Table S20. Results of the BayPass BF statistic for *Lasioglossum malachurum*. For ea SNP ID, land-use contrast tested, Bayes Factor (BF), Pearson and Spearman c coefficient (Beta IS) and its standard deviation, empirical Bayesian posterior inc identified according to the significance criteria described in the Methods section.

CHR	POS	SNP ID	Contrast Name	BF	Mean Pearson	SD Pearson
CHR1	1E+07	CHR1:10001248	SSF x LoA	-11,0970378	0,079	0,291
CHR1	1E+07	CHR1:10001777	SSF x LoA	-6,61935085	0,137	0,295
CHR1	1E+07	CHR1:10001779	SSF x LoA	3,57318966	0,143	0,312
CHR1	1E+07	CHR1:10001868	SSF x LoA	-9,11644665	0,005	0,311
CHR1	1E+07	CHR1:10011316	SSF x LoA	-10,0404847	0,060	0,317
CHR1	1E+07	CHR1:10011436	SSF x LoA	-8,75316134	0,134	0,315
CHR1	1E+07	CHR1:10017110	SSF x LoA	-7,58403878	-0,162	0,290
CHR1	1E+07	CHR1:10020657	SSF x LoA	-10,5524155	0,111	0,302
CHR1	1E+07	CHR1:10020711	SSF x LoA	-8,85493185	0,081	0,309
CHR1	1E+07	CHR1:10046683	SSF x LoA	-7,91759092	-0,024	0,305
CHR1	1E+07	CHR1:10046702	SSF x LoA	-7,83363135	-0,107	0,306
CHR1	1E+07	CHR1:10046725	SSF x LoA	-11,3254516	-0,026	0,311
CHR1	1E+07	CHR1:10046756	SSF x LoA	-8,03877687	-0,028	0,301
CHR1	1E+07	CHR1:10051923	SSF x LoA	-1,34378443	-0,192	0,309
CHR1	1E+07	CHR1:10052086	SSF x LoA	-11,0939073	0,027	0,305
CHR1	1E+07	CHR1:10052208	SSF x LoA	-9,05951547	0,090	0,297
CHR1	1E+07	CHR1:10054056	SSF x LoA	-10,3863548	0,020	0,310
CHR1	1E+07	CHR1:10054072	SSF x LoA	-9,06325548	-0,083	0,312
CHR1	1E+07	CHR1:10054130	SSF x LoA	-7,69560966	-0,027	0,324
CHR1	1005805	CHR1:1005805	SSF x LoA	-9,29613332	0,002	0,305
CHR1	1005872	CHR1:1005872	SSF x LoA	-9,83427748	0,019	0,314
CHR1	1E+07	CHR1:10068281	SSF x LoA	-6,41281188	-0,157	0,295
CHR1	1E+07	CHR1:10071778	SSF x LoA	-11,1593202	-0,038	0,307
CHR1	1E+07	CHR1:10071787	SSF x LoA	-7,92717936	0,063	0,304
CHR1	1E+07	CHR1:10071813	SSF x LoA	-11,7218016	-0,002	0,310
CHR1	1E+07	CHR1:10071828	SSF x LoA	-6,06366227	0,122	0,301
CHR1	1E+07	CHR1:10071843	SSF x LoA	-9,71704671	0,071	0,310
CHR1	1E+07	CHR1:10071881	SSF x LoA	-9,13171793	-0,084	0,328
CHR1	1E+07	CHR1:10071890	SSF x LoA	-10,9183624	-0,092	0,300
CHR1	1E+07	CHR1:10072898	SSF x LoA	-9,36776714	-0,160	0,310
CHR1	1E+07	CHR1:10084992	SSF x LoA	-9,50237204	-0,012	0,324
CHR1	1E+07	CHR1:10084998	SSF x LoA	-7,90748706	-0,017	0,308
CHR1	1E+07	CHR1:10085023	SSF x LoA	-7,69729512	-0,056	0,311
CHR1	1009498	CHR1:1009498	SSF x LoA	-10,9272579	0,023	0,302
CHR1	1009518	CHR1:1009518	SSF x LoA	-9,27798816	-0,019	0,312
CHR1	1009521	CHR1:1009521	SSF x LoA	-9,57039266	0,004	0,318
CHR1	1009523	CHR1:1009523	SSF x LoA	-8,34612294	-0,006	0,305
CHR1	1E+07	CHR1:10106682	SSF x LoA	-8,30637671	0,011	0,317
CHR1	1E+07	CHR1:10106729	SSF x LoA	-8,66853381	0,069	0,292
CHR1	1E+07	CHR1:10106921	SSF x LoA	-10,905925	0,082	0,311
CHR1	1E+07	CHR1:10120282	SSF x LoA	-4,66895147	-0,120	0,287
CHR1	1E+07	CHR1:10120286	SSF x LoA	-11,7343735	-0,005	0,307
CHR1	1E+07	CHR1:10120303	SSF x LoA	-11,3328726	0,073	0,305
CHR1	1E+07	CHR1:10120321	SSF x LoA	-12,1486328	0,048	0,310
CHR1	1E+07	CHR1:10129980	SSF x LoA	-9,44230367	-0,017	0,287
CHR1	1E+07	CHR1:10129986	SSF x LoA	-5,71003951	-0,039	0,312
CHR1	1E+07	CHR1:10129994	SSF x LoA	-9,65250719	-0,012	0,294
CHR1	1E+07	CHR1:10129999	SSF x LoA	-7,47366808	0,076	0,309

CHR1	1E+07	CHR1:10130011	SSF x LoA	-8,94011562	0,077	0,308
CHR1	1E+07	CHR1:10130012	SSF x LoA	-8,68557826	-0,030	0,305
CHR1	1E+07	CHR1:10130027	SSF x LoA	-7,5555153	0,091	0,305
CHR1	1E+07	CHR1:10130032	SSF x LoA	-8,5873379	0,082	0,305
CHR1	1E+07	CHR1:10130045	SSF x LoA	-9,98979245	0,042	0,305
CHR1	1E+07	CHR1:10130049	SSF x LoA	-8,03612046	0,022	0,302
CHR1	1E+07	CHR1:10130108	SSF x LoA	-8,52756896	0,022	0,318
CHR1	1E+07	CHR1:10130179	SSF x LoA	-8,87413917	-0,086	0,312
CHR1	1E+07	CHR1:10130186	SSF x LoA	-9,74610607	-0,085	0,291
CHR1	1E+07	CHR1:10130200	SSF x LoA	-7,11666561	0,070	0,316
CHR1	1013509	CHR1:1013509	SSF x LoA	-8,44460271	0,005	0,311
CHR1	1013573	CHR1:1013573	SSF x LoA	-10,5373468	-0,096	0,307
CHR1	1013597	CHR1:1013597	SSF x LoA	-10,8725946	0,048	0,296
CHR1	1E+07	CHR1:10140225	SSF x LoA	-11,1517113	0,087	0,302
CHR1	1E+07	CHR1:10140340	SSF x LoA	-7,30944229	0,049	0,310
CHR1	1E+07	CHR1:10140354	SSF x LoA	-10,3855028	0,066	0,314
CHR1	1E+07	CHR1:10145449	SSF x LoA	-7,57489954	0,109	0,300
CHR1	1E+07	CHR1:10152549	SSF x LoA	-7,93749429	0,098	0,286
CHR1	1E+07	CHR1:10152568	SSF x LoA	-9,19488902	0,063	0,293
CHR1	1E+07	CHR1:10152581	SSF x LoA	-8,24323861	-0,013	0,309
CHR1	1E+07	CHR1:10152588	SSF x LoA	-9,96840051	0,097	0,293
CHR1	1E+07	CHR1:10152617	SSF x LoA	-8,67034801	-0,026	0,317
CHR1	1E+07	CHR1:10152689	SSF x LoA	-8,66953594	-0,007	0,318
CHR1	1E+07	CHR1:10152726	SSF x LoA	-6,00552522	-0,090	0,300
CHR1	1E+07	CHR1:10152728	SSF x LoA	-7,86852489	-0,063	0,294
CHR1	1E+07	CHR1:10152765	SSF x LoA	-9,69209027	-0,011	0,308
CHR1	1E+07	CHR1:10152784	SSF x LoA	-10,3101169	0,155	0,302
CHR1	1E+07	CHR1:10152794	SSF x LoA	-8,36884889	0,063	0,305
CHR1	1E+07	CHR1:10156996	SSF x LoA	-8,2216678	-0,109	0,310
CHR1	1020054	CHR1:1020054	SSF x LoA	-7,25188408	0,116	0,322
CHR1	1E+07	CHR1:10210572	SSF x LoA	-10,6085797	0,005	0,294
CHR1	1E+07	CHR1:10210609	SSF x LoA	-6,57008656	-0,008	0,308
CHR1	1E+07	CHR1:10210695	SSF x LoA	-6,94737047	0,028	0,319
CHR1	1E+07	CHR1:10211924	SSF x LoA	-11,3612735	-0,026	0,305
CHR1	1E+07	CHR1:10211955	SSF x LoA	-10,8488548	0,016	0,316
CHR1	1021523	CHR1:1021523	SSF x LoA	-11,4427502	0,080	0,298
CHR1	1021524	CHR1:1021524	SSF x LoA	-9,74021991	0,014	0,306
CHR1	1E+07	CHR1:10216448	SSF x LoA	-8,10718031	-0,111	0,314
CHR1	1E+07	CHR1:10216678	SSF x LoA	-9,04665404	0,001	0,305
CHR1	1E+07	CHR1:10216723	SSF x LoA	-8,22481331	0,058	0,283
CHR1	1E+07	CHR1:10224710	SSF x LoA	-3,31208398	-0,124	0,313
CHR1	1E+07	CHR1:10232666	SSF x LoA	-11,1555015	-0,069	0,308
CHR1	1E+07	CHR1:10243514	SSF x LoA	-11,3269291	-0,016	0,316
CHR1	1E+07	CHR1:10245533	SSF x LoA	-8,82171772	-0,028	0,311
CHR1	1E+07	CHR1:10245601	SSF x LoA	-10,5160035	-0,086	0,307
CHR1	1E+07	CHR1:10245675	SSF x LoA	-8,3929618	0,147	0,305
CHR1	1E+07	CHR1:10245779	SSF x LoA	-8,38213176	-0,065	0,309
CHR1	1E+07	CHR1:10248022	SSF x LoA	-9,28075451	-0,035	0,308
CHR1	1E+07	CHR1:10248042	SSF x LoA	-8,75751859	0,050	0,314
CHR1	1E+07	CHR1:10248087	SSF x LoA	-8,61103204	-0,084	0,315
CHR1	1E+07	CHR1:10248224	SSF x LoA	-8,42147381	0,044	0,324
CHR1	1E+07	CHR1:10248317	SSF x LoA	-7,18343489	-0,104	0,304
CHR1	1E+07	CHR1:10256594	SSF x LoA	-9,82419579	0,048	0,289

CHR1	1E+07	CHR1:10273429	SSF x LoA	-9,70399323	-0,035	0,315
CHR1	1E+07	CHR1:10273512	SSF x LoA	-9,50969519	0,090	0,316
CHR1	1E+07	CHR1:10275192	SSF x LoA	-7,3769793	0,169	0,285
CHR1	1E+07	CHR1:10275299	SSF x LoA	-9,37808018	0,025	0,322
CHR1	1E+07	CHR1:10277633	SSF x LoA	-7,53417257	0,147	0,306
CHR1	1E+07	CHR1:10277643	SSF x LoA	-9,61856775	0,115	0,301
CHR1	1E+07	CHR1:10277654	SSF x LoA	-7,62053645	0,131	0,310
CHR1	1E+07	CHR1:10277660	SSF x LoA	-9,1206655	-0,032	0,320
CHR1	1E+07	CHR1:10277721	SSF x LoA	-11,5224985	0,055	0,299
CHR1	1E+07	CHR1:10277777	SSF x LoA	-8,49613764	-0,087	0,309
CHR1	1E+07	CHR1:10283714	SSF x LoA	-11,6691813	0,069	0,303
CHR1	1E+07	CHR1:10283767	SSF x LoA	-7,22342492	0,068	0,305
CHR1	1E+07	CHR1:10283851	SSF x LoA	-11,6041657	-0,017	0,302
CHR1	1E+07	CHR1:10307184	SSF x LoA	-7,49483987	0,063	0,300
CHR1	1E+07	CHR1:10308886	SSF x LoA	-4,66124772	-0,004	0,311
CHR1	1E+07	CHR1:10324395	SSF x LoA	-10,4405601	0,052	0,322
CHR1	1E+07	CHR1:10324545	SSF x LoA	-12,007454	-0,057	0,311
CHR1	1E+07	CHR1:10324549	SSF x LoA	-10,1655118	-0,076	0,310
CHR1	1E+07	CHR1:10324596	SSF x LoA	-10,4611436	-0,119	0,302
CHR1	1E+07	CHR1:10324620	SSF x LoA	-10,161593	-0,058	0,313
CHR1	1E+07	CHR1:10324621	SSF x LoA	-7,83107499	0,147	0,301
CHR1	1E+07	CHR1:10324650	SSF x LoA	-8,93664521	0,086	0,310
CHR1	1E+07	CHR1:10324678	SSF x LoA	-8,19773615	0,079	0,301
CHR1	1E+07	CHR1:10326022	SSF x LoA	-8,33962365	-0,082	0,313
CHR1	1E+07	CHR1:10326113	SSF x LoA	-10,2038921	0,085	0,297
CHR1	1E+07	CHR1:10326213	SSF x LoA	-9,10829489	0,046	0,314
CHR1	1E+07	CHR1:10326275	SSF x LoA	-7,3089619	0,175	0,303
CHR1	1E+07	CHR1:10335084	SSF x LoA	-8,27565311	-0,099	0,305
CHR1	1E+07	CHR1:10335128	SSF x LoA	-11,6259308	0,001	0,309
CHR1	1035419	CHR1:1035419	SSF x LoA	-8,42142959	0,034	0,318
CHR1	1E+07	CHR1:10354836	SSF x LoA	-11,6501401	0,004	0,309
CHR1	1E+07	CHR1:10354844	SSF x LoA	-9,55073251	-0,059	0,313
CHR1	1E+07	CHR1:10354861	SSF x LoA	-11,3427713	0,017	0,313
CHR1	1E+07	CHR1:10354862	SSF x LoA	-8,93525877	0,001	0,301
CHR1	1E+07	CHR1:10354877	SSF x LoA	-9,30234839	0,027	0,301
CHR1	1E+07	CHR1:10354966	SSF x LoA	-10,8204908	0,067	0,306
CHR1	1E+07	CHR1:10355031	SSF x LoA	-9,3075575	0,022	0,299
CHR1	1E+07	CHR1:10358913	SSF x LoA	-8,53512803	0,111	0,312
CHR1	1E+07	CHR1:10359187	SSF x LoA	-4,60809297	0,216	0,285
CHR1	1E+07	CHR1:10359193	SSF x LoA	-7,13762287	0,199	0,293
CHR1	1E+07	CHR1:10359208	SSF x LoA	-6,86793101	0,124	0,301
CHR1	1E+07	CHR1:10359217	SSF x LoA	-6,44094907	0,098	0,308
CHR1	1E+07	CHR1:10359221	SSF x LoA	-2,70039879	0,149	0,300
CHR1	1E+07	CHR1:10359254	SSF x LoA	-8,4813015	-0,096	0,292
CHR1	1E+07	CHR1:10359277	SSF x LoA	-9,31588595	-0,057	0,311
CHR1	1E+07	CHR1:10359308	SSF x LoA	-9,18490378	0,077	0,312
CHR1	1037595	CHR1:1037595	SSF x LoA	-9,8027159	0,084	0,294
CHR1	1E+07	CHR1:10376135	SSF x LoA	-11,1781263	-0,092	0,319
CHR1	1E+07	CHR1:10376229	SSF x LoA	-10,9349356	-0,012	0,289
CHR1	1E+07	CHR1:10376283	SSF x LoA	-9,71164773	-0,009	0,311
CHR1	1E+07	CHR1:10376303	SSF x LoA	-10,2499039	-0,028	0,303
CHR1	1E+07	CHR1:10388907	SSF x LoA	-9,04133786	0,058	0,297
CHR1	1E+07	CHR1:10388918	SSF x LoA	-9,34727894	-0,028	0,309

CHR1	1E+07	CHR1:10389053	SSF x LoA	-10,3847424	-0,134	0,306
CHR1	1E+07	CHR1:10390615	SSF x LoA	-9,41904784	-0,098	0,305
CHR1	1E+07	CHR1:10390677	SSF x LoA	-9,66158766	0,008	0,305
CHR1	1E+07	CHR1:10390713	SSF x LoA	-9,53662138	-0,114	0,314
CHR1	1E+07	CHR1:10400945	SSF x LoA	-4,3034109	0,097	0,310
CHR1	1E+07	CHR1:10400959	SSF x LoA	-8,8407578	0,035	0,308
CHR1	1E+07	CHR1:10400960	SSF x LoA	-9,45615296	0,028	0,294
CHR1	1E+07	CHR1:10400961	SSF x LoA	-8,09190044	0,032	0,304
CHR1	1E+07	CHR1:10400989	SSF x LoA	-8,73959093	-0,105	0,320
CHR1	1E+07	CHR1:10401320	SSF x LoA	-11,2767922	-0,137	0,308
CHR1	1E+07	CHR1:10401350	SSF x LoA	1,22647521	0,040	0,298
CHR1	1E+07	CHR1:10401354	SSF x LoA	-10,1029158	0,040	0,304
CHR1	1E+07	CHR1:10404293	SSF x LoA	-1,12482726	0,096	0,301
CHR1	1040522	CHR1:1040522	SSF x LoA	-10,0939029	-0,075	0,301
CHR1	1041295	CHR1:1041295	SSF x LoA	-10,015352	0,071	0,299
CHR1	1041298	CHR1:1041298	SSF x LoA	-9,90663459	-0,039	0,306
CHR1	1E+07	CHR1:10415178	SSF x LoA	-8,71498427	-0,065	0,290
CHR1	1E+07	CHR1:10415181	SSF x LoA	-7,31932339	-0,067	0,299
CHR1	1E+07	CHR1:10423699	SSF x LoA	-11,086583	-0,044	0,301
CHR1	1E+07	CHR1:10423730	SSF x LoA	-10,9264129	-0,103	0,297
CHR1	1042405	CHR1:1042405	SSF x LoA	-7,04010109	-0,066	0,321
CHR1	1E+07	CHR1:10435073	SSF x LoA	-8,02152564	-0,099	0,300
CHR1	1E+07	CHR1:10442664	SSF x LoA	-3,06023969	0,110	0,295
CHR1	1E+07	CHR1:10442746	SSF x LoA	-7,21909655	-0,186	0,302
CHR1	1E+07	CHR1:10443005	SSF x LoA	-7,90417211	-0,124	0,305
CHR1	1E+07	CHR1:10445093	SSF x LoA	-10,2186672	-0,155	0,299
CHR1	1E+07	CHR1:10445192	SSF x LoA	-6,70125972	-0,187	0,295
CHR1	1E+07	CHR1:10446633	SSF x LoA	-9,11888037	0,004	0,308
CHR1	1E+07	CHR1:10446691	SSF x LoA	-9,64053783	0,085	0,321
CHR1	1E+07	CHR1:10446727	SSF x LoA	-11,7092449	0,042	0,307
CHR1	1E+07	CHR1:10446744	SSF x LoA	-10,6510394	0,052	0,313
CHR1	1044836	CHR1:1044836	SSF x LoA	-11,9317968	-0,043	0,286
CHR1	1044837	CHR1:1044837	SSF x LoA	-11,2608522	-0,062	0,300
CHR1	1045086	CHR1:1045086	SSF x LoA	-9,52593467	0,003	0,317
CHR1	1E+07	CHR1:10458801	SSF x LoA	-10,1912997	0,144	0,298
CHR1	1E+07	CHR1:10459170	SSF x LoA	-11,2300905	0,040	0,310
CHR1	1E+07	CHR1:10459261	SSF x LoA	-11,8678206	0,004	0,303
CHR1	1E+07	CHR1:10461359	SSF x LoA	-10,3464967	0,067	0,310
CHR1	1E+07	CHR1:10461368	SSF x LoA	-10,9550389	-0,071	0,308
CHR1	1E+07	CHR1:10461607	SSF x LoA	-9,27491903	0,029	0,300
CHR1	1E+07	CHR1:10468128	SSF x LoA	-10,201704	-0,069	0,310
CHR1	1E+07	CHR1:10478574	SSF x LoA	-7,87781063	0,049	0,316
CHR1	1E+07	CHR1:10478582	SSF x LoA	-8,77093847	0,047	0,323
CHR1	1E+07	CHR1:10478733	SSF x LoA	-7,403357	0,083	0,315
CHR1	1E+07	CHR1:10483979	SSF x LoA	-2,77638154	-0,084	0,306
CHR1	1E+07	CHR1:10484004	SSF x LoA	-7,37560659	-0,091	0,306
CHR1	1E+07	CHR1:10484033	SSF x LoA	-7,88089627	0,112	0,310
CHR1	1E+07	CHR1:10487672	SSF x LoA	-10,5083601	0,020	0,289
CHR1	1E+07	CHR1:10489530	SSF x LoA	-10,0414236	0,110	0,299
CHR1	1E+07	CHR1:10489705	SSF x LoA	-8,36209119	0,102	0,316
CHR1	1E+07	CHR1:10493190	SSF x LoA	-8,98180757	0,089	0,294
CHR1	1E+07	CHR1:10495646	SSF x LoA	-11,676723	0,015	0,307
CHR1	1E+07	CHR1:10495804	SSF x LoA	-8,29889329	0,042	0,312

CHR1	1E+07	CHR1:10499601	SSF x LoA	-9,64043399	0,074	0,309
CHR1	1E+07	CHR1:10499635	SSF x LoA	-8,43542479	-0,143	0,312
CHR1	1E+07	CHR1:10499699	SSF x LoA	-8,17025122	-0,148	0,311
CHR1	1E+07	CHR1:10499863	SSF x LoA	-9,49672714	-0,027	0,314
CHR1	1E+07	CHR1:10499965	SSF x LoA	-9,16147966	-0,001	0,313
CHR1	1055227	CHR1:1055227	SSF x LoA	-9,97398561	-0,144	0,303
CHR1	1055254	CHR1:1055254	SSF x LoA	-10,4650761	-0,071	0,303
CHR1	1055261	CHR1:1055261	SSF x LoA	-11,1358708	-0,014	0,315
CHR1	10572802	CHR1:10572802	SSF x LoA	-10,9356179	0,069	0,310
CHR1	10573564	CHR1:10573564	SSF x LoA	-10,3280974	0,098	0,306
CHR1	10575408	CHR1:10575408	SSF x LoA	-9,09596954	-0,016	0,306
CHR1	10575436	CHR1:10575436	SSF x LoA	-10,1142374	-0,142	0,306
CHR1	10578457	CHR1:10578457	SSF x LoA	-8,21872417	0,183	0,291
CHR1	10578461	CHR1:10578461	SSF x LoA	-8,07698059	0,120	0,298
CHR1	10578497	CHR1:10578497	SSF x LoA	-9,18839337	0,161	0,297
CHR1	10578556	CHR1:10578556	SSF x LoA	-7,1093821	0,161	0,301
CHR1	10578600	CHR1:10578600	SSF x LoA	-9,43555242	0,102	0,295
CHR1	10578671	CHR1:10578671	SSF x LoA	-9,06087818	0,171	0,300
CHR1	10578673	CHR1:10578673	SSF x LoA	-9,22130094	0,142	0,286
CHR1	10578674	CHR1:10578674	SSF x LoA	-8,4524022	0,108	0,315
CHR1	10584437	CHR1:10584437	SSF x LoA	-10,7718644	-0,079	0,300
CHR1	10584462	CHR1:10584462	SSF x LoA	-7,99128097	-0,149	0,300
CHR1	10587387	CHR1:10587387	SSF x LoA	-9,82556891	-0,027	0,313
CHR1	10593080	CHR1:10593080	SSF x LoA	-9,6135086	0,026	0,309
CHR1	10595389	CHR1:10595389	SSF x LoA	-7,62980384	-0,032	0,311
CHR1	10595481	CHR1:10595481	SSF x LoA	-10,2811279	0,073	0,314
CHR1	10595591	CHR1:10595591	SSF x LoA	-7,8299929	-0,102	0,317
CHR1	1059798	CHR1:1059798	SSF x LoA	-10,2520312	0,106	0,300
CHR1	1059802	CHR1:1059802	SSF x LoA	-10,3073931	-0,097	0,308
CHR1	1059852	CHR1:1059852	SSF x LoA	-11,4359509	-0,055	0,312
CHR1	10619317	CHR1:10619317	SSF x LoA	-9,11898012	-0,049	0,304
CHR1	10619617	CHR1:10619617	SSF x LoA	-10,369932	-0,009	0,311
CHR1	10619663	CHR1:10619663	SSF x LoA	-9,06921627	-0,063	0,319
CHR1	10619678	CHR1:10619678	SSF x LoA	-11,2794599	-0,007	0,304
CHR1	10623515	CHR1:10623515	SSF x LoA	-10,6392755	-0,023	0,325
CHR1	10623582	CHR1:10623582	SSF x LoA	-9,33255932	0,032	0,302
CHR1	10623586	CHR1:10623586	SSF x LoA	-10,8266806	0,038	0,309
CHR1	10623602	CHR1:10623602	SSF x LoA	-11,2294122	-0,060	0,313
CHR1	10623621	CHR1:10623621	SSF x LoA	-10,1729587	0,015	0,278
CHR1	10637288	CHR1:10637288	SSF x LoA	-7,00724927	-0,033	0,306
CHR1	10639369	CHR1:10639369	SSF x LoA	-10,1622403	-0,011	0,300
CHR1	10639401	CHR1:10639401	SSF x LoA	-10,565608	-0,060	0,317
CHR1	10639428	CHR1:10639428	SSF x LoA	-5,17482161	-0,078	0,312
CHR1	10640559	CHR1:10640559	SSF x LoA	-5,725958	-0,193	0,316
CHR1	10640607	CHR1:10640607	SSF x LoA	-6,65685425	-0,074	0,314
CHR1	10646029	CHR1:10646029	SSF x LoA	-8,67442841	0,015	0,302
CHR1	1064678	CHR1:1064678	SSF x LoA	-8,83816013	0,138	0,309
CHR1	10647871	CHR1:10647871	SSF x LoA	-10,3143689	-0,005	0,300
CHR1	10647979	CHR1:10647979	SSF x LoA	-11,5770531	0,048	0,307
CHR1	1064870	CHR1:1064870	SSF x LoA	-10,0124181	0,108	0,306
CHR1	1064904	CHR1:1064904	SSF x LoA	-11,1282941	-0,063	0,297
CHR1	10657621	CHR1:10657621	SSF x LoA	-9,11276689	0,047	0,305
CHR1	10672754	CHR1:10672754	SSF x LoA	-9,99324814	-0,116	0,298

CHR1	10683183	CHR1:10683183	SSF x LoA	-8,04433195	0,049	0,308
CHR1	10683334	CHR1:10683334	SSF x LoA	-7,50493239	0,150	0,291
CHR1	10683417	CHR1:10683417	SSF x LoA	-10,1715153	-0,053	0,310
CHR1	10695133	CHR1:10695133	SSF x LoA	-5,54133647	-0,113	0,293
CHR1	10695140	CHR1:10695140	SSF x LoA	-9,90183109	-0,030	0,317
CHR1	10695150	CHR1:10695150	SSF x LoA	0,17892469	0,143	0,292
CHR1	10695155	CHR1:10695155	SSF x LoA	-8,11902103	0,104	0,285
CHR1	10695229	CHR1:10695229	SSF x LoA	-8,26929672	-0,120	0,312
CHR1	10695259	CHR1:10695259	SSF x LoA	2,16339842	-0,101	0,310
CHR1	10695320	CHR1:10695320	SSF x LoA	-7,88704934	-0,171	0,307
CHR1	10695321	CHR1:10695321	SSF x LoA	-5,55056389	-0,083	0,311
CHR1	10695336	CHR1:10695336	SSF x LoA	-7,92714895	-0,175	0,299
CHR1	10701715	CHR1:10701715	SSF x LoA	-5,83346454	0,083	0,318
CHR1	10701825	CHR1:10701825	SSF x LoA	-7,35201211	-0,050	0,301
CHR1	10708003	CHR1:10708003	SSF x LoA	-10,9188514	0,072	0,306
CHR1	10711483	CHR1:10711483	SSF x LoA	3,95581403	-0,151	0,303
CHR1	10711484	CHR1:10711484	SSF x LoA	-8,68875716	0,060	0,304
CHR1	10711514	CHR1:10711514	SSF x LoA	-9,58970595	0,114	0,300
CHR1	10711517	CHR1:10711517	SSF x LoA	-10,3435494	0,021	0,315
CHR1	10711532	CHR1:10711532	SSF x LoA	-11,5343874	0,014	0,322
CHR1	10711546	CHR1:10711546	SSF x LoA	-8,80942152	-0,094	0,319
CHR1	10711554	CHR1:10711554	SSF x LoA	2,86169604	-0,084	0,315
CHR1	10711562	CHR1:10711562	SSF x LoA	-10,866774	-0,032	0,303
CHR1	10711567	CHR1:10711567	SSF x LoA	-8,55840077	0,108	0,302
CHR1	10712006	CHR1:10712006	SSF x LoA	-8,69827402	0,084	0,310
CHR1	10712016	CHR1:10712016	SSF x LoA	-7,33052414	-0,185	0,288
CHR1	10712022	CHR1:10712022	SSF x LoA	-5,28026393	0,175	0,322
CHR1	10712031	CHR1:10712031	SSF x LoA	-5,21076024	0,168	0,298
CHR1	10712033	CHR1:10712033	SSF x LoA	-7,87109045	0,148	0,293
CHR1	10712044	CHR1:10712044	SSF x LoA	-9,39945231	-0,028	0,328
CHR1	10717818	CHR1:10717818	SSF x LoA	-7,44664283	-0,176	0,300
CHR1	10737696	CHR1:10737696	SSF x LoA	-10,5889856	-0,066	0,313
CHR1	10737811	CHR1:10737811	SSF x LoA	-10,4217848	-0,025	0,301
CHR1	10737850	CHR1:10737850	SSF x LoA	-7,11456398	0,086	0,304
CHR1	10744502	CHR1:10744502	SSF x LoA	-8,3474489	-0,043	0,308
CHR1	10744504	CHR1:10744504	SSF x LoA	-7,34424889	-0,093	0,309
CHR1	10744587	CHR1:10744587	SSF x LoA	-10,1718578	-0,028	0,294
CHR1	10744591	CHR1:10744591	SSF x LoA	-10,6504947	0,041	0,312
CHR1	10744597	CHR1:10744597	SSF x LoA	-9,41208754	-0,111	0,301
CHR1	10744731	CHR1:10744731	SSF x LoA	-6,22676847	-0,038	0,314
CHR1	10755221	CHR1:10755221	SSF x LoA	-11,0232174	0,041	0,302
CHR1	10755247	CHR1:10755247	SSF x LoA	-10,2927277	-0,046	0,306
CHR1	10755356	CHR1:10755356	SSF x LoA	-10,1105884	-0,028	0,312
CHR1	10755445	CHR1:10755445	SSF x LoA	-2,98416078	0,193	0,314
CHR1	1075735	CHR1:1075735	SSF x LoA	-9,3762604	0,004	0,326
CHR1	1075777	CHR1:1075777	SSF x LoA	-9,67467506	-0,001	0,300
CHR1	1075783	CHR1:1075783	SSF x LoA	-8,33453229	-0,005	0,309
CHR1	10758257	CHR1:10758257	SSF x LoA	-9,42368324	0,085	0,284
CHR1	1075946	CHR1:1075946	SSF x LoA	-8,85929974	0,002	0,310
CHR1	1075959	CHR1:1075959	SSF x LoA	-6,25614262	-0,012	0,298
CHR1	10763431	CHR1:10763431	SSF x LoA	-11,8904177	-0,050	0,299
CHR1	10763450	CHR1:10763450	SSF x LoA	-8,09880489	0,025	0,309
CHR1	10763463	CHR1:10763463	SSF x LoA	-5,90906094	-0,087	0,315

CHR1	10763473	CHR1:10763473	SSF x LoA	-3,65653952	-0,052	0,313
CHR1	10763486	CHR1:10763486	SSF x LoA	-11,2310486	-0,054	0,318
CHR1	10763518	CHR1:10763518	SSF x LoA	-7,11308395	0,118	0,312
CHR1	10767471	CHR1:10767471	SSF x LoA	-7,14742405	0,027	0,317
CHR1	10767473	CHR1:10767473	SSF x LoA	-9,8312114	0,058	0,312
CHR1	10767551	CHR1:10767551	SSF x LoA	-8,26203241	-0,017	0,324
CHR1	10767566	CHR1:10767566	SSF x LoA	-9,61866553	0,089	0,296
CHR1	10767583	CHR1:10767583	SSF x LoA	-10,4199884	0,102	0,301
CHR1	10767614	CHR1:10767614	SSF x LoA	-9,62932402	0,085	0,302
CHR1	10767692	CHR1:10767692	SSF x LoA	-9,98398804	0,028	0,307
CHR1	10767756	CHR1:10767756	SSF x LoA	-9,43272394	0,063	0,324
CHR1	10767775	CHR1:10767775	SSF x LoA	-11,2590482	-0,031	0,301
CHR1	1078230	CHR1:1078230	SSF x LoA	-11,6037698	0,004	0,309
CHR1	10784149	CHR1:10784149	SSF x LoA	-8,00786886	0,071	0,300
CHR1	10784215	CHR1:10784215	SSF x LoA	-8,51743194	0,098	0,301
CHR1	10784307	CHR1:10784307	SSF x LoA	-8,34997775	-0,056	0,310
CHR1	1079161	CHR1:1079161	SSF x LoA	-8,22760158	-0,007	0,304
CHR1	10804020	CHR1:10804020	SSF x LoA	-9,19221386	-0,138	0,314
CHR1	10804202	CHR1:10804202	SSF x LoA	-11,1921899	-0,093	0,295
CHR1	10806146	CHR1:10806146	SSF x LoA	-8,47839434	0,110	0,307
CHR1	10808470	CHR1:10808470	SSF x LoA	-11,3493919	-0,077	0,300
CHR1	10808485	CHR1:10808485	SSF x LoA	-10,9524219	-0,049	0,292
CHR1	10808517	CHR1:10808517	SSF x LoA	-11,7763253	0,075	0,299
CHR1	10808560	CHR1:10808560	SSF x LoA	-5,9522173	-0,096	0,304
CHR1	10810598	CHR1:10810598	SSF x LoA	-9,92280757	0,050	0,303
CHR1	10811777	CHR1:10811777	SSF x LoA	-9,77992808	0,130	0,300
CHR1	10811779	CHR1:10811779	SSF x LoA	-6,50147759	-0,178	0,299
CHR1	10811786	CHR1:10811786	SSF x LoA	-10,074591	0,099	0,306
CHR1	10811922	CHR1:10811922	SSF x LoA	-9,51981168	0,110	0,308
CHR1	10818804	CHR1:10818804	SSF x LoA	-6,4988751	0,115	0,313
CHR1	10818838	CHR1:10818838	SSF x LoA	-8,869855	-0,070	0,323
CHR1	10818850	CHR1:10818850	SSF x LoA	-4,17211144	0,210	0,300
CHR1	10818872	CHR1:10818872	SSF x LoA	-10,9607393	-0,088	0,307
CHR1	10820761	CHR1:10820761	SSF x LoA	-8,94857412	-0,029	0,310
CHR1	10820782	CHR1:10820782	SSF x LoA	-8,03594512	0,041	0,306
CHR1	10820855	CHR1:10820855	SSF x LoA	-9,98647604	-0,078	0,304
CHR1	10820914	CHR1:10820914	SSF x LoA	-10,0584743	-0,025	0,318
CHR1	10820925	CHR1:10820925	SSF x LoA	-8,58219563	0,076	0,307
CHR1	10820969	CHR1:10820969	SSF x LoA	-8,82784356	-0,045	0,313
CHR1	10820977	CHR1:10820977	SSF x LoA	-8,65024645	-0,014	0,309
CHR1	10821013	CHR1:10821013	SSF x LoA	-7,2123345	-0,054	0,321
CHR1	1082684	CHR1:1082684	SSF x LoA	-9,64510724	-0,043	0,293
CHR1	1082702	CHR1:1082702	SSF x LoA	-7,55374943	0,141	0,314
CHR1	1082859	CHR1:1082859	SSF x LoA	-10,0450269	0,009	0,316
CHR1	10842750	CHR1:10842750	SSF x LoA	-8,96872238	0,006	0,306
CHR1	10842780	CHR1:10842780	SSF x LoA	-10,2511442	-0,057	0,291
CHR1	10842809	CHR1:10842809	SSF x LoA	-10,1785426	0,028	0,312
CHR1	10842839	CHR1:10842839	SSF x LoA	-9,52192581	0,027	0,314
CHR1	10842893	CHR1:10842893	SSF x LoA	-9,99502111	0,007	0,314
CHR1	10849993	CHR1:10849993	SSF x LoA	-10,2508804	-0,085	0,312
CHR1	10850023	CHR1:10850023	SSF x LoA	-8,40223234	-0,061	0,305
CHR1	10850031	CHR1:10850031	SSF x LoA	-5,4675245	-0,057	0,327
CHR1	10850051	CHR1:10850051	SSF x LoA	-8,13438232	0,026	0,303

CHR1	10850066	CHR1:10850066	SSF x LoA	-9,47843705	-0,074	0,316
CHR1	10852443	CHR1:10852443	SSF x LoA	-11,4757793	0,020	0,313
CHR1	10852473	CHR1:10852473	SSF x LoA	-5,44097182	0,133	0,296
CHR1	10852514	CHR1:10852514	SSF x LoA	-11,7369728	0,015	0,299
CHR1	10854720	CHR1:10854720	SSF x LoA	-9,2848072	-0,089	0,319
CHR1	10854769	CHR1:10854769	SSF x LoA	-10,7802446	0,096	0,306
CHR1	10854781	CHR1:10854781	SSF x LoA	-7,34280289	0,103	0,310
CHR1	10854855	CHR1:10854855	SSF x LoA	-8,49165289	0,108	0,293
CHR1	10856868	CHR1:10856868	SSF x LoA	-8,22229385	-0,086	0,301
CHR1	10856939	CHR1:10856939	SSF x LoA	-10,8361308	0,042	0,314
CHR1	10862146	CHR1:10862146	SSF x LoA	-9,23106282	0,005	0,320
CHR1	10862169	CHR1:10862169	SSF x LoA	-9,03272654	0,035	0,309
CHR1	10862298	CHR1:10862298	SSF x LoA	-6,23863226	-0,064	0,304
CHR1	10862303	CHR1:10862303	SSF x LoA	-11,547293	-0,031	0,314
CHR1	10862315	CHR1:10862315	SSF x LoA	-10,4672526	-0,056	0,308
CHR1	10862329	CHR1:10862329	SSF x LoA	-9,33238863	0,071	0,317
CHR1	10862354	CHR1:10862354	SSF x LoA	-9,20594175	-0,044	0,283
CHR1	10867135	CHR1:10867135	SSF x LoA	-9,68284988	0,109	0,300
CHR1	10867190	CHR1:10867190	SSF x LoA	-10,1439786	0,087	0,302
CHR1	10867289	CHR1:10867289	SSF x LoA	-8,67444059	0,051	0,300
CHR1	1086990	CHR1:1086990	SSF x LoA	-11,5914184	0,027	0,305
CHR1	1087240	CHR1:1087240	SSF x LoA	-11,072557	-0,122	0,296
CHR1	10874932	CHR1:10874932	SSF x LoA	-8,8711156	0,049	0,285
CHR1	10889212	CHR1:10889212	SSF x LoA	-8,31866094	0,084	0,306
CHR1	10889373	CHR1:10889373	SSF x LoA	-9,24820658	0,041	0,308
CHR1	10902645	CHR1:10902645	SSF x LoA	-10,4012282	0,012	0,311
CHR1	10909972	CHR1:10909972	SSF x LoA	-11,1861648	0,016	0,310
CHR1	10909983	CHR1:10909983	SSF x LoA	-10,1624519	0,145	0,301
CHR1	10910057	CHR1:10910057	SSF x LoA	-10,4974923	0,043	0,326
CHR1	10910967	CHR1:10910967	SSF x LoA	-10,458137	-0,015	0,314
CHR1	10910990	CHR1:10910990	SSF x LoA	-8,16014563	-0,033	0,308
CHR1	10910996	CHR1:10910996	SSF x LoA	-11,4913017	0,062	0,304
CHR1	10911005	CHR1:10911005	SSF x LoA	-10,2839589	-0,040	0,311
CHR1	10911066	CHR1:10911066	SSF x LoA	-9,00586684	0,072	0,307
CHR1	10911077	CHR1:10911077	SSF x LoA	-10,1439739	-0,081	0,297
CHR1	10911095	CHR1:10911095	SSF x LoA	-10,1265243	-0,021	0,324
CHR1	10912722	CHR1:10912722	SSF x LoA	-10,7876939	0,058	0,306
CHR1	10912808	CHR1:10912808	SSF x LoA	-9,46650277	-0,006	0,307
CHR1	10915839	CHR1:10915839	SSF x LoA	-10,8844052	0,052	0,310
CHR1	10926130	CHR1:10926130	SSF x LoA	-10,6274081	0,116	0,298
CHR1	10940204	CHR1:10940204	SSF x LoA	-10,3025223	-0,025	0,315
CHR1	10940275	CHR1:10940275	SSF x LoA	-8,562332	-0,011	0,307
CHR1	10940391	CHR1:10940391	SSF x LoA	-9,60559164	0,007	0,306
CHR1	10940405	CHR1:10940405	SSF x LoA	-12,1245505	-0,008	0,310
CHR1	10940421	CHR1:10940421	SSF x LoA	-7,54611632	0,144	0,301
CHR1	10940444	CHR1:10940444	SSF x LoA	-8,98902259	0,050	0,316
CHR1	10943655	CHR1:10943655	SSF x LoA	-8,25463871	-0,070	0,307
CHR1	10944898	CHR1:10944898	SSF x LoA	-4,67595026	-0,085	0,314
CHR1	10950988	CHR1:10950988	SSF x LoA	-11,839267	-0,050	0,305
CHR1	10951130	CHR1:10951130	SSF x LoA	-8,86147792	0,013	0,312
CHR1	10951238	CHR1:10951238	SSF x LoA	-10,0180013	-0,034	0,311
CHR1	10952768	CHR1:10952768	SSF x LoA	-8,79661171	0,080	0,303
CHR1	10954044	CHR1:10954044	SSF x LoA	-2,6332346	-0,134	0,300

CHR1	10964540	CHR1:10964540	SSF x LoA	-9,13413525	-0,055	0,318
CHR1	10964549	CHR1:10964549	SSF x LoA	-7,64761506	0,022	0,304
CHR1	10964550	CHR1:10964550	SSF x LoA	-10,424467	0,001	0,300
CHR1	10964553	CHR1:10964553	SSF x LoA	-5,48838376	-0,084	0,310
CHR1	10964564	CHR1:10964564	SSF x LoA	-9,71804124	0,104	0,314
CHR1	10964574	CHR1:10964574	SSF x LoA	-9,46455194	0,021	0,316
CHR1	10977699	CHR1:10977699	SSF x LoA	-7,86740213	-0,133	0,292
CHR1	10977924	CHR1:10977924	SSF x LoA	-10,4263581	0,024	0,309
CHR1	10977940	CHR1:10977940	SSF x LoA	-9,8291867	0,051	0,312
CHR1	10977983	CHR1:10977983	SSF x LoA	-10,1883352	-0,013	0,316
CHR1	10977994	CHR1:10977994	SSF x LoA	-10,2161834	-0,014	0,313
CHR1	10978002	CHR1:10978002	SSF x LoA	-10,4805759	0,042	0,295
CHR1	10981055	CHR1:10981055	SSF x LoA	-10,3315243	-0,035	0,315
CHR1	10987672	CHR1:10987672	SSF x LoA	-9,90502212	0,027	0,324
CHR1	10988120	CHR1:10988120	SSF x LoA	-8,78218875	0,101	0,309
CHR1	10989471	CHR1:10989471	SSF x LoA	-7,83875519	-0,012	0,312
CHR1	10989493	CHR1:10989493	SSF x LoA	-8,64933276	-0,019	0,306
CHR1	10994510	CHR1:10994510	SSF x LoA	-9,28525794	0,112	0,286
CHR1	10996678	CHR1:10996678	SSF x LoA	-9,66044584	-0,106	0,299
CHR1	1099858	CHR1:1099858	SSF x LoA	-9,27224154	-0,061	0,295
CHR1	1099885	CHR1:1099885	SSF x LoA	-7,19953955	0,086	0,304
CHR1	1099924	CHR1:1099924	SSF x LoA	-9,18438648	0,073	0,323
CHR1	1099956	CHR1:1099956	SSF x LoA	-8,92705838	-0,028	0,311
CHR1	1100028	CHR1:1100028	SSF x LoA	-8,42215242	0,123	0,300
CHR1	1100046	CHR1:1100046	SSF x LoA	-10,4940461	-0,091	0,298
CHR1	1100067	CHR1:1100067	SSF x LoA	-7,60179763	-0,168	0,302
CHR1	11001400	CHR1:11001400	SSF x LoA	-8,95245401	0,078	0,308
CHR1	11001428	CHR1:11001428	SSF x LoA	-8,14515082	0,018	0,313
CHR1	11001503	CHR1:11001503	SSF x LoA	-9,24181448	0,036	0,308
CHR1	11003917	CHR1:11003917	SSF x LoA	1,70777176	-0,131	0,310
CHR1	11003935	CHR1:11003935	SSF x LoA	-5,10010069	-0,201	0,296
CHR1	11003937	CHR1:11003937	SSF x LoA	-7,80698959	-0,204	0,294
CHR1	11003940	CHR1:11003940	SSF x LoA	-7,2638007	-0,199	0,304
CHR1	11011024	CHR1:11011024	SSF x LoA	-10,3338066	-0,040	0,299
CHR1	11011033	CHR1:11011033	SSF x LoA	-9,05517663	0,042	0,313
CHR1	11012980	CHR1:11012980	SSF x LoA	-3,40850169	0,016	0,301
CHR1	11013029	CHR1:11013029	SSF x LoA	-10,9783748	-0,051	0,303
CHR1	11017156	CHR1:11017156	SSF x LoA	-6,9496694	0,120	0,304
CHR1	11017311	CHR1:11017311	SSF x LoA	-7,63340583	0,115	0,300
CHR1	11017334	CHR1:11017334	SSF x LoA	-11,0804426	0,088	0,308
CHR1	11017349	CHR1:11017349	SSF x LoA	-8,30611624	0,160	0,307
CHR1	11018027	CHR1:11018027	SSF x LoA	-4,74318149	0,010	0,314
CHR1	11018032	CHR1:11018032	SSF x LoA	-10,0601706	0,052	0,318
CHR1	11018042	CHR1:11018042	SSF x LoA	-5,37249453	0,099	0,321
CHR1	11018049	CHR1:11018049	SSF x LoA	-9,70763471	-0,072	0,295
CHR1	11018178	CHR1:11018178	SSF x LoA	-8,3363456	-0,092	0,302
CHR1	11024693	CHR1:11024693	SSF x LoA	-10,3139459	-0,035	0,303
CHR1	11024739	CHR1:11024739	SSF x LoA	-11,6526366	0,007	0,298
CHR1	1102921	CHR1:1102921	SSF x LoA	-9,84584939	0,016	0,312
CHR1	11046935	CHR1:11046935	SSF x LoA	-10,9444378	-0,069	0,303
CHR1	11046943	CHR1:11046943	SSF x LoA	-10,6999048	0,019	0,309
CHR1	11048270	CHR1:11048270	SSF x LoA	-10,9060453	-0,004	0,320
CHR1	11049689	CHR1:11049689	SSF x LoA	-9,99919688	0,059	0,305

CHR1	11050929	CHR1:11050929	SSF x LoA	-11,2221611	0,007	0,312
CHR1	11073058	CHR1:11073058	SSF x LoA	-8,66266983	0,035	0,312
CHR1	11073070	CHR1:11073070	SSF x LoA	-8,97960501	-0,033	0,313
CHR1	11073080	CHR1:11073080	SSF x LoA	-11,187013	-0,053	0,299
CHR1	11073111	CHR1:11073111	SSF x LoA	-11,2538166	-0,044	0,306
CHR1	11073690	CHR1:11073690	SSF x LoA	-6,2272028	0,167	0,297
CHR1	11077975	CHR1:11077975	SSF x LoA	-10,0872136	-0,108	0,298
CHR1	11078085	CHR1:11078085	SSF x LoA	-6,31153173	-0,121	0,293
CHR1	11078096	CHR1:11078096	SSF x LoA	-4,64629121	0,126	0,312
CHR1	11083293	CHR1:11083293	SSF x LoA	-11,828208	-0,001	0,299
CHR1	11086745	CHR1:11086745	SSF x LoA	-9,5391538	0,002	0,308
CHR1	11086880	CHR1:11086880	SSF x LoA	-9,93585394	0,151	0,309
CHR1	11087700	CHR1:11087700	SSF x LoA	-9,90142506	0,133	0,302
CHR1	11087712	CHR1:11087712	SSF x LoA	-8,40763311	0,166	0,299
CHR1	11087751	CHR1:11087751	SSF x LoA	-8,78315838	-0,032	0,304
CHR1	11091441	CHR1:11091441	SSF x LoA	-9,21130407	0,022	0,306
CHR1	11091492	CHR1:11091492	SSF x LoA	-8,52500363	-0,101	0,310
CHR1	11091494	CHR1:11091494	SSF x LoA	-8,74928658	0,071	0,302
CHR1	11093081	CHR1:11093081	SSF x LoA	-9,41879953	0,003	0,291
CHR1	11093262	CHR1:11093262	SSF x LoA	-10,9910854	0,002	0,309
CHR1	11093285	CHR1:11093285	SSF x LoA	-10,858598	0,034	0,313
CHR1	11097933	CHR1:11097933	SSF x LoA	-7,8879834	0,158	0,291
CHR1	11097963	CHR1:11097963	SSF x LoA	-8,53824261	-0,093	0,307
CHR1	11097999	CHR1:11097999	SSF x LoA	-11,8501076	-0,050	0,298
CHR1	11103135	CHR1:11103135	SSF x LoA	-10,8995012	-0,010	0,316
CHR1	11103149	CHR1:11103149	SSF x LoA	-9,64739457	0,047	0,295
CHR1	11103152	CHR1:11103152	SSF x LoA	-8,88367913	0,086	0,293
CHR1	11103193	CHR1:11103193	SSF x LoA	-8,32651226	-0,066	0,310
CHR1	11107558	CHR1:11107558	SSF x LoA	-9,79471874	0,038	0,322
CHR1	11107578	CHR1:11107578	SSF x LoA	-10,5129932	-0,011	0,304
CHR1	11107611	CHR1:11107611	SSF x LoA	-10,5111628	-0,130	0,304
CHR1	11107672	CHR1:11107672	SSF x LoA	-10,5820014	0,053	0,303
CHR1	11107711	CHR1:11107711	SSF x LoA	-8,34346954	-0,007	0,320
CHR1	11107723	CHR1:11107723	SSF x LoA	-11,0308516	-0,029	0,303
CHR1	11111176	CHR1:11111176	SSF x LoA	-7,47204821	-0,118	0,316
CHR1	11117782	CHR1:11117782	SSF x LoA	-7,44840161	0,110	0,289
CHR1	11117810	CHR1:11117810	SSF x LoA	-8,88122751	0,103	0,304
CHR1	11117825	CHR1:11117825	SSF x LoA	-9,83965946	-0,075	0,303
CHR1	11117893	CHR1:11117893	SSF x LoA	-8,93349299	-0,078	0,313
CHR1	11121757	CHR1:11121757	SSF x LoA	-7,78086533	-0,075	0,312
CHR1	11121774	CHR1:11121774	SSF x LoA	-10,3597999	-0,017	0,299
CHR1	11124676	CHR1:11124676	SSF x LoA	-8,61971607	-0,092	0,311
CHR1	11124760	CHR1:11124760	SSF x LoA	-7,06385681	-0,026	0,310
CHR1	11133169	CHR1:11133169	SSF x LoA	-6,97303982	0,131	0,324
CHR1	11133186	CHR1:11133186	SSF x LoA	-10,7571176	0,023	0,312
CHR1	11133265	CHR1:11133265	SSF x LoA	-10,3066425	0,050	0,310
CHR1	11135621	CHR1:11135621	SSF x LoA	-8,40437519	0,037	0,310
CHR1	11135684	CHR1:11135684	SSF x LoA	-9,82609286	0,000	0,303
CHR1	11135790	CHR1:11135790	SSF x LoA	-7,19433743	-0,008	0,301
CHR1	11141151	CHR1:11141151	SSF x LoA	-8,15425009	0,084	0,321
CHR1	11141152	CHR1:11141152	SSF x LoA	-7,18089531	-0,144	0,298
CHR1	11141169	CHR1:11141169	SSF x LoA	-8,94221272	0,141	0,309
CHR1	11141195	CHR1:11141195	SSF x LoA	-9,17653788	0,053	0,296

CHR1	11141202	CHR1:11141202	SSF x LoA	-7,85231457	0,143	0,300
CHR1	11141274	CHR1:11141274	SSF x LoA	-7,1575562	-0,048	0,303
CHR1	11149015	CHR1:11149015	SSF x LoA	-7,94153142	-0,119	0,313
CHR1	11149023	CHR1:11149023	SSF x LoA	-11,3034374	0,001	0,313
CHR1	11149051	CHR1:11149051	SSF x LoA	-8,93311677	-0,088	0,298
CHR1	11149112	CHR1:11149112	SSF x LoA	-12,0315056	-0,061	0,305
CHR1	11149146	CHR1:11149146	SSF x LoA	-8,99148742	-0,132	0,301
CHR1	11149169	CHR1:11149169	SSF x LoA	-8,7514714	0,085	0,317
CHR1	1116072	CHR1:1116072	SSF x LoA	-5,85684153	0,146	0,288
CHR1	1116084	CHR1:1116084	SSF x LoA	-6,37093402	0,011	0,318
CHR1	1116328	CHR1:1116328	SSF x LoA	-8,33373731	0,108	0,287
CHR1	1116336	CHR1:1116336	SSF x LoA	-7,94421111	0,126	0,300
CHR1	1116373	CHR1:1116373	SSF x LoA	-10,7303516	0,113	0,310
CHR1	1116408	CHR1:1116408	SSF x LoA	-7,76786244	-0,068	0,314
CHR1	11176677	CHR1:11176677	SSF x LoA	-4,89643436	-0,045	0,307
CHR1	11193013	CHR1:11193013	SSF x LoA	-10,1598833	-0,006	0,312
CHR1	11196429	CHR1:11196429	SSF x LoA	-10,5141633	0,022	0,301
CHR1	11198970	CHR1:11198970	SSF x LoA	-8,78966971	0,043	0,322
CHR1	11199004	CHR1:11199004	SSF x LoA	-9,40320901	0,066	0,301
CHR1	11199020	CHR1:11199020	SSF x LoA	-8,43316472	0,034	0,313
CHR1	11214486	CHR1:11214486	SSF x LoA	-3,93579395	-0,152	0,303
CHR1	11214523	CHR1:11214523	SSF x LoA	-9,48066315	-0,019	0,309
CHR1	11214577	CHR1:11214577	SSF x LoA	-10,2626473	-0,037	0,308
CHR1	11214584	CHR1:11214584	SSF x LoA	-8,51285171	0,126	0,285
CHR1	11214598	CHR1:11214598	SSF x LoA	-7,05300086	0,123	0,303
CHR1	11214616	CHR1:11214616	SSF x LoA	-8,50581637	-0,069	0,312
CHR1	11214625	CHR1:11214625	SSF x LoA	-9,47153898	-0,114	0,302
CHR1	11214648	CHR1:11214648	SSF x LoA	-8,9003889	0,121	0,307
CHR1	11220214	CHR1:11220214	SSF x LoA	-7,61868842	0,092	0,304
CHR1	11220225	CHR1:11220225	SSF x LoA	-7,71335595	0,118	0,294
CHR1	11228104	CHR1:11228104	SSF x LoA	-8,85433173	-0,067	0,304
CHR1	11228139	CHR1:11228139	SSF x LoA	-8,15602238	0,229	0,283
CHR1	11228148	CHR1:11228148	SSF x LoA	-9,10665492	0,001	0,308
CHR1	11228149	CHR1:11228149	SSF x LoA	-9,71720208	0,003	0,313
CHR1	11228156	CHR1:11228156	SSF x LoA	-5,30345492	0,090	0,328
CHR1	11228176	CHR1:11228176	SSF x LoA	-9,81241548	-0,140	0,307
CHR1	11228186	CHR1:11228186	SSF x LoA	-9,57739352	-0,065	0,300
CHR1	11228238	CHR1:11228238	SSF x LoA	-8,57932819	0,028	0,303
CHR1	11228325	CHR1:11228325	SSF x LoA	-8,37027608	0,084	0,305
CHR1	11228355	CHR1:11228355	SSF x LoA	-12,0020558	0,031	0,295
CHR1	11228357	CHR1:11228357	SSF x LoA	-10,9234849	-0,040	0,326
CHR1	11230999	CHR1:11230999	SSF x LoA	-10,4314642	-0,005	0,317
CHR1	11231079	CHR1:11231079	SSF x LoA	-8,18539415	-0,038	0,304
CHR1	11233046	CHR1:11233046	SSF x LoA	-8,14440841	-0,070	0,312
CHR1	11233068	CHR1:11233068	SSF x LoA	-11,7786321	0,028	0,304
CHR1	11233207	CHR1:11233207	SSF x LoA	-9,83889903	-0,100	0,297
CHR1	11235711	CHR1:11235711	SSF x LoA	-7,3814348	-0,067	0,310
CHR1	11235753	CHR1:11235753	SSF x LoA	-11,4936842	0,082	0,305
CHR1	11244361	CHR1:11244361	SSF x LoA	-11,1139943	0,025	0,311
CHR1	11247952	CHR1:11247952	SSF x LoA	-9,05499171	-0,094	0,304
CHR1	11247986	CHR1:11247986	SSF x LoA	-11,1613572	0,058	0,292
CHR1	11248027	CHR1:11248027	SSF x LoA	-10,9413516	0,007	0,308
CHR1	11248107	CHR1:11248107	SSF x LoA	-8,9090794	-0,018	0,322

CHR1	11248151	CHR1:11248151	SSF x LoA	-10,9299622	0,110	0,294
CHR1	11262278	CHR1:11262278	SSF x LoA	-8,15115615	-0,039	0,317
CHR1	11268540	CHR1:11268540	SSF x LoA	-10,7680127	-0,041	0,313
CHR1	11268581	CHR1:11268581	SSF x LoA	-12,0967421	0,001	0,297
CHR1	11268640	CHR1:11268640	SSF x LoA	-6,02401339	-0,154	0,290
CHR1	11268671	CHR1:11268671	SSF x LoA	-5,97907434	-0,192	0,289
CHR1	11277906	CHR1:11277906	SSF x LoA	-9,29050761	0,088	0,306
CHR1	11277961	CHR1:11277961	SSF x LoA	-6,91955574	0,131	0,296
CHR1	11302441	CHR1:11302441	SSF x LoA	-8,52949443	-0,123	0,302
CHR1	11302444	CHR1:11302444	SSF x LoA	-8,87409127	-0,098	0,304
CHR1	11302445	CHR1:11302445	SSF x LoA	-9,59273504	-0,089	0,304
CHR1	11304278	CHR1:11304278	SSF x LoA	-9,07582617	0,107	0,291
CHR1	11304586	CHR1:11304586	SSF x LoA	-10,7477407	0,087	0,296
CHR1	11310514	CHR1:11310514	SSF x LoA	-10,0268938	0,009	0,303
CHR1	11310616	CHR1:11310616	SSF x LoA	-10,7038331	-0,009	0,295
CHR1	11321189	CHR1:11321189	SSF x LoA	-7,77804368	0,079	0,305
CHR1	11321191	CHR1:11321191	SSF x LoA	-9,06069703	0,030	0,304
CHR1	11321196	CHR1:11321196	SSF x LoA	-5,81353625	0,054	0,318
CHR1	11321199	CHR1:11321199	SSF x LoA	-8,16703875	0,028	0,333
CHR1	11321214	CHR1:11321214	SSF x LoA	-10,6487253	-0,038	0,296
CHR1	11321230	CHR1:11321230	SSF x LoA	-6,78362214	-0,059	0,309
CHR1	11321322	CHR1:11321322	SSF x LoA	-9,26685737	0,084	0,310
CHR1	11321326	CHR1:11321326	SSF x LoA	-10,2130556	0,062	0,308
CHR1	11321338	CHR1:11321338	SSF x LoA	-7,03923638	-0,008	0,299
CHR1	1133142	CHR1:1133142	SSF x LoA	-12,2235734	-0,008	0,324
CHR1	11334336	CHR1:11334336	SSF x LoA	-7,60501407	0,085	0,318
CHR1	11334346	CHR1:11334346	SSF x LoA	-10,4592964	0,027	0,303
CHR1	11341782	CHR1:11341782	SSF x LoA	-9,84634085	0,047	0,319
CHR1	11341819	CHR1:11341819	SSF x LoA	-10,1932844	-0,028	0,314
CHR1	11341833	CHR1:11341833	SSF x LoA	-10,5712743	0,045	0,302
CHR1	11341855	CHR1:11341855	SSF x LoA	-9,37073261	0,005	0,293
CHR1	11346569	CHR1:11346569	SSF x LoA	-10,6635833	0,085	0,312
CHR1	11346646	CHR1:11346646	SSF x LoA	-4,65824519	-0,203	0,300
CHR1	11346755	CHR1:11346755	SSF x LoA	-9,40267129	0,117	0,303
CHR1	11346762	CHR1:11346762	SSF x LoA	-9,52426694	0,014	0,314
CHR1	11346778	CHR1:11346778	SSF x LoA	-6,91506999	0,122	0,319
CHR1	11346793	CHR1:11346793	SSF x LoA	-9,87953793	0,098	0,307
CHR1	11358572	CHR1:11358572	SSF x LoA	-8,65053957	-0,114	0,296
CHR1	11358782	CHR1:11358782	SSF x LoA	2,00048646	0,106	0,309
CHR1	11365788	CHR1:11365788	SSF x LoA	-9,40293331	-0,055	0,304
CHR1	11365891	CHR1:11365891	SSF x LoA	-9,24596545	-0,052	0,312
CHR1	11365900	CHR1:11365900	SSF x LoA	-4,2300076	0,113	0,317
CHR1	11368203	CHR1:11368203	SSF x LoA	-7,1112702	0,031	0,301
CHR1	11368204	CHR1:11368204	SSF x LoA	-10,8918772	0,039	0,299
CHR1	11368253	CHR1:11368253	SSF x LoA	-7,14677457	-0,060	0,308
CHR1	11368298	CHR1:11368298	SSF x LoA	-6,12691214	-0,111	0,296
CHR1	11371937	CHR1:11371937	SSF x LoA	-9,20507746	0,046	0,301
CHR1	11372026	CHR1:11372026	SSF x LoA	-11,8110055	-0,075	0,301
CHR1	11372071	CHR1:11372071	SSF x LoA	-11,4535259	0,018	0,301
CHR1	11373531	CHR1:11373531	SSF x LoA	-8,69460911	-0,011	0,303
CHR1	11389677	CHR1:11389677	SSF x LoA	-10,3688918	0,102	0,303
CHR1	11389750	CHR1:11389750	SSF x LoA	-6,22541774	0,101	0,313
CHR1	11389758	CHR1:11389758	SSF x LoA	-3,9277753	0,133	0,294

CHR1	11391266	CHR1:11391266	SSF x LoA	-9,95283238	-0,093	0,308
CHR1	11394209	CHR1:11394209	SSF x LoA	-5,32711063	-0,209	0,305
CHR1	11394242	CHR1:11394242	SSF x LoA	-7,31071737	0,056	0,308
CHR1	11439147	CHR1:11439147	SSF x LoA	-7,00732488	0,157	0,305
CHR1	11439302	CHR1:11439302	SSF x LoA	-10,9735877	-0,048	0,315
CHR1	11451683	CHR1:11451683	SSF x LoA	-9,38197115	-0,023	0,303
CHR1	11451698	CHR1:11451698	SSF x LoA	-9,9116692	-0,039	0,313
CHR1	11451740	CHR1:11451740	SSF x LoA	-8,21555776	0,100	0,315
CHR1	11458049	CHR1:11458049	SSF x LoA	-8,47238854	0,147	0,311
CHR1	11458084	CHR1:11458084	SSF x LoA	-9,83617059	0,067	0,296
CHR1	11461559	CHR1:11461559	SSF x LoA	-6,86421996	0,125	0,293
CHR1	11461579	CHR1:11461579	SSF x LoA	-6,1864335	0,128	0,297
CHR1	11461588	CHR1:11461588	SSF x LoA	-7,08720196	0,152	0,302
CHR1	11461597	CHR1:11461597	SSF x LoA	-6,26165864	0,182	0,283
CHR1	11480547	CHR1:11480547	SSF x LoA	-4,68123587	0,235	0,274
CHR1	1148736	CHR1:1148736	SSF x LoA	-8,57383144	0,071	0,290
CHR1	1148785	CHR1:1148785	SSF x LoA	-9,69857194	-0,026	0,318
CHR1	1148816	CHR1:1148816	SSF x LoA	-9,68927591	-0,026	0,306
CHR1	1148819	CHR1:1148819	SSF x LoA	-10,85101	-0,032	0,299
CHR1	1148848	CHR1:1148848	SSF x LoA	-8,98743131	0,138	0,319
CHR1	1148917	CHR1:1148917	SSF x LoA	-8,40490185	-0,070	0,309
CHR1	11501272	CHR1:11501272	SSF x LoA	-10,8264454	-0,058	0,313
CHR1	11506217	CHR1:11506217	SSF x LoA	-11,6403449	0,049	0,305
CHR1	11509028	CHR1:11509028	SSF x LoA	-7,87428035	-0,070	0,318
CHR1	11512425	CHR1:11512425	SSF x LoA	-9,89368694	0,109	0,298
CHR1	11515529	CHR1:11515529	SSF x LoA	-7,89649008	0,091	0,297
CHR1	11515693	CHR1:11515693	SSF x LoA	-11,6977568	0,009	0,307
CHR1	11519313	CHR1:11519313	SSF x LoA	-6,37916189	0,101	0,296
CHR1	11528047	CHR1:11528047	SSF x LoA	-10,3024339	0,007	0,302
CHR1	11528074	CHR1:11528074	SSF x LoA	-9,12583561	0,056	0,309
CHR1	11528104	CHR1:11528104	SSF x LoA	-9,09639952	-0,031	0,314
CHR1	11549557	CHR1:11549557	SSF x LoA	-7,33452145	-0,001	0,320
CHR1	11561480	CHR1:11561480	SSF x LoA	-10,0965321	0,073	0,324
CHR1	11561482	CHR1:11561482	SSF x LoA	-11,1798289	0,031	0,308
CHR1	11566542	CHR1:11566542	SSF x LoA	-9,2789676	-0,013	0,304
CHR1	11571095	CHR1:11571095	SSF x LoA	-6,14858359	-0,017	0,316
CHR1	11571134	CHR1:11571134	SSF x LoA	-8,66867769	0,069	0,303
CHR1	11571154	CHR1:11571154	SSF x LoA	-9,01470585	0,187	0,312
CHR1	11571170	CHR1:11571170	SSF x LoA	-10,3449072	-0,045	0,304
CHR1	11571173	CHR1:11571173	SSF x LoA	-7,81154704	-0,073	0,315
CHR1	11573911	CHR1:11573911	SSF x LoA	-9,40801472	0,035	0,301
CHR1	11573914	CHR1:11573914	SSF x LoA	-8,87227268	-0,023	0,314
CHR1	11573916	CHR1:11573916	SSF x LoA	-7,42307702	0,022	0,301
CHR1	11573953	CHR1:11573953	SSF x LoA	-9,49739127	0,014	0,309
CHR1	11573996	CHR1:11573996	SSF x LoA	-7,2951776	-0,046	0,302
CHR1	11574102	CHR1:11574102	SSF x LoA	-9,72938447	-0,033	0,304
CHR1	11586149	CHR1:11586149	SSF x LoA	-10,7935596	0,048	0,302
CHR1	11586225	CHR1:11586225	SSF x LoA	-6,84273564	-0,164	0,295
CHR1	11586233	CHR1:11586233	SSF x LoA	-3,5935579	-0,155	0,285
CHR1	11593958	CHR1:11593958	SSF x LoA	-7,84218459	-0,053	0,298
CHR1	11593972	CHR1:11593972	SSF x LoA	0,87181623	-0,161	0,295
CHR1	11593978	CHR1:11593978	SSF x LoA	-8,55146511	-0,006	0,310
CHR1	11593983	CHR1:11593983	SSF x LoA	-8,84712636	0,065	0,307

CHR1	11594084	CHR1:11594084	SSF x LoA	-11,2759614	-0,096	0,290
CHR1	11599405	CHR1:11599405	SSF x LoA	-10,5266341	0,055	0,302
CHR1	11599426	CHR1:11599426	SSF x LoA	-9,95858324	0,063	0,327
CHR1	11599447	CHR1:11599447	SSF x LoA	-9,3973181	0,036	0,304
CHR1	11599449	CHR1:11599449	SSF x LoA	-10,6992064	0,073	0,316
CHR1	11599461	CHR1:11599461	SSF x LoA	-10,9332662	0,027	0,304
CHR1	11599494	CHR1:11599494	SSF x LoA	-10,4286771	0,023	0,296
CHR1	11599498	CHR1:11599498	SSF x LoA	-8,15564671	-0,041	0,296
CHR1	11599523	CHR1:11599523	SSF x LoA	-9,04560628	0,073	0,303
CHR1	11599551	CHR1:11599551	SSF x LoA	-6,89423252	0,090	0,298
CHR1	11599557	CHR1:11599557	SSF x LoA	-10,4231839	-0,037	0,314
CHR1	11599558	CHR1:11599558	SSF x LoA	-10,70137	-0,036	0,301
CHR1	11599582	CHR1:11599582	SSF x LoA	-9,30920527	0,041	0,304
CHR1	11599608	CHR1:11599608	SSF x LoA	-7,81720737	0,014	0,302
CHR1	11600404	CHR1:11600404	SSF x LoA	-7,60537248	0,009	0,321
CHR1	11606552	CHR1:11606552	SSF x LoA	3,5601461	0,098	0,317
CHR1	11606616	CHR1:11606616	SSF x LoA	-10,4411771	0,003	0,317
CHR1	11606634	CHR1:11606634	SSF x LoA	-10,753277	0,077	0,301
CHR1	11606717	CHR1:11606717	SSF x LoA	-11,5274091	-0,008	0,292
CHR1	11606719	CHR1:11606719	SSF x LoA	-8,02989795	-0,044	0,309
CHR1	11609856	CHR1:11609856	SSF x LoA	-6,62333256	0,053	0,304
CHR1	11626113	CHR1:11626113	SSF x LoA	-9,59979005	-0,064	0,295
CHR1	11626153	CHR1:11626153	SSF x LoA	-9,57654895	-0,050	0,306
CHR1	11626197	CHR1:11626197	SSF x LoA	-7,97086881	0,046	0,303
CHR1	11626214	CHR1:11626214	SSF x LoA	-9,05441969	-0,018	0,309
CHR1	11626217	CHR1:11626217	SSF x LoA	-8,18711893	0,057	0,301
CHR1	11626255	CHR1:11626255	SSF x LoA	-9,60695516	-0,036	0,311
CHR1	11626265	CHR1:11626265	SSF x LoA	-9,58828776	0,020	0,323
CHR1	11633280	CHR1:11633280	SSF x LoA	-9,25307731	-0,012	0,298
CHR1	11633284	CHR1:11633284	SSF x LoA	-9,7311497	-0,028	0,288
CHR1	11633314	CHR1:11633314	SSF x LoA	-9,3792659	-0,013	0,294
CHR1	11633317	CHR1:11633317	SSF x LoA	-6,37247087	0,086	0,319
CHR1	11633356	CHR1:11633356	SSF x LoA	-9,77566832	-0,005	0,305
CHR1	11633380	CHR1:11633380	SSF x LoA	-10,5723824	-0,077	0,306
CHR1	11633385	CHR1:11633385	SSF x LoA	-9,90671184	-0,083	0,314
CHR1	11633428	CHR1:11633428	SSF x LoA	-8,47903313	-0,067	0,314
CHR1	11633477	CHR1:11633477	SSF x LoA	-10,6321615	-0,030	0,305
CHR1	11635794	CHR1:11635794	SSF x LoA	-8,97942687	0,114	0,313
CHR1	11635798	CHR1:11635798	SSF x LoA	-8,44637471	0,129	0,300
CHR1	11635862	CHR1:11635862	SSF x LoA	-5,55611626	-0,099	0,304
CHR1	11637000	CHR1:11637000	SSF x LoA	-10,2569641	-0,021	0,292
CHR1	11660040	CHR1:11660040	SSF x LoA	-8,60478941	0,049	0,298
CHR1	11660065	CHR1:11660065	SSF x LoA	-7,39924401	-0,129	0,308
CHR1	11663430	CHR1:11663430	SSF x LoA	-6,97835624	-0,068	0,296
CHR1	11663476	CHR1:11663476	SSF x LoA	-9,45010884	0,059	0,286
CHR1	11667861	CHR1:11667861	SSF x LoA	-10,0876682	0,119	0,297
CHR1	11674411	CHR1:11674411	SSF x LoA	-1,71551082	-0,065	0,309
CHR1	11674485	CHR1:11674485	SSF x LoA	-9,94230779	-0,055	0,306
CHR1	11674491	CHR1:11674491	SSF x LoA	-7,48004531	0,007	0,314
CHR1	11674510	CHR1:11674510	SSF x LoA	-9,41338627	-0,106	0,313
CHR1	11674645	CHR1:11674645	SSF x LoA	-9,76161078	-0,047	0,295
CHR1	11678685	CHR1:11678685	SSF x LoA	-9,30831851	0,044	0,288
CHR1	1167971	CHR1:1167971	SSF x LoA	-10,006266	-0,099	0,293

CHR1	1167998	CHR1:1167998	SSF x LoA	-8,08522657	-0,020	0,301
CHR1	1168022	CHR1:1168022	SSF x LoA	-8,12893071	-0,209	0,307
CHR1	1168051	CHR1:1168051	SSF x LoA	-8,75223452	-0,023	0,306
CHR1	11692864	CHR1:11692864	SSF x LoA	-8,7428066	-0,109	0,314
CHR1	11693008	CHR1:11693008	SSF x LoA	-9,25219732	0,008	0,302
CHR1	1169338	CHR1:1169338	SSF x LoA	-8,26031265	0,009	0,310
CHR1	1169342	CHR1:1169342	SSF x LoA	-8,80489948	-0,016	0,301
CHR1	1169522	CHR1:1169522	SSF x LoA	5,76563235	-0,121	0,303
CHR1	11699530	CHR1:11699530	SSF x LoA	-6,27162713	-0,094	0,316
CHR1	11699611	CHR1:11699611	SSF x LoA	-10,2440506	-0,013	0,301
CHR1	11699640	CHR1:11699640	SSF x LoA	-10,1064611	-0,001	0,300
CHR1	11699698	CHR1:11699698	SSF x LoA	-9,54153595	-0,040	0,310
CHR1	11699701	CHR1:11699701	SSF x LoA	-10,8688649	0,012	0,304
CHR1	11699704	CHR1:11699704	SSF x LoA	-11,6070485	0,023	0,306
CHR1	11699723	CHR1:11699723	SSF x LoA	-10,1055911	0,057	0,300
CHR1	11699749	CHR1:11699749	SSF x LoA	-9,721544	0,116	0,307
CHR1	11699756	CHR1:11699756	SSF x LoA	-10,0694307	-0,025	0,291
CHR1	11703414	CHR1:11703414	SSF x LoA	-8,66525716	0,068	0,293
CHR1	11703426	CHR1:11703426	SSF x LoA	-8,88068153	0,083	0,308
CHR1	11703427	CHR1:11703427	SSF x LoA	-9,76239576	0,037	0,305
CHR1	11703437	CHR1:11703437	SSF x LoA	-12,1739809	-0,024	0,285
CHR1	11703530	CHR1:11703530	SSF x LoA	-5,81018783	0,020	0,319
CHR1	11703599	CHR1:11703599	SSF x LoA	-10,7805784	-0,052	0,303
CHR1	1170806	CHR1:1170806	SSF x LoA	-7,04037123	-0,168	0,301
CHR1	11716889	CHR1:11716889	SSF x LoA	-9,49346132	-0,041	0,316
CHR1	11716948	CHR1:11716948	SSF x LoA	-8,92265859	-0,112	0,291
CHR1	11721514	CHR1:11721514	SSF x LoA	-11,6790811	-0,006	0,297
CHR1	11721545	CHR1:11721545	SSF x LoA	-8,34110226	0,004	0,306
CHR1	11721595	CHR1:11721595	SSF x LoA	-9,34585511	-0,073	0,293
CHR1	11722336	CHR1:11722336	SSF x LoA	-8,10126238	-0,050	0,309
CHR1	11722635	CHR1:11722635	SSF x LoA	-11,1521307	0,037	0,307
CHR1	11722693	CHR1:11722693	SSF x LoA	-8,45532008	0,066	0,302
CHR1	11732568	CHR1:11732568	SSF x LoA	-7,14040419	-0,165	0,309
CHR1	11734909	CHR1:11734909	SSF x LoA	-10,5658933	0,008	0,309
CHR1	11734940	CHR1:11734940	SSF x LoA	-8,11952946	0,097	0,321
CHR1	11746055	CHR1:11746055	SSF x LoA	-10,541126	-0,017	0,293
CHR1	11746056	CHR1:11746056	SSF x LoA	-9,2032578	-0,009	0,305
CHR1	11750078	CHR1:11750078	SSF x LoA	-10,6541557	0,014	0,304
CHR1	11750287	CHR1:11750287	SSF x LoA	-9,31557105	-0,020	0,311
CHR1	11750308	CHR1:11750308	SSF x LoA	-9,6471357	-0,034	0,307
CHR1	11750329	CHR1:11750329	SSF x LoA	-10,5332639	-0,016	0,290
CHR1	11750377	CHR1:11750377	SSF x LoA	-11,8857428	-0,065	0,304
CHR1	11750381	CHR1:11750381	SSF x LoA	-8,28273872	-0,056	0,306
CHR1	11752162	CHR1:11752162	SSF x LoA	-9,45826745	-0,194	0,299
CHR1	11752163	CHR1:11752163	SSF x LoA	-6,21754809	-0,220	0,299
CHR1	11752206	CHR1:11752206	SSF x LoA	-9,44407818	0,018	0,307
CHR1	11752294	CHR1:11752294	SSF x LoA	-9,36918648	0,006	0,302
CHR1	11754894	CHR1:11754894	SSF x LoA	-11,836685	0,038	0,295
CHR1	11755028	CHR1:11755028	SSF x LoA	-7,32774841	0,120	0,306
CHR1	11755048	CHR1:11755048	SSF x LoA	-5,33419479	-0,070	0,297
CHR1	11755065	CHR1:11755065	SSF x LoA	-9,92741428	0,006	0,300
CHR1	11765232	CHR1:11765232	SSF x LoA	-7,04975468	-0,011	0,303
CHR1	11769985	CHR1:11769985	SSF x LoA	-10,9274347	-0,066	0,312

CHR1	11770002	CHR1:11770002	SSF x LoA	-9,6428374	0,054	0,307
CHR1	11770072	CHR1:11770072	SSF x LoA	-6,70174214	-0,135	0,298
CHR1	11770098	CHR1:11770098	SSF x LoA	-10,7120177	0,108	0,304
CHR1	11770109	CHR1:11770109	SSF x LoA	-11,4282049	-0,020	0,320
CHR1	1177187	CHR1:1177187	SSF x LoA	-10,5991065	-0,100	0,302
CHR1	1177304	CHR1:1177304	SSF x LoA	-11,3499202	-0,039	0,312
CHR1	11773149	CHR1:11773149	SSF x LoA	-6,7562309	0,129	0,304
CHR1	11773224	CHR1:11773224	SSF x LoA	-6,33438504	0,082	0,308
CHR1	11773345	CHR1:11773345	SSF x LoA	-10,348903	-0,053	0,312
CHR1	1177336	CHR1:1177336	SSF x LoA	-10,1409165	-0,013	0,318
CHR1	11778333	CHR1:11778333	SSF x LoA	-9,11130532	0,004	0,305
CHR1	11782488	CHR1:11782488	SSF x LoA	-9,39295486	-0,128	0,307
CHR1	117838	CHR1:117838	SSF x LoA	-10,6914468	-0,036	0,302
CHR1	11787279	CHR1:11787279	SSF x LoA	-8,22903	0,051	0,314
CHR1	11787524	CHR1:11787524	SSF x LoA	-7,95337689	-0,148	0,299
CHR1	11801328	CHR1:11801328	SSF x LoA	-7,6495037	-0,134	0,300
CHR1	11801501	CHR1:11801501	SSF x LoA	-10,1126407	-0,101	0,302
CHR1	11801592	CHR1:11801592	SSF x LoA	-9,50022915	0,026	0,306
CHR1	11809085	CHR1:11809085	SSF x LoA	-11,2380827	-0,001	0,310
CHR1	11814535	CHR1:11814535	SSF x LoA	-9,62999328	-0,094	0,299
CHR1	11814655	CHR1:11814655	SSF x LoA	-9,54257004	0,064	0,299
CHR1	11818063	CHR1:11818063	SSF x LoA	-11,5079238	0,004	0,304
CHR1	11823904	CHR1:11823904	SSF x LoA	-10,8619891	-0,107	0,315
CHR1	11823924	CHR1:11823924	SSF x LoA	-11,1188446	-0,068	0,308
CHR1	11823934	CHR1:11823934	SSF x LoA	-8,75996637	-0,106	0,312
CHR1	11826765	CHR1:11826765	SSF x LoA	-4,57569231	-0,063	0,307
CHR1	11826766	CHR1:11826766	SSF x LoA	-8,41502386	-0,042	0,304
CHR1	1182783	CHR1:1182783	SSF x LoA	-8,51312067	-0,075	0,309
CHR1	1182859	CHR1:1182859	SSF x LoA	-10,1541471	-0,078	0,297
CHR1	1182860	CHR1:1182860	SSF x LoA	-10,3680332	-0,039	0,295
CHR1	11830466	CHR1:11830466	SSF x LoA	-11,403375	0,021	0,299
CHR1	11830467	CHR1:11830467	SSF x LoA	-6,35774834	0,111	0,314
CHR1	11830573	CHR1:11830573	SSF x LoA	-8,74277579	-0,045	0,316
CHR1	11830637	CHR1:11830637	SSF x LoA	-10,902367	-0,159	0,304
CHR1	11837026	CHR1:11837026	SSF x LoA	-9,87119777	-0,047	0,306
CHR1	11837058	CHR1:11837058	SSF x LoA	-10,6105554	0,015	0,305
CHR1	11837125	CHR1:11837125	SSF x LoA	-8,79824061	0,034	0,304
CHR1	11837186	CHR1:11837186	SSF x LoA	-9,61964003	-0,010	0,306
CHR1	11837205	CHR1:11837205	SSF x LoA	-9,33450518	-0,012	0,304
CHR1	11871250	CHR1:11871250	SSF x LoA	-5,21221291	-0,134	0,295
CHR1	11871260	CHR1:11871260	SSF x LoA	-11,176263	0,027	0,324
CHR1	11877566	CHR1:11877566	SSF x LoA	-8,10147144	0,005	0,310
CHR1	11885636	CHR1:11885636	SSF x LoA	-10,1769027	0,031	0,319
CHR1	11901260	CHR1:11901260	SSF x LoA	-7,45864468	0,124	0,312
CHR1	11925997	CHR1:11925997	SSF x LoA	-8,25640943	0,085	0,302
CHR1	11926012	CHR1:11926012	SSF x LoA	-10,9305378	0,017	0,300
CHR1	11926040	CHR1:11926040	SSF x LoA	-10,6808076	0,053	0,310
CHR1	11926099	CHR1:11926099	SSF x LoA	-5,84230736	-0,019	0,325
CHR1	1192874	CHR1:1192874	SSF x LoA	-10,4737686	-0,048	0,298
CHR1	1192929	CHR1:1192929	SSF x LoA	-9,35996046	0,035	0,311
CHR1	1193034	CHR1:1193034	SSF x LoA	-11,3500005	-0,089	0,296
CHR1	11964162	CHR1:11964162	SSF x LoA	-7,79075542	0,055	0,308
CHR1	11964191	CHR1:11964191	SSF x LoA	-10,7275987	0,021	0,300

CHR1	11964242	CHR1:11964242	SSF x LoA	-9,48212502	-0,071	0,318
CHR1	11964275	CHR1:11964275	SSF x LoA	-7,80978254	-0,120	0,317
CHR1	11967824	CHR1:11967824	SSF x LoA	-8,66788802	0,006	0,288
CHR1	11967830	CHR1:11967830	SSF x LoA	-10,41496	0,030	0,312
CHR1	11967858	CHR1:11967858	SSF x LoA	-10,6591296	-0,018	0,312
CHR1	11967999	CHR1:11967999	SSF x LoA	-9,17835141	0,019	0,300
CHR1	11968071	CHR1:11968071	SSF x LoA	-9,65712795	0,033	0,299
CHR1	11971863	CHR1:11971863	SSF x LoA	-9,26431978	-0,064	0,307
CHR1	11972674	CHR1:11972674	SSF x LoA	-8,37238502	0,048	0,309
CHR1	11977617	CHR1:11977617	SSF x LoA	-9,94030328	0,029	0,314
CHR1	11977635	CHR1:11977635	SSF x LoA	-9,92109387	0,047	0,302
CHR1	11977643	CHR1:11977643	SSF x LoA	-6,70711843	0,102	0,304
CHR1	11977679	CHR1:11977679	SSF x LoA	-11,2174198	-0,036	0,301
CHR1	11977761	CHR1:11977761	SSF x LoA	-10,1288369	0,014	0,298
CHR1	11977867	CHR1:11977867	SSF x LoA	-9,5016356	0,002	0,317
CHR1	11981639	CHR1:11981639	SSF x LoA	-9,45706749	0,098	0,313
CHR1	11981668	CHR1:11981668	SSF x LoA	-11,2612805	-0,049	0,293
CHR1	11981699	CHR1:11981699	SSF x LoA	-9,10527974	0,104	0,301
CHR1	1198691	CHR1:1198691	SSF x LoA	-8,19814334	-0,054	0,287
CHR1	11987066	CHR1:11987066	SSF x LoA	-11,4812799	0,087	0,306
CHR1	11987088	CHR1:11987088	SSF x LoA	-7,25944032	-0,122	0,300
CHR1	11987141	CHR1:11987141	SSF x LoA	-7,89291233	0,120	0,303
CHR1	11987157	CHR1:11987157	SSF x LoA	-6,1509014	0,067	0,310
CHR1	11987158	CHR1:11987158	SSF x LoA	-12,037727	-0,065	0,301
CHR1	11987159	CHR1:11987159	SSF x LoA	-10,0790252	-0,074	0,318
CHR1	11987164	CHR1:11987164	SSF x LoA	-5,88067605	-0,020	0,312
CHR1	11990613	CHR1:11990613	SSF x LoA	-10,6585991	-0,031	0,300
CHR1	11990632	CHR1:11990632	SSF x LoA	-11,7568596	-0,001	0,299
CHR1	11990686	CHR1:11990686	SSF x LoA	-6,86612363	0,096	0,305
CHR1	11990687	CHR1:11990687	SSF x LoA	-9,38291071	0,063	0,306
CHR1	11990741	CHR1:11990741	SSF x LoA	-3,83324076	0,224	0,282
CHR1	11990747	CHR1:11990747	SSF x LoA	-8,6238136	-0,107	0,311
CHR1	11990757	CHR1:11990757	SSF x LoA	-9,1994211	0,015	0,310
CHR1	11990808	CHR1:11990808	SSF x LoA	-9,17585515	-0,006	0,311
CHR1	11990809	CHR1:11990809	SSF x LoA	-2,9440973	0,225	0,288
CHR1	11990871	CHR1:11990871	SSF x LoA	-11,0412449	-0,112	0,305
CHR1	11990885	CHR1:11990885	SSF x LoA	-3,46932939	-0,177	0,306
CHR1	11996165	CHR1:11996165	SSF x LoA	-9,27926317	-0,046	0,317
CHR1	12005972	CHR1:12005972	SSF x LoA	-10,4831553	0,025	0,307
CHR1	12006007	CHR1:12006007	SSF x LoA	-10,5167534	0,086	0,305
CHR1	12006044	CHR1:12006044	SSF x LoA	-8,10154968	-0,012	0,310
CHR1	12006048	CHR1:12006048	SSF x LoA	-7,82636436	0,011	0,305
CHR1	12006062	CHR1:12006062	SSF x LoA	-9,07046738	0,011	0,319
CHR1	12010553	CHR1:12010553	SSF x LoA	-10,6322471	0,027	0,309
CHR1	12010585	CHR1:12010585	SSF x LoA	-9,26513144	0,041	0,303
CHR1	12010607	CHR1:12010607	SSF x LoA	-9,53696329	-0,009	0,313
CHR1	12010650	CHR1:12010650	SSF x LoA	-4,11569839	0,108	0,305
CHR1	12010669	CHR1:12010669	SSF x LoA	-11,1921638	0,002	0,313
CHR1	12010709	CHR1:12010709	SSF x LoA	-11,3524481	0,034	0,308
CHR1	12010722	CHR1:12010722	SSF x LoA	-11,261275	0,011	0,305
CHR1	12010729	CHR1:12010729	SSF x LoA	-10,3988511	0,032	0,300
CHR1	12010838	CHR1:12010838	SSF x LoA	-8,89866012	-0,121	0,288
CHR1	12010840	CHR1:12010840	SSF x LoA	-6,2261028	-0,120	0,304

CHR1	12010842	CHR1:12010842	SSF x LoA	-9,1338248	-0,123	0,298
CHR1	12010860	CHR1:12010860	SSF x LoA	-7,63175575	-0,074	0,307
CHR1	12010861	CHR1:12010861	SSF x LoA	-7,99298414	-0,019	0,307
CHR1	12010868	CHR1:12010868	SSF x LoA	-7,08101925	-0,053	0,303
CHR1	12028400	CHR1:12028400	SSF x LoA	-9,10429621	0,011	0,313
CHR1	12028427	CHR1:12028427	SSF x LoA	-9,22424475	-0,014	0,326
CHR1	12028438	CHR1:12028438	SSF x LoA	-10,394562	0,044	0,324
CHR1	12030351	CHR1:12030351	SSF x LoA	-11,5024298	0,077	0,310
CHR1	12031229	CHR1:12031229	SSF x LoA	-2,74523629	-0,073	0,309
CHR1	12031246	CHR1:12031246	SSF x LoA	-9,00481841	0,073	0,312
CHR1	12031253	CHR1:12031253	SSF x LoA	-9,4373657	0,055	0,305
CHR1	12031264	CHR1:12031264	SSF x LoA	-9,6834641	0,079	0,303
CHR1	12031266	CHR1:12031266	SSF x LoA	-8,24206673	0,065	0,310
CHR1	12031325	CHR1:12031325	SSF x LoA	-11,5912633	0,017	0,310
CHR1	12031332	CHR1:12031332	SSF x LoA	-11,4319449	0,008	0,306
CHR1	1204260	CHR1:1204260	SSF x LoA	-7,4651197	-0,082	0,293
CHR1	1204288	CHR1:1204288	SSF x LoA	-8,39179112	-0,015	0,311
CHR1	1204290	CHR1:1204290	SSF x LoA	-11,2314249	-0,067	0,298
CHR1	1204368	CHR1:1204368	SSF x LoA	-7,7679362	-0,109	0,303
CHR1	1204521	CHR1:1204521	SSF x LoA	-10,9269504	-0,082	0,287
CHR1	12047332	CHR1:12047332	SSF x LoA	-6,4726591	-0,064	0,314
CHR1	12047397	CHR1:12047397	SSF x LoA	-10,8130617	-0,127	0,302
CHR1	12047410	CHR1:12047410	SSF x LoA	-11,1801789	-0,050	0,314
CHR1	12047416	CHR1:12047416	SSF x LoA	-11,0498129	-0,058	0,300
CHR1	12047625	CHR1:12047625	SSF x LoA	-9,16589605	-0,046	0,295
CHR1	12047629	CHR1:12047629	SSF x LoA	-7,25011931	0,014	0,306
CHR1	12047631	CHR1:12047631	SSF x LoA	-10,4210712	-0,028	0,319
CHR1	12047654	CHR1:12047654	SSF x LoA	-8,69738143	-0,042	0,299
CHR1	12047734	CHR1:12047734	SSF x LoA	-10,1002734	-0,065	0,298
CHR1	1209531	CHR1:1209531	SSF x LoA	-11,9481601	0,060	0,304
CHR1	1209533	CHR1:1209533	SSF x LoA	-9,14016557	0,122	0,287
CHR1	1209541	CHR1:1209541	SSF x LoA	-8,66736919	-0,075	0,306
CHR1	1209543	CHR1:1209543	SSF x LoA	-6,32121785	-0,058	0,300
CHR1	12098237	CHR1:12098237	SSF x LoA	-10,8660263	0,027	0,306
CHR1	12100182	CHR1:12100182	SSF x LoA	-11,450342	-0,021	0,310
CHR1	12100184	CHR1:12100184	SSF x LoA	-10,7619549	-0,013	0,306
CHR1	12100215	CHR1:12100215	SSF x LoA	-11,0527531	-0,090	0,291
CHR1	12100345	CHR1:12100345	SSF x LoA	-8,72616538	0,159	0,309
CHR1	12100382	CHR1:12100382	SSF x LoA	-10,6079984	-0,149	0,308
CHR1	12100405	CHR1:12100405	SSF x LoA	-6,99086677	0,059	0,313
CHR1	12105206	CHR1:12105206	SSF x LoA	-9,46883343	0,100	0,306
CHR1	12105207	CHR1:12105207	SSF x LoA	-9,27650563	0,132	0,316
CHR1	12110840	CHR1:12110840	SSF x LoA	-9,47530207	0,032	0,312
CHR1	12110846	CHR1:12110846	SSF x LoA	-7,45293719	0,035	0,312
CHR1	12110848	CHR1:12110848	SSF x LoA	-9,51243274	0,019	0,319
CHR1	12110957	CHR1:12110957	SSF x LoA	-7,26469369	0,102	0,303
CHR1	12115456	CHR1:12115456	SSF x LoA	-9,07965873	0,053	0,298
CHR1	12115463	CHR1:12115463	SSF x LoA	-9,61550621	0,033	0,292
CHR1	12115485	CHR1:12115485	SSF x LoA	-10,6210465	0,054	0,292
CHR1	12115492	CHR1:12115492	SSF x LoA	-8,56728791	-0,018	0,307
CHR1	12121911	CHR1:12121911	SSF x LoA	-8,59200436	0,001	0,316
CHR1	12121922	CHR1:12121922	SSF x LoA	-8,86769972	-0,022	0,316
CHR1	12121926	CHR1:12121926	SSF x LoA	-9,71539063	-0,017	0,307

CHR1	12122133	CHR1:12122133	SSF x LoA	-3,07681087	-0,033	0,314
CHR1	12123533	CHR1:12123533	SSF x LoA	-10,0081912	-0,024	0,318
CHR1	12123546	CHR1:12123546	SSF x LoA	-10,9331025	0,074	0,305
CHR1	12123685	CHR1:12123685	SSF x LoA	-5,65497542	-0,158	0,310
CHR1	12123699	CHR1:12123699	SSF x LoA	-10,704666	-0,032	0,300
CHR1	12127378	CHR1:12127378	SSF x LoA	-9,49685368	0,111	0,302
CHR1	12127528	CHR1:12127528	SSF x LoA	-8,98598561	-0,051	0,313
CHR1	12127554	CHR1:12127554	SSF x LoA	-10,9257017	0,009	0,302
CHR1	12127583	CHR1:12127583	SSF x LoA	-10,1608101	0,075	0,306
CHR1	12131702	CHR1:12131702	SSF x LoA	-10,2990884	-0,039	0,307
CHR1	12131805	CHR1:12131805	SSF x LoA	-9,53779612	0,028	0,314
CHR1	12131885	CHR1:12131885	SSF x LoA	-10,7192684	0,000	0,302
CHR1	12131964	CHR1:12131964	SSF x LoA	-9,36569726	0,115	0,308
CHR1	12133531	CHR1:12133531	SSF x LoA	-7,59735626	0,130	0,304
CHR1	12133578	CHR1:12133578	SSF x LoA	-9,14713532	-0,075	0,307
CHR1	12136136	CHR1:12136136	SSF x LoA	-10,5109912	0,009	0,314
CHR1	12136156	CHR1:12136156	SSF x LoA	-9,67206834	-0,091	0,312
CHR1	12140299	CHR1:12140299	SSF x LoA	-11,9972444	0,001	0,308
CHR1	12140457	CHR1:12140457	SSF x LoA	-5,70771408	0,108	0,310
CHR1	12140569	CHR1:12140569	SSF x LoA	-12,210331	-0,025	0,306
CHR1	12145621	CHR1:12145621	SSF x LoA	-11,2096408	0,038	0,305
CHR1	12158398	CHR1:12158398	SSF x LoA	-6,9546436	-0,175	0,286
CHR1	12158413	CHR1:12158413	SSF x LoA	-10,1898364	0,083	0,308
CHR1	12158414	CHR1:12158414	SSF x LoA	-10,7805895	0,059	0,307
CHR1	12158425	CHR1:12158425	SSF x LoA	-9,85645251	0,026	0,290
CHR1	12158447	CHR1:12158447	SSF x LoA	-7,45054519	-0,179	0,298
CHR1	12158472	CHR1:12158472	SSF x LoA	-10,0735764	0,094	0,302
CHR1	12158500	CHR1:12158500	SSF x LoA	-10,8909347	0,010	0,305
CHR1	12167245	CHR1:12167245	SSF x LoA	-6,80278076	0,064	0,308
CHR1	12167348	CHR1:12167348	SSF x LoA	-10,0648119	-0,039	0,305
CHR1	12167373	CHR1:12167373	SSF x LoA	-5,67660855	-0,064	0,325
CHR1	12167411	CHR1:12167411	SSF x LoA	-9,20399053	-0,094	0,317
CHR1	12174914	CHR1:12174914	SSF x LoA	-5,43613512	0,146	0,305
CHR1	12174932	CHR1:12174932	SSF x LoA	-8,26030484	-0,149	0,304
CHR1	12175002	CHR1:12175002	SSF x LoA	-7,48945762	-0,099	0,302
CHR1	12175015	CHR1:12175015	SSF x LoA	-8,79342983	0,019	0,312
CHR1	12175076	CHR1:12175076	SSF x LoA	-11,5354934	-0,065	0,317
CHR1	12175081	CHR1:12175081	SSF x LoA	-9,60089227	0,087	0,302
CHR1	12175095	CHR1:12175095	SSF x LoA	-10,3444739	-0,005	0,315
CHR1	12175097	CHR1:12175097	SSF x LoA	-8,06981538	-0,031	0,317
CHR1	12175131	CHR1:12175131	SSF x LoA	-7,46634063	0,038	0,300
CHR1	12175135	CHR1:12175135	SSF x LoA	-9,13480551	-0,162	0,309
CHR1	12175141	CHR1:12175141	SSF x LoA	-12,1164334	0,058	0,288
CHR1	12175145	CHR1:12175145	SSF x LoA	-8,75402131	-0,078	0,307
CHR1	12186322	CHR1:12186322	SSF x LoA	-11,5724181	0,026	0,305
CHR1	12193752	CHR1:12193752	SSF x LoA	-10,1248119	0,125	0,299
CHR1	12193767	CHR1:12193767	SSF x LoA	-10,4162811	0,038	0,315
CHR1	12193786	CHR1:12193786	SSF x LoA	-3,27259411	-0,220	0,289
CHR1	12193857	CHR1:12193857	SSF x LoA	-7,50631214	0,164	0,308
CHR1	12195582	CHR1:12195582	SSF x LoA	-10,6442315	0,015	0,295
CHR1	12195703	CHR1:12195703	SSF x LoA	-7,4996332	-0,168	0,297
CHR1	12195773	CHR1:12195773	SSF x LoA	-9,75268588	0,120	0,302
CHR1	12199335	CHR1:12199335	SSF x LoA	-5,99951515	-0,186	0,293

CHR1	12199337	CHR1:12199337	SSF x LoA	-6,76201393	0,137	0,312
CHR1	12199340	CHR1:12199340	SSF x LoA	-9,59178984	-0,011	0,304
CHR1	12199510	CHR1:12199510	SSF x LoA	-9,63111813	-0,069	0,312
CHR1	12199589	CHR1:12199589	SSF x LoA	-9,37810537	0,050	0,306
CHR1	12199640	CHR1:12199640	SSF x LoA	-4,06596926	-0,104	0,311
CHR1	12205681	CHR1:12205681	SSF x LoA	-7,0910992	0,218	0,292
CHR1	12205913	CHR1:12205913	SSF x LoA	-10,579112	0,017	0,298
CHR1	12220381	CHR1:12220381	SSF x LoA	-7,76565093	-0,002	0,317
CHR1	12220453	CHR1:12220453	SSF x LoA	-8,1001509	0,084	0,305
CHR1	12220455	CHR1:12220455	SSF x LoA	3,29955647	0,191	0,297
CHR1	12220502	CHR1:12220502	SSF x LoA	-6,30931632	0,135	0,316
CHR1	12220619	CHR1:12220619	SSF x LoA	-9,00190906	-0,050	0,303
CHR1	1222432	CHR1:1222432	SSF x LoA	-7,85000357	-0,005	0,296
CHR1	1222510	CHR1:1222510	SSF x LoA	-9,56810421	-0,025	0,305
CHR1	12237944	CHR1:12237944	SSF x LoA	-7,13288876	0,079	0,310
CHR1	12237968	CHR1:12237968	SSF x LoA	-9,9985698	-0,020	0,303
CHR1	12255287	CHR1:12255287	SSF x LoA	-10,8471519	-0,021	0,307
CHR1	12255311	CHR1:12255311	SSF x LoA	-11,2301008	0,008	0,304
CHR1	12255326	CHR1:12255326	SSF x LoA	-10,4167872	-0,050	0,318
CHR1	12255409	CHR1:12255409	SSF x LoA	-8,88644996	-0,064	0,308
CHR1	12255469	CHR1:12255469	SSF x LoA	-8,22836013	0,015	0,322
CHR1	12255510	CHR1:12255510	SSF x LoA	-9,36836463	0,133	0,325
CHR1	1225877	CHR1:1225877	SSF x LoA	-10,6140943	0,004	0,316
CHR1	1225880	CHR1:1225880	SSF x LoA	-9,64568722	0,018	0,303
CHR1	12259241	CHR1:12259241	SSF x LoA	-9,57130739	0,016	0,312
CHR1	12259274	CHR1:12259274	SSF x LoA	-8,07246241	-0,080	0,307
CHR1	12259476	CHR1:12259476	SSF x LoA	-10,5824913	-0,005	0,296
CHR1	12259501	CHR1:12259501	SSF x LoA	-7,58567854	-0,014	0,307
CHR1	1225952	CHR1:1225952	SSF x LoA	-8,65099773	0,149	0,305
CHR1	1226019	CHR1:1226019	SSF x LoA	-7,65012177	0,054	0,314
CHR1	1226113	CHR1:1226113	SSF x LoA	-11,8218212	0,039	0,297
CHR1	1226160	CHR1:1226160	SSF x LoA	-9,84145718	-0,034	0,316
CHR1	12325488	CHR1:12325488	SSF x LoA	-9,43189568	0,009	0,310
CHR1	12325489	CHR1:12325489	SSF x LoA	-8,9664746	0,042	0,313
CHR1	12325527	CHR1:12325527	SSF x LoA	-9,10977813	-0,092	0,295
CHR1	12325601	CHR1:12325601	SSF x LoA	-11,6472103	-0,011	0,299
CHR1	12325611	CHR1:12325611	SSF x LoA	-10,2449203	0,027	0,305
CHR1	12325635	CHR1:12325635	SSF x LoA	-2,41735029	0,024	0,300
CHR1	12325979	CHR1:12325979	SSF x LoA	-9,32215907	0,057	0,306
CHR1	12326037	CHR1:12326037	SSF x LoA	-11,4575032	0,055	0,316
CHR1	12326068	CHR1:12326068	SSF x LoA	-7,85397584	-0,139	0,305
CHR1	12331606	CHR1:12331606	SSF x LoA	-11,9462116	-0,009	0,302
CHR1	12331623	CHR1:12331623	SSF x LoA	-7,98463097	-0,001	0,320
CHR1	12331634	CHR1:12331634	SSF x LoA	-7,96636886	-0,124	0,302
CHR1	12331639	CHR1:12331639	SSF x LoA	-0,40031373	-0,103	0,295
CHR1	12331702	CHR1:12331702	SSF x LoA	-8,34208246	0,057	0,317
CHR1	12331711	CHR1:12331711	SSF x LoA	-8,58610631	0,058	0,312
CHR1	12340642	CHR1:12340642	SSF x LoA	-9,11284411	0,048	0,301
CHR1	12340660	CHR1:12340660	SSF x LoA	-9,0451661	0,032	0,306
CHR1	12355229	CHR1:12355229	SSF x LoA	-11,6595624	0,027	0,294
CHR1	12355310	CHR1:12355310	SSF x LoA	-9,32589839	0,082	0,305
CHR1	12373001	CHR1:12373001	SSF x LoA	-8,26014836	0,049	0,303
CHR1	12397862	CHR1:12397862	SSF x LoA	-7,69492126	-0,197	0,303

CHR1	12403966	CHR1:12403966	SSF x LoA	-7,18767512	-0,003	0,308
CHR1	12404009	CHR1:12404009	SSF x LoA	-10,2709071	-0,082	0,295
CHR1	12404054	CHR1:12404054	SSF x LoA	-5,29291559	0,024	0,308
CHR1	12404055	CHR1:12404055	SSF x LoA	-8,0229136	0,049	0,300
CHR1	12411598	CHR1:12411598	SSF x LoA	-9,01964817	0,056	0,299
CHR1	12411604	CHR1:12411604	SSF x LoA	-10,9171446	-0,112	0,295
CHR1	12411770	CHR1:12411770	SSF x LoA	-8,54311016	-0,042	0,297
CHR1	12436019	CHR1:12436019	SSF x LoA	-8,0394749	-0,010	0,307
CHR1	12436808	CHR1:12436808	SSF x LoA	-7,86799778	0,047	0,303
CHR1	1244524	CHR1:1244524	SSF x LoA	-9,45516032	0,017	0,301
CHR1	12449716	CHR1:12449716	SSF x LoA	-11,4656752	-0,063	0,319
CHR1	12449815	CHR1:12449815	SSF x LoA	-11,1130337	0,097	0,300
CHR1	12449969	CHR1:12449969	SSF x LoA	-8,59751943	0,028	0,311
CHR1	12471590	CHR1:12471590	SSF x LoA	-11,7542996	-0,030	0,299
CHR1	12505843	CHR1:12505843	SSF x LoA	-6,67165071	-0,131	0,295
CHR1	12505858	CHR1:12505858	SSF x LoA	-10,4029675	-0,014	0,318
CHR1	12505875	CHR1:12505875	SSF x LoA	-6,79472088	0,079	0,307
CHR1	12505935	CHR1:12505935	SSF x LoA	-9,05917005	0,066	0,291
CHR1	12506055	CHR1:12506055	SSF x LoA	-7,03391474	0,002	0,307
CHR1	12509738	CHR1:12509738	SSF x LoA	-2,26126891	-0,114	0,299
CHR1	12512085	CHR1:12512085	SSF x LoA	-9,89038867	-0,002	0,305
CHR1	12512127	CHR1:12512127	SSF x LoA	-8,98016894	-0,007	0,297
CHR1	12512708	CHR1:12512708	SSF x LoA	-8,98715516	0,082	0,297
CHR1	12512744	CHR1:12512744	SSF x LoA	-9,02577995	0,097	0,279
CHR1	12512761	CHR1:12512761	SSF x LoA	-11,7468211	0,008	0,304
CHR1	12517998	CHR1:12517998	SSF x LoA	-11,1355831	0,083	0,302
CHR1	12518052	CHR1:12518052	SSF x LoA	-11,8248046	-0,079	0,300
CHR1	12518076	CHR1:12518076	SSF x LoA	-7,23125952	-0,003	0,314
CHR1	12518078	CHR1:12518078	SSF x LoA	-10,5085691	-0,024	0,306
CHR1	12518104	CHR1:12518104	SSF x LoA	0,46897287	-0,106	0,303
CHR1	12518122	CHR1:12518122	SSF x LoA	-10,0903574	0,060	0,324
CHR1	12518141	CHR1:12518141	SSF x LoA	-11,3183619	-0,036	0,314
CHR1	12518168	CHR1:12518168	SSF x LoA	-8,124124	0,140	0,298
CHR1	12518181	CHR1:12518181	SSF x LoA	-9,09977942	-0,077	0,316
CHR1	12518230	CHR1:12518230	SSF x LoA	-11,1742291	0,013	0,299
CHR1	12521956	CHR1:12521956	SSF x LoA	-8,51976439	0,057	0,297
CHR1	12522347	CHR1:12522347	SSF x LoA	-9,38228587	0,057	0,307
CHR1	12524998	CHR1:12524998	SSF x LoA	-10,2255218	0,069	0,311
CHR1	1252500	CHR1:1252500	SSF x LoA	-8,8917857	-0,149	0,308
CHR1	12525045	CHR1:12525045	SSF x LoA	1,23126958	-0,182	0,286
CHR1	1252513	CHR1:1252513	SSF x LoA	-9,39487554	-0,019	0,313
CHR1	1252596	CHR1:1252596	SSF x LoA	-8,23510467	0,182	0,298
CHR1	1252601	CHR1:1252601	SSF x LoA	-5,37375134	0,190	0,304
CHR1	1252639	CHR1:1252639	SSF x LoA	-10,0200189	-0,044	0,316
CHR1	1252749	CHR1:1252749	SSF x LoA	-8,62717863	0,030	0,308
CHR1	12537807	CHR1:12537807	SSF x LoA	-11,8137408	-0,003	0,298
CHR1	12537838	CHR1:12537838	SSF x LoA	-11,5984466	0,026	0,303
CHR1	12537906	CHR1:12537906	SSF x LoA	-10,0908678	0,021	0,299
CHR1	12537944	CHR1:12537944	SSF x LoA	-9,81039023	-0,068	0,321
CHR1	12537946	CHR1:12537946	SSF x LoA	-10,6984754	-0,076	0,309
CHR1	12537984	CHR1:12537984	SSF x LoA	-7,05771832	0,156	0,305
CHR1	12537985	CHR1:12537985	SSF x LoA	-3,2241566	0,150	0,308
CHR1	12538017	CHR1:12538017	SSF x LoA	-7,95415853	-0,090	0,308

CHR1	12538019	CHR1:12538019	SSF x LoA	-8,80946103	0,082	0,305
CHR1	12538058	CHR1:12538058	SSF x LoA	-10,8992924	-0,063	0,316
CHR1	12545938	CHR1:12545938	SSF x LoA	-0,88043286	-0,206	0,293
CHR1	12545994	CHR1:12545994	SSF x LoA	-8,42806752	0,074	0,300
CHR1	12554036	CHR1:12554036	SSF x LoA	-8,86051285	0,057	0,314
CHR1	12554061	CHR1:12554061	SSF x LoA	-8,21269449	0,006	0,313
CHR1	12566400	CHR1:12566400	SSF x LoA	-8,54862144	-0,049	0,309
CHR1	12566438	CHR1:12566438	SSF x LoA	-9,45696453	-0,121	0,302
CHR1	12566506	CHR1:12566506	SSF x LoA	-9,4263564	0,101	0,316
CHR1	12566553	CHR1:12566553	SSF x LoA	-9,3690459	-0,006	0,305
CHR1	12566576	CHR1:12566576	SSF x LoA	-1,16601782	0,161	0,310
CHR1	12566580	CHR1:12566580	SSF x LoA	-7,34134444	0,132	0,307
CHR1	12584947	CHR1:12584947	SSF x LoA	-10,8865888	-0,038	0,302
CHR1	12595209	CHR1:12595209	SSF x LoA	-10,3245415	0,095	0,307
CHR1	12595235	CHR1:12595235	SSF x LoA	-9,73000407	-0,079	0,302
CHR1	12608522	CHR1:12608522	SSF x LoA	-9,92560942	0,018	0,301
CHR1	12608529	CHR1:12608529	SSF x LoA	-9,3638654	-0,010	0,306
CHR1	1261166	CHR1:1261166	SSF x LoA	-10,234381	0,035	0,308
CHR1	1261169	CHR1:1261169	SSF x LoA	-8,74155563	0,063	0,303
CHR1	1261180	CHR1:1261180	SSF x LoA	-11,0788522	-0,070	0,313
CHR1	1261269	CHR1:1261269	SSF x LoA	-8,23878684	0,051	0,306
CHR1	1261386	CHR1:1261386	SSF x LoA	-9,58058439	0,004	0,318
CHR1	1261452	CHR1:1261452	SSF x LoA	-5,82961408	-0,009	0,316
CHR1	1261502	CHR1:1261502	SSF x LoA	-10,9306341	0,045	0,311
CHR1	12632343	CHR1:12632343	SSF x LoA	-10,6075256	0,083	0,322
CHR1	12632368	CHR1:12632368	SSF x LoA	-9,10385916	0,085	0,304
CHR1	12632380	CHR1:12632380	SSF x LoA	-8,62360111	-0,005	0,297
CHR1	12632427	CHR1:12632427	SSF x LoA	-10,9431047	-0,051	0,297
CHR1	12639498	CHR1:12639498	SSF x LoA	-8,16499751	0,059	0,304
CHR1	12639499	CHR1:12639499	SSF x LoA	-8,27583561	0,107	0,317
CHR1	12639709	CHR1:12639709	SSF x LoA	-9,72413735	-0,051	0,317
CHR1	12647452	CHR1:12647452	SSF x LoA	-11,5454308	0,050	0,288
CHR1	12647481	CHR1:12647481	SSF x LoA	-11,3476262	-0,100	0,304
CHR1	12647502	CHR1:12647502	SSF x LoA	-11,5597722	0,076	0,297
CHR1	12647580	CHR1:12647580	SSF x LoA	-5,69619094	0,181	0,288
CHR1	12647591	CHR1:12647591	SSF x LoA	-9,55755387	0,021	0,321
CHR1	12647620	CHR1:12647620	SSF x LoA	-8,1272614	0,127	0,305
CHR1	12647638	CHR1:12647638	SSF x LoA	-8,09757208	-0,095	0,297
CHR1	12656933	CHR1:12656933	SSF x LoA	-7,21647378	0,084	0,320
CHR1	12656994	CHR1:12656994	SSF x LoA	-10,5911131	-0,078	0,283
CHR1	12657050	CHR1:12657050	SSF x LoA	-11,1588745	-0,016	0,307
CHR1	12657976	CHR1:12657976	SSF x LoA	-6,99411743	0,153	0,303
CHR1	12667808	CHR1:12667808	SSF x LoA	-8,33044477	0,108	0,288
CHR1	12667851	CHR1:12667851	SSF x LoA	-11,5144331	0,098	0,299
CHR1	1267332	CHR1:1267332	SSF x LoA	-10,3077741	0,079	0,320
CHR1	1267423	CHR1:1267423	SSF x LoA	-8,2451307	-0,059	0,326
CHR1	12695211	CHR1:12695211	SSF x LoA	-9,70370243	-0,034	0,299
CHR1	12695214	CHR1:12695214	SSF x LoA	-8,1283852	-0,075	0,308
CHR1	12695227	CHR1:12695227	SSF x LoA	-5,5802406	-0,053	0,331
CHR1	12695282	CHR1:12695282	SSF x LoA	-9,40962757	0,008	0,310
CHR1	12695338	CHR1:12695338	SSF x LoA	-11,4581618	-0,088	0,317
CHR1	12695398	CHR1:12695398	SSF x LoA	-7,75115718	0,123	0,297
CHR1	12695526	CHR1:12695526	SSF x LoA	-4,66087922	-0,065	0,310

CHR1	12697312	CHR1:12697312	SSF x LoA	-8,55043582	-0,124	0,318
CHR1	12697393	CHR1:12697393	SSF x LoA	-9,63388869	0,043	0,302
CHR1	12697449	CHR1:12697449	SSF x LoA	-10,8197965	-0,131	0,291
CHR1	12708816	CHR1:12708816	SSF x LoA	-8,29442747	0,053	0,306
CHR1	12711912	CHR1:12711912	SSF x LoA	-8,80091446	-0,041	0,312
CHR1	12711965	CHR1:12711965	SSF x LoA	-10,7245994	0,052	0,297
CHR1	12712018	CHR1:12712018	SSF x LoA	-9,65674898	-0,082	0,303
CHR1	127132	CHR1:127132	SSF x LoA	-1,19624648	-0,005	0,301
CHR1	1274384	CHR1:1274384	SSF x LoA	-11,3051735	0,019	0,303
CHR1	1274536	CHR1:1274536	SSF x LoA	-8,52340182	-0,070	0,311
CHR1	1274555	CHR1:1274555	SSF x LoA	-2,93164133	-0,083	0,301
CHR1	1274582	CHR1:1274582	SSF x LoA	-8,7634802	0,029	0,293
CHR1	12759284	CHR1:12759284	SSF x LoA	-5,54971264	0,098	0,298
CHR1	12765347	CHR1:12765347	SSF x LoA	-7,94780768	0,002	0,304
CHR1	12765368	CHR1:12765368	SSF x LoA	-10,9894583	-0,041	0,300
CHR1	12765369	CHR1:12765369	SSF x LoA	-9,95706129	-0,093	0,314
CHR1	12768137	CHR1:12768137	SSF x LoA	-8,0460537	0,012	0,322
CHR1	12768268	CHR1:12768268	SSF x LoA	-7,35988427	-0,024	0,313
CHR1	12768387	CHR1:12768387	SSF x LoA	-9,08769943	0,067	0,312
CHR1	12769794	CHR1:12769794	SSF x LoA	-11,392387	-0,062	0,304
CHR1	12769796	CHR1:12769796	SSF x LoA	-7,07638178	0,018	0,302
CHR1	12769813	CHR1:12769813	SSF x LoA	-9,06270841	0,038	0,317
CHR1	12769829	CHR1:12769829	SSF x LoA	-8,86565354	-0,037	0,316
CHR1	12769843	CHR1:12769843	SSF x LoA	-9,66001669	0,018	0,306
CHR1	12769850	CHR1:12769850	SSF x LoA	-10,642169	-0,066	0,292
CHR1	12769854	CHR1:12769854	SSF x LoA	-10,5300409	-0,039	0,311
CHR1	12769864	CHR1:12769864	SSF x LoA	-10,9369105	-0,057	0,308
CHR1	12769867	CHR1:12769867	SSF x LoA	-9,03672928	-0,004	0,313
CHR1	12769910	CHR1:12769910	SSF x LoA	-11,006615	0,029	0,304
CHR1	12770180	CHR1:12770180	SSF x LoA	-9,7684377	0,083	0,305
CHR1	12770182	CHR1:12770182	SSF x LoA	-8,84611372	-0,050	0,298
CHR1	12770190	CHR1:12770190	SSF x LoA	-5,65763025	-0,190	0,281
CHR1	12770215	CHR1:12770215	SSF x LoA	-2,78755623	0,067	0,307
CHR1	12770234	CHR1:12770234	SSF x LoA	-9,91465082	-0,030	0,311
CHR1	12770235	CHR1:12770235	SSF x LoA	-10,8383299	-0,061	0,292
CHR1	12770239	CHR1:12770239	SSF x LoA	-5,52460925	-0,087	0,307
CHR1	12770251	CHR1:12770251	SSF x LoA	-10,5420116	0,024	0,293
CHR1	12774583	CHR1:12774583	SSF x LoA	-7,96879822	-0,223	0,289
CHR1	12774699	CHR1:12774699	SSF x LoA	-10,7995302	0,043	0,304
CHR1	12774700	CHR1:12774700	SSF x LoA	-10,4109967	0,067	0,302
CHR1	12776429	CHR1:12776429	SSF x LoA	-9,68578754	-0,093	0,301
CHR1	12776432	CHR1:12776432	SSF x LoA	-8,31667503	-0,017	0,315
CHR1	12776496	CHR1:12776496	SSF x LoA	-9,31635172	0,039	0,310
CHR1	12776637	CHR1:12776637	SSF x LoA	0,49757341	0,002	0,298
CHR1	12783825	CHR1:12783825	SSF x LoA	-1,96680576	0,127	0,308
CHR1	12783842	CHR1:12783842	SSF x LoA	-5,79175442	0,075	0,296
CHR1	12784015	CHR1:12784015	SSF x LoA	-8,72081838	0,057	0,306
CHR1	12791161	CHR1:12791161	SSF x LoA	-9,70670312	0,104	0,299
CHR1	12791313	CHR1:12791313	SSF x LoA	-11,9159814	0,109	0,305
CHR1	12791336	CHR1:12791336	SSF x LoA	-9,01159685	0,054	0,296
CHR1	1279503	CHR1:1279503	SSF x LoA	-6,1311162	-0,031	0,302
CHR1	1279547	CHR1:1279547	SSF x LoA	-9,19860375	-0,077	0,283
CHR1	1279557	CHR1:1279557	SSF x LoA	-6,47737828	0,103	0,313

CHR1	12796175	CHR1:12796175	SSF x LoA	-7,91244767	-0,029	0,310
CHR1	12796203	CHR1:12796203	SSF x LoA	-7,73690254	0,012	0,311
CHR1	12796211	CHR1:12796211	SSF x LoA	-10,5399963	-0,032	0,299
CHR1	12796239	CHR1:12796239	SSF x LoA	-9,25564247	-0,037	0,308
CHR1	12796568	CHR1:12796568	SSF x LoA	-5,48350091	0,092	0,313
CHR1	12796575	CHR1:12796575	SSF x LoA	-9,53044575	0,085	0,308
CHR1	12796577	CHR1:12796577	SSF x LoA	-7,8543674	0,017	0,310
CHR1	12796622	CHR1:12796622	SSF x LoA	-6,3903941	0,020	0,316
CHR1	12807736	CHR1:12807736	SSF x LoA	-6,08465672	0,172	0,288
CHR1	12807794	CHR1:12807794	SSF x LoA	-9,59745807	-0,050	0,307
CHR1	12808922	CHR1:12808922	SSF x LoA	-9,96620206	-0,098	0,304
CHR1	12808929	CHR1:12808929	SSF x LoA	-8,93988648	-0,024	0,311
CHR1	12809014	CHR1:12809014	SSF x LoA	-11,3812701	-0,058	0,315
CHR1	12814710	CHR1:12814710	SSF x LoA	-9,91085322	0,039	0,304
CHR1	12814737	CHR1:12814737	SSF x LoA	-11,1044048	0,012	0,309
CHR1	12814744	CHR1:12814744	SSF x LoA	-9,94749249	0,048	0,305
CHR1	12814770	CHR1:12814770	SSF x LoA	-3,43396186	0,022	0,303
CHR1	12814795	CHR1:12814795	SSF x LoA	-9,4928547	0,037	0,297
CHR1	12814809	CHR1:12814809	SSF x LoA	-7,96761422	0,052	0,304
CHR1	12814818	CHR1:12814818	SSF x LoA	-8,79057565	0,110	0,312
CHR1	12816728	CHR1:12816728	SSF x LoA	-10,116158	-0,042	0,309
CHR1	12824592	CHR1:12824592	SSF x LoA	1,67686219	-0,010	0,305
CHR1	12824610	CHR1:12824610	SSF x LoA	-8,5462263	-0,004	0,315
CHR1	12824697	CHR1:12824697	SSF x LoA	-9,96415664	-0,153	0,305
CHR1	12824699	CHR1:12824699	SSF x LoA	-6,60826443	-0,013	0,327
CHR1	12824736	CHR1:12824736	SSF x LoA	-11,2906483	-0,023	0,306
CHR1	12824755	CHR1:12824755	SSF x LoA	-10,0028264	-0,124	0,307
CHR1	12824763	CHR1:12824763	SSF x LoA	-7,86987572	-0,100	0,314
CHR1	12832329	CHR1:12832329	SSF x LoA	-7,46412167	0,049	0,321
CHR1	1285163	CHR1:1285163	SSF x LoA	-9,58038017	0,099	0,295
CHR1	1285243	CHR1:1285243	SSF x LoA	-11,0445544	0,069	0,294
CHR1	12898574	CHR1:12898574	SSF x LoA	-5,47953259	-0,085	0,314
CHR1	12898600	CHR1:12898600	SSF x LoA	-10,3288303	0,041	0,321
CHR1	12898660	CHR1:12898660	SSF x LoA	-10,8358959	0,036	0,306
CHR1	12899045	CHR1:12899045	SSF x LoA	-11,5861794	0,011	0,310
CHR1	12914557	CHR1:12914557	SSF x LoA	-10,5090015	0,104	0,295
CHR1	12914572	CHR1:12914572	SSF x LoA	-9,46304835	-0,058	0,312
CHR1	12915516	CHR1:12915516	SSF x LoA	-6,9079393	0,075	0,299
CHR1	12915570	CHR1:12915570	SSF x LoA	-8,58616018	0,142	0,298
CHR1	12921357	CHR1:12921357	SSF x LoA	-8,69573636	-0,094	0,307
CHR1	12921473	CHR1:12921473	SSF x LoA	-8,00515984	0,127	0,296
CHR1	12927259	CHR1:12927259	SSF x LoA	-10,7959487	0,049	0,314
CHR1	12927301	CHR1:12927301	SSF x LoA	-3,68865068	0,103	0,307
CHR1	12927387	CHR1:12927387	SSF x LoA	-8,4261887	-0,090	0,316
CHR1	12927415	CHR1:12927415	SSF x LoA	-1,00270559	0,171	0,286
CHR1	12927477	CHR1:12927477	SSF x LoA	-9,73192325	-0,103	0,304
CHR1	12937902	CHR1:12937902	SSF x LoA	-4,29613941	0,079	0,306
CHR1	12939563	CHR1:12939563	SSF x LoA	-8,93749024	-0,011	0,320
CHR1	12939768	CHR1:12939768	SSF x LoA	-9,00332429	0,031	0,294
CHR1	1294182	CHR1:1294182	SSF x LoA	-6,67417605	0,000	0,313
CHR1	1294190	CHR1:1294190	SSF x LoA	-9,6095107	-0,015	0,308
CHR1	1294307	CHR1:1294307	SSF x LoA	-11,2236511	-0,002	0,319
CHR1	1294321	CHR1:1294321	SSF x LoA	-10,4450863	0,033	0,316

CHR1	12943494	CHR1:12943494	SSF x LoA	-9,98148319	-0,074	0,300
CHR1	1294356	CHR1:1294356	SSF x LoA	-3,0977944	0,046	0,308
CHR1	1294376	CHR1:1294376	SSF x LoA	-8,46118433	-0,027	0,304
CHR1	1294382	CHR1:1294382	SSF x LoA	-7,59290668	-0,025	0,308
CHR1	12950423	CHR1:12950423	SSF x LoA	-3,73830831	-0,090	0,294
CHR1	12950449	CHR1:12950449	SSF x LoA	-10,0036464	0,087	0,300
CHR1	12950453	CHR1:12950453	SSF x LoA	-8,76857151	-0,093	0,302
CHR1	12950467	CHR1:12950467	SSF x LoA	-7,78422531	-0,096	0,296
CHR1	12950589	CHR1:12950589	SSF x LoA	-11,5122005	-0,022	0,293
CHR1	12950592	CHR1:12950592	SSF x LoA	-5,59556167	-0,129	0,301
CHR1	12950619	CHR1:12950619	SSF x LoA	-10,085226	0,092	0,302
CHR1	12950638	CHR1:12950638	SSF x LoA	-10,1028334	-0,037	0,300
CHR1	12950639	CHR1:12950639	SSF x LoA	-10,8794844	-0,050	0,303
CHR1	12950660	CHR1:12950660	SSF x LoA	-8,78323262	-0,040	0,300
CHR1	12950699	CHR1:12950699	SSF x LoA	-8,40987352	0,033	0,293
CHR1	12950704	CHR1:12950704	SSF x LoA	-8,74954406	-0,141	0,297
CHR1	12950719	CHR1:12950719	SSF x LoA	-8,81927662	-0,047	0,314
CHR1	12955365	CHR1:12955365	SSF x LoA	-10,0404553	0,065	0,310
CHR1	12955420	CHR1:12955420	SSF x LoA	-10,9111849	0,062	0,299
CHR1	12955520	CHR1:12955520	SSF x LoA	-11,361448	-0,048	0,302
CHR1	12957427	CHR1:12957427	SSF x LoA	-9,47974823	-0,154	0,297
CHR1	12957432	CHR1:12957432	SSF x LoA	-12,5832703	-0,058	0,301
CHR1	12957437	CHR1:12957437	SSF x LoA	-10,2514698	0,021	0,308
CHR1	12957438	CHR1:12957438	SSF x LoA	-10,3042249	-0,037	0,314
CHR1	12957443	CHR1:12957443	SSF x LoA	-9,83020709	-0,048	0,316
CHR1	12957471	CHR1:12957471	SSF x LoA	-9,66329256	0,014	0,300
CHR1	12957484	CHR1:12957484	SSF x LoA	-8,78606686	-0,124	0,299
CHR1	12957486	CHR1:12957486	SSF x LoA	-9,17972869	0,005	0,296
CHR1	12957492	CHR1:12957492	SSF x LoA	-8,07036876	0,031	0,308
CHR1	12957530	CHR1:12957530	SSF x LoA	-9,27801233	-0,021	0,316
CHR1	12957553	CHR1:12957553	SSF x LoA	-10,8241638	0,029	0,304
CHR1	12957555	CHR1:12957555	SSF x LoA	-6,78279618	0,083	0,315
CHR1	12957592	CHR1:12957592	SSF x LoA	-8,40906831	-0,052	0,307
CHR1	12957612	CHR1:12957612	SSF x LoA	-8,0623587	0,050	0,312
CHR1	12957684	CHR1:12957684	SSF x LoA	-7,16064033	0,084	0,304
CHR1	12960621	CHR1:12960621	SSF x LoA	-9,69665026	0,013	0,313
CHR1	12963259	CHR1:12963259	SSF x LoA	-9,00799242	0,101	0,312
CHR1	12963565	CHR1:12963565	SSF x LoA	-11,7456199	-0,049	0,293
CHR1	12963631	CHR1:12963631	SSF x LoA	-10,4038828	0,099	0,289
CHR1	1296624	CHR1:1296624	SSF x LoA	-5,96221683	0,137	0,310
CHR1	1296625	CHR1:1296625	SSF x LoA	-11,9948266	-0,049	0,299
CHR1	12972615	CHR1:12972615	SSF x LoA	-9,35930489	-0,059	0,301
CHR1	12972669	CHR1:12972669	SSF x LoA	-9,93698681	-0,095	0,299
CHR1	12972700	CHR1:12972700	SSF x LoA	-8,0487285	0,049	0,305
CHR1	12973692	CHR1:12973692	SSF x LoA	-10,3385606	0,029	0,307
CHR1	12973707	CHR1:12973707	SSF x LoA	-11,5470313	-0,001	0,303
CHR1	12973731	CHR1:12973731	SSF x LoA	-9,35051814	0,020	0,328
CHR1	12973772	CHR1:12973772	SSF x LoA	-8,44266116	0,015	0,316
CHR1	12988081	CHR1:12988081	SSF x LoA	-8,69557779	0,049	0,310
CHR1	12998156	CHR1:12998156	SSF x LoA	-10,7632433	-0,035	0,306
CHR1	12998248	CHR1:12998248	SSF x LoA	-7,01353223	0,143	0,313
CHR1	12998261	CHR1:12998261	SSF x LoA	-8,59748764	0,042	0,315
CHR1	13012332	CHR1:13012332	SSF x LoA	-11,1177834	0,006	0,308

CHR1	13012443	CHR1:13012443	SSF x LoA	-10,5133725	0,088	0,328
CHR1	13012505	CHR1:13012505	SSF x LoA	-7,52741896	-0,033	0,319
CHR1	13012533	CHR1:13012533	SSF x LoA	-8,47212454	0,100	0,302
CHR1	13012551	CHR1:13012551	SSF x LoA	-5,59178185	-0,103	0,301
CHR1	13025286	CHR1:13025286	SSF x LoA	-9,01719006	0,043	0,301
CHR1	13025515	CHR1:13025515	SSF x LoA	-11,2821216	0,045	0,312
CHR1	13031154	CHR1:13031154	SSF x LoA	-3,4478008	-0,113	0,306
CHR1	13042879	CHR1:13042879	SSF x LoA	-6,08554129	-0,055	0,330
CHR1	13042894	CHR1:13042894	SSF x LoA	-9,99613018	-0,027	0,307
CHR1	13042897	CHR1:13042897	SSF x LoA	-8,95424256	-0,075	0,304
CHR1	13043120	CHR1:13043120	SSF x LoA	-9,56869663	0,072	0,316
CHR1	13049073	CHR1:13049073	SSF x LoA	-8,39214677	0,104	0,296
CHR1	13049243	CHR1:13049243	SSF x LoA	-8,59507236	-0,084	0,309
CHR1	13049262	CHR1:13049262	SSF x LoA	-8,67748189	-0,073	0,308
CHR1	13049264	CHR1:13049264	SSF x LoA	-7,03304119	-0,072	0,300
CHR1	13049265	CHR1:13049265	SSF x LoA	-10,1012019	0,032	0,281
CHR1	13060543	CHR1:13060543	SSF x LoA	-11,0669681	-0,027	0,307
CHR1	13060748	CHR1:13060748	SSF x LoA	-9,85831494	-0,083	0,314
CHR1	13060761	CHR1:13060761	SSF x LoA	-7,56070267	0,067	0,303
CHR1	13060789	CHR1:13060789	SSF x LoA	-10,9953535	-0,018	0,300
CHR1	13060816	CHR1:13060816	SSF x LoA	-8,92558392	-0,024	0,317
CHR1	13068879	CHR1:13068879	SSF x LoA	-9,44360897	0,026	0,300
CHR1	13074350	CHR1:13074350	SSF x LoA	-10,4712514	0,033	0,305
CHR1	13074449	CHR1:13074449	SSF x LoA	-10,0457967	-0,071	0,312
CHR1	13074631	CHR1:13074631	SSF x LoA	-8,21556036	-0,008	0,309
CHR1	13074633	CHR1:13074633	SSF x LoA	-9,85526823	-0,006	0,315
CHR1	13081365	CHR1:13081365	SSF x LoA	-8,74943214	-0,033	0,292
CHR1	13082064	CHR1:13082064	SSF x LoA	-7,40765895	0,038	0,297
CHR1	13087991	CHR1:13087991	SSF x LoA	-11,5187827	0,016	0,306
CHR1	13111356	CHR1:13111356	SSF x LoA	-9,22304624	0,088	0,300
CHR1	13125428	CHR1:13125428	SSF x LoA	-9,14670153	0,097	0,308
CHR1	13125536	CHR1:13125536	SSF x LoA	-8,48723755	0,077	0,307
CHR1	13129996	CHR1:13129996	SSF x LoA	-10,0580491	0,147	0,305
CHR1	13131987	CHR1:13131987	SSF x LoA	-8,37130711	-0,045	0,303
CHR1	13133873	CHR1:13133873	SSF x LoA	-7,04302078	-0,018	0,306
CHR1	13133874	CHR1:13133874	SSF x LoA	-9,47503347	-0,049	0,324
CHR1	13133875	CHR1:13133875	SSF x LoA	-7,37621696	0,039	0,308
CHR1	13133918	CHR1:13133918	SSF x LoA	-9,8495108	0,008	0,306
CHR1	1313521	CHR1:1313521	SSF x LoA	-8,22329986	-0,084	0,300
CHR1	13138646	CHR1:13138646	SSF x LoA	-10,8425311	0,013	0,305
CHR1	13138777	CHR1:13138777	SSF x LoA	-5,00119124	0,184	0,294
CHR1	13139798	CHR1:13139798	SSF x LoA	-8,48783553	0,100	0,308
CHR1	13139835	CHR1:13139835	SSF x LoA	-4,95412289	0,167	0,301
CHR1	13141654	CHR1:13141654	SSF x LoA	-7,57007505	0,042	0,316
CHR1	1317283	CHR1:1317283	SSF x LoA	-11,2460312	0,003	0,306
CHR1	1317774	CHR1:1317774	SSF x LoA	-10,1908748	0,046	0,304
CHR1	13192855	CHR1:13192855	SSF x LoA	-8,78121679	0,038	0,307
CHR1	13192927	CHR1:13192927	SSF x LoA	-10,9736764	-0,010	0,301
CHR1	13199269	CHR1:13199269	SSF x LoA	-4,62942216	-0,002	0,293
CHR1	13199340	CHR1:13199340	SSF x LoA	-9,60168698	0,018	0,303
CHR1	13229082	CHR1:13229082	SSF x LoA	-6,22076969	-0,034	0,308
CHR1	13229320	CHR1:13229320	SSF x LoA	-9,58141533	0,022	0,323
CHR1	13229324	CHR1:13229324	SSF x LoA	-5,72019185	0,084	0,314

CHR1	13235059	CHR1:13235059	SSF x LoA	-10,2553812	0,037	0,315
CHR1	13235143	CHR1:13235143	SSF x LoA	-8,61956405	-0,129	0,309
CHR1	13253	CHR1:13253	SSF x LoA	-8,25217012	0,007	0,301
CHR1	13257930	CHR1:13257930	SSF x LoA	-11,3730364	-0,070	0,314
CHR1	13257938	CHR1:13257938	SSF x LoA	-11,0101631	-0,061	0,304
CHR1	13262690	CHR1:13262690	SSF x LoA	-8,4657717	-0,115	0,285
CHR1	13262695	CHR1:13262695	SSF x LoA	-9,5197622	-0,053	0,304
CHR1	13262702	CHR1:13262702	SSF x LoA	-9,46890307	0,026	0,308
CHR1	13262772	CHR1:13262772	SSF x LoA	-9,15708865	0,120	0,289
CHR1	13262795	CHR1:13262795	SSF x LoA	-9,62320627	-0,048	0,291
CHR1	13262799	CHR1:13262799	SSF x LoA	-5,50733804	0,172	0,303
CHR1	13262824	CHR1:13262824	SSF x LoA	-6,0854528	-0,164	0,292
CHR1	13262856	CHR1:13262856	SSF x LoA	-3,50437033	0,212	0,284
CHR1	13262878	CHR1:13262878	SSF x LoA	-8,44882096	-0,146	0,277
CHR1	13262886	CHR1:13262886	SSF x LoA	-8,91526684	-0,013	0,314
CHR1	13276541	CHR1:13276541	SSF x LoA	-7,10876216	-0,160	0,307
CHR1	13276556	CHR1:13276556	SSF x LoA	-7,69501099	-0,178	0,287
CHR1	13276598	CHR1:13276598	SSF x LoA	-5,51902717	-0,107	0,302
CHR1	13276813	CHR1:13276813	SSF x LoA	-7,32325052	0,029	0,307
CHR1	13291719	CHR1:13291719	SSF x LoA	-10,8162727	0,008	0,305
CHR1	13291825	CHR1:13291825	SSF x LoA	-10,6572633	-0,065	0,305
CHR1	13291857	CHR1:13291857	SSF x LoA	-5,97949486	-0,026	0,303
CHR1	1329942	CHR1:1329942	SSF x LoA	-6,32832984	0,152	0,290
CHR1	1329970	CHR1:1329970	SSF x LoA	-8,25460473	0,110	0,291
CHR1	1330026	CHR1:1330026	SSF x LoA	-8,57614486	-0,157	0,292
CHR1	1330179	CHR1:1330179	SSF x LoA	-9,52274059	0,030	0,314
CHR1	1332140	CHR1:1332140	SSF x LoA	-9,1581147	0,033	0,317
CHR1	13324486	CHR1:13324486	SSF x LoA	-9,56458258	0,045	0,321
CHR1	13343843	CHR1:13343843	SSF x LoA	-9,83632376	-0,034	0,320
CHR1	13343915	CHR1:13343915	SSF x LoA	-8,87399108	-0,013	0,310
CHR1	13343986	CHR1:13343986	SSF x LoA	-3,78000996	-0,073	0,313
CHR1	13348108	CHR1:13348108	SSF x LoA	-11,3014346	0,052	0,299
CHR1	13348151	CHR1:13348151	SSF x LoA	-9,9861356	-0,107	0,309
CHR1	13348216	CHR1:13348216	SSF x LoA	-6,60061456	0,118	0,306
CHR1	13353255	CHR1:13353255	SSF x LoA	-6,68722084	-0,163	0,311
CHR1	13353501	CHR1:13353501	SSF x LoA	-9,62994656	-0,060	0,297
CHR1	13353502	CHR1:13353502	SSF x LoA	-9,20763544	-0,047	0,316
CHR1	13360	CHR1:13360	SSF x LoA	-8,32619328	-0,043	0,325
CHR1	13373333	CHR1:13373333	SSF x LoA	-11,0254599	-0,009	0,301
CHR1	13373353	CHR1:13373353	SSF x LoA	-9,80454856	0,076	0,293
CHR1	13373367	CHR1:13373367	SSF x LoA	-7,35192008	-0,056	0,306
CHR1	13373416	CHR1:13373416	SSF x LoA	-9,43916999	0,116	0,309
CHR1	13377821	CHR1:13377821	SSF x LoA	-7,31862002	0,174	0,297
CHR1	13377973	CHR1:13377973	SSF x LoA	-11,4038169	0,036	0,311
CHR1	13379896	CHR1:13379896	SSF x LoA	-9,44787288	-0,137	0,301
CHR1	13379903	CHR1:13379903	SSF x LoA	-4,43086185	-0,028	0,326
CHR1	13379909	CHR1:13379909	SSF x LoA	-8,9895225	0,047	0,312
CHR1	13379923	CHR1:13379923	SSF x LoA	-9,89203255	0,069	0,306
CHR1	13380021	CHR1:13380021	SSF x LoA	-7,45283404	0,027	0,313
CHR1	13380027	CHR1:13380027	SSF x LoA	-10,5363527	0,036	0,299
CHR1	13380030	CHR1:13380030	SSF x LoA	-7,76446106	-0,146	0,306
CHR1	13380039	CHR1:13380039	SSF x LoA	-8,24846311	0,022	0,304
CHR1	13380055	CHR1:13380055	SSF x LoA	-7,57907839	0,083	0,309

CHR1	13380106	CHR1:13380106	SSF x LoA	-8,35899581	-0,084	0,300
CHR1	13380137	CHR1:13380137	SSF x LoA	-9,3983738	0,033	0,321
CHR1	13383908	CHR1:13383908	SSF x LoA	-10,4827716	-0,025	0,305
CHR1	13384164	CHR1:13384164	SSF x LoA	-8,23329267	0,094	0,304
CHR1	13384222	CHR1:13384222	SSF x LoA	-7,81560839	-0,042	0,309
CHR1	13384291	CHR1:13384291	SSF x LoA	-6,96911436	-0,063	0,311
CHR1	13391154	CHR1:13391154	SSF x LoA	-7,73965551	-0,129	0,302
CHR1	13391173	CHR1:13391173	SSF x LoA	-8,64543054	-0,078	0,303
CHR1	13391241	CHR1:13391241	SSF x LoA	-8,55804107	0,111	0,297
CHR1	13391249	CHR1:13391249	SSF x LoA	-5,76072205	-0,039	0,301
CHR1	13391273	CHR1:13391273	SSF x LoA	-7,73078094	0,128	0,298
CHR1	13394668	CHR1:13394668	SSF x LoA	-9,8692772	-0,020	0,309
CHR1	13394687	CHR1:13394687	SSF x LoA	-7,98806915	0,133	0,311
CHR1	13400472	CHR1:13400472	SSF x LoA	-9,52301384	-0,079	0,305
CHR1	13400521	CHR1:13400521	SSF x LoA	-9,39077249	0,010	0,296
CHR1	13400554	CHR1:13400554	SSF x LoA	-10,3435559	0,048	0,314
CHR1	13400565	CHR1:13400565	SSF x LoA	-6,10090884	0,000	0,303
CHR1	13401828	CHR1:13401828	SSF x LoA	-10,0288089	-0,021	0,307
CHR1	13406612	CHR1:13406612	SSF x LoA	-8,97986973	-0,005	0,317
CHR1	13424137	CHR1:13424137	SSF x LoA	-8,21228278	-0,139	0,308
CHR1	13424153	CHR1:13424153	SSF x LoA	-9,32908791	-0,091	0,311
CHR1	13424180	CHR1:13424180	SSF x LoA	-9,03093259	0,102	0,299
CHR1	13424233	CHR1:13424233	SSF x LoA	-6,45350562	0,018	0,321
CHR1	13424285	CHR1:13424285	SSF x LoA	-8,84022473	0,111	0,304
CHR1	13424293	CHR1:13424293	SSF x LoA	-7,19519852	-0,050	0,314
CHR1	13424317	CHR1:13424317	SSF x LoA	-10,1924199	0,042	0,295
CHR1	13424344	CHR1:13424344	SSF x LoA	-7,76390582	-0,080	0,309
CHR1	13433790	CHR1:13433790	SSF x LoA	-10,7444948	-0,041	0,308
CHR1	13433793	CHR1:13433793	SSF x LoA	-10,4232707	-0,043	0,306
CHR1	13433801	CHR1:13433801	SSF x LoA	-9,71167755	-0,026	0,310
CHR1	13433833	CHR1:13433833	SSF x LoA	-8,52568062	0,054	0,299
CHR1	134419	CHR1:134419	SSF x LoA	-10,0198631	-0,092	0,295
CHR1	13444909	CHR1:13444909	SSF x LoA	-9,41772535	-0,053	0,308
CHR1	13444934	CHR1:13444934	SSF x LoA	-10,6552989	0,071	0,316
CHR1	13445016	CHR1:13445016	SSF x LoA	-7,6010632	-0,051	0,317
CHR1	13445048	CHR1:13445048	SSF x LoA	-6,12974372	-0,029	0,311
CHR1	13445054	CHR1:13445054	SSF x LoA	-11,5087682	-0,006	0,312
CHR1	13445129	CHR1:13445129	SSF x LoA	-9,79817139	-0,031	0,313
CHR1	13449591	CHR1:13449591	SSF x LoA	-7,60800396	0,119	0,297
CHR1	13462878	CHR1:13462878	SSF x LoA	-8,37444461	0,092	0,286
CHR1	13462917	CHR1:13462917	SSF x LoA	-9,69720144	-0,006	0,301
CHR1	13475218	CHR1:13475218	SSF x LoA	-8,72305839	0,045	0,314
CHR1	13475221	CHR1:13475221	SSF x LoA	-8,13936752	0,075	0,322
CHR1	13475249	CHR1:13475249	SSF x LoA	-6,16124516	0,098	0,314
CHR1	13475277	CHR1:13475277	SSF x LoA	-5,39566038	0,097	0,303
CHR1	13475283	CHR1:13475283	SSF x LoA	-8,86116355	0,108	0,299
CHR1	13475284	CHR1:13475284	SSF x LoA	-7,27882156	0,110	0,312
CHR1	13475386	CHR1:13475386	SSF x LoA	-9,91038163	0,008	0,304
CHR1	13477883	CHR1:13477883	SSF x LoA	-11,2954611	0,083	0,295
CHR1	13477894	CHR1:13477894	SSF x LoA	-9,59157926	-0,103	0,319
CHR1	13478010	CHR1:13478010	SSF x LoA	-11,5931681	0,051	0,295
CHR1	13478029	CHR1:13478029	SSF x LoA	-9,30663729	-0,057	0,318
CHR1	1348123	CHR1:1348123	SSF x LoA	-10,5261801	0,050	0,318

CHR1	1348301	CHR1:1348301	SSF x LoA	-7,37511785	0,148	0,297
CHR1	13498038	CHR1:13498038	SSF x LoA	-8,9126392	0,027	0,310
CHR1	13498049	CHR1:13498049	SSF x LoA	-10,8430293	0,058	0,305
CHR1	13498382	CHR1:13498382	SSF x LoA	-11,1230106	-0,137	0,292
CHR1	13498418	CHR1:13498418	SSF x LoA	-3,96999239	-0,131	0,297
CHR1	13504565	CHR1:13504565	SSF x LoA	-10,610952	-0,023	0,305
CHR1	13504644	CHR1:13504644	SSF x LoA	-8,22639799	0,052	0,308
CHR1	13504653	CHR1:13504653	SSF x LoA	-8,69415771	0,056	0,301
CHR1	13504657	CHR1:13504657	SSF x LoA	-8,39689834	-0,042	0,316
CHR1	13516604	CHR1:13516604	SSF x LoA	-9,53552182	0,116	0,298
CHR1	13516680	CHR1:13516680	SSF x LoA	-5,5967845	-0,159	0,313
CHR1	13516684	CHR1:13516684	SSF x LoA	-6,73154662	-0,160	0,304
CHR1	13516698	CHR1:13516698	SSF x LoA	-9,86589866	0,043	0,300
CHR1	13516815	CHR1:13516815	SSF x LoA	-10,0328392	-0,099	0,304
CHR1	13516825	CHR1:13516825	SSF x LoA	-4,37780957	0,054	0,296
CHR1	13519274	CHR1:13519274	SSF x LoA	-9,25057513	-0,134	0,304
CHR1	13519355	CHR1:13519355	SSF x LoA	-10,8557261	-0,009	0,299
CHR1	13519413	CHR1:13519413	SSF x LoA	-7,69639184	-0,160	0,305
CHR1	13530735	CHR1:13530735	SSF x LoA	-10,2041711	0,109	0,307
CHR1	13530765	CHR1:13530765	SSF x LoA	-9,16921141	-0,044	0,309
CHR1	13530794	CHR1:13530794	SSF x LoA	-10,0124043	-0,011	0,298
CHR1	13531225	CHR1:13531225	SSF x LoA	-9,29441291	0,067	0,312
CHR1	1353172	CHR1:1353172	SSF x LoA	-10,0355703	-0,058	0,305
CHR1	13537504	CHR1:13537504	SSF x LoA	-9,13313434	0,053	0,310
CHR1	13537511	CHR1:13537511	SSF x LoA	-11,2299743	0,069	0,307
CHR1	13537547	CHR1:13537547	SSF x LoA	-8,33905463	-0,039	0,298
CHR1	13537559	CHR1:13537559	SSF x LoA	-11,5501078	-0,080	0,308
CHR1	13537659	CHR1:13537659	SSF x LoA	-8,38995468	0,042	0,300
CHR1	13537743	CHR1:13537743	SSF x LoA	-7,03671416	-0,124	0,314
CHR1	13541432	CHR1:13541432	SSF x LoA	-10,7368802	0,084	0,292
CHR1	13541480	CHR1:13541480	SSF x LoA	-11,3737422	0,040	0,302
CHR1	13541481	CHR1:13541481	SSF x LoA	-6,67646836	0,082	0,321
CHR1	13543728	CHR1:13543728	SSF x LoA	-11,0155136	-0,052	0,309
CHR1	13543732	CHR1:13543732	SSF x LoA	-9,04167415	-0,131	0,301
CHR1	13543771	CHR1:13543771	SSF x LoA	-8,58451369	-0,184	0,290
CHR1	13543779	CHR1:13543779	SSF x LoA	-1,26686509	-0,166	0,302
CHR1	13543814	CHR1:13543814	SSF x LoA	-6,27309	-0,137	0,305
CHR1	1354572	CHR1:1354572	SSF x LoA	-6,51763621	0,094	0,317
CHR1	13590773	CHR1:13590773	SSF x LoA	-10,2172775	0,039	0,321
CHR1	13590794	CHR1:13590794	SSF x LoA	-9,61666593	0,040	0,312
CHR1	13590834	CHR1:13590834	SSF x LoA	-5,58731863	-0,133	0,312
CHR1	13595060	CHR1:13595060	SSF x LoA	-8,72158398	-0,132	0,284
CHR1	13595085	CHR1:13595085	SSF x LoA	-10,1874043	-0,045	0,303
CHR1	13595087	CHR1:13595087	SSF x LoA	-2,53795023	-0,156	0,304
CHR1	13612339	CHR1:13612339	SSF x LoA	-11,631432	-0,030	0,309
CHR1	13612398	CHR1:13612398	SSF x LoA	-4,85167003	0,108	0,319
CHR1	13612571	CHR1:13612571	SSF x LoA	-11,1545355	0,048	0,298
CHR1	13612643	CHR1:13612643	SSF x LoA	-2,28724871	0,101	0,309
CHR1	13612645	CHR1:13612645	SSF x LoA	-12,177942	-0,023	0,292
CHR1	13612654	CHR1:13612654	SSF x LoA	-7,69295196	-0,035	0,323
CHR1	13622840	CHR1:13622840	SSF x LoA	-9,66964367	-0,001	0,300
CHR1	13622844	CHR1:13622844	SSF x LoA	-0,47827237	-0,159	0,301
CHR1	13627089	CHR1:13627089	SSF x LoA	-10,3346247	0,016	0,305

CHR1	13627332	CHR1:13627332	SSF x LoA	-7,9943746	0,079	0,306
CHR1	13627333	CHR1:13627333	SSF x LoA	-8,54969889	0,060	0,322
CHR1	13629156	CHR1:13629156	SSF x LoA	-10,101834	0,030	0,317
CHR1	13629162	CHR1:13629162	SSF x LoA	-9,40977691	-0,070	0,305
CHR1	13641022	CHR1:13641022	SSF x LoA	-6,6765025	-0,100	0,308
CHR1	13641045	CHR1:13641045	SSF x LoA	-6,29856495	0,094	0,314
CHR1	13641053	CHR1:13641053	SSF x LoA	-6,39474082	-0,079	0,315
CHR1	13641081	CHR1:13641081	SSF x LoA	-10,895659	0,043	0,311
CHR1	13641152	CHR1:13641152	SSF x LoA	-9,81903727	0,077	0,312
CHR1	13641153	CHR1:13641153	SSF x LoA	-8,96192457	-0,034	0,311
CHR1	13641159	CHR1:13641159	SSF x LoA	-8,30954084	0,117	0,306
CHR1	13641179	CHR1:13641179	SSF x LoA	-7,29290103	-0,019	0,305
CHR1	13644802	CHR1:13644802	SSF x LoA	-9,34009047	-0,084	0,307
CHR1	13644809	CHR1:13644809	SSF x LoA	-9,687811	-0,104	0,300
CHR1	13644825	CHR1:13644825	SSF x LoA	-8,23665743	-0,024	0,311
CHR1	13644834	CHR1:13644834	SSF x LoA	-9,07443864	-0,116	0,295
CHR1	13644848	CHR1:13644848	SSF x LoA	-8,12304439	0,085	0,299
CHR1	13644853	CHR1:13644853	SSF x LoA	-9,50279525	0,058	0,300
CHR1	13644905	CHR1:13644905	SSF x LoA	-8,54225243	-0,013	0,309
CHR1	13644993	CHR1:13644993	SSF x LoA	-7,97944487	0,113	0,301
CHR1	13646553	CHR1:13646553	SSF x LoA	-10,4756151	0,055	0,306
CHR1	13646576	CHR1:13646576	SSF x LoA	-9,22596003	-0,020	0,301
CHR1	13646616	CHR1:13646616	SSF x LoA	-11,2687652	-0,081	0,292
CHR1	13646619	CHR1:13646619	SSF x LoA	-9,5518877	-0,011	0,290
CHR1	13646646	CHR1:13646646	SSF x LoA	-10,5549879	-0,118	0,291
CHR1	13653904	CHR1:13653904	SSF x LoA	-9,15446027	-0,119	0,309
CHR1	13653963	CHR1:13653963	SSF x LoA	-7,5054201	-0,172	0,294
CHR1	13654055	CHR1:13654055	SSF x LoA	-8,62219764	0,087	0,306
CHR1	13654069	CHR1:13654069	SSF x LoA	-7,95973137	0,131	0,298
CHR1	13657051	CHR1:13657051	SSF x LoA	-7,87385004	-0,122	0,303
CHR1	13657127	CHR1:13657127	SSF x LoA	-11,0964798	0,031	0,312
CHR1	13657418	CHR1:13657418	SSF x LoA	-8,91901794	0,008	0,301
CHR1	13657471	CHR1:13657471	SSF x LoA	-8,61351675	0,087	0,297
CHR1	13682750	CHR1:13682750	SSF x LoA	-8,41713831	0,070	0,298
CHR1	13682809	CHR1:13682809	SSF x LoA	-9,44967127	0,015	0,308
CHR1	13688936	CHR1:13688936	SSF x LoA	-4,22557956	-0,046	0,324
CHR1	13688939	CHR1:13688939	SSF x LoA	0,42075249	-0,137	0,295
CHR1	13689000	CHR1:13689000	SSF x LoA	-10,5113277	0,005	0,313
CHR1	13689001	CHR1:13689001	SSF x LoA	-8,38215998	-0,028	0,305
CHR1	13689011	CHR1:13689011	SSF x LoA	-8,17163205	0,097	0,307
CHR1	13689015	CHR1:13689015	SSF x LoA	-11,884129	0,015	0,295
CHR1	13689038	CHR1:13689038	SSF x LoA	-7,3634558	0,040	0,325
CHR1	13689626	CHR1:13689626	SSF x LoA	-9,2185354	-0,022	0,291
CHR1	13693287	CHR1:13693287	SSF x LoA	-9,27542783	-0,068	0,304
CHR1	13693330	CHR1:13693330	SSF x LoA	-9,31231263	-0,117	0,308
CHR1	13699978	CHR1:13699978	SSF x LoA	-8,67081674	-0,009	0,306
CHR1	13699983	CHR1:13699983	SSF x LoA	-9,17210203	-0,071	0,299
CHR1	13700007	CHR1:13700007	SSF x LoA	-10,7335434	-0,084	0,296
CHR1	13700098	CHR1:13700098	SSF x LoA	-10,8347425	-0,069	0,306
CHR1	13700226	CHR1:13700226	SSF x LoA	-9,48516466	0,093	0,309
CHR1	13700231	CHR1:13700231	SSF x LoA	-12,0761671	0,029	0,299
CHR1	13700266	CHR1:13700266	SSF x LoA	-10,5902215	0,035	0,296
CHR1	13719090	CHR1:13719090	SSF x LoA	-9,42713502	0,089	0,301

CHR1	13727818	CHR1:13727818	SSF x LoA	-9,42596162	0,097	0,305
CHR1	13732946	CHR1:13732946	SSF x LoA	-10,4373049	0,051	0,313
CHR1	13732953	CHR1:13732953	SSF x LoA	-10,1722699	-0,141	0,303
CHR1	13732975	CHR1:13732975	SSF x LoA	-9,14306114	-0,111	0,296
CHR1	13732989	CHR1:13732989	SSF x LoA	-8,6987151	-0,069	0,317
CHR1	13733086	CHR1:13733086	SSF x LoA	-10,0890875	-0,093	0,312
CHR1	13733146	CHR1:13733146	SSF x LoA	-8,64107453	-0,019	0,298
CHR1	13735847	CHR1:13735847	SSF x LoA	-10,1545186	0,009	0,315
CHR1	13735976	CHR1:13735976	SSF x LoA	-9,86964555	-0,041	0,307
CHR1	13736160	CHR1:13736160	SSF x LoA	-10,687788	0,027	0,312
CHR1	13739249	CHR1:13739249	SSF x LoA	-3,12512405	0,088	0,303
CHR1	13739457	CHR1:13739457	SSF x LoA	-3,64039172	-0,137	0,300
CHR1	13739494	CHR1:13739494	SSF x LoA	-10,7096393	0,052	0,310
CHR1	13745020	CHR1:13745020	SSF x LoA	-8,00497364	0,135	0,309
CHR1	13745227	CHR1:13745227	SSF x LoA	-11,9881857	-0,077	0,297
CHR1	13757362	CHR1:13757362	SSF x LoA	-6,07992777	-0,037	0,315
CHR1	13757534	CHR1:13757534	SSF x LoA	-10,7822192	-0,023	0,305
CHR1	13757537	CHR1:13757537	SSF x LoA	-10,5548489	0,059	0,311
CHR1	13758596	CHR1:13758596	SSF x LoA	-9,31054329	0,022	0,313
CHR1	13761048	CHR1:13761048	SSF x LoA	-10,2290629	0,042	0,311
CHR1	13761089	CHR1:13761089	SSF x LoA	-7,34658748	0,116	0,310
CHR1	13761112	CHR1:13761112	SSF x LoA	-8,64611393	-0,037	0,303
CHR1	13761114	CHR1:13761114	SSF x LoA	-11,0860172	-0,032	0,313
CHR1	13761131	CHR1:13761131	SSF x LoA	-10,1477329	0,073	0,304
CHR1	13761152	CHR1:13761152	SSF x LoA	-10,7997452	0,002	0,309
CHR1	13761174	CHR1:13761174	SSF x LoA	-10,8963974	0,021	0,312
CHR1	13761181	CHR1:13761181	SSF x LoA	-8,0806772	-0,140	0,288
CHR1	13761197	CHR1:13761197	SSF x LoA	-10,773348	-0,009	0,306
CHR1	13761221	CHR1:13761221	SSF x LoA	-10,6164579	0,123	0,306
CHR1	13761260	CHR1:13761260	SSF x LoA	-7,3624407	-0,021	0,307
CHR1	13761263	CHR1:13761263	SSF x LoA	-7,77998552	0,069	0,308
CHR1	13761268	CHR1:13761268	SSF x LoA	-9,94364745	0,097	0,310
CHR1	13767373	CHR1:13767373	SSF x LoA	7,1476707	0,071	0,324
CHR1	13767534	CHR1:13767534	SSF x LoA	-9,25308136	-0,065	0,315
CHR1	13769996	CHR1:13769996	SSF x LoA	-7,82096714	0,107	0,308
CHR1	13770206	CHR1:13770206	SSF x LoA	-11,9596325	-0,030	0,301
CHR1	13770255	CHR1:13770255	SSF x LoA	-7,39571687	-0,110	0,304
CHR1	13772475	CHR1:13772475	SSF x LoA	-11,466209	-0,013	0,308
CHR1	13772536	CHR1:13772536	SSF x LoA	-6,88305929	-0,204	0,297
CHR1	13784749	CHR1:13784749	SSF x LoA	-11,566021	-0,066	0,304
CHR1	13784794	CHR1:13784794	SSF x LoA	-10,0547669	-0,048	0,316
CHR1	13784926	CHR1:13784926	SSF x LoA	-10,0935957	0,052	0,297
CHR1	13785002	CHR1:13785002	SSF x LoA	-6,75674917	0,079	0,319
CHR1	13785035	CHR1:13785035	SSF x LoA	-6,79766592	0,067	0,317
CHR1	13785054	CHR1:13785054	SSF x LoA	-7,5235422	-0,047	0,314
CHR1	13785070	CHR1:13785070	SSF x LoA	-8,57038898	-0,079	0,303
CHR1	13785072	CHR1:13785072	SSF x LoA	-7,07587111	0,066	0,306
CHR1	1378896	CHR1:1378896	SSF x LoA	-6,24757587	-0,160	0,293
CHR1	1378935	CHR1:1378935	SSF x LoA	-7,17215669	-0,066	0,313
CHR1	13789571	CHR1:13789571	SSF x LoA	-7,17042884	-0,045	0,302
CHR1	13789804	CHR1:13789804	SSF x LoA	-7,75142914	-0,057	0,306
CHR1	13789910	CHR1:13789910	SSF x LoA	-5,57051117	0,209	0,292
CHR1	13789952	CHR1:13789952	SSF x LoA	-8,81388919	-0,062	0,322

CHR1	13789955	CHR1:13789955	SSF x LoA	-9,38335207	0,004	0,309
CHR1	13789956	CHR1:13789956	SSF x LoA	-7,58948256	-0,089	0,321
CHR1	13789964	CHR1:13789964	SSF x LoA	-8,47985679	0,025	0,321
CHR1	13789968	CHR1:13789968	SSF x LoA	0,1110783	-0,064	0,326
CHR1	13789972	CHR1:13789972	SSF x LoA	-9,67789392	-0,111	0,316
CHR1	13794475	CHR1:13794475	SSF x LoA	-7,02326434	0,120	0,299
CHR1	13794487	CHR1:13794487	SSF x LoA	-8,35295632	-0,064	0,307
CHR1	13794569	CHR1:13794569	SSF x LoA	-9,0478758	0,013	0,306
CHR1	1379729	CHR1:1379729	SSF x LoA	-8,6098599	-0,108	0,298
CHR1	13800724	CHR1:13800724	SSF x LoA	-10,6845583	0,020	0,308
CHR1	1380680	CHR1:1380680	SSF x LoA	-2,38155569	0,138	0,287
CHR1	1380821	CHR1:1380821	SSF x LoA	-10,4659542	0,005	0,304
CHR1	138145	CHR1:138145	SSF x LoA	-7,68636948	-0,134	0,302
CHR1	138276	CHR1:138276	SSF x LoA	-7,81873355	-0,122	0,298
CHR1	13834749	CHR1:13834749	SSF x LoA	-8,07493748	-0,114	0,314
CHR1	13834765	CHR1:13834765	SSF x LoA	-8,32553534	-0,165	0,302
CHR1	13834778	CHR1:13834778	SSF x LoA	-7,71599392	-0,125	0,308
CHR1	13834801	CHR1:13834801	SSF x LoA	-6,81053926	-0,109	0,307
CHR1	138386	CHR1:138386	SSF x LoA	-6,55420798	-0,100	0,307
CHR1	13839473	CHR1:13839473	SSF x LoA	-9,92636748	-0,033	0,310
CHR1	13839496	CHR1:13839496	SSF x LoA	-5,63492769	0,019	0,313
CHR1	13839526	CHR1:13839526	SSF x LoA	-11,2035093	-0,027	0,311
CHR1	13839543	CHR1:13839543	SSF x LoA	-4,83165869	-0,097	0,304
CHR1	13839547	CHR1:13839547	SSF x LoA	-9,61022875	-0,067	0,311
CHR1	13839589	CHR1:13839589	SSF x LoA	-7,18559846	0,146	0,292
CHR1	13839637	CHR1:13839637	SSF x LoA	-11,6913306	-0,046	0,295
CHR1	13839759	CHR1:13839759	SSF x LoA	-11,2915784	-0,018	0,312
CHR1	138413	CHR1:138413	SSF x LoA	-5,63921335	-0,124	0,302
CHR1	13861227	CHR1:13861227	SSF x LoA	-7,39617505	0,131	0,304
CHR1	13861228	CHR1:13861228	SSF x LoA	-9,8621693	0,010	0,298
CHR1	13861231	CHR1:13861231	SSF x LoA	-8,21879731	-0,076	0,323
CHR1	13861257	CHR1:13861257	SSF x LoA	-8,96567174	-0,098	0,311
CHR1	13861338	CHR1:13861338	SSF x LoA	-8,65971588	-0,009	0,303
CHR1	13861765	CHR1:13861765	SSF x LoA	-9,7531776	0,005	0,298
CHR1	13861820	CHR1:13861820	SSF x LoA	-10,2335724	-0,077	0,285
CHR1	13863064	CHR1:13863064	SSF x LoA	-10,2471809	-0,037	0,311
CHR1	13863101	CHR1:13863101	SSF x LoA	-9,99104687	-0,134	0,300
CHR1	13863117	CHR1:13863117	SSF x LoA	-9,09445513	-0,049	0,319
CHR1	13863144	CHR1:13863144	SSF x LoA	-8,87960655	-0,049	0,316
CHR1	13863145	CHR1:13863145	SSF x LoA	-10,5240848	0,071	0,314
CHR1	13867187	CHR1:13867187	SSF x LoA	-10,7707692	-0,073	0,305
CHR1	13867216	CHR1:13867216	SSF x LoA	-4,59574303	0,111	0,301
CHR1	13867229	CHR1:13867229	SSF x LoA	-4,75974459	0,092	0,304
CHR1	13867252	CHR1:13867252	SSF x LoA	-2,97309108	-0,135	0,296
CHR1	13867309	CHR1:13867309	SSF x LoA	-8,93845692	0,066	0,308
CHR1	13879946	CHR1:13879946	SSF x LoA	-10,131712	0,021	0,307
CHR1	13880042	CHR1:13880042	SSF x LoA	-10,6909447	0,086	0,301
CHR1	13880053	CHR1:13880053	SSF x LoA	-10,5865441	0,049	0,306
CHR1	13880062	CHR1:13880062	SSF x LoA	-10,958067	0,050	0,286
CHR1	13880125	CHR1:13880125	SSF x LoA	-5,53421369	-0,164	0,298
CHR1	1388412	CHR1:1388412	SSF x LoA	-8,3066952	-0,048	0,308
CHR1	1388573	CHR1:1388573	SSF x LoA	-10,9547575	-0,042	0,296
CHR1	13889527	CHR1:13889527	SSF x LoA	-9,64446588	0,127	0,307

CHR1	13889692	CHR1:13889692	SSF x LoA	-11,1034187	-0,069	0,313
CHR1	13898333	CHR1:13898333	SSF x LoA	-8,83076655	-0,114	0,307
CHR1	13898377	CHR1:13898377	SSF x LoA	-10,6890734	-0,110	0,306
CHR1	13898412	CHR1:13898412	SSF x LoA	-10,7757488	-0,097	0,310
CHR1	13898416	CHR1:13898416	SSF x LoA	-8,41286294	0,111	0,307
CHR1	13903043	CHR1:13903043	SSF x LoA	-9,72662011	-0,051	0,301
CHR1	13903059	CHR1:13903059	SSF x LoA	-7,75375834	-0,179	0,301
CHR1	13903219	CHR1:13903219	SSF x LoA	-11,5733289	-0,015	0,318
CHR1	13903312	CHR1:13903312	SSF x LoA	-10,2089002	-0,124	0,299
CHR1	13911067	CHR1:13911067	SSF x LoA	-11,8433808	-0,067	0,318
CHR1	13911252	CHR1:13911252	SSF x LoA	-10,1139752	-0,115	0,308
CHR1	13920528	CHR1:13920528	SSF x LoA	-9,11278135	0,051	0,293
CHR1	13920539	CHR1:13920539	SSF x LoA	-9,86697355	0,061	0,284
CHR1	13920541	CHR1:13920541	SSF x LoA	-7,500602	0,076	0,297
CHR1	13925250	CHR1:13925250	SSF x LoA	-9,52395024	-0,136	0,284
CHR1	13927708	CHR1:13927708	SSF x LoA	-11,7092307	-0,019	0,311
CHR1	1392989	CHR1:1392989	SSF x LoA	-11,2193051	0,012	0,299
CHR1	13935859	CHR1:13935859	SSF x LoA	-8,31528401	0,092	0,311
CHR1	13935860	CHR1:13935860	SSF x LoA	-8,21162907	-0,031	0,311
CHR1	13935862	CHR1:13935862	SSF x LoA	-8,02583052	0,009	0,306
CHR1	13935875	CHR1:13935875	SSF x LoA	-9,11553413	-0,101	0,302
CHR1	13935892	CHR1:13935892	SSF x LoA	-5,73231632	-0,120	0,308
CHR1	13935929	CHR1:13935929	SSF x LoA	-7,75555509	0,091	0,312
CHR1	13943575	CHR1:13943575	SSF x LoA	-1,76370864	0,258	0,275
CHR1	13943644	CHR1:13943644	SSF x LoA	-9,11210814	-0,021	0,320
CHR1	13943695	CHR1:13943695	SSF x LoA	-10,0005944	-0,050	0,307
CHR1	13947574	CHR1:13947574	SSF x LoA	-9,6201363	-0,047	0,297
CHR1	13951302	CHR1:13951302	SSF x LoA	-9,23733684	-0,043	0,307
CHR1	13960779	CHR1:13960779	SSF x LoA	-8,03570018	-0,105	0,307
CHR1	13976328	CHR1:13976328	SSF x LoA	-11,1371639	-0,054	0,304
CHR1	1397917	CHR1:1397917	SSF x LoA	-11,791969	0,023	0,311
CHR1	139810	CHR1:139810	SSF x LoA	-9,11104004	0,104	0,288
CHR1	139827	CHR1:139827	SSF x LoA	-9,3686952	0,097	0,294
CHR1	139830	CHR1:139830	SSF x LoA	-9,31201094	0,081	0,304
CHR1	139836	CHR1:139836	SSF x LoA	-8,66606518	0,119	0,299
CHR1	13984130	CHR1:13984130	SSF x LoA	-10,1508651	-0,062	0,316
CHR1	139904	CHR1:139904	SSF x LoA	-8,86848251	0,043	0,306
CHR1	14006174	CHR1:14006174	SSF x LoA	-2,65961032	0,144	0,302
CHR1	1400636	CHR1:1400636	SSF x LoA	-8,76814901	-0,046	0,307
CHR1	14017330	CHR1:14017330	SSF x LoA	-10,2926197	-0,115	0,296
CHR1	14017338	CHR1:14017338	SSF x LoA	-7,03133755	-0,161	0,295
CHR1	14025730	CHR1:14025730	SSF x LoA	-10,0103812	-0,003	0,313
CHR1	14025929	CHR1:14025929	SSF x LoA	-8,86373739	-0,055	0,329
CHR1	14026041	CHR1:14026041	SSF x LoA	-9,68561184	0,004	0,313
CHR1	1402655	CHR1:1402655	SSF x LoA	-8,539427	-0,039	0,312
CHR1	1402776	CHR1:1402776	SSF x LoA	-8,1830712	0,119	0,301
CHR1	14029350	CHR1:14029350	SSF x LoA	-8,27625252	-0,019	0,317
CHR1	14032837	CHR1:14032837	SSF x LoA	-7,5352729	-0,022	0,314
CHR1	14036264	CHR1:14036264	SSF x LoA	-10,9162885	-0,004	0,314
CHR1	14036327	CHR1:14036327	SSF x LoA	-11,2674122	0,056	0,299
CHR1	14036355	CHR1:14036355	SSF x LoA	-8,30609336	0,161	0,294
CHR1	1404050	CHR1:1404050	SSF x LoA	-11,0892996	0,015	0,308
CHR1	1404136	CHR1:1404136	SSF x LoA	-8,59998452	-0,029	0,309

CHR1	14050862	CHR1:14050862	SSF x LoA	-9,17188059	0,016	0,311
CHR1	14057116	CHR1:14057116	SSF x LoA	-6,96826318	-0,080	0,315
CHR1	14057180	CHR1:14057180	SSF x LoA	-7,99100216	-0,128	0,298
CHR1	14057259	CHR1:14057259	SSF x LoA	-7,81472481	-0,040	0,292
CHR1	14064418	CHR1:14064418	SSF x LoA	-4,93286969	0,010	0,321
CHR1	14064420	CHR1:14064420	SSF x LoA	-8,33351577	-0,014	0,317
CHR1	14064440	CHR1:14064440	SSF x LoA	-7,7044451	-0,010	0,314
CHR1	14064444	CHR1:14064444	SSF x LoA	-9,3844296	-0,019	0,303
CHR1	14064452	CHR1:14064452	SSF x LoA	-9,0719626	-0,015	0,318
CHR1	14064457	CHR1:14064457	SSF x LoA	-8,67623332	-0,006	0,315
CHR1	14064465	CHR1:14064465	SSF x LoA	-7,28638796	0,010	0,321
CHR1	14064478	CHR1:14064478	SSF x LoA	-8,00741113	-0,008	0,326
CHR1	14064482	CHR1:14064482	SSF x LoA	-8,52856992	-0,014	0,327
CHR1	14064491	CHR1:14064491	SSF x LoA	-7,19934721	-0,002	0,331
CHR1	14064494	CHR1:14064494	SSF x LoA	-7,84632702	0,019	0,326
CHR1	14064509	CHR1:14064509	SSF x LoA	-7,62731084	-0,030	0,314
CHR1	14064510	CHR1:14064510	SSF x LoA	-6,66930545	0,012	0,314
CHR1	14064512	CHR1:14064512	SSF x LoA	-8,46180658	-0,012	0,323
CHR1	14070256	CHR1:14070256	SSF x LoA	-7,17085831	0,143	0,305
CHR1	14072498	CHR1:14072498	SSF x LoA	-8,84295026	-0,100	0,309
CHR1	14077777	CHR1:14077777	SSF x LoA	-11,1667647	-0,044	0,313
CHR1	1410918	CHR1:1410918	SSF x LoA	-10,5574131	0,004	0,317
CHR1	1410934	CHR1:1410934	SSF x LoA	-10,5410889	-0,040	0,294
CHR1	1411012	CHR1:1411012	SSF x LoA	-10,8200054	-0,021	0,297
CHR1	1411075	CHR1:1411075	SSF x LoA	-10,5808552	-0,040	0,304
CHR1	1411111	CHR1:1411111	SSF x LoA	-8,84203558	0,042	0,297
CHR1	1411115	CHR1:1411115	SSF x LoA	-8,16918223	0,001	0,317
CHR1	14111731	CHR1:14111731	SSF x LoA	-9,92022538	0,066	0,309
CHR1	14114818	CHR1:14114818	SSF x LoA	-9,14146465	0,001	0,308
CHR1	14114894	CHR1:14114894	SSF x LoA	-5,73292834	0,065	0,298
CHR1	14114933	CHR1:14114933	SSF x LoA	-9,31930224	0,025	0,319
CHR1	14114941	CHR1:14114941	SSF x LoA	-10,5186156	-0,035	0,316
CHR1	14114975	CHR1:14114975	SSF x LoA	-10,0975496	0,037	0,315
CHR1	14127578	CHR1:14127578	SSF x LoA	-3,33184067	0,146	0,297
CHR1	14127584	CHR1:14127584	SSF x LoA	-9,51814787	-0,090	0,310
CHR1	14127986	CHR1:14127986	SSF x LoA	-10,2363215	0,007	0,299
CHR1	14128085	CHR1:14128085	SSF x LoA	-8,05221068	-0,002	0,312
CHR1	14137401	CHR1:14137401	SSF x LoA	-10,3534655	0,034	0,300
CHR1	14137515	CHR1:14137515	SSF x LoA	-8,32945585	-0,026	0,310
CHR1	14137553	CHR1:14137553	SSF x LoA	-9,17079461	-0,037	0,312
CHR1	14137568	CHR1:14137568	SSF x LoA	-9,81352485	-0,038	0,290
CHR1	14137689	CHR1:14137689	SSF x LoA	-10,7366394	-0,036	0,314
CHR1	1414883	CHR1:1414883	SSF x LoA	-10,712457	-0,010	0,296
CHR1	1414885	CHR1:1414885	SSF x LoA	-9,80846439	-0,061	0,308
CHR1	1415216	CHR1:1415216	SSF x LoA	-9,60960047	0,102	0,295
CHR1	14159437	CHR1:14159437	SSF x LoA	-3,89580113	-0,263	0,277
CHR1	14159471	CHR1:14159471	SSF x LoA	-8,40285883	0,042	0,306
CHR1	14159505	CHR1:14159505	SSF x LoA	-8,89995901	-0,043	0,316
CHR1	14163173	CHR1:14163173	SSF x LoA	-9,10297863	-0,147	0,294
CHR1	14163179	CHR1:14163179	SSF x LoA	-10,8052714	-0,062	0,289
CHR1	14163185	CHR1:14163185	SSF x LoA	-10,2483212	-0,100	0,300
CHR1	14163213	CHR1:14163213	SSF x LoA	-10,5064977	-0,054	0,309
CHR1	14163228	CHR1:14163228	SSF x LoA	-7,30799781	0,015	0,310

CHR1	14163233	CHR1:14163233	SSF x LoA	-9,21332979	-0,107	0,301
CHR1	14163266	CHR1:14163266	SSF x LoA	-9,28321606	-0,047	0,292
CHR1	14163281	CHR1:14163281	SSF x LoA	-8,90707689	0,001	0,300
CHR1	14163318	CHR1:14163318	SSF x LoA	-9,34258087	0,102	0,304
CHR1	14163334	CHR1:14163334	SSF x LoA	-11,4222704	0,077	0,317
CHR1	14163353	CHR1:14163353	SSF x LoA	-8,52124936	-0,131	0,290
CHR1	14163362	CHR1:14163362	SSF x LoA	-9,2484779	-0,111	0,302
CHR1	14163366	CHR1:14163366	SSF x LoA	-9,63654434	-0,011	0,305
CHR1	14163367	CHR1:14163367	SSF x LoA	-5,47273606	-0,117	0,290
CHR1	14163372	CHR1:14163372	SSF x LoA	-9,95255343	-0,046	0,300
CHR1	14163373	CHR1:14163373	SSF x LoA	-6,81411582	0,196	0,305
CHR1	14163385	CHR1:14163385	SSF x LoA	-11,5891189	0,080	0,312
CHR1	14163391	CHR1:14163391	SSF x LoA	-6,29653124	-0,130	0,298
CHR1	14171787	CHR1:14171787	SSF x LoA	-7,9331241	-0,061	0,306
CHR1	14171804	CHR1:14171804	SSF x LoA	-8,83514679	-0,009	0,305
CHR1	14171932	CHR1:14171932	SSF x LoA	-11,0949189	-0,011	0,307
CHR1	14174725	CHR1:14174725	SSF x LoA	-6,34629538	0,102	0,303
CHR1	14174734	CHR1:14174734	SSF x LoA	-9,06618674	0,009	0,318
CHR1	14174848	CHR1:14174848	SSF x LoA	-11,8932606	0,012	0,313
CHR1	14174852	CHR1:14174852	SSF x LoA	-11,0568873	-0,100	0,305
CHR1	14174883	CHR1:14174883	SSF x LoA	-8,68105517	-0,002	0,313
CHR1	14174892	CHR1:14174892	SSF x LoA	-8,41383768	0,065	0,298
CHR1	14174960	CHR1:14174960	SSF x LoA	-8,41077448	0,105	0,302
CHR1	14179704	CHR1:14179704	SSF x LoA	-8,68837276	0,002	0,315
CHR1	14179712	CHR1:14179712	SSF x LoA	-10,2845415	-0,023	0,308
CHR1	14179757	CHR1:14179757	SSF x LoA	-10,5288049	-0,070	0,313
CHR1	14179791	CHR1:14179791	SSF x LoA	-10,4258095	0,085	0,297
CHR1	14179792	CHR1:14179792	SSF x LoA	-11,8589429	0,013	0,307
CHR1	14181996	CHR1:14181996	SSF x LoA	-6,31337371	-0,160	0,290
CHR1	14182018	CHR1:14182018	SSF x LoA	-8,16007969	0,009	0,302
CHR1	14209764	CHR1:14209764	SSF x LoA	-11,8678093	0,019	0,310
CHR1	14209766	CHR1:14209766	SSF x LoA	-9,52863107	0,036	0,304
CHR1	14209772	CHR1:14209772	SSF x LoA	-7,55339426	0,033	0,290
CHR1	14209805	CHR1:14209805	SSF x LoA	-8,63595582	0,007	0,317
CHR1	14209814	CHR1:14209814	SSF x LoA	-8,6601914	0,100	0,307
CHR1	14209821	CHR1:14209821	SSF x LoA	-11,8797314	0,071	0,296
CHR1	14209970	CHR1:14209970	SSF x LoA	-11,9284235	0,043	0,304
CHR1	14214864	CHR1:14214864	SSF x LoA	-10,658968	0,006	0,314
CHR1	14214869	CHR1:14214869	SSF x LoA	-8,89456204	0,019	0,315
CHR1	14214919	CHR1:14214919	SSF x LoA	-8,31357037	0,068	0,316
CHR1	1422541	CHR1:1422541	SSF x LoA	-7,79899764	0,053	0,292
CHR1	14235389	CHR1:14235389	SSF x LoA	-8,34598228	-0,074	0,314
CHR1	14235390	CHR1:14235390	SSF x LoA	-6,24849194	-0,181	0,283
CHR1	14235462	CHR1:14235462	SSF x LoA	-8,75384101	0,022	0,301
CHR1	14235465	CHR1:14235465	SSF x LoA	-8,6149423	0,036	0,296
CHR1	14235494	CHR1:14235494	SSF x LoA	-10,5507057	0,032	0,303
CHR1	14235498	CHR1:14235498	SSF x LoA	-10,7295023	0,059	0,302
CHR1	14235510	CHR1:14235510	SSF x LoA	-6,82515336	0,044	0,328
CHR1	1424627	CHR1:1424627	SSF x LoA	-7,08797806	0,205	0,300
CHR1	1424646	CHR1:1424646	SSF x LoA	-11,4344376	-0,048	0,305
CHR1	14252374	CHR1:14252374	SSF x LoA	-9,49621753	0,014	0,307
CHR1	14260394	CHR1:14260394	SSF x LoA	-9,56847488	-0,129	0,298
CHR1	1428474	CHR1:1428474	SSF x LoA	-3,24723106	-0,139	0,300

CHR1	14285339	CHR1:14285339	SSF x LoA	-8,05647549	0,097	0,317
CHR1	14285393	CHR1:14285393	SSF x LoA	-8,58246968	-0,136	0,299
CHR1	14285402	CHR1:14285402	SSF x LoA	-9,01665426	0,001	0,297
CHR1	1428612	CHR1:1428612	SSF x LoA	-8,93423925	0,077	0,304
CHR1	14296747	CHR1:14296747	SSF x LoA	-7,05290828	-0,019	0,309
CHR1	14296759	CHR1:14296759	SSF x LoA	-8,65091255	-0,112	0,300
CHR1	14296859	CHR1:14296859	SSF x LoA	-9,14233388	0,022	0,301
CHR1	14296981	CHR1:14296981	SSF x LoA	-11,2827847	-0,067	0,302
CHR1	14299978	CHR1:14299978	SSF x LoA	-7,05096184	-0,152	0,301
CHR1	14300028	CHR1:14300028	SSF x LoA	-8,77568139	0,061	0,300
CHR1	14300054	CHR1:14300054	SSF x LoA	-6,46745669	0,007	0,318
CHR1	14300068	CHR1:14300068	SSF x LoA	-5,5905127	0,141	0,290
CHR1	14300073	CHR1:14300073	SSF x LoA	-7,32019768	0,125	0,309
CHR1	14300085	CHR1:14300085	SSF x LoA	-10,7523229	-0,058	0,301
CHR1	14307627	CHR1:14307627	SSF x LoA	-11,1505739	-0,060	0,306
CHR1	14307696	CHR1:14307696	SSF x LoA	-8,69941135	0,082	0,308
CHR1	14307792	CHR1:14307792	SSF x LoA	-10,162274	-0,043	0,313
CHR1	14316154	CHR1:14316154	SSF x LoA	-10,3976127	0,064	0,317
CHR1	14316169	CHR1:14316169	SSF x LoA	-10,5330975	-0,047	0,301
CHR1	14316235	CHR1:14316235	SSF x LoA	-9,08415574	-0,063	0,316
CHR1	14316264	CHR1:14316264	SSF x LoA	-9,13920417	-0,080	0,295
CHR1	14320768	CHR1:14320768	SSF x LoA	-10,1166238	0,050	0,308
CHR1	14320874	CHR1:14320874	SSF x LoA	-10,4093138	0,030	0,317
CHR1	14321570	CHR1:14321570	SSF x LoA	-8,09932141	0,068	0,300
CHR1	143246	CHR1:143246	SSF x LoA	-10,4635677	-0,135	0,288
CHR1	143271	CHR1:143271	SSF x LoA	-9,26244964	-0,130	0,300
CHR1	143273	CHR1:143273	SSF x LoA	-8,63322433	0,113	0,293
CHR1	143277	CHR1:143277	SSF x LoA	-10,5386566	0,079	0,312
CHR1	1432795	CHR1:1432795	SSF x LoA	-8,67013576	0,059	0,311
CHR1	14332535	CHR1:14332535	SSF x LoA	-10,220072	-0,033	0,311
CHR1	14338565	CHR1:14338565	SSF x LoA	-10,0938914	-0,034	0,313
CHR1	14339501	CHR1:14339501	SSF x LoA	-9,95137108	-0,024	0,318
CHR1	14342694	CHR1:14342694	SSF x LoA	-4,42106589	-0,106	0,294
CHR1	14342751	CHR1:14342751	SSF x LoA	-8,96198538	-0,021	0,308
CHR1	14342791	CHR1:14342791	SSF x LoA	-9,72694034	-0,090	0,302
CHR1	14342838	CHR1:14342838	SSF x LoA	-7,79894886	-0,114	0,302
CHR1	14342892	CHR1:14342892	SSF x LoA	-8,18078119	-0,038	0,309
CHR1	14347565	CHR1:14347565	SSF x LoA	-10,0543313	-0,083	0,302
CHR1	14347590	CHR1:14347590	SSF x LoA	-9,14163912	-0,071	0,305
CHR1	14347655	CHR1:14347655	SSF x LoA	-10,5613089	0,087	0,301
CHR1	14347662	CHR1:14347662	SSF x LoA	-8,6669134	-0,061	0,315
CHR1	14362502	CHR1:14362502	SSF x LoA	-8,80263177	0,124	0,304
CHR1	14367222	CHR1:14367222	SSF x LoA	-9,62647964	-0,032	0,311
CHR1	14367247	CHR1:14367247	SSF x LoA	-5,06678031	-0,183	0,301
CHR1	14375604	CHR1:14375604	SSF x LoA	-4,41758054	0,195	0,295
CHR1	14375663	CHR1:14375663	SSF x LoA	-8,91159047	-0,067	0,305
CHR1	14375665	CHR1:14375665	SSF x LoA	-8,22378806	0,188	0,301
CHR1	14376113	CHR1:14376113	SSF x LoA	-7,80733758	0,008	0,308
CHR1	14381210	CHR1:14381210	SSF x LoA	-8,32494235	0,009	0,308
CHR1	14381219	CHR1:14381219	SSF x LoA	-10,4663206	-0,056	0,299
CHR1	14381292	CHR1:14381292	SSF x LoA	-7,1418381	-0,005	0,302
CHR1	1438647	CHR1:1438647	SSF x LoA	-11,4994136	0,062	0,306
CHR1	14395271	CHR1:14395271	SSF x LoA	-9,84828184	0,095	0,305

CHR1	1439664	CHR1:1439664	SSF x LoA	-6,53873496	0,042	0,317
CHR1	1439757	CHR1:1439757	SSF x LoA	-9,67939679	0,126	0,299
CHR1	14405244	CHR1:14405244	SSF x LoA	-8,96600698	-0,046	0,303
CHR1	14405297	CHR1:14405297	SSF x LoA	-8,63884461	0,034	0,288
CHR1	14407127	CHR1:14407127	SSF x LoA	-10,1644976	-0,090	0,316
CHR1	14409601	CHR1:14409601	SSF x LoA	-10,6681317	-0,044	0,315
CHR1	14409619	CHR1:14409619	SSF x LoA	-9,11985649	-0,082	0,295
CHR1	14417556	CHR1:14417556	SSF x LoA	-9,13760116	-0,054	0,298
CHR1	14417597	CHR1:14417597	SSF x LoA	-10,9594046	0,086	0,312
CHR1	14417717	CHR1:14417717	SSF x LoA	-10,9898549	0,014	0,310
CHR1	14417735	CHR1:14417735	SSF x LoA	-9,83247063	0,006	0,316
CHR1	14417766	CHR1:14417766	SSF x LoA	-9,50555045	-0,014	0,301
CHR1	1441780	CHR1:1441780	SSF x LoA	-11,0692476	0,011	0,310
CHR1	1441856	CHR1:1441856	SSF x LoA	-11,8728454	-0,031	0,300
CHR1	1441879	CHR1:1441879	SSF x LoA	-10,820033	0,000	0,310
CHR1	14419558	CHR1:14419558	SSF x LoA	-8,32211606	-0,028	0,317
CHR1	14419586	CHR1:14419586	SSF x LoA	-10,741837	-0,005	0,300
CHR1	14426956	CHR1:14426956	SSF x LoA	-2,55660582	-0,128	0,309
CHR1	14427150	CHR1:14427150	SSF x LoA	-6,67661683	0,043	0,307
CHR1	14440338	CHR1:14440338	SSF x LoA	-9,23304124	-0,026	0,328
CHR1	14449800	CHR1:14449800	SSF x LoA	-12,0852893	-0,001	0,307
CHR1	14449834	CHR1:14449834	SSF x LoA	-6,90205232	0,055	0,314
CHR1	14449930	CHR1:14449930	SSF x LoA	-7,75045064	-0,005	0,317
CHR1	14456202	CHR1:14456202	SSF x LoA	-10,6615745	-0,026	0,317
CHR1	14476994	CHR1:14476994	SSF x LoA	-6,73443463	-0,081	0,321
CHR1	14476997	CHR1:14476997	SSF x LoA	-9,37146141	0,089	0,303
CHR1	14477058	CHR1:14477058	SSF x LoA	-9,22660916	0,125	0,296
CHR1	14477133	CHR1:14477133	SSF x LoA	-8,07348484	0,012	0,314
CHR1	14480242	CHR1:14480242	SSF x LoA	-10,5120707	-0,055	0,320
CHR1	14480278	CHR1:14480278	SSF x LoA	-8,27538818	-0,049	0,310
CHR1	14481268	CHR1:14481268	SSF x LoA	-6,90424353	0,109	0,315
CHR1	14481273	CHR1:14481273	SSF x LoA	-8,55914645	-0,121	0,306
CHR1	14481279	CHR1:14481279	SSF x LoA	-9,60844014	-0,124	0,304
CHR1	14481385	CHR1:14481385	SSF x LoA	-10,438953	-0,027	0,305
CHR1	14482963	CHR1:14482963	SSF x LoA	-5,53012754	0,072	0,311
CHR1	14482964	CHR1:14482964	SSF x LoA	-9,46100926	-0,110	0,296
CHR1	14482965	CHR1:14482965	SSF x LoA	-10,3107209	0,084	0,321
CHR1	14482966	CHR1:14482966	SSF x LoA	-7,0030403	-0,106	0,301
CHR1	14482968	CHR1:14482968	SSF x LoA	-7,05392003	-0,094	0,292
CHR1	14482972	CHR1:14482972	SSF x LoA	-9,40148876	0,129	0,300
CHR1	14482973	CHR1:14482973	SSF x LoA	-7,99738111	0,126	0,294
CHR1	14482989	CHR1:14482989	SSF x LoA	-8,82236887	-0,091	0,285
CHR1	14482992	CHR1:14482992	SSF x LoA	-6,27508696	-0,085	0,301
CHR1	14483060	CHR1:14483060	SSF x LoA	-9,30555162	0,129	0,309
CHR1	14491140	CHR1:14491140	SSF x LoA	-4,86134982	-0,119	0,306
CHR1	14497217	CHR1:14497217	SSF x LoA	-9,15237935	-0,068	0,299
CHR1	14497220	CHR1:14497220	SSF x LoA	-7,20617971	-0,058	0,286
CHR1	14497238	CHR1:14497238	SSF x LoA	-11,3221935	0,081	0,295
CHR1	14497240	CHR1:14497240	SSF x LoA	-9,46063189	-0,010	0,297
CHR1	14497253	CHR1:14497253	SSF x LoA	-9,86087525	0,039	0,315
CHR1	14497262	CHR1:14497262	SSF x LoA	-10,9788185	0,025	0,315
CHR1	14497328	CHR1:14497328	SSF x LoA	-11,0792937	-0,038	0,317
CHR1	14505216	CHR1:14505216	SSF x LoA	-9,11206137	-0,024	0,306

CHR1	14505290	CHR1:14505290	SSF x LoA	-10,8265205	0,047	0,310
CHR1	14509866	CHR1:14509866	SSF x LoA	-9,90241726	0,117	0,299
CHR1	14510764	CHR1:14510764	SSF x LoA	-10,9193805	-0,007	0,312
CHR1	14510779	CHR1:14510779	SSF x LoA	-10,3068618	0,080	0,305
CHR1	14521267	CHR1:14521267	SSF x LoA	-9,65465693	-0,022	0,304
CHR1	14521375	CHR1:14521375	SSF x LoA	-10,4834342	0,114	0,298
CHR1	14521381	CHR1:14521381	SSF x LoA	-10,1779445	-0,014	0,304
CHR1	14528765	CHR1:14528765	SSF x LoA	-10,8958156	0,023	0,307
CHR1	14528857	CHR1:14528857	SSF x LoA	-9,45199646	0,055	0,312
CHR1	1453283	CHR1:1453283	SSF x LoA	-9,9284368	0,038	0,310
CHR1	1453363	CHR1:1453363	SSF x LoA	-8,79770204	-0,096	0,293
CHR1	145465	CHR1:145465	SSF x LoA	-9,25713892	0,008	0,307
CHR1	14558724	CHR1:14558724	SSF x LoA	-10,5559561	0,005	0,298
CHR1	14558769	CHR1:14558769	SSF x LoA	-9,41592302	-0,106	0,308
CHR1	14558813	CHR1:14558813	SSF x LoA	0,17370063	0,072	0,309
CHR1	14558867	CHR1:14558867	SSF x LoA	-7,05224985	-0,134	0,313
CHR1	14558897	CHR1:14558897	SSF x LoA	-9,9989494	-0,136	0,298
CHR1	14558957	CHR1:14558957	SSF x LoA	-7,07780562	-0,187	0,285
CHR1	14561956	CHR1:14561956	SSF x LoA	-6,0385609	-0,069	0,300
CHR1	14562034	CHR1:14562034	SSF x LoA	-9,07727571	-0,022	0,320
CHR1	14562058	CHR1:14562058	SSF x LoA	-8,26876128	0,117	0,292
CHR1	14562115	CHR1:14562115	SSF x LoA	-9,46396985	-0,067	0,290
CHR1	1458425	CHR1:1458425	SSF x LoA	-8,53164223	0,042	0,310
CHR1	1458440	CHR1:1458440	SSF x LoA	-8,54987022	-0,099	0,300
CHR1	1458502	CHR1:1458502	SSF x LoA	-10,2570728	-0,023	0,301
CHR1	1458515	CHR1:1458515	SSF x LoA	-7,58884021	0,144	0,294
CHR1	1458537	CHR1:1458537	SSF x LoA	-10,9814756	0,115	0,314
CHR1	1458723	CHR1:1458723	SSF x LoA	-11,0154763	-0,020	0,307
CHR1	1458728	CHR1:1458728	SSF x LoA	-9,27516387	0,016	0,309
CHR1	14589362	CHR1:14589362	SSF x LoA	-8,65413493	-0,044	0,313
CHR1	14589410	CHR1:14589410	SSF x LoA	-10,154382	-0,127	0,307
CHR1	14610556	CHR1:14610556	SSF x LoA	-7,84619782	0,129	0,301
CHR1	14610572	CHR1:14610572	SSF x LoA	-7,18138389	0,057	0,310
CHR1	14610621	CHR1:14610621	SSF x LoA	-9,31770661	-0,033	0,305
CHR1	14610685	CHR1:14610685	SSF x LoA	-10,30466	-0,036	0,302
CHR1	14615389	CHR1:14615389	SSF x LoA	-8,35542036	0,100	0,313
CHR1	14615418	CHR1:14615418	SSF x LoA	-8,4595937	0,069	0,296
CHR1	14618047	CHR1:14618047	SSF x LoA	-9,2549213	0,007	0,317
CHR1	14618101	CHR1:14618101	SSF x LoA	-7,75936237	0,079	0,310
CHR1	14618118	CHR1:14618118	SSF x LoA	-10,994203	0,073	0,302
CHR1	14618119	CHR1:14618119	SSF x LoA	-9,46520136	0,066	0,312
CHR1	14618133	CHR1:14618133	SSF x LoA	-10,4242304	0,034	0,306
CHR1	14618136	CHR1:14618136	SSF x LoA	-9,68777515	0,043	0,308
CHR1	14619695	CHR1:14619695	SSF x LoA	-8,36683008	-0,074	0,313
CHR1	14619706	CHR1:14619706	SSF x LoA	-1,61812268	-0,033	0,302
CHR1	14619758	CHR1:14619758	SSF x LoA	-10,3698436	-0,058	0,305
CHR1	14619769	CHR1:14619769	SSF x LoA	-10,4226066	0,028	0,314
CHR1	14625409	CHR1:14625409	SSF x LoA	-4,03158753	0,029	0,305
CHR1	14626420	CHR1:14626420	SSF x LoA	-9,6480596	0,006	0,297
CHR1	14627895	CHR1:14627895	SSF x LoA	-11,4596972	0,010	0,296
CHR1	14628182	CHR1:14628182	SSF x LoA	-10,9530004	-0,029	0,308
CHR1	14647797	CHR1:14647797	SSF x LoA	-8,69407203	-0,003	0,314
CHR1	14658348	CHR1:14658348	SSF x LoA	-10,0958954	0,140	0,314

CHR1	14658406	CHR1:14658406	SSF x LoA	-8,58557722	-0,028	0,304
CHR1	14659769	CHR1:14659769	SSF x LoA	-9,07355851	-0,119	0,304
CHR1	14659824	CHR1:14659824	SSF x LoA	-9,60384266	-0,014	0,303
CHR1	14668187	CHR1:14668187	SSF x LoA	-8,38703755	-0,038	0,305
CHR1	14668258	CHR1:14668258	SSF x LoA	-11,4920738	0,017	0,315
CHR1	14668263	CHR1:14668263	SSF x LoA	-11,2000647	0,007	0,312
CHR1	14668322	CHR1:14668322	SSF x LoA	-11,5192458	-0,017	0,312
CHR1	14673013	CHR1:14673013	SSF x LoA	-11,4427615	0,045	0,307
CHR1	14673022	CHR1:14673022	SSF x LoA	-12,9645063	-0,002	0,295
CHR1	14673040	CHR1:14673040	SSF x LoA	-8,35219469	-0,027	0,327
CHR1	14673097	CHR1:14673097	SSF x LoA	-7,55481287	-0,051	0,318
CHR1	14673146	CHR1:14673146	SSF x LoA	-7,53533114	-0,057	0,307
CHR1	14673176	CHR1:14673176	SSF x LoA	-8,87391522	-0,091	0,301
CHR1	14677382	CHR1:14677382	SSF x LoA	-9,8660216	0,082	0,311
CHR1	14677394	CHR1:14677394	SSF x LoA	-6,80850505	0,054	0,314
CHR1	14677396	CHR1:14677396	SSF x LoA	-9,55913584	0,059	0,318
CHR1	14677467	CHR1:14677467	SSF x LoA	-9,19022138	0,044	0,307
CHR1	14677472	CHR1:14677472	SSF x LoA	-10,4278372	-0,008	0,320
CHR1	14681639	CHR1:14681639	SSF x LoA	-10,6189155	-0,096	0,312
CHR1	14681671	CHR1:14681671	SSF x LoA	-9,43061677	0,024	0,317
CHR1	14681674	CHR1:14681674	SSF x LoA	-9,20613457	0,127	0,290
CHR1	14681683	CHR1:14681683	SSF x LoA	-9,52401625	0,001	0,307
CHR1	14681694	CHR1:14681694	SSF x LoA	-9,63908898	0,040	0,308
CHR1	14681723	CHR1:14681723	SSF x LoA	-9,07903031	0,011	0,295
CHR1	14681749	CHR1:14681749	SSF x LoA	-9,76287224	-0,030	0,299
CHR1	14681786	CHR1:14681786	SSF x LoA	-9,20513338	-0,028	0,304
CHR1	14681825	CHR1:14681825	SSF x LoA	-12,1813924	0,020	0,297
CHR1	14681839	CHR1:14681839	SSF x LoA	-10,0640455	-0,014	0,306
CHR1	14681851	CHR1:14681851	SSF x LoA	-8,40904427	-0,009	0,311
CHR1	14681877	CHR1:14681877	SSF x LoA	-11,2588689	0,000	0,300
CHR1	14683821	CHR1:14683821	SSF x LoA	-8,73678207	0,131	0,307
CHR1	14687130	CHR1:14687130	SSF x LoA	-10,3654623	0,059	0,321
CHR1	146899	CHR1:146899	SSF x LoA	-7,24297471	0,079	0,313
CHR1	14695418	CHR1:14695418	SSF x LoA	-9,30094757	0,096	0,303
CHR1	14695481	CHR1:14695481	SSF x LoA	-8,84431713	-0,150	0,291
CHR1	14695541	CHR1:14695541	SSF x LoA	-9,65521493	-0,021	0,311
CHR1	14695594	CHR1:14695594	SSF x LoA	-7,90966866	0,127	0,304
CHR1	14695621	CHR1:14695621	SSF x LoA	-10,3762171	-0,045	0,301
CHR1	14697397	CHR1:14697397	SSF x LoA	-6,42778569	-0,124	0,299
CHR1	14697469	CHR1:14697469	SSF x LoA	-8,54552122	0,076	0,297
CHR1	14717049	CHR1:14717049	SSF x LoA	-6,75614982	0,039	0,317
CHR1	14717144	CHR1:14717144	SSF x LoA	-4,46026752	-0,140	0,317
CHR1	14719407	CHR1:14719407	SSF x LoA	-8,54918745	0,150	0,299
CHR1	14719463	CHR1:14719463	SSF x LoA	-10,135776	0,129	0,293
CHR1	14730556	CHR1:14730556	SSF x LoA	-8,72880882	-0,051	0,316
CHR1	14730606	CHR1:14730606	SSF x LoA	-4,87131127	-0,015	0,299
CHR1	14730610	CHR1:14730610	SSF x LoA	-9,52955939	-0,010	0,299
CHR1	14730711	CHR1:14730711	SSF x LoA	-10,3986012	0,005	0,314
CHR1	1475210	CHR1:1475210	SSF x LoA	-9,15577452	0,024	0,304
CHR1	1475222	CHR1:1475222	SSF x LoA	-9,97840577	0,013	0,300
CHR1	1475245	CHR1:1475245	SSF x LoA	-9,19614934	-0,033	0,315
CHR1	1475476	CHR1:1475476	SSF x LoA	-7,28233369	-0,083	0,294
CHR1	14761415	CHR1:14761415	SSF x LoA	-9,19200871	0,062	0,316

CHR1	14774242	CHR1:14774242	SSF x LoA	-8,7580851	0,106	0,311
CHR1	14774256	CHR1:14774256	SSF x LoA	-11,411032	-0,078	0,303
CHR1	14774270	CHR1:14774270	SSF x LoA	-10,2941205	-0,037	0,304
CHR1	14774295	CHR1:14774295	SSF x LoA	-2,25237735	-0,127	0,304
CHR1	14774318	CHR1:14774318	SSF x LoA	-6,25607985	0,104	0,323
CHR1	14774336	CHR1:14774336	SSF x LoA	-8,52330579	-0,082	0,295
CHR1	1479328	CHR1:1479328	SSF x LoA	-8,03100843	-0,059	0,313
CHR1	1479348	CHR1:1479348	SSF x LoA	-8,78438415	-0,072	0,302
CHR1	1479399	CHR1:1479399	SSF x LoA	-9,74484759	0,073	0,303
CHR1	1479483	CHR1:1479483	SSF x LoA	-9,3185255	-0,044	0,309
CHR1	14801434	CHR1:14801434	SSF x LoA	-8,27315464	0,033	0,317
CHR1	1480907	CHR1:1480907	SSF x LoA	-7,42529214	-0,136	0,309
CHR1	1480938	CHR1:1480938	SSF x LoA	-8,00131105	-0,127	0,288
CHR1	1480964	CHR1:1480964	SSF x LoA	-8,44222373	-0,047	0,298
CHR1	14814941	CHR1:14814941	SSF x LoA	-8,53886036	0,073	0,307
CHR1	14814957	CHR1:14814957	SSF x LoA	-7,76856841	0,090	0,291
CHR1	14814992	CHR1:14814992	SSF x LoA	-8,47036888	0,072	0,303
CHR1	14816878	CHR1:14816878	SSF x LoA	-8,96184302	0,072	0,303
CHR1	14838557	CHR1:14838557	SSF x LoA	-10,0018968	0,104	0,308
CHR1	14838603	CHR1:14838603	SSF x LoA	-8,80488937	0,142	0,303
CHR1	14863068	CHR1:14863068	SSF x LoA	-10,2783579	-0,084	0,312
CHR1	14863073	CHR1:14863073	SSF x LoA	-11,7796709	-0,002	0,294
CHR1	14863107	CHR1:14863107	SSF x LoA	-7,6775098	0,066	0,314
CHR1	14863135	CHR1:14863135	SSF x LoA	-8,64349658	-0,006	0,316
CHR1	14863192	CHR1:14863192	SSF x LoA	-9,69860727	0,032	0,319
CHR1	14863254	CHR1:14863254	SSF x LoA	-8,79001359	-0,098	0,321
CHR1	14863267	CHR1:14863267	SSF x LoA	-6,85431029	-0,085	0,305
CHR1	14863278	CHR1:14863278	SSF x LoA	-10,1889017	-0,039	0,301
CHR1	14873141	CHR1:14873141	SSF x LoA	-10,843992	-0,038	0,307
CHR1	14873219	CHR1:14873219	SSF x LoA	-9,28992381	0,015	0,301
CHR1	14873260	CHR1:14873260	SSF x LoA	-10,3574233	0,009	0,308
CHR1	14873362	CHR1:14873362	SSF x LoA	-4,51664005	0,166	0,300
CHR1	14877131	CHR1:14877131	SSF x LoA	-9,48897873	-0,038	0,304
CHR1	14877195	CHR1:14877195	SSF x LoA	-7,36507326	0,109	0,319
CHR1	14877326	CHR1:14877326	SSF x LoA	-8,61113786	-0,070	0,306
CHR1	14877342	CHR1:14877342	SSF x LoA	-7,42895104	-0,121	0,296
CHR1	14877359	CHR1:14877359	SSF x LoA	-10,5129513	-0,011	0,312
CHR1	1488340	CHR1:1488340	SSF x LoA	-11,776073	-0,039	0,308
CHR1	14887975	CHR1:14887975	SSF x LoA	-9,60914217	0,004	0,313
CHR1	14888107	CHR1:14888107	SSF x LoA	-8,90968431	0,020	0,304
CHR1	14888129	CHR1:14888129	SSF x LoA	-8,62593992	-0,009	0,309
CHR1	14888131	CHR1:14888131	SSF x LoA	-7,792596	0,024	0,314
CHR1	14888187	CHR1:14888187	SSF x LoA	-10,8595009	-0,060	0,303
CHR1	14888204	CHR1:14888204	SSF x LoA	-9,5061942	-0,028	0,305
CHR1	14888215	CHR1:14888215	SSF x LoA	-9,44332574	-0,025	0,309
CHR1	14888217	CHR1:14888217	SSF x LoA	-10,3767182	0,016	0,308
CHR1	14904756	CHR1:14904756	SSF x LoA	-11,0326162	0,065	0,307
CHR1	14904846	CHR1:14904846	SSF x LoA	-7,63935583	-0,017	0,305
CHR1	14904892	CHR1:14904892	SSF x LoA	-9,22429294	-0,126	0,302
CHR1	14908525	CHR1:14908525	SSF x LoA	-6,94297878	-0,123	0,298
CHR1	14921030	CHR1:14921030	SSF x LoA	-10,4657957	-0,066	0,318
CHR1	14921226	CHR1:14921226	SSF x LoA	-9,13726723	-0,052	0,295
CHR1	14923720	CHR1:14923720	SSF x LoA	-7,31900772	-0,107	0,290

CHR1	14923728	CHR1:14923728	SSF x LoA	-9,25846367	0,025	0,306
CHR1	1494024	CHR1:1494024	SSF x LoA	-9,45982557	-0,028	0,298
CHR1	14943753	CHR1:14943753	SSF x LoA	-7,15812961	0,040	0,319
CHR1	14953812	CHR1:14953812	SSF x LoA	-7,67281453	0,024	0,305
CHR1	14954715	CHR1:14954715	SSF x LoA	-8,91092639	0,041	0,310
CHR1	14956336	CHR1:14956336	SSF x LoA	-8,80415031	-0,026	0,309
CHR1	14956414	CHR1:14956414	SSF x LoA	-7,86439389	-0,018	0,315
CHR1	14962252	CHR1:14962252	SSF x LoA	-9,22034525	-0,022	0,324
CHR1	14962278	CHR1:14962278	SSF x LoA	-8,53483217	-0,121	0,298
CHR1	14962450	CHR1:14962450	SSF x LoA	-8,57284131	-0,064	0,304
CHR1	14962546	CHR1:14962546	SSF x LoA	-5,69807014	0,069	0,323
CHR1	14973421	CHR1:14973421	SSF x LoA	-9,11322344	-0,005	0,312
CHR1	1498049	CHR1:1498049	SSF x LoA	-11,0204648	-0,117	0,301
CHR1	14996195	CHR1:14996195	SSF x LoA	-9,29640829	-0,071	0,301
CHR1	14996289	CHR1:14996289	SSF x LoA	-8,44788225	-0,040	0,317
CHR1	15016931	CHR1:15016931	SSF x LoA	-6,51222392	0,024	0,323
CHR1	15016943	CHR1:15016943	SSF x LoA	-8,68310486	0,009	0,322
CHR1	15016946	CHR1:15016946	SSF x LoA	-9,57388273	0,032	0,308
CHR1	15016961	CHR1:15016961	SSF x LoA	-9,0720755	0,043	0,313
CHR1	15016970	CHR1:15016970	SSF x LoA	-4,51236887	0,016	0,314
CHR1	15016980	CHR1:15016980	SSF x LoA	-8,19715266	0,046	0,321
CHR1	15016991	CHR1:15016991	SSF x LoA	-8,81794136	0,038	0,311
CHR1	15017038	CHR1:15017038	SSF x LoA	-8,51938896	0,020	0,322
CHR1	15017039	CHR1:15017039	SSF x LoA	-7,31296171	0,015	0,314
CHR1	1504920	CHR1:1504920	SSF x LoA	-11,0457256	0,033	0,303
CHR1	1504937	CHR1:1504937	SSF x LoA	-10,025521	0,152	0,305
CHR1	1504958	CHR1:1504958	SSF x LoA	-10,5042412	-0,150	0,306
CHR1	1505038	CHR1:1505038	SSF x LoA	-6,20502198	0,151	0,305
CHR1	1508396	CHR1:1508396	SSF x LoA	-7,92955969	0,046	0,317
CHR1	15139067	CHR1:15139067	SSF x LoA	-8,61609213	-0,008	0,313
CHR1	15139072	CHR1:15139072	SSF x LoA	-7,43780263	-0,015	0,315
CHR1	15139150	CHR1:15139150	SSF x LoA	-9,12624066	-0,017	0,315
CHR1	15139229	CHR1:15139229	SSF x LoA	-8,46274781	-0,010	0,317
CHR1	1514471	CHR1:1514471	SSF x LoA	-8,71377647	0,050	0,315
CHR1	1514554	CHR1:1514554	SSF x LoA	-7,13134829	0,026	0,307
CHR1	151686	CHR1:151686	SSF x LoA	-8,10123138	-0,096	0,292
CHR1	151713	CHR1:151713	SSF x LoA	-10,3076614	0,036	0,301
CHR1	15242897	CHR1:15242897	SSF x LoA	-11,2645879	0,067	0,310
CHR1	1525747	CHR1:1525747	SSF x LoA	-9,37409778	-0,102	0,310
CHR1	1525772	CHR1:1525772	SSF x LoA	-4,29697909	0,146	0,301
CHR1	1525986	CHR1:1525986	SSF x LoA	-8,55424557	-0,044	0,302
CHR1	1526026	CHR1:1526026	SSF x LoA	-8,74581367	-0,043	0,304
CHR1	15271849	CHR1:15271849	SSF x LoA	-7,3541003	-0,155	0,301
CHR1	15271878	CHR1:15271878	SSF x LoA	-8,98311015	-0,098	0,296
CHR1	15271888	CHR1:15271888	SSF x LoA	-10,663232	-0,078	0,302
CHR1	15271897	CHR1:15271897	SSF x LoA	-9,27539696	-0,114	0,300
CHR1	15271899	CHR1:15271899	SSF x LoA	-8,2793808	-0,122	0,302
CHR1	15271905	CHR1:15271905	SSF x LoA	-9,2070859	-0,137	0,307
CHR1	15271934	CHR1:15271934	SSF x LoA	-6,5181227	-0,119	0,298
CHR1	15271981	CHR1:15271981	SSF x LoA	-8,73399011	-0,102	0,299
CHR1	1535804	CHR1:1535804	SSF x LoA	-10,2078741	0,026	0,315
CHR1	1535836	CHR1:1535836	SSF x LoA	-7,62416587	0,086	0,310
CHR1	1535853	CHR1:1535853	SSF x LoA	-5,89887027	-0,012	0,323

CHR1	1535869	CHR1:1535869	SSF x LoA	-4,50256019	0,217	0,289
CHR1	1542438	CHR1:1542438	SSF x LoA	-7,76159236	-0,082	0,303
CHR1	1542476	CHR1:1542476	SSF x LoA	-8,84840755	0,078	0,300
CHR1	1542570	CHR1:1542570	SSF x LoA	-9,54635687	0,089	0,308
CHR1	1544756	CHR1:1544756	SSF x LoA	-9,80350123	-0,131	0,299
CHR1	15471583	CHR1:15471583	SSF x LoA	-9,13467301	-0,007	0,312
CHR1	15471586	CHR1:15471586	SSF x LoA	-8,75942018	-0,022	0,318
CHR1	15477241	CHR1:15477241	SSF x LoA	-4,21726627	-0,021	0,324
CHR1	15477289	CHR1:15477289	SSF x LoA	-8,00198456	-0,004	0,327
CHR1	15477296	CHR1:15477296	SSF x LoA	-8,60143478	-0,007	0,320
CHR1	15477301	CHR1:15477301	SSF x LoA	-7,24101262	0,019	0,333
CHR1	15477311	CHR1:15477311	SSF x LoA	-7,09738282	0,009	0,321
CHR1	15477330	CHR1:15477330	SSF x LoA	-9,49142053	0,002	0,306
CHR1	15477345	CHR1:15477345	SSF x LoA	-8,29868905	0,003	0,323
CHR1	15477475	CHR1:15477475	SSF x LoA	-7,54425189	0,010	0,311
CHR1	15477486	CHR1:15477486	SSF x LoA	-6,36729227	-0,017	0,318
CHR1	15477523	CHR1:15477523	SSF x LoA	-8,26206603	-0,021	0,324
CHR1	15477533	CHR1:15477533	SSF x LoA	-7,26926307	-0,020	0,324
CHR1	15477540	CHR1:15477540	SSF x LoA	-8,16630847	0,015	0,323
CHR1	15477549	CHR1:15477549	SSF x LoA	-4,72779718	0,014	0,316
CHR1	15477565	CHR1:15477565	SSF x LoA	-8,62812814	0,000	0,316
CHR1	15500195	CHR1:15500195	SSF x LoA	-9,68616593	-0,017	0,317
CHR1	1550160	CHR1:1550160	SSF x LoA	-2,73029191	0,203	0,305
CHR1	1551669	CHR1:1551669	SSF x LoA	-8,11917573	0,024	0,313
CHR1	1558015	CHR1:1558015	SSF x LoA	-11,4281073	0,061	0,303
CHR1	1558079	CHR1:1558079	SSF x LoA	-8,97902252	-0,022	0,312
CHR1	15634733	CHR1:15634733	SSF x LoA	-11,4043665	0,019	0,307
CHR1	1565230	CHR1:1565230	SSF x LoA	-8,87369199	-0,113	0,296
CHR1	1565233	CHR1:1565233	SSF x LoA	-5,19328626	-0,098	0,304
CHR1	1565253	CHR1:1565253	SSF x LoA	-10,3009513	-0,063	0,305
CHR1	15668653	CHR1:15668653	SSF x LoA	-7,94549523	-0,079	0,302
CHR1	15703074	CHR1:15703074	SSF x LoA	-10,4460088	0,011	0,308
CHR1	15703191	CHR1:15703191	SSF x LoA	-8,96624667	0,036	0,298
CHR1	15725537	CHR1:15725537	SSF x LoA	-9,03429206	0,123	0,299
CHR1	1573452	CHR1:1573452	SSF x LoA	-11,7554339	0,009	0,309
CHR1	1573480	CHR1:1573480	SSF x LoA	-10,9037933	0,059	0,314
CHR1	1573515	CHR1:1573515	SSF x LoA	-9,86285658	0,107	0,306
CHR1	1573560	CHR1:1573560	SSF x LoA	-7,39190708	-0,089	0,326
CHR1	1573567	CHR1:1573567	SSF x LoA	-8,15462543	-0,099	0,308
CHR1	1573570	CHR1:1573570	SSF x LoA	-8,56491371	-0,087	0,303
CHR1	1573724	CHR1:1573724	SSF x LoA	-7,51344007	-0,106	0,303
CHR1	15799540	CHR1:15799540	SSF x LoA	-9,40889159	-0,031	0,303
CHR1	15799588	CHR1:15799588	SSF x LoA	-8,55251221	-0,008	0,324
CHR1	15819625	CHR1:15819625	SSF x LoA	-6,00129147	0,113	0,298
CHR1	15841152	CHR1:15841152	SSF x LoA	-8,73610416	0,112	0,302
CHR1	1586350	CHR1:1586350	SSF x LoA	-9,09186123	0,014	0,315
CHR1	15890217	CHR1:15890217	SSF x LoA	-12,1154278	-0,046	0,304
CHR1	1589448	CHR1:1589448	SSF x LoA	-11,9822169	-0,001	0,307
CHR1	1589591	CHR1:1589591	SSF x LoA	-8,27386608	-0,053	0,310
CHR1	15974093	CHR1:15974093	SSF x LoA	-11,2209844	0,068	0,304
CHR1	1597843	CHR1:1597843	SSF x LoA	-7,75346803	0,142	0,302
CHR1	1597967	CHR1:1597967	SSF x LoA	-10,3186444	0,120	0,289
CHR1	1599808	CHR1:1599808	SSF x LoA	-9,21512598	-0,092	0,308

CHR1	1599848	CHR1:1599848	SSF x LoA	-8,38262132	0,034	0,301
CHR1	16014168	CHR1:16014168	SSF x LoA	-7,32836256	-0,095	0,323
CHR1	16101851	CHR1:16101851	SSF x LoA	-5,08670356	-0,161	0,295
CHR1	16101911	CHR1:16101911	SSF x LoA	-12,0079771	-0,015	0,298
CHR1	16101920	CHR1:16101920	SSF x LoA	-10,225512	0,086	0,304
CHR1	16101928	CHR1:16101928	SSF x LoA	-12,1350837	0,010	0,308
CHR1	16101941	CHR1:16101941	SSF x LoA	-11,7966815	-0,001	0,309
CHR1	16101973	CHR1:16101973	SSF x LoA	-8,2921147	0,067	0,304
CHR1	16101979	CHR1:16101979	SSF x LoA	-9,75215457	0,067	0,309
CHR1	16101992	CHR1:16101992	SSF x LoA	-9,51323266	0,100	0,306
CHR1	16101994	CHR1:16101994	SSF x LoA	-8,86018949	0,080	0,323
CHR1	16102016	CHR1:16102016	SSF x LoA	-8,9943495	0,049	0,317
CHR1	16102024	CHR1:16102024	SSF x LoA	-9,75385881	0,077	0,310
CHR1	16102025	CHR1:16102025	SSF x LoA	-9,2708614	-0,006	0,300
CHR1	16114003	CHR1:16114003	SSF x LoA	-7,82878801	-0,112	0,305
CHR1	1611873	CHR1:1611873	SSF x LoA	-9,07317492	-0,165	0,291
CHR1	1612135	CHR1:1612135	SSF x LoA	-6,61214525	-0,134	0,309
CHR1	161681	CHR1:161681	SSF x LoA	8,84725877	-0,102	0,308
CHR1	16198108	CHR1:16198108	SSF x LoA	-9,7333564	0,084	0,304
CHR1	16205588	CHR1:16205588	SSF x LoA	-8,52722514	0,033	0,318
CHR1	16205608	CHR1:16205608	SSF x LoA	-8,92490603	-0,011	0,307
CHR1	1622259	CHR1:1622259	SSF x LoA	-11,1972006	-0,013	0,316
CHR1	1622260	CHR1:1622260	SSF x LoA	-11,2572536	0,025	0,310
CHR1	16271821	CHR1:16271821	SSF x LoA	-8,48171426	-0,086	0,304
CHR1	16297637	CHR1:16297637	SSF x LoA	-9,5586452	0,082	0,312
CHR1	16297720	CHR1:16297720	SSF x LoA	-10,4943997	0,008	0,312
CHR1	16309618	CHR1:16309618	SSF x LoA	-8,50958861	0,003	0,317
CHR1	16311262	CHR1:16311262	SSF x LoA	-7,95847874	0,105	0,313
CHR1	16311499	CHR1:16311499	SSF x LoA	-5,84745558	-0,112	0,296
CHR1	16311514	CHR1:16311514	SSF x LoA	-9,68399604	-0,044	0,305
CHR1	16321707	CHR1:16321707	SSF x LoA	-9,27860222	0,007	0,311
CHR1	16322175	CHR1:16322175	SSF x LoA	-7,53819285	-0,075	0,308
CHR1	16332924	CHR1:16332924	SSF x LoA	-9,75161591	-0,038	0,310
CHR1	16332982	CHR1:16332982	SSF x LoA	-8,85988345	-0,010	0,304
CHR1	16352784	CHR1:16352784	SSF x LoA	-8,92654339	-0,011	0,311
CHR1	16352966	CHR1:16352966	SSF x LoA	-10,8989958	-0,002	0,308
CHR1	16375545	CHR1:16375545	SSF x LoA	-9,55639118	-0,055	0,320
CHR1	16375566	CHR1:16375566	SSF x LoA	-10,958621	-0,106	0,296
CHR1	16375579	CHR1:16375579	SSF x LoA	-11,0680572	-0,062	0,302
CHR1	16375603	CHR1:16375603	SSF x LoA	-9,52474441	0,010	0,320
CHR1	16375668	CHR1:16375668	SSF x LoA	-8,66011714	0,065	0,298
CHR1	16382819	CHR1:16382819	SSF x LoA	-8,24987716	0,040	0,321
CHR1	16388591	CHR1:16388591	SSF x LoA	-9,94209294	0,047	0,304
CHR1	16388755	CHR1:16388755	SSF x LoA	-5,74269239	-0,088	0,326
CHR1	1639010	CHR1:1639010	SSF x LoA	-8,01470108	0,025	0,293
CHR1	1639106	CHR1:1639106	SSF x LoA	-8,90114989	0,095	0,306
CHR1	1639188	CHR1:1639188	SSF x LoA	-10,7019279	-0,004	0,301
CHR1	16396131	CHR1:16396131	SSF x LoA	-9,32843797	0,000	0,323
CHR1	16396182	CHR1:16396182	SSF x LoA	-8,87784017	0,021	0,318
CHR1	16396207	CHR1:16396207	SSF x LoA	-9,98284917	0,016	0,315
CHR1	16396248	CHR1:16396248	SSF x LoA	-8,06146395	0,028	0,298
CHR1	16417202	CHR1:16417202	SSF x LoA	-12,3563339	-0,044	0,316
CHR1	16417220	CHR1:16417220	SSF x LoA	-9,64023729	-0,087	0,310

CHR1	16417295	CHR1:16417295	SSF x LoA	-10,4126032	-0,078	0,308
CHR1	16417313	CHR1:16417313	SSF x LoA	-9,29890933	-0,069	0,315
CHR1	16417315	CHR1:16417315	SSF x LoA	-10,158503	-0,072	0,301
CHR1	16417316	CHR1:16417316	SSF x LoA	-10,1285488	-0,071	0,301
CHR1	16417352	CHR1:16417352	SSF x LoA	-9,95300177	-0,074	0,304
CHR1	16417361	CHR1:16417361	SSF x LoA	-9,2004079	-0,076	0,308
CHR1	16417389	CHR1:16417389	SSF x LoA	-8,5386675	-0,095	0,312
CHR1	16417505	CHR1:16417505	SSF x LoA	-9,42804454	0,016	0,300
CHR1	16417510	CHR1:16417510	SSF x LoA	-9,15252936	-0,073	0,311
CHR1	16417545	CHR1:16417545	SSF x LoA	-9,07141505	-0,044	0,310
CHR1	16417564	CHR1:16417564	SSF x LoA	-9,62306345	-0,061	0,312
CHR1	16417575	CHR1:16417575	SSF x LoA	-9,18071555	0,035	0,309
CHR1	16419266	CHR1:16419266	SSF x LoA	-7,46297048	0,042	0,310
CHR1	16419268	CHR1:16419268	SSF x LoA	-7,5692203	0,018	0,308
CHR1	16422014	CHR1:16422014	SSF x LoA	-9,36272076	-0,026	0,310
CHR1	16422168	CHR1:16422168	SSF x LoA	-8,57778207	-0,069	0,306
CHR1	16422212	CHR1:16422212	SSF x LoA	-8,35441357	-0,041	0,316
CHR1	16435606	CHR1:16435606	SSF x LoA	-6,25214826	0,098	0,317
CHR1	16435650	CHR1:16435650	SSF x LoA	-7,19907272	0,069	0,317
CHR1	16446067	CHR1:16446067	SSF x LoA	-8,98645985	-0,078	0,298
CHR1	16446178	CHR1:16446178	SSF x LoA	-8,50476716	-0,044	0,294
CHR1	16479527	CHR1:16479527	SSF x LoA	-10,4014965	-0,005	0,305
CHR1	16479541	CHR1:16479541	SSF x LoA	-10,5686901	-0,066	0,305
CHR1	16479543	CHR1:16479543	SSF x LoA	-10,2312398	0,005	0,302
CHR1	16479560	CHR1:16479560	SSF x LoA	-9,10753457	0,032	0,304
CHR1	16479590	CHR1:16479590	SSF x LoA	-9,8093842	0,031	0,309
CHR1	16479597	CHR1:16479597	SSF x LoA	-8,220509	0,019	0,308
CHR1	16479615	CHR1:16479615	SSF x LoA	-9,84257091	0,017	0,302
CHR1	16479625	CHR1:16479625	SSF x LoA	-8,86068193	0,042	0,307
CHR1	16479637	CHR1:16479637	SSF x LoA	-3,89031747	0,034	0,316
CHR1	16479638	CHR1:16479638	SSF x LoA	-10,4409455	-0,084	0,296
CHR1	16492596	CHR1:16492596	SSF x LoA	-8,44095744	-0,018	0,298
CHR1	16517131	CHR1:16517131	SSF x LoA	-8,04832664	-0,134	0,305
CHR1	16517263	CHR1:16517263	SSF x LoA	-9,64409202	0,113	0,296
CHR1	1652777	CHR1:1652777	SSF x LoA	-10,388774	0,077	0,296
CHR1	1652794	CHR1:1652794	SSF x LoA	-11,556271	0,046	0,312
CHR1	16535346	CHR1:16535346	SSF x LoA	-10,3086807	-0,120	0,296
CHR1	16535461	CHR1:16535461	SSF x LoA	-10,4790831	-0,120	0,318
CHR1	16535571	CHR1:16535571	SSF x LoA	-8,63704446	-0,054	0,311
CHR1	1657336	CHR1:1657336	SSF x LoA	-8,85629667	-0,025	0,316
CHR1	16596687	CHR1:16596687	SSF x LoA	-10,8555865	-0,040	0,311
CHR1	16596702	CHR1:16596702	SSF x LoA	-9,68396485	-0,031	0,310
CHR1	16596726	CHR1:16596726	SSF x LoA	-11,4252498	-0,032	0,301
CHR1	16596742	CHR1:16596742	SSF x LoA	-2,68278082	-0,105	0,312
CHR1	16596764	CHR1:16596764	SSF x LoA	-8,93457281	-0,076	0,312
CHR1	16597799	CHR1:16597799	SSF x LoA	-4,93379981	0,124	0,302
CHR1	16597875	CHR1:16597875	SSF x LoA	-9,78514024	-0,027	0,299
CHR1	16597879	CHR1:16597879	SSF x LoA	-11,3631278	-0,052	0,309
CHR1	16615635	CHR1:16615635	SSF x LoA	-9,89917081	-0,040	0,320
CHR1	16615681	CHR1:16615681	SSF x LoA	-6,52101038	-0,061	0,308
CHR1	16629854	CHR1:16629854	SSF x LoA	-8,25138907	-0,138	0,309
CHR1	16629928	CHR1:16629928	SSF x LoA	-4,86760947	-0,170	0,299
CHR1	16630548	CHR1:16630548	SSF x LoA	-10,6673847	0,063	0,297

CHR1	16633030	CHR1:16633030	SSF x LoA	-8,66231998	-0,129	0,315
CHR1	16644297	CHR1:16644297	SSF x LoA	-6,86867883	-0,190	0,302
CHR1	16652636	CHR1:16652636	SSF x LoA	-11,1382235	0,041	0,306
CHR1	1668689	CHR1:1668689	SSF x LoA	-8,10538159	-0,125	0,305
CHR1	16687863	CHR1:16687863	SSF x LoA	-6,92633569	-0,047	0,306
CHR1	16696323	CHR1:16696323	SSF x LoA	-9,01965284	0,082	0,299
CHR1	16700092	CHR1:16700092	SSF x LoA	-9,41255434	0,042	0,307
CHR1	1673134	CHR1:1673134	SSF x LoA	-11,7835613	-0,076	0,303
CHR1	1673257	CHR1:1673257	SSF x LoA	-10,1180987	-0,164	0,298
CHR1	1673278	CHR1:1673278	SSF x LoA	-11,2032446	0,054	0,302
CHR1	1673367	CHR1:1673367	SSF x LoA	-10,6607317	0,072	0,299
CHR1	16734408	CHR1:16734408	SSF x LoA	-7,26668681	0,029	0,310
CHR1	16754	CHR1:16754	SSF x LoA	-8,65167513	0,044	0,323
CHR1	16762152	CHR1:16762152	SSF x LoA	-9,57814889	-0,087	0,304
CHR1	167649	CHR1:167649	SSF x LoA	-10,3601117	-0,039	0,315
CHR1	16771957	CHR1:16771957	SSF x LoA	-8,26270991	-0,004	0,307
CHR1	16777980	CHR1:16777980	SSF x LoA	-8,96850323	-0,116	0,306
CHR1	16782277	CHR1:16782277	SSF x LoA	-10,2368842	-0,010	0,303
CHR1	16789911	CHR1:16789911	SSF x LoA	-10,231068	0,003	0,315
CHR1	16811567	CHR1:16811567	SSF x LoA	-9,86697724	0,045	0,306
CHR1	16811568	CHR1:16811568	SSF x LoA	-9,80550724	0,065	0,293
CHR1	16811735	CHR1:16811735	SSF x LoA	-7,5514833	-0,046	0,310
CHR1	16811805	CHR1:16811805	SSF x LoA	-8,30383824	0,056	0,306
CHR1	16815802	CHR1:16815802	SSF x LoA	-7,97325955	0,117	0,294
CHR1	16817969	CHR1:16817969	SSF x LoA	-10,56384	0,043	0,303
CHR1	16818055	CHR1:16818055	SSF x LoA	-8,9030999	-0,016	0,308
CHR1	16823392	CHR1:16823392	SSF x LoA	-9,33613052	-0,078	0,297
CHR1	16823478	CHR1:16823478	SSF x LoA	-6,13216497	0,075	0,320
CHR1	16823495	CHR1:16823495	SSF x LoA	-9,20072031	0,040	0,299
CHR1	16843864	CHR1:16843864	SSF x LoA	-8,27045618	0,043	0,310
CHR1	16844831	CHR1:16844831	SSF x LoA	-9,29635082	-0,026	0,318
CHR1	16850307	CHR1:16850307	SSF x LoA	-11,2243331	0,003	0,303
CHR1	16850353	CHR1:16850353	SSF x LoA	-7,33892539	0,013	0,304
CHR1	16860494	CHR1:16860494	SSF x LoA	-8,23078974	-0,001	0,323
CHR1	16862421	CHR1:16862421	SSF x LoA	-10,8040912	0,007	0,313
CHR1	16870854	CHR1:16870854	SSF x LoA	-10,4932256	-0,139	0,295
CHR1	16880667	CHR1:16880667	SSF x LoA	-8,67335762	0,009	0,311
CHR1	16882298	CHR1:16882298	SSF x LoA	-7,78866415	0,103	0,299
CHR1	16898822	CHR1:16898822	SSF x LoA	-9,14340305	-0,036	0,305
CHR1	16903695	CHR1:16903695	SSF x LoA	-9,8546166	0,075	0,302
CHR1	16903818	CHR1:16903818	SSF x LoA	-9,61218384	-0,017	0,316
CHR1	16927351	CHR1:16927351	SSF x LoA	-9,94591961	0,006	0,307
CHR1	1696495	CHR1:1696495	SSF x LoA	-9,15489043	0,089	0,306
CHR1	16969551	CHR1:16969551	SSF x LoA	-10,1179617	-0,058	0,305
CHR1	16969703	CHR1:16969703	SSF x LoA	-9,67427213	-0,068	0,309
CHR1	17002117	CHR1:17002117	SSF x LoA	-7,80791844	0,109	0,315
CHR1	17002266	CHR1:17002266	SSF x LoA	-7,86315039	-0,138	0,304
CHR1	17012587	CHR1:17012587	SSF x LoA	-2,06860008	-0,022	0,305
CHR1	17012596	CHR1:17012596	SSF x LoA	-9,25323647	-0,103	0,303
CHR1	17012686	CHR1:17012686	SSF x LoA	-5,26522043	-0,081	0,303
CHR1	17012737	CHR1:17012737	SSF x LoA	-8,93023817	0,011	0,304
CHR1	17041728	CHR1:17041728	SSF x LoA	-10,6025609	-0,018	0,305
CHR1	17041779	CHR1:17041779	SSF x LoA	-8,82339467	-0,009	0,312

CHR1	17044857	CHR1:17044857	SSF x LoA	-7,85809038	0,027	0,320
CHR1	17053669	CHR1:17053669	SSF x LoA	-7,17075487	0,135	0,306
CHR1	17058484	CHR1:17058484	SSF x LoA	-7,77952381	-0,046	0,310
CHR1	17058518	CHR1:17058518	SSF x LoA	-7,54363135	-0,081	0,307
CHR1	17058533	CHR1:17058533	SSF x LoA	-9,0916358	-0,060	0,299
CHR1	17067578	CHR1:17067578	SSF x LoA	-8,26441861	0,005	0,316
CHR1	17067702	CHR1:17067702	SSF x LoA	-10,3489352	0,034	0,306
CHR1	17073496	CHR1:17073496	SSF x LoA	1,17729568	0,237	0,283
CHR1	17073612	CHR1:17073612	SSF x LoA	-8,99599768	-0,057	0,318
CHR1	1707965	CHR1:1707965	SSF x LoA	-7,46652668	-0,121	0,301
CHR1	1708088	CHR1:1708088	SSF x LoA	-10,507918	0,054	0,309
CHR1	1708092	CHR1:1708092	SSF x LoA	-10,1175844	0,056	0,315
CHR1	1708146	CHR1:1708146	SSF x LoA	-11,2744262	-0,057	0,298
CHR1	1708168	CHR1:1708168	SSF x LoA	-8,33125272	0,067	0,299
CHR1	17086597	CHR1:17086597	SSF x LoA	-7,70563825	-0,034	0,294
CHR1	17086598	CHR1:17086598	SSF x LoA	-8,08916538	-0,025	0,301
CHR1	17086711	CHR1:17086711	SSF x LoA	-7,29569284	-0,043	0,310
CHR1	17091059	CHR1:17091059	SSF x LoA	-8,29657823	-0,092	0,288
CHR1	17091187	CHR1:17091187	SSF x LoA	-11,5006742	-0,062	0,297
CHR1	17098543	CHR1:17098543	SSF x LoA	-9,76686575	-0,004	0,311
CHR1	17101531	CHR1:17101531	SSF x LoA	-10,326675	0,002	0,328
CHR1	17101578	CHR1:17101578	SSF x LoA	-4,24865287	0,148	0,304
CHR1	17101621	CHR1:17101621	SSF x LoA	-8,96709902	0,049	0,310
CHR1	17101635	CHR1:17101635	SSF x LoA	-7,61767286	0,045	0,307
CHR1	17101638	CHR1:17101638	SSF x LoA	-8,83220649	-0,018	0,311
CHR1	17101697	CHR1:17101697	SSF x LoA	-10,3420036	0,120	0,305
CHR1	17108574	CHR1:17108574	SSF x LoA	-4,13341044	-0,302	0,290
CHR1	17108582	CHR1:17108582	SSF x LoA	-10,6878574	0,076	0,306
CHR1	17108620	CHR1:17108620	SSF x LoA	3,98965454	-0,229	0,289
CHR1	17108637	CHR1:17108637	SSF x LoA	10,8525647	-0,206	0,298
CHR1	17108641	CHR1:17108641	SSF x LoA	-10,0384553	-0,115	0,300
CHR1	17109328	CHR1:17109328	SSF x LoA	-5,64446401	-0,101	0,299
CHR1	1712796	CHR1:1712796	SSF x LoA	-7,56395216	0,061	0,309
CHR1	1712864	CHR1:1712864	SSF x LoA	-9,11233063	0,105	0,309
CHR1	1712962	CHR1:1712962	SSF x LoA	-10,2083226	0,005	0,324
CHR1	1713012	CHR1:1713012	SSF x LoA	-10,6070482	-0,122	0,311
CHR1	17142221	CHR1:17142221	SSF x LoA	-10,2940379	0,125	0,292
CHR1	17143260	CHR1:17143260	SSF x LoA	-2,59244859	0,040	0,307
CHR1	17143275	CHR1:17143275	SSF x LoA	-10,1870893	0,065	0,306
CHR1	17143320	CHR1:17143320	SSF x LoA	-10,2876044	0,023	0,310
CHR1	17143333	CHR1:17143333	SSF x LoA	-11,5872362	-0,023	0,313
CHR1	17143335	CHR1:17143335	SSF x LoA	-7,05825046	-0,173	0,301
CHR1	17143380	CHR1:17143380	SSF x LoA	-9,90519023	-0,154	0,289
CHR1	17171927	CHR1:17171927	SSF x LoA	-8,56946749	-0,051	0,313
CHR1	17172006	CHR1:17172006	SSF x LoA	-8,90916493	-0,015	0,306
CHR1	17172007	CHR1:17172007	SSF x LoA	-6,16749955	0,000	0,308
CHR1	17172115	CHR1:17172115	SSF x LoA	-10,3873903	-0,012	0,309
CHR1	17172263	CHR1:17172263	SSF x LoA	-10,6174119	0,068	0,310
CHR1	1717663	CHR1:1717663	SSF x LoA	-10,9820743	-0,117	0,302
CHR1	1717704	CHR1:1717704	SSF x LoA	-11,1981798	0,146	0,300
CHR1	1717720	CHR1:1717720	SSF x LoA	-9,73325904	0,034	0,313
CHR1	1717811	CHR1:1717811	SSF x LoA	-9,06133784	-0,072	0,293
CHR1	17197063	CHR1:17197063	SSF x LoA	-6,62953849	0,026	0,322

CHR1	17197087	CHR1:17197087	SSF x LoA	-9,26349845	0,065	0,320
CHR1	17197110	CHR1:17197110	SSF x LoA	-5,62002047	0,048	0,318
CHR1	17197309	CHR1:17197309	SSF x LoA	-9,29465639	0,010	0,321
CHR1	17199663	CHR1:17199663	SSF x LoA	-9,2837694	0,004	0,315
CHR1	17199684	CHR1:17199684	SSF x LoA	-11,174916	0,004	0,310
CHR1	17199686	CHR1:17199686	SSF x LoA	-7,36781689	0,050	0,303
CHR1	17199735	CHR1:17199735	SSF x LoA	-10,0075754	0,022	0,301
CHR1	17199764	CHR1:17199764	SSF x LoA	-7,02835729	0,023	0,302
CHR1	17217082	CHR1:17217082	SSF x LoA	-7,1511297	0,170	0,307
CHR1	17217261	CHR1:17217261	SSF x LoA	-7,33356333	-0,126	0,294
CHR1	17219881	CHR1:17219881	SSF x LoA	-6,48350407	0,218	0,292
CHR1	17219973	CHR1:17219973	SSF x LoA	-8,7886554	-0,046	0,318
CHR1	17225842	CHR1:17225842	SSF x LoA	-8,26985783	-0,003	0,307
CHR1	17225861	CHR1:17225861	SSF x LoA	-8,5097498	-0,021	0,300
CHR1	17230301	CHR1:17230301	SSF x LoA	-10,1208257	0,091	0,320
CHR1	17230611	CHR1:17230611	SSF x LoA	-8,75216304	0,042	0,298
CHR1	17238879	CHR1:17238879	SSF x LoA	-4,80824957	-0,008	0,306
CHR1	17240394	CHR1:17240394	SSF x LoA	-7,43857782	-0,117	0,307
CHR1	17240403	CHR1:17240403	SSF x LoA	-4,79540074	-0,099	0,309
CHR1	17249555	CHR1:17249555	SSF x LoA	-6,34394794	-0,062	0,311
CHR1	17249625	CHR1:17249625	SSF x LoA	-9,56507359	-0,070	0,295
CHR1	17249650	CHR1:17249650	SSF x LoA	-7,00522361	-0,074	0,313
CHR1	17249664	CHR1:17249664	SSF x LoA	-10,32163	-0,027	0,309
CHR1	17249708	CHR1:17249708	SSF x LoA	-8,31452216	0,027	0,313
CHR1	17250707	CHR1:17250707	SSF x LoA	-10,3758045	-0,090	0,296
CHR1	17250720	CHR1:17250720	SSF x LoA	-10,0637337	0,066	0,325
CHR1	17250724	CHR1:17250724	SSF x LoA	-9,94849165	-0,121	0,314
CHR1	17250778	CHR1:17250778	SSF x LoA	-7,83138511	0,171	0,304
CHR1	17250810	CHR1:17250810	SSF x LoA	-7,60754235	0,044	0,313
CHR1	17250825	CHR1:17250825	SSF x LoA	-9,1512672	0,070	0,311
CHR1	17265725	CHR1:17265725	SSF x LoA	-11,9758263	0,012	0,306
CHR1	17265731	CHR1:17265731	SSF x LoA	-11,6255375	0,010	0,308
CHR1	17265745	CHR1:17265745	SSF x LoA	-9,36629675	0,160	0,291
CHR1	17265791	CHR1:17265791	SSF x LoA	-9,32011615	-0,003	0,307
CHR1	17265806	CHR1:17265806	SSF x LoA	-11,8419101	-0,001	0,308
CHR1	17265823	CHR1:17265823	SSF x LoA	-11,1053761	-0,023	0,308
CHR1	17265868	CHR1:17265868	SSF x LoA	-11,4944881	0,109	0,313
CHR1	17265883	CHR1:17265883	SSF x LoA	-10,1425588	0,041	0,302
CHR1	17265895	CHR1:17265895	SSF x LoA	-12,1164721	-0,001	0,294
CHR1	17265909	CHR1:17265909	SSF x LoA	-10,4099955	0,083	0,308
CHR1	17265943	CHR1:17265943	SSF x LoA	-8,61908755	0,036	0,310
CHR1	17265959	CHR1:17265959	SSF x LoA	-11,7277644	0,081	0,298
CHR1	17265986	CHR1:17265986	SSF x LoA	-12,1933607	0,029	0,295
CHR1	17281793	CHR1:17281793	SSF x LoA	-8,57198555	-0,083	0,294
CHR1	17281806	CHR1:17281806	SSF x LoA	-9,07685221	-0,054	0,295
CHR1	17281953	CHR1:17281953	SSF x LoA	-6,24423452	0,052	0,312
CHR1	17281968	CHR1:17281968	SSF x LoA	-9,54618649	0,047	0,307
CHR1	17283855	CHR1:17283855	SSF x LoA	-8,21446414	-0,138	0,310
CHR1	17288507	CHR1:17288507	SSF x LoA	-5,48891388	0,011	0,305
CHR1	17289963	CHR1:17289963	SSF x LoA	-11,5433723	-0,032	0,302
CHR1	17290008	CHR1:17290008	SSF x LoA	-4,98502309	-0,074	0,294
CHR1	17290017	CHR1:17290017	SSF x LoA	-5,55730093	-0,051	0,309
CHR1	17290097	CHR1:17290097	SSF x LoA	-8,7422962	0,103	0,303

CHR1	17290104	CHR1:17290104	SSF x LoA	-8,63281032	-0,036	0,301
CHR1	17290125	CHR1:17290125	SSF x LoA	-9,57634217	-0,040	0,300
CHR1	17299720	CHR1:17299720	SSF x LoA	-8,37727382	-0,060	0,320
CHR1	17300233	CHR1:17300233	SSF x LoA	-7,69628722	-0,120	0,308
CHR1	17300298	CHR1:17300298	SSF x LoA	-9,39365575	-0,020	0,310
CHR1	17300326	CHR1:17300326	SSF x LoA	-8,39114239	0,016	0,307
CHR1	17300327	CHR1:17300327	SSF x LoA	-9,00093891	-0,021	0,296
CHR1	1730798	CHR1:1730798	SSF x LoA	-7,86970668	-0,122	0,313
CHR1	1730819	CHR1:1730819	SSF x LoA	-7,38121407	-0,103	0,293
CHR1	17318314	CHR1:17318314	SSF x LoA	-11,043683	0,017	0,305
CHR1	17318394	CHR1:17318394	SSF x LoA	-10,4358207	-0,044	0,306
CHR1	17318413	CHR1:17318413	SSF x LoA	-11,0536022	-0,129	0,304
CHR1	17318437	CHR1:17318437	SSF x LoA	-10,2323726	-0,001	0,312
CHR1	17318460	CHR1:17318460	SSF x LoA	-7,05798378	-0,151	0,302
CHR1	17318490	CHR1:17318490	SSF x LoA	-11,6857991	0,036	0,302
CHR1	1732856	CHR1:1732856	SSF x LoA	-7,49494409	0,096	0,315
CHR1	1733033	CHR1:1733033	SSF x LoA	-5,45461026	-0,038	0,311
CHR1	1733077	CHR1:1733077	SSF x LoA	-9,24851872	-0,002	0,314
CHR1	17335931	CHR1:17335931	SSF x LoA	-8,63570118	0,113	0,302
CHR1	17347692	CHR1:17347692	SSF x LoA	-10,1051446	-0,005	0,299
CHR1	17347717	CHR1:17347717	SSF x LoA	-10,8906643	-0,024	0,302
CHR1	17347732	CHR1:17347732	SSF x LoA	-8,39383472	0,072	0,299
CHR1	17350877	CHR1:17350877	SSF x LoA	-10,7175874	0,023	0,305
CHR1	17351012	CHR1:17351012	SSF x LoA	-8,83689311	0,000	0,319
CHR1	1735146	CHR1:1735146	SSF x LoA	-9,46983963	0,057	0,302
CHR1	1735152	CHR1:1735152	SSF x LoA	-10,7612334	0,046	0,317
CHR1	1735232	CHR1:1735232	SSF x LoA	-8,81878626	0,013	0,326
CHR1	17355484	CHR1:17355484	SSF x LoA	-8,74824444	0,085	0,312
CHR1	17355497	CHR1:17355497	SSF x LoA	-8,688794	0,116	0,307
CHR1	17355533	CHR1:17355533	SSF x LoA	-6,05981296	-0,162	0,285
CHR1	17355586	CHR1:17355586	SSF x LoA	-5,2221934	0,127	0,297
CHR1	17361726	CHR1:17361726	SSF x LoA	-10,1450615	0,006	0,308
CHR1	17361865	CHR1:17361865	SSF x LoA	-10,5040393	-0,029	0,290
CHR1	17373343	CHR1:17373343	SSF x LoA	-9,76599261	-0,069	0,288
CHR1	1739164	CHR1:1739164	SSF x LoA	-11,2002974	-0,029	0,303
CHR1	1739174	CHR1:1739174	SSF x LoA	-12,2896086	0,015	0,311
CHR1	1739180	CHR1:1739180	SSF x LoA	-8,46451304	-0,100	0,306
CHR1	17394099	CHR1:17394099	SSF x LoA	1,17580486	-0,065	0,297
CHR1	17394205	CHR1:17394205	SSF x LoA	-10,4491755	-0,017	0,305
CHR1	17394250	CHR1:17394250	SSF x LoA	-11,3092371	0,022	0,308
CHR1	1739448	CHR1:1739448	SSF x LoA	-8,95140272	-0,012	0,315
CHR1	1739466	CHR1:1739466	SSF x LoA	-4,72734525	-0,118	0,325
CHR1	17415427	CHR1:17415427	SSF x LoA	-9,68515944	0,069	0,309
CHR1	17415517	CHR1:17415517	SSF x LoA	-9,73159043	0,024	0,325
CHR1	17415539	CHR1:17415539	SSF x LoA	-8,84493678	0,009	0,291
CHR1	17416128	CHR1:17416128	SSF x LoA	-6,14262534	-0,104	0,307
CHR1	17416135	CHR1:17416135	SSF x LoA	-9,02361945	0,042	0,308
CHR1	17416241	CHR1:17416241	SSF x LoA	-7,32050187	-0,049	0,300
CHR1	17433147	CHR1:17433147	SSF x LoA	-10,6461045	-0,017	0,305
CHR1	17433161	CHR1:17433161	SSF x LoA	-8,25134134	-0,037	0,309
CHR1	17433198	CHR1:17433198	SSF x LoA	-10,774162	0,038	0,298
CHR1	17437973	CHR1:17437973	SSF x LoA	-7,50570932	0,117	0,298
CHR1	17438703	CHR1:17438703	SSF x LoA	-6,41145856	-0,111	0,291

CHR1	17454235	CHR1:17454235	SSF x LoA	-8,76410838	0,087	0,320
CHR1	17454301	CHR1:17454301	SSF x LoA	-9,45314055	0,049	0,297
CHR1	17454437	CHR1:17454437	SSF x LoA	-8,26182523	-0,130	0,309
CHR1	17454511	CHR1:17454511	SSF x LoA	-7,33609979	0,090	0,299
CHR1	174570	CHR1:174570	SSF x LoA	-8,47091903	0,027	0,302
CHR1	17458486	CHR1:17458486	SSF x LoA	-10,1327849	-0,015	0,315
CHR1	17458812	CHR1:17458812	SSF x LoA	-7,40807364	-0,036	0,304
CHR1	17463484	CHR1:17463484	SSF x LoA	-8,89803105	0,048	0,303
CHR1	17463485	CHR1:17463485	SSF x LoA	-9,78372035	0,038	0,312
CHR1	174670	CHR1:174670	SSF x LoA	-10,6304976	0,010	0,305
CHR1	17468167	CHR1:17468167	SSF x LoA	-11,0314542	-0,015	0,294
CHR1	17468257	CHR1:17468257	SSF x LoA	-10,2669536	-0,072	0,307
CHR1	17468267	CHR1:17468267	SSF x LoA	-9,72272782	-0,043	0,303
CHR1	17468277	CHR1:17468277	SSF x LoA	-8,48845228	-0,105	0,312
CHR1	17468287	CHR1:17468287	SSF x LoA	-11,6795032	-0,085	0,300
CHR1	17468299	CHR1:17468299	SSF x LoA	-10,5121823	-0,077	0,299
CHR1	17481909	CHR1:17481909	SSF x LoA	-11,1294577	0,052	0,304
CHR1	17484681	CHR1:17484681	SSF x LoA	-9,30674726	0,048	0,298
CHR1	17484782	CHR1:17484782	SSF x LoA	-9,97341918	-0,114	0,301
CHR1	17487438	CHR1:17487438	SSF x LoA	-5,46846243	-0,036	0,325
CHR1	17487469	CHR1:17487469	SSF x LoA	-11,603434	0,067	0,312
CHR1	17487505	CHR1:17487505	SSF x LoA	-12,1645658	-0,021	0,308
CHR1	17492596	CHR1:17492596	SSF x LoA	5,44896653	-0,013	0,322
CHR1	17492624	CHR1:17492624	SSF x LoA	-5,18187976	-0,133	0,307
CHR1	17492648	CHR1:17492648	SSF x LoA	-9,07444713	-0,148	0,303
CHR1	17492691	CHR1:17492691	SSF x LoA	-6,56274031	0,082	0,300
CHR1	17523620	CHR1:17523620	SSF x LoA	-4,90076068	0,034	0,316
CHR1	17523644	CHR1:17523644	SSF x LoA	-9,62028721	-0,063	0,318
CHR1	17523646	CHR1:17523646	SSF x LoA	-11,7124546	-0,042	0,297
CHR1	17526751	CHR1:17526751	SSF x LoA	-6,30242414	0,139	0,301
CHR1	17529845	CHR1:17529845	SSF x LoA	-8,69401124	0,047	0,301
CHR1	17532637	CHR1:17532637	SSF x LoA	-8,97128924	0,089	0,295
CHR1	1753275	CHR1:1753275	SSF x LoA	-10,1063925	0,070	0,291
CHR1	17532754	CHR1:17532754	SSF x LoA	-11,5158373	0,015	0,308
CHR1	1753354	CHR1:1753354	SSF x LoA	-10,0929409	0,082	0,311
CHR1	17536038	CHR1:17536038	SSF x LoA	-7,26248979	0,131	0,309
CHR1	17536106	CHR1:17536106	SSF x LoA	-8,58807285	0,007	0,323
CHR1	17536160	CHR1:17536160	SSF x LoA	-8,41260342	0,018	0,305
CHR1	17536190	CHR1:17536190	SSF x LoA	-7,96424617	-0,127	0,312
CHR1	17536201	CHR1:17536201	SSF x LoA	-6,67186316	-0,124	0,320
CHR1	17536208	CHR1:17536208	SSF x LoA	-4,62221789	-0,168	0,305
CHR1	17536225	CHR1:17536225	SSF x LoA	-7,54916548	-0,170	0,302
CHR1	17538551	CHR1:17538551	SSF x LoA	-6,1085134	0,116	0,319
CHR1	1754989	CHR1:1754989	SSF x LoA	-9,68504	0,150	0,302
CHR1	17551392	CHR1:17551392	SSF x LoA	-9,90621304	0,074	0,307
CHR1	17551412	CHR1:17551412	SSF x LoA	-6,60806907	-0,122	0,299
CHR1	17551423	CHR1:17551423	SSF x LoA	-7,45683707	0,121	0,310
CHR1	1756101	CHR1:1756101	SSF x LoA	-7,40578275	0,004	0,301
CHR1	1756118	CHR1:1756118	SSF x LoA	-9,62033603	-0,030	0,312
CHR1	1756131	CHR1:1756131	SSF x LoA	-10,6195158	-0,041	0,322
CHR1	1756135	CHR1:1756135	SSF x LoA	-8,48022932	-0,076	0,310
CHR1	1756189	CHR1:1756189	SSF x LoA	-11,4623168	0,048	0,303
CHR1	17565252	CHR1:17565252	SSF x LoA	-8,98423839	0,058	0,310

CHR1	17570823	CHR1:17570823	SSF x LoA	-9,04069475	0,039	0,310
CHR1	17576131	CHR1:17576131	SSF x LoA	-9,52073978	0,101	0,314
CHR1	17585320	CHR1:17585320	SSF x LoA	-10,5086559	0,092	0,307
CHR1	17586318	CHR1:17586318	SSF x LoA	-5,84343524	0,057	0,315
CHR1	17593245	CHR1:17593245	SSF x LoA	-10,1349562	-0,069	0,305
CHR1	17597627	CHR1:17597627	SSF x LoA	-4,58655794	0,100	0,308
CHR1	17600766	CHR1:17600766	SSF x LoA	-9,56436155	0,060	0,303
CHR1	17600907	CHR1:17600907	SSF x LoA	-11,9817674	-0,039	0,310
CHR1	17612348	CHR1:17612348	SSF x LoA	-9,67225447	0,070	0,309
CHR1	17616933	CHR1:17616933	SSF x LoA	-7,21736956	-0,124	0,306
CHR1	17617575	CHR1:17617575	SSF x LoA	-9,95676388	-0,130	0,306
CHR1	17629057	CHR1:17629057	SSF x LoA	-7,79954872	-0,096	0,302
CHR1	17629062	CHR1:17629062	SSF x LoA	-9,40943335	-0,104	0,282
CHR1	17629086	CHR1:17629086	SSF x LoA	-7,61791754	-0,133	0,299
CHR1	17629140	CHR1:17629140	SSF x LoA	-11,5809074	0,036	0,307
CHR1	17629150	CHR1:17629150	SSF x LoA	-8,22911053	0,101	0,310
CHR1	17629188	CHR1:17629188	SSF x LoA	-9,43028757	0,012	0,305
CHR1	17629191	CHR1:17629191	SSF x LoA	-6,43349805	-0,187	0,301
CHR1	17634573	CHR1:17634573	SSF x LoA	-7,41194732	-0,217	0,303
CHR1	17634654	CHR1:17634654	SSF x LoA	-11,3695605	0,030	0,299
CHR1	17636491	CHR1:17636491	SSF x LoA	-9,03644109	0,017	0,320
CHR1	17655961	CHR1:17655961	SSF x LoA	-12,2736801	0,074	0,296
CHR1	17656106	CHR1:17656106	SSF x LoA	-10,8254243	0,004	0,310
CHR1	17657073	CHR1:17657073	SSF x LoA	-11,2390735	-0,115	0,304
CHR1	17657153	CHR1:17657153	SSF x LoA	-9,23395637	0,073	0,310
CHR1	17666055	CHR1:17666055	SSF x LoA	-10,2067689	-0,058	0,307
CHR1	17666059	CHR1:17666059	SSF x LoA	-9,5858617	-0,063	0,314
CHR1	17666088	CHR1:17666088	SSF x LoA	-8,56257287	-0,006	0,311
CHR1	17675701	CHR1:17675701	SSF x LoA	-6,60247546	0,147	0,308
CHR1	17675736	CHR1:17675736	SSF x LoA	-10,1264369	0,050	0,289
CHR1	17707149	CHR1:17707149	SSF x LoA	-12,0052138	-0,085	0,293
CHR1	17707420	CHR1:17707420	SSF x LoA	-11,2137709	-0,014	0,289
CHR1	17721376	CHR1:17721376	SSF x LoA	-10,4165401	0,084	0,305
CHR1	17721415	CHR1:17721415	SSF x LoA	-10,6098588	-0,033	0,306
CHR1	17721932	CHR1:17721932	SSF x LoA	-10,4367067	0,026	0,315
CHR1	17746868	CHR1:17746868	SSF x LoA	-10,6931959	-0,003	0,304
CHR1	17746888	CHR1:17746888	SSF x LoA	-9,38457881	0,038	0,306
CHR1	17751231	CHR1:17751231	SSF x LoA	-7,39553025	-0,007	0,311
CHR1	1775807	CHR1:1775807	SSF x LoA	-10,2579849	0,021	0,306
CHR1	1775998	CHR1:1775998	SSF x LoA	-10,8273204	-0,075	0,296
CHR1	17767081	CHR1:17767081	SSF x LoA	-10,2025819	0,045	0,301
CHR1	17767315	CHR1:17767315	SSF x LoA	-9,97903408	0,021	0,300
CHR1	17767328	CHR1:17767328	SSF x LoA	-9,61269603	0,071	0,299
CHR1	17767344	CHR1:17767344	SSF x LoA	-10,8353174	0,016	0,298
CHR1	17767399	CHR1:17767399	SSF x LoA	-9,01369637	0,054	0,307
CHR1	17773922	CHR1:17773922	SSF x LoA	-9,96563126	-0,053	0,299
CHR1	1777467	CHR1:1777467	SSF x LoA	-10,5662912	-0,036	0,297
CHR1	1777510	CHR1:1777510	SSF x LoA	-8,99810132	-0,034	0,302
CHR1	1777707	CHR1:1777707	SSF x LoA	-8,7377324	0,015	0,309
CHR1	1777756	CHR1:1777756	SSF x LoA	-10,2226315	-0,024	0,305
CHR1	1777762	CHR1:1777762	SSF x LoA	-8,1724201	-0,111	0,300
CHR1	17782511	CHR1:17782511	SSF x LoA	-7,35602876	-0,162	0,298
CHR1	17782540	CHR1:17782540	SSF x LoA	-5,30906353	-0,020	0,315

CHR1	17782591	CHR1:17782591	SSF x LoA	-9,77069411	0,002	0,300
CHR1	17785242	CHR1:17785242	SSF x LoA	-11,4110587	-0,010	0,312
CHR1	17804811	CHR1:17804811	SSF x LoA	0,34205083	-0,037	0,329
CHR1	17804870	CHR1:17804870	SSF x LoA	-11,13338	-0,012	0,296
CHR1	17804916	CHR1:17804916	SSF x LoA	-10,8471612	-0,015	0,311
CHR1	17804950	CHR1:17804950	SSF x LoA	-10,9878152	-0,002	0,294
CHR1	17805013	CHR1:17805013	SSF x LoA	-11,7910832	-0,068	0,313
CHR1	17805040	CHR1:17805040	SSF x LoA	-10,0590133	-0,015	0,304
CHR1	17807126	CHR1:17807126	SSF x LoA	-9,1283762	0,027	0,310
CHR1	17808852	CHR1:17808852	SSF x LoA	-10,4974201	0,004	0,311
CHR1	17810503	CHR1:17810503	SSF x LoA	-9,03124369	-0,112	0,321
CHR1	17820075	CHR1:17820075	SSF x LoA	-10,6496761	-0,048	0,301
CHR1	17822739	CHR1:17822739	SSF x LoA	-11,1313087	-0,066	0,310
CHR1	17823157	CHR1:17823157	SSF x LoA	-10,383096	0,025	0,316
CHR1	17828939	CHR1:17828939	SSF x LoA	-11,2334152	0,010	0,305
CHR1	17828973	CHR1:17828973	SSF x LoA	-7,20178763	-0,143	0,293
CHR1	17828993	CHR1:17828993	SSF x LoA	-9,56031478	-0,001	0,312
CHR1	17829004	CHR1:17829004	SSF x LoA	-8,06916556	0,131	0,307
CHR1	17829035	CHR1:17829035	SSF x LoA	-8,76972374	-0,133	0,302
CHR1	1783551	CHR1:1783551	SSF x LoA	-8,938142	0,086	0,301
CHR1	1783701	CHR1:1783701	SSF x LoA	-7,692367	0,115	0,296
CHR1	1783710	CHR1:1783710	SSF x LoA	-8,64213418	0,050	0,294
CHR1	17839841	CHR1:17839841	SSF x LoA	-10,6292401	0,116	0,306
CHR1	17845948	CHR1:17845948	SSF x LoA	-4,26271765	0,113	0,301
CHR1	17845986	CHR1:17845986	SSF x LoA	-11,4735377	-0,092	0,310
CHR1	17845989	CHR1:17845989	SSF x LoA	-11,1518709	0,110	0,304
CHR1	17846041	CHR1:17846041	SSF x LoA	-8,60893456	-0,048	0,313
CHR1	17846072	CHR1:17846072	SSF x LoA	-9,70644783	0,013	0,306
CHR1	17863731	CHR1:17863731	SSF x LoA	-8,94153742	-0,068	0,308
CHR1	17863823	CHR1:17863823	SSF x LoA	-12,074367	0,015	0,314
CHR1	17863860	CHR1:17863860	SSF x LoA	-5,9326451	0,063	0,312
CHR1	17863944	CHR1:17863944	SSF x LoA	-8,45609964	-0,082	0,311
CHR1	17863961	CHR1:17863961	SSF x LoA	-7,83667849	-0,174	0,292
CHR1	17863994	CHR1:17863994	SSF x LoA	-7,69876889	-0,163	0,300
CHR1	17880648	CHR1:17880648	SSF x LoA	-10,7894854	-0,037	0,310
CHR1	17880660	CHR1:17880660	SSF x LoA	-9,26065042	0,089	0,296
CHR1	17880724	CHR1:17880724	SSF x LoA	-8,76100537	-0,068	0,310
CHR1	1788115	CHR1:1788115	SSF x LoA	-11,3262643	0,048	0,293
CHR1	1788237	CHR1:1788237	SSF x LoA	-6,32458277	0,106	0,290
CHR1	17883372	CHR1:17883372	SSF x LoA	-9,67450879	0,036	0,314
CHR1	17891779	CHR1:17891779	SSF x LoA	-11,0356019	-0,075	0,304
CHR1	17892729	CHR1:17892729	SSF x LoA	-8,60395503	0,071	0,310
CHR1	17892946	CHR1:17892946	SSF x LoA	-12,0743684	-0,071	0,309
CHR1	1791368	CHR1:1791368	SSF x LoA	-9,66383856	0,076	0,317
CHR1	1792486	CHR1:1792486	SSF x LoA	-7,75313148	0,017	0,306
CHR1	1792503	CHR1:1792503	SSF x LoA	-10,4924157	0,024	0,305
CHR1	1792573	CHR1:1792573	SSF x LoA	-10,9550905	-0,079	0,307
CHR1	1792674	CHR1:1792674	SSF x LoA	-7,72472048	-0,007	0,311
CHR1	17937791	CHR1:17937791	SSF x LoA	-8,41496315	0,048	0,308
CHR1	17937797	CHR1:17937797	SSF x LoA	-10,5444036	0,051	0,305
CHR1	17937846	CHR1:17937846	SSF x LoA	-9,0850141	0,033	0,306
CHR1	17941726	CHR1:17941726	SSF x LoA	-8,83737413	-0,019	0,319
CHR1	17941828	CHR1:17941828	SSF x LoA	-10,3672865	0,048	0,284

CHR1	17941892	CHR1:17941892	SSF x LoA	-10,8920788	0,012	0,313
CHR1	17941917	CHR1:17941917	SSF x LoA	-9,88763025	0,000	0,305
CHR1	17941936	CHR1:17941936	SSF x LoA	-8,66576089	0,052	0,294
CHR1	17941948	CHR1:17941948	SSF x LoA	-11,8438562	-0,014	0,287
CHR1	17941951	CHR1:17941951	SSF x LoA	-11,4500746	-0,007	0,296
CHR1	17941952	CHR1:17941952	SSF x LoA	-7,67106577	0,181	0,295
CHR1	17941958	CHR1:17941958	SSF x LoA	-8,99512154	-0,018	0,310
CHR1	17941970	CHR1:17941970	SSF x LoA	-11,3863606	-0,019	0,315
CHR1	17944539	CHR1:17944539	SSF x LoA	-8,87114166	-0,019	0,310
CHR1	17944728	CHR1:17944728	SSF x LoA	-9,29557331	-0,068	0,291
CHR1	17944729	CHR1:17944729	SSF x LoA	-9,52913089	0,001	0,309
CHR1	17950039	CHR1:17950039	SSF x LoA	-9,57366069	-0,010	0,306
CHR1	17950326	CHR1:17950326	SSF x LoA	-7,87082285	0,007	0,303
CHR1	17950366	CHR1:17950366	SSF x LoA	-6,83345678	-0,019	0,299
CHR1	1796468	CHR1:1796468	SSF x LoA	-2,59408032	-0,002	0,306
CHR1	1796472	CHR1:1796472	SSF x LoA	-6,73332949	-0,081	0,309
CHR1	17967266	CHR1:17967266	SSF x LoA	-9,34101485	-0,061	0,306
CHR1	17967307	CHR1:17967307	SSF x LoA	3,4134662	0,059	0,317
CHR1	17967308	CHR1:17967308	SSF x LoA	-9,06718269	-0,119	0,291
CHR1	17967392	CHR1:17967392	SSF x LoA	-11,4869657	-0,007	0,310
CHR1	17967396	CHR1:17967396	SSF x LoA	-8,3577278	-0,104	0,300
CHR1	17970314	CHR1:17970314	SSF x LoA	-8,32488454	0,094	0,321
CHR1	17979453	CHR1:17979453	SSF x LoA	-8,07043694	-0,033	0,301
CHR1	17979542	CHR1:17979542	SSF x LoA	-11,1663991	0,045	0,295
CHR1	17979633	CHR1:17979633	SSF x LoA	-12,1110666	-0,052	0,298
CHR1	17982264	CHR1:17982264	SSF x LoA	-7,64729605	-0,110	0,302
CHR1	17982287	CHR1:17982287	SSF x LoA	-9,03879339	-0,088	0,313
CHR1	17982350	CHR1:17982350	SSF x LoA	-6,23775902	-0,080	0,313
CHR1	17982358	CHR1:17982358	SSF x LoA	-9,56325747	-0,016	0,306
CHR1	17983234	CHR1:17983234	SSF x LoA	-12,3840731	-0,020	0,309
CHR1	18004482	CHR1:18004482	SSF x LoA	-8,78934425	0,047	0,306
CHR1	18004984	CHR1:18004984	SSF x LoA	-11,0086093	0,015	0,306
CHR1	18005024	CHR1:18005024	SSF x LoA	-7,65509166	-0,044	0,311
CHR1	18010004	CHR1:18010004	SSF x LoA	-8,74205295	-0,114	0,291
CHR1	18010092	CHR1:18010092	SSF x LoA	-9,44697242	0,039	0,303
CHR1	18010153	CHR1:18010153	SSF x LoA	-5,43918806	0,023	0,306
CHR1	18012706	CHR1:18012706	SSF x LoA	-9,64208906	0,020	0,297
CHR1	18012734	CHR1:18012734	SSF x LoA	-9,36352704	-0,079	0,300
CHR1	18014796	CHR1:18014796	SSF x LoA	-7,05801758	0,028	0,318
CHR1	18014832	CHR1:18014832	SSF x LoA	-11,6686835	0,014	0,314
CHR1	18020096	CHR1:18020096	SSF x LoA	-8,6121352	0,014	0,301
CHR1	1802486	CHR1:1802486	SSF x LoA	-9,37123897	0,092	0,303
CHR1	1802545	CHR1:1802545	SSF x LoA	-8,80395906	0,003	0,324
CHR1	1802555	CHR1:1802555	SSF x LoA	-4,60194336	-0,050	0,316
CHR1	1802651	CHR1:1802651	SSF x LoA	-12,1551574	-0,054	0,308
CHR1	18026822	CHR1:18026822	SSF x LoA	-10,00392	-0,002	0,308
CHR1	18026826	CHR1:18026826	SSF x LoA	-9,77067627	0,081	0,308
CHR1	18026833	CHR1:18026833	SSF x LoA	-8,5825108	0,011	0,300
CHR1	18027638	CHR1:18027638	SSF x LoA	-8,33178809	-0,038	0,316
CHR1	18027677	CHR1:18027677	SSF x LoA	-11,5914027	0,082	0,286
CHR1	18031305	CHR1:18031305	SSF x LoA	-9,49034184	0,127	0,312
CHR1	18031465	CHR1:18031465	SSF x LoA	-6,47302183	0,124	0,304
CHR1	18038962	CHR1:18038962	SSF x LoA	-9,2843076	-0,103	0,305

CHR1	18039025	CHR1:18039025	SSF x LoA	-7,58039773	0,006	0,317
CHR1	18039033	CHR1:18039033	SSF x LoA	-8,49952737	-0,003	0,309
CHR1	18039036	CHR1:18039036	SSF x LoA	-10,7056976	-0,072	0,302
CHR1	18039044	CHR1:18039044	SSF x LoA	-9,71819588	-0,074	0,316
CHR1	18039049	CHR1:18039049	SSF x LoA	-11,6366386	-0,036	0,315
CHR1	18039053	CHR1:18039053	SSF x LoA	-11,0774524	-0,048	0,299
CHR1	18039129	CHR1:18039129	SSF x LoA	-7,74697611	-0,064	0,309
CHR1	18040245	CHR1:18040245	SSF x LoA	-8,99135517	-0,011	0,310
CHR1	18040297	CHR1:18040297	SSF x LoA	-10,332653	0,001	0,305
CHR1	18045095	CHR1:18045095	SSF x LoA	-9,11615201	0,126	0,312
CHR1	18045108	CHR1:18045108	SSF x LoA	-8,56215347	0,012	0,294
CHR1	18049948	CHR1:18049948	SSF x LoA	-8,15231393	0,059	0,313
CHR1	18049952	CHR1:18049952	SSF x LoA	-8,80378042	0,040	0,306
CHR1	18050033	CHR1:18050033	SSF x LoA	-8,23939598	0,106	0,320
CHR1	18050046	CHR1:18050046	SSF x LoA	-8,748601	0,087	0,290
CHR1	18050250	CHR1:18050250	SSF x LoA	-8,57651951	-0,008	0,297
CHR1	18060189	CHR1:18060189	SSF x LoA	-10,774411	0,022	0,299
CHR1	18060204	CHR1:18060204	SSF x LoA	-7,7536337	0,106	0,302
CHR1	18060267	CHR1:18060267	SSF x LoA	-11,5686486	0,069	0,301
CHR1	18061794	CHR1:18061794	SSF x LoA	-7,86596689	0,043	0,331
CHR1	18068942	CHR1:18068942	SSF x LoA	-7,76232603	0,025	0,304
CHR1	18068957	CHR1:18068957	SSF x LoA	-7,04874149	0,117	0,304
CHR1	18069049	CHR1:18069049	SSF x LoA	-10,778327	0,060	0,300
CHR1	18069088	CHR1:18069088	SSF x LoA	-7,08024886	0,138	0,293
CHR1	18069118	CHR1:18069118	SSF x LoA	-5,59142039	0,144	0,291
CHR1	18069207	CHR1:18069207	SSF x LoA	-11,3687282	0,020	0,302
CHR1	18082551	CHR1:18082551	SSF x LoA	-10,3063378	0,020	0,310
CHR1	18082552	CHR1:18082552	SSF x LoA	-11,2324744	0,032	0,312
CHR1	18103590	CHR1:18103590	SSF x LoA	-11,4398092	0,045	0,311
CHR1	18108285	CHR1:18108285	SSF x LoA	-8,62531231	0,153	0,300
CHR1	18108292	CHR1:18108292	SSF x LoA	-6,80079492	0,135	0,303
CHR1	18108303	CHR1:18108303	SSF x LoA	-2,07528725	0,151	0,297
CHR1	18108375	CHR1:18108375	SSF x LoA	-4,51342298	0,115	0,304
CHR1	18109335	CHR1:18109335	SSF x LoA	-7,8784252	-0,041	0,313
CHR1	18109407	CHR1:18109407	SSF x LoA	-10,8274153	-0,104	0,291
CHR1	18112244	CHR1:18112244	SSF x LoA	-10,0722402	-0,053	0,308
CHR1	18112273	CHR1:18112273	SSF x LoA	-4,33350981	-0,165	0,304
CHR1	18112289	CHR1:18112289	SSF x LoA	-9,15739364	-0,004	0,313
CHR1	18112402	CHR1:18112402	SSF x LoA	-10,0671024	0,012	0,317
CHR1	18112487	CHR1:18112487	SSF x LoA	-7,80516677	-0,147	0,294
CHR1	18117128	CHR1:18117128	SSF x LoA	-9,41536833	-0,036	0,303
CHR1	18117164	CHR1:18117164	SSF x LoA	-11,6613624	-0,058	0,302
CHR1	18120822	CHR1:18120822	SSF x LoA	-7,54873594	-0,023	0,299
CHR1	18120850	CHR1:18120850	SSF x LoA	-11,8770163	-0,052	0,306
CHR1	18120974	CHR1:18120974	SSF x LoA	-10,3888353	0,142	0,301
CHR1	18121002	CHR1:18121002	SSF x LoA	-6,57175487	-0,116	0,303
CHR1	18129108	CHR1:18129108	SSF x LoA	-6,89434679	0,046	0,309
CHR1	18131443	CHR1:18131443	SSF x LoA	-9,04060951	0,050	0,306
CHR1	18131588	CHR1:18131588	SSF x LoA	-9,25944873	-0,061	0,296
CHR1	18131609	CHR1:18131609	SSF x LoA	-10,0600821	-0,048	0,297
CHR1	18131617	CHR1:18131617	SSF x LoA	-9,73814771	0,082	0,303
CHR1	18131628	CHR1:18131628	SSF x LoA	-9,91487528	-0,063	0,316
CHR1	18135114	CHR1:18135114	SSF x LoA	-10,8350722	-0,033	0,306

CHR1	18145786	CHR1:18145786	SSF x LoA	-9,92005302	0,102	0,304
CHR1	18147070	CHR1:18147070	SSF x LoA	-7,08335262	0,116	0,303
CHR1	18149302	CHR1:18149302	SSF x LoA	-9,90613812	0,077	0,313
CHR1	18161937	CHR1:18161937	SSF x LoA	-9,90343035	0,030	0,305
CHR1	18164876	CHR1:18164876	SSF x LoA	-7,41718371	0,010	0,309
CHR1	18165344	CHR1:18165344	SSF x LoA	-9,63352243	-0,018	0,303
CHR1	18166865	CHR1:18166865	SSF x LoA	-5,63415991	0,114	0,304
CHR1	18166890	CHR1:18166890	SSF x LoA	-4,82070612	0,157	0,301
CHR1	18166896	CHR1:18166896	SSF x LoA	-8,97196373	-0,027	0,316
CHR1	18171944	CHR1:18171944	SSF x LoA	-8,94011394	-0,064	0,310
CHR1	18171959	CHR1:18171959	SSF x LoA	-9,11976747	0,062	0,313
CHR1	18179155	CHR1:18179155	SSF x LoA	-9,67933477	0,039	0,289
CHR1	18182877	CHR1:18182877	SSF x LoA	-9,08050369	0,000	0,305
CHR1	18183054	CHR1:18183054	SSF x LoA	-8,61199909	-0,017	0,308
CHR1	18183070	CHR1:18183070	SSF x LoA	-8,10213449	-0,027	0,301
CHR1	18184510	CHR1:18184510	SSF x LoA	-11,4155119	-0,011	0,310
CHR1	1818905	CHR1:1818905	SSF x LoA	-9,50589307	-0,016	0,297
CHR1	1818948	CHR1:1818948	SSF x LoA	-11,9509829	-0,031	0,296
CHR1	1818985	CHR1:1818985	SSF x LoA	-9,54280515	0,072	0,316
CHR1	1818991	CHR1:1818991	SSF x LoA	-9,37501933	-0,101	0,306
CHR1	18189934	CHR1:18189934	SSF x LoA	-9,39981267	-0,097	0,296
CHR1	18189959	CHR1:18189959	SSF x LoA	-8,47155572	0,071	0,309
CHR1	18189991	CHR1:18189991	SSF x LoA	-10,965468	-0,042	0,303
CHR1	18191264	CHR1:18191264	SSF x LoA	-8,65769108	0,192	0,308
CHR1	18202387	CHR1:18202387	SSF x LoA	-10,4818956	-0,082	0,307
CHR1	18210648	CHR1:18210648	SSF x LoA	-9,39350363	-0,022	0,312
CHR1	18213044	CHR1:18213044	SSF x LoA	-11,2033963	-0,068	0,289
CHR1	18213153	CHR1:18213153	SSF x LoA	-10,5037291	0,031	0,308
CHR1	18218850	CHR1:18218850	SSF x LoA	-7,66527851	-0,166	0,307
CHR1	18218997	CHR1:18218997	SSF x LoA	-6,09893954	0,001	0,324
CHR1	18225898	CHR1:18225898	SSF x LoA	-7,26227584	0,117	0,300
CHR1	18225929	CHR1:18225929	SSF x LoA	-7,18752042	-0,132	0,301
CHR1	18225946	CHR1:18225946	SSF x LoA	-11,5562008	-0,024	0,304
CHR1	18232523	CHR1:18232523	SSF x LoA	-11,8484036	-0,050	0,298
CHR1	18232561	CHR1:18232561	SSF x LoA	-8,21712735	-0,105	0,303
CHR1	18236874	CHR1:18236874	SSF x LoA	-7,98402297	-0,002	0,323
CHR1	18236875	CHR1:18236875	SSF x LoA	-10,903718	-0,090	0,300
CHR1	18236903	CHR1:18236903	SSF x LoA	-8,6507262	-0,071	0,313
CHR1	18237474	CHR1:18237474	SSF x LoA	-9,97068161	0,002	0,305
CHR1	18237492	CHR1:18237492	SSF x LoA	-9,52447231	0,135	0,305
CHR1	18237556	CHR1:18237556	SSF x LoA	-6,04485708	0,079	0,326
CHR1	18253705	CHR1:18253705	SSF x LoA	-6,64219674	0,008	0,316
CHR1	18253713	CHR1:18253713	SSF x LoA	-8,80296723	-0,029	0,314
CHR1	18253818	CHR1:18253818	SSF x LoA	-11,1060045	-0,001	0,312
CHR1	18253872	CHR1:18253872	SSF x LoA	-6,96769517	-0,206	0,308
CHR1	18254854	CHR1:18254854	SSF x LoA	-9,38995345	0,068	0,304
CHR1	18254918	CHR1:18254918	SSF x LoA	-10,3412263	0,066	0,296
CHR1	18254969	CHR1:18254969	SSF x LoA	-8,07639204	-0,029	0,322
CHR1	18255003	CHR1:18255003	SSF x LoA	-9,20886006	-0,126	0,296
CHR1	18255023	CHR1:18255023	SSF x LoA	-11,6485465	0,033	0,306
CHR1	18255055	CHR1:18255055	SSF x LoA	-9,92871811	-0,103	0,309
CHR1	18259543	CHR1:18259543	SSF x LoA	-8,47197742	-0,001	0,325
CHR1	18259691	CHR1:18259691	SSF x LoA	-11,4516596	-0,015	0,302

CHR1	18259858	CHR1:18259858	SSF x LoA	-9,23328558	0,069	0,310
CHR1	18265219	CHR1:18265219	SSF x LoA	-10,0138874	-0,102	0,307
CHR1	18272053	CHR1:18272053	SSF x LoA	-10,4526611	0,125	0,310
CHR1	18272079	CHR1:18272079	SSF x LoA	-6,84792677	-0,090	0,298
CHR1	18272130	CHR1:18272130	SSF x LoA	-9,21236158	0,117	0,299
CHR1	18272133	CHR1:18272133	SSF x LoA	-7,38994765	0,078	0,305
CHR1	18272144	CHR1:18272144	SSF x LoA	-11,5229738	-0,069	0,314
CHR1	18272199	CHR1:18272199	SSF x LoA	-10,4830445	-0,010	0,307
CHR1	18272272	CHR1:18272272	SSF x LoA	-8,43193583	0,004	0,320
CHR1	18278725	CHR1:18278725	SSF x LoA	-9,75297202	-0,056	0,313
CHR1	18285188	CHR1:18285188	SSF x LoA	-7,80437862	-0,021	0,309
CHR1	18285280	CHR1:18285280	SSF x LoA	-10,3706785	0,000	0,300
CHR1	18285282	CHR1:18285282	SSF x LoA	-9,09992739	-0,028	0,327
CHR1	18285284	CHR1:18285284	SSF x LoA	-10,2932145	-0,010	0,313
CHR1	18285304	CHR1:18285304	SSF x LoA	-9,9691515	-0,023	0,299
CHR1	18297173	CHR1:18297173	SSF x LoA	-8,95221994	-0,078	0,327
CHR1	18297324	CHR1:18297324	SSF x LoA	-7,1614909	-0,055	0,316
CHR1	18302538	CHR1:18302538	SSF x LoA	-9,68135162	0,008	0,311
CHR1	18304740	CHR1:18304740	SSF x LoA	-10,5709037	0,011	0,324
CHR1	18319682	CHR1:18319682	SSF x LoA	-5,67125143	-0,037	0,312
CHR1	18319765	CHR1:18319765	SSF x LoA	-9,09532181	0,078	0,298
CHR1	18319841	CHR1:18319841	SSF x LoA	-9,89985334	0,125	0,302
CHR1	18338566	CHR1:18338566	SSF x LoA	-8,24092188	-0,111	0,309
CHR1	18338583	CHR1:18338583	SSF x LoA	-9,41767335	0,094	0,304
CHR1	18338584	CHR1:18338584	SSF x LoA	-11,4269401	0,022	0,311
CHR1	18338589	CHR1:18338589	SSF x LoA	-9,91714869	0,070	0,313
CHR1	18338619	CHR1:18338619	SSF x LoA	-5,82171608	0,166	0,311
CHR1	18338713	CHR1:18338713	SSF x LoA	-9,69976012	0,024	0,312
CHR1	18340838	CHR1:18340838	SSF x LoA	-8,77183016	0,027	0,312
CHR1	18340890	CHR1:18340890	SSF x LoA	-8,24580322	-0,136	0,299
CHR1	18340937	CHR1:18340937	SSF x LoA	-8,21279034	-0,022	0,315
CHR1	18340938	CHR1:18340938	SSF x LoA	-10,0072548	0,033	0,298
CHR1	18341003	CHR1:18341003	SSF x LoA	-8,23663612	0,029	0,315
CHR1	183454	CHR1:183454	SSF x LoA	-8,91076815	0,008	0,308
CHR1	18345470	CHR1:18345470	SSF x LoA	-8,33956911	-0,093	0,311
CHR1	18345518	CHR1:18345518	SSF x LoA	-10,1741415	-0,034	0,312
CHR1	183457	CHR1:183457	SSF x LoA	-9,56206225	-0,105	0,299
CHR1	18350093	CHR1:18350093	SSF x LoA	-7,0658124	0,014	0,314
CHR1	18350094	CHR1:18350094	SSF x LoA	-3,04167932	0,010	0,315
CHR1	18350119	CHR1:18350119	SSF x LoA	-9,49084434	-0,032	0,307
CHR1	18350125	CHR1:18350125	SSF x LoA	-4,32509414	0,116	0,313
CHR1	18350131	CHR1:18350131	SSF x LoA	-10,5017892	0,060	0,314
CHR1	18366378	CHR1:18366378	SSF x LoA	-7,09683617	-0,059	0,304
CHR1	18366523	CHR1:18366523	SSF x LoA	-12,198182	-0,105	0,297
CHR1	18377819	CHR1:18377819	SSF x LoA	-11,2274189	0,036	0,312
CHR1	18377885	CHR1:18377885	SSF x LoA	-8,49792276	0,074	0,316
CHR1	18377898	CHR1:18377898	SSF x LoA	-2,83915596	0,091	0,313
CHR1	18377991	CHR1:18377991	SSF x LoA	-9,31015734	-0,007	0,302
CHR1	18378026	CHR1:18378026	SSF x LoA	-6,39623556	-0,137	0,303
CHR1	18378054	CHR1:18378054	SSF x LoA	-8,66789323	-0,151	0,304
CHR1	18383201	CHR1:18383201	SSF x LoA	-11,6431147	-0,050	0,309
CHR1	18392541	CHR1:18392541	SSF x LoA	-7,50980654	-0,078	0,310
CHR1	18392553	CHR1:18392553	SSF x LoA	-8,76023739	0,092	0,299

CHR1	18392561	CHR1:18392561	SSF x LoA	-10,0760934	-0,011	0,306
CHR1	18392580	CHR1:18392580	SSF x LoA	-9,48474792	-0,167	0,293
CHR1	18392634	CHR1:18392634	SSF x LoA	-10,5298327	-0,062	0,309
CHR1	18392669	CHR1:18392669	SSF x LoA	-7,75011295	-0,150	0,297
CHR1	18392712	CHR1:18392712	SSF x LoA	-10,3254475	-0,012	0,308
CHR1	18392716	CHR1:18392716	SSF x LoA	-7,64786258	0,026	0,303
CHR1	18392770	CHR1:18392770	SSF x LoA	-9,74067719	-0,014	0,318
CHR1	18394254	CHR1:18394254	SSF x LoA	-10,10006	-0,044	0,304
CHR1	18416337	CHR1:18416337	SSF x LoA	-10,0231126	-0,057	0,311
CHR1	18416399	CHR1:18416399	SSF x LoA	-7,36588335	-0,112	0,304
CHR1	18416471	CHR1:18416471	SSF x LoA	-10,0250231	-0,072	0,296
CHR1	18421239	CHR1:18421239	SSF x LoA	-9,2338884	0,099	0,291
CHR1	18421271	CHR1:18421271	SSF x LoA	-10,4773961	-0,036	0,294
CHR1	18421318	CHR1:18421318	SSF x LoA	-8,70121523	-0,084	0,318
CHR1	18421336	CHR1:18421336	SSF x LoA	-8,94203595	-0,090	0,293
CHR1	18421341	CHR1:18421341	SSF x LoA	-11,4373424	-0,002	0,316
CHR1	18424179	CHR1:18424179	SSF x LoA	-9,97126194	0,129	0,310
CHR1	18438078	CHR1:18438078	SSF x LoA	-11,288783	-0,046	0,300
CHR1	18438519	CHR1:18438519	SSF x LoA	-3,69500491	-0,160	0,300
CHR1	18441843	CHR1:18441843	SSF x LoA	-8,75999865	0,014	0,307
CHR1	1844294	CHR1:1844294	SSF x LoA	-9,47440727	0,004	0,314
CHR1	1844336	CHR1:1844336	SSF x LoA	-8,6208245	0,059	0,330
CHR1	18452540	CHR1:18452540	SSF x LoA	-6,76697933	-0,066	0,293
CHR1	18452585	CHR1:18452585	SSF x LoA	-9,14233889	-0,028	0,311
CHR1	18459171	CHR1:18459171	SSF x LoA	-9,65278533	0,007	0,301
CHR1	18459187	CHR1:18459187	SSF x LoA	-10,6384327	0,010	0,311
CHR1	18459266	CHR1:18459266	SSF x LoA	-5,66850731	0,123	0,304
CHR1	18459269	CHR1:18459269	SSF x LoA	-8,8949181	0,083	0,297
CHR1	18459287	CHR1:18459287	SSF x LoA	-9,12693657	0,127	0,301
CHR1	18459321	CHR1:18459321	SSF x LoA	-8,46048937	0,122	0,305
CHR1	18459379	CHR1:18459379	SSF x LoA	-7,76166382	-0,063	0,311
CHR1	18459389	CHR1:18459389	SSF x LoA	-8,04100815	0,021	0,320
CHR1	18459390	CHR1:18459390	SSF x LoA	-8,98274092	0,047	0,309
CHR1	18462077	CHR1:18462077	SSF x LoA	-8,03071351	-0,017	0,317
CHR1	18462092	CHR1:18462092	SSF x LoA	-6,43016757	0,082	0,305
CHR1	18465183	CHR1:18465183	SSF x LoA	-8,44617977	0,053	0,296
CHR1	18465212	CHR1:18465212	SSF x LoA	-9,59283706	-0,014	0,303
CHR1	18470050	CHR1:18470050	SSF x LoA	-11,4138729	0,002	0,314
CHR1	18472691	CHR1:18472691	SSF x LoA	-8,27169769	-0,128	0,293
CHR1	18474527	CHR1:18474527	SSF x LoA	-9,75117107	-0,028	0,304
CHR1	18474536	CHR1:18474536	SSF x LoA	-7,00761978	-0,040	0,309
CHR1	18474539	CHR1:18474539	SSF x LoA	-9,55798667	-0,018	0,286
CHR1	18474587	CHR1:18474587	SSF x LoA	-9,01586772	0,077	0,304
CHR1	18474615	CHR1:18474615	SSF x LoA	-8,78562638	-0,046	0,310
CHR1	18474620	CHR1:18474620	SSF x LoA	-7,60909314	-0,027	0,303
CHR1	18474622	CHR1:18474622	SSF x LoA	-12,3643587	0,040	0,309
CHR1	18474641	CHR1:18474641	SSF x LoA	-9,51998183	0,072	0,306
CHR1	18475276	CHR1:18475276	SSF x LoA	-8,06192224	-0,025	0,311
CHR1	18475298	CHR1:18475298	SSF x LoA	-9,27438576	0,090	0,306
CHR1	18475318	CHR1:18475318	SSF x LoA	-7,05136513	0,054	0,307
CHR1	18476577	CHR1:18476577	SSF x LoA	-11,7814265	0,000	0,306
CHR1	18477874	CHR1:18477874	SSF x LoA	-7,79896977	0,091	0,313
CHR1	18477950	CHR1:18477950	SSF x LoA	-11,392982	-0,041	0,301

CHR1	18477954	CHR1:18477954	SSF x LoA	-11,9869418	-0,098	0,302
CHR1	18477957	CHR1:18477957	SSF x LoA	-11,0566433	-0,028	0,319
CHR1	18477978	CHR1:18477978	SSF x LoA	-11,6875627	0,019	0,308
CHR1	18481461	CHR1:18481461	SSF x LoA	-9,25986624	0,132	0,287
CHR1	18490448	CHR1:18490448	SSF x LoA	-10,4736716	-0,092	0,290
CHR1	18490493	CHR1:18490493	SSF x LoA	-7,08142439	-0,074	0,299
CHR1	1849746	CHR1:1849746	SSF x LoA	-8,81658928	0,125	0,312
CHR1	1849815	CHR1:1849815	SSF x LoA	-4,55952834	-0,208	0,295
CHR1	1849820	CHR1:1849820	SSF x LoA	-9,18492087	-0,132	0,313
CHR1	1849832	CHR1:1849832	SSF x LoA	-9,13855269	0,009	0,308
CHR1	1849910	CHR1:1849910	SSF x LoA	-9,23045606	0,010	0,304
CHR1	18499166	CHR1:18499166	SSF x LoA	-7,26161858	0,079	0,307
CHR1	18499305	CHR1:18499305	SSF x LoA	-7,41871483	0,116	0,311
CHR1	18508136	CHR1:18508136	SSF x LoA	-10,2293142	0,061	0,311
CHR1	18508307	CHR1:18508307	SSF x LoA	-9,44973496	0,017	0,301
CHR1	18508409	CHR1:18508409	SSF x LoA	-9,12844928	-0,004	0,320
CHR1	18508412	CHR1:18508412	SSF x LoA	-10,9140572	-0,020	0,302
CHR1	18508442	CHR1:18508442	SSF x LoA	-8,20940339	0,065	0,307
CHR1	18512049	CHR1:18512049	SSF x LoA	-9,6503687	-0,096	0,294
CHR1	18512056	CHR1:18512056	SSF x LoA	-9,86774219	-0,109	0,306
CHR1	18512059	CHR1:18512059	SSF x LoA	-9,93118249	-0,115	0,308
CHR1	18512096	CHR1:18512096	SSF x LoA	-10,4295586	-0,095	0,309
CHR1	18512114	CHR1:18512114	SSF x LoA	-8,77493651	0,115	0,293
CHR1	18512127	CHR1:18512127	SSF x LoA	-7,95324032	0,083	0,279
CHR1	18525196	CHR1:18525196	SSF x LoA	-8,55663579	0,055	0,322
CHR1	18525217	CHR1:18525217	SSF x LoA	-9,29015252	0,000	0,307
CHR1	18525218	CHR1:18525218	SSF x LoA	-8,37485891	-0,049	0,313
CHR1	18525308	CHR1:18525308	SSF x LoA	-8,3171329	-0,067	0,311
CHR1	18525336	CHR1:18525336	SSF x LoA	-8,88247454	-0,046	0,309
CHR1	18525348	CHR1:18525348	SSF x LoA	-10,0535088	-0,016	0,307
CHR1	18541840	CHR1:18541840	SSF x LoA	-9,13813122	-0,032	0,316
CHR1	18542103	CHR1:18542103	SSF x LoA	-5,56708351	0,197	0,316
CHR1	18544545	CHR1:18544545	SSF x LoA	-8,48120691	0,198	0,288
CHR1	18544546	CHR1:18544546	SSF x LoA	-5,6577878	0,228	0,283
CHR1	18544575	CHR1:18544575	SSF x LoA	-11,4001816	0,075	0,301
CHR1	18544791	CHR1:18544791	SSF x LoA	-9,78987598	-0,027	0,303
CHR1	18544794	CHR1:18544794	SSF x LoA	-8,35359365	-0,053	0,300
CHR1	18544812	CHR1:18544812	SSF x LoA	-10,3964786	-0,096	0,300
CHR1	18547617	CHR1:18547617	SSF x LoA	-9,56197125	-0,116	0,312
CHR1	18552174	CHR1:18552174	SSF x LoA	-9,99375522	-0,020	0,288
CHR1	18552350	CHR1:18552350	SSF x LoA	-10,4263597	-0,106	0,318
CHR1	18552371	CHR1:18552371	SSF x LoA	-11,5275185	-0,045	0,302
CHR1	18558227	CHR1:18558227	SSF x LoA	-9,60409492	0,034	0,312
CHR1	18558559	CHR1:18558559	SSF x LoA	-7,22408768	-0,085	0,317
CHR1	18558586	CHR1:18558586	SSF x LoA	-9,23919411	-0,092	0,292
CHR1	18558640	CHR1:18558640	SSF x LoA	-9,72266218	-0,048	0,301
CHR1	18564123	CHR1:18564123	SSF x LoA	-1,79938489	-0,083	0,299
CHR1	18564182	CHR1:18564182	SSF x LoA	-6,3495315	-0,007	0,324
CHR1	18574016	CHR1:18574016	SSF x LoA	-10,3281039	-0,001	0,314
CHR1	18574098	CHR1:18574098	SSF x LoA	-9,95409958	-0,043	0,287
CHR1	18574102	CHR1:18574102	SSF x LoA	-10,4718721	-0,054	0,313
CHR1	18574140	CHR1:18574140	SSF x LoA	-9,0936847	0,063	0,298
CHR1	18574230	CHR1:18574230	SSF x LoA	-9,57665845	-0,021	0,279

CHR1	18582579	CHR1:18582579	SSF x LoA	-9,67157095	0,050	0,302
CHR1	18594432	CHR1:18594432	SSF x LoA	-7,96732039	0,057	0,304
CHR1	18600849	CHR1:18600849	SSF x LoA	-9,24171166	-0,065	0,304
CHR1	18600882	CHR1:18600882	SSF x LoA	-9,17176734	0,143	0,283
CHR1	18600895	CHR1:18600895	SSF x LoA	-9,81964856	0,145	0,300
CHR1	18607424	CHR1:18607424	SSF x LoA	-8,29633375	-0,143	0,315
CHR1	18607434	CHR1:18607434	SSF x LoA	-9,75437914	-0,150	0,301
CHR1	18607472	CHR1:18607472	SSF x LoA	-7,84825069	-0,009	0,302
CHR1	18607512	CHR1:18607512	SSF x LoA	2,46483517	-0,086	0,311
CHR1	18607523	CHR1:18607523	SSF x LoA	-6,13702979	0,055	0,292
CHR1	18609933	CHR1:18609933	SSF x LoA	-4,96795495	0,168	0,278
CHR1	1863555	CHR1:1863555	SSF x LoA	-8,34073067	-0,112	0,306
CHR1	1863578	CHR1:1863578	SSF x LoA	-9,66570435	-0,051	0,313
CHR1	18637468	CHR1:18637468	SSF x LoA	-8,89574957	-0,016	0,317
CHR1	18641599	CHR1:18641599	SSF x LoA	-7,84696062	-0,143	0,320
CHR1	18641908	CHR1:18641908	SSF x LoA	-12,1175101	0,003	0,300
CHR1	18644167	CHR1:18644167	SSF x LoA	-9,06505292	0,065	0,309
CHR1	18644170	CHR1:18644170	SSF x LoA	-3,42449443	0,091	0,297
CHR1	18644174	CHR1:18644174	SSF x LoA	-9,61432458	-0,081	0,299
CHR1	18646315	CHR1:18646315	SSF x LoA	-9,44658844	-0,012	0,309
CHR1	18646321	CHR1:18646321	SSF x LoA	-7,17777545	0,047	0,311
CHR1	18646333	CHR1:18646333	SSF x LoA	-7,55472407	0,058	0,302
CHR1	18647890	CHR1:18647890	SSF x LoA	-10,3917217	0,001	0,307
CHR1	18649598	CHR1:18649598	SSF x LoA	-10,0904057	0,004	0,301
CHR1	18650334	CHR1:18650334	SSF x LoA	-9,47626458	0,154	0,303
CHR1	18650345	CHR1:18650345	SSF x LoA	-7,41330875	0,066	0,324
CHR1	18655125	CHR1:18655125	SSF x LoA	-8,46584707	0,022	0,309
CHR1	18655163	CHR1:18655163	SSF x LoA	-6,31826915	-0,065	0,303
CHR1	18655195	CHR1:18655195	SSF x LoA	-8,48837444	0,092	0,302
CHR1	18655223	CHR1:18655223	SSF x LoA	-9,02037321	0,119	0,314
CHR1	18655282	CHR1:18655282	SSF x LoA	-6,51821595	0,004	0,315
CHR1	18655334	CHR1:18655334	SSF x LoA	-10,0505077	0,066	0,304
CHR1	18663183	CHR1:18663183	SSF x LoA	-9,60252563	0,064	0,308
CHR1	18663307	CHR1:18663307	SSF x LoA	-6,67144839	-0,151	0,303
CHR1	18663339	CHR1:18663339	SSF x LoA	-9,19409086	-0,048	0,310
CHR1	18663379	CHR1:18663379	SSF x LoA	-8,37220301	0,022	0,312
CHR1	18663408	CHR1:18663408	SSF x LoA	-9,19331716	-0,048	0,310
CHR1	18671209	CHR1:18671209	SSF x LoA	-8,40201701	0,045	0,314
CHR1	18671270	CHR1:18671270	SSF x LoA	-12,2301296	0,014	0,298
CHR1	18671320	CHR1:18671320	SSF x LoA	-9,06129468	0,038	0,299
CHR1	18671466	CHR1:18671466	SSF x LoA	-8,3968407	0,105	0,297
CHR1	18671482	CHR1:18671482	SSF x LoA	-7,40640128	-0,116	0,309
CHR1	18675733	CHR1:18675733	SSF x LoA	-11,3017766	-0,052	0,306
CHR1	18685639	CHR1:18685639	SSF x LoA	-8,79560623	0,055	0,303
CHR1	18685731	CHR1:18685731	SSF x LoA	-10,1093176	-0,059	0,294
CHR1	18685802	CHR1:18685802	SSF x LoA	-11,1631253	0,035	0,301
CHR1	18685813	CHR1:18685813	SSF x LoA	-9,81968552	-0,001	0,299
CHR1	18691596	CHR1:18691596	SSF x LoA	-9,8547533	0,056	0,314
CHR1	18691767	CHR1:18691767	SSF x LoA	-8,91481778	0,067	0,322
CHR1	1870312	CHR1:1870312	SSF x LoA	-10,5800384	0,016	0,311
CHR1	18708967	CHR1:18708967	SSF x LoA	-8,05956607	0,060	0,302
CHR1	18714582	CHR1:18714582	SSF x LoA	-8,28219603	-0,078	0,307
CHR1	18714586	CHR1:18714586	SSF x LoA	-9,81019897	-0,071	0,299

CHR1	18717935	CHR1:18717935	SSF x LoA	-11,3934549	-0,088	0,301
CHR1	18717937	CHR1:18717937	SSF x LoA	-7,09910302	0,099	0,296
CHR1	18718009	CHR1:18718009	SSF x LoA	-5,89309051	0,228	0,294
CHR1	18718026	CHR1:18718026	SSF x LoA	-10,2415602	-0,038	0,291
CHR1	18718117	CHR1:18718117	SSF x LoA	-10,1502236	0,031	0,292
CHR1	18718133	CHR1:18718133	SSF x LoA	-10,2480398	-0,019	0,287
CHR1	18718159	CHR1:18718159	SSF x LoA	-10,174317	0,040	0,300
CHR1	18718160	CHR1:18718160	SSF x LoA	-8,88232866	-0,012	0,297
CHR1	18725155	CHR1:18725155	SSF x LoA	-8,06876545	0,042	0,307
CHR1	18731330	CHR1:18731330	SSF x LoA	-9,17338643	0,101	0,286
CHR1	18731360	CHR1:18731360	SSF x LoA	-9,67164254	-0,122	0,311
CHR1	18731382	CHR1:18731382	SSF x LoA	-6,88115793	-0,056	0,294
CHR1	18731423	CHR1:18731423	SSF x LoA	-11,2965431	0,077	0,304
CHR1	18731610	CHR1:18731610	SSF x LoA	-12,1518738	-0,072	0,301
CHR1	18756032	CHR1:18756032	SSF x LoA	-9,35112764	0,100	0,322
CHR1	18756067	CHR1:18756067	SSF x LoA	-11,3519982	-0,046	0,307
CHR1	18756154	CHR1:18756154	SSF x LoA	-9,21418424	0,113	0,302
CHR1	18759963	CHR1:18759963	SSF x LoA	-11,0698233	-0,005	0,313
CHR1	18759972	CHR1:18759972	SSF x LoA	-10,4423911	-0,041	0,302
CHR1	18772165	CHR1:18772165	SSF x LoA	-9,38968439	0,114	0,292
CHR1	1877968	CHR1:1877968	SSF x LoA	-7,566164	0,061	0,302
CHR1	1878049	CHR1:1878049	SSF x LoA	-5,29928765	-0,144	0,300
CHR1	1878116	CHR1:1878116	SSF x LoA	-6,51763252	0,141	0,287
CHR1	1878121	CHR1:1878121	SSF x LoA	-8,60754646	-0,124	0,292
CHR1	18787953	CHR1:18787953	SSF x LoA	-9,56157055	0,084	0,317
CHR1	18787987	CHR1:18787987	SSF x LoA	-7,48242056	0,022	0,302
CHR1	18788053	CHR1:18788053	SSF x LoA	-6,12064698	-0,064	0,307
CHR1	18788076	CHR1:18788076	SSF x LoA	-9,40889272	-0,088	0,302
CHR1	18792880	CHR1:18792880	SSF x LoA	-9,40942436	-0,040	0,313
CHR1	18792912	CHR1:18792912	SSF x LoA	-8,20493607	0,060	0,318
CHR1	18792950	CHR1:18792950	SSF x LoA	-6,81946151	0,016	0,306
CHR1	18793543	CHR1:18793543	SSF x LoA	-10,9348899	-0,061	0,285
CHR1	18817640	CHR1:18817640	SSF x LoA	-11,514833	0,003	0,315
CHR1	18838856	CHR1:18838856	SSF x LoA	-10,8389473	0,072	0,316
CHR1	18846612	CHR1:18846612	SSF x LoA	-8,52059632	-0,014	0,322
CHR1	18867584	CHR1:18867584	SSF x LoA	-9,1313782	0,045	0,310
CHR1	18867684	CHR1:18867684	SSF x LoA	-8,74600611	-0,087	0,314
CHR1	18867695	CHR1:18867695	SSF x LoA	-5,92521409	-0,070	0,310
CHR1	18873498	CHR1:18873498	SSF x LoA	-9,33255942	0,041	0,307
CHR1	18874756	CHR1:18874756	SSF x LoA	-9,76021328	0,105	0,308
CHR1	18881951	CHR1:18881951	SSF x LoA	-10,8654357	-0,022	0,308
CHR1	18881953	CHR1:18881953	SSF x LoA	-8,49993169	0,017	0,292
CHR1	18881961	CHR1:18881961	SSF x LoA	-5,46593377	-0,017	0,308
CHR1	18881969	CHR1:18881969	SSF x LoA	-7,73397045	-0,042	0,312
CHR1	18881972	CHR1:18881972	SSF x LoA	-12,054564	0,002	0,303
CHR1	18881974	CHR1:18881974	SSF x LoA	-7,86949133	0,007	0,320
CHR1	18883347	CHR1:18883347	SSF x LoA	-10,7540699	-0,027	0,316
CHR1	18884008	CHR1:18884008	SSF x LoA	-9,18618222	0,043	0,294
CHR1	18884016	CHR1:18884016	SSF x LoA	-11,5908028	-0,018	0,302
CHR1	18884040	CHR1:18884040	SSF x LoA	-10,5543155	-0,073	0,304
CHR1	18887894	CHR1:18887894	SSF x LoA	-8,85448621	-0,057	0,301
CHR1	18887939	CHR1:18887939	SSF x LoA	-10,8325675	0,044	0,315
CHR1	18887951	CHR1:18887951	SSF x LoA	-9,47365126	0,028	0,298

CHR1	18887965	CHR1:18887965	SSF x LoA	-8,86489957	-0,039	0,314
CHR1	18887972	CHR1:18887972	SSF x LoA	-7,82072409	0,051	0,309
CHR1	18888038	CHR1:18888038	SSF x LoA	-7,64411524	-0,013	0,322
CHR1	18888093	CHR1:18888093	SSF x LoA	-9,24210784	0,015	0,310
CHR1	18888101	CHR1:18888101	SSF x LoA	-7,81395185	0,016	0,305
CHR1	18895620	CHR1:18895620	SSF x LoA	-9,71831568	-0,017	0,303
CHR1	18902607	CHR1:18902607	SSF x LoA	-9,45331309	0,072	0,306
CHR1	18902624	CHR1:18902624	SSF x LoA	-5,12148147	0,157	0,297
CHR1	18902717	CHR1:18902717	SSF x LoA	-7,8305077	0,065	0,302
CHR1	18902863	CHR1:18902863	SSF x LoA	-7,7925809	-0,068	0,317
CHR1	18902864	CHR1:18902864	SSF x LoA	-9,31138368	-0,109	0,300
CHR1	18902887	CHR1:18902887	SSF x LoA	-6,27142591	0,083	0,312
CHR1	18910369	CHR1:18910369	SSF x LoA	-10,4404137	-0,015	0,313
CHR1	18910388	CHR1:18910388	SSF x LoA	-8,90871778	-0,217	0,313
CHR1	18910396	CHR1:18910396	SSF x LoA	-9,93246404	-0,115	0,291
CHR1	18910398	CHR1:18910398	SSF x LoA	-9,30137253	-0,191	0,300
CHR1	18910414	CHR1:18910414	SSF x LoA	-7,35708913	-0,154	0,304
CHR1	18914953	CHR1:18914953	SSF x LoA	-3,84382972	-0,007	0,320
CHR1	18915003	CHR1:18915003	SSF x LoA	-10,2632031	0,042	0,313
CHR1	18915034	CHR1:18915034	SSF x LoA	-7,85586922	-0,125	0,314
CHR1	18915039	CHR1:18915039	SSF x LoA	-7,55401407	-0,083	0,315
CHR1	18918398	CHR1:18918398	SSF x LoA	-6,82642982	0,110	0,300
CHR1	18918433	CHR1:18918433	SSF x LoA	-9,11316643	-0,096	0,283
CHR1	18918449	CHR1:18918449	SSF x LoA	-8,45296018	0,052	0,326
CHR1	18918450	CHR1:18918450	SSF x LoA	-9,45981273	0,027	0,306
CHR1	18918456	CHR1:18918456	SSF x LoA	-8,8700732	0,017	0,310
CHR1	18918469	CHR1:18918469	SSF x LoA	-10,0098869	-0,100	0,306
CHR1	18918486	CHR1:18918486	SSF x LoA	-10,5892833	0,039	0,302
CHR1	18918529	CHR1:18918529	SSF x LoA	-8,60416817	-0,083	0,294
CHR1	18930812	CHR1:18930812	SSF x LoA	-11,3847301	0,026	0,311
CHR1	18930877	CHR1:18930877	SSF x LoA	-9,00045569	-0,039	0,323
CHR1	18930891	CHR1:18930891	SSF x LoA	-12,1270134	-0,004	0,300
CHR1	18930893	CHR1:18930893	SSF x LoA	-8,87161368	0,041	0,318
CHR1	18931386	CHR1:18931386	SSF x LoA	-9,48556243	0,011	0,308
CHR1	18931432	CHR1:18931432	SSF x LoA	-11,225509	0,033	0,311
CHR1	18931479	CHR1:18931479	SSF x LoA	-10,1098298	0,113	0,284
CHR1	18937236	CHR1:18937236	SSF x LoA	-11,1938033	0,088	0,295
CHR1	18937274	CHR1:18937274	SSF x LoA	-10,6260076	-0,038	0,296
CHR1	18943501	CHR1:18943501	SSF x LoA	-7,5205945	0,057	0,303
CHR1	18943626	CHR1:18943626	SSF x LoA	-10,7373304	0,084	0,303
CHR1	18943629	CHR1:18943629	SSF x LoA	-11,5611452	0,074	0,301
CHR1	18943635	CHR1:18943635	SSF x LoA	-11,0949947	0,041	0,311
CHR1	18948572	CHR1:18948572	SSF x LoA	-7,8919109	-0,214	0,293
CHR1	18948582	CHR1:18948582	SSF x LoA	-7,94185015	-0,109	0,295
CHR1	18948616	CHR1:18948616	SSF x LoA	-8,32817313	0,012	0,306
CHR1	18948631	CHR1:18948631	SSF x LoA	-8,01131103	0,092	0,306
CHR1	18954476	CHR1:18954476	SSF x LoA	-5,37982092	0,027	0,291
CHR1	18954484	CHR1:18954484	SSF x LoA	-9,20119948	0,109	0,301
CHR1	18954497	CHR1:18954497	SSF x LoA	-5,82287271	0,073	0,313
CHR1	18954508	CHR1:18954508	SSF x LoA	-9,84559315	0,016	0,308
CHR1	18954576	CHR1:18954576	SSF x LoA	-8,8185941	-0,026	0,312
CHR1	18954584	CHR1:18954584	SSF x LoA	-7,11496099	0,049	0,324
CHR1	18954637	CHR1:18954637	SSF x LoA	-5,5980632	0,144	0,308

CHR1	18954674	CHR1:18954674	SSF x LoA	-8,02892223	0,069	0,300
CHR1	18963215	CHR1:18963215	SSF x LoA	-11,2352389	-0,020	0,317
CHR1	18963257	CHR1:18963257	SSF x LoA	-10,7307885	0,034	0,313
CHR1	18963268	CHR1:18963268	SSF x LoA	-11,4741667	-0,083	0,314
CHR1	1896366	CHR1:1896366	SSF x LoA	-8,64165587	0,029	0,320
CHR1	1896369	CHR1:1896369	SSF x LoA	-11,4997972	0,005	0,307
CHR1	18968168	CHR1:18968168	SSF x LoA	-5,32534235	-0,015	0,317
CHR1	18968184	CHR1:18968184	SSF x LoA	-5,11769643	-0,052	0,301
CHR1	18968231	CHR1:18968231	SSF x LoA	-5,81579795	-0,090	0,305
CHR1	18968238	CHR1:18968238	SSF x LoA	-2,99546001	0,057	0,307
CHR1	18978515	CHR1:18978515	SSF x LoA	-8,01033566	-0,045	0,305
CHR1	18978559	CHR1:18978559	SSF x LoA	-7,91583535	-0,039	0,313
CHR1	1897886	CHR1:1897886	SSF x LoA	-6,76560903	0,099	0,304
CHR1	18982139	CHR1:18982139	SSF x LoA	-9,71727915	0,077	0,306
CHR1	18982176	CHR1:18982176	SSF x LoA	-8,56192973	0,109	0,311
CHR1	1898503	CHR1:1898503	SSF x LoA	-10,3829003	-0,100	0,292
CHR1	1898511	CHR1:1898511	SSF x LoA	-6,9788988	-0,203	0,293
CHR1	1898575	CHR1:1898575	SSF x LoA	-9,01809207	-0,110	0,297
CHR1	18986596	CHR1:18986596	SSF x LoA	7,45473155	0,067	0,299
CHR1	18986659	CHR1:18986659	SSF x LoA	-7,80361484	0,045	0,314
CHR1	18986672	CHR1:18986672	SSF x LoA	-10,4613418	0,097	0,305
CHR1	18986698	CHR1:18986698	SSF x LoA	-9,1597638	0,047	0,291
CHR1	18986706	CHR1:18986706	SSF x LoA	-9,12705098	0,033	0,312
CHR1	18986826	CHR1:18986826	SSF x LoA	-6,4450088	-0,020	0,319
CHR1	18993806	CHR1:18993806	SSF x LoA	-6,03213604	-0,047	0,306
CHR1	19001685	CHR1:19001685	SSF x LoA	-4,46429606	0,037	0,302
CHR1	19001688	CHR1:19001688	SSF x LoA	-9,02910915	-0,028	0,320
CHR1	19001715	CHR1:19001715	SSF x LoA	-7,50195259	0,110	0,304
CHR1	19003103	CHR1:19003103	SSF x LoA	-10,9120815	-0,020	0,306
CHR1	19003198	CHR1:19003198	SSF x LoA	-11,757965	-0,076	0,309
CHR1	19011558	CHR1:19011558	SSF x LoA	-10,8979987	-0,004	0,302
CHR1	19011639	CHR1:19011639	SSF x LoA	-6,1539784	-0,128	0,307
CHR1	19011654	CHR1:19011654	SSF x LoA	-9,00219095	0,026	0,310
CHR1	19011706	CHR1:19011706	SSF x LoA	-5,47408304	0,000	0,314
CHR1	19011797	CHR1:19011797	SSF x LoA	-9,69131061	-0,047	0,301
CHR1	1901637	CHR1:1901637	SSF x LoA	-7,29980899	0,026	0,300
CHR1	19019972	CHR1:19019972	SSF x LoA	-9,40800674	-0,006	0,314
CHR1	19019985	CHR1:19019985	SSF x LoA	-10,792494	-0,063	0,299
CHR1	19019987	CHR1:19019987	SSF x LoA	-9,36312258	-0,053	0,311
CHR1	19020002	CHR1:19020002	SSF x LoA	-11,3910189	-0,039	0,294
CHR1	19020038	CHR1:19020038	SSF x LoA	-10,0868323	-0,021	0,316
CHR1	19021006	CHR1:19021006	SSF x LoA	-7,642969	0,114	0,308
CHR1	19021140	CHR1:19021140	SSF x LoA	-11,0522394	0,063	0,305
CHR1	19021221	CHR1:19021221	SSF x LoA	-7,83024725	0,060	0,312
CHR1	19021246	CHR1:19021246	SSF x LoA	-8,46539413	-0,112	0,303
CHR1	19033230	CHR1:19033230	SSF x LoA	-10,0407751	-0,046	0,305
CHR1	19033285	CHR1:19033285	SSF x LoA	-10,5709094	0,001	0,311
CHR1	19033300	CHR1:19033300	SSF x LoA	-3,52329109	0,139	0,301
CHR1	19033312	CHR1:19033312	SSF x LoA	-4,24496619	-0,044	0,302
CHR1	19033337	CHR1:19033337	SSF x LoA	-9,6056539	0,048	0,307
CHR1	19033340	CHR1:19033340	SSF x LoA	-11,5987418	0,044	0,300
CHR1	19033346	CHR1:19033346	SSF x LoA	-0,2903531	0,019	0,313
CHR1	19033350	CHR1:19033350	SSF x LoA	-6,13121475	0,011	0,304

CHR1	19035767	CHR1:19035767	SSF x LoA	-8,49381496	0,153	0,297
CHR1	19035884	CHR1:19035884	SSF x LoA	-7,28109887	-0,071	0,296
CHR1	19035912	CHR1:19035912	SSF x LoA	-9,71542893	-0,113	0,306
CHR1	19035914	CHR1:19035914	SSF x LoA	-10,2332529	-0,091	0,305
CHR1	19035940	CHR1:19035940	SSF x LoA	-9,04975437	0,106	0,310
CHR1	19035945	CHR1:19035945	SSF x LoA	-6,43403163	-0,147	0,316
CHR1	19035951	CHR1:19035951	SSF x LoA	-9,2142725	0,013	0,300
CHR1	1903793	CHR1:1903793	SSF x LoA	-10,3321226	-0,043	0,300
CHR1	1903800	CHR1:1903800	SSF x LoA	-9,19845314	-0,063	0,312
CHR1	1903832	CHR1:1903832	SSF x LoA	-8,84036622	-0,012	0,304
CHR1	19041304	CHR1:19041304	SSF x LoA	-8,10095955	0,035	0,315
CHR1	19041330	CHR1:19041330	SSF x LoA	-9,11485449	0,007	0,312
CHR1	19041609	CHR1:19041609	SSF x LoA	-8,70495001	-0,078	0,308
CHR1	19045426	CHR1:19045426	SSF x LoA	-11,20735	-0,023	0,301
CHR1	19050553	CHR1:19050553	SSF x LoA	-7,63244298	-0,167	0,295
CHR1	19050664	CHR1:19050664	SSF x LoA	-8,96005914	0,048	0,318
CHR1	19050683	CHR1:19050683	SSF x LoA	-11,18949	-0,038	0,320
CHR1	19058153	CHR1:19058153	SSF x LoA	-9,53391561	-0,053	0,310
CHR1	19058160	CHR1:19058160	SSF x LoA	-8,64560241	-0,099	0,317
CHR1	19058211	CHR1:19058211	SSF x LoA	-10,2881158	-0,022	0,304
CHR1	19083538	CHR1:19083538	SSF x LoA	-5,68876628	0,068	0,297
CHR1	19083626	CHR1:19083626	SSF x LoA	-8,76580546	0,079	0,298
CHR1	19090250	CHR1:19090250	SSF x LoA	-9,64675665	0,086	0,296
CHR1	19101186	CHR1:19101186	SSF x LoA	-8,24523881	0,059	0,304
CHR1	19101225	CHR1:19101225	SSF x LoA	-8,57879032	0,087	0,310
CHR1	19101230	CHR1:19101230	SSF x LoA	-10,2109185	-0,058	0,301
CHR1	19106286	CHR1:19106286	SSF x LoA	-10,1056629	0,028	0,298
CHR1	19106525	CHR1:19106525	SSF x LoA	-7,73764728	-0,129	0,297
CHR1	19106593	CHR1:19106593	SSF x LoA	-11,6297388	-0,101	0,299
CHR1	1911782	CHR1:1911782	SSF x LoA	-9,86627979	-0,083	0,304
CHR1	1911796	CHR1:1911796	SSF x LoA	-10,9684202	0,067	0,307
CHR1	1911837	CHR1:1911837	SSF x LoA	-8,5480886	0,079	0,302
CHR1	19121051	CHR1:19121051	SSF x LoA	-11,3244845	0,033	0,311
CHR1	19121125	CHR1:19121125	SSF x LoA	-7,85513194	0,123	0,301
CHR1	19121188	CHR1:19121188	SSF x LoA	-8,97389654	0,013	0,319
CHR1	19121213	CHR1:19121213	SSF x LoA	-10,6696153	0,096	0,296
CHR1	19126851	CHR1:19126851	SSF x LoA	-8,87607375	-0,117	0,286
CHR1	19126971	CHR1:19126971	SSF x LoA	-11,1256225	-0,067	0,314
CHR1	19130862	CHR1:19130862	SSF x LoA	-6,29353718	-0,179	0,304
CHR1	19141846	CHR1:19141846	SSF x LoA	-11,0564793	-0,096	0,312
CHR1	19141987	CHR1:19141987	SSF x LoA	-9,32733805	-0,035	0,314
CHR1	1914728	CHR1:1914728	SSF x LoA	-8,03370133	-0,079	0,307
CHR1	1914745	CHR1:1914745	SSF x LoA	-6,67260173	0,091	0,308
CHR1	19156243	CHR1:19156243	SSF x LoA	-9,80862191	0,041	0,312
CHR1	19156310	CHR1:19156310	SSF x LoA	-10,8140291	0,050	0,304
CHR1	19156328	CHR1:19156328	SSF x LoA	-11,004355	-0,004	0,302
CHR1	19156434	CHR1:19156434	SSF x LoA	-11,9164267	0,022	0,301
CHR1	19156498	CHR1:19156498	SSF x LoA	-8,13523315	0,060	0,307
CHR1	19156516	CHR1:19156516	SSF x LoA	-9,45207425	0,023	0,306
CHR1	1916554	CHR1:1916554	SSF x LoA	-10,2527514	0,070	0,306
CHR1	1916575	CHR1:1916575	SSF x LoA	-9,66573416	0,020	0,304
CHR1	1916583	CHR1:1916583	SSF x LoA	-8,42918254	-0,106	0,308
CHR1	1916616	CHR1:1916616	SSF x LoA	-4,607963	0,037	0,307

CHR1	19169856	CHR1:19169856	SSF x LoA	-5,35365805	0,105	0,313
CHR1	19169927	CHR1:19169927	SSF x LoA	-8,41489552	-0,076	0,291
CHR1	19169939	CHR1:19169939	SSF x LoA	-10,8279606	0,112	0,303
CHR1	19175308	CHR1:19175308	SSF x LoA	-9,71040912	0,034	0,310
CHR1	19177470	CHR1:19177470	SSF x LoA	-10,3824665	0,040	0,304
CHR1	19177494	CHR1:19177494	SSF x LoA	-9,72681635	0,038	0,306
CHR1	19177501	CHR1:19177501	SSF x LoA	-10,7884558	-0,040	0,303
CHR1	19180604	CHR1:19180604	SSF x LoA	-6,4703506	-0,202	0,301
CHR1	19180645	CHR1:19180645	SSF x LoA	-11,7719946	-0,070	0,303
CHR1	19189827	CHR1:19189827	SSF x LoA	-10,1909388	-0,049	0,308
CHR1	19189866	CHR1:19189866	SSF x LoA	-7,13229414	-0,098	0,307
CHR1	19201575	CHR1:19201575	SSF x LoA	-10,0166731	0,118	0,298
CHR1	19201794	CHR1:19201794	SSF x LoA	-10,5898168	0,056	0,306
CHR1	19201858	CHR1:19201858	SSF x LoA	-7,46802689	-0,077	0,303
CHR1	19209462	CHR1:19209462	SSF x LoA	-9,25329537	-0,193	0,299
CHR1	19209495	CHR1:19209495	SSF x LoA	-3,48259031	-0,068	0,335
CHR1	19209574	CHR1:19209574	SSF x LoA	-10,3426684	-0,123	0,296
CHR1	19220210	CHR1:19220210	SSF x LoA	-9,66636085	-0,133	0,299
CHR1	19229737	CHR1:19229737	SSF x LoA	-9,56467448	0,002	0,304
CHR1	19229741	CHR1:19229741	SSF x LoA	-12,2260905	-0,009	0,301
CHR1	19229780	CHR1:19229780	SSF x LoA	-8,96408792	-0,071	0,308
CHR1	19231445	CHR1:19231445	SSF x LoA	-9,02793414	0,085	0,311
CHR1	19231481	CHR1:19231481	SSF x LoA	-8,97491953	-0,003	0,328
CHR1	19235220	CHR1:19235220	SSF x LoA	-10,2284599	-0,024	0,299
CHR1	19256073	CHR1:19256073	SSF x LoA	-8,74916808	0,069	0,299
CHR1	19273781	CHR1:19273781	SSF x LoA	-7,61622105	-0,024	0,308
CHR1	19275064	CHR1:19275064	SSF x LoA	-9,79921279	0,154	0,306
CHR1	19276693	CHR1:19276693	SSF x LoA	-10,603515	0,018	0,316
CHR1	19276770	CHR1:19276770	SSF x LoA	-9,0492957	0,052	0,305
CHR1	19296005	CHR1:19296005	SSF x LoA	-9,95740973	-0,103	0,317
CHR1	19333514	CHR1:19333514	SSF x LoA	-9,74216217	0,033	0,296
CHR1	19337494	CHR1:19337494	SSF x LoA	-10,9327253	-0,025	0,307
CHR1	19337593	CHR1:19337593	SSF x LoA	-9,38352018	-0,057	0,304
CHR1	19337697	CHR1:19337697	SSF x LoA	-8,76487041	-0,006	0,309
CHR1	19358244	CHR1:19358244	SSF x LoA	-10,1332355	-0,052	0,303
CHR1	19364034	CHR1:19364034	SSF x LoA	-8,35567676	-0,023	0,306
CHR1	19365560	CHR1:19365560	SSF x LoA	-9,70733748	-0,071	0,304
CHR1	1938540	CHR1:1938540	SSF x LoA	-8,99096919	-0,005	0,321
CHR1	1938631	CHR1:1938631	SSF x LoA	-6,40051214	0,182	0,293
CHR1	19398767	CHR1:19398767	SSF x LoA	-10,8818343	-0,017	0,306
CHR1	19398893	CHR1:19398893	SSF x LoA	-7,92753705	-0,065	0,319
CHR1	19401351	CHR1:19401351	SSF x LoA	-7,09632641	0,049	0,308
CHR1	19401353	CHR1:19401353	SSF x LoA	-10,8105694	0,001	0,294
CHR1	19401413	CHR1:19401413	SSF x LoA	-7,43931185	-0,124	0,310
CHR1	1940291	CHR1:1940291	SSF x LoA	-8,31017652	-0,069	0,305
CHR1	1940370	CHR1:1940370	SSF x LoA	-6,9992767	-0,015	0,307
CHR1	1940376	CHR1:1940376	SSF x LoA	-9,77839231	-0,005	0,308
CHR1	19404321	CHR1:19404321	SSF x LoA	-9,77898404	-0,118	0,305
CHR1	19404338	CHR1:19404338	SSF x LoA	-7,82557147	-0,161	0,300
CHR1	19404363	CHR1:19404363	SSF x LoA	-9,66723144	0,036	0,316
CHR1	19404401	CHR1:19404401	SSF x LoA	-10,088557	0,020	0,304
CHR1	19404518	CHR1:19404518	SSF x LoA	-4,42871757	-0,110	0,302
CHR1	19404534	CHR1:19404534	SSF x LoA	-8,48897404	0,099	0,315

CHR1	1941921	CHR1:1941921	SSF x LoA	-9,12510832	-0,100	0,303
CHR1	1941922	CHR1:1941922	SSF x LoA	-7,22020342	-0,081	0,308
CHR1	1941939	CHR1:1941939	SSF x LoA	-9,20707469	0,120	0,308
CHR1	1942011	CHR1:1942011	SSF x LoA	-9,05506532	-0,035	0,318
CHR1	1942068	CHR1:1942068	SSF x LoA	-9,58756402	0,036	0,312
CHR1	19421938	CHR1:19421938	SSF x LoA	-9,24971364	-0,032	0,316
CHR1	19422077	CHR1:19422077	SSF x LoA	-8,91593097	-0,047	0,304
CHR1	19437786	CHR1:19437786	SSF x LoA	-6,65533393	-0,074	0,313
CHR1	19461654	CHR1:19461654	SSF x LoA	-9,48836956	-0,086	0,311
CHR1	19485218	CHR1:19485218	SSF x LoA	-7,98235229	-0,098	0,311
CHR1	19485271	CHR1:19485271	SSF x LoA	-12,1735067	-0,048	0,295
CHR1	19485733	CHR1:19485733	SSF x LoA	-8,94775274	0,021	0,318
CHR1	19485780	CHR1:19485780	SSF x LoA	-8,71283711	-0,054	0,308
CHR1	19485786	CHR1:19485786	SSF x LoA	-10,693207	-0,055	0,302
CHR1	19485820	CHR1:19485820	SSF x LoA	-8,48569497	-0,075	0,314
CHR1	19485827	CHR1:19485827	SSF x LoA	-9,92920284	-0,050	0,299
CHR1	1948675	CHR1:1948675	SSF x LoA	-8,79685081	0,064	0,301
CHR1	1948710	CHR1:1948710	SSF x LoA	-8,87237528	0,026	0,323
CHR1	1948737	CHR1:1948737	SSF x LoA	-8,81300139	0,035	0,316
CHR1	19494110	CHR1:19494110	SSF x LoA	-6,64386803	0,053	0,299
CHR1	19494112	CHR1:19494112	SSF x LoA	-10,2339232	0,069	0,302
CHR1	19494113	CHR1:19494113	SSF x LoA	-8,52878054	0,059	0,304
CHR1	19497635	CHR1:19497635	SSF x LoA	-9,05832352	-0,055	0,310
CHR1	19497700	CHR1:19497700	SSF x LoA	-9,50560226	-0,007	0,316
CHR1	19499708	CHR1:19499708	SSF x LoA	-9,97149114	-0,020	0,291
CHR1	19499941	CHR1:19499941	SSF x LoA	-11,8069101	-0,018	0,309
CHR1	2E+07	CHR1:19500823	SSF x LoA	-10,2675721	0,044	0,317
CHR1	2E+07	CHR1:19500848	SSF x LoA	-4,87282449	-0,123	0,304
CHR1	2E+07	CHR1:19500909	SSF x LoA	-9,69651533	0,159	0,305
CHR1	2E+07	CHR1:19505469	SSF x LoA	-12,0640521	0,004	0,318
CHR1	2E+07	CHR1:19508432	SSF x LoA	-9,20666192	0,034	0,316
CHR1	2E+07	CHR1:19508492	SSF x LoA	-9,65436585	0,136	0,290
CHR1	2E+07	CHR1:19508499	SSF x LoA	-7,58921761	0,041	0,310
CHR1	2E+07	CHR1:19511866	SSF x LoA	-8,93616436	-0,072	0,315
CHR1	2E+07	CHR1:19511916	SSF x LoA	-7,05633043	0,136	0,312
CHR1	2E+07	CHR1:19513246	SSF x LoA	-7,44874841	-0,132	0,307
CHR1	2E+07	CHR1:19516504	SSF x LoA	-11,698401	-0,063	0,308
CHR1	2E+07	CHR1:19516621	SSF x LoA	-9,42201663	-0,062	0,322
CHR1	2E+07	CHR1:19516662	SSF x LoA	-8,64503775	0,005	0,317
CHR1	2E+07	CHR1:19516681	SSF x LoA	-10,9561028	0,033	0,314
CHR1	1952247	CHR1:1952247	SSF x LoA	-9,06725621	0,087	0,305
CHR1	1952501	CHR1:1952501	SSF x LoA	-9,78633899	0,074	0,299
CHR1	2E+07	CHR1:19528134	SSF x LoA	-8,93834192	-0,089	0,311
CHR1	2E+07	CHR1:19528147	SSF x LoA	-9,42732135	-0,015	0,314
CHR1	2E+07	CHR1:19528217	SSF x LoA	-9,84000263	0,073	0,316
CHR1	2E+07	CHR1:19528286	SSF x LoA	-7,11272682	0,170	0,300
CHR1	2E+07	CHR1:19528296	SSF x LoA	-6,59703511	0,168	0,288
CHR1	2E+07	CHR1:19528319	SSF x LoA	0,90253734	0,012	0,325
CHR1	2E+07	CHR1:19528393	SSF x LoA	-8,6274186	0,024	0,301
CHR1	2E+07	CHR1:19531928	SSF x LoA	-9,3946858	-0,049	0,315
CHR1	2E+07	CHR1:19531959	SSF x LoA	-8,2650666	-0,081	0,307
CHR1	2E+07	CHR1:19531964	SSF x LoA	-7,87745621	-0,126	0,301
CHR1	2E+07	CHR1:19532047	SSF x LoA	-6,60884584	-0,097	0,307

CHR1	2E+07	CHR1:19534805	SSF x LoA	-8,82717277	-0,083	0,303
CHR1	2E+07	CHR1:19534829	SSF x LoA	-6,81141844	0,032	0,316
CHR1	2E+07	CHR1:19534886	SSF x LoA	-9,22518359	-0,126	0,313
CHR1	2E+07	CHR1:19534895	SSF x LoA	-9,28326117	-0,029	0,315
CHR1	2E+07	CHR1:19534906	SSF x LoA	-6,71814369	-0,153	0,296
CHR1	2E+07	CHR1:19542420	SSF x LoA	-10,2927873	0,006	0,304
CHR1	2E+07	CHR1:19542451	SSF x LoA	-10,4614106	-0,148	0,299
CHR1	2E+07	CHR1:19542462	SSF x LoA	-9,48669034	-0,133	0,303
CHR1	2E+07	CHR1:19542474	SSF x LoA	-9,26693891	0,019	0,308
CHR1	2E+07	CHR1:19542613	SSF x LoA	-9,59227705	-0,039	0,307
CHR1	2E+07	CHR1:19544898	SSF x LoA	-8,18862771	-0,013	0,312
CHR1	2E+07	CHR1:19551488	SSF x LoA	-9,82056739	0,074	0,315
CHR1	2E+07	CHR1:19555031	SSF x LoA	-8,26921763	0,088	0,315
CHR1	2E+07	CHR1:19555043	SSF x LoA	-9,34810659	-0,080	0,304
CHR1	2E+07	CHR1:19555091	SSF x LoA	-8,37223811	0,000	0,310
CHR1	2E+07	CHR1:19555199	SSF x LoA	-6,97115446	-0,076	0,313
CHR1	2E+07	CHR1:19570795	SSF x LoA	-9,57389018	0,097	0,304
CHR1	2E+07	CHR1:19570817	SSF x LoA	-8,86086762	-0,015	0,303
CHR1	2E+07	CHR1:19570821	SSF x LoA	-9,13572404	-0,036	0,300
CHR1	2E+07	CHR1:19570853	SSF x LoA	-5,34657225	-0,004	0,300
CHR1	2E+07	CHR1:19570895	SSF x LoA	-7,67176538	-0,124	0,304
CHR1	2E+07	CHR1:19570901	SSF x LoA	-7,81226608	-0,103	0,296
CHR1	2E+07	CHR1:19576263	SSF x LoA	-7,16393697	0,057	0,312
CHR1	2E+07	CHR1:19576391	SSF x LoA	-8,80146493	-0,002	0,305
CHR1	2E+07	CHR1:19576392	SSF x LoA	-9,19296759	0,084	0,310
CHR1	2E+07	CHR1:19578170	SSF x LoA	-11,6399399	-0,128	0,293
CHR1	1958416	CHR1:1958416	SSF x LoA	-10,7250862	-0,089	0,306
CHR1	1958427	CHR1:1958427	SSF x LoA	-8,11930439	0,060	0,286
CHR1	2E+07	CHR1:19592148	SSF x LoA	-9,29461059	0,114	0,307
CHR1	2E+07	CHR1:19592212	SSF x LoA	-8,73503487	-0,140	0,306
CHR1	2E+07	CHR1:19592228	SSF x LoA	-10,372037	0,055	0,300
CHR1	2E+07	CHR1:19592326	SSF x LoA	-8,04374009	0,153	0,299
CHR1	2E+07	CHR1:19592340	SSF x LoA	-9,3020711	-0,089	0,311
CHR1	2E+07	CHR1:19592381	SSF x LoA	-7,47554161	0,107	0,298
CHR1	2E+07	CHR1:19592385	SSF x LoA	-7,97761325	-0,051	0,318
CHR1	2E+07	CHR1:19592388	SSF x LoA	-10,3027475	0,000	0,312
CHR1	2E+07	CHR1:19592426	SSF x LoA	-11,4317918	0,009	0,300
CHR1	2E+07	CHR1:19592428	SSF x LoA	-9,93732575	-0,002	0,314
CHR1	2E+07	CHR1:19604538	SSF x LoA	-8,35971672	0,013	0,311
CHR1	2E+07	CHR1:19604766	SSF x LoA	-8,06836912	-0,080	0,308
CHR1	2E+07	CHR1:19604808	SSF x LoA	-10,9394714	0,024	0,300
CHR1	2E+07	CHR1:19604853	SSF x LoA	-8,32320398	-0,034	0,304
CHR1	2E+07	CHR1:19604857	SSF x LoA	-8,22951235	-0,027	0,309
CHR1	2E+07	CHR1:19604858	SSF x LoA	-11,5575753	-0,040	0,301
CHR1	2E+07	CHR1:19607068	SSF x LoA	-8,60086631	-0,066	0,312
CHR1	2E+07	CHR1:19607083	SSF x LoA	-9,24598889	-0,016	0,316
CHR1	2E+07	CHR1:19607179	SSF x LoA	-8,33572688	-0,049	0,309
CHR1	2E+07	CHR1:19607289	SSF x LoA	-9,65362259	0,068	0,298
CHR1	2E+07	CHR1:19609158	SSF x LoA	-9,71980628	0,018	0,312
CHR1	2E+07	CHR1:19609179	SSF x LoA	-5,56126803	-0,191	0,305
CHR1	2E+07	CHR1:19609187	SSF x LoA	-8,74777524	-0,107	0,301
CHR1	2E+07	CHR1:19609247	SSF x LoA	-7,23243113	-0,164	0,301
CHR1	2E+07	CHR1:19609353	SSF x LoA	-8,77614951	-0,017	0,316

CHR1	2E+07	CHR1:19609368	SSF x LoA	-9,06793603	-0,029	0,303
CHR1	2E+07	CHR1:19612617	SSF x LoA	-8,42740629	-0,073	0,305
CHR1	2E+07	CHR1:19612663	SSF x LoA	-11,7428711	-0,008	0,304
CHR1	2E+07	CHR1:19612681	SSF x LoA	-8,29591666	0,060	0,315
CHR1	2E+07	CHR1:19614524	SSF x LoA	-10,3385592	-0,079	0,310
CHR1	2E+07	CHR1:19614647	SSF x LoA	-8,34707326	-0,021	0,313
CHR1	2E+07	CHR1:19618584	SSF x LoA	-9,62490926	0,045	0,306
CHR1	2E+07	CHR1:19618724	SSF x LoA	-9,76048629	0,003	0,312
CHR1	2E+07	CHR1:19631191	SSF x LoA	-9,87571912	0,064	0,305
CHR1	2E+07	CHR1:19631250	SSF x LoA	-9,9980115	0,048	0,305
CHR1	2E+07	CHR1:19631280	SSF x LoA	-9,86027883	0,036	0,307
CHR1	2E+07	CHR1:19631288	SSF x LoA	-8,53551286	0,017	0,323
CHR1	2E+07	CHR1:19634296	SSF x LoA	-10,3350246	0,058	0,306
CHR1	2E+07	CHR1:19634307	SSF x LoA	-9,59419029	0,036	0,304
CHR1	2E+07	CHR1:19634367	SSF x LoA	-3,5938721	0,089	0,299
CHR1	2E+07	CHR1:19634421	SSF x LoA	-8,2700963	0,085	0,294
CHR1	2E+07	CHR1:19634571	SSF x LoA	-12,1234098	-0,065	0,306
CHR1	2E+07	CHR1:19636657	SSF x LoA	-9,25384648	-0,009	0,325
CHR1	2E+07	CHR1:19636686	SSF x LoA	-8,28290417	-0,085	0,298
CHR1	2E+07	CHR1:19641033	SSF x LoA	-11,3114511	0,080	0,297
CHR1	2E+07	CHR1:19641036	SSF x LoA	-10,4470985	-0,068	0,295
CHR1	2E+07	CHR1:19641101	SSF x LoA	-7,67505285	0,118	0,306
CHR1	2E+07	CHR1:19641130	SSF x LoA	-10,6298136	0,099	0,314
CHR1	2E+07	CHR1:19641177	SSF x LoA	-7,72117228	-0,058	0,322
CHR1	2E+07	CHR1:19646287	SSF x LoA	-8,83599886	0,032	0,310
CHR1	2E+07	CHR1:19646288	SSF x LoA	-6,39970511	0,046	0,308
CHR1	2E+07	CHR1:19646311	SSF x LoA	-7,2899071	0,004	0,311
CHR1	2E+07	CHR1:19646322	SSF x LoA	-9,89121837	0,091	0,303
CHR1	1965408	CHR1:1965408	SSF x LoA	-7,48389463	-0,121	0,293
CHR1	1965562	CHR1:1965562	SSF x LoA	-8,66442537	-0,039	0,306
CHR1	1965582	CHR1:1965582	SSF x LoA	-9,38656954	0,020	0,307
CHR1	2E+07	CHR1:19659253	SSF x LoA	-9,09620034	-0,087	0,287
CHR1	2E+07	CHR1:19659260	SSF x LoA	-7,31613212	-0,091	0,312
CHR1	2E+07	CHR1:19659270	SSF x LoA	-9,0598668	0,091	0,312
CHR1	2E+07	CHR1:19659271	SSF x LoA	-8,47005585	0,077	0,307
CHR1	2E+07	CHR1:19664302	SSF x LoA	-11,2187932	-0,113	0,284
CHR1	2E+07	CHR1:19664306	SSF x LoA	-1,86423591	0,040	0,327
CHR1	2E+07	CHR1:19664341	SSF x LoA	-8,29306562	0,001	0,303
CHR1	2E+07	CHR1:19665886	SSF x LoA	-7,6178709	-0,142	0,301
CHR1	2E+07	CHR1:19665903	SSF x LoA	-9,36247225	0,077	0,317
CHR1	2E+07	CHR1:19672192	SSF x LoA	-8,02426745	-0,169	0,291
CHR1	2E+07	CHR1:19672315	SSF x LoA	-4,32966893	0,166	0,304
CHR1	2E+07	CHR1:19672338	SSF x LoA	-8,48643048	0,036	0,317
CHR1	2E+07	CHR1:19672372	SSF x LoA	-8,54965089	-0,053	0,306
CHR1	2E+07	CHR1:19672381	SSF x LoA	-6,17340146	0,143	0,300
CHR1	2E+07	CHR1:19679441	SSF x LoA	-11,2610157	-0,052	0,316
CHR1	2E+07	CHR1:19686392	SSF x LoA	-9,13744278	0,034	0,309
CHR1	2E+07	CHR1:19686418	SSF x LoA	-11,6268467	-0,044	0,298
CHR1	2E+07	CHR1:19686463	SSF x LoA	-10,8157923	-0,059	0,300
CHR1	2E+07	CHR1:19686505	SSF x LoA	-10,1090246	0,041	0,304
CHR1	2E+07	CHR1:19686767	SSF x LoA	-6,32267194	-0,117	0,298
CHR1	2E+07	CHR1:19686775	SSF x LoA	-1,74228377	-0,129	0,299
CHR1	2E+07	CHR1:19686789	SSF x LoA	-8,39726308	0,120	0,301

CHR1	2E+07	CHR1:19686797	SSF x LoA	-9,11176986	0,001	0,324
CHR1	2E+07	CHR1:19686804	SSF x LoA	-8,7257457	0,110	0,307
CHR1	2E+07	CHR1:19686822	SSF x LoA	-8,55335015	0,037	0,313
CHR1	2E+07	CHR1:19686826	SSF x LoA	-8,84059926	-0,110	0,306
CHR1	2E+07	CHR1:19686877	SSF x LoA	-8,50227641	0,085	0,304
CHR1	2E+07	CHR1:19691372	SSF x LoA	-6,22525958	-0,164	0,309
CHR1	2E+07	CHR1:19691381	SSF x LoA	-9,69691798	-0,097	0,307
CHR1	2E+07	CHR1:19691419	SSF x LoA	-8,99391903	-0,054	0,315
CHR1	2E+07	CHR1:19691488	SSF x LoA	-8,85895136	-0,027	0,307
CHR1	2E+07	CHR1:19695488	SSF x LoA	-8,71386978	-0,056	0,309
CHR1	2E+07	CHR1:19695500	SSF x LoA	-8,82684492	0,141	0,309
CHR1	2E+07	CHR1:19695527	SSF x LoA	-7,93778591	-0,161	0,294
CHR1	2E+07	CHR1:19695597	SSF x LoA	-8,59411016	0,024	0,302
CHR1	2E+07	CHR1:19695639	SSF x LoA	-9,49661852	0,128	0,309
CHR1	2E+07	CHR1:19695653	SSF x LoA	-9,05729276	0,052	0,315
CHR1	2E+07	CHR1:19700022	SSF x LoA	-9,60112352	0,070	0,303
CHR1	2E+07	CHR1:19700146	SSF x LoA	-4,62585958	-0,160	0,290
CHR1	2E+07	CHR1:19700149	SSF x LoA	-10,7211067	0,014	0,309
CHR1	2E+07	CHR1:19700214	SSF x LoA	-8,45882406	0,016	0,304
CHR1	2E+07	CHR1:19708353	SSF x LoA	-11,2569732	0,019	0,300
CHR1	2E+07	CHR1:19713926	SSF x LoA	-10,9078496	-0,006	0,291
CHR1	2E+07	CHR1:19713956	SSF x LoA	-6,7071475	-0,027	0,310
CHR1	2E+07	CHR1:19713966	SSF x LoA	-7,91546562	-0,060	0,314
CHR1	2E+07	CHR1:19713985	SSF x LoA	-9,8466889	0,033	0,313
CHR1	2E+07	CHR1:19713988	SSF x LoA	-8,90251021	0,049	0,298
CHR1	2E+07	CHR1:19713993	SSF x LoA	-10,3221893	-0,035	0,296
CHR1	2E+07	CHR1:19713994	SSF x LoA	-8,83208032	0,017	0,283
CHR1	2E+07	CHR1:19717391	SSF x LoA	-6,99942084	-0,050	0,314
CHR1	2E+07	CHR1:19717416	SSF x LoA	-10,723211	0,029	0,306
CHR1	2E+07	CHR1:19717419	SSF x LoA	-10,8292197	0,039	0,309
CHR1	2E+07	CHR1:19717425	SSF x LoA	-11,62356	-0,005	0,313
CHR1	2E+07	CHR1:19717458	SSF x LoA	-11,2907771	0,011	0,308
CHR1	2E+07	CHR1:19717459	SSF x LoA	-10,2073452	0,063	0,306
CHR1	2E+07	CHR1:19717675	SSF x LoA	-10,9296211	-0,034	0,292
CHR1	2E+07	CHR1:19729334	SSF x LoA	-8,70693754	-0,054	0,297
CHR1	2E+07	CHR1:19729354	SSF x LoA	-5,74976924	-0,066	0,312
CHR1	2E+07	CHR1:19733299	SSF x LoA	-9,56034761	-0,085	0,310
CHR1	2E+07	CHR1:19744549	SSF x LoA	-9,00382378	-0,144	0,298
CHR1	2E+07	CHR1:19744588	SSF x LoA	-9,92340899	0,111	0,299
CHR1	2E+07	CHR1:19750315	SSF x LoA	-8,59247784	-0,048	0,309
CHR1	2E+07	CHR1:19764907	SSF x LoA	-7,63256847	-0,169	0,297
CHR1	2E+07	CHR1:19768923	SSF x LoA	-8,96805707	-0,105	0,302
CHR1	2E+07	CHR1:19768965	SSF x LoA	-10,5145909	0,097	0,296
CHR1	2E+07	CHR1:19769087	SSF x LoA	-9,47290487	0,022	0,323
CHR1	2E+07	CHR1:19770801	SSF x LoA	-10,4671973	0,054	0,300
CHR1	2E+07	CHR1:19772461	SSF x LoA	-9,38089419	0,005	0,308
CHR1	2E+07	CHR1:19782572	SSF x LoA	-10,8700884	-0,014	0,315
CHR1	2E+07	CHR1:19782653	SSF x LoA	-8,82309987	-0,107	0,301
CHR1	2E+07	CHR1:19782655	SSF x LoA	-7,81509378	-0,106	0,304
CHR1	2E+07	CHR1:19782657	SSF x LoA	-7,90746282	-0,097	0,303
CHR1	2E+07	CHR1:19786593	SSF x LoA	-9,328004	-0,046	0,316
CHR1	2E+07	CHR1:19786855	SSF x LoA	-8,06773282	0,167	0,298
CHR1	2E+07	CHR1:19807622	SSF x LoA	-8,75711889	-0,008	0,306

CHR1	2E+07	CHR1:19807662	SSF x LoA	-9,43624536	-0,021	0,305
CHR1	2E+07	CHR1:19807709	SSF x LoA	-10,3979567	-0,088	0,312
CHR1	2E+07	CHR1:19807717	SSF x LoA	-9,27971647	-0,104	0,312
CHR1	2E+07	CHR1:19815515	SSF x LoA	-8,01549628	-0,165	0,289
CHR1	2E+07	CHR1:19815651	SSF x LoA	-8,69364491	-0,026	0,311
CHR1	2E+07	CHR1:19819688	SSF x LoA	-7,75397059	-0,004	0,295
CHR1	2E+07	CHR1:19819699	SSF x LoA	-4,32429873	0,067	0,297
CHR1	2E+07	CHR1:19820529	SSF x LoA	-11,3363316	0,019	0,311
CHR1	2E+07	CHR1:19822179	SSF x LoA	-10,7796034	0,047	0,290
CHR1	1982251	CHR1:1982251	SSF x LoA	-12,3178202	0,066	0,288
CHR1	1982271	CHR1:1982271	SSF x LoA	-9,44610425	-0,026	0,296
CHR1	1982276	CHR1:1982276	SSF x LoA	-9,07413793	-0,071	0,306
CHR1	1982305	CHR1:1982305	SSF x LoA	-8,12661918	0,033	0,300
CHR1	2E+07	CHR1:19826944	SSF x LoA	-9,90058367	0,067	0,301
CHR1	2E+07	CHR1:19841290	SSF x LoA	-10,2252416	-0,131	0,316
CHR1	2E+07	CHR1:19859584	SSF x LoA	-9,31059299	-0,056	0,296
CHR1	1986171	CHR1:1986171	SSF x LoA	-8,07996674	-0,145	0,291
CHR1	1986252	CHR1:1986252	SSF x LoA	-5,85858866	-0,188	0,295
CHR1	2E+07	CHR1:19895986	SSF x LoA	-8,30599319	0,140	0,290
CHR1	1990811	CHR1:1990811	SSF x LoA	-10,1341053	-0,082	0,301
CHR1	2E+07	CHR1:19913208	SSF x LoA	-11,0969049	-0,043	0,317
CHR1	2E+07	CHR1:19913258	SSF x LoA	-11,0143107	-0,011	0,310
CHR1	2E+07	CHR1:19928979	SSF x LoA	-8,50504516	0,051	0,312
CHR1	2E+07	CHR1:19938775	SSF x LoA	-8,58250428	-0,091	0,308
CHR1	2E+07	CHR1:19939436	SSF x LoA	-9,47177471	-0,049	0,319
CHR1	2E+07	CHR1:19957431	SSF x LoA	-9,47226371	-0,046	0,309
CHR1	2E+07	CHR1:19957437	SSF x LoA	-10,7744608	-0,051	0,308
CHR1	2E+07	CHR1:19957438	SSF x LoA	-10,8485704	-0,045	0,300
CHR1	2E+07	CHR1:19957442	SSF x LoA	-10,2622733	-0,041	0,310
CHR1	2E+07	CHR1:19957446	SSF x LoA	-11,2757775	-0,048	0,307
CHR1	2E+07	CHR1:19957453	SSF x LoA	-11,2559163	-0,062	0,299
CHR1	2E+07	CHR1:19957478	SSF x LoA	-8,94423067	-0,027	0,304
CHR1	2E+07	CHR1:19957547	SSF x LoA	-6,48637454	-0,076	0,298
CHR1	2E+07	CHR1:19957553	SSF x LoA	-9,68153595	-0,053	0,305
CHR1	2E+07	CHR1:19957622	SSF x LoA	-8,06199461	-0,087	0,307
CHR1	2E+07	CHR1:19957675	SSF x LoA	-9,65377976	0,063	0,311
CHR1	2E+07	CHR1:19957688	SSF x LoA	-8,65224657	0,044	0,313
CHR1	2E+07	CHR1:19957694	SSF x LoA	-9,48456031	-0,010	0,294
CHR1	2E+07	CHR1:19963351	SSF x LoA	-10,2766367	0,025	0,309
CHR1	2E+07	CHR1:19963772	SSF x LoA	-6,72191821	-0,103	0,306
CHR1	2E+07	CHR1:19963775	SSF x LoA	-9,26010242	0,075	0,308
CHR1	2E+07	CHR1:19963787	SSF x LoA	-9,06454362	-0,029	0,314
CHR1	2E+07	CHR1:19963823	SSF x LoA	-9,08630826	0,096	0,302
CHR1	2E+07	CHR1:19963843	SSF x LoA	-10,7672546	0,023	0,319
CHR1	2E+07	CHR1:19963849	SSF x LoA	-8,00927611	-0,022	0,315
CHR1	2E+07	CHR1:19963850	SSF x LoA	-9,66349278	0,023	0,309
CHR1	2E+07	CHR1:19963868	SSF x LoA	-10,5135002	0,075	0,305
CHR1	2E+07	CHR1:19963872	SSF x LoA	-10,6103771	0,013	0,307
CHR1	2E+07	CHR1:19963894	SSF x LoA	-8,67707608	-0,077	0,317
CHR1	2E+07	CHR1:19963902	SSF x LoA	-11,8917906	0,007	0,302
CHR1	2E+07	CHR1:19969586	SSF x LoA	-8,68016783	0,064	0,294
CHR1	2E+07	CHR1:19969648	SSF x LoA	-12,109759	0,001	0,308
CHR1	1997049	CHR1:1997049	SSF x LoA	-11,8178198	-0,074	0,307

CHR1	1997067	CHR1:1997067	SSF x LoA	-8,49954069	-0,126	0,302
CHR1	1997139	CHR1:1997139	SSF x LoA	-4,38449743	0,092	0,311
CHR1	2E+07	CHR1:19974915	SSF x LoA	-1,19501344	-0,118	0,306
CHR1	2E+07	CHR1:19974980	SSF x LoA	-8,38589895	-0,054	0,309
CHR1	2E+07	CHR1:19974983	SSF x LoA	-10,8000318	0,138	0,302
CHR1	2E+07	CHR1:19975044	SSF x LoA	-7,38486006	0,095	0,304
CHR1	2E+07	CHR1:19975124	SSF x LoA	-8,55613889	-0,050	0,303
CHR1	1997898	CHR1:1997898	SSF x LoA	-7,30510615	0,037	0,313
CHR1	1997967	CHR1:1997967	SSF x LoA	-7,67436326	-0,056	0,312
CHR1	1998003	CHR1:1998003	SSF x LoA	-9,90150874	0,017	0,312
CHR1	1998041	CHR1:1998041	SSF x LoA	-10,5883561	-0,087	0,296
CHR1	1998195	CHR1:1998195	SSF x LoA	-11,0093501	0,012	0,319
CHR1	2E+07	CHR1:19996212	SSF x LoA	-9,43587286	0,069	0,301
CHR1	2E+07	CHR1:20000183	SSF x LoA	-6,71083271	0,072	0,301
CHR1	2E+07	CHR1:20000254	SSF x LoA	-9,20252483	-0,035	0,317
CHR1	2E+07	CHR1:20000262	SSF x LoA	-7,28283775	0,042	0,305
CHR1	2E+07	CHR1:20004790	SSF x LoA	-11,0643919	0,027	0,304
CHR1	2E+07	CHR1:20011394	SSF x LoA	-11,7580852	0,042	0,301
CHR1	2E+07	CHR1:20014680	SSF x LoA	-9,37461998	0,029	0,295
CHR1	2E+07	CHR1:20014736	SSF x LoA	-10,5326316	-0,048	0,310
CHR1	2E+07	CHR1:20017560	SSF x LoA	-8,51782485	-0,032	0,309
CHR1	2E+07	CHR1:20020949	SSF x LoA	-8,10605461	-0,098	0,312
CHR1	2E+07	CHR1:20020997	SSF x LoA	-9,69861161	-0,083	0,301
CHR1	2E+07	CHR1:20024733	SSF x LoA	-10,8308848	-0,088	0,306
CHR1	2002683	CHR1:2002683	SSF x LoA	-9,08485918	-0,075	0,299
CHR1	2E+07	CHR1:20032990	SSF x LoA	-5,89254297	-0,092	0,294
CHR1	2E+07	CHR1:20033164	SSF x LoA	-7,29542873	-0,025	0,300
CHR1	2004413	CHR1:2004413	SSF x LoA	-3,10512142	0,216	0,303
CHR1	2E+07	CHR1:20044376	SSF x LoA	-10,1505716	0,001	0,306
CHR1	2E+07	CHR1:20045699	SSF x LoA	-8,68864835	-0,035	0,299
CHR1	2E+07	CHR1:20045700	SSF x LoA	-8,06025103	-0,006	0,319
CHR1	2E+07	CHR1:20049590	SSF x LoA	-9,83030587	0,075	0,304
CHR1	2E+07	CHR1:20049793	SSF x LoA	-7,88907652	-0,033	0,319
CHR1	2E+07	CHR1:20049840	SSF x LoA	-10,6073847	-0,082	0,302
CHR1	2E+07	CHR1:20064220	SSF x LoA	-10,0125316	0,004	0,317
CHR1	2E+07	CHR1:20064413	SSF x LoA	-7,26808483	0,198	0,309
CHR1	2E+07	CHR1:20064491	SSF x LoA	-8,49012763	-0,079	0,309
CHR1	2E+07	CHR1:20066900	SSF x LoA	-11,2238685	0,014	0,303
CHR1	2E+07	CHR1:20066931	SSF x LoA	-10,6933428	-0,054	0,309
CHR1	2E+07	CHR1:20067076	SSF x LoA	-10,3180451	-0,041	0,297
CHR1	2E+07	CHR1:20073023	SSF x LoA	-9,81102724	-0,008	0,302
CHR1	2E+07	CHR1:20073079	SSF x LoA	-7,6316619	0,063	0,296
CHR1	2E+07	CHR1:20073612	SSF x LoA	-10,0659387	-0,082	0,291
CHR1	2E+07	CHR1:20076469	SSF x LoA	-7,64228886	0,023	0,317
CHR1	2E+07	CHR1:20076519	SSF x LoA	-9,35957579	-0,097	0,319
CHR1	2E+07	CHR1:20077979	SSF x LoA	-7,0250367	0,026	0,303
CHR1	2E+07	CHR1:20077987	SSF x LoA	-8,87407357	-0,098	0,314
CHR1	2E+07	CHR1:20078200	SSF x LoA	-10,5939596	0,052	0,318
CHR1	2E+07	CHR1:20082322	SSF x LoA	-7,51481175	0,141	0,315
CHR1	2E+07	CHR1:20082325	SSF x LoA	-9,54713284	-0,012	0,321
CHR1	2E+07	CHR1:20082330	SSF x LoA	-11,2271584	-0,002	0,304
CHR1	2E+07	CHR1:20082344	SSF x LoA	-7,24455882	0,141	0,302
CHR1	2E+07	CHR1:20082373	SSF x LoA	-7,91705359	-0,001	0,309

CHR1	2E+07	CHR1:20082646	SSF x LoA	-9,67507219	-0,059	0,311
CHR1	2E+07	CHR1:20082647	SSF x LoA	-10,1199095	-0,044	0,288
CHR1	2E+07	CHR1:20088078	SSF x LoA	-9,39001838	0,028	0,296
CHR1	2E+07	CHR1:20088089	SSF x LoA	-10,3993759	0,050	0,321
CHR1	2E+07	CHR1:20088114	SSF x LoA	-9,75558931	-0,017	0,313
CHR1	2E+07	CHR1:20088125	SSF x LoA	-7,25951041	0,052	0,317
CHR1	2E+07	CHR1:20088140	SSF x LoA	-8,53292325	0,073	0,317
CHR1	2E+07	CHR1:20092519	SSF x LoA	-10,1134864	0,052	0,301
CHR1	2E+07	CHR1:20092609	SSF x LoA	-6,05634356	-0,014	0,312
CHR1	2009589	CHR1:2009589	SSF x LoA	-7,51605368	0,037	0,309
CHR1	2009614	CHR1:2009614	SSF x LoA	-10,4495941	-0,047	0,307
CHR1	2E+07	CHR1:20102144	SSF x LoA	-7,70610417	0,072	0,321
CHR1	2E+07	CHR1:20102282	SSF x LoA	-6,08836061	-0,050	0,315
CHR1	2E+07	CHR1:20120795	SSF x LoA	-10,6295747	0,067	0,318
CHR1	2E+07	CHR1:20121236	SSF x LoA	-2,3620942	0,049	0,288
CHR1	2012167	CHR1:2012167	SSF x LoA	10,7113861	0,026	0,302
CHR1	2012182	CHR1:2012182	SSF x LoA	-8,34596319	0,025	0,310
CHR1	2012234	CHR1:2012234	SSF x LoA	-11,1396595	-0,050	0,303
CHR1	2E+07	CHR1:20123747	SSF x LoA	-9,84269697	0,013	0,313
CHR1	2E+07	CHR1:20123780	SSF x LoA	-9,8167027	-0,064	0,323
CHR1	2E+07	CHR1:20123791	SSF x LoA	-11,5449794	0,038	0,296
CHR1	2E+07	CHR1:20123798	SSF x LoA	-11,5730046	-0,075	0,310
CHR1	2E+07	CHR1:20123813	SSF x LoA	-11,8536929	-0,051	0,293
CHR1	2E+07	CHR1:20133828	SSF x LoA	-9,33517249	0,118	0,309
CHR1	2E+07	CHR1:20133975	SSF x LoA	-8,59789382	-0,094	0,310
CHR1	2E+07	CHR1:20137342	SSF x LoA	-9,77446448	-0,103	0,320
CHR1	2E+07	CHR1:20137411	SSF x LoA	-11,5643199	0,066	0,310
CHR1	2E+07	CHR1:20146489	SSF x LoA	-9,98519441	-0,093	0,297
CHR1	2E+07	CHR1:20156663	SSF x LoA	-10,4773097	0,003	0,309
CHR1	2E+07	CHR1:20156871	SSF x LoA	-8,47944496	0,044	0,296
CHR1	2E+07	CHR1:20156879	SSF x LoA	-8,89389113	0,019	0,293
CHR1	2E+07	CHR1:20166199	SSF x LoA	-9,49029484	-0,102	0,312
CHR1	2E+07	CHR1:20176917	SSF x LoA	-9,28645205	-0,081	0,301
CHR1	2E+07	CHR1:20183028	SSF x LoA	-6,82664624	-0,136	0,305
CHR1	2E+07	CHR1:20183033	SSF x LoA	-10,5891473	-0,023	0,299
CHR1	2E+07	CHR1:20183113	SSF x LoA	-10,4080372	0,006	0,311
CHR1	2E+07	CHR1:20183164	SSF x LoA	-9,26117017	-0,004	0,294
CHR1	2E+07	CHR1:20183166	SSF x LoA	-8,94952514	-0,019	0,310
CHR1	2E+07	CHR1:20203228	SSF x LoA	-10,7296254	0,049	0,307
CHR1	2E+07	CHR1:20203914	SSF x LoA	-11,7920546	0,025	0,301
CHR1	2E+07	CHR1:20203960	SSF x LoA	-9,00024876	-0,102	0,317
CHR1	2E+07	CHR1:20204090	SSF x LoA	-7,8872797	0,122	0,281
CHR1	2E+07	CHR1:20204093	SSF x LoA	-9,02810088	0,112	0,290
CHR1	2020561	CHR1:2020561	SSF x LoA	-5,87805855	-0,182	0,304
CHR1	2020777	CHR1:2020777	SSF x LoA	-6,16564998	0,084	0,311
CHR1	2E+07	CHR1:20211601	SSF x LoA	-9,3295367	0,001	0,304
CHR1	2E+07	CHR1:20211696	SSF x LoA	-10,4627069	0,021	0,307
CHR1	2E+07	CHR1:20211733	SSF x LoA	-5,07200066	-0,023	0,298
CHR1	2E+07	CHR1:20211750	SSF x LoA	-8,94368275	-0,059	0,302
CHR1	2E+07	CHR1:20214711	SSF x LoA	-8,22777307	-0,032	0,320
CHR1	2E+07	CHR1:20224504	SSF x LoA	-10,5459207	0,095	0,310
CHR1	2E+07	CHR1:20224509	SSF x LoA	-10,8359713	-0,033	0,304
CHR1	2E+07	CHR1:20224516	SSF x LoA	-7,66187587	0,132	0,298

CHR1	2E+07	CHR1:20224562	SSF x LoA	-9,82409425	0,018	0,311
CHR1	2E+07	CHR1:20224681	SSF x LoA	-9,1772265	-0,041	0,307
CHR1	2E+07	CHR1:20224698	SSF x LoA	-8,48711058	-0,031	0,303
CHR1	2E+07	CHR1:20224786	SSF x LoA	-10,3414338	0,037	0,307
CHR1	2E+07	CHR1:20224787	SSF x LoA	-10,1895046	-0,005	0,310
CHR1	2E+07	CHR1:20224788	SSF x LoA	-3,65290331	0,050	0,319
CHR1	2E+07	CHR1:20224792	SSF x LoA	-8,19477438	0,001	0,297
CHR1	2E+07	CHR1:20232181	SSF x LoA	-8,27254951	0,128	0,308
CHR1	2E+07	CHR1:20232225	SSF x LoA	-8,48043379	-0,091	0,311
CHR1	2E+07	CHR1:20232285	SSF x LoA	-9,70686005	0,004	0,314
CHR1	2E+07	CHR1:20259734	SSF x LoA	-7,10338949	0,157	0,301
CHR1	2E+07	CHR1:20264751	SSF x LoA	-2,72033284	-0,088	0,315
CHR1	2E+07	CHR1:20264758	SSF x LoA	-9,13803021	-0,120	0,294
CHR1	2E+07	CHR1:20264952	SSF x LoA	-7,733966	-0,131	0,306
CHR1	2E+07	CHR1:20264993	SSF x LoA	-6,81868524	-0,082	0,309
CHR1	2E+07	CHR1:20265017	SSF x LoA	-10,943551	0,051	0,307
CHR1	2E+07	CHR1:20277736	SSF x LoA	-11,2394125	0,045	0,298
CHR1	2E+07	CHR1:20283467	SSF x LoA	-9,03672987	-0,109	0,311
CHR1	2E+07	CHR1:20283490	SSF x LoA	-10,8579388	-0,001	0,292
CHR1	2E+07	CHR1:20283502	SSF x LoA	-10,8374019	-0,015	0,295
CHR1	2E+07	CHR1:20283554	SSF x LoA	-4,45699872	-0,087	0,307
CHR1	2E+07	CHR1:20283598	SSF x LoA	-11,9422941	-0,020	0,306
CHR1	2E+07	CHR1:20285997	SSF x LoA	-9,92517228	0,048	0,295
CHR1	2E+07	CHR1:20286022	SSF x LoA	0,25380274	0,183	0,308
CHR1	2E+07	CHR1:20293374	SSF x LoA	-8,38555203	-0,107	0,316
CHR1	2E+07	CHR1:20293492	SSF x LoA	-8,54136658	0,013	0,299
CHR1	2E+07	CHR1:20293530	SSF x LoA	-11,5039162	0,000	0,301
CHR1	2E+07	CHR1:20294306	SSF x LoA	-8,75728356	0,015	0,311
CHR1	2E+07	CHR1:20294307	SSF x LoA	-9,33008683	-0,023	0,314
CHR1	2E+07	CHR1:20294363	SSF x LoA	-9,93804445	-0,096	0,310
CHR1	2E+07	CHR1:20301897	SSF x LoA	-10,4681503	0,093	0,314
CHR1	2E+07	CHR1:20301911	SSF x LoA	-7,97620115	0,086	0,301
CHR1	2E+07	CHR1:20301949	SSF x LoA	-9,70411055	-0,047	0,309
CHR1	2E+07	CHR1:20301960	SSF x LoA	-6,12047153	-0,029	0,316
CHR1	2E+07	CHR1:20302041	SSF x LoA	-12,3520567	0,019	0,301
CHR1	2E+07	CHR1:20302060	SSF x LoA	-7,95548759	0,139	0,312
CHR1	2E+07	CHR1:20304234	SSF x LoA	-7,49236817	-0,125	0,305
CHR1	2E+07	CHR1:20304333	SSF x LoA	-10,2968819	-0,051	0,302
CHR1	2E+07	CHR1:20304381	SSF x LoA	-11,0650089	-0,006	0,306
CHR1	2E+07	CHR1:20304398	SSF x LoA	-10,3122036	0,035	0,317
CHR1	2E+07	CHR1:20304471	SSF x LoA	-11,2115717	-0,100	0,288
CHR1	2E+07	CHR1:20328864	SSF x LoA	-8,0744041	-0,145	0,305
CHR1	2E+07	CHR1:20337173	SSF x LoA	-10,5338094	0,018	0,320
CHR1	2E+07	CHR1:20337249	SSF x LoA	-11,9404537	0,072	0,304
CHR1	2E+07	CHR1:20337277	SSF x LoA	-9,54330347	-0,059	0,307
CHR1	2E+07	CHR1:20348182	SSF x LoA	-10,7396156	-0,081	0,299
CHR1	2E+07	CHR1:20348288	SSF x LoA	-10,2096607	0,001	0,313
CHR1	2E+07	CHR1:20349903	SSF x LoA	-9,54789907	0,010	0,314
CHR1	2E+07	CHR1:20359674	SSF x LoA	-11,1740343	-0,003	0,297
CHR1	2E+07	CHR1:20362133	SSF x LoA	-8,56365495	-0,001	0,315
CHR1	2E+07	CHR1:20363522	SSF x LoA	-3,32426967	-0,051	0,306
CHR1	2E+07	CHR1:20383381	SSF x LoA	-7,46185481	0,134	0,302
CHR1	2E+07	CHR1:20383386	SSF x LoA	-8,27005163	0,113	0,307

CHR1	2E+07	CHR1:20383404	SSF x LoA	-10,4083701	-0,020	0,307
CHR1	2E+07	CHR1:20383407	SSF x LoA	-10,4226878	0,047	0,310
CHR1	2E+07	CHR1:20383414	SSF x LoA	-10,8351722	0,006	0,305
CHR1	2E+07	CHR1:20383416	SSF x LoA	-9,5774753	-0,077	0,306
CHR1	2E+07	CHR1:20388746	SSF x LoA	-8,88823619	0,010	0,310
CHR1	2E+07	CHR1:20388761	SSF x LoA	-10,6844575	0,039	0,307
CHR1	2E+07	CHR1:20388762	SSF x LoA	-9,55795271	0,086	0,308
CHR1	2E+07	CHR1:20388775	SSF x LoA	-7,53443111	0,082	0,308
CHR1	2E+07	CHR1:20406010	SSF x LoA	-7,30204939	-0,180	0,310
CHR1	2E+07	CHR1:20406097	SSF x LoA	-9,74041306	-0,024	0,309
CHR1	2E+07	CHR1:20406118	SSF x LoA	-12,363698	0,001	0,314
CHR1	2E+07	CHR1:20406170	SSF x LoA	-11,6342678	0,004	0,306
CHR1	2E+07	CHR1:20406198	SSF x LoA	-10,4258594	-0,068	0,300
CHR1	2E+07	CHR1:20426372	SSF x LoA	-11,486931	0,103	0,310
CHR1	2E+07	CHR1:20426450	SSF x LoA	-11,0587678	0,021	0,300
CHR1	2E+07	CHR1:20426604	SSF x LoA	-8,73804221	0,056	0,298
CHR1	2E+07	CHR1:20430210	SSF x LoA	-10,2679953	0,053	0,312
CHR1	204403	CHR1:204403	SSF x LoA	-9,83189852	-0,137	0,313
CHR1	2E+07	CHR1:20442871	SSF x LoA	-8,81704644	0,073	0,308
CHR1	2E+07	CHR1:20442877	SSF x LoA	-10,4997031	-0,069	0,298
CHR1	204458	CHR1:204458	SSF x LoA	-8,65582846	0,082	0,298
CHR1	204678	CHR1:204678	SSF x LoA	-6,01660455	-0,162	0,290
CHR1	2E+07	CHR1:20474259	SSF x LoA	-10,8127252	-0,057	0,302
CHR1	2E+07	CHR1:20484463	SSF x LoA	-7,77733758	-0,117	0,303
CHR1	2E+07	CHR1:20484508	SSF x LoA	-8,36802806	-0,060	0,317
CHR1	2E+07	CHR1:20484527	SSF x LoA	-9,51766716	0,066	0,287
CHR1	2E+07	CHR1:20484635	SSF x LoA	-7,53539452	0,133	0,303
CHR1	20505045	CHR1:20505045	SSF x LoA	-10,3215963	-0,035	0,304
CHR1	20505090	CHR1:20505090	SSF x LoA	-11,1996469	0,032	0,307
CHR1	20505189	CHR1:20505189	SSF x LoA	-9,7250158	0,030	0,288
CHR1	20510578	CHR1:20510578	SSF x LoA	-7,87134845	0,057	0,319
CHR1	20510600	CHR1:20510600	SSF x LoA	-10,0603659	-0,080	0,308
CHR1	20518444	CHR1:20518444	SSF x LoA	-9,0764227	0,007	0,318
CHR1	20518532	CHR1:20518532	SSF x LoA	-9,3094175	-0,001	0,304
CHR1	20518549	CHR1:20518549	SSF x LoA	-10,5498377	0,001	0,309
CHR1	20537347	CHR1:20537347	SSF x LoA	-9,99826511	0,039	0,315
CHR1	20539731	CHR1:20539731	SSF x LoA	-8,97831381	0,016	0,304
CHR1	20539830	CHR1:20539830	SSF x LoA	-5,4238229	-0,155	0,298
CHR1	20539848	CHR1:20539848	SSF x LoA	-8,87059888	-0,019	0,312
CHR1	20545726	CHR1:20545726	SSF x LoA	-7,67580719	0,085	0,314
CHR1	20548683	CHR1:20548683	SSF x LoA	-9,31723719	0,033	0,314
CHR1	20548706	CHR1:20548706	SSF x LoA	-9,46800636	-0,026	0,307
CHR1	20548752	CHR1:20548752	SSF x LoA	-5,28014199	0,039	0,307
CHR1	20554262	CHR1:20554262	SSF x LoA	-9,02192759	0,060	0,303
CHR1	20554386	CHR1:20554386	SSF x LoA	-9,24255463	0,125	0,302
CHR1	20556990	CHR1:20556990	SSF x LoA	-8,61336966	0,016	0,303
CHR1	20559102	CHR1:20559102	SSF x LoA	-11,9684039	-0,026	0,313
CHR1	20559132	CHR1:20559132	SSF x LoA	-7,74514042	-0,169	0,305
CHR1	20559222	CHR1:20559222	SSF x LoA	-7,26584092	-0,189	0,302
CHR1	20559305	CHR1:20559305	SSF x LoA	-9,43583093	0,134	0,298
CHR1	20562368	CHR1:20562368	SSF x LoA	-6,02929357	-0,072	0,309
CHR1	20562565	CHR1:20562565	SSF x LoA	-7,97200745	-0,045	0,319
CHR1	20575441	CHR1:20575441	SSF x LoA	-7,18687299	0,093	0,319

CHR1	20575534	CHR1:20575534	SSF x LoA	-9,14845594	0,002	0,320
CHR1	20575549	CHR1:20575549	SSF x LoA	-8,07591178	0,068	0,311
CHR1	20575553	CHR1:20575553	SSF x LoA	-8,5636764	-0,121	0,298
CHR1	20575622	CHR1:20575622	SSF x LoA	-7,45390108	0,108	0,313
CHR1	20581601	CHR1:20581601	SSF x LoA	-11,5217548	-0,080	0,310
CHR1	20590955	CHR1:20590955	SSF x LoA	-10,0436882	0,031	0,319
CHR1	20590991	CHR1:20590991	SSF x LoA	-11,8872331	-0,004	0,298
CHR1	20591192	CHR1:20591192	SSF x LoA	-8,72287318	-0,079	0,310
CHR1	20591200	CHR1:20591200	SSF x LoA	-7,68598293	0,059	0,312
CHR1	20591205	CHR1:20591205	SSF x LoA	-11,4932022	-0,015	0,306
CHR1	20595232	CHR1:20595232	SSF x LoA	-8,83783913	-0,117	0,304
CHR1	2060329	CHR1:2060329	SSF x LoA	-8,53419332	-0,057	0,302
CHR1	2060467	CHR1:2060467	SSF x LoA	-8,33302048	0,078	0,308
CHR1	20604887	CHR1:20604887	SSF x LoA	-8,84190311	0,126	0,323
CHR1	20604905	CHR1:20604905	SSF x LoA	-10,5846068	-0,107	0,301
CHR1	20604942	CHR1:20604942	SSF x LoA	-9,08071523	0,037	0,306
CHR1	20622706	CHR1:20622706	SSF x LoA	-7,40450681	0,030	0,316
CHR1	20622754	CHR1:20622754	SSF x LoA	-10,0786169	-0,017	0,303
CHR1	2068759	CHR1:2068759	SSF x LoA	-10,1748379	0,033	0,306
CHR1	2068821	CHR1:2068821	SSF x LoA	-8,49052772	0,050	0,311
CHR1	2071480	CHR1:2071480	SSF x LoA	-9,34565009	-0,073	0,316
CHR1	2071511	CHR1:2071511	SSF x LoA	-4,01402532	0,115	0,285
CHR1	2071533	CHR1:2071533	SSF x LoA	-7,53352254	0,085	0,316
CHR1	2071595	CHR1:2071595	SSF x LoA	-8,70355885	-0,054	0,293
CHR1	20719938	CHR1:20719938	SSF x LoA	-7,91528998	-0,089	0,297
CHR1	20719951	CHR1:20719951	SSF x LoA	-9,63463326	-0,087	0,289
CHR1	20720102	CHR1:20720102	SSF x LoA	-9,38323289	-0,078	0,306
CHR1	20732794	CHR1:20732794	SSF x LoA	-6,46263863	-0,081	0,305
CHR1	20732839	CHR1:20732839	SSF x LoA	-8,22153999	0,059	0,302
CHR1	20740748	CHR1:20740748	SSF x LoA	-9,28525841	0,083	0,307
CHR1	20740754	CHR1:20740754	SSF x LoA	-11,3035272	0,052	0,295
CHR1	20740879	CHR1:20740879	SSF x LoA	-9,83654159	-0,003	0,319
CHR1	20740902	CHR1:20740902	SSF x LoA	-9,42554716	-0,049	0,292
CHR1	20744006	CHR1:20744006	SSF x LoA	-7,48128539	-0,114	0,308
CHR1	20744008	CHR1:20744008	SSF x LoA	-9,61982338	-0,047	0,309
CHR1	20776517	CHR1:20776517	SSF x LoA	-10,5365613	-0,016	0,312
CHR1	20784270	CHR1:20784270	SSF x LoA	-10,1365918	0,084	0,305
CHR1	20794614	CHR1:20794614	SSF x LoA	-10,2908352	0,081	0,293
CHR1	20843321	CHR1:20843321	SSF x LoA	-9,10911644	0,025	0,294
CHR1	20858518	CHR1:20858518	SSF x LoA	-5,51595312	0,058	0,310
CHR1	20861715	CHR1:20861715	SSF x LoA	-9,58135697	0,005	0,307
CHR1	20867831	CHR1:20867831	SSF x LoA	-8,32257306	-0,124	0,316
CHR1	20895040	CHR1:20895040	SSF x LoA	-4,48803073	-0,175	0,308
CHR1	20895129	CHR1:20895129	SSF x LoA	-10,2816935	0,034	0,297
CHR1	20895141	CHR1:20895141	SSF x LoA	-9,70383257	0,003	0,305
CHR1	20895183	CHR1:20895183	SSF x LoA	-11,434665	0,026	0,302
CHR1	20895321	CHR1:20895321	SSF x LoA	-5,37667577	-0,002	0,308
CHR1	20921027	CHR1:20921027	SSF x LoA	-10,5800779	-0,068	0,289
CHR1	20967625	CHR1:20967625	SSF x LoA	-11,5812876	-0,041	0,303
CHR1	20970378	CHR1:20970378	SSF x LoA	-9,220238	0,006	0,293
CHR1	20970432	CHR1:20970432	SSF x LoA	-10,7675839	-0,081	0,320
CHR1	20970449	CHR1:20970449	SSF x LoA	-9,23592973	0,084	0,301
CHR1	20976864	CHR1:20976864	SSF x LoA	-8,70670552	-0,006	0,316

CHR1	20976967	CHR1:20976967	SSF x LoA	-8,17276873	0,050	0,303
CHR1	20977078	CHR1:20977078	SSF x LoA	-7,77494207	-0,011	0,313
CHR1	20977099	CHR1:20977099	SSF x LoA	-8,6363533	0,040	0,310
CHR1	20981652	CHR1:20981652	SSF x LoA	-11,590848	-0,048	0,306
CHR1	20981676	CHR1:20981676	SSF x LoA	-7,83490573	-0,068	0,308
CHR1	20981686	CHR1:20981686	SSF x LoA	-5,19592319	-0,032	0,319
CHR1	20986594	CHR1:20986594	SSF x LoA	-6,9696782	0,048	0,310
CHR1	20986613	CHR1:20986613	SSF x LoA	-9,01364525	-0,054	0,312
CHR1	20986645	CHR1:20986645	SSF x LoA	-9,78840147	-0,032	0,312
CHR1	21000105	CHR1:21000105	SSF x LoA	-10,149917	-0,116	0,303
CHR1	21000137	CHR1:21000137	SSF x LoA	-11,1756991	-0,019	0,309
CHR1	21000143	CHR1:21000143	SSF x LoA	-9,84324311	-0,021	0,309
CHR1	21009680	CHR1:21009680	SSF x LoA	-10,2454205	-0,023	0,307
CHR1	21009681	CHR1:21009681	SSF x LoA	-11,2571861	-0,024	0,293
CHR1	21009746	CHR1:21009746	SSF x LoA	-9,01872531	-0,070	0,307
CHR1	21009807	CHR1:21009807	SSF x LoA	-6,66285079	0,124	0,309
CHR1	21011335	CHR1:21011335	SSF x LoA	-11,5120989	-0,047	0,304
CHR1	21011982	CHR1:21011982	SSF x LoA	-8,14767217	0,025	0,306
CHR1	21029794	CHR1:21029794	SSF x LoA	-10,3752831	-0,136	0,297
CHR1	21029797	CHR1:21029797	SSF x LoA	-10,8408896	0,089	0,308
CHR1	21031037	CHR1:21031037	SSF x LoA	-9,38786594	-0,117	0,322
CHR1	2103227	CHR1:2103227	SSF x LoA	-9,26425741	0,103	0,308
CHR1	2103242	CHR1:2103242	SSF x LoA	-7,67325503	0,006	0,324
CHR1	2103274	CHR1:2103274	SSF x LoA	-9,9851707	0,159	0,293
CHR1	21034020	CHR1:21034020	SSF x LoA	-11,1075028	0,022	0,300
CHR1	21034023	CHR1:21034023	SSF x LoA	-8,84062054	0,075	0,297
CHR1	21040934	CHR1:21040934	SSF x LoA	-8,37264004	0,029	0,322
CHR1	21041843	CHR1:21041843	SSF x LoA	-7,93444672	0,076	0,327
CHR1	21044670	CHR1:21044670	SSF x LoA	-9,96077653	-0,049	0,305
CHR1	21048114	CHR1:21048114	SSF x LoA	-8,33732693	-0,103	0,327
CHR1	21050278	CHR1:21050278	SSF x LoA	-9,23430712	0,045	0,317
CHR1	21062356	CHR1:21062356	SSF x LoA	-10,2638875	-0,079	0,297
CHR1	21062393	CHR1:21062393	SSF x LoA	-9,87597733	0,029	0,313
CHR1	21062450	CHR1:21062450	SSF x LoA	-9,42381112	-0,021	0,320
CHR1	21062490	CHR1:21062490	SSF x LoA	-10,7081962	0,093	0,309
CHR1	21079738	CHR1:21079738	SSF x LoA	-9,77171947	0,087	0,307
CHR1	21079760	CHR1:21079760	SSF x LoA	-10,3501825	0,018	0,314
CHR1	21079776	CHR1:21079776	SSF x LoA	-10,2697968	0,006	0,311
CHR1	21079792	CHR1:21079792	SSF x LoA	-8,34495063	0,032	0,301
CHR1	21081183	CHR1:21081183	SSF x LoA	-10,2662097	0,094	0,303
CHR1	21081186	CHR1:21081186	SSF x LoA	-11,2276375	-0,051	0,285
CHR1	21081189	CHR1:21081189	SSF x LoA	-3,57691531	0,002	0,295
CHR1	2110936	CHR1:2110936	SSF x LoA	-3,72881149	0,059	0,312
CHR1	21116768	CHR1:21116768	SSF x LoA	-8,47944138	0,046	0,312
CHR1	21130859	CHR1:21130859	SSF x LoA	-9,78517612	-0,014	0,308
CHR1	21130865	CHR1:21130865	SSF x LoA	-8,27925131	0,057	0,306
CHR1	21130866	CHR1:21130866	SSF x LoA	-9,16265642	-0,027	0,309
CHR1	21130867	CHR1:21130867	SSF x LoA	-9,11269368	-0,025	0,304
CHR1	21130869	CHR1:21130869	SSF x LoA	-7,68404526	-0,029	0,319
CHR1	21131057	CHR1:21131057	SSF x LoA	-1,79100932	-0,166	0,301
CHR1	21131103	CHR1:21131103	SSF x LoA	-10,2852735	0,016	0,314
CHR1	21139403	CHR1:21139403	SSF x LoA	-8,22874784	-0,042	0,301
CHR1	21139561	CHR1:21139561	SSF x LoA	-5,85058486	0,132	0,296

CHR1	21139563	CHR1:21139563	SSF x LoA	-11,1528915	-0,090	0,307
CHR1	21146479	CHR1:21146479	SSF x LoA	-8,43307132	0,076	0,322
CHR1	21146535	CHR1:21146535	SSF x LoA	-9,40817058	0,039	0,308
CHR1	21147186	CHR1:21147186	SSF x LoA	-8,79474377	-0,027	0,305
CHR1	21147270	CHR1:21147270	SSF x LoA	-11,0844873	0,002	0,308
CHR1	21166124	CHR1:21166124	SSF x LoA	-9,2697085	0,001	0,318
CHR1	2119945	CHR1:2119945	SSF x LoA	-9,56040219	-0,026	0,320
CHR1	21200790	CHR1:21200790	SSF x LoA	-9,35057332	-0,025	0,294
CHR1	21202789	CHR1:21202789	SSF x LoA	-10,437423	0,037	0,301
CHR1	21202792	CHR1:21202792	SSF x LoA	-7,48034785	0,137	0,305
CHR1	21202847	CHR1:21202847	SSF x LoA	-4,12907912	-0,171	0,300
CHR1	21209615	CHR1:21209615	SSF x LoA	-10,5603306	-0,012	0,306
CHR1	21209719	CHR1:21209719	SSF x LoA	-11,0464783	-0,037	0,306
CHR1	21209729	CHR1:21209729	SSF x LoA	-8,93654558	0,025	0,306
CHR1	21209736	CHR1:21209736	SSF x LoA	-11,1137719	0,006	0,319
CHR1	21211127	CHR1:21211127	SSF x LoA	-10,4531022	-0,036	0,304
CHR1	21211129	CHR1:21211129	SSF x LoA	-8,47496866	0,082	0,306
CHR1	21233281	CHR1:21233281	SSF x LoA	-9,78559861	-0,022	0,312
CHR1	21237383	CHR1:21237383	SSF x LoA	-10,668684	-0,051	0,309
CHR1	21237384	CHR1:21237384	SSF x LoA	-4,88971858	-0,092	0,313
CHR1	21237627	CHR1:21237627	SSF x LoA	-9,94950967	0,083	0,307
CHR1	21237666	CHR1:21237666	SSF x LoA	-8,82111428	-0,043	0,327
CHR1	2129739	CHR1:2129739	SSF x LoA	-6,02809475	0,009	0,317
CHR1	2131566	CHR1:2131566	SSF x LoA	-6,37623178	0,142	0,311
CHR1	21321042	CHR1:21321042	SSF x LoA	-11,2976676	0,061	0,306
CHR1	21324917	CHR1:21324917	SSF x LoA	-9,56113848	-0,007	0,302
CHR1	21325759	CHR1:21325759	SSF x LoA	-11,9174421	-0,006	0,299
CHR1	21328206	CHR1:21328206	SSF x LoA	-9,35077589	-0,011	0,319
CHR1	21328420	CHR1:21328420	SSF x LoA	-8,46808696	0,163	0,293
CHR1	21328501	CHR1:21328501	SSF x LoA	-9,07110835	-0,040	0,301
CHR1	21334178	CHR1:21334178	SSF x LoA	-10,320792	-0,122	0,302
CHR1	21334224	CHR1:21334224	SSF x LoA	-7,05461598	0,103	0,294
CHR1	21336347	CHR1:21336347	SSF x LoA	-11,1156356	-0,077	0,293
CHR1	21336420	CHR1:21336420	SSF x LoA	-11,2240842	0,048	0,308
CHR1	2134272	CHR1:2134272	SSF x LoA	-11,6049171	0,062	0,307
CHR1	21346320	CHR1:21346320	SSF x LoA	-10,0286719	-0,118	0,307
CHR1	21346353	CHR1:21346353	SSF x LoA	-7,91172704	-0,137	0,299
CHR1	21388028	CHR1:21388028	SSF x LoA	-7,22018229	-0,167	0,294
CHR1	21420775	CHR1:21420775	SSF x LoA	-9,00446652	0,072	0,307
CHR1	21445242	CHR1:21445242	SSF x LoA	-7,78118004	-0,128	0,307
CHR1	21445501	CHR1:21445501	SSF x LoA	-10,6245843	0,005	0,302
CHR1	21455234	CHR1:21455234	SSF x LoA	-9,1059519	0,039	0,298
CHR1	2145586	CHR1:2145586	SSF x LoA	-10,4383313	0,055	0,315
CHR1	2145632	CHR1:2145632	SSF x LoA	-8,76592427	-0,083	0,307
CHR1	2145785	CHR1:2145785	SSF x LoA	-9,80385344	0,096	0,301
CHR1	21480731	CHR1:21480731	SSF x LoA	-8,88482029	-0,012	0,319
CHR1	21489892	CHR1:21489892	SSF x LoA	-9,70029052	-0,011	0,313
CHR1	2149032	CHR1:2149032	SSF x LoA	-3,13144622	0,099	0,315
CHR1	2149073	CHR1:2149073	SSF x LoA	-11,3407871	-0,063	0,303
CHR1	2149151	CHR1:2149151	SSF x LoA	-10,166489	0,011	0,291
CHR1	2149226	CHR1:2149226	SSF x LoA	-9,47122197	-0,014	0,292
CHR1	2149233	CHR1:2149233	SSF x LoA	-9,33829092	-0,068	0,302
CHR1	2149288	CHR1:2149288	SSF x LoA	-10,4812065	-0,086	0,308

CHR1	21517433	CHR1:21517433	SSF x LoA	-7,90605643	-0,063	0,293
CHR1	21517502	CHR1:21517502	SSF x LoA	-11,4531746	-0,056	0,308
CHR1	21523472	CHR1:21523472	SSF x LoA	-11,1960434	0,058	0,319
CHR1	21523610	CHR1:21523610	SSF x LoA	-9,26842728	0,041	0,299
CHR1	21527906	CHR1:21527906	SSF x LoA	-11,383849	-0,002	0,307
CHR1	21527970	CHR1:21527970	SSF x LoA	-9,69740311	-0,028	0,314
CHR1	21544369	CHR1:21544369	SSF x LoA	-10,0961355	0,040	0,306
CHR1	21544393	CHR1:21544393	SSF x LoA	-11,3427126	-0,002	0,306
CHR1	21549597	CHR1:21549597	SSF x LoA	-9,71676367	0,041	0,319
CHR1	21549665	CHR1:21549665	SSF x LoA	-12,0602352	-0,036	0,301
CHR1	21549678	CHR1:21549678	SSF x LoA	-10,3960774	0,065	0,317
CHR1	21549704	CHR1:21549704	SSF x LoA	-8,96030783	0,126	0,304
CHR1	21549763	CHR1:21549763	SSF x LoA	-11,2128239	0,018	0,322
CHR1	2155234	CHR1:2155234	SSF x LoA	-9,92159869	0,085	0,304
CHR1	2155440	CHR1:2155440	SSF x LoA	-11,1684943	-0,041	0,303
CHR1	21560948	CHR1:21560948	SSF x LoA	-7,60002905	0,183	0,297
CHR1	21561062	CHR1:21561062	SSF x LoA	-6,93995682	0,089	0,313
CHR1	21561084	CHR1:21561084	SSF x LoA	-7,57361559	0,127	0,304
CHR1	21561097	CHR1:21561097	SSF x LoA	-7,32229052	-0,082	0,317
CHR1	21575130	CHR1:21575130	SSF x LoA	-9,45012638	0,077	0,298
CHR1	21577884	CHR1:21577884	SSF x LoA	-10,1852234	-0,027	0,299
CHR1	21577967	CHR1:21577967	SSF x LoA	-9,16600171	-0,027	0,323
CHR1	21591687	CHR1:21591687	SSF x LoA	-9,57840115	-0,055	0,311
CHR1	21591704	CHR1:21591704	SSF x LoA	-8,66641528	0,081	0,304
CHR1	21591725	CHR1:21591725	SSF x LoA	-8,41664238	0,121	0,291
CHR1	21591812	CHR1:21591812	SSF x LoA	-7,63798994	-0,072	0,309
CHR1	21591896	CHR1:21591896	SSF x LoA	-9,63091322	-0,054	0,303
CHR1	21591906	CHR1:21591906	SSF x LoA	-11,8857662	-0,074	0,308
CHR1	21591908	CHR1:21591908	SSF x LoA	-7,68918679	-0,058	0,298
CHR1	21591909	CHR1:21591909	SSF x LoA	-11,7112529	-0,059	0,311
CHR1	21591910	CHR1:21591910	SSF x LoA	-11,4098178	-0,062	0,304
CHR1	21591913	CHR1:21591913	SSF x LoA	-10,3271614	-0,081	0,318
CHR1	21591914	CHR1:21591914	SSF x LoA	-10,111018	-0,041	0,318
CHR1	21596097	CHR1:21596097	SSF x LoA	-8,49823431	-0,067	0,308
CHR1	21596120	CHR1:21596120	SSF x LoA	-10,4510817	0,098	0,310
CHR1	21596150	CHR1:21596150	SSF x LoA	-10,7244977	0,031	0,303
CHR1	21596178	CHR1:21596178	SSF x LoA	-8,00811842	-0,080	0,314
CHR1	21596179	CHR1:21596179	SSF x LoA	-8,26054242	-0,048	0,314
CHR1	21596191	CHR1:21596191	SSF x LoA	-5,89764442	-0,110	0,297
CHR1	21596265	CHR1:21596265	SSF x LoA	-10,1992483	0,000	0,309
CHR1	21609407	CHR1:21609407	SSF x LoA	-10,4521418	0,039	0,302
CHR1	21609474	CHR1:21609474	SSF x LoA	-10,9876416	-0,089	0,312
CHR1	21609500	CHR1:21609500	SSF x LoA	-8,369634	0,085	0,299
CHR1	21609525	CHR1:21609525	SSF x LoA	-8,41521649	0,056	0,319
CHR1	21609528	CHR1:21609528	SSF x LoA	-8,51406221	0,042	0,316
CHR1	21609538	CHR1:21609538	SSF x LoA	-7,03849417	0,106	0,307
CHR1	21609541	CHR1:21609541	SSF x LoA	-8,52502205	0,080	0,308
CHR1	21609544	CHR1:21609544	SSF x LoA	-8,57146555	0,071	0,310
CHR1	21609554	CHR1:21609554	SSF x LoA	-7,67891649	0,075	0,306
CHR1	21611565	CHR1:21611565	SSF x LoA	-9,61591281	0,095	0,306
CHR1	21621931	CHR1:21621931	SSF x LoA	-11,1712869	-0,049	0,303
CHR1	21622110	CHR1:21622110	SSF x LoA	-8,09662977	-0,097	0,307
CHR1	21622117	CHR1:21622117	SSF x LoA	-9,60522297	-0,048	0,304

CHR1	21622156	CHR1:21622156	SSF x LoA	-8,33283849	-0,121	0,315
CHR1	21622198	CHR1:21622198	SSF x LoA	-8,62762692	-0,015	0,300
CHR1	21645007	CHR1:21645007	SSF x LoA	-11,1749658	-0,118	0,295
CHR1	21645320	CHR1:21645320	SSF x LoA	-9,57735446	-0,041	0,306
CHR1	2164824	CHR1:2164824	SSF x LoA	-12,0717456	-0,043	0,302
CHR1	2164825	CHR1:2164825	SSF x LoA	-9,06110302	-0,006	0,312
CHR1	2164907	CHR1:2164907	SSF x LoA	-9,65852524	0,011	0,308
CHR1	21652709	CHR1:21652709	SSF x LoA	-9,91757083	-0,038	0,315
CHR1	21652800	CHR1:21652800	SSF x LoA	-9,17077758	0,109	0,313
CHR1	21654649	CHR1:21654649	SSF x LoA	-9,89657091	0,068	0,297
CHR1	21654654	CHR1:21654654	SSF x LoA	-9,82366659	0,010	0,309
CHR1	21654697	CHR1:21654697	SSF x LoA	-8,96444034	-0,060	0,292
CHR1	21654700	CHR1:21654700	SSF x LoA	-10,8057975	-0,008	0,314
CHR1	21675953	CHR1:21675953	SSF x LoA	-4,26932229	-0,136	0,295
CHR1	21678852	CHR1:21678852	SSF x LoA	-11,2547528	-0,062	0,314
CHR1	21679114	CHR1:21679114	SSF x LoA	-9,2803342	0,050	0,313
CHR1	2169438	CHR1:2169438	SSF x LoA	-5,62619796	0,044	0,304
CHR1	2169923	CHR1:2169923	SSF x LoA	-7,08968146	-0,117	0,318
CHR1	21708850	CHR1:21708850	SSF x LoA	-9,15728347	0,041	0,304
CHR1	2171714	CHR1:2171714	SSF x LoA	-9,7377398	-0,034	0,313
CHR1	21720185	CHR1:21720185	SSF x LoA	-7,91155533	0,032	0,315
CHR1	21720222	CHR1:21720222	SSF x LoA	-8,30108705	-0,027	0,305
CHR1	21720229	CHR1:21720229	SSF x LoA	-9,42146501	0,053	0,319
CHR1	21720250	CHR1:21720250	SSF x LoA	-8,95795439	0,037	0,314
CHR1	21720309	CHR1:21720309	SSF x LoA	-10,5840237	0,045	0,308
CHR1	21720354	CHR1:21720354	SSF x LoA	-9,15670555	0,020	0,292
CHR1	21728715	CHR1:21728715	SSF x LoA	-9,11635971	-0,057	0,302
CHR1	21732885	CHR1:21732885	SSF x LoA	-9,68442219	-0,061	0,304
CHR1	21732922	CHR1:21732922	SSF x LoA	-7,86919231	-0,076	0,316
CHR1	21737556	CHR1:21737556	SSF x LoA	-7,73174053	-0,007	0,317
CHR1	21737727	CHR1:21737727	SSF x LoA	-4,58209016	0,130	0,313
CHR1	21737760	CHR1:21737760	SSF x LoA	-8,8256395	-0,066	0,314
CHR1	21737792	CHR1:21737792	SSF x LoA	-9,96664192	-0,088	0,304
CHR1	21737793	CHR1:21737793	SSF x LoA	-9,92954192	0,004	0,311
CHR1	21740658	CHR1:21740658	SSF x LoA	-8,78788283	-0,089	0,311
CHR1	21741882	CHR1:21741882	SSF x LoA	-10,5409039	-0,005	0,306
CHR1	21741885	CHR1:21741885	SSF x LoA	-11,368871	-0,025	0,307
CHR1	21758510	CHR1:21758510	SSF x LoA	6,41061201	-0,087	0,303
CHR1	21758553	CHR1:21758553	SSF x LoA	-8,83888362	0,080	0,305
CHR1	21758749	CHR1:21758749	SSF x LoA	-10,1728468	0,113	0,302
CHR1	21766729	CHR1:21766729	SSF x LoA	-9,39269613	0,029	0,312
CHR1	21766967	CHR1:21766967	SSF x LoA	-9,14539854	-0,008	0,303
CHR1	21768518	CHR1:21768518	SSF x LoA	-6,6484832	-0,138	0,299
CHR1	21768552	CHR1:21768552	SSF x LoA	-8,90703647	0,093	0,304
CHR1	21784531	CHR1:21784531	SSF x LoA	-5,37001586	-0,107	0,317
CHR1	21784716	CHR1:21784716	SSF x LoA	-7,6302287	0,194	0,303
CHR1	21785317	CHR1:21785317	SSF x LoA	-9,03800376	0,001	0,308
CHR1	21791423	CHR1:21791423	SSF x LoA	2,37504919	-0,033	0,310
CHR1	21792231	CHR1:21792231	SSF x LoA	-9,03548624	-0,015	0,313
CHR1	21792429	CHR1:21792429	SSF x LoA	-10,1556986	0,052	0,303
CHR1	21799881	CHR1:21799881	SSF x LoA	-11,183235	-0,071	0,295
CHR1	21799910	CHR1:21799910	SSF x LoA	-8,00064301	0,062	0,312
CHR1	21800180	CHR1:21800180	SSF x LoA	-12,3196156	-0,014	0,299

CHR1	21806961	CHR1:21806961	SSF x LoA	-8,78814273	0,088	0,317
CHR1	21807039	CHR1:21807039	SSF x LoA	-10,1601299	0,017	0,294
CHR1	21807111	CHR1:21807111	SSF x LoA	-4,5339405	0,153	0,304
CHR1	21807152	CHR1:21807152	SSF x LoA	-7,69000589	-0,150	0,314
CHR1	21808918	CHR1:21808918	SSF x LoA	-8,1559852	0,090	0,301
CHR1	21808971	CHR1:21808971	SSF x LoA	-6,83393538	-0,135	0,303
CHR1	21808989	CHR1:21808989	SSF x LoA	-9,62331134	-0,150	0,303
CHR1	21809012	CHR1:21809012	SSF x LoA	-8,16808117	0,102	0,293
CHR1	2181292	CHR1:2181292	SSF x LoA	-10,5718292	-0,027	0,307
CHR1	21826221	CHR1:21826221	SSF x LoA	-9,6454582	-0,058	0,308
CHR1	21836996	CHR1:21836996	SSF x LoA	-10,6426465	0,099	0,304
CHR1	21837020	CHR1:21837020	SSF x LoA	-3,35402019	-0,148	0,312
CHR1	21837081	CHR1:21837081	SSF x LoA	-10,690504	0,002	0,297
CHR1	21837123	CHR1:21837123	SSF x LoA	-9,75295261	-0,098	0,309
CHR1	21837144	CHR1:21837144	SSF x LoA	-9,94282295	-0,040	0,302
CHR1	21846595	CHR1:21846595	SSF x LoA	-6,86355651	0,108	0,297
CHR1	21846659	CHR1:21846659	SSF x LoA	-10,1444769	0,033	0,316
CHR1	21849255	CHR1:21849255	SSF x LoA	-9,91376168	0,076	0,303
CHR1	21851453	CHR1:21851453	SSF x LoA	-11,040393	0,038	0,307
CHR1	21851457	CHR1:21851457	SSF x LoA	-12,2776568	0,041	0,301
CHR1	21851558	CHR1:21851558	SSF x LoA	-11,5391087	0,027	0,302
CHR1	21858293	CHR1:21858293	SSF x LoA	-3,93849547	-0,009	0,310
CHR1	21858295	CHR1:21858295	SSF x LoA	-9,33539658	0,112	0,319
CHR1	21858322	CHR1:21858322	SSF x LoA	-10,1723568	-0,010	0,314
CHR1	21858331	CHR1:21858331	SSF x LoA	-9,58506174	-0,095	0,314
CHR1	21858484	CHR1:21858484	SSF x LoA	-9,62089262	0,001	0,298
CHR1	21859527	CHR1:21859527	SSF x LoA	-11,0337488	0,013	0,297
CHR1	21859556	CHR1:21859556	SSF x LoA	-10,7063956	-0,032	0,320
CHR1	21859590	CHR1:21859590	SSF x LoA	-8,53396193	0,054	0,304
CHR1	21859612	CHR1:21859612	SSF x LoA	-10,4469351	-0,030	0,307
CHR1	21859793	CHR1:21859793	SSF x LoA	-8,9745498	0,039	0,288
CHR1	21871777	CHR1:21871777	SSF x LoA	-6,4491311	0,116	0,301
CHR1	21871824	CHR1:21871824	SSF x LoA	-9,31509728	-0,075	0,328
CHR1	21873701	CHR1:21873701	SSF x LoA	-7,90945913	0,008	0,301
CHR1	21873761	CHR1:21873761	SSF x LoA	-9,46803529	-0,063	0,308
CHR1	21873792	CHR1:21873792	SSF x LoA	-9,30618604	-0,033	0,303
CHR1	21882121	CHR1:21882121	SSF x LoA	-11,1626371	0,049	0,294
CHR1	21892554	CHR1:21892554	SSF x LoA	-10,9477859	-0,115	0,302
CHR1	21892604	CHR1:21892604	SSF x LoA	-8,09322454	0,134	0,291
CHR1	2189644	CHR1:2189644	SSF x LoA	-9,83125968	0,023	0,297
CHR1	21898118	CHR1:21898118	SSF x LoA	-10,765859	-0,079	0,306
CHR1	21898124	CHR1:21898124	SSF x LoA	-8,06377045	-0,013	0,301
CHR1	21898163	CHR1:21898163	SSF x LoA	-8,71221837	0,031	0,288
CHR1	2189824	CHR1:2189824	SSF x LoA	-10,8631416	0,108	0,300
CHR1	21898247	CHR1:21898247	SSF x LoA	-10,6316037	-0,089	0,290
CHR1	2189918	CHR1:2189918	SSF x LoA	-7,01571687	0,126	0,315
CHR1	21900484	CHR1:21900484	SSF x LoA	-10,5598757	-0,005	0,287
CHR1	21900524	CHR1:21900524	SSF x LoA	-8,67305147	0,063	0,304
CHR1	21900549	CHR1:21900549	SSF x LoA	-10,8852717	-0,002	0,311
CHR1	21900582	CHR1:21900582	SSF x LoA	-8,10396851	-0,059	0,312
CHR1	21900591	CHR1:21900591	SSF x LoA	-9,25787489	-0,026	0,305
CHR1	21900658	CHR1:21900658	SSF x LoA	-8,41129101	0,071	0,303
CHR1	21900756	CHR1:21900756	SSF x LoA	-9,92787258	0,020	0,303

CHR1	21901683	CHR1:21901683	SSF x LoA	-8,72981731	0,067	0,320
CHR1	21901702	CHR1:21901702	SSF x LoA	-7,1418325	0,127	0,294
CHR1	21901704	CHR1:21901704	SSF x LoA	-9,35917906	-0,075	0,301
CHR1	21901723	CHR1:21901723	SSF x LoA	-8,37046035	-0,119	0,300
CHR1	21901724	CHR1:21901724	SSF x LoA	-7,9176571	-0,112	0,301
CHR1	21901816	CHR1:21901816	SSF x LoA	-7,39471329	-0,106	0,305
CHR1	21901825	CHR1:21901825	SSF x LoA	-9,90628447	-0,017	0,295
CHR1	21901838	CHR1:21901838	SSF x LoA	-8,89045691	-0,006	0,297
CHR1	21901841	CHR1:21901841	SSF x LoA	-7,53820875	-0,140	0,305
CHR1	21901885	CHR1:21901885	SSF x LoA	-10,2309819	0,004	0,320
CHR1	21901894	CHR1:21901894	SSF x LoA	-10,539141	0,018	0,297
CHR1	21916616	CHR1:21916616	SSF x LoA	-8,78661683	0,038	0,301
CHR1	21916708	CHR1:21916708	SSF x LoA	-6,82548726	-0,117	0,312
CHR1	21916717	CHR1:21916717	SSF x LoA	-7,39142448	-0,137	0,308
CHR1	21916740	CHR1:21916740	SSF x LoA	-10,9677029	-0,100	0,309
CHR1	21916742	CHR1:21916742	SSF x LoA	-10,2059344	-0,103	0,321
CHR1	21916770	CHR1:21916770	SSF x LoA	-9,54750605	0,084	0,298
CHR1	21916777	CHR1:21916777	SSF x LoA	-9,25837595	0,096	0,300
CHR1	21916826	CHR1:21916826	SSF x LoA	-7,15376373	-0,107	0,312
CHR1	21919658	CHR1:21919658	SSF x LoA	-9,16392508	-0,128	0,280
CHR1	21928422	CHR1:21928422	SSF x LoA	-6,65025177	0,143	0,300
CHR1	21928543	CHR1:21928543	SSF x LoA	-9,94659195	0,027	0,299
CHR1	21939107	CHR1:21939107	SSF x LoA	-10,1929253	0,019	0,308
CHR1	21939251	CHR1:21939251	SSF x LoA	-10,0550167	0,045	0,311
CHR1	21939334	CHR1:21939334	SSF x LoA	-8,37480298	-0,059	0,309
CHR1	21945887	CHR1:21945887	SSF x LoA	-8,86495681	0,066	0,313
CHR1	21952762	CHR1:21952762	SSF x LoA	-11,7992921	-0,042	0,314
CHR1	21952782	CHR1:21952782	SSF x LoA	-9,76471024	0,104	0,310
CHR1	21952795	CHR1:21952795	SSF x LoA	-9,63761296	-0,090	0,295
CHR1	21953036	CHR1:21953036	SSF x LoA	-4,81245871	-0,007	0,315
CHR1	21955041	CHR1:21955041	SSF x LoA	-9,21748313	-0,057	0,306
CHR1	21955044	CHR1:21955044	SSF x LoA	-9,08232601	0,058	0,294
CHR1	21955068	CHR1:21955068	SSF x LoA	-8,43829257	-0,031	0,317
CHR1	21955970	CHR1:21955970	SSF x LoA	-8,99995735	0,011	0,299
CHR1	21955995	CHR1:21955995	SSF x LoA	-8,01549244	0,097	0,313
CHR1	21956012	CHR1:21956012	SSF x LoA	-7,29993573	-0,112	0,314
CHR1	21960943	CHR1:21960943	SSF x LoA	-10,4539025	-0,140	0,298
CHR1	21970303	CHR1:21970303	SSF x LoA	-8,64592247	0,054	0,314
CHR1	21970346	CHR1:21970346	SSF x LoA	-9,27588439	0,036	0,300
CHR1	21970542	CHR1:21970542	SSF x LoA	-9,96313483	0,142	0,307
CHR1	21970550	CHR1:21970550	SSF x LoA	-10,3351574	-0,078	0,310
CHR1	21981218	CHR1:21981218	SSF x LoA	-8,02562066	0,094	0,312
CHR1	21981251	CHR1:21981251	SSF x LoA	2,83322863	-0,227	0,290
CHR1	21981349	CHR1:21981349	SSF x LoA	-8,35998645	0,049	0,307
CHR1	21981429	CHR1:21981429	SSF x LoA	-7,19168967	0,022	0,307
CHR1	21988674	CHR1:21988674	SSF x LoA	-3,24798287	-0,104	0,296
CHR1	21998268	CHR1:21998268	SSF x LoA	-10,6039947	0,035	0,302
CHR1	21998332	CHR1:21998332	SSF x LoA	-9,61956904	0,050	0,314
CHR1	21998359	CHR1:21998359	SSF x LoA	-6,20591165	-0,032	0,321
CHR1	21999610	CHR1:21999610	SSF x LoA	-10,6703178	0,034	0,304
CHR1	22003320	CHR1:22003320	SSF x LoA	-9,38241468	0,010	0,301
CHR1	22003326	CHR1:22003326	SSF x LoA	-9,36009024	-0,011	0,295
CHR1	22003355	CHR1:22003355	SSF x LoA	-11,7698817	0,032	0,307

CHR1	22003517	CHR1:22003517	SSF x LoA	-9,84537288	-0,062	0,304
CHR1	22013650	CHR1:22013650	SSF x LoA	-10,7602034	0,042	0,306
CHR1	22013704	CHR1:22013704	SSF x LoA	-9,25550583	-0,066	0,306
CHR1	22013802	CHR1:22013802	SSF x LoA	-9,53615523	-0,035	0,309
CHR1	22017083	CHR1:22017083	SSF x LoA	-10,7565924	0,102	0,295
CHR1	22053185	CHR1:22053185	SSF x LoA	-3,96639164	-0,037	0,307
CHR1	22064353	CHR1:22064353	SSF x LoA	-9,36137875	-0,061	0,313
CHR1	22064362	CHR1:22064362	SSF x LoA	-10,6745467	0,042	0,287
CHR1	22066540	CHR1:22066540	SSF x LoA	-9,95721755	0,003	0,308
CHR1	22066613	CHR1:22066613	SSF x LoA	-11,5405337	0,045	0,297
CHR1	22066618	CHR1:22066618	SSF x LoA	-11,5975806	0,060	0,304
CHR1	22066622	CHR1:22066622	SSF x LoA	-7,48120526	0,019	0,310
CHR1	22072223	CHR1:22072223	SSF x LoA	-9,4989045	-0,014	0,310
CHR1	22072357	CHR1:22072357	SSF x LoA	-8,25208824	-0,070	0,305
CHR1	22075161	CHR1:22075161	SSF x LoA	-9,8935768	0,090	0,310
CHR1	22078731	CHR1:22078731	SSF x LoA	-9,31418865	0,015	0,306
CHR1	22078732	CHR1:22078732	SSF x LoA	-9,84851501	-0,028	0,305
CHR1	22078949	CHR1:22078949	SSF x LoA	-10,0556504	0,067	0,305
CHR1	22081388	CHR1:22081388	SSF x LoA	-10,2398895	-0,091	0,303
CHR1	22082805	CHR1:22082805	SSF x LoA	-9,35701251	0,049	0,310
CHR1	22082877	CHR1:22082877	SSF x LoA	-7,52689102	-0,101	0,311
CHR1	22082878	CHR1:22082878	SSF x LoA	-10,1238367	-0,039	0,310
CHR1	22083133	CHR1:22083133	SSF x LoA	-10,4472512	0,009	0,313
CHR1	22109731	CHR1:22109731	SSF x LoA	-11,4279289	-0,032	0,310
CHR1	22114480	CHR1:22114480	SSF x LoA	-8,18550435	-0,074	0,293
CHR1	22116197	CHR1:22116197	SSF x LoA	-10,7043333	-0,061	0,308
CHR1	22124049	CHR1:22124049	SSF x LoA	-8,08669754	0,117	0,303
CHR1	22124101	CHR1:22124101	SSF x LoA	-8,56071517	0,091	0,316
CHR1	22124310	CHR1:22124310	SSF x LoA	-8,97168492	0,040	0,307
CHR1	22130244	CHR1:22130244	SSF x LoA	-6,75367738	0,131	0,313
CHR1	22130269	CHR1:22130269	SSF x LoA	-5,50351103	0,156	0,314
CHR1	22130452	CHR1:22130452	SSF x LoA	-1,80084833	-0,205	0,296
CHR1	22130513	CHR1:22130513	SSF x LoA	-7,4773616	0,191	0,301
CHR1	22134987	CHR1:22134987	SSF x LoA	-10,7223016	0,067	0,308
CHR1	22135014	CHR1:22135014	SSF x LoA	-9,07991889	0,026	0,311
CHR1	22135069	CHR1:22135069	SSF x LoA	-4,90502756	-0,141	0,317
CHR1	22135105	CHR1:22135105	SSF x LoA	-8,55104009	-0,077	0,309
CHR1	22135115	CHR1:22135115	SSF x LoA	-5,30886773	-0,127	0,304
CHR1	2214030	CHR1:2214030	SSF x LoA	-10,0413169	0,055	0,301
CHR1	22154369	CHR1:22154369	SSF x LoA	-8,80458573	0,094	0,305
CHR1	22155443	CHR1:22155443	SSF x LoA	-4,08729849	0,229	0,302
CHR1	22155563	CHR1:22155563	SSF x LoA	-9,19112431	0,082	0,302
CHR1	22155658	CHR1:22155658	SSF x LoA	-9,41291558	0,056	0,306
CHR1	22155664	CHR1:22155664	SSF x LoA	-10,1005265	0,057	0,304
CHR1	22160053	CHR1:22160053	SSF x LoA	-10,0508205	0,058	0,300
CHR1	2216081	CHR1:2216081	SSF x LoA	-6,92298984	0,001	0,313
CHR1	2216082	CHR1:2216082	SSF x LoA	-4,98824193	-0,015	0,311
CHR1	2216117	CHR1:2216117	SSF x LoA	-6,19886233	0,160	0,309
CHR1	22174612	CHR1:22174612	SSF x LoA	-11,2295837	0,045	0,302
CHR1	22174676	CHR1:22174676	SSF x LoA	-8,90515799	0,020	0,298
CHR1	22174702	CHR1:22174702	SSF x LoA	-7,55445949	-0,077	0,302
CHR1	22174706	CHR1:22174706	SSF x LoA	-11,0719752	-0,028	0,306
CHR1	22174725	CHR1:22174725	SSF x LoA	-8,33334921	-0,076	0,303

CHR1	2218062	CHR1:2218062	SSF x LoA	-7,47892195	0,065	0,303
CHR1	22192196	CHR1:22192196	SSF x LoA	-9,55329108	-0,068	0,304
CHR1	22192204	CHR1:22192204	SSF x LoA	-8,48732312	-0,005	0,318
CHR1	22192328	CHR1:22192328	SSF x LoA	-11,2689804	-0,090	0,298
CHR1	22194431	CHR1:22194431	SSF x LoA	-3,8825773	0,044	0,299
CHR1	22221519	CHR1:22221519	SSF x LoA	-10,1481745	0,033	0,298
CHR1	22235441	CHR1:22235441	SSF x LoA	-9,65828536	-0,164	0,302
CHR1	22238154	CHR1:22238154	SSF x LoA	-8,69042947	0,007	0,300
CHR1	22238197	CHR1:22238197	SSF x LoA	-8,78492882	-0,090	0,301
CHR1	22238248	CHR1:22238248	SSF x LoA	-8,33174603	0,049	0,302
CHR1	22238383	CHR1:22238383	SSF x LoA	-8,87471978	-0,009	0,305
CHR1	22238411	CHR1:22238411	SSF x LoA	-8,17025448	0,041	0,317
CHR1	22240276	CHR1:22240276	SSF x LoA	-6,86104228	-0,091	0,325
CHR1	22240321	CHR1:22240321	SSF x LoA	-10,5949917	-0,031	0,302
CHR1	22247950	CHR1:22247950	SSF x LoA	-9,63537181	0,065	0,302
CHR1	22249038	CHR1:22249038	SSF x LoA	-10,2324848	-0,034	0,301
CHR1	22249047	CHR1:22249047	SSF x LoA	-9,35625846	-0,002	0,302
CHR1	22250578	CHR1:22250578	SSF x LoA	-11,9974713	0,034	0,307
CHR1	22250735	CHR1:22250735	SSF x LoA	-9,63815837	-0,027	0,318
CHR1	22251626	CHR1:22251626	SSF x LoA	-10,6994154	-0,104	0,298
CHR1	22251631	CHR1:22251631	SSF x LoA	-9,80746152	-0,089	0,315
CHR1	22251659	CHR1:22251659	SSF x LoA	-6,94817164	0,090	0,308
CHR1	22252398	CHR1:22252398	SSF x LoA	-8,27747387	0,013	0,312
CHR1	22252401	CHR1:22252401	SSF x LoA	-10,07969	0,022	0,311
CHR1	22252438	CHR1:22252438	SSF x LoA	-9,39906395	0,077	0,315
CHR1	22255495	CHR1:22255495	SSF x LoA	-8,24813544	-0,050	0,310
CHR1	22255557	CHR1:22255557	SSF x LoA	-8,44140636	0,121	0,309
CHR1	22256716	CHR1:22256716	SSF x LoA	-8,86345279	-0,108	0,317
CHR1	22256718	CHR1:22256718	SSF x LoA	-8,66630562	-0,046	0,303
CHR1	22256747	CHR1:22256747	SSF x LoA	-7,2638084	-0,118	0,297
CHR1	22256773	CHR1:22256773	SSF x LoA	-8,00640208	-0,082	0,309
CHR1	22256776	CHR1:22256776	SSF x LoA	-9,22699447	-0,025	0,313
CHR1	22260061	CHR1:22260061	SSF x LoA	-9,87960732	0,035	0,308
CHR1	22260133	CHR1:22260133	SSF x LoA	-10,777082	-0,070	0,310
CHR1	22262239	CHR1:22262239	SSF x LoA	-8,91720316	0,038	0,290
CHR1	22262245	CHR1:22262245	SSF x LoA	-10,1016469	0,046	0,314
CHR1	22262254	CHR1:22262254	SSF x LoA	-8,80139844	0,084	0,286
CHR1	22262275	CHR1:22262275	SSF x LoA	-7,44574499	-0,029	0,313
CHR1	22262289	CHR1:22262289	SSF x LoA	-8,99235547	0,042	0,302
CHR1	22262297	CHR1:22262297	SSF x LoA	-8,38739617	0,060	0,316
CHR1	22262301	CHR1:22262301	SSF x LoA	-9,22364114	-0,089	0,302
CHR1	2226535	CHR1:2226535	SSF x LoA	-12,1418179	0,036	0,294
CHR1	2226652	CHR1:2226652	SSF x LoA	-11,7390879	-0,022	0,308
CHR1	2226653	CHR1:2226653	SSF x LoA	-10,434896	-0,013	0,311
CHR1	2226861	CHR1:2226861	SSF x LoA	-8,94741335	0,147	0,302
CHR1	22272091	CHR1:22272091	SSF x LoA	-7,73130221	0,107	0,308
CHR1	22272123	CHR1:22272123	SSF x LoA	-8,9721154	0,019	0,305
CHR1	22272128	CHR1:22272128	SSF x LoA	-9,43965807	0,009	0,300
CHR1	22272144	CHR1:22272144	SSF x LoA	-5,51525466	-0,119	0,306
CHR1	22285923	CHR1:22285923	SSF x LoA	-8,8117876	0,142	0,309
CHR1	22297800	CHR1:22297800	SSF x LoA	-8,08423139	-0,138	0,289
CHR1	22298108	CHR1:22298108	SSF x LoA	-7,9983515	-0,006	0,315
CHR1	22307898	CHR1:22307898	SSF x LoA	-7,90571732	-0,025	0,316

CHR1	2230832	CHR1:2230832	SSF x LoA	-8,2164205	0,034	0,303
CHR1	22308336	CHR1:22308336	SSF x LoA	-10,6905624	0,030	0,314
CHR1	2230853	CHR1:2230853	SSF x LoA	-8,08150409	-0,049	0,300
CHR1	2230865	CHR1:2230865	SSF x LoA	-7,37135304	-0,013	0,298
CHR1	2230915	CHR1:2230915	SSF x LoA	-9,19398948	0,013	0,309
CHR1	22311535	CHR1:22311535	SSF x LoA	-11,0928513	0,042	0,298
CHR1	22311696	CHR1:22311696	SSF x LoA	-8,98790587	-0,028	0,327
CHR1	22311725	CHR1:22311725	SSF x LoA	-8,27260062	0,029	0,301
CHR1	22313913	CHR1:22313913	SSF x LoA	-9,32477868	0,009	0,305
CHR1	22321327	CHR1:22321327	SSF x LoA	-10,8785688	0,084	0,313
CHR1	22321436	CHR1:22321436	SSF x LoA	-9,96321156	-0,090	0,311
CHR1	22335530	CHR1:22335530	SSF x LoA	-8,29145255	0,203	0,295
CHR1	22335597	CHR1:22335597	SSF x LoA	0,64367989	0,249	0,287
CHR1	22335641	CHR1:22335641	SSF x LoA	12,09969	0,191	0,299
CHR1	22335647	CHR1:22335647	SSF x LoA	-8,54622735	0,104	0,307
CHR1	22335677	CHR1:22335677	SSF x LoA	-8,09914502	0,180	0,303
CHR1	22335767	CHR1:22335767	SSF x LoA	-9,19813628	-0,094	0,310
CHR1	22354295	CHR1:22354295	SSF x LoA	-9,06933119	0,092	0,298
CHR1	22354319	CHR1:22354319	SSF x LoA	-9,49435039	-0,026	0,308
CHR1	22354382	CHR1:22354382	SSF x LoA	-10,9271031	0,047	0,294
CHR1	22354395	CHR1:22354395	SSF x LoA	-7,17028545	-0,058	0,296
CHR1	22354396	CHR1:22354396	SSF x LoA	-5,97856176	0,155	0,304
CHR1	22354477	CHR1:22354477	SSF x LoA	-8,03865246	0,124	0,309
CHR1	22359639	CHR1:22359639	SSF x LoA	-7,69110044	-0,070	0,295
CHR1	22362314	CHR1:22362314	SSF x LoA	-10,2436783	0,073	0,306
CHR1	22362667	CHR1:22362667	SSF x LoA	-7,88063243	-0,159	0,290
CHR1	22362774	CHR1:22362774	SSF x LoA	-9,02103872	0,065	0,303
CHR1	22364478	CHR1:22364478	SSF x LoA	-8,65827537	-0,079	0,304
CHR1	22367486	CHR1:22367486	SSF x LoA	-5,27689545	-0,059	0,315
CHR1	22374697	CHR1:22374697	SSF x LoA	-11,0041368	0,036	0,317
CHR1	22374736	CHR1:22374736	SSF x LoA	-9,40857181	0,008	0,296
CHR1	22374798	CHR1:22374798	SSF x LoA	-8,74826856	-0,056	0,309
CHR1	22374799	CHR1:22374799	SSF x LoA	-11,0592728	-0,028	0,315
CHR1	2238709	CHR1:2238709	SSF x LoA	-6,96347597	0,132	0,301
CHR1	2238807	CHR1:2238807	SSF x LoA	-8,34469651	0,029	0,306
CHR1	22388418	CHR1:22388418	SSF x LoA	-8,88003372	-0,119	0,317
CHR1	22389636	CHR1:22389636	SSF x LoA	-9,21495262	-0,010	0,318
CHR1	22389654	CHR1:22389654	SSF x LoA	-9,55921013	0,042	0,299
CHR1	22389669	CHR1:22389669	SSF x LoA	-9,31435534	0,003	0,325
CHR1	22389689	CHR1:22389689	SSF x LoA	-9,62302777	-0,023	0,314
CHR1	223962	CHR1:223962	SSF x LoA	-10,8986798	-0,037	0,318
CHR1	223991	CHR1:223991	SSF x LoA	-9,94550317	0,041	0,306
CHR1	224066	CHR1:224066	SSF x LoA	-8,52350515	0,078	0,315
CHR1	224092	CHR1:224092	SSF x LoA	-8,64496634	0,047	0,299
CHR1	22410330	CHR1:22410330	SSF x LoA	-8,10252139	0,050	0,328
CHR1	22410341	CHR1:22410341	SSF x LoA	-10,3258644	-0,005	0,309
CHR1	22416102	CHR1:22416102	SSF x LoA	-9,96404286	0,093	0,306
CHR1	224172	CHR1:224172	SSF x LoA	-8,64281716	0,054	0,289
CHR1	22419350	CHR1:22419350	SSF x LoA	-9,03991524	-0,083	0,309
CHR1	22419364	CHR1:22419364	SSF x LoA	-8,06955648	-0,068	0,321
CHR1	22419420	CHR1:22419420	SSF x LoA	-11,2151901	-0,005	0,299
CHR1	22425867	CHR1:22425867	SSF x LoA	-11,1048026	0,018	0,300
CHR1	22425877	CHR1:22425877	SSF x LoA	-8,13303902	0,065	0,304

CHR1	22428998	CHR1:22428998	SSF x LoA	-9,19272885	0,047	0,310
CHR1	22429074	CHR1:22429074	SSF x LoA	-10,6867981	-0,048	0,319
CHR1	22429201	CHR1:22429201	SSF x LoA	-11,7672885	0,054	0,303
CHR1	22429245	CHR1:22429245	SSF x LoA	-8,38336057	0,059	0,308
CHR1	22435467	CHR1:22435467	SSF x LoA	-8,9480996	0,012	0,311
CHR1	22435555	CHR1:22435555	SSF x LoA	-10,8982649	-0,077	0,317
CHR1	22435652	CHR1:22435652	SSF x LoA	-9,809206	-0,018	0,310
CHR1	22437518	CHR1:22437518	SSF x LoA	-9,44515571	-0,005	0,287
CHR1	22437540	CHR1:22437540	SSF x LoA	-11,2744546	-0,016	0,312
CHR1	22437585	CHR1:22437585	SSF x LoA	-8,49977863	0,017	0,297
CHR1	22437652	CHR1:22437652	SSF x LoA	-7,88258204	-0,064	0,313
CHR1	22437687	CHR1:22437687	SSF x LoA	-11,2855535	-0,003	0,296
CHR1	22437721	CHR1:22437721	SSF x LoA	-11,4913381	0,073	0,297
CHR1	22442965	CHR1:22442965	SSF x LoA	-9,30679203	-0,157	0,302
CHR1	22442976	CHR1:22442976	SSF x LoA	-9,47874078	-0,129	0,300
CHR1	22443613	CHR1:22443613	SSF x LoA	-9,8725316	-0,120	0,298
CHR1	22451787	CHR1:22451787	SSF x LoA	-9,31067258	0,086	0,300
CHR1	22451820	CHR1:22451820	SSF x LoA	-8,59800783	0,108	0,307
CHR1	22451913	CHR1:22451913	SSF x LoA	-9,18249687	-0,031	0,313
CHR1	22451954	CHR1:22451954	SSF x LoA	-11,3514592	0,024	0,316
CHR1	22452088	CHR1:22452088	SSF x LoA	-10,0883879	-0,034	0,317
CHR1	22475274	CHR1:22475274	SSF x LoA	-8,67391698	0,064	0,310
CHR1	22475312	CHR1:22475312	SSF x LoA	-9,03404092	-0,001	0,307
CHR1	22475377	CHR1:22475377	SSF x LoA	-9,84374546	-0,019	0,307
CHR1	22475405	CHR1:22475405	SSF x LoA	-10,3353666	-0,020	0,285
CHR1	22475502	CHR1:22475502	SSF x LoA	-10,9016338	-0,003	0,316
CHR1	22475568	CHR1:22475568	SSF x LoA	-10,6510395	0,122	0,306
CHR1	22475621	CHR1:22475621	SSF x LoA	-11,0503383	0,007	0,302
CHR1	22488113	CHR1:22488113	SSF x LoA	-10,7398656	-0,052	0,311
CHR1	22488174	CHR1:22488174	SSF x LoA	-9,29812886	-0,022	0,301
CHR1	22497207	CHR1:22497207	SSF x LoA	-11,4148493	0,041	0,309
CHR1	22497225	CHR1:22497225	SSF x LoA	-9,8008899	-0,069	0,295
CHR1	22497228	CHR1:22497228	SSF x LoA	-10,4582752	0,022	0,310
CHR1	22512042	CHR1:22512042	SSF x LoA	-10,8206836	0,053	0,307
CHR1	22512090	CHR1:22512090	SSF x LoA	-11,364177	0,024	0,297
CHR1	22512092	CHR1:22512092	SSF x LoA	-11,4608817	0,035	0,294
CHR1	22512098	CHR1:22512098	SSF x LoA	-8,89018659	-0,015	0,314
CHR1	22512099	CHR1:22512099	SSF x LoA	-9,59662588	-0,010	0,310
CHR1	22512132	CHR1:22512132	SSF x LoA	-11,3260475	-0,002	0,275
CHR1	22512141	CHR1:22512141	SSF x LoA	-6,42587287	0,038	0,304
CHR1	22512148	CHR1:22512148	SSF x LoA	-11,5793048	-0,001	0,308
CHR1	22512577	CHR1:22512577	SSF x LoA	-9,83869298	-0,114	0,314
CHR1	22512587	CHR1:22512587	SSF x LoA	-7,89172748	0,111	0,303
CHR1	22521350	CHR1:22521350	SSF x LoA	-8,27397845	-0,039	0,318
CHR1	22521352	CHR1:22521352	SSF x LoA	-9,36814614	-0,115	0,292
CHR1	22521356	CHR1:22521356	SSF x LoA	-8,73887364	-0,091	0,303
CHR1	22521369	CHR1:22521369	SSF x LoA	-9,79542686	0,027	0,316
CHR1	22521411	CHR1:22521411	SSF x LoA	-10,4468774	0,001	0,310
CHR1	22521491	CHR1:22521491	SSF x LoA	-10,8383001	-0,093	0,309
CHR1	22521527	CHR1:22521527	SSF x LoA	-9,69816755	0,048	0,316
CHR1	22521599	CHR1:22521599	SSF x LoA	-9,53184601	-0,011	0,286
CHR1	22521603	CHR1:22521603	SSF x LoA	-8,3222052	0,001	0,305
CHR1	22524331	CHR1:22524331	SSF x LoA	-8,06981332	0,101	0,307

CHR1	22528420	CHR1:22528420	SSF x LoA	-9,98858718	0,106	0,306
CHR1	22534160	CHR1:22534160	SSF x LoA	-10,0779424	0,033	0,308
CHR1	22534241	CHR1:22534241	SSF x LoA	-8,44071804	0,075	0,313
CHR1	22554638	CHR1:22554638	SSF x LoA	-8,18622433	0,070	0,311
CHR1	22554771	CHR1:22554771	SSF x LoA	-8,46443947	-0,030	0,317
CHR1	22557824	CHR1:22557824	SSF x LoA	-6,99431363	0,120	0,306
CHR1	22558035	CHR1:22558035	SSF x LoA	-9,88793115	0,115	0,293
CHR1	22558140	CHR1:22558140	SSF x LoA	-9,86296955	0,035	0,316
CHR1	22563155	CHR1:22563155	SSF x LoA	-8,41883247	0,005	0,319
CHR1	22563157	CHR1:22563157	SSF x LoA	-8,9490589	-0,041	0,306
CHR1	22563159	CHR1:22563159	SSF x LoA	-6,59374878	0,093	0,309
CHR1	22563160	CHR1:22563160	SSF x LoA	-9,50908327	-0,016	0,315
CHR1	22563163	CHR1:22563163	SSF x LoA	-9,84941131	0,001	0,302
CHR1	22563164	CHR1:22563164	SSF x LoA	-10,232264	-0,009	0,315
CHR1	22563244	CHR1:22563244	SSF x LoA	-8,74425386	0,056	0,310
CHR1	22568578	CHR1:22568578	SSF x LoA	-7,10857023	0,072	0,303
CHR1	22568620	CHR1:22568620	SSF x LoA	-10,9338706	0,009	0,328
CHR1	22568657	CHR1:22568657	SSF x LoA	-9,89266317	0,000	0,316
CHR1	22568688	CHR1:22568688	SSF x LoA	-8,12705692	0,131	0,302
CHR1	22568713	CHR1:22568713	SSF x LoA	-9,60505962	-0,078	0,322
CHR1	22568714	CHR1:22568714	SSF x LoA	-8,65580876	-0,007	0,321
CHR1	22568759	CHR1:22568759	SSF x LoA	-8,3844444	-0,124	0,303
CHR1	22568768	CHR1:22568768	SSF x LoA	-11,3005059	-0,014	0,312
CHR1	22570889	CHR1:22570889	SSF x LoA	-9,59415689	0,008	0,297
CHR1	22570899	CHR1:22570899	SSF x LoA	-11,2117545	-0,050	0,319
CHR1	22570975	CHR1:22570975	SSF x LoA	-8,23540276	-0,105	0,312
CHR1	22576199	CHR1:22576199	SSF x LoA	-8,13060385	0,147	0,284
CHR1	22576202	CHR1:22576202	SSF x LoA	-8,49231825	0,109	0,293
CHR1	22576279	CHR1:22576279	SSF x LoA	-7,32780897	-0,034	0,323
CHR1	22577008	CHR1:22577008	SSF x LoA	-11,5260229	-0,073	0,300
CHR1	22577009	CHR1:22577009	SSF x LoA	-10,4123678	-0,082	0,301
CHR1	22577155	CHR1:22577155	SSF x LoA	-11,5443105	-0,031	0,298
CHR1	22581313	CHR1:22581313	SSF x LoA	-12,1576209	-0,022	0,298
CHR1	22581319	CHR1:22581319	SSF x LoA	-5,83874735	-0,125	0,308
CHR1	22581474	CHR1:22581474	SSF x LoA	-6,95691983	0,035	0,317
CHR1	22581527	CHR1:22581527	SSF x LoA	-8,53060301	-0,030	0,324
CHR1	22581533	CHR1:22581533	SSF x LoA	-9,15245217	0,020	0,303
CHR1	22583190	CHR1:22583190	SSF x LoA	-11,0003825	0,079	0,310
CHR1	22584345	CHR1:22584345	SSF x LoA	-8,19963334	-0,045	0,301
CHR1	22584370	CHR1:22584370	SSF x LoA	-11,325127	0,054	0,295
CHR1	22588856	CHR1:22588856	SSF x LoA	-11,49937	-0,003	0,308
CHR1	22592003	CHR1:22592003	SSF x LoA	-9,99733229	0,122	0,305
CHR1	22592028	CHR1:22592028	SSF x LoA	-4,54147864	0,120	0,316
CHR1	22592041	CHR1:22592041	SSF x LoA	-7,51409967	0,131	0,296
CHR1	22592044	CHR1:22592044	SSF x LoA	-9,01201676	-0,028	0,315
CHR1	22594154	CHR1:22594154	SSF x LoA	-9,78486513	0,025	0,298
CHR1	22601322	CHR1:22601322	SSF x LoA	-6,89426647	-0,113	0,308
CHR1	22601354	CHR1:22601354	SSF x LoA	-10,0841483	-0,006	0,307
CHR1	2260499	CHR1:2260499	SSF x LoA	-9,49333506	0,115	0,318
CHR1	2260503	CHR1:2260503	SSF x LoA	-9,96240597	0,073	0,315
CHR1	2260561	CHR1:2260561	SSF x LoA	-8,44748975	0,008	0,304
CHR1	2260565	CHR1:2260565	SSF x LoA	-8,98943633	-0,015	0,299
CHR1	2260575	CHR1:2260575	SSF x LoA	-11,0716609	-0,043	0,319

CHR1	2260603	CHR1:2260603	SSF x LoA	-6,95010269	-0,148	0,293
CHR1	2260630	CHR1:2260630	SSF x LoA	-7,17247537	0,037	0,317
CHR1	22610869	CHR1:22610869	SSF x LoA	-4,18316416	-0,175	0,301
CHR1	22610960	CHR1:22610960	SSF x LoA	-9,56625708	0,082	0,307
CHR1	22611041	CHR1:22611041	SSF x LoA	-10,3945748	-0,106	0,308
CHR1	22611066	CHR1:22611066	SSF x LoA	-5,22186008	-0,107	0,309
CHR1	22620230	CHR1:22620230	SSF x LoA	-9,63661604	0,022	0,310
CHR1	22630543	CHR1:22630543	SSF x LoA	-11,3664983	0,013	0,316
CHR1	22630548	CHR1:22630548	SSF x LoA	-10,9707342	0,046	0,300
CHR1	2263081	CHR1:2263081	SSF x LoA	-2,55947609	0,061	0,298
CHR1	2263121	CHR1:2263121	SSF x LoA	-10,1684519	-0,058	0,309
CHR1	2263134	CHR1:2263134	SSF x LoA	-9,20841238	0,082	0,303
CHR1	2263187	CHR1:2263187	SSF x LoA	-9,12922322	0,046	0,304
CHR1	2263240	CHR1:2263240	SSF x LoA	-3,76474484	0,152	0,309
CHR1	22660423	CHR1:22660423	SSF x LoA	-10,7530742	0,077	0,302
CHR1	22660472	CHR1:22660472	SSF x LoA	-9,44770302	-0,050	0,319
CHR1	22660489	CHR1:22660489	SSF x LoA	-9,47938503	0,048	0,305
CHR1	22660500	CHR1:22660500	SSF x LoA	-8,96680186	0,032	0,307
CHR1	22660508	CHR1:22660508	SSF x LoA	-7,90457425	-0,162	0,292
CHR1	22660523	CHR1:22660523	SSF x LoA	-6,40538361	-0,195	0,289
CHR1	22660525	CHR1:22660525	SSF x LoA	-5,18347901	0,108	0,317
CHR1	22660558	CHR1:22660558	SSF x LoA	-9,42145998	0,008	0,303
CHR1	22660600	CHR1:22660600	SSF x LoA	-9,86257803	-0,077	0,314
CHR1	22660628	CHR1:22660628	SSF x LoA	-5,47766704	0,114	0,283
CHR1	22668032	CHR1:22668032	SSF x LoA	-11,5204905	-0,050	0,301
CHR1	22680613	CHR1:22680613	SSF x LoA	-8,99656099	-0,055	0,313
CHR1	22680651	CHR1:22680651	SSF x LoA	-10,6128751	-0,015	0,306
CHR1	22680730	CHR1:22680730	SSF x LoA	-10,9717181	-0,045	0,291
CHR1	22680735	CHR1:22680735	SSF x LoA	-9,34320119	-0,061	0,298
CHR1	22680753	CHR1:22680753	SSF x LoA	-9,4596959	0,005	0,287
CHR1	22680832	CHR1:22680832	SSF x LoA	-6,66841613	-0,107	0,314
CHR1	22680835	CHR1:22680835	SSF x LoA	-7,60453553	-0,127	0,307
CHR1	22680837	CHR1:22680837	SSF x LoA	-6,36250211	-0,059	0,309
CHR1	22686857	CHR1:22686857	SSF x LoA	-10,6649113	-0,059	0,302
CHR1	22686975	CHR1:22686975	SSF x LoA	-11,2741144	-0,077	0,299
CHR1	22688173	CHR1:22688173	SSF x LoA	-5,98567727	0,169	0,297
CHR1	22688241	CHR1:22688241	SSF x LoA	-10,5640703	0,094	0,312
CHR1	22697796	CHR1:22697796	SSF x LoA	-6,4987134	0,113	0,303
CHR1	22697843	CHR1:22697843	SSF x LoA	-6,13141302	0,145	0,307
CHR1	22731955	CHR1:22731955	SSF x LoA	-9,76160085	-0,076	0,307
CHR1	22731987	CHR1:22731987	SSF x LoA	-8,46821139	0,118	0,302
CHR1	22731995	CHR1:22731995	SSF x LoA	-9,51557069	-0,086	0,297
CHR1	22732002	CHR1:22732002	SSF x LoA	-11,1612571	-0,042	0,301
CHR1	22732034	CHR1:22732034	SSF x LoA	-9,17863805	-0,100	0,290
CHR1	22732092	CHR1:22732092	SSF x LoA	-11,6490023	0,002	0,316
CHR1	22732135	CHR1:22732135	SSF x LoA	-11,5920426	-0,040	0,306
CHR1	22732143	CHR1:22732143	SSF x LoA	-11,094415	-0,049	0,307
CHR1	22735615	CHR1:22735615	SSF x LoA	-7,9279335	0,026	0,299
CHR1	22737460	CHR1:22737460	SSF x LoA	-8,65727985	0,095	0,297
CHR1	22742393	CHR1:22742393	SSF x LoA	-8,27921162	-0,046	0,308
CHR1	22742429	CHR1:22742429	SSF x LoA	-9,77080033	0,027	0,306
CHR1	22742527	CHR1:22742527	SSF x LoA	-9,96775361	0,092	0,296
CHR1	22753653	CHR1:22753653	SSF x LoA	-7,73070429	-0,017	0,323

CHR1	2278362	CHR1:2278362	SSF x LoA	-8,97496016	-0,102	0,298
CHR1	2278419	CHR1:2278419	SSF x LoA	-10,5569322	-0,121	0,295
CHR1	2278553	CHR1:2278553	SSF x LoA	-10,5526702	0,030	0,306
CHR1	22797537	CHR1:22797537	SSF x LoA	-7,93852865	-0,024	0,314
CHR1	22798347	CHR1:22798347	SSF x LoA	-6,22428685	-0,165	0,297
CHR1	22798368	CHR1:22798368	SSF x LoA	-5,56887051	-0,198	0,297
CHR1	22798369	CHR1:22798369	SSF x LoA	-10,0940364	-0,083	0,312
CHR1	22798407	CHR1:22798407	SSF x LoA	-8,1926259	-0,083	0,309
CHR1	22804602	CHR1:22804602	SSF x LoA	-7,23261983	0,144	0,298
CHR1	22804850	CHR1:22804850	SSF x LoA	-9,3001641	-0,094	0,307
CHR1	22830831	CHR1:22830831	SSF x LoA	-9,65356702	0,087	0,301
CHR1	22835905	CHR1:22835905	SSF x LoA	-9,7293326	-0,118	0,300
CHR1	22836002	CHR1:22836002	SSF x LoA	-10,0414923	-0,107	0,307
CHR1	22837584	CHR1:22837584	SSF x LoA	-7,26153916	0,006	0,319
CHR1	22837670	CHR1:22837670	SSF x LoA	-7,91051368	-0,011	0,309
CHR1	22837695	CHR1:22837695	SSF x LoA	-11,6742278	-0,030	0,309
CHR1	22842953	CHR1:22842953	SSF x LoA	-11,0227472	0,089	0,295
CHR1	22842982	CHR1:22842982	SSF x LoA	-9,52405356	-0,012	0,310
CHR1	22843020	CHR1:22843020	SSF x LoA	-9,54799889	-0,035	0,300
CHR1	22843041	CHR1:22843041	SSF x LoA	-10,4444921	-0,015	0,309
CHR1	22843068	CHR1:22843068	SSF x LoA	-8,59729407	0,162	0,301
CHR1	22847378	CHR1:22847378	SSF x LoA	-10,6331987	-0,001	0,324
CHR1	22847389	CHR1:22847389	SSF x LoA	-11,8074433	0,000	0,320
CHR1	22851004	CHR1:22851004	SSF x LoA	-8,82573728	0,103	0,292
CHR1	22851037	CHR1:22851037	SSF x LoA	-8,37373194	0,145	0,307
CHR1	22851056	CHR1:22851056	SSF x LoA	-8,36401752	0,116	0,293
CHR1	22851058	CHR1:22851058	SSF x LoA	-9,36878326	0,122	0,318
CHR1	22851094	CHR1:22851094	SSF x LoA	-11,3682293	0,037	0,307
CHR1	22852095	CHR1:22852095	SSF x LoA	-9,77665931	0,035	0,319
CHR1	22857817	CHR1:22857817	SSF x LoA	-8,74611153	0,040	0,293
CHR1	22857837	CHR1:22857837	SSF x LoA	-8,54066269	0,044	0,315
CHR1	22857843	CHR1:22857843	SSF x LoA	-11,1970075	0,026	0,309
CHR1	22857853	CHR1:22857853	SSF x LoA	-9,1985518	0,089	0,304
CHR1	22857894	CHR1:22857894	SSF x LoA	-9,84272787	0,035	0,303
CHR1	22857915	CHR1:22857915	SSF x LoA	-8,86933253	0,018	0,304
CHR1	22857920	CHR1:22857920	SSF x LoA	-7,13191201	0,006	0,311
CHR1	22858008	CHR1:22858008	SSF x LoA	-8,54148653	0,079	0,312
CHR1	22858016	CHR1:22858016	SSF x LoA	-11,627755	0,025	0,304
CHR1	22858026	CHR1:22858026	SSF x LoA	-11,0010086	0,058	0,311
CHR1	22858029	CHR1:22858029	SSF x LoA	-9,66620934	0,072	0,304
CHR1	22869273	CHR1:22869273	SSF x LoA	-8,83464874	0,023	0,317
CHR1	22869489	CHR1:22869489	SSF x LoA	-8,43148103	0,096	0,292
CHR1	22869572	CHR1:22869572	SSF x LoA	-9,5523537	0,046	0,302
CHR1	22869605	CHR1:22869605	SSF x LoA	-10,3960845	0,021	0,313
CHR1	22869638	CHR1:22869638	SSF x LoA	-7,26758242	0,109	0,303
CHR1	2289168	CHR1:2289168	SSF x LoA	-1,51846689	-0,139	0,312
CHR1	2289177	CHR1:2289177	SSF x LoA	-3,37290052	0,184	0,283
CHR1	2289202	CHR1:2289202	SSF x LoA	-9,66939155	-0,109	0,286
CHR1	22899946	CHR1:22899946	SSF x LoA	-8,09626228	-0,035	0,319
CHR1	22899952	CHR1:22899952	SSF x LoA	-6,69037671	-0,121	0,303
CHR1	22899968	CHR1:22899968	SSF x LoA	-7,9760035	0,021	0,323
CHR1	22900000	CHR1:22900000	SSF x LoA	-11,2266062	0,028	0,317
CHR1	22900003	CHR1:22900003	SSF x LoA	-8,64254018	-0,042	0,308

CHR1	22900005	CHR1:22900005	SSF x LoA	-8,78090435	-0,016	0,306
CHR1	22900017	CHR1:22900017	SSF x LoA	-9,49361131	-0,032	0,303
CHR1	22900023	CHR1:22900023	SSF x LoA	-10,7326468	0,065	0,308
CHR1	22902357	CHR1:22902357	SSF x LoA	-9,8752892	-0,158	0,314
CHR1	22923532	CHR1:22923532	SSF x LoA	-8,61848983	-0,050	0,309
CHR1	22936170	CHR1:22936170	SSF x LoA	-9,92786941	-0,044	0,306
CHR1	22936239	CHR1:22936239	SSF x LoA	-8,18761839	-0,089	0,314
CHR1	22936251	CHR1:22936251	SSF x LoA	-9,12564277	0,022	0,291
CHR1	22936320	CHR1:22936320	SSF x LoA	-9,48454461	0,105	0,306
CHR1	22936375	CHR1:22936375	SSF x LoA	-10,9246719	0,104	0,308
CHR1	22937801	CHR1:22937801	SSF x LoA	-11,8345887	-0,034	0,303
CHR1	22937925	CHR1:22937925	SSF x LoA	-10,3671893	0,005	0,295
CHR1	22945185	CHR1:22945185	SSF x LoA	-10,0045981	-0,053	0,309
CHR1	22945299	CHR1:22945299	SSF x LoA	-8,51979199	0,092	0,319
CHR1	22948854	CHR1:22948854	SSF x LoA	-9,66010149	-0,131	0,309
CHR1	22948858	CHR1:22948858	SSF x LoA	-9,2686469	0,008	0,294
CHR1	22948880	CHR1:22948880	SSF x LoA	-10,7510174	0,084	0,296
CHR1	22948884	CHR1:22948884	SSF x LoA	-9,49790816	0,037	0,309
CHR1	22948910	CHR1:22948910	SSF x LoA	-9,52794212	0,072	0,313
CHR1	22948915	CHR1:22948915	SSF x LoA	-4,77585461	0,139	0,297
CHR1	22948921	CHR1:22948921	SSF x LoA	-11,4333895	-0,042	0,300
CHR1	22948938	CHR1:22948938	SSF x LoA	-5,01046577	-0,003	0,311
CHR1	22948943	CHR1:22948943	SSF x LoA	-8,87843198	0,124	0,316
CHR1	22949098	CHR1:22949098	SSF x LoA	-8,12696925	0,037	0,310
CHR1	22963869	CHR1:22963869	SSF x LoA	-7,83489757	0,112	0,312
CHR1	22969380	CHR1:22969380	SSF x LoA	-8,4988825	0,029	0,312
CHR1	22969408	CHR1:22969408	SSF x LoA	-8,17092054	0,038	0,311
CHR1	22969526	CHR1:22969526	SSF x LoA	-8,697019	0,054	0,303
CHR1	22970801	CHR1:22970801	SSF x LoA	-6,96166065	0,158	0,295
CHR1	22970805	CHR1:22970805	SSF x LoA	-5,39848023	0,141	0,303
CHR1	22970821	CHR1:22970821	SSF x LoA	-10,437981	0,127	0,305
CHR1	22970894	CHR1:22970894	SSF x LoA	-4,06344394	-0,224	0,286
CHR1	22970895	CHR1:22970895	SSF x LoA	-3,86138664	-0,261	0,296
CHR1	2297415	CHR1:2297415	SSF x LoA	-8,59062051	-0,066	0,315
CHR1	22974224	CHR1:22974224	SSF x LoA	-9,51869632	-0,010	0,316
CHR1	22974288	CHR1:22974288	SSF x LoA	-7,21756162	-0,123	0,305
CHR1	22974293	CHR1:22974293	SSF x LoA	-11,6148138	-0,013	0,303
CHR1	22974294	CHR1:22974294	SSF x LoA	-11,5781208	-0,004	0,309
CHR1	22974348	CHR1:22974348	SSF x LoA	-7,10944414	-0,071	0,303
CHR1	22974355	CHR1:22974355	SSF x LoA	-8,34405762	-0,052	0,300
CHR1	22974382	CHR1:22974382	SSF x LoA	-11,7977043	0,004	0,299
CHR1	2297626	CHR1:2297626	SSF x LoA	-6,81619979	0,153	0,317
CHR1	22980274	CHR1:22980274	SSF x LoA	-11,7141767	0,021	0,316
CHR1	22986954	CHR1:22986954	SSF x LoA	-7,70271635	-0,052	0,307
CHR1	22990759	CHR1:22990759	SSF x LoA	-4,44039357	-0,060	0,298
CHR1	22995434	CHR1:22995434	SSF x LoA	-8,64852597	-0,120	0,302
CHR1	23009228	CHR1:23009228	SSF x LoA	-9,19114256	-0,050	0,302
CHR1	23009299	CHR1:23009299	SSF x LoA	-8,99885267	0,012	0,315
CHR1	23009349	CHR1:23009349	SSF x LoA	-8,94197724	-0,080	0,310
CHR1	23009426	CHR1:23009426	SSF x LoA	-7,90472547	-0,059	0,294
CHR1	23011351	CHR1:23011351	SSF x LoA	-12,2036718	0,016	0,302
CHR1	23011436	CHR1:23011436	SSF x LoA	-8,16542088	0,072	0,306
CHR1	23011533	CHR1:23011533	SSF x LoA	-10,3472629	0,087	0,312

CHR1	23011543	CHR1:23011543	SSF x LoA	-9,76894317	-0,089	0,302
CHR1	23011596	CHR1:23011596	SSF x LoA	-9,15746492	0,021	0,303
CHR1	23011630	CHR1:23011630	SSF x LoA	-8,36813663	-0,003	0,321
CHR1	2301325	CHR1:2301325	SSF x LoA	-8,54547336	-0,050	0,299
CHR1	2301373	CHR1:2301373	SSF x LoA	-10,2902724	-0,012	0,314
CHR1	2301401	CHR1:2301401	SSF x LoA	-9,60694047	-0,151	0,289
CHR1	2301408	CHR1:2301408	SSF x LoA	-8,80634629	0,069	0,311
CHR1	2301468	CHR1:2301468	SSF x LoA	-3,5908958	-0,182	0,305
CHR1	23019062	CHR1:23019062	SSF x LoA	-9,192914	0,025	0,303
CHR1	23019071	CHR1:23019071	SSF x LoA	-11,7811991	-0,007	0,306
CHR1	23019099	CHR1:23019099	SSF x LoA	-9,39184888	-0,027	0,291
CHR1	23021715	CHR1:23021715	SSF x LoA	-4,93947122	-0,180	0,302
CHR1	23030998	CHR1:23030998	SSF x LoA	-8,46392929	0,001	0,295
CHR1	23031049	CHR1:23031049	SSF x LoA	-9,70270062	-0,145	0,277
CHR1	23031308	CHR1:23031308	SSF x LoA	-10,3481655	-0,039	0,312
CHR1	23031310	CHR1:23031310	SSF x LoA	-9,56667227	-0,130	0,296
CHR1	23031317	CHR1:23031317	SSF x LoA	-9,58346201	-0,111	0,302
CHR1	23031333	CHR1:23031333	SSF x LoA	-8,39739025	-0,126	0,312
CHR1	23035433	CHR1:23035433	SSF x LoA	-8,99395657	0,034	0,310
CHR1	23035461	CHR1:23035461	SSF x LoA	-7,92402899	-0,112	0,312
CHR1	230356	CHR1:230356	SSF x LoA	-6,520604	0,192	0,294
CHR1	23036352	CHR1:23036352	SSF x LoA	-11,2083658	-0,100	0,311
CHR1	23036387	CHR1:23036387	SSF x LoA	-8,40195953	0,073	0,297
CHR1	23036424	CHR1:23036424	SSF x LoA	-7,51139168	-0,070	0,291
CHR1	2304045	CHR1:2304045	SSF x LoA	-8,90863927	0,114	0,307
CHR1	2304497	CHR1:2304497	SSF x LoA	-11,1332971	-0,088	0,297
CHR1	23045474	CHR1:23045474	SSF x LoA	-8,59773891	-0,128	0,292
CHR1	23045626	CHR1:23045626	SSF x LoA	-9,70569324	-0,073	0,301
CHR1	23048759	CHR1:23048759	SSF x LoA	-9,12590717	-0,121	0,289
CHR1	23048906	CHR1:23048906	SSF x LoA	-7,07494358	-0,073	0,295
CHR1	23059849	CHR1:23059849	SSF x LoA	-10,0403971	0,095	0,294
CHR1	23059896	CHR1:23059896	SSF x LoA	-10,3393407	-0,001	0,305
CHR1	23059903	CHR1:23059903	SSF x LoA	-9,74186078	0,157	0,299
CHR1	23059951	CHR1:23059951	SSF x LoA	-8,31237351	0,195	0,297
CHR1	23060028	CHR1:23060028	SSF x LoA	-7,25859385	0,188	0,296
CHR1	23060057	CHR1:23060057	SSF x LoA	-7,42543602	0,135	0,300
CHR1	23068475	CHR1:23068475	SSF x LoA	-10,0613421	-0,021	0,300
CHR1	23073060	CHR1:23073060	SSF x LoA	-6,996638	-0,214	0,293
CHR1	23073251	CHR1:23073251	SSF x LoA	-9,61614101	0,079	0,301
CHR1	23079882	CHR1:23079882	SSF x LoA	-9,70327367	0,005	0,316
CHR1	23113476	CHR1:23113476	SSF x LoA	-12,2120016	0,005	0,301
CHR1	23113626	CHR1:23113626	SSF x LoA	-11,661121	-0,017	0,306
CHR1	23113646	CHR1:23113646	SSF x LoA	-8,84437532	0,124	0,292
CHR1	23117286	CHR1:23117286	SSF x LoA	-9,44714784	0,038	0,304
CHR1	23117346	CHR1:23117346	SSF x LoA	-11,6433223	0,014	0,300
CHR1	23119738	CHR1:23119738	SSF x LoA	-6,26271449	-0,091	0,324
CHR1	23119853	CHR1:23119853	SSF x LoA	-9,52761408	-0,015	0,307
CHR1	23119905	CHR1:23119905	SSF x LoA	-9,18860386	-0,035	0,319
CHR1	23119944	CHR1:23119944	SSF x LoA	-11,8184986	0,032	0,304
CHR1	23119945	CHR1:23119945	SSF x LoA	-6,66751719	-0,108	0,304
CHR1	23128107	CHR1:23128107	SSF x LoA	-8,9117831	0,046	0,308
CHR1	23131206	CHR1:23131206	SSF x LoA	-10,8337061	0,042	0,291
CHR1	23138944	CHR1:23138944	SSF x LoA	-6,3333143	-0,150	0,299

CHR1	23138959	CHR1:23138959	SSF x LoA	-9,07027617	-0,057	0,311
CHR1	23138994	CHR1:23138994	SSF x LoA	-9,23413893	-0,138	0,306
CHR1	23139009	CHR1:23139009	SSF x LoA	-5,27728455	0,061	0,307
CHR1	23139093	CHR1:23139093	SSF x LoA	-7,81037312	-0,122	0,300
CHR1	23163184	CHR1:23163184	SSF x LoA	-8,7469646	0,083	0,304
CHR1	23163287	CHR1:23163287	SSF x LoA	-7,05514597	0,114	0,312
CHR1	2317377	CHR1:2317377	SSF x LoA	-9,24479942	0,057	0,317
CHR1	23184088	CHR1:23184088	SSF x LoA	-8,69499394	0,052	0,306
CHR1	23184096	CHR1:23184096	SSF x LoA	-7,81076	0,056	0,304
CHR1	23189081	CHR1:23189081	SSF x LoA	-10,7850776	0,056	0,317
CHR1	23189123	CHR1:23189123	SSF x LoA	-10,3789223	0,022	0,299
CHR1	23191823	CHR1:23191823	SSF x LoA	-9,46701957	-0,046	0,303
CHR1	23191855	CHR1:23191855	SSF x LoA	-9,35527729	0,050	0,313
CHR1	23191866	CHR1:23191866	SSF x LoA	-8,77540146	0,041	0,317
CHR1	23191890	CHR1:23191890	SSF x LoA	-9,41406033	0,145	0,299
CHR1	23191895	CHR1:23191895	SSF x LoA	-8,87059296	0,022	0,318
CHR1	23197477	CHR1:23197477	SSF x LoA	-9,24243453	-0,076	0,309
CHR1	23197518	CHR1:23197518	SSF x LoA	-9,46723049	0,033	0,314
CHR1	23197520	CHR1:23197520	SSF x LoA	-8,97653726	-0,006	0,314
CHR1	23197567	CHR1:23197567	SSF x LoA	-7,63905633	-0,149	0,285
CHR1	23197665	CHR1:23197665	SSF x LoA	-7,9279223	0,056	0,299
CHR1	23202758	CHR1:23202758	SSF x LoA	-8,74778285	-0,052	0,300
CHR1	23202870	CHR1:23202870	SSF x LoA	-11,50354	0,064	0,318
CHR1	23206529	CHR1:23206529	SSF x LoA	-4,94554511	-0,033	0,302
CHR1	23206545	CHR1:23206545	SSF x LoA	-7,30202969	0,076	0,313
CHR1	23206546	CHR1:23206546	SSF x LoA	-0,9217952	-0,038	0,311
CHR1	23206610	CHR1:23206610	SSF x LoA	-9,21101699	-0,031	0,291
CHR1	23206639	CHR1:23206639	SSF x LoA	-6,19693159	-0,021	0,315
CHR1	23219218	CHR1:23219218	SSF x LoA	-9,59338793	-0,033	0,316
CHR1	23227512	CHR1:23227512	SSF x LoA	-9,11141493	0,039	0,309
CHR1	23227538	CHR1:23227538	SSF x LoA	-11,4549039	-0,047	0,301
CHR1	23227596	CHR1:23227596	SSF x LoA	-10,8960363	-0,035	0,291
CHR1	23229769	CHR1:23229769	SSF x LoA	-7,5959899	0,117	0,311
CHR1	23229854	CHR1:23229854	SSF x LoA	-11,0722547	0,003	0,311
CHR1	23231546	CHR1:23231546	SSF x LoA	-5,28719561	0,103	0,307
CHR1	23231583	CHR1:23231583	SSF x LoA	-10,6881637	-0,072	0,303
CHR1	23249519	CHR1:23249519	SSF x LoA	-7,37913731	0,104	0,315
CHR1	23251094	CHR1:23251094	SSF x LoA	-9,8775704	-0,049	0,291
CHR1	23285397	CHR1:23285397	SSF x LoA	-8,03197465	-0,122	0,302
CHR1	23285447	CHR1:23285447	SSF x LoA	-8,72254689	-0,130	0,298
CHR1	23285454	CHR1:23285454	SSF x LoA	-4,88832911	0,156	0,300
CHR1	23285463	CHR1:23285463	SSF x LoA	-8,51650802	-0,101	0,307
CHR1	23285485	CHR1:23285485	SSF x LoA	-10,2367776	0,091	0,306
CHR1	23285510	CHR1:23285510	SSF x LoA	-9,3557419	-0,089	0,308
CHR1	23287378	CHR1:23287378	SSF x LoA	-10,8276204	-0,018	0,313
CHR1	23287401	CHR1:23287401	SSF x LoA	-10,3396213	-0,036	0,308
CHR1	23287429	CHR1:23287429	SSF x LoA	-9,9081482	0,024	0,300
CHR1	23297899	CHR1:23297899	SSF x LoA	-8,85366988	0,090	0,321
CHR1	23297918	CHR1:23297918	SSF x LoA	-9,05901057	-0,079	0,315
CHR1	23297935	CHR1:23297935	SSF x LoA	-9,15639792	0,016	0,327
CHR1	23302661	CHR1:23302661	SSF x LoA	-8,20243074	-0,089	0,315
CHR1	23306601	CHR1:23306601	SSF x LoA	-9,82698343	-0,017	0,316
CHR1	23306999	CHR1:23306999	SSF x LoA	-10,5873564	0,067	0,306

CHR1	2331098	CHR1:2331098	SSF x LoA	-8,2999298	-0,061	0,326
CHR1	23311188	CHR1:23311188	SSF x LoA	-8,41969567	0,046	0,305
CHR1	23311197	CHR1:23311197	SSF x LoA	-9,2125824	0,072	0,291
CHR1	23311206	CHR1:23311206	SSF x LoA	-9,49757159	-0,028	0,295
CHR1	23311218	CHR1:23311218	SSF x LoA	-6,95143782	0,029	0,318
CHR1	2331187	CHR1:2331187	SSF x LoA	-6,39576501	-0,038	0,316
CHR1	2331206	CHR1:2331206	SSF x LoA	-7,87713278	0,045	0,289
CHR1	2331208	CHR1:2331208	SSF x LoA	-10,029827	0,060	0,297
CHR1	2331224	CHR1:2331224	SSF x LoA	-8,40840632	-0,095	0,321
CHR1	23312909	CHR1:23312909	SSF x LoA	-9,83119871	0,087	0,306
CHR1	23312939	CHR1:23312939	SSF x LoA	-7,34071142	0,142	0,302
CHR1	23313025	CHR1:23313025	SSF x LoA	-8,50839946	-0,138	0,308
CHR1	23313148	CHR1:23313148	SSF x LoA	-12,096993	0,000	0,301
CHR1	23315555	CHR1:23315555	SSF x LoA	-9,2449112	-0,025	0,305
CHR1	23315568	CHR1:23315568	SSF x LoA	-8,52364439	0,040	0,316
CHR1	23316924	CHR1:23316924	SSF x LoA	-9,25670673	0,035	0,313
CHR1	23316989	CHR1:23316989	SSF x LoA	-11,4451295	0,102	0,285
CHR1	23317106	CHR1:23317106	SSF x LoA	-9,37809869	-0,075	0,310
CHR1	23317263	CHR1:23317263	SSF x LoA	-9,44954865	0,094	0,300
CHR1	23327041	CHR1:23327041	SSF x LoA	-11,9930231	-0,068	0,297
CHR1	23327081	CHR1:23327081	SSF x LoA	-8,95453914	-0,022	0,304
CHR1	2333070	CHR1:2333070	SSF x LoA	-11,0656186	0,040	0,302
CHR1	2333120	CHR1:2333120	SSF x LoA	-9,49667467	0,072	0,301
CHR1	23335250	CHR1:23335250	SSF x LoA	-9,30279067	0,036	0,312
CHR1	23335418	CHR1:23335418	SSF x LoA	-10,6426528	0,005	0,313
CHR1	23346496	CHR1:23346496	SSF x LoA	-8,96632897	-0,021	0,323
CHR1	23346509	CHR1:23346509	SSF x LoA	-8,17676062	-0,116	0,303
CHR1	23346537	CHR1:23346537	SSF x LoA	-10,2442144	0,024	0,308
CHR1	23346551	CHR1:23346551	SSF x LoA	-10,2578383	-0,065	0,311
CHR1	23346620	CHR1:23346620	SSF x LoA	-9,6593653	-0,052	0,295
CHR1	23351195	CHR1:23351195	SSF x LoA	-10,5919603	0,016	0,291
CHR1	23353865	CHR1:23353865	SSF x LoA	-10,1479596	-0,008	0,312
CHR1	23353894	CHR1:23353894	SSF x LoA	-6,01267997	-0,165	0,297
CHR1	23353909	CHR1:23353909	SSF x LoA	-10,7188554	0,000	0,303
CHR1	23353958	CHR1:23353958	SSF x LoA	-9,44228605	0,087	0,305
CHR1	23353965	CHR1:23353965	SSF x LoA	-10,3155782	-0,024	0,303
CHR1	23353991	CHR1:23353991	SSF x LoA	-9,3482575	0,080	0,306
CHR1	23378749	CHR1:23378749	SSF x LoA	1,50482446	0,122	0,297
CHR1	23378776	CHR1:23378776	SSF x LoA	-8,28839167	0,121	0,306
CHR1	23378783	CHR1:23378783	SSF x LoA	-6,29080578	-0,187	0,297
CHR1	23378795	CHR1:23378795	SSF x LoA	-2,61118637	-0,234	0,271
CHR1	23378840	CHR1:23378840	SSF x LoA	-8,178134	0,062	0,318
CHR1	23378843	CHR1:23378843	SSF x LoA	-7,62915924	0,043	0,307
CHR1	23378851	CHR1:23378851	SSF x LoA	-3,87189415	-0,186	0,303
CHR1	23378890	CHR1:23378890	SSF x LoA	-6,55598313	-0,244	0,283
CHR1	23378936	CHR1:23378936	SSF x LoA	-6,54766696	0,211	0,300
CHR1	23381425	CHR1:23381425	SSF x LoA	-3,93514039	-0,063	0,296
CHR1	23381458	CHR1:23381458	SSF x LoA	-8,22658678	-0,056	0,300
CHR1	23389371	CHR1:23389371	SSF x LoA	-11,0028181	0,059	0,315
CHR1	23393476	CHR1:23393476	SSF x LoA	-12,2056927	-0,053	0,305
CHR1	23393477	CHR1:23393477	SSF x LoA	-12,1171157	0,000	0,305
CHR1	23393493	CHR1:23393493	SSF x LoA	-8,09955959	0,095	0,308
CHR1	23393501	CHR1:23393501	SSF x LoA	-8,4899882	-0,045	0,293

CHR1	23393566	CHR1:23393566	SSF x LoA	-10,9782681	-0,073	0,298
CHR1	23393587	CHR1:23393587	SSF x LoA	-9,12711118	0,057	0,312
CHR1	23393633	CHR1:23393633	SSF x LoA	-10,1331276	-0,070	0,309
CHR1	23393636	CHR1:23393636	SSF x LoA	-9,57167046	-0,041	0,311
CHR1	23393654	CHR1:23393654	SSF x LoA	-10,6601214	-0,002	0,298
CHR1	23393698	CHR1:23393698	SSF x LoA	-7,08041868	-0,033	0,300
CHR1	23395842	CHR1:23395842	SSF x LoA	-10,5528436	0,035	0,308
CHR1	23395974	CHR1:23395974	SSF x LoA	-11,009399	-0,059	0,291
CHR1	23395989	CHR1:23395989	SSF x LoA	-11,2810508	-0,034	0,313
CHR1	23396000	CHR1:23396000	SSF x LoA	-8,30925506	0,004	0,313
CHR1	23396006	CHR1:23396006	SSF x LoA	-8,71499715	0,001	0,315
CHR1	2341342	CHR1:2341342	SSF x LoA	-9,89662997	0,017	0,297
CHR1	2341489	CHR1:2341489	SSF x LoA	-8,21716486	-0,090	0,294
CHR1	23424219	CHR1:23424219	SSF x LoA	-7,66242629	0,034	0,302
CHR1	23427682	CHR1:23427682	SSF x LoA	-11,0010765	-0,062	0,301
CHR1	23427886	CHR1:23427886	SSF x LoA	-9,30381621	0,036	0,302
CHR1	23427915	CHR1:23427915	SSF x LoA	-9,60397632	-0,007	0,307
CHR1	23432097	CHR1:23432097	SSF x LoA	-9,32586599	-0,085	0,297
CHR1	23432108	CHR1:23432108	SSF x LoA	-9,14196001	0,092	0,309
CHR1	23432195	CHR1:23432195	SSF x LoA	-9,96981701	0,014	0,311
CHR1	23435351	CHR1:23435351	SSF x LoA	-10,8175164	0,064	0,308
CHR1	23440829	CHR1:23440829	SSF x LoA	-8,20968404	0,025	0,299
CHR1	23449417	CHR1:23449417	SSF x LoA	-10,7773285	-0,021	0,305
CHR1	23449485	CHR1:23449485	SSF x LoA	-9,7259198	-0,019	0,317
CHR1	23449517	CHR1:23449517	SSF x LoA	-9,13761882	0,038	0,319
CHR1	23456135	CHR1:23456135	SSF x LoA	-8,1077684	-0,100	0,309
CHR1	23456188	CHR1:23456188	SSF x LoA	-11,9631352	0,014	0,304
CHR1	23456253	CHR1:23456253	SSF x LoA	-8,77098492	-0,038	0,315
CHR1	23456404	CHR1:23456404	SSF x LoA	-8,03341943	-0,030	0,315
CHR1	23474366	CHR1:23474366	SSF x LoA	-7,81474996	0,048	0,313
CHR1	2347523	CHR1:2347523	SSF x LoA	-7,50364051	-0,101	0,298
CHR1	2347671	CHR1:2347671	SSF x LoA	-11,7593592	0,000	0,308
CHR1	2347680	CHR1:2347680	SSF x LoA	-9,53287428	0,079	0,318
CHR1	23485496	CHR1:23485496	SSF x LoA	-4,22472288	0,224	0,296
CHR1	23514361	CHR1:23514361	SSF x LoA	-6,83517439	-0,029	0,299
CHR1	23514422	CHR1:23514422	SSF x LoA	-6,54232678	-0,097	0,304
CHR1	23514510	CHR1:23514510	SSF x LoA	-2,33094833	0,060	0,310
CHR1	23516266	CHR1:23516266	SSF x LoA	-8,42571348	-0,146	0,288
CHR1	23516279	CHR1:23516279	SSF x LoA	-8,78757837	0,076	0,308
CHR1	2352799	CHR1:2352799	SSF x LoA	-9,01107357	-0,011	0,315
CHR1	2352849	CHR1:2352849	SSF x LoA	-9,74529962	0,013	0,310
CHR1	2352851	CHR1:2352851	SSF x LoA	-11,5511495	-0,018	0,308
CHR1	2352931	CHR1:2352931	SSF x LoA	-5,97951584	0,093	0,304
CHR1	2352938	CHR1:2352938	SSF x LoA	-9,59845617	0,062	0,315
CHR1	2353009	CHR1:2353009	SSF x LoA	-8,61693786	0,068	0,309
CHR1	2353040	CHR1:2353040	SSF x LoA	-9,19784194	-0,084	0,305
CHR1	23531436	CHR1:23531436	SSF x LoA	-9,49422635	-0,060	0,305
CHR1	2354768	CHR1:2354768	SSF x LoA	-9,76513649	-0,075	0,311
CHR1	2354809	CHR1:2354809	SSF x LoA	-7,76197838	-0,002	0,293
CHR1	23557050	CHR1:23557050	SSF x LoA	-9,90441974	-0,031	0,313
CHR1	23557107	CHR1:23557107	SSF x LoA	-10,5568113	0,034	0,312
CHR1	23572669	CHR1:23572669	SSF x LoA	-11,5403755	0,047	0,310
CHR1	23579649	CHR1:23579649	SSF x LoA	-9,32726441	-0,012	0,309

CHR1	23582124	CHR1:23582124	SSF x LoA	-9,52015329	0,018	0,325
CHR1	23592680	CHR1:23592680	SSF x LoA	-10,9492056	0,068	0,304
CHR1	2362922	CHR1:2362922	SSF x LoA	-9,52112167	-0,028	0,300
CHR1	2362989	CHR1:2362989	SSF x LoA	-6,23230253	0,048	0,314
CHR1	23638761	CHR1:23638761	SSF x LoA	-10,6366394	0,024	0,308
CHR1	23638811	CHR1:23638811	SSF x LoA	-11,455308	-0,030	0,303
CHR1	23654263	CHR1:23654263	SSF x LoA	-11,4399324	-0,085	0,298
CHR1	23654293	CHR1:23654293	SSF x LoA	-7,82009737	-0,006	0,301
CHR1	23654360	CHR1:23654360	SSF x LoA	-7,86052287	0,025	0,313
CHR1	23654374	CHR1:23654374	SSF x LoA	-7,76812368	0,002	0,301
CHR1	23676283	CHR1:23676283	SSF x LoA	-10,2997656	0,057	0,300
CHR1	23676417	CHR1:23676417	SSF x LoA	-7,91967227	0,129	0,306
CHR1	23682064	CHR1:23682064	SSF x LoA	-10,3554948	-0,038	0,298
CHR1	23682123	CHR1:23682123	SSF x LoA	-8,6070561	-0,002	0,306
CHR1	23692481	CHR1:23692481	SSF x LoA	-8,65214763	-0,019	0,313
CHR1	23692530	CHR1:23692530	SSF x LoA	-8,34796434	0,028	0,312
CHR1	23710980	CHR1:23710980	SSF x LoA	-10,1022219	-0,005	0,312
CHR1	23711034	CHR1:23711034	SSF x LoA	-9,39002702	0,048	0,307
CHR1	23719335	CHR1:23719335	SSF x LoA	-8,75505764	0,147	0,315
CHR1	23723384	CHR1:23723384	SSF x LoA	-8,90810177	0,000	0,320
CHR1	23733443	CHR1:23733443	SSF x LoA	-8,02731647	0,118	0,294
CHR1	23733546	CHR1:23733546	SSF x LoA	-9,93478365	0,101	0,314
CHR1	23744134	CHR1:23744134	SSF x LoA	-8,12052685	0,039	0,319
CHR1	23744220	CHR1:23744220	SSF x LoA	-11,7800466	0,057	0,311
CHR1	23746015	CHR1:23746015	SSF x LoA	-7,12699869	-0,148	0,293
CHR1	23746063	CHR1:23746063	SSF x LoA	-9,14084773	0,075	0,299
CHR1	23746210	CHR1:23746210	SSF x LoA	-9,13277082	-0,139	0,298
CHR1	23750778	CHR1:23750778	SSF x LoA	-8,45959021	-0,093	0,300
CHR1	23750887	CHR1:23750887	SSF x LoA	-10,9791729	-0,028	0,313
CHR1	2375675	CHR1:2375675	SSF x LoA	-6,33282705	0,060	0,309
CHR1	2375773	CHR1:2375773	SSF x LoA	-10,2614597	0,010	0,304
CHR1	23761157	CHR1:23761157	SSF x LoA	-7,63709058	-0,030	0,317
CHR1	23761243	CHR1:23761243	SSF x LoA	-9,25084407	0,088	0,317
CHR1	23777167	CHR1:23777167	SSF x LoA	-11,1712979	-0,020	0,306
CHR1	2378088	CHR1:2378088	SSF x LoA	-7,69516436	-0,052	0,296
CHR1	23809351	CHR1:23809351	SSF x LoA	-9,77289117	-0,109	0,294
CHR1	23809389	CHR1:23809389	SSF x LoA	-10,0043253	-0,089	0,296
CHR1	23809391	CHR1:23809391	SSF x LoA	-9,22567433	-0,071	0,317
CHR1	23829002	CHR1:23829002	SSF x LoA	-8,49840848	0,059	0,304
CHR1	23829181	CHR1:23829181	SSF x LoA	-9,48933669	0,036	0,310
CHR1	23829187	CHR1:23829187	SSF x LoA	-9,56409087	0,061	0,298
CHR1	23829189	CHR1:23829189	SSF x LoA	-8,06285409	-0,063	0,317
CHR1	23838092	CHR1:23838092	SSF x LoA	-8,31739729	-0,101	0,298
CHR1	23838171	CHR1:23838171	SSF x LoA	-10,871332	-0,071	0,308
CHR1	23838192	CHR1:23838192	SSF x LoA	-6,02215165	-0,082	0,316
CHR1	23838238	CHR1:23838238	SSF x LoA	-8,96935083	-0,066	0,307
CHR1	23838243	CHR1:23838243	SSF x LoA	-7,13816644	-0,115	0,314
CHR1	23844064	CHR1:23844064	SSF x LoA	-10,2548689	0,099	0,311
CHR1	23859876	CHR1:23859876	SSF x LoA	-10,6990525	-0,044	0,296
CHR1	23860088	CHR1:23860088	SSF x LoA	-8,15436914	0,074	0,311
CHR1	23860153	CHR1:23860153	SSF x LoA	-10,9055142	0,025	0,299
CHR1	23864067	CHR1:23864067	SSF x LoA	-9,31267207	0,059	0,311
CHR1	23864215	CHR1:23864215	SSF x LoA	-11,5390308	-0,034	0,310

CHR1	23864216	CHR1:23864216	SSF x LoA	-9,77038413	-0,008	0,308
CHR1	23864229	CHR1:23864229	SSF x LoA	-11,795188	-0,025	0,304
CHR1	23864248	CHR1:23864248	SSF x LoA	-8,59434005	0,038	0,320
CHR1	23866756	CHR1:23866756	SSF x LoA	-9,79369218	0,061	0,315
CHR1	23884767	CHR1:23884767	SSF x LoA	-8,82490418	-0,014	0,321
CHR1	23884818	CHR1:23884818	SSF x LoA	-11,9039762	0,056	0,291
CHR1	23884826	CHR1:23884826	SSF x LoA	-8,87832897	-0,028	0,301
CHR1	2388734	CHR1:2388734	SSF x LoA	-10,3206974	-0,051	0,317
CHR1	23890709	CHR1:23890709	SSF x LoA	-7,7652361	0,040	0,294
CHR1	23890715	CHR1:23890715	SSF x LoA	-10,0730197	-0,054	0,305
CHR1	23890747	CHR1:23890747	SSF x LoA	-10,6685309	-0,061	0,304
CHR1	23896943	CHR1:23896943	SSF x LoA	-6,41918738	0,067	0,314
CHR1	23898551	CHR1:23898551	SSF x LoA	-10,3222547	0,013	0,311
CHR1	23898638	CHR1:23898638	SSF x LoA	-8,52126025	0,127	0,297
CHR1	23898709	CHR1:23898709	SSF x LoA	-9,12165881	-0,113	0,299
CHR1	23898728	CHR1:23898728	SSF x LoA	-11,188936	0,026	0,311
CHR1	23901776	CHR1:23901776	SSF x LoA	-7,67873718	0,081	0,298
CHR1	23901782	CHR1:23901782	SSF x LoA	-6,30221009	0,078	0,316
CHR1	23901896	CHR1:23901896	SSF x LoA	-6,92664934	-0,078	0,318
CHR1	23904084	CHR1:23904084	SSF x LoA	-9,0767285	0,107	0,296
CHR1	23904095	CHR1:23904095	SSF x LoA	-6,41277753	-0,209	0,296
CHR1	23904592	CHR1:23904592	SSF x LoA	-10,2069659	0,119	0,307
CHR1	23904618	CHR1:23904618	SSF x LoA	-10,5554995	0,004	0,318
CHR1	23904688	CHR1:23904688	SSF x LoA	-5,4073968	-0,128	0,301
CHR1	23911009	CHR1:23911009	SSF x LoA	-5,74807474	-0,117	0,308
CHR1	23911163	CHR1:23911163	SSF x LoA	-8,16842139	-0,084	0,317
CHR1	23911201	CHR1:23911201	SSF x LoA	-8,47208601	-0,097	0,305
CHR1	23914267	CHR1:23914267	SSF x LoA	-10,899682	-0,038	0,316
CHR1	23914268	CHR1:23914268	SSF x LoA	-10,6183433	-0,012	0,308
CHR1	23914324	CHR1:23914324	SSF x LoA	-9,23263366	0,064	0,308
CHR1	23914349	CHR1:23914349	SSF x LoA	-7,71955055	0,021	0,296
CHR1	23914393	CHR1:23914393	SSF x LoA	-10,0773709	-0,071	0,305
CHR1	23914414	CHR1:23914414	SSF x LoA	-10,7488208	-0,055	0,305
CHR1	23923699	CHR1:23923699	SSF x LoA	-8,31385656	-0,112	0,315
CHR1	23942897	CHR1:23942897	SSF x LoA	-9,11204819	0,136	0,299
CHR1	23942907	CHR1:23942907	SSF x LoA	-7,64325671	-0,171	0,288
CHR1	23943085	CHR1:23943085	SSF x LoA	-3,56104723	0,092	0,298
CHR1	23948936	CHR1:23948936	SSF x LoA	-10,2816517	0,020	0,290
CHR1	23962076	CHR1:23962076	SSF x LoA	-8,62207304	-0,075	0,312
CHR1	23962186	CHR1:23962186	SSF x LoA	-3,28993177	-0,292	0,283
CHR1	23985945	CHR1:23985945	SSF x LoA	-10,2819056	-0,139	0,313
CHR1	23985950	CHR1:23985950	SSF x LoA	-7,08866218	0,151	0,301
CHR1	23986216	CHR1:23986216	SSF x LoA	-10,2512185	-0,032	0,311
CHR1	23986241	CHR1:23986241	SSF x LoA	-9,84871539	-0,036	0,315
CHR1	23986316	CHR1:23986316	SSF x LoA	-11,570064	-0,048	0,312
CHR1	23986348	CHR1:23986348	SSF x LoA	-9,06144039	0,068	0,303
CHR1	23989784	CHR1:23989784	SSF x LoA	-7,73673134	-0,131	0,312
CHR1	24002030	CHR1:24002030	SSF x LoA	-10,3355731	-0,097	0,299
CHR1	24002114	CHR1:24002114	SSF x LoA	-5,10060099	0,045	0,302
CHR1	24002134	CHR1:24002134	SSF x LoA	-7,97063439	0,059	0,297
CHR1	24002152	CHR1:24002152	SSF x LoA	-11,0035717	-0,074	0,315
CHR1	24002220	CHR1:24002220	SSF x LoA	-8,73340382	0,060	0,312
CHR1	24003750	CHR1:24003750	SSF x LoA	-7,82174142	0,011	0,303

CHR1	24003827	CHR1:24003827	SSF x LoA	-7,55443588	-0,123	0,315
CHR1	24008439	CHR1:24008439	SSF x LoA	-6,64323756	-0,087	0,319
CHR1	24008521	CHR1:24008521	SSF x LoA	-8,13715711	0,087	0,310
CHR1	24012432	CHR1:24012432	SSF x LoA	-9,09161573	0,011	0,314
CHR1	24012441	CHR1:24012441	SSF x LoA	-9,17543955	0,040	0,304
CHR1	24012472	CHR1:24012472	SSF x LoA	-8,3664724	-0,044	0,317
CHR1	24012544	CHR1:24012544	SSF x LoA	-8,54878984	0,031	0,308
CHR1	24012549	CHR1:24012549	SSF x LoA	-9,92553723	0,015	0,310
CHR1	24012625	CHR1:24012625	SSF x LoA	-10,1622294	0,105	0,315
CHR1	24012638	CHR1:24012638	SSF x LoA	-5,29597706	0,040	0,299
CHR1	24012653	CHR1:24012653	SSF x LoA	-11,746932	0,006	0,301
CHR1	24014139	CHR1:24014139	SSF x LoA	-11,7214807	-0,046	0,310
CHR1	24014170	CHR1:24014170	SSF x LoA	-10,5886093	-0,069	0,303
CHR1	24020553	CHR1:24020553	SSF x LoA	-9,07878729	-0,108	0,313
CHR1	24020566	CHR1:24020566	SSF x LoA	-9,4286891	-0,023	0,299
CHR1	24020625	CHR1:24020625	SSF x LoA	-7,86202825	-0,102	0,302
CHR1	24053036	CHR1:24053036	SSF x LoA	-10,2118466	0,128	0,308
CHR1	24053101	CHR1:24053101	SSF x LoA	-10,1602516	-0,133	0,299
CHR1	24056193	CHR1:24056193	SSF x LoA	-10,2686181	-0,006	0,305
CHR1	24059758	CHR1:24059758	SSF x LoA	-10,8967398	-0,010	0,316
CHR1	24059763	CHR1:24059763	SSF x LoA	-7,85452416	0,100	0,304
CHR1	24059809	CHR1:24059809	SSF x LoA	-9,27972637	0,088	0,318
CHR1	24059977	CHR1:24059977	SSF x LoA	-9,13766338	0,052	0,309
CHR1	24076011	CHR1:24076011	SSF x LoA	-8,29638633	0,089	0,308
CHR1	24076038	CHR1:24076038	SSF x LoA	-9,57935739	0,005	0,302
CHR1	24089933	CHR1:24089933	SSF x LoA	-8,48647378	-0,082	0,312
CHR1	24126958	CHR1:24126958	SSF x LoA	-8,09755913	0,015	0,302
CHR1	24135218	CHR1:24135218	SSF x LoA	-10,7929889	-0,018	0,308
CHR1	24135229	CHR1:24135229	SSF x LoA	-9,84992634	-0,045	0,311
CHR1	24135359	CHR1:24135359	SSF x LoA	-8,94173618	0,143	0,302
CHR1	24135432	CHR1:24135432	SSF x LoA	-11,2700583	0,084	0,304
CHR1	24144741	CHR1:24144741	SSF x LoA	-8,37412924	-0,008	0,317
CHR1	24144768	CHR1:24144768	SSF x LoA	-10,9939709	-0,012	0,302
CHR1	24144845	CHR1:24144845	SSF x LoA	-9,78891946	-0,004	0,293
CHR1	24144866	CHR1:24144866	SSF x LoA	-7,95835361	0,034	0,314
CHR1	24144943	CHR1:24144943	SSF x LoA	-8,88921161	-0,009	0,317
CHR1	24155340	CHR1:24155340	SSF x LoA	-8,78061677	0,099	0,290
CHR1	24155362	CHR1:24155362	SSF x LoA	-8,85731849	0,055	0,302
CHR1	24155413	CHR1:24155413	SSF x LoA	-6,3967285	-0,237	0,276
CHR1	24155445	CHR1:24155445	SSF x LoA	-7,50161701	0,128	0,306
CHR1	24155809	CHR1:24155809	SSF x LoA	-7,83927632	-0,113	0,309
CHR1	24165848	CHR1:24165848	SSF x LoA	-7,62077539	-0,165	0,306
CHR1	24165852	CHR1:24165852	SSF x LoA	-7,6770922	0,018	0,311
CHR1	24173069	CHR1:24173069	SSF x LoA	-11,1413752	-0,081	0,300
CHR1	24173088	CHR1:24173088	SSF x LoA	-10,9851029	0,019	0,320
CHR1	24175378	CHR1:24175378	SSF x LoA	-8,66389557	0,020	0,313
CHR1	24175431	CHR1:24175431	SSF x LoA	-8,53651118	0,003	0,311
CHR1	24175453	CHR1:24175453	SSF x LoA	-9,37911282	0,051	0,306
CHR1	24175522	CHR1:24175522	SSF x LoA	-7,930593	0,030	0,318
CHR1	24175554	CHR1:24175554	SSF x LoA	-11,3121702	0,013	0,293
CHR1	24175658	CHR1:24175658	SSF x LoA	-8,29790012	-0,031	0,312
CHR1	24175660	CHR1:24175660	SSF x LoA	-7,33148525	0,004	0,316
CHR1	24186326	CHR1:24186326	SSF x LoA	-9,62618712	0,030	0,325

CHR1	24195310	CHR1:24195310	SSF x LoA	-8,46987398	-0,020	0,310
CHR1	24195367	CHR1:24195367	SSF x LoA	-6,87309007	-0,068	0,300
CHR1	24195368	CHR1:24195368	SSF x LoA	-11,2630308	-0,074	0,315
CHR1	24195416	CHR1:24195416	SSF x LoA	-8,0555297	-0,140	0,303
CHR1	24199146	CHR1:24199146	SSF x LoA	-11,7420548	0,005	0,314
CHR1	24199198	CHR1:24199198	SSF x LoA	-8,31268405	-0,035	0,310
CHR1	24199266	CHR1:24199266	SSF x LoA	-7,89562272	0,047	0,301
CHR1	2420381	CHR1:2420381	SSF x LoA	-11,5030462	-0,054	0,302
CHR1	2420399	CHR1:2420399	SSF x LoA	-8,3683408	-0,142	0,297
CHR1	2420432	CHR1:2420432	SSF x LoA	-11,7017801	-0,051	0,315
CHR1	24204339	CHR1:24204339	SSF x LoA	-11,8918472	-0,074	0,299
CHR1	24204343	CHR1:24204343	SSF x LoA	-6,47571874	-0,033	0,309
CHR1	24204369	CHR1:24204369	SSF x LoA	-10,4938506	-0,027	0,307
CHR1	24204403	CHR1:24204403	SSF x LoA	-10,009585	-0,031	0,307
CHR1	24204892	CHR1:24204892	SSF x LoA	-5,02300292	0,157	0,309
CHR1	2420750	CHR1:2420750	SSF x LoA	-6,52365838	-0,093	0,298
CHR1	24213225	CHR1:24213225	SSF x LoA	-8,49039872	-0,052	0,306
CHR1	24213243	CHR1:24213243	SSF x LoA	-9,98839137	0,034	0,298
CHR1	24213320	CHR1:24213320	SSF x LoA	-8,62844389	0,129	0,306
CHR1	24213326	CHR1:24213326	SSF x LoA	-10,3433996	0,107	0,300
CHR1	24227480	CHR1:24227480	SSF x LoA	-10,349416	0,102	0,297
CHR1	24233146	CHR1:24233146	SSF x LoA	-8,08964223	0,102	0,302
CHR1	24233165	CHR1:24233165	SSF x LoA	-9,03920942	-0,097	0,306
CHR1	24233222	CHR1:24233222	SSF x LoA	-9,16256197	-0,075	0,304
CHR1	24233228	CHR1:24233228	SSF x LoA	-9,26457836	-0,118	0,303
CHR1	24233233	CHR1:24233233	SSF x LoA	-1,75931461	0,096	0,308
CHR1	24233288	CHR1:24233288	SSF x LoA	-5,65550164	0,097	0,306
CHR1	24233289	CHR1:24233289	SSF x LoA	-9,94010169	0,044	0,306
CHR1	24233357	CHR1:24233357	SSF x LoA	-9,09212021	0,007	0,312
CHR1	24239165	CHR1:24239165	SSF x LoA	-9,48991235	-0,090	0,287
CHR1	24239187	CHR1:24239187	SSF x LoA	-10,2407364	-0,012	0,298
CHR1	24239209	CHR1:24239209	SSF x LoA	-4,01083335	0,196	0,304
CHR1	24239212	CHR1:24239212	SSF x LoA	-10,3492438	0,027	0,311
CHR1	24239243	CHR1:24239243	SSF x LoA	-9,17742406	-0,074	0,306
CHR1	24239280	CHR1:24239280	SSF x LoA	-11,1044206	0,002	0,305
CHR1	24239293	CHR1:24239293	SSF x LoA	-11,5274639	-0,099	0,285
CHR1	24241151	CHR1:24241151	SSF x LoA	-8,60893175	-0,065	0,298
CHR1	24241199	CHR1:24241199	SSF x LoA	-11,1115888	-0,011	0,301
CHR1	24241201	CHR1:24241201	SSF x LoA	-11,3912655	-0,063	0,301
CHR1	24241207	CHR1:24241207	SSF x LoA	-7,05363588	-0,039	0,299
CHR1	24241281	CHR1:24241281	SSF x LoA	-8,15898697	0,075	0,297
CHR1	24241284	CHR1:24241284	SSF x LoA	-9,51626866	-0,043	0,303
CHR1	24248718	CHR1:24248718	SSF x LoA	-10,5114048	-0,125	0,297
CHR1	24248727	CHR1:24248727	SSF x LoA	-10,0429859	-0,068	0,316
CHR1	24256249	CHR1:24256249	SSF x LoA	-10,5934303	0,065	0,309
CHR1	24256300	CHR1:24256300	SSF x LoA	-8,24669666	-0,185	0,290
CHR1	24256406	CHR1:24256406	SSF x LoA	-8,92821723	-0,189	0,272
CHR1	2425883	CHR1:2425883	SSF x LoA	-8,10098176	0,093	0,301
CHR1	24259077	CHR1:24259077	SSF x LoA	-0,28885175	-0,168	0,303
CHR1	24259126	CHR1:24259126	SSF x LoA	-8,73793143	-0,057	0,309
CHR1	24259181	CHR1:24259181	SSF x LoA	-9,35861262	-0,116	0,308
CHR1	24259214	CHR1:24259214	SSF x LoA	-8,11542121	0,105	0,304
CHR1	24259232	CHR1:24259232	SSF x LoA	-7,23549654	-0,071	0,313

CHR1	24274868	CHR1:24274868	SSF x LoA	-9,42372635	-0,043	0,312
CHR1	24274878	CHR1:24274878	SSF x LoA	-8,68254896	-0,009	0,304
CHR1	24274901	CHR1:24274901	SSF x LoA	-8,31749709	-0,033	0,319
CHR1	24274941	CHR1:24274941	SSF x LoA	-8,01667939	0,102	0,306
CHR1	24274950	CHR1:24274950	SSF x LoA	-9,18161583	0,081	0,305
CHR1	24275006	CHR1:24275006	SSF x LoA	-9,84007577	0,009	0,302
CHR1	24275042	CHR1:24275042	SSF x LoA	-10,0466393	-0,139	0,309
CHR1	24275043	CHR1:24275043	SSF x LoA	-9,41432533	-0,135	0,309
CHR1	24275063	CHR1:24275063	SSF x LoA	-9,80593757	0,055	0,311
CHR1	24283701	CHR1:24283701	SSF x LoA	-7,73728421	0,031	0,312
CHR1	24283798	CHR1:24283798	SSF x LoA	-7,65888464	0,047	0,306
CHR1	24283812	CHR1:24283812	SSF x LoA	-10,3100036	-0,132	0,296
CHR1	24283825	CHR1:24283825	SSF x LoA	-9,44145814	-0,139	0,298
CHR1	24283852	CHR1:24283852	SSF x LoA	-7,105159	0,042	0,300
CHR1	24293557	CHR1:24293557	SSF x LoA	-7,88151412	-0,126	0,295
CHR1	24293610	CHR1:24293610	SSF x LoA	-10,3696691	-0,036	0,309
CHR1	24293615	CHR1:24293615	SSF x LoA	-5,92293197	-0,065	0,294
CHR1	24293679	CHR1:24293679	SSF x LoA	-5,88691364	0,149	0,303
CHR1	24293687	CHR1:24293687	SSF x LoA	-9,01571479	-0,107	0,294
CHR1	24293699	CHR1:24293699	SSF x LoA	-9,04343464	0,162	0,302
CHR1	24307228	CHR1:24307228	SSF x LoA	-10,2476506	-0,027	0,297
CHR1	24307407	CHR1:24307407	SSF x LoA	-9,46315071	0,092	0,315
CHR1	24307444	CHR1:24307444	SSF x LoA	-5,73533402	-0,061	0,297
CHR1	24307461	CHR1:24307461	SSF x LoA	-8,59485941	-0,062	0,298
CHR1	24313647	CHR1:24313647	SSF x LoA	-11,1462025	0,020	0,305
CHR1	24316636	CHR1:24316636	SSF x LoA	-8,28215718	-0,049	0,306
CHR1	24316638	CHR1:24316638	SSF x LoA	-7,42897051	-0,070	0,309
CHR1	24317393	CHR1:24317393	SSF x LoA	-11,1267725	-0,001	0,305
CHR1	24317442	CHR1:24317442	SSF x LoA	-8,53667759	-0,113	0,318
CHR1	24317481	CHR1:24317481	SSF x LoA	-8,45708409	-0,099	0,310
CHR1	24318231	CHR1:24318231	SSF x LoA	-12,0938585	0,046	0,300
CHR1	24320680	CHR1:24320680	SSF x LoA	-11,1322788	0,038	0,304
CHR1	24324701	CHR1:24324701	SSF x LoA	-9,56300949	-0,031	0,310
CHR1	24324786	CHR1:24324786	SSF x LoA	-9,92894741	-0,095	0,305
CHR1	24324807	CHR1:24324807	SSF x LoA	-10,7169759	-0,058	0,298
CHR1	2432566	CHR1:2432566	SSF x LoA	-9,72369327	0,032	0,306
CHR1	2433628	CHR1:2433628	SSF x LoA	-11,56542	0,049	0,300
CHR1	24354757	CHR1:24354757	SSF x LoA	-8,92908099	-0,040	0,311
CHR1	24354759	CHR1:24354759	SSF x LoA	-9,26614063	-0,079	0,306
CHR1	24361952	CHR1:24361952	SSF x LoA	-6,25202559	0,004	0,319
CHR1	24365998	CHR1:24365998	SSF x LoA	-8,81413221	-0,059	0,314
CHR1	24367692	CHR1:24367692	SSF x LoA	-8,12693592	0,031	0,312
CHR1	24368353	CHR1:24368353	SSF x LoA	-8,1709608	0,085	0,315
CHR1	24372840	CHR1:24372840	SSF x LoA	-11,3349056	-0,031	0,299
CHR1	24372897	CHR1:24372897	SSF x LoA	-9,64703828	0,113	0,316
CHR1	24380517	CHR1:24380517	SSF x LoA	-10,310702	0,069	0,294
CHR1	24380532	CHR1:24380532	SSF x LoA	-8,22398144	-0,030	0,318
CHR1	24380647	CHR1:24380647	SSF x LoA	-6,69192177	0,080	0,298
CHR1	24380685	CHR1:24380685	SSF x LoA	-9,14545653	-0,115	0,300
CHR1	24380707	CHR1:24380707	SSF x LoA	-8,06999425	-0,119	0,300
CHR1	24383118	CHR1:24383118	SSF x LoA	-10,5186796	-0,018	0,311
CHR1	24383128	CHR1:24383128	SSF x LoA	-8,55212795	0,040	0,310
CHR1	24400503	CHR1:24400503	SSF x LoA	-10,5524845	0,127	0,306

CHR1	24400610	CHR1:24400610	SSF x LoA	-8,82210149	0,051	0,308
CHR1	24400623	CHR1:24400623	SSF x LoA	-9,01604826	0,089	0,306
CHR1	24411414	CHR1:24411414	SSF x LoA	-10,062804	-0,022	0,323
CHR1	24411474	CHR1:24411474	SSF x LoA	-4,03925448	-0,114	0,312
CHR1	24421857	CHR1:24421857	SSF x LoA	-10,3904588	-0,131	0,298
CHR1	24421930	CHR1:24421930	SSF x LoA	-7,47281347	-0,137	0,307
CHR1	2443755	CHR1:2443755	SSF x LoA	-8,39093541	0,139	0,293
CHR1	2443828	CHR1:2443828	SSF x LoA	-8,80560648	0,131	0,303
CHR1	2443858	CHR1:2443858	SSF x LoA	-7,44875735	0,148	0,298
CHR1	24450706	CHR1:24450706	SSF x LoA	-8,40902785	0,025	0,313
CHR1	24450791	CHR1:24450791	SSF x LoA	-8,30973428	0,103	0,299
CHR1	24453477	CHR1:24453477	SSF x LoA	-9,10249494	0,029	0,309
CHR1	24453486	CHR1:24453486	SSF x LoA	-9,6915722	0,039	0,301
CHR1	24453830	CHR1:24453830	SSF x LoA	-6,82753591	0,109	0,289
CHR1	24453842	CHR1:24453842	SSF x LoA	-8,70471807	0,092	0,290
CHR1	24453879	CHR1:24453879	SSF x LoA	-9,43490196	-0,091	0,305
CHR1	24457857	CHR1:24457857	SSF x LoA	-5,34089026	0,010	0,303
CHR1	24457960	CHR1:24457960	SSF x LoA	-9,264954	-0,015	0,305
CHR1	2446050	CHR1:2446050	SSF x LoA	-8,03745842	0,046	0,318
CHR1	24462443	CHR1:24462443	SSF x LoA	-8,17113105	-0,080	0,298
CHR1	24469739	CHR1:24469739	SSF x LoA	-5,48933611	0,161	0,300
CHR1	24469771	CHR1:24469771	SSF x LoA	-6,75390208	0,146	0,302
CHR1	24484586	CHR1:24484586	SSF x LoA	-10,9834494	0,033	0,303
CHR1	24492294	CHR1:24492294	SSF x LoA	-8,67001567	-0,042	0,312
CHR1	24492530	CHR1:24492530	SSF x LoA	-11,6303102	-0,025	0,300
CHR1	24494062	CHR1:24494062	SSF x LoA	-9,58787603	0,127	0,291
CHR1	2449765	CHR1:2449765	SSF x LoA	-10,0392317	0,078	0,296
CHR1	24499135	CHR1:24499135	SSF x LoA	-8,43110657	-0,069	0,297
CHR1	24499139	CHR1:24499139	SSF x LoA	-8,05576405	-0,125	0,295
CHR1	24506029	CHR1:24506029	SSF x LoA	-7,76618305	-0,051	0,310
CHR1	24506104	CHR1:24506104	SSF x LoA	-4,43014569	-0,092	0,296
CHR1	24510274	CHR1:24510274	SSF x LoA	-6,37021537	-0,125	0,293
CHR1	24510329	CHR1:24510329	SSF x LoA	-10,9801801	0,087	0,290
CHR1	24510330	CHR1:24510330	SSF x LoA	-11,0541806	0,097	0,299
CHR1	24516130	CHR1:24516130	SSF x LoA	-8,16035831	-0,040	0,326
CHR1	24516137	CHR1:24516137	SSF x LoA	-7,81756455	0,073	0,303
CHR1	24525426	CHR1:24525426	SSF x LoA	-9,52149258	-0,015	0,302
CHR1	24525560	CHR1:24525560	SSF x LoA	-11,8021394	0,023	0,299
CHR1	24525571	CHR1:24525571	SSF x LoA	-8,46607793	0,027	0,322
CHR1	24525666	CHR1:24525666	SSF x LoA	-9,90569337	0,064	0,303
CHR1	24546822	CHR1:24546822	SSF x LoA	-7,72155657	-0,081	0,312
CHR1	24546837	CHR1:24546837	SSF x LoA	-8,75716467	-0,003	0,310
CHR1	24546863	CHR1:24546863	SSF x LoA	-5,27613739	0,014	0,319
CHR1	24546871	CHR1:24546871	SSF x LoA	-8,94777523	0,021	0,317
CHR1	24546977	CHR1:24546977	SSF x LoA	-6,14829592	0,065	0,317
CHR1	24547072	CHR1:24547072	SSF x LoA	-10,1072554	0,027	0,296
CHR1	24547073	CHR1:24547073	SSF x LoA	-9,92551192	-0,032	0,309
CHR1	24547081	CHR1:24547081	SSF x LoA	-6,09402041	-0,106	0,296
CHR1	24547084	CHR1:24547084	SSF x LoA	-8,47349225	0,059	0,313
CHR1	24549773	CHR1:24549773	SSF x LoA	-10,690247	-0,049	0,307
CHR1	24563691	CHR1:24563691	SSF x LoA	-8,17621083	-0,059	0,309
CHR1	24563694	CHR1:24563694	SSF x LoA	-8,88373245	-0,040	0,299
CHR1	24563698	CHR1:24563698	SSF x LoA	1,37984658	0,001	0,311

CHR1	24579891	CHR1:24579891	SSF x LoA	-10,9455698	-0,012	0,305
CHR1	24580117	CHR1:24580117	SSF x LoA	-8,17983685	-0,020	0,291
CHR1	24580120	CHR1:24580120	SSF x LoA	-7,97949867	-0,092	0,316
CHR1	24580122	CHR1:24580122	SSF x LoA	-8,45810431	-0,018	0,292
CHR1	24580125	CHR1:24580125	SSF x LoA	-10,8690744	-0,028	0,310
CHR1	24581834	CHR1:24581834	SSF x LoA	-10,6335982	-0,154	0,308
CHR1	24590046	CHR1:24590046	SSF x LoA	-9,79171996	-0,085	0,304
CHR1	24593232	CHR1:24593232	SSF x LoA	-10,7750014	0,011	0,301
CHR1	24593236	CHR1:24593236	SSF x LoA	-10,4039041	-0,044	0,302
CHR1	24593291	CHR1:24593291	SSF x LoA	-5,94892854	-0,017	0,317
CHR1	24593439	CHR1:24593439	SSF x LoA	-9,10326182	0,012	0,327
CHR1	24593559	CHR1:24593559	SSF x LoA	-8,99924816	0,005	0,308
CHR1	24610827	CHR1:24610827	SSF x LoA	-11,0603935	-0,009	0,303
CHR1	24610852	CHR1:24610852	SSF x LoA	-1,34827872	-0,167	0,311
CHR1	24611984	CHR1:24611984	SSF x LoA	-10,3944625	0,034	0,306
CHR1	24612003	CHR1:24612003	SSF x LoA	-9,98961612	-0,060	0,296
CHR1	2461997	CHR1:2461997	SSF x LoA	-9,78734915	0,008	0,306
CHR1	2462038	CHR1:2462038	SSF x LoA	-8,1448074	-0,099	0,293
CHR1	2462091	CHR1:2462091	SSF x LoA	-7,50786873	-0,062	0,297
CHR1	24634720	CHR1:24634720	SSF x LoA	-11,1207813	0,048	0,309
CHR1	24637196	CHR1:24637196	SSF x LoA	-10,6891744	0,008	0,289
CHR1	24637230	CHR1:24637230	SSF x LoA	-9,24036817	0,052	0,301
CHR1	24637284	CHR1:24637284	SSF x LoA	-10,5273707	-0,016	0,308
CHR1	24637300	CHR1:24637300	SSF x LoA	-9,16887267	0,126	0,301
CHR1	24637301	CHR1:24637301	SSF x LoA	-9,37851294	0,061	0,299
CHR1	2464678	CHR1:2464678	SSF x LoA	-10,5977611	0,074	0,312
CHR1	24654254	CHR1:24654254	SSF x LoA	-10,1663772	-0,001	0,308
CHR1	24656643	CHR1:24656643	SSF x LoA	-10,5413074	-0,122	0,297
CHR1	24670500	CHR1:24670500	SSF x LoA	-11,1059621	0,058	0,311
CHR1	24670504	CHR1:24670504	SSF x LoA	-11,037757	0,019	0,313
CHR1	24670565	CHR1:24670565	SSF x LoA	-9,54513209	0,007	0,314
CHR1	24670570	CHR1:24670570	SSF x LoA	-11,0963027	0,048	0,310
CHR1	24670655	CHR1:24670655	SSF x LoA	-7,09849382	-0,022	0,317
CHR1	24670718	CHR1:24670718	SSF x LoA	-8,18933501	-0,049	0,317
CHR1	24672899	CHR1:24672899	SSF x LoA	-9,44490108	0,029	0,309
CHR1	24672956	CHR1:24672956	SSF x LoA	-9,26726451	0,128	0,310
CHR1	24688513	CHR1:24688513	SSF x LoA	-9,6885987	-0,069	0,296
CHR1	24688537	CHR1:24688537	SSF x LoA	-10,6799462	0,099	0,299
CHR1	24691932	CHR1:24691932	SSF x LoA	-10,6344546	-0,094	0,306
CHR1	24691983	CHR1:24691983	SSF x LoA	-10,4415838	-0,051	0,314
CHR1	24694919	CHR1:24694919	SSF x LoA	-9,51294872	0,060	0,301
CHR1	24695007	CHR1:24695007	SSF x LoA	-9,0618057	0,049	0,304
CHR1	24696769	CHR1:24696769	SSF x LoA	-4,28496871	-0,065	0,328
CHR1	24696891	CHR1:24696891	SSF x LoA	-10,3686961	0,023	0,309
CHR1	24702244	CHR1:24702244	SSF x LoA	-10,6309721	0,103	0,309
CHR1	2471826	CHR1:2471826	SSF x LoA	-11,2186605	0,064	0,302
CHR1	2471879	CHR1:2471879	SSF x LoA	3,38584709	-0,015	0,311
CHR1	2472098	CHR1:2472098	SSF x LoA	-8,38835469	-0,011	0,307
CHR1	2472109	CHR1:2472109	SSF x LoA	-9,32675593	0,035	0,303
CHR1	24739583	CHR1:24739583	SSF x LoA	-8,42910884	0,116	0,300
CHR1	24743896	CHR1:24743896	SSF x LoA	-9,48873686	-0,025	0,305
CHR1	24743942	CHR1:24743942	SSF x LoA	-10,0335487	-0,058	0,306
CHR1	24743948	CHR1:24743948	SSF x LoA	-9,34312308	-0,021	0,314

CHR1	24744031	CHR1:24744031	SSF x LoA	-9,34643668	0,011	0,299
CHR1	24746198	CHR1:24746198	SSF x LoA	-9,73052312	-0,051	0,309
CHR1	24746261	CHR1:24746261	SSF x LoA	-8,63420721	0,075	0,305
CHR1	24763234	CHR1:24763234	SSF x LoA	-8,29683163	-0,004	0,312
CHR1	24763243	CHR1:24763243	SSF x LoA	-10,039494	-0,039	0,307
CHR1	24763247	CHR1:24763247	SSF x LoA	-8,25992084	0,020	0,308
CHR1	24763264	CHR1:24763264	SSF x LoA	-10,0282641	0,053	0,309
CHR1	24763267	CHR1:24763267	SSF x LoA	-9,44198328	0,032	0,310
CHR1	24763327	CHR1:24763327	SSF x LoA	-8,47089022	-0,025	0,304
CHR1	24763357	CHR1:24763357	SSF x LoA	-9,04212525	0,040	0,292
CHR1	24763366	CHR1:24763366	SSF x LoA	-9,74700133	-0,017	0,316
CHR1	24763374	CHR1:24763374	SSF x LoA	-9,5243857	0,017	0,288
CHR1	24763381	CHR1:24763381	SSF x LoA	-9,29479274	-0,023	0,319
CHR1	24769692	CHR1:24769692	SSF x LoA	-5,1218133	-0,114	0,315
CHR1	24784959	CHR1:24784959	SSF x LoA	-2,85089162	-0,253	0,280
CHR1	24787058	CHR1:24787058	SSF x LoA	-8,97439385	-0,099	0,310
CHR1	24787068	CHR1:24787068	SSF x LoA	-8,97071892	0,049	0,311
CHR1	24787122	CHR1:24787122	SSF x LoA	-10,4354644	0,051	0,305
CHR1	24787160	CHR1:24787160	SSF x LoA	-9,13973327	-0,103	0,305
CHR1	24787233	CHR1:24787233	SSF x LoA	-7,98055319	-0,164	0,303
CHR1	24787235	CHR1:24787235	SSF x LoA	-7,72263399	0,100	0,314
CHR1	24798492	CHR1:24798492	SSF x LoA	-9,16010038	-0,048	0,306
CHR1	24798571	CHR1:24798571	SSF x LoA	-10,5231489	0,014	0,302
CHR1	24798587	CHR1:24798587	SSF x LoA	-11,3964387	-0,007	0,300
CHR1	24805612	CHR1:24805612	SSF x LoA	-9,00384509	-0,057	0,307
CHR1	24805665	CHR1:24805665	SSF x LoA	-11,6406126	0,070	0,310
CHR1	24819335	CHR1:24819335	SSF x LoA	-8,84257087	0,053	0,303
CHR1	2482916	CHR1:2482916	SSF x LoA	-9,35349318	0,019	0,312
CHR1	2482988	CHR1:2482988	SSF x LoA	-9,63480738	-0,003	0,307
CHR1	24830840	CHR1:24830840	SSF x LoA	-10,2759421	0,045	0,304
CHR1	24830932	CHR1:24830932	SSF x LoA	-9,39900028	-0,095	0,301
CHR1	24835818	CHR1:24835818	SSF x LoA	-9,59762141	-0,061	0,293
CHR1	24835839	CHR1:24835839	SSF x LoA	-8,79405589	-0,045	0,305
CHR1	24835841	CHR1:24835841	SSF x LoA	-8,10285801	-0,037	0,291
CHR1	24835842	CHR1:24835842	SSF x LoA	-9,62023772	0,042	0,299
CHR1	24835898	CHR1:24835898	SSF x LoA	-6,8742124	0,040	0,302
CHR1	24836022	CHR1:24836022	SSF x LoA	-9,83472809	0,007	0,293
CHR1	24840189	CHR1:24840189	SSF x LoA	-10,4819779	0,006	0,311
CHR1	24840305	CHR1:24840305	SSF x LoA	-11,3048222	-0,042	0,308
CHR1	24840374	CHR1:24840374	SSF x LoA	-10,6683351	0,038	0,301
CHR1	24846420	CHR1:24846420	SSF x LoA	-9,34250171	0,065	0,302
CHR1	24846508	CHR1:24846508	SSF x LoA	-9,97064109	0,010	0,307
CHR1	24846515	CHR1:24846515	SSF x LoA	-9,80598798	-0,011	0,306
CHR1	24859427	CHR1:24859427	SSF x LoA	-10,4217046	0,020	0,314
CHR1	24859433	CHR1:24859433	SSF x LoA	-8,98276279	0,093	0,294
CHR1	24859532	CHR1:24859532	SSF x LoA	-11,8614428	-0,078	0,306
CHR1	24859645	CHR1:24859645	SSF x LoA	-8,17739134	0,099	0,299
CHR1	24859647	CHR1:24859647	SSF x LoA	-9,37799013	-0,009	0,311
CHR1	24859685	CHR1:24859685	SSF x LoA	-8,6360277	0,076	0,309
CHR1	24865313	CHR1:24865313	SSF x LoA	-7,69515244	0,099	0,305
CHR1	24866481	CHR1:24866481	SSF x LoA	-9,55150119	0,087	0,316
CHR1	24866606	CHR1:24866606	SSF x LoA	-10,8039734	0,153	0,293
CHR1	2487630	CHR1:2487630	SSF x LoA	-8,90061086	-0,046	0,305

CHR1	2487743	CHR1:2487743	SSF x LoA	-11,7446407	0,012	0,306
CHR1	24892688	CHR1:24892688	SSF x LoA	-7,15277481	0,075	0,308
CHR1	24892693	CHR1:24892693	SSF x LoA	-8,49741638	0,077	0,299
CHR1	24892707	CHR1:24892707	SSF x LoA	-8,67174844	0,083	0,289
CHR1	24895393	CHR1:24895393	SSF x LoA	-7,10820187	-0,104	0,307
CHR1	24912098	CHR1:24912098	SSF x LoA	-8,78373318	0,006	0,311
CHR1	24912213	CHR1:24912213	SSF x LoA	-11,175529	0,108	0,307
CHR1	24912248	CHR1:24912248	SSF x LoA	-8,52414484	0,025	0,311
CHR1	24912253	CHR1:24912253	SSF x LoA	-12,2150419	-0,020	0,299
CHR1	2491465	CHR1:2491465	SSF x LoA	-10,1867983	-0,116	0,311
CHR1	2491485	CHR1:2491485	SSF x LoA	-10,6636319	-0,050	0,314
CHR1	2491546	CHR1:2491546	SSF x LoA	-8,77202427	-0,054	0,299
CHR1	24931923	CHR1:24931923	SSF x LoA	-6,54520046	-0,174	0,311
CHR1	24934342	CHR1:24934342	SSF x LoA	-10,8055334	-0,002	0,303
CHR1	24934365	CHR1:24934365	SSF x LoA	-8,37305544	0,055	0,306
CHR1	24934579	CHR1:24934579	SSF x LoA	-8,89317821	-0,133	0,320
CHR1	24947330	CHR1:24947330	SSF x LoA	-8,34727774	0,068	0,297
CHR1	24947425	CHR1:24947425	SSF x LoA	-9,94814239	0,105	0,307
CHR1	24947525	CHR1:24947525	SSF x LoA	-8,38139967	-0,047	0,314
CHR1	24947540	CHR1:24947540	SSF x LoA	-7,20545098	0,108	0,309
CHR1	24947595	CHR1:24947595	SSF x LoA	-10,1523884	0,094	0,303
CHR1	24953832	CHR1:24953832	SSF x LoA	-5,71500306	0,179	0,294
CHR1	24953850	CHR1:24953850	SSF x LoA	-11,2922264	0,014	0,311
CHR1	24953867	CHR1:24953867	SSF x LoA	-9,95231098	0,056	0,305
CHR1	24953887	CHR1:24953887	SSF x LoA	-7,27923657	0,238	0,299
CHR1	24953890	CHR1:24953890	SSF x LoA	-11,4081321	0,011	0,304
CHR1	24953903	CHR1:24953903	SSF x LoA	-8,90239726	-0,077	0,305
CHR1	24953917	CHR1:24953917	SSF x LoA	-7,72688475	-0,097	0,306
CHR1	24958543	CHR1:24958543	SSF x LoA	-9,42195411	-0,012	0,305
CHR1	24958640	CHR1:24958640	SSF x LoA	-11,0398642	-0,002	0,305
CHR1	24964216	CHR1:24964216	SSF x LoA	-7,76800884	0,048	0,307
CHR1	24964324	CHR1:24964324	SSF x LoA	-10,5956185	-0,062	0,315
CHR1	24964344	CHR1:24964344	SSF x LoA	-7,80146766	-0,053	0,299
CHR1	24964350	CHR1:24964350	SSF x LoA	-6,81952411	0,022	0,302
CHR1	24964404	CHR1:24964404	SSF x LoA	-4,51960411	0,070	0,297
CHR1	24964410	CHR1:24964410	SSF x LoA	-7,05403906	0,101	0,312
CHR1	24964422	CHR1:24964422	SSF x LoA	-3,43119235	0,087	0,308
CHR1	24970889	CHR1:24970889	SSF x LoA	-8,80794459	0,043	0,302
CHR1	24973330	CHR1:24973330	SSF x LoA	-9,07029743	0,050	0,314
CHR1	24973333	CHR1:24973333	SSF x LoA	-8,49117976	-0,089	0,318
CHR1	24973363	CHR1:24973363	SSF x LoA	-9,36352735	-0,048	0,305
CHR1	24974549	CHR1:24974549	SSF x LoA	-10,2520103	-0,041	0,318
CHR1	24975727	CHR1:24975727	SSF x LoA	-8,65521107	-0,093	0,305
CHR1	24983019	CHR1:24983019	SSF x LoA	-7,36642018	0,079	0,310
CHR1	24983020	CHR1:24983020	SSF x LoA	-8,83157428	0,055	0,306
CHR1	24987760	CHR1:24987760	SSF x LoA	-10,1244525	0,101	0,314
CHR1	24987776	CHR1:24987776	SSF x LoA	-10,6832885	-0,083	0,303
CHR1	24987795	CHR1:24987795	SSF x LoA	-10,7769949	0,098	0,305
CHR1	2498822	CHR1:2498822	SSF x LoA	-8,97925923	-0,078	0,294
CHR1	2498911	CHR1:2498911	SSF x LoA	-9,40925921	0,049	0,299
CHR1	2499052	CHR1:2499052	SSF x LoA	-11,0030455	0,030	0,305
CHR1	24993420	CHR1:24993420	SSF x LoA	-10,1555316	-0,019	0,304
CHR1	24993464	CHR1:24993464	SSF x LoA	-8,25101972	0,075	0,302

CHR1	24993523	CHR1:24993523	SSF x LoA	-8,6296644	0,084	0,307
CHR1	24993592	CHR1:24993592	SSF x LoA	-10,8709075	0,114	0,311
CHR1	24993615	CHR1:24993615	SSF x LoA	-7,62732957	0,103	0,292
CHR1	24993652	CHR1:24993652	SSF x LoA	-11,8471692	0,046	0,308
CHR1	25001897	CHR1:25001897	SSF x LoA	-9,41598718	0,113	0,306
CHR1	25004100	CHR1:25004100	SSF x LoA	-8,71951941	-0,038	0,311
CHR1	25004211	CHR1:25004211	SSF x LoA	-8,16470919	-0,063	0,285
CHR1	25004259	CHR1:25004259	SSF x LoA	-8,8791303	0,078	0,303
CHR1	25004342	CHR1:25004342	SSF x LoA	-7,4914731	-0,074	0,305
CHR1	25004343	CHR1:25004343	SSF x LoA	-8,65330402	-0,069	0,312
CHR1	25014044	CHR1:25014044	SSF x LoA	-10,9365535	-0,104	0,291
CHR1	2503462	CHR1:2503462	SSF x LoA	-10,5257699	0,016	0,298
CHR1	25034738	CHR1:25034738	SSF x LoA	-10,3984898	-0,063	0,307
CHR1	25034837	CHR1:25034837	SSF x LoA	-9,11309304	-0,051	0,317
CHR1	25041790	CHR1:25041790	SSF x LoA	-8,66913142	-0,024	0,296
CHR1	25041816	CHR1:25041816	SSF x LoA	-7,42245951	0,078	0,307
CHR1	25041861	CHR1:25041861	SSF x LoA	-10,2750716	0,020	0,314
CHR1	25041973	CHR1:25041973	SSF x LoA	-4,8941646	-0,046	0,315
CHR1	25051346	CHR1:25051346	SSF x LoA	-10,6821208	-0,085	0,314
CHR1	25051489	CHR1:25051489	SSF x LoA	-10,4401023	-0,013	0,315
CHR1	25063643	CHR1:25063643	SSF x LoA	-8,53406604	0,032	0,310
CHR1	25063646	CHR1:25063646	SSF x LoA	-9,50198631	0,044	0,304
CHR1	25063696	CHR1:25063696	SSF x LoA	-8,03887633	0,082	0,319
CHR1	25063767	CHR1:25063767	SSF x LoA	-8,74682905	0,031	0,303
CHR1	25063796	CHR1:25063796	SSF x LoA	-7,72501823	0,003	0,305
CHR1	25063799	CHR1:25063799	SSF x LoA	-9,11814737	-0,019	0,309
CHR1	25063802	CHR1:25063802	SSF x LoA	-8,51501185	-0,004	0,308
CHR1	25063840	CHR1:25063840	SSF x LoA	-8,72332651	0,003	0,310
CHR1	25063858	CHR1:25063858	SSF x LoA	-6,68765708	-0,008	0,314
CHR1	25063879	CHR1:25063879	SSF x LoA	-8,87411123	0,008	0,303
CHR1	2507091	CHR1:2507091	SSF x LoA	-7,8401734	-0,101	0,304
CHR1	2507105	CHR1:2507105	SSF x LoA	-8,22188719	0,060	0,300
CHR1	2507177	CHR1:2507177	SSF x LoA	-8,72686898	0,116	0,304
CHR1	25073260	CHR1:25073260	SSF x LoA	-10,4165781	-0,002	0,307
CHR1	25073387	CHR1:25073387	SSF x LoA	-7,92888899	-0,086	0,308
CHR1	25073423	CHR1:25073423	SSF x LoA	-8,43151664	0,022	0,309
CHR1	25073448	CHR1:25073448	SSF x LoA	-8,08049071	0,051	0,310
CHR1	25073458	CHR1:25073458	SSF x LoA	-8,92417141	0,077	0,301
CHR1	25073473	CHR1:25073473	SSF x LoA	-6,61193764	-0,065	0,303
CHR1	25075460	CHR1:25075460	SSF x LoA	-11,810971	0,019	0,302
CHR1	25075576	CHR1:25075576	SSF x LoA	-10,1216017	-0,038	0,309
CHR1	25075582	CHR1:25075582	SSF x LoA	-8,29623225	-0,009	0,327
CHR1	25075603	CHR1:25075603	SSF x LoA	-3,92903048	-0,149	0,292
CHR1	25075665	CHR1:25075665	SSF x LoA	-9,49505291	-0,063	0,295
CHR1	25075693	CHR1:25075693	SSF x LoA	-7,76074182	-0,009	0,307
CHR1	25083223	CHR1:25083223	SSF x LoA	-9,94897282	-0,054	0,318
CHR1	25083247	CHR1:25083247	SSF x LoA	-7,4984801	-0,023	0,309
CHR1	25084109	CHR1:25084109	SSF x LoA	-8,43645638	0,056	0,300
CHR1	25095809	CHR1:25095809	SSF x LoA	-8,04924531	0,019	0,314
CHR1	25115683	CHR1:25115683	SSF x LoA	-8,38113352	-0,083	0,313
CHR1	25115740	CHR1:25115740	SSF x LoA	-9,02505134	-0,029	0,308
CHR1	25128192	CHR1:25128192	SSF x LoA	-10,8183226	-0,036	0,307
CHR1	25152948	CHR1:25152948	SSF x LoA	-8,57722565	-0,028	0,309

CHR1	25161634	CHR1:25161634	SSF x LoA	-6,9765005	0,009	0,310
CHR1	25164227	CHR1:25164227	SSF x LoA	-11,1261827	0,050	0,302
CHR1	25164285	CHR1:25164285	SSF x LoA	-7,77983249	0,077	0,315
CHR1	25165649	CHR1:25165649	SSF x LoA	-6,9804554	-0,029	0,307
CHR1	25165663	CHR1:25165663	SSF x LoA	-10,4116115	-0,004	0,303
CHR1	25167184	CHR1:25167184	SSF x LoA	-10,8567848	-0,002	0,311
CHR1	25167342	CHR1:25167342	SSF x LoA	-7,56347781	0,120	0,305
CHR1	25167396	CHR1:25167396	SSF x LoA	-9,5802232	0,036	0,292
CHR1	25177399	CHR1:25177399	SSF x LoA	-11,2829516	0,023	0,317
CHR1	25189672	CHR1:25189672	SSF x LoA	-8,48845176	-0,096	0,305
CHR1	25189975	CHR1:25189975	SSF x LoA	-8,97532212	-0,007	0,304
CHR1	25194287	CHR1:25194287	SSF x LoA	-8,51742838	0,086	0,308
CHR1	25194295	CHR1:25194295	SSF x LoA	-2,8134774	0,102	0,306
CHR1	25194309	CHR1:25194309	SSF x LoA	-8,48204348	0,093	0,310
CHR1	25194333	CHR1:25194333	SSF x LoA	-8,13937288	0,092	0,309
CHR1	25194356	CHR1:25194356	SSF x LoA	-8,07248462	0,068	0,314
CHR1	25194358	CHR1:25194358	SSF x LoA	-7,88079854	0,104	0,309
CHR1	25194361	CHR1:25194361	SSF x LoA	-7,17109305	-0,078	0,317
CHR1	25196794	CHR1:25196794	SSF x LoA	-8,45246542	-0,033	0,324
CHR1	25198148	CHR1:25198148	SSF x LoA	-9,37072077	-0,052	0,309
CHR1	25198267	CHR1:25198267	SSF x LoA	-7,37559344	0,076	0,313
CHR1	25198307	CHR1:25198307	SSF x LoA	-10,9159941	0,050	0,315
CHR1	251987	CHR1:251987	SSF x LoA	-11,3797856	0,041	0,303
CHR1	25200622	CHR1:25200622	SSF x LoA	-8,7933207	-0,041	0,305
CHR1	25227003	CHR1:25227003	SSF x LoA	-10,3762749	0,063	0,311
CHR1	25231625	CHR1:25231625	SSF x LoA	-9,45390438	-0,017	0,310
CHR1	25255564	CHR1:25255564	SSF x LoA	-9,34302912	0,081	0,308
CHR1	25261357	CHR1:25261357	SSF x LoA	-11,8228319	0,048	0,320
CHR1	25261366	CHR1:25261366	SSF x LoA	-8,60105893	-0,113	0,299
CHR1	25261543	CHR1:25261543	SSF x LoA	-8,85246356	0,008	0,302
CHR1	25261593	CHR1:25261593	SSF x LoA	-5,05780659	-0,043	0,328
CHR1	25261623	CHR1:25261623	SSF x LoA	-11,255762	-0,068	0,300
CHR1	25263868	CHR1:25263868	SSF x LoA	-9,30851865	-0,066	0,297
CHR1	25263877	CHR1:25263877	SSF x LoA	-7,8809949	-0,099	0,308
CHR1	2530119	CHR1:2530119	SSF x LoA	-10,1062858	0,052	0,323
CHR1	25302041	CHR1:25302041	SSF x LoA	-9,55304783	-0,042	0,312
CHR1	25302085	CHR1:25302085	SSF x LoA	-9,89599205	0,043	0,297
CHR1	2530977	CHR1:2530977	SSF x LoA	-10,6175003	-0,005	0,316
CHR1	2531027	CHR1:2531027	SSF x LoA	-9,38644364	0,049	0,309
CHR1	2531048	CHR1:2531048	SSF x LoA	-9,13102678	0,035	0,309
CHR1	2531159	CHR1:2531159	SSF x LoA	-9,01910602	-0,023	0,309
CHR1	25347034	CHR1:25347034	SSF x LoA	-10,0285282	-0,085	0,310
CHR1	25347046	CHR1:25347046	SSF x LoA	-12,2391474	-0,007	0,308
CHR1	25347051	CHR1:25347051	SSF x LoA	-8,6432474	0,129	0,293
CHR1	25347080	CHR1:25347080	SSF x LoA	-9,77983679	0,039	0,311
CHR1	25347098	CHR1:25347098	SSF x LoA	-9,08461003	0,069	0,303
CHR1	25347099	CHR1:25347099	SSF x LoA	-8,99040176	0,103	0,309
CHR1	25352071	CHR1:25352071	SSF x LoA	-10,6013213	0,085	0,304
CHR1	25352112	CHR1:25352112	SSF x LoA	-11,8102791	0,059	0,301
CHR1	25352122	CHR1:25352122	SSF x LoA	-9,21788769	-0,005	0,319
CHR1	25357756	CHR1:25357756	SSF x LoA	-9,50052872	-0,010	0,312
CHR1	25372089	CHR1:25372089	SSF x LoA	-11,0919651	-0,069	0,305
CHR1	25372116	CHR1:25372116	SSF x LoA	-9,27839193	0,106	0,287

CHR1	25376323	CHR1:25376323	SSF x LoA	-10,8247173	0,002	0,295
CHR1	25376381	CHR1:25376381	SSF x LoA	-8,25991128	0,096	0,316
CHR1	25376464	CHR1:25376464	SSF x LoA	-8,58441111	-0,052	0,318
CHR1	25376538	CHR1:25376538	SSF x LoA	-10,0876929	-0,056	0,307
CHR1	25376547	CHR1:25376547	SSF x LoA	-0,79229817	-0,069	0,310
CHR1	25376557	CHR1:25376557	SSF x LoA	-9,67167479	-0,062	0,309
CHR1	25388437	CHR1:25388437	SSF x LoA	-9,51089518	0,051	0,311
CHR1	25389246	CHR1:25389246	SSF x LoA	-8,75341886	0,020	0,317
CHR1	25389290	CHR1:25389290	SSF x LoA	-10,0593907	-0,002	0,312
CHR1	25389311	CHR1:25389311	SSF x LoA	-11,4049936	-0,048	0,305
CHR1	25393452	CHR1:25393452	SSF x LoA	-8,65844375	0,101	0,293
CHR1	25393454	CHR1:25393454	SSF x LoA	-11,1043998	0,006	0,308
CHR1	25393507	CHR1:25393507	SSF x LoA	-10,9421267	-0,117	0,306
CHR1	25395991	CHR1:25395991	SSF x LoA	-11,3001077	-0,024	0,314
CHR1	25396074	CHR1:25396074	SSF x LoA	-8,38352571	-0,003	0,299
CHR1	25396170	CHR1:25396170	SSF x LoA	-9,69358959	-0,050	0,316
CHR1	25399671	CHR1:25399671	SSF x LoA	-8,85614248	0,083	0,319
CHR1	254010	CHR1:254010	SSF x LoA	-9,53196396	0,057	0,306
CHR1	25414092	CHR1:25414092	SSF x LoA	-10,4219264	-0,018	0,310
CHR1	25414157	CHR1:25414157	SSF x LoA	-10,7795157	0,061	0,311
CHR1	25414195	CHR1:25414195	SSF x LoA	-4,99755759	-0,017	0,313
CHR1	25422039	CHR1:25422039	SSF x LoA	-8,17754649	0,108	0,303
CHR1	25422071	CHR1:25422071	SSF x LoA	-8,70193431	-0,002	0,311
CHR1	25422085	CHR1:25422085	SSF x LoA	-8,67283393	0,042	0,295
CHR1	25426638	CHR1:25426638	SSF x LoA	-7,38380316	-0,031	0,308
CHR1	25430295	CHR1:25430295	SSF x LoA	-9,37402841	0,016	0,310
CHR1	25430351	CHR1:25430351	SSF x LoA	-7,18182825	0,182	0,304
CHR1	25430399	CHR1:25430399	SSF x LoA	-6,64228567	-0,102	0,318
CHR1	25430405	CHR1:25430405	SSF x LoA	-6,79857518	-0,104	0,315
CHR1	25434347	CHR1:25434347	SSF x LoA	-9,21434222	-0,080	0,314
CHR1	25441758	CHR1:25441758	SSF x LoA	-8,54453075	0,116	0,300
CHR1	2544883	CHR1:2544883	SSF x LoA	-7,90817334	0,062	0,300
CHR1	254501	CHR1:254501	SSF x LoA	-9,06786854	0,063	0,310
CHR1	25451816	CHR1:25451816	SSF x LoA	-10,1696717	-0,020	0,317
CHR1	25451818	CHR1:25451818	SSF x LoA	-6,73797287	-0,101	0,290
CHR1	25451829	CHR1:25451829	SSF x LoA	-9,49074306	0,146	0,306
CHR1	25451945	CHR1:25451945	SSF x LoA	-10,1095378	0,038	0,301
CHR1	25452233	CHR1:25452233	SSF x LoA	-11,7008677	0,079	0,302
CHR1	25452360	CHR1:25452360	SSF x LoA	-9,61156517	-0,011	0,313
CHR1	2545794	CHR1:2545794	SSF x LoA	-10,7880136	0,056	0,314
CHR1	2545810	CHR1:2545810	SSF x LoA	-9,54233036	0,093	0,299
CHR1	2545814	CHR1:2545814	SSF x LoA	-8,57835255	0,103	0,298
CHR1	25459513	CHR1:25459513	SSF x LoA	-6,16333574	-0,034	0,310
CHR1	25459537	CHR1:25459537	SSF x LoA	-9,88163028	-0,088	0,307
CHR1	25459575	CHR1:25459575	SSF x LoA	-9,92810871	-0,008	0,322
CHR1	25459611	CHR1:25459611	SSF x LoA	-9,20063449	-0,058	0,309
CHR1	25459612	CHR1:25459612	SSF x LoA	-9,93290485	-0,057	0,303
CHR1	25459614	CHR1:25459614	SSF x LoA	-10,494113	-0,046	0,298
CHR1	25459618	CHR1:25459618	SSF x LoA	-11,0257353	-0,070	0,294
CHR1	25459621	CHR1:25459621	SSF x LoA	-7,73643705	-0,017	0,310
CHR1	25459622	CHR1:25459622	SSF x LoA	-11,1625893	-0,027	0,302
CHR1	25459623	CHR1:25459623	SSF x LoA	-11,2010814	-0,057	0,304
CHR1	25459674	CHR1:25459674	SSF x LoA	-5,07581954	-0,105	0,295

CHR1	2545999	CHR1:2545999	SSF x LoA	-8,59098342	-0,060	0,309
CHR1	25465614	CHR1:25465614	SSF x LoA	-10,9481369	0,088	0,299
CHR1	25465618	CHR1:25465618	SSF x LoA	-9,85089584	-0,023	0,288
CHR1	25467794	CHR1:25467794	SSF x LoA	-7,39753893	-0,129	0,317
CHR1	25472167	CHR1:25472167	SSF x LoA	-8,06572429	-0,101	0,302
CHR1	25472176	CHR1:25472176	SSF x LoA	-9,04241766	-0,028	0,296
CHR1	25472198	CHR1:25472198	SSF x LoA	-8,71800962	-0,066	0,316
CHR1	25478156	CHR1:25478156	SSF x LoA	-8,8300274	-0,012	0,299
CHR1	25478161	CHR1:25478161	SSF x LoA	-9,21366532	-0,053	0,313
CHR1	25478184	CHR1:25478184	SSF x LoA	-7,84827876	0,075	0,307
CHR1	25481755	CHR1:25481755	SSF x LoA	-8,15627882	0,004	0,324
CHR1	25481804	CHR1:25481804	SSF x LoA	-7,78324735	0,132	0,297
CHR1	25492264	CHR1:25492264	SSF x LoA	-7,56969038	-0,142	0,295
CHR1	25492320	CHR1:25492320	SSF x LoA	-4,8879745	-0,172	0,304
CHR1	25492436	CHR1:25492436	SSF x LoA	-7,59122134	-0,130	0,296
CHR1	25492446	CHR1:25492446	SSF x LoA	-7,79013771	-0,147	0,301
CHR1	25512527	CHR1:25512527	SSF x LoA	-8,9471213	0,021	0,310
CHR1	25512579	CHR1:25512579	SSF x LoA	-11,5259767	-0,002	0,311
CHR1	25512605	CHR1:25512605	SSF x LoA	-8,59473862	0,003	0,310
CHR1	25517909	CHR1:25517909	SSF x LoA	-8,78253259	-0,121	0,308
CHR1	25518095	CHR1:25518095	SSF x LoA	-4,72787	0,085	0,301
CHR1	25522723	CHR1:25522723	SSF x LoA	-9,67620171	-0,013	0,322
CHR1	25522793	CHR1:25522793	SSF x LoA	-8,91869534	0,036	0,314
CHR1	25522824	CHR1:25522824	SSF x LoA	-8,59915528	0,058	0,305
CHR1	25530690	CHR1:25530690	SSF x LoA	-9,3408039	-0,030	0,312
CHR1	25530806	CHR1:25530806	SSF x LoA	-8,70573796	0,036	0,310
CHR1	25530811	CHR1:25530811	SSF x LoA	-7,86174053	0,034	0,313
CHR1	25530813	CHR1:25530813	SSF x LoA	-10,7897255	-0,076	0,300
CHR1	25530858	CHR1:25530858	SSF x LoA	-11,5201131	-0,023	0,316
CHR1	25530905	CHR1:25530905	SSF x LoA	-9,12948917	0,026	0,302
CHR1	25535699	CHR1:25535699	SSF x LoA	-10,0102706	0,050	0,307
CHR1	25535713	CHR1:25535713	SSF x LoA	-9,99734102	0,045	0,306
CHR1	25552288	CHR1:25552288	SSF x LoA	-8,93870201	-0,005	0,311
CHR1	25552326	CHR1:25552326	SSF x LoA	-10,7558431	-0,026	0,305
CHR1	25553491	CHR1:25553491	SSF x LoA	-10,4664812	0,065	0,311
CHR1	25555490	CHR1:25555490	SSF x LoA	-9,87805663	0,017	0,296
CHR1	25563933	CHR1:25563933	SSF x LoA	-9,97461971	-0,035	0,309
CHR1	25563953	CHR1:25563953	SSF x LoA	-10,2911087	-0,065	0,302
CHR1	25567709	CHR1:25567709	SSF x LoA	-9,02249392	-0,084	0,319
CHR1	25567798	CHR1:25567798	SSF x LoA	-9,91759638	0,033	0,313
CHR1	25570735	CHR1:25570735	SSF x LoA	-10,7777156	-0,067	0,303
CHR1	25570740	CHR1:25570740	SSF x LoA	-3,62896496	-0,149	0,288
CHR1	25570789	CHR1:25570789	SSF x LoA	-6,5380829	0,130	0,307
CHR1	25570803	CHR1:25570803	SSF x LoA	-11,3686405	-0,001	0,292
CHR1	25570811	CHR1:25570811	SSF x LoA	-7,10966148	0,117	0,292
CHR1	25570841	CHR1:25570841	SSF x LoA	-10,8964225	-0,011	0,296
CHR1	25570897	CHR1:25570897	SSF x LoA	-4,56769418	0,002	0,309
CHR1	25570918	CHR1:25570918	SSF x LoA	-9,61861636	-0,119	0,297
CHR1	25576321	CHR1:25576321	SSF x LoA	-11,0304977	0,001	0,311
CHR1	25576350	CHR1:25576350	SSF x LoA	-10,6261435	-0,030	0,309
CHR1	25576394	CHR1:25576394	SSF x LoA	-6,89569887	-0,063	0,316
CHR1	25584646	CHR1:25584646	SSF x LoA	-11,7167401	-0,036	0,305
CHR1	25584661	CHR1:25584661	SSF x LoA	-7,52327805	-0,024	0,326

CHR1	25584672	CHR1:25584672	SSF x LoA	-8,69812287	-0,019	0,306
CHR1	25586278	CHR1:25586278	SSF x LoA	-8,50821639	0,079	0,292
CHR1	25586339	CHR1:25586339	SSF x LoA	-9,88441797	-0,013	0,309
CHR1	25588473	CHR1:25588473	SSF x LoA	-6,65958188	-0,023	0,315
CHR1	25588533	CHR1:25588533	SSF x LoA	-10,9110624	0,049	0,313
CHR1	25589023	CHR1:25589023	SSF x LoA	-11,4931301	-0,067	0,313
CHR1	25589050	CHR1:25589050	SSF x LoA	-11,5282563	-0,004	0,304
CHR1	25600146	CHR1:25600146	SSF x LoA	-8,16429991	0,146	0,301
CHR1	25600223	CHR1:25600223	SSF x LoA	-7,26561436	-0,121	0,286
CHR1	25600412	CHR1:25600412	SSF x LoA	-10,757639	0,044	0,295
CHR1	2560107	CHR1:2560107	SSF x LoA	-8,73711178	-0,052	0,296
CHR1	25601668	CHR1:25601668	SSF x LoA	-10,0474296	-0,110	0,302
CHR1	25601791	CHR1:25601791	SSF x LoA	-9,12096794	-0,053	0,303
CHR1	25609599	CHR1:25609599	SSF x LoA	-10,3428405	0,005	0,300
CHR1	25609656	CHR1:25609656	SSF x LoA	-10,1830694	0,097	0,313
CHR1	25611330	CHR1:25611330	SSF x LoA	-7,1523071	-0,032	0,313
CHR1	25612516	CHR1:25612516	SSF x LoA	-11,1654496	0,032	0,311
CHR1	25634427	CHR1:25634427	SSF x LoA	-8,68695326	-0,091	0,322
CHR1	25639815	CHR1:25639815	SSF x LoA	-9,92916983	0,024	0,307
CHR1	25639818	CHR1:25639818	SSF x LoA	-11,3087279	-0,028	0,300
CHR1	25639841	CHR1:25639841	SSF x LoA	-11,2892355	0,000	0,289
CHR1	25639921	CHR1:25639921	SSF x LoA	-10,4267497	-0,014	0,303
CHR1	25639993	CHR1:25639993	SSF x LoA	-12,1530248	-0,046	0,298
CHR1	25640008	CHR1:25640008	SSF x LoA	-6,62083802	-0,127	0,309
CHR1	25640039	CHR1:25640039	SSF x LoA	-10,7713516	0,115	0,304
CHR1	25641401	CHR1:25641401	SSF x LoA	-11,7032204	-0,021	0,298
CHR1	25641431	CHR1:25641431	SSF x LoA	-5,79431749	0,222	0,302
CHR1	25643389	CHR1:25643389	SSF x LoA	-10,0223663	0,077	0,298
CHR1	25643457	CHR1:25643457	SSF x LoA	-11,7326604	0,004	0,302
CHR1	25643495	CHR1:25643495	SSF x LoA	-10,93617	0,014	0,311
CHR1	25643585	CHR1:25643585	SSF x LoA	-10,3627177	-0,012	0,318
CHR1	25643602	CHR1:25643602	SSF x LoA	-9,40053913	0,020	0,324
CHR1	2565889	CHR1:2565889	SSF x LoA	-8,11100564	0,039	0,320
CHR1	2565903	CHR1:2565903	SSF x LoA	-8,41682583	-0,134	0,298
CHR1	25662684	CHR1:25662684	SSF x LoA	-9,75554005	0,039	0,313
CHR1	25662749	CHR1:25662749	SSF x LoA	-8,34995245	0,138	0,304
CHR1	25662755	CHR1:25662755	SSF x LoA	-10,6788607	0,024	0,305
CHR1	25662775	CHR1:25662775	SSF x LoA	-9,01125745	0,042	0,301
CHR1	25662780	CHR1:25662780	SSF x LoA	-7,37459301	-0,100	0,304
CHR1	25662824	CHR1:25662824	SSF x LoA	-9,53746188	-0,069	0,312
CHR1	25672550	CHR1:25672550	SSF x LoA	-9,31335706	-0,151	0,316
CHR1	25672551	CHR1:25672551	SSF x LoA	-7,81337843	-0,166	0,290
CHR1	25672687	CHR1:25672687	SSF x LoA	-10,7209778	0,031	0,308
CHR1	25679415	CHR1:25679415	SSF x LoA	-10,47641	-0,005	0,303
CHR1	25684126	CHR1:25684126	SSF x LoA	-8,39912718	0,035	0,314
CHR1	25684143	CHR1:25684143	SSF x LoA	-7,67890568	0,073	0,300
CHR1	25684150	CHR1:25684150	SSF x LoA	-10,9501141	0,076	0,312
CHR1	25684178	CHR1:25684178	SSF x LoA	-6,16931845	0,065	0,307
CHR1	25684276	CHR1:25684276	SSF x LoA	-9,62502426	0,037	0,308
CHR1	25684277	CHR1:25684277	SSF x LoA	-11,1012415	-0,044	0,309
CHR1	25697627	CHR1:25697627	SSF x LoA	-9,7562585	-0,020	0,319
CHR1	25710056	CHR1:25710056	SSF x LoA	-11,1294702	-0,075	0,297
CHR1	25710161	CHR1:25710161	SSF x LoA	-9,33931032	-0,010	0,297

CHR1	25710169	CHR1:25710169	SSF x LoA	-9,31280242	-0,002	0,301
CHR1	25710176	CHR1:25710176	SSF x LoA	-10,0720873	-0,055	0,285
CHR1	25710200	CHR1:25710200	SSF x LoA	-5,14432391	-0,087	0,306
CHR1	25710307	CHR1:25710307	SSF x LoA	-10,6390443	-0,090	0,310
CHR1	25712793	CHR1:25712793	SSF x LoA	-9,98905385	-0,042	0,313
CHR1	25712794	CHR1:25712794	SSF x LoA	-7,90352796	-0,107	0,308
CHR1	25712807	CHR1:25712807	SSF x LoA	-8,65971751	0,103	0,302
CHR1	25712881	CHR1:25712881	SSF x LoA	-7,13615415	-0,163	0,296
CHR1	25712987	CHR1:25712987	SSF x LoA	-7,15507772	-0,052	0,294
CHR1	25712989	CHR1:25712989	SSF x LoA	-8,15958977	-0,024	0,318
CHR1	25717974	CHR1:25717974	SSF x LoA	-5,37500944	-0,003	0,301
CHR1	25718031	CHR1:25718031	SSF x LoA	-8,02131177	0,055	0,306
CHR1	25718092	CHR1:25718092	SSF x LoA	-8,61948631	-0,045	0,311
CHR1	25726790	CHR1:25726790	SSF x LoA	-10,6368244	-0,003	0,312
CHR1	25726803	CHR1:25726803	SSF x LoA	-10,7579969	-0,020	0,315
CHR1	25726840	CHR1:25726840	SSF x LoA	-4,44820951	0,028	0,319
CHR1	25726864	CHR1:25726864	SSF x LoA	-8,15755304	-0,056	0,318
CHR1	25726908	CHR1:25726908	SSF x LoA	-10,4993879	0,162	0,290
CHR1	25726923	CHR1:25726923	SSF x LoA	-6,21903809	0,138	0,306
CHR1	25750901	CHR1:25750901	SSF x LoA	-10,9120646	0,064	0,308
CHR1	25751108	CHR1:25751108	SSF x LoA	-11,2638262	0,076	0,307
CHR1	25756758	CHR1:25756758	SSF x LoA	-12,1549009	-0,016	0,292
CHR1	25759012	CHR1:25759012	SSF x LoA	-10,9378272	0,002	0,319
CHR1	25759054	CHR1:25759054	SSF x LoA	-8,10183588	0,135	0,292
CHR1	25759087	CHR1:25759087	SSF x LoA	-8,77750697	-0,002	0,313
CHR1	25763511	CHR1:25763511	SSF x LoA	-8,59043999	0,064	0,302
CHR1	25763577	CHR1:25763577	SSF x LoA	-9,729596	0,021	0,311
CHR1	25763630	CHR1:25763630	SSF x LoA	-11,3387792	0,084	0,298
CHR1	25763892	CHR1:25763892	SSF x LoA	-8,59246197	-0,007	0,301
CHR1	25771781	CHR1:25771781	SSF x LoA	-7,61755821	0,172	0,291
CHR1	25774852	CHR1:25774852	SSF x LoA	-10,5532478	0,023	0,312
CHR1	25774861	CHR1:25774861	SSF x LoA	-9,0066976	0,014	0,317
CHR1	25774903	CHR1:25774903	SSF x LoA	-8,7056884	0,001	0,315
CHR1	25774915	CHR1:25774915	SSF x LoA	-8,74169997	0,013	0,319
CHR1	25774916	CHR1:25774916	SSF x LoA	-6,85498293	0,056	0,314
CHR1	25774939	CHR1:25774939	SSF x LoA	-6,31954041	-0,030	0,310
CHR1	25774953	CHR1:25774953	SSF x LoA	-7,64225983	0,059	0,330
CHR1	25774955	CHR1:25774955	SSF x LoA	-10,6872706	0,010	0,300
CHR1	25775087	CHR1:25775087	SSF x LoA	-11,6639702	-0,028	0,309
CHR1	25777931	CHR1:25777931	SSF x LoA	-9,77635854	0,050	0,312
CHR1	25777936	CHR1:25777936	SSF x LoA	-9,86824775	0,047	0,302
CHR1	25777948	CHR1:25777948	SSF x LoA	-9,66971478	0,122	0,288
CHR1	25777967	CHR1:25777967	SSF x LoA	0,39174795	-0,051	0,303
CHR1	25784091	CHR1:25784091	SSF x LoA	-8,93960004	-0,135	0,302
CHR1	25784118	CHR1:25784118	SSF x LoA	-9,4508776	-0,110	0,299
CHR1	25784134	CHR1:25784134	SSF x LoA	-9,23840468	-0,082	0,295
CHR1	25784174	CHR1:25784174	SSF x LoA	-10,107033	-0,011	0,313
CHR1	25784200	CHR1:25784200	SSF x LoA	-9,3191615	0,009	0,318
CHR1	25784202	CHR1:25784202	SSF x LoA	-9,91366318	-0,024	0,314
CHR1	25784215	CHR1:25784215	SSF x LoA	-7,39068444	0,026	0,314
CHR1	25789305	CHR1:25789305	SSF x LoA	-8,28225284	0,128	0,301
CHR1	25789410	CHR1:25789410	SSF x LoA	-9,7177352	0,079	0,290
CHR1	25789411	CHR1:25789411	SSF x LoA	-7,99582432	0,059	0,305

CHR1	25808496	CHR1:25808496	SSF x LoA	-9,1741956	-0,074	0,295
CHR1	25808610	CHR1:25808610	SSF x LoA	-8,00612248	0,033	0,298
CHR1	25808667	CHR1:25808667	SSF x LoA	-9,95638763	-0,009	0,318
CHR1	25810774	CHR1:25810774	SSF x LoA	-9,46077761	-0,024	0,305
CHR1	25810880	CHR1:25810880	SSF x LoA	-11,2189124	0,032	0,301
CHR1	25818917	CHR1:25818917	SSF x LoA	-8,49192978	0,013	0,302
CHR1	25819095	CHR1:25819095	SSF x LoA	-10,1144001	0,004	0,307
CHR1	25825913	CHR1:25825913	SSF x LoA	-7,12902142	0,185	0,299
CHR1	25825914	CHR1:25825914	SSF x LoA	-8,63827651	0,034	0,319
CHR1	25825920	CHR1:25825920	SSF x LoA	-3,98399569	0,202	0,289
CHR1	25825925	CHR1:25825925	SSF x LoA	-5,8738594	0,184	0,301
CHR1	25837897	CHR1:25837897	SSF x LoA	-9,90059435	-0,093	0,299
CHR1	25838139	CHR1:25838139	SSF x LoA	-9,49341501	0,066	0,301
CHR1	25838147	CHR1:25838147	SSF x LoA	-9,25175766	0,052	0,293
CHR1	25841834	CHR1:25841834	SSF x LoA	-3,77892275	0,255	0,279
CHR1	25841893	CHR1:25841893	SSF x LoA	-8,56241457	-0,113	0,302
CHR1	25841952	CHR1:25841952	SSF x LoA	-8,63999493	-0,084	0,310
CHR1	25844610	CHR1:25844610	SSF x LoA	-6,39368548	0,037	0,317
CHR1	25844723	CHR1:25844723	SSF x LoA	-9,79893172	-0,074	0,310
CHR1	25844769	CHR1:25844769	SSF x LoA	-10,7502393	-0,028	0,310
CHR1	25844776	CHR1:25844776	SSF x LoA	-8,79891256	-0,002	0,324
CHR1	25844803	CHR1:25844803	SSF x LoA	-10,4112837	0,011	0,316
CHR1	25848035	CHR1:25848035	SSF x LoA	-9,18922881	-0,102	0,290
CHR1	25848066	CHR1:25848066	SSF x LoA	-9,55642538	0,124	0,308
CHR1	25848258	CHR1:25848258	SSF x LoA	-1,2689584	0,116	0,304
CHR1	25848259	CHR1:25848259	SSF x LoA	-5,26535978	0,125	0,308
CHR1	25848273	CHR1:25848273	SSF x LoA	-11,1745124	0,075	0,307
CHR1	25854999	CHR1:25854999	SSF x LoA	-8,65532076	-0,051	0,301
CHR1	25863630	CHR1:25863630	SSF x LoA	-6,40819105	0,148	0,302
CHR1	25870003	CHR1:25870003	SSF x LoA	-9,53837191	-0,026	0,299
CHR1	25877374	CHR1:25877374	SSF x LoA	-8,96800367	-0,066	0,303
CHR1	25877380	CHR1:25877380	SSF x LoA	-11,2099062	0,051	0,291
CHR1	25877398	CHR1:25877398	SSF x LoA	-7,33525189	-0,069	0,311
CHR1	25887407	CHR1:25887407	SSF x LoA	-8,93065895	0,017	0,306
CHR1	25897160	CHR1:25897160	SSF x LoA	-7,74568251	0,095	0,302
CHR1	25919746	CHR1:25919746	SSF x LoA	-10,7161044	0,055	0,306
CHR1	25919829	CHR1:25919829	SSF x LoA	-8,37261189	0,023	0,297
CHR1	25919862	CHR1:25919862	SSF x LoA	-9,23343734	-0,045	0,307
CHR1	25919933	CHR1:25919933	SSF x LoA	-6,85353886	0,049	0,323
CHR1	25922770	CHR1:25922770	SSF x LoA	-10,1679704	0,047	0,300
CHR1	25922781	CHR1:25922781	SSF x LoA	-6,65825655	-0,193	0,290
CHR1	25922913	CHR1:25922913	SSF x LoA	-11,3615212	0,053	0,304
CHR1	2592344	CHR1:2592344	SSF x LoA	-8,95551096	-0,125	0,297
CHR1	2592675	CHR1:2592675	SSF x LoA	-10,4093594	-0,043	0,313
CHR1	25930575	CHR1:25930575	SSF x LoA	-8,40644976	-0,065	0,311
CHR1	25930673	CHR1:25930673	SSF x LoA	-8,1232914	-0,112	0,305
CHR1	25938402	CHR1:25938402	SSF x LoA	-10,40219	0,068	0,307
CHR1	25939422	CHR1:25939422	SSF x LoA	-10,847441	-0,014	0,314
CHR1	25939431	CHR1:25939431	SSF x LoA	-9,37348227	-0,019	0,315
CHR1	25950059	CHR1:25950059	SSF x LoA	-9,22484631	0,108	0,292
CHR1	25950116	CHR1:25950116	SSF x LoA	-11,8288393	0,014	0,312
CHR1	25950120	CHR1:25950120	SSF x LoA	-9,46543694	0,095	0,304
CHR1	25950318	CHR1:25950318	SSF x LoA	-9,80507044	-0,048	0,320

CHR1	25950324	CHR1:25950324	SSF x LoA	-7,89441105	-0,031	0,318
CHR1	25961034	CHR1:25961034	SSF x LoA	-10,4321815	0,098	0,306
CHR1	2596441	CHR1:2596441	SSF x LoA	-8,32961867	0,107	0,296
CHR1	2596527	CHR1:2596527	SSF x LoA	-10,3043821	-0,097	0,313
CHR1	25985978	CHR1:25985978	SSF x LoA	-8,09678216	0,137	0,302
CHR1	25986114	CHR1:25986114	SSF x LoA	-8,07656817	0,055	0,320
CHR1	25991465	CHR1:25991465	SSF x LoA	-9,33802136	-0,093	0,308
CHR1	25991483	CHR1:25991483	SSF x LoA	-11,3225168	-0,047	0,295
CHR1	25991484	CHR1:25991484	SSF x LoA	-10,8383925	-0,075	0,284
CHR1	25991506	CHR1:25991506	SSF x LoA	-11,7866875	-0,017	0,301
CHR1	25991662	CHR1:25991662	SSF x LoA	-10,6095765	-0,071	0,302
CHR1	25991663	CHR1:25991663	SSF x LoA	-10,6344894	0,098	0,308
CHR1	25991677	CHR1:25991677	SSF x LoA	-11,8090746	0,003	0,299
CHR1	25991745	CHR1:25991745	SSF x LoA	-10,672833	0,064	0,302
CHR1	25996813	CHR1:25996813	SSF x LoA	-8,35654953	-0,132	0,319
CHR1	25996975	CHR1:25996975	SSF x LoA	-8,37767246	-0,086	0,320
CHR1	25996977	CHR1:25996977	SSF x LoA	-6,96539758	-0,077	0,293
CHR1	25996995	CHR1:25996995	SSF x LoA	-10,1613054	-0,049	0,309
CHR1	26000422	CHR1:26000422	SSF x LoA	-2,50413702	0,172	0,298
CHR1	26001335	CHR1:26001335	SSF x LoA	-7,84671332	-0,123	0,309
CHR1	26007922	CHR1:26007922	SSF x LoA	-4,86211491	-0,030	0,298
CHR1	26007963	CHR1:26007963	SSF x LoA	-10,098549	0,017	0,326
CHR1	26008005	CHR1:26008005	SSF x LoA	-3,40403145	-0,198	0,288
CHR1	26008135	CHR1:26008135	SSF x LoA	-9,92357782	-0,029	0,310
CHR1	26008143	CHR1:26008143	SSF x LoA	-5,72067986	0,207	0,303
CHR1	26011537	CHR1:26011537	SSF x LoA	-8,13277292	-0,031	0,308
CHR1	26011545	CHR1:26011545	SSF x LoA	-7,05036513	0,022	0,315
CHR1	26020695	CHR1:26020695	SSF x LoA	-9,20966556	0,158	0,305
CHR1	26020721	CHR1:26020721	SSF x LoA	-9,25485198	-0,001	0,312
CHR1	26020802	CHR1:26020802	SSF x LoA	-3,59241599	0,099	0,327
CHR1	26020827	CHR1:26020827	SSF x LoA	-9,24218903	0,135	0,321
CHR1	26027285	CHR1:26027285	SSF x LoA	-9,35771119	-0,130	0,316
CHR1	26027493	CHR1:26027493	SSF x LoA	-10,910553	0,017	0,294
CHR1	26027494	CHR1:26027494	SSF x LoA	-10,9317242	0,001	0,297
CHR1	26031978	CHR1:26031978	SSF x LoA	-8,1518752	0,139	0,311
CHR1	26032080	CHR1:26032080	SSF x LoA	-6,77023109	-0,112	0,318
CHR1	26032120	CHR1:26032120	SSF x LoA	-8,88255289	0,033	0,310
CHR1	26032144	CHR1:26032144	SSF x LoA	-8,33612873	0,008	0,315
CHR1	26032169	CHR1:26032169	SSF x LoA	-11,1067837	-0,131	0,290
CHR1	26032219	CHR1:26032219	SSF x LoA	-10,5422525	0,017	0,295
CHR1	26034172	CHR1:26034172	SSF x LoA	-8,47424318	-0,108	0,308
CHR1	26034949	CHR1:26034949	SSF x LoA	-10,0548697	0,072	0,321
CHR1	26042874	CHR1:26042874	SSF x LoA	-8,19145697	0,030	0,312
CHR1	26042948	CHR1:26042948	SSF x LoA	-10,1479701	0,114	0,295
CHR1	2604762	CHR1:2604762	SSF x LoA	-7,51843715	0,092	0,297
CHR1	2604768	CHR1:2604768	SSF x LoA	-7,24992379	0,019	0,307
CHR1	2604804	CHR1:2604804	SSF x LoA	-8,64569729	0,019	0,311
CHR1	2604813	CHR1:2604813	SSF x LoA	-9,02037063	-0,087	0,325
CHR1	2604897	CHR1:2604897	SSF x LoA	-4,64111583	0,053	0,305
CHR1	2604920	CHR1:2604920	SSF x LoA	-9,46352999	0,097	0,303
CHR1	2604963	CHR1:2604963	SSF x LoA	-4,52234994	-0,136	0,302
CHR1	2604988	CHR1:2604988	SSF x LoA	-6,12645211	0,095	0,293
CHR1	2604996	CHR1:2604996	SSF x LoA	-9,67381998	0,011	0,303

CHR1	26050848	CHR1:26050848	SSF x LoA	-7,97732396	-0,047	0,307
CHR1	26054966	CHR1:26054966	SSF x LoA	-9,23961783	0,027	0,303
CHR1	26055026	CHR1:26055026	SSF x LoA	-8,06176958	0,129	0,312
CHR1	26065201	CHR1:26065201	SSF x LoA	2,90066438	-0,112	0,310
CHR1	26084522	CHR1:26084522	SSF x LoA	-7,77393145	-0,080	0,314
CHR1	26113957	CHR1:26113957	SSF x LoA	-8,82788589	0,005	0,305
CHR1	26133264	CHR1:26133264	SSF x LoA	-9,82639594	-0,076	0,303
CHR1	26138454	CHR1:26138454	SSF x LoA	-6,05131622	0,111	0,305
CHR1	26138455	CHR1:26138455	SSF x LoA	-7,58859032	0,116	0,303
CHR1	26138509	CHR1:26138509	SSF x LoA	-7,81686136	-0,051	0,311
CHR1	26138525	CHR1:26138525	SSF x LoA	-6,79494549	0,096	0,316
CHR1	26138549	CHR1:26138549	SSF x LoA	-7,17134705	0,155	0,306
CHR1	26138561	CHR1:26138561	SSF x LoA	-7,3368437	0,027	0,312
CHR1	26138614	CHR1:26138614	SSF x LoA	-8,37700711	-0,046	0,300
CHR1	2615194	CHR1:2615194	SSF x LoA	-6,51948085	0,059	0,301
CHR1	2615373	CHR1:2615373	SSF x LoA	-7,22834969	0,001	0,320
CHR1	2615374	CHR1:2615374	SSF x LoA	-9,96501998	0,025	0,308
CHR1	2615385	CHR1:2615385	SSF x LoA	-8,30293462	-0,047	0,307
CHR1	2615404	CHR1:2615404	SSF x LoA	-11,0513227	-0,031	0,306
CHR1	2615408	CHR1:2615408	SSF x LoA	-12,0036706	0,048	0,306
CHR1	2615410	CHR1:2615410	SSF x LoA	-8,11389386	-0,090	0,306
CHR1	2615429	CHR1:2615429	SSF x LoA	-11,6106842	0,019	0,315
CHR1	26157545	CHR1:26157545	SSF x LoA	-5,65466894	0,086	0,299
CHR1	26157599	CHR1:26157599	SSF x LoA	-10,8754125	0,031	0,305
CHR1	26157669	CHR1:26157669	SSF x LoA	-7,31679584	0,081	0,313
CHR1	26157686	CHR1:26157686	SSF x LoA	-7,34159668	-0,079	0,305
CHR1	26164950	CHR1:26164950	SSF x LoA	-9,44119295	-0,082	0,306
CHR1	26164987	CHR1:26164987	SSF x LoA	-11,184954	-0,033	0,303
CHR1	26171564	CHR1:26171564	SSF x LoA	-11,4692308	-0,011	0,303
CHR1	26171582	CHR1:26171582	SSF x LoA	-6,41369911	0,050	0,308
CHR1	26171587	CHR1:26171587	SSF x LoA	-10,6566209	-0,006	0,306
CHR1	26174720	CHR1:26174720	SSF x LoA	-9,0171238	-0,014	0,314
CHR1	26174885	CHR1:26174885	SSF x LoA	-10,1374454	-0,014	0,321
CHR1	26185400	CHR1:26185400	SSF x LoA	-9,10323299	-0,104	0,296
CHR1	26185577	CHR1:26185577	SSF x LoA	-7,43594043	-0,106	0,300
CHR1	26191590	CHR1:26191590	SSF x LoA	-8,22624215	0,093	0,301
CHR1	26195181	CHR1:26195181	SSF x LoA	-7,98900624	-0,082	0,306
CHR1	26198827	CHR1:26198827	SSF x LoA	-8,71728715	-0,118	0,297
CHR1	26198879	CHR1:26198879	SSF x LoA	-10,8897137	-0,056	0,294
CHR1	26198899	CHR1:26198899	SSF x LoA	-8,10539106	-0,086	0,303
CHR1	26205346	CHR1:26205346	SSF x LoA	-11,1378086	0,093	0,302
CHR1	26221778	CHR1:26221778	SSF x LoA	-9,47917268	-0,018	0,289
CHR1	26221832	CHR1:26221832	SSF x LoA	-10,4537188	0,098	0,314
CHR1	26233419	CHR1:26233419	SSF x LoA	-9,45381998	-0,100	0,322
CHR1	26241645	CHR1:26241645	SSF x LoA	-11,3469762	0,051	0,296
CHR1	26241791	CHR1:26241791	SSF x LoA	-9,74790121	-0,047	0,297
CHR1	26241802	CHR1:26241802	SSF x LoA	-9,41573817	0,015	0,305
CHR1	26241823	CHR1:26241823	SSF x LoA	-8,66935094	-0,037	0,307
CHR1	26249302	CHR1:26249302	SSF x LoA	-8,00988916	-0,109	0,301
CHR1	26249421	CHR1:26249421	SSF x LoA	-9,02817044	-0,037	0,304
CHR1	26249513	CHR1:26249513	SSF x LoA	-6,38143941	0,026	0,314
CHR1	26253710	CHR1:26253710	SSF x LoA	-9,16253395	-0,044	0,313
CHR1	26253729	CHR1:26253729	SSF x LoA	-9,35939112	-0,004	0,314

CHR1	26253925	CHR1:26253925	SSF x LoA	-11,2192126	0,074	0,306
CHR1	2625867	CHR1:2625867	SSF x LoA	-10,7455116	0,043	0,315
CHR1	2626293	CHR1:2626293	SSF x LoA	-8,95340049	-0,043	0,318
CHR1	2626294	CHR1:2626294	SSF x LoA	-8,93358517	-0,037	0,320
CHR1	26263552	CHR1:26263552	SSF x LoA	-9,66457892	-0,071	0,306
CHR1	26264930	CHR1:26264930	SSF x LoA	-7,87143942	0,036	0,306
CHR1	26285147	CHR1:26285147	SSF x LoA	-10,038404	-0,058	0,305
CHR1	26285161	CHR1:26285161	SSF x LoA	-10,0717418	-0,036	0,307
CHR1	26285226	CHR1:26285226	SSF x LoA	-8,94209993	0,096	0,287
CHR1	26285255	CHR1:26285255	SSF x LoA	-9,21021383	0,133	0,298
CHR1	26285281	CHR1:26285281	SSF x LoA	-9,27719543	-0,060	0,303
CHR1	26285975	CHR1:26285975	SSF x LoA	-8,58913905	0,104	0,313
CHR1	26286059	CHR1:26286059	SSF x LoA	-9,61149663	0,163	0,299
CHR1	26286060	CHR1:26286060	SSF x LoA	-7,62048589	0,131	0,308
CHR1	26286171	CHR1:26286171	SSF x LoA	-8,31028322	0,011	0,318
CHR1	26286303	CHR1:26286303	SSF x LoA	-9,59086392	0,036	0,312
CHR1	26290186	CHR1:26290186	SSF x LoA	-11,1346705	-0,019	0,309
CHR1	26290324	CHR1:26290324	SSF x LoA	-9,7487968	-0,051	0,317
CHR1	26290335	CHR1:26290335	SSF x LoA	-0,35947945	-0,131	0,310
CHR1	26290367	CHR1:26290367	SSF x LoA	-6,09134964	0,058	0,310
CHR1	26290398	CHR1:26290398	SSF x LoA	-10,3240296	0,050	0,310
CHR1	26292524	CHR1:26292524	SSF x LoA	-8,50772767	-0,087	0,308
CHR1	26292537	CHR1:26292537	SSF x LoA	-11,8573571	0,074	0,293
CHR1	26292547	CHR1:26292547	SSF x LoA	-9,28652199	0,045	0,325
CHR1	26292549	CHR1:26292549	SSF x LoA	-7,61152845	-0,034	0,302
CHR1	26299947	CHR1:26299947	SSF x LoA	-12,7073165	-0,053	0,296
CHR1	26314999	CHR1:26314999	SSF x LoA	-9,37441298	-0,108	0,306
CHR1	26315143	CHR1:26315143	SSF x LoA	-7,95815425	0,092	0,311
CHR1	26315155	CHR1:26315155	SSF x LoA	-8,54192371	-0,017	0,310
CHR1	26315199	CHR1:26315199	SSF x LoA	-8,98069168	0,068	0,300
CHR1	26315233	CHR1:26315233	SSF x LoA	-7,16551454	0,000	0,306
CHR1	26323255	CHR1:26323255	SSF x LoA	-10,6357035	0,109	0,290
CHR1	26323291	CHR1:26323291	SSF x LoA	-7,70506364	0,133	0,297
CHR1	26323293	CHR1:26323293	SSF x LoA	-10,0486696	0,127	0,286
CHR1	26334978	CHR1:26334978	SSF x LoA	-9,33340492	-0,008	0,315
CHR1	26334983	CHR1:26334983	SSF x LoA	-8,44403472	-0,051	0,303
CHR1	26335100	CHR1:26335100	SSF x LoA	-7,8318501	-0,038	0,306
CHR1	26335280	CHR1:26335280	SSF x LoA	0,34720317	-0,083	0,311
CHR1	26344893	CHR1:26344893	SSF x LoA	-8,21201288	0,056	0,300
CHR1	26344920	CHR1:26344920	SSF x LoA	-10,8895824	0,062	0,300
CHR1	26344952	CHR1:26344952	SSF x LoA	-8,50310101	0,010	0,298
CHR1	26344955	CHR1:26344955	SSF x LoA	-7,82317903	-0,002	0,305
CHR1	26344959	CHR1:26344959	SSF x LoA	-6,75208186	-0,006	0,302
CHR1	26344961	CHR1:26344961	SSF x LoA	-8,03036864	0,010	0,304
CHR1	26344962	CHR1:26344962	SSF x LoA	-10,300897	-0,115	0,304
CHR1	26344968	CHR1:26344968	SSF x LoA	-8,66485825	0,004	0,299
CHR1	26344972	CHR1:26344972	SSF x LoA	-8,61548333	-0,022	0,291
CHR1	26344979	CHR1:26344979	SSF x LoA	-8,52352042	0,033	0,303
CHR1	26344987	CHR1:26344987	SSF x LoA	-9,79739471	-0,063	0,313
CHR1	26344995	CHR1:26344995	SSF x LoA	-9,06658994	-0,134	0,295
CHR1	26345074	CHR1:26345074	SSF x LoA	-8,56059752	-0,020	0,310
CHR1	26345111	CHR1:26345111	SSF x LoA	-9,65630782	0,047	0,317
CHR1	2635602	CHR1:2635602	SSF x LoA	-8,37634273	-0,030	0,308

CHR1	2635609	CHR1:2635609	SSF x LoA	-8,64360804	-0,118	0,295
CHR1	2635646	CHR1:2635646	SSF x LoA	-11,7751796	0,010	0,298
CHR1	2635653	CHR1:2635653	SSF x LoA	-8,2301391	0,121	0,316
CHR1	2635658	CHR1:2635658	SSF x LoA	-8,15587122	0,067	0,329
CHR1	26360305	CHR1:26360305	SSF x LoA	-11,5216702	-0,076	0,304
CHR1	26360324	CHR1:26360324	SSF x LoA	-11,0774497	-0,076	0,315
CHR1	26387001	CHR1:26387001	SSF x LoA	-7,58008363	0,186	0,303
CHR1	26387012	CHR1:26387012	SSF x LoA	-8,60370959	0,073	0,301
CHR1	26387098	CHR1:26387098	SSF x LoA	-8,31799316	0,081	0,307
CHR1	26389179	CHR1:26389179	SSF x LoA	-12,0330978	-0,037	0,299
CHR1	26389238	CHR1:26389238	SSF x LoA	-9,56329471	-0,110	0,315
CHR1	26389250	CHR1:26389250	SSF x LoA	-7,22196451	0,069	0,322
CHR1	26389297	CHR1:26389297	SSF x LoA	-9,17545103	0,120	0,310
CHR1	26410882	CHR1:26410882	SSF x LoA	-11,0939576	0,001	0,302
CHR1	2642642	CHR1:2642642	SSF x LoA	-9,11956248	0,016	0,305
CHR1	2642679	CHR1:2642679	SSF x LoA	-7,42105188	-0,063	0,292
CHR1	2643114	CHR1:2643114	SSF x LoA	-8,45328936	-0,025	0,320
CHR1	2643130	CHR1:2643130	SSF x LoA	-8,05067846	0,128	0,297
CHR1	2643132	CHR1:2643132	SSF x LoA	-7,62593007	0,135	0,313
CHR1	2643140	CHR1:2643140	SSF x LoA	-11,0065961	-0,007	0,307
CHR1	2643742	CHR1:2643742	SSF x LoA	-9,89377711	-0,152	0,317
CHR1	2643781	CHR1:2643781	SSF x LoA	-8,16142479	0,057	0,308
CHR1	26437839	CHR1:26437839	SSF x LoA	-10,2710276	-0,046	0,313
CHR1	2643821	CHR1:2643821	SSF x LoA	-8,653772	-0,052	0,321
CHR1	2643848	CHR1:2643848	SSF x LoA	-11,5635543	-0,014	0,307
CHR1	2643851	CHR1:2643851	SSF x LoA	-8,64418027	-0,003	0,300
CHR1	2643872	CHR1:2643872	SSF x LoA	-8,08567009	-0,032	0,302
CHR1	26449788	CHR1:26449788	SSF x LoA	-9,82413121	-0,007	0,313
CHR1	26449798	CHR1:26449798	SSF x LoA	-9,39838232	0,024	0,324
CHR1	26449811	CHR1:26449811	SSF x LoA	-9,87866004	0,044	0,319
CHR1	26450960	CHR1:26450960	SSF x LoA	-8,65717295	-0,089	0,306
CHR1	26450986	CHR1:26450986	SSF x LoA	-9,56830005	-0,007	0,302
CHR1	26450991	CHR1:26450991	SSF x LoA	-6,91548561	-0,165	0,288
CHR1	26451702	CHR1:26451702	SSF x LoA	-9,42620062	0,092	0,315
CHR1	26461341	CHR1:26461341	SSF x LoA	-11,7978076	0,091	0,296
CHR1	26467050	CHR1:26467050	SSF x LoA	-10,2018731	0,059	0,307
CHR1	26467194	CHR1:26467194	SSF x LoA	-11,519524	0,029	0,311
CHR1	26476297	CHR1:26476297	SSF x LoA	-7,95540676	0,092	0,309
CHR1	26480990	CHR1:26480990	SSF x LoA	-8,81270215	-0,043	0,315
CHR1	26490842	CHR1:26490842	SSF x LoA	-10,0275585	0,037	0,301
CHR1	26501277	CHR1:26501277	SSF x LoA	-9,73537371	-0,119	0,286
CHR1	26501744	CHR1:26501744	SSF x LoA	-10,5109929	0,021	0,301
CHR1	26506099	CHR1:26506099	SSF x LoA	-9,51688034	0,002	0,299
CHR1	26511542	CHR1:26511542	SSF x LoA	-9,1163162	0,158	0,292
CHR1	26514345	CHR1:26514345	SSF x LoA	-9,79036337	0,009	0,320
CHR1	26514353	CHR1:26514353	SSF x LoA	-9,58629021	-0,121	0,314
CHR1	26514361	CHR1:26514361	SSF x LoA	-7,96195353	0,051	0,295
CHR1	26514379	CHR1:26514379	SSF x LoA	-10,3020306	0,056	0,305
CHR1	26518298	CHR1:26518298	SSF x LoA	-8,42425457	0,000	0,313
CHR1	26528774	CHR1:26528774	SSF x LoA	-7,01485335	0,113	0,302
CHR1	26528822	CHR1:26528822	SSF x LoA	-8,6778997	0,025	0,294
CHR1	26530937	CHR1:26530937	SSF x LoA	-8,24480809	0,022	0,305
CHR1	26530988	CHR1:26530988	SSF x LoA	-11,3625461	0,004	0,307

CHR1	26531012	CHR1:26531012	SSF x LoA	-8,67014062	0,141	0,288
CHR1	26536298	CHR1:26536298	SSF x LoA	-10,8099523	0,010	0,295
CHR1	26536325	CHR1:26536325	SSF x LoA	-8,40832564	-0,014	0,314
CHR1	26536327	CHR1:26536327	SSF x LoA	-11,2188298	0,041	0,297
CHR1	26536444	CHR1:26536444	SSF x LoA	-9,19352574	-0,027	0,318
CHR1	26536481	CHR1:26536481	SSF x LoA	-10,7958284	-0,018	0,298
CHR1	26540359	CHR1:26540359	SSF x LoA	-9,43348413	-0,022	0,305
CHR1	26540392	CHR1:26540392	SSF x LoA	-9,04234529	0,042	0,316
CHR1	26540429	CHR1:26540429	SSF x LoA	-10,7931653	-0,087	0,313
CHR1	26564987	CHR1:26564987	SSF x LoA	-11,5138087	-0,017	0,300
CHR1	26565086	CHR1:26565086	SSF x LoA	-9,61587301	0,039	0,306
CHR1	26565092	CHR1:26565092	SSF x LoA	-9,9057969	-0,101	0,296
CHR1	26565280	CHR1:26565280	SSF x LoA	-9,67034883	-0,025	0,310
CHR1	26565312	CHR1:26565312	SSF x LoA	-9,00819495	0,035	0,313
CHR1	26565318	CHR1:26565318	SSF x LoA	-6,38101058	0,120	0,303
CHR1	26565326	CHR1:26565326	SSF x LoA	-7,69689753	0,035	0,316
CHR1	26570603	CHR1:26570603	SSF x LoA	-12,0492417	0,009	0,306
CHR1	26570621	CHR1:26570621	SSF x LoA	-8,43541406	0,123	0,303
CHR1	26572236	CHR1:26572236	SSF x LoA	-10,9867123	-0,067	0,296
CHR1	26572252	CHR1:26572252	SSF x LoA	-5,91923401	0,166	0,286
CHR1	26572273	CHR1:26572273	SSF x LoA	-4,42154945	-0,167	0,295
CHR1	26578555	CHR1:26578555	SSF x LoA	-10,9689533	0,028	0,316
CHR1	26581586	CHR1:26581586	SSF x LoA	-9,47912873	0,017	0,300
CHR1	26581658	CHR1:26581658	SSF x LoA	-10,0875804	0,041	0,308
CHR1	26582834	CHR1:26582834	SSF x LoA	-8,21135327	0,058	0,317
CHR1	26583038	CHR1:26583038	SSF x LoA	-11,2820539	-0,090	0,314
CHR1	26585874	CHR1:26585874	SSF x LoA	-10,8833382	-0,007	0,312
CHR1	26586109	CHR1:26586109	SSF x LoA	-5,79095674	0,096	0,313
CHR1	26590213	CHR1:26590213	SSF x LoA	-11,9437507	0,011	0,310
CHR1	26592315	CHR1:26592315	SSF x LoA	-4,13552422	0,132	0,291
CHR1	26592366	CHR1:26592366	SSF x LoA	-9,60727727	0,029	0,310
CHR1	26592371	CHR1:26592371	SSF x LoA	-2,6318111	0,203	0,294
CHR1	26600943	CHR1:26600943	SSF x LoA	-9,47154475	0,078	0,297
CHR1	26600970	CHR1:26600970	SSF x LoA	-8,33849918	0,154	0,290
CHR1	26600990	CHR1:26600990	SSF x LoA	-8,10040657	-0,144	0,293
CHR1	26601047	CHR1:26601047	SSF x LoA	-8,99022683	-0,099	0,313
CHR1	26601070	CHR1:26601070	SSF x LoA	-7,81069985	0,124	0,304
CHR1	26601125	CHR1:26601125	SSF x LoA	-11,9290871	-0,049	0,306
CHR1	26605824	CHR1:26605824	SSF x LoA	-4,66604169	0,121	0,303
CHR1	26605858	CHR1:26605858	SSF x LoA	-2,11064667	-0,037	0,318
CHR1	26605864	CHR1:26605864	SSF x LoA	-7,89362568	0,074	0,306
CHR1	26605919	CHR1:26605919	SSF x LoA	-8,98162895	0,094	0,306
CHR1	26613614	CHR1:26613614	SSF x LoA	-8,51833617	-0,094	0,293
CHR1	26613730	CHR1:26613730	SSF x LoA	-7,33538339	-0,163	0,295
CHR1	26613740	CHR1:26613740	SSF x LoA	-10,0904346	0,024	0,304
CHR1	26613758	CHR1:26613758	SSF x LoA	-6,46921355	0,176	0,314
CHR1	26613825	CHR1:26613825	SSF x LoA	-7,98976689	-0,130	0,299
CHR1	26618226	CHR1:26618226	SSF x LoA	-10,3722228	0,128	0,302
CHR1	26618295	CHR1:26618295	SSF x LoA	-9,9458116	0,061	0,302
CHR1	26618965	CHR1:26618965	SSF x LoA	-7,38542613	-0,025	0,314
CHR1	26619629	CHR1:26619629	SSF x LoA	-10,2588049	-0,027	0,289
CHR1	26619679	CHR1:26619679	SSF x LoA	-5,47718752	-0,016	0,310
CHR1	26619745	CHR1:26619745	SSF x LoA	-11,8321841	-0,030	0,300

CHR1	26628213	CHR1:26628213	SSF x LoA	-10,413263	0,075	0,308
CHR1	26628229	CHR1:26628229	SSF x LoA	-10,4880585	0,072	0,307
CHR1	26628259	CHR1:26628259	SSF x LoA	-6,49090199	-0,110	0,309
CHR1	26628293	CHR1:26628293	SSF x LoA	-7,55122911	-0,059	0,321
CHR1	26628383	CHR1:26628383	SSF x LoA	-10,5457126	0,034	0,318
CHR1	26628398	CHR1:26628398	SSF x LoA	-9,14873136	-0,024	0,306
CHR1	26631629	CHR1:26631629	SSF x LoA	-7,33079348	0,025	0,317
CHR1	2664049	CHR1:2664049	SSF x LoA	-10,7988481	-0,011	0,297
CHR1	2664084	CHR1:2664084	SSF x LoA	-9,64122913	0,057	0,313
CHR1	26640993	CHR1:26640993	SSF x LoA	-9,03623695	-0,146	0,302
CHR1	26641036	CHR1:26641036	SSF x LoA	-10,9287656	-0,105	0,298
CHR1	26641046	CHR1:26641046	SSF x LoA	-8,95855911	0,055	0,308
CHR1	26641047	CHR1:26641047	SSF x LoA	-6,48551139	0,084	0,308
CHR1	26641085	CHR1:26641085	SSF x LoA	-8,76265882	0,000	0,308
CHR1	26641165	CHR1:26641165	SSF x LoA	-9,8537327	0,079	0,311
CHR1	26641171	CHR1:26641171	SSF x LoA	-6,75846656	-0,039	0,315
CHR1	2664120	CHR1:2664120	SSF x LoA	-7,69418375	0,070	0,319
CHR1	2664171	CHR1:2664171	SSF x LoA	-8,43864569	-0,079	0,305
CHR1	2664195	CHR1:2664195	SSF x LoA	-8,86830915	0,025	0,312
CHR1	2664218	CHR1:2664218	SSF x LoA	-9,03513548	-0,008	0,318
CHR1	26644714	CHR1:26644714	SSF x LoA	-8,2138295	0,047	0,315
CHR1	26644719	CHR1:26644719	SSF x LoA	-3,99805123	0,156	0,301
CHR1	26644735	CHR1:26644735	SSF x LoA	-9,82844953	-0,041	0,306
CHR1	26644760	CHR1:26644760	SSF x LoA	-10,7336735	-0,016	0,313
CHR1	26644762	CHR1:26644762	SSF x LoA	-10,5569572	-0,065	0,295
CHR1	26645001	CHR1:26645001	SSF x LoA	-8,34526551	0,086	0,303
CHR1	26646370	CHR1:26646370	SSF x LoA	-7,63971321	0,129	0,294
CHR1	26653110	CHR1:26653110	SSF x LoA	-10,6785512	0,081	0,300
CHR1	26653217	CHR1:26653217	SSF x LoA	-9,29006237	-0,067	0,292
CHR1	26664862	CHR1:26664862	SSF x LoA	-5,00598942	0,028	0,310
CHR1	26664950	CHR1:26664950	SSF x LoA	-9,67020466	0,058	0,295
CHR1	26669370	CHR1:26669370	SSF x LoA	-11,7038285	0,038	0,308
CHR1	26669416	CHR1:26669416	SSF x LoA	-9,45932535	0,009	0,309
CHR1	26669480	CHR1:26669480	SSF x LoA	-8,76945278	0,053	0,306
CHR1	26672868	CHR1:26672868	SSF x LoA	-8,32365085	0,175	0,300
CHR1	26677436	CHR1:26677436	SSF x LoA	-8,15935976	-0,175	0,288
CHR1	26677578	CHR1:26677578	SSF x LoA	-1,7007075	-0,255	0,296
CHR1	26677609	CHR1:26677609	SSF x LoA	-10,3323632	0,067	0,309
CHR1	26677632	CHR1:26677632	SSF x LoA	-8,43466872	0,074	0,336
CHR1	26677634	CHR1:26677634	SSF x LoA	-9,54064348	0,118	0,305
CHR1	26677640	CHR1:26677640	SSF x LoA	-8,668573	-0,046	0,312
CHR1	26682967	CHR1:26682967	SSF x LoA	-8,98602875	0,112	0,295
CHR1	26683076	CHR1:26683076	SSF x LoA	-10,3539266	0,099	0,302
CHR1	26683254	CHR1:26683254	SSF x LoA	-7,91947572	-0,063	0,304
CHR1	26689460	CHR1:26689460	SSF x LoA	-7,5712759	-0,022	0,300
CHR1	26689526	CHR1:26689526	SSF x LoA	-6,04057678	-0,097	0,304
CHR1	26690099	CHR1:26690099	SSF x LoA	-8,32872109	-0,086	0,316
CHR1	26691254	CHR1:26691254	SSF x LoA	-11,2644073	-0,067	0,309
CHR1	26700585	CHR1:26700585	SSF x LoA	-10,4220855	0,044	0,309
CHR1	26704323	CHR1:26704323	SSF x LoA	-8,81949721	-0,013	0,301
CHR1	26708752	CHR1:26708752	SSF x LoA	-9,83816327	-0,003	0,324
CHR1	2671516	CHR1:2671516	SSF x LoA	-8,19369483	-0,034	0,319
CHR1	2671521	CHR1:2671521	SSF x LoA	0,95322716	-0,092	0,310

CHR1	2671547	CHR1:2671547	SSF x LoA	-8,40381965	-0,103	0,302
CHR1	2671588	CHR1:2671588	SSF x LoA	-10,9281709	-0,035	0,310
CHR1	2671602	CHR1:2671602	SSF x LoA	-7,05666192	0,009	0,315
CHR1	2671720	CHR1:2671720	SSF x LoA	-7,89744522	-0,034	0,323
CHR1	2671723	CHR1:2671723	SSF x LoA	-10,6556389	-0,047	0,304
CHR1	26734185	CHR1:26734185	SSF x LoA	-10,7815297	-0,017	0,305
CHR1	26734203	CHR1:26734203	SSF x LoA	-10,2244692	0,068	0,312
CHR1	26734206	CHR1:26734206	SSF x LoA	-5,77686838	-0,057	0,307
CHR1	26734213	CHR1:26734213	SSF x LoA	-8,78002706	-0,051	0,310
CHR1	26734229	CHR1:26734229	SSF x LoA	-11,4239358	0,022	0,319
CHR1	26734323	CHR1:26734323	SSF x LoA	-7,24583864	0,082	0,311
CHR1	26734359	CHR1:26734359	SSF x LoA	-9,1100235	0,068	0,298
CHR1	26739954	CHR1:26739954	SSF x LoA	-6,12128271	-0,084	0,286
CHR1	26739958	CHR1:26739958	SSF x LoA	-10,0790945	-0,006	0,308
CHR1	26739961	CHR1:26739961	SSF x LoA	-11,8361028	-0,024	0,285
CHR1	26739993	CHR1:26739993	SSF x LoA	-5,88582286	0,206	0,290
CHR1	26744959	CHR1:26744959	SSF x LoA	-6,9363131	0,072	0,314
CHR1	26754828	CHR1:26754828	SSF x LoA	-10,4899466	-0,074	0,317
CHR1	26754922	CHR1:26754922	SSF x LoA	-10,0252551	0,013	0,309
CHR1	26754991	CHR1:26754991	SSF x LoA	-9,61146082	0,141	0,289
CHR1	26760026	CHR1:26760026	SSF x LoA	-9,43139977	0,025	0,301
CHR1	26761851	CHR1:26761851	SSF x LoA	-8,67132472	0,076	0,303
CHR1	26762054	CHR1:26762054	SSF x LoA	-9,50282629	0,122	0,289
CHR1	26762088	CHR1:26762088	SSF x LoA	-11,4900727	-0,089	0,297
CHR1	26764833	CHR1:26764833	SSF x LoA	-10,4741221	0,039	0,303
CHR1	2676792	CHR1:2676792	SSF x LoA	-9,94530504	0,054	0,299
CHR1	26777835	CHR1:26777835	SSF x LoA	-8,77430618	-0,098	0,310
CHR1	26801488	CHR1:26801488	SSF x LoA	-8,81647839	-0,122	0,301
CHR1	26802824	CHR1:26802824	SSF x LoA	-11,0721592	0,046	0,297
CHR1	26802832	CHR1:26802832	SSF x LoA	-9,89030431	0,057	0,311
CHR1	26802837	CHR1:26802837	SSF x LoA	-3,41348854	-0,174	0,298
CHR1	26802861	CHR1:26802861	SSF x LoA	-8,48238299	0,025	0,315
CHR1	26805824	CHR1:26805824	SSF x LoA	-7,79598307	0,021	0,312
CHR1	26805875	CHR1:26805875	SSF x LoA	-1,39041843	0,216	0,297
CHR1	26805878	CHR1:26805878	SSF x LoA	-7,59891493	0,044	0,303
CHR1	26810176	CHR1:26810176	SSF x LoA	-9,42220893	0,091	0,296
CHR1	26810186	CHR1:26810186	SSF x LoA	-7,99690279	-0,021	0,300
CHR1	26810188	CHR1:26810188	SSF x LoA	-9,69073412	-0,040	0,312
CHR1	26810199	CHR1:26810199	SSF x LoA	-9,90815136	-0,028	0,306
CHR1	26810213	CHR1:26810213	SSF x LoA	-10,568866	-0,045	0,307
CHR1	26810354	CHR1:26810354	SSF x LoA	-8,24886576	-0,067	0,314
CHR1	26810400	CHR1:26810400	SSF x LoA	-4,74819344	0,018	0,306
CHR1	26810477	CHR1:26810477	SSF x LoA	-9,92542417	-0,012	0,312
CHR1	26810499	CHR1:26810499	SSF x LoA	-6,16697302	0,184	0,296
CHR1	26811303	CHR1:26811303	SSF x LoA	-8,92106603	-0,050	0,308
CHR1	26811304	CHR1:26811304	SSF x LoA	-8,72789592	0,149	0,306
CHR1	26811382	CHR1:26811382	SSF x LoA	-10,853835	0,011	0,299
CHR1	26811407	CHR1:26811407	SSF x LoA	-11,5931407	-0,029	0,309
CHR1	26811425	CHR1:26811425	SSF x LoA	-10,3400196	0,125	0,306
CHR1	26811440	CHR1:26811440	SSF x LoA	-9,92019483	-0,027	0,305
CHR1	26811443	CHR1:26811443	SSF x LoA	-8,24202264	-0,137	0,318
CHR1	26811501	CHR1:26811501	SSF x LoA	-1,00267147	0,081	0,295
CHR1	26811525	CHR1:26811525	SSF x LoA	-8,95300023	0,054	0,313

CHR1	26811545	CHR1:26811545	SSF x LoA	-8,47241992	0,082	0,299
CHR1	268125	CHR1:268125	SSF x LoA	-10,9187713	-0,022	0,309
CHR1	268130	CHR1:268130	SSF x LoA	-10,6318536	0,006	0,308
CHR1	26815661	CHR1:26815661	SSF x LoA	-10,2600927	-0,050	0,299
CHR1	26815704	CHR1:26815704	SSF x LoA	-8,00623464	-0,108	0,307
CHR1	26816990	CHR1:26816990	SSF x LoA	-8,43858758	0,155	0,301
CHR1	26817010	CHR1:26817010	SSF x LoA	-9,27099033	-0,095	0,296
CHR1	26817099	CHR1:26817099	SSF x LoA	-9,87613885	0,073	0,303
CHR1	26829014	CHR1:26829014	SSF x LoA	-10,4265976	0,098	0,310
CHR1	26829042	CHR1:26829042	SSF x LoA	-10,4328508	-0,011	0,302
CHR1	26829060	CHR1:26829060	SSF x LoA	-9,23386217	0,102	0,309
CHR1	26829191	CHR1:26829191	SSF x LoA	-9,54684996	0,002	0,307
CHR1	268296	CHR1:268296	SSF x LoA	-9,71794465	0,039	0,298
CHR1	268297	CHR1:268297	SSF x LoA	-9,77373863	0,011	0,308
CHR1	26834005	CHR1:26834005	SSF x LoA	-7,49381988	-0,122	0,297
CHR1	26834038	CHR1:26834038	SSF x LoA	-9,45206535	0,160	0,297
CHR1	26834104	CHR1:26834104	SSF x LoA	-7,20366225	0,171	0,289
CHR1	26834108	CHR1:26834108	SSF x LoA	-8,44012038	-0,005	0,305
CHR1	26834171	CHR1:26834171	SSF x LoA	7,24370771	0,000	0,286
CHR1	26834172	CHR1:26834172	SSF x LoA	-11,2677685	0,002	0,308
CHR1	26839699	CHR1:26839699	SSF x LoA	-9,3225242	-0,007	0,308
CHR1	26839708	CHR1:26839708	SSF x LoA	-8,50945621	0,000	0,309
CHR1	26839716	CHR1:26839716	SSF x LoA	-9,84516178	0,050	0,298
CHR1	26839752	CHR1:26839752	SSF x LoA	-3,24722821	-0,134	0,314
CHR1	26839824	CHR1:26839824	SSF x LoA	-7,66865928	0,036	0,308
CHR1	26845931	CHR1:26845931	SSF x LoA	-9,92418554	-0,102	0,306
CHR1	26846028	CHR1:26846028	SSF x LoA	-9,66804836	-0,016	0,289
CHR1	26852903	CHR1:26852903	SSF x LoA	-9,72928607	0,021	0,311
CHR1	26853035	CHR1:26853035	SSF x LoA	-5,85350287	0,004	0,324
CHR1	26853774	CHR1:26853774	SSF x LoA	-8,91541877	0,121	0,309
CHR1	26881845	CHR1:26881845	SSF x LoA	-8,05536954	-0,025	0,308
CHR1	2688936	CHR1:2688936	SSF x LoA	-7,47787914	-0,154	0,294
CHR1	26894912	CHR1:26894912	SSF x LoA	-7,39451976	-0,073	0,313
CHR1	26901277	CHR1:26901277	SSF x LoA	-11,1718291	-0,011	0,295
CHR1	26903126	CHR1:26903126	SSF x LoA	-9,59705101	0,041	0,304
CHR1	26904976	CHR1:26904976	SSF x LoA	-9,34911	0,081	0,320
CHR1	26908539	CHR1:26908539	SSF x LoA	-11,1124897	-0,031	0,305
CHR1	26908545	CHR1:26908545	SSF x LoA	-10,6901884	0,040	0,286
CHR1	26908661	CHR1:26908661	SSF x LoA	-10,2556673	0,008	0,311
CHR1	26908709	CHR1:26908709	SSF x LoA	-9,79063011	-0,076	0,314
CHR1	26908727	CHR1:26908727	SSF x LoA	-8,7447912	-0,067	0,309
CHR1	26913184	CHR1:26913184	SSF x LoA	-9,94400122	-0,143	0,295
CHR1	26914605	CHR1:26914605	SSF x LoA	-5,83011917	-0,050	0,310
CHR1	26914634	CHR1:26914634	SSF x LoA	-6,26553406	0,022	0,304
CHR1	26914728	CHR1:26914728	SSF x LoA	-8,7466544	-0,065	0,325
CHR1	26914730	CHR1:26914730	SSF x LoA	-7,75054577	-0,054	0,318
CHR1	26914762	CHR1:26914762	SSF x LoA	-7,04706905	-0,043	0,309
CHR1	26916496	CHR1:26916496	SSF x LoA	-10,8994538	0,055	0,297
CHR1	26917410	CHR1:26917410	SSF x LoA	-7,90872537	0,034	0,279
CHR1	26917419	CHR1:26917419	SSF x LoA	-9,0330953	0,084	0,304
CHR1	26917486	CHR1:26917486	SSF x LoA	-9,90282724	0,096	0,303
CHR1	26937763	CHR1:26937763	SSF x LoA	-7,51068331	0,141	0,291
CHR1	26937768	CHR1:26937768	SSF x LoA	-10,1941625	-0,039	0,310

CHR1	26937831	CHR1:26937831	SSF x LoA	-6,70031329	0,143	0,306
CHR1	26937876	CHR1:26937876	SSF x LoA	-10,764537	0,111	0,303
CHR1	26945668	CHR1:26945668	SSF x LoA	-7,92840795	0,067	0,311
CHR1	26945753	CHR1:26945753	SSF x LoA	-8,44255045	0,023	0,294
CHR1	26945756	CHR1:26945756	SSF x LoA	-9,18197717	0,010	0,306
CHR1	26945761	CHR1:26945761	SSF x LoA	-7,3835248	0,027	0,311
CHR1	26949731	CHR1:26949731	SSF x LoA	-11,7381154	-0,027	0,299
CHR1	26949780	CHR1:26949780	SSF x LoA	-8,83339246	0,052	0,307
CHR1	26949813	CHR1:26949813	SSF x LoA	-10,6521317	-0,038	0,304
CHR1	26949838	CHR1:26949838	SSF x LoA	-10,8612293	-0,068	0,296
CHR1	26949841	CHR1:26949841	SSF x LoA	-7,14815964	-0,104	0,306
CHR1	26952182	CHR1:26952182	SSF x LoA	-9,65653639	-0,075	0,310
CHR1	26954658	CHR1:26954658	SSF x LoA	-8,59040928	0,027	0,308
CHR1	26954740	CHR1:26954740	SSF x LoA	-7,71327037	-0,061	0,309
CHR1	26960026	CHR1:26960026	SSF x LoA	-8,41927512	0,053	0,303
CHR1	26960048	CHR1:26960048	SSF x LoA	-9,46499539	0,004	0,297
CHR1	26960049	CHR1:26960049	SSF x LoA	-5,50990948	0,115	0,296
CHR1	26960833	CHR1:26960833	SSF x LoA	-7,23349527	0,143	0,303
CHR1	26960845	CHR1:26960845	SSF x LoA	-10,9002666	-0,003	0,304
CHR1	26960848	CHR1:26960848	SSF x LoA	-9,20746644	-0,161	0,293
CHR1	26960856	CHR1:26960856	SSF x LoA	-10,8722487	0,136	0,294
CHR1	26960864	CHR1:26960864	SSF x LoA	-10,0321712	-0,030	0,294
CHR1	26960867	CHR1:26960867	SSF x LoA	-7,22707772	0,189	0,285
CHR1	26962162	CHR1:26962162	SSF x LoA	-8,42994777	0,042	0,302
CHR1	26962180	CHR1:26962180	SSF x LoA	-8,10288195	-0,017	0,301
CHR1	26962258	CHR1:26962258	SSF x LoA	-10,5782714	-0,024	0,312
CHR1	26962277	CHR1:26962277	SSF x LoA	-7,75757356	0,083	0,308
CHR1	26962492	CHR1:26962492	SSF x LoA	-9,98939071	0,001	0,312
CHR1	26962528	CHR1:26962528	SSF x LoA	-11,4749339	0,050	0,301
CHR1	269645	CHR1:269645	SSF x LoA	-9,95780438	-0,085	0,318
CHR1	26968834	CHR1:26968834	SSF x LoA	-9,91138674	0,079	0,310
CHR1	26968863	CHR1:26968863	SSF x LoA	-11,1132272	-0,045	0,313
CHR1	26971209	CHR1:26971209	SSF x LoA	-9,2573206	-0,003	0,316
CHR1	26971240	CHR1:26971240	SSF x LoA	-10,3919895	-0,032	0,310
CHR1	26983530	CHR1:26983530	SSF x LoA	-6,17561925	0,140	0,303
CHR1	26983534	CHR1:26983534	SSF x LoA	-7,29369275	-0,116	0,300
CHR1	26983539	CHR1:26983539	SSF x LoA	-8,15976326	-0,047	0,307
CHR1	26983547	CHR1:26983547	SSF x LoA	-10,505676	-0,031	0,305
CHR1	26983564	CHR1:26983564	SSF x LoA	-8,78721064	-0,102	0,309
CHR1	26983581	CHR1:26983581	SSF x LoA	-9,69175439	-0,008	0,308
CHR1	26983635	CHR1:26983635	SSF x LoA	-9,35592592	-0,077	0,306
CHR1	26983707	CHR1:26983707	SSF x LoA	-8,45427994	-0,059	0,312
CHR1	26983716	CHR1:26983716	SSF x LoA	-9,94792174	-0,031	0,305
CHR1	26983740	CHR1:26983740	SSF x LoA	-10,7676298	-0,032	0,304
CHR1	26983742	CHR1:26983742	SSF x LoA	-11,2313063	-0,022	0,309
CHR1	26986900	CHR1:26986900	SSF x LoA	-9,18669665	0,074	0,310
CHR1	26987035	CHR1:26987035	SSF x LoA	-8,54766274	0,067	0,295
CHR1	27007197	CHR1:27007197	SSF x LoA	-8,85584871	0,080	0,310
CHR1	27007353	CHR1:27007353	SSF x LoA	-9,50155308	0,113	0,296
CHR1	27007410	CHR1:27007410	SSF x LoA	-2,83245523	-0,054	0,311
CHR1	2701069	CHR1:2701069	SSF x LoA	-9,59523406	-0,052	0,299
CHR1	2701104	CHR1:2701104	SSF x LoA	-8,45816754	0,005	0,312
CHR1	2701210	CHR1:2701210	SSF x LoA	-7,42562228	0,022	0,315

CHR1	2701265	CHR1:2701265	SSF x LoA	-11,1393761	-0,012	0,313
CHR1	2701284	CHR1:2701284	SSF x LoA	-9,21920479	-0,062	0,298
CHR1	27013534	CHR1:27013534	SSF x LoA	-7,6404112	-0,151	0,303
CHR1	27013575	CHR1:27013575	SSF x LoA	-11,5868967	-0,044	0,306
CHR1	27013603	CHR1:27013603	SSF x LoA	-8,56476449	-0,036	0,293
CHR1	27013637	CHR1:27013637	SSF x LoA	-7,14918779	-0,066	0,301
CHR1	27015833	CHR1:27015833	SSF x LoA	-7,9861048	0,013	0,315
CHR1	27015844	CHR1:27015844	SSF x LoA	-10,5793679	-0,040	0,312
CHR1	27015855	CHR1:27015855	SSF x LoA	-10,561666	0,088	0,300
CHR1	27015885	CHR1:27015885	SSF x LoA	-10,853849	0,034	0,309
CHR1	27015917	CHR1:27015917	SSF x LoA	-7,78828812	0,046	0,318
CHR1	27015938	CHR1:27015938	SSF x LoA	-10,0154304	-0,006	0,307
CHR1	27015960	CHR1:27015960	SSF x LoA	-10,606971	0,027	0,322
CHR1	27017927	CHR1:27017927	SSF x LoA	-10,2879416	-0,102	0,301
CHR1	27017981	CHR1:27017981	SSF x LoA	-10,3289921	-0,059	0,321
CHR1	27017992	CHR1:27017992	SSF x LoA	-11,1071104	0,018	0,290
CHR1	27018008	CHR1:27018008	SSF x LoA	-7,1407052	-0,083	0,309
CHR1	27018803	CHR1:27018803	SSF x LoA	-7,7218212	0,004	0,322
CHR1	27018861	CHR1:27018861	SSF x LoA	-10,9457813	-0,067	0,304
CHR1	27018885	CHR1:27018885	SSF x LoA	-8,45687457	-0,060	0,303
CHR1	27018888	CHR1:27018888	SSF x LoA	-9,74889917	0,007	0,307
CHR1	27018962	CHR1:27018962	SSF x LoA	-8,60637518	0,098	0,303
CHR1	27019035	CHR1:27019035	SSF x LoA	-7,99741773	-0,116	0,310
CHR1	27024179	CHR1:27024179	SSF x LoA	-9,49549977	-0,073	0,308
CHR1	27024277	CHR1:27024277	SSF x LoA	-8,59435418	-0,050	0,301
CHR1	27027078	CHR1:27027078	SSF x LoA	-8,49000851	0,003	0,312
CHR1	27027131	CHR1:27027131	SSF x LoA	-6,48033948	-0,038	0,316
CHR1	27027343	CHR1:27027343	SSF x LoA	-9,77386019	0,069	0,315
CHR1	2702739	CHR1:2702739	SSF x LoA	-5,41339619	0,211	0,281
CHR1	2702867	CHR1:2702867	SSF x LoA	-10,2199869	0,054	0,307
CHR1	27034716	CHR1:27034716	SSF x LoA	-7,35289419	-0,120	0,308
CHR1	27034769	CHR1:27034769	SSF x LoA	-4,04229587	-0,080	0,295
CHR1	27034837	CHR1:27034837	SSF x LoA	-10,7315665	-0,078	0,304
CHR1	27037607	CHR1:27037607	SSF x LoA	-9,55605673	0,009	0,318
CHR1	27047971	CHR1:27047971	SSF x LoA	-10,3064222	0,002	0,307
CHR1	27047979	CHR1:27047979	SSF x LoA	-11,4817788	0,003	0,311
CHR1	27048042	CHR1:27048042	SSF x LoA	-5,67711508	-0,021	0,308
CHR1	27048055	CHR1:27048055	SSF x LoA	-10,818395	-0,050	0,290
CHR1	27055627	CHR1:27055627	SSF x LoA	-8,81056709	-0,138	0,304
CHR1	27055685	CHR1:27055685	SSF x LoA	-8,37309152	-0,015	0,298
CHR1	27055718	CHR1:27055718	SSF x LoA	-8,332441	0,046	0,292
CHR1	27055730	CHR1:27055730	SSF x LoA	-9,38382575	0,052	0,306
CHR1	27055736	CHR1:27055736	SSF x LoA	-6,76578143	0,168	0,311
CHR1	27055745	CHR1:27055745	SSF x LoA	-6,34505862	0,006	0,312
CHR1	2706425	CHR1:2706425	SSF x LoA	-10,7362314	-0,052	0,318
CHR1	27066507	CHR1:27066507	SSF x LoA	-9,97271528	0,072	0,311
CHR1	27066800	CHR1:27066800	SSF x LoA	-8,84244814	-0,032	0,317
CHR1	27071640	CHR1:27071640	SSF x LoA	-10,8815973	-0,031	0,314
CHR1	27071703	CHR1:27071703	SSF x LoA	-10,6701532	-0,061	0,305
CHR1	27071710	CHR1:27071710	SSF x LoA	-9,26188957	0,011	0,316
CHR1	27071714	CHR1:27071714	SSF x LoA	-6,31061416	0,114	0,306
CHR1	27071715	CHR1:27071715	SSF x LoA	-9,10727829	0,067	0,308
CHR1	27083479	CHR1:27083479	SSF x LoA	-8,14855259	0,131	0,289

CHR1	27083661	CHR1:27083661	SSF x LoA	-10,9980115	0,037	0,312
CHR1	27083697	CHR1:27083697	SSF x LoA	-9,25701937	-0,106	0,288
CHR1	27083699	CHR1:27083699	SSF x LoA	-9,47498388	-0,140	0,295
CHR1	27083712	CHR1:27083712	SSF x LoA	-11,4500277	-0,072	0,302
CHR1	27083762	CHR1:27083762	SSF x LoA	-10,68008	-0,024	0,298
CHR1	27083829	CHR1:27083829	SSF x LoA	-6,19829172	-0,038	0,293
CHR1	27083846	CHR1:27083846	SSF x LoA	-11,1294786	-0,043	0,317
CHR1	27083867	CHR1:27083867	SSF x LoA	-12,038341	0,016	0,304
CHR1	27090401	CHR1:27090401	SSF x LoA	-9,0832225	-0,108	0,305
CHR1	27098421	CHR1:27098421	SSF x LoA	-8,34072251	0,061	0,315
CHR1	27098530	CHR1:27098530	SSF x LoA	-8,60179948	0,067	0,302
CHR1	27098557	CHR1:27098557	SSF x LoA	-10,0132195	0,004	0,302
CHR1	27098593	CHR1:27098593	SSF x LoA	-10,7662595	0,023	0,306
CHR1	27098670	CHR1:27098670	SSF x LoA	-8,37914264	0,001	0,318
CHR1	27110152	CHR1:27110152	SSF x LoA	-7,65560309	0,019	0,308
CHR1	27110251	CHR1:27110251	SSF x LoA	-8,23836994	0,037	0,309
CHR1	27110278	CHR1:27110278	SSF x LoA	-8,83102165	-0,060	0,309
CHR1	27110287	CHR1:27110287	SSF x LoA	-5,99359995	0,007	0,319
CHR1	27112911	CHR1:27112911	SSF x LoA	-11,8520584	-0,066	0,303
CHR1	27115920	CHR1:27115920	SSF x LoA	-8,71242951	-0,069	0,313
CHR1	27115921	CHR1:27115921	SSF x LoA	-5,49463006	-0,054	0,304
CHR1	27115925	CHR1:27115925	SSF x LoA	-1,21133481	-0,095	0,293
CHR1	27135783	CHR1:27135783	SSF x LoA	-7,54958135	0,104	0,314
CHR1	27135846	CHR1:27135846	SSF x LoA	-8,23808932	-0,044	0,331
CHR1	27135861	CHR1:27135861	SSF x LoA	-10,7768197	-0,038	0,303
CHR1	27135869	CHR1:27135869	SSF x LoA	-4,98237654	-0,032	0,316
CHR1	27138777	CHR1:27138777	SSF x LoA	-9,01119896	0,000	0,315
CHR1	27138779	CHR1:27138779	SSF x LoA	-9,69358366	0,026	0,307
CHR1	27141356	CHR1:27141356	SSF x LoA	-10,6600663	0,026	0,320
CHR1	27141407	CHR1:27141407	SSF x LoA	-10,4040068	0,067	0,309
CHR1	27141541	CHR1:27141541	SSF x LoA	-7,8770264	0,066	0,311
CHR1	2714695	CHR1:2714695	SSF x LoA	-9,90227961	0,022	0,305
CHR1	27154094	CHR1:27154094	SSF x LoA	-11,1412268	0,034	0,313
CHR1	27160350	CHR1:27160350	SSF x LoA	-8,64786157	0,000	0,304
CHR1	27160374	CHR1:27160374	SSF x LoA	-8,54221743	-0,029	0,317
CHR1	27160381	CHR1:27160381	SSF x LoA	-9,70870436	-0,121	0,300
CHR1	27178588	CHR1:27178588	SSF x LoA	-9,7094447	-0,020	0,290
CHR1	27194347	CHR1:27194347	SSF x LoA	-8,3631474	0,069	0,312
CHR1	27194503	CHR1:27194503	SSF x LoA	-10,9450392	0,099	0,312
CHR1	27194603	CHR1:27194603	SSF x LoA	-9,28519126	0,005	0,316
CHR1	27196841	CHR1:27196841	SSF x LoA	-10,4484692	0,040	0,315
CHR1	27196951	CHR1:27196951	SSF x LoA	-6,17656455	-0,146	0,314
CHR1	27200076	CHR1:27200076	SSF x LoA	-9,50730169	-0,080	0,310
CHR1	2720398	CHR1:2720398	SSF x LoA	-9,34146165	0,089	0,311
CHR1	27204629	CHR1:27204629	SSF x LoA	-3,89003332	-0,158	0,282
CHR1	27204705	CHR1:27204705	SSF x LoA	-8,11228613	-0,049	0,306
CHR1	27207544	CHR1:27207544	SSF x LoA	-10,2995527	-0,093	0,307
CHR1	27210952	CHR1:27210952	SSF x LoA	-9,04157386	-0,014	0,310
CHR1	27213419	CHR1:27213419	SSF x LoA	-2,88626662	-0,216	0,290
CHR1	27213565	CHR1:27213565	SSF x LoA	-11,1565378	-0,013	0,304
CHR1	27221334	CHR1:27221334	SSF x LoA	-8,31342015	-0,047	0,315
CHR1	27234894	CHR1:27234894	SSF x LoA	-7,53971051	-0,089	0,308
CHR1	27234968	CHR1:27234968	SSF x LoA	-9,33364117	-0,073	0,299

CHR1	27235031	CHR1:27235031	SSF x LoA	-8,68515692	-0,059	0,307
CHR1	27237488	CHR1:27237488	SSF x LoA	-2,36078673	-0,135	0,307
CHR1	27247798	CHR1:27247798	SSF x LoA	-4,54884478	-0,010	0,297
CHR1	27265896	CHR1:27265896	SSF x LoA	-9,17897663	0,099	0,316
CHR1	27266072	CHR1:27266072	SSF x LoA	-10,2647683	-0,016	0,307
CHR1	27266146	CHR1:27266146	SSF x LoA	-7,83686851	0,008	0,293
CHR1	2726640	CHR1:2726640	SSF x LoA	-10,5678052	0,016	0,308
CHR1	2726773	CHR1:2726773	SSF x LoA	-9,06708381	-0,027	0,325
CHR1	2726794	CHR1:2726794	SSF x LoA	-6,20712893	-0,024	0,316
CHR1	27292063	CHR1:27292063	SSF x LoA	-10,2065704	-0,038	0,302
CHR1	27292116	CHR1:27292116	SSF x LoA	-10,1408965	-0,069	0,323
CHR1	27296791	CHR1:27296791	SSF x LoA	-8,7961713	0,024	0,325
CHR1	27296825	CHR1:27296825	SSF x LoA	-10,2437094	0,000	0,306
CHR1	27296830	CHR1:27296830	SSF x LoA	-6,58550308	-0,076	0,316
CHR1	27297172	CHR1:27297172	SSF x LoA	-7,66613797	0,012	0,321
CHR1	27353991	CHR1:27353991	SSF x LoA	-8,36747515	-0,063	0,300
CHR1	27354104	CHR1:27354104	SSF x LoA	-8,72821037	-0,066	0,303
CHR1	27354106	CHR1:27354106	SSF x LoA	-7,96632281	-0,059	0,305
CHR1	27378272	CHR1:27378272	SSF x LoA	-10,6884894	-0,021	0,300
CHR1	27378285	CHR1:27378285	SSF x LoA	-11,4673606	0,052	0,308
CHR1	27378330	CHR1:27378330	SSF x LoA	-8,78804965	0,074	0,318
CHR1	27378607	CHR1:27378607	SSF x LoA	-10,5291995	0,095	0,309
CHR1	2738176	CHR1:2738176	SSF x LoA	-10,3339004	0,115	0,317
CHR1	27394515	CHR1:27394515	SSF x LoA	-9,21900592	0,039	0,318
CHR1	27410669	CHR1:27410669	SSF x LoA	-11,6834677	-0,034	0,305
CHR1	27410733	CHR1:27410733	SSF x LoA	-8,30551178	-0,086	0,308
CHR1	27412753	CHR1:27412753	SSF x LoA	-8,5431694	-0,118	0,298
CHR1	27412768	CHR1:27412768	SSF x LoA	2,73636567	0,191	0,299
CHR1	27413653	CHR1:27413653	SSF x LoA	-10,1682584	-0,061	0,307
CHR1	27413679	CHR1:27413679	SSF x LoA	-10,5901329	-0,033	0,308
CHR1	27413752	CHR1:27413752	SSF x LoA	-8,34370001	0,066	0,322
CHR1	27414123	CHR1:27414123	SSF x LoA	-11,2088241	-0,051	0,302
CHR1	27429274	CHR1:27429274	SSF x LoA	-10,1246572	0,018	0,302
CHR1	27429310	CHR1:27429310	SSF x LoA	-9,2978716	0,127	0,310
CHR1	27429319	CHR1:27429319	SSF x LoA	-8,11827713	0,149	0,303
CHR1	27429327	CHR1:27429327	SSF x LoA	-8,23447509	0,167	0,301
CHR1	27429333	CHR1:27429333	SSF x LoA	-8,19877174	0,071	0,295
CHR1	27436634	CHR1:27436634	SSF x LoA	-11,4139498	-0,053	0,311
CHR1	27438756	CHR1:27438756	SSF x LoA	-10,6342287	0,123	0,313
CHR1	27438779	CHR1:27438779	SSF x LoA	-8,67377897	-0,126	0,302
CHR1	27438822	CHR1:27438822	SSF x LoA	-9,76122981	-0,049	0,305
CHR1	27438829	CHR1:27438829	SSF x LoA	-10,112958	-0,046	0,320
CHR1	27438833	CHR1:27438833	SSF x LoA	-8,44602215	0,180	0,295
CHR1	27439387	CHR1:27439387	SSF x LoA	-10,4124651	-0,007	0,308
CHR1	27439388	CHR1:27439388	SSF x LoA	-9,77190852	-0,009	0,313
CHR1	27439389	CHR1:27439389	SSF x LoA	-9,0821491	-0,024	0,318
CHR1	27440580	CHR1:27440580	SSF x LoA	-12,2549023	-0,019	0,312
CHR1	27440610	CHR1:27440610	SSF x LoA	-7,75757547	0,030	0,309
CHR1	27443522	CHR1:27443522	SSF x LoA	-12,0667967	0,024	0,310
CHR1	27443620	CHR1:27443620	SSF x LoA	-9,06919247	-0,076	0,293
CHR1	27443642	CHR1:27443642	SSF x LoA	-8,65033008	-0,080	0,313
CHR1	27443643	CHR1:27443643	SSF x LoA	-9,37339608	-0,081	0,310
CHR1	27445534	CHR1:27445534	SSF x LoA	-8,58616375	-0,131	0,315

CHR1	27445571	CHR1:27445571	SSF x LoA	-9,71464125	-0,026	0,315
CHR1	27445599	CHR1:27445599	SSF x LoA	-10,4352329	0,031	0,307
CHR1	27445652	CHR1:27445652	SSF x LoA	-12,7635663	0,008	0,287
CHR1	27445686	CHR1:27445686	SSF x LoA	-9,10979026	0,040	0,314
CHR1	27445700	CHR1:27445700	SSF x LoA	-9,33872285	-0,022	0,304
CHR1	27445702	CHR1:27445702	SSF x LoA	-8,71644485	-0,020	0,316
CHR1	27445706	CHR1:27445706	SSF x LoA	-10,7740426	0,064	0,293
CHR1	27449238	CHR1:27449238	SSF x LoA	-9,1745214	0,039	0,305
CHR1	27449321	CHR1:27449321	SSF x LoA	-10,9711136	0,022	0,289
CHR1	27449364	CHR1:27449364	SSF x LoA	-10,1905242	0,019	0,301
CHR1	27449421	CHR1:27449421	SSF x LoA	-9,31420008	-0,051	0,318
CHR1	27451439	CHR1:27451439	SSF x LoA	-9,29591199	-0,081	0,302
CHR1	27451444	CHR1:27451444	SSF x LoA	-8,75959214	-0,055	0,307
CHR1	27451526	CHR1:27451526	SSF x LoA	-6,13552012	0,007	0,315
CHR1	2745492	CHR1:2745492	SSF x LoA	-8,60266642	0,037	0,302
CHR1	27462374	CHR1:27462374	SSF x LoA	-8,65982652	-0,062	0,289
CHR1	27462430	CHR1:27462430	SSF x LoA	-9,5542603	0,147	0,312
CHR1	27462435	CHR1:27462435	SSF x LoA	-8,61526016	0,114	0,310
CHR1	27462527	CHR1:27462527	SSF x LoA	-11,3582991	-0,016	0,305
CHR1	27462545	CHR1:27462545	SSF x LoA	-8,29490738	0,025	0,311
CHR1	27478565	CHR1:27478565	SSF x LoA	-7,49968621	0,162	0,304
CHR1	27478637	CHR1:27478637	SSF x LoA	-9,90008643	0,060	0,288
CHR1	27478788	CHR1:27478788	SSF x LoA	-9,45940415	-0,082	0,304
CHR1	27478813	CHR1:27478813	SSF x LoA	-8,08054239	-0,104	0,299
CHR1	27486495	CHR1:27486495	SSF x LoA	-9,50623912	0,040	0,307
CHR1	27489341	CHR1:27489341	SSF x LoA	-7,50419075	-0,135	0,307
CHR1	27489376	CHR1:27489376	SSF x LoA	-8,78061521	-0,014	0,308
CHR1	27489410	CHR1:27489410	SSF x LoA	-8,30714356	-0,032	0,309
CHR1	27492934	CHR1:27492934	SSF x LoA	-7,96545112	0,146	0,309
CHR1	27499021	CHR1:27499021	SSF x LoA	-7,61324366	-0,136	0,319
CHR1	27510924	CHR1:27510924	SSF x LoA	-8,48421625	0,043	0,305
CHR1	27514255	CHR1:27514255	SSF x LoA	-9,12526496	0,043	0,314
CHR1	27527603	CHR1:27527603	SSF x LoA	-8,37215092	-0,116	0,302
CHR1	27527619	CHR1:27527619	SSF x LoA	-8,57131646	-0,091	0,306
CHR1	27527689	CHR1:27527689	SSF x LoA	-8,6343094	-0,023	0,310
CHR1	27527702	CHR1:27527702	SSF x LoA	-1,43378905	0,038	0,318
CHR1	27533851	CHR1:27533851	SSF x LoA	-6,73179709	-0,043	0,299
CHR1	27533876	CHR1:27533876	SSF x LoA	-7,907022	0,061	0,321
CHR1	27533930	CHR1:27533930	SSF x LoA	-9,70231014	0,038	0,311
CHR1	27533931	CHR1:27533931	SSF x LoA	-8,99500136	-0,050	0,311
CHR1	27533956	CHR1:27533956	SSF x LoA	-9,35347656	-0,014	0,322
CHR1	27533964	CHR1:27533964	SSF x LoA	-9,74944787	-0,009	0,307
CHR1	27533978	CHR1:27533978	SSF x LoA	-8,74565868	0,073	0,313
CHR1	27533992	CHR1:27533992	SSF x LoA	-10,2793986	0,096	0,321
CHR1	27534050	CHR1:27534050	SSF x LoA	-9,65823011	0,038	0,309
CHR1	27534086	CHR1:27534086	SSF x LoA	-10,6038984	-0,031	0,309
CHR1	27534093	CHR1:27534093	SSF x LoA	-10,3580661	-0,066	0,311
CHR1	27534161	CHR1:27534161	SSF x LoA	-8,96463576	0,069	0,309
CHR1	2753665	CHR1:2753665	SSF x LoA	-6,67508337	0,110	0,292
CHR1	2753756	CHR1:2753756	SSF x LoA	-8,98382027	-0,124	0,309
CHR1	27540306	CHR1:27540306	SSF x LoA	-10,1698663	-0,036	0,297
CHR1	27540310	CHR1:27540310	SSF x LoA	4,42400284	-0,146	0,309
CHR1	27540313	CHR1:27540313	SSF x LoA	-11,7012666	-0,062	0,309

CHR1	27540332	CHR1:27540332	SSF x LoA	-10,8996186	-0,140	0,296
CHR1	27540337	CHR1:27540337	SSF x LoA	-5,41066609	0,152	0,319
CHR1	27540348	CHR1:27540348	SSF x LoA	-6,45541844	-0,091	0,306
CHR1	27540552	CHR1:27540552	SSF x LoA	-10,4292609	0,042	0,301
CHR1	27540554	CHR1:27540554	SSF x LoA	-8,70653868	0,033	0,303
CHR1	27548553	CHR1:27548553	SSF x LoA	-5,8766702	-0,189	0,297
CHR1	27548639	CHR1:27548639	SSF x LoA	-8,87268933	-0,099	0,300
CHR1	27562659	CHR1:27562659	SSF x LoA	-11,0410621	-0,087	0,306
CHR1	27562700	CHR1:27562700	SSF x LoA	-10,6764633	0,006	0,314
CHR1	27562749	CHR1:27562749	SSF x LoA	-7,05503504	0,138	0,295
CHR1	27563994	CHR1:27563994	SSF x LoA	-10,016699	0,141	0,296
CHR1	27564040	CHR1:27564040	SSF x LoA	-10,1845339	0,044	0,305
CHR1	27564044	CHR1:27564044	SSF x LoA	-9,56168852	0,053	0,294
CHR1	27564129	CHR1:27564129	SSF x LoA	-10,1905141	-0,087	0,300
CHR1	27564157	CHR1:27564157	SSF x LoA	-9,68321245	-0,033	0,315
CHR1	27564980	CHR1:27564980	SSF x LoA	-7,96684928	0,029	0,299
CHR1	27565049	CHR1:27565049	SSF x LoA	-10,8850066	-0,067	0,305
CHR1	2757162	CHR1:2757162	SSF x LoA	-10,889118	-0,001	0,313
CHR1	27576464	CHR1:27576464	SSF x LoA	-11,4402386	0,024	0,315
CHR1	27576466	CHR1:27576466	SSF x LoA	-9,7988676	-0,033	0,304
CHR1	27576467	CHR1:27576467	SSF x LoA	-10,6995966	0,040	0,297
CHR1	27576509	CHR1:27576509	SSF x LoA	-7,30593224	0,119	0,305
CHR1	27576527	CHR1:27576527	SSF x LoA	-6,17900785	0,141	0,282
CHR1	27576532	CHR1:27576532	SSF x LoA	-9,08921413	-0,051	0,303
CHR1	27584636	CHR1:27584636	SSF x LoA	-10,6866891	-0,003	0,315
CHR1	27590295	CHR1:27590295	SSF x LoA	-6,89391725	-0,024	0,303
CHR1	27590370	CHR1:27590370	SSF x LoA	-8,09530319	-0,115	0,308
CHR1	27607173	CHR1:27607173	SSF x LoA	-7,32152429	-0,043	0,316
CHR1	27607253	CHR1:27607253	SSF x LoA	-7,51357083	-0,028	0,289
CHR1	27607330	CHR1:27607330	SSF x LoA	-9,41333694	0,071	0,292
CHR1	27607331	CHR1:27607331	SSF x LoA	-7,80413905	0,056	0,306
CHR1	27607884	CHR1:27607884	SSF x LoA	-10,1216821	-0,033	0,304
CHR1	27607927	CHR1:27607927	SSF x LoA	-7,74432248	0,054	0,299
CHR1	27617514	CHR1:27617514	SSF x LoA	-10,4789385	-0,004	0,319
CHR1	27617547	CHR1:27617547	SSF x LoA	-11,4218225	-0,080	0,306
CHR1	27619677	CHR1:27619677	SSF x LoA	-8,87671112	0,061	0,307
CHR1	27619761	CHR1:27619761	SSF x LoA	-11,3645995	0,047	0,302
CHR1	27620791	CHR1:27620791	SSF x LoA	-7,84473692	-0,215	0,298
CHR1	27623740	CHR1:27623740	SSF x LoA	-10,4688612	0,028	0,309
CHR1	27623761	CHR1:27623761	SSF x LoA	-9,20599028	-0,031	0,305
CHR1	27623903	CHR1:27623903	SSF x LoA	-11,0272387	-0,124	0,306
CHR1	27623915	CHR1:27623915	SSF x LoA	-7,56236967	-0,047	0,307
CHR1	27623916	CHR1:27623916	SSF x LoA	-8,45571872	-0,035	0,322
CHR1	27623917	CHR1:27623917	SSF x LoA	-9,64027892	-0,032	0,316
CHR1	27637957	CHR1:27637957	SSF x LoA	-8,66191895	-0,069	0,320
CHR1	27637961	CHR1:27637961	SSF x LoA	-9,52320723	-0,077	0,311
CHR1	27638626	CHR1:27638626	SSF x LoA	-10,574327	-0,019	0,305
CHR1	27638627	CHR1:27638627	SSF x LoA	-8,94003309	-0,035	0,312
CHR1	27641538	CHR1:27641538	SSF x LoA	-8,35303806	-0,060	0,297
CHR1	27646074	CHR1:27646074	SSF x LoA	-10,1391474	-0,059	0,308
CHR1	27646080	CHR1:27646080	SSF x LoA	-10,6883971	0,040	0,283
CHR1	27646109	CHR1:27646109	SSF x LoA	-7,8786087	-0,097	0,311
CHR1	27646138	CHR1:27646138	SSF x LoA	-8,52275767	0,068	0,305

CHR1	27646214	CHR1:27646214	SSF x LoA	-11,0467243	0,055	0,313
CHR1	27655795	CHR1:27655795	SSF x LoA	-10,342233	-0,002	0,304
CHR1	27655890	CHR1:27655890	SSF x LoA	-8,44652454	0,058	0,306
CHR1	27659378	CHR1:27659378	SSF x LoA	-8,90953314	0,048	0,310
CHR1	27668561	CHR1:27668561	SSF x LoA	-4,99884947	-0,164	0,305
CHR1	27668621	CHR1:27668621	SSF x LoA	-9,71125446	0,018	0,304
CHR1	27668645	CHR1:27668645	SSF x LoA	-8,48840485	0,126	0,302
CHR1	27668657	CHR1:27668657	SSF x LoA	-8,87538845	-0,157	0,297
CHR1	27668682	CHR1:27668682	SSF x LoA	-2,90070682	-0,163	0,313
CHR1	27684054	CHR1:27684054	SSF x LoA	-11,0815323	-0,009	0,312
CHR1	27684104	CHR1:27684104	SSF x LoA	-8,14654277	-0,037	0,280
CHR1	27684118	CHR1:27684118	SSF x LoA	-7,80037788	-0,038	0,312
CHR1	27684120	CHR1:27684120	SSF x LoA	-11,1075237	0,115	0,295
CHR1	27684167	CHR1:27684167	SSF x LoA	-7,16319113	-0,093	0,301
CHR1	27684450	CHR1:27684450	SSF x LoA	-9,38522526	0,035	0,306
CHR1	27684534	CHR1:27684534	SSF x LoA	-10,4371447	-0,058	0,317
CHR1	27713348	CHR1:27713348	SSF x LoA	-9,01436632	-0,017	0,300
CHR1	27713382	CHR1:27713382	SSF x LoA	-11,2864716	-0,045	0,298
CHR1	27713394	CHR1:27713394	SSF x LoA	-12,0686065	-0,055	0,298
CHR1	27713429	CHR1:27713429	SSF x LoA	-10,1525613	-0,009	0,301
CHR1	27713456	CHR1:27713456	SSF x LoA	-8,09250508	0,025	0,317
CHR1	27713459	CHR1:27713459	SSF x LoA	-6,69027274	-0,080	0,309
CHR1	27715998	CHR1:27715998	SSF x LoA	-9,70562391	-0,096	0,310
CHR1	27716026	CHR1:27716026	SSF x LoA	-11,5054136	0,040	0,309
CHR1	27716034	CHR1:27716034	SSF x LoA	-9,42793809	0,125	0,298
CHR1	27716181	CHR1:27716181	SSF x LoA	-8,76624893	-0,057	0,299
CHR1	27716188	CHR1:27716188	SSF x LoA	-9,49519662	0,058	0,309
CHR1	2772782	CHR1:2772782	SSF x LoA	-3,88571197	0,119	0,297
CHR1	2772965	CHR1:2772965	SSF x LoA	-7,76139986	-0,082	0,292
CHR1	2773004	CHR1:2773004	SSF x LoA	-10,499809	-0,065	0,312
CHR1	2773087	CHR1:2773087	SSF x LoA	-9,44498773	0,103	0,316
CHR1	27744950	CHR1:27744950	SSF x LoA	-7,90913193	0,033	0,297
CHR1	27745105	CHR1:27745105	SSF x LoA	0,93091096	0,104	0,296
CHR1	27745206	CHR1:27745206	SSF x LoA	-10,8649637	0,025	0,314
CHR1	27751437	CHR1:27751437	SSF x LoA	-3,21050939	-0,164	0,317
CHR1	27751454	CHR1:27751454	SSF x LoA	-9,70530204	-0,083	0,286
CHR1	27753051	CHR1:27753051	SSF x LoA	-6,68531019	-0,041	0,315
CHR1	27753533	CHR1:27753533	SSF x LoA	-7,2666211	-0,176	0,308
CHR1	27753579	CHR1:27753579	SSF x LoA	-8,48035997	-0,049	0,297
CHR1	27756527	CHR1:27756527	SSF x LoA	-10,7195055	-0,059	0,300
CHR1	27758532	CHR1:27758532	SSF x LoA	-9,73658177	-0,028	0,309
CHR1	27758546	CHR1:27758546	SSF x LoA	-8,00687323	0,148	0,300
CHR1	27760861	CHR1:27760861	SSF x LoA	-10,573352	-0,080	0,312
CHR1	27760920	CHR1:27760920	SSF x LoA	-10,8398124	0,064	0,313
CHR1	27763624	CHR1:27763624	SSF x LoA	-9,50467767	-0,043	0,297
CHR1	27763827	CHR1:27763827	SSF x LoA	-11,1031031	-0,056	0,313
CHR1	27769019	CHR1:27769019	SSF x LoA	-9,57876265	-0,061	0,302
CHR1	27769129	CHR1:27769129	SSF x LoA	-4,47033767	0,121	0,301
CHR1	27769145	CHR1:27769145	SSF x LoA	7,18343929	0,180	0,284
CHR1	27778716	CHR1:27778716	SSF x LoA	-10,1775754	0,012	0,283
CHR1	27778732	CHR1:27778732	SSF x LoA	-11,2854443	-0,025	0,309
CHR1	27778745	CHR1:27778745	SSF x LoA	-6,08877268	0,072	0,300
CHR1	27778753	CHR1:27778753	SSF x LoA	-3,42243358	0,101	0,288

CHR1	27778769	CHR1:27778769	SSF x LoA	-10,2424777	0,019	0,285
CHR1	27778794	CHR1:27778794	SSF x LoA	-10,5731875	0,117	0,296
CHR1	27778839	CHR1:27778839	SSF x LoA	-8,40263867	-0,032	0,311
CHR1	27778908	CHR1:27778908	SSF x LoA	-11,0708719	0,038	0,318
CHR1	27778922	CHR1:27778922	SSF x LoA	-8,99497781	0,105	0,311
CHR1	27778943	CHR1:27778943	SSF x LoA	-9,60254898	-0,032	0,303
CHR1	27791531	CHR1:27791531	SSF x LoA	-11,722042	0,016	0,280
CHR1	27791594	CHR1:27791594	SSF x LoA	-8,90465546	-0,056	0,297
CHR1	27791620	CHR1:27791620	SSF x LoA	-10,1762448	-0,077	0,300
CHR1	27791635	CHR1:27791635	SSF x LoA	-10,4221817	-0,005	0,304
CHR1	27807859	CHR1:27807859	SSF x LoA	-10,3896287	0,076	0,305
CHR1	27807961	CHR1:27807961	SSF x LoA	-10,9460632	0,087	0,286
CHR1	27814788	CHR1:27814788	SSF x LoA	-9,47005896	0,026	0,307
CHR1	27814818	CHR1:27814818	SSF x LoA	-9,63368343	0,056	0,296
CHR1	27814875	CHR1:27814875	SSF x LoA	-8,56462582	0,081	0,305
CHR1	27814883	CHR1:27814883	SSF x LoA	-7,84443481	0,091	0,317
CHR1	27814909	CHR1:27814909	SSF x LoA	-10,5845014	0,008	0,288
CHR1	27814930	CHR1:27814930	SSF x LoA	-4,8581653	0,162	0,305
CHR1	27819056	CHR1:27819056	SSF x LoA	-10,3243382	0,104	0,302
CHR1	27819105	CHR1:27819105	SSF x LoA	-9,14774382	-0,004	0,312
CHR1	27824766	CHR1:27824766	SSF x LoA	-9,65146343	-0,015	0,318
CHR1	27830306	CHR1:27830306	SSF x LoA	-8,32191067	0,069	0,296
CHR1	27830318	CHR1:27830318	SSF x LoA	-11,3439206	-0,024	0,303
CHR1	27830329	CHR1:27830329	SSF x LoA	-8,55855236	0,151	0,290
CHR1	27830362	CHR1:27830362	SSF x LoA	-10,3514341	-0,062	0,291
CHR1	27830394	CHR1:27830394	SSF x LoA	-10,3411585	-0,065	0,289
CHR1	2783327	CHR1:2783327	SSF x LoA	-11,8602841	-0,010	0,309
CHR1	2783450	CHR1:2783450	SSF x LoA	-10,7362777	0,108	0,304
CHR1	27834619	CHR1:27834619	SSF x LoA	-7,55580249	-0,159	0,299
CHR1	27834649	CHR1:27834649	SSF x LoA	-5,51506363	0,009	0,305
CHR1	2783494	CHR1:2783494	SSF x LoA	-7,03713254	-0,036	0,314
CHR1	27836010	CHR1:27836010	SSF x LoA	-3,85120957	-0,016	0,309
CHR1	27836018	CHR1:27836018	SSF x LoA	-9,7683411	0,085	0,302
CHR1	27836039	CHR1:27836039	SSF x LoA	-10,3371338	-0,142	0,305
CHR1	27836114	CHR1:27836114	SSF x LoA	-10,1255852	0,104	0,309
CHR1	27841412	CHR1:27841412	SSF x LoA	-8,55413931	-0,019	0,314
CHR1	27841528	CHR1:27841528	SSF x LoA	-9,75096309	0,161	0,307
CHR1	27841592	CHR1:27841592	SSF x LoA	-7,2262147	0,193	0,299
CHR1	27841623	CHR1:27841623	SSF x LoA	-8,35682892	-0,044	0,309
CHR1	27853452	CHR1:27853452	SSF x LoA	-11,6640606	0,000	0,309
CHR1	27853571	CHR1:27853571	SSF x LoA	-8,90830491	-0,074	0,300
CHR1	27876966	CHR1:27876966	SSF x LoA	-8,08527137	-0,001	0,302
CHR1	27876987	CHR1:27876987	SSF x LoA	-10,5492248	0,011	0,314
CHR1	27876998	CHR1:27876998	SSF x LoA	-9,19982947	0,056	0,314
CHR1	27877029	CHR1:27877029	SSF x LoA	-6,88516943	-0,243	0,296
CHR1	27877062	CHR1:27877062	SSF x LoA	-10,0849161	0,059	0,322
CHR1	27877142	CHR1:27877142	SSF x LoA	-11,1922098	0,020	0,311
CHR1	27877266	CHR1:27877266	SSF x LoA	-12,2728191	0,004	0,304
CHR1	27877313	CHR1:27877313	SSF x LoA	-10,0509153	0,000	0,301
CHR1	27880823	CHR1:27880823	SSF x LoA	-9,43238473	-0,070	0,299
CHR1	27885028	CHR1:27885028	SSF x LoA	-9,54203996	0,116	0,300
CHR1	27885078	CHR1:27885078	SSF x LoA	-9,07463368	-0,022	0,302
CHR1	27885113	CHR1:27885113	SSF x LoA	-8,85802677	0,079	0,309

CHR1	27885165	CHR1:27885165	SSF x LoA	-8,30103662	0,034	0,314
CHR1	27885167	CHR1:27885167	SSF x LoA	-7,95713846	-0,200	0,307
CHR1	27887804	CHR1:27887804	SSF x LoA	-6,81882126	-0,047	0,312
CHR1	27887839	CHR1:27887839	SSF x LoA	-7,69257524	-0,058	0,311
CHR1	27888070	CHR1:27888070	SSF x LoA	-8,33437988	-0,058	0,305
CHR1	27888160	CHR1:27888160	SSF x LoA	-8,74284109	-0,097	0,286
CHR1	27899390	CHR1:27899390	SSF x LoA	-9,91908337	0,022	0,291
CHR1	27899457	CHR1:27899457	SSF x LoA	-9,67422907	-0,086	0,291
CHR1	27899499	CHR1:27899499	SSF x LoA	-9,70772493	-0,105	0,320
CHR1	27899554	CHR1:27899554	SSF x LoA	-11,7160074	0,015	0,309
CHR1	27899572	CHR1:27899572	SSF x LoA	-11,2452289	-0,011	0,320
CHR1	27907756	CHR1:27907756	SSF x LoA	-10,0737037	0,048	0,310
CHR1	27907913	CHR1:27907913	SSF x LoA	-8,30736993	0,051	0,292
CHR1	27907951	CHR1:27907951	SSF x LoA	-10,7501249	0,067	0,301
CHR1	27907969	CHR1:27907969	SSF x LoA	-3,12598995	-0,015	0,302
CHR1	27933551	CHR1:27933551	SSF x LoA	-9,72829095	-0,032	0,314
CHR1	27935276	CHR1:27935276	SSF x LoA	-6,83791372	-0,127	0,299
CHR1	27935304	CHR1:27935304	SSF x LoA	-8,53471449	0,030	0,306
CHR1	27935317	CHR1:27935317	SSF x LoA	-10,1058139	0,071	0,295
CHR1	27935334	CHR1:27935334	SSF x LoA	-10,0785247	0,048	0,303
CHR1	27937745	CHR1:27937745	SSF x LoA	-8,78722505	0,098	0,310
CHR1	27937756	CHR1:27937756	SSF x LoA	-8,50582466	-0,103	0,303
CHR1	27937767	CHR1:27937767	SSF x LoA	-8,16446518	0,034	0,320
CHR1	27944211	CHR1:27944211	SSF x LoA	-8,69821777	-0,074	0,309
CHR1	27954366	CHR1:27954366	SSF x LoA	-10,220327	-0,060	0,303
CHR1	27954375	CHR1:27954375	SSF x LoA	-7,60123426	0,144	0,300
CHR1	27957630	CHR1:27957630	SSF x LoA	-8,95829808	-0,041	0,299
CHR1	27957655	CHR1:27957655	SSF x LoA	-7,55962423	0,125	0,312
CHR1	27957678	CHR1:27957678	SSF x LoA	-9,5822163	0,033	0,297
CHR1	27957684	CHR1:27957684	SSF x LoA	-9,22887777	0,097	0,304
CHR1	27957686	CHR1:27957686	SSF x LoA	-9,45496414	0,108	0,309
CHR1	27957699	CHR1:27957699	SSF x LoA	-8,32985719	0,069	0,301
CHR1	27957704	CHR1:27957704	SSF x LoA	-10,9497576	-0,013	0,305
CHR1	27957747	CHR1:27957747	SSF x LoA	-7,90616674	0,142	0,317
CHR1	2796235	CHR1:2796235	SSF x LoA	-6,1421893	0,179	0,297
CHR1	2796251	CHR1:2796251	SSF x LoA	-8,70296193	0,039	0,314
CHR1	2796259	CHR1:2796259	SSF x LoA	-8,19118903	-0,001	0,301
CHR1	2796598	CHR1:2796598	SSF x LoA	-9,29508983	0,105	0,299
CHR1	27974773	CHR1:27974773	SSF x LoA	-8,30101521	0,029	0,303
CHR1	27974785	CHR1:27974785	SSF x LoA	-7,65047115	0,009	0,307
CHR1	27974822	CHR1:27974822	SSF x LoA	-5,16545859	0,057	0,325
CHR1	27974847	CHR1:27974847	SSF x LoA	-7,9252482	0,038	0,305
CHR1	27974871	CHR1:27974871	SSF x LoA	-10,4005666	0,041	0,291
CHR1	27974902	CHR1:27974902	SSF x LoA	-9,84640581	-0,062	0,310
CHR1	27974951	CHR1:27974951	SSF x LoA	-9,15217501	-0,138	0,297
CHR1	27987411	CHR1:27987411	SSF x LoA	-9,44482693	-0,131	0,302
CHR1	27990352	CHR1:27990352	SSF x LoA	-8,78914586	0,039	0,298
CHR1	27990380	CHR1:27990380	SSF x LoA	-8,35866596	-0,057	0,311
CHR1	27990414	CHR1:27990414	SSF x LoA	-9,26429509	0,008	0,302
CHR1	27990452	CHR1:27990452	SSF x LoA	-8,36501604	-0,039	0,303
CHR1	27995483	CHR1:27995483	SSF x LoA	8,02643022	-0,142	0,302
CHR1	27995506	CHR1:27995506	SSF x LoA	-8,41847314	-0,054	0,312
CHR1	27995525	CHR1:27995525	SSF x LoA	-3,02299276	0,206	0,292

CHR1	27995549	CHR1:27995549	SSF x LoA	-9,21348182	-0,102	0,294
CHR1	27995594	CHR1:27995594	SSF x LoA	-10,1141078	-0,111	0,311
CHR1	27995599	CHR1:27995599	SSF x LoA	-8,92007993	0,027	0,306
CHR1	27995605	CHR1:27995605	SSF x LoA	-10,0172614	0,062	0,288
CHR1	27995612	CHR1:27995612	SSF x LoA	-8,13240157	-0,096	0,317
CHR1	27999478	CHR1:27999478	SSF x LoA	-9,37679051	0,087	0,305
CHR1	27999541	CHR1:27999541	SSF x LoA	-9,22704235	0,093	0,310
CHR1	27999548	CHR1:27999548	SSF x LoA	-9,60304611	0,017	0,292
CHR1	27999550	CHR1:27999550	SSF x LoA	-9,82243554	0,027	0,309
CHR1	27999576	CHR1:27999576	SSF x LoA	-8,30808516	0,058	0,314
CHR1	27999585	CHR1:27999585	SSF x LoA	-7,48674158	0,041	0,318
CHR1	27999863	CHR1:27999863	SSF x LoA	-9,27016225	0,022	0,308
CHR1	27999921	CHR1:27999921	SSF x LoA	-9,79522689	-0,024	0,320
CHR1	27999940	CHR1:27999940	SSF x LoA	-8,82214386	-0,012	0,319
CHR1	27999982	CHR1:27999982	SSF x LoA	-10,3743028	0,110	0,302
CHR1	2800855	CHR1:2800855	SSF x LoA	-5,78338964	-0,159	0,303
CHR1	2800947	CHR1:2800947	SSF x LoA	-9,96235722	-0,032	0,310
CHR1	28010159	CHR1:28010159	SSF x LoA	-11,4415236	0,067	0,307
CHR1	28010165	CHR1:28010165	SSF x LoA	-9,01555648	0,159	0,303
CHR1	28010186	CHR1:28010186	SSF x LoA	-12,5450065	-0,017	0,300
CHR1	28011063	CHR1:28011063	SSF x LoA	-11,4223667	-0,050	0,309
CHR1	2802817	CHR1:2802817	SSF x LoA	-10,5998419	0,030	0,299
CHR1	2802891	CHR1:2802891	SSF x LoA	-9,59834999	-0,088	0,302
CHR1	28029493	CHR1:28029493	SSF x LoA	-8,94012608	0,111	0,309
CHR1	2803061	CHR1:2803061	SSF x LoA	-8,976913	0,052	0,311
CHR1	28033732	CHR1:28033732	SSF x LoA	-8,19289241	0,051	0,306
CHR1	28033739	CHR1:28033739	SSF x LoA	-6,38979258	0,055	0,322
CHR1	28042550	CHR1:28042550	SSF x LoA	-8,26070721	-0,041	0,305
CHR1	28042558	CHR1:28042558	SSF x LoA	-9,60444498	0,106	0,302
CHR1	28042587	CHR1:28042587	SSF x LoA	-10,5290171	0,066	0,300
CHR1	28042604	CHR1:28042604	SSF x LoA	-7,56425747	0,068	0,303
CHR1	28042612	CHR1:28042612	SSF x LoA	-9,6895155	-0,046	0,320
CHR1	28042625	CHR1:28042625	SSF x LoA	-11,29188	-0,018	0,292
CHR1	28042649	CHR1:28042649	SSF x LoA	5,41438329	-0,024	0,311
CHR1	28042695	CHR1:28042695	SSF x LoA	-11,0460302	-0,029	0,299
CHR1	28045123	CHR1:28045123	SSF x LoA	-5,47236571	-0,154	0,299
CHR1	28045197	CHR1:28045197	SSF x LoA	-11,4446735	0,022	0,310
CHR1	28045223	CHR1:28045223	SSF x LoA	-8,45126752	0,113	0,307
CHR1	28045233	CHR1:28045233	SSF x LoA	-6,16956739	0,093	0,313
CHR1	28045234	CHR1:28045234	SSF x LoA	-8,04060406	0,095	0,306
CHR1	28047499	CHR1:28047499	SSF x LoA	-1,12195418	-0,092	0,292
CHR1	28047528	CHR1:28047528	SSF x LoA	-7,41349119	0,164	0,294
CHR1	28047598	CHR1:28047598	SSF x LoA	-11,2225496	-0,065	0,313
CHR1	28053297	CHR1:28053297	SSF x LoA	-8,82227568	0,034	0,304
CHR1	28053387	CHR1:28053387	SSF x LoA	-8,70531901	-0,062	0,312
CHR1	28060554	CHR1:28060554	SSF x LoA	-6,19794266	0,179	0,304
CHR1	28060559	CHR1:28060559	SSF x LoA	-10,4499535	0,052	0,313
CHR1	28062160	CHR1:28062160	SSF x LoA	-8,48898482	-0,134	0,293
CHR1	28062185	CHR1:28062185	SSF x LoA	-6,84624761	-0,158	0,290
CHR1	28062187	CHR1:28062187	SSF x LoA	-6,69220282	-0,109	0,285
CHR1	28062231	CHR1:28062231	SSF x LoA	-10,0589598	0,135	0,311
CHR1	28064823	CHR1:28064823	SSF x LoA	-8,01445141	0,131	0,304
CHR1	28064972	CHR1:28064972	SSF x LoA	-9,45666369	-0,099	0,312

CHR1	28064976	CHR1:28064976	SSF x LoA	-6,81174854	-0,056	0,308
CHR1	28068495	CHR1:28068495	SSF x LoA	-7,4232137	0,187	0,306
CHR1	28068523	CHR1:28068523	SSF x LoA	-8,20854234	-0,009	0,300
CHR1	28068538	CHR1:28068538	SSF x LoA	3,44509977	0,042	0,313
CHR1	28077338	CHR1:28077338	SSF x LoA	-9,72703439	0,024	0,305
CHR1	28082422	CHR1:28082422	SSF x LoA	-8,93787911	0,087	0,322
CHR1	28082450	CHR1:28082450	SSF x LoA	-11,1725442	0,063	0,302
CHR1	28082530	CHR1:28082530	SSF x LoA	-10,9837601	0,081	0,294
CHR1	28084719	CHR1:28084719	SSF x LoA	-10,871406	0,050	0,294
CHR1	28092032	CHR1:28092032	SSF x LoA	-6,28555665	0,134	0,310
CHR1	28092185	CHR1:28092185	SSF x LoA	-9,80066604	-0,029	0,298
CHR1	28100955	CHR1:28100955	SSF x LoA	-11,6954116	-0,060	0,310
CHR1	28100976	CHR1:28100976	SSF x LoA	-8,69934669	0,079	0,321
CHR1	2811482	CHR1:2811482	SSF x LoA	-10,6394009	0,044	0,317
CHR1	2811511	CHR1:2811511	SSF x LoA	-4,08881665	0,045	0,298
CHR1	2811579	CHR1:2811579	SSF x LoA	-10,8180005	-0,108	0,299
CHR1	2811584	CHR1:2811584	SSF x LoA	-8,96576822	-0,036	0,315
CHR1	2811593	CHR1:2811593	SSF x LoA	-10,8270238	-0,077	0,308
CHR1	2811607	CHR1:2811607	SSF x LoA	-6,54561549	-0,098	0,305
CHR1	28122166	CHR1:28122166	SSF x LoA	-11,7693434	-0,044	0,291
CHR1	28124436	CHR1:28124436	SSF x LoA	-9,66077631	-0,068	0,307
CHR1	28124470	CHR1:28124470	SSF x LoA	-10,827013	0,044	0,304
CHR1	28129773	CHR1:28129773	SSF x LoA	-9,09283233	-0,001	0,293
CHR1	28134761	CHR1:28134761	SSF x LoA	-11,5846683	0,003	0,313
CHR1	28135364	CHR1:28135364	SSF x LoA	-8,0880201	0,081	0,315
CHR1	28139498	CHR1:28139498	SSF x LoA	-11,2518714	-0,063	0,312
CHR1	28139507	CHR1:28139507	SSF x LoA	-11,012689	-0,018	0,308
CHR1	28145798	CHR1:28145798	SSF x LoA	-11,358931	-0,007	0,299
CHR1	28158392	CHR1:28158392	SSF x LoA	-9,46127752	0,026	0,302
CHR1	28158471	CHR1:28158471	SSF x LoA	-7,01595378	-0,216	0,292
CHR1	28158544	CHR1:28158544	SSF x LoA	-8,35011652	0,153	0,314
CHR1	28171188	CHR1:28171188	SSF x LoA	-8,95739993	0,050	0,323
CHR1	28171237	CHR1:28171237	SSF x LoA	-10,2750282	-0,015	0,304
CHR1	28171257	CHR1:28171257	SSF x LoA	-10,0452192	-0,001	0,304
CHR1	28171277	CHR1:28171277	SSF x LoA	-9,17421211	-0,069	0,319
CHR1	28171401	CHR1:28171401	SSF x LoA	-11,7898043	-0,055	0,298
CHR1	28180971	CHR1:28180971	SSF x LoA	-6,73699588	-0,125	0,301
CHR1	28181186	CHR1:28181186	SSF x LoA	-8,95118592	-0,023	0,314
CHR1	28194282	CHR1:28194282	SSF x LoA	-8,86447109	0,148	0,297
CHR1	28194311	CHR1:28194311	SSF x LoA	-9,11657764	-0,013	0,304
CHR1	28194340	CHR1:28194340	SSF x LoA	-7,1542033	0,027	0,313
CHR1	28198516	CHR1:28198516	SSF x LoA	-9,59695615	0,013	0,315
CHR1	28198775	CHR1:28198775	SSF x LoA	-9,7950897	0,003	0,316
CHR1	28204857	CHR1:28204857	SSF x LoA	-8,70394639	0,054	0,303
CHR1	28204975	CHR1:28204975	SSF x LoA	-11,4228221	-0,071	0,308
CHR1	28204977	CHR1:28204977	SSF x LoA	-10,7736477	0,042	0,315
CHR1	28205249	CHR1:28205249	SSF x LoA	-7,54113553	0,032	0,318
CHR1	28214157	CHR1:28214157	SSF x LoA	-6,82917524	0,009	0,307
CHR1	28243542	CHR1:28243542	SSF x LoA	-11,2850743	-0,004	0,306
CHR1	28243658	CHR1:28243658	SSF x LoA	-7,44667918	-0,133	0,313
CHR1	28249143	CHR1:28249143	SSF x LoA	-3,48039107	-0,006	0,313
CHR1	28249154	CHR1:28249154	SSF x LoA	-8,88840148	0,000	0,310
CHR1	28249451	CHR1:28249451	SSF x LoA	-8,13748572	-0,010	0,318

CHR1	28249452	CHR1:28249452	SSF x LoA	-9,4436314	0,001	0,309
CHR1	28276325	CHR1:28276325	SSF x LoA	-7,06627685	0,035	0,316
CHR1	28294006	CHR1:28294006	SSF x LoA	-9,79775373	-0,027	0,312
CHR1	2829827	CHR1:2829827	SSF x LoA	-11,545745	-0,055	0,311
CHR1	28324470	CHR1:28324470	SSF x LoA	-9,04947685	0,093	0,300
CHR1	28324503	CHR1:28324503	SSF x LoA	-11,409956	-0,077	0,300
CHR1	28324654	CHR1:28324654	SSF x LoA	-7,97547512	-0,024	0,315
CHR1	28332183	CHR1:28332183	SSF x LoA	-10,4148435	0,044	0,301
CHR1	28332185	CHR1:28332185	SSF x LoA	-9,41619745	0,086	0,325
CHR1	28332190	CHR1:28332190	SSF x LoA	-9,18625792	-0,069	0,325
CHR1	28332227	CHR1:28332227	SSF x LoA	-8,71346321	-0,068	0,304
CHR1	28332267	CHR1:28332267	SSF x LoA	-8,07259142	0,037	0,310
CHR1	28333531	CHR1:28333531	SSF x LoA	-11,4742154	-0,037	0,316
CHR1	28333560	CHR1:28333560	SSF x LoA	-10,4699627	0,006	0,305
CHR1	28339706	CHR1:28339706	SSF x LoA	-8,01424085	-0,106	0,313
CHR1	28339771	CHR1:28339771	SSF x LoA	-8,91619447	-0,152	0,294
CHR1	2834886	CHR1:2834886	SSF x LoA	-9,49801315	-0,135	0,286
CHR1	2834998	CHR1:2834998	SSF x LoA	-5,21790696	-0,200	0,301
CHR1	28350319	CHR1:28350319	SSF x LoA	-10,2747083	-0,091	0,302
CHR1	28350345	CHR1:28350345	SSF x LoA	-9,13467978	0,093	0,307
CHR1	28387923	CHR1:28387923	SSF x LoA	-8,89819793	0,087	0,302
CHR1	28387934	CHR1:28387934	SSF x LoA	-9,88727407	0,102	0,299
CHR1	283960	CHR1:283960	SSF x LoA	-10,4831705	0,026	0,306
CHR1	28401974	CHR1:28401974	SSF x LoA	-8,30643894	0,064	0,312
CHR1	2841750	CHR1:2841750	SSF x LoA	-9,09933709	-0,038	0,321
CHR1	2841905	CHR1:2841905	SSF x LoA	-9,57180106	0,090	0,311
CHR1	2841949	CHR1:2841949	SSF x LoA	-8,38686055	-0,155	0,292
CHR1	28423890	CHR1:28423890	SSF x LoA	-8,65819541	0,031	0,300
CHR1	28423935	CHR1:28423935	SSF x LoA	-9,91304601	0,023	0,305
CHR1	28423940	CHR1:28423940	SSF x LoA	-6,7418258	-0,138	0,287
CHR1	28424687	CHR1:28424687	SSF x LoA	-11,0804933	0,012	0,315
CHR1	28427402	CHR1:28427402	SSF x LoA	-8,53971778	0,166	0,293
CHR1	28427426	CHR1:28427426	SSF x LoA	-9,07656519	0,079	0,313
CHR1	28427441	CHR1:28427441	SSF x LoA	-9,26877609	0,027	0,315
CHR1	28427517	CHR1:28427517	SSF x LoA	-9,89355528	-0,168	0,300
CHR1	28427525	CHR1:28427525	SSF x LoA	-2,07608138	0,246	0,281
CHR1	28427534	CHR1:28427534	SSF x LoA	-10,840796	0,075	0,316
CHR1	28427584	CHR1:28427584	SSF x LoA	-7,19460898	0,151	0,299
CHR1	28437147	CHR1:28437147	SSF x LoA	-8,55164154	-0,012	0,297
CHR1	28437249	CHR1:28437249	SSF x LoA	-8,63744128	0,079	0,302
CHR1	28438441	CHR1:28438441	SSF x LoA	-9,27183941	-0,017	0,309
CHR1	28444521	CHR1:28444521	SSF x LoA	-10,27298	-0,064	0,301
CHR1	28445390	CHR1:28445390	SSF x LoA	-11,2425067	0,065	0,306
CHR1	2845209	CHR1:2845209	SSF x LoA	-10,115893	-0,006	0,301
CHR1	2845263	CHR1:2845263	SSF x LoA	-9,09048265	0,080	0,303
CHR1	28458674	CHR1:28458674	SSF x LoA	-10,3521309	-0,019	0,313
CHR1	28470310	CHR1:28470310	SSF x LoA	-10,5713997	-0,073	0,306
CHR1	28470312	CHR1:28470312	SSF x LoA	-10,9175766	0,021	0,300
CHR1	28483158	CHR1:28483158	SSF x LoA	-11,2776575	-0,010	0,307
CHR1	28483188	CHR1:28483188	SSF x LoA	-11,416374	-0,043	0,309
CHR1	28483252	CHR1:28483252	SSF x LoA	-9,02895573	0,002	0,327
CHR1	28483337	CHR1:28483337	SSF x LoA	-12,5556776	0,005	0,291
CHR1	28489751	CHR1:28489751	SSF x LoA	-10,0906832	-0,065	0,314

CHR1	28489917	CHR1:28489917	SSF x LoA	-8,54412284	0,118	0,291
CHR1	28491212	CHR1:28491212	SSF x LoA	-9,3600337	-0,054	0,312
CHR1	28491234	CHR1:28491234	SSF x LoA	-10,6821551	0,124	0,296
CHR1	28491280	CHR1:28491280	SSF x LoA	-9,03942111	-0,018	0,319
CHR1	28491325	CHR1:28491325	SSF x LoA	-5,91891769	-0,229	0,285
CHR1	28491348	CHR1:28491348	SSF x LoA	-11,709743	-0,072	0,304
CHR1	28507522	CHR1:28507522	SSF x LoA	-9,38308758	-0,081	0,306
CHR1	28507695	CHR1:28507695	SSF x LoA	-2,92459535	0,163	0,304
CHR1	28509068	CHR1:28509068	SSF x LoA	-4,09710292	0,130	0,323
CHR1	28509113	CHR1:28509113	SSF x LoA	-10,4394638	-0,064	0,308
CHR1	28509114	CHR1:28509114	SSF x LoA	-10,6356868	0,004	0,316
CHR1	28509133	CHR1:28509133	SSF x LoA	-8,66929068	-0,074	0,310
CHR1	28509867	CHR1:28509867	SSF x LoA	-8,88642221	0,062	0,299
CHR1	28514006	CHR1:28514006	SSF x LoA	-10,2841767	-0,014	0,304
CHR1	2854128	CHR1:2854128	SSF x LoA	-10,8090821	-0,031	0,323
CHR1	2854442	CHR1:2854442	SSF x LoA	-10,2422754	0,005	0,309
CHR1	28552849	CHR1:28552849	SSF x LoA	-8,70476309	-0,058	0,319
CHR1	28563203	CHR1:28563203	SSF x LoA	-9,34528328	0,196	0,303
CHR1	28563219	CHR1:28563219	SSF x LoA	-8,84787559	-0,006	0,310
CHR1	28563275	CHR1:28563275	SSF x LoA	-10,6925016	-0,025	0,306
CHR1	28563276	CHR1:28563276	SSF x LoA	-11,2612798	-0,028	0,308
CHR1	28563288	CHR1:28563288	SSF x LoA	-9,35522695	0,089	0,305
CHR1	28563334	CHR1:28563334	SSF x LoA	-9,96205104	-0,071	0,300
CHR1	28568886	CHR1:28568886	SSF x LoA	-11,0766087	0,029	0,316
CHR1	28568905	CHR1:28568905	SSF x LoA	-7,6530632	-0,114	0,292
CHR1	28581937	CHR1:28581937	SSF x LoA	-8,22740226	-0,091	0,298
CHR1	28581993	CHR1:28581993	SSF x LoA	-9,02213632	-0,001	0,312
CHR1	28582025	CHR1:28582025	SSF x LoA	-4,78537694	0,122	0,300
CHR1	28582058	CHR1:28582058	SSF x LoA	-7,14270332	0,106	0,309
CHR1	28582062	CHR1:28582062	SSF x LoA	-7,76838751	0,101	0,312
CHR1	28582074	CHR1:28582074	SSF x LoA	-10,3867585	0,030	0,313
CHR1	28582118	CHR1:28582118	SSF x LoA	-11,3673454	-0,021	0,314
CHR1	28582143	CHR1:28582143	SSF x LoA	-11,2796684	0,044	0,310
CHR1	28583536	CHR1:28583536	SSF x LoA	-11,4929568	0,054	0,315
CHR1	28589981	CHR1:28589981	SSF x LoA	-10,8026987	0,051	0,306
CHR1	28590325	CHR1:28590325	SSF x LoA	-6,61661204	0,137	0,295
CHR1	28590345	CHR1:28590345	SSF x LoA	-9,24148184	0,059	0,292
CHR1	28590360	CHR1:28590360	SSF x LoA	-8,29599067	-0,025	0,301
CHR1	28590380	CHR1:28590380	SSF x LoA	-10,9940925	0,092	0,298
CHR1	28590383	CHR1:28590383	SSF x LoA	-8,58864046	-0,054	0,311
CHR1	28595452	CHR1:28595452	SSF x LoA	-0,01546997	-0,024	0,303
CHR1	28595454	CHR1:28595454	SSF x LoA	-9,44333756	-0,113	0,301
CHR1	2859847	CHR1:2859847	SSF x LoA	-6,45313657	-0,064	0,319
CHR1	2859884	CHR1:2859884	SSF x LoA	-6,86746666	0,130	0,294
CHR1	2859938	CHR1:2859938	SSF x LoA	-8,59838999	-0,040	0,312
CHR1	2859951	CHR1:2859951	SSF x LoA	-10,9404097	0,035	0,305
CHR1	28600359	CHR1:28600359	SSF x LoA	-8,95818082	-0,015	0,306
CHR1	28610704	CHR1:28610704	SSF x LoA	-9,25528013	-0,049	0,309
CHR1	28612783	CHR1:28612783	SSF x LoA	-7,88395379	0,038	0,289
CHR1	28612848	CHR1:28612848	SSF x LoA	-10,4443244	0,118	0,298
CHR1	28626995	CHR1:28626995	SSF x LoA	-8,64059731	-0,074	0,301
CHR1	28627019	CHR1:28627019	SSF x LoA	-9,40484959	0,035	0,315
CHR1	28638344	CHR1:28638344	SSF x LoA	-11,5534067	0,071	0,304

CHR1	28638516	CHR1:28638516	SSF x LoA	-10,45273	0,039	0,307
CHR1	28638535	CHR1:28638535	SSF x LoA	-9,53903637	0,002	0,315
CHR1	28638559	CHR1:28638559	SSF x LoA	-9,78031193	-0,069	0,305
CHR1	28638569	CHR1:28638569	SSF x LoA	-8,47245639	-0,036	0,321
CHR1	28648113	CHR1:28648113	SSF x LoA	-10,3773079	0,015	0,301
CHR1	28648203	CHR1:28648203	SSF x LoA	-8,10129261	0,073	0,303
CHR1	28648220	CHR1:28648220	SSF x LoA	-7,67503034	0,148	0,297
CHR1	28693483	CHR1:28693483	SSF x LoA	-7,46961016	0,114	0,311
CHR1	28694612	CHR1:28694612	SSF x LoA	-9,17725806	-0,110	0,299
CHR1	28694744	CHR1:28694744	SSF x LoA	-10,3955223	-0,020	0,311
CHR1	28699802	CHR1:28699802	SSF x LoA	-9,19867374	-0,081	0,302
CHR1	28699809	CHR1:28699809	SSF x LoA	-9,53015606	0,132	0,308
CHR1	28699820	CHR1:28699820	SSF x LoA	-4,71484072	0,061	0,301
CHR1	28699880	CHR1:28699880	SSF x LoA	-9,39066956	-0,056	0,299
CHR1	28700085	CHR1:28700085	SSF x LoA	-8,98179306	0,002	0,298
CHR1	28700089	CHR1:28700089	SSF x LoA	-10,9695166	-0,003	0,301
CHR1	2870083	CHR1:2870083	SSF x LoA	-8,89645318	0,059	0,304
CHR1	2870098	CHR1:2870098	SSF x LoA	-7,91395103	0,129	0,303
CHR1	2870200	CHR1:2870200	SSF x LoA	-9,76072892	0,006	0,324
CHR1	2870205	CHR1:2870205	SSF x LoA	-4,61048081	-0,131	0,286
CHR1	28706299	CHR1:28706299	SSF x LoA	-7,97172026	0,045	0,299
CHR1	28706318	CHR1:28706318	SSF x LoA	-9,39253159	-0,021	0,300
CHR1	28706327	CHR1:28706327	SSF x LoA	-8,50631962	-0,067	0,307
CHR1	28706389	CHR1:28706389	SSF x LoA	-7,59619533	0,094	0,302
CHR1	28709159	CHR1:28709159	SSF x LoA	-9,71558971	-0,025	0,308
CHR1	28709171	CHR1:28709171	SSF x LoA	-9,00015985	0,017	0,316
CHR1	28712316	CHR1:28712316	SSF x LoA	-6,52567772	-0,010	0,305
CHR1	28712451	CHR1:28712451	SSF x LoA	-8,25794973	-0,132	0,294
CHR1	28712479	CHR1:28712479	SSF x LoA	-8,46519879	0,069	0,303
CHR1	28712553	CHR1:28712553	SSF x LoA	-7,84417475	-0,113	0,307
CHR1	28712565	CHR1:28712565	SSF x LoA	-10,950832	-0,030	0,295
CHR1	28715018	CHR1:28715018	SSF x LoA	-10,8049765	0,049	0,308
CHR1	2872913	CHR1:2872913	SSF x LoA	-10,6611251	0,071	0,292
CHR1	2872923	CHR1:2872923	SSF x LoA	-9,68954186	0,033	0,305
CHR1	2872985	CHR1:2872985	SSF x LoA	-9,17501757	-0,070	0,296
CHR1	2873008	CHR1:2873008	SSF x LoA	-8,80304622	-0,054	0,308
CHR1	2873024	CHR1:2873024	SSF x LoA	-5,96119336	-0,173	0,307
CHR1	2873053	CHR1:2873053	SSF x LoA	-6,71981133	-0,056	0,309
CHR1	2873071	CHR1:2873071	SSF x LoA	-9,50245154	0,123	0,307
CHR1	28752016	CHR1:28752016	SSF x LoA	-12,1476871	-0,042	0,292
CHR1	28752030	CHR1:28752030	SSF x LoA	-9,32232516	0,166	0,295
CHR1	28796502	CHR1:28796502	SSF x LoA	-7,64838396	-0,057	0,317
CHR1	28801565	CHR1:28801565	SSF x LoA	-8,51679812	0,042	0,314
CHR1	28801582	CHR1:28801582	SSF x LoA	-8,53392234	-0,034	0,326
CHR1	28801659	CHR1:28801659	SSF x LoA	-9,02534189	0,074	0,311
CHR1	28806142	CHR1:28806142	SSF x LoA	-9,16705533	0,134	0,295
CHR1	28806717	CHR1:28806717	SSF x LoA	-8,67971788	-0,042	0,320
CHR1	28822958	CHR1:28822958	SSF x LoA	-10,0448263	-0,080	0,301
CHR1	28823010	CHR1:28823010	SSF x LoA	-9,08283834	-0,033	0,308
CHR1	2882989	CHR1:2882989	SSF x LoA	-8,27083436	0,036	0,309
CHR1	28849691	CHR1:28849691	SSF x LoA	-6,36035861	0,167	0,307
CHR1	28849759	CHR1:28849759	SSF x LoA	-9,59355008	-0,057	0,321
CHR1	28849768	CHR1:28849768	SSF x LoA	-9,10680328	-0,008	0,314

CHR1	28865421	CHR1:28865421	SSF x LoA	-2,7367747	0,119	0,285
CHR1	28865495	CHR1:28865495	SSF x LoA	-7,7141166	-0,014	0,317
CHR1	28865613	CHR1:28865613	SSF x LoA	-11,2659255	-0,091	0,294
CHR1	28865645	CHR1:28865645	SSF x LoA	-8,79656733	-0,021	0,298
CHR1	28883433	CHR1:28883433	SSF x LoA	-11,274322	-0,054	0,312
CHR1	28883446	CHR1:28883446	SSF x LoA	-9,64407664	-0,033	0,307
CHR1	28883510	CHR1:28883510	SSF x LoA	-9,24422618	-0,120	0,290
CHR1	28883512	CHR1:28883512	SSF x LoA	-8,75198438	0,019	0,311
CHR1	28883515	CHR1:28883515	SSF x LoA	-11,3453167	0,065	0,305
CHR1	28883560	CHR1:28883560	SSF x LoA	-8,78856731	0,014	0,306
CHR1	28883564	CHR1:28883564	SSF x LoA	-8,25146892	0,078	0,306
CHR1	28884580	CHR1:28884580	SSF x LoA	-9,97087612	0,071	0,305
CHR1	28912805	CHR1:28912805	SSF x LoA	-9,5026506	0,004	0,307
CHR1	28912984	CHR1:28912984	SSF x LoA	-7,25056957	-0,014	0,319
CHR1	28912992	CHR1:28912992	SSF x LoA	-8,03771364	-0,050	0,310
CHR1	28916938	CHR1:28916938	SSF x LoA	-3,64242635	0,154	0,297
CHR1	28917117	CHR1:28917117	SSF x LoA	-10,8309158	0,016	0,315
CHR1	28920387	CHR1:28920387	SSF x LoA	-7,80175282	-0,071	0,309
CHR1	28924645	CHR1:28924645	SSF x LoA	-7,01790683	0,139	0,297
CHR1	28928481	CHR1:28928481	SSF x LoA	-4,39092473	-0,171	0,306
CHR1	28929554	CHR1:28929554	SSF x LoA	-10,8912075	-0,082	0,306
CHR1	28929557	CHR1:28929557	SSF x LoA	-8,61525878	-0,076	0,307
CHR1	28929562	CHR1:28929562	SSF x LoA	-5,46242801	0,154	0,307
CHR1	28929606	CHR1:28929606	SSF x LoA	-9,86999939	0,001	0,306
CHR1	28929640	CHR1:28929640	SSF x LoA	-6,49927474	-0,026	0,319
CHR1	28929716	CHR1:28929716	SSF x LoA	-9,96137473	0,112	0,307
CHR1	28950785	CHR1:28950785	SSF x LoA	-9,63269045	0,046	0,301
CHR1	28950828	CHR1:28950828	SSF x LoA	-10,9475586	-0,021	0,305
CHR1	28950836	CHR1:28950836	SSF x LoA	-12,0357338	0,006	0,299
CHR1	28950880	CHR1:28950880	SSF x LoA	-8,67507351	-0,045	0,304
CHR1	28954352	CHR1:28954352	SSF x LoA	-8,76141409	-0,082	0,303
CHR1	28962348	CHR1:28962348	SSF x LoA	-7,55533558	0,174	0,301
CHR1	28962382	CHR1:28962382	SSF x LoA	-9,9662632	0,118	0,297
CHR1	28962384	CHR1:28962384	SSF x LoA	-4,29020704	-0,252	0,295
CHR1	28976075	CHR1:28976075	SSF x LoA	-10,5832512	-0,017	0,306
CHR1	28976143	CHR1:28976143	SSF x LoA	-8,00252207	-0,018	0,325
CHR1	28978079	CHR1:28978079	SSF x LoA	-8,74446106	-0,047	0,304
CHR1	28978239	CHR1:28978239	SSF x LoA	-9,29479168	0,016	0,310
CHR1	28978260	CHR1:28978260	SSF x LoA	-9,98549633	-0,018	0,296
CHR1	28980260	CHR1:28980260	SSF x LoA	-10,1028274	-0,084	0,298
CHR1	28980277	CHR1:28980277	SSF x LoA	-10,5846445	0,088	0,293
CHR1	28981502	CHR1:28981502	SSF x LoA	-9,21854513	-0,101	0,312
CHR1	2898930	CHR1:2898930	SSF x LoA	-9,85897359	0,069	0,306
CHR1	2898938	CHR1:2898938	SSF x LoA	-9,47700718	0,086	0,293
CHR1	28990028	CHR1:28990028	SSF x LoA	-11,1337535	-0,048	0,311
CHR1	28996345	CHR1:28996345	SSF x LoA	-8,97615155	-0,061	0,308
CHR1	28998431	CHR1:28998431	SSF x LoA	-7,06927182	-0,113	0,286
CHR1	29010858	CHR1:29010858	SSF x LoA	-9,25732866	-0,027	0,310
CHR1	29024580	CHR1:29024580	SSF x LoA	-9,67598568	0,021	0,323
CHR1	2902511	CHR1:2902511	SSF x LoA	-9,04724199	-0,058	0,304
CHR1	2902577	CHR1:2902577	SSF x LoA	-10,9773224	-0,007	0,302
CHR1	29091942	CHR1:29091942	SSF x LoA	-11,3618405	-0,071	0,306
CHR1	29105506	CHR1:29105506	SSF x LoA	-4,47269619	-0,034	0,313

CHR1	29105655	CHR1:29105655	SSF x LoA	-11,2496851	-0,070	0,304
CHR1	29105748	CHR1:29105748	SSF x LoA	-8,87271121	-0,008	0,320
CHR1	29105757	CHR1:29105757	SSF x LoA	-9,26254492	-0,050	0,296
CHR1	29113482	CHR1:29113482	SSF x LoA	-7,83291295	-0,004	0,310
CHR1	29113486	CHR1:29113486	SSF x LoA	-11,4949171	0,016	0,301
CHR1	29116606	CHR1:29116606	SSF x LoA	-8,38575879	-0,049	0,321
CHR1	29116634	CHR1:29116634	SSF x LoA	-10,1121281	0,089	0,291
CHR1	29116728	CHR1:29116728	SSF x LoA	-7,24411416	-0,142	0,300
CHR1	29138955	CHR1:29138955	SSF x LoA	-10,7373328	0,003	0,310
CHR1	29139059	CHR1:29139059	SSF x LoA	-11,0532299	-0,125	0,297
CHR1	29139065	CHR1:29139065	SSF x LoA	-8,67614421	0,014	0,302
CHR1	29139400	CHR1:29139400	SSF x LoA	-7,0980769	-0,177	0,295
CHR1	29139405	CHR1:29139405	SSF x LoA	-6,96774164	-0,165	0,299
CHR1	29139407	CHR1:29139407	SSF x LoA	-5,06209959	-0,171	0,309
CHR1	29139427	CHR1:29139427	SSF x LoA	-6,76252937	-0,168	0,301
CHR1	29139486	CHR1:29139486	SSF x LoA	-9,04722626	-0,113	0,302
CHR1	29139498	CHR1:29139498	SSF x LoA	-11,0447828	-0,093	0,304
CHR1	29139506	CHR1:29139506	SSF x LoA	-8,27767777	0,077	0,301
CHR1	29148330	CHR1:29148330	SSF x LoA	-9,33246552	-0,026	0,308
CHR1	29148334	CHR1:29148334	SSF x LoA	-10,1788973	-0,064	0,306
CHR1	29148373	CHR1:29148373	SSF x LoA	-10,5338546	-0,021	0,313
CHR1	29148376	CHR1:29148376	SSF x LoA	-7,3601798	0,091	0,297
CHR1	29152574	CHR1:29152574	SSF x LoA	-10,4994114	-0,061	0,316
CHR1	29152614	CHR1:29152614	SSF x LoA	-11,672509	-0,037	0,308
CHR1	29152705	CHR1:29152705	SSF x LoA	-8,58913703	0,063	0,313
CHR1	29152745	CHR1:29152745	SSF x LoA	-9,89464581	0,023	0,288
CHR1	29155874	CHR1:29155874	SSF x LoA	-12,2399777	0,029	0,308
CHR1	29155917	CHR1:29155917	SSF x LoA	-10,3694874	-0,046	0,311
CHR1	29166243	CHR1:29166243	SSF x LoA	-10,28207	-0,060	0,310
CHR1	29166393	CHR1:29166393	SSF x LoA	-9,64017174	0,042	0,309
CHR1	29171218	CHR1:29171218	SSF x LoA	-10,7154718	0,104	0,307
CHR1	29171237	CHR1:29171237	SSF x LoA	-8,77307637	0,004	0,306
CHR1	29195898	CHR1:29195898	SSF x LoA	-1,05828258	0,208	0,313
CHR1	29195937	CHR1:29195937	SSF x LoA	-7,49623384	0,084	0,297
CHR1	29195978	CHR1:29195978	SSF x LoA	-9,61688075	0,077	0,288
CHR1	29195987	CHR1:29195987	SSF x LoA	-11,503803	-0,095	0,303
CHR1	29197467	CHR1:29197467	SSF x LoA	-8,00017095	-0,027	0,320
CHR1	29197487	CHR1:29197487	SSF x LoA	-10,1069028	0,045	0,307
CHR1	29197489	CHR1:29197489	SSF x LoA	-9,367694	0,019	0,296
CHR1	29197510	CHR1:29197510	SSF x LoA	-1,79913279	-0,087	0,303
CHR1	29197574	CHR1:29197574	SSF x LoA	-10,7980675	-0,063	0,306
CHR1	29204270	CHR1:29204270	SSF x LoA	-10,2905346	-0,105	0,311
CHR1	29204299	CHR1:29204299	SSF x LoA	-9,08302515	-0,008	0,307
CHR1	29204479	CHR1:29204479	SSF x LoA	-9,97598883	-0,018	0,316
CHR1	29215309	CHR1:29215309	SSF x LoA	-8,49377945	0,000	0,302
CHR1	29215335	CHR1:29215335	SSF x LoA	-8,63094791	0,003	0,306
CHR1	29215346	CHR1:29215346	SSF x LoA	-7,98325941	0,065	0,300
CHR1	29215366	CHR1:29215366	SSF x LoA	-8,89359046	0,053	0,302
CHR1	29218871	CHR1:29218871	SSF x LoA	-10,8263789	0,040	0,303
CHR1	29240407	CHR1:29240407	SSF x LoA	-8,82442907	0,019	0,317
CHR1	29254412	CHR1:29254412	SSF x LoA	-5,02795275	-0,224	0,289
CHR1	29254549	CHR1:29254549	SSF x LoA	-3,84595937	-0,148	0,304
CHR1	29273743	CHR1:29273743	SSF x LoA	-8,04139042	0,025	0,326

CHR1	29281382	CHR1:29281382	SSF x LoA	-8,07709858	0,137	0,297
CHR1	29281513	CHR1:29281513	SSF x LoA	-7,93991734	0,120	0,306
CHR1	29295409	CHR1:29295409	SSF x LoA	-10,4826185	0,087	0,304
CHR1	29308375	CHR1:29308375	SSF x LoA	-11,0688488	0,016	0,300
CHR1	29329857	CHR1:29329857	SSF x LoA	-8,61789334	0,075	0,312
CHR1	29329875	CHR1:29329875	SSF x LoA	-8,02887713	-0,032	0,307
CHR1	29329880	CHR1:29329880	SSF x LoA	-8,86739685	0,016	0,321
CHR1	293330	CHR1:293330	SSF x LoA	-4,19026836	-0,172	0,280
CHR1	29375202	CHR1:29375202	SSF x LoA	-10,7918451	-0,028	0,298
CHR1	29375229	CHR1:29375229	SSF x LoA	-8,78091008	-0,091	0,302
CHR1	29384587	CHR1:29384587	SSF x LoA	-11,1508321	0,054	0,305
CHR1	29384604	CHR1:29384604	SSF x LoA	-9,17874368	0,052	0,312
CHR1	29391530	CHR1:29391530	SSF x LoA	-3,90951775	0,232	0,299
CHR1	29391654	CHR1:29391654	SSF x LoA	-7,85674615	0,035	0,305
CHR1	29394136	CHR1:29394136	SSF x LoA	-10,1627966	-0,011	0,306
CHR1	29394251	CHR1:29394251	SSF x LoA	-7,217284	0,104	0,303
CHR1	29394255	CHR1:29394255	SSF x LoA	-7,58921301	0,017	0,320
CHR1	29394262	CHR1:29394262	SSF x LoA	-10,0297455	0,034	0,305
CHR1	29397742	CHR1:29397742	SSF x LoA	-8,1006848	-0,054	0,310
CHR1	29399639	CHR1:29399639	SSF x LoA	-10,9752884	-0,077	0,316
CHR1	29408156	CHR1:29408156	SSF x LoA	-7,46835986	0,021	0,312
CHR1	29408227	CHR1:29408227	SSF x LoA	-8,66438826	0,078	0,305
CHR1	29409900	CHR1:29409900	SSF x LoA	-7,87928251	0,089	0,305
CHR1	29409973	CHR1:29409973	SSF x LoA	-4,22312718	-0,093	0,316
CHR1	29412083	CHR1:29412083	SSF x LoA	-10,2341087	0,029	0,307
CHR1	29412191	CHR1:29412191	SSF x LoA	-9,49267531	0,056	0,296
CHR1	29425482	CHR1:29425482	SSF x LoA	-10,4161012	0,050	0,322
CHR1	29425533	CHR1:29425533	SSF x LoA	-8,34227478	0,046	0,302
CHR1	29425572	CHR1:29425572	SSF x LoA	-10,7294913	0,009	0,313
CHR1	29426347	CHR1:29426347	SSF x LoA	-9,94683372	0,094	0,310
CHR1	29427167	CHR1:29427167	SSF x LoA	-9,01751979	-0,124	0,301
CHR1	29427234	CHR1:29427234	SSF x LoA	-9,32430021	0,148	0,302
CHR1	29427362	CHR1:29427362	SSF x LoA	-9,65687922	0,045	0,304
CHR1	29427369	CHR1:29427369	SSF x LoA	-10,2437873	0,029	0,299
CHR1	29427389	CHR1:29427389	SSF x LoA	-7,84601403	-0,182	0,299
CHR1	29434290	CHR1:29434290	SSF x LoA	-7,7945453	0,054	0,312
CHR1	29437965	CHR1:29437965	SSF x LoA	-8,65496583	-0,037	0,309
CHR1	29438012	CHR1:29438012	SSF x LoA	-7,69205032	0,213	0,278
CHR1	29438014	CHR1:29438014	SSF x LoA	-5,27055035	0,176	0,297
CHR1	29438024	CHR1:29438024	SSF x LoA	-8,41544243	-0,041	0,303
CHR1	29438040	CHR1:29438040	SSF x LoA	-8,63466918	-0,022	0,310
CHR1	29455244	CHR1:29455244	SSF x LoA	-7,48567073	-0,106	0,315
CHR1	29455404	CHR1:29455404	SSF x LoA	-9,77907062	-0,131	0,298
CHR1	29459205	CHR1:29459205	SSF x LoA	-9,96175231	0,128	0,307
CHR1	29463042	CHR1:29463042	SSF x LoA	-11,5932321	0,060	0,297
CHR1	294638	CHR1:294638	SSF x LoA	-7,92487544	-0,144	0,302
CHR1	294693	CHR1:294693	SSF x LoA	-8,63150693	-0,028	0,298
CHR1	29498967	CHR1:29498967	SSF x LoA	-2,13228199	-0,017	0,310
CHR1	29499028	CHR1:29499028	SSF x LoA	-7,5261276	-0,039	0,307
CHR1	3E+07	CHR1:29512911	SSF x LoA	-8,73091469	-0,100	0,318
CHR1	3E+07	CHR1:29512942	SSF x LoA	-10,3541638	-0,002	0,307
CHR1	3E+07	CHR1:29514906	SSF x LoA	-8,41193192	-0,056	0,309
CHR1	3E+07	CHR1:29514944	SSF x LoA	-4,26232475	-0,139	0,301

CHR1	3E+07	CHR1:29514951	SSF x LoA	-10,3476822	-0,001	0,303
CHR1	3E+07	CHR1:29517799	SSF x LoA	-6,67465484	-0,184	0,300
CHR1	3E+07	CHR1:29517868	SSF x LoA	-8,84369919	-0,001	0,319
CHR1	3E+07	CHR1:29517944	SSF x LoA	-7,00871476	0,074	0,314
CHR1	3E+07	CHR1:29523883	SSF x LoA	-10,7296944	-0,049	0,309
CHR1	3E+07	CHR1:29525613	SSF x LoA	-9,3007141	0,063	0,313
CHR1	3E+07	CHR1:29525639	SSF x LoA	-7,4519368	0,131	0,315
CHR1	3E+07	CHR1:29525666	SSF x LoA	-5,82336049	0,252	0,285
CHR1	3E+07	CHR1:29525763	SSF x LoA	-7,18546939	0,147	0,291
CHR1	3E+07	CHR1:29525783	SSF x LoA	-10,0139247	0,056	0,321
CHR1	3E+07	CHR1:29525827	SSF x LoA	-9,74935215	-0,107	0,321
CHR1	295273	CHR1:295273	SSF x LoA	1,1638603	0,036	0,298
CHR1	295280	CHR1:295280	SSF x LoA	-11,2081585	-0,033	0,316
CHR1	3E+07	CHR1:29530828	SSF x LoA	-12,5561135	0,002	0,297
CHR1	295319	CHR1:295319	SSF x LoA	-10,8015789	0,003	0,322
CHR1	3E+07	CHR1:29542105	SSF x LoA	-7,71846318	0,127	0,303
CHR1	3E+07	CHR1:29542129	SSF x LoA	-8,34449092	0,029	0,322
CHR1	3E+07	CHR1:29542151	SSF x LoA	-9,2106109	-0,012	0,316
CHR1	3E+07	CHR1:29542799	SSF x LoA	-9,86992911	-0,063	0,308
CHR1	3E+07	CHR1:29542856	SSF x LoA	-9,95975902	0,069	0,300
CHR1	3E+07	CHR1:29542936	SSF x LoA	-8,81072819	-0,054	0,298
CHR1	3E+07	CHR1:29542999	SSF x LoA	-0,24332325	-0,088	0,298
CHR1	3E+07	CHR1:29543017	SSF x LoA	-8,09140043	-0,035	0,306
CHR1	3E+07	CHR1:29552296	SSF x LoA	-10,0579659	0,109	0,301
CHR1	3E+07	CHR1:29552315	SSF x LoA	-12,2711102	-0,038	0,305
CHR1	3E+07	CHR1:29557625	SSF x LoA	-9,56583732	-0,010	0,306
CHR1	3E+07	CHR1:29565711	SSF x LoA	-11,8768687	0,036	0,295
CHR1	3E+07	CHR1:29565807	SSF x LoA	-8,28267697	-0,074	0,302
CHR1	3E+07	CHR1:29565896	SSF x LoA	-6,90987689	-0,099	0,309
CHR1	3E+07	CHR1:29565902	SSF x LoA	-11,0541901	0,090	0,307
CHR1	3E+07	CHR1:29565909	SSF x LoA	-9,38729571	0,020	0,299
CHR1	3E+07	CHR1:29565937	SSF x LoA	-7,302809	0,042	0,320
CHR1	3E+07	CHR1:29565976	SSF x LoA	-10,5502716	-0,115	0,300
CHR1	3E+07	CHR1:29565981	SSF x LoA	-9,11611214	-0,038	0,323
CHR1	3E+07	CHR1:29566003	SSF x LoA	-2,58433593	-0,008	0,304
CHR1	3E+07	CHR1:29572817	SSF x LoA	-7,67880799	0,073	0,293
CHR1	3E+07	CHR1:29572940	SSF x LoA	-7,69528634	-0,091	0,304
CHR1	3E+07	CHR1:29572965	SSF x LoA	-9,99336191	-0,020	0,314
CHR1	3E+07	CHR1:29572995	SSF x LoA	-11,3998442	-0,105	0,297
CHR1	3E+07	CHR1:29573772	SSF x LoA	-11,3667577	-0,026	0,303
CHR1	3E+07	CHR1:29573791	SSF x LoA	-9,25758681	0,079	0,306
CHR1	3E+07	CHR1:29575553	SSF x LoA	-8,09038921	0,006	0,295
CHR1	3E+07	CHR1:29575586	SSF x LoA	-11,3549709	-0,004	0,306
CHR1	3E+07	CHR1:29578754	SSF x LoA	-11,0533523	-0,075	0,297
CHR1	3E+07	CHR1:29583845	SSF x LoA	-8,17573243	0,056	0,316
CHR1	3E+07	CHR1:29583904	SSF x LoA	-7,46592367	-0,100	0,309
CHR1	3E+07	CHR1:29585724	SSF x LoA	-9,83265451	-0,080	0,299
CHR1	3E+07	CHR1:29585777	SSF x LoA	-9,76604578	0,009	0,301
CHR1	3E+07	CHR1:29591549	SSF x LoA	-9,81398765	0,042	0,301
CHR1	3E+07	CHR1:29591581	SSF x LoA	-7,82318695	-0,005	0,303
CHR1	3E+07	CHR1:29599040	SSF x LoA	-2,30847711	0,144	0,320
CHR1	3E+07	CHR1:29599047	SSF x LoA	-9,72510149	0,053	0,304
CHR1	3E+07	CHR1:29599131	SSF x LoA	-9,26493131	0,041	0,307

CHR1	3E+07	CHR1:29599204	SSF x LoA	-10,9560658	-0,123	0,298
CHR1	3E+07	CHR1:29599287	SSF x LoA	-8,97753385	0,023	0,305
CHR1	3E+07	CHR1:29599288	SSF x LoA	-9,72796673	-0,005	0,293
CHR1	3E+07	CHR1:29610870	SSF x LoA	-7,5532603	-0,036	0,318
CHR1	3E+07	CHR1:29610903	SSF x LoA	-9,32846706	-0,053	0,319
CHR1	3E+07	CHR1:29610949	SSF x LoA	-6,49305714	0,132	0,301
CHR1	3E+07	CHR1:29610968	SSF x LoA	-11,4742694	-0,025	0,304
CHR1	3E+07	CHR1:29610971	SSF x LoA	-10,9539431	0,017	0,304
CHR1	3E+07	CHR1:29611060	SSF x LoA	-8,74607025	0,028	0,304
CHR1	3E+07	CHR1:29621552	SSF x LoA	-10,3707841	0,099	0,305
CHR1	3E+07	CHR1:29622085	SSF x LoA	-10,779823	0,065	0,305
CHR1	3E+07	CHR1:29622137	SSF x LoA	-8,32232029	-0,148	0,310
CHR1	3E+07	CHR1:29623203	SSF x LoA	-9,30094537	0,127	0,292
CHR1	3E+07	CHR1:29623230	SSF x LoA	-11,1926969	-0,020	0,294
CHR1	3E+07	CHR1:29623256	SSF x LoA	-8,74462331	0,067	0,308
CHR1	3E+07	CHR1:29627959	SSF x LoA	-9,99711719	0,033	0,311
CHR1	3E+07	CHR1:29628551	SSF x LoA	-8,67177339	-0,040	0,304
CHR1	3E+07	CHR1:29628562	SSF x LoA	-10,1572914	-0,008	0,317
CHR1	3E+07	CHR1:29628582	SSF x LoA	-10,1728399	-0,084	0,297
CHR1	3E+07	CHR1:29628645	SSF x LoA	-8,68025954	0,038	0,303
CHR1	3E+07	CHR1:29639074	SSF x LoA	-11,2414246	-0,008	0,305
CHR1	3E+07	CHR1:29644503	SSF x LoA	-4,81692962	-0,072	0,311
CHR1	3E+07	CHR1:29644644	SSF x LoA	-7,1589014	-0,108	0,313
CHR1	3E+07	CHR1:29644815	SSF x LoA	-10,0915407	0,016	0,308
CHR1	3E+07	CHR1:29649932	SSF x LoA	-7,28888917	0,160	0,303
CHR1	3E+07	CHR1:29649939	SSF x LoA	-7,58504995	0,161	0,294
CHR1	3E+07	CHR1:29649967	SSF x LoA	-6,32943164	0,111	0,303
CHR1	3E+07	CHR1:29651685	SSF x LoA	-11,0448887	-0,059	0,299
CHR1	3E+07	CHR1:29651730	SSF x LoA	-11,4180789	-0,093	0,297
CHR1	3E+07	CHR1:29652963	SSF x LoA	-10,7957129	-0,096	0,306
CHR1	3E+07	CHR1:29653008	SSF x LoA	-7,94479174	0,174	0,304
CHR1	3E+07	CHR1:29654238	SSF x LoA	-8,77887309	0,043	0,316
CHR1	3E+07	CHR1:29654412	SSF x LoA	-4,38669852	-0,015	0,318
CHR1	3E+07	CHR1:29661469	SSF x LoA	-10,3900133	0,022	0,313
CHR1	3E+07	CHR1:29661481	SSF x LoA	-8,79596944	0,035	0,322
CHR1	3E+07	CHR1:29661535	SSF x LoA	-11,5131164	0,042	0,296
CHR1	3E+07	CHR1:29661537	SSF x LoA	-8,08950261	-0,020	0,309
CHR1	3E+07	CHR1:29661702	SSF x LoA	-11,5687941	-0,082	0,294
CHR1	3E+07	CHR1:29665864	SSF x LoA	-10,3496925	0,060	0,310
CHR1	3E+07	CHR1:29672672	SSF x LoA	-11,0325097	-0,100	0,300
CHR1	3E+07	CHR1:29674512	SSF x LoA	-9,6877053	-0,006	0,303
CHR1	3E+07	CHR1:29674527	SSF x LoA	-11,81783	0,009	0,307
CHR1	3E+07	CHR1:29674656	SSF x LoA	-10,6064495	-0,027	0,332
CHR1	3E+07	CHR1:29674674	SSF x LoA	-10,9577591	-0,013	0,311
CHR1	3E+07	CHR1:29685092	SSF x LoA	-10,6532886	-0,043	0,303
CHR1	3E+07	CHR1:29685094	SSF x LoA	-10,0414823	0,032	0,315
CHR1	3E+07	CHR1:29685096	SSF x LoA	-8,84290648	0,003	0,309
CHR1	3E+07	CHR1:29685099	SSF x LoA	-9,33790856	0,001	0,303
CHR1	3E+07	CHR1:29685101	SSF x LoA	-10,6158098	0,037	0,305
CHR1	3E+07	CHR1:29685200	SSF x LoA	-7,49378142	0,055	0,316
CHR1	2968852	CHR1:2968852	SSF x LoA	-8,73433139	0,138	0,310
CHR1	2968883	CHR1:2968883	SSF x LoA	-9,69227096	0,167	0,311
CHR1	2968919	CHR1:2968919	SSF x LoA	-11,4183548	-0,001	0,304

CHR1	2968987	CHR1:2968987	SSF x LoA	-9,52921615	-0,075	0,318
CHR1	3E+07	CHR1:29693679	SSF x LoA	-9,36424546	-0,049	0,299
CHR1	3E+07	CHR1:29693728	SSF x LoA	-11,7688746	-0,020	0,298
CHR1	3E+07	CHR1:29693746	SSF x LoA	-7,59891153	-0,008	0,303
CHR1	3E+07	CHR1:29696328	SSF x LoA	-9,10797952	-0,008	0,302
CHR1	3E+07	CHR1:29696391	SSF x LoA	-9,49043061	-0,065	0,302
CHR1	3E+07	CHR1:29696518	SSF x LoA	-10,2663623	-0,031	0,316
CHR1	3E+07	CHR1:29700321	SSF x LoA	-8,82192898	-0,025	0,312
CHR1	3E+07	CHR1:29700417	SSF x LoA	-9,85897393	-0,083	0,316
CHR1	3E+07	CHR1:29700418	SSF x LoA	-9,85883433	0,072	0,303
CHR1	3E+07	CHR1:29702216	SSF x LoA	-9,10594157	0,030	0,316
CHR1	3E+07	CHR1:29702264	SSF x LoA	-9,65915869	-0,031	0,315
CHR1	3E+07	CHR1:29702359	SSF x LoA	-9,36997821	0,073	0,316
CHR1	3E+07	CHR1:29702393	SSF x LoA	-10,9753151	0,004	0,304
CHR1	3E+07	CHR1:29708440	SSF x LoA	-9,38534688	-0,122	0,302
CHR1	3E+07	CHR1:29708452	SSF x LoA	-10,0016001	0,054	0,296
CHR1	3E+07	CHR1:29708467	SSF x LoA	-2,16686208	-0,113	0,303
CHR1	3E+07	CHR1:29708497	SSF x LoA	-11,6609215	0,002	0,307
CHR1	3E+07	CHR1:29708512	SSF x LoA	-10,1457774	0,037	0,321
CHR1	3E+07	CHR1:29708531	SSF x LoA	-8,53123852	0,016	0,292
CHR1	3E+07	CHR1:29709855	SSF x LoA	-8,65532793	-0,051	0,298
CHR1	3E+07	CHR1:29709878	SSF x LoA	-10,591186	-0,063	0,307
CHR1	3E+07	CHR1:29709908	SSF x LoA	-11,5433682	0,068	0,304
CHR1	3E+07	CHR1:29717057	SSF x LoA	-7,66841054	0,011	0,316
CHR1	3E+07	CHR1:29717065	SSF x LoA	-7,4265577	-0,002	0,324
CHR1	3E+07	CHR1:29717066	SSF x LoA	-9,78992923	-0,017	0,298
CHR1	3E+07	CHR1:29717078	SSF x LoA	-8,89251841	-0,041	0,324
CHR1	3E+07	CHR1:29717144	SSF x LoA	-8,38264811	-0,147	0,311
CHR1	3E+07	CHR1:29720643	SSF x LoA	-11,0877737	0,048	0,306
CHR1	3E+07	CHR1:29720828	SSF x LoA	-11,3156017	0,006	0,307
CHR1	3E+07	CHR1:29727985	SSF x LoA	-9,24544943	0,077	0,297
CHR1	3E+07	CHR1:29727989	SSF x LoA	-10,0190399	0,113	0,306
CHR1	3E+07	CHR1:29728040	SSF x LoA	-10,3880015	0,095	0,306
CHR1	3E+07	CHR1:29728098	SSF x LoA	-10,7417584	-0,089	0,286
CHR1	3E+07	CHR1:29728103	SSF x LoA	-8,89246459	-0,057	0,318
CHR1	3E+07	CHR1:29735694	SSF x LoA	-11,4357963	-0,011	0,310
CHR1	3E+07	CHR1:29735709	SSF x LoA	-9,37023716	-0,003	0,309
CHR1	3E+07	CHR1:29741251	SSF x LoA	-7,79277458	-0,016	0,315
CHR1	3E+07	CHR1:29741295	SSF x LoA	-10,4289303	-0,059	0,320
CHR1	3E+07	CHR1:29741318	SSF x LoA	-8,5815711	0,058	0,306
CHR1	3E+07	CHR1:29741336	SSF x LoA	-10,0841467	-0,054	0,302
CHR1	3E+07	CHR1:29741500	SSF x LoA	-9,7333887	-0,057	0,303
CHR1	3E+07	CHR1:29747631	SSF x LoA	-9,23470975	0,096	0,301
CHR1	3E+07	CHR1:29752331	SSF x LoA	-7,86306505	0,122	0,302
CHR1	3E+07	CHR1:29752398	SSF x LoA	-6,72309656	-0,070	0,308
CHR1	3E+07	CHR1:29752453	SSF x LoA	-8,95761105	0,138	0,307
CHR1	3E+07	CHR1:29752460	SSF x LoA	-7,73296885	0,116	0,293
CHR1	3E+07	CHR1:29752522	SSF x LoA	-6,33949027	-0,136	0,314
CHR1	3E+07	CHR1:29755244	SSF x LoA	-10,7889287	-0,012	0,308
CHR1	3E+07	CHR1:29755397	SSF x LoA	-10,7557883	-0,088	0,299
CHR1	2975760	CHR1:2975760	SSF x LoA	-9,77195193	0,029	0,294
CHR1	2975878	CHR1:2975878	SSF x LoA	-8,859492	0,122	0,323
CHR1	3E+07	CHR1:29759110	SSF x LoA	-10,2542881	0,028	0,314

CHR1	3E+07	CHR1:29759126	SSF x LoA	-10,9204865	0,017	0,315
CHR1	2975966	CHR1:2975966	SSF x LoA	-9,35271912	0,024	0,297
CHR1	3E+07	CHR1:29765619	SSF x LoA	-8,47074504	0,036	0,307
CHR1	3E+07	CHR1:29765725	SSF x LoA	-8,87330223	0,147	0,315
CHR1	3E+07	CHR1:29765812	SSF x LoA	-10,1544476	0,024	0,301
CHR1	3E+07	CHR1:29769682	SSF x LoA	-11,0849532	-0,037	0,301
CHR1	3E+07	CHR1:29769714	SSF x LoA	-9,33843941	0,096	0,302
CHR1	3E+07	CHR1:29769737	SSF x LoA	-10,7915717	0,007	0,312
CHR1	3E+07	CHR1:29775693	SSF x LoA	-10,4402074	0,007	0,312
CHR1	3E+07	CHR1:29775771	SSF x LoA	-5,75611514	-0,052	0,301
CHR1	3E+07	CHR1:29775855	SSF x LoA	-9,49128279	0,073	0,311
CHR1	3E+07	CHR1:29775886	SSF x LoA	-7,5634337	0,066	0,301
CHR1	3E+07	CHR1:29781858	SSF x LoA	-10,7538478	-0,091	0,296
CHR1	3E+07	CHR1:29782566	SSF x LoA	-11,9300381	0,012	0,307
CHR1	3E+07	CHR1:29791674	SSF x LoA	-9,23581793	0,041	0,302
CHR1	3E+07	CHR1:29791753	SSF x LoA	-3,93548617	0,042	0,294
CHR1	3E+07	CHR1:29791754	SSF x LoA	-7,01590663	-0,090	0,300
CHR1	3E+07	CHR1:29791792	SSF x LoA	-9,75967728	-0,003	0,298
CHR1	3E+07	CHR1:29791861	SSF x LoA	-8,5931828	0,150	0,314
CHR1	3E+07	CHR1:29806730	SSF x LoA	-10,1602162	-0,121	0,281
CHR1	3E+07	CHR1:29806734	SSF x LoA	-8,73965866	0,005	0,301
CHR1	3E+07	CHR1:29816447	SSF x LoA	-8,98846031	-0,177	0,291
CHR1	3E+07	CHR1:29816458	SSF x LoA	-9,13086194	-0,029	0,289
CHR1	3E+07	CHR1:29816460	SSF x LoA	-8,94402262	-0,022	0,287
CHR1	3E+07	CHR1:29816482	SSF x LoA	-7,50552643	-0,121	0,314
CHR1	3E+07	CHR1:29818501	SSF x LoA	-10,0903504	0,040	0,311
CHR1	3E+07	CHR1:29818553	SSF x LoA	-5,96296258	0,136	0,298
CHR1	3E+07	CHR1:29818566	SSF x LoA	-7,72717229	0,108	0,294
CHR1	3E+07	CHR1:29827335	SSF x LoA	-9,240693	0,113	0,301
CHR1	3E+07	CHR1:29827336	SSF x LoA	-10,7523793	0,113	0,287
CHR1	3E+07	CHR1:29827344	SSF x LoA	-7,61911139	0,075	0,297
CHR1	3E+07	CHR1:29827362	SSF x LoA	-7,90234024	-0,002	0,301
CHR1	3E+07	CHR1:29827370	SSF x LoA	-8,65530749	0,029	0,294
CHR1	3E+07	CHR1:29827386	SSF x LoA	-11,2312243	-0,007	0,304
CHR1	3E+07	CHR1:29828803	SSF x LoA	-10,3887703	-0,005	0,298
CHR1	3E+07	CHR1:29828885	SSF x LoA	-5,25096691	0,097	0,293
CHR1	3E+07	CHR1:29828911	SSF x LoA	-7,82857025	0,091	0,310
CHR1	3E+07	CHR1:29842751	SSF x LoA	-9,59703847	-0,003	0,292
CHR1	3E+07	CHR1:29842754	SSF x LoA	-8,51143394	-0,160	0,303
CHR1	3E+07	CHR1:29842781	SSF x LoA	-10,3136182	0,004	0,313
CHR1	3E+07	CHR1:29842784	SSF x LoA	-9,09845412	0,015	0,302
CHR1	3E+07	CHR1:29842912	SSF x LoA	-9,18955035	-0,096	0,301
CHR1	3E+07	CHR1:29842952	SSF x LoA	-10,3147788	-0,065	0,302
CHR1	3E+07	CHR1:29845536	SSF x LoA	-10,1029732	0,049	0,312
CHR1	3E+07	CHR1:29847633	SSF x LoA	-9,66269824	0,100	0,303
CHR1	3E+07	CHR1:29847642	SSF x LoA	-12,072779	-0,070	0,306
CHR1	3E+07	CHR1:29849386	SSF x LoA	4,06696119	-0,075	0,309
CHR1	3E+07	CHR1:29849425	SSF x LoA	-5,94151006	0,063	0,308
CHR1	3E+07	CHR1:29853557	SSF x LoA	-7,32216409	0,079	0,305
CHR1	3E+07	CHR1:29853576	SSF x LoA	-11,8533703	0,010	0,288
CHR1	3E+07	CHR1:29853608	SSF x LoA	-6,67375152	-0,110	0,307
CHR1	3E+07	CHR1:29858064	SSF x LoA	-7,98308639	-0,092	0,318
CHR1	3E+07	CHR1:29858106	SSF x LoA	-9,0761927	-0,055	0,304

CHR1	3E+07	CHR1:29861353	SSF x LoA	-6,26963887	-0,029	0,316
CHR1	3E+07	CHR1:29861354	SSF x LoA	-8,78015872	-0,007	0,306
CHR1	3E+07	CHR1:29861461	SSF x LoA	-6,22191021	-0,053	0,315
CHR1	3E+07	CHR1:29861498	SSF x LoA	-8,55373515	0,009	0,300
CHR1	3E+07	CHR1:29867125	SSF x LoA	-11,0121987	0,005	0,315
CHR1	3E+07	CHR1:29867390	SSF x LoA	-6,6887297	0,193	0,278
CHR1	3E+07	CHR1:29880787	SSF x LoA	-10,0498815	0,167	0,292
CHR1	3E+07	CHR1:29880904	SSF x LoA	-7,26431312	-0,039	0,300
CHR1	3E+07	CHR1:29886007	SSF x LoA	-5,13742986	-0,022	0,310
CHR1	3E+07	CHR1:29897187	SSF x LoA	-8,09032813	-0,048	0,315
CHR1	3E+07	CHR1:29899959	SSF x LoA	-11,8290236	-0,037	0,309
CHR1	3E+07	CHR1:29901133	SSF x LoA	-8,74367042	0,097	0,294
CHR1	3E+07	CHR1:29901184	SSF x LoA	-0,71085929	-0,138	0,305
CHR1	3E+07	CHR1:29901200	SSF x LoA	-5,79865658	0,158	0,290
CHR1	3E+07	CHR1:29901332	SSF x LoA	-8,04555121	-0,066	0,311
CHR1	2990568	CHR1:2990568	SSF x LoA	-8,81503345	-0,163	0,301
CHR1	2990646	CHR1:2990646	SSF x LoA	-11,7555572	-0,039	0,303
CHR1	2990711	CHR1:2990711	SSF x LoA	-7,51687174	0,112	0,297
CHR1	3E+07	CHR1:29907551	SSF x LoA	-9,25683431	0,027	0,306
CHR1	2990777	CHR1:2990777	SSF x LoA	-7,74256009	-0,021	0,308
CHR1	3E+07	CHR1:29907806	SSF x LoA	-10,8848981	0,038	0,292
CHR1	3E+07	CHR1:29918043	SSF x LoA	-8,90340905	0,042	0,309
CHR1	3E+07	CHR1:29918045	SSF x LoA	-8,27683851	-0,019	0,305
CHR1	3E+07	CHR1:29918092	SSF x LoA	-8,86990182	-0,029	0,304
CHR1	3E+07	CHR1:29918203	SSF x LoA	-11,6846453	-0,026	0,297
CHR1	3E+07	CHR1:29946256	SSF x LoA	-8,90090688	-0,132	0,301
CHR1	3E+07	CHR1:29946296	SSF x LoA	-7,7026758	0,080	0,318
CHR1	2998625	CHR1:2998625	SSF x LoA	-10,4611201	0,029	0,306
CHR1	3E+07	CHR1:29987008	SSF x LoA	-10,3076478	0,015	0,310
CHR1	3E+07	CHR1:29991014	SSF x LoA	-7,75534332	-0,018	0,319
CHR1	3E+07	CHR1:29991027	SSF x LoA	-11,1976598	-0,077	0,296
CHR1	3E+07	CHR1:29991190	SSF x LoA	-9,40268392	0,195	0,292
CHR1	3E+07	CHR1:29992289	SSF x LoA	-11,6191338	-0,020	0,309
CHR1	3E+07	CHR1:29992303	SSF x LoA	-9,43978189	0,038	0,300
CHR1	3E+07	CHR1:29993710	SSF x LoA	-9,79394745	0,043	0,301
CHR1	3E+07	CHR1:29993719	SSF x LoA	-10,7455176	-0,014	0,299
CHR1	2999421	CHR1:2999421	SSF x LoA	-10,962454	-0,044	0,319
CHR1	2999433	CHR1:2999433	SSF x LoA	-11,031646	0,006	0,309
CHR1	3E+07	CHR1:30003181	SSF x LoA	-8,89148535	-0,006	0,315
CHR1	3E+07	CHR1:30003297	SSF x LoA	-10,5001091	-0,030	0,301
CHR1	3E+07	CHR1:30003365	SSF x LoA	-12,0744651	-0,063	0,297
CHR1	3E+07	CHR1:30003366	SSF x LoA	-9,09721376	-0,133	0,312
CHR1	3E+07	CHR1:30006798	SSF x LoA	-5,08071197	0,203	0,301
CHR1	3E+07	CHR1:30011461	SSF x LoA	-9,23937798	0,041	0,305
CHR1	3E+07	CHR1:30011464	SSF x LoA	-9,11367014	0,062	0,300
CHR1	3E+07	CHR1:30012018	SSF x LoA	-11,3467974	0,021	0,288
CHR1	3E+07	CHR1:30016328	SSF x LoA	-10,747483	-0,015	0,285
CHR1	3E+07	CHR1:30016341	SSF x LoA	-9,69359874	0,087	0,288
CHR1	3E+07	CHR1:30016419	SSF x LoA	-9,56059918	-0,054	0,306
CHR1	3E+07	CHR1:30016430	SSF x LoA	-8,61529045	0,010	0,318
CHR1	3E+07	CHR1:30016440	SSF x LoA	-9,46597825	0,001	0,312
CHR1	3001916	CHR1:3001916	SSF x LoA	-10,3213118	-0,101	0,306
CHR1	3E+07	CHR1:30030081	SSF x LoA	-9,94248381	0,083	0,306

CHR1	3E+07	CHR1:30030184	SSF x LoA	-7,47128166	0,082	0,303
CHR1	3E+07	CHR1:30030287	SSF x LoA	-9,67523374	0,008	0,307
CHR1	3E+07	CHR1:30030327	SSF x LoA	-10,8345658	-0,049	0,310
CHR1	3E+07	CHR1:30038502	SSF x LoA	-4,94323183	0,125	0,296
CHR1	3E+07	CHR1:30038604	SSF x LoA	-12,2221288	-0,009	0,302
CHR1	3E+07	CHR1:30041284	SSF x LoA	-8,92773364	0,104	0,307
CHR1	3E+07	CHR1:30043227	SSF x LoA	-4,92638327	-0,185	0,302
CHR1	3E+07	CHR1:30043253	SSF x LoA	-9,18365368	0,044	0,302
CHR1	3E+07	CHR1:30043281	SSF x LoA	-10,7795709	-0,031	0,287
CHR1	3E+07	CHR1:30043294	SSF x LoA	-10,2788153	0,125	0,291
CHR1	3E+07	CHR1:30060484	SSF x LoA	-9,37005633	-0,032	0,298
CHR1	3E+07	CHR1:30060548	SSF x LoA	-9,18180041	-0,013	0,300
CHR1	3E+07	CHR1:30060627	SSF x LoA	-7,74711485	0,098	0,319
CHR1	3E+07	CHR1:30060676	SSF x LoA	-9,74592189	-0,077	0,308
CHR1	3E+07	CHR1:30063733	SSF x LoA	-10,2647149	0,072	0,296
CHR1	3006435	CHR1:3006435	SSF x LoA	-9,50803357	-0,041	0,294
CHR1	3006562	CHR1:3006562	SSF x LoA	-5,57363881	-0,062	0,310
CHR1	3006636	CHR1:3006636	SSF x LoA	-9,43315794	-0,039	0,303
CHR1	3E+07	CHR1:30066941	SSF x LoA	-9,15157865	0,074	0,305
CHR1	3E+07	CHR1:30069572	SSF x LoA	-8,50526207	0,020	0,317
CHR1	3E+07	CHR1:30069578	SSF x LoA	-10,6174234	0,065	0,300
CHR1	3E+07	CHR1:30076826	SSF x LoA	-10,1189347	0,159	0,301
CHR1	3E+07	CHR1:30076938	SSF x LoA	-9,32913356	-0,093	0,302
CHR1	3E+07	CHR1:30076989	SSF x LoA	-7,09129323	0,161	0,310
CHR1	3E+07	CHR1:30076992	SSF x LoA	-5,4404351	-0,135	0,317
CHR1	3E+07	CHR1:30086100	SSF x LoA	-8,54195752	0,152	0,297
CHR1	3008707	CHR1:3008707	SSF x LoA	-8,7593341	0,011	0,308
CHR1	3008741	CHR1:3008741	SSF x LoA	-8,87677272	0,019	0,311
CHR1	3008789	CHR1:3008789	SSF x LoA	-8,2685496	-0,015	0,299
CHR1	3008799	CHR1:3008799	SSF x LoA	-8,64716926	-0,050	0,308
CHR1	3008888	CHR1:3008888	SSF x LoA	-10,2452195	-0,020	0,298
CHR1	3E+07	CHR1:30091368	SSF x LoA	-9,41885014	0,027	0,301
CHR1	3E+07	CHR1:30099550	SSF x LoA	-9,43146455	-0,022	0,307
CHR1	3E+07	CHR1:30099716	SSF x LoA	-10,407473	0,002	0,315
CHR1	3E+07	CHR1:30099790	SSF x LoA	-11,4032196	0,096	0,314
CHR1	3011462	CHR1:3011462	SSF x LoA	-10,7246562	0,128	0,299
CHR1	3E+07	CHR1:30114762	SSF x LoA	-9,54535916	-0,070	0,312
CHR1	3E+07	CHR1:30114781	SSF x LoA	-9,95120628	-0,025	0,299
CHR1	3E+07	CHR1:30114791	SSF x LoA	-9,95530718	-0,054	0,317
CHR1	3E+07	CHR1:30114793	SSF x LoA	-11,3132181	0,070	0,289
CHR1	3E+07	CHR1:30114817	SSF x LoA	-8,27467252	0,054	0,318
CHR1	3E+07	CHR1:30114827	SSF x LoA	-11,8509758	-0,060	0,301
CHR1	3E+07	CHR1:30114845	SSF x LoA	-9,86175679	0,012	0,307
CHR1	3E+07	CHR1:30114883	SSF x LoA	-10,2205228	-0,076	0,297
CHR1	3E+07	CHR1:30114896	SSF x LoA	-12,0284943	0,071	0,288
CHR1	3E+07	CHR1:30116392	SSF x LoA	-1,72883138	0,162	0,298
CHR1	3E+07	CHR1:30122479	SSF x LoA	-6,86811457	0,030	0,321
CHR1	3E+07	CHR1:30124774	SSF x LoA	-9,3778704	-0,020	0,314
CHR1	3E+07	CHR1:30124775	SSF x LoA	-10,5750009	-0,086	0,310
CHR1	3E+07	CHR1:30132252	SSF x LoA	-8,89824931	0,086	0,287
CHR1	3E+07	CHR1:30132552	SSF x LoA	-10,8712473	0,051	0,303
CHR1	3E+07	CHR1:30132557	SSF x LoA	-2,76898561	-0,150	0,287
CHR1	3E+07	CHR1:30142879	SSF x LoA	-10,6502876	0,108	0,308

CHR1	3E+07	CHR1:30143015	SSF x LoA	-8,54395705	-0,075	0,296
CHR1	3E+07	CHR1:30143017	SSF x LoA	-6,86307905	-0,103	0,305
CHR1	3E+07	CHR1:30143049	SSF x LoA	-11,3491822	0,001	0,299
CHR1	3015172	CHR1:3015172	SSF x LoA	-7,02964933	-0,036	0,316
CHR1	3E+07	CHR1:30152843	SSF x LoA	-10,1691976	0,006	0,311
CHR1	3E+07	CHR1:30152856	SSF x LoA	-11,0158663	0,026	0,310
CHR1	3E+07	CHR1:30153748	SSF x LoA	-10,7571148	0,015	0,306
CHR1	3E+07	CHR1:30153789	SSF x LoA	-11,1744043	-0,057	0,304
CHR1	3E+07	CHR1:30153800	SSF x LoA	-9,30557952	0,073	0,312
CHR1	3E+07	CHR1:30158908	SSF x LoA	-10,4249111	-0,019	0,301
CHR1	3E+07	CHR1:30158936	SSF x LoA	-8,90968563	0,101	0,311
CHR1	3E+07	CHR1:30158953	SSF x LoA	-10,1795706	0,032	0,317
CHR1	3E+07	CHR1:30159042	SSF x LoA	-7,12082682	0,075	0,313
CHR1	3E+07	CHR1:30166016	SSF x LoA	-7,97462054	0,083	0,306
CHR1	3E+07	CHR1:30169220	SSF x LoA	-7,61410186	-0,107	0,313
CHR1	3E+07	CHR1:30169260	SSF x LoA	-10,2527784	0,047	0,317
CHR1	3E+07	CHR1:30169277	SSF x LoA	-8,47117246	-0,072	0,325
CHR1	3E+07	CHR1:30170395	SSF x LoA	-10,6678718	-0,090	0,306
CHR1	3E+07	CHR1:30170480	SSF x LoA	-9,56359389	0,075	0,314
CHR1	3E+07	CHR1:30175758	SSF x LoA	-11,5499983	-0,029	0,313
CHR1	3E+07	CHR1:30177557	SSF x LoA	-9,10865915	-0,049	0,322
CHR1	3E+07	CHR1:30177634	SSF x LoA	-8,53583334	-0,054	0,307
CHR1	3E+07	CHR1:30177637	SSF x LoA	-9,74230855	-0,117	0,294
CHR1	3E+07	CHR1:30177643	SSF x LoA	-10,8639926	-0,035	0,305
CHR1	3E+07	CHR1:30185243	SSF x LoA	-8,74653416	-0,171	0,295
CHR1	3019094	CHR1:3019094	SSF x LoA	-8,07863432	-0,002	0,310
CHR1	3019219	CHR1:3019219	SSF x LoA	-7,70099475	-0,120	0,303
CHR1	3E+07	CHR1:30199933	SSF x LoA	-8,77923244	-0,002	0,311
CHR1	3E+07	CHR1:30214217	SSF x LoA	-10,0594422	0,000	0,314
CHR1	3E+07	CHR1:30214300	SSF x LoA	-10,9601471	-0,042	0,309
CHR1	3E+07	CHR1:30214322	SSF x LoA	-9,32357299	-0,064	0,288
CHR1	3E+07	CHR1:30218950	SSF x LoA	-9,47029958	0,045	0,297
CHR1	3E+07	CHR1:30218956	SSF x LoA	-9,26799079	0,044	0,309
CHR1	3E+07	CHR1:30219013	SSF x LoA	-11,7612662	0,015	0,313
CHR1	3E+07	CHR1:30219945	SSF x LoA	-11,7257629	-0,010	0,293
CHR1	3E+07	CHR1:30219983	SSF x LoA	-9,15513477	-0,174	0,294
CHR1	3E+07	CHR1:30220020	SSF x LoA	-10,3744657	0,002	0,307
CHR1	3E+07	CHR1:30220048	SSF x LoA	-8,38718772	0,116	0,301
CHR1	3E+07	CHR1:30224056	SSF x LoA	-11,2650589	0,038	0,300
CHR1	3E+07	CHR1:30224068	SSF x LoA	-11,1765117	-0,067	0,310
CHR1	3E+07	CHR1:30233842	SSF x LoA	-10,7843109	-0,072	0,303
CHR1	3E+07	CHR1:30250618	SSF x LoA	-10,295349	-0,013	0,301
CHR1	3E+07	CHR1:30250701	SSF x LoA	-10,0702515	-0,076	0,299
CHR1	3E+07	CHR1:30250874	SSF x LoA	-9,13383103	0,042	0,308
CHR1	3E+07	CHR1:30261391	SSF x LoA	-9,72599859	-0,026	0,311
CHR1	3E+07	CHR1:30261470	SSF x LoA	-9,82411303	-0,069	0,301
CHR1	3E+07	CHR1:30261510	SSF x LoA	-7,73008306	0,024	0,307
CHR1	3E+07	CHR1:30261517	SSF x LoA	-8,47171519	-0,121	0,305
CHR1	3E+07	CHR1:30272479	SSF x LoA	-9,61856259	-0,009	0,325
CHR1	3E+07	CHR1:30284475	SSF x LoA	-10,5655193	-0,100	0,303
CHR1	3E+07	CHR1:30284481	SSF x LoA	-7,09987758	-0,103	0,306
CHR1	3E+07	CHR1:30296173	SSF x LoA	-8,50007765	-0,065	0,310
CHR1	3E+07	CHR1:30296177	SSF x LoA	-7,33775387	0,098	0,309

CHR1	3E+07	CHR1:30297390	SSF x LoA	-8,34908964	-0,030	0,304
CHR1	3E+07	CHR1:30300176	SSF x LoA	-7,52087718	0,176	0,296
CHR1	3E+07	CHR1:30300278	SSF x LoA	-7,97445301	-0,055	0,304
CHR1	3E+07	CHR1:30300331	SSF x LoA	-11,1699555	-0,100	0,300
CHR1	3E+07	CHR1:30300367	SSF x LoA	-11,3383283	0,021	0,309
CHR1	3E+07	CHR1:30300372	SSF x LoA	-10,3497006	0,000	0,307
CHR1	3E+07	CHR1:30300395	SSF x LoA	-12,1387055	-0,020	0,307
CHR1	3E+07	CHR1:30317926	SSF x LoA	-10,8777605	0,012	0,299
CHR1	3E+07	CHR1:30317958	SSF x LoA	-3,88426499	-0,066	0,306
CHR1	3E+07	CHR1:30328989	SSF x LoA	-7,35313915	-0,171	0,305
CHR1	3E+07	CHR1:30329136	SSF x LoA	-11,4731914	0,005	0,303
CHR1	3E+07	CHR1:30336471	SSF x LoA	-8,79162316	-0,003	0,299
CHR1	3E+07	CHR1:30336552	SSF x LoA	-8,05319284	-0,120	0,276
CHR1	3E+07	CHR1:30338624	SSF x LoA	-9,53598385	0,037	0,307
CHR1	3E+07	CHR1:30338765	SSF x LoA	-10,2200585	0,045	0,306
CHR1	3034378	CHR1:3034378	SSF x LoA	-9,40325336	0,073	0,312
CHR1	3034379	CHR1:3034379	SSF x LoA	-12,0401278	0,073	0,293
CHR1	3E+07	CHR1:30345756	SSF x LoA	-9,74894914	0,070	0,298
CHR1	3E+07	CHR1:30345784	SSF x LoA	-9,6600316	0,109	0,300
CHR1	3E+07	CHR1:30345808	SSF x LoA	-6,64083522	0,047	0,301
CHR1	3E+07	CHR1:30345829	SSF x LoA	-8,50755042	-0,034	0,299
CHR1	3E+07	CHR1:30353522	SSF x LoA	-9,96884989	0,027	0,309
CHR1	3E+07	CHR1:30353584	SSF x LoA	-10,5091315	-0,025	0,302
CHR1	3E+07	CHR1:30353590	SSF x LoA	-9,20075974	-0,065	0,305
CHR1	3E+07	CHR1:30353612	SSF x LoA	-7,63074192	0,035	0,309
CHR1	3E+07	CHR1:30353615	SSF x LoA	-8,10511971	-0,008	0,306
CHR1	3E+07	CHR1:30356708	SSF x LoA	-11,2650734	0,016	0,320
CHR1	3E+07	CHR1:30376304	SSF x LoA	-10,3336622	0,019	0,304
CHR1	3E+07	CHR1:30376306	SSF x LoA	-8,74828576	0,018	0,314
CHR1	3E+07	CHR1:30376329	SSF x LoA	-11,2528292	-0,102	0,302
CHR1	3E+07	CHR1:30382233	SSF x LoA	-11,650884	0,027	0,307
CHR1	3E+07	CHR1:30382236	SSF x LoA	-11,2356977	0,059	0,317
CHR1	3E+07	CHR1:30382290	SSF x LoA	-2,43853205	-0,057	0,324
CHR1	3E+07	CHR1:30383176	SSF x LoA	-9,11848522	-0,027	0,300
CHR1	3E+07	CHR1:30383274	SSF x LoA	-6,1560186	-0,047	0,297
CHR1	3E+07	CHR1:30391345	SSF x LoA	-9,37128935	-0,005	0,316
CHR1	3E+07	CHR1:30399671	SSF x LoA	-9,15476193	-0,138	0,304
CHR1	3040102	CHR1:3040102	SSF x LoA	-8,52110471	-0,124	0,300
CHR1	3040221	CHR1:3040221	SSF x LoA	-10,8677658	0,068	0,296
CHR1	3E+07	CHR1:30404805	SSF x LoA	-8,85599427	0,069	0,306
CHR1	3E+07	CHR1:30407031	SSF x LoA	-10,2260607	-0,035	0,304
CHR1	3E+07	CHR1:30407114	SSF x LoA	-7,823961	-0,154	0,305
CHR1	3E+07	CHR1:30407163	SSF x LoA	-11,1945284	-0,024	0,316
CHR1	3E+07	CHR1:30407181	SSF x LoA	-9,89336944	0,029	0,309
CHR1	3E+07	CHR1:30407208	SSF x LoA	-10,5472888	0,037	0,313
CHR1	3E+07	CHR1:30409814	SSF x LoA	-9,13345021	0,024	0,324
CHR1	3E+07	CHR1:30410294	SSF x LoA	-9,50088371	-0,086	0,303
CHR1	3E+07	CHR1:30411494	SSF x LoA	-10,5393053	-0,024	0,305
CHR1	3E+07	CHR1:30411807	SSF x LoA	-10,5355103	-0,093	0,301
CHR1	3E+07	CHR1:30411814	SSF x LoA	-8,89939888	0,051	0,305
CHR1	3E+07	CHR1:30411818	SSF x LoA	-8,89861441	-0,063	0,307
CHR1	3E+07	CHR1:30411821	SSF x LoA	-9,1045119	-0,052	0,307
CHR1	3E+07	CHR1:30411873	SSF x LoA	-8,95585389	-0,089	0,308

CHR1	3E+07	CHR1:30416962	SSF x LoA	-11,6304891	0,074	0,304
CHR1	3E+07	CHR1:30417034	SSF x LoA	-8,49269825	0,088	0,307
CHR1	3E+07	CHR1:30418564	SSF x LoA	-10,7001783	-0,096	0,304
CHR1	3E+07	CHR1:30419208	SSF x LoA	-10,3539474	0,030	0,309
CHR1	3E+07	CHR1:30419243	SSF x LoA	-9,03418413	-0,174	0,292
CHR1	3E+07	CHR1:30429116	SSF x LoA	-11,7855155	0,012	0,299
CHR1	3E+07	CHR1:30429119	SSF x LoA	-11,0206848	-0,065	0,304
CHR1	3E+07	CHR1:30429127	SSF x LoA	-8,92429503	0,070	0,294
CHR1	3043399	CHR1:3043399	SSF x LoA	-6,18399483	0,179	0,309
CHR1	3043449	CHR1:3043449	SSF x LoA	-8,94548198	-0,143	0,296
CHR1	3043450	CHR1:3043450	SSF x LoA	-9,96442043	0,030	0,309
CHR1	3043501	CHR1:3043501	SSF x LoA	-11,1573509	-0,053	0,305
CHR1	3043569	CHR1:3043569	SSF x LoA	-9,951126	-0,014	0,315
CHR1	3043570	CHR1:3043570	SSF x LoA	-9,45737942	-0,034	0,317
CHR1	3043601	CHR1:3043601	SSF x LoA	-2,25485372	-0,127	0,310
CHR1	3043606	CHR1:3043606	SSF x LoA	-9,84374639	0,019	0,299
CHR1	3E+07	CHR1:30437095	SSF x LoA	-11,2086933	0,019	0,306
CHR1	3E+07	CHR1:30437122	SSF x LoA	-9,29359892	0,083	0,301
CHR1	3E+07	CHR1:30437168	SSF x LoA	-7,975871	0,090	0,307
CHR1	3E+07	CHR1:30437171	SSF x LoA	-8,79889128	0,091	0,304
CHR1	3E+07	CHR1:30437241	SSF x LoA	-10,6683246	0,015	0,301
CHR1	3E+07	CHR1:30448702	SSF x LoA	1,51799877	-0,130	0,310
CHR1	3E+07	CHR1:30449959	SSF x LoA	-10,5855031	-0,055	0,305
CHR1	3E+07	CHR1:30450029	SSF x LoA	-8,90643546	0,010	0,305
CHR1	3E+07	CHR1:30450030	SSF x LoA	-6,51891553	0,014	0,307
CHR1	3E+07	CHR1:30450080	SSF x LoA	-11,9491868	0,023	0,320
CHR1	3E+07	CHR1:30453007	SSF x LoA	-8,79127521	0,052	0,331
CHR1	3E+07	CHR1:30453042	SSF x LoA	-8,07245245	0,001	0,321
CHR1	3E+07	CHR1:30454736	SSF x LoA	-2,13022244	-0,084	0,314
CHR1	3E+07	CHR1:30454802	SSF x LoA	-6,83614281	-0,023	0,304
CHR1	3E+07	CHR1:30454916	SSF x LoA	-8,46938985	0,042	0,304
CHR1	3045547	CHR1:3045547	SSF x LoA	-10,4205278	0,021	0,298
CHR1	3045618	CHR1:3045618	SSF x LoA	-11,3053157	-0,069	0,305
CHR1	3E+07	CHR1:30457427	SSF x LoA	-10,5561511	-0,018	0,307
CHR1	3E+07	CHR1:30464308	SSF x LoA	-8,90803394	0,026	0,310
CHR1	3E+07	CHR1:30464371	SSF x LoA	4,07062178	-0,053	0,309
CHR1	3E+07	CHR1:30464829	SSF x LoA	-8,4589037	0,021	0,306
CHR1	3E+07	CHR1:30477062	SSF x LoA	-8,72030374	0,152	0,306
CHR1	3E+07	CHR1:30477128	SSF x LoA	-10,5957322	-0,090	0,308
CHR1	3E+07	CHR1:30484767	SSF x LoA	-9,83792012	-0,038	0,305
CHR1	3E+07	CHR1:30484769	SSF x LoA	-9,39837718	-0,065	0,308
CHR1	3E+07	CHR1:30484876	SSF x LoA	-9,90825915	0,033	0,322
CHR1	30519848	CHR1:30519848	SSF x LoA	-10,7915963	0,084	0,305
CHR1	30519943	CHR1:30519943	SSF x LoA	-11,1443829	0,039	0,296
CHR1	30520068	CHR1:30520068	SSF x LoA	-9,12308095	0,054	0,302
CHR1	30520152	CHR1:30520152	SSF x LoA	-9,85446894	-0,038	0,301
CHR1	30523624	CHR1:30523624	SSF x LoA	-9,87924425	-0,120	0,294
CHR1	30523673	CHR1:30523673	SSF x LoA	-9,37029388	-0,008	0,317
CHR1	30530541	CHR1:30530541	SSF x LoA	-10,4099554	-0,023	0,315
CHR1	30530609	CHR1:30530609	SSF x LoA	-10,0428684	-0,041	0,302
CHR1	30530610	CHR1:30530610	SSF x LoA	-6,87234589	-0,155	0,303
CHR1	30530625	CHR1:30530625	SSF x LoA	-8,15500734	-0,097	0,292
CHR1	30530627	CHR1:30530627	SSF x LoA	-9,56892441	0,052	0,305

CHR1	30530645	CHR1:30530645	SSF x LoA	-8,94508189	0,000	0,307
CHR1	30550524	CHR1:30550524	SSF x LoA	-7,0477	-0,018	0,316
CHR1	30550528	CHR1:30550528	SSF x LoA	-9,22107577	0,003	0,311
CHR1	30550606	CHR1:30550606	SSF x LoA	-9,79605786	0,033	0,311
CHR1	30550613	CHR1:30550613	SSF x LoA	-8,06920164	-0,064	0,293
CHR1	30550645	CHR1:30550645	SSF x LoA	-10,8333447	0,000	0,316
CHR1	30561474	CHR1:30561474	SSF x LoA	-11,0149469	-0,176	0,287
CHR1	30561500	CHR1:30561500	SSF x LoA	-10,954974	0,037	0,315
CHR1	30561618	CHR1:30561618	SSF x LoA	-9,7464885	-0,051	0,320
CHR1	30561640	CHR1:30561640	SSF x LoA	-10,1135898	0,055	0,312
CHR1	30561645	CHR1:30561645	SSF x LoA	-5,59238017	0,057	0,314
CHR1	30561684	CHR1:30561684	SSF x LoA	-9,06518609	-0,076	0,309
CHR1	30573017	CHR1:30573017	SSF x LoA	-4,28070653	0,090	0,304
CHR1	30573036	CHR1:30573036	SSF x LoA	-10,6520834	0,062	0,307
CHR1	30573055	CHR1:30573055	SSF x LoA	-10,6055766	0,058	0,312
CHR1	30573265	CHR1:30573265	SSF x LoA	-11,1151805	0,051	0,295
CHR1	30576590	CHR1:30576590	SSF x LoA	-8,78476167	0,054	0,309
CHR1	30576611	CHR1:30576611	SSF x LoA	-8,52316332	0,005	0,308
CHR1	30576786	CHR1:30576786	SSF x LoA	-8,82963666	-0,051	0,310
CHR1	30583299	CHR1:30583299	SSF x LoA	-8,1060857	-0,093	0,306
CHR1	30583353	CHR1:30583353	SSF x LoA	-9,91125063	0,055	0,306
CHR1	30583404	CHR1:30583404	SSF x LoA	-8,35551777	-0,078	0,298
CHR1	30583469	CHR1:30583469	SSF x LoA	-8,44705924	-0,070	0,310
CHR1	30590866	CHR1:30590866	SSF x LoA	-9,63996772	-0,034	0,299
CHR1	30590881	CHR1:30590881	SSF x LoA	-10,3293779	0,074	0,308
CHR1	30591193	CHR1:30591193	SSF x LoA	-9,44895725	-0,127	0,306
CHR1	30593391	CHR1:30593391	SSF x LoA	-6,5913925	0,166	0,310
CHR1	30593419	CHR1:30593419	SSF x LoA	-6,11871098	-0,105	0,309
CHR1	30593448	CHR1:30593448	SSF x LoA	-8,73313676	-0,017	0,305
CHR1	30593459	CHR1:30593459	SSF x LoA	-9,92511783	-0,001	0,312
CHR1	30594892	CHR1:30594892	SSF x LoA	-10,9558635	-0,045	0,308
CHR1	30595090	CHR1:30595090	SSF x LoA	-8,25381013	0,056	0,304
CHR1	30597223	CHR1:30597223	SSF x LoA	-10,0570676	-0,057	0,299
CHR1	30597245	CHR1:30597245	SSF x LoA	-11,6390138	0,017	0,310
CHR1	30597270	CHR1:30597270	SSF x LoA	-10,8172771	0,025	0,309
CHR1	30597272	CHR1:30597272	SSF x LoA	-8,8023737	0,073	0,305
CHR1	30597284	CHR1:30597284	SSF x LoA	-9,11565672	0,068	0,299
CHR1	30597291	CHR1:30597291	SSF x LoA	-5,1169641	-0,004	0,313
CHR1	30597305	CHR1:30597305	SSF x LoA	-7,53416411	-0,095	0,320
CHR1	30597312	CHR1:30597312	SSF x LoA	-10,3889113	0,027	0,304
CHR1	30602531	CHR1:30602531	SSF x LoA	-6,75588194	-0,133	0,299
CHR1	30602592	CHR1:30602592	SSF x LoA	-9,13847514	0,182	0,292
CHR1	30603106	CHR1:30603106	SSF x LoA	-9,69949235	0,074	0,306
CHR1	30604362	CHR1:30604362	SSF x LoA	-9,19001198	0,098	0,305
CHR1	30604374	CHR1:30604374	SSF x LoA	-8,80157492	0,038	0,292
CHR1	30604452	CHR1:30604452	SSF x LoA	-9,33999107	-0,110	0,306
CHR1	30604543	CHR1:30604543	SSF x LoA	-7,4766769	-0,049	0,298
CHR1	30604596	CHR1:30604596	SSF x LoA	-9,21807527	-0,063	0,307
CHR1	30614189	CHR1:30614189	SSF x LoA	-8,18587848	-0,100	0,313
CHR1	3061519	CHR1:3061519	SSF x LoA	-9,00364139	0,174	0,300
CHR1	30623352	CHR1:30623352	SSF x LoA	-10,9429333	-0,009	0,307
CHR1	30623356	CHR1:30623356	SSF x LoA	-10,8861478	0,061	0,311
CHR1	30623455	CHR1:30623455	SSF x LoA	-9,73434117	0,036	0,318

CHR1	30644575	CHR1:30644575	SSF x LoA	-10,5009621	-0,046	0,303
CHR1	30644614	CHR1:30644614	SSF x LoA	-8,87789327	-0,040	0,306
CHR1	30644651	CHR1:30644651	SSF x LoA	-9,74298355	-0,047	0,322
CHR1	30644677	CHR1:30644677	SSF x LoA	-9,62047297	0,013	0,304
CHR1	30644682	CHR1:30644682	SSF x LoA	-9,68951669	0,116	0,305
CHR1	30645364	CHR1:30645364	SSF x LoA	-11,5800632	-0,045	0,294
CHR1	30645366	CHR1:30645366	SSF x LoA	-8,50565987	0,005	0,307
CHR1	30651669	CHR1:30651669	SSF x LoA	-8,94240452	-0,135	0,302
CHR1	30651733	CHR1:30651733	SSF x LoA	-9,44322058	0,009	0,317
CHR1	30651821	CHR1:30651821	SSF x LoA	-9,31413826	0,088	0,308
CHR1	30655048	CHR1:30655048	SSF x LoA	-8,07144143	0,147	0,303
CHR1	30655073	CHR1:30655073	SSF x LoA	-10,1089471	0,046	0,305
CHR1	30655084	CHR1:30655084	SSF x LoA	-4,41160798	0,072	0,300
CHR1	30655176	CHR1:30655176	SSF x LoA	-6,54744012	-0,071	0,306
CHR1	30655230	CHR1:30655230	SSF x LoA	-7,46299194	0,218	0,281
CHR1	3066133	CHR1:3066133	SSF x LoA	-6,00819581	0,109	0,329
CHR1	30664762	CHR1:30664762	SSF x LoA	-5,61124528	-0,146	0,293
CHR1	30664852	CHR1:30664852	SSF x LoA	-9,53436494	-0,022	0,315
CHR1	30670140	CHR1:30670140	SSF x LoA	-10,3968675	0,119	0,300
CHR1	30670189	CHR1:30670189	SSF x LoA	-9,77848472	0,013	0,295
CHR1	30670201	CHR1:30670201	SSF x LoA	-11,1424766	0,008	0,300
CHR1	30673597	CHR1:30673597	SSF x LoA	-10,684281	-0,054	0,302
CHR1	30674887	CHR1:30674887	SSF x LoA	-11,1444565	0,028	0,305
CHR1	30674889	CHR1:30674889	SSF x LoA	-8,46739136	-0,106	0,319
CHR1	30674937	CHR1:30674937	SSF x LoA	-0,19917537	-0,069	0,300
CHR1	30674981	CHR1:30674981	SSF x LoA	-11,6289324	0,039	0,308
CHR1	30677072	CHR1:30677072	SSF x LoA	-9,38201368	0,095	0,302
CHR1	30684171	CHR1:30684171	SSF x LoA	-8,50614757	-0,132	0,305
CHR1	30698032	CHR1:30698032	SSF x LoA	-11,3653532	-0,095	0,308
CHR1	30698119	CHR1:30698119	SSF x LoA	-8,93031859	-0,014	0,299
CHR1	30698147	CHR1:30698147	SSF x LoA	-9,00741155	0,018	0,310
CHR1	30698148	CHR1:30698148	SSF x LoA	-9,6150722	0,015	0,305
CHR1	30698184	CHR1:30698184	SSF x LoA	-8,05486252	-0,089	0,312
CHR1	30699918	CHR1:30699918	SSF x LoA	-8,66587234	0,001	0,301
CHR1	30704037	CHR1:30704037	SSF x LoA	-10,5233617	0,025	0,303
CHR1	30704098	CHR1:30704098	SSF x LoA	-9,62335569	-0,003	0,311
CHR1	30704295	CHR1:30704295	SSF x LoA	-7,35192885	0,162	0,293
CHR1	30704320	CHR1:30704320	SSF x LoA	-7,85143434	-0,041	0,301
CHR1	30704367	CHR1:30704367	SSF x LoA	-9,80939577	-0,099	0,307
CHR1	30710980	CHR1:30710980	SSF x LoA	-7,98704149	-0,144	0,311
CHR1	30712182	CHR1:30712182	SSF x LoA	-11,1809852	0,034	0,310
CHR1	30712206	CHR1:30712206	SSF x LoA	-10,8409343	-0,009	0,312
CHR1	30712313	CHR1:30712313	SSF x LoA	-7,99827486	0,110	0,292
CHR1	30713823	CHR1:30713823	SSF x LoA	-10,0145279	-0,058	0,311
CHR1	30713824	CHR1:30713824	SSF x LoA	-5,78251538	0,182	0,302
CHR1	30713839	CHR1:30713839	SSF x LoA	-6,18395624	0,168	0,312
CHR1	30713874	CHR1:30713874	SSF x LoA	-12,415776	-0,048	0,293
CHR1	30718428	CHR1:30718428	SSF x LoA	-9,44333727	0,033	0,317
CHR1	30718480	CHR1:30718480	SSF x LoA	-6,4298896	0,076	0,303
CHR1	30718562	CHR1:30718562	SSF x LoA	-11,3779038	-0,034	0,303
CHR1	30718665	CHR1:30718665	SSF x LoA	-9,77138206	0,021	0,319
CHR1	30721291	CHR1:30721291	SSF x LoA	-5,04442185	-0,126	0,296
CHR1	30721354	CHR1:30721354	SSF x LoA	-8,55996608	-0,043	0,299

CHR1	30726648	CHR1:30726648	SSF x LoA	-9,0720966	-0,089	0,305
CHR1	30726713	CHR1:30726713	SSF x LoA	-10,537591	0,051	0,315
CHR1	30730150	CHR1:30730150	SSF x LoA	-0,06780733	-0,070	0,313
CHR1	30730153	CHR1:30730153	SSF x LoA	-9,10493753	-0,016	0,298
CHR1	30730233	CHR1:30730233	SSF x LoA	-10,8830184	-0,089	0,302
CHR1	30730294	CHR1:30730294	SSF x LoA	-7,37398353	0,170	0,312
CHR1	30731595	CHR1:30731595	SSF x LoA	-9,64218051	0,044	0,307
CHR1	30731794	CHR1:30731794	SSF x LoA	-9,89181406	0,029	0,315
CHR1	30732990	CHR1:30732990	SSF x LoA	-1,99576613	-0,241	0,295
CHR1	30733005	CHR1:30733005	SSF x LoA	-4,13874941	0,073	0,302
CHR1	30733053	CHR1:30733053	SSF x LoA	-10,8120127	-0,091	0,307
CHR1	30733085	CHR1:30733085	SSF x LoA	-8,79841399	-0,039	0,299
CHR1	30735585	CHR1:30735585	SSF x LoA	-9,01996312	-0,013	0,316
CHR1	30735612	CHR1:30735612	SSF x LoA	-8,26927192	-0,118	0,298
CHR1	30735641	CHR1:30735641	SSF x LoA	-7,42216719	-0,142	0,298
CHR1	30742699	CHR1:30742699	SSF x LoA	-9,87021124	0,092	0,314
CHR1	30742774	CHR1:30742774	SSF x LoA	-11,6322885	0,064	0,297
CHR1	30742794	CHR1:30742794	SSF x LoA	-8,87720564	0,032	0,305
CHR1	30747180	CHR1:30747180	SSF x LoA	-11,2973219	0,011	0,297
CHR1	30749343	CHR1:30749343	SSF x LoA	-8,20406109	-0,182	0,299
CHR1	30749371	CHR1:30749371	SSF x LoA	-9,24762434	0,055	0,296
CHR1	30749419	CHR1:30749419	SSF x LoA	-9,51096093	-0,065	0,297
CHR1	30760995	CHR1:30760995	SSF x LoA	-8,60151811	0,021	0,320
CHR1	30761032	CHR1:30761032	SSF x LoA	-9,53106442	-0,060	0,301
CHR1	30761153	CHR1:30761153	SSF x LoA	-11,5464106	0,041	0,312
CHR1	30765587	CHR1:30765587	SSF x LoA	-7,81811832	0,101	0,296
CHR1	30768203	CHR1:30768203	SSF x LoA	-7,99721769	-0,068	0,322
CHR1	30768251	CHR1:30768251	SSF x LoA	-8,39760742	0,143	0,306
CHR1	30771053	CHR1:30771053	SSF x LoA	-10,6258992	0,012	0,307
CHR1	30771204	CHR1:30771204	SSF x LoA	-6,52910655	0,226	0,269
CHR1	30771268	CHR1:30771268	SSF x LoA	-9,68397304	-0,128	0,316
CHR1	30773198	CHR1:30773198	SSF x LoA	-10,4803665	-0,098	0,307
CHR1	30773251	CHR1:30773251	SSF x LoA	-9,35236042	-0,084	0,315
CHR1	30773286	CHR1:30773286	SSF x LoA	-8,84656749	-0,043	0,306
CHR1	30785490	CHR1:30785490	SSF x LoA	-10,8515767	-0,015	0,300
CHR1	30785510	CHR1:30785510	SSF x LoA	-9,43719526	-0,026	0,312
CHR1	30785521	CHR1:30785521	SSF x LoA	-7,43829061	-0,048	0,303
CHR1	30785526	CHR1:30785526	SSF x LoA	-5,22013577	-0,063	0,316
CHR1	30785527	CHR1:30785527	SSF x LoA	-11,177643	-0,020	0,298
CHR1	30785528	CHR1:30785528	SSF x LoA	-7,65180875	-0,089	0,305
CHR1	30785542	CHR1:30785542	SSF x LoA	-9,71107089	0,024	0,304
CHR1	30785575	CHR1:30785575	SSF x LoA	-9,99762698	-0,098	0,306
CHR1	30785622	CHR1:30785622	SSF x LoA	-6,43564042	-0,057	0,309
CHR1	30785623	CHR1:30785623	SSF x LoA	-11,1722104	-0,040	0,302
CHR1	30785628	CHR1:30785628	SSF x LoA	-10,4332942	0,012	0,308
CHR1	30785687	CHR1:30785687	SSF x LoA	-11,3022489	-0,003	0,302
CHR1	30785699	CHR1:30785699	SSF x LoA	-7,87314139	-0,007	0,309
CHR1	30785709	CHR1:30785709	SSF x LoA	-9,79187659	-0,009	0,310
CHR1	30790599	CHR1:30790599	SSF x LoA	-10,2916862	0,073	0,315
CHR1	30790629	CHR1:30790629	SSF x LoA	1,81010276	0,062	0,313
CHR1	30790662	CHR1:30790662	SSF x LoA	-8,95282727	0,082	0,314
CHR1	30790665	CHR1:30790665	SSF x LoA	-9,28259707	0,058	0,307
CHR1	30790678	CHR1:30790678	SSF x LoA	-10,068038	0,021	0,304

CHR1	30798033	CHR1:30798033	SSF x LoA	-9,27647928	-0,067	0,302
CHR1	30805605	CHR1:30805605	SSF x LoA	-7,99354117	0,065	0,320
CHR1	30805635	CHR1:30805635	SSF x LoA	-10,4392047	-0,063	0,295
CHR1	30805659	CHR1:30805659	SSF x LoA	-10,2164873	0,137	0,308
CHR1	30807552	CHR1:30807552	SSF x LoA	-8,09789258	0,053	0,305
CHR1	30811174	CHR1:30811174	SSF x LoA	-8,80411484	-0,014	0,303
CHR1	30811187	CHR1:30811187	SSF x LoA	-9,33233959	-0,034	0,309
CHR1	30811255	CHR1:30811255	SSF x LoA	-9,27040876	0,135	0,309
CHR1	30811262	CHR1:30811262	SSF x LoA	-10,9456612	0,045	0,307
CHR1	30811274	CHR1:30811274	SSF x LoA	8,39353112	0,217	0,293
CHR1	30811300	CHR1:30811300	SSF x LoA	-9,67746087	0,022	0,302
CHR1	30815510	CHR1:30815510	SSF x LoA	-8,74418342	0,016	0,299
CHR1	30815542	CHR1:30815542	SSF x LoA	-8,95867368	-0,029	0,313
CHR1	30815572	CHR1:30815572	SSF x LoA	-11,8623147	0,001	0,301
CHR1	30815589	CHR1:30815589	SSF x LoA	-10,3695926	-0,036	0,306
CHR1	30815854	CHR1:30815854	SSF x LoA	-10,7095422	-0,006	0,306
CHR1	3081872	CHR1:3081872	SSF x LoA	-4,56123028	-0,174	0,308
CHR1	30825040	CHR1:30825040	SSF x LoA	-9,37331356	0,039	0,309
CHR1	30825047	CHR1:30825047	SSF x LoA	-9,42610905	0,041	0,303
CHR1	30825056	CHR1:30825056	SSF x LoA	-9,2041783	0,017	0,301
CHR1	30825084	CHR1:30825084	SSF x LoA	-9,99024225	-0,060	0,308
CHR1	30825086	CHR1:30825086	SSF x LoA	-10,1081722	-0,025	0,303
CHR1	30825159	CHR1:30825159	SSF x LoA	-7,70682766	0,080	0,301
CHR1	30828363	CHR1:30828363	SSF x LoA	-8,82412236	0,051	0,309
CHR1	30828375	CHR1:30828375	SSF x LoA	-8,69988575	-0,018	0,309
CHR1	30828459	CHR1:30828459	SSF x LoA	-11,2310587	-0,027	0,305
CHR1	30832075	CHR1:30832075	SSF x LoA	-8,57405692	-0,013	0,306
CHR1	30834537	CHR1:30834537	SSF x LoA	-9,32486424	-0,038	0,305
CHR1	30837256	CHR1:30837256	SSF x LoA	-8,62384208	-0,117	0,300
CHR1	30837455	CHR1:30837455	SSF x LoA	-5,50573564	-0,019	0,305
CHR1	30838597	CHR1:30838597	SSF x LoA	-10,596646	-0,018	0,311
CHR1	30838640	CHR1:30838640	SSF x LoA	-9,28555498	0,028	0,310
CHR1	30838641	CHR1:30838641	SSF x LoA	-8,5885253	0,027	0,318
CHR1	30842674	CHR1:30842674	SSF x LoA	-9,94329479	0,009	0,313
CHR1	30865772	CHR1:30865772	SSF x LoA	-8,46136876	0,121	0,306
CHR1	30873923	CHR1:30873923	SSF x LoA	-8,92894528	0,107	0,297
CHR1	30887100	CHR1:30887100	SSF x LoA	-11,4356718	-0,049	0,295
CHR1	30887212	CHR1:30887212	SSF x LoA	-10,0598939	0,052	0,305
CHR1	30887239	CHR1:30887239	SSF x LoA	-7,35453904	-0,097	0,306
CHR1	30891164	CHR1:30891164	SSF x LoA	-8,25772508	0,014	0,315
CHR1	30891183	CHR1:30891183	SSF x LoA	-6,3160532	-0,122	0,311
CHR1	30893852	CHR1:30893852	SSF x LoA	-10,7363806	0,002	0,305
CHR1	30900666	CHR1:30900666	SSF x LoA	-7,10063334	0,107	0,304
CHR1	30902218	CHR1:30902218	SSF x LoA	-8,5540855	-0,147	0,303
CHR1	30902223	CHR1:30902223	SSF x LoA	-10,865769	0,042	0,302
CHR1	3090302	CHR1:3090302	SSF x LoA	-10,4635371	0,015	0,312
CHR1	3090304	CHR1:3090304	SSF x LoA	-7,19030628	0,007	0,319
CHR1	3090370	CHR1:3090370	SSF x LoA	-10,6456815	0,003	0,315
CHR1	30910691	CHR1:30910691	SSF x LoA	-9,10553444	0,133	0,316
CHR1	30910886	CHR1:30910886	SSF x LoA	-6,65831077	-0,129	0,305
CHR1	30915945	CHR1:30915945	SSF x LoA	-9,45283028	-0,069	0,303
CHR1	30916011	CHR1:30916011	SSF x LoA	-7,88604428	-0,031	0,320
CHR1	30916025	CHR1:30916025	SSF x LoA	-8,72540528	0,033	0,317

CHR1	30916112	CHR1:30916112	SSF x LoA	-10,1300211	-0,146	0,299
CHR1	30921305	CHR1:30921305	SSF x LoA	-10,8126281	0,061	0,305
CHR1	30921340	CHR1:30921340	SSF x LoA	-9,24325079	0,121	0,308
CHR1	30924080	CHR1:30924080	SSF x LoA	-8,44497171	0,078	0,313
CHR1	30924130	CHR1:30924130	SSF x LoA	-9,94991218	0,009	0,304
CHR1	30924138	CHR1:30924138	SSF x LoA	-0,10786566	0,115	0,308
CHR1	30924198	CHR1:30924198	SSF x LoA	-8,20992312	-0,012	0,315
CHR1	30924322	CHR1:30924322	SSF x LoA	-8,93829677	-0,075	0,309
CHR1	3093169	CHR1:3093169	SSF x LoA	-8,702078	-0,122	0,304
CHR1	30943331	CHR1:30943331	SSF x LoA	-9,59144579	0,007	0,303
CHR1	30961660	CHR1:30961660	SSF x LoA	-10,3699773	0,101	0,305
CHR1	30961673	CHR1:30961673	SSF x LoA	-11,3474733	0,081	0,306
CHR1	30961694	CHR1:30961694	SSF x LoA	-11,0308524	0,012	0,309
CHR1	30961738	CHR1:30961738	SSF x LoA	-11,1109794	-0,008	0,301
CHR1	30961746	CHR1:30961746	SSF x LoA	-8,94333191	-0,063	0,311
CHR1	30961761	CHR1:30961761	SSF x LoA	-9,123825	0,056	0,302
CHR1	30961788	CHR1:30961788	SSF x LoA	-7,45192221	0,132	0,307
CHR1	30961813	CHR1:30961813	SSF x LoA	-3,20655959	-0,167	0,307
CHR1	30961888	CHR1:30961888	SSF x LoA	-10,9592469	0,072	0,303
CHR1	30967439	CHR1:30967439	SSF x LoA	-9,93862999	-0,057	0,322
CHR1	30967445	CHR1:30967445	SSF x LoA	-6,98859006	-0,142	0,285
CHR1	30967447	CHR1:30967447	SSF x LoA	-11,1827246	-0,038	0,310
CHR1	30968669	CHR1:30968669	SSF x LoA	-10,6601681	-0,047	0,306
CHR1	30968777	CHR1:30968777	SSF x LoA	-11,0203768	-0,041	0,302
CHR1	30968827	CHR1:30968827	SSF x LoA	-10,4651437	-0,060	0,313
CHR1	30968830	CHR1:30968830	SSF x LoA	-7,48625437	-0,103	0,320
CHR1	30968860	CHR1:30968860	SSF x LoA	-7,33946497	-0,038	0,314
CHR1	30968913	CHR1:30968913	SSF x LoA	-10,4595541	-0,045	0,301
CHR1	3100820	CHR1:3100820	SSF x LoA	-9,4309071	0,050	0,314
CHR1	3100857	CHR1:3100857	SSF x LoA	-10,1056615	-0,030	0,299
CHR1	3100881	CHR1:3100881	SSF x LoA	-10,4266011	-0,053	0,289
CHR1	3100901	CHR1:3100901	SSF x LoA	-8,83779592	-0,026	0,302
CHR1	31013861	CHR1:31013861	SSF x LoA	-7,6575535	-0,115	0,309
CHR1	31023520	CHR1:31023520	SSF x LoA	-8,41048112	0,142	0,289
CHR1	31028429	CHR1:31028429	SSF x LoA	-11,8831508	0,058	0,305
CHR1	310360	CHR1:310360	SSF x LoA	-9,96040464	0,013	0,304
CHR1	31036046	CHR1:31036046	SSF x LoA	-6,8815247	-0,072	0,298
CHR1	31036065	CHR1:31036065	SSF x LoA	-9,22090999	0,015	0,313
CHR1	31036108	CHR1:31036108	SSF x LoA	-9,10550306	0,142	0,309
CHR1	31037655	CHR1:31037655	SSF x LoA	-10,8785302	-0,047	0,301
CHR1	31037658	CHR1:31037658	SSF x LoA	-10,7936879	0,022	0,301
CHR1	310397	CHR1:310397	SSF x LoA	-9,42757758	-0,114	0,306
CHR1	31041317	CHR1:31041317	SSF x LoA	-12,0136397	0,066	0,297
CHR1	31041327	CHR1:31041327	SSF x LoA	-9,02135686	0,038	0,309
CHR1	31041361	CHR1:31041361	SSF x LoA	-8,99777726	-0,092	0,296
CHR1	31041490	CHR1:31041490	SSF x LoA	-11,5223948	-0,014	0,304
CHR1	31043031	CHR1:31043031	SSF x LoA	-12,0109902	-0,026	0,306
CHR1	31043068	CHR1:31043068	SSF x LoA	-8,00074706	0,032	0,316
CHR1	31043233	CHR1:31043233	SSF x LoA	-10,5029618	-0,080	0,304
CHR1	31048107	CHR1:31048107	SSF x LoA	-9,16994577	0,007	0,315
CHR1	31049401	CHR1:31049401	SSF x LoA	-5,15411808	-0,103	0,310
CHR1	31065449	CHR1:31065449	SSF x LoA	-11,2634597	-0,020	0,300
CHR1	31065696	CHR1:31065696	SSF x LoA	-9,67704906	-0,031	0,313

CHR1	31065711	CHR1:31065711	SSF x LoA	-4,4963314	0,126	0,310
CHR1	31067244	CHR1:31067244	SSF x LoA	-9,97419165	-0,027	0,310
CHR1	31087829	CHR1:31087829	SSF x LoA	-7,0453818	-0,106	0,307
CHR1	31109905	CHR1:31109905	SSF x LoA	-10,4099574	0,022	0,318
CHR1	3112737	CHR1:3112737	SSF x LoA	-9,00830236	0,099	0,300
CHR1	31140405	CHR1:31140405	SSF x LoA	-7,83759199	0,024	0,318
CHR1	31140459	CHR1:31140459	SSF x LoA	-11,6498135	0,035	0,300
CHR1	3114170	CHR1:3114170	SSF x LoA	-10,3948817	-0,009	0,287
CHR1	31145841	CHR1:31145841	SSF x LoA	-10,3660377	0,016	0,297
CHR1	31146018	CHR1:31146018	SSF x LoA	-11,0001337	0,047	0,308
CHR1	31146023	CHR1:31146023	SSF x LoA	-10,1628801	0,044	0,313
CHR1	31149205	CHR1:31149205	SSF x LoA	-7,46146252	0,106	0,301
CHR1	31154029	CHR1:31154029	SSF x LoA	-11,0782129	0,077	0,308
CHR1	31154052	CHR1:31154052	SSF x LoA	-9,9000704	-0,021	0,316
CHR1	31159499	CHR1:31159499	SSF x LoA	-10,5510975	0,051	0,308
CHR1	31159828	CHR1:31159828	SSF x LoA	-7,920753	0,073	0,304
CHR1	31163305	CHR1:31163305	SSF x LoA	-8,92616228	-0,095	0,310
CHR1	31163365	CHR1:31163365	SSF x LoA	-11,0366385	-0,068	0,304
CHR1	31163450	CHR1:31163450	SSF x LoA	-7,75486784	0,067	0,319
CHR1	31180087	CHR1:31180087	SSF x LoA	-5,12880342	0,215	0,291
CHR1	31180095	CHR1:31180095	SSF x LoA	-11,2905616	-0,055	0,296
CHR1	31180132	CHR1:31180132	SSF x LoA	-4,19184332	0,189	0,287
CHR1	31198254	CHR1:31198254	SSF x LoA	-10,531045	-0,012	0,307
CHR1	31198344	CHR1:31198344	SSF x LoA	-10,4476147	-0,020	0,309
CHR1	31198382	CHR1:31198382	SSF x LoA	-8,12626497	-0,052	0,318
CHR1	31198388	CHR1:31198388	SSF x LoA	-7,68081125	0,127	0,302
CHR1	31198442	CHR1:31198442	SSF x LoA	-9,96126166	-0,008	0,298
CHR1	31198448	CHR1:31198448	SSF x LoA	-9,3357814	0,034	0,292
CHR1	31203839	CHR1:31203839	SSF x LoA	-1,10918625	0,025	0,305
CHR1	31203991	CHR1:31203991	SSF x LoA	-7,35614507	0,147	0,304
CHR1	31205959	CHR1:31205959	SSF x LoA	-11,2389365	0,125	0,289
CHR1	31206106	CHR1:31206106	SSF x LoA	-9,25957511	0,011	0,301
CHR1	31206107	CHR1:31206107	SSF x LoA	-9,95194647	0,053	0,291
CHR1	31206108	CHR1:31206108	SSF x LoA	-9,72324811	0,051	0,309
CHR1	31212043	CHR1:31212043	SSF x LoA	-10,5784965	0,014	0,308
CHR1	31212306	CHR1:31212306	SSF x LoA	-10,4778758	0,071	0,291
CHR1	31218654	CHR1:31218654	SSF x LoA	-5,79337137	-0,002	0,312
CHR1	312419	CHR1:312419	SSF x LoA	-6,15703472	0,023	0,306
CHR1	312426	CHR1:312426	SSF x LoA	-8,43805817	0,074	0,301
CHR1	312488	CHR1:312488	SSF x LoA	-5,58461332	-0,189	0,312
CHR1	312489	CHR1:312489	SSF x LoA	-6,36246087	-0,168	0,303
CHR1	312503	CHR1:312503	SSF x LoA	-2,22815628	-0,157	0,306
CHR1	312505	CHR1:312505	SSF x LoA	-4,30539133	-0,188	0,301
CHR1	31257348	CHR1:31257348	SSF x LoA	-9,03083754	0,087	0,301
CHR1	31257402	CHR1:31257402	SSF x LoA	-10,8346458	-0,116	0,279
CHR1	312663	CHR1:312663	SSF x LoA	4,99201533	-0,076	0,303
CHR1	31268624	CHR1:31268624	SSF x LoA	-9,00054731	-0,049	0,301
CHR1	31283156	CHR1:31283156	SSF x LoA	-6,42503326	0,052	0,324
CHR1	31283163	CHR1:31283163	SSF x LoA	-9,1435776	-0,007	0,308
CHR1	31283175	CHR1:31283175	SSF x LoA	-8,33143405	0,000	0,318
CHR1	31283177	CHR1:31283177	SSF x LoA	-8,04845031	0,030	0,321
CHR1	31295252	CHR1:31295252	SSF x LoA	-10,9749211	-0,047	0,306
CHR1	31295306	CHR1:31295306	SSF x LoA	-8,36161328	-0,010	0,320

CHR1	31295310	CHR1:31295310	SSF x LoA	-8,61008971	-0,043	0,298
CHR1	31295344	CHR1:31295344	SSF x LoA	-8,91417361	0,027	0,301
CHR1	3129833	CHR1:3129833	SSF x LoA	-8,13205874	-0,054	0,313
CHR1	3129986	CHR1:3129986	SSF x LoA	-11,6446509	-0,065	0,309
CHR1	3129990	CHR1:3129990	SSF x LoA	-10,9476231	-0,031	0,307
CHR1	31301571	CHR1:31301571	SSF x LoA	-6,77616695	-0,117	0,288
CHR1	31303170	CHR1:31303170	SSF x LoA	-6,01065012	0,088	0,310
CHR1	31303335	CHR1:31303335	SSF x LoA	-9,71472027	0,081	0,309
CHR1	31303377	CHR1:31303377	SSF x LoA	-5,81515948	-0,036	0,316
CHR1	31303413	CHR1:31303413	SSF x LoA	-11,06965	0,064	0,311
CHR1	31308180	CHR1:31308180	SSF x LoA	-8,0265623	0,006	0,326
CHR1	31308200	CHR1:31308200	SSF x LoA	-6,77254497	-0,128	0,296
CHR1	31308284	CHR1:31308284	SSF x LoA	-8,89488918	0,019	0,291
CHR1	31308894	CHR1:31308894	SSF x LoA	-7,48599383	-0,104	0,305
CHR1	31321001	CHR1:31321001	SSF x LoA	-7,93461518	-0,002	0,312
CHR1	31322484	CHR1:31322484	SSF x LoA	-8,03734326	0,069	0,305
CHR1	31322502	CHR1:31322502	SSF x LoA	-10,986118	-0,075	0,302
CHR1	31329935	CHR1:31329935	SSF x LoA	-8,83857293	0,082	0,327
CHR1	31333213	CHR1:31333213	SSF x LoA	-10,3466298	-0,044	0,300
CHR1	31333327	CHR1:31333327	SSF x LoA	-9,39904754	0,046	0,296
CHR1	3133601	CHR1:3133601	SSF x LoA	-10,4152618	0,019	0,295
CHR1	3134530	CHR1:3134530	SSF x LoA	-8,87100308	-0,061	0,309
CHR1	3134597	CHR1:3134597	SSF x LoA	-10,1554372	0,077	0,311
CHR1	31347154	CHR1:31347154	SSF x LoA	-10,9026272	0,048	0,313
CHR1	31359396	CHR1:31359396	SSF x LoA	-9,23834487	0,000	0,307
CHR1	31359502	CHR1:31359502	SSF x LoA	-9,29721654	0,041	0,309
CHR1	31359549	CHR1:31359549	SSF x LoA	-8,01389226	-0,070	0,310
CHR1	31368693	CHR1:31368693	SSF x LoA	-9,35572145	0,012	0,304
CHR1	31368742	CHR1:31368742	SSF x LoA	-10,1582925	-0,037	0,314
CHR1	31368779	CHR1:31368779	SSF x LoA	-8,70811121	0,006	0,298
CHR1	31368792	CHR1:31368792	SSF x LoA	-8,27705065	0,020	0,297
CHR1	31368894	CHR1:31368894	SSF x LoA	-9,50880143	-0,003	0,304
CHR1	31375718	CHR1:31375718	SSF x LoA	-6,4651071	-0,068	0,312
CHR1	31375732	CHR1:31375732	SSF x LoA	-10,5960706	0,103	0,299
CHR1	31375800	CHR1:31375800	SSF x LoA	-11,0480746	0,069	0,295
CHR1	3138685	CHR1:3138685	SSF x LoA	-11,4365673	-0,010	0,313
CHR1	3138733	CHR1:3138733	SSF x LoA	-11,0632333	0,039	0,305
CHR1	3138746	CHR1:3138746	SSF x LoA	-9,27035284	-0,068	0,304
CHR1	3138784	CHR1:3138784	SSF x LoA	-6,25210291	0,156	0,300
CHR1	3138858	CHR1:3138858	SSF x LoA	-5,50134826	0,014	0,317
CHR1	3138874	CHR1:3138874	SSF x LoA	-9,9051215	0,081	0,324
CHR1	31391095	CHR1:31391095	SSF x LoA	-9,31443474	-0,042	0,296
CHR1	31391190	CHR1:31391190	SSF x LoA	-9,36367307	0,048	0,312
CHR1	31395155	CHR1:31395155	SSF x LoA	-5,23293303	-0,026	0,318
CHR1	31395210	CHR1:31395210	SSF x LoA	-9,43049434	-0,008	0,317
CHR1	31395278	CHR1:31395278	SSF x LoA	-8,72948424	-0,006	0,302
CHR1	31400538	CHR1:31400538	SSF x LoA	-10,2943171	0,010	0,314
CHR1	31400567	CHR1:31400567	SSF x LoA	-7,69541272	-0,053	0,286
CHR1	31404946	CHR1:31404946	SSF x LoA	-8,51380985	-0,022	0,293
CHR1	31407470	CHR1:31407470	SSF x LoA	-5,73306534	0,140	0,313
CHR1	31407482	CHR1:31407482	SSF x LoA	-7,55418895	0,070	0,306
CHR1	31408212	CHR1:31408212	SSF x LoA	-8,5865395	0,186	0,280
CHR1	31408219	CHR1:31408219	SSF x LoA	-7,36554618	-0,022	0,313

CHR1	31408234	CHR1:31408234	SSF x LoA	-7,85234846	-0,003	0,317
CHR1	31408260	CHR1:31408260	SSF x LoA	-8,35996802	-0,066	0,314
CHR1	31411814	CHR1:31411814	SSF x LoA	-7,63469081	-0,076	0,296
CHR1	31412024	CHR1:31412024	SSF x LoA	-7,26355135	-0,080	0,312
CHR1	31416932	CHR1:31416932	SSF x LoA	-8,84112607	-0,103	0,311
CHR1	31419000	CHR1:31419000	SSF x LoA	-3,48300591	0,236	0,291
CHR1	31420075	CHR1:31420075	SSF x LoA	-9,94362332	-0,032	0,313
CHR1	31420130	CHR1:31420130	SSF x LoA	-5,71115352	0,030	0,327
CHR1	31420184	CHR1:31420184	SSF x LoA	-6,39254178	0,052	0,320
CHR1	31422569	CHR1:31422569	SSF x LoA	-7,12045159	0,068	0,293
CHR1	31426236	CHR1:31426236	SSF x LoA	-9,22277266	-0,178	0,286
CHR1	31426374	CHR1:31426374	SSF x LoA	-11,1224938	0,028	0,313
CHR1	31431588	CHR1:31431588	SSF x LoA	-9,24597005	-0,041	0,315
CHR1	31432894	CHR1:31432894	SSF x LoA	-6,68229613	0,023	0,318
CHR1	31433051	CHR1:31433051	SSF x LoA	-7,95562762	-0,129	0,308
CHR1	31433142	CHR1:31433142	SSF x LoA	-5,47192365	-0,173	0,303
CHR1	31434022	CHR1:31434022	SSF x LoA	-9,2960688	-0,010	0,309
CHR1	31434035	CHR1:31434035	SSF x LoA	-9,03333629	-0,119	0,296
CHR1	31445796	CHR1:31445796	SSF x LoA	-9,37167656	0,009	0,312
CHR1	31445812	CHR1:31445812	SSF x LoA	-9,46720164	-0,012	0,311
CHR1	31448993	CHR1:31448993	SSF x LoA	-6,71799288	-0,108	0,302
CHR1	31449057	CHR1:31449057	SSF x LoA	-9,09353013	-0,078	0,305
CHR1	31451317	CHR1:31451317	SSF x LoA	-9,89658841	-0,056	0,319
CHR1	31451381	CHR1:31451381	SSF x LoA	-8,46830501	0,087	0,324
CHR1	31458279	CHR1:31458279	SSF x LoA	-10,8670089	0,013	0,307
CHR1	31458436	CHR1:31458436	SSF x LoA	-6,54957869	-0,007	0,309
CHR1	3146040	CHR1:3146040	SSF x LoA	-9,98419074	0,020	0,310
CHR1	31467654	CHR1:31467654	SSF x LoA	-8,51472481	-0,140	0,294
CHR1	31468866	CHR1:31468866	SSF x LoA	-7,23131421	0,134	0,299
CHR1	31478644	CHR1:31478644	SSF x LoA	1,77613346	0,187	0,294
CHR1	31495715	CHR1:31495715	SSF x LoA	-8,33707317	-0,049	0,297
CHR1	31501826	CHR1:31501826	SSF x LoA	-10,0207798	-0,107	0,302
CHR1	31511264	CHR1:31511264	SSF x LoA	-10,5146455	0,029	0,319
CHR1	31511524	CHR1:31511524	SSF x LoA	-8,08999241	-0,017	0,313
CHR1	31511551	CHR1:31511551	SSF x LoA	-11,1183961	-0,047	0,301
CHR1	31516629	CHR1:31516629	SSF x LoA	-10,5244767	0,023	0,317
CHR1	31516718	CHR1:31516718	SSF x LoA	-9,04649636	-0,047	0,310
CHR1	31516869	CHR1:31516869	SSF x LoA	-8,63704942	0,013	0,295
CHR1	31527420	CHR1:31527420	SSF x LoA	-8,17060024	-0,095	0,290
CHR1	31527424	CHR1:31527424	SSF x LoA	-6,41025524	0,091	0,315
CHR1	31527433	CHR1:31527433	SSF x LoA	-9,88981522	0,029	0,308
CHR1	31527500	CHR1:31527500	SSF x LoA	-6,79401586	-0,017	0,311
CHR1	31539009	CHR1:31539009	SSF x LoA	-9,23839748	-0,051	0,317
CHR1	31539034	CHR1:31539034	SSF x LoA	-8,96203367	0,010	0,303
CHR1	31539060	CHR1:31539060	SSF x LoA	-6,76575973	-0,003	0,320
CHR1	31539076	CHR1:31539076	SSF x LoA	-9,20891866	0,020	0,301
CHR1	31539080	CHR1:31539080	SSF x LoA	-9,50419421	0,033	0,297
CHR1	31539122	CHR1:31539122	SSF x LoA	-9,11656142	0,016	0,307
CHR1	31548521	CHR1:31548521	SSF x LoA	-7,74280694	0,011	0,302
CHR1	31548587	CHR1:31548587	SSF x LoA	-11,0527135	-0,052	0,294
CHR1	31550181	CHR1:31550181	SSF x LoA	-10,557926	-0,087	0,308
CHR1	31550274	CHR1:31550274	SSF x LoA	-9,36272338	-0,091	0,299
CHR1	31554859	CHR1:31554859	SSF x LoA	-9,2681721	0,063	0,311

CHR1	31554885	CHR1:31554885	SSF x LoA	-10,3460606	0,007	0,299
CHR1	31554913	CHR1:31554913	SSF x LoA	-9,06952791	-0,145	0,292
CHR1	31554938	CHR1:31554938	SSF x LoA	-9,05388069	0,084	0,299
CHR1	31569331	CHR1:31569331	SSF x LoA	-10,0370602	0,000	0,304
CHR1	31569436	CHR1:31569436	SSF x LoA	-4,54754444	-0,053	0,322
CHR1	31569501	CHR1:31569501	SSF x LoA	-11,1568605	0,073	0,306
CHR1	31577185	CHR1:31577185	SSF x LoA	-9,18791505	-0,086	0,317
CHR1	31580697	CHR1:31580697	SSF x LoA	-10,5223474	0,041	0,317
CHR1	31580858	CHR1:31580858	SSF x LoA	-10,9392763	0,052	0,312
CHR1	31588720	CHR1:31588720	SSF x LoA	-8,92833489	0,022	0,304
CHR1	31588750	CHR1:31588750	SSF x LoA	-6,39292764	0,015	0,295
CHR1	31591621	CHR1:31591621	SSF x LoA	-9,22665436	-0,198	0,283
CHR1	31591705	CHR1:31591705	SSF x LoA	-4,06272168	-0,146	0,324
CHR1	31591793	CHR1:31591793	SSF x LoA	-7,04484066	0,155	0,302
CHR1	31616741	CHR1:31616741	SSF x LoA	-10,2493595	0,060	0,310
CHR1	31616839	CHR1:31616839	SSF x LoA	-7,24845139	0,062	0,319
CHR1	31616844	CHR1:31616844	SSF x LoA	-8,80927143	0,039	0,311
CHR1	31616966	CHR1:31616966	SSF x LoA	-10,7129274	0,002	0,299
CHR1	31616986	CHR1:31616986	SSF x LoA	-9,8295633	0,105	0,297
CHR1	31624902	CHR1:31624902	SSF x LoA	-7,26686952	0,125	0,303
CHR1	31625113	CHR1:31625113	SSF x LoA	-7,51927824	-0,081	0,313
CHR1	31625119	CHR1:31625119	SSF x LoA	-9,26214997	0,045	0,316
CHR1	31630077	CHR1:31630077	SSF x LoA	-8,38101737	0,158	0,297
CHR1	31630138	CHR1:31630138	SSF x LoA	-6,87278853	0,155	0,300
CHR1	31630210	CHR1:31630210	SSF x LoA	-10,5684858	-0,004	0,312
CHR1	31630236	CHR1:31630236	SSF x LoA	-9,84143109	0,041	0,298
CHR1	31630310	CHR1:31630310	SSF x LoA	-11,7598028	0,009	0,295
CHR1	31630316	CHR1:31630316	SSF x LoA	-11,0055271	-0,004	0,299
CHR1	31636053	CHR1:31636053	SSF x LoA	-11,1714371	0,058	0,306
CHR1	31636091	CHR1:31636091	SSF x LoA	-7,66599844	-0,101	0,301
CHR1	31636302	CHR1:31636302	SSF x LoA	-10,210866	0,092	0,301
CHR1	31647547	CHR1:31647547	SSF x LoA	-6,66441743	0,093	0,294
CHR1	31649672	CHR1:31649672	SSF x LoA	-8,27200756	0,147	0,302
CHR1	31652401	CHR1:31652401	SSF x LoA	-5,85349968	0,191	0,316
CHR1	31655573	CHR1:31655573	SSF x LoA	-8,957599	-0,082	0,302
CHR1	31658764	CHR1:31658764	SSF x LoA	-11,5114526	0,037	0,302
CHR1	31658790	CHR1:31658790	SSF x LoA	-9,77770014	0,018	0,303
CHR1	31665933	CHR1:31665933	SSF x LoA	-7,12945403	0,034	0,310
CHR1	31666857	CHR1:31666857	SSF x LoA	-11,0407299	-0,054	0,307
CHR1	31666888	CHR1:31666888	SSF x LoA	-10,2022761	-0,042	0,313
CHR1	31684981	CHR1:31684981	SSF x LoA	-10,2048379	0,048	0,304
CHR1	31697319	CHR1:31697319	SSF x LoA	-9,39052209	0,062	0,312
CHR1	31697326	CHR1:31697326	SSF x LoA	-9,21600378	-0,141	0,298
CHR1	31697350	CHR1:31697350	SSF x LoA	-11,3185888	0,018	0,308
CHR1	31697371	CHR1:31697371	SSF x LoA	-7,21998239	-0,170	0,304
CHR1	31697439	CHR1:31697439	SSF x LoA	-7,85427839	0,128	0,313
CHR1	31701287	CHR1:31701287	SSF x LoA	-11,1448125	-0,071	0,309
CHR1	31709655	CHR1:31709655	SSF x LoA	-9,91206424	0,039	0,313
CHR1	31718645	CHR1:31718645	SSF x LoA	-3,96981345	0,064	0,305
CHR1	31718665	CHR1:31718665	SSF x LoA	-6,05377425	-0,023	0,312
CHR1	31718682	CHR1:31718682	SSF x LoA	-9,17247369	-0,002	0,301
CHR1	31727716	CHR1:31727716	SSF x LoA	-7,11263063	0,067	0,303
CHR1	31727897	CHR1:31727897	SSF x LoA	-7,45520813	-0,061	0,312

CHR1	31727958	CHR1:31727958	SSF x LoA	-10,5127191	0,060	0,296
CHR1	31741588	CHR1:31741588	SSF x LoA	-8,79765488	0,143	0,299
CHR1	3174470	CHR1:3174470	SSF x LoA	-8,19578093	-0,065	0,306
CHR1	31745564	CHR1:31745564	SSF x LoA	-8,99967619	-0,094	0,293
CHR1	31745630	CHR1:31745630	SSF x LoA	-10,8696006	0,004	0,305
CHR1	3174618	CHR1:3174618	SSF x LoA	-7,55096342	-0,134	0,315
CHR1	31750687	CHR1:31750687	SSF x LoA	-8,8582896	-0,103	0,302
CHR1	31750713	CHR1:31750713	SSF x LoA	-10,7813026	-0,096	0,305
CHR1	31753721	CHR1:31753721	SSF x LoA	-9,45764667	-0,114	0,298
CHR1	31753901	CHR1:31753901	SSF x LoA	-5,97219033	0,144	0,293
CHR1	31759310	CHR1:31759310	SSF x LoA	-8,96941906	0,037	0,308
CHR1	31770223	CHR1:31770223	SSF x LoA	-10,7213026	-0,085	0,306
CHR1	3177834	CHR1:3177834	SSF x LoA	-9,85880921	0,030	0,295
CHR1	3177932	CHR1:3177932	SSF x LoA	-8,69085332	0,151	0,302
CHR1	3177953	CHR1:3177953	SSF x LoA	-11,3793538	-0,120	0,313
CHR1	31780200	CHR1:31780200	SSF x LoA	-7,28345277	0,136	0,293
CHR1	31780247	CHR1:31780247	SSF x LoA	-7,72250652	0,062	0,299
CHR1	31784841	CHR1:31784841	SSF x LoA	-7,7833572	-0,074	0,301
CHR1	31784865	CHR1:31784865	SSF x LoA	-9,30843987	0,046	0,313
CHR1	31785062	CHR1:31785062	SSF x LoA	-9,46110475	0,011	0,313
CHR1	31785071	CHR1:31785071	SSF x LoA	-7,49879073	0,032	0,316
CHR1	31788140	CHR1:31788140	SSF x LoA	-5,20482234	-0,044	0,309
CHR1	31795259	CHR1:31795259	SSF x LoA	-6,5459656	0,078	0,299
CHR1	31795340	CHR1:31795340	SSF x LoA	-9,26475776	0,027	0,324
CHR1	31797616	CHR1:31797616	SSF x LoA	-11,3635241	-0,099	0,294
CHR1	31800099	CHR1:31800099	SSF x LoA	-7,95621236	-0,048	0,315
CHR1	31803812	CHR1:31803812	SSF x LoA	-6,96777283	-0,152	0,303
CHR1	31812873	CHR1:31812873	SSF x LoA	-8,86998909	0,086	0,308
CHR1	31817979	CHR1:31817979	SSF x LoA	-11,7979834	0,070	0,314
CHR1	31818054	CHR1:31818054	SSF x LoA	-11,4232385	0,028	0,309
CHR1	31825911	CHR1:31825911	SSF x LoA	-4,56626352	-0,267	0,293
CHR1	31825920	CHR1:31825920	SSF x LoA	-11,066198	0,002	0,306
CHR1	31825952	CHR1:31825952	SSF x LoA	-7,5933081	-0,172	0,286
CHR1	31825959	CHR1:31825959	SSF x LoA	-2,72818533	-0,185	0,292
CHR1	31826004	CHR1:31826004	SSF x LoA	-5,46030593	-0,243	0,286
CHR1	31826018	CHR1:31826018	SSF x LoA	-5,75202351	-0,246	0,301
CHR1	31830595	CHR1:31830595	SSF x LoA	-8,69927596	-0,029	0,309
CHR1	31830606	CHR1:31830606	SSF x LoA	-9,20835247	-0,045	0,296
CHR1	3183229	CHR1:3183229	SSF x LoA	-4,6166357	-0,030	0,308
CHR1	3183308	CHR1:3183308	SSF x LoA	-7,8780767	-0,002	0,315
CHR1	31836944	CHR1:31836944	SSF x LoA	-8,70878502	0,057	0,291
CHR1	31837018	CHR1:31837018	SSF x LoA	-11,3783519	0,055	0,318
CHR1	31837027	CHR1:31837027	SSF x LoA	-7,98661955	0,010	0,314
CHR1	31837046	CHR1:31837046	SSF x LoA	-11,7131783	0,090	0,312
CHR1	31842902	CHR1:31842902	SSF x LoA	-8,28849098	-0,051	0,310
CHR1	31842919	CHR1:31842919	SSF x LoA	-8,47804874	0,020	0,304
CHR1	31842937	CHR1:31842937	SSF x LoA	-9,21674429	-0,062	0,298
CHR1	31843180	CHR1:31843180	SSF x LoA	-7,88786184	-0,024	0,299
CHR1	31857136	CHR1:31857136	SSF x LoA	-6,44000966	-0,152	0,300
CHR1	3186068	CHR1:3186068	SSF x LoA	-9,86003171	0,042	0,312
CHR1	31860899	CHR1:31860899	SSF x LoA	-8,12788653	0,110	0,305
CHR1	31861081	CHR1:31861081	SSF x LoA	-8,21002685	-0,064	0,305
CHR1	31861130	CHR1:31861130	SSF x LoA	-7,15009506	-0,092	0,295

CHR1	31864833	CHR1:31864833	SSF x LoA	-8,17701891	-0,005	0,314
CHR1	31864999	CHR1:31864999	SSF x LoA	-9,61785915	0,114	0,303
CHR1	31865091	CHR1:31865091	SSF x LoA	-10,5070361	-0,053	0,306
CHR1	31869032	CHR1:31869032	SSF x LoA	-9,32783252	0,045	0,306
CHR1	31869161	CHR1:31869161	SSF x LoA	-11,0490739	-0,034	0,301
CHR1	31876332	CHR1:31876332	SSF x LoA	-10,8176616	0,028	0,311
CHR1	31880382	CHR1:31880382	SSF x LoA	-8,66852873	-0,074	0,302
CHR1	31885424	CHR1:31885424	SSF x LoA	-7,2139651	-0,085	0,314
CHR1	3189765	CHR1:3189765	SSF x LoA	-7,25822553	0,116	0,301
CHR1	31901788	CHR1:31901788	SSF x LoA	-7,11955715	0,031	0,310
CHR1	31907184	CHR1:31907184	SSF x LoA	-9,93437726	0,001	0,301
CHR1	31915007	CHR1:31915007	SSF x LoA	-9,08430587	-0,085	0,290
CHR1	31919131	CHR1:31919131	SSF x LoA	-8,46437485	-0,022	0,321
CHR1	31926079	CHR1:31926079	SSF x LoA	-8,6115923	0,031	0,308
CHR1	31926118	CHR1:31926118	SSF x LoA	-9,68164257	-0,010	0,300
CHR1	31926208	CHR1:31926208	SSF x LoA	-10,7311462	-0,065	0,300
CHR1	31926210	CHR1:31926210	SSF x LoA	-10,2749869	-0,050	0,313
CHR1	31928057	CHR1:31928057	SSF x LoA	-8,27747134	-0,052	0,304
CHR1	31928156	CHR1:31928156	SSF x LoA	-7,50872401	-0,027	0,301
CHR1	31928161	CHR1:31928161	SSF x LoA	-7,00748957	0,091	0,299
CHR1	31928162	CHR1:31928162	SSF x LoA	-7,3027515	-0,074	0,302
CHR1	31965982	CHR1:31965982	SSF x LoA	-7,84563926	0,003	0,315
CHR1	31974722	CHR1:31974722	SSF x LoA	-6,93898617	0,052	0,317
CHR1	31974939	CHR1:31974939	SSF x LoA	-10,1836494	0,060	0,303
CHR1	31980444	CHR1:31980444	SSF x LoA	-6,86443248	-0,046	0,311
CHR1	31996561	CHR1:31996561	SSF x LoA	-11,0666904	0,002	0,312
CHR1	32008379	CHR1:32008379	SSF x LoA	-10,4369116	-0,007	0,302
CHR1	32008419	CHR1:32008419	SSF x LoA	-11,4604497	0,079	0,291
CHR1	32011517	CHR1:32011517	SSF x LoA	-10,0280744	-0,063	0,306
CHR1	32013179	CHR1:32013179	SSF x LoA	-7,51113816	0,063	0,308
CHR1	32017142	CHR1:32017142	SSF x LoA	-8,65563457	0,054	0,311
CHR1	32017170	CHR1:32017170	SSF x LoA	-9,40068993	-0,027	0,298
CHR1	32019139	CHR1:32019139	SSF x LoA	-4,95843966	-0,007	0,304
CHR1	32037951	CHR1:32037951	SSF x LoA	-9,64051198	0,080	0,296
CHR1	32045022	CHR1:32045022	SSF x LoA	-8,48568671	-0,126	0,315
CHR1	32045033	CHR1:32045033	SSF x LoA	-9,57344234	0,026	0,297
CHR1	32045050	CHR1:32045050	SSF x LoA	-8,33121572	0,025	0,317
CHR1	32045204	CHR1:32045204	SSF x LoA	-9,87554856	0,099	0,317
CHR1	32057580	CHR1:32057580	SSF x LoA	-9,41350773	-0,009	0,300
CHR1	32061733	CHR1:32061733	SSF x LoA	-9,23812012	0,080	0,298
CHR1	32073871	CHR1:32073871	SSF x LoA	-7,17213264	-0,055	0,314
CHR1	3207897	CHR1:3207897	SSF x LoA	-9,46246677	-0,088	0,324
CHR1	3208092	CHR1:3208092	SSF x LoA	-9,86244606	0,037	0,310
CHR1	32084057	CHR1:32084057	SSF x LoA	-8,67540129	0,085	0,296
CHR1	32093003	CHR1:32093003	SSF x LoA	-6,81954148	-0,112	0,298
CHR1	32093107	CHR1:32093107	SSF x LoA	-9,37702849	0,090	0,309
CHR1	32093109	CHR1:32093109	SSF x LoA	-8,16697777	-0,104	0,307
CHR1	32112641	CHR1:32112641	SSF x LoA	3,52813942	-0,131	0,296
CHR1	32112687	CHR1:32112687	SSF x LoA	-9,13155505	0,056	0,300
CHR1	32112811	CHR1:32112811	SSF x LoA	-6,20331242	-0,132	0,297
CHR1	32112817	CHR1:32112817	SSF x LoA	-8,72308703	-0,103	0,304
CHR1	32112939	CHR1:32112939	SSF x LoA	-8,35113728	0,064	0,304
CHR1	32125665	CHR1:32125665	SSF x LoA	-11,1135943	-0,044	0,307

CHR1	32127731	CHR1:32127731	SSF x LoA	-8,56594647	0,022	0,319
CHR1	32132767	CHR1:32132767	SSF x LoA	-9,79540114	-0,013	0,305
CHR1	32132792	CHR1:32132792	SSF x LoA	-8,95637602	-0,124	0,305
CHR1	32132808	CHR1:32132808	SSF x LoA	3,08842196	-0,116	0,304
CHR1	32144299	CHR1:32144299	SSF x LoA	-7,68654403	0,028	0,309
CHR1	32144797	CHR1:32144797	SSF x LoA	-8,2679652	-0,138	0,294
CHR1	32144826	CHR1:32144826	SSF x LoA	-7,57852606	-0,151	0,296
CHR1	32150340	CHR1:32150340	SSF x LoA	-11,2113361	0,033	0,300
CHR1	32150368	CHR1:32150368	SSF x LoA	-10,4448198	-0,050	0,298
CHR1	32161717	CHR1:32161717	SSF x LoA	-8,9417925	-0,133	0,293
CHR1	32161824	CHR1:32161824	SSF x LoA	-10,129389	0,036	0,310
CHR1	32161895	CHR1:32161895	SSF x LoA	-11,0004437	0,042	0,313
CHR1	32177311	CHR1:32177311	SSF x LoA	-8,57575881	-0,108	0,291
CHR1	32177419	CHR1:32177419	SSF x LoA	-9,2949696	0,101	0,304
CHR1	32177435	CHR1:32177435	SSF x LoA	-8,8110445	-0,079	0,302
CHR1	32177436	CHR1:32177436	SSF x LoA	-8,03061566	-0,057	0,310
CHR1	32177508	CHR1:32177508	SSF x LoA	-9,4285438	-0,081	0,296
CHR1	32177550	CHR1:32177550	SSF x LoA	-8,73149999	-0,086	0,299
CHR1	3218439	CHR1:3218439	SSF x LoA	-7,9578902	-0,207	0,299
CHR1	3218441	CHR1:3218441	SSF x LoA	-10,3568128	-0,065	0,306
CHR1	3218502	CHR1:3218502	SSF x LoA	-11,3499617	-0,035	0,306
CHR1	3218674	CHR1:3218674	SSF x LoA	-8,69774727	0,054	0,314
CHR1	3218682	CHR1:3218682	SSF x LoA	-8,77240263	0,008	0,307
CHR1	3218701	CHR1:3218701	SSF x LoA	-4,76526882	-0,019	0,319
CHR1	32189580	CHR1:32189580	SSF x LoA	-5,54183361	-0,201	0,284
CHR1	32196957	CHR1:32196957	SSF x LoA	-5,81470667	-0,140	0,302
CHR1	32197017	CHR1:32197017	SSF x LoA	1,87338337	-0,141	0,288
CHR1	32198777	CHR1:32198777	SSF x LoA	-6,19793821	-0,156	0,292
CHR1	32201580	CHR1:32201580	SSF x LoA	-8,89109133	0,032	0,314
CHR1	32209794	CHR1:32209794	SSF x LoA	-7,0076568	0,163	0,305
CHR1	32211939	CHR1:32211939	SSF x LoA	-9,32058729	-0,019	0,311
CHR1	32216028	CHR1:32216028	SSF x LoA	-10,7321052	-0,024	0,296
CHR1	32218720	CHR1:32218720	SSF x LoA	1,10313195	-0,059	0,289
CHR1	32224027	CHR1:32224027	SSF x LoA	-9,69816988	0,049	0,313
CHR1	32228582	CHR1:32228582	SSF x LoA	-8,26096196	0,068	0,292
CHR1	32232351	CHR1:32232351	SSF x LoA	-10,9893872	-0,030	0,314
CHR1	32250012	CHR1:32250012	SSF x LoA	-10,6456726	0,084	0,307
CHR1	32250064	CHR1:32250064	SSF x LoA	-11,1115689	0,074	0,306
CHR1	32274376	CHR1:32274376	SSF x LoA	-1,58478245	-0,155	0,293
CHR1	3236230	CHR1:3236230	SSF x LoA	-10,4040607	0,058	0,300
CHR1	3236373	CHR1:3236373	SSF x LoA	-8,21171361	0,048	0,317
CHR1	3240911	CHR1:3240911	SSF x LoA	-9,07747305	0,172	0,300
CHR1	3240934	CHR1:3240934	SSF x LoA	-9,52058534	0,101	0,310
CHR1	3241060	CHR1:3241060	SSF x LoA	-8,39255579	0,132	0,305
CHR1	3241133	CHR1:3241133	SSF x LoA	-8,76417611	-0,123	0,309
CHR1	3250009	CHR1:3250009	SSF x LoA	-7,95998285	0,109	0,309
CHR1	3250038	CHR1:3250038	SSF x LoA	-10,8601637	0,001	0,309
CHR1	3253504	CHR1:3253504	SSF x LoA	-11,4775471	-0,049	0,309
CHR1	3255444	CHR1:3255444	SSF x LoA	-7,54907912	0,047	0,300
CHR1	3255469	CHR1:3255469	SSF x LoA	-9,42710976	-0,107	0,311
CHR1	3255603	CHR1:3255603	SSF x LoA	-8,85739231	-0,100	0,307
CHR1	3266902	CHR1:3266902	SSF x LoA	-9,57519316	0,071	0,308
CHR1	3271981	CHR1:3271981	SSF x LoA	-8,25291415	0,111	0,300

CHR1	3277393	CHR1:3277393	SSF x LoA	-10,8443023	-0,069	0,306
CHR1	3277420	CHR1:3277420	SSF x LoA	-9,81076359	0,050	0,307
CHR1	3277444	CHR1:3277444	SSF x LoA	-10,6752717	-0,097	0,305
CHR1	3277446	CHR1:3277446	SSF x LoA	-7,33810435	-0,025	0,314
CHR1	3290183	CHR1:3290183	SSF x LoA	-8,7513685	-0,001	0,311
CHR1	3290189	CHR1:3290189	SSF x LoA	-8,92287722	-0,046	0,292
CHR1	3293528	CHR1:3293528	SSF x LoA	-9,3640154	-0,073	0,319
CHR1	3293603	CHR1:3293603	SSF x LoA	-8,26598668	-0,007	0,311
CHR1	3293604	CHR1:3293604	SSF x LoA	-9,03856833	0,013	0,301
CHR1	3293660	CHR1:3293660	SSF x LoA	-8,92719998	-0,055	0,318
CHR1	3293661	CHR1:3293661	SSF x LoA	-8,55550965	-0,019	0,325
CHR1	3295352	CHR1:3295352	SSF x LoA	-9,15799237	-0,056	0,305
CHR1	3295476	CHR1:3295476	SSF x LoA	-10,3241195	-0,067	0,308
CHR1	3295531	CHR1:3295531	SSF x LoA	-4,46453868	-0,042	0,305
CHR1	3296963	CHR1:3296963	SSF x LoA	-9,6395809	-0,048	0,323
CHR1	3312631	CHR1:3312631	SSF x LoA	-9,57794094	-0,033	0,315
CHR1	331655	CHR1:331655	SSF x LoA	-11,3267041	-0,029	0,302
CHR1	331671	CHR1:331671	SSF x LoA	-11,3168007	-0,035	0,314
CHR1	331716	CHR1:331716	SSF x LoA	-8,8677701	-0,114	0,294
CHR1	3335075	CHR1:3335075	SSF x LoA	-9,14770195	-0,045	0,302
CHR1	3335080	CHR1:3335080	SSF x LoA	-8,93587006	0,060	0,295
CHR1	3335151	CHR1:3335151	SSF x LoA	-1,66037785	-0,134	0,302
CHR1	3335152	CHR1:3335152	SSF x LoA	-7,91392149	-0,138	0,313
CHR1	3335269	CHR1:3335269	SSF x LoA	-5,18043032	0,073	0,295
CHR1	3335323	CHR1:3335323	SSF x LoA	-8,85717338	-0,082	0,308
CHR1	3345889	CHR1:3345889	SSF x LoA	-8,15469059	0,159	0,306
CHR1	3345904	CHR1:3345904	SSF x LoA	-9,38760486	-0,001	0,305
CHR1	3345949	CHR1:3345949	SSF x LoA	-5,86584307	-0,127	0,293
CHR1	3352522	CHR1:3352522	SSF x LoA	-8,67089633	0,022	0,312
CHR1	3352545	CHR1:3352545	SSF x LoA	-9,72467977	0,000	0,316
CHR1	3352583	CHR1:3352583	SSF x LoA	-8,89545848	-0,046	0,295
CHR1	3352645	CHR1:3352645	SSF x LoA	-8,49206649	-0,036	0,326
CHR1	3352651	CHR1:3352651	SSF x LoA	-12,580196	-0,072	0,293
CHR1	3360141	CHR1:3360141	SSF x LoA	-9,06128879	0,104	0,304
CHR1	3360153	CHR1:3360153	SSF x LoA	-8,75987648	-0,035	0,306
CHR1	3362768	CHR1:3362768	SSF x LoA	-4,69284562	0,153	0,297
CHR1	3362794	CHR1:3362794	SSF x LoA	-7,89076589	0,149	0,295
CHR1	3362807	CHR1:3362807	SSF x LoA	-8,6821467	0,030	0,300
CHR1	3367720	CHR1:3367720	SSF x LoA	-10,7532959	-0,071	0,307
CHR1	3367802	CHR1:3367802	SSF x LoA	-10,162887	-0,071	0,290
CHR1	3367808	CHR1:3367808	SSF x LoA	-8,66809354	0,022	0,311
CHR1	3367930	CHR1:3367930	SSF x LoA	-9,42271117	-0,130	0,311
CHR1	3367956	CHR1:3367956	SSF x LoA	-8,71849437	0,113	0,306
CHR1	3371282	CHR1:3371282	SSF x LoA	-4,91980108	0,158	0,317
CHR1	3371283	CHR1:3371283	SSF x LoA	-9,76928357	-0,065	0,305
CHR1	3371294	CHR1:3371294	SSF x LoA	-7,4302391	-0,077	0,310
CHR1	3381910	CHR1:3381910	SSF x LoA	-6,75387906	0,147	0,308
CHR1	3381958	CHR1:3381958	SSF x LoA	-9,37000129	0,122	0,301
CHR1	3381987	CHR1:3381987	SSF x LoA	-6,22165723	0,175	0,299
CHR1	3382062	CHR1:3382062	SSF x LoA	-8,10988118	0,060	0,303
CHR1	3382097	CHR1:3382097	SSF x LoA	-8,02967013	0,104	0,316
CHR1	3382117	CHR1:3382117	SSF x LoA	-7,92535467	0,025	0,311
CHR1	3382977	CHR1:3382977	SSF x LoA	-11,1972454	-0,001	0,313

CHR1	3383044	CHR1:3383044	SSF x LoA	-11,2622852	0,000	0,303
CHR1	3389429	CHR1:3389429	SSF x LoA	-9,40638659	-0,007	0,322
CHR1	3389640	CHR1:3389640	SSF x LoA	-11,3021858	0,114	0,296
CHR1	3405280	CHR1:3405280	SSF x LoA	-8,7216442	-0,045	0,309
CHR1	3405288	CHR1:3405288	SSF x LoA	-9,19312815	0,002	0,309
CHR1	3405289	CHR1:3405289	SSF x LoA	-8,29283375	-0,040	0,313
CHR1	3405310	CHR1:3405310	SSF x LoA	-9,01186252	-0,007	0,300
CHR1	3405364	CHR1:3405364	SSF x LoA	-9,96522203	-0,132	0,305
CHR1	3407407	CHR1:3407407	SSF x LoA	-10,0292089	0,116	0,307
CHR1	3407427	CHR1:3407427	SSF x LoA	-4,51891768	-0,119	0,311
CHR1	3407444	CHR1:3407444	SSF x LoA	-8,32794989	0,064	0,287
CHR1	3411455	CHR1:3411455	SSF x LoA	-10,4775942	0,143	0,294
CHR1	3421480	CHR1:3421480	SSF x LoA	-7,45126427	-0,079	0,315
CHR1	3421552	CHR1:3421552	SSF x LoA	-9,27828913	-0,037	0,301
CHR1	3421590	CHR1:3421590	SSF x LoA	-11,1583024	-0,008	0,325
CHR1	3425836	CHR1:3425836	SSF x LoA	-6,30256372	0,136	0,299
CHR1	3425882	CHR1:3425882	SSF x LoA	-11,058052	0,058	0,307
CHR1	3427043	CHR1:3427043	SSF x LoA	-9,40936813	0,061	0,328
CHR1	3427112	CHR1:3427112	SSF x LoA	-9,91797894	0,092	0,306
CHR1	3427204	CHR1:3427204	SSF x LoA	-8,95175805	-0,033	0,313
CHR1	3427207	CHR1:3427207	SSF x LoA	-6,7848815	-0,081	0,323
CHR1	3446722	CHR1:3446722	SSF x LoA	-9,63528407	-0,057	0,307
CHR1	3452930	CHR1:3452930	SSF x LoA	-9,98718006	0,056	0,295
CHR1	3452938	CHR1:3452938	SSF x LoA	-9,28205496	-0,062	0,289
CHR1	3452978	CHR1:3452978	SSF x LoA	-10,3209306	-0,071	0,312
CHR1	3452989	CHR1:3452989	SSF x LoA	-9,36291612	0,037	0,301
CHR1	3453051	CHR1:3453051	SSF x LoA	-10,9193091	0,086	0,296
CHR1	3453052	CHR1:3453052	SSF x LoA	-7,73452527	-0,032	0,308
CHR1	3453066	CHR1:3453066	SSF x LoA	-10,2864949	0,051	0,302
CHR1	3455360	CHR1:3455360	SSF x LoA	-8,27342816	-0,074	0,303
CHR1	3455364	CHR1:3455364	SSF x LoA	-6,2375318	-0,091	0,302
CHR1	3455378	CHR1:3455378	SSF x LoA	-8,26846363	0,048	0,303
CHR1	3455385	CHR1:3455385	SSF x LoA	-11,0917214	0,048	0,306
CHR1	3455394	CHR1:3455394	SSF x LoA	-8,84186641	-0,099	0,300
CHR1	3455395	CHR1:3455395	SSF x LoA	-8,37124528	0,093	0,294
CHR1	3455474	CHR1:3455474	SSF x LoA	-8,65028132	0,054	0,298
CHR1	3455616	CHR1:3455616	SSF x LoA	-8,39748286	-0,051	0,302
CHR1	3455660	CHR1:3455660	SSF x LoA	-6,37914254	0,056	0,299
CHR1	3455668	CHR1:3455668	SSF x LoA	-7,89356937	-0,066	0,314
CHR1	346207	CHR1:346207	SSF x LoA	3,86704396	0,110	0,293
CHR1	346233	CHR1:346233	SSF x LoA	-8,22215492	-0,050	0,302
CHR1	346251	CHR1:346251	SSF x LoA	-10,0340867	-0,136	0,302
CHR1	3472484	CHR1:3472484	SSF x LoA	-7,70233357	-0,049	0,304
CHR1	3472520	CHR1:3472520	SSF x LoA	-8,25776511	0,212	0,288
CHR1	3472526	CHR1:3472526	SSF x LoA	-9,11646857	0,037	0,332
CHR1	3472542	CHR1:3472542	SSF x LoA	-8,74708157	-0,018	0,298
CHR1	3472567	CHR1:3472567	SSF x LoA	-6,9967266	-0,148	0,291
CHR1	3478338	CHR1:3478338	SSF x LoA	-2,61122922	-0,243	0,274
CHR1	3478349	CHR1:3478349	SSF x LoA	-8,3147928	-0,006	0,318
CHR1	3481388	CHR1:3481388	SSF x LoA	-8,20515857	0,032	0,292
CHR1	3481426	CHR1:3481426	SSF x LoA	-10,3854948	-0,065	0,307
CHR1	3481468	CHR1:3481468	SSF x LoA	-10,0283695	-0,079	0,300
CHR1	348179	CHR1:348179	SSF x LoA	-8,38062007	-0,004	0,304

CHR1	348208	CHR1:348208	SSF x LoA	-9,20332737	-0,015	0,310
CHR1	3482702	CHR1:3482702	SSF x LoA	-8,43686511	0,034	0,309
CHR1	348295	CHR1:348295	SSF x LoA	-7,22045273	-0,002	0,324
CHR1	3490632	CHR1:3490632	SSF x LoA	-10,3737446	0,087	0,306
CHR1	3494325	CHR1:3494325	SSF x LoA	-7,57988132	0,097	0,307
CHR1	3494371	CHR1:3494371	SSF x LoA	-8,00121269	-0,087	0,313
CHR1	3494405	CHR1:3494405	SSF x LoA	-8,66518692	0,078	0,299
CHR1	3494423	CHR1:3494423	SSF x LoA	-12,385744	-0,037	0,296
CHR1	3497714	CHR1:3497714	SSF x LoA	-6,12617163	-0,157	0,313
CHR1	3497742	CHR1:3497742	SSF x LoA	-8,97647444	-0,038	0,303
CHR1	3497760	CHR1:3497760	SSF x LoA	-7,96863925	-0,140	0,300
CHR1	3497767	CHR1:3497767	SSF x LoA	-7,8661773	0,076	0,297
CHR1	3497912	CHR1:3497912	SSF x LoA	-5,22560031	0,130	0,297
CHR1	3497913	CHR1:3497913	SSF x LoA	-8,84217357	0,149	0,288
CHR1	3509817	CHR1:3509817	SSF x LoA	-9,1302232	0,027	0,312
CHR1	3514486	CHR1:3514486	SSF x LoA	-9,29600048	-0,070	0,311
CHR1	3514511	CHR1:3514511	SSF x LoA	-9,76106301	-0,065	0,303
CHR1	3514604	CHR1:3514604	SSF x LoA	-8,10271362	-0,024	0,304
CHR1	3514642	CHR1:3514642	SSF x LoA	-9,52154622	0,038	0,300
CHR1	3514719	CHR1:3514719	SSF x LoA	-9,6793252	0,054	0,305
CHR1	3526169	CHR1:3526169	SSF x LoA	-8,79415891	0,055	0,313
CHR1	3526230	CHR1:3526230	SSF x LoA	-10,6951145	-0,018	0,308
CHR1	3529378	CHR1:3529378	SSF x LoA	-10,7251872	-0,103	0,301
CHR1	3532191	CHR1:3532191	SSF x LoA	-9,27655536	-0,027	0,313
CHR1	3532216	CHR1:3532216	SSF x LoA	-5,64446208	-0,133	0,311
CHR1	3532248	CHR1:3532248	SSF x LoA	-5,00162025	0,073	0,310
CHR1	3532264	CHR1:3532264	SSF x LoA	-9,27996067	-0,134	0,295
CHR1	3532281	CHR1:3532281	SSF x LoA	-8,16295965	0,051	0,317
CHR1	3532353	CHR1:3532353	SSF x LoA	-7,25111027	-0,112	0,323
CHR1	3542656	CHR1:3542656	SSF x LoA	-11,8954083	-0,012	0,315
CHR1	3542695	CHR1:3542695	SSF x LoA	-9,47072273	0,043	0,284
CHR1	3542751	CHR1:3542751	SSF x LoA	-9,49033472	-0,092	0,320
CHR1	3542777	CHR1:3542777	SSF x LoA	-8,57251301	-0,011	0,313
CHR1	3542783	CHR1:3542783	SSF x LoA	-7,71063016	0,087	0,299
CHR1	3542788	CHR1:3542788	SSF x LoA	-9,10789607	-0,021	0,312
CHR1	3545111	CHR1:3545111	SSF x LoA	-8,69193981	-0,015	0,300
CHR1	3545122	CHR1:3545122	SSF x LoA	-10,9397141	-0,026	0,312
CHR1	3545207	CHR1:3545207	SSF x LoA	-11,3594702	0,039	0,313
CHR1	3545233	CHR1:3545233	SSF x LoA	-9,62556514	-0,074	0,307
CHR1	3547820	CHR1:3547820	SSF x LoA	-9,63818555	-0,016	0,304
CHR1	3547837	CHR1:3547837	SSF x LoA	-11,1150734	-0,031	0,305
CHR1	3547887	CHR1:3547887	SSF x LoA	-4,8047221	-0,154	0,306
CHR1	3567225	CHR1:3567225	SSF x LoA	-8,13626149	-0,046	0,306
CHR1	3567283	CHR1:3567283	SSF x LoA	-7,41995377	-0,028	0,315
CHR1	3567301	CHR1:3567301	SSF x LoA	-8,17692008	-0,037	0,304
CHR1	3567349	CHR1:3567349	SSF x LoA	-9,58498448	-0,001	0,310
CHR1	3567376	CHR1:3567376	SSF x LoA	-10,7970465	-0,029	0,307
CHR1	3577051	CHR1:3577051	SSF x LoA	-7,38359543	-0,049	0,307
CHR1	3577074	CHR1:3577074	SSF x LoA	-9,40133598	0,134	0,302
CHR1	3577077	CHR1:3577077	SSF x LoA	-10,2432375	0,018	0,301
CHR1	3577082	CHR1:3577082	SSF x LoA	-9,4575972	0,030	0,302
CHR1	3577130	CHR1:3577130	SSF x LoA	-8,51704424	-0,088	0,293
CHR1	3577154	CHR1:3577154	SSF x LoA	-10,498847	-0,011	0,304

CHR1	3593820	CHR1:3593820	SSF x LoA	-10,9004175	-0,070	0,296
CHR1	3596400	CHR1:3596400	SSF x LoA	-8,21817046	0,056	0,303
CHR1	3596408	CHR1:3596408	SSF x LoA	-8,23551919	0,091	0,312
CHR1	3601223	CHR1:3601223	SSF x LoA	-7,0506541	-0,121	0,297
CHR1	3601271	CHR1:3601271	SSF x LoA	-8,83614202	0,020	0,320
CHR1	3601334	CHR1:3601334	SSF x LoA	-5,67948406	0,165	0,302
CHR1	3601480	CHR1:3601480	SSF x LoA	-9,21569347	0,129	0,303
CHR1	3616130	CHR1:3616130	SSF x LoA	-10,1070457	0,041	0,307
CHR1	3616161	CHR1:3616161	SSF x LoA	-8,7577187	0,108	0,296
CHR1	3616187	CHR1:3616187	SSF x LoA	-8,12178921	0,034	0,311
CHR1	3616244	CHR1:3616244	SSF x LoA	-8,1735473	-0,165	0,298
CHR1	3620273	CHR1:3620273	SSF x LoA	-7,52158196	0,096	0,303
CHR1	3620287	CHR1:3620287	SSF x LoA	-8,08439242	0,160	0,307
CHR1	3623597	CHR1:3623597	SSF x LoA	-8,29495475	0,114	0,308
CHR1	3623616	CHR1:3623616	SSF x LoA	-9,0934418	-0,124	0,299
CHR1	3623697	CHR1:3623697	SSF x LoA	-8,0771249	-0,002	0,305
CHR1	3631892	CHR1:3631892	SSF x LoA	-9,55435169	-0,071	0,306
CHR1	3643296	CHR1:3643296	SSF x LoA	-10,8340742	-0,030	0,298
CHR1	3643312	CHR1:3643312	SSF x LoA	-11,192156	0,081	0,307
CHR1	3644924	CHR1:3644924	SSF x LoA	-9,91440568	-0,009	0,308
CHR1	3667574	CHR1:3667574	SSF x LoA	-9,55665273	0,007	0,309
CHR1	3679137	CHR1:3679137	SSF x LoA	-9,06916093	0,127	0,307
CHR1	3682223	CHR1:3682223	SSF x LoA	-11,0321032	0,023	0,302
CHR1	3694368	CHR1:3694368	SSF x LoA	-10,8059924	0,054	0,307
CHR1	3695285	CHR1:3695285	SSF x LoA	-10,5107618	0,110	0,298
CHR1	3695288	CHR1:3695288	SSF x LoA	-10,54341	0,068	0,307
CHR1	3695294	CHR1:3695294	SSF x LoA	-9,79359335	-0,075	0,303
CHR1	3708219	CHR1:3708219	SSF x LoA	-10,9204252	0,044	0,316
CHR1	3709419	CHR1:3709419	SSF x LoA	-8,01843411	0,083	0,288
CHR1	3709496	CHR1:3709496	SSF x LoA	-7,73258704	-0,056	0,300
CHR1	3711644	CHR1:3711644	SSF x LoA	-9,26151838	-0,037	0,303
CHR1	3715332	CHR1:3715332	SSF x LoA	-11,2021823	-0,045	0,299
CHR1	3715357	CHR1:3715357	SSF x LoA	-7,40778682	0,020	0,303
CHR1	3715360	CHR1:3715360	SSF x LoA	-11,6378125	0,060	0,304
CHR1	3715374	CHR1:3715374	SSF x LoA	-11,0928554	-0,014	0,294
CHR1	3715446	CHR1:3715446	SSF x LoA	-11,3333201	0,010	0,315
CHR1	3717393	CHR1:3717393	SSF x LoA	-9,534617	-0,018	0,309
CHR1	3717474	CHR1:3717474	SSF x LoA	-9,33792319	-0,023	0,306
CHR1	3717551	CHR1:3717551	SSF x LoA	-9,67655187	0,107	0,306
CHR1	3717576	CHR1:3717576	SSF x LoA	-8,87759699	0,100	0,313
CHR1	3717590	CHR1:3717590	SSF x LoA	-8,30028207	-0,114	0,309
CHR1	3717619	CHR1:3717619	SSF x LoA	-4,69894876	0,110	0,278
CHR1	3719803	CHR1:3719803	SSF x LoA	-7,27867086	-0,071	0,316
CHR1	3730170	CHR1:3730170	SSF x LoA	-0,51584029	0,058	0,312
CHR1	3730211	CHR1:3730211	SSF x LoA	-8,47502762	0,048	0,306
CHR1	3730333	CHR1:3730333	SSF x LoA	-10,8634965	0,026	0,307
CHR1	373360	CHR1:373360	SSF x LoA	-7,6854861	0,023	0,303
CHR1	3737372	CHR1:3737372	SSF x LoA	-9,12615369	-0,089	0,306
CHR1	3737405	CHR1:3737405	SSF x LoA	-9,12840995	-0,111	0,294
CHR1	3742098	CHR1:3742098	SSF x LoA	-8,67147427	-0,181	0,281
CHR1	3742121	CHR1:3742121	SSF x LoA	-8,39909437	-0,026	0,294
CHR1	3742122	CHR1:3742122	SSF x LoA	-9,6494441	0,008	0,311
CHR1	3748091	CHR1:3748091	SSF x LoA	-10,2273601	-0,075	0,311

CHR1	3775578	CHR1:3775578	SSF x LoA	-8,33407079	-0,064	0,316
CHR1	3775580	CHR1:3775580	SSF x LoA	-10,4630427	-0,093	0,298
CHR1	3775601	CHR1:3775601	SSF x LoA	-8,67627777	-0,143	0,304
CHR1	3787263	CHR1:3787263	SSF x LoA	-10,3792372	0,035	0,327
CHR1	3787324	CHR1:3787324	SSF x LoA	0,03777499	-0,029	0,311
CHR1	3801378	CHR1:3801378	SSF x LoA	-10,4449651	-0,026	0,303
CHR1	3801408	CHR1:3801408	SSF x LoA	-8,44663112	0,026	0,317
CHR1	380609	CHR1:380609	SSF x LoA	-4,17480471	-0,081	0,317
CHR1	3806842	CHR1:3806842	SSF x LoA	-8,66580114	-0,035	0,307
CHR1	3806910	CHR1:3806910	SSF x LoA	-4,66593097	-0,047	0,308
CHR1	3810405	CHR1:3810405	SSF x LoA	-11,3230204	-0,020	0,303
CHR1	3810558	CHR1:3810558	SSF x LoA	-9,05664623	-0,009	0,309
CHR1	3810646	CHR1:3810646	SSF x LoA	-10,4120948	-0,033	0,299
CHR1	3815711	CHR1:3815711	SSF x LoA	-9,44995148	0,015	0,295
CHR1	3815735	CHR1:3815735	SSF x LoA	-8,61449844	-0,021	0,314
CHR1	3815745	CHR1:3815745	SSF x LoA	-11,0862046	-0,027	0,309
CHR1	3815828	CHR1:3815828	SSF x LoA	-10,4131527	0,146	0,285
CHR1	3815864	CHR1:3815864	SSF x LoA	-7,51995959	0,097	0,302
CHR1	3815871	CHR1:3815871	SSF x LoA	-8,79272184	-0,070	0,316
CHR1	3820320	CHR1:3820320	SSF x LoA	-7,9909041	0,091	0,302
CHR1	3820449	CHR1:3820449	SSF x LoA	-10,8417122	-0,013	0,312
CHR1	3820474	CHR1:3820474	SSF x LoA	-9,1007906	-0,018	0,303
CHR1	382373	CHR1:382373	SSF x LoA	-9,51998105	-0,042	0,316
CHR1	3836760	CHR1:3836760	SSF x LoA	-9,61474191	-0,068	0,314
CHR1	3836816	CHR1:3836816	SSF x LoA	-10,5045674	-0,001	0,299
CHR1	3836831	CHR1:3836831	SSF x LoA	-9,56483864	0,056	0,302
CHR1	3836837	CHR1:3836837	SSF x LoA	-11,3450455	0,100	0,307
CHR1	3836838	CHR1:3836838	SSF x LoA	-7,30935726	0,118	0,305
CHR1	3841538	CHR1:3841538	SSF x LoA	-10,9071774	0,029	0,311
CHR1	3841549	CHR1:3841549	SSF x LoA	-8,10623963	-0,165	0,299
CHR1	3841555	CHR1:3841555	SSF x LoA	-11,3102476	-0,059	0,307
CHR1	3841585	CHR1:3841585	SSF x LoA	-8,96668795	0,030	0,288
CHR1	3847979	CHR1:3847979	SSF x LoA	-10,4159032	0,078	0,297
CHR1	3848053	CHR1:3848053	SSF x LoA	-9,95298857	0,037	0,313
CHR1	3848084	CHR1:3848084	SSF x LoA	-9,76543114	0,043	0,305
CHR1	3849460	CHR1:3849460	SSF x LoA	-9,02840787	0,074	0,315
CHR1	3849475	CHR1:3849475	SSF x LoA	-10,3803032	0,074	0,313
CHR1	3849508	CHR1:3849508	SSF x LoA	-7,22767419	0,078	0,305
CHR1	3849578	CHR1:3849578	SSF x LoA	-10,363286	-0,048	0,315
CHR1	3863411	CHR1:3863411	SSF x LoA	-5,74809852	0,095	0,298
CHR1	3876409	CHR1:3876409	SSF x LoA	-5,72899144	0,060	0,304
CHR1	388550	CHR1:388550	SSF x LoA	-8,48606927	-0,059	0,316
CHR1	388786	CHR1:388786	SSF x LoA	-10,9813292	-0,039	0,294
CHR1	388898	CHR1:388898	SSF x LoA	-11,8287991	-0,002	0,311
CHR1	3899368	CHR1:3899368	SSF x LoA	-11,1132707	0,020	0,300
CHR1	3899378	CHR1:3899378	SSF x LoA	-10,2178902	0,056	0,292
CHR1	3913836	CHR1:3913836	SSF x LoA	-8,60225774	-0,052	0,293
CHR1	3913926	CHR1:3913926	SSF x LoA	-11,7518189	0,040	0,307
CHR1	3913929	CHR1:3913929	SSF x LoA	-9,86472832	-0,045	0,308
CHR1	3913940	CHR1:3913940	SSF x LoA	-11,7223257	0,017	0,306
CHR1	3914075	CHR1:3914075	SSF x LoA	-7,37168587	-0,104	0,319
CHR1	3914077	CHR1:3914077	SSF x LoA	-9,43050759	0,041	0,311
CHR1	3914086	CHR1:3914086	SSF x LoA	-7,75805402	0,057	0,311

CHR1	3920892	CHR1:3920892	SSF x LoA	-9,49168703	-0,051	0,315
CHR1	3920954	CHR1:3920954	SSF x LoA	-10,8922109	-0,016	0,290
CHR1	3920955	CHR1:3920955	SSF x LoA	-10,4423672	0,031	0,300
CHR1	3920990	CHR1:3920990	SSF x LoA	-9,45069976	-0,038	0,316
CHR1	3942774	CHR1:3942774	SSF x LoA	-9,37671262	-0,022	0,306
CHR1	3942798	CHR1:3942798	SSF x LoA	-6,51415147	0,104	0,315
CHR1	3942858	CHR1:3942858	SSF x LoA	-8,51868034	-0,170	0,295
CHR1	3943569	CHR1:3943569	SSF x LoA	-11,0948793	-0,016	0,313
CHR1	3957744	CHR1:3957744	SSF x LoA	-10,6704749	-0,014	0,313
CHR1	3957772	CHR1:3957772	SSF x LoA	-9,58964416	-0,039	0,312
CHR1	3971442	CHR1:3971442	SSF x LoA	-10,8039294	-0,013	0,309
CHR1	3972654	CHR1:3972654	SSF x LoA	-4,8313095	-0,156	0,316
CHR1	3972709	CHR1:3972709	SSF x LoA	-8,07815321	0,008	0,314
CHR1	3977561	CHR1:3977561	SSF x LoA	-7,8409898	-0,057	0,302
CHR1	3977586	CHR1:3977586	SSF x LoA	1,6166835	0,059	0,310
CHR1	3978767	CHR1:3978767	SSF x LoA	-10,9573189	0,034	0,323
CHR1	3983768	CHR1:3983768	SSF x LoA	-8,35369791	-0,072	0,316
CHR1	3983812	CHR1:3983812	SSF x LoA	-7,74275949	0,094	0,306
CHR1	3983925	CHR1:3983925	SSF x LoA	-10,1103119	0,008	0,300
CHR1	3987249	CHR1:3987249	SSF x LoA	-11,1955614	0,050	0,305
CHR1	3987262	CHR1:3987262	SSF x LoA	-11,1319055	0,015	0,314
CHR1	3987324	CHR1:3987324	SSF x LoA	-10,4309452	-0,072	0,302
CHR1	399009	CHR1:399009	SSF x LoA	-10,3305852	0,054	0,293
CHR1	3992737	CHR1:3992737	SSF x LoA	-8,40540503	-0,083	0,313
CHR1	3992759	CHR1:3992759	SSF x LoA	-10,0414055	-0,027	0,306
CHR1	400816	CHR1:400816	SSF x LoA	-10,8620501	-0,054	0,308
CHR1	4010858	CHR1:4010858	SSF x LoA	-10,6188253	0,050	0,305
CHR1	4010884	CHR1:4010884	SSF x LoA	1,05959446	0,119	0,319
CHR1	4010910	CHR1:4010910	SSF x LoA	-7,86410482	0,070	0,301
CHR1	4010916	CHR1:4010916	SSF x LoA	-7,2511629	0,130	0,304
CHR1	4010920	CHR1:4010920	SSF x LoA	-7,02350045	-0,143	0,295
CHR1	4010935	CHR1:4010935	SSF x LoA	-6,05198561	-0,013	0,312
CHR1	4010939	CHR1:4010939	SSF x LoA	-8,73467127	0,062	0,299
CHR1	4010942	CHR1:4010942	SSF x LoA	-7,229218	0,091	0,319
CHR1	4010953	CHR1:4010953	SSF x LoA	-2,89505163	-0,200	0,299
CHR1	4013700	CHR1:4013700	SSF x LoA	-10,4736153	0,032	0,303
CHR1	4015183	CHR1:4015183	SSF x LoA	-4,37124929	0,066	0,314
CHR1	4015196	CHR1:4015196	SSF x LoA	2,82841887	0,046	0,321
CHR1	4021291	CHR1:4021291	SSF x LoA	-9,068267	-0,042	0,308
CHR1	4021394	CHR1:4021394	SSF x LoA	-10,1287167	-0,085	0,312
CHR1	4021531	CHR1:4021531	SSF x LoA	-10,3905857	-0,087	0,299
CHR1	4021608	CHR1:4021608	SSF x LoA	-8,26230373	0,139	0,306
CHR1	4031828	CHR1:4031828	SSF x LoA	-8,72264529	0,057	0,301
CHR1	4031904	CHR1:4031904	SSF x LoA	-8,6687292	0,021	0,320
CHR1	4052760	CHR1:4052760	SSF x LoA	-10,0942263	0,057	0,318
CHR1	4052827	CHR1:4052827	SSF x LoA	-9,61344053	0,054	0,281
CHR1	4052860	CHR1:4052860	SSF x LoA	-9,63460652	0,056	0,316
CHR1	4060925	CHR1:4060925	SSF x LoA	-10,6118058	0,047	0,299
CHR1	4061123	CHR1:4061123	SSF x LoA	-10,3204508	-0,115	0,303
CHR1	4066271	CHR1:4066271	SSF x LoA	-9,94478012	0,023	0,311
CHR1	4066493	CHR1:4066493	SSF x LoA	-11,8849114	0,028	0,294
CHR1	4080310	CHR1:4080310	SSF x LoA	-10,4146242	0,014	0,304
CHR1	4082763	CHR1:4082763	SSF x LoA	-10,1250848	0,109	0,292

CHR1	409593	CHR1:409593	SSF x LoA	-3,26673062	-0,163	0,296
CHR1	409659	CHR1:409659	SSF x LoA	-11,0851056	0,011	0,302
CHR1	410390	CHR1:410390	SSF x LoA	-10,6759669	-0,041	0,307
CHR1	4111527	CHR1:4111527	SSF x LoA	-2,9755691	0,034	0,299
CHR1	4113299	CHR1:4113299	SSF x LoA	-3,86293117	0,137	0,303
CHR1	4113338	CHR1:4113338	SSF x LoA	-9,9272018	-0,070	0,317
CHR1	4114850	CHR1:4114850	SSF x LoA	-9,57046604	-0,048	0,306
CHR1	412420	CHR1:412420	SSF x LoA	-8,84734382	-0,081	0,295
CHR1	412429	CHR1:412429	SSF x LoA	-7,76693313	-0,093	0,294
CHR1	412490	CHR1:412490	SSF x LoA	0,20858806	0,075	0,312
CHR1	4132151	CHR1:4132151	SSF x LoA	-9,26695444	-0,027	0,321
CHR1	4132153	CHR1:4132153	SSF x LoA	-11,4083089	0,054	0,292
CHR1	4132167	CHR1:4132167	SSF x LoA	-10,6806249	0,035	0,308
CHR1	4132176	CHR1:4132176	SSF x LoA	-10,1329085	0,001	0,312
CHR1	4132220	CHR1:4132220	SSF x LoA	-10,4036741	0,016	0,313
CHR1	4132234	CHR1:4132234	SSF x LoA	-8,23475656	0,015	0,315
CHR1	4137715	CHR1:4137715	SSF x LoA	-10,5058052	-0,096	0,313
CHR1	4137737	CHR1:4137737	SSF x LoA	-4,12829893	0,098	0,313
CHR1	4137781	CHR1:4137781	SSF x LoA	-8,96520788	0,103	0,306
CHR1	4137795	CHR1:4137795	SSF x LoA	-9,64944744	0,107	0,307
CHR1	4137840	CHR1:4137840	SSF x LoA	-5,40951375	-0,113	0,309
CHR1	4137905	CHR1:4137905	SSF x LoA	-6,60988886	-0,091	0,314
CHR1	4137956	CHR1:4137956	SSF x LoA	-9,84225479	-0,089	0,312
CHR1	4137959	CHR1:4137959	SSF x LoA	-11,0261378	0,022	0,288
CHR1	4144752	CHR1:4144752	SSF x LoA	-9,23946415	0,107	0,306
CHR1	4144801	CHR1:4144801	SSF x LoA	-10,8697633	0,047	0,306
CHR1	4146551	CHR1:4146551	SSF x LoA	-7,30353327	0,142	0,300
CHR1	4146561	CHR1:4146561	SSF x LoA	-9,92916302	-0,020	0,317
CHR1	4146562	CHR1:4146562	SSF x LoA	-10,8717123	-0,070	0,308
CHR1	4146616	CHR1:4146616	SSF x LoA	-9,47867519	0,085	0,298
CHR1	4149939	CHR1:4149939	SSF x LoA	-11,5157088	-0,022	0,300
CHR1	4158849	CHR1:4158849	SSF x LoA	-4,09754917	0,020	0,309
CHR1	4158910	CHR1:4158910	SSF x LoA	-6,54260918	0,197	0,296
CHR1	4158933	CHR1:4158933	SSF x LoA	-11,2780544	-0,006	0,314
CHR1	4158959	CHR1:4158959	SSF x LoA	-10,9681961	-0,069	0,307
CHR1	4160601	CHR1:4160601	SSF x LoA	-10,511623	-0,113	0,292
CHR1	4160660	CHR1:4160660	SSF x LoA	-9,20748929	0,088	0,316
CHR1	4160712	CHR1:4160712	SSF x LoA	-8,90017383	0,021	0,306
CHR1	4160719	CHR1:4160719	SSF x LoA	-8,92150792	-0,024	0,299
CHR1	4164569	CHR1:4164569	SSF x LoA	-10,7242137	0,049	0,310
CHR1	4164651	CHR1:4164651	SSF x LoA	-8,1022182	0,143	0,306
CHR1	4164681	CHR1:4164681	SSF x LoA	-9,32303874	-0,080	0,305
CHR1	4164744	CHR1:4164744	SSF x LoA	-8,68375441	0,102	0,299
CHR1	4175853	CHR1:4175853	SSF x LoA	-6,25096678	-0,039	0,306
CHR1	4186536	CHR1:4186536	SSF x LoA	1,4033837	-0,060	0,312
CHR1	4186585	CHR1:4186585	SSF x LoA	-11,0113423	-0,009	0,309
CHR1	4193917	CHR1:4193917	SSF x LoA	-11,0622261	0,039	0,303
CHR1	4194042	CHR1:4194042	SSF x LoA	-7,87097926	0,202	0,296
CHR1	4194045	CHR1:4194045	SSF x LoA	-9,3456689	-0,082	0,313
CHR1	4198290	CHR1:4198290	SSF x LoA	-7,27808749	-0,091	0,306
CHR1	420503	CHR1:420503	SSF x LoA	-9,52969678	-0,064	0,304
CHR1	420571	CHR1:420571	SSF x LoA	-8,6578777	-0,121	0,290
CHR1	420742	CHR1:420742	SSF x LoA	-10,891397	-0,068	0,315

CHR1	4211219	CHR1:4211219	SSF x LoA	-8,56072475	0,109	0,302
CHR1	4211247	CHR1:4211247	SSF x LoA	-6,51839428	-0,130	0,297
CHR1	4211299	CHR1:4211299	SSF x LoA	-10,9051013	-0,055	0,319
CHR1	4211306	CHR1:4211306	SSF x LoA	-7,15708429	-0,044	0,307
CHR1	4211337	CHR1:4211337	SSF x LoA	-8,06545356	-0,102	0,294
CHR1	4218446	CHR1:4218446	SSF x LoA	-9,59689832	0,101	0,311
CHR1	4230285	CHR1:4230285	SSF x LoA	-7,7111129	-0,097	0,327
CHR1	4230328	CHR1:4230328	SSF x LoA	-7,42328546	-0,006	0,308
CHR1	4230343	CHR1:4230343	SSF x LoA	-8,7851073	0,096	0,311
CHR1	4230477	CHR1:4230477	SSF x LoA	-11,0163821	-0,042	0,302
CHR1	4232628	CHR1:4232628	SSF x LoA	-6,33524417	0,074	0,312
CHR1	4252513	CHR1:4252513	SSF x LoA	-10,3407895	0,038	0,300
CHR1	4252556	CHR1:4252556	SSF x LoA	-9,15319405	-0,055	0,291
CHR1	4254471	CHR1:4254471	SSF x LoA	-7,10664858	0,197	0,297
CHR1	4263341	CHR1:4263341	SSF x LoA	-11,0511476	0,055	0,304
CHR1	4282258	CHR1:4282258	SSF x LoA	-10,24465	0,017	0,301
CHR1	4282362	CHR1:4282362	SSF x LoA	-10,7010357	0,004	0,320
CHR1	4282377	CHR1:4282377	SSF x LoA	-10,5926968	0,040	0,298
CHR1	4282433	CHR1:4282433	SSF x LoA	-9,84357267	0,041	0,300
CHR1	428245	CHR1:428245	SSF x LoA	-6,332345	0,195	0,299
CHR1	4289920	CHR1:4289920	SSF x LoA	-8,1776658	0,062	0,306
CHR1	4289943	CHR1:4289943	SSF x LoA	-8,48252135	-0,095	0,300
CHR1	4290098	CHR1:4290098	SSF x LoA	-11,6049495	-0,029	0,310
CHR1	4290139	CHR1:4290139	SSF x LoA	-6,32929956	-0,001	0,308
CHR1	4303231	CHR1:4303231	SSF x LoA	-7,55316765	-0,124	0,303
CHR1	4304971	CHR1:4304971	SSF x LoA	-9,78215674	0,016	0,307
CHR1	4304989	CHR1:4304989	SSF x LoA	-8,1606618	0,000	0,317
CHR1	4314520	CHR1:4314520	SSF x LoA	-11,0934217	-0,003	0,301
CHR1	4314562	CHR1:4314562	SSF x LoA	-9,71594497	0,011	0,295
CHR1	4314586	CHR1:4314586	SSF x LoA	-8,04822178	0,100	0,299
CHR1	4315254	CHR1:4315254	SSF x LoA	-8,52469733	-0,103	0,326
CHR1	4315283	CHR1:4315283	SSF x LoA	-9,84465971	-0,071	0,307
CHR1	4315427	CHR1:4315427	SSF x LoA	-10,11122	-0,068	0,291
CHR1	4332235	CHR1:4332235	SSF x LoA	-11,2937274	-0,027	0,306
CHR1	4333388	CHR1:4333388	SSF x LoA	-10,4513565	-0,004	0,315
CHR1	4333400	CHR1:4333400	SSF x LoA	-9,39664619	-0,057	0,315
CHR1	4337645	CHR1:4337645	SSF x LoA	-9,78701177	0,032	0,307
CHR1	4337649	CHR1:4337649	SSF x LoA	-9,01115752	0,044	0,314
CHR1	4337662	CHR1:4337662	SSF x LoA	-8,87616824	0,008	0,314
CHR1	4337750	CHR1:4337750	SSF x LoA	-7,59545041	-0,011	0,308
CHR1	4337878	CHR1:4337878	SSF x LoA	-10,3059002	-0,022	0,310
CHR1	4342560	CHR1:4342560	SSF x LoA	-10,9594624	0,013	0,311
CHR1	4354934	CHR1:4354934	SSF x LoA	-10,8897922	0,045	0,317
CHR1	4354948	CHR1:4354948	SSF x LoA	-7,6310624	-0,093	0,310
CHR1	4368350	CHR1:4368350	SSF x LoA	-10,0422871	-0,026	0,298
CHR1	4368447	CHR1:4368447	SSF x LoA	-8,67568125	0,026	0,320
CHR1	4384869	CHR1:4384869	SSF x LoA	-11,7096642	-0,040	0,307
CHR1	4393276	CHR1:4393276	SSF x LoA	8,74361911	-0,086	0,307
CHR1	4413534	CHR1:4413534	SSF x LoA	-9,20399238	-0,101	0,302
CHR1	4413595	CHR1:4413595	SSF x LoA	-8,50373823	0,124	0,291
CHR1	4413638	CHR1:4413638	SSF x LoA	-10,6629533	0,033	0,297
CHR1	4413668	CHR1:4413668	SSF x LoA	-8,57199699	-0,076	0,299
CHR1	4413747	CHR1:4413747	SSF x LoA	-10,3545998	-0,025	0,306

CHR1	4413772	CHR1:4413772	SSF x LoA	-10,3395444	-0,044	0,308
CHR1	4429808	CHR1:4429808	SSF x LoA	-9,86300451	0,042	0,300
CHR1	4429809	CHR1:4429809	SSF x LoA	-8,81840873	-0,012	0,292
CHR1	4439784	CHR1:4439784	SSF x LoA	-8,58590022	0,071	0,301
CHR1	4439816	CHR1:4439816	SSF x LoA	-7,21595468	0,003	0,322
CHR1	4439817	CHR1:4439817	SSF x LoA	-7,35962906	-0,014	0,307
CHR1	4439850	CHR1:4439850	SSF x LoA	-7,806698	-0,018	0,306
CHR1	4439927	CHR1:4439927	SSF x LoA	-6,96758102	0,097	0,302
CHR1	4439993	CHR1:4439993	SSF x LoA	-8,13325466	-0,034	0,299
CHR1	444192	CHR1:444192	SSF x LoA	-7,54149682	-0,125	0,304
CHR1	4443813	CHR1:4443813	SSF x LoA	-7,93457515	0,024	0,306
CHR1	4443935	CHR1:4443935	SSF x LoA	-8,28798267	0,076	0,310
CHR1	4446803	CHR1:4446803	SSF x LoA	-8,49183203	0,022	0,308
CHR1	4446829	CHR1:4446829	SSF x LoA	-9,38881322	-0,132	0,302
CHR1	4446833	CHR1:4446833	SSF x LoA	-8,61682357	0,019	0,322
CHR1	4446905	CHR1:4446905	SSF x LoA	-9,30026399	0,141	0,297
CHR1	4447082	CHR1:4447082	SSF x LoA	-8,3179452	0,134	0,305
CHR1	4454540	CHR1:4454540	SSF x LoA	-7,85807498	0,131	0,309
CHR1	4454574	CHR1:4454574	SSF x LoA	-8,21980472	-0,021	0,320
CHR1	445497	CHR1:445497	SSF x LoA	-8,87919158	-0,086	0,302
CHR1	445690	CHR1:445690	SSF x LoA	-8,37741317	0,049	0,302
CHR1	4460969	CHR1:4460969	SSF x LoA	-10,9491777	-0,012	0,304
CHR1	4461008	CHR1:4461008	SSF x LoA	-10,3938879	0,038	0,318
CHR1	4461015	CHR1:4461015	SSF x LoA	-7,52175779	0,116	0,301
CHR1	4464394	CHR1:4464394	SSF x LoA	-9,10818347	0,061	0,307
CHR1	4464581	CHR1:4464581	SSF x LoA	-10,6604268	0,116	0,301
CHR1	4469392	CHR1:4469392	SSF x LoA	-10,7839847	-0,060	0,303
CHR1	4481548	CHR1:4481548	SSF x LoA	-8,57962738	0,127	0,309
CHR1	4481556	CHR1:4481556	SSF x LoA	-10,6567441	0,049	0,303
CHR1	4481630	CHR1:4481630	SSF x LoA	-11,5445422	-0,010	0,300
CHR1	4481654	CHR1:4481654	SSF x LoA	-4,98940548	0,063	0,303
CHR1	4481708	CHR1:4481708	SSF x LoA	-9,14426843	-0,005	0,313
CHR1	4481721	CHR1:4481721	SSF x LoA	-9,54335518	-0,003	0,294
CHR1	4486869	CHR1:4486869	SSF x LoA	-6,97337627	0,027	0,322
CHR1	4486874	CHR1:4486874	SSF x LoA	-10,4493592	0,022	0,306
CHR1	4486893	CHR1:4486893	SSF x LoA	-9,29100579	0,103	0,302
CHR1	4486896	CHR1:4486896	SSF x LoA	-10,4295328	0,012	0,312
CHR1	4486901	CHR1:4486901	SSF x LoA	-9,01118166	0,022	0,323
CHR1	4486972	CHR1:4486972	SSF x LoA	-10,0050418	0,020	0,308
CHR1	4495070	CHR1:4495070	SSF x LoA	-10,5516804	-0,109	0,302
CHR1	4495074	CHR1:4495074	SSF x LoA	-10,8389908	-0,079	0,309
CHR1	4495120	CHR1:4495120	SSF x LoA	-9,07553211	0,097	0,301
CHR1	4496476	CHR1:4496476	SSF x LoA	-6,8703949	-0,031	0,304
CHR1	4496496	CHR1:4496496	SSF x LoA	-11,6328294	-0,027	0,293
CHR1	4507141	CHR1:4507141	SSF x LoA	-7,18205837	-0,120	0,285
CHR1	4507235	CHR1:4507235	SSF x LoA	-9,53813414	0,009	0,293
CHR1	4507270	CHR1:4507270	SSF x LoA	-8,7398284	0,045	0,311
CHR1	4518063	CHR1:4518063	SSF x LoA	-6,57931335	0,182	0,295
CHR1	4518194	CHR1:4518194	SSF x LoA	-10,0206656	0,016	0,301
CHR1	4520387	CHR1:4520387	SSF x LoA	-10,5019842	-0,059	0,309
CHR1	4525031	CHR1:4525031	SSF x LoA	-7,60262206	0,067	0,304
CHR1	452778	CHR1:452778	SSF x LoA	-8,93180719	-0,024	0,304
CHR1	4542374	CHR1:4542374	SSF x LoA	-10,8000595	-0,027	0,312

CHR1	4542414	CHR1:4542414	SSF x LoA	-7,38608838	-0,045	0,316
CHR1	4547363	CHR1:4547363	SSF x LoA	-11,4196022	-0,024	0,318
CHR1	4553187	CHR1:4553187	SSF x LoA	-9,1393556	0,023	0,319
CHR1	4553228	CHR1:4553228	SSF x LoA	-10,2578493	0,000	0,314
CHR1	4553330	CHR1:4553330	SSF x LoA	-9,23890715	-0,092	0,313
CHR1	4559902	CHR1:4559902	SSF x LoA	-9,02822764	-0,082	0,296
CHR1	4560092	CHR1:4560092	SSF x LoA	-9,85148984	0,006	0,322
CHR1	4567788	CHR1:4567788	SSF x LoA	-7,61352343	-0,104	0,309
CHR1	4571189	CHR1:4571189	SSF x LoA	-9,04709292	-0,099	0,303
CHR1	4571200	CHR1:4571200	SSF x LoA	-10,0961317	0,043	0,309
CHR1	4571217	CHR1:4571217	SSF x LoA	-8,35143849	-0,029	0,305
CHR1	4572955	CHR1:4572955	SSF x LoA	-8,51670192	0,082	0,308
CHR1	4585940	CHR1:4585940	SSF x LoA	-11,2483059	-0,040	0,304
CHR1	4592347	CHR1:4592347	SSF x LoA	-10,3755413	-0,094	0,314
CHR1	4592466	CHR1:4592466	SSF x LoA	-8,27029549	0,044	0,318
CHR1	4596274	CHR1:4596274	SSF x LoA	-5,93874411	-0,027	0,317
CHR1	4596358	CHR1:4596358	SSF x LoA	-10,421484	0,030	0,307
CHR1	4596366	CHR1:4596366	SSF x LoA	-10,6417876	-0,038	0,289
CHR1	4603228	CHR1:4603228	SSF x LoA	-9,76644124	-0,012	0,312
CHR1	4603282	CHR1:4603282	SSF x LoA	-9,36626918	0,022	0,305
CHR1	4603314	CHR1:4603314	SSF x LoA	-9,92765843	0,075	0,304
CHR1	4621677	CHR1:4621677	SSF x LoA	-10,0137365	-0,035	0,310
CHR1	4623674	CHR1:4623674	SSF x LoA	-10,8825769	0,036	0,303
CHR1	4623780	CHR1:4623780	SSF x LoA	-9,6765295	0,064	0,305
CHR1	4623784	CHR1:4623784	SSF x LoA	-9,35709237	0,047	0,293
CHR1	4628797	CHR1:4628797	SSF x LoA	-11,2626426	-0,070	0,316
CHR1	4629021	CHR1:4629021	SSF x LoA	-5,50703417	-0,223	0,297
CHR1	4629093	CHR1:4629093	SSF x LoA	-6,18415659	-0,051	0,306
CHR1	463335	CHR1:463335	SSF x LoA	-8,01921953	-0,024	0,318
CHR1	463337	CHR1:463337	SSF x LoA	-9,91670302	-0,077	0,311
CHR1	463382	CHR1:463382	SSF x LoA	-10,0436427	-0,083	0,294
CHR1	463384	CHR1:463384	SSF x LoA	-11,1398079	-0,089	0,305
CHR1	463390	CHR1:463390	SSF x LoA	-10,9001853	-0,062	0,310
CHR1	463397	CHR1:463397	SSF x LoA	-10,8083833	-0,086	0,312
CHR1	4634244	CHR1:4634244	SSF x LoA	-10,3721191	0,000	0,300
CHR1	463426	CHR1:463426	SSF x LoA	-10,3228421	-0,087	0,301
CHR1	4634296	CHR1:4634296	SSF x LoA	-11,1713808	0,009	0,296
CHR1	464778	CHR1:464778	SSF x LoA	-9,27437402	-0,006	0,311
CHR1	4648041	CHR1:4648041	SSF x LoA	-7,20819381	-0,071	0,305
CHR1	4652477	CHR1:4652477	SSF x LoA	-9,65322548	-0,029	0,302
CHR1	4652478	CHR1:4652478	SSF x LoA	-7,70917603	-0,038	0,315
CHR1	4653930	CHR1:4653930	SSF x LoA	-9,56876502	0,008	0,305
CHR1	4658302	CHR1:4658302	SSF x LoA	-11,4357436	0,099	0,293
CHR1	4662848	CHR1:4662848	SSF x LoA	-10,959896	0,044	0,315
CHR1	4662918	CHR1:4662918	SSF x LoA	-9,52946157	-0,120	0,295
CHR1	4666344	CHR1:4666344	SSF x LoA	-8,51321312	0,039	0,304
CHR1	4675879	CHR1:4675879	SSF x LoA	-9,35557266	-0,079	0,311
CHR1	4677072	CHR1:4677072	SSF x LoA	-8,77373121	0,044	0,316
CHR1	4677131	CHR1:4677131	SSF x LoA	-11,3024492	0,112	0,297
CHR1	4695390	CHR1:4695390	SSF x LoA	-11,4516473	0,044	0,305
CHR1	4695479	CHR1:4695479	SSF x LoA	-11,1532927	-0,050	0,308
CHR1	4704277	CHR1:4704277	SSF x LoA	-9,48328059	0,045	0,309
CHR1	4705004	CHR1:4705004	SSF x LoA	-9,0072458	0,056	0,298

CHR1	4712578	CHR1:4712578	SSF x LoA	-9,52171791	0,024	0,310
CHR1	4712938	CHR1:4712938	SSF x LoA	-9,83291896	0,028	0,300
CHR1	4733170	CHR1:4733170	SSF x LoA	1,09175904	-0,008	0,301
CHR1	4742096	CHR1:4742096	SSF x LoA	-9,73140167	0,027	0,311
CHR1	4742108	CHR1:4742108	SSF x LoA	-8,17462196	-0,007	0,297
CHR1	4742153	CHR1:4742153	SSF x LoA	-7,34537612	0,130	0,305
CHR1	4742169	CHR1:4742169	SSF x LoA	-10,509766	-0,021	0,297
CHR1	4757695	CHR1:4757695	SSF x LoA	-7,5349199	0,014	0,322
CHR1	4770425	CHR1:4770425	SSF x LoA	-6,58024365	-0,104	0,309
CHR1	4776101	CHR1:4776101	SSF x LoA	-9,92610009	-0,021	0,312
CHR1	4776129	CHR1:4776129	SSF x LoA	-7,52591029	0,110	0,296
CHR1	4776296	CHR1:4776296	SSF x LoA	-11,5247286	0,017	0,302
CHR1	4776297	CHR1:4776297	SSF x LoA	-10,8717909	0,028	0,305
CHR1	4783726	CHR1:4783726	SSF x LoA	-11,4964663	-0,019	0,316
CHR1	4783774	CHR1:4783774	SSF x LoA	-10,1011467	-0,045	0,309
CHR1	4793028	CHR1:4793028	SSF x LoA	-4,84892496	-0,109	0,319
CHR1	4794575	CHR1:4794575	SSF x LoA	-8,63647731	-0,106	0,319
CHR1	4794625	CHR1:4794625	SSF x LoA	-8,7339884	-0,029	0,297
CHR1	4794655	CHR1:4794655	SSF x LoA	-8,09733298	0,055	0,310
CHR1	480850	CHR1:480850	SSF x LoA	-8,82619629	0,117	0,301
CHR1	4815555	CHR1:4815555	SSF x LoA	-11,7405427	0,024	0,307
CHR1	4815605	CHR1:4815605	SSF x LoA	-8,65990966	0,037	0,328
CHR1	4815606	CHR1:4815606	SSF x LoA	-9,54580883	-0,074	0,291
CHR1	482823	CHR1:482823	SSF x LoA	-6,75046376	-0,049	0,294
CHR1	4828673	CHR1:4828673	SSF x LoA	-8,54324303	-0,075	0,309
CHR1	4828759	CHR1:4828759	SSF x LoA	-6,14549492	0,181	0,293
CHR1	4828801	CHR1:4828801	SSF x LoA	-9,57554312	-0,028	0,319
CHR1	4852552	CHR1:4852552	SSF x LoA	-9,33260021	0,013	0,307
CHR1	4859054	CHR1:4859054	SSF x LoA	-1,75603582	-0,157	0,299
CHR1	4859163	CHR1:4859163	SSF x LoA	-6,35716564	-0,049	0,315
CHR1	4859189	CHR1:4859189	SSF x LoA	-9,37957982	-0,096	0,299
CHR1	4875988	CHR1:4875988	SSF x LoA	-6,56929577	0,098	0,307
CHR1	4876023	CHR1:4876023	SSF x LoA	-2,63482636	-0,149	0,299
CHR1	4876040	CHR1:4876040	SSF x LoA	-8,24944996	-0,105	0,301
CHR1	4876141	CHR1:4876141	SSF x LoA	-9,87350075	-0,057	0,319
CHR1	4883991	CHR1:4883991	SSF x LoA	-9,90060301	-0,129	0,314
CHR1	4886470	CHR1:4886470	SSF x LoA	-9,34966448	-0,051	0,294
CHR1	4886567	CHR1:4886567	SSF x LoA	-6,98185276	0,049	0,310
CHR1	4886616	CHR1:4886616	SSF x LoA	-4,81126673	0,210	0,301
CHR1	4886709	CHR1:4886709	SSF x LoA	-9,56523463	0,028	0,302
CHR1	4896233	CHR1:4896233	SSF x LoA	-10,0409538	-0,061	0,299
CHR1	4897509	CHR1:4897509	SSF x LoA	-10,1182303	0,012	0,324
CHR1	4897692	CHR1:4897692	SSF x LoA	-9,61751394	-0,024	0,312
CHR1	4907682	CHR1:4907682	SSF x LoA	-11,1117665	0,030	0,304
CHR1	4910715	CHR1:4910715	SSF x LoA	-8,41228648	-0,020	0,305
CHR1	4910726	CHR1:4910726	SSF x LoA	-10,3266752	-0,064	0,309
CHR1	4910761	CHR1:4910761	SSF x LoA	-10,9553503	-0,017	0,319
CHR1	4910790	CHR1:4910790	SSF x LoA	-8,93519426	0,003	0,315
CHR1	4910908	CHR1:4910908	SSF x LoA	-8,22261238	-0,099	0,298
CHR1	491288	CHR1:491288	SSF x LoA	-8,54604026	-0,048	0,315
CHR1	4920003	CHR1:4920003	SSF x LoA	-8,36032938	-0,151	0,280
CHR1	4920111	CHR1:4920111	SSF x LoA	-8,81042227	-0,048	0,291
CHR1	4958826	CHR1:4958826	SSF x LoA	-7,1612078	0,161	0,292

CHR1	4965529	CHR1:4965529	SSF x LoA	-9,91462495	0,052	0,308
CHR1	4965638	CHR1:4965638	SSF x LoA	-8,34605036	0,084	0,310
CHR1	4979161	CHR1:4979161	SSF x LoA	-9,33555644	-0,130	0,300
CHR1	4988134	CHR1:4988134	SSF x LoA	-8,79065499	0,016	0,304
CHR1	4988177	CHR1:4988177	SSF x LoA	-9,17674422	-0,056	0,307
CHR1	4989440	CHR1:4989440	SSF x LoA	-10,449601	0,050	0,301
CHR1	4989533	CHR1:4989533	SSF x LoA	-10,2200224	-0,069	0,304
CHR1	4992921	CHR1:4992921	SSF x LoA	-7,95536766	0,098	0,312
CHR1	4993067	CHR1:4993067	SSF x LoA	-3,76529716	-0,196	0,294
CHR1	4993069	CHR1:4993069	SSF x LoA	-7,24478144	-0,170	0,308
CHR1	4993124	CHR1:4993124	SSF x LoA	-9,54790064	0,103	0,305
CHR1	500909	CHR1:500909	SSF x LoA	-10,6823641	-0,085	0,301
CHR1	5021058	CHR1:5021058	SSF x LoA	-9,54801294	0,135	0,303
CHR1	5021092	CHR1:5021092	SSF x LoA	-11,4997702	0,065	0,307
CHR1	5021156	CHR1:5021156	SSF x LoA	-11,025765	0,010	0,303
CHR1	5024333	CHR1:5024333	SSF x LoA	-9,35502705	-0,167	0,297
CHR1	5024443	CHR1:5024443	SSF x LoA	-7,11903334	0,061	0,306
CHR1	5024574	CHR1:5024574	SSF x LoA	-11,357447	0,090	0,304
CHR1	5043252	CHR1:5043252	SSF x LoA	-9,13837846	-0,043	0,300
CHR1	5043392	CHR1:5043392	SSF x LoA	-8,40238279	0,061	0,313
CHR1	504636	CHR1:504636	SSF x LoA	-10,7896923	0,060	0,299
CHR1	504701	CHR1:504701	SSF x LoA	-9,18528869	0,007	0,310
CHR1	504736	CHR1:504736	SSF x LoA	-10,0694096	0,102	0,306
CHR1	5048525	CHR1:5048525	SSF x LoA	-9,1933441	0,066	0,300
CHR1	5048628	CHR1:5048628	SSF x LoA	-9,22179124	-0,018	0,314
CHR1	5048697	CHR1:5048697	SSF x LoA	-11,1122535	0,011	0,314
CHR1	5053275	CHR1:5053275	SSF x LoA	-10,676063	-0,059	0,316
CHR1	5053464	CHR1:5053464	SSF x LoA	-9,244341	-0,008	0,305
CHR1	5057312	CHR1:5057312	SSF x LoA	-7,47068397	0,053	0,320
CHR1	5057334	CHR1:5057334	SSF x LoA	-7,82459402	0,067	0,320
CHR1	5057341	CHR1:5057341	SSF x LoA	-9,06465488	-0,014	0,320
CHR1	5057376	CHR1:5057376	SSF x LoA	-5,46378526	0,023	0,321
CHR1	5057385	CHR1:5057385	SSF x LoA	-6,29763444	-0,175	0,304
CHR1	5057421	CHR1:5057421	SSF x LoA	-9,54999255	-0,060	0,316
CHR1	5058983	CHR1:5058983	SSF x LoA	-5,45508622	0,066	0,309
CHR1	5059021	CHR1:5059021	SSF x LoA	-9,27304414	0,033	0,311
CHR1	5059028	CHR1:5059028	SSF x LoA	-9,5932647	0,059	0,314
CHR1	5059035	CHR1:5059035	SSF x LoA	-11,4308837	-0,025	0,311
CHR1	5059042	CHR1:5059042	SSF x LoA	-8,33862245	-0,087	0,308
CHR1	5071216	CHR1:5071216	SSF x LoA	-7,77225673	0,046	0,307
CHR1	5071318	CHR1:5071318	SSF x LoA	-7,48167978	-0,027	0,312
CHR1	5078962	CHR1:5078962	SSF x LoA	-10,9167876	-0,018	0,302
CHR1	5078998	CHR1:5078998	SSF x LoA	-9,85937482	0,015	0,321
CHR1	5079069	CHR1:5079069	SSF x LoA	-10,7637223	-0,081	0,301
CHR1	5079151	CHR1:5079151	SSF x LoA	-8,22904024	0,064	0,314
CHR1	5087374	CHR1:5087374	SSF x LoA	-11,6493212	0,012	0,302
CHR1	5087400	CHR1:5087400	SSF x LoA	-9,86274864	-0,120	0,308
CHR1	5087502	CHR1:5087502	SSF x LoA	-10,3229888	-0,075	0,312
CHR1	5087715	CHR1:5087715	SSF x LoA	-7,76912835	-0,072	0,298
CHR1	5088722	CHR1:5088722	SSF x LoA	-9,41562524	-0,012	0,310
CHR1	5088752	CHR1:5088752	SSF x LoA	-5,68076707	-0,058	0,321
CHR1	5090537	CHR1:5090537	SSF x LoA	-10,1317689	-0,024	0,315
CHR1	5090571	CHR1:5090571	SSF x LoA	-9,4081761	0,072	0,315

CHR1	5090575	CHR1:5090575	SSF x LoA	-8,55998908	0,132	0,305
CHR1	5090657	CHR1:5090657	SSF x LoA	-7,46831614	0,127	0,286
CHR1	5097462	CHR1:5097462	SSF x LoA	-11,5739285	-0,018	0,295
CHR1	5097830	CHR1:5097830	SSF x LoA	-7,13684064	0,117	0,306
CHR1	5103602	CHR1:5103602	SSF x LoA	-11,1184769	0,018	0,306
CHR1	5103616	CHR1:5103616	SSF x LoA	-6,7831564	0,019	0,288
CHR1	5103757	CHR1:5103757	SSF x LoA	-7,54088455	0,127	0,301
CHR1	5105072	CHR1:5105072	SSF x LoA	-8,32918032	-0,108	0,310
CHR1	5106251	CHR1:5106251	SSF x LoA	-10,3731343	0,038	0,318
CHR1	5106340	CHR1:5106340	SSF x LoA	-11,3172031	-0,037	0,295
CHR1	5106396	CHR1:5106396	SSF x LoA	-9,44349149	0,052	0,302
CHR1	5110953	CHR1:5110953	SSF x LoA	-11,2915069	-0,018	0,308
CHR1	5113843	CHR1:5113843	SSF x LoA	-10,4353539	-0,098	0,297
CHR1	5114137	CHR1:5114137	SSF x LoA	-11,7580787	-0,044	0,295
CHR1	5120016	CHR1:5120016	SSF x LoA	-10,2313404	0,116	0,307
CHR1	5120202	CHR1:5120202	SSF x LoA	-9,49530769	-0,089	0,296
CHR1	5121849	CHR1:5121849	SSF x LoA	-9,95704219	-0,033	0,306
CHR1	5121888	CHR1:5121888	SSF x LoA	-9,36463537	0,010	0,305
CHR1	512588	CHR1:512588	SSF x LoA	-11,7477039	0,056	0,298
CHR1	5142311	CHR1:5142311	SSF x LoA	-8,16493669	0,039	0,323
CHR1	5142315	CHR1:5142315	SSF x LoA	-1,77094407	0,002	0,302
CHR1	5142363	CHR1:5142363	SSF x LoA	-9,42595488	-0,041	0,312
CHR1	5150663	CHR1:5150663	SSF x LoA	-10,1434622	0,118	0,297
CHR1	5150747	CHR1:5150747	SSF x LoA	-8,86479271	0,124	0,309
CHR1	5157750	CHR1:5157750	SSF x LoA	-9,360312	0,017	0,308
CHR1	5157773	CHR1:5157773	SSF x LoA	-5,03109605	0,038	0,309
CHR1	5179603	CHR1:5179603	SSF x LoA	-9,20429582	-0,081	0,294
CHR1	5186438	CHR1:5186438	SSF x LoA	-8,50987538	-0,020	0,315
CHR1	5225242	CHR1:5225242	SSF x LoA	-9,6459927	-0,128	0,299
CHR1	523748	CHR1:523748	SSF x LoA	-9,0209141	-0,023	0,307
CHR1	523835	CHR1:523835	SSF x LoA	-7,2819211	0,214	0,291
CHR1	5256657	CHR1:5256657	SSF x LoA	-9,84092678	-0,098	0,315
CHR1	5256700	CHR1:5256700	SSF x LoA	-7,91458854	0,010	0,312
CHR1	5260375	CHR1:5260375	SSF x LoA	-1,77094899	-0,109	0,303
CHR1	5260397	CHR1:5260397	SSF x LoA	-8,74373505	-0,096	0,307
CHR1	5260408	CHR1:5260408	SSF x LoA	-9,06757813	-0,069	0,307
CHR1	5260431	CHR1:5260431	SSF x LoA	-9,46814884	-0,021	0,310
CHR1	5260536	CHR1:5260536	SSF x LoA	-8,13342276	-0,114	0,302
CHR1	5260560	CHR1:5260560	SSF x LoA	-8,31386601	-0,088	0,311
CHR1	5260573	CHR1:5260573	SSF x LoA	-8,21379013	0,100	0,305
CHR1	5260593	CHR1:5260593	SSF x LoA	-8,42221505	-0,083	0,312
CHR1	5268273	CHR1:5268273	SSF x LoA	-10,7244019	-0,072	0,312
CHR1	5268405	CHR1:5268405	SSF x LoA	-9,48202079	0,115	0,304
CHR1	5268463	CHR1:5268463	SSF x LoA	-7,97771185	0,099	0,303
CHR1	5274194	CHR1:5274194	SSF x LoA	-7,59425118	0,160	0,294
CHR1	5274195	CHR1:5274195	SSF x LoA	-5,85288022	-0,089	0,295
CHR1	5274202	CHR1:5274202	SSF x LoA	-6,34050405	0,183	0,287
CHR1	5274322	CHR1:5274322	SSF x LoA	-7,41965733	-0,108	0,306
CHR1	5277577	CHR1:5277577	SSF x LoA	-7,60415282	-0,123	0,303
CHR1	5279896	CHR1:5279896	SSF x LoA	-4,80828791	-0,212	0,283
CHR1	5279949	CHR1:5279949	SSF x LoA	-8,36517947	0,098	0,297
CHR1	5298984	CHR1:5298984	SSF x LoA	-8,81850715	-0,037	0,310
CHR1	5305606	CHR1:5305606	SSF x LoA	-11,983805	0,017	0,292

CHR1	5308572	CHR1:5308572	SSF x LoA	-6,76658059	-0,074	0,307
CHR1	5308613	CHR1:5308613	SSF x LoA	-7,16912784	0,071	0,308
CHR1	5308625	CHR1:5308625	SSF x LoA	-8,95569734	-0,066	0,289
CHR1	5308753	CHR1:5308753	SSF x LoA	-8,49816819	0,060	0,289
CHR1	5325647	CHR1:5325647	SSF x LoA	-10,7614206	-0,045	0,316
CHR1	5325794	CHR1:5325794	SSF x LoA	-9,7341581	-0,037	0,310
CHR1	5342330	CHR1:5342330	SSF x LoA	-7,83156043	-0,051	0,309
CHR1	5374016	CHR1:5374016	SSF x LoA	-6,82797398	-0,085	0,306
CHR1	5374058	CHR1:5374058	SSF x LoA	-10,1899989	-0,013	0,313
CHR1	5378422	CHR1:5378422	SSF x LoA	-4,85382616	0,115	0,314
CHR1	5378440	CHR1:5378440	SSF x LoA	-7,73175786	0,110	0,305
CHR1	5378447	CHR1:5378447	SSF x LoA	-6,97809219	0,121	0,311
CHR1	5380509	CHR1:5380509	SSF x LoA	-12,3053973	0,021	0,302
CHR1	5384631	CHR1:5384631	SSF x LoA	-10,2240451	-0,084	0,309
CHR1	5387062	CHR1:5387062	SSF x LoA	-11,7010354	0,004	0,308
CHR1	5387097	CHR1:5387097	SSF x LoA	-8,93168672	0,077	0,311
CHR1	5392827	CHR1:5392827	SSF x LoA	-8,20403142	-0,179	0,305
CHR1	5392915	CHR1:5392915	SSF x LoA	-5,97340027	-0,151	0,276
CHR1	5405799	CHR1:5405799	SSF x LoA	-10,5766022	0,020	0,306
CHR1	5405888	CHR1:5405888	SSF x LoA	-9,3709898	0,002	0,318
CHR1	5409684	CHR1:5409684	SSF x LoA	-10,8656089	0,004	0,290
CHR1	5409802	CHR1:5409802	SSF x LoA	-10,2030321	-0,061	0,308
CHR1	541566	CHR1:541566	SSF x LoA	-10,7980822	-0,136	0,300
CHR1	5416660	CHR1:5416660	SSF x LoA	-8,35490481	0,085	0,303
CHR1	5416900	CHR1:5416900	SSF x LoA	-8,68075419	0,071	0,297
CHR1	5420411	CHR1:5420411	SSF x LoA	-9,88307893	-0,001	0,303
CHR1	5423921	CHR1:5423921	SSF x LoA	-10,8240967	0,004	0,298
CHR1	5429277	CHR1:5429277	SSF x LoA	-9,60484079	0,066	0,300
CHR1	5429346	CHR1:5429346	SSF x LoA	-8,5575756	0,143	0,289
CHR1	5447448	CHR1:5447448	SSF x LoA	-10,3199212	0,032	0,309
CHR1	5458925	CHR1:5458925	SSF x LoA	-11,0112262	-0,108	0,307
CHR1	5458928	CHR1:5458928	SSF x LoA	-8,15917403	0,075	0,292
CHR1	5458960	CHR1:5458960	SSF x LoA	-9,27154921	0,071	0,318
CHR1	5477764	CHR1:5477764	SSF x LoA	-4,18699511	0,076	0,325
CHR1	5477772	CHR1:5477772	SSF x LoA	-11,6677262	0,035	0,308
CHR1	5477773	CHR1:5477773	SSF x LoA	-9,12499372	-0,011	0,303
CHR1	5477861	CHR1:5477861	SSF x LoA	-9,09014275	0,042	0,300
CHR1	5477867	CHR1:5477867	SSF x LoA	-11,3931519	-0,011	0,296
CHR1	5481	CHR1:5481	SSF x LoA	-10,4156244	-0,003	0,311
CHR1	5487637	CHR1:5487637	SSF x LoA	0,84715234	0,042	0,295
CHR1	5492476	CHR1:5492476	SSF x LoA	-12,0679746	-0,018	0,312
CHR1	5511723	CHR1:5511723	SSF x LoA	-8,78579364	0,112	0,291
CHR1	5511746	CHR1:5511746	SSF x LoA	-11,5861976	-0,006	0,306
CHR1	5511757	CHR1:5511757	SSF x LoA	-7,26266632	0,122	0,307
CHR1	5511792	CHR1:5511792	SSF x LoA	-9,24745972	0,016	0,302
CHR1	5511793	CHR1:5511793	SSF x LoA	-9,01370631	0,028	0,304
CHR1	5511830	CHR1:5511830	SSF x LoA	-8,66588113	-0,025	0,315
CHR1	5511906	CHR1:5511906	SSF x LoA	-1,66239697	-0,059	0,310
CHR1	5533288	CHR1:5533288	SSF x LoA	-10,483642	0,005	0,319
CHR1	5539254	CHR1:5539254	SSF x LoA	-7,60948786	0,149	0,291
CHR1	554154	CHR1:554154	SSF x LoA	-9,76132842	0,110	0,313
CHR1	5545951	CHR1:5545951	SSF x LoA	-8,36581742	-0,067	0,313
CHR1	5547773	CHR1:5547773	SSF x LoA	-10,4299104	0,064	0,309

CHR1	5547790	CHR1:5547790	SSF x LoA	-7,11314367	-0,061	0,305
CHR1	5547843	CHR1:5547843	SSF x LoA	-10,6098973	0,009	0,310
CHR1	5547903	CHR1:5547903	SSF x LoA	-9,69007038	-0,119	0,301
CHR1	5551485	CHR1:5551485	SSF x LoA	-10,4816115	0,087	0,308
CHR1	5551495	CHR1:5551495	SSF x LoA	-10,1762959	-0,015	0,304
CHR1	5553503	CHR1:5553503	SSF x LoA	-6,54563783	0,150	0,305
CHR1	5553590	CHR1:5553590	SSF x LoA	-4,26275593	0,173	0,300
CHR1	5553643	CHR1:5553643	SSF x LoA	-10,5985961	0,034	0,292
CHR1	5557334	CHR1:5557334	SSF x LoA	-9,01419596	0,110	0,292
CHR1	5557363	CHR1:5557363	SSF x LoA	-8,36798423	0,069	0,300
CHR1	5573497	CHR1:5573497	SSF x LoA	-11,8738186	-0,025	0,303
CHR1	557496	CHR1:557496	SSF x LoA	-8,11888988	0,152	0,314
CHR1	557558	CHR1:557558	SSF x LoA	-11,0993292	0,043	0,309
CHR1	557561	CHR1:557561	SSF x LoA	-8,13685066	0,067	0,300
CHR1	5578297	CHR1:5578297	SSF x LoA	-9,69709653	-0,045	0,308
CHR1	5578310	CHR1:5578310	SSF x LoA	-11,6369461	0,041	0,300
CHR1	5591522	CHR1:5591522	SSF x LoA	-6,21358636	-0,158	0,296
CHR1	5591555	CHR1:5591555	SSF x LoA	-9,39223631	-0,041	0,299
CHR1	5591581	CHR1:5591581	SSF x LoA	-7,69959282	0,011	0,317
CHR1	5591637	CHR1:5591637	SSF x LoA	-8,63306625	-0,058	0,318
CHR1	5591638	CHR1:5591638	SSF x LoA	-10,8137654	0,097	0,300
CHR1	5599086	CHR1:5599086	SSF x LoA	-10,8010456	-0,067	0,295
CHR1	5599281	CHR1:5599281	SSF x LoA	-9,43381554	-0,003	0,317
CHR1	5606	CHR1:5606	SSF x LoA	-10,0530163	-0,017	0,311
CHR1	5617113	CHR1:5617113	SSF x LoA	-9,03550484	-0,006	0,320
CHR1	5617311	CHR1:5617311	SSF x LoA	-7,89039501	0,151	0,306
CHR1	5625197	CHR1:5625197	SSF x LoA	-11,5312752	0,003	0,305
CHR1	5625258	CHR1:5625258	SSF x LoA	-10,0748833	0,068	0,314
CHR1	5625356	CHR1:5625356	SSF x LoA	-8,20261096	0,101	0,309
CHR1	5625374	CHR1:5625374	SSF x LoA	-2,77192608	-0,070	0,310
CHR1	5625385	CHR1:5625385	SSF x LoA	-12,1806932	0,019	0,301
CHR1	5638217	CHR1:5638217	SSF x LoA	-11,78061	-0,002	0,302
CHR1	5639189	CHR1:5639189	SSF x LoA	-9,90447739	0,045	0,313
CHR1	5644056	CHR1:5644056	SSF x LoA	-6,59584203	0,146	0,305
CHR1	5644272	CHR1:5644272	SSF x LoA	-7,23368451	0,058	0,299
CHR1	5644406	CHR1:5644406	SSF x LoA	-9,31329968	-0,023	0,306
CHR1	565119	CHR1:565119	SSF x LoA	-9,1223228	0,144	0,293
CHR1	565293	CHR1:565293	SSF x LoA	-6,9062397	-0,109	0,299
CHR1	5660234	CHR1:5660234	SSF x LoA	-10,853885	-0,026	0,304
CHR1	5660235	CHR1:5660235	SSF x LoA	-9,44665329	-0,002	0,307
CHR1	5660243	CHR1:5660243	SSF x LoA	-8,92496937	-0,003	0,313
CHR1	5660289	CHR1:5660289	SSF x LoA	-9,08414337	-0,060	0,317
CHR1	5660369	CHR1:5660369	SSF x LoA	-9,14452115	0,045	0,315
CHR1	5660384	CHR1:5660384	SSF x LoA	-9,2426851	0,023	0,295
CHR1	5660412	CHR1:5660412	SSF x LoA	2,28205879	-0,148	0,296
CHR1	5660432	CHR1:5660432	SSF x LoA	-9,33131591	0,042	0,310
CHR1	5660433	CHR1:5660433	SSF x LoA	-9,70963585	0,052	0,321
CHR1	5660461	CHR1:5660461	SSF x LoA	-9,15912663	0,004	0,307
CHR1	5667650	CHR1:5667650	SSF x LoA	-11,0715273	0,013	0,303
CHR1	5667849	CHR1:5667849	SSF x LoA	-10,7079805	0,056	0,300
CHR1	567596	CHR1:567596	SSF x LoA	-8,12837073	0,056	0,317
CHR1	567631	CHR1:567631	SSF x LoA	-9,93366173	-0,126	0,312
CHR1	567707	CHR1:567707	SSF x LoA	-10,5308744	0,009	0,295

CHR1	5678747	CHR1:5678747	SSF x LoA	-11,5753933	0,071	0,302
CHR1	5678895	CHR1:5678895	SSF x LoA	-6,41745049	0,028	0,309
CHR1	5684341	CHR1:5684341	SSF x LoA	-12,1844915	0,040	0,299
CHR1	5684529	CHR1:5684529	SSF x LoA	-9,59061162	-0,099	0,313
CHR1	569071	CHR1:569071	SSF x LoA	-7,39290811	-0,073	0,297
CHR1	5703191	CHR1:5703191	SSF x LoA	-6,96187508	0,194	0,287
CHR1	5710882	CHR1:5710882	SSF x LoA	-10,4763093	-0,089	0,311
CHR1	5711101	CHR1:5711101	SSF x LoA	-10,7770858	0,040	0,302
CHR1	5717030	CHR1:5717030	SSF x LoA	-6,63444888	-0,171	0,300
CHR1	5719655	CHR1:5719655	SSF x LoA	-9,88288155	-0,030	0,319
CHR1	572619	CHR1:572619	SSF x LoA	-8,42194775	-0,083	0,306
CHR1	5730003	CHR1:5730003	SSF x LoA	-8,89179005	-0,059	0,303
CHR1	5730034	CHR1:5730034	SSF x LoA	-11,5239556	-0,049	0,311
CHR1	5730060	CHR1:5730060	SSF x LoA	-8,93842169	-0,127	0,296
CHR1	5744663	CHR1:5744663	SSF x LoA	-7,91937343	0,049	0,326
CHR1	5751056	CHR1:5751056	SSF x LoA	-8,88055454	0,071	0,304
CHR1	5751113	CHR1:5751113	SSF x LoA	-11,306835	-0,084	0,308
CHR1	5751515	CHR1:5751515	SSF x LoA	-8,79024863	0,073	0,299
CHR1	5757472	CHR1:5757472	SSF x LoA	-10,8086657	-0,029	0,322
CHR1	5773069	CHR1:5773069	SSF x LoA	-8,95826328	0,108	0,311
CHR1	5783450	CHR1:5783450	SSF x LoA	-7,13103895	-0,042	0,320
CHR1	5783506	CHR1:5783506	SSF x LoA	-7,77930255	0,086	0,310
CHR1	5783642	CHR1:5783642	SSF x LoA	-7,89662086	-0,063	0,312
CHR1	5785489	CHR1:5785489	SSF x LoA	-11,435254	0,035	0,296
CHR1	5793146	CHR1:5793146	SSF x LoA	-10,7778282	0,055	0,318
CHR1	5808307	CHR1:5808307	SSF x LoA	-8,04196133	0,036	0,313
CHR1	5808325	CHR1:5808325	SSF x LoA	-8,61553539	0,078	0,315
CHR1	5826799	CHR1:5826799	SSF x LoA	-10,9094716	-0,043	0,313
CHR1	5826931	CHR1:5826931	SSF x LoA	-8,37254857	0,072	0,297
CHR1	5827006	CHR1:5827006	SSF x LoA	-9,77336074	0,030	0,312
CHR1	5827013	CHR1:5827013	SSF x LoA	-11,518685	0,002	0,313
CHR1	585531	CHR1:585531	SSF x LoA	-10,0743624	0,054	0,306
CHR1	585535	CHR1:585535	SSF x LoA	-11,0005344	-0,048	0,305
CHR1	585595	CHR1:585595	SSF x LoA	-9,45997061	0,023	0,305
CHR1	585693	CHR1:585693	SSF x LoA	-8,36063561	-0,062	0,311
CHR1	5865675	CHR1:5865675	SSF x LoA	-8,67221009	-0,075	0,297
CHR1	5865698	CHR1:5865698	SSF x LoA	-11,6363236	0,041	0,298
CHR1	5865722	CHR1:5865722	SSF x LoA	-9,89237308	0,065	0,302
CHR1	5865767	CHR1:5865767	SSF x LoA	-8,42034379	0,036	0,320
CHR1	5865780	CHR1:5865780	SSF x LoA	-11,9643422	-0,019	0,306
CHR1	5865804	CHR1:5865804	SSF x LoA	-8,16715627	-0,021	0,313
CHR1	5870957	CHR1:5870957	SSF x LoA	-7,67266023	-0,005	0,307
CHR1	5870982	CHR1:5870982	SSF x LoA	-4,27268652	-0,097	0,303
CHR1	5870998	CHR1:5870998	SSF x LoA	-8,62435663	0,108	0,297
CHR1	5871181	CHR1:5871181	SSF x LoA	-7,40796817	0,111	0,312
CHR1	5878501	CHR1:5878501	SSF x LoA	-10,2205762	-0,014	0,301
CHR1	5886238	CHR1:5886238	SSF x LoA	-8,69354103	-0,131	0,314
CHR1	5886250	CHR1:5886250	SSF x LoA	-5,94281158	-0,186	0,286
CHR1	5886359	CHR1:5886359	SSF x LoA	-9,29334337	-0,123	0,306
CHR1	5886383	CHR1:5886383	SSF x LoA	-7,2140145	0,100	0,293
CHR1	5886387	CHR1:5886387	SSF x LoA	-10,2774944	0,037	0,301
CHR1	5886397	CHR1:5886397	SSF x LoA	-9,00874796	0,069	0,302
CHR1	5886405	CHR1:5886405	SSF x LoA	-8,44847702	0,055	0,306

CHR1	5886407	CHR1:5886407	SSF x LoA	-8,31811235	0,120	0,293
CHR1	5886426	CHR1:5886426	SSF x LoA	-7,34239347	0,141	0,306
CHR1	5895649	CHR1:5895649	SSF x LoA	-10,5869481	-0,009	0,302
CHR1	5895682	CHR1:5895682	SSF x LoA	-10,4191298	0,062	0,307
CHR1	5895692	CHR1:5895692	SSF x LoA	-5,97026252	0,111	0,288
CHR1	5895760	CHR1:5895760	SSF x LoA	-4,0822437	-0,080	0,298
CHR1	5895833	CHR1:5895833	SSF x LoA	-10,1065556	-0,002	0,308
CHR1	5901709	CHR1:5901709	SSF x LoA	-8,15086746	0,040	0,302
CHR1	5901935	CHR1:5901935	SSF x LoA	-8,84472352	0,005	0,291
CHR1	5904948	CHR1:5904948	SSF x LoA	-7,01762489	0,108	0,312
CHR1	5905252	CHR1:5905252	SSF x LoA	-8,49865777	0,022	0,298
CHR1	5905253	CHR1:5905253	SSF x LoA	-10,6564616	-0,022	0,310
CHR1	5905254	CHR1:5905254	SSF x LoA	-11,1567127	-0,031	0,306
CHR1	592946	CHR1:592946	SSF x LoA	-9,5039597	0,038	0,307
CHR1	593088	CHR1:593088	SSF x LoA	-6,44993064	0,085	0,312
CHR1	593285	CHR1:593285	SSF x LoA	-9,60520628	0,072	0,310
CHR1	5937054	CHR1:5937054	SSF x LoA	-9,13294326	-0,156	0,310
CHR1	5937203	CHR1:5937203	SSF x LoA	-11,8577005	0,069	0,304
CHR1	5937225	CHR1:5937225	SSF x LoA	-8,25480528	-0,004	0,309
CHR1	5941901	CHR1:5941901	SSF x LoA	-11,9736674	-0,026	0,302
CHR1	5941913	CHR1:5941913	SSF x LoA	-10,9533104	-0,027	0,298
CHR1	5947153	CHR1:5947153	SSF x LoA	-9,81636253	0,122	0,294
CHR1	5947343	CHR1:5947343	SSF x LoA	-10,7540886	0,109	0,305
CHR1	5947371	CHR1:5947371	SSF x LoA	-9,37603446	-0,033	0,305
CHR1	5948870	CHR1:5948870	SSF x LoA	-5,61765375	-0,120	0,295
CHR1	5948871	CHR1:5948871	SSF x LoA	-5,94098615	-0,088	0,299
CHR1	5949011	CHR1:5949011	SSF x LoA	-8,08567451	-0,116	0,292
CHR1	5995812	CHR1:5995812	SSF x LoA	-9,6853197	-0,053	0,301
CHR1	5995911	CHR1:5995911	SSF x LoA	-8,43956667	-0,046	0,320
CHR1	5998505	CHR1:5998505	SSF x LoA	-6,17249779	-0,026	0,309
CHR1	6012411	CHR1:6012411	SSF x LoA	-10,9652994	0,087	0,303
CHR1	6014299	CHR1:6014299	SSF x LoA	-9,47745095	-0,081	0,320
CHR1	6014300	CHR1:6014300	SSF x LoA	-8,90997985	-0,073	0,301
CHR1	6017020	CHR1:6017020	SSF x LoA	-10,0729132	-0,046	0,308
CHR1	6017218	CHR1:6017218	SSF x LoA	-8,82989844	0,009	0,291
CHR1	6017273	CHR1:6017273	SSF x LoA	-11,6870582	-0,027	0,316
CHR1	6059475	CHR1:6059475	SSF x LoA	-11,6312622	0,041	0,316
CHR1	6062905	CHR1:6062905	SSF x LoA	-9,03443851	-0,135	0,313
CHR1	6065517	CHR1:6065517	SSF x LoA	-7,92131032	0,116	0,296
CHR1	6065708	CHR1:6065708	SSF x LoA	-8,12144625	0,095	0,296
CHR1	6065710	CHR1:6065710	SSF x LoA	-8,42277829	0,083	0,294
CHR1	6079570	CHR1:6079570	SSF x LoA	-9,66754488	0,125	0,304
CHR1	6079614	CHR1:6079614	SSF x LoA	-10,0079788	0,024	0,294
CHR1	6085104	CHR1:6085104	SSF x LoA	-10,4652639	0,017	0,312
CHR1	6085239	CHR1:6085239	SSF x LoA	-9,30930283	0,094	0,300
CHR1	6085337	CHR1:6085337	SSF x LoA	-12,0850231	-0,075	0,302
CHR1	6092555	CHR1:6092555	SSF x LoA	-8,8380483	0,117	0,305
CHR1	6092697	CHR1:6092697	SSF x LoA	-9,60699559	0,030	0,307
CHR1	6092727	CHR1:6092727	SSF x LoA	-7,40504906	-0,116	0,302
CHR1	6092766	CHR1:6092766	SSF x LoA	-5,57418775	0,054	0,311
CHR1	6092801	CHR1:6092801	SSF x LoA	-12,239945	0,021	0,297
CHR1	6092818	CHR1:6092818	SSF x LoA	-10,9768131	0,038	0,312
CHR1	6096674	CHR1:6096674	SSF x LoA	-11,0689066	-0,023	0,288

CHR1	6096711	CHR1:6096711	SSF x LoA	-10,2298791	0,028	0,316
CHR1	6096719	CHR1:6096719	SSF x LoA	-10,3567805	0,031	0,308
CHR1	6103620	CHR1:6103620	SSF x LoA	-10,5880749	0,003	0,287
CHR1	6110426	CHR1:6110426	SSF x LoA	-7,4431904	0,014	0,314
CHR1	6110434	CHR1:6110434	SSF x LoA	-7,4650141	0,134	0,303
CHR1	6112543	CHR1:6112543	SSF x LoA	-9,51454544	-0,036	0,296
CHR1	6122902	CHR1:6122902	SSF x LoA	-6,36951087	-0,052	0,317
CHR1	6122904	CHR1:6122904	SSF x LoA	-10,3737151	-0,002	0,299
CHR1	6125503	CHR1:6125503	SSF x LoA	-9,41593983	-0,025	0,311
CHR1	6125557	CHR1:6125557	SSF x LoA	-9,5090682	0,089	0,305
CHR1	6125561	CHR1:6125561	SSF x LoA	-8,9713635	0,025	0,300
CHR1	6127173	CHR1:6127173	SSF x LoA	-11,9471716	0,026	0,301
CHR1	6127179	CHR1:6127179	SSF x LoA	-6,04860167	0,105	0,312
CHR1	6127188	CHR1:6127188	SSF x LoA	-5,39429926	0,225	0,298
CHR1	6127207	CHR1:6127207	SSF x LoA	7,13153844	-0,129	0,304
CHR1	6127215	CHR1:6127215	SSF x LoA	-3,786798	0,173	0,305
CHR1	6127217	CHR1:6127217	SSF x LoA	-7,5485068	0,181	0,296
CHR1	6127234	CHR1:6127234	SSF x LoA	-2,58162125	-0,057	0,316
CHR1	6127256	CHR1:6127256	SSF x LoA	-11,8068789	0,061	0,301
CHR1	6127294	CHR1:6127294	SSF x LoA	-5,24713139	0,149	0,299
CHR1	6131788	CHR1:6131788	SSF x LoA	-11,7586906	-0,006	0,305
CHR1	6131808	CHR1:6131808	SSF x LoA	-8,18529844	-0,025	0,305
CHR1	6131832	CHR1:6131832	SSF x LoA	-7,11876027	-0,104	0,314
CHR1	6131881	CHR1:6131881	SSF x LoA	-8,08448167	0,017	0,306
CHR1	6131888	CHR1:6131888	SSF x LoA	-11,163098	0,013	0,324
CHR1	6137132	CHR1:6137132	SSF x LoA	-9,80476568	-0,110	0,305
CHR1	6137217	CHR1:6137217	SSF x LoA	-10,2794754	0,089	0,307
CHR1	6137235	CHR1:6137235	SSF x LoA	-10,5364855	0,042	0,304
CHR1	6147133	CHR1:6147133	SSF x LoA	-9,568461	0,036	0,299
CHR1	6147637	CHR1:6147637	SSF x LoA	-7,23891007	-0,081	0,308
CHR1	614996	CHR1:614996	SSF x LoA	-9,83111339	0,113	0,323
CHR1	615057	CHR1:615057	SSF x LoA	-10,3301368	-0,064	0,304
CHR1	6154957	CHR1:6154957	SSF x LoA	-7,20048398	-0,076	0,315
CHR1	6155018	CHR1:6155018	SSF x LoA	-10,5073579	-0,075	0,315
CHR1	6155183	CHR1:6155183	SSF x LoA	-10,8448667	-0,021	0,299
CHR1	6155277	CHR1:6155277	SSF x LoA	-10,9197365	-0,034	0,301
CHR1	6158240	CHR1:6158240	SSF x LoA	-6,60441252	-0,171	0,305
CHR1	6158255	CHR1:6158255	SSF x LoA	-6,5988495	-0,090	0,302
CHR1	6158273	CHR1:6158273	SSF x LoA	-3,02430175	-0,166	0,294
CHR1	6165648	CHR1:6165648	SSF x LoA	-7,09981361	-0,063	0,319
CHR1	6166285	CHR1:6166285	SSF x LoA	-8,27481024	-0,001	0,304
CHR1	6166292	CHR1:6166292	SSF x LoA	-9,01920811	-0,142	0,303
CHR1	6166315	CHR1:6166315	SSF x LoA	-8,85322202	0,079	0,311
CHR1	6166344	CHR1:6166344	SSF x LoA	-11,5338878	-0,074	0,299
CHR1	6168874	CHR1:6168874	SSF x LoA	-8,66854169	0,109	0,306
CHR1	6173152	CHR1:6173152	SSF x LoA	-9,02727003	-0,005	0,309
CHR1	6173170	CHR1:6173170	SSF x LoA	-8,54428224	-0,042	0,316
CHR1	6173208	CHR1:6173208	SSF x LoA	-6,84385774	0,020	0,319
CHR1	6173221	CHR1:6173221	SSF x LoA	-12,0153642	0,047	0,301
CHR1	6176989	CHR1:6176989	SSF x LoA	-7,88426978	-0,071	0,312
CHR1	6177036	CHR1:6177036	SSF x LoA	-10,9748872	0,004	0,313
CHR1	6177053	CHR1:6177053	SSF x LoA	-9,87685298	0,081	0,301
CHR1	6177060	CHR1:6177060	SSF x LoA	-11,3082961	-0,048	0,312

CHR1	6177074	CHR1:6177074	SSF x LoA	-5,88011033	-0,074	0,301
CHR1	6177119	CHR1:6177119	SSF x LoA	-11,5368206	0,030	0,304
CHR1	6177150	CHR1:6177150	SSF x LoA	-9,27607751	0,037	0,323
CHR1	6177153	CHR1:6177153	SSF x LoA	-11,4354717	0,055	0,301
CHR1	6190602	CHR1:6190602	SSF x LoA	-9,77595691	0,048	0,301
CHR1	6190635	CHR1:6190635	SSF x LoA	-7,36921249	0,074	0,308
CHR1	619557	CHR1:619557	SSF x LoA	-8,82845262	0,013	0,310
CHR1	6199484	CHR1:6199484	SSF x LoA	-10,69464	-0,094	0,307
CHR1	6204385	CHR1:6204385	SSF x LoA	7,58716565	-0,082	0,301
CHR1	6204391	CHR1:6204391	SSF x LoA	-9,32090686	-0,022	0,297
CHR1	6204518	CHR1:6204518	SSF x LoA	-7,96834258	0,062	0,310
CHR1	6204541	CHR1:6204541	SSF x LoA	-11,503667	0,027	0,317
CHR1	6218340	CHR1:6218340	SSF x LoA	-6,90142723	-0,127	0,305
CHR1	6218391	CHR1:6218391	SSF x LoA	-9,736394	-0,005	0,299
CHR1	6218419	CHR1:6218419	SSF x LoA	-8,70824585	0,110	0,300
CHR1	6218424	CHR1:6218424	SSF x LoA	-8,6616376	0,030	0,318
CHR1	6218499	CHR1:6218499	SSF x LoA	-10,0965811	0,011	0,306
CHR1	6218516	CHR1:6218516	SSF x LoA	-8,28419176	0,070	0,303
CHR1	6222041	CHR1:6222041	SSF x LoA	-8,07317445	0,037	0,316
CHR1	622942	CHR1:622942	SSF x LoA	-9,31940135	-0,074	0,308
CHR1	623219	CHR1:623219	SSF x LoA	-9,67975197	-0,020	0,299
CHR1	623301	CHR1:623301	SSF x LoA	-9,24415158	-0,001	0,309
CHR1	6233225	CHR1:6233225	SSF x LoA	-8,59882434	0,085	0,300
CHR1	6233266	CHR1:6233266	SSF x LoA	-6,23034156	-0,168	0,299
CHR1	6233290	CHR1:6233290	SSF x LoA	-10,5575036	-0,033	0,310
CHR1	6233401	CHR1:6233401	SSF x LoA	-10,147869	-0,019	0,301
CHR1	6250869	CHR1:6250869	SSF x LoA	-8,55170995	-0,072	0,304
CHR1	6250896	CHR1:6250896	SSF x LoA	-7,64947004	-0,113	0,307
CHR1	6250914	CHR1:6250914	SSF x LoA	-8,9390161	0,092	0,313
CHR1	6265619	CHR1:6265619	SSF x LoA	-9,92988579	-0,016	0,312
CHR1	6267993	CHR1:6267993	SSF x LoA	-8,6386513	-0,033	0,307
CHR1	6268084	CHR1:6268084	SSF x LoA	-7,14728429	0,032	0,308
CHR1	6268167	CHR1:6268167	SSF x LoA	-9,17511923	0,012	0,304
CHR1	627993	CHR1:627993	SSF x LoA	-9,09614433	-0,019	0,300
CHR1	628036	CHR1:628036	SSF x LoA	-10,1620721	-0,105	0,298
CHR1	628046	CHR1:628046	SSF x LoA	-3,52097738	-0,137	0,296
CHR1	628119	CHR1:628119	SSF x LoA	-10,500406	-0,037	0,313
CHR1	6294614	CHR1:6294614	SSF x LoA	-11,2557234	-0,006	0,301
CHR1	6300369	CHR1:6300369	SSF x LoA	-7,43464742	-0,038	0,314
CHR1	6301168	CHR1:6301168	SSF x LoA	-5,0111651	0,071	0,304
CHR1	6301219	CHR1:6301219	SSF x LoA	-10,8763288	0,050	0,303
CHR1	6301246	CHR1:6301246	SSF x LoA	-7,72260764	0,041	0,308
CHR1	6303645	CHR1:6303645	SSF x LoA	-9,62059722	-0,023	0,312
CHR1	6303666	CHR1:6303666	SSF x LoA	-9,51312443	0,042	0,311
CHR1	6303667	CHR1:6303667	SSF x LoA	-9,57748264	0,044	0,305
CHR1	6306610	CHR1:6306610	SSF x LoA	-8,11903155	-0,140	0,308
CHR1	6306628	CHR1:6306628	SSF x LoA	-5,44077871	0,046	0,306
CHR1	6306648	CHR1:6306648	SSF x LoA	-11,4726338	0,021	0,309
CHR1	6308069	CHR1:6308069	SSF x LoA	-2,83453691	0,014	0,317
CHR1	6308152	CHR1:6308152	SSF x LoA	-10,4455086	-0,122	0,307
CHR1	6316188	CHR1:6316188	SSF x LoA	-11,9288587	-0,058	0,288
CHR1	6316189	CHR1:6316189	SSF x LoA	-8,78289979	-0,074	0,313
CHR1	6316259	CHR1:6316259	SSF x LoA	-8,94096289	0,041	0,300

CHR1	6319539	CHR1:6319539	SSF x LoA	-6,3927727	-0,127	0,300
CHR1	6319713	CHR1:6319713	SSF x LoA	-9,16545994	0,138	0,311
CHR1	6319728	CHR1:6319728	SSF x LoA	-9,7232073	0,110	0,299
CHR1	6320803	CHR1:6320803	SSF x LoA	-9,55088	0,059	0,316
CHR1	6320817	CHR1:6320817	SSF x LoA	-9,10015566	0,047	0,309
CHR1	6327371	CHR1:6327371	SSF x LoA	-10,6315376	0,028	0,299
CHR1	6331517	CHR1:6331517	SSF x LoA	0,63107189	0,093	0,311
CHR1	6335636	CHR1:6335636	SSF x LoA	-11,3250465	-0,036	0,319
CHR1	6335717	CHR1:6335717	SSF x LoA	-11,0960849	-0,072	0,306
CHR1	6335723	CHR1:6335723	SSF x LoA	-7,00190606	0,130	0,303
CHR1	6335731	CHR1:6335731	SSF x LoA	-10,3831455	-0,058	0,304
CHR1	6335751	CHR1:6335751	SSF x LoA	-8,17043692	-0,033	0,312
CHR1	6335763	CHR1:6335763	SSF x LoA	-11,9109421	-0,026	0,303
CHR1	6335783	CHR1:6335783	SSF x LoA	-7,9506225	0,006	0,302
CHR1	6335787	CHR1:6335787	SSF x LoA	-10,521582	-0,017	0,312
CHR1	6343349	CHR1:6343349	SSF x LoA	-6,9737774	-0,155	0,297
CHR1	6343382	CHR1:6343382	SSF x LoA	-8,00936865	-0,009	0,296
CHR1	6343581	CHR1:6343581	SSF x LoA	-6,96162131	0,175	0,305
CHR1	6351243	CHR1:6351243	SSF x LoA	-11,3426875	0,027	0,304
CHR1	6353096	CHR1:6353096	SSF x LoA	-10,3011863	0,033	0,304
CHR1	6353110	CHR1:6353110	SSF x LoA	-10,0987159	0,038	0,308
CHR1	6353132	CHR1:6353132	SSF x LoA	-4,76109885	-0,075	0,302
CHR1	6353144	CHR1:6353144	SSF x LoA	-10,2251862	0,100	0,314
CHR1	6353147	CHR1:6353147	SSF x LoA	-6,54632031	0,048	0,308
CHR1	6353202	CHR1:6353202	SSF x LoA	-11,1987748	0,001	0,310
CHR1	6353205	CHR1:6353205	SSF x LoA	-10,4779314	-0,016	0,316
CHR1	6353285	CHR1:6353285	SSF x LoA	-9,77646413	-0,030	0,315
CHR1	6370225	CHR1:6370225	SSF x LoA	-6,80154058	-0,049	0,306
CHR1	6370305	CHR1:6370305	SSF x LoA	-10,4181474	0,047	0,310
CHR1	6372305	CHR1:6372305	SSF x LoA	-8,78611563	0,088	0,308
CHR1	6372379	CHR1:6372379	SSF x LoA	-10,6370802	-0,015	0,319
CHR1	6372521	CHR1:6372521	SSF x LoA	-9,33729487	0,010	0,314
CHR1	6372536	CHR1:6372536	SSF x LoA	-11,6866475	0,011	0,291
CHR1	6376704	CHR1:6376704	SSF x LoA	-9,03774359	0,101	0,290
CHR1	6376723	CHR1:6376723	SSF x LoA	-8,51123293	-0,029	0,321
CHR1	6376738	CHR1:6376738	SSF x LoA	-10,5403707	0,065	0,287
CHR1	6376796	CHR1:6376796	SSF x LoA	-10,0106077	-0,002	0,308
CHR1	6376797	CHR1:6376797	SSF x LoA	-9,00338446	-0,065	0,300
CHR1	6376809	CHR1:6376809	SSF x LoA	-9,23068037	-0,060	0,309
CHR1	6376835	CHR1:6376835	SSF x LoA	-7,55682454	-0,169	0,296
CHR1	6378385	CHR1:6378385	SSF x LoA	-10,3727177	0,046	0,303
CHR1	6383871	CHR1:6383871	SSF x LoA	-11,2070811	-0,049	0,319
CHR1	6384012	CHR1:6384012	SSF x LoA	-9,85376821	0,051	0,295
CHR1	6384057	CHR1:6384057	SSF x LoA	-9,17161083	-0,062	0,301
CHR1	6384078	CHR1:6384078	SSF x LoA	-10,1914229	-0,042	0,297
CHR1	640248	CHR1:640248	SSF x LoA	-9,93517247	-0,011	0,308
CHR1	640259	CHR1:640259	SSF x LoA	-9,43680922	0,000	0,313
CHR1	640261	CHR1:640261	SSF x LoA	-10,3065997	0,006	0,294
CHR1	640384	CHR1:640384	SSF x LoA	-9,81008624	-0,033	0,295
CHR1	6415649	CHR1:6415649	SSF x LoA	-11,4581402	-0,088	0,301
CHR1	6415671	CHR1:6415671	SSF x LoA	-8,09151888	0,053	0,310
CHR1	6415675	CHR1:6415675	SSF x LoA	-10,7796158	0,007	0,308
CHR1	6415767	CHR1:6415767	SSF x LoA	-7,461456	0,052	0,296

CHR1	6415805	CHR1:6415805	SSF x LoA	-9,39068918	-0,033	0,303
CHR1	6415806	CHR1:6415806	SSF x LoA	-7,45865544	-0,037	0,303
CHR1	6415814	CHR1:6415814	SSF x LoA	-8,31215382	-0,060	0,295
CHR1	6415840	CHR1:6415840	SSF x LoA	-8,63116832	-0,087	0,310
CHR1	6415899	CHR1:6415899	SSF x LoA	-8,79796336	-0,031	0,317
CHR1	6419733	CHR1:6419733	SSF x LoA	-10,3255217	0,019	0,311
CHR1	6419778	CHR1:6419778	SSF x LoA	-11,1526951	0,003	0,318
CHR1	6419798	CHR1:6419798	SSF x LoA	-11,2865431	0,019	0,298
CHR1	6419827	CHR1:6419827	SSF x LoA	-10,0706397	0,088	0,300
CHR1	6419852	CHR1:6419852	SSF x LoA	-10,7543346	-0,005	0,300
CHR1	6424893	CHR1:6424893	SSF x LoA	-9,06316824	0,061	0,317
CHR1	6424943	CHR1:6424943	SSF x LoA	-1,61201355	-0,183	0,309
CHR1	6426230	CHR1:6426230	SSF x LoA	-8,81337111	-0,122	0,305
CHR1	642895	CHR1:642895	SSF x LoA	-6,67981993	0,128	0,304
CHR1	642944	CHR1:642944	SSF x LoA	-5,26563324	0,100	0,323
CHR1	642958	CHR1:642958	SSF x LoA	-4,6579625	-0,100	0,309
CHR1	642961	CHR1:642961	SSF x LoA	-6,91671607	-0,087	0,305
CHR1	642990	CHR1:642990	SSF x LoA	-8,14564233	-0,073	0,318
CHR1	643096	CHR1:643096	SSF x LoA	-12,1423394	-0,008	0,295
CHR1	6435715	CHR1:6435715	SSF x LoA	-9,58760705	-0,011	0,311
CHR1	6438772	CHR1:6438772	SSF x LoA	-9,35911056	-0,031	0,302
CHR1	6438777	CHR1:6438777	SSF x LoA	-9,42948737	-0,083	0,298
CHR1	6438782	CHR1:6438782	SSF x LoA	-9,57751174	-0,017	0,314
CHR1	6438799	CHR1:6438799	SSF x LoA	-6,27515053	-0,071	0,308
CHR1	6452426	CHR1:6452426	SSF x LoA	-10,9662971	0,006	0,301
CHR1	648321	CHR1:648321	SSF x LoA	-9,14372979	0,024	0,317
CHR1	6487191	CHR1:6487191	SSF x LoA	-11,1347162	-0,117	0,300
CHR1	6487235	CHR1:6487235	SSF x LoA	-9,32840973	0,076	0,300
CHR1	6487319	CHR1:6487319	SSF x LoA	-8,36098318	-0,019	0,304
CHR1	6487382	CHR1:6487382	SSF x LoA	-10,5622205	0,033	0,308
CHR1	6492778	CHR1:6492778	SSF x LoA	-10,2664387	0,002	0,305
CHR1	6492792	CHR1:6492792	SSF x LoA	-10,9079818	-0,007	0,316
CHR1	6498893	CHR1:6498893	SSF x LoA	-9,52193064	-0,026	0,298
CHR1	6498903	CHR1:6498903	SSF x LoA	-7,46982656	-0,043	0,307
CHR1	6499053	CHR1:6499053	SSF x LoA	-11,5477985	-0,014	0,313
CHR1	6512413	CHR1:6512413	SSF x LoA	-7,0738827	0,030	0,319
CHR1	6512527	CHR1:6512527	SSF x LoA	-8,32331155	0,084	0,307
CHR1	6512650	CHR1:6512650	SSF x LoA	-11,0998684	0,026	0,306
CHR1	6512652	CHR1:6512652	SSF x LoA	-8,82717553	-0,014	0,313
CHR1	6512663	CHR1:6512663	SSF x LoA	-11,0166749	0,039	0,297
CHR1	6512692	CHR1:6512692	SSF x LoA	-7,20434453	-0,041	0,306
CHR1	6523363	CHR1:6523363	SSF x LoA	-7,57454539	-0,013	0,308
CHR1	6525170	CHR1:6525170	SSF x LoA	-9,55151638	-0,007	0,313
CHR1	6525266	CHR1:6525266	SSF x LoA	-9,27904539	-0,140	0,299
CHR1	6528407	CHR1:6528407	SSF x LoA	-10,6850856	-0,008	0,310
CHR1	6528536	CHR1:6528536	SSF x LoA	-10,2623151	-0,063	0,307
CHR1	6528542	CHR1:6528542	SSF x LoA	-9,24892409	-0,003	0,301
CHR1	6528549	CHR1:6528549	SSF x LoA	-9,82865152	-0,008	0,304
CHR1	6528551	CHR1:6528551	SSF x LoA	-10,7558829	-0,004	0,300
CHR1	6528601	CHR1:6528601	SSF x LoA	-10,2138575	-0,028	0,289
CHR1	6528606	CHR1:6528606	SSF x LoA	-9,7988647	0,069	0,292
CHR1	653326	CHR1:653326	SSF x LoA	-7,66305753	-0,182	0,303
CHR1	6534510	CHR1:6534510	SSF x LoA	2,33791115	-0,033	0,298

CHR1	6537187	CHR1:6537187	SSF x LoA	-3,71989061	-0,060	0,306
CHR1	6537192	CHR1:6537192	SSF x LoA	-10,2519962	0,011	0,304
CHR1	6537212	CHR1:6537212	SSF x LoA	-8,38094706	-0,071	0,313
CHR1	6537264	CHR1:6537264	SSF x LoA	-2,8344985	0,183	0,299
CHR1	6537272	CHR1:6537272	SSF x LoA	-11,5587527	-0,039	0,313
CHR1	6537281	CHR1:6537281	SSF x LoA	-7,56537427	-0,013	0,307
CHR1	6540317	CHR1:6540317	SSF x LoA	-9,48422966	-0,068	0,306
CHR1	6540348	CHR1:6540348	SSF x LoA	-8,22135597	-0,101	0,309
CHR1	6540402	CHR1:6540402	SSF x LoA	-9,34120048	-0,123	0,296
CHR1	6542225	CHR1:6542225	SSF x LoA	-5,15900909	0,062	0,307
CHR1	6542328	CHR1:6542328	SSF x LoA	-5,36231146	-0,080	0,315
CHR1	6542372	CHR1:6542372	SSF x LoA	-8,50786544	0,043	0,300
CHR1	6546732	CHR1:6546732	SSF x LoA	-6,31710558	-0,200	0,287
CHR1	6550805	CHR1:6550805	SSF x LoA	-9,50509125	-0,011	0,302
CHR1	6550816	CHR1:6550816	SSF x LoA	-7,99177123	-0,022	0,307
CHR1	6550950	CHR1:6550950	SSF x LoA	-9,7476944	-0,011	0,302
CHR1	6550974	CHR1:6550974	SSF x LoA	-10,9518713	0,018	0,312
CHR1	6561251	CHR1:6561251	SSF x LoA	-9,87608232	0,028	0,307
CHR1	6589156	CHR1:6589156	SSF x LoA	-8,91392335	-0,050	0,317
CHR1	659259	CHR1:659259	SSF x LoA	-8,55329942	-0,067	0,290
CHR1	6596052	CHR1:6596052	SSF x LoA	-9,68773264	0,012	0,307
CHR1	6596948	CHR1:6596948	SSF x LoA	-6,71233313	0,030	0,308
CHR1	6599768	CHR1:6599768	SSF x LoA	-8,65934154	-0,042	0,305
CHR1	6599810	CHR1:6599810	SSF x LoA	-7,19233553	0,023	0,313
CHR1	6599860	CHR1:6599860	SSF x LoA	-7,71103006	0,037	0,305
CHR1	6604043	CHR1:6604043	SSF x LoA	-9,28957729	-0,124	0,315
CHR1	6604124	CHR1:6604124	SSF x LoA	-11,8009645	-0,054	0,306
CHR1	6604180	CHR1:6604180	SSF x LoA	-7,401094	-0,120	0,300
CHR1	6609766	CHR1:6609766	SSF x LoA	-8,86496121	-0,078	0,304
CHR1	6609779	CHR1:6609779	SSF x LoA	-6,69647206	-0,122	0,298
CHR1	6609805	CHR1:6609805	SSF x LoA	-7,02225467	-0,051	0,312
CHR1	6609860	CHR1:6609860	SSF x LoA	-6,42842285	0,197	0,301
CHR1	6609866	CHR1:6609866	SSF x LoA	-9,83813581	0,016	0,309
CHR1	6609867	CHR1:6609867	SSF x LoA	-6,16508383	0,032	0,319
CHR1	6609871	CHR1:6609871	SSF x LoA	-8,88436928	0,049	0,310
CHR1	661372	CHR1:661372	SSF x LoA	-12,109657	-0,050	0,290
CHR1	661373	CHR1:661373	SSF x LoA	-8,2793454	-0,114	0,305
CHR1	6614884	CHR1:6614884	SSF x LoA	-8,99759901	0,127	0,308
CHR1	6614895	CHR1:6614895	SSF x LoA	-7,42821706	0,114	0,314
CHR1	6614910	CHR1:6614910	SSF x LoA	-9,8435321	-0,087	0,303
CHR1	6614974	CHR1:6614974	SSF x LoA	-6,33315564	0,109	0,305
CHR1	6615034	CHR1:6615034	SSF x LoA	-9,90932832	-0,001	0,305
CHR1	6615041	CHR1:6615041	SSF x LoA	-7,33618938	-0,140	0,313
CHR1	6615060	CHR1:6615060	SSF x LoA	-8,66724986	0,064	0,308
CHR1	6615082	CHR1:6615082	SSF x LoA	-8,27343207	0,062	0,288
CHR1	6615122	CHR1:6615122	SSF x LoA	-7,34337745	0,173	0,290
CHR1	6615162	CHR1:6615162	SSF x LoA	-5,99741563	0,092	0,298
CHR1	6615165	CHR1:6615165	SSF x LoA	-6,57672187	-0,135	0,296
CHR1	6640665	CHR1:6640665	SSF x LoA	-11,5108628	0,052	0,289
CHR1	6641751	CHR1:6641751	SSF x LoA	-4,94516263	-0,144	0,309
CHR1	6641894	CHR1:6641894	SSF x LoA	-5,8841658	-0,189	0,309
CHR1	6662997	CHR1:6662997	SSF x LoA	-10,4542824	-0,038	0,308
CHR1	6665262	CHR1:6665262	SSF x LoA	-9,40567601	-0,011	0,295

CHR1	6665275	CHR1:6665275	SSF x LoA	-10,1635814	0,056	0,308
CHR1	6665276	CHR1:6665276	SSF x LoA	-9,91628773	0,091	0,304
CHR1	6665281	CHR1:6665281	SSF x LoA	-9,5509535	0,069	0,307
CHR1	6670281	CHR1:6670281	SSF x LoA	-9,2620206	-0,163	0,304
CHR1	6671832	CHR1:6671832	SSF x LoA	-8,78318481	-0,100	0,302
CHR1	6680786	CHR1:6680786	SSF x LoA	-9,88934742	0,068	0,308
CHR1	6680817	CHR1:6680817	SSF x LoA	-7,82785493	0,002	0,293
CHR1	6680823	CHR1:6680823	SSF x LoA	-8,28937292	0,000	0,275
CHR1	6680855	CHR1:6680855	SSF x LoA	-8,89767306	-0,013	0,282
CHR1	6680862	CHR1:6680862	SSF x LoA	-9,0310327	-0,004	0,282
CHR1	6680949	CHR1:6680949	SSF x LoA	-8,8966633	-0,055	0,293
CHR1	6684730	CHR1:6684730	SSF x LoA	-8,86829867	0,032	0,311
CHR1	6687970	CHR1:6687970	SSF x LoA	-9,29537287	-0,089	0,295
CHR1	6692658	CHR1:6692658	SSF x LoA	-10,2924818	0,017	0,324
CHR1	6697720	CHR1:6697720	SSF x LoA	-8,89552107	0,140	0,284
CHR1	6704184	CHR1:6704184	SSF x LoA	-10,7960936	-0,020	0,305
CHR1	6704262	CHR1:6704262	SSF x LoA	-3,61989724	0,136	0,295
CHR1	6704477	CHR1:6704477	SSF x LoA	-11,2278763	-0,016	0,320
CHR1	6718065	CHR1:6718065	SSF x LoA	-9,47773309	0,109	0,311
CHR1	6725301	CHR1:6725301	SSF x LoA	-8,89513238	0,064	0,304
CHR1	6725302	CHR1:6725302	SSF x LoA	-8,81037773	0,065	0,304
CHR1	6736270	CHR1:6736270	SSF x LoA	-6,74929094	-0,094	0,299
CHR1	6736320	CHR1:6736320	SSF x LoA	-7,77067278	0,085	0,306
CHR1	6736345	CHR1:6736345	SSF x LoA	-9,51894059	0,002	0,312
CHR1	6736407	CHR1:6736407	SSF x LoA	-5,92875256	0,048	0,321
CHR1	6745502	CHR1:6745502	SSF x LoA	-8,46421019	0,059	0,295
CHR1	674558	CHR1:674558	SSF x LoA	-10,2445287	0,025	0,304
CHR1	674564	CHR1:674564	SSF x LoA	-6,65537463	0,101	0,312
CHR1	674599	CHR1:674599	SSF x LoA	-11,6176174	0,040	0,304
CHR1	674620	CHR1:674620	SSF x LoA	-7,87527159	0,041	0,314
CHR1	674623	CHR1:674623	SSF x LoA	-5,6944402	-0,128	0,305
CHR1	6751320	CHR1:6751320	SSF x LoA	-8,0284633	0,144	0,302
CHR1	6754256	CHR1:6754256	SSF x LoA	-8,88869426	-0,152	0,315
CHR1	6765445	CHR1:6765445	SSF x LoA	-10,1793426	-0,020	0,311
CHR1	6765520	CHR1:6765520	SSF x LoA	-10,1235155	-0,003	0,293
CHR1	6765548	CHR1:6765548	SSF x LoA	-8,03756109	0,060	0,304
CHR1	6767134	CHR1:6767134	SSF x LoA	-8,59823367	0,136	0,309
CHR1	6781682	CHR1:6781682	SSF x LoA	-8,67376828	0,136	0,301
CHR1	6781691	CHR1:6781691	SSF x LoA	-9,19066586	0,131	0,299
CHR1	6788536	CHR1:6788536	SSF x LoA	-10,1638328	0,018	0,298
CHR1	6813021	CHR1:6813021	SSF x LoA	-7,05141102	0,147	0,317
CHR1	6813170	CHR1:6813170	SSF x LoA	-8,84952887	0,005	0,317
CHR1	6813171	CHR1:6813171	SSF x LoA	-2,69355792	0,002	0,319
CHR1	6813172	CHR1:6813172	SSF x LoA	-8,96548247	0,007	0,319
CHR1	6813192	CHR1:6813192	SSF x LoA	-9,11298608	-0,001	0,312
CHR1	6872475	CHR1:6872475	SSF x LoA	-11,0481218	0,053	0,307
CHR1	6881059	CHR1:6881059	SSF x LoA	-8,96350824	-0,003	0,317
CHR1	6881067	CHR1:6881067	SSF x LoA	-9,348621	-0,060	0,307
CHR1	6881093	CHR1:6881093	SSF x LoA	-8,68720207	-0,039	0,302
CHR1	6884682	CHR1:6884682	SSF x LoA	-10,1320464	0,096	0,295
CHR1	6884801	CHR1:6884801	SSF x LoA	-7,89558847	-0,162	0,302
CHR1	6884816	CHR1:6884816	SSF x LoA	-8,50372591	-0,022	0,312
CHR1	6889018	CHR1:6889018	SSF x LoA	-5,9106861	-0,110	0,302

CHR1	6889046	CHR1:6889046	SSF x LoA	-10,2732276	0,049	0,309
CHR1	6889080	CHR1:6889080	SSF x LoA	-9,94039757	-0,065	0,292
CHR1	6889109	CHR1:6889109	SSF x LoA	-8,2852455	0,059	0,297
CHR1	6889121	CHR1:6889121	SSF x LoA	-9,26189026	0,055	0,295
CHR1	6889130	CHR1:6889130	SSF x LoA	-9,37964169	0,056	0,302
CHR1	6889202	CHR1:6889202	SSF x LoA	-7,07989041	0,136	0,299
CHR1	6889230	CHR1:6889230	SSF x LoA	-10,0034375	0,073	0,311
CHR1	6892843	CHR1:6892843	SSF x LoA	-11,1724414	0,076	0,305
CHR1	6892867	CHR1:6892867	SSF x LoA	-8,00886708	0,022	0,308
CHR1	6892876	CHR1:6892876	SSF x LoA	-8,93556081	0,080	0,303
CHR1	6896414	CHR1:6896414	SSF x LoA	-0,57726193	0,017	0,320
CHR1	6902154	CHR1:6902154	SSF x LoA	-10,6095965	0,064	0,304
CHR1	6902199	CHR1:6902199	SSF x LoA	-9,8719551	0,053	0,299
CHR1	6910268	CHR1:6910268	SSF x LoA	-7,45728511	0,068	0,303
CHR1	6910907	CHR1:6910907	SSF x LoA	-9,9620043	0,016	0,314
CHR1	6910918	CHR1:6910918	SSF x LoA	-9,4040303	0,069	0,316
CHR1	6910933	CHR1:6910933	SSF x LoA	-11,4379391	-0,018	0,297
CHR1	6910953	CHR1:6910953	SSF x LoA	-8,37790684	-0,080	0,320
CHR1	6918301	CHR1:6918301	SSF x LoA	-8,73626921	0,004	0,308
CHR1	6918358	CHR1:6918358	SSF x LoA	-11,206955	0,004	0,295
CHR1	6918360	CHR1:6918360	SSF x LoA	-10,3484336	-0,017	0,313
CHR1	6918390	CHR1:6918390	SSF x LoA	-9,80666489	-0,043	0,305
CHR1	6918403	CHR1:6918403	SSF x LoA	1,45485996	0,001	0,306
CHR1	6918473	CHR1:6918473	SSF x LoA	-9,20039941	0,044	0,300
CHR1	6918498	CHR1:6918498	SSF x LoA	-8,66743972	-0,045	0,306
CHR1	6918535	CHR1:6918535	SSF x LoA	-9,81772078	0,141	0,302
CHR1	6918541	CHR1:6918541	SSF x LoA	-5,36168204	0,239	0,289
CHR1	6918666	CHR1:6918666	SSF x LoA	-10,0901897	0,079	0,314
CHR1	6929681	CHR1:6929681	SSF x LoA	-11,0106077	-0,013	0,317
CHR1	6930782	CHR1:6930782	SSF x LoA	-8,33399571	0,092	0,309
CHR1	6939667	CHR1:6939667	SSF x LoA	-7,64923514	0,141	0,288
CHR1	6939694	CHR1:6939694	SSF x LoA	-7,84805105	0,154	0,285
CHR1	6939755	CHR1:6939755	SSF x LoA	-0,6270852	0,187	0,310
CHR1	6939768	CHR1:6939768	SSF x LoA	-4,53851848	0,173	0,294
CHR1	6939776	CHR1:6939776	SSF x LoA	-9,62509825	0,020	0,311
CHR1	694560	CHR1:694560	SSF x LoA	-4,41396819	-0,072	0,312
CHR1	694868	CHR1:694868	SSF x LoA	-11,4637089	-0,062	0,298
CHR1	694894	CHR1:694894	SSF x LoA	-9,1422236	-0,108	0,304
CHR1	6949949	CHR1:6949949	SSF x LoA	-7,52816981	0,187	0,301
CHR1	6949967	CHR1:6949967	SSF x LoA	-8,21455156	0,047	0,307
CHR1	6950004	CHR1:6950004	SSF x LoA	-11,9579635	0,023	0,307
CHR1	6953989	CHR1:6953989	SSF x LoA	-11,2068483	-0,023	0,296
CHR1	6954074	CHR1:6954074	SSF x LoA	-9,10602729	-0,020	0,321
CHR1	6954126	CHR1:6954126	SSF x LoA	-9,31696319	-0,054	0,306
CHR1	6962182	CHR1:6962182	SSF x LoA	-7,20816774	-0,154	0,290
CHR1	6962184	CHR1:6962184	SSF x LoA	-6,95333877	-0,154	0,298
CHR1	6962218	CHR1:6962218	SSF x LoA	-9,33386711	0,127	0,300
CHR1	6962235	CHR1:6962235	SSF x LoA	-10,729956	-0,001	0,304
CHR1	6962264	CHR1:6962264	SSF x LoA	-7,19510118	-0,097	0,303
CHR1	6962308	CHR1:6962308	SSF x LoA	-8,2294602	0,037	0,314
CHR1	6962342	CHR1:6962342	SSF x LoA	-9,98174647	-0,154	0,304
CHR1	6962406	CHR1:6962406	SSF x LoA	-8,85526582	0,045	0,319
CHR1	6962408	CHR1:6962408	SSF x LoA	-7,71636243	0,024	0,306

CHR1	6972547	CHR1:6972547	SSF x LoA	-7,60332619	-0,195	0,282
CHR1	6972567	CHR1:6972567	SSF x LoA	-3,06944584	-0,098	0,306
CHR1	6972571	CHR1:6972571	SSF x LoA	-2,12159742	-0,238	0,292
CHR1	6972580	CHR1:6972580	SSF x LoA	-10,0708808	0,115	0,309
CHR1	6972582	CHR1:6972582	SSF x LoA	-10,6639119	0,077	0,301
CHR1	6972663	CHR1:6972663	SSF x LoA	-8,94862144	0,028	0,309
CHR1	6972676	CHR1:6972676	SSF x LoA	-3,7252826	0,010	0,319
CHR1	6972752	CHR1:6972752	SSF x LoA	-9,31912229	-0,134	0,308
CHR1	6982056	CHR1:6982056	SSF x LoA	-7,44733703	0,073	0,308
CHR1	6982219	CHR1:6982219	SSF x LoA	-3,92689571	0,028	0,310
CHR1	6982237	CHR1:6982237	SSF x LoA	-10,1818652	-0,006	0,297
CHR1	6991556	CHR1:6991556	SSF x LoA	-11,7516222	-0,013	0,312
CHR1	6991571	CHR1:6991571	SSF x LoA	-11,5271584	-0,038	0,301
CHR1	7003620	CHR1:7003620	SSF x LoA	-10,7231582	-0,059	0,306
CHR1	7019028	CHR1:7019028	SSF x LoA	-8,70504013	0,056	0,312
CHR1	7019074	CHR1:7019074	SSF x LoA	-9,19271055	0,069	0,279
CHR1	7019100	CHR1:7019100	SSF x LoA	-8,26495832	0,096	0,303
CHR1	7019210	CHR1:7019210	SSF x LoA	-3,95031979	0,080	0,308
CHR1	7019216	CHR1:7019216	SSF x LoA	-6,08993491	0,053	0,317
CHR1	7019229	CHR1:7019229	SSF x LoA	-12,0797319	0,050	0,308
CHR1	7023116	CHR1:7023116	SSF x LoA	-10,8061058	-0,025	0,296
CHR1	7025508	CHR1:7025508	SSF x LoA	-9,83885519	0,018	0,301
CHR1	7025518	CHR1:7025518	SSF x LoA	-10,1979869	0,097	0,298
CHR1	7025646	CHR1:7025646	SSF x LoA	-10,7222113	0,005	0,302
CHR1	7039369	CHR1:7039369	SSF x LoA	-8,32954232	0,127	0,298
CHR1	7039373	CHR1:7039373	SSF x LoA	-10,590513	-0,052	0,315
CHR1	7039392	CHR1:7039392	SSF x LoA	-9,45310103	-0,114	0,304
CHR1	7039428	CHR1:7039428	SSF x LoA	-8,44430895	0,075	0,310
CHR1	7039555	CHR1:7039555	SSF x LoA	-10,0885915	0,089	0,305
CHR1	7039580	CHR1:7039580	SSF x LoA	-8,53235869	0,055	0,298
CHR1	7039595	CHR1:7039595	SSF x LoA	-8,58693144	0,020	0,316
CHR1	7039596	CHR1:7039596	SSF x LoA	-8,89477064	0,004	0,320
CHR1	7041138	CHR1:7041138	SSF x LoA	-12,313886	0,104	0,301
CHR1	7041184	CHR1:7041184	SSF x LoA	-10,648521	-0,075	0,303
CHR1	7042934	CHR1:7042934	SSF x LoA	-9,34134455	-0,121	0,307
CHR1	7042953	CHR1:7042953	SSF x LoA	-11,2544016	-0,033	0,310
CHR1	7043042	CHR1:7043042	SSF x LoA	-9,06581659	-0,134	0,300
CHR1	7043049	CHR1:7043049	SSF x LoA	-7,11249959	-0,010	0,328
CHR1	7043123	CHR1:7043123	SSF x LoA	-9,71935514	-0,068	0,312
CHR1	706645	CHR1:706645	SSF x LoA	-4,41708903	0,009	0,299
CHR1	7066678	CHR1:7066678	SSF x LoA	-6,98465298	-0,114	0,311
CHR1	7066750	CHR1:7066750	SSF x LoA	-9,91610141	0,030	0,304
CHR1	7066879	CHR1:7066879	SSF x LoA	-8,10808025	-0,007	0,312
CHR1	7066933	CHR1:7066933	SSF x LoA	-10,4616779	-0,068	0,314
CHR1	706765	CHR1:706765	SSF x LoA	-10,0893759	-0,045	0,304
CHR1	707338	CHR1:707338	SSF x LoA	-6,49219202	-0,029	0,314
CHR1	707375	CHR1:707375	SSF x LoA	-9,2574965	-0,041	0,300
CHR1	7087655	CHR1:7087655	SSF x LoA	-11,1220459	-0,053	0,301
CHR1	7087784	CHR1:7087784	SSF x LoA	-8,93939649	0,019	0,314
CHR1	7090640	CHR1:7090640	SSF x LoA	-9,10232094	0,076	0,300
CHR1	7090687	CHR1:7090687	SSF x LoA	-9,74650137	0,014	0,305
CHR1	7090730	CHR1:7090730	SSF x LoA	-9,94972779	0,148	0,298
CHR1	7090737	CHR1:7090737	SSF x LoA	-6,85881241	-0,115	0,290

CHR1	7094072	CHR1:7094072	SSF x LoA	-9,48465735	0,067	0,319
CHR1	7119674	CHR1:7119674	SSF x LoA	-8,0729585	-0,144	0,306
CHR1	7153962	CHR1:7153962	SSF x LoA	-7,85943302	-0,005	0,296
CHR1	7154078	CHR1:7154078	SSF x LoA	-9,02526974	0,030	0,313
CHR1	7161003	CHR1:7161003	SSF x LoA	-8,75796164	-0,009	0,300
CHR1	7161336	CHR1:7161336	SSF x LoA	-9,27315612	0,038	0,309
CHR1	7161368	CHR1:7161368	SSF x LoA	-8,62116462	-0,202	0,304
CHR1	7165747	CHR1:7165747	SSF x LoA	-9,3360825	0,055	0,307
CHR1	7194676	CHR1:7194676	SSF x LoA	-5,85706505	-0,041	0,315
CHR1	7194679	CHR1:7194679	SSF x LoA	-8,69335228	-0,086	0,301
CHR1	7194837	CHR1:7194837	SSF x LoA	-9,23131425	-0,047	0,299
CHR1	7204717	CHR1:7204717	SSF x LoA	-6,81155974	-0,040	0,301
CHR1	7245966	CHR1:7245966	SSF x LoA	-9,24816604	0,084	0,317
CHR1	7246035	CHR1:7246035	SSF x LoA	-7,4534496	0,062	0,306
CHR1	7246045	CHR1:7246045	SSF x LoA	-10,3062993	0,042	0,300
CHR1	7246053	CHR1:7246053	SSF x LoA	-10,2406328	0,014	0,311
CHR1	7255925	CHR1:7255925	SSF x LoA	-8,36123097	-0,010	0,316
CHR1	7256007	CHR1:7256007	SSF x LoA	-8,6536783	-0,062	0,314
CHR1	7256106	CHR1:7256106	SSF x LoA	-8,41655511	0,027	0,301
CHR1	728841	CHR1:728841	SSF x LoA	-10,7160417	-0,036	0,312
CHR1	7305675	CHR1:7305675	SSF x LoA	-6,47117171	0,091	0,307
CHR1	7309513	CHR1:7309513	SSF x LoA	-9,32054768	0,068	0,296
CHR1	7312978	CHR1:7312978	SSF x LoA	-8,88523585	0,057	0,305
CHR1	7313024	CHR1:7313024	SSF x LoA	-12,0898891	-0,046	0,300
CHR1	7317704	CHR1:7317704	SSF x LoA	-10,7195796	-0,065	0,302
CHR1	7329246	CHR1:7329246	SSF x LoA	-6,00956345	-0,103	0,311
CHR1	7364806	CHR1:7364806	SSF x LoA	-11,4040936	-0,075	0,307
CHR1	7367953	CHR1:7367953	SSF x LoA	-11,6330053	0,066	0,307
CHR1	7368035	CHR1:7368035	SSF x LoA	-9,17102141	0,075	0,296
CHR1	7368087	CHR1:7368087	SSF x LoA	-9,53922175	0,077	0,293
CHR1	7368189	CHR1:7368189	SSF x LoA	-9,4596832	0,075	0,304
CHR1	7368208	CHR1:7368208	SSF x LoA	-8,36646506	0,073	0,307
CHR1	7384032	CHR1:7384032	SSF x LoA	-10,3147676	0,020	0,289
CHR1	7402430	CHR1:7402430	SSF x LoA	-9,48730269	0,001	0,299
CHR1	7424390	CHR1:7424390	SSF x LoA	-11,03621	0,032	0,308
CHR1	7424527	CHR1:7424527	SSF x LoA	-8,88276939	-0,065	0,308
CHR1	7424642	CHR1:7424642	SSF x LoA	-9,52311275	-0,010	0,300
CHR1	7435827	CHR1:7435827	SSF x LoA	-9,09795287	-0,036	0,304
CHR1	7436551	CHR1:7436551	SSF x LoA	-8,31379741	0,063	0,306
CHR1	7449553	CHR1:7449553	SSF x LoA	-9,27649423	0,124	0,312
CHR1	7458478	CHR1:7458478	SSF x LoA	-10,9831261	-0,041	0,302
CHR1	7464728	CHR1:7464728	SSF x LoA	-9,03638218	-0,041	0,309
CHR1	7464808	CHR1:7464808	SSF x LoA	-10,8827589	-0,012	0,307
CHR1	7464859	CHR1:7464859	SSF x LoA	-6,51665688	0,136	0,314
CHR1	7464866	CHR1:7464866	SSF x LoA	-8,31802967	0,132	0,300
CHR1	7464869	CHR1:7464869	SSF x LoA	-6,59898133	-0,018	0,337
CHR1	7464873	CHR1:7464873	SSF x LoA	-8,6153986	0,096	0,307
CHR1	7466379	CHR1:7466379	SSF x LoA	-9,907296	-0,045	0,309
CHR1	7466440	CHR1:7466440	SSF x LoA	-10,6662058	-0,033	0,309
CHR1	7482274	CHR1:7482274	SSF x LoA	-2,90258143	0,078	0,303
CHR1	7493292	CHR1:7493292	SSF x LoA	-9,42691216	-0,132	0,326
CHR1	7493306	CHR1:7493306	SSF x LoA	-9,18635912	0,097	0,309
CHR1	7493337	CHR1:7493337	SSF x LoA	-8,44599562	-0,086	0,299

CHR1	7493338	CHR1:7493338	SSF x LoA	-8,72035787	0,087	0,291
CHR1	7498455	CHR1:7498455	SSF x LoA	-10,0525118	0,022	0,287
CHR1	7498487	CHR1:7498487	SSF x LoA	-10,5245127	0,038	0,296
CHR1	7498499	CHR1:7498499	SSF x LoA	-9,72383087	0,056	0,303
CHR1	7498543	CHR1:7498543	SSF x LoA	-9,65783157	-0,041	0,307
CHR1	749890	CHR1:749890	SSF x LoA	-8,2809636	-0,009	0,314
CHR1	749994	CHR1:749994	SSF x LoA	-11,9101044	0,014	0,307
CHR1	7502719	CHR1:7502719	SSF x LoA	-9,02852179	0,024	0,303
CHR1	7507939	CHR1:7507939	SSF x LoA	-7,77858429	0,113	0,301
CHR1	7508005	CHR1:7508005	SSF x LoA	-8,63696602	-0,016	0,315
CHR1	7508007	CHR1:7508007	SSF x LoA	-6,38036181	-0,137	0,323
CHR1	7508064	CHR1:7508064	SSF x LoA	-9,09087102	0,098	0,309
CHR1	7508168	CHR1:7508168	SSF x LoA	-9,01938585	0,030	0,314
CHR1	7510624	CHR1:7510624	SSF x LoA	-5,82942319	0,118	0,302
CHR1	751655	CHR1:751655	SSF x LoA	-0,74007461	0,238	0,306
CHR1	751947	CHR1:751947	SSF x LoA	-7,53438092	0,171	0,303
CHR1	751952	CHR1:751952	SSF x LoA	-10,1435033	-0,033	0,310
CHR1	751997	CHR1:751997	SSF x LoA	-9,60285655	0,074	0,304
CHR1	7534958	CHR1:7534958	SSF x LoA	-1,96798414	0,050	0,307
CHR1	7549492	CHR1:7549492	SSF x LoA	-10,0965425	-0,019	0,300
CHR1	7549504	CHR1:7549504	SSF x LoA	-7,52212668	-0,133	0,310
CHR1	7549541	CHR1:7549541	SSF x LoA	-8,45814715	0,045	0,317
CHR1	7549551	CHR1:7549551	SSF x LoA	-8,48597715	0,072	0,312
CHR1	7549611	CHR1:7549611	SSF x LoA	-10,2706073	-0,018	0,313
CHR1	7549694	CHR1:7549694	SSF x LoA	-9,31342404	-0,009	0,315
CHR1	7553900	CHR1:7553900	SSF x LoA	-10,8702166	0,089	0,309
CHR1	75563	CHR1:75563	SSF x LoA	-8,8645043	-0,002	0,305
CHR1	7561798	CHR1:7561798	SSF x LoA	-10,4419482	0,086	0,305
CHR1	7561800	CHR1:7561800	SSF x LoA	-7,13465443	-0,026	0,318
CHR1	756240	CHR1:756240	SSF x LoA	-9,35626275	0,082	0,299
CHR1	7565190	CHR1:7565190	SSF x LoA	-10,7554859	0,019	0,306
CHR1	7565197	CHR1:7565197	SSF x LoA	-10,0631969	0,023	0,319
CHR1	7565366	CHR1:7565366	SSF x LoA	-3,39307496	0,056	0,306
CHR1	7565384	CHR1:7565384	SSF x LoA	-11,9219833	0,051	0,292
CHR1	7565389	CHR1:7565389	SSF x LoA	-9,56784408	0,035	0,306
CHR1	7565412	CHR1:7565412	SSF x LoA	-12,0217059	0,014	0,306
CHR1	7565421	CHR1:7565421	SSF x LoA	-7,31901968	0,128	0,309
CHR1	7568926	CHR1:7568926	SSF x LoA	-7,15091436	0,063	0,316
CHR1	7569094	CHR1:7569094	SSF x LoA	-10,071837	0,013	0,298
CHR1	7569120	CHR1:7569120	SSF x LoA	-9,42246394	0,061	0,307
CHR1	7571201	CHR1:7571201	SSF x LoA	-8,29199514	0,112	0,307
CHR1	7585962	CHR1:7585962	SSF x LoA	-3,62495526	0,121	0,298
CHR1	7585987	CHR1:7585987	SSF x LoA	-8,06252719	-0,054	0,306
CHR1	7586030	CHR1:7586030	SSF x LoA	-5,3311959	0,123	0,305
CHR1	7586045	CHR1:7586045	SSF x LoA	-10,2745731	0,022	0,309
CHR1	7586144	CHR1:7586144	SSF x LoA	-4,97883132	0,042	0,327
CHR1	760031	CHR1:760031	SSF x LoA	-3,20957084	-0,117	0,313
CHR1	760041	CHR1:760041	SSF x LoA	-8,91036974	-0,048	0,307
CHR1	760096	CHR1:760096	SSF x LoA	-7,92946474	-0,132	0,299
CHR1	7602015	CHR1:7602015	SSF x LoA	-10,0357977	0,037	0,311
CHR1	7603383	CHR1:7603383	SSF x LoA	-8,98807901	-0,043	0,290
CHR1	7636811	CHR1:7636811	SSF x LoA	-9,77323948	-0,089	0,294
CHR1	7638212	CHR1:7638212	SSF x LoA	-10,2521355	-0,061	0,315

CHR1	7638574	CHR1:7638574	SSF x LoA	-10,8403667	-0,019	0,316
CHR1	764649	CHR1:764649	SSF x LoA	-10,0559924	-0,047	0,310
CHR1	764654	CHR1:764654	SSF x LoA	-9,25660447	-0,002	0,311
CHR1	7647696	CHR1:7647696	SSF x LoA	-8,99842236	0,018	0,317
CHR1	7647698	CHR1:7647698	SSF x LoA	-9,71183351	0,044	0,307
CHR1	7647806	CHR1:7647806	SSF x LoA	-6,72025877	0,107	0,312
CHR1	764824	CHR1:764824	SSF x LoA	-8,57604969	0,014	0,310
CHR1	764841	CHR1:764841	SSF x LoA	-11,2464621	-0,045	0,305
CHR1	764856	CHR1:764856	SSF x LoA	-10,6991412	0,014	0,308
CHR1	7651322	CHR1:7651322	SSF x LoA	-8,07643258	-0,006	0,315
CHR1	7655417	CHR1:7655417	SSF x LoA	-7,42516633	0,065	0,312
CHR1	7662786	CHR1:7662786	SSF x LoA	-7,37481659	-0,045	0,312
CHR1	7666935	CHR1:7666935	SSF x LoA	-7,92953517	-0,068	0,320
CHR1	7676963	CHR1:7676963	SSF x LoA	-8,92068575	0,027	0,305
CHR1	7677012	CHR1:7677012	SSF x LoA	-8,78652365	0,077	0,292
CHR1	7677017	CHR1:7677017	SSF x LoA	-9,30660976	-0,023	0,310
CHR1	7677052	CHR1:7677052	SSF x LoA	-10,8784924	-0,031	0,304
CHR1	7677087	CHR1:7677087	SSF x LoA	-9,60302177	-0,135	0,308
CHR1	7677125	CHR1:7677125	SSF x LoA	-5,23659456	0,125	0,289
CHR1	7677169	CHR1:7677169	SSF x LoA	-11,8374446	0,008	0,287
CHR1	7677186	CHR1:7677186	SSF x LoA	-11,4047126	0,035	0,306
CHR1	7681246	CHR1:7681246	SSF x LoA	-11,3533007	-0,050	0,310
CHR1	7681340	CHR1:7681340	SSF x LoA	-8,11667835	0,097	0,316
CHR1	7683612	CHR1:7683612	SSF x LoA	-10,4888071	0,035	0,319
CHR1	7685469	CHR1:7685469	SSF x LoA	-9,49577234	-0,046	0,311
CHR1	7685480	CHR1:7685480	SSF x LoA	-6,05773672	-0,033	0,304
CHR1	7685488	CHR1:7685488	SSF x LoA	-8,8443236	-0,049	0,302
CHR1	7685510	CHR1:7685510	SSF x LoA	-8,28714177	0,021	0,291
CHR1	7685514	CHR1:7685514	SSF x LoA	-8,82157716	0,039	0,296
CHR1	7685567	CHR1:7685567	SSF x LoA	-8,53526149	0,015	0,312
CHR1	7685643	CHR1:7685643	SSF x LoA	-4,86865163	-0,040	0,304
CHR1	7685647	CHR1:7685647	SSF x LoA	-8,93962382	-0,030	0,297
CHR1	7685648	CHR1:7685648	SSF x LoA	-9,12689922	-0,004	0,308
CHR1	7685698	CHR1:7685698	SSF x LoA	-8,31880968	0,020	0,313
CHR1	7685720	CHR1:7685720	SSF x LoA	-9,85602122	-0,002	0,308
CHR1	7687729	CHR1:7687729	SSF x LoA	-5,10647716	0,119	0,304
CHR1	7687746	CHR1:7687746	SSF x LoA	-6,51428993	-0,041	0,306
CHR1	7687772	CHR1:7687772	SSF x LoA	-9,16495865	-0,026	0,300
CHR1	7697868	CHR1:7697868	SSF x LoA	-6,57697828	-0,156	0,309
CHR1	7707553	CHR1:7707553	SSF x LoA	-11,7058902	0,028	0,293
CHR1	7717640	CHR1:7717640	SSF x LoA	-9,50101036	-0,067	0,304
CHR1	7717651	CHR1:7717651	SSF x LoA	-9,334761	0,038	0,303
CHR1	7717654	CHR1:7717654	SSF x LoA	-9,54763081	-0,020	0,292
CHR1	7717727	CHR1:7717727	SSF x LoA	-12,1737357	-0,001	0,312
CHR1	7717737	CHR1:7717737	SSF x LoA	-9,668535	-0,017	0,312
CHR1	7717822	CHR1:7717822	SSF x LoA	-10,5766581	-0,012	0,296
CHR1	7717880	CHR1:7717880	SSF x LoA	-9,64725529	0,050	0,305
CHR1	7724734	CHR1:7724734	SSF x LoA	-9,90763371	0,020	0,295
CHR1	7729958	CHR1:7729958	SSF x LoA	-7,5979266	-0,106	0,306
CHR1	7729977	CHR1:7729977	SSF x LoA	-8,72193919	-0,115	0,301
CHR1	7729986	CHR1:7729986	SSF x LoA	-7,1203995	-0,131	0,295
CHR1	7730017	CHR1:7730017	SSF x LoA	-7,54519058	-0,118	0,314
CHR1	7730051	CHR1:7730051	SSF x LoA	-8,81165664	-0,086	0,317

CHR1	7730061	CHR1:7730061	SSF x LoA	-3,92630128	0,126	0,307
CHR1	7739331	CHR1:7739331	SSF x LoA	-1,54777037	-0,159	0,303
CHR1	7739393	CHR1:7739393	SSF x LoA	-8,44083021	0,076	0,312
CHR1	7739465	CHR1:7739465	SSF x LoA	-7,99534212	0,106	0,317
CHR1	7755429	CHR1:7755429	SSF x LoA	-12,2195927	0,078	0,298
CHR1	7755521	CHR1:7755521	SSF x LoA	-7,97283307	0,033	0,301
CHR1	7762898	CHR1:7762898	SSF x LoA	-8,02982688	0,084	0,314
CHR1	777768	CHR1:777768	SSF x LoA	-5,80997478	0,180	0,287
CHR1	7783153	CHR1:7783153	SSF x LoA	-3,53262066	0,211	0,293
CHR1	7783717	CHR1:7783717	SSF x LoA	-6,21704322	0,076	0,305
CHR1	7786117	CHR1:7786117	SSF x LoA	-7,7501945	0,078	0,305
CHR1	7786118	CHR1:7786118	SSF x LoA	-8,94419057	0,058	0,300
CHR1	7786193	CHR1:7786193	SSF x LoA	-8,31945425	0,070	0,337
CHR1	7795907	CHR1:7795907	SSF x LoA	-8,06503938	0,067	0,303
CHR1	7795918	CHR1:7795918	SSF x LoA	-9,88233989	0,005	0,321
CHR1	7795969	CHR1:7795969	SSF x LoA	-11,3606681	0,028	0,303
CHR1	7799636	CHR1:7799636	SSF x LoA	-6,53921803	-0,010	0,294
CHR1	7799673	CHR1:7799673	SSF x LoA	-9,37161215	-0,043	0,314
CHR1	7799708	CHR1:7799708	SSF x LoA	-7,71622475	0,047	0,296
CHR1	7801754	CHR1:7801754	SSF x LoA	-11,6062427	-0,037	0,317
CHR1	7801846	CHR1:7801846	SSF x LoA	-7,97205568	0,012	0,320
CHR1	7801849	CHR1:7801849	SSF x LoA	-10,2886989	-0,075	0,322
CHR1	7801905	CHR1:7801905	SSF x LoA	-10,2042325	-0,047	0,306
CHR1	7801918	CHR1:7801918	SSF x LoA	-10,6876619	-0,026	0,305
CHR1	7801934	CHR1:7801934	SSF x LoA	-7,61239391	-0,123	0,312
CHR1	7801941	CHR1:7801941	SSF x LoA	-8,24145339	0,126	0,297
CHR1	7815288	CHR1:7815288	SSF x LoA	-9,26894372	0,051	0,311
CHR1	7815350	CHR1:7815350	SSF x LoA	-10,2766775	-0,068	0,308
CHR1	7815361	CHR1:7815361	SSF x LoA	-10,7828599	0,087	0,288
CHR1	7815459	CHR1:7815459	SSF x LoA	-8,80859068	0,091	0,292
CHR1	7815472	CHR1:7815472	SSF x LoA	-8,69924467	0,134	0,302
CHR1	7815475	CHR1:7815475	SSF x LoA	-11,7263977	0,089	0,300
CHR1	7815500	CHR1:7815500	SSF x LoA	-9,00127333	0,006	0,301
CHR1	7815534	CHR1:7815534	SSF x LoA	-11,0915265	-0,029	0,315
CHR1	7815549	CHR1:7815549	SSF x LoA	-10,082376	0,015	0,319
CHR1	7815552	CHR1:7815552	SSF x LoA	-8,05852208	-0,001	0,309
CHR1	7818802	CHR1:7818802	SSF x LoA	-9,60394542	-0,027	0,308
CHR1	7818806	CHR1:7818806	SSF x LoA	-10,6747774	0,023	0,306
CHR1	7818840	CHR1:7818840	SSF x LoA	-9,60356403	0,094	0,300
CHR1	7819023	CHR1:7819023	SSF x LoA	-10,6354751	0,085	0,310
CHR1	7822959	CHR1:7822959	SSF x LoA	-10,899759	-0,016	0,305
CHR1	7822965	CHR1:7822965	SSF x LoA	-10,2815708	0,005	0,317
CHR1	782785	CHR1:782785	SSF x LoA	-11,2399913	0,041	0,306
CHR1	782788	CHR1:782788	SSF x LoA	-9,55649171	0,057	0,315
CHR1	782795	CHR1:782795	SSF x LoA	-12,3303898	0,072	0,304
CHR1	782803	CHR1:782803	SSF x LoA	-11,9955322	0,084	0,298
CHR1	782806	CHR1:782806	SSF x LoA	-11,9050131	0,065	0,310
CHR1	7832534	CHR1:7832534	SSF x LoA	-9,78103737	-0,028	0,302
CHR1	7846310	CHR1:7846310	SSF x LoA	-9,90900983	0,024	0,317
CHR1	7846315	CHR1:7846315	SSF x LoA	-10,7871753	0,037	0,312
CHR1	7856451	CHR1:7856451	SSF x LoA	-10,0602547	-0,021	0,302
CHR1	7857824	CHR1:7857824	SSF x LoA	-9,820727	-0,019	0,302
CHR1	7863783	CHR1:7863783	SSF x LoA	-9,4806896	-0,007	0,312

CHR1	7863799	CHR1:7863799	SSF x LoA	-5,80581597	-0,030	0,309
CHR1	7863885	CHR1:7863885	SSF x LoA	-9,30766783	-0,037	0,313
CHR1	7863913	CHR1:7863913	SSF x LoA	-9,73071208	-0,029	0,307
CHR1	7866277	CHR1:7866277	SSF x LoA	-11,0629858	-0,052	0,312
CHR1	7866308	CHR1:7866308	SSF x LoA	-9,98591341	-0,022	0,293
CHR1	7866341	CHR1:7866341	SSF x LoA	-8,46230847	-0,032	0,314
CHR1	7884925	CHR1:7884925	SSF x LoA	-7,78715837	-0,103	0,300
CHR1	7885025	CHR1:7885025	SSF x LoA	-8,86867665	-0,154	0,295
CHR1	7885055	CHR1:7885055	SSF x LoA	-10,1600901	0,021	0,304
CHR1	7885078	CHR1:7885078	SSF x LoA	-8,82678346	0,050	0,293
CHR1	7885084	CHR1:7885084	SSF x LoA	-9,90258185	-0,096	0,317
CHR1	7890007	CHR1:7890007	SSF x LoA	-10,8024716	-0,024	0,310
CHR1	7890055	CHR1:7890055	SSF x LoA	-11,643618	0,030	0,299
CHR1	7892690	CHR1:7892690	SSF x LoA	-9,2155684	0,032	0,311
CHR1	7892748	CHR1:7892748	SSF x LoA	-9,12040662	0,038	0,303
CHR1	7893640	CHR1:7893640	SSF x LoA	-10,0282459	0,055	0,308
CHR1	7893648	CHR1:7893648	SSF x LoA	-9,23262197	0,027	0,311
CHR1	7906311	CHR1:7906311	SSF x LoA	-9,40052245	0,012	0,309
CHR1	7931525	CHR1:7931525	SSF x LoA	-9,44971216	-0,175	0,291
CHR1	7931566	CHR1:7931566	SSF x LoA	-8,30340189	0,111	0,312
CHR1	7931653	CHR1:7931653	SSF x LoA	-9,71698934	0,119	0,299
CHR1	7931691	CHR1:7931691	SSF x LoA	-10,8208746	-0,092	0,310
CHR1	7931808	CHR1:7931808	SSF x LoA	-10,7788221	0,079	0,306
CHR1	7931850	CHR1:7931850	SSF x LoA	-3,57629473	0,092	0,300
CHR1	7937428	CHR1:7937428	SSF x LoA	-9,42539427	-0,040	0,291
CHR1	7937479	CHR1:7937479	SSF x LoA	-9,59544503	-0,019	0,292
CHR1	7945356	CHR1:7945356	SSF x LoA	-9,02963153	0,042	0,305
CHR1	7945391	CHR1:7945391	SSF x LoA	-11,2975624	0,126	0,292
CHR1	7945403	CHR1:7945403	SSF x LoA	-9,03565077	0,116	0,301
CHR1	7945405	CHR1:7945405	SSF x LoA	-9,77542449	0,132	0,305
CHR1	7970565	CHR1:7970565	SSF x LoA	-9,12876482	-0,010	0,312
CHR1	7970745	CHR1:7970745	SSF x LoA	-11,4050579	-0,039	0,299
CHR1	7986867	CHR1:7986867	SSF x LoA	-8,94035303	0,010	0,304
CHR1	7997679	CHR1:7997679	SSF x LoA	-9,68810528	-0,105	0,305
CHR1	7997784	CHR1:7997784	SSF x LoA	-11,5673191	0,014	0,313
CHR1	8002001	CHR1:8002001	SSF x LoA	0,33848769	0,087	0,313
CHR1	8002146	CHR1:8002146	SSF x LoA	-10,187249	-0,005	0,311
CHR1	8002230	CHR1:8002230	SSF x LoA	-10,6012995	0,046	0,308
CHR1	8005493	CHR1:8005493	SSF x LoA	-5,71639776	0,148	0,318
CHR1	8005706	CHR1:8005706	SSF x LoA	-7,23742553	-0,051	0,314
CHR1	8005712	CHR1:8005712	SSF x LoA	-8,2682209	0,047	0,315
CHR1	8005718	CHR1:8005718	SSF x LoA	-10,4746124	0,044	0,311
CHR1	8005742	CHR1:8005742	SSF x LoA	-6,90288197	-0,195	0,301
CHR1	8023616	CHR1:8023616	SSF x LoA	-10,7031894	-0,018	0,308
CHR1	8033779	CHR1:8033779	SSF x LoA	-11,1751122	0,041	0,284
CHR1	8034831	CHR1:8034831	SSF x LoA	-9,40217885	0,075	0,325
CHR1	8034954	CHR1:8034954	SSF x LoA	-9,43735466	0,119	0,312
CHR1	8058114	CHR1:8058114	SSF x LoA	-10,2816137	0,087	0,299
CHR1	8058160	CHR1:8058160	SSF x LoA	-8,63756189	-0,034	0,315
CHR1	8058171	CHR1:8058171	SSF x LoA	-10,5258252	0,046	0,308
CHR1	8058180	CHR1:8058180	SSF x LoA	-8,69542374	-0,001	0,321
CHR1	8066012	CHR1:8066012	SSF x LoA	-10,3087536	0,070	0,311
CHR1	8066077	CHR1:8066077	SSF x LoA	-8,99281158	0,009	0,311

CHR1	8066106	CHR1:8066106	SSF x LoA	-9,56143925	0,147	0,305
CHR1	8072780	CHR1:8072780	SSF x LoA	-9,3074197	0,008	0,301
CHR1	8076776	CHR1:8076776	SSF x LoA	-5,51887769	-0,163	0,295
CHR1	8076825	CHR1:8076825	SSF x LoA	-9,22757857	0,032	0,314
CHR1	8076837	CHR1:8076837	SSF x LoA	-8,68439706	-0,029	0,321
CHR1	8076914	CHR1:8076914	SSF x LoA	-11,0264992	0,086	0,315
CHR1	8076965	CHR1:8076965	SSF x LoA	-9,25017834	0,046	0,314
CHR1	8079899	CHR1:8079899	SSF x LoA	-9,82992882	0,145	0,296
CHR1	8079969	CHR1:8079969	SSF x LoA	-9,06519441	-0,084	0,312
CHR1	8082411	CHR1:8082411	SSF x LoA	-10,2038446	0,030	0,300
CHR1	8082463	CHR1:8082463	SSF x LoA	-8,72690028	0,017	0,304
CHR1	8082474	CHR1:8082474	SSF x LoA	-11,3073986	-0,022	0,291
CHR1	8082491	CHR1:8082491	SSF x LoA	-10,0608291	0,030	0,299
CHR1	8082501	CHR1:8082501	SSF x LoA	-9,59625546	0,028	0,306
CHR1	8086093	CHR1:8086093	SSF x LoA	-10,4723986	0,015	0,308
CHR1	8096641	CHR1:8096641	SSF x LoA	-8,55224531	-0,053	0,316
CHR1	8102355	CHR1:8102355	SSF x LoA	-8,09798085	0,096	0,305
CHR1	8102366	CHR1:8102366	SSF x LoA	-5,67652818	0,033	0,312
CHR1	8108546	CHR1:8108546	SSF x LoA	2,58669651	-0,172	0,298
CHR1	811935	CHR1:811935	SSF x LoA	-5,02100799	-0,041	0,320
CHR1	812121	CHR1:812121	SSF x LoA	-10,7940237	0,045	0,302
CHR1	8138296	CHR1:8138296	SSF x LoA	-10,4781019	-0,032	0,307
CHR1	8138364	CHR1:8138364	SSF x LoA	-10,3103688	0,068	0,304
CHR1	8138483	CHR1:8138483	SSF x LoA	-7,85686482	0,010	0,307
CHR1	8186058	CHR1:8186058	SSF x LoA	-10,994601	-0,028	0,298
CHR1	8186059	CHR1:8186059	SSF x LoA	-10,837183	-0,036	0,314
CHR1	8186155	CHR1:8186155	SSF x LoA	-4,50876443	-0,180	0,313
CHR1	8218753	CHR1:8218753	SSF x LoA	-8,8013749	-0,197	0,297
CHR1	8227565	CHR1:8227565	SSF x LoA	-10,0580495	0,075	0,310
CHR1	8227575	CHR1:8227575	SSF x LoA	-3,38680908	0,195	0,290
CHR1	8234226	CHR1:8234226	SSF x LoA	-9,10603711	0,026	0,304
CHR1	8234263	CHR1:8234263	SSF x LoA	-8,96895318	0,054	0,303
CHR1	8234327	CHR1:8234327	SSF x LoA	-3,67782309	0,007	0,293
CHR1	8234464	CHR1:8234464	SSF x LoA	-8,32344693	0,045	0,304
CHR1	8234494	CHR1:8234494	SSF x LoA	-7,32333673	-0,145	0,296
CHR1	8234559	CHR1:8234559	SSF x LoA	-10,0620382	-0,067	0,305
CHR1	8240540	CHR1:8240540	SSF x LoA	-9,96992907	-0,002	0,304
CHR1	8243040	CHR1:8243040	SSF x LoA	-8,42871821	-0,127	0,302
CHR1	8243097	CHR1:8243097	SSF x LoA	-9,38111947	-0,162	0,298
CHR1	8248016	CHR1:8248016	SSF x LoA	-6,42926641	-0,022	0,314
CHR1	8250872	CHR1:8250872	SSF x LoA	-9,12592566	0,121	0,299
CHR1	8250876	CHR1:8250876	SSF x LoA	-4,86545781	0,139	0,305
CHR1	8250958	CHR1:8250958	SSF x LoA	-7,88040484	0,125	0,302
CHR1	8250964	CHR1:8250964	SSF x LoA	-7,41461853	0,086	0,309
CHR1	8250980	CHR1:8250980	SSF x LoA	-7,46359581	0,050	0,321
CHR1	8250996	CHR1:8250996	SSF x LoA	-8,06544123	-0,001	0,300
CHR1	8251690	CHR1:8251690	SSF x LoA	-9,48724496	-0,044	0,312
CHR1	8251723	CHR1:8251723	SSF x LoA	-10,7036129	0,119	0,295
CHR1	8251741	CHR1:8251741	SSF x LoA	-7,0445744	0,023	0,310
CHR1	8261109	CHR1:8261109	SSF x LoA	-9,2771359	-0,009	0,307
CHR1	8261127	CHR1:8261127	SSF x LoA	-11,2933046	0,053	0,307
CHR1	8261130	CHR1:8261130	SSF x LoA	-9,63256054	0,030	0,316
CHR1	8261133	CHR1:8261133	SSF x LoA	-8,52834994	0,041	0,315

CHR1	8266078	CHR1:8266078	SSF x LoA	-7,84296117	0,091	0,314
CHR1	8266080	CHR1:8266080	SSF x LoA	-9,1996083	0,076	0,303
CHR1	8266146	CHR1:8266146	SSF x LoA	1,36584089	0,035	0,305
CHR1	8267861	CHR1:8267861	SSF x LoA	-11,8882546	0,024	0,308
CHR1	8270769	CHR1:8270769	SSF x LoA	-10,0260586	-0,119	0,291
CHR1	8270784	CHR1:8270784	SSF x LoA	-10,3724082	-0,123	0,298
CHR1	8273567	CHR1:8273567	SSF x LoA	-6,49555656	0,102	0,304
CHR1	8273608	CHR1:8273608	SSF x LoA	-8,48180899	0,038	0,320
CHR1	8273715	CHR1:8273715	SSF x LoA	-9,80355807	0,074	0,306
CHR1	8273772	CHR1:8273772	SSF x LoA	-7,52688018	-0,090	0,311
CHR1	8274827	CHR1:8274827	SSF x LoA	-11,1693063	0,128	0,297
CHR1	8274832	CHR1:8274832	SSF x LoA	-4,99089596	0,081	0,313
CHR1	8274837	CHR1:8274837	SSF x LoA	-9,82573437	0,115	0,310
CHR1	8274870	CHR1:8274870	SSF x LoA	-8,29356066	-0,030	0,303
CHR1	828843	CHR1:828843	SSF x LoA	-11,4783017	0,095	0,303
CHR1	8297858	CHR1:8297858	SSF x LoA	-10,0932456	0,097	0,318
CHR1	8298777	CHR1:8298777	SSF x LoA	-9,55851942	-0,004	0,313
CHR1	8304422	CHR1:8304422	SSF x LoA	-10,3215854	0,030	0,301
CHR1	8306772	CHR1:8306772	SSF x LoA	-10,6494371	-0,019	0,308
CHR1	8306889	CHR1:8306889	SSF x LoA	-10,7559109	0,003	0,290
CHR1	830744	CHR1:830744	SSF x LoA	-8,52566275	-0,091	0,307
CHR1	8310908	CHR1:8310908	SSF x LoA	-6,36100006	-0,111	0,310
CHR1	831550	CHR1:831550	SSF x LoA	-9,57407914	-0,004	0,306
CHR1	831555	CHR1:831555	SSF x LoA	-9,35091461	0,150	0,307
CHR1	8321957	CHR1:8321957	SSF x LoA	-10,8370411	-0,038	0,307
CHR1	8324660	CHR1:8324660	SSF x LoA	-5,06863858	-0,006	0,308
CHR1	8338357	CHR1:8338357	SSF x LoA	-10,6738831	0,019	0,300
CHR1	8338448	CHR1:8338448	SSF x LoA	-10,5478652	-0,007	0,318
CHR1	8342740	CHR1:8342740	SSF x LoA	-8,25882907	-0,115	0,305
CHR1	8347301	CHR1:8347301	SSF x LoA	-11,4328073	-0,007	0,307
CHR1	8351342	CHR1:8351342	SSF x LoA	-10,3732307	-0,088	0,316
CHR1	8351475	CHR1:8351475	SSF x LoA	-12,2443965	0,025	0,296
CHR1	8355975	CHR1:8355975	SSF x LoA	-6,83315654	-0,109	0,300
CHR1	8374263	CHR1:8374263	SSF x LoA	-9,17299465	-0,194	0,292
CHR1	8374365	CHR1:8374365	SSF x LoA	-9,00435942	-0,143	0,310
CHR1	838825	CHR1:838825	SSF x LoA	-10,3946363	0,023	0,302
CHR1	839014	CHR1:839014	SSF x LoA	-9,11621998	0,067	0,306
CHR1	8405950	CHR1:8405950	SSF x LoA	-7,17652796	-0,099	0,307
CHR1	8405952	CHR1:8405952	SSF x LoA	-11,9196843	0,032	0,305
CHR1	8405960	CHR1:8405960	SSF x LoA	-9,24481779	0,032	0,327
CHR1	8405964	CHR1:8405964	SSF x LoA	-9,93103203	-0,086	0,298
CHR1	8406049	CHR1:8406049	SSF x LoA	-7,57685524	-0,096	0,299
CHR1	841072	CHR1:841072	SSF x LoA	-8,26024263	-0,032	0,287
CHR1	841093	CHR1:841093	SSF x LoA	-8,85476168	-0,131	0,290
CHR1	841148	CHR1:841148	SSF x LoA	-10,9774057	-0,060	0,295
CHR1	8414152	CHR1:8414152	SSF x LoA	-9,33340549	-0,087	0,305
CHR1	8414197	CHR1:8414197	SSF x LoA	-8,5896147	0,120	0,309
CHR1	8414297	CHR1:8414297	SSF x LoA	-8,25178724	0,041	0,310
CHR1	8423794	CHR1:8423794	SSF x LoA	-9,46914466	-0,052	0,304
CHR1	8423915	CHR1:8423915	SSF x LoA	-5,1697042	-0,088	0,304
CHR1	8423928	CHR1:8423928	SSF x LoA	-8,46914752	-0,118	0,302
CHR1	8425585	CHR1:8425585	SSF x LoA	-5,33198165	0,096	0,310
CHR1	8425671	CHR1:8425671	SSF x LoA	-8,88819362	0,071	0,319

CHR1	843582	CHR1:843582	SSF x LoA	-9,89451331	-0,076	0,308
CHR1	843583	CHR1:843583	SSF x LoA	-7,2027476	0,157	0,292
CHR1	8436235	CHR1:8436235	SSF x LoA	-6,45654042	-0,241	0,295
CHR1	8436240	CHR1:8436240	SSF x LoA	-7,79429731	-0,104	0,302
CHR1	8436327	CHR1:8436327	SSF x LoA	-6,05468925	-0,108	0,305
CHR1	8436356	CHR1:8436356	SSF x LoA	-7,94447639	0,008	0,309
CHR1	8436365	CHR1:8436365	SSF x LoA	-8,97012925	0,000	0,297
CHR1	8436374	CHR1:8436374	SSF x LoA	-8,6144001	-0,011	0,305
CHR1	8446171	CHR1:8446171	SSF x LoA	-12,293481	-0,081	0,300
CHR1	8446172	CHR1:8446172	SSF x LoA	-11,0352718	-0,050	0,301
CHR1	8446173	CHR1:8446173	SSF x LoA	-6,89504793	0,103	0,292
CHR1	8446174	CHR1:8446174	SSF x LoA	-8,76185283	0,107	0,308
CHR1	8446175	CHR1:8446175	SSF x LoA	-8,85664872	0,128	0,309
CHR1	8446176	CHR1:8446176	SSF x LoA	-8,6028425	0,095	0,310
CHR1	8457590	CHR1:8457590	SSF x LoA	-10,6186341	0,074	0,311
CHR1	8457648	CHR1:8457648	SSF x LoA	-9,70553931	0,114	0,303
CHR1	8457677	CHR1:8457677	SSF x LoA	-10,3634896	-0,119	0,293
CHR1	8457690	CHR1:8457690	SSF x LoA	-9,96873568	-0,115	0,296
CHR1	8457709	CHR1:8457709	SSF x LoA	-8,94194402	-0,109	0,305
CHR1	8457741	CHR1:8457741	SSF x LoA	-11,5985976	-0,087	0,305
CHR1	8457746	CHR1:8457746	SSF x LoA	-7,88595064	-0,017	0,309
CHR1	8470026	CHR1:8470026	SSF x LoA	-5,06244425	-0,090	0,311
CHR1	8478566	CHR1:8478566	SSF x LoA	-7,45509199	0,060	0,312
CHR1	8478638	CHR1:8478638	SSF x LoA	-11,0376618	0,076	0,310
CHR1	8478693	CHR1:8478693	SSF x LoA	-11,6317234	-0,021	0,300
CHR1	8478759	CHR1:8478759	SSF x LoA	-9,16085545	0,082	0,312
CHR1	8478843	CHR1:8478843	SSF x LoA	-10,0894926	-0,005	0,303
CHR1	8480934	CHR1:8480934	SSF x LoA	-9,86694509	0,080	0,299
CHR1	8481032	CHR1:8481032	SSF x LoA	-10,3506698	-0,116	0,299
CHR1	8481045	CHR1:8481045	SSF x LoA	-5,86529741	0,057	0,289
CHR1	8481075	CHR1:8481075	SSF x LoA	-9,18820177	-0,108	0,314
CHR1	8481079	CHR1:8481079	SSF x LoA	-10,7294848	-0,023	0,302
CHR1	8481128	CHR1:8481128	SSF x LoA	-8,9522314	0,098	0,290
CHR1	8482300	CHR1:8482300	SSF x LoA	-9,19850699	-0,014	0,314
CHR1	8496836	CHR1:8496836	SSF x LoA	-10,0249012	0,003	0,306
CHR1	8498579	CHR1:8498579	SSF x LoA	-9,20572153	0,002	0,306
CHR1	8506841	CHR1:8506841	SSF x LoA	-9,70010314	0,029	0,313
CHR1	8506886	CHR1:8506886	SSF x LoA	-9,89242412	-0,028	0,314
CHR1	8506904	CHR1:8506904	SSF x LoA	-9,40883974	-0,011	0,306
CHR1	8506919	CHR1:8506919	SSF x LoA	-7,00942761	0,041	0,309
CHR1	851151	CHR1:851151	SSF x LoA	-11,3207337	-0,025	0,294
CHR1	8512053	CHR1:8512053	SSF x LoA	-9,95659868	-0,056	0,305
CHR1	851251	CHR1:851251	SSF x LoA	-10,6916807	-0,039	0,298
CHR1	851286	CHR1:851286	SSF x LoA	-5,70425837	-0,157	0,310
CHR1	851328	CHR1:851328	SSF x LoA	-11,1954514	-0,079	0,301
CHR1	851450	CHR1:851450	SSF x LoA	-9,54336448	0,138	0,307
CHR1	8514801	CHR1:8514801	SSF x LoA	-5,50575584	0,129	0,311
CHR1	8514808	CHR1:8514808	SSF x LoA	-8,24887018	0,104	0,292
CHR1	8514824	CHR1:8514824	SSF x LoA	-7,94004844	0,103	0,305
CHR1	851489	CHR1:851489	SSF x LoA	-8,15234569	0,109	0,310
CHR1	8519693	CHR1:8519693	SSF x LoA	-7,89028462	0,100	0,310
CHR1	8519694	CHR1:8519694	SSF x LoA	-9,9877561	0,092	0,296
CHR1	8519695	CHR1:8519695	SSF x LoA	-10,2823697	0,101	0,305

CHR1	8519776	CHR1:8519776	SSF x LoA	-11,0227815	-0,011	0,302
CHR1	8525889	CHR1:8525889	SSF x LoA	-8,53384865	0,013	0,318
CHR1	8533298	CHR1:8533298	SSF x LoA	-10,5997555	0,035	0,306
CHR1	8533374	CHR1:8533374	SSF x LoA	-11,7465358	-0,005	0,303
CHR1	8544340	CHR1:8544340	SSF x LoA	-6,91658245	-0,054	0,310
CHR1	8545066	CHR1:8545066	SSF x LoA	-9,25676652	-0,014	0,314
CHR1	8545074	CHR1:8545074	SSF x LoA	-10,4177361	0,098	0,308
CHR1	8545094	CHR1:8545094	SSF x LoA	-7,24278087	-0,006	0,289
CHR1	8545128	CHR1:8545128	SSF x LoA	-10,3132268	0,109	0,314
CHR1	8545147	CHR1:8545147	SSF x LoA	-10,5031996	0,020	0,297
CHR1	8545176	CHR1:8545176	SSF x LoA	-10,7856634	0,058	0,310
CHR1	8546117	CHR1:8546117	SSF x LoA	-8,70447361	0,060	0,308
CHR1	8552374	CHR1:8552374	SSF x LoA	-10,0899967	0,037	0,312
CHR1	8552441	CHR1:8552441	SSF x LoA	-9,79863497	0,037	0,298
CHR1	8552468	CHR1:8552468	SSF x LoA	-10,509253	0,022	0,312
CHR1	8557875	CHR1:8557875	SSF x LoA	-10,6738811	-0,081	0,301
CHR1	8557887	CHR1:8557887	SSF x LoA	-11,4983553	0,059	0,303
CHR1	8557892	CHR1:8557892	SSF x LoA	-8,75818059	-0,095	0,302
CHR1	8557910	CHR1:8557910	SSF x LoA	-8,83893264	0,077	0,297
CHR1	8557983	CHR1:8557983	SSF x LoA	-11,3289409	0,003	0,313
CHR1	8562856	CHR1:8562856	SSF x LoA	3,70177404	-0,199	0,293
CHR1	8562892	CHR1:8562892	SSF x LoA	-8,70159565	0,086	0,314
CHR1	8562910	CHR1:8562910	SSF x LoA	-10,0520767	-0,049	0,316
CHR1	8562930	CHR1:8562930	SSF x LoA	-8,62971457	0,078	0,304
CHR1	8562942	CHR1:8562942	SSF x LoA	-8,19908116	0,147	0,304
CHR1	8562984	CHR1:8562984	SSF x LoA	-9,35662137	-0,029	0,291
CHR1	8562985	CHR1:8562985	SSF x LoA	-10,7563263	0,115	0,296
CHR1	8563004	CHR1:8563004	SSF x LoA	-8,51494711	-0,024	0,314
CHR1	8563017	CHR1:8563017	SSF x LoA	-7,57573653	-0,058	0,313
CHR1	8563018	CHR1:8563018	SSF x LoA	-7,73248628	-0,039	0,321
CHR1	8563069	CHR1:8563069	SSF x LoA	-8,7363523	-0,095	0,311
CHR1	8574364	CHR1:8574364	SSF x LoA	-9,69152541	-0,038	0,311
CHR1	8580027	CHR1:8580027	SSF x LoA	-9,16632896	0,031	0,305
CHR1	8584246	CHR1:8584246	SSF x LoA	-8,74350292	-0,044	0,311
CHR1	8598213	CHR1:8598213	SSF x LoA	-6,78920145	0,086	0,312
CHR1	8600451	CHR1:8600451	SSF x LoA	-7,97913294	-0,083	0,311
CHR1	8605599	CHR1:8605599	SSF x LoA	-10,1532639	0,073	0,307
CHR1	8605600	CHR1:8605600	SSF x LoA	-9,93486679	-0,102	0,307
CHR1	8605622	CHR1:8605622	SSF x LoA	-9,84388166	0,060	0,292
CHR1	8605653	CHR1:8605653	SSF x LoA	-9,94939823	-0,085	0,310
CHR1	8617484	CHR1:8617484	SSF x LoA	-9,64027122	0,073	0,308
CHR1	8617771	CHR1:8617771	SSF x LoA	-9,17557386	-0,006	0,323
CHR1	8630059	CHR1:8630059	SSF x LoA	-8,72223069	0,106	0,294
CHR1	8630108	CHR1:8630108	SSF x LoA	-9,47238414	-0,010	0,310
CHR1	8630151	CHR1:8630151	SSF x LoA	-5,26255849	0,166	0,298
CHR1	8630160	CHR1:8630160	SSF x LoA	-9,53108245	0,075	0,315
CHR1	8630235	CHR1:8630235	SSF x LoA	-6,30065498	0,166	0,306
CHR1	8634924	CHR1:8634924	SSF x LoA	-11,1759207	0,042	0,299
CHR1	8634955	CHR1:8634955	SSF x LoA	-3,74740966	-0,131	0,293
CHR1	8634977	CHR1:8634977	SSF x LoA	-7,71839745	-0,102	0,306
CHR1	8650986	CHR1:8650986	SSF x LoA	-9,66580801	0,020	0,301
CHR1	8657499	CHR1:8657499	SSF x LoA	-9,9293596	0,021	0,301
CHR1	8657522	CHR1:8657522	SSF x LoA	-8,88963639	0,049	0,314

CHR1	8657551	CHR1:8657551	SSF x LoA	-8,15117089	0,071	0,324
CHR1	8657697	CHR1:8657697	SSF x LoA	-8,95910057	-0,083	0,316
CHR1	8660164	CHR1:8660164	SSF x LoA	-8,68510684	-0,019	0,305
CHR1	8660210	CHR1:8660210	SSF x LoA	-10,8883623	-0,081	0,306
CHR1	8660225	CHR1:8660225	SSF x LoA	-7,27901382	0,111	0,302
CHR1	8660269	CHR1:8660269	SSF x LoA	-8,26660912	0,117	0,289
CHR1	866156	CHR1:866156	SSF x LoA	-8,78717716	0,047	0,313
CHR1	8661751	CHR1:8661751	SSF x LoA	-5,66582041	-0,104	0,309
CHR1	8661848	CHR1:8661848	SSF x LoA	-10,6663261	-0,025	0,332
CHR1	8661880	CHR1:8661880	SSF x LoA	-10,6632978	-0,048	0,305
CHR1	8661941	CHR1:8661941	SSF x LoA	-9,00470281	0,044	0,312
CHR1	8661970	CHR1:8661970	SSF x LoA	-2,58013106	0,103	0,293
CHR1	866232	CHR1:866232	SSF x LoA	-7,06371946	0,113	0,301
CHR1	8663511	CHR1:8663511	SSF x LoA	-5,60770689	0,105	0,309
CHR1	8663534	CHR1:8663534	SSF x LoA	-11,4550156	0,000	0,316
CHR1	8663575	CHR1:8663575	SSF x LoA	-8,97770018	-0,022	0,310
CHR1	866359	CHR1:866359	SSF x LoA	-4,65307256	0,191	0,287
CHR1	8663595	CHR1:8663595	SSF x LoA	-8,25149674	0,012	0,309
CHR1	8663653	CHR1:8663653	SSF x LoA	-11,4758503	-0,078	0,306
CHR1	8663673	CHR1:8663673	SSF x LoA	26,9265091	0,126	0,309
CHR1	8663683	CHR1:8663683	SSF x LoA	-9,86173035	0,124	0,305
CHR1	8663686	CHR1:8663686	SSF x LoA	-11,6004748	0,041	0,311
CHR1	8663708	CHR1:8663708	SSF x LoA	-9,95885806	0,126	0,306
CHR1	8663749	CHR1:8663749	SSF x LoA	-9,19381188	0,126	0,303
CHR1	8685679	CHR1:8685679	SSF x LoA	-11,6082713	0,041	0,298
CHR1	8689110	CHR1:8689110	SSF x LoA	-4,92174287	-0,091	0,318
CHR1	8689152	CHR1:8689152	SSF x LoA	-8,97558626	-0,041	0,318
CHR1	8689225	CHR1:8689225	SSF x LoA	-8,55977082	0,007	0,303
CHR1	8696291	CHR1:8696291	SSF x LoA	-7,9115817	-0,053	0,312
CHR1	8696292	CHR1:8696292	SSF x LoA	-8,59165243	-0,057	0,303
CHR1	869754	CHR1:869754	SSF x LoA	-9,36184036	-0,040	0,321
CHR1	870802	CHR1:870802	SSF x LoA	-8,48820862	0,164	0,304
CHR1	8715759	CHR1:8715759	SSF x LoA	-8,62109013	-0,104	0,290
CHR1	8715763	CHR1:8715763	SSF x LoA	-8,12493844	0,079	0,316
CHR1	8715826	CHR1:8715826	SSF x LoA	-11,3275892	0,068	0,308
CHR1	8715910	CHR1:8715910	SSF x LoA	-10,5856077	-0,032	0,292
CHR1	8727726	CHR1:8727726	SSF x LoA	-9,77372737	0,001	0,309
CHR1	8727747	CHR1:8727747	SSF x LoA	-8,84842395	-0,117	0,302
CHR1	8727810	CHR1:8727810	SSF x LoA	-7,09096708	0,104	0,295
CHR1	8727900	CHR1:8727900	SSF x LoA	-10,1981483	0,048	0,294
CHR1	8727904	CHR1:8727904	SSF x LoA	-8,7210449	0,041	0,287
CHR1	8727911	CHR1:8727911	SSF x LoA	-9,11235621	0,060	0,292
CHR1	8731336	CHR1:8731336	SSF x LoA	-10,3180523	0,054	0,307
CHR1	8731372	CHR1:8731372	SSF x LoA	-10,309228	0,096	0,301
CHR1	8731493	CHR1:8731493	SSF x LoA	-9,19822614	-0,015	0,313
CHR1	8733106	CHR1:8733106	SSF x LoA	-10,1400711	-0,084	0,304
CHR1	8735321	CHR1:8735321	SSF x LoA	-11,8577196	-0,082	0,304
CHR1	8735389	CHR1:8735389	SSF x LoA	-0,83816959	-0,131	0,296
CHR1	8735528	CHR1:8735528	SSF x LoA	-12,1694848	-0,076	0,310
CHR1	87384	CHR1:87384	SSF x LoA	-10,5053888	-0,016	0,298
CHR1	8739431	CHR1:8739431	SSF x LoA	-8,398765	0,045	0,319
CHR1	8739671	CHR1:8739671	SSF x LoA	-8,58693208	0,092	0,302
CHR1	8750100	CHR1:8750100	SSF x LoA	-10,6524191	0,046	0,323

CHR1	8750119	CHR1:8750119	SSF x LoA	-8,35343867	-0,088	0,308
CHR1	8750131	CHR1:8750131	SSF x LoA	-7,81094081	-0,093	0,303
CHR1	8750132	CHR1:8750132	SSF x LoA	-8,65269227	-0,081	0,307
CHR1	8750140	CHR1:8750140	SSF x LoA	-6,47077409	-0,100	0,311
CHR1	8750142	CHR1:8750142	SSF x LoA	-11,5811401	0,001	0,308
CHR1	8750160	CHR1:8750160	SSF x LoA	-8,38533791	0,095	0,304
CHR1	8750199	CHR1:8750199	SSF x LoA	-11,3541435	-0,080	0,311
CHR1	8750205	CHR1:8750205	SSF x LoA	-10,3956213	0,133	0,294
CHR1	8750208	CHR1:8750208	SSF x LoA	-9,79273023	0,029	0,301
CHR1	8750223	CHR1:8750223	SSF x LoA	-11,1020725	-0,036	0,324
CHR1	8756278	CHR1:8756278	SSF x LoA	-11,2903121	0,026	0,311
CHR1	8756555	CHR1:8756555	SSF x LoA	-8,42655481	-0,021	0,298
CHR1	8762991	CHR1:8762991	SSF x LoA	-7,19684199	0,167	0,308
CHR1	8765332	CHR1:8765332	SSF x LoA	-7,2540435	-0,042	0,295
CHR1	8777077	CHR1:8777077	SSF x LoA	-10,3788613	-0,048	0,303
CHR1	8783302	CHR1:8783302	SSF x LoA	-8,69325518	0,005	0,311
CHR1	8783331	CHR1:8783331	SSF x LoA	-8,22177826	-0,068	0,308
CHR1	8793020	CHR1:8793020	SSF x LoA	-9,13217955	0,082	0,312
CHR1	8793258	CHR1:8793258	SSF x LoA	-10,314087	0,131	0,285
CHR1	880038	CHR1:880038	SSF x LoA	-11,0437338	-0,003	0,287
CHR1	880076	CHR1:880076	SSF x LoA	-6,25955653	0,056	0,302
CHR1	8803671	CHR1:8803671	SSF x LoA	-7,87381763	-0,031	0,320
CHR1	8803793	CHR1:8803793	SSF x LoA	-7,10204479	0,110	0,301
CHR1	8803794	CHR1:8803794	SSF x LoA	-1,21484546	0,122	0,293
CHR1	8803827	CHR1:8803827	SSF x LoA	-6,3313679	0,129	0,301
CHR1	8805507	CHR1:8805507	SSF x LoA	-8,80720823	-0,087	0,307
CHR1	8805534	CHR1:8805534	SSF x LoA	-9,32070625	-0,073	0,308
CHR1	8805596	CHR1:8805596	SSF x LoA	-12,1288465	0,022	0,303
CHR1	8805597	CHR1:8805597	SSF x LoA	-10,8127561	-0,007	0,319
CHR1	8806069	CHR1:8806069	SSF x LoA	-10,0146166	0,094	0,304
CHR1	881605	CHR1:881605	SSF x LoA	-6,22982201	0,020	0,312
CHR1	881735	CHR1:881735	SSF x LoA	-7,6955551	-0,064	0,306
CHR1	8820132	CHR1:8820132	SSF x LoA	-8,65342099	-0,076	0,293
CHR1	883640	CHR1:883640	SSF x LoA	-8,68463713	-0,018	0,318
CHR1	883677	CHR1:883677	SSF x LoA	-9,86470903	-0,017	0,307
CHR1	884790	CHR1:884790	SSF x LoA	-8,23939425	0,065	0,308
CHR1	8863318	CHR1:8863318	SSF x LoA	-10,2232207	0,065	0,314
CHR1	8864303	CHR1:8864303	SSF x LoA	-8,19721118	0,008	0,306
CHR1	8864361	CHR1:8864361	SSF x LoA	-9,6393233	0,124	0,289
CHR1	8865342	CHR1:8865342	SSF x LoA	-6,78360713	0,106	0,289
CHR1	8865412	CHR1:8865412	SSF x LoA	-9,27623351	-0,088	0,303
CHR1	8866726	CHR1:8866726	SSF x LoA	-9,93230329	-0,002	0,306
CHR1	8868157	CHR1:8868157	SSF x LoA	-8,69935175	0,073	0,310
CHR1	8868170	CHR1:8868170	SSF x LoA	-10,3586137	0,076	0,291
CHR1	8879989	CHR1:8879989	SSF x LoA	-9,00417383	-0,014	0,312
CHR1	8880025	CHR1:8880025	SSF x LoA	-9,24469669	0,080	0,306
CHR1	8880094	CHR1:8880094	SSF x LoA	-11,3407574	-0,041	0,300
CHR1	8889035	CHR1:8889035	SSF x LoA	-10,4520391	0,087	0,298
CHR1	8889132	CHR1:8889132	SSF x LoA	-8,28188069	0,051	0,323
CHR1	8892612	CHR1:8892612	SSF x LoA	-7,67513284	-0,117	0,311
CHR1	8892659	CHR1:8892659	SSF x LoA	-11,2592825	0,084	0,299
CHR1	8892661	CHR1:8892661	SSF x LoA	-4,65608185	0,053	0,319
CHR1	8892705	CHR1:8892705	SSF x LoA	-7,23805914	-0,012	0,305

CHR1	8895273	CHR1:8895273	SSF x LoA	-6,90869055	-0,041	0,303
CHR1	8895356	CHR1:8895356	SSF x LoA	-9,36088986	-0,070	0,311
CHR1	8895372	CHR1:8895372	SSF x LoA	-4,47911982	-0,133	0,302
CHR1	8895412	CHR1:8895412	SSF x LoA	-8,10301927	0,072	0,307
CHR1	8897296	CHR1:8897296	SSF x LoA	-11,1582406	0,030	0,301
CHR1	8901009	CHR1:8901009	SSF x LoA	-10,3935873	0,042	0,297
CHR1	8901050	CHR1:8901050	SSF x LoA	-8,17144058	-0,008	0,314
CHR1	8901079	CHR1:8901079	SSF x LoA	-11,4661968	0,019	0,305
CHR1	8901092	CHR1:8901092	SSF x LoA	-7,54420791	0,026	0,308
CHR1	8901094	CHR1:8901094	SSF x LoA	-9,14443463	-0,061	0,306
CHR1	8903096	CHR1:8903096	SSF x LoA	-9,64625917	0,096	0,308
CHR1	8903286	CHR1:8903286	SSF x LoA	-11,7284907	-0,008	0,293
CHR1	8910339	CHR1:8910339	SSF x LoA	-10,8364989	-0,015	0,324
CHR1	8910382	CHR1:8910382	SSF x LoA	-11,6599848	0,066	0,296
CHR1	8913371	CHR1:8913371	SSF x LoA	-8,26273466	0,043	0,302
CHR1	8913461	CHR1:8913461	SSF x LoA	-10,6705457	0,093	0,298
CHR1	8918087	CHR1:8918087	SSF x LoA	-10,4225784	-0,048	0,309
CHR1	8923074	CHR1:8923074	SSF x LoA	-9,62458216	0,017	0,311
CHR1	8938616	CHR1:8938616	SSF x LoA	-9,74058647	0,010	0,319
CHR1	8939565	CHR1:8939565	SSF x LoA	-10,3285438	0,044	0,325
CHR1	8939575	CHR1:8939575	SSF x LoA	-10,7999516	-0,027	0,313
CHR1	8939582	CHR1:8939582	SSF x LoA	-10,0757292	0,020	0,303
CHR1	8939614	CHR1:8939614	SSF x LoA	-9,42428923	0,144	0,290
CHR1	8939657	CHR1:8939657	SSF x LoA	-1,22717166	-0,124	0,309
CHR1	8939670	CHR1:8939670	SSF x LoA	-10,1121003	0,052	0,309
CHR1	894374	CHR1:894374	SSF x LoA	-9,92578355	0,083	0,298
CHR1	8943842	CHR1:8943842	SSF x LoA	-10,6536173	0,012	0,302
CHR1	8943924	CHR1:8943924	SSF x LoA	-0,89148697	0,182	0,309
CHR1	8944846	CHR1:8944846	SSF x LoA	-10,7942771	-0,088	0,303
CHR1	8944849	CHR1:8944849	SSF x LoA	-8,20573156	-0,067	0,306
CHR1	8944856	CHR1:8944856	SSF x LoA	-8,03461749	-0,016	0,304
CHR1	8944876	CHR1:8944876	SSF x LoA	-8,39754516	0,061	0,309
CHR1	8951588	CHR1:8951588	SSF x LoA	-10,8477462	-0,067	0,297
CHR1	8956215	CHR1:8956215	SSF x LoA	-9,85804413	0,037	0,295
CHR1	8956398	CHR1:8956398	SSF x LoA	-10,250303	0,043	0,296
CHR1	8956401	CHR1:8956401	SSF x LoA	-9,21007731	-0,126	0,307
CHR1	8956458	CHR1:8956458	SSF x LoA	5,89682173	-0,009	0,302
CHR1	8956467	CHR1:8956467	SSF x LoA	-8,69425747	0,077	0,309
CHR1	8956479	CHR1:8956479	SSF x LoA	-7,80824094	0,085	0,315
CHR1	8961044	CHR1:8961044	SSF x LoA	-11,3468412	-0,058	0,307
CHR1	8961049	CHR1:8961049	SSF x LoA	-11,4837791	-0,012	0,307
CHR1	8961057	CHR1:8961057	SSF x LoA	-8,35002194	-0,074	0,295
CHR1	8961061	CHR1:8961061	SSF x LoA	-6,5334899	-0,090	0,306
CHR1	8961073	CHR1:8961073	SSF x LoA	-8,13899678	-0,125	0,302
CHR1	8961129	CHR1:8961129	SSF x LoA	-6,85492507	0,058	0,310
CHR1	8961139	CHR1:8961139	SSF x LoA	-8,74931598	-0,140	0,301
CHR1	8961170	CHR1:8961170	SSF x LoA	-11,2566536	0,036	0,297
CHR1	8961177	CHR1:8961177	SSF x LoA	-3,73080962	-0,122	0,299
CHR1	896306	CHR1:896306	SSF x LoA	-8,92598114	0,044	0,312
CHR1	8984630	CHR1:8984630	SSF x LoA	-8,48505059	-0,073	0,316
CHR1	8984673	CHR1:8984673	SSF x LoA	-8,39485943	0,057	0,306
CHR1	8984688	CHR1:8984688	SSF x LoA	-7,33642362	-0,017	0,303
CHR1	8984689	CHR1:8984689	SSF x LoA	-8,49409305	0,002	0,307

CHR1	8984697	CHR1:8984697	SSF x LoA	-6,26762015	-0,031	0,299
CHR1	8987109	CHR1:8987109	SSF x LoA	-4,50191771	-0,143	0,297
CHR1	8987123	CHR1:8987123	SSF x LoA	-7,64973498	-0,166	0,284
CHR1	8987165	CHR1:8987165	SSF x LoA	-8,210554	-0,049	0,311
CHR1	8987177	CHR1:8987177	SSF x LoA	-8,09298763	-0,108	0,307
CHR1	8987186	CHR1:8987186	SSF x LoA	-7,95438619	-0,129	0,309
CHR1	8987208	CHR1:8987208	SSF x LoA	-4,54070761	0,152	0,306
CHR1	8987248	CHR1:8987248	SSF x LoA	-8,05473699	0,071	0,322
CHR1	8987249	CHR1:8987249	SSF x LoA	-5,63113038	0,113	0,320
CHR1	8987265	CHR1:8987265	SSF x LoA	-9,14263934	-0,098	0,303
CHR1	8987266	CHR1:8987266	SSF x LoA	-11,8823432	-0,087	0,304
CHR1	8987280	CHR1:8987280	SSF x LoA	-8,64382672	0,058	0,307
CHR1	8989914	CHR1:8989914	SSF x LoA	-10,6554167	0,002	0,313
CHR1	8990519	CHR1:8990519	SSF x LoA	-11,2314657	0,058	0,304
CHR1	9007682	CHR1:9007682	SSF x LoA	-8,6123002	0,049	0,303
CHR1	9016762	CHR1:9016762	SSF x LoA	-6,55573056	0,026	0,299
CHR1	9016792	CHR1:9016792	SSF x LoA	-9,50726281	0,026	0,317
CHR1	9016795	CHR1:9016795	SSF x LoA	-9,01095799	0,003	0,306
CHR1	9016833	CHR1:9016833	SSF x LoA	-8,69181185	0,037	0,324
CHR1	9016876	CHR1:9016876	SSF x LoA	-8,29286986	0,032	0,297
CHR1	9016879	CHR1:9016879	SSF x LoA	-10,2492431	-0,024	0,289
CHR1	9016889	CHR1:9016889	SSF x LoA	-8,74263065	-0,094	0,306
CHR1	9021080	CHR1:9021080	SSF x LoA	-5,13258859	0,205	0,298
CHR1	9021099	CHR1:9021099	SSF x LoA	-8,05630706	0,165	0,283
CHR1	9021146	CHR1:9021146	SSF x LoA	-5,33867318	0,126	0,311
CHR1	9024158	CHR1:9024158	SSF x LoA	-9,24679844	-0,016	0,297
CHR1	9024185	CHR1:9024185	SSF x LoA	-7,91993918	-0,020	0,287
CHR1	9024251	CHR1:9024251	SSF x LoA	-6,25944081	-0,072	0,295
CHR1	9024332	CHR1:9024332	SSF x LoA	-8,08979589	0,023	0,315
CHR1	9024369	CHR1:9024369	SSF x LoA	-10,9125341	0,010	0,321
CHR1	9024373	CHR1:9024373	SSF x LoA	-9,10803022	-0,015	0,322
CHR1	9024380	CHR1:9024380	SSF x LoA	-7,82310024	0,052	0,300
CHR1	9024415	CHR1:9024415	SSF x LoA	-8,40050403	0,013	0,293
CHR1	9025675	CHR1:9025675	SSF x LoA	-10,4879572	0,034	0,306
CHR1	9028219	CHR1:9028219	SSF x LoA	-3,49781224	0,085	0,307
CHR1	9028220	CHR1:9028220	SSF x LoA	-8,91098508	0,029	0,304
CHR1	9028223	CHR1:9028223	SSF x LoA	-9,73919867	0,042	0,304
CHR1	9028251	CHR1:9028251	SSF x LoA	-10,9266319	-0,013	0,311
CHR1	9028270	CHR1:9028270	SSF x LoA	-7,31695097	0,044	0,303
CHR1	9028271	CHR1:9028271	SSF x LoA	-11,3084931	0,037	0,307
CHR1	9028289	CHR1:9028289	SSF x LoA	-8,55466266	0,063	0,310
CHR1	903045	CHR1:903045	SSF x LoA	-8,51481038	0,071	0,309
CHR1	9035238	CHR1:9035238	SSF x LoA	-11,5119233	-0,108	0,297
CHR1	9035414	CHR1:9035414	SSF x LoA	-8,66409963	-0,017	0,305
CHR1	9046383	CHR1:9046383	SSF x LoA	-8,15241946	0,022	0,311
CHR1	9060089	CHR1:9060089	SSF x LoA	-10,3156295	0,015	0,298
CHR1	90621	CHR1:90621	SSF x LoA	-9,96201458	-0,081	0,310
CHR1	9063900	CHR1:9063900	SSF x LoA	-11,1664807	0,058	0,316
CHR1	906546	CHR1:906546	SSF x LoA	-9,90037372	-0,144	0,295
CHR1	906550	CHR1:906550	SSF x LoA	-10,7745883	-0,019	0,312
CHR1	9066287	CHR1:9066287	SSF x LoA	-7,00626428	-0,099	0,296
CHR1	906773	CHR1:906773	SSF x LoA	-7,51446938	-0,171	0,304
CHR1	906784	CHR1:906784	SSF x LoA	-7,61662091	-0,187	0,293

CHR1	9074126	CHR1:9074126	SSF x LoA	-10,4782151	0,001	0,308
CHR1	9088580	CHR1:9088580	SSF x LoA	-6,85168628	0,062	0,305
CHR1	9088689	CHR1:9088689	SSF x LoA	-8,37713897	-0,070	0,301
CHR1	9088696	CHR1:9088696	SSF x LoA	-10,5221775	0,055	0,300
CHR1	9088747	CHR1:9088747	SSF x LoA	-11,1123872	0,104	0,291
CHR1	9088762	CHR1:9088762	SSF x LoA	-10,1922209	-0,052	0,308
CHR1	9093281	CHR1:9093281	SSF x LoA	-9,39452664	-0,069	0,320
CHR1	9093304	CHR1:9093304	SSF x LoA	-11,6117862	-0,025	0,308
CHR1	9093313	CHR1:9093313	SSF x LoA	-9,25424616	-0,050	0,307
CHR1	9093315	CHR1:9093315	SSF x LoA	-11,338885	-0,044	0,298
CHR1	9093317	CHR1:9093317	SSF x LoA	-10,6654385	-0,053	0,295
CHR1	9093439	CHR1:9093439	SSF x LoA	-7,35274074	-0,082	0,308
CHR1	9093534	CHR1:9093534	SSF x LoA	-6,40654115	-0,011	0,314
CHR1	9094656	CHR1:9094656	SSF x LoA	-4,12367646	0,099	0,310
CHR1	9094795	CHR1:9094795	SSF x LoA	-9,95429237	-0,072	0,321
CHR1	9099720	CHR1:9099720	SSF x LoA	-5,69819645	-0,150	0,292
CHR1	9100285	CHR1:9100285	SSF x LoA	-8,37702249	0,016	0,306
CHR1	9102226	CHR1:9102226	SSF x LoA	-8,37234297	0,096	0,284
CHR1	9107425	CHR1:9107425	SSF x LoA	-7,11365222	-0,125	0,306
CHR1	9109648	CHR1:9109648	SSF x LoA	-9,31739314	-0,051	0,307
CHR1	9109653	CHR1:9109653	SSF x LoA	-5,94963902	-0,058	0,312
CHR1	9109692	CHR1:9109692	SSF x LoA	-10,3120607	0,085	0,285
CHR1	9109711	CHR1:9109711	SSF x LoA	-10,9324626	0,077	0,309
CHR1	9109740	CHR1:9109740	SSF x LoA	-5,95990121	0,169	0,302
CHR1	9109897	CHR1:9109897	SSF x LoA	-9,57837191	-0,173	0,292
CHR1	9112262	CHR1:9112262	SSF x LoA	-8,37351255	0,072	0,305
CHR1	9112288	CHR1:9112288	SSF x LoA	-9,04776296	-0,016	0,304
CHR1	9112374	CHR1:9112374	SSF x LoA	-9,32635499	0,015	0,310
CHR1	9112422	CHR1:9112422	SSF x LoA	-10,5199828	-0,048	0,305
CHR1	9114175	CHR1:9114175	SSF x LoA	-6,87966317	-0,049	0,313
CHR1	9122558	CHR1:9122558	SSF x LoA	-9,30155303	-0,008	0,312
CHR1	9122575	CHR1:9122575	SSF x LoA	-9,0857287	-0,002	0,300
CHR1	9122644	CHR1:9122644	SSF x LoA	-10,7580751	-0,011	0,298
CHR1	9122728	CHR1:9122728	SSF x LoA	-12,1026111	-0,038	0,304
CHR1	9122729	CHR1:9122729	SSF x LoA	-10,2126487	-0,054	0,298
CHR1	9122738	CHR1:9122738	SSF x LoA	-5,67762092	-0,014	0,319
CHR1	9122810	CHR1:9122810	SSF x LoA	-7,16535377	-0,154	0,286
CHR1	9126445	CHR1:9126445	SSF x LoA	-9,15055453	-0,078	0,294
CHR1	9126489	CHR1:9126489	SSF x LoA	-6,91579111	0,146	0,307
CHR1	9133708	CHR1:9133708	SSF x LoA	-8,68949131	-0,029	0,308
CHR1	9133852	CHR1:9133852	SSF x LoA	-10,3359482	0,018	0,300
CHR1	9133883	CHR1:9133883	SSF x LoA	-10,3135922	-0,017	0,313
CHR1	9133928	CHR1:9133928	SSF x LoA	-11,163263	0,062	0,316
CHR1	9133937	CHR1:9133937	SSF x LoA	-8,41777122	-0,020	0,319
CHR1	9133979	CHR1:9133979	SSF x LoA	-7,18534413	-0,005	0,308
CHR1	9133980	CHR1:9133980	SSF x LoA	-9,12538288	-0,034	0,309
CHR1	9133996	CHR1:9133996	SSF x LoA	-10,6074226	0,076	0,307
CHR1	914124	CHR1:914124	SSF x LoA	-11,1508744	-0,113	0,307
CHR1	914130	CHR1:914130	SSF x LoA	-9,69244356	-0,091	0,300
CHR1	9143547	CHR1:9143547	SSF x LoA	-5,01254878	0,129	0,282
CHR1	9143596	CHR1:9143596	SSF x LoA	-9,42671409	0,142	0,292
CHR1	9143598	CHR1:9143598	SSF x LoA	-8,68309023	-0,049	0,307
CHR1	9143648	CHR1:9143648	SSF x LoA	-1,62801831	0,251	0,296

CHR1	9143657	CHR1:9143657	SSF x LoA	-9,10963078	0,121	0,298
CHR1	9143681	CHR1:9143681	SSF x LoA	-11,335021	0,012	0,317
CHR1	9143798	CHR1:9143798	SSF x LoA	-7,11406413	-0,177	0,291
CHR1	9145115	CHR1:9145115	SSF x LoA	-9,50385516	-0,057	0,311
CHR1	9145362	CHR1:9145362	SSF x LoA	-12,3833275	-0,042	0,297
CHR1	9153173	CHR1:9153173	SSF x LoA	-8,05867486	0,045	0,300
CHR1	9153349	CHR1:9153349	SSF x LoA	-9,12643051	0,009	0,281
CHR1	9153367	CHR1:9153367	SSF x LoA	-9,13325029	-0,047	0,314
CHR1	9157238	CHR1:9157238	SSF x LoA	-7,28398462	0,098	0,305
CHR1	9165156	CHR1:9165156	SSF x LoA	-8,71667024	-0,107	0,304
CHR1	9165202	CHR1:9165202	SSF x LoA	-9,91697679	-0,014	0,309
CHR1	9168229	CHR1:9168229	SSF x LoA	-9,49359987	-0,006	0,309
CHR1	9168270	CHR1:9168270	SSF x LoA	-7,37613719	-0,074	0,316
CHR1	9173408	CHR1:9173408	SSF x LoA	-8,22630311	-0,009	0,303
CHR1	9175469	CHR1:9175469	SSF x LoA	-7,90254839	0,105	0,295
CHR1	9175542	CHR1:9175542	SSF x LoA	-6,73893435	0,116	0,288
CHR1	9179736	CHR1:9179736	SSF x LoA	-10,0989932	-0,091	0,303
CHR1	9179762	CHR1:9179762	SSF x LoA	-9,86603854	-0,059	0,313
CHR1	9179765	CHR1:9179765	SSF x LoA	-9,26283144	0,035	0,296
CHR1	9179781	CHR1:9179781	SSF x LoA	-9,86782446	-0,069	0,311
CHR1	9179787	CHR1:9179787	SSF x LoA	-9,23457996	-0,066	0,303
CHR1	9179893	CHR1:9179893	SSF x LoA	-7,81055066	-0,008	0,316
CHR1	9179897	CHR1:9179897	SSF x LoA	-5,80449904	-0,017	0,322
CHR1	9179948	CHR1:9179948	SSF x LoA	-9,49872697	0,071	0,302
CHR1	9179965	CHR1:9179965	SSF x LoA	-9,76871726	0,033	0,308
CHR1	9179975	CHR1:9179975	SSF x LoA	-11,9017175	0,014	0,305
CHR1	9180958	CHR1:9180958	SSF x LoA	-7,88971128	0,168	0,288
CHR1	9188077	CHR1:9188077	SSF x LoA	-9,89088363	0,014	0,308
CHR1	919019	CHR1:919019	SSF x LoA	-10,5122482	-0,020	0,314
CHR1	919301	CHR1:919301	SSF x LoA	-7,17410934	-0,134	0,303
CHR1	9198778	CHR1:9198778	SSF x LoA	-10,8829229	0,003	0,316
CHR1	9198847	CHR1:9198847	SSF x LoA	-9,78096552	-0,050	0,313
CHR1	9232170	CHR1:9232170	SSF x LoA	-8,1295495	-0,153	0,291
CHR1	9232262	CHR1:9232262	SSF x LoA	-9,33174635	-0,084	0,314
CHR1	9232311	CHR1:9232311	SSF x LoA	-9,76058643	0,053	0,306
CHR1	9242312	CHR1:9242312	SSF x LoA	-9,20952995	-0,033	0,300
CHR1	9242459	CHR1:9242459	SSF x LoA	-7,27875722	-0,022	0,304
CHR1	9242480	CHR1:9242480	SSF x LoA	-8,50286204	0,076	0,299
CHR1	9242506	CHR1:9242506	SSF x LoA	-9,46948315	-0,036	0,314
CHR1	9246448	CHR1:9246448	SSF x LoA	-9,21712531	-0,130	0,292
CHR1	9246474	CHR1:9246474	SSF x LoA	-7,73158022	-0,011	0,320
CHR1	9248654	CHR1:9248654	SSF x LoA	-9,14910009	-0,019	0,309
CHR1	9251221	CHR1:9251221	SSF x LoA	-7,82434679	-0,111	0,295
CHR1	9251989	CHR1:9251989	SSF x LoA	-9,58805006	-0,067	0,307
CHR1	9254002	CHR1:9254002	SSF x LoA	-9,6972499	-0,023	0,310
CHR1	9254082	CHR1:9254082	SSF x LoA	-8,66293726	0,064	0,311
CHR1	9260670	CHR1:9260670	SSF x LoA	-6,80815585	0,047	0,297
CHR1	9260705	CHR1:9260705	SSF x LoA	-8,56366383	-0,002	0,312
CHR1	9260742	CHR1:9260742	SSF x LoA	-9,93756371	-0,120	0,313
CHR1	9263845	CHR1:9263845	SSF x LoA	-8,84015539	-0,060	0,323
CHR1	9263872	CHR1:9263872	SSF x LoA	-7,93910042	-0,033	0,297
CHR1	9269032	CHR1:9269032	SSF x LoA	-9,16780666	0,013	0,313
CHR1	9269096	CHR1:9269096	SSF x LoA	-8,58063261	0,060	0,304

CHR1	927113	CHR1:927113	SSF x LoA	-8,65300486	-0,049	0,285
CHR1	927228	CHR1:927228	SSF x LoA	-9,91631315	-0,008	0,307
CHR1	927267	CHR1:927267	SSF x LoA	-6,24508654	-0,006	0,297
CHR1	9275082	CHR1:9275082	SSF x LoA	-7,87101588	-0,101	0,305
CHR1	9276985	CHR1:9276985	SSF x LoA	-9,16693657	-0,001	0,307
CHR1	9276996	CHR1:9276996	SSF x LoA	-9,38005618	-0,010	0,314
CHR1	9277123	CHR1:9277123	SSF x LoA	-11,8676281	-0,077	0,284
CHR1	9282157	CHR1:9282157	SSF x LoA	-10,6038717	-0,059	0,307
CHR1	9285013	CHR1:9285013	SSF x LoA	-8,9495177	-0,134	0,292
CHR1	9286173	CHR1:9286173	SSF x LoA	-5,08959353	-0,194	0,297
CHR1	9286369	CHR1:9286369	SSF x LoA	-11,1855737	0,022	0,300
CHR1	9286403	CHR1:9286403	SSF x LoA	-9,40099781	0,092	0,312
CHR1	9287190	CHR1:9287190	SSF x LoA	-9,07489423	-0,008	0,307
CHR1	9287291	CHR1:9287291	SSF x LoA	-6,69377585	0,080	0,305
CHR1	9287298	CHR1:9287298	SSF x LoA	-10,0192313	-0,018	0,299
CHR1	9287364	CHR1:9287364	SSF x LoA	-11,1143262	0,070	0,304
CHR1	9299629	CHR1:9299629	SSF x LoA	-11,0724471	-0,058	0,308
CHR1	9299630	CHR1:9299630	SSF x LoA	-7,60715857	0,061	0,325
CHR1	9299654	CHR1:9299654	SSF x LoA	-7,86082311	-0,158	0,313
CHR1	9299674	CHR1:9299674	SSF x LoA	-6,24049815	-0,019	0,313
CHR1	9299692	CHR1:9299692	SSF x LoA	-8,81421009	0,080	0,309
CHR1	9299726	CHR1:9299726	SSF x LoA	-7,32838487	-0,071	0,299
CHR1	9299746	CHR1:9299746	SSF x LoA	-7,44571429	-0,112	0,311
CHR1	9299777	CHR1:9299777	SSF x LoA	-9,38556275	-0,025	0,313
CHR1	9302879	CHR1:9302879	SSF x LoA	-7,61265746	-0,060	0,305
CHR1	9303183	CHR1:9303183	SSF x LoA	-3,33786748	0,098	0,316
CHR1	9303195	CHR1:9303195	SSF x LoA	-7,0588691	0,038	0,306
CHR1	9303199	CHR1:9303199	SSF x LoA	-8,41827487	-0,082	0,316
CHR1	9315102	CHR1:9315102	SSF x LoA	-10,1411761	0,045	0,312
CHR1	9315112	CHR1:9315112	SSF x LoA	-10,8813649	-0,098	0,291
CHR1	9315191	CHR1:9315191	SSF x LoA	-9,93131878	-0,063	0,312
CHR1	9315194	CHR1:9315194	SSF x LoA	-10,9530229	0,128	0,311
CHR1	9318745	CHR1:9318745	SSF x LoA	-10,4427249	0,040	0,313
CHR1	9318833	CHR1:9318833	SSF x LoA	-7,85400056	-0,033	0,312
CHR1	9318834	CHR1:9318834	SSF x LoA	-11,0507057	0,071	0,312
CHR1	9318907	CHR1:9318907	SSF x LoA	-7,14181142	-0,091	0,324
CHR1	9318909	CHR1:9318909	SSF x LoA	-9,36690586	-0,060	0,307
CHR1	9318922	CHR1:9318922	SSF x LoA	-7,47779229	-0,087	0,304
CHR1	9320026	CHR1:9320026	SSF x LoA	-9,59821566	0,046	0,317
CHR1	9320040	CHR1:9320040	SSF x LoA	-3,89696706	0,111	0,306
CHR1	9320085	CHR1:9320085	SSF x LoA	-7,70705952	-0,131	0,302
CHR1	9320249	CHR1:9320249	SSF x LoA	-9,02866904	0,060	0,308
CHR1	9320271	CHR1:9320271	SSF x LoA	-9,24365668	-0,085	0,318
CHR1	9323090	CHR1:9323090	SSF x LoA	-8,5483293	-0,106	0,303
CHR1	9323195	CHR1:9323195	SSF x LoA	-10,9818206	0,043	0,315
CHR1	9323217	CHR1:9323217	SSF x LoA	-0,61500205	-0,198	0,293
CHR1	9324508	CHR1:9324508	SSF x LoA	-9,8829808	0,037	0,314
CHR1	9326777	CHR1:9326777	SSF x LoA	-8,50056991	0,067	0,297
CHR1	9326873	CHR1:9326873	SSF x LoA	-11,8242041	-0,042	0,307
CHR1	9326883	CHR1:9326883	SSF x LoA	-10,0447348	0,063	0,324
CHR1	9328309	CHR1:9328309	SSF x LoA	-9,45476881	0,004	0,293
CHR1	9328332	CHR1:9328332	SSF x LoA	-10,4795546	-0,074	0,285
CHR1	9333193	CHR1:9333193	SSF x LoA	0,47083482	0,178	0,276

CHR1	9341660	CHR1:9341660	SSF x LoA	-11,1839628	-0,017	0,304
CHR1	9341723	CHR1:9341723	SSF x LoA	-5,21641643	-0,159	0,303
CHR1	9341772	CHR1:9341772	SSF x LoA	-8,2271084	-0,131	0,294
CHR1	9341804	CHR1:9341804	SSF x LoA	-8,66082163	-0,145	0,291
CHR1	9341806	CHR1:9341806	SSF x LoA	-3,86720381	-0,137	0,301
CHR1	9341815	CHR1:9341815	SSF x LoA	-6,82626333	-0,131	0,289
CHR1	9341825	CHR1:9341825	SSF x LoA	-9,15291099	-0,050	0,304
CHR1	9341831	CHR1:9341831	SSF x LoA	-10,6730586	-0,052	0,307
CHR1	9341848	CHR1:9341848	SSF x LoA	-6,96755546	0,082	0,310
CHR1	9344013	CHR1:9344013	SSF x LoA	-11,3356834	0,059	0,313
CHR1	9344958	CHR1:9344958	SSF x LoA	-2,14387068	-0,054	0,310
CHR1	9345001	CHR1:9345001	SSF x LoA	-9,82036769	-0,102	0,307
CHR1	9345008	CHR1:9345008	SSF x LoA	-9,59734419	-0,105	0,309
CHR1	9345041	CHR1:9345041	SSF x LoA	-11,1532343	-0,087	0,300
CHR1	9346702	CHR1:9346702	SSF x LoA	-7,90938422	-0,020	0,300
CHR1	9346703	CHR1:9346703	SSF x LoA	-10,4331025	-0,073	0,309
CHR1	9346799	CHR1:9346799	SSF x LoA	-8,88781591	-0,023	0,314
CHR1	9360790	CHR1:9360790	SSF x LoA	-7,57415117	-0,012	0,303
CHR1	9360793	CHR1:9360793	SSF x LoA	-8,92061047	-0,022	0,306
CHR1	9360804	CHR1:9360804	SSF x LoA	-11,1023075	-0,042	0,302
CHR1	9360834	CHR1:9360834	SSF x LoA	-9,85225876	0,047	0,301
CHR1	9361070	CHR1:9361070	SSF x LoA	-11,0530466	0,124	0,313
CHR1	9369514	CHR1:9369514	SSF x LoA	-4,46662592	0,202	0,295
CHR1	9369517	CHR1:9369517	SSF x LoA	-6,34550991	0,007	0,307
CHR1	9375461	CHR1:9375461	SSF x LoA	-9,45457094	0,114	0,291
CHR1	9375543	CHR1:9375543	SSF x LoA	0,18058349	-0,174	0,304
CHR1	9375555	CHR1:9375555	SSF x LoA	-6,02738044	-0,156	0,309
CHR1	9375597	CHR1:9375597	SSF x LoA	-0,12068709	0,185	0,307
CHR1	9379294	CHR1:9379294	SSF x LoA	-8,63172642	-0,030	0,303
CHR1	9379497	CHR1:9379497	SSF x LoA	-4,48353346	-0,153	0,293
CHR1	9385811	CHR1:9385811	SSF x LoA	-9,94837773	0,052	0,317
CHR1	9385835	CHR1:9385835	SSF x LoA	-7,74368565	-0,006	0,315
CHR1	9386666	CHR1:9386666	SSF x LoA	-9,67112371	-0,047	0,301
CHR1	9387901	CHR1:9387901	SSF x LoA	-11,9963663	0,043	0,308
CHR1	9387903	CHR1:9387903	SSF x LoA	-6,84323843	0,120	0,302
CHR1	9388106	CHR1:9388106	SSF x LoA	-8,83476556	0,002	0,309
CHR1	9388161	CHR1:9388161	SSF x LoA	-9,92817431	0,041	0,318
CHR1	938978	CHR1:938978	SSF x LoA	-5,97217987	-0,005	0,326
CHR1	938992	CHR1:938992	SSF x LoA	-10,9616242	0,071	0,287
CHR1	9396237	CHR1:9396237	SSF x LoA	-11,7879808	0,000	0,314
CHR1	9396248	CHR1:9396248	SSF x LoA	-9,47381556	-0,060	0,314
CHR1	9396380	CHR1:9396380	SSF x LoA	-8,47737982	-0,063	0,309
CHR1	9396451	CHR1:9396451	SSF x LoA	-9,35599959	-0,035	0,309
CHR1	939685	CHR1:939685	SSF x LoA	-12,0851364	-0,031	0,294
CHR1	939704	CHR1:939704	SSF x LoA	-5,91232697	0,040	0,314
CHR1	939712	CHR1:939712	SSF x LoA	-8,03611825	0,009	0,319
CHR1	9441957	CHR1:9441957	SSF x LoA	3,32282835	0,183	0,295
CHR1	9451163	CHR1:9451163	SSF x LoA	-11,8175918	0,132	0,293
CHR1	9451350	CHR1:9451350	SSF x LoA	-11,0732346	0,082	0,304
CHR1	9451413	CHR1:9451413	SSF x LoA	-7,20155289	-0,078	0,305
CHR1	9452832	CHR1:9452832	SSF x LoA	-10,1853056	0,093	0,304
CHR1	945415	CHR1:945415	SSF x LoA	-11,307471	0,031	0,294
CHR1	945442	CHR1:945442	SSF x LoA	-7,79527068	-0,021	0,303

CHR1	9464160	CHR1:9464160	SSF x LoA	-9,09234382	0,067	0,298
CHR1	9464202	CHR1:9464202	SSF x LoA	-8,70448994	0,003	0,303
CHR1	9464209	CHR1:9464209	SSF x LoA	-9,5149124	0,036	0,304
CHR1	9464224	CHR1:9464224	SSF x LoA	-9,25004865	0,029	0,306
CHR1	9464246	CHR1:9464246	SSF x LoA	-8,0807142	-0,052	0,302
CHR1	9464275	CHR1:9464275	SSF x LoA	-10,7225721	-0,022	0,303
CHR1	9466653	CHR1:9466653	SSF x LoA	-9,60869469	0,094	0,298
CHR1	9466658	CHR1:9466658	SSF x LoA	-8,57511245	-0,163	0,298
CHR1	9466676	CHR1:9466676	SSF x LoA	-11,1146738	0,109	0,319
CHR1	9466682	CHR1:9466682	SSF x LoA	-9,51304948	0,057	0,312
CHR1	9466889	CHR1:9466889	SSF x LoA	-10,1783506	0,054	0,307
CHR1	9466898	CHR1:9466898	SSF x LoA	-10,6734218	-0,007	0,304
CHR1	948974	CHR1:948974	SSF x LoA	-9,01869605	-0,004	0,316
CHR1	949096	CHR1:949096	SSF x LoA	-11,5553181	-0,066	0,311
CHR1	9493191	CHR1:9493191	SSF x LoA	-9,37954704	-0,054	0,309
CHR1	9493267	CHR1:9493267	SSF x LoA	-11,2369703	0,047	0,311
CHR1	9495602	CHR1:9495602	SSF x LoA	-8,41161165	0,027	0,311
CHR1	9495621	CHR1:9495621	SSF x LoA	-11,2340641	-0,073	0,287
CHR1	9495722	CHR1:9495722	SSF x LoA	-9,83619453	-0,011	0,304
CHR1	9502957	CHR1:9502957	SSF x LoA	-7,46786847	0,052	0,312
CHR1	9512560	CHR1:9512560	SSF x LoA	-11,5629718	0,005	0,316
CHR1	9512587	CHR1:9512587	SSF x LoA	-10,1030832	-0,076	0,309
CHR1	9512659	CHR1:9512659	SSF x LoA	-8,2947389	0,036	0,311
CHR1	9512721	CHR1:9512721	SSF x LoA	-9,6770271	-0,011	0,313
CHR1	9512725	CHR1:9512725	SSF x LoA	-9,2211471	0,043	0,305
CHR1	9512779	CHR1:9512779	SSF x LoA	-8,84269369	-0,055	0,306
CHR1	9512800	CHR1:9512800	SSF x LoA	-6,53890428	0,036	0,312
CHR1	9512801	CHR1:9512801	SSF x LoA	-8,60626644	0,071	0,318
CHR1	9514923	CHR1:9514923	SSF x LoA	-9,25452302	-0,057	0,311
CHR1	9514934	CHR1:9514934	SSF x LoA	0,33873273	-0,187	0,302
CHR1	9514961	CHR1:9514961	SSF x LoA	-4,2324789	-0,218	0,288
CHR1	9515043	CHR1:9515043	SSF x LoA	-9,62858891	-0,068	0,307
CHR1	9515060	CHR1:9515060	SSF x LoA	-8,577766	0,052	0,312
CHR1	9518177	CHR1:9518177	SSF x LoA	-11,7439774	0,023	0,309
CHR1	9518208	CHR1:9518208	SSF x LoA	-8,1962679	-0,178	0,288
CHR1	9518209	CHR1:9518209	SSF x LoA	-9,02066891	-0,179	0,293
CHR1	9518214	CHR1:9518214	SSF x LoA	-6,70971008	-0,118	0,303
CHR1	9518412	CHR1:9518412	SSF x LoA	-10,4488054	0,043	0,303
CHR1	9518429	CHR1:9518429	SSF x LoA	-9,46667246	-0,051	0,301
CHR1	9518431	CHR1:9518431	SSF x LoA	-9,12198943	0,093	0,317
CHR1	952082	CHR1:952082	SSF x LoA	-8,89777128	0,024	0,319
CHR1	952190	CHR1:952190	SSF x LoA	-11,9489864	-0,006	0,315
CHR1	9524142	CHR1:9524142	SSF x LoA	-10,3996632	0,056	0,314
CHR1	9524277	CHR1:9524277	SSF x LoA	-5,881097	0,072	0,299
CHR1	9524908	CHR1:9524908	SSF x LoA	-8,46033096	0,109	0,299
CHR1	9524919	CHR1:9524919	SSF x LoA	0,99062278	0,097	0,287
CHR1	9530417	CHR1:9530417	SSF x LoA	-11,5683042	0,089	0,291
CHR1	9530440	CHR1:9530440	SSF x LoA	-8,9884379	0,081	0,303
CHR1	9530523	CHR1:9530523	SSF x LoA	-8,98754936	-0,009	0,311
CHR1	9533063	CHR1:9533063	SSF x LoA	-9,09437094	-0,033	0,309
CHR1	9533067	CHR1:9533067	SSF x LoA	-3,78625211	-0,116	0,304
CHR1	9533075	CHR1:9533075	SSF x LoA	-8,65922403	0,016	0,303
CHR1	9533105	CHR1:9533105	SSF x LoA	-8,62916577	-0,003	0,308

CHR1	9533181	CHR1:9533181	SSF x LoA	-8,50838932	-0,114	0,301
CHR1	9535051	CHR1:9535051	SSF x LoA	-9,2200858	0,086	0,301
CHR1	9535054	CHR1:9535054	SSF x LoA	-0,19660651	-0,140	0,300
CHR1	9535114	CHR1:9535114	SSF x LoA	-9,44713719	0,098	0,299
CHR1	9535133	CHR1:9535133	SSF x LoA	-6,84505791	0,171	0,298
CHR1	9535168	CHR1:9535168	SSF x LoA	-9,33353767	0,044	0,308
CHR1	9540683	CHR1:9540683	SSF x LoA	-9,08836682	0,118	0,304
CHR1	9540697	CHR1:9540697	SSF x LoA	-6,55355523	-0,072	0,318
CHR1	9540813	CHR1:9540813	SSF x LoA	-4,68987018	0,129	0,311
CHR1	9543246	CHR1:9543246	SSF x LoA	-9,61042752	0,078	0,320
CHR1	9543254	CHR1:9543254	SSF x LoA	-3,07054742	0,093	0,308
CHR1	9543257	CHR1:9543257	SSF x LoA	-9,90940614	0,083	0,312
CHR1	9552267	CHR1:9552267	SSF x LoA	-11,5828715	0,009	0,315
CHR1	9552279	CHR1:9552279	SSF x LoA	-4,55784075	0,026	0,302
CHR1	9552289	CHR1:9552289	SSF x LoA	-11,4389996	0,050	0,310
CHR1	9552316	CHR1:9552316	SSF x LoA	-2,94002204	0,041	0,313
CHR1	9552319	CHR1:9552319	SSF x LoA	-9,34171073	0,017	0,311
CHR1	9554542	CHR1:9554542	SSF x LoA	-10,9232759	0,118	0,298
CHR1	9554544	CHR1:9554544	SSF x LoA	-11,7128441	-0,084	0,300
CHR1	9554551	CHR1:9554551	SSF x LoA	-10,7507913	-0,092	0,308
CHR1	9554574	CHR1:9554574	SSF x LoA	-10,6169594	0,142	0,292
CHR1	9554609	CHR1:9554609	SSF x LoA	-9,67876892	-0,044	0,302
CHR1	9554611	CHR1:9554611	SSF x LoA	-2,55365426	0,164	0,312
CHR1	9554625	CHR1:9554625	SSF x LoA	-10,3395264	-0,042	0,311
CHR1	9554662	CHR1:9554662	SSF x LoA	-5,559453	0,172	0,302
CHR1	9554687	CHR1:9554687	SSF x LoA	-8,22437267	-0,129	0,306
CHR1	9554757	CHR1:9554757	SSF x LoA	-7,88701113	-0,099	0,321
CHR1	9554760	CHR1:9554760	SSF x LoA	-8,27408238	-0,110	0,309
CHR1	9554768	CHR1:9554768	SSF x LoA	-10,8308022	0,003	0,300
CHR1	9556756	CHR1:9556756	SSF x LoA	-8,58552193	-0,072	0,312
CHR1	9556781	CHR1:9556781	SSF x LoA	-10,3516705	-0,101	0,297
CHR1	9556810	CHR1:9556810	SSF x LoA	-4,21193957	-0,167	0,301
CHR1	9556935	CHR1:9556935	SSF x LoA	-8,99962903	-0,097	0,315
CHR1	9560398	CHR1:9560398	SSF x LoA	-10,6759265	0,016	0,304
CHR1	9560439	CHR1:9560439	SSF x LoA	-9,84684003	-0,099	0,304
CHR1	9579300	CHR1:9579300	SSF x LoA	-9,05221581	-0,058	0,304
CHR1	9580059	CHR1:9580059	SSF x LoA	-8,07843828	0,038	0,319
CHR1	958585	CHR1:958585	SSF x LoA	-8,49041163	-0,045	0,312
CHR1	9586432	CHR1:9586432	SSF x LoA	-7,97139985	-0,042	0,309
CHR1	961102	CHR1:961102	SSF x LoA	-8,81289635	-0,049	0,310
CHR1	961111	CHR1:961111	SSF x LoA	-10,7527163	0,017	0,309
CHR1	961117	CHR1:961117	SSF x LoA	-9,78348526	-0,061	0,297
CHR1	9612515	CHR1:9612515	SSF x LoA	-8,58907436	-0,083	0,310
CHR1	9612573	CHR1:9612573	SSF x LoA	-7,42294949	-0,095	0,311
CHR1	9623799	CHR1:9623799	SSF x LoA	-7,19514909	0,061	0,317
CHR1	9629661	CHR1:9629661	SSF x LoA	-8,48830636	0,104	0,302
CHR1	9629874	CHR1:9629874	SSF x LoA	-7,91291661	-0,072	0,306
CHR1	9656350	CHR1:9656350	SSF x LoA	-9,46244358	-0,116	0,309
CHR1	9656586	CHR1:9656586	SSF x LoA	-6,64906728	-0,095	0,316
CHR1	9667508	CHR1:9667508	SSF x LoA	-6,65704868	0,050	0,306
CHR1	9677568	CHR1:9677568	SSF x LoA	-10,5382003	0,017	0,304
CHR1	968328	CHR1:968328	SSF x LoA	-6,71122798	0,076	0,312
CHR1	9685040	CHR1:9685040	SSF x LoA	-7,87975308	-0,149	0,295

CHR1	9692251	CHR1:9692251	SSF x LoA	-8,77005565	-0,134	0,299
CHR1	9692599	CHR1:9692599	SSF x LoA	-9,34063817	-0,051	0,311
CHR1	9694341	CHR1:9694341	SSF x LoA	-9,44722195	0,083	0,328
CHR1	9694450	CHR1:9694450	SSF x LoA	-10,0788096	-0,038	0,305
CHR1	9701943	CHR1:9701943	SSF x LoA	-9,94576371	-0,004	0,310
CHR1	9701949	CHR1:9701949	SSF x LoA	-6,84912191	-0,100	0,301
CHR1	9702136	CHR1:9702136	SSF x LoA	-9,78794343	-0,081	0,313
CHR1	9708150	CHR1:9708150	SSF x LoA	-6,14105486	-0,077	0,305
CHR1	9735884	CHR1:9735884	SSF x LoA	-7,64461476	0,122	0,301
CHR1	9736638	CHR1:9736638	SSF x LoA	-6,68543798	-0,168	0,283
CHR1	9743672	CHR1:9743672	SSF x LoA	-9,74252808	-0,033	0,313
CHR1	9743765	CHR1:9743765	SSF x LoA	-11,4936444	-0,015	0,307
CHR1	9749471	CHR1:9749471	SSF x LoA	-8,92361842	0,008	0,304
CHR1	9754617	CHR1:9754617	SSF x LoA	-10,246194	0,062	0,309
CHR1	9755784	CHR1:9755784	SSF x LoA	-5,87933949	-0,117	0,309
CHR1	976072	CHR1:976072	SSF x LoA	-9,38406755	0,147	0,303
CHR1	976189	CHR1:976189	SSF x LoA	-8,91978961	0,150	0,306
CHR1	9768879	CHR1:9768879	SSF x LoA	-8,27198007	0,035	0,306
CHR1	9769011	CHR1:9769011	SSF x LoA	-9,27759352	-0,009	0,309
CHR1	9769057	CHR1:9769057	SSF x LoA	-8,83220051	0,059	0,289
CHR1	977047	CHR1:977047	SSF x LoA	-8,93450623	0,105	0,304
CHR1	9770890	CHR1:9770890	SSF x LoA	-8,71159225	-0,107	0,315
CHR1	9771605	CHR1:9771605	SSF x LoA	-10,2066298	0,009	0,317
CHR1	977294	CHR1:977294	SSF x LoA	-9,69796896	-0,098	0,311
CHR1	9784187	CHR1:9784187	SSF x LoA	-9,16585261	-0,037	0,315
CHR1	9784199	CHR1:9784199	SSF x LoA	-10,7488232	0,013	0,314
CHR1	9784211	CHR1:9784211	SSF x LoA	-9,13984368	0,093	0,304
CHR1	9784780	CHR1:9784780	SSF x LoA	-9,62571555	-0,022	0,295
CHR1	9784781	CHR1:9784781	SSF x LoA	-9,82803226	-0,053	0,296
CHR1	9786600	CHR1:9786600	SSF x LoA	-10,3047006	-0,037	0,315
CHR1	9796142	CHR1:9796142	SSF x LoA	-9,64717695	0,103	0,301
CHR1	9796163	CHR1:9796163	SSF x LoA	-11,4319122	0,080	0,310
CHR1	9796255	CHR1:9796255	SSF x LoA	-8,97598605	-0,034	0,298
CHR1	9800452	CHR1:9800452	SSF x LoA	-7,90029986	-0,036	0,315
CHR1	9800582	CHR1:9800582	SSF x LoA	-8,86103652	-0,061	0,305
CHR1	9806378	CHR1:9806378	SSF x LoA	-10,0673562	0,028	0,303
CHR1	9809810	CHR1:9809810	SSF x LoA	-10,1096724	0,058	0,304
CHR1	9819299	CHR1:9819299	SSF x LoA	-10,2860392	-0,122	0,305
CHR1	9819457	CHR1:9819457	SSF x LoA	-8,62556742	-0,044	0,305
CHR1	9820507	CHR1:9820507	SSF x LoA	-6,11745345	0,074	0,309
CHR1	9824837	CHR1:9824837	SSF x LoA	-9,34257378	0,031	0,316
CHR1	9824863	CHR1:9824863	SSF x LoA	-10,3750193	-0,057	0,306
CHR1	9825100	CHR1:9825100	SSF x LoA	-7,50253771	0,035	0,310
CHR1	9825155	CHR1:9825155	SSF x LoA	-8,67922845	0,028	0,310
CHR1	9825156	CHR1:9825156	SSF x LoA	-7,81223257	-0,037	0,319
CHR1	9825168	CHR1:9825168	SSF x LoA	-7,40866989	0,037	0,304
CHR1	9826849	CHR1:9826849	SSF x LoA	-10,7982475	-0,005	0,318
CHR1	9831705	CHR1:9831705	SSF x LoA	-8,28791654	0,007	0,304
CHR1	9831750	CHR1:9831750	SSF x LoA	-10,8260437	-0,096	0,299
CHR1	9852177	CHR1:9852177	SSF x LoA	-8,95784668	0,029	0,311
CHR1	9852183	CHR1:9852183	SSF x LoA	-8,19919352	0,039	0,300
CHR1	9852225	CHR1:9852225	SSF x LoA	-8,61392913	-0,076	0,314
CHR1	9870589	CHR1:9870589	SSF x LoA	-9,60911281	-0,093	0,313

CHR1	9870803	CHR1:9870803	SSF x LoA	-9,05976642	-0,065	0,296
CHR1	9870807	CHR1:9870807	SSF x LoA	-8,12250701	-0,108	0,304
CHR1	9933119	CHR1:9933119	SSF x LoA	-11,5377631	-0,014	0,304
CHR1	9946359	CHR1:9946359	SSF x LoA	-11,2812901	0,061	0,320
CHR1	9948121	CHR1:9948121	SSF x LoA	-6,63741501	-0,076	0,297
CHR1	9948160	CHR1:9948160	SSF x LoA	3,94920415	-0,106	0,306
CHR1	9948287	CHR1:9948287	SSF x LoA	-8,79646872	-0,048	0,301
CHR1	9968570	CHR1:9968570	SSF x LoA	-10,866663	-0,050	0,307
CHR1	9968721	CHR1:9968721	SSF x LoA	-2,96509548	-0,181	0,299
CHR1	9971900	CHR1:9971900	SSF x LoA	-9,6485592	0,151	0,302
CHR1	9980992	CHR1:9980992	SSF x LoA	-7,64282155	0,169	0,297
CHR1	9981060	CHR1:9981060	SSF x LoA	-9,63513105	-0,051	0,306
CHR1	9981095	CHR1:9981095	SSF x LoA	-11,592996	0,030	0,292
CHR1	9981114	CHR1:9981114	SSF x LoA	-7,71774175	0,103	0,302
CHR1	9985482	CHR1:9985482	SSF x LoA	-9,27623272	-0,151	0,294
CHR1	9985488	CHR1:9985488	SSF x LoA	-10,5104568	0,134	0,292
CHR1	9993497	CHR1:9993497	SSF x LoA	-6,38644147	0,133	0,310
CHR1	9993508	CHR1:9993508	SSF x LoA	-9,00592652	0,106	0,305
CHR1	9993521	CHR1:9993521	SSF x LoA	-8,0865672	0,100	0,324
CHR1	9993524	CHR1:9993524	SSF x LoA	-10,091784	0,001	0,319
CHR1	9993628	CHR1:9993628	SSF x LoA	-10,0856077	0,075	0,309
CHR1	9993793	CHR1:9993793	SSF x LoA	-10,8763291	-0,035	0,304
CHR1	9999402	CHR1:9999402	SSF x LoA	-7,84119027	-0,059	0,317
CHR1	9999471	CHR1:9999471	SSF x LoA	-9,01239832	-0,032	0,324
CHR1	9999482	CHR1:9999482	SSF x LoA	-5,92628181	-0,025	0,305
CHR2	1E+07	CHR2:10005013	SSF x LoA	-10,1557666	0,019	0,307
CHR2	1E+07	CHR2:10005053	SSF x LoA	-10,3034705	0,036	0,307
CHR2	1E+07	CHR2:10005054	SSF x LoA	-9,50860221	0,046	0,318
CHR2	1E+07	CHR2:10005063	SSF x LoA	-8,59221793	0,095	0,312
CHR2	1E+07	CHR2:10005108	SSF x LoA	-10,072355	0,027	0,315
CHR2	1E+07	CHR2:10005158	SSF x LoA	-10,1590319	-0,106	0,306
CHR2	1E+07	CHR2:10005315	SSF x LoA	-10,7004502	0,010	0,308
CHR2	1E+07	CHR2:10005329	SSF x LoA	-10,70697	0,085	0,315
CHR2	1E+07	CHR2:10012063	SSF x LoA	-4,92876757	0,096	0,303
CHR2	1E+07	CHR2:10012114	SSF x LoA	-8,73105765	0,090	0,301
CHR2	1E+07	CHR2:10012148	SSF x LoA	-4,42006281	-0,151	0,298
CHR2	1E+07	CHR2:10015732	SSF x LoA	-7,45710272	0,176	0,325
CHR2	1001652	CHR2:1001652	SSF x LoA	-8,9559806	0,098	0,297
CHR2	1001658	CHR2:1001658	SSF x LoA	-8,88884058	-0,085	0,302
CHR2	1001735	CHR2:1001735	SSF x LoA	-10,9614955	0,003	0,299
CHR2	1E+07	CHR2:10025028	SSF x LoA	-8,20370813	0,049	0,306
CHR2	1E+07	CHR2:10025158	SSF x LoA	-8,32044732	0,018	0,325
CHR2	1E+07	CHR2:10025204	SSF x LoA	-3,68583864	0,058	0,313
CHR2	1E+07	CHR2:10031240	SSF x LoA	-5,86473883	-0,132	0,298
CHR2	1E+07	CHR2:10033689	SSF x LoA	-10,1240927	0,102	0,311
CHR2	1E+07	CHR2:10033921	SSF x LoA	-11,0708516	0,068	0,308
CHR2	1E+07	CHR2:10063301	SSF x LoA	-8,83296628	0,009	0,307
CHR2	1E+07	CHR2:10063341	SSF x LoA	-9,01479663	-0,060	0,305
CHR2	1E+07	CHR2:10063452	SSF x LoA	-8,79610188	0,038	0,296
CHR2	1E+07	CHR2:10063473	SSF x LoA	-10,5898509	-0,010	0,301
CHR2	1008373	CHR2:1008373	SSF x LoA	-6,54139224	-0,109	0,299
CHR2	1008424	CHR2:1008424	SSF x LoA	-10,1382643	-0,108	0,306
CHR2	1008433	CHR2:1008433	SSF x LoA	-4,33580933	-0,195	0,296

CHR2	1008562	CHR2:1008562	SSF x LoA	-8,80363724	0,019	0,306
CHR2	1008565	CHR2:1008565	SSF x LoA	-7,91875478	0,144	0,301
CHR2	1008601	CHR2:1008601	SSF x LoA	-9,03636999	-0,080	0,292
CHR2	1E+07	CHR2:10091072	SSF x LoA	-8,59281784	-0,074	0,292
CHR2	1E+07	CHR2:10104807	SSF x LoA	-10,8438322	-0,002	0,311
CHR2	1E+07	CHR2:10133010	SSF x LoA	-8,0835253	0,012	0,305
CHR2	1E+07	CHR2:10133150	SSF x LoA	-11,5596921	0,019	0,306
CHR2	1E+07	CHR2:10135188	SSF x LoA	-11,6821766	0,041	0,304
CHR2	1E+07	CHR2:10157432	SSF x LoA	-9,66708922	0,071	0,303
CHR2	1E+07	CHR2:10168783	SSF x LoA	-6,53995907	0,165	0,302
CHR2	1E+07	CHR2:10170357	SSF x LoA	-7,65245118	-0,055	0,304
CHR2	1E+07	CHR2:10176299	SSF x LoA	-9,0214426	0,055	0,315
CHR2	1E+07	CHR2:10187199	SSF x LoA	-10,9614875	-0,131	0,301
CHR2	1E+07	CHR2:10187202	SSF x LoA	-8,87989341	-0,082	0,305
CHR2	1E+07	CHR2:10194576	SSF x LoA	-8,40507567	-0,058	0,295
CHR2	1E+07	CHR2:10194580	SSF x LoA	-8,65403665	-0,118	0,317
CHR2	1E+07	CHR2:10194601	SSF x LoA	-9,86164383	-0,083	0,302
CHR2	1E+07	CHR2:10194617	SSF x LoA	-11,2356761	-0,100	0,302
CHR2	1E+07	CHR2:10195247	SSF x LoA	-10,0096187	-0,063	0,313
CHR2	1E+07	CHR2:10195250	SSF x LoA	-5,85685455	0,049	0,293
CHR2	1E+07	CHR2:10195260	SSF x LoA	-9,20329605	0,019	0,301
CHR2	1E+07	CHR2:10195284	SSF x LoA	-7,00422366	0,024	0,306
CHR2	1E+07	CHR2:10198292	SSF x LoA	-9,1487938	-0,091	0,308
CHR2	1E+07	CHR2:10200894	SSF x LoA	-8,23015578	0,020	0,300
CHR2	1E+07	CHR2:10200899	SSF x LoA	-9,41833379	-0,110	0,311
CHR2	1E+07	CHR2:10200944	SSF x LoA	-7,2470047	-0,092	0,319
CHR2	1E+07	CHR2:10200986	SSF x LoA	-12,0221494	-0,062	0,298
CHR2	1E+07	CHR2:10201046	SSF x LoA	-8,99230588	-0,036	0,310
CHR2	1E+07	CHR2:10201112	SSF x LoA	-7,99155121	-0,006	0,307
CHR2	1E+07	CHR2:10201156	SSF x LoA	-7,33790471	0,100	0,313
CHR2	1E+07	CHR2:10201167	SSF x LoA	-7,0603082	-0,074	0,319
CHR2	1E+07	CHR2:10201184	SSF x LoA	-9,8886339	0,001	0,313
CHR2	1020147	CHR2:1020147	SSF x LoA	-9,67912638	0,000	0,322
CHR2	1020161	CHR2:1020161	SSF x LoA	-7,60448958	0,130	0,309
CHR2	1020236	CHR2:1020236	SSF x LoA	-6,27693355	0,129	0,300
CHR2	1020240	CHR2:1020240	SSF x LoA	-10,2260588	-0,034	0,315
CHR2	1020249	CHR2:1020249	SSF x LoA	-9,76747761	0,141	0,295
CHR2	1020250	CHR2:1020250	SSF x LoA	-10,4816268	0,004	0,316
CHR2	1020262	CHR2:1020262	SSF x LoA	-9,99118932	-0,049	0,308
CHR2	1020264	CHR2:1020264	SSF x LoA	-9,43830024	-0,050	0,305
CHR2	1020288	CHR2:1020288	SSF x LoA	-7,9406339	-0,116	0,298
CHR2	1020309	CHR2:1020309	SSF x LoA	-7,06284864	-0,106	0,290
CHR2	1020317	CHR2:1020317	SSF x LoA	-6,19759336	-0,104	0,299
CHR2	1020321	CHR2:1020321	SSF x LoA	-9,33005783	-0,063	0,300
CHR2	1020332	CHR2:1020332	SSF x LoA	-10,3985615	0,005	0,309
CHR2	1020351	CHR2:1020351	SSF x LoA	-6,27791489	0,120	0,287
CHR2	1020377	CHR2:1020377	SSF x LoA	-6,75556362	-0,102	0,294
CHR2	1E+07	CHR2:10207949	SSF x LoA	-11,4994505	-0,075	0,304
CHR2	1E+07	CHR2:10207987	SSF x LoA	-9,50399238	0,023	0,313
CHR2	1E+07	CHR2:10216119	SSF x LoA	-9,71601196	0,084	0,301
CHR2	1E+07	CHR2:10216138	SSF x LoA	-10,7580309	-0,013	0,312
CHR2	1E+07	CHR2:10216146	SSF x LoA	-5,38240836	0,021	0,318
CHR2	1E+07	CHR2:10216169	SSF x LoA	-9,57338014	0,000	0,300

CHR2	1E+07	CHR2:10216175	SSF x LoA	-9,91981087	-0,015	0,304
CHR2	1E+07	CHR2:10216217	SSF x LoA	-11,344671	0,008	0,306
CHR2	1E+07	CHR2:10216261	SSF x LoA	-8,52534077	0,017	0,304
CHR2	1E+07	CHR2:10223695	SSF x LoA	-8,68354711	-0,122	0,311
CHR2	1E+07	CHR2:10223730	SSF x LoA	-7,59127824	0,051	0,292
CHR2	1E+07	CHR2:10223781	SSF x LoA	-9,29259516	-0,103	0,307
CHR2	1E+07	CHR2:10223809	SSF x LoA	-11,0917595	0,013	0,297
CHR2	1E+07	CHR2:10230040	SSF x LoA	-6,48353783	0,021	0,322
CHR2	1E+07	CHR2:10230083	SSF x LoA	-8,09355349	-0,107	0,312
CHR2	1E+07	CHR2:10230101	SSF x LoA	-7,76101401	0,113	0,316
CHR2	1E+07	CHR2:10230131	SSF x LoA	-11,3748833	-0,051	0,312
CHR2	1E+07	CHR2:10230151	SSF x LoA	-9,5059821	-0,033	0,318
CHR2	1E+07	CHR2:10230173	SSF x LoA	-9,92909517	0,049	0,295
CHR2	1E+07	CHR2:10231322	SSF x LoA	-10,8581927	-0,071	0,308
CHR2	1E+07	CHR2:10231396	SSF x LoA	-10,5048773	-0,028	0,325
CHR2	1E+07	CHR2:10235451	SSF x LoA	-11,324611	-0,006	0,293
CHR2	1E+07	CHR2:10235557	SSF x LoA	-3,37685459	-0,021	0,310
CHR2	1E+07	CHR2:10235600	SSF x LoA	-9,84120911	-0,018	0,301
CHR2	1E+07	CHR2:10251041	SSF x LoA	-7,47037019	-0,149	0,288
CHR2	1E+07	CHR2:10251089	SSF x LoA	-7,64752049	-0,104	0,309
CHR2	1E+07	CHR2:10251192	SSF x LoA	-4,86496596	-0,157	0,316
CHR2	1E+07	CHR2:10256385	SSF x LoA	-9,10100242	-0,121	0,302
CHR2	1E+07	CHR2:10256529	SSF x LoA	-10,4141712	-0,017	0,303
CHR2	1E+07	CHR2:10256594	SSF x LoA	-7,5387328	-0,082	0,293
CHR2	1E+07	CHR2:10256710	SSF x LoA	-8,35420323	-0,096	0,309
CHR2	1E+07	CHR2:10256714	SSF x LoA	-6,99218794	-0,107	0,313
CHR2	1E+07	CHR2:10256720	SSF x LoA	-6,56579957	-0,125	0,300
CHR2	1E+07	CHR2:10269400	SSF x LoA	-5,8109011	-0,166	0,297
CHR2	1E+07	CHR2:10269409	SSF x LoA	-9,99279969	-0,051	0,290
CHR2	1E+07	CHR2:10269481	SSF x LoA	-7,39803627	0,125	0,285
CHR2	1E+07	CHR2:10269494	SSF x LoA	-9,9574654	0,065	0,298
CHR2	1E+07	CHR2:10274723	SSF x LoA	-8,73555924	-0,120	0,292
CHR2	1E+07	CHR2:10274765	SSF x LoA	-9,1766854	-0,128	0,308
CHR2	1E+07	CHR2:10279952	SSF x LoA	-10,1318421	0,017	0,291
CHR2	1E+07	CHR2:10279983	SSF x LoA	-10,5352107	-0,034	0,310
CHR2	1E+07	CHR2:10280013	SSF x LoA	-11,2151916	-0,018	0,302
CHR2	1E+07	CHR2:10283561	SSF x LoA	-8,00619747	0,006	0,316
CHR2	1E+07	CHR2:10283581	SSF x LoA	-8,01151555	-0,047	0,311
CHR2	1E+07	CHR2:10283615	SSF x LoA	-9,63022922	0,091	0,304
CHR2	1E+07	CHR2:10283646	SSF x LoA	-5,91851656	0,130	0,297
CHR2	1E+07	CHR2:10283735	SSF x LoA	-9,16074325	0,125	0,307
CHR2	1E+07	CHR2:10283736	SSF x LoA	-9,40901411	0,146	0,308
CHR2	1E+07	CHR2:10283748	SSF x LoA	-9,49884091	0,101	0,306
CHR2	1E+07	CHR2:10285230	SSF x LoA	-6,41486391	0,004	0,305
CHR2	1E+07	CHR2:10285238	SSF x LoA	-9,16555129	0,039	0,303
CHR2	1E+07	CHR2:10285267	SSF x LoA	-7,08500068	-0,023	0,314
CHR2	1E+07	CHR2:10285345	SSF x LoA	-5,59521762	0,130	0,306
CHR2	1E+07	CHR2:10287619	SSF x LoA	-9,98226184	-0,053	0,309
CHR2	1E+07	CHR2:10295654	SSF x LoA	-10,3561785	-0,098	0,301
CHR2	1E+07	CHR2:10295655	SSF x LoA	-8,22895959	0,009	0,309
CHR2	1E+07	CHR2:10295709	SSF x LoA	-9,10771422	-0,004	0,303
CHR2	1E+07	CHR2:10295728	SSF x LoA	-8,79309638	-0,069	0,304
CHR2	1E+07	CHR2:10301427	SSF x LoA	-10,7338534	0,057	0,309

CHR2	1E+07	CHR2:10301467	SSF x LoA	-9,07776474	0,008	0,310
CHR2	1E+07	CHR2:10301486	SSF x LoA	-8,6556504	0,085	0,317
CHR2	1E+07	CHR2:10301503	SSF x LoA	-10,8062094	-0,003	0,315
CHR2	1E+07	CHR2:10301572	SSF x LoA	-9,31083848	-0,100	0,307
CHR2	1E+07	CHR2:10304639	SSF x LoA	-11,5777741	0,007	0,301
CHR2	1E+07	CHR2:10310069	SSF x LoA	-8,08124264	0,121	0,300
CHR2	1E+07	CHR2:10310087	SSF x LoA	-10,8120015	0,166	0,294
CHR2	1E+07	CHR2:10310111	SSF x LoA	-2,25709724	0,210	0,292
CHR2	1E+07	CHR2:10310155	SSF x LoA	-11,5553671	0,069	0,310
CHR2	1E+07	CHR2:10314860	SSF x LoA	-4,77054658	-0,079	0,300
CHR2	1E+07	CHR2:10314862	SSF x LoA	-10,7537034	-0,092	0,304
CHR2	1E+07	CHR2:10314885	SSF x LoA	-9,37323606	-0,123	0,297
CHR2	1E+07	CHR2:10314963	SSF x LoA	-10,5807899	0,026	0,297
CHR2	1E+07	CHR2:10315014	SSF x LoA	-8,16169074	-0,049	0,312
CHR2	1E+07	CHR2:10315046	SSF x LoA	-10,2939931	0,109	0,306
CHR2	1E+07	CHR2:10315047	SSF x LoA	-7,96095029	0,081	0,303
CHR2	1E+07	CHR2:10315058	SSF x LoA	-10,0410562	-0,063	0,316
CHR2	1E+07	CHR2:10315075	SSF x LoA	-8,56746735	-0,087	0,309
CHR2	1E+07	CHR2:10315076	SSF x LoA	-9,7404372	-0,092	0,303
CHR2	1E+07	CHR2:10315874	SSF x LoA	-8,56114292	-0,010	0,312
CHR2	1E+07	CHR2:10315966	SSF x LoA	-11,2516438	0,046	0,299
CHR2	1E+07	CHR2:10318232	SSF x LoA	-9,93870475	0,069	0,303
CHR2	1E+07	CHR2:10318248	SSF x LoA	-7,01255979	-0,124	0,309
CHR2	1E+07	CHR2:10318257	SSF x LoA	-6,96276821	-0,090	0,304
CHR2	1E+07	CHR2:10318261	SSF x LoA	-9,0985996	-0,061	0,312
CHR2	1E+07	CHR2:10318576	SSF x LoA	-10,3796835	-0,064	0,322
CHR2	1E+07	CHR2:10318583	SSF x LoA	-10,2099525	-0,074	0,310
CHR2	1E+07	CHR2:10318631	SSF x LoA	-9,4319007	-0,035	0,323
CHR2	1E+07	CHR2:10318642	SSF x LoA	-8,84163599	0,000	0,307
CHR2	1E+07	CHR2:10318652	SSF x LoA	-9,80344716	-0,063	0,308
CHR2	1E+07	CHR2:10318655	SSF x LoA	-10,1945356	0,011	0,304
CHR2	1E+07	CHR2:10318715	SSF x LoA	-7,69015242	-0,023	0,302
CHR2	1E+07	CHR2:10325063	SSF x LoA	-10,1181497	0,011	0,321
CHR2	1E+07	CHR2:10325073	SSF x LoA	-11,0904546	-0,064	0,287
CHR2	1E+07	CHR2:10325076	SSF x LoA	-7,55536328	-0,072	0,305
CHR2	1E+07	CHR2:10328641	SSF x LoA	-3,79439767	-0,208	0,301
CHR2	1E+07	CHR2:10335331	SSF x LoA	-12,3153289	-0,083	0,299
CHR2	1E+07	CHR2:10340230	SSF x LoA	-10,7698602	-0,049	0,310
CHR2	1E+07	CHR2:10344170	SSF x LoA	-11,1807072	-0,038	0,300
CHR2	1E+07	CHR2:10344289	SSF x LoA	-10,022967	-0,002	0,312
CHR2	1E+07	CHR2:10344306	SSF x LoA	-8,90900035	-0,119	0,307
CHR2	1E+07	CHR2:10350909	SSF x LoA	-10,0278101	0,058	0,292
CHR2	1E+07	CHR2:10350912	SSF x LoA	-6,69818996	0,117	0,300
CHR2	1E+07	CHR2:10350971	SSF x LoA	-8,55259664	0,101	0,306
CHR2	1E+07	CHR2:10350982	SSF x LoA	-9,16603408	-0,058	0,301
CHR2	1E+07	CHR2:10350994	SSF x LoA	-10,6855108	-0,018	0,300
CHR2	1E+07	CHR2:10351021	SSF x LoA	-9,99346744	-0,003	0,312
CHR2	1E+07	CHR2:10353954	SSF x LoA	-7,71755558	-0,050	0,308
CHR2	1E+07	CHR2:10353991	SSF x LoA	-10,9121495	-0,071	0,300
CHR2	1E+07	CHR2:10353992	SSF x LoA	-8,67996265	-0,075	0,306
CHR2	1E+07	CHR2:10354030	SSF x LoA	-7,28767359	0,145	0,291
CHR2	1E+07	CHR2:10354822	SSF x LoA	-10,5319846	0,073	0,302
CHR2	1E+07	CHR2:10354886	SSF x LoA	-7,82605897	0,099	0,293

CHR2	1E+07	CHR2:10354903	SSF x LoA	-7,64941891	0,000	0,321
CHR2	1E+07	CHR2:10354926	SSF x LoA	-10,8401758	-0,123	0,314
CHR2	1E+07	CHR2:10354933	SSF x LoA	-9,45505601	-0,057	0,301
CHR2	1E+07	CHR2:10354971	SSF x LoA	-11,0850973	-0,111	0,299
CHR2	1E+07	CHR2:10354972	SSF x LoA	-8,72070299	0,160	0,291
CHR2	1E+07	CHR2:10354988	SSF x LoA	-10,480362	0,136	0,294
CHR2	1E+07	CHR2:10357863	SSF x LoA	-8,7033581	0,050	0,308
CHR2	1E+07	CHR2:10357874	SSF x LoA	-7,37377094	-0,002	0,317
CHR2	1E+07	CHR2:10357898	SSF x LoA	-5,40421705	-0,058	0,319
CHR2	1E+07	CHR2:10357960	SSF x LoA	-8,62512325	-0,097	0,318
CHR2	1E+07	CHR2:10372827	SSF x LoA	-7,84567988	-0,034	0,321
CHR2	1E+07	CHR2:10372856	SSF x LoA	-9,17403881	0,059	0,308
CHR2	1E+07	CHR2:10372904	SSF x LoA	-8,33423205	-0,046	0,314
CHR2	1E+07	CHR2:10372944	SSF x LoA	-8,68946173	0,018	0,305
CHR2	1E+07	CHR2:10372989	SSF x LoA	-7,43994016	0,138	0,315
CHR2	1E+07	CHR2:10379141	SSF x LoA	-9,26727521	0,121	0,300
CHR2	1E+07	CHR2:10379189	SSF x LoA	-6,78881391	-0,095	0,293
CHR2	1E+07	CHR2:10381826	SSF x LoA	-10,9900708	0,027	0,305
CHR2	1E+07	CHR2:10383529	SSF x LoA	-9,86249382	0,080	0,313
CHR2	1E+07	CHR2:10383602	SSF x LoA	-9,89939491	-0,115	0,300
CHR2	1E+07	CHR2:10389918	SSF x LoA	-9,76070251	0,026	0,301
CHR2	1E+07	CHR2:10392659	SSF x LoA	-8,46477264	-0,022	0,315
CHR2	1E+07	CHR2:10392706	SSF x LoA	-10,7775449	-0,009	0,305
CHR2	1E+07	CHR2:10392736	SSF x LoA	-7,72221529	0,001	0,323
CHR2	1E+07	CHR2:10392759	SSF x LoA	-8,84947689	0,012	0,298
CHR2	1E+07	CHR2:10392847	SSF x LoA	-10,4709446	-0,010	0,290
CHR2	1E+07	CHR2:10398811	SSF x LoA	-10,7541385	0,029	0,301
CHR2	1E+07	CHR2:10398840	SSF x LoA	-11,694075	0,009	0,324
CHR2	1E+07	CHR2:10398949	SSF x LoA	-9,41335202	0,054	0,311
CHR2	1E+07	CHR2:10416453	SSF x LoA	-1,29022087	-0,184	0,306
CHR2	1E+07	CHR2:10431582	SSF x LoA	-8,74908326	-0,067	0,299
CHR2	1E+07	CHR2:10431629	SSF x LoA	-9,28037767	0,026	0,319
CHR2	1E+07	CHR2:10431662	SSF x LoA	-9,87943594	-0,001	0,303
CHR2	1E+07	CHR2:10431668	SSF x LoA	-9,41237427	0,023	0,295
CHR2	1E+07	CHR2:10431677	SSF x LoA	-7,15077393	0,017	0,335
CHR2	1E+07	CHR2:10431694	SSF x LoA	-8,5473341	0,059	0,316
CHR2	1E+07	CHR2:10431707	SSF x LoA	-9,34925076	-0,042	0,308
CHR2	1E+07	CHR2:10431723	SSF x LoA	-9,25657458	-0,072	0,308
CHR2	1E+07	CHR2:10431731	SSF x LoA	-8,86518723	0,005	0,316
CHR2	1E+07	CHR2:10431750	SSF x LoA	-6,44968959	-0,115	0,310
CHR2	1E+07	CHR2:10434079	SSF x LoA	-8,14030388	-0,073	0,322
CHR2	1E+07	CHR2:10434145	SSF x LoA	-9,54675078	-0,013	0,317
CHR2	1E+07	CHR2:10434146	SSF x LoA	-11,0881527	0,008	0,302
CHR2	1E+07	CHR2:10434187	SSF x LoA	-9,164513	-0,040	0,310
CHR2	1E+07	CHR2:10434188	SSF x LoA	-8,7922559	-0,004	0,315
CHR2	1E+07	CHR2:10434190	SSF x LoA	-9,32087292	-0,026	0,303
CHR2	1E+07	CHR2:10434535	SSF x LoA	-8,8604554	0,066	0,321
CHR2	1E+07	CHR2:10434596	SSF x LoA	-10,1858739	0,002	0,292
CHR2	1E+07	CHR2:10437858	SSF x LoA	-11,2495667	-0,004	0,302
CHR2	1E+07	CHR2:10437905	SSF x LoA	-9,2420411	0,108	0,298
CHR2	1E+07	CHR2:10437926	SSF x LoA	-1,43634095	0,043	0,315
CHR2	1E+07	CHR2:10437998	SSF x LoA	-9,47611678	-0,022	0,310
CHR2	1E+07	CHR2:10438060	SSF x LoA	-7,36501647	0,086	0,314

CHR2	1E+07	CHR2:10441289	SSF x LoA	-8,76609728	0,027	0,306
CHR2	1E+07	CHR2:10446443	SSF x LoA	-9,15621114	0,019	0,316
CHR2	1E+07	CHR2:10452669	SSF x LoA	-8,91242194	0,143	0,317
CHR2	1E+07	CHR2:10453330	SSF x LoA	-10,3167546	0,056	0,307
CHR2	1E+07	CHR2:10453461	SSF x LoA	-10,5151313	-0,016	0,311
CHR2	1E+07	CHR2:10457801	SSF x LoA	-8,78344026	-0,009	0,291
CHR2	1E+07	CHR2:10457802	SSF x LoA	-10,5970587	-0,057	0,318
CHR2	1E+07	CHR2:10459485	SSF x LoA	-11,356227	-0,015	0,315
CHR2	1E+07	CHR2:10459513	SSF x LoA	-8,23187856	-0,050	0,309
CHR2	1E+07	CHR2:10464290	SSF x LoA	-8,65124331	0,004	0,324
CHR2	1E+07	CHR2:10464297	SSF x LoA	-7,53877218	-0,140	0,310
CHR2	1E+07	CHR2:10466382	SSF x LoA	-7,80591802	0,112	0,308
CHR2	1E+07	CHR2:10466429	SSF x LoA	-5,83420393	-0,079	0,308
CHR2	1E+07	CHR2:10466470	SSF x LoA	-8,86205714	0,079	0,304
CHR2	1E+07	CHR2:10469191	SSF x LoA	-9,60948647	-0,013	0,297
CHR2	1E+07	CHR2:10474163	SSF x LoA	-7,07030019	-0,003	0,305
CHR2	1E+07	CHR2:10483637	SSF x LoA	-9,33336437	-0,026	0,307
CHR2	1E+07	CHR2:10483652	SSF x LoA	-9,70151148	-0,057	0,299
CHR2	1E+07	CHR2:10483740	SSF x LoA	-9,7236384	0,164	0,306
CHR2	1E+07	CHR2:10483756	SSF x LoA	-8,48484741	0,078	0,309
CHR2	1E+07	CHR2:10483778	SSF x LoA	-8,59845675	-0,018	0,307
CHR2	1E+07	CHR2:10483796	SSF x LoA	-11,1287354	0,033	0,304
CHR2	1E+07	CHR2:10483811	SSF x LoA	-8,85801208	-0,009	0,309
CHR2	1E+07	CHR2:10483816	SSF x LoA	-9,87495184	0,019	0,296
CHR2	1E+07	CHR2:10486283	SSF x LoA	-11,0123885	-0,045	0,317
CHR2	1E+07	CHR2:10490478	SSF x LoA	-9,20345648	-0,070	0,318
CHR2	1E+07	CHR2:10490497	SSF x LoA	-8,37405501	0,082	0,313
CHR2	1E+07	CHR2:10490578	SSF x LoA	-7,08201061	-0,173	0,306
CHR2	1E+07	CHR2:10490643	SSF x LoA	-8,44603008	-0,007	0,305
CHR2	1E+07	CHR2:10495952	SSF x LoA	2,10864008	-0,116	0,302
CHR2	1E+07	CHR2:10495996	SSF x LoA	-9,41735997	0,101	0,321
CHR2	1E+07	CHR2:10495997	SSF x LoA	-6,51126111	0,090	0,306
CHR2	1E+07	CHR2:10495999	SSF x LoA	-8,14421626	0,082	0,297
CHR2	1E+07	CHR2:10496035	SSF x LoA	-8,59638436	0,064	0,303
CHR2	1E+07	CHR2:10496183	SSF x LoA	-9,69461111	-0,112	0,304
CHR2	1E+07	CHR2:10498324	SSF x LoA	-11,4844385	-0,046	0,304
CHR2	1E+07	CHR2:10498805	SSF x LoA	-8,8435581	-0,105	0,306
CHR2	1E+07	CHR2:10498808	SSF x LoA	-10,4218838	0,070	0,300
CHR2	1049977	CHR2:1049977	SSF x LoA	-10,829301	-0,071	0,302
CHR2	1050020	CHR2:1050020	SSF x LoA	-11,4476517	0,006	0,306
CHR2	1050033	CHR2:1050033	SSF x LoA	-6,38158966	-0,147	0,295
CHR2	10501348	CHR2:10501348	SSF x LoA	-6,37649553	-0,112	0,310
CHR2	10501420	CHR2:10501420	SSF x LoA	-9,15584929	0,048	0,311
CHR2	10501424	CHR2:10501424	SSF x LoA	-9,99566928	0,071	0,310
CHR2	10501425	CHR2:10501425	SSF x LoA	-10,6724282	0,022	0,294
CHR2	1050153	CHR2:1050153	SSF x LoA	-7,50527201	-0,163	0,295
CHR2	1050180	CHR2:1050180	SSF x LoA	-6,552386	-0,001	0,301
CHR2	1050186	CHR2:1050186	SSF x LoA	-7,44364728	-0,066	0,310
CHR2	1050195	CHR2:1050195	SSF x LoA	-8,95159065	-0,069	0,307
CHR2	10502354	CHR2:10502354	SSF x LoA	-10,1523584	-0,136	0,294
CHR2	10519161	CHR2:10519161	SSF x LoA	-7,6740055	0,095	0,304
CHR2	10519200	CHR2:10519200	SSF x LoA	-9,50406414	-0,016	0,305
CHR2	10519653	CHR2:10519653	SSF x LoA	-9,51204281	-0,064	0,302

CHR2	10523745	CHR2:10523745	SSF x LoA	-5,90392708	-0,142	0,308
CHR2	10523832	CHR2:10523832	SSF x LoA	-9,30666619	0,078	0,303
CHR2	10529088	CHR2:10529088	SSF x LoA	-10,9691777	0,047	0,309
CHR2	10529105	CHR2:10529105	SSF x LoA	-8,77296179	-0,023	0,303
CHR2	10529109	CHR2:10529109	SSF x LoA	-10,2455988	0,056	0,306
CHR2	10529134	CHR2:10529134	SSF x LoA	-10,3120727	0,032	0,305
CHR2	10529164	CHR2:10529164	SSF x LoA	-6,93967277	-0,078	0,311
CHR2	10540867	CHR2:10540867	SSF x LoA	-5,09289772	0,097	0,316
CHR2	10540876	CHR2:10540876	SSF x LoA	-10,093415	-0,052	0,316
CHR2	10541059	CHR2:10541059	SSF x LoA	-9,71108211	0,130	0,302
CHR2	10541239	CHR2:10541239	SSF x LoA	-9,14806252	0,046	0,302
CHR2	10542420	CHR2:10542420	SSF x LoA	-8,44860513	-0,061	0,318
CHR2	10542438	CHR2:10542438	SSF x LoA	-8,25123931	-0,081	0,300
CHR2	10542473	CHR2:10542473	SSF x LoA	-10,6553576	0,061	0,298
CHR2	10542540	CHR2:10542540	SSF x LoA	-10,7849153	0,021	0,318
CHR2	10569434	CHR2:10569434	SSF x LoA	-8,83010758	0,077	0,299
CHR2	10569604	CHR2:10569604	SSF x LoA	-8,20729107	0,005	0,322
CHR2	10575335	CHR2:10575335	SSF x LoA	-7,5210875	-0,102	0,312
CHR2	10576756	CHR2:10576756	SSF x LoA	-9,45792137	0,031	0,321
CHR2	10581951	CHR2:10581951	SSF x LoA	-9,46851769	0,016	0,294
CHR2	10581955	CHR2:10581955	SSF x LoA	-8,78062474	0,115	0,294
CHR2	10581969	CHR2:10581969	SSF x LoA	-4,60711428	0,085	0,312
CHR2	10582042	CHR2:10582042	SSF x LoA	-10,8661866	0,047	0,312
CHR2	10582043	CHR2:10582043	SSF x LoA	-11,7205735	0,053	0,316
CHR2	10582054	CHR2:10582054	SSF x LoA	-8,61058002	0,073	0,294
CHR2	10589389	CHR2:10589389	SSF x LoA	-9,75097334	-0,055	0,307
CHR2	10589410	CHR2:10589410	SSF x LoA	-9,60295772	-0,004	0,293
CHR2	10597817	CHR2:10597817	SSF x LoA	-9,09799794	-0,020	0,317
CHR2	10597821	CHR2:10597821	SSF x LoA	-9,74964885	-0,010	0,297
CHR2	10597826	CHR2:10597826	SSF x LoA	-11,4395589	-0,008	0,317
CHR2	10597834	CHR2:10597834	SSF x LoA	-9,81684782	0,000	0,299
CHR2	10597853	CHR2:10597853	SSF x LoA	-11,0794179	-0,009	0,310
CHR2	10597854	CHR2:10597854	SSF x LoA	-10,5739396	0,041	0,311
CHR2	10597863	CHR2:10597863	SSF x LoA	-11,297077	0,022	0,307
CHR2	10597870	CHR2:10597870	SSF x LoA	-8,45951167	0,013	0,321
CHR2	10597887	CHR2:10597887	SSF x LoA	-8,95323218	0,032	0,302
CHR2	10597891	CHR2:10597891	SSF x LoA	-10,7087231	0,039	0,295
CHR2	10597895	CHR2:10597895	SSF x LoA	-10,9394141	0,011	0,312
CHR2	10597910	CHR2:10597910	SSF x LoA	-10,9529398	-0,008	0,293
CHR2	10597915	CHR2:10597915	SSF x LoA	-9,20380368	0,020	0,313
CHR2	10598052	CHR2:10598052	SSF x LoA	-9,36615349	0,003	0,299
CHR2	10598081	CHR2:10598081	SSF x LoA	-7,42120547	-0,044	0,309
CHR2	10598085	CHR2:10598085	SSF x LoA	-10,4203977	-0,053	0,304
CHR2	10600106	CHR2:10600106	SSF x LoA	-5,63974737	-0,003	0,316
CHR2	10600221	CHR2:10600221	SSF x LoA	-9,26433544	0,001	0,313
CHR2	10600323	CHR2:10600323	SSF x LoA	-11,7001046	-0,017	0,311
CHR2	10600347	CHR2:10600347	SSF x LoA	-8,22811977	0,135	0,311
CHR2	10604768	CHR2:10604768	SSF x LoA	-10,0578815	0,007	0,297
CHR2	10604838	CHR2:10604838	SSF x LoA	-10,1973502	0,050	0,284
CHR2	10604846	CHR2:10604846	SSF x LoA	-8,65800521	0,033	0,293
CHR2	10607944	CHR2:10607944	SSF x LoA	-11,3292441	-0,023	0,302
CHR2	10607998	CHR2:10607998	SSF x LoA	-10,0884355	-0,072	0,298
CHR2	10608004	CHR2:10608004	SSF x LoA	-8,87876821	-0,074	0,313

CHR2	10608005	CHR2:10608005	SSF x LoA	-9,13499975	0,111	0,299
CHR2	10608037	CHR2:10608037	SSF x LoA	-11,0494587	-0,067	0,292
CHR2	10608071	CHR2:10608071	SSF x LoA	-9,90131515	0,083	0,314
CHR2	10608112	CHR2:10608112	SSF x LoA	-9,91589798	0,068	0,323
CHR2	10613643	CHR2:10613643	SSF x LoA	-9,75000908	-0,030	0,321
CHR2	10613731	CHR2:10613731	SSF x LoA	-10,8027318	-0,081	0,301
CHR2	10613791	CHR2:10613791	SSF x LoA	-11,1051507	0,058	0,315
CHR2	10613874	CHR2:10613874	SSF x LoA	-7,23065547	-0,107	0,311
CHR2	10625605	CHR2:10625605	SSF x LoA	-7,91339405	-0,074	0,301
CHR2	1063973	CHR2:1063973	SSF x LoA	-10,3332002	-0,089	0,311
CHR2	10639980	CHR2:10639980	SSF x LoA	-8,52497037	0,126	0,292
CHR2	10639998	CHR2:10639998	SSF x LoA	-8,78990649	0,045	0,307
CHR2	10640005	CHR2:10640005	SSF x LoA	-10,5414246	-0,043	0,304
CHR2	10640009	CHR2:10640009	SSF x LoA	-9,881197	-0,037	0,304
CHR2	10640045	CHR2:10640045	SSF x LoA	-9,16148677	0,122	0,305
CHR2	10640053	CHR2:10640053	SSF x LoA	-9,42673507	0,070	0,311
CHR2	1064150	CHR2:1064150	SSF x LoA	-8,58280715	0,132	0,293
CHR2	1064158	CHR2:1064158	SSF x LoA	-9,59581032	0,119	0,301
CHR2	1064163	CHR2:1064163	SSF x LoA	-9,68986576	0,104	0,304
CHR2	10645806	CHR2:10645806	SSF x LoA	-7,93494545	-0,060	0,301
CHR2	10647620	CHR2:10647620	SSF x LoA	-9,04601924	0,074	0,296
CHR2	10647655	CHR2:10647655	SSF x LoA	-9,27445977	-0,093	0,308
CHR2	10647702	CHR2:10647702	SSF x LoA	-9,28119624	-0,089	0,299
CHR2	10649351	CHR2:10649351	SSF x LoA	-8,93763541	0,016	0,305
CHR2	10649375	CHR2:10649375	SSF x LoA	-7,90050397	0,099	0,301
CHR2	10650925	CHR2:10650925	SSF x LoA	-9,64022551	-0,080	0,301
CHR2	10650981	CHR2:10650981	SSF x LoA	-9,0639256	-0,066	0,309
CHR2	10656959	CHR2:10656959	SSF x LoA	1,83505274	-0,100	0,306
CHR2	10665846	CHR2:10665846	SSF x LoA	-7,71893292	0,131	0,309
CHR2	10665899	CHR2:10665899	SSF x LoA	-11,158803	-0,046	0,310
CHR2	10665907	CHR2:10665907	SSF x LoA	-10,1123134	0,104	0,296
CHR2	10665909	CHR2:10665909	SSF x LoA	-7,34792478	0,005	0,304
CHR2	10667092	CHR2:10667092	SSF x LoA	-8,88425385	-0,020	0,305
CHR2	10667127	CHR2:10667127	SSF x LoA	-10,4305195	-0,044	0,308
CHR2	10667198	CHR2:10667198	SSF x LoA	-11,1664522	-0,067	0,309
CHR2	10671670	CHR2:10671670	SSF x LoA	-8,21728881	-0,020	0,315
CHR2	10688960	CHR2:10688960	SSF x LoA	-10,7559048	-0,018	0,303
CHR2	10689006	CHR2:10689006	SSF x LoA	-5,76349906	-0,052	0,305
CHR2	10689009	CHR2:10689009	SSF x LoA	-8,18576184	0,094	0,312
CHR2	10689103	CHR2:10689103	SSF x LoA	-8,34311321	-0,008	0,317
CHR2	10689714	CHR2:10689714	SSF x LoA	-9,33706379	-0,004	0,294
CHR2	10689805	CHR2:10689805	SSF x LoA	-9,60573776	0,104	0,303
CHR2	10689813	CHR2:10689813	SSF x LoA	-8,63769537	-0,003	0,312
CHR2	10694818	CHR2:10694818	SSF x LoA	-10,2511042	-0,052	0,314
CHR2	10694819	CHR2:10694819	SSF x LoA	-10,2097364	0,009	0,319
CHR2	10694827	CHR2:10694827	SSF x LoA	-9,78916564	0,061	0,307
CHR2	10694970	CHR2:10694970	SSF x LoA	-7,59526083	0,169	0,306
CHR2	10694991	CHR2:10694991	SSF x LoA	-11,9093041	-0,030	0,304
CHR2	10695007	CHR2:10695007	SSF x LoA	-6,58638483	0,139	0,295
CHR2	10695010	CHR2:10695010	SSF x LoA	-11,562113	-0,012	0,304
CHR2	10695032	CHR2:10695032	SSF x LoA	-11,2054678	-0,012	0,310
CHR2	10697733	CHR2:10697733	SSF x LoA	-9,2874939	0,077	0,302
CHR2	10698021	CHR2:10698021	SSF x LoA	-10,8367427	0,003	0,300

CHR2	10703985	CHR2:10703985	SSF x LoA	-9,77815041	0,030	0,312
CHR2	10705630	CHR2:10705630	SSF x LoA	-10,506419	-0,053	0,305
CHR2	10705657	CHR2:10705657	SSF x LoA	-10,5592076	0,079	0,303
CHR2	10705717	CHR2:10705717	SSF x LoA	-8,0797889	0,040	0,309
CHR2	10705718	CHR2:10705718	SSF x LoA	-11,3590893	-0,085	0,301
CHR2	10708634	CHR2:10708634	SSF x LoA	-10,2650278	-0,050	0,307
CHR2	10708665	CHR2:10708665	SSF x LoA	-9,03243229	0,015	0,306
CHR2	10708676	CHR2:10708676	SSF x LoA	-12,1469639	-0,006	0,302
CHR2	10708681	CHR2:10708681	SSF x LoA	-9,6609839	0,054	0,296
CHR2	10708710	CHR2:10708710	SSF x LoA	-10,3818519	-0,057	0,307
CHR2	10710483	CHR2:10710483	SSF x LoA	-8,33549472	-0,029	0,317
CHR2	10711217	CHR2:10711217	SSF x LoA	-7,59176688	0,075	0,325
CHR2	10721294	CHR2:10721294	SSF x LoA	-8,12978278	0,001	0,311
CHR2	10721620	CHR2:10721620	SSF x LoA	-10,9809956	-0,017	0,295
CHR2	10721690	CHR2:10721690	SSF x LoA	8,76002145	-0,036	0,320
CHR2	10721705	CHR2:10721705	SSF x LoA	-9,59153724	0,001	0,296
CHR2	10740602	CHR2:10740602	SSF x LoA	-9,87419776	0,019	0,306
CHR2	10740678	CHR2:10740678	SSF x LoA	-10,6432476	-0,026	0,302
CHR2	10740730	CHR2:10740730	SSF x LoA	-8,68509699	0,066	0,305
CHR2	10740783	CHR2:10740783	SSF x LoA	-6,74759655	0,034	0,291
CHR2	10740830	CHR2:10740830	SSF x LoA	-7,80548073	-0,021	0,309
CHR2	10740834	CHR2:10740834	SSF x LoA	-9,28657122	0,010	0,319
CHR2	10740840	CHR2:10740840	SSF x LoA	-7,88874376	-0,037	0,322
CHR2	10740901	CHR2:10740901	SSF x LoA	-7,88954899	0,050	0,299
CHR2	10742420	CHR2:10742420	SSF x LoA	-10,3673783	-0,031	0,320
CHR2	10742456	CHR2:10742456	SSF x LoA	-9,20337145	0,052	0,307
CHR2	10742464	CHR2:10742464	SSF x LoA	-10,2936557	-0,069	0,292
CHR2	10742465	CHR2:10742465	SSF x LoA	-7,04309044	0,091	0,314
CHR2	10742775	CHR2:10742775	SSF x LoA	-6,06722521	0,019	0,299
CHR2	10742791	CHR2:10742791	SSF x LoA	-6,69269429	0,004	0,287
CHR2	10742870	CHR2:10742870	SSF x LoA	-10,7265102	-0,021	0,302
CHR2	10747589	CHR2:10747589	SSF x LoA	-10,9359328	-0,029	0,299
CHR2	10747621	CHR2:10747621	SSF x LoA	-8,59701199	0,089	0,304
CHR2	10747678	CHR2:10747678	SSF x LoA	-8,588068	-0,151	0,306
CHR2	10747742	CHR2:10747742	SSF x LoA	-11,0721502	-0,046	0,309
CHR2	10747765	CHR2:10747765	SSF x LoA	-6,12319131	0,107	0,302
CHR2	10747766	CHR2:10747766	SSF x LoA	-11,0404497	-0,027	0,316
CHR2	10747769	CHR2:10747769	SSF x LoA	-8,44090099	-0,147	0,319
CHR2	10747775	CHR2:10747775	SSF x LoA	-4,72866676	-0,055	0,304
CHR2	10747807	CHR2:10747807	SSF x LoA	-7,27729304	-0,144	0,302
CHR2	10762093	CHR2:10762093	SSF x LoA	-7,95328878	-0,128	0,302
CHR2	1076281	CHR2:1076281	SSF x LoA	-10,3976072	0,038	0,304
CHR2	1076300	CHR2:1076300	SSF x LoA	-10,9955763	-0,035	0,318
CHR2	1076301	CHR2:1076301	SSF x LoA	-9,68405962	-0,054	0,299
CHR2	1076323	CHR2:1076323	SSF x LoA	-10,5412866	-0,060	0,320
CHR2	1076354	CHR2:1076354	SSF x LoA	-9,08751386	-0,048	0,318
CHR2	1076364	CHR2:1076364	SSF x LoA	-9,34306305	-0,002	0,313
CHR2	10765173	CHR2:10765173	SSF x LoA	-10,5343495	-0,020	0,317
CHR2	10765275	CHR2:10765275	SSF x LoA	-8,1956361	0,044	0,307
CHR2	10765300	CHR2:10765300	SSF x LoA	-9,53643594	0,015	0,326
CHR2	10768230	CHR2:10768230	SSF x LoA	-9,56536111	0,021	0,311
CHR2	10768234	CHR2:10768234	SSF x LoA	-8,09320907	-0,021	0,311
CHR2	10768344	CHR2:10768344	SSF x LoA	-8,36120948	0,008	0,313

CHR2	10768535	CHR2:10768535	SSF x LoA	-10,8594729	-0,101	0,304
CHR2	10772730	CHR2:10772730	SSF x LoA	-8,55154593	0,027	0,305
CHR2	10772748	CHR2:10772748	SSF x LoA	-11,108792	0,004	0,309
CHR2	10772755	CHR2:10772755	SSF x LoA	-6,4377865	-0,187	0,306
CHR2	10772823	CHR2:10772823	SSF x LoA	-10,5764487	0,011	0,308
CHR2	1077938	CHR2:1077938	SSF x LoA	-5,69160421	0,181	0,297
CHR2	1077939	CHR2:1077939	SSF x LoA	-7,96707345	0,157	0,300
CHR2	10781643	CHR2:10781643	SSF x LoA	-9,36777979	0,084	0,296
CHR2	10781649	CHR2:10781649	SSF x LoA	-9,98809374	0,150	0,312
CHR2	10781658	CHR2:10781658	SSF x LoA	-9,03634316	-0,096	0,309
CHR2	10781698	CHR2:10781698	SSF x LoA	-5,43781176	-0,149	0,316
CHR2	10799473	CHR2:10799473	SSF x LoA	-10,6755691	-0,049	0,299
CHR2	10799527	CHR2:10799527	SSF x LoA	-9,4562686	0,021	0,298
CHR2	10799593	CHR2:10799593	SSF x LoA	-8,54946852	-0,072	0,308
CHR2	10802832	CHR2:10802832	SSF x LoA	-6,95537588	0,101	0,300
CHR2	10802833	CHR2:10802833	SSF x LoA	-8,6980461	0,119	0,302
CHR2	10802842	CHR2:10802842	SSF x LoA	-8,7828082	-0,065	0,313
CHR2	10802903	CHR2:10802903	SSF x LoA	-7,02840229	0,128	0,307
CHR2	10803010	CHR2:10803010	SSF x LoA	-9,10740245	-0,069	0,310
CHR2	10810579	CHR2:10810579	SSF x LoA	-6,88938274	0,126	0,304
CHR2	10810589	CHR2:10810589	SSF x LoA	-11,334557	-0,086	0,312
CHR2	10815212	CHR2:10815212	SSF x LoA	-6,68933615	-0,125	0,315
CHR2	10817394	CHR2:10817394	SSF x LoA	-9,54241013	0,078	0,302
CHR2	10817486	CHR2:10817486	SSF x LoA	-3,87347417	0,032	0,301
CHR2	10817499	CHR2:10817499	SSF x LoA	-8,4278876	0,050	0,290
CHR2	10826293	CHR2:10826293	SSF x LoA	-9,90065697	-0,109	0,298
CHR2	10826379	CHR2:10826379	SSF x LoA	-8,87297635	-0,034	0,302
CHR2	10826422	CHR2:10826422	SSF x LoA	-6,38602181	-0,063	0,307
CHR2	10830185	CHR2:10830185	SSF x LoA	-10,4380169	0,023	0,314
CHR2	10832696	CHR2:10832696	SSF x LoA	-8,41584584	-0,169	0,290
CHR2	10832807	CHR2:10832807	SSF x LoA	-7,29967882	-0,077	0,298
CHR2	10854976	CHR2:10854976	SSF x LoA	-9,91840253	-0,064	0,297
CHR2	10854981	CHR2:10854981	SSF x LoA	-8,22921209	-0,067	0,303
CHR2	10854997	CHR2:10854997	SSF x LoA	-10,4947223	-0,069	0,289
CHR2	10855020	CHR2:10855020	SSF x LoA	-9,0201296	-0,054	0,296
CHR2	10855039	CHR2:10855039	SSF x LoA	-7,8053137	-0,100	0,295
CHR2	10855193	CHR2:10855193	SSF x LoA	-8,25861099	0,051	0,302
CHR2	10869795	CHR2:10869795	SSF x LoA	-8,71933661	0,089	0,297
CHR2	10869803	CHR2:10869803	SSF x LoA	-10,0478876	-0,060	0,292
CHR2	10869819	CHR2:10869819	SSF x LoA	-0,84419964	0,034	0,303
CHR2	10869845	CHR2:10869845	SSF x LoA	-9,19128934	0,068	0,308
CHR2	10869855	CHR2:10869855	SSF x LoA	-7,43539854	0,073	0,301
CHR2	10869917	CHR2:10869917	SSF x LoA	-8,76147943	0,092	0,321
CHR2	10869997	CHR2:10869997	SSF x LoA	-8,40045545	0,060	0,299
CHR2	10870006	CHR2:10870006	SSF x LoA	-9,85923266	0,062	0,291
CHR2	1087293	CHR2:1087293	SSF x LoA	-9,29079274	0,035	0,302
CHR2	1087298	CHR2:1087298	SSF x LoA	-10,7566527	0,018	0,309
CHR2	1087339	CHR2:1087339	SSF x LoA	-8,78982924	-0,034	0,300
CHR2	1087346	CHR2:1087346	SSF x LoA	-8,08669445	0,054	0,312
CHR2	1087359	CHR2:1087359	SSF x LoA	6,78385854	-0,054	0,306
CHR2	1088090	CHR2:1088090	SSF x LoA	-8,24093692	0,015	0,314
CHR2	10884156	CHR2:10884156	SSF x LoA	-9,55603447	-0,151	0,295
CHR2	10884178	CHR2:10884178	SSF x LoA	-10,8060526	-0,002	0,308

CHR2	10884217	CHR2:10884217	SSF x LoA	-8,22400984	0,082	0,311
CHR2	10884239	CHR2:10884239	SSF x LoA	-9,11941914	0,004	0,307
CHR2	10884339	CHR2:10884339	SSF x LoA	-11,241832	0,015	0,307
CHR2	10886459	CHR2:10886459	SSF x LoA	-8,45493969	-0,129	0,296
CHR2	10886463	CHR2:10886463	SSF x LoA	-5,92060833	0,095	0,313
CHR2	10886476	CHR2:10886476	SSF x LoA	-9,72501441	0,045	0,298
CHR2	10886506	CHR2:10886506	SSF x LoA	-8,9398774	0,000	0,298
CHR2	10886509	CHR2:10886509	SSF x LoA	-4,23558398	0,186	0,299
CHR2	10886568	CHR2:10886568	SSF x LoA	-6,6894074	0,088	0,305
CHR2	10900456	CHR2:10900456	SSF x LoA	-11,0277951	-0,008	0,310
CHR2	10900512	CHR2:10900512	SSF x LoA	-10,9558076	-0,036	0,310
CHR2	10904506	CHR2:10904506	SSF x LoA	-7,29675182	0,010	0,310
CHR2	10904992	CHR2:10904992	SSF x LoA	-9,82898683	0,123	0,298
CHR2	10905000	CHR2:10905000	SSF x LoA	-8,61696836	-0,150	0,302
CHR2	10905012	CHR2:10905012	SSF x LoA	-10,986966	-0,049	0,316
CHR2	10905051	CHR2:10905051	SSF x LoA	-9,0082294	0,083	0,299
CHR2	10905088	CHR2:10905088	SSF x LoA	-10,9168909	0,123	0,306
CHR2	10913803	CHR2:10913803	SSF x LoA	-9,17581175	0,090	0,304
CHR2	10913816	CHR2:10913816	SSF x LoA	-8,62833651	0,105	0,312
CHR2	10913921	CHR2:10913921	SSF x LoA	-8,4559299	0,076	0,313
CHR2	10913938	CHR2:10913938	SSF x LoA	-8,55667943	0,014	0,313
CHR2	10913974	CHR2:10913974	SSF x LoA	-11,00363	-0,031	0,307
CHR2	10914014	CHR2:10914014	SSF x LoA	-8,05437242	-0,034	0,318
CHR2	10914055	CHR2:10914055	SSF x LoA	-11,4905721	0,059	0,311
CHR2	10933192	CHR2:10933192	SSF x LoA	-11,1068531	0,018	0,310
CHR2	10933216	CHR2:10933216	SSF x LoA	-10,8214173	-0,112	0,300
CHR2	10933303	CHR2:10933303	SSF x LoA	-9,44702713	0,003	0,305
CHR2	10933317	CHR2:10933317	SSF x LoA	-9,86636004	-0,037	0,311
CHR2	10933359	CHR2:10933359	SSF x LoA	-9,44594427	-0,009	0,300
CHR2	10936990	CHR2:10936990	SSF x LoA	-10,2896999	-0,156	0,296
CHR2	10936991	CHR2:10936991	SSF x LoA	-10,6082077	-0,141	0,302
CHR2	10936999	CHR2:10936999	SSF x LoA	-9,90009391	-0,158	0,299
CHR2	10937022	CHR2:10937022	SSF x LoA	-8,9031933	-0,153	0,291
CHR2	10937031	CHR2:10937031	SSF x LoA	-7,20703549	-0,104	0,299
CHR2	10937041	CHR2:10937041	SSF x LoA	-4,53490295	0,088	0,305
CHR2	10937332	CHR2:10937332	SSF x LoA	-10,9516304	0,034	0,305
CHR2	10939371	CHR2:10939371	SSF x LoA	-8,05932224	-0,028	0,307
CHR2	10939428	CHR2:10939428	SSF x LoA	-7,66986809	-0,061	0,322
CHR2	10939504	CHR2:10939504	SSF x LoA	-7,96333919	-0,087	0,312
CHR2	10944372	CHR2:10944372	SSF x LoA	-8,54850521	0,073	0,309
CHR2	10961636	CHR2:10961636	SSF x LoA	-6,58505879	0,025	0,312
CHR2	10972022	CHR2:10972022	SSF x LoA	-3,62052188	-0,106	0,308
CHR2	10972081	CHR2:10972081	SSF x LoA	-5,27557595	-0,031	0,303
CHR2	10972208	CHR2:10972208	SSF x LoA	-11,3310226	-0,042	0,310
CHR2	10976383	CHR2:10976383	SSF x LoA	-10,0177581	-0,010	0,300
CHR2	10976512	CHR2:10976512	SSF x LoA	-11,67707	-0,024	0,303
CHR2	10985601	CHR2:10985601	SSF x LoA	-9,90334579	0,070	0,294
CHR2	10985609	CHR2:10985609	SSF x LoA	-10,052857	-0,138	0,304
CHR2	10985764	CHR2:10985764	SSF x LoA	-10,7050958	0,115	0,305
CHR2	10985807	CHR2:10985807	SSF x LoA	-8,60529301	-0,009	0,300
CHR2	10985821	CHR2:10985821	SSF x LoA	-9,24621928	0,012	0,297
CHR2	10989021	CHR2:10989021	SSF x LoA	-12,1307723	0,070	0,302
CHR2	10989078	CHR2:10989078	SSF x LoA	-11,5950388	-0,075	0,299

CHR2	10996483	CHR2:10996483	SSF x LoA	-4,41991691	0,136	0,300
CHR2	10996493	CHR2:10996493	SSF x LoA	-8,61159994	0,121	0,298
CHR2	10996573	CHR2:10996573	SSF x LoA	-8,36754711	-0,075	0,308
CHR2	10998751	CHR2:10998751	SSF x LoA	-11,6141208	0,002	0,312
CHR2	10998780	CHR2:10998780	SSF x LoA	-11,7248003	-0,003	0,304
CHR2	10998824	CHR2:10998824	SSF x LoA	-7,85141745	0,113	0,309
CHR2	11004700	CHR2:11004700	SSF x LoA	-9,83458913	0,146	0,308
CHR2	11004776	CHR2:11004776	SSF x LoA	-8,70219643	0,030	0,305
CHR2	11004784	CHR2:11004784	SSF x LoA	-6,47223779	0,084	0,306
CHR2	11004813	CHR2:11004813	SSF x LoA	-9,46568023	-0,079	0,295
CHR2	11004838	CHR2:11004838	SSF x LoA	-5,1996608	0,143	0,285
CHR2	11015560	CHR2:11015560	SSF x LoA	-9,34869295	-0,030	0,317
CHR2	11015625	CHR2:11015625	SSF x LoA	-7,0342053	0,063	0,318
CHR2	11015640	CHR2:11015640	SSF x LoA	-10,9269528	-0,001	0,307
CHR2	11015658	CHR2:11015658	SSF x LoA	-8,69481252	-0,110	0,315
CHR2	1101765	CHR2:1101765	SSF x LoA	-6,55707792	-0,038	0,304
CHR2	1101880	CHR2:1101880	SSF x LoA	-9,29902521	0,008	0,317
CHR2	1101895	CHR2:1101895	SSF x LoA	-10,2590475	-0,116	0,302
CHR2	11022789	CHR2:11022789	SSF x LoA	-10,1053556	0,011	0,309
CHR2	11022837	CHR2:11022837	SSF x LoA	-9,42385142	0,054	0,306
CHR2	11022867	CHR2:11022867	SSF x LoA	-10,6985754	0,046	0,304
CHR2	11026828	CHR2:11026828	SSF x LoA	-9,00141525	-0,020	0,318
CHR2	11026846	CHR2:11026846	SSF x LoA	-9,48236254	-0,005	0,313
CHR2	11026991	CHR2:11026991	SSF x LoA	-10,3743002	-0,041	0,303
CHR2	11033272	CHR2:11033272	SSF x LoA	5,02218559	0,127	0,293
CHR2	11033404	CHR2:11033404	SSF x LoA	-8,27868863	0,051	0,312
CHR2	11033409	CHR2:11033409	SSF x LoA	-11,3174178	-0,005	0,314
CHR2	11033416	CHR2:11033416	SSF x LoA	-8,87183685	-0,162	0,305
CHR2	11033452	CHR2:11033452	SSF x LoA	-7,10014141	0,178	0,303
CHR2	11035909	CHR2:11035909	SSF x LoA	-7,97515708	-0,115	0,309
CHR2	11035953	CHR2:11035953	SSF x LoA	-10,8494009	0,022	0,300
CHR2	11035970	CHR2:11035970	SSF x LoA	-4,47497691	-0,111	0,293
CHR2	11036088	CHR2:11036088	SSF x LoA	-8,5563203	0,004	0,314
CHR2	11036099	CHR2:11036099	SSF x LoA	-10,5895613	-0,089	0,299
CHR2	11036138	CHR2:11036138	SSF x LoA	-9,50077327	-0,020	0,319
CHR2	11042509	CHR2:11042509	SSF x LoA	-9,8631344	0,048	0,309
CHR2	11042547	CHR2:11042547	SSF x LoA	-9,30791235	-0,030	0,313
CHR2	11042548	CHR2:11042548	SSF x LoA	-9,5703207	0,009	0,304
CHR2	11044079	CHR2:11044079	SSF x LoA	-7,31811722	0,078	0,313
CHR2	11044122	CHR2:11044122	SSF x LoA	-9,50063126	-0,139	0,311
CHR2	11044126	CHR2:11044126	SSF x LoA	-7,72612264	0,078	0,310
CHR2	11044561	CHR2:11044561	SSF x LoA	-6,88448498	-0,152	0,304
CHR2	1105445	CHR2:1105445	SSF x LoA	-8,42848107	-0,014	0,301
CHR2	1105465	CHR2:1105465	SSF x LoA	-8,49806292	-0,092	0,290
CHR2	11059534	CHR2:11059534	SSF x LoA	-9,14371421	-0,050	0,299
CHR2	11059718	CHR2:11059718	SSF x LoA	-8,03652884	-0,057	0,314
CHR2	11059747	CHR2:11059747	SSF x LoA	-10,6307253	-0,025	0,312
CHR2	11066363	CHR2:11066363	SSF x LoA	-9,70045967	-0,122	0,297
CHR2	11066484	CHR2:11066484	SSF x LoA	-8,84820775	0,022	0,313
CHR2	11066491	CHR2:11066491	SSF x LoA	-9,11852954	0,038	0,308
CHR2	11066537	CHR2:11066537	SSF x LoA	-9,67350625	0,033	0,312
CHR2	11066549	CHR2:11066549	SSF x LoA	-11,4449285	-0,017	0,312
CHR2	11069115	CHR2:11069115	SSF x LoA	-4,90450478	0,064	0,305

CHR2	11069117	CHR2:11069117	SSF x LoA	-9,93802935	-0,141	0,295
CHR2	11069270	CHR2:11069270	SSF x LoA	-7,44166876	0,034	0,308
CHR2	11069281	CHR2:11069281	SSF x LoA	-7,73516146	-0,076	0,328
CHR2	11069302	CHR2:11069302	SSF x LoA	-9,07167147	0,055	0,303
CHR2	11069324	CHR2:11069324	SSF x LoA	-6,92532704	-0,137	0,302
CHR2	11070852	CHR2:11070852	SSF x LoA	-9,34712899	0,013	0,316
CHR2	11071894	CHR2:11071894	SSF x LoA	-10,270296	0,061	0,299
CHR2	11071899	CHR2:11071899	SSF x LoA	-6,67798235	-0,055	0,309
CHR2	11073160	CHR2:11073160	SSF x LoA	-6,23780833	0,111	0,312
CHR2	11077563	CHR2:11077563	SSF x LoA	-7,39281204	0,011	0,295
CHR2	11077565	CHR2:11077565	SSF x LoA	-11,1865633	0,027	0,309
CHR2	11077603	CHR2:11077603	SSF x LoA	-8,25273628	0,101	0,303
CHR2	11077606	CHR2:11077606	SSF x LoA	-9,98370233	0,015	0,301
CHR2	11077627	CHR2:11077627	SSF x LoA	-9,04001089	-0,041	0,305
CHR2	11077628	CHR2:11077628	SSF x LoA	-8,25209037	-0,007	0,310
CHR2	11077640	CHR2:11077640	SSF x LoA	-8,89553768	-0,040	0,305
CHR2	11077708	CHR2:11077708	SSF x LoA	-10,6503986	-0,033	0,316
CHR2	11077735	CHR2:11077735	SSF x LoA	-10,5973115	-0,073	0,316
CHR2	11077788	CHR2:11077788	SSF x LoA	-4,50730844	-0,063	0,311
CHR2	11077876	CHR2:11077876	SSF x LoA	-8,9537438	-0,067	0,299
CHR2	11077883	CHR2:11077883	SSF x LoA	-8,98767822	-0,028	0,322
CHR2	1108016	CHR2:1108016	SSF x LoA	-6,42866573	0,102	0,312
CHR2	1108069	CHR2:1108069	SSF x LoA	-8,99609462	-0,011	0,313
CHR2	1108105	CHR2:1108105	SSF x LoA	-5,90866124	-0,174	0,304
CHR2	11098693	CHR2:11098693	SSF x LoA	-9,20203371	-0,063	0,303
CHR2	11098697	CHR2:11098697	SSF x LoA	-7,98717838	0,034	0,301
CHR2	11098702	CHR2:11098702	SSF x LoA	-10,8232164	-0,027	0,314
CHR2	11103927	CHR2:11103927	SSF x LoA	-11,1339099	-0,027	0,332
CHR2	11108716	CHR2:11108716	SSF x LoA	-7,23955376	0,118	0,313
CHR2	11108756	CHR2:11108756	SSF x LoA	-8,67277298	0,037	0,301
CHR2	11108786	CHR2:11108786	SSF x LoA	-9,98995897	-0,077	0,302
CHR2	11108792	CHR2:11108792	SSF x LoA	-9,34997368	-0,120	0,308
CHR2	11108795	CHR2:11108795	SSF x LoA	-9,56072921	0,119	0,307
CHR2	11108883	CHR2:11108883	SSF x LoA	-9,80555617	-0,012	0,313
CHR2	11108896	CHR2:11108896	SSF x LoA	-7,34826886	-0,001	0,312
CHR2	11117715	CHR2:11117715	SSF x LoA	-9,13660803	0,136	0,303
CHR2	11119383	CHR2:11119383	SSF x LoA	-8,89012221	0,044	0,291
CHR2	11119409	CHR2:11119409	SSF x LoA	-8,91076716	-0,118	0,302
CHR2	11122848	CHR2:11122848	SSF x LoA	-9,69322893	0,130	0,314
CHR2	11129079	CHR2:11129079	SSF x LoA	-9,33755571	-0,047	0,276
CHR2	11129094	CHR2:11129094	SSF x LoA	-9,45687982	-0,045	0,315
CHR2	11129098	CHR2:11129098	SSF x LoA	-7,09654258	-0,169	0,288
CHR2	11129099	CHR2:11129099	SSF x LoA	-1,75765481	-0,179	0,290
CHR2	11129103	CHR2:11129103	SSF x LoA	-9,19129183	-0,006	0,318
CHR2	11129124	CHR2:11129124	SSF x LoA	-10,2935033	-0,095	0,314
CHR2	11129183	CHR2:11129183	SSF x LoA	-10,7004077	0,018	0,304
CHR2	11133846	CHR2:11133846	SSF x LoA	-10,5264848	-0,109	0,310
CHR2	11133894	CHR2:11133894	SSF x LoA	-9,3691645	-0,110	0,289
CHR2	11134114	CHR2:11134114	SSF x LoA	-9,95459217	0,049	0,293
CHR2	11138038	CHR2:11138038	SSF x LoA	-8,84004161	-0,100	0,308
CHR2	11138106	CHR2:11138106	SSF x LoA	-12,4538072	0,105	0,291
CHR2	11138136	CHR2:11138136	SSF x LoA	-7,93872275	0,063	0,299
CHR2	11139819	CHR2:11139819	SSF x LoA	-9,79679119	0,108	0,308

CHR2	11139837	CHR2:11139837	SSF x LoA	-10,8370571	0,086	0,310
CHR2	11139871	CHR2:11139871	SSF x LoA	-7,6686828	-0,099	0,299
CHR2	11139931	CHR2:11139931	SSF x LoA	-9,56390891	0,135	0,297
CHR2	11140049	CHR2:11140049	SSF x LoA	-11,7132679	0,002	0,322
CHR2	11148654	CHR2:11148654	SSF x LoA	-9,36397351	0,085	0,306
CHR2	11154304	CHR2:11154304	SSF x LoA	-9,33989428	0,066	0,312
CHR2	11164195	CHR2:11164195	SSF x LoA	-7,70396376	-0,120	0,296
CHR2	11165293	CHR2:11165293	SSF x LoA	-6,44585231	-0,045	0,312
CHR2	11169333	CHR2:11169333	SSF x LoA	-8,8922737	0,090	0,298
CHR2	11169371	CHR2:11169371	SSF x LoA	-7,74696262	0,031	0,312
CHR2	11169383	CHR2:11169383	SSF x LoA	-7,30496204	0,000	0,311
CHR2	11169402	CHR2:11169402	SSF x LoA	-7,79714634	-0,044	0,313
CHR2	11169572	CHR2:11169572	SSF x LoA	-10,6220504	0,006	0,313
CHR2	11170922	CHR2:11170922	SSF x LoA	-10,8401225	-0,030	0,300
CHR2	11170984	CHR2:11170984	SSF x LoA	-9,91529366	0,030	0,303
CHR2	11171746	CHR2:11171746	SSF x LoA	-12,4073633	0,022	0,302
CHR2	11174808	CHR2:11174808	SSF x LoA	-7,64707155	-0,079	0,307
CHR2	11179979	CHR2:11179979	SSF x LoA	-3,30499431	0,154	0,311
CHR2	11179996	CHR2:11179996	SSF x LoA	-5,22695171	0,179	0,296
CHR2	11180079	CHR2:11180079	SSF x LoA	-3,57263844	0,169	0,319
CHR2	11185156	CHR2:11185156	SSF x LoA	1,27393984	0,066	0,326
CHR2	11185179	CHR2:11185179	SSF x LoA	-9,47338357	0,079	0,308
CHR2	11185188	CHR2:11185188	SSF x LoA	-8,26790198	-0,020	0,324
CHR2	11185232	CHR2:11185232	SSF x LoA	-11,2144248	0,007	0,310
CHR2	11185586	CHR2:11185586	SSF x LoA	-9,61255385	0,030	0,304
CHR2	1118836	CHR2:1118836	SSF x LoA	11,5219962	0,230	0,276
CHR2	1119096	CHR2:1119096	SSF x LoA	-6,01691739	-0,100	0,316
CHR2	11194740	CHR2:11194740	SSF x LoA	-10,1545266	0,002	0,308
CHR2	11194769	CHR2:11194769	SSF x LoA	-7,91319778	0,015	0,308
CHR2	11195225	CHR2:11195225	SSF x LoA	-8,21280942	0,093	0,308
CHR2	11195323	CHR2:11195323	SSF x LoA	-10,5494115	0,033	0,303
CHR2	1119751	CHR2:1119751	SSF x LoA	-10,6316622	0,109	0,295
CHR2	11198054	CHR2:11198054	SSF x LoA	-10,4914766	-0,116	0,297
CHR2	11198091	CHR2:11198091	SSF x LoA	-9,88814957	0,092	0,301
CHR2	11202938	CHR2:11202938	SSF x LoA	-10,0888288	-0,098	0,308
CHR2	11213935	CHR2:11213935	SSF x LoA	-10,1604164	-0,075	0,300
CHR2	11214029	CHR2:11214029	SSF x LoA	-9,44802551	0,017	0,307
CHR2	11214137	CHR2:11214137	SSF x LoA	-8,46705394	0,059	0,301
CHR2	11214155	CHR2:11214155	SSF x LoA	-11,4082673	0,015	0,298
CHR2	11214254	CHR2:11214254	SSF x LoA	-8,98665469	-0,094	0,294
CHR2	11219734	CHR2:11219734	SSF x LoA	-8,41203668	-0,076	0,304
CHR2	11219751	CHR2:11219751	SSF x LoA	-8,61907594	0,115	0,311
CHR2	11219769	CHR2:11219769	SSF x LoA	-7,87763366	-0,211	0,293
CHR2	11233856	CHR2:11233856	SSF x LoA	-9,29633572	0,030	0,296
CHR2	11233880	CHR2:11233880	SSF x LoA	-6,5425557	0,112	0,296
CHR2	11234934	CHR2:11234934	SSF x LoA	-9,70009223	-0,040	0,308
CHR2	11234935	CHR2:11234935	SSF x LoA	-8,58068569	0,089	0,307
CHR2	11237241	CHR2:11237241	SSF x LoA	-10,1952023	0,064	0,294
CHR2	11237291	CHR2:11237291	SSF x LoA	-8,16706921	0,038	0,315
CHR2	11237322	CHR2:11237322	SSF x LoA	-7,26581129	-0,093	0,302
CHR2	11250031	CHR2:11250031	SSF x LoA	-10,8763789	-0,028	0,308
CHR2	11250150	CHR2:11250150	SSF x LoA	-10,4634716	0,039	0,307
CHR2	11250156	CHR2:11250156	SSF x LoA	-9,47543018	0,122	0,295

CHR2	11250183	CHR2:11250183	SSF x LoA	-10,8996229	0,015	0,299
CHR2	11250294	CHR2:11250294	SSF x LoA	-8,06207588	0,086	0,307
CHR2	11250308	CHR2:11250308	SSF x LoA	-9,74767241	-0,059	0,305
CHR2	11265045	CHR2:11265045	SSF x LoA	-7,36211113	0,099	0,308
CHR2	11265109	CHR2:11265109	SSF x LoA	-8,72784674	0,028	0,316
CHR2	11265155	CHR2:11265155	SSF x LoA	-10,0650301	0,009	0,310
CHR2	11265156	CHR2:11265156	SSF x LoA	-11,7046638	-0,007	0,305
CHR2	11265188	CHR2:11265188	SSF x LoA	-10,3335112	0,036	0,307
CHR2	11277149	CHR2:11277149	SSF x LoA	-6,82827981	-0,143	0,313
CHR2	11282362	CHR2:11282362	SSF x LoA	-8,66946304	0,013	0,303
CHR2	11282372	CHR2:11282372	SSF x LoA	-9,57160135	-0,070	0,297
CHR2	11282467	CHR2:11282467	SSF x LoA	-10,7756294	-0,085	0,311
CHR2	11285174	CHR2:11285174	SSF x LoA	-10,7375553	0,017	0,310
CHR2	11285402	CHR2:11285402	SSF x LoA	-9,51483354	-0,053	0,311
CHR2	11285445	CHR2:11285445	SSF x LoA	-10,0240581	-0,021	0,307
CHR2	11291428	CHR2:11291428	SSF x LoA	-11,0123226	0,051	0,313
CHR2	11291432	CHR2:11291432	SSF x LoA	-8,81462518	-0,090	0,303
CHR2	11291469	CHR2:11291469	SSF x LoA	-11,3913094	-0,046	0,296
CHR2	11295589	CHR2:11295589	SSF x LoA	-2,93091886	0,008	0,303
CHR2	11295778	CHR2:11295778	SSF x LoA	-8,27176701	-0,085	0,312
CHR2	11320161	CHR2:11320161	SSF x LoA	-10,7539464	-0,029	0,301
CHR2	11324980	CHR2:11324980	SSF x LoA	-8,63453325	0,069	0,305
CHR2	11325048	CHR2:11325048	SSF x LoA	-9,52986001	0,030	0,295
CHR2	11333506	CHR2:11333506	SSF x LoA	-7,77229573	0,040	0,321
CHR2	11333518	CHR2:11333518	SSF x LoA	-8,12466825	-0,074	0,299
CHR2	11333519	CHR2:11333519	SSF x LoA	-8,16252035	-0,032	0,305
CHR2	11333520	CHR2:11333520	SSF x LoA	-7,663521	-0,094	0,307
CHR2	11333796	CHR2:11333796	SSF x LoA	-8,57507448	-0,060	0,315
CHR2	11333805	CHR2:11333805	SSF x LoA	-11,4626333	0,005	0,303
CHR2	11348349	CHR2:11348349	SSF x LoA	-9,05415601	0,035	0,319
CHR2	11348434	CHR2:11348434	SSF x LoA	-6,84876211	0,023	0,313
CHR2	11348447	CHR2:11348447	SSF x LoA	-6,78453403	-0,027	0,304
CHR2	11351270	CHR2:11351270	SSF x LoA	-10,2227675	0,029	0,312
CHR2	11351315	CHR2:11351315	SSF x LoA	-11,398935	-0,022	0,308
CHR2	11351380	CHR2:11351380	SSF x LoA	-9,14053975	-0,057	0,304
CHR2	11351391	CHR2:11351391	SSF x LoA	-8,7572699	0,089	0,316
CHR2	11353146	CHR2:11353146	SSF x LoA	-5,69643271	-0,103	0,297
CHR2	11353163	CHR2:11353163	SSF x LoA	-2,11699057	-0,116	0,294
CHR2	11355811	CHR2:11355811	SSF x LoA	-8,92420836	0,014	0,315
CHR2	11355842	CHR2:11355842	SSF x LoA	-10,1344917	0,009	0,320
CHR2	11355896	CHR2:11355896	SSF x LoA	-11,2671057	-0,015	0,302
CHR2	11356677	CHR2:11356677	SSF x LoA	-8,97363338	-0,043	0,305
CHR2	11356733	CHR2:11356733	SSF x LoA	-9,58489056	0,093	0,301
CHR2	1136391	CHR2:1136391	SSF x LoA	-10,2372585	-0,089	0,300
CHR2	11364885	CHR2:11364885	SSF x LoA	-10,0789684	-0,013	0,321
CHR2	11364903	CHR2:11364903	SSF x LoA	-10,6385147	0,030	0,322
CHR2	1136491	CHR2:1136491	SSF x LoA	-8,81843626	-0,102	0,301
CHR2	11364950	CHR2:11364950	SSF x LoA	-5,19391955	-0,187	0,298
CHR2	11364965	CHR2:11364965	SSF x LoA	-10,7390806	-0,002	0,281
CHR2	11364979	CHR2:11364979	SSF x LoA	-11,3145247	-0,022	0,308
CHR2	11365084	CHR2:11365084	SSF x LoA	-8,32417961	-0,113	0,291
CHR2	11366854	CHR2:11366854	SSF x LoA	-9,01068885	0,043	0,322
CHR2	11366882	CHR2:11366882	SSF x LoA	-8,01201947	0,124	0,311

CHR2	11366892	CHR2:11366892	SSF x LoA	-8,85221911	0,093	0,308
CHR2	11366915	CHR2:11366915	SSF x LoA	-9,40620832	0,085	0,315
CHR2	11366916	CHR2:11366916	SSF x LoA	-8,34168755	0,045	0,305
CHR2	11373384	CHR2:11373384	SSF x LoA	-9,59856396	0,049	0,302
CHR2	11373444	CHR2:11373444	SSF x LoA	-11,373249	0,080	0,303
CHR2	11373502	CHR2:11373502	SSF x LoA	-11,5008443	0,041	0,298
CHR2	11385137	CHR2:11385137	SSF x LoA	-6,96881938	0,125	0,301
CHR2	11385185	CHR2:11385185	SSF x LoA	-8,40746189	0,168	0,297
CHR2	11385226	CHR2:11385226	SSF x LoA	-10,8722656	0,110	0,312
CHR2	11395135	CHR2:11395135	SSF x LoA	-11,3378129	-0,041	0,307
CHR2	11395138	CHR2:11395138	SSF x LoA	-11,0496463	0,040	0,307
CHR2	11404498	CHR2:11404498	SSF x LoA	-10,6430283	-0,028	0,299
CHR2	11404509	CHR2:11404509	SSF x LoA	-8,22504712	0,002	0,319
CHR2	1140468	CHR2:1140468	SSF x LoA	-9,98581279	-0,017	0,322
CHR2	11408382	CHR2:11408382	SSF x LoA	-10,8058313	-0,049	0,309
CHR2	11408480	CHR2:11408480	SSF x LoA	-8,21472064	0,033	0,300
CHR2	11408498	CHR2:11408498	SSF x LoA	-9,34598151	-0,071	0,309
CHR2	11412498	CHR2:11412498	SSF x LoA	-10,350096	0,110	0,309
CHR2	11412576	CHR2:11412576	SSF x LoA	-9,79371323	0,018	0,297
CHR2	11414980	CHR2:11414980	SSF x LoA	-9,97213	-0,139	0,305
CHR2	11414994	CHR2:11414994	SSF x LoA	-8,3491223	-0,063	0,309
CHR2	11434654	CHR2:11434654	SSF x LoA	-6,13445309	-0,140	0,307
CHR2	11434662	CHR2:11434662	SSF x LoA	-6,72916787	-0,120	0,298
CHR2	11434698	CHR2:11434698	SSF x LoA	-8,39165216	-0,125	0,291
CHR2	11434707	CHR2:11434707	SSF x LoA	-8,55429018	-0,072	0,307
CHR2	11434758	CHR2:11434758	SSF x LoA	-6,93113689	0,134	0,312
CHR2	11434776	CHR2:11434776	SSF x LoA	-9,7072159	0,014	0,322
CHR2	11434843	CHR2:11434843	SSF x LoA	-9,38783056	-0,145	0,313
CHR2	1143628	CHR2:1143628	SSF x LoA	-7,35078979	-0,119	0,309
CHR2	1143723	CHR2:1143723	SSF x LoA	-5,32097511	0,101	0,318
CHR2	11469436	CHR2:11469436	SSF x LoA	-8,53600965	0,032	0,308
CHR2	11469451	CHR2:11469451	SSF x LoA	-7,57358253	-0,099	0,309
CHR2	11469488	CHR2:11469488	SSF x LoA	-7,1855883	0,000	0,322
CHR2	1147366	CHR2:1147366	SSF x LoA	-10,0447992	0,036	0,300
CHR2	1147440	CHR2:1147440	SSF x LoA	-10,3629179	-0,053	0,311
CHR2	1147446	CHR2:1147446	SSF x LoA	-10,1604049	-0,046	0,308
CHR2	1147477	CHR2:1147477	SSF x LoA	-9,86213813	0,026	0,312
CHR2	1147485	CHR2:1147485	SSF x LoA	-9,64894456	0,060	0,303
CHR2	1147579	CHR2:1147579	SSF x LoA	-9,96085237	0,085	0,315
CHR2	11483689	CHR2:11483689	SSF x LoA	-11,2874737	0,050	0,305
CHR2	11484834	CHR2:11484834	SSF x LoA	-10,7884492	-0,041	0,315
CHR2	11489319	CHR2:11489319	SSF x LoA	-4,2716551	-0,238	0,300
CHR2	11489382	CHR2:11489382	SSF x LoA	-7,14803653	0,147	0,303
CHR2	11489388	CHR2:11489388	SSF x LoA	-6,89818261	-0,179	0,296
CHR2	11489654	CHR2:11489654	SSF x LoA	-8,44797009	-0,098	0,299
CHR2	11498209	CHR2:11498209	SSF x LoA	-8,30671174	0,046	0,320
CHR2	11498228	CHR2:11498228	SSF x LoA	-8,50151583	-0,006	0,301
CHR2	11498268	CHR2:11498268	SSF x LoA	-8,95046764	0,068	0,318
CHR2	11498289	CHR2:11498289	SSF x LoA	-9,37702392	-0,026	0,307
CHR2	11498348	CHR2:11498348	SSF x LoA	-6,88221615	-0,092	0,306
CHR2	11498380	CHR2:11498380	SSF x LoA	-9,95305726	0,014	0,311
CHR2	11498507	CHR2:11498507	SSF x LoA	-9,41851043	0,073	0,316
CHR2	11498511	CHR2:11498511	SSF x LoA	-10,0173047	0,060	0,300

CHR2	11498527	CHR2:11498527	SSF x LoA	-11,0619487	-0,057	0,303
CHR2	11502950	CHR2:11502950	SSF x LoA	-10,9817287	0,037	0,308
CHR2	11502957	CHR2:11502957	SSF x LoA	-8,57820477	-0,015	0,309
CHR2	11502980	CHR2:11502980	SSF x LoA	-8,74946841	0,004	0,304
CHR2	11502988	CHR2:11502988	SSF x LoA	-11,5325194	0,032	0,295
CHR2	11502990	CHR2:11502990	SSF x LoA	-8,93317474	-0,139	0,310
CHR2	11502995	CHR2:11502995	SSF x LoA	-10,7193743	-0,094	0,307
CHR2	11503081	CHR2:11503081	SSF x LoA	-11,1539755	0,029	0,308
CHR2	11503181	CHR2:11503181	SSF x LoA	-9,27647854	0,043	0,311
CHR2	11512999	CHR2:11512999	SSF x LoA	-4,03103971	-0,119	0,294
CHR2	11513006	CHR2:11513006	SSF x LoA	-6,52363396	0,066	0,302
CHR2	11513012	CHR2:11513012	SSF x LoA	-8,8978313	0,069	0,300
CHR2	11513165	CHR2:11513165	SSF x LoA	-4,56700666	-0,062	0,305
CHR2	11513182	CHR2:11513182	SSF x LoA	-10,9395667	0,095	0,316
CHR2	11513220	CHR2:11513220	SSF x LoA	-10,6630184	-0,078	0,302
CHR2	11513226	CHR2:11513226	SSF x LoA	-9,59871515	-0,068	0,302
CHR2	11513228	CHR2:11513228	SSF x LoA	-9,9674566	0,117	0,293
CHR2	11513256	CHR2:11513256	SSF x LoA	-5,66570885	-0,078	0,300
CHR2	11523257	CHR2:11523257	SSF x LoA	-10,0207713	-0,045	0,310
CHR2	11523268	CHR2:11523268	SSF x LoA	-5,40349862	-0,044	0,313
CHR2	11523279	CHR2:11523279	SSF x LoA	-8,80390154	0,066	0,308
CHR2	11523333	CHR2:11523333	SSF x LoA	-10,0444002	0,004	0,314
CHR2	11523376	CHR2:11523376	SSF x LoA	-8,9920034	0,044	0,315
CHR2	11524470	CHR2:11524470	SSF x LoA	-10,5363704	-0,034	0,301
CHR2	11532915	CHR2:11532915	SSF x LoA	-9,82917417	0,025	0,297
CHR2	11532922	CHR2:11532922	SSF x LoA	-9,37969917	0,041	0,297
CHR2	11532933	CHR2:11532933	SSF x LoA	-9,0118679	-0,039	0,299
CHR2	11532970	CHR2:11532970	SSF x LoA	-10,0712549	-0,076	0,306
CHR2	11533000	CHR2:11533000	SSF x LoA	-7,15390902	-0,022	0,306
CHR2	11533042	CHR2:11533042	SSF x LoA	-7,82983437	0,071	0,312
CHR2	11533061	CHR2:11533061	SSF x LoA	-10,3709137	-0,041	0,305
CHR2	11540538	CHR2:11540538	SSF x LoA	-8,91933132	-0,052	0,293
CHR2	11540623	CHR2:11540623	SSF x LoA	-10,9188488	0,079	0,305
CHR2	11543088	CHR2:11543088	SSF x LoA	-11,0689544	0,004	0,295
CHR2	11543129	CHR2:11543129	SSF x LoA	-9,19550577	0,086	0,301
CHR2	11543140	CHR2:11543140	SSF x LoA	-9,4344161	-0,032	0,301
CHR2	11543291	CHR2:11543291	SSF x LoA	-10,9944683	0,046	0,301
CHR2	11543445	CHR2:11543445	SSF x LoA	-10,90625	-0,036	0,318
CHR2	11549784	CHR2:11549784	SSF x LoA	-9,38910619	-0,010	0,291
CHR2	11549866	CHR2:11549866	SSF x LoA	-5,52558257	-0,076	0,314
CHR2	11549891	CHR2:11549891	SSF x LoA	-7,62713838	-0,009	0,297
CHR2	11549905	CHR2:11549905	SSF x LoA	-8,28578875	0,021	0,314
CHR2	11560146	CHR2:11560146	SSF x LoA	-8,96617612	0,000	0,318
CHR2	11560233	CHR2:11560233	SSF x LoA	-8,22519352	0,004	0,311
CHR2	11563350	CHR2:11563350	SSF x LoA	-3,73307898	0,162	0,297
CHR2	11563381	CHR2:11563381	SSF x LoA	-9,68577379	0,018	0,307
CHR2	11563410	CHR2:11563410	SSF x LoA	-9,29715747	0,015	0,303
CHR2	11563412	CHR2:11563412	SSF x LoA	-9,98955263	0,089	0,307
CHR2	11563435	CHR2:11563435	SSF x LoA	-9,80217281	0,104	0,307
CHR2	11563474	CHR2:11563474	SSF x LoA	-7,67134264	0,090	0,318
CHR2	11568247	CHR2:11568247	SSF x LoA	-9,1194367	-0,092	0,304
CHR2	11568262	CHR2:11568262	SSF x LoA	-10,9859905	0,010	0,308
CHR2	11568530	CHR2:11568530	SSF x LoA	-10,7962593	0,036	0,306

CHR2	11568554	CHR2:11568554	SSF x LoA	-8,63667807	0,109	0,321
CHR2	11568566	CHR2:11568566	SSF x LoA	-11,7336874	0,044	0,303
CHR2	11568579	CHR2:11568579	SSF x LoA	-6,57667313	0,103	0,307
CHR2	11568588	CHR2:11568588	SSF x LoA	-8,83497118	0,055	0,306
CHR2	11570130	CHR2:11570130	SSF x LoA	-10,7350431	0,040	0,307
CHR2	11570134	CHR2:11570134	SSF x LoA	-10,0343406	0,018	0,301
CHR2	11570202	CHR2:11570202	SSF x LoA	-9,96143237	-0,069	0,289
CHR2	11570222	CHR2:11570222	SSF x LoA	-7,85182201	0,117	0,299
CHR2	1159002	CHR2:1159002	SSF x LoA	-12,4524015	-0,017	0,304
CHR2	1159959	CHR2:1159959	SSF x LoA	-8,90031144	0,002	0,310
CHR2	1159960	CHR2:1159960	SSF x LoA	-9,265764	0,000	0,299
CHR2	1159990	CHR2:1159990	SSF x LoA	-8,2720813	-0,074	0,310
CHR2	1160035	CHR2:1160035	SSF x LoA	-8,92633567	0,035	0,315
CHR2	1160049	CHR2:1160049	SSF x LoA	-11,3765692	-0,053	0,308
CHR2	11605951	CHR2:11605951	SSF x LoA	-9,69006139	-0,018	0,304
CHR2	11606212	CHR2:11606212	SSF x LoA	-8,33063086	-0,058	0,300
CHR2	11607791	CHR2:11607791	SSF x LoA	-8,56349244	0,017	0,308
CHR2	1161973	CHR2:1161973	SSF x LoA	-8,7843034	-0,052	0,307
CHR2	1162002	CHR2:1162002	SSF x LoA	-9,13059378	0,032	0,318
CHR2	11629550	CHR2:11629550	SSF x LoA	-7,32798982	0,072	0,303
CHR2	11631112	CHR2:11631112	SSF x LoA	-11,3475547	-0,133	0,289
CHR2	11650569	CHR2:11650569	SSF x LoA	-10,7613534	-0,065	0,315
CHR2	11650879	CHR2:11650879	SSF x LoA	-4,76002652	0,168	0,304
CHR2	11650896	CHR2:11650896	SSF x LoA	-6,63665455	0,178	0,294
CHR2	11654772	CHR2:11654772	SSF x LoA	-7,32017422	-0,163	0,302
CHR2	11654881	CHR2:11654881	SSF x LoA	-10,110697	0,016	0,304
CHR2	11668316	CHR2:11668316	SSF x LoA	-10,212862	0,032	0,312
CHR2	11668352	CHR2:11668352	SSF x LoA	-9,90471831	0,136	0,308
CHR2	11668357	CHR2:11668357	SSF x LoA	-10,4701366	0,112	0,308
CHR2	11668365	CHR2:11668365	SSF x LoA	-7,86110726	0,117	0,307
CHR2	11668369	CHR2:11668369	SSF x LoA	-9,40335773	-0,207	0,292
CHR2	11668375	CHR2:11668375	SSF x LoA	-9,57691802	0,076	0,314
CHR2	11668397	CHR2:11668397	SSF x LoA	7,01228415	0,080	0,310
CHR2	11668412	CHR2:11668412	SSF x LoA	-10,613297	0,118	0,299
CHR2	11668425	CHR2:11668425	SSF x LoA	-6,84220048	0,094	0,327
CHR2	11668545	CHR2:11668545	SSF x LoA	-9,55694264	-0,010	0,320
CHR2	11673034	CHR2:11673034	SSF x LoA	-10,3568951	0,111	0,303
CHR2	11673125	CHR2:11673125	SSF x LoA	-9,22953478	0,077	0,314
CHR2	11687089	CHR2:11687089	SSF x LoA	-8,26751929	0,026	0,304
CHR2	11697711	CHR2:11697711	SSF x LoA	-9,65711815	0,030	0,314
CHR2	11697727	CHR2:11697727	SSF x LoA	-8,70587257	0,020	0,329
CHR2	11697899	CHR2:11697899	SSF x LoA	-11,1980389	0,026	0,319
CHR2	11702456	CHR2:11702456	SSF x LoA	-11,7208221	0,052	0,305
CHR2	11712313	CHR2:11712313	SSF x LoA	-6,96356693	0,095	0,301
CHR2	11712476	CHR2:11712476	SSF x LoA	-10,4031343	0,078	0,311
CHR2	11712484	CHR2:11712484	SSF x LoA	-8,49802065	-0,110	0,301
CHR2	11712488	CHR2:11712488	SSF x LoA	-8,76357527	0,100	0,311
CHR2	11712498	CHR2:11712498	SSF x LoA	-8,15090922	-0,162	0,297
CHR2	11712515	CHR2:11712515	SSF x LoA	-9,70435859	0,098	0,298
CHR2	11714780	CHR2:11714780	SSF x LoA	-7,97798874	0,048	0,318
CHR2	11725542	CHR2:11725542	SSF x LoA	-9,04036974	0,105	0,303
CHR2	11725596	CHR2:11725596	SSF x LoA	-9,99951338	0,045	0,308
CHR2	11757915	CHR2:11757915	SSF x LoA	-8,58932523	0,090	0,279

CHR2	11763410	CHR2:11763410	SSF x LoA	-9,74068806	0,014	0,309
CHR2	11763620	CHR2:11763620	SSF x LoA	-8,84755461	0,168	0,304
CHR2	11763747	CHR2:11763747	SSF x LoA	-10,5739484	0,136	0,297
CHR2	11763754	CHR2:11763754	SSF x LoA	-9,36580999	-0,131	0,307
CHR2	11775235	CHR2:11775235	SSF x LoA	-10,2838384	0,113	0,312
CHR2	11776492	CHR2:11776492	SSF x LoA	-11,0458483	0,028	0,307
CHR2	11776767	CHR2:11776767	SSF x LoA	-8,29485406	-0,021	0,317
CHR2	11782030	CHR2:11782030	SSF x LoA	-6,71379414	-0,040	0,304
CHR2	11782046	CHR2:11782046	SSF x LoA	-10,6699931	0,140	0,290
CHR2	11782107	CHR2:11782107	SSF x LoA	-9,6363608	0,105	0,303
CHR2	11782108	CHR2:11782108	SSF x LoA	-5,39056385	-0,039	0,319
CHR2	11782166	CHR2:11782166	SSF x LoA	-10,5989331	0,065	0,311
CHR2	11788994	CHR2:11788994	SSF x LoA	-7,26331325	0,109	0,314
CHR2	11789339	CHR2:11789339	SSF x LoA	-11,5026027	-0,059	0,307
CHR2	11799273	CHR2:11799273	SSF x LoA	-12,222698	-0,016	0,309
CHR2	11799312	CHR2:11799312	SSF x LoA	-7,24657694	0,160	0,300
CHR2	11799364	CHR2:11799364	SSF x LoA	-10,4596455	-0,062	0,293
CHR2	11799434	CHR2:11799434	SSF x LoA	-8,742594	-0,006	0,304
CHR2	1180550	CHR2:1180550	SSF x LoA	-9,29134185	-0,106	0,308
CHR2	1180552	CHR2:1180552	SSF x LoA	-5,65775255	-0,036	0,312
CHR2	1180772	CHR2:1180772	SSF x LoA	-9,64064865	0,060	0,302
CHR2	1180802	CHR2:1180802	SSF x LoA	-10,2215723	0,016	0,310
CHR2	11811853	CHR2:11811853	SSF x LoA	-5,46005719	0,219	0,299
CHR2	11812226	CHR2:11812226	SSF x LoA	-7,36441651	0,090	0,306
CHR2	11812231	CHR2:11812231	SSF x LoA	-8,15811039	0,088	0,306
CHR2	11812255	CHR2:11812255	SSF x LoA	-12,1237846	-0,080	0,295
CHR2	11812294	CHR2:11812294	SSF x LoA	-9,95427823	-0,004	0,330
CHR2	11812311	CHR2:11812311	SSF x LoA	-8,10918858	-0,081	0,311
CHR2	11812342	CHR2:11812342	SSF x LoA	-5,48217175	0,048	0,309
CHR2	11820732	CHR2:11820732	SSF x LoA	-9,7130712	0,051	0,315
CHR2	11840509	CHR2:11840509	SSF x LoA	-9,46345078	-0,085	0,309
CHR2	11844446	CHR2:11844446	SSF x LoA	-9,48416999	0,105	0,292
CHR2	11844455	CHR2:11844455	SSF x LoA	-10,157762	-0,062	0,312
CHR2	11844495	CHR2:11844495	SSF x LoA	-10,9922705	0,037	0,297
CHR2	11844532	CHR2:11844532	SSF x LoA	-5,78396242	-0,069	0,304
CHR2	11844559	CHR2:11844559	SSF x LoA	-5,47526386	-0,085	0,305
CHR2	11844560	CHR2:11844560	SSF x LoA	-8,6191406	-0,073	0,306
CHR2	11846162	CHR2:11846162	SSF x LoA	-10,7214095	0,039	0,309
CHR2	11852029	CHR2:11852029	SSF x LoA	-8,69760414	-0,081	0,314
CHR2	11852158	CHR2:11852158	SSF x LoA	-10,3972304	-0,063	0,298
CHR2	11854801	CHR2:11854801	SSF x LoA	-9,58911342	0,054	0,323
CHR2	11854803	CHR2:11854803	SSF x LoA	-4,57803041	0,126	0,312
CHR2	11854827	CHR2:11854827	SSF x LoA	-5,77333879	0,199	0,303
CHR2	11854845	CHR2:11854845	SSF x LoA	-11,7230643	0,025	0,298
CHR2	11854917	CHR2:11854917	SSF x LoA	-4,24490464	0,039	0,308
CHR2	11855017	CHR2:11855017	SSF x LoA	-9,1740851	-0,069	0,311
CHR2	11855031	CHR2:11855031	SSF x LoA	-11,3948739	-0,148	0,294
CHR2	11857828	CHR2:11857828	SSF x LoA	-11,0061664	0,074	0,304
CHR2	11862417	CHR2:11862417	SSF x LoA	-9,72548609	0,008	0,307
CHR2	11867427	CHR2:11867427	SSF x LoA	-9,37416135	0,046	0,304
CHR2	11867475	CHR2:11867475	SSF x LoA	-1,70454334	-0,171	0,306
CHR2	11868775	CHR2:11868775	SSF x LoA	-8,36602269	-0,085	0,314
CHR2	11880685	CHR2:11880685	SSF x LoA	-9,15078573	-0,020	0,299

CHR2	11880719	CHR2:11880719	SSF x LoA	-8,60872583	0,155	0,306
CHR2	11880774	CHR2:11880774	SSF x LoA	-7,18777964	0,121	0,302
CHR2	11880784	CHR2:11880784	SSF x LoA	-10,2843301	-0,056	0,309
CHR2	11880792	CHR2:11880792	SSF x LoA	-9,58612013	-0,087	0,311
CHR2	11883383	CHR2:11883383	SSF x LoA	-9,55890198	0,103	0,312
CHR2	11883395	CHR2:11883395	SSF x LoA	-11,2186105	0,016	0,316
CHR2	11883434	CHR2:11883434	SSF x LoA	-10,7745522	0,015	0,325
CHR2	11895002	CHR2:11895002	SSF x LoA	-9,68140382	-0,026	0,316
CHR2	11895031	CHR2:11895031	SSF x LoA	-2,77624023	-0,060	0,320
CHR2	11895142	CHR2:11895142	SSF x LoA	-8,99426458	0,092	0,298
CHR2	11895148	CHR2:11895148	SSF x LoA	-2,39133085	0,071	0,298
CHR2	1189744	CHR2:1189744	SSF x LoA	-9,8981857	0,051	0,306
CHR2	1189768	CHR2:1189768	SSF x LoA	-9,18837701	-0,011	0,324
CHR2	11901818	CHR2:11901818	SSF x LoA	-10,5862508	-0,003	0,314
CHR2	11902009	CHR2:11902009	SSF x LoA	-11,4394398	0,045	0,288
CHR2	11908794	CHR2:11908794	SSF x LoA	-9,78032125	-0,068	0,292
CHR2	11908900	CHR2:11908900	SSF x LoA	-10,5759901	0,138	0,306
CHR2	11920946	CHR2:11920946	SSF x LoA	-10,5894328	0,038	0,303
CHR2	11920948	CHR2:11920948	SSF x LoA	-9,68827879	0,080	0,309
CHR2	11920977	CHR2:11920977	SSF x LoA	-7,93139298	0,082	0,297
CHR2	11934989	CHR2:11934989	SSF x LoA	-11,1307888	0,028	0,310
CHR2	11935195	CHR2:11935195	SSF x LoA	-7,11350876	-0,045	0,307
CHR2	11935197	CHR2:11935197	SSF x LoA	-8,82684081	-0,072	0,313
CHR2	11935224	CHR2:11935224	SSF x LoA	-5,96863752	0,198	0,293
CHR2	11935226	CHR2:11935226	SSF x LoA	1,66635321	0,239	0,280
CHR2	11935243	CHR2:11935243	SSF x LoA	-11,7575274	0,019	0,309
CHR2	11937009	CHR2:11937009	SSF x LoA	-12,4552113	0,000	0,298
CHR2	11937033	CHR2:11937033	SSF x LoA	-10,6310265	-0,018	0,305
CHR2	11937112	CHR2:11937112	SSF x LoA	-3,7294111	-0,017	0,310
CHR2	11947310	CHR2:11947310	SSF x LoA	-7,23113002	-0,058	0,319
CHR2	11949249	CHR2:11949249	SSF x LoA	-8,86543752	-0,116	0,308
CHR2	11950555	CHR2:11950555	SSF x LoA	-7,15506879	-0,114	0,314
CHR2	11950591	CHR2:11950591	SSF x LoA	-11,0371453	0,042	0,303
CHR2	11955374	CHR2:11955374	SSF x LoA	-6,88697025	-0,133	0,293
CHR2	11955474	CHR2:11955474	SSF x LoA	-9,64421741	-0,059	0,295
CHR2	11955481	CHR2:11955481	SSF x LoA	-1,23272708	-0,174	0,295
CHR2	11955515	CHR2:11955515	SSF x LoA	-9,35552236	-0,026	0,306
CHR2	11970204	CHR2:11970204	SSF x LoA	-8,04343046	-0,056	0,313
CHR2	11970333	CHR2:11970333	SSF x LoA	-8,09600996	0,029	0,313
CHR2	11970343	CHR2:11970343	SSF x LoA	-11,4601128	-0,011	0,318
CHR2	11976147	CHR2:11976147	SSF x LoA	-9,0111796	-0,057	0,307
CHR2	11976177	CHR2:11976177	SSF x LoA	-9,03633315	0,053	0,315
CHR2	11976181	CHR2:11976181	SSF x LoA	-7,48141147	0,029	0,312
CHR2	11976236	CHR2:11976236	SSF x LoA	-9,90161814	-0,010	0,308
CHR2	11976237	CHR2:11976237	SSF x LoA	-8,56483521	0,076	0,323
CHR2	11976282	CHR2:11976282	SSF x LoA	-10,0082592	-0,130	0,301
CHR2	11976290	CHR2:11976290	SSF x LoA	-6,47211259	-0,050	0,312
CHR2	11976318	CHR2:11976318	SSF x LoA	-8,58696501	-0,119	0,314
CHR2	11978506	CHR2:11978506	SSF x LoA	-9,76138012	-0,056	0,298
CHR2	11980030	CHR2:11980030	SSF x LoA	-8,13747915	0,055	0,311
CHR2	11980041	CHR2:11980041	SSF x LoA	-7,60680419	-0,015	0,317
CHR2	11980075	CHR2:11980075	SSF x LoA	-8,93495567	0,047	0,313
CHR2	11987000	CHR2:11987000	SSF x LoA	-9,84549078	0,119	0,301

CHR2	11987054	CHR2:11987054	SSF x LoA	-6,81980009	0,110	0,304
CHR2	11987231	CHR2:11987231	SSF x LoA	-11,6205146	0,079	0,300
CHR2	11990256	CHR2:11990256	SSF x LoA	-7,079928	-0,188	0,303
CHR2	11990273	CHR2:11990273	SSF x LoA	-10,1358051	-0,044	0,306
CHR2	11990285	CHR2:11990285	SSF x LoA	-7,55105172	0,019	0,300
CHR2	12001611	CHR2:12001611	SSF x LoA	-9,16224685	-0,013	0,306
CHR2	12004722	CHR2:12004722	SSF x LoA	-9,13080905	-0,029	0,327
CHR2	12004804	CHR2:12004804	SSF x LoA	-5,52298215	-0,095	0,295
CHR2	12016826	CHR2:12016826	SSF x LoA	-9,69826137	0,059	0,298
CHR2	12016848	CHR2:12016848	SSF x LoA	-10,2721559	-0,165	0,310
CHR2	12016874	CHR2:12016874	SSF x LoA	-5,8133999	-0,185	0,281
CHR2	12017001	CHR2:12017001	SSF x LoA	-10,6512447	-0,056	0,306
CHR2	12017006	CHR2:12017006	SSF x LoA	-10,4249659	-0,043	0,301
CHR2	12017007	CHR2:12017007	SSF x LoA	-10,1162641	-0,033	0,309
CHR2	12021695	CHR2:12021695	SSF x LoA	-9,22557257	-0,054	0,307
CHR2	12022097	CHR2:12022097	SSF x LoA	-3,26797836	-0,077	0,305
CHR2	12022117	CHR2:12022117	SSF x LoA	-10,2018066	-0,145	0,306
CHR2	12022120	CHR2:12022120	SSF x LoA	-8,67807096	-0,117	0,292
CHR2	12024649	CHR2:12024649	SSF x LoA	-10,5557718	0,013	0,304
CHR2	12032052	CHR2:12032052	SSF x LoA	-8,99346259	-0,005	0,306
CHR2	12032096	CHR2:12032096	SSF x LoA	-11,2113676	0,044	0,298
CHR2	12032131	CHR2:12032131	SSF x LoA	-10,6593357	0,076	0,303
CHR2	12032149	CHR2:12032149	SSF x LoA	-9,4227815	0,035	0,297
CHR2	12032209	CHR2:12032209	SSF x LoA	-10,9370562	-0,035	0,306
CHR2	12032259	CHR2:12032259	SSF x LoA	-9,46316319	0,083	0,318
CHR2	12032286	CHR2:12032286	SSF x LoA	-8,37452443	0,039	0,307
CHR2	12044093	CHR2:12044093	SSF x LoA	-11,5642776	0,105	0,309
CHR2	12044130	CHR2:12044130	SSF x LoA	-11,1632185	-0,067	0,299
CHR2	12044150	CHR2:12044150	SSF x LoA	-8,42770389	-0,083	0,301
CHR2	12044158	CHR2:12044158	SSF x LoA	-11,743165	-0,041	0,303
CHR2	12044226	CHR2:12044226	SSF x LoA	-5,99931869	-0,004	0,314
CHR2	12046130	CHR2:12046130	SSF x LoA	-8,00116208	0,140	0,303
CHR2	12046247	CHR2:12046247	SSF x LoA	-7,97169075	0,088	0,296
CHR2	12046260	CHR2:12046260	SSF x LoA	-6,81704906	-0,080	0,301
CHR2	12046268	CHR2:12046268	SSF x LoA	-11,318033	-0,013	0,303
CHR2	12046277	CHR2:12046277	SSF x LoA	-8,72117438	0,026	0,313
CHR2	12049520	CHR2:12049520	SSF x LoA	-9,82813846	-0,095	0,309
CHR2	12049586	CHR2:12049586	SSF x LoA	-4,97940806	-0,090	0,299
CHR2	12049588	CHR2:12049588	SSF x LoA	-10,6780445	-0,096	0,307
CHR2	12049683	CHR2:12049683	SSF x LoA	-11,1642946	-0,006	0,305
CHR2	12049814	CHR2:12049814	SSF x LoA	-10,893806	-0,008	0,305
CHR2	12049844	CHR2:12049844	SSF x LoA	-6,0664286	0,077	0,298
CHR2	12055192	CHR2:12055192	SSF x LoA	-10,6485049	-0,041	0,301
CHR2	12055384	CHR2:12055384	SSF x LoA	-10,3964899	0,108	0,294
CHR2	12055483	CHR2:12055483	SSF x LoA	-9,09503202	-0,007	0,309
CHR2	12055487	CHR2:12055487	SSF x LoA	-9,09261444	-0,062	0,309
CHR2	12061676	CHR2:12061676	SSF x LoA	-10,1627794	-0,051	0,301
CHR2	12061677	CHR2:12061677	SSF x LoA	-10,5874669	-0,020	0,292
CHR2	12061691	CHR2:12061691	SSF x LoA	-9,33359019	-0,037	0,296
CHR2	12061834	CHR2:12061834	SSF x LoA	-11,327846	0,068	0,318
CHR2	12061861	CHR2:12061861	SSF x LoA	-11,9417618	-0,019	0,303
CHR2	12070308	CHR2:12070308	SSF x LoA	-8,85937918	0,020	0,313
CHR2	12070370	CHR2:12070370	SSF x LoA	-10,2299122	0,051	0,316

CHR2	12070392	CHR2:12070392	SSF x LoA	-7,09749416	0,102	0,317
CHR2	12070458	CHR2:12070458	SSF x LoA	-7,7311432	-0,099	0,299
CHR2	12070461	CHR2:12070461	SSF x LoA	0,00019211	-0,221	0,302
CHR2	12070465	CHR2:12070465	SSF x LoA	-7,67282276	-0,175	0,304
CHR2	12070517	CHR2:12070517	SSF x LoA	-10,6306167	0,001	0,301
CHR2	12070518	CHR2:12070518	SSF x LoA	-9,12855876	0,009	0,314
CHR2	12070523	CHR2:12070523	SSF x LoA	-8,97845974	-0,116	0,303
CHR2	12070558	CHR2:12070558	SSF x LoA	-11,8034585	-0,030	0,291
CHR2	12070577	CHR2:12070577	SSF x LoA	-8,76580807	-0,063	0,302
CHR2	12073151	CHR2:12073151	SSF x LoA	-9,13751713	0,099	0,305
CHR2	12081573	CHR2:12081573	SSF x LoA	-8,58959211	0,089	0,299
CHR2	12082950	CHR2:12082950	SSF x LoA	-8,76553211	0,094	0,314
CHR2	12087487	CHR2:12087487	SSF x LoA	-10,1475512	0,037	0,308
CHR2	12087535	CHR2:12087535	SSF x LoA	-10,8967274	0,046	0,302
CHR2	12087568	CHR2:12087568	SSF x LoA	-9,76535499	0,113	0,303
CHR2	12087707	CHR2:12087707	SSF x LoA	-9,94460089	0,095	0,304
CHR2	12094389	CHR2:12094389	SSF x LoA	-7,14051641	-0,018	0,304
CHR2	12094392	CHR2:12094392	SSF x LoA	-10,0067541	0,007	0,316
CHR2	12094442	CHR2:12094442	SSF x LoA	-10,2922777	-0,037	0,306
CHR2	12094467	CHR2:12094467	SSF x LoA	-10,1759278	-0,011	0,327
CHR2	12097839	CHR2:12097839	SSF x LoA	-8,13792785	-0,053	0,301
CHR2	12100966	CHR2:12100966	SSF x LoA	-6,58170609	0,099	0,328
CHR2	12100971	CHR2:12100971	SSF x LoA	-0,73177768	-0,111	0,303
CHR2	12101297	CHR2:12101297	SSF x LoA	-8,87065605	0,028	0,313
CHR2	12105046	CHR2:12105046	SSF x LoA	-8,12853864	0,086	0,307
CHR2	12105048	CHR2:12105048	SSF x LoA	-10,6509883	0,017	0,307
CHR2	12108567	CHR2:12108567	SSF x LoA	-9,16648307	-0,064	0,315
CHR2	12119563	CHR2:12119563	SSF x LoA	-10,8814434	0,078	0,311
CHR2	12119564	CHR2:12119564	SSF x LoA	-11,4892454	0,057	0,311
CHR2	12119566	CHR2:12119566	SSF x LoA	-12,426879	0,050	0,293
CHR2	12119644	CHR2:12119644	SSF x LoA	-7,46526165	0,031	0,314
CHR2	12121459	CHR2:12121459	SSF x LoA	-9,33823464	0,058	0,301
CHR2	12121477	CHR2:12121477	SSF x LoA	-10,118086	0,099	0,308
CHR2	12121488	CHR2:12121488	SSF x LoA	-9,44301536	0,092	0,279
CHR2	12121512	CHR2:12121512	SSF x LoA	-9,28810166	-0,024	0,299
CHR2	12121514	CHR2:12121514	SSF x LoA	-8,50547358	-0,036	0,313
CHR2	12121517	CHR2:12121517	SSF x LoA	-10,0889056	0,006	0,292
CHR2	12121530	CHR2:12121530	SSF x LoA	-8,96689268	0,013	0,309
CHR2	12121546	CHR2:12121546	SSF x LoA	-8,70342749	0,064	0,298
CHR2	12121556	CHR2:12121556	SSF x LoA	-9,70410843	0,083	0,307
CHR2	12121559	CHR2:12121559	SSF x LoA	-7,43987051	0,048	0,308
CHR2	12121567	CHR2:12121567	SSF x LoA	-8,13453156	0,049	0,308
CHR2	12121573	CHR2:12121573	SSF x LoA	-10,0738882	0,032	0,305
CHR2	12121576	CHR2:12121576	SSF x LoA	-9,1106469	0,015	0,311
CHR2	12138252	CHR2:12138252	SSF x LoA	-8,55107334	-0,110	0,313
CHR2	12138257	CHR2:12138257	SSF x LoA	-7,49716003	0,053	0,316
CHR2	12138271	CHR2:12138271	SSF x LoA	-5,59713147	0,057	0,304
CHR2	12138281	CHR2:12138281	SSF x LoA	-10,5685576	0,010	0,295
CHR2	12138318	CHR2:12138318	SSF x LoA	-8,97358364	0,028	0,306
CHR2	12138337	CHR2:12138337	SSF x LoA	-5,97211831	-0,025	0,311
CHR2	12138357	CHR2:12138357	SSF x LoA	-9,54688699	-0,027	0,315
CHR2	12138366	CHR2:12138366	SSF x LoA	-1,67788635	0,090	0,305
CHR2	12138370	CHR2:12138370	SSF x LoA	-8,41760556	0,117	0,304

CHR2	12138375	CHR2:12138375	SSF x LoA	-9,58318041	-0,094	0,299
CHR2	12149924	CHR2:12149924	SSF x LoA	-8,24013067	0,150	0,297
CHR2	12149999	CHR2:12149999	SSF x LoA	-5,58957566	-0,256	0,295
CHR2	12155831	CHR2:12155831	SSF x LoA	-10,3948719	0,092	0,305
CHR2	12155953	CHR2:12155953	SSF x LoA	-10,0253919	-0,102	0,310
CHR2	12155994	CHR2:12155994	SSF x LoA	-10,2761781	0,012	0,287
CHR2	12156005	CHR2:12156005	SSF x LoA	-9,74265978	0,036	0,293
CHR2	12170231	CHR2:12170231	SSF x LoA	-10,4517742	0,025	0,304
CHR2	12170352	CHR2:12170352	SSF x LoA	-8,79373311	0,033	0,298
CHR2	12170366	CHR2:12170366	SSF x LoA	-10,0392002	-0,059	0,298
CHR2	12170456	CHR2:12170456	SSF x LoA	-11,9021621	-0,011	0,302
CHR2	12171808	CHR2:12171808	SSF x LoA	-9,76029186	0,048	0,282
CHR2	12171866	CHR2:12171866	SSF x LoA	-12,0993898	0,007	0,303
CHR2	12177294	CHR2:12177294	SSF x LoA	-8,90010951	0,009	0,322
CHR2	12177310	CHR2:12177310	SSF x LoA	-7,7886866	-0,030	0,307
CHR2	12179731	CHR2:12179731	SSF x LoA	-8,4848329	-0,028	0,316
CHR2	12179770	CHR2:12179770	SSF x LoA	-7,13809766	-0,108	0,316
CHR2	12179863	CHR2:12179863	SSF x LoA	-7,83543839	0,072	0,311
CHR2	12184448	CHR2:12184448	SSF x LoA	-10,7213796	-0,120	0,292
CHR2	12184574	CHR2:12184574	SSF x LoA	-9,14518884	0,012	0,308
CHR2	12184577	CHR2:12184577	SSF x LoA	-9,04657543	0,009	0,312
CHR2	12184596	CHR2:12184596	SSF x LoA	-9,94623691	-0,017	0,307
CHR2	12184597	CHR2:12184597	SSF x LoA	-10,2633399	-0,025	0,309
CHR2	12184598	CHR2:12184598	SSF x LoA	-9,74752462	-0,016	0,306
CHR2	12184611	CHR2:12184611	SSF x LoA	-9,15443573	0,031	0,311
CHR2	12184651	CHR2:12184651	SSF x LoA	-8,29508298	-0,001	0,322
CHR2	12184653	CHR2:12184653	SSF x LoA	-10,7823243	0,034	0,331
CHR2	12191395	CHR2:12191395	SSF x LoA	-10,7219092	-0,038	0,291
CHR2	12191505	CHR2:12191505	SSF x LoA	-11,9399666	0,086	0,313
CHR2	12191543	CHR2:12191543	SSF x LoA	-9,90668204	0,064	0,291
CHR2	12192473	CHR2:12192473	SSF x LoA	-8,96516213	0,086	0,301
CHR2	12210212	CHR2:12210212	SSF x LoA	-8,35106818	0,000	0,304
CHR2	12212151	CHR2:12212151	SSF x LoA	-9,28277875	0,013	0,302
CHR2	12212157	CHR2:12212157	SSF x LoA	-9,44374094	0,072	0,298
CHR2	12212166	CHR2:12212166	SSF x LoA	-10,325659	0,130	0,314
CHR2	12212264	CHR2:12212264	SSF x LoA	-8,76188484	-0,013	0,293
CHR2	12212395	CHR2:12212395	SSF x LoA	-11,0219527	0,067	0,293
CHR2	12224012	CHR2:12224012	SSF x LoA	-10,8552306	0,006	0,317
CHR2	12224175	CHR2:12224175	SSF x LoA	-6,38240382	-0,123	0,308
CHR2	12224205	CHR2:12224205	SSF x LoA	-6,58122424	0,149	0,306
CHR2	12230878	CHR2:12230878	SSF x LoA	-9,42227206	0,178	0,291
CHR2	12233994	CHR2:12233994	SSF x LoA	-8,64555395	0,190	0,297
CHR2	12234033	CHR2:12234033	SSF x LoA	-9,35117384	-0,032	0,288
CHR2	12234039	CHR2:12234039	SSF x LoA	-9,15951016	-0,006	0,305
CHR2	12234117	CHR2:12234117	SSF x LoA	-9,58786347	-0,010	0,293
CHR2	12235665	CHR2:12235665	SSF x LoA	-8,88234633	-0,029	0,297
CHR2	12235674	CHR2:12235674	SSF x LoA	-9,57665253	-0,050	0,301
CHR2	12236475	CHR2:12236475	SSF x LoA	-11,5715125	0,035	0,297
CHR2	12238451	CHR2:12238451	SSF x LoA	-10,4518332	0,030	0,313
CHR2	12238471	CHR2:12238471	SSF x LoA	-9,93524405	0,030	0,307
CHR2	12238472	CHR2:12238472	SSF x LoA	-8,47700509	0,101	0,323
CHR2	12238529	CHR2:12238529	SSF x LoA	-10,0766895	0,005	0,296
CHR2	12238569	CHR2:12238569	SSF x LoA	-10,2162825	-0,051	0,320

CHR2	12238590	CHR2:12238590	SSF x LoA	-5,73539609	-0,050	0,304
CHR2	12238601	CHR2:12238601	SSF x LoA	-8,60014008	-0,064	0,311
CHR2	12246200	CHR2:12246200	SSF x LoA	-9,01645401	0,109	0,298
CHR2	12246365	CHR2:12246365	SSF x LoA	-8,09096593	0,068	0,304
CHR2	12246464	CHR2:12246464	SSF x LoA	-7,36621449	0,168	0,308
CHR2	12248526	CHR2:12248526	SSF x LoA	-5,6748823	0,056	0,308
CHR2	12255939	CHR2:12255939	SSF x LoA	-10,1286956	0,034	0,315
CHR2	12272046	CHR2:12272046	SSF x LoA	-11,699314	0,001	0,318
CHR2	12272144	CHR2:12272144	SSF x LoA	-7,88096911	0,043	0,309
CHR2	12280725	CHR2:12280725	SSF x LoA	-10,8417844	0,093	0,310
CHR2	12298884	CHR2:12298884	SSF x LoA	-3,98207781	-0,142	0,300
CHR2	12315328	CHR2:12315328	SSF x LoA	-10,8910473	0,078	0,307
CHR2	12320337	CHR2:12320337	SSF x LoA	-5,94208658	0,188	0,288
CHR2	12320352	CHR2:12320352	SSF x LoA	-9,59051355	0,002	0,315
CHR2	12320353	CHR2:12320353	SSF x LoA	-11,8166934	0,017	0,300
CHR2	12320381	CHR2:12320381	SSF x LoA	-9,51993514	-0,035	0,310
CHR2	12320416	CHR2:12320416	SSF x LoA	-9,28835576	-0,018	0,302
CHR2	12330056	CHR2:12330056	SSF x LoA	-8,93366201	-0,086	0,309
CHR2	12338149	CHR2:12338149	SSF x LoA	-8,79528032	-0,068	0,314
CHR2	12338203	CHR2:12338203	SSF x LoA	-9,96179958	-0,030	0,302
CHR2	12338277	CHR2:12338277	SSF x LoA	-9,21714715	-0,088	0,306
CHR2	12344915	CHR2:12344915	SSF x LoA	-9,16162374	-0,060	0,310
CHR2	12348032	CHR2:12348032	SSF x LoA	-8,1293377	-0,077	0,306
CHR2	12348035	CHR2:12348035	SSF x LoA	-8,51927861	-0,072	0,292
CHR2	12348047	CHR2:12348047	SSF x LoA	-10,0211008	0,046	0,310
CHR2	12348092	CHR2:12348092	SSF x LoA	-10,0892886	0,034	0,308
CHR2	12348107	CHR2:12348107	SSF x LoA	-7,72709919	-0,014	0,306
CHR2	12348108	CHR2:12348108	SSF x LoA	-10,4117054	0,070	0,290
CHR2	12348145	CHR2:12348145	SSF x LoA	-9,9931105	-0,101	0,309
CHR2	12348966	CHR2:12348966	SSF x LoA	-2,0103452	0,252	0,286
CHR2	12350720	CHR2:12350720	SSF x LoA	-11,2132643	0,075	0,315
CHR2	12350878	CHR2:12350878	SSF x LoA	-12,1787724	0,038	0,307
CHR2	12357842	CHR2:12357842	SSF x LoA	-8,54071887	-0,109	0,302
CHR2	12357851	CHR2:12357851	SSF x LoA	-9,79663019	-0,162	0,299
CHR2	12357876	CHR2:12357876	SSF x LoA	-11,4548329	0,028	0,315
CHR2	12357890	CHR2:12357890	SSF x LoA	-9,40964058	0,047	0,299
CHR2	12359925	CHR2:12359925	SSF x LoA	-8,74155947	-0,059	0,306
CHR2	12359944	CHR2:12359944	SSF x LoA	-7,48093708	0,143	0,303
CHR2	12359980	CHR2:12359980	SSF x LoA	-10,8094586	-0,035	0,319
CHR2	12359991	CHR2:12359991	SSF x LoA	-9,92246533	-0,034	0,316
CHR2	12360044	CHR2:12360044	SSF x LoA	-10,1494964	-0,038	0,298
CHR2	12360061	CHR2:12360061	SSF x LoA	-10,1122282	-0,030	0,284
CHR2	12360064	CHR2:12360064	SSF x LoA	-9,16300809	0,000	0,302
CHR2	12360124	CHR2:12360124	SSF x LoA	-10,2924802	-0,121	0,287
CHR2	12360132	CHR2:12360132	SSF x LoA	-7,97080455	-0,105	0,307
CHR2	12366189	CHR2:12366189	SSF x LoA	-8,88542009	0,005	0,309
CHR2	12366217	CHR2:12366217	SSF x LoA	-7,23655761	0,107	0,298
CHR2	12366241	CHR2:12366241	SSF x LoA	-10,3713908	-0,046	0,311
CHR2	12366412	CHR2:12366412	SSF x LoA	-10,9117369	-0,019	0,301
CHR2	12366448	CHR2:12366448	SSF x LoA	-10,4058952	0,024	0,304
CHR2	12368438	CHR2:12368438	SSF x LoA	-10,3738828	0,010	0,314
CHR2	12368474	CHR2:12368474	SSF x LoA	-7,84189241	0,112	0,304
CHR2	1237180	CHR2:1237180	SSF x LoA	-10,2602992	0,108	0,295

CHR2	1237187	CHR2:1237187	SSF x LoA	-8,63898723	-0,072	0,302
CHR2	1237194	CHR2:1237194	SSF x LoA	-9,99554496	0,087	0,300
CHR2	1237202	CHR2:1237202	SSF x LoA	-10,3829079	0,096	0,299
CHR2	1237245	CHR2:1237245	SSF x LoA	-11,1913291	-0,039	0,300
CHR2	1237322	CHR2:1237322	SSF x LoA	-9,74963731	-0,017	0,302
CHR2	1237348	CHR2:1237348	SSF x LoA	-8,74563133	-0,082	0,319
CHR2	1237365	CHR2:1237365	SSF x LoA	-10,417989	0,078	0,303
CHR2	1237393	CHR2:1237393	SSF x LoA	-7,74114579	0,054	0,314
CHR2	12374136	CHR2:12374136	SSF x LoA	-12,1801184	0,007	0,295
CHR2	1237415	CHR2:1237415	SSF x LoA	-7,88086439	0,147	0,303
CHR2	12374190	CHR2:12374190	SSF x LoA	-8,77910946	-0,118	0,317
CHR2	12374192	CHR2:12374192	SSF x LoA	-9,09538592	0,063	0,304
CHR2	12374201	CHR2:12374201	SSF x LoA	-9,16695061	-0,009	0,313
CHR2	12374205	CHR2:12374205	SSF x LoA	-8,08575825	-0,038	0,317
CHR2	12374241	CHR2:12374241	SSF x LoA	-7,21119785	-0,035	0,309
CHR2	1237435	CHR2:1237435	SSF x LoA	-7,8708625	-0,021	0,325
CHR2	12374436	CHR2:12374436	SSF x LoA	-8,73331913	0,141	0,296
CHR2	12374519	CHR2:12374519	SSF x LoA	-6,14598538	0,128	0,296
CHR2	12374549	CHR2:12374549	SSF x LoA	-10,3563609	0,028	0,309
CHR2	1237516	CHR2:1237516	SSF x LoA	-10,6815544	-0,015	0,309
CHR2	12375931	CHR2:12375931	SSF x LoA	-8,76749778	-0,061	0,298
CHR2	12376079	CHR2:12376079	SSF x LoA	-10,9278439	0,065	0,305
CHR2	12376082	CHR2:12376082	SSF x LoA	-10,9172719	0,058	0,305
CHR2	12376094	CHR2:12376094	SSF x LoA	-9,89813809	0,059	0,301
CHR2	12376095	CHR2:12376095	SSF x LoA	-11,6552882	0,064	0,297
CHR2	12376107	CHR2:12376107	SSF x LoA	-9,67786855	0,028	0,317
CHR2	12376109	CHR2:12376109	SSF x LoA	-9,31517051	0,057	0,310
CHR2	12396531	CHR2:12396531	SSF x LoA	-9,30157879	-0,148	0,294
CHR2	12396622	CHR2:12396622	SSF x LoA	-8,41945755	-0,113	0,303
CHR2	12418457	CHR2:12418457	SSF x LoA	-8,21664803	0,049	0,295
CHR2	12418459	CHR2:12418459	SSF x LoA	-2,99259429	-0,118	0,297
CHR2	12418564	CHR2:12418564	SSF x LoA	-7,44320038	-0,240	0,275
CHR2	12420772	CHR2:12420772	SSF x LoA	-9,09987902	-0,066	0,297
CHR2	12420777	CHR2:12420777	SSF x LoA	-9,55937659	0,046	0,300
CHR2	12420779	CHR2:12420779	SSF x LoA	-9,45803491	0,032	0,308
CHR2	12420817	CHR2:12420817	SSF x LoA	-10,129869	0,043	0,303
CHR2	12420831	CHR2:12420831	SSF x LoA	-10,134583	0,044	0,296
CHR2	12420833	CHR2:12420833	SSF x LoA	-9,22414439	0,047	0,316
CHR2	12420850	CHR2:12420850	SSF x LoA	-9,35748108	0,055	0,307
CHR2	12422152	CHR2:12422152	SSF x LoA	-8,1892671	-0,033	0,307
CHR2	12422156	CHR2:12422156	SSF x LoA	-8,34873639	-0,052	0,308
CHR2	12422170	CHR2:12422170	SSF x LoA	-8,7345161	0,086	0,310
CHR2	12422245	CHR2:12422245	SSF x LoA	-8,10919705	0,063	0,314
CHR2	12428015	CHR2:12428015	SSF x LoA	-9,94707847	0,125	0,309
CHR2	12428025	CHR2:12428025	SSF x LoA	-10,8003112	0,112	0,317
CHR2	12428056	CHR2:12428056	SSF x LoA	-7,24003833	-0,113	0,295
CHR2	12428060	CHR2:12428060	SSF x LoA	-9,66934802	-0,039	0,319
CHR2	12429371	CHR2:12429371	SSF x LoA	-8,53484938	-0,173	0,291
CHR2	12429403	CHR2:12429403	SSF x LoA	-11,8292592	-0,039	0,315
CHR2	12429424	CHR2:12429424	SSF x LoA	-9,06923239	-0,143	0,308
CHR2	12429444	CHR2:12429444	SSF x LoA	-8,30720537	-0,050	0,302
CHR2	12429450	CHR2:12429450	SSF x LoA	-7,36568751	-0,045	0,290
CHR2	12429453	CHR2:12429453	SSF x LoA	-8,52934695	-0,065	0,297

CHR2	12436976	CHR2:12436976	SSF x LoA	-8,67212952	0,094	0,306
CHR2	12446043	CHR2:12446043	SSF x LoA	-9,92409502	0,055	0,305
CHR2	12446065	CHR2:12446065	SSF x LoA	-8,52407963	0,028	0,298
CHR2	12446121	CHR2:12446121	SSF x LoA	-10,8453169	0,098	0,309
CHR2	12446122	CHR2:12446122	SSF x LoA	-9,82822038	0,053	0,317
CHR2	12452239	CHR2:12452239	SSF x LoA	-8,90654061	-0,162	0,300
CHR2	12452284	CHR2:12452284	SSF x LoA	-5,16673424	-0,029	0,312
CHR2	12452333	CHR2:12452333	SSF x LoA	-8,39555245	-0,045	0,302
CHR2	12456793	CHR2:12456793	SSF x LoA	6,25363256	-0,212	0,295
CHR2	12456823	CHR2:12456823	SSF x LoA	-9,22896634	-0,188	0,299
CHR2	12456825	CHR2:12456825	SSF x LoA	-10,4133403	0,073	0,316
CHR2	12456850	CHR2:12456850	SSF x LoA	-9,70111179	0,097	0,323
CHR2	12456896	CHR2:12456896	SSF x LoA	-10,327014	0,002	0,309
CHR2	12456916	CHR2:12456916	SSF x LoA	-8,77605022	-0,059	0,315
CHR2	12463284	CHR2:12463284	SSF x LoA	-8,55333293	-0,094	0,305
CHR2	12463296	CHR2:12463296	SSF x LoA	-8,0589134	-0,066	0,301
CHR2	12463425	CHR2:12463425	SSF x LoA	-11,548893	0,049	0,309
CHR2	12463456	CHR2:12463456	SSF x LoA	-10,5087752	0,000	0,315
CHR2	12469017	CHR2:12469017	SSF x LoA	-10,5953624	0,004	0,312
CHR2	12469027	CHR2:12469027	SSF x LoA	-11,1403076	0,065	0,306
CHR2	12469043	CHR2:12469043	SSF x LoA	-9,20273814	-0,081	0,310
CHR2	12469055	CHR2:12469055	SSF x LoA	-8,23827916	-0,013	0,307
CHR2	12469063	CHR2:12469063	SSF x LoA	-10,2727481	-0,031	0,310
CHR2	12469109	CHR2:12469109	SSF x LoA	-10,5460413	0,032	0,299
CHR2	12469231	CHR2:12469231	SSF x LoA	-12,5384842	-0,041	0,297
CHR2	12469283	CHR2:12469283	SSF x LoA	-10,0524611	0,062	0,293
CHR2	12485998	CHR2:12485998	SSF x LoA	-9,16898932	0,071	0,308
CHR2	1250111	CHR2:1250111	SSF x LoA	-8,8777176	-0,065	0,300
CHR2	12502683	CHR2:12502683	SSF x LoA	-10,6003696	0,100	0,291
CHR2	1250269	CHR2:1250269	SSF x LoA	-8,32026628	0,121	0,301
CHR2	1250329	CHR2:1250329	SSF x LoA	-8,89467908	-0,063	0,307
CHR2	12518802	CHR2:12518802	SSF x LoA	-11,860898	0,004	0,309
CHR2	12519138	CHR2:12519138	SSF x LoA	-9,76124806	-0,037	0,293
CHR2	12542722	CHR2:12542722	SSF x LoA	-7,54542026	0,013	0,317
CHR2	12542812	CHR2:12542812	SSF x LoA	-7,72885961	-0,110	0,308
CHR2	12544897	CHR2:12544897	SSF x LoA	-8,05568288	0,119	0,304
CHR2	12544961	CHR2:12544961	SSF x LoA	-11,084274	-0,044	0,312
CHR2	12545005	CHR2:12545005	SSF x LoA	-9,80559572	0,005	0,314
CHR2	12545470	CHR2:12545470	SSF x LoA	-6,90903766	0,129	0,319
CHR2	12547855	CHR2:12547855	SSF x LoA	-7,24854953	0,076	0,314
CHR2	12548189	CHR2:12548189	SSF x LoA	-10,6547259	-0,045	0,311
CHR2	12548247	CHR2:12548247	SSF x LoA	-8,17271064	0,038	0,309
CHR2	12577690	CHR2:12577690	SSF x LoA	-10,7846991	-0,038	0,301
CHR2	12577709	CHR2:12577709	SSF x LoA	-10,9286037	-0,068	0,312
CHR2	12577710	CHR2:12577710	SSF x LoA	-9,79787719	0,110	0,305
CHR2	12577735	CHR2:12577735	SSF x LoA	-10,3043836	0,035	0,309
CHR2	1258016	CHR2:1258016	SSF x LoA	-8,2041485	-0,050	0,298
CHR2	12580257	CHR2:12580257	SSF x LoA	-7,86954174	0,067	0,297
CHR2	12581258	CHR2:12581258	SSF x LoA	-6,79299297	-0,098	0,301
CHR2	12581260	CHR2:12581260	SSF x LoA	-9,5346533	-0,096	0,304
CHR2	12581327	CHR2:12581327	SSF x LoA	-9,82441474	0,054	0,309
CHR2	12581388	CHR2:12581388	SSF x LoA	-3,61273945	0,085	0,300
CHR2	12588280	CHR2:12588280	SSF x LoA	-10,574518	0,098	0,303

CHR2	12588333	CHR2:12588333	SSF x LoA	-8,19589012	-0,059	0,303
CHR2	12588397	CHR2:12588397	SSF x LoA	-10,5057495	-0,084	0,302
CHR2	12588399	CHR2:12588399	SSF x LoA	-9,13175465	0,023	0,311
CHR2	12596545	CHR2:12596545	SSF x LoA	-6,14373476	0,072	0,307
CHR2	12596599	CHR2:12596599	SSF x LoA	-9,16350653	0,043	0,318
CHR2	12596670	CHR2:12596670	SSF x LoA	-7,30595028	0,015	0,319
CHR2	1260213	CHR2:1260213	SSF x LoA	-11,3042209	0,009	0,309
CHR2	12602226	CHR2:12602226	SSF x LoA	-8,55235488	0,085	0,313
CHR2	12602428	CHR2:12602428	SSF x LoA	-6,1006463	0,149	0,289
CHR2	12602456	CHR2:12602456	SSF x LoA	-7,89557193	0,005	0,310
CHR2	12602543	CHR2:12602543	SSF x LoA	-9,1482544	0,050	0,304
CHR2	1260283	CHR2:1260283	SSF x LoA	-6,51819197	-0,128	0,302
CHR2	1260310	CHR2:1260310	SSF x LoA	-8,56189947	-0,029	0,304
CHR2	1260319	CHR2:1260319	SSF x LoA	-4,33194168	0,097	0,313
CHR2	1260327	CHR2:1260327	SSF x LoA	-8,67092982	0,016	0,302
CHR2	1260331	CHR2:1260331	SSF x LoA	-11,0180953	0,016	0,295
CHR2	12644091	CHR2:12644091	SSF x LoA	-4,07406656	0,047	0,326
CHR2	12644169	CHR2:12644169	SSF x LoA	-5,48350574	0,029	0,299
CHR2	12644172	CHR2:12644172	SSF x LoA	-10,4800462	-0,017	0,308
CHR2	12644180	CHR2:12644180	SSF x LoA	-8,08160501	0,103	0,302
CHR2	12644191	CHR2:12644191	SSF x LoA	-10,228815	0,002	0,317
CHR2	12644211	CHR2:12644211	SSF x LoA	-8,66342458	-0,001	0,314
CHR2	12652012	CHR2:12652012	SSF x LoA	-8,93312668	0,048	0,315
CHR2	12652135	CHR2:12652135	SSF x LoA	-12,3948517	-0,005	0,296
CHR2	12654240	CHR2:12654240	SSF x LoA	-11,1987994	0,073	0,307
CHR2	12657577	CHR2:12657577	SSF x LoA	-6,95350773	-0,081	0,293
CHR2	12657581	CHR2:12657581	SSF x LoA	-10,9043936	-0,074	0,300
CHR2	12657583	CHR2:12657583	SSF x LoA	-8,90265873	0,046	0,300
CHR2	12679005	CHR2:12679005	SSF x LoA	-11,7762533	0,006	0,313
CHR2	12679025	CHR2:12679025	SSF x LoA	-8,00523085	0,043	0,303
CHR2	12679032	CHR2:12679032	SSF x LoA	-8,52071631	0,058	0,310
CHR2	12679036	CHR2:12679036	SSF x LoA	-8,5012202	0,043	0,306
CHR2	12679042	CHR2:12679042	SSF x LoA	-8,18068534	0,043	0,315
CHR2	12679049	CHR2:12679049	SSF x LoA	-12,8851592	0,044	0,296
CHR2	12679056	CHR2:12679056	SSF x LoA	-9,57526976	0,004	0,303
CHR2	12679151	CHR2:12679151	SSF x LoA	-11,2839244	0,004	0,312
CHR2	12679170	CHR2:12679170	SSF x LoA	-10,2020199	0,014	0,319
CHR2	12679175	CHR2:12679175	SSF x LoA	-5,34550691	0,148	0,308
CHR2	12679191	CHR2:12679191	SSF x LoA	-10,1228299	-0,018	0,299
CHR2	12679200	CHR2:12679200	SSF x LoA	-4,60680905	0,152	0,294
CHR2	12679204	CHR2:12679204	SSF x LoA	-10,8184882	0,011	0,302
CHR2	12679206	CHR2:12679206	SSF x LoA	-8,9244685	0,072	0,312
CHR2	12679207	CHR2:12679207	SSF x LoA	-7,4560912	0,140	0,297
CHR2	12694500	CHR2:12694500	SSF x LoA	-5,77908782	0,167	0,299
CHR2	12694517	CHR2:12694517	SSF x LoA	-9,56285918	0,043	0,312
CHR2	12694526	CHR2:12694526	SSF x LoA	-9,57920699	0,059	0,319
CHR2	12694528	CHR2:12694528	SSF x LoA	-6,67324486	0,126	0,300
CHR2	12694530	CHR2:12694530	SSF x LoA	-10,1477345	0,167	0,292
CHR2	12694548	CHR2:12694548	SSF x LoA	-10,3631931	0,068	0,299
CHR2	12694599	CHR2:12694599	SSF x LoA	-9,02051703	0,141	0,292
CHR2	12694903	CHR2:12694903	SSF x LoA	-8,75674652	0,128	0,303
CHR2	12694952	CHR2:12694952	SSF x LoA	-12,0825629	-0,018	0,317
CHR2	12694975	CHR2:12694975	SSF x LoA	-10,704932	0,033	0,305

CHR2	12701943	CHR2:12701943	SSF x LoA	-8,92323321	-0,086	0,319
CHR2	12701971	CHR2:12701971	SSF x LoA	-10,3712854	-0,081	0,303
CHR2	12701985	CHR2:12701985	SSF x LoA	-10,9319561	0,061	0,305
CHR2	12701987	CHR2:12701987	SSF x LoA	-12,0699577	0,027	0,291
CHR2	12702009	CHR2:12702009	SSF x LoA	-10,1198796	-0,077	0,307
CHR2	12702201	CHR2:12702201	SSF x LoA	-9,88579666	-0,080	0,300
CHR2	12702203	CHR2:12702203	SSF x LoA	-12,0074753	0,036	0,290
CHR2	12702243	CHR2:12702243	SSF x LoA	-8,76583643	-0,037	0,307
CHR2	12704044	CHR2:12704044	SSF x LoA	-10,3734085	0,026	0,306
CHR2	12704071	CHR2:12704071	SSF x LoA	-9,12910407	-0,053	0,306
CHR2	12704209	CHR2:12704209	SSF x LoA	-10,1063277	-0,033	0,309
CHR2	12704210	CHR2:12704210	SSF x LoA	-9,80712485	-0,015	0,309
CHR2	12704242	CHR2:12704242	SSF x LoA	-9,52968849	-0,034	0,287
CHR2	12707041	CHR2:12707041	SSF x LoA	-9,59480987	-0,074	0,308
CHR2	12707263	CHR2:12707263	SSF x LoA	-11,2036447	-0,019	0,301
CHR2	12708502	CHR2:12708502	SSF x LoA	-7,75725578	0,014	0,315
CHR2	12718288	CHR2:12718288	SSF x LoA	-9,25789133	0,140	0,303
CHR2	12722728	CHR2:12722728	SSF x LoA	-10,3167099	0,061	0,305
CHR2	12722773	CHR2:12722773	SSF x LoA	-9,58337088	0,024	0,311
CHR2	12722775	CHR2:12722775	SSF x LoA	-9,37241621	-0,069	0,295
CHR2	12722788	CHR2:12722788	SSF x LoA	-7,61518724	0,208	0,285
CHR2	12722844	CHR2:12722844	SSF x LoA	-9,55135046	0,061	0,302
CHR2	12723016	CHR2:12723016	SSF x LoA	-8,55459392	0,030	0,299
CHR2	12723025	CHR2:12723025	SSF x LoA	-8,17734539	0,026	0,305
CHR2	12723079	CHR2:12723079	SSF x LoA	-9,2524757	-0,007	0,311
CHR2	1272379	CHR2:1272379	SSF x LoA	-8,44299842	-0,007	0,311
CHR2	1272521	CHR2:1272521	SSF x LoA	0,15823717	-0,082	0,307
CHR2	12727075	CHR2:12727075	SSF x LoA	-10,1415387	0,058	0,310
CHR2	12727176	CHR2:12727176	SSF x LoA	-8,75338314	0,010	0,306
CHR2	12727215	CHR2:12727215	SSF x LoA	-9,08456398	-0,024	0,302
CHR2	12727253	CHR2:12727253	SSF x LoA	-5,19057172	0,089	0,311
CHR2	12729096	CHR2:12729096	SSF x LoA	-7,62452967	0,020	0,325
CHR2	12729118	CHR2:12729118	SSF x LoA	-6,47779632	-0,226	0,298
CHR2	12729120	CHR2:12729120	SSF x LoA	-4,55150778	-0,236	0,295
CHR2	12729126	CHR2:12729126	SSF x LoA	-4,13084112	-0,235	0,296
CHR2	12729127	CHR2:12729127	SSF x LoA	-5,19702484	-0,237	0,292
CHR2	12729227	CHR2:12729227	SSF x LoA	-10,8824077	0,068	0,292
CHR2	12729244	CHR2:12729244	SSF x LoA	-4,28851145	-0,188	0,285
CHR2	12729326	CHR2:12729326	SSF x LoA	-7,40496302	-0,108	0,305
CHR2	12731592	CHR2:12731592	SSF x LoA	-8,790169	0,099	0,312
CHR2	12731679	CHR2:12731679	SSF x LoA	-7,272329	0,057	0,322
CHR2	12737347	CHR2:12737347	SSF x LoA	-8,49893467	0,113	0,286
CHR2	12737425	CHR2:12737425	SSF x LoA	-9,28825669	-0,098	0,296
CHR2	12737467	CHR2:12737467	SSF x LoA	-8,4024982	-0,068	0,296
CHR2	12737489	CHR2:12737489	SSF x LoA	-8,3654063	-0,010	0,306
CHR2	12738875	CHR2:12738875	SSF x LoA	-9,09035319	0,042	0,310
CHR2	12738984	CHR2:12738984	SSF x LoA	-11,5606989	0,053	0,301
CHR2	12747062	CHR2:12747062	SSF x LoA	-7,69254612	-0,087	0,311
CHR2	12747164	CHR2:12747164	SSF x LoA	-8,3909634	0,031	0,321
CHR2	12747718	CHR2:12747718	SSF x LoA	-8,77394358	0,047	0,326
CHR2	1275435	CHR2:1275435	SSF x LoA	-10,7438823	-0,062	0,313
CHR2	1275461	CHR2:1275461	SSF x LoA	-9,86774153	-0,043	0,297
CHR2	1275469	CHR2:1275469	SSF x LoA	-10,7368333	-0,119	0,306

CHR2	1275476	CHR2:1275476	SSF x LoA	-9,80050691	-0,093	0,311
CHR2	1275480	CHR2:1275480	SSF x LoA	-9,5661121	-0,057	0,306
CHR2	1275481	CHR2:1275481	SSF x LoA	-10,0248524	-0,086	0,295
CHR2	1275503	CHR2:1275503	SSF x LoA	-8,81654683	-0,091	0,316
CHR2	12766470	CHR2:12766470	SSF x LoA	-7,57131732	0,023	0,326
CHR2	12766508	CHR2:12766508	SSF x LoA	-11,1149338	-0,087	0,295
CHR2	12766512	CHR2:12766512	SSF x LoA	-11,1920817	0,084	0,301
CHR2	12766539	CHR2:12766539	SSF x LoA	-8,3854428	-0,105	0,301
CHR2	12766566	CHR2:12766566	SSF x LoA	-8,24804408	0,051	0,311
CHR2	12766571	CHR2:12766571	SSF x LoA	-9,22878395	0,057	0,297
CHR2	12766677	CHR2:12766677	SSF x LoA	-11,6739116	-0,004	0,296
CHR2	12766686	CHR2:12766686	SSF x LoA	-9,84234118	0,007	0,303
CHR2	12766729	CHR2:12766729	SSF x LoA	-8,57725632	0,044	0,301
CHR2	12766750	CHR2:12766750	SSF x LoA	-9,22475294	-0,047	0,309
CHR2	12768751	CHR2:12768751	SSF x LoA	-7,59018737	0,082	0,302
CHR2	12768762	CHR2:12768762	SSF x LoA	-9,31255654	0,015	0,310
CHR2	12768769	CHR2:12768769	SSF x LoA	-1,31929477	-0,069	0,319
CHR2	12768797	CHR2:12768797	SSF x LoA	-11,1437035	0,021	0,299
CHR2	1277918	CHR2:1277918	SSF x LoA	-10,7959481	-0,016	0,304
CHR2	12787652	CHR2:12787652	SSF x LoA	-7,59795245	0,153	0,288
CHR2	12787701	CHR2:12787701	SSF x LoA	-9,93416595	0,059	0,309
CHR2	12787715	CHR2:12787715	SSF x LoA	-4,66678591	-0,163	0,293
CHR2	12795428	CHR2:12795428	SSF x LoA	-10,3384651	-0,040	0,316
CHR2	12795442	CHR2:12795442	SSF x LoA	-8,0137591	-0,033	0,305
CHR2	12798426	CHR2:12798426	SSF x LoA	-11,2718334	0,004	0,305
CHR2	12802009	CHR2:12802009	SSF x LoA	-8,46462103	0,031	0,305
CHR2	12802094	CHR2:12802094	SSF x LoA	-10,4745876	-0,102	0,316
CHR2	12802112	CHR2:12802112	SSF x LoA	-10,4969864	-0,051	0,302
CHR2	12802252	CHR2:12802252	SSF x LoA	-6,89864573	0,117	0,305
CHR2	12821881	CHR2:12821881	SSF x LoA	-10,0108802	0,129	0,317
CHR2	12822529	CHR2:12822529	SSF x LoA	-10,6145603	-0,020	0,294
CHR2	12822531	CHR2:12822531	SSF x LoA	-10,6262819	-0,040	0,310
CHR2	12822613	CHR2:12822613	SSF x LoA	-9,40549441	-0,100	0,287
CHR2	12833298	CHR2:12833298	SSF x LoA	-10,6478874	0,061	0,304
CHR2	12834279	CHR2:12834279	SSF x LoA	-10,092433	0,099	0,298
CHR2	12838587	CHR2:12838587	SSF x LoA	-9,26234602	-0,097	0,301
CHR2	12838674	CHR2:12838674	SSF x LoA	-7,29346871	-0,050	0,319
CHR2	12841916	CHR2:12841916	SSF x LoA	-4,81351682	0,112	0,295
CHR2	12843303	CHR2:12843303	SSF x LoA	-8,9021081	0,008	0,301
CHR2	12845051	CHR2:12845051	SSF x LoA	-9,46876837	0,067	0,309
CHR2	12845118	CHR2:12845118	SSF x LoA	-11,3226158	-0,019	0,314
CHR2	12850173	CHR2:12850173	SSF x LoA	-8,24638692	-0,084	0,296
CHR2	12850197	CHR2:12850197	SSF x LoA	-10,2943178	0,077	0,330
CHR2	12850252	CHR2:12850252	SSF x LoA	-6,75613246	-0,114	0,313
CHR2	12850257	CHR2:12850257	SSF x LoA	-11,504856	0,004	0,313
CHR2	12850286	CHR2:12850286	SSF x LoA	-9,53750481	-0,018	0,312
CHR2	12854178	CHR2:12854178	SSF x LoA	-9,99478341	0,022	0,307
CHR2	12854227	CHR2:12854227	SSF x LoA	-6,94920135	0,014	0,321
CHR2	12854302	CHR2:12854302	SSF x LoA	-7,44444731	-0,020	0,316
CHR2	12870985	CHR2:12870985	SSF x LoA	-8,90648242	-0,177	0,301
CHR2	12870990	CHR2:12870990	SSF x LoA	-11,0173517	-0,016	0,303
CHR2	12871016	CHR2:12871016	SSF x LoA	-7,159847	0,128	0,316
CHR2	12871379	CHR2:12871379	SSF x LoA	-10,9670391	-0,012	0,289

CHR2	12871385	CHR2:12871385	SSF x LoA	-7,74461998	0,043	0,307
CHR2	12873019	CHR2:12873019	SSF x LoA	-9,83263728	0,008	0,298
CHR2	12873073	CHR2:12873073	SSF x LoA	-9,42445477	0,008	0,303
CHR2	12873151	CHR2:12873151	SSF x LoA	-8,86251214	0,061	0,299
CHR2	12876398	CHR2:12876398	SSF x LoA	-9,99779552	0,000	0,315
CHR2	12876485	CHR2:12876485	SSF x LoA	-9,65394927	-0,147	0,313
CHR2	12876505	CHR2:12876505	SSF x LoA	-8,46586002	0,015	0,317
CHR2	12876547	CHR2:12876547	SSF x LoA	-10,2505106	-0,095	0,310
CHR2	12880158	CHR2:12880158	SSF x LoA	-10,8429507	0,018	0,309
CHR2	12892176	CHR2:12892176	SSF x LoA	-11,4146769	-0,035	0,300
CHR2	12895217	CHR2:12895217	SSF x LoA	-6,94686593	0,135	0,315
CHR2	12895276	CHR2:12895276	SSF x LoA	-6,87623474	0,165	0,304
CHR2	12895356	CHR2:12895356	SSF x LoA	-10,1400221	-0,039	0,318
CHR2	12911357	CHR2:12911357	SSF x LoA	-8,11568426	-0,021	0,321
CHR2	12911438	CHR2:12911438	SSF x LoA	-11,0281917	0,113	0,308
CHR2	12911605	CHR2:12911605	SSF x LoA	-10,2542609	0,046	0,313
CHR2	12911617	CHR2:12911617	SSF x LoA	-10,4929844	0,094	0,312
CHR2	12911629	CHR2:12911629	SSF x LoA	-7,46832751	0,087	0,311
CHR2	12918029	CHR2:12918029	SSF x LoA	-8,98173456	-0,074	0,296
CHR2	12918037	CHR2:12918037	SSF x LoA	-8,30858199	-0,117	0,290
CHR2	12932426	CHR2:12932426	SSF x LoA	-11,6059057	0,069	0,303
CHR2	12932430	CHR2:12932430	SSF x LoA	-9,92694864	-0,013	0,296
CHR2	12932447	CHR2:12932447	SSF x LoA	-9,25143161	-0,005	0,299
CHR2	12937622	CHR2:12937622	SSF x LoA	-11,3633033	-0,024	0,311
CHR2	12938833	CHR2:12938833	SSF x LoA	-10,0519978	0,075	0,304
CHR2	12938860	CHR2:12938860	SSF x LoA	-9,52794833	-0,083	0,316
CHR2	12938879	CHR2:12938879	SSF x LoA	-8,37634555	-0,057	0,301
CHR2	12938946	CHR2:12938946	SSF x LoA	-9,00683003	0,072	0,301
CHR2	12947452	CHR2:12947452	SSF x LoA	-8,91636895	-0,211	0,302
CHR2	12947462	CHR2:12947462	SSF x LoA	-9,51958761	0,108	0,313
CHR2	12947466	CHR2:12947466	SSF x LoA	-11,1649464	-0,034	0,314
CHR2	12947506	CHR2:12947506	SSF x LoA	-11,7410199	-0,002	0,307
CHR2	1295578	CHR2:1295578	SSF x LoA	-9,73506154	0,002	0,316
CHR2	1295581	CHR2:1295581	SSF x LoA	-6,86561816	-0,093	0,305
CHR2	12957423	CHR2:12957423	SSF x LoA	-10,1949726	0,006	0,310
CHR2	12957426	CHR2:12957426	SSF x LoA	-10,0468323	-0,029	0,311
CHR2	12957429	CHR2:12957429	SSF x LoA	-9,58124768	-0,003	0,300
CHR2	12957462	CHR2:12957462	SSF x LoA	0,60166386	0,091	0,313
CHR2	12968325	CHR2:12968325	SSF x LoA	-8,39094886	0,147	0,295
CHR2	1297297	CHR2:1297297	SSF x LoA	-6,4818143	-0,027	0,317
CHR2	1297304	CHR2:1297304	SSF x LoA	-5,81102247	-0,095	0,305
CHR2	1297379	CHR2:1297379	SSF x LoA	-11,1304279	0,086	0,309
CHR2	1297387	CHR2:1297387	SSF x LoA	-10,033067	0,044	0,314
CHR2	1297397	CHR2:1297397	SSF x LoA	-10,2179559	0,035	0,321
CHR2	12974740	CHR2:12974740	SSF x LoA	-10,7218651	0,039	0,315
CHR2	12974817	CHR2:12974817	SSF x LoA	-7,5281687	0,122	0,292
CHR2	12974843	CHR2:12974843	SSF x LoA	-9,40097021	0,113	0,295
CHR2	12974845	CHR2:12974845	SSF x LoA	-10,194726	0,000	0,305
CHR2	12974853	CHR2:12974853	SSF x LoA	-7,43837392	0,113	0,297
CHR2	12974860	CHR2:12974860	SSF x LoA	-10,2320694	0,036	0,320
CHR2	12974865	CHR2:12974865	SSF x LoA	-11,7280941	0,017	0,287
CHR2	12974890	CHR2:12974890	SSF x LoA	-12,1423126	0,025	0,303
CHR2	12974893	CHR2:12974893	SSF x LoA	-8,72782105	0,027	0,304

CHR2	12974909	CHR2:12974909	SSF x LoA	-6,45441893	0,110	0,303
CHR2	12974910	CHR2:12974910	SSF x LoA	-8,23648379	0,120	0,314
CHR2	12974921	CHR2:12974921	SSF x LoA	-11,9166813	-0,038	0,288
CHR2	12974957	CHR2:12974957	SSF x LoA	-10,5336284	0,073	0,296
CHR2	12974958	CHR2:12974958	SSF x LoA	-8,02834366	0,024	0,306
CHR2	12974960	CHR2:12974960	SSF x LoA	-9,71608472	0,053	0,310
CHR2	12974961	CHR2:12974961	SSF x LoA	-10,8410803	0,035	0,295
CHR2	12974970	CHR2:12974970	SSF x LoA	-5,69253054	0,031	0,305
CHR2	12974971	CHR2:12974971	SSF x LoA	-11,2611974	0,050	0,293
CHR2	12975001	CHR2:12975001	SSF x LoA	-7,6218053	0,082	0,313
CHR2	12975020	CHR2:12975020	SSF x LoA	-8,19791478	-0,119	0,300
CHR2	12975025	CHR2:12975025	SSF x LoA	-8,36839491	0,055	0,301
CHR2	12975094	CHR2:12975094	SSF x LoA	-11,2849814	-0,020	0,299
CHR2	1297535	CHR2:1297535	SSF x LoA	-5,14380831	-0,033	0,303
CHR2	12985060	CHR2:12985060	SSF x LoA	-6,60832967	-0,001	0,300
CHR2	12985068	CHR2:12985068	SSF x LoA	-8,60756052	-0,051	0,311
CHR2	12985073	CHR2:12985073	SSF x LoA	-9,11398807	0,044	0,309
CHR2	12985088	CHR2:12985088	SSF x LoA	-9,75990064	0,084	0,295
CHR2	12985089	CHR2:12985089	SSF x LoA	-10,3386092	0,101	0,303
CHR2	12985107	CHR2:12985107	SSF x LoA	-7,15943714	0,160	0,284
CHR2	12985109	CHR2:12985109	SSF x LoA	-8,95508825	0,133	0,302
CHR2	12985115	CHR2:12985115	SSF x LoA	-8,26068921	0,065	0,303
CHR2	12985133	CHR2:12985133	SSF x LoA	-11,2020306	0,073	0,296
CHR2	12985163	CHR2:12985163	SSF x LoA	-8,63941828	0,131	0,291
CHR2	13012314	CHR2:13012314	SSF x LoA	-10,0272864	0,074	0,327
CHR2	13013542	CHR2:13013542	SSF x LoA	-7,09594499	0,078	0,312
CHR2	13038239	CHR2:13038239	SSF x LoA	-11,1306731	-0,052	0,301
CHR2	13038309	CHR2:13038309	SSF x LoA	-9,50897359	0,106	0,301
CHR2	13047877	CHR2:13047877	SSF x LoA	-7,63548481	0,044	0,307
CHR2	13048688	CHR2:13048688	SSF x LoA	-10,3028015	0,083	0,300
CHR2	13049856	CHR2:13049856	SSF x LoA	-9,94533637	0,035	0,311
CHR2	13049898	CHR2:13049898	SSF x LoA	-8,48732423	0,002	0,321
CHR2	13050011	CHR2:13050011	SSF x LoA	-8,85989902	0,022	0,316
CHR2	13057044	CHR2:13057044	SSF x LoA	-7,74649185	-0,174	0,284
CHR2	13057045	CHR2:13057045	SSF x LoA	-9,36592282	0,147	0,309
CHR2	13106559	CHR2:13106559	SSF x LoA	-8,59786331	0,013	0,319
CHR2	13106606	CHR2:13106606	SSF x LoA	-7,62462511	-0,049	0,314
CHR2	13106617	CHR2:13106617	SSF x LoA	-9,60571604	-0,058	0,292
CHR2	13106699	CHR2:13106699	SSF x LoA	-8,78041089	0,081	0,313
CHR2	13106707	CHR2:13106707	SSF x LoA	-7,5385275	0,041	0,323
CHR2	13107710	CHR2:13107710	SSF x LoA	-12,5768346	-0,012	0,299
CHR2	13107739	CHR2:13107739	SSF x LoA	-5,94638227	-0,033	0,305
CHR2	13111979	CHR2:13111979	SSF x LoA	-8,61073478	0,092	0,301
CHR2	13112074	CHR2:13112074	SSF x LoA	-11,3319195	0,021	0,321
CHR2	13113618	CHR2:13113618	SSF x LoA	-9,83102658	0,064	0,305
CHR2	13114913	CHR2:13114913	SSF x LoA	-11,0688483	0,016	0,309
CHR2	13114916	CHR2:13114916	SSF x LoA	-11,1816485	-0,038	0,308
CHR2	13115249	CHR2:13115249	SSF x LoA	-9,46135258	-0,010	0,312
CHR2	13115316	CHR2:13115316	SSF x LoA	-9,00873148	-0,092	0,298
CHR2	13115327	CHR2:13115327	SSF x LoA	-10,6722569	-0,004	0,309
CHR2	13116799	CHR2:13116799	SSF x LoA	-6,46725949	0,057	0,317
CHR2	13116814	CHR2:13116814	SSF x LoA	-9,18027118	0,057	0,304
CHR2	13116846	CHR2:13116846	SSF x LoA	-10,4516405	-0,109	0,309

CHR2	13116982	CHR2:13116982	SSF x LoA	-5,11927937	0,020	0,313
CHR2	13156322	CHR2:13156322	SSF x LoA	-5,8502061	-0,114	0,318
CHR2	13163895	CHR2:13163895	SSF x LoA	-9,6137645	0,041	0,311
CHR2	13163925	CHR2:13163925	SSF x LoA	-9,02219568	0,049	0,323
CHR2	13164536	CHR2:13164536	SSF x LoA	-8,46303159	-0,093	0,301
CHR2	13164558	CHR2:13164558	SSF x LoA	-10,0528805	0,028	0,305
CHR2	13164572	CHR2:13164572	SSF x LoA	-8,76507251	-0,101	0,324
CHR2	13165420	CHR2:13165420	SSF x LoA	-6,35849326	-0,115	0,312
CHR2	13165423	CHR2:13165423	SSF x LoA	-8,18179034	0,125	0,306
CHR2	13165478	CHR2:13165478	SSF x LoA	-10,4569311	-0,104	0,315
CHR2	13165535	CHR2:13165535	SSF x LoA	-10,1394772	0,016	0,307
CHR2	13165609	CHR2:13165609	SSF x LoA	-7,83742553	0,063	0,300
CHR2	13167383	CHR2:13167383	SSF x LoA	-12,0038783	0,009	0,303
CHR2	13170988	CHR2:13170988	SSF x LoA	-9,89258384	0,080	0,295
CHR2	13186458	CHR2:13186458	SSF x LoA	-8,99944087	-0,124	0,308
CHR2	13189179	CHR2:13189179	SSF x LoA	-7,44615023	0,031	0,325
CHR2	13189180	CHR2:13189180	SSF x LoA	-8,99425055	0,017	0,313
CHR2	13189241	CHR2:13189241	SSF x LoA	-8,44510486	-0,010	0,311
CHR2	13189307	CHR2:13189307	SSF x LoA	-8,61076027	-0,022	0,308
CHR2	13189337	CHR2:13189337	SSF x LoA	-8,99286662	0,006	0,304
CHR2	13189340	CHR2:13189340	SSF x LoA	-10,350141	0,136	0,315
CHR2	13189391	CHR2:13189391	SSF x LoA	-9,85297814	-0,016	0,294
CHR2	13204771	CHR2:13204771	SSF x LoA	-8,58040308	0,028	0,310
CHR2	13204774	CHR2:13204774	SSF x LoA	-10,3077628	-0,018	0,324
CHR2	13204824	CHR2:13204824	SSF x LoA	-11,0089955	-0,030	0,304
CHR2	13204880	CHR2:13204880	SSF x LoA	-7,85389107	0,003	0,303
CHR2	13204920	CHR2:13204920	SSF x LoA	-5,65810418	-0,065	0,310
CHR2	13209509	CHR2:13209509	SSF x LoA	-9,75002639	0,054	0,309
CHR2	13209515	CHR2:13209515	SSF x LoA	-9,63287434	0,068	0,293
CHR2	13209548	CHR2:13209548	SSF x LoA	-5,24735486	0,074	0,294
CHR2	13213912	CHR2:13213912	SSF x LoA	-11,6562531	-0,014	0,305
CHR2	13213923	CHR2:13213923	SSF x LoA	-11,3259743	-0,015	0,291
CHR2	13213941	CHR2:13213941	SSF x LoA	-10,39748	-0,084	0,297
CHR2	13214008	CHR2:13214008	SSF x LoA	-9,41070758	0,005	0,312
CHR2	13214015	CHR2:13214015	SSF x LoA	-7,99068521	0,034	0,325
CHR2	13214018	CHR2:13214018	SSF x LoA	-9,00991211	-0,033	0,317
CHR2	13214025	CHR2:13214025	SSF x LoA	-9,84211737	0,006	0,316
CHR2	13214075	CHR2:13214075	SSF x LoA	-6,06814801	-0,057	0,306
CHR2	13214076	CHR2:13214076	SSF x LoA	-9,79735829	0,080	0,307
CHR2	13216577	CHR2:13216577	SSF x LoA	-8,51557242	-0,057	0,313
CHR2	13232065	CHR2:13232065	SSF x LoA	-5,97104324	-0,219	0,302
CHR2	13232068	CHR2:13232068	SSF x LoA	-9,64811986	0,033	0,289
CHR2	13232084	CHR2:13232084	SSF x LoA	-8,41880436	0,066	0,308
CHR2	13241115	CHR2:13241115	SSF x LoA	-8,61177519	0,019	0,305
CHR2	13249710	CHR2:13249710	SSF x LoA	-10,9193733	-0,066	0,316
CHR2	13249741	CHR2:13249741	SSF x LoA	-9,79896656	-0,011	0,300
CHR2	13252728	CHR2:13252728	SSF x LoA	-7,95019552	-0,017	0,313
CHR2	13252881	CHR2:13252881	SSF x LoA	-9,14976508	-0,013	0,305
CHR2	13278466	CHR2:13278466	SSF x LoA	-9,44464989	-0,067	0,303
CHR2	13305446	CHR2:13305446	SSF x LoA	-6,24918102	-0,155	0,311
CHR2	13305622	CHR2:13305622	SSF x LoA	-6,85755728	-0,039	0,308
CHR2	13330559	CHR2:13330559	SSF x LoA	-7,22093666	-0,110	0,314
CHR2	13330560	CHR2:13330560	SSF x LoA	-7,9432911	-0,094	0,305

CHR2	13330588	CHR2:13330588	SSF x LoA	-8,70941917	0,000	0,326
CHR2	13331696	CHR2:13331696	SSF x LoA	-7,92061251	0,019	0,316
CHR2	13331716	CHR2:13331716	SSF x LoA	-8,22933561	0,006	0,324
CHR2	13338975	CHR2:13338975	SSF x LoA	-9,04073538	0,079	0,304
CHR2	13339005	CHR2:13339005	SSF x LoA	-9,03978082	0,050	0,315
CHR2	13342275	CHR2:13342275	SSF x LoA	-9,77791586	-0,058	0,313
CHR2	13342820	CHR2:13342820	SSF x LoA	-10,501924	0,018	0,309
CHR2	13344742	CHR2:13344742	SSF x LoA	-8,76835153	-0,052	0,311
CHR2	13344793	CHR2:13344793	SSF x LoA	-11,8452906	0,048	0,290
CHR2	13344888	CHR2:13344888	SSF x LoA	-10,3584962	-0,123	0,308
CHR2	13344936	CHR2:13344936	SSF x LoA	-7,37440581	-0,035	0,315
CHR2	13344999	CHR2:13344999	SSF x LoA	-9,55505941	0,036	0,325
CHR2	13353166	CHR2:13353166	SSF x LoA	-9,16227966	0,088	0,312
CHR2	13353182	CHR2:13353182	SSF x LoA	-9,73049755	0,051	0,306
CHR2	13353232	CHR2:13353232	SSF x LoA	-8,07243508	0,097	0,300
CHR2	13355037	CHR2:13355037	SSF x LoA	-11,3215914	0,054	0,308
CHR2	13355038	CHR2:13355038	SSF x LoA	-9,43866648	0,072	0,318
CHR2	13355043	CHR2:13355043	SSF x LoA	-5,05438899	0,136	0,301
CHR2	13355046	CHR2:13355046	SSF x LoA	-1,2269426	0,134	0,317
CHR2	13355070	CHR2:13355070	SSF x LoA	-11,1603478	0,067	0,312
CHR2	13356015	CHR2:13356015	SSF x LoA	-6,64867949	0,161	0,309
CHR2	13356228	CHR2:13356228	SSF x LoA	-8,92238035	0,023	0,316
CHR2	13356229	CHR2:13356229	SSF x LoA	-8,39077127	-0,006	0,313
CHR2	13356288	CHR2:13356288	SSF x LoA	-9,92071658	0,048	0,319
CHR2	13358379	CHR2:13358379	SSF x LoA	-8,0527624	0,130	0,306
CHR2	13358380	CHR2:13358380	SSF x LoA	-8,15665297	0,041	0,314
CHR2	13359059	CHR2:13359059	SSF x LoA	-8,46421265	-0,076	0,305
CHR2	13364321	CHR2:13364321	SSF x LoA	-9,84846137	0,043	0,300
CHR2	13364374	CHR2:13364374	SSF x LoA	-9,42013318	-0,031	0,285
CHR2	13365182	CHR2:13365182	SSF x LoA	-8,32868366	-0,113	0,301
CHR2	13365199	CHR2:13365199	SSF x LoA	-11,9228787	-0,006	0,309
CHR2	13365241	CHR2:13365241	SSF x LoA	-11,2769962	0,035	0,314
CHR2	13365292	CHR2:13365292	SSF x LoA	-10,4674821	0,057	0,307
CHR2	13367881	CHR2:13367881	SSF x LoA	-11,7240014	-0,029	0,305
CHR2	13367882	CHR2:13367882	SSF x LoA	-10,7416768	-0,021	0,319
CHR2	13367966	CHR2:13367966	SSF x LoA	-9,75625084	0,055	0,310
CHR2	13377341	CHR2:13377341	SSF x LoA	-11,7281528	0,010	0,302
CHR2	1337807	CHR2:1337807	SSF x LoA	-9,23649471	0,109	0,315
CHR2	1338970	CHR2:1338970	SSF x LoA	-7,65410476	0,162	0,304
CHR2	1338979	CHR2:1338979	SSF x LoA	-8,73111431	0,117	0,300
CHR2	1339010	CHR2:1339010	SSF x LoA	-7,87590973	-0,088	0,302
CHR2	1339011	CHR2:1339011	SSF x LoA	-8,71418514	-0,115	0,302
CHR2	13390250	CHR2:13390250	SSF x LoA	-10,6523025	0,094	0,315
CHR2	13390390	CHR2:13390390	SSF x LoA	-9,52022686	-0,041	0,313
CHR2	1339079	CHR2:1339079	SSF x LoA	-7,69344459	-0,121	0,311
CHR2	1339100	CHR2:1339100	SSF x LoA	-9,52516054	-0,025	0,297
CHR2	13391842	CHR2:13391842	SSF x LoA	-10,1222137	-0,003	0,305
CHR2	13393219	CHR2:13393219	SSF x LoA	-7,85817834	0,135	0,300
CHR2	13393228	CHR2:13393228	SSF x LoA	-11,2918404	0,003	0,309
CHR2	13393308	CHR2:13393308	SSF x LoA	-10,4786425	-0,147	0,304
CHR2	13398967	CHR2:13398967	SSF x LoA	-8,82523543	-0,015	0,321
CHR2	13399026	CHR2:13399026	SSF x LoA	-8,9954581	-0,138	0,312
CHR2	13399028	CHR2:13399028	SSF x LoA	-9,57167979	-0,033	0,307

CHR2	13399031	CHR2:13399031	SSF x LoA	-10,423052	-0,046	0,313
CHR2	13399032	CHR2:13399032	SSF x LoA	-9,92023091	-0,027	0,314
CHR2	13399089	CHR2:13399089	SSF x LoA	-6,2030961	-0,009	0,299
CHR2	13400796	CHR2:13400796	SSF x LoA	-9,79005739	-0,063	0,301
CHR2	13400804	CHR2:13400804	SSF x LoA	-10,1186384	0,155	0,298
CHR2	13400831	CHR2:13400831	SSF x LoA	-9,07244543	0,058	0,301
CHR2	13400834	CHR2:13400834	SSF x LoA	-10,9946697	0,112	0,311
CHR2	13400835	CHR2:13400835	SSF x LoA	-8,84031196	-0,059	0,314
CHR2	13400842	CHR2:13400842	SSF x LoA	-6,89266147	0,047	0,319
CHR2	13400844	CHR2:13400844	SSF x LoA	-6,73502654	0,080	0,309
CHR2	13400854	CHR2:13400854	SSF x LoA	-10,0983818	0,091	0,308
CHR2	13400858	CHR2:13400858	SSF x LoA	-11,6104492	-0,039	0,310
CHR2	13400861	CHR2:13400861	SSF x LoA	-9,27704868	0,063	0,310
CHR2	13400876	CHR2:13400876	SSF x LoA	-8,30364461	0,034	0,310
CHR2	13400910	CHR2:13400910	SSF x LoA	-9,88175969	-0,027	0,315
CHR2	13401004	CHR2:13401004	SSF x LoA	-7,38547958	-0,019	0,320
CHR2	13401006	CHR2:13401006	SSF x LoA	-11,2553772	0,055	0,296
CHR2	13401009	CHR2:13401009	SSF x LoA	-8,12275352	-0,006	0,309
CHR2	13401109	CHR2:13401109	SSF x LoA	-9,41909064	-0,049	0,312
CHR2	13401114	CHR2:13401114	SSF x LoA	-11,2363949	0,056	0,304
CHR2	13403238	CHR2:13403238	SSF x LoA	-8,21896582	-0,061	0,318
CHR2	13403297	CHR2:13403297	SSF x LoA	-10,6970888	0,051	0,314
CHR2	13403345	CHR2:13403345	SSF x LoA	-10,0887644	0,079	0,300
CHR2	13405212	CHR2:13405212	SSF x LoA	-11,0979453	-0,078	0,304
CHR2	13405258	CHR2:13405258	SSF x LoA	-7,73382719	-0,009	0,302
CHR2	13405312	CHR2:13405312	SSF x LoA	-4,66498215	0,146	0,296
CHR2	1341253	CHR2:1341253	SSF x LoA	-9,40061615	0,088	0,294
CHR2	1341295	CHR2:1341295	SSF x LoA	-6,27120513	-0,097	0,311
CHR2	1341389	CHR2:1341389	SSF x LoA	-9,03044625	-0,076	0,298
CHR2	13420433	CHR2:13420433	SSF x LoA	-8,35591785	-0,006	0,300
CHR2	13422536	CHR2:13422536	SSF x LoA	-7,58878453	0,031	0,303
CHR2	13425116	CHR2:13425116	SSF x LoA	-9,57636981	-0,014	0,310
CHR2	13425136	CHR2:13425136	SSF x LoA	-8,69083532	0,116	0,302
CHR2	13425178	CHR2:13425178	SSF x LoA	-10,9293628	-0,059	0,309
CHR2	13425185	CHR2:13425185	SSF x LoA	-5,74386509	-0,210	0,289
CHR2	13425194	CHR2:13425194	SSF x LoA	-7,0503591	-0,218	0,287
CHR2	13425195	CHR2:13425195	SSF x LoA	-5,35777973	0,177	0,290
CHR2	13425214	CHR2:13425214	SSF x LoA	-7,5794338	0,168	0,304
CHR2	13425247	CHR2:13425247	SSF x LoA	-5,97972109	0,135	0,302
CHR2	13426564	CHR2:13426564	SSF x LoA	-9,83943202	-0,022	0,293
CHR2	13436424	CHR2:13436424	SSF x LoA	-8,77931886	0,086	0,313
CHR2	13436458	CHR2:13436458	SSF x LoA	-6,72247479	0,027	0,298
CHR2	13436593	CHR2:13436593	SSF x LoA	-9,4782374	0,055	0,321
CHR2	13436675	CHR2:13436675	SSF x LoA	2,03792705	-0,075	0,321
CHR2	13436682	CHR2:13436682	SSF x LoA	-8,39364959	-0,107	0,297
CHR2	13436688	CHR2:13436688	SSF x LoA	-7,74148898	-0,100	0,308
CHR2	13436689	CHR2:13436689	SSF x LoA	-8,09365286	0,066	0,313
CHR2	13453163	CHR2:13453163	SSF x LoA	-8,51430935	-0,067	0,317
CHR2	13453164	CHR2:13453164	SSF x LoA	-10,1451577	0,091	0,308
CHR2	13453174	CHR2:13453174	SSF x LoA	-7,37314433	-0,047	0,309
CHR2	13453201	CHR2:13453201	SSF x LoA	-11,2726682	-0,019	0,294
CHR2	13453207	CHR2:13453207	SSF x LoA	-9,53213762	0,104	0,304
CHR2	13453261	CHR2:13453261	SSF x LoA	-9,24023728	0,177	0,306

CHR2	13457328	CHR2:13457328	SSF x LoA	-6,8964811	0,026	0,304
CHR2	13457365	CHR2:13457365	SSF x LoA	-7,2892516	-0,153	0,308
CHR2	13457370	CHR2:13457370	SSF x LoA	-9,03813997	0,037	0,316
CHR2	13457392	CHR2:13457392	SSF x LoA	-9,31597415	0,105	0,308
CHR2	13457403	CHR2:13457403	SSF x LoA	-10,0507198	0,038	0,311
CHR2	13457424	CHR2:13457424	SSF x LoA	-10,3412974	0,095	0,301
CHR2	13457760	CHR2:13457760	SSF x LoA	-11,7038288	0,049	0,315
CHR2	13457777	CHR2:13457777	SSF x LoA	-6,04902434	-0,133	0,313
CHR2	13457800	CHR2:13457800	SSF x LoA	-5,9725773	0,069	0,296
CHR2	13457873	CHR2:13457873	SSF x LoA	-10,2687065	0,036	0,311
CHR2	13460537	CHR2:13460537	SSF x LoA	-9,98370366	-0,122	0,296
CHR2	13460911	CHR2:13460911	SSF x LoA	-10,0783104	0,106	0,305
CHR2	13460922	CHR2:13460922	SSF x LoA	-8,84733001	0,116	0,296
CHR2	13467336	CHR2:13467336	SSF x LoA	-9,18701398	-0,052	0,309
CHR2	13467455	CHR2:13467455	SSF x LoA	-11,1187984	0,091	0,302
CHR2	13468875	CHR2:13468875	SSF x LoA	-9,27800817	-0,106	0,318
CHR2	13468923	CHR2:13468923	SSF x LoA	-9,52466727	0,069	0,312
CHR2	13468966	CHR2:13468966	SSF x LoA	-9,27865075	0,098	0,303
CHR2	13473235	CHR2:13473235	SSF x LoA	-11,2632318	0,032	0,306
CHR2	13473354	CHR2:13473354	SSF x LoA	-7,08909369	0,031	0,306
CHR2	13473368	CHR2:13473368	SSF x LoA	-10,7159171	0,030	0,307
CHR2	13473370	CHR2:13473370	SSF x LoA	-8,61963151	0,047	0,303
CHR2	13473422	CHR2:13473422	SSF x LoA	-11,8386132	0,039	0,307
CHR2	13473439	CHR2:13473439	SSF x LoA	-9,16454864	0,055	0,312
CHR2	13479685	CHR2:13479685	SSF x LoA	-10,7788196	-0,055	0,305
CHR2	13479778	CHR2:13479778	SSF x LoA	-9,25661546	-0,113	0,303
CHR2	13479795	CHR2:13479795	SSF x LoA	-10,697991	0,083	0,301
CHR2	13479807	CHR2:13479807	SSF x LoA	-9,33251464	-0,083	0,314
CHR2	13479812	CHR2:13479812	SSF x LoA	-11,5577498	-0,071	0,302
CHR2	13479823	CHR2:13479823	SSF x LoA	-8,20147888	0,115	0,305
CHR2	13479867	CHR2:13479867	SSF x LoA	-8,30002568	0,162	0,295
CHR2	13487150	CHR2:13487150	SSF x LoA	-10,4360826	0,108	0,306
CHR2	13488270	CHR2:13488270	SSF x LoA	-9,46357773	-0,037	0,296
CHR2	13488368	CHR2:13488368	SSF x LoA	-1,75193933	-0,053	0,291
CHR2	13488399	CHR2:13488399	SSF x LoA	-6,73760472	0,179	0,295
CHR2	13488456	CHR2:13488456	SSF x LoA	-8,99403752	0,052	0,308
CHR2	13495766	CHR2:13495766	SSF x LoA	-7,67312881	0,093	0,299
CHR2	13495768	CHR2:13495768	SSF x LoA	-6,81821605	0,147	0,284
CHR2	13495845	CHR2:13495845	SSF x LoA	-8,23182237	-0,017	0,306
CHR2	13501112	CHR2:13501112	SSF x LoA	-9,26246313	-0,050	0,306
CHR2	13501129	CHR2:13501129	SSF x LoA	-7,39365026	-0,095	0,301
CHR2	1350250	CHR2:1350250	SSF x LoA	-7,89398888	-0,006	0,326
CHR2	1350270	CHR2:1350270	SSF x LoA	-9,0317408	-0,053	0,303
CHR2	1350290	CHR2:1350290	SSF x LoA	-9,34243423	-0,025	0,320
CHR2	1350348	CHR2:1350348	SSF x LoA	-9,97592319	0,053	0,303
CHR2	1350358	CHR2:1350358	SSF x LoA	-8,17734899	-0,036	0,304
CHR2	13506690	CHR2:13506690	SSF x LoA	-6,53015408	0,132	0,298
CHR2	13506781	CHR2:13506781	SSF x LoA	-5,94041505	-0,164	0,303
CHR2	13506797	CHR2:13506797	SSF x LoA	-8,01328413	0,125	0,319
CHR2	13511347	CHR2:13511347	SSF x LoA	-9,02575928	-0,110	0,298
CHR2	13512049	CHR2:13512049	SSF x LoA	10,6829196	0,033	0,302
CHR2	13512144	CHR2:13512144	SSF x LoA	-12,2999636	-0,022	0,302
CHR2	13512145	CHR2:13512145	SSF x LoA	-6,06909923	-0,025	0,310

CHR2	13512166	CHR2:13512166	SSF x LoA	-6,88545598	-0,049	0,311
CHR2	13513833	CHR2:13513833	SSF x LoA	-6,94252577	-0,016	0,300
CHR2	13513917	CHR2:13513917	SSF x LoA	-10,0648678	-0,051	0,300
CHR2	13514016	CHR2:13514016	SSF x LoA	-9,25937288	-0,012	0,317
CHR2	13514820	CHR2:13514820	SSF x LoA	-8,5334443	-0,089	0,292
CHR2	13514865	CHR2:13514865	SSF x LoA	-8,4181057	0,090	0,298
CHR2	13514869	CHR2:13514869	SSF x LoA	-8,98221346	0,091	0,287
CHR2	13521550	CHR2:13521550	SSF x LoA	-9,04059798	-0,116	0,292
CHR2	13521772	CHR2:13521772	SSF x LoA	-10,2800327	-0,020	0,308
CHR2	13521785	CHR2:13521785	SSF x LoA	-9,94348701	0,031	0,321
CHR2	13523045	CHR2:13523045	SSF x LoA	-9,37729505	0,082	0,306
CHR2	13523065	CHR2:13523065	SSF x LoA	-8,17814555	-0,029	0,305
CHR2	13523084	CHR2:13523084	SSF x LoA	-10,4748456	-0,020	0,311
CHR2	13523093	CHR2:13523093	SSF x LoA	-10,3556447	-0,084	0,295
CHR2	13525362	CHR2:13525362	SSF x LoA	-7,12341425	0,108	0,314
CHR2	13527469	CHR2:13527469	SSF x LoA	-8,67715858	-0,057	0,309
CHR2	1353394	CHR2:1353394	SSF x LoA	-8,69540262	0,088	0,311
CHR2	13534384	CHR2:13534384	SSF x LoA	-11,5147875	-0,016	0,301
CHR2	13540856	CHR2:13540856	SSF x LoA	-12,1146181	-0,042	0,298
CHR2	13540860	CHR2:13540860	SSF x LoA	-7,10307361	0,115	0,310
CHR2	13541013	CHR2:13541013	SSF x LoA	-9,24109208	0,077	0,312
CHR2	13541015	CHR2:13541015	SSF x LoA	-7,06390294	-0,141	0,297
CHR2	13541071	CHR2:13541071	SSF x LoA	-11,9361665	-0,028	0,297
CHR2	13546186	CHR2:13546186	SSF x LoA	-10,5796598	0,009	0,311
CHR2	13546194	CHR2:13546194	SSF x LoA	-7,83976208	-0,119	0,293
CHR2	13546199	CHR2:13546199	SSF x LoA	-11,9035693	0,000	0,297
CHR2	13546205	CHR2:13546205	SSF x LoA	-10,3407962	-0,044	0,287
CHR2	13554853	CHR2:13554853	SSF x LoA	-9,59804196	-0,008	0,312
CHR2	13554897	CHR2:13554897	SSF x LoA	-8,84192522	0,006	0,305
CHR2	13554915	CHR2:13554915	SSF x LoA	-10,131835	-0,115	0,302
CHR2	13554948	CHR2:13554948	SSF x LoA	-8,59032166	0,039	0,291
CHR2	13554953	CHR2:13554953	SSF x LoA	-10,9218617	-0,091	0,298
CHR2	13554972	CHR2:13554972	SSF x LoA	-7,55633428	0,105	0,305
CHR2	13555092	CHR2:13555092	SSF x LoA	-10,5091988	0,033	0,303
CHR2	13555141	CHR2:13555141	SSF x LoA	-7,25459993	-0,105	0,306
CHR2	13555161	CHR2:13555161	SSF x LoA	-8,99534177	0,017	0,317
CHR2	13558161	CHR2:13558161	SSF x LoA	-9,11520231	0,015	0,315
CHR2	13565894	CHR2:13565894	SSF x LoA	-11,7962322	0,109	0,294
CHR2	13565900	CHR2:13565900	SSF x LoA	-8,66875274	-0,079	0,312
CHR2	13565946	CHR2:13565946	SSF x LoA	-5,80428047	-0,115	0,302
CHR2	13575755	CHR2:13575755	SSF x LoA	-10,0970721	-0,065	0,309
CHR2	13575806	CHR2:13575806	SSF x LoA	-10,8848006	-0,046	0,307
CHR2	13580725	CHR2:13580725	SSF x LoA	-10,7839193	-0,044	0,307
CHR2	13580737	CHR2:13580737	SSF x LoA	-10,5851244	-0,027	0,317
CHR2	13580825	CHR2:13580825	SSF x LoA	-10,8187413	-0,017	0,323
CHR2	13580830	CHR2:13580830	SSF x LoA	-9,16735235	0,099	0,318
CHR2	13580932	CHR2:13580932	SSF x LoA	-9,00930244	0,097	0,298
CHR2	13583901	CHR2:13583901	SSF x LoA	-8,31243231	-0,157	0,295
CHR2	13583953	CHR2:13583953	SSF x LoA	-11,7454719	-0,076	0,293
CHR2	13584102	CHR2:13584102	SSF x LoA	-9,09414823	0,021	0,306
CHR2	13586732	CHR2:13586732	SSF x LoA	-8,94050323	-0,057	0,299
CHR2	13586748	CHR2:13586748	SSF x LoA	-10,3621656	0,057	0,304
CHR2	13586780	CHR2:13586780	SSF x LoA	-9,82488633	0,119	0,292

CHR2	1358856	CHR2:1358856	SSF x LoA	-10,1707882	-0,001	0,302
CHR2	13589903	CHR2:13589903	SSF x LoA	-8,96480268	0,100	0,305
CHR2	1359039	CHR2:1359039	SSF x LoA	-8,28191646	-0,148	0,286
CHR2	13592410	CHR2:13592410	SSF x LoA	-8,94499919	-0,004	0,319
CHR2	13592414	CHR2:13592414	SSF x LoA	-8,91451276	-0,030	0,314
CHR2	13592451	CHR2:13592451	SSF x LoA	-7,25587406	-0,030	0,312
CHR2	13592455	CHR2:13592455	SSF x LoA	-9,17754714	-0,068	0,303
CHR2	13592461	CHR2:13592461	SSF x LoA	-9,91177536	0,002	0,306
CHR2	13592492	CHR2:13592492	SSF x LoA	-8,45740911	-0,059	0,316
CHR2	13592515	CHR2:13592515	SSF x LoA	-7,53899024	-0,029	0,310
CHR2	13592560	CHR2:13592560	SSF x LoA	-7,14767724	-0,097	0,316
CHR2	13592567	CHR2:13592567	SSF x LoA	-5,99131559	-0,144	0,304
CHR2	13592585	CHR2:13592585	SSF x LoA	-8,32083562	-0,056	0,312
CHR2	13592592	CHR2:13592592	SSF x LoA	-8,01024899	-0,099	0,306
CHR2	13592608	CHR2:13592608	SSF x LoA	-8,85813683	-0,063	0,308
CHR2	13592627	CHR2:13592627	SSF x LoA	-9,00865528	-0,085	0,289
CHR2	13592653	CHR2:13592653	SSF x LoA	-8,91092363	-0,001	0,321
CHR2	13592719	CHR2:13592719	SSF x LoA	-9,16558357	0,028	0,289
CHR2	13592742	CHR2:13592742	SSF x LoA	-7,94829329	-0,025	0,303
CHR2	13596913	CHR2:13596913	SSF x LoA	-9,802319	-0,020	0,312
CHR2	13596927	CHR2:13596927	SSF x LoA	-9,17937145	0,093	0,302
CHR2	13596976	CHR2:13596976	SSF x LoA	-11,0039692	-0,059	0,311
CHR2	13596997	CHR2:13596997	SSF x LoA	-7,50117688	-0,021	0,305
CHR2	13597031	CHR2:13597031	SSF x LoA	-7,43922355	0,025	0,314
CHR2	13597032	CHR2:13597032	SSF x LoA	-9,21107731	-0,043	0,301
CHR2	13597033	CHR2:13597033	SSF x LoA	-10,6962229	-0,077	0,300
CHR2	13600337	CHR2:13600337	SSF x LoA	-10,8130138	-0,057	0,311
CHR2	13600504	CHR2:13600504	SSF x LoA	-8,14092257	0,039	0,307
CHR2	13600589	CHR2:13600589	SSF x LoA	-8,75991612	0,075	0,310
CHR2	13602907	CHR2:13602907	SSF x LoA	-8,94347281	0,018	0,300
CHR2	13602966	CHR2:13602966	SSF x LoA	-9,4646773	0,116	0,309
CHR2	13602983	CHR2:13602983	SSF x LoA	-10,59824	0,129	0,309
CHR2	13603003	CHR2:13603003	SSF x LoA	-9,04882519	0,035	0,307
CHR2	13603024	CHR2:13603024	SSF x LoA	-7,27085713	0,002	0,315
CHR2	13603338	CHR2:13603338	SSF x LoA	-9,28366638	-0,087	0,291
CHR2	13607466	CHR2:13607466	SSF x LoA	-10,692613	-0,035	0,317
CHR2	13607600	CHR2:13607600	SSF x LoA	-7,13936809	0,072	0,303
CHR2	13611630	CHR2:13611630	SSF x LoA	-10,5761996	-0,032	0,309
CHR2	13611711	CHR2:13611711	SSF x LoA	-6,77601836	0,113	0,307
CHR2	13613220	CHR2:13613220	SSF x LoA	-7,34346273	0,042	0,321
CHR2	13613241	CHR2:13613241	SSF x LoA	-7,85539402	-0,072	0,305
CHR2	13613261	CHR2:13613261	SSF x LoA	-6,15999039	-0,094	0,315
CHR2	13618909	CHR2:13618909	SSF x LoA	-9,79022599	-0,011	0,313
CHR2	13618912	CHR2:13618912	SSF x LoA	-7,62159373	-0,011	0,305
CHR2	13619006	CHR2:13619006	SSF x LoA	-6,75119571	-0,027	0,309
CHR2	13619069	CHR2:13619069	SSF x LoA	-9,77275797	-0,043	0,297
CHR2	13619087	CHR2:13619087	SSF x LoA	-9,46365542	0,112	0,301
CHR2	13619088	CHR2:13619088	SSF x LoA	-10,8832483	0,066	0,302
CHR2	13623917	CHR2:13623917	SSF x LoA	-7,63121106	-0,093	0,299
CHR2	13624022	CHR2:13624022	SSF x LoA	-11,0411208	0,128	0,302
CHR2	13624031	CHR2:13624031	SSF x LoA	-10,4356576	0,094	0,304
CHR2	13626477	CHR2:13626477	SSF x LoA	-8,86253936	-0,078	0,314
CHR2	13631974	CHR2:13631974	SSF x LoA	4,60035276	-0,009	0,311

CHR2	13632035	CHR2:13632035	SSF x LoA	-9,56472186	0,020	0,308
CHR2	13632082	CHR2:13632082	SSF x LoA	-11,0261252	-0,067	0,308
CHR2	13633774	CHR2:13633774	SSF x LoA	-11,0716386	-0,013	0,302
CHR2	13633800	CHR2:13633800	SSF x LoA	-8,65820616	-0,054	0,309
CHR2	13633881	CHR2:13633881	SSF x LoA	-8,30352907	-0,128	0,300
CHR2	13644921	CHR2:13644921	SSF x LoA	-10,3881228	0,073	0,311
CHR2	13648420	CHR2:13648420	SSF x LoA	-8,68718892	-0,014	0,314
CHR2	13648479	CHR2:13648479	SSF x LoA	-6,20015868	-0,022	0,317
CHR2	13657842	CHR2:13657842	SSF x LoA	-10,3098933	0,031	0,307
CHR2	13657921	CHR2:13657921	SSF x LoA	-11,0916007	0,055	0,311
CHR2	13657927	CHR2:13657927	SSF x LoA	-10,0243071	-0,043	0,298
CHR2	1366412	CHR2:1366412	SSF x LoA	-9,10356548	-0,053	0,308
CHR2	13667611	CHR2:13667611	SSF x LoA	-8,38010783	0,101	0,312
CHR2	13672123	CHR2:13672123	SSF x LoA	-9,87438117	0,046	0,326
CHR2	1370071	CHR2:1370071	SSF x LoA	-8,74667133	-0,143	0,297
CHR2	1370138	CHR2:1370138	SSF x LoA	-10,4104163	-0,008	0,288
CHR2	13711916	CHR2:13711916	SSF x LoA	-11,1996854	0,028	0,313
CHR2	13711939	CHR2:13711939	SSF x LoA	-8,82143577	0,062	0,294
CHR2	13712384	CHR2:13712384	SSF x LoA	-8,7938555	-0,055	0,301
CHR2	13712407	CHR2:13712407	SSF x LoA	-10,1686653	0,094	0,300
CHR2	13714093	CHR2:13714093	SSF x LoA	-10,3549778	-0,094	0,312
CHR2	13718323	CHR2:13718323	SSF x LoA	-7,12786404	0,073	0,302
CHR2	13718332	CHR2:13718332	SSF x LoA	-9,77069353	0,030	0,304
CHR2	13724379	CHR2:13724379	SSF x LoA	-6,47875886	-0,025	0,312
CHR2	13725817	CHR2:13725817	SSF x LoA	-9,20133463	-0,053	0,305
CHR2	13740675	CHR2:13740675	SSF x LoA	-9,63052236	0,103	0,285
CHR2	13740828	CHR2:13740828	SSF x LoA	-10,6579974	-0,020	0,287
CHR2	13740860	CHR2:13740860	SSF x LoA	-9,60167623	-0,017	0,314
CHR2	13740998	CHR2:13740998	SSF x LoA	-10,0275587	-0,027	0,311
CHR2	13741033	CHR2:13741033	SSF x LoA	-10,3654605	-0,064	0,294
CHR2	13744845	CHR2:13744845	SSF x LoA	-12,5732472	-0,029	0,296
CHR2	13744892	CHR2:13744892	SSF x LoA	-8,49454475	-0,087	0,311
CHR2	13745093	CHR2:13745093	SSF x LoA	-0,78069526	-0,119	0,302
CHR2	13745110	CHR2:13745110	SSF x LoA	-8,04463967	-0,040	0,309
CHR2	13750164	CHR2:13750164	SSF x LoA	-7,97097709	-0,142	0,303
CHR2	13750230	CHR2:13750230	SSF x LoA	-9,05491385	-0,132	0,290
CHR2	13750299	CHR2:13750299	SSF x LoA	-7,69585107	-0,106	0,297
CHR2	13750350	CHR2:13750350	SSF x LoA	-8,18351215	0,141	0,297
CHR2	13752263	CHR2:13752263	SSF x LoA	-8,34592229	0,029	0,309
CHR2	13752420	CHR2:13752420	SSF x LoA	-6,38927279	-0,203	0,286
CHR2	13752481	CHR2:13752481	SSF x LoA	-8,55679135	-0,052	0,306
CHR2	13756739	CHR2:13756739	SSF x LoA	-11,8762471	-0,084	0,294
CHR2	13756799	CHR2:13756799	SSF x LoA	-9,06489894	0,035	0,306
CHR2	13766256	CHR2:13766256	SSF x LoA	-8,73193309	0,155	0,307
CHR2	13774530	CHR2:13774530	SSF x LoA	-6,89657921	-0,019	0,313
CHR2	13774584	CHR2:13774584	SSF x LoA	-6,24936919	-0,145	0,306
CHR2	13774585	CHR2:13774585	SSF x LoA	-5,4527411	-0,124	0,312
CHR2	13774613	CHR2:13774613	SSF x LoA	-9,56313064	-0,048	0,331
CHR2	13774619	CHR2:13774619	SSF x LoA	-5,24859406	0,128	0,303
CHR2	13774665	CHR2:13774665	SSF x LoA	-10,1670677	0,022	0,312
CHR2	13774702	CHR2:13774702	SSF x LoA	-10,8973453	0,035	0,302
CHR2	13774719	CHR2:13774719	SSF x LoA	-9,67917197	0,053	0,309
CHR2	13776437	CHR2:13776437	SSF x LoA	-10,8238705	0,086	0,294

CHR2	13776557	CHR2:13776557	SSF x LoA	-7,81242425	-0,025	0,302
CHR2	13779864	CHR2:13779864	SSF x LoA	-9,05304278	0,030	0,302
CHR2	13779866	CHR2:13779866	SSF x LoA	-9,86440864	-0,091	0,305
CHR2	13779867	CHR2:13779867	SSF x LoA	-2,3352968	0,085	0,304
CHR2	13779964	CHR2:13779964	SSF x LoA	-9,9755578	0,023	0,308
CHR2	13779972	CHR2:13779972	SSF x LoA	-8,58342388	0,029	0,318
CHR2	13779976	CHR2:13779976	SSF x LoA	-9,55131318	-0,002	0,307
CHR2	13780028	CHR2:13780028	SSF x LoA	-9,30756203	0,038	0,305
CHR2	13780036	CHR2:13780036	SSF x LoA	-8,39824456	0,055	0,302
CHR2	13780183	CHR2:13780183	SSF x LoA	-9,80915446	-0,099	0,304
CHR2	13780230	CHR2:13780230	SSF x LoA	-9,07551135	0,124	0,303
CHR2	13783659	CHR2:13783659	SSF x LoA	-10,7837428	0,068	0,309
CHR2	13783773	CHR2:13783773	SSF x LoA	-9,80751635	-0,004	0,312
CHR2	13787833	CHR2:13787833	SSF x LoA	-8,77675394	-0,102	0,313
CHR2	13787865	CHR2:13787865	SSF x LoA	-6,39833666	-0,009	0,311
CHR2	13787869	CHR2:13787869	SSF x LoA	-9,14633195	-0,021	0,314
CHR2	13788042	CHR2:13788042	SSF x LoA	-11,3853152	0,022	0,307
CHR2	13792847	CHR2:13792847	SSF x LoA	-9,02912635	0,016	0,303
CHR2	13792946	CHR2:13792946	SSF x LoA	-9,24326197	0,044	0,304
CHR2	13797652	CHR2:13797652	SSF x LoA	-8,98421548	0,105	0,289
CHR2	13797745	CHR2:13797745	SSF x LoA	-10,914963	0,022	0,309
CHR2	13797838	CHR2:13797838	SSF x LoA	-9,84525688	-0,026	0,305
CHR2	13799198	CHR2:13799198	SSF x LoA	-8,05723529	0,174	0,300
CHR2	13799212	CHR2:13799212	SSF x LoA	-11,0590676	0,041	0,300
CHR2	13799269	CHR2:13799269	SSF x LoA	-7,90811962	-0,130	0,305
CHR2	13799371	CHR2:13799371	SSF x LoA	-8,88011263	-0,056	0,301
CHR2	13803426	CHR2:13803426	SSF x LoA	-12,142072	0,003	0,307
CHR2	13803991	CHR2:13803991	SSF x LoA	-8,63627465	-0,061	0,306
CHR2	13803994	CHR2:13803994	SSF x LoA	-10,5586	0,034	0,309
CHR2	13803999	CHR2:13803999	SSF x LoA	-9,67022206	-0,058	0,313
CHR2	13804041	CHR2:13804041	SSF x LoA	-7,40313693	-0,116	0,294
CHR2	13805508	CHR2:13805508	SSF x LoA	0,59522642	-0,223	0,280
CHR2	13805560	CHR2:13805560	SSF x LoA	-8,19734005	0,019	0,305
CHR2	13806393	CHR2:13806393	SSF x LoA	-10,8114867	-0,043	0,308
CHR2	13806397	CHR2:13806397	SSF x LoA	-11,1690678	0,090	0,305
CHR2	13806403	CHR2:13806403	SSF x LoA	-11,5732627	-0,003	0,302
CHR2	13806417	CHR2:13806417	SSF x LoA	-5,98014779	-0,071	0,304
CHR2	13806419	CHR2:13806419	SSF x LoA	-8,14808177	0,041	0,314
CHR2	13806421	CHR2:13806421	SSF x LoA	-11,8008339	-0,033	0,299
CHR2	13806437	CHR2:13806437	SSF x LoA	-11,9466105	-0,025	0,299
CHR2	13809824	CHR2:13809824	SSF x LoA	-9,15549352	-0,022	0,316
CHR2	13814471	CHR2:13814471	SSF x LoA	-9,21204395	0,031	0,307
CHR2	13814498	CHR2:13814498	SSF x LoA	-7,50533355	0,088	0,312
CHR2	13814499	CHR2:13814499	SSF x LoA	-9,53794589	-0,043	0,317
CHR2	13814508	CHR2:13814508	SSF x LoA	-10,3337996	-0,021	0,311
CHR2	13814514	CHR2:13814514	SSF x LoA	-11,5858959	-0,032	0,313
CHR2	13814541	CHR2:13814541	SSF x LoA	-8,30072657	0,051	0,300
CHR2	13814574	CHR2:13814574	SSF x LoA	-5,35822389	0,104	0,290
CHR2	13814590	CHR2:13814590	SSF x LoA	-10,0949572	-0,047	0,306
CHR2	13819126	CHR2:13819126	SSF x LoA	-9,70909209	-0,086	0,300
CHR2	13819200	CHR2:13819200	SSF x LoA	-9,2815927	-0,135	0,287
CHR2	13819260	CHR2:13819260	SSF x LoA	-8,94218909	-0,011	0,326
CHR2	13823868	CHR2:13823868	SSF x LoA	-9,57760171	-0,006	0,308

CHR2	13823889	CHR2:13823889	SSF x LoA	-6,28106408	0,059	0,298
CHR2	13823892	CHR2:13823892	SSF x LoA	-9,83298832	0,079	0,316
CHR2	13824010	CHR2:13824010	SSF x LoA	-7,02361342	0,039	0,320
CHR2	13824044	CHR2:13824044	SSF x LoA	-7,44903409	-0,056	0,295
CHR2	13824068	CHR2:13824068	SSF x LoA	-9,58833759	-0,034	0,298
CHR2	13824130	CHR2:13824130	SSF x LoA	-9,23882667	-0,062	0,314
CHR2	13825954	CHR2:13825954	SSF x LoA	-7,57307596	0,022	0,310
CHR2	13826036	CHR2:13826036	SSF x LoA	-10,6156406	-0,007	0,304
CHR2	13826799	CHR2:13826799	SSF x LoA	-2,20440521	0,071	0,300
CHR2	13834589	CHR2:13834589	SSF x LoA	-2,84050172	-0,108	0,309
CHR2	13834590	CHR2:13834590	SSF x LoA	-7,92034554	-0,101	0,299
CHR2	13834596	CHR2:13834596	SSF x LoA	-10,1984688	-0,013	0,324
CHR2	13834597	CHR2:13834597	SSF x LoA	-10,9704063	-0,029	0,316
CHR2	13834607	CHR2:13834607	SSF x LoA	-10,0818726	0,013	0,310
CHR2	13834654	CHR2:13834654	SSF x LoA	-9,60495013	-0,039	0,307
CHR2	13844324	CHR2:13844324	SSF x LoA	-10,5035453	0,009	0,300
CHR2	13844327	CHR2:13844327	SSF x LoA	-6,37609754	0,137	0,289
CHR2	13844362	CHR2:13844362	SSF x LoA	-1,45344376	-0,136	0,306
CHR2	13844378	CHR2:13844378	SSF x LoA	-10,3784552	0,102	0,301
CHR2	13844429	CHR2:13844429	SSF x LoA	-7,86543566	-0,044	0,315
CHR2	13853391	CHR2:13853391	SSF x LoA	-8,25776252	0,077	0,307
CHR2	13857062	CHR2:13857062	SSF x LoA	-11,8984016	0,028	0,285
CHR2	13857075	CHR2:13857075	SSF x LoA	-9,05163561	0,090	0,294
CHR2	13860663	CHR2:13860663	SSF x LoA	-9,098434	-0,013	0,307
CHR2	13860705	CHR2:13860705	SSF x LoA	-6,87898162	-0,024	0,311
CHR2	13860708	CHR2:13860708	SSF x LoA	-8,84852427	-0,011	0,316
CHR2	13860714	CHR2:13860714	SSF x LoA	-8,9784383	0,014	0,308
CHR2	13860759	CHR2:13860759	SSF x LoA	-9,0311316	-0,034	0,310
CHR2	13864936	CHR2:13864936	SSF x LoA	-8,58431199	0,073	0,304
CHR2	13864941	CHR2:13864941	SSF x LoA	-9,37031659	0,119	0,305
CHR2	13864966	CHR2:13864966	SSF x LoA	-6,27500257	0,121	0,308
CHR2	13866714	CHR2:13866714	SSF x LoA	-10,4972618	-0,138	0,299
CHR2	13866841	CHR2:13866841	SSF x LoA	-9,46977312	-0,058	0,307
CHR2	13866854	CHR2:13866854	SSF x LoA	-9,31355774	0,103	0,279
CHR2	13866863	CHR2:13866863	SSF x LoA	-7,1709857	-0,151	0,286
CHR2	13869684	CHR2:13869684	SSF x LoA	-8,70202991	-0,010	0,306
CHR2	13869960	CHR2:13869960	SSF x LoA	-11,381022	-0,003	0,303
CHR2	13874357	CHR2:13874357	SSF x LoA	-9,23451503	-0,031	0,307
CHR2	13874362	CHR2:13874362	SSF x LoA	-10,1752943	0,013	0,321
CHR2	13879196	CHR2:13879196	SSF x LoA	-10,0485297	0,018	0,311
CHR2	13879232	CHR2:13879232	SSF x LoA	-8,93009901	0,020	0,309
CHR2	13879255	CHR2:13879255	SSF x LoA	-8,66380836	0,024	0,316
CHR2	13879260	CHR2:13879260	SSF x LoA	-10,4374676	-0,088	0,316
CHR2	13883960	CHR2:13883960	SSF x LoA	-9,91248469	0,129	0,307
CHR2	13883961	CHR2:13883961	SSF x LoA	-9,72816395	0,035	0,297
CHR2	13883987	CHR2:13883987	SSF x LoA	-10,0771291	0,094	0,300
CHR2	13884782	CHR2:13884782	SSF x LoA	-10,9059434	-0,024	0,311
CHR2	13884783	CHR2:13884783	SSF x LoA	-7,80197804	0,110	0,304
CHR2	13884796	CHR2:13884796	SSF x LoA	-7,44367233	0,115	0,306
CHR2	13884825	CHR2:13884825	SSF x LoA	-6,71648638	0,131	0,309
CHR2	13884831	CHR2:13884831	SSF x LoA	-7,2440764	0,131	0,309
CHR2	13884873	CHR2:13884873	SSF x LoA	-10,3037342	-0,035	0,311
CHR2	13884883	CHR2:13884883	SSF x LoA	-12,0771171	0,009	0,304

CHR2	13884908	CHR2:13884908	SSF x LoA	-8,72291029	0,073	0,307
CHR2	13889135	CHR2:13889135	SSF x LoA	-9,49071376	-0,028	0,299
CHR2	13889178	CHR2:13889178	SSF x LoA	-8,48890967	0,063	0,302
CHR2	13889195	CHR2:13889195	SSF x LoA	-9,30910504	-0,091	0,305
CHR2	13889231	CHR2:13889231	SSF x LoA	-10,8996586	-0,063	0,297
CHR2	13889276	CHR2:13889276	SSF x LoA	-9,888825	0,054	0,304
CHR2	13889288	CHR2:13889288	SSF x LoA	-9,36151418	0,020	0,311
CHR2	13890492	CHR2:13890492	SSF x LoA	-11,7584826	0,018	0,307
CHR2	13890656	CHR2:13890656	SSF x LoA	-9,1229887	-0,027	0,301
CHR2	13890696	CHR2:13890696	SSF x LoA	-11,402139	0,028	0,273
CHR2	13896730	CHR2:13896730	SSF x LoA	-8,04084877	-0,063	0,309
CHR2	13896731	CHR2:13896731	SSF x LoA	-9,56306654	-0,069	0,315
CHR2	13896747	CHR2:13896747	SSF x LoA	-7,22883452	0,001	0,312
CHR2	13896897	CHR2:13896897	SSF x LoA	-10,2490786	-0,029	0,303
CHR2	13896904	CHR2:13896904	SSF x LoA	-9,15686781	0,000	0,302
CHR2	13896913	CHR2:13896913	SSF x LoA	-7,01878436	0,038	0,305
CHR2	13902641	CHR2:13902641	SSF x LoA	-11,6672469	0,024	0,308
CHR2	13908600	CHR2:13908600	SSF x LoA	-8,73196043	0,106	0,287
CHR2	13908609	CHR2:13908609	SSF x LoA	-7,12381025	-0,165	0,279
CHR2	13908736	CHR2:13908736	SSF x LoA	-9,56608543	-0,007	0,299
CHR2	13908760	CHR2:13908760	SSF x LoA	-6,10781624	-0,054	0,312
CHR2	13908779	CHR2:13908779	SSF x LoA	-10,827628	-0,118	0,292
CHR2	13908784	CHR2:13908784	SSF x LoA	-7,68423208	-0,135	0,307
CHR2	13908823	CHR2:13908823	SSF x LoA	-6,03481927	0,224	0,292
CHR2	13908824	CHR2:13908824	SSF x LoA	-7,75798527	0,223	0,281
CHR2	13941719	CHR2:13941719	SSF x LoA	-9,20111703	0,040	0,302
CHR2	13941754	CHR2:13941754	SSF x LoA	-10,0877857	0,042	0,304
CHR2	13955410	CHR2:13955410	SSF x LoA	-7,90840167	-0,090	0,307
CHR2	13955414	CHR2:13955414	SSF x LoA	-4,9346183	-0,095	0,307
CHR2	13955423	CHR2:13955423	SSF x LoA	-7,33827495	-0,078	0,311
CHR2	13955453	CHR2:13955453	SSF x LoA	-11,4910267	0,023	0,302
CHR2	13955489	CHR2:13955489	SSF x LoA	-11,8601994	0,015	0,316
CHR2	13956192	CHR2:13956192	SSF x LoA	-9,08212421	-0,036	0,305
CHR2	13956318	CHR2:13956318	SSF x LoA	-9,52003109	-0,100	0,315
CHR2	13956320	CHR2:13956320	SSF x LoA	-8,10724133	-0,098	0,310
CHR2	13956359	CHR2:13956359	SSF x LoA	-5,36130212	-0,071	0,295
CHR2	13956461	CHR2:13956461	SSF x LoA	-8,99995053	0,071	0,306
CHR2	13971978	CHR2:13971978	SSF x LoA	-10,5460072	-0,075	0,302
CHR2	13971989	CHR2:13971989	SSF x LoA	-6,46441357	-0,093	0,318
CHR2	13972028	CHR2:13972028	SSF x LoA	-9,29824478	0,035	0,305
CHR2	13972050	CHR2:13972050	SSF x LoA	-6,31217971	-0,036	0,312
CHR2	13972077	CHR2:13972077	SSF x LoA	-10,2789937	-0,027	0,304
CHR2	13972325	CHR2:13972325	SSF x LoA	-8,24754207	-0,070	0,313
CHR2	13972350	CHR2:13972350	SSF x LoA	-11,0223191	-0,053	0,308
CHR2	13972377	CHR2:13972377	SSF x LoA	-9,73444219	0,014	0,319
CHR2	13972432	CHR2:13972432	SSF x LoA	-7,06125959	0,093	0,302
CHR2	13972439	CHR2:13972439	SSF x LoA	-8,44732487	0,102	0,307
CHR2	13974619	CHR2:13974619	SSF x LoA	-10,6470781	-0,037	0,305
CHR2	13974624	CHR2:13974624	SSF x LoA	-9,99812285	0,059	0,297
CHR2	13975382	CHR2:13975382	SSF x LoA	-8,71241809	0,085	0,308
CHR2	13975450	CHR2:13975450	SSF x LoA	-8,55588568	0,106	0,292
CHR2	13975462	CHR2:13975462	SSF x LoA	-8,45295343	0,101	0,284
CHR2	13976747	CHR2:13976747	SSF x LoA	-7,63818512	-0,059	0,319

CHR2	13976803	CHR2:13976803	SSF x LoA	-10,9397868	-0,059	0,323
CHR2	13991692	CHR2:13991692	SSF x LoA	-10,7761058	-0,057	0,315
CHR2	13991710	CHR2:13991710	SSF x LoA	-8,85432107	0,068	0,311
CHR2	13991712	CHR2:13991712	SSF x LoA	-11,3367752	-0,039	0,321
CHR2	13991771	CHR2:13991771	SSF x LoA	2,03804809	-0,112	0,312
CHR2	13991808	CHR2:13991808	SSF x LoA	-9,79793153	-0,028	0,307
CHR2	13991849	CHR2:13991849	SSF x LoA	-6,58262116	0,075	0,303
CHR2	13993565	CHR2:13993565	SSF x LoA	-8,87669215	0,017	0,304
CHR2	13993632	CHR2:13993632	SSF x LoA	-10,8328941	0,042	0,303
CHR2	13993811	CHR2:13993811	SSF x LoA	-9,3869648	-0,002	0,301
CHR2	13995030	CHR2:13995030	SSF x LoA	-7,40652839	-0,053	0,305
CHR2	1399878	CHR2:1399878	SSF x LoA	-9,13877792	0,049	0,326
CHR2	14009627	CHR2:14009627	SSF x LoA	-8,89099463	-0,095	0,289
CHR2	14009674	CHR2:14009674	SSF x LoA	-7,33954035	-0,122	0,311
CHR2	14009680	CHR2:14009680	SSF x LoA	-9,5030142	0,066	0,310
CHR2	14023216	CHR2:14023216	SSF x LoA	-9,78744542	0,051	0,307
CHR2	14023217	CHR2:14023217	SSF x LoA	-9,76403891	0,074	0,300
CHR2	14023220	CHR2:14023220	SSF x LoA	-8,90712708	0,064	0,303
CHR2	14023235	CHR2:14023235	SSF x LoA	-8,14416631	-0,054	0,310
CHR2	14023450	CHR2:14023450	SSF x LoA	-8,88664285	0,023	0,323
CHR2	14028274	CHR2:14028274	SSF x LoA	-7,47930292	0,061	0,309
CHR2	14030968	CHR2:14030968	SSF x LoA	-11,8162919	0,068	0,293
CHR2	14032048	CHR2:14032048	SSF x LoA	-9,06716346	0,041	0,302
CHR2	14032060	CHR2:14032060	SSF x LoA	-9,02393454	0,033	0,316
CHR2	14032090	CHR2:14032090	SSF x LoA	-11,2626599	-0,021	0,308
CHR2	14033504	CHR2:14033504	SSF x LoA	-7,15652108	0,149	0,313
CHR2	14033637	CHR2:14033637	SSF x LoA	-7,85503199	-0,056	0,311
CHR2	14038038	CHR2:14038038	SSF x LoA	-7,4612149	-0,016	0,307
CHR2	14038067	CHR2:14038067	SSF x LoA	-9,01879824	0,033	0,310
CHR2	14038097	CHR2:14038097	SSF x LoA	-6,85456075	0,084	0,301
CHR2	14039361	CHR2:14039361	SSF x LoA	-9,01095064	0,014	0,307
CHR2	14039443	CHR2:14039443	SSF x LoA	-8,85648366	-0,029	0,307
CHR2	14039475	CHR2:14039475	SSF x LoA	-11,7405338	-0,044	0,295
CHR2	14042613	CHR2:14042613	SSF x LoA	-10,2593033	0,120	0,289
CHR2	14044694	CHR2:14044694	SSF x LoA	-8,95611041	0,036	0,309
CHR2	14044790	CHR2:14044790	SSF x LoA	-5,281557	-0,102	0,296
CHR2	14044803	CHR2:14044803	SSF x LoA	-8,65688931	-0,093	0,291
CHR2	14050766	CHR2:14050766	SSF x LoA	-11,1336514	0,055	0,317
CHR2	14056388	CHR2:14056388	SSF x LoA	-4,51137743	-0,087	0,315
CHR2	14059620	CHR2:14059620	SSF x LoA	-5,98595614	0,184	0,303
CHR2	14059814	CHR2:14059814	SSF x LoA	-4,52592182	-0,176	0,287
CHR2	14066048	CHR2:14066048	SSF x LoA	-11,8557814	-0,029	0,310
CHR2	14066073	CHR2:14066073	SSF x LoA	-9,62957404	-0,089	0,310
CHR2	14066160	CHR2:14066160	SSF x LoA	-10,5956912	0,042	0,306
CHR2	14074624	CHR2:14074624	SSF x LoA	1,30768859	-0,224	0,298
CHR2	1407464	CHR2:1407464	SSF x LoA	-6,30209846	-0,182	0,321
CHR2	14074678	CHR2:14074678	SSF x LoA	-9,52285908	0,110	0,302
CHR2	14074940	CHR2:14074940	SSF x LoA	-9,39011003	0,063	0,313
CHR2	14074946	CHR2:14074946	SSF x LoA	-8,59072337	0,095	0,313
CHR2	14074960	CHR2:14074960	SSF x LoA	-6,64523037	0,107	0,309
CHR2	14074986	CHR2:14074986	SSF x LoA	-9,78203899	0,057	0,296
CHR2	14075024	CHR2:14075024	SSF x LoA	-6,61596618	0,104	0,306
CHR2	1407579	CHR2:1407579	SSF x LoA	-9,49873356	-0,087	0,308

CHR2	14084684	CHR2:14084684	SSF x LoA	-8,72106892	0,105	0,315
CHR2	14110484	CHR2:14110484	SSF x LoA	-9,08552737	-0,045	0,292
CHR2	14110491	CHR2:14110491	SSF x LoA	-9,44861156	-0,093	0,293
CHR2	14110524	CHR2:14110524	SSF x LoA	-11,0576827	0,021	0,288
CHR2	14118437	CHR2:14118437	SSF x LoA	-6,15924786	0,129	0,307
CHR2	14118446	CHR2:14118446	SSF x LoA	-9,09470741	-0,195	0,293
CHR2	14118592	CHR2:14118592	SSF x LoA	-12,209432	-0,009	0,309
CHR2	14118602	CHR2:14118602	SSF x LoA	0,62570312	-0,202	0,298
CHR2	14120120	CHR2:14120120	SSF x LoA	-9,36785543	-0,097	0,314
CHR2	14120121	CHR2:14120121	SSF x LoA	-6,41818002	0,182	0,290
CHR2	14120199	CHR2:14120199	SSF x LoA	-6,810065	-0,103	0,308
CHR2	14122901	CHR2:14122901	SSF x LoA	-10,8506942	-0,048	0,301
CHR2	14122904	CHR2:14122904	SSF x LoA	-7,77385548	0,121	0,308
CHR2	14125573	CHR2:14125573	SSF x LoA	-8,37327456	-0,111	0,313
CHR2	14125687	CHR2:14125687	SSF x LoA	-7,20997567	0,154	0,306
CHR2	14136881	CHR2:14136881	SSF x LoA	-8,79461362	0,047	0,301
CHR2	14137032	CHR2:14137032	SSF x LoA	-1,98701006	0,224	0,295
CHR2	14140957	CHR2:14140957	SSF x LoA	-6,86988067	0,029	0,324
CHR2	14147395	CHR2:14147395	SSF x LoA	-8,94350889	0,035	0,314
CHR2	14147427	CHR2:14147427	SSF x LoA	-3,47841442	-0,045	0,311
CHR2	14149688	CHR2:14149688	SSF x LoA	-11,3680235	-0,011	0,318
CHR2	14159496	CHR2:14159496	SSF x LoA	-8,4349884	0,040	0,315
CHR2	14159871	CHR2:14159871	SSF x LoA	-10,2626646	-0,084	0,314
CHR2	14163548	CHR2:14163548	SSF x LoA	-11,5101748	0,054	0,311
CHR2	14163637	CHR2:14163637	SSF x LoA	-11,0904465	0,020	0,282
CHR2	14163648	CHR2:14163648	SSF x LoA	-8,01025691	-0,057	0,323
CHR2	14163708	CHR2:14163708	SSF x LoA	-8,54853003	-0,082	0,304
CHR2	14183943	CHR2:14183943	SSF x LoA	-4,685787	-0,134	0,291
CHR2	14183976	CHR2:14183976	SSF x LoA	-9,84571617	-0,099	0,297
CHR2	14184033	CHR2:14184033	SSF x LoA	-8,35229427	-0,109	0,298
CHR2	14184638	CHR2:14184638	SSF x LoA	-10,5799635	0,084	0,313
CHR2	14188727	CHR2:14188727	SSF x LoA	-8,84733493	0,088	0,297
CHR2	14191283	CHR2:14191283	SSF x LoA	-11,4390967	-0,036	0,307
CHR2	14191321	CHR2:14191321	SSF x LoA	-7,21317715	-0,101	0,309
CHR2	14191399	CHR2:14191399	SSF x LoA	-9,55903679	0,017	0,317
CHR2	1419924	CHR2:1419924	SSF x LoA	-8,3960011	0,107	0,309
CHR2	1420004	CHR2:1420004	SSF x LoA	-6,79752634	0,105	0,289
CHR2	1420055	CHR2:1420055	SSF x LoA	-10,084577	0,037	0,297
CHR2	1420072	CHR2:1420072	SSF x LoA	-8,63512972	-0,078	0,295
CHR2	1420075	CHR2:1420075	SSF x LoA	-8,54956327	-0,053	0,283
CHR2	1420082	CHR2:1420082	SSF x LoA	-8,71121226	0,066	0,308
CHR2	1420086	CHR2:1420086	SSF x LoA	-8,47580865	-0,043	0,299
CHR2	1420101	CHR2:1420101	SSF x LoA	-5,86890375	0,035	0,306
CHR2	1420156	CHR2:1420156	SSF x LoA	-8,89326579	0,006	0,300
CHR2	1420191	CHR2:1420191	SSF x LoA	-8,34260854	-0,108	0,306
CHR2	14223195	CHR2:14223195	SSF x LoA	-11,5539324	0,049	0,301
CHR2	14223239	CHR2:14223239	SSF x LoA	-7,32787461	-0,037	0,299
CHR2	14223430	CHR2:14223430	SSF x LoA	-11,1889737	-0,018	0,312
CHR2	14229725	CHR2:14229725	SSF x LoA	-8,14976398	-0,178	0,305
CHR2	14229727	CHR2:14229727	SSF x LoA	-8,91777954	-0,059	0,308
CHR2	14229769	CHR2:14229769	SSF x LoA	-4,8643606	0,175	0,310
CHR2	14229781	CHR2:14229781	SSF x LoA	-8,57468982	0,120	0,307
CHR2	14233735	CHR2:14233735	SSF x LoA	-10,431267	0,165	0,295

CHR2	14233736	CHR2:14233736	SSF x LoA	-10,9406245	0,034	0,312
CHR2	14233748	CHR2:14233748	SSF x LoA	-9,59959797	0,109	0,305
CHR2	14233792	CHR2:14233792	SSF x LoA	-8,45580833	-0,143	0,292
CHR2	14233864	CHR2:14233864	SSF x LoA	-11,9604334	-0,037	0,297
CHR2	14235413	CHR2:14235413	SSF x LoA	-10,4680462	0,124	0,310
CHR2	14235422	CHR2:14235422	SSF x LoA	-10,6029091	0,136	0,289
CHR2	14235454	CHR2:14235454	SSF x LoA	-10,0789161	-0,175	0,295
CHR2	14235753	CHR2:14235753	SSF x LoA	-10,5941779	-0,079	0,312
CHR2	14235785	CHR2:14235785	SSF x LoA	-6,30739928	-0,134	0,299
CHR2	14235813	CHR2:14235813	SSF x LoA	-7,60585665	0,105	0,305
CHR2	14240972	CHR2:14240972	SSF x LoA	-10,4913953	0,020	0,307
CHR2	14241069	CHR2:14241069	SSF x LoA	-11,405388	0,001	0,299
CHR2	14241122	CHR2:14241122	SSF x LoA	-10,1473149	0,088	0,311
CHR2	14246348	CHR2:14246348	SSF x LoA	-8,59986772	-0,123	0,301
CHR2	14246350	CHR2:14246350	SSF x LoA	-7,71035165	0,043	0,315
CHR2	14246415	CHR2:14246415	SSF x LoA	-10,3755115	-0,067	0,302
CHR2	14252807	CHR2:14252807	SSF x LoA	-8,48195967	0,136	0,300
CHR2	14254690	CHR2:14254690	SSF x LoA	-10,0759215	-0,121	0,302
CHR2	14254759	CHR2:14254759	SSF x LoA	-9,3504545	-0,121	0,319
CHR2	14254796	CHR2:14254796	SSF x LoA	-9,62939965	-0,129	0,312
CHR2	14254934	CHR2:14254934	SSF x LoA	-11,2260766	-0,089	0,309
CHR2	14257546	CHR2:14257546	SSF x LoA	-8,7369547	0,133	0,298
CHR2	14257667	CHR2:14257667	SSF x LoA	-9,30906326	0,025	0,309
CHR2	14274801	CHR2:14274801	SSF x LoA	-9,11960718	0,095	0,306
CHR2	14274845	CHR2:14274845	SSF x LoA	-9,74329956	0,006	0,309
CHR2	14274864	CHR2:14274864	SSF x LoA	-9,78422545	-0,057	0,307
CHR2	14274875	CHR2:14274875	SSF x LoA	-5,30192182	-0,018	0,310
CHR2	14274880	CHR2:14274880	SSF x LoA	-4,22439558	-0,067	0,308
CHR2	14274888	CHR2:14274888	SSF x LoA	-9,29777345	-0,030	0,319
CHR2	14274965	CHR2:14274965	SSF x LoA	-7,61895456	-0,048	0,313
CHR2	14274973	CHR2:14274973	SSF x LoA	-10,0595887	0,056	0,301
CHR2	14275019	CHR2:14275019	SSF x LoA	-8,31349277	0,001	0,319
CHR2	14280363	CHR2:14280363	SSF x LoA	-10,9748682	0,030	0,312
CHR2	14281046	CHR2:14281046	SSF x LoA	-11,0234546	-0,115	0,309
CHR2	14281061	CHR2:14281061	SSF x LoA	-8,96974813	0,048	0,300
CHR2	14282273	CHR2:14282273	SSF x LoA	-11,3835278	-0,036	0,295
CHR2	14289070	CHR2:14289070	SSF x LoA	-10,4543225	0,073	0,286
CHR2	14289187	CHR2:14289187	SSF x LoA	-7,63533396	0,024	0,315
CHR2	14297621	CHR2:14297621	SSF x LoA	-3,63695914	-0,051	0,306
CHR2	14297674	CHR2:14297674	SSF x LoA	-4,10412207	-0,076	0,302
CHR2	14297678	CHR2:14297678	SSF x LoA	-9,86952101	0,068	0,305
CHR2	14322172	CHR2:14322172	SSF x LoA	-9,77952975	0,080	0,296
CHR2	14322212	CHR2:14322212	SSF x LoA	-6,71000178	0,159	0,293
CHR2	14322233	CHR2:14322233	SSF x LoA	-8,50656605	0,119	0,305
CHR2	14322239	CHR2:14322239	SSF x LoA	-10,8971244	0,137	0,301
CHR2	14322245	CHR2:14322245	SSF x LoA	-7,57582018	0,161	0,296
CHR2	14322312	CHR2:14322312	SSF x LoA	-9,72456512	-0,005	0,325
CHR2	14322317	CHR2:14322317	SSF x LoA	-10,2182695	0,078	0,306
CHR2	14322321	CHR2:14322321	SSF x LoA	-8,49876315	0,006	0,309
CHR2	14324887	CHR2:14324887	SSF x LoA	-9,27015539	0,091	0,310
CHR2	14340959	CHR2:14340959	SSF x LoA	-9,70990191	-0,003	0,315
CHR2	1434420	CHR2:1434420	SSF x LoA	-10,8128861	0,064	0,287
CHR2	14349818	CHR2:14349818	SSF x LoA	-10,8372041	0,028	0,300

CHR2	14349822	CHR2:14349822	SSF x LoA	-11,4002673	-0,007	0,311
CHR2	14359235	CHR2:14359235	SSF x LoA	-9,58441244	-0,010	0,318
CHR2	14359287	CHR2:14359287	SSF x LoA	-8,04145177	0,001	0,292
CHR2	14359291	CHR2:14359291	SSF x LoA	-10,9290947	0,119	0,295
CHR2	14359295	CHR2:14359295	SSF x LoA	-2,46400375	0,007	0,302
CHR2	14359323	CHR2:14359323	SSF x LoA	-11,9606916	-0,008	0,315
CHR2	14359340	CHR2:14359340	SSF x LoA	-9,2859931	-0,028	0,309
CHR2	14359341	CHR2:14359341	SSF x LoA	-8,78772575	-0,015	0,299
CHR2	14359352	CHR2:14359352	SSF x LoA	-10,4902576	-0,001	0,306
CHR2	14364018	CHR2:14364018	SSF x LoA	-11,4620987	-0,016	0,310
CHR2	14364040	CHR2:14364040	SSF x LoA	-11,6050894	-0,063	0,302
CHR2	14364042	CHR2:14364042	SSF x LoA	-11,0142722	-0,069	0,311
CHR2	14364063	CHR2:14364063	SSF x LoA	-9,11213741	-0,027	0,304
CHR2	14364073	CHR2:14364073	SSF x LoA	-9,42171359	0,007	0,306
CHR2	14364076	CHR2:14364076	SSF x LoA	-9,92628058	0,001	0,318
CHR2	14364077	CHR2:14364077	SSF x LoA	-10,2019673	0,058	0,314
CHR2	14364180	CHR2:14364180	SSF x LoA	-9,01623741	0,061	0,311
CHR2	14364201	CHR2:14364201	SSF x LoA	-10,4507006	-0,012	0,301
CHR2	14364221	CHR2:14364221	SSF x LoA	-9,1767992	-0,075	0,330
CHR2	14364244	CHR2:14364244	SSF x LoA	-8,23996348	-0,009	0,298
CHR2	14364251	CHR2:14364251	SSF x LoA	-9,41340263	0,001	0,295
CHR2	14364272	CHR2:14364272	SSF x LoA	-9,05359788	-0,072	0,306
CHR2	14364273	CHR2:14364273	SSF x LoA	-9,73121022	0,038	0,313
CHR2	14367063	CHR2:14367063	SSF x LoA	-8,1151473	-0,059	0,307
CHR2	14367065	CHR2:14367065	SSF x LoA	-9,25710156	-0,048	0,316
CHR2	14372801	CHR2:14372801	SSF x LoA	-1,82646073	0,044	0,302
CHR2	14372841	CHR2:14372841	SSF x LoA	-10,6852895	-0,017	0,311
CHR2	14372901	CHR2:14372901	SSF x LoA	-6,29823285	0,077	0,302
CHR2	14372915	CHR2:14372915	SSF x LoA	-6,84512493	0,021	0,308
CHR2	14372916	CHR2:14372916	SSF x LoA	-8,05980638	0,116	0,305
CHR2	14374814	CHR2:14374814	SSF x LoA	-7,91885818	-0,052	0,323
CHR2	14377725	CHR2:14377725	SSF x LoA	-11,5938374	0,024	0,302
CHR2	14377823	CHR2:14377823	SSF x LoA	-8,70892841	0,005	0,302
CHR2	14379121	CHR2:14379121	SSF x LoA	-9,04134779	-0,145	0,305
CHR2	14385906	CHR2:14385906	SSF x LoA	-8,47793494	-0,048	0,299
CHR2	1439606	CHR2:1439606	SSF x LoA	-10,0228533	0,057	0,308
CHR2	14397435	CHR2:14397435	SSF x LoA	-10,2804224	-0,036	0,302
CHR2	14397547	CHR2:14397547	SSF x LoA	-6,53974271	0,018	0,293
CHR2	14397580	CHR2:14397580	SSF x LoA	-8,013461	0,170	0,305
CHR2	14397638	CHR2:14397638	SSF x LoA	-6,03514431	-0,191	0,293
CHR2	14397650	CHR2:14397650	SSF x LoA	-8,36169289	0,047	0,321
CHR2	14397652	CHR2:14397652	SSF x LoA	-4,96520789	0,067	0,310
CHR2	14397668	CHR2:14397668	SSF x LoA	-11,5474173	-0,030	0,305
CHR2	14397674	CHR2:14397674	SSF x LoA	-10,9294021	0,016	0,309
CHR2	14397723	CHR2:14397723	SSF x LoA	-7,9535725	0,039	0,319
CHR2	14397727	CHR2:14397727	SSF x LoA	-8,23353131	-0,091	0,301
CHR2	14397754	CHR2:14397754	SSF x LoA	-10,71015	0,090	0,320
CHR2	14397758	CHR2:14397758	SSF x LoA	-9,72204876	0,009	0,289
CHR2	14397765	CHR2:14397765	SSF x LoA	-7,38010031	0,065	0,313
CHR2	14401168	CHR2:14401168	SSF x LoA	-11,1889168	-0,011	0,313
CHR2	14401181	CHR2:14401181	SSF x LoA	-8,62885352	-0,118	0,315
CHR2	14401183	CHR2:14401183	SSF x LoA	-5,20075584	0,099	0,295
CHR2	14401227	CHR2:14401227	SSF x LoA	-9,84222447	-0,109	0,309

CHR2	14401273	CHR2:14401273	SSF x LoA	-6,74935907	-0,126	0,313
CHR2	14401278	CHR2:14401278	SSF x LoA	-7,2770328	-0,102	0,294
CHR2	14412268	CHR2:14412268	SSF x LoA	-11,52852	0,009	0,299
CHR2	14417032	CHR2:14417032	SSF x LoA	-4,03186184	-0,025	0,294
CHR2	14417083	CHR2:14417083	SSF x LoA	-9,67919088	0,118	0,297
CHR2	14417095	CHR2:14417095	SSF x LoA	-7,35084861	0,019	0,306
CHR2	14419012	CHR2:14419012	SSF x LoA	-10,4658671	-0,001	0,306
CHR2	14419034	CHR2:14419034	SSF x LoA	-11,122725	-0,005	0,308
CHR2	14419101	CHR2:14419101	SSF x LoA	-9,01550126	-0,146	0,298
CHR2	14419102	CHR2:14419102	SSF x LoA	-7,58853501	-0,145	0,304
CHR2	14419103	CHR2:14419103	SSF x LoA	-7,25929191	-0,160	0,304
CHR2	14425273	CHR2:14425273	SSF x LoA	-11,2148133	-0,040	0,301
CHR2	14425276	CHR2:14425276	SSF x LoA	-7,49627564	0,051	0,313
CHR2	14425326	CHR2:14425326	SSF x LoA	-8,18975423	-0,111	0,303
CHR2	14425339	CHR2:14425339	SSF x LoA	-10,9556948	-0,059	0,303
CHR2	14426770	CHR2:14426770	SSF x LoA	-10,0814543	0,097	0,302
CHR2	14426822	CHR2:14426822	SSF x LoA	-8,1425022	-0,081	0,309
CHR2	14426831	CHR2:14426831	SSF x LoA	-7,68156726	-0,076	0,321
CHR2	14426837	CHR2:14426837	SSF x LoA	-3,50805523	-0,089	0,304
CHR2	14426840	CHR2:14426840	SSF x LoA	-7,11780564	0,157	0,290
CHR2	14426841	CHR2:14426841	SSF x LoA	-5,34843057	0,200	0,301
CHR2	14426846	CHR2:14426846	SSF x LoA	-12,1589079	-0,041	0,308
CHR2	14426867	CHR2:14426867	SSF x LoA	-11,6478685	-0,018	0,296
CHR2	14426876	CHR2:14426876	SSF x LoA	-10,3932893	0,055	0,304
CHR2	14426879	CHR2:14426879	SSF x LoA	-10,4323904	0,031	0,309
CHR2	14426887	CHR2:14426887	SSF x LoA	-8,81213999	0,045	0,322
CHR2	14426900	CHR2:14426900	SSF x LoA	-10,8231674	0,056	0,311
CHR2	14426907	CHR2:14426907	SSF x LoA	-10,7853984	0,024	0,305
CHR2	14426975	CHR2:14426975	SSF x LoA	-10,6269104	-0,087	0,307
CHR2	14433539	CHR2:14433539	SSF x LoA	-10,843597	0,114	0,292
CHR2	14433721	CHR2:14433721	SSF x LoA	-7,40741808	0,032	0,308
CHR2	14435616	CHR2:14435616	SSF x LoA	-7,41448209	-0,061	0,300
CHR2	14435648	CHR2:14435648	SSF x LoA	-10,557284	-0,001	0,305
CHR2	14441678	CHR2:14441678	SSF x LoA	-9,87295777	-0,040	0,289
CHR2	14441713	CHR2:14441713	SSF x LoA	-9,46200397	-0,054	0,308
CHR2	14442054	CHR2:14442054	SSF x LoA	-8,5226383	0,073	0,306
CHR2	14442082	CHR2:14442082	SSF x LoA	-10,4866194	-0,121	0,294
CHR2	14442117	CHR2:14442117	SSF x LoA	-11,0849367	0,019	0,315
CHR2	14442187	CHR2:14442187	SSF x LoA	-11,5480722	-0,007	0,305
CHR2	1444866	CHR2:1444866	SSF x LoA	-9,49395476	-0,140	0,301
CHR2	1444875	CHR2:1444875	SSF x LoA	-6,69417266	-0,110	0,304
CHR2	1444883	CHR2:1444883	SSF x LoA	-11,6272916	0,060	0,304
CHR2	1444889	CHR2:1444889	SSF x LoA	-8,47076358	0,005	0,320
CHR2	1444910	CHR2:1444910	SSF x LoA	-4,76748247	-0,016	0,301
CHR2	1444915	CHR2:1444915	SSF x LoA	-11,0330438	0,023	0,311
CHR2	1444916	CHR2:1444916	SSF x LoA	-10,766225	0,035	0,308
CHR2	1444924	CHR2:1444924	SSF x LoA	-11,6140114	-0,019	0,305
CHR2	1444928	CHR2:1444928	SSF x LoA	-9,68111742	0,003	0,314
CHR2	1444946	CHR2:1444946	SSF x LoA	-9,17646696	-0,034	0,307
CHR2	1444957	CHR2:1444957	SSF x LoA	-8,73572583	0,038	0,309
CHR2	1444961	CHR2:1444961	SSF x LoA	-6,01542451	-0,134	0,314
CHR2	1444982	CHR2:1444982	SSF x LoA	-9,19787871	0,001	0,298
CHR2	1444987	CHR2:1444987	SSF x LoA	-7,22650763	-0,065	0,308

CHR2	1445077	CHR2:1445077	SSF x LoA	-11,4543988	-0,033	0,303
CHR2	1445118	CHR2:1445118	SSF x LoA	-9,92894644	-0,034	0,305
CHR2	14451412	CHR2:14451412	SSF x LoA	-9,32745026	0,131	0,315
CHR2	1447003	CHR2:1447003	SSF x LoA	-8,79379242	-0,109	0,317
CHR2	1447007	CHR2:1447007	SSF x LoA	-10,7400132	0,102	0,305
CHR2	1447065	CHR2:1447065	SSF x LoA	-7,86251959	0,021	0,297
CHR2	1447069	CHR2:1447069	SSF x LoA	-8,55814778	0,024	0,306
CHR2	1447108	CHR2:1447108	SSF x LoA	-9,86362379	0,019	0,306
CHR2	1447112	CHR2:1447112	SSF x LoA	-8,26284173	0,048	0,312
CHR2	1447115	CHR2:1447115	SSF x LoA	-8,87900772	-0,002	0,306
CHR2	1447165	CHR2:1447165	SSF x LoA	-10,0912333	-0,042	0,309
CHR2	1447168	CHR2:1447168	SSF x LoA	-10,0595961	0,071	0,302
CHR2	1447180	CHR2:1447180	SSF x LoA	-9,95166336	0,004	0,289
CHR2	1447210	CHR2:1447210	SSF x LoA	-10,1420787	-0,055	0,304
CHR2	1447229	CHR2:1447229	SSF x LoA	-9,49351793	0,003	0,307
CHR2	14479540	CHR2:14479540	SSF x LoA	-8,17166276	-0,084	0,301
CHR2	14479545	CHR2:14479545	SSF x LoA	-7,09368265	0,070	0,304
CHR2	14479561	CHR2:14479561	SSF x LoA	-11,3705609	-0,059	0,309
CHR2	14479564	CHR2:14479564	SSF x LoA	-8,020698	-0,125	0,309
CHR2	14479608	CHR2:14479608	SSF x LoA	-6,64649777	0,069	0,300
CHR2	14479647	CHR2:14479647	SSF x LoA	-10,6640886	0,066	0,303
CHR2	14485511	CHR2:14485511	SSF x LoA	-10,4881108	0,028	0,297
CHR2	14485515	CHR2:14485515	SSF x LoA	-11,5984578	0,001	0,313
CHR2	14485520	CHR2:14485520	SSF x LoA	-11,1436626	0,018	0,312
CHR2	14485521	CHR2:14485521	SSF x LoA	-11,6756751	0,015	0,303
CHR2	14485529	CHR2:14485529	SSF x LoA	-12,0439126	0,008	0,306
CHR2	14485532	CHR2:14485532	SSF x LoA	-12,1752614	0,018	0,304
CHR2	14485597	CHR2:14485597	SSF x LoA	-10,4265016	0,074	0,301
CHR2	14490376	CHR2:14490376	SSF x LoA	-11,8815701	-0,031	0,298
CHR2	14490800	CHR2:14490800	SSF x LoA	-10,3126048	-0,014	0,321
CHR2	14490820	CHR2:14490820	SSF x LoA	-7,14460563	-0,030	0,319
CHR2	14490853	CHR2:14490853	SSF x LoA	-8,54423855	-0,059	0,310
CHR2	14490863	CHR2:14490863	SSF x LoA	-11,2322996	-0,019	0,314
CHR2	14490869	CHR2:14490869	SSF x LoA	-8,36873745	0,117	0,305
CHR2	14490876	CHR2:14490876	SSF x LoA	-8,31107652	0,104	0,302
CHR2	14498113	CHR2:14498113	SSF x LoA	-9,7031397	-0,009	0,288
CHR2	14498176	CHR2:14498176	SSF x LoA	-11,3335801	0,034	0,304
CHR2	14498193	CHR2:14498193	SSF x LoA	-5,64087341	-0,175	0,292
CHR2	14498195	CHR2:14498195	SSF x LoA	-7,82911822	-0,171	0,294
CHR2	14508105	CHR2:14508105	SSF x LoA	-7,77069306	0,046	0,303
CHR2	14508106	CHR2:14508106	SSF x LoA	-8,36844697	-0,049	0,306
CHR2	14508109	CHR2:14508109	SSF x LoA	-8,05058064	-0,083	0,305
CHR2	14508141	CHR2:14508141	SSF x LoA	-10,3454135	0,029	0,317
CHR2	14508175	CHR2:14508175	SSF x LoA	-6,65663915	-0,118	0,290
CHR2	14508196	CHR2:14508196	SSF x LoA	-7,17996086	-0,096	0,298
CHR2	14508576	CHR2:14508576	SSF x LoA	-10,5135837	0,110	0,311
CHR2	14508577	CHR2:14508577	SSF x LoA	-7,39076762	-0,136	0,302
CHR2	14508615	CHR2:14508615	SSF x LoA	-4,98700389	0,051	0,304
CHR2	14508624	CHR2:14508624	SSF x LoA	-7,01418762	-0,164	0,314
CHR2	14508654	CHR2:14508654	SSF x LoA	-7,74507736	-0,146	0,304
CHR2	14523367	CHR2:14523367	SSF x LoA	-5,71855137	-0,131	0,304
CHR2	14523375	CHR2:14523375	SSF x LoA	-7,46030166	0,100	0,300
CHR2	14523392	CHR2:14523392	SSF x LoA	-2,93496369	0,096	0,310

CHR2	14523415	CHR2:14523415	SSF x LoA	-9,68296564	-0,115	0,302
CHR2	14523435	CHR2:14523435	SSF x LoA	-10,5602165	-0,036	0,307
CHR2	14523454	CHR2:14523454	SSF x LoA	-9,88638123	-0,005	0,305
CHR2	1452686	CHR2:1452686	SSF x LoA	-9,73806581	-0,111	0,309
CHR2	1452950	CHR2:1452950	SSF x LoA	-9,53255969	-0,097	0,303
CHR2	1452986	CHR2:1452986	SSF x LoA	-12,4133687	0,013	0,308
CHR2	1452992	CHR2:1452992	SSF x LoA	-8,94714666	0,012	0,311
CHR2	1452993	CHR2:1452993	SSF x LoA	-8,85404236	-0,081	0,305
CHR2	1453043	CHR2:1453043	SSF x LoA	-7,50490881	0,189	0,294
CHR2	1453083	CHR2:1453083	SSF x LoA	-7,5829971	0,108	0,293
CHR2	14547609	CHR2:14547609	SSF x LoA	-8,13091409	0,070	0,309
CHR2	14547612	CHR2:14547612	SSF x LoA	-8,53889439	0,055	0,306
CHR2	14547619	CHR2:14547619	SSF x LoA	-2,83573001	0,148	0,296
CHR2	14547718	CHR2:14547718	SSF x LoA	-7,2274689	-0,077	0,321
CHR2	14547729	CHR2:14547729	SSF x LoA	-6,36109084	0,044	0,302
CHR2	14547742	CHR2:14547742	SSF x LoA	-7,24603374	0,075	0,302
CHR2	14547823	CHR2:14547823	SSF x LoA	-8,99642804	-0,019	0,317
CHR2	14547845	CHR2:14547845	SSF x LoA	-8,49470333	-0,034	0,306
CHR2	14547870	CHR2:14547870	SSF x LoA	-8,60416671	-0,051	0,318
CHR2	14547904	CHR2:14547904	SSF x LoA	-9,25173291	-0,101	0,299
CHR2	14547910	CHR2:14547910	SSF x LoA	-8,94096976	-0,023	0,305
CHR2	14553828	CHR2:14553828	SSF x LoA	-6,11048227	0,075	0,306
CHR2	14553899	CHR2:14553899	SSF x LoA	-11,4878082	0,004	0,299
CHR2	14553917	CHR2:14553917	SSF x LoA	-5,40200088	-0,178	0,304
CHR2	14553949	CHR2:14553949	SSF x LoA	-7,92463345	-0,059	0,301
CHR2	14553958	CHR2:14553958	SSF x LoA	-9,18278832	-0,024	0,289
CHR2	14553971	CHR2:14553971	SSF x LoA	-8,89328542	-0,053	0,307
CHR2	14553973	CHR2:14553973	SSF x LoA	-8,66864303	-0,131	0,315
CHR2	14554025	CHR2:14554025	SSF x LoA	-7,16976755	-0,049	0,302
CHR2	1455509	CHR2:1455509	SSF x LoA	-10,5405371	0,036	0,322
CHR2	1455511	CHR2:1455511	SSF x LoA	-10,4411524	0,025	0,316
CHR2	14572598	CHR2:14572598	SSF x LoA	-10,7112356	0,042	0,301
CHR2	14572603	CHR2:14572603	SSF x LoA	-10,0696133	0,054	0,311
CHR2	14572604	CHR2:14572604	SSF x LoA	-8,92955821	-0,020	0,300
CHR2	14572615	CHR2:14572615	SSF x LoA	-12,2647423	0,052	0,290
CHR2	14572623	CHR2:14572623	SSF x LoA	-10,7255291	0,023	0,314
CHR2	14572627	CHR2:14572627	SSF x LoA	-11,1543145	0,018	0,312
CHR2	14572652	CHR2:14572652	SSF x LoA	-9,46651221	-0,032	0,303
CHR2	14572747	CHR2:14572747	SSF x LoA	-8,59551864	-0,013	0,314
CHR2	14572768	CHR2:14572768	SSF x LoA	-9,13130508	0,004	0,321
CHR2	14572828	CHR2:14572828	SSF x LoA	-7,76437003	-0,069	0,304
CHR2	14572838	CHR2:14572838	SSF x LoA	-9,8240661	0,126	0,303
CHR2	14572839	CHR2:14572839	SSF x LoA	-12,464557	-0,010	0,306
CHR2	14572856	CHR2:14572856	SSF x LoA	-9,17707997	0,024	0,305
CHR2	14586841	CHR2:14586841	SSF x LoA	-9,63982752	-0,039	0,320
CHR2	14586945	CHR2:14586945	SSF x LoA	-10,7796958	-0,078	0,306
CHR2	14586962	CHR2:14586962	SSF x LoA	-8,48075812	-0,030	0,304
CHR2	14599932	CHR2:14599932	SSF x LoA	-9,97764999	-0,108	0,305
CHR2	14599959	CHR2:14599959	SSF x LoA	-9,76526191	0,039	0,301
CHR2	14600083	CHR2:14600083	SSF x LoA	-2,83830431	-0,144	0,300
CHR2	14600090	CHR2:14600090	SSF x LoA	-9,55530153	0,078	0,313
CHR2	14600220	CHR2:14600220	SSF x LoA	-6,40096372	0,144	0,297
CHR2	14600228	CHR2:14600228	SSF x LoA	-10,9479119	-0,076	0,303

CHR2	14600265	CHR2:14600265	SSF x LoA	-11,8775982	0,031	0,310
CHR2	14605240	CHR2:14605240	SSF x LoA	-8,52690603	0,044	0,312
CHR2	14605273	CHR2:14605273	SSF x LoA	-5,80584501	0,040	0,304
CHR2	14605460	CHR2:14605460	SSF x LoA	-1,67938038	-0,065	0,291
CHR2	14605486	CHR2:14605486	SSF x LoA	-10,1711351	-0,053	0,318
CHR2	14608583	CHR2:14608583	SSF x LoA	-10,0038746	0,067	0,305
CHR2	14608603	CHR2:14608603	SSF x LoA	-8,72379788	0,044	0,315
CHR2	14608624	CHR2:14608624	SSF x LoA	-10,1416607	0,116	0,308
CHR2	14608627	CHR2:14608627	SSF x LoA	-7,91691028	0,022	0,315
CHR2	14608644	CHR2:14608644	SSF x LoA	-8,274003	-0,014	0,300
CHR2	14608658	CHR2:14608658	SSF x LoA	-3,88062058	-0,063	0,303
CHR2	14630189	CHR2:14630189	SSF x LoA	-8,37276967	-0,031	0,303
CHR2	14632994	CHR2:14632994	SSF x LoA	-7,20993258	-0,008	0,322
CHR2	14632998	CHR2:14632998	SSF x LoA	-10,6742082	-0,057	0,314
CHR2	14633013	CHR2:14633013	SSF x LoA	-11,1031642	-0,059	0,310
CHR2	14633080	CHR2:14633080	SSF x LoA	-7,54047082	0,084	0,307
CHR2	14633094	CHR2:14633094	SSF x LoA	-8,1438344	0,052	0,310
CHR2	14633156	CHR2:14633156	SSF x LoA	-9,65230307	0,057	0,310
CHR2	14639155	CHR2:14639155	SSF x LoA	-9,24798583	-0,036	0,316
CHR2	14639235	CHR2:14639235	SSF x LoA	-7,56606906	-0,033	0,297
CHR2	14661815	CHR2:14661815	SSF x LoA	-10,0056806	0,049	0,319
CHR2	14661853	CHR2:14661853	SSF x LoA	-9,18253384	0,114	0,296
CHR2	14661905	CHR2:14661905	SSF x LoA	-9,86263515	0,008	0,317
CHR2	14662001	CHR2:14662001	SSF x LoA	-10,1810088	-0,011	0,302
CHR2	14662012	CHR2:14662012	SSF x LoA	-10,3704368	-0,006	0,300
CHR2	14662037	CHR2:14662037	SSF x LoA	8,84285304	-0,181	0,310
CHR2	14662044	CHR2:14662044	SSF x LoA	-9,92290251	-0,024	0,311
CHR2	14662056	CHR2:14662056	SSF x LoA	-10,6704969	-0,036	0,309
CHR2	14662090	CHR2:14662090	SSF x LoA	-9,27257291	-0,013	0,302
CHR2	14711004	CHR2:14711004	SSF x LoA	-9,20947306	0,059	0,305
CHR2	14711012	CHR2:14711012	SSF x LoA	-11,1006877	-0,012	0,301
CHR2	14711017	CHR2:14711017	SSF x LoA	-10,204791	0,023	0,313
CHR2	14711018	CHR2:14711018	SSF x LoA	-10,9332857	0,032	0,300
CHR2	14711019	CHR2:14711019	SSF x LoA	-8,26056796	-0,093	0,309
CHR2	14711054	CHR2:14711054	SSF x LoA	-9,8395875	-0,060	0,325
CHR2	14711070	CHR2:14711070	SSF x LoA	-2,31925761	-0,087	0,309
CHR2	14711097	CHR2:14711097	SSF x LoA	-10,0442187	-0,108	0,304
CHR2	14711101	CHR2:14711101	SSF x LoA	-9,92948666	0,034	0,315
CHR2	14711118	CHR2:14711118	SSF x LoA	-10,6152569	-0,026	0,304
CHR2	14713393	CHR2:14713393	SSF x LoA	-9,28844899	-0,071	0,309
CHR2	14713395	CHR2:14713395	SSF x LoA	-8,98079952	-0,094	0,316
CHR2	14713402	CHR2:14713402	SSF x LoA	-9,47576495	0,058	0,302
CHR2	14713407	CHR2:14713407	SSF x LoA	-9,62941214	0,010	0,292
CHR2	14713414	CHR2:14713414	SSF x LoA	-7,04930454	-0,058	0,308
CHR2	14713439	CHR2:14713439	SSF x LoA	-10,1991246	-0,091	0,301
CHR2	14713442	CHR2:14713442	SSF x LoA	-8,30772062	0,115	0,311
CHR2	14719359	CHR2:14719359	SSF x LoA	-8,19887947	-0,037	0,320
CHR2	14719416	CHR2:14719416	SSF x LoA	-9,26139027	-0,053	0,306
CHR2	14723152	CHR2:14723152	SSF x LoA	-11,0577972	0,017	0,284
CHR2	14723243	CHR2:14723243	SSF x LoA	-9,96097032	-0,022	0,306
CHR2	14723259	CHR2:14723259	SSF x LoA	-8,10933241	0,061	0,307
CHR2	14723311	CHR2:14723311	SSF x LoA	-9,70295228	-0,009	0,321
CHR2	14723320	CHR2:14723320	SSF x LoA	-9,89667893	-0,030	0,319

CHR2	14724818	CHR2:14724818	SSF x LoA	-9,21068342	-0,134	0,296
CHR2	14724868	CHR2:14724868	SSF x LoA	-8,38007712	-0,023	0,317
CHR2	14724871	CHR2:14724871	SSF x LoA	-8,92125416	0,057	0,303
CHR2	14742785	CHR2:14742785	SSF x LoA	-9,52262523	-0,040	0,294
CHR2	14742807	CHR2:14742807	SSF x LoA	-9,7727954	0,009	0,309
CHR2	14742825	CHR2:14742825	SSF x LoA	-10,1051996	-0,064	0,306
CHR2	14747105	CHR2:14747105	SSF x LoA	-8,25802213	0,017	0,306
CHR2	14748478	CHR2:14748478	SSF x LoA	-9,91421234	0,053	0,302
CHR2	14748511	CHR2:14748511	SSF x LoA	-11,1105181	-0,034	0,303
CHR2	14748514	CHR2:14748514	SSF x LoA	-10,8921776	-0,027	0,303
CHR2	14748601	CHR2:14748601	SSF x LoA	-10,8462092	-0,086	0,306
CHR2	14762872	CHR2:14762872	SSF x LoA	-8,57526893	-0,064	0,302
CHR2	14762874	CHR2:14762874	SSF x LoA	-6,93950387	-0,051	0,298
CHR2	14762890	CHR2:14762890	SSF x LoA	-10,2617151	0,021	0,303
CHR2	14762962	CHR2:14762962	SSF x LoA	-8,53748711	-0,077	0,308
CHR2	14765693	CHR2:14765693	SSF x LoA	-10,1187593	0,069	0,300
CHR2	14765709	CHR2:14765709	SSF x LoA	-5,79195339	-0,093	0,305
CHR2	14765711	CHR2:14765711	SSF x LoA	-8,38589028	0,097	0,303
CHR2	14765734	CHR2:14765734	SSF x LoA	-8,43122863	-0,027	0,302
CHR2	14765796	CHR2:14765796	SSF x LoA	-12,4898793	-0,041	0,279
CHR2	14773232	CHR2:14773232	SSF x LoA	-10,1723397	-0,051	0,294
CHR2	14773272	CHR2:14773272	SSF x LoA	-7,60175545	-0,050	0,302
CHR2	14773295	CHR2:14773295	SSF x LoA	-10,687586	0,130	0,304
CHR2	14773303	CHR2:14773303	SSF x LoA	-8,42851103	-0,122	0,309
CHR2	14773310	CHR2:14773310	SSF x LoA	-9,79887798	-0,073	0,315
CHR2	14773360	CHR2:14773360	SSF x LoA	-8,73929718	-0,048	0,298
CHR2	14774961	CHR2:14774961	SSF x LoA	-9,9572925	-0,005	0,306
CHR2	14806582	CHR2:14806582	SSF x LoA	-9,36751554	-0,016	0,316
CHR2	14806608	CHR2:14806608	SSF x LoA	-11,3683135	-0,107	0,293
CHR2	14806610	CHR2:14806610	SSF x LoA	-8,806758	-0,143	0,304
CHR2	14806650	CHR2:14806650	SSF x LoA	-9,75012751	-0,053	0,305
CHR2	14806673	CHR2:14806673	SSF x LoA	-11,0312804	-0,064	0,316
CHR2	14820561	CHR2:14820561	SSF x LoA	-8,61351399	0,066	0,308
CHR2	14820566	CHR2:14820566	SSF x LoA	-8,56167082	-0,022	0,302
CHR2	14820568	CHR2:14820568	SSF x LoA	-8,32502985	-0,022	0,321
CHR2	14820641	CHR2:14820641	SSF x LoA	-6,68742396	0,105	0,318
CHR2	14820779	CHR2:14820779	SSF x LoA	-2,98168413	-0,073	0,320
CHR2	14822706	CHR2:14822706	SSF x LoA	-7,17025311	0,182	0,298
CHR2	14828021	CHR2:14828021	SSF x LoA	-8,69216532	-0,109	0,311
CHR2	14834716	CHR2:14834716	SSF x LoA	-11,3467868	0,032	0,311
CHR2	14834764	CHR2:14834764	SSF x LoA	-8,17061474	0,072	0,309
CHR2	14834844	CHR2:14834844	SSF x LoA	-9,61416153	-0,041	0,300
CHR2	14835802	CHR2:14835802	SSF x LoA	-10,9149503	-0,063	0,311
CHR2	14841869	CHR2:14841869	SSF x LoA	-6,95625931	0,144	0,297
CHR2	14841960	CHR2:14841960	SSF x LoA	-9,61660614	0,037	0,320
CHR2	14842353	CHR2:14842353	SSF x LoA	-10,2300203	-0,050	0,311
CHR2	14842366	CHR2:14842366	SSF x LoA	-8,99617466	-0,092	0,319
CHR2	14842444	CHR2:14842444	SSF x LoA	-9,57199213	0,110	0,304
CHR2	14844146	CHR2:14844146	SSF x LoA	-7,74483927	-0,134	0,324
CHR2	14844151	CHR2:14844151	SSF x LoA	-7,51080306	0,077	0,319
CHR2	14844176	CHR2:14844176	SSF x LoA	-11,5454005	0,048	0,295
CHR2	14844177	CHR2:14844177	SSF x LoA	-8,46539514	-0,032	0,302
CHR2	14844225	CHR2:14844225	SSF x LoA	-10,6626895	-0,044	0,308

CHR2	14844385	CHR2:14844385	SSF x LoA	-9,92224634	0,089	0,302
CHR2	14850433	CHR2:14850433	SSF x LoA	-10,3295903	-0,052	0,313
CHR2	14850475	CHR2:14850475	SSF x LoA	-9,91640483	-0,026	0,297
CHR2	14850689	CHR2:14850689	SSF x LoA	-9,96127786	-0,103	0,299
CHR2	14850690	CHR2:14850690	SSF x LoA	-9,70933341	-0,103	0,311
CHR2	14850694	CHR2:14850694	SSF x LoA	-9,94551073	-0,091	0,311
CHR2	14850697	CHR2:14850697	SSF x LoA	-9,91779023	-0,068	0,313
CHR2	14850712	CHR2:14850712	SSF x LoA	-9,86005495	-0,063	0,307
CHR2	14851944	CHR2:14851944	SSF x LoA	-10,8596324	-0,054	0,304
CHR2	14851965	CHR2:14851965	SSF x LoA	-8,41051961	-0,065	0,306
CHR2	14851997	CHR2:14851997	SSF x LoA	-10,3409201	0,044	0,315
CHR2	14852008	CHR2:14852008	SSF x LoA	-8,8867163	-0,074	0,298
CHR2	14852032	CHR2:14852032	SSF x LoA	-9,6923936	0,014	0,306
CHR2	14852073	CHR2:14852073	SSF x LoA	-7,84428152	0,032	0,314
CHR2	14852106	CHR2:14852106	SSF x LoA	-10,9251534	0,039	0,301
CHR2	14852145	CHR2:14852145	SSF x LoA	-10,9409201	-0,074	0,303
CHR2	14852187	CHR2:14852187	SSF x LoA	-11,5339012	-0,072	0,296
CHR2	14852208	CHR2:14852208	SSF x LoA	-8,50280938	-0,007	0,315
CHR2	14856910	CHR2:14856910	SSF x LoA	-10,9812025	0,053	0,292
CHR2	14856966	CHR2:14856966	SSF x LoA	-8,87297124	-0,006	0,319
CHR2	14857004	CHR2:14857004	SSF x LoA	-5,22140228	0,186	0,302
CHR2	14857056	CHR2:14857056	SSF x LoA	-10,720181	-0,103	0,300
CHR2	14857070	CHR2:14857070	SSF x LoA	-6,25889889	0,189	0,316
CHR2	14857094	CHR2:14857094	SSF x LoA	-10,5731171	-0,084	0,311
CHR2	14857100	CHR2:14857100	SSF x LoA	-11,0599725	-0,082	0,317
CHR2	14857174	CHR2:14857174	SSF x LoA	-9,13155588	0,030	0,310
CHR2	14860715	CHR2:14860715	SSF x LoA	-9,88484188	-0,043	0,304
CHR2	14860738	CHR2:14860738	SSF x LoA	-10,9623737	-0,079	0,305
CHR2	14860818	CHR2:14860818	SSF x LoA	-10,2694685	0,006	0,316
CHR2	14865244	CHR2:14865244	SSF x LoA	-9,30977333	-0,037	0,310
CHR2	14865279	CHR2:14865279	SSF x LoA	-9,70887393	-0,023	0,309
CHR2	14867025	CHR2:14867025	SSF x LoA	-11,6087351	-0,032	0,301
CHR2	14867033	CHR2:14867033	SSF x LoA	-10,588713	-0,002	0,308
CHR2	14867047	CHR2:14867047	SSF x LoA	-9,07966368	-0,014	0,311
CHR2	14867110	CHR2:14867110	SSF x LoA	-8,77466342	-0,075	0,309
CHR2	14869643	CHR2:14869643	SSF x LoA	-9,16948864	0,009	0,311
CHR2	14869736	CHR2:14869736	SSF x LoA	-9,33490849	0,032	0,303
CHR2	14883715	CHR2:14883715	SSF x LoA	-8,14499958	0,027	0,308
CHR2	14883741	CHR2:14883741	SSF x LoA	-8,75424132	-0,039	0,312
CHR2	14883761	CHR2:14883761	SSF x LoA	-9,03390753	0,004	0,294
CHR2	14883763	CHR2:14883763	SSF x LoA	-9,70619736	-0,013	0,325
CHR2	14883805	CHR2:14883805	SSF x LoA	-10,5718569	0,009	0,291
CHR2	14890942	CHR2:14890942	SSF x LoA	-4,66555789	-0,102	0,295
CHR2	14891017	CHR2:14891017	SSF x LoA	-11,574781	-0,008	0,300
CHR2	1489226	CHR2:1489226	SSF x LoA	-10,4032141	-0,045	0,319
CHR2	1489459	CHR2:1489459	SSF x LoA	-11,1006238	-0,083	0,296
CHR2	14897498	CHR2:14897498	SSF x LoA	-7,67968434	-0,016	0,319
CHR2	14897562	CHR2:14897562	SSF x LoA	-9,72153755	-0,005	0,307
CHR2	14897578	CHR2:14897578	SSF x LoA	-8,36963253	-0,022	0,306
CHR2	14897580	CHR2:14897580	SSF x LoA	-9,0073118	0,000	0,310
CHR2	14897585	CHR2:14897585	SSF x LoA	-7,03628981	-0,001	0,317
CHR2	14897596	CHR2:14897596	SSF x LoA	-7,91743002	0,015	0,313
CHR2	14897610	CHR2:14897610	SSF x LoA	-9,08684694	0,005	0,316

CHR2	14897613	CHR2:14897613	SSF x LoA	-8,55996066	-0,011	0,319
CHR2	14897616	CHR2:14897616	SSF x LoA	-9,1105504	0,000	0,326
CHR2	14906598	CHR2:14906598	SSF x LoA	-11,0402068	0,016	0,296
CHR2	14906602	CHR2:14906602	SSF x LoA	-7,41589634	0,126	0,290
CHR2	14906615	CHR2:14906615	SSF x LoA	-6,26441216	-0,027	0,302
CHR2	14906649	CHR2:14906649	SSF x LoA	-9,2650882	-0,019	0,297
CHR2	14906683	CHR2:14906683	SSF x LoA	-9,46768564	-0,006	0,297
CHR2	14906686	CHR2:14906686	SSF x LoA	-10,8428593	-0,002	0,314
CHR2	14907025	CHR2:14907025	SSF x LoA	-6,61821729	0,078	0,304
CHR2	14907038	CHR2:14907038	SSF x LoA	-6,59699022	0,100	0,319
CHR2	14907114	CHR2:14907114	SSF x LoA	-9,29939328	-0,094	0,296
CHR2	14907139	CHR2:14907139	SSF x LoA	-7,36895237	0,104	0,313
CHR2	14911393	CHR2:14911393	SSF x LoA	-11,0445411	-0,047	0,308
CHR2	14911443	CHR2:14911443	SSF x LoA	-10,1872483	-0,049	0,300
CHR2	14914470	CHR2:14914470	SSF x LoA	-9,63943316	-0,013	0,320
CHR2	14914533	CHR2:14914533	SSF x LoA	-9,15665802	-0,053	0,297
CHR2	14914539	CHR2:14914539	SSF x LoA	-6,66815266	-0,006	0,308
CHR2	14914553	CHR2:14914553	SSF x LoA	-11,4413574	-0,026	0,295
CHR2	14921724	CHR2:14921724	SSF x LoA	-6,66816681	-0,014	0,293
CHR2	14921729	CHR2:14921729	SSF x LoA	-8,68099602	-0,008	0,298
CHR2	14926875	CHR2:14926875	SSF x LoA	-8,76610217	-0,051	0,306
CHR2	14926968	CHR2:14926968	SSF x LoA	-11,0072602	-0,041	0,290
CHR2	14927124	CHR2:14927124	SSF x LoA	-9,74741142	0,038	0,299
CHR2	14930585	CHR2:14930585	SSF x LoA	-10,9739474	0,026	0,315
CHR2	14930589	CHR2:14930589	SSF x LoA	-10,1163114	0,049	0,302
CHR2	14930602	CHR2:14930602	SSF x LoA	-9,131765	-0,113	0,317
CHR2	14930753	CHR2:14930753	SSF x LoA	-3,40709901	0,017	0,305
CHR2	14933842	CHR2:14933842	SSF x LoA	-10,7895111	0,060	0,318
CHR2	14933861	CHR2:14933861	SSF x LoA	-10,1555302	0,051	0,313
CHR2	14933881	CHR2:14933881	SSF x LoA	-9,94363302	0,075	0,308
CHR2	14933894	CHR2:14933894	SSF x LoA	-6,12775333	0,128	0,300
CHR2	14933898	CHR2:14933898	SSF x LoA	-7,77167667	0,092	0,314
CHR2	14933942	CHR2:14933942	SSF x LoA	-8,71582531	0,046	0,313
CHR2	14933955	CHR2:14933955	SSF x LoA	-7,00724634	0,107	0,309
CHR2	14934292	CHR2:14934292	SSF x LoA	-6,58756731	0,014	0,322
CHR2	14937259	CHR2:14937259	SSF x LoA	-8,24929754	0,027	0,285
CHR2	14957130	CHR2:14957130	SSF x LoA	-8,53266253	-0,054	0,307
CHR2	14957180	CHR2:14957180	SSF x LoA	-8,20316621	0,075	0,298
CHR2	14957184	CHR2:14957184	SSF x LoA	-11,5882641	0,061	0,314
CHR2	14957294	CHR2:14957294	SSF x LoA	-8,99962381	-0,018	0,309
CHR2	14957395	CHR2:14957395	SSF x LoA	-9,49300561	0,022	0,306
CHR2	14957440	CHR2:14957440	SSF x LoA	-8,5281283	-0,041	0,303
CHR2	14959345	CHR2:14959345	SSF x LoA	-8,86937129	-0,007	0,308
CHR2	14964091	CHR2:14964091	SSF x LoA	-8,93049528	-0,133	0,308
CHR2	14971033	CHR2:14971033	SSF x LoA	-7,95506905	-0,011	0,315
CHR2	1497379	CHR2:1497379	SSF x LoA	-10,1080212	0,012	0,309
CHR2	14978255	CHR2:14978255	SSF x LoA	-8,94506175	-0,040	0,306
CHR2	14978371	CHR2:14978371	SSF x LoA	-6,34850822	-0,012	0,320
CHR2	14994214	CHR2:14994214	SSF x LoA	-10,7463547	-0,028	0,310
CHR2	14994327	CHR2:14994327	SSF x LoA	-6,39137827	-0,170	0,295
CHR2	14998254	CHR2:14998254	SSF x LoA	-9,85169836	-0,046	0,303
CHR2	15000921	CHR2:15000921	SSF x LoA	-11,4774829	-0,060	0,299
CHR2	15003079	CHR2:15003079	SSF x LoA	-6,59373482	-0,145	0,316

CHR2	15003545	CHR2:15003545	SSF x LoA	-11,6911394	-0,083	0,312
CHR2	15007394	CHR2:15007394	SSF x LoA	-8,64292792	0,047	0,312
CHR2	15018729	CHR2:15018729	SSF x LoA	-9,69013518	-0,060	0,317
CHR2	15018772	CHR2:15018772	SSF x LoA	-8,9417379	0,019	0,314
CHR2	15018833	CHR2:15018833	SSF x LoA	-11,3395714	-0,068	0,304
CHR2	15018834	CHR2:15018834	SSF x LoA	-9,94138639	0,036	0,300
CHR2	15022834	CHR2:15022834	SSF x LoA	-9,60975042	0,002	0,312
CHR2	15022856	CHR2:15022856	SSF x LoA	-4,79660718	-0,012	0,298
CHR2	15023080	CHR2:15023080	SSF x LoA	-10,9010552	-0,095	0,303
CHR2	15023087	CHR2:15023087	SSF x LoA	-3,49594761	-0,220	0,292
CHR2	15023104	CHR2:15023104	SSF x LoA	-5,07574246	-0,192	0,299
CHR2	15023121	CHR2:15023121	SSF x LoA	-8,15722721	-0,201	0,295
CHR2	15023129	CHR2:15023129	SSF x LoA	-6,02215284	-0,205	0,299
CHR2	15023154	CHR2:15023154	SSF x LoA	-10,6805573	0,119	0,310
CHR2	15026798	CHR2:15026798	SSF x LoA	-11,8533134	0,062	0,293
CHR2	15026934	CHR2:15026934	SSF x LoA	-8,33058458	0,100	0,293
CHR2	15026935	CHR2:15026935	SSF x LoA	-8,81030723	0,065	0,305
CHR2	15030009	CHR2:15030009	SSF x LoA	-9,49093401	0,069	0,324
CHR2	15030851	CHR2:15030851	SSF x LoA	-7,76112728	-0,150	0,293
CHR2	15030857	CHR2:15030857	SSF x LoA	-0,2168359	0,144	0,294
CHR2	15030917	CHR2:15030917	SSF x LoA	-10,0705757	-0,129	0,289
CHR2	15030982	CHR2:15030982	SSF x LoA	-7,2463812	0,157	0,295
CHR2	15031009	CHR2:15031009	SSF x LoA	-5,88239886	0,105	0,293
CHR2	15031030	CHR2:15031030	SSF x LoA	-5,92683046	-0,152	0,292
CHR2	15039119	CHR2:15039119	SSF x LoA	-5,31503499	-0,096	0,303
CHR2	15039154	CHR2:15039154	SSF x LoA	-5,86191459	-0,116	0,288
CHR2	15039175	CHR2:15039175	SSF x LoA	-8,0368836	-0,108	0,291
CHR2	15039248	CHR2:15039248	SSF x LoA	-9,09474334	0,138	0,302
CHR2	15039274	CHR2:15039274	SSF x LoA	-10,6003946	0,035	0,292
CHR2	15039307	CHR2:15039307	SSF x LoA	-5,72930568	-0,063	0,320
CHR2	15039328	CHR2:15039328	SSF x LoA	-9,01365594	-0,014	0,297
CHR2	15043122	CHR2:15043122	SSF x LoA	-11,4154827	-0,023	0,305
CHR2	15043161	CHR2:15043161	SSF x LoA	-4,36752387	0,132	0,317
CHR2	15043176	CHR2:15043176	SSF x LoA	-10,0176275	-0,132	0,281
CHR2	15043181	CHR2:15043181	SSF x LoA	-6,60396486	0,153	0,298
CHR2	15044983	CHR2:15044983	SSF x LoA	-8,45716976	-0,075	0,299
CHR2	1505980	CHR2:1505980	SSF x LoA	-11,2360757	0,103	0,311
CHR2	1505984	CHR2:1505984	SSF x LoA	-9,21408492	-0,005	0,302
CHR2	15060270	CHR2:15060270	SSF x LoA	-9,51668688	-0,079	0,301
CHR2	15060272	CHR2:15060272	SSF x LoA	-6,49429024	-0,088	0,318
CHR2	15060291	CHR2:15060291	SSF x LoA	-10,5531693	-0,116	0,292
CHR2	15060304	CHR2:15060304	SSF x LoA	-7,74927111	0,032	0,311
CHR2	1506041	CHR2:1506041	SSF x LoA	-5,10846665	-0,136	0,316
CHR2	15060553	CHR2:15060553	SSF x LoA	-8,70643246	0,044	0,307
CHR2	15060566	CHR2:15060566	SSF x LoA	-9,61049399	0,020	0,296
CHR2	15060624	CHR2:15060624	SSF x LoA	-7,44068287	0,045	0,309
CHR2	15068992	CHR2:15068992	SSF x LoA	-8,42432439	0,067	0,308
CHR2	15069136	CHR2:15069136	SSF x LoA	-9,47148758	0,067	0,302
CHR2	1507802	CHR2:1507802	SSF x LoA	-10,912876	0,042	0,306
CHR2	1507835	CHR2:1507835	SSF x LoA	-5,08596128	-0,133	0,304
CHR2	1507985	CHR2:1507985	SSF x LoA	-7,93323619	0,017	0,303
CHR2	1507992	CHR2:1507992	SSF x LoA	-9,56243537	-0,103	0,320
CHR2	1508008	CHR2:1508008	SSF x LoA	-10,3518583	0,016	0,308

CHR2	1508051	CHR2:1508051	SSF x LoA	-8,35039179	0,089	0,306
CHR2	15081354	CHR2:15081354	SSF x LoA	-10,0938953	-0,122	0,297
CHR2	15081408	CHR2:15081408	SSF x LoA	-10,4841569	0,031	0,303
CHR2	15081532	CHR2:15081532	SSF x LoA	-8,95578539	0,004	0,304
CHR2	15095189	CHR2:15095189	SSF x LoA	-6,40486109	-0,039	0,301
CHR2	15095205	CHR2:15095205	SSF x LoA	-6,98128341	-0,063	0,307
CHR2	15095244	CHR2:15095244	SSF x LoA	-11,3848923	-0,064	0,298
CHR2	15095252	CHR2:15095252	SSF x LoA	-10,1684989	-0,119	0,290
CHR2	15095266	CHR2:15095266	SSF x LoA	-8,12681231	0,066	0,307
CHR2	15095340	CHR2:15095340	SSF x LoA	-8,44091988	0,006	0,314
CHR2	15095370	CHR2:15095370	SSF x LoA	-8,13318739	-0,026	0,305
CHR2	15106758	CHR2:15106758	SSF x LoA	-9,49397854	0,059	0,307
CHR2	15106762	CHR2:15106762	SSF x LoA	-9,75893609	0,084	0,300
CHR2	15106773	CHR2:15106773	SSF x LoA	-11,5544338	-0,097	0,297
CHR2	15106777	CHR2:15106777	SSF x LoA	-10,6514251	-0,048	0,297
CHR2	15106949	CHR2:15106949	SSF x LoA	-10,542315	-0,114	0,303
CHR2	15106951	CHR2:15106951	SSF x LoA	-6,55078886	-0,077	0,306
CHR2	15106975	CHR2:15106975	SSF x LoA	-7,14148745	-0,070	0,311
CHR2	15106983	CHR2:15106983	SSF x LoA	-6,81672599	-0,078	0,313
CHR2	15106984	CHR2:15106984	SSF x LoA	-7,37979139	-0,112	0,304
CHR2	15107006	CHR2:15107006	SSF x LoA	-8,67711613	0,056	0,301
CHR2	15107035	CHR2:15107035	SSF x LoA	-8,00610542	0,126	0,319
CHR2	15118058	CHR2:15118058	SSF x LoA	-11,7763531	-0,034	0,312
CHR2	15118074	CHR2:15118074	SSF x LoA	-9,92718943	-0,021	0,290
CHR2	15118078	CHR2:15118078	SSF x LoA	-8,24489956	-0,048	0,319
CHR2	15118114	CHR2:15118114	SSF x LoA	-11,1734818	-0,060	0,304
CHR2	15118119	CHR2:15118119	SSF x LoA	-8,85738195	-0,007	0,325
CHR2	15121513	CHR2:15121513	SSF x LoA	-6,50848815	-0,069	0,309
CHR2	15121527	CHR2:15121527	SSF x LoA	-10,7293436	-0,008	0,314
CHR2	15121541	CHR2:15121541	SSF x LoA	-8,66414324	-0,016	0,306
CHR2	15124381	CHR2:15124381	SSF x LoA	-10,4051777	-0,048	0,311
CHR2	15159470	CHR2:15159470	SSF x LoA	-9,01095076	0,053	0,312
CHR2	1516387	CHR2:1516387	SSF x LoA	-10,2774918	-0,024	0,305
CHR2	1516449	CHR2:1516449	SSF x LoA	-6,90414858	-0,186	0,298
CHR2	1516450	CHR2:1516450	SSF x LoA	0,19556872	-0,226	0,293
CHR2	1516566	CHR2:1516566	SSF x LoA	-5,98192429	0,192	0,295
CHR2	1516623	CHR2:1516623	SSF x LoA	5,2163124	-0,193	0,305
CHR2	15172912	CHR2:15172912	SSF x LoA	-9,08644514	0,030	0,298
CHR2	15172923	CHR2:15172923	SSF x LoA	-8,4099727	-0,063	0,304
CHR2	15172937	CHR2:15172937	SSF x LoA	-11,2564113	-0,072	0,303
CHR2	15173178	CHR2:15173178	SSF x LoA	-10,0848146	0,021	0,298
CHR2	15173195	CHR2:15173195	SSF x LoA	-9,55399873	0,009	0,304
CHR2	15173197	CHR2:15173197	SSF x LoA	-8,96957165	-0,017	0,309
CHR2	15180477	CHR2:15180477	SSF x LoA	-2,00824163	-0,243	0,297
CHR2	15180499	CHR2:15180499	SSF x LoA	-5,96865688	-0,091	0,313
CHR2	15180518	CHR2:15180518	SSF x LoA	-8,3354926	-0,147	0,302
CHR2	15180521	CHR2:15180521	SSF x LoA	-3,64379663	-0,244	0,287
CHR2	15181488	CHR2:15181488	SSF x LoA	-9,40258129	0,173	0,291
CHR2	15181490	CHR2:15181490	SSF x LoA	-11,1386473	-0,036	0,299
CHR2	1519763	CHR2:1519763	SSF x LoA	-10,8430364	-0,040	0,304
CHR2	1519824	CHR2:1519824	SSF x LoA	-10,5672543	0,078	0,310
CHR2	1519846	CHR2:1519846	SSF x LoA	-7,23916035	-0,176	0,293
CHR2	1519884	CHR2:1519884	SSF x LoA	-8,95556245	-0,029	0,302

CHR2	1519886	CHR2:1519886	SSF x LoA	-8,94269826	-0,068	0,300
CHR2	1519899	CHR2:1519899	SSF x LoA	-9,6939939	-0,132	0,303
CHR2	15205939	CHR2:15205939	SSF x LoA	-7,52590811	0,089	0,301
CHR2	15208613	CHR2:15208613	SSF x LoA	-9,34106859	0,014	0,300
CHR2	15208790	CHR2:15208790	SSF x LoA	-10,998878	0,081	0,295
CHR2	15218481	CHR2:15218481	SSF x LoA	-10,0206458	0,033	0,300
CHR2	15232200	CHR2:15232200	SSF x LoA	-9,72122577	0,116	0,312
CHR2	15232573	CHR2:15232573	SSF x LoA	-8,85339157	0,012	0,305
CHR2	15237045	CHR2:15237045	SSF x LoA	-8,66816143	0,134	0,298
CHR2	15237074	CHR2:15237074	SSF x LoA	-10,7135203	-0,049	0,315
CHR2	1523931	CHR2:1523931	SSF x LoA	-11,0239185	-0,007	0,317
CHR2	1523958	CHR2:1523958	SSF x LoA	-10,1667736	-0,063	0,306
CHR2	1523978	CHR2:1523978	SSF x LoA	-8,73532609	0,026	0,308
CHR2	1524012	CHR2:1524012	SSF x LoA	-9,31004017	0,065	0,300
CHR2	1524054	CHR2:1524054	SSF x LoA	-9,27481904	0,024	0,308
CHR2	15245084	CHR2:15245084	SSF x LoA	-8,98736181	0,033	0,306
CHR2	15245090	CHR2:15245090	SSF x LoA	-8,7826226	0,040	0,320
CHR2	15245136	CHR2:15245136	SSF x LoA	-8,43881649	0,064	0,311
CHR2	15245140	CHR2:15245140	SSF x LoA	-11,2374802	0,027	0,307
CHR2	15245275	CHR2:15245275	SSF x LoA	-12,0054813	-0,007	0,305
CHR2	15245297	CHR2:15245297	SSF x LoA	-6,65386359	0,092	0,311
CHR2	15245323	CHR2:15245323	SSF x LoA	-8,69426931	0,048	0,316
CHR2	15257529	CHR2:15257529	SSF x LoA	-10,2404712	0,054	0,301
CHR2	15257597	CHR2:15257597	SSF x LoA	-9,04861389	0,084	0,305
CHR2	15257603	CHR2:15257603	SSF x LoA	-8,9476536	-0,023	0,293
CHR2	15261001	CHR2:15261001	SSF x LoA	-9,12302956	-0,023	0,315
CHR2	15261053	CHR2:15261053	SSF x LoA	-10,723437	0,096	0,316
CHR2	15263431	CHR2:15263431	SSF x LoA	-11,6594993	0,012	0,297
CHR2	15263474	CHR2:15263474	SSF x LoA	-9,17458262	0,111	0,295
CHR2	15263526	CHR2:15263526	SSF x LoA	-7,42941822	0,059	0,302
CHR2	15263582	CHR2:15263582	SSF x LoA	-9,60687284	0,073	0,308
CHR2	15263599	CHR2:15263599	SSF x LoA	-10,2813283	0,004	0,307
CHR2	15263608	CHR2:15263608	SSF x LoA	-9,76108655	0,015	0,291
CHR2	15263643	CHR2:15263643	SSF x LoA	-9,62789188	0,065	0,298
CHR2	15263646	CHR2:15263646	SSF x LoA	-10,2867444	-0,011	0,296
CHR2	15263665	CHR2:15263665	SSF x LoA	-10,006974	0,094	0,315
CHR2	15266112	CHR2:15266112	SSF x LoA	-7,95467217	-0,034	0,309
CHR2	15272106	CHR2:15272106	SSF x LoA	-7,84104769	0,124	0,295
CHR2	15272159	CHR2:15272159	SSF x LoA	-11,4498379	-0,096	0,302
CHR2	15272189	CHR2:15272189	SSF x LoA	-6,47217893	-0,162	0,310
CHR2	15272206	CHR2:15272206	SSF x LoA	-6,14409043	0,110	0,297
CHR2	15272208	CHR2:15272208	SSF x LoA	-6,32307374	0,113	0,314
CHR2	15272209	CHR2:15272209	SSF x LoA	-6,94247929	0,123	0,292
CHR2	15277186	CHR2:15277186	SSF x LoA	-8,43197534	0,034	0,295
CHR2	15277241	CHR2:15277241	SSF x LoA	-9,28412976	0,015	0,292
CHR2	15280353	CHR2:15280353	SSF x LoA	-9,62450408	-0,168	0,293
CHR2	15280497	CHR2:15280497	SSF x LoA	-10,2178294	-0,039	0,310
CHR2	15286352	CHR2:15286352	SSF x LoA	-10,1543426	0,051	0,309
CHR2	15286442	CHR2:15286442	SSF x LoA	-8,5369217	0,031	0,303
CHR2	15286545	CHR2:15286545	SSF x LoA	-9,55364747	0,065	0,318
CHR2	15286610	CHR2:15286610	SSF x LoA	-7,16120181	-0,061	0,325
CHR2	15293780	CHR2:15293780	SSF x LoA	-9,1622633	-0,032	0,296
CHR2	15293923	CHR2:15293923	SSF x LoA	-10,7278776	-0,052	0,311

CHR2	15294003	CHR2:15294003	SSF x LoA	-3,29810852	0,118	0,313
CHR2	15306327	CHR2:15306327	SSF x LoA	-10,3786621	-0,130	0,291
CHR2	15306476	CHR2:15306476	SSF x LoA	-7,48290309	-0,022	0,307
CHR2	15306550	CHR2:15306550	SSF x LoA	-10,3134668	-0,006	0,308
CHR2	15312874	CHR2:15312874	SSF x LoA	-9,55421399	0,077	0,318
CHR2	15338646	CHR2:15338646	SSF x LoA	-10,357963	-0,050	0,310
CHR2	15338743	CHR2:15338743	SSF x LoA	-10,2429495	-0,043	0,301
CHR2	15338764	CHR2:15338764	SSF x LoA	-10,1367163	0,021	0,316
CHR2	15338788	CHR2:15338788	SSF x LoA	-11,0430247	-0,060	0,306
CHR2	15338815	CHR2:15338815	SSF x LoA	-7,38055611	0,041	0,304
CHR2	15342250	CHR2:15342250	SSF x LoA	-8,95335616	-0,084	0,297
CHR2	15342262	CHR2:15342262	SSF x LoA	-10,9044602	0,045	0,311
CHR2	15342273	CHR2:15342273	SSF x LoA	-9,7477946	0,087	0,300
CHR2	15342274	CHR2:15342274	SSF x LoA	-9,99250835	0,096	0,297
CHR2	15342347	CHR2:15342347	SSF x LoA	-8,71934116	0,011	0,314
CHR2	15342370	CHR2:15342370	SSF x LoA	-9,53270984	0,107	0,305
CHR2	15342460	CHR2:15342460	SSF x LoA	-7,82966433	-0,027	0,320
CHR2	15342494	CHR2:15342494	SSF x LoA	-7,56193084	-0,091	0,293
CHR2	15360642	CHR2:15360642	SSF x LoA	-10,9752388	0,019	0,300
CHR2	15361684	CHR2:15361684	SSF x LoA	-11,6411265	-0,006	0,304
CHR2	15361727	CHR2:15361727	SSF x LoA	-9,05384225	-0,028	0,307
CHR2	15361735	CHR2:15361735	SSF x LoA	-4,74656958	0,002	0,324
CHR2	15369224	CHR2:15369224	SSF x LoA	-8,79543402	-0,025	0,312
CHR2	15379874	CHR2:15379874	SSF x LoA	-10,0816454	-0,076	0,291
CHR2	15382176	CHR2:15382176	SSF x LoA	-11,7681239	-0,029	0,305
CHR2	15382252	CHR2:15382252	SSF x LoA	-10,4695744	0,004	0,305
CHR2	15383259	CHR2:15383259	SSF x LoA	-8,71526291	-0,043	0,319
CHR2	1539889	CHR2:1539889	SSF x LoA	-5,56543928	0,022	0,304
CHR2	15416805	CHR2:15416805	SSF x LoA	-8,59934741	0,004	0,294
CHR2	15439787	CHR2:15439787	SSF x LoA	-5,33608047	-0,117	0,293
CHR2	15498508	CHR2:15498508	SSF x LoA	-9,87324749	-0,055	0,309
CHR2	15498559	CHR2:15498559	SSF x LoA	-8,30186926	-0,078	0,302
CHR2	15498728	CHR2:15498728	SSF x LoA	-8,56323024	-0,080	0,307
CHR2	15498739	CHR2:15498739	SSF x LoA	-9,8082951	-0,067	0,316
CHR2	15498743	CHR2:15498743	SSF x LoA	-8,78439984	0,026	0,307
CHR2	15498757	CHR2:15498757	SSF x LoA	-10,157879	-0,065	0,293
CHR2	15523071	CHR2:15523071	SSF x LoA	-8,44267022	-0,062	0,310
CHR2	15524340	CHR2:15524340	SSF x LoA	-8,75855098	-0,063	0,306
CHR2	15532128	CHR2:15532128	SSF x LoA	-8,83639275	0,032	0,307
CHR2	15533187	CHR2:15533187	SSF x LoA	-9,48913861	-0,024	0,313
CHR2	15533290	CHR2:15533290	SSF x LoA	-11,0863144	0,046	0,312
CHR2	15546181	CHR2:15546181	SSF x LoA	-8,22362299	-0,050	0,302
CHR2	15546273	CHR2:15546273	SSF x LoA	-9,97363968	0,124	0,299
CHR2	15546276	CHR2:15546276	SSF x LoA	-7,1915363	0,162	0,307
CHR2	15546348	CHR2:15546348	SSF x LoA	-11,0122625	0,062	0,312
CHR2	15546378	CHR2:15546378	SSF x LoA	-9,1631819	0,140	0,310
CHR2	15550111	CHR2:15550111	SSF x LoA	-8,49479653	0,018	0,321
CHR2	15550236	CHR2:15550236	SSF x LoA	-3,2925945	0,112	0,301
CHR2	15552840	CHR2:15552840	SSF x LoA	-11,9313845	-0,036	0,306
CHR2	1555325	CHR2:1555325	SSF x LoA	-9,42360673	-0,091	0,310
CHR2	1555355	CHR2:1555355	SSF x LoA	-10,1193698	0,075	0,299
CHR2	1555358	CHR2:1555358	SSF x LoA	-10,9640204	0,024	0,297
CHR2	1555389	CHR2:1555389	SSF x LoA	-7,49625081	-0,052	0,302

CHR2	1555434	CHR2:1555434	SSF x LoA	-11,3520698	0,064	0,311
CHR2	1555448	CHR2:1555448	SSF x LoA	-11,449564	-0,097	0,306
CHR2	1555451	CHR2:1555451	SSF x LoA	-9,04710624	-0,051	0,317
CHR2	1555492	CHR2:1555492	SSF x LoA	-11,3715087	-0,135	0,307
CHR2	1555510	CHR2:1555510	SSF x LoA	-8,86982237	-0,062	0,298
CHR2	15565746	CHR2:15565746	SSF x LoA	-9,50363285	0,067	0,303
CHR2	15565747	CHR2:15565747	SSF x LoA	-7,60599992	0,092	0,316
CHR2	15565876	CHR2:15565876	SSF x LoA	-10,5353724	-0,125	0,302
CHR2	15565933	CHR2:15565933	SSF x LoA	-9,53113608	0,085	0,295
CHR2	15565955	CHR2:15565955	SSF x LoA	-9,60964106	-0,060	0,310
CHR2	15565976	CHR2:15565976	SSF x LoA	-8,70130832	-0,067	0,322
CHR2	15565980	CHR2:15565980	SSF x LoA	-11,3604407	0,031	0,283
CHR2	15565995	CHR2:15565995	SSF x LoA	-8,41818957	0,023	0,307
CHR2	15565998	CHR2:15565998	SSF x LoA	-8,62470182	0,025	0,313
CHR2	15566001	CHR2:15566001	SSF x LoA	-9,23310406	-0,012	0,305
CHR2	15573640	CHR2:15573640	SSF x LoA	-9,55949477	-0,030	0,320
CHR2	15573653	CHR2:15573653	SSF x LoA	-10,1573359	-0,015	0,308
CHR2	15578998	CHR2:15578998	SSF x LoA	-8,05967031	-0,177	0,285
CHR2	1559810	CHR2:1559810	SSF x LoA	-8,86149511	-0,013	0,305
CHR2	1559879	CHR2:1559879	SSF x LoA	-8,76451782	0,064	0,308
CHR2	1559965	CHR2:1559965	SSF x LoA	-6,7761419	0,098	0,303
CHR2	1559978	CHR2:1559978	SSF x LoA	-5,76511223	0,090	0,304
CHR2	15600225	CHR2:15600225	SSF x LoA	-8,165364	0,057	0,310
CHR2	15600234	CHR2:15600234	SSF x LoA	-9,99150183	0,031	0,312
CHR2	1560027	CHR2:1560027	SSF x LoA	-9,89739582	0,024	0,307
CHR2	15601379	CHR2:15601379	SSF x LoA	-8,36494893	0,068	0,302
CHR2	15601380	CHR2:15601380	SSF x LoA	-5,3597166	0,039	0,317
CHR2	15601461	CHR2:15601461	SSF x LoA	-12,0657823	-0,016	0,303
CHR2	15601737	CHR2:15601737	SSF x LoA	-9,4324599	0,041	0,306
CHR2	15618484	CHR2:15618484	SSF x LoA	-7,42510764	-0,167	0,303
CHR2	15618658	CHR2:15618658	SSF x LoA	-9,62884307	-0,073	0,300
CHR2	15618669	CHR2:15618669	SSF x LoA	-5,74018194	-0,110	0,306
CHR2	15618671	CHR2:15618671	SSF x LoA	-7,87018854	-0,036	0,330
CHR2	15622041	CHR2:15622041	SSF x LoA	-10,9557631	0,059	0,312
CHR2	15622070	CHR2:15622070	SSF x LoA	-12,0328841	-0,016	0,299
CHR2	15622078	CHR2:15622078	SSF x LoA	-12,2329661	0,012	0,311
CHR2	1562711	CHR2:1562711	SSF x LoA	-10,4897873	-0,033	0,314
CHR2	1562728	CHR2:1562728	SSF x LoA	-11,2964338	0,044	0,311
CHR2	1562796	CHR2:1562796	SSF x LoA	-9,63894191	0,107	0,308
CHR2	1562827	CHR2:1562827	SSF x LoA	-10,6839142	0,061	0,308
CHR2	1562898	CHR2:1562898	SSF x LoA	-10,4751913	0,034	0,311
CHR2	1562974	CHR2:1562974	SSF x LoA	-8,2502262	0,059	0,313
CHR2	1564748	CHR2:1564748	SSF x LoA	-5,92980088	-0,131	0,303
CHR2	15655208	CHR2:15655208	SSF x LoA	-11,0359991	-0,044	0,311
CHR2	15657306	CHR2:15657306	SSF x LoA	-6,27568579	0,129	0,303
CHR2	15657347	CHR2:15657347	SSF x LoA	-8,47264363	0,088	0,305
CHR2	15657452	CHR2:15657452	SSF x LoA	-9,55786836	-0,010	0,307
CHR2	15657524	CHR2:15657524	SSF x LoA	-6,09485439	0,157	0,303
CHR2	15671674	CHR2:15671674	SSF x LoA	-10,4916489	0,002	0,311
CHR2	15671675	CHR2:15671675	SSF x LoA	-11,902858	0,003	0,309
CHR2	15683400	CHR2:15683400	SSF x LoA	-8,99023568	0,058	0,302
CHR2	15683426	CHR2:15683426	SSF x LoA	-8,65889229	-0,091	0,307
CHR2	15683492	CHR2:15683492	SSF x LoA	-8,32745421	-0,044	0,309

CHR2	15683495	CHR2:15683495	SSF x LoA	-7,56975783	0,094	0,294
CHR2	15683512	CHR2:15683512	SSF x LoA	-8,83631897	-0,015	0,301
CHR2	15704091	CHR2:15704091	SSF x LoA	-9,21027737	-0,057	0,312
CHR2	15704092	CHR2:15704092	SSF x LoA	-11,0501472	0,047	0,308
CHR2	15704240	CHR2:15704240	SSF x LoA	-5,36137283	0,131	0,313
CHR2	15704319	CHR2:15704319	SSF x LoA	-12,059929	-0,047	0,301
CHR2	15706692	CHR2:15706692	SSF x LoA	-10,567877	-0,054	0,313
CHR2	15709484	CHR2:15709484	SSF x LoA	-7,25070857	0,027	0,318
CHR2	15709560	CHR2:15709560	SSF x LoA	-9,10118606	0,071	0,306
CHR2	15709561	CHR2:15709561	SSF x LoA	-8,59674311	0,057	0,309
CHR2	15709661	CHR2:15709661	SSF x LoA	-7,3061356	-0,126	0,297
CHR2	15709669	CHR2:15709669	SSF x LoA	-10,0163025	0,039	0,313
CHR2	15720290	CHR2:15720290	SSF x LoA	-8,4811636	-0,071	0,315
CHR2	15720314	CHR2:15720314	SSF x LoA	-8,70303674	-0,186	0,305
CHR2	15720355	CHR2:15720355	SSF x LoA	-10,2219829	0,023	0,306
CHR2	15720371	CHR2:15720371	SSF x LoA	-9,44989734	-0,053	0,299
CHR2	15725754	CHR2:15725754	SSF x LoA	-6,5499181	-0,108	0,312
CHR2	1575075	CHR2:1575075	SSF x LoA	-9,32994969	0,067	0,303
CHR2	1575123	CHR2:1575123	SSF x LoA	-9,69940616	-0,019	0,307
CHR2	15766248	CHR2:15766248	SSF x LoA	-11,0396902	0,005	0,315
CHR2	15768291	CHR2:15768291	SSF x LoA	-10,8656661	-0,061	0,310
CHR2	15768395	CHR2:15768395	SSF x LoA	-11,2217956	0,003	0,313
CHR2	15768489	CHR2:15768489	SSF x LoA	-10,5271491	-0,001	0,309
CHR2	15768499	CHR2:15768499	SSF x LoA	-4,49324789	-0,035	0,311
CHR2	1579220	CHR2:1579220	SSF x LoA	-9,63403216	-0,033	0,318
CHR2	15806195	CHR2:15806195	SSF x LoA	-8,67869596	-0,054	0,308
CHR2	15806226	CHR2:15806226	SSF x LoA	-8,21920722	0,005	0,322
CHR2	15806299	CHR2:15806299	SSF x LoA	-9,90391696	-0,049	0,316
CHR2	15806418	CHR2:15806418	SSF x LoA	-10,2318574	-0,068	0,304
CHR2	15809018	CHR2:15809018	SSF x LoA	-6,69916166	-0,041	0,326
CHR2	15809034	CHR2:15809034	SSF x LoA	-8,83002219	-0,037	0,307
CHR2	15809041	CHR2:15809041	SSF x LoA	-8,71325707	-0,031	0,312
CHR2	15809047	CHR2:15809047	SSF x LoA	-7,30778629	-0,033	0,320
CHR2	15809059	CHR2:15809059	SSF x LoA	-8,79193164	-0,037	0,317
CHR2	15809080	CHR2:15809080	SSF x LoA	-6,88211142	-0,034	0,316
CHR2	15809081	CHR2:15809081	SSF x LoA	-8,85759075	-0,041	0,313
CHR2	15809113	CHR2:15809113	SSF x LoA	-6,35847413	0,005	0,335
CHR2	15818572	CHR2:15818572	SSF x LoA	-10,3401387	-0,096	0,302
CHR2	15830191	CHR2:15830191	SSF x LoA	-10,2977791	0,017	0,305
CHR2	15830222	CHR2:15830222	SSF x LoA	-2,6514697	-0,076	0,306
CHR2	15830289	CHR2:15830289	SSF x LoA	1,35487395	0,189	0,305
CHR2	15830321	CHR2:15830321	SSF x LoA	-7,79704029	-0,112	0,311
CHR2	15836338	CHR2:15836338	SSF x LoA	-8,66259437	0,070	0,318
CHR2	15836344	CHR2:15836344	SSF x LoA	-11,5167994	-0,017	0,308
CHR2	15841065	CHR2:15841065	SSF x LoA	-1,48294817	0,143	0,320
CHR2	15841189	CHR2:15841189	SSF x LoA	-11,4791353	-0,045	0,308
CHR2	15848434	CHR2:15848434	SSF x LoA	-8,12368622	0,076	0,318
CHR2	15848459	CHR2:15848459	SSF x LoA	-9,61829689	0,005	0,310
CHR2	15848532	CHR2:15848532	SSF x LoA	-7,86356433	-0,022	0,307
CHR2	15850413	CHR2:15850413	SSF x LoA	-10,4838929	-0,025	0,314
CHR2	15850526	CHR2:15850526	SSF x LoA	-11,4706245	0,022	0,292
CHR2	15858552	CHR2:15858552	SSF x LoA	-10,7764808	-0,038	0,306
CHR2	15861356	CHR2:15861356	SSF x LoA	-9,31668917	-0,027	0,302

CHR2	15861539	CHR2:15861539	SSF x LoA	-9,55039313	-0,044	0,296
CHR2	15865849	CHR2:15865849	SSF x LoA	-9,43990935	-0,027	0,309
CHR2	15875692	CHR2:15875692	SSF x LoA	-9,8843182	-0,047	0,309
CHR2	15875787	CHR2:15875787	SSF x LoA	-11,473488	-0,005	0,313
CHR2	15876759	CHR2:15876759	SSF x LoA	-10,6615088	0,050	0,301
CHR2	15876839	CHR2:15876839	SSF x LoA	-8,7240467	0,030	0,314
CHR2	15880660	CHR2:15880660	SSF x LoA	-8,64847076	0,006	0,328
CHR2	15880684	CHR2:15880684	SSF x LoA	-5,13805733	-0,003	0,322
CHR2	15880686	CHR2:15880686	SSF x LoA	-7,82540382	-0,017	0,315
CHR2	15880727	CHR2:15880727	SSF x LoA	-8,74760159	-0,007	0,309
CHR2	15880735	CHR2:15880735	SSF x LoA	-7,1222813	0,010	0,317
CHR2	15880739	CHR2:15880739	SSF x LoA	-8,68917975	-0,023	0,309
CHR2	15880754	CHR2:15880754	SSF x LoA	-6,74287344	0,008	0,334
CHR2	15880755	CHR2:15880755	SSF x LoA	-8,9768906	-0,011	0,320
CHR2	15881262	CHR2:15881262	SSF x LoA	-9,60436299	-0,052	0,299
CHR2	15881283	CHR2:15881283	SSF x LoA	-9,83429192	0,127	0,309
CHR2	15884085	CHR2:15884085	SSF x LoA	-9,21155277	-0,067	0,310
CHR2	15884141	CHR2:15884141	SSF x LoA	-8,36705865	-0,058	0,315
CHR2	15884247	CHR2:15884247	SSF x LoA	-6,68473038	0,160	0,290
CHR2	15884295	CHR2:15884295	SSF x LoA	-3,59938385	-0,164	0,299
CHR2	15886095	CHR2:15886095	SSF x LoA	-10,1770261	-0,048	0,290
CHR2	15886200	CHR2:15886200	SSF x LoA	-5,21694788	-0,196	0,301
CHR2	15901278	CHR2:15901278	SSF x LoA	-10,9373347	-0,024	0,296
CHR2	15901585	CHR2:15901585	SSF x LoA	-10,7379524	-0,056	0,306
CHR2	15902489	CHR2:15902489	SSF x LoA	-11,3904138	-0,041	0,310
CHR2	15902577	CHR2:15902577	SSF x LoA	-9,36771614	0,037	0,317
CHR2	15904514	CHR2:15904514	SSF x LoA	-9,73187887	-0,016	0,296
CHR2	15904625	CHR2:15904625	SSF x LoA	-7,45048312	-0,015	0,309
CHR2	15904676	CHR2:15904676	SSF x LoA	-12,0028971	-0,066	0,317
CHR2	15904747	CHR2:15904747	SSF x LoA	-9,21758405	-0,082	0,302
CHR2	15925218	CHR2:15925218	SSF x LoA	-9,44543949	-0,021	0,300
CHR2	15937185	CHR2:15937185	SSF x LoA	-7,83372686	0,146	0,302
CHR2	15958126	CHR2:15958126	SSF x LoA	-10,1728998	-0,059	0,308
CHR2	15958265	CHR2:15958265	SSF x LoA	-11,774893	0,027	0,309
CHR2	15958293	CHR2:15958293	SSF x LoA	-10,909846	0,075	0,296
CHR2	15958294	CHR2:15958294	SSF x LoA	-11,002576	0,013	0,300
CHR2	15968278	CHR2:15968278	SSF x LoA	-10,9296783	-0,003	0,308
CHR2	15968286	CHR2:15968286	SSF x LoA	-11,6581162	0,031	0,312
CHR2	15968290	CHR2:15968290	SSF x LoA	-10,7886619	-0,038	0,299
CHR2	15968330	CHR2:15968330	SSF x LoA	-10,8904544	-0,054	0,302
CHR2	15968376	CHR2:15968376	SSF x LoA	-10,4798086	-0,027	0,297
CHR2	15968377	CHR2:15968377	SSF x LoA	-10,246931	-0,061	0,299
CHR2	15968603	CHR2:15968603	SSF x LoA	-8,127128	-0,052	0,295
CHR2	15987924	CHR2:15987924	SSF x LoA	-1,00514848	-0,099	0,307
CHR2	15987961	CHR2:15987961	SSF x LoA	-7,46980166	-0,082	0,308
CHR2	15988013	CHR2:15988013	SSF x LoA	-7,76604856	-0,044	0,302
CHR2	15995338	CHR2:15995338	SSF x LoA	-8,24618467	-0,146	0,302
CHR2	15995365	CHR2:15995365	SSF x LoA	-9,56337241	-0,090	0,317
CHR2	15995412	CHR2:15995412	SSF x LoA	-10,4466014	-0,005	0,304
CHR2	15996192	CHR2:15996192	SSF x LoA	-9,82002832	0,092	0,317
CHR2	15996251	CHR2:15996251	SSF x LoA	-7,11840995	-0,026	0,321
CHR2	15998175	CHR2:15998175	SSF x LoA	-9,4860379	0,027	0,307
CHR2	15998190	CHR2:15998190	SSF x LoA	-5,67568604	0,100	0,302

CHR2	15998199	CHR2:15998199	SSF x LoA	-8,24406592	-0,050	0,316
CHR2	15998271	CHR2:15998271	SSF x LoA	-7,02489535	-0,137	0,300
CHR2	1599999	CHR2:1599999	SSF x LoA	-9,65936574	-0,053	0,310
CHR2	1600029	CHR2:1600029	SSF x LoA	-8,3335763	-0,064	0,316
CHR2	16001110	CHR2:16001110	SSF x LoA	-8,44938044	-0,168	0,303
CHR2	16001116	CHR2:16001116	SSF x LoA	-7,55319003	-0,094	0,311
CHR2	16001123	CHR2:16001123	SSF x LoA	-9,64551397	-0,116	0,311
CHR2	16013172	CHR2:16013172	SSF x LoA	-7,86596037	0,003	0,312
CHR2	16013184	CHR2:16013184	SSF x LoA	-9,00924213	-0,099	0,306
CHR2	16013251	CHR2:16013251	SSF x LoA	-7,72581503	0,213	0,293
CHR2	16015962	CHR2:16015962	SSF x LoA	-7,86490179	0,055	0,316
CHR2	16015999	CHR2:16015999	SSF x LoA	-4,90338637	0,136	0,302
CHR2	16059590	CHR2:16059590	SSF x LoA	-11,3699943	0,091	0,307
CHR2	16092437	CHR2:16092437	SSF x LoA	-5,83271401	-0,079	0,315
CHR2	16092532	CHR2:16092532	SSF x LoA	-11,341411	-0,011	0,300
CHR2	1609321	CHR2:1609321	SSF x LoA	-5,91913803	0,014	0,307
CHR2	1609427	CHR2:1609427	SSF x LoA	-8,92497666	-0,053	0,301
CHR2	16111627	CHR2:16111627	SSF x LoA	-7,49895373	-0,099	0,308
CHR2	16115189	CHR2:16115189	SSF x LoA	-8,96600556	-0,120	0,303
CHR2	16115291	CHR2:16115291	SSF x LoA	-7,22893222	0,150	0,306
CHR2	16119794	CHR2:16119794	SSF x LoA	-2,17550619	-0,132	0,305
CHR2	16140033	CHR2:16140033	SSF x LoA	-5,22192811	0,174	0,307
CHR2	16167839	CHR2:16167839	SSF x LoA	-10,623032	-0,012	0,292
CHR2	16167860	CHR2:16167860	SSF x LoA	-9,03155269	-0,012	0,313
CHR2	16169354	CHR2:16169354	SSF x LoA	-9,71314709	0,054	0,310
CHR2	16170484	CHR2:16170484	SSF x LoA	-8,95249224	-0,068	0,285
CHR2	16177994	CHR2:16177994	SSF x LoA	-8,4065247	-0,026	0,308
CHR2	16182077	CHR2:16182077	SSF x LoA	-12,5929713	-0,026	0,298
CHR2	16192505	CHR2:16192505	SSF x LoA	-11,5117122	-0,046	0,300
CHR2	16192748	CHR2:16192748	SSF x LoA	-12,2415902	-0,041	0,303
CHR2	16192850	CHR2:16192850	SSF x LoA	-5,33244933	-0,041	0,312
CHR2	16204900	CHR2:16204900	SSF x LoA	-11,1067223	-0,133	0,310
CHR2	16204905	CHR2:16204905	SSF x LoA	-9,90080757	-0,120	0,309
CHR2	16204913	CHR2:16204913	SSF x LoA	-9,07855248	-0,135	0,315
CHR2	16204917	CHR2:16204917	SSF x LoA	-9,99518692	-0,167	0,298
CHR2	16205108	CHR2:16205108	SSF x LoA	-2,90020185	-0,235	0,298
CHR2	16205115	CHR2:16205115	SSF x LoA	-10,5624805	0,090	0,304
CHR2	1621511	CHR2:1621511	SSF x LoA	-11,6641797	0,024	0,307
CHR2	16217030	CHR2:16217030	SSF x LoA	-6,45432116	0,105	0,295
CHR2	16219635	CHR2:16219635	SSF x LoA	-10,9547735	0,038	0,305
CHR2	16222838	CHR2:16222838	SSF x LoA	-9,29750478	-0,084	0,291
CHR2	16222894	CHR2:16222894	SSF x LoA	-7,20918083	-0,141	0,297
CHR2	16222899	CHR2:16222899	SSF x LoA	-6,87979148	-0,067	0,319
CHR2	16222958	CHR2:16222958	SSF x LoA	-6,55795645	0,124	0,305
CHR2	16222984	CHR2:16222984	SSF x LoA	-9,33376945	-0,104	0,295
CHR2	16222985	CHR2:16222985	SSF x LoA	-10,7217826	0,093	0,292
CHR2	16222987	CHR2:16222987	SSF x LoA	-8,87834102	-0,097	0,296
CHR2	16223837	CHR2:16223837	SSF x LoA	-8,14409897	-0,012	0,319
CHR2	16223844	CHR2:16223844	SSF x LoA	-8,96806753	0,017	0,299
CHR2	16223921	CHR2:16223921	SSF x LoA	-7,77796896	0,145	0,293
CHR2	16223926	CHR2:16223926	SSF x LoA	-7,85374621	-0,054	0,313
CHR2	16232247	CHR2:16232247	SSF x LoA	-8,58310376	-0,044	0,313
CHR2	16232331	CHR2:16232331	SSF x LoA	-10,069221	-0,039	0,303

CHR2	16232363	CHR2:16232363	SSF x LoA	-9,16284594	-0,052	0,289
CHR2	16232367	CHR2:16232367	SSF x LoA	-8,01140944	-0,095	0,303
CHR2	16232554	CHR2:16232554	SSF x LoA	-9,51340074	-0,038	0,298
CHR2	16242474	CHR2:16242474	SSF x LoA	-9,93357863	0,008	0,321
CHR2	16258641	CHR2:16258641	SSF x LoA	-10,0639325	0,066	0,302
CHR2	16258655	CHR2:16258655	SSF x LoA	-7,83109844	-0,069	0,313
CHR2	16289773	CHR2:16289773	SSF x LoA	-7,88536438	-0,077	0,307
CHR2	16291255	CHR2:16291255	SSF x LoA	-8,96198865	-0,071	0,314
CHR2	16291410	CHR2:16291410	SSF x LoA	-8,48500985	-0,170	0,308
CHR2	16293197	CHR2:16293197	SSF x LoA	-10,1425402	0,022	0,311
CHR2	16293321	CHR2:16293321	SSF x LoA	-10,797316	0,010	0,301
CHR2	16299920	CHR2:16299920	SSF x LoA	-5,7880015	0,108	0,301
CHR2	16299923	CHR2:16299923	SSF x LoA	-10,1568735	-0,096	0,296
CHR2	16306282	CHR2:16306282	SSF x LoA	-11,7546832	0,012	0,290
CHR2	16306350	CHR2:16306350	SSF x LoA	-11,6336815	0,045	0,298
CHR2	16306359	CHR2:16306359	SSF x LoA	-10,1701988	-0,051	0,304
CHR2	16306369	CHR2:16306369	SSF x LoA	-6,88035541	0,030	0,312
CHR2	16316105	CHR2:16316105	SSF x LoA	-10,661393	-0,006	0,300
CHR2	16335259	CHR2:16335259	SSF x LoA	-8,45126619	0,057	0,296
CHR2	16335366	CHR2:16335366	SSF x LoA	-11,0525379	0,019	0,309
CHR2	16340469	CHR2:16340469	SSF x LoA	-8,32323682	0,051	0,315
CHR2	16340647	CHR2:16340647	SSF x LoA	-8,43630461	0,024	0,312
CHR2	16342290	CHR2:16342290	SSF x LoA	-8,23724538	0,014	0,306
CHR2	16344202	CHR2:16344202	SSF x LoA	-10,4772231	-0,018	0,317
CHR2	16344246	CHR2:16344246	SSF x LoA	-9,39232681	0,017	0,315
CHR2	16344418	CHR2:16344418	SSF x LoA	-2,90311986	0,023	0,319
CHR2	16344471	CHR2:16344471	SSF x LoA	-11,5074587	0,028	0,307
CHR2	16344474	CHR2:16344474	SSF x LoA	-8,53748693	-0,054	0,311
CHR2	16351910	CHR2:16351910	SSF x LoA	-8,60229462	0,057	0,308
CHR2	16351914	CHR2:16351914	SSF x LoA	-10,7863929	-0,039	0,315
CHR2	16351974	CHR2:16351974	SSF x LoA	-10,9846934	-0,022	0,299
CHR2	16352040	CHR2:16352040	SSF x LoA	-7,71666133	-0,016	0,309
CHR2	16352075	CHR2:16352075	SSF x LoA	-10,6969054	0,019	0,298
CHR2	16353831	CHR2:16353831	SSF x LoA	-10,3263916	0,091	0,309
CHR2	16353851	CHR2:16353851	SSF x LoA	-10,1211691	0,115	0,311
CHR2	16353893	CHR2:16353893	SSF x LoA	-7,72098534	0,149	0,290
CHR2	16353912	CHR2:16353912	SSF x LoA	-9,52515243	0,067	0,315
CHR2	16353935	CHR2:16353935	SSF x LoA	-8,79779372	0,015	0,302
CHR2	16353972	CHR2:16353972	SSF x LoA	-6,68208939	-0,135	0,304
CHR2	16354012	CHR2:16354012	SSF x LoA	-5,97724765	-0,046	0,309
CHR2	16354028	CHR2:16354028	SSF x LoA	-5,82337316	-0,163	0,299
CHR2	16354056	CHR2:16354056	SSF x LoA	-10,3406567	0,112	0,315
CHR2	16359967	CHR2:16359967	SSF x LoA	-10,0665583	0,049	0,299
CHR2	16360207	CHR2:16360207	SSF x LoA	-11,7057521	0,021	0,312
CHR2	16360229	CHR2:16360229	SSF x LoA	-3,7644199	-0,020	0,306
CHR2	16366435	CHR2:16366435	SSF x LoA	-3,27809546	-0,066	0,309
CHR2	16366568	CHR2:16366568	SSF x LoA	-9,99993297	-0,058	0,299
CHR2	1637098	CHR2:1637098	SSF x LoA	-11,6699158	0,023	0,299
CHR2	16383997	CHR2:16383997	SSF x LoA	-8,01795238	-0,098	0,314
CHR2	16384066	CHR2:16384066	SSF x LoA	-6,92785185	-0,120	0,313
CHR2	16384070	CHR2:16384070	SSF x LoA	-10,8898764	0,003	0,317
CHR2	16384111	CHR2:16384111	SSF x LoA	-10,4791992	-0,014	0,303
CHR2	16398233	CHR2:16398233	SSF x LoA	-5,77718969	-0,125	0,304

CHR2	16398391	CHR2:16398391	SSF x LoA	-10,422469	-0,108	0,306
CHR2	16414559	CHR2:16414559	SSF x LoA	-9,32079218	0,093	0,287
CHR2	16414600	CHR2:16414600	SSF x LoA	-2,99027965	-0,119	0,318
CHR2	16414662	CHR2:16414662	SSF x LoA	-10,0012399	-0,013	0,328
CHR2	16414689	CHR2:16414689	SSF x LoA	-9,88455732	0,123	0,298
CHR2	16414691	CHR2:16414691	SSF x LoA	-7,27324485	0,123	0,304
CHR2	16414756	CHR2:16414756	SSF x LoA	-11,8296216	0,008	0,310
CHR2	16414759	CHR2:16414759	SSF x LoA	-10,0818165	-0,118	0,292
CHR2	16438462	CHR2:16438462	SSF x LoA	-8,20719514	-0,085	0,299
CHR2	16438485	CHR2:16438485	SSF x LoA	-11,1891056	-0,007	0,303
CHR2	16438527	CHR2:16438527	SSF x LoA	-8,55555931	0,017	0,315
CHR2	16438585	CHR2:16438585	SSF x LoA	-4,87976029	-0,241	0,276
CHR2	16439862	CHR2:16439862	SSF x LoA	-9,81304952	-0,006	0,304
CHR2	16439984	CHR2:16439984	SSF x LoA	-10,8401514	0,020	0,303
CHR2	16439991	CHR2:16439991	SSF x LoA	-9,31343557	-0,104	0,311
CHR2	16440019	CHR2:16440019	SSF x LoA	-8,22044029	-0,088	0,303
CHR2	16446906	CHR2:16446906	SSF x LoA	-9,6930066	0,034	0,304
CHR2	16450101	CHR2:16450101	SSF x LoA	-7,66405405	-0,003	0,324
CHR2	16450212	CHR2:16450212	SSF x LoA	-9,72527851	-0,121	0,307
CHR2	16450213	CHR2:16450213	SSF x LoA	-9,8410488	0,002	0,311
CHR2	16453317	CHR2:16453317	SSF x LoA	-8,61117886	-0,055	0,323
CHR2	16458585	CHR2:16458585	SSF x LoA	-8,75857734	0,041	0,303
CHR2	16458615	CHR2:16458615	SSF x LoA	-7,13069158	0,190	0,299
CHR2	16458656	CHR2:16458656	SSF x LoA	-9,45947334	-0,003	0,295
CHR2	16458681	CHR2:16458681	SSF x LoA	-7,19248344	-0,026	0,307
CHR2	16500221	CHR2:16500221	SSF x LoA	-8,91545698	-0,057	0,309
CHR2	16500255	CHR2:16500255	SSF x LoA	-4,8541411	-0,015	0,321
CHR2	16500326	CHR2:16500326	SSF x LoA	-9,23340046	0,188	0,293
CHR2	16516451	CHR2:16516451	SSF x LoA	-10,9888019	-0,055	0,307
CHR2	16516458	CHR2:16516458	SSF x LoA	-9,28697904	-0,070	0,313
CHR2	16516461	CHR2:16516461	SSF x LoA	-11,7651399	-0,004	0,310
CHR2	16516513	CHR2:16516513	SSF x LoA	-8,61537047	-0,045	0,294
CHR2	16516621	CHR2:16516621	SSF x LoA	-9,4986329	0,158	0,297
CHR2	16516632	CHR2:16516632	SSF x LoA	-9,10506387	-0,019	0,312
CHR2	16525816	CHR2:16525816	SSF x LoA	-7,26435764	-0,017	0,291
CHR2	16525875	CHR2:16525875	SSF x LoA	-10,153402	-0,052	0,310
CHR2	16525894	CHR2:16525894	SSF x LoA	-9,05372731	0,041	0,313
CHR2	16525937	CHR2:16525937	SSF x LoA	-2,96990118	-0,065	0,313
CHR2	16525947	CHR2:16525947	SSF x LoA	-10,1384592	-0,006	0,312
CHR2	16525960	CHR2:16525960	SSF x LoA	-9,9054957	-0,016	0,310
CHR2	16525985	CHR2:16525985	SSF x LoA	-8,97257105	-0,013	0,306
CHR2	16542343	CHR2:16542343	SSF x LoA	-7,49376	0,133	0,293
CHR2	16542394	CHR2:16542394	SSF x LoA	-7,22121937	0,122	0,299
CHR2	16545294	CHR2:16545294	SSF x LoA	-11,0488695	-0,005	0,305
CHR2	16545331	CHR2:16545331	SSF x LoA	-7,95539333	0,013	0,308
CHR2	16556541	CHR2:16556541	SSF x LoA	-8,88466086	-0,116	0,305
CHR2	16556642	CHR2:16556642	SSF x LoA	-4,61191608	-0,144	0,306
CHR2	16575236	CHR2:16575236	SSF x LoA	-10,7405205	0,104	0,311
CHR2	16575369	CHR2:16575369	SSF x LoA	-9,77594083	-0,086	0,310
CHR2	16575421	CHR2:16575421	SSF x LoA	-7,18822855	-0,075	0,305
CHR2	16575447	CHR2:16575447	SSF x LoA	-1,92893585	0,101	0,316
CHR2	16576405	CHR2:16576405	SSF x LoA	-8,43803271	-0,171	0,301
CHR2	16576636	CHR2:16576636	SSF x LoA	-7,55211837	-0,117	0,310

CHR2	16578964	CHR2:16578964	SSF x LoA	-9,04133183	-0,140	0,310
CHR2	16578987	CHR2:16578987	SSF x LoA	-9,7892524	0,053	0,301
CHR2	16585202	CHR2:16585202	SSF x LoA	-6,3872863	0,092	0,305
CHR2	16585294	CHR2:16585294	SSF x LoA	-10,0828848	0,028	0,302
CHR2	16592510	CHR2:16592510	SSF x LoA	-8,92119686	0,051	0,318
CHR2	16592511	CHR2:16592511	SSF x LoA	-9,59899908	0,091	0,307
CHR2	16592614	CHR2:16592614	SSF x LoA	-8,8207317	-0,041	0,303
CHR2	16610268	CHR2:16610268	SSF x LoA	-9,3764289	0,041	0,300
CHR2	16610296	CHR2:16610296	SSF x LoA	-9,23949562	0,088	0,306
CHR2	16610418	CHR2:16610418	SSF x LoA	-8,52553087	0,024	0,299
CHR2	16624291	CHR2:16624291	SSF x LoA	-10,558594	0,041	0,313
CHR2	16626671	CHR2:16626671	SSF x LoA	-8,89116637	0,141	0,311
CHR2	16626715	CHR2:16626715	SSF x LoA	-4,96278862	-0,107	0,294
CHR2	16626725	CHR2:16626725	SSF x LoA	-5,42845795	0,154	0,306
CHR2	16626727	CHR2:16626727	SSF x LoA	-0,28882786	0,166	0,296
CHR2	16626733	CHR2:16626733	SSF x LoA	-7,74251253	0,166	0,289
CHR2	16639648	CHR2:16639648	SSF x LoA	-8,85924493	0,060	0,315
CHR2	16639691	CHR2:16639691	SSF x LoA	-11,3093135	-0,028	0,319
CHR2	16639697	CHR2:16639697	SSF x LoA	-10,5212672	0,040	0,312
CHR2	16639724	CHR2:16639724	SSF x LoA	-9,78398948	0,121	0,314
CHR2	16639732	CHR2:16639732	SSF x LoA	-8,27832463	0,092	0,308
CHR2	16639775	CHR2:16639775	SSF x LoA	-11,207621	-0,035	0,310
CHR2	16654181	CHR2:16654181	SSF x LoA	-8,87365518	-0,129	0,292
CHR2	16684485	CHR2:16684485	SSF x LoA	-11,8894702	-0,045	0,302
CHR2	16712808	CHR2:16712808	SSF x LoA	-8,35536424	0,049	0,316
CHR2	16734507	CHR2:16734507	SSF x LoA	-9,62762441	0,105	0,303
CHR2	16734524	CHR2:16734524	SSF x LoA	-8,53310161	0,063	0,312
CHR2	16734531	CHR2:16734531	SSF x LoA	-11,0272094	0,094	0,300
CHR2	16734706	CHR2:16734706	SSF x LoA	-7,66705094	-0,120	0,297
CHR2	16734766	CHR2:16734766	SSF x LoA	-8,3996995	-0,038	0,316
CHR2	16734806	CHR2:16734806	SSF x LoA	-10,8844003	-0,029	0,308
CHR2	16734816	CHR2:16734816	SSF x LoA	-5,75521379	0,030	0,320
CHR2	16734847	CHR2:16734847	SSF x LoA	-10,6300156	0,086	0,306
CHR2	16740671	CHR2:16740671	SSF x LoA	-10,8313378	-0,078	0,305
CHR2	16746466	CHR2:16746466	SSF x LoA	-7,6590368	-0,027	0,303
CHR2	16784617	CHR2:16784617	SSF x LoA	-9,10960515	0,040	0,297
CHR2	16800296	CHR2:16800296	SSF x LoA	-9,42972695	0,107	0,313
CHR2	1681821	CHR2:1681821	SSF x LoA	-9,58054949	-0,101	0,291
CHR2	16823197	CHR2:16823197	SSF x LoA	-8,49490729	-0,017	0,312
CHR2	16856068	CHR2:16856068	SSF x LoA	-9,24660389	0,057	0,299
CHR2	16875228	CHR2:16875228	SSF x LoA	-7,29706622	0,095	0,300
CHR2	16921698	CHR2:16921698	SSF x LoA	-10,5270617	-0,071	0,291
CHR2	16928447	CHR2:16928447	SSF x LoA	-11,3840543	0,032	0,298
CHR2	16943061	CHR2:16943061	SSF x LoA	-10,0850502	-0,022	0,304
CHR2	16943066	CHR2:16943066	SSF x LoA	-7,85765283	0,155	0,305
CHR2	16943110	CHR2:16943110	SSF x LoA	-10,982474	0,015	0,307
CHR2	16951287	CHR2:16951287	SSF x LoA	-8,35547893	0,109	0,312
CHR2	16951335	CHR2:16951335	SSF x LoA	-7,47493268	-0,084	0,298
CHR2	16954849	CHR2:16954849	SSF x LoA	-8,46292418	0,085	0,311
CHR2	16954962	CHR2:16954962	SSF x LoA	-10,2083201	0,079	0,315
CHR2	16987673	CHR2:16987673	SSF x LoA	-10,824808	0,001	0,292
CHR2	16987758	CHR2:16987758	SSF x LoA	-9,07806209	-0,059	0,313
CHR2	16991905	CHR2:16991905	SSF x LoA	-9,7429949	-0,040	0,304

CHR2	17022239	CHR2:17022239	SSF x LoA	-9,81642297	-0,075	0,302
CHR2	17022351	CHR2:17022351	SSF x LoA	-9,84784226	-0,041	0,310
CHR2	17022378	CHR2:17022378	SSF x LoA	-9,89786872	0,115	0,325
CHR2	17026521	CHR2:17026521	SSF x LoA	-8,1486559	-0,006	0,325
CHR2	17026525	CHR2:17026525	SSF x LoA	-8,98711216	0,022	0,308
CHR2	17026529	CHR2:17026529	SSF x LoA	-7,07098666	-0,009	0,314
CHR2	17032000	CHR2:17032000	SSF x LoA	-10,227773	-0,002	0,313
CHR2	17032002	CHR2:17032002	SSF x LoA	-8,58666632	-0,053	0,301
CHR2	17032065	CHR2:17032065	SSF x LoA	-6,89552219	-0,058	0,309
CHR2	17036518	CHR2:17036518	SSF x LoA	-8,68800264	-0,052	0,294
CHR2	17038435	CHR2:17038435	SSF x LoA	-9,80824744	-0,082	0,316
CHR2	17061954	CHR2:17061954	SSF x LoA	-6,79821567	-0,163	0,293
CHR2	17062068	CHR2:17062068	SSF x LoA	-9,3802929	-0,001	0,315
CHR2	17081708	CHR2:17081708	SSF x LoA	-8,11879986	0,072	0,308
CHR2	1712250	CHR2:1712250	SSF x LoA	-4,9317418	0,041	0,298
CHR2	1712288	CHR2:1712288	SSF x LoA	-9,92345107	-0,005	0,317
CHR2	1712342	CHR2:1712342	SSF x LoA	-10,2747092	-0,086	0,326
CHR2	17128419	CHR2:17128419	SSF x LoA	-10,8812459	-0,050	0,306
CHR2	17131758	CHR2:17131758	SSF x LoA	-8,86113777	0,058	0,306
CHR2	17131768	CHR2:17131768	SSF x LoA	-9,01242221	0,050	0,302
CHR2	1714027	CHR2:1714027	SSF x LoA	-9,69193636	0,002	0,308
CHR2	1714068	CHR2:1714068	SSF x LoA	-10,8562287	-0,044	0,299
CHR2	1714174	CHR2:1714174	SSF x LoA	-9,71936419	-0,006	0,283
CHR2	1714206	CHR2:1714206	SSF x LoA	-10,7300411	-0,008	0,320
CHR2	17162215	CHR2:17162215	SSF x LoA	-11,1963032	-0,010	0,306
CHR2	17162294	CHR2:17162294	SSF x LoA	-7,8995475	-0,135	0,302
CHR2	17162326	CHR2:17162326	SSF x LoA	-11,2616838	0,019	0,297
CHR2	17162361	CHR2:17162361	SSF x LoA	-8,69158943	-0,105	0,293
CHR2	17162416	CHR2:17162416	SSF x LoA	-10,8332561	-0,020	0,298
CHR2	17165164	CHR2:17165164	SSF x LoA	-9,61170279	-0,052	0,294
CHR2	17165176	CHR2:17165176	SSF x LoA	-11,309063	-0,060	0,291
CHR2	17170765	CHR2:17170765	SSF x LoA	-7,43852601	0,063	0,298
CHR2	17170813	CHR2:17170813	SSF x LoA	-9,24564771	0,004	0,309
CHR2	17170838	CHR2:17170838	SSF x LoA	-8,83321093	0,038	0,309
CHR2	17170893	CHR2:17170893	SSF x LoA	-10,1936603	0,052	0,299
CHR2	17177456	CHR2:17177456	SSF x LoA	-3,21595269	-0,020	0,320
CHR2	17181206	CHR2:17181206	SSF x LoA	-8,78610819	0,028	0,314
CHR2	17184956	CHR2:17184956	SSF x LoA	-10,7182744	-0,089	0,295
CHR2	17189765	CHR2:17189765	SSF x LoA	-10,7320332	0,003	0,300
CHR2	17210548	CHR2:17210548	SSF x LoA	-10,7747165	-0,012	0,311
CHR2	17210555	CHR2:17210555	SSF x LoA	-9,8213626	0,035	0,325
CHR2	17210586	CHR2:17210586	SSF x LoA	-9,32129773	-0,112	0,310
CHR2	17212559	CHR2:17212559	SSF x LoA	-10,3556889	-0,026	0,302
CHR2	17212643	CHR2:17212643	SSF x LoA	-7,80351043	0,058	0,308
CHR2	17212662	CHR2:17212662	SSF x LoA	-9,48736001	0,012	0,313
CHR2	17212757	CHR2:17212757	SSF x LoA	-9,97576581	0,007	0,310
CHR2	17215280	CHR2:17215280	SSF x LoA	-9,00624776	0,214	0,288
CHR2	17215340	CHR2:17215340	SSF x LoA	-7,77742978	0,105	0,302
CHR2	17215348	CHR2:17215348	SSF x LoA	-7,79875919	0,098	0,293
CHR2	17215359	CHR2:17215359	SSF x LoA	-7,56483231	0,131	0,298
CHR2	17215363	CHR2:17215363	SSF x LoA	-8,46049905	0,015	0,323
CHR2	17215366	CHR2:17215366	SSF x LoA	-8,87245615	0,032	0,302
CHR2	17215367	CHR2:17215367	SSF x LoA	-8,24952301	0,108	0,321

CHR2	17215406	CHR2:17215406	SSF x LoA	-8,56435032	0,007	0,306
CHR2	17220037	CHR2:17220037	SSF x LoA	-7,68321444	-0,112	0,311
CHR2	17220106	CHR2:17220106	SSF x LoA	-8,82779022	-0,093	0,298
CHR2	17220141	CHR2:17220141	SSF x LoA	-11,5187371	0,053	0,300
CHR2	17220596	CHR2:17220596	SSF x LoA	-6,91201187	-0,004	0,302
CHR2	17220615	CHR2:17220615	SSF x LoA	-9,12724433	-0,101	0,307
CHR2	17220637	CHR2:17220637	SSF x LoA	-7,79010461	0,150	0,317
CHR2	17220642	CHR2:17220642	SSF x LoA	-9,82702273	-0,074	0,302
CHR2	17220678	CHR2:17220678	SSF x LoA	-9,37117708	0,032	0,315
CHR2	17220692	CHR2:17220692	SSF x LoA	-10,0400567	0,192	0,293
CHR2	17230155	CHR2:17230155	SSF x LoA	-4,8964043	-0,077	0,313
CHR2	1723210	CHR2:1723210	SSF x LoA	-9,27868039	-0,015	0,290
CHR2	17235061	CHR2:17235061	SSF x LoA	-7,94522321	0,137	0,307
CHR2	17235082	CHR2:17235082	SSF x LoA	-7,79391722	0,068	0,309
CHR2	17236264	CHR2:17236264	SSF x LoA	-7,79888286	-0,150	0,309
CHR2	17236306	CHR2:17236306	SSF x LoA	-10,4793118	-0,022	0,307
CHR2	17241001	CHR2:17241001	SSF x LoA	-9,43182501	-0,006	0,309
CHR2	17253856	CHR2:17253856	SSF x LoA	-8,78663921	0,063	0,314
CHR2	17253859	CHR2:17253859	SSF x LoA	-10,9509232	0,036	0,304
CHR2	17253911	CHR2:17253911	SSF x LoA	-10,9147884	0,074	0,320
CHR2	17253941	CHR2:17253941	SSF x LoA	-6,15000987	0,038	0,316
CHR2	17254082	CHR2:17254082	SSF x LoA	-9,29585889	0,113	0,300
CHR2	17254112	CHR2:17254112	SSF x LoA	-8,65420113	-0,124	0,297
CHR2	1727839	CHR2:1727839	SSF x LoA	-9,80164195	-0,063	0,319
CHR2	17280093	CHR2:17280093	SSF x LoA	-7,6145351	0,009	0,308
CHR2	17297191	CHR2:17297191	SSF x LoA	-9,09063261	0,150	0,305
CHR2	17297258	CHR2:17297258	SSF x LoA	-7,92864594	-0,113	0,311
CHR2	17297772	CHR2:17297772	SSF x LoA	-8,97406675	0,106	0,302
CHR2	17297830	CHR2:17297830	SSF x LoA	-8,42179619	0,171	0,304
CHR2	17330172	CHR2:17330172	SSF x LoA	-9,93469195	-0,068	0,318
CHR2	17330244	CHR2:17330244	SSF x LoA	-10,1817244	-0,021	0,303
CHR2	17334858	CHR2:17334858	SSF x LoA	-10,6569349	-0,110	0,319
CHR2	17341354	CHR2:17341354	SSF x LoA	-11,1398919	0,003	0,315
CHR2	17349835	CHR2:17349835	SSF x LoA	-10,4435988	0,074	0,310
CHR2	17355018	CHR2:17355018	SSF x LoA	-0,89000321	-0,216	0,296
CHR2	17355265	CHR2:17355265	SSF x LoA	-9,13045823	0,078	0,309
CHR2	17358600	CHR2:17358600	SSF x LoA	-2,85742512	-0,203	0,299
CHR2	17378551	CHR2:17378551	SSF x LoA	-6,49568026	-0,149	0,300
CHR2	17378607	CHR2:17378607	SSF x LoA	-9,56947479	-0,132	0,300
CHR2	17378610	CHR2:17378610	SSF x LoA	-4,95982854	-0,148	0,302
CHR2	17378725	CHR2:17378725	SSF x LoA	-10,3128649	-0,002	0,308
CHR2	17378732	CHR2:17378732	SSF x LoA	-4,90610243	-0,160	0,293
CHR2	17378749	CHR2:17378749	SSF x LoA	-6,34054208	-0,151	0,306
CHR2	17378754	CHR2:17378754	SSF x LoA	-6,47289432	-0,157	0,298
CHR2	17382696	CHR2:17382696	SSF x LoA	-7,96087512	0,013	0,310
CHR2	17383438	CHR2:17383438	SSF x LoA	-10,4327769	-0,058	0,302
CHR2	17383465	CHR2:17383465	SSF x LoA	-10,6712365	0,031	0,302
CHR2	17383533	CHR2:17383533	SSF x LoA	-9,9721167	-0,092	0,298
CHR2	17396802	CHR2:17396802	SSF x LoA	-11,4779651	0,053	0,312
CHR2	17396838	CHR2:17396838	SSF x LoA	-9,64051502	0,045	0,316
CHR2	17396892	CHR2:17396892	SSF x LoA	-10,4607281	0,048	0,302
CHR2	17396907	CHR2:17396907	SSF x LoA	-11,0743707	0,063	0,303
CHR2	17409644	CHR2:17409644	SSF x LoA	-8,61817456	0,069	0,305

CHR2	17411856	CHR2:17411856	SSF x LoA	1,60881944	0,058	0,316
CHR2	17411890	CHR2:17411890	SSF x LoA	-10,732402	0,063	0,312
CHR2	17411922	CHR2:17411922	SSF x LoA	-6,84565901	-0,075	0,319
CHR2	17411925	CHR2:17411925	SSF x LoA	-10,2746886	0,041	0,308
CHR2	17443636	CHR2:17443636	SSF x LoA	-9,85619069	-0,106	0,301
CHR2	17443738	CHR2:17443738	SSF x LoA	-10,7677256	-0,020	0,307
CHR2	17443760	CHR2:17443760	SSF x LoA	-10,8269862	-0,042	0,301
CHR2	17448670	CHR2:17448670	SSF x LoA	-5,8792034	-0,135	0,307
CHR2	17448671	CHR2:17448671	SSF x LoA	-6,27345725	-0,152	0,302
CHR2	17448674	CHR2:17448674	SSF x LoA	-6,59788061	-0,128	0,306
CHR2	17448675	CHR2:17448675	SSF x LoA	-7,58118356	-0,139	0,305
CHR2	17448677	CHR2:17448677	SSF x LoA	-0,10617419	-0,126	0,326
CHR2	17448678	CHR2:17448678	SSF x LoA	-7,69647376	-0,122	0,322
CHR2	17448679	CHR2:17448679	SSF x LoA	-7,02192593	-0,112	0,315
CHR2	17448755	CHR2:17448755	SSF x LoA	-5,98204142	-0,146	0,310
CHR2	17465430	CHR2:17465430	SSF x LoA	-7,61125046	0,007	0,310
CHR2	17465501	CHR2:17465501	SSF x LoA	-8,98728097	0,024	0,309
CHR2	17465536	CHR2:17465536	SSF x LoA	-11,6876916	0,077	0,311
CHR2	17487129	CHR2:17487129	SSF x LoA	-6,79989106	0,160	0,297
CHR2	17487164	CHR2:17487164	SSF x LoA	-10,380167	0,131	0,306
CHR2	17487199	CHR2:17487199	SSF x LoA	-7,38211559	-0,021	0,313
CHR2	17487721	CHR2:17487721	SSF x LoA	-7,02872499	0,195	0,311
CHR2	1749201	CHR2:1749201	SSF x LoA	-11,2895074	-0,111	0,304
CHR2	1749252	CHR2:1749252	SSF x LoA	-11,626891	0,036	0,301
CHR2	17505352	CHR2:17505352	SSF x LoA	-8,88516134	0,006	0,314
CHR2	1751045	CHR2:1751045	SSF x LoA	-10,2186572	-0,070	0,309
CHR2	1751062	CHR2:1751062	SSF x LoA	-10,1882014	0,113	0,297
CHR2	1751135	CHR2:1751135	SSF x LoA	-4,42565522	-0,115	0,295
CHR2	17527118	CHR2:17527118	SSF x LoA	-9,90757606	0,075	0,305
CHR2	17527301	CHR2:17527301	SSF x LoA	-9,02624802	0,077	0,302
CHR2	17536647	CHR2:17536647	SSF x LoA	-4,61101555	-0,204	0,305
CHR2	17536749	CHR2:17536749	SSF x LoA	-9,01520403	-0,056	0,295
CHR2	17557106	CHR2:17557106	SSF x LoA	-9,03567063	0,119	0,297
CHR2	17562455	CHR2:17562455	SSF x LoA	-10,8649947	-0,004	0,308
CHR2	17569723	CHR2:17569723	SSF x LoA	-11,6606043	-0,005	0,302
CHR2	17569737	CHR2:17569737	SSF x LoA	-8,22008663	-0,027	0,312
CHR2	17569795	CHR2:17569795	SSF x LoA	-10,9278066	0,001	0,318
CHR2	17582171	CHR2:17582171	SSF x LoA	-10,2038256	-0,013	0,315
CHR2	17582264	CHR2:17582264	SSF x LoA	-9,67712527	-0,005	0,311
CHR2	17591769	CHR2:17591769	SSF x LoA	-8,59843041	0,022	0,303
CHR2	17594943	CHR2:17594943	SSF x LoA	-5,4381299	-0,092	0,292
CHR2	17594965	CHR2:17594965	SSF x LoA	-11,2372047	0,030	0,301
CHR2	17599758	CHR2:17599758	SSF x LoA	-11,1099161	-0,046	0,291
CHR2	17603375	CHR2:17603375	SSF x LoA	-10,4622975	-0,030	0,302
CHR2	17603407	CHR2:17603407	SSF x LoA	-10,0844118	-0,058	0,317
CHR2	17603429	CHR2:17603429	SSF x LoA	-8,30717104	-0,107	0,289
CHR2	17603457	CHR2:17603457	SSF x LoA	-10,3116436	-0,024	0,303
CHR2	17608675	CHR2:17608675	SSF x LoA	-7,9482966	0,116	0,284
CHR2	17608688	CHR2:17608688	SSF x LoA	-7,41847885	-0,061	0,323
CHR2	17612116	CHR2:17612116	SSF x LoA	-9,98584434	-0,032	0,319
CHR2	17612176	CHR2:17612176	SSF x LoA	-8,03113488	-0,024	0,306
CHR2	17612186	CHR2:17612186	SSF x LoA	-8,63979148	-0,026	0,336
CHR2	17612363	CHR2:17612363	SSF x LoA	-8,8377594	0,024	0,290

CHR2	17635404	CHR2:17635404	SSF x LoA	-7,12463735	0,129	0,296
CHR2	17644960	CHR2:17644960	SSF x LoA	-5,67307807	-0,105	0,307
CHR2	17703913	CHR2:17703913	SSF x LoA	-10,3454307	0,006	0,294
CHR2	17703994	CHR2:17703994	SSF x LoA	-10,9507842	-0,076	0,307
CHR2	17704093	CHR2:17704093	SSF x LoA	-7,98180037	-0,106	0,304
CHR2	17709586	CHR2:17709586	SSF x LoA	-9,4575099	0,078	0,309
CHR2	17709589	CHR2:17709589	SSF x LoA	-7,18107177	-0,060	0,305
CHR2	17718447	CHR2:17718447	SSF x LoA	-10,1172102	0,078	0,311
CHR2	17718460	CHR2:17718460	SSF x LoA	-10,313705	0,081	0,312
CHR2	17718467	CHR2:17718467	SSF x LoA	-6,08597311	0,079	0,317
CHR2	17724363	CHR2:17724363	SSF x LoA	-9,98953818	-0,032	0,301
CHR2	17724439	CHR2:17724439	SSF x LoA	-8,53860691	-0,079	0,304
CHR2	17732009	CHR2:17732009	SSF x LoA	-10,1988775	-0,022	0,306
CHR2	17732090	CHR2:17732090	SSF x LoA	-5,51276075	0,142	0,303
CHR2	1775257	CHR2:1775257	SSF x LoA	-6,9328252	0,049	0,307
CHR2	1775406	CHR2:1775406	SSF x LoA	-7,87315946	0,099	0,309
CHR2	1775415	CHR2:1775415	SSF x LoA	-10,5012571	0,064	0,312
CHR2	1775426	CHR2:1775426	SSF x LoA	-3,79894554	-0,030	0,313
CHR2	17769401	CHR2:17769401	SSF x LoA	-8,98447328	0,126	0,311
CHR2	17769535	CHR2:17769535	SSF x LoA	-9,50430537	0,056	0,300
CHR2	17769588	CHR2:17769588	SSF x LoA	-9,15107989	0,048	0,312
CHR2	17777487	CHR2:17777487	SSF x LoA	-8,44698212	0,054	0,306
CHR2	17777534	CHR2:17777534	SSF x LoA	-9,77595995	0,070	0,304
CHR2	17777642	CHR2:17777642	SSF x LoA	-10,7561084	0,003	0,299
CHR2	17780268	CHR2:17780268	SSF x LoA	-7,24623529	-0,072	0,314
CHR2	17787224	CHR2:17787224	SSF x LoA	-10,5102135	-0,006	0,311
CHR2	17787272	CHR2:17787272	SSF x LoA	-10,4566873	0,001	0,296
CHR2	17793633	CHR2:17793633	SSF x LoA	-8,57801876	-0,053	0,314
CHR2	17801076	CHR2:17801076	SSF x LoA	-8,53437294	-0,019	0,324
CHR2	17801203	CHR2:17801203	SSF x LoA	-7,94928345	-0,089	0,311
CHR2	17815481	CHR2:17815481	SSF x LoA	-6,40813687	-0,134	0,301
CHR2	17815705	CHR2:17815705	SSF x LoA	-5,59217241	-0,096	0,302
CHR2	17815716	CHR2:17815716	SSF x LoA	-9,85556887	-0,033	0,314
CHR2	17820851	CHR2:17820851	SSF x LoA	-10,3551261	0,039	0,312
CHR2	17820908	CHR2:17820908	SSF x LoA	-8,50283901	0,075	0,307
CHR2	17820977	CHR2:17820977	SSF x LoA	-11,3251874	0,160	0,294
CHR2	17821019	CHR2:17821019	SSF x LoA	-7,76486922	-0,082	0,297
CHR2	1782363	CHR2:1782363	SSF x LoA	-8,59671398	-0,084	0,320
CHR2	1782470	CHR2:1782470	SSF x LoA	-10,3731455	0,078	0,307
CHR2	17827684	CHR2:17827684	SSF x LoA	-9,49947033	-0,138	0,304
CHR2	17827709	CHR2:17827709	SSF x LoA	-10,9576605	0,004	0,312
CHR2	17827755	CHR2:17827755	SSF x LoA	-9,72989638	-0,072	0,312
CHR2	17827772	CHR2:17827772	SSF x LoA	3,36673912	-0,144	0,302
CHR2	17827822	CHR2:17827822	SSF x LoA	-12,0139979	0,005	0,302
CHR2	17827853	CHR2:17827853	SSF x LoA	-11,8143821	-0,020	0,311
CHR2	17839090	CHR2:17839090	SSF x LoA	-4,99092025	0,067	0,313
CHR2	17839091	CHR2:17839091	SSF x LoA	-8,77794807	0,093	0,312
CHR2	17848209	CHR2:17848209	SSF x LoA	-7,64166751	-0,006	0,332
CHR2	17848260	CHR2:17848260	SSF x LoA	-9,1998115	-0,001	0,312
CHR2	17848374	CHR2:17848374	SSF x LoA	-6,92429476	0,169	0,316
CHR2	17875760	CHR2:17875760	SSF x LoA	-10,098735	0,020	0,312
CHR2	1787952	CHR2:1787952	SSF x LoA	-11,0374399	-0,020	0,300
CHR2	1788036	CHR2:1788036	SSF x LoA	-9,58850128	0,047	0,302

CHR2	1788044	CHR2:1788044	SSF x LoA	-9,43778715	-0,025	0,316
CHR2	1788117	CHR2:1788117	SSF x LoA	-10,7237216	0,010	0,316
CHR2	1788118	CHR2:1788118	SSF x LoA	-10,0961066	0,006	0,314
CHR2	1788196	CHR2:1788196	SSF x LoA	-7,12843062	-0,022	0,302
CHR2	1788212	CHR2:1788212	SSF x LoA	-11,1736478	-0,098	0,289
CHR2	17898496	CHR2:17898496	SSF x LoA	-7,4042462	-0,080	0,296
CHR2	17963492	CHR2:17963492	SSF x LoA	-11,1445761	0,025	0,319
CHR2	17963545	CHR2:17963545	SSF x LoA	-12,21306	-0,028	0,297
CHR2	1797974	CHR2:1797974	SSF x LoA	-8,77724327	0,167	0,298
CHR2	1797988	CHR2:1797988	SSF x LoA	-9,6998303	0,056	0,310
CHR2	1798005	CHR2:1798005	SSF x LoA	-5,15217505	0,163	0,298
CHR2	17985737	CHR2:17985737	SSF x LoA	-7,39281485	-0,093	0,299
CHR2	18005668	CHR2:18005668	SSF x LoA	-6,80316796	-0,173	0,295
CHR2	1801125	CHR2:1801125	SSF x LoA	-8,40851139	0,064	0,320
CHR2	1801163	CHR2:1801163	SSF x LoA	-10,5663806	-0,034	0,313
CHR2	1801213	CHR2:1801213	SSF x LoA	-10,5980941	0,082	0,293
CHR2	1801229	CHR2:1801229	SSF x LoA	-9,66760173	-0,001	0,310
CHR2	18054812	CHR2:18054812	SSF x LoA	-8,25066538	-0,097	0,304
CHR2	1806258	CHR2:1806258	SSF x LoA	-9,92862359	0,066	0,304
CHR2	18072579	CHR2:18072579	SSF x LoA	-10,7821186	0,012	0,292
CHR2	180927	CHR2:180927	SSF x LoA	-8,60508756	0,024	0,312
CHR2	18095703	CHR2:18095703	SSF x LoA	-10,8404823	-0,045	0,310
CHR2	180964	CHR2:180964	SSF x LoA	-8,99754365	0,033	0,308
CHR2	180970	CHR2:180970	SSF x LoA	-8,12072346	-0,013	0,331
CHR2	180980	CHR2:180980	SSF x LoA	-7,9988259	0,015	0,314
CHR2	180994	CHR2:180994	SSF x LoA	-8,64499463	0,029	0,318
CHR2	180996	CHR2:180996	SSF x LoA	-7,35454556	-0,002	0,331
CHR2	181009	CHR2:181009	SSF x LoA	-7,95317093	0,036	0,317
CHR2	181010	CHR2:181010	SSF x LoA	-7,0480953	0,000	0,318
CHR2	181036	CHR2:181036	SSF x LoA	-8,24216811	0,006	0,317
CHR2	181038	CHR2:181038	SSF x LoA	-8,79925263	-0,005	0,323
CHR2	181052	CHR2:181052	SSF x LoA	-8,50261485	0,000	0,317
CHR2	181055	CHR2:181055	SSF x LoA	-8,54514284	-0,005	0,318
CHR2	18131381	CHR2:18131381	SSF x LoA	-11,8398533	0,062	0,306
CHR2	18147062	CHR2:18147062	SSF x LoA	-9,24078578	-0,030	0,327
CHR2	18147065	CHR2:18147065	SSF x LoA	-9,37426321	-0,010	0,304
CHR2	18147185	CHR2:18147185	SSF x LoA	-8,42395797	-0,010	0,323
CHR2	18147211	CHR2:18147211	SSF x LoA	-8,3754543	0,021	0,321
CHR2	18147245	CHR2:18147245	SSF x LoA	-7,80470305	0,021	0,314
CHR2	18147251	CHR2:18147251	SSF x LoA	-8,43425683	-0,019	0,328
CHR2	18147350	CHR2:18147350	SSF x LoA	-7,10353868	0,011	0,324
CHR2	18147416	CHR2:18147416	SSF x LoA	-7,38468075	0,003	0,323
CHR2	18147466	CHR2:18147466	SSF x LoA	-7,71252123	-0,003	0,323
CHR2	18147484	CHR2:18147484	SSF x LoA	-6,74950409	0,003	0,322
CHR2	18174862	CHR2:18174862	SSF x LoA	-10,8949326	-0,021	0,298
CHR2	1824395	CHR2:1824395	SSF x LoA	-0,91031185	-0,045	0,299
CHR2	1824445	CHR2:1824445	SSF x LoA	-11,6090238	-0,089	0,293
CHR2	1827815	CHR2:1827815	SSF x LoA	-9,80327116	0,113	0,297
CHR2	1843547	CHR2:1843547	SSF x LoA	-7,24815333	0,118	0,311
CHR2	1847370	CHR2:1847370	SSF x LoA	-4,97255713	0,091	0,305
CHR2	1850031	CHR2:1850031	SSF x LoA	-8,42901421	-0,152	0,299
CHR2	1850102	CHR2:1850102	SSF x LoA	-11,6182116	0,023	0,319
CHR2	1866182	CHR2:1866182	SSF x LoA	-8,60064111	-0,109	0,294

CHR2	1866290	CHR2:1866290	SSF x LoA	0,17145666	-0,175	0,295
CHR2	1866312	CHR2:1866312	SSF x LoA	-8,83982258	-0,090	0,302
CHR2	1872355	CHR2:1872355	SSF x LoA	-11,3335072	0,102	0,299
CHR2	1872388	CHR2:1872388	SSF x LoA	-6,73227965	-0,031	0,309
CHR2	1898235	CHR2:1898235	SSF x LoA	3,94807378	-0,217	0,298
CHR2	1913438	CHR2:1913438	SSF x LoA	-8,85601639	0,096	0,300
CHR2	1913490	CHR2:1913490	SSF x LoA	-10,1258511	0,053	0,305
CHR2	1913494	CHR2:1913494	SSF x LoA	-8,40383656	-0,101	0,296
CHR2	1913541	CHR2:1913541	SSF x LoA	-10,2051946	-0,013	0,317
CHR2	1913543	CHR2:1913543	SSF x LoA	-10,046325	0,002	0,286
CHR2	1913660	CHR2:1913660	SSF x LoA	-10,0061859	-0,051	0,298
CHR2	1913670	CHR2:1913670	SSF x LoA	-9,01833593	0,061	0,297
CHR2	1915322	CHR2:1915322	SSF x LoA	-8,75845964	0,201	0,302
CHR2	1915330	CHR2:1915330	SSF x LoA	-8,29116127	0,201	0,282
CHR2	1915415	CHR2:1915415	SSF x LoA	-8,7919481	-0,063	0,291
CHR2	1915422	CHR2:1915422	SSF x LoA	-9,38346448	-0,103	0,310
CHR2	1915483	CHR2:1915483	SSF x LoA	-10,8594347	-0,087	0,309
CHR2	1915536	CHR2:1915536	SSF x LoA	-10,1737137	-0,030	0,312
CHR2	1915557	CHR2:1915557	SSF x LoA	-8,22042525	-0,092	0,303
CHR2	1923031	CHR2:1923031	SSF x LoA	-8,62655666	0,063	0,314
CHR2	1923056	CHR2:1923056	SSF x LoA	-7,26457876	0,046	0,313
CHR2	1923093	CHR2:1923093	SSF x LoA	-10,5307413	-0,005	0,317
CHR2	1924336	CHR2:1924336	SSF x LoA	-7,7032767	0,117	0,275
CHR2	1924340	CHR2:1924340	SSF x LoA	-3,6190809	0,142	0,288
CHR2	1924352	CHR2:1924352	SSF x LoA	-7,54680529	-0,208	0,294
CHR2	1924391	CHR2:1924391	SSF x LoA	-10,7499237	-0,086	0,302
CHR2	1924446	CHR2:1924446	SSF x LoA	-9,81598119	-0,021	0,296
CHR2	1958674	CHR2:1958674	SSF x LoA	-11,0897236	-0,017	0,299
CHR2	1958795	CHR2:1958795	SSF x LoA	-8,6941385	-0,013	0,311
CHR2	1958814	CHR2:1958814	SSF x LoA	-9,50396045	0,047	0,313
CHR2	1958830	CHR2:1958830	SSF x LoA	-10,7881288	-0,053	0,299
CHR2	1958853	CHR2:1958853	SSF x LoA	-10,3626029	0,051	0,315
CHR2	1958872	CHR2:1958872	SSF x LoA	-8,18782168	-0,016	0,312
CHR2	1960372	CHR2:1960372	SSF x LoA	-6,38303978	0,051	0,307
CHR2	1960426	CHR2:1960426	SSF x LoA	-10,8468205	0,031	0,308
CHR2	1960438	CHR2:1960438	SSF x LoA	-9,85304825	0,005	0,311
CHR2	1960899	CHR2:1960899	SSF x LoA	-5,06292528	-0,238	0,275
CHR2	1960931	CHR2:1960931	SSF x LoA	-10,5600206	0,033	0,312
CHR2	1973778	CHR2:1973778	SSF x LoA	-8,7210998	0,081	0,310
CHR2	1973780	CHR2:1973780	SSF x LoA	-7,43016976	0,120	0,318
CHR2	1973808	CHR2:1973808	SSF x LoA	-8,0923031	-0,058	0,301
CHR2	1973812	CHR2:1973812	SSF x LoA	-10,3896111	-0,046	0,297
CHR2	1973819	CHR2:1973819	SSF x LoA	-8,18514037	-0,109	0,289
CHR2	1973829	CHR2:1973829	SSF x LoA	-11,4878361	-0,057	0,294
CHR2	1973836	CHR2:1973836	SSF x LoA	-8,59093949	0,060	0,304
CHR2	1973839	CHR2:1973839	SSF x LoA	-7,00217463	-0,151	0,282
CHR2	1973863	CHR2:1973863	SSF x LoA	-9,72298158	0,083	0,300
CHR2	1973903	CHR2:1973903	SSF x LoA	-9,92765883	-0,050	0,304
CHR2	1973953	CHR2:1973953	SSF x LoA	-6,05649961	0,139	0,323
CHR2	1973959	CHR2:1973959	SSF x LoA	-7,58737954	0,125	0,313
CHR2	1973982	CHR2:1973982	SSF x LoA	-11,1751126	-0,016	0,297
CHR2	1974026	CHR2:1974026	SSF x LoA	-5,71843706	0,092	0,302
CHR2	1974095	CHR2:1974095	SSF x LoA	-10,724859	0,068	0,299

CHR2	1999026	CHR2:1999026	SSF x LoA	-9,67021618	0,042	0,309
CHR2	1999044	CHR2:1999044	SSF x LoA	-9,1055957	0,044	0,309
CHR2	1999062	CHR2:1999062	SSF x LoA	-11,1128835	-0,027	0,302
CHR2	1999065	CHR2:1999065	SSF x LoA	-7,14653019	-0,087	0,319
CHR2	1999101	CHR2:1999101	SSF x LoA	-11,56552	0,072	0,300
CHR2	1999106	CHR2:1999106	SSF x LoA	-9,00474267	-0,109	0,305
CHR2	200744	CHR2:200744	SSF x LoA	-9,01859125	0,021	0,303
CHR2	2010635	CHR2:2010635	SSF x LoA	-9,69068173	-0,008	0,292
CHR2	2019509	CHR2:2019509	SSF x LoA	-7,69893496	0,107	0,313
CHR2	2019511	CHR2:2019511	SSF x LoA	-6,99799337	0,118	0,309
CHR2	2019635	CHR2:2019635	SSF x LoA	-10,9075883	-0,049	0,299
CHR2	2029205	CHR2:2029205	SSF x LoA	-9,03443394	-0,028	0,318
CHR2	2029335	CHR2:2029335	SSF x LoA	-9,41997658	-0,057	0,289
CHR2	2029488	CHR2:2029488	SSF x LoA	-8,4239933	0,102	0,296
CHR2	2029503	CHR2:2029503	SSF x LoA	-11,2832748	0,096	0,307
CHR2	2029597	CHR2:2029597	SSF x LoA	-8,02578779	0,109	0,312
CHR2	2029630	CHR2:2029630	SSF x LoA	-9,45123605	-0,033	0,303
CHR2	2081482	CHR2:2081482	SSF x LoA	-7,07130142	-0,020	0,310
CHR2	2081588	CHR2:2081588	SSF x LoA	-10,441464	-0,021	0,303
CHR2	2081598	CHR2:2081598	SSF x LoA	-11,1164898	-0,040	0,309
CHR2	2082857	CHR2:2082857	SSF x LoA	-7,63215245	-0,141	0,295
CHR2	2082889	CHR2:2082889	SSF x LoA	-1,91443848	-0,099	0,310
CHR2	2083115	CHR2:2083115	SSF x LoA	-8,20550866	-0,080	0,286
CHR2	2083137	CHR2:2083137	SSF x LoA	-7,88352624	-0,074	0,298
CHR2	2083139	CHR2:2083139	SSF x LoA	-9,99585569	-0,047	0,313
CHR2	2083140	CHR2:2083140	SSF x LoA	-7,44631651	-0,091	0,304
CHR2	2083145	CHR2:2083145	SSF x LoA	-11,65963	-0,061	0,311
CHR2	2083204	CHR2:2083204	SSF x LoA	-8,48169852	-0,082	0,301
CHR2	2083212	CHR2:2083212	SSF x LoA	-10,4590909	0,084	0,319
CHR2	2092177	CHR2:2092177	SSF x LoA	-9,62681411	0,135	0,298
CHR2	2092214	CHR2:2092214	SSF x LoA	-8,89299751	0,097	0,308
CHR2	2092385	CHR2:2092385	SSF x LoA	-10,9731743	0,051	0,299
CHR2	2092436	CHR2:2092436	SSF x LoA	-8,96888857	0,059	0,299
CHR2	2112890	CHR2:2112890	SSF x LoA	-8,60353594	0,049	0,304
CHR2	2112924	CHR2:2112924	SSF x LoA	-9,04334526	-0,032	0,318
CHR2	2112945	CHR2:2112945	SSF x LoA	-8,49486861	0,000	0,297
CHR2	2112947	CHR2:2112947	SSF x LoA	-8,50112383	-0,040	0,312
CHR2	2112958	CHR2:2112958	SSF x LoA	-7,48030888	0,115	0,312
CHR2	2112970	CHR2:2112970	SSF x LoA	-9,19299584	-0,040	0,329
CHR2	2112976	CHR2:2112976	SSF x LoA	-8,8685636	0,081	0,287
CHR2	2112985	CHR2:2112985	SSF x LoA	-9,37892025	-0,040	0,313
CHR2	2113039	CHR2:2113039	SSF x LoA	-8,82072976	-0,073	0,310
CHR2	2113087	CHR2:2113087	SSF x LoA	-7,68238792	-0,075	0,319
CHR2	2114955	CHR2:2114955	SSF x LoA	-10,0479401	-0,010	0,309
CHR2	2124074	CHR2:2124074	SSF x LoA	-8,551347	0,104	0,303
CHR2	2124116	CHR2:2124116	SSF x LoA	-11,4788836	0,014	0,322
CHR2	2134269	CHR2:2134269	SSF x LoA	-10,8656539	0,008	0,309
CHR2	2134319	CHR2:2134319	SSF x LoA	-7,78633133	0,036	0,299
CHR2	2134342	CHR2:2134342	SSF x LoA	-9,8518641	-0,013	0,303
CHR2	2134405	CHR2:2134405	SSF x LoA	-7,97720205	-0,057	0,309
CHR2	2134416	CHR2:2134416	SSF x LoA	-9,64356975	0,052	0,301
CHR2	2134457	CHR2:2134457	SSF x LoA	-10,9580633	-0,001	0,322
CHR2	2134459	CHR2:2134459	SSF x LoA	-5,91251309	0,142	0,308

CHR2	2134470	CHR2:2134470	SSF x LoA	-8,99915073	-0,001	0,300
CHR2	2138811	CHR2:2138811	SSF x LoA	-10,1487119	0,113	0,322
CHR2	2138876	CHR2:2138876	SSF x LoA	-8,36613652	-0,159	0,308
CHR2	2138914	CHR2:2138914	SSF x LoA	-10,5637009	-0,151	0,286
CHR2	2138971	CHR2:2138971	SSF x LoA	-9,29662425	0,030	0,314
CHR2	2139014	CHR2:2139014	SSF x LoA	-10,3498109	-0,003	0,318
CHR2	2139020	CHR2:2139020	SSF x LoA	-9,85258001	0,021	0,306
CHR2	2139090	CHR2:2139090	SSF x LoA	-9,51407664	0,000	0,299
CHR2	2143436	CHR2:2143436	SSF x LoA	-9,34215117	-0,047	0,317
CHR2	2143442	CHR2:2143442	SSF x LoA	-11,0900783	-0,022	0,320
CHR2	2143448	CHR2:2143448	SSF x LoA	-10,2626248	-0,016	0,306
CHR2	2143488	CHR2:2143488	SSF x LoA	-10,6085777	-0,062	0,302
CHR2	2143496	CHR2:2143496	SSF x LoA	-6,36658748	-0,174	0,306
CHR2	2143515	CHR2:2143515	SSF x LoA	-5,65489609	0,115	0,311
CHR2	2143556	CHR2:2143556	SSF x LoA	-6,20368869	-0,156	0,303
CHR2	2143566	CHR2:2143566	SSF x LoA	-8,42322106	-0,072	0,309
CHR2	2143598	CHR2:2143598	SSF x LoA	-9,18537876	0,131	0,298
CHR2	2143604	CHR2:2143604	SSF x LoA	-9,04422957	-0,103	0,310
CHR2	2143620	CHR2:2143620	SSF x LoA	-8,48768601	-0,167	0,296
CHR2	2156655	CHR2:2156655	SSF x LoA	-8,23577045	-0,030	0,307
CHR2	2156776	CHR2:2156776	SSF x LoA	-10,0785435	0,008	0,308
CHR2	2156877	CHR2:2156877	SSF x LoA	-7,12283413	0,038	0,319
CHR2	2161005	CHR2:2161005	SSF x LoA	-6,28123211	-0,131	0,315
CHR2	2161108	CHR2:2161108	SSF x LoA	-10,1422977	-0,050	0,312
CHR2	2174100	CHR2:2174100	SSF x LoA	-8,78629401	0,055	0,316
CHR2	2174180	CHR2:2174180	SSF x LoA	-11,3375652	0,058	0,297
CHR2	2176697	CHR2:2176697	SSF x LoA	-11,2036674	-0,031	0,319
CHR2	2176777	CHR2:2176777	SSF x LoA	-7,95688981	-0,009	0,311
CHR2	2201733	CHR2:2201733	SSF x LoA	-10,3584904	-0,004	0,289
CHR2	2210824	CHR2:2210824	SSF x LoA	-2,31024962	-0,017	0,308
CHR2	2210826	CHR2:2210826	SSF x LoA	-9,27965182	0,040	0,307
CHR2	2210930	CHR2:2210930	SSF x LoA	-8,42013787	0,018	0,313
CHR2	2210931	CHR2:2210931	SSF x LoA	-9,44765019	-0,041	0,297
CHR2	2210990	CHR2:2210990	SSF x LoA	-10,3300224	-0,030	0,301
CHR2	2211039	CHR2:2211039	SSF x LoA	-10,3956543	0,103	0,313
CHR2	2211064	CHR2:2211064	SSF x LoA	-9,76108042	-0,104	0,293
CHR2	2217231	CHR2:2217231	SSF x LoA	-11,9867815	-0,067	0,299
CHR2	2223074	CHR2:2223074	SSF x LoA	-10,5450119	-0,011	0,325
CHR2	2223077	CHR2:2223077	SSF x LoA	-8,94085849	0,060	0,294
CHR2	2223298	CHR2:2223298	SSF x LoA	-10,3224777	0,082	0,311
CHR2	2223321	CHR2:2223321	SSF x LoA	-5,49421725	-0,154	0,307
CHR2	2229247	CHR2:2229247	SSF x LoA	-10,1533133	0,087	0,302
CHR2	2229289	CHR2:2229289	SSF x LoA	-9,46047978	0,004	0,309
CHR2	2229351	CHR2:2229351	SSF x LoA	-6,85932892	0,079	0,300
CHR2	2229389	CHR2:2229389	SSF x LoA	-9,62039609	0,036	0,305
CHR2	2247848	CHR2:2247848	SSF x LoA	-8,7372126	0,022	0,309
CHR2	2247889	CHR2:2247889	SSF x LoA	-8,9620975	-0,125	0,300
CHR2	2247957	CHR2:2247957	SSF x LoA	-7,63327192	-0,195	0,293
CHR2	2247975	CHR2:2247975	SSF x LoA	-7,68267451	0,161	0,295
CHR2	2248046	CHR2:2248046	SSF x LoA	-7,98573556	-0,077	0,307
CHR2	2273116	CHR2:2273116	SSF x LoA	-9,41755962	-0,088	0,291
CHR2	2273119	CHR2:2273119	SSF x LoA	-10,8308201	0,050	0,319
CHR2	2273150	CHR2:2273150	SSF x LoA	-11,1565318	-0,025	0,313

CHR2	2273197	CHR2:2273197	SSF x LoA	-6,88434074	0,171	0,298
CHR2	2273261	CHR2:2273261	SSF x LoA	-8,93108687	0,017	0,312
CHR2	2273266	CHR2:2273266	SSF x LoA	-6,42086652	0,064	0,313
CHR2	2273313	CHR2:2273313	SSF x LoA	-7,93376381	0,000	0,312
CHR2	2287140	CHR2:2287140	SSF x LoA	-9,24672493	-0,015	0,306
CHR2	2287289	CHR2:2287289	SSF x LoA	-3,1994533	0,071	0,306
CHR2	2287373	CHR2:2287373	SSF x LoA	-2,40882123	0,179	0,300
CHR2	2297318	CHR2:2297318	SSF x LoA	-3,72861508	0,033	0,308
CHR2	2299633	CHR2:2299633	SSF x LoA	-9,16432763	0,065	0,296
CHR2	2299640	CHR2:2299640	SSF x LoA	-9,11441625	0,055	0,306
CHR2	2299641	CHR2:2299641	SSF x LoA	-7,89223066	0,040	0,304
CHR2	2299656	CHR2:2299656	SSF x LoA	-7,47254408	0,068	0,298
CHR2	2299672	CHR2:2299672	SSF x LoA	-9,26981182	0,011	0,310
CHR2	2299681	CHR2:2299681	SSF x LoA	-9,34124597	-0,028	0,296
CHR2	2299685	CHR2:2299685	SSF x LoA	-10,7868185	0,007	0,308
CHR2	2299697	CHR2:2299697	SSF x LoA	-11,0364689	-0,049	0,299
CHR2	2312084	CHR2:2312084	SSF x LoA	-5,11308092	0,112	0,304
CHR2	2312123	CHR2:2312123	SSF x LoA	-10,3990582	-0,010	0,320
CHR2	2312181	CHR2:2312181	SSF x LoA	-8,92657397	-0,091	0,312
CHR2	2312187	CHR2:2312187	SSF x LoA	-10,7222932	-0,021	0,321
CHR2	2314627	CHR2:2314627	SSF x LoA	-6,26282868	0,142	0,310
CHR2	2314715	CHR2:2314715	SSF x LoA	-6,87113795	0,058	0,319
CHR2	2314766	CHR2:2314766	SSF x LoA	-8,03168518	-0,069	0,309
CHR2	2335953	CHR2:2335953	SSF x LoA	-6,83084226	0,058	0,311
CHR2	2341149	CHR2:2341149	SSF x LoA	-9,57361437	-0,120	0,306
CHR2	2341217	CHR2:2341217	SSF x LoA	-10,4885718	-0,154	0,292
CHR2	2341587	CHR2:2341587	SSF x LoA	-8,12085509	-0,001	0,318
CHR2	2341660	CHR2:2341660	SSF x LoA	-7,9673611	0,034	0,317
CHR2	2343126	CHR2:2343126	SSF x LoA	-8,13943992	-0,020	0,311
CHR2	2349818	CHR2:2349818	SSF x LoA	-10,2023449	-0,015	0,304
CHR2	2349830	CHR2:2349830	SSF x LoA	-7,16749326	-0,114	0,298
CHR2	2349930	CHR2:2349930	SSF x LoA	-1,57558725	0,084	0,296
CHR2	2349941	CHR2:2349941	SSF x LoA	-12,5063849	-0,045	0,291
CHR2	2349967	CHR2:2349967	SSF x LoA	-9,91776846	-0,087	0,308
CHR2	2349991	CHR2:2349991	SSF x LoA	-9,08961589	0,076	0,326
CHR2	2361190	CHR2:2361190	SSF x LoA	-8,12661253	-0,009	0,302
CHR2	2361282	CHR2:2361282	SSF x LoA	-10,4339738	-0,044	0,308
CHR2	2361285	CHR2:2361285	SSF x LoA	-10,1154233	-0,011	0,306
CHR2	2376792	CHR2:2376792	SSF x LoA	-7,23122997	-0,110	0,308
CHR2	2380576	CHR2:2380576	SSF x LoA	-6,35101646	-0,025	0,305
CHR2	2380582	CHR2:2380582	SSF x LoA	-8,45722415	-0,041	0,317
CHR2	2380600	CHR2:2380600	SSF x LoA	-10,7487624	0,019	0,299
CHR2	2380874	CHR2:2380874	SSF x LoA	-7,91532761	-0,042	0,312
CHR2	2380937	CHR2:2380937	SSF x LoA	-6,62321295	-0,141	0,297
CHR2	2380963	CHR2:2380963	SSF x LoA	-10,5703267	0,025	0,307
CHR2	2380980	CHR2:2380980	SSF x LoA	-10,1224258	0,017	0,300
CHR2	2397657	CHR2:2397657	SSF x LoA	-9,53958655	0,019	0,305
CHR2	2397898	CHR2:2397898	SSF x LoA	-8,20073958	-0,109	0,293
CHR2	2409688	CHR2:2409688	SSF x LoA	-10,165394	0,110	0,314
CHR2	2411380	CHR2:2411380	SSF x LoA	-10,9869809	-0,087	0,293
CHR2	2411417	CHR2:2411417	SSF x LoA	-9,00669661	0,102	0,309
CHR2	2411500	CHR2:2411500	SSF x LoA	-9,23658298	0,068	0,305
CHR2	2411976	CHR2:2411976	SSF x LoA	-8,12743393	0,087	0,306

CHR2	2414002	CHR2:2414002	SSF x LoA	-7,03486044	0,158	0,289
CHR2	2414025	CHR2:2414025	SSF x LoA	-8,97758631	0,171	0,291
CHR2	2414037	CHR2:2414037	SSF x LoA	-6,97585963	0,145	0,302
CHR2	2414051	CHR2:2414051	SSF x LoA	-12,5716138	-0,022	0,306
CHR2	2423438	CHR2:2423438	SSF x LoA	-7,9515022	-0,077	0,304
CHR2	2439353	CHR2:2439353	SSF x LoA	-12,7052441	-0,016	0,293
CHR2	2439387	CHR2:2439387	SSF x LoA	-9,98884496	0,130	0,299
CHR2	2449522	CHR2:2449522	SSF x LoA	-8,57856126	0,026	0,308
CHR2	2449526	CHR2:2449526	SSF x LoA	-8,8878159	0,014	0,311
CHR2	2449637	CHR2:2449637	SSF x LoA	-9,45349301	-0,075	0,317
CHR2	2546963	CHR2:2546963	SSF x LoA	-9,47428889	-0,095	0,293
CHR2	2547058	CHR2:2547058	SSF x LoA	-10,0276138	-0,014	0,301
CHR2	2554087	CHR2:2554087	SSF x LoA	-8,07934454	0,107	0,317
CHR2	2557133	CHR2:2557133	SSF x LoA	-7,57848609	-0,162	0,294
CHR2	2557134	CHR2:2557134	SSF x LoA	-5,50398085	-0,170	0,294
CHR2	2557161	CHR2:2557161	SSF x LoA	-10,2268792	-0,031	0,313
CHR2	2557166	CHR2:2557166	SSF x LoA	-9,57848251	-0,186	0,301
CHR2	2557170	CHR2:2557170	SSF x LoA	-8,58017952	-0,157	0,310
CHR2	2557179	CHR2:2557179	SSF x LoA	-5,99636343	0,189	0,295
CHR2	2557185	CHR2:2557185	SSF x LoA	-7,36379164	-0,041	0,316
CHR2	2557204	CHR2:2557204	SSF x LoA	-8,45951231	-0,047	0,303
CHR2	2557239	CHR2:2557239	SSF x LoA	-10,8371277	-0,014	0,303
CHR2	2564699	CHR2:2564699	SSF x LoA	-7,52097999	0,171	0,296
CHR2	2564713	CHR2:2564713	SSF x LoA	-8,23046343	0,144	0,308
CHR2	2564758	CHR2:2564758	SSF x LoA	-8,37550696	-0,064	0,300
CHR2	2564781	CHR2:2564781	SSF x LoA	-9,39025492	0,182	0,297
CHR2	2569973	CHR2:2569973	SSF x LoA	-10,3826453	0,070	0,305
CHR2	2575186	CHR2:2575186	SSF x LoA	-10,3316068	0,041	0,308
CHR2	2575210	CHR2:2575210	SSF x LoA	-9,12816742	-0,073	0,289
CHR2	2577145	CHR2:2577145	SSF x LoA	-9,14548516	0,015	0,326
CHR2	2581857	CHR2:2581857	SSF x LoA	-10,2273026	-0,090	0,297
CHR2	2589552	CHR2:2589552	SSF x LoA	-9,1193579	-0,074	0,303
CHR2	2589570	CHR2:2589570	SSF x LoA	4,76757108	-0,056	0,313
CHR2	2589581	CHR2:2589581	SSF x LoA	-8,80352087	-0,075	0,288
CHR2	2597814	CHR2:2597814	SSF x LoA	-7,37793611	-0,139	0,304
CHR2	2603307	CHR2:2603307	SSF x LoA	-8,18982463	0,008	0,318
CHR2	2605429	CHR2:2605429	SSF x LoA	-5,58755826	0,089	0,295
CHR2	2607533	CHR2:2607533	SSF x LoA	-5,71598318	0,180	0,293
CHR2	2607537	CHR2:2607537	SSF x LoA	-5,22035902	0,179	0,291
CHR2	2607555	CHR2:2607555	SSF x LoA	-5,50983239	0,173	0,302
CHR2	2607652	CHR2:2607652	SSF x LoA	-9,82354541	0,001	0,298
CHR2	2614834	CHR2:2614834	SSF x LoA	-10,5826844	0,007	0,308
CHR2	2617515	CHR2:2617515	SSF x LoA	-3,50264687	0,064	0,293
CHR2	2617516	CHR2:2617516	SSF x LoA	-10,798672	0,040	0,299
CHR2	2617727	CHR2:2617727	SSF x LoA	-10,3325597	0,071	0,318
CHR2	2617728	CHR2:2617728	SSF x LoA	-11,3485244	0,049	0,297
CHR2	2617765	CHR2:2617765	SSF x LoA	-9,3973868	-0,087	0,295
CHR2	2620599	CHR2:2620599	SSF x LoA	-9,47390465	-0,096	0,310
CHR2	2645130	CHR2:2645130	SSF x LoA	-10,8580195	-0,101	0,300
CHR2	2645150	CHR2:2645150	SSF x LoA	-8,38152605	-0,032	0,310
CHR2	2645167	CHR2:2645167	SSF x LoA	-6,63471412	0,003	0,309
CHR2	2645173	CHR2:2645173	SSF x LoA	-9,66739007	-0,013	0,316
CHR2	2645217	CHR2:2645217	SSF x LoA	-10,291483	-0,075	0,315

CHR2	2645235	CHR2:2645235	SSF x LoA	-9,83878468	0,010	0,297
CHR2	2648565	CHR2:2648565	SSF x LoA	-8,82226506	0,035	0,302
CHR2	2648566	CHR2:2648566	SSF x LoA	-5,5314367	0,031	0,302
CHR2	2648567	CHR2:2648567	SSF x LoA	-7,98528568	0,036	0,316
CHR2	2648568	CHR2:2648568	SSF x LoA	-8,38724383	-0,001	0,304
CHR2	2648569	CHR2:2648569	SSF x LoA	-11,0715401	0,027	0,309
CHR2	2658502	CHR2:2658502	SSF x LoA	-8,92197063	0,104	0,306
CHR2	2658542	CHR2:2658542	SSF x LoA	-10,0408834	-0,037	0,299
CHR2	2658605	CHR2:2658605	SSF x LoA	-7,78991565	-0,028	0,313
CHR2	2658639	CHR2:2658639	SSF x LoA	-10,6641772	-0,187	0,297
CHR2	2662070	CHR2:2662070	SSF x LoA	-8,69098585	-0,047	0,296
CHR2	2662078	CHR2:2662078	SSF x LoA	-6,81218254	-0,184	0,289
CHR2	2662125	CHR2:2662125	SSF x LoA	-8,53159534	0,018	0,304
CHR2	2662172	CHR2:2662172	SSF x LoA	-7,33489452	0,139	0,295
CHR2	2673304	CHR2:2673304	SSF x LoA	-9,54519138	-0,018	0,301
CHR2	2673327	CHR2:2673327	SSF x LoA	-9,23363168	0,027	0,297
CHR2	2680243	CHR2:2680243	SSF x LoA	-9,52331103	-0,011	0,303
CHR2	2680462	CHR2:2680462	SSF x LoA	-6,56771994	-0,102	0,306
CHR2	2680485	CHR2:2680485	SSF x LoA	-8,00374788	0,148	0,295
CHR2	2683008	CHR2:2683008	SSF x LoA	-7,72300735	-0,024	0,323
CHR2	2684837	CHR2:2684837	SSF x LoA	-11,5307394	0,011	0,292
CHR2	2684960	CHR2:2684960	SSF x LoA	-10,1109751	-0,005	0,311
CHR2	2701190	CHR2:2701190	SSF x LoA	-9,76716536	0,062	0,299
CHR2	2701226	CHR2:2701226	SSF x LoA	-6,47729728	0,026	0,298
CHR2	2703586	CHR2:2703586	SSF x LoA	-5,30135331	0,195	0,300
CHR2	2703604	CHR2:2703604	SSF x LoA	-8,36691122	0,147	0,300
CHR2	2703608	CHR2:2703608	SSF x LoA	-8,03603146	0,117	0,302
CHR2	2703611	CHR2:2703611	SSF x LoA	-6,8091573	0,161	0,300
CHR2	2703623	CHR2:2703623	SSF x LoA	-9,69616401	0,045	0,304
CHR2	2703649	CHR2:2703649	SSF x LoA	-8,80726186	0,091	0,298
CHR2	2703656	CHR2:2703656	SSF x LoA	-10,0820887	0,122	0,298
CHR2	2703704	CHR2:2703704	SSF x LoA	-7,84691884	0,004	0,316
CHR2	2707889	CHR2:2707889	SSF x LoA	-8,78827131	-0,056	0,304
CHR2	2707916	CHR2:2707916	SSF x LoA	-8,53503344	0,058	0,315
CHR2	2708005	CHR2:2708005	SSF x LoA	-10,4993047	-0,066	0,310
CHR2	2708080	CHR2:2708080	SSF x LoA	-9,43861095	0,052	0,309
CHR2	2720186	CHR2:2720186	SSF x LoA	-8,40453727	-0,048	0,319
CHR2	2720442	CHR2:2720442	SSF x LoA	-11,2026143	-0,047	0,311
CHR2	2720554	CHR2:2720554	SSF x LoA	-10,1818726	-0,026	0,316
CHR2	2720568	CHR2:2720568	SSF x LoA	-9,01232843	-0,052	0,301
CHR2	2724516	CHR2:2724516	SSF x LoA	-8,70845097	0,051	0,308
CHR2	2724520	CHR2:2724520	SSF x LoA	-10,3898612	-0,016	0,315
CHR2	2724575	CHR2:2724575	SSF x LoA	-9,50080316	-0,092	0,307
CHR2	2727390	CHR2:2727390	SSF x LoA	-9,41082941	-0,045	0,295
CHR2	2727399	CHR2:2727399	SSF x LoA	-9,09545738	0,069	0,301
CHR2	2727426	CHR2:2727426	SSF x LoA	-9,02200487	0,105	0,314
CHR2	2727498	CHR2:2727498	SSF x LoA	-8,42396402	-0,073	0,299
CHR2	2727547	CHR2:2727547	SSF x LoA	-10,3959768	-0,021	0,306
CHR2	2727604	CHR2:2727604	SSF x LoA	-8,89002549	-0,030	0,302
CHR2	2729207	CHR2:2729207	SSF x LoA	-8,70044422	0,033	0,309
CHR2	2736201	CHR2:2736201	SSF x LoA	-8,69656119	0,027	0,311
CHR2	2736235	CHR2:2736235	SSF x LoA	-10,4092243	-0,007	0,304
CHR2	2739294	CHR2:2739294	SSF x LoA	-9,45281552	0,022	0,307

CHR2	2739339	CHR2:2739339	SSF x LoA	-9,16514632	-0,033	0,294
CHR2	2739510	CHR2:2739510	SSF x LoA	-9,36701869	-0,080	0,308
CHR2	2751071	CHR2:2751071	SSF x LoA	-8,25623469	-0,003	0,313
CHR2	2751111	CHR2:2751111	SSF x LoA	-8,99253197	-0,019	0,306
CHR2	2754640	CHR2:2754640	SSF x LoA	-5,36439862	0,165	0,294
CHR2	2760230	CHR2:2760230	SSF x LoA	-9,70223331	-0,060	0,292
CHR2	2760328	CHR2:2760328	SSF x LoA	-10,2425887	0,083	0,309
CHR2	2763034	CHR2:2763034	SSF x LoA	-8,3571271	0,059	0,316
CHR2	2763055	CHR2:2763055	SSF x LoA	-9,19647031	-0,090	0,292
CHR2	2768225	CHR2:2768225	SSF x LoA	-7,24773011	0,125	0,308
CHR2	2768234	CHR2:2768234	SSF x LoA	-8,35854545	0,018	0,305
CHR2	2768379	CHR2:2768379	SSF x LoA	-9,89928548	-0,149	0,299
CHR2	2776900	CHR2:2776900	SSF x LoA	-8,86515814	-0,022	0,306
CHR2	2776926	CHR2:2776926	SSF x LoA	-8,56214589	0,016	0,303
CHR2	2776937	CHR2:2776937	SSF x LoA	-11,3289979	0,029	0,300
CHR2	2800742	CHR2:2800742	SSF x LoA	-8,37083867	-0,020	0,305
CHR2	2800795	CHR2:2800795	SSF x LoA	-10,8254345	-0,008	0,298
CHR2	2815815	CHR2:2815815	SSF x LoA	-8,4561874	0,061	0,305
CHR2	2815885	CHR2:2815885	SSF x LoA	-9,12118016	0,097	0,307
CHR2	2815951	CHR2:2815951	SSF x LoA	-7,94224006	-0,119	0,317
CHR2	2820520	CHR2:2820520	SSF x LoA	-9,25851659	-0,054	0,316
CHR2	2824560	CHR2:2824560	SSF x LoA	-4,62192501	-0,112	0,306
CHR2	2824604	CHR2:2824604	SSF x LoA	-8,64663626	-0,082	0,303
CHR2	2824677	CHR2:2824677	SSF x LoA	-10,8442829	0,016	0,300
CHR2	2824678	CHR2:2824678	SSF x LoA	-10,8250036	0,030	0,312
CHR2	2849262	CHR2:2849262	SSF x LoA	-7,27737713	0,133	0,292
CHR2	2851126	CHR2:2851126	SSF x LoA	-8,39279051	0,054	0,319
CHR2	2851138	CHR2:2851138	SSF x LoA	-11,2154553	-0,067	0,292
CHR2	2851139	CHR2:2851139	SSF x LoA	-8,29790555	0,054	0,308
CHR2	2854376	CHR2:2854376	SSF x LoA	-7,9298232	-0,169	0,301
CHR2	2854399	CHR2:2854399	SSF x LoA	-3,53289974	-0,183	0,301
CHR2	2860355	CHR2:2860355	SSF x LoA	-11,0891254	0,119	0,305
CHR2	2868431	CHR2:2868431	SSF x LoA	-10,9646491	0,006	0,311
CHR2	2886755	CHR2:2886755	SSF x LoA	-12,3163881	-0,007	0,304
CHR2	2896222	CHR2:2896222	SSF x LoA	-8,32845352	0,037	0,317
CHR2	2896224	CHR2:2896224	SSF x LoA	-3,19492227	0,045	0,310
CHR2	2897476	CHR2:2897476	SSF x LoA	-9,98971151	-0,068	0,299
CHR2	2910748	CHR2:2910748	SSF x LoA	-8,53743565	0,133	0,304
CHR2	2912241	CHR2:2912241	SSF x LoA	-9,84220358	0,102	0,303
CHR2	2912274	CHR2:2912274	SSF x LoA	-11,2673219	0,005	0,301
CHR2	2913449	CHR2:2913449	SSF x LoA	-9,72684441	0,126	0,305
CHR2	2922550	CHR2:2922550	SSF x LoA	-11,6669037	-0,094	0,294
CHR2	2922584	CHR2:2922584	SSF x LoA	-8,67016691	-0,187	0,295
CHR2	2922606	CHR2:2922606	SSF x LoA	-6,01622	0,137	0,298
CHR2	2925264	CHR2:2925264	SSF x LoA	-9,22557646	0,006	0,297
CHR2	2925319	CHR2:2925319	SSF x LoA	-8,37868419	-0,052	0,311
CHR2	2927031	CHR2:2927031	SSF x LoA	-10,0720627	0,010	0,295
CHR2	2934174	CHR2:2934174	SSF x LoA	-8,90923524	0,016	0,309
CHR2	2934227	CHR2:2934227	SSF x LoA	-8,87273736	-0,014	0,314
CHR2	2934248	CHR2:2934248	SSF x LoA	-7,31146736	-0,008	0,313
CHR2	2934284	CHR2:2934284	SSF x LoA	-7,34836445	-0,075	0,300
CHR2	2934331	CHR2:2934331	SSF x LoA	-7,53431038	-0,118	0,284
CHR2	2934383	CHR2:2934383	SSF x LoA	-9,4551893	-0,020	0,291

CHR2	2934392	CHR2:2934392	SSF x LoA	-11,1358379	-0,017	0,284
CHR2	2936182	CHR2:2936182	SSF x LoA	-9,70739111	-0,082	0,302
CHR2	2936302	CHR2:2936302	SSF x LoA	-10,444742	0,099	0,296
CHR2	2936339	CHR2:2936339	SSF x LoA	-10,0005054	0,114	0,309
CHR2	2936347	CHR2:2936347	SSF x LoA	-8,56015992	0,095	0,306
CHR2	2936427	CHR2:2936427	SSF x LoA	-8,5412429	-0,099	0,306
CHR2	2941240	CHR2:2941240	SSF x LoA	-11,1873978	-0,110	0,308
CHR2	2941308	CHR2:2941308	SSF x LoA	-10,8951888	0,046	0,305
CHR2	2941323	CHR2:2941323	SSF x LoA	-11,0925324	0,016	0,311
CHR2	2941361	CHR2:2941361	SSF x LoA	-3,92854369	0,019	0,323
CHR2	2941498	CHR2:2941498	SSF x LoA	-4,04659055	-0,170	0,293
CHR2	2952000	CHR2:2952000	SSF x LoA	-7,2003769	0,076	0,297
CHR2	2952050	CHR2:2952050	SSF x LoA	-9,09941204	0,031	0,289
CHR2	2952055	CHR2:2952055	SSF x LoA	-10,7723118	0,089	0,303
CHR2	2982305	CHR2:2982305	SSF x LoA	-10,6785291	0,031	0,308
CHR2	2982617	CHR2:2982617	SSF x LoA	-10,0808845	0,013	0,307
CHR2	2985543	CHR2:2985543	SSF x LoA	-6,90353843	0,084	0,316
CHR2	2985570	CHR2:2985570	SSF x LoA	-8,71253738	0,059	0,310
CHR2	2985599	CHR2:2985599	SSF x LoA	-8,34558485	0,067	0,312
CHR2	2989757	CHR2:2989757	SSF x LoA	-8,73609063	-0,069	0,309
CHR2	2989782	CHR2:2989782	SSF x LoA	-8,49905288	0,043	0,285
CHR2	2989833	CHR2:2989833	SSF x LoA	-7,29430082	-0,110	0,313
CHR2	2997156	CHR2:2997156	SSF x LoA	-10,3115233	0,024	0,313
CHR2	2997162	CHR2:2997162	SSF x LoA	-7,51493681	0,078	0,310
CHR2	2998789	CHR2:2998789	SSF x LoA	-5,53318484	-0,172	0,294
CHR2	2998850	CHR2:2998850	SSF x LoA	-7,8364718	-0,080	0,305
CHR2	2998855	CHR2:2998855	SSF x LoA	-9,35000321	0,137	0,295
CHR2	3000828	CHR2:3000828	SSF x LoA	-7,02805642	0,105	0,308
CHR2	3024870	CHR2:3024870	SSF x LoA	-8,06449823	0,157	0,302
CHR2	3027539	CHR2:3027539	SSF x LoA	-11,8084262	0,089	0,306
CHR2	3059398	CHR2:3059398	SSF x LoA	-10,2480218	-0,086	0,296
CHR2	3061055	CHR2:3061055	SSF x LoA	-8,85682116	-0,076	0,289
CHR2	3061218	CHR2:3061218	SSF x LoA	-10,1744333	-0,053	0,314
CHR2	3067964	CHR2:3067964	SSF x LoA	-9,77591854	-0,085	0,306
CHR2	3073017	CHR2:3073017	SSF x LoA	-10,2488183	0,103	0,304
CHR2	3085489	CHR2:3085489	SSF x LoA	-9,28822923	-0,057	0,311
CHR2	3085642	CHR2:3085642	SSF x LoA	-10,5741668	0,028	0,309
CHR2	3099291	CHR2:3099291	SSF x LoA	-10,0918835	-0,066	0,298
CHR2	3136403	CHR2:3136403	SSF x LoA	4,15234654	-0,116	0,304
CHR2	3139009	CHR2:3139009	SSF x LoA	-10,5627361	0,006	0,313
CHR2	3139225	CHR2:3139225	SSF x LoA	-9,32048471	-0,041	0,304
CHR2	3151925	CHR2:3151925	SSF x LoA	-10,3651972	-0,066	0,313
CHR2	3166032	CHR2:3166032	SSF x LoA	-11,2726787	0,125	0,298
CHR2	3173423	CHR2:3173423	SSF x LoA	-9,51006755	-0,158	0,297
CHR2	3173444	CHR2:3173444	SSF x LoA	-8,53649264	-0,077	0,303
CHR2	3180061	CHR2:3180061	SSF x LoA	-5,10962067	-0,092	0,307
CHR2	3181191	CHR2:3181191	SSF x LoA	-10,9820674	-0,036	0,305
CHR2	3181242	CHR2:3181242	SSF x LoA	-10,8687086	-0,036	0,308
CHR2	3186269	CHR2:3186269	SSF x LoA	-7,0865701	0,066	0,308
CHR2	3186446	CHR2:3186446	SSF x LoA	-6,59038315	-0,139	0,312
CHR2	3189621	CHR2:3189621	SSF x LoA	-5,59090975	0,091	0,318
CHR2	3206058	CHR2:3206058	SSF x LoA	-5,87974865	-0,075	0,311
CHR2	3210446	CHR2:3210446	SSF x LoA	3,34610084	0,132	0,293

CHR2	3216337	CHR2:3216337	SSF x LoA	-8,83201363	-0,108	0,307
CHR2	3231188	CHR2:3231188	SSF x LoA	-8,62692097	-0,046	0,316
CHR2	3238183	CHR2:3238183	SSF x LoA	-10,7822871	0,079	0,313
CHR2	3238361	CHR2:3238361	SSF x LoA	-7,81561673	0,065	0,288
CHR2	3241246	CHR2:3241246	SSF x LoA	-8,792938	0,066	0,305
CHR2	3242427	CHR2:3242427	SSF x LoA	-8,82597642	-0,031	0,301
CHR2	3250583	CHR2:3250583	SSF x LoA	-9,99954247	-0,003	0,305
CHR2	3250589	CHR2:3250589	SSF x LoA	-9,30198347	0,046	0,314
CHR2	3257208	CHR2:3257208	SSF x LoA	-8,16553932	-0,093	0,315
CHR2	3257264	CHR2:3257264	SSF x LoA	-7,19561546	-0,130	0,312
CHR2	3258951	CHR2:3258951	SSF x LoA	-9,18061956	-0,079	0,302
CHR2	3301844	CHR2:3301844	SSF x LoA	-10,6765123	-0,036	0,312
CHR2	3304413	CHR2:3304413	SSF x LoA	-8,51900905	0,044	0,311
CHR2	3304605	CHR2:3304605	SSF x LoA	-10,7414944	0,085	0,302
CHR2	3304643	CHR2:3304643	SSF x LoA	-11,2165668	-0,032	0,302
CHR2	3313315	CHR2:3313315	SSF x LoA	-7,153423	-0,105	0,310
CHR2	3313323	CHR2:3313323	SSF x LoA	-4,4018811	-0,107	0,321
CHR2	3313325	CHR2:3313325	SSF x LoA	-7,32335571	-0,125	0,312
CHR2	3313330	CHR2:3313330	SSF x LoA	3,82912858	-0,121	0,307
CHR2	3313333	CHR2:3313333	SSF x LoA	-7,94896316	-0,101	0,305
CHR2	3313342	CHR2:3313342	SSF x LoA	-6,2937025	-0,085	0,314
CHR2	3313357	CHR2:3313357	SSF x LoA	-11,015265	-0,114	0,300
CHR2	3313358	CHR2:3313358	SSF x LoA	-7,22611742	-0,119	0,305
CHR2	3313374	CHR2:3313374	SSF x LoA	-8,4124766	-0,023	0,308
CHR2	3322625	CHR2:3322625	SSF x LoA	-10,8472882	0,002	0,312
CHR2	3328151	CHR2:3328151	SSF x LoA	-10,0760206	0,070	0,303
CHR2	3329538	CHR2:3329538	SSF x LoA	-9,19853522	0,032	0,300
CHR2	3332648	CHR2:3332648	SSF x LoA	-8,55229104	0,167	0,292
CHR2	3346839	CHR2:3346839	SSF x LoA	-8,91320887	0,104	0,303
CHR2	3348998	CHR2:3348998	SSF x LoA	-8,5342843	0,114	0,305
CHR2	3379250	CHR2:3379250	SSF x LoA	-1,47739311	-0,170	0,285
CHR2	3379348	CHR2:3379348	SSF x LoA	-8,42413122	0,011	0,308
CHR2	3380494	CHR2:3380494	SSF x LoA	-9,03442798	-0,082	0,303
CHR2	3380639	CHR2:3380639	SSF x LoA	-10,0756718	0,037	0,317
CHR2	3402805	CHR2:3402805	SSF x LoA	-9,20833304	0,077	0,308
CHR2	3402894	CHR2:3402894	SSF x LoA	-11,1284941	0,041	0,299
CHR2	3413786	CHR2:3413786	SSF x LoA	-9,76204334	0,053	0,307
CHR2	3436549	CHR2:3436549	SSF x LoA	-8,37071183	0,008	0,310
CHR2	3439712	CHR2:3439712	SSF x LoA	-8,81941696	-0,161	0,308
CHR2	3441634	CHR2:3441634	SSF x LoA	-9,30968193	0,014	0,304
CHR2	3444114	CHR2:3444114	SSF x LoA	-6,53662885	-0,185	0,292
CHR2	3444121	CHR2:3444121	SSF x LoA	-10,1655786	0,023	0,300
CHR2	3444132	CHR2:3444132	SSF x LoA	-7,42453604	0,083	0,312
CHR2	3444141	CHR2:3444141	SSF x LoA	-3,01315249	0,120	0,309
CHR2	3444163	CHR2:3444163	SSF x LoA	-6,83787224	-0,088	0,317
CHR2	3444190	CHR2:3444190	SSF x LoA	-6,61060281	-0,112	0,305
CHR2	3444274	CHR2:3444274	SSF x LoA	-7,32340063	-0,039	0,318
CHR2	3444290	CHR2:3444290	SSF x LoA	-9,75907082	0,024	0,306
CHR2	3444292	CHR2:3444292	SSF x LoA	-7,23083233	0,023	0,313
CHR2	3448602	CHR2:3448602	SSF x LoA	-6,98894063	0,037	0,325
CHR2	3448667	CHR2:3448667	SSF x LoA	-6,43785365	0,059	0,311
CHR2	3452191	CHR2:3452191	SSF x LoA	-9,95510268	-0,155	0,293
CHR2	3469916	CHR2:3469916	SSF x LoA	-11,1499271	-0,037	0,306

CHR2	3471836	CHR2:3471836	SSF x LoA	-10,7593152	0,106	0,298
CHR2	3471852	CHR2:3471852	SSF x LoA	-11,6022798	-0,014	0,306
CHR2	3477414	CHR2:3477414	SSF x LoA	-9,20495711	-0,006	0,310
CHR2	3477530	CHR2:3477530	SSF x LoA	-11,3310972	-0,028	0,301
CHR2	3477550	CHR2:3477550	SSF x LoA	-9,11869929	0,054	0,317
CHR2	3477601	CHR2:3477601	SSF x LoA	-7,79389232	-0,054	0,314
CHR2	3477612	CHR2:3477612	SSF x LoA	-4,11977342	0,023	0,324
CHR2	3487951	CHR2:3487951	SSF x LoA	-11,8041532	-0,057	0,295
CHR2	3487981	CHR2:3487981	SSF x LoA	-7,25284959	0,153	0,291
CHR2	3488013	CHR2:3488013	SSF x LoA	-11,2371312	-0,052	0,301
CHR2	3488129	CHR2:3488129	SSF x LoA	-11,3121195	-0,025	0,308
CHR2	3488145	CHR2:3488145	SSF x LoA	-8,57290138	-0,050	0,320
CHR2	3488183	CHR2:3488183	SSF x LoA	-10,2235452	0,129	0,293
CHR2	3493880	CHR2:3493880	SSF x LoA	-8,23773033	-0,052	0,309
CHR2	3493961	CHR2:3493961	SSF x LoA	-8,77032096	0,047	0,321
CHR2	3495358	CHR2:3495358	SSF x LoA	-11,4149477	0,018	0,305
CHR2	3495392	CHR2:3495392	SSF x LoA	-11,1287759	0,030	0,296
CHR2	3495425	CHR2:3495425	SSF x LoA	-10,379726	0,019	0,307
CHR2	3495433	CHR2:3495433	SSF x LoA	-9,79838261	-0,004	0,302
CHR2	3511826	CHR2:3511826	SSF x LoA	-8,8001552	0,015	0,302
CHR2	3522749	CHR2:3522749	SSF x LoA	-7,89890815	-0,050	0,317
CHR2	3522756	CHR2:3522756	SSF x LoA	-10,2908565	-0,049	0,312
CHR2	3522800	CHR2:3522800	SSF x LoA	-8,66505167	-0,068	0,307
CHR2	3522803	CHR2:3522803	SSF x LoA	-8,8991372	0,114	0,291
CHR2	3522825	CHR2:3522825	SSF x LoA	-8,81065026	-0,073	0,301
CHR2	3528813	CHR2:3528813	SSF x LoA	-8,68735246	0,072	0,309
CHR2	3528910	CHR2:3528910	SSF x LoA	-9,74893354	-0,130	0,305
CHR2	3528969	CHR2:3528969	SSF x LoA	-7,0998754	0,050	0,301
CHR2	3538011	CHR2:3538011	SSF x LoA	-8,32641757	-0,094	0,303
CHR2	3538265	CHR2:3538265	SSF x LoA	-5,83693698	0,058	0,317
CHR2	3553778	CHR2:3553778	SSF x LoA	-8,14008794	-0,036	0,299
CHR2	3556549	CHR2:3556549	SSF x LoA	-10,6321071	0,107	0,298
CHR2	3576652	CHR2:3576652	SSF x LoA	-9,28117175	-0,103	0,300
CHR2	3606233	CHR2:3606233	SSF x LoA	-7,84628547	0,065	0,298
CHR2	3616273	CHR2:3616273	SSF x LoA	-10,0650691	0,058	0,314
CHR2	3616750	CHR2:3616750	SSF x LoA	-3,13081182	0,135	0,321
CHR2	3616785	CHR2:3616785	SSF x LoA	-6,92270837	0,083	0,312
CHR2	3616788	CHR2:3616788	SSF x LoA	-9,50459271	-0,042	0,300
CHR2	3616794	CHR2:3616794	SSF x LoA	9,14385915	0,252	0,288
CHR2	3616816	CHR2:3616816	SSF x LoA	-10,1478371	0,051	0,305
CHR2	3627652	CHR2:3627652	SSF x LoA	-10,4565565	0,034	0,312
CHR2	3627678	CHR2:3627678	SSF x LoA	-9,74336519	0,014	0,314
CHR2	3627697	CHR2:3627697	SSF x LoA	-10,6013313	0,091	0,301
CHR2	3627704	CHR2:3627704	SSF x LoA	-11,3436481	0,021	0,306
CHR2	3627736	CHR2:3627736	SSF x LoA	-9,28946902	-0,090	0,319
CHR2	3685511	CHR2:3685511	SSF x LoA	-8,71143933	0,082	0,315
CHR2	3685563	CHR2:3685563	SSF x LoA	-7,88203225	0,053	0,320
CHR2	3685607	CHR2:3685607	SSF x LoA	-4,84734532	0,129	0,305
CHR2	3688640	CHR2:3688640	SSF x LoA	-8,30194774	-0,129	0,314
CHR2	3688877	CHR2:3688877	SSF x LoA	-10,1464174	-0,037	0,313
CHR2	3693815	CHR2:3693815	SSF x LoA	-7,54279112	0,063	0,312
CHR2	3693816	CHR2:3693816	SSF x LoA	-7,58216111	0,064	0,303
CHR2	3696467	CHR2:3696467	SSF x LoA	-10,5163886	-0,036	0,301

CHR2	3713133	CHR2:3713133	SSF x LoA	-8,82674889	-0,055	0,293
CHR2	3713151	CHR2:3713151	SSF x LoA	-8,37171657	-0,057	0,301
CHR2	3721717	CHR2:3721717	SSF x LoA	-2,67704478	-0,024	0,322
CHR2	3721798	CHR2:3721798	SSF x LoA	-9,05055895	0,016	0,301
CHR2	3728346	CHR2:3728346	SSF x LoA	-7,36937736	0,178	0,305
CHR2	3730417	CHR2:3730417	SSF x LoA	-8,22270404	0,060	0,304
CHR2	3741907	CHR2:3741907	SSF x LoA	-7,85970266	-0,024	0,316
CHR2	3744031	CHR2:3744031	SSF x LoA	-8,10353449	0,050	0,312
CHR2	3744125	CHR2:3744125	SSF x LoA	-9,89547474	-0,007	0,304
CHR2	3744156	CHR2:3744156	SSF x LoA	-8,46883682	-0,005	0,303
CHR2	3771900	CHR2:3771900	SSF x LoA	-9,30465686	-0,069	0,296
CHR2	3771921	CHR2:3771921	SSF x LoA	-9,14026557	-0,056	0,308
CHR2	3771939	CHR2:3771939	SSF x LoA	-11,3408842	-0,069	0,309
CHR2	3771978	CHR2:3771978	SSF x LoA	-10,3818523	-0,107	0,295
CHR2	3772044	CHR2:3772044	SSF x LoA	-7,25545811	0,095	0,298
CHR2	3772045	CHR2:3772045	SSF x LoA	-8,61126613	-0,055	0,286
CHR2	3772050	CHR2:3772050	SSF x LoA	-7,94872654	-0,042	0,289
CHR2	3772062	CHR2:3772062	SSF x LoA	-8,44626308	-0,022	0,291
CHR2	3786302	CHR2:3786302	SSF x LoA	-7,77826473	0,049	0,310
CHR2	3786303	CHR2:3786303	SSF x LoA	-8,87399675	0,075	0,317
CHR2	3786596	CHR2:3786596	SSF x LoA	-8,9249436	-0,058	0,313
CHR2	3798892	CHR2:3798892	SSF x LoA	-7,25186	-0,131	0,299
CHR2	3798904	CHR2:3798904	SSF x LoA	-4,33905129	-0,092	0,282
CHR2	3798916	CHR2:3798916	SSF x LoA	-6,95893826	-0,104	0,288
CHR2	3798929	CHR2:3798929	SSF x LoA	-7,08706142	-0,123	0,300
CHR2	3798937	CHR2:3798937	SSF x LoA	-6,12521023	-0,053	0,312
CHR2	3798939	CHR2:3798939	SSF x LoA	-7,4196374	-0,119	0,295
CHR2	3798947	CHR2:3798947	SSF x LoA	-6,63570975	-0,125	0,294
CHR2	3798975	CHR2:3798975	SSF x LoA	-7,68229486	-0,124	0,285
CHR2	3799001	CHR2:3799001	SSF x LoA	-5,64315523	-0,129	0,299
CHR2	3799002	CHR2:3799002	SSF x LoA	-8,32614137	-0,112	0,306
CHR2	3799007	CHR2:3799007	SSF x LoA	-9,01415075	-0,036	0,301
CHR2	3799013	CHR2:3799013	SSF x LoA	-9,12269495	-0,041	0,303
CHR2	3799019	CHR2:3799019	SSF x LoA	-9,94669627	-0,132	0,301
CHR2	3799364	CHR2:3799364	SSF x LoA	-5,76319101	-0,153	0,297
CHR2	3799365	CHR2:3799365	SSF x LoA	-7,24122946	0,056	0,305
CHR2	3799368	CHR2:3799368	SSF x LoA	-7,65034299	0,104	0,299
CHR2	3799399	CHR2:3799399	SSF x LoA	-7,19840968	-0,154	0,287
CHR2	3799416	CHR2:3799416	SSF x LoA	-6,99879187	0,128	0,292
CHR2	3799417	CHR2:3799417	SSF x LoA	-7,31404945	0,167	0,285
CHR2	3799424	CHR2:3799424	SSF x LoA	-2,02323733	0,132	0,303
CHR2	3799465	CHR2:3799465	SSF x LoA	-9,85099676	0,076	0,297
CHR2	380053	CHR2:380053	SSF x LoA	-9,42826163	0,045	0,304
CHR2	3801607	CHR2:3801607	SSF x LoA	-4,34669912	-0,025	0,312
CHR2	3801668	CHR2:3801668	SSF x LoA	-8,68124391	0,030	0,309
CHR2	3803816	CHR2:3803816	SSF x LoA	-7,75882929	-0,033	0,310
CHR2	3806537	CHR2:3806537	SSF x LoA	-9,08799576	0,125	0,314
CHR2	3833323	CHR2:3833323	SSF x LoA	-11,2419711	0,078	0,311
CHR2	3833329	CHR2:3833329	SSF x LoA	-8,28320418	0,030	0,326
CHR2	3833357	CHR2:3833357	SSF x LoA	-11,0427914	0,012	0,311
CHR2	3843066	CHR2:3843066	SSF x LoA	-7,732789	0,065	0,298
CHR2	3843147	CHR2:3843147	SSF x LoA	-9,18481581	0,067	0,296
CHR2	3843280	CHR2:3843280	SSF x LoA	-6,13927273	0,174	0,298

CHR2	3848835	CHR2:3848835	SSF x LoA	-8,52040314	-0,057	0,306
CHR2	3848836	CHR2:3848836	SSF x LoA	-11,0120361	-0,023	0,300
CHR2	3848863	CHR2:3848863	SSF x LoA	-4,35436082	-0,114	0,307
CHR2	3848881	CHR2:3848881	SSF x LoA	-9,80915942	0,003	0,312
CHR2	3848951	CHR2:3848951	SSF x LoA	-8,90405294	-0,059	0,312
CHR2	3848967	CHR2:3848967	SSF x LoA	-10,6178841	-0,032	0,308
CHR2	3848969	CHR2:3848969	SSF x LoA	-6,58498121	-0,074	0,306
CHR2	3848971	CHR2:3848971	SSF x LoA	-5,65408951	-0,067	0,302
CHR2	3853129	CHR2:3853129	SSF x LoA	-11,4464243	-0,004	0,306
CHR2	3857288	CHR2:3857288	SSF x LoA	-8,83989498	-0,127	0,307
CHR2	3857392	CHR2:3857392	SSF x LoA	-11,427414	0,058	0,304
CHR2	3857416	CHR2:3857416	SSF x LoA	-10,9166064	-0,075	0,306
CHR2	3864011	CHR2:3864011	SSF x LoA	-9,76061137	-0,042	0,300
CHR2	3864093	CHR2:3864093	SSF x LoA	-9,87068334	0,062	0,317
CHR2	3864171	CHR2:3864171	SSF x LoA	-10,7003379	-0,078	0,300
CHR2	3866168	CHR2:3866168	SSF x LoA	-8,66384801	0,075	0,311
CHR2	3868827	CHR2:3868827	SSF x LoA	-8,98058241	0,093	0,304
CHR2	3868828	CHR2:3868828	SSF x LoA	-8,83570222	0,088	0,316
CHR2	3878727	CHR2:3878727	SSF x LoA	-7,12934074	-0,114	0,310
CHR2	3878761	CHR2:3878761	SSF x LoA	-11,2440819	-0,060	0,295
CHR2	3878764	CHR2:3878764	SSF x LoA	-7,82633343	0,103	0,308
CHR2	3878840	CHR2:3878840	SSF x LoA	-9,26873201	0,114	0,297
CHR2	3878933	CHR2:3878933	SSF x LoA	-11,1488556	0,021	0,323
CHR2	3888620	CHR2:3888620	SSF x LoA	-9,48225161	0,097	0,295
CHR2	3888647	CHR2:3888647	SSF x LoA	-11,5915845	0,009	0,308
CHR2	3888665	CHR2:3888665	SSF x LoA	-11,2239865	-0,065	0,307
CHR2	3888703	CHR2:3888703	SSF x LoA	-10,0549917	-0,030	0,315
CHR2	3902280	CHR2:3902280	SSF x LoA	-10,9328257	-0,062	0,293
CHR2	3902467	CHR2:3902467	SSF x LoA	-6,38246461	0,038	0,325
CHR2	390288	CHR2:390288	SSF x LoA	-11,3738814	0,006	0,296
CHR2	3909987	CHR2:3909987	SSF x LoA	-4,55684642	-0,083	0,311
CHR2	3910147	CHR2:3910147	SSF x LoA	-9,83209498	0,006	0,312
CHR2	3910198	CHR2:3910198	SSF x LoA	-8,50528144	0,128	0,309
CHR2	3915468	CHR2:3915468	SSF x LoA	-10,1485495	-0,071	0,304
CHR2	3915475	CHR2:3915475	SSF x LoA	-9,36418378	0,102	0,311
CHR2	3920232	CHR2:3920232	SSF x LoA	-10,1328932	0,112	0,290
CHR2	3924816	CHR2:3924816	SSF x LoA	-6,92759771	0,157	0,295
CHR2	3924862	CHR2:3924862	SSF x LoA	-10,0163133	0,081	0,295
CHR2	3924899	CHR2:3924899	SSF x LoA	-10,7506571	-0,011	0,306
CHR2	3925003	CHR2:3925003	SSF x LoA	-2,18094407	0,124	0,312
CHR2	3931983	CHR2:3931983	SSF x LoA	-9,51256584	-0,014	0,308
CHR2	3931984	CHR2:3931984	SSF x LoA	-7,55247724	-0,117	0,302
CHR2	3932124	CHR2:3932124	SSF x LoA	-9,76614151	0,057	0,302
CHR2	3932142	CHR2:3932142	SSF x LoA	-10,4445142	0,021	0,308
CHR2	3932153	CHR2:3932153	SSF x LoA	-6,64645795	0,029	0,310
CHR2	3932262	CHR2:3932262	SSF x LoA	-9,8037338	-0,107	0,308
CHR2	3932273	CHR2:3932273	SSF x LoA	-9,76992937	0,053	0,308
CHR2	3935079	CHR2:3935079	SSF x LoA	-9,02502493	-0,077	0,288
CHR2	3935147	CHR2:3935147	SSF x LoA	-9,05990426	-0,093	0,293
CHR2	3935251	CHR2:3935251	SSF x LoA	-2,20967433	-0,115	0,304
CHR2	3939613	CHR2:3939613	SSF x LoA	-9,97868502	-0,025	0,308
CHR2	3939663	CHR2:3939663	SSF x LoA	-9,13756275	0,073	0,305
CHR2	3939720	CHR2:3939720	SSF x LoA	-9,78587283	0,029	0,309

CHR2	3940516	CHR2:3940516	SSF x LoA	-7,50188116	0,136	0,310
CHR2	3940534	CHR2:3940534	SSF x LoA	-7,83610579	-0,121	0,300
CHR2	3940614	CHR2:3940614	SSF x LoA	-6,57042589	0,125	0,319
CHR2	3942349	CHR2:3942349	SSF x LoA	-10,674345	-0,021	0,309
CHR2	3942376	CHR2:3942376	SSF x LoA	-11,8773985	-0,046	0,304
CHR2	3953212	CHR2:3953212	SSF x LoA	-10,1964393	0,098	0,296
CHR2	3953305	CHR2:3953305	SSF x LoA	-8,0277766	-0,058	0,331
CHR2	3953318	CHR2:3953318	SSF x LoA	-8,2064788	-0,015	0,294
CHR2	3953371	CHR2:3953371	SSF x LoA	-9,61189792	0,137	0,294
CHR2	3959134	CHR2:3959134	SSF x LoA	-6,65501499	-0,067	0,302
CHR2	3959155	CHR2:3959155	SSF x LoA	-9,27171286	0,053	0,313
CHR2	3959409	CHR2:3959409	SSF x LoA	-10,6805489	0,039	0,296
CHR2	3966147	CHR2:3966147	SSF x LoA	-9,18862283	-0,125	0,306
CHR2	3966216	CHR2:3966216	SSF x LoA	-9,50356996	-0,123	0,295
CHR2	3966256	CHR2:3966256	SSF x LoA	-9,9429943	0,018	0,298
CHR2	3975036	CHR2:3975036	SSF x LoA	-9,30256672	0,018	0,303
CHR2	3975037	CHR2:3975037	SSF x LoA	-8,78469393	0,085	0,293
CHR2	3975060	CHR2:3975060	SSF x LoA	-9,06860978	-0,075	0,318
CHR2	3975104	CHR2:3975104	SSF x LoA	-7,84978003	0,070	0,298
CHR2	3982082	CHR2:3982082	SSF x LoA	-8,95627035	0,085	0,312
CHR2	3982107	CHR2:3982107	SSF x LoA	-9,93028454	0,009	0,313
CHR2	3982128	CHR2:3982128	SSF x LoA	-10,7606145	-0,084	0,301
CHR2	3982260	CHR2:3982260	SSF x LoA	-10,726416	0,063	0,310
CHR2	3982323	CHR2:3982323	SSF x LoA	-10,9615716	0,046	0,311
CHR2	3982357	CHR2:3982357	SSF x LoA	-10,2906007	0,020	0,300
CHR2	3990527	CHR2:3990527	SSF x LoA	-10,2527016	-0,030	0,309
CHR2	3990595	CHR2:3990595	SSF x LoA	-8,40342209	-0,042	0,319
CHR2	4017234	CHR2:4017234	SSF x LoA	-9,13631481	0,077	0,307
CHR2	4017291	CHR2:4017291	SSF x LoA	-8,86130057	0,047	0,313
CHR2	4017329	CHR2:4017329	SSF x LoA	-6,03410049	0,037	0,310
CHR2	4019464	CHR2:4019464	SSF x LoA	-11,3421416	-0,006	0,293
CHR2	4020809	CHR2:4020809	SSF x LoA	-9,71795079	-0,040	0,312
CHR2	4020880	CHR2:4020880	SSF x LoA	-8,98443498	-0,004	0,307
CHR2	4020892	CHR2:4020892	SSF x LoA	-8,49221792	0,033	0,295
CHR2	4020917	CHR2:4020917	SSF x LoA	-9,7977949	0,010	0,302
CHR2	4020959	CHR2:4020959	SSF x LoA	-9,4764632	0,140	0,302
CHR2	4036344	CHR2:4036344	SSF x LoA	-11,245159	-0,030	0,303
CHR2	4036357	CHR2:4036357	SSF x LoA	-8,44600518	-0,121	0,312
CHR2	4036399	CHR2:4036399	SSF x LoA	-10,4590968	0,076	0,310
CHR2	4036432	CHR2:4036432	SSF x LoA	-7,39443984	0,086	0,308
CHR2	4036465	CHR2:4036465	SSF x LoA	-10,5512491	-0,087	0,314
CHR2	4046776	CHR2:4046776	SSF x LoA	-8,30134713	0,128	0,298
CHR2	4046779	CHR2:4046779	SSF x LoA	-9,48288531	0,018	0,310
CHR2	4046960	CHR2:4046960	SSF x LoA	-11,1021525	-0,089	0,304
CHR2	4074422	CHR2:4074422	SSF x LoA	-9,61494315	-0,022	0,312
CHR2	4074543	CHR2:4074543	SSF x LoA	-8,14625637	0,022	0,315
CHR2	4074553	CHR2:4074553	SSF x LoA	-8,43688703	0,014	0,311
CHR2	4074572	CHR2:4074572	SSF x LoA	-10,9437277	0,042	0,304
CHR2	4100416	CHR2:4100416	SSF x LoA	-9,16095603	0,016	0,299
CHR2	4100421	CHR2:4100421	SSF x LoA	-6,90775427	0,160	0,304
CHR2	4100454	CHR2:4100454	SSF x LoA	-6,75733474	-0,152	0,290
CHR2	4100501	CHR2:4100501	SSF x LoA	-8,63057126	-0,055	0,311
CHR2	4100512	CHR2:4100512	SSF x LoA	-6,19958319	0,079	0,304

CHR2	4100556	CHR2:4100556	SSF x LoA	-1,78222139	-0,027	0,314
CHR2	4105280	CHR2:4105280	SSF x LoA	-4,95352498	0,183	0,296
CHR2	4105289	CHR2:4105289	SSF x LoA	-4,4287783	-0,054	0,313
CHR2	4105310	CHR2:4105310	SSF x LoA	-9,08044128	0,000	0,317
CHR2	4105335	CHR2:4105335	SSF x LoA	-10,9011766	-0,024	0,304
CHR2	4105353	CHR2:4105353	SSF x LoA	-10,9717024	-0,067	0,293
CHR2	4105516	CHR2:4105516	SSF x LoA	-9,43362035	-0,096	0,295
CHR2	4112728	CHR2:4112728	SSF x LoA	-9,01644983	-0,064	0,308
CHR2	4115589	CHR2:4115589	SSF x LoA	-8,56466959	-0,053	0,319
CHR2	4117260	CHR2:4117260	SSF x LoA	-6,96877041	-0,085	0,303
CHR2	4117289	CHR2:4117289	SSF x LoA	-7,24207002	0,122	0,302
CHR2	4117336	CHR2:4117336	SSF x LoA	-8,45676519	-0,073	0,312
CHR2	4117357	CHR2:4117357	SSF x LoA	-7,6849325	0,020	0,312
CHR2	4122040	CHR2:4122040	SSF x LoA	-7,37842498	-0,166	0,301
CHR2	4122048	CHR2:4122048	SSF x LoA	-5,48269639	0,124	0,294
CHR2	4122070	CHR2:4122070	SSF x LoA	-8,98357739	0,156	0,301
CHR2	4122077	CHR2:4122077	SSF x LoA	-9,19795965	0,078	0,307
CHR2	4122079	CHR2:4122079	SSF x LoA	-10,0202891	0,089	0,305
CHR2	4122091	CHR2:4122091	SSF x LoA	-8,41149548	0,111	0,305
CHR2	4122104	CHR2:4122104	SSF x LoA	-9,29561346	-0,106	0,294
CHR2	4122128	CHR2:4122128	SSF x LoA	-6,38199765	-0,192	0,298
CHR2	4122144	CHR2:4122144	SSF x LoA	-2,57096747	-0,161	0,298
CHR2	4122146	CHR2:4122146	SSF x LoA	-8,00642483	0,146	0,290
CHR2	4126029	CHR2:4126029	SSF x LoA	-9,75477327	-0,073	0,301
CHR2	4127088	CHR2:4127088	SSF x LoA	-10,6339978	-0,002	0,305
CHR2	4147183	CHR2:4147183	SSF x LoA	-7,69985777	-0,060	0,321
CHR2	4151921	CHR2:4151921	SSF x LoA	-5,95782924	0,113	0,312
CHR2	4151978	CHR2:4151978	SSF x LoA	-8,68266202	-0,042	0,301
CHR2	4151980	CHR2:4151980	SSF x LoA	-7,8806502	-0,063	0,311
CHR2	4152024	CHR2:4152024	SSF x LoA	-7,70464602	0,016	0,311
CHR2	4152043	CHR2:4152043	SSF x LoA	-8,88222645	0,026	0,316
CHR2	4173227	CHR2:4173227	SSF x LoA	-6,4019509	0,009	0,302
CHR2	4181983	CHR2:4181983	SSF x LoA	-9,48142636	-0,015	0,317
CHR2	4182028	CHR2:4182028	SSF x LoA	-2,87571721	0,121	0,305
CHR2	4182162	CHR2:4182162	SSF x LoA	-8,48333938	0,096	0,301
CHR2	4182169	CHR2:4182169	SSF x LoA	-9,52733413	0,062	0,305
CHR2	4189241	CHR2:4189241	SSF x LoA	-10,6400599	0,039	0,316
CHR2	4189244	CHR2:4189244	SSF x LoA	-9,53026979	0,133	0,303
CHR2	4203292	CHR2:4203292	SSF x LoA	-6,60802787	-0,015	0,308
CHR2	4203395	CHR2:4203395	SSF x LoA	-10,828858	-0,028	0,312
CHR2	4203660	CHR2:4203660	SSF x LoA	-11,4853925	-0,046	0,302
CHR2	4212510	CHR2:4212510	SSF x LoA	-9,60743279	0,097	0,303
CHR2	4212577	CHR2:4212577	SSF x LoA	-10,1136492	-0,018	0,306
CHR2	4212702	CHR2:4212702	SSF x LoA	-8,96776114	0,049	0,308
CHR2	4212765	CHR2:4212765	SSF x LoA	-10,2256525	-0,099	0,297
CHR2	4214020	CHR2:4214020	SSF x LoA	-4,97279576	-0,185	0,297
CHR2	4218330	CHR2:4218330	SSF x LoA	-9,59953653	-0,033	0,312
CHR2	4218684	CHR2:4218684	SSF x LoA	-7,61606148	0,041	0,303
CHR2	4219861	CHR2:4219861	SSF x LoA	-9,2955396	-0,049	0,316
CHR2	4219943	CHR2:4219943	SSF x LoA	-7,90305148	-0,122	0,294
CHR2	4219994	CHR2:4219994	SSF x LoA	-10,3112464	0,088	0,287
CHR2	4220164	CHR2:4220164	SSF x LoA	-10,5905464	0,026	0,298
CHR2	4222786	CHR2:4222786	SSF x LoA	-8,76424516	0,105	0,300

CHR2	4228274	CHR2:4228274	SSF x LoA	-10,5542692	0,075	0,302
CHR2	4231759	CHR2:4231759	SSF x LoA	-11,4232852	-0,026	0,313
CHR2	4231771	CHR2:4231771	SSF x LoA	-7,7751311	0,155	0,303
CHR2	4231858	CHR2:4231858	SSF x LoA	-8,30471938	-0,028	0,308
CHR2	4231860	CHR2:4231860	SSF x LoA	-8,73886272	0,059	0,312
CHR2	4231969	CHR2:4231969	SSF x LoA	-6,30456449	0,129	0,309
CHR2	4231971	CHR2:4231971	SSF x LoA	-9,56053095	0,034	0,309
CHR2	4231977	CHR2:4231977	SSF x LoA	-10,0582725	0,110	0,293
CHR2	4231979	CHR2:4231979	SSF x LoA	-8,89353266	0,132	0,293
CHR2	4232032	CHR2:4232032	SSF x LoA	-8,99121731	0,023	0,301
CHR2	4237905	CHR2:4237905	SSF x LoA	-8,877037	-0,063	0,307
CHR2	4237907	CHR2:4237907	SSF x LoA	-11,5430686	-0,030	0,300
CHR2	4238009	CHR2:4238009	SSF x LoA	-11,1413753	0,013	0,318
CHR2	4238042	CHR2:4238042	SSF x LoA	-7,58644087	-0,054	0,301
CHR2	4238063	CHR2:4238063	SSF x LoA	-8,87315443	0,035	0,298
CHR2	4238160	CHR2:4238160	SSF x LoA	-8,14278728	0,019	0,302
CHR2	4240688	CHR2:4240688	SSF x LoA	-11,0498794	-0,047	0,304
CHR2	4240703	CHR2:4240703	SSF x LoA	-9,95761663	-0,033	0,319
CHR2	4240720	CHR2:4240720	SSF x LoA	-9,70295553	0,072	0,303
CHR2	4240729	CHR2:4240729	SSF x LoA	-8,87764744	0,047	0,310
CHR2	4240778	CHR2:4240778	SSF x LoA	-8,37976294	-0,023	0,304
CHR2	4240789	CHR2:4240789	SSF x LoA	-11,0126357	0,003	0,304
CHR2	4260695	CHR2:4260695	SSF x LoA	-9,66840197	0,020	0,299
CHR2	4271128	CHR2:4271128	SSF x LoA	-8,56860348	-0,041	0,303
CHR2	4271133	CHR2:4271133	SSF x LoA	-10,5779221	-0,058	0,297
CHR2	4276866	CHR2:4276866	SSF x LoA	-7,937435	0,003	0,306
CHR2	4276884	CHR2:4276884	SSF x LoA	-7,60642549	0,023	0,305
CHR2	4276937	CHR2:4276937	SSF x LoA	-8,09816495	0,069	0,315
CHR2	4276939	CHR2:4276939	SSF x LoA	-8,17921631	0,003	0,315
CHR2	4297943	CHR2:4297943	SSF x LoA	-8,60324987	0,059	0,295
CHR2	4297971	CHR2:4297971	SSF x LoA	-9,53824348	-0,014	0,302
CHR2	4297978	CHR2:4297978	SSF x LoA	-7,52996333	-0,028	0,308
CHR2	4298055	CHR2:4298055	SSF x LoA	-9,75885505	0,006	0,318
CHR2	4298119	CHR2:4298119	SSF x LoA	-7,44269528	0,138	0,302
CHR2	4298121	CHR2:4298121	SSF x LoA	-3,644171	0,139	0,297
CHR2	4298124	CHR2:4298124	SSF x LoA	-7,5761965	0,140	0,291
CHR2	4298135	CHR2:4298135	SSF x LoA	-8,03097674	0,109	0,302
CHR2	4298149	CHR2:4298149	SSF x LoA	-9,04038829	0,133	0,299
CHR2	4298150	CHR2:4298150	SSF x LoA	-7,55443695	0,114	0,305
CHR2	4298151	CHR2:4298151	SSF x LoA	-7,65737374	0,128	0,300
CHR2	4305128	CHR2:4305128	SSF x LoA	-9,75605307	0,025	0,302
CHR2	4305129	CHR2:4305129	SSF x LoA	-6,87056873	0,087	0,304
CHR2	4305158	CHR2:4305158	SSF x LoA	-10,2416151	-0,031	0,304
CHR2	4305164	CHR2:4305164	SSF x LoA	-9,83740251	-0,027	0,300
CHR2	4305166	CHR2:4305166	SSF x LoA	-10,0597314	-0,053	0,304
CHR2	4305167	CHR2:4305167	SSF x LoA	-8,97711881	-0,019	0,311
CHR2	4305170	CHR2:4305170	SSF x LoA	-9,0993225	-0,014	0,296
CHR2	4305250	CHR2:4305250	SSF x LoA	-9,09413104	0,036	0,309
CHR2	4305317	CHR2:4305317	SSF x LoA	-11,8243886	-0,049	0,307
CHR2	4305325	CHR2:4305325	SSF x LoA	-10,3746897	-0,064	0,312
CHR2	4305349	CHR2:4305349	SSF x LoA	-10,2303363	0,031	0,307
CHR2	4305361	CHR2:4305361	SSF x LoA	-8,85907563	0,072	0,308
CHR2	4305366	CHR2:4305366	SSF x LoA	-9,03541706	0,032	0,297

CHR2	4305392	CHR2:4305392	SSF x LoA	-5,05379821	0,048	0,301
CHR2	4305397	CHR2:4305397	SSF x LoA	-8,83721127	0,091	0,301
CHR2	4319075	CHR2:4319075	SSF x LoA	-10,4143241	-0,060	0,302
CHR2	4322544	CHR2:4322544	SSF x LoA	-9,68058876	-0,130	0,311
CHR2	4322565	CHR2:4322565	SSF x LoA	-9,64348087	-0,056	0,313
CHR2	4322628	CHR2:4322628	SSF x LoA	-8,79602742	-0,015	0,306
CHR2	4322639	CHR2:4322639	SSF x LoA	-10,9494916	0,120	0,308
CHR2	4322737	CHR2:4322737	SSF x LoA	-10,042485	0,000	0,303
CHR2	4322740	CHR2:4322740	SSF x LoA	-8,9789136	-0,001	0,307
CHR2	4324134	CHR2:4324134	SSF x LoA	-6,07238371	0,056	0,299
CHR2	4324139	CHR2:4324139	SSF x LoA	-7,36006263	0,047	0,300
CHR2	4324219	CHR2:4324219	SSF x LoA	-10,2696878	0,002	0,307
CHR2	4343930	CHR2:4343930	SSF x LoA	-9,72688621	-0,020	0,295
CHR2	4343969	CHR2:4343969	SSF x LoA	-11,8846839	-0,044	0,305
CHR2	4345785	CHR2:4345785	SSF x LoA	-8,18681274	-0,027	0,315
CHR2	4345843	CHR2:4345843	SSF x LoA	-10,7435786	0,041	0,301
CHR2	4345855	CHR2:4345855	SSF x LoA	-9,16529013	-0,060	0,295
CHR2	4345870	CHR2:4345870	SSF x LoA	-8,91799066	-0,064	0,305
CHR2	4345892	CHR2:4345892	SSF x LoA	-8,85463518	-0,072	0,305
CHR2	4345893	CHR2:4345893	SSF x LoA	-6,5316195	-0,076	0,306
CHR2	4345898	CHR2:4345898	SSF x LoA	-7,20004031	-0,104	0,297
CHR2	4345909	CHR2:4345909	SSF x LoA	-6,58083658	-0,090	0,306
CHR2	4347583	CHR2:4347583	SSF x LoA	-9,26048876	0,054	0,321
CHR2	4347767	CHR2:4347767	SSF x LoA	-10,831436	0,069	0,310
CHR2	4358881	CHR2:4358881	SSF x LoA	-10,3199308	0,032	0,315
CHR2	4358912	CHR2:4358912	SSF x LoA	-8,88206946	-0,029	0,312
CHR2	4358937	CHR2:4358937	SSF x LoA	-6,76468473	0,131	0,291
CHR2	4358942	CHR2:4358942	SSF x LoA	-5,91503521	0,132	0,295
CHR2	4358974	CHR2:4358974	SSF x LoA	-8,22452991	0,100	0,300
CHR2	4360061	CHR2:4360061	SSF x LoA	-10,6090876	0,068	0,297
CHR2	4360164	CHR2:4360164	SSF x LoA	-6,57330411	0,159	0,297
CHR2	4363934	CHR2:4363934	SSF x LoA	-9,22275482	-0,046	0,310
CHR2	4364026	CHR2:4364026	SSF x LoA	-10,1354063	-0,061	0,303
CHR2	4364033	CHR2:4364033	SSF x LoA	-9,04992658	-0,052	0,294
CHR2	4364042	CHR2:4364042	SSF x LoA	-6,80091565	0,172	0,307
CHR2	4364138	CHR2:4364138	SSF x LoA	-7,17817434	-0,008	0,322
CHR2	4364166	CHR2:4364166	SSF x LoA	-7,14199489	-0,097	0,306
CHR2	4364173	CHR2:4364173	SSF x LoA	-10,2453843	-0,050	0,293
CHR2	4364183	CHR2:4364183	SSF x LoA	-9,55434698	0,041	0,304
CHR2	4367573	CHR2:4367573	SSF x LoA	-3,36803657	0,064	0,302
CHR2	4367636	CHR2:4367636	SSF x LoA	-7,19328814	-0,073	0,304
CHR2	4367638	CHR2:4367638	SSF x LoA	-8,64597202	-0,059	0,303
CHR2	4367639	CHR2:4367639	SSF x LoA	-6,97322571	0,095	0,316
CHR2	4370506	CHR2:4370506	SSF x LoA	-11,6326402	-0,022	0,326
CHR2	4374310	CHR2:4374310	SSF x LoA	-9,9222941	-0,031	0,305
CHR2	4374314	CHR2:4374314	SSF x LoA	-8,14510519	0,037	0,308
CHR2	4379261	CHR2:4379261	SSF x LoA	-10,0598955	0,039	0,309
CHR2	4379262	CHR2:4379262	SSF x LoA	-11,3755651	0,028	0,301
CHR2	4379382	CHR2:4379382	SSF x LoA	-9,18470182	-0,015	0,306
CHR2	4379448	CHR2:4379448	SSF x LoA	-8,73215919	0,012	0,312
CHR2	4379518	CHR2:4379518	SSF x LoA	-9,02471326	-0,134	0,297
CHR2	4387766	CHR2:4387766	SSF x LoA	-9,01483552	0,152	0,297
CHR2	4391292	CHR2:4391292	SSF x LoA	-5,98349636	0,085	0,315

CHR2	4391328	CHR2:4391328	SSF x LoA	-8,04885969	-0,054	0,304
CHR2	4391350	CHR2:4391350	SSF x LoA	0,0552506	0,062	0,305
CHR2	4391358	CHR2:4391358	SSF x LoA	-0,89404842	0,028	0,304
CHR2	4413885	CHR2:4413885	SSF x LoA	-9,97769739	0,036	0,291
CHR2	4414063	CHR2:4414063	SSF x LoA	-6,13684402	-0,129	0,308
CHR2	4417668	CHR2:4417668	SSF x LoA	-8,76058457	-0,003	0,305
CHR2	4417754	CHR2:4417754	SSF x LoA	-8,20278668	0,023	0,319
CHR2	4429126	CHR2:4429126	SSF x LoA	-8,25867434	0,095	0,303
CHR2	4429169	CHR2:4429169	SSF x LoA	-10,7159036	0,067	0,300
CHR2	4429262	CHR2:4429262	SSF x LoA	-9,40364305	0,006	0,306
CHR2	4429263	CHR2:4429263	SSF x LoA	-8,22321656	0,001	0,310
CHR2	4429271	CHR2:4429271	SSF x LoA	-9,57550515	0,013	0,310
CHR2	4441233	CHR2:4441233	SSF x LoA	-8,07121105	0,000	0,325
CHR2	444229	CHR2:444229	SSF x LoA	-7,66090437	-0,052	0,323
CHR2	444256	CHR2:444256	SSF x LoA	-7,66411787	-0,067	0,307
CHR2	444315	CHR2:444315	SSF x LoA	-9,24760941	-0,049	0,312
CHR2	4455304	CHR2:4455304	SSF x LoA	-11,0081266	-0,043	0,327
CHR2	4458818	CHR2:4458818	SSF x LoA	-9,67678767	-0,019	0,299
CHR2	4461453	CHR2:4461453	SSF x LoA	-10,6975661	0,010	0,317
CHR2	4470164	CHR2:4470164	SSF x LoA	-9,30021668	-0,014	0,314
CHR2	4477598	CHR2:4477598	SSF x LoA	-9,32493509	-0,061	0,306
CHR2	4477633	CHR2:4477633	SSF x LoA	-11,3243901	-0,046	0,306
CHR2	4477724	CHR2:4477724	SSF x LoA	-9,37274665	0,082	0,296
CHR2	4477761	CHR2:4477761	SSF x LoA	-10,2033938	0,021	0,291
CHR2	4483212	CHR2:4483212	SSF x LoA	-8,84021248	-0,003	0,312
CHR2	4488475	CHR2:4488475	SSF x LoA	-11,0231566	-0,084	0,296
CHR2	4488719	CHR2:4488719	SSF x LoA	-9,26724646	0,014	0,314
CHR2	4488721	CHR2:4488721	SSF x LoA	-9,08694752	0,017	0,310
CHR2	4488746	CHR2:4488746	SSF x LoA	-8,68585174	0,032	0,304
CHR2	4492985	CHR2:4492985	SSF x LoA	-1,78147567	0,141	0,298
CHR2	4492994	CHR2:4492994	SSF x LoA	-8,3794372	0,061	0,306
CHR2	4493000	CHR2:4493000	SSF x LoA	-8,01245308	-0,048	0,311
CHR2	4493050	CHR2:4493050	SSF x LoA	-10,5041808	-0,029	0,299
CHR2	4514768	CHR2:4514768	SSF x LoA	-9,63623439	-0,011	0,305
CHR2	4514818	CHR2:4514818	SSF x LoA	-11,911457	0,035	0,297
CHR2	4514825	CHR2:4514825	SSF x LoA	-10,5055614	-0,006	0,319
CHR2	4514866	CHR2:4514866	SSF x LoA	-7,56122347	-0,018	0,313
CHR2	4515022	CHR2:4515022	SSF x LoA	-10,7870679	-0,044	0,322
CHR2	4515026	CHR2:4515026	SSF x LoA	-11,2656185	-0,046	0,305
CHR2	4524541	CHR2:4524541	SSF x LoA	-10,1180387	-0,120	0,312
CHR2	4524605	CHR2:4524605	SSF x LoA	-8,17093624	0,144	0,294
CHR2	4537179	CHR2:4537179	SSF x LoA	-11,0828779	0,082	0,310
CHR2	4543177	CHR2:4543177	SSF x LoA	-9,25800914	-0,135	0,294
CHR2	4551384	CHR2:4551384	SSF x LoA	-7,91888325	0,067	0,324
CHR2	4551796	CHR2:4551796	SSF x LoA	-9,3602872	-0,135	0,293
CHR2	4567450	CHR2:4567450	SSF x LoA	-9,21638133	-0,031	0,306
CHR2	4567468	CHR2:4567468	SSF x LoA	-9,42623487	-0,033	0,307
CHR2	4567597	CHR2:4567597	SSF x LoA	-8,98923149	-0,032	0,301
CHR2	4579767	CHR2:4579767	SSF x LoA	-10,4628863	0,005	0,312
CHR2	4579782	CHR2:4579782	SSF x LoA	-7,27783167	-0,111	0,310
CHR2	4579832	CHR2:4579832	SSF x LoA	-8,06505669	-0,091	0,302
CHR2	4584091	CHR2:4584091	SSF x LoA	-11,3619735	-0,068	0,310
CHR2	4590749	CHR2:4590749	SSF x LoA	-9,31883612	0,015	0,307

CHR2	4593797	CHR2:4593797	SSF x LoA	-8,33468801	-0,051	0,303
CHR2	4593896	CHR2:4593896	SSF x LoA	-10,7068688	-0,080	0,304
CHR2	4593899	CHR2:4593899	SSF x LoA	-8,47959242	0,054	0,311
CHR2	4593913	CHR2:4593913	SSF x LoA	-10,2848153	-0,015	0,319
CHR2	4593960	CHR2:4593960	SSF x LoA	-7,89103719	0,104	0,306
CHR2	4593966	CHR2:4593966	SSF x LoA	-5,65134352	-0,080	0,308
CHR2	4594037	CHR2:4594037	SSF x LoA	-7,02239405	0,053	0,302
CHR2	4594038	CHR2:4594038	SSF x LoA	-8,92502375	0,046	0,320
CHR2	4607923	CHR2:4607923	SSF x LoA	-3,31518594	0,171	0,293
CHR2	4609569	CHR2:4609569	SSF x LoA	-11,9239892	0,051	0,307
CHR2	4613566	CHR2:4613566	SSF x LoA	-6,65029049	-0,146	0,299
CHR2	4615470	CHR2:4615470	SSF x LoA	-9,01148979	0,165	0,301
CHR2	4615588	CHR2:4615588	SSF x LoA	-8,23480847	-0,017	0,302
CHR2	4615602	CHR2:4615602	SSF x LoA	-10,5523118	-0,044	0,314
CHR2	4615655	CHR2:4615655	SSF x LoA	-9,08085461	-0,101	0,307
CHR2	4617139	CHR2:4617139	SSF x LoA	-6,44946906	0,019	0,309
CHR2	4618792	CHR2:4618792	SSF x LoA	-10,2111846	-0,033	0,310
CHR2	4618974	CHR2:4618974	SSF x LoA	-11,5600081	0,021	0,305
CHR2	4619009	CHR2:4619009	SSF x LoA	-10,8498161	-0,010	0,314
CHR2	4633982	CHR2:4633982	SSF x LoA	-9,64363904	0,012	0,304
CHR2	4634024	CHR2:4634024	SSF x LoA	-8,38311485	0,101	0,297
CHR2	4637235	CHR2:4637235	SSF x LoA	-11,7344486	0,051	0,315
CHR2	4639814	CHR2:4639814	SSF x LoA	-8,43438405	0,050	0,297
CHR2	4639819	CHR2:4639819	SSF x LoA	-4,08119771	-0,137	0,305
CHR2	4639835	CHR2:4639835	SSF x LoA	-9,15817154	0,092	0,297
CHR2	4639836	CHR2:4639836	SSF x LoA	-10,5730071	0,098	0,316
CHR2	4639882	CHR2:4639882	SSF x LoA	-7,04429798	-0,036	0,320
CHR2	4639905	CHR2:4639905	SSF x LoA	-10,0766291	0,076	0,320
CHR2	4639920	CHR2:4639920	SSF x LoA	-9,25721831	0,059	0,298
CHR2	4639924	CHR2:4639924	SSF x LoA	-9,18369288	0,095	0,296
CHR2	4639926	CHR2:4639926	SSF x LoA	-6,66547449	-0,186	0,290
CHR2	4639934	CHR2:4639934	SSF x LoA	-10,4582192	0,080	0,303
CHR2	4639945	CHR2:4639945	SSF x LoA	-7,40523585	0,066	0,301
CHR2	4639946	CHR2:4639946	SSF x LoA	-9,48656643	0,095	0,313
CHR2	4639955	CHR2:4639955	SSF x LoA	-9,35542794	0,080	0,300
CHR2	4639981	CHR2:4639981	SSF x LoA	-9,83236564	-0,068	0,310
CHR2	4649687	CHR2:4649687	SSF x LoA	-9,84267159	-0,085	0,308
CHR2	4649780	CHR2:4649780	SSF x LoA	-7,25078151	0,112	0,304
CHR2	4649781	CHR2:4649781	SSF x LoA	-7,97734475	0,113	0,295
CHR2	465706	CHR2:465706	SSF x LoA	-8,87509312	-0,067	0,311
CHR2	465712	CHR2:465712	SSF x LoA	-8,30801011	-0,037	0,313
CHR2	465771	CHR2:465771	SSF x LoA	-9,09181443	-0,051	0,309
CHR2	465784	CHR2:465784	SSF x LoA	-7,59148182	-0,043	0,311
CHR2	465794	CHR2:465794	SSF x LoA	-8,94302251	-0,056	0,310
CHR2	465918	CHR2:465918	SSF x LoA	-8,79753464	-0,069	0,299
CHR2	4665498	CHR2:4665498	SSF x LoA	-10,6616903	0,057	0,312
CHR2	4665567	CHR2:4665567	SSF x LoA	-11,7009174	-0,007	0,309
CHR2	4665606	CHR2:4665606	SSF x LoA	-9,82973356	0,124	0,302
CHR2	466839	CHR2:466839	SSF x LoA	-11,1571785	-0,041	0,305
CHR2	466844	CHR2:466844	SSF x LoA	-11,4131999	-0,027	0,298
CHR2	4685175	CHR2:4685175	SSF x LoA	-8,40605452	0,032	0,315
CHR2	4685382	CHR2:4685382	SSF x LoA	-10,3857387	0,013	0,309
CHR2	4685434	CHR2:4685434	SSF x LoA	-10,3562825	-0,035	0,307

CHR2	4689131	CHR2:4689131	SSF x LoA	-10,7467655	0,074	0,303
CHR2	4689154	CHR2:4689154	SSF x LoA	-8,5346089	0,087	0,310
CHR2	4689158	CHR2:4689158	SSF x LoA	-8,07428426	0,061	0,309
CHR2	4689181	CHR2:4689181	SSF x LoA	-7,11234942	0,048	0,299
CHR2	4689352	CHR2:4689352	SSF x LoA	-10,3831652	0,019	0,304
CHR2	4689368	CHR2:4689368	SSF x LoA	-2,17550626	-0,018	0,300
CHR2	4689402	CHR2:4689402	SSF x LoA	-10,9822121	0,048	0,297
CHR2	4702570	CHR2:4702570	SSF x LoA	-6,6076157	-0,064	0,296
CHR2	4702575	CHR2:4702575	SSF x LoA	-10,9415145	-0,036	0,303
CHR2	4702737	CHR2:4702737	SSF x LoA	-8,5183367	0,000	0,299
CHR2	4702743	CHR2:4702743	SSF x LoA	-9,05892796	0,002	0,304
CHR2	4702766	CHR2:4702766	SSF x LoA	-9,56298565	0,030	0,315
CHR2	4702778	CHR2:4702778	SSF x LoA	-10,0012993	-0,109	0,310
CHR2	4705094	CHR2:4705094	SSF x LoA	-10,525725	-0,096	0,306
CHR2	4705251	CHR2:4705251	SSF x LoA	-10,5403897	-0,103	0,302
CHR2	4730339	CHR2:4730339	SSF x LoA	-10,4986773	0,009	0,285
CHR2	4730424	CHR2:4730424	SSF x LoA	-7,77185039	0,112	0,311
CHR2	4731594	CHR2:4731594	SSF x LoA	-9,30750701	-0,054	0,305
CHR2	4733593	CHR2:4733593	SSF x LoA	-8,93336266	0,075	0,289
CHR2	4733612	CHR2:4733612	SSF x LoA	-9,596651	-0,060	0,309
CHR2	4733695	CHR2:4733695	SSF x LoA	-10,8671084	-0,047	0,304
CHR2	4733774	CHR2:4733774	SSF x LoA	-10,2988127	0,013	0,296
CHR2	4739337	CHR2:4739337	SSF x LoA	-7,09330809	0,017	0,312
CHR2	4739378	CHR2:4739378	SSF x LoA	-10,0179323	0,104	0,297
CHR2	4739396	CHR2:4739396	SSF x LoA	-6,30791457	0,124	0,293
CHR2	4739404	CHR2:4739404	SSF x LoA	-8,58864684	0,026	0,313
CHR2	4739405	CHR2:4739405	SSF x LoA	-9,33448431	0,000	0,301
CHR2	4746350	CHR2:4746350	SSF x LoA	-9,35343451	0,074	0,305
CHR2	4746378	CHR2:4746378	SSF x LoA	-10,6416441	-0,001	0,308
CHR2	4746468	CHR2:4746468	SSF x LoA	-9,73309278	0,065	0,320
CHR2	4746504	CHR2:4746504	SSF x LoA	-10,6198862	0,026	0,307
CHR2	4760361	CHR2:4760361	SSF x LoA	-10,0822122	0,116	0,296
CHR2	4760391	CHR2:4760391	SSF x LoA	-10,5387043	0,049	0,306
CHR2	4760474	CHR2:4760474	SSF x LoA	-10,8995449	-0,128	0,302
CHR2	4760519	CHR2:4760519	SSF x LoA	-8,15212883	0,041	0,315
CHR2	4765105	CHR2:4765105	SSF x LoA	-8,3971442	0,113	0,300
CHR2	4765116	CHR2:4765116	SSF x LoA	-10,1732931	0,105	0,284
CHR2	4765152	CHR2:4765152	SSF x LoA	-7,93401723	0,076	0,298
CHR2	4766477	CHR2:4766477	SSF x LoA	-7,30236387	-0,008	0,316
CHR2	4788694	CHR2:4788694	SSF x LoA	-9,02931618	0,060	0,302
CHR2	4799026	CHR2:4799026	SSF x LoA	-7,76975476	-0,062	0,311
CHR2	4799833	CHR2:4799833	SSF x LoA	-11,733237	0,051	0,301
CHR2	4829313	CHR2:4829313	SSF x LoA	-6,10805684	0,150	0,310
CHR2	4830280	CHR2:4830280	SSF x LoA	-12,0347124	-0,006	0,304
CHR2	4832922	CHR2:4832922	SSF x LoA	-10,3930169	-0,046	0,302
CHR2	4833014	CHR2:4833014	SSF x LoA	-9,82394653	0,114	0,306
CHR2	4862829	CHR2:4862829	SSF x LoA	-12,114396	0,018	0,298
CHR2	4862950	CHR2:4862950	SSF x LoA	-9,8358953	0,018	0,311
CHR2	4863693	CHR2:4863693	SSF x LoA	-10,0549463	-0,054	0,300
CHR2	4865525	CHR2:4865525	SSF x LoA	-10,6712581	-0,056	0,295
CHR2	4865538	CHR2:4865538	SSF x LoA	-9,92705271	0,028	0,295
CHR2	4865656	CHR2:4865656	SSF x LoA	-5,55127369	-0,257	0,289
CHR2	4880479	CHR2:4880479	SSF x LoA	-10,2288207	-0,118	0,302

CHR2	4880498	CHR2:4880498	SSF x LoA	-10,630621	-0,118	0,297
CHR2	4880564	CHR2:4880564	SSF x LoA	-11,0036519	-0,048	0,301
CHR2	4881231	CHR2:4881231	SSF x LoA	-10,8975642	0,088	0,301
CHR2	4881261	CHR2:4881261	SSF x LoA	-9,07123544	-0,167	0,301
CHR2	4881295	CHR2:4881295	SSF x LoA	-8,14827388	-0,098	0,302
CHR2	4888497	CHR2:4888497	SSF x LoA	-9,9162539	-0,004	0,306
CHR2	4888516	CHR2:4888516	SSF x LoA	-3,74126092	-0,158	0,320
CHR2	4888590	CHR2:4888590	SSF x LoA	-10,4013605	0,035	0,300
CHR2	4893914	CHR2:4893914	SSF x LoA	-11,1800391	0,018	0,299
CHR2	4893940	CHR2:4893940	SSF x LoA	-8,10463291	0,061	0,305
CHR2	4894015	CHR2:4894015	SSF x LoA	-10,4540078	0,071	0,286
CHR2	4894044	CHR2:4894044	SSF x LoA	-10,0581163	-0,014	0,297
CHR2	4894050	CHR2:4894050	SSF x LoA	-5,72465861	-0,047	0,301
CHR2	4899077	CHR2:4899077	SSF x LoA	-9,89620844	0,007	0,303
CHR2	4899682	CHR2:4899682	SSF x LoA	-7,10311023	-0,053	0,322
CHR2	4900740	CHR2:4900740	SSF x LoA	-12,0555649	-0,048	0,293
CHR2	4901291	CHR2:4901291	SSF x LoA	-6,9588591	-0,057	0,317
CHR2	4910421	CHR2:4910421	SSF x LoA	-4,45119318	-0,104	0,317
CHR2	4910499	CHR2:4910499	SSF x LoA	-9,09748514	-0,003	0,294
CHR2	4910559	CHR2:4910559	SSF x LoA	-10,5161072	-0,088	0,313
CHR2	4910572	CHR2:4910572	SSF x LoA	-8,65286132	0,011	0,310
CHR2	4910576	CHR2:4910576	SSF x LoA	-8,72463695	0,009	0,308
CHR2	4914165	CHR2:4914165	SSF x LoA	-11,4631007	0,032	0,317
CHR2	4924478	CHR2:4924478	SSF x LoA	-9,62304905	0,048	0,314
CHR2	4924517	CHR2:4924517	SSF x LoA	-11,1726189	-0,012	0,300
CHR2	4924549	CHR2:4924549	SSF x LoA	-8,84005207	0,061	0,304
CHR2	4924680	CHR2:4924680	SSF x LoA	-10,9483253	0,068	0,307
CHR2	4924686	CHR2:4924686	SSF x LoA	-9,87376426	-0,016	0,310
CHR2	4924693	CHR2:4924693	SSF x LoA	-8,80358001	0,049	0,291
CHR2	4924710	CHR2:4924710	SSF x LoA	-11,1337804	0,094	0,311
CHR2	4924711	CHR2:4924711	SSF x LoA	-9,39687726	-0,035	0,305
CHR2	4929335	CHR2:4929335	SSF x LoA	-8,5982502	0,039	0,304
CHR2	4936904	CHR2:4936904	SSF x LoA	-6,38411108	0,082	0,311
CHR2	4937507	CHR2:4937507	SSF x LoA	-8,59495673	0,018	0,299
CHR2	4937527	CHR2:4937527	SSF x LoA	3,07287363	-0,159	0,311
CHR2	4937676	CHR2:4937676	SSF x LoA	-8,83853674	0,204	0,309
CHR2	495124	CHR2:495124	SSF x LoA	-11,1736908	-0,018	0,317
CHR2	495127	CHR2:495127	SSF x LoA	-11,2478326	0,012	0,319
CHR2	4951506	CHR2:4951506	SSF x LoA	-9,73467173	-0,009	0,292
CHR2	4951515	CHR2:4951515	SSF x LoA	-8,49008285	0,013	0,313
CHR2	4951537	CHR2:4951537	SSF x LoA	-11,5151505	0,114	0,295
CHR2	4951549	CHR2:4951549	SSF x LoA	-9,12920407	-0,036	0,311
CHR2	495167	CHR2:495167	SSF x LoA	-9,80130312	-0,012	0,299
CHR2	4957264	CHR2:4957264	SSF x LoA	-9,44445422	-0,058	0,315
CHR2	4957363	CHR2:4957363	SSF x LoA	-9,97515392	-0,025	0,303
CHR2	4957370	CHR2:4957370	SSF x LoA	-7,51705458	-0,010	0,304
CHR2	495961	CHR2:495961	SSF x LoA	-8,24769925	0,091	0,306
CHR2	496044	CHR2:496044	SSF x LoA	-11,7211674	0,018	0,301
CHR2	4960719	CHR2:4960719	SSF x LoA	-9,07011452	0,023	0,305
CHR2	4960754	CHR2:4960754	SSF x LoA	-9,68563704	0,058	0,289
CHR2	4965400	CHR2:4965400	SSF x LoA	-9,27578844	0,076	0,296
CHR2	4970314	CHR2:4970314	SSF x LoA	-11,6200599	-0,010	0,319
CHR2	4970334	CHR2:4970334	SSF x LoA	-11,9736861	-0,019	0,305

CHR2	4970345	CHR2:4970345	SSF x LoA	-8,84391082	-0,068	0,298
CHR2	4970433	CHR2:4970433	SSF x LoA	-8,95427288	-0,020	0,307
CHR2	4970471	CHR2:4970471	SSF x LoA	-11,6390491	-0,008	0,304
CHR2	4970486	CHR2:4970486	SSF x LoA	-11,4105577	0,054	0,312
CHR2	4970493	CHR2:4970493	SSF x LoA	-9,48844714	-0,053	0,312
CHR2	4978428	CHR2:4978428	SSF x LoA	-8,47290177	-0,017	0,314
CHR2	4978442	CHR2:4978442	SSF x LoA	-11,878682	0,011	0,303
CHR2	4978451	CHR2:4978451	SSF x LoA	-9,63846478	-0,048	0,315
CHR2	4978658	CHR2:4978658	SSF x LoA	-8,14827276	-0,059	0,314
CHR2	4978690	CHR2:4978690	SSF x LoA	-10,6143385	0,000	0,311
CHR2	4984118	CHR2:4984118	SSF x LoA	-9,00840294	0,039	0,309
CHR2	4984145	CHR2:4984145	SSF x LoA	-9,35782264	0,013	0,314
CHR2	4984159	CHR2:4984159	SSF x LoA	-0,70074654	-0,108	0,308
CHR2	4984195	CHR2:4984195	SSF x LoA	-8,91443325	0,031	0,314
CHR2	4984213	CHR2:4984213	SSF x LoA	-8,65431895	0,014	0,325
CHR2	4984218	CHR2:4984218	SSF x LoA	-6,69911281	0,127	0,292
CHR2	5008265	CHR2:5008265	SSF x LoA	-9,07331506	0,020	0,313
CHR2	5008276	CHR2:5008276	SSF x LoA	-6,4827972	-0,105	0,302
CHR2	5009236	CHR2:5009236	SSF x LoA	-6,05652043	-0,036	0,311
CHR2	5013234	CHR2:5013234	SSF x LoA	-8,82788818	0,067	0,306
CHR2	501349	CHR2:501349	SSF x LoA	-11,4779699	-0,015	0,308
CHR2	5033115	CHR2:5033115	SSF x LoA	-9,01474863	0,068	0,307
CHR2	5033129	CHR2:5033129	SSF x LoA	-8,25886114	-0,088	0,304
CHR2	5033173	CHR2:5033173	SSF x LoA	-8,59391652	-0,066	0,293
CHR2	5033185	CHR2:5033185	SSF x LoA	-8,92077237	-0,035	0,306
CHR2	5035928	CHR2:5035928	SSF x LoA	-9,7815665	-0,001	0,317
CHR2	5035932	CHR2:5035932	SSF x LoA	-8,72683724	-0,011	0,304
CHR2	5035943	CHR2:5035943	SSF x LoA	-9,78079247	0,016	0,296
CHR2	5035965	CHR2:5035965	SSF x LoA	-7,62519847	0,131	0,311
CHR2	5035995	CHR2:5035995	SSF x LoA	-9,75748757	0,016	0,302
CHR2	5036036	CHR2:5036036	SSF x LoA	-10,6530264	-0,111	0,295
CHR2	5038593	CHR2:5038593	SSF x LoA	-9,81696799	0,088	0,319
CHR2	5038726	CHR2:5038726	SSF x LoA	-9,51354735	-0,100	0,304
CHR2	5038734	CHR2:5038734	SSF x LoA	-0,35178011	-0,130	0,303
CHR2	5038757	CHR2:5038757	SSF x LoA	-9,28712883	0,088	0,309
CHR2	5044306	CHR2:5044306	SSF x LoA	-10,9378368	-0,050	0,314
CHR2	5044310	CHR2:5044310	SSF x LoA	-9,3770156	-0,037	0,309
CHR2	5044318	CHR2:5044318	SSF x LoA	-10,0099151	-0,073	0,305
CHR2	5046829	CHR2:5046829	SSF x LoA	-8,12000313	-0,061	0,296
CHR2	5046840	CHR2:5046840	SSF x LoA	-1,79702274	-0,155	0,300
CHR2	5049988	CHR2:5049988	SSF x LoA	-9,49718017	-0,069	0,303
CHR2	5050129	CHR2:5050129	SSF x LoA	-10,4721688	-0,033	0,306
CHR2	5050141	CHR2:5050141	SSF x LoA	-11,2453218	-0,019	0,308
CHR2	5050250	CHR2:5050250	SSF x LoA	-9,59779016	0,067	0,313
CHR2	5076663	CHR2:5076663	SSF x LoA	-8,10015186	-0,001	0,320
CHR2	5076669	CHR2:5076669	SSF x LoA	-7,7050012	-0,029	0,328
CHR2	5076900	CHR2:5076900	SSF x LoA	-7,68262531	0,178	0,293
CHR2	5076903	CHR2:5076903	SSF x LoA	-10,5279803	-0,064	0,304
CHR2	5079620	CHR2:5079620	SSF x LoA	-11,5064411	-0,072	0,306
CHR2	5079672	CHR2:5079672	SSF x LoA	-7,78534771	0,062	0,316
CHR2	5079711	CHR2:5079711	SSF x LoA	-11,4596862	0,012	0,304
CHR2	5079886	CHR2:5079886	SSF x LoA	-11,0710821	-0,042	0,307
CHR2	5079906	CHR2:5079906	SSF x LoA	-10,6075476	0,023	0,318

CHR2	5079909	CHR2:5079909	SSF x LoA	-10,3904571	0,006	0,305
CHR2	5084120	CHR2:5084120	SSF x LoA	-8,16634212	0,109	0,311
CHR2	5084165	CHR2:5084165	SSF x LoA	-7,86264392	0,123	0,305
CHR2	5084198	CHR2:5084198	SSF x LoA	-1,84855666	-0,068	0,309
CHR2	5092957	CHR2:5092957	SSF x LoA	-9,59115087	0,011	0,301
CHR2	5092986	CHR2:5092986	SSF x LoA	-11,0591888	-0,059	0,292
CHR2	5093039	CHR2:5093039	SSF x LoA	-9,82430964	-0,028	0,305
CHR2	5095382	CHR2:5095382	SSF x LoA	-10,3293679	0,049	0,320
CHR2	5095399	CHR2:5095399	SSF x LoA	-12,0369265	-0,024	0,297
CHR2	5095421	CHR2:5095421	SSF x LoA	-8,75001126	-0,008	0,309
CHR2	5095444	CHR2:5095444	SSF x LoA	-9,37749341	0,000	0,299
CHR2	5095451	CHR2:5095451	SSF x LoA	-9,82321255	0,012	0,295
CHR2	5095454	CHR2:5095454	SSF x LoA	-6,88437352	0,015	0,306
CHR2	5095464	CHR2:5095464	SSF x LoA	-7,86469691	-0,009	0,311
CHR2	5095469	CHR2:5095469	SSF x LoA	-9,70264817	0,001	0,300
CHR2	5095477	CHR2:5095477	SSF x LoA	-9,94158474	-0,002	0,295
CHR2	5095491	CHR2:5095491	SSF x LoA	-8,58877641	-0,050	0,290
CHR2	5095504	CHR2:5095504	SSF x LoA	-11,1123636	0,013	0,312
CHR2	5095531	CHR2:5095531	SSF x LoA	-8,25636337	-0,072	0,300
CHR2	5095545	CHR2:5095545	SSF x LoA	-10,1863155	0,040	0,316
CHR2	5100065	CHR2:5100065	SSF x LoA	-7,80971635	0,052	0,308
CHR2	5100077	CHR2:5100077	SSF x LoA	-9,39832577	-0,035	0,312
CHR2	5100156	CHR2:5100156	SSF x LoA	-8,27763819	0,100	0,310
CHR2	5104544	CHR2:5104544	SSF x LoA	-10,2599241	0,050	0,321
CHR2	5104583	CHR2:5104583	SSF x LoA	-10,48884	-0,087	0,293
CHR2	5106514	CHR2:5106514	SSF x LoA	-7,85947488	0,141	0,307
CHR2	5106556	CHR2:5106556	SSF x LoA	-7,94396219	-0,069	0,306
CHR2	5106558	CHR2:5106558	SSF x LoA	-8,50948055	0,188	0,296
CHR2	5107075	CHR2:5107075	SSF x LoA	-8,16557296	-0,025	0,320
CHR2	5107086	CHR2:5107086	SSF x LoA	-9,86835355	0,023	0,323
CHR2	5107089	CHR2:5107089	SSF x LoA	-7,77765722	0,014	0,326
CHR2	5107111	CHR2:5107111	SSF x LoA	-8,51162789	-0,063	0,320
CHR2	5107126	CHR2:5107126	SSF x LoA	-8,94881629	-0,058	0,320
CHR2	5107138	CHR2:5107138	SSF x LoA	-10,7115044	0,009	0,319
CHR2	5107145	CHR2:5107145	SSF x LoA	-7,47885954	-0,007	0,308
CHR2	5107152	CHR2:5107152	SSF x LoA	-9,35910222	0,033	0,296
CHR2	5111833	CHR2:5111833	SSF x LoA	-8,98381537	-0,059	0,299
CHR2	5112069	CHR2:5112069	SSF x LoA	-11,0438515	0,049	0,304
CHR2	5112103	CHR2:5112103	SSF x LoA	-8,0600409	-0,203	0,313
CHR2	5112110	CHR2:5112110	SSF x LoA	-10,354131	-0,178	0,296
CHR2	5112112	CHR2:5112112	SSF x LoA	-7,76700278	-0,212	0,299
CHR2	5131261	CHR2:5131261	SSF x LoA	-6,00969343	0,222	0,293
CHR2	5153191	CHR2:5153191	SSF x LoA	-9,62677615	-0,041	0,314
CHR2	5153230	CHR2:5153230	SSF x LoA	-10,7304496	0,083	0,311
CHR2	5153249	CHR2:5153249	SSF x LoA	-8,43297392	-0,081	0,321
CHR2	5159937	CHR2:5159937	SSF x LoA	-10,7952355	-0,061	0,311
CHR2	5160004	CHR2:5160004	SSF x LoA	-6,3895123	0,124	0,307
CHR2	5161428	CHR2:5161428	SSF x LoA	-8,01093931	0,045	0,299
CHR2	5161452	CHR2:5161452	SSF x LoA	-9,11646246	0,053	0,310
CHR2	5161462	CHR2:5161462	SSF x LoA	-8,04760173	0,080	0,290
CHR2	5161463	CHR2:5161463	SSF x LoA	-8,67168602	0,055	0,302
CHR2	5161538	CHR2:5161538	SSF x LoA	-8,35694334	-0,070	0,298
CHR2	5161597	CHR2:5161597	SSF x LoA	-9,13178537	-0,055	0,305

CHR2	5161628	CHR2:5161628	SSF x LoA	-9,58613854	-0,042	0,310
CHR2	5161630	CHR2:5161630	SSF x LoA	-6,59578807	0,123	0,303
CHR2	5164664	CHR2:5164664	SSF x LoA	-6,86220236	0,193	0,308
CHR2	5164666	CHR2:5164666	SSF x LoA	-0,78665525	0,013	0,314
CHR2	5164687	CHR2:5164687	SSF x LoA	-7,19515153	0,012	0,309
CHR2	5190476	CHR2:5190476	SSF x LoA	-8,20007386	0,011	0,323
CHR2	5207950	CHR2:5207950	SSF x LoA	-11,0025278	-0,013	0,295
CHR2	5208064	CHR2:5208064	SSF x LoA	-9,51699436	0,050	0,307
CHR2	5208088	CHR2:5208088	SSF x LoA	-10,8345351	0,064	0,309
CHR2	5208129	CHR2:5208129	SSF x LoA	-8,99162801	-0,058	0,306
CHR2	5208159	CHR2:5208159	SSF x LoA	-8,34437734	0,004	0,307
CHR2	5215664	CHR2:5215664	SSF x LoA	-10,8413896	-0,054	0,312
CHR2	5220652	CHR2:5220652	SSF x LoA	-11,3380092	-0,012	0,313
CHR2	5220655	CHR2:5220655	SSF x LoA	-10,3139662	-0,044	0,307
CHR2	5220802	CHR2:5220802	SSF x LoA	-6,11911482	-0,052	0,308
CHR2	5220821	CHR2:5220821	SSF x LoA	-10,0945311	-0,068	0,314
CHR2	5220837	CHR2:5220837	SSF x LoA	-9,53618714	-0,057	0,321
CHR2	5220855	CHR2:5220855	SSF x LoA	-6,74406428	0,029	0,304
CHR2	5220859	CHR2:5220859	SSF x LoA	-8,66672482	-0,058	0,307
CHR2	5227215	CHR2:5227215	SSF x LoA	-7,50364467	0,052	0,303
CHR2	5227243	CHR2:5227243	SSF x LoA	-7,46303501	0,145	0,303
CHR2	5227251	CHR2:5227251	SSF x LoA	-6,38121978	0,035	0,310
CHR2	5227297	CHR2:5227297	SSF x LoA	-7,7877578	0,104	0,306
CHR2	5231155	CHR2:5231155	SSF x LoA	-10,1093295	0,040	0,295
CHR2	5231172	CHR2:5231172	SSF x LoA	-9,20832344	0,035	0,313
CHR2	5231178	CHR2:5231178	SSF x LoA	-8,24424188	-0,088	0,307
CHR2	5240456	CHR2:5240456	SSF x LoA	-8,22332448	0,046	0,305
CHR2	5240465	CHR2:5240465	SSF x LoA	-7,06428278	0,035	0,292
CHR2	5240473	CHR2:5240473	SSF x LoA	-9,14440502	-0,088	0,296
CHR2	5240507	CHR2:5240507	SSF x LoA	-5,38447593	0,094	0,294
CHR2	5244456	CHR2:5244456	SSF x LoA	-9,74579774	0,007	0,311
CHR2	5244787	CHR2:5244787	SSF x LoA	-7,813184	-0,144	0,298
CHR2	5244812	CHR2:5244812	SSF x LoA	-7,53632589	-0,130	0,299
CHR2	5244836	CHR2:5244836	SSF x LoA	-10,1022813	-0,081	0,317
CHR2	5244870	CHR2:5244870	SSF x LoA	-9,11022062	0,055	0,302
CHR2	5244902	CHR2:5244902	SSF x LoA	-10,9195163	-0,022	0,307
CHR2	5250735	CHR2:5250735	SSF x LoA	-9,27241212	-0,026	0,314
CHR2	5250744	CHR2:5250744	SSF x LoA	-8,03204292	0,054	0,307
CHR2	5250752	CHR2:5250752	SSF x LoA	-8,37773486	0,090	0,308
CHR2	5250767	CHR2:5250767	SSF x LoA	-10,7529775	0,011	0,292
CHR2	5250780	CHR2:5250780	SSF x LoA	-9,03645302	-0,013	0,311
CHR2	5250789	CHR2:5250789	SSF x LoA	-11,0042954	0,029	0,289
CHR2	5250905	CHR2:5250905	SSF x LoA	-4,64172563	0,083	0,306
CHR2	525657	CHR2:525657	SSF x LoA	-9,52517134	-0,004	0,314
CHR2	5271009	CHR2:5271009	SSF x LoA	-10,9387086	-0,148	0,290
CHR2	5273411	CHR2:5273411	SSF x LoA	-11,2265126	-0,091	0,303
CHR2	5273691	CHR2:5273691	SSF x LoA	-8,83939202	-0,014	0,301
CHR2	5276203	CHR2:5276203	SSF x LoA	-2,23382375	-0,146	0,302
CHR2	5276204	CHR2:5276204	SSF x LoA	-11,4663952	-0,071	0,299
CHR2	5276209	CHR2:5276209	SSF x LoA	-7,31871002	-0,118	0,308
CHR2	5276236	CHR2:5276236	SSF x LoA	-9,41079879	-0,055	0,303
CHR2	5276293	CHR2:5276293	SSF x LoA	-10,3577607	-0,087	0,302
CHR2	5276328	CHR2:5276328	SSF x LoA	-9,20408328	-0,075	0,313

CHR2	5277959	CHR2:5277959	SSF x LoA	-7,19437936	0,049	0,327
CHR2	5277980	CHR2:5277980	SSF x LoA	-8,8357523	-0,091	0,309
CHR2	5277993	CHR2:5277993	SSF x LoA	-8,36387083	0,048	0,309
CHR2	5278060	CHR2:5278060	SSF x LoA	-11,7089189	-0,026	0,315
CHR2	5280885	CHR2:5280885	SSF x LoA	-10,732084	-0,023	0,306
CHR2	5280941	CHR2:5280941	SSF x LoA	-7,85912563	0,110	0,303
CHR2	5281365	CHR2:5281365	SSF x LoA	-1,99017709	-0,062	0,316
CHR2	5281366	CHR2:5281366	SSF x LoA	-10,260608	-0,110	0,296
CHR2	5281385	CHR2:5281385	SSF x LoA	-5,89854295	0,223	0,283
CHR2	5281391	CHR2:5281391	SSF x LoA	-12,089075	-0,022	0,308
CHR2	5281396	CHR2:5281396	SSF x LoA	-7,97278689	-0,096	0,299
CHR2	5288009	CHR2:5288009	SSF x LoA	-9,0589767	-0,069	0,278
CHR2	5288077	CHR2:5288077	SSF x LoA	-8,00959438	0,049	0,301
CHR2	5288105	CHR2:5288105	SSF x LoA	-7,90185618	-0,122	0,312
CHR2	5288133	CHR2:5288133	SSF x LoA	-5,98195664	-0,003	0,322
CHR2	5288177	CHR2:5288177	SSF x LoA	-8,23312741	-0,092	0,309
CHR2	5288179	CHR2:5288179	SSF x LoA	-10,8410816	-0,093	0,313
CHR2	5288181	CHR2:5288181	SSF x LoA	-7,47749938	-0,151	0,294
CHR2	5288222	CHR2:5288222	SSF x LoA	-10,2563228	0,039	0,314
CHR2	5292610	CHR2:5292610	SSF x LoA	-6,42285202	0,091	0,298
CHR2	5292628	CHR2:5292628	SSF x LoA	-9,62665196	0,011	0,303
CHR2	5305068	CHR2:5305068	SSF x LoA	-9,50246478	-0,014	0,309
CHR2	5305080	CHR2:5305080	SSF x LoA	-6,85248712	0,056	0,301
CHR2	5305131	CHR2:5305131	SSF x LoA	-9,88216389	0,047	0,298
CHR2	5305136	CHR2:5305136	SSF x LoA	-4,52127003	0,161	0,292
CHR2	5305148	CHR2:5305148	SSF x LoA	-9,22906612	0,044	0,311
CHR2	5305183	CHR2:5305183	SSF x LoA	-6,11131237	-0,153	0,308
CHR2	5307528	CHR2:5307528	SSF x LoA	-9,79970251	0,014	0,308
CHR2	5307540	CHR2:5307540	SSF x LoA	-9,98728926	0,053	0,297
CHR2	5316698	CHR2:5316698	SSF x LoA	-8,8010135	0,028	0,311
CHR2	5316715	CHR2:5316715	SSF x LoA	-10,9529757	-0,031	0,311
CHR2	5316727	CHR2:5316727	SSF x LoA	-11,4622028	-0,118	0,297
CHR2	5316738	CHR2:5316738	SSF x LoA	-9,18536293	-0,045	0,302
CHR2	5316814	CHR2:5316814	SSF x LoA	-10,8307461	0,052	0,313
CHR2	5316825	CHR2:5316825	SSF x LoA	-9,72403321	0,139	0,301
CHR2	5316894	CHR2:5316894	SSF x LoA	-10,8859955	0,039	0,301
CHR2	5316919	CHR2:5316919	SSF x LoA	-10,4966386	0,125	0,310
CHR2	5326926	CHR2:5326926	SSF x LoA	-7,50113168	-0,086	0,298
CHR2	5326929	CHR2:5326929	SSF x LoA	-5,35107228	-0,172	0,278
CHR2	5326959	CHR2:5326959	SSF x LoA	-11,2629591	-0,008	0,303
CHR2	5327027	CHR2:5327027	SSF x LoA	-9,05142116	-0,141	0,304
CHR2	5327045	CHR2:5327045	SSF x LoA	-11,2581155	0,043	0,305
CHR2	5330827	CHR2:5330827	SSF x LoA	-7,66037976	-0,090	0,309
CHR2	5330860	CHR2:5330860	SSF x LoA	-9,80907194	0,012	0,310
CHR2	5330891	CHR2:5330891	SSF x LoA	-5,80242226	0,054	0,296
CHR2	5330918	CHR2:5330918	SSF x LoA	-6,04549625	0,076	0,300
CHR2	5330934	CHR2:5330934	SSF x LoA	-9,82739531	0,094	0,295
CHR2	5330943	CHR2:5330943	SSF x LoA	-9,28836013	0,089	0,290
CHR2	5331004	CHR2:5331004	SSF x LoA	-5,60464998	0,105	0,297
CHR2	5331005	CHR2:5331005	SSF x LoA	-10,719437	-0,110	0,299
CHR2	5331016	CHR2:5331016	SSF x LoA	-8,88528967	0,043	0,308
CHR2	5331024	CHR2:5331024	SSF x LoA	-7,79257098	0,104	0,310
CHR2	5331030	CHR2:5331030	SSF x LoA	-9,89540411	-0,010	0,309

CHR2	5350426	CHR2:5350426	SSF x LoA	-7,84489812	-0,171	0,292
CHR2	5366370	CHR2:5366370	SSF x LoA	-11,0350873	-0,042	0,302
CHR2	5366419	CHR2:5366419	SSF x LoA	-11,5233955	-0,049	0,307
CHR2	5384321	CHR2:5384321	SSF x LoA	-10,151912	-0,131	0,297
CHR2	5384372	CHR2:5384372	SSF x LoA	-6,87649029	-0,200	0,306
CHR2	5389877	CHR2:5389877	SSF x LoA	-6,88674959	0,033	0,305
CHR2	539148	CHR2:539148	SSF x LoA	-9,8986618	-0,057	0,303
CHR2	5395790	CHR2:5395790	SSF x LoA	-7,36634796	-0,113	0,305
CHR2	5395860	CHR2:5395860	SSF x LoA	-10,1737383	0,019	0,317
CHR2	5395968	CHR2:5395968	SSF x LoA	-9,49624847	-0,085	0,298
CHR2	5395977	CHR2:5395977	SSF x LoA	-7,55508709	0,074	0,323
CHR2	5395978	CHR2:5395978	SSF x LoA	-7,87366975	0,113	0,307
CHR2	5395983	CHR2:5395983	SSF x LoA	-4,97608972	0,138	0,297
CHR2	5396007	CHR2:5396007	SSF x LoA	-8,70666458	-0,144	0,309
CHR2	5396008	CHR2:5396008	SSF x LoA	-7,73437228	-0,128	0,315
CHR2	5396097	CHR2:5396097	SSF x LoA	-10,4370918	-0,040	0,315
CHR2	5400112	CHR2:5400112	SSF x LoA	-10,2270835	0,008	0,292
CHR2	5400124	CHR2:5400124	SSF x LoA	-9,02531399	-0,023	0,304
CHR2	5400229	CHR2:5400229	SSF x LoA	-11,4516538	-0,017	0,307
CHR2	5434138	CHR2:5434138	SSF x LoA	-8,83098148	-0,013	0,303
CHR2	5434219	CHR2:5434219	SSF x LoA	-10,1488803	0,030	0,311
CHR2	5434223	CHR2:5434223	SSF x LoA	-9,27895745	-0,038	0,308
CHR2	5434250	CHR2:5434250	SSF x LoA	-9,59828551	-0,009	0,319
CHR2	5436378	CHR2:5436378	SSF x LoA	-6,2146633	0,225	0,285
CHR2	5436380	CHR2:5436380	SSF x LoA	-6,36537127	-0,085	0,309
CHR2	5436389	CHR2:5436389	SSF x LoA	-8,31868391	-0,001	0,324
CHR2	5436398	CHR2:5436398	SSF x LoA	1,13545284	0,216	0,295
CHR2	5436432	CHR2:5436432	SSF x LoA	-9,32087481	-0,133	0,296
CHR2	5436436	CHR2:5436436	SSF x LoA	-2,37832768	0,211	0,284
CHR2	5436538	CHR2:5436538	SSF x LoA	-10,8951973	-0,046	0,305
CHR2	5436569	CHR2:5436569	SSF x LoA	-8,75107331	-0,004	0,307
CHR2	5436574	CHR2:5436574	SSF x LoA	-9,51377269	-0,042	0,316
CHR2	5436585	CHR2:5436585	SSF x LoA	-0,82975722	-0,204	0,291
CHR2	5438497	CHR2:5438497	SSF x LoA	-10,8803489	0,118	0,300
CHR2	5439263	CHR2:5439263	SSF x LoA	-11,7133846	0,059	0,304
CHR2	5439294	CHR2:5439294	SSF x LoA	-8,83833076	-0,024	0,319
CHR2	5439328	CHR2:5439328	SSF x LoA	-8,96083618	0,002	0,308
CHR2	5444338	CHR2:5444338	SSF x LoA	-6,77592338	0,110	0,300
CHR2	5444341	CHR2:5444341	SSF x LoA	-11,0033063	0,042	0,309
CHR2	5444381	CHR2:5444381	SSF x LoA	-8,50703795	0,101	0,302
CHR2	5444389	CHR2:5444389	SSF x LoA	-7,76816898	0,098	0,323
CHR2	5444390	CHR2:5444390	SSF x LoA	-6,26690809	0,101	0,305
CHR2	5444398	CHR2:5444398	SSF x LoA	-7,24306923	0,146	0,304
CHR2	5450636	CHR2:5450636	SSF x LoA	-11,4665251	0,049	0,293
CHR2	5467239	CHR2:5467239	SSF x LoA	-8,90245435	0,064	0,303
CHR2	5467543	CHR2:5467543	SSF x LoA	-6,84542702	-0,199	0,288
CHR2	5471902	CHR2:5471902	SSF x LoA	-9,79907055	-0,080	0,304
CHR2	5471969	CHR2:5471969	SSF x LoA	-9,97422548	0,066	0,308
CHR2	5472014	CHR2:5472014	SSF x LoA	-9,96812174	0,049	0,304
CHR2	5473292	CHR2:5473292	SSF x LoA	-9,15428188	0,083	0,311
CHR2	5473303	CHR2:5473303	SSF x LoA	-9,72449814	0,035	0,293
CHR2	5473433	CHR2:5473433	SSF x LoA	-8,88660298	0,019	0,307
CHR2	5483815	CHR2:5483815	SSF x LoA	-10,5991023	-0,008	0,311

CHR2	5483816	CHR2:5483816	SSF x LoA	-9,47873272	-0,012	0,305
CHR2	5483949	CHR2:5483949	SSF x LoA	-10,553662	-0,022	0,307
CHR2	5483952	CHR2:5483952	SSF x LoA	-9,01479394	-0,058	0,297
CHR2	5484166	CHR2:5484166	SSF x LoA	-9,20920039	-0,014	0,309
CHR2	5484179	CHR2:5484179	SSF x LoA	-7,49785684	0,001	0,314
CHR2	5484186	CHR2:5484186	SSF x LoA	-9,09752389	0,101	0,315
CHR2	5484232	CHR2:5484232	SSF x LoA	-6,20764358	-0,056	0,310
CHR2	5484284	CHR2:5484284	SSF x LoA	-8,06450665	0,028	0,293
CHR2	5488919	CHR2:5488919	SSF x LoA	-8,42255535	0,021	0,314
CHR2	5488931	CHR2:5488931	SSF x LoA	-8,78428013	0,110	0,299
CHR2	5488954	CHR2:5488954	SSF x LoA	-11,5382047	-0,029	0,294
CHR2	5489036	CHR2:5489036	SSF x LoA	-9,56497798	-0,086	0,299
CHR2	5489216	CHR2:5489216	SSF x LoA	-10,0923528	-0,137	0,299
CHR2	5489220	CHR2:5489220	SSF x LoA	-7,61064326	-0,068	0,309
CHR2	5489252	CHR2:5489252	SSF x LoA	-9,16953928	-0,035	0,316
CHR2	5489279	CHR2:5489279	SSF x LoA	-9,0857496	0,000	0,307
CHR2	5489282	CHR2:5489282	SSF x LoA	-9,45765848	-0,032	0,307
CHR2	5489286	CHR2:5489286	SSF x LoA	-8,36368073	-0,005	0,301
CHR2	5489293	CHR2:5489293	SSF x LoA	-9,17734722	-0,009	0,304
CHR2	5489296	CHR2:5489296	SSF x LoA	-8,92274245	-0,063	0,307
CHR2	5492942	CHR2:5492942	SSF x LoA	-9,29971611	-0,012	0,305
CHR2	5492957	CHR2:5492957	SSF x LoA	-11,1325281	0,080	0,310
CHR2	5492967	CHR2:5492967	SSF x LoA	-8,04935044	-0,034	0,317
CHR2	5492969	CHR2:5492969	SSF x LoA	-9,24673964	-0,009	0,295
CHR2	5493069	CHR2:5493069	SSF x LoA	-9,11577074	-0,058	0,321
CHR2	5514125	CHR2:5514125	SSF x LoA	-10,8996479	-0,030	0,317
CHR2	5514145	CHR2:5514145	SSF x LoA	-10,8165992	-0,082	0,299
CHR2	5519775	CHR2:5519775	SSF x LoA	-7,64608571	0,173	0,296
CHR2	5519787	CHR2:5519787	SSF x LoA	-8,91657388	0,079	0,293
CHR2	5519828	CHR2:5519828	SSF x LoA	-7,86795282	0,047	0,316
CHR2	5519887	CHR2:5519887	SSF x LoA	-7,42934332	0,018	0,310
CHR2	5519942	CHR2:5519942	SSF x LoA	-7,37829752	0,169	0,292
CHR2	5520024	CHR2:5520024	SSF x LoA	-10,8789206	-0,018	0,304
CHR2	5523797	CHR2:5523797	SSF x LoA	-10,6120639	0,028	0,291
CHR2	5565761	CHR2:5565761	SSF x LoA	-12,0220583	-0,003	0,306
CHR2	5565794	CHR2:5565794	SSF x LoA	-4,47188549	-0,163	0,278
CHR2	5565890	CHR2:5565890	SSF x LoA	-11,2236131	-0,010	0,302
CHR2	5565898	CHR2:5565898	SSF x LoA	-6,54772514	-0,106	0,301
CHR2	5587714	CHR2:5587714	SSF x LoA	-11,8566223	-0,055	0,296
CHR2	5587790	CHR2:5587790	SSF x LoA	-7,91172682	0,039	0,298
CHR2	5590822	CHR2:5590822	SSF x LoA	-9,65212085	-0,131	0,298
CHR2	5592073	CHR2:5592073	SSF x LoA	-9,01267726	0,008	0,320
CHR2	5592228	CHR2:5592228	SSF x LoA	-8,31782271	-0,105	0,305
CHR2	5592274	CHR2:5592274	SSF x LoA	-8,84146295	0,075	0,312
CHR2	55924	CHR2:55924	SSF x LoA	-8,28614495	0,018	0,326
CHR2	5604595	CHR2:5604595	SSF x LoA	-11,5623869	-0,045	0,298
CHR2	5604613	CHR2:5604613	SSF x LoA	-10,7199553	-0,064	0,321
CHR2	5604653	CHR2:5604653	SSF x LoA	-8,58326124	-0,001	0,320
CHR2	5604853	CHR2:5604853	SSF x LoA	-8,14958972	0,093	0,313
CHR2	5604867	CHR2:5604867	SSF x LoA	-9,83236395	-0,049	0,292
CHR2	5604895	CHR2:5604895	SSF x LoA	-10,9554471	-0,083	0,299
CHR2	5604902	CHR2:5604902	SSF x LoA	-6,51248373	-0,090	0,306
CHR2	5618415	CHR2:5618415	SSF x LoA	-9,37555335	0,041	0,312

CHR2	5618493	CHR2:5618493	SSF x LoA	-7,01835157	0,030	0,314
CHR2	5618566	CHR2:5618566	SSF x LoA	-9,60084583	-0,048	0,308
CHR2	5624599	CHR2:5624599	SSF x LoA	-10,2034492	0,089	0,304
CHR2	5624638	CHR2:5624638	SSF x LoA	-7,12591533	-0,031	0,310
CHR2	5624677	CHR2:5624677	SSF x LoA	-9,97049376	0,015	0,312
CHR2	5625864	CHR2:5625864	SSF x LoA	-9,00177486	0,029	0,306
CHR2	5631345	CHR2:5631345	SSF x LoA	-8,32949843	-0,110	0,314
CHR2	5631489	CHR2:5631489	SSF x LoA	-6,83531348	0,051	0,315
CHR2	5631511	CHR2:5631511	SSF x LoA	-10,8472907	-0,017	0,311
CHR2	564983	CHR2:564983	SSF x LoA	-6,48192805	-0,063	0,315
CHR2	5652145	CHR2:5652145	SSF x LoA	-10,9471947	-0,025	0,304
CHR2	5668453	CHR2:5668453	SSF x LoA	-6,10367103	-0,051	0,320
CHR2	5668467	CHR2:5668467	SSF x LoA	-8,41177557	0,008	0,299
CHR2	5675485	CHR2:5675485	SSF x LoA	-8,64432911	0,000	0,314
CHR2	5676466	CHR2:5676466	SSF x LoA	-3,34948811	0,043	0,316
CHR2	5676640	CHR2:5676640	SSF x LoA	-7,95495528	-0,066	0,318
CHR2	5676725	CHR2:5676725	SSF x LoA	-7,7209445	0,061	0,308
CHR2	5680057	CHR2:5680057	SSF x LoA	-4,58900762	-0,102	0,316
CHR2	5680116	CHR2:5680116	SSF x LoA	-7,47417539	0,077	0,294
CHR2	5680117	CHR2:5680117	SSF x LoA	-6,9812668	0,069	0,311
CHR2	5680164	CHR2:5680164	SSF x LoA	-8,9252584	0,081	0,310
CHR2	5680169	CHR2:5680169	SSF x LoA	-8,0416726	0,093	0,300
CHR2	5680188	CHR2:5680188	SSF x LoA	-9,93547607	0,021	0,302
CHR2	5680192	CHR2:5680192	SSF x LoA	-11,6237856	-0,050	0,306
CHR2	5680195	CHR2:5680195	SSF x LoA	-10,9860471	-0,037	0,307
CHR2	5680201	CHR2:5680201	SSF x LoA	-8,90843925	-0,069	0,304
CHR2	5680206	CHR2:5680206	SSF x LoA	-7,81635023	0,007	0,306
CHR2	5689978	CHR2:5689978	SSF x LoA	-8,86142652	-0,016	0,313
CHR2	5690103	CHR2:5690103	SSF x LoA	1,34923161	-0,224	0,307
CHR2	5690213	CHR2:5690213	SSF x LoA	-8,77259531	-0,126	0,295
CHR2	5690232	CHR2:5690232	SSF x LoA	-8,24442306	0,051	0,316
CHR2	5690241	CHR2:5690241	SSF x LoA	-10,8266884	0,029	0,315
CHR2	5690245	CHR2:5690245	SSF x LoA	-6,8533052	-0,162	0,310
CHR2	5690274	CHR2:5690274	SSF x LoA	-10,3495439	0,015	0,323
CHR2	5690311	CHR2:5690311	SSF x LoA	-9,47718126	-0,001	0,309
CHR2	5690340	CHR2:5690340	SSF x LoA	-9,17554045	-0,016	0,286
CHR2	5698286	CHR2:5698286	SSF x LoA	-10,7184686	0,035	0,307
CHR2	5698335	CHR2:5698335	SSF x LoA	-10,5458731	0,073	0,322
CHR2	5698368	CHR2:5698368	SSF x LoA	-11,162765	-0,041	0,302
CHR2	5704875	CHR2:5704875	SSF x LoA	-5,7302262	0,116	0,286
CHR2	5704888	CHR2:5704888	SSF x LoA	-9,18763005	-0,006	0,298
CHR2	5704932	CHR2:5704932	SSF x LoA	-8,73572233	-0,040	0,314
CHR2	5704942	CHR2:5704942	SSF x LoA	-9,15231208	-0,031	0,303
CHR2	5705595	CHR2:5705595	SSF x LoA	-6,98489782	0,117	0,304
CHR2	571161	CHR2:571161	SSF x LoA	-8,62771423	-0,055	0,313
CHR2	571329	CHR2:571329	SSF x LoA	-3,93768421	-0,088	0,301
CHR2	571540	CHR2:571540	SSF x LoA	-9,49602782	-0,068	0,302
CHR2	5728333	CHR2:5728333	SSF x LoA	-8,65847514	-0,061	0,303
CHR2	5728391	CHR2:5728391	SSF x LoA	-9,36656786	0,031	0,304
CHR2	5732596	CHR2:5732596	SSF x LoA	-9,92324868	-0,023	0,308
CHR2	5732620	CHR2:5732620	SSF x LoA	-8,77106454	-0,009	0,302
CHR2	5732621	CHR2:5732621	SSF x LoA	-10,4660972	0,008	0,301
CHR2	5732632	CHR2:5732632	SSF x LoA	-9,13197724	-0,014	0,302

CHR2	5732941	CHR2:5732941	SSF x LoA	-9,53337256	-0,038	0,302
CHR2	5732953	CHR2:5732953	SSF x LoA	5,06393287	0,142	0,306
CHR2	5732959	CHR2:5732959	SSF x LoA	-9,24009454	-0,021	0,315
CHR2	5732967	CHR2:5732967	SSF x LoA	-7,22418334	-0,141	0,300
CHR2	5732985	CHR2:5732985	SSF x LoA	-10,5311254	0,138	0,290
CHR2	5732986	CHR2:5732986	SSF x LoA	-8,50677193	-0,141	0,302
CHR2	5748875	CHR2:5748875	SSF x LoA	-7,53328503	-0,164	0,284
CHR2	5748942	CHR2:5748942	SSF x LoA	-7,87002658	-0,194	0,275
CHR2	5756422	CHR2:5756422	SSF x LoA	-6,58004981	-0,103	0,284
CHR2	5756427	CHR2:5756427	SSF x LoA	-7,40450726	0,101	0,312
CHR2	5756442	CHR2:5756442	SSF x LoA	-8,04615638	-0,039	0,301
CHR2	5756451	CHR2:5756451	SSF x LoA	-8,09417055	0,090	0,311
CHR2	5756476	CHR2:5756476	SSF x LoA	-8,43279585	0,126	0,298
CHR2	5756525	CHR2:5756525	SSF x LoA	-4,41131819	-0,091	0,299
CHR2	5756539	CHR2:5756539	SSF x LoA	-5,87319737	-0,044	0,317
CHR2	5759747	CHR2:5759747	SSF x LoA	-8,79578342	-0,030	0,328
CHR2	5759829	CHR2:5759829	SSF x LoA	-9,83417944	-0,117	0,303
CHR2	5759831	CHR2:5759831	SSF x LoA	-7,87102286	0,200	0,308
CHR2	5765641	CHR2:5765641	SSF x LoA	-1,2817525	0,147	0,301
CHR2	5772714	CHR2:5772714	SSF x LoA	1,28501239	-0,198	0,284
CHR2	5773009	CHR2:5773009	SSF x LoA	-10,5941157	-0,036	0,302
CHR2	5779785	CHR2:5779785	SSF x LoA	-7,40088439	0,120	0,313
CHR2	5779814	CHR2:5779814	SSF x LoA	-12,1776191	-0,067	0,303
CHR2	5779875	CHR2:5779875	SSF x LoA	-10,3276022	0,058	0,309
CHR2	5779902	CHR2:5779902	SSF x LoA	-8,52282856	-0,024	0,310
CHR2	5779908	CHR2:5779908	SSF x LoA	-11,0534244	-0,031	0,311
CHR2	5779913	CHR2:5779913	SSF x LoA	-11,2197478	-0,007	0,298
CHR2	5779914	CHR2:5779914	SSF x LoA	-8,40151485	-0,078	0,288
CHR2	5779935	CHR2:5779935	SSF x LoA	-11,126585	0,088	0,308
CHR2	5784785	CHR2:5784785	SSF x LoA	-8,27652436	-0,100	0,323
CHR2	5784854	CHR2:5784854	SSF x LoA	-8,73110302	-0,128	0,303
CHR2	5784890	CHR2:5784890	SSF x LoA	-7,13577725	-0,003	0,315
CHR2	5786501	CHR2:5786501	SSF x LoA	-10,0097632	0,035	0,302
CHR2	5788975	CHR2:5788975	SSF x LoA	-4,34926752	-0,142	0,295
CHR2	5788993	CHR2:5788993	SSF x LoA	-7,45955914	0,189	0,292
CHR2	5788996	CHR2:5788996	SSF x LoA	-1,44103432	0,217	0,303
CHR2	5789018	CHR2:5789018	SSF x LoA	-11,4869435	0,073	0,310
CHR2	5789069	CHR2:5789069	SSF x LoA	-9,73777387	-0,028	0,310
CHR2	5789094	CHR2:5789094	SSF x LoA	-7,74118994	0,155	0,307
CHR2	5792179	CHR2:5792179	SSF x LoA	-5,92845817	0,051	0,312
CHR2	5792372	CHR2:5792372	SSF x LoA	-9,0767956	-0,181	0,311
CHR2	5792381	CHR2:5792381	SSF x LoA	-7,90244735	-0,012	0,292
CHR2	5795513	CHR2:5795513	SSF x LoA	-9,64968751	-0,003	0,314
CHR2	5795546	CHR2:5795546	SSF x LoA	-11,0582926	-0,036	0,304
CHR2	5796768	CHR2:5796768	SSF x LoA	-10,3319248	0,007	0,320
CHR2	5796918	CHR2:5796918	SSF x LoA	-9,04953599	-0,044	0,298
CHR2	5796988	CHR2:5796988	SSF x LoA	-10,3283224	0,013	0,316
CHR2	5796991	CHR2:5796991	SSF x LoA	-4,95784274	-0,048	0,305
CHR2	5797014	CHR2:5797014	SSF x LoA	-11,012147	0,027	0,306
CHR2	5805160	CHR2:5805160	SSF x LoA	-9,48945286	-0,044	0,299
CHR2	5809112	CHR2:5809112	SSF x LoA	-8,79148652	-0,052	0,308
CHR2	5809218	CHR2:5809218	SSF x LoA	-8,39762183	0,032	0,319
CHR2	5815425	CHR2:5815425	SSF x LoA	-9,04646858	-0,103	0,303

CHR2	5815446	CHR2:5815446	SSF x LoA	-11,9130272	-0,044	0,297
CHR2	5815473	CHR2:5815473	SSF x LoA	-10,4231005	-0,086	0,311
CHR2	5835264	CHR2:5835264	SSF x LoA	-10,8651499	-0,049	0,292
CHR2	5835314	CHR2:5835314	SSF x LoA	-8,54566821	-0,044	0,304
CHR2	5835317	CHR2:5835317	SSF x LoA	-8,64185042	-0,052	0,300
CHR2	5835322	CHR2:5835322	SSF x LoA	-9,01681874	0,107	0,315
CHR2	5835326	CHR2:5835326	SSF x LoA	-7,00477953	0,058	0,307
CHR2	5835335	CHR2:5835335	SSF x LoA	-7,37749032	0,051	0,293
CHR2	5835341	CHR2:5835341	SSF x LoA	-7,96932331	0,106	0,302
CHR2	5835371	CHR2:5835371	SSF x LoA	-1,39539339	-0,124	0,307
CHR2	5835386	CHR2:5835386	SSF x LoA	-11,4378304	0,012	0,295
CHR2	5835389	CHR2:5835389	SSF x LoA	-9,7513851	-0,020	0,296
CHR2	5835487	CHR2:5835487	SSF x LoA	-9,4867379	0,103	0,299
CHR2	5835495	CHR2:5835495	SSF x LoA	-9,47328328	0,036	0,319
CHR2	5835519	CHR2:5835519	SSF x LoA	-8,04895559	-0,115	0,301
CHR2	5846635	CHR2:5846635	SSF x LoA	-9,80355131	-0,094	0,303
CHR2	5850962	CHR2:5850962	SSF x LoA	-8,16756795	0,063	0,310
CHR2	5851020	CHR2:5851020	SSF x LoA	-9,68098737	0,020	0,289
CHR2	5851096	CHR2:5851096	SSF x LoA	-5,37967042	-0,068	0,316
CHR2	5852860	CHR2:5852860	SSF x LoA	-10,6554859	0,142	0,312
CHR2	5856773	CHR2:5856773	SSF x LoA	-10,002582	0,065	0,299
CHR2	5856781	CHR2:5856781	SSF x LoA	-10,0974401	-0,025	0,319
CHR2	5856799	CHR2:5856799	SSF x LoA	-9,90337168	-0,016	0,308
CHR2	5856823	CHR2:5856823	SSF x LoA	-10,1512395	-0,075	0,318
CHR2	5856834	CHR2:5856834	SSF x LoA	-0,57048659	-0,027	0,301
CHR2	5856873	CHR2:5856873	SSF x LoA	-7,11425431	0,078	0,309
CHR2	5857735	CHR2:5857735	SSF x LoA	-7,07635199	0,072	0,321
CHR2	5857755	CHR2:5857755	SSF x LoA	-7,9107464	0,114	0,308
CHR2	5857760	CHR2:5857760	SSF x LoA	-7,95363902	0,098	0,316
CHR2	587446	CHR2:587446	SSF x LoA	-10,7971456	-0,065	0,294
CHR2	587464	CHR2:587464	SSF x LoA	-10,8568872	-0,048	0,302
CHR2	5874716	CHR2:5874716	SSF x LoA	-9,05443314	0,015	0,306
CHR2	5874717	CHR2:5874717	SSF x LoA	-9,26017239	0,057	0,295
CHR2	5874732	CHR2:5874732	SSF x LoA	-8,53898335	0,010	0,307
CHR2	5874761	CHR2:5874761	SSF x LoA	-7,86318492	-0,106	0,306
CHR2	5874777	CHR2:5874777	SSF x LoA	-10,2698922	0,021	0,314
CHR2	5878916	CHR2:5878916	SSF x LoA	-9,98515736	-0,063	0,308
CHR2	5878999	CHR2:5878999	SSF x LoA	-11,0553705	0,004	0,320
CHR2	5879005	CHR2:5879005	SSF x LoA	-9,77115761	0,035	0,309
CHR2	5879019	CHR2:5879019	SSF x LoA	-9,66015833	0,042	0,305
CHR2	5887402	CHR2:5887402	SSF x LoA	-9,49202402	0,074	0,300
CHR2	5887425	CHR2:5887425	SSF x LoA	-10,7473203	0,019	0,288
CHR2	5887428	CHR2:5887428	SSF x LoA	-10,8901447	0,118	0,299
CHR2	5891373	CHR2:5891373	SSF x LoA	-11,2593188	0,100	0,309
CHR2	5891381	CHR2:5891381	SSF x LoA	-9,41365272	0,045	0,305
CHR2	5891435	CHR2:5891435	SSF x LoA	-9,12122417	-0,031	0,309
CHR2	5891450	CHR2:5891450	SSF x LoA	-10,130554	0,081	0,301
CHR2	5891451	CHR2:5891451	SSF x LoA	-9,32091777	0,085	0,294
CHR2	5897031	CHR2:5897031	SSF x LoA	-8,48266297	0,082	0,310
CHR2	5897063	CHR2:5897063	SSF x LoA	-9,15051731	-0,015	0,315
CHR2	5899440	CHR2:5899440	SSF x LoA	-9,78795075	0,038	0,309
CHR2	5904139	CHR2:5904139	SSF x LoA	4,00407739	-0,056	0,307
CHR2	5904169	CHR2:5904169	SSF x LoA	-10,3456242	0,106	0,306

CHR2	5904190	CHR2:5904190	SSF x LoA	-8,61525535	0,031	0,304
CHR2	5904265	CHR2:5904265	SSF x LoA	-10,0015355	-0,015	0,308
CHR2	5904360	CHR2:5904360	SSF x LoA	-5,67420366	-0,157	0,290
CHR2	5904361	CHR2:5904361	SSF x LoA	-7,19302888	-0,112	0,302
CHR2	5924723	CHR2:5924723	SSF x LoA	-10,1406695	-0,010	0,306
CHR2	5924748	CHR2:5924748	SSF x LoA	-4,519785	0,129	0,294
CHR2	5933719	CHR2:5933719	SSF x LoA	-8,02035538	0,083	0,297
CHR2	5933723	CHR2:5933723	SSF x LoA	-9,05908655	0,109	0,302
CHR2	5933813	CHR2:5933813	SSF x LoA	-9,21176722	0,043	0,312
CHR2	5951693	CHR2:5951693	SSF x LoA	-10,4158816	0,100	0,321
CHR2	5951711	CHR2:5951711	SSF x LoA	-10,6869022	0,042	0,318
CHR2	5951775	CHR2:5951775	SSF x LoA	-9,22128131	-0,003	0,318
CHR2	5951789	CHR2:5951789	SSF x LoA	-8,75851324	-0,031	0,299
CHR2	5951827	CHR2:5951827	SSF x LoA	-8,27388375	-0,009	0,310
CHR2	5951839	CHR2:5951839	SSF x LoA	-6,46878261	0,036	0,308
CHR2	5951909	CHR2:5951909	SSF x LoA	-8,94490386	0,101	0,314
CHR2	5951920	CHR2:5951920	SSF x LoA	-8,01517787	0,042	0,306
CHR2	5953430	CHR2:5953430	SSF x LoA	-9,5627665	-0,015	0,305
CHR2	5953442	CHR2:5953442	SSF x LoA	-7,43512973	0,068	0,299
CHR2	5958014	CHR2:5958014	SSF x LoA	-8,57015802	-0,047	0,304
CHR2	5958033	CHR2:5958033	SSF x LoA	-9,0587894	-0,089	0,298
CHR2	5961299	CHR2:5961299	SSF x LoA	-7,16434602	0,112	0,301
CHR2	5961309	CHR2:5961309	SSF x LoA	-4,73072384	0,177	0,290
CHR2	5961313	CHR2:5961313	SSF x LoA	-9,47519367	0,046	0,312
CHR2	5961334	CHR2:5961334	SSF x LoA	-3,54557853	0,164	0,301
CHR2	5961350	CHR2:5961350	SSF x LoA	-8,67678669	0,076	0,308
CHR2	5961409	CHR2:5961409	SSF x LoA	-10,4043815	-0,056	0,309
CHR2	5961449	CHR2:5961449	SSF x LoA	-8,03454033	-0,118	0,302
CHR2	5961458	CHR2:5961458	SSF x LoA	-9,98422822	-0,015	0,323
CHR2	5961459	CHR2:5961459	SSF x LoA	-8,83654953	-0,077	0,306
CHR2	5961489	CHR2:5961489	SSF x LoA	-8,98704559	0,122	0,308
CHR2	5961533	CHR2:5961533	SSF x LoA	-11,3773798	-0,048	0,306
CHR2	5961539	CHR2:5961539	SSF x LoA	-10,8761319	0,047	0,311
CHR2	5963431	CHR2:5963431	SSF x LoA	-8,88169393	0,120	0,300
CHR2	5963444	CHR2:5963444	SSF x LoA	-7,79977607	0,167	0,309
CHR2	5963491	CHR2:5963491	SSF x LoA	-9,04717001	0,133	0,305
CHR2	5963510	CHR2:5963510	SSF x LoA	-10,3933752	-0,058	0,300
CHR2	5963532	CHR2:5963532	SSF x LoA	-0,29511907	-0,025	0,315
CHR2	5963536	CHR2:5963536	SSF x LoA	-8,47323536	0,020	0,319
CHR2	5963584	CHR2:5963584	SSF x LoA	-9,70934964	-0,029	0,311
CHR2	596863	CHR2:596863	SSF x LoA	-9,31075047	0,024	0,311
CHR2	596923	CHR2:596923	SSF x LoA	-11,2708235	0,070	0,291
CHR2	597055	CHR2:597055	SSF x LoA	-9,41814724	0,028	0,305
CHR2	5974555	CHR2:5974555	SSF x LoA	-11,4138161	0,083	0,299
CHR2	5974589	CHR2:5974589	SSF x LoA	-7,56035524	0,162	0,298
CHR2	5974599	CHR2:5974599	SSF x LoA	-11,7334653	0,081	0,304
CHR2	5974619	CHR2:5974619	SSF x LoA	-8,32388231	-0,082	0,310
CHR2	5974667	CHR2:5974667	SSF x LoA	-8,53433125	0,054	0,301
CHR2	5974702	CHR2:5974702	SSF x LoA	-8,2003315	0,038	0,301
CHR2	5974727	CHR2:5974727	SSF x LoA	-10,4303106	0,064	0,311
CHR2	5974733	CHR2:5974733	SSF x LoA	-11,5965433	0,063	0,316
CHR2	5974742	CHR2:5974742	SSF x LoA	-10,388013	0,050	0,301
CHR2	5974782	CHR2:5974782	SSF x LoA	-11,412032	0,042	0,306

CHR2	5980695	CHR2:5980695	SSF x LoA	-9,08596325	0,057	0,306
CHR2	5995003	CHR2:5995003	SSF x LoA	-7,76285884	0,082	0,294
CHR2	5995013	CHR2:5995013	SSF x LoA	-7,7554958	0,095	0,318
CHR2	5995021	CHR2:5995021	SSF x LoA	-8,29289182	0,079	0,314
CHR2	5995034	CHR2:5995034	SSF x LoA	-9,03076811	0,058	0,304
CHR2	5995047	CHR2:5995047	SSF x LoA	-8,90520253	0,077	0,308
CHR2	5996842	CHR2:5996842	SSF x LoA	1,18081882	0,007	0,318
CHR2	5996922	CHR2:5996922	SSF x LoA	-10,0662339	-0,011	0,308
CHR2	6005325	CHR2:6005325	SSF x LoA	-8,41415396	-0,069	0,302
CHR2	6005361	CHR2:6005361	SSF x LoA	-7,48319586	-0,045	0,316
CHR2	6005401	CHR2:6005401	SSF x LoA	-9,26822482	0,032	0,309
CHR2	6018624	CHR2:6018624	SSF x LoA	-10,2064685	0,108	0,298
CHR2	6018686	CHR2:6018686	SSF x LoA	-9,48358113	0,024	0,307
CHR2	6018721	CHR2:6018721	SSF x LoA	-5,00124732	-0,217	0,275
CHR2	6022734	CHR2:6022734	SSF x LoA	-6,33175726	-0,010	0,302
CHR2	6022747	CHR2:6022747	SSF x LoA	-10,3923498	-0,012	0,306
CHR2	6022860	CHR2:6022860	SSF x LoA	-11,0478496	0,066	0,306
CHR2	6022989	CHR2:6022989	SSF x LoA	-11,0894348	0,023	0,291
CHR2	6026736	CHR2:6026736	SSF x LoA	-5,67828162	-0,114	0,312
CHR2	6026784	CHR2:6026784	SSF x LoA	-10,2640063	-0,019	0,308
CHR2	6026852	CHR2:6026852	SSF x LoA	-9,40668003	0,063	0,315
CHR2	6028883	CHR2:6028883	SSF x LoA	-9,60074943	-0,079	0,295
CHR2	6030821	CHR2:6030821	SSF x LoA	-9,92565562	-0,001	0,312
CHR2	6030835	CHR2:6030835	SSF x LoA	-9,11883617	0,089	0,302
CHR2	6030845	CHR2:6030845	SSF x LoA	-8,83242707	0,087	0,305
CHR2	6030871	CHR2:6030871	SSF x LoA	-7,12132355	0,015	0,307
CHR2	6030967	CHR2:6030967	SSF x LoA	-9,0671063	0,036	0,301
CHR2	6033870	CHR2:6033870	SSF x LoA	-6,89380488	0,110	0,313
CHR2	6034582	CHR2:6034582	SSF x LoA	-9,2118492	-0,101	0,300
CHR2	6050578	CHR2:6050578	SSF x LoA	-6,87834252	-0,114	0,288
CHR2	6050592	CHR2:6050592	SSF x LoA	-10,5681473	-0,017	0,309
CHR2	6050672	CHR2:6050672	SSF x LoA	-7,59954852	0,132	0,304
CHR2	6060966	CHR2:6060966	SSF x LoA	-4,46922955	0,080	0,312
CHR2	6061072	CHR2:6061072	SSF x LoA	-10,9192711	0,092	0,297
CHR2	6061096	CHR2:6061096	SSF x LoA	-9,61404038	-0,049	0,298
CHR2	6061226	CHR2:6061226	SSF x LoA	-8,20832538	-0,187	0,297
CHR2	6062943	CHR2:6062943	SSF x LoA	-11,6027199	0,087	0,298
CHR2	6062953	CHR2:6062953	SSF x LoA	-7,56579929	0,040	0,314
CHR2	6062969	CHR2:6062969	SSF x LoA	-10,7759633	0,096	0,298
CHR2	6063038	CHR2:6063038	SSF x LoA	-9,3020125	0,050	0,296
CHR2	6063054	CHR2:6063054	SSF x LoA	-7,27062034	0,051	0,317
CHR2	6063073	CHR2:6063073	SSF x LoA	-5,92211179	-0,208	0,305
CHR2	6063122	CHR2:6063122	SSF x LoA	-5,35610678	-0,182	0,307
CHR2	6063172	CHR2:6063172	SSF x LoA	-10,2091356	0,061	0,306
CHR2	6069875	CHR2:6069875	SSF x LoA	-6,40411284	-0,041	0,304
CHR2	6073158	CHR2:6073158	SSF x LoA	-6,4005856	-0,014	0,303
CHR2	6073160	CHR2:6073160	SSF x LoA	-8,96823095	-0,025	0,292
CHR2	6078471	CHR2:6078471	SSF x LoA	-8,38288721	-0,159	0,287
CHR2	6078551	CHR2:6078551	SSF x LoA	-9,17026339	-0,008	0,290
CHR2	6097202	CHR2:6097202	SSF x LoA	-8,03592082	0,155	0,314
CHR2	6097213	CHR2:6097213	SSF x LoA	-9,93229808	-0,067	0,308
CHR2	6097247	CHR2:6097247	SSF x LoA	-11,1277906	-0,099	0,301
CHR2	6097257	CHR2:6097257	SSF x LoA	-8,44015949	-0,072	0,301

CHR2	6097356	CHR2:6097356	SSF x LoA	-9,17292495	0,020	0,295
CHR2	6097372	CHR2:6097372	SSF x LoA	-2,93178976	-0,081	0,305
CHR2	6097374	CHR2:6097374	SSF x LoA	-9,96525033	-0,088	0,296
CHR2	6112460	CHR2:6112460	SSF x LoA	-8,9604116	-0,002	0,298
CHR2	6118112	CHR2:6118112	SSF x LoA	-11,1889247	0,049	0,303
CHR2	6118126	CHR2:6118126	SSF x LoA	-9,28926293	-0,095	0,309
CHR2	6118127	CHR2:6118127	SSF x LoA	-10,1635391	-0,042	0,302
CHR2	6118220	CHR2:6118220	SSF x LoA	-8,52474802	-0,186	0,289
CHR2	6118259	CHR2:6118259	SSF x LoA	-6,0568711	-0,162	0,296
CHR2	6118263	CHR2:6118263	SSF x LoA	-10,046651	0,035	0,320
CHR2	6118340	CHR2:6118340	SSF x LoA	-8,00577195	0,057	0,319
CHR2	6133483	CHR2:6133483	SSF x LoA	-8,72334483	-0,062	0,293
CHR2	6140669	CHR2:6140669	SSF x LoA	-8,07709389	-0,011	0,334
CHR2	6141651	CHR2:6141651	SSF x LoA	-10,9328224	0,020	0,317
CHR2	6141666	CHR2:6141666	SSF x LoA	-9,02231804	0,040	0,315
CHR2	6141783	CHR2:6141783	SSF x LoA	-7,83900869	-0,132	0,305
CHR2	6158990	CHR2:6158990	SSF x LoA	-10,7350855	-0,058	0,307
CHR2	6165665	CHR2:6165665	SSF x LoA	-9,85936115	-0,167	0,301
CHR2	6165748	CHR2:6165748	SSF x LoA	-8,90253934	0,126	0,307
CHR2	6173178	CHR2:6173178	SSF x LoA	-7,11908411	0,019	0,301
CHR2	6178081	CHR2:6178081	SSF x LoA	-6,91044913	0,200	0,294
CHR2	6178102	CHR2:6178102	SSF x LoA	-7,08454947	0,138	0,294
CHR2	6178123	CHR2:6178123	SSF x LoA	-10,1559376	-0,064	0,299
CHR2	6178124	CHR2:6178124	SSF x LoA	-9,41284621	0,084	0,303
CHR2	6178142	CHR2:6178142	SSF x LoA	-10,3183328	-0,004	0,308
CHR2	6178186	CHR2:6178186	SSF x LoA	-8,94931882	0,076	0,307
CHR2	6178189	CHR2:6178189	SSF x LoA	-9,87363993	0,080	0,310
CHR2	6184023	CHR2:6184023	SSF x LoA	-5,52769464	-0,117	0,301
CHR2	6199393	CHR2:6199393	SSF x LoA	-8,53958139	-0,036	0,288
CHR2	6199489	CHR2:6199489	SSF x LoA	-9,81144422	-0,133	0,301
CHR2	6199694	CHR2:6199694	SSF x LoA	-9,91896861	-0,104	0,299
CHR2	620196	CHR2:620196	SSF x LoA	-8,696653	0,049	0,314
CHR2	620197	CHR2:620197	SSF x LoA	-9,73116279	-0,051	0,312
CHR2	620299	CHR2:620299	SSF x LoA	-6,70933841	-0,036	0,305
CHR2	6213329	CHR2:6213329	SSF x LoA	-9,77694938	0,059	0,319
CHR2	6213343	CHR2:6213343	SSF x LoA	-2,10849954	0,170	0,309
CHR2	6213429	CHR2:6213429	SSF x LoA	-8,04338426	0,045	0,323
CHR2	6213430	CHR2:6213430	SSF x LoA	-8,53575761	0,041	0,319
CHR2	6213447	CHR2:6213447	SSF x LoA	-4,80916846	-0,219	0,299
CHR2	6213501	CHR2:6213501	SSF x LoA	-10,2668733	-0,012	0,308
CHR2	6234840	CHR2:6234840	SSF x LoA	-10,8698678	0,056	0,309
CHR2	6234873	CHR2:6234873	SSF x LoA	-8,63343714	0,023	0,309
CHR2	6234900	CHR2:6234900	SSF x LoA	-8,41902095	0,029	0,308
CHR2	6234917	CHR2:6234917	SSF x LoA	-7,35971453	0,139	0,299
CHR2	6237833	CHR2:6237833	SSF x LoA	-8,36569803	0,112	0,305
CHR2	6237834	CHR2:6237834	SSF x LoA	-7,29994241	0,137	0,304
CHR2	6237850	CHR2:6237850	SSF x LoA	-11,8875296	-0,008	0,302
CHR2	6237864	CHR2:6237864	SSF x LoA	-10,2503787	0,095	0,298
CHR2	6245529	CHR2:6245529	SSF x LoA	-7,32715561	0,146	0,299
CHR2	6249228	CHR2:6249228	SSF x LoA	-10,25638	0,016	0,310
CHR2	6249233	CHR2:6249233	SSF x LoA	-8,65757567	-0,025	0,307
CHR2	6249677	CHR2:6249677	SSF x LoA	-8,75507419	0,097	0,307
CHR2	6249700	CHR2:6249700	SSF x LoA	-8,6143973	0,140	0,298

CHR2	6249752	CHR2:6249752	SSF x LoA	-10,9720746	-0,026	0,310
CHR2	6251759	CHR2:6251759	SSF x LoA	-10,593532	-0,051	0,304
CHR2	6254002	CHR2:6254002	SSF x LoA	-9,75032111	-0,024	0,303
CHR2	6258466	CHR2:6258466	SSF x LoA	-10,8520931	0,021	0,312
CHR2	6258537	CHR2:6258537	SSF x LoA	-9,09665823	0,007	0,314
CHR2	6258628	CHR2:6258628	SSF x LoA	-8,59726503	0,109	0,304
CHR2	6258670	CHR2:6258670	SSF x LoA	-11,2768438	0,090	0,311
CHR2	6262354	CHR2:6262354	SSF x LoA	-10,3598061	-0,068	0,302
CHR2	6262385	CHR2:6262385	SSF x LoA	-6,0397028	-0,092	0,308
CHR2	6262475	CHR2:6262475	SSF x LoA	-8,99118847	0,044	0,310
CHR2	6262483	CHR2:6262483	SSF x LoA	-10,9978617	0,001	0,301
CHR2	6266623	CHR2:6266623	SSF x LoA	-10,1732077	0,008	0,309
CHR2	6266673	CHR2:6266673	SSF x LoA	-10,6263673	-0,022	0,298
CHR2	6267221	CHR2:6267221	SSF x LoA	-9,59872153	0,157	0,297
CHR2	6271296	CHR2:6271296	SSF x LoA	-10,1286726	-0,015	0,301
CHR2	6271325	CHR2:6271325	SSF x LoA	-11,6365428	-0,040	0,291
CHR2	6271364	CHR2:6271364	SSF x LoA	-10,828441	0,061	0,316
CHR2	6271366	CHR2:6271366	SSF x LoA	-10,8455968	0,071	0,312
CHR2	6271375	CHR2:6271375	SSF x LoA	-8,54861516	0,093	0,305
CHR2	6271381	CHR2:6271381	SSF x LoA	-9,0276403	0,018	0,314
CHR2	6271395	CHR2:6271395	SSF x LoA	-10,1945904	0,023	0,314
CHR2	6271406	CHR2:6271406	SSF x LoA	-9,18307369	0,043	0,314
CHR2	6271466	CHR2:6271466	SSF x LoA	-11,5513094	-0,048	0,292
CHR2	6271470	CHR2:6271470	SSF x LoA	-11,1698315	0,014	0,310
CHR2	6273791	CHR2:6273791	SSF x LoA	-6,29633001	0,151	0,289
CHR2	6273815	CHR2:6273815	SSF x LoA	-8,16939457	-0,078	0,317
CHR2	6273821	CHR2:6273821	SSF x LoA	-9,29250837	0,041	0,309
CHR2	6273830	CHR2:6273830	SSF x LoA	-9,27452185	-0,068	0,318
CHR2	6273879	CHR2:6273879	SSF x LoA	-9,56192675	-0,060	0,313
CHR2	6273906	CHR2:6273906	SSF x LoA	-5,08579834	-0,059	0,304
CHR2	6276012	CHR2:6276012	SSF x LoA	-4,72009594	-0,120	0,277
CHR2	6276078	CHR2:6276078	SSF x LoA	-6,17908573	0,060	0,306
CHR2	6276398	CHR2:6276398	SSF x LoA	-11,5819387	0,005	0,303
CHR2	6276439	CHR2:6276439	SSF x LoA	-8,59910176	-0,034	0,303
CHR2	6299242	CHR2:6299242	SSF x LoA	-11,1309229	0,003	0,307
CHR2	6300473	CHR2:6300473	SSF x LoA	-9,56024424	0,089	0,304
CHR2	6300474	CHR2:6300474	SSF x LoA	-8,18563215	0,092	0,317
CHR2	6307046	CHR2:6307046	SSF x LoA	-8,84905141	0,035	0,298
CHR2	6307069	CHR2:6307069	SSF x LoA	-8,36504123	-0,058	0,310
CHR2	6307143	CHR2:6307143	SSF x LoA	-8,69090925	-0,087	0,292
CHR2	6307192	CHR2:6307192	SSF x LoA	-10,430532	0,027	0,303
CHR2	6307359	CHR2:6307359	SSF x LoA	-8,94673932	-0,030	0,322
CHR2	6313717	CHR2:6313717	SSF x LoA	-10,6534651	0,073	0,307
CHR2	6313763	CHR2:6313763	SSF x LoA	-10,803169	0,033	0,314
CHR2	6313776	CHR2:6313776	SSF x LoA	-8,86670589	-0,031	0,302
CHR2	6313963	CHR2:6313963	SSF x LoA	-9,00221278	0,025	0,307
CHR2	6313971	CHR2:6313971	SSF x LoA	-10,63894	0,004	0,311
CHR2	6317979	CHR2:6317979	SSF x LoA	-9,6246397	0,039	0,311
CHR2	6318007	CHR2:6318007	SSF x LoA	-8,21850159	0,071	0,315
CHR2	6318014	CHR2:6318014	SSF x LoA	-8,89129601	-0,058	0,314
CHR2	6318032	CHR2:6318032	SSF x LoA	-8,88578184	0,068	0,311
CHR2	6318059	CHR2:6318059	SSF x LoA	-9,38858964	-0,004	0,312
CHR2	6318061	CHR2:6318061	SSF x LoA	-8,3669517	-0,009	0,320

CHR2	6326142	CHR2:6326142	SSF x LoA	-9,6864903	-0,030	0,307
CHR2	6326224	CHR2:6326224	SSF x LoA	-7,59994421	0,098	0,301
CHR2	6327307	CHR2:6327307	SSF x LoA	-8,88169506	-0,115	0,312
CHR2	6331059	CHR2:6331059	SSF x LoA	-9,57505946	-0,059	0,299
CHR2	6333086	CHR2:6333086	SSF x LoA	-8,81846934	-0,077	0,294
CHR2	6333171	CHR2:6333171	SSF x LoA	-9,50435376	-0,150	0,309
CHR2	6338565	CHR2:6338565	SSF x LoA	-6,89129905	-0,145	0,316
CHR2	6338637	CHR2:6338637	SSF x LoA	-11,3063127	0,076	0,315
CHR2	6338639	CHR2:6338639	SSF x LoA	-8,93901811	0,019	0,301
CHR2	6338886	CHR2:6338886	SSF x LoA	-11,3080134	-0,073	0,309
CHR2	6343910	CHR2:6343910	SSF x LoA	-8,90940369	0,079	0,310
CHR2	6343932	CHR2:6343932	SSF x LoA	-11,2787558	0,072	0,306
CHR2	6343968	CHR2:6343968	SSF x LoA	-9,7759197	-0,061	0,311
CHR2	6343978	CHR2:6343978	SSF x LoA	-11,7706097	-0,017	0,306
CHR2	6360235	CHR2:6360235	SSF x LoA	-8,51131039	0,053	0,310
CHR2	6360331	CHR2:6360331	SSF x LoA	-10,8224234	-0,052	0,309
CHR2	6377885	CHR2:6377885	SSF x LoA	-5,57795506	-0,117	0,313
CHR2	638347	CHR2:638347	SSF x LoA	-10,9994101	-0,070	0,301
CHR2	638351	CHR2:638351	SSF x LoA	-8,90866545	-0,029	0,320
CHR2	638352	CHR2:638352	SSF x LoA	-8,65175401	-0,007	0,327
CHR2	6390223	CHR2:6390223	SSF x LoA	-9,79660158	0,026	0,298
CHR2	6390260	CHR2:6390260	SSF x LoA	-9,73690281	0,061	0,320
CHR2	6412549	CHR2:6412549	SSF x LoA	-8,91540197	-0,079	0,313
CHR2	6412610	CHR2:6412610	SSF x LoA	-7,95071893	0,034	0,313
CHR2	6412712	CHR2:6412712	SSF x LoA	-9,25001686	-0,011	0,319
CHR2	6414549	CHR2:6414549	SSF x LoA	-8,72817407	-0,024	0,306
CHR2	6414615	CHR2:6414615	SSF x LoA	-6,48107495	-0,016	0,312
CHR2	6414641	CHR2:6414641	SSF x LoA	-10,8441948	0,062	0,309
CHR2	642292	CHR2:642292	SSF x LoA	-10,753071	0,034	0,312
CHR2	643236	CHR2:643236	SSF x LoA	-8,70921182	0,100	0,307
CHR2	6441348	CHR2:6441348	SSF x LoA	-11,2976277	-0,004	0,310
CHR2	6441361	CHR2:6441361	SSF x LoA	-9,03196856	0,090	0,310
CHR2	6441366	CHR2:6441366	SSF x LoA	-10,2611318	0,031	0,310
CHR2	6441369	CHR2:6441369	SSF x LoA	-8,71524407	-0,107	0,300
CHR2	6441376	CHR2:6441376	SSF x LoA	-10,6596445	0,083	0,318
CHR2	6441410	CHR2:6441410	SSF x LoA	-8,25319887	0,060	0,290
CHR2	6441477	CHR2:6441477	SSF x LoA	-11,5575207	-0,042	0,304
CHR2	6441523	CHR2:6441523	SSF x LoA	-11,0945733	-0,009	0,286
CHR2	6441534	CHR2:6441534	SSF x LoA	-10,8695855	-0,059	0,302
CHR2	6446100	CHR2:6446100	SSF x LoA	-12,1867824	0,018	0,279
CHR2	6451665	CHR2:6451665	SSF x LoA	-8,34910546	-0,089	0,310
CHR2	6451759	CHR2:6451759	SSF x LoA	-10,8755229	0,027	0,311
CHR2	6451831	CHR2:6451831	SSF x LoA	-3,93501373	-0,167	0,303
CHR2	6454608	CHR2:6454608	SSF x LoA	-6,42177395	-0,035	0,303
CHR2	6467142	CHR2:6467142	SSF x LoA	-7,8883351	0,097	0,309
CHR2	6467905	CHR2:6467905	SSF x LoA	-7,39676299	-0,048	0,317
CHR2	6467972	CHR2:6467972	SSF x LoA	-8,81060697	-0,016	0,306
CHR2	6469574	CHR2:6469574	SSF x LoA	-7,6686429	0,107	0,311
CHR2	6469583	CHR2:6469583	SSF x LoA	-5,06945476	0,129	0,299
CHR2	6469586	CHR2:6469586	SSF x LoA	-7,38076687	0,092	0,317
CHR2	6469664	CHR2:6469664	SSF x LoA	-9,82416852	0,067	0,326
CHR2	6471958	CHR2:6471958	SSF x LoA	-9,98913813	-0,036	0,321
CHR2	6472001	CHR2:6472001	SSF x LoA	-10,9235871	-0,043	0,300

CHR2	6472053	CHR2:6472053	SSF x LoA	-7,79742008	0,122	0,307
CHR2	6472061	CHR2:6472061	SSF x LoA	-8,13803056	0,069	0,316
CHR2	6472071	CHR2:6472071	SSF x LoA	-8,93910779	0,075	0,316
CHR2	6472083	CHR2:6472083	SSF x LoA	-9,05094977	-0,041	0,316
CHR2	6485900	CHR2:6485900	SSF x LoA	-9,44649627	0,081	0,311
CHR2	6485979	CHR2:6485979	SSF x LoA	-2,62194077	0,032	0,312
CHR2	6486090	CHR2:6486090	SSF x LoA	-10,6858806	-0,030	0,304
CHR2	6490146	CHR2:6490146	SSF x LoA	-9,97685997	-0,091	0,291
CHR2	650746	CHR2:650746	SSF x LoA	-10,013002	0,035	0,322
CHR2	650760	CHR2:650760	SSF x LoA	-7,35917642	0,130	0,297
CHR2	650776	CHR2:650776	SSF x LoA	-9,63845777	0,035	0,303
CHR2	6517249	CHR2:6517249	SSF x LoA	-10,9268309	0,077	0,306
CHR2	6517935	CHR2:6517935	SSF x LoA	-8,44047167	-0,086	0,308
CHR2	6521256	CHR2:6521256	SSF x LoA	-8,17491599	0,112	0,297
CHR2	6530038	CHR2:6530038	SSF x LoA	-10,0700493	-0,121	0,312
CHR2	6531504	CHR2:6531504	SSF x LoA	-8,44914356	-0,047	0,301
CHR2	6536804	CHR2:6536804	SSF x LoA	-10,841963	-0,017	0,298
CHR2	6536819	CHR2:6536819	SSF x LoA	-8,51449363	-0,011	0,302
CHR2	6536838	CHR2:6536838	SSF x LoA	-11,1792989	-0,004	0,297
CHR2	6536874	CHR2:6536874	SSF x LoA	-10,9037497	0,035	0,298
CHR2	6536880	CHR2:6536880	SSF x LoA	0,722249	-0,112	0,303
CHR2	6539450	CHR2:6539450	SSF x LoA	-3,34979632	-0,031	0,313
CHR2	6545232	CHR2:6545232	SSF x LoA	-11,5471674	-0,013	0,284
CHR2	6545238	CHR2:6545238	SSF x LoA	-11,8554205	-0,011	0,286
CHR2	6562635	CHR2:6562635	SSF x LoA	-9,20122287	0,004	0,285
CHR2	6562718	CHR2:6562718	SSF x LoA	-9,21971621	-0,160	0,313
CHR2	6562772	CHR2:6562772	SSF x LoA	-10,8567748	-0,054	0,316
CHR2	6562820	CHR2:6562820	SSF x LoA	-4,92145727	-0,174	0,287
CHR2	6565011	CHR2:6565011	SSF x LoA	-9,26343452	-0,011	0,319
CHR2	6569235	CHR2:6569235	SSF x LoA	-8,60769367	0,031	0,310
CHR2	6573845	CHR2:6573845	SSF x LoA	-9,31029992	0,080	0,306
CHR2	6573901	CHR2:6573901	SSF x LoA	-6,76381624	0,195	0,297
CHR2	6574067	CHR2:6574067	SSF x LoA	-10,7464022	-0,044	0,297
CHR2	6580917	CHR2:6580917	SSF x LoA	0,31264966	0,176	0,302
CHR2	6582829	CHR2:6582829	SSF x LoA	-8,99939844	0,143	0,309
CHR2	6588002	CHR2:6588002	SSF x LoA	-10,4665008	0,017	0,314
CHR2	6588080	CHR2:6588080	SSF x LoA	-8,72283743	-0,037	0,310
CHR2	6588236	CHR2:6588236	SSF x LoA	-9,7525529	-0,055	0,299
CHR2	6593864	CHR2:6593864	SSF x LoA	-4,74923239	0,080	0,318
CHR2	6593894	CHR2:6593894	SSF x LoA	-10,7023198	-0,019	0,291
CHR2	6593951	CHR2:6593951	SSF x LoA	-8,41767213	-0,001	0,314
CHR2	6593956	CHR2:6593956	SSF x LoA	-10,4779654	-0,001	0,305
CHR2	6593957	CHR2:6593957	SSF x LoA	-10,5575867	-0,014	0,299
CHR2	6594081	CHR2:6594081	SSF x LoA	-10,7072644	0,097	0,313
CHR2	6594091	CHR2:6594091	SSF x LoA	-11,6606633	0,029	0,292
CHR2	6594093	CHR2:6594093	SSF x LoA	-10,1708366	-0,015	0,322
CHR2	6594100	CHR2:6594100	SSF x LoA	-8,10621836	-0,016	0,309
CHR2	6594105	CHR2:6594105	SSF x LoA	-9,26553842	-0,006	0,313
CHR2	6594126	CHR2:6594126	SSF x LoA	-9,47733458	0,078	0,312
CHR2	659811	CHR2:659811	SSF x LoA	-11,8281003	-0,067	0,301
CHR2	6609179	CHR2:6609179	SSF x LoA	-8,78108999	0,002	0,305
CHR2	6609293	CHR2:6609293	SSF x LoA	-6,8064632	-0,113	0,305
CHR2	6609301	CHR2:6609301	SSF x LoA	-7,51263457	-0,178	0,297

CHR2	6612880	CHR2:6612880	SSF x LoA	-6,94522555	0,137	0,306
CHR2	6612906	CHR2:6612906	SSF x LoA	-9,10453538	-0,082	0,307
CHR2	6612914	CHR2:6612914	SSF x LoA	-9,66917477	-0,060	0,309
CHR2	6612934	CHR2:6612934	SSF x LoA	-6,29372811	-0,045	0,316
CHR2	6615978	CHR2:6615978	SSF x LoA	-10,4641023	-0,113	0,312
CHR2	6615991	CHR2:6615991	SSF x LoA	-4,66569062	-0,196	0,303
CHR2	6615997	CHR2:6615997	SSF x LoA	-5,85097015	0,129	0,293
CHR2	6627061	CHR2:6627061	SSF x LoA	-9,48037266	-0,093	0,312
CHR2	6630351	CHR2:6630351	SSF x LoA	-10,3492854	0,147	0,307
CHR2	6630360	CHR2:6630360	SSF x LoA	-8,91927704	0,092	0,296
CHR2	6630377	CHR2:6630377	SSF x LoA	-8,92453633	0,000	0,307
CHR2	6630394	CHR2:6630394	SSF x LoA	-11,0119113	-0,069	0,295
CHR2	6630428	CHR2:6630428	SSF x LoA	-3,30100171	0,129	0,304
CHR2	6630433	CHR2:6630433	SSF x LoA	-9,50152745	0,040	0,306
CHR2	6630439	CHR2:6630439	SSF x LoA	-9,56284347	-0,008	0,308
CHR2	6630441	CHR2:6630441	SSF x LoA	-6,97867592	-0,115	0,297
CHR2	6630461	CHR2:6630461	SSF x LoA	-8,64619871	-0,056	0,305
CHR2	6633530	CHR2:6633530	SSF x LoA	-9,32204765	-0,021	0,308
CHR2	6633567	CHR2:6633567	SSF x LoA	-6,02191744	0,108	0,303
CHR2	6633604	CHR2:6633604	SSF x LoA	-9,46643681	0,038	0,300
CHR2	6633646	CHR2:6633646	SSF x LoA	-10,2779418	-0,011	0,304
CHR2	6638507	CHR2:6638507	SSF x LoA	-8,42628188	0,064	0,313
CHR2	6638551	CHR2:6638551	SSF x LoA	-7,05537196	0,151	0,296
CHR2	6638564	CHR2:6638564	SSF x LoA	-9,14436366	-0,081	0,292
CHR2	6638571	CHR2:6638571	SSF x LoA	-9,59038359	0,146	0,307
CHR2	6639774	CHR2:6639774	SSF x LoA	-10,083294	-0,014	0,311
CHR2	6639931	CHR2:6639931	SSF x LoA	-11,1708702	0,022	0,306
CHR2	6639934	CHR2:6639934	SSF x LoA	-11,8229359	0,040	0,301
CHR2	6640025	CHR2:6640025	SSF x LoA	-3,87283929	0,023	0,321
CHR2	6641426	CHR2:6641426	SSF x LoA	-10,1183623	0,037	0,297
CHR2	6641485	CHR2:6641485	SSF x LoA	-8,46868078	0,063	0,286
CHR2	6649334	CHR2:6649334	SSF x LoA	-12,4187961	-0,035	0,296
CHR2	6649555	CHR2:6649555	SSF x LoA	-8,44944509	-0,078	0,293
CHR2	6656352	CHR2:6656352	SSF x LoA	-10,9425781	-0,088	0,319
CHR2	6656398	CHR2:6656398	SSF x LoA	-12,2345286	0,000	0,311
CHR2	6656422	CHR2:6656422	SSF x LoA	-8,21858348	-0,074	0,295
CHR2	6656478	CHR2:6656478	SSF x LoA	-10,7520285	0,026	0,318
CHR2	6656479	CHR2:6656479	SSF x LoA	-10,4302606	-0,034	0,300
CHR2	6656576	CHR2:6656576	SSF x LoA	-9,31409678	-0,073	0,308
CHR2	6656587	CHR2:6656587	SSF x LoA	-7,94177349	-0,086	0,312
CHR2	6658615	CHR2:6658615	SSF x LoA	-11,9781916	0,000	0,308
CHR2	6658647	CHR2:6658647	SSF x LoA	-7,26353827	-0,049	0,303
CHR2	6658698	CHR2:6658698	SSF x LoA	-8,72068709	-0,151	0,296
CHR2	6658838	CHR2:6658838	SSF x LoA	-9,7285522	0,018	0,290
CHR2	6658859	CHR2:6658859	SSF x LoA	-10,6735418	-0,072	0,287
CHR2	6685150	CHR2:6685150	SSF x LoA	-7,53163345	-0,065	0,316
CHR2	6685151	CHR2:6685151	SSF x LoA	-8,12529731	-0,082	0,312
CHR2	6685212	CHR2:6685212	SSF x LoA	-8,84152279	0,054	0,312
CHR2	6687425	CHR2:6687425	SSF x LoA	-10,0210647	-0,016	0,308
CHR2	6687580	CHR2:6687580	SSF x LoA	-9,1690312	0,054	0,309
CHR2	6687607	CHR2:6687607	SSF x LoA	-8,78284533	0,131	0,301
CHR2	6689548	CHR2:6689548	SSF x LoA	-4,96647385	0,156	0,301
CHR2	6729805	CHR2:6729805	SSF x LoA	-10,238228	0,122	0,308

CHR2	6729898	CHR2:6729898	SSF x LoA	-6,03258362	-0,174	0,289
CHR2	6729967	CHR2:6729967	SSF x LoA	-8,58992784	-0,105	0,300
CHR2	6730055	CHR2:6730055	SSF x LoA	-7,1818053	-0,058	0,310
CHR2	6739395	CHR2:6739395	SSF x LoA	-8,19151686	-0,159	0,315
CHR2	6739404	CHR2:6739404	SSF x LoA	-9,77211204	-0,129	0,296
CHR2	6739433	CHR2:6739433	SSF x LoA	-8,80511325	0,091	0,309
CHR2	6739586	CHR2:6739586	SSF x LoA	-9,42851668	-0,030	0,309
CHR2	6739590	CHR2:6739590	SSF x LoA	-8,98424598	-0,032	0,303
CHR2	6743782	CHR2:6743782	SSF x LoA	-7,79158999	0,032	0,311
CHR2	6751108	CHR2:6751108	SSF x LoA	-8,23222065	0,005	0,314
CHR2	6751132	CHR2:6751132	SSF x LoA	-10,1051327	-0,009	0,298
CHR2	6751278	CHR2:6751278	SSF x LoA	-10,8450588	0,008	0,291
CHR2	6757265	CHR2:6757265	SSF x LoA	-8,19022585	0,149	0,295
CHR2	6757268	CHR2:6757268	SSF x LoA	-5,61365579	0,148	0,302
CHR2	6758051	CHR2:6758051	SSF x LoA	-7,9436853	-0,060	0,309
CHR2	6758160	CHR2:6758160	SSF x LoA	-9,47749312	-0,110	0,291
CHR2	6767579	CHR2:6767579	SSF x LoA	-10,6806039	-0,009	0,290
CHR2	6767606	CHR2:6767606	SSF x LoA	-8,83017474	0,099	0,309
CHR2	6767622	CHR2:6767622	SSF x LoA	-8,33333157	0,128	0,304
CHR2	6767627	CHR2:6767627	SSF x LoA	-6,07221826	-0,081	0,322
CHR2	6767628	CHR2:6767628	SSF x LoA	-9,81652421	-0,073	0,308
CHR2	6769916	CHR2:6769916	SSF x LoA	-10,0275652	0,046	0,293
CHR2	6777288	CHR2:6777288	SSF x LoA	-6,41305127	-0,222	0,292
CHR2	6777359	CHR2:6777359	SSF x LoA	-1,35553724	0,271	0,278
CHR2	6777375	CHR2:6777375	SSF x LoA	-11,2070438	-0,071	0,303
CHR2	6777379	CHR2:6777379	SSF x LoA	-6,66484253	-0,166	0,295
CHR2	6777396	CHR2:6777396	SSF x LoA	-9,09811807	-0,058	0,312
CHR2	6780137	CHR2:6780137	SSF x LoA	-9,2235204	0,010	0,315
CHR2	6780282	CHR2:6780282	SSF x LoA	-6,66535299	-0,073	0,311
CHR2	6784486	CHR2:6784486	SSF x LoA	-7,73359233	0,041	0,306
CHR2	6784590	CHR2:6784590	SSF x LoA	-10,4643172	0,009	0,314
CHR2	6784684	CHR2:6784684	SSF x LoA	-11,1535316	-0,032	0,305
CHR2	6787898	CHR2:6787898	SSF x LoA	-9,15726493	0,030	0,300
CHR2	6787965	CHR2:6787965	SSF x LoA	-10,7466272	0,053	0,308
CHR2	6787986	CHR2:6787986	SSF x LoA	-8,81790152	0,119	0,291
CHR2	6794168	CHR2:6794168	SSF x LoA	-11,3110831	-0,044	0,303
CHR2	6794250	CHR2:6794250	SSF x LoA	-5,93019008	-0,155	0,314
CHR2	6794308	CHR2:6794308	SSF x LoA	-8,71249791	0,009	0,297
CHR2	6794375	CHR2:6794375	SSF x LoA	-9,31705887	0,047	0,312
CHR2	6795767	CHR2:6795767	SSF x LoA	-9,00828029	0,078	0,300
CHR2	6795773	CHR2:6795773	SSF x LoA	-5,61511117	-0,037	0,304
CHR2	6795796	CHR2:6795796	SSF x LoA	-9,11019122	-0,015	0,300
CHR2	6795804	CHR2:6795804	SSF x LoA	-7,46365788	0,012	0,315
CHR2	6795910	CHR2:6795910	SSF x LoA	-11,5281932	-0,070	0,294
CHR2	6795931	CHR2:6795931	SSF x LoA	-10,1880465	0,067	0,317
CHR2	6801587	CHR2:6801587	SSF x LoA	-10,0033412	0,080	0,303
CHR2	6801601	CHR2:6801601	SSF x LoA	-10,6799588	0,098	0,291
CHR2	6801605	CHR2:6801605	SSF x LoA	-11,1739647	0,030	0,297
CHR2	6808907	CHR2:6808907	SSF x LoA	-12,8565012	0,003	0,299
CHR2	6808936	CHR2:6808936	SSF x LoA	-8,79566709	-0,074	0,314
CHR2	6808991	CHR2:6808991	SSF x LoA	-10,3896678	0,036	0,318
CHR2	6809043	CHR2:6809043	SSF x LoA	-10,5028682	-0,003	0,316
CHR2	681095	CHR2:681095	SSF x LoA	-9,91641674	0,015	0,308

CHR2	6811036	CHR2:6811036	SSF x LoA	-9,32067709	0,134	0,306
CHR2	6811154	CHR2:6811154	SSF x LoA	-9,82842157	0,053	0,318
CHR2	6822313	CHR2:6822313	SSF x LoA	-7,16512331	0,096	0,304
CHR2	6822355	CHR2:6822355	SSF x LoA	-10,1129781	-0,017	0,311
CHR2	6822359	CHR2:6822359	SSF x LoA	-7,26373511	0,026	0,294
CHR2	6822362	CHR2:6822362	SSF x LoA	-8,29997353	0,018	0,304
CHR2	6822408	CHR2:6822408	SSF x LoA	-9,87179716	-0,047	0,305
CHR2	6822417	CHR2:6822417	SSF x LoA	-11,4661571	0,002	0,314
CHR2	6822482	CHR2:6822482	SSF x LoA	-10,3711598	0,105	0,314
CHR2	6825330	CHR2:6825330	SSF x LoA	-7,60718258	-0,071	0,294
CHR2	6825354	CHR2:6825354	SSF x LoA	-9,0382179	0,062	0,298
CHR2	6825493	CHR2:6825493	SSF x LoA	-8,38043259	0,081	0,310
CHR2	6825521	CHR2:6825521	SSF x LoA	-7,44094361	-0,129	0,317
CHR2	6825533	CHR2:6825533	SSF x LoA	-9,61402744	-0,109	0,306
CHR2	6830658	CHR2:6830658	SSF x LoA	-11,1244539	-0,081	0,303
CHR2	6830740	CHR2:6830740	SSF x LoA	-10,5512539	0,058	0,306
CHR2	6830836	CHR2:6830836	SSF x LoA	-11,4833785	0,088	0,308
CHR2	6836055	CHR2:6836055	SSF x LoA	-3,6045645	0,095	0,314
CHR2	6836094	CHR2:6836094	SSF x LoA	-9,22105744	0,026	0,316
CHR2	6836152	CHR2:6836152	SSF x LoA	-7,97317857	0,110	0,298
CHR2	6836221	CHR2:6836221	SSF x LoA	-9,23838842	0,145	0,300
CHR2	6840621	CHR2:6840621	SSF x LoA	-7,77079265	0,111	0,311
CHR2	6842570	CHR2:6842570	SSF x LoA	-10,1005242	-0,029	0,300
CHR2	6842587	CHR2:6842587	SSF x LoA	-8,24412863	0,109	0,310
CHR2	6857306	CHR2:6857306	SSF x LoA	-9,26629101	0,042	0,300
CHR2	6875141	CHR2:6875141	SSF x LoA	-9,62648236	-0,006	0,308
CHR2	6875388	CHR2:6875388	SSF x LoA	-7,98649898	-0,156	0,304
CHR2	6875417	CHR2:6875417	SSF x LoA	1,70424593	0,012	0,305
CHR2	6875480	CHR2:6875480	SSF x LoA	-9,54068607	0,068	0,305
CHR2	6883484	CHR2:6883484	SSF x LoA	-9,13518005	0,020	0,314
CHR2	6883577	CHR2:6883577	SSF x LoA	-10,5385364	0,146	0,288
CHR2	688850	CHR2:688850	SSF x LoA	-10,4435021	0,128	0,312
CHR2	688854	CHR2:688854	SSF x LoA	-8,07390785	-0,018	0,309
CHR2	688893	CHR2:688893	SSF x LoA	-8,1727682	-0,044	0,312
CHR2	688921	CHR2:688921	SSF x LoA	-9,51950425	-0,025	0,293
CHR2	6916609	CHR2:6916609	SSF x LoA	-9,77456609	0,068	0,302
CHR2	6916724	CHR2:6916724	SSF x LoA	-11,4886161	0,016	0,314
CHR2	6916726	CHR2:6916726	SSF x LoA	-2,77129041	-0,150	0,306
CHR2	6918864	CHR2:6918864	SSF x LoA	-9,43879043	0,005	0,313
CHR2	6918882	CHR2:6918882	SSF x LoA	-2,7040156	0,186	0,305
CHR2	6918944	CHR2:6918944	SSF x LoA	-8,05861421	0,177	0,305
CHR2	6923262	CHR2:6923262	SSF x LoA	-7,56893468	0,172	0,308
CHR2	6925548	CHR2:6925548	SSF x LoA	-10,9026534	-0,058	0,320
CHR2	6925585	CHR2:6925585	SSF x LoA	-10,2112319	-0,132	0,287
CHR2	6925594	CHR2:6925594	SSF x LoA	-8,96626012	-0,135	0,314
CHR2	6941721	CHR2:6941721	SSF x LoA	-7,92909418	-0,071	0,310
CHR2	6947064	CHR2:6947064	SSF x LoA	-10,0825482	0,063	0,289
CHR2	6947147	CHR2:6947147	SSF x LoA	-7,71082368	-0,049	0,311
CHR2	6949421	CHR2:6949421	SSF x LoA	-6,6780344	-0,031	0,309
CHR2	6949462	CHR2:6949462	SSF x LoA	-8,52153598	-0,008	0,306
CHR2	6949540	CHR2:6949540	SSF x LoA	-9,41305393	-0,051	0,298
CHR2	6949575	CHR2:6949575	SSF x LoA	-9,97946474	-0,012	0,308
CHR2	6949582	CHR2:6949582	SSF x LoA	-9,00424115	0,102	0,308

CHR2	6949604	CHR2:6949604	SSF x LoA	-9,40256568	0,085	0,307
CHR2	6949626	CHR2:6949626	SSF x LoA	-9,8493829	-0,044	0,300
CHR2	6964258	CHR2:6964258	SSF x LoA	-7,05987585	0,116	0,314
CHR2	6969197	CHR2:6969197	SSF x LoA	-9,22681054	-0,125	0,297
CHR2	6969210	CHR2:6969210	SSF x LoA	-9,04015338	0,098	0,296
CHR2	6969222	CHR2:6969222	SSF x LoA	-8,72259469	-0,029	0,316
CHR2	6969239	CHR2:6969239	SSF x LoA	-12,0291708	-0,059	0,300
CHR2	6969337	CHR2:6969337	SSF x LoA	-8,35302755	0,016	0,322
CHR2	6974955	CHR2:6974955	SSF x LoA	-9,10574486	0,044	0,302
CHR2	6975040	CHR2:6975040	SSF x LoA	-8,19187083	0,017	0,312
CHR2	6975080	CHR2:6975080	SSF x LoA	-8,46547313	-0,008	0,305
CHR2	6975157	CHR2:6975157	SSF x LoA	-10,9436225	0,032	0,300
CHR2	6989867	CHR2:6989867	SSF x LoA	-9,55331164	-0,080	0,300
CHR2	7000466	CHR2:7000466	SSF x LoA	-8,13920635	-0,062	0,297
CHR2	7000473	CHR2:7000473	SSF x LoA	-4,95357987	0,069	0,286
CHR2	7000474	CHR2:7000474	SSF x LoA	-11,0711671	0,069	0,291
CHR2	7000578	CHR2:7000578	SSF x LoA	-8,30010337	-0,084	0,313
CHR2	7003052	CHR2:7003052	SSF x LoA	-8,12440512	-0,131	0,292
CHR2	7004515	CHR2:7004515	SSF x LoA	-7,21814679	0,060	0,308
CHR2	7004576	CHR2:7004576	SSF x LoA	-8,68250234	0,071	0,301
CHR2	7004581	CHR2:7004581	SSF x LoA	-9,42086908	0,042	0,317
CHR2	7004643	CHR2:7004643	SSF x LoA	-10,9704008	0,005	0,319
CHR2	7004703	CHR2:7004703	SSF x LoA	-10,7020854	-0,014	0,294
CHR2	7015854	CHR2:7015854	SSF x LoA	-10,5870733	-0,036	0,310
CHR2	7015882	CHR2:7015882	SSF x LoA	-5,09322618	0,004	0,296
CHR2	7015884	CHR2:7015884	SSF x LoA	-10,6711366	-0,025	0,310
CHR2	7015963	CHR2:7015963	SSF x LoA	-10,681703	0,059	0,319
CHR2	7015970	CHR2:7015970	SSF x LoA	-8,20725744	-0,092	0,312
CHR2	7016034	CHR2:7016034	SSF x LoA	-8,41642033	0,042	0,298
CHR2	7016056	CHR2:7016056	SSF x LoA	-5,4543756	0,115	0,304
CHR2	7016104	CHR2:7016104	SSF x LoA	-10,3813699	0,015	0,314
CHR2	7018401	CHR2:7018401	SSF x LoA	-8,52631929	0,072	0,306
CHR2	7018478	CHR2:7018478	SSF x LoA	-3,71346938	-0,171	0,308
CHR2	7018502	CHR2:7018502	SSF x LoA	-8,12809987	-0,093	0,314
CHR2	7023913	CHR2:7023913	SSF x LoA	-12,0887838	-0,038	0,298
CHR2	7026952	CHR2:7026952	SSF x LoA	-10,0942437	-0,073	0,301
CHR2	7027000	CHR2:7027000	SSF x LoA	-8,11731413	0,082	0,300
CHR2	7033406	CHR2:7033406	SSF x LoA	-9,8006536	-0,052	0,312
CHR2	7033453	CHR2:7033453	SSF x LoA	-8,94488213	-0,020	0,305
CHR2	7033552	CHR2:7033552	SSF x LoA	-9,21176383	0,132	0,314
CHR2	7038178	CHR2:7038178	SSF x LoA	-9,86965781	0,050	0,288
CHR2	7053751	CHR2:7053751	SSF x LoA	-11,2663568	0,015	0,317
CHR2	7053904	CHR2:7053904	SSF x LoA	-7,53810489	-0,162	0,310
CHR2	7053913	CHR2:7053913	SSF x LoA	-4,47602781	-0,166	0,305
CHR2	7054071	CHR2:7054071	SSF x LoA	-9,76260765	-0,109	0,302
CHR2	7054129	CHR2:7054129	SSF x LoA	-8,11255672	0,069	0,309
CHR2	7054230	CHR2:7054230	SSF x LoA	-7,92868921	0,083	0,321
CHR2	7059533	CHR2:7059533	SSF x LoA	-12,0759534	0,043	0,300
CHR2	7059620	CHR2:7059620	SSF x LoA	-2,02841609	0,237	0,290
CHR2	7059657	CHR2:7059657	SSF x LoA	-6,82851302	-0,142	0,318
CHR2	7059749	CHR2:7059749	SSF x LoA	-2,49423487	-0,168	0,321
CHR2	7072009	CHR2:7072009	SSF x LoA	-11,145778	0,073	0,312
CHR2	7072010	CHR2:7072010	SSF x LoA	-10,044164	0,082	0,291

CHR2	7072030	CHR2:7072030	SSF x LoA	-7,98314383	0,103	0,300
CHR2	7072166	CHR2:7072166	SSF x LoA	-7,68167799	0,087	0,311
CHR2	7072464	CHR2:7072464	SSF x LoA	-7,26517233	0,058	0,301
CHR2	7072481	CHR2:7072481	SSF x LoA	-8,45246942	-0,059	0,310
CHR2	7072498	CHR2:7072498	SSF x LoA	-8,84877153	-0,038	0,309
CHR2	7072504	CHR2:7072504	SSF x LoA	-10,0592585	0,071	0,300
CHR2	7072519	CHR2:7072519	SSF x LoA	-0,21924704	-0,131	0,312
CHR2	7072560	CHR2:7072560	SSF x LoA	-10,5741158	0,058	0,299
CHR2	7072582	CHR2:7072582	SSF x LoA	-9,06276852	-0,178	0,297
CHR2	7076908	CHR2:7076908	SSF x LoA	-9,27117636	-0,036	0,289
CHR2	7076917	CHR2:7076917	SSF x LoA	-8,25830698	0,028	0,297
CHR2	7076943	CHR2:7076943	SSF x LoA	-9,42794198	0,115	0,295
CHR2	7076966	CHR2:7076966	SSF x LoA	-9,00343862	0,118	0,304
CHR2	7076969	CHR2:7076969	SSF x LoA	-9,30498186	0,021	0,323
CHR2	7076973	CHR2:7076973	SSF x LoA	-9,99516937	0,083	0,300
CHR2	7076978	CHR2:7076978	SSF x LoA	-1,02008326	0,072	0,314
CHR2	7077069	CHR2:7077069	SSF x LoA	-5,62400499	-0,093	0,300
CHR2	7077079	CHR2:7077079	SSF x LoA	-10,9950388	0,021	0,302
CHR2	7077087	CHR2:7077087	SSF x LoA	-2,80752801	0,063	0,299
CHR2	7077092	CHR2:7077092	SSF x LoA	-10,3702481	0,033	0,315
CHR2	7077094	CHR2:7077094	SSF x LoA	-9,03952401	0,083	0,303
CHR2	7077108	CHR2:7077108	SSF x LoA	0,3683571	-0,095	0,296
CHR2	7077119	CHR2:7077119	SSF x LoA	-7,98949256	0,068	0,310
CHR2	7077157	CHR2:7077157	SSF x LoA	-11,3293452	0,035	0,311
CHR2	7080580	CHR2:7080580	SSF x LoA	-9,04512912	0,118	0,302
CHR2	7080738	CHR2:7080738	SSF x LoA	-11,1379605	0,021	0,304
CHR2	7080761	CHR2:7080761	SSF x LoA	-10,7925491	0,054	0,314
CHR2	708842	CHR2:708842	SSF x LoA	-11,9483349	0,024	0,296
CHR2	708852	CHR2:708852	SSF x LoA	-10,5731522	0,077	0,308
CHR2	708938	CHR2:708938	SSF x LoA	-9,30882158	0,069	0,288
CHR2	708957	CHR2:708957	SSF x LoA	-8,94999821	0,002	0,314
CHR2	7095450	CHR2:7095450	SSF x LoA	-12,0309678	-0,009	0,310
CHR2	7095471	CHR2:7095471	SSF x LoA	-1,61180695	0,085	0,320
CHR2	7095683	CHR2:7095683	SSF x LoA	-8,13467823	0,081	0,311
CHR2	7095695	CHR2:7095695	SSF x LoA	-7,24835572	0,110	0,318
CHR2	7095705	CHR2:7095705	SSF x LoA	-8,53249144	-0,042	0,312
CHR2	711687	CHR2:711687	SSF x LoA	-3,34166678	0,060	0,312
CHR2	7128635	CHR2:7128635	SSF x LoA	-7,98702929	-0,032	0,310
CHR2	7128760	CHR2:7128760	SSF x LoA	-8,73492677	0,008	0,314
CHR2	7134779	CHR2:7134779	SSF x LoA	-5,82608887	-0,195	0,299
CHR2	7134880	CHR2:7134880	SSF x LoA	-7,76204504	-0,126	0,302
CHR2	7134929	CHR2:7134929	SSF x LoA	-9,46736698	0,083	0,299
CHR2	7134932	CHR2:7134932	SSF x LoA	-4,81037301	-0,121	0,316
CHR2	7142298	CHR2:7142298	SSF x LoA	-10,1555472	0,039	0,301
CHR2	7142397	CHR2:7142397	SSF x LoA	-9,68756062	0,007	0,322
CHR2	7142427	CHR2:7142427	SSF x LoA	-11,1514722	0,053	0,308
CHR2	7142442	CHR2:7142442	SSF x LoA	-7,94775372	0,091	0,315
CHR2	7142443	CHR2:7142443	SSF x LoA	-10,1747364	-0,047	0,310
CHR2	7144281	CHR2:7144281	SSF x LoA	3,1958954	0,025	0,307
CHR2	7144305	CHR2:7144305	SSF x LoA	-9,60642493	-0,009	0,311
CHR2	7144318	CHR2:7144318	SSF x LoA	-8,46922142	0,020	0,314
CHR2	7144326	CHR2:7144326	SSF x LoA	-7,71797702	-0,048	0,299
CHR2	7149110	CHR2:7149110	SSF x LoA	-8,78172022	-0,012	0,306

CHR2	7149126	CHR2:7149126	SSF x LoA	-9,37628797	-0,074	0,300
CHR2	7149186	CHR2:7149186	SSF x LoA	-10,3830355	-0,068	0,305
CHR2	7149200	CHR2:7149200	SSF x LoA	-11,8006126	-0,014	0,316
CHR2	715512	CHR2:715512	SSF x LoA	-11,4745825	-0,008	0,312
CHR2	715535	CHR2:715535	SSF x LoA	-3,23402377	-0,141	0,288
CHR2	715540	CHR2:715540	SSF x LoA	-8,34478894	-0,134	0,297
CHR2	7155504	CHR2:7155504	SSF x LoA	-8,6111796	0,055	0,313
CHR2	715566	CHR2:715566	SSF x LoA	-11,0289959	0,029	0,306
CHR2	7155800	CHR2:7155800	SSF x LoA	-11,1623169	0,007	0,313
CHR2	715605	CHR2:715605	SSF x LoA	-9,09768226	-0,005	0,316
CHR2	715721	CHR2:715721	SSF x LoA	-7,39990519	-0,137	0,310
CHR2	7157504	CHR2:7157504	SSF x LoA	-9,9122894	0,071	0,293
CHR2	7164763	CHR2:7164763	SSF x LoA	-9,2941589	-0,015	0,322
CHR2	7165927	CHR2:7165927	SSF x LoA	-6,68164495	-0,180	0,297
CHR2	7165978	CHR2:7165978	SSF x LoA	-11,5316325	-0,041	0,301
CHR2	7166023	CHR2:7166023	SSF x LoA	-7,28079426	-0,033	0,313
CHR2	7166024	CHR2:7166024	SSF x LoA	-7,22570171	-0,011	0,309
CHR2	7166059	CHR2:7166059	SSF x LoA	-8,97600709	-0,162	0,287
CHR2	7166080	CHR2:7166080	SSF x LoA	-6,38414652	0,154	0,304
CHR2	7166092	CHR2:7166092	SSF x LoA	-8,90455763	-0,033	0,296
CHR2	7166139	CHR2:7166139	SSF x LoA	-2,74023526	-0,109	0,297
CHR2	7169055	CHR2:7169055	SSF x LoA	-11,0849265	-0,021	0,325
CHR2	7169131	CHR2:7169131	SSF x LoA	-6,97873973	0,003	0,319
CHR2	7169135	CHR2:7169135	SSF x LoA	-8,52250946	-0,028	0,308
CHR2	7171294	CHR2:7171294	SSF x LoA	-4,92946286	0,099	0,302
CHR2	7171337	CHR2:7171337	SSF x LoA	-9,4643715	-0,040	0,308
CHR2	7171921	CHR2:7171921	SSF x LoA	-11,9128482	-0,059	0,300
CHR2	7178578	CHR2:7178578	SSF x LoA	-9,272484	0,043	0,318
CHR2	7178605	CHR2:7178605	SSF x LoA	-9,59796045	-0,035	0,300
CHR2	7178617	CHR2:7178617	SSF x LoA	-7,08462929	0,177	0,289
CHR2	7178705	CHR2:7178705	SSF x LoA	-10,8315436	-0,018	0,315
CHR2	7178759	CHR2:7178759	SSF x LoA	-8,86874488	-0,040	0,307
CHR2	7178761	CHR2:7178761	SSF x LoA	-8,64296635	0,112	0,311
CHR2	7178763	CHR2:7178763	SSF x LoA	-10,8751074	0,053	0,304
CHR2	719850	CHR2:719850	SSF x LoA	-8,53530768	0,047	0,311
CHR2	7205832	CHR2:7205832	SSF x LoA	-2,76643923	0,142	0,300
CHR2	7207610	CHR2:7207610	SSF x LoA	-9,07974809	0,034	0,290
CHR2	7207624	CHR2:7207624	SSF x LoA	-8,81825501	-0,028	0,313
CHR2	7207671	CHR2:7207671	SSF x LoA	-9,67556734	0,011	0,301
CHR2	7207700	CHR2:7207700	SSF x LoA	-9,57287825	0,123	0,310
CHR2	7211444	CHR2:7211444	SSF x LoA	-10,6233043	0,019	0,304
CHR2	7211614	CHR2:7211614	SSF x LoA	-7,73495841	0,200	0,313
CHR2	7216798	CHR2:7216798	SSF x LoA	-9,78781791	0,013	0,322
CHR2	7216826	CHR2:7216826	SSF x LoA	-9,8080139	-0,084	0,302
CHR2	7216961	CHR2:7216961	SSF x LoA	-9,29631421	0,023	0,312
CHR2	7216975	CHR2:7216975	SSF x LoA	-8,69977883	-0,007	0,305
CHR2	7216991	CHR2:7216991	SSF x LoA	-9,60454334	0,039	0,313
CHR2	7217062	CHR2:7217062	SSF x LoA	-9,93409749	0,060	0,291
CHR2	7219758	CHR2:7219758	SSF x LoA	-9,49250204	-0,136	0,306
CHR2	7219932	CHR2:7219932	SSF x LoA	-10,6510781	0,103	0,288
CHR2	7219959	CHR2:7219959	SSF x LoA	-11,7038684	-0,047	0,293
CHR2	7219963	CHR2:7219963	SSF x LoA	-9,14101217	0,058	0,304
CHR2	7225498	CHR2:7225498	SSF x LoA	-8,21262347	0,090	0,298

CHR2	7225503	CHR2:7225503	SSF x LoA	-9,80066162	0,001	0,296
CHR2	7225543	CHR2:7225543	SSF x LoA	-10,074756	-0,110	0,310
CHR2	7225618	CHR2:7225618	SSF x LoA	-6,31262736	-0,092	0,302
CHR2	7225767	CHR2:7225767	SSF x LoA	-9,66654867	-0,069	0,310
CHR2	7225770	CHR2:7225770	SSF x LoA	-9,0039965	-0,038	0,301
CHR2	7225799	CHR2:7225799	SSF x LoA	-11,3459447	-0,042	0,306
CHR2	7225804	CHR2:7225804	SSF x LoA	-7,01971684	-0,089	0,306
CHR2	7234860	CHR2:7234860	SSF x LoA	-7,63125158	0,115	0,306
CHR2	7235962	CHR2:7235962	SSF x LoA	-11,4364678	0,039	0,314
CHR2	7235981	CHR2:7235981	SSF x LoA	-11,4853	0,003	0,304
CHR2	7236167	CHR2:7236167	SSF x LoA	2,59411674	-0,132	0,294
CHR2	7236182	CHR2:7236182	SSF x LoA	-11,3861129	0,076	0,309
CHR2	7236200	CHR2:7236200	SSF x LoA	-7,78464524	-0,046	0,294
CHR2	7236202	CHR2:7236202	SSF x LoA	-8,8068923	-0,019	0,303
CHR2	7236206	CHR2:7236206	SSF x LoA	-8,03927547	-0,039	0,309
CHR2	7246850	CHR2:7246850	SSF x LoA	-10,9587092	0,031	0,304
CHR2	7246936	CHR2:7246936	SSF x LoA	-8,0955554	-0,036	0,313
CHR2	7248149	CHR2:7248149	SSF x LoA	-5,82809341	0,136	0,315
CHR2	7248270	CHR2:7248270	SSF x LoA	-11,4216734	0,012	0,310
CHR2	7248322	CHR2:7248322	SSF x LoA	-5,50008978	-0,055	0,302
CHR2	7257941	CHR2:7257941	SSF x LoA	-11,5951968	0,031	0,293
CHR2	7257990	CHR2:7257990	SSF x LoA	-11,3589026	0,047	0,304
CHR2	7258008	CHR2:7258008	SSF x LoA	-9,62632694	0,088	0,306
CHR2	7265860	CHR2:7265860	SSF x LoA	-9,51093649	0,004	0,300
CHR2	7265872	CHR2:7265872	SSF x LoA	-2,46775439	0,097	0,303
CHR2	7266571	CHR2:7266571	SSF x LoA	-10,5173184	-0,003	0,297
CHR2	7266829	CHR2:7266829	SSF x LoA	-9,98331195	0,059	0,303
CHR2	7277226	CHR2:7277226	SSF x LoA	-9,14792256	0,012	0,308
CHR2	7277380	CHR2:7277380	SSF x LoA	-12,4402885	0,001	0,302
CHR2	729376	CHR2:729376	SSF x LoA	-9,15440291	0,059	0,307
CHR2	729482	CHR2:729482	SSF x LoA	-7,04776668	-0,151	0,307
CHR2	729502	CHR2:729502	SSF x LoA	-10,2409915	-0,004	0,290
CHR2	729543	CHR2:729543	SSF x LoA	-7,56191096	-0,136	0,291
CHR2	729622	CHR2:729622	SSF x LoA	-10,7461381	-0,076	0,311
CHR2	7299606	CHR2:7299606	SSF x LoA	-11,6801655	-0,016	0,290
CHR2	7302750	CHR2:7302750	SSF x LoA	-10,5184306	0,070	0,318
CHR2	7302769	CHR2:7302769	SSF x LoA	-8,96379724	-0,036	0,309
CHR2	7302776	CHR2:7302776	SSF x LoA	-9,24157351	-0,025	0,307
CHR2	7302820	CHR2:7302820	SSF x LoA	-9,47363904	-0,107	0,299
CHR2	7302898	CHR2:7302898	SSF x LoA	-9,11594931	-0,048	0,313
CHR2	7308980	CHR2:7308980	SSF x LoA	-8,19483514	0,028	0,325
CHR2	7309130	CHR2:7309130	SSF x LoA	-8,9212692	-0,027	0,306
CHR2	7314129	CHR2:7314129	SSF x LoA	-10,1989131	0,036	0,301
CHR2	7314142	CHR2:7314142	SSF x LoA	-7,17229947	-0,043	0,314
CHR2	7314166	CHR2:7314166	SSF x LoA	-10,9183281	0,042	0,294
CHR2	7314373	CHR2:7314373	SSF x LoA	-9,56255339	0,005	0,304
CHR2	7322748	CHR2:7322748	SSF x LoA	-4,96417167	-0,038	0,318
CHR2	7328083	CHR2:7328083	SSF x LoA	-8,16034527	0,022	0,312
CHR2	7328130	CHR2:7328130	SSF x LoA	-9,1773077	0,010	0,304
CHR2	7328203	CHR2:7328203	SSF x LoA	-11,0911485	0,053	0,292
CHR2	7329131	CHR2:7329131	SSF x LoA	-7,96997145	-0,065	0,304
CHR2	7329238	CHR2:7329238	SSF x LoA	-7,43423488	0,165	0,289
CHR2	7347039	CHR2:7347039	SSF x LoA	-8,09299257	-0,032	0,314

CHR2	7347066	CHR2:7347066	SSF x LoA	-11,6489722	0,095	0,290
CHR2	7347074	CHR2:7347074	SSF x LoA	-9,68604403	0,082	0,309
CHR2	7347092	CHR2:7347092	SSF x LoA	-6,24843468	-0,176	0,296
CHR2	7347095	CHR2:7347095	SSF x LoA	-8,96329457	-0,126	0,293
CHR2	7350996	CHR2:7350996	SSF x LoA	-9,40070324	0,037	0,311
CHR2	7353126	CHR2:7353126	SSF x LoA	-10,6748716	-0,008	0,304
CHR2	7353134	CHR2:7353134	SSF x LoA	-10,2790976	0,026	0,315
CHR2	7356375	CHR2:7356375	SSF x LoA	-7,71719476	0,035	0,313
CHR2	7362799	CHR2:7362799	SSF x LoA	-10,5004596	0,072	0,299
CHR2	7364807	CHR2:7364807	SSF x LoA	1,3803407	-0,027	0,292
CHR2	7364826	CHR2:7364826	SSF x LoA	-10,2135362	0,076	0,308
CHR2	7364840	CHR2:7364840	SSF x LoA	-10,8353423	-0,013	0,332
CHR2	7364966	CHR2:7364966	SSF x LoA	-8,90795787	0,078	0,297
CHR2	7365073	CHR2:7365073	SSF x LoA	-8,07143342	0,119	0,316
CHR2	7370015	CHR2:7370015	SSF x LoA	-9,71649119	-0,050	0,320
CHR2	7376094	CHR2:7376094	SSF x LoA	-10,0615897	0,002	0,291
CHR2	7392266	CHR2:7392266	SSF x LoA	-7,42533258	0,150	0,307
CHR2	7392316	CHR2:7392316	SSF x LoA	-11,3775247	0,062	0,306
CHR2	7392407	CHR2:7392407	SSF x LoA	-2,77481483	0,042	0,303
CHR2	7400456	CHR2:7400456	SSF x LoA	11,0190055	-0,204	0,264
CHR2	7400471	CHR2:7400471	SSF x LoA	-7,87185984	0,097	0,312
CHR2	7400508	CHR2:7400508	SSF x LoA	-9,6570783	-0,065	0,319
CHR2	7400541	CHR2:7400541	SSF x LoA	-9,33051653	0,030	0,310
CHR2	7402425	CHR2:7402425	SSF x LoA	-7,4592568	0,080	0,319
CHR2	7402471	CHR2:7402471	SSF x LoA	-9,32151067	0,014	0,297
CHR2	7402981	CHR2:7402981	SSF x LoA	-9,47607224	-0,099	0,292
CHR2	7403046	CHR2:7403046	SSF x LoA	-10,9386081	-0,058	0,297
CHR2	7408721	CHR2:7408721	SSF x LoA	-8,9120991	-0,003	0,294
CHR2	7408746	CHR2:7408746	SSF x LoA	-10,158874	0,045	0,313
CHR2	7419845	CHR2:7419845	SSF x LoA	-10,9446717	-0,010	0,305
CHR2	7420021	CHR2:7420021	SSF x LoA	-10,9266393	0,052	0,317
CHR2	7420036	CHR2:7420036	SSF x LoA	-9,04696201	-0,099	0,311
CHR2	7420046	CHR2:7420046	SSF x LoA	-7,91707352	-0,091	0,308
CHR2	7420085	CHR2:7420085	SSF x LoA	-8,13960015	0,097	0,303
CHR2	742208	CHR2:742208	SSF x LoA	-8,63110221	-0,017	0,310
CHR2	742258	CHR2:742258	SSF x LoA	-10,7063499	-0,074	0,306
CHR2	7427503	CHR2:7427503	SSF x LoA	-8,06021611	0,073	0,303
CHR2	7427839	CHR2:7427839	SSF x LoA	-9,3810012	0,001	0,313
CHR2	7427899	CHR2:7427899	SSF x LoA	-10,3168433	-0,026	0,309
CHR2	7435599	CHR2:7435599	SSF x LoA	-6,60013308	-0,174	0,295
CHR2	7435605	CHR2:7435605	SSF x LoA	-9,82277095	-0,068	0,310
CHR2	7436377	CHR2:7436377	SSF x LoA	-9,97184417	0,057	0,309
CHR2	7453070	CHR2:7453070	SSF x LoA	-9,17039703	0,022	0,303
CHR2	7462552	CHR2:7462552	SSF x LoA	-10,9755498	0,021	0,322
CHR2	7462553	CHR2:7462553	SSF x LoA	-8,5443531	0,011	0,308
CHR2	7462565	CHR2:7462565	SSF x LoA	-10,2538921	-0,004	0,299
CHR2	7462566	CHR2:7462566	SSF x LoA	-9,28270098	0,021	0,301
CHR2	7462614	CHR2:7462614	SSF x LoA	-9,84460383	-0,015	0,320
CHR2	7465249	CHR2:7465249	SSF x LoA	-11,5949142	0,044	0,301
CHR2	7465283	CHR2:7465283	SSF x LoA	-8,50554024	0,046	0,311
CHR2	7465286	CHR2:7465286	SSF x LoA	-7,28155078	0,016	0,302
CHR2	7465340	CHR2:7465340	SSF x LoA	-10,1047901	0,084	0,307
CHR2	7465363	CHR2:7465363	SSF x LoA	-10,2920788	0,044	0,303

CHR2	7473500	CHR2:7473500	SSF x LoA	-8,85202162	-0,055	0,327
CHR2	7473521	CHR2:7473521	SSF x LoA	-7,24621689	0,053	0,303
CHR2	7473544	CHR2:7473544	SSF x LoA	-8,20200007	0,081	0,301
CHR2	7473555	CHR2:7473555	SSF x LoA	-6,59093124	0,045	0,317
CHR2	748705	CHR2:748705	SSF x LoA	-10,0307106	0,065	0,309
CHR2	748808	CHR2:748808	SSF x LoA	-10,6682333	0,057	0,294
CHR2	748818	CHR2:748818	SSF x LoA	-8,08609824	0,023	0,302
CHR2	7500581	CHR2:7500581	SSF x LoA	-10,5843541	-0,009	0,317
CHR2	7521331	CHR2:7521331	SSF x LoA	-5,29174874	0,133	0,307
CHR2	7521464	CHR2:7521464	SSF x LoA	-8,45324699	0,109	0,308
CHR2	7521497	CHR2:7521497	SSF x LoA	-10,1510437	-0,052	0,306
CHR2	7521521	CHR2:7521521	SSF x LoA	-11,1540708	-0,049	0,309
CHR2	7521534	CHR2:7521534	SSF x LoA	-9,26733373	-0,092	0,305
CHR2	7529962	CHR2:7529962	SSF x LoA	-7,83389727	0,034	0,316
CHR2	7530082	CHR2:7530082	SSF x LoA	-8,66558739	0,082	0,307
CHR2	753435	CHR2:753435	SSF x LoA	-7,3400912	-0,125	0,294
CHR2	753466	CHR2:753466	SSF x LoA	-9,34522451	-0,056	0,309
CHR2	753514	CHR2:753514	SSF x LoA	-7,65719203	0,182	0,299
CHR2	753527	CHR2:753527	SSF x LoA	-10,3656155	-0,022	0,304
CHR2	753528	CHR2:753528	SSF x LoA	-9,76605801	-0,002	0,302
CHR2	753547	CHR2:753547	SSF x LoA	-3,91279952	-0,105	0,316
CHR2	753551	CHR2:753551	SSF x LoA	-9,78935743	-0,100	0,307
CHR2	753571	CHR2:753571	SSF x LoA	-8,30985778	0,113	0,305
CHR2	753574	CHR2:753574	SSF x LoA	-8,87563876	-0,011	0,300
CHR2	753590	CHR2:753590	SSF x LoA	-8,36404085	-0,097	0,291
CHR2	7536062	CHR2:7536062	SSF x LoA	-9,6761721	-0,085	0,301
CHR2	7539582	CHR2:7539582	SSF x LoA	-8,03486065	-0,051	0,317
CHR2	7539626	CHR2:7539626	SSF x LoA	-8,31662756	0,054	0,284
CHR2	7539652	CHR2:7539652	SSF x LoA	-8,43642994	-0,024	0,290
CHR2	7539712	CHR2:7539712	SSF x LoA	-7,81582384	-0,050	0,298
CHR2	7539722	CHR2:7539722	SSF x LoA	-9,0048517	-0,004	0,309
CHR2	7539736	CHR2:7539736	SSF x LoA	-6,79607182	0,101	0,310
CHR2	7539808	CHR2:7539808	SSF x LoA	-10,5180742	-0,138	0,292
CHR2	7546765	CHR2:7546765	SSF x LoA	-7,86427886	-0,003	0,307
CHR2	7546776	CHR2:7546776	SSF x LoA	-8,87329631	-0,023	0,297
CHR2	7546874	CHR2:7546874	SSF x LoA	-11,5270733	0,029	0,311
CHR2	7560130	CHR2:7560130	SSF x LoA	-10,4486896	0,089	0,298
CHR2	7560212	CHR2:7560212	SSF x LoA	-8,97932841	-0,069	0,310
CHR2	7567534	CHR2:7567534	SSF x LoA	-11,2694015	0,056	0,311
CHR2	7577923	CHR2:7577923	SSF x LoA	-9,12705583	0,115	0,318
CHR2	7577989	CHR2:7577989	SSF x LoA	-8,44935443	0,137	0,296
CHR2	7578607	CHR2:7578607	SSF x LoA	-7,79717358	-0,050	0,316
CHR2	7578640	CHR2:7578640	SSF x LoA	-8,84647507	0,006	0,321
CHR2	7578708	CHR2:7578708	SSF x LoA	-8,08968318	-0,024	0,328
CHR2	7582911	CHR2:7582911	SSF x LoA	-10,5776626	-0,002	0,300
CHR2	7584917	CHR2:7584917	SSF x LoA	-5,73561626	-0,134	0,306
CHR2	7586836	CHR2:7586836	SSF x LoA	-8,87917811	0,052	0,311
CHR2	7588850	CHR2:7588850	SSF x LoA	-10,2042569	0,075	0,317
CHR2	759039	CHR2:759039	SSF x LoA	-12,145942	0,016	0,316
CHR2	759045	CHR2:759045	SSF x LoA	-10,2411787	-0,025	0,303
CHR2	7591421	CHR2:7591421	SSF x LoA	-7,41609172	-0,092	0,314
CHR2	7591445	CHR2:7591445	SSF x LoA	-8,87829189	-0,007	0,310
CHR2	7591667	CHR2:7591667	SSF x LoA	-8,94276803	-0,131	0,298

CHR2	7591673	CHR2:7591673	SSF x LoA	-8,04153514	-0,038	0,313
CHR2	7591718	CHR2:7591718	SSF x LoA	-1,81319086	-0,068	0,317
CHR2	7603825	CHR2:7603825	SSF x LoA	-8,15589636	0,091	0,315
CHR2	7608295	CHR2:7608295	SSF x LoA	-9,85654726	0,139	0,291
CHR2	7612120	CHR2:7612120	SSF x LoA	-10,23701	0,001	0,322
CHR2	7612139	CHR2:7612139	SSF x LoA	-8,40585768	0,066	0,305
CHR2	7612225	CHR2:7612225	SSF x LoA	-9,25726855	0,109	0,297
CHR2	7612267	CHR2:7612267	SSF x LoA	-8,77457711	0,137	0,310
CHR2	7638873	CHR2:7638873	SSF x LoA	-10,0576069	-0,031	0,297
CHR2	7638891	CHR2:7638891	SSF x LoA	-11,8637197	0,037	0,295
CHR2	7638951	CHR2:7638951	SSF x LoA	-7,75308525	0,162	0,290
CHR2	7644115	CHR2:7644115	SSF x LoA	-11,4155408	0,067	0,292
CHR2	7644184	CHR2:7644184	SSF x LoA	-9,58707763	-0,075	0,308
CHR2	7646020	CHR2:7646020	SSF x LoA	-11,4731107	-0,028	0,311
CHR2	7646193	CHR2:7646193	SSF x LoA	-10,3969469	-0,005	0,300
CHR2	7646964	CHR2:7646964	SSF x LoA	-7,994429	-0,022	0,303
CHR2	7646966	CHR2:7646966	SSF x LoA	-9,6334192	-0,083	0,306
CHR2	7646991	CHR2:7646991	SSF x LoA	-10,132461	0,074	0,306
CHR2	7646993	CHR2:7646993	SSF x LoA	-6,9145466	0,065	0,319
CHR2	7652799	CHR2:7652799	SSF x LoA	-11,1785225	0,015	0,305
CHR2	7652888	CHR2:7652888	SSF x LoA	-10,0092673	0,052	0,314
CHR2	7652917	CHR2:7652917	SSF x LoA	-10,2711533	-0,066	0,313
CHR2	7656987	CHR2:7656987	SSF x LoA	-8,64086465	0,055	0,299
CHR2	7657048	CHR2:7657048	SSF x LoA	-7,02358672	0,095	0,302
CHR2	7662644	CHR2:7662644	SSF x LoA	-10,3051896	0,039	0,306
CHR2	7662842	CHR2:7662842	SSF x LoA	-7,61425964	0,104	0,314
CHR2	7664235	CHR2:7664235	SSF x LoA	-8,23389041	-0,128	0,302
CHR2	7664240	CHR2:7664240	SSF x LoA	-5,24720759	0,183	0,300
CHR2	7664864	CHR2:7664864	SSF x LoA	-7,04525746	0,091	0,293
CHR2	7664866	CHR2:7664866	SSF x LoA	-9,35878165	0,061	0,291
CHR2	7664879	CHR2:7664879	SSF x LoA	-7,62606643	-0,003	0,304
CHR2	7669001	CHR2:7669001	SSF x LoA	-8,0435911	-0,075	0,307
CHR2	7669002	CHR2:7669002	SSF x LoA	-5,30866006	-0,111	0,280
CHR2	766966	CHR2:766966	SSF x LoA	-8,96875091	-0,092	0,305
CHR2	766971	CHR2:766971	SSF x LoA	-6,77166903	0,021	0,313
CHR2	7678738	CHR2:7678738	SSF x LoA	-9,12711337	-0,017	0,313
CHR2	7681678	CHR2:7681678	SSF x LoA	-9,09159176	-0,086	0,303
CHR2	7682587	CHR2:7682587	SSF x LoA	-10,8015462	0,056	0,299
CHR2	7682638	CHR2:7682638	SSF x LoA	-10,2063298	-0,058	0,297
CHR2	7682648	CHR2:7682648	SSF x LoA	-8,75435396	0,004	0,298
CHR2	7685319	CHR2:7685319	SSF x LoA	-9,87218207	0,008	0,295
CHR2	7685354	CHR2:7685354	SSF x LoA	-9,39145952	0,084	0,290
CHR2	7685366	CHR2:7685366	SSF x LoA	-9,53534907	0,000	0,296
CHR2	7685392	CHR2:7685392	SSF x LoA	-5,11658478	0,092	0,307
CHR2	7686879	CHR2:7686879	SSF x LoA	-8,46719587	-0,077	0,308
CHR2	7686910	CHR2:7686910	SSF x LoA	2,02336452	0,002	0,309
CHR2	768717	CHR2:768717	SSF x LoA	-10,0889841	0,005	0,306
CHR2	768720	CHR2:768720	SSF x LoA	-7,59218715	0,073	0,303
CHR2	768765	CHR2:768765	SSF x LoA	-7,27958692	-0,083	0,307
CHR2	768766	CHR2:768766	SSF x LoA	-7,30786046	-0,081	0,310
CHR2	768801	CHR2:768801	SSF x LoA	-9,68457593	-0,018	0,310
CHR2	768825	CHR2:768825	SSF x LoA	-10,999535	-0,027	0,317
CHR2	768828	CHR2:768828	SSF x LoA	-9,1562111	-0,052	0,306

CHR2	7697145	CHR2:7697145	SSF x LoA	-6,6493861	0,106	0,287
CHR2	7697276	CHR2:7697276	SSF x LoA	-9,41014729	0,046	0,318
CHR2	7697283	CHR2:7697283	SSF x LoA	-8,33517641	0,010	0,309
CHR2	7697296	CHR2:7697296	SSF x LoA	-4,59455076	0,004	0,301
CHR2	7697368	CHR2:7697368	SSF x LoA	-3,43200245	-0,027	0,321
CHR2	7700813	CHR2:7700813	SSF x LoA	-6,60811441	0,223	0,279
CHR2	7700842	CHR2:7700842	SSF x LoA	-8,44839098	-0,128	0,296
CHR2	7700848	CHR2:7700848	SSF x LoA	-9,52490126	-0,163	0,320
CHR2	7700935	CHR2:7700935	SSF x LoA	-7,72237706	-0,186	0,298
CHR2	7700953	CHR2:7700953	SSF x LoA	-0,69311321	-0,166	0,294
CHR2	7704750	CHR2:7704750	SSF x LoA	-8,4927241	-0,021	0,302
CHR2	7718297	CHR2:7718297	SSF x LoA	-10,9481728	-0,066	0,302
CHR2	7718357	CHR2:7718357	SSF x LoA	-8,34630254	-0,012	0,302
CHR2	7718385	CHR2:7718385	SSF x LoA	-9,89359782	0,002	0,290
CHR2	7718404	CHR2:7718404	SSF x LoA	-9,27050885	0,059	0,310
CHR2	7718407	CHR2:7718407	SSF x LoA	-9,21696685	0,038	0,301
CHR2	7718489	CHR2:7718489	SSF x LoA	-6,89325681	-0,047	0,297
CHR2	7718556	CHR2:7718556	SSF x LoA	-11,0043934	0,050	0,294
CHR2	7743015	CHR2:7743015	SSF x LoA	-11,2060757	0,080	0,307
CHR2	7743192	CHR2:7743192	SSF x LoA	-10,3568945	0,062	0,292
CHR2	7743210	CHR2:7743210	SSF x LoA	-10,342513	0,056	0,313
CHR2	7743239	CHR2:7743239	SSF x LoA	-9,57620567	-0,008	0,303
CHR2	7743251	CHR2:7743251	SSF x LoA	-10,647729	-0,091	0,302
CHR2	7743302	CHR2:7743302	SSF x LoA	-10,3430903	0,013	0,305
CHR2	7750471	CHR2:7750471	SSF x LoA	-11,9988593	-0,036	0,303
CHR2	7750782	CHR2:7750782	SSF x LoA	-11,1459912	0,009	0,302
CHR2	7750792	CHR2:7750792	SSF x LoA	-11,5308582	0,012	0,305
CHR2	7757612	CHR2:7757612	SSF x LoA	-6,90793945	-0,085	0,304
CHR2	7757616	CHR2:7757616	SSF x LoA	-8,86566521	0,118	0,296
CHR2	7763271	CHR2:7763271	SSF x LoA	-7,32329039	0,007	0,311
CHR2	7765172	CHR2:7765172	SSF x LoA	-9,03956739	-0,156	0,300
CHR2	7765392	CHR2:7765392	SSF x LoA	-7,76064418	-0,060	0,304
CHR2	7772223	CHR2:7772223	SSF x LoA	-10,8643515	0,032	0,314
CHR2	7772224	CHR2:7772224	SSF x LoA	-8,49182096	-0,065	0,297
CHR2	7772425	CHR2:7772425	SSF x LoA	-10,5466509	-0,065	0,308
CHR2	7772482	CHR2:7772482	SSF x LoA	-10,1276668	-0,052	0,321
CHR2	7785799	CHR2:7785799	SSF x LoA	-9,11726526	0,038	0,311
CHR2	7790172	CHR2:7790172	SSF x LoA	-9,45365442	-0,075	0,309
CHR2	7790177	CHR2:7790177	SSF x LoA	-7,58532469	-0,013	0,309
CHR2	7790199	CHR2:7790199	SSF x LoA	-8,13146062	-0,009	0,314
CHR2	7790204	CHR2:7790204	SSF x LoA	-8,7562727	0,061	0,311
CHR2	7790272	CHR2:7790272	SSF x LoA	-7,99275271	-0,047	0,311
CHR2	7790288	CHR2:7790288	SSF x LoA	-11,4263763	0,007	0,290
CHR2	7790306	CHR2:7790306	SSF x LoA	-7,86841337	-0,125	0,309
CHR2	7790330	CHR2:7790330	SSF x LoA	-7,93957798	0,032	0,317
CHR2	7790373	CHR2:7790373	SSF x LoA	-10,0975199	-0,080	0,292
CHR2	7816692	CHR2:7816692	SSF x LoA	-7,50507139	-0,114	0,286
CHR2	781929	CHR2:781929	SSF x LoA	-9,75738051	-0,107	0,309
CHR2	782017	CHR2:782017	SSF x LoA	-8,60828799	-0,060	0,304
CHR2	7821428	CHR2:7821428	SSF x LoA	-9,01532435	0,089	0,312
CHR2	7821449	CHR2:7821449	SSF x LoA	-9,34313978	0,026	0,307
CHR2	7821666	CHR2:7821666	SSF x LoA	-10,516697	-0,015	0,315
CHR2	7821721	CHR2:7821721	SSF x LoA	-10,1292635	-0,012	0,308

CHR2	7821723	CHR2:7821723	SSF x LoA	-9,01582939	0,033	0,317
CHR2	7821740	CHR2:7821740	SSF x LoA	-8,77614381	-0,053	0,307
CHR2	7821748	CHR2:7821748	SSF x LoA	-9,67822214	-0,010	0,314
CHR2	7825274	CHR2:7825274	SSF x LoA	-11,3733002	-0,049	0,297
CHR2	7825387	CHR2:7825387	SSF x LoA	-7,92850796	0,116	0,311
CHR2	7825441	CHR2:7825441	SSF x LoA	-9,63596871	0,157	0,293
CHR2	7829237	CHR2:7829237	SSF x LoA	-5,01459118	-0,228	0,287
CHR2	7829279	CHR2:7829279	SSF x LoA	-9,0609247	-0,083	0,309
CHR2	7829294	CHR2:7829294	SSF x LoA	-8,29910928	-0,097	0,303
CHR2	7829324	CHR2:7829324	SSF x LoA	-2,68313188	0,043	0,315
CHR2	7829353	CHR2:7829353	SSF x LoA	-11,1984623	0,029	0,301
CHR2	7829432	CHR2:7829432	SSF x LoA	-5,77084763	-0,192	0,294
CHR2	7832933	CHR2:7832933	SSF x LoA	-7,53369107	-0,003	0,319
CHR2	7832942	CHR2:7832942	SSF x LoA	-6,60581704	-0,103	0,294
CHR2	7832963	CHR2:7832963	SSF x LoA	-9,42911344	-0,134	0,300
CHR2	7844603	CHR2:7844603	SSF x LoA	-9,60853844	-0,093	0,307
CHR2	7853037	CHR2:7853037	SSF x LoA	-7,94549399	-0,097	0,299
CHR2	7853040	CHR2:7853040	SSF x LoA	-9,39207836	-0,019	0,310
CHR2	7853209	CHR2:7853209	SSF x LoA	-6,14522876	-0,105	0,303
CHR2	7860832	CHR2:7860832	SSF x LoA	-10,2822292	-0,081	0,308
CHR2	7860875	CHR2:7860875	SSF x LoA	-9,27473646	-0,061	0,296
CHR2	7860909	CHR2:7860909	SSF x LoA	-9,35403574	-0,038	0,314
CHR2	7860914	CHR2:7860914	SSF x LoA	-8,13350863	0,208	0,304
CHR2	7861172	CHR2:7861172	SSF x LoA	-3,03038002	0,155	0,305
CHR2	7861181	CHR2:7861181	SSF x LoA	-6,88656532	-0,135	0,308
CHR2	7866674	CHR2:7866674	SSF x LoA	-9,98060927	0,047	0,309
CHR2	7866778	CHR2:7866778	SSF x LoA	-8,41838915	0,026	0,313
CHR2	7866800	CHR2:7866800	SSF x LoA	-9,27776705	-0,054	0,313
CHR2	7876519	CHR2:7876519	SSF x LoA	-8,69607165	0,065	0,310
CHR2	7876572	CHR2:7876572	SSF x LoA	-9,42559476	-0,042	0,299
CHR2	7876606	CHR2:7876606	SSF x LoA	-6,74674764	0,086	0,305
CHR2	7876668	CHR2:7876668	SSF x LoA	-9,86192589	0,047	0,305
CHR2	7876670	CHR2:7876670	SSF x LoA	-8,77792459	0,052	0,305
CHR2	7876679	CHR2:7876679	SSF x LoA	-10,01943	0,093	0,315
CHR2	7881808	CHR2:7881808	SSF x LoA	-8,64589483	0,024	0,311
CHR2	7882052	CHR2:7882052	SSF x LoA	-9,28870662	0,049	0,312
CHR2	7888826	CHR2:7888826	SSF x LoA	-4,989103	0,170	0,298
CHR2	7888857	CHR2:7888857	SSF x LoA	-11,0231612	-0,087	0,309
CHR2	7892998	CHR2:7892998	SSF x LoA	-10,5528571	0,044	0,297
CHR2	7893252	CHR2:7893252	SSF x LoA	-10,346703	-0,084	0,301
CHR2	7894869	CHR2:7894869	SSF x LoA	-8,35084144	-0,171	0,307
CHR2	7894956	CHR2:7894956	SSF x LoA	-5,33238885	0,241	0,294
CHR2	7902947	CHR2:7902947	SSF x LoA	-10,1951392	0,136	0,297
CHR2	7916054	CHR2:7916054	SSF x LoA	-9,81612497	0,038	0,307
CHR2	7917900	CHR2:7917900	SSF x LoA	-10,3747729	0,066	0,318
CHR2	7918042	CHR2:7918042	SSF x LoA	-8,0393216	0,118	0,302
CHR2	7941307	CHR2:7941307	SSF x LoA	-10,4671252	-0,027	0,317
CHR2	7941431	CHR2:7941431	SSF x LoA	-9,53419085	-0,066	0,300
CHR2	7982583	CHR2:7982583	SSF x LoA	-10,536568	-0,064	0,305
CHR2	7982873	CHR2:7982873	SSF x LoA	-11,0299983	0,044	0,305
CHR2	7988050	CHR2:7988050	SSF x LoA	-10,7054509	-0,022	0,312
CHR2	8000055	CHR2:8000055	SSF x LoA	-8,58285882	0,097	0,304
CHR2	8001752	CHR2:8001752	SSF x LoA	-8,76897572	-0,125	0,300

CHR2	8001781	CHR2:8001781	SSF x LoA	-6,94879535	-0,142	0,307
CHR2	8001809	CHR2:8001809	SSF x LoA	-7,22154238	0,087	0,319
CHR2	8001841	CHR2:8001841	SSF x LoA	-6,37733481	-0,128	0,303
CHR2	8001870	CHR2:8001870	SSF x LoA	-9,24424427	0,148	0,297
CHR2	8001906	CHR2:8001906	SSF x LoA	-9,21883132	-0,079	0,294
CHR2	8001943	CHR2:8001943	SSF x LoA	-8,60764159	0,103	0,297
CHR2	8004126	CHR2:8004126	SSF x LoA	-10,1365478	-0,089	0,304
CHR2	8004141	CHR2:8004141	SSF x LoA	-10,3234225	-0,014	0,304
CHR2	8004198	CHR2:8004198	SSF x LoA	-3,73375323	-0,171	0,303
CHR2	8005440	CHR2:8005440	SSF x LoA	-6,01128878	0,172	0,305
CHR2	8033915	CHR2:8033915	SSF x LoA	-8,64095203	-0,071	0,324
CHR2	8041361	CHR2:8041361	SSF x LoA	-8,08365492	0,014	0,301
CHR2	804937	CHR2:804937	SSF x LoA	-7,0160722	-0,186	0,295
CHR2	8055289	CHR2:8055289	SSF x LoA	-6,09626757	-0,127	0,300
CHR2	8072440	CHR2:8072440	SSF x LoA	-7,88059425	-0,033	0,316
CHR2	8072508	CHR2:8072508	SSF x LoA	-11,433936	-0,030	0,291
CHR2	8072511	CHR2:8072511	SSF x LoA	-8,71123812	0,021	0,315
CHR2	8072619	CHR2:8072619	SSF x LoA	-9,8853422	0,025	0,310
CHR2	8078717	CHR2:8078717	SSF x LoA	-9,93472626	0,041	0,324
CHR2	8078719	CHR2:8078719	SSF x LoA	-10,2044835	0,074	0,312
CHR2	8078720	CHR2:8078720	SSF x LoA	-10,6206105	0,044	0,310
CHR2	8078736	CHR2:8078736	SSF x LoA	-11,0728176	-0,045	0,304
CHR2	8078738	CHR2:8078738	SSF x LoA	0,15178763	-0,122	0,291
CHR2	8078769	CHR2:8078769	SSF x LoA	-11,0510895	0,001	0,309
CHR2	8078785	CHR2:8078785	SSF x LoA	-11,3366924	0,028	0,304
CHR2	8078795	CHR2:8078795	SSF x LoA	0,57543571	0,092	0,313
CHR2	8078848	CHR2:8078848	SSF x LoA	-5,62003001	-0,110	0,298
CHR2	8078918	CHR2:8078918	SSF x LoA	-7,42764461	-0,031	0,310
CHR2	8078927	CHR2:8078927	SSF x LoA	-9,04407859	0,002	0,298
CHR2	8078932	CHR2:8078932	SSF x LoA	-9,23856509	0,019	0,309
CHR2	8078953	CHR2:8078953	SSF x LoA	-9,18854688	-0,029	0,309
CHR2	8081114	CHR2:8081114	SSF x LoA	-11,6535766	0,094	0,301
CHR2	8081188	CHR2:8081188	SSF x LoA	-6,18800322	-0,053	0,311
CHR2	8083162	CHR2:8083162	SSF x LoA	-9,60858664	0,085	0,302
CHR2	8083173	CHR2:8083173	SSF x LoA	-9,43654177	-0,014	0,307
CHR2	8083375	CHR2:8083375	SSF x LoA	-8,49829878	0,058	0,311
CHR2	8092578	CHR2:8092578	SSF x LoA	-7,61730455	0,072	0,306
CHR2	8092669	CHR2:8092669	SSF x LoA	-4,76575387	-0,131	0,312
CHR2	8096609	CHR2:8096609	SSF x LoA	-8,99097639	-0,100	0,308
CHR2	8096638	CHR2:8096638	SSF x LoA	-10,7196821	0,051	0,318
CHR2	8096644	CHR2:8096644	SSF x LoA	-9,3386017	-0,013	0,318
CHR2	8096646	CHR2:8096646	SSF x LoA	-6,02376807	-0,129	0,301
CHR2	8102336	CHR2:8102336	SSF x LoA	-10,2870566	-0,049	0,295
CHR2	8102375	CHR2:8102375	SSF x LoA	-10,0430345	-0,058	0,304
CHR2	8112277	CHR2:8112277	SSF x LoA	-11,6859612	-0,017	0,302
CHR2	8112393	CHR2:8112393	SSF x LoA	-8,86575823	-0,034	0,311
CHR2	8112397	CHR2:8112397	SSF x LoA	-1,63810066	-0,067	0,317
CHR2	811386	CHR2:811386	SSF x LoA	-9,54100613	0,007	0,302
CHR2	811411	CHR2:811411	SSF x LoA	-11,1198067	0,066	0,298
CHR2	8116802	CHR2:8116802	SSF x LoA	-11,6588632	0,026	0,310
CHR2	8116879	CHR2:8116879	SSF x LoA	-11,13492	-0,091	0,280
CHR2	811697	CHR2:811697	SSF x LoA	-11,5482691	-0,050	0,298
CHR2	811772	CHR2:811772	SSF x LoA	-8,07615457	-0,105	0,302

CHR2	811800	CHR2:811800	SSF x LoA	-8,72762346	-0,100	0,306
CHR2	811860	CHR2:811860	SSF x LoA	-9,50439713	0,043	0,304
CHR2	8122261	CHR2:8122261	SSF x LoA	-10,2838023	-0,038	0,326
CHR2	8122303	CHR2:8122303	SSF x LoA	-9,26849311	0,001	0,304
CHR2	8126638	CHR2:8126638	SSF x LoA	-9,34517131	0,108	0,308
CHR2	8129118	CHR2:8129118	SSF x LoA	-10,516761	0,009	0,314
CHR2	8139808	CHR2:8139808	SSF x LoA	-10,3693434	0,048	0,300
CHR2	8139830	CHR2:8139830	SSF x LoA	-10,7318678	0,032	0,287
CHR2	8139836	CHR2:8139836	SSF x LoA	-10,1601711	0,073	0,303
CHR2	8139901	CHR2:8139901	SSF x LoA	-0,76988522	0,021	0,310
CHR2	8139940	CHR2:8139940	SSF x LoA	-9,336838	0,179	0,291
CHR2	8139954	CHR2:8139954	SSF x LoA	-7,42822001	0,202	0,299
CHR2	8139991	CHR2:8139991	SSF x LoA	-11,0469723	-0,037	0,311
CHR2	8140028	CHR2:8140028	SSF x LoA	-8,4198966	-0,048	0,331
CHR2	8144638	CHR2:8144638	SSF x LoA	-2,76431323	-0,127	0,304
CHR2	8152222	CHR2:8152222	SSF x LoA	-7,02734255	0,088	0,287
CHR2	8152276	CHR2:8152276	SSF x LoA	-8,43579976	-0,148	0,310
CHR2	8152279	CHR2:8152279	SSF x LoA	-9,30530699	0,038	0,303
CHR2	8152315	CHR2:8152315	SSF x LoA	-8,57467644	-0,057	0,306
CHR2	8152375	CHR2:8152375	SSF x LoA	-8,808585	-0,030	0,312
CHR2	8164295	CHR2:8164295	SSF x LoA	-7,90967621	0,071	0,320
CHR2	8164342	CHR2:8164342	SSF x LoA	-7,24252808	0,002	0,315
CHR2	8164391	CHR2:8164391	SSF x LoA	-7,93523489	0,018	0,311
CHR2	8164910	CHR2:8164910	SSF x LoA	-10,5433419	0,071	0,308
CHR2	8164938	CHR2:8164938	SSF x LoA	-9,25348286	-0,003	0,306
CHR2	8164957	CHR2:8164957	SSF x LoA	-6,24416304	0,085	0,301
CHR2	8166454	CHR2:8166454	SSF x LoA	-8,27662714	0,060	0,306
CHR2	8171187	CHR2:8171187	SSF x LoA	-10,59265	0,037	0,313
CHR2	8193615	CHR2:8193615	SSF x LoA	-9,89734476	0,013	0,303
CHR2	8193662	CHR2:8193662	SSF x LoA	-9,52455135	-0,053	0,306
CHR2	8193697	CHR2:8193697	SSF x LoA	-8,6111594	0,071	0,317
CHR2	8193761	CHR2:8193761	SSF x LoA	-9,71558424	0,063	0,323
CHR2	8193781	CHR2:8193781	SSF x LoA	-8,56065906	-0,033	0,303
CHR2	8193808	CHR2:8193808	SSF x LoA	-9,57284387	0,004	0,312
CHR2	8193811	CHR2:8193811	SSF x LoA	-9,35937933	-0,030	0,318
CHR2	8193814	CHR2:8193814	SSF x LoA	-10,973108	-0,002	0,301
CHR2	8193870	CHR2:8193870	SSF x LoA	-9,56776349	-0,025	0,306
CHR2	8203541	CHR2:8203541	SSF x LoA	-9,74304417	0,090	0,312
CHR2	8203554	CHR2:8203554	SSF x LoA	-10,6202704	-0,052	0,310
CHR2	8203569	CHR2:8203569	SSF x LoA	-8,96306384	-0,086	0,293
CHR2	8203601	CHR2:8203601	SSF x LoA	-10,4692173	-0,034	0,319
CHR2	8203758	CHR2:8203758	SSF x LoA	-10,2206072	-0,099	0,308
CHR2	8208606	CHR2:8208606	SSF x LoA	-11,4403495	-0,040	0,310
CHR2	8213618	CHR2:8213618	SSF x LoA	-9,29662681	0,018	0,316
CHR2	8217667	CHR2:8217667	SSF x LoA	-10,7156207	-0,020	0,295
CHR2	8217668	CHR2:8217668	SSF x LoA	-10,0916724	-0,039	0,311
CHR2	8219157	CHR2:8219157	SSF x LoA	-6,82891818	0,127	0,303
CHR2	8219183	CHR2:8219183	SSF x LoA	-11,1581501	-0,067	0,306
CHR2	8219206	CHR2:8219206	SSF x LoA	-8,76534404	0,083	0,301
CHR2	8223535	CHR2:8223535	SSF x LoA	-6,57516972	0,080	0,313
CHR2	8223554	CHR2:8223554	SSF x LoA	-9,66632878	0,025	0,314
CHR2	8223590	CHR2:8223590	SSF x LoA	-9,23110063	-0,013	0,316
CHR2	8223616	CHR2:8223616	SSF x LoA	-9,25809281	0,000	0,301

CHR2	8223642	CHR2:8223642	SSF x LoA	-6,3979098	0,101	0,301
CHR2	8223648	CHR2:8223648	SSF x LoA	-7,04527506	0,046	0,315
CHR2	8223682	CHR2:8223682	SSF x LoA	-3,66223402	-0,028	0,308
CHR2	8225283	CHR2:8225283	SSF x LoA	-10,44364	-0,117	0,297
CHR2	8225302	CHR2:8225302	SSF x LoA	-9,18202384	0,051	0,322
CHR2	8225955	CHR2:8225955	SSF x LoA	-11,2610491	-0,050	0,313
CHR2	8228910	CHR2:8228910	SSF x LoA	-8,53926396	-0,020	0,318
CHR2	8229274	CHR2:8229274	SSF x LoA	-10,0330788	0,057	0,303
CHR2	8242114	CHR2:8242114	SSF x LoA	-8,02441566	0,075	0,310
CHR2	8242115	CHR2:8242115	SSF x LoA	-8,01534992	0,074	0,312
CHR2	8242153	CHR2:8242153	SSF x LoA	-9,06731082	0,019	0,308
CHR2	8242192	CHR2:8242192	SSF x LoA	-6,87458644	0,085	0,297
CHR2	8243101	CHR2:8243101	SSF x LoA	-6,0503593	0,122	0,302
CHR2	8243109	CHR2:8243109	SSF x LoA	-9,11198993	0,090	0,298
CHR2	8243121	CHR2:8243121	SSF x LoA	-5,52157989	0,068	0,293
CHR2	8253883	CHR2:8253883	SSF x LoA	-9,79989544	-0,056	0,305
CHR2	8253885	CHR2:8253885	SSF x LoA	-7,17968769	0,048	0,317
CHR2	8254777	CHR2:8254777	SSF x LoA	-10,2279853	-0,056	0,298
CHR2	8259473	CHR2:8259473	SSF x LoA	-9,27225878	0,122	0,301
CHR2	8264406	CHR2:8264406	SSF x LoA	-10,6828237	-0,044	0,303
CHR2	8265919	CHR2:8265919	SSF x LoA	-8,84771223	0,098	0,307
CHR2	8266006	CHR2:8266006	SSF x LoA	-11,4962829	-0,053	0,295
CHR2	8266017	CHR2:8266017	SSF x LoA	-10,9523389	-0,148	0,290
CHR2	8283020	CHR2:8283020	SSF x LoA	-10,9490691	0,040	0,310
CHR2	8283141	CHR2:8283141	SSF x LoA	-4,61664823	0,051	0,318
CHR2	8307747	CHR2:8307747	SSF x LoA	-9,92415397	-0,014	0,293
CHR2	8307813	CHR2:8307813	SSF x LoA	-11,3916847	0,023	0,303
CHR2	8313362	CHR2:8313362	SSF x LoA	-9,00670548	0,071	0,311
CHR2	8313544	CHR2:8313544	SSF x LoA	-9,50376299	-0,003	0,301
CHR2	8319314	CHR2:8319314	SSF x LoA	-9,79963363	0,029	0,304
CHR2	8319396	CHR2:8319396	SSF x LoA	-6,33583094	-0,146	0,297
CHR2	8336988	CHR2:8336988	SSF x LoA	-10,4848424	-0,007	0,305
CHR2	8337064	CHR2:8337064	SSF x LoA	-10,9277348	-0,056	0,307
CHR2	8340763	CHR2:8340763	SSF x LoA	-8,39561232	0,139	0,302
CHR2	8347520	CHR2:8347520	SSF x LoA	-11,0687486	-0,032	0,308
CHR2	8347697	CHR2:8347697	SSF x LoA	-10,585007	-0,038	0,301
CHR2	8347733	CHR2:8347733	SSF x LoA	-10,8522967	0,074	0,306
CHR2	8354852	CHR2:8354852	SSF x LoA	-10,8840532	-0,041	0,311
CHR2	8357868	CHR2:8357868	SSF x LoA	-11,6148045	-0,061	0,305
CHR2	8362582	CHR2:8362582	SSF x LoA	-9,88300678	-0,034	0,302
CHR2	8362589	CHR2:8362589	SSF x LoA	-10,2933166	0,032	0,294
CHR2	8362596	CHR2:8362596	SSF x LoA	-8,54517519	0,009	0,298
CHR2	8362610	CHR2:8362610	SSF x LoA	-10,6302392	0,030	0,306
CHR2	8362619	CHR2:8362619	SSF x LoA	-8,68358579	0,002	0,318
CHR2	8373640	CHR2:8373640	SSF x LoA	-11,6281149	-0,030	0,288
CHR2	8373809	CHR2:8373809	SSF x LoA	-9,68384233	0,043	0,324
CHR2	8373824	CHR2:8373824	SSF x LoA	-5,29745632	0,189	0,288
CHR2	8373827	CHR2:8373827	SSF x LoA	-7,36600757	0,155	0,295
CHR2	8382072	CHR2:8382072	SSF x LoA	-6,99949741	0,152	0,307
CHR2	8382153	CHR2:8382153	SSF x LoA	-7,28825556	-0,115	0,312
CHR2	8385065	CHR2:8385065	SSF x LoA	-6,88252202	0,188	0,296
CHR2	8385191	CHR2:8385191	SSF x LoA	-11,6173784	0,012	0,310
CHR2	8413036	CHR2:8413036	SSF x LoA	-10,7059313	0,037	0,300

CHR2	8413183	CHR2:8413183	SSF x LoA	-8,45991744	-0,018	0,308
CHR2	8419005	CHR2:8419005	SSF x LoA	-11,0576894	-0,027	0,300
CHR2	8419065	CHR2:8419065	SSF x LoA	-8,71283898	0,065	0,306
CHR2	8428919	CHR2:8428919	SSF x LoA	-11,1409004	-0,041	0,310
CHR2	8436930	CHR2:8436930	SSF x LoA	-9,12922065	0,086	0,300
CHR2	8437006	CHR2:8437006	SSF x LoA	16,6894519	0,181	0,309
CHR2	8437698	CHR2:8437698	SSF x LoA	-6,70972624	-0,164	0,308
CHR2	8440932	CHR2:8440932	SSF x LoA	-10,5029621	-0,035	0,299
CHR2	8442741	CHR2:8442741	SSF x LoA	-10,2897026	0,078	0,316
CHR2	8452116	CHR2:8452116	SSF x LoA	-2,5652197	0,062	0,303
CHR2	8452129	CHR2:8452129	SSF x LoA	-11,0520229	0,056	0,304
CHR2	8452177	CHR2:8452177	SSF x LoA	-10,572665	-0,054	0,293
CHR2	8453139	CHR2:8453139	SSF x LoA	-9,57301347	0,108	0,303
CHR2	8461358	CHR2:8461358	SSF x LoA	-8,32025547	0,217	0,305
CHR2	8461359	CHR2:8461359	SSF x LoA	-8,483127	-0,016	0,321
CHR2	8461391	CHR2:8461391	SSF x LoA	-4,7125372	-0,026	0,307
CHR2	8461434	CHR2:8461434	SSF x LoA	-10,6659474	-0,132	0,298
CHR2	8461493	CHR2:8461493	SSF x LoA	-8,2170229	-0,055	0,303
CHR2	8461519	CHR2:8461519	SSF x LoA	-8,88673329	-0,050	0,301
CHR2	8465329	CHR2:8465329	SSF x LoA	-7,38914322	-0,113	0,296
CHR2	8466275	CHR2:8466275	SSF x LoA	-10,2696056	-0,018	0,301
CHR2	8466486	CHR2:8466486	SSF x LoA	-8,31430578	-0,018	0,307
CHR2	8468592	CHR2:8468592	SSF x LoA	-10,8278417	-0,080	0,306
CHR2	8468593	CHR2:8468593	SSF x LoA	-4,63878557	0,030	0,317
CHR2	8473000	CHR2:8473000	SSF x LoA	-9,36152345	0,042	0,300
CHR2	8473011	CHR2:8473011	SSF x LoA	-8,58863226	-0,024	0,304
CHR2	8484433	CHR2:8484433	SSF x LoA	-10,4318714	0,162	0,296
CHR2	8484569	CHR2:8484569	SSF x LoA	-8,95757115	0,107	0,312
CHR2	8489639	CHR2:8489639	SSF x LoA	-11,4389702	0,041	0,310
CHR2	8489649	CHR2:8489649	SSF x LoA	-9,08981156	0,118	0,301
CHR2	8489695	CHR2:8489695	SSF x LoA	-9,3567877	-0,045	0,308
CHR2	8491151	CHR2:8491151	SSF x LoA	-11,3675214	-0,034	0,299
CHR2	8491157	CHR2:8491157	SSF x LoA	-10,3913972	-0,013	0,287
CHR2	8491224	CHR2:8491224	SSF x LoA	-8,46287764	0,016	0,311
CHR2	8492972	CHR2:8492972	SSF x LoA	-8,51427091	0,118	0,295
CHR2	8492990	CHR2:8492990	SSF x LoA	-9,49718961	-0,018	0,307
CHR2	8493028	CHR2:8493028	SSF x LoA	-9,08420745	-0,014	0,314
CHR2	8493039	CHR2:8493039	SSF x LoA	-9,39807097	-0,053	0,314
CHR2	8493041	CHR2:8493041	SSF x LoA	-6,99867458	-0,084	0,309
CHR2	8493042	CHR2:8493042	SSF x LoA	-10,4512364	-0,071	0,282
CHR2	8493045	CHR2:8493045	SSF x LoA	-8,05157557	-0,090	0,297
CHR2	8493145	CHR2:8493145	SSF x LoA	-10,3049639	0,148	0,304
CHR2	8494751	CHR2:8494751	SSF x LoA	-11,6745062	0,008	0,314
CHR2	8496516	CHR2:8496516	SSF x LoA	-7,16549825	-0,104	0,317
CHR2	8496617	CHR2:8496617	SSF x LoA	-4,77952046	0,157	0,298
CHR2	8500117	CHR2:8500117	SSF x LoA	-8,03873025	-0,027	0,301
CHR2	8500154	CHR2:8500154	SSF x LoA	-11,096038	-0,017	0,305
CHR2	8500233	CHR2:8500233	SSF x LoA	-7,11581241	0,088	0,301
CHR2	8503050	CHR2:8503050	SSF x LoA	-6,86365719	0,113	0,298
CHR2	8503176	CHR2:8503176	SSF x LoA	-10,2147643	0,004	0,301
CHR2	8503189	CHR2:8503189	SSF x LoA	-9,19430238	-0,017	0,302
CHR2	8503190	CHR2:8503190	SSF x LoA	-7,6966624	-0,004	0,310
CHR2	851314	CHR2:851314	SSF x LoA	-7,80368843	0,054	0,308

CHR2	851424	CHR2:851424	SSF x LoA	-11,1680636	0,047	0,303
CHR2	8514299	CHR2:8514299	SSF x LoA	-9,78583658	-0,096	0,302
CHR2	8514300	CHR2:8514300	SSF x LoA	-7,50542215	0,053	0,297
CHR2	8514324	CHR2:8514324	SSF x LoA	-10,1847257	0,055	0,312
CHR2	8514347	CHR2:8514347	SSF x LoA	-8,3136894	0,059	0,304
CHR2	8514421	CHR2:8514421	SSF x LoA	-10,5756868	-0,069	0,307
CHR2	8514435	CHR2:8514435	SSF x LoA	-8,5101844	-0,039	0,307
CHR2	8514491	CHR2:8514491	SSF x LoA	-4,82882702	-0,033	0,300
CHR2	8532444	CHR2:8532444	SSF x LoA	-11,9426308	-0,066	0,300
CHR2	8532502	CHR2:8532502	SSF x LoA	-9,39722973	0,102	0,311
CHR2	8532588	CHR2:8532588	SSF x LoA	-10,0109678	-0,065	0,301
CHR2	8533594	CHR2:8533594	SSF x LoA	-8,89524556	-0,060	0,305
CHR2	8536725	CHR2:8536725	SSF x LoA	-9,48109782	-0,059	0,308
CHR2	8536794	CHR2:8536794	SSF x LoA	-8,387806	-0,048	0,313
CHR2	853930	CHR2:853930	SSF x LoA	-9,60256926	-0,024	0,313
CHR2	854046	CHR2:854046	SSF x LoA	-11,7773137	0,030	0,304
CHR2	854212	CHR2:854212	SSF x LoA	-9,50161055	-0,024	0,301
CHR2	854230	CHR2:854230	SSF x LoA	-10,5883116	0,034	0,311
CHR2	8573796	CHR2:8573796	SSF x LoA	-8,01936233	-0,113	0,290
CHR2	8590776	CHR2:8590776	SSF x LoA	-8,53303972	-0,012	0,320
CHR2	8594923	CHR2:8594923	SSF x LoA	1,81561476	-0,062	0,295
CHR2	8594946	CHR2:8594946	SSF x LoA	-7,65703138	-0,055	0,313
CHR2	8594952	CHR2:8594952	SSF x LoA	-10,6413022	0,141	0,311
CHR2	8594954	CHR2:8594954	SSF x LoA	-11,2988303	0,107	0,299
CHR2	8595060	CHR2:8595060	SSF x LoA	-9,31786234	-0,034	0,309
CHR2	8595066	CHR2:8595066	SSF x LoA	-10,0946227	0,020	0,307
CHR2	8595090	CHR2:8595090	SSF x LoA	-9,71882998	-0,044	0,302
CHR2	8595108	CHR2:8595108	SSF x LoA	-11,0445956	0,008	0,304
CHR2	8609175	CHR2:8609175	SSF x LoA	-10,2017466	-0,026	0,305
CHR2	8609233	CHR2:8609233	SSF x LoA	-6,08415764	-0,020	0,317
CHR2	8616631	CHR2:8616631	SSF x LoA	-12,2243134	0,020	0,302
CHR2	8616651	CHR2:8616651	SSF x LoA	-9,91617307	-0,037	0,304
CHR2	8616712	CHR2:8616712	SSF x LoA	-8,18634503	0,063	0,310
CHR2	861690	CHR2:861690	SSF x LoA	-7,93038258	-0,106	0,303
CHR2	861713	CHR2:861713	SSF x LoA	-9,37212261	0,046	0,323
CHR2	861727	CHR2:861727	SSF x LoA	-8,24513344	0,065	0,306
CHR2	861733	CHR2:861733	SSF x LoA	-9,12709487	0,076	0,310
CHR2	861738	CHR2:861738	SSF x LoA	-7,56900686	0,108	0,308
CHR2	861754	CHR2:861754	SSF x LoA	-9,02844869	0,122	0,291
CHR2	8626968	CHR2:8626968	SSF x LoA	-11,2671019	0,057	0,309
CHR2	8627014	CHR2:8627014	SSF x LoA	-10,1290507	0,052	0,310
CHR2	8627016	CHR2:8627016	SSF x LoA	-8,63392784	-0,088	0,294
CHR2	8629658	CHR2:8629658	SSF x LoA	-10,0834996	0,039	0,306
CHR2	8633997	CHR2:8633997	SSF x LoA	-9,54553463	-0,058	0,315
CHR2	8634535	CHR2:8634535	SSF x LoA	-8,2901039	0,093	0,300
CHR2	8634622	CHR2:8634622	SSF x LoA	-11,3509672	-0,033	0,312
CHR2	8634648	CHR2:8634648	SSF x LoA	-9,26076526	0,051	0,307
CHR2	8639305	CHR2:8639305	SSF x LoA	-10,3704289	0,016	0,303
CHR2	8639387	CHR2:8639387	SSF x LoA	-8,85429135	0,020	0,321
CHR2	8639413	CHR2:8639413	SSF x LoA	-6,71435085	-0,072	0,297
CHR2	8639434	CHR2:8639434	SSF x LoA	-9,88822528	0,003	0,293
CHR2	8639466	CHR2:8639466	SSF x LoA	-10,5789474	0,007	0,304
CHR2	8639519	CHR2:8639519	SSF x LoA	-11,0354854	-0,003	0,300

CHR2	8653369	CHR2:8653369	SSF x LoA	-6,93158572	-0,074	0,315
CHR2	8662742	CHR2:8662742	SSF x LoA	-8,82934779	-0,062	0,301
CHR2	8662757	CHR2:8662757	SSF x LoA	-10,3104397	-0,002	0,303
CHR2	8662819	CHR2:8662819	SSF x LoA	-8,58240646	-0,078	0,312
CHR2	8662833	CHR2:8662833	SSF x LoA	-10,3846524	0,053	0,292
CHR2	8663852	CHR2:8663852	SSF x LoA	-10,5114638	0,019	0,296
CHR2	8663880	CHR2:8663880	SSF x LoA	-9,96216182	0,025	0,314
CHR2	8688430	CHR2:8688430	SSF x LoA	-8,33016182	0,084	0,291
CHR2	8688431	CHR2:8688431	SSF x LoA	-7,51175664	-0,067	0,300
CHR2	8688505	CHR2:8688505	SSF x LoA	-10,6574036	-0,075	0,300
CHR2	8691640	CHR2:8691640	SSF x LoA	-7,43171263	-0,157	0,302
CHR2	8691647	CHR2:8691647	SSF x LoA	-10,4839897	0,015	0,307
CHR2	8697971	CHR2:8697971	SSF x LoA	-4,25588956	-0,072	0,293
CHR2	8700885	CHR2:8700885	SSF x LoA	-9,63205423	-0,014	0,305
CHR2	8700912	CHR2:8700912	SSF x LoA	-9,33344922	0,128	0,305
CHR2	8700943	CHR2:8700943	SSF x LoA	-6,15535563	0,103	0,317
CHR2	8700979	CHR2:8700979	SSF x LoA	-11,1442472	-0,014	0,314
CHR2	8701018	CHR2:8701018	SSF x LoA	-8,63757731	-0,082	0,329
CHR2	8701029	CHR2:8701029	SSF x LoA	-7,37228458	-0,014	0,304
CHR2	8705889	CHR2:8705889	SSF x LoA	-5,2545948	0,225	0,297
CHR2	8707299	CHR2:8707299	SSF x LoA	-10,7792602	-0,027	0,307
CHR2	8707367	CHR2:8707367	SSF x LoA	-9,0457604	-0,014	0,305
CHR2	8707379	CHR2:8707379	SSF x LoA	-9,3484623	0,029	0,296
CHR2	8707380	CHR2:8707380	SSF x LoA	-9,33089645	-0,049	0,314
CHR2	8707398	CHR2:8707398	SSF x LoA	-8,91615692	0,016	0,305
CHR2	8707441	CHR2:8707441	SSF x LoA	-8,60915075	-0,034	0,321
CHR2	8707453	CHR2:8707453	SSF x LoA	-6,76566846	-0,125	0,304
CHR2	8710941	CHR2:8710941	SSF x LoA	-3,08665368	-0,169	0,307
CHR2	8710951	CHR2:8710951	SSF x LoA	-10,8349004	-0,049	0,298
CHR2	8710959	CHR2:8710959	SSF x LoA	-8,28933249	0,006	0,309
CHR2	8711021	CHR2:8711021	SSF x LoA	-9,7808073	-0,146	0,307
CHR2	8711068	CHR2:8711068	SSF x LoA	-10,3200686	-0,018	0,300
CHR2	8711082	CHR2:8711082	SSF x LoA	-7,92121729	-0,075	0,316
CHR2	8717088	CHR2:8717088	SSF x LoA	-10,2189141	0,020	0,300
CHR2	8717175	CHR2:8717175	SSF x LoA	-9,10725569	-0,101	0,302
CHR2	8717196	CHR2:8717196	SSF x LoA	-9,75262817	-0,002	0,316
CHR2	8717199	CHR2:8717199	SSF x LoA	-10,2148056	0,012	0,319
CHR2	8717201	CHR2:8717201	SSF x LoA	-10,1958483	0,020	0,309
CHR2	8717240	CHR2:8717240	SSF x LoA	-8,96226309	0,051	0,322
CHR2	8717246	CHR2:8717246	SSF x LoA	-7,45308609	-0,095	0,308
CHR2	8717301	CHR2:8717301	SSF x LoA	-8,78260783	0,161	0,286
CHR2	8722906	CHR2:8722906	SSF x LoA	-8,83565778	-0,037	0,313
CHR2	8722922	CHR2:8722922	SSF x LoA	-8,36537668	-0,041	0,312
CHR2	8722997	CHR2:8722997	SSF x LoA	-9,58849176	0,056	0,296
CHR2	872500	CHR2:872500	SSF x LoA	-9,04238857	0,013	0,309
CHR2	872512	CHR2:872512	SSF x LoA	-8,45273186	0,022	0,320
CHR2	872521	CHR2:872521	SSF x LoA	-8,42238869	0,078	0,314
CHR2	872535	CHR2:872535	SSF x LoA	-7,48704333	-0,186	0,316
CHR2	872572	CHR2:872572	SSF x LoA	-9,26299345	0,091	0,310
CHR2	8728843	CHR2:8728843	SSF x LoA	-9,33505606	-0,091	0,304
CHR2	8728857	CHR2:8728857	SSF x LoA	-9,89862574	0,082	0,304
CHR2	8728876	CHR2:8728876	SSF x LoA	-8,64236702	-0,068	0,301
CHR2	8728957	CHR2:8728957	SSF x LoA	-7,73599488	-0,020	0,323

CHR2	8729008	CHR2:8729008	SSF x LoA	-10,2083844	0,039	0,286
CHR2	8729045	CHR2:8729045	SSF x LoA	-7,19870793	0,005	0,301
CHR2	8729048	CHR2:8729048	SSF x LoA	-8,53364755	-0,034	0,304
CHR2	8732082	CHR2:8732082	SSF x LoA	-11,2920065	0,031	0,305
CHR2	8735366	CHR2:8735366	SSF x LoA	-9,60537022	0,007	0,304
CHR2	8735470	CHR2:8735470	SSF x LoA	-10,041483	-0,004	0,317
CHR2	8735512	CHR2:8735512	SSF x LoA	-10,3442844	0,015	0,298
CHR2	8735516	CHR2:8735516	SSF x LoA	-9,49895931	-0,082	0,305
CHR2	8735600	CHR2:8735600	SSF x LoA	-10,5942869	0,032	0,304
CHR2	8735612	CHR2:8735612	SSF x LoA	-9,30980078	0,050	0,313
CHR2	8735681	CHR2:8735681	SSF x LoA	-9,82051306	-0,030	0,313
CHR2	8735689	CHR2:8735689	SSF x LoA	-9,59212168	-0,064	0,300
CHR2	8735692	CHR2:8735692	SSF x LoA	-11,0651579	-0,007	0,301
CHR2	8735702	CHR2:8735702	SSF x LoA	-8,70312872	-0,031	0,320
CHR2	8740261	CHR2:8740261	SSF x LoA	-8,91535317	0,073	0,306
CHR2	8764209	CHR2:8764209	SSF x LoA	-10,8464439	-0,051	0,305
CHR2	8768352	CHR2:8768352	SSF x LoA	-9,65649024	0,019	0,307
CHR2	8771868	CHR2:8771868	SSF x LoA	-9,69705221	-0,118	0,308
CHR2	877208	CHR2:877208	SSF x LoA	-9,16433474	0,131	0,301
CHR2	877225	CHR2:877225	SSF x LoA	-8,11805208	0,141	0,307
CHR2	877230	CHR2:877230	SSF x LoA	-9,20698768	0,121	0,302
CHR2	8775415	CHR2:8775415	SSF x LoA	-3,34234571	0,006	0,323
CHR2	8775490	CHR2:8775490	SSF x LoA	-11,3670731	-0,089	0,320
CHR2	8775499	CHR2:8775499	SSF x LoA	-10,7753373	-0,089	0,293
CHR2	8777779	CHR2:8777779	SSF x LoA	-6,69978581	-0,121	0,294
CHR2	8791550	CHR2:8791550	SSF x LoA	-9,85654406	0,092	0,296
CHR2	8791667	CHR2:8791667	SSF x LoA	-9,79921768	-0,090	0,295
CHR2	8792320	CHR2:8792320	SSF x LoA	-9,75136801	-0,062	0,310
CHR2	8800336	CHR2:8800336	SSF x LoA	-7,22525409	0,114	0,312
CHR2	8802073	CHR2:8802073	SSF x LoA	-11,3024334	-0,080	0,307
CHR2	8802100	CHR2:8802100	SSF x LoA	-8,40251157	-0,135	0,278
CHR2	8802224	CHR2:8802224	SSF x LoA	-10,8395618	0,062	0,291
CHR2	8802245	CHR2:8802245	SSF x LoA	-7,29627233	-0,118	0,290
CHR2	8802412	CHR2:8802412	SSF x LoA	-9,58112198	0,095	0,305
CHR2	880452	CHR2:880452	SSF x LoA	-10,8189566	-0,040	0,317
CHR2	880646	CHR2:880646	SSF x LoA	-11,8689127	-0,023	0,307
CHR2	8809981	CHR2:8809981	SSF x LoA	-11,0709842	0,057	0,300
CHR2	8817772	CHR2:8817772	SSF x LoA	-10,1092091	-0,007	0,296
CHR2	8817974	CHR2:8817974	SSF x LoA	-9,55635878	-0,042	0,301
CHR2	8824928	CHR2:8824928	SSF x LoA	-8,37772515	0,040	0,307
CHR2	8824966	CHR2:8824966	SSF x LoA	-8,62775342	-0,050	0,309
CHR2	8825040	CHR2:8825040	SSF x LoA	-7,92114431	-0,010	0,317
CHR2	882845	CHR2:882845	SSF x LoA	-10,8478525	0,034	0,315
CHR2	882983	CHR2:882983	SSF x LoA	-8,4145749	-0,073	0,320
CHR2	8830244	CHR2:8830244	SSF x LoA	-7,76306029	-0,026	0,294
CHR2	8832414	CHR2:8832414	SSF x LoA	-9,12401259	0,114	0,313
CHR2	8833086	CHR2:8833086	SSF x LoA	-7,68974144	0,185	0,291
CHR2	8833104	CHR2:8833104	SSF x LoA	-8,65038265	-0,064	0,307
CHR2	8833105	CHR2:8833105	SSF x LoA	-7,74798378	-0,094	0,308
CHR2	8833119	CHR2:8833119	SSF x LoA	-4,74302236	-0,076	0,307
CHR2	8833151	CHR2:8833151	SSF x LoA	-8,71501019	0,148	0,299
CHR2	8836391	CHR2:8836391	SSF x LoA	-7,44690701	-0,038	0,311
CHR2	8837340	CHR2:8837340	SSF x LoA	-9,35306213	0,041	0,291

CHR2	8837515	CHR2:8837515	SSF x LoA	-10,8028074	0,021	0,308
CHR2	8839830	CHR2:8839830	SSF x LoA	-5,33742578	0,094	0,297
CHR2	8845791	CHR2:8845791	SSF x LoA	-10,7280131	-0,107	0,314
CHR2	8845794	CHR2:8845794	SSF x LoA	-11,506813	0,044	0,312
CHR2	8856022	CHR2:8856022	SSF x LoA	-9,56368181	0,076	0,322
CHR2	8856106	CHR2:8856106	SSF x LoA	-7,81269374	-0,082	0,313
CHR2	8865068	CHR2:8865068	SSF x LoA	-3,13746325	0,088	0,303
CHR2	8865099	CHR2:8865099	SSF x LoA	-11,3341511	0,035	0,299
CHR2	8881177	CHR2:8881177	SSF x LoA	-9,07995445	-0,112	0,324
CHR2	8894789	CHR2:8894789	SSF x LoA	-8,53536663	0,009	0,300
CHR2	8894793	CHR2:8894793	SSF x LoA	-9,11737836	0,090	0,305
CHR2	8894800	CHR2:8894800	SSF x LoA	-11,2414472	0,053	0,298
CHR2	8894803	CHR2:8894803	SSF x LoA	-9,33220452	0,025	0,309
CHR2	8894818	CHR2:8894818	SSF x LoA	-11,7463881	0,046	0,303
CHR2	891034	CHR2:891034	SSF x LoA	-8,80409507	-0,006	0,304
CHR2	8912233	CHR2:8912233	SSF x LoA	-6,86140841	0,122	0,295
CHR2	8915899	CHR2:8915899	SSF x LoA	-6,65424662	0,080	0,300
CHR2	8916001	CHR2:8916001	SSF x LoA	-9,11638139	-0,115	0,296
CHR2	8916026	CHR2:8916026	SSF x LoA	-9,09927079	-0,046	0,313
CHR2	8916064	CHR2:8916064	SSF x LoA	-9,3892518	0,061	0,308
CHR2	8916065	CHR2:8916065	SSF x LoA	-9,22881755	0,034	0,307
CHR2	8938564	CHR2:8938564	SSF x LoA	-8,29662675	-0,025	0,300
CHR2	8938639	CHR2:8938639	SSF x LoA	-8,14168197	0,031	0,299
CHR2	8942457	CHR2:8942457	SSF x LoA	-10,9795209	-0,068	0,303
CHR2	8942746	CHR2:8942746	SSF x LoA	-10,4489495	0,083	0,301
CHR2	8945019	CHR2:8945019	SSF x LoA	-5,82817785	0,040	0,312
CHR2	8945032	CHR2:8945032	SSF x LoA	-10,1604234	0,025	0,295
CHR2	8945077	CHR2:8945077	SSF x LoA	-11,0967355	-0,022	0,312
CHR2	8945156	CHR2:8945156	SSF x LoA	-10,3762943	-0,127	0,306
CHR2	8945176	CHR2:8945176	SSF x LoA	-9,22898927	0,091	0,313
CHR2	8945201	CHR2:8945201	SSF x LoA	-6,69999746	-0,078	0,313
CHR2	8945211	CHR2:8945211	SSF x LoA	-7,81606419	-0,058	0,316
CHR2	8945232	CHR2:8945232	SSF x LoA	-10,83908	-0,102	0,298
CHR2	8947733	CHR2:8947733	SSF x LoA	-7,7878813	-0,044	0,316
CHR2	8947738	CHR2:8947738	SSF x LoA	-10,4302563	-0,093	0,303
CHR2	8947786	CHR2:8947786	SSF x LoA	-9,68280549	0,008	0,308
CHR2	8947917	CHR2:8947917	SSF x LoA	-11,9294208	-0,049	0,299
CHR2	8952673	CHR2:8952673	SSF x LoA	-10,5844772	0,064	0,307
CHR2	8952702	CHR2:8952702	SSF x LoA	-9,65629449	-0,086	0,299
CHR2	8970526	CHR2:8970526	SSF x LoA	-10,0417775	-0,095	0,295
CHR2	8970532	CHR2:8970532	SSF x LoA	-7,24951595	0,031	0,315
CHR2	8970788	CHR2:8970788	SSF x LoA	-8,21615559	-0,003	0,310
CHR2	897278	CHR2:897278	SSF x LoA	-5,39206166	0,070	0,294
CHR2	897288	CHR2:897288	SSF x LoA	-10,7351123	-0,042	0,310
CHR2	8972946	CHR2:8972946	SSF x LoA	-8,50771177	0,193	0,290
CHR2	897312	CHR2:897312	SSF x LoA	-11,4851167	-0,017	0,306
CHR2	8973706	CHR2:8973706	SSF x LoA	-7,82477652	-0,099	0,314
CHR2	8973801	CHR2:8973801	SSF x LoA	-6,26128472	0,094	0,307
CHR2	897458	CHR2:897458	SSF x LoA	-8,75357383	0,029	0,308
CHR2	8975521	CHR2:8975521	SSF x LoA	-8,45086541	0,160	0,300
CHR2	897555	CHR2:897555	SSF x LoA	-8,66982441	-0,131	0,301
CHR2	8975577	CHR2:8975577	SSF x LoA	-11,9861	-0,027	0,297
CHR2	8990278	CHR2:8990278	SSF x LoA	-8,31214848	-0,088	0,298

CHR2	8995265	CHR2:8995265	SSF x LoA	-5,60971178	0,142	0,302
CHR2	8995904	CHR2:8995904	SSF x LoA	-11,4684493	0,026	0,306
CHR2	8995998	CHR2:8995998	SSF x LoA	-8,68585527	0,015	0,306
CHR2	8998204	CHR2:8998204	SSF x LoA	-10,3052252	0,089	0,304
CHR2	8998353	CHR2:8998353	SSF x LoA	-10,2175535	-0,098	0,309
CHR2	9012225	CHR2:9012225	SSF x LoA	-8,36256052	-0,154	0,292
CHR2	9017535	CHR2:9017535	SSF x LoA	-9,58327788	-0,104	0,301
CHR2	9021126	CHR2:9021126	SSF x LoA	-10,3805831	0,091	0,305
CHR2	902139	CHR2:902139	SSF x LoA	-9,62313941	-0,005	0,301
CHR2	902210	CHR2:902210	SSF x LoA	-11,7040786	-0,029	0,318
CHR2	9024918	CHR2:9024918	SSF x LoA	-7,59576271	0,076	0,292
CHR2	9024939	CHR2:9024939	SSF x LoA	-7,61314735	-0,138	0,308
CHR2	9024960	CHR2:9024960	SSF x LoA	-9,64308554	-0,114	0,310
CHR2	9024968	CHR2:9024968	SSF x LoA	-8,96004095	0,011	0,314
CHR2	904028	CHR2:904028	SSF x LoA	-5,12145962	-0,045	0,312
CHR2	904065	CHR2:904065	SSF x LoA	-10,866305	-0,007	0,307
CHR2	904066	CHR2:904066	SSF x LoA	-9,99330517	-0,112	0,288
CHR2	904176	CHR2:904176	SSF x LoA	-8,03430179	0,147	0,289
CHR2	904219	CHR2:904219	SSF x LoA	-10,6900143	0,000	0,302
CHR2	904265	CHR2:904265	SSF x LoA	-8,96233559	-0,105	0,305
CHR2	9045878	CHR2:9045878	SSF x LoA	-9,71949647	0,010	0,294
CHR2	9045953	CHR2:9045953	SSF x LoA	-10,3694548	-0,073	0,301
CHR2	9047619	CHR2:9047619	SSF x LoA	-10,3396996	-0,077	0,291
CHR2	9047703	CHR2:9047703	SSF x LoA	-9,9225745	-0,006	0,302
CHR2	9057647	CHR2:9057647	SSF x LoA	-9,27315432	0,005	0,306
CHR2	9071100	CHR2:9071100	SSF x LoA	-9,11275667	-0,052	0,317
CHR2	9076254	CHR2:9076254	SSF x LoA	-11,213781	-0,079	0,293
CHR2	9081346	CHR2:9081346	SSF x LoA	-6,10745059	0,124	0,307
CHR2	9096774	CHR2:9096774	SSF x LoA	-2,1961868	0,004	0,302
CHR2	9098554	CHR2:9098554	SSF x LoA	-8,88645798	-0,037	0,303
CHR2	9098573	CHR2:9098573	SSF x LoA	-7,74848124	-0,007	0,311
CHR2	9101502	CHR2:9101502	SSF x LoA	-11,4490318	0,057	0,309
CHR2	9101555	CHR2:9101555	SSF x LoA	-10,4574447	0,073	0,313
CHR2	9101569	CHR2:9101569	SSF x LoA	-10,1783131	0,035	0,300
CHR2	9101652	CHR2:9101652	SSF x LoA	-7,24780299	0,025	0,302
CHR2	9101678	CHR2:9101678	SSF x LoA	-10,3130461	0,039	0,320
CHR2	9101700	CHR2:9101700	SSF x LoA	-9,55287906	0,032	0,312
CHR2	912578	CHR2:912578	SSF x LoA	-9,23227773	-0,047	0,321
CHR2	9146534	CHR2:9146534	SSF x LoA	-3,80760893	-0,028	0,312
CHR2	9146540	CHR2:9146540	SSF x LoA	-9,1950851	0,015	0,307
CHR2	9146580	CHR2:9146580	SSF x LoA	-8,16289194	-0,008	0,312
CHR2	9148056	CHR2:9148056	SSF x LoA	-8,20912411	0,079	0,295
CHR2	9148139	CHR2:9148139	SSF x LoA	-8,71420024	-0,022	0,298
CHR2	915177	CHR2:915177	SSF x LoA	-9,10971357	0,098	0,312
CHR2	9156053	CHR2:9156053	SSF x LoA	-9,76322596	-0,043	0,313
CHR2	9156226	CHR2:9156226	SSF x LoA	-7,71909679	-0,068	0,308
CHR2	9156231	CHR2:9156231	SSF x LoA	-8,98083178	0,042	0,316
CHR2	9157099	CHR2:9157099	SSF x LoA	-9,21064538	0,020	0,304
CHR2	9157632	CHR2:9157632	SSF x LoA	-8,70195983	0,067	0,308
CHR2	916390	CHR2:916390	SSF x LoA	-8,18733925	0,165	0,308
CHR2	9165518	CHR2:9165518	SSF x LoA	-9,16486351	0,003	0,279
CHR2	9165522	CHR2:9165522	SSF x LoA	-9,08564723	0,060	0,304
CHR2	9165526	CHR2:9165526	SSF x LoA	-8,00785541	0,040	0,309

CHR2	9176540	CHR2:9176540	SSF x LoA	-2,27348408	0,117	0,298
CHR2	9187907	CHR2:9187907	SSF x LoA	-6,6063545	-0,189	0,305
CHR2	9187946	CHR2:9187946	SSF x LoA	-10,0695131	0,037	0,314
CHR2	9188598	CHR2:9188598	SSF x LoA	-9,12255134	0,065	0,296
CHR2	9196659	CHR2:9196659	SSF x LoA	-6,92131204	-0,075	0,309
CHR2	9202599	CHR2:9202599	SSF x LoA	-11,5008319	0,036	0,312
CHR2	9203559	CHR2:9203559	SSF x LoA	-9,37365947	0,024	0,312
CHR2	9216361	CHR2:9216361	SSF x LoA	-8,01880772	0,089	0,310
CHR2	9220059	CHR2:9220059	SSF x LoA	-11,3107219	0,050	0,322
CHR2	9220842	CHR2:9220842	SSF x LoA	-12,0641874	-0,006	0,304
CHR2	9220881	CHR2:9220881	SSF x LoA	-8,96790761	-0,093	0,302
CHR2	9229823	CHR2:9229823	SSF x LoA	-4,01388799	-0,043	0,312
CHR2	9229837	CHR2:9229837	SSF x LoA	-10,3200925	-0,019	0,319
CHR2	9229919	CHR2:9229919	SSF x LoA	-9,44248092	-0,004	0,312
CHR2	9229964	CHR2:9229964	SSF x LoA	-10,1945312	-0,029	0,312
CHR2	9229993	CHR2:9229993	SSF x LoA	-8,26920504	0,137	0,293
CHR2	9244356	CHR2:9244356	SSF x LoA	-10,6333789	0,072	0,296
CHR2	9251015	CHR2:9251015	SSF x LoA	-7,24414991	0,121	0,297
CHR2	9255060	CHR2:9255060	SSF x LoA	-8,27379603	0,043	0,320
CHR2	926178	CHR2:926178	SSF x LoA	-11,53276	0,071	0,307
CHR2	926181	CHR2:926181	SSF x LoA	-8,06810725	0,005	0,311
CHR2	926182	CHR2:926182	SSF x LoA	-9,55806783	-0,045	0,305
CHR2	926211	CHR2:926211	SSF x LoA	-8,82081575	-0,042	0,300
CHR2	926229	CHR2:926229	SSF x LoA	-9,48233827	-0,084	0,300
CHR2	9275144	CHR2:9275144	SSF x LoA	-11,5598107	0,018	0,302
CHR2	9275268	CHR2:9275268	SSF x LoA	-9,79888013	0,088	0,310
CHR2	9275284	CHR2:9275284	SSF x LoA	-8,30199995	0,042	0,314
CHR2	9275316	CHR2:9275316	SSF x LoA	-10,7847583	0,047	0,302
CHR2	9275343	CHR2:9275343	SSF x LoA	-8,14486858	-0,111	0,297
CHR2	9277643	CHR2:9277643	SSF x LoA	-5,98082217	0,062	0,317
CHR2	928700	CHR2:928700	SSF x LoA	-9,40635929	-0,051	0,307
CHR2	928724	CHR2:928724	SSF x LoA	-9,13288407	-0,041	0,300
CHR2	928729	CHR2:928729	SSF x LoA	-4,48379153	0,013	0,316
CHR2	928733	CHR2:928733	SSF x LoA	-9,37498688	0,017	0,310
CHR2	931414	CHR2:931414	SSF x LoA	-9,00421056	0,049	0,298
CHR2	932497	CHR2:932497	SSF x LoA	-8,56444759	-0,090	0,312
CHR2	932568	CHR2:932568	SSF x LoA	-5,99012931	-0,023	0,298
CHR2	932617	CHR2:932617	SSF x LoA	-9,10426218	-0,048	0,310
CHR2	9338149	CHR2:9338149	SSF x LoA	-8,67608725	-0,028	0,319
CHR2	9338227	CHR2:9338227	SSF x LoA	-8,37419788	-0,083	0,311
CHR2	9342001	CHR2:9342001	SSF x LoA	-7,80476483	-0,060	0,299
CHR2	9342045	CHR2:9342045	SSF x LoA	-10,3957797	-0,034	0,307
CHR2	9342190	CHR2:9342190	SSF x LoA	-10,8245749	-0,108	0,305
CHR2	9346225	CHR2:9346225	SSF x LoA	-10,8120525	-0,079	0,315
CHR2	9346233	CHR2:9346233	SSF x LoA	-9,56461844	-0,113	0,299
CHR2	9404974	CHR2:9404974	SSF x LoA	-9,27880362	0,077	0,304
CHR2	9407001	CHR2:9407001	SSF x LoA	-11,3063027	0,011	0,296
CHR2	9407002	CHR2:9407002	SSF x LoA	-11,5957702	0,033	0,303
CHR2	9421221	CHR2:9421221	SSF x LoA	-8,06666373	0,110	0,301
CHR2	9421553	CHR2:9421553	SSF x LoA	-9,52046349	0,002	0,306
CHR2	9421574	CHR2:9421574	SSF x LoA	-7,33668249	0,012	0,312
CHR2	9459301	CHR2:9459301	SSF x LoA	-9,79009175	0,061	0,304
CHR2	9459451	CHR2:9459451	SSF x LoA	-7,76967603	-0,069	0,314

CHR2	9459505	CHR2:9459505	SSF x LoA	-9,37357445	-0,039	0,307
CHR2	9471921	CHR2:9471921	SSF x LoA	-10,7492389	0,005	0,299
CHR2	9472071	CHR2:9472071	SSF x LoA	-9,88361326	-0,032	0,310
CHR2	9477473	CHR2:9477473	SSF x LoA	-9,43102073	-0,059	0,299
CHR2	9497279	CHR2:9497279	SSF x LoA	-9,1845617	-0,024	0,306
CHR2	9497755	CHR2:9497755	SSF x LoA	-8,54307219	-0,035	0,305
CHR2	9522576	CHR2:9522576	SSF x LoA	-12,0127759	-0,044	0,305
CHR2	9522611	CHR2:9522611	SSF x LoA	-9,62804582	0,099	0,315
CHR2	9523483	CHR2:9523483	SSF x LoA	-7,56329957	-0,106	0,310
CHR2	9538107	CHR2:9538107	SSF x LoA	-8,3045133	0,089	0,312
CHR2	9538132	CHR2:9538132	SSF x LoA	-8,87842289	0,061	0,312
CHR2	9538204	CHR2:9538204	SSF x LoA	-11,0263099	0,007	0,306
CHR2	9544750	CHR2:9544750	SSF x LoA	-11,2092909	-0,028	0,286
CHR2	9544795	CHR2:9544795	SSF x LoA	-10,3011078	-0,032	0,303
CHR2	9544849	CHR2:9544849	SSF x LoA	-7,44721556	0,005	0,310
CHR2	9545006	CHR2:9545006	SSF x LoA	-9,48138495	0,070	0,314
CHR2	9555151	CHR2:9555151	SSF x LoA	-10,0044602	0,025	0,308
CHR2	9555321	CHR2:9555321	SSF x LoA	-10,7042719	0,032	0,308
CHR2	9555395	CHR2:9555395	SSF x LoA	-6,13091711	0,057	0,309
CHR2	9555514	CHR2:9555514	SSF x LoA	-12,2506287	-0,002	0,296
CHR2	9563486	CHR2:9563486	SSF x LoA	-9,22445055	0,035	0,313
CHR2	9565265	CHR2:9565265	SSF x LoA	-8,06978043	0,020	0,289
CHR2	9572242	CHR2:9572242	SSF x LoA	-6,56540973	-0,148	0,288
CHR2	9572243	CHR2:9572243	SSF x LoA	-11,3109038	-0,060	0,296
CHR2	9572350	CHR2:9572350	SSF x LoA	-9,00024247	-0,123	0,292
CHR2	9572355	CHR2:9572355	SSF x LoA	-8,55587111	-0,090	0,303
CHR2	9578608	CHR2:9578608	SSF x LoA	-9,50864444	0,016	0,301
CHR2	9578734	CHR2:9578734	SSF x LoA	-8,71883684	0,067	0,320
CHR2	9578831	CHR2:9578831	SSF x LoA	-8,07237266	0,030	0,311
CHR2	9582243	CHR2:9582243	SSF x LoA	-10,6898462	-0,115	0,286
CHR2	9582356	CHR2:9582356	SSF x LoA	-7,92521063	0,212	0,291
CHR2	9582377	CHR2:9582377	SSF x LoA	-9,11816732	-0,105	0,301
CHR2	9582482	CHR2:9582482	SSF x LoA	-8,40593286	-0,063	0,304
CHR2	9582496	CHR2:9582496	SSF x LoA	-5,81927741	0,005	0,311
CHR2	9582536	CHR2:9582536	SSF x LoA	-10,8421511	0,072	0,297
CHR2	9582573	CHR2:9582573	SSF x LoA	-7,80731508	-0,056	0,319
CHR2	9584406	CHR2:9584406	SSF x LoA	-9,51046808	-0,112	0,313
CHR2	9601851	CHR2:9601851	SSF x LoA	-9,31327723	-0,068	0,318
CHR2	9601891	CHR2:9601891	SSF x LoA	-8,6033205	-0,030	0,285
CHR2	9601935	CHR2:9601935	SSF x LoA	-11,0611287	-0,053	0,314
CHR2	9601961	CHR2:9601961	SSF x LoA	-8,92225971	0,098	0,314
CHR2	9605908	CHR2:9605908	SSF x LoA	-9,48772156	0,077	0,308
CHR2	9615802	CHR2:9615802	SSF x LoA	-9,16518949	0,085	0,295
CHR2	9615878	CHR2:9615878	SSF x LoA	-11,8219044	0,019	0,292
CHR2	9615879	CHR2:9615879	SSF x LoA	-12,1927274	0,039	0,291
CHR2	9630224	CHR2:9630224	SSF x LoA	-5,83499318	-0,158	0,307
CHR2	9630731	CHR2:9630731	SSF x LoA	-3,31187436	0,135	0,293
CHR2	9630788	CHR2:9630788	SSF x LoA	-8,23456128	0,016	0,293
CHR2	9630833	CHR2:9630833	SSF x LoA	-11,020172	-0,020	0,305
CHR2	9630911	CHR2:9630911	SSF x LoA	-11,4799685	0,023	0,300
CHR2	9630923	CHR2:9630923	SSF x LoA	-6,70870428	0,065	0,307
CHR2	963720	CHR2:963720	SSF x LoA	-8,3596566	-0,135	0,313
CHR2	963729	CHR2:963729	SSF x LoA	-5,28687835	-0,120	0,320

CHR2	963740	CHR2:963740	SSF x LoA	-6,60260031	-0,166	0,305
CHR2	963769	CHR2:963769	SSF x LoA	-7,41002293	0,004	0,311
CHR2	963772	CHR2:963772	SSF x LoA	-8,93562507	0,076	0,297
CHR2	963793	CHR2:963793	SSF x LoA	-9,21518091	-0,063	0,305
CHR2	963838	CHR2:963838	SSF x LoA	-8,23909268	-0,159	0,323
CHR2	963839	CHR2:963839	SSF x LoA	-10,0827452	-0,032	0,305
CHR2	964293	CHR2:964293	SSF x LoA	-6,06235814	0,102	0,316
CHR2	964307	CHR2:964307	SSF x LoA	-5,68859643	-0,082	0,309
CHR2	9644471	CHR2:9644471	SSF x LoA	-11,6370245	0,007	0,301
CHR2	9644473	CHR2:9644473	SSF x LoA	-7,85273183	-0,064	0,314
CHR2	9644503	CHR2:9644503	SSF x LoA	-8,01777067	0,071	0,308
CHR2	9644518	CHR2:9644518	SSF x LoA	-10,5057714	0,078	0,297
CHR2	9644546	CHR2:9644546	SSF x LoA	-7,0225007	0,091	0,306
CHR2	9645034	CHR2:9645034	SSF x LoA	-7,86857718	0,149	0,308
CHR2	9650596	CHR2:9650596	SSF x LoA	-9,52949984	-0,006	0,309
CHR2	9650599	CHR2:9650599	SSF x LoA	-9,22637708	0,075	0,316
CHR2	9650672	CHR2:9650672	SSF x LoA	-11,8051802	0,053	0,301
CHR2	9655550	CHR2:9655550	SSF x LoA	-2,51136897	-0,202	0,303
CHR2	9655647	CHR2:9655647	SSF x LoA	-4,82819225	0,072	0,303
CHR2	9656045	CHR2:9656045	SSF x LoA	-9,30745616	0,016	0,302
CHR2	9656048	CHR2:9656048	SSF x LoA	-8,93013304	0,115	0,301
CHR2	9656081	CHR2:9656081	SSF x LoA	-9,98685844	0,016	0,300
CHR2	9666755	CHR2:9666755	SSF x LoA	-8,90272549	-0,061	0,298
CHR2	9675996	CHR2:9675996	SSF x LoA	-7,95497485	0,052	0,316
CHR2	9676040	CHR2:9676040	SSF x LoA	10,6259637	-0,146	0,310
CHR2	9676098	CHR2:9676098	SSF x LoA	-8,89660581	-0,059	0,310
CHR2	9689290	CHR2:9689290	SSF x LoA	-9,87795154	-0,036	0,301
CHR2	9690372	CHR2:9690372	SSF x LoA	-8,35070384	-0,117	0,302
CHR2	9690429	CHR2:9690429	SSF x LoA	-7,36112763	0,033	0,305
CHR2	9690433	CHR2:9690433	SSF x LoA	-9,69941085	-0,014	0,308
CHR2	9701367	CHR2:9701367	SSF x LoA	-5,67052082	-0,255	0,284
CHR2	9701372	CHR2:9701372	SSF x LoA	-1,6448799	-0,289	0,284
CHR2	9718795	CHR2:9718795	SSF x LoA	-8,20224024	0,002	0,320
CHR2	9718805	CHR2:9718805	SSF x LoA	-9,15887799	0,041	0,314
CHR2	9718809	CHR2:9718809	SSF x LoA	-8,07614433	-0,020	0,317
CHR2	9718840	CHR2:9718840	SSF x LoA	-1,99133838	0,038	0,308
CHR2	9718900	CHR2:9718900	SSF x LoA	-7,38866059	0,081	0,322
CHR2	9720159	CHR2:9720159	SSF x LoA	-8,09566854	-0,047	0,309
CHR2	9720205	CHR2:9720205	SSF x LoA	-10,4569452	0,008	0,311
CHR2	9722913	CHR2:9722913	SSF x LoA	-8,87706686	0,117	0,303
CHR2	9722939	CHR2:9722939	SSF x LoA	-9,03369949	0,062	0,294
CHR2	9729405	CHR2:9729405	SSF x LoA	-9,38477931	-0,040	0,314
CHR2	9734363	CHR2:9734363	SSF x LoA	-11,6485096	0,050	0,317
CHR2	9734452	CHR2:9734452	SSF x LoA	-7,17683955	-0,021	0,323
CHR2	9734468	CHR2:9734468	SSF x LoA	-9,77394021	-0,021	0,310
CHR2	9734472	CHR2:9734472	SSF x LoA	-9,27770173	0,123	0,300
CHR2	9734491	CHR2:9734491	SSF x LoA	-8,50292095	-0,013	0,308
CHR2	9734492	CHR2:9734492	SSF x LoA	-5,4662101	-0,043	0,297
CHR2	9734516	CHR2:9734516	SSF x LoA	-8,9494801	-0,048	0,308
CHR2	9734523	CHR2:9734523	SSF x LoA	-10,8907085	0,069	0,309
CHR2	9734554	CHR2:9734554	SSF x LoA	-8,70098093	-0,078	0,299
CHR2	9750657	CHR2:9750657	SSF x LoA	-8,56664374	0,068	0,304
CHR2	9757137	CHR2:9757137	SSF x LoA	1,99321764	0,107	0,308

CHR2	9759230	CHR2:9759230	SSF x LoA	-10,3423602	-0,077	0,308
CHR2	9759235	CHR2:9759235	SSF x LoA	-10,529106	0,072	0,306
CHR2	9761407	CHR2:9761407	SSF x LoA	-4,19789378	0,133	0,308
CHR2	9764165	CHR2:9764165	SSF x LoA	-8,15087793	0,100	0,302
CHR2	9775739	CHR2:9775739	SSF x LoA	-6,52704524	0,097	0,303
CHR2	9775921	CHR2:9775921	SSF x LoA	-10,5240935	0,024	0,308
CHR2	9777962	CHR2:9777962	SSF x LoA	-10,4705367	-0,036	0,308
CHR2	9777972	CHR2:9777972	SSF x LoA	-8,05200441	0,146	0,307
CHR2	9777998	CHR2:9777998	SSF x LoA	-11,037245	0,078	0,310
CHR2	9778036	CHR2:9778036	SSF x LoA	-2,18899121	0,128	0,298
CHR2	9778052	CHR2:9778052	SSF x LoA	-6,9635195	-0,154	0,299
CHR2	9778202	CHR2:9778202	SSF x LoA	-9,28299311	0,002	0,324
CHR2	9778205	CHR2:9778205	SSF x LoA	-6,13329235	-0,130	0,293
CHR2	9778231	CHR2:9778231	SSF x LoA	-10,1893185	-0,055	0,295
CHR2	9778258	CHR2:9778258	SSF x LoA	-9,1431356	-0,122	0,301
CHR2	9778259	CHR2:9778259	SSF x LoA	-7,82073805	-0,119	0,298
CHR2	9778279	CHR2:9778279	SSF x LoA	-7,4916687	-0,102	0,302
CHR2	9778283	CHR2:9778283	SSF x LoA	-8,40264265	-0,056	0,319
CHR2	9784713	CHR2:9784713	SSF x LoA	-11,2402797	-0,014	0,303
CHR2	9784794	CHR2:9784794	SSF x LoA	-11,0058675	-0,104	0,288
CHR2	9784878	CHR2:9784878	SSF x LoA	-6,67990641	0,098	0,294
CHR2	978539	CHR2:978539	SSF x LoA	-8,6326892	0,056	0,309
CHR2	978547	CHR2:978547	SSF x LoA	-10,7271783	0,023	0,306
CHR2	978629	CHR2:978629	SSF x LoA	-8,67107372	0,105	0,311
CHR2	9788080	CHR2:9788080	SSF x LoA	-6,40142974	0,092	0,298
CHR2	9788334	CHR2:9788334	SSF x LoA	-10,2168047	-0,091	0,295
CHR2	9788545	CHR2:9788545	SSF x LoA	-9,27901976	0,063	0,307
CHR2	9810174	CHR2:9810174	SSF x LoA	-10,9494072	-0,055	0,303
CHR2	9810318	CHR2:9810318	SSF x LoA	-6,85668906	0,102	0,286
CHR2	9812155	CHR2:9812155	SSF x LoA	-10,0939938	0,039	0,318
CHR2	9825119	CHR2:9825119	SSF x LoA	-9,20605187	-0,020	0,298
CHR2	9825194	CHR2:9825194	SSF x LoA	-7,45436513	0,127	0,322
CHR2	9827362	CHR2:9827362	SSF x LoA	-10,8323052	0,044	0,297
CHR2	9827405	CHR2:9827405	SSF x LoA	-9,55947981	0,058	0,294
CHR2	9829122	CHR2:9829122	SSF x LoA	-9,79303056	0,055	0,309
CHR2	9829151	CHR2:9829151	SSF x LoA	-8,46926253	-0,035	0,313
CHR2	9829204	CHR2:9829204	SSF x LoA	-8,96637102	-0,007	0,319
CHR2	9829225	CHR2:9829225	SSF x LoA	-4,09747024	-0,003	0,305
CHR2	9830936	CHR2:9830936	SSF x LoA	-8,50926508	0,102	0,294
CHR2	9830957	CHR2:9830957	SSF x LoA	-11,1369194	-0,045	0,304
CHR2	9830960	CHR2:9830960	SSF x LoA	-8,99241646	0,046	0,316
CHR2	9830965	CHR2:9830965	SSF x LoA	-5,03974669	-0,023	0,313
CHR2	9830994	CHR2:9830994	SSF x LoA	-8,71997208	0,191	0,301
CHR2	9831043	CHR2:9831043	SSF x LoA	-4,89248268	-0,041	0,318
CHR2	9833279	CHR2:9833279	SSF x LoA	-8,43227392	-0,035	0,300
CHR2	9833293	CHR2:9833293	SSF x LoA	-8,46745697	-0,059	0,320
CHR2	9833380	CHR2:9833380	SSF x LoA	-5,58303306	0,138	0,307
CHR2	9833431	CHR2:9833431	SSF x LoA	-7,39828627	-0,019	0,307
CHR2	9834258	CHR2:9834258	SSF x LoA	-11,4875744	0,082	0,310
CHR2	9834272	CHR2:9834272	SSF x LoA	-6,70192776	-0,023	0,308
CHR2	9834273	CHR2:9834273	SSF x LoA	-10,9975472	-0,024	0,308
CHR2	9834274	CHR2:9834274	SSF x LoA	-10,8918457	-0,051	0,312
CHR2	9834277	CHR2:9834277	SSF x LoA	-10,5798395	-0,062	0,304

CHR2	9838524	CHR2:9838524	SSF x LoA	-8,93729847	0,032	0,317
CHR2	9838779	CHR2:9838779	SSF x LoA	-9,18689526	-0,062	0,321
CHR2	9838802	CHR2:9838802	SSF x LoA	-8,14247805	-0,064	0,306
CHR2	9838811	CHR2:9838811	SSF x LoA	-10,0479217	0,087	0,299
CHR2	9838834	CHR2:9838834	SSF x LoA	-7,96557766	0,108	0,307
CHR2	9849140	CHR2:9849140	SSF x LoA	-6,98573708	0,107	0,299
CHR2	9849478	CHR2:9849478	SSF x LoA	-7,95985113	0,027	0,291
CHR2	9871605	CHR2:9871605	SSF x LoA	-10,4807496	-0,008	0,298
CHR2	9871619	CHR2:9871619	SSF x LoA	-3,062691	-0,127	0,292
CHR2	9871624	CHR2:9871624	SSF x LoA	-6,19741155	0,071	0,298
CHR2	9871650	CHR2:9871650	SSF x LoA	-10,9163662	0,021	0,322
CHR2	9871658	CHR2:9871658	SSF x LoA	-9,60656428	-0,035	0,308
CHR2	9871694	CHR2:9871694	SSF x LoA	-8,07045881	0,037	0,303
CHR2	9871753	CHR2:9871753	SSF x LoA	-10,994979	0,061	0,317
CHR2	9880610	CHR2:9880610	SSF x LoA	-7,03254079	-0,082	0,301
CHR2	9880618	CHR2:9880618	SSF x LoA	-9,90186075	-0,130	0,308
CHR2	9880639	CHR2:9880639	SSF x LoA	-5,94963229	0,111	0,307
CHR2	9880645	CHR2:9880645	SSF x LoA	-6,78454672	-0,087	0,314
CHR2	9881894	CHR2:9881894	SSF x LoA	-8,19695827	-0,173	0,299
CHR2	9891	CHR2:9891	SSF x LoA	-8,94278989	0,025	0,308
CHR2	9897801	CHR2:9897801	SSF x LoA	-10,2342826	-0,006	0,299
CHR2	990402	CHR2:990402	SSF x LoA	-9,93608365	-0,017	0,291
CHR2	990449	CHR2:990449	SSF x LoA	-9,99603945	-0,093	0,309
CHR2	990524	CHR2:990524	SSF x LoA	-9,86407875	-0,009	0,299
CHR2	990559	CHR2:990559	SSF x LoA	-7,11247486	0,047	0,309
CHR2	9915006	CHR2:9915006	SSF x LoA	-7,43264785	-0,185	0,311
CHR2	9915094	CHR2:9915094	SSF x LoA	-7,51140255	-0,107	0,320
CHR2	9915104	CHR2:9915104	SSF x LoA	-8,05585308	0,012	0,306
CHR2	9915211	CHR2:9915211	SSF x LoA	-1,96011805	-0,094	0,303
CHR2	9915283	CHR2:9915283	SSF x LoA	-9,54037963	0,046	0,308
CHR2	9920738	CHR2:9920738	SSF x LoA	-6,24358102	-0,230	0,292
CHR2	9932527	CHR2:9932527	SSF x LoA	-11,6724006	0,035	0,296
CHR2	9934080	CHR2:9934080	SSF x LoA	-10,5218477	0,059	0,306
CHR2	9934210	CHR2:9934210	SSF x LoA	-8,60120207	-0,073	0,313
CHR2	9934271	CHR2:9934271	SSF x LoA	-10,6954388	0,133	0,301
CHR2	9934272	CHR2:9934272	SSF x LoA	-5,71020668	0,054	0,304
CHR2	9936261	CHR2:9936261	SSF x LoA	-9,82074933	0,004	0,314
CHR2	9936275	CHR2:9936275	SSF x LoA	-2,95955525	0,002	0,304
CHR2	9936277	CHR2:9936277	SSF x LoA	-9,93705096	0,005	0,307
CHR2	9936447	CHR2:9936447	SSF x LoA	-7,82303274	-0,055	0,318
CHR2	9936473	CHR2:9936473	SSF x LoA	-7,63241991	0,070	0,309
CHR2	9938687	CHR2:9938687	SSF x LoA	-9,52720903	-0,114	0,308
CHR2	9942137	CHR2:9942137	SSF x LoA	-9,72025745	0,056	0,303
CHR2	9942141	CHR2:9942141	SSF x LoA	-11,4378315	0,023	0,294
CHR2	9945125	CHR2:9945125	SSF x LoA	-11,537594	-0,044	0,314
CHR2	9945278	CHR2:9945278	SSF x LoA	-4,71974338	-0,063	0,314
CHR2	9945340	CHR2:9945340	SSF x LoA	-7,35697154	-0,127	0,310
CHR2	9945391	CHR2:9945391	SSF x LoA	-5,76827667	0,154	0,295
CHR2	9963499	CHR2:9963499	SSF x LoA	-8,457682	-0,068	0,301
CHR2	996835	CHR2:996835	SSF x LoA	-10,4823392	0,096	0,304
CHR2	996837	CHR2:996837	SSF x LoA	-11,2435918	-0,026	0,313
CHR2	996889	CHR2:996889	SSF x LoA	-2,12138017	-0,010	0,295
CHR2	996926	CHR2:996926	SSF x LoA	-9,04462172	0,040	0,304

CHR2	9969905	CHR2:9969905	SSF x LoA	-9,44099921	0,093	0,305
CHR2	9970016	CHR2:9970016	SSF x LoA	-6,66395379	-0,147	0,301
CHR2	9970023	CHR2:9970023	SSF x LoA	-9,4792179	-0,032	0,307
CHR2	9970103	CHR2:9970103	SSF x LoA	-8,82593513	-0,150	0,297
CHR2	999155	CHR2:999155	SSF x LoA	-8,35513797	0,086	0,309
CHR2	999231	CHR2:999231	SSF x LoA	-9,29202347	0,014	0,296
CHR2	999285	CHR2:999285	SSF x LoA	-11,2550549	0,100	0,293
CHR2	999376	CHR2:999376	SSF x LoA	-8,90506908	-0,176	0,295
CHR2	9997720	CHR2:9997720	SSF x LoA	-9,97227246	0,111	0,299
CHR2	9998744	CHR2:9998744	SSF x LoA	-8,3726432	-0,072	0,312
CHR2	9998752	CHR2:9998752	SSF x LoA	-5,97927491	0,053	0,304
CHR3	1E+07	CHR3:10019699	SSF x LoA	-9,84419173	-0,051	0,298
CHR3	1E+07	CHR3:10019722	SSF x LoA	-8,74576667	-0,080	0,319
CHR3	1E+07	CHR3:10021188	SSF x LoA	-7,20356965	-0,115	0,293
CHR3	1E+07	CHR3:10021221	SSF x LoA	-9,55638768	-0,176	0,299
CHR3	1E+07	CHR3:10021268	SSF x LoA	-10,4682963	0,062	0,308
CHR3	1002367	CHR3:1002367	SSF x LoA	-9,34249815	-0,027	0,296
CHR3	1002387	CHR3:1002387	SSF x LoA	0,09679716	0,013	0,309
CHR3	1002513	CHR3:1002513	SSF x LoA	-11,0470619	-0,021	0,303
CHR3	1002567	CHR3:1002567	SSF x LoA	-11,2815138	-0,065	0,319
CHR3	1E+07	CHR3:10034150	SSF x LoA	-8,89844893	0,120	0,299
CHR3	1E+07	CHR3:10034268	SSF x LoA	-11,9339325	0,005	0,311
CHR3	1E+07	CHR3:10046814	SSF x LoA	-9,13230321	-0,030	0,316
CHR3	1E+07	CHR3:10047047	SSF x LoA	-9,05806229	-0,053	0,303
CHR3	1E+07	CHR3:10058544	SSF x LoA	-7,78470508	-0,152	0,300
CHR3	1E+07	CHR3:10058646	SSF x LoA	-5,13514747	-0,074	0,310
CHR3	1E+07	CHR3:10058659	SSF x LoA	-5,54472883	0,236	0,285
CHR3	1E+07	CHR3:10058663	SSF x LoA	-9,0171449	-0,076	0,295
CHR3	1E+07	CHR3:10058664	SSF x LoA	-6,67012489	-0,086	0,311
CHR3	1E+07	CHR3:10059605	SSF x LoA	-8,3408352	-0,007	0,309
CHR3	1E+07	CHR3:10059632	SSF x LoA	-6,23395345	-0,167	0,296
CHR3	1E+07	CHR3:10059775	SSF x LoA	-7,66582783	-0,126	0,313
CHR3	1E+07	CHR3:10059804	SSF x LoA	-5,14870002	-0,218	0,290
CHR3	1E+07	CHR3:10059824	SSF x LoA	-6,59925037	-0,155	0,292
CHR3	1E+07	CHR3:10059828	SSF x LoA	-0,71346226	-0,117	0,295
CHR3	1E+07	CHR3:10059851	SSF x LoA	-9,47621465	0,018	0,316
CHR3	1E+07	CHR3:10064105	SSF x LoA	-10,2923415	0,066	0,318
CHR3	1E+07	CHR3:10064132	SSF x LoA	-6,39567169	-0,200	0,284
CHR3	1E+07	CHR3:10064135	SSF x LoA	-9,0803372	0,174	0,288
CHR3	1E+07	CHR3:10064144	SSF x LoA	-4,41604911	-0,189	0,294
CHR3	1E+07	CHR3:10064196	SSF x LoA	-4,29397117	0,032	0,312
CHR3	1006445	CHR3:1006445	SSF x LoA	-9,11020624	0,084	0,302
CHR3	1006464	CHR3:1006464	SSF x LoA	-7,91965065	0,108	0,307
CHR3	1E+07	CHR3:10067546	SSF x LoA	-9,4479101	0,112	0,305
CHR3	1E+07	CHR3:10077099	SSF x LoA	-1,43263862	-0,057	0,302
CHR3	1E+07	CHR3:10077180	SSF x LoA	-8,28914306	0,082	0,315
CHR3	1E+07	CHR3:10091693	SSF x LoA	-9,24353937	0,048	0,293
CHR3	1E+07	CHR3:10091776	SSF x LoA	-8,55417542	-0,092	0,296
CHR3	1E+07	CHR3:10091782	SSF x LoA	-9,5734935	-0,096	0,302
CHR3	1E+07	CHR3:10092085	SSF x LoA	-8,88188988	0,055	0,316
CHR3	1E+07	CHR3:10092091	SSF x LoA	-0,81828505	0,032	0,311
CHR3	1E+07	CHR3:10092097	SSF x LoA	-10,0121607	0,024	0,320
CHR3	1E+07	CHR3:10092154	SSF x LoA	-10,9295873	-0,063	0,293

CHR3	1E+07	CHR3:10092176	SSF x LoA	-8,73990217	0,077	0,305
CHR3	1E+07	CHR3:10094327	SSF x LoA	-10,626886	0,010	0,304
CHR3	1E+07	CHR3:10095252	SSF x LoA	-7,57985017	0,147	0,301
CHR3	1E+07	CHR3:10095363	SSF x LoA	-6,25365519	0,010	0,318
CHR3	1E+07	CHR3:10095961	SSF x LoA	-8,79483363	-0,049	0,303
CHR3	1E+07	CHR3:10096815	SSF x LoA	-8,95607745	0,046	0,308
CHR3	1E+07	CHR3:10096975	SSF x LoA	-9,140482	0,053	0,311
CHR3	1E+07	CHR3:10097054	SSF x LoA	9,52950888	-0,136	0,308
CHR3	1E+07	CHR3:10097062	SSF x LoA	-7,84155632	0,070	0,300
CHR3	1E+07	CHR3:10097076	SSF x LoA	-8,08743555	0,014	0,308
CHR3	1E+07	CHR3:10098418	SSF x LoA	-9,59350948	0,051	0,319
CHR3	1E+07	CHR3:10098461	SSF x LoA	-9,15539674	0,133	0,311
CHR3	1E+07	CHR3:10106498	SSF x LoA	-9,93669042	0,052	0,301
CHR3	1E+07	CHR3:10106574	SSF x LoA	-2,54969475	0,181	0,307
CHR3	1E+07	CHR3:10106584	SSF x LoA	-9,72108114	0,055	0,313
CHR3	1E+07	CHR3:10116135	SSF x LoA	3,00174825	-0,007	0,304
CHR3	1E+07	CHR3:10116145	SSF x LoA	-8,93968621	-0,038	0,305
CHR3	1E+07	CHR3:10116150	SSF x LoA	-10,0961456	0,055	0,309
CHR3	1E+07	CHR3:10120357	SSF x LoA	-7,88809475	0,052	0,309
CHR3	1E+07	CHR3:10130889	SSF x LoA	-10,8581727	0,021	0,306
CHR3	1E+07	CHR3:10141359	SSF x LoA	-11,6999792	0,008	0,302
CHR3	1E+07	CHR3:10141400	SSF x LoA	-10,8511241	-0,009	0,311
CHR3	1E+07	CHR3:10141469	SSF x LoA	-8,87585842	0,062	0,318
CHR3	1E+07	CHR3:10141526	SSF x LoA	-8,61245798	-0,087	0,296
CHR3	1E+07	CHR3:10141712	SSF x LoA	-9,36514899	-0,028	0,312
CHR3	1E+07	CHR3:10158494	SSF x LoA	-9,68085709	0,061	0,303
CHR3	1E+07	CHR3:10160015	SSF x LoA	-10,4948645	-0,027	0,322
CHR3	1E+07	CHR3:10160043	SSF x LoA	-8,54923133	0,038	0,311
CHR3	1E+07	CHR3:10160074	SSF x LoA	-10,5412605	-0,079	0,303
CHR3	1E+07	CHR3:10160103	SSF x LoA	-10,5859995	-0,090	0,304
CHR3	1E+07	CHR3:10160115	SSF x LoA	0,4117002	-0,223	0,306
CHR3	1E+07	CHR3:10160116	SSF x LoA	-8,88497753	0,101	0,320
CHR3	1E+07	CHR3:10160193	SSF x LoA	-10,3057123	-0,061	0,308
CHR3	1E+07	CHR3:10162025	SSF x LoA	-10,8677764	-0,042	0,317
CHR3	1E+07	CHR3:10162028	SSF x LoA	-10,9472848	-0,036	0,310
CHR3	1E+07	CHR3:10162043	SSF x LoA	-10,5893355	-0,049	0,312
CHR3	1E+07	CHR3:10162074	SSF x LoA	-10,1272042	-0,082	0,298
CHR3	1E+07	CHR3:10162085	SSF x LoA	-9,88155331	0,062	0,320
CHR3	1E+07	CHR3:10167040	SSF x LoA	-5,83901504	-0,171	0,296
CHR3	1E+07	CHR3:10167061	SSF x LoA	-8,50494265	0,095	0,300
CHR3	1E+07	CHR3:10167121	SSF x LoA	-9,95988001	-0,009	0,314
CHR3	1E+07	CHR3:10167158	SSF x LoA	-9,56227048	-0,002	0,307
CHR3	1E+07	CHR3:10167163	SSF x LoA	-8,78802613	-0,025	0,304
CHR3	1E+07	CHR3:10167205	SSF x LoA	-11,4520511	0,010	0,304
CHR3	1E+07	CHR3:10167254	SSF x LoA	-9,79554412	-0,031	0,304
CHR3	1E+07	CHR3:10167256	SSF x LoA	-8,59278436	-0,034	0,312
CHR3	1E+07	CHR3:10167287	SSF x LoA	-9,74208187	0,038	0,301
CHR3	1E+07	CHR3:10167303	SSF x LoA	-10,0636504	-0,101	0,294
CHR3	1E+07	CHR3:10170373	SSF x LoA	-7,63298968	-0,159	0,289
CHR3	1E+07	CHR3:10170387	SSF x LoA	-6,39949491	-0,155	0,305
CHR3	1E+07	CHR3:10183412	SSF x LoA	-9,04029706	0,071	0,311
CHR3	1E+07	CHR3:10183507	SSF x LoA	-8,95100952	0,083	0,307
CHR3	1E+07	CHR3:10183516	SSF x LoA	-9,40097959	-0,011	0,324

CHR3	1E+07	CHR3:10183584	SSF x LoA	-10,0875655	-0,070	0,313
CHR3	1E+07	CHR3:10185293	SSF x LoA	-9,7152942	-0,123	0,310
CHR3	1E+07	CHR3:10192985	SSF x LoA	-9,35604592	-0,034	0,303
CHR3	1E+07	CHR3:10192987	SSF x LoA	-7,3550039	-0,041	0,306
CHR3	1E+07	CHR3:10200204	SSF x LoA	-9,24766167	0,017	0,330
CHR3	1E+07	CHR3:10200244	SSF x LoA	-10,3245393	-0,063	0,311
CHR3	1E+07	CHR3:10208037	SSF x LoA	-11,3902859	0,014	0,303
CHR3	1E+07	CHR3:10208051	SSF x LoA	-4,5347422	-0,041	0,308
CHR3	1E+07	CHR3:10208120	SSF x LoA	-5,7894327	0,059	0,310
CHR3	1E+07	CHR3:10208132	SSF x LoA	-3,423827	-0,083	0,310
CHR3	1E+07	CHR3:10208154	SSF x LoA	-6,41747676	0,127	0,310
CHR3	1E+07	CHR3:10208196	SSF x LoA	-9,65354519	-0,034	0,307
CHR3	1E+07	CHR3:10208239	SSF x LoA	-8,30567898	0,019	0,303
CHR3	1E+07	CHR3:10208259	SSF x LoA	-5,49337824	-0,103	0,303
CHR3	1E+07	CHR3:10208263	SSF x LoA	-8,17242334	0,150	0,305
CHR3	1E+07	CHR3:10211969	SSF x LoA	-10,8879337	0,052	0,309
CHR3	1E+07	CHR3:10226786	SSF x LoA	-12,2163283	-0,060	0,306
CHR3	1E+07	CHR3:10230924	SSF x LoA	-11,1606575	0,080	0,314
CHR3	1E+07	CHR3:10230945	SSF x LoA	-11,3892691	0,020	0,300
CHR3	1E+07	CHR3:10231007	SSF x LoA	-9,15819272	0,013	0,304
CHR3	1E+07	CHR3:10232770	SSF x LoA	-9,4825682	-0,026	0,308
CHR3	1E+07	CHR3:10258959	SSF x LoA	-10,835007	0,103	0,309
CHR3	1E+07	CHR3:10289047	SSF x LoA	-11,1268766	0,046	0,306
CHR3	1E+07	CHR3:10289827	SSF x LoA	-8,80567806	0,055	0,311
CHR3	1E+07	CHR3:10289899	SSF x LoA	-11,7058824	-0,016	0,313
CHR3	1E+07	CHR3:10291032	SSF x LoA	-10,4764375	0,088	0,297
CHR3	1E+07	CHR3:10291104	SSF x LoA	-8,58682081	-0,045	0,309
CHR3	1E+07	CHR3:10291108	SSF x LoA	-10,65999	0,018	0,309
CHR3	1E+07	CHR3:10291132	SSF x LoA	-8,89699958	0,076	0,304
CHR3	1E+07	CHR3:10294501	SSF x LoA	-10,116894	0,096	0,306
CHR3	1E+07	CHR3:10294553	SSF x LoA	6,38353047	-0,268	0,288
CHR3	1E+07	CHR3:10299964	SSF x LoA	-10,1497871	0,018	0,294
CHR3	1E+07	CHR3:10299965	SSF x LoA	-9,38198424	0,039	0,300
CHR3	1E+07	CHR3:10299986	SSF x LoA	-10,3764581	-0,187	0,289
CHR3	1E+07	CHR3:10299989	SSF x LoA	-8,18322647	-0,126	0,305
CHR3	1E+07	CHR3:10300003	SSF x LoA	-9,9784042	-0,133	0,273
CHR3	1E+07	CHR3:10326524	SSF x LoA	-10,4572012	-0,120	0,307
CHR3	1E+07	CHR3:10326633	SSF x LoA	-7,40142901	0,111	0,315
CHR3	1E+07	CHR3:10330812	SSF x LoA	-11,9407262	-0,034	0,303
CHR3	1E+07	CHR3:10336554	SSF x LoA	-8,07806757	-0,084	0,306
CHR3	1E+07	CHR3:10342673	SSF x LoA	-7,70870405	-0,057	0,301
CHR3	1E+07	CHR3:10344361	SSF x LoA	-7,74313143	-0,075	0,303
CHR3	1E+07	CHR3:10350817	SSF x LoA	-10,9708097	-0,077	0,310
CHR3	1E+07	CHR3:10375826	SSF x LoA	-11,2043778	-0,074	0,316
CHR3	1E+07	CHR3:10376224	SSF x LoA	-9,78603264	-0,045	0,309
CHR3	1E+07	CHR3:10381826	SSF x LoA	-11,1795645	-0,002	0,301
CHR3	1E+07	CHR3:10381844	SSF x LoA	-11,6083122	0,005	0,309
CHR3	1E+07	CHR3:10381855	SSF x LoA	-10,7439164	-0,074	0,305
CHR3	1E+07	CHR3:10381876	SSF x LoA	-9,05280235	-0,005	0,318
CHR3	1E+07	CHR3:10381889	SSF x LoA	-9,7004432	0,115	0,308
CHR3	1E+07	CHR3:10381960	SSF x LoA	-10,4804091	0,002	0,321
CHR3	1E+07	CHR3:10381965	SSF x LoA	-5,3073528	0,180	0,292
CHR3	1E+07	CHR3:10381978	SSF x LoA	-8,51580502	-0,042	0,320

CHR3	1E+07	CHR3:10390961	SSF x LoA	-8,88302585	0,003	0,312
CHR3	1E+07	CHR3:10391110	SSF x LoA	-8,8401281	0,013	0,327
CHR3	1E+07	CHR3:10414171	SSF x LoA	-10,9625355	-0,006	0,298
CHR3	1E+07	CHR3:10414194	SSF x LoA	-9,20514618	-0,109	0,308
CHR3	1E+07	CHR3:10437984	SSF x LoA	-8,05116643	-0,066	0,306
CHR3	1E+07	CHR3:10438000	SSF x LoA	-9,44886751	0,096	0,305
CHR3	1E+07	CHR3:10438072	SSF x LoA	-7,67576097	-0,053	0,313
CHR3	1E+07	CHR3:10438140	SSF x LoA	-10,4155349	0,009	0,305
CHR3	1E+07	CHR3:10438154	SSF x LoA	-11,4286065	-0,051	0,298
CHR3	1E+07	CHR3:10438185	SSF x LoA	-11,0263874	0,035	0,315
CHR3	1E+07	CHR3:10438192	SSF x LoA	-8,49861586	0,023	0,301
CHR3	1E+07	CHR3:10442097	SSF x LoA	-9,12351131	-0,009	0,310
CHR3	1E+07	CHR3:10442293	SSF x LoA	1,98145515	0,157	0,309
CHR3	1E+07	CHR3:10465603	SSF x LoA	-9,22406813	-0,082	0,304
CHR3	1E+07	CHR3:10465606	SSF x LoA	-10,3513598	-0,002	0,302
CHR3	1E+07	CHR3:10465650	SSF x LoA	-9,17675186	0,021	0,309
CHR3	1E+07	CHR3:10465652	SSF x LoA	-9,51277358	0,029	0,309
CHR3	1E+07	CHR3:10465712	SSF x LoA	-8,26506641	-0,038	0,318
CHR3	1E+07	CHR3:10465762	SSF x LoA	-9,17646841	-0,037	0,313
CHR3	1E+07	CHR3:10465799	SSF x LoA	-11,9316297	0,021	0,298
CHR3	1E+07	CHR3:10465810	SSF x LoA	-8,79720462	0,026	0,301
CHR3	1E+07	CHR3:10465823	SSF x LoA	-9,22531639	-0,079	0,305
CHR3	1E+07	CHR3:10482236	SSF x LoA	-9,59612036	-0,058	0,303
CHR3	1E+07	CHR3:10482285	SSF x LoA	-8,67246736	0,006	0,311
CHR3	1E+07	CHR3:10482331	SSF x LoA	-12,4860917	-0,002	0,308
CHR3	1E+07	CHR3:10485829	SSF x LoA	-4,48429767	0,010	0,314
CHR3	1E+07	CHR3:10485842	SSF x LoA	-8,19237695	-0,031	0,310
CHR3	1E+07	CHR3:10488664	SSF x LoA	-8,65428841	0,108	0,311
CHR3	1E+07	CHR3:10490523	SSF x LoA	-8,14120736	0,014	0,311
CHR3	1E+07	CHR3:10490587	SSF x LoA	-12,0101405	0,031	0,306
CHR3	1E+07	CHR3:10490647	SSF x LoA	-9,38504669	-0,085	0,308
CHR3	1E+07	CHR3:10494173	SSF x LoA	-9,03941677	0,012	0,308
CHR3	1E+07	CHR3:10494176	SSF x LoA	-8,42903395	-0,003	0,315
CHR3	1E+07	CHR3:10494232	SSF x LoA	-7,62208968	0,081	0,299
CHR3	1E+07	CHR3:10494243	SSF x LoA	-7,52354097	-0,079	0,322
CHR3	1E+07	CHR3:10494278	SSF x LoA	-8,94044468	-0,025	0,313
CHR3	10500231	CHR3:10500231	SSF x LoA	-8,53833959	0,022	0,309
CHR3	1050140	CHR3:1050140	SSF x LoA	-7,11843441	0,024	0,299
CHR3	1050153	CHR3:1050153	SSF x LoA	-8,80817351	-0,128	0,305
CHR3	1050184	CHR3:1050184	SSF x LoA	0,58662286	-0,038	0,301
CHR3	1050187	CHR3:1050187	SSF x LoA	-7,73060478	0,138	0,303
CHR3	10502002	CHR3:10502002	SSF x LoA	-7,86637737	-0,118	0,308
CHR3	10502072	CHR3:10502072	SSF x LoA	-8,00385483	-0,044	0,296
CHR3	1050219	CHR3:1050219	SSF x LoA	-8,26776126	-0,014	0,298
CHR3	10505558	CHR3:10505558	SSF x LoA	-11,2230263	0,056	0,296
CHR3	10511313	CHR3:10511313	SSF x LoA	-8,57284899	-0,087	0,304
CHR3	10511356	CHR3:10511356	SSF x LoA	-9,64712287	0,095	0,311
CHR3	10511395	CHR3:10511395	SSF x LoA	-10,1454387	0,004	0,314
CHR3	10511458	CHR3:10511458	SSF x LoA	-10,204061	-0,129	0,314
CHR3	10514984	CHR3:10514984	SSF x LoA	-10,4185011	0,072	0,308
CHR3	10515006	CHR3:10515006	SSF x LoA	-6,69789785	-0,102	0,301
CHR3	10515062	CHR3:10515062	SSF x LoA	-10,6655285	0,091	0,315
CHR3	10515073	CHR3:10515073	SSF x LoA	-7,72627257	0,081	0,308

CHR3	10515128	CHR3:10515128	SSF x LoA	-9,75288508	0,008	0,303
CHR3	10515144	CHR3:10515144	SSF x LoA	-7,83460182	0,068	0,316
CHR3	10515168	CHR3:10515168	SSF x LoA	-4,81893023	-0,043	0,311
CHR3	10515174	CHR3:10515174	SSF x LoA	-8,55703563	-0,014	0,314
CHR3	10515194	CHR3:10515194	SSF x LoA	-7,50585334	-0,002	0,296
CHR3	10515214	CHR3:10515214	SSF x LoA	-6,93539736	-0,028	0,312
CHR3	10515232	CHR3:10515232	SSF x LoA	-6,51503499	-0,021	0,320
CHR3	10517388	CHR3:10517388	SSF x LoA	-7,30956064	0,053	0,316
CHR3	10522728	CHR3:10522728	SSF x LoA	-6,79732141	-0,022	0,300
CHR3	10525057	CHR3:10525057	SSF x LoA	-8,29259745	0,061	0,307
CHR3	10525211	CHR3:10525211	SSF x LoA	-7,08909422	-0,142	0,308
CHR3	10525242	CHR3:10525242	SSF x LoA	-7,5830321	-0,154	0,286
CHR3	10525251	CHR3:10525251	SSF x LoA	-7,74469929	-0,147	0,288
CHR3	10525284	CHR3:10525284	SSF x LoA	-7,08011081	-0,110	0,308
CHR3	10525318	CHR3:10525318	SSF x LoA	-3,47659558	-0,019	0,298
CHR3	10530537	CHR3:10530537	SSF x LoA	-10,4920335	0,086	0,307
CHR3	10530736	CHR3:10530736	SSF x LoA	-8,89211776	-0,037	0,310
CHR3	10530748	CHR3:10530748	SSF x LoA	-11,2356334	-0,051	0,299
CHR3	10536940	CHR3:10536940	SSF x LoA	-9,07239749	0,043	0,316
CHR3	10538782	CHR3:10538782	SSF x LoA	-9,18097121	0,026	0,313
CHR3	10538951	CHR3:10538951	SSF x LoA	-10,4029774	-0,015	0,303
CHR3	10539038	CHR3:10539038	SSF x LoA	-9,54726754	0,053	0,308
CHR3	10545175	CHR3:10545175	SSF x LoA	-10,6425375	-0,014	0,310
CHR3	10553805	CHR3:10553805	SSF x LoA	-11,3027909	0,086	0,311
CHR3	10553810	CHR3:10553810	SSF x LoA	-11,4704987	0,001	0,298
CHR3	10553835	CHR3:10553835	SSF x LoA	-7,90745708	-0,003	0,306
CHR3	10553888	CHR3:10553888	SSF x LoA	-8,8796723	0,000	0,302
CHR3	10554015	CHR3:10554015	SSF x LoA	-10,4863879	-0,016	0,303
CHR3	10559809	CHR3:10559809	SSF x LoA	-8,0944455	-0,202	0,293
CHR3	10559991	CHR3:10559991	SSF x LoA	-10,3716453	0,099	0,312
CHR3	10563600	CHR3:10563600	SSF x LoA	-8,0469172	-0,038	0,301
CHR3	10564962	CHR3:10564962	SSF x LoA	-10,1371561	0,095	0,304
CHR3	10565064	CHR3:10565064	SSF x LoA	-9,83913666	0,071	0,313
CHR3	10565098	CHR3:10565098	SSF x LoA	-9,34445146	-0,005	0,300
CHR3	10586063	CHR3:10586063	SSF x LoA	-8,81545702	0,022	0,295
CHR3	10586071	CHR3:10586071	SSF x LoA	-10,6943165	-0,036	0,306
CHR3	10596793	CHR3:10596793	SSF x LoA	-7,68732836	-0,063	0,313
CHR3	10596865	CHR3:10596865	SSF x LoA	-10,8914173	-0,032	0,313
CHR3	10596923	CHR3:10596923	SSF x LoA	-7,76443817	-0,057	0,319
CHR3	10596968	CHR3:10596968	SSF x LoA	-8,74169761	-0,065	0,310
CHR3	10607944	CHR3:10607944	SSF x LoA	-6,47274277	-0,128	0,287
CHR3	1060832	CHR3:1060832	SSF x LoA	-10,3493191	0,106	0,301
CHR3	10612132	CHR3:10612132	SSF x LoA	-1,57799877	0,190	0,298
CHR3	10617304	CHR3:10617304	SSF x LoA	-10,2887262	0,060	0,308
CHR3	10617314	CHR3:10617314	SSF x LoA	-8,43361822	0,142	0,302
CHR3	10617317	CHR3:10617317	SSF x LoA	-6,21577154	0,024	0,305
CHR3	10617330	CHR3:10617330	SSF x LoA	-10,4769099	-0,003	0,300
CHR3	10617344	CHR3:10617344	SSF x LoA	-9,18546983	0,031	0,292
CHR3	10617368	CHR3:10617368	SSF x LoA	-8,2752059	-0,017	0,311
CHR3	10623153	CHR3:10623153	SSF x LoA	-8,91838074	0,135	0,298
CHR3	10623160	CHR3:10623160	SSF x LoA	-9,23424274	0,050	0,313
CHR3	10633226	CHR3:10633226	SSF x LoA	-7,89943747	0,035	0,306
CHR3	10633235	CHR3:10633235	SSF x LoA	-6,54724859	-0,032	0,294

CHR3	10633251	CHR3:10633251	SSF x LoA	-11,2901751	-0,095	0,295
CHR3	10633264	CHR3:10633264	SSF x LoA	-9,53776429	-0,088	0,292
CHR3	10633289	CHR3:10633289	SSF x LoA	-7,99163213	-0,121	0,294
CHR3	10633290	CHR3:10633290	SSF x LoA	-8,65443689	-0,133	0,303
CHR3	10633425	CHR3:10633425	SSF x LoA	-9,02560435	-0,062	0,312
CHR3	10633433	CHR3:10633433	SSF x LoA	-11,2080983	-0,021	0,309
CHR3	10638958	CHR3:10638958	SSF x LoA	-8,27881865	0,149	0,298
CHR3	10639028	CHR3:10639028	SSF x LoA	-6,55052398	0,169	0,280
CHR3	10639196	CHR3:10639196	SSF x LoA	-8,60094864	-0,132	0,297
CHR3	10640201	CHR3:10640201	SSF x LoA	-10,6783936	0,096	0,309
CHR3	1064549	CHR3:1064549	SSF x LoA	-1,03020155	-0,054	0,317
CHR3	1064552	CHR3:1064552	SSF x LoA	-9,01819792	-0,028	0,295
CHR3	10660239	CHR3:10660239	SSF x LoA	-8,38018042	0,055	0,297
CHR3	10660240	CHR3:10660240	SSF x LoA	-9,0439996	0,084	0,302
CHR3	10660241	CHR3:10660241	SSF x LoA	-9,20639726	0,080	0,298
CHR3	10660262	CHR3:10660262	SSF x LoA	-9,04455121	0,067	0,289
CHR3	10660331	CHR3:10660331	SSF x LoA	-12,3075987	0,009	0,301
CHR3	1066934	CHR3:1066934	SSF x LoA	-10,0059162	0,113	0,295
CHR3	1066984	CHR3:1066984	SSF x LoA	-4,77094869	0,194	0,284
CHR3	1067060	CHR3:1067060	SSF x LoA	-9,78502035	0,072	0,303
CHR3	1067074	CHR3:1067074	SSF x LoA	-8,77167294	0,063	0,290
CHR3	10675403	CHR3:10675403	SSF x LoA	-7,76253765	0,020	0,305
CHR3	10675417	CHR3:10675417	SSF x LoA	-8,01105771	-0,058	0,323
CHR3	10675529	CHR3:10675529	SSF x LoA	-10,4168214	0,005	0,304
CHR3	10681693	CHR3:10681693	SSF x LoA	-6,71795399	-0,045	0,311
CHR3	10681697	CHR3:10681697	SSF x LoA	-8,39264291	-0,036	0,321
CHR3	10681699	CHR3:10681699	SSF x LoA	-8,48614511	-0,047	0,293
CHR3	10681750	CHR3:10681750	SSF x LoA	-10,038267	0,024	0,315
CHR3	10691977	CHR3:10691977	SSF x LoA	-9,01943953	0,008	0,309
CHR3	10692008	CHR3:10692008	SSF x LoA	-9,83599163	0,010	0,307
CHR3	10692149	CHR3:10692149	SSF x LoA	-6,76198374	-0,042	0,329
CHR3	10692190	CHR3:10692190	SSF x LoA	-10,7744663	-0,072	0,307
CHR3	1070804	CHR3:1070804	SSF x LoA	-11,2161902	-0,001	0,305
CHR3	1070863	CHR3:1070863	SSF x LoA	-8,24244696	-0,016	0,311
CHR3	1070865	CHR3:1070865	SSF x LoA	-11,5633954	-0,052	0,311
CHR3	1070899	CHR3:1070899	SSF x LoA	-10,6786042	-0,072	0,306
CHR3	1070915	CHR3:1070915	SSF x LoA	-11,1386997	0,043	0,311
CHR3	10709561	CHR3:10709561	SSF x LoA	-9,37442215	-0,069	0,329
CHR3	1070964	CHR3:1070964	SSF x LoA	-9,13785039	-0,099	0,304
CHR3	10718384	CHR3:10718384	SSF x LoA	-10,852817	0,096	0,314
CHR3	10734916	CHR3:10734916	SSF x LoA	-9,23519944	0,041	0,317
CHR3	10734917	CHR3:10734917	SSF x LoA	-8,21912584	0,053	0,312
CHR3	10734928	CHR3:10734928	SSF x LoA	-7,5846473	-0,107	0,323
CHR3	10734986	CHR3:10734986	SSF x LoA	-5,63201999	-0,103	0,299
CHR3	10735134	CHR3:10735134	SSF x LoA	-9,50118853	-0,054	0,306
CHR3	10743513	CHR3:10743513	SSF x LoA	-4,39870511	-0,179	0,297
CHR3	10743570	CHR3:10743570	SSF x LoA	-11,4690916	-0,033	0,297
CHR3	10743608	CHR3:10743608	SSF x LoA	-8,37244144	0,177	0,308
CHR3	10743684	CHR3:10743684	SSF x LoA	-9,44699108	0,090	0,302
CHR3	10755492	CHR3:10755492	SSF x LoA	-10,6573964	-0,005	0,309
CHR3	10755520	CHR3:10755520	SSF x LoA	-8,88088306	0,177	0,295
CHR3	10755583	CHR3:10755583	SSF x LoA	-9,45047054	-0,055	0,291
CHR3	10755611	CHR3:10755611	SSF x LoA	-7,12324022	-0,110	0,292

CHR3	10766045	CHR3:10766045	SSF x LoA	-9,15193729	0,008	0,297
CHR3	10766053	CHR3:10766053	SSF x LoA	-8,53909072	-0,020	0,296
CHR3	10771873	CHR3:10771873	SSF x LoA	-5,73831578	-0,098	0,316
CHR3	10772340	CHR3:10772340	SSF x LoA	-8,9907142	0,055	0,303
CHR3	10772347	CHR3:10772347	SSF x LoA	-8,65749651	-0,040	0,323
CHR3	10777668	CHR3:10777668	SSF x LoA	-6,90364985	-0,023	0,317
CHR3	10777710	CHR3:10777710	SSF x LoA	-10,8241667	-0,021	0,310
CHR3	10777741	CHR3:10777741	SSF x LoA	-7,99960857	-0,004	0,294
CHR3	10783256	CHR3:10783256	SSF x LoA	-9,17156565	0,012	0,311
CHR3	10783374	CHR3:10783374	SSF x LoA	-10,9681033	-0,115	0,303
CHR3	10787635	CHR3:10787635	SSF x LoA	-8,79897696	-0,039	0,316
CHR3	10787672	CHR3:10787672	SSF x LoA	-10,2420311	-0,107	0,305
CHR3	10787682	CHR3:10787682	SSF x LoA	-9,67658177	0,117	0,307
CHR3	10790333	CHR3:10790333	SSF x LoA	-10,4095837	-0,047	0,309
CHR3	10793508	CHR3:10793508	SSF x LoA	-8,64422081	-0,028	0,294
CHR3	10793516	CHR3:10793516	SSF x LoA	-8,89022091	-0,011	0,306
CHR3	10793521	CHR3:10793521	SSF x LoA	-8,36564425	-0,027	0,309
CHR3	10793535	CHR3:10793535	SSF x LoA	-7,44720131	-0,035	0,320
CHR3	10793613	CHR3:10793613	SSF x LoA	-6,68859558	0,074	0,305
CHR3	10793692	CHR3:10793692	SSF x LoA	-8,12096893	-0,073	0,319
CHR3	10793723	CHR3:10793723	SSF x LoA	-4,65354864	0,117	0,309
CHR3	10793756	CHR3:10793756	SSF x LoA	-9,42109592	-0,031	0,312
CHR3	10802054	CHR3:10802054	SSF x LoA	-10,6441211	-0,014	0,304
CHR3	10802102	CHR3:10802102	SSF x LoA	-12,2645703	0,025	0,294
CHR3	10802142	CHR3:10802142	SSF x LoA	-10,5528286	0,017	0,304
CHR3	10802233	CHR3:10802233	SSF x LoA	-8,54909789	0,060	0,308
CHR3	10802248	CHR3:10802248	SSF x LoA	-6,84012667	0,065	0,322
CHR3	1080735	CHR3:1080735	SSF x LoA	-8,13661797	-0,042	0,327
CHR3	1080757	CHR3:1080757	SSF x LoA	-11,3615095	0,021	0,300
CHR3	1080770	CHR3:1080770	SSF x LoA	-8,96246889	-0,003	0,317
CHR3	1080792	CHR3:1080792	SSF x LoA	-11,3446865	0,041	0,308
CHR3	1080869	CHR3:1080869	SSF x LoA	-11,4029827	-0,018	0,314
CHR3	10811342	CHR3:10811342	SSF x LoA	-9,23390352	0,008	0,311
CHR3	10835751	CHR3:10835751	SSF x LoA	-7,06147213	-0,026	0,320
CHR3	10835828	CHR3:10835828	SSF x LoA	-9,7423177	-0,010	0,315
CHR3	10835830	CHR3:10835830	SSF x LoA	-7,99182338	-0,061	0,313
CHR3	10835833	CHR3:10835833	SSF x LoA	-8,32634847	-0,027	0,316
CHR3	10835841	CHR3:10835841	SSF x LoA	-10,6868717	-0,047	0,310
CHR3	1085500	CHR3:1085500	SSF x LoA	-12,0351248	0,032	0,297
CHR3	1085601	CHR3:1085601	SSF x LoA	-11,9951849	0,071	0,300
CHR3	1085618	CHR3:1085618	SSF x LoA	-9,37795078	0,010	0,299
CHR3	10872577	CHR3:10872577	SSF x LoA	-10,50619	-0,056	0,304
CHR3	10888038	CHR3:10888038	SSF x LoA	-6,37301181	0,079	0,311
CHR3	10888075	CHR3:10888075	SSF x LoA	-9,13172574	0,053	0,310
CHR3	1089387	CHR3:1089387	SSF x LoA	-9,23781478	0,059	0,311
CHR3	1089390	CHR3:1089390	SSF x LoA	-5,8884386	-0,057	0,294
CHR3	1089392	CHR3:1089392	SSF x LoA	-12,006424	0,060	0,311
CHR3	10894037	CHR3:10894037	SSF x LoA	-8,80826271	0,015	0,318
CHR3	10894085	CHR3:10894085	SSF x LoA	-11,374453	0,069	0,295
CHR3	1089410	CHR3:1089410	SSF x LoA	-8,56568051	0,057	0,306
CHR3	1089411	CHR3:1089411	SSF x LoA	-8,46154003	-0,054	0,303
CHR3	10894247	CHR3:10894247	SSF x LoA	-9,40804505	-0,037	0,305
CHR3	10907658	CHR3:10907658	SSF x LoA	-10,6513051	-0,033	0,311

CHR3	10907869	CHR3:10907869	SSF x LoA	-7,50898569	-0,081	0,305
CHR3	10907911	CHR3:10907911	SSF x LoA	-9,04670797	-0,036	0,301
CHR3	10907921	CHR3:10907921	SSF x LoA	-9,21086654	-0,079	0,308
CHR3	10907936	CHR3:10907936	SSF x LoA	-12,3374347	-0,004	0,307
CHR3	10907937	CHR3:10907937	SSF x LoA	-8,19534633	-0,034	0,315
CHR3	10910241	CHR3:10910241	SSF x LoA	-6,1228486	0,148	0,293
CHR3	10913221	CHR3:10913221	SSF x LoA	-7,33276778	0,116	0,313
CHR3	10913236	CHR3:10913236	SSF x LoA	-8,47621659	-0,083	0,306
CHR3	10913296	CHR3:10913296	SSF x LoA	-10,3867008	-0,061	0,306
CHR3	10917767	CHR3:10917767	SSF x LoA	-8,96983906	-0,086	0,315
CHR3	10927755	CHR3:10927755	SSF x LoA	-9,34408779	-0,070	0,309
CHR3	10934061	CHR3:10934061	SSF x LoA	-12,0943953	-0,012	0,291
CHR3	10934076	CHR3:10934076	SSF x LoA	-11,3713286	-0,036	0,304
CHR3	10934085	CHR3:10934085	SSF x LoA	-11,9716313	0,031	0,301
CHR3	10934104	CHR3:10934104	SSF x LoA	-8,54593222	0,106	0,314
CHR3	10934149	CHR3:10934149	SSF x LoA	-9,65899719	0,032	0,315
CHR3	10934171	CHR3:10934171	SSF x LoA	-2,58280821	-0,207	0,294
CHR3	10935853	CHR3:10935853	SSF x LoA	-8,51789868	0,147	0,308
CHR3	10935855	CHR3:10935855	SSF x LoA	-7,12088482	-0,048	0,313
CHR3	10935861	CHR3:10935861	SSF x LoA	-5,76604399	-0,083	0,314
CHR3	10935919	CHR3:10935919	SSF x LoA	-7,31855351	0,086	0,315
CHR3	10935934	CHR3:10935934	SSF x LoA	-6,99337037	-0,002	0,325
CHR3	10936008	CHR3:10936008	SSF x LoA	-8,95690824	0,066	0,314
CHR3	10936012	CHR3:10936012	SSF x LoA	-8,70758103	-0,086	0,314
CHR3	10936042	CHR3:10936042	SSF x LoA	-9,20980452	0,047	0,312
CHR3	10950634	CHR3:10950634	SSF x LoA	-9,95684376	0,034	0,307
CHR3	10961350	CHR3:10961350	SSF x LoA	-4,1404169	0,197	0,302
CHR3	1096322	CHR3:1096322	SSF x LoA	-9,03848543	0,012	0,314
CHR3	10969716	CHR3:10969716	SSF x LoA	-10,6184464	0,107	0,311
CHR3	10969778	CHR3:10969778	SSF x LoA	-10,6264864	0,074	0,305
CHR3	10974476	CHR3:10974476	SSF x LoA	-8,75111292	0,028	0,311
CHR3	10974514	CHR3:10974514	SSF x LoA	-10,6599599	-0,050	0,318
CHR3	10990611	CHR3:10990611	SSF x LoA	-8,49129201	0,037	0,307
CHR3	10990741	CHR3:10990741	SSF x LoA	-10,229519	0,084	0,309
CHR3	10990766	CHR3:10990766	SSF x LoA	-9,01919869	0,087	0,315
CHR3	10990801	CHR3:10990801	SSF x LoA	-6,33543813	0,082	0,318
CHR3	10990802	CHR3:10990802	SSF x LoA	-10,6118174	0,026	0,299
CHR3	10995252	CHR3:10995252	SSF x LoA	-9,61772634	-0,045	0,310
CHR3	10995302	CHR3:10995302	SSF x LoA	-8,93833672	0,048	0,302
CHR3	11004707	CHR3:11004707	SSF x LoA	-11,8077201	0,016	0,305
CHR3	11004750	CHR3:11004750	SSF x LoA	-4,76816871	-0,062	0,309
CHR3	11006256	CHR3:11006256	SSF x LoA	-8,78479259	-0,063	0,293
CHR3	11008798	CHR3:11008798	SSF x LoA	-10,7032893	-0,031	0,298
CHR3	11008863	CHR3:11008863	SSF x LoA	-9,60439785	-0,059	0,318
CHR3	11014885	CHR3:11014885	SSF x LoA	-7,4308758	-0,025	0,328
CHR3	11015202	CHR3:11015202	SSF x LoA	-11,3347785	0,038	0,310
CHR3	11025483	CHR3:11025483	SSF x LoA	-7,83363611	-0,038	0,307
CHR3	11030453	CHR3:11030453	SSF x LoA	-7,94326291	0,063	0,297
CHR3	11030537	CHR3:11030537	SSF x LoA	-9,75549381	0,007	0,305
CHR3	11115958	CHR3:11115958	SSF x LoA	-8,62905512	-0,002	0,308
CHR3	11138624	CHR3:11138624	SSF x LoA	-11,3390816	0,036	0,303
CHR3	11142849	CHR3:11142849	SSF x LoA	-9,11596815	-0,082	0,300
CHR3	11142929	CHR3:11142929	SSF x LoA	-9,9088586	0,141	0,289

CHR3	11151288	CHR3:11151288	SSF x LoA	-3,59735222	-0,156	0,302
CHR3	11151297	CHR3:11151297	SSF x LoA	-9,66711205	0,019	0,310
CHR3	11153309	CHR3:11153309	SSF x LoA	-11,6127019	0,040	0,316
CHR3	11166584	CHR3:11166584	SSF x LoA	-10,0793839	-0,041	0,311
CHR3	11166667	CHR3:11166667	SSF x LoA	-7,6446585	0,034	0,311
CHR3	1116946	CHR3:1116946	SSF x LoA	-11,6279322	-0,014	0,302
CHR3	1116975	CHR3:1116975	SSF x LoA	-10,2666772	0,039	0,294
CHR3	11176075	CHR3:11176075	SSF x LoA	-8,21081212	0,143	0,305
CHR3	11176103	CHR3:11176103	SSF x LoA	-10,4842293	0,092	0,316
CHR3	11176108	CHR3:11176108	SSF x LoA	-11,0799673	0,041	0,304
CHR3	11176119	CHR3:11176119	SSF x LoA	-10,8644892	0,065	0,300
CHR3	11176130	CHR3:11176130	SSF x LoA	-9,35404702	-0,090	0,309
CHR3	11176839	CHR3:11176839	SSF x LoA	-7,78704007	0,024	0,332
CHR3	11196127	CHR3:11196127	SSF x LoA	-11,594718	-0,006	0,304
CHR3	11196337	CHR3:11196337	SSF x LoA	-9,25113634	-0,011	0,323
CHR3	1120889	CHR3:1120889	SSF x LoA	-10,0858983	0,017	0,311
CHR3	11210559	CHR3:11210559	SSF x LoA	-9,72836279	0,122	0,314
CHR3	11210782	CHR3:11210782	SSF x LoA	-9,0926558	0,126	0,306
CHR3	11212173	CHR3:11212173	SSF x LoA	-11,899469	-0,041	0,309
CHR3	11213730	CHR3:11213730	SSF x LoA	-9,36276996	0,023	0,310
CHR3	11213867	CHR3:11213867	SSF x LoA	-5,39086932	-0,086	0,295
CHR3	11219195	CHR3:11219195	SSF x LoA	-9,7108057	0,050	0,305
CHR3	11219273	CHR3:11219273	SSF x LoA	-8,65811741	0,161	0,294
CHR3	11219291	CHR3:11219291	SSF x LoA	-6,93148558	-0,206	0,302
CHR3	11220837	CHR3:11220837	SSF x LoA	-9,19340494	-0,154	0,299
CHR3	11220929	CHR3:11220929	SSF x LoA	-7,46670426	-0,143	0,296
CHR3	11220983	CHR3:11220983	SSF x LoA	-11,3962675	0,039	0,308
CHR3	11221035	CHR3:11221035	SSF x LoA	-10,6164257	0,051	0,301
CHR3	11225062	CHR3:11225062	SSF x LoA	-11,3213704	-0,041	0,308
CHR3	11228657	CHR3:11228657	SSF x LoA	-11,8373852	0,054	0,314
CHR3	11228785	CHR3:11228785	SSF x LoA	-10,242185	-0,020	0,285
CHR3	11248529	CHR3:11248529	SSF x LoA	-9,50940462	0,059	0,302
CHR3	11269946	CHR3:11269946	SSF x LoA	-8,88502884	0,011	0,311
CHR3	11275829	CHR3:11275829	SSF x LoA	-10,0264099	-0,042	0,305
CHR3	11275843	CHR3:11275843	SSF x LoA	-10,2062859	-0,048	0,307
CHR3	11275869	CHR3:11275869	SSF x LoA	-7,96925005	0,043	0,298
CHR3	11275969	CHR3:11275969	SSF x LoA	-7,24783123	-0,042	0,338
CHR3	11275983	CHR3:11275983	SSF x LoA	-6,51536006	-0,024	0,318
CHR3	11283834	CHR3:11283834	SSF x LoA	-10,5129086	-0,080	0,303
CHR3	11283838	CHR3:11283838	SSF x LoA	-8,10935967	-0,137	0,300
CHR3	11283842	CHR3:11283842	SSF x LoA	-8,80259153	-0,102	0,302
CHR3	11283862	CHR3:11283862	SSF x LoA	-10,0549618	-0,094	0,312
CHR3	11295469	CHR3:11295469	SSF x LoA	-8,50201695	-0,007	0,307
CHR3	11309759	CHR3:11309759	SSF x LoA	-9,1528176	0,002	0,317
CHR3	11311449	CHR3:11311449	SSF x LoA	-8,16737432	0,031	0,320
CHR3	11311450	CHR3:11311450	SSF x LoA	-7,19646369	0,040	0,312
CHR3	11311464	CHR3:11311464	SSF x LoA	-8,99105039	0,006	0,316
CHR3	11311500	CHR3:11311500	SSF x LoA	-9,25150597	0,021	0,306
CHR3	11311577	CHR3:11311577	SSF x LoA	-8,93959129	-0,027	0,306
CHR3	11319137	CHR3:11319137	SSF x LoA	-6,34818716	0,161	0,287
CHR3	11322379	CHR3:11322379	SSF x LoA	-7,54628629	0,115	0,313
CHR3	11322388	CHR3:11322388	SSF x LoA	-2,15915721	0,146	0,305
CHR3	11332597	CHR3:11332597	SSF x LoA	-9,76764682	-0,060	0,295

CHR3	11332692	CHR3:11332692	SSF x LoA	-11,411225	-0,038	0,305
CHR3	11339680	CHR3:11339680	SSF x LoA	-8,99368615	-0,050	0,317
CHR3	11339683	CHR3:11339683	SSF x LoA	-11,0338781	-0,090	0,299
CHR3	11339763	CHR3:11339763	SSF x LoA	-12,1230027	-0,059	0,298
CHR3	11339921	CHR3:11339921	SSF x LoA	-10,8009801	-0,059	0,309
CHR3	11342767	CHR3:11342767	SSF x LoA	-6,73673182	0,044	0,313
CHR3	11348230	CHR3:11348230	SSF x LoA	-8,54838529	-0,041	0,317
CHR3	11348567	CHR3:11348567	SSF x LoA	-7,63677708	0,008	0,305
CHR3	11352281	CHR3:11352281	SSF x LoA	-9,31116717	0,001	0,302
CHR3	11369194	CHR3:11369194	SSF x LoA	-4,55306493	-0,204	0,305
CHR3	11369217	CHR3:11369217	SSF x LoA	-9,52854278	0,055	0,292
CHR3	11392065	CHR3:11392065	SSF x LoA	-8,56537616	-0,042	0,315
CHR3	11392131	CHR3:11392131	SSF x LoA	-6,82075199	-0,136	0,307
CHR3	11392132	CHR3:11392132	SSF x LoA	-6,50544348	-0,083	0,314
CHR3	11393629	CHR3:11393629	SSF x LoA	-10,5787698	0,040	0,307
CHR3	11398040	CHR3:11398040	SSF x LoA	4,17939457	0,031	0,330
CHR3	11398076	CHR3:11398076	SSF x LoA	-9,54279762	0,025	0,306
CHR3	11398723	CHR3:11398723	SSF x LoA	-8,20690938	0,127	0,282
CHR3	11398754	CHR3:11398754	SSF x LoA	-9,14003124	-0,091	0,305
CHR3	11398846	CHR3:11398846	SSF x LoA	-10,1798454	-0,035	0,317
CHR3	11412033	CHR3:11412033	SSF x LoA	-8,89828683	-0,041	0,308
CHR3	11412064	CHR3:11412064	SSF x LoA	-8,26212109	-0,096	0,312
CHR3	11412078	CHR3:11412078	SSF x LoA	-10,0121422	-0,006	0,314
CHR3	11417690	CHR3:11417690	SSF x LoA	-9,70588627	-0,040	0,318
CHR3	11417717	CHR3:11417717	SSF x LoA	-9,10134935	0,016	0,306
CHR3	11417808	CHR3:11417808	SSF x LoA	-8,94895854	-0,020	0,315
CHR3	11417818	CHR3:11417818	SSF x LoA	-7,49310259	-0,005	0,310
CHR3	11417820	CHR3:11417820	SSF x LoA	-7,99441049	-0,041	0,309
CHR3	11417825	CHR3:11417825	SSF x LoA	-10,9610327	0,044	0,318
CHR3	11417828	CHR3:11417828	SSF x LoA	-10,2019277	-0,020	0,309
CHR3	11417830	CHR3:11417830	SSF x LoA	-9,87345038	-0,063	0,300
CHR3	11417939	CHR3:11417939	SSF x LoA	-8,99488482	0,010	0,297
CHR3	11418004	CHR3:11418004	SSF x LoA	-9,70517536	-0,043	0,300
CHR3	11426838	CHR3:11426838	SSF x LoA	-8,35233473	-0,073	0,316
CHR3	11426864	CHR3:11426864	SSF x LoA	-8,35884945	0,136	0,307
CHR3	11432183	CHR3:11432183	SSF x LoA	-8,37452514	0,172	0,307
CHR3	11432970	CHR3:11432970	SSF x LoA	-10,601877	-0,034	0,307
CHR3	11432971	CHR3:11432971	SSF x LoA	-10,7222668	-0,034	0,305
CHR3	11440213	CHR3:11440213	SSF x LoA	-10,0347692	-0,004	0,307
CHR3	11440308	CHR3:11440308	SSF x LoA	-11,2054626	-0,001	0,306
CHR3	11440320	CHR3:11440320	SSF x LoA	-8,00220667	-0,035	0,318
CHR3	11440337	CHR3:11440337	SSF x LoA	-8,68450057	-0,064	0,300
CHR3	11440361	CHR3:11440361	SSF x LoA	-5,05517016	-0,007	0,315
CHR3	11440377	CHR3:11440377	SSF x LoA	-8,7593508	-0,095	0,303
CHR3	11440383	CHR3:11440383	SSF x LoA	-8,24196889	-0,033	0,311
CHR3	11441385	CHR3:11441385	SSF x LoA	-5,1712927	-0,125	0,313
CHR3	1144825	CHR3:1144825	SSF x LoA	-9,35090604	0,083	0,312
CHR3	11455881	CHR3:11455881	SSF x LoA	-10,8870839	-0,013	0,318
CHR3	11465030	CHR3:11465030	SSF x LoA	-10,5025664	-0,002	0,317
CHR3	114897	CHR3:114897	SSF x LoA	-10,6786124	0,010	0,305
CHR3	114933	CHR3:114933	SSF x LoA	-7,44238601	0,074	0,312
CHR3	11496631	CHR3:11496631	SSF x LoA	-9,74967821	-0,019	0,302
CHR3	11523784	CHR3:11523784	SSF x LoA	-9,62975161	-0,064	0,306

CHR3	11525677	CHR3:11525677	SSF x LoA	-11,8393712	0,038	0,303
CHR3	11530261	CHR3:11530261	SSF x LoA	-9,62006401	0,083	0,317
CHR3	11530270	CHR3:11530270	SSF x LoA	-9,67091369	0,007	0,297
CHR3	11534358	CHR3:11534358	SSF x LoA	-7,92485691	-0,029	0,306
CHR3	1154123	CHR3:1154123	SSF x LoA	-10,4204726	0,039	0,312
CHR3	1154143	CHR3:1154143	SSF x LoA	-11,5062182	0,032	0,304
CHR3	11542212	CHR3:11542212	SSF x LoA	-6,25667922	0,211	0,284
CHR3	11542414	CHR3:11542414	SSF x LoA	-8,17287277	-0,056	0,294
CHR3	11544036	CHR3:11544036	SSF x LoA	-10,9906686	0,076	0,298
CHR3	11544051	CHR3:11544051	SSF x LoA	-8,83078667	-0,046	0,311
CHR3	11544090	CHR3:11544090	SSF x LoA	-9,65275317	-0,092	0,312
CHR3	11544117	CHR3:11544117	SSF x LoA	-8,98089786	-0,167	0,298
CHR3	11544183	CHR3:11544183	SSF x LoA	-10,8707508	0,035	0,312
CHR3	11544209	CHR3:11544209	SSF x LoA	-8,3871464	-0,106	0,308
CHR3	11546199	CHR3:11546199	SSF x LoA	-7,70271676	0,194	0,288
CHR3	11546281	CHR3:11546281	SSF x LoA	-7,32394124	0,004	0,319
CHR3	11546311	CHR3:11546311	SSF x LoA	-8,40721618	0,116	0,286
CHR3	11546329	CHR3:11546329	SSF x LoA	-8,79271975	-0,133	0,306
CHR3	11549831	CHR3:11549831	SSF x LoA	-8,90660801	0,058	0,300
CHR3	11553897	CHR3:11553897	SSF x LoA	-10,6237495	-0,098	0,311
CHR3	11553900	CHR3:11553900	SSF x LoA	-8,88790539	0,001	0,304
CHR3	11554519	CHR3:11554519	SSF x LoA	-10,0109501	-0,011	0,312
CHR3	11555221	CHR3:11555221	SSF x LoA	-9,03600034	-0,081	0,301
CHR3	11555258	CHR3:11555258	SSF x LoA	-6,57000954	-0,028	0,308
CHR3	11555272	CHR3:11555272	SSF x LoA	-9,35730785	-0,035	0,304
CHR3	11562699	CHR3:11562699	SSF x LoA	-7,10775181	0,103	0,310
CHR3	11562745	CHR3:11562745	SSF x LoA	-8,50716585	-0,052	0,310
CHR3	11562798	CHR3:11562798	SSF x LoA	-9,16901156	-0,092	0,299
CHR3	11562812	CHR3:11562812	SSF x LoA	-11,5924619	-0,035	0,300
CHR3	11562814	CHR3:11562814	SSF x LoA	-10,9696606	-0,041	0,311
CHR3	11571225	CHR3:11571225	SSF x LoA	-8,91603509	0,083	0,296
CHR3	11571358	CHR3:11571358	SSF x LoA	-9,0695338	0,060	0,306
CHR3	11571400	CHR3:11571400	SSF x LoA	-10,6736006	0,038	0,312
CHR3	11583284	CHR3:11583284	SSF x LoA	-4,41667095	-0,101	0,291
CHR3	11583325	CHR3:11583325	SSF x LoA	-9,61109534	0,023	0,314
CHR3	11583338	CHR3:11583338	SSF x LoA	-9,41960659	-0,034	0,312
CHR3	11583355	CHR3:11583355	SSF x LoA	-11,9732508	0,010	0,319
CHR3	11583366	CHR3:11583366	SSF x LoA	-10,3740579	0,096	0,310
CHR3	11583393	CHR3:11583393	SSF x LoA	-10,5501706	-0,062	0,298
CHR3	11583401	CHR3:11583401	SSF x LoA	-8,75010029	0,086	0,311
CHR3	11583444	CHR3:11583444	SSF x LoA	-10,4245466	0,071	0,299
CHR3	11583445	CHR3:11583445	SSF x LoA	-10,5221998	0,098	0,303
CHR3	11583451	CHR3:11583451	SSF x LoA	-9,47994707	-0,005	0,317
CHR3	11584257	CHR3:11584257	SSF x LoA	-10,1269756	-0,019	0,305
CHR3	11584262	CHR3:11584262	SSF x LoA	-8,21379035	-0,056	0,306
CHR3	11589808	CHR3:11589808	SSF x LoA	-9,8273416	0,022	0,316
CHR3	11589836	CHR3:11589836	SSF x LoA	-9,03076512	0,032	0,312
CHR3	11589903	CHR3:11589903	SSF x LoA	-10,6106119	-0,076	0,305
CHR3	11593492	CHR3:11593492	SSF x LoA	-7,40243339	0,054	0,311
CHR3	11593497	CHR3:11593497	SSF x LoA	-11,1205643	0,049	0,324
CHR3	11593567	CHR3:11593567	SSF x LoA	-6,40514314	0,174	0,301
CHR3	11596586	CHR3:11596586	SSF x LoA	-6,75655558	-0,130	0,305
CHR3	11599341	CHR3:11599341	SSF x LoA	-10,8433446	0,030	0,311

CHR3	11599425	CHR3:11599425	SSF x LoA	-9,46534162	-0,005	0,317
CHR3	11599468	CHR3:11599468	SSF x LoA	-8,64367286	-0,040	0,315
CHR3	11607880	CHR3:11607880	SSF x LoA	-8,5422174	0,056	0,310
CHR3	11608092	CHR3:11608092	SSF x LoA	-8,75281234	-0,074	0,304
CHR3	11608147	CHR3:11608147	SSF x LoA	-6,05994432	-0,143	0,304
CHR3	11608148	CHR3:11608148	SSF x LoA	-4,89367214	-0,138	0,310
CHR3	11618917	CHR3:11618917	SSF x LoA	-6,28544891	-0,060	0,303
CHR3	11619103	CHR3:11619103	SSF x LoA	-8,58884356	0,017	0,300
CHR3	11631174	CHR3:11631174	SSF x LoA	-7,84411452	-0,046	0,321
CHR3	11631178	CHR3:11631178	SSF x LoA	-8,87754758	0,120	0,312
CHR3	11631181	CHR3:11631181	SSF x LoA	-10,4069658	-0,014	0,311
CHR3	11631195	CHR3:11631195	SSF x LoA	-10,8609241	0,007	0,303
CHR3	11631203	CHR3:11631203	SSF x LoA	-8,82395183	-0,010	0,303
CHR3	11631207	CHR3:11631207	SSF x LoA	-8,95463204	0,061	0,294
CHR3	11641458	CHR3:11641458	SSF x LoA	-8,1738661	0,055	0,309
CHR3	11641733	CHR3:11641733	SSF x LoA	-6,32505662	0,017	0,304
CHR3	11641750	CHR3:11641750	SSF x LoA	-4,53665862	-0,073	0,318
CHR3	11655550	CHR3:11655550	SSF x LoA	-8,63014887	-0,004	0,303
CHR3	11655658	CHR3:11655658	SSF x LoA	-5,75075075	0,056	0,319
CHR3	11655735	CHR3:11655735	SSF x LoA	-7,77119954	0,020	0,316
CHR3	11655736	CHR3:11655736	SSF x LoA	-10,0935072	0,001	0,300
CHR3	11659121	CHR3:11659121	SSF x LoA	-9,22982618	-0,020	0,296
CHR3	11659238	CHR3:11659238	SSF x LoA	-8,52271095	0,004	0,309
CHR3	11661734	CHR3:11661734	SSF x LoA	-8,50755215	0,004	0,312
CHR3	11661748	CHR3:11661748	SSF x LoA	-7,05882493	0,131	0,292
CHR3	11661772	CHR3:11661772	SSF x LoA	-7,84794534	0,199	0,289
CHR3	11661773	CHR3:11661773	SSF x LoA	-6,47401559	0,197	0,294
CHR3	11661842	CHR3:11661842	SSF x LoA	-8,47079773	0,009	0,308
CHR3	11661846	CHR3:11661846	SSF x LoA	-8,29446721	0,029	0,314
CHR3	11664604	CHR3:11664604	SSF x LoA	-10,8092389	-0,036	0,299
CHR3	11664617	CHR3:11664617	SSF x LoA	-8,89033061	-0,006	0,308
CHR3	11664624	CHR3:11664624	SSF x LoA	-5,05540181	-0,010	0,310
CHR3	11664625	CHR3:11664625	SSF x LoA	-8,5364878	0,156	0,292
CHR3	11664722	CHR3:11664722	SSF x LoA	-10,1771756	0,101	0,299
CHR3	11664730	CHR3:11664730	SSF x LoA	-8,22342615	0,142	0,290
CHR3	11664744	CHR3:11664744	SSF x LoA	-10,1905117	-0,047	0,299
CHR3	11664758	CHR3:11664758	SSF x LoA	-8,96448833	0,016	0,313
CHR3	11664778	CHR3:11664778	SSF x LoA	-8,69955389	-0,008	0,311
CHR3	11664878	CHR3:11664878	SSF x LoA	-11,3475561	-0,024	0,304
CHR3	11668139	CHR3:11668139	SSF x LoA	-8,26762243	0,140	0,305
CHR3	11668153	CHR3:11668153	SSF x LoA	-9,72116068	-0,072	0,322
CHR3	11668263	CHR3:11668263	SSF x LoA	-7,58914731	-0,052	0,294
CHR3	11672009	CHR3:11672009	SSF x LoA	-6,61666504	0,144	0,302
CHR3	11676230	CHR3:11676230	SSF x LoA	-8,43975997	0,118	0,301
CHR3	11676399	CHR3:11676399	SSF x LoA	-9,66092346	-0,037	0,305
CHR3	11679966	CHR3:11679966	SSF x LoA	-10,8146223	0,056	0,311
CHR3	11679972	CHR3:11679972	SSF x LoA	-10,4874125	0,063	0,315
CHR3	11680027	CHR3:11680027	SSF x LoA	-6,37433704	-0,173	0,293
CHR3	11680078	CHR3:11680078	SSF x LoA	-9,03713177	0,012	0,306
CHR3	11680124	CHR3:11680124	SSF x LoA	-11,2186668	-0,002	0,297
CHR3	11680129	CHR3:11680129	SSF x LoA	-11,7079996	-0,057	0,296
CHR3	11682179	CHR3:11682179	SSF x LoA	-9,77675306	-0,110	0,295
CHR3	11692648	CHR3:11692648	SSF x LoA	-8,20130006	0,040	0,320

CHR3	11692768	CHR3:11692768	SSF x LoA	-8,86161647	-0,083	0,304
CHR3	11693813	CHR3:11693813	SSF x LoA	-10,5033529	-0,081	0,295
CHR3	11693836	CHR3:11693836	SSF x LoA	-11,470759	0,014	0,307
CHR3	11693846	CHR3:11693846	SSF x LoA	-8,42665399	0,000	0,304
CHR3	11693884	CHR3:11693884	SSF x LoA	-8,3710943	-0,053	0,307
CHR3	11699079	CHR3:11699079	SSF x LoA	-8,76531626	0,044	0,315
CHR3	11699275	CHR3:11699275	SSF x LoA	-10,6105395	0,104	0,302
CHR3	11699375	CHR3:11699375	SSF x LoA	0,13126377	0,137	0,292
CHR3	11699434	CHR3:11699434	SSF x LoA	-8,70766343	-0,141	0,304
CHR3	11707079	CHR3:11707079	SSF x LoA	-10,0170211	0,070	0,306
CHR3	11707918	CHR3:11707918	SSF x LoA	-6,39792896	-0,131	0,314
CHR3	11708037	CHR3:11708037	SSF x LoA	-9,12822355	-0,182	0,292
CHR3	11708243	CHR3:11708243	SSF x LoA	-7,83784896	0,029	0,297
CHR3	11722672	CHR3:11722672	SSF x LoA	-11,6908096	-0,078	0,303
CHR3	11734892	CHR3:11734892	SSF x LoA	-10,6746731	-0,025	0,305
CHR3	11734963	CHR3:11734963	SSF x LoA	-8,09807885	0,052	0,303
CHR3	11734973	CHR3:11734973	SSF x LoA	-11,2355794	0,037	0,304
CHR3	11734974	CHR3:11734974	SSF x LoA	-10,0760792	0,022	0,295
CHR3	11735053	CHR3:11735053	SSF x LoA	-10,3261588	-0,097	0,302
CHR3	11735059	CHR3:11735059	SSF x LoA	-6,48356969	0,026	0,313
CHR3	11738064	CHR3:11738064	SSF x LoA	-7,47038001	0,126	0,310
CHR3	11738136	CHR3:11738136	SSF x LoA	-8,71744734	-0,022	0,321
CHR3	11752326	CHR3:11752326	SSF x LoA	-8,78915702	-0,067	0,307
CHR3	11752328	CHR3:11752328	SSF x LoA	-7,26801381	-0,070	0,303
CHR3	11752329	CHR3:11752329	SSF x LoA	-9,99918759	-0,064	0,295
CHR3	11752416	CHR3:11752416	SSF x LoA	-7,19162769	-0,075	0,303
CHR3	11752436	CHR3:11752436	SSF x LoA	-11,807705	0,018	0,312
CHR3	11765482	CHR3:11765482	SSF x LoA	-10,557117	0,053	0,294
CHR3	11770243	CHR3:11770243	SSF x LoA	-8,89376257	0,105	0,307
CHR3	11770257	CHR3:11770257	SSF x LoA	-9,37287181	0,051	0,310
CHR3	11779936	CHR3:11779936	SSF x LoA	-5,1039531	0,137	0,298
CHR3	11780109	CHR3:11780109	SSF x LoA	-7,41492177	-0,100	0,325
CHR3	11786247	CHR3:11786247	SSF x LoA	-6,9370867	0,115	0,305
CHR3	11786250	CHR3:11786250	SSF x LoA	-8,72059658	0,104	0,315
CHR3	11786413	CHR3:11786413	SSF x LoA	-9,52570576	-0,063	0,316
CHR3	11788346	CHR3:11788346	SSF x LoA	-6,46613883	0,007	0,299
CHR3	11788362	CHR3:11788362	SSF x LoA	-6,91974622	0,020	0,313
CHR3	11788418	CHR3:11788418	SSF x LoA	-6,75270002	0,033	0,325
CHR3	11790404	CHR3:11790404	SSF x LoA	-8,31328588	0,145	0,299
CHR3	11792098	CHR3:11792098	SSF x LoA	-8,55605881	-0,016	0,313
CHR3	11792211	CHR3:11792211	SSF x LoA	-11,6509237	0,019	0,306
CHR3	11796419	CHR3:11796419	SSF x LoA	-6,22036757	0,025	0,319
CHR3	11800739	CHR3:11800739	SSF x LoA	-9,42930905	0,047	0,310
CHR3	11812192	CHR3:11812192	SSF x LoA	-7,4138427	-0,006	0,309
CHR3	11812236	CHR3:11812236	SSF x LoA	-9,88000256	-0,021	0,305
CHR3	11812251	CHR3:11812251	SSF x LoA	-12,3681024	0,029	0,293
CHR3	11812279	CHR3:11812279	SSF x LoA	-7,9000104	0,052	0,305
CHR3	11822735	CHR3:11822735	SSF x LoA	-8,56440052	-0,099	0,308
CHR3	11822944	CHR3:11822944	SSF x LoA	-10,2822222	0,071	0,296
CHR3	11822954	CHR3:11822954	SSF x LoA	-7,18990126	0,052	0,311
CHR3	11822971	CHR3:11822971	SSF x LoA	-5,64845884	0,027	0,314
CHR3	11823004	CHR3:11823004	SSF x LoA	-8,20011716	0,051	0,289
CHR3	11826936	CHR3:11826936	SSF x LoA	-7,55628476	-0,080	0,302

CHR3	11826938	CHR3:11826938	SSF x LoA	-8,24106684	0,080	0,303
CHR3	11826956	CHR3:11826956	SSF x LoA	-8,14653022	0,055	0,299
CHR3	11827990	CHR3:11827990	SSF x LoA	-7,9050188	-0,004	0,308
CHR3	11828022	CHR3:11828022	SSF x LoA	-10,4051135	0,062	0,301
CHR3	11828023	CHR3:11828023	SSF x LoA	-11,1811891	0,055	0,303
CHR3	11828024	CHR3:11828024	SSF x LoA	-11,0408002	0,065	0,312
CHR3	11832594	CHR3:11832594	SSF x LoA	-9,76469788	0,007	0,305
CHR3	11832607	CHR3:11832607	SSF x LoA	-8,26936674	-0,073	0,308
CHR3	11832776	CHR3:11832776	SSF x LoA	-10,2571276	-0,005	0,296
CHR3	11832827	CHR3:11832827	SSF x LoA	-8,44625618	0,049	0,299
CHR3	11832838	CHR3:11832838	SSF x LoA	-11,8799616	-0,002	0,306
CHR3	11832848	CHR3:11832848	SSF x LoA	9,66756957	-0,051	0,311
CHR3	118465	CHR3:118465	SSF x LoA	-9,42024625	-0,136	0,314
CHR3	11847622	CHR3:11847622	SSF x LoA	-8,46649497	-0,113	0,293
CHR3	11847632	CHR3:11847632	SSF x LoA	-9,13285282	-0,014	0,305
CHR3	11850801	CHR3:11850801	SSF x LoA	-9,43457851	-0,003	0,300
CHR3	11850813	CHR3:11850813	SSF x LoA	-7,27023088	-0,099	0,297
CHR3	11850864	CHR3:11850864	SSF x LoA	-8,03810943	-0,010	0,329
CHR3	11850951	CHR3:11850951	SSF x LoA	-10,2228908	-0,034	0,300
CHR3	11851041	CHR3:11851041	SSF x LoA	-11,5647765	-0,058	0,304
CHR3	11851108	CHR3:11851108	SSF x LoA	-9,4287465	0,059	0,320
CHR3	11859714	CHR3:11859714	SSF x LoA	-11,2472765	-0,140	0,290
CHR3	11859862	CHR3:11859862	SSF x LoA	-5,56735792	-0,128	0,297
CHR3	11869612	CHR3:11869612	SSF x LoA	-9,79616117	0,009	0,310
CHR3	11869721	CHR3:11869721	SSF x LoA	-9,51449183	-0,064	0,310
CHR3	11869727	CHR3:11869727	SSF x LoA	-10,2408199	-0,051	0,305
CHR3	11869859	CHR3:11869859	SSF x LoA	-10,2878692	0,004	0,290
CHR3	11869864	CHR3:11869864	SSF x LoA	-9,27916536	0,009	0,303
CHR3	11872014	CHR3:11872014	SSF x LoA	-10,98784	0,158	0,302
CHR3	11878110	CHR3:11878110	SSF x LoA	-2,56700423	0,028	0,304
CHR3	11878232	CHR3:11878232	SSF x LoA	-9,03305181	-0,053	0,298
CHR3	11884983	CHR3:11884983	SSF x LoA	-11,6816188	0,126	0,303
CHR3	11884993	CHR3:11884993	SSF x LoA	-10,9549484	0,085	0,300
CHR3	11885037	CHR3:11885037	SSF x LoA	-4,0678705	0,164	0,304
CHR3	11885122	CHR3:11885122	SSF x LoA	-8,48451712	0,036	0,318
CHR3	11885180	CHR3:11885180	SSF x LoA	-6,83114965	-0,152	0,308
CHR3	11892673	CHR3:11892673	SSF x LoA	-8,34598153	-0,088	0,313
CHR3	11892674	CHR3:11892674	SSF x LoA	-10,0787665	0,025	0,308
CHR3	11892782	CHR3:11892782	SSF x LoA	-9,45461742	-0,058	0,325
CHR3	11898952	CHR3:11898952	SSF x LoA	-9,51557998	-0,125	0,302
CHR3	11899040	CHR3:11899040	SSF x LoA	-12,0735456	0,070	0,306
CHR3	11899085	CHR3:11899085	SSF x LoA	-11,1245876	0,064	0,312
CHR3	11904354	CHR3:11904354	SSF x LoA	-9,52647208	0,106	0,292
CHR3	11906691	CHR3:11906691	SSF x LoA	-10,3726065	0,084	0,298
CHR3	11907966	CHR3:11907966	SSF x LoA	-7,59767296	-0,035	0,309
CHR3	11908083	CHR3:11908083	SSF x LoA	-4,29053113	-0,030	0,314
CHR3	11908138	CHR3:11908138	SSF x LoA	-8,20758078	-0,043	0,308
CHR3	11910644	CHR3:11910644	SSF x LoA	-11,1502099	0,023	0,302
CHR3	11911011	CHR3:11911011	SSF x LoA	-10,1712981	0,055	0,304
CHR3	11913863	CHR3:11913863	SSF x LoA	-11,29334	-0,014	0,299
CHR3	11916541	CHR3:11916541	SSF x LoA	-8,17671381	-0,084	0,310
CHR3	11916712	CHR3:11916712	SSF x LoA	-8,11102207	-0,106	0,299
CHR3	11916728	CHR3:11916728	SSF x LoA	-8,77670195	-0,108	0,290

CHR3	11918964	CHR3:11918964	SSF x LoA	-9,46890414	0,020	0,306
CHR3	11918977	CHR3:11918977	SSF x LoA	-8,33606621	-0,071	0,299
CHR3	11919003	CHR3:11919003	SSF x LoA	-6,48174209	-0,027	0,314
CHR3	11919179	CHR3:11919179	SSF x LoA	-9,37513177	0,097	0,293
CHR3	11919247	CHR3:11919247	SSF x LoA	-6,21516787	-0,062	0,302
CHR3	11927449	CHR3:11927449	SSF x LoA	-9,48939102	0,036	0,312
CHR3	11927467	CHR3:11927467	SSF x LoA	-9,57870534	-0,021	0,311
CHR3	11927505	CHR3:11927505	SSF x LoA	-11,3751383	0,012	0,301
CHR3	11930860	CHR3:11930860	SSF x LoA	-3,43826614	0,195	0,286
CHR3	11931458	CHR3:11931458	SSF x LoA	-5,15693671	0,072	0,314
CHR3	11931463	CHR3:11931463	SSF x LoA	-8,56377075	-0,016	0,305
CHR3	11939747	CHR3:11939747	SSF x LoA	-10,3990312	-0,080	0,290
CHR3	11939931	CHR3:11939931	SSF x LoA	-8,80384002	0,052	0,308
CHR3	11939940	CHR3:11939940	SSF x LoA	-9,03178319	0,030	0,301
CHR3	11939991	CHR3:11939991	SSF x LoA	-9,88628361	-0,093	0,309
CHR3	11940006	CHR3:11940006	SSF x LoA	-8,98573032	0,002	0,322
CHR3	11953601	CHR3:11953601	SSF x LoA	-8,8412606	-0,129	0,301
CHR3	11953674	CHR3:11953674	SSF x LoA	-8,55466897	0,021	0,287
CHR3	11954044	CHR3:11954044	SSF x LoA	-10,3331703	0,072	0,303
CHR3	11954062	CHR3:11954062	SSF x LoA	-10,85361	0,020	0,286
CHR3	11954092	CHR3:11954092	SSF x LoA	-2,26450179	0,174	0,295
CHR3	11954151	CHR3:11954151	SSF x LoA	-4,79845822	0,226	0,286
CHR3	11954168	CHR3:11954168	SSF x LoA	-9,04021666	0,138	0,298
CHR3	11954191	CHR3:11954191	SSF x LoA	-5,58803086	0,022	0,316
CHR3	11960371	CHR3:11960371	SSF x LoA	-7,93184006	0,100	0,298
CHR3	11960423	CHR3:11960423	SSF x LoA	-9,31542839	-0,032	0,314
CHR3	11960431	CHR3:11960431	SSF x LoA	-8,29759697	0,037	0,299
CHR3	11960502	CHR3:11960502	SSF x LoA	-8,38028873	0,000	0,304
CHR3	11960507	CHR3:11960507	SSF x LoA	-7,39410023	0,051	0,315
CHR3	11962726	CHR3:11962726	SSF x LoA	-10,2327113	0,008	0,327
CHR3	11962766	CHR3:11962766	SSF x LoA	-10,0063038	0,024	0,313
CHR3	11962769	CHR3:11962769	SSF x LoA	-6,72920029	-0,095	0,305
CHR3	11962801	CHR3:11962801	SSF x LoA	-8,57939391	0,133	0,303
CHR3	11962825	CHR3:11962825	SSF x LoA	-10,8983493	-0,122	0,302
CHR3	11962867	CHR3:11962867	SSF x LoA	-9,50759526	0,060	0,310
CHR3	11962876	CHR3:11962876	SSF x LoA	-9,68624481	-0,075	0,312
CHR3	11962887	CHR3:11962887	SSF x LoA	-8,94747917	-0,128	0,297
CHR3	11974736	CHR3:11974736	SSF x LoA	-7,81634427	0,022	0,309
CHR3	11974850	CHR3:11974850	SSF x LoA	-8,22360234	0,060	0,312
CHR3	11982144	CHR3:11982144	SSF x LoA	-6,96268225	0,073	0,299
CHR3	11982360	CHR3:11982360	SSF x LoA	-10,6925805	-0,060	0,315
CHR3	11982370	CHR3:11982370	SSF x LoA	-10,8237419	-0,072	0,294
CHR3	11987677	CHR3:11987677	SSF x LoA	-10,9336196	-0,014	0,308
CHR3	11987704	CHR3:11987704	SSF x LoA	-10,9475341	-0,029	0,302
CHR3	11987737	CHR3:11987737	SSF x LoA	-7,26779138	0,032	0,312
CHR3	11987738	CHR3:11987738	SSF x LoA	-9,35084003	0,030	0,294
CHR3	11988663	CHR3:11988663	SSF x LoA	-5,67945526	-0,137	0,307
CHR3	11988677	CHR3:11988677	SSF x LoA	-10,5560826	0,051	0,316
CHR3	11988697	CHR3:11988697	SSF x LoA	-8,90950192	-0,018	0,313
CHR3	11988710	CHR3:11988710	SSF x LoA	-8,74645146	0,060	0,311
CHR3	11993804	CHR3:11993804	SSF x LoA	-8,26461259	-0,128	0,301
CHR3	11993849	CHR3:11993849	SSF x LoA	-7,85349059	0,060	0,325
CHR3	12004046	CHR3:12004046	SSF x LoA	-9,72167317	-0,100	0,307

CHR3	12004098	CHR3:12004098	SSF x LoA	-9,28100896	-0,020	0,284
CHR3	12004142	CHR3:12004142	SSF x LoA	-9,8141818	-0,017	0,284
CHR3	12010254	CHR3:12010254	SSF x LoA	-4,6823394	-0,088	0,309
CHR3	12012380	CHR3:12012380	SSF x LoA	-10,1330172	-0,072	0,294
CHR3	12019461	CHR3:12019461	SSF x LoA	-10,2408563	0,073	0,321
CHR3	12019595	CHR3:12019595	SSF x LoA	-9,60702652	0,072	0,311
CHR3	12019598	CHR3:12019598	SSF x LoA	-9,76092763	-0,069	0,311
CHR3	12019605	CHR3:12019605	SSF x LoA	-9,22988797	-0,029	0,300
CHR3	12019614	CHR3:12019614	SSF x LoA	-8,04844037	0,086	0,305
CHR3	12019619	CHR3:12019619	SSF x LoA	-9,84241404	0,096	0,310
CHR3	12019622	CHR3:12019622	SSF x LoA	-9,79387806	-0,091	0,315
CHR3	12019643	CHR3:12019643	SSF x LoA	-8,2662783	0,095	0,316
CHR3	12029906	CHR3:12029906	SSF x LoA	-8,09780641	-0,181	0,306
CHR3	12033266	CHR3:12033266	SSF x LoA	-12,1341818	-0,066	0,290
CHR3	12033321	CHR3:12033321	SSF x LoA	-6,36770501	-0,096	0,287
CHR3	12033442	CHR3:12033442	SSF x LoA	-6,59888071	-0,155	0,297
CHR3	12033483	CHR3:12033483	SSF x LoA	-9,43930482	-0,054	0,307
CHR3	12041689	CHR3:12041689	SSF x LoA	-11,8491133	0,011	0,308
CHR3	12046072	CHR3:12046072	SSF x LoA	-8,89625898	0,002	0,296
CHR3	12046177	CHR3:12046177	SSF x LoA	-10,6997642	0,068	0,302
CHR3	12062005	CHR3:12062005	SSF x LoA	-11,6536993	-0,019	0,314
CHR3	12065673	CHR3:12065673	SSF x LoA	-1,67174731	0,019	0,306
CHR3	12066885	CHR3:12066885	SSF x LoA	-9,68107359	-0,038	0,310
CHR3	12066920	CHR3:12066920	SSF x LoA	-9,62455084	-0,062	0,309
CHR3	12068681	CHR3:12068681	SSF x LoA	-10,7096901	0,026	0,310
CHR3	12068831	CHR3:12068831	SSF x LoA	-4,91736144	-0,031	0,314
CHR3	12068927	CHR3:12068927	SSF x LoA	-9,86289005	0,028	0,306
CHR3	12072761	CHR3:12072761	SSF x LoA	-9,01676181	-0,042	0,310
CHR3	12072771	CHR3:12072771	SSF x LoA	-8,1563009	0,003	0,307
CHR3	12072801	CHR3:12072801	SSF x LoA	-3,5909958	-0,020	0,310
CHR3	12072824	CHR3:12072824	SSF x LoA	-8,35649121	-0,096	0,299
CHR3	12074027	CHR3:12074027	SSF x LoA	-10,6054565	0,067	0,316
CHR3	12086061	CHR3:12086061	SSF x LoA	-6,52591557	-0,116	0,302
CHR3	12086069	CHR3:12086069	SSF x LoA	-7,96837009	0,107	0,309
CHR3	12086082	CHR3:12086082	SSF x LoA	-8,48044728	-0,102	0,316
CHR3	12086097	CHR3:12086097	SSF x LoA	-7,02642272	0,119	0,311
CHR3	12086098	CHR3:12086098	SSF x LoA	-8,36620935	0,099	0,315
CHR3	12086100	CHR3:12086100	SSF x LoA	-7,99281055	0,123	0,306
CHR3	12086104	CHR3:12086104	SSF x LoA	-11,4040568	0,065	0,301
CHR3	12086328	CHR3:12086328	SSF x LoA	-10,8865554	-0,042	0,304
CHR3	12086372	CHR3:12086372	SSF x LoA	-7,89971439	-0,027	0,306
CHR3	1209103	CHR3:1209103	SSF x LoA	-9,40270374	0,071	0,301
CHR3	1209111	CHR3:1209111	SSF x LoA	-9,51699974	-0,012	0,307
CHR3	1209112	CHR3:1209112	SSF x LoA	-10,1664815	-0,001	0,313
CHR3	1209164	CHR3:1209164	SSF x LoA	-9,63877763	0,088	0,313
CHR3	12095212	CHR3:12095212	SSF x LoA	-7,93599482	0,008	0,312
CHR3	12095303	CHR3:12095303	SSF x LoA	-7,87972354	0,010	0,314
CHR3	12095323	CHR3:12095323	SSF x LoA	-8,90424824	0,011	0,316
CHR3	12095336	CHR3:12095336	SSF x LoA	-12,3612878	0,020	0,309
CHR3	12095351	CHR3:12095351	SSF x LoA	-9,87550872	-0,023	0,302
CHR3	12095379	CHR3:12095379	SSF x LoA	-9,18342965	0,002	0,310
CHR3	12095391	CHR3:12095391	SSF x LoA	-10,1671335	-0,081	0,321
CHR3	12099618	CHR3:12099618	SSF x LoA	-7,29483551	0,053	0,304

CHR3	12100804	CHR3:12100804	SSF x LoA	-10,8357536	-0,025	0,306
CHR3	12100819	CHR3:12100819	SSF x LoA	-11,3737728	0,065	0,314
CHR3	12100842	CHR3:12100842	SSF x LoA	-7,69061322	-0,091	0,291
CHR3	12100863	CHR3:12100863	SSF x LoA	-11,0751143	0,025	0,314
CHR3	12100909	CHR3:12100909	SSF x LoA	-10,0964449	-0,063	0,316
CHR3	12100918	CHR3:12100918	SSF x LoA	-7,00669731	-0,178	0,301
CHR3	12100938	CHR3:12100938	SSF x LoA	-8,31876988	0,084	0,320
CHR3	12103797	CHR3:12103797	SSF x LoA	-9,49020257	0,009	0,304
CHR3	12103811	CHR3:12103811	SSF x LoA	-11,3623454	0,083	0,290
CHR3	12103891	CHR3:12103891	SSF x LoA	-8,33213568	0,097	0,311
CHR3	12103896	CHR3:12103896	SSF x LoA	-9,63658611	0,024	0,305
CHR3	12103900	CHR3:12103900	SSF x LoA	-4,66715976	-0,219	0,291
CHR3	12103904	CHR3:12103904	SSF x LoA	-6,69651965	0,007	0,304
CHR3	12105739	CHR3:12105739	SSF x LoA	-11,3431909	-0,020	0,315
CHR3	12105740	CHR3:12105740	SSF x LoA	-12,2123355	-0,015	0,303
CHR3	12105786	CHR3:12105786	SSF x LoA	-9,91687524	0,010	0,298
CHR3	12105814	CHR3:12105814	SSF x LoA	-3,69314167	0,089	0,301
CHR3	12118782	CHR3:12118782	SSF x LoA	-6,59517262	0,076	0,307
CHR3	12118842	CHR3:12118842	SSF x LoA	-7,21347845	0,071	0,305
CHR3	12122424	CHR3:12122424	SSF x LoA	-8,10083641	-0,096	0,302
CHR3	12122462	CHR3:12122462	SSF x LoA	-9,95183833	0,003	0,321
CHR3	12122474	CHR3:12122474	SSF x LoA	-8,68391408	0,004	0,314
CHR3	12122566	CHR3:12122566	SSF x LoA	-8,75635717	-0,010	0,301
CHR3	12122592	CHR3:12122592	SSF x LoA	-8,7394119	-0,077	0,308
CHR3	12122665	CHR3:12122665	SSF x LoA	-10,5410187	-0,001	0,322
CHR3	12122667	CHR3:12122667	SSF x LoA	-10,2927862	0,039	0,306
CHR3	12129284	CHR3:12129284	SSF x LoA	-8,67922684	-0,149	0,305
CHR3	1213429	CHR3:1213429	SSF x LoA	-10,2056599	0,100	0,310
CHR3	1213434	CHR3:1213434	SSF x LoA	-9,54841972	0,134	0,288
CHR3	1213454	CHR3:1213454	SSF x LoA	-8,68379256	-0,048	0,301
CHR3	12134569	CHR3:12134569	SSF x LoA	-10,9973389	0,131	0,295
CHR3	12134777	CHR3:12134777	SSF x LoA	-9,65171121	-0,011	0,282
CHR3	12134874	CHR3:12134874	SSF x LoA	-10,8901717	-0,010	0,307
CHR3	12134897	CHR3:12134897	SSF x LoA	-6,66087663	-0,075	0,302
CHR3	1213501	CHR3:1213501	SSF x LoA	-10,5437021	0,012	0,294
CHR3	1213505	CHR3:1213505	SSF x LoA	-8,06116425	0,014	0,311
CHR3	12146604	CHR3:12146604	SSF x LoA	-12,4174849	-0,061	0,302
CHR3	12146625	CHR3:12146625	SSF x LoA	-8,27293297	-0,028	0,310
CHR3	12161051	CHR3:12161051	SSF x LoA	-7,3998388	0,229	0,286
CHR3	12164682	CHR3:12164682	SSF x LoA	-8,98594718	-0,002	0,306
CHR3	12171458	CHR3:12171458	SSF x LoA	-11,443542	-0,017	0,314
CHR3	12171475	CHR3:12171475	SSF x LoA	-12,203171	0,004	0,304
CHR3	12171610	CHR3:12171610	SSF x LoA	-9,90841849	0,023	0,309
CHR3	12171706	CHR3:12171706	SSF x LoA	-8,92906915	0,042	0,305
CHR3	12171721	CHR3:12171721	SSF x LoA	-9,47370483	0,033	0,296
CHR3	1217211	CHR3:1217211	SSF x LoA	-10,2684098	-0,070	0,298
CHR3	12176512	CHR3:12176512	SSF x LoA	-8,55874147	0,101	0,298
CHR3	12177707	CHR3:12177707	SSF x LoA	-9,10455657	-0,054	0,307
CHR3	12177825	CHR3:12177825	SSF x LoA	-7,2427805	-0,142	0,301
CHR3	12177965	CHR3:12177965	SSF x LoA	-8,25493124	0,156	0,286
CHR3	12178010	CHR3:12178010	SSF x LoA	-8,53243165	-0,044	0,303
CHR3	12178043	CHR3:12178043	SSF x LoA	-8,20884015	0,098	0,299
CHR3	12183108	CHR3:12183108	SSF x LoA	-10,4304088	0,092	0,315

CHR3	12183324	CHR3:12183324	SSF x LoA	-10,8677219	-0,068	0,292
CHR3	12184760	CHR3:12184760	SSF x LoA	-3,5396585	0,122	0,299
CHR3	12184809	CHR3:12184809	SSF x LoA	-9,31499246	-0,176	0,291
CHR3	12191418	CHR3:12191418	SSF x LoA	-7,29231331	-0,071	0,301
CHR3	12191463	CHR3:12191463	SSF x LoA	-11,4304557	0,038	0,308
CHR3	12191566	CHR3:12191566	SSF x LoA	-8,8070519	0,012	0,297
CHR3	12191571	CHR3:12191571	SSF x LoA	-8,66227202	-0,054	0,303
CHR3	1219403	CHR3:1219403	SSF x LoA	-9,9522229	-0,078	0,299
CHR3	1219666	CHR3:1219666	SSF x LoA	-9,49840599	-0,076	0,317
CHR3	12199109	CHR3:12199109	SSF x LoA	-10,1337966	0,038	0,302
CHR3	12215359	CHR3:12215359	SSF x LoA	-6,04177276	-0,044	0,321
CHR3	12215386	CHR3:12215386	SSF x LoA	-6,98100135	-0,116	0,301
CHR3	12215470	CHR3:12215470	SSF x LoA	-9,53059124	0,042	0,296
CHR3	12220116	CHR3:12220116	SSF x LoA	-3,40232335	-0,090	0,300
CHR3	12220122	CHR3:12220122	SSF x LoA	-11,4728751	0,025	0,296
CHR3	12220173	CHR3:12220173	SSF x LoA	-11,6406756	-0,002	0,301
CHR3	12220345	CHR3:12220345	SSF x LoA	-10,7654253	-0,028	0,308
CHR3	12225146	CHR3:12225146	SSF x LoA	-9,64946972	-0,095	0,302
CHR3	12225156	CHR3:12225156	SSF x LoA	-8,79470835	-0,083	0,304
CHR3	12226493	CHR3:12226493	SSF x LoA	-7,55846581	-0,119	0,301
CHR3	12232463	CHR3:12232463	SSF x LoA	-9,5560364	-0,069	0,311
CHR3	12232492	CHR3:12232492	SSF x LoA	-6,84650968	-0,075	0,304
CHR3	12232502	CHR3:12232502	SSF x LoA	-8,21738013	-0,077	0,304
CHR3	12232504	CHR3:12232504	SSF x LoA	-8,7938989	-0,066	0,304
CHR3	12232619	CHR3:12232619	SSF x LoA	-6,97741295	-0,043	0,307
CHR3	12234555	CHR3:12234555	SSF x LoA	-9,17639669	0,123	0,295
CHR3	12234558	CHR3:12234558	SSF x LoA	-8,77746622	0,074	0,308
CHR3	12241215	CHR3:12241215	SSF x LoA	-11,6720307	0,034	0,307
CHR3	12241217	CHR3:12241217	SSF x LoA	-9,86840544	0,050	0,313
CHR3	12241250	CHR3:12241250	SSF x LoA	-9,07143543	-0,023	0,312
CHR3	12241259	CHR3:12241259	SSF x LoA	-9,70032114	-0,077	0,304
CHR3	12241306	CHR3:12241306	SSF x LoA	-8,06394596	0,057	0,308
CHR3	12241372	CHR3:12241372	SSF x LoA	-11,3345183	0,070	0,315
CHR3	12241395	CHR3:12241395	SSF x LoA	-8,73670536	0,051	0,301
CHR3	12252500	CHR3:12252500	SSF x LoA	-9,74265381	0,036	0,308
CHR3	12255053	CHR3:12255053	SSF x LoA	-4,05024757	-0,081	0,307
CHR3	12255083	CHR3:12255083	SSF x LoA	-6,2474058	-0,211	0,278
CHR3	12255130	CHR3:12255130	SSF x LoA	-9,33239801	-0,192	0,302
CHR3	12257516	CHR3:12257516	SSF x LoA	-10,4819492	0,021	0,307
CHR3	12257534	CHR3:12257534	SSF x LoA	-9,77777085	0,001	0,305
CHR3	12257543	CHR3:12257543	SSF x LoA	-8,68432908	0,079	0,301
CHR3	12257593	CHR3:12257593	SSF x LoA	-11,1688267	0,050	0,307
CHR3	12257659	CHR3:12257659	SSF x LoA	-7,8216389	0,018	0,308
CHR3	12259665	CHR3:12259665	SSF x LoA	-8,12824942	-0,037	0,318
CHR3	12259666	CHR3:12259666	SSF x LoA	-9,66253269	-0,043	0,304
CHR3	12259686	CHR3:12259686	SSF x LoA	-8,85026302	0,028	0,305
CHR3	12259695	CHR3:12259695	SSF x LoA	-5,40298545	0,109	0,308
CHR3	12259701	CHR3:12259701	SSF x LoA	-9,92802612	-0,133	0,312
CHR3	12259721	CHR3:12259721	SSF x LoA	-8,6274983	-0,152	0,303
CHR3	12259737	CHR3:12259737	SSF x LoA	-10,0767018	0,094	0,299
CHR3	12259743	CHR3:12259743	SSF x LoA	-6,47248011	0,159	0,301
CHR3	12259775	CHR3:12259775	SSF x LoA	-7,08009397	-0,141	0,318
CHR3	12259823	CHR3:12259823	SSF x LoA	-11,587678	-0,042	0,307

CHR3	12265030	CHR3:12265030	SSF x LoA	-9,57227636	0,008	0,312
CHR3	12265192	CHR3:12265192	SSF x LoA	-6,6470151	0,097	0,304
CHR3	12265203	CHR3:12265203	SSF x LoA	-6,177853	-0,061	0,303
CHR3	12265213	CHR3:12265213	SSF x LoA	-8,91343017	-0,056	0,314
CHR3	12266428	CHR3:12266428	SSF x LoA	-10,5858187	0,014	0,309
CHR3	12266440	CHR3:12266440	SSF x LoA	-6,35991403	0,067	0,295
CHR3	12266527	CHR3:12266527	SSF x LoA	-10,2339954	-0,027	0,304
CHR3	12266528	CHR3:12266528	SSF x LoA	-8,6933182	0,005	0,299
CHR3	1226972	CHR3:1226972	SSF x LoA	-4,32464677	-0,131	0,296
CHR3	12269799	CHR3:12269799	SSF x LoA	-6,44351086	-0,201	0,294
CHR3	12269854	CHR3:12269854	SSF x LoA	-10,3040725	0,006	0,299
CHR3	12269929	CHR3:12269929	SSF x LoA	-6,89776028	0,114	0,291
CHR3	12269952	CHR3:12269952	SSF x LoA	-6,78516999	0,106	0,300
CHR3	1227126	CHR3:1227126	SSF x LoA	-9,17485246	-0,098	0,288
CHR3	1227277	CHR3:1227277	SSF x LoA	-10,1885777	-0,005	0,303
CHR3	1228208	CHR3:1228208	SSF x LoA	-11,7045798	0,026	0,301
CHR3	1228234	CHR3:1228234	SSF x LoA	-7,23446758	0,047	0,302
CHR3	12300265	CHR3:12300265	SSF x LoA	-8,74773106	-0,038	0,307
CHR3	12300275	CHR3:12300275	SSF x LoA	-8,68978208	0,052	0,293
CHR3	12300297	CHR3:12300297	SSF x LoA	-9,10299204	0,049	0,297
CHR3	12301734	CHR3:12301734	SSF x LoA	-10,0657449	-0,073	0,309
CHR3	1230783	CHR3:1230783	SSF x LoA	-9,29704013	0,081	0,314
CHR3	1230831	CHR3:1230831	SSF x LoA	-9,3467157	0,049	0,309
CHR3	1230832	CHR3:1230832	SSF x LoA	-6,58476889	0,074	0,304
CHR3	12312082	CHR3:12312082	SSF x LoA	-11,6851623	0,042	0,314
CHR3	12312159	CHR3:12312159	SSF x LoA	-7,43956469	-0,067	0,295
CHR3	12312212	CHR3:12312212	SSF x LoA	-11,8203911	-0,061	0,309
CHR3	12312276	CHR3:12312276	SSF x LoA	-11,1253031	0,026	0,299
CHR3	12312450	CHR3:12312450	SSF x LoA	-7,69827645	0,041	0,312
CHR3	12312454	CHR3:12312454	SSF x LoA	-10,8409578	0,066	0,297
CHR3	12318395	CHR3:12318395	SSF x LoA	-9,06641509	-0,042	0,301
CHR3	12325456	CHR3:12325456	SSF x LoA	-10,5435263	-0,041	0,316
CHR3	12356438	CHR3:12356438	SSF x LoA	-10,0111604	-0,144	0,290
CHR3	12363121	CHR3:12363121	SSF x LoA	-10,9676468	0,018	0,300
CHR3	12363161	CHR3:12363161	SSF x LoA	-9,96453441	0,047	0,309
CHR3	12363178	CHR3:12363178	SSF x LoA	-8,66370129	0,047	0,311
CHR3	12368307	CHR3:12368307	SSF x LoA	-9,12703466	-0,065	0,307
CHR3	12368338	CHR3:12368338	SSF x LoA	-8,17392875	0,021	0,294
CHR3	12368374	CHR3:12368374	SSF x LoA	-10,834538	-0,121	0,293
CHR3	12368442	CHR3:12368442	SSF x LoA	-8,56329094	-0,091	0,313
CHR3	12368473	CHR3:12368473	SSF x LoA	-7,86628921	0,057	0,296
CHR3	12368503	CHR3:12368503	SSF x LoA	-9,48537142	0,043	0,302
CHR3	1237291	CHR3:1237291	SSF x LoA	-9,81721538	0,085	0,302
CHR3	1237487	CHR3:1237487	SSF x LoA	-10,2302313	-0,081	0,308
CHR3	12375408	CHR3:12375408	SSF x LoA	-10,641586	-0,063	0,303
CHR3	12380910	CHR3:12380910	SSF x LoA	-11,0372047	0,063	0,316
CHR3	12380997	CHR3:12380997	SSF x LoA	-8,95439466	-0,043	0,308
CHR3	12381021	CHR3:12381021	SSF x LoA	-9,73556225	0,132	0,304
CHR3	12381042	CHR3:12381042	SSF x LoA	-10,8314426	0,010	0,293
CHR3	12399595	CHR3:12399595	SSF x LoA	-7,36362795	-0,126	0,291
CHR3	12399599	CHR3:12399599	SSF x LoA	-4,88984141	-0,117	0,311
CHR3	12399629	CHR3:12399629	SSF x LoA	-7,53022182	-0,060	0,300
CHR3	12427246	CHR3:12427246	SSF x LoA	-6,40115382	-0,142	0,300

CHR3	12427253	CHR3:12427253	SSF x LoA	-8,5689908	0,066	0,310
CHR3	12427273	CHR3:12427273	SSF x LoA	-10,2711824	-0,008	0,310
CHR3	12430957	CHR3:12430957	SSF x LoA	-8,24182375	-0,030	0,312
CHR3	12430969	CHR3:12430969	SSF x LoA	-8,80415901	-0,040	0,308
CHR3	12430970	CHR3:12430970	SSF x LoA	-11,7976202	0,019	0,309
CHR3	12430976	CHR3:12430976	SSF x LoA	-8,10213956	0,150	0,297
CHR3	12431024	CHR3:12431024	SSF x LoA	-9,79539694	-0,028	0,308
CHR3	12431042	CHR3:12431042	SSF x LoA	-7,67647968	0,054	0,306
CHR3	12431059	CHR3:12431059	SSF x LoA	-4,64474097	0,078	0,298
CHR3	12431081	CHR3:12431081	SSF x LoA	-9,20979293	0,057	0,305
CHR3	12431120	CHR3:12431120	SSF x LoA	-9,42323383	0,066	0,313
CHR3	12431148	CHR3:12431148	SSF x LoA	-9,20590183	0,028	0,302
CHR3	12431171	CHR3:12431171	SSF x LoA	-9,9056855	0,020	0,314
CHR3	12431184	CHR3:12431184	SSF x LoA	-11,0317528	0,028	0,315
CHR3	12437727	CHR3:12437727	SSF x LoA	-4,28945981	-0,151	0,297
CHR3	12437751	CHR3:12437751	SSF x LoA	-8,36420531	0,058	0,308
CHR3	12437755	CHR3:12437755	SSF x LoA	-8,99892416	0,076	0,304
CHR3	12437781	CHR3:12437781	SSF x LoA	-6,89142718	-0,129	0,311
CHR3	12437794	CHR3:12437794	SSF x LoA	-11,2225807	0,003	0,300
CHR3	12437802	CHR3:12437802	SSF x LoA	-6,19760494	-0,155	0,294
CHR3	12441587	CHR3:12441587	SSF x LoA	-8,85054213	-0,086	0,308
CHR3	12441606	CHR3:12441606	SSF x LoA	-9,31258851	0,038	0,302
CHR3	12441630	CHR3:12441630	SSF x LoA	-7,6271791	-0,133	0,301
CHR3	12441640	CHR3:12441640	SSF x LoA	-8,04625312	-0,139	0,313
CHR3	12441646	CHR3:12441646	SSF x LoA	-9,8448928	0,033	0,306
CHR3	12441684	CHR3:12441684	SSF x LoA	-6,80987575	-0,124	0,309
CHR3	12441747	CHR3:12441747	SSF x LoA	-10,1289625	-0,088	0,313
CHR3	12441767	CHR3:12441767	SSF x LoA	-10,6991317	-0,034	0,316
CHR3	12441768	CHR3:12441768	SSF x LoA	-7,59388799	0,012	0,291
CHR3	12441769	CHR3:12441769	SSF x LoA	-8,66745649	-0,015	0,300
CHR3	12441792	CHR3:12441792	SSF x LoA	-7,564122	0,121	0,296
CHR3	12441797	CHR3:12441797	SSF x LoA	-7,4260035	0,133	0,311
CHR3	12441801	CHR3:12441801	SSF x LoA	-2,57880428	0,132	0,309
CHR3	12441803	CHR3:12441803	SSF x LoA	-3,11324418	0,129	0,302
CHR3	12441823	CHR3:12441823	SSF x LoA	-7,37895782	0,190	0,292
CHR3	12441828	CHR3:12441828	SSF x LoA	-7,04770592	0,174	0,298
CHR3	12447610	CHR3:12447610	SSF x LoA	-9,78173179	-0,025	0,317
CHR3	12447650	CHR3:12447650	SSF x LoA	-10,6901021	0,006	0,310
CHR3	12447719	CHR3:12447719	SSF x LoA	-7,62273696	0,096	0,293
CHR3	12447764	CHR3:12447764	SSF x LoA	-10,6791668	0,047	0,327
CHR3	12447795	CHR3:12447795	SSF x LoA	-9,5070187	-0,020	0,310
CHR3	12447810	CHR3:12447810	SSF x LoA	-9,96685586	-0,034	0,303
CHR3	12456406	CHR3:12456406	SSF x LoA	-9,40308955	0,155	0,295
CHR3	12456440	CHR3:12456440	SSF x LoA	-7,24142838	0,108	0,299
CHR3	12456526	CHR3:12456526	SSF x LoA	-9,063609	-0,131	0,301
CHR3	12456548	CHR3:12456548	SSF x LoA	-9,9679261	-0,194	0,292
CHR3	12456642	CHR3:12456642	SSF x LoA	-10,3360436	-0,045	0,293
CHR3	12473897	CHR3:12473897	SSF x LoA	-11,2481248	-0,024	0,307
CHR3	12473963	CHR3:12473963	SSF x LoA	-10,6761375	-0,006	0,302
CHR3	12475256	CHR3:12475256	SSF x LoA	-8,42810356	0,105	0,293
CHR3	12475282	CHR3:12475282	SSF x LoA	-10,2579451	-0,082	0,299
CHR3	12475415	CHR3:12475415	SSF x LoA	-9,52573077	-0,112	0,307
CHR3	12475437	CHR3:12475437	SSF x LoA	-9,39348586	-0,159	0,297

CHR3	12475450	CHR3:12475450	SSF x LoA	-10,0440616	0,067	0,318
CHR3	12475469	CHR3:12475469	SSF x LoA	-8,29412726	-0,095	0,295
CHR3	12479913	CHR3:12479913	SSF x LoA	-6,25709003	-0,161	0,306
CHR3	12479942	CHR3:12479942	SSF x LoA	-7,92324125	0,071	0,311
CHR3	12479948	CHR3:12479948	SSF x LoA	-6,72908894	0,071	0,314
CHR3	12480034	CHR3:12480034	SSF x LoA	-10,2305616	-0,064	0,304
CHR3	12480043	CHR3:12480043	SSF x LoA	-7,38544876	0,131	0,300
CHR3	12480061	CHR3:12480061	SSF x LoA	-7,7888135	-0,106	0,293
CHR3	12480064	CHR3:12480064	SSF x LoA	-7,31364765	-0,115	0,306
CHR3	12480080	CHR3:12480080	SSF x LoA	-10,2616012	-0,013	0,293
CHR3	12480121	CHR3:12480121	SSF x LoA	-10,5924808	-0,082	0,311
CHR3	12480182	CHR3:12480182	SSF x LoA	-8,86329251	-0,031	0,311
CHR3	12482602	CHR3:12482602	SSF x LoA	-8,83031429	-0,102	0,288
CHR3	12482653	CHR3:12482653	SSF x LoA	-10,6318992	0,115	0,294
CHR3	12482662	CHR3:12482662	SSF x LoA	-7,75208111	0,077	0,326
CHR3	12493557	CHR3:12493557	SSF x LoA	-7,23087814	0,180	0,289
CHR3	12493559	CHR3:12493559	SSF x LoA	-10,0783165	-0,026	0,292
CHR3	12493589	CHR3:12493589	SSF x LoA	-11,3788646	-0,035	0,308
CHR3	12493610	CHR3:12493610	SSF x LoA	-10,0784917	0,011	0,309
CHR3	12493618	CHR3:12493618	SSF x LoA	-10,7190509	0,017	0,304
CHR3	12493624	CHR3:12493624	SSF x LoA	-11,4433411	0,019	0,283
CHR3	12494085	CHR3:12494085	SSF x LoA	-10,423784	0,019	0,314
CHR3	12496931	CHR3:12496931	SSF x LoA	-3,69370738	0,144	0,306
CHR3	12496935	CHR3:12496935	SSF x LoA	-3,09929428	0,138	0,301
CHR3	12497104	CHR3:12497104	SSF x LoA	-5,87053349	-0,196	0,296
CHR3	12497132	CHR3:12497132	SSF x LoA	-6,48204024	-0,187	0,299
CHR3	12497148	CHR3:12497148	SSF x LoA	-9,15568381	-0,028	0,311
CHR3	12500657	CHR3:12500657	SSF x LoA	-10,4719721	0,018	0,317
CHR3	12500671	CHR3:12500671	SSF x LoA	-10,9661325	0,053	0,323
CHR3	12500698	CHR3:12500698	SSF x LoA	-10,2774582	0,002	0,317
CHR3	12500779	CHR3:12500779	SSF x LoA	-6,73133813	0,086	0,289
CHR3	12500829	CHR3:12500829	SSF x LoA	-3,78376223	-0,136	0,321
CHR3	12500847	CHR3:12500847	SSF x LoA	-9,35719142	-0,067	0,287
CHR3	12508269	CHR3:12508269	SSF x LoA	-10,3698415	-0,027	0,313
CHR3	12508293	CHR3:12508293	SSF x LoA	-4,34112635	-0,121	0,309
CHR3	12508321	CHR3:12508321	SSF x LoA	-5,2497899	-0,008	0,314
CHR3	12508392	CHR3:12508392	SSF x LoA	-7,80059884	0,051	0,307
CHR3	12508409	CHR3:12508409	SSF x LoA	2,46351206	-0,054	0,308
CHR3	12508453	CHR3:12508453	SSF x LoA	-10,9315877	-0,025	0,310
CHR3	12508476	CHR3:12508476	SSF x LoA	-8,54944356	-0,037	0,306
CHR3	12514322	CHR3:12514322	SSF x LoA	-8,15548514	0,157	0,309
CHR3	12514457	CHR3:12514457	SSF x LoA	-12,2119789	0,019	0,295
CHR3	12514459	CHR3:12514459	SSF x LoA	-9,66560628	0,039	0,311
CHR3	12514505	CHR3:12514505	SSF x LoA	-7,91780686	0,023	0,307
CHR3	12514530	CHR3:12514530	SSF x LoA	-7,46694604	-0,067	0,302
CHR3	12520221	CHR3:12520221	SSF x LoA	-8,63541255	0,015	0,307
CHR3	12520222	CHR3:12520222	SSF x LoA	-11,4354836	0,047	0,302
CHR3	12520247	CHR3:12520247	SSF x LoA	-8,93906154	-0,136	0,317
CHR3	12520271	CHR3:12520271	SSF x LoA	-10,2016607	-0,080	0,311
CHR3	12521931	CHR3:12521931	SSF x LoA	-10,3120255	-0,096	0,314
CHR3	12525150	CHR3:12525150	SSF x LoA	-9,13421091	0,124	0,297
CHR3	12526334	CHR3:12526334	SSF x LoA	-6,53999304	0,168	0,296
CHR3	12526336	CHR3:12526336	SSF x LoA	-9,55593853	-0,055	0,318

CHR3	12527956	CHR3:12527956	SSF x LoA	-11,0199874	-0,017	0,319
CHR3	12528065	CHR3:12528065	SSF x LoA	-8,83277205	-0,044	0,312
CHR3	12528211	CHR3:12528211	SSF x LoA	-11,1034608	-0,075	0,309
CHR3	12528228	CHR3:12528228	SSF x LoA	-10,0255132	-0,002	0,307
CHR3	12530508	CHR3:12530508	SSF x LoA	-11,5123471	-0,058	0,305
CHR3	12530509	CHR3:12530509	SSF x LoA	-11,8102271	-0,060	0,304
CHR3	12530526	CHR3:12530526	SSF x LoA	-10,1937585	-0,040	0,311
CHR3	12530570	CHR3:12530570	SSF x LoA	-9,06284161	-0,070	0,308
CHR3	12530673	CHR3:12530673	SSF x LoA	-7,51791465	-0,064	0,315
CHR3	12537054	CHR3:12537054	SSF x LoA	-10,1582049	-0,040	0,297
CHR3	12537112	CHR3:12537112	SSF x LoA	-9,22373238	-0,029	0,305
CHR3	12539114	CHR3:12539114	SSF x LoA	-9,6857591	-0,041	0,299
CHR3	12539116	CHR3:12539116	SSF x LoA	-9,14771458	-0,052	0,309
CHR3	12539268	CHR3:12539268	SSF x LoA	-7,13448597	0,076	0,307
CHR3	12539337	CHR3:12539337	SSF x LoA	-8,94289536	0,014	0,303
CHR3	12549685	CHR3:12549685	SSF x LoA	-10,1010066	-0,085	0,299
CHR3	12549694	CHR3:12549694	SSF x LoA	-9,71106805	0,006	0,301
CHR3	12549720	CHR3:12549720	SSF x LoA	-8,26907865	-0,152	0,303
CHR3	12549780	CHR3:12549780	SSF x LoA	-11,4706205	-0,002	0,293
CHR3	12551016	CHR3:12551016	SSF x LoA	-10,1908136	0,043	0,302
CHR3	12554071	CHR3:12554071	SSF x LoA	-7,35525125	0,156	0,303
CHR3	12554087	CHR3:12554087	SSF x LoA	-6,46491268	-0,184	0,294
CHR3	12554206	CHR3:12554206	SSF x LoA	-11,3088897	-0,052	0,299
CHR3	12555812	CHR3:12555812	SSF x LoA	-10,0568563	-0,081	0,295
CHR3	12555835	CHR3:12555835	SSF x LoA	-9,48410876	0,064	0,316
CHR3	12563742	CHR3:12563742	SSF x LoA	-8,76019207	0,055	0,304
CHR3	12563814	CHR3:12563814	SSF x LoA	-8,4498788	0,032	0,306
CHR3	12563886	CHR3:12563886	SSF x LoA	-9,20842073	0,058	0,308
CHR3	12567779	CHR3:12567779	SSF x LoA	-6,70428658	-0,043	0,309
CHR3	12574106	CHR3:12574106	SSF x LoA	-8,99310296	0,040	0,300
CHR3	12574117	CHR3:12574117	SSF x LoA	-11,5121552	-0,035	0,315
CHR3	12574129	CHR3:12574129	SSF x LoA	-10,0963556	0,055	0,324
CHR3	12574142	CHR3:12574142	SSF x LoA	-11,496287	0,043	0,309
CHR3	12574947	CHR3:12574947	SSF x LoA	-8,5888446	0,074	0,304
CHR3	12574977	CHR3:12574977	SSF x LoA	-10,2168832	0,054	0,310
CHR3	12575031	CHR3:12575031	SSF x LoA	-5,95451376	-0,102	0,309
CHR3	12576849	CHR3:12576849	SSF x LoA	-9,78758816	-0,036	0,305
CHR3	12576859	CHR3:12576859	SSF x LoA	-9,6227346	0,008	0,316
CHR3	12576860	CHR3:12576860	SSF x LoA	-9,90863844	0,032	0,302
CHR3	12584832	CHR3:12584832	SSF x LoA	-9,88053378	-0,066	0,304
CHR3	12584833	CHR3:12584833	SSF x LoA	-8,88168037	-0,044	0,297
CHR3	12584888	CHR3:12584888	SSF x LoA	-10,0785714	0,066	0,303
CHR3	12584966	CHR3:12584966	SSF x LoA	-5,14264729	-0,175	0,305
CHR3	12590862	CHR3:12590862	SSF x LoA	-9,35876004	0,012	0,307
CHR3	12590999	CHR3:12590999	SSF x LoA	-7,50169921	-0,090	0,312
CHR3	12591077	CHR3:12591077	SSF x LoA	-8,75156429	0,044	0,324
CHR3	12591082	CHR3:12591082	SSF x LoA	-10,3304981	0,082	0,314
CHR3	12593353	CHR3:12593353	SSF x LoA	-1,60263103	0,004	0,313
CHR3	12593393	CHR3:12593393	SSF x LoA	-10,6588362	0,050	0,297
CHR3	12593423	CHR3:12593423	SSF x LoA	-9,5883329	-0,124	0,308
CHR3	12593630	CHR3:12593630	SSF x LoA	-8,99018874	-0,009	0,307
CHR3	12593662	CHR3:12593662	SSF x LoA	-10,169837	0,094	0,311
CHR3	12593674	CHR3:12593674	SSF x LoA	-8,93377094	-0,009	0,308

CHR3	12593703	CHR3:12593703	SSF x LoA	-10,0409731	-0,110	0,298
CHR3	12593719	CHR3:12593719	SSF x LoA	-10,133974	-0,027	0,305
CHR3	12600353	CHR3:12600353	SSF x LoA	-9,99511949	-0,092	0,290
CHR3	12600989	CHR3:12600989	SSF x LoA	-10,5323114	0,056	0,305
CHR3	12606751	CHR3:12606751	SSF x LoA	-10,3924817	0,076	0,310
CHR3	12606782	CHR3:12606782	SSF x LoA	-10,314491	0,041	0,313
CHR3	12606802	CHR3:12606802	SSF x LoA	-8,66831057	0,070	0,311
CHR3	12606834	CHR3:12606834	SSF x LoA	-9,66963644	0,071	0,317
CHR3	12606835	CHR3:12606835	SSF x LoA	-10,3532018	0,078	0,304
CHR3	12606837	CHR3:12606837	SSF x LoA	-9,02559698	0,097	0,300
CHR3	1261472	CHR3:1261472	SSF x LoA	-10,7181557	0,043	0,302
CHR3	1261482	CHR3:1261482	SSF x LoA	-11,0319588	0,000	0,322
CHR3	1261487	CHR3:1261487	SSF x LoA	-7,71237013	-0,016	0,321
CHR3	1261488	CHR3:1261488	SSF x LoA	-11,8895491	0,006	0,307
CHR3	1261494	CHR3:1261494	SSF x LoA	-6,3044663	0,179	0,290
CHR3	12619502	CHR3:12619502	SSF x LoA	-12,1928772	0,014	0,299
CHR3	1262156	CHR3:1262156	SSF x LoA	-8,67324	0,112	0,314
CHR3	12624707	CHR3:12624707	SSF x LoA	-10,3889009	0,025	0,308
CHR3	12644913	CHR3:12644913	SSF x LoA	-10,5381607	0,057	0,309
CHR3	12644952	CHR3:12644952	SSF x LoA	-9,17867465	-0,073	0,304
CHR3	12644986	CHR3:12644986	SSF x LoA	-9,59537615	0,121	0,304
CHR3	12648860	CHR3:12648860	SSF x LoA	-5,81674209	0,156	0,311
CHR3	12658102	CHR3:12658102	SSF x LoA	-11,5089071	-0,085	0,306
CHR3	12661170	CHR3:12661170	SSF x LoA	-10,0053617	-0,031	0,293
CHR3	12661186	CHR3:12661186	SSF x LoA	-11,0741593	-0,032	0,288
CHR3	12661252	CHR3:12661252	SSF x LoA	-9,89695416	0,066	0,299
CHR3	12661282	CHR3:12661282	SSF x LoA	-10,8249182	-0,011	0,291
CHR3	12661307	CHR3:12661307	SSF x LoA	5,96652909	-0,035	0,297
CHR3	12670107	CHR3:12670107	SSF x LoA	-9,2528851	0,071	0,320
CHR3	12670189	CHR3:12670189	SSF x LoA	-7,80471284	0,125	0,301
CHR3	12677161	CHR3:12677161	SSF x LoA	-9,10355091	0,015	0,315
CHR3	12677162	CHR3:12677162	SSF x LoA	-10,0267992	0,081	0,303
CHR3	12677373	CHR3:12677373	SSF x LoA	-7,32102391	0,124	0,306
CHR3	12678767	CHR3:12678767	SSF x LoA	-9,13093717	0,060	0,301
CHR3	12678799	CHR3:12678799	SSF x LoA	3,39352618	-0,015	0,309
CHR3	12678899	CHR3:12678899	SSF x LoA	-11,3288775	0,012	0,307
CHR3	1268005	CHR3:1268005	SSF x LoA	-8,67626863	0,090	0,307
CHR3	1268035	CHR3:1268035	SSF x LoA	-9,8800294	0,119	0,310
CHR3	12683623	CHR3:12683623	SSF x LoA	-6,93379438	0,089	0,306
CHR3	12700095	CHR3:12700095	SSF x LoA	-8,82125167	-0,093	0,294
CHR3	12700159	CHR3:12700159	SSF x LoA	-7,97063524	-0,036	0,315
CHR3	1271231	CHR3:1271231	SSF x LoA	-8,87446835	0,030	0,311
CHR3	1271250	CHR3:1271250	SSF x LoA	-7,42096913	0,106	0,303
CHR3	1271318	CHR3:1271318	SSF x LoA	-8,45266476	-0,026	0,314
CHR3	12717616	CHR3:12717616	SSF x LoA	-10,4157169	-0,092	0,290
CHR3	12717620	CHR3:12717620	SSF x LoA	-8,98641532	-0,118	0,286
CHR3	12717622	CHR3:12717622	SSF x LoA	-9,99263623	-0,109	0,292
CHR3	12717720	CHR3:12717720	SSF x LoA	-9,0590344	0,020	0,308
CHR3	12728122	CHR3:12728122	SSF x LoA	-10,6212073	-0,043	0,312
CHR3	12728128	CHR3:12728128	SSF x LoA	-8,15257849	0,079	0,306
CHR3	12728173	CHR3:12728173	SSF x LoA	-5,88395459	-0,101	0,312
CHR3	12728317	CHR3:12728317	SSF x LoA	-5,52557057	-0,146	0,314
CHR3	12730342	CHR3:12730342	SSF x LoA	-8,38976093	0,039	0,314

CHR3	12738943	CHR3:12738943	SSF x LoA	-9,99061218	0,045	0,304
CHR3	12747670	CHR3:12747670	SSF x LoA	-9,01987084	0,020	0,332
CHR3	12747687	CHR3:12747687	SSF x LoA	-10,779252	0,087	0,293
CHR3	12747699	CHR3:12747699	SSF x LoA	-11,1958156	-0,009	0,310
CHR3	12747738	CHR3:12747738	SSF x LoA	-10,1197024	-0,026	0,315
CHR3	12764652	CHR3:12764652	SSF x LoA	-11,2154151	0,102	0,303
CHR3	12764841	CHR3:12764841	SSF x LoA	-7,97966557	-0,179	0,311
CHR3	12764964	CHR3:12764964	SSF x LoA	-9,95935115	-0,101	0,294
CHR3	1276935	CHR3:1276935	SSF x LoA	-11,2086835	-0,073	0,306
CHR3	1276967	CHR3:1276967	SSF x LoA	-9,62707698	0,064	0,310
CHR3	1277095	CHR3:1277095	SSF x LoA	-12,2062604	-0,025	0,310
CHR3	12786096	CHR3:12786096	SSF x LoA	-8,42097781	0,057	0,301
CHR3	12786113	CHR3:12786113	SSF x LoA	-8,58862266	-0,095	0,311
CHR3	12792728	CHR3:12792728	SSF x LoA	-7,44874445	0,058	0,303
CHR3	12792733	CHR3:12792733	SSF x LoA	-7,97284212	0,127	0,298
CHR3	12792738	CHR3:12792738	SSF x LoA	-11,3344557	-0,063	0,305
CHR3	12792787	CHR3:12792787	SSF x LoA	6,51972536	-0,302	0,260
CHR3	128077	CHR3:128077	SSF x LoA	-11,1197547	-0,053	0,304
CHR3	12812931	CHR3:12812931	SSF x LoA	-5,98916869	-0,025	0,314
CHR3	1282063	CHR3:1282063	SSF x LoA	-4,2901483	-0,092	0,302
CHR3	1282093	CHR3:1282093	SSF x LoA	-7,63507839	0,162	0,304
CHR3	12833937	CHR3:12833937	SSF x LoA	-11,5649973	0,095	0,311
CHR3	12852615	CHR3:12852615	SSF x LoA	-9,43462812	-0,032	0,311
CHR3	12852666	CHR3:12852666	SSF x LoA	-7,85499118	0,087	0,315
CHR3	12852881	CHR3:12852881	SSF x LoA	-10,9690545	-0,054	0,316
CHR3	12854717	CHR3:12854717	SSF x LoA	-10,0833656	0,010	0,314
CHR3	12854772	CHR3:12854772	SSF x LoA	-9,98578222	0,036	0,299
CHR3	12854815	CHR3:12854815	SSF x LoA	-8,64089457	0,024	0,308
CHR3	12865465	CHR3:12865465	SSF x LoA	-11,5779707	-0,002	0,306
CHR3	12865681	CHR3:12865681	SSF x LoA	-11,3127171	-0,124	0,302
CHR3	12865688	CHR3:12865688	SSF x LoA	-10,6279405	-0,152	0,306
CHR3	12869970	CHR3:12869970	SSF x LoA	-10,2450618	0,138	0,300
CHR3	12870046	CHR3:12870046	SSF x LoA	-7,33972048	-0,084	0,299
CHR3	12870048	CHR3:12870048	SSF x LoA	-9,62003175	0,143	0,305
CHR3	12870074	CHR3:12870074	SSF x LoA	-8,12401541	-0,129	0,299
CHR3	12870122	CHR3:12870122	SSF x LoA	-10,6309669	-0,089	0,303
CHR3	12870128	CHR3:12870128	SSF x LoA	-6,7827103	0,090	0,313
CHR3	12870858	CHR3:12870858	SSF x LoA	-8,48410452	0,017	0,309
CHR3	12871017	CHR3:12871017	SSF x LoA	-10,5487509	0,013	0,306
CHR3	12880428	CHR3:12880428	SSF x LoA	-11,3310575	-0,064	0,303
CHR3	12880614	CHR3:12880614	SSF x LoA	-4,61138914	0,200	0,291
CHR3	12883930	CHR3:12883930	SSF x LoA	-10,1700326	-0,023	0,310
CHR3	12888216	CHR3:12888216	SSF x LoA	-8,82131491	0,027	0,306
CHR3	12888291	CHR3:12888291	SSF x LoA	-8,67645512	-0,003	0,310
CHR3	12888419	CHR3:12888419	SSF x LoA	-11,0711928	-0,013	0,308
CHR3	12892106	CHR3:12892106	SSF x LoA	-9,5588571	-0,030	0,310
CHR3	12902140	CHR3:12902140	SSF x LoA	-8,6213211	0,037	0,299
CHR3	12902219	CHR3:12902219	SSF x LoA	-9,52157968	-0,162	0,309
CHR3	12902232	CHR3:12902232	SSF x LoA	-11,5983999	-0,007	0,303
CHR3	12902266	CHR3:12902266	SSF x LoA	-9,02809271	-0,057	0,301
CHR3	12904767	CHR3:12904767	SSF x LoA	-10,2452031	-0,132	0,299
CHR3	12904784	CHR3:12904784	SSF x LoA	-10,2050316	0,123	0,307
CHR3	12905029	CHR3:12905029	SSF x LoA	-9,83250922	0,089	0,310

CHR3	12905054	CHR3:12905054	SSF x LoA	-6,48735791	-0,019	0,311
CHR3	12914350	CHR3:12914350	SSF x LoA	-8,47832694	0,046	0,305
CHR3	12914382	CHR3:12914382	SSF x LoA	-10,0985775	-0,056	0,295
CHR3	12921017	CHR3:12921017	SSF x LoA	-7,62966971	-0,101	0,320
CHR3	12921074	CHR3:12921074	SSF x LoA	-8,88730442	-0,053	0,305
CHR3	12936273	CHR3:12936273	SSF x LoA	-10,1114301	-0,062	0,301
CHR3	12936280	CHR3:12936280	SSF x LoA	-6,75191664	-0,179	0,289
CHR3	12949763	CHR3:12949763	SSF x LoA	-9,26291544	-0,008	0,311
CHR3	12949799	CHR3:12949799	SSF x LoA	-6,82081252	-0,080	0,304
CHR3	12949821	CHR3:12949821	SSF x LoA	-8,16675911	-0,020	0,305
CHR3	12949856	CHR3:12949856	SSF x LoA	-9,98757793	-0,037	0,307
CHR3	12951149	CHR3:12951149	SSF x LoA	-9,49140859	0,034	0,319
CHR3	1296624	CHR3:1296624	SSF x LoA	-8,32518271	0,152	0,306
CHR3	12982648	CHR3:12982648	SSF x LoA	-9,74244741	0,081	0,316
CHR3	12982684	CHR3:12982684	SSF x LoA	-10,1354685	0,040	0,309
CHR3	12982708	CHR3:12982708	SSF x LoA	-8,99489385	-0,023	0,310
CHR3	12982743	CHR3:12982743	SSF x LoA	-8,67470838	0,115	0,294
CHR3	12982811	CHR3:12982811	SSF x LoA	-7,27727555	0,031	0,318
CHR3	12983808	CHR3:12983808	SSF x LoA	-11,7566351	-0,006	0,313
CHR3	12985681	CHR3:12985681	SSF x LoA	-8,81241561	-0,018	0,312
CHR3	12985748	CHR3:12985748	SSF x LoA	-11,0594117	0,045	0,305
CHR3	12999321	CHR3:12999321	SSF x LoA	-9,94986424	-0,118	0,301
CHR3	13000026	CHR3:13000026	SSF x LoA	-11,6658448	0,048	0,290
CHR3	13003786	CHR3:13003786	SSF x LoA	-9,54206048	-0,146	0,293
CHR3	13003823	CHR3:13003823	SSF x LoA	-5,50026968	-0,022	0,316
CHR3	13009271	CHR3:13009271	SSF x LoA	-8,73229261	-0,128	0,307
CHR3	13009287	CHR3:13009287	SSF x LoA	-9,5803535	-0,006	0,302
CHR3	13009507	CHR3:13009507	SSF x LoA	0,35563387	-0,102	0,297
CHR3	13009590	CHR3:13009590	SSF x LoA	-8,76818779	-0,049	0,302
CHR3	13009595	CHR3:13009595	SSF x LoA	-9,50533818	-0,042	0,310
CHR3	13011811	CHR3:13011811	SSF x LoA	-11,0419581	-0,038	0,317
CHR3	13011833	CHR3:13011833	SSF x LoA	-8,26413154	-0,035	0,310
CHR3	13011913	CHR3:13011913	SSF x LoA	-9,82930969	-0,057	0,306
CHR3	13011933	CHR3:13011933	SSF x LoA	-9,8617449	0,085	0,300
CHR3	13011951	CHR3:13011951	SSF x LoA	-11,8958742	0,078	0,305
CHR3	13011964	CHR3:13011964	SSF x LoA	-7,30667038	0,037	0,317
CHR3	13014635	CHR3:13014635	SSF x LoA	-8,80932933	-0,001	0,314
CHR3	13022173	CHR3:13022173	SSF x LoA	-9,9297142	0,014	0,315
CHR3	13026784	CHR3:13026784	SSF x LoA	-11,0837573	0,056	0,301
CHR3	13044528	CHR3:13044528	SSF x LoA	-7,77842235	0,032	0,319
CHR3	13044532	CHR3:13044532	SSF x LoA	-11,2132352	-0,051	0,300
CHR3	13044668	CHR3:13044668	SSF x LoA	-9,62169691	-0,010	0,303
CHR3	13044690	CHR3:13044690	SSF x LoA	-7,86723548	0,116	0,315
CHR3	13044779	CHR3:13044779	SSF x LoA	-8,89378287	-0,034	0,290
CHR3	13044791	CHR3:13044791	SSF x LoA	-9,19673023	-0,100	0,315
CHR3	13044818	CHR3:13044818	SSF x LoA	-10,7906313	0,053	0,309
CHR3	13053099	CHR3:13053099	SSF x LoA	-9,93904334	0,067	0,299
CHR3	13053103	CHR3:13053103	SSF x LoA	-9,79805878	0,000	0,287
CHR3	13053145	CHR3:13053145	SSF x LoA	-7,93820257	-0,049	0,301
CHR3	13074554	CHR3:13074554	SSF x LoA	-7,61450334	0,164	0,298
CHR3	13080783	CHR3:13080783	SSF x LoA	-11,3818805	0,056	0,307
CHR3	13098732	CHR3:13098732	SSF x LoA	-8,16847374	0,101	0,295
CHR3	13098744	CHR3:13098744	SSF x LoA	-10,8572676	-0,023	0,314

CHR3	13098805	CHR3:13098805	SSF x LoA	-9,87493812	0,013	0,306
CHR3	13098915	CHR3:13098915	SSF x LoA	-9,00134926	-0,020	0,297
CHR3	13098923	CHR3:13098923	SSF x LoA	-9,77075713	0,037	0,310
CHR3	13098927	CHR3:13098927	SSF x LoA	-9,38243408	-0,077	0,304
CHR3	13106550	CHR3:13106550	SSF x LoA	-9,59836996	-0,125	0,311
CHR3	13107326	CHR3:13107326	SSF x LoA	-9,78173553	0,028	0,308
CHR3	13107414	CHR3:13107414	SSF x LoA	-4,75923396	0,142	0,293
CHR3	13107429	CHR3:13107429	SSF x LoA	-8,29273034	0,136	0,303
CHR3	13107519	CHR3:13107519	SSF x LoA	-11,4363862	0,046	0,315
CHR3	13115415	CHR3:13115415	SSF x LoA	-11,0614175	-0,149	0,296
CHR3	13115469	CHR3:13115469	SSF x LoA	-8,416964	-0,119	0,319
CHR3	13115474	CHR3:13115474	SSF x LoA	-9,70890831	-0,101	0,315
CHR3	13116579	CHR3:13116579	SSF x LoA	-6,01319996	-0,027	0,320
CHR3	13116608	CHR3:13116608	SSF x LoA	-11,0976307	-0,001	0,303
CHR3	13116660	CHR3:13116660	SSF x LoA	-10,0079668	0,010	0,293
CHR3	13119103	CHR3:13119103	SSF x LoA	-11,9498753	0,016	0,311
CHR3	13119151	CHR3:13119151	SSF x LoA	-10,7925912	-0,002	0,318
CHR3	13119218	CHR3:13119218	SSF x LoA	-11,6128943	-0,061	0,306
CHR3	13123817	CHR3:13123817	SSF x LoA	-10,0251098	0,012	0,305
CHR3	13123838	CHR3:13123838	SSF x LoA	-11,3663282	0,007	0,318
CHR3	13124058	CHR3:13124058	SSF x LoA	-11,5351018	0,005	0,307
CHR3	13133087	CHR3:13133087	SSF x LoA	-10,2747847	-0,046	0,299
CHR3	13133221	CHR3:13133221	SSF x LoA	-9,88540031	-0,018	0,307
CHR3	13138102	CHR3:13138102	SSF x LoA	-7,71521084	-0,124	0,317
CHR3	13138112	CHR3:13138112	SSF x LoA	-8,28718762	-0,122	0,292
CHR3	13138129	CHR3:13138129	SSF x LoA	-7,53544914	0,055	0,307
CHR3	13138179	CHR3:13138179	SSF x LoA	-10,623391	0,016	0,298
CHR3	13138190	CHR3:13138190	SSF x LoA	-10,147056	-0,009	0,290
CHR3	13140251	CHR3:13140251	SSF x LoA	-10,4463044	0,016	0,310
CHR3	13140253	CHR3:13140253	SSF x LoA	-9,38487553	-0,046	0,300
CHR3	13140267	CHR3:13140267	SSF x LoA	-1,42442539	0,010	0,298
CHR3	13140268	CHR3:13140268	SSF x LoA	-9,60703607	-0,023	0,294
CHR3	13153627	CHR3:13153627	SSF x LoA	-8,45171314	-0,133	0,306
CHR3	13162191	CHR3:13162191	SSF x LoA	-8,19542664	-0,087	0,305
CHR3	13162214	CHR3:13162214	SSF x LoA	-9,62596564	0,003	0,289
CHR3	13162277	CHR3:13162277	SSF x LoA	-10,8774072	-0,028	0,309
CHR3	13162402	CHR3:13162402	SSF x LoA	-11,4049304	-0,014	0,316
CHR3	13164336	CHR3:13164336	SSF x LoA	-8,25972847	-0,029	0,302
CHR3	13164339	CHR3:13164339	SSF x LoA	-5,95770085	-0,054	0,302
CHR3	13164344	CHR3:13164344	SSF x LoA	-5,62001896	-0,022	0,317
CHR3	13168264	CHR3:13168264	SSF x LoA	-9,11914683	-0,028	0,299
CHR3	13192004	CHR3:13192004	SSF x LoA	-9,77637311	-0,071	0,288
CHR3	13192091	CHR3:13192091	SSF x LoA	-10,8851989	-0,069	0,321
CHR3	13192133	CHR3:13192133	SSF x LoA	-11,0455943	0,064	0,307
CHR3	13192141	CHR3:13192141	SSF x LoA	-9,85485877	0,114	0,296
CHR3	13192149	CHR3:13192149	SSF x LoA	-6,52542443	0,073	0,307
CHR3	13192227	CHR3:13192227	SSF x LoA	-10,1131452	-0,082	0,315
CHR3	13192248	CHR3:13192248	SSF x LoA	-9,23000305	0,068	0,315
CHR3	13207652	CHR3:13207652	SSF x LoA	-10,7624243	0,030	0,297
CHR3	13223293	CHR3:13223293	SSF x LoA	-11,9201887	-0,014	0,317
CHR3	13248512	CHR3:13248512	SSF x LoA	-11,2288598	-0,037	0,301
CHR3	13273165	CHR3:13273165	SSF x LoA	-10,1430393	0,071	0,307
CHR3	13273252	CHR3:13273252	SSF x LoA	-9,93034969	-0,015	0,300

CHR3	13273315	CHR3:13273315	SSF x LoA	-11,2197862	0,014	0,298
CHR3	13273321	CHR3:13273321	SSF x LoA	-9,51519009	0,076	0,301
CHR3	13273359	CHR3:13273359	SSF x LoA	-8,91045067	0,010	0,312
CHR3	13273371	CHR3:13273371	SSF x LoA	-9,09434414	0,003	0,309
CHR3	13273477	CHR3:13273477	SSF x LoA	-9,12775027	0,042	0,304
CHR3	13295903	CHR3:13295903	SSF x LoA	-8,508611	-0,012	0,315
CHR3	13295940	CHR3:13295940	SSF x LoA	-5,21295376	0,027	0,308
CHR3	13295950	CHR3:13295950	SSF x LoA	-8,7108103	-0,026	0,310
CHR3	13323551	CHR3:13323551	SSF x LoA	-10,6045215	0,037	0,308
CHR3	13323554	CHR3:13323554	SSF x LoA	-9,70024786	0,033	0,321
CHR3	13331101	CHR3:13331101	SSF x LoA	-7,06563664	-0,109	0,303
CHR3	13331195	CHR3:13331195	SSF x LoA	-4,45238898	0,013	0,308
CHR3	13331200	CHR3:13331200	SSF x LoA	-8,76748712	-0,006	0,305
CHR3	13331217	CHR3:13331217	SSF x LoA	-10,6523661	-0,059	0,304
CHR3	13331256	CHR3:13331256	SSF x LoA	-8,49623908	0,046	0,302
CHR3	13335724	CHR3:13335724	SSF x LoA	-8,69216544	0,133	0,301
CHR3	13338076	CHR3:13338076	SSF x LoA	-8,23147995	0,129	0,295
CHR3	13338165	CHR3:13338165	SSF x LoA	-10,2561441	0,047	0,306
CHR3	13338247	CHR3:13338247	SSF x LoA	-8,29966869	0,120	0,295
CHR3	13338264	CHR3:13338264	SSF x LoA	-9,06375014	0,129	0,300
CHR3	13340638	CHR3:13340638	SSF x LoA	-7,95556314	0,067	0,308
CHR3	13340643	CHR3:13340643	SSF x LoA	-9,38199691	0,110	0,301
CHR3	13340675	CHR3:13340675	SSF x LoA	-8,34877035	0,145	0,293
CHR3	13346150	CHR3:13346150	SSF x LoA	-9,17605082	0,039	0,321
CHR3	13346165	CHR3:13346165	SSF x LoA	-6,13477331	-0,224	0,304
CHR3	13346167	CHR3:13346167	SSF x LoA	-8,96598917	-0,011	0,319
CHR3	13346185	CHR3:13346185	SSF x LoA	-9,7742545	0,099	0,302
CHR3	13346186	CHR3:13346186	SSF x LoA	7,05031026	-0,009	0,318
CHR3	13346187	CHR3:13346187	SSF x LoA	-8,13832036	-0,023	0,314
CHR3	13346208	CHR3:13346208	SSF x LoA	-8,46547144	-0,049	0,307
CHR3	13346219	CHR3:13346219	SSF x LoA	-7,55447757	0,051	0,307
CHR3	13346833	CHR3:13346833	SSF x LoA	-7,01863782	0,100	0,307
CHR3	13346842	CHR3:13346842	SSF x LoA	-8,998872	0,105	0,302
CHR3	13346848	CHR3:13346848	SSF x LoA	-1,45134662	0,122	0,299
CHR3	13357058	CHR3:13357058	SSF x LoA	-10,57339	-0,083	0,303
CHR3	13357068	CHR3:13357068	SSF x LoA	-6,79380514	-0,081	0,315
CHR3	13357122	CHR3:13357122	SSF x LoA	-10,4904372	0,012	0,306
CHR3	13357906	CHR3:13357906	SSF x LoA	-10,3324232	-0,068	0,299
CHR3	13357983	CHR3:13357983	SSF x LoA	-9,89572405	-0,133	0,298
CHR3	13359409	CHR3:13359409	SSF x LoA	-6,15236713	0,140	0,299
CHR3	13366263	CHR3:13366263	SSF x LoA	-8,23713109	0,006	0,304
CHR3	13366370	CHR3:13366370	SSF x LoA	-10,9100683	0,044	0,321
CHR3	13366385	CHR3:13366385	SSF x LoA	-9,50679236	0,076	0,307
CHR3	13402080	CHR3:13402080	SSF x LoA	-9,00081916	-0,033	0,312
CHR3	13413478	CHR3:13413478	SSF x LoA	-3,86390538	-0,035	0,324
CHR3	13416148	CHR3:13416148	SSF x LoA	-9,95802795	0,018	0,307
CHR3	13416192	CHR3:13416192	SSF x LoA	-10,5584645	0,022	0,298
CHR3	13416253	CHR3:13416253	SSF x LoA	-10,4473041	0,003	0,320
CHR3	13416281	CHR3:13416281	SSF x LoA	-10,4317619	0,075	0,312
CHR3	13416309	CHR3:13416309	SSF x LoA	-6,50746932	-0,147	0,292
CHR3	13428510	CHR3:13428510	SSF x LoA	-11,5540762	0,010	0,300
CHR3	13428511	CHR3:13428511	SSF x LoA	-8,48795581	-0,050	0,304
CHR3	13428569	CHR3:13428569	SSF x LoA	-2,05262841	-0,096	0,315

CHR3	13428570	CHR3:13428570	SSF x LoA	-8,76195527	-0,001	0,312
CHR3	13428613	CHR3:13428613	SSF x LoA	-10,7533016	-0,008	0,303
CHR3	13428897	CHR3:13428897	SSF x LoA	-8,49554068	-0,045	0,314
CHR3	13428917	CHR3:13428917	SSF x LoA	-6,45877943	0,066	0,312
CHR3	13428973	CHR3:13428973	SSF x LoA	-8,87803605	-0,029	0,315
CHR3	13432338	CHR3:13432338	SSF x LoA	-8,07165681	-0,103	0,320
CHR3	13432394	CHR3:13432394	SSF x LoA	-6,65431924	-0,147	0,310
CHR3	13432454	CHR3:13432454	SSF x LoA	-8,56453342	-0,028	0,305
CHR3	13432492	CHR3:13432492	SSF x LoA	-7,34932301	-0,055	0,313
CHR3	13432549	CHR3:13432549	SSF x LoA	-8,40639844	0,120	0,304
CHR3	13432552	CHR3:13432552	SSF x LoA	-8,43728119	0,059	0,325
CHR3	13433899	CHR3:13433899	SSF x LoA	-7,57321206	-0,045	0,320
CHR3	13433950	CHR3:13433950	SSF x LoA	-11,196634	0,123	0,303
CHR3	1344743	CHR3:1344743	SSF x LoA	-11,9309203	-0,007	0,302
CHR3	1344768	CHR3:1344768	SSF x LoA	-9,92194374	0,004	0,293
CHR3	13447742	CHR3:13447742	SSF x LoA	-10,4764894	0,066	0,313
CHR3	13447761	CHR3:13447761	SSF x LoA	-10,9904451	0,073	0,305
CHR3	13447795	CHR3:13447795	SSF x LoA	-9,46464293	-0,052	0,306
CHR3	13447814	CHR3:13447814	SSF x LoA	-8,20904362	-0,077	0,306
CHR3	1344803	CHR3:1344803	SSF x LoA	-10,2022728	0,043	0,303
CHR3	13457597	CHR3:13457597	SSF x LoA	-11,2673386	0,021	0,308
CHR3	13457665	CHR3:13457665	SSF x LoA	-10,7926695	0,112	0,311
CHR3	13457743	CHR3:13457743	SSF x LoA	-9,44914712	0,059	0,301
CHR3	13457910	CHR3:13457910	SSF x LoA	-6,66297484	-0,136	0,300
CHR3	13457914	CHR3:13457914	SSF x LoA	-10,7398845	-0,032	0,316
CHR3	13457934	CHR3:13457934	SSF x LoA	-10,1805399	-0,057	0,311
CHR3	13457951	CHR3:13457951	SSF x LoA	-10,4153794	0,026	0,312
CHR3	13470161	CHR3:13470161	SSF x LoA	-9,52917129	0,041	0,309
CHR3	13480819	CHR3:13480819	SSF x LoA	-4,87766112	-0,137	0,297
CHR3	13481013	CHR3:13481013	SSF x LoA	-9,3257478	-0,059	0,311
CHR3	13481017	CHR3:13481017	SSF x LoA	-9,70174128	-0,005	0,312
CHR3	13481026	CHR3:13481026	SSF x LoA	-8,7682148	-0,057	0,320
CHR3	13481078	CHR3:13481078	SSF x LoA	-8,73640319	-0,003	0,308
CHR3	13483845	CHR3:13483845	SSF x LoA	-5,03668096	0,139	0,295
CHR3	13483897	CHR3:13483897	SSF x LoA	-8,20445582	0,037	0,318
CHR3	13483906	CHR3:13483906	SSF x LoA	-9,78096395	0,062	0,303
CHR3	13483907	CHR3:13483907	SSF x LoA	-9,38540752	0,101	0,307
CHR3	13483940	CHR3:13483940	SSF x LoA	-10,2261786	0,114	0,306
CHR3	13483994	CHR3:13483994	SSF x LoA	-4,35438794	0,234	0,297
CHR3	13483998	CHR3:13483998	SSF x LoA	-4,66931043	0,228	0,279
CHR3	13484020	CHR3:13484020	SSF x LoA	-11,0790311	-0,030	0,309
CHR3	13487039	CHR3:13487039	SSF x LoA	-11,3838443	0,039	0,290
CHR3	13487107	CHR3:13487107	SSF x LoA	-8,92037878	-0,098	0,305
CHR3	13487142	CHR3:13487142	SSF x LoA	-9,42256344	-0,040	0,321
CHR3	13487186	CHR3:13487186	SSF x LoA	-7,41024092	0,031	0,319
CHR3	13487204	CHR3:13487204	SSF x LoA	-11,055372	-0,015	0,298
CHR3	13494297	CHR3:13494297	SSF x LoA	-2,48802741	-0,139	0,307
CHR3	13494346	CHR3:13494346	SSF x LoA	-8,59256862	-0,038	0,300
CHR3	13494415	CHR3:13494415	SSF x LoA	-8,75975779	-0,067	0,299
CHR3	13505858	CHR3:13505858	SSF x LoA	-9,4662838	-0,071	0,320
CHR3	13505926	CHR3:13505926	SSF x LoA	-10,2216911	-0,039	0,295
CHR3	13505983	CHR3:13505983	SSF x LoA	-10,4065737	0,047	0,301
CHR3	13505991	CHR3:13505991	SSF x LoA	-5,83511	-0,177	0,296

CHR3	13506006	CHR3:13506006	SSF x LoA	-8,36770502	0,108	0,307
CHR3	13517255	CHR3:13517255	SSF x LoA	-9,54794252	0,012	0,307
CHR3	13517310	CHR3:13517310	SSF x LoA	-11,0387818	0,035	0,313
CHR3	13534261	CHR3:13534261	SSF x LoA	-11,5078953	0,079	0,301
CHR3	13537385	CHR3:13537385	SSF x LoA	-9,8500019	0,001	0,299
CHR3	13537419	CHR3:13537419	SSF x LoA	-5,95238304	0,023	0,316
CHR3	13537435	CHR3:13537435	SSF x LoA	-9,46846617	0,051	0,299
CHR3	13537461	CHR3:13537461	SSF x LoA	-8,55218952	-0,051	0,308
CHR3	13550865	CHR3:13550865	SSF x LoA	-8,0624654	-0,019	0,311
CHR3	13553104	CHR3:13553104	SSF x LoA	-9,69910108	0,014	0,319
CHR3	13567907	CHR3:13567907	SSF x LoA	-8,88520795	0,011	0,299
CHR3	13568198	CHR3:13568198	SSF x LoA	-11,1443123	0,002	0,309
CHR3	13570917	CHR3:13570917	SSF x LoA	-11,9947392	0,066	0,301
CHR3	13576363	CHR3:13576363	SSF x LoA	-9,10092607	-0,068	0,291
CHR3	13576366	CHR3:13576366	SSF x LoA	-8,6540056	-0,081	0,286
CHR3	13586616	CHR3:13586616	SSF x LoA	-9,01352184	0,019	0,302
CHR3	13586641	CHR3:13586641	SSF x LoA	-7,25372314	0,100	0,304
CHR3	13586669	CHR3:13586669	SSF x LoA	-3,43841397	0,096	0,310
CHR3	13586679	CHR3:13586679	SSF x LoA	-8,38758589	0,040	0,304
CHR3	13586704	CHR3:13586704	SSF x LoA	-9,17831897	0,022	0,299
CHR3	13586712	CHR3:13586712	SSF x LoA	-7,57541803	0,074	0,301
CHR3	13588720	CHR3:13588720	SSF x LoA	-11,1248563	0,072	0,310
CHR3	13599738	CHR3:13599738	SSF x LoA	-4,9424462	-0,222	0,301
CHR3	13599772	CHR3:13599772	SSF x LoA	-9,37123318	-0,135	0,298
CHR3	13599779	CHR3:13599779	SSF x LoA	-8,62148457	0,107	0,316
CHR3	13599810	CHR3:13599810	SSF x LoA	-9,12762011	-0,048	0,307
CHR3	13605399	CHR3:13605399	SSF x LoA	-11,4361622	0,001	0,294
CHR3	13605491	CHR3:13605491	SSF x LoA	-5,28032405	-0,165	0,303
CHR3	13605499	CHR3:13605499	SSF x LoA	-7,10588893	0,092	0,308
CHR3	13605701	CHR3:13605701	SSF x LoA	-9,05297066	0,114	0,310
CHR3	13623730	CHR3:13623730	SSF x LoA	-8,14583337	0,101	0,305
CHR3	13623749	CHR3:13623749	SSF x LoA	-9,6784039	0,064	0,311
CHR3	13623772	CHR3:13623772	SSF x LoA	-9,45497302	-0,088	0,309
CHR3	13623808	CHR3:13623808	SSF x LoA	-9,68802897	0,060	0,297
CHR3	13623829	CHR3:13623829	SSF x LoA	-11,1754155	-0,035	0,300
CHR3	13623854	CHR3:13623854	SSF x LoA	-7,09474855	-0,107	0,298
CHR3	13623856	CHR3:13623856	SSF x LoA	-9,90476398	0,079	0,303
CHR3	13626187	CHR3:13626187	SSF x LoA	-9,33076148	-0,039	0,299
CHR3	13626189	CHR3:13626189	SSF x LoA	-5,36856504	-0,009	0,309
CHR3	13626264	CHR3:13626264	SSF x LoA	-8,77975669	-0,079	0,316
CHR3	13626267	CHR3:13626267	SSF x LoA	-8,93776742	-0,042	0,297
CHR3	13626272	CHR3:13626272	SSF x LoA	-11,4722973	-0,055	0,299
CHR3	13626407	CHR3:13626407	SSF x LoA	-10,5688169	-0,041	0,302
CHR3	13626417	CHR3:13626417	SSF x LoA	-6,72813072	0,170	0,296
CHR3	13629366	CHR3:13629366	SSF x LoA	-10,5465606	0,096	0,317
CHR3	13629416	CHR3:13629416	SSF x LoA	-6,54948066	-0,148	0,305
CHR3	13629427	CHR3:13629427	SSF x LoA	-9,06615431	-0,088	0,308
CHR3	13629443	CHR3:13629443	SSF x LoA	-8,86097505	-0,087	0,313
CHR3	13629451	CHR3:13629451	SSF x LoA	-9,30185906	-0,090	0,309
CHR3	13629542	CHR3:13629542	SSF x LoA	-5,35570287	0,069	0,318
CHR3	13629582	CHR3:13629582	SSF x LoA	-8,29358661	-0,020	0,313
CHR3	13629609	CHR3:13629609	SSF x LoA	-7,37425368	-0,114	0,299
CHR3	13634152	CHR3:13634152	SSF x LoA	-12,0246448	-0,024	0,317

CHR3	13634179	CHR3:13634179	SSF x LoA	-10,0913189	0,005	0,319
CHR3	13634229	CHR3:13634229	SSF x LoA	-7,49044186	0,049	0,313
CHR3	13634240	CHR3:13634240	SSF x LoA	-8,01738165	-0,096	0,314
CHR3	13634261	CHR3:13634261	SSF x LoA	-7,99564912	0,127	0,314
CHR3	13652603	CHR3:13652603	SSF x LoA	-6,62119239	-0,197	0,293
CHR3	13652655	CHR3:13652655	SSF x LoA	-10,0388004	-0,010	0,298
CHR3	13652722	CHR3:13652722	SSF x LoA	-6,29707744	0,165	0,306
CHR3	13652747	CHR3:13652747	SSF x LoA	-9,1798542	0,048	0,304
CHR3	1365391	CHR3:1365391	SSF x LoA	-0,46129809	-0,177	0,295
CHR3	1365492	CHR3:1365492	SSF x LoA	-8,71783306	-0,142	0,307
CHR3	1365534	CHR3:1365534	SSF x LoA	-9,67919485	0,028	0,306
CHR3	1365589	CHR3:1365589	SSF x LoA	-8,84414912	-0,100	0,296
CHR3	1365657	CHR3:1365657	SSF x LoA	-9,96164039	-0,080	0,327
CHR3	1365701	CHR3:1365701	SSF x LoA	-7,07556564	0,166	0,296
CHR3	13659280	CHR3:13659280	SSF x LoA	-11,5954004	0,010	0,319
CHR3	13659286	CHR3:13659286	SSF x LoA	-11,106826	0,025	0,296
CHR3	13659460	CHR3:13659460	SSF x LoA	-11,2398407	-0,047	0,298
CHR3	13659482	CHR3:13659482	SSF x LoA	-7,38502049	-0,053	0,303
CHR3	13659493	CHR3:13659493	SSF x LoA	-9,92189868	-0,004	0,293
CHR3	13659496	CHR3:13659496	SSF x LoA	-10,0869233	0,018	0,306
CHR3	13659497	CHR3:13659497	SSF x LoA	-8,97176121	-0,052	0,312
CHR3	13659516	CHR3:13659516	SSF x LoA	-8,81549272	-0,007	0,296
CHR3	13659520	CHR3:13659520	SSF x LoA	-9,94955634	0,022	0,306
CHR3	13659535	CHR3:13659535	SSF x LoA	-9,40069925	0,016	0,311
CHR3	13659540	CHR3:13659540	SSF x LoA	-8,52927475	-0,007	0,302
CHR3	13659545	CHR3:13659545	SSF x LoA	-10,6609676	0,036	0,308
CHR3	13662320	CHR3:13662320	SSF x LoA	-7,2130961	-0,074	0,304
CHR3	13662581	CHR3:13662581	SSF x LoA	-10,7977165	0,058	0,307
CHR3	1366612	CHR3:1366612	SSF x LoA	-9,86006508	0,079	0,299
CHR3	13670525	CHR3:13670525	SSF x LoA	-6,20995585	0,102	0,318
CHR3	13670535	CHR3:13670535	SSF x LoA	-8,14094631	0,082	0,305
CHR3	13670682	CHR3:13670682	SSF x LoA	-8,02640385	0,097	0,307
CHR3	13670715	CHR3:13670715	SSF x LoA	-8,15762157	-0,103	0,277
CHR3	13670734	CHR3:13670734	SSF x LoA	-9,29235943	-0,125	0,310
CHR3	13680669	CHR3:13680669	SSF x LoA	-10,7830812	-0,060	0,313
CHR3	13684940	CHR3:13684940	SSF x LoA	-5,82758083	-0,062	0,319
CHR3	13684946	CHR3:13684946	SSF x LoA	-6,89254888	-0,090	0,304
CHR3	13684976	CHR3:13684976	SSF x LoA	-9,79071691	0,039	0,286
CHR3	1368649	CHR3:1368649	SSF x LoA	-8,1271863	0,026	0,315
CHR3	13686940	CHR3:13686940	SSF x LoA	-8,25266027	-0,091	0,294
CHR3	13688740	CHR3:13688740	SSF x LoA	-9,18559793	0,027	0,307
CHR3	13688800	CHR3:13688800	SSF x LoA	-10,2876362	0,063	0,306
CHR3	13699364	CHR3:13699364	SSF x LoA	-11,4131498	0,041	0,311
CHR3	13716804	CHR3:13716804	SSF x LoA	-8,70734723	0,084	0,307
CHR3	13722193	CHR3:13722193	SSF x LoA	-4,67675098	0,141	0,291
CHR3	13722250	CHR3:13722250	SSF x LoA	-6,04506165	0,163	0,299
CHR3	13722341	CHR3:13722341	SSF x LoA	-8,24426838	0,130	0,293
CHR3	13722437	CHR3:13722437	SSF x LoA	-10,1554166	0,094	0,300
CHR3	13725416	CHR3:13725416	SSF x LoA	-10,6328021	0,055	0,299
CHR3	13725421	CHR3:13725421	SSF x LoA	-11,332308	0,036	0,298
CHR3	13725458	CHR3:13725458	SSF x LoA	-8,81557006	0,088	0,299
CHR3	13725465	CHR3:13725465	SSF x LoA	-9,03981743	0,029	0,301
CHR3	13725470	CHR3:13725470	SSF x LoA	-9,01278073	-0,045	0,308

CHR3	13725501	CHR3:13725501	SSF x LoA	-7,64403317	-0,029	0,321
CHR3	13725524	CHR3:13725524	SSF x LoA	-9,22907785	-0,003	0,320
CHR3	13725586	CHR3:13725586	SSF x LoA	4,27605696	-0,046	0,313
CHR3	13725594	CHR3:13725594	SSF x LoA	-9,47237677	-0,023	0,308
CHR3	13725609	CHR3:13725609	SSF x LoA	-8,91348878	-0,022	0,317
CHR3	13725627	CHR3:13725627	SSF x LoA	-8,59650735	-0,060	0,319
CHR3	13725628	CHR3:13725628	SSF x LoA	-9,083706	-0,208	0,283
CHR3	13756200	CHR3:13756200	SSF x LoA	-8,70697246	-0,043	0,306
CHR3	13756310	CHR3:13756310	SSF x LoA	-7,65880632	-0,065	0,321
CHR3	13756355	CHR3:13756355	SSF x LoA	-8,94163555	-0,070	0,305
CHR3	13756391	CHR3:13756391	SSF x LoA	-9,31188423	0,004	0,296
CHR3	13763753	CHR3:13763753	SSF x LoA	-10,3916134	-0,031	0,297
CHR3	13772916	CHR3:13772916	SSF x LoA	-9,75133582	0,035	0,305
CHR3	13772931	CHR3:13772931	SSF x LoA	-10,7198639	-0,058	0,310
CHR3	13772934	CHR3:13772934	SSF x LoA	-7,99367136	0,103	0,313
CHR3	13772948	CHR3:13772948	SSF x LoA	-7,21507883	-0,118	0,286
CHR3	13772965	CHR3:13772965	SSF x LoA	-12,1718287	-0,031	0,305
CHR3	13772996	CHR3:13772996	SSF x LoA	-10,0101989	-0,085	0,309
CHR3	13773001	CHR3:13773001	SSF x LoA	-8,52879989	-0,103	0,301
CHR3	13773006	CHR3:13773006	SSF x LoA	-8,73135932	0,021	0,304
CHR3	13774347	CHR3:13774347	SSF x LoA	-7,42153789	-0,038	0,315
CHR3	13774368	CHR3:13774368	SSF x LoA	-9,58667634	-0,007	0,322
CHR3	13774375	CHR3:13774375	SSF x LoA	-9,02501094	0,016	0,307
CHR3	13774408	CHR3:13774408	SSF x LoA	-9,83264198	-0,026	0,290
CHR3	13774431	CHR3:13774431	SSF x LoA	-8,87693445	-0,045	0,307
CHR3	13774476	CHR3:13774476	SSF x LoA	-11,310931	-0,062	0,299
CHR3	13778488	CHR3:13778488	SSF x LoA	-10,1246887	0,028	0,307
CHR3	13778494	CHR3:13778494	SSF x LoA	-11,2932513	0,081	0,297
CHR3	13778498	CHR3:13778498	SSF x LoA	-10,7953508	-0,055	0,313
CHR3	13778502	CHR3:13778502	SSF x LoA	-8,04963634	0,074	0,300
CHR3	13778598	CHR3:13778598	SSF x LoA	-9,15549076	-0,050	0,309
CHR3	13778679	CHR3:13778679	SSF x LoA	-8,98428012	-0,042	0,308
CHR3	13781747	CHR3:13781747	SSF x LoA	-11,9921102	-0,008	0,298
CHR3	13781827	CHR3:13781827	SSF x LoA	-10,506105	0,079	0,310
CHR3	13786018	CHR3:13786018	SSF x LoA	-9,79366404	0,014	0,317
CHR3	13786880	CHR3:13786880	SSF x LoA	-10,4391883	-0,083	0,308
CHR3	13786898	CHR3:13786898	SSF x LoA	-10,5837615	0,010	0,304
CHR3	13786928	CHR3:13786928	SSF x LoA	-5,04988369	-0,102	0,301
CHR3	13786978	CHR3:13786978	SSF x LoA	-8,08224699	0,074	0,299
CHR3	13796341	CHR3:13796341	SSF x LoA	-3,88063471	0,006	0,311
CHR3	13805621	CHR3:13805621	SSF x LoA	-10,5276603	0,028	0,304
CHR3	13808444	CHR3:13808444	SSF x LoA	-8,80783866	-0,069	0,290
CHR3	13808446	CHR3:13808446	SSF x LoA	-8,30422205	-0,053	0,297
CHR3	13808450	CHR3:13808450	SSF x LoA	-8,0082205	-0,072	0,297
CHR3	13808452	CHR3:13808452	SSF x LoA	-7,14999464	-0,046	0,301
CHR3	13808467	CHR3:13808467	SSF x LoA	-8,58108683	-0,046	0,302
CHR3	13808487	CHR3:13808487	SSF x LoA	-8,27252773	-0,064	0,297
CHR3	13808527	CHR3:13808527	SSF x LoA	-10,7601094	0,029	0,311
CHR3	13821450	CHR3:13821450	SSF x LoA	-8,49098713	-0,081	0,295
CHR3	13821472	CHR3:13821472	SSF x LoA	-6,06278572	0,105	0,306
CHR3	13821477	CHR3:13821477	SSF x LoA	-10,1126365	0,061	0,322
CHR3	13821497	CHR3:13821497	SSF x LoA	-10,1664104	-0,004	0,315
CHR3	13821559	CHR3:13821559	SSF x LoA	-8,50631507	0,112	0,313

CHR3	13824854	CHR3:13824854	SSF x LoA	-12,3766183	0,000	0,306
CHR3	13824937	CHR3:13824937	SSF x LoA	-9,05615781	-0,058	0,313
CHR3	13824940	CHR3:13824940	SSF x LoA	-10,4863733	-0,027	0,300
CHR3	13831712	CHR3:13831712	SSF x LoA	-11,9472922	0,017	0,299
CHR3	13831759	CHR3:13831759	SSF x LoA	-8,75737763	-0,121	0,310
CHR3	13831804	CHR3:13831804	SSF x LoA	-8,04907154	0,012	0,309
CHR3	13831829	CHR3:13831829	SSF x LoA	-9,64490288	-0,089	0,288
CHR3	13831884	CHR3:13831884	SSF x LoA	-10,9275218	-0,139	0,297
CHR3	13831894	CHR3:13831894	SSF x LoA	-9,49462788	-0,069	0,310
CHR3	13832020	CHR3:13832020	SSF x LoA	-11,0930184	0,044	0,306
CHR3	13840009	CHR3:13840009	SSF x LoA	-3,45227285	0,181	0,303
CHR3	13848471	CHR3:13848471	SSF x LoA	-8,43371818	0,068	0,307
CHR3	13850676	CHR3:13850676	SSF x LoA	-10,2921979	-0,039	0,300
CHR3	13850682	CHR3:13850682	SSF x LoA	-10,1958882	-0,057	0,326
CHR3	13850745	CHR3:13850745	SSF x LoA	-8,70243202	0,115	0,302
CHR3	13860325	CHR3:13860325	SSF x LoA	-9,11455066	-0,154	0,296
CHR3	13860366	CHR3:13860366	SSF x LoA	-11,0903043	0,020	0,312
CHR3	13860398	CHR3:13860398	SSF x LoA	-7,83675008	-0,133	0,296
CHR3	13864015	CHR3:13864015	SSF x LoA	-8,61449837	-0,101	0,301
CHR3	13864016	CHR3:13864016	SSF x LoA	-8,49441116	-0,059	0,301
CHR3	13864019	CHR3:13864019	SSF x LoA	-7,95432336	-0,099	0,307
CHR3	13864044	CHR3:13864044	SSF x LoA	-8,43452929	0,058	0,319
CHR3	13864079	CHR3:13864079	SSF x LoA	-11,3627465	0,112	0,301
CHR3	13864081	CHR3:13864081	SSF x LoA	-8,01301902	-0,092	0,300
CHR3	13864124	CHR3:13864124	SSF x LoA	-10,883562	0,006	0,311
CHR3	13864204	CHR3:13864204	SSF x LoA	-8,51308253	0,040	0,318
CHR3	13864264	CHR3:13864264	SSF x LoA	-8,84672157	0,075	0,309
CHR3	13865562	CHR3:13865562	SSF x LoA	-7,31548894	-0,128	0,305
CHR3	13865587	CHR3:13865587	SSF x LoA	-8,69231741	0,110	0,307
CHR3	13865595	CHR3:13865595	SSF x LoA	-9,02929035	-0,017	0,312
CHR3	13871137	CHR3:13871137	SSF x LoA	-10,7099212	0,070	0,314
CHR3	1389719	CHR3:1389719	SSF x LoA	-8,14808541	-0,026	0,304
CHR3	13907447	CHR3:13907447	SSF x LoA	-8,68944677	0,057	0,306
CHR3	13908695	CHR3:13908695	SSF x LoA	-8,48167675	-0,105	0,307
CHR3	13908802	CHR3:13908802	SSF x LoA	-9,11265684	-0,011	0,297
CHR3	13910766	CHR3:13910766	SSF x LoA	-9,66095915	-0,086	0,297
CHR3	13910809	CHR3:13910809	SSF x LoA	-7,4910907	0,124	0,296
CHR3	13910859	CHR3:13910859	SSF x LoA	-11,7833683	0,020	0,313
CHR3	13911821	CHR3:13911821	SSF x LoA	-11,2799688	-0,050	0,303
CHR3	13917560	CHR3:13917560	SSF x LoA	-8,92772772	-0,133	0,304
CHR3	13917565	CHR3:13917565	SSF x LoA	-11,5022495	-0,084	0,301
CHR3	13917570	CHR3:13917570	SSF x LoA	-7,74503644	0,123	0,304
CHR3	13917578	CHR3:13917578	SSF x LoA	-9,64983748	0,135	0,294
CHR3	13917706	CHR3:13917706	SSF x LoA	-5,42013592	0,228	0,299
CHR3	1393004	CHR3:1393004	SSF x LoA	-8,16140118	0,120	0,296
CHR3	1393241	CHR3:1393241	SSF x LoA	-9,79951898	0,083	0,304
CHR3	13937528	CHR3:13937528	SSF x LoA	-7,63610404	-0,128	0,322
CHR3	13938710	CHR3:13938710	SSF x LoA	-9,24203048	-0,030	0,301
CHR3	13938724	CHR3:13938724	SSF x LoA	-9,30902495	-0,018	0,296
CHR3	13938727	CHR3:13938727	SSF x LoA	-10,455022	0,038	0,304
CHR3	13938748	CHR3:13938748	SSF x LoA	-8,51156981	-0,012	0,297
CHR3	13952030	CHR3:13952030	SSF x LoA	-7,71835211	-0,035	0,297
CHR3	13952034	CHR3:13952034	SSF x LoA	-9,09295361	-0,029	0,298

CHR3	13952121	CHR3:13952121	SSF x LoA	-4,35361649	0,049	0,302
CHR3	13952867	CHR3:13952867	SSF x LoA	-9,38623268	0,062	0,302
CHR3	1395837	CHR3:1395837	SSF x LoA	-7,35769386	0,029	0,315
CHR3	1395848	CHR3:1395848	SSF x LoA	-9,90196092	-0,103	0,311
CHR3	1395912	CHR3:1395912	SSF x LoA	-11,8327109	-0,044	0,298
CHR3	13959329	CHR3:13959329	SSF x LoA	-9,17151783	0,129	0,300
CHR3	13959521	CHR3:13959521	SSF x LoA	-9,00092555	-0,127	0,301
CHR3	13959563	CHR3:13959563	SSF x LoA	-10,9399973	0,032	0,313
CHR3	13959579	CHR3:13959579	SSF x LoA	-9,04737651	-0,042	0,310
CHR3	13962747	CHR3:13962747	SSF x LoA	-7,44856479	0,167	0,301
CHR3	13962910	CHR3:13962910	SSF x LoA	-10,802358	0,006	0,314
CHR3	13962951	CHR3:13962951	SSF x LoA	-9,38907526	0,046	0,310
CHR3	13964826	CHR3:13964826	SSF x LoA	-4,24995411	-0,154	0,295
CHR3	13964978	CHR3:13964978	SSF x LoA	-8,07587207	-0,067	0,326
CHR3	13968664	CHR3:13968664	SSF x LoA	-9,17993448	0,040	0,304
CHR3	13968669	CHR3:13968669	SSF x LoA	-9,55462521	0,032	0,308
CHR3	13968766	CHR3:13968766	SSF x LoA	-9,3618422	0,000	0,315
CHR3	13971204	CHR3:13971204	SSF x LoA	-10,0880415	0,087	0,303
CHR3	13987743	CHR3:13987743	SSF x LoA	-8,36519577	0,025	0,289
CHR3	13987818	CHR3:13987818	SSF x LoA	-9,33896345	-0,061	0,308
CHR3	13987840	CHR3:13987840	SSF x LoA	-7,1429252	-0,087	0,319
CHR3	13987842	CHR3:13987842	SSF x LoA	-7,39542259	-0,062	0,315
CHR3	13987959	CHR3:13987959	SSF x LoA	-2,61772847	0,040	0,305
CHR3	13987974	CHR3:13987974	SSF x LoA	-9,48278849	0,017	0,296
CHR3	13987981	CHR3:13987981	SSF x LoA	-9,89552693	0,013	0,303
CHR3	13987986	CHR3:13987986	SSF x LoA	-10,239887	0,034	0,303
CHR3	13988001	CHR3:13988001	SSF x LoA	-10,7590684	0,019	0,307
CHR3	13988032	CHR3:13988032	SSF x LoA	-10,3057743	0,066	0,302
CHR3	13991521	CHR3:13991521	SSF x LoA	-11,8461634	-0,025	0,296
CHR3	13991791	CHR3:13991791	SSF x LoA	-10,2079293	0,038	0,292
CHR3	13997847	CHR3:13997847	SSF x LoA	-8,60337494	-0,103	0,308
CHR3	13997938	CHR3:13997938	SSF x LoA	-11,6889895	-0,034	0,298
CHR3	14005328	CHR3:14005328	SSF x LoA	-10,1579621	-0,020	0,302
CHR3	14005386	CHR3:14005386	SSF x LoA	-8,46086946	0,041	0,308
CHR3	14005403	CHR3:14005403	SSF x LoA	-9,63491331	-0,053	0,309
CHR3	14006360	CHR3:14006360	SSF x LoA	-7,20085367	-0,050	0,299
CHR3	14006461	CHR3:14006461	SSF x LoA	-9,4291402	-0,012	0,301
CHR3	14006468	CHR3:14006468	SSF x LoA	-9,71835704	-0,067	0,300
CHR3	14020870	CHR3:14020870	SSF x LoA	-8,84834209	-0,049	0,312
CHR3	14020943	CHR3:14020943	SSF x LoA	-8,88221192	0,067	0,294
CHR3	14020954	CHR3:14020954	SSF x LoA	-8,64689034	0,102	0,308
CHR3	14021081	CHR3:14021081	SSF x LoA	-9,24400647	0,081	0,311
CHR3	14025565	CHR3:14025565	SSF x LoA	-9,82493852	-0,069	0,315
CHR3	14025659	CHR3:14025659	SSF x LoA	-10,4305489	0,081	0,312
CHR3	14028459	CHR3:14028459	SSF x LoA	-7,79675895	-0,104	0,286
CHR3	14028515	CHR3:14028515	SSF x LoA	-2,16705145	-0,089	0,324
CHR3	14028538	CHR3:14028538	SSF x LoA	-8,17586095	-0,033	0,328
CHR3	14028562	CHR3:14028562	SSF x LoA	-8,68681459	0,020	0,307
CHR3	14028566	CHR3:14028566	SSF x LoA	-9,12355261	0,028	0,307
CHR3	14028593	CHR3:14028593	SSF x LoA	-8,21565083	-0,104	0,298
CHR3	14042282	CHR3:14042282	SSF x LoA	-8,19051612	-0,142	0,300
CHR3	14042287	CHR3:14042287	SSF x LoA	-8,5477824	-0,047	0,305
CHR3	14042352	CHR3:14042352	SSF x LoA	-0,41275377	0,041	0,318

CHR3	14042355	CHR3:14042355	SSF x LoA	-7,37775134	-0,144	0,307
CHR3	14042364	CHR3:14042364	SSF x LoA	-9,61275573	0,038	0,300
CHR3	14042382	CHR3:14042382	SSF x LoA	6,65276275	-0,196	0,291
CHR3	14042392	CHR3:14042392	SSF x LoA	-6,42805338	-0,207	0,303
CHR3	14049721	CHR3:14049721	SSF x LoA	-7,89451159	0,073	0,311
CHR3	14050131	CHR3:14050131	SSF x LoA	-8,58546537	-0,060	0,311
CHR3	14050144	CHR3:14050144	SSF x LoA	-3,18807797	-0,081	0,319
CHR3	14050146	CHR3:14050146	SSF x LoA	-9,98114445	-0,045	0,310
CHR3	14051338	CHR3:14051338	SSF x LoA	-10,7536767	-0,052	0,307
CHR3	14061750	CHR3:14061750	SSF x LoA	-7,9296299	0,033	0,316
CHR3	14065092	CHR3:14065092	SSF x LoA	-10,4217958	0,050	0,296
CHR3	14065155	CHR3:14065155	SSF x LoA	-12,0583039	0,041	0,309
CHR3	14067705	CHR3:14067705	SSF x LoA	-9,28650774	0,002	0,325
CHR3	14067725	CHR3:14067725	SSF x LoA	-9,86818182	0,015	0,316
CHR3	14067771	CHR3:14067771	SSF x LoA	-5,50724276	-0,038	0,308
CHR3	14067817	CHR3:14067817	SSF x LoA	-7,61931356	-0,085	0,312
CHR3	14067824	CHR3:14067824	SSF x LoA	-7,11433109	0,061	0,308
CHR3	1407231	CHR3:1407231	SSF x LoA	-9,34219272	-0,053	0,305
CHR3	1408014	CHR3:1408014	SSF x LoA	-10,0608456	-0,082	0,307
CHR3	14080893	CHR3:14080893	SSF x LoA	-6,56532608	-0,153	0,296
CHR3	14080926	CHR3:14080926	SSF x LoA	-7,72625075	0,099	0,309
CHR3	14080970	CHR3:14080970	SSF x LoA	-10,7842185	0,014	0,309
CHR3	14080977	CHR3:14080977	SSF x LoA	-8,42258887	-0,099	0,316
CHR3	1408102	CHR3:1408102	SSF x LoA	-10,5919327	0,034	0,309
CHR3	1408112	CHR3:1408112	SSF x LoA	-9,15470098	0,065	0,302
CHR3	14086287	CHR3:14086287	SSF x LoA	-8,35593477	-0,165	0,299
CHR3	14086375	CHR3:14086375	SSF x LoA	-8,06813462	-0,145	0,295
CHR3	14086399	CHR3:14086399	SSF x LoA	-10,8188492	0,066	0,298
CHR3	14086485	CHR3:14086485	SSF x LoA	-12,0833644	0,055	0,297
CHR3	14086493	CHR3:14086493	SSF x LoA	-8,12523025	0,039	0,295
CHR3	14086504	CHR3:14086504	SSF x LoA	-9,73589014	-0,098	0,301
CHR3	14088901	CHR3:14088901	SSF x LoA	-10,1731963	-0,032	0,306
CHR3	14088916	CHR3:14088916	SSF x LoA	-7,89674279	0,111	0,306
CHR3	14088934	CHR3:14088934	SSF x LoA	-11,5095291	-0,034	0,307
CHR3	14089623	CHR3:14089623	SSF x LoA	-10,219854	0,013	0,306
CHR3	14095991	CHR3:14095991	SSF x LoA	-10,6308533	0,085	0,309
CHR3	14097005	CHR3:14097005	SSF x LoA	-7,99700052	0,104	0,310
CHR3	14097836	CHR3:14097836	SSF x LoA	-9,69857777	-0,037	0,294
CHR3	14097889	CHR3:14097889	SSF x LoA	-7,65887203	-0,062	0,308
CHR3	14102707	CHR3:14102707	SSF x LoA	-11,2031095	-0,031	0,300
CHR3	14119760	CHR3:14119760	SSF x LoA	-9,22953993	0,052	0,302
CHR3	14119787	CHR3:14119787	SSF x LoA	-8,11337205	0,042	0,306
CHR3	14119818	CHR3:14119818	SSF x LoA	-9,24455929	0,024	0,317
CHR3	14119835	CHR3:14119835	SSF x LoA	-8,63078474	0,095	0,287
CHR3	14119849	CHR3:14119849	SSF x LoA	-7,27483035	-0,075	0,299
CHR3	14127156	CHR3:14127156	SSF x LoA	-3,71900461	0,011	0,310
CHR3	14127249	CHR3:14127249	SSF x LoA	-9,92504155	0,002	0,300
CHR3	14127280	CHR3:14127280	SSF x LoA	-7,64516818	-0,134	0,296
CHR3	14127321	CHR3:14127321	SSF x LoA	-12,2167256	-0,042	0,291
CHR3	14127336	CHR3:14127336	SSF x LoA	-10,250483	-0,003	0,297
CHR3	14127377	CHR3:14127377	SSF x LoA	-9,28405599	0,043	0,303
CHR3	14127378	CHR3:14127378	SSF x LoA	-9,80036391	0,038	0,306
CHR3	14127397	CHR3:14127397	SSF x LoA	-9,32340225	0,054	0,320

CHR3	14128807	CHR3:14128807	SSF x LoA	-8,9259047	-0,027	0,294
CHR3	14128868	CHR3:14128868	SSF x LoA	-8,65073948	-0,041	0,297
CHR3	14128893	CHR3:14128893	SSF x LoA	-8,72868192	0,185	0,295
CHR3	14128897	CHR3:14128897	SSF x LoA	-4,86598863	-0,051	0,310
CHR3	14128966	CHR3:14128966	SSF x LoA	-8,22656666	0,049	0,313
CHR3	14128975	CHR3:14128975	SSF x LoA	-8,88573393	0,088	0,312
CHR3	14135523	CHR3:14135523	SSF x LoA	16,3076431	-0,116	0,308
CHR3	14135668	CHR3:14135668	SSF x LoA	-6,77979466	0,125	0,301
CHR3	14138400	CHR3:14138400	SSF x LoA	-9,27000196	-0,051	0,305
CHR3	14138529	CHR3:14138529	SSF x LoA	-9,37626725	-0,011	0,304
CHR3	14140198	CHR3:14140198	SSF x LoA	-9,28759431	0,014	0,305
CHR3	14146369	CHR3:14146369	SSF x LoA	-8,73017611	-0,099	0,304
CHR3	14146422	CHR3:14146422	SSF x LoA	-8,22013618	0,000	0,306
CHR3	14146447	CHR3:14146447	SSF x LoA	-8,84547745	0,051	0,297
CHR3	14148013	CHR3:14148013	SSF x LoA	-10,6819939	0,051	0,312
CHR3	14148018	CHR3:14148018	SSF x LoA	-8,84632513	0,144	0,295
CHR3	14166230	CHR3:14166230	SSF x LoA	-8,86319936	-0,023	0,308
CHR3	14166263	CHR3:14166263	SSF x LoA	-10,2649852	0,058	0,302
CHR3	14166304	CHR3:14166304	SSF x LoA	-9,41546199	0,087	0,313
CHR3	14166337	CHR3:14166337	SSF x LoA	-7,98879816	-0,046	0,325
CHR3	14166427	CHR3:14166427	SSF x LoA	-7,07942875	-0,066	0,317
CHR3	14169663	CHR3:14169663	SSF x LoA	-7,8433416	-0,006	0,301
CHR3	14174731	CHR3:14174731	SSF x LoA	-7,97432068	-0,096	0,307
CHR3	14174809	CHR3:14174809	SSF x LoA	-11,3277091	-0,010	0,309
CHR3	14174850	CHR3:14174850	SSF x LoA	-9,40406241	0,144	0,310
CHR3	14174882	CHR3:14174882	SSF x LoA	-3,119827	-0,019	0,305
CHR3	14174915	CHR3:14174915	SSF x LoA	-12,1875614	0,008	0,292
CHR3	14179742	CHR3:14179742	SSF x LoA	-8,74128867	-0,067	0,309
CHR3	14179800	CHR3:14179800	SSF x LoA	-11,7894911	-0,063	0,310
CHR3	14179833	CHR3:14179833	SSF x LoA	-9,36857093	-0,171	0,296
CHR3	14179842	CHR3:14179842	SSF x LoA	-8,72416205	-0,039	0,309
CHR3	14179909	CHR3:14179909	SSF x LoA	-9,63612634	-0,090	0,298
CHR3	14179914	CHR3:14179914	SSF x LoA	-10,7127103	-0,002	0,314
CHR3	14179982	CHR3:14179982	SSF x LoA	-11,6793174	0,034	0,308
CHR3	14184627	CHR3:14184627	SSF x LoA	-9,53926516	-0,037	0,321
CHR3	14184713	CHR3:14184713	SSF x LoA	-10,1194727	-0,095	0,286
CHR3	14184725	CHR3:14184725	SSF x LoA	-10,1684304	0,047	0,288
CHR3	14184787	CHR3:14184787	SSF x LoA	-4,19570377	0,021	0,303
CHR3	14187237	CHR3:14187237	SSF x LoA	-8,1324816	0,058	0,301
CHR3	14187397	CHR3:14187397	SSF x LoA	-9,94185767	-0,059	0,304
CHR3	14199024	CHR3:14199024	SSF x LoA	-8,98660589	-0,030	0,283
CHR3	14199037	CHR3:14199037	SSF x LoA	-10,4189902	-0,023	0,293
CHR3	14199045	CHR3:14199045	SSF x LoA	-9,12172229	-0,043	0,297
CHR3	14199058	CHR3:14199058	SSF x LoA	-10,5895634	-0,039	0,288
CHR3	14199061	CHR3:14199061	SSF x LoA	-8,97069819	-0,035	0,289
CHR3	14199139	CHR3:14199139	SSF x LoA	-10,0163141	-0,086	0,294
CHR3	14199141	CHR3:14199141	SSF x LoA	-7,65947328	-0,078	0,308
CHR3	14199142	CHR3:14199142	SSF x LoA	-9,84797279	-0,071	0,307
CHR3	14201695	CHR3:14201695	SSF x LoA	-11,196658	-0,015	0,312
CHR3	14214395	CHR3:14214395	SSF x LoA	-11,6970297	-0,016	0,310
CHR3	14214397	CHR3:14214397	SSF x LoA	-11,2224403	0,067	0,308
CHR3	1422471	CHR3:1422471	SSF x LoA	-8,6643365	0,059	0,302
CHR3	1422491	CHR3:1422491	SSF x LoA	-8,47155342	-0,147	0,304

CHR3	1422538	CHR3:1422538	SSF x LoA	-10,5284517	-0,077	0,303
CHR3	1422635	CHR3:1422635	SSF x LoA	-7,33325643	-0,077	0,322
CHR3	14241558	CHR3:14241558	SSF x LoA	-9,64779423	0,106	0,313
CHR3	1424530	CHR3:1424530	SSF x LoA	-5,47476397	0,073	0,313
CHR3	1424531	CHR3:1424531	SSF x LoA	-6,81796886	0,040	0,310
CHR3	1424607	CHR3:1424607	SSF x LoA	-12,2596026	-0,011	0,316
CHR3	14249553	CHR3:14249553	SSF x LoA	-4,9885628	-0,068	0,322
CHR3	14249702	CHR3:14249702	SSF x LoA	-9,81201127	-0,079	0,311
CHR3	14254788	CHR3:14254788	SSF x LoA	-9,69988151	-0,081	0,309
CHR3	14254923	CHR3:14254923	SSF x LoA	-11,370411	0,116	0,294
CHR3	14262493	CHR3:14262493	SSF x LoA	-4,73008235	0,026	0,304
CHR3	14272392	CHR3:14272392	SSF x LoA	-8,27699474	0,026	0,309
CHR3	14302378	CHR3:14302378	SSF x LoA	-8,25723015	-0,094	0,309
CHR3	14327035	CHR3:14327035	SSF x LoA	-5,04535698	-0,136	0,295
CHR3	14332842	CHR3:14332842	SSF x LoA	-8,66633675	0,058	0,309
CHR3	1434409	CHR3:1434409	SSF x LoA	-10,8965674	-0,045	0,301
CHR3	14351980	CHR3:14351980	SSF x LoA	-1,24652441	0,034	0,311
CHR3	14352069	CHR3:14352069	SSF x LoA	-9,79739776	0,060	0,297
CHR3	1436726	CHR3:1436726	SSF x LoA	-9,41089676	0,055	0,308
CHR3	1436737	CHR3:1436737	SSF x LoA	-10,9524028	-0,048	0,299
CHR3	14400099	CHR3:14400099	SSF x LoA	-9,64788922	-0,002	0,298
CHR3	14400108	CHR3:14400108	SSF x LoA	-9,66822199	0,043	0,309
CHR3	14400129	CHR3:14400129	SSF x LoA	-7,60131183	0,087	0,308
CHR3	14400149	CHR3:14400149	SSF x LoA	-10,9799013	0,047	0,301
CHR3	14400161	CHR3:14400161	SSF x LoA	-10,7536923	-0,081	0,308
CHR3	14400172	CHR3:14400172	SSF x LoA	-11,0007102	0,049	0,300
CHR3	14400219	CHR3:14400219	SSF x LoA	-8,52020649	0,020	0,301
CHR3	14400268	CHR3:14400268	SSF x LoA	-7,29770042	0,042	0,302
CHR3	14409216	CHR3:14409216	SSF x LoA	-2,5776986	0,047	0,311
CHR3	14409483	CHR3:14409483	SSF x LoA	-8,61905513	-0,050	0,313
CHR3	14430194	CHR3:14430194	SSF x LoA	-4,76154752	0,120	0,299
CHR3	14431389	CHR3:14431389	SSF x LoA	-9,79627821	-0,026	0,311
CHR3	14431395	CHR3:14431395	SSF x LoA	-7,92443913	-0,097	0,308
CHR3	14432153	CHR3:14432153	SSF x LoA	-8,18795886	0,068	0,308
CHR3	14436122	CHR3:14436122	SSF x LoA	-7,61493569	0,116	0,306
CHR3	14436145	CHR3:14436145	SSF x LoA	-8,22846578	0,088	0,312
CHR3	14436227	CHR3:14436227	SSF x LoA	-9,63452775	0,049	0,304
CHR3	14436238	CHR3:14436238	SSF x LoA	-8,62665575	-0,013	0,303
CHR3	14442809	CHR3:14442809	SSF x LoA	-8,63927427	0,094	0,293
CHR3	14442836	CHR3:14442836	SSF x LoA	-9,12619374	0,093	0,299
CHR3	14442858	CHR3:14442858	SSF x LoA	-9,41866265	0,055	0,321
CHR3	14442978	CHR3:14442978	SSF x LoA	-11,0637632	-0,010	0,321
CHR3	14443115	CHR3:14443115	SSF x LoA	-9,96601274	0,120	0,295
CHR3	14445113	CHR3:14445113	SSF x LoA	-10,2109584	-0,079	0,304
CHR3	14445130	CHR3:14445130	SSF x LoA	-10,7381751	-0,091	0,296
CHR3	14445143	CHR3:14445143	SSF x LoA	-6,20866113	0,039	0,311
CHR3	14445725	CHR3:14445725	SSF x LoA	-10,0528766	0,089	0,307
CHR3	14445941	CHR3:14445941	SSF x LoA	-10,2721125	-0,100	0,308
CHR3	1445174	CHR3:1445174	SSF x LoA	-9,27564224	-0,086	0,303
CHR3	14455114	CHR3:14455114	SSF x LoA	-8,86554605	-0,096	0,297
CHR3	14455121	CHR3:14455121	SSF x LoA	-7,81235866	-0,107	0,308
CHR3	14455138	CHR3:14455138	SSF x LoA	-9,02993182	0,096	0,313
CHR3	14455145	CHR3:14455145	SSF x LoA	-9,60271409	0,038	0,308

CHR3	14455177	CHR3:14455177	SSF x LoA	-8,3941292	0,065	0,301
CHR3	14461359	CHR3:14461359	SSF x LoA	-9,55024632	0,075	0,305
CHR3	14461366	CHR3:14461366	SSF x LoA	-8,18478163	0,072	0,303
CHR3	14461413	CHR3:14461413	SSF x LoA	-8,90033077	-0,150	0,302
CHR3	14461424	CHR3:14461424	SSF x LoA	-10,303339	0,030	0,301
CHR3	14461428	CHR3:14461428	SSF x LoA	-6,16941064	-0,052	0,307
CHR3	14464104	CHR3:14464104	SSF x LoA	-8,49890515	0,059	0,313
CHR3	14464115	CHR3:14464115	SSF x LoA	-8,93657767	0,020	0,311
CHR3	14464133	CHR3:14464133	SSF x LoA	-4,68276513	0,043	0,307
CHR3	14464147	CHR3:14464147	SSF x LoA	-11,0492105	0,053	0,304
CHR3	14464149	CHR3:14464149	SSF x LoA	-8,36854888	-0,050	0,295
CHR3	14464222	CHR3:14464222	SSF x LoA	-8,36093542	-0,076	0,307
CHR3	14465964	CHR3:14465964	SSF x LoA	-11,1126425	-0,054	0,298
CHR3	14465985	CHR3:14465985	SSF x LoA	-8,38321967	-0,056	0,301
CHR3	14466001	CHR3:14466001	SSF x LoA	-8,40685673	-0,034	0,307
CHR3	14473271	CHR3:14473271	SSF x LoA	-9,1421559	0,034	0,308
CHR3	14473315	CHR3:14473315	SSF x LoA	-8,02202696	0,092	0,290
CHR3	14473340	CHR3:14473340	SSF x LoA	-8,78494721	-0,024	0,316
CHR3	14473341	CHR3:14473341	SSF x LoA	-9,12909012	-0,013	0,297
CHR3	14473346	CHR3:14473346	SSF x LoA	-6,8677757	-0,017	0,307
CHR3	14473349	CHR3:14473349	SSF x LoA	-9,35242411	-0,027	0,302
CHR3	14473350	CHR3:14473350	SSF x LoA	-9,02366877	-0,041	0,288
CHR3	14473351	CHR3:14473351	SSF x LoA	-9,26796395	0,042	0,291
CHR3	14473359	CHR3:14473359	SSF x LoA	-10,1849068	-0,073	0,298
CHR3	14474688	CHR3:14474688	SSF x LoA	-10,304553	-0,006	0,295
CHR3	14474744	CHR3:14474744	SSF x LoA	-10,0907335	-0,020	0,316
CHR3	14474764	CHR3:14474764	SSF x LoA	-11,0052653	-0,038	0,311
CHR3	14478758	CHR3:14478758	SSF x LoA	-11,471508	-0,106	0,306
CHR3	14483147	CHR3:14483147	SSF x LoA	-8,78299592	0,075	0,300
CHR3	14483227	CHR3:14483227	SSF x LoA	-8,85090024	0,117	0,301
CHR3	14483228	CHR3:14483228	SSF x LoA	-8,53692342	0,124	0,300
CHR3	14483287	CHR3:14483287	SSF x LoA	-9,3899797	0,012	0,315
CHR3	14483294	CHR3:14483294	SSF x LoA	-7,70685529	-0,141	0,306
CHR3	14483317	CHR3:14483317	SSF x LoA	-9,83723472	-0,024	0,299
CHR3	14483339	CHR3:14483339	SSF x LoA	-10,2706669	0,155	0,299
CHR3	14483364	CHR3:14483364	SSF x LoA	-10,0328503	-0,078	0,321
CHR3	14484893	CHR3:14484893	SSF x LoA	-10,5957707	0,017	0,316
CHR3	14484920	CHR3:14484920	SSF x LoA	-7,90067893	-0,098	0,298
CHR3	14491394	CHR3:14491394	SSF x LoA	-9,2580833	-0,024	0,314
CHR3	14491424	CHR3:14491424	SSF x LoA	-11,4800428	0,029	0,307
CHR3	14495407	CHR3:14495407	SSF x LoA	-8,21529549	-0,085	0,306
CHR3	14495423	CHR3:14495423	SSF x LoA	-7,87330389	0,100	0,303
CHR3	14495449	CHR3:14495449	SSF x LoA	-7,843112	0,047	0,313
CHR3	14495508	CHR3:14495508	SSF x LoA	-8,9092415	0,071	0,302
CHR3	14502837	CHR3:14502837	SSF x LoA	-11,2739661	0,015	0,305
CHR3	14507636	CHR3:14507636	SSF x LoA	-8,62880589	0,051	0,301
CHR3	14519782	CHR3:14519782	SSF x LoA	-9,86897769	-0,055	0,306
CHR3	14519784	CHR3:14519784	SSF x LoA	-4,79032076	-0,073	0,307
CHR3	14526095	CHR3:14526095	SSF x LoA	-10,5617604	-0,049	0,306
CHR3	14526105	CHR3:14526105	SSF x LoA	-9,4416833	0,036	0,313
CHR3	14526197	CHR3:14526197	SSF x LoA	-9,49130941	-0,052	0,322
CHR3	14526199	CHR3:14526199	SSF x LoA	-10,6639274	-0,025	0,294
CHR3	14526204	CHR3:14526204	SSF x LoA	-9,67901418	-0,058	0,315

CHR3	14526234	CHR3:14526234	SSF x LoA	-10,007007	0,064	0,297
CHR3	14526262	CHR3:14526262	SSF x LoA	-8,75971365	0,026	0,292
CHR3	14531492	CHR3:14531492	SSF x LoA	-8,03627796	0,101	0,323
CHR3	14531504	CHR3:14531504	SSF x LoA	-6,34895324	0,163	0,292
CHR3	14531514	CHR3:14531514	SSF x LoA	-5,98686093	0,051	0,318
CHR3	14531519	CHR3:14531519	SSF x LoA	-6,92748085	-0,124	0,307
CHR3	14531527	CHR3:14531527	SSF x LoA	-8,35278063	0,073	0,307
CHR3	14531608	CHR3:14531608	SSF x LoA	-10,0800774	-0,021	0,327
CHR3	14531610	CHR3:14531610	SSF x LoA	-11,2455309	0,001	0,301
CHR3	14531624	CHR3:14531624	SSF x LoA	-11,2730607	-0,009	0,322
CHR3	14531726	CHR3:14531726	SSF x LoA	-9,96717822	0,005	0,312
CHR3	1453921	CHR3:1453921	SSF x LoA	-8,70290805	-0,039	0,304
CHR3	1453956	CHR3:1453956	SSF x LoA	-11,2319867	0,033	0,311
CHR3	14540152	CHR3:14540152	SSF x LoA	-9,20103833	0,107	0,311
CHR3	14540562	CHR3:14540562	SSF x LoA	-8,15268734	0,134	0,297
CHR3	14540667	CHR3:14540667	SSF x LoA	-9,49162678	0,076	0,312
CHR3	14540735	CHR3:14540735	SSF x LoA	-9,07871806	-0,095	0,290
CHR3	14546401	CHR3:14546401	SSF x LoA	-9,55109494	0,080	0,318
CHR3	14546426	CHR3:14546426	SSF x LoA	-9,11470476	-0,053	0,307
CHR3	14546436	CHR3:14546436	SSF x LoA	-8,51186287	-0,063	0,299
CHR3	14546445	CHR3:14546445	SSF x LoA	-8,51676385	-0,053	0,305
CHR3	14546455	CHR3:14546455	SSF x LoA	-9,02621758	-0,039	0,304
CHR3	14546515	CHR3:14546515	SSF x LoA	-10,4939562	-0,052	0,285
CHR3	14546519	CHR3:14546519	SSF x LoA	-8,67833155	-0,021	0,312
CHR3	14550419	CHR3:14550419	SSF x LoA	-11,1877481	0,030	0,310
CHR3	14550487	CHR3:14550487	SSF x LoA	-7,31241347	0,091	0,304
CHR3	14550528	CHR3:14550528	SSF x LoA	-9,5046681	-0,013	0,301
CHR3	14556518	CHR3:14556518	SSF x LoA	-9,53752545	0,113	0,312
CHR3	14556521	CHR3:14556521	SSF x LoA	-7,07097667	-0,030	0,309
CHR3	14563240	CHR3:14563240	SSF x LoA	-8,72656706	0,014	0,309
CHR3	14563266	CHR3:14563266	SSF x LoA	-10,2086533	0,063	0,302
CHR3	14563295	CHR3:14563295	SSF x LoA	-9,16135513	-0,011	0,299
CHR3	14563315	CHR3:14563315	SSF x LoA	-8,68317722	0,005	0,297
CHR3	14563321	CHR3:14563321	SSF x LoA	-9,13058733	0,023	0,304
CHR3	14563386	CHR3:14563386	SSF x LoA	-6,39138413	0,027	0,307
CHR3	14563387	CHR3:14563387	SSF x LoA	-8,92075936	0,027	0,306
CHR3	14563395	CHR3:14563395	SSF x LoA	-8,59398613	0,038	0,318
CHR3	14563421	CHR3:14563421	SSF x LoA	-9,07511176	0,054	0,309
CHR3	14563436	CHR3:14563436	SSF x LoA	-9,93929944	-0,018	0,321
CHR3	14563479	CHR3:14563479	SSF x LoA	-7,32418952	-0,054	0,306
CHR3	14565704	CHR3:14565704	SSF x LoA	-9,33104317	0,034	0,294
CHR3	14565732	CHR3:14565732	SSF x LoA	-10,2744256	-0,048	0,299
CHR3	14565736	CHR3:14565736	SSF x LoA	-7,97174165	0,109	0,302
CHR3	14571423	CHR3:14571423	SSF x LoA	-9,5368119	0,051	0,307
CHR3	14573550	CHR3:14573550	SSF x LoA	-9,78056918	0,020	0,313
CHR3	14573560	CHR3:14573560	SSF x LoA	-8,31057577	0,033	0,318
CHR3	14573578	CHR3:14573578	SSF x LoA	-11,8111047	-0,026	0,295
CHR3	14573605	CHR3:14573605	SSF x LoA	-10,2279477	0,016	0,298
CHR3	14573619	CHR3:14573619	SSF x LoA	-9,91301678	-0,119	0,304
CHR3	14573661	CHR3:14573661	SSF x LoA	-8,80601827	0,077	0,305
CHR3	14575871	CHR3:14575871	SSF x LoA	-4,82987047	0,104	0,289
CHR3	14575990	CHR3:14575990	SSF x LoA	-11,3632425	-0,017	0,306
CHR3	14582684	CHR3:14582684	SSF x LoA	-11,0703191	0,071	0,288

CHR3	14582717	CHR3:14582717	SSF x LoA	-10,3239948	-0,046	0,309
CHR3	14582720	CHR3:14582720	SSF x LoA	-9,21433084	-0,028	0,320
CHR3	14582753	CHR3:14582753	SSF x LoA	-9,77653743	-0,019	0,314
CHR3	14582777	CHR3:14582777	SSF x LoA	-5,72276967	-0,005	0,299
CHR3	14583002	CHR3:14583002	SSF x LoA	-10,5181258	0,036	0,310
CHR3	14583071	CHR3:14583071	SSF x LoA	-1,83454436	-0,098	0,311
CHR3	14591515	CHR3:14591515	SSF x LoA	-9,79680913	-0,033	0,318
CHR3	14595786	CHR3:14595786	SSF x LoA	-12,0813391	-0,003	0,304
CHR3	14595794	CHR3:14595794	SSF x LoA	-1,98168418	0,113	0,320
CHR3	14595806	CHR3:14595806	SSF x LoA	-8,53583879	0,086	0,298
CHR3	14595872	CHR3:14595872	SSF x LoA	-10,578672	-0,005	0,318
CHR3	14595919	CHR3:14595919	SSF x LoA	-9,55672557	0,184	0,300
CHR3	14595964	CHR3:14595964	SSF x LoA	-7,2067877	0,094	0,303
CHR3	14595986	CHR3:14595986	SSF x LoA	-9,05623962	-0,019	0,297
CHR3	14608293	CHR3:14608293	SSF x LoA	-3,36656833	-0,126	0,299
CHR3	14609419	CHR3:14609419	SSF x LoA	-8,92539479	-0,056	0,308
CHR3	14615845	CHR3:14615845	SSF x LoA	-10,2168	0,150	0,303
CHR3	14615846	CHR3:14615846	SSF x LoA	-10,0355818	0,118	0,317
CHR3	14615891	CHR3:14615891	SSF x LoA	-9,92048808	0,015	0,292
CHR3	14617487	CHR3:14617487	SSF x LoA	-11,0653046	0,085	0,308
CHR3	14617562	CHR3:14617562	SSF x LoA	-7,95490934	-0,091	0,315
CHR3	14617807	CHR3:14617807	SSF x LoA	-9,97451778	-0,031	0,312
CHR3	14632156	CHR3:14632156	SSF x LoA	-10,7406229	0,088	0,292
CHR3	14632275	CHR3:14632275	SSF x LoA	-10,2894503	-0,160	0,303
CHR3	14632333	CHR3:14632333	SSF x LoA	-10,6583243	0,034	0,315
CHR3	14640325	CHR3:14640325	SSF x LoA	-11,0988405	-0,090	0,312
CHR3	14653944	CHR3:14653944	SSF x LoA	-3,66251424	0,051	0,299
CHR3	14653951	CHR3:14653951	SSF x LoA	-7,47244882	-0,142	0,286
CHR3	14654024	CHR3:14654024	SSF x LoA	-8,6285632	-0,003	0,316
CHR3	14654033	CHR3:14654033	SSF x LoA	-6,66693284	0,140	0,310
CHR3	14654045	CHR3:14654045	SSF x LoA	-10,7139475	-0,050	0,314
CHR3	14654048	CHR3:14654048	SSF x LoA	-9,71918427	0,061	0,304
CHR3	14654327	CHR3:14654327	SSF x LoA	-8,62265118	0,092	0,308
CHR3	14654335	CHR3:14654335	SSF x LoA	-10,2270113	0,038	0,310
CHR3	14654370	CHR3:14654370	SSF x LoA	-11,2996108	0,035	0,313
CHR3	14654384	CHR3:14654384	SSF x LoA	-8,45906859	-0,062	0,311
CHR3	14654388	CHR3:14654388	SSF x LoA	-8,49618241	-0,073	0,315
CHR3	14654433	CHR3:14654433	SSF x LoA	-11,3218801	-0,087	0,305
CHR3	14656079	CHR3:14656079	SSF x LoA	-8,71717241	0,006	0,301
CHR3	14667553	CHR3:14667553	SSF x LoA	-7,9724119	-0,118	0,314
CHR3	14667561	CHR3:14667561	SSF x LoA	-7,51509023	-0,138	0,307
CHR3	14667592	CHR3:14667592	SSF x LoA	-10,1475574	-0,086	0,308
CHR3	14667698	CHR3:14667698	SSF x LoA	-8,05372918	-0,138	0,305
CHR3	14670770	CHR3:14670770	SSF x LoA	-10,7782211	-0,003	0,308
CHR3	14670773	CHR3:14670773	SSF x LoA	-8,74837278	-0,013	0,311
CHR3	14670782	CHR3:14670782	SSF x LoA	-9,40375292	-0,018	0,299
CHR3	14678585	CHR3:14678585	SSF x LoA	-11,5630552	-0,054	0,313
CHR3	14678604	CHR3:14678604	SSF x LoA	-7,91587129	-0,081	0,305
CHR3	1468437	CHR3:1468437	SSF x LoA	-9,4939489	0,013	0,308
CHR3	14684523	CHR3:14684523	SSF x LoA	-10,4759763	-0,009	0,319
CHR3	14684552	CHR3:14684552	SSF x LoA	-7,89970151	0,005	0,312
CHR3	1468508	CHR3:1468508	SSF x LoA	-10,6022741	0,030	0,315
CHR3	1468520	CHR3:1468520	SSF x LoA	-10,8243518	-0,024	0,309

CHR3	1468524	CHR3:1468524	SSF x LoA	-7,09895255	0,005	0,306
CHR3	1468605	CHR3:1468605	SSF x LoA	-7,31212262	0,059	0,304
CHR3	14693586	CHR3:14693586	SSF x LoA	-9,19444041	0,050	0,310
CHR3	14693601	CHR3:14693601	SSF x LoA	-10,4879343	-0,028	0,309
CHR3	14693607	CHR3:14693607	SSF x LoA	-9,54187269	0,037	0,301
CHR3	14693610	CHR3:14693610	SSF x LoA	-9,32384178	0,195	0,297
CHR3	14693624	CHR3:14693624	SSF x LoA	-10,0659358	-0,003	0,293
CHR3	14693680	CHR3:14693680	SSF x LoA	-11,7486894	-0,100	0,305
CHR3	14693756	CHR3:14693756	SSF x LoA	-9,56514338	-0,081	0,308
CHR3	14693767	CHR3:14693767	SSF x LoA	-10,3521707	0,008	0,319
CHR3	14693788	CHR3:14693788	SSF x LoA	-11,9033783	0,028	0,298
CHR3	14705811	CHR3:14705811	SSF x LoA	-4,15914348	-0,104	0,302
CHR3	14705868	CHR3:14705868	SSF x LoA	-8,831414	0,106	0,282
CHR3	14706777	CHR3:14706777	SSF x LoA	-9,66007901	0,093	0,298
CHR3	14708396	CHR3:14708396	SSF x LoA	-10,1355166	0,041	0,303
CHR3	14708417	CHR3:14708417	SSF x LoA	-9,15873199	0,081	0,321
CHR3	14708430	CHR3:14708430	SSF x LoA	-10,3140205	0,000	0,312
CHR3	14708619	CHR3:14708619	SSF x LoA	-8,73376293	0,065	0,310
CHR3	14715001	CHR3:14715001	SSF x LoA	-6,82326635	0,049	0,324
CHR3	14716238	CHR3:14716238	SSF x LoA	-8,88195999	-0,155	0,303
CHR3	14716301	CHR3:14716301	SSF x LoA	-9,35828959	0,002	0,310
CHR3	14717932	CHR3:14717932	SSF x LoA	-9,31882246	0,092	0,291
CHR3	14717990	CHR3:14717990	SSF x LoA	-7,35613152	-0,063	0,307
CHR3	14718022	CHR3:14718022	SSF x LoA	-8,35778282	0,112	0,301
CHR3	14725016	CHR3:14725016	SSF x LoA	-9,62942281	0,001	0,303
CHR3	14725033	CHR3:14725033	SSF x LoA	-8,52566029	-0,181	0,308
CHR3	14725034	CHR3:14725034	SSF x LoA	-9,57121535	0,022	0,311
CHR3	14725087	CHR3:14725087	SSF x LoA	-5,49501646	-0,003	0,311
CHR3	14725089	CHR3:14725089	SSF x LoA	-10,7835011	-0,004	0,302
CHR3	14729251	CHR3:14729251	SSF x LoA	-5,06571857	-0,163	0,284
CHR3	14729308	CHR3:14729308	SSF x LoA	-7,71317868	-0,167	0,296
CHR3	14729327	CHR3:14729327	SSF x LoA	-7,75799235	0,134	0,308
CHR3	14729342	CHR3:14729342	SSF x LoA	-3,76610647	-0,169	0,293
CHR3	14729369	CHR3:14729369	SSF x LoA	-7,8828115	-0,188	0,299
CHR3	14732697	CHR3:14732697	SSF x LoA	-8,9581828	-0,032	0,306
CHR3	14742760	CHR3:14742760	SSF x LoA	-10,361746	-0,048	0,297
CHR3	14742810	CHR3:14742810	SSF x LoA	-8,16907027	0,088	0,309
CHR3	14742821	CHR3:14742821	SSF x LoA	-8,38651922	0,053	0,317
CHR3	14742824	CHR3:14742824	SSF x LoA	-8,79382288	0,084	0,308
CHR3	14742836	CHR3:14742836	SSF x LoA	-9,05889164	0,074	0,309
CHR3	14742844	CHR3:14742844	SSF x LoA	-8,38631203	0,075	0,311
CHR3	14742857	CHR3:14742857	SSF x LoA	-7,14787044	0,091	0,320
CHR3	14742863	CHR3:14742863	SSF x LoA	0,42725787	0,087	0,310
CHR3	14762436	CHR3:14762436	SSF x LoA	-3,26252342	-0,034	0,306
CHR3	14762464	CHR3:14762464	SSF x LoA	-10,7349386	-0,087	0,300
CHR3	14762503	CHR3:14762503	SSF x LoA	-10,5596286	0,065	0,311
CHR3	14764047	CHR3:14764047	SSF x LoA	-8,77210122	0,040	0,307
CHR3	14764049	CHR3:14764049	SSF x LoA	-8,88291681	0,038	0,303
CHR3	14764094	CHR3:14764094	SSF x LoA	-11,9228504	0,084	0,306
CHR3	14764097	CHR3:14764097	SSF x LoA	-10,2744193	0,080	0,323
CHR3	14764112	CHR3:14764112	SSF x LoA	-6,31217677	-0,063	0,301
CHR3	14764139	CHR3:14764139	SSF x LoA	-10,8144053	-0,020	0,297
CHR3	14764153	CHR3:14764153	SSF x LoA	-8,36666846	0,076	0,301

CHR3	14764181	CHR3:14764181	SSF x LoA	-10,6523872	0,064	0,306
CHR3	14764221	CHR3:14764221	SSF x LoA	-10,0780082	0,041	0,294
CHR3	14766074	CHR3:14766074	SSF x LoA	-10,3141861	-0,062	0,298
CHR3	14766075	CHR3:14766075	SSF x LoA	-8,10151015	0,025	0,288
CHR3	14766114	CHR3:14766114	SSF x LoA	-9,70651407	-0,013	0,293
CHR3	14766144	CHR3:14766144	SSF x LoA	-9,2657386	-0,055	0,290
CHR3	14766217	CHR3:14766217	SSF x LoA	-10,4455364	-0,006	0,304
CHR3	14766228	CHR3:14766228	SSF x LoA	-8,86373512	-0,096	0,318
CHR3	14766283	CHR3:14766283	SSF x LoA	-7,8508582	0,037	0,297
CHR3	14766307	CHR3:14766307	SSF x LoA	-7,49687377	-0,014	0,304
CHR3	14766309	CHR3:14766309	SSF x LoA	-9,01832169	-0,041	0,302
CHR3	14766310	CHR3:14766310	SSF x LoA	-7,61794888	-0,103	0,303
CHR3	14766313	CHR3:14766313	SSF x LoA	-8,93548608	-0,040	0,296
CHR3	14766315	CHR3:14766315	SSF x LoA	-6,38068596	-0,042	0,308
CHR3	14766330	CHR3:14766330	SSF x LoA	-8,55916652	0,050	0,294
CHR3	14774816	CHR3:14774816	SSF x LoA	-9,26291746	0,042	0,306
CHR3	14774828	CHR3:14774828	SSF x LoA	-9,74327774	0,048	0,305
CHR3	14774837	CHR3:14774837	SSF x LoA	-6,87072245	0,093	0,308
CHR3	14774840	CHR3:14774840	SSF x LoA	-8,33519426	0,067	0,313
CHR3	14774852	CHR3:14774852	SSF x LoA	-6,81164116	-0,149	0,310
CHR3	14774893	CHR3:14774893	SSF x LoA	-9,19333927	0,171	0,278
CHR3	14774954	CHR3:14774954	SSF x LoA	-7,80044939	0,191	0,292
CHR3	14774972	CHR3:14774972	SSF x LoA	-3,43101082	-0,210	0,298
CHR3	14774998	CHR3:14774998	SSF x LoA	-7,28691513	0,127	0,299
CHR3	14777551	CHR3:14777551	SSF x LoA	-11,0352598	0,006	0,313
CHR3	14777565	CHR3:14777565	SSF x LoA	-9,99462751	0,028	0,296
CHR3	14777656	CHR3:14777656	SSF x LoA	-2,98193351	-0,037	0,303
CHR3	14784518	CHR3:14784518	SSF x LoA	-9,71997165	-0,070	0,307
CHR3	14784662	CHR3:14784662	SSF x LoA	-9,44882649	-0,040	0,297
CHR3	14784704	CHR3:14784704	SSF x LoA	-8,16277224	-0,033	0,302
CHR3	14784738	CHR3:14784738	SSF x LoA	-7,07410308	-0,045	0,304
CHR3	14785903	CHR3:14785903	SSF x LoA	-7,0483052	-0,139	0,294
CHR3	1478793	CHR3:1478793	SSF x LoA	-8,41582361	0,009	0,308
CHR3	1478812	CHR3:1478812	SSF x LoA	-7,3848522	-0,035	0,324
CHR3	1478862	CHR3:1478862	SSF x LoA	-10,4574366	-0,115	0,306
CHR3	14788720	CHR3:14788720	SSF x LoA	-10,8481216	0,116	0,306
CHR3	14788789	CHR3:14788789	SSF x LoA	-8,89187199	0,034	0,308
CHR3	14788799	CHR3:14788799	SSF x LoA	-7,8117993	0,030	0,309
CHR3	14788902	CHR3:14788902	SSF x LoA	-10,4649531	0,054	0,303
CHR3	14788942	CHR3:14788942	SSF x LoA	-8,93019167	-0,008	0,304
CHR3	14788964	CHR3:14788964	SSF x LoA	-7,84504295	0,063	0,304
CHR3	1478943	CHR3:1478943	SSF x LoA	-9,52141117	-0,038	0,314
CHR3	1478984	CHR3:1478984	SSF x LoA	-8,2746948	0,091	0,295
CHR3	14800331	CHR3:14800331	SSF x LoA	-11,1350879	0,037	0,309
CHR3	14802450	CHR3:14802450	SSF x LoA	-6,44380804	-0,094	0,304
CHR3	14802463	CHR3:14802463	SSF x LoA	-6,36153575	0,038	0,310
CHR3	14802467	CHR3:14802467	SSF x LoA	-6,88885127	0,032	0,319
CHR3	14802471	CHR3:14802471	SSF x LoA	-7,61388792	-0,002	0,308
CHR3	14802473	CHR3:14802473	SSF x LoA	-9,36849549	0,012	0,319
CHR3	14806376	CHR3:14806376	SSF x LoA	-8,68628071	-0,132	0,303
CHR3	14806456	CHR3:14806456	SSF x LoA	-8,7087391	0,059	0,310
CHR3	14807917	CHR3:14807917	SSF x LoA	-9,87562483	0,064	0,295
CHR3	14807958	CHR3:14807958	SSF x LoA	-9,6472404	0,040	0,305

CHR3	14807970	CHR3:14807970	SSF x LoA	-6,88806959	-0,022	0,309
CHR3	14807981	CHR3:14807981	SSF x LoA	-9,21810028	-0,033	0,308
CHR3	14807991	CHR3:14807991	SSF x LoA	-10,3232829	-0,007	0,305
CHR3	14811106	CHR3:14811106	SSF x LoA	-6,84169522	-0,111	0,310
CHR3	14811155	CHR3:14811155	SSF x LoA	-9,70707588	0,014	0,313
CHR3	14815021	CHR3:14815021	SSF x LoA	-8,74893393	-0,001	0,309
CHR3	14826306	CHR3:14826306	SSF x LoA	-8,57807036	0,083	0,309
CHR3	14826313	CHR3:14826313	SSF x LoA	-9,85661035	0,051	0,310
CHR3	14826368	CHR3:14826368	SSF x LoA	-8,38612665	-0,047	0,310
CHR3	14826395	CHR3:14826395	SSF x LoA	-9,88470647	-0,077	0,284
CHR3	14826401	CHR3:14826401	SSF x LoA	-11,2251944	0,002	0,322
CHR3	14826409	CHR3:14826409	SSF x LoA	-10,2373165	-0,004	0,305
CHR3	14826567	CHR3:14826567	SSF x LoA	-7,52553666	0,138	0,313
CHR3	14829762	CHR3:14829762	SSF x LoA	-9,6868778	-0,180	0,290
CHR3	14829836	CHR3:14829836	SSF x LoA	-8,2823515	0,066	0,308
CHR3	14829903	CHR3:14829903	SSF x LoA	-8,27009055	0,051	0,326
CHR3	14836144	CHR3:14836144	SSF x LoA	-7,55423546	0,178	0,279
CHR3	14836268	CHR3:14836268	SSF x LoA	-7,18574275	-0,123	0,295
CHR3	14837255	CHR3:14837255	SSF x LoA	-10,4715805	0,041	0,312
CHR3	14837309	CHR3:14837309	SSF x LoA	-8,60940875	0,071	0,283
CHR3	14837337	CHR3:14837337	SSF x LoA	-11,5468703	-0,106	0,295
CHR3	14837366	CHR3:14837366	SSF x LoA	-11,0636662	0,014	0,317
CHR3	1483747	CHR3:1483747	SSF x LoA	-6,42662607	0,048	0,310
CHR3	1484166	CHR3:1484166	SSF x LoA	-9,42062342	-0,031	0,310
CHR3	14847949	CHR3:14847949	SSF x LoA	-7,14270032	0,067	0,313
CHR3	14849246	CHR3:14849246	SSF x LoA	-10,8395026	-0,014	0,317
CHR3	14849306	CHR3:14849306	SSF x LoA	-8,46756197	-0,093	0,307
CHR3	14849348	CHR3:14849348	SSF x LoA	-10,9447592	0,003	0,306
CHR3	14849383	CHR3:14849383	SSF x LoA	-5,28821456	0,141	0,311
CHR3	14849390	CHR3:14849390	SSF x LoA	-10,5901869	-0,001	0,320
CHR3	14849392	CHR3:14849392	SSF x LoA	-7,91638565	-0,121	0,310
CHR3	14849398	CHR3:14849398	SSF x LoA	-10,3548251	-0,018	0,322
CHR3	14849425	CHR3:14849425	SSF x LoA	-11,6213717	0,015	0,308
CHR3	14858926	CHR3:14858926	SSF x LoA	-7,0576869	0,146	0,317
CHR3	14859069	CHR3:14859069	SSF x LoA	-11,6509898	0,010	0,308
CHR3	14859117	CHR3:14859117	SSF x LoA	-10,520817	0,009	0,306
CHR3	14859148	CHR3:14859148	SSF x LoA	-9,9280156	-0,055	0,321
CHR3	14859159	CHR3:14859159	SSF x LoA	-10,6275056	-0,064	0,314
CHR3	14859175	CHR3:14859175	SSF x LoA	-11,6102239	0,020	0,302
CHR3	14859182	CHR3:14859182	SSF x LoA	-10,0720053	-0,119	0,306
CHR3	14866233	CHR3:14866233	SSF x LoA	-7,55406908	-0,015	0,308
CHR3	14866261	CHR3:14866261	SSF x LoA	-8,28630118	0,046	0,308
CHR3	14866288	CHR3:14866288	SSF x LoA	-8,30208097	-0,190	0,300
CHR3	14866299	CHR3:14866299	SSF x LoA	-10,1295298	0,043	0,318
CHR3	14866301	CHR3:14866301	SSF x LoA	-7,48868039	0,100	0,314
CHR3	14866396	CHR3:14866396	SSF x LoA	-5,49101455	0,082	0,311
CHR3	14866402	CHR3:14866402	SSF x LoA	-5,25441715	0,088	0,316
CHR3	14868687	CHR3:14868687	SSF x LoA	-8,86058441	-0,006	0,309
CHR3	14868702	CHR3:14868702	SSF x LoA	-10,6398162	0,022	0,305
CHR3	14868703	CHR3:14868703	SSF x LoA	-8,06612985	-0,019	0,307
CHR3	14872158	CHR3:14872158	SSF x LoA	0,26242421	-0,138	0,313
CHR3	14872183	CHR3:14872183	SSF x LoA	-7,35571432	0,129	0,305
CHR3	14872233	CHR3:14872233	SSF x LoA	-7,39618065	0,054	0,315

CHR3	14872256	CHR3:14872256	SSF x LoA	-9,63961084	-0,062	0,315
CHR3	14872259	CHR3:14872259	SSF x LoA	-8,562542	-0,015	0,298
CHR3	14872373	CHR3:14872373	SSF x LoA	-11,7201429	-0,030	0,301
CHR3	14872403	CHR3:14872403	SSF x LoA	-9,01343912	-0,137	0,286
CHR3	14879445	CHR3:14879445	SSF x LoA	-10,4371234	0,074	0,306
CHR3	14880007	CHR3:14880007	SSF x LoA	-7,75616025	0,014	0,302
CHR3	14890255	CHR3:14890255	SSF x LoA	-8,67840631	0,027	0,317
CHR3	14890256	CHR3:14890256	SSF x LoA	-6,92244781	0,013	0,304
CHR3	14890260	CHR3:14890260	SSF x LoA	-9,43838089	0,036	0,317
CHR3	14892138	CHR3:14892138	SSF x LoA	-11,0232866	0,041	0,298
CHR3	14892169	CHR3:14892169	SSF x LoA	-11,7991	0,055	0,288
CHR3	14892188	CHR3:14892188	SSF x LoA	-6,95623052	-0,039	0,321
CHR3	14892215	CHR3:14892215	SSF x LoA	-9,45050232	-0,008	0,320
CHR3	1489551	CHR3:1489551	SSF x LoA	-11,4859214	0,013	0,308
CHR3	1489560	CHR3:1489560	SSF x LoA	-6,46216349	-0,052	0,301
CHR3	1489607	CHR3:1489607	SSF x LoA	-10,0728623	0,011	0,312
CHR3	1489746	CHR3:1489746	SSF x LoA	-6,53897914	0,166	0,301
CHR3	14900265	CHR3:14900265	SSF x LoA	-9,59497838	0,023	0,306
CHR3	14900388	CHR3:14900388	SSF x LoA	-8,38916881	0,078	0,315
CHR3	14900393	CHR3:14900393	SSF x LoA	-8,78032531	-0,083	0,306
CHR3	14900407	CHR3:14900407	SSF x LoA	-8,52762626	-0,137	0,299
CHR3	1490043	CHR3:1490043	SSF x LoA	-8,637459	0,087	0,316
CHR3	14905363	CHR3:14905363	SSF x LoA	-7,54576212	0,113	0,309
CHR3	14905395	CHR3:14905395	SSF x LoA	-11,4739702	0,079	0,310
CHR3	14905555	CHR3:14905555	SSF x LoA	-9,66389038	-0,159	0,284
CHR3	14905558	CHR3:14905558	SSF x LoA	-8,76916775	0,099	0,292
CHR3	14907337	CHR3:14907337	SSF x LoA	-11,0036454	-0,017	0,305
CHR3	14907422	CHR3:14907422	SSF x LoA	-11,5391145	-0,022	0,304
CHR3	14907558	CHR3:14907558	SSF x LoA	-9,970073	-0,094	0,303
CHR3	14924150	CHR3:14924150	SSF x LoA	-4,51687351	-0,102	0,307
CHR3	14924174	CHR3:14924174	SSF x LoA	-8,28110244	0,012	0,297
CHR3	14924195	CHR3:14924195	SSF x LoA	-9,56307909	0,010	0,315
CHR3	14927886	CHR3:14927886	SSF x LoA	-11,4481673	0,018	0,307
CHR3	14927926	CHR3:14927926	SSF x LoA	-10,7224371	0,111	0,305
CHR3	14933503	CHR3:14933503	SSF x LoA	-9,15678523	-0,134	0,314
CHR3	14933661	CHR3:14933661	SSF x LoA	-8,96270012	-0,178	0,296
CHR3	14953172	CHR3:14953172	SSF x LoA	-11,1262668	0,049	0,307
CHR3	14957520	CHR3:14957520	SSF x LoA	-8,16059177	-0,054	0,315
CHR3	14957558	CHR3:14957558	SSF x LoA	-11,0997495	0,025	0,317
CHR3	14957584	CHR3:14957584	SSF x LoA	-11,2968902	0,011	0,312
CHR3	14959024	CHR3:14959024	SSF x LoA	-10,5266187	-0,113	0,303
CHR3	14965282	CHR3:14965282	SSF x LoA	-8,65013617	-0,025	0,319
CHR3	14967483	CHR3:14967483	SSF x LoA	-11,2490916	0,042	0,302
CHR3	14967552	CHR3:14967552	SSF x LoA	-8,94423053	0,097	0,292
CHR3	14968835	CHR3:14968835	SSF x LoA	-11,3102582	-0,052	0,294
CHR3	14972314	CHR3:14972314	SSF x LoA	-10,8625116	-0,010	0,298
CHR3	14972417	CHR3:14972417	SSF x LoA	-10,9524541	-0,008	0,305
CHR3	14973256	CHR3:14973256	SSF x LoA	-7,59465527	-0,135	0,309
CHR3	14981391	CHR3:14981391	SSF x LoA	-9,48655216	0,046	0,307
CHR3	14981421	CHR3:14981421	SSF x LoA	-9,80348691	0,088	0,298
CHR3	14981442	CHR3:14981442	SSF x LoA	-9,85574523	0,057	0,298
CHR3	1498504	CHR3:1498504	SSF x LoA	-11,878682	-0,009	0,309
CHR3	1498547	CHR3:1498547	SSF x LoA	-9,68455616	-0,111	0,298

CHR3	1498572	CHR3:1498572	SSF x LoA	-8,52232535	0,142	0,315
CHR3	1498667	CHR3:1498667	SSF x LoA	-9,56875844	-0,087	0,303
CHR3	1498672	CHR3:1498672	SSF x LoA	-7,77729571	0,121	0,308
CHR3	14995276	CHR3:14995276	SSF x LoA	-8,51316914	0,080	0,323
CHR3	14995296	CHR3:14995296	SSF x LoA	-8,52189817	0,018	0,309
CHR3	14995390	CHR3:14995390	SSF x LoA	-7,14296473	-0,036	0,326
CHR3	15024482	CHR3:15024482	SSF x LoA	-9,00479757	0,021	0,306
CHR3	15024718	CHR3:15024718	SSF x LoA	-10,0376746	0,029	0,307
CHR3	15033551	CHR3:15033551	SSF x LoA	-11,7147056	-0,032	0,304
CHR3	15033663	CHR3:15033663	SSF x LoA	-10,7682091	-0,047	0,307
CHR3	15036743	CHR3:15036743	SSF x LoA	-9,51373235	0,081	0,326
CHR3	15036750	CHR3:15036750	SSF x LoA	-9,75467846	-0,077	0,314
CHR3	15036787	CHR3:15036787	SSF x LoA	-6,0048339	-0,137	0,302
CHR3	15036792	CHR3:15036792	SSF x LoA	-6,16661933	-0,187	0,301
CHR3	15036873	CHR3:15036873	SSF x LoA	-5,86146573	0,201	0,288
CHR3	15036887	CHR3:15036887	SSF x LoA	-9,74254237	-0,038	0,303
CHR3	15036905	CHR3:15036905	SSF x LoA	-9,62910952	0,031	0,301
CHR3	15039951	CHR3:15039951	SSF x LoA	-11,0005732	-0,025	0,302
CHR3	15039960	CHR3:15039960	SSF x LoA	-10,0019744	0,035	0,308
CHR3	15039966	CHR3:15039966	SSF x LoA	-11,5270632	-0,010	0,307
CHR3	15039981	CHR3:15039981	SSF x LoA	-8,70466977	0,061	0,304
CHR3	15039986	CHR3:15039986	SSF x LoA	-7,28306973	-0,106	0,310
CHR3	15040027	CHR3:15040027	SSF x LoA	-11,7390113	0,009	0,300
CHR3	15040038	CHR3:15040038	SSF x LoA	-11,3179082	0,055	0,303
CHR3	15040151	CHR3:15040151	SSF x LoA	-10,5965832	0,101	0,294
CHR3	15046125	CHR3:15046125	SSF x LoA	-8,50063447	-0,093	0,302
CHR3	15046140	CHR3:15046140	SSF x LoA	-9,54488661	0,071	0,298
CHR3	15048473	CHR3:15048473	SSF x LoA	-10,6180087	0,017	0,300
CHR3	15048619	CHR3:15048619	SSF x LoA	-8,27707939	0,078	0,307
CHR3	15048627	CHR3:15048627	SSF x LoA	-10,9184706	0,064	0,305
CHR3	15048668	CHR3:15048668	SSF x LoA	-9,4561916	0,028	0,313
CHR3	15052897	CHR3:15052897	SSF x LoA	-9,28244337	0,027	0,312
CHR3	15054865	CHR3:15054865	SSF x LoA	-11,2707307	0,082	0,303
CHR3	15057783	CHR3:15057783	SSF x LoA	-9,62102731	-0,044	0,267
CHR3	15057793	CHR3:15057793	SSF x LoA	-7,03781263	-0,084	0,277
CHR3	15057821	CHR3:15057821	SSF x LoA	-10,3812692	-0,094	0,287
CHR3	15057843	CHR3:15057843	SSF x LoA	-9,71011129	-0,074	0,298
CHR3	15057849	CHR3:15057849	SSF x LoA	-9,00086969	0,063	0,286
CHR3	15057858	CHR3:15057858	SSF x LoA	-10,265846	0,052	0,294
CHR3	15060788	CHR3:15060788	SSF x LoA	-9,32533911	0,001	0,311
CHR3	15060894	CHR3:15060894	SSF x LoA	-11,3689761	0,138	0,302
CHR3	15063289	CHR3:15063289	SSF x LoA	-8,35505611	0,026	0,308
CHR3	15063299	CHR3:15063299	SSF x LoA	-8,66774552	0,015	0,314
CHR3	15063319	CHR3:15063319	SSF x LoA	-8,20318139	-0,075	0,298
CHR3	1507070	CHR3:1507070	SSF x LoA	-8,4940831	0,037	0,310
CHR3	1507121	CHR3:1507121	SSF x LoA	-12,0977249	0,023	0,300
CHR3	15074873	CHR3:15074873	SSF x LoA	-8,5863966	-0,036	0,317
CHR3	15096436	CHR3:15096436	SSF x LoA	-9,2548072	0,037	0,316
CHR3	15111777	CHR3:15111777	SSF x LoA	-10,3796996	-0,003	0,306
CHR3	15112033	CHR3:15112033	SSF x LoA	-9,96530234	0,075	0,313
CHR3	15112047	CHR3:15112047	SSF x LoA	-8,84012364	0,108	0,322
CHR3	15117353	CHR3:15117353	SSF x LoA	-11,1661467	-0,002	0,309
CHR3	15118407	CHR3:15118407	SSF x LoA	-9,55448131	0,048	0,310

CHR3	15118467	CHR3:15118467	SSF x LoA	-7,97346283	0,136	0,311
CHR3	15118506	CHR3:15118506	SSF x LoA	-8,75693242	0,017	0,322
CHR3	15126610	CHR3:15126610	SSF x LoA	-9,38509702	-0,173	0,303
CHR3	15132637	CHR3:15132637	SSF x LoA	-5,31688894	0,111	0,306
CHR3	15132707	CHR3:15132707	SSF x LoA	-11,3414422	-0,007	0,305
CHR3	15132784	CHR3:15132784	SSF x LoA	-4,94490222	0,151	0,289
CHR3	15139006	CHR3:15139006	SSF x LoA	-8,22921233	-0,006	0,310
CHR3	15139083	CHR3:15139083	SSF x LoA	-8,84706257	-0,081	0,299
CHR3	15167296	CHR3:15167296	SSF x LoA	-7,96331551	0,062	0,294
CHR3	15167324	CHR3:15167324	SSF x LoA	-10,9557237	0,020	0,309
CHR3	15167342	CHR3:15167342	SSF x LoA	-4,87969434	0,113	0,302
CHR3	15167391	CHR3:15167391	SSF x LoA	-7,44326996	-0,094	0,316
CHR3	15167419	CHR3:15167419	SSF x LoA	-8,94109573	0,070	0,299
CHR3	15169257	CHR3:15169257	SSF x LoA	-1,58158225	-0,176	0,314
CHR3	15169272	CHR3:15169272	SSF x LoA	-9,75074263	-0,029	0,308
CHR3	15169294	CHR3:15169294	SSF x LoA	-7,1436009	-0,173	0,302
CHR3	15169333	CHR3:15169333	SSF x LoA	-5,85227743	0,095	0,312
CHR3	15169385	CHR3:15169385	SSF x LoA	-9,0849068	0,027	0,313
CHR3	15169401	CHR3:15169401	SSF x LoA	-10,3925072	0,069	0,309
CHR3	15169476	CHR3:15169476	SSF x LoA	-6,37017532	-0,120	0,294
CHR3	15169507	CHR3:15169507	SSF x LoA	-8,05841251	-0,131	0,298
CHR3	15169535	CHR3:15169535	SSF x LoA	-10,3272456	0,000	0,300
CHR3	15174363	CHR3:15174363	SSF x LoA	-9,11027997	-0,051	0,312
CHR3	15174402	CHR3:15174402	SSF x LoA	-7,96327242	0,095	0,306
CHR3	15174423	CHR3:15174423	SSF x LoA	-5,4142285	0,104	0,299
CHR3	15174437	CHR3:15174437	SSF x LoA	-2,83776529	-0,077	0,313
CHR3	15174443	CHR3:15174443	SSF x LoA	-8,49021205	0,065	0,323
CHR3	15185216	CHR3:15185216	SSF x LoA	-9,28720902	-0,066	0,304
CHR3	15185240	CHR3:15185240	SSF x LoA	-7,90037995	-0,042	0,308
CHR3	15185367	CHR3:15185367	SSF x LoA	-8,32111572	-0,035	0,309
CHR3	15192462	CHR3:15192462	SSF x LoA	-8,82733148	-0,069	0,298
CHR3	15206978	CHR3:15206978	SSF x LoA	-9,1510868	0,075	0,317
CHR3	15207128	CHR3:15207128	SSF x LoA	-8,38032981	-0,019	0,316
CHR3	15215570	CHR3:15215570	SSF x LoA	-10,8475482	0,042	0,304
CHR3	15215668	CHR3:15215668	SSF x LoA	-9,61692979	0,070	0,283
CHR3	15215702	CHR3:15215702	SSF x LoA	-8,82080154	0,027	0,313
CHR3	15215786	CHR3:15215786	SSF x LoA	-10,6865322	0,123	0,304
CHR3	15215796	CHR3:15215796	SSF x LoA	-10,1058382	-0,073	0,316
CHR3	15215816	CHR3:15215816	SSF x LoA	-10,4097547	0,041	0,304
CHR3	15218208	CHR3:15218208	SSF x LoA	-0,58458232	0,129	0,309
CHR3	15228993	CHR3:15228993	SSF x LoA	-9,01746472	-0,063	0,322
CHR3	15229083	CHR3:15229083	SSF x LoA	-8,67752665	0,025	0,303
CHR3	15229185	CHR3:15229185	SSF x LoA	-10,6096469	0,028	0,309
CHR3	15229187	CHR3:15229187	SSF x LoA	-11,3222667	0,041	0,309
CHR3	15230883	CHR3:15230883	SSF x LoA	-8,93448144	-0,032	0,305
CHR3	15230884	CHR3:15230884	SSF x LoA	-8,58430028	-0,080	0,299
CHR3	15230896	CHR3:15230896	SSF x LoA	-7,64686596	-0,059	0,316
CHR3	15230907	CHR3:15230907	SSF x LoA	-8,34726786	-0,098	0,299
CHR3	15230991	CHR3:15230991	SSF x LoA	-9,05001979	0,025	0,300
CHR3	15230995	CHR3:15230995	SSF x LoA	-7,3153277	0,054	0,316
CHR3	15230997	CHR3:15230997	SSF x LoA	-4,65706157	0,024	0,315
CHR3	15231057	CHR3:15231057	SSF x LoA	-8,65329278	-0,108	0,302
CHR3	15251770	CHR3:15251770	SSF x LoA	-10,0308919	0,034	0,308

CHR3	15251816	CHR3:15251816	SSF x LoA	-8,74396442	-0,116	0,298
CHR3	15267671	CHR3:15267671	SSF x LoA	-8,14198495	0,057	0,314
CHR3	15267688	CHR3:15267688	SSF x LoA	-9,8558196	0,120	0,304
CHR3	15267765	CHR3:15267765	SSF x LoA	-10,9659515	0,036	0,301
CHR3	15275234	CHR3:15275234	SSF x LoA	-6,35296304	-0,110	0,305
CHR3	15275319	CHR3:15275319	SSF x LoA	-8,10369733	0,122	0,305
CHR3	15275398	CHR3:15275398	SSF x LoA	-10,7412198	-0,032	0,306
CHR3	15284460	CHR3:15284460	SSF x LoA	-10,596712	-0,079	0,303
CHR3	15286708	CHR3:15286708	SSF x LoA	-10,1862936	-0,004	0,316
CHR3	15288875	CHR3:15288875	SSF x LoA	-6,71248546	0,183	0,301
CHR3	15288878	CHR3:15288878	SSF x LoA	-8,22846195	0,193	0,290
CHR3	15288928	CHR3:15288928	SSF x LoA	-10,5295073	0,051	0,309
CHR3	15297596	CHR3:15297596	SSF x LoA	-8,75516365	0,031	0,307
CHR3	15297632	CHR3:15297632	SSF x LoA	-9,55701909	0,020	0,294
CHR3	15297645	CHR3:15297645	SSF x LoA	-4,99476953	0,009	0,300
CHR3	15297725	CHR3:15297725	SSF x LoA	-7,21300628	-0,102	0,310
CHR3	15297731	CHR3:15297731	SSF x LoA	-8,67247139	0,020	0,306
CHR3	15297734	CHR3:15297734	SSF x LoA	-8,22120024	-0,024	0,324
CHR3	15297814	CHR3:15297814	SSF x LoA	-7,99738739	-0,019	0,300
CHR3	15301598	CHR3:15301598	SSF x LoA	-8,96263241	0,127	0,297
CHR3	15301811	CHR3:15301811	SSF x LoA	-8,85935787	0,121	0,298
CHR3	15301812	CHR3:15301812	SSF x LoA	-7,66555916	0,155	0,310
CHR3	15301836	CHR3:15301836	SSF x LoA	-7,47914816	0,124	0,300
CHR3	15301842	CHR3:15301842	SSF x LoA	-8,87698982	0,083	0,313
CHR3	15303881	CHR3:15303881	SSF x LoA	-8,77110928	-0,044	0,314
CHR3	15303922	CHR3:15303922	SSF x LoA	-8,08053649	0,078	0,299
CHR3	15303954	CHR3:15303954	SSF x LoA	-8,94318681	0,014	0,327
CHR3	15307923	CHR3:15307923	SSF x LoA	-6,61529216	0,055	0,311
CHR3	15311490	CHR3:15311490	SSF x LoA	-7,69813065	-0,151	0,302
CHR3	15311636	CHR3:15311636	SSF x LoA	-8,9394528	-0,102	0,304
CHR3	15315127	CHR3:15315127	SSF x LoA	2,59582728	-0,148	0,294
CHR3	15321825	CHR3:15321825	SSF x LoA	-10,9412949	0,004	0,309
CHR3	15321891	CHR3:15321891	SSF x LoA	-8,44861151	0,062	0,315
CHR3	15322206	CHR3:15322206	SSF x LoA	-8,78346576	0,079	0,321
CHR3	15322265	CHR3:15322265	SSF x LoA	-8,53414226	0,066	0,309
CHR3	15355584	CHR3:15355584	SSF x LoA	-10,4699592	0,101	0,304
CHR3	15355587	CHR3:15355587	SSF x LoA	-9,50678385	0,092	0,314
CHR3	15363456	CHR3:15363456	SSF x LoA	-11,5866132	-0,003	0,298
CHR3	15363501	CHR3:15363501	SSF x LoA	-10,5204982	0,007	0,311
CHR3	15364257	CHR3:15364257	SSF x LoA	-7,07487098	0,088	0,300
CHR3	15367379	CHR3:15367379	SSF x LoA	-8,52829926	-0,103	0,304
CHR3	15367455	CHR3:15367455	SSF x LoA	-5,33398277	-0,108	0,306
CHR3	15371325	CHR3:15371325	SSF x LoA	-10,0913401	-0,121	0,295
CHR3	15371343	CHR3:15371343	SSF x LoA	-7,86716555	0,074	0,323
CHR3	15371376	CHR3:15371376	SSF x LoA	-10,5163825	-0,036	0,306
CHR3	15371591	CHR3:15371591	SSF x LoA	-9,03230502	0,006	0,319
CHR3	15379937	CHR3:15379937	SSF x LoA	-9,87609954	0,002	0,305
CHR3	15380129	CHR3:15380129	SSF x LoA	-9,58168268	0,022	0,310
CHR3	15386875	CHR3:15386875	SSF x LoA	-9,46589118	0,070	0,301
CHR3	15386910	CHR3:15386910	SSF x LoA	-8,63600751	0,017	0,310
CHR3	15387002	CHR3:15387002	SSF x LoA	-9,44611764	0,063	0,305
CHR3	15392840	CHR3:15392840	SSF x LoA	-7,7410819	0,063	0,302
CHR3	15392851	CHR3:15392851	SSF x LoA	-8,21090987	0,019	0,314

CHR3	15395310	CHR3:15395310	SSF x LoA	-9,05730219	-0,064	0,304
CHR3	15399470	CHR3:15399470	SSF x LoA	-5,83794248	0,113	0,303
CHR3	15401939	CHR3:15401939	SSF x LoA	-10,2237836	0,001	0,304
CHR3	15409513	CHR3:15409513	SSF x LoA	-3,17674542	0,011	0,323
CHR3	15409599	CHR3:15409599	SSF x LoA	-7,9396851	-0,017	0,305
CHR3	15412564	CHR3:15412564	SSF x LoA	-8,85867149	-0,091	0,314
CHR3	15414802	CHR3:15414802	SSF x LoA	-9,37423165	0,060	0,297
CHR3	15417066	CHR3:15417066	SSF x LoA	-9,7975592	0,024	0,327
CHR3	15418368	CHR3:15418368	SSF x LoA	-11,1865462	-0,118	0,295
CHR3	15418392	CHR3:15418392	SSF x LoA	-7,22117464	-0,084	0,309
CHR3	15418467	CHR3:15418467	SSF x LoA	-10,0367033	-0,063	0,315
CHR3	15418515	CHR3:15418515	SSF x LoA	-10,3416027	-0,050	0,305
CHR3	15432149	CHR3:15432149	SSF x LoA	-7,13838617	-0,167	0,306
CHR3	15432154	CHR3:15432154	SSF x LoA	-9,09157326	0,133	0,300
CHR3	15432168	CHR3:15432168	SSF x LoA	-9,9144242	0,062	0,310
CHR3	15439600	CHR3:15439600	SSF x LoA	-9,47698084	0,011	0,298
CHR3	15439647	CHR3:15439647	SSF x LoA	-9,94247939	-0,041	0,302
CHR3	15440014	CHR3:15440014	SSF x LoA	-12,2012496	0,002	0,307
CHR3	15444343	CHR3:15444343	SSF x LoA	-11,9224326	-0,036	0,295
CHR3	15451914	CHR3:15451914	SSF x LoA	-10,3257368	-0,001	0,300
CHR3	15451915	CHR3:15451915	SSF x LoA	-9,57342017	0,015	0,314
CHR3	15454168	CHR3:15454168	SSF x LoA	-10,342608	0,048	0,298
CHR3	15462150	CHR3:15462150	SSF x LoA	-10,2974819	0,096	0,303
CHR3	15462187	CHR3:15462187	SSF x LoA	-8,89261522	-0,077	0,303
CHR3	15462205	CHR3:15462205	SSF x LoA	-2,33367018	-0,117	0,298
CHR3	15468364	CHR3:15468364	SSF x LoA	5,62425936	-0,098	0,308
CHR3	15476640	CHR3:15476640	SSF x LoA	-10,5762874	-0,048	0,305
CHR3	15476662	CHR3:15476662	SSF x LoA	-7,96505717	-0,075	0,325
CHR3	15480858	CHR3:15480858	SSF x LoA	-7,90905257	0,101	0,314
CHR3	15483735	CHR3:15483735	SSF x LoA	-9,58691377	-0,001	0,311
CHR3	15483818	CHR3:15483818	SSF x LoA	-9,25731948	-0,010	0,307
CHR3	15492485	CHR3:15492485	SSF x LoA	-8,76539991	0,043	0,315
CHR3	15492491	CHR3:15492491	SSF x LoA	-8,7620623	0,200	0,295
CHR3	15492511	CHR3:15492511	SSF x LoA	-10,2778533	0,029	0,307
CHR3	15494383	CHR3:15494383	SSF x LoA	-4,86746683	0,078	0,318
CHR3	15494467	CHR3:15494467	SSF x LoA	-9,38399326	-0,040	0,294
CHR3	15496992	CHR3:15496992	SSF x LoA	-10,5767482	0,092	0,312
CHR3	15497008	CHR3:15497008	SSF x LoA	-7,10323463	0,079	0,308
CHR3	15497034	CHR3:15497034	SSF x LoA	-8,52164114	0,010	0,310
CHR3	15497289	CHR3:15497289	SSF x LoA	-10,2934796	-0,007	0,306
CHR3	15497331	CHR3:15497331	SSF x LoA	-3,79833553	0,108	0,309
CHR3	15507505	CHR3:15507505	SSF x LoA	-10,8921043	0,038	0,310
CHR3	15507642	CHR3:15507642	SSF x LoA	-10,1170279	0,010	0,297
CHR3	15510068	CHR3:15510068	SSF x LoA	-9,07778595	0,027	0,309
CHR3	15510157	CHR3:15510157	SSF x LoA	-11,6260533	0,006	0,300
CHR3	15510175	CHR3:15510175	SSF x LoA	-8,4092513	-0,083	0,299
CHR3	15510298	CHR3:15510298	SSF x LoA	-9,71420291	0,122	0,303
CHR3	15524686	CHR3:15524686	SSF x LoA	-9,83671219	-0,049	0,307
CHR3	15529525	CHR3:15529525	SSF x LoA	6,24047331	-0,058	0,309
CHR3	15529776	CHR3:15529776	SSF x LoA	-10,2043814	0,013	0,313
CHR3	15531177	CHR3:15531177	SSF x LoA	-10,8599556	0,004	0,306
CHR3	15535505	CHR3:15535505	SSF x LoA	-2,62196327	-0,054	0,303
CHR3	15574785	CHR3:15574785	SSF x LoA	-3,26547845	0,017	0,310

CHR3	15587935	CHR3:15587935	SSF x LoA	-8,46321311	0,073	0,298
CHR3	15587991	CHR3:15587991	SSF x LoA	-10,1284346	-0,068	0,308
CHR3	15596973	CHR3:15596973	SSF x LoA	-7,71197253	-0,010	0,314
CHR3	15597051	CHR3:15597051	SSF x LoA	-10,2585529	0,000	0,310
CHR3	15635870	CHR3:15635870	SSF x LoA	-7,55047031	0,079	0,310
CHR3	15635950	CHR3:15635950	SSF x LoA	-2,25462405	0,214	0,305
CHR3	15637035	CHR3:15637035	SSF x LoA	-6,48549783	-0,175	0,296
CHR3	15649949	CHR3:15649949	SSF x LoA	-11,1401439	0,009	0,307
CHR3	15661856	CHR3:15661856	SSF x LoA	-8,76265544	-0,069	0,308
CHR3	15664716	CHR3:15664716	SSF x LoA	-11,0143137	-0,079	0,302
CHR3	15664770	CHR3:15664770	SSF x LoA	-9,28321674	-0,016	0,305
CHR3	1566642	CHR3:1566642	SSF x LoA	-7,78371976	0,054	0,299
CHR3	15679344	CHR3:15679344	SSF x LoA	-8,53866205	-0,179	0,305
CHR3	15679368	CHR3:15679368	SSF x LoA	-6,67174813	-0,215	0,287
CHR3	15679406	CHR3:15679406	SSF x LoA	-7,18128362	0,178	0,308
CHR3	15679450	CHR3:15679450	SSF x LoA	-11,0533503	-0,041	0,317
CHR3	15681503	CHR3:15681503	SSF x LoA	-8,7111098	-0,003	0,316
CHR3	15684500	CHR3:15684500	SSF x LoA	-11,2813116	0,015	0,311
CHR3	15684535	CHR3:15684535	SSF x LoA	-6,50416339	0,103	0,311
CHR3	15684541	CHR3:15684541	SSF x LoA	-5,4460435	0,063	0,298
CHR3	15684590	CHR3:15684590	SSF x LoA	-9,39977194	0,029	0,312
CHR3	15684593	CHR3:15684593	SSF x LoA	-6,9398644	0,005	0,315
CHR3	15684597	CHR3:15684597	SSF x LoA	0,06387166	0,020	0,304
CHR3	15684599	CHR3:15684599	SSF x LoA	-8,09630768	-0,115	0,314
CHR3	15684619	CHR3:15684619	SSF x LoA	-8,89234444	0,141	0,305
CHR3	15684656	CHR3:15684656	SSF x LoA	-12,4492445	-0,053	0,300
CHR3	15693277	CHR3:15693277	SSF x LoA	-10,7253661	-0,017	0,315
CHR3	15693316	CHR3:15693316	SSF x LoA	-9,39310105	0,032	0,305
CHR3	15693396	CHR3:15693396	SSF x LoA	-8,79800595	0,053	0,301
CHR3	15696655	CHR3:15696655	SSF x LoA	-8,29203871	0,175	0,307
CHR3	15697754	CHR3:15697754	SSF x LoA	-10,618873	0,032	0,303
CHR3	15697755	CHR3:15697755	SSF x LoA	-9,45685134	0,034	0,306
CHR3	15697756	CHR3:15697756	SSF x LoA	-9,55883329	0,109	0,311
CHR3	15704941	CHR3:15704941	SSF x LoA	-11,380682	-0,028	0,281
CHR3	15704950	CHR3:15704950	SSF x LoA	-6,04707119	0,162	0,301
CHR3	15704957	CHR3:15704957	SSF x LoA	-9,1772708	0,147	0,308
CHR3	15704976	CHR3:15704976	SSF x LoA	-8,85970609	0,040	0,304
CHR3	15704982	CHR3:15704982	SSF x LoA	-10,3015144	0,101	0,307
CHR3	15708531	CHR3:15708531	SSF x LoA	-4,92165905	-0,049	0,303
CHR3	15708545	CHR3:15708545	SSF x LoA	-8,05830797	-0,039	0,308
CHR3	15708546	CHR3:15708546	SSF x LoA	-7,42777293	0,040	0,300
CHR3	15708555	CHR3:15708555	SSF x LoA	-9,07829602	0,019	0,307
CHR3	15708587	CHR3:15708587	SSF x LoA	-11,1465955	-0,004	0,302
CHR3	15708614	CHR3:15708614	SSF x LoA	-7,52799447	-0,135	0,310
CHR3	15708630	CHR3:15708630	SSF x LoA	-8,19994688	-0,062	0,317
CHR3	15712607	CHR3:15712607	SSF x LoA	-9,59592351	-0,017	0,299
CHR3	15712625	CHR3:15712625	SSF x LoA	-8,46215347	-0,093	0,306
CHR3	15712657	CHR3:15712657	SSF x LoA	-9,99025694	0,032	0,299
CHR3	15712801	CHR3:15712801	SSF x LoA	-8,22402094	0,059	0,311
CHR3	15712805	CHR3:15712805	SSF x LoA	-8,43646603	0,054	0,312
CHR3	15712807	CHR3:15712807	SSF x LoA	-9,01753867	0,025	0,302
CHR3	15712818	CHR3:15712818	SSF x LoA	-7,01986546	0,019	0,318
CHR3	15712827	CHR3:15712827	SSF x LoA	-9,08223115	-0,005	0,318

CHR3	15712837	CHR3:15712837	SSF x LoA	-9,15675539	0,015	0,312
CHR3	15713954	CHR3:15713954	SSF x LoA	-10,756879	0,018	0,319
CHR3	15714004	CHR3:15714004	SSF x LoA	-8,56119434	0,053	0,308
CHR3	15714210	CHR3:15714210	SSF x LoA	-7,9626348	0,079	0,313
CHR3	15714273	CHR3:15714273	SSF x LoA	-12,5786523	0,014	0,306
CHR3	15741205	CHR3:15741205	SSF x LoA	-9,24579398	-0,026	0,309
CHR3	15741303	CHR3:15741303	SSF x LoA	-9,74308553	-0,022	0,311
CHR3	15741394	CHR3:15741394	SSF x LoA	-9,73182531	0,025	0,307
CHR3	15755009	CHR3:15755009	SSF x LoA	-9,5100407	-0,025	0,314
CHR3	15755305	CHR3:15755305	SSF x LoA	-10,6690951	0,127	0,311
CHR3	15764532	CHR3:15764532	SSF x LoA	-8,22375913	0,049	0,325
CHR3	15764559	CHR3:15764559	SSF x LoA	-9,90162419	0,059	0,314
CHR3	15764560	CHR3:15764560	SSF x LoA	-8,98073679	0,069	0,311
CHR3	15764585	CHR3:15764585	SSF x LoA	-6,20850905	0,131	0,301
CHR3	15764589	CHR3:15764589	SSF x LoA	-7,58496316	0,053	0,301
CHR3	15764590	CHR3:15764590	SSF x LoA	-7,56662545	0,126	0,314
CHR3	15766291	CHR3:15766291	SSF x LoA	-2,66140106	-0,122	0,319
CHR3	15766327	CHR3:15766327	SSF x LoA	-9,28936217	0,108	0,304
CHR3	15766336	CHR3:15766336	SSF x LoA	-10,5465162	-0,004	0,317
CHR3	15766339	CHR3:15766339	SSF x LoA	-7,78049314	-0,059	0,307
CHR3	15766387	CHR3:15766387	SSF x LoA	-4,85617565	0,051	0,309
CHR3	15766390	CHR3:15766390	SSF x LoA	-9,853551	0,074	0,313
CHR3	15766396	CHR3:15766396	SSF x LoA	-7,70969852	0,121	0,302
CHR3	15766405	CHR3:15766405	SSF x LoA	-9,66619652	0,074	0,309
CHR3	15766408	CHR3:15766408	SSF x LoA	-10,1761582	0,088	0,309
CHR3	15766413	CHR3:15766413	SSF x LoA	-10,2791538	0,080	0,301
CHR3	15766439	CHR3:15766439	SSF x LoA	-7,82972969	-0,118	0,309
CHR3	15766476	CHR3:15766476	SSF x LoA	1,43942836	-0,049	0,314
CHR3	15766484	CHR3:15766484	SSF x LoA	-12,2282196	-0,011	0,316
CHR3	15766507	CHR3:15766507	SSF x LoA	-7,47257049	0,090	0,305
CHR3	15769497	CHR3:15769497	SSF x LoA	-9,88764408	-0,094	0,304
CHR3	15769580	CHR3:15769580	SSF x LoA	-10,6258144	-0,082	0,308
CHR3	15769596	CHR3:15769596	SSF x LoA	-9,48917222	-0,074	0,303
CHR3	15771462	CHR3:15771462	SSF x LoA	-11,043059	0,050	0,314
CHR3	15771473	CHR3:15771473	SSF x LoA	-5,66206286	0,089	0,305
CHR3	15771474	CHR3:15771474	SSF x LoA	-9,2478792	-0,090	0,309
CHR3	15771523	CHR3:15771523	SSF x LoA	-11,1322483	0,016	0,313
CHR3	15771584	CHR3:15771584	SSF x LoA	-8,26093588	0,109	0,311
CHR3	15771622	CHR3:15771622	SSF x LoA	-9,85935372	-0,018	0,309
CHR3	15771672	CHR3:15771672	SSF x LoA	-10,8538992	-0,017	0,316
CHR3	15783485	CHR3:15783485	SSF x LoA	-8,07077053	-0,053	0,295
CHR3	15783489	CHR3:15783489	SSF x LoA	-7,67004032	0,174	0,304
CHR3	15783525	CHR3:15783525	SSF x LoA	-0,83861065	0,269	0,288
CHR3	15783527	CHR3:15783527	SSF x LoA	-8,38934787	-0,204	0,291
CHR3	15783579	CHR3:15783579	SSF x LoA	3,78883318	0,235	0,286
CHR3	15783603	CHR3:15783603	SSF x LoA	-8,59701576	-0,043	0,310
CHR3	15805455	CHR3:15805455	SSF x LoA	-9,52703933	-0,035	0,321
CHR3	15805476	CHR3:15805476	SSF x LoA	-7,4407115	-0,006	0,325
CHR3	15807178	CHR3:15807178	SSF x LoA	-9,16939741	0,050	0,307
CHR3	15807277	CHR3:15807277	SSF x LoA	-10,063831	0,017	0,315
CHR3	15812183	CHR3:15812183	SSF x LoA	-10,0518954	0,067	0,321
CHR3	15825106	CHR3:15825106	SSF x LoA	-12,0652285	0,037	0,302
CHR3	15825505	CHR3:15825505	SSF x LoA	-7,90350529	0,007	0,309

CHR3	15828970	CHR3:15828970	SSF x LoA	-10,3172141	0,076	0,302
CHR3	15829081	CHR3:15829081	SSF x LoA	-8,77052106	-0,001	0,315
CHR3	15830259	CHR3:15830259	SSF x LoA	-9,44010837	0,031	0,308
CHR3	15831306	CHR3:15831306	SSF x LoA	-10,3293832	-0,091	0,295
CHR3	15831310	CHR3:15831310	SSF x LoA	-8,30862148	-0,114	0,297
CHR3	15832767	CHR3:15832767	SSF x LoA	-8,19508004	0,034	0,331
CHR3	15832774	CHR3:15832774	SSF x LoA	-9,95408868	-0,064	0,318
CHR3	15837849	CHR3:15837849	SSF x LoA	-6,20494479	0,077	0,310
CHR3	15860260	CHR3:15860260	SSF x LoA	-11,4338639	-0,049	0,305
CHR3	15868359	CHR3:15868359	SSF x LoA	-10,3723154	-0,043	0,312
CHR3	15868370	CHR3:15868370	SSF x LoA	-8,64361476	0,110	0,300
CHR3	15868403	CHR3:15868403	SSF x LoA	-7,08289843	-0,125	0,308
CHR3	15868443	CHR3:15868443	SSF x LoA	-7,87594497	-0,080	0,308
CHR3	15868453	CHR3:15868453	SSF x LoA	-8,05219451	-0,044	0,311
CHR3	15868462	CHR3:15868462	SSF x LoA	-9,69071128	-0,073	0,314
CHR3	15870170	CHR3:15870170	SSF x LoA	-8,32434688	-0,008	0,298
CHR3	15870183	CHR3:15870183	SSF x LoA	-9,91461435	0,002	0,300
CHR3	15872633	CHR3:15872633	SSF x LoA	-11,845041	-0,020	0,310
CHR3	15872785	CHR3:15872785	SSF x LoA	-11,3524822	0,018	0,308
CHR3	15872841	CHR3:15872841	SSF x LoA	-11,2841683	-0,036	0,301
CHR3	15875793	CHR3:15875793	SSF x LoA	-9,27469757	-0,038	0,299
CHR3	15875988	CHR3:15875988	SSF x LoA	-11,3942569	0,011	0,313
CHR3	15880523	CHR3:15880523	SSF x LoA	-10,6779116	-0,033	0,303
CHR3	15880561	CHR3:15880561	SSF x LoA	-11,0965407	0,003	0,314
CHR3	15880617	CHR3:15880617	SSF x LoA	-10,0703363	-0,094	0,300
CHR3	15888085	CHR3:15888085	SSF x LoA	-8,29207119	0,015	0,316
CHR3	15888153	CHR3:15888153	SSF x LoA	-9,89890358	0,001	0,307
CHR3	15892043	CHR3:15892043	SSF x LoA	-8,06462002	0,070	0,321
CHR3	15892054	CHR3:15892054	SSF x LoA	-9,22815631	0,026	0,304
CHR3	15892078	CHR3:15892078	SSF x LoA	-8,3469687	0,066	0,307
CHR3	15895390	CHR3:15895390	SSF x LoA	-8,62674843	0,072	0,296
CHR3	15906058	CHR3:15906058	SSF x LoA	-8,90589961	0,098	0,300
CHR3	15906059	CHR3:15906059	SSF x LoA	-8,13078749	0,149	0,303
CHR3	15906091	CHR3:15906091	SSF x LoA	-9,12126707	0,092	0,307
CHR3	15906152	CHR3:15906152	SSF x LoA	-8,46798382	0,067	0,292
CHR3	15908880	CHR3:15908880	SSF x LoA	-9,89549582	-0,022	0,310
CHR3	15911476	CHR3:15911476	SSF x LoA	-11,6473538	0,069	0,303
CHR3	15911496	CHR3:15911496	SSF x LoA	-8,64855634	0,001	0,297
CHR3	15911502	CHR3:15911502	SSF x LoA	-10,5623921	-0,040	0,309
CHR3	15911513	CHR3:15911513	SSF x LoA	-5,63807804	0,031	0,299
CHR3	15911569	CHR3:15911569	SSF x LoA	-7,23582656	0,022	0,298
CHR3	15911570	CHR3:15911570	SSF x LoA	-9,79222658	0,124	0,302
CHR3	15915081	CHR3:15915081	SSF x LoA	-8,33511646	-0,118	0,300
CHR3	15915111	CHR3:15915111	SSF x LoA	-5,23520844	0,004	0,309
CHR3	15918901	CHR3:15918901	SSF x LoA	-11,4490885	0,067	0,302
CHR3	15918907	CHR3:15918907	SSF x LoA	-9,72270255	-0,112	0,301
CHR3	15918927	CHR3:15918927	SSF x LoA	-11,0857384	-0,024	0,311
CHR3	15921297	CHR3:15921297	SSF x LoA	-6,35758389	0,102	0,315
CHR3	15921342	CHR3:15921342	SSF x LoA	-9,89426288	-0,005	0,320
CHR3	15924232	CHR3:15924232	SSF x LoA	-9,22750267	0,037	0,310
CHR3	15924257	CHR3:15924257	SSF x LoA	-6,30673759	0,148	0,285
CHR3	15924267	CHR3:15924267	SSF x LoA	-7,58460324	0,149	0,296
CHR3	15924310	CHR3:15924310	SSF x LoA	-9,24051677	-0,155	0,298

CHR3	15924328	CHR3:15924328	SSF x LoA	-8,58264082	-0,140	0,307
CHR3	15924385	CHR3:15924385	SSF x LoA	-7,773172	0,068	0,319
CHR3	15924457	CHR3:15924457	SSF x LoA	-7,31915328	0,112	0,292
CHR3	15929995	CHR3:15929995	SSF x LoA	-8,49149161	-0,041	0,296
CHR3	15930011	CHR3:15930011	SSF x LoA	-6,24074225	0,060	0,308
CHR3	15930017	CHR3:15930017	SSF x LoA	-9,18672796	0,034	0,293
CHR3	15930053	CHR3:15930053	SSF x LoA	-10,118379	-0,042	0,309
CHR3	15930181	CHR3:15930181	SSF x LoA	-6,79284334	0,086	0,310
CHR3	15937861	CHR3:15937861	SSF x LoA	-9,63621404	-0,060	0,298
CHR3	15937884	CHR3:15937884	SSF x LoA	-8,22379654	-0,028	0,313
CHR3	15937935	CHR3:15937935	SSF x LoA	-9,59331709	-0,047	0,320
CHR3	15938028	CHR3:15938028	SSF x LoA	-10,7541493	0,022	0,305
CHR3	15948749	CHR3:15948749	SSF x LoA	-9,82681553	-0,028	0,300
CHR3	15948763	CHR3:15948763	SSF x LoA	-9,87061176	-0,072	0,290
CHR3	15948772	CHR3:15948772	SSF x LoA	-9,50417348	0,075	0,306
CHR3	15948827	CHR3:15948827	SSF x LoA	-10,1435726	-0,004	0,293
CHR3	15950104	CHR3:15950104	SSF x LoA	-8,40055687	0,061	0,302
CHR3	15950204	CHR3:15950204	SSF x LoA	-10,3272745	0,048	0,316
CHR3	15952687	CHR3:15952687	SSF x LoA	-4,79802892	-0,035	0,312
CHR3	15952714	CHR3:15952714	SSF x LoA	-9,52237451	-0,046	0,313
CHR3	15967709	CHR3:15967709	SSF x LoA	-10,8865077	-0,040	0,306
CHR3	15972104	CHR3:15972104	SSF x LoA	-8,56389794	-0,119	0,292
CHR3	15972118	CHR3:15972118	SSF x LoA	-8,10051005	0,139	0,306
CHR3	15972181	CHR3:15972181	SSF x LoA	-9,91257013	0,101	0,306
CHR3	15972324	CHR3:15972324	SSF x LoA	-8,40587703	0,103	0,297
CHR3	15972338	CHR3:15972338	SSF x LoA	-9,13566994	-0,162	0,299
CHR3	15983824	CHR3:15983824	SSF x LoA	-7,92173404	-0,080	0,309
CHR3	15985908	CHR3:15985908	SSF x LoA	-7,09497892	0,162	0,303
CHR3	15985954	CHR3:15985954	SSF x LoA	-6,90906542	0,158	0,299
CHR3	15985957	CHR3:15985957	SSF x LoA	-10,7282294	0,051	0,297
CHR3	15985987	CHR3:15985987	SSF x LoA	-9,6166809	0,012	0,319
CHR3	15986008	CHR3:15986008	SSF x LoA	-8,0922524	-0,008	0,309
CHR3	15986022	CHR3:15986022	SSF x LoA	-9,50194779	0,095	0,301
CHR3	15989221	CHR3:15989221	SSF x LoA	-8,7419676	-0,139	0,317
CHR3	15993745	CHR3:15993745	SSF x LoA	-9,69662404	-0,049	0,315
CHR3	16007881	CHR3:16007881	SSF x LoA	-11,2192634	-0,028	0,305
CHR3	16008106	CHR3:16008106	SSF x LoA	-5,76224846	0,101	0,300
CHR3	16008108	CHR3:16008108	SSF x LoA	-7,56836505	0,091	0,299
CHR3	16016791	CHR3:16016791	SSF x LoA	-10,626427	0,027	0,319
CHR3	16016890	CHR3:16016890	SSF x LoA	-8,17158061	-0,019	0,311
CHR3	16016975	CHR3:16016975	SSF x LoA	-9,29945587	0,008	0,306
CHR3	16024560	CHR3:16024560	SSF x LoA	-9,71828744	0,027	0,307
CHR3	16029379	CHR3:16029379	SSF x LoA	-9,92127255	-0,005	0,305
CHR3	16035036	CHR3:16035036	SSF x LoA	-5,17803852	-0,092	0,301
CHR3	16037209	CHR3:16037209	SSF x LoA	-10,8971195	0,036	0,302
CHR3	16037227	CHR3:16037227	SSF x LoA	-9,62410845	-0,080	0,299
CHR3	16037238	CHR3:16037238	SSF x LoA	-10,4783155	0,003	0,314
CHR3	16037247	CHR3:16037247	SSF x LoA	-7,46714291	-0,115	0,310
CHR3	16058707	CHR3:16058707	SSF x LoA	-9,47909451	0,103	0,309
CHR3	16058715	CHR3:16058715	SSF x LoA	-9,07072411	0,086	0,299
CHR3	16061298	CHR3:16061298	SSF x LoA	-9,73528071	-0,111	0,305
CHR3	16061317	CHR3:16061317	SSF x LoA	-9,04716129	0,003	0,323
CHR3	16072485	CHR3:16072485	SSF x LoA	-10,0402944	-0,050	0,301

CHR3	16072685	CHR3:16072685	SSF x LoA	-6,13536064	0,061	0,298
CHR3	16080389	CHR3:16080389	SSF x LoA	-9,34301985	0,010	0,312
CHR3	16080398	CHR3:16080398	SSF x LoA	-7,71630438	-0,021	0,318
CHR3	16080405	CHR3:16080405	SSF x LoA	-9,77538346	0,007	0,308
CHR3	16080524	CHR3:16080524	SSF x LoA	-8,08475884	-0,126	0,308
CHR3	16080530	CHR3:16080530	SSF x LoA	5,25781808	-0,144	0,304
CHR3	16090156	CHR3:16090156	SSF x LoA	-8,60077373	-0,078	0,303
CHR3	16090347	CHR3:16090347	SSF x LoA	-9,36460873	0,095	0,322
CHR3	16105770	CHR3:16105770	SSF x LoA	-9,66772289	0,099	0,313
CHR3	16105773	CHR3:16105773	SSF x LoA	-10,7287417	0,032	0,319
CHR3	16111473	CHR3:16111473	SSF x LoA	-8,49962266	0,006	0,309
CHR3	16111474	CHR3:16111474	SSF x LoA	-9,67462743	-0,049	0,305
CHR3	16111487	CHR3:16111487	SSF x LoA	-10,8314514	0,000	0,311
CHR3	16111488	CHR3:16111488	SSF x LoA	-9,49436004	-0,007	0,309
CHR3	16111549	CHR3:16111549	SSF x LoA	-8,65949804	-0,023	0,313
CHR3	16111551	CHR3:16111551	SSF x LoA	-7,14632742	-0,060	0,312
CHR3	16112857	CHR3:16112857	SSF x LoA	-11,2166983	-0,085	0,306
CHR3	16113923	CHR3:16113923	SSF x LoA	-12,2291323	-0,047	0,294
CHR3	16114057	CHR3:16114057	SSF x LoA	-10,8331173	0,091	0,306
CHR3	16114140	CHR3:16114140	SSF x LoA	-12,2571951	-0,020	0,302
CHR3	16132683	CHR3:16132683	SSF x LoA	-9,55820416	0,004	0,288
CHR3	16132687	CHR3:16132687	SSF x LoA	-8,10809635	0,050	0,296
CHR3	16132854	CHR3:16132854	SSF x LoA	-11,2889165	-0,034	0,297
CHR3	16134935	CHR3:16134935	SSF x LoA	-10,6786356	-0,037	0,316
CHR3	16134944	CHR3:16134944	SSF x LoA	-11,0705243	-0,036	0,329
CHR3	16134945	CHR3:16134945	SSF x LoA	-10,2780254	0,013	0,303
CHR3	16134960	CHR3:16134960	SSF x LoA	-9,507442	0,040	0,309
CHR3	16135014	CHR3:16135014	SSF x LoA	-7,76257334	-0,008	0,299
CHR3	16135043	CHR3:16135043	SSF x LoA	-10,4958242	0,014	0,308
CHR3	16135068	CHR3:16135068	SSF x LoA	-11,1188378	-0,010	0,306
CHR3	16139060	CHR3:16139060	SSF x LoA	-2,9789289	-0,196	0,297
CHR3	16186649	CHR3:16186649	SSF x LoA	-10,1398027	0,004	0,292
CHR3	16189425	CHR3:16189425	SSF x LoA	-8,32999605	-0,058	0,292
CHR3	16189466	CHR3:16189466	SSF x LoA	-10,0310002	-0,069	0,309
CHR3	16189548	CHR3:16189548	SSF x LoA	-8,90394462	0,036	0,312
CHR3	16189551	CHR3:16189551	SSF x LoA	-7,29209561	0,059	0,316
CHR3	16189575	CHR3:16189575	SSF x LoA	-10,0875678	-0,057	0,287
CHR3	16189620	CHR3:16189620	SSF x LoA	-8,70328768	0,017	0,316
CHR3	16189621	CHR3:16189621	SSF x LoA	-8,51752844	-0,090	0,306
CHR3	16193730	CHR3:16193730	SSF x LoA	-9,08905408	-0,032	0,318
CHR3	16193901	CHR3:16193901	SSF x LoA	-9,61610624	-0,003	0,308
CHR3	16193927	CHR3:16193927	SSF x LoA	-10,3188741	-0,039	0,307
CHR3	16193953	CHR3:16193953	SSF x LoA	-6,50936206	-0,083	0,314
CHR3	1619804	CHR3:1619804	SSF x LoA	-7,94870282	0,130	0,302
CHR3	1619955	CHR3:1619955	SSF x LoA	-7,5170729	0,162	0,294
CHR3	16208950	CHR3:16208950	SSF x LoA	-9,20341053	-0,028	0,303
CHR3	16212659	CHR3:16212659	SSF x LoA	-9,11050304	0,126	0,308
CHR3	16212711	CHR3:16212711	SSF x LoA	-9,579077	-0,071	0,303
CHR3	16230282	CHR3:16230282	SSF x LoA	-8,72635481	0,099	0,311
CHR3	16230298	CHR3:16230298	SSF x LoA	-5,05001293	0,087	0,317
CHR3	16230336	CHR3:16230336	SSF x LoA	-6,12663309	-0,141	0,301
CHR3	16230474	CHR3:16230474	SSF x LoA	-9,43364648	0,076	0,301
CHR3	16230496	CHR3:16230496	SSF x LoA	-8,55780948	-0,069	0,323

CHR3	16249007	CHR3:16249007	SSF x LoA	-8,91905387	0,128	0,306
CHR3	16262031	CHR3:16262031	SSF x LoA	-7,67880423	0,022	0,314
CHR3	16262070	CHR3:16262070	SSF x LoA	-10,1154422	0,053	0,310
CHR3	16262117	CHR3:16262117	SSF x LoA	-9,17816364	-0,111	0,311
CHR3	16262153	CHR3:16262153	SSF x LoA	-10,6011944	0,008	0,301
CHR3	16263587	CHR3:16263587	SSF x LoA	-9,29545166	-0,116	0,306
CHR3	16274609	CHR3:16274609	SSF x LoA	-9,37620249	0,010	0,304
CHR3	16274653	CHR3:16274653	SSF x LoA	-8,68071799	0,069	0,311
CHR3	16274714	CHR3:16274714	SSF x LoA	-9,53569404	0,002	0,310
CHR3	16282339	CHR3:16282339	SSF x LoA	-10,8730414	-0,037	0,307
CHR3	16284868	CHR3:16284868	SSF x LoA	-8,94408885	-0,056	0,308
CHR3	16284941	CHR3:16284941	SSF x LoA	-9,05456662	-0,011	0,303
CHR3	16284960	CHR3:16284960	SSF x LoA	-8,73280338	-0,097	0,314
CHR3	16303533	CHR3:16303533	SSF x LoA	-10,7623821	-0,059	0,299
CHR3	16303647	CHR3:16303647	SSF x LoA	-9,14371899	-0,071	0,300
CHR3	16303788	CHR3:16303788	SSF x LoA	-10,6211088	0,044	0,314
CHR3	16305380	CHR3:16305380	SSF x LoA	-8,52053537	0,003	0,299
CHR3	16322511	CHR3:16322511	SSF x LoA	-8,04032612	0,067	0,299
CHR3	16322539	CHR3:16322539	SSF x LoA	-6,02175229	0,089	0,309
CHR3	16322583	CHR3:16322583	SSF x LoA	-7,40257635	0,056	0,298
CHR3	16323979	CHR3:16323979	SSF x LoA	-10,7038794	0,062	0,308
CHR3	16328139	CHR3:16328139	SSF x LoA	0,10527448	-0,150	0,302
CHR3	16332145	CHR3:16332145	SSF x LoA	-11,0255525	-0,039	0,309
CHR3	16332172	CHR3:16332172	SSF x LoA	-8,66545705	-0,084	0,310
CHR3	16332244	CHR3:16332244	SSF x LoA	-8,94573479	-0,119	0,294
CHR3	16332265	CHR3:16332265	SSF x LoA	-7,94852235	-0,109	0,298
CHR3	16336834	CHR3:16336834	SSF x LoA	-8,08278346	-0,122	0,306
CHR3	16336861	CHR3:16336861	SSF x LoA	-8,44244757	-0,079	0,295
CHR3	16336908	CHR3:16336908	SSF x LoA	-7,86394804	-0,065	0,302
CHR3	16336914	CHR3:16336914	SSF x LoA	-9,42581752	-0,035	0,301
CHR3	16336921	CHR3:16336921	SSF x LoA	-7,47463724	-0,030	0,306
CHR3	16336956	CHR3:16336956	SSF x LoA	-8,58254283	-0,034	0,307
CHR3	16340273	CHR3:16340273	SSF x LoA	-7,50189177	-0,048	0,305
CHR3	16350272	CHR3:16350272	SSF x LoA	-7,46640638	-0,035	0,307
CHR3	16357020	CHR3:16357020	SSF x LoA	-6,75855551	-0,099	0,314
CHR3	16364679	CHR3:16364679	SSF x LoA	-4,15546781	-0,225	0,302
CHR3	16364924	CHR3:16364924	SSF x LoA	-6,2234292	-0,109	0,314
CHR3	16379042	CHR3:16379042	SSF x LoA	-9,40029897	0,000	0,311
CHR3	16379144	CHR3:16379144	SSF x LoA	-7,05375368	-0,076	0,304
CHR3	16379191	CHR3:16379191	SSF x LoA	-11,0606749	-0,125	0,306
CHR3	16388353	CHR3:16388353	SSF x LoA	-9,19208791	-0,076	0,312
CHR3	16388354	CHR3:16388354	SSF x LoA	-9,25963726	-0,106	0,306
CHR3	16388364	CHR3:16388364	SSF x LoA	-8,58164424	-0,045	0,304
CHR3	16388366	CHR3:16388366	SSF x LoA	-9,57386795	-0,014	0,310
CHR3	16388372	CHR3:16388372	SSF x LoA	-5,89824031	0,017	0,307
CHR3	16388374	CHR3:16388374	SSF x LoA	-8,3274994	0,009	0,320
CHR3	16388375	CHR3:16388375	SSF x LoA	-9,527283	-0,025	0,298
CHR3	16388416	CHR3:16388416	SSF x LoA	-10,7195791	0,050	0,302
CHR3	16388426	CHR3:16388426	SSF x LoA	-8,35588298	-0,011	0,304
CHR3	16406868	CHR3:16406868	SSF x LoA	-8,72231721	-0,081	0,305
CHR3	16407001	CHR3:16407001	SSF x LoA	-2,10996152	0,097	0,295
CHR3	16407064	CHR3:16407064	SSF x LoA	-7,62196167	0,093	0,317
CHR3	16408519	CHR3:16408519	SSF x LoA	-7,24484718	0,094	0,296

CHR3	16408634	CHR3:16408634	SSF x LoA	-8,8703274	-0,057	0,317
CHR3	16408674	CHR3:16408674	SSF x LoA	-9,32475605	0,018	0,300
CHR3	16408687	CHR3:16408687	SSF x LoA	-9,70526052	0,081	0,305
CHR3	16408698	CHR3:16408698	SSF x LoA	-9,84791334	-0,001	0,322
CHR3	16415145	CHR3:16415145	SSF x LoA	-10,5558874	-0,006	0,293
CHR3	16415184	CHR3:16415184	SSF x LoA	-5,53848933	-0,135	0,315
CHR3	16415185	CHR3:16415185	SSF x LoA	-9,74528568	-0,118	0,286
CHR3	16415242	CHR3:16415242	SSF x LoA	-11,4022276	0,026	0,302
CHR3	16419636	CHR3:16419636	SSF x LoA	-9,49682942	-0,003	0,303
CHR3	16421052	CHR3:16421052	SSF x LoA	-7,15287153	0,145	0,302
CHR3	16421076	CHR3:16421076	SSF x LoA	-11,31494	0,058	0,302
CHR3	16421134	CHR3:16421134	SSF x LoA	-7,53447015	0,092	0,310
CHR3	16421135	CHR3:16421135	SSF x LoA	-9,82078547	0,012	0,311
CHR3	16421213	CHR3:16421213	SSF x LoA	-8,1799164	-0,136	0,297
CHR3	16430258	CHR3:16430258	SSF x LoA	-10,1772721	0,017	0,316
CHR3	16436439	CHR3:16436439	SSF x LoA	-10,4814093	0,003	0,316
CHR3	16436448	CHR3:16436448	SSF x LoA	-11,0465311	0,027	0,303
CHR3	16444272	CHR3:16444272	SSF x LoA	-7,84223973	-0,078	0,312
CHR3	16444293	CHR3:16444293	SSF x LoA	-7,53714133	0,028	0,302
CHR3	16471627	CHR3:16471627	SSF x LoA	-6,30744032	0,154	0,295
CHR3	16471677	CHR3:16471677	SSF x LoA	-8,89681578	0,043	0,307
CHR3	16471705	CHR3:16471705	SSF x LoA	-7,14944733	0,021	0,316
CHR3	16473582	CHR3:16473582	SSF x LoA	-7,5313399	0,076	0,310
CHR3	16501812	CHR3:16501812	SSF x LoA	-9,12317033	0,004	0,296
CHR3	16511313	CHR3:16511313	SSF x LoA	-8,68348843	-0,096	0,311
CHR3	16511318	CHR3:16511318	SSF x LoA	-1,73161911	0,172	0,293
CHR3	16511593	CHR3:16511593	SSF x LoA	-10,9481798	0,044	0,309
CHR3	16518411	CHR3:16518411	SSF x LoA	-6,51038767	0,107	0,302
CHR3	16531247	CHR3:16531247	SSF x LoA	-8,06870419	-0,124	0,296
CHR3	16534489	CHR3:16534489	SSF x LoA	-10,3537739	0,038	0,314
CHR3	16557282	CHR3:16557282	SSF x LoA	-8,00395085	0,088	0,309
CHR3	16567872	CHR3:16567872	SSF x LoA	-6,24364288	0,045	0,297
CHR3	16575177	CHR3:16575177	SSF x LoA	-5,31119661	0,114	0,304
CHR3	16575785	CHR3:16575785	SSF x LoA	-9,42395901	0,011	0,298
CHR3	16575820	CHR3:16575820	SSF x LoA	-7,79268441	0,015	0,299
CHR3	16589444	CHR3:16589444	SSF x LoA	-8,1103049	0,044	0,309
CHR3	16589487	CHR3:16589487	SSF x LoA	-7,59468265	0,106	0,304
CHR3	16589502	CHR3:16589502	SSF x LoA	-10,2785383	0,057	0,301
CHR3	16589503	CHR3:16589503	SSF x LoA	-10,0733811	0,052	0,305
CHR3	16589505	CHR3:16589505	SSF x LoA	-10,5231307	0,008	0,300
CHR3	16619755	CHR3:16619755	SSF x LoA	-9,63290351	-0,140	0,284
CHR3	16619779	CHR3:16619779	SSF x LoA	-9,19987474	-0,035	0,299
CHR3	16638662	CHR3:16638662	SSF x LoA	-8,26809412	-0,022	0,316
CHR3	16638674	CHR3:16638674	SSF x LoA	-11,5194256	0,064	0,303
CHR3	16659175	CHR3:16659175	SSF x LoA	-10,3133729	0,053	0,308
CHR3	16659187	CHR3:16659187	SSF x LoA	-10,5776266	0,017	0,307
CHR3	16675029	CHR3:16675029	SSF x LoA	-11,9813627	-0,008	0,303
CHR3	16686011	CHR3:16686011	SSF x LoA	-10,3767897	0,064	0,306
CHR3	16686027	CHR3:16686027	SSF x LoA	-6,978214	0,064	0,305
CHR3	16686102	CHR3:16686102	SSF x LoA	-8,53829897	-0,122	0,304
CHR3	16700582	CHR3:16700582	SSF x LoA	-6,80721843	0,061	0,286
CHR3	16700631	CHR3:16700631	SSF x LoA	-8,89592338	0,137	0,300
CHR3	1670563	CHR3:1670563	SSF x LoA	-10,00776	-0,082	0,292

CHR3	16720730	CHR3:16720730	SSF x LoA	-8,50484157	0,064	0,306
CHR3	16720731	CHR3:16720731	SSF x LoA	-9,19686664	0,032	0,294
CHR3	16725851	CHR3:16725851	SSF x LoA	-7,87249091	-0,019	0,311
CHR3	16725969	CHR3:16725969	SSF x LoA	-9,76777434	0,017	0,307
CHR3	16726073	CHR3:16726073	SSF x LoA	-11,3727262	0,008	0,305
CHR3	16740353	CHR3:16740353	SSF x LoA	-8,51921697	-0,016	0,323
CHR3	16740366	CHR3:16740366	SSF x LoA	-10,9753737	-0,016	0,321
CHR3	16741033	CHR3:16741033	SSF x LoA	-8,56904059	0,008	0,306
CHR3	16741093	CHR3:16741093	SSF x LoA	-8,52904551	-0,019	0,313
CHR3	16741108	CHR3:16741108	SSF x LoA	-8,50277633	-0,027	0,303
CHR3	16760064	CHR3:16760064	SSF x LoA	-10,6179281	-0,027	0,300
CHR3	16760075	CHR3:16760075	SSF x LoA	-10,9345451	-0,023	0,295
CHR3	16760085	CHR3:16760085	SSF x LoA	-8,8805167	0,001	0,311
CHR3	16763246	CHR3:16763246	SSF x LoA	-7,407315	-0,048	0,312
CHR3	16763327	CHR3:16763327	SSF x LoA	-7,92373267	-0,094	0,297
CHR3	16763338	CHR3:16763338	SSF x LoA	2,5388353	-0,037	0,309
CHR3	16781167	CHR3:16781167	SSF x LoA	-9,69706461	-0,003	0,294
CHR3	16783475	CHR3:16783475	SSF x LoA	-9,92346925	-0,094	0,298
CHR3	16784950	CHR3:16784950	SSF x LoA	-11,1396108	-0,009	0,308
CHR3	16784999	CHR3:16784999	SSF x LoA	-8,57155366	0,012	0,313
CHR3	16787659	CHR3:16787659	SSF x LoA	-7,54271516	0,157	0,302
CHR3	16791086	CHR3:16791086	SSF x LoA	-8,84042608	0,041	0,298
CHR3	16791101	CHR3:16791101	SSF x LoA	-7,02150675	0,044	0,300
CHR3	16801529	CHR3:16801529	SSF x LoA	-9,75826403	-0,011	0,314
CHR3	16801532	CHR3:16801532	SSF x LoA	-9,03956332	-0,078	0,311
CHR3	16801691	CHR3:16801691	SSF x LoA	-10,3537456	-0,008	0,308
CHR3	16801741	CHR3:16801741	SSF x LoA	-10,2640363	-0,022	0,309
CHR3	16815460	CHR3:16815460	SSF x LoA	-8,28540629	0,020	0,299
CHR3	16821605	CHR3:16821605	SSF x LoA	-9,52506735	-0,061	0,275
CHR3	16821697	CHR3:16821697	SSF x LoA	-8,96608466	-0,181	0,292
CHR3	16824082	CHR3:16824082	SSF x LoA	-7,41144524	-0,159	0,297
CHR3	16825126	CHR3:16825126	SSF x LoA	-9,88584239	0,063	0,295
CHR3	16830679	CHR3:16830679	SSF x LoA	-10,1881879	-0,042	0,302
CHR3	16830712	CHR3:16830712	SSF x LoA	-8,34647764	0,098	0,314
CHR3	16837223	CHR3:16837223	SSF x LoA	-7,52575657	-0,060	0,312
CHR3	16837330	CHR3:16837330	SSF x LoA	-10,4727726	0,024	0,309
CHR3	16840550	CHR3:16840550	SSF x LoA	-5,47178276	0,152	0,299
CHR3	16845509	CHR3:16845509	SSF x LoA	-10,6355981	-0,096	0,303
CHR3	16846241	CHR3:16846241	SSF x LoA	-9,3457285	0,112	0,303
CHR3	16872504	CHR3:16872504	SSF x LoA	-9,38632521	-0,064	0,326
CHR3	1687410	CHR3:1687410	SSF x LoA	5,38146254	-0,108	0,310
CHR3	1687461	CHR3:1687461	SSF x LoA	-10,9215354	0,047	0,311
CHR3	16894162	CHR3:16894162	SSF x LoA	-10,3477405	0,094	0,302
CHR3	16898415	CHR3:16898415	SSF x LoA	-7,72903322	0,117	0,295
CHR3	16898443	CHR3:16898443	SSF x LoA	-11,2048993	-0,054	0,318
CHR3	16898471	CHR3:16898471	SSF x LoA	-6,97661061	0,136	0,312
CHR3	16905333	CHR3:16905333	SSF x LoA	-8,27974232	-0,001	0,301
CHR3	16905345	CHR3:16905345	SSF x LoA	-8,12784543	-0,010	0,302
CHR3	16905393	CHR3:16905393	SSF x LoA	-9,24536636	0,011	0,305
CHR3	16907157	CHR3:16907157	SSF x LoA	-9,88433726	0,016	0,315
CHR3	16907225	CHR3:16907225	SSF x LoA	-8,57194492	-0,052	0,310
CHR3	16907374	CHR3:16907374	SSF x LoA	-8,50921687	0,063	0,325
CHR3	16924458	CHR3:16924458	SSF x LoA	-9,41968032	0,085	0,303

CHR3	16926064	CHR3:16926064	SSF x LoA	-9,84043362	-0,008	0,297
CHR3	16932682	CHR3:16932682	SSF x LoA	-8,26064297	0,141	0,314
CHR3	16949342	CHR3:16949342	SSF x LoA	-11,382986	-0,049	0,315
CHR3	16961822	CHR3:16961822	SSF x LoA	-8,59796467	0,028	0,315
CHR3	16961840	CHR3:16961840	SSF x LoA	-8,65603041	-0,001	0,309
CHR3	16961861	CHR3:16961861	SSF x LoA	-7,30281936	0,045	0,316
CHR3	16961868	CHR3:16961868	SSF x LoA	-8,00441342	0,060	0,306
CHR3	16961910	CHR3:16961910	SSF x LoA	-7,11489961	0,095	0,317
CHR3	16961931	CHR3:16961931	SSF x LoA	-9,18471367	0,010	0,313
CHR3	16968639	CHR3:16968639	SSF x LoA	-9,51225846	0,040	0,314
CHR3	16977519	CHR3:16977519	SSF x LoA	-8,61366581	-0,010	0,304
CHR3	16977551	CHR3:16977551	SSF x LoA	-10,1740599	-0,086	0,311
CHR3	17005316	CHR3:17005316	SSF x LoA	-8,95086536	0,089	0,307
CHR3	17005449	CHR3:17005449	SSF x LoA	-9,91009743	-0,059	0,296
CHR3	17035726	CHR3:17035726	SSF x LoA	1,51528045	-0,038	0,303
CHR3	17035740	CHR3:17035740	SSF x LoA	-7,42770435	-0,032	0,302
CHR3	17038976	CHR3:17038976	SSF x LoA	-11,2596536	-0,063	0,297
CHR3	17038989	CHR3:17038989	SSF x LoA	-9,42705217	-0,008	0,309
CHR3	17039055	CHR3:17039055	SSF x LoA	-4,75904558	-0,042	0,304
CHR3	17039142	CHR3:17039142	SSF x LoA	-7,11119876	-0,044	0,317
CHR3	17044140	CHR3:17044140	SSF x LoA	-8,59414185	-0,065	0,312
CHR3	17044222	CHR3:17044222	SSF x LoA	-6,44674188	-0,093	0,325
CHR3	17044275	CHR3:17044275	SSF x LoA	-8,65278788	0,095	0,303
CHR3	17044281	CHR3:17044281	SSF x LoA	-8,35315505	0,008	0,303
CHR3	17044287	CHR3:17044287	SSF x LoA	-9,10657255	-0,110	0,299
CHR3	17044288	CHR3:17044288	SSF x LoA	-7,27956767	0,059	0,298
CHR3	17044671	CHR3:17044671	SSF x LoA	-5,97752172	0,074	0,305
CHR3	17049188	CHR3:17049188	SSF x LoA	-9,85726441	0,120	0,311
CHR3	17050579	CHR3:17050579	SSF x LoA	-10,7509855	0,000	0,305
CHR3	17050624	CHR3:17050624	SSF x LoA	-10,5114067	-0,013	0,312
CHR3	17050628	CHR3:17050628	SSF x LoA	-9,94658724	0,019	0,312
CHR3	17064912	CHR3:17064912	SSF x LoA	-10,4535234	0,073	0,314
CHR3	17070536	CHR3:17070536	SSF x LoA	-7,84008283	-0,152	0,325
CHR3	17070598	CHR3:17070598	SSF x LoA	-7,82191792	-0,051	0,305
CHR3	17070671	CHR3:17070671	SSF x LoA	-11,6334862	0,039	0,310
CHR3	17072925	CHR3:17072925	SSF x LoA	-8,5982616	-0,049	0,305
CHR3	17076439	CHR3:17076439	SSF x LoA	-1,70979856	0,039	0,309
CHR3	17078072	CHR3:17078072	SSF x LoA	-6,86315701	-0,003	0,297
CHR3	17145274	CHR3:17145274	SSF x LoA	-9,10066868	-0,005	0,303
CHR3	17147982	CHR3:17147982	SSF x LoA	-8,6267516	0,022	0,309
CHR3	1715039	CHR3:1715039	SSF x LoA	-6,91572898	0,050	0,308
CHR3	17152978	CHR3:17152978	SSF x LoA	-9,80201447	-0,010	0,307
CHR3	17153027	CHR3:17153027	SSF x LoA	-9,16003651	-0,048	0,310
CHR3	17153202	CHR3:17153202	SSF x LoA	-9,85867218	0,086	0,301
CHR3	17159748	CHR3:17159748	SSF x LoA	-8,78587444	-0,050	0,306
CHR3	17159850	CHR3:17159850	SSF x LoA	-10,1240783	-0,014	0,306
CHR3	17162463	CHR3:17162463	SSF x LoA	-9,01222662	0,001	0,310
CHR3	17164379	CHR3:17164379	SSF x LoA	-8,2375907	-0,005	0,302
CHR3	17164448	CHR3:17164448	SSF x LoA	-8,20911963	-0,026	0,314
CHR3	17164452	CHR3:17164452	SSF x LoA	-6,48568556	-0,039	0,305
CHR3	17208768	CHR3:17208768	SSF x LoA	-9,22658603	-0,046	0,297
CHR3	17215084	CHR3:17215084	SSF x LoA	-3,76906107	0,118	0,294
CHR3	17215190	CHR3:17215190	SSF x LoA	-9,65158093	0,038	0,310

CHR3	17215261	CHR3:17215261	SSF x LoA	-7,35997149	0,085	0,315
CHR3	17215343	CHR3:17215343	SSF x LoA	-6,12617683	0,073	0,307
CHR3	17222718	CHR3:17222718	SSF x LoA	-8,99568728	0,028	0,306
CHR3	17228512	CHR3:17228512	SSF x LoA	-6,83926769	0,067	0,305
CHR3	17230660	CHR3:17230660	SSF x LoA	-6,51531198	0,194	0,301
CHR3	17230852	CHR3:17230852	SSF x LoA	-8,26709897	-0,071	0,312
CHR3	17240728	CHR3:17240728	SSF x LoA	-10,2393127	0,010	0,302
CHR3	17244557	CHR3:17244557	SSF x LoA	-8,05623509	0,150	0,310
CHR3	17244721	CHR3:17244721	SSF x LoA	-10,5825181	0,005	0,322
CHR3	17244723	CHR3:17244723	SSF x LoA	-9,34170233	0,033	0,322
CHR3	17244726	CHR3:17244726	SSF x LoA	-10,7661173	0,047	0,316
CHR3	17244730	CHR3:17244730	SSF x LoA	-9,37406965	0,026	0,318
CHR3	17244732	CHR3:17244732	SSF x LoA	-9,57162423	0,015	0,320
CHR3	17249743	CHR3:17249743	SSF x LoA	-5,52728917	-0,127	0,304
CHR3	17249772	CHR3:17249772	SSF x LoA	-6,36238286	-0,119	0,304
CHR3	17249940	CHR3:17249940	SSF x LoA	-8,21091393	0,152	0,280
CHR3	17249959	CHR3:17249959	SSF x LoA	-8,2692101	-0,142	0,298
CHR3	17252197	CHR3:17252197	SSF x LoA	-10,3782031	-0,046	0,301
CHR3	17252294	CHR3:17252294	SSF x LoA	-7,86162233	-0,161	0,298
CHR3	17252818	CHR3:17252818	SSF x LoA	-8,95008968	-0,028	0,310
CHR3	17257268	CHR3:17257268	SSF x LoA	-9,48363827	-0,038	0,316
CHR3	17258956	CHR3:17258956	SSF x LoA	-8,66284195	-0,087	0,303
CHR3	17258961	CHR3:17258961	SSF x LoA	-10,5227501	-0,083	0,308
CHR3	17259113	CHR3:17259113	SSF x LoA	-9,89620108	0,078	0,292
CHR3	17271523	CHR3:17271523	SSF x LoA	-12,1190366	-0,014	0,315
CHR3	17271539	CHR3:17271539	SSF x LoA	-8,20718975	0,161	0,290
CHR3	17271635	CHR3:17271635	SSF x LoA	-9,50089127	0,152	0,292
CHR3	17271727	CHR3:17271727	SSF x LoA	-9,03858533	0,138	0,300
CHR3	17271765	CHR3:17271765	SSF x LoA	-6,67127088	0,138	0,296
CHR3	17288945	CHR3:17288945	SSF x LoA	-9,52816499	0,129	0,295
CHR3	17293937	CHR3:17293937	SSF x LoA	-9,45838245	-0,039	0,291
CHR3	17293944	CHR3:17293944	SSF x LoA	-9,22879692	-0,052	0,297
CHR3	1729596	CHR3:1729596	SSF x LoA	-8,89354664	0,063	0,307
CHR3	1729715	CHR3:1729715	SSF x LoA	-9,62070321	0,003	0,323
CHR3	17305776	CHR3:17305776	SSF x LoA	-10,698041	-0,013	0,309
CHR3	17316230	CHR3:17316230	SSF x LoA	-10,5078496	0,017	0,286
CHR3	17331612	CHR3:17331612	SSF x LoA	-10,6371569	-0,018	0,314
CHR3	17331721	CHR3:17331721	SSF x LoA	-3,41994345	-0,196	0,296
CHR3	17332776	CHR3:17332776	SSF x LoA	3,90994162	-0,175	0,315
CHR3	17332871	CHR3:17332871	SSF x LoA	-6,27554435	-0,156	0,318
CHR3	17334360	CHR3:17334360	SSF x LoA	-8,54013033	0,088	0,304
CHR3	17334416	CHR3:17334416	SSF x LoA	-10,6454916	0,074	0,317
CHR3	17350537	CHR3:17350537	SSF x LoA	-8,54161232	0,096	0,309
CHR3	17350564	CHR3:17350564	SSF x LoA	-8,1877667	-0,002	0,315
CHR3	17350635	CHR3:17350635	SSF x LoA	-9,50891015	0,107	0,308
CHR3	17350720	CHR3:17350720	SSF x LoA	-6,79414192	0,147	0,308
CHR3	17350749	CHR3:17350749	SSF x LoA	-7,54024857	0,080	0,313
CHR3	17359338	CHR3:17359338	SSF x LoA	14,947786	0,173	0,287
CHR3	17361084	CHR3:17361084	SSF x LoA	-11,2551058	0,129	0,300
CHR3	17361110	CHR3:17361110	SSF x LoA	-9,26727023	0,052	0,308
CHR3	17361144	CHR3:17361144	SSF x LoA	-10,9138342	-0,015	0,323
CHR3	17401673	CHR3:17401673	SSF x LoA	-12,2359303	-0,021	0,301
CHR3	17425055	CHR3:17425055	SSF x LoA	-11,090028	0,008	0,303

CHR3	1742823	CHR3:1742823	SSF x LoA	-7,21897156	-0,028	0,314
CHR3	17431629	CHR3:17431629	SSF x LoA	-10,6344032	-0,022	0,321
CHR3	17461320	CHR3:17461320	SSF x LoA	-10,5980325	0,064	0,298
CHR3	1746834	CHR3:1746834	SSF x LoA	-7,34061705	0,001	0,304
CHR3	1746883	CHR3:1746883	SSF x LoA	-7,33462268	-0,123	0,284
CHR3	17501603	CHR3:17501603	SSF x LoA	-9,17159441	0,009	0,296
CHR3	17501673	CHR3:17501673	SSF x LoA	-3,93892769	-0,018	0,315
CHR3	17501676	CHR3:17501676	SSF x LoA	-7,03383737	-0,003	0,300
CHR3	17503380	CHR3:17503380	SSF x LoA	-2,50667109	0,106	0,307
CHR3	17506182	CHR3:17506182	SSF x LoA	-8,62426008	-0,057	0,313
CHR3	17510258	CHR3:17510258	SSF x LoA	-8,54372509	-0,108	0,306
CHR3	17510289	CHR3:17510289	SSF x LoA	-8,54008662	0,091	0,314
CHR3	17510342	CHR3:17510342	SSF x LoA	-8,98213169	-0,018	0,300
CHR3	17510365	CHR3:17510365	SSF x LoA	-6,12305577	-0,116	0,290
CHR3	17510395	CHR3:17510395	SSF x LoA	-8,9537252	0,081	0,300
CHR3	17514094	CHR3:17514094	SSF x LoA	-8,55217598	0,074	0,297
CHR3	17514412	CHR3:17514412	SSF x LoA	-6,79967437	0,008	0,314
CHR3	17523884	CHR3:17523884	SSF x LoA	-10,5235026	-0,074	0,311
CHR3	1752662	CHR3:1752662	SSF x LoA	-10,9989092	-0,048	0,299
CHR3	17533807	CHR3:17533807	SSF x LoA	-8,07867929	-0,003	0,322
CHR3	17533924	CHR3:17533924	SSF x LoA	-4,11699006	0,044	0,310
CHR3	1754719	CHR3:1754719	SSF x LoA	-2,71352995	0,128	0,308
CHR3	1754731	CHR3:1754731	SSF x LoA	-8,40672346	-0,058	0,320
CHR3	17560756	CHR3:17560756	SSF x LoA	-5,62983355	0,006	0,307
CHR3	17561996	CHR3:17561996	SSF x LoA	-9,16434143	-0,011	0,314
CHR3	17563976	CHR3:17563976	SSF x LoA	-9,88367025	0,080	0,317
CHR3	17572765	CHR3:17572765	SSF x LoA	-10,5855337	-0,099	0,302
CHR3	17573825	CHR3:17573825	SSF x LoA	-10,9639175	-0,053	0,310
CHR3	17573955	CHR3:17573955	SSF x LoA	-10,0601067	-0,069	0,319
CHR3	17573956	CHR3:17573956	SSF x LoA	-11,5045943	0,052	0,300
CHR3	1757909	CHR3:1757909	SSF x LoA	-10,317939	0,134	0,307
CHR3	1757921	CHR3:1757921	SSF x LoA	-11,6095648	-0,061	0,299
CHR3	17580796	CHR3:17580796	SSF x LoA	-10,048667	0,009	0,299
CHR3	17588772	CHR3:17588772	SSF x LoA	-1,57180811	0,139	0,301
CHR3	17588776	CHR3:17588776	SSF x LoA	-6,97365705	0,132	0,300
CHR3	17588814	CHR3:17588814	SSF x LoA	-10,1492098	-0,026	0,306
CHR3	175959	CHR3:175959	SSF x LoA	-11,0840154	-0,003	0,311
CHR3	17599100	CHR3:17599100	SSF x LoA	-7,62467186	-0,080	0,297
CHR3	17599106	CHR3:17599106	SSF x LoA	-9,16441503	-0,087	0,289
CHR3	17616421	CHR3:17616421	SSF x LoA	-9,22648268	0,086	0,306
CHR3	17616471	CHR3:17616471	SSF x LoA	-8,30810904	0,083	0,295
CHR3	17616692	CHR3:17616692	SSF x LoA	-7,36107313	0,091	0,311
CHR3	17619863	CHR3:17619863	SSF x LoA	-8,03688958	-0,049	0,314
CHR3	1761989	CHR3:1761989	SSF x LoA	-9,04016497	-0,081	0,288
CHR3	17625588	CHR3:17625588	SSF x LoA	-8,09457167	0,082	0,319
CHR3	17631126	CHR3:17631126	SSF x LoA	-6,20361835	-0,064	0,308
CHR3	17631142	CHR3:17631142	SSF x LoA	-11,5005694	0,008	0,312
CHR3	17631191	CHR3:17631191	SSF x LoA	-10,2518461	-0,041	0,294
CHR3	1765720	CHR3:1765720	SSF x LoA	-6,85895802	-0,098	0,300
CHR3	1765757	CHR3:1765757	SSF x LoA	-9,76469995	0,075	0,310
CHR3	1765766	CHR3:1765766	SSF x LoA	-3,08048992	-0,080	0,304
CHR3	1765794	CHR3:1765794	SSF x LoA	-8,7005838	-0,003	0,308
CHR3	1765807	CHR3:1765807	SSF x LoA	-9,54246462	-0,060	0,317

CHR3	17665559	CHR3:17665559	SSF x LoA	-8,71831211	0,053	0,311
CHR3	17665595	CHR3:17665595	SSF x LoA	-9,43509765	0,046	0,311
CHR3	17669013	CHR3:17669013	SSF x LoA	-9,47362355	0,000	0,308
CHR3	17688741	CHR3:17688741	SSF x LoA	-6,73382134	0,113	0,310
CHR3	1769121	CHR3:1769121	SSF x LoA	-11,1774514	0,007	0,316
CHR3	1769832	CHR3:1769832	SSF x LoA	-10,2142702	-0,051	0,315
CHR3	1769957	CHR3:1769957	SSF x LoA	-7,71539556	0,052	0,296
CHR3	17699694	CHR3:17699694	SSF x LoA	-8,57057257	0,025	0,319
CHR3	17717113	CHR3:17717113	SSF x LoA	-9,49141229	0,035	0,304
CHR3	17723935	CHR3:17723935	SSF x LoA	-9,78299218	-0,084	0,313
CHR3	17741201	CHR3:17741201	SSF x LoA	-3,96956936	-0,125	0,313
CHR3	17815702	CHR3:17815702	SSF x LoA	-8,23900454	-0,053	0,300
CHR3	1782056	CHR3:1782056	SSF x LoA	-11,3491083	0,034	0,304
CHR3	1782057	CHR3:1782057	SSF x LoA	-3,32743857	-0,074	0,316
CHR3	17824178	CHR3:17824178	SSF x LoA	-9,3187207	-0,012	0,311
CHR3	1785748	CHR3:1785748	SSF x LoA	-6,98773654	0,116	0,308
CHR3	17920688	CHR3:17920688	SSF x LoA	-8,33695534	-0,083	0,305
CHR3	17920963	CHR3:17920963	SSF x LoA	-9,83377368	-0,008	0,317
CHR3	17928324	CHR3:17928324	SSF x LoA	-8,83490991	0,059	0,303
CHR3	17928332	CHR3:17928332	SSF x LoA	-9,07678717	0,009	0,306
CHR3	17928347	CHR3:17928347	SSF x LoA	-9,15721089	0,028	0,318
CHR3	17928348	CHR3:17928348	SSF x LoA	-9,55034638	0,039	0,311
CHR3	17928417	CHR3:17928417	SSF x LoA	-9,65208898	0,035	0,304
CHR3	17928584	CHR3:17928584	SSF x LoA	-10,366374	-0,008	0,312
CHR3	17933686	CHR3:17933686	SSF x LoA	-8,41768582	-0,030	0,313
CHR3	17933757	CHR3:17933757	SSF x LoA	-8,40709215	0,147	0,316
CHR3	17933933	CHR3:17933933	SSF x LoA	-8,1291136	-0,007	0,308
CHR3	17939908	CHR3:17939908	SSF x LoA	-8,53881153	-0,100	0,306
CHR3	17939924	CHR3:17939924	SSF x LoA	-9,01325148	-0,038	0,310
CHR3	1794345	CHR3:1794345	SSF x LoA	-9,2649496	0,106	0,309
CHR3	17943520	CHR3:17943520	SSF x LoA	-9,91782899	-0,011	0,304
CHR3	17975674	CHR3:17975674	SSF x LoA	-11,4529316	-0,037	0,299
CHR3	17986332	CHR3:17986332	SSF x LoA	-6,91711276	-0,014	0,303
CHR3	17996619	CHR3:17996619	SSF x LoA	-10,2164936	0,030	0,294
CHR3	17996724	CHR3:17996724	SSF x LoA	-7,68591152	-0,011	0,314
CHR3	18011625	CHR3:18011625	SSF x LoA	-8,53888521	-0,042	0,293
CHR3	18025267	CHR3:18025267	SSF x LoA	-7,77227916	-0,066	0,298
CHR3	18071459	CHR3:18071459	SSF x LoA	-8,87941135	-0,099	0,314
CHR3	18071560	CHR3:18071560	SSF x LoA	-9,01264871	0,065	0,292
CHR3	18075300	CHR3:18075300	SSF x LoA	-5,52496461	-0,126	0,316
CHR3	18079570	CHR3:18079570	SSF x LoA	-10,1907375	-0,062	0,295
CHR3	18115131	CHR3:18115131	SSF x LoA	-10,1972904	0,012	0,301
CHR3	18120103	CHR3:18120103	SSF x LoA	-11,2026933	-0,094	0,315
CHR3	18130726	CHR3:18130726	SSF x LoA	-7,85558504	0,095	0,312
CHR3	18130839	CHR3:18130839	SSF x LoA	-10,3261009	0,034	0,308
CHR3	18132172	CHR3:18132172	SSF x LoA	-10,1345521	0,010	0,329
CHR3	18132185	CHR3:18132185	SSF x LoA	-9,204362	0,046	0,302
CHR3	18132318	CHR3:18132318	SSF x LoA	-9,84411207	-0,029	0,330
CHR3	18132347	CHR3:18132347	SSF x LoA	-7,54129758	0,035	0,325
CHR3	18132396	CHR3:18132396	SSF x LoA	-9,29847257	0,014	0,304
CHR3	18134317	CHR3:18134317	SSF x LoA	-6,90732355	-0,107	0,308
CHR3	18142741	CHR3:18142741	SSF x LoA	-9,65021968	0,074	0,306
CHR3	18142745	CHR3:18142745	SSF x LoA	-7,40336097	0,066	0,314

CHR3	18142750	CHR3:18142750	SSF x LoA	-7,16976646	-0,150	0,315
CHR3	18142754	CHR3:18142754	SSF x LoA	-6,85522577	-0,067	0,320
CHR3	18142777	CHR3:18142777	SSF x LoA	-5,73310419	-0,127	0,298
CHR3	18148107	CHR3:18148107	SSF x LoA	-8,6539204	-0,050	0,306
CHR3	18176282	CHR3:18176282	SSF x LoA	-9,67708024	0,000	0,302
CHR3	18176336	CHR3:18176336	SSF x LoA	-9,54599472	-0,006	0,310
CHR3	18179783	CHR3:18179783	SSF x LoA	-9,22881224	0,046	0,310
CHR3	18181848	CHR3:18181848	SSF x LoA	-10,0374706	0,009	0,310
CHR3	18194085	CHR3:18194085	SSF x LoA	-9,29240912	0,018	0,317
CHR3	18194088	CHR3:18194088	SSF x LoA	-9,47281488	0,021	0,318
CHR3	18194240	CHR3:18194240	SSF x LoA	-11,0310139	-0,072	0,297
CHR3	18194257	CHR3:18194257	SSF x LoA	-11,7595811	0,123	0,302
CHR3	18194267	CHR3:18194267	SSF x LoA	-9,6627404	-0,023	0,305
CHR3	18196586	CHR3:18196586	SSF x LoA	-11,1542281	0,066	0,311
CHR3	18196618	CHR3:18196618	SSF x LoA	-10,2278265	-0,011	0,298
CHR3	18196642	CHR3:18196642	SSF x LoA	-9,0261962	0,076	0,309
CHR3	18199458	CHR3:18199458	SSF x LoA	-6,56274735	-0,174	0,303
CHR3	18205250	CHR3:18205250	SSF x LoA	-10,9436389	-0,056	0,296
CHR3	18205443	CHR3:18205443	SSF x LoA	-9,05249821	-0,035	0,308
CHR3	18210652	CHR3:18210652	SSF x LoA	-8,52840353	-0,098	0,297
CHR3	18210735	CHR3:18210735	SSF x LoA	-8,26072608	-0,142	0,295
CHR3	18224936	CHR3:18224936	SSF x LoA	-7,19679784	-0,018	0,308
CHR3	18225012	CHR3:18225012	SSF x LoA	-12,4714228	-0,003	0,300
CHR3	18229523	CHR3:18229523	SSF x LoA	-11,0824047	0,012	0,309
CHR3	18229680	CHR3:18229680	SSF x LoA	-8,64718809	-0,004	0,312
CHR3	18229699	CHR3:18229699	SSF x LoA	-8,77892781	-0,041	0,320
CHR3	18229834	CHR3:18229834	SSF x LoA	-10,628279	0,056	0,298
CHR3	18243235	CHR3:18243235	SSF x LoA	-7,92909518	-0,028	0,313
CHR3	18243256	CHR3:18243256	SSF x LoA	-11,4995592	0,021	0,308
CHR3	18243308	CHR3:18243308	SSF x LoA	-9,67471637	0,044	0,309
CHR3	18243513	CHR3:18243513	SSF x LoA	-8,80143097	0,040	0,305
CHR3	18247508	CHR3:18247508	SSF x LoA	-7,5425482	0,074	0,321
CHR3	18247562	CHR3:18247562	SSF x LoA	-10,4022921	0,013	0,316
CHR3	18256942	CHR3:18256942	SSF x LoA	-10,5595374	0,029	0,300
CHR3	18257227	CHR3:18257227	SSF x LoA	-6,64406628	-0,072	0,304
CHR3	18261337	CHR3:18261337	SSF x LoA	-9,99354357	0,017	0,311
CHR3	18261371	CHR3:18261371	SSF x LoA	-11,1215195	-0,066	0,319
CHR3	18263569	CHR3:18263569	SSF x LoA	-9,33037405	0,055	0,308
CHR3	18263581	CHR3:18263581	SSF x LoA	-10,8189663	0,064	0,303
CHR3	18263649	CHR3:18263649	SSF x LoA	-9,03705226	-0,043	0,314
CHR3	18263663	CHR3:18263663	SSF x LoA	-7,90535203	-0,037	0,313
CHR3	18263717	CHR3:18263717	SSF x LoA	-8,58996069	-0,122	0,299
CHR3	18264639	CHR3:18264639	SSF x LoA	-10,9707077	0,024	0,321
CHR3	18264708	CHR3:18264708	SSF x LoA	-9,90062156	-0,093	0,304
CHR3	18264725	CHR3:18264725	SSF x LoA	-10,6450647	-0,100	0,285
CHR3	18264736	CHR3:18264736	SSF x LoA	-8,94015567	-0,078	0,304
CHR3	18270492	CHR3:18270492	SSF x LoA	-8,91466349	0,017	0,304
CHR3	18270502	CHR3:18270502	SSF x LoA	-7,94605149	0,027	0,316
CHR3	18270578	CHR3:18270578	SSF x LoA	-10,3399176	-0,137	0,302
CHR3	18270639	CHR3:18270639	SSF x LoA	-11,3064934	-0,058	0,292
CHR3	18270656	CHR3:18270656	SSF x LoA	-10,93843	-0,071	0,298
CHR3	18270694	CHR3:18270694	SSF x LoA	-3,10532033	0,268	0,294
CHR3	18270705	CHR3:18270705	SSF x LoA	-5,67281444	-0,139	0,307

CHR3	18270760	CHR3:18270760	SSF x LoA	-8,14269106	-0,144	0,289
CHR3	18275017	CHR3:18275017	SSF x LoA	-8,75245595	-0,007	0,301
CHR3	18275046	CHR3:18275046	SSF x LoA	-6,46149406	0,098	0,314
CHR3	18275216	CHR3:18275216	SSF x LoA	-10,3556391	-0,050	0,309
CHR3	18285433	CHR3:18285433	SSF x LoA	-7,48984798	-0,040	0,328
CHR3	18285453	CHR3:18285453	SSF x LoA	-10,7147999	-0,007	0,318
CHR3	18290316	CHR3:18290316	SSF x LoA	-8,52992248	-0,040	0,311
CHR3	18290349	CHR3:18290349	SSF x LoA	-9,62567505	0,027	0,315
CHR3	18291388	CHR3:18291388	SSF x LoA	-4,37367355	0,178	0,295
CHR3	18291449	CHR3:18291449	SSF x LoA	-7,67648721	-0,106	0,303
CHR3	18293501	CHR3:18293501	SSF x LoA	-8,61877476	-0,019	0,304
CHR3	18302760	CHR3:18302760	SSF x LoA	-8,34258303	0,062	0,300
CHR3	18309014	CHR3:18309014	SSF x LoA	-7,72415817	0,026	0,317
CHR3	18309060	CHR3:18309060	SSF x LoA	-9,26613626	0,056	0,296
CHR3	18309093	CHR3:18309093	SSF x LoA	-9,02427243	0,028	0,299
CHR3	18323387	CHR3:18323387	SSF x LoA	-9,3889779	0,011	0,311
CHR3	18323414	CHR3:18323414	SSF x LoA	-7,07689916	-0,041	0,324
CHR3	18323498	CHR3:18323498	SSF x LoA	-9,69076206	-0,059	0,321
CHR3	18332590	CHR3:18332590	SSF x LoA	-7,795741	0,011	0,294
CHR3	18332591	CHR3:18332591	SSF x LoA	-8,55556549	-0,131	0,307
CHR3	1833802	CHR3:1833802	SSF x LoA	-10,1380833	-0,025	0,307
CHR3	1833816	CHR3:1833816	SSF x LoA	-10,1896165	-0,069	0,299
CHR3	1834070	CHR3:1834070	SSF x LoA	-8,1586165	0,017	0,322
CHR3	1834078	CHR3:1834078	SSF x LoA	-8,1957642	0,033	0,310
CHR3	1834098	CHR3:1834098	SSF x LoA	-8,01997927	-0,162	0,295
CHR3	1834118	CHR3:1834118	SSF x LoA	-8,45956157	0,031	0,319
CHR3	18341380	CHR3:18341380	SSF x LoA	-9,7959563	0,021	0,326
CHR3	1834141	CHR3:1834141	SSF x LoA	-10,3557635	0,118	0,312
CHR3	18341448	CHR3:18341448	SSF x LoA	-8,24508791	-0,150	0,287
CHR3	18341529	CHR3:18341529	SSF x LoA	-9,42280832	0,020	0,305
CHR3	18341531	CHR3:18341531	SSF x LoA	-9,9465666	-0,017	0,304
CHR3	18341539	CHR3:18341539	SSF x LoA	-7,91633559	0,081	0,313
CHR3	18341546	CHR3:18341546	SSF x LoA	-8,5801446	0,010	0,313
CHR3	18341559	CHR3:18341559	SSF x LoA	-7,57282124	0,033	0,315
CHR3	18341563	CHR3:18341563	SSF x LoA	-9,1945003	0,037	0,321
CHR3	18341609	CHR3:18341609	SSF x LoA	-10,4577479	-0,006	0,305
CHR3	18351929	CHR3:18351929	SSF x LoA	-8,95401054	-0,049	0,315
CHR3	18351944	CHR3:18351944	SSF x LoA	-5,97579133	-0,077	0,304
CHR3	18351945	CHR3:18351945	SSF x LoA	-6,93989927	-0,115	0,313
CHR3	18360738	CHR3:18360738	SSF x LoA	-0,04465366	0,043	0,312
CHR3	18361114	CHR3:18361114	SSF x LoA	-10,0401037	0,004	0,302
CHR3	18373363	CHR3:18373363	SSF x LoA	-4,71035687	-0,164	0,293
CHR3	18373477	CHR3:18373477	SSF x LoA	-7,06138076	-0,187	0,303
CHR3	18378924	CHR3:18378924	SSF x LoA	-7,54997987	0,138	0,308
CHR3	18383782	CHR3:18383782	SSF x LoA	-11,1591771	-0,013	0,308
CHR3	18383810	CHR3:18383810	SSF x LoA	-10,3685041	-0,011	0,298
CHR3	18383838	CHR3:18383838	SSF x LoA	-10,0268543	-0,001	0,309
CHR3	18383858	CHR3:18383858	SSF x LoA	-8,70039216	0,057	0,305
CHR3	18385656	CHR3:18385656	SSF x LoA	-11,0073952	-0,060	0,310
CHR3	18385663	CHR3:18385663	SSF x LoA	-10,2569904	-0,078	0,312
CHR3	18385703	CHR3:18385703	SSF x LoA	-9,17011124	-0,088	0,316
CHR3	18385727	CHR3:18385727	SSF x LoA	-8,83959795	-0,077	0,307
CHR3	18385775	CHR3:18385775	SSF x LoA	-5,40646777	0,058	0,302

CHR3	18385781	CHR3:18385781	SSF x LoA	-9,77019037	-0,057	0,316
CHR3	18385798	CHR3:18385798	SSF x LoA	-11,0692663	-0,105	0,306
CHR3	18385818	CHR3:18385818	SSF x LoA	-11,1336145	-0,077	0,308
CHR3	18385846	CHR3:18385846	SSF x LoA	-3,85683432	0,121	0,302
CHR3	18385854	CHR3:18385854	SSF x LoA	-12,2583047	0,009	0,300
CHR3	18385877	CHR3:18385877	SSF x LoA	-3,08609981	0,014	0,316
CHR3	18390937	CHR3:18390937	SSF x LoA	-9,82255637	0,046	0,306
CHR3	18391011	CHR3:18391011	SSF x LoA	-10,4057341	-0,084	0,310
CHR3	18391970	CHR3:18391970	SSF x LoA	-3,83030779	0,175	0,310
CHR3	18392809	CHR3:18392809	SSF x LoA	-9,32323713	0,107	0,305
CHR3	18392866	CHR3:18392866	SSF x LoA	-8,73936811	0,107	0,298
CHR3	18392926	CHR3:18392926	SSF x LoA	-7,46301854	0,098	0,299
CHR3	18403496	CHR3:18403496	SSF x LoA	-11,3695831	0,075	0,309
CHR3	18403590	CHR3:18403590	SSF x LoA	-9,83100082	0,009	0,307
CHR3	18408294	CHR3:18408294	SSF x LoA	-9,94916062	-0,071	0,302
CHR3	18408386	CHR3:18408386	SSF x LoA	-8,52263773	-0,073	0,315
CHR3	18418956	CHR3:18418956	SSF x LoA	-10,4198173	0,015	0,310
CHR3	18418965	CHR3:18418965	SSF x LoA	-11,8117475	-0,054	0,293
CHR3	18419045	CHR3:18419045	SSF x LoA	-9,28335088	-0,025	0,326
CHR3	18419048	CHR3:18419048	SSF x LoA	-1,71656986	0,035	0,295
CHR3	18419075	CHR3:18419075	SSF x LoA	-8,60512642	0,069	0,299
CHR3	18419077	CHR3:18419077	SSF x LoA	-8,86608684	0,061	0,302
CHR3	18419142	CHR3:18419142	SSF x LoA	-9,16629152	-0,021	0,309
CHR3	18419161	CHR3:18419161	SSF x LoA	-9,15934855	0,012	0,303
CHR3	18423083	CHR3:18423083	SSF x LoA	-8,39398715	0,075	0,310
CHR3	18423121	CHR3:18423121	SSF x LoA	-9,02484519	0,082	0,292
CHR3	18423131	CHR3:18423131	SSF x LoA	-8,32707465	0,006	0,312
CHR3	18428546	CHR3:18428546	SSF x LoA	-9,14873587	-0,062	0,298
CHR3	1843061	CHR3:1843061	SSF x LoA	-11,9318041	0,035	0,300
CHR3	18431851	CHR3:18431851	SSF x LoA	-8,93638021	0,030	0,318
CHR3	1843198	CHR3:1843198	SSF x LoA	-10,9127532	0,002	0,308
CHR3	1843241	CHR3:1843241	SSF x LoA	-10,7244856	-0,019	0,324
CHR3	1843248	CHR3:1843248	SSF x LoA	-10,4322096	-0,065	0,314
CHR3	18438966	CHR3:18438966	SSF x LoA	-11,2530984	0,079	0,305
CHR3	18438970	CHR3:18438970	SSF x LoA	-11,2285871	-0,084	0,298
CHR3	18438994	CHR3:18438994	SSF x LoA	-7,58564701	-0,016	0,303
CHR3	18440325	CHR3:18440325	SSF x LoA	-9,18953815	0,086	0,306
CHR3	18440337	CHR3:18440337	SSF x LoA	-8,22298772	0,069	0,301
CHR3	18440350	CHR3:18440350	SSF x LoA	-8,59093546	-0,023	0,315
CHR3	18440383	CHR3:18440383	SSF x LoA	-4,73020775	-0,092	0,324
CHR3	18440603	CHR3:18440603	SSF x LoA	-10,8275518	-0,016	0,311
CHR3	18440680	CHR3:18440680	SSF x LoA	-2,40982574	-0,093	0,307
CHR3	18448345	CHR3:18448345	SSF x LoA	-9,84519334	-0,084	0,295
CHR3	18452546	CHR3:18452546	SSF x LoA	-10,0542722	-0,010	0,326
CHR3	18461706	CHR3:18461706	SSF x LoA	-9,61931545	0,116	0,304
CHR3	18461909	CHR3:18461909	SSF x LoA	-7,25771016	0,137	0,301
CHR3	18469965	CHR3:18469965	SSF x LoA	-1,20983047	0,050	0,314
CHR3	18469993	CHR3:18469993	SSF x LoA	-9,50909407	0,103	0,300
CHR3	18469998	CHR3:18469998	SSF x LoA	-9,84573872	-0,059	0,315
CHR3	18470043	CHR3:18470043	SSF x LoA	-8,07881713	0,044	0,310
CHR3	18470270	CHR3:18470270	SSF x LoA	-8,80010876	0,033	0,308
CHR3	18470346	CHR3:18470346	SSF x LoA	-9,86736239	-0,063	0,306
CHR3	18474630	CHR3:18474630	SSF x LoA	-10,7617252	0,024	0,308

CHR3	18474646	CHR3:18474646	SSF x LoA	-10,1053186	-0,097	0,302
CHR3	18474775	CHR3:18474775	SSF x LoA	-7,96637377	-0,037	0,312
CHR3	18479606	CHR3:18479606	SSF x LoA	-8,01825799	-0,035	0,297
CHR3	18479618	CHR3:18479618	SSF x LoA	-8,11374809	-0,052	0,307
CHR3	18483378	CHR3:18483378	SSF x LoA	-9,35801034	0,030	0,294
CHR3	18487838	CHR3:18487838	SSF x LoA	-8,89716934	0,006	0,309
CHR3	18487875	CHR3:18487875	SSF x LoA	-8,71443318	-0,040	0,313
CHR3	18487904	CHR3:18487904	SSF x LoA	-7,7799164	-0,097	0,314
CHR3	18487919	CHR3:18487919	SSF x LoA	-8,66335018	-0,085	0,308
CHR3	18487932	CHR3:18487932	SSF x LoA	-4,87084946	-0,125	0,299
CHR3	18487935	CHR3:18487935	SSF x LoA	-9,73734288	-0,120	0,303
CHR3	18487938	CHR3:18487938	SSF x LoA	-8,84501948	-0,133	0,302
CHR3	18487955	CHR3:18487955	SSF x LoA	-8,88645824	0,138	0,287
CHR3	18487978	CHR3:18487978	SSF x LoA	-8,60505587	0,109	0,305
CHR3	18487991	CHR3:18487991	SSF x LoA	-9,28715534	0,014	0,307
CHR3	18487997	CHR3:18487997	SSF x LoA	-9,51161239	0,049	0,308
CHR3	18493737	CHR3:18493737	SSF x LoA	-8,58821133	0,049	0,297
CHR3	18496071	CHR3:18496071	SSF x LoA	-6,67046699	0,016	0,311
CHR3	18498216	CHR3:18498216	SSF x LoA	-10,2187972	0,062	0,306
CHR3	18498232	CHR3:18498232	SSF x LoA	-0,20070185	0,052	0,309
CHR3	18498233	CHR3:18498233	SSF x LoA	-10,4192423	0,068	0,307
CHR3	18498280	CHR3:18498280	SSF x LoA	-8,46461939	0,012	0,304
CHR3	18498282	CHR3:18498282	SSF x LoA	-10,8546727	-0,024	0,304
CHR3	18500167	CHR3:18500167	SSF x LoA	-6,37981149	0,183	0,287
CHR3	18500202	CHR3:18500202	SSF x LoA	-6,19513986	0,202	0,291
CHR3	18500208	CHR3:18500208	SSF x LoA	-10,5459384	0,070	0,295
CHR3	18501429	CHR3:18501429	SSF x LoA	-8,70540523	-0,016	0,303
CHR3	1851209	CHR3:1851209	SSF x LoA	-10,9037407	-0,036	0,299
CHR3	1851218	CHR3:1851218	SSF x LoA	-11,7850363	0,030	0,300
CHR3	1851297	CHR3:1851297	SSF x LoA	-5,32809384	-0,135	0,321
CHR3	1851432	CHR3:1851432	SSF x LoA	-8,34186514	-0,018	0,308
CHR3	18537197	CHR3:18537197	SSF x LoA	-7,27541578	0,065	0,308
CHR3	18537321	CHR3:18537321	SSF x LoA	-8,48145642	-0,006	0,316
CHR3	18538354	CHR3:18538354	SSF x LoA	-5,22139025	0,112	0,308
CHR3	18538426	CHR3:18538426	SSF x LoA	-8,09866068	0,080	0,303
CHR3	18538437	CHR3:18538437	SSF x LoA	-9,69556947	0,089	0,284
CHR3	18555905	CHR3:18555905	SSF x LoA	-4,85634948	0,144	0,297
CHR3	18555925	CHR3:18555925	SSF x LoA	-9,84649448	-0,069	0,293
CHR3	18555934	CHR3:18555934	SSF x LoA	-8,97806867	0,056	0,305
CHR3	18563114	CHR3:18563114	SSF x LoA	-9,53557086	0,003	0,314
CHR3	18573795	CHR3:18573795	SSF x LoA	-8,90520175	0,009	0,313
CHR3	18573830	CHR3:18573830	SSF x LoA	-3,29121703	-0,146	0,291
CHR3	18575264	CHR3:18575264	SSF x LoA	-7,52131318	-0,053	0,316
CHR3	1858167	CHR3:1858167	SSF x LoA	-7,00871296	0,058	0,310
CHR3	1858333	CHR3:1858333	SSF x LoA	-10,0695157	0,122	0,315
CHR3	18583962	CHR3:18583962	SSF x LoA	-8,46183581	0,050	0,306
CHR3	18586720	CHR3:18586720	SSF x LoA	-8,57378914	0,038	0,306
CHR3	18586807	CHR3:18586807	SSF x LoA	-9,1017745	0,072	0,306
CHR3	18586845	CHR3:18586845	SSF x LoA	-6,32250196	0,054	0,312
CHR3	18586897	CHR3:18586897	SSF x LoA	-11,5130671	-0,072	0,305
CHR3	18590707	CHR3:18590707	SSF x LoA	-7,81745662	0,104	0,300
CHR3	18590790	CHR3:18590790	SSF x LoA	-9,49163099	-0,110	0,298
CHR3	18590829	CHR3:18590829	SSF x LoA	-6,69643175	0,003	0,310

CHR3	18590894	CHR3:18590894	SSF x LoA	-5,60455952	-0,164	0,296
CHR3	18598870	CHR3:18598870	SSF x LoA	-11,3116427	0,005	0,307
CHR3	18598922	CHR3:18598922	SSF x LoA	0,61760519	0,143	0,291
CHR3	18611689	CHR3:18611689	SSF x LoA	-8,95788997	-0,006	0,312
CHR3	18611695	CHR3:18611695	SSF x LoA	-8,38278963	0,099	0,310
CHR3	18611844	CHR3:18611844	SSF x LoA	-9,47329925	0,028	0,290
CHR3	18620364	CHR3:18620364	SSF x LoA	-8,16802384	0,012	0,310
CHR3	18620418	CHR3:18620418	SSF x LoA	-9,73457785	0,041	0,318
CHR3	18620441	CHR3:18620441	SSF x LoA	-9,44871091	0,001	0,306
CHR3	18620587	CHR3:18620587	SSF x LoA	-11,3220619	0,050	0,314
CHR3	18620598	CHR3:18620598	SSF x LoA	-9,8430924	-0,041	0,318
CHR3	18635912	CHR3:18635912	SSF x LoA	-10,2404608	0,105	0,298
CHR3	18635944	CHR3:18635944	SSF x LoA	-7,49006773	-0,113	0,288
CHR3	18635965	CHR3:18635965	SSF x LoA	-5,8311171	0,085	0,309
CHR3	18635974	CHR3:18635974	SSF x LoA	-4,59541128	-0,103	0,317
CHR3	1866079	CHR3:1866079	SSF x LoA	-8,48144406	0,049	0,306
CHR3	18667463	CHR3:18667463	SSF x LoA	-6,50838835	0,056	0,321
CHR3	18667499	CHR3:18667499	SSF x LoA	-8,9225467	-0,060	0,317
CHR3	18667504	CHR3:18667504	SSF x LoA	-6,68439591	0,123	0,315
CHR3	18667537	CHR3:18667537	SSF x LoA	-9,3728592	0,043	0,303
CHR3	18670799	CHR3:18670799	SSF x LoA	-9,02927177	-0,035	0,300
CHR3	18680085	CHR3:18680085	SSF x LoA	-10,3498637	0,076	0,304
CHR3	18685961	CHR3:18685961	SSF x LoA	-8,69992658	0,166	0,309
CHR3	18689061	CHR3:18689061	SSF x LoA	-5,55719525	-0,214	0,289
CHR3	18695873	CHR3:18695873	SSF x LoA	-7,76987682	0,111	0,311
CHR3	18696236	CHR3:18696236	SSF x LoA	-8,89260419	-0,055	0,311
CHR3	18696291	CHR3:18696291	SSF x LoA	-8,29632123	-0,050	0,305
CHR3	18696371	CHR3:18696371	SSF x LoA	-8,33290557	-0,068	0,320
CHR3	18710274	CHR3:18710274	SSF x LoA	-8,57418557	0,074	0,301
CHR3	18717894	CHR3:18717894	SSF x LoA	-7,81183859	-0,111	0,321
CHR3	18718056	CHR3:18718056	SSF x LoA	-10,0488565	-0,062	0,312
CHR3	18718071	CHR3:18718071	SSF x LoA	-8,55714454	-0,110	0,318
CHR3	18718083	CHR3:18718083	SSF x LoA	-5,63104489	-0,045	0,312
CHR3	18722712	CHR3:18722712	SSF x LoA	-9,3710974	0,067	0,314
CHR3	18722929	CHR3:18722929	SSF x LoA	-8,97121137	-0,019	0,309
CHR3	18722944	CHR3:18722944	SSF x LoA	-7,68916474	0,007	0,301
CHR3	18726773	CHR3:18726773	SSF x LoA	-9,30081597	0,050	0,305
CHR3	18726779	CHR3:18726779	SSF x LoA	-1,16080967	0,049	0,316
CHR3	18726781	CHR3:18726781	SSF x LoA	-10,1325785	0,051	0,299
CHR3	18726785	CHR3:18726785	SSF x LoA	-8,68927285	0,071	0,315
CHR3	18726807	CHR3:18726807	SSF x LoA	-9,91576861	0,068	0,310
CHR3	18726811	CHR3:18726811	SSF x LoA	-9,17565345	0,098	0,301
CHR3	18726819	CHR3:18726819	SSF x LoA	-9,44994844	0,052	0,317
CHR3	18726822	CHR3:18726822	SSF x LoA	-8,45173496	0,086	0,308
CHR3	18726826	CHR3:18726826	SSF x LoA	-9,52010421	0,053	0,306
CHR3	18730575	CHR3:18730575	SSF x LoA	-7,06172549	-0,114	0,297
CHR3	18730726	CHR3:18730726	SSF x LoA	-8,77146531	-0,141	0,295
CHR3	18736615	CHR3:18736615	SSF x LoA	-8,57496869	-0,059	0,290
CHR3	18736636	CHR3:18736636	SSF x LoA	-10,3752719	-0,002	0,297
CHR3	18736663	CHR3:18736663	SSF x LoA	-8,05356264	0,039	0,304
CHR3	18736669	CHR3:18736669	SSF x LoA	-2,59313219	0,053	0,296
CHR3	18736676	CHR3:18736676	SSF x LoA	-8,58984274	0,034	0,302
CHR3	18736679	CHR3:18736679	SSF x LoA	-6,74773998	0,021	0,318

CHR3	18736683	CHR3:18736683	SSF x LoA	-9,02756102	0,054	0,291
CHR3	18736691	CHR3:18736691	SSF x LoA	-5,98475733	0,038	0,302
CHR3	18736785	CHR3:18736785	SSF x LoA	-8,32597638	0,077	0,308
CHR3	18736807	CHR3:18736807	SSF x LoA	-9,88209367	0,030	0,299
CHR3	18736810	CHR3:18736810	SSF x LoA	-10,9693967	0,014	0,308
CHR3	18736822	CHR3:18736822	SSF x LoA	-9,60372994	0,046	0,304
CHR3	18736847	CHR3:18736847	SSF x LoA	-9,41444589	0,059	0,308
CHR3	18739219	CHR3:18739219	SSF x LoA	-4,3100045	0,213	0,301
CHR3	18739246	CHR3:18739246	SSF x LoA	-10,1886097	-0,028	0,296
CHR3	18739329	CHR3:18739329	SSF x LoA	13,365733	0,138	0,277
CHR3	18745864	CHR3:18745864	SSF x LoA	-9,33021069	-0,021	0,304
CHR3	18745903	CHR3:18745903	SSF x LoA	-9,19541188	0,018	0,323
CHR3	18745913	CHR3:18745913	SSF x LoA	-8,58491969	-0,030	0,320
CHR3	18759524	CHR3:18759524	SSF x LoA	-8,46861927	0,103	0,288
CHR3	18759557	CHR3:18759557	SSF x LoA	-9,38435911	0,036	0,299
CHR3	18759568	CHR3:18759568	SSF x LoA	-5,59989378	-0,082	0,312
CHR3	18770924	CHR3:18770924	SSF x LoA	-8,33351256	-0,044	0,316
CHR3	18770942	CHR3:18770942	SSF x LoA	-11,7591664	-0,016	0,308
CHR3	18770981	CHR3:18770981	SSF x LoA	-10,1056067	0,006	0,331
CHR3	1877638	CHR3:1877638	SSF x LoA	-10,3212865	-0,060	0,301
CHR3	18781033	CHR3:18781033	SSF x LoA	-12,1657346	0,053	0,289
CHR3	18781054	CHR3:18781054	SSF x LoA	-9,28482056	0,095	0,304
CHR3	18781072	CHR3:18781072	SSF x LoA	-7,2903311	-0,101	0,299
CHR3	18781146	CHR3:18781146	SSF x LoA	-8,53544911	0,074	0,304
CHR3	18781255	CHR3:18781255	SSF x LoA	-10,6888806	-0,077	0,303
CHR3	18781265	CHR3:18781265	SSF x LoA	-10,2220597	-0,066	0,316
CHR3	18781283	CHR3:18781283	SSF x LoA	-8,73509081	0,094	0,313
CHR3	18781288	CHR3:18781288	SSF x LoA	-9,03845238	-0,035	0,304
CHR3	18781309	CHR3:18781309	SSF x LoA	-10,5561747	0,069	0,305
CHR3	18781312	CHR3:18781312	SSF x LoA	-8,06016614	0,021	0,319
CHR3	18781334	CHR3:18781334	SSF x LoA	6,14290268	0,059	0,312
CHR3	18787284	CHR3:18787284	SSF x LoA	-7,33885847	0,104	0,311
CHR3	18787291	CHR3:18787291	SSF x LoA	-8,17644198	-0,010	0,312
CHR3	18787407	CHR3:18787407	SSF x LoA	-9,18000976	0,028	0,294
CHR3	18805167	CHR3:18805167	SSF x LoA	-9,07630502	0,025	0,305
CHR3	18805272	CHR3:18805272	SSF x LoA	-11,084557	0,082	0,301
CHR3	18807429	CHR3:18807429	SSF x LoA	-8,00859775	0,038	0,318
CHR3	18807449	CHR3:18807449	SSF x LoA	-8,39561869	-0,034	0,313
CHR3	18807470	CHR3:18807470	SSF x LoA	-9,53315113	0,061	0,317
CHR3	18818783	CHR3:18818783	SSF x LoA	-5,33669929	0,205	0,288
CHR3	18818784	CHR3:18818784	SSF x LoA	-6,15325236	0,194	0,296
CHR3	18818863	CHR3:18818863	SSF x LoA	-5,85705947	0,181	0,295
CHR3	18831776	CHR3:18831776	SSF x LoA	-10,2825982	-0,009	0,302
CHR3	18834908	CHR3:18834908	SSF x LoA	-10,6998025	0,097	0,319
CHR3	18843598	CHR3:18843598	SSF x LoA	-7,70342512	0,073	0,309
CHR3	18843600	CHR3:18843600	SSF x LoA	-8,56414598	0,036	0,304
CHR3	18843639	CHR3:18843639	SSF x LoA	-8,6102751	-0,007	0,295
CHR3	18845141	CHR3:18845141	SSF x LoA	-10,1112387	-0,082	0,298
CHR3	18845178	CHR3:18845178	SSF x LoA	-8,64601782	0,023	0,295
CHR3	18852152	CHR3:18852152	SSF x LoA	-7,56052298	0,127	0,290
CHR3	18852157	CHR3:18852157	SSF x LoA	-10,1857256	0,134	0,306
CHR3	1885899	CHR3:1885899	SSF x LoA	-9,22942856	0,116	0,297
CHR3	18866200	CHR3:18866200	SSF x LoA	-5,28789981	0,061	0,297

CHR3	18866222	CHR3:18866222	SSF x LoA	-9,03061944	-0,060	0,305
CHR3	18866247	CHR3:18866247	SSF x LoA	-9,41391385	0,069	0,298
CHR3	18866248	CHR3:18866248	SSF x LoA	-8,81915837	0,050	0,320
CHR3	18866262	CHR3:18866262	SSF x LoA	-7,59042579	-0,014	0,314
CHR3	18866320	CHR3:18866320	SSF x LoA	-8,29631407	-0,003	0,316
CHR3	18877031	CHR3:18877031	SSF x LoA	-10,9183268	0,013	0,301
CHR3	18884346	CHR3:18884346	SSF x LoA	-8,76023496	0,056	0,304
CHR3	18908960	CHR3:18908960	SSF x LoA	-7,87175531	0,047	0,307
CHR3	18909014	CHR3:18909014	SSF x LoA	-6,65078024	0,026	0,302
CHR3	18909217	CHR3:18909217	SSF x LoA	-9,3386171	0,063	0,307
CHR3	18909270	CHR3:18909270	SSF x LoA	-8,56485838	-0,058	0,296
CHR3	18914204	CHR3:18914204	SSF x LoA	-9,84941599	0,037	0,309
CHR3	18914332	CHR3:18914332	SSF x LoA	-9,47552296	0,070	0,311
CHR3	1891758	CHR3:1891758	SSF x LoA	-10,2626332	0,064	0,298
CHR3	1891811	CHR3:1891811	SSF x LoA	-9,8793546	0,087	0,308
CHR3	1891812	CHR3:1891812	SSF x LoA	-9,20637647	-0,017	0,307
CHR3	1891814	CHR3:1891814	SSF x LoA	-9,62099059	-0,037	0,300
CHR3	1891854	CHR3:1891854	SSF x LoA	-7,98790202	0,122	0,288
CHR3	1891855	CHR3:1891855	SSF x LoA	-6,94669148	-0,144	0,301
CHR3	1891865	CHR3:1891865	SSF x LoA	-9,73943577	-0,039	0,321
CHR3	1891867	CHR3:1891867	SSF x LoA	-6,74008716	-0,081	0,299
CHR3	18920385	CHR3:18920385	SSF x LoA	-6,62998599	0,217	0,300
CHR3	18920404	CHR3:18920404	SSF x LoA	-6,8949212	0,160	0,316
CHR3	18920511	CHR3:18920511	SSF x LoA	-7,54213792	-0,098	0,311
CHR3	18920549	CHR3:18920549	SSF x LoA	-10,5955071	0,105	0,297
CHR3	18925057	CHR3:18925057	SSF x LoA	-9,02084016	0,071	0,303
CHR3	18929282	CHR3:18929282	SSF x LoA	-9,33778456	-0,008	0,294
CHR3	18929513	CHR3:18929513	SSF x LoA	-10,6303772	0,045	0,312
CHR3	18940242	CHR3:18940242	SSF x LoA	-8,44962908	-0,095	0,308
CHR3	18940308	CHR3:18940308	SSF x LoA	-10,2460634	0,051	0,310
CHR3	18940367	CHR3:18940367	SSF x LoA	-8,78032461	-0,057	0,320
CHR3	18940441	CHR3:18940441	SSF x LoA	-11,5000263	0,077	0,302
CHR3	18940470	CHR3:18940470	SSF x LoA	-7,16039844	0,222	0,271
CHR3	1894488	CHR3:1894488	SSF x LoA	-9,17261293	0,020	0,304
CHR3	1894548	CHR3:1894548	SSF x LoA	-8,82775783	0,193	0,288
CHR3	1894572	CHR3:1894572	SSF x LoA	-11,618602	-0,011	0,313
CHR3	18950111	CHR3:18950111	SSF x LoA	-3,96642745	-0,131	0,290
CHR3	18950112	CHR3:18950112	SSF x LoA	-10,3626322	-0,099	0,302
CHR3	18950216	CHR3:18950216	SSF x LoA	-1,83058221	-0,162	0,300
CHR3	18950296	CHR3:18950296	SSF x LoA	-7,11251776	-0,162	0,294
CHR3	18956819	CHR3:18956819	SSF x LoA	-8,60596745	-0,051	0,302
CHR3	18956914	CHR3:18956914	SSF x LoA	-9,20364851	0,004	0,309
CHR3	1896140	CHR3:1896140	SSF x LoA	-8,94486403	-0,063	0,318
CHR3	18983686	CHR3:18983686	SSF x LoA	-10,1770365	-0,056	0,306
CHR3	18983771	CHR3:18983771	SSF x LoA	-11,1913708	0,047	0,314
CHR3	18986037	CHR3:18986037	SSF x LoA	-8,47910189	0,112	0,318
CHR3	18993969	CHR3:18993969	SSF x LoA	-11,1892408	0,080	0,315
CHR3	18994045	CHR3:18994045	SSF x LoA	-3,45605634	0,157	0,311
CHR3	18994077	CHR3:18994077	SSF x LoA	-6,79861405	0,152	0,303
CHR3	18994401	CHR3:18994401	SSF x LoA	-9,82997104	-0,029	0,301
CHR3	18994425	CHR3:18994425	SSF x LoA	-5,01650416	0,227	0,306
CHR3	18998163	CHR3:18998163	SSF x LoA	-7,38750453	-0,147	0,302
CHR3	18998257	CHR3:18998257	SSF x LoA	-8,17802443	-0,049	0,301

CHR3	1899997	CHR3:1899997	SSF x LoA	-11,2002662	-0,021	0,311
CHR3	19001015	CHR3:19001015	SSF x LoA	-10,8209252	0,042	0,304
CHR3	19004112	CHR3:19004112	SSF x LoA	-8,71553136	0,009	0,307
CHR3	19004171	CHR3:19004171	SSF x LoA	-7,38677354	-0,034	0,313
CHR3	19004178	CHR3:19004178	SSF x LoA	-7,24749714	0,126	0,295
CHR3	19004206	CHR3:19004206	SSF x LoA	-8,36565542	0,120	0,279
CHR3	19019234	CHR3:19019234	SSF x LoA	-11,5523634	-0,007	0,310
CHR3	19019254	CHR3:19019254	SSF x LoA	-12,3548121	-0,017	0,295
CHR3	1902729	CHR3:1902729	SSF x LoA	-4,10736508	0,175	0,296
CHR3	19037787	CHR3:19037787	SSF x LoA	-4,62212283	0,177	0,299
CHR3	19037795	CHR3:19037795	SSF x LoA	-8,2598155	0,150	0,287
CHR3	19037839	CHR3:19037839	SSF x LoA	-10,6537455	0,051	0,296
CHR3	19038028	CHR3:19038028	SSF x LoA	-8,129971	0,092	0,302
CHR3	19042842	CHR3:19042842	SSF x LoA	-5,49113159	-0,184	0,298
CHR3	19042974	CHR3:19042974	SSF x LoA	-0,59470188	0,171	0,300
CHR3	19043065	CHR3:19043065	SSF x LoA	-4,74899401	0,165	0,312
CHR3	19045508	CHR3:19045508	SSF x LoA	-4,77253077	-0,163	0,295
CHR3	19045709	CHR3:19045709	SSF x LoA	-9,44666767	0,054	0,305
CHR3	1906688	CHR3:1906688	SSF x LoA	-10,0126987	0,006	0,300
CHR3	1906700	CHR3:1906700	SSF x LoA	-10,1589282	0,021	0,285
CHR3	1906721	CHR3:1906721	SSF x LoA	-11,6125784	-0,089	0,305
CHR3	1906731	CHR3:1906731	SSF x LoA	-8,51244188	-0,021	0,308
CHR3	19079604	CHR3:19079604	SSF x LoA	-11,6439877	0,040	0,314
CHR3	19087977	CHR3:19087977	SSF x LoA	-9,44551493	-0,098	0,316
CHR3	1910886	CHR3:1910886	SSF x LoA	-9,46686624	0,121	0,320
CHR3	1911840	CHR3:1911840	SSF x LoA	-3,43640368	0,154	0,303
CHR3	1911890	CHR3:1911890	SSF x LoA	-8,40377474	-0,031	0,293
CHR3	19147274	CHR3:19147274	SSF x LoA	-8,53114707	-0,015	0,287
CHR3	19147372	CHR3:19147372	SSF x LoA	-7,78070259	0,013	0,293
CHR3	1915050	CHR3:1915050	SSF x LoA	-9,1902588	-0,123	0,293
CHR3	1915877	CHR3:1915877	SSF x LoA	-6,56412072	-0,072	0,304
CHR3	1915885	CHR3:1915885	SSF x LoA	-8,2765077	0,044	0,294
CHR3	19167627	CHR3:19167627	SSF x LoA	-9,02362937	0,117	0,306
CHR3	19167797	CHR3:19167797	SSF x LoA	-12,0362547	-0,045	0,305
CHR3	19167844	CHR3:19167844	SSF x LoA	-6,05034866	0,154	0,300
CHR3	19167872	CHR3:19167872	SSF x LoA	-4,82272977	0,157	0,307
CHR3	19167899	CHR3:19167899	SSF x LoA	-8,21581778	-0,068	0,315
CHR3	19185518	CHR3:19185518	SSF x LoA	-10,4316648	-0,118	0,309
CHR3	19188177	CHR3:19188177	SSF x LoA	-10,9203224	0,014	0,312
CHR3	19202979	CHR3:19202979	SSF x LoA	-7,83337519	-0,066	0,306
CHR3	19203135	CHR3:19203135	SSF x LoA	-9,74271102	0,050	0,306
CHR3	19210411	CHR3:19210411	SSF x LoA	-8,79282804	0,073	0,293
CHR3	19210454	CHR3:19210454	SSF x LoA	-9,87040705	0,001	0,318
CHR3	19210455	CHR3:19210455	SSF x LoA	-9,5286672	0,002	0,310
CHR3	19217757	CHR3:19217757	SSF x LoA	-8,45924388	-0,067	0,308
CHR3	19217759	CHR3:19217759	SSF x LoA	-9,06617232	-0,116	0,306
CHR3	19217846	CHR3:19217846	SSF x LoA	-6,71088599	0,062	0,307
CHR3	19219866	CHR3:19219866	SSF x LoA	-7,88910817	-0,077	0,297
CHR3	19219871	CHR3:19219871	SSF x LoA	-7,79067867	-0,091	0,322
CHR3	19219874	CHR3:19219874	SSF x LoA	-10,0318241	0,036	0,298
CHR3	19219906	CHR3:19219906	SSF x LoA	-8,75940075	0,076	0,292
CHR3	19219921	CHR3:19219921	SSF x LoA	-8,38203915	-0,096	0,309
CHR3	1924661	CHR3:1924661	SSF x LoA	-8,26339454	-0,147	0,289

CHR3	1924692	CHR3:1924692	SSF x LoA	-9,73398358	-0,117	0,289
CHR3	19271641	CHR3:19271641	SSF x LoA	-8,42526861	0,038	0,316
CHR3	19271744	CHR3:19271744	SSF x LoA	-9,10092847	0,007	0,320
CHR3	19272982	CHR3:19272982	SSF x LoA	-9,78279219	0,059	0,303
CHR3	19280297	CHR3:19280297	SSF x LoA	-11,2334699	0,053	0,312
CHR3	19280439	CHR3:19280439	SSF x LoA	-9,97524318	0,010	0,310
CHR3	19280459	CHR3:19280459	SSF x LoA	-10,6600553	0,010	0,317
CHR3	19282134	CHR3:19282134	SSF x LoA	-10,8367933	-0,022	0,309
CHR3	19282162	CHR3:19282162	SSF x LoA	-9,05434974	0,078	0,308
CHR3	19282188	CHR3:19282188	SSF x LoA	-9,35736593	0,013	0,324
CHR3	19282225	CHR3:19282225	SSF x LoA	-11,3023936	0,024	0,310
CHR3	1929668	CHR3:1929668	SSF x LoA	-11,2736091	-0,035	0,312
CHR3	19311589	CHR3:19311589	SSF x LoA	-9,3306834	-0,168	0,303
CHR3	19311691	CHR3:19311691	SSF x LoA	-7,77302165	-0,172	0,302
CHR3	1931637	CHR3:1931637	SSF x LoA	-10,6139059	-0,007	0,302
CHR3	1931646	CHR3:1931646	SSF x LoA	-8,38988879	0,108	0,288
CHR3	19320705	CHR3:19320705	SSF x LoA	-7,46142445	-0,114	0,307
CHR3	19320708	CHR3:19320708	SSF x LoA	-8,48295497	-0,081	0,304
CHR3	19320766	CHR3:19320766	SSF x LoA	-11,204784	-0,050	0,299
CHR3	19334242	CHR3:19334242	SSF x LoA	-9,08891472	0,104	0,312
CHR3	1933765	CHR3:1933765	SSF x LoA	-10,8906419	0,118	0,304
CHR3	1933807	CHR3:1933807	SSF x LoA	-10,5066016	-0,039	0,306
CHR3	1933871	CHR3:1933871	SSF x LoA	-9,43905825	0,011	0,298
CHR3	1933937	CHR3:1933937	SSF x LoA	7,78720127	-0,137	0,303
CHR3	19368516	CHR3:19368516	SSF x LoA	-10,2751386	0,009	0,311
CHR3	19368527	CHR3:19368527	SSF x LoA	-11,5595104	-0,010	0,315
CHR3	19388369	CHR3:19388369	SSF x LoA	-10,4234798	0,077	0,312
CHR3	19396364	CHR3:19396364	SSF x LoA	-10,1564002	-0,078	0,307
CHR3	19398957	CHR3:19398957	SSF x LoA	-9,28728677	0,030	0,319
CHR3	19438406	CHR3:19438406	SSF x LoA	-8,19926979	0,042	0,309
CHR3	1944110	CHR3:1944110	SSF x LoA	-8,52112234	-0,048	0,304
CHR3	1944173	CHR3:1944173	SSF x LoA	-3,56038869	-0,023	0,313
CHR3	1944176	CHR3:1944176	SSF x LoA	-8,87490376	-0,010	0,311
CHR3	1944201	CHR3:1944201	SSF x LoA	-7,54686857	0,016	0,311
CHR3	19444348	CHR3:19444348	SSF x LoA	-6,99908336	-0,138	0,311
CHR3	19444372	CHR3:19444372	SSF x LoA	-9,7711735	0,047	0,306
CHR3	19448274	CHR3:19448274	SSF x LoA	-8,16765941	-0,068	0,309
CHR3	19449987	CHR3:19449987	SSF x LoA	-10,9976048	0,059	0,300
CHR3	19458331	CHR3:19458331	SSF x LoA	-9,60132718	0,061	0,308
CHR3	19458332	CHR3:19458332	SSF x LoA	-6,78785155	0,107	0,302
CHR3	1946914	CHR3:1946914	SSF x LoA	-11,5808199	-0,016	0,305
CHR3	19471516	CHR3:19471516	SSF x LoA	-8,44800798	0,002	0,308
CHR3	19488553	CHR3:19488553	SSF x LoA	-10,0879293	-0,016	0,312
CHR3	19488593	CHR3:19488593	SSF x LoA	-9,45292029	0,009	0,306
CHR3	1949079	CHR3:1949079	SSF x LoA	-7,36463415	0,065	0,308
CHR3	1949157	CHR3:1949157	SSF x LoA	-11,2854459	-0,018	0,317
CHR3	2E+07	CHR3:19504329	SSF x LoA	-10,8396501	0,029	0,326
CHR3	2E+07	CHR3:19504337	SSF x LoA	-10,056831	-0,066	0,296
CHR3	2E+07	CHR3:19504355	SSF x LoA	-8,08875336	0,043	0,312
CHR3	2E+07	CHR3:19504370	SSF x LoA	-11,5497846	0,033	0,303
CHR3	2E+07	CHR3:19508689	SSF x LoA	-10,0032596	0,008	0,309
CHR3	2E+07	CHR3:19508696	SSF x LoA	-8,67707795	0,068	0,295
CHR3	2E+07	CHR3:19508890	SSF x LoA	-7,88365246	0,134	0,290

CHR3	2E+07	CHR3:19513025	SSF x LoA	-10,1481373	0,076	0,300
CHR3	1951675	CHR3:1951675	SSF x LoA	-8,78642388	-0,164	0,302
CHR3	2E+07	CHR3:19543505	SSF x LoA	-6,17954434	0,156	0,285
CHR3	2E+07	CHR3:19543507	SSF x LoA	-10,8513168	-0,045	0,294
CHR3	2E+07	CHR3:19543620	SSF x LoA	-11,0879101	-0,023	0,301
CHR3	2E+07	CHR3:19543624	SSF x LoA	-8,96798668	-0,110	0,306
CHR3	2E+07	CHR3:19563145	SSF x LoA	-11,0733201	0,014	0,304
CHR3	2E+07	CHR3:19563204	SSF x LoA	-9,23462921	-0,068	0,300
CHR3	2E+07	CHR3:19563322	SSF x LoA	-8,18684744	-0,101	0,315
CHR3	2E+07	CHR3:19568620	SSF x LoA	-7,00357435	0,023	0,332
CHR3	2E+07	CHR3:19568652	SSF x LoA	-9,20175084	-0,021	0,313
CHR3	2E+07	CHR3:19568672	SSF x LoA	-9,80369891	-0,003	0,305
CHR3	2E+07	CHR3:19568699	SSF x LoA	-11,0227615	0,020	0,290
CHR3	2E+07	CHR3:19576637	SSF x LoA	-10,7363901	0,112	0,302
CHR3	2E+07	CHR3:19576648	SSF x LoA	-9,97433199	-0,015	0,303
CHR3	2E+07	CHR3:19576677	SSF x LoA	0,37678276	0,122	0,309
CHR3	2E+07	CHR3:19576732	SSF x LoA	-8,48511737	-0,079	0,291
CHR3	2E+07	CHR3:19576774	SSF x LoA	-9,59880748	0,132	0,302
CHR3	2E+07	CHR3:19576802	SSF x LoA	-10,3271707	0,126	0,295
CHR3	2E+07	CHR3:19576882	SSF x LoA	-10,115585	0,101	0,319
CHR3	2E+07	CHR3:19576915	SSF x LoA	-9,48474058	0,118	0,316
CHR3	2E+07	CHR3:19577786	SSF x LoA	-9,8063129	-0,038	0,319
CHR3	2E+07	CHR3:19577863	SSF x LoA	-9,20474691	-0,041	0,303
CHR3	2E+07	CHR3:19581047	SSF x LoA	-5,64912808	-0,133	0,295
CHR3	2E+07	CHR3:19583353	SSF x LoA	-9,40234946	0,103	0,306
CHR3	2E+07	CHR3:19583585	SSF x LoA	-9,06455477	-0,054	0,321
CHR3	2E+07	CHR3:19583592	SSF x LoA	-6,47394285	-0,063	0,311
CHR3	2E+07	CHR3:19592210	SSF x LoA	-10,1370528	0,049	0,311
CHR3	2E+07	CHR3:19592255	SSF x LoA	-10,0576917	-0,036	0,304
CHR3	2E+07	CHR3:19592289	SSF x LoA	-9,18559674	-0,026	0,295
CHR3	2E+07	CHR3:19592298	SSF x LoA	-9,81447471	-0,017	0,314
CHR3	2E+07	CHR3:19599044	SSF x LoA	-2,12768192	-0,137	0,308
CHR3	2E+07	CHR3:19599692	SSF x LoA	-10,8885149	0,101	0,303
CHR3	2E+07	CHR3:19608527	SSF x LoA	-8,19284611	0,115	0,300
CHR3	2E+07	CHR3:19609387	SSF x LoA	-7,53059246	0,076	0,312
CHR3	2E+07	CHR3:19609491	SSF x LoA	-9,32584542	0,061	0,282
CHR3	2E+07	CHR3:19609497	SSF x LoA	-11,4137601	0,062	0,302
CHR3	2E+07	CHR3:19611306	SSF x LoA	-8,55690144	-0,077	0,298
CHR3	2E+07	CHR3:19611395	SSF x LoA	-9,06725985	-0,105	0,317
CHR3	2E+07	CHR3:19628701	SSF x LoA	-9,5461374	-0,017	0,306
CHR3	2E+07	CHR3:19628725	SSF x LoA	-11,1150862	-0,042	0,301
CHR3	2E+07	CHR3:19643656	SSF x LoA	-6,70204444	-0,063	0,299
CHR3	2E+07	CHR3:19643661	SSF x LoA	-9,28684891	0,120	0,287
CHR3	2E+07	CHR3:19643727	SSF x LoA	-8,92330595	-0,040	0,320
CHR3	2E+07	CHR3:19643739	SSF x LoA	-9,00413529	-0,006	0,310
CHR3	2E+07	CHR3:19643740	SSF x LoA	-9,10332237	0,006	0,310
CHR3	2E+07	CHR3:19643742	SSF x LoA	-8,24789623	-0,025	0,306
CHR3	2E+07	CHR3:19643753	SSF x LoA	-9,56425536	-0,013	0,297
CHR3	2E+07	CHR3:19657589	SSF x LoA	-10,4224882	-0,159	0,296
CHR3	2E+07	CHR3:19673673	SSF x LoA	-9,98554406	-0,005	0,310
CHR3	2E+07	CHR3:19673680	SSF x LoA	-10,1849231	0,024	0,307
CHR3	2E+07	CHR3:19677435	SSF x LoA	-8,29404748	-0,112	0,311
CHR3	2E+07	CHR3:19677486	SSF x LoA	-10,6422482	-0,053	0,310

CHR3	2E+07	CHR3:19677490	SSF x LoA	-9,06916451	0,055	0,317
CHR3	2E+07	CHR3:19677539	SSF x LoA	-7,34712069	-0,131	0,300
CHR3	2E+07	CHR3:19677589	SSF x LoA	-8,51049086	-0,095	0,309
CHR3	2E+07	CHR3:19677605	SSF x LoA	-9,83033509	-0,066	0,299
CHR3	2E+07	CHR3:19679936	SSF x LoA	-10,1979244	-0,036	0,300
CHR3	2E+07	CHR3:19686505	SSF x LoA	-7,95967893	-0,038	0,313
CHR3	2E+07	CHR3:19686601	SSF x LoA	-8,83375823	-0,057	0,307
CHR3	2E+07	CHR3:19694448	SSF x LoA	-8,21129261	0,070	0,296
CHR3	2E+07	CHR3:19694499	SSF x LoA	-8,36629718	0,020	0,306
CHR3	2E+07	CHR3:19694540	SSF x LoA	-9,04013018	0,018	0,307
CHR3	2E+07	CHR3:19694556	SSF x LoA	-8,6002949	-0,011	0,296
CHR3	2E+07	CHR3:19697923	SSF x LoA	-9,36504529	0,051	0,309
CHR3	2E+07	CHR3:19698027	SSF x LoA	-9,23064037	0,096	0,307
CHR3	2E+07	CHR3:19698035	SSF x LoA	-9,7508789	-0,053	0,298
CHR3	2E+07	CHR3:19698089	SSF x LoA	-10,5356355	0,005	0,303
CHR3	2E+07	CHR3:19698119	SSF x LoA	-7,22358228	-0,042	0,296
CHR3	2E+07	CHR3:19698169	SSF x LoA	-10,0631598	0,035	0,314
CHR3	2E+07	CHR3:19701284	SSF x LoA	-10,7065168	0,091	0,294
CHR3	2E+07	CHR3:19701343	SSF x LoA	-11,9619804	0,015	0,296
CHR3	2E+07	CHR3:19701463	SSF x LoA	-7,8526925	0,072	0,318
CHR3	2E+07	CHR3:19701468	SSF x LoA	-7,52425934	0,034	0,319
CHR3	2E+07	CHR3:19702555	SSF x LoA	-9,30317794	-0,001	0,304
CHR3	2E+07	CHR3:19702575	SSF x LoA	-11,4414788	-0,145	0,299
CHR3	2E+07	CHR3:19724583	SSF x LoA	-9,38101359	0,104	0,312
CHR3	2E+07	CHR3:19726629	SSF x LoA	-9,83715671	0,035	0,314
CHR3	2E+07	CHR3:19728153	SSF x LoA	-6,97499327	0,075	0,309
CHR3	2E+07	CHR3:19728171	SSF x LoA	-8,30275779	0,086	0,311
CHR3	2E+07	CHR3:19728261	SSF x LoA	-8,70177673	0,041	0,316
CHR3	2E+07	CHR3:19740521	SSF x LoA	-9,60474088	0,043	0,306
CHR3	2E+07	CHR3:19740603	SSF x LoA	-4,98266996	-0,096	0,310
CHR3	2E+07	CHR3:19740618	SSF x LoA	-5,92985218	0,082	0,311
CHR3	2E+07	CHR3:19740711	SSF x LoA	-7,76963874	0,109	0,322
CHR3	2E+07	CHR3:19740712	SSF x LoA	-8,56402783	-0,026	0,316
CHR3	2E+07	CHR3:19746840	SSF x LoA	-9,62100391	-0,015	0,295
CHR3	2E+07	CHR3:19748563	SSF x LoA	-8,25724483	0,010	0,296
CHR3	2E+07	CHR3:19764877	SSF x LoA	-11,8786561	0,001	0,303
CHR3	2E+07	CHR3:19776041	SSF x LoA	-9,68935267	0,047	0,324
CHR3	2E+07	CHR3:19788968	SSF x LoA	-7,59300178	-0,086	0,310
CHR3	2E+07	CHR3:19788981	SSF x LoA	-3,45819934	0,022	0,301
CHR3	2E+07	CHR3:19789023	SSF x LoA	-8,8339903	-0,053	0,300
CHR3	2E+07	CHR3:19789677	SSF x LoA	-11,2039116	0,049	0,315
CHR3	2E+07	CHR3:19791329	SSF x LoA	-8,48044386	0,005	0,313
CHR3	2E+07	CHR3:19791351	SSF x LoA	-8,75295287	-0,015	0,304
CHR3	2E+07	CHR3:19791358	SSF x LoA	-10,8139595	-0,017	0,317
CHR3	2E+07	CHR3:19791359	SSF x LoA	-10,6317419	-0,073	0,302
CHR3	2E+07	CHR3:19791366	SSF x LoA	-10,3579891	0,005	0,317
CHR3	2E+07	CHR3:19812520	SSF x LoA	-11,5025336	-0,051	0,316
CHR3	2E+07	CHR3:19830114	SSF x LoA	-7,80259694	0,048	0,302
CHR3	2E+07	CHR3:19830152	SSF x LoA	-9,40389809	-0,051	0,305
CHR3	2E+07	CHR3:19830177	SSF x LoA	-9,72206777	-0,048	0,298
CHR3	2E+07	CHR3:19830331	SSF x LoA	-7,16523782	-0,135	0,292
CHR3	2E+07	CHR3:19830334	SSF x LoA	-8,65179563	0,102	0,302
CHR3	2E+07	CHR3:19853683	SSF x LoA	-11,2640627	0,001	0,311

CHR3	2E+07	CHR3:19864403	SSF x LoA	-7,96240348	-0,028	0,307
CHR3	2E+07	CHR3:19864497	SSF x LoA	-5,95571118	-0,051	0,308
CHR3	2E+07	CHR3:19864519	SSF x LoA	-9,71249786	-0,013	0,297
CHR3	2E+07	CHR3:19864601	SSF x LoA	-10,3697077	-0,071	0,302
CHR3	2E+07	CHR3:19864628	SSF x LoA	-6,99357478	0,068	0,291
CHR3	2E+07	CHR3:19864646	SSF x LoA	-10,9919537	-0,028	0,310
CHR3	2E+07	CHR3:19864656	SSF x LoA	-11,0950905	-0,061	0,301
CHR3	2E+07	CHR3:19886270	SSF x LoA	-7,19189115	0,058	0,306
CHR3	2E+07	CHR3:19896860	SSF x LoA	-7,9136274	0,027	0,306
CHR3	2E+07	CHR3:19896882	SSF x LoA	-9,41373872	0,042	0,319
CHR3	2E+07	CHR3:19906535	SSF x LoA	-9,64957859	0,065	0,294
CHR3	2E+07	CHR3:19906599	SSF x LoA	-6,93727928	0,096	0,314
CHR3	2E+07	CHR3:19908796	SSF x LoA	-9,84204543	-0,044	0,300
CHR3	2E+07	CHR3:19908846	SSF x LoA	-9,62281733	0,105	0,299
CHR3	2E+07	CHR3:19924521	SSF x LoA	-9,91199961	0,085	0,288
CHR3	1992734	CHR3:1992734	SSF x LoA	-4,22901251	-0,212	0,291
CHR3	1992809	CHR3:1992809	SSF x LoA	-9,26905348	-0,039	0,318
CHR3	2E+07	CHR3:19937345	SSF x LoA	-2,65034422	-0,168	0,295
CHR3	2E+07	CHR3:19941286	SSF x LoA	-7,46046365	-0,072	0,311
CHR3	2E+07	CHR3:19979912	SSF x LoA	-9,67145795	0,098	0,317
CHR3	2E+07	CHR3:19986504	SSF x LoA	-7,48497635	-0,192	0,290
CHR3	2E+07	CHR3:19986805	SSF x LoA	-4,37841065	0,177	0,315
CHR3	2E+07	CHR3:20019012	SSF x LoA	-8,33790541	0,009	0,311
CHR3	2E+07	CHR3:20019095	SSF x LoA	-8,34968999	0,115	0,314
CHR3	2E+07	CHR3:20019184	SSF x LoA	-9,10726484	-0,115	0,309
CHR3	2E+07	CHR3:20083883	SSF x LoA	-9,20579503	0,062	0,307
CHR3	2E+07	CHR3:20090801	SSF x LoA	-8,0979349	0,101	0,323
CHR3	2E+07	CHR3:20090823	SSF x LoA	-9,06911338	0,006	0,304
CHR3	2E+07	CHR3:20090857	SSF x LoA	-9,03402395	0,033	0,299
CHR3	2E+07	CHR3:20090860	SSF x LoA	-8,8255181	-0,071	0,303
CHR3	2E+07	CHR3:20090873	SSF x LoA	-8,15345946	-0,094	0,297
CHR3	2E+07	CHR3:20090885	SSF x LoA	-9,78160501	0,042	0,310
CHR3	2E+07	CHR3:20090892	SSF x LoA	-9,93176352	0,080	0,318
CHR3	2E+07	CHR3:20090911	SSF x LoA	-10,3198232	0,057	0,310
CHR3	2E+07	CHR3:20090954	SSF x LoA	-11,345533	0,075	0,297
CHR3	2E+07	CHR3:20091026	SSF x LoA	-8,79023425	-0,076	0,316
CHR3	2E+07	CHR3:20091047	SSF x LoA	-10,3509857	0,064	0,301
CHR3	2E+07	CHR3:20097258	SSF x LoA	-10,6381948	-0,060	0,298
CHR3	2E+07	CHR3:20098362	SSF x LoA	-11,2403203	-0,048	0,299
CHR3	2010604	CHR3:2010604	SSF x LoA	-7,84670812	0,065	0,305
CHR3	2010605	CHR3:2010605	SSF x LoA	-8,03173572	-0,055	0,313
CHR3	2010681	CHR3:2010681	SSF x LoA	-8,69030266	0,075	0,303
CHR3	2E+07	CHR3:20110025	SSF x LoA	-11,6234143	0,018	0,294
CHR3	2013101	CHR3:2013101	SSF x LoA	-7,79380802	-0,141	0,293
CHR3	2013108	CHR3:2013108	SSF x LoA	-8,6773854	-0,148	0,308
CHR3	2013128	CHR3:2013128	SSF x LoA	-12,5398297	-0,062	0,307
CHR3	2013151	CHR3:2013151	SSF x LoA	-10,6824931	0,003	0,311
CHR3	2013161	CHR3:2013161	SSF x LoA	-9,20225041	-0,048	0,289
CHR3	2013253	CHR3:2013253	SSF x LoA	-10,2174115	-0,024	0,304
CHR3	2013334	CHR3:2013334	SSF x LoA	-9,21035439	0,040	0,321
CHR3	2E+07	CHR3:20135739	SSF x LoA	-9,62189984	0,090	0,302
CHR3	2017136	CHR3:2017136	SSF x LoA	-9,75858701	-0,054	0,318
CHR3	2017202	CHR3:2017202	SSF x LoA	-8,07269563	-0,125	0,298

CHR3	2017247	CHR3:2017247	SSF x LoA	-9,66999792	0,008	0,305
CHR3	2017344	CHR3:2017344	SSF x LoA	-9,91922153	-0,042	0,316
CHR3	2017366	CHR3:2017366	SSF x LoA	-9,9977753	0,115	0,295
CHR3	2E+07	CHR3:20184703	SSF x LoA	-10,2094294	-0,080	0,306
CHR3	2E+07	CHR3:20189901	SSF x LoA	-9,73958977	-0,024	0,322
CHR3	2E+07	CHR3:20191208	SSF x LoA	-9,33349226	0,018	0,300
CHR3	2E+07	CHR3:20241077	SSF x LoA	-11,8569688	0,023	0,299
CHR3	2E+07	CHR3:20243691	SSF x LoA	-10,9502428	-0,035	0,319
CHR3	2E+07	CHR3:20243872	SSF x LoA	-8,58950997	-0,059	0,300
CHR3	2E+07	CHR3:20243927	SSF x LoA	-7,16778828	0,135	0,300
CHR3	2E+07	CHR3:20246095	SSF x LoA	-10,1576417	-0,008	0,317
CHR3	2E+07	CHR3:20246147	SSF x LoA	-10,6250877	0,022	0,306
CHR3	2E+07	CHR3:20269182	SSF x LoA	-9,50217081	-0,083	0,323
CHR3	2E+07	CHR3:20269204	SSF x LoA	-8,49416889	-0,049	0,303
CHR3	2E+07	CHR3:20273487	SSF x LoA	-9,92328096	0,011	0,309
CHR3	2E+07	CHR3:20273488	SSF x LoA	-9,78231119	0,012	0,302
CHR3	2E+07	CHR3:20273619	SSF x LoA	-10,4431353	0,133	0,299
CHR3	2E+07	CHR3:20273624	SSF x LoA	-7,91198635	-0,023	0,317
CHR3	2E+07	CHR3:20288618	SSF x LoA	-7,76933216	0,003	0,300
CHR3	2E+07	CHR3:20288619	SSF x LoA	-6,40270773	0,006	0,313
CHR3	2E+07	CHR3:20288633	SSF x LoA	-10,1635115	-0,001	0,322
CHR3	2E+07	CHR3:20289290	SSF x LoA	-9,71132573	0,074	0,321
CHR3	2E+07	CHR3:20289291	SSF x LoA	-9,3818126	0,101	0,310
CHR3	2E+07	CHR3:20293297	SSF x LoA	-7,66391851	-0,095	0,310
CHR3	2E+07	CHR3:20293308	SSF x LoA	-10,0923539	0,129	0,309
CHR3	2E+07	CHR3:20297781	SSF x LoA	-10,9803087	0,006	0,302
CHR3	2E+07	CHR3:20297804	SSF x LoA	-8,87929947	-0,045	0,299
CHR3	2E+07	CHR3:20297835	SSF x LoA	-8,51184105	-0,017	0,307
CHR3	2E+07	CHR3:20297936	SSF x LoA	-8,40496818	-0,121	0,309
CHR3	2E+07	CHR3:20303900	SSF x LoA	-11,4361889	-0,015	0,317
CHR3	2E+07	CHR3:20304128	SSF x LoA	-7,38376126	-0,103	0,311
CHR3	2E+07	CHR3:20311646	SSF x LoA	-9,87288595	0,028	0,303
CHR3	2E+07	CHR3:20311647	SSF x LoA	-9,18623927	-0,006	0,315
CHR3	2E+07	CHR3:20311673	SSF x LoA	-8,60666488	0,130	0,304
CHR3	2E+07	CHR3:20312823	SSF x LoA	-8,39077555	-0,161	0,303
CHR3	2E+07	CHR3:20312829	SSF x LoA	-10,0996429	-0,135	0,315
CHR3	2E+07	CHR3:20318101	SSF x LoA	-5,7936199	0,056	0,302
CHR3	2E+07	CHR3:20318148	SSF x LoA	-11,5587361	0,082	0,311
CHR3	2E+07	CHR3:20318152	SSF x LoA	-10,9418689	-0,012	0,302
CHR3	2E+07	CHR3:20318214	SSF x LoA	-10,0121592	0,101	0,311
CHR3	2E+07	CHR3:20318244	SSF x LoA	-8,64209699	0,037	0,316
CHR3	2E+07	CHR3:20318278	SSF x LoA	-7,0561241	0,114	0,314
CHR3	2E+07	CHR3:20318308	SSF x LoA	-7,93157164	0,028	0,303
CHR3	2E+07	CHR3:20334079	SSF x LoA	-7,61791089	0,062	0,310
CHR3	2E+07	CHR3:20334108	SSF x LoA	-9,94402899	0,062	0,311
CHR3	2E+07	CHR3:20334122	SSF x LoA	-9,85567068	0,062	0,294
CHR3	2E+07	CHR3:20340267	SSF x LoA	-7,93610666	0,047	0,320
CHR3	2E+07	CHR3:20348389	SSF x LoA	-2,97872456	0,036	0,315
CHR3	2E+07	CHR3:20348390	SSF x LoA	-8,94088886	0,015	0,309
CHR3	2E+07	CHR3:20348475	SSF x LoA	-9,75418372	0,118	0,315
CHR3	2E+07	CHR3:20352268	SSF x LoA	-10,5373826	0,049	0,311
CHR3	2035926	CHR3:2035926	SSF x LoA	-10,7514355	-0,052	0,303
CHR3	2E+07	CHR3:20372004	SSF x LoA	-9,1885556	0,091	0,306

CHR3	2E+07	CHR3:20373365	SSF x LoA	-8,60523995	0,076	0,303
CHR3	2E+07	CHR3:20373381	SSF x LoA	-8,28073686	0,066	0,312
CHR3	2E+07	CHR3:20381435	SSF x LoA	-7,06135321	0,134	0,304
CHR3	2E+07	CHR3:20381587	SSF x LoA	-4,56427826	-0,012	0,314
CHR3	2E+07	CHR3:20381601	SSF x LoA	-8,26164945	-0,028	0,296
CHR3	2E+07	CHR3:20392363	SSF x LoA	-4,60175036	-0,012	0,308
CHR3	2040375	CHR3:2040375	SSF x LoA	-9,14285794	-0,099	0,296
CHR3	2040456	CHR3:2040456	SSF x LoA	-7,97291032	-0,046	0,300
CHR3	2E+07	CHR3:20415549	SSF x LoA	-9,02037344	-0,074	0,289
CHR3	2E+07	CHR3:20418900	SSF x LoA	-0,26234555	0,084	0,312
CHR3	2E+07	CHR3:20418969	SSF x LoA	-9,18688839	0,052	0,312
CHR3	2E+07	CHR3:20420036	SSF x LoA	-7,77251537	-0,097	0,321
CHR3	2E+07	CHR3:20420038	SSF x LoA	-0,30259419	-0,051	0,303
CHR3	2E+07	CHR3:20420049	SSF x LoA	-9,20560356	-0,041	0,307
CHR3	2E+07	CHR3:20420129	SSF x LoA	-8,32467732	-0,170	0,305
CHR3	2E+07	CHR3:20423962	SSF x LoA	-7,05639513	-0,233	0,289
CHR3	2E+07	CHR3:20424038	SSF x LoA	-10,3245103	0,103	0,306
CHR3	2E+07	CHR3:20431658	SSF x LoA	-11,113178	0,037	0,307
CHR3	2E+07	CHR3:20433926	SSF x LoA	-8,65507462	-0,054	0,313
CHR3	2E+07	CHR3:20438249	SSF x LoA	-11,0947709	-0,045	0,316
CHR3	2E+07	CHR3:20447315	SSF x LoA	-10,2183152	0,022	0,299
CHR3	2E+07	CHR3:20450787	SSF x LoA	-10,1375357	-0,058	0,313
CHR3	2E+07	CHR3:20450867	SSF x LoA	-7,95536505	-0,025	0,307
CHR3	2E+07	CHR3:20453790	SSF x LoA	-9,51500514	0,019	0,321
CHR3	2E+07	CHR3:20453960	SSF x LoA	-10,5114955	-0,012	0,298
CHR3	2E+07	CHR3:20453973	SSF x LoA	-8,00159958	-0,133	0,322
CHR3	2045682	CHR3:2045682	SSF x LoA	-10,420145	0,063	0,289
CHR3	2045875	CHR3:2045875	SSF x LoA	-3,7250775	-0,074	0,304
CHR3	2045886	CHR3:2045886	SSF x LoA	-10,1592419	-0,042	0,292
CHR3	2045890	CHR3:2045890	SSF x LoA	-11,5562984	-0,059	0,312
CHR3	2E+07	CHR3:20468508	SSF x LoA	-11,9807881	0,071	0,295
CHR3	2E+07	CHR3:20468541	SSF x LoA	-9,14655088	-0,104	0,306
CHR3	2E+07	CHR3:20476403	SSF x LoA	-10,7388154	0,073	0,315
CHR3	2E+07	CHR3:20476533	SSF x LoA	-11,9508607	0,004	0,298
CHR3	2E+07	CHR3:20492875	SSF x LoA	-9,1988099	0,165	0,289
CHR3	2E+07	CHR3:20492877	SSF x LoA	-10,2358101	0,166	0,305
CHR3	2E+07	CHR3:20492912	SSF x LoA	-9,46825777	0,081	0,313
CHR3	2E+07	CHR3:20492959	SSF x LoA	-9,58210649	0,060	0,299
CHR3	2E+07	CHR3:20493680	SSF x LoA	-7,76654672	0,053	0,315
CHR3	20505094	CHR3:20505094	SSF x LoA	-7,82431062	0,138	0,292
CHR3	20505113	CHR3:20505113	SSF x LoA	-1,65192836	0,157	0,301
CHR3	20546699	CHR3:20546699	SSF x LoA	-11,085822	-0,089	0,309
CHR3	20546998	CHR3:20546998	SSF x LoA	-11,3180828	0,090	0,311
CHR3	20547000	CHR3:20547000	SSF x LoA	-9,33338506	0,118	0,313
CHR3	20551178	CHR3:20551178	SSF x LoA	-7,3438759	-0,026	0,304
CHR3	20551203	CHR3:20551203	SSF x LoA	-8,81548203	0,048	0,321
CHR3	20551268	CHR3:20551268	SSF x LoA	-6,98858543	-0,058	0,318
CHR3	20551453	CHR3:20551453	SSF x LoA	-9,16456408	0,072	0,322
CHR3	20564210	CHR3:20564210	SSF x LoA	-12,7639338	0,032	0,293
CHR3	20564280	CHR3:20564280	SSF x LoA	-8,55685883	0,043	0,311
CHR3	20566199	CHR3:20566199	SSF x LoA	-8,41738842	0,008	0,314
CHR3	20566214	CHR3:20566214	SSF x LoA	-9,07373367	0,018	0,310
CHR3	20566230	CHR3:20566230	SSF x LoA	-9,16042692	-0,004	0,318

CHR3	20566269	CHR3:20566269	SSF x LoA	-8,88348682	0,003	0,307
CHR3	20566274	CHR3:20566274	SSF x LoA	-9,29952679	0,019	0,304
CHR3	20566286	CHR3:20566286	SSF x LoA	-9,66414188	-0,026	0,309
CHR3	20566297	CHR3:20566297	SSF x LoA	-7,87254894	-0,019	0,316
CHR3	20566362	CHR3:20566362	SSF x LoA	-8,67932563	0,032	0,312
CHR3	20569232	CHR3:20569232	SSF x LoA	-8,65048409	0,002	0,297
CHR3	20569238	CHR3:20569238	SSF x LoA	-11,498882	-0,043	0,300
CHR3	20569298	CHR3:20569298	SSF x LoA	-8,20257054	-0,098	0,302
CHR3	20570298	CHR3:20570298	SSF x LoA	-6,75902478	0,054	0,312
CHR3	20570441	CHR3:20570441	SSF x LoA	-9,21339519	0,016	0,304
CHR3	20584535	CHR3:20584535	SSF x LoA	-6,59893707	0,042	0,320
CHR3	20586524	CHR3:20586524	SSF x LoA	-10,2846919	0,009	0,314
CHR3	20586621	CHR3:20586621	SSF x LoA	-11,583047	-0,018	0,311
CHR3	20586706	CHR3:20586706	SSF x LoA	-7,58156345	-0,202	0,305
CHR3	20586851	CHR3:20586851	SSF x LoA	-8,62465149	0,078	0,309
CHR3	20598714	CHR3:20598714	SSF x LoA	-7,87789028	0,160	0,294
CHR3	20599723	CHR3:20599723	SSF x LoA	-8,28462463	-0,120	0,300
CHR3	20599773	CHR3:20599773	SSF x LoA	-9,06041636	0,035	0,310
CHR3	20599796	CHR3:20599796	SSF x LoA	-8,65595542	-0,042	0,313
CHR3	20610691	CHR3:20610691	SSF x LoA	-3,07211539	-0,162	0,308
CHR3	20610737	CHR3:20610737	SSF x LoA	-6,41290863	-0,015	0,304
CHR3	20610855	CHR3:20610855	SSF x LoA	-7,2365122	-0,046	0,308
CHR3	20621050	CHR3:20621050	SSF x LoA	-10,3280241	-0,081	0,304
CHR3	20621123	CHR3:20621123	SSF x LoA	-9,13935264	0,041	0,299
CHR3	20630907	CHR3:20630907	SSF x LoA	-5,89764586	0,051	0,319
CHR3	20640750	CHR3:20640750	SSF x LoA	-10,7884743	0,064	0,313
CHR3	20670590	CHR3:20670590	SSF x LoA	-9,93082242	-0,047	0,309
CHR3	20670593	CHR3:20670593	SSF x LoA	-11,575404	-0,016	0,310
CHR3	2068798	CHR3:2068798	SSF x LoA	-12,2822554	-0,022	0,317
CHR3	2068874	CHR3:2068874	SSF x LoA	-6,89546855	-0,099	0,322
CHR3	2068996	CHR3:2068996	SSF x LoA	-4,99521691	0,122	0,311
CHR3	20706542	CHR3:20706542	SSF x LoA	-11,8225197	0,017	0,306
CHR3	20706546	CHR3:20706546	SSF x LoA	-7,89115004	0,111	0,286
CHR3	20714247	CHR3:20714247	SSF x LoA	-11,4584058	0,010	0,300
CHR3	20714274	CHR3:20714274	SSF x LoA	-5,19649331	0,204	0,307
CHR3	20719902	CHR3:20719902	SSF x LoA	-8,56551973	0,183	0,303
CHR3	2073467	CHR3:2073467	SSF x LoA	-4,02952057	-0,009	0,306
CHR3	20752524	CHR3:20752524	SSF x LoA	-12,1466833	0,025	0,300
CHR3	20760725	CHR3:20760725	SSF x LoA	-8,41421967	0,079	0,292
CHR3	20773492	CHR3:20773492	SSF x LoA	-8,4646255	0,021	0,319
CHR3	20773542	CHR3:20773542	SSF x LoA	-9,59632799	0,026	0,317
CHR3	20789168	CHR3:20789168	SSF x LoA	-8,52308984	0,086	0,309
CHR3	20812220	CHR3:20812220	SSF x LoA	-9,69504537	0,069	0,302
CHR3	2082249	CHR3:2082249	SSF x LoA	-8,52834921	-0,021	0,313
CHR3	20822741	CHR3:20822741	SSF x LoA	-9,51278938	0,147	0,304
CHR3	2082312	CHR3:2082312	SSF x LoA	-7,26686878	0,102	0,295
CHR3	2082363	CHR3:2082363	SSF x LoA	-9,00667385	-0,148	0,298
CHR3	20843215	CHR3:20843215	SSF x LoA	-10,8977937	-0,050	0,312
CHR3	2084696	CHR3:2084696	SSF x LoA	-7,97678662	0,085	0,309
CHR3	20866233	CHR3:20866233	SSF x LoA	-8,31046969	0,144	0,300
CHR3	20874682	CHR3:20874682	SSF x LoA	-8,75608446	0,046	0,306
CHR3	2087806	CHR3:2087806	SSF x LoA	-8,0500311	-0,050	0,311
CHR3	2087874	CHR3:2087874	SSF x LoA	-10,3560652	0,117	0,297

CHR3	2087907	CHR3:2087907	SSF x LoA	-7,90928542	0,115	0,313
CHR3	2087979	CHR3:2087979	SSF x LoA	-9,53903038	-0,099	0,312
CHR3	20931873	CHR3:20931873	SSF x LoA	-8,24863666	0,026	0,309
CHR3	20931929	CHR3:20931929	SSF x LoA	-8,60438268	-0,017	0,319
CHR3	20931975	CHR3:20931975	SSF x LoA	-8,60907559	-0,003	0,323
CHR3	20931983	CHR3:20931983	SSF x LoA	-8,21473291	0,014	0,316
CHR3	20931984	CHR3:20931984	SSF x LoA	-8,5851568	-0,032	0,314
CHR3	20931989	CHR3:20931989	SSF x LoA	-8,61055308	-0,018	0,309
CHR3	20931993	CHR3:20931993	SSF x LoA	-9,0444402	0,004	0,304
CHR3	20932043	CHR3:20932043	SSF x LoA	-7,74859281	-0,025	0,324
CHR3	20932067	CHR3:20932067	SSF x LoA	-6,30518255	-0,016	0,319
CHR3	2095938	CHR3:2095938	SSF x LoA	-10,1902938	-0,038	0,299
CHR3	2096002	CHR3:2096002	SSF x LoA	-7,83619059	-0,069	0,311
CHR3	2096003	CHR3:2096003	SSF x LoA	-8,72708351	-0,013	0,301
CHR3	2096071	CHR3:2096071	SSF x LoA	-9,51221156	-0,064	0,323
CHR3	209662	CHR3:209662	SSF x LoA	-11,8292634	-0,008	0,322
CHR3	20967433	CHR3:20967433	SSF x LoA	-8,05147544	0,016	0,319
CHR3	20967461	CHR3:20967461	SSF x LoA	-8,64530041	0,001	0,318
CHR3	20967483	CHR3:20967483	SSF x LoA	-8,08664732	-0,026	0,319
CHR3	20967511	CHR3:20967511	SSF x LoA	-7,9267823	-0,015	0,336
CHR3	20967548	CHR3:20967548	SSF x LoA	-9,1940079	0,000	0,315
CHR3	20967728	CHR3:20967728	SSF x LoA	-9,06542862	0,013	0,316
CHR3	20967744	CHR3:20967744	SSF x LoA	-9,50911134	-0,018	0,307
CHR3	20974577	CHR3:20974577	SSF x LoA	-10,2160704	-0,038	0,303
CHR3	21005041	CHR3:21005041	SSF x LoA	-8,7725087	-0,008	0,308
CHR3	21005152	CHR3:21005152	SSF x LoA	-8,97667313	-0,005	0,316
CHR3	2105364	CHR3:2105364	SSF x LoA	-10,5876464	-0,067	0,299
CHR3	2105483	CHR3:2105483	SSF x LoA	-7,45574779	-0,131	0,300
CHR3	2105500	CHR3:2105500	SSF x LoA	-8,16525528	-0,127	0,303
CHR3	2105619	CHR3:2105619	SSF x LoA	-8,62898401	0,112	0,301
CHR3	2106907	CHR3:2106907	SSF x LoA	-11,4607896	-0,058	0,309
CHR3	21074693	CHR3:21074693	SSF x LoA	-6,42239406	0,016	0,315
CHR3	21074709	CHR3:21074709	SSF x LoA	-8,92776963	-0,010	0,301
CHR3	21074784	CHR3:21074784	SSF x LoA	-4,42654449	-0,017	0,323
CHR3	21074816	CHR3:21074816	SSF x LoA	-6,81511353	0,005	0,316
CHR3	21091908	CHR3:21091908	SSF x LoA	-9,17229559	-0,015	0,319
CHR3	21092054	CHR3:21092054	SSF x LoA	-9,01624589	-0,016	0,317
CHR3	21092087	CHR3:21092087	SSF x LoA	-7,67247294	-0,033	0,327
CHR3	21092092	CHR3:21092092	SSF x LoA	-7,82252762	0,017	0,330
CHR3	21092103	CHR3:21092103	SSF x LoA	-8,741616	-0,013	0,319
CHR3	21092146	CHR3:21092146	SSF x LoA	-9,76665924	-0,013	0,302
CHR3	21092179	CHR3:21092179	SSF x LoA	-6,76757584	0,006	0,302
CHR3	21149046	CHR3:21149046	SSF x LoA	-10,4883642	0,014	0,312
CHR3	21159661	CHR3:21159661	SSF x LoA	-3,57387415	-0,006	0,320
CHR3	21203766	CHR3:21203766	SSF x LoA	-10,9171732	0,030	0,289
CHR3	2123349	CHR3:2123349	SSF x LoA	-10,6472496	-0,012	0,316
CHR3	2123430	CHR3:2123430	SSF x LoA	-5,76083135	0,031	0,314
CHR3	21271395	CHR3:21271395	SSF x LoA	-7,22484538	0,010	0,313
CHR3	21310410	CHR3:21310410	SSF x LoA	-9,88406123	0,015	0,305
CHR3	2132204	CHR3:2132204	SSF x LoA	-7,81523383	-0,032	0,308
CHR3	21375820	CHR3:21375820	SSF x LoA	-9,88667569	0,050	0,308
CHR3	2142954	CHR3:2142954	SSF x LoA	-9,08585676	0,092	0,294
CHR3	21429597	CHR3:21429597	SSF x LoA	-7,34267257	0,087	0,316

CHR3	214731	CHR3:214731	SSF x LoA	-8,51508921	-0,057	0,324
CHR3	2147766	CHR3:2147766	SSF x LoA	-7,31960996	-0,130	0,296
CHR3	2147951	CHR3:2147951	SSF x LoA	-8,40226303	-0,085	0,298
CHR3	21501211	CHR3:21501211	SSF x LoA	-9,44099067	-0,008	0,310
CHR3	21501271	CHR3:21501271	SSF x LoA	-11,280806	-0,010	0,306
CHR3	21510062	CHR3:21510062	SSF x LoA	-11,3004405	0,017	0,304
CHR3	21510105	CHR3:21510105	SSF x LoA	-12,1815258	0,027	0,300
CHR3	21538701	CHR3:21538701	SSF x LoA	-10,5954834	0,044	0,308
CHR3	21541480	CHR3:21541480	SSF x LoA	-10,9580142	0,022	0,324
CHR3	21541504	CHR3:21541504	SSF x LoA	-10,6716308	0,027	0,304
CHR3	2154434	CHR3:2154434	SSF x LoA	-8,69499083	0,126	0,304
CHR3	2159869	CHR3:2159869	SSF x LoA	-10,3406284	0,078	0,304
CHR3	2159890	CHR3:2159890	SSF x LoA	-9,90878303	0,059	0,314
CHR3	21607471	CHR3:21607471	SSF x LoA	-9,64708671	0,022	0,311
CHR3	21607543	CHR3:21607543	SSF x LoA	-11,0556625	0,015	0,313
CHR3	21622915	CHR3:21622915	SSF x LoA	-10,7093931	-0,068	0,307
CHR3	21629165	CHR3:21629165	SSF x LoA	-7,9384554	-0,059	0,307
CHR3	21629236	CHR3:21629236	SSF x LoA	-8,93025579	-0,021	0,319
CHR3	2165515	CHR3:2165515	SSF x LoA	-1,82962056	0,155	0,299
CHR3	2165557	CHR3:2165557	SSF x LoA	-10,6253883	0,096	0,302
CHR3	2165564	CHR3:2165564	SSF x LoA	-11,173604	0,092	0,303
CHR3	2165567	CHR3:2165567	SSF x LoA	-7,77331617	0,127	0,290
CHR3	2165596	CHR3:2165596	SSF x LoA	-9,80390439	0,043	0,309
CHR3	2165661	CHR3:2165661	SSF x LoA	-11,0438275	-0,048	0,310
CHR3	2165666	CHR3:2165666	SSF x LoA	-11,7770896	-0,026	0,320
CHR3	21659534	CHR3:21659534	SSF x LoA	-6,68985759	0,083	0,294
CHR3	21659608	CHR3:21659608	SSF x LoA	-10,384223	-0,048	0,310
CHR3	21659627	CHR3:21659627	SSF x LoA	-11,4131222	-0,056	0,309
CHR3	21659630	CHR3:21659630	SSF x LoA	-11,1220431	-0,031	0,301
CHR3	21659674	CHR3:21659674	SSF x LoA	-10,5527573	-0,060	0,319
CHR3	21659677	CHR3:21659677	SSF x LoA	-6,03954412	-0,031	0,312
CHR3	21659679	CHR3:21659679	SSF x LoA	-9,52289456	-0,055	0,310
CHR3	21659715	CHR3:21659715	SSF x LoA	-9,85300127	-0,018	0,321
CHR3	21659720	CHR3:21659720	SSF x LoA	-7,85153497	0,106	0,298
CHR3	21662351	CHR3:21662351	SSF x LoA	-6,36657512	0,134	0,311
CHR3	2167251	CHR3:2167251	SSF x LoA	-11,1749138	0,025	0,307
CHR3	2167256	CHR3:2167256	SSF x LoA	-6,78075589	-0,143	0,308
CHR3	2167373	CHR3:2167373	SSF x LoA	-11,0693278	-0,034	0,315
CHR3	2167441	CHR3:2167441	SSF x LoA	-8,57785749	0,042	0,310
CHR3	2167453	CHR3:2167453	SSF x LoA	-8,28256068	0,089	0,320
CHR3	21712706	CHR3:21712706	SSF x LoA	-8,97553284	0,003	0,320
CHR3	21763098	CHR3:21763098	SSF x LoA	-10,1520466	0,016	0,294
CHR3	21768041	CHR3:21768041	SSF x LoA	-1,53984187	0,064	0,303
CHR3	21768113	CHR3:21768113	SSF x LoA	-6,65935598	0,133	0,318
CHR3	21768131	CHR3:21768131	SSF x LoA	-7,75342334	0,110	0,316
CHR3	21768169	CHR3:21768169	SSF x LoA	-8,54734689	0,084	0,302
CHR3	2180092	CHR3:2180092	SSF x LoA	-11,4546561	0,059	0,311
CHR3	2180108	CHR3:2180108	SSF x LoA	-9,59952076	0,081	0,299
CHR3	2180338	CHR3:2180338	SSF x LoA	-7,59242948	-0,027	0,318
CHR3	2181797	CHR3:2181797	SSF x LoA	-7,61329877	-0,019	0,320
CHR3	2183037	CHR3:2183037	SSF x LoA	-6,89962221	-0,098	0,292
CHR3	2183068	CHR3:2183068	SSF x LoA	-7,59729106	-0,006	0,323
CHR3	2183102	CHR3:2183102	SSF x LoA	-7,2492712	-0,070	0,301

CHR3	2183119	CHR3:2183119	SSF x LoA	-10,7438935	0,025	0,307
CHR3	2185788	CHR3:2185788	SSF x LoA	-10,0218649	0,079	0,307
CHR3	2185791	CHR3:2185791	SSF x LoA	-10,7688303	0,008	0,314
CHR3	2185838	CHR3:2185838	SSF x LoA	-9,46469127	0,119	0,297
CHR3	2185903	CHR3:2185903	SSF x LoA	-8,99045729	-0,003	0,297
CHR3	21863893	CHR3:21863893	SSF x LoA	-7,14956345	-0,143	0,307
CHR3	21869445	CHR3:21869445	SSF x LoA	-9,54066206	-0,086	0,295
CHR3	21892279	CHR3:21892279	SSF x LoA	-10,8162023	0,042	0,305
CHR3	21892428	CHR3:21892428	SSF x LoA	-9,4724576	-0,010	0,306
CHR3	21902354	CHR3:21902354	SSF x LoA	-9,22552611	-0,083	0,320
CHR3	21909189	CHR3:21909189	SSF x LoA	-10,3131469	-0,070	0,313
CHR3	21911948	CHR3:21911948	SSF x LoA	-2,69832944	0,166	0,301
CHR3	21923312	CHR3:21923312	SSF x LoA	-8,06541977	0,029	0,313
CHR3	21932316	CHR3:21932316	SSF x LoA	-9,43311905	0,027	0,299
CHR3	21932340	CHR3:21932340	SSF x LoA	-11,4519463	-0,035	0,310
CHR3	21932483	CHR3:21932483	SSF x LoA	-8,59091937	-0,104	0,299
CHR3	21939562	CHR3:21939562	SSF x LoA	-10,9270652	-0,020	0,293
CHR3	21939631	CHR3:21939631	SSF x LoA	-0,50742661	-0,170	0,297
CHR3	21939694	CHR3:21939694	SSF x LoA	-7,61974629	-0,182	0,294
CHR3	21943398	CHR3:21943398	SSF x LoA	-11,4643296	-0,043	0,299
CHR3	21943476	CHR3:21943476	SSF x LoA	-8,81912186	0,116	0,298
CHR3	2194585	CHR3:2194585	SSF x LoA	-8,11213317	0,082	0,318
CHR3	2194652	CHR3:2194652	SSF x LoA	-4,82871408	0,026	0,305
CHR3	21949341	CHR3:21949341	SSF x LoA	-8,58454254	-0,077	0,316
CHR3	21949454	CHR3:21949454	SSF x LoA	-9,82986842	-0,072	0,303
CHR3	21949561	CHR3:21949561	SSF x LoA	0,16447656	0,046	0,308
CHR3	21956614	CHR3:21956614	SSF x LoA	-4,61048839	0,003	0,318
CHR3	21956618	CHR3:21956618	SSF x LoA	-9,13417213	0,001	0,306
CHR3	21956641	CHR3:21956641	SSF x LoA	-6,63877231	-0,007	0,315
CHR3	21956678	CHR3:21956678	SSF x LoA	-10,4166146	0,058	0,308
CHR3	21956680	CHR3:21956680	SSF x LoA	-9,51064301	0,008	0,304
CHR3	21956815	CHR3:21956815	SSF x LoA	-8,44471754	-0,012	0,319
CHR3	21958185	CHR3:21958185	SSF x LoA	-9,63144511	-0,006	0,303
CHR3	21958222	CHR3:21958222	SSF x LoA	-10,6584866	-0,041	0,303
CHR3	21958230	CHR3:21958230	SSF x LoA	-10,050723	-0,053	0,293
CHR3	21958253	CHR3:21958253	SSF x LoA	-10,2109234	-0,045	0,297
CHR3	21958270	CHR3:21958270	SSF x LoA	-9,27102458	-0,052	0,314
CHR3	21980535	CHR3:21980535	SSF x LoA	-7,71752641	0,010	0,306
CHR3	21980624	CHR3:21980624	SSF x LoA	-6,72825825	0,040	0,314
CHR3	21980673	CHR3:21980673	SSF x LoA	-10,5612998	0,010	0,289
CHR3	21980687	CHR3:21980687	SSF x LoA	-8,46211259	0,029	0,316
CHR3	22001863	CHR3:22001863	SSF x LoA	-6,76428473	-0,178	0,291
CHR3	2201902	CHR3:2201902	SSF x LoA	-10,9156423	-0,052	0,303
CHR3	2201909	CHR3:2201909	SSF x LoA	-10,8947556	0,076	0,305
CHR3	2202060	CHR3:2202060	SSF x LoA	-11,0075214	-0,013	0,310
CHR3	2202063	CHR3:2202063	SSF x LoA	-9,55232853	-0,096	0,298
CHR3	22028972	CHR3:22028972	SSF x LoA	-4,99114526	0,112	0,290
CHR3	22029001	CHR3:22029001	SSF x LoA	-9,017931	0,146	0,287
CHR3	22032331	CHR3:22032331	SSF x LoA	-9,84068093	0,054	0,290
CHR3	22041827	CHR3:22041827	SSF x LoA	-9,85070806	-0,007	0,319
CHR3	22041860	CHR3:22041860	SSF x LoA	-8,0526833	0,078	0,308
CHR3	22041942	CHR3:22041942	SSF x LoA	-7,28902736	0,004	0,296
CHR3	22042289	CHR3:22042289	SSF x LoA	-10,0654071	-0,024	0,298

CHR3	22042292	CHR3:22042292	SSF x LoA	-10,7525968	-0,058	0,311
CHR3	2204534	CHR3:2204534	SSF x LoA	-9,46042537	0,079	0,303
CHR3	2204542	CHR3:2204542	SSF x LoA	-7,68985147	0,050	0,310
CHR3	2207574	CHR3:2207574	SSF x LoA	-10,3634046	0,011	0,301
CHR3	22078004	CHR3:22078004	SSF x LoA	-6,46599615	-0,179	0,296
CHR3	22078044	CHR3:22078044	SSF x LoA	-7,82711425	-0,167	0,292
CHR3	22078081	CHR3:22078081	SSF x LoA	-5,98175147	-0,182	0,315
CHR3	22078099	CHR3:22078099	SSF x LoA	-6,5093941	-0,151	0,298
CHR3	22078102	CHR3:22078102	SSF x LoA	-6,82836727	-0,167	0,306
CHR3	2208045	CHR3:2208045	SSF x LoA	-8,87331571	0,004	0,306
CHR3	2208074	CHR3:2208074	SSF x LoA	-9,48672623	-0,043	0,306
CHR3	2208077	CHR3:2208077	SSF x LoA	-7,11353078	-0,066	0,311
CHR3	22084102	CHR3:22084102	SSF x LoA	-10,1562705	-0,090	0,308
CHR3	22084114	CHR3:22084114	SSF x LoA	-7,39366847	0,068	0,302
CHR3	22084280	CHR3:22084280	SSF x LoA	-9,77228424	0,039	0,313
CHR3	22098736	CHR3:22098736	SSF x LoA	-11,0061855	0,052	0,313
CHR3	22098756	CHR3:22098756	SSF x LoA	-6,19831801	-0,108	0,294
CHR3	22098826	CHR3:22098826	SSF x LoA	-6,92738859	-0,071	0,314
CHR3	22104414	CHR3:22104414	SSF x LoA	-10,1346289	-0,007	0,300
CHR3	22104428	CHR3:22104428	SSF x LoA	-10,0466923	-0,028	0,308
CHR3	22104510	CHR3:22104510	SSF x LoA	-10,1966298	0,058	0,300
CHR3	22104599	CHR3:22104599	SSF x LoA	-8,24777018	0,062	0,317
CHR3	22110247	CHR3:22110247	SSF x LoA	-9,39612866	-0,029	0,302
CHR3	22110278	CHR3:22110278	SSF x LoA	-6,37566842	0,095	0,304
CHR3	22111975	CHR3:22111975	SSF x LoA	-10,8721802	-0,055	0,315
CHR3	22112014	CHR3:22112014	SSF x LoA	-11,4259627	-0,083	0,300
CHR3	22151953	CHR3:22151953	SSF x LoA	-8,85604565	0,003	0,312
CHR3	22152017	CHR3:22152017	SSF x LoA	-10,3482721	0,020	0,306
CHR3	22152052	CHR3:22152052	SSF x LoA	-10,8934709	0,054	0,315
CHR3	22152060	CHR3:22152060	SSF x LoA	-8,7946663	0,043	0,307
CHR3	22152191	CHR3:22152191	SSF x LoA	-10,8027337	-0,080	0,307
CHR3	2215244	CHR3:2215244	SSF x LoA	-9,50203751	-0,068	0,299
CHR3	2215374	CHR3:2215374	SSF x LoA	-7,24994403	0,124	0,303
CHR3	2215451	CHR3:2215451	SSF x LoA	-9,88211461	0,056	0,295
CHR3	2215454	CHR3:2215454	SSF x LoA	-7,57420083	0,165	0,313
CHR3	22164420	CHR3:22164420	SSF x LoA	-8,12345748	0,180	0,305
CHR3	22165867	CHR3:22165867	SSF x LoA	-11,0096059	0,133	0,297
CHR3	22165905	CHR3:22165905	SSF x LoA	-7,79405314	-0,020	0,303
CHR3	22172119	CHR3:22172119	SSF x LoA	-9,84632714	-0,023	0,301
CHR3	22191015	CHR3:22191015	SSF x LoA	-8,27841214	-0,083	0,314
CHR3	22191050	CHR3:22191050	SSF x LoA	-10,1797893	-0,127	0,285
CHR3	22193047	CHR3:22193047	SSF x LoA	-7,86923926	0,056	0,299
CHR3	22193050	CHR3:22193050	SSF x LoA	-7,3773333	0,036	0,300
CHR3	22195470	CHR3:22195470	SSF x LoA	-10,2087453	-0,044	0,308
CHR3	22200713	CHR3:22200713	SSF x LoA	-7,9058604	0,102	0,295
CHR3	22200752	CHR3:22200752	SSF x LoA	-8,17758663	0,125	0,287
CHR3	22214422	CHR3:22214422	SSF x LoA	-8,12003923	-0,112	0,299
CHR3	22214431	CHR3:22214431	SSF x LoA	-7,98584882	-0,112	0,309
CHR3	22214599	CHR3:22214599	SSF x LoA	-8,19924759	0,154	0,309
CHR3	22214626	CHR3:22214626	SSF x LoA	-9,00891587	0,012	0,311
CHR3	22232521	CHR3:22232521	SSF x LoA	-8,73437093	0,084	0,302
CHR3	22232522	CHR3:22232522	SSF x LoA	-7,07406579	0,097	0,313
CHR3	22232564	CHR3:22232564	SSF x LoA	-8,78883772	0,064	0,300

CHR3	22232596	CHR3:22232596	SSF x LoA	-8,66523658	-0,098	0,303
CHR3	22232635	CHR3:22232635	SSF x LoA	-9,61221242	-0,045	0,311
CHR3	22232639	CHR3:22232639	SSF x LoA	-9,26258527	-0,072	0,317
CHR3	22233828	CHR3:22233828	SSF x LoA	-8,99827143	-0,102	0,292
CHR3	22233835	CHR3:22233835	SSF x LoA	-8,47756218	-0,093	0,299
CHR3	22240390	CHR3:22240390	SSF x LoA	-9,0103323	-0,079	0,305
CHR3	22240426	CHR3:22240426	SSF x LoA	-8,28420721	-0,090	0,308
CHR3	22240427	CHR3:22240427	SSF x LoA	-8,1644513	-0,065	0,318
CHR3	22240434	CHR3:22240434	SSF x LoA	-7,08522279	0,012	0,318
CHR3	22240489	CHR3:22240489	SSF x LoA	-8,4079905	-0,081	0,326
CHR3	22240527	CHR3:22240527	SSF x LoA	-10,2386568	-0,109	0,301
CHR3	22240539	CHR3:22240539	SSF x LoA	-7,95465007	0,190	0,302
CHR3	22240580	CHR3:22240580	SSF x LoA	-8,43737342	0,053	0,317
CHR3	22240581	CHR3:22240581	SSF x LoA	-9,25430698	0,029	0,321
CHR3	22250499	CHR3:22250499	SSF x LoA	-9,97759764	0,029	0,309
CHR3	22250728	CHR3:22250728	SSF x LoA	-10,3602685	0,036	0,310
CHR3	22253648	CHR3:22253648	SSF x LoA	-8,40532438	-0,054	0,286
CHR3	22253832	CHR3:22253832	SSF x LoA	-7,2603458	0,053	0,307
CHR3	22253885	CHR3:22253885	SSF x LoA	-11,1467061	-0,029	0,304
CHR3	22258601	CHR3:22258601	SSF x LoA	-10,7504458	-0,110	0,301
CHR3	22258632	CHR3:22258632	SSF x LoA	-11,2562762	0,015	0,309
CHR3	22258652	CHR3:22258652	SSF x LoA	-9,77719615	-0,052	0,326
CHR3	22262867	CHR3:22262867	SSF x LoA	-7,61204137	-0,029	0,315
CHR3	22270511	CHR3:22270511	SSF x LoA	-9,65657634	0,020	0,306
CHR3	22279481	CHR3:22279481	SSF x LoA	-10,2011637	-0,014	0,303
CHR3	22279572	CHR3:22279572	SSF x LoA	-11,1208636	-0,031	0,314
CHR3	22279651	CHR3:22279651	SSF x LoA	-8,87525055	0,096	0,305
CHR3	22279662	CHR3:22279662	SSF x LoA	-10,9894744	-0,012	0,300
CHR3	22284597	CHR3:22284597	SSF x LoA	-10,7605095	0,089	0,307
CHR3	22289483	CHR3:22289483	SSF x LoA	-12,1872362	-0,027	0,298
CHR3	22289556	CHR3:22289556	SSF x LoA	-9,10571797	0,030	0,293
CHR3	22289559	CHR3:22289559	SSF x LoA	-10,69892	-0,010	0,315
CHR3	22302150	CHR3:22302150	SSF x LoA	-9,36483178	-0,051	0,302
CHR3	22302155	CHR3:22302155	SSF x LoA	-8,99281729	-0,040	0,311
CHR3	22302167	CHR3:22302167	SSF x LoA	-8,24716445	-0,120	0,307
CHR3	22302184	CHR3:22302184	SSF x LoA	-8,98304929	0,061	0,309
CHR3	22302185	CHR3:22302185	SSF x LoA	-9,58019932	0,059	0,308
CHR3	22302219	CHR3:22302219	SSF x LoA	-10,5015834	0,087	0,305
CHR3	22324110	CHR3:22324110	SSF x LoA	-8,16014224	-0,074	0,311
CHR3	22324244	CHR3:22324244	SSF x LoA	-6,85611345	-0,108	0,307
CHR3	22327020	CHR3:22327020	SSF x LoA	-7,61380344	0,017	0,306
CHR3	22327038	CHR3:22327038	SSF x LoA	-8,95666974	0,098	0,300
CHR3	22327083	CHR3:22327083	SSF x LoA	-8,23932457	-0,128	0,297
CHR3	22327093	CHR3:22327093	SSF x LoA	-10,0068305	-0,017	0,295
CHR3	22327111	CHR3:22327111	SSF x LoA	-10,1997913	0,104	0,307
CHR3	22327113	CHR3:22327113	SSF x LoA	-11,0515295	0,059	0,309
CHR3	22327134	CHR3:22327134	SSF x LoA	-8,38234385	-0,067	0,314
CHR3	22327196	CHR3:22327196	SSF x LoA	-9,88874657	-0,032	0,302
CHR3	22327255	CHR3:22327255	SSF x LoA	-11,6235278	0,025	0,304
CHR3	22333587	CHR3:22333587	SSF x LoA	-10,948411	0,072	0,317
CHR3	22335574	CHR3:22335574	SSF x LoA	-10,8302139	-0,001	0,316
CHR3	22337429	CHR3:22337429	SSF x LoA	-11,6759881	-0,062	0,302
CHR3	22339653	CHR3:22339653	SSF x LoA	-11,6181099	0,101	0,303

CHR3	22339684	CHR3:22339684	SSF x LoA	-9,85791603	-0,078	0,323
CHR3	22342455	CHR3:22342455	SSF x LoA	-5,95528723	-0,171	0,294
CHR3	22342527	CHR3:22342527	SSF x LoA	-6,9990096	0,151	0,294
CHR3	22343503	CHR3:22343503	SSF x LoA	-8,11819602	-0,054	0,315
CHR3	22343702	CHR3:22343702	SSF x LoA	-9,6312841	0,128	0,310
CHR3	22343751	CHR3:22343751	SSF x LoA	-7,5423285	-0,043	0,307
CHR3	22364426	CHR3:22364426	SSF x LoA	-10,5607232	0,132	0,300
CHR3	22385067	CHR3:22385067	SSF x LoA	-8,26450602	-0,061	0,293
CHR3	22385147	CHR3:22385147	SSF x LoA	-10,7194397	0,004	0,311
CHR3	22385161	CHR3:22385161	SSF x LoA	-9,08023963	0,060	0,324
CHR3	22388801	CHR3:22388801	SSF x LoA	-8,93922713	0,002	0,296
CHR3	22389294	CHR3:22389294	SSF x LoA	-9,66083319	-0,036	0,273
CHR3	22389314	CHR3:22389314	SSF x LoA	-8,35517828	0,115	0,302
CHR3	22389383	CHR3:22389383	SSF x LoA	-9,1869761	-0,022	0,320
CHR3	22389392	CHR3:22389392	SSF x LoA	-11,1034821	0,006	0,320
CHR3	22399086	CHR3:22399086	SSF x LoA	-9,47873617	-0,035	0,307
CHR3	22399286	CHR3:22399286	SSF x LoA	-9,23500834	-0,085	0,302
CHR3	22404192	CHR3:22404192	SSF x LoA	-7,24474394	-0,009	0,303
CHR3	22404257	CHR3:22404257	SSF x LoA	-9,84002106	-0,039	0,312
CHR3	22406951	CHR3:22406951	SSF x LoA	-4,95145038	-0,027	0,314
CHR3	22407266	CHR3:22407266	SSF x LoA	-12,1578442	-0,022	0,311
CHR3	22407331	CHR3:22407331	SSF x LoA	-5,9233028	-0,019	0,308
CHR3	22407345	CHR3:22407345	SSF x LoA	-7,8125974	-0,009	0,297
CHR3	22407382	CHR3:22407382	SSF x LoA	-9,13365541	-0,004	0,302
CHR3	22412121	CHR3:22412121	SSF x LoA	-9,14855059	0,015	0,307
CHR3	22412136	CHR3:22412136	SSF x LoA	-8,31897758	0,069	0,308
CHR3	22412145	CHR3:22412145	SSF x LoA	-9,91108407	-0,061	0,302
CHR3	22412146	CHR3:22412146	SSF x LoA	-7,37789655	0,003	0,308
CHR3	22412175	CHR3:22412175	SSF x LoA	-10,4245306	-0,041	0,306
CHR3	22412177	CHR3:22412177	SSF x LoA	-8,87313757	0,002	0,297
CHR3	22412273	CHR3:22412273	SSF x LoA	-7,95782453	0,136	0,293
CHR3	224191	CHR3:224191	SSF x LoA	-10,9466218	-0,030	0,303
CHR3	224196	CHR3:224196	SSF x LoA	-7,49441565	0,081	0,314
CHR3	22420268	CHR3:22420268	SSF x LoA	-6,02355516	-0,028	0,308
CHR3	22420350	CHR3:22420350	SSF x LoA	-9,37504171	-0,013	0,308
CHR3	22420382	CHR3:22420382	SSF x LoA	-9,36206942	0,016	0,301
CHR3	22420407	CHR3:22420407	SSF x LoA	0,2939438	0,019	0,296
CHR3	22422384	CHR3:22422384	SSF x LoA	-10,19998	-0,008	0,311
CHR3	22422782	CHR3:22422782	SSF x LoA	-8,70383883	-0,083	0,300
CHR3	2242613	CHR3:2242613	SSF x LoA	-6,33538142	0,068	0,305
CHR3	22428397	CHR3:22428397	SSF x LoA	-11,296062	-0,076	0,303
CHR3	22428505	CHR3:22428505	SSF x LoA	-10,7754165	-0,118	0,302
CHR3	22431704	CHR3:22431704	SSF x LoA	-10,5326545	-0,032	0,300
CHR3	22431764	CHR3:22431764	SSF x LoA	-12,0279225	0,043	0,291
CHR3	22431814	CHR3:22431814	SSF x LoA	-8,13052786	-0,029	0,306
CHR3	22435913	CHR3:22435913	SSF x LoA	-7,97350281	0,092	0,301
CHR3	22436122	CHR3:22436122	SSF x LoA	-9,77131819	0,126	0,300
CHR3	22444707	CHR3:22444707	SSF x LoA	-8,97963208	0,092	0,319
CHR3	22444821	CHR3:22444821	SSF x LoA	-8,67243763	-0,062	0,296
CHR3	224488	CHR3:224488	SSF x LoA	-9,34356873	-0,006	0,293
CHR3	22456070	CHR3:22456070	SSF x LoA	-9,86874992	-0,037	0,317
CHR3	22456104	CHR3:22456104	SSF x LoA	-5,92046663	0,083	0,313
CHR3	22456116	CHR3:22456116	SSF x LoA	-6,37832868	-0,102	0,310

CHR3	22456156	CHR3:22456156	SSF x LoA	-7,66749518	-0,072	0,311
CHR3	22456178	CHR3:22456178	SSF x LoA	-9,23599815	-0,059	0,300
CHR3	22457877	CHR3:22457877	SSF x LoA	-9,67106823	0,052	0,317
CHR3	22457935	CHR3:22457935	SSF x LoA	-7,56416884	0,106	0,294
CHR3	22457968	CHR3:22457968	SSF x LoA	-9,10992495	0,024	0,314
CHR3	22462073	CHR3:22462073	SSF x LoA	-9,31672694	0,101	0,315
CHR3	22485343	CHR3:22485343	SSF x LoA	-8,02268405	0,085	0,305
CHR3	22485371	CHR3:22485371	SSF x LoA	-9,63140296	-0,113	0,307
CHR3	22485453	CHR3:22485453	SSF x LoA	-10,0290742	-0,013	0,298
CHR3	22485474	CHR3:22485474	SSF x LoA	-8,1513644	-0,011	0,316
CHR3	22485486	CHR3:22485486	SSF x LoA	-8,3147376	-0,034	0,316
CHR3	22485501	CHR3:22485501	SSF x LoA	-8,18511861	-0,070	0,312
CHR3	22498122	CHR3:22498122	SSF x LoA	-7,759572	-0,135	0,312
CHR3	22516172	CHR3:22516172	SSF x LoA	-8,07803715	0,136	0,305
CHR3	22529006	CHR3:22529006	SSF x LoA	-9,04871617	-0,134	0,303
CHR3	22529035	CHR3:22529035	SSF x LoA	-11,3664249	0,006	0,307
CHR3	22529061	CHR3:22529061	SSF x LoA	-8,47856871	-0,036	0,299
CHR3	22529149	CHR3:22529149	SSF x LoA	-9,24207105	-0,016	0,309
CHR3	22529150	CHR3:22529150	SSF x LoA	-8,16663138	-0,011	0,312
CHR3	22529154	CHR3:22529154	SSF x LoA	-9,85867986	0,014	0,312
CHR3	22537180	CHR3:22537180	SSF x LoA	-8,61268263	0,130	0,293
CHR3	22539453	CHR3:22539453	SSF x LoA	-9,367382	-0,089	0,307
CHR3	22539465	CHR3:22539465	SSF x LoA	-11,6101758	-0,028	0,302
CHR3	22539478	CHR3:22539478	SSF x LoA	-9,97650232	-0,036	0,294
CHR3	22539513	CHR3:22539513	SSF x LoA	-9,73649962	-0,043	0,306
CHR3	22539534	CHR3:22539534	SSF x LoA	-8,50849225	0,053	0,319
CHR3	22539589	CHR3:22539589	SSF x LoA	-7,62487081	-0,110	0,316
CHR3	22539667	CHR3:22539667	SSF x LoA	-10,137192	-0,021	0,309
CHR3	22539682	CHR3:22539682	SSF x LoA	-10,1147301	0,016	0,299
CHR3	22545175	CHR3:22545175	SSF x LoA	-10,9103453	0,038	0,298
CHR3	22545187	CHR3:22545187	SSF x LoA	-8,02172118	0,042	0,311
CHR3	2255619	CHR3:2255619	SSF x LoA	-8,47190339	0,061	0,315
CHR3	22569110	CHR3:22569110	SSF x LoA	-9,41388737	0,048	0,304
CHR3	22569211	CHR3:22569211	SSF x LoA	-9,79204382	-0,082	0,313
CHR3	22569240	CHR3:22569240	SSF x LoA	-11,4854202	-0,071	0,304
CHR3	22569317	CHR3:22569317	SSF x LoA	-2,18887873	0,009	0,312
CHR3	22569320	CHR3:22569320	SSF x LoA	-5,58232318	-0,101	0,313
CHR3	225821	CHR3:225821	SSF x LoA	-7,44329597	-0,038	0,319
CHR3	22593121	CHR3:22593121	SSF x LoA	-8,36423893	-0,130	0,303
CHR3	22593325	CHR3:22593325	SSF x LoA	-8,21510159	0,057	0,318
CHR3	22597358	CHR3:22597358	SSF x LoA	-5,96105062	-0,225	0,290
CHR3	22597373	CHR3:22597373	SSF x LoA	-8,80154994	0,138	0,309
CHR3	22597419	CHR3:22597419	SSF x LoA	-10,5506553	0,073	0,297
CHR3	22597489	CHR3:22597489	SSF x LoA	-10,2945279	0,031	0,307
CHR3	22604852	CHR3:22604852	SSF x LoA	-10,4098459	0,080	0,305
CHR3	22604926	CHR3:22604926	SSF x LoA	-9,50129399	-0,097	0,309
CHR3	22631334	CHR3:22631334	SSF x LoA	-9,98964743	0,076	0,310
CHR3	22631352	CHR3:22631352	SSF x LoA	-10,700832	-0,023	0,308
CHR3	22638995	CHR3:22638995	SSF x LoA	-8,35968846	0,058	0,301
CHR3	22639082	CHR3:22639082	SSF x LoA	-10,6250611	0,108	0,305
CHR3	22641459	CHR3:22641459	SSF x LoA	-8,59966945	0,039	0,324
CHR3	22641622	CHR3:22641622	SSF x LoA	-8,64080585	-0,004	0,306
CHR3	22641625	CHR3:22641625	SSF x LoA	-6,40893158	0,115	0,307

CHR3	22642709	CHR3:22642709	SSF x LoA	-10,0332249	-0,081	0,303
CHR3	22642734	CHR3:22642734	SSF x LoA	2,70210299	-0,159	0,293
CHR3	22642755	CHR3:22642755	SSF x LoA	-8,56639065	0,085	0,308
CHR3	22642775	CHR3:22642775	SSF x LoA	-8,22082382	0,047	0,318
CHR3	22642816	CHR3:22642816	SSF x LoA	-9,36804929	0,047	0,316
CHR3	22642817	CHR3:22642817	SSF x LoA	-7,25686321	0,101	0,305
CHR3	2265045	CHR3:2265045	SSF x LoA	-7,31432549	-0,093	0,292
CHR3	2265046	CHR3:2265046	SSF x LoA	-8,96693956	-0,077	0,318
CHR3	22651813	CHR3:22651813	SSF x LoA	-9,71847686	0,032	0,310
CHR3	22651894	CHR3:22651894	SSF x LoA	-8,95898019	0,025	0,309
CHR3	22651962	CHR3:22651962	SSF x LoA	-9,40694224	-0,027	0,303
CHR3	22652026	CHR3:22652026	SSF x LoA	-8,83085952	-0,063	0,307
CHR3	22662357	CHR3:22662357	SSF x LoA	-8,78319532	0,124	0,301
CHR3	22671430	CHR3:22671430	SSF x LoA	-7,71980322	-0,094	0,312
CHR3	2267325	CHR3:2267325	SSF x LoA	-10,1921463	-0,083	0,292
CHR3	22678811	CHR3:22678811	SSF x LoA	-10,800556	-0,118	0,294
CHR3	22686266	CHR3:22686266	SSF x LoA	-6,3028876	0,144	0,294
CHR3	22686450	CHR3:22686450	SSF x LoA	-8,44020669	-0,125	0,314
CHR3	22688415	CHR3:22688415	SSF x LoA	-8,7781239	-0,042	0,311
CHR3	22688439	CHR3:22688439	SSF x LoA	-8,01905879	-0,026	0,304
CHR3	22692293	CHR3:22692293	SSF x LoA	-7,28867591	-0,083	0,305
CHR3	22697469	CHR3:22697469	SSF x LoA	-7,08468224	-0,166	0,292
CHR3	22697498	CHR3:22697498	SSF x LoA	-8,23070538	-0,045	0,293
CHR3	22701371	CHR3:22701371	SSF x LoA	-10,7422083	-0,065	0,317
CHR3	22701372	CHR3:22701372	SSF x LoA	-10,3166834	-0,009	0,317
CHR3	22701415	CHR3:22701415	SSF x LoA	-9,33462994	-0,059	0,318
CHR3	22741530	CHR3:22741530	SSF x LoA	-9,93955347	-0,004	0,295
CHR3	22742619	CHR3:22742619	SSF x LoA	-8,35395684	0,096	0,307
CHR3	22749143	CHR3:22749143	SSF x LoA	-6,99633441	0,013	0,323
CHR3	22773270	CHR3:22773270	SSF x LoA	-8,77654427	0,056	0,301
CHR3	22773320	CHR3:22773320	SSF x LoA	-8,02679884	0,072	0,284
CHR3	22773461	CHR3:22773461	SSF x LoA	-10,8613909	0,019	0,294
CHR3	22773513	CHR3:22773513	SSF x LoA	-9,29738536	-0,069	0,307
CHR3	22773531	CHR3:22773531	SSF x LoA	-11,3574726	-0,049	0,309
CHR3	22773534	CHR3:22773534	SSF x LoA	-8,61161722	-0,073	0,303
CHR3	22773535	CHR3:22773535	SSF x LoA	-8,71106483	-0,055	0,310
CHR3	22777755	CHR3:22777755	SSF x LoA	-9,5036393	0,015	0,311
CHR3	22777815	CHR3:22777815	SSF x LoA	-4,86545501	0,077	0,305
CHR3	22786667	CHR3:22786667	SSF x LoA	-7,00204856	-0,096	0,298
CHR3	22786736	CHR3:22786736	SSF x LoA	-7,1565657	-0,041	0,301
CHR3	22787709	CHR3:22787709	SSF x LoA	-8,60507811	0,082	0,309
CHR3	22787715	CHR3:22787715	SSF x LoA	-10,566236	-0,008	0,300
CHR3	22787736	CHR3:22787736	SSF x LoA	-11,8078364	0,072	0,300
CHR3	22796146	CHR3:22796146	SSF x LoA	-11,749134	0,093	0,298
CHR3	22796316	CHR3:22796316	SSF x LoA	-11,3500138	0,010	0,311
CHR3	22798267	CHR3:22798267	SSF x LoA	-8,41995956	-0,027	0,307
CHR3	2280931	CHR3:2280931	SSF x LoA	-7,5998152	0,080	0,309
CHR3	2280960	CHR3:2280960	SSF x LoA	-6,31905626	-0,160	0,304
CHR3	2281031	CHR3:2281031	SSF x LoA	-8,61325088	0,005	0,313
CHR3	2281037	CHR3:2281037	SSF x LoA	-8,37526887	0,186	0,304
CHR3	2281090	CHR3:2281090	SSF x LoA	-6,75764147	-0,104	0,308
CHR3	2281111	CHR3:2281111	SSF x LoA	-5,19471222	-0,117	0,306
CHR3	2281150	CHR3:2281150	SSF x LoA	-8,07277596	-0,100	0,311

CHR3	2281162	CHR3:2281162	SSF x LoA	-11,1794755	-0,053	0,304
CHR3	2281200	CHR3:2281200	SSF x LoA	-8,85824309	0,050	0,318
CHR3	22812796	CHR3:22812796	SSF x LoA	-6,81544863	0,048	0,320
CHR3	22818035	CHR3:22818035	SSF x LoA	-8,04890913	-0,031	0,313
CHR3	22818079	CHR3:22818079	SSF x LoA	-12,0554839	-0,003	0,296
CHR3	22818113	CHR3:22818113	SSF x LoA	-9,16934942	-0,099	0,309
CHR3	22819288	CHR3:22819288	SSF x LoA	-12,0521272	-0,076	0,303
CHR3	22819353	CHR3:22819353	SSF x LoA	-10,4969128	-0,072	0,293
CHR3	22825684	CHR3:22825684	SSF x LoA	-9,63880098	-0,035	0,294
CHR3	22825695	CHR3:22825695	SSF x LoA	-9,49152548	0,004	0,302
CHR3	22835773	CHR3:22835773	SSF x LoA	-9,07642263	-0,115	0,306
CHR3	22835915	CHR3:22835915	SSF x LoA	-11,1400703	0,043	0,310
CHR3	22838731	CHR3:22838731	SSF x LoA	-11,2529069	0,061	0,304
CHR3	22853810	CHR3:22853810	SSF x LoA	-11,0818792	-0,039	0,297
CHR3	22853823	CHR3:22853823	SSF x LoA	-8,31772716	-0,064	0,301
CHR3	22853826	CHR3:22853826	SSF x LoA	-6,06474418	-0,003	0,308
CHR3	22853845	CHR3:22853845	SSF x LoA	-5,68708049	0,015	0,326
CHR3	22853853	CHR3:22853853	SSF x LoA	-7,85312534	0,015	0,314
CHR3	22853904	CHR3:22853904	SSF x LoA	-7,53423692	0,015	0,298
CHR3	22853948	CHR3:22853948	SSF x LoA	-7,74349527	0,031	0,309
CHR3	22853967	CHR3:22853967	SSF x LoA	-8,20822451	-0,008	0,304
CHR3	22853984	CHR3:22853984	SSF x LoA	-12,1437183	0,006	0,296
CHR3	22853985	CHR3:22853985	SSF x LoA	-10,7132016	-0,042	0,296
CHR3	22854012	CHR3:22854012	SSF x LoA	-11,5399771	-0,014	0,307
CHR3	22854013	CHR3:22854013	SSF x LoA	-9,3018611	-0,076	0,303
CHR3	22863887	CHR3:22863887	SSF x LoA	-8,1675329	-0,004	0,295
CHR3	22872480	CHR3:22872480	SSF x LoA	-11,4100765	-0,041	0,298
CHR3	22872739	CHR3:22872739	SSF x LoA	-8,05213088	-0,046	0,304
CHR3	2288951	CHR3:2288951	SSF x LoA	-9,45190024	-0,014	0,315
CHR3	2288965	CHR3:2288965	SSF x LoA	-7,74070067	-0,040	0,311
CHR3	2288971	CHR3:2288971	SSF x LoA	-8,78725437	-0,025	0,307
CHR3	2288993	CHR3:2288993	SSF x LoA	-8,73048942	0,037	0,306
CHR3	2288995	CHR3:2288995	SSF x LoA	-6,67810079	0,017	0,307
CHR3	2289060	CHR3:2289060	SSF x LoA	-10,9217782	-0,080	0,278
CHR3	2289068	CHR3:2289068	SSF x LoA	-8,1575679	0,081	0,314
CHR3	2289076	CHR3:2289076	SSF x LoA	-8,83337056	0,044	0,316
CHR3	22900253	CHR3:22900253	SSF x LoA	-9,66538948	-0,115	0,301
CHR3	22900257	CHR3:22900257	SSF x LoA	-11,2967737	-0,005	0,321
CHR3	22900262	CHR3:22900262	SSF x LoA	-3,84143528	-0,201	0,296
CHR3	22900263	CHR3:22900263	SSF x LoA	-5,53277259	-0,182	0,285
CHR3	22900400	CHR3:22900400	SSF x LoA	-9,28805545	0,163	0,302
CHR3	22900424	CHR3:22900424	SSF x LoA	-4,86188512	0,123	0,302
CHR3	22900434	CHR3:22900434	SSF x LoA	-8,17409626	-0,114	0,309
CHR3	22900442	CHR3:22900442	SSF x LoA	-8,8031441	0,106	0,292
CHR3	22900451	CHR3:22900451	SSF x LoA	-7,57763706	-0,125	0,304
CHR3	22900455	CHR3:22900455	SSF x LoA	-8,03821931	-0,133	0,299
CHR3	22900487	CHR3:22900487	SSF x LoA	-8,56384657	-0,129	0,306
CHR3	22900501	CHR3:22900501	SSF x LoA	-9,56677413	-0,061	0,307
CHR3	22900507	CHR3:22900507	SSF x LoA	-11,4468849	0,003	0,304
CHR3	22906593	CHR3:22906593	SSF x LoA	-8,35790705	0,090	0,304
CHR3	22906700	CHR3:22906700	SSF x LoA	-10,4002424	0,024	0,306
CHR3	229139	CHR3:229139	SSF x LoA	-7,37782729	0,038	0,297
CHR3	22916407	CHR3:22916407	SSF x LoA	-8,04330648	0,035	0,317

CHR3	22916448	CHR3:22916448	SSF x LoA	-3,51765007	-0,115	0,301
CHR3	22916501	CHR3:22916501	SSF x LoA	-7,44704559	0,206	0,288
CHR3	22916516	CHR3:22916516	SSF x LoA	-5,08064418	-0,171	0,300
CHR3	22918053	CHR3:22918053	SSF x LoA	-8,83756917	0,101	0,301
CHR3	22921146	CHR3:22921146	SSF x LoA	-9,89672892	0,079	0,308
CHR3	22921148	CHR3:22921148	SSF x LoA	-11,1999171	0,072	0,310
CHR3	22921169	CHR3:22921169	SSF x LoA	-8,48472548	0,119	0,309
CHR3	22921175	CHR3:22921175	SSF x LoA	5,37761807	-0,005	0,326
CHR3	22921178	CHR3:22921178	SSF x LoA	-11,2706028	0,065	0,303
CHR3	22921181	CHR3:22921181	SSF x LoA	-10,7921118	0,037	0,300
CHR3	22921190	CHR3:22921190	SSF x LoA	-5,83363168	0,123	0,308
CHR3	22921199	CHR3:22921199	SSF x LoA	-9,44927854	0,077	0,310
CHR3	22921245	CHR3:22921245	SSF x LoA	-8,70887995	0,003	0,306
CHR3	22921247	CHR3:22921247	SSF x LoA	-11,0039083	-0,086	0,290
CHR3	22921300	CHR3:22921300	SSF x LoA	-10,7274606	0,019	0,295
CHR3	22921325	CHR3:22921325	SSF x LoA	-7,90226681	-0,003	0,307
CHR3	22921336	CHR3:22921336	SSF x LoA	-9,45068631	-0,027	0,313
CHR3	22935534	CHR3:22935534	SSF x LoA	-11,5733635	-0,058	0,300
CHR3	2293858	CHR3:2293858	SSF x LoA	-8,58240425	0,090	0,294
CHR3	2294018	CHR3:2294018	SSF x LoA	-12,33624	0,002	0,309
CHR3	2294021	CHR3:2294021	SSF x LoA	-12,1757626	-0,016	0,314
CHR3	2294031	CHR3:2294031	SSF x LoA	-10,3070763	-0,056	0,304
CHR3	2294070	CHR3:2294070	SSF x LoA	-8,5475471	0,038	0,318
CHR3	2294074	CHR3:2294074	SSF x LoA	-10,3365708	-0,063	0,314
CHR3	2294113	CHR3:2294113	SSF x LoA	-9,16724687	0,108	0,305
CHR3	22949822	CHR3:22949822	SSF x LoA	-9,54572355	0,031	0,303
CHR3	22949908	CHR3:22949908	SSF x LoA	-6,32681163	-0,176	0,298
CHR3	22949938	CHR3:22949938	SSF x LoA	-9,00260221	0,001	0,304
CHR3	22949954	CHR3:22949954	SSF x LoA	-7,26621638	0,085	0,301
CHR3	22954228	CHR3:22954228	SSF x LoA	-7,07190974	0,083	0,310
CHR3	22954333	CHR3:22954333	SSF x LoA	-7,87121205	-0,108	0,313
CHR3	22957479	CHR3:22957479	SSF x LoA	-11,9406167	0,051	0,301
CHR3	22957545	CHR3:22957545	SSF x LoA	-10,009742	-0,043	0,314
CHR3	22957569	CHR3:22957569	SSF x LoA	-8,64434486	0,083	0,295
CHR3	22957609	CHR3:22957609	SSF x LoA	-10,6637539	0,027	0,299
CHR3	22957643	CHR3:22957643	SSF x LoA	-6,81041678	0,091	0,317
CHR3	22961484	CHR3:22961484	SSF x LoA	-8,84562826	-0,066	0,312
CHR3	22962277	CHR3:22962277	SSF x LoA	-10,5301906	-0,039	0,303
CHR3	22962291	CHR3:22962291	SSF x LoA	-7,6226794	0,131	0,313
CHR3	22962310	CHR3:22962310	SSF x LoA	-10,0098951	0,008	0,305
CHR3	22962316	CHR3:22962316	SSF x LoA	-9,93501154	-0,025	0,305
CHR3	22962319	CHR3:22962319	SSF x LoA	-9,10434745	0,095	0,298
CHR3	22966634	CHR3:22966634	SSF x LoA	-11,1311581	-0,050	0,302
CHR3	22966650	CHR3:22966650	SSF x LoA	-10,6851835	-0,049	0,303
CHR3	22966654	CHR3:22966654	SSF x LoA	-9,3852759	-0,081	0,303
CHR3	22966686	CHR3:22966686	SSF x LoA	-9,67809173	-0,064	0,298
CHR3	22980093	CHR3:22980093	SSF x LoA	-9,77086486	0,008	0,301
CHR3	22981755	CHR3:22981755	SSF x LoA	-11,189137	0,093	0,302
CHR3	22981836	CHR3:22981836	SSF x LoA	-10,1735894	-0,014	0,306
CHR3	22981930	CHR3:22981930	SSF x LoA	-12,0333185	0,024	0,303
CHR3	22987772	CHR3:22987772	SSF x LoA	-8,254357	0,051	0,317
CHR3	22989174	CHR3:22989174	SSF x LoA	-8,18929341	-0,067	0,313
CHR3	22989206	CHR3:22989206	SSF x LoA	-9,79819662	0,052	0,305

CHR3	22989278	CHR3:22989278	SSF x LoA	-8,68515153	0,026	0,310
CHR3	23002159	CHR3:23002159	SSF x LoA	-7,24015485	-0,030	0,320
CHR3	23006002	CHR3:23006002	SSF x LoA	-10,3352688	0,044	0,308
CHR3	23006022	CHR3:23006022	SSF x LoA	-10,0690791	0,031	0,299
CHR3	23006026	CHR3:23006026	SSF x LoA	-10,0012217	-0,069	0,311
CHR3	23006139	CHR3:23006139	SSF x LoA	-9,16605302	0,030	0,321
CHR3	23006146	CHR3:23006146	SSF x LoA	-9,8369576	-0,055	0,300
CHR3	23006180	CHR3:23006180	SSF x LoA	-11,1508845	-0,069	0,288
CHR3	23007895	CHR3:23007895	SSF x LoA	-9,13173879	-0,049	0,322
CHR3	23007948	CHR3:23007948	SSF x LoA	-10,3754659	-0,049	0,308
CHR3	23009777	CHR3:23009777	SSF x LoA	-9,61898118	-0,088	0,302
CHR3	23015002	CHR3:23015002	SSF x LoA	-10,2427342	-0,065	0,311
CHR3	23015059	CHR3:23015059	SSF x LoA	-9,42082598	0,088	0,319
CHR3	23015090	CHR3:23015090	SSF x LoA	1,75467017	0,018	0,321
CHR3	23015099	CHR3:23015099	SSF x LoA	-7,31639719	0,028	0,315
CHR3	23015100	CHR3:23015100	SSF x LoA	-9,93702615	-0,046	0,300
CHR3	23015131	CHR3:23015131	SSF x LoA	-9,79174441	-0,046	0,299
CHR3	23015177	CHR3:23015177	SSF x LoA	-7,86820943	-0,002	0,303
CHR3	23015204	CHR3:23015204	SSF x LoA	-11,4771785	0,022	0,321
CHR3	23016429	CHR3:23016429	SSF x LoA	-8,2616125	-0,071	0,316
CHR3	2301823	CHR3:2301823	SSF x LoA	-10,273687	0,041	0,309
CHR3	23023382	CHR3:23023382	SSF x LoA	-7,7757977	0,147	0,299
CHR3	23023396	CHR3:23023396	SSF x LoA	-5,50013193	0,157	0,310
CHR3	23023406	CHR3:23023406	SSF x LoA	0,37644511	0,214	0,305
CHR3	23023448	CHR3:23023448	SSF x LoA	-3,48477115	0,102	0,302
CHR3	23023464	CHR3:23023464	SSF x LoA	-8,20661459	0,098	0,308
CHR3	23023565	CHR3:23023565	SSF x LoA	-4,03183346	0,017	0,314
CHR3	23023577	CHR3:23023577	SSF x LoA	-6,17622987	0,195	0,291
CHR3	23023586	CHR3:23023586	SSF x LoA	-11,1914557	-0,008	0,298
CHR3	23044302	CHR3:23044302	SSF x LoA	-7,37006201	0,040	0,305
CHR3	23044322	CHR3:23044322	SSF x LoA	-6,9064007	-0,103	0,315
CHR3	23044358	CHR3:23044358	SSF x LoA	-10,2432387	0,055	0,308
CHR3	23044397	CHR3:23044397	SSF x LoA	-8,67219027	0,070	0,314
CHR3	23051392	CHR3:23051392	SSF x LoA	-8,82529862	0,059	0,295
CHR3	23051397	CHR3:23051397	SSF x LoA	-9,13333093	-0,030	0,303
CHR3	23051431	CHR3:23051431	SSF x LoA	-8,16205205	-0,067	0,321
CHR3	23051457	CHR3:23051457	SSF x LoA	-8,10960313	0,017	0,312
CHR3	23051480	CHR3:23051480	SSF x LoA	-6,85275698	0,056	0,315
CHR3	23051566	CHR3:23051566	SSF x LoA	-7,67462013	0,091	0,298
CHR3	23051611	CHR3:23051611	SSF x LoA	-9,63468206	-0,003	0,299
CHR3	23062249	CHR3:23062249	SSF x LoA	-7,59600349	-0,011	0,306
CHR3	23062271	CHR3:23062271	SSF x LoA	-7,62917239	-0,030	0,308
CHR3	2306262	CHR3:2306262	SSF x LoA	-9,21573614	-0,026	0,300
CHR3	2306286	CHR3:2306286	SSF x LoA	-3,91662978	0,106	0,304
CHR3	2306289	CHR3:2306289	SSF x LoA	-9,07593994	0,106	0,307
CHR3	2306357	CHR3:2306357	SSF x LoA	-11,9479333	0,047	0,307
CHR3	2306432	CHR3:2306432	SSF x LoA	-11,7433811	-0,001	0,306
CHR3	23065674	CHR3:23065674	SSF x LoA	-8,93102169	0,014	0,305
CHR3	23065965	CHR3:23065965	SSF x LoA	-9,49986517	-0,018	0,300
CHR3	23065993	CHR3:23065993	SSF x LoA	-11,7312413	-0,071	0,307
CHR3	23066015	CHR3:23066015	SSF x LoA	-9,42588597	0,074	0,299
CHR3	23066047	CHR3:23066047	SSF x LoA	-8,70665251	0,102	0,314
CHR3	23067122	CHR3:23067122	SSF x LoA	-10,4690682	0,043	0,295

CHR3	23067132	CHR3:23067132	SSF x LoA	-6,33552872	-0,050	0,303
CHR3	23067151	CHR3:23067151	SSF x LoA	-9,64007321	0,034	0,317
CHR3	23071839	CHR3:23071839	SSF x LoA	-9,78192619	0,027	0,311
CHR3	23071840	CHR3:23071840	SSF x LoA	-9,24634454	0,044	0,317
CHR3	23086934	CHR3:23086934	SSF x LoA	-6,87830072	0,019	0,308
CHR3	23086944	CHR3:23086944	SSF x LoA	-9,41405649	0,049	0,302
CHR3	23089106	CHR3:23089106	SSF x LoA	-10,4673175	0,004	0,313
CHR3	23089115	CHR3:23089115	SSF x LoA	-7,56379662	0,000	0,315
CHR3	23092297	CHR3:23092297	SSF x LoA	-9,44962436	-0,018	0,316
CHR3	23092446	CHR3:23092446	SSF x LoA	-7,57784583	0,055	0,312
CHR3	23092552	CHR3:23092552	SSF x LoA	-9,0631082	0,004	0,310
CHR3	23095711	CHR3:23095711	SSF x LoA	-6,69695331	-0,074	0,321
CHR3	23095833	CHR3:23095833	SSF x LoA	-10,3213913	-0,025	0,318
CHR3	23112405	CHR3:23112405	SSF x LoA	-6,85971767	0,149	0,300
CHR3	23112406	CHR3:23112406	SSF x LoA	-3,5379693	0,155	0,289
CHR3	23112593	CHR3:23112593	SSF x LoA	-9,11619362	0,001	0,291
CHR3	23112647	CHR3:23112647	SSF x LoA	-8,24818698	0,006	0,311
CHR3	23122662	CHR3:23122662	SSF x LoA	-9,65980245	0,049	0,302
CHR3	23122688	CHR3:23122688	SSF x LoA	-10,0103202	0,010	0,297
CHR3	23122691	CHR3:23122691	SSF x LoA	-7,84740241	-0,096	0,297
CHR3	23122699	CHR3:23122699	SSF x LoA	-9,81250624	0,011	0,303
CHR3	23122716	CHR3:23122716	SSF x LoA	-11,21116	-0,064	0,312
CHR3	23122787	CHR3:23122787	SSF x LoA	-7,10555061	0,009	0,333
CHR3	23126280	CHR3:23126280	SSF x LoA	-9,94087244	-0,082	0,306
CHR3	23131774	CHR3:23131774	SSF x LoA	-7,47614841	0,070	0,301
CHR3	23131796	CHR3:23131796	SSF x LoA	-10,1088784	-0,012	0,297
CHR3	23131825	CHR3:23131825	SSF x LoA	-7,54043474	0,034	0,316
CHR3	23131852	CHR3:23131852	SSF x LoA	-8,4502149	0,116	0,302
CHR3	23135830	CHR3:23135830	SSF x LoA	6,37535762	0,044	0,302
CHR3	23136003	CHR3:23136003	SSF x LoA	-9,35727792	-0,062	0,295
CHR3	23136046	CHR3:23136046	SSF x LoA	-7,90548028	0,157	0,298
CHR3	23136052	CHR3:23136052	SSF x LoA	-8,88652435	0,114	0,314
CHR3	23136120	CHR3:23136120	SSF x LoA	-7,479515	0,158	0,302
CHR3	23140287	CHR3:23140287	SSF x LoA	-11,2080006	0,069	0,317
CHR3	23144058	CHR3:23144058	SSF x LoA	-11,1283655	0,031	0,307
CHR3	23144087	CHR3:23144087	SSF x LoA	-10,743563	0,046	0,318
CHR3	23144223	CHR3:23144223	SSF x LoA	-9,44113146	-0,133	0,322
CHR3	23145162	CHR3:23145162	SSF x LoA	-8,10766601	0,056	0,307
CHR3	23145255	CHR3:23145255	SSF x LoA	-8,71642595	-0,042	0,307
CHR3	23145410	CHR3:23145410	SSF x LoA	-11,2447252	-0,059	0,304
CHR3	23145419	CHR3:23145419	SSF x LoA	-6,56602802	0,210	0,305
CHR3	23145422	CHR3:23145422	SSF x LoA	11,5477415	-0,206	0,289
CHR3	2314846	CHR3:2314846	SSF x LoA	-11,697326	0,012	0,316
CHR3	2314874	CHR3:2314874	SSF x LoA	-9,57086086	-0,032	0,319
CHR3	2314883	CHR3:2314883	SSF x LoA	-11,2342164	-0,016	0,311
CHR3	2314896	CHR3:2314896	SSF x LoA	-8,81359442	-0,020	0,309
CHR3	2314898	CHR3:2314898	SSF x LoA	-10,8202659	-0,025	0,306
CHR3	23149897	CHR3:23149897	SSF x LoA	-7,71773199	-0,037	0,309
CHR3	23149941	CHR3:23149941	SSF x LoA	-10,3692037	0,015	0,311
CHR3	23149976	CHR3:23149976	SSF x LoA	-9,42468149	-0,063	0,306
CHR3	23161235	CHR3:23161235	SSF x LoA	-10,8724231	0,005	0,300
CHR3	2316198	CHR3:2316198	SSF x LoA	-11,1285883	-0,038	0,314
CHR3	23162952	CHR3:23162952	SSF x LoA	-8,93598567	0,101	0,304

CHR3	23163043	CHR3:23163043	SSF x LoA	-8,51725648	0,004	0,321
CHR3	23163096	CHR3:23163096	SSF x LoA	-9,41060733	0,063	0,299
CHR3	23163154	CHR3:23163154	SSF x LoA	-7,50116073	0,065	0,301
CHR3	23165559	CHR3:23165559	SSF x LoA	-9,24280278	-0,004	0,314
CHR3	23165648	CHR3:23165648	SSF x LoA	-6,21365553	-0,034	0,292
CHR3	23165685	CHR3:23165685	SSF x LoA	-9,30924053	0,075	0,307
CHR3	23171395	CHR3:23171395	SSF x LoA	-8,3483459	0,047	0,320
CHR3	23171421	CHR3:23171421	SSF x LoA	-8,98156417	0,054	0,305
CHR3	23171429	CHR3:23171429	SSF x LoA	-9,81180477	0,083	0,311
CHR3	2317494	CHR3:2317494	SSF x LoA	-7,04119163	0,137	0,284
CHR3	2317555	CHR3:2317555	SSF x LoA	-10,9924834	0,001	0,303
CHR3	23176105	CHR3:23176105	SSF x LoA	-4,46042679	0,120	0,286
CHR3	23176140	CHR3:23176140	SSF x LoA	-8,91199488	0,164	0,307
CHR3	23176142	CHR3:23176142	SSF x LoA	-9,37292492	0,142	0,304
CHR3	23176234	CHR3:23176234	SSF x LoA	-3,53949206	0,029	0,307
CHR3	23186219	CHR3:23186219	SSF x LoA	-11,9265974	-0,057	0,294
CHR3	23186246	CHR3:23186246	SSF x LoA	-10,7298144	-0,003	0,308
CHR3	23186299	CHR3:23186299	SSF x LoA	-12,3506466	0,009	0,297
CHR3	23186301	CHR3:23186301	SSF x LoA	-2,25167219	0,224	0,298
CHR3	23186327	CHR3:23186327	SSF x LoA	-10,858412	0,008	0,308
CHR3	23188506	CHR3:23188506	SSF x LoA	-8,49010032	-0,144	0,290
CHR3	23188509	CHR3:23188509	SSF x LoA	-9,28744349	-0,022	0,295
CHR3	23188609	CHR3:23188609	SSF x LoA	-5,00201154	-0,007	0,326
CHR3	23189628	CHR3:23189628	SSF x LoA	-11,4531314	0,067	0,310
CHR3	23212888	CHR3:23212888	SSF x LoA	-10,5064451	-0,006	0,304
CHR3	23212968	CHR3:23212968	SSF x LoA	-11,2305329	-0,015	0,307
CHR3	23212986	CHR3:23212986	SSF x LoA	-8,90752009	-0,086	0,304
CHR3	23213109	CHR3:23213109	SSF x LoA	-7,00954106	0,137	0,316
CHR3	23218862	CHR3:23218862	SSF x LoA	-9,34132657	0,005	0,309
CHR3	23218894	CHR3:23218894	SSF x LoA	-10,4304568	-0,015	0,310
CHR3	23236378	CHR3:23236378	SSF x LoA	-10,4367213	0,115	0,307
CHR3	23236441	CHR3:23236441	SSF x LoA	-9,35693798	-0,123	0,302
CHR3	23236445	CHR3:23236445	SSF x LoA	-10,1072436	0,052	0,308
CHR3	23237404	CHR3:23237404	SSF x LoA	-9,97393561	0,006	0,298
CHR3	23241446	CHR3:23241446	SSF x LoA	-9,05832058	-0,019	0,302
CHR3	23241469	CHR3:23241469	SSF x LoA	-9,32405637	-0,022	0,299
CHR3	23241531	CHR3:23241531	SSF x LoA	-4,97073655	0,051	0,301
CHR3	23241755	CHR3:23241755	SSF x LoA	-8,96982078	-0,035	0,308
CHR3	23241758	CHR3:23241758	SSF x LoA	-8,08855117	-0,042	0,319
CHR3	23241769	CHR3:23241769	SSF x LoA	-7,09462039	-0,056	0,311
CHR3	23248359	CHR3:23248359	SSF x LoA	-9,16225965	0,060	0,287
CHR3	23262753	CHR3:23262753	SSF x LoA	-10,0655085	-0,129	0,297
CHR3	23262759	CHR3:23262759	SSF x LoA	-4,75177251	-0,248	0,269
CHR3	23262773	CHR3:23262773	SSF x LoA	-1,21769585	-0,264	0,280
CHR3	23262814	CHR3:23262814	SSF x LoA	-9,85053064	-0,125	0,299
CHR3	23262834	CHR3:23262834	SSF x LoA	-6,70666214	0,156	0,301
CHR3	23262850	CHR3:23262850	SSF x LoA	-8,29570016	-0,067	0,302
CHR3	23266203	CHR3:23266203	SSF x LoA	-10,0963155	-0,008	0,301
CHR3	23267224	CHR3:23267224	SSF x LoA	-9,18943768	0,029	0,320
CHR3	23268807	CHR3:23268807	SSF x LoA	-10,6939993	-0,035	0,288
CHR3	23268858	CHR3:23268858	SSF x LoA	-7,3225929	0,045	0,303
CHR3	23278163	CHR3:23278163	SSF x LoA	-11,1165222	0,007	0,304
CHR3	23278247	CHR3:23278247	SSF x LoA	-10,0752625	-0,009	0,302

CHR3	23278277	CHR3:23278277	SSF x LoA	-9,79606771	0,082	0,313
CHR3	23285517	CHR3:23285517	SSF x LoA	-10,4167382	-0,025	0,310
CHR3	23285664	CHR3:23285664	SSF x LoA	-8,31331418	-0,091	0,293
CHR3	23291663	CHR3:23291663	SSF x LoA	-10,234214	0,040	0,297
CHR3	23292281	CHR3:23292281	SSF x LoA	-10,2907389	-0,082	0,310
CHR3	23300033	CHR3:23300033	SSF x LoA	-10,1428973	-0,087	0,315
CHR3	23300160	CHR3:23300160	SSF x LoA	-9,93509853	0,082	0,300
CHR3	23306997	CHR3:23306997	SSF x LoA	-8,41648942	0,002	0,305
CHR3	23307049	CHR3:23307049	SSF x LoA	-9,0135083	-0,111	0,305
CHR3	23307115	CHR3:23307115	SSF x LoA	-8,21644934	-0,077	0,317
CHR3	23307158	CHR3:23307158	SSF x LoA	-4,81787287	0,006	0,318
CHR3	23313690	CHR3:23313690	SSF x LoA	-8,94377392	-0,103	0,320
CHR3	23313717	CHR3:23313717	SSF x LoA	-9,8743031	0,078	0,315
CHR3	23314785	CHR3:23314785	SSF x LoA	-11,8679781	0,033	0,307
CHR3	23314794	CHR3:23314794	SSF x LoA	-8,91896944	-0,092	0,305
CHR3	23315514	CHR3:23315514	SSF x LoA	-10,797225	-0,028	0,303
CHR3	23322524	CHR3:23322524	SSF x LoA	-7,35871812	0,033	0,325
CHR3	23322531	CHR3:23322531	SSF x LoA	-7,32136946	-0,083	0,311
CHR3	23322591	CHR3:23322591	SSF x LoA	-8,49283435	0,043	0,321
CHR3	23322594	CHR3:23322594	SSF x LoA	-8,96231266	0,028	0,313
CHR3	23322596	CHR3:23322596	SSF x LoA	-7,58909532	-0,006	0,316
CHR3	23327067	CHR3:23327067	SSF x LoA	-8,75806568	-0,015	0,316
CHR3	23333181	CHR3:23333181	SSF x LoA	-10,8292643	0,015	0,309
CHR3	23333240	CHR3:23333240	SSF x LoA	-10,6062895	-0,037	0,310
CHR3	23333266	CHR3:23333266	SSF x LoA	-10,8181314	-0,090	0,317
CHR3	23333283	CHR3:23333283	SSF x LoA	-9,57273851	-0,094	0,320
CHR3	23333364	CHR3:23333364	SSF x LoA	-9,95920284	-0,019	0,309
CHR3	23342393	CHR3:23342393	SSF x LoA	-10,4126231	0,086	0,298
CHR3	23342404	CHR3:23342404	SSF x LoA	-10,6384804	0,022	0,306
CHR3	23343738	CHR3:23343738	SSF x LoA	-6,64663134	-0,031	0,304
CHR3	23347863	CHR3:23347863	SSF x LoA	-10,6001913	-0,056	0,299
CHR3	23347929	CHR3:23347929	SSF x LoA	-8,9065397	0,004	0,304
CHR3	23350591	CHR3:23350591	SSF x LoA	-11,2755486	-0,079	0,303
CHR3	2335600	CHR3:2335600	SSF x LoA	-10,7962652	0,129	0,301
CHR3	2335639	CHR3:2335639	SSF x LoA	-6,85179386	-0,149	0,305
CHR3	2335754	CHR3:2335754	SSF x LoA	-9,50642859	-0,017	0,320
CHR3	2335756	CHR3:2335756	SSF x LoA	-12,2672965	-0,002	0,297
CHR3	23366190	CHR3:23366190	SSF x LoA	-9,67590736	-0,087	0,302
CHR3	23368028	CHR3:23368028	SSF x LoA	-10,1153129	-0,051	0,303
CHR3	23368077	CHR3:23368077	SSF x LoA	-10,1062316	0,040	0,303
CHR3	23368112	CHR3:23368112	SSF x LoA	-10,2539993	0,021	0,316
CHR3	23368117	CHR3:23368117	SSF x LoA	-9,01472114	-0,146	0,297
CHR3	23370395	CHR3:23370395	SSF x LoA	-10,0308379	0,123	0,312
CHR3	23370428	CHR3:23370428	SSF x LoA	-8,80077349	0,125	0,313
CHR3	23371126	CHR3:23371126	SSF x LoA	-9,87146515	0,027	0,304
CHR3	23371143	CHR3:23371143	SSF x LoA	-9,53690475	0,056	0,308
CHR3	23389760	CHR3:23389760	SSF x LoA	-8,44673164	0,027	0,306
CHR3	23389821	CHR3:23389821	SSF x LoA	-10,4456416	0,023	0,313
CHR3	23398044	CHR3:23398044	SSF x LoA	-7,89910159	-0,139	0,298
CHR3	23398093	CHR3:23398093	SSF x LoA	-6,35365724	0,149	0,312
CHR3	23398375	CHR3:23398375	SSF x LoA	-10,8617377	-0,084	0,304
CHR3	2340977	CHR3:2340977	SSF x LoA	-10,9667865	0,063	0,313
CHR3	23409917	CHR3:23409917	SSF x LoA	-10,3456693	-0,016	0,315

CHR3	23413309	CHR3:23413309	SSF x LoA	-9,17701309	0,044	0,319
CHR3	23413336	CHR3:23413336	SSF x LoA	-8,93000888	-0,015	0,309
CHR3	23413366	CHR3:23413366	SSF x LoA	-9,41416728	-0,002	0,321
CHR3	23413382	CHR3:23413382	SSF x LoA	-9,81190564	0,147	0,294
CHR3	23413424	CHR3:23413424	SSF x LoA	-7,62113381	0,005	0,319
CHR3	23413470	CHR3:23413470	SSF x LoA	-6,27174217	-0,029	0,305
CHR3	23413502	CHR3:23413502	SSF x LoA	-3,75503855	-0,103	0,310
CHR3	23413540	CHR3:23413540	SSF x LoA	-9,7976358	0,069	0,312
CHR3	23429415	CHR3:23429415	SSF x LoA	-11,2945393	0,003	0,306
CHR3	23429416	CHR3:23429416	SSF x LoA	-8,80291778	-0,039	0,296
CHR3	23429428	CHR3:23429428	SSF x LoA	-10,5608755	-0,038	0,295
CHR3	23429432	CHR3:23429432	SSF x LoA	-10,4572497	-0,035	0,307
CHR3	23429597	CHR3:23429597	SSF x LoA	-7,34186766	-0,078	0,301
CHR3	23429599	CHR3:23429599	SSF x LoA	-9,63070959	0,005	0,307
CHR3	23429654	CHR3:23429654	SSF x LoA	-4,82983109	-0,033	0,291
CHR3	23429680	CHR3:23429680	SSF x LoA	-9,01188963	-0,040	0,288
CHR3	23430413	CHR3:23430413	SSF x LoA	-7,81624171	-0,110	0,319
CHR3	23436438	CHR3:23436438	SSF x LoA	-9,90978627	0,001	0,301
CHR3	23436472	CHR3:23436472	SSF x LoA	-8,53720665	-0,020	0,307
CHR3	23445945	CHR3:23445945	SSF x LoA	-10,756778	0,028	0,310
CHR3	23445988	CHR3:23445988	SSF x LoA	-5,64734897	-0,140	0,295
CHR3	23446048	CHR3:23446048	SSF x LoA	-10,2889908	0,018	0,306
CHR3	23446056	CHR3:23446056	SSF x LoA	-6,60246463	0,167	0,296
CHR3	23450122	CHR3:23450122	SSF x LoA	-8,71839896	-0,013	0,302
CHR3	23450128	CHR3:23450128	SSF x LoA	-10,4099378	0,004	0,306
CHR3	23450129	CHR3:23450129	SSF x LoA	-9,76456529	-0,028	0,309
CHR3	23450133	CHR3:23450133	SSF x LoA	-10,5566164	-0,027	0,308
CHR3	23450134	CHR3:23450134	SSF x LoA	-7,90339254	-0,016	0,315
CHR3	23450135	CHR3:23450135	SSF x LoA	-10,2235005	-0,037	0,301
CHR3	23450271	CHR3:23450271	SSF x LoA	-7,91443364	-0,117	0,288
CHR3	23453387	CHR3:23453387	SSF x LoA	-8,76535706	0,073	0,311
CHR3	23465244	CHR3:23465244	SSF x LoA	-9,21705181	-0,087	0,308
CHR3	23465266	CHR3:23465266	SSF x LoA	-9,06349149	0,026	0,308
CHR3	23465267	CHR3:23465267	SSF x LoA	-6,4873145	0,006	0,310
CHR3	23465319	CHR3:23465319	SSF x LoA	-4,46052365	-0,070	0,313
CHR3	23465370	CHR3:23465370	SSF x LoA	-7,35022338	0,045	0,308
CHR3	23481319	CHR3:23481319	SSF x LoA	-6,4160475	-0,063	0,308
CHR3	23501554	CHR3:23501554	SSF x LoA	-6,90806422	0,057	0,316
CHR3	23513882	CHR3:23513882	SSF x LoA	-8,93924071	-0,004	0,314
CHR3	23513898	CHR3:23513898	SSF x LoA	-9,61870284	-0,041	0,311
CHR3	23513946	CHR3:23513946	SSF x LoA	-8,69048636	-0,060	0,306
CHR3	23514023	CHR3:23514023	SSF x LoA	-10,2079664	0,043	0,309
CHR3	23514050	CHR3:23514050	SSF x LoA	-9,97598723	-0,012	0,316
CHR3	23514100	CHR3:23514100	SSF x LoA	-5,26611012	0,044	0,314
CHR3	2352177	CHR3:2352177	SSF x LoA	-9,53349153	0,145	0,300
CHR3	2352222	CHR3:2352222	SSF x LoA	-10,6544386	0,103	0,316
CHR3	2352250	CHR3:2352250	SSF x LoA	-9,45538585	0,061	0,317
CHR3	2352273	CHR3:2352273	SSF x LoA	-8,09702613	0,126	0,308
CHR3	2352317	CHR3:2352317	SSF x LoA	-9,813335	-0,069	0,300
CHR3	23527468	CHR3:23527468	SSF x LoA	-3,10809837	0,185	0,297
CHR3	23527533	CHR3:23527533	SSF x LoA	-10,8133623	-0,068	0,297
CHR3	23527799	CHR3:23527799	SSF x LoA	3,36614354	0,146	0,307
CHR3	23529101	CHR3:23529101	SSF x LoA	-8,92220663	0,016	0,310

CHR3	23529151	CHR3:23529151	SSF x LoA	-8,66411695	-0,029	0,315
CHR3	23532124	CHR3:23532124	SSF x LoA	-8,36835608	-0,007	0,305
CHR3	23532264	CHR3:23532264	SSF x LoA	-8,49888629	-0,038	0,309
CHR3	23536022	CHR3:23536022	SSF x LoA	-9,6384652	-0,021	0,311
CHR3	23544949	CHR3:23544949	SSF x LoA	-9,87274554	-0,025	0,287
CHR3	23544956	CHR3:23544956	SSF x LoA	-10,5637578	-0,066	0,305
CHR3	23545015	CHR3:23545015	SSF x LoA	-9,36367923	-0,069	0,310
CHR3	23545202	CHR3:23545202	SSF x LoA	-9,66446621	-0,013	0,301
CHR3	23571568	CHR3:23571568	SSF x LoA	-8,12422853	-0,029	0,298
CHR3	23571630	CHR3:23571630	SSF x LoA	-9,71613369	-0,110	0,299
CHR3	23580741	CHR3:23580741	SSF x LoA	-9,13471745	-0,031	0,294
CHR3	23580760	CHR3:23580760	SSF x LoA	-4,46237308	0,017	0,310
CHR3	23580763	CHR3:23580763	SSF x LoA	-10,9193973	-0,008	0,303
CHR3	23580774	CHR3:23580774	SSF x LoA	-9,70294306	0,008	0,317
CHR3	23580824	CHR3:23580824	SSF x LoA	-11,0639103	-0,059	0,298
CHR3	23580925	CHR3:23580925	SSF x LoA	-6,16057117	0,114	0,296
CHR3	23586105	CHR3:23586105	SSF x LoA	-7,53323914	-0,170	0,305
CHR3	23586109	CHR3:23586109	SSF x LoA	-7,46354623	0,031	0,316
CHR3	23586272	CHR3:23586272	SSF x LoA	-10,0705402	0,033	0,309
CHR3	23586337	CHR3:23586337	SSF x LoA	-9,89673093	0,008	0,312
CHR3	23592563	CHR3:23592563	SSF x LoA	-9,24141905	0,047	0,318
CHR3	23592587	CHR3:23592587	SSF x LoA	2,100541	0,042	0,331
CHR3	23595456	CHR3:23595456	SSF x LoA	-10,1049218	-0,056	0,299
CHR3	23595515	CHR3:23595515	SSF x LoA	12,1014373	0,035	0,304
CHR3	23595581	CHR3:23595581	SSF x LoA	-9,66681612	0,032	0,299
CHR3	23595617	CHR3:23595617	SSF x LoA	-10,6856381	0,053	0,294
CHR3	2359603	CHR3:2359603	SSF x LoA	-5,74591419	-0,185	0,295
CHR3	2359711	CHR3:2359711	SSF x LoA	-8,20466005	-0,127	0,299
CHR3	23600288	CHR3:23600288	SSF x LoA	-11,0661233	0,080	0,295
CHR3	23600360	CHR3:23600360	SSF x LoA	-11,8378781	-0,055	0,302
CHR3	23600407	CHR3:23600407	SSF x LoA	-9,65631771	-0,064	0,321
CHR3	23600484	CHR3:23600484	SSF x LoA	-10,8947322	0,009	0,318
CHR3	2360388	CHR3:2360388	SSF x LoA	-6,67722739	0,023	0,324
CHR3	23610291	CHR3:23610291	SSF x LoA	-9,03560291	-0,077	0,307
CHR3	2361860	CHR3:2361860	SSF x LoA	-11,5332733	-0,031	0,303
CHR3	23619992	CHR3:23619992	SSF x LoA	-7,64507177	0,032	0,297
CHR3	23620163	CHR3:23620163	SSF x LoA	-8,2448421	0,046	0,314
CHR3	23623628	CHR3:23623628	SSF x LoA	-9,92862363	0,017	0,304
CHR3	23623636	CHR3:23623636	SSF x LoA	-9,54803791	0,013	0,302
CHR3	23623725	CHR3:23623725	SSF x LoA	-10,2663991	-0,060	0,292
CHR3	23623738	CHR3:23623738	SSF x LoA	-7,68899216	-0,101	0,323
CHR3	23627324	CHR3:23627324	SSF x LoA	-9,67372965	-0,064	0,297
CHR3	23627350	CHR3:23627350	SSF x LoA	-9,04165412	-0,032	0,304
CHR3	23627358	CHR3:23627358	SSF x LoA	-6,96629007	-0,031	0,299
CHR3	23641006	CHR3:23641006	SSF x LoA	-7,98486962	0,085	0,313
CHR3	2365056	CHR3:2365056	SSF x LoA	-10,05055	0,074	0,303
CHR3	2365077	CHR3:2365077	SSF x LoA	-7,49080042	0,044	0,317
CHR3	2365101	CHR3:2365101	SSF x LoA	-8,704444	0,047	0,294
CHR3	23663640	CHR3:23663640	SSF x LoA	-7,85928692	0,003	0,321
CHR3	23663686	CHR3:23663686	SSF x LoA	-8,63542189	0,080	0,299
CHR3	23663738	CHR3:23663738	SSF x LoA	-12,3228301	-0,042	0,305
CHR3	23663853	CHR3:23663853	SSF x LoA	-11,0340396	-0,017	0,301
CHR3	23663885	CHR3:23663885	SSF x LoA	-10,1413795	-0,022	0,304

CHR3	23666211	CHR3:23666211	SSF x LoA	-8,70507328	-0,116	0,306
CHR3	23666213	CHR3:23666213	SSF x LoA	-9,51201925	0,121	0,304
CHR3	23666321	CHR3:23666321	SSF x LoA	-4,47252305	0,059	0,317
CHR3	23673253	CHR3:23673253	SSF x LoA	-10,7128158	-0,015	0,311
CHR3	23677249	CHR3:23677249	SSF x LoA	-7,51234419	0,123	0,310
CHR3	23677282	CHR3:23677282	SSF x LoA	-5,15158238	-0,170	0,307
CHR3	23677317	CHR3:23677317	SSF x LoA	-7,17817454	-0,172	0,306
CHR3	23677329	CHR3:23677329	SSF x LoA	-9,10637348	0,042	0,303
CHR3	23677335	CHR3:23677335	SSF x LoA	-11,5305339	0,040	0,306
CHR3	23677336	CHR3:23677336	SSF x LoA	-9,45716902	0,032	0,326
CHR3	23685248	CHR3:23685248	SSF x LoA	-9,62453748	-0,090	0,297
CHR3	23685268	CHR3:23685268	SSF x LoA	-8,49186555	-0,143	0,296
CHR3	23685280	CHR3:23685280	SSF x LoA	-7,68660595	0,077	0,299
CHR3	23685348	CHR3:23685348	SSF x LoA	-8,01822777	0,104	0,302
CHR3	23688459	CHR3:23688459	SSF x LoA	-8,28100381	0,097	0,317
CHR3	23688503	CHR3:23688503	SSF x LoA	-10,5400115	-0,069	0,306
CHR3	23688504	CHR3:23688504	SSF x LoA	-9,46754106	0,035	0,310
CHR3	23688542	CHR3:23688542	SSF x LoA	-10,2013736	-0,067	0,313
CHR3	23688547	CHR3:23688547	SSF x LoA	-10,0824896	-0,095	0,299
CHR3	236930	CHR3:236930	SSF x LoA	-7,59130754	0,034	0,313
CHR3	236993	CHR3:236993	SSF x LoA	-9,37625095	0,104	0,305
CHR3	23700422	CHR3:23700422	SSF x LoA	-8,96848125	0,095	0,296
CHR3	23700569	CHR3:23700569	SSF x LoA	-6,91377289	-0,095	0,305
CHR3	23700591	CHR3:23700591	SSF x LoA	-4,64778137	0,168	0,288
CHR3	23700601	CHR3:23700601	SSF x LoA	-7,97055084	-0,090	0,296
CHR3	23700650	CHR3:23700650	SSF x LoA	-10,5614437	-0,022	0,311
CHR3	23700685	CHR3:23700685	SSF x LoA	-10,3265156	-0,094	0,310
CHR3	23705268	CHR3:23705268	SSF x LoA	-9,96145517	0,142	0,306
CHR3	23705474	CHR3:23705474	SSF x LoA	-11,6691966	0,094	0,296
CHR3	23705529	CHR3:23705529	SSF x LoA	-11,2221013	0,011	0,312
CHR3	237060	CHR3:237060	SSF x LoA	-8,09220055	0,076	0,306
CHR3	23709405	CHR3:23709405	SSF x LoA	-8,64994384	0,028	0,302
CHR3	23717131	CHR3:23717131	SSF x LoA	-9,01874384	-0,037	0,299
CHR3	23720447	CHR3:23720447	SSF x LoA	-4,27492503	-0,021	0,310
CHR3	23720452	CHR3:23720452	SSF x LoA	-9,98775969	-0,023	0,319
CHR3	23720454	CHR3:23720454	SSF x LoA	-5,53754601	-0,017	0,315
CHR3	23720485	CHR3:23720485	SSF x LoA	-8,66616926	-0,042	0,321
CHR3	23720494	CHR3:23720494	SSF x LoA	-9,77172774	-0,066	0,304
CHR3	23720513	CHR3:23720513	SSF x LoA	-11,1916699	0,000	0,311
CHR3	23720546	CHR3:23720546	SSF x LoA	1,21768554	-0,050	0,302
CHR3	23740345	CHR3:23740345	SSF x LoA	-9,15192195	-0,027	0,310
CHR3	23740444	CHR3:23740444	SSF x LoA	-10,2874962	0,099	0,303
CHR3	23756702	CHR3:23756702	SSF x LoA	-9,40987879	-0,041	0,298
CHR3	23756861	CHR3:23756861	SSF x LoA	-7,59440334	0,086	0,322
CHR3	23756916	CHR3:23756916	SSF x LoA	-9,37338672	0,014	0,307
CHR3	23756924	CHR3:23756924	SSF x LoA	-8,51673538	-0,002	0,308
CHR3	23756971	CHR3:23756971	SSF x LoA	-3,68154985	-0,016	0,310
CHR3	23766080	CHR3:23766080	SSF x LoA	-7,10544844	0,161	0,308
CHR3	2377049	CHR3:2377049	SSF x LoA	-8,03069173	-0,030	0,313
CHR3	2377054	CHR3:2377054	SSF x LoA	-6,00222766	-0,141	0,304
CHR3	2377055	CHR3:2377055	SSF x LoA	-5,64538733	-0,158	0,309
CHR3	2377069	CHR3:2377069	SSF x LoA	-9,8467727	0,044	0,304
CHR3	2377099	CHR3:2377099	SSF x LoA	-8,97943979	0,036	0,298

CHR3	23772132	CHR3:23772132	SSF x LoA	-6,62028612	-0,018	0,316
CHR3	23775165	CHR3:23775165	SSF x LoA	-8,47763259	0,117	0,302
CHR3	23775189	CHR3:23775189	SSF x LoA	-8,72878774	-0,001	0,301
CHR3	23790138	CHR3:23790138	SSF x LoA	-10,7573042	-0,048	0,310
CHR3	23790143	CHR3:23790143	SSF x LoA	-5,95059877	0,150	0,276
CHR3	23794935	CHR3:23794935	SSF x LoA	-9,05225194	0,011	0,303
CHR3	23802231	CHR3:23802231	SSF x LoA	-9,04363373	0,063	0,298
CHR3	23802283	CHR3:23802283	SSF x LoA	-7,58555754	0,062	0,300
CHR3	23802338	CHR3:23802338	SSF x LoA	-8,68171911	0,071	0,316
CHR3	23802477	CHR3:23802477	SSF x LoA	-7,55223729	0,036	0,298
CHR3	23802480	CHR3:23802480	SSF x LoA	-7,09004912	-0,120	0,292
CHR3	23802493	CHR3:23802493	SSF x LoA	-6,07495425	0,090	0,306
CHR3	23810491	CHR3:23810491	SSF x LoA	-9,52571059	0,011	0,309
CHR3	23811699	CHR3:23811699	SSF x LoA	-10,3114796	-0,024	0,292
CHR3	23811755	CHR3:23811755	SSF x LoA	-9,78127357	0,024	0,305
CHR3	23811809	CHR3:23811809	SSF x LoA	-8,78669461	0,047	0,312
CHR3	23816389	CHR3:23816389	SSF x LoA	-9,91078551	0,065	0,323
CHR3	23819040	CHR3:23819040	SSF x LoA	-10,6733916	-0,016	0,298
CHR3	23819101	CHR3:23819101	SSF x LoA	-10,6694712	0,006	0,319
CHR3	2382225	CHR3:2382225	SSF x LoA	-9,40529734	-0,068	0,301
CHR3	2382406	CHR3:2382406	SSF x LoA	-8,29316937	-0,114	0,298
CHR3	23825371	CHR3:23825371	SSF x LoA	-9,2643872	-0,023	0,303
CHR3	23843353	CHR3:23843353	SSF x LoA	-11,1746142	-0,009	0,304
CHR3	23847370	CHR3:23847370	SSF x LoA	-9,63280712	0,086	0,303
CHR3	23856470	CHR3:23856470	SSF x LoA	-8,40280708	0,006	0,313
CHR3	23856521	CHR3:23856521	SSF x LoA	-9,27805717	-0,053	0,302
CHR3	23856538	CHR3:23856538	SSF x LoA	-10,5816715	0,038	0,299
CHR3	23856625	CHR3:23856625	SSF x LoA	-11,3856516	-0,043	0,307
CHR3	23856660	CHR3:23856660	SSF x LoA	-10,7314022	0,033	0,306
CHR3	23856714	CHR3:23856714	SSF x LoA	-11,1603694	-0,121	0,298
CHR3	23869975	CHR3:23869975	SSF x LoA	-9,71734148	-0,047	0,316
CHR3	23869985	CHR3:23869985	SSF x LoA	-10,1078229	-0,006	0,310
CHR3	23883102	CHR3:23883102	SSF x LoA	-7,46292312	0,068	0,298
CHR3	23886356	CHR3:23886356	SSF x LoA	-4,21853493	-0,064	0,300
CHR3	23886390	CHR3:23886390	SSF x LoA	-4,67845705	-0,064	0,310
CHR3	23886458	CHR3:23886458	SSF x LoA	-6,69280808	0,010	0,308
CHR3	23886468	CHR3:23886468	SSF x LoA	-4,9306315	-0,073	0,311
CHR3	23896046	CHR3:23896046	SSF x LoA	-8,16310383	-0,131	0,296
CHR3	23896112	CHR3:23896112	SSF x LoA	-9,67307119	-0,077	0,300
CHR3	23896122	CHR3:23896122	SSF x LoA	-8,29913162	0,036	0,297
CHR3	23896131	CHR3:23896131	SSF x LoA	-10,2647967	-0,052	0,306
CHR3	23896163	CHR3:23896163	SSF x LoA	-9,18202678	0,047	0,319
CHR3	23896221	CHR3:23896221	SSF x LoA	-10,1693213	-0,033	0,307
CHR3	23896222	CHR3:23896222	SSF x LoA	-9,51388903	0,019	0,308
CHR3	23896233	CHR3:23896233	SSF x LoA	-7,07706967	0,024	0,300
CHR3	23896270	CHR3:23896270	SSF x LoA	-6,86483314	0,075	0,315
CHR3	23896272	CHR3:23896272	SSF x LoA	-7,81233809	-0,059	0,312
CHR3	23908532	CHR3:23908532	SSF x LoA	-11,2897611	0,044	0,304
CHR3	23918937	CHR3:23918937	SSF x LoA	-9,20654523	-0,155	0,311
CHR3	23918938	CHR3:23918938	SSF x LoA	-8,43780645	0,015	0,310
CHR3	23918955	CHR3:23918955	SSF x LoA	-11,8750122	-0,043	0,309
CHR3	23918962	CHR3:23918962	SSF x LoA	-7,71499953	-0,081	0,302
CHR3	23918965	CHR3:23918965	SSF x LoA	-11,5131966	-0,083	0,296

CHR3	23918974	CHR3:23918974	SSF x LoA	-7,69099373	0,032	0,313
CHR3	23920385	CHR3:23920385	SSF x LoA	-4,87584881	0,031	0,311
CHR3	23931164	CHR3:23931164	SSF x LoA	-6,9466666	0,069	0,318
CHR3	23931168	CHR3:23931168	SSF x LoA	-10,9230258	0,060	0,316
CHR3	2393846	CHR3:2393846	SSF x LoA	-8,6878608	0,073	0,308
CHR3	23940374	CHR3:23940374	SSF x LoA	-8,69261929	0,064	0,303
CHR3	23940377	CHR3:23940377	SSF x LoA	-10,3157687	-0,012	0,302
CHR3	23940453	CHR3:23940453	SSF x LoA	-8,88553279	-0,023	0,295
CHR3	23941523	CHR3:23941523	SSF x LoA	-9,8279417	0,035	0,279
CHR3	23952348	CHR3:23952348	SSF x LoA	-10,7857131	0,138	0,300
CHR3	23952361	CHR3:23952361	SSF x LoA	-10,912785	-0,076	0,313
CHR3	23952406	CHR3:23952406	SSF x LoA	-8,25797018	-0,067	0,316
CHR3	23952450	CHR3:23952450	SSF x LoA	-7,82208863	-0,174	0,297
CHR3	23952490	CHR3:23952490	SSF x LoA	-0,85984975	0,021	0,300
CHR3	23956026	CHR3:23956026	SSF x LoA	-3,96608757	0,105	0,301
CHR3	23956164	CHR3:23956164	SSF x LoA	-8,00833451	0,059	0,306
CHR3	23960391	CHR3:23960391	SSF x LoA	-9,60927289	-0,051	0,298
CHR3	23960434	CHR3:23960434	SSF x LoA	-9,32972031	-0,050	0,308
CHR3	23963382	CHR3:23963382	SSF x LoA	-8,94490562	0,043	0,305
CHR3	23965975	CHR3:23965975	SSF x LoA	-11,4263369	-0,056	0,297
CHR3	23968822	CHR3:23968822	SSF x LoA	-9,86928927	0,005	0,300
CHR3	23968828	CHR3:23968828	SSF x LoA	-10,3362424	-0,006	0,295
CHR3	23968831	CHR3:23968831	SSF x LoA	-10,6529897	-0,070	0,318
CHR3	23968834	CHR3:23968834	SSF x LoA	-9,98190833	-0,003	0,301
CHR3	23968840	CHR3:23968840	SSF x LoA	-10,2041141	0,000	0,312
CHR3	23968852	CHR3:23968852	SSF x LoA	-10,7287471	0,023	0,304
CHR3	23968864	CHR3:23968864	SSF x LoA	-11,1368985	0,015	0,315
CHR3	23968867	CHR3:23968867	SSF x LoA	-7,84226392	0,057	0,311
CHR3	23968888	CHR3:23968888	SSF x LoA	-10,1236846	0,033	0,308
CHR3	23968891	CHR3:23968891	SSF x LoA	-9,13913436	0,064	0,311
CHR3	23968898	CHR3:23968898	SSF x LoA	-10,9268828	0,019	0,300
CHR3	23968900	CHR3:23968900	SSF x LoA	-9,64709352	0,026	0,312
CHR3	23984869	CHR3:23984869	SSF x LoA	-8,11705995	-0,153	0,295
CHR3	23984904	CHR3:23984904	SSF x LoA	-7,23373046	-0,143	0,308
CHR3	23984913	CHR3:23984913	SSF x LoA	-8,61548756	0,113	0,298
CHR3	23984915	CHR3:23984915	SSF x LoA	-3,91031157	-0,185	0,298
CHR3	23984946	CHR3:23984946	SSF x LoA	-9,50307111	-0,036	0,300
CHR3	23984947	CHR3:23984947	SSF x LoA	-7,65474253	-0,119	0,320
CHR3	23998078	CHR3:23998078	SSF x LoA	-12,1312417	0,056	0,300
CHR3	23998319	CHR3:23998319	SSF x LoA	-10,2260726	-0,029	0,302
CHR3	24014514	CHR3:24014514	SSF x LoA	-7,72041645	0,066	0,310
CHR3	24014517	CHR3:24014517	SSF x LoA	-8,19849691	0,077	0,301
CHR3	24014604	CHR3:24014604	SSF x LoA	-10,7618181	0,032	0,320
CHR3	24029044	CHR3:24029044	SSF x LoA	-9,74062199	0,129	0,301
CHR3	2403030	CHR3:2403030	SSF x LoA	-12,2288232	0,066	0,301
CHR3	2403178	CHR3:2403178	SSF x LoA	-8,52793836	-0,065	0,307
CHR3	2403225	CHR3:2403225	SSF x LoA	-8,22663574	-0,171	0,311
CHR3	24037801	CHR3:24037801	SSF x LoA	-9,18116848	-0,104	0,297
CHR3	24037819	CHR3:24037819	SSF x LoA	-6,25328228	0,150	0,307
CHR3	24039260	CHR3:24039260	SSF x LoA	-9,19990885	-0,085	0,307
CHR3	24039277	CHR3:24039277	SSF x LoA	-9,86091529	-0,113	0,308
CHR3	24053302	CHR3:24053302	SSF x LoA	-5,53735365	-0,144	0,318
CHR3	24053304	CHR3:24053304	SSF x LoA	-1,5640597	0,044	0,316

CHR3	24053460	CHR3:24053460	SSF x LoA	-9,61827027	0,042	0,318
CHR3	24053480	CHR3:24053480	SSF x LoA	7,60152212	-0,153	0,297
CHR3	24053518	CHR3:24053518	SSF x LoA	-8,86578872	-0,092	0,310
CHR3	24053534	CHR3:24053534	SSF x LoA	-10,7098872	-0,067	0,302
CHR3	24058176	CHR3:24058176	SSF x LoA	-10,0370152	-0,049	0,301
CHR3	24058216	CHR3:24058216	SSF x LoA	-9,17841942	-0,138	0,313
CHR3	24058240	CHR3:24058240	SSF x LoA	-8,08360697	-0,082	0,306
CHR3	24062675	CHR3:24062675	SSF x LoA	-5,17513773	-0,073	0,315
CHR3	24067414	CHR3:24067414	SSF x LoA	-10,1409247	0,090	0,309
CHR3	24067446	CHR3:24067446	SSF x LoA	-10,8008577	0,061	0,298
CHR3	24068806	CHR3:24068806	SSF x LoA	-10,8776464	0,063	0,295
CHR3	2406961	CHR3:2406961	SSF x LoA	-7,46339138	0,032	0,312
CHR3	2406995	CHR3:2406995	SSF x LoA	-3,80480503	0,000	0,316
CHR3	2407075	CHR3:2407075	SSF x LoA	-8,40462534	-0,076	0,310
CHR3	24070812	CHR3:24070812	SSF x LoA	-4,6809586	-0,107	0,298
CHR3	2407106	CHR3:2407106	SSF x LoA	-10,3958854	0,027	0,300
CHR3	2407120	CHR3:2407120	SSF x LoA	-10,1880923	0,009	0,291
CHR3	2407132	CHR3:2407132	SSF x LoA	-8,68661356	-0,052	0,312
CHR3	2407162	CHR3:2407162	SSF x LoA	-6,52962579	-0,048	0,302
CHR3	2407164	CHR3:2407164	SSF x LoA	-8,4585618	-0,023	0,311
CHR3	2407175	CHR3:2407175	SSF x LoA	-11,748835	0,056	0,309
CHR3	2407177	CHR3:2407177	SSF x LoA	-9,62555355	-0,067	0,289
CHR3	2407188	CHR3:2407188	SSF x LoA	-8,83482435	0,044	0,308
CHR3	2407232	CHR3:2407232	SSF x LoA	-9,7165661	-0,012	0,297
CHR3	2407257	CHR3:2407257	SSF x LoA	-10,5774526	0,028	0,310
CHR3	24073562	CHR3:24073562	SSF x LoA	-2,8901517	0,001	0,291
CHR3	24073585	CHR3:24073585	SSF x LoA	-4,71153158	-0,109	0,295
CHR3	24073619	CHR3:24073619	SSF x LoA	-10,8020362	-0,048	0,318
CHR3	24073654	CHR3:24073654	SSF x LoA	-9,94914215	-0,044	0,317
CHR3	24073696	CHR3:24073696	SSF x LoA	-9,88383614	0,194	0,297
CHR3	24073742	CHR3:24073742	SSF x LoA	-0,89102277	0,068	0,294
CHR3	24073743	CHR3:24073743	SSF x LoA	-7,18977419	-0,020	0,307
CHR3	24073766	CHR3:24073766	SSF x LoA	-7,35074388	0,085	0,306
CHR3	24073787	CHR3:24073787	SSF x LoA	-10,9853862	0,007	0,313
CHR3	24073788	CHR3:24073788	SSF x LoA	-10,766806	0,001	0,303
CHR3	24077000	CHR3:24077000	SSF x LoA	-10,9578946	0,097	0,298
CHR3	24077043	CHR3:24077043	SSF x LoA	-9,94281095	0,144	0,313
CHR3	24085304	CHR3:24085304	SSF x LoA	-9,42141239	-0,040	0,305
CHR3	24085341	CHR3:24085341	SSF x LoA	-8,16521106	-0,054	0,303
CHR3	24094727	CHR3:24094727	SSF x LoA	-7,7995902	0,154	0,289
CHR3	24094728	CHR3:24094728	SSF x LoA	-4,92957716	0,150	0,296
CHR3	24094749	CHR3:24094749	SSF x LoA	-2,05685895	0,216	0,298
CHR3	24094756	CHR3:24094756	SSF x LoA	-4,05006376	0,228	0,286
CHR3	24099255	CHR3:24099255	SSF x LoA	-11,4005462	0,050	0,309
CHR3	24132768	CHR3:24132768	SSF x LoA	-9,02437966	-0,026	0,327
CHR3	2413474	CHR3:2413474	SSF x LoA	-9,63956888	-0,130	0,304
CHR3	2413592	CHR3:2413592	SSF x LoA	-6,26682104	-0,039	0,315
CHR3	2413612	CHR3:2413612	SSF x LoA	-9,09587037	-0,047	0,297
CHR3	24143669	CHR3:24143669	SSF x LoA	-8,73837719	0,089	0,296
CHR3	24143884	CHR3:24143884	SSF x LoA	-9,6399518	-0,029	0,312
CHR3	24143911	CHR3:24143911	SSF x LoA	-7,98078952	0,008	0,305
CHR3	24145061	CHR3:24145061	SSF x LoA	-9,28367691	-0,011	0,313
CHR3	24145095	CHR3:24145095	SSF x LoA	-8,89700618	0,043	0,311

CHR3	24145134	CHR3:24145134	SSF x LoA	-8,80779493	-0,077	0,305
CHR3	24145177	CHR3:24145177	SSF x LoA	-5,57284188	0,018	0,306
CHR3	24145183	CHR3:24145183	SSF x LoA	-3,91194228	0,105	0,306
CHR3	24149434	CHR3:24149434	SSF x LoA	-8,8938434	-0,051	0,316
CHR3	24149504	CHR3:24149504	SSF x LoA	-8,71590013	-0,024	0,313
CHR3	24149506	CHR3:24149506	SSF x LoA	-8,401265	0,007	0,321
CHR3	24149529	CHR3:24149529	SSF x LoA	-10,1668038	0,074	0,300
CHR3	24149538	CHR3:24149538	SSF x LoA	-7,90122306	-0,046	0,313
CHR3	24149592	CHR3:24149592	SSF x LoA	-8,31494502	0,078	0,304
CHR3	24149702	CHR3:24149702	SSF x LoA	-9,13704939	0,024	0,312
CHR3	24149741	CHR3:24149741	SSF x LoA	-8,61792004	0,005	0,313
CHR3	24153509	CHR3:24153509	SSF x LoA	-8,34592778	0,070	0,307
CHR3	24156097	CHR3:24156097	SSF x LoA	-9,45508615	0,124	0,301
CHR3	24156315	CHR3:24156315	SSF x LoA	-8,61641316	0,098	0,305
CHR3	24168770	CHR3:24168770	SSF x LoA	-8,84906088	0,064	0,308
CHR3	24168980	CHR3:24168980	SSF x LoA	-5,99787067	-0,166	0,290
CHR3	24169061	CHR3:24169061	SSF x LoA	-7,35891655	0,076	0,320
CHR3	24169090	CHR3:24169090	SSF x LoA	-5,56667805	-0,082	0,313
CHR3	24214240	CHR3:24214240	SSF x LoA	-9,03828102	-0,021	0,310
CHR3	24214283	CHR3:24214283	SSF x LoA	-7,9492227	0,094	0,298
CHR3	2421935	CHR3:2421935	SSF x LoA	-10,4103632	0,063	0,297
CHR3	2421972	CHR3:2421972	SSF x LoA	-9,46386208	-0,080	0,309
CHR3	2422037	CHR3:2422037	SSF x LoA	-10,217873	-0,081	0,320
CHR3	24226389	CHR3:24226389	SSF x LoA	-11,3780533	0,102	0,307
CHR3	24226449	CHR3:24226449	SSF x LoA	-6,92011108	0,075	0,307
CHR3	24226540	CHR3:24226540	SSF x LoA	-10,8827113	-0,042	0,310
CHR3	2424348	CHR3:2424348	SSF x LoA	-8,1193921	0,002	0,308
CHR3	2424381	CHR3:2424381	SSF x LoA	-9,76335952	0,053	0,318
CHR3	2424435	CHR3:2424435	SSF x LoA	-10,9067128	0,032	0,297
CHR3	24247170	CHR3:24247170	SSF x LoA	-10,084311	-0,028	0,320
CHR3	24247173	CHR3:24247173	SSF x LoA	-11,0958813	-0,040	0,313
CHR3	24247174	CHR3:24247174	SSF x LoA	-9,65960005	-0,041	0,299
CHR3	24247176	CHR3:24247176	SSF x LoA	-9,57545743	0,062	0,316
CHR3	24247226	CHR3:24247226	SSF x LoA	-11,4011179	-0,094	0,301
CHR3	24247227	CHR3:24247227	SSF x LoA	-10,3003938	-0,020	0,299
CHR3	24247386	CHR3:24247386	SSF x LoA	-10,7893527	-0,011	0,302
CHR3	24247421	CHR3:24247421	SSF x LoA	-10,126252	0,119	0,281
CHR3	24247427	CHR3:24247427	SSF x LoA	-7,52997574	-0,016	0,306
CHR3	24255383	CHR3:24255383	SSF x LoA	-7,83563007	-0,048	0,297
CHR3	24255447	CHR3:24255447	SSF x LoA	-8,9834811	-0,052	0,303
CHR3	24255454	CHR3:24255454	SSF x LoA	-6,00318414	-0,005	0,298
CHR3	24255459	CHR3:24255459	SSF x LoA	-9,08031953	-0,040	0,308
CHR3	24260766	CHR3:24260766	SSF x LoA	-6,84868295	0,124	0,299
CHR3	24262062	CHR3:24262062	SSF x LoA	-9,31429643	-0,103	0,309
CHR3	24262138	CHR3:24262138	SSF x LoA	-7,45515589	0,000	0,308
CHR3	24262168	CHR3:24262168	SSF x LoA	-7,57312837	0,144	0,307
CHR3	24274529	CHR3:24274529	SSF x LoA	-9,80692294	-0,008	0,305
CHR3	24274598	CHR3:24274598	SSF x LoA	-8,67412154	0,105	0,302
CHR3	24280251	CHR3:24280251	SSF x LoA	-10,8264708	0,118	0,304
CHR3	24280266	CHR3:24280266	SSF x LoA	-8,4628878	-0,065	0,306
CHR3	24280513	CHR3:24280513	SSF x LoA	-8,24718085	0,057	0,309
CHR3	24280596	CHR3:24280596	SSF x LoA	3,06134091	0,096	0,324
CHR3	24287911	CHR3:24287911	SSF x LoA	-9,41701837	-0,001	0,308

CHR3	24288143	CHR3:24288143	SSF x LoA	-12,3466949	0,004	0,293
CHR3	24290226	CHR3:24290226	SSF x LoA	-9,8452709	-0,093	0,294
CHR3	24290307	CHR3:24290307	SSF x LoA	-11,6025331	-0,060	0,302
CHR3	24300391	CHR3:24300391	SSF x LoA	-8,60205726	0,055	0,301
CHR3	24300425	CHR3:24300425	SSF x LoA	-10,8873711	-0,092	0,310
CHR3	24303630	CHR3:24303630	SSF x LoA	-9,84130359	-0,070	0,317
CHR3	24303649	CHR3:24303649	SSF x LoA	-7,22314481	-0,116	0,303
CHR3	24306829	CHR3:24306829	SSF x LoA	-8,88353716	0,047	0,300
CHR3	24306830	CHR3:24306830	SSF x LoA	-10,0415785	-0,048	0,297
CHR3	24320927	CHR3:24320927	SSF x LoA	-8,89577385	0,057	0,300
CHR3	24331425	CHR3:24331425	SSF x LoA	-5,93174646	-0,128	0,305
CHR3	24331438	CHR3:24331438	SSF x LoA	-8,98096054	-0,111	0,291
CHR3	24331467	CHR3:24331467	SSF x LoA	-6,59701136	-0,187	0,294
CHR3	24339888	CHR3:24339888	SSF x LoA	-9,43466355	-0,140	0,280
CHR3	24344693	CHR3:24344693	SSF x LoA	-5,27828149	-0,171	0,291
CHR3	24344708	CHR3:24344708	SSF x LoA	-6,84997784	-0,125	0,301
CHR3	24344741	CHR3:24344741	SSF x LoA	-11,2629686	-0,001	0,312
CHR3	24344742	CHR3:24344742	SSF x LoA	-8,52199067	-0,086	0,294
CHR3	24344751	CHR3:24344751	SSF x LoA	-6,34772167	-0,130	0,304
CHR3	24344757	CHR3:24344757	SSF x LoA	-9,73130713	-0,062	0,315
CHR3	24344805	CHR3:24344805	SSF x LoA	-9,39861712	0,013	0,315
CHR3	24344891	CHR3:24344891	SSF x LoA	-10,2818199	-0,116	0,285
CHR3	24344934	CHR3:24344934	SSF x LoA	-10,1083297	-0,095	0,309
CHR3	24350418	CHR3:24350418	SSF x LoA	-6,66278938	-0,069	0,296
CHR3	24350464	CHR3:24350464	SSF x LoA	-11,1720929	0,000	0,303
CHR3	24350535	CHR3:24350535	SSF x LoA	-11,3428597	-0,005	0,311
CHR3	24356241	CHR3:24356241	SSF x LoA	-9,68407305	-0,018	0,324
CHR3	24360724	CHR3:24360724	SSF x LoA	-6,80507574	0,076	0,303
CHR3	24360728	CHR3:24360728	SSF x LoA	-8,27177425	0,085	0,293
CHR3	24360763	CHR3:24360763	SSF x LoA	-7,78555339	0,079	0,295
CHR3	24360776	CHR3:24360776	SSF x LoA	-8,24591961	0,044	0,301
CHR3	2436834	CHR3:2436834	SSF x LoA	-8,88843593	-0,024	0,311
CHR3	2436836	CHR3:2436836	SSF x LoA	-8,97758961	-0,017	0,302
CHR3	2436853	CHR3:2436853	SSF x LoA	-9,13141925	0,142	0,312
CHR3	2436854	CHR3:2436854	SSF x LoA	0,26817253	0,144	0,313
CHR3	2436878	CHR3:2436878	SSF x LoA	-10,7313524	-0,048	0,309
CHR3	2436904	CHR3:2436904	SSF x LoA	-9,27015585	-0,030	0,297
CHR3	24371526	CHR3:24371526	SSF x LoA	-5,60768865	-0,094	0,306
CHR3	24371654	CHR3:24371654	SSF x LoA	-9,38936248	-0,049	0,314
CHR3	24371664	CHR3:24371664	SSF x LoA	-4,9237205	-0,104	0,299
CHR3	24376859	CHR3:24376859	SSF x LoA	-7,22969691	0,047	0,308
CHR3	24386674	CHR3:24386674	SSF x LoA	-9,96324972	-0,001	0,310
CHR3	24417441	CHR3:24417441	SSF x LoA	-7,48566604	0,038	0,289
CHR3	24418031	CHR3:24418031	SSF x LoA	-7,97824314	0,109	0,304
CHR3	24418131	CHR3:24418131	SSF x LoA	-6,29725895	0,118	0,307
CHR3	24457335	CHR3:24457335	SSF x LoA	-11,4625708	0,039	0,305
CHR3	24457389	CHR3:24457389	SSF x LoA	-5,91302608	0,142	0,297
CHR3	24457397	CHR3:24457397	SSF x LoA	-1,23977844	0,092	0,301
CHR3	24467144	CHR3:24467144	SSF x LoA	-3,34130706	-0,096	0,299
CHR3	24467161	CHR3:24467161	SSF x LoA	-8,82753116	0,058	0,312
CHR3	24477222	CHR3:24477222	SSF x LoA	-8,51576122	-0,043	0,304
CHR3	24477395	CHR3:24477395	SSF x LoA	-11,5488888	-0,029	0,310
CHR3	24477500	CHR3:24477500	SSF x LoA	-8,25616553	-0,090	0,305

CHR3	24477510	CHR3:24477510	SSF x LoA	-7,86675765	-0,101	0,300
CHR3	24498634	CHR3:24498634	SSF x LoA	-9,19113176	0,008	0,301
CHR3	24498648	CHR3:24498648	SSF x LoA	-7,87306754	-0,009	0,297
CHR3	244997	CHR3:244997	SSF x LoA	-8,82918844	-0,123	0,302
CHR3	24507301	CHR3:24507301	SSF x LoA	-6,68539016	0,138	0,307
CHR3	24515127	CHR3:24515127	SSF x LoA	-8,65871487	0,057	0,311
CHR3	24515145	CHR3:24515145	SSF x LoA	-10,5662516	-0,008	0,310
CHR3	24515189	CHR3:24515189	SSF x LoA	7,63357131	0,051	0,322
CHR3	24515191	CHR3:24515191	SSF x LoA	-5,52940304	-0,105	0,297
CHR3	24515200	CHR3:24515200	SSF x LoA	-9,99313623	-0,003	0,304
CHR3	24515213	CHR3:24515213	SSF x LoA	-7,70424169	0,078	0,313
CHR3	24515264	CHR3:24515264	SSF x LoA	-8,05676379	0,107	0,290
CHR3	245165	CHR3:245165	SSF x LoA	-10,3638032	-0,036	0,317
CHR3	24518546	CHR3:24518546	SSF x LoA	-6,7675669	0,027	0,302
CHR3	24518568	CHR3:24518568	SSF x LoA	-9,05895558	0,054	0,300
CHR3	24518767	CHR3:24518767	SSF x LoA	-11,218604	0,020	0,305
CHR3	245209	CHR3:245209	SSF x LoA	-10,7865279	0,135	0,296
CHR3	24525382	CHR3:24525382	SSF x LoA	-8,47146257	0,123	0,308
CHR3	24542378	CHR3:24542378	SSF x LoA	-7,36395473	-0,105	0,293
CHR3	24542384	CHR3:24542384	SSF x LoA	-9,96824535	-0,113	0,301
CHR3	24542385	CHR3:24542385	SSF x LoA	-8,74836458	-0,127	0,302
CHR3	24542390	CHR3:24542390	SSF x LoA	-9,31466686	-0,140	0,292
CHR3	24542415	CHR3:24542415	SSF x LoA	-8,72374207	0,087	0,293
CHR3	24551525	CHR3:24551525	SSF x LoA	-9,87069212	-0,010	0,295
CHR3	24551583	CHR3:24551583	SSF x LoA	-9,3967628	-0,014	0,292
CHR3	24554261	CHR3:24554261	SSF x LoA	-10,7200645	0,002	0,322
CHR3	24558077	CHR3:24558077	SSF x LoA	-9,86308086	-0,132	0,301
CHR3	24558105	CHR3:24558105	SSF x LoA	-9,96203102	-0,112	0,299
CHR3	24562701	CHR3:24562701	SSF x LoA	-11,3256244	-0,074	0,309
CHR3	24562749	CHR3:24562749	SSF x LoA	-10,3649891	0,104	0,302
CHR3	24563948	CHR3:24563948	SSF x LoA	-9,62394028	0,111	0,286
CHR3	24564071	CHR3:24564071	SSF x LoA	-7,49430571	0,103	0,297
CHR3	24564084	CHR3:24564084	SSF x LoA	-9,9243111	-0,021	0,304
CHR3	24564087	CHR3:24564087	SSF x LoA	-6,98288365	-0,176	0,287
CHR3	2456445	CHR3:2456445	SSF x LoA	-9,74121361	-0,023	0,298
CHR3	24575445	CHR3:24575445	SSF x LoA	-11,9498586	0,028	0,302
CHR3	24575470	CHR3:24575470	SSF x LoA	-8,69253751	0,125	0,297
CHR3	24575528	CHR3:24575528	SSF x LoA	-9,23159324	-0,041	0,298
CHR3	24575593	CHR3:24575593	SSF x LoA	-9,45799978	0,096	0,305
CHR3	24585541	CHR3:24585541	SSF x LoA	-8,60395466	-0,008	0,312
CHR3	24586843	CHR3:24586843	SSF x LoA	-8,58645031	-0,080	0,319
CHR3	24586844	CHR3:24586844	SSF x LoA	-8,7883037	-0,067	0,311
CHR3	24586848	CHR3:24586848	SSF x LoA	-9,64618358	-0,079	0,310
CHR3	24586850	CHR3:24586850	SSF x LoA	-10,1866524	-0,067	0,305
CHR3	24586851	CHR3:24586851	SSF x LoA	-9,67400384	-0,080	0,312
CHR3	24586852	CHR3:24586852	SSF x LoA	-10,6908905	-0,079	0,301
CHR3	24586897	CHR3:24586897	SSF x LoA	-8,86061594	0,025	0,294
CHR3	24586898	CHR3:24586898	SSF x LoA	-8,60557206	0,062	0,320
CHR3	24586957	CHR3:24586957	SSF x LoA	-7,67642588	0,098	0,304
CHR3	24586969	CHR3:24586969	SSF x LoA	-11,4863213	-0,010	0,304
CHR3	24590064	CHR3:24590064	SSF x LoA	-9,90753591	-0,086	0,278
CHR3	24590141	CHR3:24590141	SSF x LoA	-10,4995561	-0,010	0,302
CHR3	24591605	CHR3:24591605	SSF x LoA	-8,70302852	-0,059	0,307

CHR3	24594305	CHR3:24594305	SSF x LoA	-10,153744	0,038	0,307
CHR3	24594310	CHR3:24594310	SSF x LoA	-5,78380294	0,081	0,311
CHR3	24598196	CHR3:24598196	SSF x LoA	-8,94415164	0,023	0,300
CHR3	24610291	CHR3:24610291	SSF x LoA	-7,21456245	-0,045	0,317
CHR3	24616613	CHR3:24616613	SSF x LoA	-11,4318682	0,010	0,314
CHR3	24621713	CHR3:24621713	SSF x LoA	-8,07768999	-0,018	0,308
CHR3	24632513	CHR3:24632513	SSF x LoA	-6,56566759	-0,076	0,309
CHR3	24632527	CHR3:24632527	SSF x LoA	-8,06216422	0,032	0,293
CHR3	24632995	CHR3:24632995	SSF x LoA	-6,30252138	0,104	0,297
CHR3	24636578	CHR3:24636578	SSF x LoA	-9,45717835	0,050	0,313
CHR3	24642603	CHR3:24642603	SSF x LoA	-9,15861878	-0,039	0,305
CHR3	2465000	CHR3:2465000	SSF x LoA	-11,4171296	-0,021	0,310
CHR3	24650517	CHR3:24650517	SSF x LoA	-9,14811336	-0,095	0,286
CHR3	24650567	CHR3:24650567	SSF x LoA	-8,42155981	-0,153	0,294
CHR3	24650701	CHR3:24650701	SSF x LoA	-10,3535057	0,077	0,310
CHR3	2465146	CHR3:2465146	SSF x LoA	-10,3813357	0,030	0,308
CHR3	2465277	CHR3:2465277	SSF x LoA	-9,13075984	-0,067	0,299
CHR3	24656174	CHR3:24656174	SSF x LoA	-8,11826562	-0,022	0,300
CHR3	24656367	CHR3:24656367	SSF x LoA	-10,4163193	0,023	0,286
CHR3	24656385	CHR3:24656385	SSF x LoA	-8,7613756	-0,047	0,298
CHR3	24672219	CHR3:24672219	SSF x LoA	-5,38191121	-0,084	0,304
CHR3	24672225	CHR3:24672225	SSF x LoA	-8,09186691	-0,113	0,312
CHR3	24672261	CHR3:24672261	SSF x LoA	-7,55974579	-0,117	0,293
CHR3	24672273	CHR3:24672273	SSF x LoA	-5,20080678	-0,138	0,296
CHR3	24685039	CHR3:24685039	SSF x LoA	-7,5412374	0,096	0,328
CHR3	24685068	CHR3:24685068	SSF x LoA	-7,51945958	0,121	0,296
CHR3	24685093	CHR3:24685093	SSF x LoA	-5,93295155	0,157	0,309
CHR3	24685094	CHR3:24685094	SSF x LoA	-4,81983092	0,197	0,301
CHR3	24686731	CHR3:24686731	SSF x LoA	-7,46917421	-0,116	0,310
CHR3	24686743	CHR3:24686743	SSF x LoA	-8,65022206	-0,108	0,305
CHR3	24686747	CHR3:24686747	SSF x LoA	-5,99875876	-0,122	0,306
CHR3	24695924	CHR3:24695924	SSF x LoA	-8,29656893	-0,073	0,316
CHR3	24699523	CHR3:24699523	SSF x LoA	-10,8426467	0,009	0,313
CHR3	24700988	CHR3:24700988	SSF x LoA	-5,52836239	0,127	0,310
CHR3	2470307	CHR3:2470307	SSF x LoA	-10,3085515	-0,009	0,303
CHR3	2470360	CHR3:2470360	SSF x LoA	-10,0473514	-0,008	0,295
CHR3	2470383	CHR3:2470383	SSF x LoA	-11,0695791	0,056	0,302
CHR3	2470412	CHR3:2470412	SSF x LoA	-7,26087198	-0,106	0,303
CHR3	2470420	CHR3:2470420	SSF x LoA	-8,94202354	-0,106	0,281
CHR3	24713270	CHR3:24713270	SSF x LoA	-7,91158255	0,093	0,313
CHR3	24713289	CHR3:24713289	SSF x LoA	-9,29495171	-0,008	0,308
CHR3	24713316	CHR3:24713316	SSF x LoA	-10,4013386	-0,112	0,280
CHR3	24713321	CHR3:24713321	SSF x LoA	-6,60603452	0,105	0,301
CHR3	24717304	CHR3:24717304	SSF x LoA	-9,96011186	-0,009	0,316
CHR3	24717326	CHR3:24717326	SSF x LoA	-8,01059882	-0,098	0,309
CHR3	24717353	CHR3:24717353	SSF x LoA	-8,43894988	-0,017	0,308
CHR3	24717383	CHR3:24717383	SSF x LoA	-7,7837632	0,009	0,323
CHR3	24717969	CHR3:24717969	SSF x LoA	-8,64631437	0,060	0,311
CHR3	24717978	CHR3:24717978	SSF x LoA	-9,25488543	0,012	0,320
CHR3	24726992	CHR3:24726992	SSF x LoA	-9,5420462	-0,065	0,306
CHR3	24727052	CHR3:24727052	SSF x LoA	-9,30185683	0,090	0,317
CHR3	24727087	CHR3:24727087	SSF x LoA	-10,9182095	-0,061	0,312
CHR3	24727101	CHR3:24727101	SSF x LoA	-9,57210749	0,062	0,297

CHR3	24727117	CHR3:24727117	SSF x LoA	-7,97759212	0,068	0,293
CHR3	24727120	CHR3:24727120	SSF x LoA	-9,3761996	-0,031	0,312
CHR3	24727175	CHR3:24727175	SSF x LoA	-8,91545687	0,059	0,321
CHR3	24727181	CHR3:24727181	SSF x LoA	-3,37127155	0,061	0,308
CHR3	24727202	CHR3:24727202	SSF x LoA	-11,0046234	-0,038	0,308
CHR3	2474915	CHR3:2474915	SSF x LoA	-10,2459277	-0,039	0,319
CHR3	24783740	CHR3:24783740	SSF x LoA	-4,02973373	-0,050	0,294
CHR3	24784037	CHR3:24784037	SSF x LoA	3,03683834	-0,155	0,302
CHR3	24791166	CHR3:24791166	SSF x LoA	-8,29839023	-0,092	0,299
CHR3	24819676	CHR3:24819676	SSF x LoA	-9,08469064	0,032	0,320
CHR3	24819712	CHR3:24819712	SSF x LoA	-8,26638399	-0,062	0,310
CHR3	24819767	CHR3:24819767	SSF x LoA	-11,0963869	-0,021	0,305
CHR3	24830784	CHR3:24830784	SSF x LoA	-9,7742128	0,043	0,302
CHR3	24830819	CHR3:24830819	SSF x LoA	-10,954869	-0,008	0,305
CHR3	24831063	CHR3:24831063	SSF x LoA	-6,78296191	-0,105	0,314
CHR3	24835789	CHR3:24835789	SSF x LoA	-10,4922574	-0,052	0,314
CHR3	24840431	CHR3:24840431	SSF x LoA	-9,23971157	-0,050	0,298
CHR3	24840445	CHR3:24840445	SSF x LoA	-8,94026108	-0,051	0,312
CHR3	24840544	CHR3:24840544	SSF x LoA	-8,66924404	-0,062	0,318
CHR3	24851927	CHR3:24851927	SSF x LoA	-10,4359535	-0,050	0,283
CHR3	24851941	CHR3:24851941	SSF x LoA	-9,62133497	-0,015	0,294
CHR3	24852006	CHR3:24852006	SSF x LoA	-9,53250945	-0,053	0,291
CHR3	24852020	CHR3:24852020	SSF x LoA	-10,2551818	-0,022	0,290
CHR3	24852032	CHR3:24852032	SSF x LoA	-10,417891	-0,044	0,284
CHR3	24852059	CHR3:24852059	SSF x LoA	-9,33571059	-0,039	0,304
CHR3	24852107	CHR3:24852107	SSF x LoA	-11,7211005	0,017	0,301
CHR3	24852288	CHR3:24852288	SSF x LoA	-8,91537137	-0,054	0,291
CHR3	24853957	CHR3:24853957	SSF x LoA	-10,3684468	0,013	0,293
CHR3	24864957	CHR3:24864957	SSF x LoA	-2,01694305	0,040	0,319
CHR3	24899667	CHR3:24899667	SSF x LoA	6,00610074	0,057	0,308
CHR3	24899834	CHR3:24899834	SSF x LoA	-8,93925148	0,028	0,308
CHR3	24904418	CHR3:24904418	SSF x LoA	-8,09556323	-0,088	0,314
CHR3	24905160	CHR3:24905160	SSF x LoA	-10,1557189	0,020	0,311
CHR3	24905205	CHR3:24905205	SSF x LoA	-1,96234716	0,137	0,300
CHR3	24912347	CHR3:24912347	SSF x LoA	-8,50871719	0,018	0,325
CHR3	24912366	CHR3:24912366	SSF x LoA	-9,53236896	0,012	0,311
CHR3	24912389	CHR3:24912389	SSF x LoA	-9,39768563	-0,040	0,295
CHR3	24912493	CHR3:24912493	SSF x LoA	-9,53032777	0,048	0,312
CHR3	24925500	CHR3:24925500	SSF x LoA	-9,46540911	0,026	0,294
CHR3	24925517	CHR3:24925517	SSF x LoA	-10,1698204	0,078	0,297
CHR3	24925541	CHR3:24925541	SSF x LoA	-7,13347202	0,118	0,308
CHR3	24925586	CHR3:24925586	SSF x LoA	-9,19823371	-0,113	0,293
CHR3	24925619	CHR3:24925619	SSF x LoA	-9,60033058	0,014	0,300
CHR3	24925667	CHR3:24925667	SSF x LoA	-9,4108222	-0,085	0,306
CHR3	24925691	CHR3:24925691	SSF x LoA	-8,42481623	-0,154	0,303
CHR3	24945979	CHR3:24945979	SSF x LoA	-8,55656732	-0,021	0,314
CHR3	24948194	CHR3:24948194	SSF x LoA	-10,7972147	-0,011	0,306
CHR3	24948198	CHR3:24948198	SSF x LoA	-8,78072682	0,052	0,306
CHR3	24948227	CHR3:24948227	SSF x LoA	-9,21451566	0,032	0,323
CHR3	24948232	CHR3:24948232	SSF x LoA	-9,05673434	-0,137	0,295
CHR3	24948239	CHR3:24948239	SSF x LoA	-8,9288692	-0,021	0,297
CHR3	24949171	CHR3:24949171	SSF x LoA	-9,09615335	-0,137	0,309
CHR3	24949177	CHR3:24949177	SSF x LoA	-6,97231842	0,185	0,295

CHR3	24949251	CHR3:24949251	SSF x LoA	-9,2558499	-0,001	0,299
CHR3	24949261	CHR3:24949261	SSF x LoA	-4,79475571	0,211	0,289
CHR3	2495029	CHR3:2495029	SSF x LoA	-8,33837361	0,085	0,300
CHR3	24968675	CHR3:24968675	SSF x LoA	-9,08892567	-0,058	0,294
CHR3	24984203	CHR3:24984203	SSF x LoA	-9,64955861	0,036	0,303
CHR3	24984223	CHR3:24984223	SSF x LoA	-10,1025903	0,046	0,301
CHR3	24984256	CHR3:24984256	SSF x LoA	-7,34557539	0,047	0,312
CHR3	24985412	CHR3:24985412	SSF x LoA	-7,84118969	-0,124	0,304
CHR3	24988833	CHR3:24988833	SSF x LoA	-11,2316876	-0,065	0,307
CHR3	25008293	CHR3:25008293	SSF x LoA	-9,10337069	-0,014	0,306
CHR3	25016403	CHR3:25016403	SSF x LoA	-9,62517559	-0,031	0,307
CHR3	25018042	CHR3:25018042	SSF x LoA	-9,04007986	-0,007	0,298
CHR3	25018091	CHR3:25018091	SSF x LoA	-8,92780233	-0,099	0,308
CHR3	2504457	CHR3:2504457	SSF x LoA	-10,9401301	0,034	0,305
CHR3	25052121	CHR3:25052121	SSF x LoA	-11,7886868	0,047	0,306
CHR3	25059625	CHR3:25059625	SSF x LoA	-9,13649948	-0,007	0,300
CHR3	25059804	CHR3:25059804	SSF x LoA	-8,54104382	0,089	0,307
CHR3	25059825	CHR3:25059825	SSF x LoA	-3,80397271	0,100	0,305
CHR3	25073453	CHR3:25073453	SSF x LoA	-9,69041596	0,044	0,302
CHR3	25073460	CHR3:25073460	SSF x LoA	-7,87065136	-0,045	0,306
CHR3	25073537	CHR3:25073537	SSF x LoA	-10,5966753	0,049	0,298
CHR3	25073564	CHR3:25073564	SSF x LoA	-9,41170734	-0,017	0,312
CHR3	25073640	CHR3:25073640	SSF x LoA	-7,76270035	-0,088	0,320
CHR3	2507585	CHR3:2507585	SSF x LoA	-10,3464903	-0,002	0,306
CHR3	2507587	CHR3:2507587	SSF x LoA	-7,87478975	0,121	0,312
CHR3	2507623	CHR3:2507623	SSF x LoA	-10,6266908	-0,099	0,302
CHR3	2507845	CHR3:2507845	SSF x LoA	-9,2152444	-0,016	0,318
CHR3	250821	CHR3:250821	SSF x LoA	-4,58971601	-0,064	0,320
CHR3	25083301	CHR3:25083301	SSF x LoA	-9,00521321	-0,036	0,302
CHR3	25083333	CHR3:25083333	SSF x LoA	-8,13732848	0,001	0,311
CHR3	25083487	CHR3:25083487	SSF x LoA	0,54470459	0,148	0,299
CHR3	250837	CHR3:250837	SSF x LoA	-7,86853968	-0,099	0,306
CHR3	25084714	CHR3:25084714	SSF x LoA	-10,1183859	0,065	0,296
CHR3	25084728	CHR3:25084728	SSF x LoA	-9,02616123	-0,034	0,297
CHR3	25084860	CHR3:25084860	SSF x LoA	-9,20080499	0,015	0,302
CHR3	25084900	CHR3:25084900	SSF x LoA	-8,49485665	-0,047	0,305
CHR3	25097590	CHR3:25097590	SSF x LoA	-7,43303205	-0,172	0,302
CHR3	25097651	CHR3:25097651	SSF x LoA	3,22715678	-0,024	0,310
CHR3	25097695	CHR3:25097695	SSF x LoA	-7,38481918	-0,034	0,311
CHR3	25097711	CHR3:25097711	SSF x LoA	-6,40141517	0,098	0,303
CHR3	251048	CHR3:251048	SSF x LoA	-9,96409157	0,120	0,302
CHR3	25126572	CHR3:25126572	SSF x LoA	-11,3081658	0,108	0,288
CHR3	25143788	CHR3:25143788	SSF x LoA	-8,43409514	0,018	0,290
CHR3	25143959	CHR3:25143959	SSF x LoA	-9,01886979	-0,074	0,306
CHR3	2514783	CHR3:2514783	SSF x LoA	-7,97078521	0,057	0,306
CHR3	2514816	CHR3:2514816	SSF x LoA	-9,310018	-0,070	0,299
CHR3	25162387	CHR3:25162387	SSF x LoA	-4,05629804	-0,034	0,300
CHR3	25168073	CHR3:25168073	SSF x LoA	-8,81084111	-0,022	0,312
CHR3	25168190	CHR3:25168190	SSF x LoA	-4,84875268	-0,224	0,286
CHR3	25174763	CHR3:25174763	SSF x LoA	-9,78378422	0,062	0,310
CHR3	25176629	CHR3:25176629	SSF x LoA	-9,30407526	-0,005	0,306
CHR3	25182273	CHR3:25182273	SSF x LoA	-6,10667259	-0,047	0,324
CHR3	25184091	CHR3:25184091	SSF x LoA	-7,96297129	0,058	0,298

CHR3	25184138	CHR3:25184138	SSF x LoA	-9,22408397	0,060	0,301
CHR3	25194461	CHR3:25194461	SSF x LoA	-8,06147751	0,093	0,295
CHR3	25194463	CHR3:25194463	SSF x LoA	-10,4068602	0,065	0,302
CHR3	25194486	CHR3:25194486	SSF x LoA	-10,2957125	0,053	0,313
CHR3	25194521	CHR3:25194521	SSF x LoA	-10,9640202	-0,112	0,288
CHR3	2519932	CHR3:2519932	SSF x LoA	-7,39029092	0,059	0,313
CHR3	2520060	CHR3:2520060	SSF x LoA	20,1145505	0,131	0,301
CHR3	2520071	CHR3:2520071	SSF x LoA	-10,4534801	-0,172	0,297
CHR3	25201056	CHR3:25201056	SSF x LoA	-8,8095809	0,076	0,304
CHR3	2520113	CHR3:2520113	SSF x LoA	-5,00700045	-0,238	0,295
CHR3	25223865	CHR3:25223865	SSF x LoA	-9,22753563	0,083	0,306
CHR3	25223886	CHR3:25223886	SSF x LoA	-6,36919165	0,068	0,320
CHR3	25223899	CHR3:25223899	SSF x LoA	-9,20937299	0,089	0,311
CHR3	25223909	CHR3:25223909	SSF x LoA	-8,36493825	0,098	0,310
CHR3	25223947	CHR3:25223947	SSF x LoA	-9,38012078	0,078	0,311
CHR3	25223948	CHR3:25223948	SSF x LoA	-8,09244014	0,088	0,299
CHR3	25223960	CHR3:25223960	SSF x LoA	-7,36551614	-0,054	0,310
CHR3	25224043	CHR3:25224043	SSF x LoA	-9,48808782	-0,036	0,303
CHR3	25248842	CHR3:25248842	SSF x LoA	-11,6813864	-0,060	0,307
CHR3	25248847	CHR3:25248847	SSF x LoA	-11,1099701	-0,130	0,296
CHR3	25248941	CHR3:25248941	SSF x LoA	-9,2954097	-0,076	0,302
CHR3	25249016	CHR3:25249016	SSF x LoA	-4,24691106	0,123	0,310
CHR3	2524992	CHR3:2524992	SSF x LoA	-8,21930543	-0,014	0,312
CHR3	2525032	CHR3:2525032	SSF x LoA	-10,0911422	-0,082	0,318
CHR3	2525332	CHR3:2525332	SSF x LoA	-9,27204837	-0,036	0,314
CHR3	25254356	CHR3:25254356	SSF x LoA	-11,1135463	0,123	0,307
CHR3	25254498	CHR3:25254498	SSF x LoA	-5,66062284	-0,181	0,300
CHR3	25273817	CHR3:25273817	SSF x LoA	-4,81539918	0,106	0,300
CHR3	25282318	CHR3:25282318	SSF x LoA	-10,117782	-0,055	0,300
CHR3	25282326	CHR3:25282326	SSF x LoA	-10,3769548	0,135	0,305
CHR3	25284917	CHR3:25284917	SSF x LoA	-8,62438347	0,054	0,305
CHR3	25284996	CHR3:25284996	SSF x LoA	-7,32655054	0,116	0,298
CHR3	25285021	CHR3:25285021	SSF x LoA	-7,88667386	0,032	0,306
CHR3	25303817	CHR3:25303817	SSF x LoA	-8,97547226	0,046	0,298
CHR3	25303832	CHR3:25303832	SSF x LoA	-8,96987509	0,039	0,313
CHR3	25303876	CHR3:25303876	SSF x LoA	-7,98845597	0,075	0,308
CHR3	25303889	CHR3:25303889	SSF x LoA	-8,5640971	-0,012	0,307
CHR3	25303896	CHR3:25303896	SSF x LoA	-5,82259965	-0,009	0,310
CHR3	25310121	CHR3:25310121	SSF x LoA	-6,89951497	-0,159	0,283
CHR3	25310126	CHR3:25310126	SSF x LoA	-5,0267943	-0,141	0,287
CHR3	25310154	CHR3:25310154	SSF x LoA	-8,27709034	0,119	0,284
CHR3	25310155	CHR3:25310155	SSF x LoA	-7,8184799	-0,143	0,283
CHR3	25322387	CHR3:25322387	SSF x LoA	-11,5207013	0,043	0,301
CHR3	25322543	CHR3:25322543	SSF x LoA	-9,0189798	0,023	0,314
CHR3	25322562	CHR3:25322562	SSF x LoA	2,7224584	0,028	0,336
CHR3	25322587	CHR3:25322587	SSF x LoA	-7,63949744	0,161	0,305
CHR3	25324984	CHR3:25324984	SSF x LoA	-5,15768021	-0,165	0,289
CHR3	25326978	CHR3:25326978	SSF x LoA	-9,18948307	-0,123	0,306
CHR3	25331453	CHR3:25331453	SSF x LoA	-9,60002026	-0,022	0,301
CHR3	25331539	CHR3:25331539	SSF x LoA	-9,31320691	-0,070	0,302
CHR3	25331541	CHR3:25331541	SSF x LoA	-10,386444	0,006	0,309
CHR3	25335753	CHR3:25335753	SSF x LoA	-10,9781927	0,059	0,310
CHR3	25338002	CHR3:25338002	SSF x LoA	-9,89110009	0,134	0,304

CHR3	25342859	CHR3:25342859	SSF x LoA	-7,91371136	0,062	0,312
CHR3	25342863	CHR3:25342863	SSF x LoA	-11,118288	0,004	0,319
CHR3	25342889	CHR3:25342889	SSF x LoA	-9,00130518	-0,091	0,312
CHR3	25345934	CHR3:25345934	SSF x LoA	-6,8134337	-0,044	0,311
CHR3	25353716	CHR3:25353716	SSF x LoA	-10,670634	0,126	0,299
CHR3	25357524	CHR3:25357524	SSF x LoA	-2,31414221	-0,030	0,316
CHR3	25357532	CHR3:25357532	SSF x LoA	-7,98667614	-0,069	0,320
CHR3	25357573	CHR3:25357573	SSF x LoA	-9,73426527	0,007	0,304
CHR3	25357576	CHR3:25357576	SSF x LoA	-9,53651026	0,112	0,311
CHR3	25359183	CHR3:25359183	SSF x LoA	-9,222748	-0,011	0,311
CHR3	25360959	CHR3:25360959	SSF x LoA	-8,67990649	0,187	0,296
CHR3	25361007	CHR3:25361007	SSF x LoA	-8,85057423	0,035	0,301
CHR3	25365343	CHR3:25365343	SSF x LoA	-9,29402867	-0,093	0,296
CHR3	25365365	CHR3:25365365	SSF x LoA	-8,1022125	0,096	0,305
CHR3	25365397	CHR3:25365397	SSF x LoA	-9,88607129	-0,032	0,299
CHR3	25365409	CHR3:25365409	SSF x LoA	-11,5503863	-0,051	0,291
CHR3	25365410	CHR3:25365410	SSF x LoA	-10,9825551	-0,009	0,300
CHR3	25365423	CHR3:25365423	SSF x LoA	-7,44588718	0,108	0,305
CHR3	25365432	CHR3:25365432	SSF x LoA	-5,45618949	0,162	0,307
CHR3	25365446	CHR3:25365446	SSF x LoA	-5,00775948	-0,080	0,321
CHR3	25365733	CHR3:25365733	SSF x LoA	-10,1376834	0,046	0,308
CHR3	25365783	CHR3:25365783	SSF x LoA	-7,92623735	0,105	0,316
CHR3	25367119	CHR3:25367119	SSF x LoA	-10,8159759	-0,050	0,303
CHR3	25367133	CHR3:25367133	SSF x LoA	-11,1445854	-0,091	0,292
CHR3	2536936	CHR3:2536936	SSF x LoA	-10,8128038	-0,095	0,308
CHR3	2536959	CHR3:2536959	SSF x LoA	-8,45283954	-0,141	0,306
CHR3	2536976	CHR3:2536976	SSF x LoA	-10,4536837	0,008	0,312
CHR3	25370019	CHR3:25370019	SSF x LoA	-9,92058551	0,079	0,290
CHR3	2537013	CHR3:2537013	SSF x LoA	-11,5475038	-0,069	0,290
CHR3	2537025	CHR3:2537025	SSF x LoA	-8,7144271	0,030	0,302
CHR3	25370453	CHR3:25370453	SSF x LoA	-7,75788435	0,039	0,311
CHR3	25370545	CHR3:25370545	SSF x LoA	-7,082736	-0,055	0,304
CHR3	2537081	CHR3:2537081	SSF x LoA	-9,59687	-0,083	0,293
CHR3	25374564	CHR3:25374564	SSF x LoA	-10,0042063	0,085	0,313
CHR3	25374591	CHR3:25374591	SSF x LoA	-8,4137104	-0,061	0,312
CHR3	25374592	CHR3:25374592	SSF x LoA	-11,8013902	-0,018	0,306
CHR3	25374634	CHR3:25374634	SSF x LoA	-8,24570416	0,043	0,310
CHR3	25374662	CHR3:25374662	SSF x LoA	-7,35947518	0,062	0,314
CHR3	2538992	CHR3:2538992	SSF x LoA	-6,35333645	0,156	0,288
CHR3	25397972	CHR3:25397972	SSF x LoA	-7,42267479	-0,142	0,299
CHR3	25400759	CHR3:25400759	SSF x LoA	-8,17663453	-0,007	0,318
CHR3	25400760	CHR3:25400760	SSF x LoA	-9,66831224	-0,003	0,311
CHR3	25405107	CHR3:25405107	SSF x LoA	-8,50410995	-0,037	0,311
CHR3	25405138	CHR3:25405138	SSF x LoA	-7,6071548	-0,085	0,306
CHR3	25405142	CHR3:25405142	SSF x LoA	-10,480385	-0,012	0,324
CHR3	25408312	CHR3:25408312	SSF x LoA	-7,87589025	0,077	0,296
CHR3	25408426	CHR3:25408426	SSF x LoA	-8,12598024	0,037	0,305
CHR3	25408434	CHR3:25408434	SSF x LoA	-6,99818814	0,050	0,318
CHR3	25411545	CHR3:25411545	SSF x LoA	-10,058556	-0,015	0,302
CHR3	25411563	CHR3:25411563	SSF x LoA	-8,13482191	-0,075	0,314
CHR3	25411574	CHR3:25411574	SSF x LoA	-10,0699388	-0,031	0,306
CHR3	25411575	CHR3:25411575	SSF x LoA	-9,93350693	0,000	0,314
CHR3	25411646	CHR3:25411646	SSF x LoA	-8,53887866	-0,032	0,313

CHR3	25411655	CHR3:25411655	SSF x LoA	-10,0162122	0,082	0,310
CHR3	25411656	CHR3:25411656	SSF x LoA	-9,83663663	0,061	0,300
CHR3	25411672	CHR3:25411672	SSF x LoA	-10,4372064	-0,026	0,307
CHR3	25411681	CHR3:25411681	SSF x LoA	-10,4427257	0,078	0,307
CHR3	25411690	CHR3:25411690	SSF x LoA	-6,2198821	-0,054	0,300
CHR3	25411711	CHR3:25411711	SSF x LoA	-10,3621142	0,063	0,314
CHR3	25411733	CHR3:25411733	SSF x LoA	-6,28250604	0,091	0,317
CHR3	25411740	CHR3:25411740	SSF x LoA	-8,40772445	0,000	0,312
CHR3	25411744	CHR3:25411744	SSF x LoA	-8,03384685	-0,094	0,311
CHR3	2542500	CHR3:2542500	SSF x LoA	-11,3309683	0,008	0,300
CHR3	2542523	CHR3:2542523	SSF x LoA	-3,80154198	-0,145	0,306
CHR3	2542558	CHR3:2542558	SSF x LoA	-9,366078	-0,137	0,315
CHR3	2542561	CHR3:2542561	SSF x LoA	2,0877839	0,259	0,280
CHR3	2542611	CHR3:2542611	SSF x LoA	-8,85920992	-0,056	0,309
CHR3	25426188	CHR3:25426188	SSF x LoA	-10,2090042	0,030	0,302
CHR3	25426214	CHR3:25426214	SSF x LoA	-10,736638	0,019	0,298
CHR3	25426222	CHR3:25426222	SSF x LoA	-5,51260557	-0,129	0,303
CHR3	25426323	CHR3:25426323	SSF x LoA	-9,56193354	0,085	0,306
CHR3	25426338	CHR3:25426338	SSF x LoA	-9,15220268	0,154	0,310
CHR3	25426345	CHR3:25426345	SSF x LoA	-10,1588224	0,128	0,311
CHR3	25426346	CHR3:25426346	SSF x LoA	-7,52531735	0,130	0,307
CHR3	25426382	CHR3:25426382	SSF x LoA	-11,2406351	0,016	0,318
CHR3	25426388	CHR3:25426388	SSF x LoA	-7,87354508	0,027	0,303
CHR3	25441616	CHR3:25441616	SSF x LoA	-10,7976518	-0,008	0,312
CHR3	25445802	CHR3:25445802	SSF x LoA	-9,10156854	0,074	0,304
CHR3	25445808	CHR3:25445808	SSF x LoA	-10,3074868	0,064	0,306
CHR3	25445843	CHR3:25445843	SSF x LoA	-8,22342739	0,088	0,305
CHR3	25445848	CHR3:25445848	SSF x LoA	-8,00430827	0,057	0,294
CHR3	25446308	CHR3:25446308	SSF x LoA	-8,57549037	-0,032	0,307
CHR3	25446322	CHR3:25446322	SSF x LoA	-8,67713652	0,044	0,303
CHR3	25446402	CHR3:25446402	SSF x LoA	-7,89162639	0,022	0,307
CHR3	25450600	CHR3:25450600	SSF x LoA	-8,93964345	0,028	0,320
CHR3	25450772	CHR3:25450772	SSF x LoA	-10,4555093	-0,017	0,295
CHR3	25450773	CHR3:25450773	SSF x LoA	-10,5564663	0,042	0,304
CHR3	2545684	CHR3:2545684	SSF x LoA	-10,3568854	-0,052	0,297
CHR3	2545702	CHR3:2545702	SSF x LoA	-10,0481674	-0,123	0,306
CHR3	25457499	CHR3:25457499	SSF x LoA	-11,203294	0,046	0,303
CHR3	25457556	CHR3:25457556	SSF x LoA	-7,64955318	-0,061	0,298
CHR3	25457624	CHR3:25457624	SSF x LoA	-9,84034792	0,058	0,309
CHR3	25457723	CHR3:25457723	SSF x LoA	-6,50666367	-0,043	0,312
CHR3	2545773	CHR3:2545773	SSF x LoA	-11,984189	0,024	0,310
CHR3	25457769	CHR3:25457769	SSF x LoA	-7,40676803	-0,098	0,299
CHR3	2545805	CHR3:2545805	SSF x LoA	-9,65833406	0,005	0,314
CHR3	2545829	CHR3:2545829	SSF x LoA	-10,5767937	-0,007	0,292
CHR3	2545895	CHR3:2545895	SSF x LoA	-11,2584841	-0,031	0,304
CHR3	25462472	CHR3:25462472	SSF x LoA	-9,43705465	0,032	0,318
CHR3	25462473	CHR3:25462473	SSF x LoA	-11,1985288	0,102	0,297
CHR3	25462507	CHR3:25462507	SSF x LoA	-9,87235934	0,112	0,292
CHR3	25462644	CHR3:25462644	SSF x LoA	-3,61190335	-0,067	0,317
CHR3	25462768	CHR3:25462768	SSF x LoA	-7,70484696	0,031	0,291
CHR3	25472789	CHR3:25472789	SSF x LoA	-8,66742338	0,072	0,301
CHR3	25474564	CHR3:25474564	SSF x LoA	-8,7150289	0,060	0,301
CHR3	25474574	CHR3:25474574	SSF x LoA	-9,17497712	0,057	0,305

CHR3	25474673	CHR3:25474673	SSF x LoA	-11,3266982	-0,064	0,317
CHR3	25487369	CHR3:25487369	SSF x LoA	-8,92664487	-0,040	0,313
CHR3	25487385	CHR3:25487385	SSF x LoA	-9,21554242	-0,030	0,312
CHR3	25487386	CHR3:25487386	SSF x LoA	-7,73297842	-0,021	0,316
CHR3	25487387	CHR3:25487387	SSF x LoA	-10,1661732	-0,014	0,311
CHR3	25487446	CHR3:25487446	SSF x LoA	-9,54900867	0,009	0,292
CHR3	25487463	CHR3:25487463	SSF x LoA	-8,86674064	-0,070	0,311
CHR3	25487559	CHR3:25487559	SSF x LoA	-7,12853949	0,059	0,313
CHR3	25487580	CHR3:25487580	SSF x LoA	-6,68385716	0,081	0,296
CHR3	25492333	CHR3:25492333	SSF x LoA	-7,281227	0,172	0,304
CHR3	25494606	CHR3:25494606	SSF x LoA	-8,09815634	-0,106	0,305
CHR3	25497058	CHR3:25497058	SSF x LoA	-5,75572431	-0,001	0,293
CHR3	25497193	CHR3:25497193	SSF x LoA	-9,21484681	-0,036	0,308
CHR3	25497251	CHR3:25497251	SSF x LoA	-7,60277339	0,085	0,310
CHR3	25497260	CHR3:25497260	SSF x LoA	-7,99162479	0,119	0,304
CHR3	25499175	CHR3:25499175	SSF x LoA	-11,0400526	0,021	0,302
CHR3	25499178	CHR3:25499178	SSF x LoA	-7,52766122	-0,015	0,316
CHR3	25499436	CHR3:25499436	SSF x LoA	-6,5253127	-0,060	0,312
CHR3	25500549	CHR3:25500549	SSF x LoA	-11,1835358	-0,008	0,306
CHR3	25510131	CHR3:25510131	SSF x LoA	-8,42726718	-0,005	0,308
CHR3	25518733	CHR3:25518733	SSF x LoA	-1,92606753	0,027	0,323
CHR3	25520539	CHR3:25520539	SSF x LoA	-8,49927171	0,137	0,295
CHR3	25520678	CHR3:25520678	SSF x LoA	-6,06408586	0,160	0,302
CHR3	25539098	CHR3:25539098	SSF x LoA	-10,5072609	0,015	0,305
CHR3	25541020	CHR3:25541020	SSF x LoA	-10,2911097	-0,029	0,307
CHR3	25541159	CHR3:25541159	SSF x LoA	-9,57153103	-0,074	0,302
CHR3	25544187	CHR3:25544187	SSF x LoA	-6,16656638	0,136	0,318
CHR3	25544212	CHR3:25544212	SSF x LoA	-8,8973122	0,135	0,308
CHR3	25544221	CHR3:25544221	SSF x LoA	-2,89365295	0,160	0,289
CHR3	2554577	CHR3:2554577	SSF x LoA	-10,5286907	0,047	0,306
CHR3	25550909	CHR3:25550909	SSF x LoA	-10,2787467	0,051	0,311
CHR3	25550935	CHR3:25550935	SSF x LoA	-10,5476408	0,084	0,307
CHR3	25552834	CHR3:25552834	SSF x LoA	-8,23162916	0,051	0,288
CHR3	25555291	CHR3:25555291	SSF x LoA	-4,34110696	0,019	0,308
CHR3	25555292	CHR3:25555292	SSF x LoA	-9,24911265	0,004	0,312
CHR3	25555299	CHR3:25555299	SSF x LoA	-6,92822144	0,010	0,306
CHR3	25555353	CHR3:25555353	SSF x LoA	-10,736308	-0,023	0,302
CHR3	25555388	CHR3:25555388	SSF x LoA	-9,80482145	0,048	0,306
CHR3	25555464	CHR3:25555464	SSF x LoA	-9,86831556	-0,021	0,305
CHR3	25557426	CHR3:25557426	SSF x LoA	-10,6238628	0,018	0,307
CHR3	25557434	CHR3:25557434	SSF x LoA	-8,56225981	-0,127	0,287
CHR3	25560584	CHR3:25560584	SSF x LoA	-11,0058569	-0,001	0,313
CHR3	25565994	CHR3:25565994	SSF x LoA	-10,6838563	-0,063	0,323
CHR3	25576842	CHR3:25576842	SSF x LoA	-8,12836125	-0,052	0,310
CHR3	25584663	CHR3:25584663	SSF x LoA	-8,83837887	-0,071	0,301
CHR3	25592539	CHR3:25592539	SSF x LoA	-11,3987569	-0,041	0,304
CHR3	25592565	CHR3:25592565	SSF x LoA	-11,3965872	-0,040	0,301
CHR3	25592659	CHR3:25592659	SSF x LoA	-9,91801837	-0,083	0,313
CHR3	25592712	CHR3:25592712	SSF x LoA	-7,79720646	0,030	0,304
CHR3	25592797	CHR3:25592797	SSF x LoA	-8,57881094	0,004	0,306
CHR3	25602702	CHR3:25602702	SSF x LoA	-9,15412324	0,099	0,316
CHR3	25608071	CHR3:25608071	SSF x LoA	-7,24357174	0,096	0,315
CHR3	25608843	CHR3:25608843	SSF x LoA	4,21181397	0,180	0,299

CHR3	25608900	CHR3:25608900	SSF x LoA	-9,32499034	-0,076	0,309
CHR3	25615525	CHR3:25615525	SSF x LoA	-6,29450672	0,170	0,297
CHR3	25615536	CHR3:25615536	SSF x LoA	4,85932497	-0,058	0,304
CHR3	25615558	CHR3:25615558	SSF x LoA	-6,45573318	-0,088	0,316
CHR3	25617896	CHR3:25617896	SSF x LoA	-6,75789537	-0,024	0,313
CHR3	25625161	CHR3:25625161	SSF x LoA	-10,5293768	0,047	0,306
CHR3	25625221	CHR3:25625221	SSF x LoA	-5,09852779	0,010	0,312
CHR3	25625231	CHR3:25625231	SSF x LoA	-9,80028059	0,007	0,329
CHR3	25625238	CHR3:25625238	SSF x LoA	-9,79277671	0,020	0,309
CHR3	25626540	CHR3:25626540	SSF x LoA	-8,8263227	0,040	0,327
CHR3	25626578	CHR3:25626578	SSF x LoA	-10,1659703	-0,167	0,299
CHR3	25642407	CHR3:25642407	SSF x LoA	-4,67806542	-0,078	0,316
CHR3	25642454	CHR3:25642454	SSF x LoA	-4,98229114	0,059	0,304
CHR3	2564441	CHR3:2564441	SSF x LoA	-9,06309843	0,030	0,302
CHR3	25645252	CHR3:25645252	SSF x LoA	-8,58217538	-0,015	0,314
CHR3	25645274	CHR3:25645274	SSF x LoA	-9,21373154	0,048	0,311
CHR3	25646612	CHR3:25646612	SSF x LoA	-7,85675213	0,111	0,304
CHR3	25663917	CHR3:25663917	SSF x LoA	-8,27403497	-0,022	0,302
CHR3	25665315	CHR3:25665315	SSF x LoA	0,60874633	0,021	0,305
CHR3	25718922	CHR3:25718922	SSF x LoA	-11,3487603	-0,053	0,306
CHR3	25719019	CHR3:25719019	SSF x LoA	-9,62318413	0,040	0,304
CHR3	25736962	CHR3:25736962	SSF x LoA	-10,8021191	0,047	0,304
CHR3	25737001	CHR3:25737001	SSF x LoA	-9,06949891	0,008	0,306
CHR3	25744101	CHR3:25744101	SSF x LoA	-9,67553915	-0,028	0,301
CHR3	25746158	CHR3:25746158	SSF x LoA	-8,40634138	-0,103	0,309
CHR3	25746263	CHR3:25746263	SSF x LoA	-7,04410814	0,084	0,308
CHR3	25755964	CHR3:25755964	SSF x LoA	-8,70745872	0,021	0,315
CHR3	25771028	CHR3:25771028	SSF x LoA	-9,29383229	-0,022	0,316
CHR3	2577574	CHR3:2577574	SSF x LoA	-9,64715667	0,049	0,314
CHR3	25778577	CHR3:25778577	SSF x LoA	-7,92132814	-0,118	0,297
CHR3	25778655	CHR3:25778655	SSF x LoA	-10,1434394	-0,080	0,320
CHR3	25778664	CHR3:25778664	SSF x LoA	-7,63006199	-0,093	0,309
CHR3	25778703	CHR3:25778703	SSF x LoA	-11,3537745	0,055	0,315
CHR3	25782962	CHR3:25782962	SSF x LoA	-7,90600064	0,056	0,297
CHR3	25782980	CHR3:25782980	SSF x LoA	-10,0882865	-0,023	0,313
CHR3	25782993	CHR3:25782993	SSF x LoA	-11,3836088	0,054	0,298
CHR3	25783078	CHR3:25783078	SSF x LoA	-9,79803801	0,025	0,306
CHR3	25792385	CHR3:25792385	SSF x LoA	-10,5339043	-0,055	0,296
CHR3	25792423	CHR3:25792423	SSF x LoA	-9,08097574	-0,002	0,307
CHR3	25792587	CHR3:25792587	SSF x LoA	-9,50726084	-0,010	0,306
CHR3	25795121	CHR3:25795121	SSF x LoA	-6,12145905	0,200	0,295
CHR3	25795236	CHR3:25795236	SSF x LoA	-7,12049585	-0,199	0,306
CHR3	25795288	CHR3:25795288	SSF x LoA	-4,51022037	0,213	0,292
CHR3	25795299	CHR3:25795299	SSF x LoA	-7,62086225	-0,110	0,297
CHR3	25795309	CHR3:25795309	SSF x LoA	-8,80524764	-0,084	0,292
CHR3	25795322	CHR3:25795322	SSF x LoA	-11,2519849	0,029	0,310
CHR3	25795391	CHR3:25795391	SSF x LoA	-10,1138287	-0,094	0,306
CHR3	25804020	CHR3:25804020	SSF x LoA	-7,25216666	0,041	0,310
CHR3	2581321	CHR3:2581321	SSF x LoA	-11,5917484	-0,007	0,291
CHR3	2582723	CHR3:2582723	SSF x LoA	-11,5765651	0,018	0,306
CHR3	2582900	CHR3:2582900	SSF x LoA	-8,63972605	-0,039	0,313
CHR3	25835754	CHR3:25835754	SSF x LoA	-8,33852471	-0,039	0,300
CHR3	25835777	CHR3:25835777	SSF x LoA	-8,84223717	-0,074	0,301

CHR3	25835795	CHR3:25835795	SSF x LoA	-9,53645767	-0,031	0,311
CHR3	25835806	CHR3:25835806	SSF x LoA	-6,16469214	-0,184	0,294
CHR3	25835918	CHR3:25835918	SSF x LoA	-7,35395671	0,002	0,307
CHR3	25835920	CHR3:25835920	SSF x LoA	-7,319268	-0,064	0,298
CHR3	25835934	CHR3:25835934	SSF x LoA	-6,63417631	0,038	0,310
CHR3	25835955	CHR3:25835955	SSF x LoA	-8,14498556	0,055	0,299
CHR3	25835964	CHR3:25835964	SSF x LoA	-8,29237231	-0,088	0,296
CHR3	25835977	CHR3:25835977	SSF x LoA	-8,73912612	-0,082	0,303
CHR3	25846213	CHR3:25846213	SSF x LoA	-8,48336811	0,009	0,302
CHR3	25846214	CHR3:25846214	SSF x LoA	-10,4660879	-0,116	0,285
CHR3	25846220	CHR3:25846220	SSF x LoA	-9,05785698	0,028	0,299
CHR3	25847736	CHR3:25847736	SSF x LoA	-8,9216411	-0,021	0,308
CHR3	25847805	CHR3:25847805	SSF x LoA	-8,1104583	0,059	0,311
CHR3	25847824	CHR3:25847824	SSF x LoA	-9,32664307	0,051	0,316
CHR3	25847825	CHR3:25847825	SSF x LoA	-10,0355228	-0,047	0,306
CHR3	2584809	CHR3:2584809	SSF x LoA	-10,2053231	-0,004	0,312
CHR3	2584823	CHR3:2584823	SSF x LoA	-10,88096	-0,007	0,314
CHR3	2584824	CHR3:2584824	SSF x LoA	-9,92709304	0,018	0,332
CHR3	2584876	CHR3:2584876	SSF x LoA	-8,7412685	-0,012	0,318
CHR3	25854691	CHR3:25854691	SSF x LoA	-7,91244373	0,159	0,314
CHR3	25854695	CHR3:25854695	SSF x LoA	-9,46501101	0,101	0,308
CHR3	25856895	CHR3:25856895	SSF x LoA	-10,4324429	0,013	0,309
CHR3	25856896	CHR3:25856896	SSF x LoA	-6,94033976	0,021	0,299
CHR3	25878380	CHR3:25878380	SSF x LoA	-11,6442751	-0,011	0,311
CHR3	25890963	CHR3:25890963	SSF x LoA	-9,58704862	0,034	0,293
CHR3	25891099	CHR3:25891099	SSF x LoA	-8,53718016	0,035	0,311
CHR3	25895809	CHR3:25895809	SSF x LoA	-10,2724931	-0,040	0,300
CHR3	25896893	CHR3:25896893	SSF x LoA	-9,45173929	-0,053	0,300
CHR3	25901255	CHR3:25901255	SSF x LoA	-8,66508528	-0,139	0,289
CHR3	25908850	CHR3:25908850	SSF x LoA	-3,07315009	0,183	0,300
CHR3	25908853	CHR3:25908853	SSF x LoA	-8,6524214	-0,007	0,315
CHR3	25918564	CHR3:25918564	SSF x LoA	-9,89702834	-0,175	0,293
CHR3	25923287	CHR3:25923287	SSF x LoA	-8,75835874	-0,002	0,309
CHR3	25923288	CHR3:25923288	SSF x LoA	-9,45880977	-0,029	0,307
CHR3	2593061	CHR3:2593061	SSF x LoA	-9,17019113	0,017	0,302
CHR3	25939155	CHR3:25939155	SSF x LoA	-9,56420625	-0,078	0,301
CHR3	25939160	CHR3:25939160	SSF x LoA	-8,24345644	-0,074	0,326
CHR3	25942319	CHR3:25942319	SSF x LoA	-8,68096415	0,089	0,315
CHR3	25942440	CHR3:25942440	SSF x LoA	-9,77588679	0,067	0,300
CHR3	25942482	CHR3:25942482	SSF x LoA	-11,4518249	0,009	0,305
CHR3	25952159	CHR3:25952159	SSF x LoA	-9,42055752	-0,035	0,297
CHR3	25952185	CHR3:25952185	SSF x LoA	-7,47776862	-0,049	0,302
CHR3	25952195	CHR3:25952195	SSF x LoA	-7,69771993	-0,088	0,320
CHR3	25952281	CHR3:25952281	SSF x LoA	-9,62438168	0,018	0,308
CHR3	25956311	CHR3:25956311	SSF x LoA	-10,1468841	-0,014	0,310
CHR3	25956350	CHR3:25956350	SSF x LoA	-0,57880556	0,093	0,316
CHR3	25956365	CHR3:25956365	SSF x LoA	-9,54518742	0,100	0,313
CHR3	25959099	CHR3:25959099	SSF x LoA	-10,8511717	-0,033	0,291
CHR3	25959185	CHR3:25959185	SSF x LoA	-10,8780299	-0,052	0,299
CHR3	25959194	CHR3:25959194	SSF x LoA	-7,40559483	-0,096	0,318
CHR3	25962810	CHR3:25962810	SSF x LoA	-6,63514438	0,202	0,295
CHR3	25968366	CHR3:25968366	SSF x LoA	-9,03361551	-0,096	0,299
CHR3	25974620	CHR3:25974620	SSF x LoA	-8,52622232	-0,017	0,293

CHR3	25974732	CHR3:25974732	SSF x LoA	-9,08317096	0,012	0,306
CHR3	25974753	CHR3:25974753	SSF x LoA	-8,44053614	0,119	0,309
CHR3	25974775	CHR3:25974775	SSF x LoA	-9,66345538	0,014	0,311
CHR3	25974810	CHR3:25974810	SSF x LoA	-8,99349916	0,018	0,308
CHR3	25974843	CHR3:25974843	SSF x LoA	-12,2284482	0,030	0,307
CHR3	25974850	CHR3:25974850	SSF x LoA	-8,32988269	0,034	0,311
CHR3	25976609	CHR3:25976609	SSF x LoA	-2,95736253	-0,109	0,317
CHR3	25976671	CHR3:25976671	SSF x LoA	-9,10480363	0,039	0,297
CHR3	25976770	CHR3:25976770	SSF x LoA	-8,88630939	0,086	0,312
CHR3	25980279	CHR3:25980279	SSF x LoA	-11,2840754	-0,018	0,314
CHR3	25980291	CHR3:25980291	SSF x LoA	-11,0477238	-0,015	0,302
CHR3	25984229	CHR3:25984229	SSF x LoA	-9,78386195	-0,024	0,312
CHR3	25984236	CHR3:25984236	SSF x LoA	-9,84868406	-0,085	0,307
CHR3	25984345	CHR3:25984345	SSF x LoA	-10,8064635	-0,034	0,315
CHR3	25984440	CHR3:25984440	SSF x LoA	-7,31391642	-0,098	0,315
CHR3	25984469	CHR3:25984469	SSF x LoA	-11,2504273	-0,006	0,311
CHR3	25992542	CHR3:25992542	SSF x LoA	-11,3795733	0,027	0,306
CHR3	25992550	CHR3:25992550	SSF x LoA	-9,32818333	-0,003	0,317
CHR3	25992554	CHR3:25992554	SSF x LoA	-9,37606515	0,012	0,297
CHR3	25992560	CHR3:25992560	SSF x LoA	-7,96963632	-0,033	0,316
CHR3	25996742	CHR3:25996742	SSF x LoA	-10,6484337	0,028	0,319
CHR3	25996855	CHR3:25996855	SSF x LoA	-10,0938751	0,037	0,299
CHR3	25996951	CHR3:25996951	SSF x LoA	-10,110727	0,015	0,309
CHR3	25996962	CHR3:25996962	SSF x LoA	-4,2738147	0,102	0,300
CHR3	25996970	CHR3:25996970	SSF x LoA	-8,4073227	0,071	0,308
CHR3	25997000	CHR3:25997000	SSF x LoA	-11,1036728	0,003	0,318
CHR3	26033490	CHR3:26033490	SSF x LoA	-7,51705491	0,008	0,316
CHR3	26034188	CHR3:26034188	SSF x LoA	-9,14350365	-0,084	0,306
CHR3	26040778	CHR3:26040778	SSF x LoA	-8,69048441	-0,099	0,305
CHR3	2604098	CHR3:2604098	SSF x LoA	-12,5622118	0,064	0,302
CHR3	2604100	CHR3:2604100	SSF x LoA	-8,31984883	0,126	0,293
CHR3	2604122	CHR3:2604122	SSF x LoA	-9,68208682	0,002	0,323
CHR3	2604141	CHR3:2604141	SSF x LoA	-11,2752949	0,075	0,310
CHR3	2604146	CHR3:2604146	SSF x LoA	-9,23951221	0,091	0,308
CHR3	2604179	CHR3:2604179	SSF x LoA	-11,3956193	-0,065	0,300
CHR3	2604182	CHR3:2604182	SSF x LoA	-8,60715174	0,101	0,289
CHR3	26046169	CHR3:26046169	SSF x LoA	-3,18903326	0,185	0,303
CHR3	26046443	CHR3:26046443	SSF x LoA	-2,57418964	0,111	0,319
CHR3	26078983	CHR3:26078983	SSF x LoA	-10,6432676	0,035	0,310
CHR3	2608254	CHR3:2608254	SSF x LoA	-6,43559591	-0,102	0,315
CHR3	26084923	CHR3:26084923	SSF x LoA	-5,21977076	-0,014	0,316
CHR3	26084940	CHR3:26084940	SSF x LoA	-7,63188819	-0,005	0,303
CHR3	26084950	CHR3:26084950	SSF x LoA	-8,41372766	-0,027	0,324
CHR3	26093695	CHR3:26093695	SSF x LoA	-9,19922646	0,016	0,296
CHR3	26093703	CHR3:26093703	SSF x LoA	9,46312076	0,101	0,303
CHR3	26098468	CHR3:26098468	SSF x LoA	-3,25081351	0,140	0,313
CHR3	26098488	CHR3:26098488	SSF x LoA	-9,64284107	0,029	0,302
CHR3	26098509	CHR3:26098509	SSF x LoA	-9,31095191	-0,090	0,293
CHR3	26098546	CHR3:26098546	SSF x LoA	-9,10147896	-0,002	0,314
CHR3	26098558	CHR3:26098558	SSF x LoA	-6,96240892	0,082	0,315
CHR3	26098588	CHR3:26098588	SSF x LoA	-9,18898649	-0,013	0,315
CHR3	26098610	CHR3:26098610	SSF x LoA	-9,58731619	-0,055	0,315
CHR3	26098612	CHR3:26098612	SSF x LoA	-6,45379525	0,082	0,305

CHR3	26103466	CHR3:26103466	SSF x LoA	-9,01878316	-0,126	0,307
CHR3	26103553	CHR3:26103553	SSF x LoA	-6,93457514	0,041	0,308
CHR3	2611017	CHR3:2611017	SSF x LoA	-5,66384918	0,176	0,306
CHR3	2611119	CHR3:2611119	SSF x LoA	-8,6779281	0,163	0,302
CHR3	2611121	CHR3:2611121	SSF x LoA	-7,79215461	0,137	0,297
CHR3	2611123	CHR3:2611123	SSF x LoA	-6,54500162	0,154	0,314
CHR3	2611125	CHR3:2611125	SSF x LoA	-4,65683207	0,136	0,304
CHR3	2611134	CHR3:2611134	SSF x LoA	-6,93373009	-0,128	0,311
CHR3	26116028	CHR3:26116028	SSF x LoA	-10,7390799	-0,057	0,305
CHR3	26136649	CHR3:26136649	SSF x LoA	-9,96243849	0,074	0,314
CHR3	26136701	CHR3:26136701	SSF x LoA	-9,63728926	-0,034	0,300
CHR3	26136713	CHR3:26136713	SSF x LoA	-9,39688907	-0,009	0,296
CHR3	26136846	CHR3:26136846	SSF x LoA	-9,81832157	0,017	0,296
CHR3	26136928	CHR3:26136928	SSF x LoA	-10,2059463	0,007	0,318
CHR3	26143774	CHR3:26143774	SSF x LoA	-11,478053	0,086	0,299
CHR3	26143786	CHR3:26143786	SSF x LoA	-8,52487224	0,105	0,306
CHR3	26143799	CHR3:26143799	SSF x LoA	-11,3891439	0,087	0,308
CHR3	26143822	CHR3:26143822	SSF x LoA	-7,9631023	0,022	0,312
CHR3	26143828	CHR3:26143828	SSF x LoA	-12,1836159	0,080	0,305
CHR3	26143829	CHR3:26143829	SSF x LoA	-7,42589182	-0,003	0,311
CHR3	26143849	CHR3:26143849	SSF x LoA	-8,83874061	0,109	0,313
CHR3	26143896	CHR3:26143896	SSF x LoA	-8,62289133	0,038	0,294
CHR3	26145357	CHR3:26145357	SSF x LoA	-8,86769763	0,067	0,313
CHR3	26145364	CHR3:26145364	SSF x LoA	-8,4002513	0,039	0,304
CHR3	26145405	CHR3:26145405	SSF x LoA	-7,88107655	0,076	0,312
CHR3	2614651	CHR3:2614651	SSF x LoA	-8,93888438	0,121	0,313
CHR3	2614926	CHR3:2614926	SSF x LoA	-10,8605649	-0,040	0,297
CHR3	2615052	CHR3:2615052	SSF x LoA	-10,8319806	0,045	0,312
CHR3	26150912	CHR3:26150912	SSF x LoA	-9,17630745	0,052	0,290
CHR3	26150982	CHR3:26150982	SSF x LoA	-8,64835406	-0,047	0,311
CHR3	26154188	CHR3:26154188	SSF x LoA	-7,61470573	0,002	0,301
CHR3	26154196	CHR3:26154196	SSF x LoA	-2,51496135	0,009	0,315
CHR3	26154197	CHR3:26154197	SSF x LoA	-7,15384803	-0,014	0,310
CHR3	26154203	CHR3:26154203	SSF x LoA	-9,18131631	0,008	0,301
CHR3	26154218	CHR3:26154218	SSF x LoA	-8,17082593	-0,016	0,299
CHR3	26154259	CHR3:26154259	SSF x LoA	-9,8071064	0,086	0,296
CHR3	26154289	CHR3:26154289	SSF x LoA	-9,72600481	0,002	0,310
CHR3	26154297	CHR3:26154297	SSF x LoA	-8,80417214	-0,046	0,305
CHR3	26154355	CHR3:26154355	SSF x LoA	-9,42005476	-0,060	0,314
CHR3	26154391	CHR3:26154391	SSF x LoA	-10,2456369	-0,047	0,310
CHR3	26154395	CHR3:26154395	SSF x LoA	-9,01028522	-0,001	0,314
CHR3	26162904	CHR3:26162904	SSF x LoA	-7,773495	-0,088	0,319
CHR3	26163003	CHR3:26163003	SSF x LoA	-10,5716782	0,005	0,302
CHR3	26163028	CHR3:26163028	SSF x LoA	-8,66874364	-0,064	0,301
CHR3	26169403	CHR3:26169403	SSF x LoA	-10,9766496	-0,087	0,303
CHR3	26169407	CHR3:26169407	SSF x LoA	-9,45009893	0,135	0,298
CHR3	26169493	CHR3:26169493	SSF x LoA	-7,83824763	0,082	0,299
CHR3	26169500	CHR3:26169500	SSF x LoA	-9,92743336	0,118	0,312
CHR3	26176410	CHR3:26176410	SSF x LoA	-6,52281717	-0,191	0,301
CHR3	2618607	CHR3:2618607	SSF x LoA	-8,11355207	0,131	0,296
CHR3	26187578	CHR3:26187578	SSF x LoA	-11,3207362	-0,040	0,314
CHR3	26193447	CHR3:26193447	SSF x LoA	-8,94722858	0,026	0,325
CHR3	26193451	CHR3:26193451	SSF x LoA	-8,91239649	-0,050	0,310

CHR3	26193453	CHR3:26193453	SSF x LoA	-8,37135099	0,033	0,314
CHR3	26193454	CHR3:26193454	SSF x LoA	-7,76292267	0,037	0,317
CHR3	26193460	CHR3:26193460	SSF x LoA	-8,17607445	0,033	0,319
CHR3	26193461	CHR3:26193461	SSF x LoA	-9,02595807	0,043	0,309
CHR3	26193468	CHR3:26193468	SSF x LoA	-8,72829809	-0,190	0,311
CHR3	26193469	CHR3:26193469	SSF x LoA	-10,3910175	0,110	0,312
CHR3	26193478	CHR3:26193478	SSF x LoA	-9,96470017	0,026	0,318
CHR3	26193501	CHR3:26193501	SSF x LoA	-9,11934137	0,055	0,294
CHR3	26193521	CHR3:26193521	SSF x LoA	-10,0255117	0,048	0,311
CHR3	26193526	CHR3:26193526	SSF x LoA	-11,0493759	0,039	0,316
CHR3	26193527	CHR3:26193527	SSF x LoA	-9,88046219	0,057	0,309
CHR3	26193549	CHR3:26193549	SSF x LoA	-10,4077113	-0,128	0,298
CHR3	26193554	CHR3:26193554	SSF x LoA	-8,39568541	0,100	0,324
CHR3	26193565	CHR3:26193565	SSF x LoA	-9,37196732	-0,045	0,305
CHR3	26193665	CHR3:26193665	SSF x LoA	-9,20719284	0,091	0,304
CHR3	26193718	CHR3:26193718	SSF x LoA	-10,892138	0,053	0,300
CHR3	26198193	CHR3:26198193	SSF x LoA	-9,35783984	-0,079	0,306
CHR3	26198227	CHR3:26198227	SSF x LoA	-0,47137203	0,053	0,319
CHR3	26227066	CHR3:26227066	SSF x LoA	-11,1823236	0,078	0,301
CHR3	2623932	CHR3:2623932	SSF x LoA	-7,25115388	-0,127	0,305
CHR3	2624018	CHR3:2624018	SSF x LoA	-9,08872721	-0,097	0,319
CHR3	26240200	CHR3:26240200	SSF x LoA	-8,60671001	-0,054	0,295
CHR3	26240374	CHR3:26240374	SSF x LoA	-8,10905804	0,081	0,313
CHR3	26240436	CHR3:26240436	SSF x LoA	-7,88579618	-0,126	0,300
CHR3	26249124	CHR3:26249124	SSF x LoA	-6,21070102	0,130	0,298
CHR3	26249172	CHR3:26249172	SSF x LoA	-5,5882462	-0,051	0,302
CHR3	2626881	CHR3:2626881	SSF x LoA	-6,98262104	-0,062	0,310
CHR3	2626895	CHR3:2626895	SSF x LoA	-6,233467	-0,007	0,313
CHR3	26272258	CHR3:26272258	SSF x LoA	-11,3094685	-0,063	0,303
CHR3	26272260	CHR3:26272260	SSF x LoA	-9,40147227	-0,026	0,299
CHR3	26280711	CHR3:26280711	SSF x LoA	-8,00450415	-0,200	0,301
CHR3	26282738	CHR3:26282738	SSF x LoA	-6,32225569	-0,194	0,300
CHR3	26298323	CHR3:26298323	SSF x LoA	-10,0124492	0,003	0,301
CHR3	26300564	CHR3:26300564	SSF x LoA	0,898674	0,002	0,302
CHR3	26300738	CHR3:26300738	SSF x LoA	-9,44572003	-0,013	0,314
CHR3	2632365	CHR3:2632365	SSF x LoA	-9,47490861	-0,021	0,320
CHR3	2632374	CHR3:2632374	SSF x LoA	-7,79312583	0,090	0,289
CHR3	2632441	CHR3:2632441	SSF x LoA	-8,28776671	-0,105	0,302
CHR3	2632487	CHR3:2632487	SSF x LoA	-11,2309494	-0,004	0,315
CHR3	2632533	CHR3:2632533	SSF x LoA	-11,1492823	0,047	0,300
CHR3	26334556	CHR3:26334556	SSF x LoA	-11,2783277	0,092	0,305
CHR3	26334624	CHR3:26334624	SSF x LoA	-10,7977828	-0,072	0,302
CHR3	26334662	CHR3:26334662	SSF x LoA	-8,95751003	0,101	0,304
CHR3	26334704	CHR3:26334704	SSF x LoA	-9,41324234	0,041	0,308
CHR3	26334738	CHR3:26334738	SSF x LoA	-8,15754118	0,075	0,297
CHR3	26347742	CHR3:26347742	SSF x LoA	-6,95297375	0,106	0,300
CHR3	26347785	CHR3:26347785	SSF x LoA	-8,79351721	-0,096	0,301
CHR3	26347792	CHR3:26347792	SSF x LoA	-9,64956888	-0,058	0,295
CHR3	26354603	CHR3:26354603	SSF x LoA	-10,5212644	-0,027	0,299
CHR3	26354611	CHR3:26354611	SSF x LoA	-11,3476721	0,064	0,301
CHR3	26361466	CHR3:26361466	SSF x LoA	-9,54439463	0,082	0,312
CHR3	26361517	CHR3:26361517	SSF x LoA	-7,74425098	-0,056	0,306
CHR3	26361551	CHR3:26361551	SSF x LoA	-7,45669188	0,106	0,311

CHR3	2636414	CHR3:2636414	SSF x LoA	-10,0175874	0,154	0,303
CHR3	2636452	CHR3:2636452	SSF x LoA	-11,0082136	-0,055	0,294
CHR3	2636692	CHR3:2636692	SSF x LoA	-11,5764803	-0,016	0,303
CHR3	26378868	CHR3:26378868	SSF x LoA	-5,5477205	-0,077	0,303
CHR3	26378901	CHR3:26378901	SSF x LoA	-9,23452108	0,163	0,303
CHR3	26378932	CHR3:26378932	SSF x LoA	-10,5712768	0,034	0,317
CHR3	26378964	CHR3:26378964	SSF x LoA	-11,2409949	0,033	0,323
CHR3	26380323	CHR3:26380323	SSF x LoA	-9,04144592	-0,017	0,299
CHR3	26391793	CHR3:26391793	SSF x LoA	-9,38791585	0,046	0,314
CHR3	26392317	CHR3:26392317	SSF x LoA	-9,98535112	0,009	0,311
CHR3	26392393	CHR3:26392393	SSF x LoA	-11,1181883	-0,029	0,313
CHR3	26401359	CHR3:26401359	SSF x LoA	-8,93117981	-0,002	0,303
CHR3	26401387	CHR3:26401387	SSF x LoA	-4,80165546	0,018	0,315
CHR3	26401462	CHR3:26401462	SSF x LoA	-8,49820652	0,052	0,313
CHR3	26401544	CHR3:26401544	SSF x LoA	-8,76750292	-0,035	0,296
CHR3	26401552	CHR3:26401552	SSF x LoA	-12,0794424	0,002	0,319
CHR3	26404324	CHR3:26404324	SSF x LoA	-10,3019031	-0,002	0,305
CHR3	26406525	CHR3:26406525	SSF x LoA	-8,44091194	0,094	0,307
CHR3	26407705	CHR3:26407705	SSF x LoA	-9,95953922	-0,086	0,320
CHR3	26409715	CHR3:26409715	SSF x LoA	-9,67447446	-0,096	0,299
CHR3	26409826	CHR3:26409826	SSF x LoA	-7,41638886	0,053	0,306
CHR3	26409911	CHR3:26409911	SSF x LoA	-9,16175796	-0,043	0,318
CHR3	26411403	CHR3:26411403	SSF x LoA	-11,03067	-0,065	0,308
CHR3	26411430	CHR3:26411430	SSF x LoA	-10,9945847	-0,073	0,321
CHR3	26412640	CHR3:26412640	SSF x LoA	-7,50668713	-0,090	0,310
CHR3	26412653	CHR3:26412653	SSF x LoA	1,36957529	-0,091	0,305
CHR3	26412700	CHR3:26412700	SSF x LoA	-9,56870278	-0,031	0,309
CHR3	26445415	CHR3:26445415	SSF x LoA	-9,49942035	0,054	0,304
CHR3	26445487	CHR3:26445487	SSF x LoA	-6,98700201	0,006	0,308
CHR3	26448859	CHR3:26448859	SSF x LoA	-9,46481736	-0,061	0,309
CHR3	26450255	CHR3:26450255	SSF x LoA	-8,34194246	-0,143	0,305
CHR3	26452631	CHR3:26452631	SSF x LoA	-10,3589143	-0,027	0,305
CHR3	26452650	CHR3:26452650	SSF x LoA	-8,18199199	0,076	0,308
CHR3	26457170	CHR3:26457170	SSF x LoA	-4,02808273	0,174	0,311
CHR3	26460945	CHR3:26460945	SSF x LoA	-10,1357477	-0,112	0,318
CHR3	26460990	CHR3:26460990	SSF x LoA	-9,57636338	0,053	0,308
CHR3	26461078	CHR3:26461078	SSF x LoA	-7,7849838	-0,139	0,307
CHR3	26461106	CHR3:26461106	SSF x LoA	-8,60110933	0,038	0,283
CHR3	26463130	CHR3:26463130	SSF x LoA	-10,8168107	0,024	0,293
CHR3	26463190	CHR3:26463190	SSF x LoA	-11,3252507	-0,111	0,291
CHR3	26469025	CHR3:26469025	SSF x LoA	-11,1037966	-0,018	0,304
CHR3	26469058	CHR3:26469058	SSF x LoA	-9,46648063	-0,002	0,308
CHR3	2647678	CHR3:2647678	SSF x LoA	-9,95375471	0,007	0,313
CHR3	26479038	CHR3:26479038	SSF x LoA	-9,35997513	-0,057	0,295
CHR3	26485060	CHR3:26485060	SSF x LoA	-9,41880613	0,030	0,330
CHR3	26485160	CHR3:26485160	SSF x LoA	-7,73113402	-0,039	0,314
CHR3	26492085	CHR3:26492085	SSF x LoA	-10,1892513	0,133	0,310
CHR3	26492122	CHR3:26492122	SSF x LoA	-9,48885551	0,033	0,321
CHR3	2650925	CHR3:2650925	SSF x LoA	-10,7926978	0,098	0,309
CHR3	2650983	CHR3:2650983	SSF x LoA	-7,8057767	-0,054	0,316
CHR3	26548239	CHR3:26548239	SSF x LoA	-10,3801124	-0,089	0,310
CHR3	26555470	CHR3:26555470	SSF x LoA	-10,6570588	-0,003	0,298
CHR3	2658855	CHR3:2658855	SSF x LoA	-9,6343116	0,057	0,306

CHR3	2658876	CHR3:2658876	SSF x LoA	-8,54962409	0,129	0,301
CHR3	2658886	CHR3:2658886	SSF x LoA	-9,96261535	0,010	0,306
CHR3	2660464	CHR3:2660464	SSF x LoA	-11,713929	-0,053	0,300
CHR3	2660559	CHR3:2660559	SSF x LoA	-8,83297162	0,118	0,312
CHR3	2663210	CHR3:2663210	SSF x LoA	-6,57509262	-0,054	0,303
CHR3	2663274	CHR3:2663274	SSF x LoA	-8,57750997	-0,020	0,315
CHR3	2663353	CHR3:2663353	SSF x LoA	-9,52127918	0,132	0,299
CHR3	2663358	CHR3:2663358	SSF x LoA	-6,71288438	-0,183	0,301
CHR3	26642668	CHR3:26642668	SSF x LoA	-10,0113664	0,021	0,302
CHR3	2664630	CHR3:2664630	SSF x LoA	-8,37838455	0,137	0,302
CHR3	2664652	CHR3:2664652	SSF x LoA	-11,6262804	-0,007	0,303
CHR3	2664676	CHR3:2664676	SSF x LoA	-7,11299466	-0,061	0,303
CHR3	2665408	CHR3:2665408	SSF x LoA	-8,16686896	0,055	0,308
CHR3	26699807	CHR3:26699807	SSF x LoA	-8,05381104	-0,071	0,299
CHR3	2670059	CHR3:2670059	SSF x LoA	-8,56525436	-0,004	0,319
CHR3	2670079	CHR3:2670079	SSF x LoA	-9,52350719	-0,049	0,300
CHR3	2670106	CHR3:2670106	SSF x LoA	-10,0264282	-0,019	0,297
CHR3	26702669	CHR3:26702669	SSF x LoA	-8,83671411	0,087	0,306
CHR3	2670268	CHR3:2670268	SSF x LoA	-10,2307753	0,039	0,299
CHR3	26702801	CHR3:26702801	SSF x LoA	-8,92325605	-0,013	0,299
CHR3	26718404	CHR3:26718404	SSF x LoA	-9,29659312	-0,110	0,305
CHR3	26723210	CHR3:26723210	SSF x LoA	-6,05143978	0,115	0,302
CHR3	26729634	CHR3:26729634	SSF x LoA	-9,82152589	-0,008	0,320
CHR3	26736140	CHR3:26736140	SSF x LoA	-8,12091685	0,092	0,311
CHR3	26736142	CHR3:26736142	SSF x LoA	-6,92159586	0,140	0,293
CHR3	26743504	CHR3:26743504	SSF x LoA	-10,8312766	0,014	0,299
CHR3	26743528	CHR3:26743528	SSF x LoA	-8,51918703	0,039	0,326
CHR3	26743543	CHR3:26743543	SSF x LoA	-10,9847595	-0,015	0,306
CHR3	26743577	CHR3:26743577	SSF x LoA	-8,80291066	-0,015	0,321
CHR3	26743626	CHR3:26743626	SSF x LoA	-6,53899453	-0,015	0,292
CHR3	26758835	CHR3:26758835	SSF x LoA	-11,0135157	-0,001	0,311
CHR3	2680005	CHR3:2680005	SSF x LoA	-8,84813077	0,158	0,294
CHR3	2680809	CHR3:2680809	SSF x LoA	-10,9555956	-0,013	0,291
CHR3	2680812	CHR3:2680812	SSF x LoA	-8,48221746	-0,113	0,304
CHR3	2680835	CHR3:2680835	SSF x LoA	-9,35482171	0,066	0,307
CHR3	26808841	CHR3:26808841	SSF x LoA	-11,2673759	-0,015	0,299
CHR3	26808887	CHR3:26808887	SSF x LoA	-11,7164027	0,001	0,322
CHR3	26827934	CHR3:26827934	SSF x LoA	-10,0806033	-0,030	0,317
CHR3	26840065	CHR3:26840065	SSF x LoA	-6,50542784	-0,071	0,319
CHR3	26852618	CHR3:26852618	SSF x LoA	-10,2148473	0,090	0,308
CHR3	26866898	CHR3:26866898	SSF x LoA	-9,0018876	0,016	0,312
CHR3	26934987	CHR3:26934987	SSF x LoA	-9,11363271	0,039	0,312
CHR3	26941575	CHR3:26941575	SSF x LoA	-6,97999889	-0,065	0,296
CHR3	26953011	CHR3:26953011	SSF x LoA	-9,0474513	0,118	0,308
CHR3	26968016	CHR3:26968016	SSF x LoA	-11,4031404	-0,096	0,310
CHR3	26968059	CHR3:26968059	SSF x LoA	-9,09795753	-0,141	0,288
CHR3	26968075	CHR3:26968075	SSF x LoA	-7,45880293	0,053	0,305
CHR3	26969449	CHR3:26969449	SSF x LoA	-10,1192673	-0,103	0,285
CHR3	26969450	CHR3:26969450	SSF x LoA	-10,693634	0,070	0,294
CHR3	26974200	CHR3:26974200	SSF x LoA	-9,71631382	-0,030	0,318
CHR3	26980190	CHR3:26980190	SSF x LoA	-7,97706097	-0,033	0,310
CHR3	26980252	CHR3:26980252	SSF x LoA	-10,5772604	-0,064	0,297
CHR3	26980253	CHR3:26980253	SSF x LoA	-9,50105714	0,021	0,306

CHR3	26988907	CHR3:26988907	SSF x LoA	-10,0579291	-0,060	0,295
CHR3	26991917	CHR3:26991917	SSF x LoA	-8,33080613	-0,050	0,292
CHR3	26991935	CHR3:26991935	SSF x LoA	-8,99814293	-0,060	0,309
CHR3	26991987	CHR3:26991987	SSF x LoA	-11,2734187	-0,002	0,305
CHR3	26992001	CHR3:26992001	SSF x LoA	-9,0861477	0,013	0,312
CHR3	26992004	CHR3:26992004	SSF x LoA	-9,01231598	0,009	0,317
CHR3	26992008	CHR3:26992008	SSF x LoA	-8,05016227	0,060	0,311
CHR3	26992009	CHR3:26992009	SSF x LoA	-3,47277262	-0,010	0,310
CHR3	27000116	CHR3:27000116	SSF x LoA	-9,29575542	-0,121	0,309
CHR3	2701390	CHR3:2701390	SSF x LoA	-8,70227753	0,040	0,302
CHR3	2701396	CHR3:2701396	SSF x LoA	-10,4932564	-0,085	0,304
CHR3	2701400	CHR3:2701400	SSF x LoA	-8,11063595	0,056	0,324
CHR3	2701481	CHR3:2701481	SSF x LoA	-9,06610318	0,100	0,301
CHR3	2701490	CHR3:2701490	SSF x LoA	-7,80635038	0,023	0,302
CHR3	2701751	CHR3:2701751	SSF x LoA	-10,0483579	0,091	0,303
CHR3	2701753	CHR3:2701753	SSF x LoA	-11,3865846	0,020	0,298
CHR3	27023169	CHR3:27023169	SSF x LoA	-9,13113539	-0,065	0,318
CHR3	27043692	CHR3:27043692	SSF x LoA	-8,12166862	-0,035	0,314
CHR3	27043719	CHR3:27043719	SSF x LoA	-8,89698395	0,054	0,299
CHR3	27043757	CHR3:27043757	SSF x LoA	-8,09578521	-0,062	0,315
CHR3	27043787	CHR3:27043787	SSF x LoA	-7,83695373	-0,057	0,302
CHR3	27043836	CHR3:27043836	SSF x LoA	-7,76509163	-0,010	0,314
CHR3	27043842	CHR3:27043842	SSF x LoA	-8,6608412	-0,074	0,303
CHR3	27043847	CHR3:27043847	SSF x LoA	-8,69619637	0,015	0,312
CHR3	27044018	CHR3:27044018	SSF x LoA	-10,4907672	0,107	0,301
CHR3	27044026	CHR3:27044026	SSF x LoA	-8,52044255	0,039	0,325
CHR3	27066533	CHR3:27066533	SSF x LoA	-10,0412717	-0,014	0,319
CHR3	27066538	CHR3:27066538	SSF x LoA	-10,0889722	-0,047	0,307
CHR3	27066555	CHR3:27066555	SSF x LoA	-7,00844481	0,012	0,307
CHR3	27066754	CHR3:27066754	SSF x LoA	-6,86998892	-0,063	0,302
CHR3	27075110	CHR3:27075110	SSF x LoA	-7,8301314	0,038	0,301
CHR3	27075138	CHR3:27075138	SSF x LoA	-9,31450953	0,071	0,292
CHR3	27079773	CHR3:27079773	SSF x LoA	-10,1317463	-0,033	0,300
CHR3	27079795	CHR3:27079795	SSF x LoA	-11,2380488	-0,007	0,308
CHR3	27079984	CHR3:27079984	SSF x LoA	-8,49474929	-0,161	0,303
CHR3	2708029	CHR3:2708029	SSF x LoA	-9,7246905	0,046	0,310
CHR3	2708271	CHR3:2708271	SSF x LoA	-8,92211179	0,012	0,320
CHR3	2708291	CHR3:2708291	SSF x LoA	-9,02807118	0,062	0,309
CHR3	27097355	CHR3:27097355	SSF x LoA	-8,81503854	-0,153	0,302
CHR3	27097370	CHR3:27097370	SSF x LoA	-9,9149788	-0,180	0,299
CHR3	27121927	CHR3:27121927	SSF x LoA	-10,264585	0,021	0,298
CHR3	27124846	CHR3:27124846	SSF x LoA	-8,01659041	-0,072	0,297
CHR3	27124915	CHR3:27124915	SSF x LoA	-10,4892542	0,086	0,302
CHR3	27127677	CHR3:27127677	SSF x LoA	-9,60385618	-0,043	0,284
CHR3	27140017	CHR3:27140017	SSF x LoA	-9,28418471	0,090	0,304
CHR3	27140029	CHR3:27140029	SSF x LoA	-8,54006876	0,022	0,313
CHR3	27142398	CHR3:27142398	SSF x LoA	-10,614625	0,127	0,305
CHR3	27142415	CHR3:27142415	SSF x LoA	-9,18488291	0,109	0,293
CHR3	27148059	CHR3:27148059	SSF x LoA	-7,29200758	-0,022	0,310
CHR3	27148180	CHR3:27148180	SSF x LoA	-10,8058005	-0,104	0,310
CHR3	27148257	CHR3:27148257	SSF x LoA	-8,89140512	-0,034	0,308
CHR3	27162473	CHR3:27162473	SSF x LoA	-10,4443841	-0,048	0,300
CHR3	27162600	CHR3:27162600	SSF x LoA	-9,96626038	-0,076	0,308

CHR3	27162649	CHR3:27162649	SSF x LoA	-11,8017129	-0,097	0,296
CHR3	27162658	CHR3:27162658	SSF x LoA	-11,4744695	0,022	0,315
CHR3	27162742	CHR3:27162742	SSF x LoA	-4,72871468	-0,168	0,283
CHR3	27166904	CHR3:27166904	SSF x LoA	-6,28569886	0,057	0,312
CHR3	27166905	CHR3:27166905	SSF x LoA	-7,18215404	0,113	0,319
CHR3	27166913	CHR3:27166913	SSF x LoA	-9,84930695	-0,071	0,312
CHR3	27166941	CHR3:27166941	SSF x LoA	-12,0975562	-0,038	0,312
CHR3	27166950	CHR3:27166950	SSF x LoA	-8,26384572	0,038	0,311
CHR3	27214463	CHR3:27214463	SSF x LoA	-8,00222621	-0,019	0,316
CHR3	27214477	CHR3:27214477	SSF x LoA	-8,75009746	0,029	0,306
CHR3	2721463	CHR3:2721463	SSF x LoA	-6,5253477	0,048	0,296
CHR3	27216799	CHR3:27216799	SSF x LoA	-9,93999633	-0,033	0,302
CHR3	27216835	CHR3:27216835	SSF x LoA	-5,95835502	-0,174	0,304
CHR3	27216978	CHR3:27216978	SSF x LoA	-5,35057968	0,197	0,294
CHR3	27217011	CHR3:27217011	SSF x LoA	-12,3773202	0,033	0,304
CHR3	27222456	CHR3:27222456	SSF x LoA	-10,958717	-0,045	0,298
CHR3	27222457	CHR3:27222457	SSF x LoA	-10,3837345	-0,025	0,308
CHR3	27228709	CHR3:27228709	SSF x LoA	-10,0906704	0,137	0,297
CHR3	27228726	CHR3:27228726	SSF x LoA	-7,34905048	0,072	0,310
CHR3	27228799	CHR3:27228799	SSF x LoA	-9,16891012	0,017	0,305
CHR3	27235240	CHR3:27235240	SSF x LoA	-7,03482599	0,019	0,312
CHR3	27235250	CHR3:27235250	SSF x LoA	-10,7903757	0,046	0,284
CHR3	27246625	CHR3:27246625	SSF x LoA	-7,6050516	0,005	0,304
CHR3	27246672	CHR3:27246672	SSF x LoA	-7,61380116	0,003	0,304
CHR3	27246696	CHR3:27246696	SSF x LoA	-9,33855712	-0,009	0,309
CHR3	27246728	CHR3:27246728	SSF x LoA	-8,42147645	0,025	0,315
CHR3	27246798	CHR3:27246798	SSF x LoA	-8,78158819	-0,041	0,315
CHR3	27256584	CHR3:27256584	SSF x LoA	-8,52913323	0,069	0,308
CHR3	27256738	CHR3:27256738	SSF x LoA	-9,48019128	0,053	0,306
CHR3	27256768	CHR3:27256768	SSF x LoA	-9,19996968	0,020	0,306
CHR3	27266782	CHR3:27266782	SSF x LoA	-8,84534236	-0,049	0,322
CHR3	27266816	CHR3:27266816	SSF x LoA	-8,52300463	-0,054	0,291
CHR3	27266834	CHR3:27266834	SSF x LoA	-10,245698	0,019	0,291
CHR3	27267578	CHR3:27267578	SSF x LoA	-11,3702268	0,012	0,310
CHR3	2726837	CHR3:2726837	SSF x LoA	-4,04478928	0,121	0,282
CHR3	27277149	CHR3:27277149	SSF x LoA	-7,87804039	-0,038	0,322
CHR3	27277251	CHR3:27277251	SSF x LoA	-7,05111168	-0,053	0,322
CHR3	27277280	CHR3:27277280	SSF x LoA	-8,57144089	0,087	0,307
CHR3	27284819	CHR3:27284819	SSF x LoA	-8,99755334	-0,044	0,307
CHR3	27284828	CHR3:27284828	SSF x LoA	-8,87211954	-0,059	0,303
CHR3	27291284	CHR3:27291284	SSF x LoA	-11,0585786	0,002	0,308
CHR3	27291359	CHR3:27291359	SSF x LoA	-9,97418303	-0,067	0,300
CHR3	27291419	CHR3:27291419	SSF x LoA	-10,1578111	-0,035	0,309
CHR3	2729297	CHR3:2729297	SSF x LoA	-9,27522869	0,036	0,310
CHR3	2729393	CHR3:2729393	SSF x LoA	-8,72709204	-0,110	0,317
CHR3	27304261	CHR3:27304261	SSF x LoA	-9,39282573	0,004	0,308
CHR3	2730678	CHR3:2730678	SSF x LoA	-8,16023031	0,061	0,313
CHR3	27317015	CHR3:27317015	SSF x LoA	-5,82457047	0,029	0,307
CHR3	27319894	CHR3:27319894	SSF x LoA	-8,09642961	-0,115	0,298
CHR3	27322801	CHR3:27322801	SSF x LoA	-7,39982735	0,036	0,311
CHR3	27322825	CHR3:27322825	SSF x LoA	-8,87491276	0,133	0,312
CHR3	27323704	CHR3:27323704	SSF x LoA	-9,70019492	0,012	0,304
CHR3	27323854	CHR3:27323854	SSF x LoA	-9,18088421	0,040	0,297

CHR3	27323860	CHR3:27323860	SSF x LoA	-6,8891616	-0,054	0,318
CHR3	27323904	CHR3:27323904	SSF x LoA	-8,17744839	0,026	0,310
CHR3	27328980	CHR3:27328980	SSF x LoA	-8,38928399	-0,026	0,286
CHR3	27333087	CHR3:27333087	SSF x LoA	-9,13062569	0,060	0,312
CHR3	27333091	CHR3:27333091	SSF x LoA	-9,00342384	0,041	0,301
CHR3	27333101	CHR3:27333101	SSF x LoA	-11,4352331	-0,079	0,303
CHR3	27333124	CHR3:27333124	SSF x LoA	-8,46463199	0,023	0,329
CHR3	27333186	CHR3:27333186	SSF x LoA	-9,69215692	0,016	0,317
CHR3	27338084	CHR3:27338084	SSF x LoA	-10,2464826	0,019	0,318
CHR3	27338093	CHR3:27338093	SSF x LoA	-5,94307826	0,120	0,312
CHR3	27338116	CHR3:27338116	SSF x LoA	-11,0021178	0,012	0,307
CHR3	2733950	CHR3:2733950	SSF x LoA	-5,89726423	0,016	0,314
CHR3	27341439	CHR3:27341439	SSF x LoA	-4,04192188	0,128	0,296
CHR3	27341470	CHR3:27341470	SSF x LoA	-5,53436167	0,155	0,314
CHR3	27341484	CHR3:27341484	SSF x LoA	-9,42731181	0,010	0,298
CHR3	27341539	CHR3:27341539	SSF x LoA	-8,70432256	0,026	0,322
CHR3	27341555	CHR3:27341555	SSF x LoA	-10,3620251	-0,090	0,293
CHR3	27341609	CHR3:27341609	SSF x LoA	-9,64761713	-0,091	0,320
CHR3	27341717	CHR3:27341717	SSF x LoA	-5,20555402	0,124	0,296
CHR3	2734239	CHR3:2734239	SSF x LoA	-9,26103957	-0,023	0,313
CHR3	2734249	CHR3:2734249	SSF x LoA	-8,72363572	-0,040	0,289
CHR3	2734253	CHR3:2734253	SSF x LoA	-9,84836862	0,082	0,305
CHR3	2734264	CHR3:2734264	SSF x LoA	-10,2146611	0,003	0,298
CHR3	2734337	CHR3:2734337	SSF x LoA	-8,18052949	-0,077	0,303
CHR3	27344352	CHR3:27344352	SSF x LoA	-10,9122806	0,006	0,321
CHR3	27344416	CHR3:27344416	SSF x LoA	-11,6925067	0,044	0,314
CHR3	27347193	CHR3:27347193	SSF x LoA	-8,92139919	-0,052	0,292
CHR3	27347216	CHR3:27347216	SSF x LoA	-8,11333048	-0,057	0,311
CHR3	27347404	CHR3:27347404	SSF x LoA	-8,77438202	-0,106	0,300
CHR3	27348391	CHR3:27348391	SSF x LoA	-7,26164658	-0,118	0,308
CHR3	27382317	CHR3:27382317	SSF x LoA	-5,35674999	0,156	0,289
CHR3	27386687	CHR3:27386687	SSF x LoA	-8,39083751	0,142	0,281
CHR3	27386713	CHR3:27386713	SSF x LoA	-9,37016675	-0,155	0,311
CHR3	27391535	CHR3:27391535	SSF x LoA	-10,8859388	-0,009	0,299
CHR3	27392873	CHR3:27392873	SSF x LoA	-9,3294824	-0,089	0,302
CHR3	27393024	CHR3:27393024	SSF x LoA	-9,66892244	-0,070	0,314
CHR3	27420628	CHR3:27420628	SSF x LoA	-8,07844769	0,019	0,306
CHR3	27420661	CHR3:27420661	SSF x LoA	-8,36776439	0,079	0,301
CHR3	27430367	CHR3:27430367	SSF x LoA	-7,55991684	-0,120	0,298
CHR3	27433852	CHR3:27433852	SSF x LoA	-7,615344	0,115	0,310
CHR3	27433856	CHR3:27433856	SSF x LoA	-7,26326682	-0,122	0,312
CHR3	27441583	CHR3:27441583	SSF x LoA	-10,9102249	0,005	0,304
CHR3	27441808	CHR3:27441808	SSF x LoA	-6,9544921	0,036	0,298
CHR3	27447359	CHR3:27447359	SSF x LoA	-8,76564393	-0,106	0,286
CHR3	27447428	CHR3:27447428	SSF x LoA	-9,67616628	-0,064	0,288
CHR3	27447596	CHR3:27447596	SSF x LoA	-9,50731918	0,104	0,314
CHR3	27447601	CHR3:27447601	SSF x LoA	-9,97181877	-0,106	0,295
CHR3	27450614	CHR3:27450614	SSF x LoA	-10,1460339	0,079	0,307
CHR3	27457659	CHR3:27457659	SSF x LoA	-8,42142478	0,142	0,296
CHR3	2746121	CHR3:2746121	SSF x LoA	-9,51111356	-0,023	0,321
CHR3	2746128	CHR3:2746128	SSF x LoA	-9,35151919	-0,024	0,311
CHR3	27469660	CHR3:27469660	SSF x LoA	-9,156201	-0,028	0,309
CHR3	27469710	CHR3:27469710	SSF x LoA	-5,73087846	-0,036	0,317

CHR3	27473812	CHR3:27473812	SSF x LoA	-9,85868271	0,004	0,310
CHR3	27473845	CHR3:27473845	SSF x LoA	-9,26438543	-0,003	0,302
CHR3	27474080	CHR3:27474080	SSF x LoA	-8,09077885	-0,058	0,318
CHR3	27474108	CHR3:27474108	SSF x LoA	-11,8020776	0,026	0,297
CHR3	27487904	CHR3:27487904	SSF x LoA	-8,59675658	0,043	0,317
CHR3	27495747	CHR3:27495747	SSF x LoA	-6,21691289	0,035	0,299
CHR3	27495885	CHR3:27495885	SSF x LoA	-9,13888074	0,010	0,303
CHR3	27495984	CHR3:27495984	SSF x LoA	-9,76257666	0,051	0,309
CHR3	27496008	CHR3:27496008	SSF x LoA	-10,1684053	0,016	0,311
CHR3	2752391	CHR3:2752391	SSF x LoA	-7,98385784	0,138	0,303
CHR3	2752392	CHR3:2752392	SSF x LoA	-8,7578572	-0,021	0,305
CHR3	27532693	CHR3:27532693	SSF x LoA	-4,89721273	-0,015	0,309
CHR3	27532753	CHR3:27532753	SSF x LoA	-10,9260086	-0,008	0,320
CHR3	27533711	CHR3:27533711	SSF x LoA	-9,73997561	-0,003	0,305
CHR3	27533740	CHR3:27533740	SSF x LoA	-7,0374092	-0,046	0,303
CHR3	27533811	CHR3:27533811	SSF x LoA	-9,4150875	-0,076	0,315
CHR3	27544777	CHR3:27544777	SSF x LoA	-9,96746906	0,019	0,319
CHR3	27544912	CHR3:27544912	SSF x LoA	-10,6384072	0,024	0,308
CHR3	27544993	CHR3:27544993	SSF x LoA	-8,53903582	0,091	0,301
CHR3	27545051	CHR3:27545051	SSF x LoA	-8,75597178	0,042	0,308
CHR3	27559545	CHR3:27559545	SSF x LoA	-11,1207524	-0,023	0,309
CHR3	27559606	CHR3:27559606	SSF x LoA	-11,6558273	-0,007	0,313
CHR3	27559650	CHR3:27559650	SSF x LoA	-8,1996037	-0,005	0,320
CHR3	27559851	CHR3:27559851	SSF x LoA	-9,71242402	-0,023	0,316
CHR3	27559864	CHR3:27559864	SSF x LoA	-10,3937058	-0,005	0,307
CHR3	27561355	CHR3:27561355	SSF x LoA	-11,2161059	0,072	0,303
CHR3	27563085	CHR3:27563085	SSF x LoA	-8,89652368	0,008	0,309
CHR3	27563108	CHR3:27563108	SSF x LoA	-9,34273453	-0,012	0,315
CHR3	27563175	CHR3:27563175	SSF x LoA	-9,27542446	-0,036	0,314
CHR3	27578812	CHR3:27578812	SSF x LoA	-9,81190008	0,020	0,301
CHR3	27578816	CHR3:27578816	SSF x LoA	-10,6706041	-0,100	0,306
CHR3	27579078	CHR3:27579078	SSF x LoA	-6,84314013	-0,044	0,322
CHR3	27579166	CHR3:27579166	SSF x LoA	-9,65996552	0,077	0,308
CHR3	27585609	CHR3:27585609	SSF x LoA	-8,58397005	-0,153	0,299
CHR3	2759046	CHR3:2759046	SSF x LoA	-8,76812044	0,082	0,318
CHR3	27591579	CHR3:27591579	SSF x LoA	-9,15742519	-0,084	0,312
CHR3	27605963	CHR3:27605963	SSF x LoA	-9,96711486	-0,088	0,304
CHR3	27605964	CHR3:27605964	SSF x LoA	-10,3066712	-0,051	0,303
CHR3	2760884	CHR3:2760884	SSF x LoA	-9,11591781	-0,018	0,302
CHR3	2760912	CHR3:2760912	SSF x LoA	-10,3864591	-0,095	0,304
CHR3	2760977	CHR3:2760977	SSF x LoA	-10,5433891	0,027	0,309
CHR3	27623710	CHR3:27623710	SSF x LoA	-10,5988131	0,093	0,312
CHR3	27623860	CHR3:27623860	SSF x LoA	-7,86843524	-0,233	0,292
CHR3	27623904	CHR3:27623904	SSF x LoA	-9,49187495	-0,108	0,307
CHR3	27623932	CHR3:27623932	SSF x LoA	-10,6853396	0,036	0,297
CHR3	27623934	CHR3:27623934	SSF x LoA	-6,2258592	0,192	0,309
CHR3	27625356	CHR3:27625356	SSF x LoA	-5,42698125	0,111	0,299
CHR3	27626415	CHR3:27626415	SSF x LoA	6,53059989	-0,057	0,301
CHR3	27627863	CHR3:27627863	SSF x LoA	-8,84774732	-0,087	0,295
CHR3	27627867	CHR3:27627867	SSF x LoA	-7,22648399	-0,107	0,298
CHR3	27628091	CHR3:27628091	SSF x LoA	-9,02679221	0,048	0,294
CHR3	27628127	CHR3:27628127	SSF x LoA	-11,4261804	0,086	0,285
CHR3	27628145	CHR3:27628145	SSF x LoA	-8,82041121	-0,002	0,306

CHR3	2763803	CHR3:2763803	SSF x LoA	-10,5613904	-0,034	0,306
CHR3	2763929	CHR3:2763929	SSF x LoA	-9,6743809	0,105	0,301
CHR3	27645817	CHR3:27645817	SSF x LoA	-8,08199508	0,038	0,297
CHR3	27645843	CHR3:27645843	SSF x LoA	-9,07777653	-0,045	0,301
CHR3	27647215	CHR3:27647215	SSF x LoA	-6,87199194	0,186	0,289
CHR3	27658324	CHR3:27658324	SSF x LoA	-9,6777867	-0,098	0,301
CHR3	27658338	CHR3:27658338	SSF x LoA	-7,40325063	-0,124	0,300
CHR3	27658340	CHR3:27658340	SSF x LoA	-7,90693617	-0,118	0,297
CHR3	27658381	CHR3:27658381	SSF x LoA	-9,70645132	0,040	0,305
CHR3	27661992	CHR3:27661992	SSF x LoA	-9,15798233	0,016	0,313
CHR3	27662086	CHR3:27662086	SSF x LoA	-10,5537643	0,014	0,311
CHR3	27662088	CHR3:27662088	SSF x LoA	-11,3293408	0,040	0,307
CHR3	27665361	CHR3:27665361	SSF x LoA	-8,4267405	-0,058	0,302
CHR3	27669182	CHR3:27669182	SSF x LoA	-8,76902225	0,086	0,303
CHR3	27669253	CHR3:27669253	SSF x LoA	-7,30831924	-0,029	0,318
CHR3	27669280	CHR3:27669280	SSF x LoA	-7,96687145	-0,025	0,309
CHR3	27669396	CHR3:27669396	SSF x LoA	-9,33531022	-0,074	0,293
CHR3	27671464	CHR3:27671464	SSF x LoA	-9,15707145	0,115	0,316
CHR3	27675028	CHR3:27675028	SSF x LoA	-9,38281762	0,017	0,315
CHR3	2767768	CHR3:2767768	SSF x LoA	-9,38133361	0,078	0,290
CHR3	2767793	CHR3:2767793	SSF x LoA	-9,44384943	-0,144	0,298
CHR3	2767797	CHR3:2767797	SSF x LoA	-9,08603955	0,122	0,276
CHR3	2767802	CHR3:2767802	SSF x LoA	-5,59285656	-0,036	0,303
CHR3	27680987	CHR3:27680987	SSF x LoA	-5,12543542	0,081	0,308
CHR3	27681148	CHR3:27681148	SSF x LoA	-10,3148682	-0,150	0,291
CHR3	27681270	CHR3:27681270	SSF x LoA	-10,6520208	0,062	0,313
CHR3	27681293	CHR3:27681293	SSF x LoA	-9,26614015	0,088	0,290
CHR3	27690019	CHR3:27690019	SSF x LoA	-8,82658191	0,011	0,321
CHR3	27690067	CHR3:27690067	SSF x LoA	-8,26811568	0,100	0,308
CHR3	27693849	CHR3:27693849	SSF x LoA	-1,06550256	0,049	0,314
CHR3	27696607	CHR3:27696607	SSF x LoA	-9,13607305	0,012	0,306
CHR3	27699908	CHR3:27699908	SSF x LoA	-11,554275	-0,035	0,311
CHR3	27700084	CHR3:27700084	SSF x LoA	-7,64314242	-0,135	0,302
CHR3	27700096	CHR3:27700096	SSF x LoA	-9,07840441	-0,038	0,304
CHR3	27704932	CHR3:27704932	SSF x LoA	-10,4939056	-0,064	0,305
CHR3	27705013	CHR3:27705013	SSF x LoA	-8,1316304	-0,128	0,299
CHR3	27705176	CHR3:27705176	SSF x LoA	-10,0766201	-0,082	0,297
CHR3	27720461	CHR3:27720461	SSF x LoA	-8,72045573	-0,026	0,322
CHR3	27720475	CHR3:27720475	SSF x LoA	-10,0931308	-0,032	0,301
CHR3	27720517	CHR3:27720517	SSF x LoA	-8,10302549	0,008	0,307
CHR3	27721974	CHR3:27721974	SSF x LoA	-10,0999671	0,029	0,310
CHR3	27722061	CHR3:27722061	SSF x LoA	-10,5229095	0,016	0,313
CHR3	27725027	CHR3:27725027	SSF x LoA	-10,3426443	0,084	0,310
CHR3	27727071	CHR3:27727071	SSF x LoA	-7,77426173	0,163	0,304
CHR3	27728281	CHR3:27728281	SSF x LoA	-10,1306103	0,094	0,313
CHR3	27728345	CHR3:27728345	SSF x LoA	-8,59803397	0,043	0,302
CHR3	27728391	CHR3:27728391	SSF x LoA	-7,76336579	0,155	0,299
CHR3	27741161	CHR3:27741161	SSF x LoA	-10,9347822	-0,062	0,315
CHR3	27741302	CHR3:27741302	SSF x LoA	-9,21984675	-0,020	0,296
CHR3	27751094	CHR3:27751094	SSF x LoA	-9,40684295	-0,013	0,313
CHR3	27755861	CHR3:27755861	SSF x LoA	-9,34341199	0,093	0,314
CHR3	27755945	CHR3:27755945	SSF x LoA	-10,1039986	0,035	0,306
CHR3	27755946	CHR3:27755946	SSF x LoA	-6,51171017	0,081	0,321

CHR3	27779835	CHR3:27779835	SSF x LoA	-9,4896393	0,045	0,312
CHR3	27779862	CHR3:27779862	SSF x LoA	-9,31383851	-0,092	0,316
CHR3	27785274	CHR3:27785274	SSF x LoA	-8,27712382	0,124	0,297
CHR3	27788073	CHR3:27788073	SSF x LoA	-6,33301502	-0,184	0,293
CHR3	27788134	CHR3:27788134	SSF x LoA	-8,92433103	0,037	0,311
CHR3	27788234	CHR3:27788234	SSF x LoA	-6,66334588	0,108	0,295
CHR3	27788250	CHR3:27788250	SSF x LoA	-7,71602349	0,083	0,318
CHR3	27788253	CHR3:27788253	SSF x LoA	-11,0254788	0,003	0,296
CHR3	27798307	CHR3:27798307	SSF x LoA	-8,98874126	0,069	0,297
CHR3	27798458	CHR3:27798458	SSF x LoA	-6,34172565	0,103	0,306
CHR3	27798547	CHR3:27798547	SSF x LoA	-8,22811595	-0,015	0,309
CHR3	27798730	CHR3:27798730	SSF x LoA	-11,3727066	0,048	0,305
CHR3	27837417	CHR3:27837417	SSF x LoA	-6,81436022	0,070	0,311
CHR3	27838694	CHR3:27838694	SSF x LoA	-5,5888956	0,137	0,316
CHR3	27838858	CHR3:27838858	SSF x LoA	-7,78192971	-0,088	0,319
CHR3	27838887	CHR3:27838887	SSF x LoA	-9,55612801	-0,060	0,307
CHR3	27840102	CHR3:27840102	SSF x LoA	-8,6424729	-0,101	0,300
CHR3	27842627	CHR3:27842627	SSF x LoA	-6,45046751	-0,070	0,303
CHR3	27842628	CHR3:27842628	SSF x LoA	-9,65924177	-0,013	0,311
CHR3	27843552	CHR3:27843552	SSF x LoA	-5,87789751	0,126	0,294
CHR3	27844970	CHR3:27844970	SSF x LoA	-2,93506277	0,269	0,286
CHR3	27845176	CHR3:27845176	SSF x LoA	-6,56293535	0,144	0,307
CHR3	27848634	CHR3:27848634	SSF x LoA	-7,84231237	0,017	0,305
CHR3	27848658	CHR3:27848658	SSF x LoA	-8,97750834	0,075	0,301
CHR3	27848811	CHR3:27848811	SSF x LoA	-10,0260863	-0,062	0,314
CHR3	27858152	CHR3:27858152	SSF x LoA	1,06936507	-0,223	0,285
CHR3	27858680	CHR3:27858680	SSF x LoA	-9,45349751	0,051	0,301
CHR3	27858681	CHR3:27858681	SSF x LoA	-9,82924961	0,057	0,304
CHR3	2786197	CHR3:2786197	SSF x LoA	-9,72321631	-0,081	0,309
CHR3	27871465	CHR3:27871465	SSF x LoA	-10,3228976	0,088	0,301
CHR3	27871575	CHR3:27871575	SSF x LoA	-11,7773117	-0,029	0,312
CHR3	27871643	CHR3:27871643	SSF x LoA	-7,87049262	0,055	0,310
CHR3	27871680	CHR3:27871680	SSF x LoA	-9,65009231	-0,078	0,301
CHR3	27876092	CHR3:27876092	SSF x LoA	-10,1119709	0,014	0,295
CHR3	27885056	CHR3:27885056	SSF x LoA	-9,03483096	0,061	0,290
CHR3	27908588	CHR3:27908588	SSF x LoA	-9,12929736	-0,088	0,295
CHR3	27908614	CHR3:27908614	SSF x LoA	-8,92334155	0,017	0,310
CHR3	27917002	CHR3:27917002	SSF x LoA	-9,15235588	-0,026	0,319
CHR3	27917018	CHR3:27917018	SSF x LoA	-9,74518657	-0,011	0,303
CHR3	27917115	CHR3:27917115	SSF x LoA	-10,2688515	-0,030	0,304
CHR3	27917177	CHR3:27917177	SSF x LoA	-11,1779649	-0,031	0,289
CHR3	27942691	CHR3:27942691	SSF x LoA	-10,5779764	0,004	0,294
CHR3	27942696	CHR3:27942696	SSF x LoA	-3,78240752	0,019	0,312
CHR3	27942701	CHR3:27942701	SSF x LoA	-10,1384978	0,054	0,309
CHR3	27942719	CHR3:27942719	SSF x LoA	-10,3724241	0,095	0,302
CHR3	27942733	CHR3:27942733	SSF x LoA	-10,143872	0,084	0,313
CHR3	27942758	CHR3:27942758	SSF x LoA	-9,47405291	-0,032	0,301
CHR3	27942822	CHR3:27942822	SSF x LoA	-9,04342087	0,072	0,304
CHR3	27942861	CHR3:27942861	SSF x LoA	-10,0848655	0,015	0,302
CHR3	27942902	CHR3:27942902	SSF x LoA	-10,0396818	0,024	0,294
CHR3	27942905	CHR3:27942905	SSF x LoA	-9,87694242	0,014	0,294
CHR3	27942922	CHR3:27942922	SSF x LoA	-9,92537833	0,003	0,304
CHR3	27942932	CHR3:27942932	SSF x LoA	-9,12475863	0,017	0,306

CHR3	27942937	CHR3:27942937	SSF x LoA	-10,2476952	0,036	0,296
CHR3	27950291	CHR3:27950291	SSF x LoA	-11,403631	-0,003	0,308
CHR3	27952025	CHR3:27952025	SSF x LoA	-5,17662688	0,140	0,319
CHR3	27960862	CHR3:27960862	SSF x LoA	-8,99828359	-0,130	0,289
CHR3	27960872	CHR3:27960872	SSF x LoA	-6,18413965	0,078	0,315
CHR3	27960876	CHR3:27960876	SSF x LoA	-9,44277604	0,035	0,309
CHR3	27960918	CHR3:27960918	SSF x LoA	10,3927278	0,147	0,299
CHR3	27960970	CHR3:27960970	SSF x LoA	-8,61633738	0,152	0,304
CHR3	27961034	CHR3:27961034	SSF x LoA	-9,89395499	0,009	0,303
CHR3	27968091	CHR3:27968091	SSF x LoA	-10,4952526	-0,063	0,304
CHR3	27968109	CHR3:27968109	SSF x LoA	-10,5337447	-0,020	0,302
CHR3	27968366	CHR3:27968366	SSF x LoA	-9,07875143	0,098	0,313
CHR3	27968403	CHR3:27968403	SSF x LoA	-10,3895835	0,011	0,314
CHR3	27981923	CHR3:27981923	SSF x LoA	-11,4876605	0,012	0,316
CHR3	27989420	CHR3:27989420	SSF x LoA	-10,3238237	0,017	0,312
CHR3	27989425	CHR3:27989425	SSF x LoA	-9,3759866	-0,041	0,302
CHR3	27989454	CHR3:27989454	SSF x LoA	-7,22933905	-0,064	0,304
CHR3	27997170	CHR3:27997170	SSF x LoA	-6,29088066	0,042	0,311
CHR3	27997288	CHR3:27997288	SSF x LoA	-11,8642936	-0,076	0,296
CHR3	27997292	CHR3:27997292	SSF x LoA	-8,85841331	0,003	0,316
CHR3	27997319	CHR3:27997319	SSF x LoA	-8,66523343	-0,083	0,313
CHR3	27997327	CHR3:27997327	SSF x LoA	-8,14975495	0,162	0,304
CHR3	28000111	CHR3:28000111	SSF x LoA	-7,79572364	0,122	0,307
CHR3	28011476	CHR3:28011476	SSF x LoA	-8,05418096	-0,097	0,288
CHR3	28013527	CHR3:28013527	SSF x LoA	-7,5025883	0,144	0,293
CHR3	28013586	CHR3:28013586	SSF x LoA	-7,66525796	-0,095	0,304
CHR3	28015902	CHR3:28015902	SSF x LoA	-10,2655323	0,083	0,306
CHR3	28024603	CHR3:28024603	SSF x LoA	-9,69086534	0,024	0,315
CHR3	28024839	CHR3:28024839	SSF x LoA	-9,45599902	-0,004	0,310
CHR3	28036493	CHR3:28036493	SSF x LoA	-9,35409863	-0,022	0,300
CHR3	28036540	CHR3:28036540	SSF x LoA	-11,6210989	-0,071	0,291
CHR3	28036542	CHR3:28036542	SSF x LoA	-11,5801687	-0,067	0,296
CHR3	28038930	CHR3:28038930	SSF x LoA	-9,95861423	-0,014	0,315
CHR3	28048350	CHR3:28048350	SSF x LoA	-6,21143217	-0,046	0,311
CHR3	28048433	CHR3:28048433	SSF x LoA	-10,0433934	0,058	0,298
CHR3	28048437	CHR3:28048437	SSF x LoA	-8,9353398	-0,071	0,300
CHR3	28048461	CHR3:28048461	SSF x LoA	-11,6338733	0,035	0,300
CHR3	28048475	CHR3:28048475	SSF x LoA	-8,80599343	-0,051	0,313
CHR3	28048509	CHR3:28048509	SSF x LoA	-7,51000707	0,055	0,301
CHR3	28048604	CHR3:28048604	SSF x LoA	-10,6157583	0,014	0,310
CHR3	28049286	CHR3:28049286	SSF x LoA	-10,968648	-0,040	0,314
CHR3	28052668	CHR3:28052668	SSF x LoA	-10,8451403	0,064	0,301
CHR3	28052672	CHR3:28052672	SSF x LoA	-7,93294137	0,063	0,320
CHR3	28055780	CHR3:28055780	SSF x LoA	-6,60634781	-0,029	0,311
CHR3	28055787	CHR3:28055787	SSF x LoA	-9,37651431	0,009	0,317
CHR3	28055789	CHR3:28055789	SSF x LoA	-10,1469642	-0,028	0,316
CHR3	28055837	CHR3:28055837	SSF x LoA	-9,88705617	-0,065	0,302
CHR3	28056144	CHR3:28056144	SSF x LoA	-10,7270414	-0,019	0,309
CHR3	28057065	CHR3:28057065	SSF x LoA	-11,356987	-0,026	0,297
CHR3	28057121	CHR3:28057121	SSF x LoA	-8,59041318	0,103	0,304
CHR3	28057157	CHR3:28057157	SSF x LoA	-9,22253155	-0,047	0,316
CHR3	28060308	CHR3:28060308	SSF x LoA	-10,7127715	-0,029	0,306
CHR3	28060415	CHR3:28060415	SSF x LoA	-9,94344416	0,050	0,292

CHR3	28075710	CHR3:28075710	SSF x LoA	-8,66174564	-0,007	0,311
CHR3	28075742	CHR3:28075742	SSF x LoA	-7,37421297	0,060	0,311
CHR3	28075816	CHR3:28075816	SSF x LoA	-11,0758704	0,025	0,311
CHR3	28085965	CHR3:28085965	SSF x LoA	-11,6127687	0,076	0,311
CHR3	2808974	CHR3:2808974	SSF x LoA	-10,5930677	0,069	0,308
CHR3	2809191	CHR3:2809191	SSF x LoA	-8,0522036	-0,060	0,304
CHR3	28092868	CHR3:28092868	SSF x LoA	-8,98695237	-0,103	0,315
CHR3	28093376	CHR3:28093376	SSF x LoA	-7,96312713	-0,060	0,311
CHR3	28094891	CHR3:28094891	SSF x LoA	-10,8457488	-0,013	0,302
CHR3	28099088	CHR3:28099088	SSF x LoA	-9,03570038	0,072	0,315
CHR3	28099332	CHR3:28099332	SSF x LoA	-8,96184594	-0,112	0,307
CHR3	28103258	CHR3:28103258	SSF x LoA	-9,4568454	-0,052	0,293
CHR3	28103370	CHR3:28103370	SSF x LoA	-8,97817639	-0,039	0,312
CHR3	28103373	CHR3:28103373	SSF x LoA	-9,59395212	-0,022	0,309
CHR3	28103375	CHR3:28103375	SSF x LoA	-8,80991442	-0,049	0,300
CHR3	28103448	CHR3:28103448	SSF x LoA	-9,99667588	-0,102	0,308
CHR3	28114052	CHR3:28114052	SSF x LoA	-8,32861427	-0,019	0,307
CHR3	28114058	CHR3:28114058	SSF x LoA	-7,81869474	-0,012	0,303
CHR3	28119990	CHR3:28119990	SSF x LoA	-7,97171573	-0,107	0,305
CHR3	28124211	CHR3:28124211	SSF x LoA	-6,99089729	0,149	0,298
CHR3	28124227	CHR3:28124227	SSF x LoA	-3,19966153	0,146	0,304
CHR3	28129669	CHR3:28129669	SSF x LoA	-7,68500236	0,006	0,312
CHR3	2813811	CHR3:2813811	SSF x LoA	-8,05811774	0,069	0,309
CHR3	2813843	CHR3:2813843	SSF x LoA	-9,00845139	-0,053	0,314
CHR3	2813844	CHR3:2813844	SSF x LoA	-10,0619691	-0,057	0,320
CHR3	2813855	CHR3:2813855	SSF x LoA	-8,78054257	-0,009	0,307
CHR3	2813891	CHR3:2813891	SSF x LoA	-6,82367308	0,054	0,305
CHR3	28142892	CHR3:28142892	SSF x LoA	-7,94896927	-0,104	0,319
CHR3	28142901	CHR3:28142901	SSF x LoA	-10,8409483	-0,045	0,303
CHR3	28142929	CHR3:28142929	SSF x LoA	-9,76708348	-0,026	0,307
CHR3	28142931	CHR3:28142931	SSF x LoA	-9,74281347	-0,053	0,302
CHR3	28142934	CHR3:28142934	SSF x LoA	-9,85565343	-0,003	0,308
CHR3	28143081	CHR3:28143081	SSF x LoA	-8,49644671	0,068	0,317
CHR3	28143118	CHR3:28143118	SSF x LoA	-9,45083137	0,062	0,308
CHR3	28148639	CHR3:28148639	SSF x LoA	-8,9344618	0,008	0,314
CHR3	28156386	CHR3:28156386	SSF x LoA	-8,87413564	-0,003	0,312
CHR3	28156397	CHR3:28156397	SSF x LoA	-8,95842208	0,108	0,307
CHR3	28156405	CHR3:28156405	SSF x LoA	-8,94477475	-0,082	0,309
CHR3	28167977	CHR3:28167977	SSF x LoA	-10,4640338	0,074	0,312
CHR3	28168028	CHR3:28168028	SSF x LoA	-3,98253189	0,183	0,295
CHR3	28168033	CHR3:28168033	SSF x LoA	-6,11310697	-0,075	0,317
CHR3	28168087	CHR3:28168087	SSF x LoA	-8,08209593	0,063	0,316
CHR3	28168090	CHR3:28168090	SSF x LoA	-9,73474471	0,065	0,297
CHR3	28168128	CHR3:28168128	SSF x LoA	-10,0174304	0,091	0,291
CHR3	28168224	CHR3:28168224	SSF x LoA	-10,4220299	0,072	0,311
CHR3	28169818	CHR3:28169818	SSF x LoA	-10,9435907	0,046	0,303
CHR3	28169914	CHR3:28169914	SSF x LoA	-8,61453033	0,073	0,315
CHR3	28169923	CHR3:28169923	SSF x LoA	-3,78194476	0,073	0,306
CHR3	28185111	CHR3:28185111	SSF x LoA	-8,27167323	-0,094	0,316
CHR3	28193299	CHR3:28193299	SSF x LoA	-10,8506853	-0,085	0,301
CHR3	28193302	CHR3:28193302	SSF x LoA	-11,2281516	-0,063	0,304
CHR3	28193333	CHR3:28193333	SSF x LoA	-7,81399713	0,095	0,310
CHR3	28193429	CHR3:28193429	SSF x LoA	-7,78636579	0,046	0,304

CHR3	28193431	CHR3:28193431	SSF x LoA	-8,03110517	0,076	0,303
CHR3	28193440	CHR3:28193440	SSF x LoA	-1,5879168	0,114	0,301
CHR3	28193480	CHR3:28193480	SSF x LoA	-8,92578246	-0,184	0,284
CHR3	28203152	CHR3:28203152	SSF x LoA	-10,5275283	0,006	0,305
CHR3	28211532	CHR3:28211532	SSF x LoA	-6,11128002	0,122	0,274
CHR3	28211596	CHR3:28211596	SSF x LoA	-8,25271183	0,033	0,298
CHR3	28211726	CHR3:28211726	SSF x LoA	-9,22398642	0,001	0,300
CHR3	28214274	CHR3:28214274	SSF x LoA	-7,42795099	-0,017	0,311
CHR3	28218998	CHR3:28218998	SSF x LoA	-11,045235	-0,016	0,303
CHR3	28219205	CHR3:28219205	SSF x LoA	-9,29023514	-0,009	0,305
CHR3	28223113	CHR3:28223113	SSF x LoA	-9,58879531	-0,069	0,304
CHR3	28223143	CHR3:28223143	SSF x LoA	-7,42352341	0,122	0,299
CHR3	28223230	CHR3:28223230	SSF x LoA	-9,45097021	0,024	0,306
CHR3	28238295	CHR3:28238295	SSF x LoA	-8,60894019	0,036	0,309
CHR3	28238408	CHR3:28238408	SSF x LoA	-8,37565926	0,056	0,317
CHR3	28243266	CHR3:28243266	SSF x LoA	-10,1814618	0,009	0,306
CHR3	28243337	CHR3:28243337	SSF x LoA	-10,2441648	-0,028	0,314
CHR3	28243408	CHR3:28243408	SSF x LoA	-11,4793627	-0,042	0,299
CHR3	28243434	CHR3:28243434	SSF x LoA	-10,6835168	0,010	0,312
CHR3	28243439	CHR3:28243439	SSF x LoA	-9,4384227	-0,043	0,307
CHR3	28243449	CHR3:28243449	SSF x LoA	-9,21328987	0,024	0,308
CHR3	28243474	CHR3:28243474	SSF x LoA	-9,31831143	-0,028	0,305
CHR3	28243482	CHR3:28243482	SSF x LoA	-10,0967897	-0,093	0,317
CHR3	28249473	CHR3:28249473	SSF x LoA	-7,44159914	-0,065	0,312
CHR3	28249479	CHR3:28249479	SSF x LoA	-8,27584254	-0,061	0,299
CHR3	28249519	CHR3:28249519	SSF x LoA	-8,89301387	0,031	0,313
CHR3	28249524	CHR3:28249524	SSF x LoA	-8,48351158	-0,002	0,309
CHR3	28253844	CHR3:28253844	SSF x LoA	-9,23589922	-0,041	0,304
CHR3	28257318	CHR3:28257318	SSF x LoA	-11,2753883	-0,057	0,304
CHR3	28257342	CHR3:28257342	SSF x LoA	-9,37959164	-0,019	0,321
CHR3	28257431	CHR3:28257431	SSF x LoA	-12,1938038	-0,008	0,302
CHR3	28257465	CHR3:28257465	SSF x LoA	-11,111055	-0,090	0,286
CHR3	28257502	CHR3:28257502	SSF x LoA	-8,07813044	-0,020	0,309
CHR3	28257573	CHR3:28257573	SSF x LoA	-9,04584291	0,106	0,301
CHR3	28257574	CHR3:28257574	SSF x LoA	-10,4203309	-0,072	0,325
CHR3	28269205	CHR3:28269205	SSF x LoA	-11,0779818	0,002	0,304
CHR3	28274144	CHR3:28274144	SSF x LoA	-10,3158223	-0,021	0,310
CHR3	28274267	CHR3:28274267	SSF x LoA	-10,0501812	0,050	0,304
CHR3	28274356	CHR3:28274356	SSF x LoA	-8,0478484	-0,049	0,320
CHR3	28279275	CHR3:28279275	SSF x LoA	-9,53353116	0,063	0,298
CHR3	28279278	CHR3:28279278	SSF x LoA	-9,6241994	-0,075	0,302
CHR3	28279290	CHR3:28279290	SSF x LoA	-8,18182499	-0,029	0,318
CHR3	28279350	CHR3:28279350	SSF x LoA	-9,49219356	-0,080	0,306
CHR3	28279352	CHR3:28279352	SSF x LoA	-7,81003076	-0,093	0,300
CHR3	28279355	CHR3:28279355	SSF x LoA	-2,9333787	0,196	0,300
CHR3	28279397	CHR3:28279397	SSF x LoA	-7,21849793	0,016	0,307
CHR3	28279420	CHR3:28279420	SSF x LoA	-9,74194	0,147	0,311
CHR3	28279422	CHR3:28279422	SSF x LoA	-10,980323	0,124	0,310
CHR3	28279506	CHR3:28279506	SSF x LoA	-8,31492486	-0,115	0,292
CHR3	28295658	CHR3:28295658	SSF x LoA	-5,48576719	0,176	0,293
CHR3	28300120	CHR3:28300120	SSF x LoA	-9,06624317	0,017	0,301
CHR3	28300121	CHR3:28300121	SSF x LoA	-9,64096305	0,009	0,312
CHR3	28300136	CHR3:28300136	SSF x LoA	-9,55143913	0,019	0,316

CHR3	28300144	CHR3:28300144	SSF x LoA	-10,2489688	-0,023	0,321
CHR3	28300222	CHR3:28300222	SSF x LoA	-10,3757364	-0,037	0,310
CHR3	28300223	CHR3:28300223	SSF x LoA	-8,86889465	-0,081	0,311
CHR3	28300251	CHR3:28300251	SSF x LoA	-10,0456615	-0,001	0,320
CHR3	28300257	CHR3:28300257	SSF x LoA	-11,8923434	-0,049	0,311
CHR3	28300275	CHR3:28300275	SSF x LoA	-8,68923332	0,125	0,320
CHR3	28306304	CHR3:28306304	SSF x LoA	-10,7454521	-0,036	0,308
CHR3	28306332	CHR3:28306332	SSF x LoA	-8,841253	0,012	0,290
CHR3	28306340	CHR3:28306340	SSF x LoA	-9,28403373	-0,040	0,312
CHR3	28319250	CHR3:28319250	SSF x LoA	-10,0333129	0,011	0,303
CHR3	28319360	CHR3:28319360	SSF x LoA	-10,3548198	0,032	0,324
CHR3	28319403	CHR3:28319403	SSF x LoA	-7,8049912	0,080	0,302
CHR3	28319444	CHR3:28319444	SSF x LoA	-9,5268243	-0,046	0,304
CHR3	28319452	CHR3:28319452	SSF x LoA	-8,6540723	0,075	0,306
CHR3	2832321	CHR3:2832321	SSF x LoA	-11,7453405	0,024	0,301
CHR3	28332958	CHR3:28332958	SSF x LoA	-3,86616406	-0,071	0,318
CHR3	28338935	CHR3:28338935	SSF x LoA	-6,48229344	0,068	0,305
CHR3	28345264	CHR3:28345264	SSF x LoA	-8,46470857	0,113	0,309
CHR3	28345900	CHR3:28345900	SSF x LoA	-8,05213731	-0,144	0,299
CHR3	28345942	CHR3:28345942	SSF x LoA	-9,17625267	-0,022	0,330
CHR3	28359377	CHR3:28359377	SSF x LoA	-4,63401818	0,110	0,298
CHR3	28408488	CHR3:28408488	SSF x LoA	-9,19880768	-0,055	0,294
CHR3	28408603	CHR3:28408603	SSF x LoA	-8,52272074	0,077	0,310
CHR3	28416272	CHR3:28416272	SSF x LoA	-9,00192835	-0,037	0,311
CHR3	28416316	CHR3:28416316	SSF x LoA	-8,18400882	0,120	0,312
CHR3	28416350	CHR3:28416350	SSF x LoA	-9,21826254	-0,009	0,329
CHR3	28416388	CHR3:28416388	SSF x LoA	-8,98526549	0,093	0,299
CHR3	28420167	CHR3:28420167	SSF x LoA	-9,39618389	-0,087	0,311
CHR3	28420187	CHR3:28420187	SSF x LoA	-10,1746679	-0,095	0,299
CHR3	28420353	CHR3:28420353	SSF x LoA	-11,5100191	-0,003	0,296
CHR3	28420393	CHR3:28420393	SSF x LoA	-8,46252975	0,133	0,306
CHR3	28423308	CHR3:28423308	SSF x LoA	-10,7547647	-0,012	0,310
CHR3	28423321	CHR3:28423321	SSF x LoA	-5,29745535	0,216	0,288
CHR3	28423330	CHR3:28423330	SSF x LoA	-9,48705276	0,190	0,293
CHR3	28423335	CHR3:28423335	SSF x LoA	-11,8349598	0,003	0,308
CHR3	28423358	CHR3:28423358	SSF x LoA	-8,95316076	0,052	0,312
CHR3	28423410	CHR3:28423410	SSF x LoA	-7,98120233	-0,043	0,308
CHR3	28425361	CHR3:28425361	SSF x LoA	-6,76391114	-0,055	0,309
CHR3	28434774	CHR3:28434774	SSF x LoA	-7,02267026	0,089	0,307
CHR3	28436158	CHR3:28436158	SSF x LoA	-9,12325685	-0,088	0,315
CHR3	28436235	CHR3:28436235	SSF x LoA	-10,8574002	-0,021	0,306
CHR3	28436237	CHR3:28436237	SSF x LoA	-8,99746993	0,049	0,298
CHR3	28436245	CHR3:28436245	SSF x LoA	-8,46590631	0,029	0,303
CHR3	28436258	CHR3:28436258	SSF x LoA	-9,06076845	0,040	0,300
CHR3	28436282	CHR3:28436282	SSF x LoA	-8,38740949	0,062	0,293
CHR3	28436302	CHR3:28436302	SSF x LoA	-7,16548878	-0,096	0,289
CHR3	28436318	CHR3:28436318	SSF x LoA	-8,97561288	0,018	0,300
CHR3	28436323	CHR3:28436323	SSF x LoA	-7,90954465	-0,035	0,300
CHR3	28436389	CHR3:28436389	SSF x LoA	-11,4685686	0,011	0,291
CHR3	28437799	CHR3:28437799	SSF x LoA	-10,4542296	0,093	0,307
CHR3	28446516	CHR3:28446516	SSF x LoA	-7,76802131	-0,176	0,287
CHR3	28446533	CHR3:28446533	SSF x LoA	-11,041603	0,070	0,296
CHR3	28446664	CHR3:28446664	SSF x LoA	-8,79809724	0,069	0,300

CHR3	28446678	CHR3:28446678	SSF x LoA	-7,39850253	-0,108	0,303
CHR3	28446695	CHR3:28446695	SSF x LoA	-9,45303895	0,076	0,305
CHR3	28446763	CHR3:28446763	SSF x LoA	-8,20314917	-0,079	0,296
CHR3	28448112	CHR3:28448112	SSF x LoA	-6,91972515	-0,074	0,305
CHR3	28455198	CHR3:28455198	SSF x LoA	-8,6213186	-0,012	0,317
CHR3	28455240	CHR3:28455240	SSF x LoA	-9,94097451	0,018	0,315
CHR3	28455243	CHR3:28455243	SSF x LoA	-9,36923604	0,003	0,310
CHR3	28455258	CHR3:28455258	SSF x LoA	-9,19730101	-0,137	0,302
CHR3	28455286	CHR3:28455286	SSF x LoA	-1,72307179	-0,171	0,311
CHR3	28455332	CHR3:28455332	SSF x LoA	-8,73060058	-0,002	0,319
CHR3	28455367	CHR3:28455367	SSF x LoA	-10,1349363	-0,012	0,306
CHR3	28455417	CHR3:28455417	SSF x LoA	-5,79900797	0,132	0,306
CHR3	28466067	CHR3:28466067	SSF x LoA	-11,0966519	0,033	0,293
CHR3	28466069	CHR3:28466069	SSF x LoA	-11,2653527	-0,030	0,311
CHR3	28466072	CHR3:28466072	SSF x LoA	-7,27804222	-0,118	0,302
CHR3	28466089	CHR3:28466089	SSF x LoA	-7,62414559	0,010	0,313
CHR3	28466227	CHR3:28466227	SSF x LoA	-11,1787951	-0,037	0,317
CHR3	28466333	CHR3:28466333	SSF x LoA	-9,08318348	0,043	0,325
CHR3	28466346	CHR3:28466346	SSF x LoA	-10,5985662	0,047	0,317
CHR3	28466348	CHR3:28466348	SSF x LoA	-9,71595553	0,024	0,290
CHR3	28466349	CHR3:28466349	SSF x LoA	-9,68825481	0,059	0,310
CHR3	28479956	CHR3:28479956	SSF x LoA	-10,8009268	-0,031	0,309
CHR3	28480025	CHR3:28480025	SSF x LoA	-10,8189109	0,033	0,311
CHR3	28480054	CHR3:28480054	SSF x LoA	-10,4536539	-0,126	0,316
CHR3	28480059	CHR3:28480059	SSF x LoA	-4,78772275	-0,129	0,315
CHR3	28481129	CHR3:28481129	SSF x LoA	-10,9831491	-0,006	0,316
CHR3	28481217	CHR3:28481217	SSF x LoA	-5,83702751	0,095	0,314
CHR3	28482875	CHR3:28482875	SSF x LoA	-8,78794883	-0,009	0,305
CHR3	28482882	CHR3:28482882	SSF x LoA	-8,41752648	-0,030	0,318
CHR3	28482941	CHR3:28482941	SSF x LoA	-10,1269151	0,000	0,293
CHR3	28482955	CHR3:28482955	SSF x LoA	-10,0956859	0,053	0,297
CHR3	28489678	CHR3:28489678	SSF x LoA	-10,810582	0,044	0,324
CHR3	28489880	CHR3:28489880	SSF x LoA	-8,43399567	-0,047	0,307
CHR3	28489881	CHR3:28489881	SSF x LoA	-7,67214382	-0,049	0,293
CHR3	28489998	CHR3:28489998	SSF x LoA	-5,55418888	0,045	0,308
CHR3	28490000	CHR3:28490000	SSF x LoA	-9,43896215	0,066	0,294
CHR3	28490088	CHR3:28490088	SSF x LoA	-10,6763158	-0,022	0,318
CHR3	28500926	CHR3:28500926	SSF x LoA	-7,39463578	0,110	0,305
CHR3	28500939	CHR3:28500939	SSF x LoA	-9,40784943	0,167	0,297
CHR3	28501276	CHR3:28501276	SSF x LoA	-4,27174002	0,040	0,316
CHR3	28504514	CHR3:28504514	SSF x LoA	-7,20271629	0,026	0,291
CHR3	28504518	CHR3:28504518	SSF x LoA	-9,0428117	0,105	0,306
CHR3	28504529	CHR3:28504529	SSF x LoA	-9,6528938	0,051	0,293
CHR3	28504557	CHR3:28504557	SSF x LoA	-7,84353647	0,040	0,301
CHR3	28504560	CHR3:28504560	SSF x LoA	-8,67220757	-0,043	0,297
CHR3	28504591	CHR3:28504591	SSF x LoA	-8,60595733	-0,087	0,299
CHR3	28505645	CHR3:28505645	SSF x LoA	-10,7659776	0,064	0,296
CHR3	28505648	CHR3:28505648	SSF x LoA	-10,6018624	-0,025	0,291
CHR3	28505658	CHR3:28505658	SSF x LoA	-9,04290084	0,048	0,308
CHR3	28505738	CHR3:28505738	SSF x LoA	-10,3220276	0,026	0,314
CHR3	28507736	CHR3:28507736	SSF x LoA	-12,1099274	0,042	0,311
CHR3	28507887	CHR3:28507887	SSF x LoA	-9,57161968	-0,049	0,314
CHR3	28511564	CHR3:28511564	SSF x LoA	-11,4380515	0,037	0,298

CHR3	28511653	CHR3:28511653	SSF x LoA	-10,7443744	-0,026	0,311
CHR3	28511734	CHR3:28511734	SSF x LoA	-9,94813312	-0,020	0,313
CHR3	28518413	CHR3:28518413	SSF x LoA	-6,40861122	0,109	0,315
CHR3	28527862	CHR3:28527862	SSF x LoA	-6,49812003	0,135	0,304
CHR3	28527910	CHR3:28527910	SSF x LoA	-8,55161353	-0,004	0,301
CHR3	28527916	CHR3:28527916	SSF x LoA	-10,518983	-0,047	0,302
CHR3	28528051	CHR3:28528051	SSF x LoA	-7,42218942	-0,022	0,310
CHR3	28531273	CHR3:28531273	SSF x LoA	-9,53493584	0,025	0,318
CHR3	28531289	CHR3:28531289	SSF x LoA	-7,00070913	-0,029	0,314
CHR3	28531782	CHR3:28531782	SSF x LoA	-9,05139186	0,094	0,305
CHR3	28547713	CHR3:28547713	SSF x LoA	-9,40611585	0,012	0,318
CHR3	28556265	CHR3:28556265	SSF x LoA	-7,53493066	-0,047	0,297
CHR3	28556293	CHR3:28556293	SSF x LoA	-8,47998308	0,138	0,308
CHR3	28556303	CHR3:28556303	SSF x LoA	-6,27623618	0,070	0,321
CHR3	28556319	CHR3:28556319	SSF x LoA	-8,17170978	-0,038	0,313
CHR3	28563979	CHR3:28563979	SSF x LoA	-8,1791182	-0,096	0,297
CHR3	28563997	CHR3:28563997	SSF x LoA	-9,17175612	-0,085	0,316
CHR3	28564031	CHR3:28564031	SSF x LoA	-9,60793498	-0,068	0,307
CHR3	28564062	CHR3:28564062	SSF x LoA	-11,122274	-0,049	0,319
CHR3	28567522	CHR3:28567522	SSF x LoA	-9,73747468	0,075	0,303
CHR3	28567526	CHR3:28567526	SSF x LoA	-9,82318934	-0,020	0,303
CHR3	28568948	CHR3:28568948	SSF x LoA	-10,9021629	0,010	0,305
CHR3	28585237	CHR3:28585237	SSF x LoA	-10,0810993	-0,066	0,303
CHR3	28585456	CHR3:28585456	SSF x LoA	-8,71266887	0,084	0,302
CHR3	28594891	CHR3:28594891	SSF x LoA	-8,1427653	-0,019	0,307
CHR3	28594910	CHR3:28594910	SSF x LoA	-8,59466771	0,003	0,299
CHR3	28594972	CHR3:28594972	SSF x LoA	-9,42032349	0,108	0,302
CHR3	2860093	CHR3:2860093	SSF x LoA	-9,01845468	-0,002	0,315
CHR3	28601127	CHR3:28601127	SSF x LoA	-4,73305886	0,081	0,309
CHR3	28601131	CHR3:28601131	SSF x LoA	-9,68688118	0,067	0,314
CHR3	28601192	CHR3:28601192	SSF x LoA	-3,56438084	-0,129	0,300
CHR3	28601194	CHR3:28601194	SSF x LoA	-8,57157425	-0,135	0,291
CHR3	28601210	CHR3:28601210	SSF x LoA	-11,4648289	-0,033	0,292
CHR3	28601214	CHR3:28601214	SSF x LoA	-10,201379	-0,105	0,307
CHR3	28601249	CHR3:28601249	SSF x LoA	-9,92158658	0,076	0,311
CHR3	28601331	CHR3:28601331	SSF x LoA	-6,01426939	-0,062	0,312
CHR3	28601343	CHR3:28601343	SSF x LoA	-9,98674894	-0,116	0,301
CHR3	28601368	CHR3:28601368	SSF x LoA	-9,46177618	0,062	0,315
CHR3	28638606	CHR3:28638606	SSF x LoA	-8,99167381	0,023	0,305
CHR3	28638852	CHR3:28638852	SSF x LoA	-10,3487569	0,034	0,307
CHR3	28647215	CHR3:28647215	SSF x LoA	-9,44607914	0,005	0,321
CHR3	28651236	CHR3:28651236	SSF x LoA	-8,35703693	-0,005	0,290
CHR3	28651285	CHR3:28651285	SSF x LoA	-8,50794236	-0,024	0,307
CHR3	28651379	CHR3:28651379	SSF x LoA	-6,86635593	-0,019	0,309
CHR3	28653556	CHR3:28653556	SSF x LoA	-9,3482395	0,193	0,302
CHR3	28658382	CHR3:28658382	SSF x LoA	-11,8228254	-0,071	0,308
CHR3	28658467	CHR3:28658467	SSF x LoA	-8,36820688	-0,009	0,312
CHR3	28658495	CHR3:28658495	SSF x LoA	-8,95354216	-0,033	0,296
CHR3	28668001	CHR3:28668001	SSF x LoA	-9,06146154	-0,034	0,302
CHR3	28668140	CHR3:28668140	SSF x LoA	-10,0990934	-0,007	0,316
CHR3	28672970	CHR3:28672970	SSF x LoA	-11,0183421	0,026	0,300
CHR3	2867609	CHR3:2867609	SSF x LoA	-9,02605482	0,032	0,315
CHR3	28676960	CHR3:28676960	SSF x LoA	-8,77288903	0,053	0,297

CHR3	28676966	CHR3:28676966	SSF x LoA	-7,84037653	0,022	0,301
CHR3	28677001	CHR3:28677001	SSF x LoA	-7,89588717	-0,024	0,311
CHR3	28677038	CHR3:28677038	SSF x LoA	-11,3843201	0,057	0,299
CHR3	28685543	CHR3:28685543	SSF x LoA	-8,56171548	0,056	0,316
CHR3	28685573	CHR3:28685573	SSF x LoA	-9,47856013	-0,028	0,309
CHR3	28685577	CHR3:28685577	SSF x LoA	-8,12326044	-0,020	0,316
CHR3	28689338	CHR3:28689338	SSF x LoA	-10,5640987	-0,018	0,302
CHR3	28689414	CHR3:28689414	SSF x LoA	-10,833988	-0,043	0,302
CHR3	28689584	CHR3:28689584	SSF x LoA	-6,25573279	0,173	0,300
CHR3	28689609	CHR3:28689609	SSF x LoA	-6,58358274	-0,140	0,308
CHR3	28699367	CHR3:28699367	SSF x LoA	-9,90394243	0,004	0,301
CHR3	28699496	CHR3:28699496	SSF x LoA	-10,7139711	-0,031	0,292
CHR3	28699505	CHR3:28699505	SSF x LoA	-10,6041883	-0,051	0,302
CHR3	28715510	CHR3:28715510	SSF x LoA	-7,86110385	0,123	0,313
CHR3	28717348	CHR3:28717348	SSF x LoA	-10,9803836	-0,028	0,310
CHR3	28717444	CHR3:28717444	SSF x LoA	-11,4321033	-0,017	0,308
CHR3	28717448	CHR3:28717448	SSF x LoA	-7,78218988	-0,038	0,305
CHR3	28735649	CHR3:28735649	SSF x LoA	-9,52507744	-0,019	0,320
CHR3	28736539	CHR3:28736539	SSF x LoA	-8,42599663	-0,118	0,305
CHR3	28736545	CHR3:28736545	SSF x LoA	-7,42678254	-0,079	0,306
CHR3	28736547	CHR3:28736547	SSF x LoA	-7,9412405	-0,106	0,311
CHR3	28736589	CHR3:28736589	SSF x LoA	-11,2882415	-0,018	0,304
CHR3	28739669	CHR3:28739669	SSF x LoA	-9,3965639	0,061	0,312
CHR3	28740516	CHR3:28740516	SSF x LoA	-11,1054846	-0,002	0,312
CHR3	28740604	CHR3:28740604	SSF x LoA	-10,71035	0,006	0,299
CHR3	28740618	CHR3:28740618	SSF x LoA	-9,58658321	0,107	0,296
CHR3	28740621	CHR3:28740621	SSF x LoA	-8,49632638	0,075	0,296
CHR3	28740674	CHR3:28740674	SSF x LoA	-10,0354435	0,131	0,298
CHR3	28740773	CHR3:28740773	SSF x LoA	-7,06095466	-0,158	0,301
CHR3	28747292	CHR3:28747292	SSF x LoA	-9,86939071	-0,099	0,308
CHR3	28747296	CHR3:28747296	SSF x LoA	-10,9734383	0,065	0,299
CHR3	28767212	CHR3:28767212	SSF x LoA	-7,46628026	0,066	0,311
CHR3	28767268	CHR3:28767268	SSF x LoA	-10,9439733	-0,124	0,286
CHR3	28767307	CHR3:28767307	SSF x LoA	-8,36738479	0,013	0,292
CHR3	28768297	CHR3:28768297	SSF x LoA	-9,6846967	0,075	0,307
CHR3	28773179	CHR3:28773179	SSF x LoA	-8,36405747	-0,125	0,313
CHR3	28773241	CHR3:28773241	SSF x LoA	-9,17118058	-0,159	0,302
CHR3	28773270	CHR3:28773270	SSF x LoA	-7,70116128	-0,087	0,324
CHR3	28773379	CHR3:28773379	SSF x LoA	-10,4283473	-0,090	0,306
CHR3	28773525	CHR3:28773525	SSF x LoA	-9,272984	-0,096	0,296
CHR3	2878818	CHR3:2878818	SSF x LoA	-10,8092432	-0,030	0,306
CHR3	2879358	CHR3:2879358	SSF x LoA	-6,48312054	0,079	0,323
CHR3	2879427	CHR3:2879427	SSF x LoA	-9,23127657	0,006	0,312
CHR3	28804846	CHR3:28804846	SSF x LoA	-8,30152235	-0,052	0,312
CHR3	28804876	CHR3:28804876	SSF x LoA	-9,08812641	-0,191	0,296
CHR3	28804886	CHR3:28804886	SSF x LoA	-7,43291342	-0,112	0,309
CHR3	28804896	CHR3:28804896	SSF x LoA	-8,78815956	-0,001	0,312
CHR3	28804964	CHR3:28804964	SSF x LoA	-11,188145	0,021	0,309
CHR3	28804965	CHR3:28804965	SSF x LoA	-11,2576438	0,034	0,298
CHR3	28804976	CHR3:28804976	SSF x LoA	-9,97552409	-0,140	0,309
CHR3	28804978	CHR3:28804978	SSF x LoA	-11,1863059	-0,111	0,303
CHR3	28805000	CHR3:28805000	SSF x LoA	-10,0959722	-0,106	0,302
CHR3	28805001	CHR3:28805001	SSF x LoA	-8,60668764	-0,100	0,316

CHR3	28805018	CHR3:28805018	SSF x LoA	-9,58587348	-0,112	0,309
CHR3	28805020	CHR3:28805020	SSF x LoA	-6,96572714	0,105	0,317
CHR3	28811278	CHR3:28811278	SSF x LoA	-8,54142655	-0,088	0,303
CHR3	28811446	CHR3:28811446	SSF x LoA	-6,25392391	0,092	0,307
CHR3	28814686	CHR3:28814686	SSF x LoA	-11,0559333	-0,047	0,302
CHR3	28814783	CHR3:28814783	SSF x LoA	-6,20977262	0,142	0,309
CHR3	28822113	CHR3:28822113	SSF x LoA	-7,08737144	-0,126	0,306
CHR3	28822310	CHR3:28822310	SSF x LoA	-11,0590006	-0,031	0,306
CHR3	28822418	CHR3:28822418	SSF x LoA	-12,1683686	0,001	0,300
CHR3	28826022	CHR3:28826022	SSF x LoA	-8,50131802	-0,079	0,290
CHR3	28826023	CHR3:28826023	SSF x LoA	-8,24003188	0,027	0,305
CHR3	28826028	CHR3:28826028	SSF x LoA	-9,28237604	0,054	0,300
CHR3	28826049	CHR3:28826049	SSF x LoA	-9,00040268	0,025	0,307
CHR3	28826156	CHR3:28826156	SSF x LoA	-11,3285246	0,009	0,300
CHR3	28826272	CHR3:28826272	SSF x LoA	-11,9564584	0,002	0,287
CHR3	28826296	CHR3:28826296	SSF x LoA	-6,8867242	-0,074	0,311
CHR3	28826327	CHR3:28826327	SSF x LoA	-7,03529631	-0,069	0,317
CHR3	28826328	CHR3:28826328	SSF x LoA	-10,1985376	0,026	0,312
CHR3	28826335	CHR3:28826335	SSF x LoA	-6,23730394	-0,050	0,315
CHR3	28826339	CHR3:28826339	SSF x LoA	-7,22087074	0,081	0,297
CHR3	28832277	CHR3:28832277	SSF x LoA	-10,4673979	-0,017	0,293
CHR3	28832337	CHR3:28832337	SSF x LoA	-8,64763413	-0,101	0,318
CHR3	28832344	CHR3:28832344	SSF x LoA	-8,1425108	-0,116	0,304
CHR3	28832518	CHR3:28832518	SSF x LoA	-8,9705482	0,041	0,307
CHR3	2883458	CHR3:2883458	SSF x LoA	-10,0517441	0,070	0,307
CHR3	2883511	CHR3:2883511	SSF x LoA	-11,3431571	0,035	0,301
CHR3	28844193	CHR3:28844193	SSF x LoA	-8,59126998	-0,034	0,316
CHR3	28844251	CHR3:28844251	SSF x LoA	-5,53620655	0,102	0,308
CHR3	28844452	CHR3:28844452	SSF x LoA	-8,71544528	0,069	0,311
CHR3	28849082	CHR3:28849082	SSF x LoA	-9,95320261	-0,079	0,302
CHR3	28849183	CHR3:28849183	SSF x LoA	-10,5260338	0,093	0,300
CHR3	28854992	CHR3:28854992	SSF x LoA	-7,35770131	0,064	0,307
CHR3	28855212	CHR3:28855212	SSF x LoA	-11,1659386	-0,012	0,310
CHR3	28863899	CHR3:28863899	SSF x LoA	-8,0196826	0,107	0,303
CHR3	28864077	CHR3:28864077	SSF x LoA	-9,76343683	-0,044	0,310
CHR3	28880400	CHR3:28880400	SSF x LoA	-6,29616122	-0,068	0,316
CHR3	28880505	CHR3:28880505	SSF x LoA	-8,77425969	-0,091	0,299
CHR3	28884413	CHR3:28884413	SSF x LoA	-12,2143528	-0,006	0,311
CHR3	28884493	CHR3:28884493	SSF x LoA	-8,71699226	0,024	0,324
CHR3	28890322	CHR3:28890322	SSF x LoA	-10,3898522	0,096	0,308
CHR3	28893730	CHR3:28893730	SSF x LoA	-9,81713891	-0,002	0,313
CHR3	28893733	CHR3:28893733	SSF x LoA	-4,70151182	-0,155	0,304
CHR3	28897347	CHR3:28897347	SSF x LoA	-8,1328756	0,030	0,327
CHR3	28899836	CHR3:28899836	SSF x LoA	-11,3929407	0,030	0,308
CHR3	28899847	CHR3:28899847	SSF x LoA	-5,12432309	-0,106	0,287
CHR3	28903065	CHR3:28903065	SSF x LoA	-9,19123057	0,085	0,304
CHR3	28903111	CHR3:28903111	SSF x LoA	-7,50419746	0,052	0,295
CHR3	28903122	CHR3:28903122	SSF x LoA	-10,5007379	-0,059	0,308
CHR3	28912421	CHR3:28912421	SSF x LoA	-8,99766929	0,007	0,314
CHR3	28918420	CHR3:28918420	SSF x LoA	-10,0193011	-0,042	0,317
CHR3	28918468	CHR3:28918468	SSF x LoA	-7,78835646	0,047	0,310
CHR3	28918508	CHR3:28918508	SSF x LoA	-8,08272561	-0,117	0,304
CHR3	28918571	CHR3:28918571	SSF x LoA	-11,4311906	-0,091	0,302

CHR3	28918573	CHR3:28918573	SSF x LoA	-10,7754305	0,051	0,312
CHR3	28928482	CHR3:28928482	SSF x LoA	-10,5420826	-0,037	0,307
CHR3	28930657	CHR3:28930657	SSF x LoA	-9,24638926	-0,037	0,304
CHR3	28930710	CHR3:28930710	SSF x LoA	-4,19370545	-0,152	0,312
CHR3	28930823	CHR3:28930823	SSF x LoA	-6,26310966	0,131	0,306
CHR3	28939017	CHR3:28939017	SSF x LoA	-10,3050088	0,108	0,316
CHR3	28940342	CHR3:28940342	SSF x LoA	-8,3675893	-0,069	0,306
CHR3	28940395	CHR3:28940395	SSF x LoA	-2,99371346	0,111	0,318
CHR3	28946534	CHR3:28946534	SSF x LoA	-6,38599653	0,211	0,297
CHR3	28950768	CHR3:28950768	SSF x LoA	-8,39406869	-0,115	0,315
CHR3	28950822	CHR3:28950822	SSF x LoA	-7,83842815	-0,069	0,310
CHR3	28952486	CHR3:28952486	SSF x LoA	-8,71342329	-0,057	0,299
CHR3	28952488	CHR3:28952488	SSF x LoA	-7,47517139	-0,053	0,297
CHR3	28952552	CHR3:28952552	SSF x LoA	-4,30418737	0,093	0,292
CHR3	28952588	CHR3:28952588	SSF x LoA	-8,62699922	-0,027	0,318
CHR3	28952697	CHR3:28952697	SSF x LoA	-8,94484883	-0,025	0,299
CHR3	28954398	CHR3:28954398	SSF x LoA	-9,61611522	0,059	0,304
CHR3	28961533	CHR3:28961533	SSF x LoA	-11,5325911	0,071	0,307
CHR3	28968373	CHR3:28968373	SSF x LoA	-9,33009355	0,038	0,306
CHR3	28991399	CHR3:28991399	SSF x LoA	-10,6255616	0,040	0,305
CHR3	28991516	CHR3:28991516	SSF x LoA	-9,43850446	0,015	0,296
CHR3	28991532	CHR3:28991532	SSF x LoA	-8,68169169	0,067	0,310
CHR3	28994241	CHR3:28994241	SSF x LoA	-7,24516523	0,108	0,308
CHR3	28996445	CHR3:28996445	SSF x LoA	-7,59819769	-0,068	0,311
CHR3	28996454	CHR3:28996454	SSF x LoA	-10,4883519	0,016	0,314
CHR3	28996595	CHR3:28996595	SSF x LoA	-7,02626637	-0,111	0,306
CHR3	29011430	CHR3:29011430	SSF x LoA	-9,74823942	-0,113	0,316
CHR3	2902860	CHR3:2902860	SSF x LoA	9,79602731	-0,110	0,304
CHR3	2903050	CHR3:2903050	SSF x LoA	-3,06175614	-0,148	0,303
CHR3	290357	CHR3:290357	SSF x LoA	-11,042349	0,031	0,295
CHR3	290358	CHR3:290358	SSF x LoA	-11,6033129	0,017	0,297
CHR3	29040781	CHR3:29040781	SSF x LoA	-11,7892208	-0,066	0,310
CHR3	29040786	CHR3:29040786	SSF x LoA	-4,82717043	-0,122	0,311
CHR3	2904352	CHR3:2904352	SSF x LoA	-8,07554153	0,045	0,311
CHR3	2904514	CHR3:2904514	SSF x LoA	-8,85138114	-0,192	0,301
CHR3	2904544	CHR3:2904544	SSF x LoA	-8,79767973	0,065	0,314
CHR3	2904577	CHR3:2904577	SSF x LoA	-9,75846231	-0,190	0,305
CHR3	2904582	CHR3:2904582	SSF x LoA	-8,74934191	-0,085	0,311
CHR3	2905923	CHR3:2905923	SSF x LoA	-10,3621059	-0,079	0,301
CHR3	29071098	CHR3:29071098	SSF x LoA	-8,83651569	-0,059	0,303
CHR3	29071184	CHR3:29071184	SSF x LoA	-11,4984217	-0,048	0,297
CHR3	29074366	CHR3:29074366	SSF x LoA	-9,39312162	0,032	0,309
CHR3	29074497	CHR3:29074497	SSF x LoA	-10,0643879	-0,096	0,312
CHR3	29078252	CHR3:29078252	SSF x LoA	-7,47202908	-0,020	0,307
CHR3	29088434	CHR3:29088434	SSF x LoA	-11,356192	0,028	0,302
CHR3	29088475	CHR3:29088475	SSF x LoA	-11,50683	0,033	0,300
CHR3	29088503	CHR3:29088503	SSF x LoA	-8,91928947	0,037	0,310
CHR3	2909273	CHR3:2909273	SSF x LoA	-9,13706576	0,036	0,311
CHR3	29093009	CHR3:29093009	SSF x LoA	-3,7158156	-0,056	0,309
CHR3	2909319	CHR3:2909319	SSF x LoA	-7,87421176	0,032	0,297
CHR3	2909335	CHR3:2909335	SSF x LoA	-10,4330944	0,029	0,308
CHR3	29093683	CHR3:29093683	SSF x LoA	-3,66103033	-0,138	0,310
CHR3	29134744	CHR3:29134744	SSF x LoA	-8,42926643	-0,092	0,300

CHR3	29136157	CHR3:29136157	SSF x LoA	-8,90187955	0,126	0,312
CHR3	29145172	CHR3:29145172	SSF x LoA	-8,70727853	-0,079	0,303
CHR3	29145181	CHR3:29145181	SSF x LoA	-9,58264603	-0,080	0,313
CHR3	29145199	CHR3:29145199	SSF x LoA	-10,3204957	0,044	0,312
CHR3	29145283	CHR3:29145283	SSF x LoA	-8,28079896	0,027	0,306
CHR3	29157711	CHR3:29157711	SSF x LoA	-8,76608306	-0,033	0,307
CHR3	29160149	CHR3:29160149	SSF x LoA	-8,54393408	0,118	0,306
CHR3	29160391	CHR3:29160391	SSF x LoA	-10,295506	0,117	0,308
CHR3	29176473	CHR3:29176473	SSF x LoA	-9,81388135	-0,081	0,298
CHR3	29176533	CHR3:29176533	SSF x LoA	-8,86683322	0,041	0,299
CHR3	29179653	CHR3:29179653	SSF x LoA	-7,56611574	-0,136	0,302
CHR3	2918329	CHR3:2918329	SSF x LoA	-8,00518439	0,109	0,302
CHR3	2918425	CHR3:2918425	SSF x LoA	-11,1930247	0,031	0,304
CHR3	29184271	CHR3:29184271	SSF x LoA	-8,66047566	-0,079	0,312
CHR3	2918494	CHR3:2918494	SSF x LoA	-6,23309582	0,156	0,314
CHR3	29185494	CHR3:29185494	SSF x LoA	-9,22154921	-0,026	0,306
CHR3	29185497	CHR3:29185497	SSF x LoA	-10,9923419	-0,019	0,313
CHR3	29185503	CHR3:29185503	SSF x LoA	-9,32359702	-0,083	0,302
CHR3	29186110	CHR3:29186110	SSF x LoA	-8,56290964	0,063	0,297
CHR3	29193375	CHR3:29193375	SSF x LoA	-7,12924437	-0,036	0,301
CHR3	29193430	CHR3:29193430	SSF x LoA	-7,72128491	-0,028	0,301
CHR3	29197629	CHR3:29197629	SSF x LoA	-8,66089443	-0,064	0,314
CHR3	29197742	CHR3:29197742	SSF x LoA	-9,16540303	-0,028	0,303
CHR3	29209207	CHR3:29209207	SSF x LoA	-8,15924754	0,048	0,309
CHR3	29209277	CHR3:29209277	SSF x LoA	-9,48550184	0,034	0,322
CHR3	2921648	CHR3:2921648	SSF x LoA	-8,7672271	-0,047	0,301
CHR3	29222334	CHR3:29222334	SSF x LoA	-9,0742504	0,007	0,310
CHR3	2923619	CHR3:2923619	SSF x LoA	-8,97425567	0,005	0,310
CHR3	2923641	CHR3:2923641	SSF x LoA	-10,964589	0,078	0,299
CHR3	2923760	CHR3:2923760	SSF x LoA	-10,19094	0,005	0,309
CHR3	29244815	CHR3:29244815	SSF x LoA	-8,77816566	-0,115	0,311
CHR3	29244827	CHR3:29244827	SSF x LoA	-8,68646885	-0,038	0,315
CHR3	29244909	CHR3:29244909	SSF x LoA	-8,06214539	0,009	0,303
CHR3	29245026	CHR3:29245026	SSF x LoA	-6,33421898	-0,113	0,315
CHR3	29249570	CHR3:29249570	SSF x LoA	-11,5147244	0,005	0,307
CHR3	29249577	CHR3:29249577	SSF x LoA	-11,2917156	-0,003	0,315
CHR3	29254676	CHR3:29254676	SSF x LoA	-4,96833377	0,150	0,310
CHR3	29254683	CHR3:29254683	SSF x LoA	-8,07819677	0,149	0,310
CHR3	29254769	CHR3:29254769	SSF x LoA	-8,1684245	0,040	0,317
CHR3	29260087	CHR3:29260087	SSF x LoA	-8,67490145	-0,021	0,318
CHR3	29260684	CHR3:29260684	SSF x LoA	-7,65893363	0,046	0,307
CHR3	29273563	CHR3:29273563	SSF x LoA	-9,46513483	0,076	0,318
CHR3	29273862	CHR3:29273862	SSF x LoA	-9,7728108	0,095	0,306
CHR3	29273864	CHR3:29273864	SSF x LoA	-9,52039941	0,072	0,316
CHR3	29275151	CHR3:29275151	SSF x LoA	-10,2986579	0,018	0,306
CHR3	29275165	CHR3:29275165	SSF x LoA	-9,18537739	0,042	0,306
CHR3	29285242	CHR3:29285242	SSF x LoA	-7,20624932	-0,120	0,313
CHR3	29285300	CHR3:29285300	SSF x LoA	-10,696389	-0,042	0,317
CHR3	29285319	CHR3:29285319	SSF x LoA	-7,17620473	0,108	0,303
CHR3	29285332	CHR3:29285332	SSF x LoA	-10,1484992	-0,008	0,298
CHR3	29285341	CHR3:29285341	SSF x LoA	-8,52061713	-0,019	0,307
CHR3	29285400	CHR3:29285400	SSF x LoA	-7,11900474	-0,040	0,295
CHR3	29287173	CHR3:29287173	SSF x LoA	-10,1559176	0,076	0,304

CHR3	2928892	CHR3:2928892	SSF x LoA	-9,88450563	-0,093	0,300
CHR3	29289888	CHR3:29289888	SSF x LoA	-7,72887852	0,155	0,297
CHR3	29289890	CHR3:29289890	SSF x LoA	-9,29740178	0,043	0,309
CHR3	2929030	CHR3:2929030	SSF x LoA	-9,15087546	-0,056	0,295
CHR3	2929054	CHR3:2929054	SSF x LoA	-9,90643328	0,029	0,309
CHR3	29291790	CHR3:29291790	SSF x LoA	-9,67084148	0,027	0,305
CHR3	29291817	CHR3:29291817	SSF x LoA	-7,06042992	-0,103	0,298
CHR3	2929222	CHR3:2929222	SSF x LoA	-9,88230927	0,013	0,303
CHR3	29297225	CHR3:29297225	SSF x LoA	-5,89654564	-0,001	0,299
CHR3	29297439	CHR3:29297439	SSF x LoA	-6,78159796	0,119	0,301
CHR3	29300332	CHR3:29300332	SSF x LoA	-7,39065013	-0,091	0,321
CHR3	29302591	CHR3:29302591	SSF x LoA	-9,86173636	0,049	0,315
CHR3	29302641	CHR3:29302641	SSF x LoA	-5,94683327	0,055	0,309
CHR3	29304631	CHR3:29304631	SSF x LoA	-7,79563115	0,141	0,292
CHR3	29304706	CHR3:29304706	SSF x LoA	-8,24431765	-0,109	0,311
CHR3	29304709	CHR3:29304709	SSF x LoA	-10,359704	-0,081	0,302
CHR3	29304811	CHR3:29304811	SSF x LoA	-10,003999	-0,095	0,307
CHR3	29304813	CHR3:29304813	SSF x LoA	-9,78019232	-0,100	0,299
CHR3	29321106	CHR3:29321106	SSF x LoA	-8,40879473	-0,032	0,314
CHR3	29326375	CHR3:29326375	SSF x LoA	-9,98791212	0,058	0,307
CHR3	29327902	CHR3:29327902	SSF x LoA	-8,65360981	0,130	0,293
CHR3	29327928	CHR3:29327928	SSF x LoA	-8,89692348	0,004	0,307
CHR3	29327949	CHR3:29327949	SSF x LoA	-9,36386853	-0,092	0,308
CHR3	29327966	CHR3:29327966	SSF x LoA	-6,50350098	-0,143	0,323
CHR3	29328030	CHR3:29328030	SSF x LoA	-9,49632146	0,105	0,317
CHR3	29336818	CHR3:29336818	SSF x LoA	-9,65128649	-0,066	0,310
CHR3	2933843	CHR3:2933843	SSF x LoA	-10,1317711	-0,016	0,301
CHR3	2933918	CHR3:2933918	SSF x LoA	-8,43950071	0,080	0,310
CHR3	2933957	CHR3:2933957	SSF x LoA	-8,57265858	0,035	0,313
CHR3	2933985	CHR3:2933985	SSF x LoA	-8,32356793	0,046	0,322
CHR3	29350479	CHR3:29350479	SSF x LoA	-10,7676524	-0,083	0,298
CHR3	29354571	CHR3:29354571	SSF x LoA	-10,2245851	-0,004	0,313
CHR3	29354580	CHR3:29354580	SSF x LoA	-9,7148848	-0,053	0,300
CHR3	29356136	CHR3:29356136	SSF x LoA	-10,337831	0,139	0,306
CHR3	29356164	CHR3:29356164	SSF x LoA	-6,82962982	-0,047	0,301
CHR3	29356191	CHR3:29356191	SSF x LoA	-6,88914719	0,039	0,311
CHR3	29376760	CHR3:29376760	SSF x LoA	-8,21266834	-0,187	0,304
CHR3	29376777	CHR3:29376777	SSF x LoA	-10,86626	-0,155	0,281
CHR3	29376822	CHR3:29376822	SSF x LoA	-9,26933471	-0,161	0,290
CHR3	29378249	CHR3:29378249	SSF x LoA	-8,6676429	0,116	0,295
CHR3	29378283	CHR3:29378283	SSF x LoA	-11,2488652	0,001	0,305
CHR3	29384419	CHR3:29384419	SSF x LoA	-8,09846881	-0,016	0,312
CHR3	29384426	CHR3:29384426	SSF x LoA	-6,70623584	0,078	0,301
CHR3	29384435	CHR3:29384435	SSF x LoA	-8,60571928	-0,096	0,304
CHR3	29384538	CHR3:29384538	SSF x LoA	-8,36543902	0,084	0,309
CHR3	2939153	CHR3:2939153	SSF x LoA	-7,79858012	0,092	0,299
CHR3	2939250	CHR3:2939250	SSF x LoA	-8,73826155	-0,048	0,297
CHR3	29394677	CHR3:29394677	SSF x LoA	-7,4537993	0,031	0,314
CHR3	29394880	CHR3:29394880	SSF x LoA	-7,8486354	0,148	0,303
CHR3	29394893	CHR3:29394893	SSF x LoA	-7,00878678	0,146	0,302
CHR3	29402361	CHR3:29402361	SSF x LoA	-9,5133569	-0,088	0,313
CHR3	29406258	CHR3:29406258	SSF x LoA	-9,19333409	0,039	0,295
CHR3	29406265	CHR3:29406265	SSF x LoA	-10,7552689	-0,041	0,300

CHR3	29406304	CHR3:29406304	SSF x LoA	-10,3042036	-0,038	0,297
CHR3	29406346	CHR3:29406346	SSF x LoA	-8,22111963	0,013	0,311
CHR3	29406350	CHR3:29406350	SSF x LoA	-6,24377112	-0,088	0,322
CHR3	29406388	CHR3:29406388	SSF x LoA	-11,4261514	0,014	0,305
CHR3	29406474	CHR3:29406474	SSF x LoA	-8,62614631	0,058	0,294
CHR3	29406508	CHR3:29406508	SSF x LoA	-12,2694375	0,054	0,290
CHR3	29408458	CHR3:29408458	SSF x LoA	-10,4832522	-0,123	0,292
CHR3	29408536	CHR3:29408536	SSF x LoA	-9,77230171	-0,066	0,308
CHR3	29416073	CHR3:29416073	SSF x LoA	-10,8562216	-0,040	0,297
CHR3	29416075	CHR3:29416075	SSF x LoA	-11,4187487	-0,009	0,299
CHR3	29416115	CHR3:29416115	SSF x LoA	-9,40589504	0,019	0,302
CHR3	29416244	CHR3:29416244	SSF x LoA	-6,02830306	0,072	0,314
CHR3	29416261	CHR3:29416261	SSF x LoA	-11,0001423	0,082	0,296
CHR3	29417069	CHR3:29417069	SSF x LoA	-5,82767034	-0,113	0,305
CHR3	29417153	CHR3:29417153	SSF x LoA	-9,18783978	0,006	0,308
CHR3	29419315	CHR3:29419315	SSF x LoA	-10,1087988	-0,010	0,314
CHR3	29419361	CHR3:29419361	SSF x LoA	-11,3299308	0,051	0,314
CHR3	29419364	CHR3:29419364	SSF x LoA	-10,4703554	-0,056	0,315
CHR3	29419392	CHR3:29419392	SSF x LoA	-6,19280744	0,074	0,310
CHR3	29419402	CHR3:29419402	SSF x LoA	-10,5346019	0,073	0,317
CHR3	29419413	CHR3:29419413	SSF x LoA	-8,01749738	0,055	0,304
CHR3	29419461	CHR3:29419461	SSF x LoA	-8,05032213	-0,049	0,304
CHR3	29419488	CHR3:29419488	SSF x LoA	-9,52427012	0,097	0,308
CHR3	29419491	CHR3:29419491	SSF x LoA	-10,3782359	0,127	0,290
CHR3	29433804	CHR3:29433804	SSF x LoA	-9,53459362	0,019	0,310
CHR3	29433814	CHR3:29433814	SSF x LoA	-7,8043508	-0,031	0,312
CHR3	29445713	CHR3:29445713	SSF x LoA	-8,66060783	-0,116	0,311
CHR3	29448012	CHR3:29448012	SSF x LoA	-9,59062991	0,022	0,311
CHR3	29448018	CHR3:29448018	SSF x LoA	-9,61263004	-0,009	0,300
CHR3	29462261	CHR3:29462261	SSF x LoA	-11,0398126	-0,021	0,295
CHR3	29476348	CHR3:29476348	SSF x LoA	-11,0405897	-0,015	0,318
CHR3	29478039	CHR3:29478039	SSF x LoA	-10,6526538	-0,134	0,296
CHR3	29478067	CHR3:29478067	SSF x LoA	-10,5401302	0,024	0,301
CHR3	29478103	CHR3:29478103	SSF x LoA	-3,51575928	-0,115	0,291
CHR3	29482007	CHR3:29482007	SSF x LoA	-7,94725431	0,098	0,303
CHR3	29482098	CHR3:29482098	SSF x LoA	-7,79149544	0,068	0,308
CHR3	29489117	CHR3:29489117	SSF x LoA	-8,50317755	-0,063	0,300
CHR3	29490873	CHR3:29490873	SSF x LoA	-9,81014425	-0,020	0,310
CHR3	29492811	CHR3:29492811	SSF x LoA	-7,56425005	0,166	0,305
CHR3	29492813	CHR3:29492813	SSF x LoA	-9,57119723	0,140	0,300
CHR3	29493015	CHR3:29493015	SSF x LoA	-5,10757135	0,088	0,314
CHR3	29493027	CHR3:29493027	SSF x LoA	-10,1741093	-0,079	0,316
CHR3	29493119	CHR3:29493119	SSF x LoA	-9,1770169	0,035	0,303
CHR3	3E+07	CHR3:29500768	SSF x LoA	-10,9746782	-0,037	0,293
CHR3	3E+07	CHR3:29500816	SSF x LoA	-9,26689896	-0,018	0,327
CHR3	3E+07	CHR3:29500832	SSF x LoA	-8,21125954	0,119	0,297
CHR3	3E+07	CHR3:29529826	SSF x LoA	-10,3650478	-0,030	0,297
CHR3	3E+07	CHR3:29531641	SSF x LoA	-1,47513933	-0,214	0,302
CHR3	3E+07	CHR3:29531676	SSF x LoA	-9,71843398	0,104	0,309
CHR3	2953904	CHR3:2953904	SSF x LoA	-11,2542056	-0,020	0,311
CHR3	2953961	CHR3:2953961	SSF x LoA	-9,20898826	-0,062	0,316
CHR3	2953997	CHR3:2953997	SSF x LoA	-10,8412344	0,067	0,317
CHR3	3E+07	CHR3:29542890	SSF x LoA	-6,73408021	-0,079	0,295

CHR3	2955157	CHR3:2955157	SSF x LoA	-1,93993218	-0,090	0,319
CHR3	2955233	CHR3:2955233	SSF x LoA	-8,56014617	0,004	0,305
CHR3	2955266	CHR3:2955266	SSF x LoA	-11,4728375	-0,015	0,308
CHR3	3E+07	CHR3:29555159	SSF x LoA	-8,66056472	-0,123	0,305
CHR3	3E+07	CHR3:29558511	SSF x LoA	-8,53571046	-0,107	0,302
CHR3	3E+07	CHR3:29558532	SSF x LoA	-7,32923015	-0,012	0,310
CHR3	2955969	CHR3:2955969	SSF x LoA	-10,1940355	-0,059	0,322
CHR3	2955997	CHR3:2955997	SSF x LoA	-10,0936868	-0,094	0,308
CHR3	3E+07	CHR3:29564327	SSF x LoA	-7,20183807	0,004	0,305
CHR3	3E+07	CHR3:29564801	SSF x LoA	-9,21999543	-0,039	0,295
CHR3	2956766	CHR3:2956766	SSF x LoA	-11,8017493	0,052	0,289
CHR3	3E+07	CHR3:29574392	SSF x LoA	-10,2033655	-0,073	0,305
CHR3	3E+07	CHR3:29574635	SSF x LoA	-9,16456561	-0,163	0,299
CHR3	3E+07	CHR3:29574642	SSF x LoA	-7,73807898	-0,117	0,306
CHR3	3E+07	CHR3:29574688	SSF x LoA	-7,02605554	-0,042	0,313
CHR3	3E+07	CHR3:29574689	SSF x LoA	-10,0681887	-0,044	0,299
CHR3	3E+07	CHR3:29574705	SSF x LoA	-6,63652811	0,018	0,306
CHR3	3E+07	CHR3:29578124	SSF x LoA	-10,3756983	0,063	0,310
CHR3	3E+07	CHR3:29578170	SSF x LoA	-10,427304	-0,067	0,308
CHR3	3E+07	CHR3:29578220	SSF x LoA	-11,273785	0,004	0,315
CHR3	3E+07	CHR3:29578308	SSF x LoA	-10,386665	0,058	0,302
CHR3	3E+07	CHR3:29581069	SSF x LoA	-10,8112111	0,042	0,300
CHR3	3E+07	CHR3:29581080	SSF x LoA	-9,4573803	-0,023	0,312
CHR3	3E+07	CHR3:29581083	SSF x LoA	-10,2213427	0,064	0,322
CHR3	3E+07	CHR3:29581135	SSF x LoA	-6,74570796	0,129	0,298
CHR3	3E+07	CHR3:29581167	SSF x LoA	-7,84061427	-0,014	0,310
CHR3	3E+07	CHR3:29589665	SSF x LoA	-10,880457	-0,046	0,308
CHR3	3E+07	CHR3:29589726	SSF x LoA	-8,33796612	0,167	0,318
CHR3	3E+07	CHR3:29592002	SSF x LoA	-6,54935441	-0,090	0,317
CHR3	3E+07	CHR3:29592212	SSF x LoA	-9,67611855	0,027	0,311
CHR3	3E+07	CHR3:29601831	SSF x LoA	-10,0665005	-0,054	0,296
CHR3	3E+07	CHR3:29601914	SSF x LoA	-7,13707717	-0,053	0,316
CHR3	3E+07	CHR3:29601984	SSF x LoA	-10,8886552	-0,120	0,301
CHR3	3E+07	CHR3:29605708	SSF x LoA	-9,61515324	-0,143	0,306
CHR3	3E+07	CHR3:29605776	SSF x LoA	-9,36133016	0,026	0,298
CHR3	3E+07	CHR3:29605780	SSF x LoA	-10,9731082	0,090	0,307
CHR3	3E+07	CHR3:29605823	SSF x LoA	-7,64265411	0,036	0,308
CHR3	3E+07	CHR3:29605824	SSF x LoA	-10,0562708	-0,028	0,298
CHR3	3E+07	CHR3:29621748	SSF x LoA	-10,678935	-0,033	0,323
CHR3	3E+07	CHR3:29621756	SSF x LoA	-8,96280978	-0,047	0,296
CHR3	3E+07	CHR3:29621766	SSF x LoA	-7,22324424	-0,166	0,301
CHR3	3E+07	CHR3:29621800	SSF x LoA	-8,5933368	0,015	0,314
CHR3	3E+07	CHR3:29621820	SSF x LoA	-9,2729384	-0,120	0,301
CHR3	3E+07	CHR3:29629084	SSF x LoA	-8,63175635	0,046	0,302
CHR3	3E+07	CHR3:29643357	SSF x LoA	-9,59207428	0,022	0,317
CHR3	2965193	CHR3:2965193	SSF x LoA	-11,8913866	-0,106	0,297
CHR3	2965203	CHR3:2965203	SSF x LoA	-4,65110181	-0,091	0,306
CHR3	2965306	CHR3:2965306	SSF x LoA	-6,20500735	-0,003	0,312
CHR3	2965329	CHR3:2965329	SSF x LoA	-3,83845178	0,139	0,301
CHR3	2965345	CHR3:2965345	SSF x LoA	-10,9162471	0,116	0,305
CHR3	3E+07	CHR3:29657243	SSF x LoA	-8,76750148	0,066	0,307
CHR3	3E+07	CHR3:29701104	SSF x LoA	-8,02616041	-0,120	0,303
CHR3	3E+07	CHR3:29708924	SSF x LoA	-9,63722206	-0,033	0,313

CHR3	3E+07	CHR3:29709883	SSF x LoA	-10,1746617	0,059	0,298
CHR3	2974256	CHR3:2974256	SSF x LoA	-9,076182	0,092	0,302
CHR3	2974433	CHR3:2974433	SSF x LoA	-8,08071853	-0,107	0,308
CHR3	2974446	CHR3:2974446	SSF x LoA	-8,54577268	-0,193	0,297
CHR3	3E+07	CHR3:29756201	SSF x LoA	-7,56220402	-0,098	0,298
CHR3	3E+07	CHR3:29782784	SSF x LoA	-11,6376897	0,107	0,301
CHR3	3E+07	CHR3:29782795	SSF x LoA	-9,3881796	0,158	0,300
CHR3	3E+07	CHR3:29789219	SSF x LoA	-8,77896435	0,068	0,307
CHR3	297952	CHR3:297952	SSF x LoA	-8,03310077	-0,087	0,312
CHR3	297956	CHR3:297956	SSF x LoA	-9,69129333	0,008	0,301
CHR3	3E+07	CHR3:29795897	SSF x LoA	-8,46062517	-0,161	0,289
CHR3	3E+07	CHR3:29795936	SSF x LoA	-6,54720819	-0,158	0,307
CHR3	297977	CHR3:297977	SSF x LoA	-9,07439688	0,067	0,310
CHR3	3E+07	CHR3:29807971	SSF x LoA	-11,505984	-0,088	0,300
CHR3	2981093	CHR3:2981093	SSF x LoA	-8,18957779	0,021	0,305
CHR3	3E+07	CHR3:29816280	SSF x LoA	-11,9339344	-0,021	0,307
CHR3	2982237	CHR3:2982237	SSF x LoA	-9,12690421	-0,068	0,303
CHR3	298274	CHR3:298274	SSF x LoA	-9,34926668	-0,036	0,312
CHR3	2984747	CHR3:2984747	SSF x LoA	-5,95615277	-0,109	0,296
CHR3	2984832	CHR3:2984832	SSF x LoA	-8,52069973	0,028	0,303
CHR3	3E+07	CHR3:29849554	SSF x LoA	-8,8598087	0,086	0,299
CHR3	3E+07	CHR3:29849585	SSF x LoA	-6,52378093	0,068	0,290
CHR3	2986714	CHR3:2986714	SSF x LoA	-9,71688061	0,015	0,297
CHR3	2986834	CHR3:2986834	SSF x LoA	-8,88110872	0,057	0,301
CHR3	2986878	CHR3:2986878	SSF x LoA	-9,19248846	-0,099	0,318
CHR3	3E+07	CHR3:29874329	SSF x LoA	-7,97194527	-0,061	0,311
CHR3	3E+07	CHR3:29874436	SSF x LoA	-11,1531459	-0,025	0,299
CHR3	3E+07	CHR3:29883299	SSF x LoA	-9,56459877	-0,099	0,293
CHR3	3E+07	CHR3:29890275	SSF x LoA	-6,14308322	0,084	0,310
CHR3	3E+07	CHR3:29890310	SSF x LoA	-10,2012475	0,114	0,314
CHR3	2989100	CHR3:2989100	SSF x LoA	-7,10409018	-0,117	0,304
CHR3	2989117	CHR3:2989117	SSF x LoA	-11,3290091	0,096	0,302
CHR3	2989122	CHR3:2989122	SSF x LoA	-8,80718003	-0,005	0,301
CHR3	2989150	CHR3:2989150	SSF x LoA	-7,87460847	0,013	0,299
CHR3	2989195	CHR3:2989195	SSF x LoA	-8,99869639	-0,080	0,309
CHR3	2989199	CHR3:2989199	SSF x LoA	-5,16336368	-0,114	0,298
CHR3	3E+07	CHR3:29894393	SSF x LoA	-11,0883297	-0,028	0,314
CHR3	3E+07	CHR3:29894396	SSF x LoA	-9,87306616	0,078	0,308
CHR3	3E+07	CHR3:29894943	SSF x LoA	-11,4738706	-0,041	0,300
CHR3	3E+07	CHR3:29903783	SSF x LoA	-10,1733353	-0,035	0,294
CHR3	3E+07	CHR3:29903974	SSF x LoA	-11,0200024	0,008	0,299
CHR3	3E+07	CHR3:29910032	SSF x LoA	-7,02511672	-0,073	0,298
CHR3	3E+07	CHR3:29940513	SSF x LoA	-9,06082681	0,116	0,302
CHR3	3E+07	CHR3:29943775	SSF x LoA	-9,80979784	-0,003	0,313
CHR3	3E+07	CHR3:29943807	SSF x LoA	-9,33078528	-0,025	0,296
CHR3	3E+07	CHR3:29943809	SSF x LoA	-9,88781872	-0,037	0,295
CHR3	3E+07	CHR3:29943949	SSF x LoA	-9,12073285	-0,076	0,297
CHR3	3E+07	CHR3:29967117	SSF x LoA	3,93849561	0,057	0,328
CHR3	299682	CHR3:299682	SSF x LoA	-7,45412262	0,012	0,317
CHR3	3E+07	CHR3:29997131	SSF x LoA	-6,54746388	-0,005	0,310
CHR3	3E+07	CHR3:29997134	SSF x LoA	-11,1950225	-0,011	0,296
CHR3	3001860	CHR3:3001860	SSF x LoA	-8,95525589	-0,036	0,321
CHR3	3001924	CHR3:3001924	SSF x LoA	-8,72067903	-0,046	0,319

CHR3	3001975	CHR3:3001975	SSF x LoA	-10,8474856	0,108	0,305
CHR3	3002095	CHR3:3002095	SSF x LoA	-5,28904103	0,147	0,299
CHR3	3002102	CHR3:3002102	SSF x LoA	-7,95505388	0,173	0,296
CHR3	3002105	CHR3:3002105	SSF x LoA	-6,57546522	0,164	0,302
CHR3	3002109	CHR3:3002109	SSF x LoA	-6,67491571	0,185	0,305
CHR3	3002181	CHR3:3002181	SSF x LoA	-9,05474068	-0,074	0,304
CHR3	3E+07	CHR3:30030661	SSF x LoA	-11,5273852	-0,001	0,298
CHR3	3E+07	CHR3:30039667	SSF x LoA	-11,8907751	0,005	0,311
CHR3	3E+07	CHR3:30039673	SSF x LoA	-9,96963723	0,001	0,317
CHR3	3E+07	CHR3:30039769	SSF x LoA	-11,1470215	-0,017	0,300
CHR3	3E+07	CHR3:30045755	SSF x LoA	-7,80449403	0,066	0,308
CHR3	3E+07	CHR3:30048099	SSF x LoA	-9,21283401	0,127	0,301
CHR3	3E+07	CHR3:30048122	SSF x LoA	-7,03097198	-0,054	0,296
CHR3	3E+07	CHR3:30049855	SSF x LoA	-7,7667354	-0,058	0,311
CHR3	3E+07	CHR3:30049878	SSF x LoA	-9,73972658	-0,050	0,312
CHR3	3E+07	CHR3:30049910	SSF x LoA	-9,60442108	0,007	0,289
CHR3	3E+07	CHR3:30049925	SSF x LoA	-9,60780808	-0,029	0,303
CHR3	3006307	CHR3:3006307	SSF x LoA	-8,03853521	0,036	0,303
CHR3	3006441	CHR3:3006441	SSF x LoA	-10,2885845	-0,060	0,308
CHR3	3006501	CHR3:3006501	SSF x LoA	-10,0582367	-0,054	0,307
CHR3	3E+07	CHR3:30068078	SSF x LoA	-7,75672168	-0,015	0,315
CHR3	3E+07	CHR3:30073686	SSF x LoA	-10,8720798	0,034	0,313
CHR3	3E+07	CHR3:30073794	SSF x LoA	-11,4048173	-0,028	0,321
CHR3	3E+07	CHR3:30073865	SSF x LoA	-8,04366447	-0,016	0,300
CHR3	3E+07	CHR3:30076597	SSF x LoA	-9,39045454	0,009	0,310
CHR3	3E+07	CHR3:30077729	SSF x LoA	-11,6236476	-0,031	0,300
CHR3	3E+07	CHR3:30077785	SSF x LoA	-11,5229514	-0,032	0,308
CHR3	3007930	CHR3:3007930	SSF x LoA	-1,86632334	0,139	0,295
CHR3	3E+07	CHR3:30088093	SSF x LoA	-5,5098457	-0,116	0,304
CHR3	3E+07	CHR3:30088111	SSF x LoA	-7,85026092	-0,093	0,311
CHR3	3E+07	CHR3:30088141	SSF x LoA	-10,9505156	-0,052	0,295
CHR3	3E+07	CHR3:30088195	SSF x LoA	-9,23555299	0,037	0,311
CHR3	3E+07	CHR3:30088269	SSF x LoA	-10,9199719	-0,030	0,309
CHR3	3E+07	CHR3:30088296	SSF x LoA	-10,4941377	-0,014	0,308
CHR3	3E+07	CHR3:30089935	SSF x LoA	-10,4737482	-0,094	0,304
CHR3	3E+07	CHR3:30089940	SSF x LoA	-8,29012502	0,032	0,295
CHR3	3E+07	CHR3:30089943	SSF x LoA	-5,22356582	0,130	0,301
CHR3	3E+07	CHR3:30090011	SSF x LoA	-3,73250835	-0,058	0,305
CHR3	3E+07	CHR3:30090045	SSF x LoA	-9,36971903	0,050	0,302
CHR3	3E+07	CHR3:30090054	SSF x LoA	-8,36975972	0,017	0,295
CHR3	3E+07	CHR3:30094011	SSF x LoA	-7,29267995	-0,138	0,302
CHR3	3E+07	CHR3:30094031	SSF x LoA	-0,85134413	-0,153	0,300
CHR3	3E+07	CHR3:30094033	SSF x LoA	-9,119805	-0,138	0,298
CHR3	3E+07	CHR3:30094053	SSF x LoA	-4,82761849	0,152	0,309
CHR3	3E+07	CHR3:30094065	SSF x LoA	-7,4746888	0,076	0,303
CHR3	3E+07	CHR3:30094135	SSF x LoA	-3,84019106	0,144	0,313
CHR3	3E+07	CHR3:30094145	SSF x LoA	-5,32680612	0,180	0,300
CHR3	3E+07	CHR3:30094188	SSF x LoA	-9,16856847	0,053	0,306
CHR3	3E+07	CHR3:30094219	SSF x LoA	-6,05443156	0,170	0,302
CHR3	3E+07	CHR3:30094231	SSF x LoA	-10,7990165	0,087	0,315
CHR3	3E+07	CHR3:30094234	SSF x LoA	-6,44635405	0,142	0,304
CHR3	3E+07	CHR3:30094263	SSF x LoA	-9,07229919	-0,173	0,292
CHR3	3009703	CHR3:3009703	SSF x LoA	-7,02900955	0,109	0,296

CHR3	3009786	CHR3:3009786	SSF x LoA	-6,14197137	0,015	0,313
CHR3	3E+07	CHR3:30099779	SSF x LoA	-12,2233436	0,073	0,305
CHR3	3E+07	CHR3:30099781	SSF x LoA	-9,13689113	-0,017	0,305
CHR3	3E+07	CHR3:30099821	SSF x LoA	-11,0742091	0,096	0,290
CHR3	3E+07	CHR3:30099866	SSF x LoA	-11,4686019	0,044	0,308
CHR3	3E+07	CHR3:30102835	SSF x LoA	-8,76805822	0,011	0,307
CHR3	3E+07	CHR3:30102842	SSF x LoA	-6,77640258	0,043	0,307
CHR3	3E+07	CHR3:30102867	SSF x LoA	-8,9107478	0,028	0,315
CHR3	3E+07	CHR3:30102872	SSF x LoA	-7,54705957	-0,089	0,322
CHR3	3E+07	CHR3:30111552	SSF x LoA	-7,54667238	0,051	0,298
CHR3	3E+07	CHR3:30115450	SSF x LoA	-7,64654141	-0,031	0,311
CHR3	3E+07	CHR3:30115482	SSF x LoA	-8,10875	-0,136	0,299
CHR3	3E+07	CHR3:30121168	SSF x LoA	-7,78889271	0,126	0,306
CHR3	3E+07	CHR3:30121276	SSF x LoA	-10,7604058	-0,092	0,302
CHR3	3E+07	CHR3:30128648	SSF x LoA	-11,3791026	0,019	0,322
CHR3	3E+07	CHR3:30128770	SSF x LoA	-6,31186069	-0,072	0,303
CHR3	3E+07	CHR3:30128796	SSF x LoA	-8,82054159	-0,066	0,298
CHR3	3E+07	CHR3:30128798	SSF x LoA	-8,03722103	-0,064	0,314
CHR3	3E+07	CHR3:30128954	SSF x LoA	-5,80971582	-0,024	0,303
CHR3	3E+07	CHR3:30129008	SSF x LoA	-8,01840889	-0,098	0,302
CHR3	3E+07	CHR3:30131738	SSF x LoA	-10,8732386	-0,042	0,323
CHR3	3E+07	CHR3:30133773	SSF x LoA	-7,6591813	-0,046	0,306
CHR3	3E+07	CHR3:30133776	SSF x LoA	-8,95960876	0,096	0,298
CHR3	3E+07	CHR3:30136372	SSF x LoA	-10,1326191	0,083	0,315
CHR3	3E+07	CHR3:30146297	SSF x LoA	-9,30593107	-0,066	0,316
CHR3	3E+07	CHR3:30146365	SSF x LoA	-8,02783025	0,040	0,299
CHR3	3E+07	CHR3:30146436	SSF x LoA	-11,5520092	0,027	0,305
CHR3	3E+07	CHR3:30146437	SSF x LoA	-9,29592175	0,004	0,303
CHR3	3E+07	CHR3:30146461	SSF x LoA	-8,27364371	0,047	0,301
CHR3	3E+07	CHR3:30146463	SSF x LoA	-7,26694334	0,135	0,295
CHR3	3E+07	CHR3:30148652	SSF x LoA	-9,53296464	-0,048	0,306
CHR3	3E+07	CHR3:30148657	SSF x LoA	-8,31084171	-0,064	0,299
CHR3	3E+07	CHR3:30148709	SSF x LoA	-9,65354624	0,003	0,314
CHR3	3E+07	CHR3:30149401	SSF x LoA	-10,4132524	0,029	0,320
CHR3	3E+07	CHR3:30162616	SSF x LoA	-8,97056749	0,072	0,297
CHR3	3E+07	CHR3:30162626	SSF x LoA	-9,48152148	0,055	0,311
CHR3	3E+07	CHR3:30162641	SSF x LoA	0,78907339	-0,119	0,298
CHR3	3E+07	CHR3:30162655	SSF x LoA	-8,76606476	-0,105	0,298
CHR3	3E+07	CHR3:30162656	SSF x LoA	-10,8812642	0,015	0,300
CHR3	3E+07	CHR3:30162658	SSF x LoA	-9,70601976	0,080	0,312
CHR3	3E+07	CHR3:30162663	SSF x LoA	-9,08128528	0,044	0,313
CHR3	3E+07	CHR3:30162664	SSF x LoA	-9,90889726	-0,031	0,298
CHR3	3E+07	CHR3:30163217	SSF x LoA	-8,83267869	0,026	0,304
CHR3	3E+07	CHR3:30163218	SSF x LoA	-8,75413316	-0,006	0,308
CHR3	3E+07	CHR3:30173412	SSF x LoA	-7,6391212	-0,030	0,317
CHR3	3E+07	CHR3:30173413	SSF x LoA	-10,8448098	-0,068	0,307
CHR3	3E+07	CHR3:30173453	SSF x LoA	-9,81209073	0,037	0,307
CHR3	3E+07	CHR3:30173491	SSF x LoA	-8,84859196	-0,090	0,323
CHR3	3E+07	CHR3:30173539	SSF x LoA	-10,1818212	0,026	0,296
CHR3	3E+07	CHR3:30173659	SSF x LoA	-9,00914434	-0,095	0,285
CHR3	3E+07	CHR3:30190138	SSF x LoA	-9,26754111	-0,055	0,307
CHR3	3E+07	CHR3:30197303	SSF x LoA	-8,04906884	0,125	0,301
CHR3	3E+07	CHR3:30197365	SSF x LoA	-11,2638745	0,019	0,299

CHR3	3E+07	CHR3:30197394	SSF x LoA	-10,315635	0,009	0,306
CHR3	3E+07	CHR3:30197399	SSF x LoA	-10,8761097	0,028	0,306
CHR3	3E+07	CHR3:30199592	SSF x LoA	-10,0313887	0,036	0,313
CHR3	3E+07	CHR3:30201582	SSF x LoA	-7,77604404	-0,055	0,315
CHR3	3E+07	CHR3:30201757	SSF x LoA	-8,43915346	0,050	0,302
CHR3	3E+07	CHR3:30201794	SSF x LoA	-10,9787447	0,037	0,299
CHR3	3E+07	CHR3:30201876	SSF x LoA	-11,5859978	0,018	0,305
CHR3	3E+07	CHR3:30205490	SSF x LoA	-7,9369904	-0,037	0,308
CHR3	3E+07	CHR3:30205492	SSF x LoA	-7,34081254	-0,041	0,317
CHR3	3E+07	CHR3:30205498	SSF x LoA	-11,3533138	0,033	0,314
CHR3	3E+07	CHR3:30205606	SSF x LoA	-10,5023204	0,012	0,308
CHR3	3E+07	CHR3:30205666	SSF x LoA	-10,7497891	0,006	0,311
CHR3	3E+07	CHR3:30205667	SSF x LoA	-10,3029137	-0,010	0,320
CHR3	3E+07	CHR3:30205668	SSF x LoA	-9,50197926	0,030	0,314
CHR3	3E+07	CHR3:30214148	SSF x LoA	-5,64341896	0,119	0,311
CHR3	3E+07	CHR3:30214156	SSF x LoA	-9,60788763	0,056	0,304
CHR3	3E+07	CHR3:30214181	SSF x LoA	-11,3184467	-0,008	0,304
CHR3	3E+07	CHR3:30214225	SSF x LoA	-7,40006545	-0,033	0,312
CHR3	3E+07	CHR3:30214260	SSF x LoA	-7,28442257	0,092	0,300
CHR3	3E+07	CHR3:30218214	SSF x LoA	-11,06098	0,077	0,309
CHR3	3E+07	CHR3:30219367	SSF x LoA	-10,4041269	-0,051	0,300
CHR3	3024013	CHR3:3024013	SSF x LoA	-9,98312667	-0,069	0,308
CHR3	3E+07	CHR3:30241993	SSF x LoA	-8,37398758	0,018	0,311
CHR3	3E+07	CHR3:30242304	SSF x LoA	-8,76063055	-0,104	0,298
CHR3	3E+07	CHR3:30250469	SSF x LoA	-7,66622258	-0,032	0,318
CHR3	3E+07	CHR3:30250504	SSF x LoA	-7,70795081	0,070	0,321
CHR3	3E+07	CHR3:30250507	SSF x LoA	-8,25053035	0,062	0,297
CHR3	3E+07	CHR3:30250516	SSF x LoA	-11,6526226	-0,064	0,311
CHR3	3E+07	CHR3:30250608	SSF x LoA	-9,3005535	-0,083	0,316
CHR3	3E+07	CHR3:30250623	SSF x LoA	-11,179883	-0,004	0,310
CHR3	3E+07	CHR3:30250663	SSF x LoA	-7,94441592	-0,016	0,303
CHR3	3E+07	CHR3:30255195	SSF x LoA	-8,20028666	-0,052	0,314
CHR3	3E+07	CHR3:30255231	SSF x LoA	-5,92464644	-0,208	0,291
CHR3	3E+07	CHR3:30255268	SSF x LoA	-10,3869108	0,055	0,306
CHR3	3E+07	CHR3:30255301	SSF x LoA	-10,5626442	0,058	0,309
CHR3	3E+07	CHR3:30264932	SSF x LoA	-10,419898	0,010	0,320
CHR3	3E+07	CHR3:30264938	SSF x LoA	-8,36336573	-0,114	0,306
CHR3	3E+07	CHR3:30265019	SSF x LoA	-10,4620271	0,100	0,295
CHR3	3E+07	CHR3:30266130	SSF x LoA	-9,67126376	0,052	0,311
CHR3	3E+07	CHR3:30266211	SSF x LoA	-7,52519654	0,149	0,308
CHR3	3E+07	CHR3:30270690	SSF x LoA	-7,56779651	0,083	0,307
CHR3	3E+07	CHR3:30276574	SSF x LoA	-10,5057027	0,007	0,310
CHR3	3E+07	CHR3:30276730	SSF x LoA	-10,2454937	0,099	0,312
CHR3	3E+07	CHR3:30292008	SSF x LoA	-10,3539657	-0,044	0,307
CHR3	3E+07	CHR3:30292112	SSF x LoA	-11,4090345	-0,018	0,303
CHR3	3E+07	CHR3:30294717	SSF x LoA	-10,6160235	0,010	0,313
CHR3	3E+07	CHR3:30294718	SSF x LoA	-10,3681151	0,043	0,314
CHR3	3E+07	CHR3:30294754	SSF x LoA	-10,2190869	-0,070	0,316
CHR3	3E+07	CHR3:30299521	SSF x LoA	-9,5700122	-0,075	0,315
CHR3	3E+07	CHR3:30299599	SSF x LoA	-11,5129897	0,007	0,311
CHR3	3E+07	CHR3:30299676	SSF x LoA	-8,10951662	-0,053	0,315
CHR3	3E+07	CHR3:30299680	SSF x LoA	-9,0730195	-0,001	0,297
CHR3	3E+07	CHR3:30299710	SSF x LoA	-9,26490504	0,031	0,294

CHR3	3E+07	CHR3:30299711	SSF x LoA	-8,3997516	0,105	0,298
CHR3	3E+07	CHR3:30299737	SSF x LoA	-8,36338075	0,022	0,309
CHR3	3E+07	CHR3:30299753	SSF x LoA	-10,7327281	0,053	0,304
CHR3	3E+07	CHR3:30299761	SSF x LoA	-9,1395959	0,027	0,315
CHR3	3E+07	CHR3:30299782	SSF x LoA	-8,3461059	0,085	0,320
CHR3	3E+07	CHR3:30316873	SSF x LoA	-9,24397684	0,046	0,310
CHR3	3E+07	CHR3:30316909	SSF x LoA	-4,64473347	0,280	0,301
CHR3	3E+07	CHR3:30317190	SSF x LoA	-11,4443346	0,026	0,296
CHR3	3E+07	CHR3:30325143	SSF x LoA	-9,0835534	-0,016	0,302
CHR3	3E+07	CHR3:30325146	SSF x LoA	-9,85090942	-0,024	0,300
CHR3	3E+07	CHR3:30325162	SSF x LoA	-9,86448036	0,042	0,307
CHR3	3E+07	CHR3:30325178	SSF x LoA	-8,1170306	0,057	0,307
CHR3	3E+07	CHR3:30325191	SSF x LoA	-9,27207271	-0,038	0,324
CHR3	3E+07	CHR3:30325215	SSF x LoA	-8,62845746	-0,012	0,308
CHR3	3E+07	CHR3:30328748	SSF x LoA	-9,54023314	-0,047	0,293
CHR3	3E+07	CHR3:30328751	SSF x LoA	-7,94074895	0,072	0,313
CHR3	3E+07	CHR3:30328758	SSF x LoA	-9,78069983	0,047	0,308
CHR3	3E+07	CHR3:30328767	SSF x LoA	-8,76345772	0,058	0,306
CHR3	3E+07	CHR3:30328769	SSF x LoA	-10,2432024	0,063	0,287
CHR3	3E+07	CHR3:30328780	SSF x LoA	-8,97494778	-0,227	0,286
CHR3	3E+07	CHR3:30328815	SSF x LoA	-6,72342784	0,098	0,300
CHR3	3E+07	CHR3:30328881	SSF x LoA	-9,91600979	-0,010	0,311
CHR3	3E+07	CHR3:30328914	SSF x LoA	-8,99468071	0,018	0,308
CHR3	3033683	CHR3:3033683	SSF x LoA	-6,77478998	-0,094	0,300
CHR3	3033734	CHR3:3033734	SSF x LoA	-9,10134274	-0,013	0,318
CHR3	3033817	CHR3:3033817	SSF x LoA	-10,5846377	0,013	0,292
CHR3	3033851	CHR3:3033851	SSF x LoA	-7,65722613	-0,014	0,298
CHR3	3E+07	CHR3:30339647	SSF x LoA	-7,37416409	0,075	0,317
CHR3	3E+07	CHR3:30339683	SSF x LoA	-6,72033613	-0,094	0,304
CHR3	3E+07	CHR3:30339940	SSF x LoA	0,61156529	0,175	0,308
CHR3	3E+07	CHR3:30344556	SSF x LoA	-11,040943	0,018	0,306
CHR3	3E+07	CHR3:30344591	SSF x LoA	-10,0423049	-0,011	0,317
CHR3	3E+07	CHR3:30344598	SSF x LoA	-9,51593665	-0,067	0,300
CHR3	3E+07	CHR3:30344629	SSF x LoA	-9,85338434	0,074	0,304
CHR3	3E+07	CHR3:30344688	SSF x LoA	-8,44717616	-0,167	0,303
CHR3	3E+07	CHR3:30344708	SSF x LoA	-8,89125618	-0,079	0,307
CHR3	3E+07	CHR3:30348873	SSF x LoA	-10,4461355	0,056	0,304
CHR3	3E+07	CHR3:30349349	SSF x LoA	-10,9078117	0,000	0,315
CHR3	3E+07	CHR3:30355570	SSF x LoA	-9,17289617	0,016	0,323
CHR3	3E+07	CHR3:30355576	SSF x LoA	-8,23278521	0,053	0,307
CHR3	3E+07	CHR3:30355675	SSF x LoA	-9,88230085	0,008	0,311
CHR3	3E+07	CHR3:30367330	SSF x LoA	-9,16741928	-0,104	0,299
CHR3	3E+07	CHR3:30367476	SSF x LoA	-8,32862287	-0,024	0,305
CHR3	3037090	CHR3:3037090	SSF x LoA	-8,37434443	-0,027	0,304
CHR3	3037107	CHR3:3037107	SSF x LoA	-9,04500236	0,042	0,320
CHR3	3E+07	CHR3:30373930	SSF x LoA	-8,84401265	-0,055	0,308
CHR3	3E+07	CHR3:30374008	SSF x LoA	-9,36717556	-0,117	0,301
CHR3	3E+07	CHR3:30374019	SSF x LoA	-9,15777439	-0,018	0,304
CHR3	3E+07	CHR3:30374054	SSF x LoA	-4,60820959	0,083	0,301
CHR3	3037779	CHR3:3037779	SSF x LoA	-6,74844681	-0,092	0,313
CHR3	3037780	CHR3:3037780	SSF x LoA	-6,97962451	-0,130	0,301
CHR3	3037792	CHR3:3037792	SSF x LoA	-11,2303828	0,045	0,287
CHR3	3E+07	CHR3:30381120	SSF x LoA	-9,99222426	-0,129	0,292

CHR3	3E+07	CHR3:30381177	SSF x LoA	-8,51442595	0,070	0,318
CHR3	3E+07	CHR3:30385283	SSF x LoA	-12,4947301	0,040	0,292
CHR3	3E+07	CHR3:30385471	SSF x LoA	-5,56537858	0,163	0,293
CHR3	3E+07	CHR3:30404150	SSF x LoA	-10,6980892	-0,041	0,309
CHR3	3E+07	CHR3:30404155	SSF x LoA	-8,24100205	-0,005	0,295
CHR3	3E+07	CHR3:30413164	SSF x LoA	-10,7182669	0,004	0,320
CHR3	3E+07	CHR3:30417976	SSF x LoA	13,9798968	-0,036	0,296
CHR3	3E+07	CHR3:30421690	SSF x LoA	-10,5206702	-0,032	0,315
CHR3	3E+07	CHR3:30424151	SSF x LoA	-8,9727523	0,060	0,300
CHR3	3E+07	CHR3:30424182	SSF x LoA	-11,7727628	-0,048	0,305
CHR3	3E+07	CHR3:30428371	SSF x LoA	-9,10439061	0,142	0,304
CHR3	3E+07	CHR3:30429310	SSF x LoA	-6,83505568	-0,076	0,286
CHR3	3E+07	CHR3:30433106	SSF x LoA	-3,33245198	-0,157	0,307
CHR3	3E+07	CHR3:30436096	SSF x LoA	-10,4525403	0,019	0,309
CHR3	3E+07	CHR3:30442634	SSF x LoA	-7,640989	-0,118	0,294
CHR3	3E+07	CHR3:30442856	SSF x LoA	-9,1683964	0,004	0,312
CHR3	3E+07	CHR3:30442937	SSF x LoA	-7,4990402	-0,046	0,311
CHR3	3E+07	CHR3:30447727	SSF x LoA	-9,705017	-0,046	0,306
CHR3	3E+07	CHR3:30448764	SSF x LoA	-7,95661679	0,023	0,310
CHR3	3E+07	CHR3:30448794	SSF x LoA	-7,58029009	0,022	0,311
CHR3	3E+07	CHR3:30448939	SSF x LoA	-8,37333051	-0,106	0,299
CHR3	3E+07	CHR3:30448943	SSF x LoA	-7,80686625	-0,131	0,290
CHR3	3E+07	CHR3:30479896	SSF x LoA	-7,94535711	-0,031	0,300
CHR3	3E+07	CHR3:30479907	SSF x LoA	-6,84417421	-0,045	0,300
CHR3	3E+07	CHR3:30479926	SSF x LoA	-8,53001547	-0,028	0,298
CHR3	3E+07	CHR3:30479962	SSF x LoA	-8,28107114	-0,033	0,299
CHR3	3E+07	CHR3:30479982	SSF x LoA	-6,73703678	-0,047	0,310
CHR3	3E+07	CHR3:30479997	SSF x LoA	-9,34918447	-0,055	0,295
CHR3	3E+07	CHR3:30490643	SSF x LoA	-6,14764513	-0,053	0,311
CHR3	3E+07	CHR3:30490737	SSF x LoA	-10,4259492	0,098	0,304
CHR3	3E+07	CHR3:30490747	SSF x LoA	-6,94559395	0,032	0,303
CHR3	3E+07	CHR3:30490809	SSF x LoA	-8,7902474	0,019	0,313
CHR3	3E+07	CHR3:30490878	SSF x LoA	-9,83802145	0,059	0,310
CHR3	3E+07	CHR3:30490882	SSF x LoA	-10,2654711	-0,084	0,301
CHR3	3E+07	CHR3:30492285	SSF x LoA	-11,6780768	0,016	0,306
CHR3	3E+07	CHR3:30492303	SSF x LoA	-8,95752665	-0,030	0,314
CHR3	3E+07	CHR3:30492348	SSF x LoA	-6,30591834	0,136	0,294
CHR3	30506769	CHR3:30506769	SSF x LoA	-8,4370824	0,008	0,303
CHR3	30506953	CHR3:30506953	SSF x LoA	-9,85004674	-0,040	0,310
CHR3	30507084	CHR3:30507084	SSF x LoA	-10,2638768	-0,034	0,306
CHR3	30525087	CHR3:30525087	SSF x LoA	-5,27308733	-0,169	0,296
CHR3	30525135	CHR3:30525135	SSF x LoA	1,93553312	-0,199	0,293
CHR3	30525138	CHR3:30525138	SSF x LoA	-5,75825518	-0,201	0,289
CHR3	30536826	CHR3:30536826	SSF x LoA	-8,99088058	0,077	0,323
CHR3	30536847	CHR3:30536847	SSF x LoA	-9,44743781	0,065	0,319
CHR3	30536853	CHR3:30536853	SSF x LoA	-8,93254144	0,072	0,311
CHR3	30536891	CHR3:30536891	SSF x LoA	-10,0941484	-0,038	0,299
CHR3	30570479	CHR3:30570479	SSF x LoA	-4,29060413	0,200	0,301
CHR3	30573852	CHR3:30573852	SSF x LoA	-9,0473057	0,102	0,306
CHR3	30573960	CHR3:30573960	SSF x LoA	-5,00109071	0,145	0,292
CHR3	30578401	CHR3:30578401	SSF x LoA	-7,74184578	0,024	0,307
CHR3	30578435	CHR3:30578435	SSF x LoA	-9,78738514	-0,024	0,292
CHR3	30587801	CHR3:30587801	SSF x LoA	-11,3026354	-0,094	0,286

CHR3	30587831	CHR3:30587831	SSF x LoA	-8,54040164	-0,047	0,304
CHR3	30587843	CHR3:30587843	SSF x LoA	-11,5370815	-0,099	0,295
CHR3	30590374	CHR3:30590374	SSF x LoA	-5,50695883	-0,100	0,302
CHR3	30595230	CHR3:30595230	SSF x LoA	-8,34505173	0,045	0,317
CHR3	30595310	CHR3:30595310	SSF x LoA	-10,3781271	-0,123	0,305
CHR3	30599922	CHR3:30599922	SSF x LoA	-10,2679716	-0,024	0,301
CHR3	30620420	CHR3:30620420	SSF x LoA	-11,9966464	0,013	0,308
CHR3	30621981	CHR3:30621981	SSF x LoA	-7,62931584	0,167	0,295
CHR3	30621988	CHR3:30621988	SSF x LoA	-9,87319239	-0,089	0,293
CHR3	30621999	CHR3:30621999	SSF x LoA	-6,11446908	0,092	0,294
CHR3	30622041	CHR3:30622041	SSF x LoA	-11,8696652	-0,042	0,298
CHR3	30622044	CHR3:30622044	SSF x LoA	-10,235014	-0,041	0,313
CHR3	30623117	CHR3:30623117	SSF x LoA	-9,27357147	-0,085	0,305
CHR3	30623121	CHR3:30623121	SSF x LoA	-10,1117303	-0,075	0,316
CHR3	30624475	CHR3:30624475	SSF x LoA	-8,40174034	0,042	0,305
CHR3	30634232	CHR3:30634232	SSF x LoA	-10,6312468	0,030	0,311
CHR3	30634239	CHR3:30634239	SSF x LoA	-10,5960452	-0,150	0,315
CHR3	30635109	CHR3:30635109	SSF x LoA	-10,1769424	0,055	0,303
CHR3	30635198	CHR3:30635198	SSF x LoA	-11,3963592	0,087	0,304
CHR3	30638715	CHR3:30638715	SSF x LoA	-4,6631356	-0,091	0,323
CHR3	30638796	CHR3:30638796	SSF x LoA	-10,040856	-0,132	0,308
CHR3	30638852	CHR3:30638852	SSF x LoA	-8,83568477	0,013	0,312
CHR3	30638914	CHR3:30638914	SSF x LoA	-7,76843637	0,030	0,302
CHR3	30638919	CHR3:30638919	SSF x LoA	-7,7386265	0,016	0,316
CHR3	30640430	CHR3:30640430	SSF x LoA	-9,47275046	-0,151	0,304
CHR3	30640449	CHR3:30640449	SSF x LoA	-7,85713112	-0,113	0,298
CHR3	30641227	CHR3:30641227	SSF x LoA	-11,2635468	-0,003	0,318
CHR3	30641271	CHR3:30641271	SSF x LoA	-9,57844723	0,043	0,317
CHR3	30641286	CHR3:30641286	SSF x LoA	-10,1877779	0,010	0,295
CHR3	30643582	CHR3:30643582	SSF x LoA	-11,16178	0,051	0,307
CHR3	30643623	CHR3:30643623	SSF x LoA	-10,280448	-0,019	0,299
CHR3	30645837	CHR3:30645837	SSF x LoA	-0,02320095	-0,151	0,301
CHR3	30645842	CHR3:30645842	SSF x LoA	-4,59842042	-0,156	0,302
CHR3	30645869	CHR3:30645869	SSF x LoA	-9,44224676	0,064	0,302
CHR3	30645887	CHR3:30645887	SSF x LoA	-7,11901065	0,151	0,301
CHR3	30647175	CHR3:30647175	SSF x LoA	-7,00698243	0,011	0,289
CHR3	30647750	CHR3:30647750	SSF x LoA	-8,27712149	-0,086	0,299
CHR3	30647762	CHR3:30647762	SSF x LoA	-9,03099056	0,045	0,292
CHR3	30652362	CHR3:30652362	SSF x LoA	-5,49276913	0,173	0,302
CHR3	30654859	CHR3:30654859	SSF x LoA	-12,0449058	-0,044	0,300
CHR3	30654871	CHR3:30654871	SSF x LoA	-7,42613251	0,094	0,301
CHR3	30655194	CHR3:30655194	SSF x LoA	-3,29062188	-0,166	0,298
CHR3	30670925	CHR3:30670925	SSF x LoA	0,49736214	-0,101	0,296
CHR3	30670928	CHR3:30670928	SSF x LoA	-11,8950444	-0,036	0,299
CHR3	30670984	CHR3:30670984	SSF x LoA	-7,19990401	-0,060	0,310
CHR3	30671046	CHR3:30671046	SSF x LoA	-11,3837718	-0,007	0,315
CHR3	30671095	CHR3:30671095	SSF x LoA	-9,36041411	-0,041	0,305
CHR3	30671097	CHR3:30671097	SSF x LoA	-9,5194219	-0,080	0,309
CHR3	30684569	CHR3:30684569	SSF x LoA	-9,44584774	-0,012	0,320
CHR3	30684594	CHR3:30684594	SSF x LoA	-9,18392161	0,026	0,293
CHR3	30687305	CHR3:30687305	SSF x LoA	-8,28194658	-0,167	0,313
CHR3	30687384	CHR3:30687384	SSF x LoA	-8,63755493	0,064	0,317
CHR3	30687543	CHR3:30687543	SSF x LoA	-6,75461142	0,023	0,301

CHR3	3069305	CHR3:3069305	SSF x LoA	-7,97920622	0,115	0,316
CHR3	30693230	CHR3:30693230	SSF x LoA	-8,99973643	0,076	0,292
CHR3	30693241	CHR3:30693241	SSF x LoA	-11,7890203	0,026	0,315
CHR3	30693512	CHR3:30693512	SSF x LoA	-10,0192264	0,073	0,297
CHR3	30693585	CHR3:30693585	SSF x LoA	-10,2946033	0,075	0,303
CHR3	30697349	CHR3:30697349	SSF x LoA	-5,49283759	0,257	0,278
CHR3	30697365	CHR3:30697365	SSF x LoA	-5,45265312	0,072	0,309
CHR3	30697391	CHR3:30697391	SSF x LoA	-7,42934739	0,147	0,291
CHR3	3070133	CHR3:3070133	SSF x LoA	-7,56122319	0,142	0,296
CHR3	3070153	CHR3:3070153	SSF x LoA	-9,90638155	-0,009	0,291
CHR3	3070193	CHR3:3070193	SSF x LoA	-7,84158868	-0,019	0,310
CHR3	3072191	CHR3:3072191	SSF x LoA	-10,120955	-0,103	0,293
CHR3	3072216	CHR3:3072216	SSF x LoA	-10,0196249	0,051	0,300
CHR3	30733521	CHR3:30733521	SSF x LoA	-8,17105864	0,112	0,309
CHR3	30733551	CHR3:30733551	SSF x LoA	-8,48250378	0,080	0,296
CHR3	30735183	CHR3:30735183	SSF x LoA	-10,5468444	-0,047	0,309
CHR3	30738802	CHR3:30738802	SSF x LoA	-10,7745667	-0,043	0,303
CHR3	30738862	CHR3:30738862	SSF x LoA	-9,00326704	-0,044	0,310
CHR3	30738894	CHR3:30738894	SSF x LoA	-9,11746728	0,053	0,308
CHR3	30738895	CHR3:30738895	SSF x LoA	-9,45916399	0,072	0,307
CHR3	30738949	CHR3:30738949	SSF x LoA	-10,0070826	0,128	0,297
CHR3	30738962	CHR3:30738962	SSF x LoA	-8,62819398	0,076	0,296
CHR3	30738965	CHR3:30738965	SSF x LoA	-7,90573486	0,063	0,299
CHR3	30738992	CHR3:30738992	SSF x LoA	-6,93102707	0,095	0,304
CHR3	30746564	CHR3:30746564	SSF x LoA	-6,54516869	-0,131	0,309
CHR3	30746775	CHR3:30746775	SSF x LoA	-12,3986619	0,045	0,300
CHR3	30746790	CHR3:30746790	SSF x LoA	-11,0190745	-0,035	0,322
CHR3	30746825	CHR3:30746825	SSF x LoA	-12,2900679	-0,012	0,305
CHR3	30746827	CHR3:30746827	SSF x LoA	-12,204246	0,006	0,305
CHR3	3074819	CHR3:3074819	SSF x LoA	-7,13595011	0,167	0,293
CHR3	30751314	CHR3:30751314	SSF x LoA	-6,73591296	-0,186	0,297
CHR3	30751332	CHR3:30751332	SSF x LoA	-7,18792107	-0,125	0,315
CHR3	30751365	CHR3:30751365	SSF x LoA	-8,65651856	0,098	0,303
CHR3	30751424	CHR3:30751424	SSF x LoA	-9,38706357	-0,123	0,305
CHR3	30751480	CHR3:30751480	SSF x LoA	-10,3785951	-0,085	0,311
CHR3	30751507	CHR3:30751507	SSF x LoA	-6,86581902	-0,100	0,308
CHR3	30760084	CHR3:30760084	SSF x LoA	-8,99740503	0,128	0,299
CHR3	30760312	CHR3:30760312	SSF x LoA	-8,34838009	0,156	0,306
CHR3	30789675	CHR3:30789675	SSF x LoA	-10,067811	-0,064	0,301
CHR3	30789702	CHR3:30789702	SSF x LoA	-9,48478497	0,055	0,296
CHR3	30789709	CHR3:30789709	SSF x LoA	-7,35210598	0,089	0,299
CHR3	30789711	CHR3:30789711	SSF x LoA	-9,17879716	0,119	0,298
CHR3	30789737	CHR3:30789737	SSF x LoA	-9,39835703	-0,072	0,300
CHR3	30800112	CHR3:30800112	SSF x LoA	-10,4689436	0,019	0,317
CHR3	30800901	CHR3:30800901	SSF x LoA	-7,94607835	-0,219	0,275
CHR3	30800976	CHR3:30800976	SSF x LoA	-8,54300843	0,000	0,312
CHR3	30806261	CHR3:30806261	SSF x LoA	-9,09414458	0,037	0,297
CHR3	30808060	CHR3:30808060	SSF x LoA	-8,05160768	-0,034	0,303
CHR3	3080978	CHR3:3080978	SSF x LoA	-9,14630896	-0,002	0,305
CHR3	30815353	CHR3:30815353	SSF x LoA	-11,4249068	-0,035	0,310
CHR3	30815354	CHR3:30815354	SSF x LoA	-11,1243486	-0,092	0,311
CHR3	30815520	CHR3:30815520	SSF x LoA	-7,08145537	0,044	0,300
CHR3	30815567	CHR3:30815567	SSF x LoA	-8,45705929	0,044	0,313

CHR3	30815785	CHR3:30815785	SSF x LoA	-9,39867456	0,109	0,297
CHR3	30826673	CHR3:30826673	SSF x LoA	-10,7581066	-0,094	0,321
CHR3	30826801	CHR3:30826801	SSF x LoA	-11,8633335	0,010	0,304
CHR3	30829532	CHR3:30829532	SSF x LoA	-7,99701686	0,011	0,319
CHR3	30829838	CHR3:30829838	SSF x LoA	-7,81229151	0,086	0,306
CHR3	30829847	CHR3:30829847	SSF x LoA	-9,33242485	0,038	0,312
CHR3	30836721	CHR3:30836721	SSF x LoA	-8,68112914	-0,043	0,305
CHR3	30840119	CHR3:30840119	SSF x LoA	-8,36974894	0,080	0,310
CHR3	30841275	CHR3:30841275	SSF x LoA	-10,3625597	-0,003	0,302
CHR3	30845529	CHR3:30845529	SSF x LoA	-7,95494296	-0,050	0,302
CHR3	30846975	CHR3:30846975	SSF x LoA	-12,1190465	-0,057	0,289
CHR3	30855767	CHR3:30855767	SSF x LoA	-0,90969251	-0,042	0,317
CHR3	30855779	CHR3:30855779	SSF x LoA	-9,21036976	-0,063	0,303
CHR3	30855783	CHR3:30855783	SSF x LoA	-10,9781333	-0,027	0,320
CHR3	30855837	CHR3:30855837	SSF x LoA	-9,27282471	-0,030	0,298
CHR3	30862334	CHR3:30862334	SSF x LoA	-9,13128798	0,056	0,304
CHR3	30867266	CHR3:30867266	SSF x LoA	-5,07629918	-0,135	0,302
CHR3	30867350	CHR3:30867350	SSF x LoA	-10,6754847	0,085	0,299
CHR3	30873744	CHR3:30873744	SSF x LoA	-0,85595954	-0,136	0,316
CHR3	30873948	CHR3:30873948	SSF x LoA	-11,0902008	0,002	0,297
CHR3	30875772	CHR3:30875772	SSF x LoA	-9,21693771	0,082	0,315
CHR3	30888206	CHR3:30888206	SSF x LoA	-8,58104307	0,010	0,298
CHR3	30888227	CHR3:30888227	SSF x LoA	-11,2498891	-0,048	0,300
CHR3	30888301	CHR3:30888301	SSF x LoA	-11,9731387	-0,009	0,306
CHR3	30888305	CHR3:30888305	SSF x LoA	-9,8865047	0,060	0,316
CHR3	30888322	CHR3:30888322	SSF x LoA	-9,59781902	-0,129	0,292
CHR3	30888323	CHR3:30888323	SSF x LoA	-11,1942968	-0,147	0,305
CHR3	30888329	CHR3:30888329	SSF x LoA	-10,9708306	0,009	0,300
CHR3	30895251	CHR3:30895251	SSF x LoA	-10,3485286	0,048	0,315
CHR3	30895289	CHR3:30895289	SSF x LoA	-9,5500412	0,065	0,301
CHR3	30899474	CHR3:30899474	SSF x LoA	-8,14755791	-0,102	0,292
CHR3	30899516	CHR3:30899516	SSF x LoA	-9,7497879	0,093	0,297
CHR3	30899548	CHR3:30899548	SSF x LoA	-9,35821589	-0,012	0,313
CHR3	30899556	CHR3:30899556	SSF x LoA	-9,85428021	0,054	0,315
CHR3	30899571	CHR3:30899571	SSF x LoA	-6,22629617	0,131	0,298
CHR3	30899599	CHR3:30899599	SSF x LoA	-11,2030186	0,055	0,305
CHR3	30899673	CHR3:30899673	SSF x LoA	-11,2091848	0,034	0,317
CHR3	3090207	CHR3:3090207	SSF x LoA	-9,64335344	0,071	0,298
CHR3	3090209	CHR3:3090209	SSF x LoA	-8,15722116	0,085	0,316
CHR3	3090260	CHR3:3090260	SSF x LoA	-11,6741804	-0,077	0,294
CHR3	3090270	CHR3:3090270	SSF x LoA	-7,78702401	0,128	0,313
CHR3	3090350	CHR3:3090350	SSF x LoA	-7,7846099	0,063	0,313
CHR3	30904066	CHR3:30904066	SSF x LoA	-8,31192021	0,048	0,303
CHR3	30909905	CHR3:30909905	SSF x LoA	-11,7158778	0,000	0,309
CHR3	30909954	CHR3:30909954	SSF x LoA	-9,26730676	-0,040	0,308
CHR3	30927150	CHR3:30927150	SSF x LoA	-10,3603675	-0,001	0,312
CHR3	30944860	CHR3:30944860	SSF x LoA	-8,45799504	0,086	0,302
CHR3	30955183	CHR3:30955183	SSF x LoA	-8,2696774	0,093	0,303
CHR3	30955230	CHR3:30955230	SSF x LoA	-11,0438841	-0,034	0,310
CHR3	30955240	CHR3:30955240	SSF x LoA	-12,5384776	-0,015	0,292
CHR3	30955335	CHR3:30955335	SSF x LoA	-9,11234798	0,017	0,299
CHR3	30957284	CHR3:30957284	SSF x LoA	-9,04926391	0,004	0,309
CHR3	30957288	CHR3:30957288	SSF x LoA	-8,6937464	0,025	0,306

CHR3	30959843	CHR3:30959843	SSF x LoA	-9,75717029	-0,093	0,310
CHR3	30966518	CHR3:30966518	SSF x LoA	-8,61033614	-0,073	0,305
CHR3	30966567	CHR3:30966567	SSF x LoA	-10,0891676	0,056	0,307
CHR3	30966588	CHR3:30966588	SSF x LoA	-9,93756772	-0,107	0,308
CHR3	30967299	CHR3:30967299	SSF x LoA	-10,9834559	-0,021	0,313
CHR3	30967309	CHR3:30967309	SSF x LoA	-1,0270469	0,073	0,309
CHR3	30967413	CHR3:30967413	SSF x LoA	-8,90196841	-0,053	0,315
CHR3	30968164	CHR3:30968164	SSF x LoA	-9,71830661	0,068	0,300
CHR3	30972590	CHR3:30972590	SSF x LoA	-4,58877358	-0,036	0,302
CHR3	30972610	CHR3:30972610	SSF x LoA	-0,9540087	-0,153	0,309
CHR3	30972652	CHR3:30972652	SSF x LoA	-7,74525477	-0,030	0,327
CHR3	30972934	CHR3:30972934	SSF x LoA	-9,44021352	-0,092	0,298
CHR3	30972978	CHR3:30972978	SSF x LoA	-8,55805397	-0,063	0,311
CHR3	30972996	CHR3:30972996	SSF x LoA	-8,69529883	-0,074	0,308
CHR3	30973000	CHR3:30973000	SSF x LoA	-8,18563832	-0,052	0,310
CHR3	30973019	CHR3:30973019	SSF x LoA	-4,47670159	-0,156	0,302
CHR3	30977396	CHR3:30977396	SSF x LoA	-8,91552268	-0,013	0,326
CHR3	30977414	CHR3:30977414	SSF x LoA	-8,54458499	-0,036	0,313
CHR3	30984010	CHR3:30984010	SSF x LoA	-8,78802196	0,040	0,324
CHR3	30989918	CHR3:30989918	SSF x LoA	-9,74078217	0,057	0,305
CHR3	30989942	CHR3:30989942	SSF x LoA	-10,1016589	-0,002	0,306
CHR3	30998193	CHR3:30998193	SSF x LoA	-8,77351027	-0,045	0,322
CHR3	30998255	CHR3:30998255	SSF x LoA	-8,35113989	-0,084	0,304
CHR3	31002356	CHR3:31002356	SSF x LoA	-9,45983446	-0,089	0,317
CHR3	31002407	CHR3:31002407	SSF x LoA	-9,70224131	0,090	0,301
CHR3	31002497	CHR3:31002497	SSF x LoA	-10,255099	-0,017	0,312
CHR3	3100981	CHR3:3100981	SSF x LoA	-9,18264932	-0,140	0,287
CHR3	31021088	CHR3:31021088	SSF x LoA	-8,1704567	-0,009	0,295
CHR3	31021110	CHR3:31021110	SSF x LoA	-11,4559863	-0,017	0,313
CHR3	31021233	CHR3:31021233	SSF x LoA	-8,93483276	0,090	0,291
CHR3	31021244	CHR3:31021244	SSF x LoA	-10,4140968	0,094	0,298
CHR3	31021274	CHR3:31021274	SSF x LoA	-9,97510448	0,109	0,313
CHR3	31021332	CHR3:31021332	SSF x LoA	-7,37046667	-0,021	0,304
CHR3	31021354	CHR3:31021354	SSF x LoA	-7,93173003	-0,111	0,319
CHR3	3102979	CHR3:3102979	SSF x LoA	-12,6670292	0,041	0,307
CHR3	3102991	CHR3:3102991	SSF x LoA	-11,2792414	-0,014	0,309
CHR3	31047383	CHR3:31047383	SSF x LoA	-8,9966126	0,010	0,306
CHR3	31047421	CHR3:31047421	SSF x LoA	-8,96996692	-0,093	0,305
CHR3	31050084	CHR3:31050084	SSF x LoA	-11,8305324	0,055	0,303
CHR3	31050738	CHR3:31050738	SSF x LoA	-10,5154881	-0,073	0,304
CHR3	31058470	CHR3:31058470	SSF x LoA	-7,95541752	-0,176	0,311
CHR3	31060531	CHR3:31060531	SSF x LoA	-8,46014779	0,133	0,308
CHR3	31061022	CHR3:31061022	SSF x LoA	-7,25004296	0,187	0,294
CHR3	31063058	CHR3:31063058	SSF x LoA	-11,482277	-0,043	0,302
CHR3	31065153	CHR3:31065153	SSF x LoA	-10,5889312	0,028	0,305
CHR3	31065154	CHR3:31065154	SSF x LoA	-10,401363	0,037	0,303
CHR3	31066597	CHR3:31066597	SSF x LoA	-9,05067016	-0,031	0,303
CHR3	31068821	CHR3:31068821	SSF x LoA	-9,88715072	-0,133	0,290
CHR3	31072971	CHR3:31072971	SSF x LoA	-10,0394734	-0,146	0,295
CHR3	31091214	CHR3:31091214	SSF x LoA	-7,73670032	-0,106	0,325
CHR3	31091264	CHR3:31091264	SSF x LoA	-9,21418705	0,040	0,294
CHR3	31091528	CHR3:31091528	SSF x LoA	-7,61653671	0,073	0,314
CHR3	31091536	CHR3:31091536	SSF x LoA	-9,32070377	0,061	0,309

CHR3	31091564	CHR3:31091564	SSF x LoA	-9,44555381	0,005	0,323
CHR3	31102473	CHR3:31102473	SSF x LoA	-7,98898833	0,094	0,302
CHR3	31102584	CHR3:31102584	SSF x LoA	-8,92209543	0,050	0,288
CHR3	31102635	CHR3:31102635	SSF x LoA	-9,92013071	0,092	0,290
CHR3	31102638	CHR3:31102638	SSF x LoA	-9,66641224	-0,164	0,299
CHR3	31102692	CHR3:31102692	SSF x LoA	-10,4376234	-0,060	0,292
CHR3	31102720	CHR3:31102720	SSF x LoA	-11,1557187	0,080	0,300
CHR3	31106250	CHR3:31106250	SSF x LoA	-10,2103244	0,060	0,309
CHR3	31106427	CHR3:31106427	SSF x LoA	-10,8706918	-0,086	0,304
CHR3	31111782	CHR3:31111782	SSF x LoA	-8,09647133	-0,122	0,298
CHR3	31111830	CHR3:31111830	SSF x LoA	-10,52313	-0,063	0,306
CHR3	31112790	CHR3:31112790	SSF x LoA	-4,31382817	0,121	0,298
CHR3	31112791	CHR3:31112791	SSF x LoA	-6,74708939	0,155	0,297
CHR3	31113903	CHR3:31113903	SSF x LoA	-8,42330969	-0,015	0,307
CHR3	31113972	CHR3:31113972	SSF x LoA	-10,4374263	0,042	0,307
CHR3	31113975	CHR3:31113975	SSF x LoA	-9,31978176	0,041	0,315
CHR3	31122139	CHR3:31122139	SSF x LoA	-11,2028229	0,005	0,296
CHR3	31122196	CHR3:31122196	SSF x LoA	-7,51417945	-0,092	0,297
CHR3	31122300	CHR3:31122300	SSF x LoA	-9,33000429	0,046	0,309
CHR3	31122347	CHR3:31122347	SSF x LoA	-10,307034	-0,108	0,302
CHR3	31128062	CHR3:31128062	SSF x LoA	-3,45111279	-0,033	0,314
CHR3	31129159	CHR3:31129159	SSF x LoA	-7,40059133	0,047	0,325
CHR3	31129211	CHR3:31129211	SSF x LoA	-9,326117	0,117	0,311
CHR3	31129259	CHR3:31129259	SSF x LoA	-10,0009055	-0,009	0,298
CHR3	31129381	CHR3:31129381	SSF x LoA	-1,42921972	0,026	0,299
CHR3	31134745	CHR3:31134745	SSF x LoA	-9,56105067	0,088	0,316
CHR3	31134784	CHR3:31134784	SSF x LoA	-12,1993911	0,000	0,301
CHR3	31137246	CHR3:31137246	SSF x LoA	-8,63381201	0,045	0,304
CHR3	3113971	CHR3:3113971	SSF x LoA	-9,41787453	-0,051	0,297
CHR3	31140142	CHR3:31140142	SSF x LoA	-9,52325131	0,084	0,306
CHR3	31140194	CHR3:31140194	SSF x LoA	-7,16372201	-0,072	0,311
CHR3	31140217	CHR3:31140217	SSF x LoA	-8,64888501	-0,040	0,303
CHR3	31140248	CHR3:31140248	SSF x LoA	-11,2422802	-0,007	0,314
CHR3	3114051	CHR3:3114051	SSF x LoA	-9,92800361	0,010	0,318
CHR3	31141801	CHR3:31141801	SSF x LoA	-7,68690397	0,109	0,295
CHR3	31141802	CHR3:31141802	SSF x LoA	-7,57546043	0,125	0,308
CHR3	31141822	CHR3:31141822	SSF x LoA	-10,1194876	-0,078	0,300
CHR3	31141894	CHR3:31141894	SSF x LoA	-9,24726444	0,070	0,296
CHR3	31141990	CHR3:31141990	SSF x LoA	-8,7336027	-0,027	0,308
CHR3	31147874	CHR3:31147874	SSF x LoA	-9,90572397	0,030	0,307
CHR3	31147887	CHR3:31147887	SSF x LoA	-5,97499254	0,028	0,300
CHR3	31147888	CHR3:31147888	SSF x LoA	-6,52417641	-0,117	0,303
CHR3	31148071	CHR3:31148071	SSF x LoA	-8,43763531	-0,006	0,309
CHR3	31154138	CHR3:31154138	SSF x LoA	-11,3531426	0,044	0,311
CHR3	31154198	CHR3:31154198	SSF x LoA	-11,2337995	-0,007	0,321
CHR3	31154275	CHR3:31154275	SSF x LoA	-10,5713042	0,085	0,297
CHR3	31154426	CHR3:31154426	SSF x LoA	-8,77261331	-0,083	0,303
CHR3	31154433	CHR3:31154433	SSF x LoA	-6,83946494	0,079	0,309
CHR3	31161185	CHR3:31161185	SSF x LoA	-7,93726189	-0,154	0,292
CHR3	31161189	CHR3:31161189	SSF x LoA	-9,33866056	-0,050	0,322
CHR3	31161342	CHR3:31161342	SSF x LoA	-5,78493103	-0,050	0,294
CHR3	3116538	CHR3:3116538	SSF x LoA	-6,98146451	0,260	0,280
CHR3	3116847	CHR3:3116847	SSF x LoA	-5,96845903	-0,177	0,300

CHR3	3116862	CHR3:3116862	SSF x LoA	-8,35424651	-0,014	0,316
CHR3	3116864	CHR3:3116864	SSF x LoA	-10,9083935	-0,019	0,315
CHR3	3116869	CHR3:3116869	SSF x LoA	-10,9987898	-0,031	0,308
CHR3	3116872	CHR3:3116872	SSF x LoA	-3,83484388	-0,117	0,309
CHR3	3116876	CHR3:3116876	SSF x LoA	-8,75191382	-0,119	0,300
CHR3	3116912	CHR3:3116912	SSF x LoA	-9,05374446	-0,059	0,309
CHR3	3117022	CHR3:3117022	SSF x LoA	-7,46643565	0,014	0,299
CHR3	31179747	CHR3:31179747	SSF x LoA	-9,26932494	0,071	0,314
CHR3	31179824	CHR3:31179824	SSF x LoA	-12,0390115	-0,014	0,304
CHR3	31179843	CHR3:31179843	SSF x LoA	-8,0897843	0,051	0,304
CHR3	31184922	CHR3:31184922	SSF x LoA	-9,06706345	0,055	0,304
CHR3	31184959	CHR3:31184959	SSF x LoA	-11,0498064	-0,064	0,299
CHR3	31185182	CHR3:31185182	SSF x LoA	-10,3170828	-0,033	0,316
CHR3	31187237	CHR3:31187237	SSF x LoA	-8,25154996	0,050	0,300
CHR3	31189087	CHR3:31189087	SSF x LoA	-4,38538273	0,163	0,289
CHR3	31189162	CHR3:31189162	SSF x LoA	-10,3843656	-0,016	0,305
CHR3	31189165	CHR3:31189165	SSF x LoA	-7,0918134	0,071	0,322
CHR3	31199300	CHR3:31199300	SSF x LoA	-7,84438167	0,029	0,304
CHR3	31199422	CHR3:31199422	SSF x LoA	-7,12870692	-0,141	0,312
CHR3	31199530	CHR3:31199530	SSF x LoA	-6,15954227	-0,146	0,301
CHR3	31200912	CHR3:31200912	SSF x LoA	-7,56900954	0,094	0,300
CHR3	31200951	CHR3:31200951	SSF x LoA	-7,21942091	-0,101	0,298
CHR3	31202375	CHR3:31202375	SSF x LoA	-8,07685008	0,035	0,311
CHR3	31202453	CHR3:31202453	SSF x LoA	2,68832485	0,089	0,306
CHR3	312032	CHR3:312032	SSF x LoA	-9,22358101	-0,048	0,299
CHR3	31206291	CHR3:31206291	SSF x LoA	-8,34433197	-0,158	0,282
CHR3	31206338	CHR3:31206338	SSF x LoA	2,10419417	-0,244	0,300
CHR3	31206352	CHR3:31206352	SSF x LoA	-7,35936914	0,040	0,307
CHR3	31207739	CHR3:31207739	SSF x LoA	-8,06132804	0,095	0,304
CHR3	31207811	CHR3:31207811	SSF x LoA	-9,62784703	0,048	0,294
CHR3	31207937	CHR3:31207937	SSF x LoA	-8,12255407	-0,077	0,303
CHR3	31207962	CHR3:31207962	SSF x LoA	-6,96076823	-0,028	0,308
CHR3	312090	CHR3:312090	SSF x LoA	-9,37529558	-0,014	0,290
CHR3	31220065	CHR3:31220065	SSF x LoA	-11,7547734	0,070	0,298
CHR3	31220071	CHR3:31220071	SSF x LoA	-7,89461124	0,003	0,300
CHR3	31222933	CHR3:31222933	SSF x LoA	-4,9013546	-0,058	0,294
CHR3	31222972	CHR3:31222972	SSF x LoA	-9,20530109	0,013	0,297
CHR3	31223059	CHR3:31223059	SSF x LoA	-9,85188867	0,030	0,302
CHR3	31223111	CHR3:31223111	SSF x LoA	-8,08978777	-0,087	0,300
CHR3	31236097	CHR3:31236097	SSF x LoA	-9,80976787	0,030	0,301
CHR3	31238589	CHR3:31238589	SSF x LoA	-10,5196035	0,086	0,303
CHR3	31245929	CHR3:31245929	SSF x LoA	-10,1766208	0,052	0,285
CHR3	31245945	CHR3:31245945	SSF x LoA	-10,4687715	0,013	0,308
CHR3	31245987	CHR3:31245987	SSF x LoA	-9,3364428	0,043	0,298
CHR3	31252791	CHR3:31252791	SSF x LoA	-8,53179677	-0,145	0,299
CHR3	31256105	CHR3:31256105	SSF x LoA	-7,7230142	0,042	0,325
CHR3	31262737	CHR3:31262737	SSF x LoA	-9,10087003	0,095	0,301
CHR3	3126721	CHR3:3126721	SSF x LoA	-7,65222592	0,192	0,311
CHR3	31272954	CHR3:31272954	SSF x LoA	-4,7130109	0,175	0,302
CHR3	31273032	CHR3:31273032	SSF x LoA	-8,44555909	0,089	0,295
CHR3	31285095	CHR3:31285095	SSF x LoA	-10,764119	-0,042	0,308
CHR3	31285169	CHR3:31285169	SSF x LoA	-8,9031194	0,045	0,317
CHR3	31295678	CHR3:31295678	SSF x LoA	-10,8285635	0,018	0,315

CHR3	31295719	CHR3:31295719	SSF x LoA	-8,11698557	0,095	0,292
CHR3	31295730	CHR3:31295730	SSF x LoA	-9,90701398	0,000	0,325
CHR3	31295844	CHR3:31295844	SSF x LoA	-8,09082391	0,062	0,295
CHR3	31295863	CHR3:31295863	SSF x LoA	-6,21487941	0,077	0,302
CHR3	31295924	CHR3:31295924	SSF x LoA	-10,1612511	0,020	0,302
CHR3	31295947	CHR3:31295947	SSF x LoA	-9,05404154	0,012	0,301
CHR3	31295948	CHR3:31295948	SSF x LoA	-8,03481876	0,001	0,316
CHR3	31295976	CHR3:31295976	SSF x LoA	-7,25169361	-0,066	0,306
CHR3	31300598	CHR3:31300598	SSF x LoA	-8,18922118	-0,155	0,293
CHR3	31300630	CHR3:31300630	SSF x LoA	-8,55900798	0,088	0,296
CHR3	31300689	CHR3:31300689	SSF x LoA	-11,1904438	0,006	0,306
CHR3	31305484	CHR3:31305484	SSF x LoA	-9,5678676	-0,016	0,315
CHR3	31305495	CHR3:31305495	SSF x LoA	-10,7373117	0,077	0,300
CHR3	31305541	CHR3:31305541	SSF x LoA	-7,24337672	-0,083	0,294
CHR3	31305556	CHR3:31305556	SSF x LoA	-6,30188421	-0,186	0,297
CHR3	31307696	CHR3:31307696	SSF x LoA	-7,41563206	0,021	0,324
CHR3	31311233	CHR3:31311233	SSF x LoA	-10,7255158	0,040	0,307
CHR3	31321614	CHR3:31321614	SSF x LoA	-9,35637184	0,038	0,304
CHR3	31326643	CHR3:31326643	SSF x LoA	-7,54812986	0,004	0,307
CHR3	31327437	CHR3:31327437	SSF x LoA	-8,69474732	-0,001	0,323
CHR3	31327446	CHR3:31327446	SSF x LoA	-9,81772939	0,059	0,287
CHR3	31331727	CHR3:31331727	SSF x LoA	-11,3898544	-0,018	0,300
CHR3	31331728	CHR3:31331728	SSF x LoA	-11,9074675	0,007	0,315
CHR3	31331860	CHR3:31331860	SSF x LoA	-7,85974752	-0,145	0,307
CHR3	31353517	CHR3:31353517	SSF x LoA	-10,5979471	0,008	0,316
CHR3	31356827	CHR3:31356827	SSF x LoA	-10,1961884	-0,088	0,314
CHR3	31356829	CHR3:31356829	SSF x LoA	-10,5205928	0,067	0,295
CHR3	31356872	CHR3:31356872	SSF x LoA	-8,96691506	0,172	0,307
CHR3	31356878	CHR3:31356878	SSF x LoA	-10,8712869	0,110	0,308
CHR3	31356906	CHR3:31356906	SSF x LoA	-6,91748941	0,087	0,302
CHR3	31356983	CHR3:31356983	SSF x LoA	-11,0430494	-0,016	0,311
CHR3	31357078	CHR3:31357078	SSF x LoA	-8,48569155	-0,036	0,318
CHR3	31357096	CHR3:31357096	SSF x LoA	-10,3696278	0,074	0,303
CHR3	31357113	CHR3:31357113	SSF x LoA	-9,03142474	-0,128	0,312
CHR3	31367005	CHR3:31367005	SSF x LoA	-8,24990889	0,066	0,310
CHR3	31367007	CHR3:31367007	SSF x LoA	-8,80319676	0,056	0,318
CHR3	31367042	CHR3:31367042	SSF x LoA	-7,45860667	-0,117	0,299
CHR3	31374714	CHR3:31374714	SSF x LoA	-7,17223846	0,080	0,300
CHR3	31374745	CHR3:31374745	SSF x LoA	-7,20777378	-0,008	0,322
CHR3	31386306	CHR3:31386306	SSF x LoA	-11,7982484	-0,046	0,303
CHR3	31386368	CHR3:31386368	SSF x LoA	-10,9890131	-0,086	0,313
CHR3	31386395	CHR3:31386395	SSF x LoA	-9,85020838	0,013	0,301
CHR3	31386438	CHR3:31386438	SSF x LoA	-9,5432323	0,019	0,293
CHR3	31398688	CHR3:31398688	SSF x LoA	-10,1793105	-0,011	0,300
CHR3	31398720	CHR3:31398720	SSF x LoA	-9,23591451	0,009	0,302
CHR3	31398770	CHR3:31398770	SSF x LoA	-10,7540142	0,048	0,303
CHR3	31398795	CHR3:31398795	SSF x LoA	-12,0317003	-0,071	0,311
CHR3	3139934	CHR3:3139934	SSF x LoA	-7,56990391	0,149	0,301
CHR3	3140012	CHR3:3140012	SSF x LoA	-9,64034459	-0,005	0,305
CHR3	31403953	CHR3:31403953	SSF x LoA	-6,50782824	0,158	0,306
CHR3	31406297	CHR3:31406297	SSF x LoA	-8,67301911	-0,056	0,311
CHR3	31406314	CHR3:31406314	SSF x LoA	-10,7706043	-0,099	0,303
CHR3	31411473	CHR3:31411473	SSF x LoA	-11,4128912	-0,080	0,290

CHR3	31414936	CHR3:31414936	SSF x LoA	-12,6650947	0,033	0,305
CHR3	31448573	CHR3:31448573	SSF x LoA	-9,45870316	0,012	0,308
CHR3	31451446	CHR3:31451446	SSF x LoA	-8,78358959	-0,160	0,284
CHR3	31467412	CHR3:31467412	SSF x LoA	-10,1935967	0,139	0,318
CHR3	31467570	CHR3:31467570	SSF x LoA	-11,6178622	0,006	0,311
CHR3	31467577	CHR3:31467577	SSF x LoA	-10,3568804	-0,063	0,304
CHR3	31467717	CHR3:31467717	SSF x LoA	-8,04743176	-0,034	0,316
CHR3	31482669	CHR3:31482669	SSF x LoA	-11,4482126	-0,045	0,289
CHR3	31482732	CHR3:31482732	SSF x LoA	-9,12562251	-0,056	0,301
CHR3	31489123	CHR3:31489123	SSF x LoA	-8,7191374	-0,156	0,294
CHR3	3151420	CHR3:3151420	SSF x LoA	-10,8698852	0,128	0,301
CHR3	31521108	CHR3:31521108	SSF x LoA	-5,6992031	-0,120	0,301
CHR3	31521185	CHR3:31521185	SSF x LoA	-11,9291075	0,029	0,303
CHR3	31521274	CHR3:31521274	SSF x LoA	-9,29042786	-0,091	0,309
CHR3	31533505	CHR3:31533505	SSF x LoA	-10,0885649	0,041	0,302
CHR3	31533646	CHR3:31533646	SSF x LoA	-11,7911488	0,056	0,296
CHR3	31533737	CHR3:31533737	SSF x LoA	-11,0640407	-0,049	0,310
CHR3	31533780	CHR3:31533780	SSF x LoA	-8,17955039	-0,013	0,304
CHR3	31533845	CHR3:31533845	SSF x LoA	-10,6332503	-0,129	0,301
CHR3	31533945	CHR3:31533945	SSF x LoA	-5,98928569	0,116	0,311
CHR3	31555000	CHR3:31555000	SSF x LoA	-5,43460038	-0,054	0,312
CHR3	31555005	CHR3:31555005	SSF x LoA	-7,46148736	-0,145	0,299
CHR3	31555233	CHR3:31555233	SSF x LoA	-11,4429357	-0,004	0,308
CHR3	31555261	CHR3:31555261	SSF x LoA	-7,47797494	0,062	0,318
CHR3	31567955	CHR3:31567955	SSF x LoA	-10,8201122	-0,095	0,300
CHR3	3157005	CHR3:3157005	SSF x LoA	-11,3849354	0,005	0,301
CHR3	31570127	CHR3:31570127	SSF x LoA	-9,59533973	0,121	0,296
CHR3	3157020	CHR3:3157020	SSF x LoA	-8,46560165	0,013	0,310
CHR3	31570389	CHR3:31570389	SSF x LoA	-8,3776177	0,046	0,300
CHR3	31570421	CHR3:31570421	SSF x LoA	-9,91220022	0,071	0,314
CHR3	31570423	CHR3:31570423	SSF x LoA	-8,84320733	0,000	0,299
CHR3	31577479	CHR3:31577479	SSF x LoA	-9,93357508	0,026	0,292
CHR3	31577595	CHR3:31577595	SSF x LoA	-10,6403581	0,130	0,307
CHR3	31577657	CHR3:31577657	SSF x LoA	-6,18010674	-0,119	0,300
CHR3	31577912	CHR3:31577912	SSF x LoA	-9,14827592	0,030	0,305
CHR3	31579574	CHR3:31579574	SSF x LoA	-8,80360079	0,146	0,290
CHR3	31581906	CHR3:31581906	SSF x LoA	-10,1822802	-0,117	0,303
CHR3	31581911	CHR3:31581911	SSF x LoA	-7,47960316	-0,142	0,311
CHR3	31581924	CHR3:31581924	SSF x LoA	-8,16455045	0,031	0,307
CHR3	31581966	CHR3:31581966	SSF x LoA	-7,53276307	0,149	0,303
CHR3	31581992	CHR3:31581992	SSF x LoA	-11,4381456	0,030	0,304
CHR3	31615798	CHR3:31615798	SSF x LoA	-10,1078635	0,069	0,305
CHR3	31616037	CHR3:31616037	SSF x LoA	-12,647423	-0,090	0,270
CHR3	31622304	CHR3:31622304	SSF x LoA	-8,23534216	0,003	0,309
CHR3	31622537	CHR3:31622537	SSF x LoA	-9,8186766	0,038	0,304
CHR3	31622587	CHR3:31622587	SSF x LoA	-8,25666851	-0,007	0,308
CHR3	31629832	CHR3:31629832	SSF x LoA	-8,62065068	0,016	0,315
CHR3	31631146	CHR3:31631146	SSF x LoA	-8,09649311	-0,132	0,321
CHR3	31631153	CHR3:31631153	SSF x LoA	-11,761304	-0,020	0,296
CHR3	31640272	CHR3:31640272	SSF x LoA	-9,70744793	-0,083	0,308
CHR3	31640309	CHR3:31640309	SSF x LoA	-8,37208513	-0,066	0,311
CHR3	31640317	CHR3:31640317	SSF x LoA	-10,6547576	0,038	0,315
CHR3	31640327	CHR3:31640327	SSF x LoA	-9,46654032	-0,085	0,301

CHR3	31640330	CHR3:31640330	SSF x LoA	-9,9417797	0,139	0,306
CHR3	31640355	CHR3:31640355	SSF x LoA	-9,01307275	0,100	0,292
CHR3	31640359	CHR3:31640359	SSF x LoA	-9,67859018	0,102	0,301
CHR3	31641937	CHR3:31641937	SSF x LoA	-11,7168157	-0,019	0,314
CHR3	3164276	CHR3:3164276	SSF x LoA	-10,394014	-0,081	0,308
CHR3	31643425	CHR3:31643425	SSF x LoA	-10,3328249	-0,034	0,303
CHR3	31643499	CHR3:31643499	SSF x LoA	-10,66637	0,065	0,312
CHR3	3164350	CHR3:3164350	SSF x LoA	-10,1117491	0,119	0,307
CHR3	31643537	CHR3:31643537	SSF x LoA	-7,61767437	-0,059	0,310
CHR3	3164399	CHR3:3164399	SSF x LoA	-10,5591128	0,036	0,303
CHR3	3164495	CHR3:3164495	SSF x LoA	-8,80307649	-0,009	0,311
CHR3	3164588	CHR3:3164588	SSF x LoA	-8,38433623	0,085	0,305
CHR3	31649654	CHR3:31649654	SSF x LoA	-10,7690049	-0,023	0,316
CHR3	31649737	CHR3:31649737	SSF x LoA	-11,9782077	-0,066	0,302
CHR3	31649746	CHR3:31649746	SSF x LoA	-7,86097695	-0,084	0,319
CHR3	31649751	CHR3:31649751	SSF x LoA	-7,42028744	-0,045	0,317
CHR3	31649770	CHR3:31649770	SSF x LoA	-10,5644618	-0,072	0,305
CHR3	31649841	CHR3:31649841	SSF x LoA	-9,18666149	0,006	0,308
CHR3	31649859	CHR3:31649859	SSF x LoA	-4,60302646	-0,046	0,310
CHR3	31649870	CHR3:31649870	SSF x LoA	-9,53996508	-0,049	0,302
CHR3	31649903	CHR3:31649903	SSF x LoA	-10,1443682	-0,074	0,313
CHR3	31649935	CHR3:31649935	SSF x LoA	-10,6188861	0,061	0,303
CHR3	31657197	CHR3:31657197	SSF x LoA	-10,3986613	-0,060	0,295
CHR3	31657388	CHR3:31657388	SSF x LoA	-8,8728017	0,005	0,302
CHR3	31663392	CHR3:31663392	SSF x LoA	-7,83315443	-0,091	0,303
CHR3	31663394	CHR3:31663394	SSF x LoA	-9,81377519	-0,053	0,302
CHR3	31667040	CHR3:31667040	SSF x LoA	-8,8641053	-0,015	0,298
CHR3	31684441	CHR3:31684441	SSF x LoA	-8,59811816	0,043	0,303
CHR3	31684459	CHR3:31684459	SSF x LoA	-9,9336594	0,012	0,311
CHR3	31694132	CHR3:31694132	SSF x LoA	-6,29201791	-0,131	0,308
CHR3	31694155	CHR3:31694155	SSF x LoA	-2,26466416	-0,160	0,301
CHR3	31694241	CHR3:31694241	SSF x LoA	-10,3051534	-0,060	0,302
CHR3	31694271	CHR3:31694271	SSF x LoA	-11,6226223	-0,049	0,299
CHR3	31694301	CHR3:31694301	SSF x LoA	-8,91324915	-0,016	0,321
CHR3	31694729	CHR3:31694729	SSF x LoA	-10,4414596	0,044	0,313
CHR3	31694760	CHR3:31694760	SSF x LoA	-11,3370054	-0,039	0,308
CHR3	31694766	CHR3:31694766	SSF x LoA	-9,21500055	0,076	0,313
CHR3	31694767	CHR3:31694767	SSF x LoA	-8,76869328	0,097	0,312
CHR3	31694771	CHR3:31694771	SSF x LoA	-8,16231141	0,027	0,313
CHR3	31696120	CHR3:31696120	SSF x LoA	-8,3665002	0,058	0,299
CHR3	31696152	CHR3:31696152	SSF x LoA	-8,46052489	-0,158	0,307
CHR3	31697525	CHR3:31697525	SSF x LoA	-11,0993199	-0,014	0,310
CHR3	31707309	CHR3:31707309	SSF x LoA	-8,49053991	0,133	0,310
CHR3	31707375	CHR3:31707375	SSF x LoA	-9,06395481	0,147	0,301
CHR3	31707396	CHR3:31707396	SSF x LoA	-10,9272995	-0,005	0,302
CHR3	31707424	CHR3:31707424	SSF x LoA	-12,5427548	0,033	0,303
CHR3	31725925	CHR3:31725925	SSF x LoA	-10,0722312	0,041	0,317
CHR3	3172679	CHR3:3172679	SSF x LoA	-10,7441424	-0,001	0,314
CHR3	3172734	CHR3:3172734	SSF x LoA	-7,52384852	-0,105	0,306
CHR3	31727569	CHR3:31727569	SSF x LoA	-8,29854495	-0,063	0,325
CHR3	31727578	CHR3:31727578	SSF x LoA	-8,9634337	0,090	0,290
CHR3	31727600	CHR3:31727600	SSF x LoA	-11,3780139	0,022	0,305
CHR3	31727660	CHR3:31727660	SSF x LoA	-10,8907702	0,029	0,316

CHR3	31727687	CHR3:31727687	SSF x LoA	-7,9479226	-0,087	0,304
CHR3	3172858	CHR3:3172858	SSF x LoA	-9,18968525	-0,054	0,316
CHR3	31731075	CHR3:31731075	SSF x LoA	-9,86134913	0,102	0,301
CHR3	31731366	CHR3:31731366	SSF x LoA	-9,3509937	0,045	0,311
CHR3	31737759	CHR3:31737759	SSF x LoA	-7,66889891	-0,082	0,311
CHR3	3174225	CHR3:3174225	SSF x LoA	-10,0078458	0,136	0,305
CHR3	31744090	CHR3:31744090	SSF x LoA	-10,0635537	-0,020	0,320
CHR3	31744091	CHR3:31744091	SSF x LoA	-7,76180536	-0,024	0,321
CHR3	31744092	CHR3:31744092	SSF x LoA	-9,74592934	-0,037	0,307
CHR3	31744182	CHR3:31744182	SSF x LoA	-5,56083645	0,033	0,314
CHR3	31744201	CHR3:31744201	SSF x LoA	-10,6376705	-0,049	0,308
CHR3	31744212	CHR3:31744212	SSF x LoA	-8,52099525	-0,071	0,305
CHR3	31746881	CHR3:31746881	SSF x LoA	-6,55790735	0,074	0,313
CHR3	31746917	CHR3:31746917	SSF x LoA	-8,20659642	0,026	0,314
CHR3	31746925	CHR3:31746925	SSF x LoA	-9,01463513	0,038	0,305
CHR3	31749402	CHR3:31749402	SSF x LoA	-10,3520588	0,027	0,309
CHR3	31749462	CHR3:31749462	SSF x LoA	-5,48502539	0,053	0,302
CHR3	31755820	CHR3:31755820	SSF x LoA	-9,40919176	0,041	0,314
CHR3	31773932	CHR3:31773932	SSF x LoA	-9,58029525	0,056	0,312
CHR3	31798759	CHR3:31798759	SSF x LoA	-9,53340111	-0,154	0,315
CHR3	31798825	CHR3:31798825	SSF x LoA	-7,94413443	-0,077	0,321
CHR3	31806660	CHR3:31806660	SSF x LoA	-9,23961016	0,100	0,308
CHR3	31806750	CHR3:31806750	SSF x LoA	-11,1884866	-0,005	0,300
CHR3	31806798	CHR3:31806798	SSF x LoA	-5,93677801	-0,218	0,309
CHR3	31806843	CHR3:31806843	SSF x LoA	-3,68133325	0,229	0,290
CHR3	31810179	CHR3:31810179	SSF x LoA	-8,33330346	0,043	0,324
CHR3	31810202	CHR3:31810202	SSF x LoA	-7,09561957	0,067	0,312
CHR3	31821941	CHR3:31821941	SSF x LoA	-4,79202646	-0,164	0,299
CHR3	31821958	CHR3:31821958	SSF x LoA	-9,48104435	0,111	0,304
CHR3	31830581	CHR3:31830581	SSF x LoA	-7,93205168	-0,089	0,298
CHR3	31830583	CHR3:31830583	SSF x LoA	-6,95165232	-0,041	0,314
CHR3	31830641	CHR3:31830641	SSF x LoA	-0,12256431	0,104	0,294
CHR3	31830642	CHR3:31830642	SSF x LoA	-8,71530619	0,099	0,308
CHR3	31830702	CHR3:31830702	SSF x LoA	-11,8074823	0,032	0,308
CHR3	31830742	CHR3:31830742	SSF x LoA	-10,31528	0,086	0,305
CHR3	31830839	CHR3:31830839	SSF x LoA	-12,0137464	0,013	0,307
CHR3	31835595	CHR3:31835595	SSF x LoA	-10,7541697	-0,007	0,310
CHR3	31835609	CHR3:31835609	SSF x LoA	14,1196689	0,128	0,314
CHR3	31842278	CHR3:31842278	SSF x LoA	-5,91658593	-0,079	0,283
CHR3	31843123	CHR3:31843123	SSF x LoA	-9,57076527	-0,011	0,315
CHR3	31844819	CHR3:31844819	SSF x LoA	-7,58567751	-0,109	0,290
CHR3	31849251	CHR3:31849251	SSF x LoA	-9,67670207	0,010	0,310
CHR3	31849269	CHR3:31849269	SSF x LoA	-9,02568957	-0,022	0,306
CHR3	31854875	CHR3:31854875	SSF x LoA	-11,9217835	-0,035	0,305
CHR3	31858407	CHR3:31858407	SSF x LoA	-10,0810251	-0,031	0,295
CHR3	31858427	CHR3:31858427	SSF x LoA	-8,55158422	0,068	0,297
CHR3	31858528	CHR3:31858528	SSF x LoA	-1,5816507	-0,061	0,300
CHR3	31858536	CHR3:31858536	SSF x LoA	-10,3393241	-0,008	0,294
CHR3	31858608	CHR3:31858608	SSF x LoA	-9,74443945	-0,104	0,279
CHR3	31860162	CHR3:31860162	SSF x LoA	-11,132926	-0,036	0,291
CHR3	31860236	CHR3:31860236	SSF x LoA	-7,27686941	0,176	0,296
CHR3	31860245	CHR3:31860245	SSF x LoA	-9,39393679	-0,039	0,309
CHR3	31864481	CHR3:31864481	SSF x LoA	-7,99966659	0,026	0,305

CHR3	3187854	CHR3:3187854	SSF x LoA	-10,6292365	-0,013	0,298
CHR3	3187870	CHR3:3187870	SSF x LoA	-11,4933671	0,014	0,318
CHR3	31884642	CHR3:31884642	SSF x LoA	-8,85829903	-0,058	0,296
CHR3	31884649	CHR3:31884649	SSF x LoA	-9,73302873	-0,021	0,313
CHR3	31884682	CHR3:31884682	SSF x LoA	-7,75204706	0,018	0,309
CHR3	31884688	CHR3:31884688	SSF x LoA	-8,90586482	-0,136	0,298
CHR3	31884732	CHR3:31884732	SSF x LoA	-9,81659901	-0,018	0,314
CHR3	31884734	CHR3:31884734	SSF x LoA	-9,93700396	-0,015	0,311
CHR3	31884765	CHR3:31884765	SSF x LoA	-10,0911812	0,070	0,312
CHR3	31887392	CHR3:31887392	SSF x LoA	-9,31233442	0,167	0,290
CHR3	31887518	CHR3:31887518	SSF x LoA	-9,54644969	0,037	0,308
CHR3	31887662	CHR3:31887662	SSF x LoA	-9,80222727	0,083	0,307
CHR3	31895801	CHR3:31895801	SSF x LoA	-9,05539072	-0,053	0,304
CHR3	31895931	CHR3:31895931	SSF x LoA	-10,9269881	0,074	0,308
CHR3	31897291	CHR3:31897291	SSF x LoA	-11,7223423	0,048	0,299
CHR3	31897320	CHR3:31897320	SSF x LoA	-11,3196926	0,045	0,301
CHR3	31897321	CHR3:31897321	SSF x LoA	-5,90830887	0,047	0,323
CHR3	31897361	CHR3:31897361	SSF x LoA	-8,77812062	-0,092	0,307
CHR3	31897366	CHR3:31897366	SSF x LoA	-9,24139338	0,012	0,310
CHR3	31899501	CHR3:31899501	SSF x LoA	-10,915968	0,030	0,307
CHR3	31903011	CHR3:31903011	SSF x LoA	-10,4131415	-0,012	0,321
CHR3	31905544	CHR3:31905544	SSF x LoA	-8,46614249	0,060	0,313
CHR3	31905566	CHR3:31905566	SSF x LoA	-7,73832233	-0,137	0,295
CHR3	3190581	CHR3:3190581	SSF x LoA	-9,13917824	0,027	0,301
CHR3	31907184	CHR3:31907184	SSF x LoA	-10,4749495	-0,014	0,309
CHR3	31907370	CHR3:31907370	SSF x LoA	-7,79873566	0,110	0,302
CHR3	31907412	CHR3:31907412	SSF x LoA	-10,2642329	-0,069	0,295
CHR3	31907413	CHR3:31907413	SSF x LoA	-10,0954619	-0,062	0,299
CHR3	31909946	CHR3:31909946	SSF x LoA	-8,63116293	0,120	0,300
CHR3	31915531	CHR3:31915531	SSF x LoA	-8,86501897	-0,132	0,314
CHR3	31916849	CHR3:31916849	SSF x LoA	-8,58136384	0,019	0,311
CHR3	31917638	CHR3:31917638	SSF x LoA	-8,72029233	-0,036	0,315
CHR3	31917666	CHR3:31917666	SSF x LoA	-9,14972119	0,133	0,302
CHR3	31917692	CHR3:31917692	SSF x LoA	-5,14028432	0,098	0,288
CHR3	31922921	CHR3:31922921	SSF x LoA	-10,1870642	-0,009	0,296
CHR3	31923026	CHR3:31923026	SSF x LoA	-9,25576082	-0,093	0,296
CHR3	31924479	CHR3:31924479	SSF x LoA	-0,64270362	0,031	0,313
CHR3	31925559	CHR3:31925559	SSF x LoA	-4,26589128	0,039	0,306
CHR3	31925714	CHR3:31925714	SSF x LoA	-10,6851085	0,126	0,295
CHR3	31930610	CHR3:31930610	SSF x LoA	-7,11741425	0,006	0,304
CHR3	31930671	CHR3:31930671	SSF x LoA	-8,04742756	-0,122	0,287
CHR3	31936785	CHR3:31936785	SSF x LoA	-10,1624372	0,005	0,310
CHR3	31936978	CHR3:31936978	SSF x LoA	-9,4226708	-0,017	0,302
CHR3	31938877	CHR3:31938877	SSF x LoA	-7,67481455	0,093	0,315
CHR3	31938891	CHR3:31938891	SSF x LoA	-8,54866841	0,002	0,322
CHR3	31938912	CHR3:31938912	SSF x LoA	-2,02322278	0,132	0,304
CHR3	31938944	CHR3:31938944	SSF x LoA	-7,9877282	0,023	0,303
CHR3	31945281	CHR3:31945281	SSF x LoA	-9,35116084	-0,086	0,300
CHR3	31945311	CHR3:31945311	SSF x LoA	-10,3698666	-0,022	0,300
CHR3	31945408	CHR3:31945408	SSF x LoA	-10,8158851	0,035	0,300
CHR3	31945509	CHR3:31945509	SSF x LoA	-10,844064	-0,087	0,306
CHR3	31963286	CHR3:31963286	SSF x LoA	-8,3015801	0,029	0,319
CHR3	31963309	CHR3:31963309	SSF x LoA	-3,17317776	0,147	0,293

CHR3	31979211	CHR3:31979211	SSF x LoA	-7,45890005	-0,124	0,314
CHR3	31979218	CHR3:31979218	SSF x LoA	-10,3973477	0,011	0,306
CHR3	31979631	CHR3:31979631	SSF x LoA	-7,78495815	0,182	0,296
CHR3	31979690	CHR3:31979690	SSF x LoA	-10,4142419	0,013	0,309
CHR3	31983877	CHR3:31983877	SSF x LoA	-9,98499831	0,027	0,293
CHR3	31984002	CHR3:31984002	SSF x LoA	-8,3651518	-0,032	0,313
CHR3	31984091	CHR3:31984091	SSF x LoA	-10,4822817	-0,020	0,305
CHR3	32001959	CHR3:32001959	SSF x LoA	-9,94625475	0,175	0,299
CHR3	32002143	CHR3:32002143	SSF x LoA	-10,4275805	0,063	0,307
CHR3	32002160	CHR3:32002160	SSF x LoA	-10,5327819	-0,053	0,309
CHR3	32011807	CHR3:32011807	SSF x LoA	-8,83884098	0,099	0,307
CHR3	32011828	CHR3:32011828	SSF x LoA	-9,67523288	0,010	0,288
CHR3	32012105	CHR3:32012105	SSF x LoA	-3,15560196	-0,034	0,312
CHR3	32015178	CHR3:32015178	SSF x LoA	-9,03794916	-0,017	0,303
CHR3	32015232	CHR3:32015232	SSF x LoA	-9,58930561	-0,113	0,305
CHR3	32015288	CHR3:32015288	SSF x LoA	-8,28397052	-0,057	0,314
CHR3	32015365	CHR3:32015365	SSF x LoA	-9,46603346	0,037	0,309
CHR3	32015396	CHR3:32015396	SSF x LoA	-10,1341885	-0,091	0,308
CHR3	3201935	CHR3:3201935	SSF x LoA	-12,1023587	0,016	0,300
CHR3	32023203	CHR3:32023203	SSF x LoA	-7,78687458	-0,149	0,307
CHR3	32023518	CHR3:32023518	SSF x LoA	-6,60637394	0,061	0,314
CHR3	32040775	CHR3:32040775	SSF x LoA	-9,57910644	0,097	0,316
CHR3	32040869	CHR3:32040869	SSF x LoA	-8,84364936	-0,095	0,309
CHR3	32040873	CHR3:32040873	SSF x LoA	-9,20315355	0,024	0,303
CHR3	32040903	CHR3:32040903	SSF x LoA	-10,4321708	0,093	0,302
CHR3	32040934	CHR3:32040934	SSF x LoA	-10,3095922	-0,095	0,310
CHR3	32040941	CHR3:32040941	SSF x LoA	-9,49358543	0,078	0,276
CHR3	32040955	CHR3:32040955	SSF x LoA	-9,10736369	-0,070	0,313
CHR3	32041022	CHR3:32041022	SSF x LoA	-10,0218157	-0,065	0,307
CHR3	32046135	CHR3:32046135	SSF x LoA	-10,9875648	0,133	0,296
CHR3	32046342	CHR3:32046342	SSF x LoA	-10,9848894	0,099	0,312
CHR3	32050992	CHR3:32050992	SSF x LoA	-9,52924836	-0,058	0,304
CHR3	32051000	CHR3:32051000	SSF x LoA	-7,6476441	0,001	0,319
CHR3	32054230	CHR3:32054230	SSF x LoA	-8,57601465	-0,031	0,296
CHR3	32054497	CHR3:32054497	SSF x LoA	-8,09093176	-0,092	0,316
CHR3	32059791	CHR3:32059791	SSF x LoA	-6,85288386	-0,099	0,321
CHR3	32059792	CHR3:32059792	SSF x LoA	-6,97778046	-0,075	0,317
CHR3	32059810	CHR3:32059810	SSF x LoA	-9,59909031	-0,072	0,304
CHR3	32059813	CHR3:32059813	SSF x LoA	-2,01635199	-0,206	0,289
CHR3	32066137	CHR3:32066137	SSF x LoA	-12,0507668	-0,038	0,308
CHR3	32067081	CHR3:32067081	SSF x LoA	-7,93310629	-0,108	0,308
CHR3	32069403	CHR3:32069403	SSF x LoA	-11,6909178	-0,028	0,302
CHR3	32069454	CHR3:32069454	SSF x LoA	-10,0859463	0,059	0,310
CHR3	32080732	CHR3:32080732	SSF x LoA	-9,72194283	0,020	0,304
CHR3	32080741	CHR3:32080741	SSF x LoA	-9,87899154	0,116	0,285
CHR3	32106621	CHR3:32106621	SSF x LoA	-6,41334041	-0,103	0,297
CHR3	32106631	CHR3:32106631	SSF x LoA	-12,0827855	-0,004	0,305
CHR3	32106638	CHR3:32106638	SSF x LoA	-9,71522418	-0,080	0,303
CHR3	32106761	CHR3:32106761	SSF x LoA	-9,20416854	-0,036	0,306
CHR3	32106835	CHR3:32106835	SSF x LoA	-10,2237997	-0,071	0,311
CHR3	32106836	CHR3:32106836	SSF x LoA	-12,1269093	-0,011	0,295
CHR3	32114831	CHR3:32114831	SSF x LoA	-7,25037472	0,111	0,309
CHR3	32114840	CHR3:32114840	SSF x LoA	-9,86341898	-0,043	0,307

CHR3	32114865	CHR3:32114865	SSF x LoA	-9,53191324	-0,001	0,312
CHR3	32114883	CHR3:32114883	SSF x LoA	0,55541775	-0,236	0,284
CHR3	32118871	CHR3:32118871	SSF x LoA	-9,19508874	0,089	0,314
CHR3	32119126	CHR3:32119126	SSF x LoA	-7,76116916	0,023	0,307
CHR3	32119280	CHR3:32119280	SSF x LoA	-9,77897274	-0,111	0,303
CHR3	32125940	CHR3:32125940	SSF x LoA	-9,03312975	0,007	0,322
CHR3	32125957	CHR3:32125957	SSF x LoA	-9,57287189	-0,001	0,311
CHR3	32138034	CHR3:32138034	SSF x LoA	-7,05724443	0,151	0,311
CHR3	32147792	CHR3:32147792	SSF x LoA	-8,05529319	-0,003	0,311
CHR3	32147852	CHR3:32147852	SSF x LoA	-9,04498706	-0,074	0,312
CHR3	32147953	CHR3:32147953	SSF x LoA	-9,93879763	0,066	0,299
CHR3	32149327	CHR3:32149327	SSF x LoA	-8,87439841	0,119	0,304
CHR3	32153034	CHR3:32153034	SSF x LoA	-7,8751651	-0,023	0,304
CHR3	32153036	CHR3:32153036	SSF x LoA	-5,30332012	-0,017	0,316
CHR3	32153823	CHR3:32153823	SSF x LoA	-9,72694583	0,041	0,299
CHR3	32167702	CHR3:32167702	SSF x LoA	-9,41620403	-0,056	0,325
CHR3	32167911	CHR3:32167911	SSF x LoA	-7,65044538	-0,056	0,311
CHR3	32169994	CHR3:32169994	SSF x LoA	-7,26700514	-0,118	0,298
CHR3	32170001	CHR3:32170001	SSF x LoA	-11,0743465	0,016	0,293
CHR3	32178621	CHR3:32178621	SSF x LoA	-10,773478	-0,023	0,301
CHR3	32178707	CHR3:32178707	SSF x LoA	-8,76939756	0,090	0,303
CHR3	32178920	CHR3:32178920	SSF x LoA	-12,1424042	0,072	0,307
CHR3	32179998	CHR3:32179998	SSF x LoA	-7,92766414	0,065	0,306
CHR3	32185120	CHR3:32185120	SSF x LoA	-9,90793652	-0,007	0,303
CHR3	32185141	CHR3:32185141	SSF x LoA	-10,283782	-0,018	0,308
CHR3	32185178	CHR3:32185178	SSF x LoA	-10,1030216	-0,056	0,300
CHR3	32189644	CHR3:32189644	SSF x LoA	-8,15387698	-0,046	0,316
CHR3	3219462	CHR3:3219462	SSF x LoA	-5,64913979	0,025	0,308
CHR3	3219486	CHR3:3219486	SSF x LoA	-8,48234923	-0,044	0,290
CHR3	3219497	CHR3:3219497	SSF x LoA	-11,2691404	0,019	0,304
CHR3	3219506	CHR3:3219506	SSF x LoA	-10,7992921	-0,113	0,303
CHR3	32196810	CHR3:32196810	SSF x LoA	-11,3477393	0,071	0,310
CHR3	32196925	CHR3:32196925	SSF x LoA	-9,43833442	-0,052	0,309
CHR3	32199713	CHR3:32199713	SSF x LoA	-6,05028411	0,002	0,322
CHR3	32201002	CHR3:32201002	SSF x LoA	-11,3914996	0,048	0,305
CHR3	32201040	CHR3:32201040	SSF x LoA	-11,2912355	-0,005	0,307
CHR3	32201823	CHR3:32201823	SSF x LoA	-9,60035395	0,000	0,310
CHR3	32201875	CHR3:32201875	SSF x LoA	-7,72289646	-0,003	0,304
CHR3	32204708	CHR3:32204708	SSF x LoA	-11,5017046	0,027	0,306
CHR3	32208651	CHR3:32208651	SSF x LoA	-8,74742767	-0,054	0,306
CHR3	32208684	CHR3:32208684	SSF x LoA	-7,07143845	-0,119	0,298
CHR3	32208757	CHR3:32208757	SSF x LoA	-7,91184237	-0,028	0,308
CHR3	32208762	CHR3:32208762	SSF x LoA	-10,0072624	0,017	0,314
CHR3	32208846	CHR3:32208846	SSF x LoA	-10,1672047	0,067	0,303
CHR3	32210038	CHR3:32210038	SSF x LoA	-10,1653919	-0,059	0,293
CHR3	32210116	CHR3:32210116	SSF x LoA	-9,71634229	-0,011	0,318
CHR3	32213243	CHR3:32213243	SSF x LoA	-9,635355	-0,025	0,300
CHR3	32213263	CHR3:32213263	SSF x LoA	-7,81458006	0,028	0,316
CHR3	32217045	CHR3:32217045	SSF x LoA	-6,44633746	-0,036	0,294
CHR3	32232622	CHR3:32232622	SSF x LoA	-9,70847108	0,074	0,324
CHR3	32232771	CHR3:32232771	SSF x LoA	-9,54495183	-0,060	0,305
CHR3	32240299	CHR3:32240299	SSF x LoA	-8,47984775	-0,029	0,308
CHR3	32240365	CHR3:32240365	SSF x LoA	-8,76624098	0,048	0,303

CHR3	32242711	CHR3:32242711	SSF x LoA	-9,40097203	0,079	0,298
CHR3	32242754	CHR3:32242754	SSF x LoA	-10,0193151	0,090	0,307
CHR3	32247734	CHR3:32247734	SSF x LoA	-10,6051003	0,009	0,304
CHR3	32247793	CHR3:32247793	SSF x LoA	-10,3022539	0,000	0,311
CHR3	32247807	CHR3:32247807	SSF x LoA	-11,157512	0,066	0,303
CHR3	32247865	CHR3:32247865	SSF x LoA	-9,25722623	-0,023	0,311
CHR3	32252320	CHR3:32252320	SSF x LoA	-11,8238742	-0,091	0,295
CHR3	32252344	CHR3:32252344	SSF x LoA	-11,0086437	-0,102	0,302
CHR3	32252475	CHR3:32252475	SSF x LoA	-8,28844109	0,000	0,313
CHR3	32260243	CHR3:32260243	SSF x LoA	-6,69525987	0,189	0,288
CHR3	32260370	CHR3:32260370	SSF x LoA	-10,004123	0,044	0,311
CHR3	32262805	CHR3:32262805	SSF x LoA	-7,23647239	0,002	0,311
CHR3	32262924	CHR3:32262924	SSF x LoA	-6,82890524	-0,029	0,312
CHR3	32266494	CHR3:32266494	SSF x LoA	-9,95504213	0,079	0,301
CHR3	32266572	CHR3:32266572	SSF x LoA	-9,40115171	0,020	0,305
CHR3	32270347	CHR3:32270347	SSF x LoA	-10,3315729	-0,030	0,291
CHR3	32270402	CHR3:32270402	SSF x LoA	-9,21040955	0,042	0,302
CHR3	32271513	CHR3:32271513	SSF x LoA	-10,3752131	-0,060	0,314
CHR3	32271533	CHR3:32271533	SSF x LoA	-11,5921071	0,041	0,318
CHR3	32271866	CHR3:32271866	SSF x LoA	-7,74058607	0,010	0,316
CHR3	32271895	CHR3:32271895	SSF x LoA	-9,42952695	-0,136	0,297
CHR3	32276303	CHR3:32276303	SSF x LoA	-3,70290932	0,013	0,302
CHR3	32276306	CHR3:32276306	SSF x LoA	-11,5044689	-0,019	0,315
CHR3	32277491	CHR3:32277491	SSF x LoA	-10,0053036	0,011	0,302
CHR3	32277497	CHR3:32277497	SSF x LoA	-3,30963145	0,137	0,301
CHR3	32277522	CHR3:32277522	SSF x LoA	-10,8948833	-0,123	0,307
CHR3	32277526	CHR3:32277526	SSF x LoA	-8,1377857	-0,053	0,304
CHR3	32277528	CHR3:32277528	SSF x LoA	-9,89053515	-0,107	0,305
CHR3	3227805	CHR3:3227805	SSF x LoA	-9,58432856	0,099	0,301
CHR3	3227820	CHR3:3227820	SSF x LoA	-10,8035717	0,031	0,311
CHR3	3227864	CHR3:3227864	SSF x LoA	-9,34735897	0,010	0,308
CHR3	32287748	CHR3:32287748	SSF x LoA	-9,26332247	0,160	0,303
CHR3	32295270	CHR3:32295270	SSF x LoA	-9,71083149	0,074	0,300
CHR3	32295292	CHR3:32295292	SSF x LoA	-8,9411166	0,104	0,308
CHR3	32295336	CHR3:32295336	SSF x LoA	-10,9244765	-0,066	0,304
CHR3	32295354	CHR3:32295354	SSF x LoA	-10,6608276	0,001	0,303
CHR3	32295392	CHR3:32295392	SSF x LoA	-10,7578533	0,038	0,311
CHR3	32295415	CHR3:32295415	SSF x LoA	-5,62238564	-0,037	0,306
CHR3	32300123	CHR3:32300123	SSF x LoA	-10,5510783	-0,072	0,301
CHR3	32300259	CHR3:32300259	SSF x LoA	-10,6560225	-0,008	0,310
CHR3	32300271	CHR3:32300271	SSF x LoA	-10,3417308	-0,024	0,311
CHR3	32300291	CHR3:32300291	SSF x LoA	-9,49061525	-0,015	0,304
CHR3	32300349	CHR3:32300349	SSF x LoA	-6,50827901	0,002	0,319
CHR3	32300351	CHR3:32300351	SSF x LoA	-9,74953077	0,014	0,305
CHR3	32301792	CHR3:32301792	SSF x LoA	-7,27989178	-0,135	0,295
CHR3	32301805	CHR3:32301805	SSF x LoA	-10,1667726	0,054	0,312
CHR3	32301974	CHR3:32301974	SSF x LoA	-7,79836664	0,094	0,285
CHR3	32301979	CHR3:32301979	SSF x LoA	-3,08944489	0,084	0,307
CHR3	32319099	CHR3:32319099	SSF x LoA	-7,78459591	-0,017	0,313
CHR3	32319105	CHR3:32319105	SSF x LoA	-12,5488184	-0,021	0,294
CHR3	32319184	CHR3:32319184	SSF x LoA	-11,6413347	0,032	0,312
CHR3	32319207	CHR3:32319207	SSF x LoA	-10,0480884	-0,010	0,301
CHR3	32319290	CHR3:32319290	SSF x LoA	-6,87450935	0,054	0,317

CHR3	32319312	CHR3:32319312	SSF x LoA	-5,88230504	-0,176	0,298
CHR3	3232181	CHR3:3232181	SSF x LoA	-8,33217959	0,030	0,300
CHR3	32324614	CHR3:32324614	SSF x LoA	-11,5584395	0,000	0,306
CHR3	32324792	CHR3:32324792	SSF x LoA	-9,31884473	0,005	0,312
CHR3	32324855	CHR3:32324855	SSF x LoA	-8,78707881	0,080	0,311
CHR3	32324870	CHR3:32324870	SSF x LoA	-10,6524943	-0,112	0,297
CHR3	32324931	CHR3:32324931	SSF x LoA	-8,22864931	0,139	0,295
CHR3	32328911	CHR3:32328911	SSF x LoA	-6,65340993	0,098	0,298
CHR3	32334692	CHR3:32334692	SSF x LoA	-10,4938194	0,001	0,299
CHR3	32334711	CHR3:32334711	SSF x LoA	-9,38447236	-0,012	0,307
CHR3	32334713	CHR3:32334713	SSF x LoA	-10,643992	0,051	0,306
CHR3	32334744	CHR3:32334744	SSF x LoA	-9,66081229	0,023	0,294
CHR3	32334806	CHR3:32334806	SSF x LoA	-8,63752262	-0,004	0,313
CHR3	32334878	CHR3:32334878	SSF x LoA	-7,47990191	0,048	0,304
CHR3	32341645	CHR3:32341645	SSF x LoA	-9,97923239	0,055	0,295
CHR3	32349371	CHR3:32349371	SSF x LoA	-8,28252009	-0,036	0,312
CHR3	32349423	CHR3:32349423	SSF x LoA	-10,4658945	-0,069	0,296
CHR3	32353408	CHR3:32353408	SSF x LoA	-5,97552488	-0,150	0,301
CHR3	32359511	CHR3:32359511	SSF x LoA	-9,23217187	-0,034	0,311
CHR3	32384880	CHR3:32384880	SSF x LoA	-8,80125262	0,032	0,305
CHR3	32384912	CHR3:32384912	SSF x LoA	-10,7109706	-0,051	0,301
CHR3	32384971	CHR3:32384971	SSF x LoA	-7,82852406	0,057	0,312
CHR3	32392738	CHR3:32392738	SSF x LoA	-9,4175333	-0,144	0,308
CHR3	32392809	CHR3:32392809	SSF x LoA	-8,38775653	0,107	0,314
CHR3	32406404	CHR3:32406404	SSF x LoA	-11,381289	-0,033	0,297
CHR3	32406416	CHR3:32406416	SSF x LoA	-11,5871654	-0,038	0,306
CHR3	32406970	CHR3:32406970	SSF x LoA	-8,89131994	-0,097	0,316
CHR3	3241522	CHR3:3241522	SSF x LoA	-7,81626563	0,017	0,305
CHR3	3241550	CHR3:3241550	SSF x LoA	-7,02409093	0,036	0,313
CHR3	3241560	CHR3:3241560	SSF x LoA	-11,7851431	0,008	0,322
CHR3	3242848	CHR3:3242848	SSF x LoA	-8,87205637	0,021	0,307
CHR3	324327	CHR3:324327	SSF x LoA	-10,4575274	-0,069	0,292
CHR3	32439973	CHR3:32439973	SSF x LoA	-11,4817196	0,033	0,285
CHR3	32440099	CHR3:32440099	SSF x LoA	-8,213826	0,099	0,303
CHR3	32454058	CHR3:32454058	SSF x LoA	-7,63556118	-0,101	0,309
CHR3	32456503	CHR3:32456503	SSF x LoA	-10,0797229	-0,049	0,312
CHR3	32456539	CHR3:32456539	SSF x LoA	-9,94093156	0,123	0,312
CHR3	32456704	CHR3:32456704	SSF x LoA	-8,77568061	-0,075	0,308
CHR3	32456734	CHR3:32456734	SSF x LoA	-10,529899	0,035	0,306
CHR3	32456740	CHR3:32456740	SSF x LoA	-8,93937117	-0,075	0,319
CHR3	32460160	CHR3:32460160	SSF x LoA	-9,75152442	-0,005	0,318
CHR3	32460193	CHR3:32460193	SSF x LoA	-10,8660587	-0,090	0,312
CHR3	32463047	CHR3:32463047	SSF x LoA	-7,11763611	0,168	0,291
CHR3	32467275	CHR3:32467275	SSF x LoA	-4,44766721	0,225	0,277
CHR3	32467486	CHR3:32467486	SSF x LoA	-9,66568242	0,083	0,314
CHR3	32496993	CHR3:32496993	SSF x LoA	-9,19223656	-0,017	0,320
CHR3	32497126	CHR3:32497126	SSF x LoA	-6,734231	-0,035	0,311
CHR3	32498381	CHR3:32498381	SSF x LoA	-8,92115902	0,014	0,310
CHR3	32514146	CHR3:32514146	SSF x LoA	-11,6254181	0,016	0,302
CHR3	32514149	CHR3:32514149	SSF x LoA	-10,3619988	-0,047	0,301
CHR3	32521487	CHR3:32521487	SSF x LoA	-8,31693759	-0,035	0,309
CHR3	32521555	CHR3:32521555	SSF x LoA	-11,3578676	0,082	0,300
CHR3	32523957	CHR3:32523957	SSF x LoA	-11,339115	0,020	0,306

CHR3	32523967	CHR3:32523967	SSF x LoA	-11,1740397	0,017	0,311
CHR3	32524019	CHR3:32524019	SSF x LoA	-7,52847138	0,146	0,306
CHR3	32524154	CHR3:32524154	SSF x LoA	-10,7696867	-0,005	0,307
CHR3	32527667	CHR3:32527667	SSF x LoA	-8,27021225	0,028	0,303
CHR3	32527901	CHR3:32527901	SSF x LoA	-8,96219872	0,047	0,310
CHR3	32528732	CHR3:32528732	SSF x LoA	-8,39464885	-0,085	0,308
CHR3	32539268	CHR3:32539268	SSF x LoA	-5,19319039	0,027	0,301
CHR3	32539502	CHR3:32539502	SSF x LoA	-8,10982153	-0,044	0,314
CHR3	3256824	CHR3:3256824	SSF x LoA	9,81735717	-0,036	0,296
CHR3	3256871	CHR3:3256871	SSF x LoA	-11,1596886	0,041	0,296
CHR3	3256919	CHR3:3256919	SSF x LoA	-5,49557369	-0,160	0,304
CHR3	3256920	CHR3:3256920	SSF x LoA	-8,16150537	-0,135	0,313
CHR3	3256962	CHR3:3256962	SSF x LoA	-8,76962205	0,010	0,314
CHR3	3257005	CHR3:3257005	SSF x LoA	-10,7723662	-0,020	0,302
CHR3	3257040	CHR3:3257040	SSF x LoA	-4,99001265	-0,159	0,290
CHR3	3257042	CHR3:3257042	SSF x LoA	-9,06958029	0,001	0,296
CHR3	3257104	CHR3:3257104	SSF x LoA	-10,9569192	0,003	0,297
CHR3	32590070	CHR3:32590070	SSF x LoA	-10,1203863	-0,093	0,302
CHR3	32590089	CHR3:32590089	SSF x LoA	-8,77759561	-0,055	0,315
CHR3	32590351	CHR3:32590351	SSF x LoA	-8,87797121	0,111	0,300
CHR3	32597567	CHR3:32597567	SSF x LoA	-11,763486	0,039	0,309
CHR3	32644034	CHR3:32644034	SSF x LoA	-10,0467823	0,043	0,300
CHR3	32660828	CHR3:32660828	SSF x LoA	-8,71739251	-0,041	0,313
CHR3	32660891	CHR3:32660891	SSF x LoA	-11,7402964	-0,007	0,299
CHR3	32672922	CHR3:32672922	SSF x LoA	-9,2765819	-0,040	0,305
CHR3	32672947	CHR3:32672947	SSF x LoA	-9,95255491	0,023	0,312
CHR3	32673129	CHR3:32673129	SSF x LoA	-8,01381829	-0,032	0,313
CHR3	32673137	CHR3:32673137	SSF x LoA	-9,99674512	-0,118	0,307
CHR3	32673143	CHR3:32673143	SSF x LoA	-6,41117873	0,090	0,297
CHR3	32673144	CHR3:32673144	SSF x LoA	-8,5102244	0,073	0,311
CHR3	32674785	CHR3:32674785	SSF x LoA	-9,07739945	0,004	0,310
CHR3	32674790	CHR3:32674790	SSF x LoA	-8,85800926	-0,111	0,310
CHR3	32685307	CHR3:32685307	SSF x LoA	-9,41065693	-0,003	0,298
CHR3	32685433	CHR3:32685433	SSF x LoA	-9,09108771	0,011	0,298
CHR3	32685498	CHR3:32685498	SSF x LoA	-8,12994517	-0,187	0,306
CHR3	32685548	CHR3:32685548	SSF x LoA	-8,11755511	0,094	0,312
CHR3	32701622	CHR3:32701622	SSF x LoA	-9,33883327	0,097	0,328
CHR3	32701650	CHR3:32701650	SSF x LoA	-11,6135895	-0,080	0,321
CHR3	327040	CHR3:327040	SSF x LoA	-2,67755422	-0,189	0,303
CHR3	3272263	CHR3:3272263	SSF x LoA	-10,2228547	-0,065	0,302
CHR3	32726695	CHR3:32726695	SSF x LoA	-9,60742905	-0,012	0,303
CHR3	32726709	CHR3:32726709	SSF x LoA	-7,43174113	-0,167	0,301
CHR3	32727475	CHR3:32727475	SSF x LoA	1,42730604	0,080	0,297
CHR3	32727479	CHR3:32727479	SSF x LoA	-9,29877292	-0,119	0,293
CHR3	32727488	CHR3:32727488	SSF x LoA	-9,06584809	0,084	0,294
CHR3	32727520	CHR3:32727520	SSF x LoA	-3,87289954	0,074	0,309
CHR3	32727537	CHR3:32727537	SSF x LoA	-9,7505047	0,059	0,318
CHR3	32727560	CHR3:32727560	SSF x LoA	-8,69523054	-0,018	0,298
CHR3	32727580	CHR3:32727580	SSF x LoA	-9,86704048	-0,118	0,292
CHR3	32727592	CHR3:32727592	SSF x LoA	-11,9750921	0,039	0,310
CHR3	32729220	CHR3:32729220	SSF x LoA	-5,60231286	-0,175	0,291
CHR3	32729233	CHR3:32729233	SSF x LoA	-10,2872997	-0,063	0,303
CHR3	32729615	CHR3:32729615	SSF x LoA	-10,5019256	-0,100	0,305

CHR3	32731758	CHR3:32731758	SSF x LoA	-11,3319031	-0,007	0,307
CHR3	32731760	CHR3:32731760	SSF x LoA	-5,85450714	0,063	0,306
CHR3	32732761	CHR3:32732761	SSF x LoA	-10,6911476	-0,014	0,313
CHR3	32740982	CHR3:32740982	SSF x LoA	-8,33925703	0,100	0,324
CHR3	32741322	CHR3:32741322	SSF x LoA	-6,67353312	-0,088	0,295
CHR3	32741430	CHR3:32741430	SSF x LoA	-10,8304517	0,033	0,306
CHR3	32748276	CHR3:32748276	SSF x LoA	-9,47467811	-0,024	0,310
CHR3	32750855	CHR3:32750855	SSF x LoA	-8,90961242	0,169	0,316
CHR3	32750858	CHR3:32750858	SSF x LoA	-5,77475042	0,161	0,314
CHR3	32750872	CHR3:32750872	SSF x LoA	-10,4211569	-0,027	0,304
CHR3	32750947	CHR3:32750947	SSF x LoA	-11,0137006	0,062	0,300
CHR3	32751056	CHR3:32751056	SSF x LoA	-10,8706517	0,043	0,329
CHR3	32752065	CHR3:32752065	SSF x LoA	-8,58208638	0,062	0,304
CHR3	32752953	CHR3:32752953	SSF x LoA	-7,2110728	-0,030	0,300
CHR3	32752962	CHR3:32752962	SSF x LoA	-10,6830383	-0,055	0,296
CHR3	32753104	CHR3:32753104	SSF x LoA	-7,70053005	-0,069	0,319
CHR3	32753210	CHR3:32753210	SSF x LoA	-7,86070811	-0,081	0,309
CHR3	32753217	CHR3:32753217	SSF x LoA	-10,3409758	-0,092	0,311
CHR3	32757065	CHR3:32757065	SSF x LoA	-8,32423887	0,041	0,307
CHR3	32757249	CHR3:32757249	SSF x LoA	-9,9767247	-0,039	0,304
CHR3	3275885	CHR3:3275885	SSF x LoA	-5,95979465	-0,058	0,311
CHR3	32759096	CHR3:32759096	SSF x LoA	-8,56319763	0,083	0,321
CHR3	32759160	CHR3:32759160	SSF x LoA	-10,6880939	-0,120	0,301
CHR3	32759164	CHR3:32759164	SSF x LoA	-10,5176037	-0,092	0,316
CHR3	32759204	CHR3:32759204	SSF x LoA	-7,95130814	0,056	0,304
CHR3	3275993	CHR3:3275993	SSF x LoA	-7,15689827	0,131	0,311
CHR3	32765815	CHR3:32765815	SSF x LoA	-10,4766687	-0,031	0,304
CHR3	32765824	CHR3:32765824	SSF x LoA	-9,4061414	-0,043	0,318
CHR3	32765856	CHR3:32765856	SSF x LoA	-11,0465967	-0,011	0,310
CHR3	32765886	CHR3:32765886	SSF x LoA	-10,3598397	0,025	0,315
CHR3	32765961	CHR3:32765961	SSF x LoA	-7,50148368	0,118	0,311
CHR3	32784748	CHR3:32784748	SSF x LoA	-9,90317851	-0,033	0,312
CHR3	32784822	CHR3:32784822	SSF x LoA	-10,8002433	0,048	0,305
CHR3	32784831	CHR3:32784831	SSF x LoA	-11,6674353	0,033	0,307
CHR3	32784971	CHR3:32784971	SSF x LoA	-8,46244563	0,016	0,303
CHR3	32784992	CHR3:32784992	SSF x LoA	-9,36626372	-0,085	0,312
CHR3	32790221	CHR3:32790221	SSF x LoA	-4,77861107	0,154	0,301
CHR3	32790234	CHR3:32790234	SSF x LoA	-9,67419117	0,028	0,301
CHR3	32790288	CHR3:32790288	SSF x LoA	-8,30564729	0,028	0,316
CHR3	32801136	CHR3:32801136	SSF x LoA	-10,2518215	0,017	0,312
CHR3	32801138	CHR3:32801138	SSF x LoA	-9,66659624	-0,142	0,279
CHR3	32801150	CHR3:32801150	SSF x LoA	-9,37482953	0,020	0,307
CHR3	32801191	CHR3:32801191	SSF x LoA	-5,68787993	0,158	0,303
CHR3	32801367	CHR3:32801367	SSF x LoA	-9,82644373	0,065	0,311
CHR3	32805264	CHR3:32805264	SSF x LoA	-9,41239447	0,005	0,306
CHR3	32805280	CHR3:32805280	SSF x LoA	-7,8956349	0,106	0,311
CHR3	32805332	CHR3:32805332	SSF x LoA	-4,99987856	-0,086	0,307
CHR3	32805373	CHR3:32805373	SSF x LoA	-8,49574524	0,016	0,312
CHR3	32805401	CHR3:32805401	SSF x LoA	-3,08218119	-0,004	0,306
CHR3	32810436	CHR3:32810436	SSF x LoA	-7,95843395	-0,049	0,311
CHR3	32810444	CHR3:32810444	SSF x LoA	-8,21898053	-0,032	0,305
CHR3	32830724	CHR3:32830724	SSF x LoA	-10,4864412	0,044	0,311
CHR3	32830730	CHR3:32830730	SSF x LoA	-9,4204967	-0,080	0,308

CHR3	32830786	CHR3:32830786	SSF x LoA	-11,1270548	-0,013	0,309
CHR3	32830792	CHR3:32830792	SSF x LoA	-9,20535068	-0,078	0,308
CHR3	32830802	CHR3:32830802	SSF x LoA	-11,7317447	0,016	0,298
CHR3	32830846	CHR3:32830846	SSF x LoA	-7,9444895	-0,067	0,315
CHR3	32830873	CHR3:32830873	SSF x LoA	-8,30549024	-0,105	0,295
CHR3	32834894	CHR3:32834894	SSF x LoA	-9,56241817	0,074	0,313
CHR3	3285175	CHR3:3285175	SSF x LoA	-8,21692586	-0,016	0,292
CHR3	32862364	CHR3:32862364	SSF x LoA	-10,9132187	0,008	0,307
CHR3	32862399	CHR3:32862399	SSF x LoA	-9,17380278	-0,105	0,309
CHR3	32862509	CHR3:32862509	SSF x LoA	-10,9472114	0,049	0,299
CHR3	3287430	CHR3:3287430	SSF x LoA	-8,71640018	0,051	0,316
CHR3	3287444	CHR3:3287444	SSF x LoA	-8,04403435	0,035	0,300
CHR3	3287852	CHR3:3287852	SSF x LoA	-9,35642409	0,045	0,300
CHR3	32878720	CHR3:32878720	SSF x LoA	-11,3668046	0,107	0,296
CHR3	32878741	CHR3:32878741	SSF x LoA	-10,5201708	-0,060	0,312
CHR3	32878841	CHR3:32878841	SSF x LoA	-11,1216887	-0,073	0,305
CHR3	32897734	CHR3:32897734	SSF x LoA	-9,33915432	0,103	0,300
CHR3	32897744	CHR3:32897744	SSF x LoA	-7,9372392	-0,123	0,281
CHR3	32897813	CHR3:32897813	SSF x LoA	-9,07014563	-0,005	0,307
CHR3	32897836	CHR3:32897836	SSF x LoA	-9,70457158	0,024	0,312
CHR3	32897887	CHR3:32897887	SSF x LoA	-10,9341982	0,060	0,298
CHR3	32898051	CHR3:32898051	SSF x LoA	-6,07428796	-0,103	0,313
CHR3	32905545	CHR3:32905545	SSF x LoA	-6,99959227	-0,062	0,320
CHR3	32905583	CHR3:32905583	SSF x LoA	-11,3910066	-0,010	0,317
CHR3	32905622	CHR3:32905622	SSF x LoA	-10,1967141	0,031	0,309
CHR3	32905664	CHR3:32905664	SSF x LoA	-8,96552534	0,087	0,314
CHR3	32905710	CHR3:32905710	SSF x LoA	-8,66495688	-0,073	0,309
CHR3	32909441	CHR3:32909441	SSF x LoA	-10,534446	-0,060	0,295
CHR3	32912401	CHR3:32912401	SSF x LoA	-1,95364937	0,095	0,308
CHR3	3291854	CHR3:3291854	SSF x LoA	-8,13123291	-0,111	0,303
CHR3	3291855	CHR3:3291855	SSF x LoA	-7,1712529	-0,102	0,306
CHR3	3291873	CHR3:3291873	SSF x LoA	-10,7215524	0,013	0,299
CHR3	32918829	CHR3:32918829	SSF x LoA	-12,0387363	0,028	0,300
CHR3	3291883	CHR3:3291883	SSF x LoA	-9,27361536	-0,112	0,299
CHR3	3291900	CHR3:3291900	SSF x LoA	-5,97552583	-0,089	0,307
CHR3	32919005	CHR3:32919005	SSF x LoA	-11,3513507	-0,003	0,313
CHR3	3291901	CHR3:3291901	SSF x LoA	-9,5822373	-0,093	0,302
CHR3	32922839	CHR3:32922839	SSF x LoA	-11,5449496	0,028	0,302
CHR3	32922975	CHR3:32922975	SSF x LoA	-9,02588223	0,017	0,318
CHR3	32923085	CHR3:32923085	SSF x LoA	-11,1885294	0,040	0,296
CHR3	32923092	CHR3:32923092	SSF x LoA	-10,2442068	0,070	0,310
CHR3	32932084	CHR3:32932084	SSF x LoA	-9,62317132	-0,028	0,311
CHR3	32932720	CHR3:32932720	SSF x LoA	-5,58373706	0,004	0,315
CHR3	32932769	CHR3:32932769	SSF x LoA	-8,4955665	-0,083	0,316
CHR3	32936345	CHR3:32936345	SSF x LoA	-6,69887627	-0,165	0,318
CHR3	32936408	CHR3:32936408	SSF x LoA	-11,482027	0,008	0,310
CHR3	32936419	CHR3:32936419	SSF x LoA	-9,23657671	0,063	0,316
CHR3	32937191	CHR3:32937191	SSF x LoA	-8,9920739	-0,026	0,318
CHR3	32941395	CHR3:32941395	SSF x LoA	-10,5961754	0,037	0,302
CHR3	32941487	CHR3:32941487	SSF x LoA	-9,14828543	-0,012	0,307
CHR3	32941509	CHR3:32941509	SSF x LoA	-10,0173679	-0,057	0,302
CHR3	32941511	CHR3:32941511	SSF x LoA	-9,26381484	-0,091	0,321
CHR3	32941574	CHR3:32941574	SSF x LoA	-4,66183039	-0,028	0,285

CHR3	32944945	CHR3:32944945	SSF x LoA	-9,36892497	0,001	0,307
CHR3	32944958	CHR3:32944958	SSF x LoA	-9,3644741	0,126	0,315
CHR3	32944980	CHR3:32944980	SSF x LoA	-10,6366616	0,108	0,293
CHR3	32948559	CHR3:32948559	SSF x LoA	-10,4393929	0,002	0,299
CHR3	32948563	CHR3:32948563	SSF x LoA	-9,49213066	0,011	0,304
CHR3	32948565	CHR3:32948565	SSF x LoA	-5,81013847	0,099	0,298
CHR3	32949826	CHR3:32949826	SSF x LoA	-6,1522567	-0,125	0,303
CHR3	32949836	CHR3:32949836	SSF x LoA	-10,2326583	-0,038	0,313
CHR3	32949862	CHR3:32949862	SSF x LoA	-9,72111872	-0,038	0,303
CHR3	32949872	CHR3:32949872	SSF x LoA	-9,83670928	-0,008	0,311
CHR3	32950489	CHR3:32950489	SSF x LoA	-9,93229929	0,066	0,302
CHR3	32957942	CHR3:32957942	SSF x LoA	-11,0154369	-0,047	0,304
CHR3	32957956	CHR3:32957956	SSF x LoA	-8,80369938	-0,056	0,305
CHR3	32957977	CHR3:32957977	SSF x LoA	-10,1033594	0,015	0,301
CHR3	32958042	CHR3:32958042	SSF x LoA	-8,76919051	0,112	0,292
CHR3	329676	CHR3:329676	SSF x LoA	-8,23683624	0,133	0,299
CHR3	32977616	CHR3:32977616	SSF x LoA	-12,0909031	0,005	0,299
CHR3	32977637	CHR3:32977637	SSF x LoA	-10,6823235	0,021	0,319
CHR3	32977791	CHR3:32977791	SSF x LoA	-9,65373431	0,017	0,310
CHR3	32993619	CHR3:32993619	SSF x LoA	-9,15863199	0,094	0,310
CHR3	32993691	CHR3:32993691	SSF x LoA	-10,5502167	0,009	0,290
CHR3	32993781	CHR3:32993781	SSF x LoA	-8,858875	-0,024	0,301
CHR3	32993795	CHR3:32993795	SSF x LoA	-10,7997948	-0,040	0,301
CHR3	32993835	CHR3:32993835	SSF x LoA	-9,72044036	0,071	0,308
CHR3	32994843	CHR3:32994843	SSF x LoA	-7,14184022	-0,107	0,304
CHR3	32994995	CHR3:32994995	SSF x LoA	-7,61217948	-0,043	0,311
CHR3	32995000	CHR3:32995000	SSF x LoA	-8,03514903	-0,063	0,300
CHR3	33004950	CHR3:33004950	SSF x LoA	-8,68274076	-0,028	0,302
CHR3	33004951	CHR3:33004951	SSF x LoA	-6,55532095	0,120	0,311
CHR3	33004952	CHR3:33004952	SSF x LoA	-7,90879844	-0,031	0,311
CHR3	33004958	CHR3:33004958	SSF x LoA	-9,81674287	-0,021	0,310
CHR3	33004964	CHR3:33004964	SSF x LoA	-10,2121349	-0,003	0,310
CHR3	33004993	CHR3:33004993	SSF x LoA	-7,98555819	-0,052	0,302
CHR3	33004994	CHR3:33004994	SSF x LoA	-10,7614162	0,042	0,290
CHR3	33005016	CHR3:33005016	SSF x LoA	-7,7048496	-0,157	0,308
CHR3	33005019	CHR3:33005019	SSF x LoA	-9,39993708	0,134	0,308
CHR3	33005020	CHR3:33005020	SSF x LoA	-8,84153198	0,048	0,306
CHR3	33005021	CHR3:33005021	SSF x LoA	-8,86801593	-0,067	0,313
CHR3	33005022	CHR3:33005022	SSF x LoA	-9,01995833	-0,039	0,303
CHR3	33011958	CHR3:33011958	SSF x LoA	-6,72793617	0,101	0,311
CHR3	33011967	CHR3:33011967	SSF x LoA	-8,16603097	-0,123	0,305
CHR3	33012050	CHR3:33012050	SSF x LoA	-8,28144182	-0,068	0,307
CHR3	33012061	CHR3:33012061	SSF x LoA	-9,68579837	-0,040	0,313
CHR3	33012064	CHR3:33012064	SSF x LoA	-8,4487852	-0,065	0,307
CHR3	33012065	CHR3:33012065	SSF x LoA	-8,22782418	-0,072	0,318
CHR3	33012066	CHR3:33012066	SSF x LoA	-8,39717115	-0,053	0,314
CHR3	33012068	CHR3:33012068	SSF x LoA	-9,4505908	-0,052	0,310
CHR3	33017105	CHR3:33017105	SSF x LoA	-9,32487525	0,078	0,299
CHR3	33017173	CHR3:33017173	SSF x LoA	-8,50562867	0,065	0,304
CHR3	33017209	CHR3:33017209	SSF x LoA	-10,0709469	-0,077	0,306
CHR3	33017274	CHR3:33017274	SSF x LoA	-11,6524348	-0,019	0,293
CHR3	33022507	CHR3:33022507	SSF x LoA	-8,06496974	0,072	0,311
CHR3	33022516	CHR3:33022516	SSF x LoA	-9,39568881	-0,003	0,307

CHR3	33022524	CHR3:33022524	SSF x LoA	-7,33509996	0,080	0,317
CHR3	33022562	CHR3:33022562	SSF x LoA	-8,06862705	-0,039	0,310
CHR3	33022593	CHR3:33022593	SSF x LoA	-8,67438037	0,044	0,315
CHR3	33022611	CHR3:33022611	SSF x LoA	-9,46365651	0,068	0,305
CHR3	33022635	CHR3:33022635	SSF x LoA	-9,55977812	0,012	0,305
CHR3	33022706	CHR3:33022706	SSF x LoA	-8,44996379	0,012	0,307
CHR3	33024084	CHR3:33024084	SSF x LoA	-9,04539792	-0,101	0,299
CHR3	33024087	CHR3:33024087	SSF x LoA	-7,69848579	0,119	0,294
CHR3	33024129	CHR3:33024129	SSF x LoA	-8,52794648	-0,073	0,304
CHR3	33024158	CHR3:33024158	SSF x LoA	-8,85528366	-0,120	0,306
CHR3	33024165	CHR3:33024165	SSF x LoA	-10,8277018	-0,042	0,307
CHR3	33024175	CHR3:33024175	SSF x LoA	-5,83865746	0,178	0,312
CHR3	33024218	CHR3:33024218	SSF x LoA	-7,52787284	0,129	0,298
CHR3	33024248	CHR3:33024248	SSF x LoA	-9,74241798	-0,013	0,300
CHR3	33024310	CHR3:33024310	SSF x LoA	-7,2549151	-0,132	0,302
CHR3	33027976	CHR3:33027976	SSF x LoA	-10,722259	-0,009	0,305
CHR3	33030694	CHR3:33030694	SSF x LoA	-8,92909313	-0,019	0,322
CHR3	33030742	CHR3:33030742	SSF x LoA	-11,025064	-0,029	0,294
CHR3	33030786	CHR3:33030786	SSF x LoA	-8,66933745	-0,135	0,300
CHR3	33030826	CHR3:33030826	SSF x LoA	-3,59885001	-0,183	0,305
CHR3	33030838	CHR3:33030838	SSF x LoA	-9,32918986	-0,064	0,326
CHR3	33035401	CHR3:33035401	SSF x LoA	-7,35992653	0,027	0,312
CHR3	33040290	CHR3:33040290	SSF x LoA	-11,2292135	-0,040	0,307
CHR3	3304287	CHR3:3304287	SSF x LoA	-11,3757352	-0,046	0,314
CHR3	3304317	CHR3:3304317	SSF x LoA	-9,79951368	-0,035	0,305
CHR3	33047405	CHR3:33047405	SSF x LoA	-9,9250765	0,165	0,295
CHR3	33047488	CHR3:33047488	SSF x LoA	-9,31696179	-0,008	0,322
CHR3	33047499	CHR3:33047499	SSF x LoA	-7,43030073	-0,160	0,305
CHR3	33047557	CHR3:33047557	SSF x LoA	-9,93453578	0,011	0,319
CHR3	33047623	CHR3:33047623	SSF x LoA	-12,20119	0,046	0,304
CHR3	33047633	CHR3:33047633	SSF x LoA	-2,23342391	0,220	0,303
CHR3	33049703	CHR3:33049703	SSF x LoA	-6,74022874	0,132	0,306
CHR3	33049783	CHR3:33049783	SSF x LoA	-9,30868278	-0,013	0,314
CHR3	33058111	CHR3:33058111	SSF x LoA	-10,2181603	0,039	0,304
CHR3	33058128	CHR3:33058128	SSF x LoA	-11,9355829	0,004	0,297
CHR3	33081500	CHR3:33081500	SSF x LoA	-9,57536115	0,078	0,301
CHR3	33083457	CHR3:33083457	SSF x LoA	-10,3487955	0,046	0,307
CHR3	33087868	CHR3:33087868	SSF x LoA	-9,61513771	0,060	0,298
CHR3	33092828	CHR3:33092828	SSF x LoA	-10,4369774	0,032	0,309
CHR3	33092875	CHR3:33092875	SSF x LoA	-8,08446097	-0,118	0,311
CHR3	33092886	CHR3:33092886	SSF x LoA	-11,2517244	0,021	0,307
CHR3	33093107	CHR3:33093107	SSF x LoA	-9,91730916	-0,004	0,313
CHR3	3310010	CHR3:3310010	SSF x LoA	-5,91896585	0,144	0,298
CHR3	3310017	CHR3:3310017	SSF x LoA	-5,97733617	-0,120	0,297
CHR3	3310081	CHR3:3310081	SSF x LoA	-5,63529853	0,011	0,324
CHR3	3310100	CHR3:3310100	SSF x LoA	-7,80680952	0,089	0,307
CHR3	33101391	CHR3:33101391	SSF x LoA	-7,85269404	-0,195	0,296
CHR3	3310144	CHR3:3310144	SSF x LoA	-10,4361578	-0,048	0,297
CHR3	33101643	CHR3:33101643	SSF x LoA	-6,97287037	-0,046	0,307
CHR3	3310184	CHR3:3310184	SSF x LoA	-7,68428376	0,075	0,294
CHR3	3310230	CHR3:3310230	SSF x LoA	-6,75226872	-0,132	0,306
CHR3	3310256	CHR3:3310256	SSF x LoA	-9,1260044	0,069	0,316
CHR3	33129151	CHR3:33129151	SSF x LoA	-8,75138755	-0,117	0,301

CHR3	33129223	CHR3:33129223	SSF x LoA	-8,46817961	0,006	0,301
CHR3	33139981	CHR3:33139981	SSF x LoA	-11,571532	-0,011	0,300
CHR3	33139997	CHR3:33139997	SSF x LoA	-9,86423726	-0,159	0,290
CHR3	33154004	CHR3:33154004	SSF x LoA	-8,73000225	0,136	0,305
CHR3	33154015	CHR3:33154015	SSF x LoA	-7,13639171	0,057	0,316
CHR3	33154065	CHR3:33154065	SSF x LoA	-8,43616438	0,101	0,300
CHR3	33154067	CHR3:33154067	SSF x LoA	-8,52964481	-0,098	0,294
CHR3	33158018	CHR3:33158018	SSF x LoA	-7,36899377	0,038	0,310
CHR3	33158090	CHR3:33158090	SSF x LoA	-10,7278207	0,105	0,309
CHR3	33160968	CHR3:33160968	SSF x LoA	-9,49737344	-0,115	0,278
CHR3	33161034	CHR3:33161034	SSF x LoA	-7,75094534	0,060	0,297
CHR3	33161058	CHR3:33161058	SSF x LoA	-10,1483783	0,043	0,306
CHR3	33165674	CHR3:33165674	SSF x LoA	-8,74159784	0,162	0,299
CHR3	33165675	CHR3:33165675	SSF x LoA	-10,0498113	-0,002	0,312
CHR3	33165740	CHR3:33165740	SSF x LoA	-9,54183075	0,119	0,293
CHR3	33165847	CHR3:33165847	SSF x LoA	-7,91996406	-0,014	0,316
CHR3	33165870	CHR3:33165870	SSF x LoA	-8,25137872	0,117	0,295
CHR3	33165872	CHR3:33165872	SSF x LoA	-7,8342798	0,121	0,298
CHR3	33165883	CHR3:33165883	SSF x LoA	-8,09892301	0,130	0,294
CHR3	33165889	CHR3:33165889	SSF x LoA	-5,94730667	0,142	0,301
CHR3	33167395	CHR3:33167395	SSF x LoA	-8,72155056	-0,006	0,308
CHR3	33167405	CHR3:33167405	SSF x LoA	-10,2994	-0,038	0,304
CHR3	33167407	CHR3:33167407	SSF x LoA	-10,0814371	-0,036	0,305
CHR3	33168240	CHR3:33168240	SSF x LoA	-8,87795636	0,077	0,301
CHR3	33168300	CHR3:33168300	SSF x LoA	-5,63459981	0,132	0,307
CHR3	33173028	CHR3:33173028	SSF x LoA	-8,34279076	0,117	0,301
CHR3	33173033	CHR3:33173033	SSF x LoA	-7,47237746	0,143	0,302
CHR3	33173073	CHR3:33173073	SSF x LoA	-4,39288896	0,055	0,314
CHR3	33173176	CHR3:33173176	SSF x LoA	-7,40868637	0,112	0,317
CHR3	33173180	CHR3:33173180	SSF x LoA	-9,62207237	-0,005	0,303
CHR3	33173257	CHR3:33173257	SSF x LoA	-6,6400316	0,140	0,298
CHR3	33176003	CHR3:33176003	SSF x LoA	-9,97883127	0,059	0,293
CHR3	33181763	CHR3:33181763	SSF x LoA	-11,207722	0,001	0,306
CHR3	33181766	CHR3:33181766	SSF x LoA	-11,7072621	-0,059	0,307
CHR3	33184478	CHR3:33184478	SSF x LoA	-10,603847	-0,036	0,320
CHR3	33184493	CHR3:33184493	SSF x LoA	-10,53793	-0,068	0,305
CHR3	33184511	CHR3:33184511	SSF x LoA	-9,92707798	0,062	0,298
CHR3	33184517	CHR3:33184517	SSF x LoA	-8,94120064	-0,007	0,309
CHR3	33187309	CHR3:33187309	SSF x LoA	-11,4776793	0,044	0,296
CHR3	33193762	CHR3:33193762	SSF x LoA	-8,51155347	0,153	0,304
CHR3	33193801	CHR3:33193801	SSF x LoA	-5,72532338	-0,060	0,311
CHR3	33206150	CHR3:33206150	SSF x LoA	-11,5093148	-0,077	0,294
CHR3	33206183	CHR3:33206183	SSF x LoA	-11,0772419	-0,030	0,302
CHR3	33206211	CHR3:33206211	SSF x LoA	-6,70444004	-0,036	0,314
CHR3	33206507	CHR3:33206507	SSF x LoA	-4,49697717	0,192	0,304
CHR3	33210630	CHR3:33210630	SSF x LoA	-8,47690786	-0,037	0,315
CHR3	33210847	CHR3:33210847	SSF x LoA	-9,56209077	0,072	0,302
CHR3	33217517	CHR3:33217517	SSF x LoA	-9,51926399	0,088	0,313
CHR3	33217610	CHR3:33217610	SSF x LoA	-9,34367916	-0,044	0,314
CHR3	33227096	CHR3:33227096	SSF x LoA	-11,311596	-0,045	0,302
CHR3	33227160	CHR3:33227160	SSF x LoA	-10,8669915	-0,056	0,293
CHR3	33227283	CHR3:33227283	SSF x LoA	-6,53370983	0,006	0,326
CHR3	33229220	CHR3:33229220	SSF x LoA	-9,7155187	0,120	0,303

CHR3	33230456	CHR3:33230456	SSF x LoA	-9,10700854	0,095	0,298
CHR3	33230487	CHR3:33230487	SSF x LoA	-6,64907029	0,140	0,314
CHR3	33230494	CHR3:33230494	SSF x LoA	-10,9099313	-0,049	0,301
CHR3	33230495	CHR3:33230495	SSF x LoA	-10,6043605	-0,058	0,309
CHR3	33234814	CHR3:33234814	SSF x LoA	-8,41255979	-0,051	0,308
CHR3	33235636	CHR3:33235636	SSF x LoA	-7,60067817	0,103	0,308
CHR3	33235644	CHR3:33235644	SSF x LoA	-5,99575303	0,092	0,310
CHR3	33242971	CHR3:33242971	SSF x LoA	-12,0585402	-0,035	0,314
CHR3	33242988	CHR3:33242988	SSF x LoA	-9,4968028	-0,065	0,305
CHR3	3324632	CHR3:3324632	SSF x LoA	-9,86334234	-0,007	0,303
CHR3	3324835	CHR3:3324835	SSF x LoA	-10,4315772	-0,070	0,316
CHR3	33254370	CHR3:33254370	SSF x LoA	-9,50264903	-0,071	0,310
CHR3	33260129	CHR3:33260129	SSF x LoA	-10,4723459	-0,085	0,315
CHR3	33261962	CHR3:33261962	SSF x LoA	-7,55584813	-0,121	0,309
CHR3	33261989	CHR3:33261989	SSF x LoA	-12,2204159	-0,047	0,306
CHR3	33261993	CHR3:33261993	SSF x LoA	-9,48999347	-0,027	0,309
CHR3	33262105	CHR3:33262105	SSF x LoA	-9,64788642	0,097	0,302
CHR3	33268896	CHR3:33268896	SSF x LoA	-9,97126758	-0,157	0,301
CHR3	33269387	CHR3:33269387	SSF x LoA	-6,91582644	-0,219	0,290
CHR3	33269455	CHR3:33269455	SSF x LoA	-8,06273414	-0,148	0,292
CHR3	3327342	CHR3:3327342	SSF x LoA	-9,45218636	-0,054	0,315
CHR3	3327351	CHR3:3327351	SSF x LoA	-9,43098257	0,004	0,311
CHR3	3327421	CHR3:3327421	SSF x LoA	-8,7580184	-0,014	0,316
CHR3	3327458	CHR3:3327458	SSF x LoA	-11,9621563	0,023	0,316
CHR3	3327511	CHR3:3327511	SSF x LoA	-7,65925673	0,009	0,305
CHR3	33283793	CHR3:33283793	SSF x LoA	-12,0279084	0,014	0,297
CHR3	33283969	CHR3:33283969	SSF x LoA	-1,04488084	-0,114	0,308
CHR3	33283974	CHR3:33283974	SSF x LoA	-8,38374467	-0,080	0,295
CHR3	33290115	CHR3:33290115	SSF x LoA	-7,38044496	0,081	0,306
CHR3	33291627	CHR3:33291627	SSF x LoA	-7,65790154	-0,092	0,307
CHR3	33291657	CHR3:33291657	SSF x LoA	-10,2014828	-0,122	0,305
CHR3	33291695	CHR3:33291695	SSF x LoA	-9,08337602	0,060	0,313
CHR3	33291700	CHR3:33291700	SSF x LoA	-8,93886427	-0,017	0,305
CHR3	33291707	CHR3:33291707	SSF x LoA	-11,1725439	0,019	0,303
CHR3	33294101	CHR3:33294101	SSF x LoA	-7,00810475	0,089	0,306
CHR3	33294134	CHR3:33294134	SSF x LoA	-10,8971518	0,077	0,309
CHR3	33295650	CHR3:33295650	SSF x LoA	-9,5031368	0,040	0,307
CHR3	33295663	CHR3:33295663	SSF x LoA	-4,40423728	-0,147	0,298
CHR3	33295692	CHR3:33295692	SSF x LoA	-9,44711425	-0,003	0,312
CHR3	33295713	CHR3:33295713	SSF x LoA	-10,3505456	0,035	0,307
CHR3	33295853	CHR3:33295853	SSF x LoA	-4,44809831	-0,167	0,293
CHR3	33299513	CHR3:33299513	SSF x LoA	-8,34135138	-0,064	0,312
CHR3	33299514	CHR3:33299514	SSF x LoA	-9,32037949	-0,082	0,296
CHR3	33299563	CHR3:33299563	SSF x LoA	-7,60842445	0,061	0,305
CHR3	33303397	CHR3:33303397	SSF x LoA	-8,07148893	0,067	0,303
CHR3	33303556	CHR3:33303556	SSF x LoA	-7,91243888	-0,004	0,311
CHR3	33304964	CHR3:33304964	SSF x LoA	-0,58223388	0,091	0,309
CHR3	33304968	CHR3:33304968	SSF x LoA	-8,39260664	-0,088	0,305
CHR3	33305054	CHR3:33305054	SSF x LoA	-2,79749098	-0,045	0,318
CHR3	33305087	CHR3:33305087	SSF x LoA	-10,0811654	0,015	0,320
CHR3	33305090	CHR3:33305090	SSF x LoA	-8,31549805	0,020	0,323
CHR3	33305093	CHR3:33305093	SSF x LoA	-9,81702811	0,090	0,285
CHR3	33309506	CHR3:33309506	SSF x LoA	-11,3577325	0,014	0,298

CHR3	33309585	CHR3:33309585	SSF x LoA	-10,7500539	-0,127	0,300
CHR3	33319109	CHR3:33319109	SSF x LoA	-8,76816481	-0,010	0,305
CHR3	33319193	CHR3:33319193	SSF x LoA	-8,38206366	-0,032	0,307
CHR3	33319347	CHR3:33319347	SSF x LoA	-10,4811056	0,034	0,311
CHR3	33320878	CHR3:33320878	SSF x LoA	-9,54697541	-0,015	0,308
CHR3	33324511	CHR3:33324511	SSF x LoA	-8,29392585	0,117	0,305
CHR3	33324600	CHR3:33324600	SSF x LoA	-10,5296632	-0,074	0,304
CHR3	33324601	CHR3:33324601	SSF x LoA	-8,81053266	-0,077	0,307
CHR3	33324707	CHR3:33324707	SSF x LoA	-7,62386124	0,008	0,321
CHR3	33324715	CHR3:33324715	SSF x LoA	-11,0706308	0,084	0,311
CHR3	33324717	CHR3:33324717	SSF x LoA	-9,46921735	0,023	0,285
CHR3	33325696	CHR3:33325696	SSF x LoA	-8,7693048	-0,076	0,289
CHR3	33325743	CHR3:33325743	SSF x LoA	-7,45697564	0,170	0,306
CHR3	33325750	CHR3:33325750	SSF x LoA	-9,69530196	-0,043	0,318
CHR3	33330769	CHR3:33330769	SSF x LoA	-9,31739862	0,094	0,305
CHR3	33330806	CHR3:33330806	SSF x LoA	-8,73740949	-0,136	0,307
CHR3	33330830	CHR3:33330830	SSF x LoA	-12,0085244	-0,040	0,320
CHR3	33334498	CHR3:33334498	SSF x LoA	-8,37653238	0,065	0,298
CHR3	33338388	CHR3:33338388	SSF x LoA	-11,2349108	0,010	0,290
CHR3	33338620	CHR3:33338620	SSF x LoA	-9,4298783	0,038	0,306
CHR3	33346847	CHR3:33346847	SSF x LoA	-9,96185158	0,041	0,314
CHR3	33346903	CHR3:33346903	SSF x LoA	-11,3369425	-0,009	0,315
CHR3	33346985	CHR3:33346985	SSF x LoA	-11,2265208	-0,027	0,305
CHR3	33347039	CHR3:33347039	SSF x LoA	-10,4981127	0,070	0,293
CHR3	33347073	CHR3:33347073	SSF x LoA	-9,23620045	0,030	0,312
CHR3	3335372	CHR3:3335372	SSF x LoA	-9,88748029	0,051	0,290
CHR3	33354316	CHR3:33354316	SSF x LoA	-9,53795386	-0,100	0,279
CHR3	33354339	CHR3:33354339	SSF x LoA	-12,3349197	-0,006	0,306
CHR3	33356599	CHR3:33356599	SSF x LoA	-10,1050906	0,008	0,286
CHR3	33365498	CHR3:33365498	SSF x LoA	-8,9564637	-0,039	0,308
CHR3	33370312	CHR3:33370312	SSF x LoA	-7,90870833	-0,044	0,311
CHR3	33370362	CHR3:33370362	SSF x LoA	-6,85763193	0,021	0,311
CHR3	33370369	CHR3:33370369	SSF x LoA	-10,8755767	-0,013	0,304
CHR3	33370408	CHR3:33370408	SSF x LoA	-9,03075178	-0,129	0,310
CHR3	33372202	CHR3:33372202	SSF x LoA	-9,82930458	-0,005	0,309
CHR3	3337330	CHR3:3337330	SSF x LoA	-8,53327758	0,028	0,300
CHR3	33374124	CHR3:33374124	SSF x LoA	-7,50732353	0,004	0,307
CHR3	33374229	CHR3:33374229	SSF x LoA	-10,9468505	0,021	0,312
CHR3	3337490	CHR3:3337490	SSF x LoA	-10,9132524	-0,024	0,321
CHR3	3338666	CHR3:3338666	SSF x LoA	-9,20036904	-0,158	0,310
CHR3	3338726	CHR3:3338726	SSF x LoA	-2,0710379	0,194	0,311
CHR3	3338780	CHR3:3338780	SSF x LoA	-10,5458339	0,040	0,307
CHR3	3338801	CHR3:3338801	SSF x LoA	-7,89886489	-0,230	0,284
CHR3	33391755	CHR3:33391755	SSF x LoA	-6,94159159	-0,164	0,304
CHR3	33391803	CHR3:33391803	SSF x LoA	-7,85670262	-0,151	0,301
CHR3	33392869	CHR3:33392869	SSF x LoA	-7,83930553	-0,190	0,293
CHR3	3341037	CHR3:3341037	SSF x LoA	-7,33678272	0,099	0,291
CHR3	3341047	CHR3:3341047	SSF x LoA	-5,1364381	0,045	0,306
CHR3	3341055	CHR3:3341055	SSF x LoA	-9,4604063	0,064	0,282
CHR3	3341058	CHR3:3341058	SSF x LoA	-5,42675264	0,103	0,297
CHR3	3341077	CHR3:3341077	SSF x LoA	-11,3344699	0,059	0,300
CHR3	3341128	CHR3:3341128	SSF x LoA	-7,85459663	-0,079	0,302
CHR3	3341129	CHR3:3341129	SSF x LoA	-9,11853623	0,005	0,319

CHR3	33414700	CHR3:33414700	SSF x LoA	-9,83072622	-0,013	0,312
CHR3	33427538	CHR3:33427538	SSF x LoA	-9,67602125	-0,047	0,317
CHR3	3342779	CHR3:3342779	SSF x LoA	-10,6616056	0,068	0,306
CHR3	3342780	CHR3:3342780	SSF x LoA	-10,8892343	0,093	0,315
CHR3	33436070	CHR3:33436070	SSF x LoA	-12,1712251	0,024	0,300
CHR3	33439842	CHR3:33439842	SSF x LoA	-1,90565799	0,019	0,308
CHR3	33443819	CHR3:33443819	SSF x LoA	-3,87229815	0,212	0,301
CHR3	33443841	CHR3:33443841	SSF x LoA	-11,1228283	-0,128	0,294
CHR3	33443995	CHR3:33443995	SSF x LoA	-11,468222	0,000	0,316
CHR3	33443998	CHR3:33443998	SSF x LoA	-8,33365005	-0,082	0,309
CHR3	33450597	CHR3:33450597	SSF x LoA	-4,34428912	-0,151	0,302
CHR3	33461692	CHR3:33461692	SSF x LoA	-8,99130485	0,038	0,290
CHR3	33463530	CHR3:33463530	SSF x LoA	-9,71157031	-0,050	0,298
CHR3	33463533	CHR3:33463533	SSF x LoA	-7,24870535	-0,014	0,303
CHR3	33463556	CHR3:33463556	SSF x LoA	-10,6179288	-0,015	0,298
CHR3	33463566	CHR3:33463566	SSF x LoA	-7,36055807	-0,151	0,307
CHR3	33463576	CHR3:33463576	SSF x LoA	-10,5298097	-0,032	0,322
CHR3	33463607	CHR3:33463607	SSF x LoA	-8,89362085	-0,027	0,296
CHR3	33463637	CHR3:33463637	SSF x LoA	-9,44887737	0,114	0,308
CHR3	33463754	CHR3:33463754	SSF x LoA	-11,517708	-0,011	0,297
CHR3	33463779	CHR3:33463779	SSF x LoA	-9,07084493	-0,012	0,323
CHR3	33468375	CHR3:33468375	SSF x LoA	-8,32080546	0,096	0,307
CHR3	33468483	CHR3:33468483	SSF x LoA	-10,2403911	0,031	0,313
CHR3	33469597	CHR3:33469597	SSF x LoA	-7,20214851	0,137	0,303
CHR3	33470694	CHR3:33470694	SSF x LoA	-9,21946218	-0,038	0,312
CHR3	33470764	CHR3:33470764	SSF x LoA	-7,16530265	-0,110	0,292
CHR3	33470814	CHR3:33470814	SSF x LoA	-6,27061839	-0,132	0,294
CHR3	3347566	CHR3:3347566	SSF x LoA	-10,0921958	-0,060	0,323
CHR3	3347619	CHR3:3347619	SSF x LoA	-9,95435848	-0,054	0,295
CHR3	3347641	CHR3:3347641	SSF x LoA	-9,79796411	-0,082	0,290
CHR3	3347647	CHR3:3347647	SSF x LoA	-9,48884645	-0,042	0,309
CHR3	33484491	CHR3:33484491	SSF x LoA	-7,45834216	-0,025	0,304
CHR3	33484497	CHR3:33484497	SSF x LoA	-9,98017217	0,123	0,295
CHR3	33493688	CHR3:33493688	SSF x LoA	-11,7941923	0,030	0,298
CHR3	33496642	CHR3:33496642	SSF x LoA	-8,70895228	0,054	0,310
CHR3	33496785	CHR3:33496785	SSF x LoA	-5,91040783	-0,092	0,295
CHR3	33499931	CHR3:33499931	SSF x LoA	-9,25258727	-0,119	0,282
CHR3	33500182	CHR3:33500182	SSF x LoA	-8,72955371	-0,003	0,314
CHR3	33500198	CHR3:33500198	SSF x LoA	-10,6344443	-0,093	0,300
CHR3	33504029	CHR3:33504029	SSF x LoA	-10,1298088	-0,074	0,321
CHR3	33515842	CHR3:33515842	SSF x LoA	-10,2735392	0,005	0,307
CHR3	33518179	CHR3:33518179	SSF x LoA	-10,7435746	0,053	0,311
CHR3	33518211	CHR3:33518211	SSF x LoA	-8,90215649	0,102	0,306
CHR3	33520318	CHR3:33520318	SSF x LoA	-8,65375463	-0,039	0,308
CHR3	33520326	CHR3:33520326	SSF x LoA	-8,17021217	0,036	0,320
CHR3	33520333	CHR3:33520333	SSF x LoA	-11,5480468	0,024	0,297
CHR3	33520373	CHR3:33520373	SSF x LoA	-10,5359676	-0,012	0,315
CHR3	33540182	CHR3:33540182	SSF x LoA	-8,15175671	-0,049	0,305
CHR3	33541784	CHR3:33541784	SSF x LoA	-9,70829469	-0,025	0,296
CHR3	33541800	CHR3:33541800	SSF x LoA	-9,59177012	0,002	0,301
CHR3	33541868	CHR3:33541868	SSF x LoA	-11,4606542	-0,043	0,304
CHR3	33543158	CHR3:33543158	SSF x LoA	-11,0865998	0,163	0,296
CHR3	33549883	CHR3:33549883	SSF x LoA	-10,815227	-0,050	0,308

CHR3	33552257	CHR3:33552257	SSF x LoA	-10,8524532	-0,056	0,316
CHR3	33553887	CHR3:33553887	SSF x LoA	-8,5985057	0,026	0,306
CHR3	33557062	CHR3:33557062	SSF x LoA	-1,728853	-0,054	0,307
CHR3	33557119	CHR3:33557119	SSF x LoA	-9,85364388	-0,054	0,310
CHR3	33557254	CHR3:33557254	SSF x LoA	-6,49603875	0,032	0,309
CHR3	33566326	CHR3:33566326	SSF x LoA	-5,7266679	-0,061	0,318
CHR3	33566358	CHR3:33566358	SSF x LoA	-8,295045	0,121	0,289
CHR3	33566382	CHR3:33566382	SSF x LoA	-9,08321799	0,002	0,301
CHR3	3357384	CHR3:3357384	SSF x LoA	-7,75295103	0,039	0,303
CHR3	3357593	CHR3:3357593	SSF x LoA	-6,18982018	0,158	0,303
CHR3	3357604	CHR3:3357604	SSF x LoA	-5,79187205	-0,097	0,318
CHR3	3357634	CHR3:3357634	SSF x LoA	-8,57426419	-0,009	0,307
CHR3	33592655	CHR3:33592655	SSF x LoA	4,475369	0,118	0,310
CHR3	33592720	CHR3:33592720	SSF x LoA	-9,24061464	0,021	0,312
CHR3	33592749	CHR3:33592749	SSF x LoA	-10,3356183	-0,035	0,305
CHR3	33595284	CHR3:33595284	SSF x LoA	-9,3532171	0,074	0,314
CHR3	33595317	CHR3:33595317	SSF x LoA	-4,56135308	-0,014	0,308
CHR3	335957	CHR3:335957	SSF x LoA	-7,65405516	-0,060	0,312
CHR3	335964	CHR3:335964	SSF x LoA	-10,6975973	0,064	0,314
CHR3	33596532	CHR3:33596532	SSF x LoA	-3,37818552	-0,127	0,308
CHR3	33596692	CHR3:33596692	SSF x LoA	-8,75096688	-0,079	0,290
CHR3	33596737	CHR3:33596737	SSF x LoA	-8,02431498	0,073	0,317
CHR3	335968	CHR3:335968	SSF x LoA	-5,51196847	0,076	0,303
CHR3	33607623	CHR3:33607623	SSF x LoA	-10,1879617	-0,118	0,304
CHR3	33612179	CHR3:33612179	SSF x LoA	-5,60004408	-0,188	0,302
CHR3	33613032	CHR3:33613032	SSF x LoA	-10,970022	-0,052	0,310
CHR3	33613037	CHR3:33613037	SSF x LoA	-7,38704343	-0,134	0,304
CHR3	33615161	CHR3:33615161	SSF x LoA	-9,13039792	0,058	0,302
CHR3	33615206	CHR3:33615206	SSF x LoA	-5,92484197	0,090	0,309
CHR3	33615213	CHR3:33615213	SSF x LoA	-7,88192643	-0,070	0,302
CHR3	33619620	CHR3:33619620	SSF x LoA	-8,06974458	0,070	0,310
CHR3	33619622	CHR3:33619622	SSF x LoA	-8,60045848	0,091	0,311
CHR3	33619678	CHR3:33619678	SSF x LoA	-8,37510693	0,090	0,303
CHR3	33629687	CHR3:33629687	SSF x LoA	-5,26479063	0,240	0,293
CHR3	33629754	CHR3:33629754	SSF x LoA	-10,8845856	0,079	0,308
CHR3	33629795	CHR3:33629795	SSF x LoA	-11,3397838	0,034	0,306
CHR3	33629853	CHR3:33629853	SSF x LoA	-9,87281734	0,011	0,313
CHR3	3363354	CHR3:3363354	SSF x LoA	-8,12504757	-0,048	0,296
CHR3	3363414	CHR3:3363414	SSF x LoA	-9,57906889	0,063	0,298
CHR3	33634663	CHR3:33634663	SSF x LoA	-8,69644043	-0,132	0,313
CHR3	3363486	CHR3:3363486	SSF x LoA	-10,8135758	-0,033	0,301
CHR3	3363491	CHR3:3363491	SSF x LoA	-8,39877707	-0,081	0,307
CHR3	33635648	CHR3:33635648	SSF x LoA	-8,30944743	0,108	0,317
CHR3	33635664	CHR3:33635664	SSF x LoA	-9,544273	0,047	0,303
CHR3	33635704	CHR3:33635704	SSF x LoA	-6,91658422	-0,148	0,302
CHR3	33640423	CHR3:33640423	SSF x LoA	-10,9457767	-0,063	0,319
CHR3	33640512	CHR3:33640512	SSF x LoA	-7,1430628	-0,064	0,301
CHR3	33642060	CHR3:33642060	SSF x LoA	-10,0536181	-0,040	0,311
CHR3	33649443	CHR3:33649443	SSF x LoA	0,39215323	0,002	0,303
CHR3	33659224	CHR3:33659224	SSF x LoA	-3,76141501	-0,223	0,294
CHR3	33664337	CHR3:33664337	SSF x LoA	-8,57300791	-0,139	0,315
CHR3	33664480	CHR3:33664480	SSF x LoA	-8,06713695	0,039	0,316
CHR3	3366944	CHR3:3366944	SSF x LoA	-10,5051138	0,077	0,305

CHR3	33682619	CHR3:33682619	SSF x LoA	-9,6097091	-0,112	0,299
CHR3	33682676	CHR3:33682676	SSF x LoA	-8,30666322	0,041	0,313
CHR3	33682734	CHR3:33682734	SSF x LoA	-10,5763187	0,003	0,305
CHR3	33688605	CHR3:33688605	SSF x LoA	-9,31918453	-0,045	0,308
CHR3	3369279	CHR3:3369279	SSF x LoA	-7,98113797	-0,018	0,313
CHR3	3369348	CHR3:3369348	SSF x LoA	-8,36324187	-0,006	0,321
CHR3	33698167	CHR3:33698167	SSF x LoA	-9,92187922	-0,015	0,313
CHR3	33707632	CHR3:33707632	SSF x LoA	-10,1503312	-0,077	0,295
CHR3	33708389	CHR3:33708389	SSF x LoA	-9,73257976	-0,094	0,307
CHR3	33708402	CHR3:33708402	SSF x LoA	-5,08333351	-0,008	0,315
CHR3	33708459	CHR3:33708459	SSF x LoA	-8,20039227	-0,159	0,314
CHR3	33713083	CHR3:33713083	SSF x LoA	-1,79316159	-0,158	0,308
CHR3	33719259	CHR3:33719259	SSF x LoA	-10,7318614	0,033	0,311
CHR3	33721461	CHR3:33721461	SSF x LoA	-7,94179983	-0,116	0,301
CHR3	33721550	CHR3:33721550	SSF x LoA	-10,8685641	0,016	0,310
CHR3	33721614	CHR3:33721614	SSF x LoA	-7,95325079	0,125	0,301
CHR3	33721628	CHR3:33721628	SSF x LoA	-9,84143937	-0,020	0,300
CHR3	33721662	CHR3:33721662	SSF x LoA	-5,32285289	0,133	0,302
CHR3	33722630	CHR3:33722630	SSF x LoA	-11,2821295	0,019	0,308
CHR3	33722670	CHR3:33722670	SSF x LoA	-5,68616502	0,052	0,305
CHR3	33743836	CHR3:33743836	SSF x LoA	-11,085042	0,052	0,308
CHR3	33745372	CHR3:33745372	SSF x LoA	-8,34148145	-0,071	0,321
CHR3	33745417	CHR3:33745417	SSF x LoA	-6,50464322	0,074	0,316
CHR3	33746691	CHR3:33746691	SSF x LoA	-9,47073252	-0,032	0,304
CHR3	33746696	CHR3:33746696	SSF x LoA	-10,1854804	0,008	0,309
CHR3	33746725	CHR3:33746725	SSF x LoA	-6,28977801	0,176	0,298
CHR3	33746730	CHR3:33746730	SSF x LoA	-10,1170508	0,106	0,308
CHR3	33749046	CHR3:33749046	SSF x LoA	-7,09281155	-0,037	0,303
CHR3	33749047	CHR3:33749047	SSF x LoA	-8,46563828	-0,052	0,320
CHR3	33751252	CHR3:33751252	SSF x LoA	-8,94219764	0,070	0,314
CHR3	33751285	CHR3:33751285	SSF x LoA	-9,58515582	0,081	0,301
CHR3	3375424	CHR3:3375424	SSF x LoA	-2,617825	-0,173	0,302
CHR3	3375463	CHR3:3375463	SSF x LoA	-7,97172396	0,001	0,313
CHR3	3375506	CHR3:3375506	SSF x LoA	-9,65725692	0,065	0,306
CHR3	3375523	CHR3:3375523	SSF x LoA	-7,6035112	0,086	0,295
CHR3	33776333	CHR3:33776333	SSF x LoA	-6,80609401	-0,181	0,282
CHR3	33776363	CHR3:33776363	SSF x LoA	-11,0441708	-0,039	0,309
CHR3	33776410	CHR3:33776410	SSF x LoA	-10,4314223	-0,062	0,322
CHR3	33776421	CHR3:33776421	SSF x LoA	-3,40077759	-0,021	0,311
CHR3	33776576	CHR3:33776576	SSF x LoA	-10,72709	-0,028	0,310
CHR3	33776582	CHR3:33776582	SSF x LoA	-7,96812309	0,046	0,307
CHR3	33778292	CHR3:33778292	SSF x LoA	-10,0207332	0,051	0,298
CHR3	33778305	CHR3:33778305	SSF x LoA	-11,7106024	0,056	0,305
CHR3	33779132	CHR3:33779132	SSF x LoA	-2,99523758	0,136	0,307
CHR3	33779248	CHR3:33779248	SSF x LoA	-9,33209328	0,137	0,298
CHR3	33792805	CHR3:33792805	SSF x LoA	-9,61561496	0,098	0,309
CHR3	33792839	CHR3:33792839	SSF x LoA	-9,08237985	-0,106	0,298
CHR3	33792853	CHR3:33792853	SSF x LoA	-9,06233599	-0,061	0,319
CHR3	33792890	CHR3:33792890	SSF x LoA	-0,7700582	0,157	0,302
CHR3	33792924	CHR3:33792924	SSF x LoA	-10,5002384	-0,041	0,309
CHR3	3379351	CHR3:3379351	SSF x LoA	-12,13005	0,022	0,307
CHR3	3379438	CHR3:3379438	SSF x LoA	-7,07572147	0,084	0,324
CHR3	3379463	CHR3:3379463	SSF x LoA	-8,20919128	0,076	0,304

CHR3	3379469	CHR3:3379469	SSF x LoA	-7,7830911	-0,143	0,311
CHR3	3379470	CHR3:3379470	SSF x LoA	-7,65188625	0,133	0,299
CHR3	3379558	CHR3:3379558	SSF x LoA	-7,41402553	-0,082	0,318
CHR3	3379564	CHR3:3379564	SSF x LoA	-9,29989581	-0,051	0,296
CHR3	3379622	CHR3:3379622	SSF x LoA	-8,61166046	-0,036	0,317
CHR3	3379657	CHR3:3379657	SSF x LoA	-8,1165345	-0,142	0,302
CHR3	33796664	CHR3:33796664	SSF x LoA	-8,42821149	0,062	0,307
CHR3	33796669	CHR3:33796669	SSF x LoA	-9,84775952	0,072	0,292
CHR3	33796776	CHR3:33796776	SSF x LoA	-11,0836617	0,013	0,298
CHR3	33796784	CHR3:33796784	SSF x LoA	-7,92171972	0,055	0,293
CHR3	33796837	CHR3:33796837	SSF x LoA	-8,05599037	0,036	0,305
CHR3	33796855	CHR3:33796855	SSF x LoA	-9,61283692	0,050	0,304
CHR3	33799877	CHR3:33799877	SSF x LoA	-10,4890676	-0,034	0,307
CHR3	33799974	CHR3:33799974	SSF x LoA	-10,5786668	0,097	0,294
CHR3	33800092	CHR3:33800092	SSF x LoA	-10,6405992	-0,063	0,291
CHR3	33815032	CHR3:33815032	SSF x LoA	-8,85744679	0,087	0,307
CHR3	3381611	CHR3:3381611	SSF x LoA	-10,0986044	-0,033	0,293
CHR3	33817156	CHR3:33817156	SSF x LoA	-8,51970211	-0,022	0,308
CHR3	33817257	CHR3:33817257	SSF x LoA	-6,93938271	-0,021	0,306
CHR3	33817258	CHR3:33817258	SSF x LoA	-11,077234	0,039	0,305
CHR3	33817261	CHR3:33817261	SSF x LoA	-7,88904031	-0,001	0,319
CHR3	33819563	CHR3:33819563	SSF x LoA	-8,66717796	0,039	0,319
CHR3	33826850	CHR3:33826850	SSF x LoA	-9,51963907	0,100	0,314
CHR3	33826887	CHR3:33826887	SSF x LoA	-6,17012094	0,178	0,290
CHR3	33830722	CHR3:33830722	SSF x LoA	-9,20683875	-0,195	0,285
CHR3	33830851	CHR3:33830851	SSF x LoA	-7,52622325	-0,094	0,301
CHR3	33840393	CHR3:33840393	SSF x LoA	-8,62459215	-0,078	0,315
CHR3	33846174	CHR3:33846174	SSF x LoA	-10,1133294	0,135	0,294
CHR3	33848314	CHR3:33848314	SSF x LoA	-11,1880452	-0,008	0,310
CHR3	33848461	CHR3:33848461	SSF x LoA	-4,85232097	-0,056	0,328
CHR3	33853180	CHR3:33853180	SSF x LoA	-10,5638818	-0,035	0,311
CHR3	33855740	CHR3:33855740	SSF x LoA	-10,4403791	0,063	0,308
CHR3	33855882	CHR3:33855882	SSF x LoA	-7,94880446	0,124	0,299
CHR3	33860358	CHR3:33860358	SSF x LoA	-10,8152308	0,092	0,321
CHR3	33860554	CHR3:33860554	SSF x LoA	-8,57176714	0,079	0,297
CHR3	3386369	CHR3:3386369	SSF x LoA	-9,35071351	-0,070	0,307
CHR3	3386530	CHR3:3386530	SSF x LoA	-11,0586723	-0,028	0,323
CHR3	33871496	CHR3:33871496	SSF x LoA	-9,46624946	-0,107	0,305
CHR3	33871525	CHR3:33871525	SSF x LoA	-8,27917503	0,044	0,311
CHR3	33871531	CHR3:33871531	SSF x LoA	-8,00886451	0,064	0,330
CHR3	33876166	CHR3:33876166	SSF x LoA	-10,1699876	-0,029	0,322
CHR3	3387779	CHR3:3387779	SSF x LoA	-6,4455754	0,045	0,296
CHR3	33878449	CHR3:33878449	SSF x LoA	-7,60925885	-0,123	0,305
CHR3	33878454	CHR3:33878454	SSF x LoA	-8,80258288	0,088	0,312
CHR3	33878474	CHR3:33878474	SSF x LoA	-8,98474541	-0,083	0,307
CHR3	33878483	CHR3:33878483	SSF x LoA	-8,75148815	-0,051	0,312
CHR3	33878493	CHR3:33878493	SSF x LoA	-5,21279019	-0,156	0,301
CHR3	3387952	CHR3:3387952	SSF x LoA	-8,59551006	0,116	0,291
CHR3	3388007	CHR3:3388007	SSF x LoA	-7,80329473	-0,003	0,286
CHR3	33880623	CHR3:33880623	SSF x LoA	-8,45565429	-0,065	0,305
CHR3	33880627	CHR3:33880627	SSF x LoA	-8,74853543	0,095	0,300
CHR3	33884584	CHR3:33884584	SSF x LoA	-7,12332037	-0,053	0,318
CHR3	33884621	CHR3:33884621	SSF x LoA	-8,2585707	-0,102	0,316

CHR3	33884661	CHR3:33884661	SSF x LoA	-10,5547635	0,050	0,313
CHR3	33888235	CHR3:33888235	SSF x LoA	-9,93932581	-0,014	0,292
CHR3	33888440	CHR3:33888440	SSF x LoA	-9,21442702	-0,077	0,301
CHR3	33888447	CHR3:33888447	SSF x LoA	-10,1706511	-0,082	0,315
CHR3	33888466	CHR3:33888466	SSF x LoA	-10,5009688	-0,094	0,307
CHR3	33893409	CHR3:33893409	SSF x LoA	-10,3110381	-0,041	0,313
CHR3	33893504	CHR3:33893504	SSF x LoA	-9,78191071	-0,012	0,297
CHR3	33896085	CHR3:33896085	SSF x LoA	-8,6964577	0,088	0,303
CHR3	33898800	CHR3:33898800	SSF x LoA	-8,07865206	0,182	0,284
CHR3	33898856	CHR3:33898856	SSF x LoA	-8,55538114	-0,033	0,320
CHR3	33898860	CHR3:33898860	SSF x LoA	-7,93437941	0,000	0,312
CHR3	33921264	CHR3:33921264	SSF x LoA	-7,72137598	0,049	0,315
CHR3	33934570	CHR3:33934570	SSF x LoA	-11,0951856	-0,015	0,295
CHR3	33934715	CHR3:33934715	SSF x LoA	-6,3998875	0,052	0,309
CHR3	33934738	CHR3:33934738	SSF x LoA	-7,4151154	-0,170	0,301
CHR3	33934744	CHR3:33934744	SSF x LoA	-5,59653329	-0,148	0,307
CHR3	33934790	CHR3:33934790	SSF x LoA	-6,17282334	0,115	0,299
CHR3	33934825	CHR3:33934825	SSF x LoA	-8,45170905	-0,080	0,302
CHR3	33936056	CHR3:33936056	SSF x LoA	-10,681285	-0,052	0,314
CHR3	33936164	CHR3:33936164	SSF x LoA	-11,2145114	0,058	0,308
CHR3	33936260	CHR3:33936260	SSF x LoA	-9,79837378	-0,006	0,303
CHR3	33941130	CHR3:33941130	SSF x LoA	-10,1520905	-0,161	0,308
CHR3	33947577	CHR3:33947577	SSF x LoA	-11,2463732	0,011	0,310
CHR3	33947600	CHR3:33947600	SSF x LoA	-10,7605027	0,029	0,326
CHR3	33947644	CHR3:33947644	SSF x LoA	-11,0617717	0,033	0,310
CHR3	33947646	CHR3:33947646	SSF x LoA	-2,61015296	-0,160	0,302
CHR3	33958843	CHR3:33958843	SSF x LoA	-6,442304	0,219	0,306
CHR3	33963413	CHR3:33963413	SSF x LoA	-9,44919591	-0,135	0,298
CHR3	33972102	CHR3:33972102	SSF x LoA	-11,7779941	-0,024	0,297
CHR3	33981362	CHR3:33981362	SSF x LoA	-10,4979507	-0,022	0,310
CHR3	33981442	CHR3:33981442	SSF x LoA	-11,0417274	0,069	0,312
CHR3	33981471	CHR3:33981471	SSF x LoA	-11,1863679	0,028	0,307
CHR3	33983768	CHR3:33983768	SSF x LoA	-7,21948582	0,179	0,295
CHR3	33989514	CHR3:33989514	SSF x LoA	-8,35953373	-0,076	0,314
CHR3	33989608	CHR3:33989608	SSF x LoA	-8,52015941	0,052	0,298
CHR3	33989633	CHR3:33989633	SSF x LoA	-9,28121243	-0,142	0,299
CHR3	33989657	CHR3:33989657	SSF x LoA	-7,82984801	-0,010	0,315
CHR3	33991047	CHR3:33991047	SSF x LoA	-10,2404915	0,031	0,310
CHR3	33994441	CHR3:33994441	SSF x LoA	-8,83928426	-0,040	0,306
CHR3	3400440	CHR3:3400440	SSF x LoA	-11,2264872	-0,040	0,303
CHR3	34004849	CHR3:34004849	SSF x LoA	-10,0669759	-0,013	0,300
CHR3	34005241	CHR3:34005241	SSF x LoA	-8,86184296	0,130	0,315
CHR3	3400561	CHR3:3400561	SSF x LoA	-11,262269	-0,008	0,320
CHR3	34006591	CHR3:34006591	SSF x LoA	-6,55077879	-0,053	0,313
CHR3	34013517	CHR3:34013517	SSF x LoA	-11,0851605	0,133	0,306
CHR3	34013578	CHR3:34013578	SSF x LoA	-10,3975253	-0,026	0,309
CHR3	34013725	CHR3:34013725	SSF x LoA	-9,87506361	0,015	0,295
CHR3	34021973	CHR3:34021973	SSF x LoA	-8,46923041	-0,113	0,301
CHR3	34022009	CHR3:34022009	SSF x LoA	-11,5412546	0,076	0,299
CHR3	34022560	CHR3:34022560	SSF x LoA	-8,15947637	0,169	0,310
CHR3	34022582	CHR3:34022582	SSF x LoA	-7,71354898	0,165	0,291
CHR3	34028635	CHR3:34028635	SSF x LoA	-12,5258546	-0,055	0,305
CHR3	34028810	CHR3:34028810	SSF x LoA	-9,14872974	0,124	0,298

CHR3	34028887	CHR3:34028887	SSF x LoA	-8,73083349	0,030	0,308
CHR3	34028891	CHR3:34028891	SSF x LoA	-1,18442856	0,064	0,320
CHR3	34038206	CHR3:34038206	SSF x LoA	-9,2190231	-0,097	0,311
CHR3	34038220	CHR3:34038220	SSF x LoA	-8,2589867	-0,121	0,299
CHR3	34038253	CHR3:34038253	SSF x LoA	-6,73541097	0,053	0,311
CHR3	34038264	CHR3:34038264	SSF x LoA	-8,84402255	0,089	0,308
CHR3	34045940	CHR3:34045940	SSF x LoA	-9,17203344	0,035	0,305
CHR3	34045962	CHR3:34045962	SSF x LoA	-5,25413636	-0,060	0,309
CHR3	34045974	CHR3:34045974	SSF x LoA	-9,116303	0,018	0,313
CHR3	34046023	CHR3:34046023	SSF x LoA	-9,82509481	-0,036	0,309
CHR3	34046024	CHR3:34046024	SSF x LoA	-10,6256049	0,005	0,307
CHR3	34046041	CHR3:34046041	SSF x LoA	-9,82199246	-0,035	0,315
CHR3	34051870	CHR3:34051870	SSF x LoA	-4,36072991	-0,037	0,294
CHR3	34051871	CHR3:34051871	SSF x LoA	-9,38523812	-0,021	0,303
CHR3	34051931	CHR3:34051931	SSF x LoA	-9,17640461	0,220	0,289
CHR3	34051932	CHR3:34051932	SSF x LoA	-8,44244365	0,171	0,308
CHR3	34057108	CHR3:34057108	SSF x LoA	-11,3470404	0,035	0,295
CHR3	34057186	CHR3:34057186	SSF x LoA	-9,98634483	-0,015	0,308
CHR3	34059360	CHR3:34059360	SSF x LoA	-7,9018157	0,083	0,320
CHR3	34060283	CHR3:34060283	SSF x LoA	-7,91687129	0,107	0,312
CHR3	34060299	CHR3:34060299	SSF x LoA	-8,70233141	0,148	0,293
CHR3	34060327	CHR3:34060327	SSF x LoA	-5,04121835	0,127	0,306
CHR3	34060352	CHR3:34060352	SSF x LoA	-8,59009488	0,172	0,297
CHR3	34060354	CHR3:34060354	SSF x LoA	-10,48267	0,042	0,318
CHR3	340660	CHR3:340660	SSF x LoA	-0,13373151	0,088	0,314
CHR3	34073023	CHR3:34073023	SSF x LoA	-8,50174508	-0,010	0,304
CHR3	340733	CHR3:340733	SSF x LoA	-10,1816809	0,032	0,303
CHR3	340760	CHR3:340760	SSF x LoA	-8,60066825	0,023	0,303
CHR3	340812	CHR3:340812	SSF x LoA	-10,2916238	-0,032	0,319
CHR3	34085920	CHR3:34085920	SSF x LoA	-10,9000147	0,107	0,300
CHR3	34085957	CHR3:34085957	SSF x LoA	-9,68063085	-0,097	0,298
CHR3	34089215	CHR3:34089215	SSF x LoA	-11,0284499	0,021	0,312
CHR3	34089266	CHR3:34089266	SSF x LoA	-11,133883	0,040	0,316
CHR3	34089281	CHR3:34089281	SSF x LoA	-7,50246575	-0,182	0,294
CHR3	34089311	CHR3:34089311	SSF x LoA	-11,6015572	0,135	0,299
CHR3	34092280	CHR3:34092280	SSF x LoA	-9,19058421	-0,013	0,318
CHR3	34093298	CHR3:34093298	SSF x LoA	-9,92826271	0,016	0,303
CHR3	34093311	CHR3:34093311	SSF x LoA	-8,49856052	0,103	0,296
CHR3	34093317	CHR3:34093317	SSF x LoA	-10,553712	0,088	0,316
CHR3	34093385	CHR3:34093385	SSF x LoA	-11,3821076	0,027	0,287
CHR3	34101010	CHR3:34101010	SSF x LoA	-7,83313768	-0,054	0,307
CHR3	34103222	CHR3:34103222	SSF x LoA	-10,8687926	0,087	0,305
CHR3	34103260	CHR3:34103260	SSF x LoA	-2,61743288	-0,186	0,308
CHR3	34104511	CHR3:34104511	SSF x LoA	-8,5149294	-0,065	0,298
CHR3	34104565	CHR3:34104565	SSF x LoA	-9,87956101	0,039	0,309
CHR3	34104566	CHR3:34104566	SSF x LoA	-9,48571261	0,042	0,307
CHR3	34106999	CHR3:34106999	SSF x LoA	-10,0761621	-0,039	0,319
CHR3	34116679	CHR3:34116679	SSF x LoA	-5,53645378	-0,075	0,315
CHR3	34118506	CHR3:34118506	SSF x LoA	-10,9316652	0,042	0,302
CHR3	3412268	CHR3:3412268	SSF x LoA	-10,777967	-0,082	0,307
CHR3	3412295	CHR3:3412295	SSF x LoA	-6,70636752	-0,094	0,307
CHR3	3412307	CHR3:3412307	SSF x LoA	-8,26186834	0,003	0,297
CHR3	3412321	CHR3:3412321	SSF x LoA	-8,52672253	-0,142	0,295

CHR3	3412328	CHR3:3412328	SSF x LoA	-4,15985038	-0,148	0,309
CHR3	3412351	CHR3:3412351	SSF x LoA	-9,02344391	0,034	0,302
CHR3	3412353	CHR3:3412353	SSF x LoA	-4,76767113	-0,003	0,314
CHR3	3412862	CHR3:3412862	SSF x LoA	-9,80838964	0,102	0,308
CHR3	34132915	CHR3:34132915	SSF x LoA	-7,85528915	-0,132	0,308
CHR3	34132982	CHR3:34132982	SSF x LoA	-11,322194	0,025	0,299
CHR3	34133184	CHR3:34133184	SSF x LoA	-9,64439184	-0,040	0,303
CHR3	34142131	CHR3:34142131	SSF x LoA	-9,58089317	-0,082	0,301
CHR3	34142167	CHR3:34142167	SSF x LoA	-11,3105219	-0,045	0,304
CHR3	34142175	CHR3:34142175	SSF x LoA	-10,6795799	-0,027	0,302
CHR3	34142257	CHR3:34142257	SSF x LoA	-10,7543279	-0,030	0,317
CHR3	34154332	CHR3:34154332	SSF x LoA	-11,8039965	0,009	0,304
CHR3	34160130	CHR3:34160130	SSF x LoA	-6,76100037	-0,045	0,305
CHR3	34160174	CHR3:34160174	SSF x LoA	-4,76883792	-0,033	0,331
CHR3	34160205	CHR3:34160205	SSF x LoA	-9,85738709	-0,006	0,318
CHR3	34160337	CHR3:34160337	SSF x LoA	-10,2968971	0,038	0,315
CHR3	34160369	CHR3:34160369	SSF x LoA	-9,00110857	0,047	0,305
CHR3	34160418	CHR3:34160418	SSF x LoA	-9,27267105	-0,042	0,311
CHR3	34160480	CHR3:34160480	SSF x LoA	-10,6972924	-0,103	0,312
CHR3	3416749	CHR3:3416749	SSF x LoA	6,33895233	0,011	0,311
CHR3	3416795	CHR3:3416795	SSF x LoA	-11,6976068	0,018	0,313
CHR3	3416887	CHR3:3416887	SSF x LoA	-9,7971254	0,134	0,307
CHR3	34169743	CHR3:34169743	SSF x LoA	-8,36243766	0,007	0,324
CHR3	34173699	CHR3:34173699	SSF x LoA	-6,37160416	-0,136	0,307
CHR3	34177467	CHR3:34177467	SSF x LoA	-10,8539691	-0,090	0,318
CHR3	3418000	CHR3:3418000	SSF x LoA	-11,9846506	-0,011	0,311
CHR3	34193642	CHR3:34193642	SSF x LoA	-11,9011647	0,034	0,306
CHR3	34193707	CHR3:34193707	SSF x LoA	-9,14817768	-0,010	0,303
CHR3	34193745	CHR3:34193745	SSF x LoA	-8,80507138	0,103	0,314
CHR3	34193907	CHR3:34193907	SSF x LoA	-9,3066915	0,022	0,303
CHR3	34197691	CHR3:34197691	SSF x LoA	-10,156766	0,111	0,303
CHR3	34203499	CHR3:34203499	SSF x LoA	-10,5863779	-0,058	0,309
CHR3	34230122	CHR3:34230122	SSF x LoA	-10,3753606	-0,163	0,297
CHR3	34230237	CHR3:34230237	SSF x LoA	-6,94107387	-0,007	0,306
CHR3	34235310	CHR3:34235310	SSF x LoA	-8,78949598	0,045	0,291
CHR3	34258526	CHR3:34258526	SSF x LoA	-10,3864295	-0,014	0,311
CHR3	34280348	CHR3:34280348	SSF x LoA	-11,4428248	-0,007	0,319
CHR3	3429918	CHR3:3429918	SSF x LoA	-8,44870766	-0,103	0,310
CHR3	34305008	CHR3:34305008	SSF x LoA	-7,14243709	0,146	0,301
CHR3	3431114	CHR3:3431114	SSF x LoA	-9,91044136	0,106	0,299
CHR3	34321791	CHR3:34321791	SSF x LoA	-9,16347231	-0,009	0,305
CHR3	3432299	CHR3:3432299	SSF x LoA	-10,3416457	0,026	0,304
CHR3	3432392	CHR3:3432392	SSF x LoA	-9,54214404	-0,030	0,299
CHR3	3432439	CHR3:3432439	SSF x LoA	-9,23307028	0,004	0,305
CHR3	34357579	CHR3:34357579	SSF x LoA	-12,0405029	0,011	0,308
CHR3	34357639	CHR3:34357639	SSF x LoA	-11,2925914	-0,002	0,293
CHR3	3444815	CHR3:3444815	SSF x LoA	-6,07523378	-0,003	0,312
CHR3	3444847	CHR3:3444847	SSF x LoA	-8,84753854	-0,052	0,293
CHR3	3444914	CHR3:3444914	SSF x LoA	-8,87483499	-0,089	0,300
CHR3	3445044	CHR3:3445044	SSF x LoA	-10,7773023	0,006	0,309
CHR3	3446274	CHR3:3446274	SSF x LoA	-7,28030309	0,050	0,300
CHR3	3451816	CHR3:3451816	SSF x LoA	-10,8086842	-0,089	0,304
CHR3	3451828	CHR3:3451828	SSF x LoA	-8,17087427	-0,121	0,300

CHR3	3468170	CHR3:3468170	SSF x LoA	-10,8973812	0,022	0,308
CHR3	3468393	CHR3:3468393	SSF x LoA	-7,13452333	0,040	0,306
CHR3	3468418	CHR3:3468418	SSF x LoA	-7,37755233	0,067	0,325
CHR3	3470835	CHR3:3470835	SSF x LoA	-5,55397197	0,174	0,296
CHR3	3470852	CHR3:3470852	SSF x LoA	-10,0045907	-0,084	0,303
CHR3	3474009	CHR3:3474009	SSF x LoA	-7,5312106	-0,118	0,309
CHR3	3474054	CHR3:3474054	SSF x LoA	-7,29647686	0,052	0,317
CHR3	3474062	CHR3:3474062	SSF x LoA	-7,55026654	-0,075	0,319
CHR3	3474185	CHR3:3474185	SSF x LoA	-3,85973287	0,216	0,282
CHR3	3474194	CHR3:3474194	SSF x LoA	-5,68173584	0,192	0,290
CHR3	3474201	CHR3:3474201	SSF x LoA	-4,14681576	0,229	0,292
CHR3	3480407	CHR3:3480407	SSF x LoA	-9,98312578	-0,078	0,301
CHR3	3480935	CHR3:3480935	SSF x LoA	-12,2048648	0,022	0,296
CHR3	3481120	CHR3:3481120	SSF x LoA	-10,7727208	-0,034	0,301
CHR3	348363	CHR3:348363	SSF x LoA	-11,4376319	0,034	0,309
CHR3	348498	CHR3:348498	SSF x LoA	-9,84892395	-0,036	0,292
CHR3	348569	CHR3:348569	SSF x LoA	-10,9208819	0,017	0,311
CHR3	3508410	CHR3:3508410	SSF x LoA	-8,55503657	0,102	0,296
CHR3	3510324	CHR3:3510324	SSF x LoA	-10,0975978	0,124	0,307
CHR3	3510450	CHR3:3510450	SSF x LoA	-7,66873425	0,083	0,303
CHR3	3510464	CHR3:3510464	SSF x LoA	-8,35615366	0,028	0,309
CHR3	3510475	CHR3:3510475	SSF x LoA	-7,52741265	-0,034	0,318
CHR3	3525879	CHR3:3525879	SSF x LoA	-7,47104997	0,086	0,307
CHR3	3525920	CHR3:3525920	SSF x LoA	-8,76480629	-0,031	0,309
CHR3	3528378	CHR3:3528378	SSF x LoA	-7,1391841	0,049	0,301
CHR3	3528410	CHR3:3528410	SSF x LoA	-6,51091506	-0,128	0,304
CHR3	3528431	CHR3:3528431	SSF x LoA	-9,64563545	0,069	0,304
CHR3	3528441	CHR3:3528441	SSF x LoA	-12,0590103	-0,035	0,292
CHR3	3528458	CHR3:3528458	SSF x LoA	-8,86157152	-0,080	0,284
CHR3	3528495	CHR3:3528495	SSF x LoA	-6,99410235	-0,139	0,315
CHR3	3528599	CHR3:3528599	SSF x LoA	-6,82242912	-0,149	0,304
CHR3	3531164	CHR3:3531164	SSF x LoA	-10,9977476	0,069	0,300
CHR3	3546179	CHR3:3546179	SSF x LoA	-6,27604064	-0,007	0,310
CHR3	3547018	CHR3:3547018	SSF x LoA	-7,78864137	-0,119	0,311
CHR3	3556549	CHR3:3556549	SSF x LoA	-11,8342788	-0,080	0,300
CHR3	3556576	CHR3:3556576	SSF x LoA	-9,38700503	0,082	0,307
CHR3	3556592	CHR3:3556592	SSF x LoA	-10,7834447	0,060	0,314
CHR3	3561986	CHR3:3561986	SSF x LoA	-9,07445941	0,099	0,296
CHR3	3562003	CHR3:3562003	SSF x LoA	-4,93276505	0,086	0,308
CHR3	3562017	CHR3:3562017	SSF x LoA	-7,65603875	0,071	0,309
CHR3	3562021	CHR3:3562021	SSF x LoA	8,61413012	0,166	0,304
CHR3	3562063	CHR3:3562063	SSF x LoA	-9,28206088	0,085	0,313
CHR3	3562065	CHR3:3562065	SSF x LoA	-8,84743383	0,103	0,310
CHR3	3562066	CHR3:3562066	SSF x LoA	-9,28864983	0,089	0,311
CHR3	3562088	CHR3:3562088	SSF x LoA	-9,68949112	0,060	0,313
CHR3	3566305	CHR3:3566305	SSF x LoA	-10,4218554	0,016	0,303
CHR3	3568272	CHR3:3568272	SSF x LoA	-8,40365414	-0,053	0,315
CHR3	3568347	CHR3:3568347	SSF x LoA	-9,02990163	0,057	0,305
CHR3	3568350	CHR3:3568350	SSF x LoA	-9,25662448	0,130	0,292
CHR3	3573904	CHR3:3573904	SSF x LoA	-11,7563478	-0,072	0,299
CHR3	3574075	CHR3:3574075	SSF x LoA	-6,23755171	-0,034	0,302
CHR3	3580939	CHR3:3580939	SSF x LoA	-10,6979308	-0,045	0,312
CHR3	3584593	CHR3:3584593	SSF x LoA	-10,9930162	-0,016	0,309

CHR3	3584636	CHR3:3584636	SSF x LoA	-5,89024431	0,069	0,315
CHR3	3584656	CHR3:3584656	SSF x LoA	-8,86469195	0,097	0,303
CHR3	3584684	CHR3:3584684	SSF x LoA	-8,49432058	-0,103	0,297
CHR3	3584703	CHR3:3584703	SSF x LoA	-7,56131555	0,095	0,307
CHR3	3584735	CHR3:3584735	SSF x LoA	-6,23923425	0,021	0,318
CHR3	3584777	CHR3:3584777	SSF x LoA	-10,7329127	0,000	0,314
CHR3	3602472	CHR3:3602472	SSF x LoA	-10,2958668	0,021	0,300
CHR3	3603257	CHR3:3603257	SSF x LoA	-10,0595564	-0,041	0,317
CHR3	3605628	CHR3:3605628	SSF x LoA	-8,24410932	0,030	0,312
CHR3	362098	CHR3:362098	SSF x LoA	-9,10367896	-0,052	0,312
CHR3	362873	CHR3:362873	SSF x LoA	-6,96468971	-0,031	0,314
CHR3	3632623	CHR3:3632623	SSF x LoA	-9,20888768	0,108	0,299
CHR3	3632672	CHR3:3632672	SSF x LoA	-7,44009412	-0,120	0,313
CHR3	3632684	CHR3:3632684	SSF x LoA	-9,37998624	0,023	0,314
CHR3	3632703	CHR3:3632703	SSF x LoA	-9,84837236	0,002	0,294
CHR3	3632797	CHR3:3632797	SSF x LoA	-9,01623185	-0,089	0,297
CHR3	3645839	CHR3:3645839	SSF x LoA	-10,2182717	0,091	0,312
CHR3	3652767	CHR3:3652767	SSF x LoA	-10,743266	-0,022	0,289
CHR3	3667305	CHR3:3667305	SSF x LoA	-8,75680985	0,026	0,301
CHR3	3667317	CHR3:3667317	SSF x LoA	-8,1828529	0,037	0,315
CHR3	3667329	CHR3:3667329	SSF x LoA	-9,65911874	-0,003	0,310
CHR3	3671352	CHR3:3671352	SSF x LoA	-9,02444432	0,013	0,312
CHR3	3673788	CHR3:3673788	SSF x LoA	1,90725856	-0,073	0,306
CHR3	3673795	CHR3:3673795	SSF x LoA	-11,8365103	0,050	0,302
CHR3	3675600	CHR3:3675600	SSF x LoA	-10,2857023	0,063	0,309
CHR3	3680141	CHR3:3680141	SSF x LoA	-8,72179942	-0,001	0,304
CHR3	3680237	CHR3:3680237	SSF x LoA	-11,1049695	-0,018	0,300
CHR3	3680246	CHR3:3680246	SSF x LoA	-11,3401982	0,003	0,311
CHR3	3687162	CHR3:3687162	SSF x LoA	-8,08855701	-0,059	0,319
CHR3	3687299	CHR3:3687299	SSF x LoA	-10,0875499	-0,089	0,297
CHR3	369430	CHR3:369430	SSF x LoA	-10,5277604	0,041	0,309
CHR3	3711780	CHR3:3711780	SSF x LoA	-9,17759223	0,051	0,306
CHR3	3715014	CHR3:3715014	SSF x LoA	-10,1709999	0,105	0,302
CHR3	3715080	CHR3:3715080	SSF x LoA	-3,60582573	-0,199	0,302
CHR3	3715157	CHR3:3715157	SSF x LoA	-9,05006704	-0,046	0,314
CHR3	3715161	CHR3:3715161	SSF x LoA	-10,231132	0,093	0,316
CHR3	3715185	CHR3:3715185	SSF x LoA	-10,2862222	-0,045	0,319
CHR3	3718242	CHR3:3718242	SSF x LoA	-8,14985352	0,156	0,290
CHR3	3718246	CHR3:3718246	SSF x LoA	-8,07564575	-0,111	0,300
CHR3	3719437	CHR3:3719437	SSF x LoA	-7,2516809	0,153	0,302
CHR3	372043	CHR3:372043	SSF x LoA	-9,17789725	-0,020	0,302
CHR3	3722245	CHR3:3722245	SSF x LoA	-10,4948769	-0,062	0,302
CHR3	3722247	CHR3:3722247	SSF x LoA	-11,2703837	0,013	0,317
CHR3	3727369	CHR3:3727369	SSF x LoA	-8,69139187	-0,104	0,310
CHR3	3730229	CHR3:3730229	SSF x LoA	-9,45608928	-0,061	0,292
CHR3	3743774	CHR3:3743774	SSF x LoA	-10,9388127	-0,090	0,309
CHR3	3744011	CHR3:3744011	SSF x LoA	-8,64351118	0,118	0,310
CHR3	3744027	CHR3:3744027	SSF x LoA	-8,27745402	0,005	0,320
CHR3	3744068	CHR3:3744068	SSF x LoA	-10,3368336	0,017	0,318
CHR3	3764935	CHR3:3764935	SSF x LoA	-10,4063946	-0,030	0,306
CHR3	3765021	CHR3:3765021	SSF x LoA	-8,19858376	-0,066	0,308
CHR3	3765032	CHR3:3765032	SSF x LoA	-9,70169608	-0,091	0,291
CHR3	3765079	CHR3:3765079	SSF x LoA	-8,99472197	-0,014	0,312

CHR3	3765081	CHR3:3765081	SSF x LoA	-8,8975982	0,114	0,304
CHR3	3765100	CHR3:3765100	SSF x LoA	-10,2858568	-0,015	0,314
CHR3	3765124	CHR3:3765124	SSF x LoA	-8,76686141	-0,058	0,312
CHR3	376733	CHR3:376733	SSF x LoA	-9,084997	-0,041	0,299
CHR3	376879	CHR3:376879	SSF x LoA	-8,5439531	0,033	0,308
CHR3	3778084	CHR3:3778084	SSF x LoA	-10,1585998	-0,027	0,316
CHR3	3778142	CHR3:3778142	SSF x LoA	-10,6920829	-0,015	0,320
CHR3	3790902	CHR3:3790902	SSF x LoA	-9,76390252	0,145	0,306
CHR3	3791192	CHR3:3791192	SSF x LoA	-9,94158107	0,096	0,288
CHR3	3791202	CHR3:3791202	SSF x LoA	-10,5623271	0,088	0,325
CHR3	3795353	CHR3:3795353	SSF x LoA	-2,26775777	0,235	0,308
CHR3	3795467	CHR3:3795467	SSF x LoA	-6,60222998	0,165	0,303
CHR3	3795527	CHR3:3795527	SSF x LoA	-7,65004506	0,153	0,308
CHR3	3798534	CHR3:3798534	SSF x LoA	-8,96998513	0,030	0,309
CHR3	3818376	CHR3:3818376	SSF x LoA	-4,16255029	-0,130	0,299
CHR3	3818400	CHR3:3818400	SSF x LoA	-9,3981611	-0,136	0,302
CHR3	3818478	CHR3:3818478	SSF x LoA	-11,3043826	0,059	0,300
CHR3	3818503	CHR3:3818503	SSF x LoA	-12,0234639	0,050	0,296
CHR3	3818610	CHR3:3818610	SSF x LoA	-11,159553	-0,025	0,302
CHR3	3824021	CHR3:3824021	SSF x LoA	-11,3251586	-0,091	0,303
CHR3	3824026	CHR3:3824026	SSF x LoA	-11,234404	-0,109	0,310
CHR3	3824262	CHR3:3824262	SSF x LoA	-8,28031261	0,070	0,314
CHR3	3833434	CHR3:3833434	SSF x LoA	-7,93355071	0,001	0,314
CHR3	3833448	CHR3:3833448	SSF x LoA	-8,5396753	-0,124	0,305
CHR3	3833490	CHR3:3833490	SSF x LoA	-7,09408052	-0,132	0,311
CHR3	3833575	CHR3:3833575	SSF x LoA	-8,70028318	-0,055	0,284
CHR3	3833635	CHR3:3833635	SSF x LoA	-12,5409424	-0,011	0,315
CHR3	3833636	CHR3:3833636	SSF x LoA	-9,63572446	0,069	0,301
CHR3	383602	CHR3:383602	SSF x LoA	-8,66015315	0,086	0,311
CHR3	383620	CHR3:383620	SSF x LoA	-9,07754596	-0,041	0,315
CHR3	3845008	CHR3:3845008	SSF x LoA	-9,44076334	-0,002	0,300
CHR3	3845026	CHR3:3845026	SSF x LoA	-9,57587512	0,067	0,301
CHR3	3845031	CHR3:3845031	SSF x LoA	-10,21237	0,089	0,304
CHR3	3845038	CHR3:3845038	SSF x LoA	-9,02976811	0,103	0,309
CHR3	3847782	CHR3:3847782	SSF x LoA	-8,73608747	-0,067	0,297
CHR3	3848038	CHR3:3848038	SSF x LoA	-11,3666721	-0,037	0,298
CHR3	3848078	CHR3:3848078	SSF x LoA	-9,55848259	-0,074	0,312
CHR3	3852893	CHR3:3852893	SSF x LoA	-8,95650285	0,094	0,320
CHR3	3852946	CHR3:3852946	SSF x LoA	-11,6042839	0,003	0,299
CHR3	3852966	CHR3:3852966	SSF x LoA	-10,7468897	0,036	0,309
CHR3	3853027	CHR3:3853027	SSF x LoA	-9,09690322	-0,058	0,326
CHR3	3853033	CHR3:3853033	SSF x LoA	-7,24272822	-0,066	0,312
CHR3	3853036	CHR3:3853036	SSF x LoA	-8,90284048	-0,079	0,310
CHR3	3853049	CHR3:3853049	SSF x LoA	-8,00523728	-0,021	0,316
CHR3	3853132	CHR3:3853132	SSF x LoA	-8,61931365	0,081	0,304
CHR3	3863430	CHR3:3863430	SSF x LoA	-8,68754004	-0,061	0,301
CHR3	3863437	CHR3:3863437	SSF x LoA	-11,6264579	0,020	0,299
CHR3	3876119	CHR3:3876119	SSF x LoA	-9,31223889	0,031	0,312
CHR3	3877284	CHR3:3877284	SSF x LoA	-7,23042921	-0,062	0,315
CHR3	3886393	CHR3:3886393	SSF x LoA	-9,3750579	-0,049	0,294
CHR3	3886498	CHR3:3886498	SSF x LoA	-10,2213323	0,009	0,315
CHR3	3886555	CHR3:3886555	SSF x LoA	-7,281659	-0,068	0,299
CHR3	3886584	CHR3:3886584	SSF x LoA	-10,1705217	0,061	0,310

CHR3	3889537	CHR3:3889537	SSF x LoA	-6,79153771	0,086	0,319
CHR3	3889824	CHR3:3889824	SSF x LoA	-4,36035889	-0,142	0,290
CHR3	3889842	CHR3:3889842	SSF x LoA	-7,9025695	0,140	0,297
CHR3	3906888	CHR3:3906888	SSF x LoA	-8,25954336	-0,096	0,296
CHR3	3906979	CHR3:3906979	SSF x LoA	-11,0295242	0,042	0,307
CHR3	3906987	CHR3:3906987	SSF x LoA	-8,29569228	0,166	0,295
CHR3	3907001	CHR3:3907001	SSF x LoA	-9,54142418	-0,057	0,310
CHR3	3907012	CHR3:3907012	SSF x LoA	-7,52163711	-0,047	0,318
CHR3	3907019	CHR3:3907019	SSF x LoA	-10,9068547	-0,074	0,301
CHR3	3907122	CHR3:3907122	SSF x LoA	-9,01042994	0,090	0,298
CHR3	390803	CHR3:390803	SSF x LoA	-8,04753373	-0,175	0,308
CHR3	390898	CHR3:390898	SSF x LoA	-9,18763741	-0,006	0,312
CHR3	3912500	CHR3:3912500	SSF x LoA	-11,6469733	0,030	0,305
CHR3	3924808	CHR3:3924808	SSF x LoA	-10,3686497	-0,047	0,309
CHR3	3924829	CHR3:3924829	SSF x LoA	-8,00067442	-0,023	0,312
CHR3	3924927	CHR3:3924927	SSF x LoA	-10,0738685	-0,003	0,311
CHR3	3925002	CHR3:3925002	SSF x LoA	-10,9153677	-0,037	0,324
CHR3	3926757	CHR3:3926757	SSF x LoA	-7,98389917	0,077	0,303
CHR3	3926758	CHR3:3926758	SSF x LoA	-8,85475771	0,079	0,293
CHR3	3931464	CHR3:3931464	SSF x LoA	-4,34389359	-0,091	0,308
CHR3	3931472	CHR3:3931472	SSF x LoA	-10,1365707	0,024	0,296
CHR3	3931567	CHR3:3931567	SSF x LoA	-7,34580315	-0,112	0,308
CHR3	3934883	CHR3:3934883	SSF x LoA	-7,50648516	0,086	0,302
CHR3	3958139	CHR3:3958139	SSF x LoA	-9,88926709	0,072	0,293
CHR3	3958147	CHR3:3958147	SSF x LoA	-7,43444165	0,136	0,298
CHR3	3958155	CHR3:3958155	SSF x LoA	-6,69761069	0,171	0,296
CHR3	3958191	CHR3:3958191	SSF x LoA	-4,69827318	0,151	0,296
CHR3	3958192	CHR3:3958192	SSF x LoA	-8,67142152	-0,003	0,311
CHR3	3958195	CHR3:3958195	SSF x LoA	-11,2445169	-0,004	0,295
CHR3	3978425	CHR3:3978425	SSF x LoA	-12,2770229	0,011	0,312
CHR3	3978454	CHR3:3978454	SSF x LoA	-9,56841822	0,002	0,308
CHR3	3978470	CHR3:3978470	SSF x LoA	-7,20721089	-0,063	0,308
CHR3	3978513	CHR3:3978513	SSF x LoA	-5,18531159	0,062	0,306
CHR3	3984498	CHR3:3984498	SSF x LoA	-11,4173715	-0,069	0,307
CHR3	3984622	CHR3:3984622	SSF x LoA	-10,0353953	0,046	0,307
CHR3	3984638	CHR3:3984638	SSF x LoA	-9,27830235	-0,010	0,312
CHR3	3984657	CHR3:3984657	SSF x LoA	-8,92406388	-0,002	0,311
CHR3	3984707	CHR3:3984707	SSF x LoA	-9,51066952	-0,067	0,305
CHR3	3990126	CHR3:3990126	SSF x LoA	-8,18481468	-0,023	0,295
CHR3	3992457	CHR3:3992457	SSF x LoA	-9,21292622	0,008	0,307
CHR3	3992465	CHR3:3992465	SSF x LoA	-10,9491925	-0,054	0,312
CHR3	3997286	CHR3:3997286	SSF x LoA	-9,00121957	0,001	0,309
CHR3	3997411	CHR3:3997411	SSF x LoA	-10,7201435	-0,110	0,306
CHR3	3999906	CHR3:3999906	SSF x LoA	-6,002009	-0,071	0,304
CHR3	3999921	CHR3:3999921	SSF x LoA	-4,85923057	-0,199	0,283
CHR3	4001555	CHR3:4001555	SSF x LoA	-8,0370729	-0,005	0,307
CHR3	4001576	CHR3:4001576	SSF x LoA	-7,76644483	0,056	0,312
CHR3	4001581	CHR3:4001581	SSF x LoA	-8,39427268	-0,155	0,297
CHR3	4001604	CHR3:4001604	SSF x LoA	-6,88822411	0,109	0,300
CHR3	4001636	CHR3:4001636	SSF x LoA	-8,72709605	0,021	0,306
CHR3	4001710	CHR3:4001710	SSF x LoA	-12,4218228	-0,001	0,301
CHR3	4001733	CHR3:4001733	SSF x LoA	-11,1426156	0,102	0,303
CHR3	401694	CHR3:401694	SSF x LoA	-9,26941163	-0,013	0,297

CHR3	4018461	CHR3:4018461	SSF x LoA	-4,52257086	-0,080	0,310
CHR3	4018505	CHR3:4018505	SSF x LoA	-10,1521545	0,028	0,308
CHR3	4018560	CHR3:4018560	SSF x LoA	-10,404267	0,067	0,307
CHR3	4018632	CHR3:4018632	SSF x LoA	-7,49593197	-0,099	0,295
CHR3	4019778	CHR3:4019778	SSF x LoA	-8,15395068	0,081	0,307
CHR3	4025534	CHR3:4025534	SSF x LoA	-9,43819613	0,024	0,301
CHR3	4025539	CHR3:4025539	SSF x LoA	-9,47379194	-0,116	0,306
CHR3	4025557	CHR3:4025557	SSF x LoA	-10,0257735	0,127	0,298
CHR3	4025597	CHR3:4025597	SSF x LoA	-0,73158573	-0,151	0,303
CHR3	4025663	CHR3:4025663	SSF x LoA	-9,31623018	-0,026	0,304
CHR3	4027658	CHR3:4027658	SSF x LoA	-8,71830004	-0,019	0,307
CHR3	402776	CHR3:402776	SSF x LoA	-8,37589285	-0,057	0,298
CHR3	4027963	CHR3:4027963	SSF x LoA	-10,2277325	-0,067	0,301
CHR3	4045364	CHR3:4045364	SSF x LoA	-11,0877097	0,120	0,321
CHR3	4047414	CHR3:4047414	SSF x LoA	-9,43529725	-0,028	0,289
CHR3	4050599	CHR3:4050599	SSF x LoA	-9,63776413	0,064	0,314
CHR3	4061030	CHR3:4061030	SSF x LoA	-9,3265491	0,044	0,298
CHR3	4062871	CHR3:4062871	SSF x LoA	-10,2308988	0,092	0,308
CHR3	4076743	CHR3:4076743	SSF x LoA	-10,2544945	-0,025	0,303
CHR3	4077930	CHR3:4077930	SSF x LoA	-8,88488359	0,056	0,300
CHR3	4077992	CHR3:4077992	SSF x LoA	-7,62970385	0,020	0,314
CHR3	407976	CHR3:407976	SSF x LoA	-9,21335482	-0,021	0,307
CHR3	408146	CHR3:408146	SSF x LoA	-10,9411494	0,114	0,302
CHR3	4082071	CHR3:4082071	SSF x LoA	-9,34756707	-0,047	0,281
CHR3	408220	CHR3:408220	SSF x LoA	-10,267215	0,018	0,296
CHR3	4091552	CHR3:4091552	SSF x LoA	-10,0078838	-0,104	0,298
CHR3	4091556	CHR3:4091556	SSF x LoA	-6,84915486	-0,005	0,313
CHR3	4091616	CHR3:4091616	SSF x LoA	-10,6333045	-0,061	0,295
CHR3	4091642	CHR3:4091642	SSF x LoA	-8,48671235	0,078	0,312
CHR3	4091681	CHR3:4091681	SSF x LoA	-6,95300654	0,049	0,313
CHR3	4091718	CHR3:4091718	SSF x LoA	-9,17024224	-0,033	0,298
CHR3	4098687	CHR3:4098687	SSF x LoA	-8,13575011	0,072	0,305
CHR3	4099293	CHR3:4099293	SSF x LoA	-11,2146899	0,058	0,298
CHR3	4099320	CHR3:4099320	SSF x LoA	-5,22941179	0,040	0,295
CHR3	4099351	CHR3:4099351	SSF x LoA	-8,64810518	0,047	0,304
CHR3	4099369	CHR3:4099369	SSF x LoA	-7,60798067	0,049	0,307
CHR3	4099396	CHR3:4099396	SSF x LoA	-8,93643126	0,065	0,305
CHR3	4099417	CHR3:4099417	SSF x LoA	-9,21287118	0,077	0,292
CHR3	4099450	CHR3:4099450	SSF x LoA	-10,7577518	0,029	0,311
CHR3	4110964	CHR3:4110964	SSF x LoA	-9,49746266	-0,096	0,300
CHR3	4111020	CHR3:4111020	SSF x LoA	-7,65602292	0,125	0,295
CHR3	411141	CHR3:411141	SSF x LoA	-5,70610779	-0,161	0,297
CHR3	411182	CHR3:411182	SSF x LoA	-7,14290574	0,132	0,300
CHR3	411234	CHR3:411234	SSF x LoA	-10,3238979	-0,064	0,303
CHR3	411247	CHR3:411247	SSF x LoA	-7,03797949	-0,208	0,289
CHR3	4124401	CHR3:4124401	SSF x LoA	-5,68143512	-0,103	0,303
CHR3	4139764	CHR3:4139764	SSF x LoA	-10,7949452	0,021	0,318
CHR3	4139923	CHR3:4139923	SSF x LoA	-8,51864593	0,075	0,312
CHR3	4141150	CHR3:4141150	SSF x LoA	-11,8815304	0,000	0,296
CHR3	4141338	CHR3:4141338	SSF x LoA	-8,497107	-0,058	0,307
CHR3	4141346	CHR3:4141346	SSF x LoA	-10,7441727	-0,068	0,313
CHR3	4154230	CHR3:4154230	SSF x LoA	-9,67904368	0,015	0,322
CHR3	4154235	CHR3:4154235	SSF x LoA	-8,71987535	-0,109	0,310

CHR3	4154236	CHR3:4154236	SSF x LoA	-10,0119358	-0,081	0,308
CHR3	4154275	CHR3:4154275	SSF x LoA	-8,88572358	-0,048	0,314
CHR3	4164970	CHR3:4164970	SSF x LoA	-8,20396756	0,051	0,313
CHR3	4165053	CHR3:4165053	SSF x LoA	-7,01048312	0,084	0,307
CHR3	4181242	CHR3:4181242	SSF x LoA	-9,03860505	0,019	0,303
CHR3	4181279	CHR3:4181279	SSF x LoA	-8,90998448	-0,024	0,305
CHR3	4181447	CHR3:4181447	SSF x LoA	-9,5830882	0,106	0,284
CHR3	4181461	CHR3:4181461	SSF x LoA	-8,37833033	-0,061	0,303
CHR3	4184804	CHR3:4184804	SSF x LoA	-10,0227778	0,020	0,305
CHR3	4185848	CHR3:4185848	SSF x LoA	-9,11672177	-0,032	0,296
CHR3	4185896	CHR3:4185896	SSF x LoA	-8,95997898	0,036	0,307
CHR3	4193350	CHR3:4193350	SSF x LoA	-4,92424684	0,035	0,310
CHR3	4193389	CHR3:4193389	SSF x LoA	-9,75525218	0,027	0,301
CHR3	4193394	CHR3:4193394	SSF x LoA	-9,64588542	-0,115	0,299
CHR3	4193417	CHR3:4193417	SSF x LoA	-9,12988692	0,023	0,308
CHR3	4193436	CHR3:4193436	SSF x LoA	-9,12729471	0,046	0,308
CHR3	4193536	CHR3:4193536	SSF x LoA	-10,4533592	-0,104	0,314
CHR3	4195065	CHR3:4195065	SSF x LoA	-8,83427942	0,061	0,311
CHR3	420124	CHR3:420124	SSF x LoA	-9,33156167	-0,028	0,309
CHR3	4201622	CHR3:4201622	SSF x LoA	-10,6901999	0,018	0,309
CHR3	4201766	CHR3:4201766	SSF x LoA	6,47447658	-0,148	0,297
CHR3	4201965	CHR3:4201965	SSF x LoA	-10,1818078	-0,005	0,314
CHR3	420205	CHR3:420205	SSF x LoA	-9,00997198	0,019	0,308
CHR3	420206	CHR3:420206	SSF x LoA	-8,19426166	0,057	0,315
CHR3	420208	CHR3:420208	SSF x LoA	-9,01356005	0,059	0,288
CHR3	420242	CHR3:420242	SSF x LoA	-8,37465363	0,038	0,308
CHR3	420300	CHR3:420300	SSF x LoA	-8,19401779	0,049	0,319
CHR3	420350	CHR3:420350	SSF x LoA	-11,6069767	0,006	0,304
CHR3	4206062	CHR3:4206062	SSF x LoA	-7,01012054	0,133	0,299
CHR3	4206141	CHR3:4206141	SSF x LoA	-8,17775039	0,026	0,314
CHR3	4206142	CHR3:4206142	SSF x LoA	-8,97567706	0,065	0,315
CHR3	4206176	CHR3:4206176	SSF x LoA	-9,2955281	-0,036	0,298
CHR3	4206321	CHR3:4206321	SSF x LoA	-10,5203633	0,101	0,305
CHR3	4209335	CHR3:4209335	SSF x LoA	-7,14383504	-0,023	0,314
CHR3	4209407	CHR3:4209407	SSF x LoA	-11,3035515	0,067	0,302
CHR3	4211158	CHR3:4211158	SSF x LoA	-10,5920727	0,083	0,294
CHR3	4211365	CHR3:4211365	SSF x LoA	-9,80636991	-0,066	0,291
CHR3	4211371	CHR3:4211371	SSF x LoA	-11,034071	-0,079	0,301
CHR3	422265	CHR3:422265	SSF x LoA	-11,5333888	-0,052	0,300
CHR3	4233267	CHR3:4233267	SSF x LoA	-9,25120749	0,063	0,309
CHR3	4233336	CHR3:4233336	SSF x LoA	-8,74092252	0,136	0,303
CHR3	4233408	CHR3:4233408	SSF x LoA	-8,97669783	0,027	0,303
CHR3	4233432	CHR3:4233432	SSF x LoA	-10,4771605	0,100	0,299
CHR3	4252930	CHR3:4252930	SSF x LoA	-10,4330942	0,089	0,298
CHR3	4252955	CHR3:4252955	SSF x LoA	-9,42019467	0,019	0,306
CHR3	425394	CHR3:425394	SSF x LoA	-8,52036906	0,069	0,310
CHR3	426304	CHR3:426304	SSF x LoA	-4,51214864	-0,015	0,302
CHR3	426390	CHR3:426390	SSF x LoA	-9,16351267	-0,014	0,314
CHR3	4270913	CHR3:4270913	SSF x LoA	-9,0103872	-0,115	0,314
CHR3	4271055	CHR3:4271055	SSF x LoA	-10,5280012	-0,062	0,301
CHR3	4271103	CHR3:4271103	SSF x LoA	-9,99923819	-0,013	0,308
CHR3	4273012	CHR3:4273012	SSF x LoA	-6,96002003	0,085	0,312
CHR3	4281040	CHR3:4281040	SSF x LoA	-7,63953304	-0,023	0,303

CHR3	4281085	CHR3:4281085	SSF x LoA	-7,20872053	0,160	0,313
CHR3	4281164	CHR3:4281164	SSF x LoA	-8,57821169	-0,137	0,296
CHR3	428609	CHR3:428609	SSF x LoA	-6,94258711	0,080	0,302
CHR3	428614	CHR3:428614	SSF x LoA	-8,75064983	0,087	0,319
CHR3	428725	CHR3:428725	SSF x LoA	-8,68638893	-0,100	0,297
CHR3	4289835	CHR3:4289835	SSF x LoA	-10,8475854	0,078	0,289
CHR3	4289871	CHR3:4289871	SSF x LoA	-9,75114393	-0,012	0,305
CHR3	4289941	CHR3:4289941	SSF x LoA	-8,4731926	-0,009	0,321
CHR3	4317466	CHR3:4317466	SSF x LoA	-7,32050518	0,073	0,301
CHR3	4317475	CHR3:4317475	SSF x LoA	-8,38019881	-0,048	0,322
CHR3	4317511	CHR3:4317511	SSF x LoA	-10,4238478	0,050	0,320
CHR3	4324365	CHR3:4324365	SSF x LoA	-9,29990766	-0,013	0,304
CHR3	4324509	CHR3:4324509	SSF x LoA	-10,1294388	0,031	0,309
CHR3	4339809	CHR3:4339809	SSF x LoA	-10,5604245	0,018	0,311
CHR3	4339974	CHR3:4339974	SSF x LoA	-8,69380316	0,010	0,314
CHR3	4340824	CHR3:4340824	SSF x LoA	-8,08601825	0,133	0,304
CHR3	4344918	CHR3:4344918	SSF x LoA	-7,55575639	-0,124	0,309
CHR3	434504	CHR3:434504	SSF x LoA	-9,94136117	-0,071	0,303
CHR3	434519	CHR3:434519	SSF x LoA	-10,1915979	0,036	0,303
CHR3	434615	CHR3:434615	SSF x LoA	-9,42390863	0,004	0,308
CHR3	434618	CHR3:434618	SSF x LoA	-7,53333396	0,030	0,304
CHR3	434876	CHR3:434876	SSF x LoA	-9,62409838	0,023	0,307
CHR3	434923	CHR3:434923	SSF x LoA	-9,10936809	-0,015	0,313
CHR3	434965	CHR3:434965	SSF x LoA	-7,9438161	0,010	0,303
CHR3	4350403	CHR3:4350403	SSF x LoA	-7,25620772	0,065	0,306
CHR3	4355690	CHR3:4355690	SSF x LoA	-8,72515739	-0,089	0,301
CHR3	4358777	CHR3:4358777	SSF x LoA	-8,48741957	0,207	0,286
CHR3	4358804	CHR3:4358804	SSF x LoA	-10,1201508	-0,053	0,315
CHR3	4358812	CHR3:4358812	SSF x LoA	-11,4154965	-0,046	0,294
CHR3	4358816	CHR3:4358816	SSF x LoA	-11,3372298	-0,065	0,300
CHR3	4368708	CHR3:4368708	SSF x LoA	-10,1270184	-0,014	0,309
CHR3	4396380	CHR3:4396380	SSF x LoA	-4,57314757	-0,219	0,288
CHR3	4396722	CHR3:4396722	SSF x LoA	-10,9533423	0,016	0,307
CHR3	4396723	CHR3:4396723	SSF x LoA	-9,19629474	0,019	0,315
CHR3	4403361	CHR3:4403361	SSF x LoA	-11,1198474	-0,117	0,312
CHR3	4410365	CHR3:4410365	SSF x LoA	-10,7656701	0,061	0,311
CHR3	4417942	CHR3:4417942	SSF x LoA	-8,97591802	-0,003	0,306
CHR3	4418006	CHR3:4418006	SSF x LoA	-8,59319399	0,015	0,313
CHR3	4418166	CHR3:4418166	SSF x LoA	-9,17518273	0,137	0,290
CHR3	4423518	CHR3:4423518	SSF x LoA	-8,44786031	-0,006	0,310
CHR3	4423603	CHR3:4423603	SSF x LoA	-9,67429351	0,044	0,310
CHR3	442669	CHR3:442669	SSF x LoA	-8,81376521	0,087	0,308
CHR3	442701	CHR3:442701	SSF x LoA	-7,75941361	-0,065	0,310
CHR3	4436274	CHR3:4436274	SSF x LoA	-11,0286515	0,027	0,301
CHR3	4436276	CHR3:4436276	SSF x LoA	-9,20371345	0,043	0,310
CHR3	4436361	CHR3:4436361	SSF x LoA	-8,53046871	0,084	0,302
CHR3	4438277	CHR3:4438277	SSF x LoA	-10,8398867	-0,028	0,287
CHR3	4438302	CHR3:4438302	SSF x LoA	-7,88462789	-0,147	0,299
CHR3	4438326	CHR3:4438326	SSF x LoA	-9,62733095	-0,119	0,298
CHR3	4438354	CHR3:4438354	SSF x LoA	-10,0154744	-0,144	0,295
CHR3	4446745	CHR3:4446745	SSF x LoA	-7,24259071	-0,014	0,315
CHR3	4446873	CHR3:4446873	SSF x LoA	-9,72056491	-0,028	0,303
CHR3	4475145	CHR3:4475145	SSF x LoA	-5,82189053	-0,058	0,310

CHR3	4475203	CHR3:4475203	SSF x LoA	-7,80638961	-0,072	0,296
CHR3	4475283	CHR3:4475283	SSF x LoA	-8,57266157	-0,079	0,304
CHR3	4475284	CHR3:4475284	SSF x LoA	-2,78732756	-0,056	0,307
CHR3	4484673	CHR3:4484673	SSF x LoA	-9,98220232	0,069	0,303
CHR3	4484929	CHR3:4484929	SSF x LoA	-8,66484477	0,046	0,310
CHR3	4494839	CHR3:4494839	SSF x LoA	-8,54101229	0,060	0,306
CHR3	4494959	CHR3:4494959	SSF x LoA	-0,99410923	-0,166	0,314
CHR3	4494978	CHR3:4494978	SSF x LoA	-10,4229054	-0,042	0,312
CHR3	4494990	CHR3:4494990	SSF x LoA	-11,4405789	-0,077	0,301
CHR3	4495025	CHR3:4495025	SSF x LoA	-8,52248347	0,023	0,305
CHR3	4495026	CHR3:4495026	SSF x LoA	-9,45023377	0,012	0,292
CHR3	4495035	CHR3:4495035	SSF x LoA	-8,10009059	-0,052	0,308
CHR3	4495057	CHR3:4495057	SSF x LoA	-10,6519156	-0,090	0,319
CHR3	4499047	CHR3:4499047	SSF x LoA	-11,1988524	-0,038	0,313
CHR3	4499109	CHR3:4499109	SSF x LoA	-8,21561814	-0,084	0,307
CHR3	4499127	CHR3:4499127	SSF x LoA	-9,16807341	-0,075	0,311
CHR3	4499140	CHR3:4499140	SSF x LoA	-11,7201711	0,001	0,302
CHR3	4499160	CHR3:4499160	SSF x LoA	-11,6268463	-0,020	0,311
CHR3	4499178	CHR3:4499178	SSF x LoA	-9,06977877	-0,084	0,304
CHR3	4499216	CHR3:4499216	SSF x LoA	-9,10062712	-0,055	0,307
CHR3	4517465	CHR3:4517465	SSF x LoA	-7,15852051	-0,135	0,313
CHR3	4517475	CHR3:4517475	SSF x LoA	-5,11802604	-0,187	0,313
CHR3	4517492	CHR3:4517492	SSF x LoA	-8,59180583	-0,018	0,310
CHR3	4517537	CHR3:4517537	SSF x LoA	-4,97691687	-0,058	0,313
CHR3	4517550	CHR3:4517550	SSF x LoA	-10,5213738	-0,107	0,291
CHR3	4521178	CHR3:4521178	SSF x LoA	-9,54502669	-0,133	0,307
CHR3	4521195	CHR3:4521195	SSF x LoA	-10,7470139	-0,019	0,311
CHR3	4524174	CHR3:4524174	SSF x LoA	-8,92135248	-0,105	0,299
CHR3	4528147	CHR3:4528147	SSF x LoA	-8,95392561	-0,074	0,307
CHR3	4528176	CHR3:4528176	SSF x LoA	-8,72009654	-0,125	0,297
CHR3	4528185	CHR3:4528185	SSF x LoA	-5,9472508	-0,133	0,286
CHR3	4538730	CHR3:4538730	SSF x LoA	-9,51835645	-0,007	0,311
CHR3	4538735	CHR3:4538735	SSF x LoA	-9,86479374	0,160	0,295
CHR3	4538761	CHR3:4538761	SSF x LoA	-10,3151849	-0,026	0,320
CHR3	4563884	CHR3:4563884	SSF x LoA	-8,79470534	0,066	0,302
CHR3	4566100	CHR3:4566100	SSF x LoA	-8,92388566	-0,074	0,296
CHR3	4572123	CHR3:4572123	SSF x LoA	-9,68072963	0,010	0,310
CHR3	4578948	CHR3:4578948	SSF x LoA	-9,89248531	-0,055	0,311
CHR3	4579051	CHR3:4579051	SSF x LoA	-9,06571862	0,051	0,293
CHR3	4579061	CHR3:4579061	SSF x LoA	-11,513978	0,020	0,298
CHR3	4579149	CHR3:4579149	SSF x LoA	-11,1063125	-0,019	0,309
CHR3	4579670	CHR3:4579670	SSF x LoA	-9,75552446	-0,069	0,306
CHR3	4590515	CHR3:4590515	SSF x LoA	-8,62893874	-0,050	0,304
CHR3	4590551	CHR3:4590551	SSF x LoA	-8,43863837	0,046	0,313
CHR3	4596419	CHR3:4596419	SSF x LoA	-11,9992369	0,069	0,305
CHR3	4596544	CHR3:4596544	SSF x LoA	-10,201865	0,061	0,320
CHR3	4596638	CHR3:4596638	SSF x LoA	-9,67981532	0,131	0,305
CHR3	4602577	CHR3:4602577	SSF x LoA	-0,88049134	-0,076	0,298
CHR3	4602632	CHR3:4602632	SSF x LoA	-6,86246863	-0,095	0,296
CHR3	4602682	CHR3:4602682	SSF x LoA	-8,56946649	0,093	0,307
CHR3	4602690	CHR3:4602690	SSF x LoA	-9,14963394	-0,070	0,306
CHR3	4605186	CHR3:4605186	SSF x LoA	-9,24266855	-0,067	0,318
CHR3	4618116	CHR3:4618116	SSF x LoA	-11,9398475	0,051	0,300

CHR3	4625398	CHR3:4625398	SSF x LoA	-9,15643955	0,056	0,299
CHR3	4637639	CHR3:4637639	SSF x LoA	-2,84750934	-0,108	0,304
CHR3	4643205	CHR3:4643205	SSF x LoA	-9,19140204	0,062	0,313
CHR3	466940	CHR3:466940	SSF x LoA	-8,17706967	-0,102	0,320
CHR3	466987	CHR3:466987	SSF x LoA	-10,8737856	0,026	0,308
CHR3	467102	CHR3:467102	SSF x LoA	-8,47742275	-0,071	0,305
CHR3	4671210	CHR3:4671210	SSF x LoA	-8,44227782	-0,069	0,298
CHR3	4671328	CHR3:4671328	SSF x LoA	-8,57495965	-0,034	0,298
CHR3	4680185	CHR3:4680185	SSF x LoA	-9,13846919	0,051	0,303
CHR3	4680301	CHR3:4680301	SSF x LoA	-10,479019	-0,017	0,294
CHR3	4680485	CHR3:4680485	SSF x LoA	-8,07174865	-0,099	0,311
CHR3	4685780	CHR3:4685780	SSF x LoA	-7,19996282	-0,075	0,305
CHR3	469195	CHR3:469195	SSF x LoA	-8,22660673	-0,095	0,286
CHR3	4692354	CHR3:4692354	SSF x LoA	-9,36130422	-0,036	0,320
CHR3	4692440	CHR3:4692440	SSF x LoA	-12,0736033	-0,009	0,299
CHR3	4692453	CHR3:4692453	SSF x LoA	-11,5492108	-0,002	0,311
CHR3	469301	CHR3:469301	SSF x LoA	-8,15290463	0,078	0,303
CHR3	469307	CHR3:469307	SSF x LoA	-9,36189457	0,037	0,294
CHR3	469338	CHR3:469338	SSF x LoA	-10,5779065	0,017	0,311
CHR3	469395	CHR3:469395	SSF x LoA	-11,8332356	0,026	0,299
CHR3	4717334	CHR3:4717334	SSF x LoA	-8,64436361	0,060	0,318
CHR3	4717359	CHR3:4717359	SSF x LoA	-9,48841746	-0,024	0,321
CHR3	4717405	CHR3:4717405	SSF x LoA	-9,63290383	-0,005	0,309
CHR3	4717413	CHR3:4717413	SSF x LoA	-10,9203412	-0,007	0,316
CHR3	471853	CHR3:471853	SSF x LoA	-10,8106417	0,067	0,297
CHR3	471876	CHR3:471876	SSF x LoA	-9,26043631	-0,061	0,304
CHR3	471903	CHR3:471903	SSF x LoA	-7,59221336	0,143	0,285
CHR3	471935	CHR3:471935	SSF x LoA	-5,51271361	-0,152	0,293
CHR3	471941	CHR3:471941	SSF x LoA	-6,35768384	0,223	0,297
CHR3	471959	CHR3:471959	SSF x LoA	1,11622655	0,333	0,270
CHR3	471980	CHR3:471980	SSF x LoA	-3,58428291	-0,160	0,306
CHR3	4729058	CHR3:4729058	SSF x LoA	-8,96418314	0,100	0,306
CHR3	4729119	CHR3:4729119	SSF x LoA	-9,41019613	0,030	0,305
CHR3	4729134	CHR3:4729134	SSF x LoA	-11,0602087	-0,016	0,296
CHR3	4729145	CHR3:4729145	SSF x LoA	-8,16605507	0,052	0,304
CHR3	4748069	CHR3:4748069	SSF x LoA	-8,56814402	0,043	0,304
CHR3	4748137	CHR3:4748137	SSF x LoA	-7,75147702	-0,097	0,297
CHR3	4756245	CHR3:4756245	SSF x LoA	-9,09587733	-0,005	0,302
CHR3	4756256	CHR3:4756256	SSF x LoA	-6,77769408	0,050	0,289
CHR3	4756264	CHR3:4756264	SSF x LoA	-10,9878744	0,003	0,293
CHR3	4756278	CHR3:4756278	SSF x LoA	-8,38312166	0,050	0,298
CHR3	4756319	CHR3:4756319	SSF x LoA	-11,3888594	0,073	0,311
CHR3	4756433	CHR3:4756433	SSF x LoA	-11,2405361	-0,023	0,290
CHR3	4756481	CHR3:4756481	SSF x LoA	-11,8196329	0,022	0,299
CHR3	4757677	CHR3:4757677	SSF x LoA	-10,9420231	0,031	0,308
CHR3	4757765	CHR3:4757765	SSF x LoA	-10,1227912	0,033	0,325
CHR3	4757813	CHR3:4757813	SSF x LoA	-7,7373792	-0,088	0,296
CHR3	478558	CHR3:478558	SSF x LoA	-6,09834834	-0,175	0,289
CHR3	478566	CHR3:478566	SSF x LoA	-7,60051789	-0,164	0,302
CHR3	478580	CHR3:478580	SSF x LoA	-8,43581397	-0,150	0,300
CHR3	478620	CHR3:478620	SSF x LoA	-5,72328321	0,102	0,311
CHR3	478651	CHR3:478651	SSF x LoA	-6,37062082	-0,153	0,304
CHR3	481028	CHR3:481028	SSF x LoA	-10,2449671	-0,031	0,310

CHR3	481084	CHR3:481084	SSF x LoA	-8,53295103	-0,011	0,313
CHR3	481224	CHR3:481224	SSF x LoA	-10,4624874	-0,030	0,310
CHR3	4813979	CHR3:4813979	SSF x LoA	-2,55896789	0,177	0,286
CHR3	4814103	CHR3:4814103	SSF x LoA	-7,09756367	0,021	0,313
CHR3	4815412	CHR3:4815412	SSF x LoA	-11,0731361	0,025	0,306
CHR3	4823824	CHR3:4823824	SSF x LoA	-7,53505722	-0,106	0,304
CHR3	4823982	CHR3:4823982	SSF x LoA	-7,22449867	0,093	0,300
CHR3	4826781	CHR3:4826781	SSF x LoA	-9,08869028	-0,014	0,312
CHR3	4830115	CHR3:4830115	SSF x LoA	-7,10966671	0,104	0,309
CHR3	4830178	CHR3:4830178	SSF x LoA	-9,54283009	0,095	0,313
CHR3	4830214	CHR3:4830214	SSF x LoA	-7,38101105	0,024	0,310
CHR3	4832386	CHR3:4832386	SSF x LoA	-8,06071087	0,066	0,318
CHR3	4832389	CHR3:4832389	SSF x LoA	-8,07776572	0,132	0,297
CHR3	4832531	CHR3:4832531	SSF x LoA	-8,08403062	0,107	0,304
CHR3	4832544	CHR3:4832544	SSF x LoA	-0,74416976	0,181	0,306
CHR3	4832546	CHR3:4832546	SSF x LoA	-8,44400779	-0,069	0,303
CHR3	4832569	CHR3:4832569	SSF x LoA	-5,65605039	0,154	0,300
CHR3	4837632	CHR3:4837632	SSF x LoA	-8,35570231	-0,043	0,302
CHR3	4837642	CHR3:4837642	SSF x LoA	-8,96920511	0,021	0,300
CHR3	4837668	CHR3:4837668	SSF x LoA	-9,74242533	0,047	0,314
CHR3	4837669	CHR3:4837669	SSF x LoA	-8,04293179	0,045	0,313
CHR3	4837670	CHR3:4837670	SSF x LoA	-9,77536373	0,037	0,303
CHR3	4837699	CHR3:4837699	SSF x LoA	-9,11099211	-0,109	0,299
CHR3	4838168	CHR3:4838168	SSF x LoA	-9,66148906	0,029	0,306
CHR3	4843941	CHR3:4843941	SSF x LoA	-11,3544927	0,058	0,296
CHR3	485161	CHR3:485161	SSF x LoA	-6,68897544	0,032	0,312
CHR3	485163	CHR3:485163	SSF x LoA	-7,06084451	-0,029	0,322
CHR3	4859744	CHR3:4859744	SSF x LoA	-2,93439751	-0,151	0,314
CHR3	4859772	CHR3:4859772	SSF x LoA	-5,10417417	-0,035	0,307
CHR3	486377	CHR3:486377	SSF x LoA	-10,6659802	0,089	0,309
CHR3	4864395	CHR3:4864395	SSF x LoA	-10,2756554	-0,053	0,301
CHR3	4864397	CHR3:4864397	SSF x LoA	-10,7670399	-0,020	0,302
CHR3	4864600	CHR3:4864600	SSF x LoA	-9,50968241	-0,037	0,317
CHR3	4864629	CHR3:4864629	SSF x LoA	-6,8638271	0,013	0,309
CHR3	4867502	CHR3:4867502	SSF x LoA	-10,9723733	0,007	0,316
CHR3	4867519	CHR3:4867519	SSF x LoA	-2,39270741	0,107	0,306
CHR3	4867525	CHR3:4867525	SSF x LoA	-11,2510146	0,025	0,319
CHR3	4869922	CHR3:4869922	SSF x LoA	-8,39893753	0,038	0,310
CHR3	4870006	CHR3:4870006	SSF x LoA	-9,6926031	0,028	0,303
CHR3	4874191	CHR3:4874191	SSF x LoA	-7,84342072	-0,126	0,313
CHR3	4877804	CHR3:4877804	SSF x LoA	-9,53935752	0,078	0,298
CHR3	4877820	CHR3:4877820	SSF x LoA	-11,1533318	-0,021	0,312
CHR3	4877922	CHR3:4877922	SSF x LoA	-7,65531729	0,049	0,302
CHR3	4877931	CHR3:4877931	SSF x LoA	-6,37865881	0,006	0,304
CHR3	4878018	CHR3:4878018	SSF x LoA	-10,7130457	-0,019	0,324
CHR3	4880394	CHR3:4880394	SSF x LoA	-11,0736712	0,129	0,302
CHR3	4880442	CHR3:4880442	SSF x LoA	-3,56113363	0,214	0,286
CHR3	4880491	CHR3:4880491	SSF x LoA	-10,027718	-0,049	0,319
CHR3	4880566	CHR3:4880566	SSF x LoA	-10,1536101	-0,018	0,311
CHR3	4882383	CHR3:4882383	SSF x LoA	-9,34150772	0,082	0,299
CHR3	4893549	CHR3:4893549	SSF x LoA	-10,6645971	0,029	0,313
CHR3	4894333	CHR3:4894333	SSF x LoA	-9,98107905	0,074	0,311
CHR3	491792	CHR3:491792	SSF x LoA	-8,84996553	-0,009	0,286

CHR3	491811	CHR3:491811	SSF x LoA	-8,60258433	0,019	0,294
CHR3	4923941	CHR3:4923941	SSF x LoA	-7,80389217	-0,042	0,297
CHR3	4923959	CHR3:4923959	SSF x LoA	-8,9578677	0,044	0,297
CHR3	4923994	CHR3:4923994	SSF x LoA	-5,61729835	-0,037	0,308
CHR3	4930933	CHR3:4930933	SSF x LoA	-8,27880777	0,060	0,317
CHR3	4931058	CHR3:4931058	SSF x LoA	-9,63201388	-0,060	0,314
CHR3	4931113	CHR3:4931113	SSF x LoA	-10,8309904	-0,058	0,303
CHR3	4931123	CHR3:4931123	SSF x LoA	-6,45307095	-0,096	0,307
CHR3	4931168	CHR3:4931168	SSF x LoA	-8,5011995	0,061	0,317
CHR3	493807	CHR3:493807	SSF x LoA	-9,19857801	0,084	0,301
CHR3	493881	CHR3:493881	SSF x LoA	-5,24441677	0,107	0,304
CHR3	4949730	CHR3:4949730	SSF x LoA	-9,47429868	-0,003	0,299
CHR3	4949780	CHR3:4949780	SSF x LoA	-9,31721207	0,045	0,291
CHR3	4949877	CHR3:4949877	SSF x LoA	-8,88744049	0,051	0,285
CHR3	4949917	CHR3:4949917	SSF x LoA	-10,8527255	-0,050	0,311
CHR3	4949925	CHR3:4949925	SSF x LoA	-7,26178536	-0,086	0,304
CHR3	4949962	CHR3:4949962	SSF x LoA	-10,4788873	-0,075	0,310
CHR3	4949999	CHR3:4949999	SSF x LoA	-9,27324104	0,031	0,302
CHR3	4950885	CHR3:4950885	SSF x LoA	-10,0832041	-0,019	0,309
CHR3	4951004	CHR3:4951004	SSF x LoA	-8,60489441	-0,072	0,304
CHR3	4952551	CHR3:4952551	SSF x LoA	-8,8304821	0,102	0,303
CHR3	4952603	CHR3:4952603	SSF x LoA	-11,5903304	-0,045	0,307
CHR3	4952688	CHR3:4952688	SSF x LoA	-9,39084955	-0,094	0,314
CHR3	4952711	CHR3:4952711	SSF x LoA	-9,45674494	-0,062	0,318
CHR3	4960722	CHR3:4960722	SSF x LoA	-7,88008425	0,059	0,313
CHR3	4960782	CHR3:4960782	SSF x LoA	-10,3877105	0,053	0,310
CHR3	4960795	CHR3:4960795	SSF x LoA	-8,96125743	-0,011	0,307
CHR3	4960830	CHR3:4960830	SSF x LoA	-10,9308392	0,108	0,298
CHR3	4964591	CHR3:4964591	SSF x LoA	-11,7565633	-0,064	0,297
CHR3	4964617	CHR3:4964617	SSF x LoA	-12,1503064	-0,057	0,301
CHR3	4979084	CHR3:4979084	SSF x LoA	-10,2917266	0,005	0,302
CHR3	4979085	CHR3:4979085	SSF x LoA	-10,5974001	0,030	0,306
CHR3	4979131	CHR3:4979131	SSF x LoA	-7,96849886	-0,156	0,307
CHR3	4979132	CHR3:4979132	SSF x LoA	-7,97014022	-0,171	0,311
CHR3	4979377	CHR3:4979377	SSF x LoA	-9,73919123	-0,004	0,316
CHR3	4979385	CHR3:4979385	SSF x LoA	-10,4354713	0,022	0,303
CHR3	4983705	CHR3:4983705	SSF x LoA	-11,7188869	-0,040	0,302
CHR3	4983712	CHR3:4983712	SSF x LoA	-7,68824785	0,056	0,311
CHR3	4983719	CHR3:4983719	SSF x LoA	-11,267	-0,064	0,313
CHR3	4984004	CHR3:4984004	SSF x LoA	-9,0211796	-0,015	0,309
CHR3	5005610	CHR3:5005610	SSF x LoA	-9,35875792	-0,055	0,302
CHR3	5005757	CHR3:5005757	SSF x LoA	-8,61158248	-0,138	0,288
CHR3	5005770	CHR3:5005770	SSF x LoA	-7,95099126	0,027	0,318
CHR3	5005771	CHR3:5005771	SSF x LoA	-9,75366219	0,025	0,302
CHR3	5006002	CHR3:5006002	SSF x LoA	-9,86274716	-0,097	0,308
CHR3	5006013	CHR3:5006013	SSF x LoA	-8,44298024	-0,048	0,304
CHR3	5009074	CHR3:5009074	SSF x LoA	-7,05952552	0,018	0,319
CHR3	5009086	CHR3:5009086	SSF x LoA	-8,75726214	0,052	0,304
CHR3	5009163	CHR3:5009163	SSF x LoA	-10,503135	0,043	0,295
CHR3	5009180	CHR3:5009180	SSF x LoA	-11,4873461	-0,062	0,293
CHR3	5011793	CHR3:5011793	SSF x LoA	-10,0077329	0,028	0,315
CHR3	5011814	CHR3:5011814	SSF x LoA	-10,8609615	0,047	0,296
CHR3	5011816	CHR3:5011816	SSF x LoA	-6,44771036	-0,112	0,311

CHR3	5011818	CHR3:5011818	SSF x LoA	-11,9253299	-0,016	0,299
CHR3	5011821	CHR3:5011821	SSF x LoA	-10,3593092	-0,084	0,321
CHR3	5012020	CHR3:5012020	SSF x LoA	-3,09849312	-0,167	0,291
CHR3	5012030	CHR3:5012030	SSF x LoA	-11,6664742	-0,060	0,289
CHR3	50125	CHR3:50125	SSF x LoA	-11,2309145	-0,010	0,301
CHR3	5019274	CHR3:5019274	SSF x LoA	-9,74074144	0,057	0,313
CHR3	5019313	CHR3:5019313	SSF x LoA	-8,7135151	-0,056	0,305
CHR3	5019378	CHR3:5019378	SSF x LoA	-8,75945741	-0,068	0,307
CHR3	5019511	CHR3:5019511	SSF x LoA	-5,14117599	-0,109	0,326
CHR3	5019553	CHR3:5019553	SSF x LoA	-8,07683557	0,025	0,305
CHR3	5019571	CHR3:5019571	SSF x LoA	-9,15992771	-0,004	0,297
CHR3	50246	CHR3:50246	SSF x LoA	-10,3956984	0,055	0,303
CHR3	5066670	CHR3:5066670	SSF x LoA	-6,94340135	-0,093	0,315
CHR3	5066684	CHR3:5066684	SSF x LoA	-10,5755043	-0,121	0,303
CHR3	5066726	CHR3:5066726	SSF x LoA	-5,55184748	0,103	0,293
CHR3	5066729	CHR3:5066729	SSF x LoA	-7,15897748	-0,125	0,294
CHR3	5073526	CHR3:5073526	SSF x LoA	-8,75055553	-0,041	0,315
CHR3	5073624	CHR3:5073624	SSF x LoA	-9,63707179	0,084	0,304
CHR3	5073811	CHR3:5073811	SSF x LoA	-10,4501465	0,073	0,293
CHR3	5088290	CHR3:5088290	SSF x LoA	-8,85465829	0,069	0,306
CHR3	5088294	CHR3:5088294	SSF x LoA	-8,48566567	-0,032	0,311
CHR3	5088337	CHR3:5088337	SSF x LoA	-11,0727093	0,048	0,300
CHR3	5092312	CHR3:5092312	SSF x LoA	-7,46841589	0,114	0,308
CHR3	5096388	CHR3:5096388	SSF x LoA	-9,72088569	-0,047	0,299
CHR3	5097676	CHR3:5097676	SSF x LoA	-11,2075725	-0,053	0,303
CHR3	5097711	CHR3:5097711	SSF x LoA	-10,6153558	-0,015	0,310
CHR3	5097715	CHR3:5097715	SSF x LoA	-8,40047074	-0,071	0,312
CHR3	5097755	CHR3:5097755	SSF x LoA	-7,39236119	-0,224	0,306
CHR3	5097757	CHR3:5097757	SSF x LoA	-8,85927332	0,112	0,297
CHR3	5097764	CHR3:5097764	SSF x LoA	-7,9765422	0,092	0,311
CHR3	5097862	CHR3:5097862	SSF x LoA	-9,46146196	-0,001	0,296
CHR3	5097946	CHR3:5097946	SSF x LoA	-7,48806945	0,025	0,316
CHR3	5103648	CHR3:5103648	SSF x LoA	-10,8265351	0,098	0,291
CHR3	5103652	CHR3:5103652	SSF x LoA	-8,17308659	-0,198	0,295
CHR3	5105449	CHR3:5105449	SSF x LoA	-10,8873914	-0,095	0,316
CHR3	5107446	CHR3:5107446	SSF x LoA	-10,6744324	0,007	0,301
CHR3	5116301	CHR3:5116301	SSF x LoA	-8,2847598	0,050	0,322
CHR3	5116314	CHR3:5116314	SSF x LoA	-9,5694341	-0,050	0,310
CHR3	5116318	CHR3:5116318	SSF x LoA	-9,43442931	0,063	0,308
CHR3	5116328	CHR3:5116328	SSF x LoA	-9,63891343	0,049	0,312
CHR3	5116340	CHR3:5116340	SSF x LoA	-10,6983453	0,044	0,302
CHR3	5121472	CHR3:5121472	SSF x LoA	-9,28532298	-0,058	0,314
CHR3	5127853	CHR3:5127853	SSF x LoA	-5,52659536	0,047	0,308
CHR3	5127903	CHR3:5127903	SSF x LoA	-10,2891712	-0,039	0,296
CHR3	5127962	CHR3:5127962	SSF x LoA	-9,48585833	0,001	0,315
CHR3	5127966	CHR3:5127966	SSF x LoA	-10,257888	-0,075	0,300
CHR3	5128013	CHR3:5128013	SSF x LoA	-9,94570741	0,049	0,316
CHR3	5133197	CHR3:5133197	SSF x LoA	-11,338632	-0,134	0,305
CHR3	5133387	CHR3:5133387	SSF x LoA	-10,1807312	0,091	0,318
CHR3	5134605	CHR3:5134605	SSF x LoA	-8,89104016	0,087	0,305
CHR3	5134650	CHR3:5134650	SSF x LoA	-10,7527399	0,097	0,309
CHR3	5144869	CHR3:5144869	SSF x LoA	-9,47241759	0,009	0,303
CHR3	5145044	CHR3:5145044	SSF x LoA	-8,66495619	0,064	0,307

CHR3	5145073	CHR3:5145073	SSF x LoA	-11,2277001	-0,075	0,301
CHR3	5145075	CHR3:5145075	SSF x LoA	-11,2211367	-0,093	0,290
CHR3	5145168	CHR3:5145168	SSF x LoA	-7,87401041	0,059	0,301
CHR3	5145169	CHR3:5145169	SSF x LoA	-8,20194091	0,080	0,303
CHR3	5145275	CHR3:5145275	SSF x LoA	-9,65851749	0,033	0,316
CHR3	5145284	CHR3:5145284	SSF x LoA	-8,12795723	0,008	0,320
CHR3	5154976	CHR3:5154976	SSF x LoA	-7,31716163	-0,094	0,304
CHR3	5157507	CHR3:5157507	SSF x LoA	-10,9696679	-0,023	0,313
CHR3	5157517	CHR3:5157517	SSF x LoA	-8,87766041	0,006	0,296
CHR3	5157521	CHR3:5157521	SSF x LoA	-9,87246022	-0,027	0,298
CHR3	517651	CHR3:517651	SSF x LoA	-12,5526069	0,081	0,285
CHR3	517672	CHR3:517672	SSF x LoA	-11,1835035	0,103	0,300
CHR3	517693	CHR3:517693	SSF x LoA	-6,47300156	0,165	0,315
CHR3	517754	CHR3:517754	SSF x LoA	-6,75497933	0,149	0,301
CHR3	5178206	CHR3:5178206	SSF x LoA	-7,85188523	0,009	0,311
CHR3	5178315	CHR3:5178315	SSF x LoA	-10,337449	0,027	0,307
CHR3	5178328	CHR3:5178328	SSF x LoA	-10,665031	-0,066	0,313
CHR3	5178463	CHR3:5178463	SSF x LoA	-11,0110502	-0,028	0,301
CHR3	5178491	CHR3:5178491	SSF x LoA	-8,38142299	0,024	0,309
CHR3	517885	CHR3:517885	SSF x LoA	-9,21820489	0,102	0,304
CHR3	5194150	CHR3:5194150	SSF x LoA	-5,83738089	-0,153	0,304
CHR3	5194529	CHR3:5194529	SSF x LoA	-11,0361964	0,080	0,303
CHR3	5194547	CHR3:5194547	SSF x LoA	-5,71317744	-0,191	0,287
CHR3	5194553	CHR3:5194553	SSF x LoA	-7,9759071	0,090	0,312
CHR3	5194601	CHR3:5194601	SSF x LoA	-9,14817408	-0,059	0,306
CHR3	5194637	CHR3:5194637	SSF x LoA	-9,71377979	-0,105	0,311
CHR3	5199030	CHR3:5199030	SSF x LoA	-11,313699	-0,074	0,285
CHR3	5205396	CHR3:5205396	SSF x LoA	-8,05687136	-0,186	0,298
CHR3	5205401	CHR3:5205401	SSF x LoA	-11,7563563	-0,007	0,309
CHR3	5205468	CHR3:5205468	SSF x LoA	-10,7707546	-0,079	0,300
CHR3	5205469	CHR3:5205469	SSF x LoA	-4,84792118	0,115	0,297
CHR3	5205471	CHR3:5205471	SSF x LoA	6,25283402	0,124	0,309
CHR3	5205474	CHR3:5205474	SSF x LoA	-3,63088506	-0,160	0,302
CHR3	5205497	CHR3:5205497	SSF x LoA	-9,05939562	-0,018	0,320
CHR3	5206034	CHR3:5206034	SSF x LoA	-6,91545318	0,129	0,316
CHR3	5206091	CHR3:5206091	SSF x LoA	-4,82832674	0,006	0,312
CHR3	5206096	CHR3:5206096	SSF x LoA	-8,69796752	0,122	0,302
CHR3	5231551	CHR3:5231551	SSF x LoA	-8,92209336	-0,062	0,316
CHR3	5231649	CHR3:5231649	SSF x LoA	-7,67887303	-0,152	0,302
CHR3	5231653	CHR3:5231653	SSF x LoA	-11,5788175	-0,021	0,311
CHR3	5231734	CHR3:5231734	SSF x LoA	-9,54239743	0,099	0,304
CHR3	5231806	CHR3:5231806	SSF x LoA	-9,89499503	0,012	0,305
CHR3	5231834	CHR3:5231834	SSF x LoA	-10,7766848	-0,073	0,297
CHR3	5231889	CHR3:5231889	SSF x LoA	-8,38700519	-0,055	0,287
CHR3	5235005	CHR3:5235005	SSF x LoA	-8,76687023	0,099	0,303
CHR3	5235143	CHR3:5235143	SSF x LoA	-11,8269301	-0,072	0,291
CHR3	5235249	CHR3:5235249	SSF x LoA	-8,67302362	0,051	0,311
CHR3	5235380	CHR3:5235380	SSF x LoA	-10,8242525	0,012	0,306
CHR3	5242390	CHR3:5242390	SSF x LoA	-8,72219494	-0,175	0,301
CHR3	5242445	CHR3:5242445	SSF x LoA	-8,87605298	0,056	0,304
CHR3	5242461	CHR3:5242461	SSF x LoA	-8,6202029	0,017	0,312
CHR3	5242476	CHR3:5242476	SSF x LoA	-7,73472307	-0,049	0,302
CHR3	5242534	CHR3:5242534	SSF x LoA	-5,20334347	0,156	0,302

CHR3	5242569	CHR3:5242569	SSF x LoA	-9,19258098	0,003	0,314
CHR3	5242628	CHR3:5242628	SSF x LoA	-8,61906476	-0,080	0,303
CHR3	5242663	CHR3:5242663	SSF x LoA	-8,38813513	0,063	0,312
CHR3	5246511	CHR3:5246511	SSF x LoA	-10,4299147	-0,031	0,299
CHR3	5246512	CHR3:5246512	SSF x LoA	-8,8792279	0,078	0,313
CHR3	5246706	CHR3:5246706	SSF x LoA	-10,6600116	-0,079	0,310
CHR3	5254455	CHR3:5254455	SSF x LoA	-8,91848089	-0,016	0,311
CHR3	5264497	CHR3:5264497	SSF x LoA	-9,31528343	-0,030	0,309
CHR3	5264710	CHR3:5264710	SSF x LoA	-8,96901692	0,067	0,290
CHR3	5264849	CHR3:5264849	SSF x LoA	-8,15587304	-0,119	0,312
CHR3	5267928	CHR3:5267928	SSF x LoA	-8,02140019	-0,089	0,302
CHR3	5268034	CHR3:5268034	SSF x LoA	-8,52547975	-0,039	0,312
CHR3	5268038	CHR3:5268038	SSF x LoA	-8,50723511	-0,059	0,318
CHR3	5279462	CHR3:5279462	SSF x LoA	-11,2566397	-0,045	0,314
CHR3	5282301	CHR3:5282301	SSF x LoA	-8,97753837	0,077	0,324
CHR3	5282325	CHR3:5282325	SSF x LoA	-9,08947325	-0,158	0,314
CHR3	5282329	CHR3:5282329	SSF x LoA	-8,48353569	-0,061	0,317
CHR3	5284324	CHR3:5284324	SSF x LoA	-3,68593996	-0,044	0,311
CHR3	5295822	CHR3:5295822	SSF x LoA	-10,251334	0,001	0,300
CHR3	5295864	CHR3:5295864	SSF x LoA	-10,7117137	0,025	0,302
CHR3	531303	CHR3:531303	SSF x LoA	-3,86385918	-0,219	0,303
CHR3	531433	CHR3:531433	SSF x LoA	-7,76946655	0,098	0,312
CHR3	531443	CHR3:531443	SSF x LoA	-7,56346768	-0,157	0,304
CHR3	531473	CHR3:531473	SSF x LoA	-7,85732294	-0,113	0,313
CHR3	5327292	CHR3:5327292	SSF x LoA	-8,14938071	0,054	0,317
CHR3	5327294	CHR3:5327294	SSF x LoA	-10,7091438	0,123	0,293
CHR3	5327295	CHR3:5327295	SSF x LoA	-6,50842857	-0,057	0,313
CHR3	5327369	CHR3:5327369	SSF x LoA	-8,451801	0,025	0,319
CHR3	5327374	CHR3:5327374	SSF x LoA	-11,4184309	0,017	0,296
CHR3	5327432	CHR3:5327432	SSF x LoA	-10,2646873	0,049	0,311
CHR3	5339093	CHR3:5339093	SSF x LoA	-11,5567262	-0,105	0,295
CHR3	5339152	CHR3:5339152	SSF x LoA	-8,13599964	0,188	0,291
CHR3	5339171	CHR3:5339171	SSF x LoA	-11,5131662	-0,055	0,290
CHR3	5341487	CHR3:5341487	SSF x LoA	-10,3011564	-0,057	0,304
CHR3	5341553	CHR3:5341553	SSF x LoA	-8,35042763	-0,062	0,297
CHR3	5341561	CHR3:5341561	SSF x LoA	-8,52241834	0,064	0,312
CHR3	5341566	CHR3:5341566	SSF x LoA	-7,09061413	0,137	0,308
CHR3	5341577	CHR3:5341577	SSF x LoA	-8,6322464	-0,035	0,309
CHR3	5341604	CHR3:5341604	SSF x LoA	-10,1007544	-0,059	0,309
CHR3	5341629	CHR3:5341629	SSF x LoA	-9,09725212	-0,036	0,305
CHR3	5341770	CHR3:5341770	SSF x LoA	-10,827541	-0,083	0,309
CHR3	5351224	CHR3:5351224	SSF x LoA	-8,53521139	0,012	0,293
CHR3	5351354	CHR3:5351354	SSF x LoA	-9,53230293	-0,087	0,313
CHR3	5356193	CHR3:5356193	SSF x LoA	-12,0043185	-0,038	0,303
CHR3	5356323	CHR3:5356323	SSF x LoA	-10,8608776	-0,050	0,305
CHR3	5356386	CHR3:5356386	SSF x LoA	-7,09832671	-0,134	0,313
CHR3	536131	CHR3:536131	SSF x LoA	-11,4536792	0,070	0,298
CHR3	5364025	CHR3:5364025	SSF x LoA	-7,87656955	0,105	0,299
CHR3	5411003	CHR3:5411003	SSF x LoA	-11,7681443	0,006	0,311
CHR3	5411044	CHR3:5411044	SSF x LoA	-7,82200634	0,166	0,292
CHR3	545400	CHR3:545400	SSF x LoA	-10,3806421	-0,069	0,304
CHR3	5461502	CHR3:5461502	SSF x LoA	-9,8130613	0,030	0,308
CHR3	5461544	CHR3:5461544	SSF x LoA	-10,8657494	-0,012	0,306

CHR3	5461567	CHR3:5461567	SSF x LoA	-9,9637919	0,126	0,300
CHR3	5461614	CHR3:5461614	SSF x LoA	-8,33652053	-0,087	0,295
CHR3	5461615	CHR3:5461615	SSF x LoA	-5,1288517	-0,176	0,305
CHR3	5470994	CHR3:5470994	SSF x LoA	-10,5180109	-0,043	0,307
CHR3	5471014	CHR3:5471014	SSF x LoA	-8,01970393	-0,036	0,307
CHR3	5471019	CHR3:5471019	SSF x LoA	-9,82428546	0,026	0,317
CHR3	5471057	CHR3:5471057	SSF x LoA	-10,8667027	0,024	0,298
CHR3	5471067	CHR3:5471067	SSF x LoA	-8,87477018	-0,016	0,311
CHR3	5471074	CHR3:5471074	SSF x LoA	-9,90120323	-0,035	0,293
CHR3	5471079	CHR3:5471079	SSF x LoA	-8,823302	0,070	0,300
CHR3	5471139	CHR3:5471139	SSF x LoA	-8,53301134	-0,013	0,309
CHR3	5478594	CHR3:5478594	SSF x LoA	-8,00906513	0,047	0,307
CHR3	5493596	CHR3:5493596	SSF x LoA	-8,41521469	-0,059	0,317
CHR3	5493650	CHR3:5493650	SSF x LoA	-11,243607	0,062	0,300
CHR3	5496390	CHR3:5496390	SSF x LoA	-11,7393398	0,042	0,308
CHR3	5496419	CHR3:5496419	SSF x LoA	-10,1910097	0,007	0,297
CHR3	5496440	CHR3:5496440	SSF x LoA	-8,17823233	0,101	0,300
CHR3	5496502	CHR3:5496502	SSF x LoA	-10,125215	-0,014	0,289
CHR3	5496505	CHR3:5496505	SSF x LoA	-11,2956031	0,014	0,315
CHR3	5496600	CHR3:5496600	SSF x LoA	-10,0412979	0,019	0,310
CHR3	5500050	CHR3:5500050	SSF x LoA	-9,20640678	0,049	0,311
CHR3	5500056	CHR3:5500056	SSF x LoA	-8,12606017	-0,035	0,310
CHR3	5500114	CHR3:5500114	SSF x LoA	-7,23838205	0,100	0,300
CHR3	5501640	CHR3:5501640	SSF x LoA	-9,57192509	-0,017	0,311
CHR3	5509840	CHR3:5509840	SSF x LoA	-1,27779276	-0,071	0,306
CHR3	5509871	CHR3:5509871	SSF x LoA	-8,92294272	0,041	0,328
CHR3	5509892	CHR3:5509892	SSF x LoA	-7,86992755	0,069	0,317
CHR3	5509948	CHR3:5509948	SSF x LoA	-8,2859288	-0,135	0,304
CHR3	5509950	CHR3:5509950	SSF x LoA	-10,3888941	0,037	0,306
CHR3	5509996	CHR3:5509996	SSF x LoA	-6,53462461	0,055	0,331
CHR3	5510019	CHR3:5510019	SSF x LoA	-9,16013976	-0,029	0,323
CHR3	5510020	CHR3:5510020	SSF x LoA	-9,09307677	-0,025	0,303
CHR3	5510074	CHR3:5510074	SSF x LoA	-7,60858157	0,073	0,306
CHR3	5517668	CHR3:5517668	SSF x LoA	-11,1515164	-0,061	0,314
CHR3	5517738	CHR3:5517738	SSF x LoA	-10,6098027	-0,017	0,310
CHR3	5526258	CHR3:5526258	SSF x LoA	-9,58591706	0,007	0,314
CHR3	5526350	CHR3:5526350	SSF x LoA	-8,12670038	0,097	0,318
CHR3	5526403	CHR3:5526403	SSF x LoA	-8,70703727	0,145	0,290
CHR3	5528473	CHR3:5528473	SSF x LoA	-11,3727799	-0,053	0,305
CHR3	5528773	CHR3:5528773	SSF x LoA	-10,9073649	0,053	0,322
CHR3	5528784	CHR3:5528784	SSF x LoA	-9,10857492	-0,074	0,307
CHR3	5533754	CHR3:5533754	SSF x LoA	-7,62945229	-0,056	0,305
CHR3	5538562	CHR3:5538562	SSF x LoA	-8,45731066	0,037	0,303
CHR3	5538593	CHR3:5538593	SSF x LoA	-10,2085992	0,028	0,311
CHR3	5538642	CHR3:5538642	SSF x LoA	-10,9839568	-0,007	0,316
CHR3	5538784	CHR3:5538784	SSF x LoA	-7,90240697	-0,063	0,299
CHR3	555136	CHR3:555136	SSF x LoA	-10,5223774	-0,092	0,295
CHR3	555194	CHR3:555194	SSF x LoA	-10,3264192	-0,086	0,313
CHR3	5556206	CHR3:5556206	SSF x LoA	-9,71943553	0,020	0,314
CHR3	5556220	CHR3:5556220	SSF x LoA	-10,0858095	-0,058	0,300
CHR3	5556224	CHR3:5556224	SSF x LoA	-11,4257668	-0,015	0,304
CHR3	5556295	CHR3:5556295	SSF x LoA	-9,57093241	0,010	0,321
CHR3	5556351	CHR3:5556351	SSF x LoA	-8,76695753	-0,055	0,313

CHR3	5556366	CHR3:5556366	SSF x LoA	-7,39181468	0,011	0,323
CHR3	5556383	CHR3:5556383	SSF x LoA	-11,2221231	-0,071	0,314
CHR3	5556405	CHR3:5556405	SSF x LoA	-8,31069803	-0,157	0,293
CHR3	5556410	CHR3:5556410	SSF x LoA	-9,41907862	0,025	0,305
CHR3	556621	CHR3:556621	SSF x LoA	-10,4535911	-0,078	0,297
CHR3	556724	CHR3:556724	SSF x LoA	-9,92787229	-0,009	0,293
CHR3	5567907	CHR3:5567907	SSF x LoA	-11,3583416	-0,041	0,292
CHR3	5567959	CHR3:5567959	SSF x LoA	-9,25924847	0,000	0,311
CHR3	5568026	CHR3:5568026	SSF x LoA	-5,84880326	0,012	0,321
CHR3	556805	CHR3:556805	SSF x LoA	-7,61901645	0,006	0,314
CHR3	5568056	CHR3:5568056	SSF x LoA	-8,76959718	0,100	0,309
CHR3	556842	CHR3:556842	SSF x LoA	-10,7713912	-0,076	0,294
CHR3	5571542	CHR3:5571542	SSF x LoA	7,53928264	-0,034	0,313
CHR3	5571576	CHR3:5571576	SSF x LoA	-10,6735094	0,024	0,310
CHR3	5571577	CHR3:5571577	SSF x LoA	-8,84630297	0,059	0,320
CHR3	5571648	CHR3:5571648	SSF x LoA	-7,46436028	-0,185	0,305
CHR3	5571672	CHR3:5571672	SSF x LoA	-9,66416602	0,050	0,291
CHR3	5571683	CHR3:5571683	SSF x LoA	-10,3608739	-0,137	0,313
CHR3	5571700	CHR3:5571700	SSF x LoA	-8,81247103	-0,076	0,297
CHR3	5571755	CHR3:5571755	SSF x LoA	-9,12985004	0,161	0,308
CHR3	5576577	CHR3:5576577	SSF x LoA	-9,09714979	0,047	0,313
CHR3	5576615	CHR3:5576615	SSF x LoA	-8,37424441	0,138	0,299
CHR3	5576707	CHR3:5576707	SSF x LoA	-10,0286759	-0,107	0,300
CHR3	5578092	CHR3:5578092	SSF x LoA	-4,45421904	-0,104	0,307
CHR3	5578186	CHR3:5578186	SSF x LoA	-8,69732444	-0,057	0,306
CHR3	5578197	CHR3:5578197	SSF x LoA	-9,66435092	-0,035	0,322
CHR3	5578248	CHR3:5578248	SSF x LoA	-2,74602778	-0,026	0,308
CHR3	5578282	CHR3:5578282	SSF x LoA	-8,33978016	0,080	0,303
CHR3	5578304	CHR3:5578304	SSF x LoA	-10,9147079	0,011	0,303
CHR3	5598270	CHR3:5598270	SSF x LoA	-9,5058012	-0,148	0,298
CHR3	5598325	CHR3:5598325	SSF x LoA	-7,63266212	-0,139	0,297
CHR3	5601990	CHR3:5601990	SSF x LoA	-7,68152032	-0,127	0,301
CHR3	5606944	CHR3:5606944	SSF x LoA	-11,4001894	-0,070	0,314
CHR3	5606972	CHR3:5606972	SSF x LoA	-8,48254253	0,149	0,295
CHR3	5606974	CHR3:5606974	SSF x LoA	-10,7887759	0,078	0,296
CHR3	5606984	CHR3:5606984	SSF x LoA	-6,88358236	0,058	0,311
CHR3	5606997	CHR3:5606997	SSF x LoA	-9,60688824	0,022	0,314
CHR3	5607021	CHR3:5607021	SSF x LoA	-8,47360352	-0,085	0,303
CHR3	5607027	CHR3:5607027	SSF x LoA	-6,10628898	0,045	0,316
CHR3	5607043	CHR3:5607043	SSF x LoA	-7,95799645	0,144	0,294
CHR3	5607073	CHR3:5607073	SSF x LoA	-9,4898085	0,020	0,298
CHR3	5607152	CHR3:5607152	SSF x LoA	-5,36028635	0,089	0,321
CHR3	5607176	CHR3:5607176	SSF x LoA	-10,9490757	-0,068	0,295
CHR3	5607180	CHR3:5607180	SSF x LoA	-8,89117906	-0,025	0,311
CHR3	5614294	CHR3:5614294	SSF x LoA	1,62788644	0,123	0,310
CHR3	5614355	CHR3:5614355	SSF x LoA	-8,56062333	0,093	0,299
CHR3	5619545	CHR3:5619545	SSF x LoA	-10,1623547	0,033	0,311
CHR3	5619624	CHR3:5619624	SSF x LoA	-9,64922548	-0,021	0,303
CHR3	5623065	CHR3:5623065	SSF x LoA	-10,2816645	-0,076	0,290
CHR3	5623094	CHR3:5623094	SSF x LoA	-11,2419136	0,018	0,296
CHR3	5623141	CHR3:5623141	SSF x LoA	-9,45783091	0,012	0,287
CHR3	5638064	CHR3:5638064	SSF x LoA	-10,4640365	-0,087	0,304
CHR3	5638069	CHR3:5638069	SSF x LoA	-10,3871321	-0,115	0,307

CHR3	5638178	CHR3:5638178	SSF x LoA	-10,3377652	0,088	0,311
CHR3	5638244	CHR3:5638244	SSF x LoA	-8,60330221	-0,041	0,303
CHR3	5638251	CHR3:5638251	SSF x LoA	-8,11721273	0,063	0,314
CHR3	5638288	CHR3:5638288	SSF x LoA	-11,1828083	-0,016	0,303
CHR3	5638320	CHR3:5638320	SSF x LoA	-6,44840876	-0,061	0,311
CHR3	564213	CHR3:564213	SSF x LoA	-11,3942489	-0,047	0,303
CHR3	564294	CHR3:564294	SSF x LoA	-9,45840395	-0,019	0,311
CHR3	564315	CHR3:564315	SSF x LoA	-10,0532858	0,008	0,308
CHR3	5645863	CHR3:5645863	SSF x LoA	-9,17951731	0,005	0,306
CHR3	5648091	CHR3:5648091	SSF x LoA	-9,11774515	-0,066	0,311
CHR3	5661179	CHR3:5661179	SSF x LoA	-12,0701883	0,099	0,296
CHR3	5661200	CHR3:5661200	SSF x LoA	-8,67193458	0,037	0,316
CHR3	5661202	CHR3:5661202	SSF x LoA	-8,08134538	0,105	0,293
CHR3	5672039	CHR3:5672039	SSF x LoA	-10,1176938	0,037	0,291
CHR3	5672048	CHR3:5672048	SSF x LoA	-8,01447137	0,010	0,299
CHR3	5672222	CHR3:5672222	SSF x LoA	-6,47337699	-0,036	0,305
CHR3	5688165	CHR3:5688165	SSF x LoA	-10,5142049	-0,018	0,310
CHR3	5688233	CHR3:5688233	SSF x LoA	-10,3051294	-0,005	0,303
CHR3	5688292	CHR3:5688292	SSF x LoA	-7,95499629	-0,140	0,306
CHR3	5689134	CHR3:5689134	SSF x LoA	-8,50581397	-0,065	0,310
CHR3	5689138	CHR3:5689138	SSF x LoA	-9,67731977	-0,045	0,307
CHR3	5692500	CHR3:5692500	SSF x LoA	-11,0492466	0,071	0,285
CHR3	5703565	CHR3:5703565	SSF x LoA	-8,84356813	0,024	0,309
CHR3	5711293	CHR3:5711293	SSF x LoA	-10,101918	0,121	0,287
CHR3	5711786	CHR3:5711786	SSF x LoA	-7,08043168	0,128	0,299
CHR3	5711887	CHR3:5711887	SSF x LoA	-8,57145825	-0,053	0,306
CHR3	571934	CHR3:571934	SSF x LoA	-10,4033774	-0,127	0,318
CHR3	5734198	CHR3:5734198	SSF x LoA	0,11867838	0,093	0,309
CHR3	5737358	CHR3:5737358	SSF x LoA	-10,9706011	-0,037	0,294
CHR3	5740408	CHR3:5740408	SSF x LoA	-2,66906477	-0,125	0,309
CHR3	5740486	CHR3:5740486	SSF x LoA	-7,94305294	0,082	0,306
CHR3	5740496	CHR3:5740496	SSF x LoA	0,15443217	0,092	0,310
CHR3	5740517	CHR3:5740517	SSF x LoA	-9,0547618	0,061	0,311
CHR3	5746460	CHR3:5746460	SSF x LoA	-8,23480502	-0,062	0,308
CHR3	5746617	CHR3:5746617	SSF x LoA	-10,9147021	-0,059	0,308
CHR3	5748897	CHR3:5748897	SSF x LoA	-5,93183805	0,016	0,319
CHR3	5748908	CHR3:5748908	SSF x LoA	-5,21003816	0,043	0,313
CHR3	5749416	CHR3:5749416	SSF x LoA	-6,86681621	0,021	0,302
CHR3	5749417	CHR3:5749417	SSF x LoA	-11,6740977	-0,020	0,295
CHR3	5755175	CHR3:5755175	SSF x LoA	-8,0995013	0,055	0,318
CHR3	5755440	CHR3:5755440	SSF x LoA	-10,1303913	0,027	0,299
CHR3	5764657	CHR3:5764657	SSF x LoA	-9,21642855	-0,070	0,308
CHR3	5764672	CHR3:5764672	SSF x LoA	-10,0339767	-0,091	0,306
CHR3	5764712	CHR3:5764712	SSF x LoA	-9,99560003	-0,020	0,307
CHR3	5764729	CHR3:5764729	SSF x LoA	-11,5280478	0,038	0,304
CHR3	5764736	CHR3:5764736	SSF x LoA	-10,3591416	-0,026	0,320
CHR3	5764921	CHR3:5764921	SSF x LoA	-11,5004917	-0,035	0,311
CHR3	5768900	CHR3:5768900	SSF x LoA	-11,6641605	-0,016	0,305
CHR3	5768987	CHR3:5768987	SSF x LoA	-10,7968296	0,070	0,323
CHR3	5769030	CHR3:5769030	SSF x LoA	-10,0719575	0,001	0,322
CHR3	5769053	CHR3:5769053	SSF x LoA	-3,02872019	0,124	0,303
CHR3	5769065	CHR3:5769065	SSF x LoA	-5,92596348	-0,007	0,320
CHR3	5769103	CHR3:5769103	SSF x LoA	-10,5389119	-0,030	0,310

CHR3	5769109	CHR3:5769109	SSF x LoA	-9,10124903	-0,067	0,321
CHR3	5769118	CHR3:5769118	SSF x LoA	-7,07881371	-0,084	0,302
CHR3	5770989	CHR3:5770989	SSF x LoA	-11,5341338	-0,013	0,297
CHR3	5771025	CHR3:5771025	SSF x LoA	-9,90128338	0,104	0,322
CHR3	5774100	CHR3:5774100	SSF x LoA	-11,1568562	0,042	0,302
CHR3	5774133	CHR3:5774133	SSF x LoA	-7,80507178	-0,030	0,308
CHR3	5774275	CHR3:5774275	SSF x LoA	-11,115139	0,079	0,310
CHR3	5774314	CHR3:5774314	SSF x LoA	-9,23555475	0,062	0,306
CHR3	5774404	CHR3:5774404	SSF x LoA	-9,92883553	0,098	0,308
CHR3	5785692	CHR3:5785692	SSF x LoA	-9,89868732	-0,044	0,314
CHR3	5785738	CHR3:5785738	SSF x LoA	-10,8737719	0,066	0,290
CHR3	5785990	CHR3:5785990	SSF x LoA	-8,48429642	-0,032	0,303
CHR3	5790065	CHR3:5790065	SSF x LoA	-10,4664745	0,139	0,294
CHR3	5790078	CHR3:5790078	SSF x LoA	-8,99259941	-0,030	0,309
CHR3	5790159	CHR3:5790159	SSF x LoA	-10,165229	-0,062	0,300
CHR3	5808250	CHR3:5808250	SSF x LoA	-4,11257357	0,057	0,318
CHR3	5808397	CHR3:5808397	SSF x LoA	-8,47277867	0,160	0,296
CHR3	5816527	CHR3:5816527	SSF x LoA	-9,19723179	0,010	0,302
CHR3	5817414	CHR3:5817414	SSF x LoA	-5,2466211	0,034	0,311
CHR3	5817418	CHR3:5817418	SSF x LoA	-8,32548902	0,030	0,311
CHR3	5817463	CHR3:5817463	SSF x LoA	-7,46183403	0,080	0,294
CHR3	5817509	CHR3:5817509	SSF x LoA	-9,27846487	-0,001	0,302
CHR3	5817567	CHR3:5817567	SSF x LoA	-8,37233344	-0,127	0,304
CHR3	5817569	CHR3:5817569	SSF x LoA	-6,56478601	0,113	0,302
CHR3	5828291	CHR3:5828291	SSF x LoA	-9,54979488	0,034	0,324
CHR3	5837111	CHR3:5837111	SSF x LoA	-7,88365728	-0,109	0,309
CHR3	5837126	CHR3:5837126	SSF x LoA	-9,7432517	-0,128	0,285
CHR3	5837131	CHR3:5837131	SSF x LoA	-9,73774112	-0,067	0,290
CHR3	5837173	CHR3:5837173	SSF x LoA	-8,38961219	-0,052	0,309
CHR3	5837232	CHR3:5837232	SSF x LoA	-7,40256861	-0,110	0,310
CHR3	5840361	CHR3:5840361	SSF x LoA	-10,1884392	0,003	0,301
CHR3	5840577	CHR3:5840577	SSF x LoA	-9,41576037	0,061	0,308
CHR3	5844137	CHR3:5844137	SSF x LoA	-9,89179679	-0,009	0,300
CHR3	5844161	CHR3:5844161	SSF x LoA	-8,86230971	-0,034	0,279
CHR3	5844197	CHR3:5844197	SSF x LoA	-7,80483291	-0,136	0,287
CHR3	5844199	CHR3:5844199	SSF x LoA	-9,61654959	0,025	0,276
CHR3	5844219	CHR3:5844219	SSF x LoA	-3,94225546	0,129	0,303
CHR3	5844264	CHR3:5844264	SSF x LoA	-8,71319645	0,093	0,300
CHR3	5851146	CHR3:5851146	SSF x LoA	-9,75708306	-0,041	0,311
CHR3	5851226	CHR3:5851226	SSF x LoA	-11,7682296	-0,031	0,306
CHR3	5853685	CHR3:5853685	SSF x LoA	-7,94554101	0,109	0,302
CHR3	5853743	CHR3:5853743	SSF x LoA	-10,6159647	-0,018	0,302
CHR3	5857529	CHR3:5857529	SSF x LoA	-8,78211637	-0,069	0,310
CHR3	5878893	CHR3:5878893	SSF x LoA	-9,43537005	-0,048	0,307
CHR3	5878911	CHR3:5878911	SSF x LoA	-10,2178423	-0,078	0,294
CHR3	5880046	CHR3:5880046	SSF x LoA	-9,99533537	0,020	0,317
CHR3	588372	CHR3:588372	SSF x LoA	-10,0454859	0,031	0,315
CHR3	588401	CHR3:588401	SSF x LoA	-7,15860957	-0,010	0,304
CHR3	5900201	CHR3:5900201	SSF x LoA	-7,68519692	-0,125	0,298
CHR3	5908986	CHR3:5908986	SSF x LoA	-8,20545467	-0,106	0,300
CHR3	5912450	CHR3:5912450	SSF x LoA	-9,45665928	-0,091	0,315
CHR3	5912564	CHR3:5912564	SSF x LoA	-9,99495045	0,014	0,322
CHR3	5912630	CHR3:5912630	SSF x LoA	-8,08612494	0,046	0,308

CHR3	5916853	CHR3:5916853	SSF x LoA	-4,9466553	0,130	0,308
CHR3	5916908	CHR3:5916908	SSF x LoA	-10,9973292	-0,037	0,293
CHR3	5924654	CHR3:5924654	SSF x LoA	-10,3834015	-0,011	0,287
CHR3	5924719	CHR3:5924719	SSF x LoA	-0,67624084	-0,092	0,298
CHR3	5924739	CHR3:5924739	SSF x LoA	-8,57252292	-0,039	0,305
CHR3	5931507	CHR3:5931507	SSF x LoA	-9,05012235	-0,159	0,294
CHR3	5931570	CHR3:5931570	SSF x LoA	-8,46561566	0,097	0,314
CHR3	5931755	CHR3:5931755	SSF x LoA	-8,14624704	0,039	0,299
CHR3	5931798	CHR3:5931798	SSF x LoA	-8,35965438	-0,046	0,309
CHR3	5937528	CHR3:5937528	SSF x LoA	-8,2795088	-0,134	0,307
CHR3	5939287	CHR3:5939287	SSF x LoA	-4,35541789	0,095	0,296
CHR3	5942084	CHR3:5942084	SSF x LoA	-4,6359969	0,199	0,274
CHR3	5942091	CHR3:5942091	SSF x LoA	-11,9577594	-0,031	0,299
CHR3	5942137	CHR3:5942137	SSF x LoA	-11,9280754	-0,023	0,295
CHR3	5942198	CHR3:5942198	SSF x LoA	-10,1129201	0,048	0,302
CHR3	5942235	CHR3:5942235	SSF x LoA	-4,92969091	-0,065	0,297
CHR3	5942265	CHR3:5942265	SSF x LoA	-8,53779005	0,075	0,308
CHR3	5954472	CHR3:5954472	SSF x LoA	-10,9555164	0,155	0,296
CHR3	5958735	CHR3:5958735	SSF x LoA	-4,26323339	0,187	0,290
CHR3	5958784	CHR3:5958784	SSF x LoA	-10,768147	-0,123	0,309
CHR3	5958899	CHR3:5958899	SSF x LoA	-11,3199686	0,003	0,312
CHR3	5958933	CHR3:5958933	SSF x LoA	-5,855758	-0,113	0,294
CHR3	5958942	CHR3:5958942	SSF x LoA	-9,58120543	-0,014	0,317
CHR3	5962710	CHR3:5962710	SSF x LoA	-8,89657422	0,011	0,310
CHR3	5962761	CHR3:5962761	SSF x LoA	-10,2643949	0,016	0,302
CHR3	5962792	CHR3:5962792	SSF x LoA	-9,74471956	0,049	0,304
CHR3	5962848	CHR3:5962848	SSF x LoA	-9,08576781	-0,065	0,300
CHR3	5962858	CHR3:5962858	SSF x LoA	-9,26295789	-0,085	0,295
CHR3	596503	CHR3:596503	SSF x LoA	-6,94512569	-0,084	0,314
CHR3	596568	CHR3:596568	SSF x LoA	-8,68796135	0,177	0,314
CHR3	596580	CHR3:596580	SSF x LoA	-7,3864948	0,033	0,308
CHR3	597363	CHR3:597363	SSF x LoA	-9,48053509	-0,009	0,303
CHR3	597370	CHR3:597370	SSF x LoA	-8,52573081	0,040	0,312
CHR3	597381	CHR3:597381	SSF x LoA	-8,59152265	0,027	0,311
CHR3	5978921	CHR3:5978921	SSF x LoA	-9,16919898	-0,064	0,317
CHR3	5983041	CHR3:5983041	SSF x LoA	-11,0148853	-0,108	0,302
CHR3	5983147	CHR3:5983147	SSF x LoA	-6,18736623	0,149	0,297
CHR3	5983196	CHR3:5983196	SSF x LoA	-7,75032252	0,008	0,318
CHR3	5984348	CHR3:5984348	SSF x LoA	-2,24301859	-0,153	0,309
CHR3	5995759	CHR3:5995759	SSF x LoA	-10,2649002	0,081	0,320
CHR3	5995789	CHR3:5995789	SSF x LoA	-9,83013195	0,036	0,311
CHR3	5995909	CHR3:5995909	SSF x LoA	-7,40805928	-0,124	0,303
CHR3	6007500	CHR3:6007500	SSF x LoA	-9,04327849	-0,065	0,313
CHR3	6007596	CHR3:6007596	SSF x LoA	-8,50572146	-0,077	0,319
CHR3	6009501	CHR3:6009501	SSF x LoA	-10,4803438	-0,067	0,298
CHR3	6012204	CHR3:6012204	SSF x LoA	-8,88340492	-0,109	0,304
CHR3	6012279	CHR3:6012279	SSF x LoA	-10,0861765	-0,072	0,314
CHR3	6012297	CHR3:6012297	SSF x LoA	-7,47253198	-0,087	0,297
CHR3	6012336	CHR3:6012336	SSF x LoA	-8,98650487	-0,046	0,312
CHR3	6013313	CHR3:6013313	SSF x LoA	-10,2905734	-0,035	0,304
CHR3	6013325	CHR3:6013325	SSF x LoA	-10,0388908	0,059	0,304
CHR3	6013355	CHR3:6013355	SSF x LoA	-8,9203455	-0,098	0,298
CHR3	606650	CHR3:606650	SSF x LoA	-9,93415891	-0,142	0,287

CHR3	6066703	CHR3:6066703	SSF x LoA	-8,89057348	0,032	0,317
CHR3	6066711	CHR3:6066711	SSF x LoA	-8,65746813	0,014	0,321
CHR3	6066805	CHR3:6066805	SSF x LoA	-8,28648897	0,032	0,302
CHR3	6066817	CHR3:6066817	SSF x LoA	-10,2454865	0,120	0,300
CHR3	6066879	CHR3:6066879	SSF x LoA	-9,00441745	0,119	0,296
CHR3	6066962	CHR3:6066962	SSF x LoA	-8,78714358	-0,068	0,285
CHR3	6067002	CHR3:6067002	SSF x LoA	-7,88579876	-0,014	0,310
CHR3	6091820	CHR3:6091820	SSF x LoA	-8,50980313	-0,032	0,307
CHR3	6099148	CHR3:6099148	SSF x LoA	0,24693907	-0,141	0,305
CHR3	6099205	CHR3:6099205	SSF x LoA	-6,77890825	-0,165	0,304
CHR3	6099231	CHR3:6099231	SSF x LoA	-8,77595487	0,067	0,312
CHR3	6099237	CHR3:6099237	SSF x LoA	-5,41048944	0,035	0,300
CHR3	6100974	CHR3:6100974	SSF x LoA	-11,1797399	0,058	0,294
CHR3	6101014	CHR3:6101014	SSF x LoA	-8,09699305	0,088	0,305
CHR3	6120960	CHR3:6120960	SSF x LoA	-3,28592563	0,151	0,303
CHR3	614333	CHR3:614333	SSF x LoA	-9,59822036	0,124	0,310
CHR3	614349	CHR3:614349	SSF x LoA	-7,8753105	-0,078	0,298
CHR3	615513	CHR3:615513	SSF x LoA	-10,8191106	-0,046	0,293
CHR3	6201010	CHR3:6201010	SSF x LoA	-11,8463082	-0,062	0,311
CHR3	6205580	CHR3:6205580	SSF x LoA	-10,2893071	0,146	0,300
CHR3	6209332	CHR3:6209332	SSF x LoA	-8,16656994	-0,083	0,311
CHR3	6209413	CHR3:6209413	SSF x LoA	-7,87609624	0,012	0,289
CHR3	6213195	CHR3:6213195	SSF x LoA	-9,8713268	-0,142	0,307
CHR3	6213238	CHR3:6213238	SSF x LoA	-11,1469697	-0,023	0,312
CHR3	6213273	CHR3:6213273	SSF x LoA	-5,30070896	0,113	0,306
CHR3	6213295	CHR3:6213295	SSF x LoA	-8,65117645	-0,096	0,310
CHR3	6223113	CHR3:6223113	SSF x LoA	-9,80668602	0,092	0,303
CHR3	6225866	CHR3:6225866	SSF x LoA	-10,5157453	0,095	0,299
CHR3	6225987	CHR3:6225987	SSF x LoA	-10,0520408	-0,128	0,296
CHR3	6231997	CHR3:6231997	SSF x LoA	-10,2775072	-0,081	0,302
CHR3	6232023	CHR3:6232023	SSF x LoA	-9,42332463	0,101	0,295
CHR3	6246224	CHR3:6246224	SSF x LoA	-11,7627456	-0,020	0,306
CHR3	6246481	CHR3:6246481	SSF x LoA	-9,3030423	0,034	0,317
CHR3	6247446	CHR3:6247446	SSF x LoA	-8,15905175	0,021	0,307
CHR3	6254007	CHR3:6254007	SSF x LoA	-8,16688136	0,025	0,293
CHR3	6254017	CHR3:6254017	SSF x LoA	-11,9196297	0,032	0,301
CHR3	6254022	CHR3:6254022	SSF x LoA	-11,5701622	0,011	0,303
CHR3	6254113	CHR3:6254113	SSF x LoA	-7,35115001	0,080	0,305
CHR3	6261807	CHR3:6261807	SSF x LoA	-9,86477407	0,072	0,293
CHR3	626456	CHR3:626456	SSF x LoA	1,8779841	0,109	0,307
CHR3	626473	CHR3:626473	SSF x LoA	-11,9437923	-0,001	0,307
CHR3	626534	CHR3:626534	SSF x LoA	-9,15149604	0,012	0,307
CHR3	626562	CHR3:626562	SSF x LoA	-10,1928754	-0,003	0,298
CHR3	626579	CHR3:626579	SSF x LoA	-9,97237739	0,058	0,301
CHR3	6277792	CHR3:6277792	SSF x LoA	-8,64868412	-0,050	0,315
CHR3	6278213	CHR3:6278213	SSF x LoA	-9,98540673	-0,063	0,310
CHR3	6280778	CHR3:6280778	SSF x LoA	-7,58110214	-0,067	0,302
CHR3	6280802	CHR3:6280802	SSF x LoA	-10,48843	0,058	0,312
CHR3	6281354	CHR3:6281354	SSF x LoA	-11,489039	-0,030	0,310
CHR3	6281356	CHR3:6281356	SSF x LoA	-8,08338001	0,093	0,295
CHR3	6281358	CHR3:6281358	SSF x LoA	-11,6468526	-0,042	0,309
CHR3	6288199	CHR3:6288199	SSF x LoA	-11,2616205	-0,063	0,300
CHR3	6288222	CHR3:6288222	SSF x LoA	-10,2246783	-0,053	0,311

CHR3	6288258	CHR3:6288258	SSF x LoA	-11,4223765	0,018	0,308
CHR3	6301083	CHR3:6301083	SSF x LoA	-7,29997002	-0,008	0,313
CHR3	6301088	CHR3:6301088	SSF x LoA	-9,27042574	0,008	0,290
CHR3	6301091	CHR3:6301091	SSF x LoA	-8,49425118	0,058	0,311
CHR3	6301098	CHR3:6301098	SSF x LoA	-10,2321578	-0,069	0,296
CHR3	6302357	CHR3:6302357	SSF x LoA	-9,95459148	-0,067	0,302
CHR3	6302382	CHR3:6302382	SSF x LoA	-10,0073532	-0,103	0,313
CHR3	6302421	CHR3:6302421	SSF x LoA	-8,93568619	0,084	0,299
CHR3	6302542	CHR3:6302542	SSF x LoA	-10,8707232	-0,033	0,314
CHR3	6308027	CHR3:6308027	SSF x LoA	-10,0383566	0,153	0,306
CHR3	630920	CHR3:630920	SSF x LoA	-8,41427398	-0,024	0,311
CHR3	630963	CHR3:630963	SSF x LoA	-8,80053486	-0,016	0,313
CHR3	630998	CHR3:630998	SSF x LoA	-10,5746408	0,002	0,311
CHR3	631037	CHR3:631037	SSF x LoA	-8,86020865	0,074	0,308
CHR3	631123	CHR3:631123	SSF x LoA	-8,95425803	0,022	0,299
CHR3	6311912	CHR3:6311912	SSF x LoA	-7,22717086	0,075	0,300
CHR3	6311913	CHR3:6311913	SSF x LoA	-7,88604549	0,082	0,321
CHR3	6311999	CHR3:6311999	SSF x LoA	-8,05146288	0,017	0,299
CHR3	6315870	CHR3:6315870	SSF x LoA	-8,9008405	0,116	0,314
CHR3	6315994	CHR3:6315994	SSF x LoA	-8,7362959	0,084	0,310
CHR3	6331050	CHR3:6331050	SSF x LoA	-8,44998163	0,039	0,297
CHR3	6331078	CHR3:6331078	SSF x LoA	-10,4637869	-0,071	0,309
CHR3	6336990	CHR3:6336990	SSF x LoA	-11,4165635	0,060	0,300
CHR3	6337001	CHR3:6337001	SSF x LoA	-9,9849915	-0,004	0,300
CHR3	6337002	CHR3:6337002	SSF x LoA	-9,7185524	0,063	0,312
CHR3	6342704	CHR3:6342704	SSF x LoA	-7,96451504	0,046	0,318
CHR3	6342713	CHR3:6342713	SSF x LoA	-12,2055005	-0,072	0,298
CHR3	6342831	CHR3:6342831	SSF x LoA	-11,3437725	-0,081	0,310
CHR3	6343677	CHR3:6343677	SSF x LoA	-9,60133202	-0,045	0,290
CHR3	6343763	CHR3:6343763	SSF x LoA	-8,75322474	0,017	0,289
CHR3	6350691	CHR3:6350691	SSF x LoA	-5,90742695	-0,143	0,294
CHR3	6350731	CHR3:6350731	SSF x LoA	-8,18370815	0,152	0,292
CHR3	6350742	CHR3:6350742	SSF x LoA	-7,83779097	0,100	0,296
CHR3	6350744	CHR3:6350744	SSF x LoA	-10,9879645	0,007	0,300
CHR3	6350762	CHR3:6350762	SSF x LoA	-8,85884078	0,050	0,300
CHR3	6350763	CHR3:6350763	SSF x LoA	-8,434147	-0,162	0,303
CHR3	6353519	CHR3:6353519	SSF x LoA	-11,0646281	-0,080	0,302
CHR3	6365678	CHR3:6365678	SSF x LoA	-10,8095333	0,053	0,303
CHR3	6365735	CHR3:6365735	SSF x LoA	-8,84572985	-0,044	0,311
CHR3	6365752	CHR3:6365752	SSF x LoA	-10,3604344	-0,005	0,295
CHR3	6365771	CHR3:6365771	SSF x LoA	-8,27018193	0,034	0,330
CHR3	6365800	CHR3:6365800	SSF x LoA	-10,7151499	0,042	0,307
CHR3	6365809	CHR3:6365809	SSF x LoA	-9,16285469	0,143	0,310
CHR3	636808	CHR3:636808	SSF x LoA	-9,70858217	-0,061	0,296
CHR3	6368142	CHR3:6368142	SSF x LoA	-10,0398893	0,081	0,311
CHR3	636829	CHR3:636829	SSF x LoA	-10,3299019	0,022	0,299
CHR3	6371001	CHR3:6371001	SSF x LoA	-10,4784477	-0,066	0,300
CHR3	6371052	CHR3:6371052	SSF x LoA	-6,0625839	-0,208	0,304
CHR3	6378374	CHR3:6378374	SSF x LoA	-10,2479668	-0,012	0,310
CHR3	6378446	CHR3:6378446	SSF x LoA	-10,3444161	0,027	0,295
CHR3	6378463	CHR3:6378463	SSF x LoA	-10,2195882	-0,051	0,291
CHR3	6378539	CHR3:6378539	SSF x LoA	-9,93198187	0,066	0,302
CHR3	6378600	CHR3:6378600	SSF x LoA	-8,68557644	0,041	0,319

CHR3	6378638	CHR3:6378638	SSF x LoA	-10,8256136	0,024	0,284
CHR3	6378677	CHR3:6378677	SSF x LoA	-10,7248615	-0,028	0,306
CHR3	6379628	CHR3:6379628	SSF x LoA	-8,04796143	0,086	0,312
CHR3	6382785	CHR3:6382785	SSF x LoA	-9,67706409	-0,081	0,315
CHR3	6382944	CHR3:6382944	SSF x LoA	-7,85224188	-0,115	0,312
CHR3	6383004	CHR3:6383004	SSF x LoA	-10,8191752	0,052	0,296
CHR3	6390995	CHR3:6390995	SSF x LoA	-10,6943272	-0,045	0,306
CHR3	6391010	CHR3:6391010	SSF x LoA	-11,0419157	-0,035	0,306
CHR3	6391069	CHR3:6391069	SSF x LoA	-9,03972188	-0,055	0,296
CHR3	6391101	CHR3:6391101	SSF x LoA	-9,60540269	-0,079	0,281
CHR3	6391138	CHR3:6391138	SSF x LoA	-9,62184541	-0,092	0,307
CHR3	6391317	CHR3:6391317	SSF x LoA	-4,94051949	0,096	0,318
CHR3	6391490	CHR3:6391490	SSF x LoA	-7,08751785	0,131	0,299
CHR3	6392355	CHR3:6392355	SSF x LoA	-9,58197593	0,034	0,313
CHR3	6392356	CHR3:6392356	SSF x LoA	-12,5699338	0,050	0,304
CHR3	6392528	CHR3:6392528	SSF x LoA	-6,71838439	-0,069	0,296
CHR3	6394399	CHR3:6394399	SSF x LoA	-8,65049536	0,004	0,291
CHR3	6394501	CHR3:6394501	SSF x LoA	-8,08675734	-0,130	0,306
CHR3	6395732	CHR3:6395732	SSF x LoA	-8,82269788	-0,061	0,312
CHR3	6395739	CHR3:6395739	SSF x LoA	-9,68861698	0,052	0,301
CHR3	6395744	CHR3:6395744	SSF x LoA	-8,31218159	0,094	0,293
CHR3	6395747	CHR3:6395747	SSF x LoA	-7,77219142	0,089	0,308
CHR3	6404397	CHR3:6404397	SSF x LoA	-10,2676759	-0,111	0,295
CHR3	6404419	CHR3:6404419	SSF x LoA	-7,95233256	-0,062	0,300
CHR3	6406831	CHR3:6406831	SSF x LoA	-3,86180219	0,221	0,302
CHR3	6412767	CHR3:6412767	SSF x LoA	-11,9417609	-0,031	0,302
CHR3	6412799	CHR3:6412799	SSF x LoA	-9,25285619	0,018	0,307
CHR3	6433694	CHR3:6433694	SSF x LoA	-9,10785846	0,102	0,305
CHR3	6441218	CHR3:6441218	SSF x LoA	-10,0880832	-0,110	0,291
CHR3	6441277	CHR3:6441277	SSF x LoA	-8,95041564	0,114	0,298
CHR3	6441407	CHR3:6441407	SSF x LoA	-6,41855748	-0,143	0,301
CHR3	6441414	CHR3:6441414	SSF x LoA	-9,80655144	-0,099	0,276
CHR3	6441445	CHR3:6441445	SSF x LoA	-7,75326353	-0,095	0,295
CHR3	6441459	CHR3:6441459	SSF x LoA	-9,1463401	-0,108	0,306
CHR3	6441461	CHR3:6441461	SSF x LoA	-10,8901521	-0,085	0,295
CHR3	6441468	CHR3:6441468	SSF x LoA	-5,6230991	-0,153	0,317
CHR3	6441486	CHR3:6441486	SSF x LoA	-7,85104038	0,090	0,314
CHR3	6445545	CHR3:6445545	SSF x LoA	-8,96907812	0,019	0,306
CHR3	6445560	CHR3:6445560	SSF x LoA	-7,33839166	-0,143	0,298
CHR3	6449915	CHR3:6449915	SSF x LoA	-8,75644318	0,014	0,303
CHR3	6449917	CHR3:6449917	SSF x LoA	-10,3319686	0,117	0,300
CHR3	6449988	CHR3:6449988	SSF x LoA	-7,98169462	0,070	0,309
CHR3	6449991	CHR3:6449991	SSF x LoA	-8,40112491	0,062	0,297
CHR3	6449992	CHR3:6449992	SSF x LoA	-10,3129698	0,072	0,311
CHR3	6450000	CHR3:6450000	SSF x LoA	-9,50474325	-0,059	0,306
CHR3	6450002	CHR3:6450002	SSF x LoA	-9,70470321	-0,064	0,294
CHR3	6450004	CHR3:6450004	SSF x LoA	-8,39179723	-0,046	0,313
CHR3	6457961	CHR3:6457961	SSF x LoA	-7,65407924	0,042	0,313
CHR3	6462511	CHR3:6462511	SSF x LoA	-9,05110534	0,065	0,306
CHR3	6462515	CHR3:6462515	SSF x LoA	-9,33588111	-0,156	0,296
CHR3	6462533	CHR3:6462533	SSF x LoA	-7,37531591	-0,020	0,309
CHR3	6462555	CHR3:6462555	SSF x LoA	-9,26892641	-0,007	0,315
CHR3	6462559	CHR3:6462559	SSF x LoA	-9,41535096	-0,031	0,307

CHR3	6462669	CHR3:6462669	SSF x LoA	-8,98782548	-0,073	0,298
CHR3	646527	CHR3:646527	SSF x LoA	-7,14669928	-0,041	0,304
CHR3	6467589	CHR3:6467589	SSF x LoA	-9,66986136	-0,030	0,299
CHR3	6467673	CHR3:6467673	SSF x LoA	-8,47759891	-0,071	0,291
CHR3	6469182	CHR3:6469182	SSF x LoA	-7,93101794	-0,100	0,311
CHR3	6469250	CHR3:6469250	SSF x LoA	-10,3468386	0,000	0,317
CHR3	6469265	CHR3:6469265	SSF x LoA	-10,2348699	0,016	0,305
CHR3	6469440	CHR3:6469440	SSF x LoA	-9,21265149	0,054	0,308
CHR3	6472415	CHR3:6472415	SSF x LoA	-11,3608361	-0,032	0,305
CHR3	6475562	CHR3:6475562	SSF x LoA	-8,9333094	0,030	0,320
CHR3	6475710	CHR3:6475710	SSF x LoA	-9,33314826	0,056	0,315
CHR3	6480764	CHR3:6480764	SSF x LoA	-10,2866344	-0,015	0,275
CHR3	6480769	CHR3:6480769	SSF x LoA	-6,12556046	0,164	0,298
CHR3	6495403	CHR3:6495403	SSF x LoA	-11,6206513	0,025	0,301
CHR3	6495417	CHR3:6495417	SSF x LoA	-11,5696707	0,014	0,308
CHR3	6495447	CHR3:6495447	SSF x LoA	-11,7919214	0,012	0,303
CHR3	6495483	CHR3:6495483	SSF x LoA	-8,64844043	-0,126	0,293
CHR3	6495486	CHR3:6495486	SSF x LoA	-8,67483232	-0,024	0,304
CHR3	6495532	CHR3:6495532	SSF x LoA	-8,30201181	0,036	0,313
CHR3	6495548	CHR3:6495548	SSF x LoA	-8,62981404	-0,137	0,297
CHR3	6495667	CHR3:6495667	SSF x LoA	-10,466469	0,065	0,297
CHR3	6502652	CHR3:6502652	SSF x LoA	-8,25023324	-0,101	0,306
CHR3	6502836	CHR3:6502836	SSF x LoA	-11,5106491	-0,007	0,301
CHR3	6524602	CHR3:6524602	SSF x LoA	-9,85717472	-0,102	0,312
CHR3	6524656	CHR3:6524656	SSF x LoA	-7,90440203	-0,129	0,305
CHR3	6524683	CHR3:6524683	SSF x LoA	-9,28724953	-0,015	0,305
CHR3	652864	CHR3:652864	SSF x LoA	-7,25556649	-0,085	0,299
CHR3	652873	CHR3:652873	SSF x LoA	-10,1445835	-0,041	0,306
CHR3	6529279	CHR3:6529279	SSF x LoA	-5,01087348	0,152	0,314
CHR3	6529373	CHR3:6529373	SSF x LoA	-9,26207948	-0,073	0,294
CHR3	652956	CHR3:652956	SSF x LoA	-7,17025154	-0,096	0,310
CHR3	653037	CHR3:653037	SSF x LoA	-10,371547	-0,041	0,297
CHR3	6535303	CHR3:6535303	SSF x LoA	-8,91840448	0,030	0,306
CHR3	6535318	CHR3:6535318	SSF x LoA	-7,27792194	0,073	0,303
CHR3	6535432	CHR3:6535432	SSF x LoA	-6,79402636	-0,118	0,300
CHR3	6535598	CHR3:6535598	SSF x LoA	-6,5250607	-0,015	0,318
CHR3	6541922	CHR3:6541922	SSF x LoA	-7,56157716	-0,010	0,310
CHR3	6541959	CHR3:6541959	SSF x LoA	-9,8916417	-0,037	0,310
CHR3	6542081	CHR3:6542081	SSF x LoA	-10,2235572	-0,033	0,304
CHR3	6542090	CHR3:6542090	SSF x LoA	-7,37844504	0,006	0,308
CHR3	6542141	CHR3:6542141	SSF x LoA	-9,01500898	-0,002	0,301
CHR3	6542148	CHR3:6542148	SSF x LoA	-8,8104059	0,103	0,305
CHR3	6542149	CHR3:6542149	SSF x LoA	-10,8011914	0,083	0,313
CHR3	6545255	CHR3:6545255	SSF x LoA	-8,90342417	-0,108	0,309
CHR3	6545258	CHR3:6545258	SSF x LoA	-10,1471473	0,040	0,317
CHR3	6545266	CHR3:6545266	SSF x LoA	-9,78231422	-0,002	0,317
CHR3	6545291	CHR3:6545291	SSF x LoA	-10,5470686	-0,065	0,297
CHR3	6545350	CHR3:6545350	SSF x LoA	-7,00962135	-0,121	0,299
CHR3	6545371	CHR3:6545371	SSF x LoA	-9,11348235	-0,007	0,307
CHR3	6550449	CHR3:6550449	SSF x LoA	-11,2688362	0,039	0,298
CHR3	6550453	CHR3:6550453	SSF x LoA	-6,42213573	-0,119	0,301
CHR3	6550467	CHR3:6550467	SSF x LoA	-9,9455354	-0,091	0,289
CHR3	6550476	CHR3:6550476	SSF x LoA	-8,39387026	-0,032	0,296

CHR3	6550478	CHR3:6550478	SSF x LoA	-6,02040318	0,112	0,305
CHR3	6550507	CHR3:6550507	SSF x LoA	-9,43618682	0,002	0,288
CHR3	6550522	CHR3:6550522	SSF x LoA	-7,15730603	-0,131	0,291
CHR3	6550536	CHR3:6550536	SSF x LoA	-7,47285532	-0,150	0,321
CHR3	6550558	CHR3:6550558	SSF x LoA	-8,91772893	0,137	0,309
CHR3	6550559	CHR3:6550559	SSF x LoA	-9,68261985	0,099	0,311
CHR3	6550569	CHR3:6550569	SSF x LoA	-10,0720996	0,019	0,306
CHR3	6550586	CHR3:6550586	SSF x LoA	-8,7509856	-0,009	0,317
CHR3	6550625	CHR3:6550625	SSF x LoA	-10,7610369	0,061	0,311
CHR3	6552974	CHR3:6552974	SSF x LoA	-8,5131669	-0,038	0,311
CHR3	6553180	CHR3:6553180	SSF x LoA	-10,7923397	-0,120	0,292
CHR3	6553196	CHR3:6553196	SSF x LoA	-7,93883442	0,041	0,309
CHR3	6567495	CHR3:6567495	SSF x LoA	-8,92003851	0,028	0,306
CHR3	6567522	CHR3:6567522	SSF x LoA	-8,07783875	0,005	0,316
CHR3	6567585	CHR3:6567585	SSF x LoA	-8,90052401	-0,032	0,316
CHR3	6567723	CHR3:6567723	SSF x LoA	-6,6666238	-0,062	0,317
CHR3	6570787	CHR3:6570787	SSF x LoA	-7,8858224	-0,085	0,293
CHR3	6570802	CHR3:6570802	SSF x LoA	-6,32919885	-0,116	0,282
CHR3	6570842	CHR3:6570842	SSF x LoA	-9,99884291	0,029	0,303
CHR3	6570859	CHR3:6570859	SSF x LoA	-9,97806151	0,029	0,307
CHR3	6570876	CHR3:6570876	SSF x LoA	-9,36113089	0,042	0,301
CHR3	6570894	CHR3:6570894	SSF x LoA	-10,4168882	-0,067	0,312
CHR3	6570936	CHR3:6570936	SSF x LoA	-9,93075706	0,083	0,304
CHR3	6570938	CHR3:6570938	SSF x LoA	-8,78714136	0,025	0,313
CHR3	6570991	CHR3:6570991	SSF x LoA	-8,13782849	0,042	0,308
CHR3	6571008	CHR3:6571008	SSF x LoA	-9,7309001	-0,126	0,314
CHR3	6571014	CHR3:6571014	SSF x LoA	-9,01064749	0,026	0,314
CHR3	6571016	CHR3:6571016	SSF x LoA	-7,77849629	0,042	0,318
CHR3	6571032	CHR3:6571032	SSF x LoA	-8,52026143	0,051	0,301
CHR3	6584134	CHR3:6584134	SSF x LoA	-5,24091429	-0,231	0,296
CHR3	6595022	CHR3:6595022	SSF x LoA	-9,58573163	0,001	0,312
CHR3	6595031	CHR3:6595031	SSF x LoA	-11,140202	0,091	0,301
CHR3	6595043	CHR3:6595043	SSF x LoA	-10,8774885	0,068	0,299
CHR3	6595064	CHR3:6595064	SSF x LoA	-6,04221095	0,088	0,305
CHR3	6595157	CHR3:6595157	SSF x LoA	-7,19273241	-0,183	0,313
CHR3	6595350	CHR3:6595350	SSF x LoA	-10,4608902	-0,051	0,304
CHR3	6599120	CHR3:6599120	SSF x LoA	-9,01990822	0,101	0,302
CHR3	6599199	CHR3:6599199	SSF x LoA	-9,45569686	0,044	0,284
CHR3	6599210	CHR3:6599210	SSF x LoA	-6,88426924	0,050	0,294
CHR3	6599322	CHR3:6599322	SSF x LoA	-8,1628754	0,006	0,299
CHR3	6599326	CHR3:6599326	SSF x LoA	-9,42641302	0,007	0,294
CHR3	6599331	CHR3:6599331	SSF x LoA	-7,24615047	0,016	0,299
CHR3	6599337	CHR3:6599337	SSF x LoA	-9,97925284	0,074	0,293
CHR3	6599362	CHR3:6599362	SSF x LoA	-6,44714828	0,106	0,301
CHR3	6599383	CHR3:6599383	SSF x LoA	-8,69025617	-0,143	0,305
CHR3	6603632	CHR3:6603632	SSF x LoA	-10,7115619	-0,096	0,290
CHR3	6603695	CHR3:6603695	SSF x LoA	-9,65408053	-0,027	0,316
CHR3	6603752	CHR3:6603752	SSF x LoA	-11,40126	0,015	0,313
CHR3	6603792	CHR3:6603792	SSF x LoA	-9,18625649	-0,005	0,308
CHR3	6603793	CHR3:6603793	SSF x LoA	-10,4186232	0,012	0,310
CHR3	6603802	CHR3:6603802	SSF x LoA	-11,32471	0,016	0,307
CHR3	6603804	CHR3:6603804	SSF x LoA	-11,4929927	-0,013	0,293
CHR3	6603855	CHR3:6603855	SSF x LoA	-8,87363604	-0,025	0,305

CHR3	6603873	CHR3:6603873	SSF x LoA	-6,67126094	-0,147	0,307
CHR3	6613431	CHR3:6613431	SSF x LoA	-9,40450931	-0,006	0,309
CHR3	6613474	CHR3:6613474	SSF x LoA	-8,94480092	0,105	0,307
CHR3	6613475	CHR3:6613475	SSF x LoA	-10,4481818	0,070	0,311
CHR3	6613477	CHR3:6613477	SSF x LoA	-9,06241387	0,078	0,311
CHR3	6613483	CHR3:6613483	SSF x LoA	-8,949462	0,002	0,313
CHR3	6613489	CHR3:6613489	SSF x LoA	-8,15494246	-0,083	0,308
CHR3	6613490	CHR3:6613490	SSF x LoA	-10,7380438	0,086	0,304
CHR3	6613508	CHR3:6613508	SSF x LoA	-8,40513622	0,066	0,324
CHR3	6613559	CHR3:6613559	SSF x LoA	-9,76418673	-0,008	0,322
CHR3	6613628	CHR3:6613628	SSF x LoA	-9,72840454	-0,042	0,317
CHR3	6613654	CHR3:6613654	SSF x LoA	-10,2531721	-0,066	0,292
CHR3	6616297	CHR3:6616297	SSF x LoA	-10,4714317	-0,016	0,313
CHR3	6616332	CHR3:6616332	SSF x LoA	-10,885202	-0,052	0,311
CHR3	6616371	CHR3:6616371	SSF x LoA	-10,7385245	-0,045	0,304
CHR3	6616378	CHR3:6616378	SSF x LoA	-11,5602022	-0,036	0,302
CHR3	6616406	CHR3:6616406	SSF x LoA	-7,81641422	0,073	0,302
CHR3	6617590	CHR3:6617590	SSF x LoA	-9,24741471	-0,004	0,300
CHR3	6622180	CHR3:6622180	SSF x LoA	-5,29062512	0,141	0,312
CHR3	6622210	CHR3:6622210	SSF x LoA	-9,19367169	-0,057	0,322
CHR3	6622388	CHR3:6622388	SSF x LoA	-11,0904219	-0,043	0,307
CHR3	6623989	CHR3:6623989	SSF x LoA	-7,95952084	-0,157	0,312
CHR3	6624219	CHR3:6624219	SSF x LoA	-6,00292251	-0,164	0,301
CHR3	6624223	CHR3:6624223	SSF x LoA	0,00121061	-0,098	0,311
CHR3	6624235	CHR3:6624235	SSF x LoA	-4,05437999	-0,141	0,307
CHR3	6624247	CHR3:6624247	SSF x LoA	-6,51785007	-0,134	0,314
CHR3	6624263	CHR3:6624263	SSF x LoA	-8,88514337	-0,025	0,326
CHR3	662770	CHR3:662770	SSF x LoA	-10,4022303	0,065	0,312
CHR3	662794	CHR3:662794	SSF x LoA	-8,05564132	0,111	0,305
CHR3	662946	CHR3:662946	SSF x LoA	-11,0783465	-0,001	0,297
CHR3	6632970	CHR3:6632970	SSF x LoA	-6,70634953	0,122	0,324
CHR3	6633066	CHR3:6633066	SSF x LoA	-8,98126865	-0,050	0,311
CHR3	6633082	CHR3:6633082	SSF x LoA	-8,52876667	-0,069	0,307
CHR3	6633092	CHR3:6633092	SSF x LoA	-7,70158341	-0,067	0,319
CHR3	6639183	CHR3:6639183	SSF x LoA	-10,6047469	0,022	0,312
CHR3	6639197	CHR3:6639197	SSF x LoA	-6,50571988	-0,124	0,299
CHR3	6640037	CHR3:6640037	SSF x LoA	-6,33158649	-0,179	0,295
CHR3	6640056	CHR3:6640056	SSF x LoA	-9,76075283	-0,169	0,304
CHR3	6647929	CHR3:6647929	SSF x LoA	-10,1518503	-0,040	0,306
CHR3	6648472	CHR3:6648472	SSF x LoA	-10,733346	-0,005	0,311
CHR3	6648529	CHR3:6648529	SSF x LoA	-10,8917269	0,054	0,303
CHR3	6661001	CHR3:6661001	SSF x LoA	-11,3703828	0,009	0,291
CHR3	6666538	CHR3:6666538	SSF x LoA	-7,84651554	0,119	0,296
CHR3	6666548	CHR3:6666548	SSF x LoA	-8,36536	-0,035	0,304
CHR3	6669397	CHR3:6669397	SSF x LoA	-7,8993464	-0,187	0,275
CHR3	6670127	CHR3:6670127	SSF x LoA	-6,1414482	0,120	0,314
CHR3	6673656	CHR3:6673656	SSF x LoA	-8,51417571	0,014	0,307
CHR3	6673720	CHR3:6673720	SSF x LoA	-10,8615211	0,081	0,302
CHR3	6675225	CHR3:6675225	SSF x LoA	-8,50061625	-0,033	0,309
CHR3	6675226	CHR3:6675226	SSF x LoA	-8,58194023	-0,140	0,308
CHR3	6679710	CHR3:6679710	SSF x LoA	-9,34855633	-0,006	0,320
CHR3	6679761	CHR3:6679761	SSF x LoA	-9,17637421	-0,079	0,307
CHR3	6679803	CHR3:6679803	SSF x LoA	-9,16610345	-0,084	0,318

CHR3	6679809	CHR3:6679809	SSF x LoA	-10,9662561	-0,072	0,311
CHR3	667990	CHR3:667990	SSF x LoA	-8,83184706	0,026	0,302
CHR3	667997	CHR3:667997	SSF x LoA	-8,69504195	0,018	0,292
CHR3	668033	CHR3:668033	SSF x LoA	-9,60622413	0,015	0,316
CHR3	668036	CHR3:668036	SSF x LoA	-9,82027537	-0,016	0,298
CHR3	668041	CHR3:668041	SSF x LoA	-9,58947646	-0,039	0,301
CHR3	668061	CHR3:668061	SSF x LoA	-9,45815436	0,056	0,302
CHR3	668078	CHR3:668078	SSF x LoA	-11,0960377	0,016	0,297
CHR3	668115	CHR3:668115	SSF x LoA	-10,6190301	0,076	0,297
CHR3	668162	CHR3:668162	SSF x LoA	-8,09046807	0,067	0,300
CHR3	668176	CHR3:668176	SSF x LoA	-9,08502253	0,078	0,311
CHR3	668215	CHR3:668215	SSF x LoA	-7,61234194	0,036	0,313
CHR3	6683998	CHR3:6683998	SSF x LoA	-7,508972	-0,099	0,298
CHR3	6683999	CHR3:6683999	SSF x LoA	-9,07442559	-0,051	0,292
CHR3	6695667	CHR3:6695667	SSF x LoA	-9,53569169	0,024	0,301
CHR3	6695685	CHR3:6695685	SSF x LoA	-7,43488505	0,068	0,295
CHR3	6695715	CHR3:6695715	SSF x LoA	-9,35318416	-0,072	0,292
CHR3	6695777	CHR3:6695777	SSF x LoA	-7,6393991	-0,135	0,311
CHR3	6695820	CHR3:6695820	SSF x LoA	-8,23383957	-0,087	0,291
CHR3	6695823	CHR3:6695823	SSF x LoA	-9,29609109	0,037	0,305
CHR3	6695857	CHR3:6695857	SSF x LoA	-8,38258382	-0,046	0,308
CHR3	6695866	CHR3:6695866	SSF x LoA	-11,4127065	-0,014	0,305
CHR3	6698818	CHR3:6698818	SSF x LoA	-9,47474026	-0,055	0,311
CHR3	6705315	CHR3:6705315	SSF x LoA	-10,1227155	0,003	0,305
CHR3	6705319	CHR3:6705319	SSF x LoA	-8,46709625	0,014	0,322
CHR3	6711414	CHR3:6711414	SSF x LoA	-9,31470336	-0,023	0,289
CHR3	6711421	CHR3:6711421	SSF x LoA	-11,1825104	0,028	0,317
CHR3	6711517	CHR3:6711517	SSF x LoA	-11,0992966	-0,027	0,309
CHR3	6711573	CHR3:6711573	SSF x LoA	-9,51477393	0,163	0,303
CHR3	6712695	CHR3:6712695	SSF x LoA	-10,3457649	-0,052	0,312
CHR3	6712778	CHR3:6712778	SSF x LoA	-9,57195717	-0,046	0,320
CHR3	6712800	CHR3:6712800	SSF x LoA	-10,1417248	0,007	0,307
CHR3	6712831	CHR3:6712831	SSF x LoA	-6,06347523	-0,075	0,304
CHR3	6722848	CHR3:6722848	SSF x LoA	-8,44769318	0,039	0,313
CHR3	6723355	CHR3:6723355	SSF x LoA	-9,54980993	-0,014	0,315
CHR3	6723356	CHR3:6723356	SSF x LoA	-9,57765341	-0,053	0,305
CHR3	6723385	CHR3:6723385	SSF x LoA	-9,08277928	-0,060	0,314
CHR3	6730316	CHR3:6730316	SSF x LoA	-9,53156244	0,034	0,300
CHR3	6730318	CHR3:6730318	SSF x LoA	-8,02168323	0,002	0,303
CHR3	6734674	CHR3:6734674	SSF x LoA	-9,73870231	-0,037	0,312
CHR3	6734678	CHR3:6734678	SSF x LoA	-8,0552288	-0,126	0,311
CHR3	6734725	CHR3:6734725	SSF x LoA	-7,30281868	-0,145	0,302
CHR3	6734733	CHR3:6734733	SSF x LoA	-8,27343025	-0,135	0,307
CHR3	6734744	CHR3:6734744	SSF x LoA	-8,61378207	0,055	0,309
CHR3	6734772	CHR3:6734772	SSF x LoA	-6,27286594	0,059	0,315
CHR3	6740775	CHR3:6740775	SSF x LoA	-4,45682907	-0,070	0,312
CHR3	6740779	CHR3:6740779	SSF x LoA	-8,94049167	-0,071	0,319
CHR3	6740787	CHR3:6740787	SSF x LoA	-2,21736065	-0,076	0,307
CHR3	6740790	CHR3:6740790	SSF x LoA	-8,19504721	-0,088	0,319
CHR3	674691	CHR3:674691	SSF x LoA	-8,50763243	-0,106	0,301
CHR3	6753336	CHR3:6753336	SSF x LoA	-7,71592278	0,040	0,306
CHR3	6753427	CHR3:6753427	SSF x LoA	-10,6335134	-0,089	0,307
CHR3	6753461	CHR3:6753461	SSF x LoA	-7,4740186	0,036	0,320

CHR3	6770835	CHR3:6770835	SSF x LoA	-9,61244797	-0,076	0,310
CHR3	6770968	CHR3:6770968	SSF x LoA	-10,1207939	-0,040	0,314
CHR3	6771045	CHR3:6771045	SSF x LoA	-8,46472765	-0,062	0,304
CHR3	677555	CHR3:677555	SSF x LoA	-8,28610169	-0,077	0,313
CHR3	677677	CHR3:677677	SSF x LoA	-9,61402972	0,016	0,294
CHR3	6777043	CHR3:6777043	SSF x LoA	-8,14247965	-0,084	0,310
CHR3	6777063	CHR3:6777063	SSF x LoA	-7,02034443	0,000	0,315
CHR3	6778816	CHR3:6778816	SSF x LoA	-9,69188588	0,047	0,308
CHR3	6779202	CHR3:6779202	SSF x LoA	-8,73521645	-0,061	0,300
CHR3	6796008	CHR3:6796008	SSF x LoA	-10,4850623	0,024	0,321
CHR3	6796155	CHR3:6796155	SSF x LoA	-7,57343877	-0,024	0,307
CHR3	6796229	CHR3:6796229	SSF x LoA	-3,58110044	0,085	0,316
CHR3	6801022	CHR3:6801022	SSF x LoA	-6,37130358	0,117	0,308
CHR3	6801061	CHR3:6801061	SSF x LoA	-9,8310915	-0,012	0,308
CHR3	6801106	CHR3:6801106	SSF x LoA	-9,43465857	-0,090	0,297
CHR3	6802578	CHR3:6802578	SSF x LoA	-9,79344472	-0,030	0,295
CHR3	6802645	CHR3:6802645	SSF x LoA	-11,0817171	-0,050	0,306
CHR3	6802668	CHR3:6802668	SSF x LoA	-9,8560237	0,091	0,319
CHR3	6802747	CHR3:6802747	SSF x LoA	-10,1154814	0,106	0,313
CHR3	6802761	CHR3:6802761	SSF x LoA	-9,31322831	0,067	0,308
CHR3	6802799	CHR3:6802799	SSF x LoA	-9,4103911	-0,075	0,313
CHR3	6804264	CHR3:6804264	SSF x LoA	-10,4460288	-0,018	0,320
CHR3	6820770	CHR3:6820770	SSF x LoA	-11,6360691	0,064	0,297
CHR3	6820771	CHR3:6820771	SSF x LoA	-11,4222574	0,040	0,305
CHR3	6820772	CHR3:6820772	SSF x LoA	-6,48154867	-0,048	0,315
CHR3	6821047	CHR3:6821047	SSF x LoA	-9,68538202	-0,061	0,306
CHR3	6829539	CHR3:6829539	SSF x LoA	-10,3387094	0,040	0,312
CHR3	6834397	CHR3:6834397	SSF x LoA	-10,1477758	-0,040	0,297
CHR3	6842399	CHR3:6842399	SSF x LoA	-4,88787928	0,215	0,284
CHR3	6842418	CHR3:6842418	SSF x LoA	-7,7724724	-0,070	0,304
CHR3	6842447	CHR3:6842447	SSF x LoA	-9,00231482	0,018	0,312
CHR3	6842465	CHR3:6842465	SSF x LoA	-11,1200476	-0,011	0,307
CHR3	6842484	CHR3:6842484	SSF x LoA	-11,1807466	-0,020	0,304
CHR3	6855605	CHR3:6855605	SSF x LoA	-8,48778839	0,058	0,310
CHR3	6860755	CHR3:6860755	SSF x LoA	-8,92891647	-0,111	0,312
CHR3	6860773	CHR3:6860773	SSF x LoA	-2,33082124	0,020	0,314
CHR3	6860854	CHR3:6860854	SSF x LoA	-8,61795261	0,090	0,325
CHR3	6860866	CHR3:6860866	SSF x LoA	-8,54281399	-0,100	0,308
CHR3	6860934	CHR3:6860934	SSF x LoA	-8,19133535	0,098	0,298
CHR3	6869925	CHR3:6869925	SSF x LoA	-9,22898482	0,010	0,323
CHR3	6871936	CHR3:6871936	SSF x LoA	-5,22309141	-0,207	0,298
CHR3	6874781	CHR3:6874781	SSF x LoA	-10,4307332	-0,030	0,310
CHR3	6874821	CHR3:6874821	SSF x LoA	-9,67907317	-0,112	0,305
CHR3	6874854	CHR3:6874854	SSF x LoA	-11,2713943	-0,062	0,308
CHR3	6874863	CHR3:6874863	SSF x LoA	-10,5151297	-0,032	0,313
CHR3	6874885	CHR3:6874885	SSF x LoA	-6,7979359	0,034	0,296
CHR3	6874976	CHR3:6874976	SSF x LoA	-9,40866278	0,139	0,302
CHR3	6875022	CHR3:6875022	SSF x LoA	-10,6250473	0,066	0,312
CHR3	6876047	CHR3:6876047	SSF x LoA	-8,8507741	0,181	0,295
CHR3	6876097	CHR3:6876097	SSF x LoA	-9,97019258	0,092	0,316
CHR3	6877235	CHR3:6877235	SSF x LoA	-11,6850892	-0,001	0,316
CHR3	6877293	CHR3:6877293	SSF x LoA	-9,52870718	-0,023	0,306
CHR3	6887455	CHR3:6887455	SSF x LoA	-4,4743238	0,005	0,305

CHR3	6887580	CHR3:6887580	SSF x LoA	-8,07152502	-0,113	0,311
CHR3	6887602	CHR3:6887602	SSF x LoA	-10,2905598	0,007	0,316
CHR3	6887745	CHR3:6887745	SSF x LoA	-8,61631796	-0,028	0,313
CHR3	6897844	CHR3:6897844	SSF x LoA	-10,0842179	-0,017	0,312
CHR3	6908513	CHR3:6908513	SSF x LoA	-8,02558074	0,062	0,306
CHR3	6908532	CHR3:6908532	SSF x LoA	-9,6365066	0,054	0,297
CHR3	6914946	CHR3:6914946	SSF x LoA	-8,3976588	-0,022	0,316
CHR3	6915048	CHR3:6915048	SSF x LoA	-11,3263196	-0,033	0,293
CHR3	691520	CHR3:691520	SSF x LoA	-6,35979683	0,079	0,301
CHR3	691536	CHR3:691536	SSF x LoA	-9,44355448	-0,123	0,304
CHR3	6922885	CHR3:6922885	SSF x LoA	-8,60676834	0,095	0,297
CHR3	6924457	CHR3:6924457	SSF x LoA	-10,4948361	-0,030	0,305
CHR3	6924522	CHR3:6924522	SSF x LoA	-11,1546266	-0,038	0,309
CHR3	6924557	CHR3:6924557	SSF x LoA	-6,31706347	-0,159	0,294
CHR3	6924566	CHR3:6924566	SSF x LoA	-8,00945821	-0,034	0,312
CHR3	6924579	CHR3:6924579	SSF x LoA	-8,10544405	0,099	0,302
CHR3	692593	CHR3:692593	SSF x LoA	-7,82097797	-0,114	0,309
CHR3	692624	CHR3:692624	SSF x LoA	-8,35185023	-0,139	0,301
CHR3	692722	CHR3:692722	SSF x LoA	-4,73551597	0,228	0,296
CHR3	6934762	CHR3:6934762	SSF x LoA	-9,60984573	0,049	0,307
CHR3	6934763	CHR3:6934763	SSF x LoA	-11,5528877	-0,067	0,309
CHR3	6934805	CHR3:6934805	SSF x LoA	-9,07476934	-0,024	0,314
CHR3	6934921	CHR3:6934921	SSF x LoA	-3,0689525	-0,222	0,296
CHR3	6936995	CHR3:6936995	SSF x LoA	-10,4776061	-0,059	0,311
CHR3	6937108	CHR3:6937108	SSF x LoA	-10,7446413	0,015	0,304
CHR3	6944207	CHR3:6944207	SSF x LoA	-9,46169209	-0,075	0,316
CHR3	6944527	CHR3:6944527	SSF x LoA	-6,16003993	-0,143	0,301
CHR3	6944531	CHR3:6944531	SSF x LoA	-7,35223989	-0,208	0,289
CHR3	6956326	CHR3:6956326	SSF x LoA	-10,4103478	-0,016	0,322
CHR3	6965327	CHR3:6965327	SSF x LoA	-8,68525123	0,146	0,299
CHR3	6965336	CHR3:6965336	SSF x LoA	3,02271835	0,162	0,300
CHR3	6970915	CHR3:6970915	SSF x LoA	-9,36184127	0,018	0,300
CHR3	6971019	CHR3:6971019	SSF x LoA	-8,24694682	0,121	0,304
CHR3	697156	CHR3:697156	SSF x LoA	-9,57587951	-0,084	0,302
CHR3	6979755	CHR3:6979755	SSF x LoA	-9,01900909	-0,113	0,301
CHR3	6979796	CHR3:6979796	SSF x LoA	-7,02722255	0,007	0,306
CHR3	6979835	CHR3:6979835	SSF x LoA	-10,0755689	-0,023	0,314
CHR3	6979877	CHR3:6979877	SSF x LoA	-9,21913189	0,118	0,300
CHR3	6979893	CHR3:6979893	SSF x LoA	-9,50245297	0,000	0,313
CHR3	6979913	CHR3:6979913	SSF x LoA	-11,5232005	-0,088	0,300
CHR3	6985504	CHR3:6985504	SSF x LoA	-9,20474527	-0,012	0,307
CHR3	6985544	CHR3:6985544	SSF x LoA	-9,27394033	0,093	0,313
CHR3	6985898	CHR3:6985898	SSF x LoA	-5,79182866	-0,016	0,316
CHR3	6990872	CHR3:6990872	SSF x LoA	-9,27743667	-0,024	0,306
CHR3	701245	CHR3:701245	SSF x LoA	-9,55646314	0,056	0,309
CHR3	701251	CHR3:701251	SSF x LoA	-8,68766594	0,001	0,314
CHR3	7015796	CHR3:7015796	SSF x LoA	-8,73192533	-0,009	0,305
CHR3	7017196	CHR3:7017196	SSF x LoA	-9,09123795	-0,067	0,314
CHR3	7017268	CHR3:7017268	SSF x LoA	-5,47356712	-0,020	0,298
CHR3	7017375	CHR3:7017375	SSF x LoA	-10,3845339	0,090	0,294
CHR3	7017409	CHR3:7017409	SSF x LoA	-9,4093884	-0,038	0,304
CHR3	7017422	CHR3:7017422	SSF x LoA	-7,92277387	-0,075	0,303
CHR3	7017423	CHR3:7017423	SSF x LoA	-5,04864617	-0,071	0,301

CHR3	7026963	CHR3:7026963	SSF x LoA	-9,19031153	0,052	0,306
CHR3	7026973	CHR3:7026973	SSF x LoA	-8,01853075	0,054	0,308
CHR3	7026990	CHR3:7026990	SSF x LoA	-11,172646	0,074	0,300
CHR3	7027004	CHR3:7027004	SSF x LoA	-10,7529942	0,055	0,305
CHR3	7027051	CHR3:7027051	SSF x LoA	-8,06831175	-0,074	0,292
CHR3	7027058	CHR3:7027058	SSF x LoA	-8,6429414	0,058	0,311
CHR3	7027060	CHR3:7027060	SSF x LoA	-10,506022	-0,015	0,302
CHR3	7027076	CHR3:7027076	SSF x LoA	-7,58260847	-0,082	0,298
CHR3	7027088	CHR3:7027088	SSF x LoA	-6,41986774	0,008	0,324
CHR3	7027091	CHR3:7027091	SSF x LoA	-7,93711644	0,085	0,299
CHR3	7027113	CHR3:7027113	SSF x LoA	-8,19853664	0,001	0,305
CHR3	7027129	CHR3:7027129	SSF x LoA	-11,340203	0,060	0,307
CHR3	7027145	CHR3:7027145	SSF x LoA	-5,04002543	-0,042	0,294
CHR3	7029310	CHR3:7029310	SSF x LoA	-9,41843445	0,009	0,318
CHR3	7029352	CHR3:7029352	SSF x LoA	-9,56532618	-0,071	0,310
CHR3	7029479	CHR3:7029479	SSF x LoA	-11,2590316	-0,005	0,308
CHR3	7029486	CHR3:7029486	SSF x LoA	-10,8899474	0,083	0,316
CHR3	7029494	CHR3:7029494	SSF x LoA	-8,33578062	-0,091	0,305
CHR3	7029512	CHR3:7029512	SSF x LoA	-10,4176561	0,109	0,315
CHR3	7029531	CHR3:7029531	SSF x LoA	-10,136499	0,064	0,300
CHR3	7037290	CHR3:7037290	SSF x LoA	0,68427406	0,160	0,298
CHR3	7037302	CHR3:7037302	SSF x LoA	-7,8606949	-0,024	0,304
CHR3	7037331	CHR3:7037331	SSF x LoA	-9,46835587	-0,105	0,310
CHR3	7039657	CHR3:7039657	SSF x LoA	-9,9362751	-0,027	0,315
CHR3	7039743	CHR3:7039743	SSF x LoA	-9,32046243	0,028	0,312
CHR3	7039745	CHR3:7039745	SSF x LoA	-9,76461334	0,077	0,317
CHR3	7039769	CHR3:7039769	SSF x LoA	-8,43394816	0,146	0,302
CHR3	7039797	CHR3:7039797	SSF x LoA	-2,68554667	0,191	0,296
CHR3	7045207	CHR3:7045207	SSF x LoA	-10,4081282	0,048	0,309
CHR3	7045543	CHR3:7045543	SSF x LoA	-7,67576842	0,063	0,307
CHR3	7051896	CHR3:7051896	SSF x LoA	-9,27001051	0,055	0,318
CHR3	7051959	CHR3:7051959	SSF x LoA	-7,17124631	-0,078	0,300
CHR3	7052020	CHR3:7052020	SSF x LoA	-9,01341364	0,020	0,318
CHR3	7052027	CHR3:7052027	SSF x LoA	-9,63750728	0,022	0,312
CHR3	7054372	CHR3:7054372	SSF x LoA	-9,40255216	0,133	0,286
CHR3	7054461	CHR3:7054461	SSF x LoA	-8,99480192	-0,009	0,299
CHR3	7054699	CHR3:7054699	SSF x LoA	-4,97960517	0,222	0,292
CHR3	7054764	CHR3:7054764	SSF x LoA	-8,13911753	0,122	0,316
CHR3	7054788	CHR3:7054788	SSF x LoA	-10,1185624	0,070	0,304
CHR3	7054817	CHR3:7054817	SSF x LoA	-6,66658786	0,137	0,288
CHR3	7054825	CHR3:7054825	SSF x LoA	-9,72544218	0,083	0,314
CHR3	7057356	CHR3:7057356	SSF x LoA	-7,87412308	0,136	0,308
CHR3	7057372	CHR3:7057372	SSF x LoA	-8,20759016	0,050	0,304
CHR3	7060587	CHR3:7060587	SSF x LoA	-9,72057727	-0,109	0,301
CHR3	7060598	CHR3:7060598	SSF x LoA	-11,5039796	-0,024	0,309
CHR3	7060607	CHR3:7060607	SSF x LoA	-9,47097743	0,159	0,304
CHR3	7060624	CHR3:7060624	SSF x LoA	-8,65698885	-0,013	0,299
CHR3	7060637	CHR3:7060637	SSF x LoA	-7,77032232	0,013	0,321
CHR3	7060638	CHR3:7060638	SSF x LoA	-7,36124383	-0,111	0,297
CHR3	7060654	CHR3:7060654	SSF x LoA	-6,10193387	-0,117	0,319
CHR3	7062822	CHR3:7062822	SSF x LoA	-10,5404064	-0,034	0,313
CHR3	7062994	CHR3:7062994	SSF x LoA	-7,51264246	0,109	0,308
CHR3	7065632	CHR3:7065632	SSF x LoA	-7,46169878	0,185	0,309

CHR3	7066567	CHR3:7066567	SSF x LoA	-9,79695397	-0,056	0,316
CHR3	7066739	CHR3:7066739	SSF x LoA	-8,40038328	-0,079	0,301
CHR3	7066775	CHR3:7066775	SSF x LoA	-11,3956872	-0,054	0,306
CHR3	7066780	CHR3:7066780	SSF x LoA	-8,02778256	0,121	0,305
CHR3	7070339	CHR3:7070339	SSF x LoA	-8,7554214	-0,075	0,309
CHR3	7070521	CHR3:7070521	SSF x LoA	-4,16441885	-0,070	0,294
CHR3	7070538	CHR3:7070538	SSF x LoA	-8,55960784	0,030	0,301
CHR3	7076630	CHR3:7076630	SSF x LoA	-9,65957815	0,029	0,314
CHR3	7077162	CHR3:7077162	SSF x LoA	-8,24347561	-0,026	0,316
CHR3	7077178	CHR3:7077178	SSF x LoA	-10,889627	0,014	0,306
CHR3	7082185	CHR3:7082185	SSF x LoA	-9,5326562	0,027	0,313
CHR3	7082239	CHR3:7082239	SSF x LoA	-10,6044992	0,083	0,315
CHR3	7087516	CHR3:7087516	SSF x LoA	-11,0254943	0,033	0,307
CHR3	7095312	CHR3:7095312	SSF x LoA	-9,92487162	0,009	0,297
CHR3	7099712	CHR3:7099712	SSF x LoA	-9,39471766	0,008	0,312
CHR3	7118879	CHR3:7118879	SSF x LoA	-9,5655832	0,027	0,309
CHR3	7118969	CHR3:7118969	SSF x LoA	-10,6794706	-0,045	0,304
CHR3	7119054	CHR3:7119054	SSF x LoA	-6,79382014	-0,118	0,307
CHR3	7125305	CHR3:7125305	SSF x LoA	-10,6286624	0,004	0,304
CHR3	713570	CHR3:713570	SSF x LoA	-10,2002111	0,004	0,302
CHR3	713595	CHR3:713595	SSF x LoA	-9,62217159	0,013	0,292
CHR3	713655	CHR3:713655	SSF x LoA	-9,50644165	0,003	0,298
CHR3	713710	CHR3:713710	SSF x LoA	-11,3943041	-0,095	0,301
CHR3	7148635	CHR3:7148635	SSF x LoA	-9,50691224	-0,045	0,309
CHR3	7148715	CHR3:7148715	SSF x LoA	-6,78624937	-0,173	0,317
CHR3	7160179	CHR3:7160179	SSF x LoA	-9,17075462	0,022	0,296
CHR3	718092	CHR3:718092	SSF x LoA	-9,9146573	-0,054	0,304
CHR3	718106	CHR3:718106	SSF x LoA	-7,89153705	-0,022	0,325
CHR3	718108	CHR3:718108	SSF x LoA	-9,16719952	-0,023	0,301
CHR3	718173	CHR3:718173	SSF x LoA	-9,1281043	-0,043	0,314
CHR3	7181884	CHR3:7181884	SSF x LoA	-8,87149554	0,091	0,308
CHR3	7194362	CHR3:7194362	SSF x LoA	-9,20539382	0,084	0,298
CHR3	7198948	CHR3:7198948	SSF x LoA	-3,86522116	0,183	0,303
CHR3	7208933	CHR3:7208933	SSF x LoA	-8,1596463	-0,036	0,318
CHR3	7223179	CHR3:7223179	SSF x LoA	-11,1577074	0,026	0,296
CHR3	7223312	CHR3:7223312	SSF x LoA	-12,084499	-0,028	0,293
CHR3	7223336	CHR3:7223336	SSF x LoA	-8,98101949	-0,071	0,302
CHR3	7223339	CHR3:7223339	SSF x LoA	-8,59908201	0,020	0,292
CHR3	7230135	CHR3:7230135	SSF x LoA	-8,66537445	0,011	0,308
CHR3	7230144	CHR3:7230144	SSF x LoA	-9,60231193	0,124	0,306
CHR3	7230193	CHR3:7230193	SSF x LoA	-10,9920312	-0,015	0,302
CHR3	7230194	CHR3:7230194	SSF x LoA	-9,20275786	0,050	0,319
CHR3	7230973	CHR3:7230973	SSF x LoA	-11,3100352	-0,094	0,300
CHR3	7230981	CHR3:7230981	SSF x LoA	-9,76984447	0,040	0,322
CHR3	7240016	CHR3:7240016	SSF x LoA	-9,68325438	-0,008	0,312
CHR3	7245432	CHR3:7245432	SSF x LoA	-9,45012798	-0,017	0,301
CHR3	7245442	CHR3:7245442	SSF x LoA	-9,04230908	-0,021	0,311
CHR3	7245581	CHR3:7245581	SSF x LoA	-10,1683333	0,072	0,296
CHR3	7245686	CHR3:7245686	SSF x LoA	-9,20660404	0,052	0,305
CHR3	7245697	CHR3:7245697	SSF x LoA	-11,1793721	-0,053	0,311
CHR3	7259331	CHR3:7259331	SSF x LoA	-10,628992	0,002	0,328
CHR3	7278276	CHR3:7278276	SSF x LoA	-9,14070711	0,178	0,314
CHR3	7278374	CHR3:7278374	SSF x LoA	-7,36608637	-0,107	0,304

CHR3	7281345	CHR3:7281345	SSF x LoA	-8,7866962	0,088	0,309
CHR3	7287661	CHR3:7287661	SSF x LoA	-8,11921685	0,148	0,287
CHR3	7287712	CHR3:7287712	SSF x LoA	-8,76606759	-0,123	0,298
CHR3	7287720	CHR3:7287720	SSF x LoA	-10,9483342	-0,111	0,299
CHR3	7287735	CHR3:7287735	SSF x LoA	-9,95680727	0,063	0,328
CHR3	7287743	CHR3:7287743	SSF x LoA	-7,42192231	-0,012	0,307
CHR3	7287772	CHR3:7287772	SSF x LoA	-11,9885332	0,071	0,306
CHR3	7287777	CHR3:7287777	SSF x LoA	-9,72014798	0,066	0,310
CHR3	7288490	CHR3:7288490	SSF x LoA	-9,09298717	0,057	0,301
CHR3	7288550	CHR3:7288550	SSF x LoA	-9,37222397	0,024	0,316
CHR3	7290791	CHR3:7290791	SSF x LoA	-8,52002765	-0,007	0,313
CHR3	7290793	CHR3:7290793	SSF x LoA	-9,74002141	-0,066	0,304
CHR3	7291534	CHR3:7291534	SSF x LoA	-10,4267323	0,058	0,287
CHR3	7291552	CHR3:7291552	SSF x LoA	-6,61575917	0,216	0,291
CHR3	7291619	CHR3:7291619	SSF x LoA	-8,21565662	-0,011	0,303
CHR3	7294410	CHR3:7294410	SSF x LoA	-5,3967552	0,041	0,309
CHR3	7294485	CHR3:7294485	SSF x LoA	-10,3959749	-0,050	0,295
CHR3	7294532	CHR3:7294532	SSF x LoA	-8,25546907	-0,102	0,311
CHR3	7295784	CHR3:7295784	SSF x LoA	-8,62265168	-0,039	0,318
CHR3	7295818	CHR3:7295818	SSF x LoA	-8,15686342	-0,036	0,306
CHR3	7295872	CHR3:7295872	SSF x LoA	-8,86786562	-0,068	0,310
CHR3	7297678	CHR3:7297678	SSF x LoA	-7,1290513	-0,113	0,307
CHR3	7299297	CHR3:7299297	SSF x LoA	-9,02444326	0,056	0,301
CHR3	7307320	CHR3:7307320	SSF x LoA	-6,1299119	-0,169	0,300
CHR3	7307444	CHR3:7307444	SSF x LoA	-8,39618041	0,131	0,295
CHR3	7307451	CHR3:7307451	SSF x LoA	-10,5261108	0,091	0,300
CHR3	7307454	CHR3:7307454	SSF x LoA	-7,56144319	0,087	0,303
CHR3	7307460	CHR3:7307460	SSF x LoA	-7,92278246	0,049	0,303
CHR3	7315335	CHR3:7315335	SSF x LoA	-8,75391694	-0,027	0,317
CHR3	7315337	CHR3:7315337	SSF x LoA	-8,73731067	-0,087	0,300
CHR3	7326131	CHR3:7326131	SSF x LoA	-8,3836877	0,101	0,308
CHR3	7326145	CHR3:7326145	SSF x LoA	-7,35258634	0,106	0,305
CHR3	7326168	CHR3:7326168	SSF x LoA	-10,6901766	-0,078	0,314
CHR3	7326275	CHR3:7326275	SSF x LoA	-8,32283938	-0,049	0,311
CHR3	7326343	CHR3:7326343	SSF x LoA	-8,15743107	-0,036	0,316
CHR3	7327200	CHR3:7327200	SSF x LoA	-8,93762794	-0,028	0,306
CHR3	7327355	CHR3:7327355	SSF x LoA	-10,0128679	-0,060	0,309
CHR3	7327364	CHR3:7327364	SSF x LoA	-10,1163778	0,053	0,313
CHR3	7328591	CHR3:7328591	SSF x LoA	-10,3447522	-0,076	0,310
CHR3	7329419	CHR3:7329419	SSF x LoA	-9,13966149	-0,008	0,296
CHR3	7338381	CHR3:7338381	SSF x LoA	-8,1851894	0,160	0,304
CHR3	7339357	CHR3:7339357	SSF x LoA	-9,80042029	0,073	0,294
CHR3	734242	CHR3:734242	SSF x LoA	-9,05183744	-0,011	0,316
CHR3	734365	CHR3:734365	SSF x LoA	-11,3018017	0,008	0,311
CHR3	734370	CHR3:734370	SSF x LoA	-11,0479191	-0,014	0,313
CHR3	7356804	CHR3:7356804	SSF x LoA	-11,4113886	-0,044	0,303
CHR3	7361782	CHR3:7361782	SSF x LoA	-7,39126021	0,063	0,330
CHR3	7361823	CHR3:7361823	SSF x LoA	-7,33893223	0,088	0,294
CHR3	7361879	CHR3:7361879	SSF x LoA	-8,79393416	0,104	0,292
CHR3	7379656	CHR3:7379656	SSF x LoA	-9,05617712	0,020	0,313
CHR3	7379732	CHR3:7379732	SSF x LoA	-8,40384197	0,000	0,312
CHR3	7381229	CHR3:7381229	SSF x LoA	-9,48989997	-0,053	0,304
CHR3	7381280	CHR3:7381280	SSF x LoA	-7,50882463	0,074	0,292

CHR3	7381281	CHR3:7381281	SSF x LoA	-5,86562811	0,069	0,297
CHR3	7381322	CHR3:7381322	SSF x LoA	-8,67206552	0,007	0,296
CHR3	7381329	CHR3:7381329	SSF x LoA	-8,92018734	-0,104	0,306
CHR3	7381358	CHR3:7381358	SSF x LoA	-8,23323707	-0,036	0,301
CHR3	7381580	CHR3:7381580	SSF x LoA	-10,3529787	0,082	0,293
CHR3	7383995	CHR3:7383995	SSF x LoA	-6,41998383	-0,096	0,310
CHR3	7384047	CHR3:7384047	SSF x LoA	-7,31064247	0,127	0,299
CHR3	7384048	CHR3:7384048	SSF x LoA	-6,90317964	0,127	0,295
CHR3	7384049	CHR3:7384049	SSF x LoA	-11,3854178	-0,044	0,303
CHR3	7384069	CHR3:7384069	SSF x LoA	-5,52264118	-0,060	0,290
CHR3	7384080	CHR3:7384080	SSF x LoA	-5,98195595	-0,132	0,305
CHR3	7384098	CHR3:7384098	SSF x LoA	-8,12990978	-0,135	0,302
CHR3	7399668	CHR3:7399668	SSF x LoA	-7,96548865	-0,020	0,302
CHR3	7399950	CHR3:7399950	SSF x LoA	-8,72759741	0,020	0,311
CHR3	740892	CHR3:740892	SSF x LoA	-6,92825671	0,040	0,299
CHR3	740945	CHR3:740945	SSF x LoA	-7,00600611	0,074	0,311
CHR3	740950	CHR3:740950	SSF x LoA	-11,2827791	-0,021	0,298
CHR3	740998	CHR3:740998	SSF x LoA	-10,1015864	-0,014	0,311
CHR3	741082	CHR3:741082	SSF x LoA	-9,41834607	0,063	0,314
CHR3	7413421	CHR3:7413421	SSF x LoA	-7,24173106	-0,120	0,303
CHR3	7413425	CHR3:7413425	SSF x LoA	-9,31613987	0,015	0,312
CHR3	7413492	CHR3:7413492	SSF x LoA	-10,1776605	-0,137	0,296
CHR3	7413554	CHR3:7413554	SSF x LoA	-10,282823	-0,074	0,301
CHR3	7436155	CHR3:7436155	SSF x LoA	-9,42892461	0,035	0,308
CHR3	7436227	CHR3:7436227	SSF x LoA	-11,0335744	-0,008	0,307
CHR3	7436253	CHR3:7436253	SSF x LoA	-9,36354417	-0,085	0,308
CHR3	7440204	CHR3:7440204	SSF x LoA	-6,07660369	0,184	0,301
CHR3	7449378	CHR3:7449378	SSF x LoA	-4,62147355	-0,045	0,310
CHR3	7456343	CHR3:7456343	SSF x LoA	-8,8582266	-0,059	0,303
CHR3	7456356	CHR3:7456356	SSF x LoA	-7,97677554	-0,069	0,313
CHR3	7462350	CHR3:7462350	SSF x LoA	-8,59443053	-0,059	0,308
CHR3	7462394	CHR3:7462394	SSF x LoA	-9,73306164	-0,078	0,287
CHR3	7481745	CHR3:7481745	SSF x LoA	-9,42041337	-0,035	0,301
CHR3	7481787	CHR3:7481787	SSF x LoA	-9,80559119	0,097	0,291
CHR3	7481813	CHR3:7481813	SSF x LoA	-5,60674629	-0,084	0,317
CHR3	7481863	CHR3:7481863	SSF x LoA	-6,3159948	-0,088	0,314
CHR3	7481934	CHR3:7481934	SSF x LoA	-8,38185146	-0,055	0,303
CHR3	7492985	CHR3:7492985	SSF x LoA	-9,43869426	-0,120	0,312
CHR3	7493121	CHR3:7493121	SSF x LoA	-11,1021831	0,093	0,300
CHR3	7495422	CHR3:7495422	SSF x LoA	-8,56194956	0,016	0,325
CHR3	7495447	CHR3:7495447	SSF x LoA	-6,88516813	0,173	0,306
CHR3	7503274	CHR3:7503274	SSF x LoA	-7,91543964	0,133	0,297
CHR3	752587	CHR3:752587	SSF x LoA	-9,00029771	-0,079	0,313
CHR3	752636	CHR3:752636	SSF x LoA	-8,950385	0,006	0,301
CHR3	752680	CHR3:752680	SSF x LoA	-8,32729603	0,019	0,299
CHR3	752725	CHR3:752725	SSF x LoA	-10,2315143	0,084	0,301
CHR3	752805	CHR3:752805	SSF x LoA	7,58816287	0,107	0,311
CHR3	7530855	CHR3:7530855	SSF x LoA	-9,10926232	-0,068	0,311
CHR3	7530909	CHR3:7530909	SSF x LoA	-8,56128509	0,032	0,303
CHR3	7530912	CHR3:7530912	SSF x LoA	-10,048336	-0,034	0,300
CHR3	7530959	CHR3:7530959	SSF x LoA	-7,86785978	-0,015	0,308
CHR3	7536429	CHR3:7536429	SSF x LoA	-7,26216666	-0,013	0,301
CHR3	7536561	CHR3:7536561	SSF x LoA	-5,23316241	-0,053	0,309

CHR3	7536567	CHR3:7536567	SSF x LoA	-7,60934621	-0,019	0,315
CHR3	7536596	CHR3:7536596	SSF x LoA	-10,699782	-0,064	0,321
CHR3	7548230	CHR3:7548230	SSF x LoA	-8,91090664	-0,018	0,304
CHR3	7548231	CHR3:7548231	SSF x LoA	-8,69142938	-0,052	0,305
CHR3	7548379	CHR3:7548379	SSF x LoA	-11,2785545	-0,062	0,309
CHR3	7549186	CHR3:7549186	SSF x LoA	-10,3815221	-0,026	0,316
CHR3	7551491	CHR3:7551491	SSF x LoA	-11,0816441	-0,090	0,317
CHR3	7551499	CHR3:7551499	SSF x LoA	-11,0558426	-0,068	0,298
CHR3	7555844	CHR3:7555844	SSF x LoA	-10,0260896	0,018	0,302
CHR3	7559116	CHR3:7559116	SSF x LoA	-6,21043923	-0,028	0,313
CHR3	7559221	CHR3:7559221	SSF x LoA	-9,27397249	0,057	0,296
CHR3	7559336	CHR3:7559336	SSF x LoA	-9,76328877	-0,068	0,299
CHR3	756544	CHR3:756544	SSF x LoA	-8,892742	-0,085	0,324
CHR3	756595	CHR3:756595	SSF x LoA	-9,87685778	-0,005	0,305
CHR3	756682	CHR3:756682	SSF x LoA	-10,6601358	-0,031	0,303
CHR3	7567543	CHR3:7567543	SSF x LoA	-0,79137325	-0,108	0,315
CHR3	7567606	CHR3:7567606	SSF x LoA	-7,52693138	-0,027	0,315
CHR3	7571214	CHR3:7571214	SSF x LoA	-8,96639008	0,086	0,299
CHR3	7572740	CHR3:7572740	SSF x LoA	-2,1678025	0,200	0,297
CHR3	7578609	CHR3:7578609	SSF x LoA	-10,6406664	-0,048	0,302
CHR3	7578645	CHR3:7578645	SSF x LoA	-12,1103395	-0,020	0,306
CHR3	7578726	CHR3:7578726	SSF x LoA	-8,86229086	0,056	0,291
CHR3	7578737	CHR3:7578737	SSF x LoA	-9,55863502	0,106	0,289
CHR3	7591204	CHR3:7591204	SSF x LoA	-8,82694601	-0,034	0,316
CHR3	7591213	CHR3:7591213	SSF x LoA	-8,75815031	0,097	0,306
CHR3	7591218	CHR3:7591218	SSF x LoA	-9,17440843	-0,030	0,311
CHR3	7591227	CHR3:7591227	SSF x LoA	-8,74869929	-0,022	0,317
CHR3	7605221	CHR3:7605221	SSF x LoA	-11,7241216	0,028	0,300
CHR3	7605389	CHR3:7605389	SSF x LoA	-10,7507929	-0,010	0,302
CHR3	7609303	CHR3:7609303	SSF x LoA	-7,76449846	-0,038	0,309
CHR3	7609316	CHR3:7609316	SSF x LoA	-8,25138004	0,024	0,314
CHR3	7609321	CHR3:7609321	SSF x LoA	-8,7429489	-0,053	0,316
CHR3	7609370	CHR3:7609370	SSF x LoA	-8,96234894	-0,147	0,295
CHR3	7609391	CHR3:7609391	SSF x LoA	-8,76644056	-0,038	0,303
CHR3	7613446	CHR3:7613446	SSF x LoA	-9,89498192	-0,091	0,287
CHR3	7613461	CHR3:7613461	SSF x LoA	-9,72313203	-0,071	0,291
CHR3	7627215	CHR3:7627215	SSF x LoA	-10,0289871	0,062	0,305
CHR3	7627234	CHR3:7627234	SSF x LoA	-11,274436	0,053	0,297
CHR3	7627274	CHR3:7627274	SSF x LoA	-6,31134894	-0,003	0,320
CHR3	7627304	CHR3:7627304	SSF x LoA	-9,85561096	-0,067	0,319
CHR3	7627372	CHR3:7627372	SSF x LoA	-9,84168318	0,012	0,302
CHR3	7630116	CHR3:7630116	SSF x LoA	-9,66293711	0,084	0,307
CHR3	7630138	CHR3:7630138	SSF x LoA	-10,7867136	0,069	0,317
CHR3	7630160	CHR3:7630160	SSF x LoA	-11,6103741	-0,015	0,313
CHR3	7630204	CHR3:7630204	SSF x LoA	-2,35976365	0,173	0,301
CHR3	7630219	CHR3:7630219	SSF x LoA	-7,56225337	0,178	0,290
CHR3	7630249	CHR3:7630249	SSF x LoA	-6,68601923	0,079	0,306
CHR3	7630269	CHR3:7630269	SSF x LoA	-1,52186651	-0,182	0,300
CHR3	7630362	CHR3:7630362	SSF x LoA	-3,54644801	0,103	0,300
CHR3	7645065	CHR3:7645065	SSF x LoA	-11,0135417	-0,014	0,318
CHR3	7645092	CHR3:7645092	SSF x LoA	-9,46087472	-0,060	0,307
CHR3	7653556	CHR3:7653556	SSF x LoA	-10,5338517	-0,162	0,299
CHR3	7654587	CHR3:7654587	SSF x LoA	-8,4840946	-0,137	0,302

CHR3	7665034	CHR3:7665034	SSF x LoA	12,6487086	0,077	0,300
CHR3	7665053	CHR3:7665053	SSF x LoA	-10,3300394	0,059	0,301
CHR3	7665089	CHR3:7665089	SSF x LoA	-6,8030856	0,090	0,312
CHR3	7665091	CHR3:7665091	SSF x LoA	-9,28008438	-0,027	0,309
CHR3	7668123	CHR3:7668123	SSF x LoA	-7,94345967	0,048	0,310
CHR3	7674823	CHR3:7674823	SSF x LoA	-10,3295443	0,081	0,301
CHR3	7676388	CHR3:7676388	SSF x LoA	-9,48121909	0,007	0,313
CHR3	7681145	CHR3:7681145	SSF x LoA	-11,0255016	-0,068	0,318
CHR3	7681166	CHR3:7681166	SSF x LoA	-8,07583666	-0,005	0,302
CHR3	7681187	CHR3:7681187	SSF x LoA	-11,8754161	0,049	0,305
CHR3	7681303	CHR3:7681303	SSF x LoA	-10,5645673	0,038	0,317
CHR3	7689826	CHR3:7689826	SSF x LoA	-5,83838327	0,178	0,305
CHR3	7689835	CHR3:7689835	SSF x LoA	-11,485377	-0,013	0,308
CHR3	7689836	CHR3:7689836	SSF x LoA	-8,82216205	0,057	0,314
CHR3	7689855	CHR3:7689855	SSF x LoA	-9,29519453	0,042	0,310
CHR3	7701127	CHR3:7701127	SSF x LoA	-10,1893738	-0,005	0,316
CHR3	773366	CHR3:773366	SSF x LoA	-9,88943354	-0,116	0,302
CHR3	7733856	CHR3:7733856	SSF x LoA	-8,66356986	-0,081	0,311
CHR3	7733868	CHR3:7733868	SSF x LoA	-8,50413268	0,033	0,324
CHR3	7733890	CHR3:7733890	SSF x LoA	-9,36452451	0,060	0,315
CHR3	7733953	CHR3:7733953	SSF x LoA	1,10529243	0,048	0,315
CHR3	7734021	CHR3:7734021	SSF x LoA	-9,25421997	-0,126	0,313
CHR3	7738650	CHR3:7738650	SSF x LoA	-6,71322302	0,027	0,309
CHR3	7738694	CHR3:7738694	SSF x LoA	-10,9008443	0,026	0,303
CHR3	7738757	CHR3:7738757	SSF x LoA	-9,91538768	0,070	0,299
CHR3	7738767	CHR3:7738767	SSF x LoA	-8,72721793	-0,032	0,309
CHR3	7738831	CHR3:7738831	SSF x LoA	-10,1408547	0,044	0,301
CHR3	7738895	CHR3:7738895	SSF x LoA	-10,2282637	0,051	0,301
CHR3	7740330	CHR3:7740330	SSF x LoA	-11,3718199	0,064	0,301
CHR3	7746203	CHR3:7746203	SSF x LoA	-10,2983818	-0,107	0,309
CHR3	7746210	CHR3:7746210	SSF x LoA	-9,24799849	0,046	0,313
CHR3	774768	CHR3:774768	SSF x LoA	-6,51733582	-0,118	0,313
CHR3	7749977	CHR3:7749977	SSF x LoA	-9,97543965	0,063	0,308
CHR3	7750019	CHR3:7750019	SSF x LoA	-9,09553629	-0,048	0,318
CHR3	7750059	CHR3:7750059	SSF x LoA	-9,24291104	-0,033	0,305
CHR3	775019	CHR3:775019	SSF x LoA	-11,0419048	-0,057	0,312
CHR3	7753194	CHR3:7753194	SSF x LoA	-10,043325	-0,024	0,310
CHR3	7753362	CHR3:7753362	SSF x LoA	-10,2020224	-0,056	0,304
CHR3	7753379	CHR3:7753379	SSF x LoA	-9,43075971	-0,018	0,311
CHR3	7753390	CHR3:7753390	SSF x LoA	-5,02329075	-0,113	0,301
CHR3	7753392	CHR3:7753392	SSF x LoA	-11,556826	-0,004	0,300
CHR3	7753453	CHR3:7753453	SSF x LoA	-7,40131266	0,104	0,322
CHR3	7772076	CHR3:7772076	SSF x LoA	-8,71601071	0,020	0,310
CHR3	7772212	CHR3:7772212	SSF x LoA	-7,80943919	0,033	0,299
CHR3	7778653	CHR3:7778653	SSF x LoA	-9,61438777	0,069	0,298
CHR3	7778719	CHR3:7778719	SSF x LoA	-10,9526885	-0,074	0,301
CHR3	7791360	CHR3:7791360	SSF x LoA	-9,0993387	-0,103	0,292
CHR3	7791387	CHR3:7791387	SSF x LoA	-8,32861978	-0,083	0,306
CHR3	7791437	CHR3:7791437	SSF x LoA	-7,26001346	-0,125	0,306
CHR3	7791469	CHR3:7791469	SSF x LoA	-9,03676595	-0,025	0,303
CHR3	7791886	CHR3:7791886	SSF x LoA	-11,0771628	-0,059	0,307
CHR3	7799359	CHR3:7799359	SSF x LoA	-9,54755341	0,037	0,309
CHR3	7799531	CHR3:7799531	SSF x LoA	-10,1446522	0,161	0,317

CHR3	7799748	CHR3:7799748	SSF x LoA	-10,2550394	0,038	0,314
CHR3	7809158	CHR3:7809158	SSF x LoA	-8,96898349	0,030	0,301
CHR3	7809175	CHR3:7809175	SSF x LoA	-9,27591064	0,096	0,315
CHR3	7810762	CHR3:7810762	SSF x LoA	-10,8850278	-0,011	0,304
CHR3	7810854	CHR3:7810854	SSF x LoA	-8,77797485	0,035	0,307
CHR3	7810928	CHR3:7810928	SSF x LoA	-10,7600711	0,117	0,307
CHR3	7810985	CHR3:7810985	SSF x LoA	-9,79859412	0,038	0,311
CHR3	7826100	CHR3:7826100	SSF x LoA	-10,4796654	-0,059	0,294
CHR3	7830133	CHR3:7830133	SSF x LoA	-10,6709538	0,043	0,304
CHR3	7830136	CHR3:7830136	SSF x LoA	-9,56770658	0,069	0,312
CHR3	7838919	CHR3:7838919	SSF x LoA	-10,2737154	-0,010	0,305
CHR3	7838967	CHR3:7838967	SSF x LoA	-11,7209318	0,029	0,305
CHR3	7840115	CHR3:7840115	SSF x LoA	-10,167628	-0,026	0,301
CHR3	785087	CHR3:785087	SSF x LoA	-9,14244944	0,085	0,308
CHR3	7856903	CHR3:7856903	SSF x LoA	-11,6952154	-0,023	0,309
CHR3	7861007	CHR3:7861007	SSF x LoA	-8,77536754	0,069	0,306
CHR3	7861018	CHR3:7861018	SSF x LoA	-8,71438315	0,102	0,294
CHR3	7861023	CHR3:7861023	SSF x LoA	-10,0314011	0,052	0,311
CHR3	7861026	CHR3:7861026	SSF x LoA	-7,63776863	-0,017	0,315
CHR3	7861041	CHR3:7861041	SSF x LoA	-7,25841948	0,006	0,280
CHR3	7861079	CHR3:7861079	SSF x LoA	-11,6863057	0,057	0,317
CHR3	7861111	CHR3:7861111	SSF x LoA	-10,7162609	0,115	0,292
CHR3	7861134	CHR3:7861134	SSF x LoA	-9,84115994	-0,014	0,308
CHR3	7861146	CHR3:7861146	SSF x LoA	-10,8968809	0,040	0,301
CHR3	7861176	CHR3:7861176	SSF x LoA	-9,38962883	0,012	0,310
CHR3	7863321	CHR3:7863321	SSF x LoA	-9,4619946	0,076	0,307
CHR3	7883220	CHR3:7883220	SSF x LoA	-4,21240451	-0,175	0,303
CHR3	7917387	CHR3:7917387	SSF x LoA	-7,574257	0,023	0,313
CHR3	7928184	CHR3:7928184	SSF x LoA	-11,4103036	-0,004	0,310
CHR3	7928205	CHR3:7928205	SSF x LoA	-8,68813524	-0,054	0,307
CHR3	7928392	CHR3:7928392	SSF x LoA	-10,9414691	-0,050	0,303
CHR3	7935309	CHR3:7935309	SSF x LoA	-9,31984377	0,089	0,313
CHR3	7935451	CHR3:7935451	SSF x LoA	-12,0594453	-0,007	0,316
CHR3	7936996	CHR3:7936996	SSF x LoA	-10,8955127	0,020	0,310
CHR3	7937102	CHR3:7937102	SSF x LoA	-8,72534528	0,039	0,301
CHR3	7937165	CHR3:7937165	SSF x LoA	-8,28784581	-0,083	0,310
CHR3	7943623	CHR3:7943623	SSF x LoA	-7,03863789	0,177	0,293
CHR3	7943656	CHR3:7943656	SSF x LoA	-8,97954763	-0,095	0,303
CHR3	7944494	CHR3:7944494	SSF x LoA	-9,43099521	-0,078	0,317
CHR3	7944511	CHR3:7944511	SSF x LoA	-10,9386571	-0,053	0,318
CHR3	7944684	CHR3:7944684	SSF x LoA	-5,18164872	-0,072	0,300
CHR3	7951571	CHR3:7951571	SSF x LoA	-8,73375417	0,113	0,300
CHR3	7956146	CHR3:7956146	SSF x LoA	-9,43678726	-0,033	0,324
CHR3	7956209	CHR3:7956209	SSF x LoA	-8,51521864	0,099	0,300
CHR3	7956277	CHR3:7956277	SSF x LoA	-8,63203583	0,070	0,306
CHR3	7968327	CHR3:7968327	SSF x LoA	-8,64619815	0,036	0,312
CHR3	7975362	CHR3:7975362	SSF x LoA	-9,25777188	-0,012	0,303
CHR3	7975479	CHR3:7975479	SSF x LoA	-9,24409375	-0,146	0,305
CHR3	7988786	CHR3:7988786	SSF x LoA	-3,59340791	0,078	0,324
CHR3	7989760	CHR3:7989760	SSF x LoA	-8,81188777	0,065	0,318
CHR3	8032586	CHR3:8032586	SSF x LoA	-6,78441756	-0,024	0,307
CHR3	8035811	CHR3:8035811	SSF x LoA	-10,7071622	0,036	0,299
CHR3	8035887	CHR3:8035887	SSF x LoA	-8,7874072	-0,110	0,306

CHR3	8035907	CHR3:8035907	SSF x LoA	-8,95252379	-0,010	0,303
CHR3	8035948	CHR3:8035948	SSF x LoA	-10,9581051	-0,016	0,316
CHR3	8051878	CHR3:8051878	SSF x LoA	-6,8221793	-0,076	0,306
CHR3	8051917	CHR3:8051917	SSF x LoA	-11,7591674	-0,015	0,295
CHR3	8051995	CHR3:8051995	SSF x LoA	-9,92493045	0,010	0,313
CHR3	8057677	CHR3:8057677	SSF x LoA	-10,8104285	0,018	0,310
CHR3	8057685	CHR3:8057685	SSF x LoA	-9,20525936	-0,049	0,298
CHR3	8057737	CHR3:8057737	SSF x LoA	-10,0953176	0,024	0,305
CHR3	8057751	CHR3:8057751	SSF x LoA	-7,35782135	-0,047	0,308
CHR3	8058685	CHR3:8058685	SSF x LoA	-9,16394569	-0,043	0,314
CHR3	8065101	CHR3:8065101	SSF x LoA	-7,56626475	0,039	0,317
CHR3	8065181	CHR3:8065181	SSF x LoA	-10,7540937	0,004	0,301
CHR3	8065334	CHR3:8065334	SSF x LoA	-8,73806689	0,088	0,306
CHR3	8065351	CHR3:8065351	SSF x LoA	-8,228622	0,085	0,306
CHR3	8065388	CHR3:8065388	SSF x LoA	-8,83390179	0,056	0,301
CHR3	8065396	CHR3:8065396	SSF x LoA	-10,4146719	0,062	0,308
CHR3	8067858	CHR3:8067858	SSF x LoA	-8,97711348	0,059	0,317
CHR3	8074333	CHR3:8074333	SSF x LoA	-6,90881001	-0,110	0,298
CHR3	8074342	CHR3:8074342	SSF x LoA	-8,11114309	0,124	0,289
CHR3	808509	CHR3:808509	SSF x LoA	-6,93229341	-0,063	0,301
CHR3	808553	CHR3:808553	SSF x LoA	-6,56666918	-0,123	0,302
CHR3	8087416	CHR3:8087416	SSF x LoA	-7,42961093	0,093	0,292
CHR3	8087489	CHR3:8087489	SSF x LoA	-9,62000316	0,040	0,307
CHR3	8087517	CHR3:8087517	SSF x LoA	-9,49383386	-0,007	0,311
CHR3	8089408	CHR3:8089408	SSF x LoA	-10,8430351	0,007	0,310
CHR3	8089654	CHR3:8089654	SSF x LoA	-10,0618677	0,015	0,312
CHR3	8101092	CHR3:8101092	SSF x LoA	-8,27250099	-0,011	0,316
CHR3	8101312	CHR3:8101312	SSF x LoA	-10,974807	0,004	0,310
CHR3	8104469	CHR3:8104469	SSF x LoA	-10,8058888	-0,082	0,300
CHR3	8104578	CHR3:8104578	SSF x LoA	-7,33500756	-0,108	0,317
CHR3	8107155	CHR3:8107155	SSF x LoA	-2,03977705	0,002	0,301
CHR3	8107225	CHR3:8107225	SSF x LoA	-9,08649559	0,022	0,316
CHR3	8109977	CHR3:8109977	SSF x LoA	-5,38616865	0,045	0,303
CHR3	8110011	CHR3:8110011	SSF x LoA	-9,03920452	0,150	0,288
CHR3	8110039	CHR3:8110039	SSF x LoA	-8,21134857	-0,038	0,308
CHR3	8110041	CHR3:8110041	SSF x LoA	-8,57383519	0,017	0,305
CHR3	8110056	CHR3:8110056	SSF x LoA	-8,14258914	-0,159	0,314
CHR3	8110060	CHR3:8110060	SSF x LoA	-9,78359764	-0,143	0,309
CHR3	8110089	CHR3:8110089	SSF x LoA	-10,3165492	0,011	0,311
CHR3	8110096	CHR3:8110096	SSF x LoA	-9,39714307	0,026	0,315
CHR3	8110107	CHR3:8110107	SSF x LoA	-10,5610471	0,065	0,305
CHR3	8110146	CHR3:8110146	SSF x LoA	-11,495317	-0,055	0,304
CHR3	8133828	CHR3:8133828	SSF x LoA	-8,49105557	-0,042	0,305
CHR3	8133864	CHR3:8133864	SSF x LoA	-6,49092704	-0,041	0,305
CHR3	814364	CHR3:814364	SSF x LoA	-9,14850813	-0,079	0,301
CHR3	8145863	CHR3:8145863	SSF x LoA	-9,87421389	-0,006	0,317
CHR3	8145998	CHR3:8145998	SSF x LoA	-8,69541078	-0,132	0,309
CHR3	814602	CHR3:814602	SSF x LoA	-10,7732847	-0,018	0,315
CHR3	8155543	CHR3:8155543	SSF x LoA	-9,30155105	-0,030	0,298
CHR3	8155572	CHR3:8155572	SSF x LoA	-8,2551046	0,047	0,311
CHR3	8155580	CHR3:8155580	SSF x LoA	-10,8071493	0,046	0,323
CHR3	8155741	CHR3:8155741	SSF x LoA	-10,682063	-0,010	0,312
CHR3	8155770	CHR3:8155770	SSF x LoA	-9,10000638	-0,015	0,314

CHR3	8155786	CHR3:8155786	SSF x LoA	-10,1381774	-0,017	0,316
CHR3	8155795	CHR3:8155795	SSF x LoA	-9,56679138	0,017	0,304
CHR3	8172184	CHR3:8172184	SSF x LoA	-10,8182163	0,004	0,315
CHR3	8172206	CHR3:8172206	SSF x LoA	-6,55743693	0,140	0,295
CHR3	8172414	CHR3:8172414	SSF x LoA	-6,65310632	0,196	0,303
CHR3	8183132	CHR3:8183132	SSF x LoA	-9,39644264	0,022	0,300
CHR3	8183171	CHR3:8183171	SSF x LoA	-11,4744077	0,071	0,303
CHR3	8183218	CHR3:8183218	SSF x LoA	-10,2046606	-0,017	0,317
CHR3	8183260	CHR3:8183260	SSF x LoA	-10,0847741	-0,118	0,311
CHR3	8183277	CHR3:8183277	SSF x LoA	-8,36249157	-0,164	0,302
CHR3	8183300	CHR3:8183300	SSF x LoA	-11,9448707	0,004	0,302
CHR3	8183303	CHR3:8183303	SSF x LoA	-3,91605971	-0,054	0,322
CHR3	8189011	CHR3:8189011	SSF x LoA	-11,6684124	-0,019	0,292
CHR3	8189062	CHR3:8189062	SSF x LoA	-8,54272392	-0,154	0,305
CHR3	8189092	CHR3:8189092	SSF x LoA	-8,20858463	-0,090	0,312
CHR3	8189113	CHR3:8189113	SSF x LoA	-11,2898409	0,023	0,305
CHR3	8194148	CHR3:8194148	SSF x LoA	-11,0492365	-0,001	0,305
CHR3	8194325	CHR3:8194325	SSF x LoA	-8,09840133	-0,055	0,300
CHR3	8194328	CHR3:8194328	SSF x LoA	-6,58324245	-0,113	0,296
CHR3	8194380	CHR3:8194380	SSF x LoA	-9,90773807	-0,137	0,289
CHR3	819570	CHR3:819570	SSF x LoA	-7,68098388	0,068	0,306
CHR3	819613	CHR3:819613	SSF x LoA	-4,76458172	0,150	0,300
CHR3	8205500	CHR3:8205500	SSF x LoA	-9,33361331	0,075	0,312
CHR3	821206	CHR3:821206	SSF x LoA	-8,85039765	-0,007	0,305
CHR3	821227	CHR3:821227	SSF x LoA	-9,21523359	-0,052	0,306
CHR3	8213030	CHR3:8213030	SSF x LoA	-8,5287078	-0,146	0,290
CHR3	8213216	CHR3:8213216	SSF x LoA	-7,4329898	-0,067	0,307
CHR3	821324	CHR3:821324	SSF x LoA	-9,67976299	0,053	0,299
CHR3	8215510	CHR3:8215510	SSF x LoA	-6,29952014	-0,229	0,304
CHR3	8215533	CHR3:8215533	SSF x LoA	-8,74595482	0,070	0,294
CHR3	8215569	CHR3:8215569	SSF x LoA	-9,09110694	-0,053	0,304
CHR3	8215577	CHR3:8215577	SSF x LoA	-8,29191736	-0,022	0,305
CHR3	8238680	CHR3:8238680	SSF x LoA	-10,0126036	-0,055	0,305
CHR3	8238735	CHR3:8238735	SSF x LoA	-8,14954538	0,065	0,309
CHR3	8239358	CHR3:8239358	SSF x LoA	-7,66071807	0,084	0,307
CHR3	8239368	CHR3:8239368	SSF x LoA	-8,75087244	-0,032	0,309
CHR3	8244449	CHR3:8244449	SSF x LoA	-9,38032591	0,050	0,314
CHR3	8260564	CHR3:8260564	SSF x LoA	-8,81482607	0,015	0,308
CHR3	8260578	CHR3:8260578	SSF x LoA	-9,1261703	0,059	0,309
CHR3	8260584	CHR3:8260584	SSF x LoA	-9,76285819	-0,018	0,289
CHR3	8260630	CHR3:8260630	SSF x LoA	-8,11610468	0,026	0,304
CHR3	8260639	CHR3:8260639	SSF x LoA	-8,15936823	0,037	0,296
CHR3	8260654	CHR3:8260654	SSF x LoA	-9,48596808	-0,015	0,292
CHR3	8260659	CHR3:8260659	SSF x LoA	-10,7173877	0,002	0,314
CHR3	8260748	CHR3:8260748	SSF x LoA	-8,58543812	-0,112	0,297
CHR3	8264209	CHR3:8264209	SSF x LoA	-11,2248871	-0,052	0,311
CHR3	8264297	CHR3:8264297	SSF x LoA	-8,75172798	-0,059	0,306
CHR3	8264352	CHR3:8264352	SSF x LoA	-7,77002663	0,057	0,310
CHR3	8264366	CHR3:8264366	SSF x LoA	-8,145697	0,106	0,302
CHR3	8264370	CHR3:8264370	SSF x LoA	-8,19366303	0,065	0,292
CHR3	8264420	CHR3:8264420	SSF x LoA	-9,86486749	-0,084	0,324
CHR3	8264437	CHR3:8264437	SSF x LoA	-8,73396509	-0,098	0,300
CHR3	8273703	CHR3:8273703	SSF x LoA	-5,34912027	-0,126	0,304

CHR3	8273716	CHR3:8273716	SSF x LoA	-10,9758019	-0,114	0,295
CHR3	8273865	CHR3:8273865	SSF x LoA	-6,10533636	-0,106	0,295
CHR3	8273880	CHR3:8273880	SSF x LoA	-10,8985982	-0,115	0,306
CHR3	8288624	CHR3:8288624	SSF x LoA	-5,81087659	-0,043	0,302
CHR3	8296994	CHR3:8296994	SSF x LoA	-8,59149101	-0,079	0,299
CHR3	8297009	CHR3:8297009	SSF x LoA	-9,71562281	-0,048	0,305
CHR3	8307619	CHR3:8307619	SSF x LoA	-7,11895571	0,099	0,308
CHR3	8319055	CHR3:8319055	SSF x LoA	-9,9016548	0,066	0,303
CHR3	8325074	CHR3:8325074	SSF x LoA	-8,56826812	0,000	0,322
CHR3	8325115	CHR3:8325115	SSF x LoA	-8,65265791	0,041	0,316
CHR3	8333359	CHR3:8333359	SSF x LoA	-11,7340955	-0,042	0,305
CHR3	8339099	CHR3:8339099	SSF x LoA	-9,26022709	0,021	0,321
CHR3	8339102	CHR3:8339102	SSF x LoA	-10,2622131	0,073	0,305
CHR3	835322	CHR3:835322	SSF x LoA	-11,7343958	-0,018	0,281
CHR3	835340	CHR3:835340	SSF x LoA	-11,2297509	0,067	0,305
CHR3	835409	CHR3:835409	SSF x LoA	-8,67472271	-0,031	0,307
CHR3	8382667	CHR3:8382667	SSF x LoA	-10,7892822	0,029	0,303
CHR3	8388495	CHR3:8388495	SSF x LoA	-10,4754758	0,059	0,321
CHR3	8388525	CHR3:8388525	SSF x LoA	-9,81513844	0,071	0,314
CHR3	840413	CHR3:840413	SSF x LoA	-9,026468	-0,123	0,301
CHR3	840417	CHR3:840417	SSF x LoA	-7,99673179	-0,135	0,302
CHR3	840471	CHR3:840471	SSF x LoA	-8,96934544	-0,076	0,305
CHR3	8408539	CHR3:8408539	SSF x LoA	-10,424299	0,104	0,321
CHR3	8408563	CHR3:8408563	SSF x LoA	-11,5162674	-0,068	0,308
CHR3	8408568	CHR3:8408568	SSF x LoA	-10,2385111	-0,029	0,309
CHR3	8408612	CHR3:8408612	SSF x LoA	-10,3710752	0,008	0,318
CHR3	8408841	CHR3:8408841	SSF x LoA	-11,7618509	0,008	0,300
CHR3	8417695	CHR3:8417695	SSF x LoA	-8,81656322	0,081	0,314
CHR3	8417809	CHR3:8417809	SSF x LoA	-10,326612	0,001	0,303
CHR3	8417884	CHR3:8417884	SSF x LoA	-8,87440822	0,140	0,302
CHR3	8417915	CHR3:8417915	SSF x LoA	-8,01190749	-0,019	0,321
CHR3	8429533	CHR3:8429533	SSF x LoA	-10,3919232	-0,017	0,299
CHR3	8429593	CHR3:8429593	SSF x LoA	-5,54588939	-0,123	0,313
CHR3	8429597	CHR3:8429597	SSF x LoA	-11,0124854	-0,025	0,294
CHR3	8429603	CHR3:8429603	SSF x LoA	-8,44423502	-0,139	0,304
CHR3	8429612	CHR3:8429612	SSF x LoA	-7,57564244	0,152	0,307
CHR3	8429667	CHR3:8429667	SSF x LoA	-7,48393597	-0,043	0,317
CHR3	8434138	CHR3:8434138	SSF x LoA	-11,3639556	0,030	0,301
CHR3	8434146	CHR3:8434146	SSF x LoA	-6,57966354	-0,085	0,300
CHR3	8434220	CHR3:8434220	SSF x LoA	-6,46868667	-0,134	0,315
CHR3	8434234	CHR3:8434234	SSF x LoA	-4,19666882	-0,176	0,298
CHR3	8434314	CHR3:8434314	SSF x LoA	-9,61991906	0,053	0,314
CHR3	8438643	CHR3:8438643	SSF x LoA	-9,54427049	-0,051	0,304
CHR3	8438733	CHR3:8438733	SSF x LoA	-8,15809042	0,123	0,314
CHR3	8438739	CHR3:8438739	SSF x LoA	-11,0327996	-0,026	0,302
CHR3	8441096	CHR3:8441096	SSF x LoA	-9,36679115	0,141	0,303
CHR3	8441110	CHR3:8441110	SSF x LoA	-6,63483808	-0,155	0,311
CHR3	8441115	CHR3:8441115	SSF x LoA	-11,8243635	0,001	0,300
CHR3	8441154	CHR3:8441154	SSF x LoA	-10,021433	-0,024	0,319
CHR3	8441587	CHR3:8441587	SSF x LoA	-8,8865513	-0,016	0,316
CHR3	8444733	CHR3:8444733	SSF x LoA	-10,300797	-0,103	0,301
CHR3	8444964	CHR3:8444964	SSF x LoA	-10,4911668	0,039	0,309
CHR3	8444967	CHR3:8444967	SSF x LoA	-0,04850009	0,119	0,315

CHR3	8458831	CHR3:8458831	SSF x LoA	-9,96630914	0,059	0,298
CHR3	8462740	CHR3:8462740	SSF x LoA	-9,97273685	-0,070	0,307
CHR3	8462784	CHR3:8462784	SSF x LoA	-10,4380906	0,040	0,300
CHR3	8462804	CHR3:8462804	SSF x LoA	0,08194676	-0,141	0,304
CHR3	8462807	CHR3:8462807	SSF x LoA	-8,49349803	-0,076	0,306
CHR3	8462818	CHR3:8462818	SSF x LoA	-8,18087373	-0,010	0,320
CHR3	8462922	CHR3:8462922	SSF x LoA	-10,500911	-0,039	0,304
CHR3	8474032	CHR3:8474032	SSF x LoA	-9,46532734	-0,083	0,305
CHR3	8487055	CHR3:8487055	SSF x LoA	-7,9011362	-0,026	0,303
CHR3	8487062	CHR3:8487062	SSF x LoA	-9,7040391	-0,079	0,305
CHR3	8487072	CHR3:8487072	SSF x LoA	-5,68213532	-0,070	0,309
CHR3	8487073	CHR3:8487073	SSF x LoA	-9,62553184	-0,075	0,305
CHR3	8487083	CHR3:8487083	SSF x LoA	-7,39371283	-0,096	0,301
CHR3	8487092	CHR3:8487092	SSF x LoA	-9,47295852	-0,127	0,309
CHR3	8487111	CHR3:8487111	SSF x LoA	-9,45935503	-0,116	0,296
CHR3	8487170	CHR3:8487170	SSF x LoA	-5,82735915	-0,160	0,306
CHR3	8487183	CHR3:8487183	SSF x LoA	-4,79730989	0,152	0,314
CHR3	8487212	CHR3:8487212	SSF x LoA	-6,63598688	0,168	0,297
CHR3	8488312	CHR3:8488312	SSF x LoA	-11,3235919	-0,009	0,315
CHR3	8488334	CHR3:8488334	SSF x LoA	-8,99718916	-0,072	0,318
CHR3	8488339	CHR3:8488339	SSF x LoA	-7,75463365	-0,017	0,315
CHR3	8488417	CHR3:8488417	SSF x LoA	-8,87209209	0,013	0,286
CHR3	8494873	CHR3:8494873	SSF x LoA	-8,13136898	0,158	0,298
CHR3	8503331	CHR3:8503331	SSF x LoA	-7,98855677	0,096	0,311
CHR3	8503357	CHR3:8503357	SSF x LoA	-9,04962701	-0,083	0,304
CHR3	8509323	CHR3:8509323	SSF x LoA	-9,07288682	-0,071	0,308
CHR3	8509372	CHR3:8509372	SSF x LoA	-8,74789936	-0,055	0,300
CHR3	8509410	CHR3:8509410	SSF x LoA	-10,0512562	-0,063	0,305
CHR3	8509424	CHR3:8509424	SSF x LoA	-8,46866072	-0,019	0,322
CHR3	8509478	CHR3:8509478	SSF x LoA	-9,07611728	-0,048	0,315
CHR3	8511212	CHR3:8511212	SSF x LoA	-9,43722015	0,041	0,309
CHR3	8511215	CHR3:8511215	SSF x LoA	-10,3092045	0,009	0,314
CHR3	8512387	CHR3:8512387	SSF x LoA	-9,32345259	0,004	0,317
CHR3	8512428	CHR3:8512428	SSF x LoA	-6,64796515	-0,047	0,307
CHR3	8521390	CHR3:8521390	SSF x LoA	-7,2781578	-0,093	0,295
CHR3	8521458	CHR3:8521458	SSF x LoA	-9,30409605	-0,052	0,294
CHR3	8528929	CHR3:8528929	SSF x LoA	-9,69814081	0,064	0,299
CHR3	8528957	CHR3:8528957	SSF x LoA	-9,59981684	0,034	0,296
CHR3	8529032	CHR3:8529032	SSF x LoA	-9,14535476	0,074	0,310
CHR3	8537821	CHR3:8537821	SSF x LoA	-2,62727078	0,087	0,300
CHR3	8537867	CHR3:8537867	SSF x LoA	-8,22923361	-0,129	0,295
CHR3	8537906	CHR3:8537906	SSF x LoA	-9,07679829	-0,034	0,316
CHR3	8537907	CHR3:8537907	SSF x LoA	-9,80994716	-0,015	0,307
CHR3	8537909	CHR3:8537909	SSF x LoA	-9,1743379	-0,184	0,306
CHR3	8537922	CHR3:8537922	SSF x LoA	-8,65850894	0,070	0,319
CHR3	8537977	CHR3:8537977	SSF x LoA	-8,43400907	-0,059	0,306
CHR3	8537980	CHR3:8537980	SSF x LoA	-9,92655248	-0,078	0,293
CHR3	8543449	CHR3:8543449	SSF x LoA	-6,15565363	-0,097	0,295
CHR3	8546224	CHR3:8546224	SSF x LoA	-11,0212649	-0,080	0,314
CHR3	8546253	CHR3:8546253	SSF x LoA	-8,97932903	-0,021	0,306
CHR3	8547209	CHR3:8547209	SSF x LoA	-9,16244433	0,088	0,299
CHR3	8547382	CHR3:8547382	SSF x LoA	-6,06193958	0,164	0,291
CHR3	8547384	CHR3:8547384	SSF x LoA	-10,0300176	0,020	0,300

CHR3	8547458	CHR3:8547458	SSF x LoA	-10,4345691	0,044	0,320
CHR3	8556842	CHR3:8556842	SSF x LoA	-10,5140582	0,050	0,315
CHR3	8556846	CHR3:8556846	SSF x LoA	-9,46216065	-0,017	0,307
CHR3	8556882	CHR3:8556882	SSF x LoA	-8,93765743	-0,077	0,311
CHR3	8566382	CHR3:8566382	SSF x LoA	-10,6091641	0,091	0,316
CHR3	8566475	CHR3:8566475	SSF x LoA	-7,06898553	-0,229	0,297
CHR3	8566478	CHR3:8566478	SSF x LoA	-12,4747855	-0,020	0,289
CHR3	8566551	CHR3:8566551	SSF x LoA	-4,8014125	-0,051	0,312
CHR3	8566553	CHR3:8566553	SSF x LoA	-9,07354697	0,069	0,307
CHR3	8566591	CHR3:8566591	SSF x LoA	-8,58545458	0,063	0,300
CHR3	8566627	CHR3:8566627	SSF x LoA	-8,37835959	-0,017	0,311
CHR3	8572942	CHR3:8572942	SSF x LoA	-10,5098747	-0,028	0,297
CHR3	8572983	CHR3:8572983	SSF x LoA	-8,74425029	-0,093	0,307
CHR3	8572996	CHR3:8572996	SSF x LoA	-9,64285569	0,009	0,296
CHR3	8573040	CHR3:8573040	SSF x LoA	-8,17641904	0,030	0,320
CHR3	8576836	CHR3:8576836	SSF x LoA	-7,56670357	-0,113	0,308
CHR3	8576867	CHR3:8576867	SSF x LoA	-5,03414479	-0,112	0,305
CHR3	8576884	CHR3:8576884	SSF x LoA	-9,90297864	-0,062	0,314
CHR3	8576893	CHR3:8576893	SSF x LoA	-9,54753717	-0,026	0,311
CHR3	8582510	CHR3:8582510	SSF x LoA	-9,7113952	-0,112	0,297
CHR3	8582655	CHR3:8582655	SSF x LoA	-7,17064364	-0,029	0,298
CHR3	8582673	CHR3:8582673	SSF x LoA	-10,8815504	0,041	0,294
CHR3	8582762	CHR3:8582762	SSF x LoA	-6,74312509	0,141	0,300
CHR3	8589763	CHR3:8589763	SSF x LoA	-7,39941819	-0,053	0,296
CHR3	8589779	CHR3:8589779	SSF x LoA	-7,73720615	-0,074	0,302
CHR3	8589802	CHR3:8589802	SSF x LoA	-9,18122419	-0,049	0,303
CHR3	8589810	CHR3:8589810	SSF x LoA	-10,6678201	0,163	0,286
CHR3	8589959	CHR3:8589959	SSF x LoA	-9,47618919	-0,037	0,308
CHR3	8590005	CHR3:8590005	SSF x LoA	-9,79102134	-0,001	0,314
CHR3	8594881	CHR3:8594881	SSF x LoA	-11,2843991	0,066	0,302
CHR3	8596687	CHR3:8596687	SSF x LoA	-9,290874	-0,054	0,310
CHR3	8596703	CHR3:8596703	SSF x LoA	-9,15337903	-0,018	0,315
CHR3	8596778	CHR3:8596778	SSF x LoA	-9,10622236	0,034	0,303
CHR3	8597523	CHR3:8597523	SSF x LoA	-11,4683384	-0,009	0,302
CHR3	8597530	CHR3:8597530	SSF x LoA	-10,2209672	0,086	0,309
CHR3	8599459	CHR3:8599459	SSF x LoA	-8,05666544	0,051	0,303
CHR3	8599490	CHR3:8599490	SSF x LoA	-8,22327839	-0,157	0,300
CHR3	8599549	CHR3:8599549	SSF x LoA	-9,98363619	0,029	0,304
CHR3	8602076	CHR3:8602076	SSF x LoA	-7,84015072	0,101	0,304
CHR3	8602116	CHR3:8602116	SSF x LoA	-10,8481077	0,004	0,304
CHR3	8602123	CHR3:8602123	SSF x LoA	-9,82099299	-0,092	0,308
CHR3	8602246	CHR3:8602246	SSF x LoA	-11,4053098	0,036	0,291
CHR3	8602265	CHR3:8602265	SSF x LoA	-10,7510767	-0,022	0,318
CHR3	8602267	CHR3:8602267	SSF x LoA	-8,66398232	-0,005	0,315
CHR3	8602335	CHR3:8602335	SSF x LoA	-11,0542688	0,004	0,303
CHR3	8604890	CHR3:8604890	SSF x LoA	-9,18249461	0,014	0,308
CHR3	8604951	CHR3:8604951	SSF x LoA	-11,0778535	-0,033	0,312
CHR3	8612971	CHR3:8612971	SSF x LoA	-9,33818678	-0,057	0,316
CHR3	8612977	CHR3:8612977	SSF x LoA	-10,0498863	0,007	0,323
CHR3	8612984	CHR3:8612984	SSF x LoA	-9,33829864	-0,034	0,323
CHR3	8617728	CHR3:8617728	SSF x LoA	-10,4780858	-0,011	0,300
CHR3	8617816	CHR3:8617816	SSF x LoA	-10,1973986	0,140	0,304
CHR3	8617817	CHR3:8617817	SSF x LoA	-10,0486938	0,148	0,313

CHR3	8617845	CHR3:8617845	SSF x LoA	-10,0311425	0,076	0,301
CHR3	8617865	CHR3:8617865	SSF x LoA	-10,0682351	-0,023	0,314
CHR3	8617874	CHR3:8617874	SSF x LoA	-10,0989899	-0,011	0,313
CHR3	8619706	CHR3:8619706	SSF x LoA	-7,9710327	0,067	0,304
CHR3	8619723	CHR3:8619723	SSF x LoA	-9,03299495	-0,051	0,317
CHR3	8624795	CHR3:8624795	SSF x LoA	-6,75555952	-0,035	0,312
CHR3	8624808	CHR3:8624808	SSF x LoA	-7,89231403	0,088	0,304
CHR3	8624853	CHR3:8624853	SSF x LoA	-9,35473415	0,006	0,319
CHR3	863162	CHR3:863162	SSF x LoA	-8,81409766	-0,006	0,313
CHR3	863167	CHR3:863167	SSF x LoA	-9,2267694	-0,019	0,304
CHR3	8636827	CHR3:8636827	SSF x LoA	-8,41863088	-0,102	0,302
CHR3	8637080	CHR3:8637080	SSF x LoA	-5,0675109	-0,123	0,314
CHR3	8642450	CHR3:8642450	SSF x LoA	-9,04544808	-0,104	0,301
CHR3	8642492	CHR3:8642492	SSF x LoA	-8,851601	-0,128	0,307
CHR3	8646947	CHR3:8646947	SSF x LoA	-9,45797824	-0,013	0,288
CHR3	8646948	CHR3:8646948	SSF x LoA	-7,36694309	-0,134	0,300
CHR3	8646982	CHR3:8646982	SSF x LoA	-4,50814114	-0,216	0,302
CHR3	8647899	CHR3:8647899	SSF x LoA	-10,7911132	-0,003	0,312
CHR3	8647980	CHR3:8647980	SSF x LoA	-10,2319767	-0,031	0,306
CHR3	8654545	CHR3:8654545	SSF x LoA	-9,76972252	0,005	0,305
CHR3	8658852	CHR3:8658852	SSF x LoA	-10,2514111	-0,145	0,285
CHR3	8658881	CHR3:8658881	SSF x LoA	-8,15352088	-0,159	0,300
CHR3	8660432	CHR3:8660432	SSF x LoA	-8,76543013	-0,022	0,315
CHR3	8662586	CHR3:8662586	SSF x LoA	-8,51176358	-0,010	0,324
CHR3	8662666	CHR3:8662666	SSF x LoA	-9,1045922	-0,071	0,299
CHR3	8662667	CHR3:8662667	SSF x LoA	-9,37347575	-0,013	0,313
CHR3	8669851	CHR3:8669851	SSF x LoA	-9,35355991	-0,056	0,313
CHR3	8674373	CHR3:8674373	SSF x LoA	-8,36535702	-0,091	0,315
CHR3	8674424	CHR3:8674424	SSF x LoA	-10,8462343	0,120	0,298
CHR3	8674425	CHR3:8674425	SSF x LoA	-9,57537061	0,057	0,303
CHR3	8674519	CHR3:8674519	SSF x LoA	-7,8239065	-0,136	0,288
CHR3	8674555	CHR3:8674555	SSF x LoA	-9,91546158	-0,063	0,318
CHR3	8674564	CHR3:8674564	SSF x LoA	-7,06514049	0,106	0,300
CHR3	8674634	CHR3:8674634	SSF x LoA	-7,24819048	-0,070	0,317
CHR3	8677542	CHR3:8677542	SSF x LoA	-10,3731831	-0,111	0,312
CHR3	8677634	CHR3:8677634	SSF x LoA	-9,29685825	-0,014	0,305
CHR3	8686940	CHR3:8686940	SSF x LoA	-8,67533852	-0,163	0,288
CHR3	8687007	CHR3:8687007	SSF x LoA	-11,5642582	0,029	0,304
CHR3	8687076	CHR3:8687076	SSF x LoA	-11,832107	0,006	0,310
CHR3	8687104	CHR3:8687104	SSF x LoA	-10,658923	0,049	0,308
CHR3	8689213	CHR3:8689213	SSF x LoA	-10,2272282	-0,022	0,303
CHR3	8689263	CHR3:8689263	SSF x LoA	-10,3090039	0,018	0,307
CHR3	8689292	CHR3:8689292	SSF x LoA	-9,31620767	-0,046	0,318
CHR3	8689295	CHR3:8689295	SSF x LoA	-8,32948355	-0,042	0,314
CHR3	8694953	CHR3:8694953	SSF x LoA	-7,27737541	-0,152	0,307
CHR3	8694977	CHR3:8694977	SSF x LoA	-10,948636	-0,015	0,302
CHR3	8694983	CHR3:8694983	SSF x LoA	-9,77225869	0,034	0,318
CHR3	8695047	CHR3:8695047	SSF x LoA	-12,3570943	0,016	0,306
CHR3	8695094	CHR3:8695094	SSF x LoA	-7,65462905	0,043	0,305
CHR3	8695101	CHR3:8695101	SSF x LoA	-8,7441463	0,094	0,311
CHR3	8695109	CHR3:8695109	SSF x LoA	-7,97091064	-0,145	0,290
CHR3	8695144	CHR3:8695144	SSF x LoA	-6,35343464	-0,016	0,304
CHR3	869593	CHR3:869593	SSF x LoA	-6,99053727	0,062	0,307

CHR3	869597	CHR3:869597	SSF x LoA	-7,04337516	0,126	0,308
CHR3	869598	CHR3:869598	SSF x LoA	-8,34008512	0,091	0,305
CHR3	869612	CHR3:869612	SSF x LoA	-9,14927119	0,100	0,296
CHR3	869613	CHR3:869613	SSF x LoA	-9,09869236	0,085	0,307
CHR3	869619	CHR3:869619	SSF x LoA	-9,32245667	0,079	0,310
CHR3	8698562	CHR3:8698562	SSF x LoA	-7,35273222	0,020	0,327
CHR3	8698645	CHR3:8698645	SSF x LoA	-9,39381593	0,032	0,307
CHR3	8698682	CHR3:8698682	SSF x LoA	-10,5705565	-0,014	0,301
CHR3	8699048	CHR3:8699048	SSF x LoA	-7,82223038	-0,054	0,298
CHR3	8699066	CHR3:8699066	SSF x LoA	-8,53846471	0,111	0,311
CHR3	8699080	CHR3:8699080	SSF x LoA	-9,32939163	0,100	0,312
CHR3	8699126	CHR3:8699126	SSF x LoA	-10,2324063	0,010	0,304
CHR3	8707839	CHR3:8707839	SSF x LoA	-10,660017	0,013	0,293
CHR3	8707847	CHR3:8707847	SSF x LoA	-11,0461535	0,017	0,308
CHR3	8707872	CHR3:8707872	SSF x LoA	-8,6240734	-0,026	0,309
CHR3	8707879	CHR3:8707879	SSF x LoA	-10,9874523	0,026	0,301
CHR3	8707927	CHR3:8707927	SSF x LoA	-8,36886636	-0,033	0,319
CHR3	8713786	CHR3:8713786	SSF x LoA	-8,861225	-0,004	0,323
CHR3	8713789	CHR3:8713789	SSF x LoA	-10,1097888	0,041	0,312
CHR3	8713794	CHR3:8713794	SSF x LoA	-8,73670941	0,085	0,317
CHR3	8725269	CHR3:8725269	SSF x LoA	-6,31091232	0,191	0,281
CHR3	8725356	CHR3:8725356	SSF x LoA	-7,12271104	0,149	0,306
CHR3	8750105	CHR3:8750105	SSF x LoA	-9,77426736	-0,003	0,322
CHR3	8755160	CHR3:8755160	SSF x LoA	-8,45558284	-0,038	0,300
CHR3	875674	CHR3:875674	SSF x LoA	-9,77774353	-0,048	0,311
CHR3	8780998	CHR3:8780998	SSF x LoA	-9,30063264	0,097	0,288
CHR3	8781003	CHR3:8781003	SSF x LoA	-7,14783572	0,083	0,292
CHR3	8781061	CHR3:8781061	SSF x LoA	-7,55091564	0,146	0,312
CHR3	8781063	CHR3:8781063	SSF x LoA	-8,82024088	-0,147	0,304
CHR3	8789172	CHR3:8789172	SSF x LoA	-4,46051037	0,062	0,304
CHR3	879314	CHR3:879314	SSF x LoA	-11,9767351	-0,059	0,289
CHR3	8793192	CHR3:8793192	SSF x LoA	-9,64737827	-0,127	0,308
CHR3	8794284	CHR3:8794284	SSF x LoA	-8,23137122	0,068	0,297
CHR3	8796964	CHR3:8796964	SSF x LoA	-9,43580475	0,041	0,315
CHR3	8797006	CHR3:8797006	SSF x LoA	-8,71960781	-0,031	0,315
CHR3	8803197	CHR3:8803197	SSF x LoA	-11,1105164	0,021	0,318
CHR3	8803201	CHR3:8803201	SSF x LoA	-11,336929	0,005	0,314
CHR3	8803210	CHR3:8803210	SSF x LoA	-6,20701297	0,110	0,310
CHR3	8803267	CHR3:8803267	SSF x LoA	-9,29980974	0,091	0,294
CHR3	8803359	CHR3:8803359	SSF x LoA	-8,81676595	-0,057	0,306
CHR3	8803367	CHR3:8803367	SSF x LoA	-5,05799706	-0,087	0,318
CHR3	8813738	CHR3:8813738	SSF x LoA	-8,15217464	0,029	0,301
CHR3	8813999	CHR3:8813999	SSF x LoA	-11,7196165	0,005	0,301
CHR3	8814002	CHR3:8814002	SSF x LoA	-11,2925556	-0,032	0,314
CHR3	8814067	CHR3:8814067	SSF x LoA	-8,21583164	-0,005	0,318
CHR3	8814080	CHR3:8814080	SSF x LoA	-3,06521943	0,108	0,313
CHR3	8814087	CHR3:8814087	SSF x LoA	-7,25210937	0,097	0,298
CHR3	8814139	CHR3:8814139	SSF x LoA	-10,7073244	-0,006	0,303
CHR3	8820507	CHR3:8820507	SSF x LoA	-7,82852737	-0,007	0,300
CHR3	8820581	CHR3:8820581	SSF x LoA	-9,60261614	0,023	0,310
CHR3	8820694	CHR3:8820694	SSF x LoA	-9,54331965	-0,064	0,307
CHR3	8826430	CHR3:8826430	SSF x LoA	-9,05807468	-0,129	0,297
CHR3	8826431	CHR3:8826431	SSF x LoA	-8,30228526	-0,028	0,310

CHR3	8826549	CHR3:8826549	SSF x LoA	-6,39109103	0,094	0,317
CHR3	8826550	CHR3:8826550	SSF x LoA	-8,74579645	-0,004	0,318
CHR3	8832487	CHR3:8832487	SSF x LoA	-5,39269506	-0,151	0,313
CHR3	8832492	CHR3:8832492	SSF x LoA	-9,21641614	0,110	0,314
CHR3	8832575	CHR3:8832575	SSF x LoA	-8,26186082	0,095	0,309
CHR3	883445	CHR3:883445	SSF x LoA	-8,04530179	0,137	0,305
CHR3	883727	CHR3:883727	SSF x LoA	-8,4367787	-0,121	0,305
CHR3	883762	CHR3:883762	SSF x LoA	-7,77127282	-0,086	0,304
CHR3	883832	CHR3:883832	SSF x LoA	-7,65706207	-0,098	0,277
CHR3	8848024	CHR3:8848024	SSF x LoA	-10,1395962	0,000	0,299
CHR3	8848096	CHR3:8848096	SSF x LoA	-9,06419298	0,102	0,287
CHR3	8859272	CHR3:8859272	SSF x LoA	-10,4589213	-0,011	0,296
CHR3	8866796	CHR3:8866796	SSF x LoA	-11,0201806	0,040	0,313
CHR3	8866800	CHR3:8866800	SSF x LoA	-11,6315529	0,070	0,302
CHR3	8866818	CHR3:8866818	SSF x LoA	-12,0141422	-0,009	0,311
CHR3	8866853	CHR3:8866853	SSF x LoA	-11,2868824	-0,084	0,307
CHR3	8903998	CHR3:8903998	SSF x LoA	-7,70662684	0,173	0,304
CHR3	8904073	CHR3:8904073	SSF x LoA	-11,4325678	-0,059	0,307
CHR3	8904130	CHR3:8904130	SSF x LoA	-8,21959537	-0,154	0,312
CHR3	8904132	CHR3:8904132	SSF x LoA	-9,06616816	-0,137	0,316
CHR3	8904156	CHR3:8904156	SSF x LoA	-8,01059331	-0,063	0,305
CHR3	890749	CHR3:890749	SSF x LoA	-8,72500127	0,030	0,324
CHR3	8924963	CHR3:8924963	SSF x LoA	-9,2717525	0,013	0,303
CHR3	8925063	CHR3:8925063	SSF x LoA	-11,5087628	0,017	0,295
CHR3	8925107	CHR3:8925107	SSF x LoA	-10,1419111	0,032	0,316
CHR3	8925122	CHR3:8925122	SSF x LoA	-10,7895251	-0,062	0,310
CHR3	8929261	CHR3:8929261	SSF x LoA	-11,6305915	-0,014	0,312
CHR3	8929431	CHR3:8929431	SSF x LoA	-9,53055529	0,134	0,296
CHR3	8929465	CHR3:8929465	SSF x LoA	-3,27566827	-0,127	0,299
CHR3	8930480	CHR3:8930480	SSF x LoA	-8,51359405	0,075	0,306
CHR3	8930481	CHR3:8930481	SSF x LoA	-9,01760612	0,030	0,301
CHR3	8937790	CHR3:8937790	SSF x LoA	-12,3585964	-0,004	0,304
CHR3	8937795	CHR3:8937795	SSF x LoA	-7,32602374	0,033	0,321
CHR3	8940483	CHR3:8940483	SSF x LoA	-8,22690327	-0,065	0,281
CHR3	8940489	CHR3:8940489	SSF x LoA	-8,73946892	-0,034	0,298
CHR3	8940499	CHR3:8940499	SSF x LoA	-10,2946671	-0,031	0,312
CHR3	8940534	CHR3:8940534	SSF x LoA	-9,99860383	-0,001	0,310
CHR3	8942824	CHR3:8942824	SSF x LoA	-9,75251815	0,097	0,310
CHR3	8942946	CHR3:8942946	SSF x LoA	-7,96734649	-0,080	0,304
CHR3	8959604	CHR3:8959604	SSF x LoA	-10,3687063	0,053	0,316
CHR3	8959627	CHR3:8959627	SSF x LoA	-8,40716319	-0,048	0,309
CHR3	8966552	CHR3:8966552	SSF x LoA	-6,83177605	0,160	0,304
CHR3	8966720	CHR3:8966720	SSF x LoA	-10,6152362	-0,072	0,304
CHR3	8966772	CHR3:8966772	SSF x LoA	-10,391706	-0,011	0,309
CHR3	8973411	CHR3:8973411	SSF x LoA	-10,1459465	-0,077	0,298
CHR3	8973414	CHR3:8973414	SSF x LoA	-8,95273502	0,039	0,305
CHR3	8973442	CHR3:8973442	SSF x LoA	-10,5090811	-0,065	0,309
CHR3	8978703	CHR3:8978703	SSF x LoA	-10,4473495	0,030	0,306
CHR3	8978793	CHR3:8978793	SSF x LoA	-11,776183	-0,083	0,303
CHR3	8978902	CHR3:8978902	SSF x LoA	-10,0593066	0,052	0,310
CHR3	8994793	CHR3:8994793	SSF x LoA	-9,15315362	-0,014	0,311
CHR3	8994799	CHR3:8994799	SSF x LoA	-10,9151821	-0,062	0,299
CHR3	8994960	CHR3:8994960	SSF x LoA	-10,1001676	-0,070	0,317

CHR3	8994981	CHR3:8994981	SSF x LoA	-9,06236606	0,004	0,296
CHR3	9003326	CHR3:9003326	SSF x LoA	-3,41111457	0,090	0,302
CHR3	9005424	CHR3:9005424	SSF x LoA	-9,72323362	0,062	0,299
CHR3	9005437	CHR3:9005437	SSF x LoA	-7,81231888	0,006	0,308
CHR3	9005455	CHR3:9005455	SSF x LoA	-11,1243725	-0,143	0,315
CHR3	9005477	CHR3:9005477	SSF x LoA	-10,2401702	0,037	0,302
CHR3	9005495	CHR3:9005495	SSF x LoA	-6,69788032	0,217	0,284
CHR3	9005512	CHR3:9005512	SSF x LoA	-7,61032767	-0,046	0,319
CHR3	9005544	CHR3:9005544	SSF x LoA	-8,54698382	-0,101	0,299
CHR3	9014244	CHR3:9014244	SSF x LoA	-8,36551633	0,080	0,297
CHR3	9014578	CHR3:9014578	SSF x LoA	-9,72117967	-0,092	0,291
CHR3	9014581	CHR3:9014581	SSF x LoA	-8,16345419	0,142	0,300
CHR3	9014589	CHR3:9014589	SSF x LoA	-10,4409416	0,043	0,304
CHR3	9023394	CHR3:9023394	SSF x LoA	-10,1784208	-0,046	0,305
CHR3	9023438	CHR3:9023438	SSF x LoA	-3,74328566	0,056	0,301
CHR3	9023564	CHR3:9023564	SSF x LoA	-10,1797104	-0,066	0,309
CHR3	9023565	CHR3:9023565	SSF x LoA	-11,709722	0,000	0,299
CHR3	9023735	CHR3:9023735	SSF x LoA	-11,2195814	-0,009	0,305
CHR3	9029979	CHR3:9029979	SSF x LoA	-10,6235222	0,074	0,314
CHR3	9030035	CHR3:9030035	SSF x LoA	-8,05301028	-0,124	0,313
CHR3	9034362	CHR3:9034362	SSF x LoA	-10,603449	-0,118	0,301
CHR3	9042673	CHR3:9042673	SSF x LoA	-8,2944694	-0,007	0,307
CHR3	9042758	CHR3:9042758	SSF x LoA	-11,0102557	0,032	0,309
CHR3	9042759	CHR3:9042759	SSF x LoA	-9,26388693	0,053	0,317
CHR3	9045526	CHR3:9045526	SSF x LoA	-8,41051261	0,106	0,311
CHR3	9045530	CHR3:9045530	SSF x LoA	-10,3333715	-0,037	0,303
CHR3	9045552	CHR3:9045552	SSF x LoA	-9,18006944	0,097	0,308
CHR3	9045783	CHR3:9045783	SSF x LoA	-11,7793931	0,056	0,303
CHR3	9045784	CHR3:9045784	SSF x LoA	-10,8883534	0,042	0,300
CHR3	9048662	CHR3:9048662	SSF x LoA	-8,56965662	0,021	0,305
CHR3	9048698	CHR3:9048698	SSF x LoA	-8,67630374	-0,070	0,293
CHR3	9053954	CHR3:9053954	SSF x LoA	-10,5109933	-0,026	0,297
CHR3	9053976	CHR3:9053976	SSF x LoA	-9,10082669	-0,030	0,305
CHR3	9053984	CHR3:9053984	SSF x LoA	-9,26745098	-0,091	0,307
CHR3	9053986	CHR3:9053986	SSF x LoA	-10,0044016	-0,032	0,309
CHR3	9054005	CHR3:9054005	SSF x LoA	-10,6234644	-0,054	0,309
CHR3	9054045	CHR3:9054045	SSF x LoA	-8,32784339	0,003	0,318
CHR3	9054064	CHR3:9054064	SSF x LoA	-7,58564115	0,066	0,298
CHR3	9058186	CHR3:9058186	SSF x LoA	-10,6138443	0,050	0,303
CHR3	9058433	CHR3:9058433	SSF x LoA	-7,88285401	-0,056	0,308
CHR3	90600	CHR3:90600	SSF x LoA	-9,9295118	-0,040	0,310
CHR3	9062202	CHR3:9062202	SSF x LoA	-5,1053358	-0,044	0,312
CHR3	9062230	CHR3:9062230	SSF x LoA	-8,16895699	-0,065	0,300
CHR3	9066234	CHR3:9066234	SSF x LoA	-10,2395717	0,072	0,305
CHR3	9066235	CHR3:9066235	SSF x LoA	-5,18196234	0,093	0,303
CHR3	9066236	CHR3:9066236	SSF x LoA	-9,35954942	0,093	0,302
CHR3	9066297	CHR3:9066297	SSF x LoA	-10,2598713	-0,070	0,329
CHR3	9070819	CHR3:9070819	SSF x LoA	3,77734035	-0,100	0,296
CHR3	9075389	CHR3:9075389	SSF x LoA	-6,2100006	-0,082	0,305
CHR3	9075433	CHR3:9075433	SSF x LoA	-7,78646154	-0,097	0,298
CHR3	9075436	CHR3:9075436	SSF x LoA	-6,97863046	-0,073	0,319
CHR3	9075510	CHR3:9075510	SSF x LoA	-9,07936629	-0,043	0,299
CHR3	9079689	CHR3:9079689	SSF x LoA	-11,2694488	-0,002	0,317

CHR3	9079768	CHR3:9079768	SSF x LoA	-9,75946783	0,133	0,303
CHR3	9079785	CHR3:9079785	SSF x LoA	-8,13879188	-0,042	0,311
CHR3	9079853	CHR3:9079853	SSF x LoA	-5,48374671	-0,094	0,306
CHR3	9080092	CHR3:9080092	SSF x LoA	-11,3456076	-0,036	0,303
CHR3	9094337	CHR3:9094337	SSF x LoA	-7,91196534	0,054	0,319
CHR3	9094428	CHR3:9094428	SSF x LoA	-11,6791167	0,021	0,302
CHR3	9094481	CHR3:9094481	SSF x LoA	-10,3870844	0,026	0,297
CHR3	9105691	CHR3:9105691	SSF x LoA	-8,33008598	0,055	0,315
CHR3	9105699	CHR3:9105699	SSF x LoA	-7,54598897	-0,037	0,295
CHR3	9105714	CHR3:9105714	SSF x LoA	-8,01948223	0,068	0,297
CHR3	9105715	CHR3:9105715	SSF x LoA	-7,57004471	0,021	0,313
CHR3	9106399	CHR3:9106399	SSF x LoA	-10,5761929	-0,003	0,304
CHR3	9112647	CHR3:9112647	SSF x LoA	-5,50316679	-0,020	0,303
CHR3	9123879	CHR3:9123879	SSF x LoA	-11,5602343	-0,008	0,308
CHR3	9125454	CHR3:9125454	SSF x LoA	-11,300261	-0,029	0,310
CHR3	9125721	CHR3:9125721	SSF x LoA	-10,1197117	0,118	0,309
CHR3	9137869	CHR3:9137869	SSF x LoA	-11,3448818	0,031	0,308
CHR3	9137911	CHR3:9137911	SSF x LoA	-11,6138544	-0,061	0,307
CHR3	9143605	CHR3:9143605	SSF x LoA	-4,41726932	0,237	0,287
CHR3	9143609	CHR3:9143609	SSF x LoA	-8,17238407	0,184	0,298
CHR3	9143664	CHR3:9143664	SSF x LoA	-6,60775215	0,142	0,306
CHR3	9151801	CHR3:9151801	SSF x LoA	-7,41762638	0,005	0,315
CHR3	9151944	CHR3:9151944	SSF x LoA	-7,90357695	0,119	0,295
CHR3	9151984	CHR3:9151984	SSF x LoA	-9,18915593	-0,080	0,317
CHR3	9156463	CHR3:9156463	SSF x LoA	-9,16379213	0,105	0,311
CHR3	9156487	CHR3:9156487	SSF x LoA	-9,84698653	-0,066	0,294
CHR3	9156514	CHR3:9156514	SSF x LoA	-8,81249232	-0,078	0,302
CHR3	9156592	CHR3:9156592	SSF x LoA	-10,3686779	-0,034	0,302
CHR3	9166374	CHR3:9166374	SSF x LoA	-6,54768061	-0,108	0,293
CHR3	9176146	CHR3:9176146	SSF x LoA	-10,2917287	-0,138	0,301
CHR3	9176175	CHR3:9176175	SSF x LoA	-3,58035758	0,232	0,293
CHR3	9176239	CHR3:9176239	SSF x LoA	-7,6933357	0,012	0,316
CHR3	9184743	CHR3:9184743	SSF x LoA	-7,02096976	-0,050	0,318
CHR3	9184898	CHR3:9184898	SSF x LoA	-8,63773249	0,071	0,294
CHR3	9184957	CHR3:9184957	SSF x LoA	-10,9402284	-0,003	0,305
CHR3	9195559	CHR3:9195559	SSF x LoA	-8,16200873	0,048	0,311
CHR3	9195574	CHR3:9195574	SSF x LoA	-9,99473348	0,025	0,308
CHR3	9195606	CHR3:9195606	SSF x LoA	-10,3114451	0,050	0,311
CHR3	9195609	CHR3:9195609	SSF x LoA	-7,70078316	-0,030	0,324
CHR3	9195684	CHR3:9195684	SSF x LoA	-6,19695944	-0,057	0,313
CHR3	9215133	CHR3:9215133	SSF x LoA	-8,03407922	0,085	0,303
CHR3	9220316	CHR3:9220316	SSF x LoA	-10,5334949	-0,002	0,307
CHR3	9220536	CHR3:9220536	SSF x LoA	-8,57253802	-0,054	0,301
CHR3	9220559	CHR3:9220559	SSF x LoA	-8,80649926	-0,041	0,308
CHR3	9220561	CHR3:9220561	SSF x LoA	-3,37082012	0,240	0,289
CHR3	9220562	CHR3:9220562	SSF x LoA	-6,85529643	0,197	0,299
CHR3	9228368	CHR3:9228368	SSF x LoA	-4,02641029	-0,180	0,301
CHR3	9232668	CHR3:9232668	SSF x LoA	-9,1687045	0,013	0,307
CHR3	9232688	CHR3:9232688	SSF x LoA	-8,63535854	-0,007	0,309
CHR3	9232724	CHR3:9232724	SSF x LoA	-10,415388	0,049	0,297
CHR3	9232753	CHR3:9232753	SSF x LoA	-6,06671135	0,009	0,305
CHR3	9232767	CHR3:9232767	SSF x LoA	-9,7046841	0,076	0,314
CHR3	9232848	CHR3:9232848	SSF x LoA	-7,94046252	0,068	0,294

CHR3	9240131	CHR3:9240131	SSF x LoA	-8,6371034	-0,053	0,304
CHR3	9244601	CHR3:9244601	SSF x LoA	-8,62188634	-0,128	0,293
CHR3	9244604	CHR3:9244604	SSF x LoA	-9,41701332	-0,087	0,307
CHR3	9244615	CHR3:9244615	SSF x LoA	-11,5047497	0,068	0,310
CHR3	9244703	CHR3:9244703	SSF x LoA	-9,59327432	0,076	0,312
CHR3	9250474	CHR3:9250474	SSF x LoA	-10,3203749	-0,017	0,309
CHR3	9250480	CHR3:9250480	SSF x LoA	-10,5206503	0,031	0,301
CHR3	9250492	CHR3:9250492	SSF x LoA	-7,28748305	-0,010	0,313
CHR3	9250500	CHR3:9250500	SSF x LoA	-11,3480633	-0,042	0,303
CHR3	9250541	CHR3:9250541	SSF x LoA	-9,09311364	-0,027	0,306
CHR3	9250545	CHR3:9250545	SSF x LoA	-9,22951629	-0,014	0,305
CHR3	9250548	CHR3:9250548	SSF x LoA	-11,2497022	-0,024	0,308
CHR3	9275778	CHR3:9275778	SSF x LoA	-10,808624	-0,008	0,311
CHR3	9286936	CHR3:9286936	SSF x LoA	-8,21172391	-0,077	0,306
CHR3	9286937	CHR3:9286937	SSF x LoA	-3,17374994	0,079	0,316
CHR3	9286980	CHR3:9286980	SSF x LoA	-10,344557	0,039	0,306
CHR3	9286992	CHR3:9286992	SSF x LoA	-10,5620979	0,024	0,303
CHR3	9286995	CHR3:9286995	SSF x LoA	-10,7016661	0,028	0,303
CHR3	9289996	CHR3:9289996	SSF x LoA	-7,46051517	0,026	0,316
CHR3	9290042	CHR3:9290042	SSF x LoA	-8,4153841	-0,123	0,300
CHR3	9290062	CHR3:9290062	SSF x LoA	-8,88383742	0,191	0,302
CHR3	9290102	CHR3:9290102	SSF x LoA	-10,3790271	0,082	0,303
CHR3	9300327	CHR3:9300327	SSF x LoA	-11,3409493	0,022	0,305
CHR3	9303027	CHR3:9303027	SSF x LoA	-9,3068153	0,008	0,312
CHR3	9303054	CHR3:9303054	SSF x LoA	-9,06980477	-0,048	0,312
CHR3	9303088	CHR3:9303088	SSF x LoA	-11,324434	0,071	0,298
CHR3	9303145	CHR3:9303145	SSF x LoA	-9,34897808	0,055	0,306
CHR3	9303154	CHR3:9303154	SSF x LoA	-4,50253343	0,029	0,301
CHR3	9303217	CHR3:9303217	SSF x LoA	-11,3967526	0,012	0,318
CHR3	9303259	CHR3:9303259	SSF x LoA	-8,7841581	0,078	0,321
CHR3	9307895	CHR3:9307895	SSF x LoA	-6,86399179	0,060	0,314
CHR3	9307978	CHR3:9307978	SSF x LoA	-9,02315062	0,026	0,308
CHR3	9309800	CHR3:9309800	SSF x LoA	-9,6799684	-0,056	0,313
CHR3	9329813	CHR3:9329813	SSF x LoA	-10,4675568	-0,062	0,312
CHR3	9329815	CHR3:9329815	SSF x LoA	-9,54584223	-0,086	0,297
CHR3	9329816	CHR3:9329816	SSF x LoA	-8,99045178	-0,008	0,310
CHR3	9329825	CHR3:9329825	SSF x LoA	-6,77297754	-0,105	0,302
CHR3	9329831	CHR3:9329831	SSF x LoA	-6,8541666	0,098	0,306
CHR3	9334360	CHR3:9334360	SSF x LoA	-8,98095687	-0,046	0,311
CHR3	9334434	CHR3:9334434	SSF x LoA	-10,1890942	0,079	0,311
CHR3	9334436	CHR3:9334436	SSF x LoA	-7,92592877	-0,127	0,321
CHR3	9334461	CHR3:9334461	SSF x LoA	-7,7004374	0,046	0,313
CHR3	9338142	CHR3:9338142	SSF x LoA	-9,97842512	0,002	0,307
CHR3	9338174	CHR3:9338174	SSF x LoA	-9,521481	-0,031	0,310
CHR3	9343527	CHR3:9343527	SSF x LoA	-10,140122	0,030	0,319
CHR3	9343608	CHR3:9343608	SSF x LoA	-8,66128783	0,078	0,309
CHR3	9343681	CHR3:9343681	SSF x LoA	-7,42707872	-0,135	0,309
CHR3	9358918	CHR3:9358918	SSF x LoA	-10,8917478	0,015	0,304
CHR3	9360933	CHR3:9360933	SSF x LoA	-9,90163985	-0,130	0,310
CHR3	9361008	CHR3:9361008	SSF x LoA	-8,50773678	-0,023	0,317
CHR3	9361014	CHR3:9361014	SSF x LoA	-9,42695447	0,048	0,302
CHR3	9361063	CHR3:9361063	SSF x LoA	-5,62072059	0,036	0,308
CHR3	9361159	CHR3:9361159	SSF x LoA	-9,12796532	-0,081	0,308

CHR3	9363349	CHR3:9363349	SSF x LoA	-7,11855933	0,048	0,307
CHR3	9363366	CHR3:9363366	SSF x LoA	-9,33795137	0,007	0,308
CHR3	9363373	CHR3:9363373	SSF x LoA	-9,2763181	0,010	0,316
CHR3	9365689	CHR3:9365689	SSF x LoA	-4,74906847	-0,016	0,326
CHR3	9365714	CHR3:9365714	SSF x LoA	-8,76849007	0,027	0,317
CHR3	9365803	CHR3:9365803	SSF x LoA	-8,58643883	0,083	0,307
CHR3	9375070	CHR3:9375070	SSF x LoA	-7,79477943	0,043	0,306
CHR3	9375133	CHR3:9375133	SSF x LoA	-9,83268587	0,073	0,313
CHR3	9375184	CHR3:9375184	SSF x LoA	-11,4414719	-0,002	0,310
CHR3	9375254	CHR3:9375254	SSF x LoA	-11,9425975	0,028	0,304
CHR3	9375258	CHR3:9375258	SSF x LoA	-6,41442551	0,064	0,293
CHR3	9377539	CHR3:9377539	SSF x LoA	-8,37358981	0,075	0,309
CHR3	9377560	CHR3:9377560	SSF x LoA	-7,29574893	-0,035	0,309
CHR3	9377579	CHR3:9377579	SSF x LoA	-8,79906994	0,028	0,324
CHR3	9377588	CHR3:9377588	SSF x LoA	-10,1387185	0,061	0,297
CHR3	9377644	CHR3:9377644	SSF x LoA	-11,3955205	0,078	0,299
CHR3	9377669	CHR3:9377669	SSF x LoA	-10,1962685	0,050	0,309
CHR3	9379206	CHR3:9379206	SSF x LoA	-10,8088766	-0,097	0,290
CHR3	9379315	CHR3:9379315	SSF x LoA	-9,1154928	0,009	0,312
CHR3	9379325	CHR3:9379325	SSF x LoA	-11,7146417	-0,049	0,305
CHR3	9379371	CHR3:9379371	SSF x LoA	-2,90373929	0,086	0,297
CHR3	9379425	CHR3:9379425	SSF x LoA	-10,7012797	0,058	0,294
CHR3	9386627	CHR3:9386627	SSF x LoA	-9,3989417	-0,035	0,304
CHR3	9394717	CHR3:9394717	SSF x LoA	-10,0797039	-0,155	0,309
CHR3	9394910	CHR3:9394910	SSF x LoA	-12,0114863	0,106	0,298
CHR3	9400539	CHR3:9400539	SSF x LoA	-9,81574314	-0,039	0,315
CHR3	9400592	CHR3:9400592	SSF x LoA	-8,41746088	0,106	0,309
CHR3	9400628	CHR3:9400628	SSF x LoA	-6,45964088	0,120	0,297
CHR3	9409113	CHR3:9409113	SSF x LoA	-9,26547207	-0,061	0,310
CHR3	9409150	CHR3:9409150	SSF x LoA	-9,63744936	-0,062	0,294
CHR3	9409192	CHR3:9409192	SSF x LoA	-6,11812997	-0,111	0,309
CHR3	9409199	CHR3:9409199	SSF x LoA	-8,65683496	-0,010	0,302
CHR3	9411788	CHR3:9411788	SSF x LoA	-10,0204157	0,042	0,295
CHR3	9411933	CHR3:9411933	SSF x LoA	-7,80554758	0,060	0,320
CHR3	9411949	CHR3:9411949	SSF x LoA	-8,44633925	0,065	0,331
CHR3	9412960	CHR3:9412960	SSF x LoA	-8,60089089	-0,046	0,305
CHR3	9413096	CHR3:9413096	SSF x LoA	-10,0882401	-0,026	0,296
CHR3	9414786	CHR3:9414786	SSF x LoA	-5,88930472	0,091	0,303
CHR3	9414918	CHR3:9414918	SSF x LoA	-8,93396414	-0,170	0,283
CHR3	9414955	CHR3:9414955	SSF x LoA	-8,82534584	-0,044	0,312
CHR3	9415532	CHR3:9415532	SSF x LoA	-9,05233243	0,088	0,300
CHR3	9426775	CHR3:9426775	SSF x LoA	-11,3530486	-0,044	0,303
CHR3	9426893	CHR3:9426893	SSF x LoA	-10,1023271	-0,037	0,312
CHR3	9450698	CHR3:9450698	SSF x LoA	-11,9114771	-0,037	0,305
CHR3	9450837	CHR3:9450837	SSF x LoA	-9,74274635	0,060	0,307
CHR3	9460762	CHR3:9460762	SSF x LoA	-8,04739436	-0,057	0,312
CHR3	9460763	CHR3:9460763	SSF x LoA	-7,75091414	0,035	0,309
CHR3	9460927	CHR3:9460927	SSF x LoA	-8,6878018	-0,029	0,302
CHR3	9468312	CHR3:9468312	SSF x LoA	-5,22555707	-0,012	0,317
CHR3	9477825	CHR3:9477825	SSF x LoA	-5,72512915	0,082	0,305
CHR3	9483724	CHR3:9483724	SSF x LoA	-8,88435959	0,077	0,302
CHR3	9483773	CHR3:9483773	SSF x LoA	-8,97608214	0,072	0,302
CHR3	9487309	CHR3:9487309	SSF x LoA	-7,1197127	-0,113	0,309

CHR3	9487436	CHR3:9487436	SSF x LoA	-10,229279	0,030	0,308
CHR3	9487479	CHR3:9487479	SSF x LoA	-11,6113619	0,020	0,300
CHR3	9495901	CHR3:9495901	SSF x LoA	-9,81300974	0,072	0,306
CHR3	9495924	CHR3:9495924	SSF x LoA	-9,35965255	0,094	0,318
CHR3	9496158	CHR3:9496158	SSF x LoA	-10,0983937	-0,079	0,314
CHR3	9497348	CHR3:9497348	SSF x LoA	-11,0246357	-0,086	0,309
CHR3	9497366	CHR3:9497366	SSF x LoA	-11,5833862	-0,018	0,304
CHR3	9497659	CHR3:9497659	SSF x LoA	-9,92833461	0,041	0,317
CHR3	9497686	CHR3:9497686	SSF x LoA	-8,80942841	0,032	0,305
CHR3	9497710	CHR3:9497710	SSF x LoA	-9,65677611	-0,044	0,300
CHR3	9497757	CHR3:9497757	SSF x LoA	-8,84056593	0,073	0,305
CHR3	9499708	CHR3:9499708	SSF x LoA	-4,58446826	-0,198	0,288
CHR3	9499759	CHR3:9499759	SSF x LoA	-6,70896928	0,076	0,317
CHR3	9499822	CHR3:9499822	SSF x LoA	-8,88259039	-0,133	0,295
CHR3	9499847	CHR3:9499847	SSF x LoA	-8,7309529	0,075	0,301
CHR3	9499849	CHR3:9499849	SSF x LoA	-11,4273592	-0,011	0,305
CHR3	9499919	CHR3:9499919	SSF x LoA	-7,861595	-0,145	0,307
CHR3	9506278	CHR3:9506278	SSF x LoA	-9,80389269	0,159	0,307
CHR3	9523956	CHR3:9523956	SSF x LoA	-9,40887537	-0,055	0,317
CHR3	9526631	CHR3:9526631	SSF x LoA	-9,07616711	0,016	0,315
CHR3	9526714	CHR3:9526714	SSF x LoA	-6,17833434	-0,122	0,307
CHR3	9526719	CHR3:9526719	SSF x LoA	-8,3325174	-0,070	0,303
CHR3	9526744	CHR3:9526744	SSF x LoA	-9,2668905	-0,087	0,299
CHR3	9529452	CHR3:9529452	SSF x LoA	-10,6500725	0,078	0,310
CHR3	9529506	CHR3:9529506	SSF x LoA	-9,76804334	0,065	0,318
CHR3	9550204	CHR3:9550204	SSF x LoA	-8,87898695	0,089	0,313
CHR3	9550229	CHR3:9550229	SSF x LoA	-9,43998756	0,000	0,305
CHR3	9550348	CHR3:9550348	SSF x LoA	-3,69643064	0,190	0,295
CHR3	9550350	CHR3:9550350	SSF x LoA	-8,921262	-0,030	0,302
CHR3	9550377	CHR3:9550377	SSF x LoA	-11,6132626	-0,039	0,303
CHR3	9557680	CHR3:9557680	SSF x LoA	-10,4565871	0,027	0,320
CHR3	9557695	CHR3:9557695	SSF x LoA	-10,1219364	-0,057	0,316
CHR3	9557696	CHR3:9557696	SSF x LoA	-9,5910836	-0,014	0,292
CHR3	9557698	CHR3:9557698	SSF x LoA	-11,0209379	0,017	0,306
CHR3	9557741	CHR3:9557741	SSF x LoA	-9,26171357	0,023	0,300
CHR3	9557746	CHR3:9557746	SSF x LoA	-7,82485579	0,015	0,315
CHR3	9557759	CHR3:9557759	SSF x LoA	-6,59010555	0,012	0,287
CHR3	9565570	CHR3:9565570	SSF x LoA	-8,55541796	-0,022	0,310
CHR3	9566700	CHR3:9566700	SSF x LoA	-8,3156094	-0,118	0,297
CHR3	957690	CHR3:957690	SSF x LoA	-9,99367446	-0,092	0,292
CHR3	9586748	CHR3:9586748	SSF x LoA	-11,1452351	-0,087	0,307
CHR3	9603979	CHR3:9603979	SSF x LoA	-7,98124147	-0,022	0,324
CHR3	9603987	CHR3:9603987	SSF x LoA	-11,7517247	0,045	0,318
CHR3	9604013	CHR3:9604013	SSF x LoA	-8,20673014	0,080	0,309
CHR3	9604023	CHR3:9604023	SSF x LoA	-7,57614712	-0,043	0,307
CHR3	9626093	CHR3:9626093	SSF x LoA	-11,0391438	0,024	0,307
CHR3	9628067	CHR3:9628067	SSF x LoA	-8,31455457	0,100	0,311
CHR3	9628090	CHR3:9628090	SSF x LoA	-8,28336539	0,093	0,299
CHR3	9628091	CHR3:9628091	SSF x LoA	-6,7918193	0,100	0,310
CHR3	9628127	CHR3:9628127	SSF x LoA	-9,64993628	0,120	0,306
CHR3	9628650	CHR3:9628650	SSF x LoA	-10,3628423	-0,090	0,305
CHR3	9634548	CHR3:9634548	SSF x LoA	-10,0706205	0,091	0,304
CHR3	9634574	CHR3:9634574	SSF x LoA	-8,81266106	-0,105	0,303

CHR3	9634663	CHR3:9634663	SSF x LoA	-10,6354219	0,071	0,299
CHR3	9641267	CHR3:9641267	SSF x LoA	-9,50672087	0,043	0,301
CHR3	9641318	CHR3:9641318	SSF x LoA	-5,71947814	-0,122	0,306
CHR3	9647700	CHR3:9647700	SSF x LoA	-9,18892629	0,035	0,306
CHR3	9647734	CHR3:9647734	SSF x LoA	-8,7232876	-0,043	0,318
CHR3	9651795	CHR3:9651795	SSF x LoA	-8,86010009	-0,128	0,294
CHR3	9651917	CHR3:9651917	SSF x LoA	-11,0007779	-0,036	0,301
CHR3	966578	CHR3:966578	SSF x LoA	-10,8123311	0,054	0,313
CHR3	967118	CHR3:967118	SSF x LoA	-9,79359084	-0,070	0,297
CHR3	9686286	CHR3:9686286	SSF x LoA	-9,01128181	0,128	0,291
CHR3	9697215	CHR3:9697215	SSF x LoA	-10,3478425	0,074	0,313
CHR3	9702542	CHR3:9702542	SSF x LoA	-9,07651223	0,073	0,317
CHR3	9702559	CHR3:9702559	SSF x LoA	-10,1324469	-0,060	0,308
CHR3	9702602	CHR3:9702602	SSF x LoA	-11,4053647	-0,029	0,298
CHR3	9705436	CHR3:9705436	SSF x LoA	-12,2773258	0,020	0,311
CHR3	9708596	CHR3:9708596	SSF x LoA	-11,0861477	0,037	0,308
CHR3	9708600	CHR3:9708600	SSF x LoA	-9,96624974	0,091	0,312
CHR3	9717161	CHR3:9717161	SSF x LoA	-7,7906006	-0,107	0,321
CHR3	9728990	CHR3:9728990	SSF x LoA	-9,53954477	-0,040	0,301
CHR3	9728996	CHR3:9728996	SSF x LoA	-10,2557968	-0,064	0,301
CHR3	9729011	CHR3:9729011	SSF x LoA	-9,73554715	0,170	0,300
CHR3	9729038	CHR3:9729038	SSF x LoA	-10,2186969	0,043	0,315
CHR3	9729336	CHR3:9729336	SSF x LoA	-9,30241915	0,017	0,313
CHR3	9729372	CHR3:9729372	SSF x LoA	-9,60787952	0,182	0,290
CHR3	9732729	CHR3:9732729	SSF x LoA	-7,12337018	-0,186	0,298
CHR3	9732748	CHR3:9732748	SSF x LoA	-6,74763336	0,152	0,304
CHR3	9732749	CHR3:9732749	SSF x LoA	-6,4022859	0,153	0,318
CHR3	9732861	CHR3:9732861	SSF x LoA	-7,21106131	0,087	0,316
CHR3	9749390	CHR3:9749390	SSF x LoA	-6,93904048	-0,020	0,298
CHR3	9749391	CHR3:9749391	SSF x LoA	-3,04976215	0,149	0,303
CHR3	9753798	CHR3:9753798	SSF x LoA	-10,1549653	0,010	0,313
CHR3	9753813	CHR3:9753813	SSF x LoA	-9,19525857	0,083	0,293
CHR3	9753836	CHR3:9753836	SSF x LoA	-10,4247345	0,069	0,307
CHR3	9753906	CHR3:9753906	SSF x LoA	-9,97581335	-0,058	0,316
CHR3	9753923	CHR3:9753923	SSF x LoA	-8,47560831	0,056	0,320
CHR3	9756592	CHR3:9756592	SSF x LoA	-9,70719391	-0,123	0,313
CHR3	9756602	CHR3:9756602	SSF x LoA	-8,33608599	0,083	0,303
CHR3	9756622	CHR3:9756622	SSF x LoA	-8,05452472	0,087	0,304
CHR3	9756626	CHR3:9756626	SSF x LoA	-7,24806233	-0,049	0,308
CHR3	9756636	CHR3:9756636	SSF x LoA	-8,49345368	0,003	0,311
CHR3	9756639	CHR3:9756639	SSF x LoA	-8,95889436	0,033	0,303
CHR3	9756642	CHR3:9756642	SSF x LoA	-11,391028	-0,067	0,318
CHR3	9762561	CHR3:9762561	SSF x LoA	-5,97091888	0,127	0,296
CHR3	9762598	CHR3:9762598	SSF x LoA	-6,14244319	-0,117	0,315
CHR3	9762750	CHR3:9762750	SSF x LoA	-7,77297199	0,051	0,307
CHR3	9762752	CHR3:9762752	SSF x LoA	-8,79219071	-0,071	0,303
CHR3	9768994	CHR3:9768994	SSF x LoA	-7,32416652	0,137	0,309
CHR3	9769019	CHR3:9769019	SSF x LoA	-3,99898599	0,015	0,308
CHR3	9769028	CHR3:9769028	SSF x LoA	-4,98755151	0,123	0,324
CHR3	9770140	CHR3:9770140	SSF x LoA	-6,53532714	0,071	0,309
CHR3	9770163	CHR3:9770163	SSF x LoA	-7,77835985	0,082	0,300
CHR3	9772337	CHR3:9772337	SSF x LoA	-11,6738049	-0,046	0,299
CHR3	9772357	CHR3:9772357	SSF x LoA	-8,95966885	0,078	0,314

CHR3	9772377	CHR3:9772377	SSF x LoA	-9,02459204	0,028	0,312
CHR3	9781473	CHR3:9781473	SSF x LoA	-8,9558443	-0,148	0,295
CHR3	9787487	CHR3:9787487	SSF x LoA	-6,42698622	-0,018	0,306
CHR3	9790664	CHR3:9790664	SSF x LoA	-10,1502968	-0,050	0,318
CHR3	9790813	CHR3:9790813	SSF x LoA	-9,24178206	-0,158	0,304
CHR3	9790823	CHR3:9790823	SSF x LoA	-9,82402035	-0,067	0,305
CHR3	9790833	CHR3:9790833	SSF x LoA	-9,12819006	-0,087	0,306
CHR3	9806878	CHR3:9806878	SSF x LoA	-11,7156312	-0,008	0,314
CHR3	9808196	CHR3:9808196	SSF x LoA	-10,7005142	-0,143	0,299
CHR3	9813188	CHR3:9813188	SSF x LoA	-8,71344866	0,101	0,307
CHR3	9815833	CHR3:9815833	SSF x LoA	-4,17739767	0,034	0,305
CHR3	9815910	CHR3:9815910	SSF x LoA	-6,32475073	0,215	0,288
CHR3	9815961	CHR3:9815961	SSF x LoA	-9,37027446	0,057	0,305
CHR3	9816015	CHR3:9816015	SSF x LoA	-7,41131664	-0,042	0,303
CHR3	9816030	CHR3:9816030	SSF x LoA	-9,09378867	-0,085	0,294
CHR3	9819661	CHR3:9819661	SSF x LoA	-9,13401025	-0,001	0,302
CHR3	9819676	CHR3:9819676	SSF x LoA	-11,3956156	-0,008	0,309
CHR3	9819713	CHR3:9819713	SSF x LoA	-5,03469487	0,010	0,311
CHR3	9819715	CHR3:9819715	SSF x LoA	-7,98206329	-0,090	0,313
CHR3	9819729	CHR3:9819729	SSF x LoA	-8,09515929	-0,073	0,312
CHR3	9819752	CHR3:9819752	SSF x LoA	-11,5168291	-0,012	0,299
CHR3	9828841	CHR3:9828841	SSF x LoA	-12,2132112	-0,005	0,308
CHR3	9828996	CHR3:9828996	SSF x LoA	-6,37233483	0,043	0,308
CHR3	9830597	CHR3:9830597	SSF x LoA	-6,48646308	0,181	0,310
CHR3	9830646	CHR3:9830646	SSF x LoA	-8,81350418	-0,040	0,311
CHR3	9830652	CHR3:9830652	SSF x LoA	-9,8747578	0,035	0,321
CHR3	9833928	CHR3:9833928	SSF x LoA	-11,2463938	-0,006	0,292
CHR3	9834046	CHR3:9834046	SSF x LoA	-8,49814837	0,075	0,309
CHR3	9834069	CHR3:9834069	SSF x LoA	-8,15790949	0,082	0,313
CHR3	9834117	CHR3:9834117	SSF x LoA	-5,58559018	0,013	0,325
CHR3	9836506	CHR3:9836506	SSF x LoA	-12,3478375	0,064	0,300
CHR3	9836525	CHR3:9836525	SSF x LoA	-8,70876529	-0,039	0,297
CHR3	9836547	CHR3:9836547	SSF x LoA	-10,9622161	-0,046	0,305
CHR3	9840861	CHR3:9840861	SSF x LoA	-9,6235883	-0,170	0,294
CHR3	9843670	CHR3:9843670	SSF x LoA	-8,43998903	0,137	0,307
CHR3	9843867	CHR3:9843867	SSF x LoA	-9,81979589	0,042	0,303
CHR3	9843886	CHR3:9843886	SSF x LoA	-5,29110491	0,152	0,287
CHR3	9843906	CHR3:9843906	SSF x LoA	-8,48285499	-0,020	0,299
CHR3	9863554	CHR3:9863554	SSF x LoA	-11,719924	-0,039	0,315
CHR3	9863654	CHR3:9863654	SSF x LoA	-4,74929081	-0,076	0,312
CHR3	9863695	CHR3:9863695	SSF x LoA	-5,15002693	0,205	0,296
CHR3	9867153	CHR3:9867153	SSF x LoA	-5,78215377	-0,066	0,307
CHR3	9867250	CHR3:9867250	SSF x LoA	-2,88926859	0,085	0,304
CHR3	9872851	CHR3:9872851	SSF x LoA	-10,9058451	0,007	0,298
CHR3	9872941	CHR3:9872941	SSF x LoA	-11,9121909	0,021	0,312
CHR3	9873009	CHR3:9873009	SSF x LoA	-8,01693403	-0,041	0,313
CHR3	9873037	CHR3:9873037	SSF x LoA	-12,0275324	-0,022	0,318
CHR3	9875666	CHR3:9875666	SSF x LoA	-10,6849277	0,028	0,301
CHR3	9875702	CHR3:9875702	SSF x LoA	-5,80762502	0,001	0,310
CHR3	9875768	CHR3:9875768	SSF x LoA	-10,8638503	0,034	0,304
CHR3	9875773	CHR3:9875773	SSF x LoA	-10,4969871	0,005	0,301
CHR3	9875881	CHR3:9875881	SSF x LoA	-9,03900006	0,020	0,311
CHR3	9876412	CHR3:9876412	SSF x LoA	-7,29759561	0,112	0,296

CHR3	9876421	CHR3:9876421	SSF x LoA	-8,14023846	0,039	0,309
CHR3	9876468	CHR3:9876468	SSF x LoA	-9,44603451	-0,023	0,304
CHR3	9887493	CHR3:9887493	SSF x LoA	-9,16622775	-0,022	0,303
CHR3	9896864	CHR3:9896864	SSF x LoA	-9,23608683	-0,116	0,316
CHR3	9897053	CHR3:9897053	SSF x LoA	-10,9552195	-0,049	0,304
CHR3	9900159	CHR3:9900159	SSF x LoA	-9,58449812	0,103	0,299
CHR3	9900221	CHR3:9900221	SSF x LoA	-5,03181559	-0,074	0,310
CHR3	9900236	CHR3:9900236	SSF x LoA	-7,38070368	0,062	0,306
CHR3	9900364	CHR3:9900364	SSF x LoA	-9,51112457	-0,113	0,305
CHR3	9903121	CHR3:9903121	SSF x LoA	-8,01887413	-0,159	0,299
CHR3	9914447	CHR3:9914447	SSF x LoA	-9,39673367	-0,073	0,303
CHR3	9919708	CHR3:9919708	SSF x LoA	-8,91811206	0,016	0,302
CHR3	9919745	CHR3:9919745	SSF x LoA	-10,1266341	0,061	0,295
CHR3	9919747	CHR3:9919747	SSF x LoA	-11,934896	0,047	0,313
CHR3	9919759	CHR3:9919759	SSF x LoA	-8,15128771	-0,109	0,296
CHR3	9919765	CHR3:9919765	SSF x LoA	-8,2232358	0,061	0,306
CHR3	9919768	CHR3:9919768	SSF x LoA	-6,26039954	-0,086	0,314
CHR3	9919804	CHR3:9919804	SSF x LoA	-10,7115514	0,048	0,301
CHR3	9926620	CHR3:9926620	SSF x LoA	-11,730037	0,078	0,311
CHR3	9936228	CHR3:9936228	SSF x LoA	-10,027218	0,032	0,288
CHR3	9936236	CHR3:9936236	SSF x LoA	-6,94935398	0,029	0,299
CHR3	9941554	CHR3:9941554	SSF x LoA	-6,84573997	-0,058	0,305
CHR3	9941605	CHR3:9941605	SSF x LoA	-5,54694132	0,131	0,299
CHR3	9941620	CHR3:9941620	SSF x LoA	-10,8465408	-0,122	0,297
CHR3	9941651	CHR3:9941651	SSF x LoA	-10,1315079	0,144	0,299
CHR3	9941684	CHR3:9941684	SSF x LoA	-1,47426031	0,099	0,302
CHR3	9941686	CHR3:9941686	SSF x LoA	-11,462531	0,080	0,305
CHR3	9941699	CHR3:9941699	SSF x LoA	-10,7809063	0,038	0,315
CHR3	9951902	CHR3:9951902	SSF x LoA	-8,88821545	-0,114	0,310
CHR3	9951945	CHR3:9951945	SSF x LoA	-11,8709053	-0,024	0,305
CHR3	9951983	CHR3:9951983	SSF x LoA	-6,6983586	0,115	0,313
CHR3	9953679	CHR3:9953679	SSF x LoA	-10,0756785	-0,118	0,308
CHR3	9959561	CHR3:9959561	SSF x LoA	-8,65582124	0,060	0,308
CHR3	9959588	CHR3:9959588	SSF x LoA	-7,66740194	0,028	0,307
CHR3	9959630	CHR3:9959630	SSF x LoA	-8,89558492	0,019	0,308
CHR3	9959665	CHR3:9959665	SSF x LoA	-9,46289571	0,011	0,302
CHR3	9959669	CHR3:9959669	SSF x LoA	-10,9292248	0,043	0,304
CHR3	9959673	CHR3:9959673	SSF x LoA	-11,50778	-0,028	0,307
CHR3	9961918	CHR3:9961918	SSF x LoA	-7,85516894	-0,165	0,308
CHR3	9994619	CHR3:9994619	SSF x LoA	-7,22570732	0,134	0,306
CHR3	9994623	CHR3:9994623	SSF x LoA	-9,16422145	0,111	0,306
CHR3	9995328	CHR3:9995328	SSF x LoA	-6,16083563	-0,074	0,310
CHR3	9995369	CHR3:9995369	SSF x LoA	-7,04551617	0,037	0,315
CHR3	9995399	CHR3:9995399	SSF x LoA	-8,89998525	-0,008	0,315
CHR4	1000552	CHR4:1000552	SSF x LoA	-10,6347584	0,054	0,294
CHR4	1000674	CHR4:1000674	SSF x LoA	-10,4693419	0,015	0,300
CHR4	1E+07	CHR4:10007925	SSF x LoA	-11,1792614	-0,057	0,302
CHR4	1E+07	CHR4:10008151	SSF x LoA	-12,0379181	0,062	0,307
CHR4	1E+07	CHR4:10008164	SSF x LoA	-9,57118644	-0,054	0,316
CHR4	1E+07	CHR4:10008251	SSF x LoA	-10,3561642	-0,037	0,294
CHR4	1E+07	CHR4:10008267	SSF x LoA	1,6139869	0,137	0,307
CHR4	1E+07	CHR4:10012269	SSF x LoA	-7,11690539	-0,076	0,299
CHR4	1E+07	CHR4:10020064	SSF x LoA	-9,92094093	-0,040	0,299

CHR4	1E+07	CHR4:10020175	SSF x LoA	-7,09218886	0,091	0,306
CHR4	1E+07	CHR4:10045678	SSF x LoA	-9,68763072	0,089	0,309
CHR4	1E+07	CHR4:10058376	SSF x LoA	-11,6369719	-0,024	0,294
CHR4	1E+07	CHR4:10064728	SSF x LoA	-8,69412603	-0,045	0,307
CHR4	1E+07	CHR4:10114396	SSF x LoA	-7,99811326	0,056	0,303
CHR4	1E+07	CHR4:10114414	SSF x LoA	-5,45237864	0,250	0,276
CHR4	1E+07	CHR4:10114421	SSF x LoA	-8,36045943	-0,077	0,300
CHR4	1E+07	CHR4:10114480	SSF x LoA	-6,10396903	-0,162	0,303
CHR4	1E+07	CHR4:10122398	SSF x LoA	-8,42059451	0,109	0,295
CHR4	1E+07	CHR4:10122450	SSF x LoA	-8,30759849	-0,214	0,293
CHR4	1E+07	CHR4:10122451	SSF x LoA	-7,49171302	-0,205	0,306
CHR4	1E+07	CHR4:10122502	SSF x LoA	-9,60335787	-0,014	0,295
CHR4	1E+07	CHR4:10125025	SSF x LoA	-10,0923114	0,078	0,314
CHR4	1E+07	CHR4:10125039	SSF x LoA	-7,85343078	0,019	0,305
CHR4	1E+07	CHR4:10125043	SSF x LoA	-4,35851892	-0,031	0,304
CHR4	1E+07	CHR4:10125119	SSF x LoA	-8,90553067	-0,090	0,290
CHR4	1E+07	CHR4:10125137	SSF x LoA	-9,95027822	-0,149	0,312
CHR4	1E+07	CHR4:10125139	SSF x LoA	-6,71012012	0,019	0,306
CHR4	1E+07	CHR4:10125189	SSF x LoA	-8,87937972	-0,094	0,300
CHR4	1013815	CHR4:1013815	SSF x LoA	-9,82224104	-0,024	0,319
CHR4	1013878	CHR4:1013878	SSF x LoA	-9,32044731	0,037	0,299
CHR4	1E+07	CHR4:10140959	SSF x LoA	-9,1360498	0,048	0,303
CHR4	1E+07	CHR4:10141042	SSF x LoA	-10,4311822	0,054	0,309
CHR4	1E+07	CHR4:10171892	SSF x LoA	-7,84535446	-0,023	0,307
CHR4	1E+07	CHR4:10171945	SSF x LoA	-8,81801117	-0,111	0,315
CHR4	1E+07	CHR4:10171967	SSF x LoA	-7,30866462	0,107	0,317
CHR4	1E+07	CHR4:10171975	SSF x LoA	-5,70852246	0,145	0,298
CHR4	1E+07	CHR4:10171976	SSF x LoA	-6,82649395	0,137	0,300
CHR4	1E+07	CHR4:10180608	SSF x LoA	-8,76945588	-0,045	0,317
CHR4	1E+07	CHR4:10180663	SSF x LoA	-10,6932691	-0,084	0,314
CHR4	1E+07	CHR4:10180732	SSF x LoA	-8,82345454	-0,130	0,307
CHR4	1E+07	CHR4:10182923	SSF x LoA	-10,7611936	-0,031	0,297
CHR4	1E+07	CHR4:10183026	SSF x LoA	-10,0082941	-0,064	0,311
CHR4	1E+07	CHR4:10188671	SSF x LoA	-11,7739135	0,036	0,310
CHR4	1E+07	CHR4:10195584	SSF x LoA	-10,3131379	0,000	0,307
CHR4	1E+07	CHR4:10195586	SSF x LoA	-10,1685752	0,098	0,307
CHR4	1E+07	CHR4:10195589	SSF x LoA	-10,24415	0,061	0,295
CHR4	1E+07	CHR4:10195595	SSF x LoA	-6,05554082	0,059	0,307
CHR4	1E+07	CHR4:10195672	SSF x LoA	-10,4271525	-0,008	0,310
CHR4	1E+07	CHR4:10195690	SSF x LoA	-6,71293557	-0,077	0,317
CHR4	1E+07	CHR4:10195700	SSF x LoA	-10,0858277	-0,035	0,297
CHR4	1E+07	CHR4:10195703	SSF x LoA	-9,45993864	0,035	0,305
CHR4	1E+07	CHR4:10196360	SSF x LoA	-8,64213831	-0,014	0,316
CHR4	1E+07	CHR4:10196409	SSF x LoA	-10,3699152	0,070	0,302
CHR4	1E+07	CHR4:10201466	SSF x LoA	-9,67943199	-0,079	0,306
CHR4	1E+07	CHR4:10201476	SSF x LoA	-9,14182619	0,009	0,295
CHR4	1E+07	CHR4:10201526	SSF x LoA	-10,1967989	0,067	0,302
CHR4	1E+07	CHR4:10201541	SSF x LoA	-10,7847478	-0,014	0,310
CHR4	1E+07	CHR4:10206085	SSF x LoA	-7,01333904	0,132	0,313
CHR4	1E+07	CHR4:10206086	SSF x LoA	-10,3569853	0,039	0,311
CHR4	1E+07	CHR4:10206105	SSF x LoA	-10,0008711	-0,107	0,294
CHR4	1E+07	CHR4:10206164	SSF x LoA	-8,82230851	-0,028	0,315
CHR4	1E+07	CHR4:10210214	SSF x LoA	-11,6525111	-0,030	0,303

CHR4	1E+07	CHR4:10210815	SSF x LoA	-9,77231405	0,031	0,314
CHR4	1E+07	CHR4:10210816	SSF x LoA	-10,1216702	0,028	0,299
CHR4	1E+07	CHR4:10210817	SSF x LoA	-9,23873386	0,016	0,311
CHR4	1E+07	CHR4:10213788	SSF x LoA	-9,76035384	0,102	0,316
CHR4	1E+07	CHR4:10213829	SSF x LoA	-10,0549929	-0,014	0,321
CHR4	1E+07	CHR4:10213855	SSF x LoA	-7,69555724	0,181	0,283
CHR4	1E+07	CHR4:10213866	SSF x LoA	-8,18803764	-0,160	0,283
CHR4	1E+07	CHR4:10215294	SSF x LoA	-7,60723957	0,101	0,308
CHR4	1E+07	CHR4:10215399	SSF x LoA	-10,4773349	0,087	0,303
CHR4	1E+07	CHR4:10223315	SSF x LoA	-0,73288311	0,008	0,307
CHR4	1E+07	CHR4:10223355	SSF x LoA	-10,2084181	-0,115	0,306
CHR4	1E+07	CHR4:10223363	SSF x LoA	-7,21126137	-0,110	0,309
CHR4	1E+07	CHR4:10224162	SSF x LoA	-10,4461583	-0,017	0,297
CHR4	1E+07	CHR4:10224191	SSF x LoA	-10,3503957	0,060	0,305
CHR4	1E+07	CHR4:10224255	SSF x LoA	-9,39952217	0,086	0,310
CHR4	1022889	CHR4:1022889	SSF x LoA	-9,35478328	-0,064	0,315
CHR4	1022902	CHR4:1022902	SSF x LoA	-8,89287868	0,054	0,317
CHR4	1E+07	CHR4:10229695	SSF x LoA	-9,71205053	-0,007	0,297
CHR4	1E+07	CHR4:10229697	SSF x LoA	-6,94919181	0,073	0,308
CHR4	1E+07	CHR4:10229711	SSF x LoA	-8,51414893	0,113	0,291
CHR4	1E+07	CHR4:10229720	SSF x LoA	-9,16520288	0,065	0,306
CHR4	1E+07	CHR4:10229750	SSF x LoA	-4,94786286	-0,047	0,303
CHR4	1E+07	CHR4:10229758	SSF x LoA	-7,34643932	-0,193	0,291
CHR4	1E+07	CHR4:10229761	SSF x LoA	-8,3508367	-0,054	0,312
CHR4	1E+07	CHR4:10229772	SSF x LoA	-8,18662176	0,057	0,297
CHR4	1E+07	CHR4:10229774	SSF x LoA	-11,0913567	-0,041	0,314
CHR4	1E+07	CHR4:10229866	SSF x LoA	-8,05296646	0,118	0,312
CHR4	1E+07	CHR4:10229889	SSF x LoA	-9,2915281	0,140	0,309
CHR4	1E+07	CHR4:10229892	SSF x LoA	-10,0930819	0,097	0,292
CHR4	1E+07	CHR4:10229895	SSF x LoA	-8,2860791	0,157	0,303
CHR4	1E+07	CHR4:10229931	SSF x LoA	-10,8613352	-0,057	0,304
CHR4	1E+07	CHR4:10229947	SSF x LoA	-6,00047472	0,158	0,296
CHR4	1E+07	CHR4:10234338	SSF x LoA	-8,14786711	-0,098	0,312
CHR4	1E+07	CHR4:10234340	SSF x LoA	-10,9382346	-0,035	0,308
CHR4	1E+07	CHR4:10241669	SSF x LoA	-5,23833697	-0,143	0,295
CHR4	1E+07	CHR4:10241717	SSF x LoA	-9,16176649	0,012	0,300
CHR4	1E+07	CHR4:10241857	SSF x LoA	-9,13241168	-0,109	0,310
CHR4	1E+07	CHR4:10247542	SSF x LoA	-8,38801423	0,012	0,306
CHR4	1E+07	CHR4:10247575	SSF x LoA	-11,8968564	0,014	0,301
CHR4	1E+07	CHR4:10247583	SSF x LoA	-8,61619778	0,077	0,313
CHR4	1E+07	CHR4:10247602	SSF x LoA	-7,11008303	0,031	0,313
CHR4	1E+07	CHR4:10247607	SSF x LoA	-11,4182648	0,017	0,308
CHR4	1E+07	CHR4:10249785	SSF x LoA	-7,97792179	0,058	0,307
CHR4	1E+07	CHR4:10249790	SSF x LoA	-8,41063883	-0,106	0,295
CHR4	1E+07	CHR4:10249815	SSF x LoA	-10,5754489	0,093	0,304
CHR4	1E+07	CHR4:10249854	SSF x LoA	-4,08682964	-0,155	0,309
CHR4	1E+07	CHR4:10249981	SSF x LoA	-10,5143061	-0,059	0,307
CHR4	1E+07	CHR4:10250024	SSF x LoA	-7,6421722	-0,108	0,303
CHR4	1E+07	CHR4:10254925	SSF x LoA	-8,22212855	-0,104	0,290
CHR4	1E+07	CHR4:10255687	SSF x LoA	-9,94758677	-0,056	0,287
CHR4	1E+07	CHR4:10255817	SSF x LoA	-10,2538513	-0,017	0,301
CHR4	1E+07	CHR4:10272162	SSF x LoA	-9,08893281	-0,040	0,313
CHR4	1E+07	CHR4:10272321	SSF x LoA	-10,1045447	0,126	0,296

CHR4	1E+07	CHR4:10272356	SSF x LoA	-6,09249903	0,090	0,303
CHR4	1028165	CHR4:1028165	SSF x LoA	-6,26193172	-0,189	0,294
CHR4	1E+07	CHR4:10283806	SSF x LoA	-10,6351704	-0,019	0,299
CHR4	1E+07	CHR4:10283809	SSF x LoA	-6,27520794	0,133	0,296
CHR4	1E+07	CHR4:10283834	SSF x LoA	-8,14680781	-0,132	0,302
CHR4	1E+07	CHR4:10283912	SSF x LoA	-5,95443566	0,181	0,291
CHR4	1E+07	CHR4:10283916	SSF x LoA	-7,29171753	0,117	0,306
CHR4	1E+07	CHR4:10283922	SSF x LoA	-5,96731772	0,142	0,309
CHR4	1E+07	CHR4:10283924	SSF x LoA	-7,44308479	0,094	0,301
CHR4	1E+07	CHR4:10283967	SSF x LoA	-4,73865624	0,153	0,299
CHR4	1E+07	CHR4:10283982	SSF x LoA	-4,12499698	0,163	0,295
CHR4	1E+07	CHR4:10283984	SSF x LoA	-7,00381472	0,182	0,285
CHR4	1E+07	CHR4:10284002	SSF x LoA	-8,47314597	-0,046	0,306
CHR4	1E+07	CHR4:10293210	SSF x LoA	-9,01565747	-0,039	0,308
CHR4	1E+07	CHR4:10293236	SSF x LoA	-8,92103926	-0,039	0,326
CHR4	1E+07	CHR4:10293276	SSF x LoA	-7,98234563	-0,133	0,294
CHR4	1E+07	CHR4:10320502	SSF x LoA	-9,89274083	-0,019	0,299
CHR4	1E+07	CHR4:10320639	SSF x LoA	-9,13472826	-0,066	0,313
CHR4	1E+07	CHR4:10325932	SSF x LoA	-10,3554045	-0,083	0,307
CHR4	1E+07	CHR4:10325946	SSF x LoA	-8,3412654	-0,061	0,304
CHR4	1E+07	CHR4:10325962	SSF x LoA	-8,8865154	-0,016	0,290
CHR4	1E+07	CHR4:10325968	SSF x LoA	-10,5900416	0,002	0,296
CHR4	1E+07	CHR4:10325975	SSF x LoA	-9,6098889	0,077	0,309
CHR4	1E+07	CHR4:10338696	SSF x LoA	-8,65541588	0,063	0,306
CHR4	1E+07	CHR4:10338800	SSF x LoA	-11,1401104	-0,022	0,309
CHR4	1E+07	CHR4:10338819	SSF x LoA	-9,29075895	0,078	0,297
CHR4	1E+07	CHR4:10338826	SSF x LoA	-11,3858247	-0,045	0,293
CHR4	1E+07	CHR4:10338854	SSF x LoA	-11,5509314	-0,023	0,301
CHR4	1E+07	CHR4:10349473	SSF x LoA	-8,01374406	-0,047	0,294
CHR4	1E+07	CHR4:10349539	SSF x LoA	-9,08376152	-0,063	0,308
CHR4	1E+07	CHR4:10349613	SSF x LoA	-9,42593689	-0,037	0,321
CHR4	1E+07	CHR4:10370140	SSF x LoA	-8,79145126	-0,084	0,296
CHR4	1E+07	CHR4:10370229	SSF x LoA	-7,01348547	0,046	0,301
CHR4	1E+07	CHR4:10373491	SSF x LoA	-9,83657463	-0,045	0,318
CHR4	1E+07	CHR4:10383328	SSF x LoA	-12,0241439	0,024	0,312
CHR4	1E+07	CHR4:10383356	SSF x LoA	-9,573689	0,082	0,311
CHR4	1039230	CHR4:1039230	SSF x LoA	-7,08693639	0,043	0,306
CHR4	1E+07	CHR4:10393125	SSF x LoA	-11,1017542	-0,023	0,303
CHR4	1E+07	CHR4:10393142	SSF x LoA	-8,6093197	-0,029	0,311
CHR4	1E+07	CHR4:10393198	SSF x LoA	-8,79292236	0,093	0,311
CHR4	1E+07	CHR4:10393243	SSF x LoA	-7,77418609	-0,061	0,324
CHR4	1E+07	CHR4:10393269	SSF x LoA	-9,8827616	-0,022	0,313
CHR4	1E+07	CHR4:10393276	SSF x LoA	-8,56242704	0,076	0,305
CHR4	1E+07	CHR4:10393287	SSF x LoA	-11,5203587	-0,008	0,307
CHR4	1E+07	CHR4:10393326	SSF x LoA	-8,80844771	-0,114	0,309
CHR4	1E+07	CHR4:10393359	SSF x LoA	-8,44026008	-0,126	0,295
CHR4	1E+07	CHR4:10396888	SSF x LoA	-10,7345302	-0,130	0,313
CHR4	1E+07	CHR4:10396952	SSF x LoA	-12,0533754	-0,014	0,301
CHR4	1E+07	CHR4:10397194	SSF x LoA	-11,7354974	-0,045	0,311
CHR4	1E+07	CHR4:10410335	SSF x LoA	-8,96660319	-0,021	0,307
CHR4	1E+07	CHR4:10410343	SSF x LoA	-9,90310028	0,106	0,310
CHR4	1E+07	CHR4:10410347	SSF x LoA	-9,65082221	-0,017	0,314
CHR4	1E+07	CHR4:10410354	SSF x LoA	-10,0097695	0,045	0,293

CHR4	1E+07	CHR4:10410408	SSF x LoA	-8,44584334	-0,108	0,298
CHR4	1E+07	CHR4:10410434	SSF x LoA	-8,86068679	-0,069	0,292
CHR4	1E+07	CHR4:10410441	SSF x LoA	-8,90193666	-0,024	0,310
CHR4	1E+07	CHR4:10410455	SSF x LoA	-9,71695046	-0,012	0,310
CHR4	1041383	CHR4:1041383	SSF x LoA	-9,87415776	0,035	0,305
CHR4	1E+07	CHR4:10415438	SSF x LoA	-11,5514139	0,033	0,311
CHR4	1E+07	CHR4:10415503	SSF x LoA	-2,65198593	0,045	0,312
CHR4	1E+07	CHR4:10415524	SSF x LoA	-7,82340823	0,005	0,313
CHR4	1E+07	CHR4:10415571	SSF x LoA	-9,96688265	0,051	0,294
CHR4	1E+07	CHR4:10416373	SSF x LoA	-7,67023619	0,077	0,311
CHR4	1E+07	CHR4:10419137	SSF x LoA	-11,6436607	0,003	0,317
CHR4	1E+07	CHR4:10419139	SSF x LoA	-10,5844918	0,019	0,304
CHR4	1E+07	CHR4:10419140	SSF x LoA	-11,3290289	-0,012	0,318
CHR4	1E+07	CHR4:10425810	SSF x LoA	-8,50962809	0,032	0,306
CHR4	1E+07	CHR4:10425844	SSF x LoA	-4,04265109	0,030	0,306
CHR4	1E+07	CHR4:10425865	SSF x LoA	-8,06114122	0,030	0,306
CHR4	1E+07	CHR4:10425868	SSF x LoA	-10,0776627	-0,042	0,303
CHR4	1E+07	CHR4:10425924	SSF x LoA	-11,0874771	-0,042	0,316
CHR4	1E+07	CHR4:10432475	SSF x LoA	-9,90043401	-0,058	0,309
CHR4	1E+07	CHR4:10432497	SSF x LoA	-9,29534858	0,032	0,296
CHR4	1E+07	CHR4:10432543	SSF x LoA	-11,4303252	-0,086	0,302
CHR4	1E+07	CHR4:10432572	SSF x LoA	-9,45923675	-0,103	0,314
CHR4	1E+07	CHR4:10432574	SSF x LoA	-9,76610906	-0,089	0,293
CHR4	1E+07	CHR4:10432576	SSF x LoA	-8,95294219	-0,073	0,304
CHR4	1E+07	CHR4:10443018	SSF x LoA	-5,39740707	0,005	0,311
CHR4	1E+07	CHR4:10443033	SSF x LoA	-10,1489875	0,059	0,307
CHR4	1E+07	CHR4:10443069	SSF x LoA	-11,2628363	-0,010	0,303
CHR4	1E+07	CHR4:10464563	SSF x LoA	-12,3061557	-0,008	0,301
CHR4	1047056	CHR4:1047056	SSF x LoA	-9,64945984	-0,021	0,307
CHR4	1E+07	CHR4:10470605	SSF x LoA	-7,03020877	0,192	0,293
CHR4	1E+07	CHR4:10476766	SSF x LoA	-9,26174669	-0,011	0,298
CHR4	1E+07	CHR4:10476892	SSF x LoA	-10,0669841	-0,004	0,305
CHR4	1E+07	CHR4:10476932	SSF x LoA	-7,93217878	-0,027	0,303
CHR4	1E+07	CHR4:10476935	SSF x LoA	-8,23977759	0,035	0,327
CHR4	1E+07	CHR4:10499573	SSF x LoA	-10,5068296	0,053	0,309
CHR4	1E+07	CHR4:10499592	SSF x LoA	-11,9756976	0,056	0,297
CHR4	1E+07	CHR4:10499602	SSF x LoA	-10,3847735	-0,016	0,314
CHR4	1E+07	CHR4:10499613	SSF x LoA	-7,95256636	-0,014	0,321
CHR4	10501262	CHR4:10501262	SSF x LoA	-9,76536507	0,021	0,314
CHR4	10501287	CHR4:10501287	SSF x LoA	-7,02329574	0,083	0,310
CHR4	10501326	CHR4:10501326	SSF x LoA	-7,88401051	-0,032	0,311
CHR4	10514537	CHR4:10514537	SSF x LoA	-5,93700428	0,095	0,298
CHR4	10514538	CHR4:10514538	SSF x LoA	-7,36655256	0,084	0,306
CHR4	10514549	CHR4:10514549	SSF x LoA	-7,49036504	-0,058	0,297
CHR4	10514615	CHR4:10514615	SSF x LoA	-9,81050116	-0,020	0,309
CHR4	10514755	CHR4:10514755	SSF x LoA	-10,1710559	-0,074	0,307
CHR4	10521597	CHR4:10521597	SSF x LoA	-7,95094019	0,076	0,308
CHR4	10521600	CHR4:10521600	SSF x LoA	-1,3467498	0,070	0,314
CHR4	10524788	CHR4:10524788	SSF x LoA	-8,57252422	0,054	0,303
CHR4	10529023	CHR4:10529023	SSF x LoA	-9,58566617	-0,011	0,317
CHR4	10547007	CHR4:10547007	SSF x LoA	-8,2420663	-0,165	0,291
CHR4	10550122	CHR4:10550122	SSF x LoA	-9,6818961	-0,120	0,292
CHR4	10555225	CHR4:10555225	SSF x LoA	-8,54968707	-0,024	0,308

CHR4	10555227	CHR4:10555227	SSF x LoA	-10,1230944	-0,035	0,310
CHR4	10555260	CHR4:10555260	SSF x LoA	-7,40371216	-0,068	0,309
CHR4	10555317	CHR4:10555317	SSF x LoA	-7,53921649	0,099	0,291
CHR4	10555374	CHR4:10555374	SSF x LoA	-9,23836351	0,062	0,293
CHR4	10555412	CHR4:10555412	SSF x LoA	-10,4682753	-0,024	0,319
CHR4	10555449	CHR4:10555449	SSF x LoA	-9,07894598	0,053	0,300
CHR4	10558816	CHR4:10558816	SSF x LoA	-6,03074487	0,032	0,313
CHR4	10558925	CHR4:10558925	SSF x LoA	-9,79578337	0,031	0,304
CHR4	10558936	CHR4:10558936	SSF x LoA	-10,654212	0,002	0,297
CHR4	10558938	CHR4:10558938	SSF x LoA	-9,9771836	-0,005	0,308
CHR4	10558949	CHR4:10558949	SSF x LoA	-8,4425528	-0,103	0,310
CHR4	10558986	CHR4:10558986	SSF x LoA	-7,57055949	-0,114	0,299
CHR4	10559037	CHR4:10559037	SSF x LoA	-8,62271322	-0,078	0,316
CHR4	10574021	CHR4:10574021	SSF x LoA	-6,21044049	-0,023	0,314
CHR4	10583763	CHR4:10583763	SSF x LoA	-9,60261543	0,083	0,304
CHR4	10585999	CHR4:10585999	SSF x LoA	-8,7550939	-0,039	0,303
CHR4	10586038	CHR4:10586038	SSF x LoA	-9,54568329	-0,003	0,297
CHR4	10586054	CHR4:10586054	SSF x LoA	-8,48212211	-0,070	0,304
CHR4	10588108	CHR4:10588108	SSF x LoA	-9,84965129	0,016	0,308
CHR4	10591222	CHR4:10591222	SSF x LoA	-10,5505422	-0,006	0,316
CHR4	10591317	CHR4:10591317	SSF x LoA	-9,45516076	0,115	0,293
CHR4	10591405	CHR4:10591405	SSF x LoA	-10,7164435	-0,021	0,316
CHR4	10591438	CHR4:10591438	SSF x LoA	-8,95313373	0,095	0,291
CHR4	10591439	CHR4:10591439	SSF x LoA	-6,07076254	0,022	0,314
CHR4	10608832	CHR4:10608832	SSF x LoA	-10,0470042	-0,012	0,313
CHR4	10608907	CHR4:10608907	SSF x LoA	-3,4745631	-0,114	0,310
CHR4	10608945	CHR4:10608945	SSF x LoA	-8,38288927	0,094	0,305
CHR4	10608961	CHR4:10608961	SSF x LoA	-9,84945376	0,036	0,307
CHR4	10609027	CHR4:10609027	SSF x LoA	-9,7046976	-0,026	0,312
CHR4	10609040	CHR4:10609040	SSF x LoA	-8,56362196	-0,033	0,311
CHR4	10609069	CHR4:10609069	SSF x LoA	-10,5811835	-0,058	0,306
CHR4	10613290	CHR4:10613290	SSF x LoA	-11,0678912	0,013	0,308
CHR4	10613533	CHR4:10613533	SSF x LoA	-7,46300826	0,055	0,307
CHR4	10614939	CHR4:10614939	SSF x LoA	-10,2977206	-0,030	0,320
CHR4	10614998	CHR4:10614998	SSF x LoA	-9,11845001	0,001	0,308
CHR4	10622143	CHR4:10622143	SSF x LoA	-8,68994556	-0,057	0,314
CHR4	10622166	CHR4:10622166	SSF x LoA	-6,52933256	-0,004	0,300
CHR4	10622246	CHR4:10622246	SSF x LoA	-12,1050461	0,019	0,313
CHR4	10622272	CHR4:10622272	SSF x LoA	-9,34460154	0,063	0,300
CHR4	10622296	CHR4:10622296	SSF x LoA	-8,48155277	-0,051	0,297
CHR4	10622333	CHR4:10622333	SSF x LoA	-7,97029389	0,027	0,301
CHR4	10622337	CHR4:10622337	SSF x LoA	-8,53993272	0,023	0,321
CHR4	10637437	CHR4:10637437	SSF x LoA	-9,16281729	-0,005	0,304
CHR4	10637438	CHR4:10637438	SSF x LoA	-8,85204176	-0,023	0,297
CHR4	10637445	CHR4:10637445	SSF x LoA	-7,41160207	-0,025	0,296
CHR4	10637476	CHR4:10637476	SSF x LoA	-7,87750826	-0,014	0,302
CHR4	10637590	CHR4:10637590	SSF x LoA	-11,1280017	0,085	0,306
CHR4	1064240	CHR4:1064240	SSF x LoA	-7,04309065	0,162	0,298
CHR4	10650078	CHR4:10650078	SSF x LoA	-9,75205093	-0,019	0,289
CHR4	10650126	CHR4:10650126	SSF x LoA	-7,76245082	-0,006	0,307
CHR4	10650206	CHR4:10650206	SSF x LoA	-9,69753375	0,046	0,304
CHR4	10654621	CHR4:10654621	SSF x LoA	-8,10934306	0,022	0,308
CHR4	10654625	CHR4:10654625	SSF x LoA	-8,58856524	-0,030	0,304

CHR4	10666225	CHR4:10666225	SSF x LoA	-11,5546488	0,024	0,306
CHR4	10666227	CHR4:10666227	SSF x LoA	-7,55915271	-0,023	0,308
CHR4	10666261	CHR4:10666261	SSF x LoA	-10,1820734	0,058	0,314
CHR4	10666268	CHR4:10666268	SSF x LoA	-9,48684615	0,083	0,303
CHR4	10666331	CHR4:10666331	SSF x LoA	-11,2053277	0,007	0,304
CHR4	10667660	CHR4:10667660	SSF x LoA	-1,79373431	0,199	0,299
CHR4	10667697	CHR4:10667697	SSF x LoA	-10,2295968	-0,041	0,302
CHR4	10667781	CHR4:10667781	SSF x LoA	-11,5704192	0,031	0,311
CHR4	10667833	CHR4:10667833	SSF x LoA	-8,85996761	0,033	0,304
CHR4	10667873	CHR4:10667873	SSF x LoA	-6,79432115	-0,150	0,295
CHR4	10671070	CHR4:10671070	SSF x LoA	-8,05135599	0,084	0,303
CHR4	10671103	CHR4:10671103	SSF x LoA	-9,43163356	0,059	0,308
CHR4	10671109	CHR4:10671109	SSF x LoA	-11,6314002	0,011	0,310
CHR4	10671128	CHR4:10671128	SSF x LoA	-8,61042732	-0,041	0,300
CHR4	10671150	CHR4:10671150	SSF x LoA	-10,7907188	0,050	0,307
CHR4	10671156	CHR4:10671156	SSF x LoA	-9,06896503	0,067	0,309
CHR4	10671202	CHR4:10671202	SSF x LoA	-8,57175083	-0,085	0,311
CHR4	10679393	CHR4:10679393	SSF x LoA	-7,21842393	0,039	0,310
CHR4	1067943	CHR4:1067943	SSF x LoA	-7,6207543	-0,107	0,291
CHR4	10683873	CHR4:10683873	SSF x LoA	-5,43798377	-0,180	0,301
CHR4	10683886	CHR4:10683886	SSF x LoA	-10,8781986	-0,024	0,308
CHR4	10683956	CHR4:10683956	SSF x LoA	-7,63942911	-0,038	0,308
CHR4	10687067	CHR4:10687067	SSF x LoA	-8,64498159	0,137	0,303
CHR4	10687194	CHR4:10687194	SSF x LoA	-9,41035288	0,007	0,324
CHR4	10687283	CHR4:10687283	SSF x LoA	-10,7771464	-0,012	0,312
CHR4	10689700	CHR4:10689700	SSF x LoA	-8,47418005	0,060	0,323
CHR4	10689708	CHR4:10689708	SSF x LoA	-8,97974624	-0,034	0,303
CHR4	10692482	CHR4:10692482	SSF x LoA	-12,3621845	0,054	0,304
CHR4	10692484	CHR4:10692484	SSF x LoA	-9,06894979	0,017	0,311
CHR4	10692664	CHR4:10692664	SSF x LoA	-10,6373221	0,025	0,306
CHR4	10692666	CHR4:10692666	SSF x LoA	-10,5697169	0,031	0,302
CHR4	10714052	CHR4:10714052	SSF x LoA	-11,1351656	-0,001	0,293
CHR4	10714194	CHR4:10714194	SSF x LoA	-12,2576193	-0,001	0,302
CHR4	10718586	CHR4:10718586	SSF x LoA	-9,36578439	-0,004	0,318
CHR4	10718599	CHR4:10718599	SSF x LoA	-9,12008746	-0,059	0,316
CHR4	10718621	CHR4:10718621	SSF x LoA	-11,1642174	0,055	0,326
CHR4	10718628	CHR4:10718628	SSF x LoA	-10,4807316	-0,033	0,302
CHR4	10718629	CHR4:10718629	SSF x LoA	-11,5922993	0,011	0,300
CHR4	10718671	CHR4:10718671	SSF x LoA	-10,6420916	0,044	0,298
CHR4	10718686	CHR4:10718686	SSF x LoA	-8,30391514	0,029	0,317
CHR4	10718785	CHR4:10718785	SSF x LoA	-9,6815703	-0,010	0,313
CHR4	10718817	CHR4:10718817	SSF x LoA	-5,81438391	0,023	0,307
CHR4	10718820	CHR4:10718820	SSF x LoA	-7,36097685	0,086	0,302
CHR4	10718842	CHR4:10718842	SSF x LoA	-8,07361705	-0,094	0,305
CHR4	10722107	CHR4:10722107	SSF x LoA	-10,142573	-0,107	0,292
CHR4	10722211	CHR4:10722211	SSF x LoA	-11,5107871	0,005	0,320
CHR4	10723410	CHR4:10723410	SSF x LoA	-12,037913	-0,092	0,311
CHR4	10739278	CHR4:10739278	SSF x LoA	-10,5202644	0,098	0,304
CHR4	10739503	CHR4:10739503	SSF x LoA	-9,49192671	0,045	0,304
CHR4	10739505	CHR4:10739505	SSF x LoA	-9,09349436	0,140	0,295
CHR4	10739577	CHR4:10739577	SSF x LoA	-10,4209536	-0,087	0,312
CHR4	10742796	CHR4:10742796	SSF x LoA	-3,21735676	-0,166	0,318
CHR4	10742804	CHR4:10742804	SSF x LoA	-3,85781962	0,121	0,297

CHR4	10742835	CHR4:10742835	SSF x LoA	-7,02370622	0,154	0,311
CHR4	10742845	CHR4:10742845	SSF x LoA	-8,51715674	-0,119	0,316
CHR4	10742875	CHR4:10742875	SSF x LoA	-10,3058538	0,028	0,303
CHR4	10742921	CHR4:10742921	SSF x LoA	-8,16288436	0,052	0,328
CHR4	10749718	CHR4:10749718	SSF x LoA	-7,01940025	-0,052	0,309
CHR4	10749987	CHR4:10749987	SSF x LoA	-9,98565225	0,037	0,302
CHR4	10755459	CHR4:10755459	SSF x LoA	-10,1426564	-0,086	0,308
CHR4	10755498	CHR4:10755498	SSF x LoA	-8,95947124	0,067	0,308
CHR4	10755561	CHR4:10755561	SSF x LoA	-8,14665815	-0,117	0,306
CHR4	10755622	CHR4:10755622	SSF x LoA	-8,33647862	0,003	0,319
CHR4	10755628	CHR4:10755628	SSF x LoA	-5,29610344	0,038	0,315
CHR4	10755676	CHR4:10755676	SSF x LoA	-8,11484692	-0,073	0,304
CHR4	10755702	CHR4:10755702	SSF x LoA	-10,0996959	-0,030	0,309
CHR4	10761582	CHR4:10761582	SSF x LoA	-12,3229182	-0,028	0,302
CHR4	10761637	CHR4:10761637	SSF x LoA	-8,25690983	0,110	0,298
CHR4	10766100	CHR4:10766100	SSF x LoA	-11,1328727	0,011	0,311
CHR4	10766153	CHR4:10766153	SSF x LoA	-10,3706573	0,019	0,318
CHR4	10766174	CHR4:10766174	SSF x LoA	-9,28197202	-0,013	0,307
CHR4	10766176	CHR4:10766176	SSF x LoA	-11,9646323	0,017	0,311
CHR4	10766344	CHR4:10766344	SSF x LoA	-9,43139699	-0,028	0,301
CHR4	10766347	CHR4:10766347	SSF x LoA	-9,75056599	0,073	0,301
CHR4	10766356	CHR4:10766356	SSF x LoA	-8,0327335	-0,007	0,309
CHR4	10766363	CHR4:10766363	SSF x LoA	-11,7138822	-0,035	0,313
CHR4	10766364	CHR4:10766364	SSF x LoA	-10,4451701	-0,036	0,301
CHR4	10766365	CHR4:10766365	SSF x LoA	-9,97144181	0,008	0,298
CHR4	10766410	CHR4:10766410	SSF x LoA	-4,01890714	0,193	0,302
CHR4	10768296	CHR4:10768296	SSF x LoA	-8,52369175	-0,021	0,306
CHR4	10768340	CHR4:10768340	SSF x LoA	-8,80155329	0,001	0,309
CHR4	10768341	CHR4:10768341	SSF x LoA	-9,10823031	0,006	0,303
CHR4	10768455	CHR4:10768455	SSF x LoA	-9,04013969	-0,063	0,309
CHR4	10768468	CHR4:10768468	SSF x LoA	-10,0649739	0,104	0,300
CHR4	10768517	CHR4:10768517	SSF x LoA	-10,5974609	-0,027	0,312
CHR4	10790594	CHR4:10790594	SSF x LoA	-8,98944277	-0,025	0,305
CHR4	10795823	CHR4:10795823	SSF x LoA	-8,91319688	-0,056	0,305
CHR4	10795843	CHR4:10795843	SSF x LoA	-9,42361604	0,024	0,311
CHR4	10799209	CHR4:10799209	SSF x LoA	-8,60364464	-0,028	0,313
CHR4	10799225	CHR4:10799225	SSF x LoA	-8,42860437	-0,097	0,301
CHR4	10799232	CHR4:10799232	SSF x LoA	-9,9040125	0,046	0,303
CHR4	10801249	CHR4:10801249	SSF x LoA	-10,3459418	0,019	0,290
CHR4	10818888	CHR4:10818888	SSF x LoA	-11,097004	0,098	0,304
CHR4	10828056	CHR4:10828056	SSF x LoA	-7,87436865	0,059	0,303
CHR4	10831408	CHR4:10831408	SSF x LoA	-9,1077494	-0,017	0,303
CHR4	10831459	CHR4:10831459	SSF x LoA	-10,6764253	-0,052	0,298
CHR4	10833794	CHR4:10833794	SSF x LoA	-10,9127251	-0,052	0,310
CHR4	10833891	CHR4:10833891	SSF x LoA	-10,1042829	-0,024	0,299
CHR4	10833915	CHR4:10833915	SSF x LoA	-9,36458619	0,027	0,310
CHR4	10833967	CHR4:10833967	SSF x LoA	-10,5664457	0,032	0,291
CHR4	10833969	CHR4:10833969	SSF x LoA	-10,1971602	0,002	0,310
CHR4	10833986	CHR4:10833986	SSF x LoA	-9,76479148	0,027	0,311
CHR4	10833987	CHR4:10833987	SSF x LoA	-8,06608796	0,022	0,309
CHR4	10838578	CHR4:10838578	SSF x LoA	-9,63646381	-0,033	0,311
CHR4	10841172	CHR4:10841172	SSF x LoA	-9,37532943	-0,045	0,307
CHR4	10841266	CHR4:10841266	SSF x LoA	-10,7930241	-0,008	0,318

CHR4	10841283	CHR4:10841283	SSF x LoA	-6,52160374	-0,079	0,308
CHR4	10841289	CHR4:10841289	SSF x LoA	-10,7992634	-0,009	0,318
CHR4	10841297	CHR4:10841297	SSF x LoA	-9,21526353	-0,041	0,293
CHR4	10841327	CHR4:10841327	SSF x LoA	-8,94206665	-0,095	0,300
CHR4	10850636	CHR4:10850636	SSF x LoA	-10,0231784	0,024	0,314
CHR4	10867569	CHR4:10867569	SSF x LoA	-10,4474422	-0,039	0,298
CHR4	10867779	CHR4:10867779	SSF x LoA	-11,3879332	-0,077	0,314
CHR4	10867790	CHR4:10867790	SSF x LoA	-7,98783246	-0,065	0,319
CHR4	10867827	CHR4:10867827	SSF x LoA	-7,84369628	0,162	0,287
CHR4	10872362	CHR4:10872362	SSF x LoA	-7,71541115	0,029	0,315
CHR4	10872595	CHR4:10872595	SSF x LoA	-8,42420705	0,038	0,309
CHR4	10881019	CHR4:10881019	SSF x LoA	2,91618677	0,059	0,320
CHR4	10882983	CHR4:10882983	SSF x LoA	-6,67516514	-0,007	0,323
CHR4	10883035	CHR4:10883035	SSF x LoA	-7,99033408	-0,003	0,308
CHR4	10883036	CHR4:10883036	SSF x LoA	-9,2977589	-0,005	0,302
CHR4	10883072	CHR4:10883072	SSF x LoA	-9,95756775	0,002	0,300
CHR4	10894211	CHR4:10894211	SSF x LoA	-9,30335695	0,043	0,309
CHR4	10912242	CHR4:10912242	SSF x LoA	-10,9509048	-0,032	0,318
CHR4	10912245	CHR4:10912245	SSF x LoA	-9,65580426	0,043	0,301
CHR4	10912269	CHR4:10912269	SSF x LoA	-8,56751305	0,045	0,308
CHR4	10912295	CHR4:10912295	SSF x LoA	-8,40338676	0,047	0,313
CHR4	10916910	CHR4:10916910	SSF x LoA	-10,3839693	-0,044	0,313
CHR4	10917007	CHR4:10917007	SSF x LoA	-10,3253549	0,013	0,300
CHR4	10917049	CHR4:10917049	SSF x LoA	-7,62965087	-0,026	0,311
CHR4	10917155	CHR4:10917155	SSF x LoA	-6,82594808	-0,048	0,313
CHR4	10919437	CHR4:10919437	SSF x LoA	-8,51856787	0,122	0,309
CHR4	10919469	CHR4:10919469	SSF x LoA	-8,72554039	0,054	0,317
CHR4	10939487	CHR4:10939487	SSF x LoA	-5,17027034	0,043	0,310
CHR4	10965251	CHR4:10965251	SSF x LoA	-10,0612096	-0,063	0,312
CHR4	10965300	CHR4:10965300	SSF x LoA	-12,2088785	0,058	0,313
CHR4	10967097	CHR4:10967097	SSF x LoA	-7,91898653	-0,174	0,308
CHR4	10970751	CHR4:10970751	SSF x LoA	-7,54183742	-0,110	0,308
CHR4	10970849	CHR4:10970849	SSF x LoA	-9,2593232	0,065	0,325
CHR4	10970864	CHR4:10970864	SSF x LoA	-9,65573668	0,136	0,305
CHR4	10977025	CHR4:10977025	SSF x LoA	-9,75787287	-0,002	0,309
CHR4	10977043	CHR4:10977043	SSF x LoA	-9,85759153	-0,113	0,289
CHR4	10977101	CHR4:10977101	SSF x LoA	-9,59192453	-0,040	0,318
CHR4	10977206	CHR4:10977206	SSF x LoA	-10,6285976	-0,010	0,318
CHR4	10977298	CHR4:10977298	SSF x LoA	-8,42013637	0,046	0,312
CHR4	10977341	CHR4:10977341	SSF x LoA	-11,7843812	0,011	0,301
CHR4	10979163	CHR4:10979163	SSF x LoA	-10,4839942	0,069	0,312
CHR4	10979222	CHR4:10979222	SSF x LoA	-8,20330543	-0,087	0,302
CHR4	10979298	CHR4:10979298	SSF x LoA	-10,9408199	-0,061	0,320
CHR4	10979388	CHR4:10979388	SSF x LoA	-7,25696609	0,041	0,311
CHR4	10979419	CHR4:10979419	SSF x LoA	-9,12093948	0,031	0,304
CHR4	10979497	CHR4:10979497	SSF x LoA	-7,62325181	-0,123	0,306
CHR4	1098424	CHR4:1098424	SSF x LoA	-8,10664842	0,142	0,303
CHR4	1098587	CHR4:1098587	SSF x LoA	-10,2723252	-0,157	0,299
CHR4	1098705	CHR4:1098705	SSF x LoA	-9,93673008	-0,082	0,307
CHR4	10990696	CHR4:10990696	SSF x LoA	-9,06192094	-0,011	0,308
CHR4	10990698	CHR4:10990698	SSF x LoA	-8,90274353	-0,003	0,303
CHR4	10990699	CHR4:10990699	SSF x LoA	-9,63093849	-0,001	0,302
CHR4	10990741	CHR4:10990741	SSF x LoA	-8,51470267	0,045	0,319

CHR4	10990755	CHR4:10990755	SSF x LoA	-8,21675209	0,046	0,305
CHR4	10991110	CHR4:10991110	SSF x LoA	-8,0642023	0,098	0,298
CHR4	10991174	CHR4:10991174	SSF x LoA	-9,31071024	0,036	0,310
CHR4	10991179	CHR4:10991179	SSF x LoA	-8,31467321	0,068	0,290
CHR4	1100679	CHR4:1100679	SSF x LoA	-4,69901114	-0,027	0,303
CHR4	1100711	CHR4:1100711	SSF x LoA	-5,81087541	-0,146	0,310
CHR4	1100725	CHR4:1100725	SSF x LoA	-9,21685309	-0,113	0,307
CHR4	11016123	CHR4:11016123	SSF x LoA	-11,8794144	0,063	0,307
CHR4	11016222	CHR4:11016222	SSF x LoA	-10,1484559	0,006	0,317
CHR4	11018049	CHR4:11018049	SSF x LoA	-10,0701033	-0,034	0,307
CHR4	11039677	CHR4:11039677	SSF x LoA	-4,03382699	0,137	0,303
CHR4	11039720	CHR4:11039720	SSF x LoA	-10,7679616	0,044	0,303
CHR4	11039794	CHR4:11039794	SSF x LoA	-12,0442989	0,005	0,307
CHR4	11046691	CHR4:11046691	SSF x LoA	-10,8427359	-0,004	0,301
CHR4	11047726	CHR4:11047726	SSF x LoA	-9,91272343	0,017	0,297
CHR4	11047763	CHR4:11047763	SSF x LoA	-0,8952638	-0,089	0,309
CHR4	11047770	CHR4:11047770	SSF x LoA	-8,88629567	0,126	0,309
CHR4	11047791	CHR4:11047791	SSF x LoA	-9,00013339	0,003	0,310
CHR4	11047880	CHR4:11047880	SSF x LoA	-11,3082013	-0,017	0,309
CHR4	11047910	CHR4:11047910	SSF x LoA	-8,35790657	0,018	0,309
CHR4	11069095	CHR4:11069095	SSF x LoA	-8,75936845	-0,106	0,303
CHR4	11069118	CHR4:11069118	SSF x LoA	-8,15038406	0,058	0,311
CHR4	11069173	CHR4:11069173	SSF x LoA	-9,09975357	0,082	0,312
CHR4	11069176	CHR4:11069176	SSF x LoA	-7,71723977	-0,011	0,295
CHR4	1107887	CHR4:1107887	SSF x LoA	-6,70041017	-0,129	0,303
CHR4	1107936	CHR4:1107936	SSF x LoA	-8,83033939	-0,157	0,290
CHR4	1107980	CHR4:1107980	SSF x LoA	-5,16163495	-0,163	0,296
CHR4	11090367	CHR4:11090367	SSF x LoA	-7,50946785	-0,061	0,310
CHR4	11090521	CHR4:11090521	SSF x LoA	-9,1592794	-0,038	0,298
CHR4	11090539	CHR4:11090539	SSF x LoA	-9,50670234	0,117	0,299
CHR4	11090757	CHR4:11090757	SSF x LoA	-9,71066497	0,018	0,296
CHR4	11090758	CHR4:11090758	SSF x LoA	-9,34410043	0,030	0,309
CHR4	11090760	CHR4:11090760	SSF x LoA	-8,04927094	0,006	0,315
CHR4	11090761	CHR4:11090761	SSF x LoA	-9,8458362	0,089	0,312
CHR4	11090765	CHR4:11090765	SSF x LoA	-8,56593074	0,125	0,309
CHR4	11090792	CHR4:11090792	SSF x LoA	-9,61241297	0,023	0,301
CHR4	11090834	CHR4:11090834	SSF x LoA	-8,49156565	0,017	0,301
CHR4	11090835	CHR4:11090835	SSF x LoA	-10,6589502	0,033	0,288
CHR4	11097444	CHR4:11097444	SSF x LoA	-9,55227824	0,009	0,305
CHR4	11097685	CHR4:11097685	SSF x LoA	-8,86051864	-0,049	0,305
CHR4	11100564	CHR4:11100564	SSF x LoA	-10,0467796	0,069	0,313
CHR4	11100566	CHR4:11100566	SSF x LoA	-8,89992155	0,039	0,296
CHR4	11100642	CHR4:11100642	SSF x LoA	-9,23385023	0,011	0,311
CHR4	11100647	CHR4:11100647	SSF x LoA	-8,81892441	-0,013	0,316
CHR4	11100658	CHR4:11100658	SSF x LoA	-10,0271489	0,005	0,305
CHR4	11105019	CHR4:11105019	SSF x LoA	-8,71930369	-0,018	0,295
CHR4	11105035	CHR4:11105035	SSF x LoA	-11,9249569	0,030	0,302
CHR4	11105043	CHR4:11105043	SSF x LoA	-11,3365037	0,083	0,303
CHR4	11110057	CHR4:11110057	SSF x LoA	-10,4350041	0,054	0,313
CHR4	11110059	CHR4:11110059	SSF x LoA	-8,86278343	-0,071	0,309
CHR4	11110083	CHR4:11110083	SSF x LoA	-10,3133503	0,047	0,324
CHR4	11110107	CHR4:11110107	SSF x LoA	-10,9926479	-0,021	0,305
CHR4	11110130	CHR4:11110130	SSF x LoA	-7,65584384	0,130	0,293

CHR4	11110173	CHR4:11110173	SSF x LoA	-10,0734014	0,031	0,305
CHR4	11110239	CHR4:11110239	SSF x LoA	-9,3490022	0,083	0,300
CHR4	1111043	CHR4:1111043	SSF x LoA	-9,02279503	0,076	0,326
CHR4	11113981	CHR4:11113981	SSF x LoA	-9,17889365	0,106	0,292
CHR4	11113996	CHR4:11113996	SSF x LoA	-9,93820936	0,013	0,299
CHR4	11114011	CHR4:11114011	SSF x LoA	-10,1285368	-0,017	0,288
CHR4	11114043	CHR4:11114043	SSF x LoA	-10,1511743	-0,093	0,292
CHR4	11114102	CHR4:11114102	SSF x LoA	-8,12904645	0,000	0,299
CHR4	11114104	CHR4:11114104	SSF x LoA	-7,26711728	0,025	0,301
CHR4	11114132	CHR4:11114132	SSF x LoA	-8,78069804	-0,044	0,290
CHR4	11114148	CHR4:11114148	SSF x LoA	-10,3898649	0,025	0,304
CHR4	11114160	CHR4:11114160	SSF x LoA	-8,93238372	-0,051	0,303
CHR4	11114176	CHR4:11114176	SSF x LoA	-6,65185887	-0,011	0,311
CHR4	11114182	CHR4:11114182	SSF x LoA	-9,76924063	-0,021	0,313
CHR4	11114201	CHR4:11114201	SSF x LoA	-9,4256668	0,038	0,303
CHR4	11114213	CHR4:11114213	SSF x LoA	-9,94521016	-0,088	0,291
CHR4	11114304	CHR4:11114304	SSF x LoA	-10,839333	0,013	0,296
CHR4	11121877	CHR4:11121877	SSF x LoA	-9,6906383	0,091	0,305
CHR4	11122083	CHR4:11122083	SSF x LoA	-10,5622794	-0,045	0,294
CHR4	11125638	CHR4:11125638	SSF x LoA	-8,06378215	-0,113	0,300
CHR4	11125697	CHR4:11125697	SSF x LoA	-2,92483757	-0,100	0,311
CHR4	11125704	CHR4:11125704	SSF x LoA	-9,72539318	0,048	0,316
CHR4	11125808	CHR4:11125808	SSF x LoA	-7,54803471	-0,137	0,310
CHR4	11130662	CHR4:11130662	SSF x LoA	-8,66291746	-0,192	0,293
CHR4	11139905	CHR4:11139905	SSF x LoA	-9,33547034	-0,028	0,296
CHR4	11139916	CHR4:11139916	SSF x LoA	-9,79548217	-0,071	0,315
CHR4	11139931	CHR4:11139931	SSF x LoA	-9,07300354	-0,066	0,301
CHR4	11139932	CHR4:11139932	SSF x LoA	-8,24877141	-0,108	0,314
CHR4	11155090	CHR4:11155090	SSF x LoA	-9,53384511	-0,024	0,297
CHR4	11155118	CHR4:11155118	SSF x LoA	-11,263243	0,076	0,298
CHR4	11155154	CHR4:11155154	SSF x LoA	-7,54023039	-0,091	0,315
CHR4	1115519	CHR4:1115519	SSF x LoA	-10,9181447	-0,126	0,301
CHR4	11155430	CHR4:11155430	SSF x LoA	-10,8704336	-0,127	0,304
CHR4	1115554	CHR4:1115554	SSF x LoA	4,97084523	-0,170	0,293
CHR4	1115725	CHR4:1115725	SSF x LoA	-11,1436499	0,024	0,314
CHR4	11161093	CHR4:11161093	SSF x LoA	-5,70117488	-0,187	0,296
CHR4	11161189	CHR4:11161189	SSF x LoA	-9,14380258	0,003	0,314
CHR4	11162337	CHR4:11162337	SSF x LoA	-7,9546635	0,019	0,307
CHR4	11162443	CHR4:11162443	SSF x LoA	-10,1516547	-0,021	0,321
CHR4	11173828	CHR4:11173828	SSF x LoA	-9,49271782	-0,075	0,298
CHR4	11173832	CHR4:11173832	SSF x LoA	-1,15313787	0,022	0,300
CHR4	11173877	CHR4:11173877	SSF x LoA	-8,34244545	0,043	0,303
CHR4	11173900	CHR4:11173900	SSF x LoA	-9,23677795	-0,119	0,303
CHR4	11173944	CHR4:11173944	SSF x LoA	-8,82800428	0,094	0,302
CHR4	11173963	CHR4:11173963	SSF x LoA	-8,79207232	0,081	0,310
CHR4	11174007	CHR4:11174007	SSF x LoA	-8,85815527	0,161	0,310
CHR4	11178181	CHR4:11178181	SSF x LoA	-11,0920288	0,032	0,308
CHR4	11182629	CHR4:11182629	SSF x LoA	-9,27118945	0,030	0,308
CHR4	11182758	CHR4:11182758	SSF x LoA	-8,83431121	-0,082	0,318
CHR4	11189119	CHR4:11189119	SSF x LoA	-8,94943981	-0,027	0,297
CHR4	11189131	CHR4:11189131	SSF x LoA	-3,87138091	0,037	0,320
CHR4	11189141	CHR4:11189141	SSF x LoA	-5,86299098	-0,058	0,315
CHR4	11189167	CHR4:11189167	SSF x LoA	-8,40992084	0,003	0,300

CHR4	11189172	CHR4:11189172	SSF x LoA	-10,7677461	0,046	0,302
CHR4	11189176	CHR4:11189176	SSF x LoA	-10,0613997	0,044	0,311
CHR4	11189270	CHR4:11189270	SSF x LoA	-10,2566831	0,074	0,302
CHR4	11189315	CHR4:11189315	SSF x LoA	-8,31071315	0,028	0,309
CHR4	11193540	CHR4:11193540	SSF x LoA	-9,42310967	0,067	0,301
CHR4	11193615	CHR4:11193615	SSF x LoA	-10,6409863	0,037	0,318
CHR4	11193681	CHR4:11193681	SSF x LoA	-9,72317462	-0,088	0,301
CHR4	11193714	CHR4:11193714	SSF x LoA	-7,75722355	-0,018	0,322
CHR4	11193754	CHR4:11193754	SSF x LoA	-9,55847003	-0,055	0,303
CHR4	11197621	CHR4:11197621	SSF x LoA	-9,8467741	0,029	0,304
CHR4	11201068	CHR4:11201068	SSF x LoA	-10,0744605	-0,015	0,314
CHR4	1120288	CHR4:1120288	SSF x LoA	-9,11367215	0,029	0,323
CHR4	11202973	CHR4:11202973	SSF x LoA	-10,7177901	-0,044	0,312
CHR4	1120443	CHR4:1120443	SSF x LoA	-8,0417549	-0,094	0,319
CHR4	1120597	CHR4:1120597	SSF x LoA	-7,15172952	-0,030	0,320
CHR4	11207846	CHR4:11207846	SSF x LoA	-7,81712	0,060	0,298
CHR4	11209646	CHR4:11209646	SSF x LoA	-9,30129864	0,041	0,318
CHR4	11212588	CHR4:11212588	SSF x LoA	-10,2637052	0,068	0,301
CHR4	11212638	CHR4:11212638	SSF x LoA	-6,41028396	0,134	0,296
CHR4	11212654	CHR4:11212654	SSF x LoA	-10,2397082	0,097	0,304
CHR4	11213508	CHR4:11213508	SSF x LoA	-8,88985201	0,076	0,300
CHR4	11231156	CHR4:11231156	SSF x LoA	-10,633697	0,071	0,301
CHR4	11235856	CHR4:11235856	SSF x LoA	-5,54962567	0,043	0,314
CHR4	11236836	CHR4:11236836	SSF x LoA	-11,2400958	0,047	0,301
CHR4	11236871	CHR4:11236871	SSF x LoA	-7,54508396	0,015	0,304
CHR4	11236874	CHR4:11236874	SSF x LoA	-10,5009857	-0,056	0,307
CHR4	11236951	CHR4:11236951	SSF x LoA	-8,60241879	0,070	0,314
CHR4	11236991	CHR4:11236991	SSF x LoA	-7,97761737	0,077	0,307
CHR4	11237005	CHR4:11237005	SSF x LoA	-10,6638945	-0,052	0,292
CHR4	11237034	CHR4:11237034	SSF x LoA	-10,0210584	-0,073	0,314
CHR4	11237041	CHR4:11237041	SSF x LoA	-10,053169	0,036	0,310
CHR4	11237060	CHR4:11237060	SSF x LoA	-8,21656734	0,139	0,303
CHR4	11237062	CHR4:11237062	SSF x LoA	-9,96338425	-0,090	0,298
CHR4	11245042	CHR4:11245042	SSF x LoA	-8,53875867	0,110	0,302
CHR4	11245129	CHR4:11245129	SSF x LoA	-7,75869366	-0,109	0,311
CHR4	11245147	CHR4:11245147	SSF x LoA	-8,7624065	-0,086	0,309
CHR4	11245169	CHR4:11245169	SSF x LoA	-9,82071703	0,031	0,296
CHR4	11245244	CHR4:11245244	SSF x LoA	-9,42943684	0,036	0,300
CHR4	11245248	CHR4:11245248	SSF x LoA	-6,3168	-0,024	0,307
CHR4	11245270	CHR4:11245270	SSF x LoA	-9,60658096	0,051	0,293
CHR4	11245284	CHR4:11245284	SSF x LoA	-10,1574458	0,038	0,304
CHR4	11259252	CHR4:11259252	SSF x LoA	-10,2542324	-0,064	0,319
CHR4	11259313	CHR4:11259313	SSF x LoA	-11,7940707	0,024	0,311
CHR4	11259382	CHR4:11259382	SSF x LoA	-8,20612398	0,058	0,309
CHR4	11259484	CHR4:11259484	SSF x LoA	-11,6297047	0,007	0,310
CHR4	11259501	CHR4:11259501	SSF x LoA	-8,32147337	-0,055	0,307
CHR4	11259581	CHR4:11259581	SSF x LoA	-8,01838441	0,073	0,307
CHR4	11262133	CHR4:11262133	SSF x LoA	-5,57002644	-0,081	0,316
CHR4	11268937	CHR4:11268937	SSF x LoA	-3,47194602	0,211	0,291
CHR4	11268964	CHR4:11268964	SSF x LoA	-10,0880139	0,182	0,299
CHR4	11293038	CHR4:11293038	SSF x LoA	-9,53120714	0,003	0,299
CHR4	11293291	CHR4:11293291	SSF x LoA	-10,560222	0,048	0,319
CHR4	11295854	CHR4:11295854	SSF x LoA	-7,98679837	-0,012	0,311

CHR4	11295894	CHR4:11295894	SSF x LoA	-7,76166752	-0,066	0,314
CHR4	11295908	CHR4:11295908	SSF x LoA	-7,06648913	-0,196	0,288
CHR4	11295980	CHR4:11295980	SSF x LoA	-5,22683475	-0,182	0,307
CHR4	11302067	CHR4:11302067	SSF x LoA	-8,91258978	-0,019	0,309
CHR4	11302109	CHR4:11302109	SSF x LoA	-11,2221153	0,048	0,317
CHR4	11318750	CHR4:11318750	SSF x LoA	-9,64684733	-0,058	0,316
CHR4	11324022	CHR4:11324022	SSF x LoA	-9,27227668	-0,074	0,308
CHR4	11324055	CHR4:11324055	SSF x LoA	-8,78023903	0,096	0,302
CHR4	11324089	CHR4:11324089	SSF x LoA	-11,2189867	-0,065	0,303
CHR4	11324099	CHR4:11324099	SSF x LoA	-7,89189837	0,081	0,318
CHR4	11324135	CHR4:11324135	SSF x LoA	-11,1764659	-0,081	0,305
CHR4	11324140	CHR4:11324140	SSF x LoA	-7,65995224	-0,093	0,305
CHR4	1133061	CHR4:1133061	SSF x LoA	-10,4830741	0,123	0,317
CHR4	11340521	CHR4:11340521	SSF x LoA	-9,92564539	0,057	0,317
CHR4	11340573	CHR4:11340573	SSF x LoA	-11,6975488	0,016	0,297
CHR4	11340618	CHR4:11340618	SSF x LoA	-11,3338942	-0,112	0,306
CHR4	11341103	CHR4:11341103	SSF x LoA	-9,35377472	0,025	0,314
CHR4	11360772	CHR4:11360772	SSF x LoA	-11,9526875	-0,051	0,302
CHR4	11360778	CHR4:11360778	SSF x LoA	-8,5451058	0,034	0,299
CHR4	11360788	CHR4:11360788	SSF x LoA	-8,56612534	-0,046	0,304
CHR4	11360793	CHR4:11360793	SSF x LoA	-8,09969501	-0,081	0,311
CHR4	11360803	CHR4:11360803	SSF x LoA	-12,5724693	-0,012	0,298
CHR4	11360823	CHR4:11360823	SSF x LoA	-11,9893852	-0,037	0,309
CHR4	11374932	CHR4:11374932	SSF x LoA	-8,34135796	0,069	0,319
CHR4	11374933	CHR4:11374933	SSF x LoA	-10,2769634	0,074	0,302
CHR4	11374971	CHR4:11374971	SSF x LoA	-8,51469676	0,054	0,296
CHR4	11375014	CHR4:11375014	SSF x LoA	-8,03801192	0,098	0,311
CHR4	11376139	CHR4:11376139	SSF x LoA	-9,00327745	-0,084	0,319
CHR4	11376226	CHR4:11376226	SSF x LoA	-8,09722487	0,091	0,310
CHR4	11394751	CHR4:11394751	SSF x LoA	-7,88677804	0,010	0,315
CHR4	11394802	CHR4:11394802	SSF x LoA	-9,95553169	0,090	0,299
CHR4	11397608	CHR4:11397608	SSF x LoA	-8,04437952	0,103	0,321
CHR4	11397664	CHR4:11397664	SSF x LoA	-5,72594396	0,063	0,306
CHR4	11397666	CHR4:11397666	SSF x LoA	-8,5779794	0,113	0,301
CHR4	11397676	CHR4:11397676	SSF x LoA	-6,18168144	0,109	0,294
CHR4	11407636	CHR4:11407636	SSF x LoA	-9,10714912	-0,043	0,306
CHR4	11407637	CHR4:11407637	SSF x LoA	-8,56239149	0,004	0,307
CHR4	11407703	CHR4:11407703	SSF x LoA	-10,3493139	-0,007	0,302
CHR4	11407751	CHR4:11407751	SSF x LoA	-10,4288638	0,079	0,308
CHR4	11410613	CHR4:11410613	SSF x LoA	-7,53418035	-0,125	0,305
CHR4	11410633	CHR4:11410633	SSF x LoA	-8,5304716	-0,104	0,303
CHR4	11410660	CHR4:11410660	SSF x LoA	-10,9429193	-0,053	0,305
CHR4	11410663	CHR4:11410663	SSF x LoA	-8,6746041	-0,005	0,311
CHR4	11410671	CHR4:11410671	SSF x LoA	-8,99126462	0,096	0,312
CHR4	11414498	CHR4:11414498	SSF x LoA	-11,3279227	0,036	0,312
CHR4	11426863	CHR4:11426863	SSF x LoA	-9,56014028	0,033	0,302
CHR4	11426914	CHR4:11426914	SSF x LoA	-11,1195416	-0,048	0,296
CHR4	11430731	CHR4:11430731	SSF x LoA	-9,03681952	-0,064	0,294
CHR4	11437653	CHR4:11437653	SSF x LoA	-7,97584452	-0,051	0,309
CHR4	11437665	CHR4:11437665	SSF x LoA	-10,2812489	-0,023	0,309
CHR4	11437667	CHR4:11437667	SSF x LoA	-11,267228	0,034	0,305
CHR4	11444213	CHR4:11444213	SSF x LoA	-8,20283394	0,183	0,299
CHR4	11444232	CHR4:11444232	SSF x LoA	1,86901987	-0,123	0,297

CHR4	11444242	CHR4:11444242	SSF x LoA	-8,36571851	-0,095	0,306
CHR4	11444263	CHR4:11444263	SSF x LoA	-8,79287752	0,144	0,307
CHR4	11453430	CHR4:11453430	SSF x LoA	-11,2619241	0,023	0,311
CHR4	11453468	CHR4:11453468	SSF x LoA	-9,23063847	0,023	0,319
CHR4	11456707	CHR4:11456707	SSF x LoA	-7,86340876	-0,073	0,319
CHR4	11456790	CHR4:11456790	SSF x LoA	-8,64686243	0,177	0,293
CHR4	11456800	CHR4:11456800	SSF x LoA	1,65290363	0,183	0,318
CHR4	11456872	CHR4:11456872	SSF x LoA	-6,93813905	-0,123	0,309
CHR4	11467847	CHR4:11467847	SSF x LoA	-7,5100788	0,146	0,302
CHR4	11467849	CHR4:11467849	SSF x LoA	-10,9186206	0,054	0,293
CHR4	11467968	CHR4:11467968	SSF x LoA	-10,6025939	-0,114	0,304
CHR4	11472833	CHR4:11472833	SSF x LoA	-8,72588817	-0,065	0,305
CHR4	11472881	CHR4:11472881	SSF x LoA	-6,31562809	-0,150	0,292
CHR4	11482940	CHR4:11482940	SSF x LoA	-11,0058841	0,000	0,298
CHR4	11482979	CHR4:11482979	SSF x LoA	-9,35629079	-0,068	0,311
CHR4	11482996	CHR4:11482996	SSF x LoA	-8,04618743	0,007	0,303
CHR4	11483106	CHR4:11483106	SSF x LoA	-11,6224873	0,009	0,289
CHR4	11490799	CHR4:11490799	SSF x LoA	-3,39215736	0,067	0,302
CHR4	11490818	CHR4:11490818	SSF x LoA	-11,0685236	0,046	0,294
CHR4	11490819	CHR4:11490819	SSF x LoA	-11,4428996	0,073	0,294
CHR4	11490852	CHR4:11490852	SSF x LoA	-9,67471973	0,051	0,302
CHR4	11491007	CHR4:11491007	SSF x LoA	-10,5406517	0,002	0,302
CHR4	11491031	CHR4:11491031	SSF x LoA	-8,34514592	0,104	0,306
CHR4	11491040	CHR4:11491040	SSF x LoA	-6,38019605	-0,036	0,309
CHR4	11492693	CHR4:11492693	SSF x LoA	-9,01555468	-0,091	0,307
CHR4	11494062	CHR4:11494062	SSF x LoA	-8,03512484	-0,006	0,316
CHR4	11494098	CHR4:11494098	SSF x LoA	-8,56486763	-0,049	0,311
CHR4	11494100	CHR4:11494100	SSF x LoA	-9,17280555	-0,029	0,318
CHR4	11494150	CHR4:11494150	SSF x LoA	-8,05986701	-0,035	0,301
CHR4	11507486	CHR4:11507486	SSF x LoA	-10,4531468	0,037	0,328
CHR4	11507501	CHR4:11507501	SSF x LoA	-9,71446703	-0,003	0,312
CHR4	11511836	CHR4:11511836	SSF x LoA	-5,98919721	0,088	0,310
CHR4	11512025	CHR4:11512025	SSF x LoA	-7,46796704	-0,063	0,310
CHR4	11512206	CHR4:11512206	SSF x LoA	-10,2049891	0,064	0,314
CHR4	11512226	CHR4:11512226	SSF x LoA	-7,55063276	0,045	0,321
CHR4	11512228	CHR4:11512228	SSF x LoA	-8,40996682	0,041	0,306
CHR4	11518805	CHR4:11518805	SSF x LoA	-7,67804306	-0,019	0,323
CHR4	1152483	CHR4:1152483	SSF x LoA	-9,56522545	-0,047	0,317
CHR4	11525078	CHR4:11525078	SSF x LoA	-7,42138117	0,032	0,305
CHR4	11525168	CHR4:11525168	SSF x LoA	-11,1569696	0,004	0,306
CHR4	11525203	CHR4:11525203	SSF x LoA	-9,44140828	0,045	0,305
CHR4	1152536	CHR4:1152536	SSF x LoA	-11,2646209	0,002	0,305
CHR4	1152648	CHR4:1152648	SSF x LoA	-9,3969069	0,020	0,309
CHR4	1152671	CHR4:1152671	SSF x LoA	-11,2051562	-0,005	0,325
CHR4	1152672	CHR4:1152672	SSF x LoA	-11,6143044	-0,009	0,312
CHR4	1152673	CHR4:1152673	SSF x LoA	-10,2526287	-0,058	0,305
CHR4	1152748	CHR4:1152748	SSF x LoA	-5,837819	0,210	0,299
CHR4	11555892	CHR4:11555892	SSF x LoA	-10,2667495	-0,071	0,314
CHR4	11557766	CHR4:11557766	SSF x LoA	-8,88626704	0,069	0,323
CHR4	11557898	CHR4:11557898	SSF x LoA	-8,2472489	-0,061	0,302
CHR4	11557910	CHR4:11557910	SSF x LoA	-10,6684566	0,050	0,313
CHR4	11557918	CHR4:11557918	SSF x LoA	-9,27037509	0,111	0,306
CHR4	11557937	CHR4:11557937	SSF x LoA	-10,8367217	0,006	0,302

CHR4	11567501	CHR4:11567501	SSF x LoA	-10,4853262	-0,008	0,305
CHR4	11571780	CHR4:11571780	SSF x LoA	-4,9136865	-0,182	0,300
CHR4	11571831	CHR4:11571831	SSF x LoA	-11,8160746	0,046	0,294
CHR4	11573826	CHR4:11573826	SSF x LoA	-9,57654031	-0,078	0,309
CHR4	11573877	CHR4:11573877	SSF x LoA	-9,09126305	0,009	0,299
CHR4	11573894	CHR4:11573894	SSF x LoA	-10,9021472	-0,014	0,305
CHR4	11575847	CHR4:11575847	SSF x LoA	-9,1334054	0,109	0,318
CHR4	11575948	CHR4:11575948	SSF x LoA	-4,37111542	0,023	0,319
CHR4	11584395	CHR4:11584395	SSF x LoA	-9,63714979	-0,034	0,308
CHR4	11584406	CHR4:11584406	SSF x LoA	-8,59691737	0,077	0,299
CHR4	11587878	CHR4:11587878	SSF x LoA	-8,55125043	-0,018	0,309
CHR4	11590099	CHR4:11590099	SSF x LoA	-11,2249389	0,081	0,305
CHR4	11590123	CHR4:11590123	SSF x LoA	-11,8467818	0,077	0,305
CHR4	11590179	CHR4:11590179	SSF x LoA	-11,0583333	0,014	0,293
CHR4	11601738	CHR4:11601738	SSF x LoA	-9,3529913	0,000	0,301
CHR4	11609512	CHR4:11609512	SSF x LoA	-10,0394892	-0,006	0,317
CHR4	11609523	CHR4:11609523	SSF x LoA	-8,24456967	-0,039	0,314
CHR4	11609539	CHR4:11609539	SSF x LoA	-9,25546377	0,170	0,308
CHR4	11613525	CHR4:11613525	SSF x LoA	-10,2053689	0,062	0,310
CHR4	11613574	CHR4:11613574	SSF x LoA	-8,58801678	0,022	0,308
CHR4	11617396	CHR4:11617396	SSF x LoA	-11,9089477	-0,033	0,304
CHR4	11617439	CHR4:11617439	SSF x LoA	-10,8358215	0,032	0,296
CHR4	11637141	CHR4:11637141	SSF x LoA	-9,99731627	0,030	0,314
CHR4	11642426	CHR4:11642426	SSF x LoA	-8,36359293	-0,140	0,295
CHR4	11642440	CHR4:11642440	SSF x LoA	-2,22184553	-0,152	0,298
CHR4	11642531	CHR4:11642531	SSF x LoA	-8,56252788	-0,016	0,318
CHR4	11644258	CHR4:11644258	SSF x LoA	-7,82806514	0,134	0,314
CHR4	11644340	CHR4:11644340	SSF x LoA	-9,5953042	0,004	0,310
CHR4	11644408	CHR4:11644408	SSF x LoA	-8,76840276	-0,046	0,306
CHR4	11644430	CHR4:11644430	SSF x LoA	-7,1946599	-0,117	0,307
CHR4	11646401	CHR4:11646401	SSF x LoA	-10,165645	-0,019	0,316
CHR4	11646415	CHR4:11646415	SSF x LoA	-8,59668687	0,027	0,311
CHR4	11646439	CHR4:11646439	SSF x LoA	-8,6778227	-0,012	0,310
CHR4	1165970	CHR4:1165970	SSF x LoA	-8,26909946	0,058	0,301
CHR4	11661815	CHR4:11661815	SSF x LoA	-4,92324785	-0,040	0,307
CHR4	11663754	CHR4:11663754	SSF x LoA	-10,1933288	0,017	0,302
CHR4	11671355	CHR4:11671355	SSF x LoA	-10,3033393	-0,079	0,302
CHR4	11671407	CHR4:11671407	SSF x LoA	-8,10256129	-0,094	0,306
CHR4	1167479	CHR4:1167479	SSF x LoA	-11,0519727	-0,080	0,312
CHR4	11677267	CHR4:11677267	SSF x LoA	-8,50789802	-0,109	0,308
CHR4	11677411	CHR4:11677411	SSF x LoA	-7,86494379	-0,042	0,300
CHR4	11682971	CHR4:11682971	SSF x LoA	-6,61978664	-0,088	0,313
CHR4	11686240	CHR4:11686240	SSF x LoA	-8,04397392	-0,073	0,305
CHR4	11686268	CHR4:11686268	SSF x LoA	-11,2248439	0,004	0,305
CHR4	11686276	CHR4:11686276	SSF x LoA	-9,029888	-0,083	0,306
CHR4	11686289	CHR4:11686289	SSF x LoA	-8,59267942	-0,119	0,306
CHR4	11686345	CHR4:11686345	SSF x LoA	-8,37039655	-0,065	0,311
CHR4	11694917	CHR4:11694917	SSF x LoA	-6,6354032	0,076	0,318
CHR4	11696525	CHR4:11696525	SSF x LoA	-10,3477905	-0,050	0,298
CHR4	11704618	CHR4:11704618	SSF x LoA	-8,05973912	0,078	0,290
CHR4	1172405	CHR4:1172405	SSF x LoA	-9,30155556	-0,095	0,296
CHR4	1172428	CHR4:1172428	SSF x LoA	-11,0080943	-0,042	0,299
CHR4	11745883	CHR4:11745883	SSF x LoA	-9,43927187	-0,079	0,304

CHR4	11745953	CHR4:11745953	SSF x LoA	-4,04174318	0,011	0,312
CHR4	11745985	CHR4:11745985	SSF x LoA	-10,1239514	-0,011	0,311
CHR4	11745995	CHR4:11745995	SSF x LoA	-9,34659461	-0,007	0,312
CHR4	11746030	CHR4:11746030	SSF x LoA	-8,88621973	0,088	0,313
CHR4	11753050	CHR4:11753050	SSF x LoA	-9,09102328	-0,038	0,309
CHR4	11766914	CHR4:11766914	SSF x LoA	-6,73481989	0,109	0,300
CHR4	11770196	CHR4:11770196	SSF x LoA	-9,5990658	0,073	0,308
CHR4	11770308	CHR4:11770308	SSF x LoA	-11,134092	0,000	0,302
CHR4	11770322	CHR4:11770322	SSF x LoA	-10,4843218	-0,033	0,300
CHR4	11770389	CHR4:11770389	SSF x LoA	-5,55652214	0,081	0,316
CHR4	11770466	CHR4:11770466	SSF x LoA	-8,65605548	0,009	0,311
CHR4	11783663	CHR4:11783663	SSF x LoA	-9,96085198	-0,024	0,312
CHR4	11794405	CHR4:11794405	SSF x LoA	-9,35745789	-0,034	0,309
CHR4	11837283	CHR4:11837283	SSF x LoA	-9,97372657	-0,159	0,301
CHR4	11840068	CHR4:11840068	SSF x LoA	-7,81748865	0,081	0,302
CHR4	11846224	CHR4:11846224	SSF x LoA	-10,8204194	0,077	0,302
CHR4	11846295	CHR4:11846295	SSF x LoA	-9,06093378	-0,020	0,302
CHR4	11846296	CHR4:11846296	SSF x LoA	-8,62946097	0,055	0,308
CHR4	11846372	CHR4:11846372	SSF x LoA	-9,31972428	0,063	0,307
CHR4	11846378	CHR4:11846378	SSF x LoA	-8,52436887	0,052	0,312
CHR4	11846425	CHR4:11846425	SSF x LoA	-8,91295517	0,019	0,306
CHR4	11865868	CHR4:11865868	SSF x LoA	-8,37081501	0,126	0,301
CHR4	11865965	CHR4:11865965	SSF x LoA	-11,0606975	-0,068	0,319
CHR4	11866094	CHR4:11866094	SSF x LoA	-9,568013	-0,060	0,302
CHR4	11880147	CHR4:11880147	SSF x LoA	-10,299837	-0,034	0,303
CHR4	11888959	CHR4:11888959	SSF x LoA	0,738965	0,147	0,314
CHR4	11895854	CHR4:11895854	SSF x LoA	-9,43317577	0,119	0,291
CHR4	11897108	CHR4:11897108	SSF x LoA	-10,728133	0,074	0,321
CHR4	1189738	CHR4:1189738	SSF x LoA	-9,2529044	-0,060	0,309
CHR4	1189739	CHR4:1189739	SSF x LoA	-11,5333956	-0,088	0,317
CHR4	1189765	CHR4:1189765	SSF x LoA	-11,458471	-0,029	0,303
CHR4	1189815	CHR4:1189815	SSF x LoA	-9,56686426	-0,017	0,312
CHR4	11901209	CHR4:11901209	SSF x LoA	-7,79124052	0,131	0,313
CHR4	11905412	CHR4:11905412	SSF x LoA	-6,44881252	0,071	0,307
CHR4	11908437	CHR4:11908437	SSF x LoA	-9,22295635	0,027	0,307
CHR4	11908479	CHR4:11908479	SSF x LoA	-9,72546427	0,067	0,300
CHR4	11908484	CHR4:11908484	SSF x LoA	-7,33267943	0,047	0,303
CHR4	11908528	CHR4:11908528	SSF x LoA	-10,3143069	-0,056	0,322
CHR4	11912420	CHR4:11912420	SSF x LoA	-11,6946379	0,029	0,305
CHR4	11916144	CHR4:11916144	SSF x LoA	2,49453383	-0,092	0,303
CHR4	11919385	CHR4:11919385	SSF x LoA	-6,62548662	0,090	0,307
CHR4	11919523	CHR4:11919523	SSF x LoA	-9,10787886	-0,096	0,299
CHR4	11920606	CHR4:11920606	SSF x LoA	-8,97135396	-0,086	0,300
CHR4	11920692	CHR4:11920692	SSF x LoA	-9,9278323	0,114	0,296
CHR4	11920726	CHR4:11920726	SSF x LoA	-11,0331419	-0,076	0,301
CHR4	11925021	CHR4:11925021	SSF x LoA	-9,07403201	0,033	0,308
CHR4	11925036	CHR4:11925036	SSF x LoA	-6,23739103	0,136	0,308
CHR4	11925039	CHR4:11925039	SSF x LoA	-12,18935	0,003	0,290
CHR4	11925043	CHR4:11925043	SSF x LoA	-10,5742274	0,015	0,305
CHR4	1193637	CHR4:1193637	SSF x LoA	-8,97783609	-0,075	0,307
CHR4	1193639	CHR4:1193639	SSF x LoA	-9,03469092	0,019	0,301
CHR4	1193663	CHR4:1193663	SSF x LoA	-12,5950333	0,008	0,304
CHR4	1193722	CHR4:1193722	SSF x LoA	-5,35644075	-0,091	0,308

CHR4	1193821	CHR4:1193821	SSF x LoA	-11,7257592	0,035	0,313
CHR4	1193824	CHR4:1193824	SSF x LoA	-7,71944933	-0,020	0,320
CHR4	1193834	CHR4:1193834	SSF x LoA	-10,7242164	-0,082	0,290
CHR4	11949347	CHR4:11949347	SSF x LoA	-7,61184681	-0,140	0,300
CHR4	11951160	CHR4:11951160	SSF x LoA	-7,9478244	0,136	0,308
CHR4	11955931	CHR4:11955931	SSF x LoA	-7,11967857	0,014	0,304
CHR4	11955932	CHR4:11955932	SSF x LoA	-8,7451682	-0,009	0,311
CHR4	11956047	CHR4:11956047	SSF x LoA	-7,23316798	-0,045	0,303
CHR4	11956048	CHR4:11956048	SSF x LoA	-8,47943224	-0,074	0,300
CHR4	11956115	CHR4:11956115	SSF x LoA	-8,79360552	0,030	0,310
CHR4	11958398	CHR4:11958398	SSF x LoA	-9,969298	-0,043	0,306
CHR4	1196758	CHR4:1196758	SSF x LoA	-8,00908848	-0,055	0,316
CHR4	11970783	CHR4:11970783	SSF x LoA	-10,8357114	-0,085	0,304
CHR4	11970945	CHR4:11970945	SSF x LoA	-9,03301564	-0,086	0,304
CHR4	11977155	CHR4:11977155	SSF x LoA	-8,50404489	0,061	0,311
CHR4	11977208	CHR4:11977208	SSF x LoA	-7,52424536	0,192	0,283
CHR4	11977210	CHR4:11977210	SSF x LoA	-8,6637855	0,080	0,303
CHR4	11977211	CHR4:11977211	SSF x LoA	-4,2684588	0,141	0,312
CHR4	11988217	CHR4:11988217	SSF x LoA	-8,52387911	0,102	0,313
CHR4	11988220	CHR4:11988220	SSF x LoA	-7,16551453	-0,139	0,299
CHR4	11988265	CHR4:11988265	SSF x LoA	-8,93164309	0,140	0,291
CHR4	11988274	CHR4:11988274	SSF x LoA	-11,5375776	0,022	0,309
CHR4	11988290	CHR4:11988290	SSF x LoA	-11,9739588	0,028	0,307
CHR4	11988297	CHR4:11988297	SSF x LoA	-6,02069609	-0,121	0,302
CHR4	11988298	CHR4:11988298	SSF x LoA	-11,6771095	-0,036	0,307
CHR4	11988310	CHR4:11988310	SSF x LoA	-8,60860423	0,069	0,314
CHR4	11988497	CHR4:11988497	SSF x LoA	-8,49293312	0,029	0,304
CHR4	12012711	CHR4:12012711	SSF x LoA	-9,11694001	0,025	0,317
CHR4	12012909	CHR4:12012909	SSF x LoA	-10,2932597	-0,041	0,310
CHR4	12012916	CHR4:12012916	SSF x LoA	-8,61673318	-0,027	0,310
CHR4	12012936	CHR4:12012936	SSF x LoA	-10,8977625	0,006	0,300
CHR4	12014377	CHR4:12014377	SSF x LoA	-8,23654659	-0,001	0,311
CHR4	12015791	CHR4:12015791	SSF x LoA	-8,74736069	0,071	0,296
CHR4	12015814	CHR4:12015814	SSF x LoA	-9,7272112	0,084	0,316
CHR4	12015830	CHR4:12015830	SSF x LoA	-8,40993639	-0,066	0,295
CHR4	12015856	CHR4:12015856	SSF x LoA	-10,0833948	0,090	0,302
CHR4	12016923	CHR4:12016923	SSF x LoA	-8,9024415	0,026	0,305
CHR4	12016946	CHR4:12016946	SSF x LoA	-9,39728284	-0,142	0,297
CHR4	12016967	CHR4:12016967	SSF x LoA	-10,2680401	0,001	0,307
CHR4	12017019	CHR4:12017019	SSF x LoA	-10,6830969	0,052	0,304
CHR4	12017033	CHR4:12017033	SSF x LoA	-7,49820523	0,049	0,313
CHR4	12019064	CHR4:12019064	SSF x LoA	-8,30966932	-0,071	0,308
CHR4	12019102	CHR4:12019102	SSF x LoA	-9,55076187	0,070	0,308
CHR4	12019107	CHR4:12019107	SSF x LoA	-9,23732829	0,089	0,307
CHR4	12026583	CHR4:12026583	SSF x LoA	-9,2479209	-0,054	0,303
CHR4	12026588	CHR4:12026588	SSF x LoA	-11,0842394	0,006	0,313
CHR4	12026589	CHR4:12026589	SSF x LoA	-8,81227441	0,030	0,295
CHR4	12026681	CHR4:12026681	SSF x LoA	-8,3270758	0,006	0,311
CHR4	12026803	CHR4:12026803	SSF x LoA	-9,1868313	0,003	0,300
CHR4	12026810	CHR4:12026810	SSF x LoA	-9,17149509	0,039	0,292
CHR4	12030597	CHR4:12030597	SSF x LoA	-9,68326564	0,048	0,289
CHR4	12030621	CHR4:12030621	SSF x LoA	-8,61057608	0,058	0,299
CHR4	12030682	CHR4:12030682	SSF x LoA	-9,84275699	0,027	0,302

CHR4	1203552	CHR4:1203552	SSF x LoA	-8,96662618	-0,020	0,317
CHR4	1203654	CHR4:1203654	SSF x LoA	-9,15723995	0,068	0,309
CHR4	12037554	CHR4:12037554	SSF x LoA	-8,59802521	-0,140	0,312
CHR4	12037555	CHR4:12037555	SSF x LoA	-7,68203532	-0,043	0,318
CHR4	12037565	CHR4:12037565	SSF x LoA	-8,91869235	0,120	0,307
CHR4	12037572	CHR4:12037572	SSF x LoA	-8,80043729	0,127	0,308
CHR4	12037607	CHR4:12037607	SSF x LoA	-7,30408612	0,088	0,307
CHR4	12037623	CHR4:12037623	SSF x LoA	-8,49033741	0,050	0,307
CHR4	1203764	CHR4:1203764	SSF x LoA	-5,77521634	-0,160	0,308
CHR4	12040995	CHR4:12040995	SSF x LoA	-8,80820363	0,017	0,316
CHR4	12041154	CHR4:12041154	SSF x LoA	-6,47325131	0,096	0,303
CHR4	12041161	CHR4:12041161	SSF x LoA	-7,81596847	0,123	0,297
CHR4	12045877	CHR4:12045877	SSF x LoA	-8,23217802	-0,008	0,310
CHR4	12045886	CHR4:12045886	SSF x LoA	-9,77386321	-0,075	0,309
CHR4	12045953	CHR4:12045953	SSF x LoA	-7,56408515	0,081	0,305
CHR4	12046055	CHR4:12046055	SSF x LoA	-5,70066238	-0,132	0,299
CHR4	12046089	CHR4:12046089	SSF x LoA	-9,22310661	0,027	0,312
CHR4	12070507	CHR4:12070507	SSF x LoA	-9,2305039	-0,019	0,316
CHR4	12075201	CHR4:12075201	SSF x LoA	-10,812855	-0,018	0,298
CHR4	12075247	CHR4:12075247	SSF x LoA	-11,234627	0,022	0,309
CHR4	12075431	CHR4:12075431	SSF x LoA	-8,2774849	-0,057	0,308
CHR4	12079624	CHR4:12079624	SSF x LoA	-5,04993594	-0,186	0,295
CHR4	12079677	CHR4:12079677	SSF x LoA	-7,81383521	-0,160	0,300
CHR4	12079804	CHR4:12079804	SSF x LoA	-10,561026	0,040	0,307
CHR4	12079853	CHR4:12079853	SSF x LoA	-11,2116198	0,029	0,305
CHR4	12090662	CHR4:12090662	SSF x LoA	-8,28194946	-0,020	0,315
CHR4	12090663	CHR4:12090663	SSF x LoA	-10,4297162	-0,007	0,319
CHR4	12096634	CHR4:12096634	SSF x LoA	-11,2402758	-0,010	0,297
CHR4	12107056	CHR4:12107056	SSF x LoA	-9,51956487	0,103	0,290
CHR4	12107753	CHR4:12107753	SSF x LoA	-10,9167849	0,026	0,318
CHR4	12116598	CHR4:12116598	SSF x LoA	-8,46100126	0,087	0,302
CHR4	12130819	CHR4:12130819	SSF x LoA	-11,8237686	0,015	0,303
CHR4	12130820	CHR4:12130820	SSF x LoA	-10,251882	-0,041	0,303
CHR4	12130894	CHR4:12130894	SSF x LoA	-10,6164511	0,004	0,303
CHR4	12131039	CHR4:12131039	SSF x LoA	-11,0261471	-0,007	0,300
CHR4	12139393	CHR4:12139393	SSF x LoA	-8,54362437	0,091	0,316
CHR4	12140386	CHR4:12140386	SSF x LoA	-8,77457797	-0,077	0,305
CHR4	12140389	CHR4:12140389	SSF x LoA	-9,60341263	-0,039	0,301
CHR4	12140437	CHR4:12140437	SSF x LoA	-8,76937083	-0,088	0,304
CHR4	12142858	CHR4:12142858	SSF x LoA	-9,45803924	-0,009	0,301
CHR4	12142873	CHR4:12142873	SSF x LoA	-10,2127335	0,005	0,311
CHR4	12142878	CHR4:12142878	SSF x LoA	-11,2465686	0,001	0,300
CHR4	12151375	CHR4:12151375	SSF x LoA	-9,80514587	-0,112	0,310
CHR4	12161649	CHR4:12161649	SSF x LoA	-8,19887189	-0,052	0,315
CHR4	12161661	CHR4:12161661	SSF x LoA	-8,84912724	-0,056	0,313
CHR4	12174294	CHR4:12174294	SSF x LoA	-8,3292662	0,069	0,314
CHR4	12174323	CHR4:12174323	SSF x LoA	-11,5054884	-0,071	0,305
CHR4	12174433	CHR4:12174433	SSF x LoA	-12,0100066	-0,060	0,293
CHR4	12181036	CHR4:12181036	SSF x LoA	-9,16343305	-0,011	0,301
CHR4	12181044	CHR4:12181044	SSF x LoA	-8,72996242	-0,034	0,300
CHR4	12181056	CHR4:12181056	SSF x LoA	-8,72636795	0,142	0,297
CHR4	12181064	CHR4:12181064	SSF x LoA	-8,51812421	-0,020	0,301
CHR4	12181149	CHR4:12181149	SSF x LoA	-8,80251187	0,169	0,313

CHR4	12181173	CHR4:12181173	SSF x LoA	-7,24561148	-0,170	0,302
CHR4	12181281	CHR4:12181281	SSF x LoA	-7,38222385	-0,037	0,314
CHR4	12181292	CHR4:12181292	SSF x LoA	-9,01237642	-0,032	0,322
CHR4	12185727	CHR4:12185727	SSF x LoA	-4,29797313	-0,231	0,304
CHR4	12185832	CHR4:12185832	SSF x LoA	-5,86205414	-0,195	0,301
CHR4	12191883	CHR4:12191883	SSF x LoA	-8,64240904	-0,031	0,311
CHR4	12195855	CHR4:12195855	SSF x LoA	-11,1694769	-0,008	0,302
CHR4	12195923	CHR4:12195923	SSF x LoA	-10,0965021	-0,011	0,301
CHR4	12195928	CHR4:12195928	SSF x LoA	-9,07077199	-0,042	0,317
CHR4	12195936	CHR4:12195936	SSF x LoA	-8,03087579	-0,057	0,305
CHR4	12201105	CHR4:12201105	SSF x LoA	-7,59820738	0,048	0,302
CHR4	12201146	CHR4:12201146	SSF x LoA	-9,37512825	-0,038	0,308
CHR4	12201193	CHR4:12201193	SSF x LoA	-2,50229291	-0,059	0,314
CHR4	12201215	CHR4:12201215	SSF x LoA	-5,82373923	0,067	0,310
CHR4	12201310	CHR4:12201310	SSF x LoA	-10,4511502	-0,063	0,305
CHR4	12204201	CHR4:12204201	SSF x LoA	-10,9671844	-0,086	0,297
CHR4	12204249	CHR4:12204249	SSF x LoA	-9,68925511	0,055	0,308
CHR4	12204330	CHR4:12204330	SSF x LoA	-10,049495	0,105	0,297
CHR4	12211413	CHR4:12211413	SSF x LoA	-10,957022	0,022	0,288
CHR4	12212154	CHR4:12212154	SSF x LoA	-9,63834452	0,078	0,304
CHR4	12212159	CHR4:12212159	SSF x LoA	-9,54640121	0,056	0,309
CHR4	12215830	CHR4:12215830	SSF x LoA	-8,91120694	0,023	0,303
CHR4	12234305	CHR4:12234305	SSF x LoA	-8,74877635	-0,034	0,303
CHR4	12234307	CHR4:12234307	SSF x LoA	-8,27256596	-0,052	0,304
CHR4	12234314	CHR4:12234314	SSF x LoA	-9,25690949	0,067	0,312
CHR4	12234326	CHR4:12234326	SSF x LoA	-8,92720191	0,106	0,316
CHR4	12242902	CHR4:12242902	SSF x LoA	-7,15306653	0,121	0,306
CHR4	12245518	CHR4:12245518	SSF x LoA	-10,8778203	-0,021	0,306
CHR4	12245722	CHR4:12245722	SSF x LoA	-9,52275561	-0,031	0,301
CHR4	12245759	CHR4:12245759	SSF x LoA	-9,79674058	-0,008	0,298
CHR4	12249710	CHR4:12249710	SSF x LoA	-10,094181	0,064	0,303
CHR4	12249839	CHR4:12249839	SSF x LoA	-8,26915121	-0,052	0,304
CHR4	12249863	CHR4:12249863	SSF x LoA	-8,16746677	0,012	0,307
CHR4	12255450	CHR4:12255450	SSF x LoA	-8,14020985	-0,019	0,309
CHR4	12257234	CHR4:12257234	SSF x LoA	-9,04006997	0,047	0,313
CHR4	12268957	CHR4:12268957	SSF x LoA	-4,94046995	0,040	0,306
CHR4	12269083	CHR4:12269083	SSF x LoA	-9,12661111	0,025	0,293
CHR4	12269229	CHR4:12269229	SSF x LoA	-10,361563	-0,116	0,316
CHR4	12274865	CHR4:12274865	SSF x LoA	-9,52269306	0,015	0,306
CHR4	12274944	CHR4:12274944	SSF x LoA	-9,71305158	-0,114	0,294
CHR4	12276289	CHR4:12276289	SSF x LoA	-1,98185905	0,083	0,309
CHR4	12276382	CHR4:12276382	SSF x LoA	-11,3606231	0,024	0,318
CHR4	12282699	CHR4:12282699	SSF x LoA	-9,33597529	0,083	0,314
CHR4	12282734	CHR4:12282734	SSF x LoA	-9,81435456	0,099	0,306
CHR4	12282992	CHR4:12282992	SSF x LoA	-8,85739537	0,165	0,294
CHR4	12284876	CHR4:12284876	SSF x LoA	-8,35952653	-0,046	0,308
CHR4	12284964	CHR4:12284964	SSF x LoA	-7,35721495	-0,021	0,301
CHR4	12286457	CHR4:12286457	SSF x LoA	-10,9702945	-0,057	0,302
CHR4	12286470	CHR4:12286470	SSF x LoA	-7,75186272	0,001	0,321
CHR4	12286533	CHR4:12286533	SSF x LoA	-8,70814187	-0,041	0,314
CHR4	12289094	CHR4:12289094	SSF x LoA	-10,5897298	-0,102	0,330
CHR4	12289118	CHR4:12289118	SSF x LoA	-7,94264196	0,078	0,305
CHR4	12289121	CHR4:12289121	SSF x LoA	-9,68333739	-0,033	0,302

CHR4	12289175	CHR4:12289175	SSF x LoA	-11,1535865	-0,045	0,301
CHR4	12289179	CHR4:12289179	SSF x LoA	-7,77332182	-0,103	0,306
CHR4	12289987	CHR4:12289987	SSF x LoA	-11,7584991	0,012	0,290
CHR4	12290005	CHR4:12290005	SSF x LoA	-10,5516284	-0,129	0,292
CHR4	12293892	CHR4:12293892	SSF x LoA	-9,84783084	-0,027	0,300
CHR4	12296898	CHR4:12296898	SSF x LoA	-8,01731159	-0,002	0,305
CHR4	12296907	CHR4:12296907	SSF x LoA	-9,17801556	0,002	0,308
CHR4	12300808	CHR4:12300808	SSF x LoA	-11,0950292	0,101	0,308
CHR4	12300819	CHR4:12300819	SSF x LoA	-9,31629736	0,031	0,308
CHR4	12300863	CHR4:12300863	SSF x LoA	-8,50053782	-0,041	0,317
CHR4	12300900	CHR4:12300900	SSF x LoA	-9,26872834	0,044	0,304
CHR4	12300931	CHR4:12300931	SSF x LoA	-7,39316327	0,036	0,299
CHR4	12304891	CHR4:12304891	SSF x LoA	-8,38299519	0,048	0,301
CHR4	12304909	CHR4:12304909	SSF x LoA	-7,78901515	-0,029	0,318
CHR4	12307048	CHR4:12307048	SSF x LoA	-10,6210274	-0,105	0,307
CHR4	12307093	CHR4:12307093	SSF x LoA	-9,63118484	-0,027	0,304
CHR4	12307202	CHR4:12307202	SSF x LoA	-10,9839398	-0,033	0,307
CHR4	12307205	CHR4:12307205	SSF x LoA	-10,4463907	-0,095	0,299
CHR4	12317673	CHR4:12317673	SSF x LoA	-9,95728595	-0,040	0,301
CHR4	12317777	CHR4:12317777	SSF x LoA	-7,86469381	0,024	0,316
CHR4	12317800	CHR4:12317800	SSF x LoA	-11,6520774	0,011	0,309
CHR4	12345056	CHR4:12345056	SSF x LoA	-9,86995256	-0,076	0,300
CHR4	12372738	CHR4:12372738	SSF x LoA	-8,88951297	0,031	0,300
CHR4	12372745	CHR4:12372745	SSF x LoA	-7,0968685	-0,001	0,315
CHR4	12372837	CHR4:12372837	SSF x LoA	-10,2028612	-0,021	0,316
CHR4	12380954	CHR4:12380954	SSF x LoA	-6,31720976	0,194	0,279
CHR4	12381119	CHR4:12381119	SSF x LoA	-9,41136857	0,019	0,305
CHR4	12381158	CHR4:12381158	SSF x LoA	-7,32729477	0,128	0,306
CHR4	12381170	CHR4:12381170	SSF x LoA	-1,28813709	0,148	0,291
CHR4	12385365	CHR4:12385365	SSF x LoA	-2,82125151	0,033	0,311
CHR4	12385396	CHR4:12385396	SSF x LoA	-10,5899643	0,056	0,310
CHR4	12388684	CHR4:12388684	SSF x LoA	-10,2355916	-0,033	0,299
CHR4	12388787	CHR4:12388787	SSF x LoA	-10,8971673	-0,076	0,311
CHR4	12388937	CHR4:12388937	SSF x LoA	-10,0562619	0,005	0,312
CHR4	12393596	CHR4:12393596	SSF x LoA	-10,596486	-0,055	0,295
CHR4	12393677	CHR4:12393677	SSF x LoA	-10,2573084	-0,046	0,309
CHR4	1239788	CHR4:1239788	SSF x LoA	-8,12504002	-0,156	0,304
CHR4	1239794	CHR4:1239794	SSF x LoA	-8,65728249	0,004	0,306
CHR4	1239842	CHR4:1239842	SSF x LoA	-10,6011507	0,047	0,301
CHR4	12398550	CHR4:12398550	SSF x LoA	-11,0343076	-0,081	0,316
CHR4	12398563	CHR4:12398563	SSF x LoA	-10,0762846	-0,038	0,302
CHR4	1239894	CHR4:1239894	SSF x LoA	-9,78115261	-0,013	0,318
CHR4	1239966	CHR4:1239966	SSF x LoA	-8,74611226	-0,085	0,307
CHR4	1240051	CHR4:1240051	SSF x LoA	-8,82326209	0,037	0,306
CHR4	12416304	CHR4:12416304	SSF x LoA	-9,83465826	-0,065	0,309
CHR4	12416503	CHR4:12416503	SSF x LoA	-8,90768017	-0,055	0,299
CHR4	12416527	CHR4:12416527	SSF x LoA	-10,33572	-0,058	0,309
CHR4	12417815	CHR4:12417815	SSF x LoA	-6,98828677	0,078	0,305
CHR4	12417816	CHR4:12417816	SSF x LoA	-8,5867627	0,084	0,291
CHR4	12417846	CHR4:12417846	SSF x LoA	-9,91946758	-0,006	0,296
CHR4	12417924	CHR4:12417924	SSF x LoA	-10,6231046	0,062	0,308
CHR4	12418045	CHR4:12418045	SSF x LoA	-10,7105455	0,053	0,300
CHR4	12418065	CHR4:12418065	SSF x LoA	-11,0757882	-0,058	0,306

CHR4	12418072	CHR4:12418072	SSF x LoA	-11,8512333	0,097	0,301
CHR4	12418137	CHR4:12418137	SSF x LoA	-9,17655479	-0,051	0,311
CHR4	12418138	CHR4:12418138	SSF x LoA	-10,4179668	-0,061	0,316
CHR4	12422059	CHR4:12422059	SSF x LoA	-11,0774019	-0,096	0,301
CHR4	12422159	CHR4:12422159	SSF x LoA	-7,48380877	-0,075	0,306
CHR4	12422165	CHR4:12422165	SSF x LoA	-6,96107675	0,162	0,289
CHR4	12422370	CHR4:12422370	SSF x LoA	-9,89928196	-0,117	0,301
CHR4	12422424	CHR4:12422424	SSF x LoA	-10,6083222	0,066	0,312
CHR4	12430603	CHR4:12430603	SSF x LoA	-8,24151384	0,042	0,314
CHR4	12430631	CHR4:12430631	SSF x LoA	-9,41895765	-0,031	0,309
CHR4	12430640	CHR4:12430640	SSF x LoA	-9,75867423	0,086	0,321
CHR4	12430775	CHR4:12430775	SSF x LoA	-11,3926406	-0,003	0,301
CHR4	12430794	CHR4:12430794	SSF x LoA	-11,0143039	-0,022	0,294
CHR4	12439912	CHR4:12439912	SSF x LoA	-9,89953543	0,052	0,297
CHR4	12439926	CHR4:12439926	SSF x LoA	-10,2075182	-0,008	0,317
CHR4	12439957	CHR4:12439957	SSF x LoA	-9,17047554	0,058	0,313
CHR4	12441650	CHR4:12441650	SSF x LoA	-11,5369686	-0,046	0,306
CHR4	12441682	CHR4:12441682	SSF x LoA	-10,9716126	-0,090	0,303
CHR4	12441732	CHR4:12441732	SSF x LoA	-11,2768005	-0,090	0,309
CHR4	12441734	CHR4:12441734	SSF x LoA	-9,19747816	0,055	0,310
CHR4	12441740	CHR4:12441740	SSF x LoA	-10,0488592	-0,110	0,303
CHR4	12441773	CHR4:12441773	SSF x LoA	-9,49740476	-0,030	0,283
CHR4	12441828	CHR4:12441828	SSF x LoA	-9,12158627	0,003	0,315
CHR4	12441961	CHR4:12441961	SSF x LoA	-9,90604476	-0,122	0,307
CHR4	12441968	CHR4:12441968	SSF x LoA	-8,35280137	0,021	0,308
CHR4	12451119	CHR4:12451119	SSF x LoA	-9,13262968	-0,057	0,294
CHR4	12451160	CHR4:12451160	SSF x LoA	-8,6632686	0,062	0,296
CHR4	12451182	CHR4:12451182	SSF x LoA	-8,71675163	0,008	0,305
CHR4	12451187	CHR4:12451187	SSF x LoA	-8,21114953	0,083	0,302
CHR4	12451225	CHR4:12451225	SSF x LoA	-8,73067653	0,067	0,299
CHR4	12451264	CHR4:12451264	SSF x LoA	-8,44213957	0,111	0,292
CHR4	12458434	CHR4:12458434	SSF x LoA	-12,5501448	0,020	0,300
CHR4	12458439	CHR4:12458439	SSF x LoA	-6,270763	0,000	0,322
CHR4	12458445	CHR4:12458445	SSF x LoA	-11,3317076	-0,004	0,314
CHR4	12458519	CHR4:12458519	SSF x LoA	-8,82519279	-0,077	0,305
CHR4	12458523	CHR4:12458523	SSF x LoA	-9,80297059	0,032	0,312
CHR4	12460131	CHR4:12460131	SSF x LoA	-9,93401182	-0,031	0,309
CHR4	12468847	CHR4:12468847	SSF x LoA	-9,66250436	0,033	0,309
CHR4	12468893	CHR4:12468893	SSF x LoA	-6,83977659	-0,184	0,301
CHR4	12468907	CHR4:12468907	SSF x LoA	-10,7873958	0,081	0,309
CHR4	12468923	CHR4:12468923	SSF x LoA	-7,01019341	0,197	0,313
CHR4	1246924	CHR4:1246924	SSF x LoA	-5,13772235	-0,049	0,315
CHR4	12469745	CHR4:12469745	SSF x LoA	-9,9922342	-0,034	0,314
CHR4	12469752	CHR4:12469752	SSF x LoA	0,20239968	0,017	0,302
CHR4	1247049	CHR4:1247049	SSF x LoA	-10,243219	0,081	0,310
CHR4	12472156	CHR4:12472156	SSF x LoA	-11,7319561	-0,042	0,315
CHR4	12472213	CHR4:12472213	SSF x LoA	-8,41813396	-0,039	0,308
CHR4	12475857	CHR4:12475857	SSF x LoA	-10,0580512	-0,002	0,323
CHR4	12479278	CHR4:12479278	SSF x LoA	-8,74371373	0,108	0,295
CHR4	12479290	CHR4:12479290	SSF x LoA	-7,31235048	0,108	0,303
CHR4	12479348	CHR4:12479348	SSF x LoA	-7,67722544	-0,115	0,308
CHR4	12479423	CHR4:12479423	SSF x LoA	-8,12448547	-0,122	0,295
CHR4	12481012	CHR4:12481012	SSF x LoA	-7,35946429	-0,160	0,293

CHR4	12481039	CHR4:12481039	SSF x LoA	-10,6736364	-0,013	0,305
CHR4	12481086	CHR4:12481086	SSF x LoA	-8,92786582	-0,009	0,320
CHR4	12481170	CHR4:12481170	SSF x LoA	-11,422115	0,006	0,312
CHR4	12481185	CHR4:12481185	SSF x LoA	-10,8072832	-0,078	0,303
CHR4	12484754	CHR4:12484754	SSF x LoA	-10,9305837	0,030	0,290
CHR4	12484781	CHR4:12484781	SSF x LoA	-7,17324661	-0,057	0,307
CHR4	12484843	CHR4:12484843	SSF x LoA	-7,73146828	-0,025	0,307
CHR4	12485822	CHR4:12485822	SSF x LoA	-10,5649658	-0,073	0,322
CHR4	12486032	CHR4:12486032	SSF x LoA	-8,11874075	-0,069	0,316
CHR4	12486066	CHR4:12486066	SSF x LoA	-9,39075885	-0,094	0,303
CHR4	12486152	CHR4:12486152	SSF x LoA	-9,84570636	-0,113	0,302
CHR4	12489644	CHR4:12489644	SSF x LoA	-11,0341927	-0,022	0,295
CHR4	12490548	CHR4:12490548	SSF x LoA	-9,77618052	-0,029	0,306
CHR4	12490555	CHR4:12490555	SSF x LoA	-10,3584181	0,105	0,309
CHR4	12492836	CHR4:12492836	SSF x LoA	-10,1187672	-0,076	0,304
CHR4	12492868	CHR4:12492868	SSF x LoA	-9,07409961	-0,054	0,317
CHR4	12492871	CHR4:12492871	SSF x LoA	-6,19113766	0,049	0,317
CHR4	12493009	CHR4:12493009	SSF x LoA	-11,1814702	-0,039	0,313
CHR4	12499210	CHR4:12499210	SSF x LoA	-7,99224009	0,013	0,317
CHR4	12499216	CHR4:12499216	SSF x LoA	-8,24286009	-0,072	0,315
CHR4	12499265	CHR4:12499265	SSF x LoA	-8,17148037	-0,080	0,322
CHR4	12499274	CHR4:12499274	SSF x LoA	-8,33611718	-0,043	0,321
CHR4	12499337	CHR4:12499337	SSF x LoA	-9,04945555	0,053	0,312
CHR4	12499373	CHR4:12499373	SSF x LoA	-10,6304338	-0,026	0,300
CHR4	12499431	CHR4:12499431	SSF x LoA	-10,3606163	0,031	0,313
CHR4	12503060	CHR4:12503060	SSF x LoA	-10,2082015	0,006	0,308
CHR4	12503309	CHR4:12503309	SSF x LoA	-11,1198274	-0,003	0,304
CHR4	12512632	CHR4:12512632	SSF x LoA	-8,1530784	0,041	0,309
CHR4	12512641	CHR4:12512641	SSF x LoA	-8,36880996	-0,157	0,301
CHR4	12512646	CHR4:12512646	SSF x LoA	-11,5314056	-0,075	0,306
CHR4	12512684	CHR4:12512684	SSF x LoA	-10,4747547	0,043	0,297
CHR4	12519850	CHR4:12519850	SSF x LoA	-7,29538218	0,041	0,306
CHR4	12519975	CHR4:12519975	SSF x LoA	-8,81460302	0,027	0,293
CHR4	12520018	CHR4:12520018	SSF x LoA	-8,13248311	-0,044	0,322
CHR4	12527206	CHR4:12527206	SSF x LoA	-10,2448699	-0,094	0,311
CHR4	12527208	CHR4:12527208	SSF x LoA	-8,16338043	-0,143	0,286
CHR4	12527222	CHR4:12527222	SSF x LoA	-7,55788552	-0,078	0,315
CHR4	12527260	CHR4:12527260	SSF x LoA	-9,33855009	-0,049	0,301
CHR4	12527312	CHR4:12527312	SSF x LoA	-9,3396802	-0,058	0,310
CHR4	12527830	CHR4:12527830	SSF x LoA	-9,65727124	0,037	0,306
CHR4	12527896	CHR4:12527896	SSF x LoA	-9,21553358	0,053	0,316
CHR4	12535410	CHR4:12535410	SSF x LoA	-9,99514764	0,033	0,309
CHR4	12535415	CHR4:12535415	SSF x LoA	-6,45497226	-0,132	0,293
CHR4	12535454	CHR4:12535454	SSF x LoA	-8,38108265	-0,086	0,295
CHR4	12550794	CHR4:12550794	SSF x LoA	-4,59768667	-0,040	0,312
CHR4	12550848	CHR4:12550848	SSF x LoA	-10,2035685	0,051	0,307
CHR4	12567605	CHR4:12567605	SSF x LoA	-10,553007	0,052	0,300
CHR4	12570717	CHR4:12570717	SSF x LoA	-9,01981961	0,047	0,306
CHR4	12578489	CHR4:12578489	SSF x LoA	-5,28042646	-0,043	0,308
CHR4	12578519	CHR4:12578519	SSF x LoA	-8,01946196	0,050	0,306
CHR4	12578672	CHR4:12578672	SSF x LoA	-10,2195547	-0,038	0,305
CHR4	12578720	CHR4:12578720	SSF x LoA	-11,4343857	-0,072	0,303
CHR4	12578828	CHR4:12578828	SSF x LoA	-9,90692886	-0,030	0,315

CHR4	12583642	CHR4:12583642	SSF x LoA	-5,08746846	0,125	0,292
CHR4	12583693	CHR4:12583693	SSF x LoA	-12,0476285	-0,118	0,295
CHR4	12583707	CHR4:12583707	SSF x LoA	-9,40204353	0,112	0,290
CHR4	12583730	CHR4:12583730	SSF x LoA	-8,41549643	0,129	0,302
CHR4	12583777	CHR4:12583777	SSF x LoA	-7,75634087	0,108	0,306
CHR4	12583780	CHR4:12583780	SSF x LoA	-7,90486699	0,096	0,308
CHR4	12583794	CHR4:12583794	SSF x LoA	-7,66522472	-0,027	0,332
CHR4	12583837	CHR4:12583837	SSF x LoA	-8,2409024	0,104	0,305
CHR4	12583858	CHR4:12583858	SSF x LoA	-11,3792063	-0,098	0,301
CHR4	12593000	CHR4:12593000	SSF x LoA	-8,4226798	0,010	0,310
CHR4	12593006	CHR4:12593006	SSF x LoA	-11,2109166	-0,001	0,318
CHR4	12593040	CHR4:12593040	SSF x LoA	-9,55824408	-0,053	0,296
CHR4	12593058	CHR4:12593058	SSF x LoA	-9,26755259	-0,047	0,302
CHR4	12593060	CHR4:12593060	SSF x LoA	-9,58120654	-0,035	0,306
CHR4	12593168	CHR4:12593168	SSF x LoA	-6,72845415	-0,045	0,311
CHR4	12593195	CHR4:12593195	SSF x LoA	-9,10513076	-0,084	0,304
CHR4	12593225	CHR4:12593225	SSF x LoA	-8,45405155	0,083	0,308
CHR4	12604025	CHR4:12604025	SSF x LoA	-8,39848319	-0,154	0,316
CHR4	12604178	CHR4:12604178	SSF x LoA	-9,81256406	-0,090	0,308
CHR4	12604195	CHR4:12604195	SSF x LoA	-12,4216287	-0,039	0,305
CHR4	12604204	CHR4:12604204	SSF x LoA	-9,89855816	-0,061	0,300
CHR4	12604467	CHR4:12604467	SSF x LoA	-9,51494271	0,019	0,314
CHR4	12604493	CHR4:12604493	SSF x LoA	-10,9847684	-0,069	0,296
CHR4	12608777	CHR4:12608777	SSF x LoA	-8,84298398	0,155	0,295
CHR4	12608829	CHR4:12608829	SSF x LoA	-8,82546399	0,026	0,330
CHR4	12608876	CHR4:12608876	SSF x LoA	-9,92685404	-0,137	0,296
CHR4	12608895	CHR4:12608895	SSF x LoA	-8,33525569	0,073	0,308
CHR4	12608898	CHR4:12608898	SSF x LoA	-9,12523023	0,078	0,298
CHR4	12608972	CHR4:12608972	SSF x LoA	-10,6085267	0,124	0,299
CHR4	12609020	CHR4:12609020	SSF x LoA	-8,65756009	0,062	0,313
CHR4	12609042	CHR4:12609042	SSF x LoA	-7,68781374	0,071	0,308
CHR4	12620805	CHR4:12620805	SSF x LoA	-9,98930988	0,048	0,301
CHR4	12624985	CHR4:12624985	SSF x LoA	-7,48480795	0,056	0,304
CHR4	12625006	CHR4:12625006	SSF x LoA	-8,06342201	0,028	0,307
CHR4	12628013	CHR4:12628013	SSF x LoA	-9,42400307	0,118	0,304
CHR4	12632525	CHR4:12632525	SSF x LoA	-9,05308439	0,145	0,303
CHR4	12632530	CHR4:12632530	SSF x LoA	-9,32171185	0,082	0,306
CHR4	12636828	CHR4:12636828	SSF x LoA	-8,6807148	-0,064	0,296
CHR4	12636988	CHR4:12636988	SSF x LoA	-2,41234775	0,129	0,307
CHR4	12637007	CHR4:12637007	SSF x LoA	-9,11791157	0,117	0,307
CHR4	12637077	CHR4:12637077	SSF x LoA	-6,26101517	0,102	0,302
CHR4	12637080	CHR4:12637080	SSF x LoA	-7,25703899	0,099	0,311
CHR4	12637113	CHR4:12637113	SSF x LoA	-8,29743997	-0,128	0,306
CHR4	12637146	CHR4:12637146	SSF x LoA	-7,65392712	0,121	0,313
CHR4	12637147	CHR4:12637147	SSF x LoA	-7,54504144	-0,135	0,300
CHR4	12637156	CHR4:12637156	SSF x LoA	-10,8021428	0,077	0,309
CHR4	12641457	CHR4:12641457	SSF x LoA	-10,8088481	0,036	0,302
CHR4	12641513	CHR4:12641513	SSF x LoA	-4,71113479	0,107	0,313
CHR4	12641536	CHR4:12641536	SSF x LoA	-9,36438664	0,028	0,312
CHR4	12641552	CHR4:12641552	SSF x LoA	-7,79976994	0,024	0,306
CHR4	12654131	CHR4:12654131	SSF x LoA	-7,3961034	0,063	0,293
CHR4	12654355	CHR4:12654355	SSF x LoA	-8,41187556	0,003	0,317
CHR4	12659043	CHR4:12659043	SSF x LoA	-8,97675049	-0,038	0,308

CHR4	12659069	CHR4:12659069	SSF x LoA	-7,44982179	-0,022	0,319
CHR4	12659129	CHR4:12659129	SSF x LoA	-11,1337909	0,037	0,310
CHR4	12661309	CHR4:12661309	SSF x LoA	-3,41387516	0,001	0,307
CHR4	12664281	CHR4:12664281	SSF x LoA	-11,6678586	-0,055	0,307
CHR4	12664416	CHR4:12664416	SSF x LoA	-9,67337543	-0,087	0,307
CHR4	12664418	CHR4:12664418	SSF x LoA	-10,8820971	-0,015	0,300
CHR4	12664423	CHR4:12664423	SSF x LoA	-7,14545369	0,044	0,308
CHR4	12664424	CHR4:12664424	SSF x LoA	-8,24801478	0,057	0,310
CHR4	12664441	CHR4:12664441	SSF x LoA	-8,6695398	0,027	0,310
CHR4	12664462	CHR4:12664462	SSF x LoA	-6,93896086	0,098	0,287
CHR4	12664483	CHR4:12664483	SSF x LoA	-8,91623516	-0,144	0,307
CHR4	12664497	CHR4:12664497	SSF x LoA	-9,73580686	-0,073	0,307
CHR4	12664502	CHR4:12664502	SSF x LoA	-8,92127388	-0,105	0,308
CHR4	12664517	CHR4:12664517	SSF x LoA	-8,57442774	-0,012	0,306
CHR4	12664526	CHR4:12664526	SSF x LoA	-6,93846351	-0,078	0,307
CHR4	12668596	CHR4:12668596	SSF x LoA	-8,16400867	-0,054	0,290
CHR4	12668656	CHR4:12668656	SSF x LoA	-9,90839337	-0,083	0,313
CHR4	12668732	CHR4:12668732	SSF x LoA	-9,71479021	-0,096	0,311
CHR4	12668748	CHR4:12668748	SSF x LoA	-9,58399428	0,183	0,293
CHR4	12668812	CHR4:12668812	SSF x LoA	-9,10032408	-0,036	0,313
CHR4	12668856	CHR4:12668856	SSF x LoA	-10,5239331	0,053	0,318
CHR4	12668883	CHR4:12668883	SSF x LoA	-11,5422937	0,057	0,300
CHR4	12668884	CHR4:12668884	SSF x LoA	-10,5180705	0,086	0,299
CHR4	12668921	CHR4:12668921	SSF x LoA	-4,49620258	0,001	0,307
CHR4	12680731	CHR4:12680731	SSF x LoA	-5,74425371	0,051	0,310
CHR4	12681335	CHR4:12681335	SSF x LoA	-10,8413509	0,033	0,298
CHR4	12688597	CHR4:12688597	SSF x LoA	-7,70520578	0,042	0,302
CHR4	12688663	CHR4:12688663	SSF x LoA	-1,37745345	0,012	0,310
CHR4	12689709	CHR4:12689709	SSF x LoA	-8,7137544	0,065	0,286
CHR4	12696188	CHR4:12696188	SSF x LoA	-8,68648466	0,103	0,305
CHR4	12696206	CHR4:12696206	SSF x LoA	-8,56930243	0,134	0,293
CHR4	12696306	CHR4:12696306	SSF x LoA	-8,00228926	-0,073	0,307
CHR4	12696307	CHR4:12696307	SSF x LoA	-7,58816608	-0,093	0,316
CHR4	12704674	CHR4:12704674	SSF x LoA	-11,0900031	0,025	0,307
CHR4	12704684	CHR4:12704684	SSF x LoA	-8,44128591	-0,071	0,311
CHR4	12704718	CHR4:12704718	SSF x LoA	-8,28776196	-0,061	0,303
CHR4	12706544	CHR4:12706544	SSF x LoA	-8,09222763	-0,135	0,307
CHR4	12706569	CHR4:12706569	SSF x LoA	-8,53449271	0,031	0,319
CHR4	12706572	CHR4:12706572	SSF x LoA	-8,41134858	0,086	0,302
CHR4	12706583	CHR4:12706583	SSF x LoA	-5,4727689	-0,119	0,302
CHR4	12706590	CHR4:12706590	SSF x LoA	-9,30442382	0,035	0,302
CHR4	12706622	CHR4:12706622	SSF x LoA	-11,3457734	-0,061	0,309
CHR4	12706687	CHR4:12706687	SSF x LoA	-7,79061532	-0,114	0,314
CHR4	12706732	CHR4:12706732	SSF x LoA	-10,6440557	-0,031	0,294
CHR4	12706747	CHR4:12706747	SSF x LoA	-9,69246675	-0,031	0,315
CHR4	12714698	CHR4:12714698	SSF x LoA	-5,73104042	0,155	0,296
CHR4	12714725	CHR4:12714725	SSF x LoA	-8,21874384	-0,090	0,311
CHR4	12714760	CHR4:12714760	SSF x LoA	-2,34264565	-0,155	0,291
CHR4	12714829	CHR4:12714829	SSF x LoA	-8,00943148	-0,093	0,305
CHR4	12714852	CHR4:12714852	SSF x LoA	-8,47976724	-0,088	0,303
CHR4	12714920	CHR4:12714920	SSF x LoA	-9,86138503	0,010	0,313
CHR4	12722208	CHR4:12722208	SSF x LoA	-10,093082	-0,065	0,303
CHR4	12722314	CHR4:12722314	SSF x LoA	-9,8280634	0,011	0,314

CHR4	12723532	CHR4:12723532	SSF x LoA	-9,1335464	-0,059	0,301
CHR4	12723618	CHR4:12723618	SSF x LoA	-10,5633198	-0,054	0,296
CHR4	12723671	CHR4:12723671	SSF x LoA	-9,86414537	-0,070	0,290
CHR4	12723703	CHR4:12723703	SSF x LoA	-10,3523599	-0,034	0,309
CHR4	12727441	CHR4:12727441	SSF x LoA	-9,03364447	-0,043	0,307
CHR4	12728402	CHR4:12728402	SSF x LoA	-6,94785425	-0,058	0,310
CHR4	12728454	CHR4:12728454	SSF x LoA	-9,58422827	0,000	0,290
CHR4	12736385	CHR4:12736385	SSF x LoA	-11,9766924	-0,041	0,299
CHR4	12736432	CHR4:12736432	SSF x LoA	-7,18616843	0,145	0,313
CHR4	12752956	CHR4:12752956	SSF x LoA	-7,6512052	0,078	0,306
CHR4	12752961	CHR4:12752961	SSF x LoA	-1,09244227	-0,216	0,296
CHR4	12753001	CHR4:12753001	SSF x LoA	-6,82818737	-0,144	0,309
CHR4	12753152	CHR4:12753152	SSF x LoA	-10,089392	0,118	0,302
CHR4	12759061	CHR4:12759061	SSF x LoA	-7,15436831	-0,039	0,327
CHR4	12759151	CHR4:12759151	SSF x LoA	-11,384186	0,006	0,302
CHR4	12759310	CHR4:12759310	SSF x LoA	-9,41592967	0,138	0,293
CHR4	12761967	CHR4:12761967	SSF x LoA	-8,58503167	0,211	0,290
CHR4	12762144	CHR4:12762144	SSF x LoA	-8,87465561	0,072	0,314
CHR4	12772886	CHR4:12772886	SSF x LoA	-6,48712463	-0,029	0,310
CHR4	12772911	CHR4:12772911	SSF x LoA	-10,2105212	0,098	0,297
CHR4	12772959	CHR4:12772959	SSF x LoA	-9,34528134	0,003	0,301
CHR4	12772960	CHR4:12772960	SSF x LoA	-5,82734969	-0,066	0,309
CHR4	12772965	CHR4:12772965	SSF x LoA	-11,1238345	-0,059	0,309
CHR4	12776193	CHR4:12776193	SSF x LoA	-7,51579601	0,021	0,301
CHR4	12776293	CHR4:12776293	SSF x LoA	-8,88426441	0,107	0,296
CHR4	12776303	CHR4:12776303	SSF x LoA	-8,11307838	0,125	0,298
CHR4	12776315	CHR4:12776315	SSF x LoA	-10,1123728	0,057	0,299
CHR4	12776358	CHR4:12776358	SSF x LoA	-9,2647548	0,087	0,296
CHR4	12776409	CHR4:12776409	SSF x LoA	-7,58980749	0,128	0,305
CHR4	12778549	CHR4:12778549	SSF x LoA	-3,6005522	-0,127	0,298
CHR4	12778572	CHR4:12778572	SSF x LoA	-9,38625231	0,001	0,307
CHR4	1278562	CHR4:1278562	SSF x LoA	-11,5372247	0,030	0,318
CHR4	12786482	CHR4:12786482	SSF x LoA	-10,4816677	0,004	0,323
CHR4	12786515	CHR4:12786515	SSF x LoA	-8,45735059	-0,043	0,313
CHR4	12795762	CHR4:12795762	SSF x LoA	-6,78908283	0,009	0,325
CHR4	12795801	CHR4:12795801	SSF x LoA	-3,57389653	-0,112	0,305
CHR4	12801656	CHR4:12801656	SSF x LoA	-6,51861614	0,233	0,287
CHR4	12801693	CHR4:12801693	SSF x LoA	-9,55346089	0,043	0,311
CHR4	12801711	CHR4:12801711	SSF x LoA	-10,0114299	-0,097	0,298
CHR4	12801807	CHR4:12801807	SSF x LoA	-7,89278587	-0,103	0,309
CHR4	12801834	CHR4:12801834	SSF x LoA	-11,360584	-0,007	0,309
CHR4	12801952	CHR4:12801952	SSF x LoA	-9,45173495	0,123	0,302
CHR4	12802034	CHR4:12802034	SSF x LoA	-9,39215313	-0,052	0,305
CHR4	12806135	CHR4:12806135	SSF x LoA	-9,16343525	-0,048	0,296
CHR4	12806290	CHR4:12806290	SSF x LoA	-11,5638961	-0,035	0,298
CHR4	12806292	CHR4:12806292	SSF x LoA	-9,67276648	0,087	0,305
CHR4	12817061	CHR4:12817061	SSF x LoA	-9,26343681	0,051	0,310
CHR4	12817117	CHR4:12817117	SSF x LoA	-8,58972873	0,078	0,311
CHR4	12817232	CHR4:12817232	SSF x LoA	-9,83984955	0,100	0,312
CHR4	12821288	CHR4:12821288	SSF x LoA	-6,87982924	-0,166	0,308
CHR4	12821420	CHR4:12821420	SSF x LoA	-8,92780036	0,083	0,297
CHR4	12835100	CHR4:12835100	SSF x LoA	-7,07419542	0,164	0,298
CHR4	12835125	CHR4:12835125	SSF x LoA	-8,8342914	0,035	0,296

CHR4	12835209	CHR4:12835209	SSF x LoA	-9,8963073	0,003	0,296
CHR4	12838545	CHR4:12838545	SSF x LoA	-8,53389959	0,081	0,309
CHR4	12851259	CHR4:12851259	SSF x LoA	-10,4707761	0,047	0,305
CHR4	12851312	CHR4:12851312	SSF x LoA	-11,3375398	-0,077	0,312
CHR4	12851378	CHR4:12851378	SSF x LoA	-9,56758916	-0,064	0,309
CHR4	12851418	CHR4:12851418	SSF x LoA	-9,43284119	0,051	0,315
CHR4	12851427	CHR4:12851427	SSF x LoA	-10,3620864	-0,113	0,314
CHR4	12851435	CHR4:12851435	SSF x LoA	-11,8672706	-0,057	0,293
CHR4	1286296	CHR4:1286296	SSF x LoA	-10,8578183	-0,014	0,305
CHR4	1286403	CHR4:1286403	SSF x LoA	-12,0041904	-0,054	0,301
CHR4	12866224	CHR4:12866224	SSF x LoA	-5,42750335	-0,035	0,323
CHR4	1287861	CHR4:1287861	SSF x LoA	-8,98537384	0,105	0,305
CHR4	1287868	CHR4:1287868	SSF x LoA	-10,983407	-0,020	0,312
CHR4	1287910	CHR4:1287910	SSF x LoA	-12,6405819	-0,031	0,291
CHR4	12888546	CHR4:12888546	SSF x LoA	-9,21527261	0,021	0,318
CHR4	12892265	CHR4:12892265	SSF x LoA	-8,94563704	0,027	0,308
CHR4	12892268	CHR4:12892268	SSF x LoA	-8,57145734	-0,007	0,295
CHR4	12892273	CHR4:12892273	SSF x LoA	-9,19233575	-0,018	0,312
CHR4	12892286	CHR4:12892286	SSF x LoA	-10,8363586	0,030	0,312
CHR4	12892530	CHR4:12892530	SSF x LoA	-10,1122725	0,053	0,300
CHR4	12896282	CHR4:12896282	SSF x LoA	-8,90361237	0,053	0,315
CHR4	12896305	CHR4:12896305	SSF x LoA	-8,02109893	0,056	0,310
CHR4	12896338	CHR4:12896338	SSF x LoA	-10,8695391	-0,016	0,314
CHR4	12940920	CHR4:12940920	SSF x LoA	-9,21276186	0,098	0,294
CHR4	12940956	CHR4:12940956	SSF x LoA	-9,75179818	-0,180	0,304
CHR4	12940981	CHR4:12940981	SSF x LoA	-10,1472038	0,088	0,313
CHR4	12941974	CHR4:12941974	SSF x LoA	-9,01332297	-0,058	0,317
CHR4	12942070	CHR4:12942070	SSF x LoA	-9,50253829	-0,055	0,312
CHR4	1295290	CHR4:1295290	SSF x LoA	-10,5942841	-0,031	0,300
CHR4	1295305	CHR4:1295305	SSF x LoA	-4,54050792	-0,095	0,311
CHR4	1295460	CHR4:1295460	SSF x LoA	-9,0600449	0,001	0,302
CHR4	12955246	CHR4:12955246	SSF x LoA	-9,23204526	0,096	0,290
CHR4	12957976	CHR4:12957976	SSF x LoA	-6,05521776	-0,153	0,310
CHR4	12958052	CHR4:12958052	SSF x LoA	-2,69443931	0,179	0,297
CHR4	12958112	CHR4:12958112	SSF x LoA	-5,8873553	-0,179	0,293
CHR4	12958151	CHR4:12958151	SSF x LoA	-9,7699368	-0,048	0,304
CHR4	12958178	CHR4:12958178	SSF x LoA	-6,32264601	-0,040	0,317
CHR4	12972089	CHR4:12972089	SSF x LoA	-8,55181292	-0,050	0,312
CHR4	12973537	CHR4:12973537	SSF x LoA	-8,45638887	-0,030	0,311
CHR4	12993653	CHR4:12993653	SSF x LoA	-8,92681737	0,042	0,318
CHR4	13001324	CHR4:13001324	SSF x LoA	-9,59548943	-0,056	0,305
CHR4	13009611	CHR4:13009611	SSF x LoA	-11,3155318	0,098	0,298
CHR4	13009748	CHR4:13009748	SSF x LoA	-10,129409	0,021	0,301
CHR4	13009763	CHR4:13009763	SSF x LoA	-8,13568923	0,051	0,325
CHR4	13009807	CHR4:13009807	SSF x LoA	-9,02176663	0,049	0,307
CHR4	13013717	CHR4:13013717	SSF x LoA	-8,62812831	-0,037	0,316
CHR4	13013820	CHR4:13013820	SSF x LoA	-4,89952445	0,083	0,302
CHR4	13022605	CHR4:13022605	SSF x LoA	-8,04090607	0,009	0,309
CHR4	13022647	CHR4:13022647	SSF x LoA	-10,1744787	0,091	0,298
CHR4	13022699	CHR4:13022699	SSF x LoA	-9,32668708	0,031	0,303
CHR4	13025188	CHR4:13025188	SSF x LoA	-11,7024543	0,001	0,303
CHR4	13028992	CHR4:13028992	SSF x LoA	-5,13476754	0,053	0,326
CHR4	13029004	CHR4:13029004	SSF x LoA	-10,4580608	-0,010	0,319

CHR4	13029018	CHR4:13029018	SSF x LoA	-11,0394115	0,026	0,311
CHR4	13029161	CHR4:13029161	SSF x LoA	-8,54912243	-0,024	0,305
CHR4	13030645	CHR4:13030645	SSF x LoA	-9,90653407	-0,050	0,308
CHR4	13031242	CHR4:13031242	SSF x LoA	-10,0593316	-0,125	0,309
CHR4	13031302	CHR4:13031302	SSF x LoA	-9,41036953	0,028	0,297
CHR4	13031360	CHR4:13031360	SSF x LoA	-9,80871547	-0,122	0,299
CHR4	13039895	CHR4:13039895	SSF x LoA	-10,2388277	0,001	0,312
CHR4	13044681	CHR4:13044681	SSF x LoA	-11,0620393	-0,001	0,305
CHR4	13046142	CHR4:13046142	SSF x LoA	-11,2352691	-0,102	0,294
CHR4	13046160	CHR4:13046160	SSF x LoA	-8,96257033	-0,027	0,307
CHR4	13046318	CHR4:13046318	SSF x LoA	-7,90791094	-0,052	0,312
CHR4	13069746	CHR4:13069746	SSF x LoA	-8,18645957	-0,111	0,317
CHR4	13069832	CHR4:13069832	SSF x LoA	-9,70311366	0,023	0,311
CHR4	13071725	CHR4:13071725	SSF x LoA	-8,31278482	-0,042	0,317
CHR4	13072451	CHR4:13072451	SSF x LoA	-5,2778838	-0,089	0,289
CHR4	13079928	CHR4:13079928	SSF x LoA	-9,69813023	-0,068	0,303
CHR4	13080077	CHR4:13080077	SSF x LoA	-8,81382656	0,086	0,306
CHR4	13080099	CHR4:13080099	SSF x LoA	-9,15334807	0,095	0,313
CHR4	13080138	CHR4:13080138	SSF x LoA	-8,46058129	0,040	0,314
CHR4	13080156	CHR4:13080156	SSF x LoA	-10,897643	0,045	0,305
CHR4	13083422	CHR4:13083422	SSF x LoA	-10,7150694	-0,023	0,319
CHR4	13084965	CHR4:13084965	SSF x LoA	-10,3519208	-0,087	0,305
CHR4	13085055	CHR4:13085055	SSF x LoA	-8,52052949	-0,077	0,309
CHR4	13090232	CHR4:13090232	SSF x LoA	-5,25363593	0,005	0,316
CHR4	13090236	CHR4:13090236	SSF x LoA	-7,85373618	0,051	0,310
CHR4	13090254	CHR4:13090254	SSF x LoA	-4,50672234	-0,147	0,309
CHR4	13095776	CHR4:13095776	SSF x LoA	-9,43963909	0,046	0,299
CHR4	13095850	CHR4:13095850	SSF x LoA	-10,1709152	-0,061	0,304
CHR4	13095936	CHR4:13095936	SSF x LoA	-9,12010033	0,007	0,308
CHR4	13095946	CHR4:13095946	SSF x LoA	-2,63155158	0,065	0,290
CHR4	13095991	CHR4:13095991	SSF x LoA	-9,87810495	-0,078	0,308
CHR4	13105917	CHR4:13105917	SSF x LoA	-11,1438273	0,124	0,300
CHR4	13105969	CHR4:13105969	SSF x LoA	-10,5330478	0,071	0,305
CHR4	13105977	CHR4:13105977	SSF x LoA	-10,2723148	-0,091	0,293
CHR4	13105990	CHR4:13105990	SSF x LoA	-8,7471276	-0,102	0,307
CHR4	13106025	CHR4:13106025	SSF x LoA	-7,1649854	-0,072	0,302
CHR4	13106051	CHR4:13106051	SSF x LoA	-10,2464376	-0,014	0,308
CHR4	13106126	CHR4:13106126	SSF x LoA	-6,09292915	0,081	0,306
CHR4	13106159	CHR4:13106159	SSF x LoA	-8,20283313	0,106	0,299
CHR4	13106192	CHR4:13106192	SSF x LoA	-8,85289312	-0,078	0,303
CHR4	13106204	CHR4:13106204	SSF x LoA	-8,21727057	-0,126	0,295
CHR4	13106205	CHR4:13106205	SSF x LoA	-7,95192835	0,061	0,308
CHR4	13110256	CHR4:13110256	SSF x LoA	-8,99719431	0,048	0,304
CHR4	13111867	CHR4:13111867	SSF x LoA	-7,51539116	-0,036	0,312
CHR4	13111901	CHR4:13111901	SSF x LoA	-9,9670854	-0,032	0,314
CHR4	13119500	CHR4:13119500	SSF x LoA	-9,75081807	-0,084	0,313
CHR4	13119509	CHR4:13119509	SSF x LoA	-11,7428929	-0,037	0,312
CHR4	13122250	CHR4:13122250	SSF x LoA	-12,0153448	-0,005	0,317
CHR4	13130644	CHR4:13130644	SSF x LoA	-7,54362317	0,168	0,295
CHR4	13130776	CHR4:13130776	SSF x LoA	-10,3761015	0,005	0,292
CHR4	13130823	CHR4:13130823	SSF x LoA	-11,0055466	0,099	0,292
CHR4	13130913	CHR4:13130913	SSF x LoA	-9,21978594	0,026	0,309
CHR4	13145461	CHR4:13145461	SSF x LoA	-8,20572845	0,071	0,318

CHR4	13168807	CHR4:13168807	SSF x LoA	-8,03863565	-0,021	0,303
CHR4	13171230	CHR4:13171230	SSF x LoA	-10,3281909	-0,017	0,312
CHR4	13171236	CHR4:13171236	SSF x LoA	-11,8365769	-0,049	0,299
CHR4	13171278	CHR4:13171278	SSF x LoA	-10,3569523	-0,092	0,309
CHR4	13171332	CHR4:13171332	SSF x LoA	-9,99636331	0,012	0,318
CHR4	13171342	CHR4:13171342	SSF x LoA	-7,87518755	-0,060	0,306
CHR4	13171389	CHR4:13171389	SSF x LoA	-7,15059701	-0,066	0,295
CHR4	13171457	CHR4:13171457	SSF x LoA	-10,0062497	0,015	0,302
CHR4	13175377	CHR4:13175377	SSF x LoA	-8,87886668	-0,042	0,307
CHR4	13175405	CHR4:13175405	SSF x LoA	-4,69101989	0,088	0,316
CHR4	13175416	CHR4:13175416	SSF x LoA	-11,0898366	0,066	0,302
CHR4	13175476	CHR4:13175476	SSF x LoA	-8,56118843	-0,012	0,319
CHR4	13181253	CHR4:13181253	SSF x LoA	-10,4970421	0,064	0,314
CHR4	13184294	CHR4:13184294	SSF x LoA	-11,7893981	-0,044	0,300
CHR4	13185138	CHR4:13185138	SSF x LoA	-9,10702472	-0,126	0,304
CHR4	13187910	CHR4:13187910	SSF x LoA	-10,2529906	0,128	0,315
CHR4	13199827	CHR4:13199827	SSF x LoA	-9,11277702	-0,128	0,301
CHR4	1320011	CHR4:1320011	SSF x LoA	-11,8522318	0,048	0,295
CHR4	1320088	CHR4:1320088	SSF x LoA	-10,1918698	-0,007	0,305
CHR4	1320089	CHR4:1320089	SSF x LoA	-9,77612949	-0,007	0,298
CHR4	1320132	CHR4:1320132	SSF x LoA	-10,403357	-0,002	0,294
CHR4	1320171	CHR4:1320171	SSF x LoA	-9,44503901	-0,090	0,316
CHR4	1320299	CHR4:1320299	SSF x LoA	-11,2272249	0,029	0,315
CHR4	13205808	CHR4:13205808	SSF x LoA	-11,5511862	-0,019	0,301
CHR4	13205904	CHR4:13205904	SSF x LoA	-11,8448062	0,017	0,295
CHR4	13205959	CHR4:13205959	SSF x LoA	-10,5209828	0,051	0,310
CHR4	13206014	CHR4:13206014	SSF x LoA	-8,96209224	-0,010	0,314
CHR4	13208149	CHR4:13208149	SSF x LoA	-9,37921353	-0,031	0,278
CHR4	13211513	CHR4:13211513	SSF x LoA	-11,6616888	-0,009	0,319
CHR4	13213246	CHR4:13213246	SSF x LoA	-6,97060993	-0,087	0,319
CHR4	13223773	CHR4:13223773	SSF x LoA	-6,74129346	0,001	0,311
CHR4	13223852	CHR4:13223852	SSF x LoA	-8,69755235	0,040	0,308
CHR4	13225517	CHR4:13225517	SSF x LoA	-11,2610552	0,023	0,291
CHR4	13225677	CHR4:13225677	SSF x LoA	-10,2226255	-0,007	0,307
CHR4	13236787	CHR4:13236787	SSF x LoA	-9,0699114	0,130	0,292
CHR4	13237647	CHR4:13237647	SSF x LoA	-7,70487262	0,089	0,317
CHR4	13252977	CHR4:13252977	SSF x LoA	-8,81066876	0,039	0,308
CHR4	13252983	CHR4:13252983	SSF x LoA	-9,41344337	-0,036	0,319
CHR4	13253880	CHR4:13253880	SSF x LoA	-10,199377	-0,042	0,307
CHR4	13253884	CHR4:13253884	SSF x LoA	-9,53541155	-0,038	0,303
CHR4	13253886	CHR4:13253886	SSF x LoA	-9,01335854	-0,026	0,313
CHR4	13254038	CHR4:13254038	SSF x LoA	-9,65115435	0,075	0,295
CHR4	13263850	CHR4:13263850	SSF x LoA	-7,61952625	-0,103	0,322
CHR4	13279724	CHR4:13279724	SSF x LoA	-6,25122513	-0,177	0,294
CHR4	13279814	CHR4:13279814	SSF x LoA	-11,6028863	0,047	0,307
CHR4	1327992	CHR4:1327992	SSF x LoA	-10,7324806	0,118	0,304
CHR4	13279939	CHR4:13279939	SSF x LoA	-7,29456332	0,017	0,312
CHR4	13282011	CHR4:13282011	SSF x LoA	-9,06475204	0,151	0,310
CHR4	13284388	CHR4:13284388	SSF x LoA	-10,7990087	0,016	0,295
CHR4	13284424	CHR4:13284424	SSF x LoA	-9,30927005	0,032	0,306
CHR4	13284459	CHR4:13284459	SSF x LoA	-10,1787624	0,054	0,305
CHR4	13284489	CHR4:13284489	SSF x LoA	-8,93205356	0,089	0,308
CHR4	13286195	CHR4:13286195	SSF x LoA	-7,20525686	0,116	0,305

CHR4	1328717	CHR4:1328717	SSF x LoA	-8,62577085	0,042	0,316
CHR4	13287182	CHR4:13287182	SSF x LoA	-9,41181511	-0,050	0,316
CHR4	13287184	CHR4:13287184	SSF x LoA	-10,125674	0,063	0,307
CHR4	1328807	CHR4:1328807	SSF x LoA	-11,5799497	-0,017	0,314
CHR4	13293283	CHR4:13293283	SSF x LoA	-10,556683	-0,035	0,310
CHR4	13293358	CHR4:13293358	SSF x LoA	-8,17145297	-0,044	0,316
CHR4	13293496	CHR4:13293496	SSF x LoA	-10,8627264	-0,062	0,304
CHR4	13309468	CHR4:13309468	SSF x LoA	-8,09181179	0,124	0,306
CHR4	13309677	CHR4:13309677	SSF x LoA	-7,5273583	-0,127	0,305
CHR4	13309690	CHR4:13309690	SSF x LoA	-9,95265808	0,001	0,295
CHR4	13309694	CHR4:13309694	SSF x LoA	-9,16960734	0,072	0,298
CHR4	13315699	CHR4:13315699	SSF x LoA	-8,72253401	-0,118	0,306
CHR4	13315774	CHR4:13315774	SSF x LoA	-9,03619145	0,005	0,315
CHR4	13333633	CHR4:13333633	SSF x LoA	-9,28443085	-0,010	0,314
CHR4	13334382	CHR4:13334382	SSF x LoA	-11,4848875	-0,027	0,297
CHR4	13334412	CHR4:13334412	SSF x LoA	-8,40628037	0,016	0,301
CHR4	13367315	CHR4:13367315	SSF x LoA	-9,33201028	0,035	0,316
CHR4	13371143	CHR4:13371143	SSF x LoA	-8,50136312	-0,066	0,328
CHR4	13371250	CHR4:13371250	SSF x LoA	-11,0242755	-0,040	0,308
CHR4	13408172	CHR4:13408172	SSF x LoA	-10,0401171	0,018	0,304
CHR4	13417106	CHR4:13417106	SSF x LoA	-11,3540842	-0,059	0,295
CHR4	13419866	CHR4:13419866	SSF x LoA	-8,9352364	0,000	0,303
CHR4	13419875	CHR4:13419875	SSF x LoA	-11,2421421	0,039	0,309
CHR4	13419930	CHR4:13419930	SSF x LoA	-7,6234141	-0,077	0,304
CHR4	1342579	CHR4:1342579	SSF x LoA	-7,09348108	-0,076	0,314
CHR4	1342635	CHR4:1342635	SSF x LoA	-10,1613167	-0,022	0,316
CHR4	1342675	CHR4:1342675	SSF x LoA	-9,72006825	-0,132	0,288
CHR4	13437266	CHR4:13437266	SSF x LoA	-12,103871	-0,056	0,298
CHR4	13447403	CHR4:13447403	SSF x LoA	-8,16135411	0,140	0,315
CHR4	13447503	CHR4:13447503	SSF x LoA	-4,69851768	0,117	0,316
CHR4	1348872	CHR4:1348872	SSF x LoA	-7,35870902	0,162	0,300
CHR4	1348889	CHR4:1348889	SSF x LoA	-9,1746047	0,134	0,303
CHR4	13505527	CHR4:13505527	SSF x LoA	-10,4207302	0,009	0,306
CHR4	13505608	CHR4:13505608	SSF x LoA	-4,39025714	-0,056	0,322
CHR4	13508636	CHR4:13508636	SSF x LoA	-4,98829962	0,088	0,310
CHR4	13508659	CHR4:13508659	SSF x LoA	-11,3083517	-0,075	0,303
CHR4	13508762	CHR4:13508762	SSF x LoA	-7,54401365	0,023	0,302
CHR4	13508795	CHR4:13508795	SSF x LoA	-11,598649	0,015	0,293
CHR4	13510950	CHR4:13510950	SSF x LoA	-10,6336673	0,026	0,302
CHR4	13511056	CHR4:13511056	SSF x LoA	-10,7616638	-0,124	0,314
CHR4	13511097	CHR4:13511097	SSF x LoA	-6,76954101	-0,117	0,304
CHR4	13511162	CHR4:13511162	SSF x LoA	-7,12308494	0,090	0,312
CHR4	13513640	CHR4:13513640	SSF x LoA	-8,13626492	-0,106	0,304
CHR4	13522636	CHR4:13522636	SSF x LoA	-11,4454584	-0,047	0,313
CHR4	13522805	CHR4:13522805	SSF x LoA	-9,61092158	0,022	0,310
CHR4	13522897	CHR4:13522897	SSF x LoA	-10,5659102	-0,018	0,296
CHR4	13526542	CHR4:13526542	SSF x LoA	-11,4410844	0,020	0,305
CHR4	13531573	CHR4:13531573	SSF x LoA	-7,64147736	0,064	0,310
CHR4	13531671	CHR4:13531671	SSF x LoA	-8,72597661	-0,028	0,302
CHR4	13531681	CHR4:13531681	SSF x LoA	-6,389752	-0,090	0,306
CHR4	13534466	CHR4:13534466	SSF x LoA	-9,00671108	0,079	0,310
CHR4	13534487	CHR4:13534487	SSF x LoA	-10,9620574	0,022	0,318
CHR4	13534541	CHR4:13534541	SSF x LoA	-10,431794	-0,009	0,321

CHR4	13543859	CHR4:13543859	SSF x LoA	-10,0721474	0,146	0,291
CHR4	13543960	CHR4:13543960	SSF x LoA	-9,50292514	-0,013	0,307
CHR4	13545703	CHR4:13545703	SSF x LoA	-11,0894996	0,077	0,290
CHR4	13545763	CHR4:13545763	SSF x LoA	-6,58222519	-0,074	0,305
CHR4	1355051	CHR4:1355051	SSF x LoA	-11,5302277	-0,002	0,307
CHR4	13558248	CHR4:13558248	SSF x LoA	-9,21739809	-0,082	0,300
CHR4	13558267	CHR4:13558267	SSF x LoA	-11,1487256	0,014	0,320
CHR4	13558275	CHR4:13558275	SSF x LoA	-10,2986397	-0,084	0,308
CHR4	13558279	CHR4:13558279	SSF x LoA	-8,6192593	-0,049	0,306
CHR4	13558303	CHR4:13558303	SSF x LoA	-7,82416603	0,045	0,302
CHR4	13558309	CHR4:13558309	SSF x LoA	-6,80828908	0,028	0,313
CHR4	13562111	CHR4:13562111	SSF x LoA	-2,72327792	0,218	0,301
CHR4	13571830	CHR4:13571830	SSF x LoA	-11,6627037	-0,017	0,305
CHR4	13581525	CHR4:13581525	SSF x LoA	-11,5554094	0,046	0,303
CHR4	13581673	CHR4:13581673	SSF x LoA	-6,58886532	0,127	0,311
CHR4	13581700	CHR4:13581700	SSF x LoA	-9,1672396	0,034	0,319
CHR4	13599564	CHR4:13599564	SSF x LoA	-3,98484731	-0,060	0,314
CHR4	13601941	CHR4:13601941	SSF x LoA	-9,20928208	0,090	0,301
CHR4	13602444	CHR4:13602444	SSF x LoA	-9,88055607	-0,080	0,298
CHR4	13605329	CHR4:13605329	SSF x LoA	-8,90022137	0,024	0,296
CHR4	13605403	CHR4:13605403	SSF x LoA	-9,50663001	0,041	0,308
CHR4	13609523	CHR4:13609523	SSF x LoA	-9,83679462	-0,023	0,302
CHR4	13617927	CHR4:13617927	SSF x LoA	-9,2361462	-0,014	0,301
CHR4	13617950	CHR4:13617950	SSF x LoA	-9,46927176	0,032	0,318
CHR4	13617985	CHR4:13617985	SSF x LoA	-6,19470473	0,135	0,305
CHR4	13618037	CHR4:13618037	SSF x LoA	-10,2214495	-0,065	0,300
CHR4	13618098	CHR4:13618098	SSF x LoA	-9,46818248	0,108	0,310
CHR4	13618109	CHR4:13618109	SSF x LoA	-9,89410063	-0,074	0,305
CHR4	13618130	CHR4:13618130	SSF x LoA	-9,32478184	0,031	0,315
CHR4	13618195	CHR4:13618195	SSF x LoA	-6,34737192	0,106	0,299
CHR4	13627088	CHR4:13627088	SSF x LoA	-7,90530937	0,069	0,313
CHR4	13641884	CHR4:13641884	SSF x LoA	0,2350618	-0,079	0,312
CHR4	13641926	CHR4:13641926	SSF x LoA	-6,03583214	0,133	0,294
CHR4	13642013	CHR4:13642013	SSF x LoA	-8,77530494	0,099	0,299
CHR4	13654236	CHR4:13654236	SSF x LoA	-10,5921557	-0,077	0,323
CHR4	13662418	CHR4:13662418	SSF x LoA	-5,70963986	0,188	0,285
CHR4	13662460	CHR4:13662460	SSF x LoA	-6,13756677	0,227	0,282
CHR4	13662489	CHR4:13662489	SSF x LoA	-7,26141	-0,078	0,301
CHR4	13662510	CHR4:13662510	SSF x LoA	-2,81130796	0,205	0,294
CHR4	13662518	CHR4:13662518	SSF x LoA	-8,33683011	-0,061	0,311
CHR4	13686655	CHR4:13686655	SSF x LoA	-11,865904	-0,042	0,294
CHR4	13703219	CHR4:13703219	SSF x LoA	-5,85238429	0,019	0,322
CHR4	13718734	CHR4:13718734	SSF x LoA	-7,45539984	-0,085	0,307
CHR4	13720709	CHR4:13720709	SSF x LoA	-8,45010508	-0,142	0,305
CHR4	13720774	CHR4:13720774	SSF x LoA	-8,53884372	-0,119	0,311
CHR4	13725244	CHR4:13725244	SSF x LoA	-11,7429328	0,052	0,305
CHR4	13728967	CHR4:13728967	SSF x LoA	-11,3710042	0,003	0,308
CHR4	13729152	CHR4:13729152	SSF x LoA	-7,80443008	-0,048	0,310
CHR4	13734598	CHR4:13734598	SSF x LoA	-3,80138562	-0,051	0,303
CHR4	13734607	CHR4:13734607	SSF x LoA	-10,6040579	0,073	0,315
CHR4	13734679	CHR4:13734679	SSF x LoA	-8,94451872	-0,022	0,298
CHR4	13734707	CHR4:13734707	SSF x LoA	-10,3891436	0,054	0,308
CHR4	13734717	CHR4:13734717	SSF x LoA	-10,3579745	0,051	0,312

CHR4	13734766	CHR4:13734766	SSF x LoA	-5,84426805	-0,108	0,307
CHR4	13743320	CHR4:13743320	SSF x LoA	-9,19400303	-0,172	0,308
CHR4	13747686	CHR4:13747686	SSF x LoA	-4,32833803	-0,191	0,295
CHR4	13747687	CHR4:13747687	SSF x LoA	-5,38968304	-0,185	0,305
CHR4	13747758	CHR4:13747758	SSF x LoA	-9,03723532	-0,025	0,312
CHR4	13784976	CHR4:13784976	SSF x LoA	-2,9282116	-0,196	0,292
CHR4	13788803	CHR4:13788803	SSF x LoA	-9,58932555	-0,066	0,305
CHR4	13788869	CHR4:13788869	SSF x LoA	-9,95167378	-0,094	0,310
CHR4	13795149	CHR4:13795149	SSF x LoA	-7,81277933	-0,054	0,313
CHR4	13804958	CHR4:13804958	SSF x LoA	-9,36648627	-0,002	0,305
CHR4	13805182	CHR4:13805182	SSF x LoA	-10,4510219	-0,039	0,313
CHR4	13826146	CHR4:13826146	SSF x LoA	-5,7539495	0,124	0,302
CHR4	1382691	CHR4:1382691	SSF x LoA	-10,4130162	0,030	0,320
CHR4	1382704	CHR4:1382704	SSF x LoA	-11,5833546	0,019	0,306
CHR4	13832417	CHR4:13832417	SSF x LoA	-9,0147361	0,018	0,309
CHR4	13832456	CHR4:13832456	SSF x LoA	-9,66528524	-0,030	0,305
CHR4	13832605	CHR4:13832605	SSF x LoA	-9,94726074	0,044	0,309
CHR4	13832638	CHR4:13832638	SSF x LoA	-9,77861681	0,023	0,314
CHR4	13834029	CHR4:13834029	SSF x LoA	-8,54479667	0,088	0,314
CHR4	13850976	CHR4:13850976	SSF x LoA	-9,43373179	-0,083	0,302
CHR4	13851328	CHR4:13851328	SSF x LoA	-9,40191804	-0,182	0,294
CHR4	13861164	CHR4:13861164	SSF x LoA	-9,9206992	-0,032	0,319
CHR4	13861399	CHR4:13861399	SSF x LoA	-6,83431861	0,172	0,307
CHR4	13865787	CHR4:13865787	SSF x LoA	-9,96569395	-0,078	0,303
CHR4	13865949	CHR4:13865949	SSF x LoA	-9,17370697	-0,039	0,307
CHR4	13865974	CHR4:13865974	SSF x LoA	-8,96461225	0,000	0,308
CHR4	13866069	CHR4:13866069	SSF x LoA	-8,70937971	-0,062	0,316
CHR4	13869878	CHR4:13869878	SSF x LoA	-8,34440536	0,108	0,301
CHR4	13869959	CHR4:13869959	SSF x LoA	-8,69431918	-0,093	0,305
CHR4	13875831	CHR4:13875831	SSF x LoA	-8,78632506	0,072	0,316
CHR4	13875858	CHR4:13875858	SSF x LoA	-10,9268476	0,039	0,312
CHR4	13875898	CHR4:13875898	SSF x LoA	-11,8558391	0,067	0,291
CHR4	13889998	CHR4:13889998	SSF x LoA	-9,20578308	-0,070	0,322
CHR4	13903244	CHR4:13903244	SSF x LoA	-9,36549066	0,084	0,302
CHR4	13903260	CHR4:13903260	SSF x LoA	-11,6727102	0,075	0,304
CHR4	13903357	CHR4:13903357	SSF x LoA	-8,63140694	-0,013	0,306
CHR4	13903363	CHR4:13903363	SSF x LoA	-8,53805059	-0,076	0,299
CHR4	13903458	CHR4:13903458	SSF x LoA	-7,41268307	-0,098	0,302
CHR4	1391218	CHR4:1391218	SSF x LoA	-10,4646152	0,003	0,319
CHR4	1391300	CHR4:1391300	SSF x LoA	-8,10160949	0,057	0,305
CHR4	1391389	CHR4:1391389	SSF x LoA	-7,63052216	0,057	0,314
CHR4	13919828	CHR4:13919828	SSF x LoA	-6,85303646	-0,218	0,292
CHR4	13923551	CHR4:13923551	SSF x LoA	-11,4458917	0,064	0,310
CHR4	13923565	CHR4:13923565	SSF x LoA	-8,08499734	0,174	0,296
CHR4	13928856	CHR4:13928856	SSF x LoA	-5,43806162	-0,159	0,303
CHR4	13928867	CHR4:13928867	SSF x LoA	-9,81071692	-0,056	0,312
CHR4	13928918	CHR4:13928918	SSF x LoA	-9,05357786	0,011	0,316
CHR4	13952245	CHR4:13952245	SSF x LoA	-7,04374573	-0,060	0,295
CHR4	13952290	CHR4:13952290	SSF x LoA	-8,9975508	-0,032	0,285
CHR4	13952370	CHR4:13952370	SSF x LoA	-8,57095207	-0,004	0,296
CHR4	13968194	CHR4:13968194	SSF x LoA	-8,29460005	0,042	0,295
CHR4	13968254	CHR4:13968254	SSF x LoA	-4,30338843	-0,077	0,319
CHR4	13969146	CHR4:13969146	SSF x LoA	-8,1031739	-0,084	0,311

CHR4	13973023	CHR4:13973023	SSF x LoA	-10,5176572	0,057	0,313
CHR4	13973102	CHR4:13973102	SSF x LoA	-10,107339	0,040	0,317
CHR4	13978458	CHR4:13978458	SSF x LoA	-7,16687677	-0,111	0,307
CHR4	13978509	CHR4:13978509	SSF x LoA	-5,90495056	0,153	0,302
CHR4	13978626	CHR4:13978626	SSF x LoA	-9,30046212	-0,024	0,303
CHR4	13982494	CHR4:13982494	SSF x LoA	-9,95488717	0,008	0,307
CHR4	13982702	CHR4:13982702	SSF x LoA	-5,89740772	0,119	0,307
CHR4	13986684	CHR4:13986684	SSF x LoA	-9,5434683	0,077	0,289
CHR4	13986732	CHR4:13986732	SSF x LoA	-8,39526872	-0,060	0,310
CHR4	13986748	CHR4:13986748	SSF x LoA	-9,3332538	-0,049	0,318
CHR4	13993139	CHR4:13993139	SSF x LoA	-6,26106798	-0,135	0,298
CHR4	13994048	CHR4:13994048	SSF x LoA	-8,54523449	0,021	0,312
CHR4	14001672	CHR4:14001672	SSF x LoA	-8,2984269	0,028	0,319
CHR4	14003444	CHR4:14003444	SSF x LoA	-6,93497058	0,127	0,297
CHR4	14003501	CHR4:14003501	SSF x LoA	-7,81760806	0,053	0,315
CHR4	14008439	CHR4:14008439	SSF x LoA	-8,98839307	-0,024	0,321
CHR4	14011028	CHR4:14011028	SSF x LoA	-8,80673078	0,031	0,320
CHR4	14011049	CHR4:14011049	SSF x LoA	-7,30094077	0,029	0,316
CHR4	14013834	CHR4:14013834	SSF x LoA	-11,0261948	0,027	0,315
CHR4	14013973	CHR4:14013973	SSF x LoA	-10,7395186	0,039	0,308
CHR4	14018166	CHR4:14018166	SSF x LoA	-11,5230655	-0,059	0,314
CHR4	14018194	CHR4:14018194	SSF x LoA	-9,86050086	0,007	0,316
CHR4	14018203	CHR4:14018203	SSF x LoA	-8,58692015	-0,057	0,310
CHR4	14018271	CHR4:14018271	SSF x LoA	-7,17308951	0,007	0,317
CHR4	14018306	CHR4:14018306	SSF x LoA	-8,76726612	0,040	0,306
CHR4	14018321	CHR4:14018321	SSF x LoA	-8,94755291	0,017	0,313
CHR4	14018350	CHR4:14018350	SSF x LoA	-9,24114023	0,012	0,316
CHR4	14018361	CHR4:14018361	SSF x LoA	-7,50033274	0,009	0,325
CHR4	14024213	CHR4:14024213	SSF x LoA	-10,2308214	-0,008	0,297
CHR4	14024220	CHR4:14024220	SSF x LoA	-9,11357169	0,017	0,302
CHR4	14024258	CHR4:14024258	SSF x LoA	-8,95123643	-0,004	0,304
CHR4	14024346	CHR4:14024346	SSF x LoA	-10,4957652	-0,038	0,300
CHR4	14024347	CHR4:14024347	SSF x LoA	-5,82965771	-0,108	0,307
CHR4	14024355	CHR4:14024355	SSF x LoA	-11,3431792	0,014	0,304
CHR4	14025273	CHR4:14025273	SSF x LoA	-11,3381313	-0,100	0,306
CHR4	14034926	CHR4:14034926	SSF x LoA	-5,22049729	0,033	0,315
CHR4	14035009	CHR4:14035009	SSF x LoA	-11,066592	0,031	0,315
CHR4	14035047	CHR4:14035047	SSF x LoA	-10,4693035	0,121	0,300
CHR4	14035058	CHR4:14035058	SSF x LoA	-6,03648213	0,028	0,297
CHR4	14040253	CHR4:14040253	SSF x LoA	-9,35116335	0,111	0,312
CHR4	14040265	CHR4:14040265	SSF x LoA	-10,7973307	0,094	0,297
CHR4	14040283	CHR4:14040283	SSF x LoA	-7,40438948	0,160	0,304
CHR4	14040285	CHR4:14040285	SSF x LoA	-8,62010526	0,134	0,306
CHR4	14040290	CHR4:14040290	SSF x LoA	-8,9050727	0,119	0,309
CHR4	14040295	CHR4:14040295	SSF x LoA	-7,06185604	0,138	0,306
CHR4	14040300	CHR4:14040300	SSF x LoA	-9,04078488	0,130	0,299
CHR4	14040307	CHR4:14040307	SSF x LoA	-10,0062703	0,156	0,294
CHR4	14040312	CHR4:14040312	SSF x LoA	-9,25431095	0,167	0,297
CHR4	14040322	CHR4:14040322	SSF x LoA	-9,9668487	0,147	0,300
CHR4	14040325	CHR4:14040325	SSF x LoA	-9,46629432	0,138	0,302
CHR4	14040331	CHR4:14040331	SSF x LoA	-8,97400635	0,162	0,302
CHR4	14040332	CHR4:14040332	SSF x LoA	-9,09575106	0,142	0,300
CHR4	14040338	CHR4:14040338	SSF x LoA	-9,26076079	0,144	0,296

CHR4	14040343	CHR4:14040343	SSF x LoA	-9,97200516	0,138	0,297
CHR4	14040346	CHR4:14040346	SSF x LoA	-4,85679585	0,130	0,300
CHR4	14040349	CHR4:14040349	SSF x LoA	-8,85094697	0,175	0,282
CHR4	14040359	CHR4:14040359	SSF x LoA	-9,68212826	0,141	0,296
CHR4	14040360	CHR4:14040360	SSF x LoA	-9,9334872	-0,092	0,311
CHR4	14040362	CHR4:14040362	SSF x LoA	-8,03360238	0,127	0,314
CHR4	14040367	CHR4:14040367	SSF x LoA	-10,0686287	0,128	0,298
CHR4	14040372	CHR4:14040372	SSF x LoA	-2,21285784	0,157	0,298
CHR4	14040373	CHR4:14040373	SSF x LoA	-7,29569859	0,171	0,303
CHR4	14043305	CHR4:14043305	SSF x LoA	-9,81204114	0,148	0,301
CHR4	14043318	CHR4:14043318	SSF x LoA	-5,24719164	0,171	0,316
CHR4	14043352	CHR4:14043352	SSF x LoA	-8,42465303	0,091	0,314
CHR4	14043394	CHR4:14043394	SSF x LoA	-7,28510609	0,180	0,286
CHR4	14043396	CHR4:14043396	SSF x LoA	-10,5624348	-0,085	0,306
CHR4	14060869	CHR4:14060869	SSF x LoA	-9,62381352	0,093	0,303
CHR4	14060883	CHR4:14060883	SSF x LoA	-7,21863557	-0,002	0,306
CHR4	14070926	CHR4:14070926	SSF x LoA	-8,11342574	0,140	0,290
CHR4	1407244	CHR4:1407244	SSF x LoA	-8,58258552	0,081	0,299
CHR4	1407273	CHR4:1407273	SSF x LoA	-11,8023375	0,000	0,293
CHR4	1407306	CHR4:1407306	SSF x LoA	-9,59138203	-0,031	0,313
CHR4	14079403	CHR4:14079403	SSF x LoA	-9,18025116	-0,020	0,308
CHR4	14079476	CHR4:14079476	SSF x LoA	-8,77026653	0,086	0,283
CHR4	14079531	CHR4:14079531	SSF x LoA	-10,1273922	-0,032	0,275
CHR4	14079539	CHR4:14079539	SSF x LoA	-9,735221	0,053	0,306
CHR4	14090622	CHR4:14090622	SSF x LoA	-7,80541571	0,141	0,304
CHR4	14090746	CHR4:14090746	SSF x LoA	-10,2876784	0,009	0,313
CHR4	14090794	CHR4:14090794	SSF x LoA	-9,62549071	0,033	0,308
CHR4	14090856	CHR4:14090856	SSF x LoA	-7,08965735	0,147	0,291
CHR4	14096317	CHR4:14096317	SSF x LoA	-10,1587424	-0,006	0,319
CHR4	14096341	CHR4:14096341	SSF x LoA	-10,7400897	0,062	0,304
CHR4	14096383	CHR4:14096383	SSF x LoA	-7,18014613	-0,187	0,294
CHR4	14097392	CHR4:14097392	SSF x LoA	-10,2637597	-0,096	0,296
CHR4	14097418	CHR4:14097418	SSF x LoA	-10,5205046	-0,064	0,299
CHR4	14097454	CHR4:14097454	SSF x LoA	-4,74080533	-0,091	0,290
CHR4	14097462	CHR4:14097462	SSF x LoA	-10,658552	-0,073	0,292
CHR4	14097476	CHR4:14097476	SSF x LoA	-10,3161048	-0,097	0,302
CHR4	14097487	CHR4:14097487	SSF x LoA	-10,3082512	-0,068	0,306
CHR4	14104804	CHR4:14104804	SSF x LoA	-7,59612129	0,084	0,310
CHR4	14104806	CHR4:14104806	SSF x LoA	-11,9257277	0,040	0,303
CHR4	14104888	CHR4:14104888	SSF x LoA	-11,7077333	0,028	0,307
CHR4	14104906	CHR4:14104906	SSF x LoA	-8,26365903	0,047	0,318
CHR4	14104921	CHR4:14104921	SSF x LoA	-8,34806512	-0,077	0,303
CHR4	14104965	CHR4:14104965	SSF x LoA	-8,07510208	-0,085	0,305
CHR4	14114857	CHR4:14114857	SSF x LoA	-10,516576	0,035	0,307
CHR4	14115051	CHR4:14115051	SSF x LoA	-11,0934174	0,021	0,305
CHR4	14133767	CHR4:14133767	SSF x LoA	-7,08876083	-0,071	0,313
CHR4	1414560	CHR4:1414560	SSF x LoA	-11,997197	0,014	0,303
CHR4	1414795	CHR4:1414795	SSF x LoA	-11,092416	-0,099	0,303
CHR4	1414854	CHR4:1414854	SSF x LoA	-8,89551063	0,030	0,305
CHR4	1414886	CHR4:1414886	SSF x LoA	-9,75121485	0,023	0,300
CHR4	14152431	CHR4:14152431	SSF x LoA	-8,44357168	-0,032	0,304
CHR4	14152614	CHR4:14152614	SSF x LoA	-9,58651428	-0,149	0,300
CHR4	14165021	CHR4:14165021	SSF x LoA	-10,791679	-0,043	0,296

CHR4	14183589	CHR4:14183589	SSF x LoA	-7,56769908	0,043	0,315
CHR4	14193751	CHR4:14193751	SSF x LoA	-8,95050829	-0,026	0,316
CHR4	14193938	CHR4:14193938	SSF x LoA	-6,63877653	0,140	0,296
CHR4	14194001	CHR4:14194001	SSF x LoA	-9,30018241	-0,063	0,304
CHR4	14215825	CHR4:14215825	SSF x LoA	-8,93426654	0,022	0,301
CHR4	14215872	CHR4:14215872	SSF x LoA	-9,73060656	-0,114	0,308
CHR4	14215881	CHR4:14215881	SSF x LoA	-12,0071405	-0,020	0,312
CHR4	14215884	CHR4:14215884	SSF x LoA	-8,94752998	-0,016	0,300
CHR4	14215904	CHR4:14215904	SSF x LoA	-4,23081534	0,017	0,299
CHR4	14215952	CHR4:14215952	SSF x LoA	-9,20364547	-0,079	0,302
CHR4	14215961	CHR4:14215961	SSF x LoA	-9,03443436	-0,028	0,305
CHR4	14216004	CHR4:14216004	SSF x LoA	-5,42788301	0,118	0,307
CHR4	14216046	CHR4:14216046	SSF x LoA	-8,42561396	0,054	0,314
CHR4	14216067	CHR4:14216067	SSF x LoA	-11,632136	0,069	0,295
CHR4	14220646	CHR4:14220646	SSF x LoA	-10,0798192	0,000	0,289
CHR4	14220665	CHR4:14220665	SSF x LoA	-7,09528309	0,201	0,300
CHR4	14220681	CHR4:14220681	SSF x LoA	-10,7566273	-0,007	0,313
CHR4	14228305	CHR4:14228305	SSF x LoA	-8,80880115	0,159	0,297
CHR4	14228373	CHR4:14228373	SSF x LoA	-6,93786124	0,144	0,310
CHR4	14228435	CHR4:14228435	SSF x LoA	-10,3106123	0,059	0,306
CHR4	14228451	CHR4:14228451	SSF x LoA	-10,0913635	0,059	0,322
CHR4	14231903	CHR4:14231903	SSF x LoA	-5,42454041	0,141	0,313
CHR4	14232041	CHR4:14232041	SSF x LoA	-2,14489105	-0,211	0,293
CHR4	14232089	CHR4:14232089	SSF x LoA	-6,01959665	-0,191	0,294
CHR4	14232123	CHR4:14232123	SSF x LoA	-8,74846929	-0,065	0,297
CHR4	14232151	CHR4:14232151	SSF x LoA	-8,33133326	0,022	0,310
CHR4	14232174	CHR4:14232174	SSF x LoA	-9,78279811	-0,076	0,304
CHR4	14234379	CHR4:14234379	SSF x LoA	-10,7036233	0,023	0,301
CHR4	14234400	CHR4:14234400	SSF x LoA	-9,88541843	0,083	0,302
CHR4	14234500	CHR4:14234500	SSF x LoA	-9,33500004	-0,026	0,308
CHR4	14239222	CHR4:14239222	SSF x LoA	-8,24523516	0,088	0,288
CHR4	14239313	CHR4:14239313	SSF x LoA	-12,0837132	-0,035	0,308
CHR4	14244429	CHR4:14244429	SSF x LoA	-8,79820331	0,045	0,301
CHR4	14246794	CHR4:14246794	SSF x LoA	-0,43145773	0,227	0,291
CHR4	14246808	CHR4:14246808	SSF x LoA	-8,37812886	-0,084	0,302
CHR4	14246838	CHR4:14246838	SSF x LoA	-7,79316989	-0,104	0,302
CHR4	14246994	CHR4:14246994	SSF x LoA	-10,1946301	0,095	0,312
CHR4	14248642	CHR4:14248642	SSF x LoA	-11,0397974	0,067	0,305
CHR4	1425659	CHR4:1425659	SSF x LoA	-3,39331889	-0,077	0,307
CHR4	1425663	CHR4:1425663	SSF x LoA	-9,38933139	-0,071	0,308
CHR4	1425695	CHR4:1425695	SSF x LoA	-9,75776553	0,014	0,296
CHR4	1425757	CHR4:1425757	SSF x LoA	-10,3418283	0,002	0,295
CHR4	1425818	CHR4:1425818	SSF x LoA	-5,07082368	-0,151	0,285
CHR4	1425881	CHR4:1425881	SSF x LoA	-9,10628297	-0,022	0,313
CHR4	14276914	CHR4:14276914	SSF x LoA	-6,46584781	-0,100	0,312
CHR4	14276953	CHR4:14276953	SSF x LoA	-9,07798783	0,099	0,295
CHR4	14279554	CHR4:14279554	SSF x LoA	-6,2007365	0,142	0,294
CHR4	14300905	CHR4:14300905	SSF x LoA	-2,52590945	-0,143	0,310
CHR4	14300945	CHR4:14300945	SSF x LoA	-9,44413708	0,030	0,317
CHR4	14302880	CHR4:14302880	SSF x LoA	-5,08041373	-0,079	0,318
CHR4	14325222	CHR4:14325222	SSF x LoA	-8,24376715	0,103	0,300
CHR4	14329129	CHR4:14329129	SSF x LoA	-9,63199336	0,008	0,308
CHR4	14333530	CHR4:14333530	SSF x LoA	0,91373316	-0,090	0,312

CHR4	14338097	CHR4:14338097	SSF x LoA	-7,70815714	0,063	0,314
CHR4	14343681	CHR4:14343681	SSF x LoA	-11,5031045	-0,086	0,316
CHR4	14343811	CHR4:14343811	SSF x LoA	-10,9328704	-0,062	0,310
CHR4	14355137	CHR4:14355137	SSF x LoA	-4,00304688	0,213	0,302
CHR4	14355714	CHR4:14355714	SSF x LoA	-11,3561116	-0,014	0,326
CHR4	14369195	CHR4:14369195	SSF x LoA	-8,633217	0,073	0,310
CHR4	14369321	CHR4:14369321	SSF x LoA	-10,6606538	-0,079	0,291
CHR4	14369405	CHR4:14369405	SSF x LoA	-7,68511654	-0,015	0,290
CHR4	14374040	CHR4:14374040	SSF x LoA	-5,51818173	0,131	0,312
CHR4	14374145	CHR4:14374145	SSF x LoA	-6,24544341	-0,050	0,311
CHR4	14374193	CHR4:14374193	SSF x LoA	-8,69701133	-0,015	0,324
CHR4	14374225	CHR4:14374225	SSF x LoA	-7,76658396	0,143	0,301
CHR4	14374293	CHR4:14374293	SSF x LoA	-11,6602184	0,014	0,305
CHR4	14378349	CHR4:14378349	SSF x LoA	-7,16231222	0,151	0,292
CHR4	14378461	CHR4:14378461	SSF x LoA	-5,13876912	0,169	0,295
CHR4	14378514	CHR4:14378514	SSF x LoA	-10,2054806	-0,043	0,308
CHR4	14378546	CHR4:14378546	SSF x LoA	-8,00547955	0,139	0,304
CHR4	14397595	CHR4:14397595	SSF x LoA	-8,63352265	-0,063	0,317
CHR4	14397596	CHR4:14397596	SSF x LoA	-7,73306366	-0,116	0,318
CHR4	14397606	CHR4:14397606	SSF x LoA	-8,31345107	0,126	0,302
CHR4	14397649	CHR4:14397649	SSF x LoA	-12,2749999	-0,018	0,308
CHR4	14397825	CHR4:14397825	SSF x LoA	-6,29350349	-0,061	0,313
CHR4	14406904	CHR4:14406904	SSF x LoA	-10,682179	0,055	0,303
CHR4	14406943	CHR4:14406943	SSF x LoA	-8,6529384	-0,074	0,309
CHR4	14407119	CHR4:14407119	SSF x LoA	-8,08916521	0,051	0,300
CHR4	14407138	CHR4:14407138	SSF x LoA	-9,50038933	0,033	0,302
CHR4	1440724	CHR4:1440724	SSF x LoA	-9,1823899	0,069	0,312
CHR4	1440783	CHR4:1440783	SSF x LoA	3,72502231	0,197	0,282
CHR4	14415581	CHR4:14415581	SSF x LoA	-7,48349532	0,078	0,300
CHR4	14415641	CHR4:14415641	SSF x LoA	-8,45565865	0,000	0,318
CHR4	14415654	CHR4:14415654	SSF x LoA	-10,7512682	0,031	0,318
CHR4	14417265	CHR4:14417265	SSF x LoA	-7,14308806	-0,083	0,313
CHR4	14417277	CHR4:14417277	SSF x LoA	-7,84379793	0,115	0,308
CHR4	14417400	CHR4:14417400	SSF x LoA	-11,1364295	-0,113	0,305
CHR4	14417451	CHR4:14417451	SSF x LoA	-9,65768327	0,162	0,298
CHR4	14425484	CHR4:14425484	SSF x LoA	-10,381661	-0,088	0,304
CHR4	14425501	CHR4:14425501	SSF x LoA	-12,1768957	0,048	0,298
CHR4	14425519	CHR4:14425519	SSF x LoA	-9,08692653	0,120	0,298
CHR4	14425611	CHR4:14425611	SSF x LoA	-11,3913183	-0,080	0,306
CHR4	14425652	CHR4:14425652	SSF x LoA	-11,4038959	-0,052	0,306
CHR4	1442671	CHR4:1442671	SSF x LoA	-6,73851776	0,069	0,305
CHR4	1442707	CHR4:1442707	SSF x LoA	-12,0100229	-0,060	0,306
CHR4	14435554	CHR4:14435554	SSF x LoA	-9,43826081	0,014	0,309
CHR4	14435586	CHR4:14435586	SSF x LoA	-8,46487863	-0,162	0,312
CHR4	14435610	CHR4:14435610	SSF x LoA	-9,60044012	0,019	0,310
CHR4	14438123	CHR4:14438123	SSF x LoA	-10,3785115	-0,007	0,304
CHR4	1444186	CHR4:1444186	SSF x LoA	-6,11621498	0,122	0,308
CHR4	1444224	CHR4:1444224	SSF x LoA	-8,12413715	0,099	0,308
CHR4	14442972	CHR4:14442972	SSF x LoA	-11,9427629	0,078	0,299
CHR4	14443804	CHR4:14443804	SSF x LoA	-8,39327322	-0,085	0,296
CHR4	14458043	CHR4:14458043	SSF x LoA	-10,0707909	-0,117	0,309
CHR4	14458179	CHR4:14458179	SSF x LoA	-9,14940517	-0,083	0,297
CHR4	1446183	CHR4:1446183	SSF x LoA	-8,43412101	-0,122	0,296

CHR4	1446184	CHR4:1446184	SSF x LoA	-8,80278733	-0,165	0,305
CHR4	1446201	CHR4:1446201	SSF x LoA	-10,1185516	-0,009	0,309
CHR4	1446228	CHR4:1446228	SSF x LoA	-1,87000702	0,019	0,313
CHR4	14463983	CHR4:14463983	SSF x LoA	-9,82662456	0,080	0,309
CHR4	14464011	CHR4:14464011	SSF x LoA	-8,03530631	-0,110	0,314
CHR4	14471202	CHR4:14471202	SSF x LoA	-8,42418901	0,083	0,308
CHR4	14471279	CHR4:14471279	SSF x LoA	-9,44258235	0,091	0,294
CHR4	14471358	CHR4:14471358	SSF x LoA	-7,97973365	0,038	0,299
CHR4	14472434	CHR4:14472434	SSF x LoA	-8,96091321	0,013	0,315
CHR4	14472483	CHR4:14472483	SSF x LoA	-11,666496	-0,010	0,299
CHR4	14473596	CHR4:14473596	SSF x LoA	-9,72728331	-0,046	0,309
CHR4	14473697	CHR4:14473697	SSF x LoA	-8,76685211	-0,037	0,323
CHR4	14475200	CHR4:14475200	SSF x LoA	-8,3943114	-0,091	0,307
CHR4	14475237	CHR4:14475237	SSF x LoA	-8,01407223	0,083	0,311
CHR4	14487159	CHR4:14487159	SSF x LoA	-10,539722	0,114	0,306
CHR4	14488833	CHR4:14488833	SSF x LoA	-8,57583254	-0,078	0,317
CHR4	1451300	CHR4:1451300	SSF x LoA	-6,99520747	-0,036	0,319
CHR4	1451310	CHR4:1451310	SSF x LoA	6,27552819	-0,175	0,313
CHR4	14523672	CHR4:14523672	SSF x LoA	-9,12980693	0,005	0,303
CHR4	14527099	CHR4:14527099	SSF x LoA	-7,49460481	0,134	0,281
CHR4	14527172	CHR4:14527172	SSF x LoA	-9,27098593	-0,051	0,302
CHR4	14533293	CHR4:14533293	SSF x LoA	-8,49341493	-0,089	0,305
CHR4	14533299	CHR4:14533299	SSF x LoA	-9,08968942	0,060	0,305
CHR4	14533371	CHR4:14533371	SSF x LoA	-9,29996643	-0,099	0,307
CHR4	14533372	CHR4:14533372	SSF x LoA	-7,8638673	-0,006	0,305
CHR4	14533381	CHR4:14533381	SSF x LoA	-8,81447435	-0,008	0,310
CHR4	14533389	CHR4:14533389	SSF x LoA	-7,99730863	0,003	0,309
CHR4	14533482	CHR4:14533482	SSF x LoA	-6,15251854	0,044	0,295
CHR4	14533517	CHR4:14533517	SSF x LoA	-10,0206555	0,008	0,304
CHR4	14533523	CHR4:14533523	SSF x LoA	-6,81781812	0,092	0,316
CHR4	14533550	CHR4:14533550	SSF x LoA	-6,25054324	-0,093	0,304
CHR4	14533555	CHR4:14533555	SSF x LoA	-10,3404271	0,056	0,287
CHR4	14533557	CHR4:14533557	SSF x LoA	-10,5026751	-0,036	0,312
CHR4	14537526	CHR4:14537526	SSF x LoA	-9,71569225	0,002	0,308
CHR4	14537608	CHR4:14537608	SSF x LoA	-11,3466003	0,041	0,310
CHR4	14537648	CHR4:14537648	SSF x LoA	-10,0512901	-0,144	0,291
CHR4	14540545	CHR4:14540545	SSF x LoA	-9,95732929	0,074	0,309
CHR4	14540555	CHR4:14540555	SSF x LoA	-8,0926556	0,002	0,315
CHR4	14540573	CHR4:14540573	SSF x LoA	-4,47412991	0,092	0,299
CHR4	14540603	CHR4:14540603	SSF x LoA	-9,05012587	0,113	0,313
CHR4	1456082	CHR4:1456082	SSF x LoA	-8,72460132	-0,003	0,314
CHR4	14560822	CHR4:14560822	SSF x LoA	-10,4720506	0,010	0,320
CHR4	1456151	CHR4:1456151	SSF x LoA	-7,05315459	0,115	0,301
CHR4	1456198	CHR4:1456198	SSF x LoA	-9,87360989	-0,130	0,295
CHR4	1456227	CHR4:1456227	SSF x LoA	-11,0648523	0,001	0,320
CHR4	14564749	CHR4:14564749	SSF x LoA	-9,05156295	-0,179	0,301
CHR4	14567086	CHR4:14567086	SSF x LoA	-10,7969973	-0,051	0,290
CHR4	14568697	CHR4:14568697	SSF x LoA	-9,91278326	0,086	0,302
CHR4	14570151	CHR4:14570151	SSF x LoA	-8,54131651	-0,053	0,322
CHR4	14573798	CHR4:14573798	SSF x LoA	-9,15860581	-0,003	0,307
CHR4	14573850	CHR4:14573850	SSF x LoA	-9,22989854	0,036	0,311
CHR4	14573907	CHR4:14573907	SSF x LoA	-10,0702899	0,045	0,302
CHR4	14573996	CHR4:14573996	SSF x LoA	-8,70914606	-0,136	0,303

CHR4	14577415	CHR4:14577415	SSF x LoA	-9,42283572	-0,082	0,302
CHR4	14577452	CHR4:14577452	SSF x LoA	-10,3591298	-0,044	0,301
CHR4	14577480	CHR4:14577480	SSF x LoA	-10,4093629	0,081	0,310
CHR4	14577638	CHR4:14577638	SSF x LoA	-9,79086414	0,041	0,308
CHR4	14587853	CHR4:14587853	SSF x LoA	-0,0544358	0,174	0,293
CHR4	14587896	CHR4:14587896	SSF x LoA	-10,0342625	0,113	0,299
CHR4	14587932	CHR4:14587932	SSF x LoA	-7,75103995	0,162	0,293
CHR4	14590195	CHR4:14590195	SSF x LoA	-3,45658436	-0,167	0,299
CHR4	14590240	CHR4:14590240	SSF x LoA	-7,97608032	-0,066	0,312
CHR4	14595221	CHR4:14595221	SSF x LoA	-7,91053009	0,038	0,309
CHR4	14595240	CHR4:14595240	SSF x LoA	-12,1846532	-0,004	0,309
CHR4	14597326	CHR4:14597326	SSF x LoA	-8,50487398	-0,069	0,304
CHR4	14597354	CHR4:14597354	SSF x LoA	-10,4485312	0,053	0,308
CHR4	14597370	CHR4:14597370	SSF x LoA	-0,7998214	-0,041	0,307
CHR4	14597385	CHR4:14597385	SSF x LoA	-10,5283587	0,056	0,315
CHR4	14597441	CHR4:14597441	SSF x LoA	-6,74110152	-0,145	0,312
CHR4	14598632	CHR4:14598632	SSF x LoA	-11,220702	-0,076	0,312
CHR4	1461015	CHR4:1461015	SSF x LoA	-9,9461216	-0,080	0,297
CHR4	1461099	CHR4:1461099	SSF x LoA	-9,83557526	-0,008	0,310
CHR4	1463570	CHR4:1463570	SSF x LoA	-11,5212132	-0,041	0,301
CHR4	1463622	CHR4:1463622	SSF x LoA	-8,7286769	0,013	0,307
CHR4	14636660	CHR4:14636660	SSF x LoA	-7,72003048	0,107	0,299
CHR4	14636714	CHR4:14636714	SSF x LoA	-9,99123718	0,049	0,300
CHR4	1463672	CHR4:1463672	SSF x LoA	-11,6426727	-0,064	0,298
CHR4	1463691	CHR4:1463691	SSF x LoA	-8,89234973	0,026	0,296
CHR4	14657969	CHR4:14657969	SSF x LoA	-5,57688663	0,179	0,286
CHR4	14658024	CHR4:14658024	SSF x LoA	-9,9878132	-0,089	0,299
CHR4	14658048	CHR4:14658048	SSF x LoA	-9,84235519	0,091	0,313
CHR4	14658145	CHR4:14658145	SSF x LoA	-10,2807134	0,017	0,309
CHR4	14658227	CHR4:14658227	SSF x LoA	-8,61716293	0,101	0,296
CHR4	14671392	CHR4:14671392	SSF x LoA	-9,15681497	-0,164	0,293
CHR4	1467794	CHR4:1467794	SSF x LoA	-8,52807632	-0,107	0,286
CHR4	14679185	CHR4:14679185	SSF x LoA	-8,94575816	-0,009	0,313
CHR4	14679221	CHR4:14679221	SSF x LoA	-10,15421	0,066	0,308
CHR4	1467970	CHR4:1467970	SSF x LoA	-9,16844378	-0,028	0,303
CHR4	14690439	CHR4:14690439	SSF x LoA	-7,73486317	-0,166	0,300
CHR4	14692564	CHR4:14692564	SSF x LoA	-10,0541187	0,006	0,293
CHR4	14699823	CHR4:14699823	SSF x LoA	-6,21847554	0,107	0,301
CHR4	14699898	CHR4:14699898	SSF x LoA	-10,2112849	0,048	0,308
CHR4	14705098	CHR4:14705098	SSF x LoA	-11,1411643	-0,013	0,324
CHR4	14707939	CHR4:14707939	SSF x LoA	-9,22576412	0,047	0,311
CHR4	14723392	CHR4:14723392	SSF x LoA	-7,1913955	0,135	0,306
CHR4	14729411	CHR4:14729411	SSF x LoA	-9,15607645	-0,004	0,305
CHR4	14729442	CHR4:14729442	SSF x LoA	-10,2560115	0,123	0,288
CHR4	14732860	CHR4:14732860	SSF x LoA	-11,4370335	-0,032	0,320
CHR4	14732865	CHR4:14732865	SSF x LoA	-8,38651292	-0,088	0,308
CHR4	14732902	CHR4:14732902	SSF x LoA	-9,09179747	-0,114	0,306
CHR4	14732940	CHR4:14732940	SSF x LoA	-9,97185228	-0,030	0,302
CHR4	14733621	CHR4:14733621	SSF x LoA	-10,3313185	-0,074	0,301
CHR4	14740399	CHR4:14740399	SSF x LoA	-10,3439241	0,133	0,304
CHR4	14740401	CHR4:14740401	SSF x LoA	-11,1981719	0,129	0,311
CHR4	14740422	CHR4:14740422	SSF x LoA	-10,5367132	-0,101	0,306
CHR4	14740438	CHR4:14740438	SSF x LoA	-8,13872977	-0,084	0,288

CHR4	14740487	CHR4:14740487	SSF x LoA	-3,8487829	0,268	0,284
CHR4	14740526	CHR4:14740526	SSF x LoA	-9,96082407	0,043	0,307
CHR4	14740530	CHR4:14740530	SSF x LoA	-5,38177531	0,261	0,286
CHR4	14740599	CHR4:14740599	SSF x LoA	-8,52269233	-0,172	0,296
CHR4	14740631	CHR4:14740631	SSF x LoA	-6,08573387	0,168	0,291
CHR4	14742345	CHR4:14742345	SSF x LoA	-6,87063964	0,097	0,309
CHR4	14742350	CHR4:14742350	SSF x LoA	-7,7628377	0,056	0,300
CHR4	14764101	CHR4:14764101	SSF x LoA	-9,07392138	0,007	0,301
CHR4	1476507	CHR4:1476507	SSF x LoA	-9,33772637	0,056	0,306
CHR4	1476520	CHR4:1476520	SSF x LoA	-9,87022015	0,056	0,318
CHR4	1476583	CHR4:1476583	SSF x LoA	-7,63287998	0,047	0,298
CHR4	14766162	CHR4:14766162	SSF x LoA	-8,48204511	-0,050	0,309
CHR4	14766163	CHR4:14766163	SSF x LoA	-9,00597117	-0,036	0,317
CHR4	1476624	CHR4:1476624	SSF x LoA	-11,6849644	0,028	0,309
CHR4	1476630	CHR4:1476630	SSF x LoA	-12,1195425	-0,009	0,292
CHR4	1476681	CHR4:1476681	SSF x LoA	-7,69015354	-0,114	0,309
CHR4	1476693	CHR4:1476693	SSF x LoA	-9,15110655	0,009	0,311
CHR4	1476707	CHR4:1476707	SSF x LoA	-9,595765	-0,016	0,313
CHR4	1476714	CHR4:1476714	SSF x LoA	-7,85834716	0,121	0,309
CHR4	14773431	CHR4:14773431	SSF x LoA	-5,32709097	0,079	0,317
CHR4	14775899	CHR4:14775899	SSF x LoA	-7,92867919	-0,095	0,311
CHR4	14780941	CHR4:14780941	SSF x LoA	-7,25455117	-0,120	0,299
CHR4	14798932	CHR4:14798932	SSF x LoA	-10,2856646	-0,042	0,305
CHR4	14798945	CHR4:14798945	SSF x LoA	-10,2064355	-0,063	0,311
CHR4	14799003	CHR4:14799003	SSF x LoA	-10,6065815	0,027	0,305
CHR4	14799007	CHR4:14799007	SSF x LoA	-7,91860596	0,006	0,313
CHR4	14808432	CHR4:14808432	SSF x LoA	-9,11958477	0,036	0,304
CHR4	14808466	CHR4:14808466	SSF x LoA	-9,20457984	-0,059	0,302
CHR4	14808537	CHR4:14808537	SSF x LoA	-6,60812476	0,070	0,318
CHR4	14810167	CHR4:14810167	SSF x LoA	-7,99903634	-0,058	0,308
CHR4	14810228	CHR4:14810228	SSF x LoA	-8,66081892	-0,039	0,313
CHR4	14813518	CHR4:14813518	SSF x LoA	-10,3725317	0,081	0,304
CHR4	14813557	CHR4:14813557	SSF x LoA	-10,3851069	0,109	0,309
CHR4	14813559	CHR4:14813559	SSF x LoA	-9,10210231	-0,063	0,317
CHR4	14813620	CHR4:14813620	SSF x LoA	-8,20681908	-0,026	0,296
CHR4	14814832	CHR4:14814832	SSF x LoA	-9,40980565	-0,078	0,314
CHR4	14814834	CHR4:14814834	SSF x LoA	-10,3744309	-0,018	0,307
CHR4	14827068	CHR4:14827068	SSF x LoA	-9,19196512	0,022	0,304
CHR4	14827154	CHR4:14827154	SSF x LoA	-7,99339778	-0,084	0,309
CHR4	14827202	CHR4:14827202	SSF x LoA	-12,2842343	0,066	0,293
CHR4	14834998	CHR4:14834998	SSF x LoA	-11,0860606	0,038	0,299
CHR4	14835015	CHR4:14835015	SSF x LoA	-8,48997711	0,106	0,296
CHR4	14835143	CHR4:14835143	SSF x LoA	-9,40145478	-0,001	0,300
CHR4	14840927	CHR4:14840927	SSF x LoA	-9,94614366	-0,050	0,306
CHR4	14841034	CHR4:14841034	SSF x LoA	-8,82440798	0,008	0,310
CHR4	14846356	CHR4:14846356	SSF x LoA	-12,1401497	-0,076	0,291
CHR4	14847009	CHR4:14847009	SSF x LoA	-10,5129279	0,008	0,313
CHR4	14847037	CHR4:14847037	SSF x LoA	-9,9945565	0,020	0,318
CHR4	14847056	CHR4:14847056	SSF x LoA	-9,27655932	-0,121	0,292
CHR4	14847057	CHR4:14847057	SSF x LoA	-8,43668402	-0,120	0,290
CHR4	14853722	CHR4:14853722	SSF x LoA	-9,87624456	-0,001	0,309
CHR4	14853756	CHR4:14853756	SSF x LoA	-10,3732854	-0,031	0,311
CHR4	14853887	CHR4:14853887	SSF x LoA	-8,04454798	0,044	0,304

CHR4	14853907	CHR4:14853907	SSF x LoA	-9,08529926	-0,131	0,305
CHR4	14853941	CHR4:14853941	SSF x LoA	-9,22325826	-0,019	0,310
CHR4	14860312	CHR4:14860312	SSF x LoA	-11,0411322	-0,059	0,292
CHR4	14860346	CHR4:14860346	SSF x LoA	-7,21784581	-0,052	0,304
CHR4	14860358	CHR4:14860358	SSF x LoA	-9,34806702	-0,005	0,303
CHR4	14860373	CHR4:14860373	SSF x LoA	-8,06350171	-0,120	0,297
CHR4	14860448	CHR4:14860448	SSF x LoA	-11,7123345	-0,076	0,305
CHR4	14860455	CHR4:14860455	SSF x LoA	-10,9831771	0,015	0,310
CHR4	14860541	CHR4:14860541	SSF x LoA	-8,73413322	-0,085	0,296
CHR4	14862728	CHR4:14862728	SSF x LoA	-8,99375039	0,017	0,311
CHR4	14862771	CHR4:14862771	SSF x LoA	-10,4726397	-0,026	0,320
CHR4	14862774	CHR4:14862774	SSF x LoA	-10,4812488	0,007	0,308
CHR4	14862775	CHR4:14862775	SSF x LoA	-8,62811865	0,113	0,309
CHR4	14865809	CHR4:14865809	SSF x LoA	-9,35694319	0,060	0,319
CHR4	14865927	CHR4:14865927	SSF x LoA	-8,6693463	0,028	0,306
CHR4	14865933	CHR4:14865933	SSF x LoA	-9,75116743	-0,090	0,311
CHR4	14865939	CHR4:14865939	SSF x LoA	-11,5363663	-0,106	0,295
CHR4	14866027	CHR4:14866027	SSF x LoA	-10,4124839	0,001	0,315
CHR4	14880898	CHR4:14880898	SSF x LoA	-9,26117974	0,042	0,290
CHR4	14881817	CHR4:14881817	SSF x LoA	-10,0790749	0,085	0,295
CHR4	14881819	CHR4:14881819	SSF x LoA	-10,5102533	0,068	0,298
CHR4	14881881	CHR4:14881881	SSF x LoA	-8,66313034	-0,040	0,304
CHR4	14881913	CHR4:14881913	SSF x LoA	-6,41134834	-0,065	0,311
CHR4	14886998	CHR4:14886998	SSF x LoA	-2,85664788	0,235	0,290
CHR4	14887012	CHR4:14887012	SSF x LoA	-8,73930465	-0,059	0,319
CHR4	14892084	CHR4:14892084	SSF x LoA	-8,66370492	0,181	0,308
CHR4	14899140	CHR4:14899140	SSF x LoA	-7,08453304	-0,072	0,303
CHR4	14900699	CHR4:14900699	SSF x LoA	-10,0113331	0,077	0,287
CHR4	14900747	CHR4:14900747	SSF x LoA	-9,89763287	0,002	0,306
CHR4	14900798	CHR4:14900798	SSF x LoA	-10,0042715	0,042	0,294
CHR4	14910107	CHR4:14910107	SSF x LoA	-4,91663478	0,165	0,296
CHR4	14916931	CHR4:14916931	SSF x LoA	-10,7830343	-0,086	0,316
CHR4	14918854	CHR4:14918854	SSF x LoA	-9,26788619	0,076	0,294
CHR4	14919042	CHR4:14919042	SSF x LoA	-4,87053542	-0,152	0,296
CHR4	14944422	CHR4:14944422	SSF x LoA	-8,43170782	-0,072	0,309
CHR4	14956528	CHR4:14956528	SSF x LoA	-8,88742375	-0,035	0,309
CHR4	14959287	CHR4:14959287	SSF x LoA	-10,1758216	0,065	0,317
CHR4	14959294	CHR4:14959294	SSF x LoA	-10,0325014	-0,033	0,306
CHR4	14959321	CHR4:14959321	SSF x LoA	-10,6526274	0,020	0,310
CHR4	14959323	CHR4:14959323	SSF x LoA	-10,7585583	-0,060	0,298
CHR4	14962084	CHR4:14962084	SSF x LoA	-9,31219408	0,029	0,305
CHR4	14962085	CHR4:14962085	SSF x LoA	-7,93435804	0,032	0,307
CHR4	14962098	CHR4:14962098	SSF x LoA	-8,81102891	0,000	0,321
CHR4	14962101	CHR4:14962101	SSF x LoA	-9,74877158	0,015	0,307
CHR4	14962130	CHR4:14962130	SSF x LoA	-9,57564798	0,039	0,303
CHR4	14962131	CHR4:14962131	SSF x LoA	-10,1824442	0,016	0,311
CHR4	14962217	CHR4:14962217	SSF x LoA	-7,46233275	0,074	0,304
CHR4	14965561	CHR4:14965561	SSF x LoA	-9,26982	0,065	0,308
CHR4	14966999	CHR4:14966999	SSF x LoA	-8,97079689	-0,042	0,306
CHR4	14967054	CHR4:14967054	SSF x LoA	-11,844278	0,040	0,306
CHR4	14967062	CHR4:14967062	SSF x LoA	-7,88119491	0,058	0,319
CHR4	14967139	CHR4:14967139	SSF x LoA	-8,45038566	-0,081	0,317
CHR4	14967144	CHR4:14967144	SSF x LoA	-8,91740671	-0,070	0,303

CHR4	14967169	CHR4:14967169	SSF x LoA	-9,64821764	-0,058	0,296
CHR4	14967185	CHR4:14967185	SSF x LoA	-5,82325426	0,062	0,319
CHR4	14967192	CHR4:14967192	SSF x LoA	-6,85210787	-0,146	0,293
CHR4	14967196	CHR4:14967196	SSF x LoA	-8,43797371	-0,100	0,296
CHR4	14967197	CHR4:14967197	SSF x LoA	-8,93909687	-0,127	0,289
CHR4	14967203	CHR4:14967203	SSF x LoA	-7,62090885	-0,148	0,299
CHR4	14967204	CHR4:14967204	SSF x LoA	-6,942517	-0,124	0,302
CHR4	14967229	CHR4:14967229	SSF x LoA	-4,86709693	-0,189	0,287
CHR4	14973812	CHR4:14973812	SSF x LoA	-7,09787189	-0,144	0,293
CHR4	14985774	CHR4:14985774	SSF x LoA	-7,28620859	-0,040	0,321
CHR4	14985810	CHR4:14985810	SSF x LoA	-9,18355982	-0,015	0,303
CHR4	14985812	CHR4:14985812	SSF x LoA	-6,80244313	-0,010	0,301
CHR4	14987590	CHR4:14987590	SSF x LoA	-5,3293891	-0,131	0,305
CHR4	15004984	CHR4:15004984	SSF x LoA	-9,9793904	0,037	0,307
CHR4	15005000	CHR4:15005000	SSF x LoA	-12,055775	-0,051	0,290
CHR4	15005046	CHR4:15005046	SSF x LoA	-11,0623623	-0,097	0,289
CHR4	15005059	CHR4:15005059	SSF x LoA	-8,9313782	-0,066	0,315
CHR4	15005111	CHR4:15005111	SSF x LoA	-8,79362641	0,107	0,318
CHR4	15005303	CHR4:15005303	SSF x LoA	-10,2450496	-0,071	0,308
CHR4	15012445	CHR4:15012445	SSF x LoA	-10,6529597	-0,002	0,308
CHR4	15012469	CHR4:15012469	SSF x LoA	-9,25141481	0,046	0,303
CHR4	15012471	CHR4:15012471	SSF x LoA	-9,52030726	-0,018	0,298
CHR4	15012478	CHR4:15012478	SSF x LoA	-7,5108338	-0,058	0,307
CHR4	15012481	CHR4:15012481	SSF x LoA	-8,82207461	0,042	0,299
CHR4	15012489	CHR4:15012489	SSF x LoA	-6,75941993	0,013	0,316
CHR4	15012503	CHR4:15012503	SSF x LoA	-9,15450413	0,037	0,314
CHR4	15012504	CHR4:15012504	SSF x LoA	-9,15679343	0,029	0,319
CHR4	15018285	CHR4:15018285	SSF x LoA	-10,3618272	0,066	0,294
CHR4	15018302	CHR4:15018302	SSF x LoA	-9,40572185	0,055	0,301
CHR4	15018415	CHR4:15018415	SSF x LoA	-8,2024525	-0,171	0,308
CHR4	15025570	CHR4:15025570	SSF x LoA	-5,60691911	0,188	0,301
CHR4	15025572	CHR4:15025572	SSF x LoA	-8,50535039	-0,122	0,304
CHR4	15025576	CHR4:15025576	SSF x LoA	-5,73658075	0,037	0,309
CHR4	15034725	CHR4:15034725	SSF x LoA	-7,5059551	0,013	0,309
CHR4	15034739	CHR4:15034739	SSF x LoA	-9,96016179	-0,003	0,294
CHR4	15034745	CHR4:15034745	SSF x LoA	-9,34216506	0,028	0,295
CHR4	15034754	CHR4:15034754	SSF x LoA	-7,35930335	0,074	0,311
CHR4	15034809	CHR4:15034809	SSF x LoA	-9,91283683	0,016	0,302
CHR4	15040831	CHR4:15040831	SSF x LoA	-8,33991809	0,085	0,297
CHR4	15040916	CHR4:15040916	SSF x LoA	-7,97907829	0,101	0,307
CHR4	15062989	CHR4:15062989	SSF x LoA	-11,7828175	0,036	0,307
CHR4	15062993	CHR4:15062993	SSF x LoA	-10,8116138	0,005	0,303
CHR4	15063038	CHR4:15063038	SSF x LoA	-9,38027854	-0,055	0,300
CHR4	15063057	CHR4:15063057	SSF x LoA	-7,77831398	-0,048	0,321
CHR4	15063157	CHR4:15063157	SSF x LoA	-9,04990368	0,118	0,314
CHR4	15063209	CHR4:15063209	SSF x LoA	-10,9392211	-0,032	0,312
CHR4	15063220	CHR4:15063220	SSF x LoA	-5,77548222	-0,027	0,306
CHR4	1507444	CHR4:1507444	SSF x LoA	-9,67695572	-0,013	0,313
CHR4	15079185	CHR4:15079185	SSF x LoA	-5,08182174	-0,164	0,309
CHR4	15079342	CHR4:15079342	SSF x LoA	-9,01289512	-0,027	0,314
CHR4	15091990	CHR4:15091990	SSF x LoA	-7,88260264	0,134	0,312
CHR4	15091991	CHR4:15091991	SSF x LoA	-9,50947752	0,107	0,306
CHR4	15092077	CHR4:15092077	SSF x LoA	-9,95723248	0,108	0,299

CHR4	15097024	CHR4:15097024	SSF x LoA	-8,56764804	-0,042	0,313
CHR4	15103816	CHR4:15103816	SSF x LoA	-8,67289624	-0,018	0,291
CHR4	15103860	CHR4:15103860	SSF x LoA	-9,19029435	0,077	0,311
CHR4	15127777	CHR4:15127777	SSF x LoA	-10,1740583	0,050	0,290
CHR4	15127808	CHR4:15127808	SSF x LoA	-9,68819627	0,092	0,297
CHR4	15143812	CHR4:15143812	SSF x LoA	-7,83143573	0,055	0,302
CHR4	15143850	CHR4:15143850	SSF x LoA	-8,90318196	-0,007	0,316
CHR4	15143859	CHR4:15143859	SSF x LoA	-10,5218894	-0,071	0,290
CHR4	15143889	CHR4:15143889	SSF x LoA	-8,09628089	0,013	0,298
CHR4	15143942	CHR4:15143942	SSF x LoA	-8,12908445	0,095	0,311
CHR4	15146152	CHR4:15146152	SSF x LoA	-7,06856758	-0,090	0,312
CHR4	15148521	CHR4:15148521	SSF x LoA	-1,22927005	-0,119	0,303
CHR4	15148558	CHR4:15148558	SSF x LoA	-1,88317299	0,102	0,305
CHR4	15148606	CHR4:15148606	SSF x LoA	-11,8969683	0,030	0,302
CHR4	15148705	CHR4:15148705	SSF x LoA	-10,0707417	-0,005	0,293
CHR4	15154261	CHR4:15154261	SSF x LoA	-10,8947444	0,035	0,294
CHR4	15154314	CHR4:15154314	SSF x LoA	-8,70749058	-0,115	0,303
CHR4	15154388	CHR4:15154388	SSF x LoA	-9,70813169	0,085	0,315
CHR4	15154455	CHR4:15154455	SSF x LoA	-10,1732643	0,025	0,303
CHR4	15171280	CHR4:15171280	SSF x LoA	-6,52252236	-0,025	0,308
CHR4	15171306	CHR4:15171306	SSF x LoA	-9,1351542	-0,089	0,301
CHR4	15190246	CHR4:15190246	SSF x LoA	-10,4373283	0,035	0,308
CHR4	15191490	CHR4:15191490	SSF x LoA	-10,1567204	-0,014	0,311
CHR4	15191520	CHR4:15191520	SSF x LoA	-7,11798726	-0,146	0,316
CHR4	15191546	CHR4:15191546	SSF x LoA	-4,19123347	-0,184	0,303
CHR4	15208892	CHR4:15208892	SSF x LoA	-8,95674819	-0,086	0,312
CHR4	15208924	CHR4:15208924	SSF x LoA	-9,09855185	0,027	0,309
CHR4	15209014	CHR4:15209014	SSF x LoA	-10,8966987	-0,001	0,310
CHR4	15219055	CHR4:15219055	SSF x LoA	-9,79016149	0,032	0,300
CHR4	15219073	CHR4:15219073	SSF x LoA	-8,50206871	0,057	0,320
CHR4	15219106	CHR4:15219106	SSF x LoA	-7,23500118	-0,039	0,319
CHR4	15219137	CHR4:15219137	SSF x LoA	-7,99334542	-0,056	0,318
CHR4	15219237	CHR4:15219237	SSF x LoA	-9,88224729	-0,019	0,320
CHR4	15219262	CHR4:15219262	SSF x LoA	-6,75382362	0,119	0,313
CHR4	15219268	CHR4:15219268	SSF x LoA	-7,93147226	0,069	0,307
CHR4	15219296	CHR4:15219296	SSF x LoA	-10,1554337	0,079	0,303
CHR4	15225960	CHR4:15225960	SSF x LoA	-10,0281959	0,035	0,302
CHR4	15233113	CHR4:15233113	SSF x LoA	-8,68474747	-0,173	0,297
CHR4	15233146	CHR4:15233146	SSF x LoA	-8,03829701	0,046	0,325
CHR4	15237035	CHR4:15237035	SSF x LoA	-6,31283701	0,087	0,313
CHR4	15261248	CHR4:15261248	SSF x LoA	-0,71609803	0,190	0,293
CHR4	15261303	CHR4:15261303	SSF x LoA	-8,77323482	0,038	0,305
CHR4	15263029	CHR4:15263029	SSF x LoA	-10,0715318	-0,079	0,313
CHR4	15282399	CHR4:15282399	SSF x LoA	-8,07851142	0,141	0,304
CHR4	15283827	CHR4:15283827	SSF x LoA	-10,4364374	-0,010	0,309
CHR4	153037	CHR4:153037	SSF x LoA	-11,5406908	0,056	0,300
CHR4	15303768	CHR4:15303768	SSF x LoA	-10,0746677	-0,122	0,297
CHR4	15304005	CHR4:15304005	SSF x LoA	-10,4775856	-0,047	0,315
CHR4	15307322	CHR4:15307322	SSF x LoA	-9,1088685	-0,075	0,310
CHR4	15307390	CHR4:15307390	SSF x LoA	-8,50024556	0,107	0,307
CHR4	15308283	CHR4:15308283	SSF x LoA	-6,60810177	0,060	0,308
CHR4	15308381	CHR4:15308381	SSF x LoA	-9,01109493	0,069	0,306
CHR4	15308394	CHR4:15308394	SSF x LoA	-8,8362755	0,129	0,316

CHR4	15308432	CHR4:15308432	SSF x LoA	-8,38079793	0,045	0,314
CHR4	15308481	CHR4:15308481	SSF x LoA	-9,6990349	-0,038	0,311
CHR4	15313306	CHR4:15313306	SSF x LoA	-11,3202859	-0,037	0,300
CHR4	15313322	CHR4:15313322	SSF x LoA	-11,827968	-0,003	0,304
CHR4	15313390	CHR4:15313390	SSF x LoA	-9,53624454	-0,021	0,312
CHR4	15313391	CHR4:15313391	SSF x LoA	-9,29556458	-0,029	0,309
CHR4	15313430	CHR4:15313430	SSF x LoA	-10,6397082	-0,026	0,314
CHR4	15316257	CHR4:15316257	SSF x LoA	-11,3377763	-0,011	0,317
CHR4	15316364	CHR4:15316364	SSF x LoA	-7,31825243	-0,036	0,311
CHR4	15321515	CHR4:15321515	SSF x LoA	-10,2778496	-0,103	0,309
CHR4	15327982	CHR4:15327982	SSF x LoA	-9,40516517	-0,029	0,317
CHR4	15334886	CHR4:15334886	SSF x LoA	-8,3278464	-0,102	0,308
CHR4	15346350	CHR4:15346350	SSF x LoA	-8,85951068	0,037	0,309
CHR4	15373269	CHR4:15373269	SSF x LoA	-8,8175813	-0,053	0,322
CHR4	15373356	CHR4:15373356	SSF x LoA	-10,6921008	0,024	0,318
CHR4	15373364	CHR4:15373364	SSF x LoA	-7,25564658	-0,087	0,304
CHR4	15373384	CHR4:15373384	SSF x LoA	-9,94411261	-0,053	0,304
CHR4	15373385	CHR4:15373385	SSF x LoA	-9,81138335	-0,080	0,317
CHR4	15393840	CHR4:15393840	SSF x LoA	-11,3152039	0,078	0,311
CHR4	15393912	CHR4:15393912	SSF x LoA	-10,6770769	-0,076	0,299
CHR4	15404989	CHR4:15404989	SSF x LoA	-11,3841278	-0,021	0,314
CHR4	15416323	CHR4:15416323	SSF x LoA	-11,0001538	0,041	0,308
CHR4	15417981	CHR4:15417981	SSF x LoA	-7,50627915	-0,137	0,300
CHR4	15446043	CHR4:15446043	SSF x LoA	-11,0147366	0,035	0,304
CHR4	15449581	CHR4:15449581	SSF x LoA	-11,0774117	0,003	0,304
CHR4	15455514	CHR4:15455514	SSF x LoA	-9,45363463	-0,060	0,296
CHR4	15455575	CHR4:15455575	SSF x LoA	-9,80601625	0,088	0,303
CHR4	15455577	CHR4:15455577	SSF x LoA	-8,9005332	-0,052	0,324
CHR4	15455630	CHR4:15455630	SSF x LoA	-10,0055765	0,030	0,317
CHR4	15461219	CHR4:15461219	SSF x LoA	-8,77876426	-0,063	0,299
CHR4	15461366	CHR4:15461366	SSF x LoA	-10,4770305	0,044	0,320
CHR4	15467607	CHR4:15467607	SSF x LoA	-8,76575727	0,068	0,308
CHR4	1546976	CHR4:1546976	SSF x LoA	-7,9518136	-0,097	0,294
CHR4	1547012	CHR4:1547012	SSF x LoA	-10,0070115	-0,079	0,309
CHR4	1547021	CHR4:1547021	SSF x LoA	-9,18936571	-0,013	0,304
CHR4	15472451	CHR4:15472451	SSF x LoA	-9,75879337	0,006	0,320
CHR4	15472563	CHR4:15472563	SSF x LoA	-9,52051866	-0,022	0,316
CHR4	15472571	CHR4:15472571	SSF x LoA	-10,1553291	-0,017	0,300
CHR4	15472634	CHR4:15472634	SSF x LoA	-9,32293608	0,101	0,304
CHR4	15476530	CHR4:15476530	SSF x LoA	-8,06168641	0,075	0,282
CHR4	15476591	CHR4:15476591	SSF x LoA	-8,0627732	0,013	0,304
CHR4	15489906	CHR4:15489906	SSF x LoA	-5,14069169	-0,077	0,312
CHR4	15497422	CHR4:15497422	SSF x LoA	-8,35751862	0,046	0,308
CHR4	15497442	CHR4:15497442	SSF x LoA	-8,78234349	-0,007	0,314
CHR4	15497492	CHR4:15497492	SSF x LoA	-11,0043986	-0,044	0,302
CHR4	15500065	CHR4:15500065	SSF x LoA	-9,6455943	-0,084	0,312
CHR4	15503653	CHR4:15503653	SSF x LoA	-9,87774401	-0,022	0,314
CHR4	15506194	CHR4:15506194	SSF x LoA	-8,48672713	0,024	0,294
CHR4	15506300	CHR4:15506300	SSF x LoA	-5,63084236	-0,027	0,304
CHR4	15511236	CHR4:15511236	SSF x LoA	-10,5719749	0,011	0,305
CHR4	15518594	CHR4:15518594	SSF x LoA	-8,8449	0,092	0,319
CHR4	15518650	CHR4:15518650	SSF x LoA	-8,95416974	0,058	0,321
CHR4	15518684	CHR4:15518684	SSF x LoA	-8,33123539	0,113	0,319

CHR4	15518695	CHR4:15518695	SSF x LoA	-9,24567448	0,006	0,303
CHR4	15518724	CHR4:15518724	SSF x LoA	-7,27945139	0,152	0,300
CHR4	15521638	CHR4:15521638	SSF x LoA	-8,77802768	-0,068	0,293
CHR4	15521657	CHR4:15521657	SSF x LoA	-7,58524985	-0,077	0,313
CHR4	15521684	CHR4:15521684	SSF x LoA	-9,66064649	0,054	0,309
CHR4	15521721	CHR4:15521721	SSF x LoA	-7,79154541	0,076	0,307
CHR4	15529129	CHR4:15529129	SSF x LoA	-9,42856643	-0,124	0,308
CHR4	15529143	CHR4:15529143	SSF x LoA	-10,5800692	-0,069	0,293
CHR4	15529159	CHR4:15529159	SSF x LoA	-10,0552218	0,016	0,308
CHR4	15529233	CHR4:15529233	SSF x LoA	-2,88082818	-0,146	0,319
CHR4	15529271	CHR4:15529271	SSF x LoA	-12,2346107	0,030	0,306
CHR4	15529304	CHR4:15529304	SSF x LoA	-10,3241594	-0,077	0,310
CHR4	15529328	CHR4:15529328	SSF x LoA	-9,94644394	-0,100	0,289
CHR4	15540571	CHR4:15540571	SSF x LoA	-9,40340962	0,005	0,322
CHR4	15540600	CHR4:15540600	SSF x LoA	-8,88436629	0,009	0,312
CHR4	15542262	CHR4:15542262	SSF x LoA	-8,92383618	0,056	0,317
CHR4	15542386	CHR4:15542386	SSF x LoA	-9,52301091	0,128	0,302
CHR4	15542512	CHR4:15542512	SSF x LoA	-8,70830935	-0,163	0,307
CHR4	15544052	CHR4:15544052	SSF x LoA	-8,92241843	-0,029	0,285
CHR4	15544073	CHR4:15544073	SSF x LoA	-4,84977574	0,018	0,306
CHR4	15544076	CHR4:15544076	SSF x LoA	-11,2378835	0,016	0,302
CHR4	15544101	CHR4:15544101	SSF x LoA	-9,30535814	0,051	0,299
CHR4	15544179	CHR4:15544179	SSF x LoA	-9,26833353	0,096	0,316
CHR4	15544264	CHR4:15544264	SSF x LoA	-7,507505	0,010	0,308
CHR4	15544265	CHR4:15544265	SSF x LoA	-9,03240746	0,030	0,287
CHR4	15544279	CHR4:15544279	SSF x LoA	-6,584164	0,068	0,309
CHR4	15544290	CHR4:15544290	SSF x LoA	-7,80269855	0,025	0,300
CHR4	15563118	CHR4:15563118	SSF x LoA	-8,23350125	-0,026	0,303
CHR4	15563151	CHR4:15563151	SSF x LoA	-8,45666101	0,037	0,308
CHR4	15564429	CHR4:15564429	SSF x LoA	-7,14153217	-0,110	0,323
CHR4	15564439	CHR4:15564439	SSF x LoA	-8,9301842	0,083	0,311
CHR4	15564514	CHR4:15564514	SSF x LoA	-9,39074366	0,028	0,300
CHR4	15564518	CHR4:15564518	SSF x LoA	-8,1435708	0,114	0,315
CHR4	15575534	CHR4:15575534	SSF x LoA	-9,06711152	-0,046	0,299
CHR4	15575703	CHR4:15575703	SSF x LoA	-9,31416162	-0,030	0,292
CHR4	15575768	CHR4:15575768	SSF x LoA	-10,3898206	0,020	0,311
CHR4	15586236	CHR4:15586236	SSF x LoA	-8,06871462	-0,114	0,297
CHR4	15586238	CHR4:15586238	SSF x LoA	-3,80836271	-0,123	0,305
CHR4	15586258	CHR4:15586258	SSF x LoA	-10,2013855	-0,059	0,312
CHR4	15586302	CHR4:15586302	SSF x LoA	-8,75671169	-0,010	0,304
CHR4	1559016	CHR4:1559016	SSF x LoA	-11,0957333	-0,068	0,305
CHR4	15591144	CHR4:15591144	SSF x LoA	-2,48142716	0,045	0,313
CHR4	15591192	CHR4:15591192	SSF x LoA	-10,7302396	0,055	0,306
CHR4	15591194	CHR4:15591194	SSF x LoA	-11,5384976	0,012	0,299
CHR4	15603016	CHR4:15603016	SSF x LoA	-12,539029	-0,007	0,309
CHR4	15603268	CHR4:15603268	SSF x LoA	-6,46195404	-0,072	0,309
CHR4	15606071	CHR4:15606071	SSF x LoA	-11,380174	0,023	0,309
CHR4	15606183	CHR4:15606183	SSF x LoA	-9,22461418	0,026	0,298
CHR4	15609791	CHR4:15609791	SSF x LoA	-8,35560814	0,091	0,300
CHR4	15609876	CHR4:15609876	SSF x LoA	-9,97123014	-0,001	0,308
CHR4	1561021	CHR4:1561021	SSF x LoA	-9,35564578	0,099	0,290
CHR4	1561033	CHR4:1561033	SSF x LoA	-8,2625347	-0,079	0,306
CHR4	1561074	CHR4:1561074	SSF x LoA	-8,4696311	0,064	0,309

CHR4	1561080	CHR4:1561080	SSF x LoA	-10,7056828	0,093	0,300
CHR4	15622196	CHR4:15622196	SSF x LoA	-7,32390887	0,011	0,305
CHR4	15622274	CHR4:15622274	SSF x LoA	-10,1127661	0,131	0,304
CHR4	15639231	CHR4:15639231	SSF x LoA	-5,81315684	-0,032	0,309
CHR4	15639381	CHR4:15639381	SSF x LoA	-9,25500082	-0,076	0,312
CHR4	15639473	CHR4:15639473	SSF x LoA	-8,76112156	0,036	0,327
CHR4	1564057	CHR4:1564057	SSF x LoA	-10,9937299	-0,002	0,321
CHR4	1564059	CHR4:1564059	SSF x LoA	-8,14812142	-0,172	0,293
CHR4	1564065	CHR4:1564065	SSF x LoA	-10,4562876	-0,131	0,301
CHR4	1564091	CHR4:1564091	SSF x LoA	-7,68525938	-0,094	0,314
CHR4	1564146	CHR4:1564146	SSF x LoA	-6,01696725	-0,165	0,300
CHR4	1564160	CHR4:1564160	SSF x LoA	4,14237989	-0,158	0,296
CHR4	1564223	CHR4:1564223	SSF x LoA	-7,49530653	0,160	0,294
CHR4	1564249	CHR4:1564249	SSF x LoA	-7,28987348	0,135	0,293
CHR4	15649217	CHR4:15649217	SSF x LoA	-9,16729108	-0,005	0,308
CHR4	1567200	CHR4:1567200	SSF x LoA	-7,85927367	-0,054	0,318
CHR4	1567241	CHR4:1567241	SSF x LoA	-9,69898	0,023	0,323
CHR4	15677765	CHR4:15677765	SSF x LoA	-7,42650177	0,060	0,311
CHR4	15677773	CHR4:15677773	SSF x LoA	-10,6289218	0,007	0,316
CHR4	15677818	CHR4:15677818	SSF x LoA	-11,3384981	0,030	0,311
CHR4	15677828	CHR4:15677828	SSF x LoA	-8,23882047	0,068	0,313
CHR4	15679030	CHR4:15679030	SSF x LoA	-8,10366938	-0,090	0,305
CHR4	15679035	CHR4:15679035	SSF x LoA	-11,6063071	-0,003	0,305
CHR4	15679080	CHR4:15679080	SSF x LoA	-4,36539848	-0,087	0,300
CHR4	15680636	CHR4:15680636	SSF x LoA	-9,89178475	-0,106	0,309
CHR4	15680745	CHR4:15680745	SSF x LoA	-9,21857206	-0,018	0,305
CHR4	15682490	CHR4:15682490	SSF x LoA	-9,91345302	0,074	0,315
CHR4	15689054	CHR4:15689054	SSF x LoA	-10,0760518	-0,062	0,296
CHR4	15689070	CHR4:15689070	SSF x LoA	-10,3361745	0,038	0,300
CHR4	15689090	CHR4:15689090	SSF x LoA	-10,5814411	0,038	0,312
CHR4	1569125	CHR4:1569125	SSF x LoA	-8,19273364	0,093	0,306
CHR4	1569127	CHR4:1569127	SSF x LoA	-7,58987842	0,073	0,304
CHR4	15702816	CHR4:15702816	SSF x LoA	-8,92197697	-0,099	0,300
CHR4	15702883	CHR4:15702883	SSF x LoA	-7,13412566	-0,044	0,313
CHR4	15702905	CHR4:15702905	SSF x LoA	-10,0859108	-0,119	0,300
CHR4	15702922	CHR4:15702922	SSF x LoA	-10,3673918	-0,115	0,310
CHR4	15702962	CHR4:15702962	SSF x LoA	-11,6194127	0,004	0,303
CHR4	15703076	CHR4:15703076	SSF x LoA	-10,5747177	-0,125	0,291
CHR4	15703081	CHR4:15703081	SSF x LoA	-11,3088099	-0,116	0,292
CHR4	15714082	CHR4:15714082	SSF x LoA	-9,57595724	-0,108	0,299
CHR4	15716585	CHR4:15716585	SSF x LoA	-10,6134506	0,039	0,300
CHR4	15716698	CHR4:15716698	SSF x LoA	1,41854747	0,204	0,300
CHR4	15716714	CHR4:15716714	SSF x LoA	-9,11014046	0,171	0,296
CHR4	15716824	CHR4:15716824	SSF x LoA	-8,69076013	0,065	0,305
CHR4	15723235	CHR4:15723235	SSF x LoA	-9,73038839	0,077	0,313
CHR4	15724548	CHR4:15724548	SSF x LoA	-7,04266973	-0,092	0,308
CHR4	15724676	CHR4:15724676	SSF x LoA	-7,74916565	-0,085	0,310
CHR4	15724738	CHR4:15724738	SSF x LoA	-10,9091374	-0,064	0,305
CHR4	15730663	CHR4:15730663	SSF x LoA	-11,0782217	-0,033	0,313
CHR4	15732074	CHR4:15732074	SSF x LoA	-7,055965	0,046	0,313
CHR4	15741359	CHR4:15741359	SSF x LoA	-10,3710151	0,123	0,304
CHR4	15752837	CHR4:15752837	SSF x LoA	-5,24033605	-0,024	0,315
CHR4	15764899	CHR4:15764899	SSF x LoA	-8,65584561	0,007	0,311

CHR4	15764904	CHR4:15764904	SSF x LoA	-9,60894524	0,028	0,301
CHR4	15764912	CHR4:15764912	SSF x LoA	-8,67008629	0,002	0,308
CHR4	15764951	CHR4:15764951	SSF x LoA	-8,48851963	0,069	0,312
CHR4	15767067	CHR4:15767067	SSF x LoA	-7,65409363	0,097	0,304
CHR4	15772651	CHR4:15772651	SSF x LoA	-9,79807539	0,023	0,318
CHR4	15772656	CHR4:15772656	SSF x LoA	-11,1697214	0,058	0,293
CHR4	15772678	CHR4:15772678	SSF x LoA	-9,79406586	-0,124	0,298
CHR4	15774446	CHR4:15774446	SSF x LoA	-7,89249352	0,077	0,308
CHR4	15774539	CHR4:15774539	SSF x LoA	-9,23365481	-0,064	0,289
CHR4	15786659	CHR4:15786659	SSF x LoA	-9,96824503	-0,114	0,313
CHR4	15786664	CHR4:15786664	SSF x LoA	-8,2709361	0,108	0,301
CHR4	15789567	CHR4:15789567	SSF x LoA	-10,0188212	0,101	0,311
CHR4	15789665	CHR4:15789665	SSF x LoA	-9,33397448	0,049	0,306
CHR4	15789674	CHR4:15789674	SSF x LoA	-7,45958003	0,020	0,324
CHR4	15789696	CHR4:15789696	SSF x LoA	-8,5474894	-0,083	0,310
CHR4	15789719	CHR4:15789719	SSF x LoA	-9,9428317	0,037	0,312
CHR4	15789727	CHR4:15789727	SSF x LoA	-9,43094428	-0,140	0,306
CHR4	15789759	CHR4:15789759	SSF x LoA	-10,4533641	-0,003	0,296
CHR4	15789782	CHR4:15789782	SSF x LoA	-8,88486245	-0,024	0,317
CHR4	15793114	CHR4:15793114	SSF x LoA	-3,82575774	-0,185	0,291
CHR4	15793121	CHR4:15793121	SSF x LoA	-10,6071855	0,063	0,310
CHR4	15793207	CHR4:15793207	SSF x LoA	-8,99474913	0,101	0,305
CHR4	15793224	CHR4:15793224	SSF x LoA	-10,3764097	-0,061	0,312
CHR4	15793242	CHR4:15793242	SSF x LoA	-8,90551311	-0,044	0,314
CHR4	15793270	CHR4:15793270	SSF x LoA	-9,55726823	0,079	0,307
CHR4	15800168	CHR4:15800168	SSF x LoA	-10,1986824	0,100	0,313
CHR4	15800253	CHR4:15800253	SSF x LoA	-9,1331438	0,055	0,297
CHR4	15810846	CHR4:15810846	SSF x LoA	-7,79318926	0,043	0,310
CHR4	15811117	CHR4:15811117	SSF x LoA	-10,313405	-0,050	0,299
CHR4	1581399	CHR4:1581399	SSF x LoA	-12,1768833	0,034	0,307
CHR4	1581457	CHR4:1581457	SSF x LoA	-7,95035212	-0,083	0,325
CHR4	15826854	CHR4:15826854	SSF x LoA	-10,4629801	0,057	0,301
CHR4	15831243	CHR4:15831243	SSF x LoA	-10,0960092	0,088	0,315
CHR4	15831258	CHR4:15831258	SSF x LoA	-10,6384047	-0,087	0,305
CHR4	15831279	CHR4:15831279	SSF x LoA	-6,48824693	0,030	0,297
CHR4	15831292	CHR4:15831292	SSF x LoA	-10,5470347	0,026	0,323
CHR4	15831302	CHR4:15831302	SSF x LoA	-9,92642017	0,016	0,300
CHR4	15841853	CHR4:15841853	SSF x LoA	-8,72605644	0,032	0,289
CHR4	15841862	CHR4:15841862	SSF x LoA	-5,67573439	0,151	0,298
CHR4	15841903	CHR4:15841903	SSF x LoA	-10,7286012	0,017	0,301
CHR4	15841908	CHR4:15841908	SSF x LoA	-6,54048742	0,025	0,309
CHR4	15841931	CHR4:15841931	SSF x LoA	-6,53290226	0,086	0,304
CHR4	15842004	CHR4:15842004	SSF x LoA	-9,74288281	0,089	0,297
CHR4	15850459	CHR4:15850459	SSF x LoA	-10,7146883	-0,060	0,320
CHR4	15876719	CHR4:15876719	SSF x LoA	-9,24865011	-0,047	0,305
CHR4	15876781	CHR4:15876781	SSF x LoA	-8,20585915	0,031	0,309
CHR4	15877177	CHR4:15877177	SSF x LoA	-12,0324047	-0,078	0,299
CHR4	15886797	CHR4:15886797	SSF x LoA	-7,78476214	-0,120	0,326
CHR4	15886828	CHR4:15886828	SSF x LoA	-6,70864132	0,135	0,294
CHR4	15886831	CHR4:15886831	SSF x LoA	-7,73909648	0,120	0,300
CHR4	15886835	CHR4:15886835	SSF x LoA	-6,96965635	0,155	0,303
CHR4	15886854	CHR4:15886854	SSF x LoA	-6,33907587	0,156	0,296
CHR4	15886868	CHR4:15886868	SSF x LoA	-9,58576396	0,067	0,310

CHR4	15888259	CHR4:15888259	SSF x LoA	-7,33536238	-0,129	0,296
CHR4	15888281	CHR4:15888281	SSF x LoA	-11,5719393	0,058	0,305
CHR4	1589283	CHR4:1589283	SSF x LoA	-10,970385	0,008	0,303
CHR4	1589308	CHR4:1589308	SSF x LoA	-7,84821606	-0,103	0,306
CHR4	1589351	CHR4:1589351	SSF x LoA	-10,1022747	0,010	0,306
CHR4	1590677	CHR4:1590677	SSF x LoA	-9,51520508	-0,014	0,299
CHR4	1590717	CHR4:1590717	SSF x LoA	-11,5787371	-0,012	0,298
CHR4	1590752	CHR4:1590752	SSF x LoA	-8,83602378	-0,105	0,309
CHR4	1590780	CHR4:1590780	SSF x LoA	-6,12500818	-0,014	0,297
CHR4	1590809	CHR4:1590809	SSF x LoA	-5,72125963	0,058	0,295
CHR4	15911330	CHR4:15911330	SSF x LoA	-10,4144674	-0,077	0,293
CHR4	15924265	CHR4:15924265	SSF x LoA	-10,2066757	-0,027	0,309
CHR4	15924272	CHR4:15924272	SSF x LoA	-10,6796685	0,022	0,313
CHR4	15937360	CHR4:15937360	SSF x LoA	-7,65961779	0,139	0,300
CHR4	15937384	CHR4:15937384	SSF x LoA	-8,31136281	0,099	0,303
CHR4	15937844	CHR4:15937844	SSF x LoA	-11,0010386	-0,102	0,299
CHR4	15979144	CHR4:15979144	SSF x LoA	-7,18510794	0,141	0,304
CHR4	15979169	CHR4:15979169	SSF x LoA	-10,4882238	-0,056	0,307
CHR4	15979180	CHR4:15979180	SSF x LoA	-10,7928122	-0,093	0,296
CHR4	15994897	CHR4:15994897	SSF x LoA	-9,46318253	0,069	0,301
CHR4	16002195	CHR4:16002195	SSF x LoA	-10,1808967	-0,095	0,305
CHR4	16002196	CHR4:16002196	SSF x LoA	-7,96491787	-0,087	0,308
CHR4	16002362	CHR4:16002362	SSF x LoA	-10,5486967	0,089	0,298
CHR4	1600441	CHR4:1600441	SSF x LoA	-6,2836137	-0,126	0,309
CHR4	1600474	CHR4:1600474	SSF x LoA	-9,20502898	0,144	0,300
CHR4	1600512	CHR4:1600512	SSF x LoA	-11,0549656	-0,009	0,307
CHR4	1600530	CHR4:1600530	SSF x LoA	-9,55340528	-0,133	0,317
CHR4	1600581	CHR4:1600581	SSF x LoA	-9,98957308	-0,083	0,302
CHR4	1600700	CHR4:1600700	SSF x LoA	-5,12197428	0,067	0,314
CHR4	1600719	CHR4:1600719	SSF x LoA	-9,7048614	0,129	0,301
CHR4	1600748	CHR4:1600748	SSF x LoA	-4,44011483	-0,220	0,299
CHR4	16014302	CHR4:16014302	SSF x LoA	-10,3854825	0,042	0,295
CHR4	16015407	CHR4:16015407	SSF x LoA	-5,05898478	0,092	0,318
CHR4	16018847	CHR4:16018847	SSF x LoA	-9,34463229	-0,045	0,307
CHR4	1602023	CHR4:1602023	SSF x LoA	-10,8739587	-0,038	0,309
CHR4	1602037	CHR4:1602037	SSF x LoA	-9,63723725	-0,009	0,318
CHR4	1602072	CHR4:1602072	SSF x LoA	-11,2379328	-0,088	0,300
CHR4	16020800	CHR4:16020800	SSF x LoA	-7,88870864	0,112	0,312
CHR4	16020823	CHR4:16020823	SSF x LoA	-5,5809808	-0,015	0,307
CHR4	16020969	CHR4:16020969	SSF x LoA	-9,50436261	-0,050	0,304
CHR4	16020975	CHR4:16020975	SSF x LoA	-8,50424016	0,145	0,283
CHR4	1602108	CHR4:1602108	SSF x LoA	-11,0245618	-0,033	0,314
CHR4	1602207	CHR4:1602207	SSF x LoA	-4,31128793	0,187	0,301
CHR4	16022603	CHR4:16022603	SSF x LoA	-9,5310307	-0,014	0,316
CHR4	16022770	CHR4:16022770	SSF x LoA	-9,32404682	0,034	0,309
CHR4	16026485	CHR4:16026485	SSF x LoA	-9,28131346	0,014	0,301
CHR4	16026508	CHR4:16026508	SSF x LoA	-8,77952154	0,010	0,321
CHR4	16027398	CHR4:16027398	SSF x LoA	-10,9478716	0,039	0,303
CHR4	16027441	CHR4:16027441	SSF x LoA	-8,68579979	0,105	0,313
CHR4	16027447	CHR4:16027447	SSF x LoA	-6,60209204	0,106	0,297
CHR4	16027455	CHR4:16027455	SSF x LoA	-8,73220422	-0,023	0,316
CHR4	16031157	CHR4:16031157	SSF x LoA	-9,02578285	0,046	0,293
CHR4	16042948	CHR4:16042948	SSF x LoA	8,37384197	-0,145	0,311

CHR4	1605513	CHR4:1605513	SSF x LoA	-9,16582487	0,031	0,311
CHR4	1605516	CHR4:1605516	SSF x LoA	-10,1793321	0,048	0,311
CHR4	16056239	CHR4:16056239	SSF x LoA	-12,095308	-0,055	0,299
CHR4	1605678	CHR4:1605678	SSF x LoA	-10,6544323	-0,104	0,311
CHR4	16067835	CHR4:16067835	SSF x LoA	-9,97338986	0,008	0,316
CHR4	16067868	CHR4:16067868	SSF x LoA	-9,74493134	0,003	0,313
CHR4	16067908	CHR4:16067908	SSF x LoA	-9,64036226	0,003	0,304
CHR4	1608282	CHR4:1608282	SSF x LoA	-6,8949179	-0,094	0,310
CHR4	16085560	CHR4:16085560	SSF x LoA	-9,34769366	0,046	0,311
CHR4	16095101	CHR4:16095101	SSF x LoA	-5,63794953	0,131	0,301
CHR4	16095161	CHR4:16095161	SSF x LoA	-5,9772625	-0,063	0,291
CHR4	16095196	CHR4:16095196	SSF x LoA	-2,34607796	-0,129	0,290
CHR4	16095248	CHR4:16095248	SSF x LoA	-9,69222001	0,111	0,298
CHR4	16099978	CHR4:16099978	SSF x LoA	-9,60311285	-0,001	0,290
CHR4	16103475	CHR4:16103475	SSF x LoA	-9,76556411	-0,017	0,305
CHR4	16103529	CHR4:16103529	SSF x LoA	-10,9995226	-0,015	0,298
CHR4	1610933	CHR4:1610933	SSF x LoA	-5,93456552	-0,169	0,300
CHR4	1610953	CHR4:1610953	SSF x LoA	-5,58597708	-0,217	0,291
CHR4	16114402	CHR4:16114402	SSF x LoA	-11,8219477	-0,017	0,296
CHR4	16114559	CHR4:16114559	SSF x LoA	-10,4017798	-0,079	0,302
CHR4	16114565	CHR4:16114565	SSF x LoA	-8,65184978	-0,075	0,299
CHR4	16114595	CHR4:16114595	SSF x LoA	-11,6641374	-0,010	0,298
CHR4	16118075	CHR4:16118075	SSF x LoA	-12,1258729	-0,031	0,297
CHR4	16118128	CHR4:16118128	SSF x LoA	-8,89092135	0,018	0,313
CHR4	16118452	CHR4:16118452	SSF x LoA	-10,3229531	0,003	0,302
CHR4	16118471	CHR4:16118471	SSF x LoA	-7,83629278	0,030	0,293
CHR4	16118488	CHR4:16118488	SSF x LoA	-8,99903395	0,105	0,294
CHR4	16118500	CHR4:16118500	SSF x LoA	-9,22193517	0,000	0,313
CHR4	16118549	CHR4:16118549	SSF x LoA	-9,77393964	-0,070	0,305
CHR4	16123169	CHR4:16123169	SSF x LoA	-8,32455143	-0,014	0,304
CHR4	16123185	CHR4:16123185	SSF x LoA	-10,5882517	0,076	0,312
CHR4	16123260	CHR4:16123260	SSF x LoA	-4,38666232	0,126	0,307
CHR4	16124279	CHR4:16124279	SSF x LoA	-10,1049124	0,026	0,314
CHR4	16132202	CHR4:16132202	SSF x LoA	-8,55280473	-0,097	0,312
CHR4	16143144	CHR4:16143144	SSF x LoA	-11,2457196	-0,048	0,306
CHR4	16143168	CHR4:16143168	SSF x LoA	-11,0752252	-0,087	0,314
CHR4	16143176	CHR4:16143176	SSF x LoA	-11,0104109	-0,083	0,303
CHR4	16143203	CHR4:16143203	SSF x LoA	-11,0421661	-0,073	0,311
CHR4	16143204	CHR4:16143204	SSF x LoA	-10,5741804	-0,106	0,309
CHR4	16143790	CHR4:16143790	SSF x LoA	-8,39239941	0,052	0,309
CHR4	1615607	CHR4:1615607	SSF x LoA	-9,58147744	0,085	0,311
CHR4	1615630	CHR4:1615630	SSF x LoA	-8,45897384	-0,064	0,306
CHR4	1615651	CHR4:1615651	SSF x LoA	-9,83990959	-0,029	0,299
CHR4	1615657	CHR4:1615657	SSF x LoA	-10,2351753	-0,033	0,298
CHR4	1617216	CHR4:1617216	SSF x LoA	-4,77376897	-0,128	0,286
CHR4	16174224	CHR4:16174224	SSF x LoA	-10,0278944	0,042	0,301
CHR4	16190900	CHR4:16190900	SSF x LoA	-7,8430399	-0,102	0,312
CHR4	16194571	CHR4:16194571	SSF x LoA	-9,01820457	0,068	0,307
CHR4	16194752	CHR4:16194752	SSF x LoA	-10,6407718	-0,097	0,298
CHR4	16194782	CHR4:16194782	SSF x LoA	-10,261829	0,073	0,317
CHR4	16194787	CHR4:16194787	SSF x LoA	-10,2394776	-0,032	0,310
CHR4	16196233	CHR4:16196233	SSF x LoA	-11,6688514	0,048	0,312
CHR4	1619833	CHR4:1619833	SSF x LoA	-9,78702094	-0,059	0,309

CHR4	1619948	CHR4:1619948	SSF x LoA	-9,94611908	-0,011	0,314
CHR4	1619957	CHR4:1619957	SSF x LoA	-9,48627139	-0,028	0,306
CHR4	16213237	CHR4:16213237	SSF x LoA	-8,9706451	-0,072	0,313
CHR4	16213338	CHR4:16213338	SSF x LoA	-6,77596233	-0,151	0,301
CHR4	16221478	CHR4:16221478	SSF x LoA	-9,2499146	0,063	0,309
CHR4	16221491	CHR4:16221491	SSF x LoA	-9,34443292	-0,009	0,307
CHR4	16250490	CHR4:16250490	SSF x LoA	-6,3335211	-0,181	0,305
CHR4	16250501	CHR4:16250501	SSF x LoA	-11,2961301	0,059	0,310
CHR4	16250599	CHR4:16250599	SSF x LoA	-9,80207056	0,021	0,305
CHR4	16250608	CHR4:16250608	SSF x LoA	-9,88764408	0,012	0,293
CHR4	16250638	CHR4:16250638	SSF x LoA	-8,87953454	-0,154	0,296
CHR4	16250732	CHR4:16250732	SSF x LoA	-10,330267	-0,112	0,300
CHR4	16261518	CHR4:16261518	SSF x LoA	-7,89968978	-0,099	0,300
CHR4	16261573	CHR4:16261573	SSF x LoA	-10,7243426	-0,073	0,307
CHR4	16277589	CHR4:16277589	SSF x LoA	-8,79759973	-0,128	0,305
CHR4	16277691	CHR4:16277691	SSF x LoA	-11,4750278	-0,018	0,324
CHR4	16310649	CHR4:16310649	SSF x LoA	-7,1312846	-0,058	0,309
CHR4	16310669	CHR4:16310669	SSF x LoA	-8,18418516	-0,085	0,298
CHR4	16315519	CHR4:16315519	SSF x LoA	5,73715709	0,178	0,299
CHR4	16315570	CHR4:16315570	SSF x LoA	-10,3153001	-0,023	0,318
CHR4	16315609	CHR4:16315609	SSF x LoA	-10,7390941	-0,110	0,311
CHR4	16315638	CHR4:16315638	SSF x LoA	-10,7213112	-0,003	0,326
CHR4	16315639	CHR4:16315639	SSF x LoA	-8,72967512	-0,057	0,315
CHR4	16315701	CHR4:16315701	SSF x LoA	-8,26362164	-0,033	0,321
CHR4	16315705	CHR4:16315705	SSF x LoA	-10,5351071	-0,106	0,301
CHR4	16317018	CHR4:16317018	SSF x LoA	-5,5771024	-0,024	0,306
CHR4	16317134	CHR4:16317134	SSF x LoA	-11,0839612	0,113	0,302
CHR4	16317271	CHR4:16317271	SSF x LoA	-8,32416676	0,069	0,306
CHR4	16335151	CHR4:16335151	SSF x LoA	-10,0397816	0,078	0,308
CHR4	16351948	CHR4:16351948	SSF x LoA	-8,50434698	-0,085	0,315
CHR4	16351962	CHR4:16351962	SSF x LoA	-7,78779964	0,120	0,302
CHR4	16351963	CHR4:16351963	SSF x LoA	-7,85425082	0,104	0,288
CHR4	16351973	CHR4:16351973	SSF x LoA	-9,47828173	-0,090	0,299
CHR4	16351975	CHR4:16351975	SSF x LoA	-8,08604324	0,041	0,315
CHR4	16351981	CHR4:16351981	SSF x LoA	-9,54980603	0,011	0,320
CHR4	16352012	CHR4:16352012	SSF x LoA	-7,98521931	-0,125	0,301
CHR4	16352042	CHR4:16352042	SSF x LoA	-7,02923146	0,014	0,328
CHR4	16354130	CHR4:16354130	SSF x LoA	-9,51156988	-0,110	0,291
CHR4	16354176	CHR4:16354176	SSF x LoA	-5,91020762	-0,149	0,287
CHR4	16358526	CHR4:16358526	SSF x LoA	-8,45264862	0,001	0,317
CHR4	16360212	CHR4:16360212	SSF x LoA	-9,09554826	-0,016	0,312
CHR4	16360238	CHR4:16360238	SSF x LoA	-7,84476695	0,059	0,318
CHR4	16360262	CHR4:16360262	SSF x LoA	-10,4105124	-0,042	0,306
CHR4	16370212	CHR4:16370212	SSF x LoA	-11,2723895	0,005	0,309
CHR4	16370251	CHR4:16370251	SSF x LoA	0,2089554	0,156	0,296
CHR4	16370319	CHR4:16370319	SSF x LoA	-8,40424701	0,069	0,312
CHR4	16370325	CHR4:16370325	SSF x LoA	-9,79699929	0,017	0,306
CHR4	16405034	CHR4:16405034	SSF x LoA	-9,78743531	-0,050	0,317
CHR4	16429485	CHR4:16429485	SSF x LoA	-7,7693908	0,066	0,301
CHR4	16467664	CHR4:16467664	SSF x LoA	-9,63313382	0,050	0,285
CHR4	16469551	CHR4:16469551	SSF x LoA	-7,18119272	0,089	0,304
CHR4	16469558	CHR4:16469558	SSF x LoA	-11,3959267	-0,053	0,308
CHR4	16469560	CHR4:16469560	SSF x LoA	-9,280797	-0,079	0,313

CHR4	16469572	CHR4:16469572	SSF x LoA	-10,5932583	0,032	0,301
CHR4	16469604	CHR4:16469604	SSF x LoA	-10,8618159	-0,030	0,316
CHR4	16476259	CHR4:16476259	SSF x LoA	-7,52197401	0,022	0,318
CHR4	16476395	CHR4:16476395	SSF x LoA	-11,1141063	-0,133	0,292
CHR4	16493395	CHR4:16493395	SSF x LoA	-8,96423127	0,130	0,297
CHR4	16493411	CHR4:16493411	SSF x LoA	-4,66950652	0,146	0,308
CHR4	16493447	CHR4:16493447	SSF x LoA	-6,37189435	-0,059	0,309
CHR4	16493457	CHR4:16493457	SSF x LoA	-8,47789928	0,074	0,310
CHR4	16493504	CHR4:16493504	SSF x LoA	-6,89972743	0,149	0,301
CHR4	16493610	CHR4:16493610	SSF x LoA	-8,37191603	0,044	0,311
CHR4	16498810	CHR4:16498810	SSF x LoA	-8,16771652	-0,064	0,321
CHR4	16498813	CHR4:16498813	SSF x LoA	-9,01263876	-0,062	0,303
CHR4	16498922	CHR4:16498922	SSF x LoA	-9,45804618	0,035	0,308
CHR4	16499051	CHR4:16499051	SSF x LoA	-6,45607559	-0,102	0,292
CHR4	16501012	CHR4:16501012	SSF x LoA	-9,69709935	0,019	0,308
CHR4	16503852	CHR4:16503852	SSF x LoA	-6,45581139	-0,144	0,305
CHR4	16503925	CHR4:16503925	SSF x LoA	-9,39744087	0,132	0,298
CHR4	16527410	CHR4:16527410	SSF x LoA	-7,74850369	-0,131	0,314
CHR4	16527441	CHR4:16527441	SSF x LoA	-10,1100539	0,002	0,312
CHR4	16531624	CHR4:16531624	SSF x LoA	-11,2219441	-0,070	0,305
CHR4	16546454	CHR4:16546454	SSF x LoA	-6,91006321	-0,036	0,320
CHR4	16567711	CHR4:16567711	SSF x LoA	-8,69443301	-0,100	0,297
CHR4	16569600	CHR4:16569600	SSF x LoA	-10,563217	0,015	0,293
CHR4	16569658	CHR4:16569658	SSF x LoA	-8,09787432	0,103	0,300
CHR4	16578913	CHR4:16578913	SSF x LoA	-11,923156	-0,082	0,302
CHR4	16578923	CHR4:16578923	SSF x LoA	-10,0739982	-0,060	0,303
CHR4	16581475	CHR4:16581475	SSF x LoA	-10,1498569	0,067	0,300
CHR4	16581476	CHR4:16581476	SSF x LoA	-9,30947478	0,094	0,301
CHR4	16581495	CHR4:16581495	SSF x LoA	-7,30166051	-0,090	0,307
CHR4	16582868	CHR4:16582868	SSF x LoA	-8,07504286	-0,043	0,313
CHR4	16583008	CHR4:16583008	SSF x LoA	-6,06956594	-0,098	0,298
CHR4	16583046	CHR4:16583046	SSF x LoA	-11,4862145	-0,009	0,302
CHR4	16590017	CHR4:16590017	SSF x LoA	-10,0935066	0,127	0,313
CHR4	16590149	CHR4:16590149	SSF x LoA	-7,17336384	0,151	0,306
CHR4	16590153	CHR4:16590153	SSF x LoA	-2,97894669	0,016	0,302
CHR4	16592310	CHR4:16592310	SSF x LoA	-6,77195726	0,092	0,320
CHR4	16599693	CHR4:16599693	SSF x LoA	-8,89021061	-0,106	0,308
CHR4	16607959	CHR4:16607959	SSF x LoA	-9,62878631	-0,018	0,303
CHR4	16608020	CHR4:16608020	SSF x LoA	-8,74325544	0,028	0,298
CHR4	16648692	CHR4:16648692	SSF x LoA	-11,1862281	-0,015	0,320
CHR4	16662301	CHR4:16662301	SSF x LoA	-9,46955736	-0,056	0,326
CHR4	16682803	CHR4:16682803	SSF x LoA	-9,00434683	0,071	0,305
CHR4	16717716	CHR4:16717716	SSF x LoA	-9,79720266	-0,036	0,301
CHR4	16724265	CHR4:16724265	SSF x LoA	-11,2608705	0,005	0,309
CHR4	16724309	CHR4:16724309	SSF x LoA	-12,1281558	-0,038	0,294
CHR4	16724318	CHR4:16724318	SSF x LoA	-9,68130816	-0,029	0,325
CHR4	16724426	CHR4:16724426	SSF x LoA	-9,78187995	0,005	0,310
CHR4	1672796	CHR4:1672796	SSF x LoA	-6,60428359	0,146	0,298
CHR4	1672819	CHR4:1672819	SSF x LoA	-11,5395599	-0,056	0,287
CHR4	1672891	CHR4:1672891	SSF x LoA	-1,47113991	-0,157	0,292
CHR4	16735753	CHR4:16735753	SSF x LoA	-9,0266809	-0,009	0,311
CHR4	16736794	CHR4:16736794	SSF x LoA	-4,11155045	-0,068	0,308
CHR4	16736830	CHR4:16736830	SSF x LoA	-9,2045241	-0,035	0,310

CHR4	16736839	CHR4:16736839	SSF x LoA	-7,5190684	-0,025	0,302
CHR4	16744061	CHR4:16744061	SSF x LoA	-8,08289892	-0,060	0,294
CHR4	16744083	CHR4:16744083	SSF x LoA	-8,00600657	0,009	0,316
CHR4	16744139	CHR4:16744139	SSF x LoA	-9,65291795	-0,064	0,319
CHR4	16744140	CHR4:16744140	SSF x LoA	-10,0798778	-0,002	0,308
CHR4	16744142	CHR4:16744142	SSF x LoA	-9,47474279	0,016	0,300
CHR4	16744182	CHR4:16744182	SSF x LoA	-7,67815443	-0,126	0,304
CHR4	16744192	CHR4:16744192	SSF x LoA	-6,94435887	-0,090	0,305
CHR4	16744225	CHR4:16744225	SSF x LoA	-11,0253762	0,041	0,301
CHR4	16753230	CHR4:16753230	SSF x LoA	-10,0655602	-0,039	0,316
CHR4	16753364	CHR4:16753364	SSF x LoA	-10,5445764	0,076	0,295
CHR4	16753374	CHR4:16753374	SSF x LoA	-8,30023501	0,161	0,298
CHR4	16753382	CHR4:16753382	SSF x LoA	-8,18688055	-0,054	0,304
CHR4	16753414	CHR4:16753414	SSF x LoA	-5,66954649	-0,077	0,315
CHR4	16770962	CHR4:16770962	SSF x LoA	-11,379585	-0,067	0,292
CHR4	16771098	CHR4:16771098	SSF x LoA	-10,9855598	-0,070	0,315
CHR4	16775009	CHR4:16775009	SSF x LoA	-8,4896359	-0,026	0,310
CHR4	16775016	CHR4:16775016	SSF x LoA	-8,15039718	-0,068	0,322
CHR4	16775031	CHR4:16775031	SSF x LoA	-8,17283683	0,090	0,316
CHR4	16775067	CHR4:16775067	SSF x LoA	-7,09046445	-0,131	0,303
CHR4	16777854	CHR4:16777854	SSF x LoA	-9,51820945	0,010	0,309
CHR4	16777865	CHR4:16777865	SSF x LoA	-9,97656324	0,116	0,304
CHR4	16777893	CHR4:16777893	SSF x LoA	-8,49991115	-0,034	0,306
CHR4	16781003	CHR4:16781003	SSF x LoA	-5,16539838	0,094	0,314
CHR4	16781064	CHR4:16781064	SSF x LoA	-7,75766637	-0,031	0,300
CHR4	16781151	CHR4:16781151	SSF x LoA	-8,33958874	0,061	0,298
CHR4	16781181	CHR4:16781181	SSF x LoA	-9,28793822	0,041	0,307
CHR4	16781183	CHR4:16781183	SSF x LoA	-9,92256693	0,054	0,309
CHR4	16781185	CHR4:16781185	SSF x LoA	-8,76895702	0,012	0,308
CHR4	16781197	CHR4:16781197	SSF x LoA	-11,2715489	-0,038	0,297
CHR4	16781204	CHR4:16781204	SSF x LoA	-8,29610585	-0,009	0,299
CHR4	16781250	CHR4:16781250	SSF x LoA	-10,54769	-0,046	0,298
CHR4	16781406	CHR4:16781406	SSF x LoA	-11,3897737	-0,096	0,309
CHR4	16805560	CHR4:16805560	SSF x LoA	-10,1768715	0,007	0,315
CHR4	16805715	CHR4:16805715	SSF x LoA	-11,9627065	0,008	0,293
CHR4	16805764	CHR4:16805764	SSF x LoA	-9,65278437	0,058	0,304
CHR4	16817351	CHR4:16817351	SSF x LoA	-8,21322042	0,038	0,302
CHR4	16820609	CHR4:16820609	SSF x LoA	-8,34643983	0,081	0,309
CHR4	16820660	CHR4:16820660	SSF x LoA	-8,78350709	0,031	0,314
CHR4	16823375	CHR4:16823375	SSF x LoA	-7,86102629	-0,018	0,315
CHR4	16823379	CHR4:16823379	SSF x LoA	-10,7453926	-0,030	0,312
CHR4	16823651	CHR4:16823651	SSF x LoA	-8,4843077	-0,016	0,307
CHR4	16834785	CHR4:16834785	SSF x LoA	-7,18027014	0,029	0,315
CHR4	16834834	CHR4:16834834	SSF x LoA	-8,54386399	0,137	0,301
CHR4	16834874	CHR4:16834874	SSF x LoA	-9,9921612	0,107	0,309
CHR4	16840223	CHR4:16840223	SSF x LoA	-8,0029549	0,056	0,307
CHR4	16840381	CHR4:16840381	SSF x LoA	-9,12635799	-0,054	0,323
CHR4	16840449	CHR4:16840449	SSF x LoA	-7,44323077	-0,094	0,302
CHR4	16845835	CHR4:16845835	SSF x LoA	-8,96915045	0,052	0,306
CHR4	16853191	CHR4:16853191	SSF x LoA	-8,4825312	0,091	0,308
CHR4	16855	CHR4:16855	SSF x LoA	-11,602929	0,013	0,316
CHR4	16858639	CHR4:16858639	SSF x LoA	-9,88132042	-0,030	0,297
CHR4	16858673	CHR4:16858673	SSF x LoA	-8,01073317	-0,111	0,310

CHR4	16858687	CHR4:16858687	SSF x LoA	-8,90953414	-0,002	0,306
CHR4	16858851	CHR4:16858851	SSF x LoA	-9,05122409	-0,011	0,304
CHR4	16860453	CHR4:16860453	SSF x LoA	-9,79704661	0,055	0,310
CHR4	16860516	CHR4:16860516	SSF x LoA	-9,80007077	0,025	0,305
CHR4	16860551	CHR4:16860551	SSF x LoA	-8,25180979	-0,119	0,303
CHR4	16860575	CHR4:16860575	SSF x LoA	-9,14514172	-0,154	0,283
CHR4	16860582	CHR4:16860582	SSF x LoA	-8,32835827	-0,129	0,307
CHR4	16860617	CHR4:16860617	SSF x LoA	-7,96165708	-0,114	0,300
CHR4	1686334	CHR4:1686334	SSF x LoA	-8,63311253	-0,096	0,306
CHR4	1686336	CHR4:1686336	SSF x LoA	-9,94634308	-0,031	0,308
CHR4	16870764	CHR4:16870764	SSF x LoA	-11,5493431	0,089	0,303
CHR4	16870991	CHR4:16870991	SSF x LoA	-9,98864157	0,090	0,314
CHR4	16871000	CHR4:16871000	SSF x LoA	-7,49546298	0,116	0,321
CHR4	16872223	CHR4:16872223	SSF x LoA	-5,94471795	0,126	0,299
CHR4	16876033	CHR4:16876033	SSF x LoA	-9,64232256	0,022	0,313
CHR4	16883840	CHR4:16883840	SSF x LoA	-8,96312907	-0,052	0,300
CHR4	16883877	CHR4:16883877	SSF x LoA	-9,90136306	0,044	0,288
CHR4	16883879	CHR4:16883879	SSF x LoA	-6,61620903	-0,096	0,314
CHR4	16883955	CHR4:16883955	SSF x LoA	-10,4387583	0,003	0,306
CHR4	16884056	CHR4:16884056	SSF x LoA	-5,59747398	0,194	0,319
CHR4	16884059	CHR4:16884059	SSF x LoA	-7,61373261	0,168	0,294
CHR4	16884066	CHR4:16884066	SSF x LoA	-7,82098838	0,061	0,313
CHR4	16900765	CHR4:16900765	SSF x LoA	-9,02088695	-0,127	0,307
CHR4	16900785	CHR4:16900785	SSF x LoA	-7,36286562	0,169	0,300
CHR4	16904907	CHR4:16904907	SSF x LoA	-9,66914264	0,000	0,315
CHR4	16905042	CHR4:16905042	SSF x LoA	-10,1701218	-0,020	0,320
CHR4	16908065	CHR4:16908065	SSF x LoA	-11,4844316	0,004	0,308
CHR4	16908068	CHR4:16908068	SSF x LoA	-11,7867715	0,084	0,314
CHR4	16908069	CHR4:16908069	SSF x LoA	-8,368288	0,171	0,298
CHR4	16908079	CHR4:16908079	SSF x LoA	-5,67349813	0,159	0,300
CHR4	16908085	CHR4:16908085	SSF x LoA	-12,0964963	-0,041	0,304
CHR4	16908140	CHR4:16908140	SSF x LoA	-9,86875162	-0,023	0,301
CHR4	16908155	CHR4:16908155	SSF x LoA	-10,0646164	0,029	0,321
CHR4	16908205	CHR4:16908205	SSF x LoA	-9,28441217	0,050	0,309
CHR4	16910430	CHR4:16910430	SSF x LoA	-11,1887492	0,042	0,301
CHR4	16910435	CHR4:16910435	SSF x LoA	-7,09773822	-0,095	0,314
CHR4	16910494	CHR4:16910494	SSF x LoA	-8,61540835	0,068	0,303
CHR4	16910520	CHR4:16910520	SSF x LoA	-10,0408086	0,063	0,305
CHR4	16910523	CHR4:16910523	SSF x LoA	-10,596879	0,069	0,292
CHR4	16922140	CHR4:16922140	SSF x LoA	-8,40003993	-0,136	0,299
CHR4	16922144	CHR4:16922144	SSF x LoA	-5,27918721	-0,116	0,304
CHR4	16922150	CHR4:16922150	SSF x LoA	-10,4414027	0,065	0,295
CHR4	16922155	CHR4:16922155	SSF x LoA	-10,7111992	0,068	0,290
CHR4	16922178	CHR4:16922178	SSF x LoA	-6,48090888	-0,039	0,311
CHR4	16922192	CHR4:16922192	SSF x LoA	-10,2535844	0,010	0,297
CHR4	16923758	CHR4:16923758	SSF x LoA	-9,10467762	0,032	0,296
CHR4	16940742	CHR4:16940742	SSF x LoA	-8,66943098	-0,049	0,313
CHR4	16940750	CHR4:16940750	SSF x LoA	-8,67211385	-0,032	0,296
CHR4	16940977	CHR4:16940977	SSF x LoA	-7,70525876	0,098	0,299
CHR4	1694116	CHR4:1694116	SSF x LoA	-9,80662615	-0,034	0,310
CHR4	16942556	CHR4:16942556	SSF x LoA	-8,95260539	-0,001	0,318
CHR4	1694257	CHR4:1694257	SSF x LoA	-10,6552695	-0,125	0,307
CHR4	1694288	CHR4:1694288	SSF x LoA	-8,14941778	0,091	0,315

CHR4	16945554	CHR4:16945554	SSF x LoA	-10,3759429	0,065	0,298
CHR4	16945562	CHR4:16945562	SSF x LoA	-7,9465214	0,057	0,312
CHR4	16945566	CHR4:16945566	SSF x LoA	-9,82651749	-0,112	0,313
CHR4	16945617	CHR4:16945617	SSF x LoA	-10,4907816	0,105	0,298
CHR4	16945702	CHR4:16945702	SSF x LoA	-10,0682768	0,045	0,301
CHR4	16946680	CHR4:16946680	SSF x LoA	-3,57098838	0,000	0,309
CHR4	16946935	CHR4:16946935	SSF x LoA	-8,25296721	0,135	0,300
CHR4	16946936	CHR4:16946936	SSF x LoA	-8,63956741	0,055	0,318
CHR4	16948207	CHR4:16948207	SSF x LoA	-11,3471796	-0,022	0,308
CHR4	16948244	CHR4:16948244	SSF x LoA	-11,1452609	-0,012	0,312
CHR4	16948290	CHR4:16948290	SSF x LoA	-10,1502392	-0,059	0,313
CHR4	16948339	CHR4:16948339	SSF x LoA	-8,22893915	0,090	0,284
CHR4	16948431	CHR4:16948431	SSF x LoA	-7,9818716	-0,137	0,304
CHR4	16953599	CHR4:16953599	SSF x LoA	-8,71450837	0,001	0,302
CHR4	16953699	CHR4:16953699	SSF x LoA	-9,79366789	-0,152	0,289
CHR4	16953765	CHR4:16953765	SSF x LoA	-8,19925652	0,021	0,306
CHR4	16955649	CHR4:16955649	SSF x LoA	-6,48085362	-0,013	0,307
CHR4	1695795	CHR4:1695795	SSF x LoA	-7,01181637	-0,120	0,315
CHR4	16959391	CHR4:16959391	SSF x LoA	-9,19105085	0,043	0,311
CHR4	16959432	CHR4:16959432	SSF x LoA	5,67498093	0,010	0,304
CHR4	16959462	CHR4:16959462	SSF x LoA	-10,3515989	-0,099	0,314
CHR4	16959509	CHR4:16959509	SSF x LoA	-7,51737355	-0,018	0,311
CHR4	16959630	CHR4:16959630	SSF x LoA	-7,53577939	-0,154	0,302
CHR4	16968843	CHR4:16968843	SSF x LoA	-11,1496435	0,004	0,303
CHR4	16968863	CHR4:16968863	SSF x LoA	-9,20045543	-0,015	0,294
CHR4	16968929	CHR4:16968929	SSF x LoA	-9,24661917	-0,090	0,297
CHR4	16968938	CHR4:16968938	SSF x LoA	-5,99880532	-0,086	0,298
CHR4	16981912	CHR4:16981912	SSF x LoA	-11,500578	0,071	0,301
CHR4	16992365	CHR4:16992365	SSF x LoA	-9,17129405	0,128	0,304
CHR4	16992427	CHR4:16992427	SSF x LoA	-8,01366338	-0,092	0,303
CHR4	16992433	CHR4:16992433	SSF x LoA	-9,31880865	-0,077	0,324
CHR4	16992464	CHR4:16992464	SSF x LoA	-10,2748156	-0,093	0,310
CHR4	16995238	CHR4:16995238	SSF x LoA	-8,17540194	-0,089	0,309
CHR4	16995378	CHR4:16995378	SSF x LoA	-9,12018272	-0,045	0,327
CHR4	16995397	CHR4:16995397	SSF x LoA	-9,93710577	-0,031	0,308
CHR4	16995440	CHR4:16995440	SSF x LoA	-9,62491458	0,059	0,316
CHR4	16998624	CHR4:16998624	SSF x LoA	-9,98901715	0,035	0,305
CHR4	16998690	CHR4:16998690	SSF x LoA	-7,02504392	0,146	0,306
CHR4	16998753	CHR4:16998753	SSF x LoA	-6,96962249	0,197	0,282
CHR4	17002244	CHR4:17002244	SSF x LoA	-5,54396192	0,059	0,308
CHR4	17002264	CHR4:17002264	SSF x LoA	-8,01927922	0,010	0,308
CHR4	17002296	CHR4:17002296	SSF x LoA	-10,966791	0,057	0,300
CHR4	17002315	CHR4:17002315	SSF x LoA	-10,2744477	0,062	0,293
CHR4	17002665	CHR4:17002665	SSF x LoA	-7,69158089	0,070	0,318
CHR4	17003554	CHR4:17003554	SSF x LoA	-8,95354533	-0,003	0,320
CHR4	17005696	CHR4:17005696	SSF x LoA	-10,4667098	0,066	0,316
CHR4	17005720	CHR4:17005720	SSF x LoA	-9,880137	-0,003	0,317
CHR4	17005860	CHR4:17005860	SSF x LoA	-9,24770131	0,009	0,315
CHR4	17005910	CHR4:17005910	SSF x LoA	-8,3357418	0,083	0,305
CHR4	1700772	CHR4:1700772	SSF x LoA	-9,7785872	-0,001	0,319
CHR4	1700844	CHR4:1700844	SSF x LoA	-9,6407194	0,049	0,305
CHR4	1700850	CHR4:1700850	SSF x LoA	-8,40262317	-0,083	0,308
CHR4	17009286	CHR4:17009286	SSF x LoA	-8,30388483	-0,093	0,313

CHR4	17009365	CHR4:17009365	SSF x LoA	-5,48950777	-0,156	0,312
CHR4	17009380	CHR4:17009380	SSF x LoA	-2,92515337	-0,058	0,295
CHR4	17009400	CHR4:17009400	SSF x LoA	-7,58143273	0,120	0,307
CHR4	17009526	CHR4:17009526	SSF x LoA	-11,9611216	-0,001	0,309
CHR4	17012172	CHR4:17012172	SSF x LoA	-9,42501092	-0,087	0,307
CHR4	17033635	CHR4:17033635	SSF x LoA	-6,34175412	0,080	0,309
CHR4	17035025	CHR4:17035025	SSF x LoA	-9,10293776	-0,097	0,300
CHR4	17035052	CHR4:17035052	SSF x LoA	-10,3975027	0,037	0,309
CHR4	17035108	CHR4:17035108	SSF x LoA	-10,5487753	-0,055	0,310
CHR4	17040319	CHR4:17040319	SSF x LoA	-7,28664295	0,147	0,308
CHR4	17040396	CHR4:17040396	SSF x LoA	-7,22602241	0,166	0,303
CHR4	17040486	CHR4:17040486	SSF x LoA	-0,27764743	0,167	0,288
CHR4	17040502	CHR4:17040502	SSF x LoA	-8,3921263	-0,079	0,301
CHR4	17040517	CHR4:17040517	SSF x LoA	-9,07475802	-0,039	0,291
CHR4	17059522	CHR4:17059522	SSF x LoA	-10,1676351	0,112	0,303
CHR4	17059560	CHR4:17059560	SSF x LoA	-8,75992494	0,019	0,300
CHR4	17059568	CHR4:17059568	SSF x LoA	-8,98149728	-0,025	0,300
CHR4	17059595	CHR4:17059595	SSF x LoA	-4,08692009	-0,013	0,311
CHR4	17059691	CHR4:17059691	SSF x LoA	-8,84747388	0,010	0,296
CHR4	17073995	CHR4:17073995	SSF x LoA	-9,52779674	-0,073	0,308
CHR4	17074015	CHR4:17074015	SSF x LoA	-9,15774433	0,059	0,319
CHR4	17074045	CHR4:17074045	SSF x LoA	-9,81711478	-0,089	0,291
CHR4	17074072	CHR4:17074072	SSF x LoA	-8,30637011	-0,053	0,319
CHR4	17074147	CHR4:17074147	SSF x LoA	-6,56676827	0,037	0,306
CHR4	17074152	CHR4:17074152	SSF x LoA	-8,76713518	-0,104	0,312
CHR4	17074249	CHR4:17074249	SSF x LoA	-10,240842	0,026	0,298
CHR4	17074309	CHR4:17074309	SSF x LoA	-6,95451686	-0,022	0,308
CHR4	17074312	CHR4:17074312	SSF x LoA	-8,30303024	-0,127	0,302
CHR4	17074319	CHR4:17074319	SSF x LoA	-8,43467921	0,020	0,305
CHR4	17074323	CHR4:17074323	SSF x LoA	-8,48795723	-0,014	0,304
CHR4	17084258	CHR4:17084258	SSF x LoA	-9,63624226	0,081	0,312
CHR4	17084350	CHR4:17084350	SSF x LoA	-7,86274748	-0,110	0,296
CHR4	17086437	CHR4:17086437	SSF x LoA	-9,29203339	0,078	0,301
CHR4	17093659	CHR4:17093659	SSF x LoA	-8,50719946	-0,106	0,292
CHR4	17093663	CHR4:17093663	SSF x LoA	-7,44362347	-0,101	0,301
CHR4	17093664	CHR4:17093664	SSF x LoA	-9,10609323	-0,092	0,300
CHR4	17093670	CHR4:17093670	SSF x LoA	-9,70390946	-0,103	0,286
CHR4	17105516	CHR4:17105516	SSF x LoA	-9,59395601	-0,096	0,314
CHR4	17105567	CHR4:17105567	SSF x LoA	-8,10271811	0,110	0,315
CHR4	17105580	CHR4:17105580	SSF x LoA	-8,84446751	-0,099	0,322
CHR4	17105583	CHR4:17105583	SSF x LoA	-11,0076079	-0,061	0,312
CHR4	17105645	CHR4:17105645	SSF x LoA	-7,30774118	-0,100	0,299
CHR4	17105707	CHR4:17105707	SSF x LoA	-10,5010029	-0,082	0,310
CHR4	17108429	CHR4:17108429	SSF x LoA	-10,6009004	0,013	0,287
CHR4	17108454	CHR4:17108454	SSF x LoA	-6,55328325	0,119	0,314
CHR4	17108457	CHR4:17108457	SSF x LoA	-9,54595514	0,030	0,304
CHR4	17108463	CHR4:17108463	SSF x LoA	-8,19659385	0,023	0,301
CHR4	17108484	CHR4:17108484	SSF x LoA	-10,4847847	-0,022	0,310
CHR4	17108491	CHR4:17108491	SSF x LoA	-8,92175049	0,024	0,303
CHR4	17108526	CHR4:17108526	SSF x LoA	-9,87348309	0,035	0,304
CHR4	17112408	CHR4:17112408	SSF x LoA	-8,30287277	0,177	0,293
CHR4	17112427	CHR4:17112427	SSF x LoA	-8,26505367	0,105	0,306
CHR4	17112502	CHR4:17112502	SSF x LoA	-6,52827527	0,164	0,310

CHR4	17116095	CHR4:17116095	SSF x LoA	-11,2274156	-0,025	0,309
CHR4	17119573	CHR4:17119573	SSF x LoA	-11,6060337	0,058	0,304
CHR4	17119637	CHR4:17119637	SSF x LoA	-5,95608935	0,019	0,322
CHR4	17119687	CHR4:17119687	SSF x LoA	-9,88725561	-0,074	0,298
CHR4	17119688	CHR4:17119688	SSF x LoA	-9,09317775	-0,046	0,302
CHR4	17119690	CHR4:17119690	SSF x LoA	-9,04648515	0,191	0,287
CHR4	17119697	CHR4:17119697	SSF x LoA	-7,98494382	-0,093	0,319
CHR4	17122707	CHR4:17122707	SSF x LoA	-2,96512582	-0,230	0,283
CHR4	17122756	CHR4:17122756	SSF x LoA	-7,51787794	0,001	0,302
CHR4	17122841	CHR4:17122841	SSF x LoA	-10,8343565	0,047	0,308
CHR4	17128500	CHR4:17128500	SSF x LoA	-4,25674492	-0,125	0,310
CHR4	17128574	CHR4:17128574	SSF x LoA	-10,2055287	-0,016	0,310
CHR4	17130409	CHR4:17130409	SSF x LoA	-8,40013364	-0,083	0,301
CHR4	17130505	CHR4:17130505	SSF x LoA	-6,09738628	-0,163	0,299
CHR4	17130507	CHR4:17130507	SSF x LoA	-8,88435136	0,123	0,296
CHR4	17132997	CHR4:17132997	SSF x LoA	-9,35647614	0,029	0,302
CHR4	17133045	CHR4:17133045	SSF x LoA	-11,332044	0,011	0,314
CHR4	17133097	CHR4:17133097	SSF x LoA	-8,8907726	0,006	0,312
CHR4	17140803	CHR4:17140803	SSF x LoA	-11,1998998	-0,013	0,312
CHR4	17142102	CHR4:17142102	SSF x LoA	-9,31304146	0,011	0,310
CHR4	1714275	CHR4:1714275	SSF x LoA	-10,3243527	0,079	0,312
CHR4	1714314	CHR4:1714314	SSF x LoA	-8,64398918	0,020	0,301
CHR4	1714414	CHR4:1714414	SSF x LoA	-11,7142751	0,046	0,290
CHR4	17157105	CHR4:17157105	SSF x LoA	-4,91604532	0,012	0,311
CHR4	17159003	CHR4:17159003	SSF x LoA	-10,9440737	0,045	0,304
CHR4	17159214	CHR4:17159214	SSF x LoA	-7,39823233	-0,126	0,299
CHR4	17159295	CHR4:17159295	SSF x LoA	-6,20630758	-0,183	0,293
CHR4	17159325	CHR4:17159325	SSF x LoA	-6,60597017	0,063	0,320
CHR4	17164552	CHR4:17164552	SSF x LoA	-9,35641711	0,063	0,318
CHR4	17164556	CHR4:17164556	SSF x LoA	-9,20337567	0,061	0,295
CHR4	17164557	CHR4:17164557	SSF x LoA	-11,2066412	-0,025	0,311
CHR4	17164562	CHR4:17164562	SSF x LoA	-9,07746916	0,004	0,315
CHR4	17164573	CHR4:17164573	SSF x LoA	-10,1522134	0,043	0,301
CHR4	17164584	CHR4:17164584	SSF x LoA	-10,5555929	0,048	0,311
CHR4	17172942	CHR4:17172942	SSF x LoA	-9,40069666	-0,136	0,308
CHR4	17173052	CHR4:17173052	SSF x LoA	-11,4453063	-0,064	0,319
CHR4	17176156	CHR4:17176156	SSF x LoA	-11,1066384	0,043	0,313
CHR4	17176185	CHR4:17176185	SSF x LoA	-11,8224361	0,077	0,310
CHR4	17176199	CHR4:17176199	SSF x LoA	-9,24326809	-0,047	0,306
CHR4	17176223	CHR4:17176223	SSF x LoA	-5,90619792	0,182	0,304
CHR4	17176236	CHR4:17176236	SSF x LoA	-7,27612849	0,126	0,299
CHR4	17176243	CHR4:17176243	SSF x LoA	-9,58583914	0,072	0,302
CHR4	17176247	CHR4:17176247	SSF x LoA	-8,12263512	0,045	0,294
CHR4	17176338	CHR4:17176338	SSF x LoA	-9,22506656	0,022	0,301
CHR4	17176343	CHR4:17176343	SSF x LoA	-9,69578457	0,087	0,311
CHR4	17176350	CHR4:17176350	SSF x LoA	-10,0154822	0,089	0,295
CHR4	17176377	CHR4:17176377	SSF x LoA	-8,56639994	-0,103	0,314
CHR4	17180250	CHR4:17180250	SSF x LoA	-8,20409506	0,130	0,320
CHR4	17180277	CHR4:17180277	SSF x LoA	-10,2686816	-0,060	0,311
CHR4	17204271	CHR4:17204271	SSF x LoA	-3,12850203	-0,004	0,307
CHR4	17204285	CHR4:17204285	SSF x LoA	-9,34378048	-0,019	0,302
CHR4	17204307	CHR4:17204307	SSF x LoA	-8,97711848	-0,059	0,304
CHR4	17204359	CHR4:17204359	SSF x LoA	-8,08719645	-0,082	0,307

CHR4	17206529	CHR4:17206529	SSF x LoA	-7,52319786	0,157	0,301
CHR4	17211011	CHR4:17211011	SSF x LoA	-11,4177172	0,061	0,304
CHR4	17211015	CHR4:17211015	SSF x LoA	-11,5504128	0,021	0,300
CHR4	17211124	CHR4:17211124	SSF x LoA	-10,3202619	0,043	0,310
CHR4	17211276	CHR4:17211276	SSF x LoA	-10,8864939	0,064	0,297
CHR4	17211376	CHR4:17211376	SSF x LoA	-9,12493272	-0,044	0,309
CHR4	17213674	CHR4:17213674	SSF x LoA	-8,57995353	0,100	0,296
CHR4	17214167	CHR4:17214167	SSF x LoA	-8,53438936	-0,082	0,317
CHR4	17214172	CHR4:17214172	SSF x LoA	-10,0249796	-0,017	0,332
CHR4	17214178	CHR4:17214178	SSF x LoA	-9,18385279	-0,058	0,310
CHR4	17225094	CHR4:17225094	SSF x LoA	-10,0909093	0,066	0,310
CHR4	17226552	CHR4:17226552	SSF x LoA	-11,1432527	0,025	0,301
CHR4	17228434	CHR4:17228434	SSF x LoA	-8,99661577	-0,021	0,310
CHR4	17228484	CHR4:17228484	SSF x LoA	-4,68334155	0,041	0,308
CHR4	17229846	CHR4:17229846	SSF x LoA	-10,4873192	0,041	0,302
CHR4	17229912	CHR4:17229912	SSF x LoA	-9,75413637	0,071	0,300
CHR4	17231535	CHR4:17231535	SSF x LoA	-9,32418167	-0,072	0,308
CHR4	17236591	CHR4:17236591	SSF x LoA	-11,5592887	0,018	0,306
CHR4	17243613	CHR4:17243613	SSF x LoA	-9,21541431	-0,107	0,284
CHR4	17247097	CHR4:17247097	SSF x LoA	-9,45592175	0,136	0,302
CHR4	17247166	CHR4:17247166	SSF x LoA	-9,48104766	0,065	0,294
CHR4	17257411	CHR4:17257411	SSF x LoA	-3,29812989	-0,244	0,291
CHR4	17257531	CHR4:17257531	SSF x LoA	-10,4763677	-0,084	0,308
CHR4	17257595	CHR4:17257595	SSF x LoA	-10,0593301	-0,007	0,308
CHR4	17257605	CHR4:17257605	SSF x LoA	-10,780855	-0,018	0,307
CHR4	17259729	CHR4:17259729	SSF x LoA	-8,56981329	0,126	0,315
CHR4	17259754	CHR4:17259754	SSF x LoA	-9,5684903	0,123	0,315
CHR4	17259769	CHR4:17259769	SSF x LoA	-7,56142401	0,110	0,306
CHR4	17259779	CHR4:17259779	SSF x LoA	-8,33726443	0,157	0,306
CHR4	17259799	CHR4:17259799	SSF x LoA	-6,1959154	-0,043	0,306
CHR4	17262761	CHR4:17262761	SSF x LoA	-8,2055298	0,054	0,307
CHR4	17262772	CHR4:17262772	SSF x LoA	-8,07641486	0,119	0,310
CHR4	17266086	CHR4:17266086	SSF x LoA	-10,7728893	-0,036	0,301
CHR4	17266182	CHR4:17266182	SSF x LoA	-9,10331245	-0,142	0,305
CHR4	17266223	CHR4:17266223	SSF x LoA	-8,811377	0,015	0,304
CHR4	17269134	CHR4:17269134	SSF x LoA	-8,98795	-0,020	0,312
CHR4	17269200	CHR4:17269200	SSF x LoA	-8,53074396	0,015	0,316
CHR4	17269251	CHR4:17269251	SSF x LoA	-11,4617573	0,028	0,310
CHR4	17269265	CHR4:17269265	SSF x LoA	-9,69463891	0,012	0,307
CHR4	17269266	CHR4:17269266	SSF x LoA	-9,9697165	-0,014	0,318
CHR4	17269326	CHR4:17269326	SSF x LoA	-8,23153008	-0,048	0,304
CHR4	17269361	CHR4:17269361	SSF x LoA	-8,7138118	-0,009	0,310
CHR4	17295806	CHR4:17295806	SSF x LoA	-11,3382519	-0,040	0,316
CHR4	17295857	CHR4:17295857	SSF x LoA	-4,52034995	0,197	0,307
CHR4	17295942	CHR4:17295942	SSF x LoA	-7,71793725	0,149	0,300
CHR4	17298202	CHR4:17298202	SSF x LoA	-4,06793007	-0,025	0,318
CHR4	17298211	CHR4:17298211	SSF x LoA	-7,92271373	-0,105	0,299
CHR4	17300869	CHR4:17300869	SSF x LoA	-10,2151014	0,064	0,306
CHR4	17303871	CHR4:17303871	SSF x LoA	-9,37461375	0,011	0,322
CHR4	17316799	CHR4:17316799	SSF x LoA	-8,99533883	-0,103	0,308
CHR4	17322451	CHR4:17322451	SSF x LoA	-9,38894561	-0,039	0,313
CHR4	17322480	CHR4:17322480	SSF x LoA	-5,11603423	-0,225	0,297
CHR4	17328344	CHR4:17328344	SSF x LoA	-8,00162425	-0,146	0,293

CHR4	17330015	CHR4:17330015	SSF x LoA	-7,604413	-0,061	0,306
CHR4	17330105	CHR4:17330105	SSF x LoA	-8,8028474	0,074	0,291
CHR4	17332667	CHR4:17332667	SSF x LoA	-8,10231251	0,029	0,313
CHR4	17332681	CHR4:17332681	SSF x LoA	-9,48074606	0,015	0,308
CHR4	17332689	CHR4:17332689	SSF x LoA	-10,4562144	0,039	0,306
CHR4	17335241	CHR4:17335241	SSF x LoA	-6,0125052	-0,036	0,305
CHR4	17335321	CHR4:17335321	SSF x LoA	-7,69437669	0,012	0,312
CHR4	17335627	CHR4:17335627	SSF x LoA	-7,39222029	0,046	0,314
CHR4	17335712	CHR4:17335712	SSF x LoA	-10,9732777	-0,041	0,304
CHR4	17335733	CHR4:17335733	SSF x LoA	-9,22224649	-0,029	0,296
CHR4	17340559	CHR4:17340559	SSF x LoA	-9,85919876	0,072	0,314
CHR4	17340646	CHR4:17340646	SSF x LoA	-10,009627	0,055	0,307
CHR4	17342960	CHR4:17342960	SSF x LoA	-10,1536274	-0,118	0,303
CHR4	1735332	CHR4:1735332	SSF x LoA	-9,48282209	0,010	0,308
CHR4	1735485	CHR4:1735485	SSF x LoA	-8,87242622	-0,025	0,307
CHR4	1735533	CHR4:1735533	SSF x LoA	-12,3797605	-0,033	0,303
CHR4	1735535	CHR4:1735535	SSF x LoA	-8,86712478	0,041	0,313
CHR4	17360937	CHR4:17360937	SSF x LoA	-7,36401231	0,034	0,310
CHR4	17360984	CHR4:17360984	SSF x LoA	-7,89112761	-0,148	0,282
CHR4	17360989	CHR4:17360989	SSF x LoA	-6,69913481	-0,116	0,302
CHR4	17360990	CHR4:17360990	SSF x LoA	-4,81989618	-0,134	0,303
CHR4	17361043	CHR4:17361043	SSF x LoA	-3,34859695	-0,114	0,311
CHR4	17361046	CHR4:17361046	SSF x LoA	-6,12134572	-0,135	0,304
CHR4	17366217	CHR4:17366217	SSF x LoA	-10,0737622	-0,010	0,325
CHR4	17366225	CHR4:17366225	SSF x LoA	-11,4284129	-0,009	0,306
CHR4	17366277	CHR4:17366277	SSF x LoA	-11,5841531	0,071	0,289
CHR4	17366314	CHR4:17366314	SSF x LoA	-9,28509221	0,053	0,296
CHR4	17366361	CHR4:17366361	SSF x LoA	-10,2983274	-0,004	0,311
CHR4	1737245	CHR4:1737245	SSF x LoA	-6,0455844	0,045	0,318
CHR4	17373563	CHR4:17373563	SSF x LoA	-10,3941749	-0,001	0,319
CHR4	17380665	CHR4:17380665	SSF x LoA	-7,21047735	-0,127	0,294
CHR4	17380674	CHR4:17380674	SSF x LoA	-8,02278382	-0,091	0,302
CHR4	17380679	CHR4:17380679	SSF x LoA	-3,38476631	-0,154	0,310
CHR4	17380692	CHR4:17380692	SSF x LoA	-6,58481276	-0,145	0,291
CHR4	17380706	CHR4:17380706	SSF x LoA	-8,76593138	-0,079	0,310
CHR4	17380707	CHR4:17380707	SSF x LoA	-9,97291719	-0,092	0,302
CHR4	17381104	CHR4:17381104	SSF x LoA	-9,31693433	0,160	0,290
CHR4	17381136	CHR4:17381136	SSF x LoA	-12,0786909	-0,012	0,305
CHR4	17381190	CHR4:17381190	SSF x LoA	-7,81826073	-0,096	0,303
CHR4	17381255	CHR4:17381255	SSF x LoA	-7,7770951	0,122	0,302
CHR4	17388376	CHR4:17388376	SSF x LoA	-11,5787015	-0,015	0,307
CHR4	17388381	CHR4:17388381	SSF x LoA	-7,60934843	0,113	0,309
CHR4	17392817	CHR4:17392817	SSF x LoA	-9,8400016	-0,055	0,301
CHR4	17392874	CHR4:17392874	SSF x LoA	-9,67408002	0,014	0,317
CHR4	17393023	CHR4:17393023	SSF x LoA	-8,05150254	0,137	0,306
CHR4	17393697	CHR4:17393697	SSF x LoA	-7,62211129	-0,041	0,309
CHR4	17393749	CHR4:17393749	SSF x LoA	-8,79752152	0,074	0,298
CHR4	17393785	CHR4:17393785	SSF x LoA	-4,62917956	0,042	0,310
CHR4	17393813	CHR4:17393813	SSF x LoA	-8,82889813	-0,018	0,309
CHR4	17393840	CHR4:17393840	SSF x LoA	-10,637327	0,051	0,295
CHR4	17393842	CHR4:17393842	SSF x LoA	-7,81629669	0,037	0,305
CHR4	17393844	CHR4:17393844	SSF x LoA	-8,99508564	0,008	0,309
CHR4	17393851	CHR4:17393851	SSF x LoA	-8,65305251	0,019	0,292

CHR4	17393854	CHR4:17393854	SSF x LoA	-9,62247411	0,026	0,301
CHR4	17393855	CHR4:17393855	SSF x LoA	-9,6331513	0,025	0,301
CHR4	17393862	CHR4:17393862	SSF x LoA	-10,3641789	0,049	0,288
CHR4	17393864	CHR4:17393864	SSF x LoA	-9,58318798	0,051	0,309
CHR4	17393865	CHR4:17393865	SSF x LoA	-8,9926479	0,022	0,300
CHR4	17393874	CHR4:17393874	SSF x LoA	-11,712725	-0,008	0,314
CHR4	17393905	CHR4:17393905	SSF x LoA	-8,48844585	0,001	0,295
CHR4	17397634	CHR4:17397634	SSF x LoA	-8,05284288	0,099	0,307
CHR4	17397665	CHR4:17397665	SSF x LoA	-9,11108003	0,067	0,316
CHR4	17397714	CHR4:17397714	SSF x LoA	-7,32201076	0,115	0,310
CHR4	17397730	CHR4:17397730	SSF x LoA	-7,81414917	-0,011	0,311
CHR4	17397731	CHR4:17397731	SSF x LoA	-8,65971892	-0,057	0,319
CHR4	17397784	CHR4:17397784	SSF x LoA	-9,97635681	-0,074	0,291
CHR4	17397788	CHR4:17397788	SSF x LoA	-9,85732924	0,037	0,315
CHR4	17397804	CHR4:17397804	SSF x LoA	-9,08173471	0,098	0,313
CHR4	17404670	CHR4:17404670	SSF x LoA	-12,5320975	-0,085	0,294
CHR4	17404674	CHR4:17404674	SSF x LoA	-9,65888739	-0,064	0,318
CHR4	17404675	CHR4:17404675	SSF x LoA	-11,6757151	-0,076	0,305
CHR4	17404680	CHR4:17404680	SSF x LoA	-11,6862234	-0,067	0,309
CHR4	17404683	CHR4:17404683	SSF x LoA	-11,7288256	-0,068	0,309
CHR4	17404850	CHR4:17404850	SSF x LoA	-11,4982426	-0,119	0,312
CHR4	17411197	CHR4:17411197	SSF x LoA	-8,64011228	0,095	0,306
CHR4	17411272	CHR4:17411272	SSF x LoA	-8,2372138	-0,149	0,300
CHR4	17411307	CHR4:17411307	SSF x LoA	-9,68064417	-0,021	0,313
CHR4	17411340	CHR4:17411340	SSF x LoA	-9,73429757	-0,012	0,302
CHR4	17411362	CHR4:17411362	SSF x LoA	-6,26661311	-0,090	0,301
CHR4	17411364	CHR4:17411364	SSF x LoA	-7,14699484	-0,122	0,306
CHR4	17411433	CHR4:17411433	SSF x LoA	-11,4192814	-0,020	0,311
CHR4	17411438	CHR4:17411438	SSF x LoA	-9,02404146	-0,095	0,302
CHR4	17411481	CHR4:17411481	SSF x LoA	-7,41274689	-0,112	0,310
CHR4	17419801	CHR4:17419801	SSF x LoA	-9,1251129	-0,031	0,305
CHR4	17419940	CHR4:17419940	SSF x LoA	-8,18030201	0,076	0,313
CHR4	17422468	CHR4:17422468	SSF x LoA	-4,67735391	0,057	0,313
CHR4	17422498	CHR4:17422498	SSF x LoA	-11,4261122	-0,022	0,313
CHR4	17429531	CHR4:17429531	SSF x LoA	-8,9846424	-0,086	0,311
CHR4	17429573	CHR4:17429573	SSF x LoA	-9,44479859	0,012	0,318
CHR4	17429581	CHR4:17429581	SSF x LoA	-8,01021232	0,121	0,314
CHR4	17429613	CHR4:17429613	SSF x LoA	-9,48023745	-0,092	0,303
CHR4	17429740	CHR4:17429740	SSF x LoA	-8,16680265	-0,006	0,322
CHR4	17441643	CHR4:17441643	SSF x LoA	-8,37630162	-0,043	0,318
CHR4	17441665	CHR4:17441665	SSF x LoA	-11,4555591	-0,001	0,284
CHR4	17441698	CHR4:17441698	SSF x LoA	-7,75732969	-0,097	0,309
CHR4	17441736	CHR4:17441736	SSF x LoA	-8,07481895	-0,122	0,307
CHR4	17448861	CHR4:17448861	SSF x LoA	-10,5020894	-0,037	0,304
CHR4	17448945	CHR4:17448945	SSF x LoA	-9,34085876	-0,022	0,300
CHR4	17448986	CHR4:17448986	SSF x LoA	-10,907833	-0,042	0,319
CHR4	17455483	CHR4:17455483	SSF x LoA	-10,5799489	-0,147	0,302
CHR4	17455612	CHR4:17455612	SSF x LoA	-10,7596777	-0,056	0,299
CHR4	17455816	CHR4:17455816	SSF x LoA	-7,7796932	-0,033	0,315
CHR4	17455817	CHR4:17455817	SSF x LoA	-9,32686519	-0,061	0,290
CHR4	17455855	CHR4:17455855	SSF x LoA	-9,144076	-0,027	0,313
CHR4	17455882	CHR4:17455882	SSF x LoA	-7,67825674	0,034	0,326
CHR4	17455912	CHR4:17455912	SSF x LoA	-7,10248438	-0,024	0,327

CHR4	17455936	CHR4:17455936	SSF x LoA	-9,42302152	-0,044	0,318
CHR4	17455941	CHR4:17455941	SSF x LoA	-9,7932889	0,040	0,310
CHR4	17455943	CHR4:17455943	SSF x LoA	-6,49845361	-0,033	0,317
CHR4	17463836	CHR4:17463836	SSF x LoA	-8,55328705	0,015	0,307
CHR4	17463884	CHR4:17463884	SSF x LoA	-10,9000348	0,025	0,300
CHR4	17463942	CHR4:17463942	SSF x LoA	-9,6584007	0,006	0,299
CHR4	17463948	CHR4:17463948	SSF x LoA	-9,05092771	0,045	0,300
CHR4	17477271	CHR4:17477271	SSF x LoA	-5,89646979	0,128	0,283
CHR4	17477367	CHR4:17477367	SSF x LoA	-9,62412863	0,014	0,293
CHR4	17477558	CHR4:17477558	SSF x LoA	-2,78229744	-0,153	0,304
CHR4	17477567	CHR4:17477567	SSF x LoA	-10,1619271	-0,006	0,311
CHR4	1747869	CHR4:1747869	SSF x LoA	-10,4391069	0,127	0,300
CHR4	17479168	CHR4:17479168	SSF x LoA	-9,52560062	-0,030	0,299
CHR4	17479272	CHR4:17479272	SSF x LoA	-6,11274841	0,200	0,275
CHR4	17483974	CHR4:17483974	SSF x LoA	-6,09788614	-0,110	0,302
CHR4	17484032	CHR4:17484032	SSF x LoA	-10,1816089	0,063	0,314
CHR4	17484058	CHR4:17484058	SSF x LoA	-7,76263483	-0,146	0,298
CHR4	17484080	CHR4:17484080	SSF x LoA	-8,78430884	0,013	0,315
CHR4	1748681	CHR4:1748681	SSF x LoA	-9,56242487	-0,050	0,310
CHR4	17495580	CHR4:17495580	SSF x LoA	-4,74813872	0,012	0,309
CHR4	17495672	CHR4:17495672	SSF x LoA	-9,81016942	0,083	0,304
CHR4	17495769	CHR4:17495769	SSF x LoA	-9,35832201	0,043	0,313
CHR4	17495862	CHR4:17495862	SSF x LoA	-7,6635078	0,011	0,318
CHR4	17495893	CHR4:17495893	SSF x LoA	-9,59264304	0,058	0,303
CHR4	17500104	CHR4:17500104	SSF x LoA	-9,6922353	-0,111	0,310
CHR4	17500108	CHR4:17500108	SSF x LoA	-9,76294455	0,087	0,290
CHR4	17500124	CHR4:17500124	SSF x LoA	-9,89753944	0,032	0,297
CHR4	17500184	CHR4:17500184	SSF x LoA	-10,2081789	0,063	0,297
CHR4	17500194	CHR4:17500194	SSF x LoA	-8,5073887	0,008	0,318
CHR4	17500228	CHR4:17500228	SSF x LoA	-10,5628219	0,050	0,305
CHR4	17500243	CHR4:17500243	SSF x LoA	-10,9942408	0,059	0,312
CHR4	17500248	CHR4:17500248	SSF x LoA	-10,8451286	0,046	0,320
CHR4	17500255	CHR4:17500255	SSF x LoA	-10,28398	0,018	0,316
CHR4	17500285	CHR4:17500285	SSF x LoA	-11,2821251	0,072	0,312
CHR4	175004	CHR4:175004	SSF x LoA	-8,24765362	0,034	0,301
CHR4	17512365	CHR4:17512365	SSF x LoA	-8,39331311	-0,014	0,312
CHR4	17512677	CHR4:17512677	SSF x LoA	-9,0792219	0,000	0,324
CHR4	17512732	CHR4:17512732	SSF x LoA	-11,0049693	-0,053	0,313
CHR4	17517413	CHR4:17517413	SSF x LoA	-8,3844185	-0,051	0,309
CHR4	17517440	CHR4:17517440	SSF x LoA	-8,1860925	-0,059	0,306
CHR4	17517444	CHR4:17517444	SSF x LoA	-9,4268726	-0,005	0,295
CHR4	17518325	CHR4:17518325	SSF x LoA	-7,79379096	-0,009	0,302
CHR4	17518371	CHR4:17518371	SSF x LoA	-7,11372324	0,190	0,302
CHR4	17518438	CHR4:17518438	SSF x LoA	-7,49232897	-0,125	0,303
CHR4	17528209	CHR4:17528209	SSF x LoA	-11,6477384	-0,011	0,317
CHR4	17528248	CHR4:17528248	SSF x LoA	-10,077313	-0,033	0,310
CHR4	17528273	CHR4:17528273	SSF x LoA	-9,7467636	0,078	0,283
CHR4	17528359	CHR4:17528359	SSF x LoA	-9,64309223	0,010	0,313
CHR4	17528442	CHR4:17528442	SSF x LoA	-10,8855128	0,008	0,327
CHR4	17528505	CHR4:17528505	SSF x LoA	-5,30117216	-0,087	0,304
CHR4	17540165	CHR4:17540165	SSF x LoA	-7,84706632	0,063	0,308
CHR4	17540168	CHR4:17540168	SSF x LoA	-9,67345369	0,000	0,318
CHR4	17540199	CHR4:17540199	SSF x LoA	-8,01399233	0,051	0,306

CHR4	17540254	CHR4:17540254	SSF x LoA	-9,26730073	0,028	0,293
CHR4	17540269	CHR4:17540269	SSF x LoA	-8,49086314	0,036	0,303
CHR4	17540314	CHR4:17540314	SSF x LoA	-12,0396067	-0,011	0,311
CHR4	17540337	CHR4:17540337	SSF x LoA	-10,7132042	0,048	0,318
CHR4	17544541	CHR4:17544541	SSF x LoA	-6,1260361	-0,033	0,309
CHR4	17544552	CHR4:17544552	SSF x LoA	-12,5169712	-0,045	0,295
CHR4	17544609	CHR4:17544609	SSF x LoA	-9,70237332	0,037	0,324
CHR4	17544625	CHR4:17544625	SSF x LoA	-8,71006143	-0,082	0,317
CHR4	17547070	CHR4:17547070	SSF x LoA	-10,2372447	0,035	0,312
CHR4	17547125	CHR4:17547125	SSF x LoA	-8,91755234	-0,022	0,315
CHR4	17547194	CHR4:17547194	SSF x LoA	-10,1112773	0,036	0,315
CHR4	17547220	CHR4:17547220	SSF x LoA	-9,71126427	-0,054	0,308
CHR4	17547306	CHR4:17547306	SSF x LoA	-10,392701	0,027	0,303
CHR4	17555087	CHR4:17555087	SSF x LoA	-7,78005379	0,077	0,309
CHR4	17555145	CHR4:17555145	SSF x LoA	-7,59859538	0,111	0,304
CHR4	17573430	CHR4:17573430	SSF x LoA	-4,7671189	0,092	0,296
CHR4	17573446	CHR4:17573446	SSF x LoA	-7,10002291	-0,192	0,300
CHR4	17575793	CHR4:17575793	SSF x LoA	-7,92401549	0,113	0,318
CHR4	17575957	CHR4:17575957	SSF x LoA	-8,53803845	-0,154	0,304
CHR4	17582902	CHR4:17582902	SSF x LoA	-9,59406599	0,020	0,297
CHR4	17583036	CHR4:17583036	SSF x LoA	-6,20470355	-0,085	0,314
CHR4	17583083	CHR4:17583083	SSF x LoA	-7,08289077	-0,033	0,302
CHR4	17583105	CHR4:17583105	SSF x LoA	-9,96484562	-0,021	0,298
CHR4	17583111	CHR4:17583111	SSF x LoA	-8,97470485	0,125	0,303
CHR4	17585032	CHR4:17585032	SSF x LoA	-11,4674531	-0,049	0,291
CHR4	17587977	CHR4:17587977	SSF x LoA	-11,3310695	0,007	0,303
CHR4	17588270	CHR4:17588270	SSF x LoA	-10,4837197	0,024	0,303
CHR4	17588272	CHR4:17588272	SSF x LoA	-11,6527733	-0,015	0,316
CHR4	17598880	CHR4:17598880	SSF x LoA	-7,95540082	0,039	0,308
CHR4	17598994	CHR4:17598994	SSF x LoA	-9,50271998	-0,020	0,308
CHR4	17599071	CHR4:17599071	SSF x LoA	-7,75837422	0,058	0,332
CHR4	17603909	CHR4:17603909	SSF x LoA	-8,62762266	-0,012	0,308
CHR4	17604165	CHR4:17604165	SSF x LoA	-10,2452208	0,035	0,313
CHR4	17606507	CHR4:17606507	SSF x LoA	-11,9085289	-0,028	0,299
CHR4	17610795	CHR4:17610795	SSF x LoA	-12,5054599	-0,022	0,285
CHR4	17610837	CHR4:17610837	SSF x LoA	-7,5377028	-0,084	0,313
CHR4	17610903	CHR4:17610903	SSF x LoA	-7,08975464	-0,135	0,306
CHR4	17619186	CHR4:17619186	SSF x LoA	-8,49599776	-0,062	0,309
CHR4	17619198	CHR4:17619198	SSF x LoA	-6,1664365	0,069	0,309
CHR4	17619273	CHR4:17619273	SSF x LoA	-7,76026434	-0,062	0,320
CHR4	17619404	CHR4:17619404	SSF x LoA	-7,48890192	0,098	0,305
CHR4	17629071	CHR4:17629071	SSF x LoA	-8,88542423	0,009	0,314
CHR4	17633422	CHR4:17633422	SSF x LoA	-10,9704587	0,071	0,318
CHR4	17638858	CHR4:17638858	SSF x LoA	-10,5598547	-0,044	0,320
CHR4	17638883	CHR4:17638883	SSF x LoA	-9,1340852	-0,106	0,294
CHR4	17650154	CHR4:17650154	SSF x LoA	-10,1022499	-0,005	0,311
CHR4	17650158	CHR4:17650158	SSF x LoA	-10,8323715	0,017	0,306
CHR4	17650174	CHR4:17650174	SSF x LoA	-9,42086056	0,027	0,298
CHR4	17650201	CHR4:17650201	SSF x LoA	-2,94814796	-0,100	0,294
CHR4	17650250	CHR4:17650250	SSF x LoA	-9,04067284	-0,038	0,303
CHR4	17650362	CHR4:17650362	SSF x LoA	-9,28376059	-0,042	0,301
CHR4	1765098	CHR4:1765098	SSF x LoA	-8,81120414	-0,010	0,307
CHR4	1765114	CHR4:1765114	SSF x LoA	-9,86158676	-0,041	0,314

CHR4	17687767	CHR4:17687767	SSF x LoA	-9,19437675	0,030	0,322
CHR4	17709742	CHR4:17709742	SSF x LoA	-8,28104457	0,034	0,289
CHR4	17709765	CHR4:17709765	SSF x LoA	-8,47834097	0,089	0,306
CHR4	1772903	CHR4:1772903	SSF x LoA	-6,95827347	-0,046	0,306
CHR4	17739597	CHR4:17739597	SSF x LoA	-9,4620056	-0,020	0,299
CHR4	17753915	CHR4:17753915	SSF x LoA	-7,57851694	0,023	0,332
CHR4	17753980	CHR4:17753980	SSF x LoA	-6,27035231	-0,015	0,327
CHR4	17754121	CHR4:17754121	SSF x LoA	-8,55652279	-0,018	0,318
CHR4	17754192	CHR4:17754192	SSF x LoA	-7,33331397	-0,002	0,318
CHR4	17754203	CHR4:17754203	SSF x LoA	-4,62498208	-0,016	0,309
CHR4	17754221	CHR4:17754221	SSF x LoA	-6,85962057	0,012	0,320
CHR4	17754252	CHR4:17754252	SSF x LoA	-8,86592623	0,014	0,322
CHR4	17754278	CHR4:17754278	SSF x LoA	-8,51609391	0,007	0,315
CHR4	17754288	CHR4:17754288	SSF x LoA	-9,31332979	0,015	0,319
CHR4	17754337	CHR4:17754337	SSF x LoA	-6,9809371	-0,031	0,323
CHR4	17763188	CHR4:17763188	SSF x LoA	-10,3681689	-0,079	0,328
CHR4	1778486	CHR4:1778486	SSF x LoA	-8,93039334	-0,105	0,318
CHR4	1778514	CHR4:1778514	SSF x LoA	-10,2309731	-0,088	0,306
CHR4	1778550	CHR4:1778550	SSF x LoA	-8,82705531	-0,097	0,300
CHR4	1778633	CHR4:1778633	SSF x LoA	-9,22310742	0,046	0,321
CHR4	1778654	CHR4:1778654	SSF x LoA	-9,68923029	-0,005	0,294
CHR4	1778658	CHR4:1778658	SSF x LoA	-8,8431665	-0,059	0,319
CHR4	1778668	CHR4:1778668	SSF x LoA	-10,42456	-0,079	0,292
CHR4	1778689	CHR4:1778689	SSF x LoA	-9,86019959	0,044	0,322
CHR4	1778700	CHR4:1778700	SSF x LoA	-10,6726045	-0,029	0,298
CHR4	17901675	CHR4:17901675	SSF x LoA	-10,495488	-0,053	0,304
CHR4	1790878	CHR4:1790878	SSF x LoA	-11,135863	0,092	0,317
CHR4	1790885	CHR4:1790885	SSF x LoA	-10,1716197	-0,024	0,303
CHR4	1790911	CHR4:1790911	SSF x LoA	-9,45556602	0,054	0,301
CHR4	1790935	CHR4:1790935	SSF x LoA	-7,34920395	0,079	0,309
CHR4	1790940	CHR4:1790940	SSF x LoA	-10,6998896	0,002	0,320
CHR4	1790968	CHR4:1790968	SSF x LoA	-10,0358916	-0,001	0,306
CHR4	18060282	CHR4:18060282	SSF x LoA	-8,31260124	-0,001	0,331
CHR4	18060311	CHR4:18060311	SSF x LoA	-8,91912001	-0,015	0,318
CHR4	18060391	CHR4:18060391	SSF x LoA	-8,56102003	-0,005	0,312
CHR4	18111621	CHR4:18111621	SSF x LoA	-10,0568102	0,038	0,311
CHR4	1812553	CHR4:1812553	SSF x LoA	-9,82535297	0,131	0,304
CHR4	1813336	CHR4:1813336	SSF x LoA	-8,73781758	0,128	0,293
CHR4	18186166	CHR4:18186166	SSF x LoA	-10,0465817	-0,015	0,299
CHR4	18186177	CHR4:18186177	SSF x LoA	-9,07716324	0,005	0,304
CHR4	18186184	CHR4:18186184	SSF x LoA	-8,40583906	-0,009	0,302
CHR4	18186201	CHR4:18186201	SSF x LoA	-9,46988003	-0,028	0,298
CHR4	18186212	CHR4:18186212	SSF x LoA	-9,78511077	-0,004	0,306
CHR4	18186233	CHR4:18186233	SSF x LoA	-9,46736057	-0,006	0,305
CHR4	18186238	CHR4:18186238	SSF x LoA	-9,77416867	0,009	0,304
CHR4	18186239	CHR4:18186239	SSF x LoA	-10,1880459	0,006	0,311
CHR4	18186278	CHR4:18186278	SSF x LoA	-10,2656649	-0,029	0,310
CHR4	18186288	CHR4:18186288	SSF x LoA	-7,47502637	0,023	0,305
CHR4	18186295	CHR4:18186295	SSF x LoA	-10,0135721	0,003	0,291
CHR4	1819468	CHR4:1819468	SSF x LoA	-9,41614821	-0,028	0,327
CHR4	1819526	CHR4:1819526	SSF x LoA	-6,27226539	0,177	0,311
CHR4	18195768	CHR4:18195768	SSF x LoA	-5,1792409	0,029	0,320
CHR4	18215581	CHR4:18215581	SSF x LoA	-8,87962065	0,098	0,305

CHR4	18269970	CHR4:18269970	SSF x LoA	-8,73005001	-0,008	0,307
CHR4	18269982	CHR4:18269982	SSF x LoA	-4,99426414	-0,028	0,318
CHR4	18270050	CHR4:18270050	SSF x LoA	-9,11281666	-0,010	0,312
CHR4	18321086	CHR4:18321086	SSF x LoA	-9,07359266	-0,032	0,298
CHR4	1834055	CHR4:1834055	SSF x LoA	-8,05430621	0,117	0,309
CHR4	1834129	CHR4:1834129	SSF x LoA	-10,0219446	-0,073	0,293
CHR4	1834213	CHR4:1834213	SSF x LoA	-9,56553917	0,023	0,308
CHR4	1835640	CHR4:1835640	SSF x LoA	-8,26454517	0,136	0,306
CHR4	18368277	CHR4:18368277	SSF x LoA	-8,30131697	0,002	0,319
CHR4	18500644	CHR4:18500644	SSF x LoA	-10,8999792	0,079	0,295
CHR4	185162	CHR4:185162	SSF x LoA	-8,40361814	0,122	0,304
CHR4	18525989	CHR4:18525989	SSF x LoA	-10,4699141	0,155	0,292
CHR4	185278	CHR4:185278	SSF x LoA	-8,20635093	-0,031	0,318
CHR4	18535835	CHR4:18535835	SSF x LoA	-7,523109	0,025	0,303
CHR4	18611947	CHR4:18611947	SSF x LoA	-9,92456424	0,006	0,315
CHR4	18653737	CHR4:18653737	SSF x LoA	-10,9563556	-0,033	0,306
CHR4	18747758	CHR4:18747758	SSF x LoA	-9,51259115	-0,001	0,313
CHR4	18747762	CHR4:18747762	SSF x LoA	-8,79326897	0,002	0,317
CHR4	18747777	CHR4:18747777	SSF x LoA	-8,4441746	-0,008	0,317
CHR4	18747825	CHR4:18747825	SSF x LoA	-9,30177004	0,020	0,311
CHR4	18747833	CHR4:18747833	SSF x LoA	-9,14732456	0,011	0,311
CHR4	18747857	CHR4:18747857	SSF x LoA	-8,23397889	0,004	0,326
CHR4	18747899	CHR4:18747899	SSF x LoA	-9,22236789	0,020	0,305
CHR4	18747906	CHR4:18747906	SSF x LoA	-6,84777579	0,040	0,326
CHR4	18747916	CHR4:18747916	SSF x LoA	-8,67504103	0,009	0,314
CHR4	18747944	CHR4:18747944	SSF x LoA	-5,85690829	0,042	0,324
CHR4	18747988	CHR4:18747988	SSF x LoA	-9,19131892	-0,032	0,314
CHR4	18747992	CHR4:18747992	SSF x LoA	-8,92676021	0,004	0,319
CHR4	18748044	CHR4:18748044	SSF x LoA	-8,12501833	0,014	0,317
CHR4	18748100	CHR4:18748100	SSF x LoA	-9,25032172	-0,002	0,305
CHR4	18748129	CHR4:18748129	SSF x LoA	-8,71629627	0,021	0,326
CHR4	1875451	CHR4:1875451	SSF x LoA	-6,1802947	0,135	0,294
CHR4	1875458	CHR4:1875458	SSF x LoA	-7,90612877	0,163	0,300
CHR4	1875481	CHR4:1875481	SSF x LoA	-8,23961428	0,108	0,308
CHR4	18789614	CHR4:18789614	SSF x LoA	-5,39298809	0,049	0,310
CHR4	18789620	CHR4:18789620	SSF x LoA	-9,23185958	0,015	0,310
CHR4	18789683	CHR4:18789683	SSF x LoA	-8,30538744	0,000	0,313
CHR4	18789693	CHR4:18789693	SSF x LoA	-8,93323809	0,010	0,321
CHR4	18789710	CHR4:18789710	SSF x LoA	-5,28755572	0,011	0,319
CHR4	18795935	CHR4:18795935	SSF x LoA	-8,71505342	-0,013	0,312
CHR4	18795940	CHR4:18795940	SSF x LoA	-9,71208167	0,008	0,308
CHR4	18796011	CHR4:18796011	SSF x LoA	-8,20925541	0,005	0,315
CHR4	18796022	CHR4:18796022	SSF x LoA	-9,11667157	0,011	0,311
CHR4	18796026	CHR4:18796026	SSF x LoA	-8,55826476	0,008	0,326
CHR4	18796032	CHR4:18796032	SSF x LoA	-7,3561685	-0,004	0,311
CHR4	18796058	CHR4:18796058	SSF x LoA	-8,57106138	0,020	0,331
CHR4	18796059	CHR4:18796059	SSF x LoA	-8,27516582	-0,020	0,326
CHR4	18796060	CHR4:18796060	SSF x LoA	-8,81399974	-0,065	0,319
CHR4	18796070	CHR4:18796070	SSF x LoA	-7,87574355	-0,035	0,315
CHR4	18812255	CHR4:18812255	SSF x LoA	-9,82417849	-0,012	0,298
CHR4	18812266	CHR4:18812266	SSF x LoA	-9,74788318	-0,107	0,284
CHR4	18889968	CHR4:18889968	SSF x LoA	-9,634277	0,113	0,315
CHR4	18892433	CHR4:18892433	SSF x LoA	-7,63565865	0,061	0,307

CHR4	18912389	CHR4:18912389	SSF x LoA	-8,41487596	0,143	0,315
CHR4	18970440	CHR4:18970440	SSF x LoA	-7,79063381	0,165	0,307
CHR4	19036926	CHR4:19036926	SSF x LoA	-8,67048257	0,104	0,306
CHR4	1906124	CHR4:1906124	SSF x LoA	-7,5404098	-0,205	0,304
CHR4	1906253	CHR4:1906253	SSF x LoA	-7,52155559	-0,006	0,308
CHR4	19085509	CHR4:19085509	SSF x LoA	-8,2415959	0,038	0,311
CHR4	19153037	CHR4:19153037	SSF x LoA	-10,284469	-0,001	0,320
CHR4	19153064	CHR4:19153064	SSF x LoA	-9,2708292	0,029	0,311
CHR4	19153196	CHR4:19153196	SSF x LoA	-10,5613489	0,030	0,310
CHR4	19153209	CHR4:19153209	SSF x LoA	-10,3169666	0,001	0,307
CHR4	19160186	CHR4:19160186	SSF x LoA	-10,3046477	0,074	0,308
CHR4	19170612	CHR4:19170612	SSF x LoA	-7,49721723	0,047	0,297
CHR4	19170674	CHR4:19170674	SSF x LoA	-8,43684816	0,111	0,294
CHR4	19170698	CHR4:19170698	SSF x LoA	-7,99120758	-0,039	0,308
CHR4	1918133	CHR4:1918133	SSF x LoA	-8,92334248	0,060	0,300
CHR4	1918171	CHR4:1918171	SSF x LoA	-8,11276889	0,079	0,309
CHR4	1919231	CHR4:1919231	SSF x LoA	-10,0439611	-0,005	0,315
CHR4	1919303	CHR4:1919303	SSF x LoA	-7,29939048	0,146	0,305
CHR4	19199664	CHR4:19199664	SSF x LoA	-8,98086322	0,035	0,300
CHR4	19199781	CHR4:19199781	SSF x LoA	-8,6828452	0,030	0,303
CHR4	19207583	CHR4:19207583	SSF x LoA	-10,15525	-0,022	0,314
CHR4	19219680	CHR4:19219680	SSF x LoA	-4,62315798	0,088	0,308
CHR4	19219713	CHR4:19219713	SSF x LoA	-7,76486195	0,085	0,314
CHR4	19225731	CHR4:19225731	SSF x LoA	-6,83396015	-0,081	0,318
CHR4	19257754	CHR4:19257754	SSF x LoA	-10,1164612	0,098	0,304
CHR4	19309221	CHR4:19309221	SSF x LoA	-8,26819885	0,041	0,313
CHR4	1932438	CHR4:1932438	SSF x LoA	-9,28106746	0,035	0,320
CHR4	19373168	CHR4:19373168	SSF x LoA	-8,49357809	-0,036	0,316
CHR4	19382706	CHR4:19382706	SSF x LoA	-8,89446491	-0,107	0,307
CHR4	19382779	CHR4:19382779	SSF x LoA	-3,51004593	-0,054	0,325
CHR4	19387908	CHR4:19387908	SSF x LoA	-4,88047271	-0,198	0,295
CHR4	19387942	CHR4:19387942	SSF x LoA	-11,3187463	0,032	0,307
CHR4	19387954	CHR4:19387954	SSF x LoA	-10,1698009	-0,127	0,303
CHR4	19387958	CHR4:19387958	SSF x LoA	-7,53390422	-0,142	0,304
CHR4	19388131	CHR4:19388131	SSF x LoA	-10,6634208	-0,094	0,298
CHR4	1939653	CHR4:1939653	SSF x LoA	-9,35837185	0,013	0,305
CHR4	1939671	CHR4:1939671	SSF x LoA	-7,8664472	0,145	0,302
CHR4	19404442	CHR4:19404442	SSF x LoA	-9,2412388	-0,069	0,309
CHR4	19404473	CHR4:19404473	SSF x LoA	-4,37607967	-0,127	0,298
CHR4	1940465	CHR4:1940465	SSF x LoA	-10,149355	0,064	0,303
CHR4	1940493	CHR4:1940493	SSF x LoA	-9,27617854	0,010	0,303
CHR4	1940530	CHR4:1940530	SSF x LoA	-8,14784249	0,044	0,312
CHR4	19421554	CHR4:19421554	SSF x LoA	-7,95787235	-0,118	0,306
CHR4	19423533	CHR4:19423533	SSF x LoA	-11,4613422	-0,054	0,306
CHR4	19423581	CHR4:19423581	SSF x LoA	-11,4196091	-0,054	0,296
CHR4	19445503	CHR4:19445503	SSF x LoA	-10,025337	-0,069	0,308
CHR4	19445706	CHR4:19445706	SSF x LoA	-10,1645889	-0,062	0,291
CHR4	19451338	CHR4:19451338	SSF x LoA	-5,99939149	-0,122	0,303
CHR4	19451402	CHR4:19451402	SSF x LoA	-7,32458286	-0,099	0,309
CHR4	19451422	CHR4:19451422	SSF x LoA	-8,72195768	-0,101	0,308
CHR4	19451460	CHR4:19451460	SSF x LoA	-4,31408587	-0,151	0,288
CHR4	19451623	CHR4:19451623	SSF x LoA	-8,35373924	-0,124	0,289
CHR4	19451632	CHR4:19451632	SSF x LoA	-7,80017514	-0,111	0,283

CHR4	19451696	CHR4:19451696	SSF x LoA	-9,16744146	-0,127	0,302
CHR4	19451700	CHR4:19451700	SSF x LoA	-8,17237167	-0,133	0,302
CHR4	19462083	CHR4:19462083	SSF x LoA	-12,1459154	0,015	0,310
CHR4	1949754	CHR4:1949754	SSF x LoA	-9,38928573	0,023	0,307
CHR4	1949755	CHR4:1949755	SSF x LoA	-9,93057503	0,012	0,310
CHR4	1949795	CHR4:1949795	SSF x LoA	-10,9843898	-0,036	0,302
CHR4	1949843	CHR4:1949843	SSF x LoA	-10,2334424	-0,097	0,307
CHR4	1949861	CHR4:1949861	SSF x LoA	-7,90541169	-0,208	0,291
CHR4	1949925	CHR4:1949925	SSF x LoA	-9,3967405	0,008	0,305
CHR4	1949973	CHR4:1949973	SSF x LoA	-10,4939123	0,027	0,297
CHR4	2E+07	CHR4:19508974	SSF x LoA	-9,93307755	-0,090	0,306
CHR4	2E+07	CHR4:19538188	SSF x LoA	-11,0396545	0,075	0,309
CHR4	2E+07	CHR4:19551062	SSF x LoA	-10,1254956	0,025	0,305
CHR4	2E+07	CHR4:19555111	SSF x LoA	-11,7547142	-0,004	0,311
CHR4	2E+07	CHR4:19569037	SSF x LoA	-4,43553198	0,082	0,307
CHR4	2E+07	CHR4:19569161	SSF x LoA	-11,158265	0,072	0,298
CHR4	2E+07	CHR4:19581566	SSF x LoA	-6,53154319	0,064	0,310
CHR4	2E+07	CHR4:19581610	SSF x LoA	-10,4564329	0,022	0,303
CHR4	2E+07	CHR4:19581657	SSF x LoA	-8,74676	0,127	0,298
CHR4	2E+07	CHR4:19592121	SSF x LoA	-11,5384078	-0,004	0,297
CHR4	2E+07	CHR4:19592146	SSF x LoA	-7,939862	0,073	0,308
CHR4	2E+07	CHR4:19596782	SSF x LoA	-9,19467482	-0,028	0,310
CHR4	2E+07	CHR4:19596783	SSF x LoA	-8,8557983	-0,083	0,305
CHR4	2E+07	CHR4:19596831	SSF x LoA	-10,9542398	-0,005	0,303
CHR4	2E+07	CHR4:19596832	SSF x LoA	-8,97622394	-0,035	0,311
CHR4	2E+07	CHR4:19615223	SSF x LoA	-10,767787	0,065	0,306
CHR4	2E+07	CHR4:19622556	SSF x LoA	-10,8468272	-0,045	0,312
CHR4	2E+07	CHR4:19622559	SSF x LoA	-8,14137607	0,039	0,314
CHR4	2E+07	CHR4:19622560	SSF x LoA	-8,72504696	0,033	0,318
CHR4	2E+07	CHR4:19622657	SSF x LoA	-11,4528602	0,039	0,307
CHR4	2E+07	CHR4:19627651	SSF x LoA	-7,90530084	0,043	0,309
CHR4	2E+07	CHR4:19627756	SSF x LoA	-8,71021493	0,036	0,313
CHR4	2E+07	CHR4:19634800	SSF x LoA	-7,82649833	0,120	0,305
CHR4	2E+07	CHR4:19645418	SSF x LoA	-10,9864919	0,010	0,311
CHR4	2E+07	CHR4:19645454	SSF x LoA	-0,94093711	0,178	0,303
CHR4	2E+07	CHR4:19645459	SSF x LoA	-6,78424363	0,194	0,300
CHR4	2E+07	CHR4:19645461	SSF x LoA	-6,24683344	0,187	0,285
CHR4	2E+07	CHR4:19645481	SSF x LoA	-8,20129738	0,042	0,308
CHR4	2E+07	CHR4:19645514	SSF x LoA	-6,1588849	0,231	0,279
CHR4	2E+07	CHR4:19654042	SSF x LoA	-9,26592162	0,054	0,314
CHR4	2E+07	CHR4:19654045	SSF x LoA	-9,45356611	0,053	0,321
CHR4	2E+07	CHR4:19654101	SSF x LoA	-10,1118758	0,046	0,312
CHR4	2E+07	CHR4:19656362	SSF x LoA	-10,7567814	0,011	0,319
CHR4	2E+07	CHR4:19656435	SSF x LoA	-11,0257714	0,040	0,314
CHR4	1966630	CHR4:1966630	SSF x LoA	-8,80909898	-0,054	0,307
CHR4	1966906	CHR4:1966906	SSF x LoA	-8,41860313	-0,141	0,286
CHR4	2E+07	CHR4:19670617	SSF x LoA	-9,05113665	0,112	0,305
CHR4	2E+07	CHR4:19670620	SSF x LoA	-6,45738849	-0,111	0,304
CHR4	2E+07	CHR4:19670644	SSF x LoA	-9,43039444	-0,052	0,308
CHR4	2E+07	CHR4:19670657	SSF x LoA	-11,2039116	-0,025	0,308
CHR4	2E+07	CHR4:19670668	SSF x LoA	-9,29075023	-0,086	0,307
CHR4	2E+07	CHR4:19670682	SSF x LoA	-5,49700624	-0,100	0,292
CHR4	2E+07	CHR4:19670686	SSF x LoA	-9,44561684	-0,009	0,311

CHR4	2E+07	CHR4:19670725	SSF x LoA	-10,0692681	0,022	0,300
CHR4	2E+07	CHR4:19670786	SSF x LoA	-6,25686577	-0,061	0,309
CHR4	2E+07	CHR4:19670814	SSF x LoA	-9,84800682	0,052	0,310
CHR4	2E+07	CHR4:19676387	SSF x LoA	-9,38397127	-0,002	0,311
CHR4	2E+07	CHR4:19676522	SSF x LoA	-11,7812846	0,000	0,315
CHR4	2E+07	CHR4:19676537	SSF x LoA	-8,24536854	0,042	0,315
CHR4	2E+07	CHR4:19676539	SSF x LoA	-8,41156157	0,032	0,303
CHR4	2E+07	CHR4:19676556	SSF x LoA	-8,59157435	0,081	0,307
CHR4	2E+07	CHR4:19676575	SSF x LoA	-8,63941517	0,031	0,314
CHR4	2E+07	CHR4:19679605	SSF x LoA	-7,38648245	0,127	0,300
CHR4	2E+07	CHR4:19679647	SSF x LoA	-4,80709307	0,163	0,298
CHR4	2E+07	CHR4:19679663	SSF x LoA	-8,1424546	0,139	0,304
CHR4	2E+07	CHR4:19679668	SSF x LoA	-2,51968088	0,141	0,299
CHR4	2E+07	CHR4:19679678	SSF x LoA	-3,83290562	0,123	0,294
CHR4	2E+07	CHR4:19680977	SSF x LoA	-10,388881	-0,050	0,304
CHR4	2E+07	CHR4:19680978	SSF x LoA	-9,93180962	-0,039	0,311
CHR4	2E+07	CHR4:19699220	SSF x LoA	-11,5300146	0,032	0,309
CHR4	2E+07	CHR4:19699235	SSF x LoA	-3,76670979	0,234	0,297
CHR4	2E+07	CHR4:19701220	SSF x LoA	-7,60977546	0,121	0,283
CHR4	2E+07	CHR4:19701221	SSF x LoA	-1,5752138	0,108	0,301
CHR4	2E+07	CHR4:19701234	SSF x LoA	-6,81759123	0,141	0,286
CHR4	2E+07	CHR4:19701268	SSF x LoA	-7,2514348	0,105	0,311
CHR4	2E+07	CHR4:19701326	SSF x LoA	-11,1977532	0,030	0,296
CHR4	2E+07	CHR4:19701336	SSF x LoA	-9,4656321	0,036	0,312
CHR4	2E+07	CHR4:19701369	SSF x LoA	-10,5315616	0,020	0,309
CHR4	2E+07	CHR4:19720655	SSF x LoA	-9,76301211	0,082	0,306
CHR4	2E+07	CHR4:19720750	SSF x LoA	-11,11195	0,059	0,300
CHR4	2E+07	CHR4:19720774	SSF x LoA	-10,6710912	0,042	0,311
CHR4	2E+07	CHR4:19720811	SSF x LoA	-8,98029715	0,002	0,311
CHR4	2E+07	CHR4:19720826	SSF x LoA	-9,64692302	-0,021	0,307
CHR4	2E+07	CHR4:19720835	SSF x LoA	-9,91579516	-0,021	0,313
CHR4	2E+07	CHR4:19720837	SSF x LoA	-9,45315569	-0,098	0,316
CHR4	2E+07	CHR4:19720880	SSF x LoA	-7,69373123	-0,110	0,296
CHR4	2E+07	CHR4:19720891	SSF x LoA	-9,65950586	-0,115	0,299
CHR4	2E+07	CHR4:19720943	SSF x LoA	-7,45293063	-0,174	0,309
CHR4	2E+07	CHR4:19720995	SSF x LoA	-8,2284364	0,040	0,334
CHR4	1973435	CHR4:1973435	SSF x LoA	-5,83205387	-0,233	0,300
CHR4	1973498	CHR4:1973498	SSF x LoA	-7,32336757	0,094	0,296
CHR4	1973537	CHR4:1973537	SSF x LoA	-9,86782122	-0,033	0,303
CHR4	1973558	CHR4:1973558	SSF x LoA	1,41633089	0,222	0,291
CHR4	2E+07	CHR4:19735894	SSF x LoA	-10,568015	-0,072	0,316
CHR4	2E+07	CHR4:19735913	SSF x LoA	-10,6642265	-0,028	0,312
CHR4	2E+07	CHR4:19735923	SSF x LoA	-8,30321742	0,003	0,299
CHR4	1973606	CHR4:1973606	SSF x LoA	-10,5926937	0,124	0,302
CHR4	1973628	CHR4:1973628	SSF x LoA	-10,8164455	-0,145	0,311
CHR4	2E+07	CHR4:19737367	SSF x LoA	-9,79671955	-0,004	0,315
CHR4	2E+07	CHR4:19737418	SSF x LoA	-9,53381207	-0,070	0,309
CHR4	2E+07	CHR4:19741821	SSF x LoA	-8,94429508	0,030	0,317
CHR4	2E+07	CHR4:19741834	SSF x LoA	-8,73757296	0,057	0,324
CHR4	2E+07	CHR4:19741841	SSF x LoA	-7,78837489	0,147	0,308
CHR4	2E+07	CHR4:19741842	SSF x LoA	-3,6543698	0,145	0,309
CHR4	2E+07	CHR4:19741850	SSF x LoA	-8,47176815	-0,039	0,316
CHR4	2E+07	CHR4:19741858	SSF x LoA	-2,77789071	0,143	0,316

CHR4	2E+07	CHR4:19741900	SSF x LoA	-9,05564153	-0,016	0,299
CHR4	2E+07	CHR4:19741922	SSF x LoA	-8,67310469	-0,025	0,317
CHR4	2E+07	CHR4:19741930	SSF x LoA	-9,40117871	0,020	0,309
CHR4	2E+07	CHR4:19741933	SSF x LoA	-7,86823982	0,122	0,306
CHR4	2E+07	CHR4:19741935	SSF x LoA	-10,2924916	-0,080	0,308
CHR4	2E+07	CHR4:19742835	SSF x LoA	-10,8334288	0,006	0,307
CHR4	2E+07	CHR4:19742869	SSF x LoA	-8,08924955	-0,026	0,312
CHR4	2E+07	CHR4:19742876	SSF x LoA	-9,75719266	-0,103	0,291
CHR4	2E+07	CHR4:19780085	SSF x LoA	-9,1560523	0,044	0,316
CHR4	2E+07	CHR4:19780217	SSF x LoA	-6,59152784	-0,224	0,286
CHR4	2E+07	CHR4:19780255	SSF x LoA	-9,87038794	-0,113	0,303
CHR4	2E+07	CHR4:19780272	SSF x LoA	-9,35202459	0,026	0,297
CHR4	2E+07	CHR4:19780281	SSF x LoA	-9,14091176	-0,069	0,283
CHR4	2E+07	CHR4:19780293	SSF x LoA	-10,4112537	0,067	0,311
CHR4	2E+07	CHR4:19780345	SSF x LoA	-10,9688312	0,034	0,311
CHR4	2E+07	CHR4:19783045	SSF x LoA	-9,25594732	-0,028	0,292
CHR4	2E+07	CHR4:19783150	SSF x LoA	-7,99501492	0,025	0,301
CHR4	2E+07	CHR4:19783157	SSF x LoA	-10,7196385	-0,121	0,306
CHR4	2E+07	CHR4:19785933	SSF x LoA	-10,6256201	-0,090	0,308
CHR4	2E+07	CHR4:19785953	SSF x LoA	-8,48577186	0,097	0,306
CHR4	2E+07	CHR4:19787444	SSF x LoA	-10,8890099	-0,027	0,316
CHR4	2E+07	CHR4:19787584	SSF x LoA	-10,0643331	-0,049	0,318
CHR4	1979360	CHR4:1979360	SSF x LoA	-6,55400436	0,075	0,302
CHR4	1979625	CHR4:1979625	SSF x LoA	-11,2719342	0,083	0,294
CHR4	2E+07	CHR4:19803066	SSF x LoA	-7,93018597	0,158	0,301
CHR4	2E+07	CHR4:19803073	SSF x LoA	-6,33315087	0,202	0,306
CHR4	2E+07	CHR4:19803074	SSF x LoA	-5,31478147	0,187	0,300
CHR4	2E+07	CHR4:19813654	SSF x LoA	-9,90591755	0,054	0,304
CHR4	2E+07	CHR4:19813660	SSF x LoA	-11,4367184	-0,038	0,296
CHR4	2E+07	CHR4:19813664	SSF x LoA	-8,44280499	0,058	0,305
CHR4	2E+07	CHR4:19813670	SSF x LoA	-10,3165808	-0,044	0,312
CHR4	2E+07	CHR4:19813693	SSF x LoA	-11,8638817	-0,031	0,296
CHR4	2E+07	CHR4:19813762	SSF x LoA	-12,3013226	-0,099	0,283
CHR4	2E+07	CHR4:19815561	SSF x LoA	-8,93682032	-0,050	0,305
CHR4	2E+07	CHR4:19815602	SSF x LoA	-10,2944203	-0,124	0,306
CHR4	2E+07	CHR4:19837463	SSF x LoA	-6,81021361	0,017	0,296
CHR4	2E+07	CHR4:19837485	SSF x LoA	-5,8281548	0,016	0,314
CHR4	2E+07	CHR4:19837515	SSF x LoA	-8,0540532	-0,108	0,286
CHR4	2E+07	CHR4:19837519	SSF x LoA	-7,32142831	-0,127	0,274
CHR4	2E+07	CHR4:19837744	SSF x LoA	-8,24986841	-0,137	0,287
CHR4	2E+07	CHR4:19837770	SSF x LoA	-6,52657879	-0,171	0,291
CHR4	2E+07	CHR4:19844166	SSF x LoA	-8,40680798	0,003	0,300
CHR4	2E+07	CHR4:19844172	SSF x LoA	-7,70778196	0,079	0,300
CHR4	2E+07	CHR4:19844242	SSF x LoA	-8,21359698	0,010	0,305
CHR4	2E+07	CHR4:19844271	SSF x LoA	-8,80485024	0,010	0,306
CHR4	2E+07	CHR4:19844274	SSF x LoA	-11,5439759	-0,074	0,299
CHR4	2E+07	CHR4:19862748	SSF x LoA	3,77610993	-0,038	0,321
CHR4	2E+07	CHR4:19867091	SSF x LoA	-8,56105382	-0,044	0,294
CHR4	2E+07	CHR4:19867105	SSF x LoA	-8,53057797	0,028	0,330
CHR4	2E+07	CHR4:19867207	SSF x LoA	-7,69563361	-0,076	0,301
CHR4	2E+07	CHR4:19867214	SSF x LoA	-9,55347417	-0,061	0,309
CHR4	2E+07	CHR4:19868768	SSF x LoA	-8,29998211	-0,101	0,298
CHR4	2E+07	CHR4:19869359	SSF x LoA	-8,64462476	0,024	0,315

CHR4	2E+07	CHR4:19869416	SSF x LoA	-6,70811084	-0,026	0,314
CHR4	2E+07	CHR4:19870837	SSF x LoA	-8,21759892	0,058	0,322
CHR4	2E+07	CHR4:19870847	SSF x LoA	-9,19963475	0,074	0,302
CHR4	2E+07	CHR4:19870870	SSF x LoA	-9,43356416	0,052	0,309
CHR4	2E+07	CHR4:19870918	SSF x LoA	-8,74955541	0,042	0,295
CHR4	2E+07	CHR4:19877863	SSF x LoA	-6,22131518	-0,135	0,310
CHR4	2E+07	CHR4:19877881	SSF x LoA	-8,25678054	0,009	0,304
CHR4	2E+07	CHR4:19877974	SSF x LoA	-7,31561174	-0,013	0,303
CHR4	2E+07	CHR4:19878132	SSF x LoA	-5,97609932	-0,148	0,303
CHR4	2E+07	CHR4:19894724	SSF x LoA	-8,02125003	-0,108	0,307
CHR4	2E+07	CHR4:19899746	SSF x LoA	5,95655025	0,120	0,311
CHR4	2E+07	CHR4:19899748	SSF x LoA	-8,09493357	0,052	0,319
CHR4	2E+07	CHR4:19899751	SSF x LoA	-8,29474749	-0,115	0,298
CHR4	2E+07	CHR4:19899753	SSF x LoA	-2,31444535	-0,117	0,300
CHR4	2E+07	CHR4:19899776	SSF x LoA	-7,7781053	-0,088	0,306
CHR4	2E+07	CHR4:19922993	SSF x LoA	-5,93855863	0,042	0,305
CHR4	2E+07	CHR4:19929562	SSF x LoA	-10,7293267	-0,093	0,305
CHR4	1993393	CHR4:1993393	SSF x LoA	-6,67011562	-0,092	0,296
CHR4	1993428	CHR4:1993428	SSF x LoA	-7,9026415	0,070	0,301
CHR4	2E+07	CHR4:19939169	SSF x LoA	-9,56032667	0,036	0,294
CHR4	2E+07	CHR4:19942764	SSF x LoA	-11,3557741	0,050	0,303
CHR4	2E+07	CHR4:19942776	SSF x LoA	-11,4388529	0,017	0,321
CHR4	2E+07	CHR4:19942781	SSF x LoA	-7,09306195	-0,012	0,294
CHR4	2E+07	CHR4:19942797	SSF x LoA	-8,91808807	-0,063	0,302
CHR4	2E+07	CHR4:19942815	SSF x LoA	-9,97476045	0,017	0,305
CHR4	2E+07	CHR4:19972254	SSF x LoA	-9,62295317	-0,094	0,299
CHR4	2E+07	CHR4:19972270	SSF x LoA	-9,26686055	0,147	0,299
CHR4	1997556	CHR4:1997556	SSF x LoA	-9,61887306	0,032	0,308
CHR4	1997563	CHR4:1997563	SSF x LoA	-8,29775845	0,012	0,313
CHR4	2E+07	CHR4:19979569	SSF x LoA	3,36080971	-0,051	0,307
CHR4	2E+07	CHR4:19979577	SSF x LoA	-7,87119389	-0,049	0,314
CHR4	2E+07	CHR4:19979591	SSF x LoA	-6,36357802	-0,044	0,317
CHR4	2E+07	CHR4:19996855	SSF x LoA	-8,4714575	0,094	0,300
CHR4	2E+07	CHR4:19996945	SSF x LoA	-7,13049245	-0,116	0,297
CHR4	2E+07	CHR4:20006020	SSF x LoA	-8,69516176	0,127	0,299
CHR4	2E+07	CHR4:20017484	SSF x LoA	-10,2636995	0,036	0,310
CHR4	2E+07	CHR4:20027653	SSF x LoA	-11,4664779	-0,048	0,290
CHR4	2E+07	CHR4:20027655	SSF x LoA	-10,470703	0,000	0,318
CHR4	2E+07	CHR4:20027739	SSF x LoA	-8,0888941	-0,072	0,308
CHR4	2E+07	CHR4:20027927	SSF x LoA	-10,2116861	-0,040	0,311
CHR4	2E+07	CHR4:20041159	SSF x LoA	-10,5544336	-0,058	0,304
CHR4	2E+07	CHR4:20041333	SSF x LoA	-9,07734952	0,010	0,321
CHR4	2E+07	CHR4:20045643	SSF x LoA	-10,0210904	0,023	0,319
CHR4	2E+07	CHR4:20045849	SSF x LoA	-10,0017727	-0,067	0,313
CHR4	2E+07	CHR4:20047209	SSF x LoA	-9,32048352	-0,003	0,316
CHR4	2E+07	CHR4:20047258	SSF x LoA	-10,9653157	0,044	0,301
CHR4	2E+07	CHR4:20053863	SSF x LoA	-10,0316123	0,050	0,309
CHR4	2E+07	CHR4:20053882	SSF x LoA	-5,49473008	-0,074	0,313
CHR4	2E+07	CHR4:20053890	SSF x LoA	-8,41929583	-0,093	0,309
CHR4	2E+07	CHR4:20053902	SSF x LoA	-8,25569445	0,093	0,313
CHR4	2E+07	CHR4:20053944	SSF x LoA	-7,82386046	0,096	0,308
CHR4	2E+07	CHR4:20053966	SSF x LoA	-7,60927215	0,132	0,305
CHR4	2E+07	CHR4:20054175	SSF x LoA	-10,171617	0,101	0,313

CHR4	2E+07	CHR4:20054196	SSF x LoA	-9,17211639	-0,040	0,291
CHR4	2E+07	CHR4:20060874	SSF x LoA	-8,81334312	-0,005	0,285
CHR4	2E+07	CHR4:20060954	SSF x LoA	-9,75577024	-0,036	0,310
CHR4	2E+07	CHR4:20060979	SSF x LoA	-10,7944424	0,068	0,300
CHR4	2E+07	CHR4:20061132	SSF x LoA	-9,89670641	-0,046	0,300
CHR4	2E+07	CHR4:20075867	SSF x LoA	0,98630121	0,319	0,259
CHR4	2E+07	CHR4:20075895	SSF x LoA	-6,15816533	0,204	0,295
CHR4	2E+07	CHR4:20077265	SSF x LoA	0,09956324	0,215	0,287
CHR4	2E+07	CHR4:20077327	SSF x LoA	-7,62472129	0,065	0,315
CHR4	2E+07	CHR4:20077352	SSF x LoA	-7,58466836	0,101	0,329
CHR4	2E+07	CHR4:20077372	SSF x LoA	-5,24292134	-0,147	0,308
CHR4	2E+07	CHR4:20077374	SSF x LoA	-6,14064943	0,091	0,308
CHR4	2E+07	CHR4:20077387	SSF x LoA	-9,37309378	-0,103	0,303
CHR4	2E+07	CHR4:20077388	SSF x LoA	-10,2936009	-0,072	0,306
CHR4	2E+07	CHR4:20077400	SSF x LoA	-7,69415073	-0,087	0,298
CHR4	2E+07	CHR4:20077401	SSF x LoA	-8,82204671	0,061	0,314
CHR4	2E+07	CHR4:20077421	SSF x LoA	-8,89219977	0,074	0,301
CHR4	2E+07	CHR4:20083725	SSF x LoA	-6,33987084	-0,075	0,304
CHR4	2E+07	CHR4:20083734	SSF x LoA	-8,66173133	0,102	0,308
CHR4	2E+07	CHR4:20083771	SSF x LoA	-9,38599095	-0,054	0,303
CHR4	2E+07	CHR4:20084504	SSF x LoA	-8,14486857	-0,059	0,307
CHR4	2E+07	CHR4:20084567	SSF x LoA	-11,3866357	-0,014	0,298
CHR4	2E+07	CHR4:20084644	SSF x LoA	1,67932252	-0,196	0,299
CHR4	2E+07	CHR4:20084683	SSF x LoA	-9,49297375	-0,096	0,303
CHR4	2E+07	CHR4:20084691	SSF x LoA	-9,44390939	-0,102	0,316
CHR4	2E+07	CHR4:20084725	SSF x LoA	-7,66182976	-0,156	0,294
CHR4	2E+07	CHR4:20093694	SSF x LoA	-11,2565082	0,016	0,306
CHR4	2E+07	CHR4:20093748	SSF x LoA	-9,85812925	0,066	0,313
CHR4	2E+07	CHR4:20109714	SSF x LoA	-7,22632466	0,085	0,302
CHR4	2E+07	CHR4:20109715	SSF x LoA	-7,96994242	0,086	0,312
CHR4	2E+07	CHR4:20109774	SSF x LoA	-9,58128576	0,071	0,304
CHR4	2E+07	CHR4:20109791	SSF x LoA	-11,1633874	-0,008	0,301
CHR4	2E+07	CHR4:20109847	SSF x LoA	-10,5158961	0,050	0,311
CHR4	2E+07	CHR4:20109953	SSF x LoA	-9,89676824	-0,033	0,311
CHR4	2E+07	CHR4:20127752	SSF x LoA	-3,71784614	-0,135	0,312
CHR4	2E+07	CHR4:20127771	SSF x LoA	-5,67913736	-0,163	0,295
CHR4	2E+07	CHR4:20127798	SSF x LoA	-10,7954197	0,052	0,312
CHR4	2E+07	CHR4:20129000	SSF x LoA	-7,0710092	-0,042	0,319
CHR4	2E+07	CHR4:20129027	SSF x LoA	-7,57621207	0,100	0,318
CHR4	2E+07	CHR4:20129054	SSF x LoA	-11,4392363	-0,025	0,304
CHR4	2E+07	CHR4:20129115	SSF x LoA	-11,074058	-0,020	0,300
CHR4	2013252	CHR4:2013252	SSF x LoA	-9,28109355	0,023	0,305
CHR4	2013326	CHR4:2013326	SSF x LoA	-10,78056	-0,074	0,316
CHR4	2013328	CHR4:2013328	SSF x LoA	-11,6117624	-0,086	0,298
CHR4	2013329	CHR4:2013329	SSF x LoA	-6,33291529	0,091	0,293
CHR4	2E+07	CHR4:20136715	SSF x LoA	-7,48798724	0,020	0,310
CHR4	2E+07	CHR4:20136755	SSF x LoA	-8,62359896	0,045	0,299
CHR4	2E+07	CHR4:20136905	SSF x LoA	-7,87110419	0,025	0,314
CHR4	2E+07	CHR4:20145480	SSF x LoA	-9,24888124	-0,085	0,307
CHR4	2E+07	CHR4:20145586	SSF x LoA	-9,64197914	0,083	0,298
CHR4	2E+07	CHR4:20145591	SSF x LoA	-10,4701556	0,018	0,305
CHR4	2E+07	CHR4:20151172	SSF x LoA	-7,58136748	0,074	0,300
CHR4	2E+07	CHR4:20156789	SSF x LoA	-3,16738794	0,173	0,301

CHR4	2E+07	CHR4:20156904	SSF x LoA	-4,57337952	0,108	0,312
CHR4	2016154	CHR4:2016154	SSF x LoA	-9,01164538	-0,031	0,301
CHR4	2016224	CHR4:2016224	SSF x LoA	-7,61283909	0,116	0,307
CHR4	2016228	CHR4:2016228	SSF x LoA	-6,27633398	0,127	0,307
CHR4	2016237	CHR4:2016237	SSF x LoA	-10,2627044	0,068	0,300
CHR4	2E+07	CHR4:20170522	SSF x LoA	-9,4153068	-0,059	0,308
CHR4	2E+07	CHR4:20189966	SSF x LoA	-9,20980798	0,056	0,309
CHR4	2E+07	CHR4:20190016	SSF x LoA	-6,31503058	-0,208	0,283
CHR4	2E+07	CHR4:20190026	SSF x LoA	-4,55750396	-0,196	0,291
CHR4	2E+07	CHR4:20190041	SSF x LoA	-2,106889	-0,208	0,281
CHR4	2E+07	CHR4:20190060	SSF x LoA	-1,49287064	-0,209	0,275
CHR4	2E+07	CHR4:20190081	SSF x LoA	-5,14834454	-0,195	0,280
CHR4	2019012	CHR4:2019012	SSF x LoA	-9,09088819	0,001	0,315
CHR4	2019056	CHR4:2019056	SSF x LoA	-10,9677845	0,049	0,302
CHR4	2019061	CHR4:2019061	SSF x LoA	-9,57172758	0,062	0,316
CHR4	2019646	CHR4:2019646	SSF x LoA	-9,65059813	-0,150	0,314
CHR4	2019672	CHR4:2019672	SSF x LoA	-11,5889055	0,018	0,312
CHR4	2019673	CHR4:2019673	SSF x LoA	-9,4184245	0,073	0,304
CHR4	2E+07	CHR4:20229964	SSF x LoA	-9,57868939	-0,014	0,314
CHR4	2E+07	CHR4:20232398	SSF x LoA	-11,4793379	0,045	0,298
CHR4	2E+07	CHR4:20242444	SSF x LoA	-9,99453344	0,002	0,322
CHR4	2E+07	CHR4:20242556	SSF x LoA	-7,66787406	-0,122	0,305
CHR4	2E+07	CHR4:20242558	SSF x LoA	-9,96895351	-0,086	0,299
CHR4	2E+07	CHR4:20242628	SSF x LoA	-9,12668344	-0,123	0,312
CHR4	2E+07	CHR4:20242650	SSF x LoA	-11,51891	0,008	0,306
CHR4	2E+07	CHR4:20257064	SSF x LoA	-5,60070123	0,145	0,291
CHR4	2E+07	CHR4:20276652	SSF x LoA	-7,02431773	0,129	0,310
CHR4	2E+07	CHR4:20276694	SSF x LoA	-8,47587559	0,022	0,321
CHR4	2E+07	CHR4:20276856	SSF x LoA	-9,64572582	0,114	0,312
CHR4	2E+07	CHR4:20276865	SSF x LoA	-6,54742454	-0,177	0,284
CHR4	2E+07	CHR4:20289670	SSF x LoA	-10,1355205	0,012	0,308
CHR4	2E+07	CHR4:20289676	SSF x LoA	-10,6346761	0,014	0,296
CHR4	2E+07	CHR4:20289718	SSF x LoA	-10,0804355	-0,064	0,286
CHR4	2E+07	CHR4:20289757	SSF x LoA	-8,31613718	0,074	0,315
CHR4	2E+07	CHR4:20289899	SSF x LoA	-10,6544971	-0,037	0,308
CHR4	2E+07	CHR4:20289911	SSF x LoA	-7,4417237	0,145	0,288
CHR4	2E+07	CHR4:20295170	SSF x LoA	-11,0036752	0,134	0,314
CHR4	2E+07	CHR4:20295254	SSF x LoA	-9,78929294	0,036	0,296
CHR4	2E+07	CHR4:20295312	SSF x LoA	-5,00936193	-0,062	0,305
CHR4	2E+07	CHR4:20300198	SSF x LoA	-9,61011648	-0,047	0,315
CHR4	2E+07	CHR4:20300256	SSF x LoA	-8,32977649	0,051	0,308
CHR4	2E+07	CHR4:20300353	SSF x LoA	-11,4174004	0,109	0,299
CHR4	2E+07	CHR4:20313830	SSF x LoA	-8,7591937	0,004	0,304
CHR4	2E+07	CHR4:20313865	SSF x LoA	-9,25445094	0,044	0,307
CHR4	2E+07	CHR4:20313902	SSF x LoA	-9,6392477	0,039	0,305
CHR4	2E+07	CHR4:20313908	SSF x LoA	-10,7313546	-0,082	0,319
CHR4	2E+07	CHR4:20313935	SSF x LoA	-10,5211973	0,032	0,307
CHR4	2E+07	CHR4:20313968	SSF x LoA	-8,10265058	-0,103	0,314
CHR4	2E+07	CHR4:20313971	SSF x LoA	-8,74704482	0,007	0,308
CHR4	2E+07	CHR4:20313974	SSF x LoA	-7,95152861	-0,002	0,311
CHR4	2E+07	CHR4:20313995	SSF x LoA	-9,26032901	0,012	0,305
CHR4	2E+07	CHR4:20314022	SSF x LoA	-8,9515613	0,009	0,312
CHR4	2E+07	CHR4:20315944	SSF x LoA	-8,09951762	0,093	0,310

CHR4	2E+07	CHR4:20315953	SSF x LoA	-9,48555782	0,062	0,321
CHR4	2E+07	CHR4:20326696	SSF x LoA	-11,2481526	0,063	0,298
CHR4	2E+07	CHR4:20326771	SSF x LoA	-7,39503555	-0,054	0,302
CHR4	2E+07	CHR4:20328590	SSF x LoA	-11,6511933	0,023	0,305
CHR4	2E+07	CHR4:20328611	SSF x LoA	-11,5271389	0,056	0,310
CHR4	2E+07	CHR4:20328653	SSF x LoA	-9,75629904	0,066	0,307
CHR4	2E+07	CHR4:20332139	SSF x LoA	-6,86864453	-0,067	0,304
CHR4	2E+07	CHR4:20337204	SSF x LoA	-10,4476344	0,014	0,300
CHR4	2E+07	CHR4:20338973	SSF x LoA	-10,7527684	-0,025	0,304
CHR4	2E+07	CHR4:20339014	SSF x LoA	-10,1377734	0,018	0,318
CHR4	2E+07	CHR4:20343070	SSF x LoA	-11,5174361	-0,013	0,313
CHR4	2E+07	CHR4:20343071	SSF x LoA	-12,0213155	-0,027	0,297
CHR4	2E+07	CHR4:20348936	SSF x LoA	-8,75215835	0,016	0,313
CHR4	2E+07	CHR4:20348937	SSF x LoA	-9,28651583	0,042	0,308
CHR4	2E+07	CHR4:20350458	SSF x LoA	-3,67957392	0,055	0,307
CHR4	2E+07	CHR4:20350467	SSF x LoA	-11,4293536	0,029	0,293
CHR4	2E+07	CHR4:20363711	SSF x LoA	-9,85899066	0,010	0,313
CHR4	2E+07	CHR4:20366281	SSF x LoA	-10,8849102	-0,037	0,307
CHR4	2E+07	CHR4:20366301	SSF x LoA	-9,77823795	-0,042	0,322
CHR4	2E+07	CHR4:20375899	SSF x LoA	-10,1369941	-0,084	0,316
CHR4	2E+07	CHR4:20375954	SSF x LoA	-10,7582149	0,029	0,315
CHR4	2E+07	CHR4:20376156	SSF x LoA	-8,87153639	0,021	0,293
CHR4	2038338	CHR4:2038338	SSF x LoA	-9,39802282	-0,084	0,302
CHR4	2038345	CHR4:2038345	SSF x LoA	-3,8984749	-0,014	0,320
CHR4	2E+07	CHR4:20383819	SSF x LoA	-8,83756987	-0,075	0,299
CHR4	2E+07	CHR4:20383843	SSF x LoA	-10,0311817	0,042	0,291
CHR4	2E+07	CHR4:20384002	SSF x LoA	-8,68207312	0,090	0,293
CHR4	2E+07	CHR4:20384113	SSF x LoA	-9,34583103	0,073	0,306
CHR4	2E+07	CHR4:20395078	SSF x LoA	-6,62400971	-0,069	0,298
CHR4	2E+07	CHR4:20395197	SSF x LoA	-10,230344	-0,008	0,325
CHR4	2E+07	CHR4:20411050	SSF x LoA	-10,2089425	-0,073	0,304
CHR4	2E+07	CHR4:20421167	SSF x LoA	-9,63730601	-0,045	0,316
CHR4	2E+07	CHR4:20421257	SSF x LoA	-10,2720514	-0,071	0,309
CHR4	2E+07	CHR4:20421284	SSF x LoA	-12,2219673	-0,013	0,300
CHR4	2E+07	CHR4:20421288	SSF x LoA	-7,79180611	-0,174	0,296
CHR4	2E+07	CHR4:20421308	SSF x LoA	-9,64627863	-0,071	0,316
CHR4	2E+07	CHR4:20421309	SSF x LoA	-9,31044058	0,008	0,298
CHR4	2E+07	CHR4:20421314	SSF x LoA	-7,19756423	0,121	0,317
CHR4	2E+07	CHR4:20423779	SSF x LoA	-11,8143216	-0,013	0,299
CHR4	2E+07	CHR4:20423854	SSF x LoA	-6,87196117	-0,078	0,301
CHR4	2E+07	CHR4:20423873	SSF x LoA	-10,4125912	0,029	0,315
CHR4	2E+07	CHR4:20424883	SSF x LoA	-10,6966952	-0,002	0,296
CHR4	2E+07	CHR4:20424890	SSF x LoA	-9,46803999	0,035	0,306
CHR4	2E+07	CHR4:20424892	SSF x LoA	-10,6028969	0,007	0,283
CHR4	2E+07	CHR4:20424894	SSF x LoA	-8,98182884	-0,021	0,311
CHR4	2E+07	CHR4:20424931	SSF x LoA	-7,91941646	-0,107	0,302
CHR4	2E+07	CHR4:20434800	SSF x LoA	-9,20875041	0,028	0,323
CHR4	2E+07	CHR4:20448360	SSF x LoA	-10,9657018	0,100	0,305
CHR4	2E+07	CHR4:20448411	SSF x LoA	-8,20860627	-0,084	0,291
CHR4	2E+07	CHR4:20449053	SSF x LoA	-9,06991204	-0,003	0,314
CHR4	2E+07	CHR4:20449135	SSF x LoA	-7,61220574	0,158	0,299
CHR4	2E+07	CHR4:20449159	SSF x LoA	-0,72259282	0,053	0,305
CHR4	2E+07	CHR4:20452807	SSF x LoA	-9,76392832	0,057	0,310

CHR4	2E+07	CHR4:20452808	SSF x LoA	-9,13974577	0,000	0,306
CHR4	2E+07	CHR4:20452841	SSF x LoA	-6,95526981	-0,020	0,313
CHR4	2E+07	CHR4:20452851	SSF x LoA	-10,0920774	-0,003	0,313
CHR4	2E+07	CHR4:20454184	SSF x LoA	-11,3536713	0,043	0,304
CHR4	2E+07	CHR4:20454192	SSF x LoA	-8,84732373	0,008	0,311
CHR4	2E+07	CHR4:20454278	SSF x LoA	-7,67278037	0,005	0,314
CHR4	2E+07	CHR4:20454304	SSF x LoA	-8,33857518	-0,090	0,306
CHR4	2E+07	CHR4:20454310	SSF x LoA	-10,7023113	0,028	0,319
CHR4	2E+07	CHR4:20454327	SSF x LoA	-9,57388401	0,067	0,304
CHR4	2E+07	CHR4:20461862	SSF x LoA	-9,49035168	0,134	0,305
CHR4	2E+07	CHR4:20461901	SSF x LoA	-8,40998433	0,063	0,315
CHR4	2E+07	CHR4:20462081	SSF x LoA	-9,43238744	-0,061	0,326
CHR4	2E+07	CHR4:20477709	SSF x LoA	-9,30487008	0,025	0,305
CHR4	2E+07	CHR4:20479795	SSF x LoA	-9,15959349	0,086	0,311
CHR4	2E+07	CHR4:20479804	SSF x LoA	-9,95532369	0,067	0,312
CHR4	2E+07	CHR4:20479888	SSF x LoA	-10,1870587	0,080	0,298
CHR4	2048290	CHR4:2048290	SSF x LoA	-5,90602887	0,008	0,317
CHR4	2E+07	CHR4:20489657	SSF x LoA	-9,5774092	-0,075	0,309
CHR4	20500314	CHR4:20500314	SSF x LoA	-1,31729361	0,122	0,306
CHR4	20500337	CHR4:20500337	SSF x LoA	-8,56038047	0,128	0,312
CHR4	20500338	CHR4:20500338	SSF x LoA	-9,08243017	0,142	0,297
CHR4	20500339	CHR4:20500339	SSF x LoA	-8,65968608	0,091	0,316
CHR4	20500360	CHR4:20500360	SSF x LoA	-8,52989661	-0,059	0,313
CHR4	20500398	CHR4:20500398	SSF x LoA	-11,6656888	-0,001	0,312
CHR4	20503328	CHR4:20503328	SSF x LoA	-7,99585451	-0,020	0,307
CHR4	20503363	CHR4:20503363	SSF x LoA	-10,4333745	-0,020	0,317
CHR4	20503448	CHR4:20503448	SSF x LoA	-8,30845395	-0,009	0,301
CHR4	20513323	CHR4:20513323	SSF x LoA	-7,74707449	0,018	0,297
CHR4	20513382	CHR4:20513382	SSF x LoA	-6,73268009	-0,083	0,290
CHR4	20513503	CHR4:20513503	SSF x LoA	-7,24407524	0,118	0,293
CHR4	20513550	CHR4:20513550	SSF x LoA	-4,29433902	0,063	0,305
CHR4	20518744	CHR4:20518744	SSF x LoA	12,384508	0,131	0,307
CHR4	20518751	CHR4:20518751	SSF x LoA	-9,88057721	-0,031	0,308
CHR4	20518774	CHR4:20518774	SSF x LoA	-8,90446367	-0,005	0,294
CHR4	20518788	CHR4:20518788	SSF x LoA	-10,7351175	0,033	0,304
CHR4	20518808	CHR4:20518808	SSF x LoA	-9,04494686	0,073	0,303
CHR4	20523762	CHR4:20523762	SSF x LoA	-10,9171539	0,033	0,297
CHR4	2052406	CHR4:2052406	SSF x LoA	-10,9268748	0,061	0,304
CHR4	2052480	CHR4:2052480	SSF x LoA	-11,154462	-0,018	0,294
CHR4	2052488	CHR4:2052488	SSF x LoA	-9,16117422	-0,026	0,305
CHR4	2052490	CHR4:2052490	SSF x LoA	-7,74063269	-0,127	0,313
CHR4	2052499	CHR4:2052499	SSF x LoA	-8,56195954	0,010	0,298
CHR4	2053656	CHR4:2053656	SSF x LoA	-9,8455954	0,082	0,315
CHR4	20537013	CHR4:20537013	SSF x LoA	-5,95254953	0,091	0,316
CHR4	20537034	CHR4:20537034	SSF x LoA	-8,05216056	0,103	0,311
CHR4	20537036	CHR4:20537036	SSF x LoA	-8,91986958	-0,052	0,308
CHR4	20537058	CHR4:20537058	SSF x LoA	-9,69948455	0,006	0,316
CHR4	20537077	CHR4:20537077	SSF x LoA	-8,0538977	0,081	0,312
CHR4	20537086	CHR4:20537086	SSF x LoA	-7,43060845	0,103	0,314
CHR4	2053891	CHR4:2053891	SSF x LoA	-9,00518165	-0,065	0,298
CHR4	20547129	CHR4:20547129	SSF x LoA	-7,10194337	0,058	0,316
CHR4	20547189	CHR4:20547189	SSF x LoA	-10,7006855	-0,025	0,307
CHR4	20549393	CHR4:20549393	SSF x LoA	-9,87514856	0,013	0,310

CHR4	20549401	CHR4:20549401	SSF x LoA	-10,8663094	0,015	0,301
CHR4	20549417	CHR4:20549417	SSF x LoA	-10,2454542	0,030	0,311
CHR4	20549492	CHR4:20549492	SSF x LoA	-10,7793146	-0,001	0,314
CHR4	20549495	CHR4:20549495	SSF x LoA	-10,864443	0,038	0,315
CHR4	20556010	CHR4:20556010	SSF x LoA	-9,14203335	-0,004	0,291
CHR4	20556115	CHR4:20556115	SSF x LoA	-10,1289533	0,046	0,301
CHR4	20568155	CHR4:20568155	SSF x LoA	-8,44473157	0,106	0,318
CHR4	20568193	CHR4:20568193	SSF x LoA	-11,1714491	-0,004	0,303
CHR4	20569732	CHR4:20569732	SSF x LoA	-9,08300422	-0,042	0,302
CHR4	20569788	CHR4:20569788	SSF x LoA	-9,42193787	-0,016	0,287
CHR4	20569906	CHR4:20569906	SSF x LoA	-4,60403365	0,029	0,312
CHR4	20576601	CHR4:20576601	SSF x LoA	-9,41790019	-0,039	0,309
CHR4	20576603	CHR4:20576603	SSF x LoA	2,35803872	-0,052	0,302
CHR4	20576605	CHR4:20576605	SSF x LoA	-7,9927032	-0,073	0,322
CHR4	20576606	CHR4:20576606	SSF x LoA	-5,86444091	-0,053	0,304
CHR4	20576611	CHR4:20576611	SSF x LoA	-9,75156908	-0,064	0,291
CHR4	20576614	CHR4:20576614	SSF x LoA	-9,32218941	-0,052	0,298
CHR4	20576616	CHR4:20576616	SSF x LoA	-9,79317873	0,005	0,311
CHR4	20576617	CHR4:20576617	SSF x LoA	-9,6877476	-0,083	0,309
CHR4	20576618	CHR4:20576618	SSF x LoA	-9,99876524	-0,046	0,300
CHR4	20576645	CHR4:20576645	SSF x LoA	-10,1453353	-0,091	0,303
CHR4	20576684	CHR4:20576684	SSF x LoA	-9,52698202	-0,060	0,299
CHR4	20576699	CHR4:20576699	SSF x LoA	-7,51854767	0,112	0,303
CHR4	20576704	CHR4:20576704	SSF x LoA	-8,54069179	-0,095	0,299
CHR4	20576738	CHR4:20576738	SSF x LoA	-7,81926811	-0,050	0,307
CHR4	20576768	CHR4:20576768	SSF x LoA	-7,93199373	-0,120	0,304
CHR4	20576785	CHR4:20576785	SSF x LoA	-8,19224602	-0,101	0,306
CHR4	20586556	CHR4:20586556	SSF x LoA	-8,6987158	0,100	0,305
CHR4	20586607	CHR4:20586607	SSF x LoA	-5,03533053	0,243	0,285
CHR4	20586608	CHR4:20586608	SSF x LoA	-5,65509232	0,191	0,285
CHR4	20586655	CHR4:20586655	SSF x LoA	-9,80625173	-0,043	0,307
CHR4	20598446	CHR4:20598446	SSF x LoA	-10,2675604	0,091	0,301
CHR4	20614838	CHR4:20614838	SSF x LoA	-6,4201397	0,151	0,308
CHR4	20614869	CHR4:20614869	SSF x LoA	-10,0496443	-0,013	0,306
CHR4	2061793	CHR4:2061793	SSF x LoA	-9,95828381	0,027	0,318
CHR4	2061840	CHR4:2061840	SSF x LoA	-7,82919511	0,021	0,306
CHR4	2061876	CHR4:2061876	SSF x LoA	-4,24572943	-0,003	0,293
CHR4	2061918	CHR4:2061918	SSF x LoA	-9,73374438	-0,005	0,285
CHR4	2061984	CHR4:2061984	SSF x LoA	-9,22453589	-0,027	0,298
CHR4	2061993	CHR4:2061993	SSF x LoA	-9,26891029	-0,062	0,308
CHR4	20625107	CHR4:20625107	SSF x LoA	-8,23067824	0,101	0,314
CHR4	20625110	CHR4:20625110	SSF x LoA	-8,6055233	-0,003	0,313
CHR4	20625116	CHR4:20625116	SSF x LoA	-9,19496868	0,045	0,304
CHR4	20625139	CHR4:20625139	SSF x LoA	-7,5841416	0,044	0,300
CHR4	20625141	CHR4:20625141	SSF x LoA	-7,34987717	0,019	0,310
CHR4	20625145	CHR4:20625145	SSF x LoA	-7,70522424	0,043	0,294
CHR4	20625158	CHR4:20625158	SSF x LoA	-7,23747746	0,038	0,303
CHR4	20625176	CHR4:20625176	SSF x LoA	-7,3249398	-0,099	0,325
CHR4	20625270	CHR4:20625270	SSF x LoA	-3,03336011	-0,016	0,309
CHR4	20625338	CHR4:20625338	SSF x LoA	-12,2556019	0,013	0,291
CHR4	20627536	CHR4:20627536	SSF x LoA	-8,92048483	0,084	0,312
CHR4	20627604	CHR4:20627604	SSF x LoA	-9,63232459	0,005	0,289
CHR4	20627621	CHR4:20627621	SSF x LoA	-9,97323287	-0,002	0,301

CHR4	20627625	CHR4:20627625	SSF x LoA	-9,66847944	-0,010	0,310
CHR4	20627637	CHR4:20627637	SSF x LoA	-10,3915727	-0,074	0,310
CHR4	20630041	CHR4:20630041	SSF x LoA	-10,5030577	-0,028	0,307
CHR4	20630077	CHR4:20630077	SSF x LoA	-10,0616135	0,069	0,298
CHR4	20640581	CHR4:20640581	SSF x LoA	-8,86901278	-0,007	0,317
CHR4	20640600	CHR4:20640600	SSF x LoA	-9,96470204	0,002	0,309
CHR4	20640627	CHR4:20640627	SSF x LoA	-9,44306736	-0,057	0,302
CHR4	20640834	CHR4:20640834	SSF x LoA	-9,27233157	0,033	0,319
CHR4	20648514	CHR4:20648514	SSF x LoA	-7,65353381	0,097	0,311
CHR4	20648597	CHR4:20648597	SSF x LoA	-1,15462925	-0,181	0,290
CHR4	20661125	CHR4:20661125	SSF x LoA	-9,16605014	-0,019	0,304
CHR4	20661127	CHR4:20661127	SSF x LoA	-8,61092477	-0,029	0,309
CHR4	20661135	CHR4:20661135	SSF x LoA	-7,50275456	0,035	0,304
CHR4	20661142	CHR4:20661142	SSF x LoA	-9,4508786	0,128	0,285
CHR4	20661220	CHR4:20661220	SSF x LoA	-9,25651358	-0,107	0,298
CHR4	20661237	CHR4:20661237	SSF x LoA	-2,1425399	-0,010	0,302
CHR4	20661273	CHR4:20661273	SSF x LoA	-8,42424781	0,062	0,307
CHR4	20661276	CHR4:20661276	SSF x LoA	-7,83608855	0,066	0,315
CHR4	20661277	CHR4:20661277	SSF x LoA	-6,21492879	0,068	0,310
CHR4	20661295	CHR4:20661295	SSF x LoA	-11,1937111	0,047	0,300
CHR4	20661336	CHR4:20661336	SSF x LoA	-7,78805199	0,094	0,301
CHR4	20679748	CHR4:20679748	SSF x LoA	-7,77612494	0,076	0,305
CHR4	20692929	CHR4:20692929	SSF x LoA	-9,95027396	0,064	0,301
CHR4	20692936	CHR4:20692936	SSF x LoA	-10,2957487	0,065	0,300
CHR4	20692979	CHR4:20692979	SSF x LoA	-9,1716085	0,060	0,300
CHR4	20692987	CHR4:20692987	SSF x LoA	-8,06493851	-0,047	0,310
CHR4	20693063	CHR4:20693063	SSF x LoA	-6,39043875	0,218	0,289
CHR4	20694190	CHR4:20694190	SSF x LoA	7,92874694	-0,182	0,294
CHR4	20701233	CHR4:20701233	SSF x LoA	-8,2861326	-0,006	0,314
CHR4	20701236	CHR4:20701236	SSF x LoA	-8,99269626	-0,011	0,312
CHR4	20701321	CHR4:20701321	SSF x LoA	-8,24860266	0,044	0,303
CHR4	20701323	CHR4:20701323	SSF x LoA	-9,44375799	-0,070	0,313
CHR4	20701351	CHR4:20701351	SSF x LoA	-8,98558994	-0,081	0,297
CHR4	20701358	CHR4:20701358	SSF x LoA	-8,02887679	-0,041	0,307
CHR4	20701374	CHR4:20701374	SSF x LoA	-7,36217195	0,133	0,299
CHR4	20701450	CHR4:20701450	SSF x LoA	-6,62401475	-0,034	0,311
CHR4	20701459	CHR4:20701459	SSF x LoA	-8,26896691	-0,011	0,306
CHR4	20701475	CHR4:20701475	SSF x LoA	-7,79430793	-0,048	0,313
CHR4	20711410	CHR4:20711410	SSF x LoA	-10,9974344	0,028	0,308
CHR4	20711414	CHR4:20711414	SSF x LoA	-8,41743568	0,103	0,306
CHR4	20711421	CHR4:20711421	SSF x LoA	-8,14041194	0,032	0,297
CHR4	20711490	CHR4:20711490	SSF x LoA	-6,77788734	0,073	0,315
CHR4	20711507	CHR4:20711507	SSF x LoA	-11,4352746	-0,027	0,308
CHR4	20711512	CHR4:20711512	SSF x LoA	-8,512152	-0,137	0,296
CHR4	20711620	CHR4:20711620	SSF x LoA	-10,9375922	0,016	0,299
CHR4	20720784	CHR4:20720784	SSF x LoA	-9,94205537	-0,158	0,282
CHR4	20721065	CHR4:20721065	SSF x LoA	-9,0681192	0,168	0,298
CHR4	20723545	CHR4:20723545	SSF x LoA	-7,31122715	-0,009	0,318
CHR4	20723626	CHR4:20723626	SSF x LoA	-4,51886777	-0,090	0,308
CHR4	20723791	CHR4:20723791	SSF x LoA	-8,73379793	-0,056	0,302
CHR4	20739449	CHR4:20739449	SSF x LoA	-4,44485031	-0,071	0,310
CHR4	20739508	CHR4:20739508	SSF x LoA	-9,58985576	-0,079	0,313
CHR4	20739544	CHR4:20739544	SSF x LoA	-9,07823549	0,003	0,313

CHR4	20739552	CHR4:20739552	SSF x LoA	-8,71447472	0,077	0,305
CHR4	20739597	CHR4:20739597	SSF x LoA	-8,11406655	-0,149	0,313
CHR4	20745162	CHR4:20745162	SSF x LoA	-8,81979831	-0,039	0,309
CHR4	20748675	CHR4:20748675	SSF x LoA	-9,33319857	0,046	0,298
CHR4	20748677	CHR4:20748677	SSF x LoA	-9,41627715	0,017	0,306
CHR4	20748694	CHR4:20748694	SSF x LoA	-7,95336466	0,007	0,317
CHR4	20748707	CHR4:20748707	SSF x LoA	-9,06331162	0,024	0,308
CHR4	20748745	CHR4:20748745	SSF x LoA	-5,13908644	-0,085	0,321
CHR4	20748817	CHR4:20748817	SSF x LoA	-4,49392146	-0,133	0,303
CHR4	20748855	CHR4:20748855	SSF x LoA	-7,41437928	0,014	0,310
CHR4	20748911	CHR4:20748911	SSF x LoA	-7,87298145	-0,132	0,298
CHR4	20748934	CHR4:20748934	SSF x LoA	-8,98369406	-0,006	0,298
CHR4	2075658	CHR4:2075658	SSF x LoA	-10,5270702	0,117	0,296
CHR4	2075659	CHR4:2075659	SSF x LoA	-10,7736997	0,110	0,298
CHR4	2075660	CHR4:2075660	SSF x LoA	-10,4858677	0,080	0,311
CHR4	2075662	CHR4:2075662	SSF x LoA	-8,31702017	0,122	0,304
CHR4	2075663	CHR4:2075663	SSF x LoA	-4,45326544	0,119	0,306
CHR4	2075665	CHR4:2075665	SSF x LoA	-9,44547738	0,101	0,309
CHR4	20757274	CHR4:20757274	SSF x LoA	-11,3150922	-0,038	0,309
CHR4	2075902	CHR4:2075902	SSF x LoA	-9,07122494	-0,005	0,299
CHR4	2075921	CHR4:2075921	SSF x LoA	-8,43466653	0,109	0,318
CHR4	20761825	CHR4:20761825	SSF x LoA	-4,41821052	-0,198	0,318
CHR4	20761827	CHR4:20761827	SSF x LoA	-8,40856619	-0,125	0,306
CHR4	20761839	CHR4:20761839	SSF x LoA	-10,6376234	-0,092	0,299
CHR4	20761840	CHR4:20761840	SSF x LoA	-10,1783042	0,110	0,301
CHR4	20767013	CHR4:20767013	SSF x LoA	-6,65374145	0,150	0,301
CHR4	20767052	CHR4:20767052	SSF x LoA	-8,14342579	-0,171	0,304
CHR4	20767082	CHR4:20767082	SSF x LoA	-10,6898069	-0,088	0,304
CHR4	20767090	CHR4:20767090	SSF x LoA	-11,435531	-0,090	0,293
CHR4	20767380	CHR4:20767380	SSF x LoA	-10,593878	0,043	0,319
CHR4	20767403	CHR4:20767403	SSF x LoA	-11,227838	0,026	0,303
CHR4	20767464	CHR4:20767464	SSF x LoA	-8,21887494	0,049	0,310
CHR4	20780778	CHR4:20780778	SSF x LoA	-8,28805355	0,097	0,300
CHR4	20793805	CHR4:20793805	SSF x LoA	-5,90611829	-0,035	0,314
CHR4	20798351	CHR4:20798351	SSF x LoA	-8,49090365	-0,052	0,308
CHR4	2083236	CHR4:2083236	SSF x LoA	-8,15730149	0,052	0,300
CHR4	2083276	CHR4:2083276	SSF x LoA	-10,6863614	-0,001	0,311
CHR4	20842009	CHR4:20842009	SSF x LoA	-9,54456281	0,035	0,298
CHR4	20842168	CHR4:20842168	SSF x LoA	-8,55870864	-0,008	0,304
CHR4	20842174	CHR4:20842174	SSF x LoA	-9,18303864	-0,011	0,303
CHR4	20842372	CHR4:20842372	SSF x LoA	-8,02165158	-0,100	0,308
CHR4	20842440	CHR4:20842440	SSF x LoA	-8,50554103	-0,106	0,307
CHR4	2085943	CHR4:2085943	SSF x LoA	-8,78983497	0,100	0,290
CHR4	2085973	CHR4:2085973	SSF x LoA	-10,1048935	-0,055	0,312
CHR4	2087122	CHR4:2087122	SSF x LoA	-9,58304103	0,032	0,310
CHR4	2087131	CHR4:2087131	SSF x LoA	-11,2398649	-0,043	0,293
CHR4	20872136	CHR4:20872136	SSF x LoA	-8,54755336	0,021	0,309
CHR4	20887878	CHR4:20887878	SSF x LoA	-10,5627711	0,022	0,301
CHR4	20888154	CHR4:20888154	SSF x LoA	-9,9118992	0,109	0,302
CHR4	20888188	CHR4:20888188	SSF x LoA	-8,44990456	0,136	0,314
CHR4	2088998	CHR4:2088998	SSF x LoA	-10,4930767	-0,039	0,305
CHR4	2089017	CHR4:2089017	SSF x LoA	-9,40192124	-0,004	0,303
CHR4	2089426	CHR4:2089426	SSF x LoA	-9,49055033	0,004	0,310

CHR4	20906342	CHR4:20906342	SSF x LoA	-8,87038493	0,022	0,320
CHR4	20908476	CHR4:20908476	SSF x LoA	-10,1499346	-0,070	0,299
CHR4	20912553	CHR4:20912553	SSF x LoA	-8,88953386	0,001	0,318
CHR4	2091796	CHR4:2091796	SSF x LoA	-11,6600349	-0,046	0,294
CHR4	20930034	CHR4:20930034	SSF x LoA	-5,44179206	0,036	0,301
CHR4	20935956	CHR4:20935956	SSF x LoA	-8,65144937	-0,001	0,328
CHR4	20963250	CHR4:20963250	SSF x LoA	-3,80885897	0,047	0,299
CHR4	20976787	CHR4:20976787	SSF x LoA	-6,09109611	-0,004	0,305
CHR4	2099379	CHR4:2099379	SSF x LoA	-9,56155985	-0,063	0,305
CHR4	2099420	CHR4:2099420	SSF x LoA	-10,9922604	-0,068	0,311
CHR4	2099438	CHR4:2099438	SSF x LoA	-5,42749312	-0,042	0,309
CHR4	2099901	CHR4:2099901	SSF x LoA	-6,9242606	-0,003	0,316
CHR4	2099940	CHR4:2099940	SSF x LoA	-10,6468552	0,110	0,305
CHR4	2099944	CHR4:2099944	SSF x LoA	-10,9758451	0,105	0,302
CHR4	21003332	CHR4:21003332	SSF x LoA	-8,10174803	0,035	0,306
CHR4	21013734	CHR4:21013734	SSF x LoA	-8,85198333	0,020	0,306
CHR4	21014676	CHR4:21014676	SSF x LoA	-5,97375504	0,059	0,307
CHR4	21039949	CHR4:21039949	SSF x LoA	-11,4197722	-0,014	0,292
CHR4	21039969	CHR4:21039969	SSF x LoA	-3,94310356	0,075	0,326
CHR4	21039973	CHR4:21039973	SSF x LoA	-9,22470178	-0,092	0,301
CHR4	21039976	CHR4:21039976	SSF x LoA	-8,46145379	-0,043	0,298
CHR4	21040058	CHR4:21040058	SSF x LoA	-8,55445343	-0,033	0,303
CHR4	21040062	CHR4:21040062	SSF x LoA	-10,575394	0,040	0,299
CHR4	21040098	CHR4:21040098	SSF x LoA	-7,32268963	0,076	0,317
CHR4	2104098	CHR4:2104098	SSF x LoA	-11,2234369	-0,040	0,319
CHR4	2104160	CHR4:2104160	SSF x LoA	-11,0612832	0,045	0,317
CHR4	2104171	CHR4:2104171	SSF x LoA	-9,32717989	0,014	0,319
CHR4	2104208	CHR4:2104208	SSF x LoA	-8,33079641	-0,081	0,304
CHR4	21050772	CHR4:21050772	SSF x LoA	-11,5448877	0,077	0,318
CHR4	21050902	CHR4:21050902	SSF x LoA	-11,0248012	0,067	0,301
CHR4	21058822	CHR4:21058822	SSF x LoA	-10,4109182	0,003	0,312
CHR4	21058858	CHR4:21058858	SSF x LoA	-10,0117249	0,006	0,302
CHR4	21067397	CHR4:21067397	SSF x LoA	-10,0291426	-0,059	0,305
CHR4	21098861	CHR4:21098861	SSF x LoA	-7,32088366	-0,143	0,313
CHR4	21099122	CHR4:21099122	SSF x LoA	-0,87510901	0,223	0,289
CHR4	21102215	CHR4:21102215	SSF x LoA	-6,4986264	0,156	0,308
CHR4	21109960	CHR4:21109960	SSF x LoA	-10,6401303	-0,063	0,305
CHR4	21110125	CHR4:21110125	SSF x LoA	-11,2582192	0,073	0,306
CHR4	21110127	CHR4:21110127	SSF x LoA	-9,25017568	0,083	0,310
CHR4	21110130	CHR4:21110130	SSF x LoA	-11,3781324	0,066	0,303
CHR4	21110132	CHR4:21110132	SSF x LoA	-10,0891381	0,103	0,313
CHR4	21119509	CHR4:21119509	SSF x LoA	-11,4045912	-0,084	0,304
CHR4	21132117	CHR4:21132117	SSF x LoA	-7,72022685	-0,156	0,310
CHR4	21132119	CHR4:21132119	SSF x LoA	-5,53286427	-0,146	0,315
CHR4	21143165	CHR4:21143165	SSF x LoA	-9,97181101	0,057	0,320
CHR4	21209365	CHR4:21209365	SSF x LoA	-11,2775673	-0,124	0,287
CHR4	21212895	CHR4:21212895	SSF x LoA	-7,55783568	-0,073	0,305
CHR4	21212944	CHR4:21212944	SSF x LoA	-7,85177276	-0,087	0,308
CHR4	2122205	CHR4:2122205	SSF x LoA	-7,81667791	-0,101	0,304
CHR4	21222311	CHR4:21222311	SSF x LoA	-7,61943921	0,034	0,303
CHR4	21222639	CHR4:21222639	SSF x LoA	-10,2530619	-0,055	0,304
CHR4	21243775	CHR4:21243775	SSF x LoA	-10,2193675	0,038	0,307
CHR4	21244043	CHR4:21244043	SSF x LoA	-7,65432388	-0,141	0,300

CHR4	21246059	CHR4:21246059	SSF x LoA	-7,30958875	-0,131	0,304
CHR4	21247538	CHR4:21247538	SSF x LoA	-8,86524511	0,047	0,309
CHR4	21257897	CHR4:21257897	SSF x LoA	-8,03182326	-0,003	0,311
CHR4	21257985	CHR4:21257985	SSF x LoA	-11,0357902	-0,031	0,305
CHR4	21258028	CHR4:21258028	SSF x LoA	-8,85405006	-0,018	0,297
CHR4	21258032	CHR4:21258032	SSF x LoA	-10,0507779	-0,057	0,298
CHR4	21258098	CHR4:21258098	SSF x LoA	-7,85331596	0,076	0,303
CHR4	21258193	CHR4:21258193	SSF x LoA	0,66183053	0,081	0,308
CHR4	21258194	CHR4:21258194	SSF x LoA	-8,76812114	0,109	0,314
CHR4	21258198	CHR4:21258198	SSF x LoA	-7,49834873	0,191	0,294
CHR4	21258201	CHR4:21258201	SSF x LoA	-10,9042665	-0,099	0,304
CHR4	21262709	CHR4:21262709	SSF x LoA	-8,82038442	0,141	0,304
CHR4	21262719	CHR4:21262719	SSF x LoA	-11,0537745	-0,022	0,311
CHR4	21262754	CHR4:21262754	SSF x LoA	-6,89889358	0,081	0,305
CHR4	21262796	CHR4:21262796	SSF x LoA	-10,9191184	0,023	0,315
CHR4	21262820	CHR4:21262820	SSF x LoA	-7,81155779	0,084	0,306
CHR4	21262868	CHR4:21262868	SSF x LoA	-10,7779519	0,017	0,298
CHR4	21262870	CHR4:21262870	SSF x LoA	-6,2286832	0,215	0,293
CHR4	21262910	CHR4:21262910	SSF x LoA	-8,37038156	-0,031	0,312
CHR4	21262919	CHR4:21262919	SSF x LoA	-8,20791669	-0,058	0,304
CHR4	21262990	CHR4:21262990	SSF x LoA	-8,33688701	-0,083	0,308
CHR4	21268538	CHR4:21268538	SSF x LoA	-11,0042055	0,005	0,301
CHR4	21268547	CHR4:21268547	SSF x LoA	-5,91815538	-0,160	0,304
CHR4	21268598	CHR4:21268598	SSF x LoA	-11,1812536	-0,006	0,301
CHR4	21268772	CHR4:21268772	SSF x LoA	-10,1908204	0,040	0,302
CHR4	21272549	CHR4:21272549	SSF x LoA	-5,28322951	-0,088	0,292
CHR4	21272601	CHR4:21272601	SSF x LoA	-9,48941117	0,074	0,311
CHR4	21272622	CHR4:21272622	SSF x LoA	-11,9503223	0,019	0,320
CHR4	21272637	CHR4:21272637	SSF x LoA	-9,06999367	-0,076	0,303
CHR4	21278364	CHR4:21278364	SSF x LoA	-5,83658107	0,032	0,318
CHR4	21278375	CHR4:21278375	SSF x LoA	-8,76996745	-0,158	0,293
CHR4	21278414	CHR4:21278414	SSF x LoA	-8,54874754	-0,099	0,286
CHR4	21278443	CHR4:21278443	SSF x LoA	-8,11625479	-0,068	0,319
CHR4	21285896	CHR4:21285896	SSF x LoA	-11,3325112	0,029	0,296
CHR4	21285928	CHR4:21285928	SSF x LoA	-11,2981578	0,124	0,296
CHR4	21285962	CHR4:21285962	SSF x LoA	-7,938376	-0,122	0,305
CHR4	21289527	CHR4:21289527	SSF x LoA	-8,99031431	0,046	0,299
CHR4	21289668	CHR4:21289668	SSF x LoA	-10,3296836	-0,056	0,300
CHR4	21295968	CHR4:21295968	SSF x LoA	-7,80396793	0,157	0,291
CHR4	21295999	CHR4:21295999	SSF x LoA	-6,53681191	0,118	0,304
CHR4	21296048	CHR4:21296048	SSF x LoA	-7,85468308	0,056	0,299
CHR4	21296067	CHR4:21296067	SSF x LoA	-8,79972904	0,040	0,307
CHR4	21305408	CHR4:21305408	SSF x LoA	-8,12365673	0,126	0,301
CHR4	21305432	CHR4:21305432	SSF x LoA	-9,97991322	0,056	0,315
CHR4	21305463	CHR4:21305463	SSF x LoA	-9,18632959	0,128	0,306
CHR4	21305518	CHR4:21305518	SSF x LoA	-8,89669454	-0,060	0,293
CHR4	21305581	CHR4:21305581	SSF x LoA	-8,68470026	-0,061	0,311
CHR4	2131165	CHR4:2131165	SSF x LoA	-8,11027005	0,060	0,300
CHR4	2131176	CHR4:2131176	SSF x LoA	-10,6221849	0,046	0,308
CHR4	2131219	CHR4:2131219	SSF x LoA	-7,29793864	0,075	0,307
CHR4	21312981	CHR4:21312981	SSF x LoA	-8,5151606	0,151	0,305
CHR4	21313016	CHR4:21313016	SSF x LoA	-9,02757022	0,032	0,309
CHR4	21313090	CHR4:21313090	SSF x LoA	-8,65146872	-0,038	0,314

CHR4	21313240	CHR4:21313240	SSF x LoA	-8,72665366	0,013	0,313
CHR4	21314959	CHR4:21314959	SSF x LoA	-8,09782654	-0,118	0,306
CHR4	21320681	CHR4:21320681	SSF x LoA	-8,36584598	0,068	0,320
CHR4	21320685	CHR4:21320685	SSF x LoA	-9,39286214	0,071	0,306
CHR4	21334763	CHR4:21334763	SSF x LoA	-8,32948222	0,020	0,311
CHR4	21334830	CHR4:21334830	SSF x LoA	-6,25922193	0,043	0,311
CHR4	21341446	CHR4:21341446	SSF x LoA	-10,7048832	0,012	0,305
CHR4	21343611	CHR4:21343611	SSF x LoA	-8,52360252	0,106	0,303
CHR4	21343666	CHR4:21343666	SSF x LoA	-10,2519441	0,046	0,310
CHR4	21343703	CHR4:21343703	SSF x LoA	-9,79566676	0,062	0,314
CHR4	21346076	CHR4:21346076	SSF x LoA	-9,22420205	-0,031	0,314
CHR4	21346089	CHR4:21346089	SSF x LoA	-7,63543366	0,038	0,316
CHR4	21346102	CHR4:21346102	SSF x LoA	-8,69375082	0,057	0,314
CHR4	21346111	CHR4:21346111	SSF x LoA	-10,3799042	0,069	0,305
CHR4	21346113	CHR4:21346113	SSF x LoA	-9,83307307	-0,048	0,317
CHR4	21346139	CHR4:21346139	SSF x LoA	-10,8237326	0,104	0,301
CHR4	21346141	CHR4:21346141	SSF x LoA	-5,34200053	0,104	0,315
CHR4	21346170	CHR4:21346170	SSF x LoA	-11,2080291	-0,064	0,299
CHR4	21346196	CHR4:21346196	SSF x LoA	-7,79983134	-0,081	0,309
CHR4	21346219	CHR4:21346219	SSF x LoA	-9,09249688	0,108	0,302
CHR4	21353490	CHR4:21353490	SSF x LoA	-9,40713558	-0,083	0,306
CHR4	21353551	CHR4:21353551	SSF x LoA	-9,43589923	0,112	0,297
CHR4	21353554	CHR4:21353554	SSF x LoA	-6,13592902	-0,023	0,311
CHR4	21353555	CHR4:21353555	SSF x LoA	-10,3717705	-0,078	0,311
CHR4	21369086	CHR4:21369086	SSF x LoA	-6,99957674	0,075	0,315
CHR4	21370688	CHR4:21370688	SSF x LoA	-2,84457659	0,008	0,320
CHR4	21370806	CHR4:21370806	SSF x LoA	-6,90746158	0,003	0,304
CHR4	2137833	CHR4:2137833	SSF x LoA	-7,61473283	0,179	0,305
CHR4	2137842	CHR4:2137842	SSF x LoA	-10,3397562	0,013	0,307
CHR4	2137898	CHR4:2137898	SSF x LoA	-9,38953348	0,118	0,297
CHR4	2137965	CHR4:2137965	SSF x LoA	-9,84668535	0,110	0,305
CHR4	21381089	CHR4:21381089	SSF x LoA	-6,44867277	-0,103	0,309
CHR4	21381248	CHR4:21381248	SSF x LoA	-6,26064668	0,137	0,310
CHR4	21381326	CHR4:21381326	SSF x LoA	-10,7686546	-0,065	0,303
CHR4	21381400	CHR4:21381400	SSF x LoA	-10,397835	-0,012	0,298
CHR4	21385253	CHR4:21385253	SSF x LoA	-9,73594142	-0,052	0,307
CHR4	21385312	CHR4:21385312	SSF x LoA	-7,87539498	-0,060	0,309
CHR4	21385313	CHR4:21385313	SSF x LoA	-8,12003747	-0,041	0,319
CHR4	21385368	CHR4:21385368	SSF x LoA	-7,59788958	0,039	0,311
CHR4	21385382	CHR4:21385382	SSF x LoA	-9,40363107	0,010	0,318
CHR4	21388353	CHR4:21388353	SSF x LoA	-8,51054772	-0,021	0,298
CHR4	21401055	CHR4:21401055	SSF x LoA	-6,38202024	-0,153	0,306
CHR4	21401202	CHR4:21401202	SSF x LoA	-7,33393737	-0,115	0,308
CHR4	21410237	CHR4:21410237	SSF x LoA	-6,83107866	-0,001	0,295
CHR4	21410263	CHR4:21410263	SSF x LoA	-4,14039236	-0,091	0,320
CHR4	21410267	CHR4:21410267	SSF x LoA	-8,95205866	0,090	0,311
CHR4	21410308	CHR4:21410308	SSF x LoA	-8,35933554	0,101	0,299
CHR4	21410316	CHR4:21410316	SSF x LoA	-10,8434362	-0,042	0,299
CHR4	21421963	CHR4:21421963	SSF x LoA	-9,35047747	0,154	0,317
CHR4	21421996	CHR4:21421996	SSF x LoA	-7,86886522	-0,061	0,300
CHR4	21422058	CHR4:21422058	SSF x LoA	-8,12134832	0,016	0,311
CHR4	21422061	CHR4:21422061	SSF x LoA	-7,91066077	-0,056	0,315
CHR4	21422219	CHR4:21422219	SSF x LoA	-8,536354	0,137	0,288

CHR4	21427421	CHR4:21427421	SSF x LoA	-9,79705668	0,129	0,311
CHR4	21450088	CHR4:21450088	SSF x LoA	-9,94060098	-0,020	0,311
CHR4	21450309	CHR4:21450309	SSF x LoA	-11,2035767	0,036	0,299
CHR4	21462592	CHR4:21462592	SSF x LoA	-8,90515792	0,109	0,316
CHR4	21462609	CHR4:21462609	SSF x LoA	-10,475507	-0,025	0,306
CHR4	21462730	CHR4:21462730	SSF x LoA	-9,76887696	0,042	0,301
CHR4	21462774	CHR4:21462774	SSF x LoA	-10,6283156	0,065	0,288
CHR4	21462830	CHR4:21462830	SSF x LoA	-7,2151539	0,070	0,314
CHR4	214697	CHR4:214697	SSF x LoA	-4,47133537	0,113	0,311
CHR4	2147465	CHR4:2147465	SSF x LoA	-6,59682399	0,131	0,309
CHR4	21482417	CHR4:21482417	SSF x LoA	-8,1580424	0,070	0,307
CHR4	21482427	CHR4:21482427	SSF x LoA	-11,6451623	-0,076	0,300
CHR4	21482471	CHR4:21482471	SSF x LoA	-9,09999657	0,027	0,301
CHR4	21482494	CHR4:21482494	SSF x LoA	-8,05799808	-0,061	0,314
CHR4	21482528	CHR4:21482528	SSF x LoA	-7,35749186	-0,093	0,306
CHR4	21484669	CHR4:21484669	SSF x LoA	-8,00623379	0,018	0,311
CHR4	21484687	CHR4:21484687	SSF x LoA	-9,26763724	0,079	0,307
CHR4	21484699	CHR4:21484699	SSF x LoA	-7,39466562	0,049	0,298
CHR4	21484737	CHR4:21484737	SSF x LoA	-7,28152766	0,110	0,297
CHR4	21484758	CHR4:21484758	SSF x LoA	-9,41874333	0,051	0,293
CHR4	21491697	CHR4:21491697	SSF x LoA	-9,00465749	-0,035	0,306
CHR4	21491808	CHR4:21491808	SSF x LoA	-10,0703042	-0,042	0,311
CHR4	21491945	CHR4:21491945	SSF x LoA	-9,03149674	-0,057	0,306
CHR4	21491955	CHR4:21491955	SSF x LoA	-7,54580871	-0,091	0,306
CHR4	21491961	CHR4:21491961	SSF x LoA	-10,5824378	-0,013	0,305
CHR4	21494382	CHR4:21494382	SSF x LoA	-7,34965844	-0,068	0,309
CHR4	21494416	CHR4:21494416	SSF x LoA	-7,80236655	-0,055	0,293
CHR4	21494422	CHR4:21494422	SSF x LoA	-9,75314138	0,008	0,320
CHR4	21494435	CHR4:21494435	SSF x LoA	-4,63555753	-0,106	0,295
CHR4	21500277	CHR4:21500277	SSF x LoA	-10,0929052	0,040	0,314
CHR4	21500362	CHR4:21500362	SSF x LoA	-8,92318449	-0,030	0,296
CHR4	21500469	CHR4:21500469	SSF x LoA	-8,75284178	0,007	0,317
CHR4	21514361	CHR4:21514361	SSF x LoA	-6,90742889	-0,111	0,318
CHR4	21514502	CHR4:21514502	SSF x LoA	-10,3218046	-0,086	0,305
CHR4	21516459	CHR4:21516459	SSF x LoA	-11,7595175	0,056	0,301
CHR4	21523817	CHR4:21523817	SSF x LoA	-9,30905474	-0,011	0,302
CHR4	2152442	CHR4:2152442	SSF x LoA	-8,69755989	0,068	0,312
CHR4	21538709	CHR4:21538709	SSF x LoA	-7,7233265	0,090	0,297
CHR4	21541759	CHR4:21541759	SSF x LoA	-8,61054517	0,137	0,305
CHR4	21541763	CHR4:21541763	SSF x LoA	-7,2474857	0,094	0,297
CHR4	21541797	CHR4:21541797	SSF x LoA	-9,95285792	0,098	0,295
CHR4	21541866	CHR4:21541866	SSF x LoA	-10,1151058	-0,025	0,323
CHR4	21541868	CHR4:21541868	SSF x LoA	-3,99261206	0,078	0,306
CHR4	21543943	CHR4:21543943	SSF x LoA	-9,518925	-0,016	0,312
CHR4	21543948	CHR4:21543948	SSF x LoA	-8,69133634	0,035	0,315
CHR4	21543950	CHR4:21543950	SSF x LoA	-10,1210926	0,075	0,300
CHR4	21544004	CHR4:21544004	SSF x LoA	-7,69830259	0,046	0,298
CHR4	21544005	CHR4:21544005	SSF x LoA	-9,77918636	-0,011	0,310
CHR4	21544010	CHR4:21544010	SSF x LoA	-8,4141882	0,070	0,298
CHR4	21544042	CHR4:21544042	SSF x LoA	-9,17898612	0,030	0,306
CHR4	21546458	CHR4:21546458	SSF x LoA	-9,07921473	0,169	0,303
CHR4	21546463	CHR4:21546463	SSF x LoA	-8,73753447	-0,073	0,303
CHR4	21546571	CHR4:21546571	SSF x LoA	-8,4138285	0,117	0,298

CHR4	21546638	CHR4:21546638	SSF x LoA	-9,40204854	0,023	0,304
CHR4	21555073	CHR4:21555073	SSF x LoA	-9,82748874	-0,029	0,306
CHR4	21555128	CHR4:21555128	SSF x LoA	-10,8744819	-0,048	0,312
CHR4	21555243	CHR4:21555243	SSF x LoA	-5,17977794	-0,111	0,314
CHR4	21555252	CHR4:21555252	SSF x LoA	-10,8822739	0,012	0,308
CHR4	21555277	CHR4:21555277	SSF x LoA	-8,15787318	-0,072	0,303
CHR4	21555286	CHR4:21555286	SSF x LoA	-9,50324162	-0,093	0,297
CHR4	21557340	CHR4:21557340	SSF x LoA	-2,53721237	0,131	0,311
CHR4	21557464	CHR4:21557464	SSF x LoA	-8,93746539	-0,057	0,301
CHR4	21559334	CHR4:21559334	SSF x LoA	-6,1719657	0,143	0,302
CHR4	21559338	CHR4:21559338	SSF x LoA	-10,1336305	-0,036	0,314
CHR4	21575767	CHR4:21575767	SSF x LoA	-3,20476779	-0,158	0,302
CHR4	21575962	CHR4:21575962	SSF x LoA	-8,62821224	-0,069	0,318
CHR4	21575986	CHR4:21575986	SSF x LoA	-8,54305704	-0,081	0,320
CHR4	21576022	CHR4:21576022	SSF x LoA	-9,63572595	0,017	0,307
CHR4	21584584	CHR4:21584584	SSF x LoA	-8,36919612	0,096	0,310
CHR4	21584652	CHR4:21584652	SSF x LoA	-10,0381294	0,024	0,314
CHR4	21614667	CHR4:21614667	SSF x LoA	-8,12745862	-0,107	0,308
CHR4	21614729	CHR4:21614729	SSF x LoA	-7,24480201	-0,115	0,317
CHR4	21614744	CHR4:21614744	SSF x LoA	-8,67496645	0,085	0,308
CHR4	21622441	CHR4:21622441	SSF x LoA	-11,2806255	0,034	0,310
CHR4	21622447	CHR4:21622447	SSF x LoA	-11,6349735	0,044	0,306
CHR4	21622483	CHR4:21622483	SSF x LoA	-9,46734392	-0,038	0,310
CHR4	21629486	CHR4:21629486	SSF x LoA	-2,77923889	-0,110	0,297
CHR4	21629499	CHR4:21629499	SSF x LoA	-8,02654302	-0,121	0,306
CHR4	21629500	CHR4:21629500	SSF x LoA	-8,51241213	-0,122	0,291
CHR4	21629537	CHR4:21629537	SSF x LoA	-11,7474274	-0,074	0,301
CHR4	21629552	CHR4:21629552	SSF x LoA	-9,21737487	-0,051	0,300
CHR4	21629554	CHR4:21629554	SSF x LoA	-9,96328543	-0,090	0,292
CHR4	21629557	CHR4:21629557	SSF x LoA	-5,61816227	-0,101	0,296
CHR4	21629627	CHR4:21629627	SSF x LoA	-7,23187384	-0,075	0,304
CHR4	21655275	CHR4:21655275	SSF x LoA	-9,04147164	-0,074	0,320
CHR4	21655305	CHR4:21655305	SSF x LoA	-10,0261064	-0,043	0,303
CHR4	21655326	CHR4:21655326	SSF x LoA	-8,48933437	-0,064	0,314
CHR4	21655331	CHR4:21655331	SSF x LoA	-9,24398591	-0,022	0,304
CHR4	2166312	CHR4:2166312	SSF x LoA	-8,32942672	-0,123	0,311
CHR4	2166343	CHR4:2166343	SSF x LoA	-7,76220994	-0,077	0,295
CHR4	2166400	CHR4:2166400	SSF x LoA	-0,61774588	0,121	0,304
CHR4	21665766	CHR4:21665766	SSF x LoA	-11,8081373	0,024	0,305
CHR4	21665771	CHR4:21665771	SSF x LoA	-11,9298484	0,032	0,300
CHR4	21665800	CHR4:21665800	SSF x LoA	-10,9424862	0,053	0,316
CHR4	21670261	CHR4:21670261	SSF x LoA	-9,48740479	0,017	0,310
CHR4	21670288	CHR4:21670288	SSF x LoA	-9,90654526	0,037	0,302
CHR4	21670317	CHR4:21670317	SSF x LoA	-8,60414212	0,044	0,318
CHR4	21683010	CHR4:21683010	SSF x LoA	-8,16451385	-0,012	0,320
CHR4	21683011	CHR4:21683011	SSF x LoA	-8,82427209	0,016	0,316
CHR4	21683014	CHR4:21683014	SSF x LoA	-8,02606006	0,100	0,303
CHR4	21686386	CHR4:21686386	SSF x LoA	-6,68067841	0,104	0,310
CHR4	21694850	CHR4:21694850	SSF x LoA	-8,43059828	0,094	0,309
CHR4	21696159	CHR4:21696159	SSF x LoA	-8,73983576	0,044	0,322
CHR4	21696170	CHR4:21696170	SSF x LoA	-9,12509985	-0,085	0,317
CHR4	21696182	CHR4:21696182	SSF x LoA	-8,10126896	0,110	0,298
CHR4	21701894	CHR4:21701894	SSF x LoA	-8,70258655	0,039	0,313

CHR4	21703295	CHR4:21703295	SSF x LoA	-10,2193676	0,043	0,318
CHR4	21703334	CHR4:21703334	SSF x LoA	-8,91863295	-0,083	0,309
CHR4	21705377	CHR4:21705377	SSF x LoA	-11,5747279	0,048	0,307
CHR4	21705651	CHR4:21705651	SSF x LoA	-7,62587011	0,046	0,310
CHR4	2171118	CHR4:2171118	SSF x LoA	-9,58915829	0,035	0,293
CHR4	2171135	CHR4:2171135	SSF x LoA	-11,8034256	-0,018	0,292
CHR4	2171350	CHR4:2171350	SSF x LoA	-11,0155522	0,038	0,298
CHR4	2171355	CHR4:2171355	SSF x LoA	-10,9260181	-0,016	0,300
CHR4	2171807	CHR4:2171807	SSF x LoA	-8,99002845	0,163	0,291
CHR4	2171843	CHR4:2171843	SSF x LoA	-5,52895879	0,133	0,302
CHR4	21720123	CHR4:21720123	SSF x LoA	-10,6607308	-0,036	0,313
CHR4	21720131	CHR4:21720131	SSF x LoA	-8,84354876	0,098	0,310
CHR4	21728903	CHR4:21728903	SSF x LoA	-9,03196724	-0,102	0,308
CHR4	21728919	CHR4:21728919	SSF x LoA	-8,30572872	0,059	0,306
CHR4	21728941	CHR4:21728941	SSF x LoA	-9,91618659	-0,012	0,304
CHR4	21729036	CHR4:21729036	SSF x LoA	-0,26299949	0,167	0,304
CHR4	21729066	CHR4:21729066	SSF x LoA	-9,74571511	-0,083	0,300
CHR4	21730581	CHR4:21730581	SSF x LoA	-7,03562871	-0,108	0,306
CHR4	21730589	CHR4:21730589	SSF x LoA	-7,76068235	0,011	0,303
CHR4	21730653	CHR4:21730653	SSF x LoA	-8,90092569	-0,006	0,312
CHR4	21732360	CHR4:21732360	SSF x LoA	-9,46882712	0,035	0,301
CHR4	21733211	CHR4:21733211	SSF x LoA	-6,95539356	0,123	0,296
CHR4	21733231	CHR4:21733231	SSF x LoA	-9,58362012	-0,111	0,317
CHR4	21733247	CHR4:21733247	SSF x LoA	-8,63502276	-0,001	0,314
CHR4	21748619	CHR4:21748619	SSF x LoA	-11,7177241	-0,001	0,308
CHR4	2176243	CHR4:2176243	SSF x LoA	-9,11720651	-0,046	0,320
CHR4	2176308	CHR4:2176308	SSF x LoA	-7,90256311	0,037	0,309
CHR4	2177702	CHR4:2177702	SSF x LoA	-7,67162899	-0,042	0,310
CHR4	2177716	CHR4:2177716	SSF x LoA	-10,530909	0,121	0,305
CHR4	2177757	CHR4:2177757	SSF x LoA	-9,01504203	0,044	0,321
CHR4	2177783	CHR4:2177783	SSF x LoA	-7,17393799	0,065	0,330
CHR4	21790034	CHR4:21790034	SSF x LoA	-8,08354347	-0,056	0,304
CHR4	21790086	CHR4:21790086	SSF x LoA	-7,26412204	-0,089	0,300
CHR4	21790169	CHR4:21790169	SSF x LoA	-11,0473242	-0,040	0,312
CHR4	21802610	CHR4:21802610	SSF x LoA	-11,6871667	-0,048	0,304
CHR4	21808863	CHR4:21808863	SSF x LoA	-11,085885	0,025	0,301
CHR4	21812719	CHR4:21812719	SSF x LoA	-10,5925162	0,033	0,307
CHR4	21827080	CHR4:21827080	SSF x LoA	-7,93240385	0,007	0,310
CHR4	21827237	CHR4:21827237	SSF x LoA	-11,038658	0,033	0,307
CHR4	21840106	CHR4:21840106	SSF x LoA	-10,4812699	0,049	0,316
CHR4	21840132	CHR4:21840132	SSF x LoA	-8,6459671	0,065	0,314
CHR4	21840137	CHR4:21840137	SSF x LoA	-10,6723426	0,068	0,311
CHR4	21840181	CHR4:21840181	SSF x LoA	-9,47197824	-0,094	0,320
CHR4	2184332	CHR4:2184332	SSF x LoA	-9,85204969	0,004	0,296
CHR4	2184333	CHR4:2184333	SSF x LoA	-6,25046648	-0,080	0,313
CHR4	2184363	CHR4:2184363	SSF x LoA	-10,5186265	0,094	0,300
CHR4	2184365	CHR4:2184365	SSF x LoA	-9,02545515	0,102	0,303
CHR4	2184401	CHR4:2184401	SSF x LoA	-9,70615282	-0,137	0,298
CHR4	21851985	CHR4:21851985	SSF x LoA	-9,3937568	-0,050	0,309
CHR4	21852086	CHR4:21852086	SSF x LoA	-10,5067699	-0,037	0,300
CHR4	21852107	CHR4:21852107	SSF x LoA	-8,53904615	-0,036	0,303
CHR4	21852114	CHR4:21852114	SSF x LoA	-12,0836099	-0,037	0,288
CHR4	21852177	CHR4:21852177	SSF x LoA	-7,56687245	0,054	0,319

CHR4	21859812	CHR4:21859812	SSF x LoA	-12,3054749	-0,028	0,301
CHR4	21859829	CHR4:21859829	SSF x LoA	-8,19356955	-0,092	0,319
CHR4	21859836	CHR4:21859836	SSF x LoA	-6,07703778	0,082	0,310
CHR4	21859838	CHR4:21859838	SSF x LoA	-9,78918366	0,073	0,290
CHR4	21859842	CHR4:21859842	SSF x LoA	-3,49201954	-0,166	0,295
CHR4	21872254	CHR4:21872254	SSF x LoA	-11,5000151	0,051	0,297
CHR4	21872274	CHR4:21872274	SSF x LoA	-11,0144064	0,033	0,308
CHR4	21872298	CHR4:21872298	SSF x LoA	-9,54342669	0,019	0,316
CHR4	21872410	CHR4:21872410	SSF x LoA	-9,87342528	0,081	0,301
CHR4	21872416	CHR4:21872416	SSF x LoA	-8,72268276	-0,061	0,287
CHR4	21872454	CHR4:21872454	SSF x LoA	-9,32479009	-0,058	0,327
CHR4	21880756	CHR4:21880756	SSF x LoA	-9,92114015	0,086	0,290
CHR4	21880775	CHR4:21880775	SSF x LoA	-10,4503297	-0,040	0,302
CHR4	2189875	CHR4:2189875	SSF x LoA	-9,07294684	0,077	0,309
CHR4	2189881	CHR4:2189881	SSF x LoA	-9,29507467	0,068	0,290
CHR4	21908969	CHR4:21908969	SSF x LoA	-4,74726737	0,008	0,306
CHR4	21908991	CHR4:21908991	SSF x LoA	-9,09028508	-0,027	0,303
CHR4	21914355	CHR4:21914355	SSF x LoA	-9,26727074	0,038	0,294
CHR4	21914391	CHR4:21914391	SSF x LoA	-7,48545498	-0,032	0,312
CHR4	21914402	CHR4:21914402	SSF x LoA	-11,0410359	-0,023	0,305
CHR4	21914436	CHR4:21914436	SSF x LoA	-5,2068655	0,187	0,306
CHR4	21934985	CHR4:21934985	SSF x LoA	-11,1894871	-0,123	0,317
CHR4	21935148	CHR4:21935148	SSF x LoA	-11,3123303	0,068	0,314
CHR4	21935154	CHR4:21935154	SSF x LoA	-11,6254598	-0,111	0,293
CHR4	21935160	CHR4:21935160	SSF x LoA	-10,7879717	-0,052	0,302
CHR4	21940609	CHR4:21940609	SSF x LoA	-6,97317557	-0,082	0,317
CHR4	21942586	CHR4:21942586	SSF x LoA	-8,35802651	-0,006	0,310
CHR4	21942595	CHR4:21942595	SSF x LoA	-9,30419838	-0,015	0,309
CHR4	21942599	CHR4:21942599	SSF x LoA	-10,3764246	-0,091	0,303
CHR4	21942611	CHR4:21942611	SSF x LoA	-7,83007107	-0,015	0,314
CHR4	21942613	CHR4:21942613	SSF x LoA	-6,42079988	-0,166	0,298
CHR4	21942658	CHR4:21942658	SSF x LoA	-10,4011262	0,021	0,311
CHR4	21949753	CHR4:21949753	SSF x LoA	-8,30274727	-0,067	0,304
CHR4	21949980	CHR4:21949980	SSF x LoA	-10,7051021	0,009	0,302
CHR4	21950032	CHR4:21950032	SSF x LoA	-8,72902393	0,028	0,312
CHR4	21950036	CHR4:21950036	SSF x LoA	-8,0819423	0,131	0,303
CHR4	21950074	CHR4:21950074	SSF x LoA	-9,28206938	-0,026	0,313
CHR4	21950102	CHR4:21950102	SSF x LoA	-9,53062026	0,061	0,299
CHR4	2195709	CHR4:2195709	SSF x LoA	-9,10496766	0,030	0,300
CHR4	2195718	CHR4:2195718	SSF x LoA	-10,548674	0,092	0,300
CHR4	2195748	CHR4:2195748	SSF x LoA	-8,81449231	-0,129	0,293
CHR4	2195762	CHR4:2195762	SSF x LoA	-2,95541656	-0,044	0,301
CHR4	2195828	CHR4:2195828	SSF x LoA	-7,80287814	-0,099	0,302
CHR4	2195882	CHR4:2195882	SSF x LoA	-8,83904281	0,039	0,308
CHR4	2195908	CHR4:2195908	SSF x LoA	-8,65928715	0,037	0,309
CHR4	21960209	CHR4:21960209	SSF x LoA	-10,1988935	-0,071	0,308
CHR4	21960313	CHR4:21960313	SSF x LoA	-0,93152	-0,094	0,305
CHR4	21960474	CHR4:21960474	SSF x LoA	-11,7775342	-0,022	0,307
CHR4	21971250	CHR4:21971250	SSF x LoA	-10,3801845	0,003	0,301
CHR4	21978676	CHR4:21978676	SSF x LoA	-9,89283235	-0,022	0,321
CHR4	21985010	CHR4:21985010	SSF x LoA	-9,13346149	-0,082	0,317
CHR4	21985060	CHR4:21985060	SSF x LoA	-5,01260321	0,052	0,305
CHR4	21998265	CHR4:21998265	SSF x LoA	-8,04682134	-0,086	0,316

CHR4	21998282	CHR4:21998282	SSF x LoA	11,9850245	0,136	0,308
CHR4	21998307	CHR4:21998307	SSF x LoA	-5,9912647	0,062	0,308
CHR4	21998352	CHR4:21998352	SSF x LoA	-11,7150444	0,035	0,292
CHR4	21998354	CHR4:21998354	SSF x LoA	-9,99670166	-0,072	0,302
CHR4	21998375	CHR4:21998375	SSF x LoA	-8,22998208	-0,018	0,301
CHR4	21998450	CHR4:21998450	SSF x LoA	-9,30099871	0,056	0,307
CHR4	21998456	CHR4:21998456	SSF x LoA	-9,24032562	0,061	0,303
CHR4	22004704	CHR4:22004704	SSF x LoA	-9,74100813	0,064	0,295
CHR4	22004706	CHR4:22004706	SSF x LoA	-10,8389135	0,008	0,304
CHR4	22004731	CHR4:22004731	SSF x LoA	-7,42644204	-0,089	0,314
CHR4	22004756	CHR4:22004756	SSF x LoA	-8,31347787	0,035	0,301
CHR4	22004808	CHR4:22004808	SSF x LoA	-8,67186928	0,036	0,298
CHR4	22004912	CHR4:22004912	SSF x LoA	-6,95618977	-0,116	0,309
CHR4	22004935	CHR4:22004935	SSF x LoA	0,49582282	-0,141	0,311
CHR4	2201805	CHR4:2201805	SSF x LoA	-9,257799	-0,086	0,297
CHR4	2201811	CHR4:2201811	SSF x LoA	-4,40047103	0,133	0,295
CHR4	2201900	CHR4:2201900	SSF x LoA	-7,48799308	0,027	0,312
CHR4	2201913	CHR4:2201913	SSF x LoA	-9,82706989	0,002	0,297
CHR4	2201923	CHR4:2201923	SSF x LoA	-8,28785789	0,063	0,304
CHR4	22043827	CHR4:22043827	SSF x LoA	-8,75210147	-0,200	0,287
CHR4	22043944	CHR4:22043944	SSF x LoA	-5,73605946	-0,127	0,304
CHR4	22044026	CHR4:22044026	SSF x LoA	-10,2815567	-0,025	0,306
CHR4	22048027	CHR4:22048027	SSF x LoA	-8,48848446	0,149	0,306
CHR4	22050184	CHR4:22050184	SSF x LoA	-7,29565874	0,159	0,313
CHR4	22056468	CHR4:22056468	SSF x LoA	-8,25676975	0,020	0,310
CHR4	2206247	CHR4:2206247	SSF x LoA	-9,52095806	-0,019	0,309
CHR4	2207234	CHR4:2207234	SSF x LoA	-5,94659383	0,074	0,322
CHR4	2207417	CHR4:2207417	SSF x LoA	-8,61045549	-0,029	0,301
CHR4	2207419	CHR4:2207419	SSF x LoA	-4,81219474	0,162	0,300
CHR4	2207421	CHR4:2207421	SSF x LoA	-10,0454614	0,089	0,296
CHR4	22078934	CHR4:22078934	SSF x LoA	-11,1350569	-0,078	0,295
CHR4	22078972	CHR4:22078972	SSF x LoA	-9,38242284	-0,034	0,291
CHR4	2208959	CHR4:2208959	SSF x LoA	-8,66472747	0,141	0,299
CHR4	22096536	CHR4:22096536	SSF x LoA	-6,88779131	0,125	0,303
CHR4	22096876	CHR4:22096876	SSF x LoA	-8,39226865	0,056	0,309
CHR4	22096911	CHR4:22096911	SSF x LoA	-10,8681872	-0,072	0,306
CHR4	22111705	CHR4:22111705	SSF x LoA	-9,39716372	-0,039	0,307
CHR4	22111795	CHR4:22111795	SSF x LoA	-11,6377191	0,023	0,319
CHR4	22113879	CHR4:22113879	SSF x LoA	-10,3130714	0,042	0,302
CHR4	22113923	CHR4:22113923	SSF x LoA	-8,87890932	-0,035	0,326
CHR4	22113970	CHR4:22113970	SSF x LoA	-8,2006275	-0,068	0,307
CHR4	22114045	CHR4:22114045	SSF x LoA	-11,9938698	-0,045	0,302
CHR4	22124725	CHR4:22124725	SSF x LoA	-7,98128313	-0,030	0,304
CHR4	22124821	CHR4:22124821	SSF x LoA	-7,09416385	0,145	0,307
CHR4	22124863	CHR4:22124863	SSF x LoA	-7,4074704	-0,067	0,299
CHR4	22124933	CHR4:22124933	SSF x LoA	-10,6674768	-0,041	0,319
CHR4	22124958	CHR4:22124958	SSF x LoA	-7,81774498	0,064	0,306
CHR4	22128388	CHR4:22128388	SSF x LoA	-8,2701766	0,096	0,312
CHR4	22128536	CHR4:22128536	SSF x LoA	-8,33195114	0,144	0,299
CHR4	22136697	CHR4:22136697	SSF x LoA	-10,5841608	-0,002	0,318
CHR4	22136710	CHR4:22136710	SSF x LoA	-9,37715585	0,075	0,309
CHR4	22136719	CHR4:22136719	SSF x LoA	-8,87048351	-0,112	0,305
CHR4	22136721	CHR4:22136721	SSF x LoA	-6,8613024	-0,113	0,311

CHR4	22136780	CHR4:22136780	SSF x LoA	-8,10643273	0,121	0,315
CHR4	22137490	CHR4:22137490	SSF x LoA	-8,61282881	0,086	0,299
CHR4	22141694	CHR4:22141694	SSF x LoA	-5,52661947	0,030	0,310
CHR4	22141738	CHR4:22141738	SSF x LoA	-9,0647758	-0,052	0,310
CHR4	22141819	CHR4:22141819	SSF x LoA	-8,60092385	-0,066	0,305
CHR4	22141848	CHR4:22141848	SSF x LoA	-7,47417935	0,165	0,294
CHR4	22151576	CHR4:22151576	SSF x LoA	-7,15744394	-0,057	0,299
CHR4	2216235	CHR4:2216235	SSF x LoA	-7,75504372	-0,131	0,302
CHR4	22177519	CHR4:22177519	SSF x LoA	-9,17334702	-0,077	0,296
CHR4	22177553	CHR4:22177553	SSF x LoA	-9,20566036	0,064	0,305
CHR4	22177554	CHR4:22177554	SSF x LoA	-9,07047389	0,087	0,292
CHR4	22184735	CHR4:22184735	SSF x LoA	-8,70446602	-0,048	0,301
CHR4	22184765	CHR4:22184765	SSF x LoA	-8,94135972	-0,011	0,306
CHR4	22195637	CHR4:22195637	SSF x LoA	-10,9094284	-0,045	0,304
CHR4	22195838	CHR4:22195838	SSF x LoA	-7,80362484	-0,016	0,301
CHR4	22206480	CHR4:22206480	SSF x LoA	-3,45805386	-0,206	0,296
CHR4	22206492	CHR4:22206492	SSF x LoA	-6,93654005	0,132	0,299
CHR4	22206520	CHR4:22206520	SSF x LoA	-8,26671419	0,103	0,312
CHR4	22206525	CHR4:22206525	SSF x LoA	-7,45282745	0,124	0,315
CHR4	22206552	CHR4:22206552	SSF x LoA	-8,89633991	-0,114	0,292
CHR4	22206556	CHR4:22206556	SSF x LoA	-5,4342567	0,087	0,312
CHR4	22206565	CHR4:22206565	SSF x LoA	-7,37637064	-0,120	0,314
CHR4	22206567	CHR4:22206567	SSF x LoA	-8,23503245	0,108	0,315
CHR4	22206591	CHR4:22206591	SSF x LoA	-4,60953676	-0,167	0,305
CHR4	22206616	CHR4:22206616	SSF x LoA	-10,3628795	-0,114	0,328
CHR4	22206618	CHR4:22206618	SSF x LoA	-6,27381669	0,138	0,307
CHR4	22206638	CHR4:22206638	SSF x LoA	-8,90212974	-0,060	0,294
CHR4	22217153	CHR4:22217153	SSF x LoA	-10,4417962	0,008	0,313
CHR4	22217158	CHR4:22217158	SSF x LoA	-9,85890794	0,026	0,303
CHR4	22217190	CHR4:22217190	SSF x LoA	-7,94025186	-0,099	0,304
CHR4	22217222	CHR4:22217222	SSF x LoA	-11,2303164	0,037	0,299
CHR4	22217679	CHR4:22217679	SSF x LoA	-9,75486976	0,030	0,317
CHR4	22217714	CHR4:22217714	SSF x LoA	-8,74478434	-0,018	0,319
CHR4	22217751	CHR4:22217751	SSF x LoA	-9,83933817	-0,122	0,286
CHR4	22217785	CHR4:22217785	SSF x LoA	-9,60329072	-0,016	0,301
CHR4	22228576	CHR4:22228576	SSF x LoA	-8,85911049	0,040	0,308
CHR4	22232794	CHR4:22232794	SSF x LoA	-7,98360667	-0,125	0,311
CHR4	22232808	CHR4:22232808	SSF x LoA	-6,79423468	0,076	0,310
CHR4	22232881	CHR4:22232881	SSF x LoA	-7,98065345	-0,034	0,308
CHR4	22233629	CHR4:22233629	SSF x LoA	-10,2861489	0,078	0,300
CHR4	22233663	CHR4:22233663	SSF x LoA	-8,54645331	0,074	0,302
CHR4	22233690	CHR4:22233690	SSF x LoA	-9,50042863	0,048	0,296
CHR4	22240328	CHR4:22240328	SSF x LoA	-7,68933616	-0,105	0,302
CHR4	22240362	CHR4:22240362	SSF x LoA	-10,0853195	-0,077	0,303
CHR4	22242073	CHR4:22242073	SSF x LoA	-9,03990565	-0,107	0,303
CHR4	22248880	CHR4:22248880	SSF x LoA	-6,20882319	-0,013	0,306
CHR4	22248931	CHR4:22248931	SSF x LoA	-8,36036019	0,055	0,286
CHR4	22249044	CHR4:22249044	SSF x LoA	-9,29062015	0,084	0,307
CHR4	22249135	CHR4:22249135	SSF x LoA	-9,1194334	0,063	0,298
CHR4	22257486	CHR4:22257486	SSF x LoA	-10,4875789	0,036	0,296
CHR4	22259311	CHR4:22259311	SSF x LoA	-9,47520314	-0,014	0,282
CHR4	22259317	CHR4:22259317	SSF x LoA	-8,25995082	-0,064	0,297
CHR4	22259542	CHR4:22259542	SSF x LoA	-10,4899822	0,059	0,296

CHR4	22271358	CHR4:22271358	SSF x LoA	-10,7061975	-0,067	0,304
CHR4	22271380	CHR4:22271380	SSF x LoA	-5,64090998	0,071	0,301
CHR4	22271381	CHR4:22271381	SSF x LoA	-8,6611157	-0,075	0,303
CHR4	22271430	CHR4:22271430	SSF x LoA	-8,75920774	-0,027	0,303
CHR4	22274753	CHR4:22274753	SSF x LoA	-10,2301029	0,015	0,311
CHR4	22280473	CHR4:22280473	SSF x LoA	-10,3043976	-0,068	0,303
CHR4	22280474	CHR4:22280474	SSF x LoA	-10,0114904	-0,061	0,298
CHR4	22280542	CHR4:22280542	SSF x LoA	-8,77688098	-0,099	0,304
CHR4	22280543	CHR4:22280543	SSF x LoA	-8,21849446	0,109	0,302
CHR4	22280552	CHR4:22280552	SSF x LoA	-10,0322749	-0,062	0,308
CHR4	22280569	CHR4:22280569	SSF x LoA	-8,22344452	0,093	0,305
CHR4	22280572	CHR4:22280572	SSF x LoA	-10,9548895	-0,079	0,298
CHR4	22280588	CHR4:22280588	SSF x LoA	-7,86380871	-0,165	0,298
CHR4	2228903	CHR4:2228903	SSF x LoA	-11,0841434	-0,061	0,293
CHR4	22292994	CHR4:22292994	SSF x LoA	-10,6963183	-0,017	0,314
CHR4	22293002	CHR4:22293002	SSF x LoA	-9,87560865	-0,013	0,318
CHR4	22293029	CHR4:22293029	SSF x LoA	-9,44879865	0,067	0,324
CHR4	22293037	CHR4:22293037	SSF x LoA	-10,037663	0,130	0,300
CHR4	22293044	CHR4:22293044	SSF x LoA	-10,3422949	0,141	0,313
CHR4	22293061	CHR4:22293061	SSF x LoA	-8,59453136	0,088	0,314
CHR4	22293063	CHR4:22293063	SSF x LoA	-10,2494412	-0,034	0,315
CHR4	22293095	CHR4:22293095	SSF x LoA	-7,96996836	0,050	0,320
CHR4	22303815	CHR4:22303815	SSF x LoA	-8,72358046	-0,021	0,311
CHR4	22303851	CHR4:22303851	SSF x LoA	-3,15515298	0,083	0,311
CHR4	22303889	CHR4:22303889	SSF x LoA	-8,84058849	-0,076	0,309
CHR4	22303897	CHR4:22303897	SSF x LoA	-8,79335945	0,076	0,312
CHR4	22303913	CHR4:22303913	SSF x LoA	-8,38625023	0,013	0,306
CHR4	22317993	CHR4:22317993	SSF x LoA	-5,58319097	0,031	0,315
CHR4	22335193	CHR4:22335193	SSF x LoA	-10,0838786	0,009	0,308
CHR4	22335210	CHR4:22335210	SSF x LoA	-8,96057548	0,037	0,313
CHR4	22348984	CHR4:22348984	SSF x LoA	-10,1626318	-0,132	0,294
CHR4	22349084	CHR4:22349084	SSF x LoA	-9,35481003	-0,102	0,303
CHR4	22360837	CHR4:22360837	SSF x LoA	-8,72835024	0,005	0,312
CHR4	22360838	CHR4:22360838	SSF x LoA	-7,30291544	-0,106	0,300
CHR4	22360870	CHR4:22360870	SSF x LoA	-8,71379357	0,024	0,309
CHR4	22360891	CHR4:22360891	SSF x LoA	-6,78005042	0,059	0,309
CHR4	22361009	CHR4:22361009	SSF x LoA	-7,43405375	-0,078	0,294
CHR4	22365581	CHR4:22365581	SSF x LoA	-10,1076112	-0,056	0,298
CHR4	22365607	CHR4:22365607	SSF x LoA	-9,2373137	-0,029	0,298
CHR4	22365661	CHR4:22365661	SSF x LoA	-10,330869	-0,022	0,297
CHR4	22365918	CHR4:22365918	SSF x LoA	-10,5228926	-0,115	0,302
CHR4	22365921	CHR4:22365921	SSF x LoA	-4,18249223	-0,209	0,300
CHR4	22365989	CHR4:22365989	SSF x LoA	-8,66237095	0,174	0,290
CHR4	22366022	CHR4:22366022	SSF x LoA	-9,53034131	-0,074	0,316
CHR4	22413398	CHR4:22413398	SSF x LoA	-1,64645272	-0,137	0,302
CHR4	22414931	CHR4:22414931	SSF x LoA	-8,65398235	-0,071	0,310
CHR4	22415015	CHR4:22415015	SSF x LoA	-11,0919606	0,000	0,297
CHR4	22415166	CHR4:22415166	SSF x LoA	-7,91812903	-0,058	0,320
CHR4	22417550	CHR4:22417550	SSF x LoA	-8,9808132	0,006	0,315
CHR4	22417591	CHR4:22417591	SSF x LoA	-8,82221877	0,087	0,308
CHR4	22417634	CHR4:22417634	SSF x LoA	-9,28742527	0,029	0,316
CHR4	22419281	CHR4:22419281	SSF x LoA	-10,843975	-0,041	0,306
CHR4	22419305	CHR4:22419305	SSF x LoA	-8,78380959	-0,032	0,321

CHR4	22423562	CHR4:22423562	SSF x LoA	-5,18413335	0,042	0,297
CHR4	22423647	CHR4:22423647	SSF x LoA	-8,78682387	-0,008	0,300
CHR4	2242690	CHR4:2242690	SSF x LoA	-10,6300366	-0,045	0,311
CHR4	2242732	CHR4:2242732	SSF x LoA	-10,1042545	0,004	0,312
CHR4	2242739	CHR4:2242739	SSF x LoA	-8,40864593	0,062	0,295
CHR4	2242765	CHR4:2242765	SSF x LoA	-10,593576	-0,025	0,321
CHR4	2242905	CHR4:2242905	SSF x LoA	-9,32806153	0,030	0,318
CHR4	22431209	CHR4:22431209	SSF x LoA	-8,753367	0,029	0,315
CHR4	22431325	CHR4:22431325	SSF x LoA	-10,6752745	-0,002	0,292
CHR4	22431329	CHR4:22431329	SSF x LoA	-8,64498434	0,103	0,307
CHR4	22431365	CHR4:22431365	SSF x LoA	-8,75970759	0,019	0,310
CHR4	22444995	CHR4:22444995	SSF x LoA	-10,7054343	0,037	0,316
CHR4	22445004	CHR4:22445004	SSF x LoA	-10,681873	-0,030	0,292
CHR4	22445031	CHR4:22445031	SSF x LoA	-7,51324393	-0,032	0,312
CHR4	22445045	CHR4:22445045	SSF x LoA	-11,1149563	0,053	0,313
CHR4	22445069	CHR4:22445069	SSF x LoA	-8,8667886	0,059	0,300
CHR4	22451871	CHR4:22451871	SSF x LoA	-10,674479	-0,037	0,313
CHR4	22451875	CHR4:22451875	SSF x LoA	-6,49940181	-0,108	0,311
CHR4	22451876	CHR4:22451876	SSF x LoA	-10,8972478	0,038	0,303
CHR4	22451881	CHR4:22451881	SSF x LoA	-9,49029121	-0,090	0,313
CHR4	22451943	CHR4:22451943	SSF x LoA	-10,3812091	-0,063	0,307
CHR4	22452014	CHR4:22452014	SSF x LoA	-9,5050469	0,056	0,302
CHR4	22476416	CHR4:22476416	SSF x LoA	-4,24533778	-0,170	0,301
CHR4	22476432	CHR4:22476432	SSF x LoA	-3,61443585	0,056	0,301
CHR4	22477568	CHR4:22477568	SSF x LoA	-9,6280308	-0,085	0,296
CHR4	22481010	CHR4:22481010	SSF x LoA	-7,17497955	0,047	0,306
CHR4	22481015	CHR4:22481015	SSF x LoA	-11,3835547	0,004	0,288
CHR4	22481020	CHR4:22481020	SSF x LoA	-10,0048333	0,067	0,305
CHR4	22481056	CHR4:22481056	SSF x LoA	-10,3988151	0,014	0,309
CHR4	22481065	CHR4:22481065	SSF x LoA	-9,79059826	0,008	0,319
CHR4	22481068	CHR4:22481068	SSF x LoA	-11,307205	0,016	0,308
CHR4	22481069	CHR4:22481069	SSF x LoA	-9,9470975	0,051	0,304
CHR4	22487639	CHR4:22487639	SSF x LoA	-9,77634155	-0,005	0,316
CHR4	22487753	CHR4:22487753	SSF x LoA	-7,23602279	0,149	0,302
CHR4	22487811	CHR4:22487811	SSF x LoA	-6,70306787	0,195	0,295
CHR4	22489486	CHR4:22489486	SSF x LoA	-8,76145331	0,060	0,305
CHR4	22489537	CHR4:22489537	SSF x LoA	-6,48663931	0,021	0,300
CHR4	22491707	CHR4:22491707	SSF x LoA	-8,21384736	-0,053	0,309
CHR4	22491787	CHR4:22491787	SSF x LoA	-9,75502386	-0,048	0,291
CHR4	22492884	CHR4:22492884	SSF x LoA	-8,77561732	0,041	0,311
CHR4	22494882	CHR4:22494882	SSF x LoA	-11,401958	-0,054	0,310
CHR4	22494908	CHR4:22494908	SSF x LoA	-10,4146126	-0,021	0,320
CHR4	22494910	CHR4:22494910	SSF x LoA	-11,7156952	0,026	0,312
CHR4	22494916	CHR4:22494916	SSF x LoA	-9,84368988	-0,104	0,297
CHR4	22495861	CHR4:22495861	SSF x LoA	-11,1728985	-0,051	0,304
CHR4	22495897	CHR4:22495897	SSF x LoA	-9,10699332	0,073	0,314
CHR4	22495919	CHR4:22495919	SSF x LoA	-10,6539095	0,089	0,302
CHR4	22495938	CHR4:22495938	SSF x LoA	-7,55144432	0,040	0,307
CHR4	22495968	CHR4:22495968	SSF x LoA	-9,79136088	0,011	0,307
CHR4	22501529	CHR4:22501529	SSF x LoA	-7,2236259	-0,069	0,302
CHR4	22501666	CHR4:22501666	SSF x LoA	-9,39516339	0,035	0,315
CHR4	22501699	CHR4:22501699	SSF x LoA	-8,09487734	-0,006	0,302
CHR4	22501745	CHR4:22501745	SSF x LoA	-3,0701211	-0,124	0,316

CHR4	22501762	CHR4:22501762	SSF x LoA	-8,54020435	0,007	0,310
CHR4	22501768	CHR4:22501768	SSF x LoA	-11,3590666	0,088	0,309
CHR4	22501771	CHR4:22501771	SSF x LoA	-9,18983933	-0,003	0,304
CHR4	22505557	CHR4:22505557	SSF x LoA	-10,0362798	-0,051	0,306
CHR4	22505582	CHR4:22505582	SSF x LoA	-8,94215837	-0,055	0,308
CHR4	22505586	CHR4:22505586	SSF x LoA	-7,38047526	-0,031	0,306
CHR4	22505591	CHR4:22505591	SSF x LoA	-8,39233047	0,057	0,308
CHR4	22505600	CHR4:22505600	SSF x LoA	-10,5636471	0,003	0,297
CHR4	22505617	CHR4:22505617	SSF x LoA	-7,50586397	-0,049	0,313
CHR4	22505643	CHR4:22505643	SSF x LoA	1,28910018	0,019	0,314
CHR4	22505646	CHR4:22505646	SSF x LoA	-10,495698	0,009	0,288
CHR4	22505682	CHR4:22505682	SSF x LoA	-7,86704512	0,033	0,305
CHR4	22505692	CHR4:22505692	SSF x LoA	-9,68387819	-0,048	0,296
CHR4	22505719	CHR4:22505719	SSF x LoA	-9,24822821	0,009	0,318
CHR4	22505731	CHR4:22505731	SSF x LoA	-8,78221848	-0,048	0,305
CHR4	22505747	CHR4:22505747	SSF x LoA	-8,5311251	-0,025	0,301
CHR4	22515486	CHR4:22515486	SSF x LoA	-8,62101293	-0,155	0,289
CHR4	22515503	CHR4:22515503	SSF x LoA	-10,0358791	0,008	0,304
CHR4	22516143	CHR4:22516143	SSF x LoA	-8,80105487	-0,053	0,298
CHR4	22516174	CHR4:22516174	SSF x LoA	-9,56758203	0,088	0,295
CHR4	22516256	CHR4:22516256	SSF x LoA	-5,52617406	-0,136	0,308
CHR4	2251770	CHR4:2251770	SSF x LoA	-8,02914365	0,075	0,303
CHR4	2251771	CHR4:2251771	SSF x LoA	-8,66456265	0,078	0,313
CHR4	2251775	CHR4:2251775	SSF x LoA	-8,79197631	0,056	0,298
CHR4	2251925	CHR4:2251925	SSF x LoA	-8,07896959	-0,073	0,307
CHR4	22530403	CHR4:22530403	SSF x LoA	-9,22513623	-0,125	0,302
CHR4	22533904	CHR4:22533904	SSF x LoA	-9,47538513	-0,015	0,309
CHR4	22534155	CHR4:22534155	SSF x LoA	-11,8071337	-0,086	0,301
CHR4	2253720	CHR4:2253720	SSF x LoA	-8,81181929	-0,008	0,327
CHR4	2253766	CHR4:2253766	SSF x LoA	-8,1941351	-0,018	0,321
CHR4	22538273	CHR4:22538273	SSF x LoA	-8,67694439	0,093	0,296
CHR4	22538298	CHR4:22538298	SSF x LoA	-9,66561518	0,021	0,306
CHR4	22538332	CHR4:22538332	SSF x LoA	-4,57952694	-0,150	0,313
CHR4	22538334	CHR4:22538334	SSF x LoA	6,8151603	0,120	0,318
CHR4	22538349	CHR4:22538349	SSF x LoA	-3,96982302	-0,133	0,305
CHR4	22538360	CHR4:22538360	SSF x LoA	-9,92928749	-0,048	0,304
CHR4	2253844	CHR4:2253844	SSF x LoA	-11,0658734	-0,033	0,304
CHR4	22538495	CHR4:22538495	SSF x LoA	-10,8161449	0,027	0,313
CHR4	22540758	CHR4:22540758	SSF x LoA	-8,93076191	0,061	0,319
CHR4	22540818	CHR4:22540818	SSF x LoA	-10,2621061	0,066	0,310
CHR4	22540833	CHR4:22540833	SSF x LoA	-4,4053454	-0,163	0,300
CHR4	22540863	CHR4:22540863	SSF x LoA	-7,47801904	-0,009	0,310
CHR4	22540866	CHR4:22540866	SSF x LoA	-7,88981123	0,021	0,308
CHR4	2254741	CHR4:2254741	SSF x LoA	-11,2412245	-0,001	0,307
CHR4	22552433	CHR4:22552433	SSF x LoA	-8,16804325	0,064	0,309
CHR4	22552561	CHR4:22552561	SSF x LoA	-10,7544387	0,063	0,303
CHR4	22556195	CHR4:22556195	SSF x LoA	-10,9159765	0,038	0,298
CHR4	22556228	CHR4:22556228	SSF x LoA	-7,073352	-0,195	0,305
CHR4	22558673	CHR4:22558673	SSF x LoA	-11,415412	-0,017	0,289
CHR4	22558737	CHR4:22558737	SSF x LoA	-10,5633147	-0,010	0,323
CHR4	225599	CHR4:225599	SSF x LoA	-8,46831082	-0,109	0,294
CHR4	22569018	CHR4:22569018	SSF x LoA	-10,1957761	0,015	0,313
CHR4	22569048	CHR4:22569048	SSF x LoA	-9,05094526	0,132	0,296

CHR4	22569175	CHR4:22569175	SSF x LoA	-8,99113519	-0,143	0,313
CHR4	22571409	CHR4:22571409	SSF x LoA	-10,4364525	0,044	0,304
CHR4	22571435	CHR4:22571435	SSF x LoA	-8,39839639	0,178	0,307
CHR4	22573242	CHR4:22573242	SSF x LoA	-9,98259908	-0,022	0,321
CHR4	22573245	CHR4:22573245	SSF x LoA	-11,097914	-0,020	0,297
CHR4	22573367	CHR4:22573367	SSF x LoA	-9,97268428	-0,035	0,308
CHR4	22573385	CHR4:22573385	SSF x LoA	-10,9995308	-0,028	0,317
CHR4	22577992	CHR4:22577992	SSF x LoA	-9,99340077	-0,104	0,302
CHR4	22579715	CHR4:22579715	SSF x LoA	-10,1705341	-0,088	0,286
CHR4	22579857	CHR4:22579857	SSF x LoA	5,11334701	0,021	0,294
CHR4	22611189	CHR4:22611189	SSF x LoA	-8,51749172	-0,148	0,310
CHR4	22618691	CHR4:22618691	SSF x LoA	-10,4622044	-0,024	0,306
CHR4	22631871	CHR4:22631871	SSF x LoA	-9,81214855	0,093	0,313
CHR4	22631888	CHR4:22631888	SSF x LoA	-11,3751636	0,068	0,299
CHR4	22631892	CHR4:22631892	SSF x LoA	-10,681203	0,094	0,301
CHR4	22631901	CHR4:22631901	SSF x LoA	-9,41587642	-0,029	0,294
CHR4	22650739	CHR4:22650739	SSF x LoA	-10,9004039	-0,011	0,315
CHR4	22652293	CHR4:22652293	SSF x LoA	-10,997705	-0,049	0,294
CHR4	22652334	CHR4:22652334	SSF x LoA	-9,38738544	0,026	0,306
CHR4	22652335	CHR4:22652335	SSF x LoA	-8,69891829	-0,108	0,315
CHR4	22652373	CHR4:22652373	SSF x LoA	-9,25137785	-0,043	0,295
CHR4	22652381	CHR4:22652381	SSF x LoA	-7,78349437	-0,102	0,312
CHR4	22657433	CHR4:22657433	SSF x LoA	-9,58170988	-0,045	0,307
CHR4	22658076	CHR4:22658076	SSF x LoA	-9,40555972	-0,084	0,308
CHR4	22658138	CHR4:22658138	SSF x LoA	-11,9701306	0,053	0,302
CHR4	22661048	CHR4:22661048	SSF x LoA	-11,2286578	0,132	0,303
CHR4	22665464	CHR4:22665464	SSF x LoA	-11,7242077	-0,014	0,304
CHR4	22665603	CHR4:22665603	SSF x LoA	-8,9329421	-0,011	0,308
CHR4	22668343	CHR4:22668343	SSF x LoA	-10,9969677	0,069	0,317
CHR4	22668361	CHR4:22668361	SSF x LoA	-10,9849665	0,036	0,308
CHR4	22668364	CHR4:22668364	SSF x LoA	-11,57393	0,013	0,295
CHR4	22668495	CHR4:22668495	SSF x LoA	-9,4097566	0,060	0,296
CHR4	22674001	CHR4:22674001	SSF x LoA	-10,0812152	0,025	0,299
CHR4	22674091	CHR4:22674091	SSF x LoA	-12,4594132	0,001	0,302
CHR4	22679298	CHR4:22679298	SSF x LoA	-7,62370654	-0,015	0,300
CHR4	22679376	CHR4:22679376	SSF x LoA	-9,6907464	0,018	0,314
CHR4	22679399	CHR4:22679399	SSF x LoA	-6,90360307	-0,010	0,307
CHR4	22679492	CHR4:22679492	SSF x LoA	-4,94846116	-0,160	0,303
CHR4	22681763	CHR4:22681763	SSF x LoA	-8,98431891	-0,025	0,297
CHR4	22681796	CHR4:22681796	SSF x LoA	-8,4075507	-0,052	0,328
CHR4	22681800	CHR4:22681800	SSF x LoA	-9,58872923	0,014	0,312
CHR4	22681805	CHR4:22681805	SSF x LoA	-10,5865826	0,047	0,319
CHR4	22681818	CHR4:22681818	SSF x LoA	-7,62846023	0,054	0,308
CHR4	22681846	CHR4:22681846	SSF x LoA	-8,57218365	0,021	0,299
CHR4	22685599	CHR4:22685599	SSF x LoA	-9,27575577	0,124	0,299
CHR4	22685614	CHR4:22685614	SSF x LoA	-8,97957214	-0,027	0,317
CHR4	22685654	CHR4:22685654	SSF x LoA	-9,88334088	-0,092	0,308
CHR4	22685713	CHR4:22685713	SSF x LoA	-11,4308141	0,009	0,303
CHR4	22685785	CHR4:22685785	SSF x LoA	-10,7809623	-0,027	0,303
CHR4	22691334	CHR4:22691334	SSF x LoA	-10,4050406	-0,125	0,302
CHR4	22691512	CHR4:22691512	SSF x LoA	-11,2126248	-0,008	0,292
CHR4	22691648	CHR4:22691648	SSF x LoA	-8,91403298	0,051	0,304
CHR4	22698343	CHR4:22698343	SSF x LoA	-7,11971986	0,065	0,318

CHR4	22698423	CHR4:22698423	SSF x LoA	-9,65331173	0,025	0,301
CHR4	22698433	CHR4:22698433	SSF x LoA	-8,32483797	-0,035	0,319
CHR4	22698436	CHR4:22698436	SSF x LoA	-9,40974794	-0,038	0,317
CHR4	22698449	CHR4:22698449	SSF x LoA	-9,21261041	-0,070	0,305
CHR4	22698464	CHR4:22698464	SSF x LoA	-9,78015841	0,006	0,308
CHR4	22698467	CHR4:22698467	SSF x LoA	-12,1443499	-0,047	0,300
CHR4	22698578	CHR4:22698578	SSF x LoA	-12,2617239	-0,015	0,317
CHR4	22711395	CHR4:22711395	SSF x LoA	-8,72662098	-0,197	0,302
CHR4	22711402	CHR4:22711402	SSF x LoA	-7,66838615	-0,213	0,301
CHR4	22711411	CHR4:22711411	SSF x LoA	-10,7077882	-0,115	0,303
CHR4	22711424	CHR4:22711424	SSF x LoA	1,97133862	-0,130	0,314
CHR4	22711465	CHR4:22711465	SSF x LoA	-9,70032706	0,022	0,306
CHR4	22711467	CHR4:22711467	SSF x LoA	-9,63845043	0,009	0,305
CHR4	22711474	CHR4:22711474	SSF x LoA	-8,87703798	0,001	0,311
CHR4	22711477	CHR4:22711477	SSF x LoA	-9,91219267	0,046	0,317
CHR4	22711577	CHR4:22711577	SSF x LoA	-9,89008799	-0,005	0,316
CHR4	22718398	CHR4:22718398	SSF x LoA	-8,15133743	0,131	0,307
CHR4	22718411	CHR4:22718411	SSF x LoA	-7,40272481	-0,166	0,287
CHR4	22718444	CHR4:22718444	SSF x LoA	-9,3414885	0,112	0,307
CHR4	22738349	CHR4:22738349	SSF x LoA	-9,07890278	-0,043	0,320
CHR4	22738354	CHR4:22738354	SSF x LoA	-9,84307993	-0,046	0,314
CHR4	22746254	CHR4:22746254	SSF x LoA	-9,87144923	0,133	0,305
CHR4	22746434	CHR4:22746434	SSF x LoA	-11,1873687	-0,029	0,303
CHR4	22747493	CHR4:22747493	SSF x LoA	-11,9426239	-0,030	0,297
CHR4	22747537	CHR4:22747537	SSF x LoA	-8,83755822	0,014	0,318
CHR4	22747675	CHR4:22747675	SSF x LoA	-8,71494063	0,172	0,304
CHR4	22758335	CHR4:22758335	SSF x LoA	-8,80070564	0,067	0,313
CHR4	22758337	CHR4:22758337	SSF x LoA	-8,00547108	0,040	0,303
CHR4	22758579	CHR4:22758579	SSF x LoA	-7,3693058	0,159	0,295
CHR4	22771981	CHR4:22771981	SSF x LoA	-9,02178287	-0,035	0,309
CHR4	22772181	CHR4:22772181	SSF x LoA	-4,52614989	0,014	0,316
CHR4	22773406	CHR4:22773406	SSF x LoA	-8,5983119	0,029	0,296
CHR4	22773408	CHR4:22773408	SSF x LoA	-8,08278365	-0,077	0,311
CHR4	22773418	CHR4:22773418	SSF x LoA	-8,70926419	-0,096	0,301
CHR4	22773570	CHR4:22773570	SSF x LoA	-10,5214074	0,059	0,301
CHR4	22775908	CHR4:22775908	SSF x LoA	-7,85472833	0,069	0,307
CHR4	22786739	CHR4:22786739	SSF x LoA	-9,20606962	0,023	0,306
CHR4	22786793	CHR4:22786793	SSF x LoA	11,5937469	-0,060	0,309
CHR4	22788399	CHR4:22788399	SSF x LoA	-10,650629	0,013	0,321
CHR4	22788620	CHR4:22788620	SSF x LoA	-10,1782242	0,013	0,302
CHR4	22790548	CHR4:22790548	SSF x LoA	-5,56308337	-0,005	0,307
CHR4	22790628	CHR4:22790628	SSF x LoA	-9,22103	0,076	0,305
CHR4	22802132	CHR4:22802132	SSF x LoA	-7,69365684	-0,007	0,317
CHR4	22802141	CHR4:22802141	SSF x LoA	-9,90185888	-0,074	0,303
CHR4	22802281	CHR4:22802281	SSF x LoA	-8,61095696	0,103	0,304
CHR4	22806043	CHR4:22806043	SSF x LoA	-7,31718785	-0,113	0,303
CHR4	22817405	CHR4:22817405	SSF x LoA	-10,9883501	0,083	0,298
CHR4	22817437	CHR4:22817437	SSF x LoA	-11,1709641	0,071	0,309
CHR4	22834347	CHR4:22834347	SSF x LoA	-8,94071006	-0,032	0,306
CHR4	22834473	CHR4:22834473	SSF x LoA	-9,73592158	-0,093	0,310
CHR4	22843888	CHR4:22843888	SSF x LoA	-5,03307947	0,087	0,307
CHR4	22843893	CHR4:22843893	SSF x LoA	-9,03365841	0,072	0,314
CHR4	22843926	CHR4:22843926	SSF x LoA	-9,51528451	-0,040	0,314

CHR4	22843938	CHR4:22843938	SSF x LoA	-7,3753862	0,105	0,321
CHR4	22860921	CHR4:22860921	SSF x LoA	-9,99593411	-0,089	0,327
CHR4	22862072	CHR4:22862072	SSF x LoA	-9,57847745	0,127	0,295
CHR4	22864957	CHR4:22864957	SSF x LoA	-9,32317488	-0,020	0,314
CHR4	22865019	CHR4:22865019	SSF x LoA	-10,1795595	-0,002	0,301
CHR4	22869587	CHR4:22869587	SSF x LoA	-8,37550783	-0,145	0,297
CHR4	22871599	CHR4:22871599	SSF x LoA	-9,61298947	-0,040	0,299
CHR4	22873876	CHR4:22873876	SSF x LoA	-8,84545152	0,065	0,303
CHR4	22884439	CHR4:22884439	SSF x LoA	-8,54236643	-0,058	0,301
CHR4	22884531	CHR4:22884531	SSF x LoA	-5,96486225	-0,213	0,298
CHR4	22884536	CHR4:22884536	SSF x LoA	-10,3362356	-0,054	0,301
CHR4	22884594	CHR4:22884594	SSF x LoA	-5,62268163	-0,191	0,293
CHR4	22884638	CHR4:22884638	SSF x LoA	-10,3646139	-0,130	0,304
CHR4	22884648	CHR4:22884648	SSF x LoA	-11,1627078	-0,063	0,309
CHR4	22884658	CHR4:22884658	SSF x LoA	-8,1811115	0,168	0,294
CHR4	22884668	CHR4:22884668	SSF x LoA	-10,0132476	-0,028	0,311
CHR4	22888301	CHR4:22888301	SSF x LoA	-8,66802645	-0,036	0,309
CHR4	22888347	CHR4:22888347	SSF x LoA	-9,74794732	-0,079	0,307
CHR4	22888468	CHR4:22888468	SSF x LoA	-10,0025314	-0,055	0,309
CHR4	22888660	CHR4:22888660	SSF x LoA	-7,37374005	0,021	0,305
CHR4	22897537	CHR4:22897537	SSF x LoA	-10,1180101	-0,003	0,304
CHR4	22897736	CHR4:22897736	SSF x LoA	-8,80284018	0,037	0,306
CHR4	22898978	CHR4:22898978	SSF x LoA	-7,70447318	0,047	0,313
CHR4	22899010	CHR4:22899010	SSF x LoA	-9,50459232	-0,149	0,303
CHR4	22900023	CHR4:22900023	SSF x LoA	-4,33258137	-0,066	0,317
CHR4	22907909	CHR4:22907909	SSF x LoA	-8,03313919	-0,008	0,301
CHR4	22907923	CHR4:22907923	SSF x LoA	-5,55854668	-0,032	0,306
CHR4	22907932	CHR4:22907932	SSF x LoA	-9,28055955	-0,006	0,306
CHR4	22907934	CHR4:22907934	SSF x LoA	-9,11733399	-0,040	0,309
CHR4	22908043	CHR4:22908043	SSF x LoA	-9,2733927	0,010	0,302
CHR4	22908090	CHR4:22908090	SSF x LoA	-12,0503273	-0,004	0,301
CHR4	22913440	CHR4:22913440	SSF x LoA	-10,2745112	-0,053	0,316
CHR4	22913447	CHR4:22913447	SSF x LoA	-7,27400785	-0,187	0,287
CHR4	2291871	CHR4:2291871	SSF x LoA	-9,17624365	0,072	0,312
CHR4	2291895	CHR4:2291895	SSF x LoA	-10,6823487	-0,083	0,314
CHR4	22927175	CHR4:22927175	SSF x LoA	-8,41221791	-0,115	0,309
CHR4	22927583	CHR4:22927583	SSF x LoA	-11,0545677	0,004	0,310
CHR4	22938405	CHR4:22938405	SSF x LoA	-10,2515229	0,019	0,311
CHR4	22974391	CHR4:22974391	SSF x LoA	-10,7924359	0,030	0,308
CHR4	22981086	CHR4:22981086	SSF x LoA	-7,22153039	-0,082	0,321
CHR4	22981199	CHR4:22981199	SSF x LoA	-8,98720322	-0,105	0,298
CHR4	22983590	CHR4:22983590	SSF x LoA	-8,45418695	0,113	0,297
CHR4	22985674	CHR4:22985674	SSF x LoA	-10,9388966	0,026	0,314
CHR4	22985678	CHR4:22985678	SSF x LoA	-9,25603621	0,050	0,301
CHR4	22985694	CHR4:22985694	SSF x LoA	-8,12688796	0,096	0,305
CHR4	22985698	CHR4:22985698	SSF x LoA	-9,87550089	0,117	0,310
CHR4	22987688	CHR4:22987688	SSF x LoA	-7,75161899	0,074	0,312
CHR4	22991420	CHR4:22991420	SSF x LoA	-10,3813994	-0,065	0,295
CHR4	22991440	CHR4:22991440	SSF x LoA	-7,77168657	-0,114	0,308
CHR4	22991469	CHR4:22991469	SSF x LoA	-7,97002374	-0,009	0,315
CHR4	22991488	CHR4:22991488	SSF x LoA	-9,02809396	-0,059	0,312
CHR4	22991501	CHR4:22991501	SSF x LoA	-10,3218716	0,023	0,310
CHR4	22991520	CHR4:22991520	SSF x LoA	-9,59407774	0,081	0,314

CHR4	22991543	CHR4:22991543	SSF x LoA	-9,88852318	0,100	0,311
CHR4	22995646	CHR4:22995646	SSF x LoA	-8,81109017	-0,003	0,308
CHR4	22995759	CHR4:22995759	SSF x LoA	-10,7247275	-0,114	0,296
CHR4	23006704	CHR4:23006704	SSF x LoA	-10,7368663	-0,006	0,289
CHR4	23006736	CHR4:23006736	SSF x LoA	-9,92323688	0,008	0,304
CHR4	23006786	CHR4:23006786	SSF x LoA	-9,23346778	0,022	0,316
CHR4	23006834	CHR4:23006834	SSF x LoA	-10,2542765	-0,010	0,313
CHR4	23006873	CHR4:23006873	SSF x LoA	-7,71836383	0,010	0,311
CHR4	23006876	CHR4:23006876	SSF x LoA	-8,41692404	-0,007	0,289
CHR4	23006913	CHR4:23006913	SSF x LoA	-10,9915605	0,068	0,299
CHR4	23010992	CHR4:23010992	SSF x LoA	-11,0936343	0,011	0,308
CHR4	23011029	CHR4:23011029	SSF x LoA	-9,45833106	0,090	0,306
CHR4	23011032	CHR4:23011032	SSF x LoA	-7,09025833	0,103	0,313
CHR4	23011038	CHR4:23011038	SSF x LoA	-5,49265555	0,095	0,316
CHR4	23011096	CHR4:23011096	SSF x LoA	-8,27260502	-0,071	0,313
CHR4	23011115	CHR4:23011115	SSF x LoA	-8,49188407	-0,094	0,302
CHR4	23011121	CHR4:23011121	SSF x LoA	-8,33788731	0,119	0,324
CHR4	23011138	CHR4:23011138	SSF x LoA	-8,67514463	-0,074	0,314
CHR4	23011175	CHR4:23011175	SSF x LoA	-5,56397364	0,002	0,307
CHR4	23011194	CHR4:23011194	SSF x LoA	-6,52060442	-0,078	0,312
CHR4	23011199	CHR4:23011199	SSF x LoA	-9,27345201	-0,073	0,304
CHR4	23011226	CHR4:23011226	SSF x LoA	-9,81590921	0,091	0,303
CHR4	23013094	CHR4:23013094	SSF x LoA	-11,8253897	-0,020	0,297
CHR4	23013134	CHR4:23013134	SSF x LoA	-4,70597796	0,063	0,324
CHR4	230155	CHR4:230155	SSF x LoA	-5,92934121	-0,021	0,302
CHR4	23018681	CHR4:23018681	SSF x LoA	-8,56833981	-0,047	0,310
CHR4	23020743	CHR4:23020743	SSF x LoA	-5,46799919	0,155	0,303
CHR4	23022269	CHR4:23022269	SSF x LoA	-9,64509115	-0,071	0,301
CHR4	23022271	CHR4:23022271	SSF x LoA	-9,08783436	-0,046	0,315
CHR4	23022299	CHR4:23022299	SSF x LoA	-9,09654241	0,117	0,306
CHR4	23022309	CHR4:23022309	SSF x LoA	-8,80301579	0,036	0,304
CHR4	23026167	CHR4:23026167	SSF x LoA	-9,5198865	-0,019	0,313
CHR4	23028164	CHR4:23028164	SSF x LoA	-11,1416193	-0,049	0,309
CHR4	23038523	CHR4:23038523	SSF x LoA	-8,70773035	-0,128	0,311
CHR4	23038558	CHR4:23038558	SSF x LoA	-10,1745806	-0,098	0,299
CHR4	23054099	CHR4:23054099	SSF x LoA	-10,296447	-0,039	0,305
CHR4	23054103	CHR4:23054103	SSF x LoA	-7,76377098	-0,019	0,303
CHR4	23054122	CHR4:23054122	SSF x LoA	-10,6962316	-0,003	0,321
CHR4	23054124	CHR4:23054124	SSF x LoA	-10,3207335	0,050	0,309
CHR4	23054150	CHR4:23054150	SSF x LoA	-6,93616505	-0,039	0,305
CHR4	23054196	CHR4:23054196	SSF x LoA	-6,31120044	-0,153	0,288
CHR4	23054645	CHR4:23054645	SSF x LoA	-10,5117426	0,047	0,302
CHR4	23054672	CHR4:23054672	SSF x LoA	-11,6297579	0,039	0,307
CHR4	23061079	CHR4:23061079	SSF x LoA	-11,116781	0,011	0,312
CHR4	23061129	CHR4:23061129	SSF x LoA	-12,1234459	0,009	0,311
CHR4	23071162	CHR4:23071162	SSF x LoA	-7,59446453	0,100	0,319
CHR4	23077111	CHR4:23077111	SSF x LoA	-10,0098502	-0,018	0,316
CHR4	23077170	CHR4:23077170	SSF x LoA	-7,79074038	-0,113	0,303
CHR4	23086383	CHR4:23086383	SSF x LoA	-4,16163827	-0,130	0,292
CHR4	23086386	CHR4:23086386	SSF x LoA	-7,19883322	0,070	0,304
CHR4	23095117	CHR4:23095117	SSF x LoA	6,34777223	0,130	0,296
CHR4	23095264	CHR4:23095264	SSF x LoA	-9,82440562	-0,028	0,305
CHR4	23095280	CHR4:23095280	SSF x LoA	-9,47979235	-0,069	0,305

CHR4	23095300	CHR4:23095300	SSF x LoA	-8,83520368	-0,071	0,307
CHR4	23095318	CHR4:23095318	SSF x LoA	-2,71368648	-0,017	0,304
CHR4	23095422	CHR4:23095422	SSF x LoA	-10,3416805	-0,018	0,295
CHR4	23098534	CHR4:23098534	SSF x LoA	-9,43357769	-0,040	0,315
CHR4	23098570	CHR4:23098570	SSF x LoA	-10,1705133	-0,032	0,319
CHR4	23102225	CHR4:23102225	SSF x LoA	-8,96655998	0,095	0,308
CHR4	23102238	CHR4:23102238	SSF x LoA	-8,83028291	-0,013	0,314
CHR4	23102240	CHR4:23102240	SSF x LoA	-10,1035937	0,028	0,305
CHR4	23102291	CHR4:23102291	SSF x LoA	-5,0742945	-0,012	0,308
CHR4	23107317	CHR4:23107317	SSF x LoA	-7,39903004	0,123	0,305
CHR4	23107336	CHR4:23107336	SSF x LoA	-7,16694534	0,112	0,295
CHR4	23107388	CHR4:23107388	SSF x LoA	1,48270856	-0,154	0,305
CHR4	23107783	CHR4:23107783	SSF x LoA	-5,75243072	-0,151	0,290
CHR4	23109539	CHR4:23109539	SSF x LoA	-7,66681216	-0,127	0,308
CHR4	23109549	CHR4:23109549	SSF x LoA	-8,9731461	0,047	0,318
CHR4	23109577	CHR4:23109577	SSF x LoA	-8,83694929	0,113	0,318
CHR4	23109607	CHR4:23109607	SSF x LoA	-7,12433986	-0,144	0,299
CHR4	23109836	CHR4:23109836	SSF x LoA	-10,4345971	-0,012	0,314
CHR4	23109994	CHR4:23109994	SSF x LoA	-8,90995026	0,057	0,309
CHR4	23126450	CHR4:23126450	SSF x LoA	-9,33897165	-0,013	0,299
CHR4	23126612	CHR4:23126612	SSF x LoA	-6,00223513	0,078	0,306
CHR4	23126622	CHR4:23126622	SSF x LoA	-9,78624121	-0,059	0,309
CHR4	23126632	CHR4:23126632	SSF x LoA	-9,00698315	-0,079	0,283
CHR4	23126678	CHR4:23126678	SSF x LoA	-6,7211439	0,082	0,298
CHR4	23126680	CHR4:23126680	SSF x LoA	-9,55155449	0,074	0,296
CHR4	23126776	CHR4:23126776	SSF x LoA	-9,82774182	0,117	0,325
CHR4	23134131	CHR4:23134131	SSF x LoA	-11,1163515	-0,064	0,307
CHR4	23134132	CHR4:23134132	SSF x LoA	-11,6660071	-0,059	0,293
CHR4	23138360	CHR4:23138360	SSF x LoA	-10,8121023	0,018	0,319
CHR4	23138410	CHR4:23138410	SSF x LoA	-11,0675659	-0,097	0,297
CHR4	23138411	CHR4:23138411	SSF x LoA	-11,3743307	-0,091	0,304
CHR4	23138467	CHR4:23138467	SSF x LoA	-10,8795888	0,023	0,310
CHR4	23138489	CHR4:23138489	SSF x LoA	-7,6785561	0,106	0,307
CHR4	23138505	CHR4:23138505	SSF x LoA	-10,4325689	0,005	0,311
CHR4	23149582	CHR4:23149582	SSF x LoA	-10,7789742	-0,078	0,299
CHR4	23156560	CHR4:23156560	SSF x LoA	-10,6027408	-0,010	0,301
CHR4	23156589	CHR4:23156589	SSF x LoA	-10,221813	-0,109	0,309
CHR4	23156592	CHR4:23156592	SSF x LoA	-9,50836085	0,060	0,307
CHR4	23156970	CHR4:23156970	SSF x LoA	-8,65379645	-0,038	0,300
CHR4	23156979	CHR4:23156979	SSF x LoA	2,92533131	0,164	0,290
CHR4	23157048	CHR4:23157048	SSF x LoA	-8,55120078	0,004	0,292
CHR4	23162063	CHR4:23162063	SSF x LoA	-9,24084187	0,002	0,312
CHR4	23162450	CHR4:23162450	SSF x LoA	-10,5391848	-0,117	0,312
CHR4	23162475	CHR4:23162475	SSF x LoA	-9,6624507	-0,017	0,299
CHR4	23162476	CHR4:23162476	SSF x LoA	-9,14846994	0,153	0,298
CHR4	23162491	CHR4:23162491	SSF x LoA	-7,73884127	0,047	0,309
CHR4	23162502	CHR4:23162502	SSF x LoA	-7,02873638	0,133	0,318
CHR4	23162554	CHR4:23162554	SSF x LoA	-7,3081245	-0,109	0,305
CHR4	23174412	CHR4:23174412	SSF x LoA	-8,14356663	-0,133	0,293
CHR4	23177202	CHR4:23177202	SSF x LoA	-10,2693033	-0,011	0,301
CHR4	23177248	CHR4:23177248	SSF x LoA	-8,53009157	0,103	0,305
CHR4	2318278	CHR4:2318278	SSF x LoA	-7,19213346	0,099	0,310
CHR4	2318281	CHR4:2318281	SSF x LoA	-8,12307089	0,158	0,307

CHR4	2318295	CHR4:2318295	SSF x LoA	-9,0361863	-0,009	0,315
CHR4	2318338	CHR4:2318338	SSF x LoA	-8,55042416	0,063	0,313
CHR4	2318343	CHR4:2318343	SSF x LoA	-9,41830675	0,051	0,301
CHR4	23190235	CHR4:23190235	SSF x LoA	-10,2951951	0,100	0,304
CHR4	23190265	CHR4:23190265	SSF x LoA	-7,70516104	-0,095	0,326
CHR4	23190297	CHR4:23190297	SSF x LoA	-12,0417407	0,008	0,305
CHR4	23190303	CHR4:23190303	SSF x LoA	-7,41204219	-0,058	0,316
CHR4	2319359	CHR4:2319359	SSF x LoA	-9,96493124	0,074	0,307
CHR4	23193960	CHR4:23193960	SSF x LoA	-7,82120428	0,124	0,299
CHR4	23194033	CHR4:23194033	SSF x LoA	-4,49880002	-0,221	0,288
CHR4	23194035	CHR4:23194035	SSF x LoA	-9,06028742	-0,176	0,300
CHR4	23194098	CHR4:23194098	SSF x LoA	-4,63381145	0,146	0,302
CHR4	23194138	CHR4:23194138	SSF x LoA	-10,3308441	0,007	0,325
CHR4	2319536	CHR4:2319536	SSF x LoA	-8,35510118	-0,063	0,300
CHR4	23196356	CHR4:23196356	SSF x LoA	-8,6244698	-0,015	0,319
CHR4	23196368	CHR4:23196368	SSF x LoA	-10,2731851	-0,022	0,310
CHR4	23196399	CHR4:23196399	SSF x LoA	-8,565152	0,149	0,294
CHR4	23196443	CHR4:23196443	SSF x LoA	-7,0145157	0,185	0,306
CHR4	23196513	CHR4:23196513	SSF x LoA	-9,91017828	0,052	0,316
CHR4	23196528	CHR4:23196528	SSF x LoA	-8,3873055	0,029	0,297
CHR4	23202206	CHR4:23202206	SSF x LoA	-11,9924891	0,008	0,299
CHR4	23202218	CHR4:23202218	SSF x LoA	-10,7417897	0,015	0,303
CHR4	23202236	CHR4:23202236	SSF x LoA	-11,3506377	0,008	0,313
CHR4	23202251	CHR4:23202251	SSF x LoA	-8,418182	0,004	0,301
CHR4	23207268	CHR4:23207268	SSF x LoA	-6,50719415	0,074	0,310
CHR4	23207467	CHR4:23207467	SSF x LoA	-9,4990914	-0,056	0,313
CHR4	23207497	CHR4:23207497	SSF x LoA	-8,32674302	-0,026	0,312
CHR4	23209280	CHR4:23209280	SSF x LoA	-10,8319398	-0,006	0,318
CHR4	23209459	CHR4:23209459	SSF x LoA	-10,5622985	-0,035	0,293
CHR4	23209494	CHR4:23209494	SSF x LoA	-9,75280131	0,059	0,307
CHR4	23209501	CHR4:23209501	SSF x LoA	-8,22508282	0,062	0,321
CHR4	23217632	CHR4:23217632	SSF x LoA	-8,48656701	0,034	0,318
CHR4	23217680	CHR4:23217680	SSF x LoA	-9,20112114	0,102	0,309
CHR4	23219428	CHR4:23219428	SSF x LoA	-10,1918409	0,009	0,294
CHR4	23219435	CHR4:23219435	SSF x LoA	-9,13984824	0,036	0,309
CHR4	23219438	CHR4:23219438	SSF x LoA	-7,30829786	0,045	0,302
CHR4	23219446	CHR4:23219446	SSF x LoA	-10,8655665	-0,037	0,296
CHR4	23219462	CHR4:23219462	SSF x LoA	-7,17442563	-0,072	0,307
CHR4	23219468	CHR4:23219468	SSF x LoA	-9,80180378	-0,009	0,325
CHR4	23219474	CHR4:23219474	SSF x LoA	-7,95670271	-0,083	0,302
CHR4	23219561	CHR4:23219561	SSF x LoA	-8,82749119	0,022	0,312
CHR4	23226323	CHR4:23226323	SSF x LoA	-9,32184039	0,014	0,312
CHR4	23226539	CHR4:23226539	SSF x LoA	-9,85068955	0,041	0,304
CHR4	23227493	CHR4:23227493	SSF x LoA	-8,21415881	-0,114	0,296
CHR4	23227502	CHR4:23227502	SSF x LoA	-9,05549544	0,078	0,311
CHR4	23228319	CHR4:23228319	SSF x LoA	-10,9543072	0,100	0,297
CHR4	23233221	CHR4:23233221	SSF x LoA	-10,0685304	-0,060	0,307
CHR4	23248343	CHR4:23248343	SSF x LoA	-2,40961526	-0,032	0,314
CHR4	23248372	CHR4:23248372	SSF x LoA	-9,56670238	0,037	0,305
CHR4	23248391	CHR4:23248391	SSF x LoA	-9,68459763	-0,072	0,308
CHR4	23248434	CHR4:23248434	SSF x LoA	-8,30357	0,057	0,306
CHR4	23250943	CHR4:23250943	SSF x LoA	-8,22416165	0,174	0,295
CHR4	23251177	CHR4:23251177	SSF x LoA	-8,01446199	-0,173	0,304

CHR4	23254101	CHR4:23254101	SSF x LoA	-7,05179103	-0,093	0,315
CHR4	23254267	CHR4:23254267	SSF x LoA	-11,7435723	-0,037	0,306
CHR4	2325643	CHR4:2325643	SSF x LoA	-8,22792873	0,079	0,315
CHR4	2325650	CHR4:2325650	SSF x LoA	-8,29645873	-0,079	0,312
CHR4	23260011	CHR4:23260011	SSF x LoA	-4,22526692	-0,030	0,312
CHR4	23260086	CHR4:23260086	SSF x LoA	-11,3138217	0,019	0,303
CHR4	23260119	CHR4:23260119	SSF x LoA	-10,1203046	-0,028	0,311
CHR4	23260140	CHR4:23260140	SSF x LoA	-5,38564363	-0,046	0,303
CHR4	23260146	CHR4:23260146	SSF x LoA	-8,78847245	-0,077	0,321
CHR4	23260236	CHR4:23260236	SSF x LoA	-10,189776	0,093	0,296
CHR4	23275740	CHR4:23275740	SSF x LoA	-6,77837701	0,132	0,312
CHR4	23275765	CHR4:23275765	SSF x LoA	-7,91543269	-0,103	0,301
CHR4	23275808	CHR4:23275808	SSF x LoA	-8,6269702	-0,050	0,304
CHR4	23279196	CHR4:23279196	SSF x LoA	4,00660283	-0,002	0,303
CHR4	23279235	CHR4:23279235	SSF x LoA	-7,14307218	0,154	0,288
CHR4	23279253	CHR4:23279253	SSF x LoA	-9,5515306	-0,038	0,306
CHR4	23279303	CHR4:23279303	SSF x LoA	-6,68290744	-0,115	0,305
CHR4	23279340	CHR4:23279340	SSF x LoA	-8,97068309	0,032	0,313
CHR4	23279343	CHR4:23279343	SSF x LoA	-11,7830724	0,058	0,294
CHR4	23279346	CHR4:23279346	SSF x LoA	-9,65129593	0,007	0,306
CHR4	23279378	CHR4:23279378	SSF x LoA	-7,806771	0,035	0,315
CHR4	23297771	CHR4:23297771	SSF x LoA	-9,80942045	-0,051	0,314
CHR4	23297783	CHR4:23297783	SSF x LoA	-8,47925622	-0,086	0,304
CHR4	23297811	CHR4:23297811	SSF x LoA	-10,3621671	-0,095	0,311
CHR4	23297835	CHR4:23297835	SSF x LoA	-10,7608782	-0,091	0,308
CHR4	23297848	CHR4:23297848	SSF x LoA	-9,83232704	-0,090	0,321
CHR4	23297866	CHR4:23297866	SSF x LoA	-9,5809906	-0,121	0,309
CHR4	23309708	CHR4:23309708	SSF x LoA	-9,8133115	0,080	0,301
CHR4	23309807	CHR4:23309807	SSF x LoA	-8,2324665	-0,073	0,306
CHR4	23338236	CHR4:23338236	SSF x LoA	-8,09027863	-0,167	0,307
CHR4	23340597	CHR4:23340597	SSF x LoA	-6,4105371	0,010	0,316
CHR4	23340618	CHR4:23340618	SSF x LoA	-8,70164355	-0,012	0,285
CHR4	23340652	CHR4:23340652	SSF x LoA	-9,10312358	-0,080	0,305
CHR4	23340655	CHR4:23340655	SSF x LoA	-8,16225582	0,074	0,311
CHR4	23340658	CHR4:23340658	SSF x LoA	-8,89272607	0,024	0,314
CHR4	23340698	CHR4:23340698	SSF x LoA	-8,40332105	0,032	0,309
CHR4	23340721	CHR4:23340721	SSF x LoA	-10,6126978	0,015	0,319
CHR4	23340827	CHR4:23340827	SSF x LoA	-8,01571254	0,034	0,311
CHR4	2335309	CHR4:2335309	SSF x LoA	-7,54406368	0,126	0,293
CHR4	2335317	CHR4:2335317	SSF x LoA	-5,79223077	0,154	0,298
CHR4	2335329	CHR4:2335329	SSF x LoA	-4,984721	0,130	0,298
CHR4	2335331	CHR4:2335331	SSF x LoA	-10,4103219	-0,012	0,293
CHR4	2335364	CHR4:2335364	SSF x LoA	-9,93381238	0,145	0,288
CHR4	2335412	CHR4:2335412	SSF x LoA	-8,89452383	-0,144	0,308
CHR4	23360078	CHR4:23360078	SSF x LoA	-9,91212612	-0,027	0,311
CHR4	23360085	CHR4:23360085	SSF x LoA	-10,15114	-0,045	0,311
CHR4	23360108	CHR4:23360108	SSF x LoA	-8,9766006	0,048	0,311
CHR4	23360932	CHR4:23360932	SSF x LoA	-9,22034107	0,056	0,310
CHR4	23375319	CHR4:23375319	SSF x LoA	-10,3946435	-0,048	0,314
CHR4	23375358	CHR4:23375358	SSF x LoA	-9,37662799	-0,004	0,305
CHR4	23375402	CHR4:23375402	SSF x LoA	-10,9464353	-0,047	0,300
CHR4	23381909	CHR4:23381909	SSF x LoA	-7,96874428	-0,016	0,309
CHR4	23381935	CHR4:23381935	SSF x LoA	-8,45597231	0,025	0,311

CHR4	23386624	CHR4:23386624	SSF x LoA	-8,22384683	0,083	0,298
CHR4	23386659	CHR4:23386659	SSF x LoA	-3,49593915	-0,102	0,300
CHR4	23386740	CHR4:23386740	SSF x LoA	-10,4589177	-0,030	0,303
CHR4	23386743	CHR4:23386743	SSF x LoA	-11,4632606	-0,022	0,296
CHR4	23386850	CHR4:23386850	SSF x LoA	9,07713137	0,034	0,302
CHR4	23386859	CHR4:23386859	SSF x LoA	-7,87605833	0,202	0,294
CHR4	2338937	CHR4:2338937	SSF x LoA	-9,9249891	0,075	0,305
CHR4	2338948	CHR4:2338948	SSF x LoA	-10,3931787	-0,033	0,306
CHR4	2339036	CHR4:2339036	SSF x LoA	-4,05714819	-0,185	0,295
CHR4	23392495	CHR4:23392495	SSF x LoA	-5,97015568	0,033	0,318
CHR4	23392498	CHR4:23392498	SSF x LoA	-10,3137038	-0,068	0,304
CHR4	23392531	CHR4:23392531	SSF x LoA	-8,73655271	-0,175	0,292
CHR4	23392702	CHR4:23392702	SSF x LoA	-8,5465135	0,166	0,291
CHR4	23398417	CHR4:23398417	SSF x LoA	-9,33478652	0,001	0,297
CHR4	23399857	CHR4:23399857	SSF x LoA	-11,6161663	-0,096	0,284
CHR4	2340986	CHR4:2340986	SSF x LoA	-10,4157372	0,013	0,302
CHR4	2341092	CHR4:2341092	SSF x LoA	-8,94723058	0,157	0,295
CHR4	2341169	CHR4:2341169	SSF x LoA	-8,55711693	-0,016	0,304
CHR4	23420052	CHR4:23420052	SSF x LoA	-8,94940964	0,091	0,310
CHR4	2345592	CHR4:2345592	SSF x LoA	-7,5212931	-0,033	0,326
CHR4	2345604	CHR4:2345604	SSF x LoA	-7,17547731	-0,155	0,305
CHR4	2346564	CHR4:2346564	SSF x LoA	-4,3338356	-0,208	0,292
CHR4	23469341	CHR4:23469341	SSF x LoA	-7,29087136	-0,169	0,288
CHR4	23469347	CHR4:23469347	SSF x LoA	-9,26563416	0,083	0,321
CHR4	23470388	CHR4:23470388	SSF x LoA	-8,98198835	0,086	0,319
CHR4	23470395	CHR4:23470395	SSF x LoA	-4,25660623	-0,194	0,309
CHR4	23470452	CHR4:23470452	SSF x LoA	-6,04903435	-0,147	0,306
CHR4	23470455	CHR4:23470455	SSF x LoA	4,55832896	-0,121	0,301
CHR4	23470497	CHR4:23470497	SSF x LoA	-11,8475853	-0,027	0,303
CHR4	23470549	CHR4:23470549	SSF x LoA	-10,0618231	-0,067	0,318
CHR4	23470734	CHR4:23470734	SSF x LoA	-8,70114738	-0,036	0,308
CHR4	23474281	CHR4:23474281	SSF x LoA	-9,61292862	0,069	0,296
CHR4	23474491	CHR4:23474491	SSF x LoA	-9,44455731	-0,056	0,298
CHR4	23482077	CHR4:23482077	SSF x LoA	-9,86419603	-0,007	0,304
CHR4	23482121	CHR4:23482121	SSF x LoA	-7,97882405	0,003	0,323
CHR4	23482145	CHR4:23482145	SSF x LoA	-7,48405898	-0,054	0,307
CHR4	23482173	CHR4:23482173	SSF x LoA	-5,72098929	0,096	0,311
CHR4	23482180	CHR4:23482180	SSF x LoA	-8,7398267	-0,035	0,311
CHR4	23496552	CHR4:23496552	SSF x LoA	-10,0338942	-0,016	0,312
CHR4	23496625	CHR4:23496625	SSF x LoA	-10,237311	0,082	0,299
CHR4	23496744	CHR4:23496744	SSF x LoA	-9,50022469	-0,054	0,318
CHR4	23498907	CHR4:23498907	SSF x LoA	-9,96626164	0,004	0,302
CHR4	23498914	CHR4:23498914	SSF x LoA	-11,3622092	-0,131	0,298
CHR4	23498959	CHR4:23498959	SSF x LoA	-11,4538902	0,060	0,308
CHR4	23499031	CHR4:23499031	SSF x LoA	-8,19741827	0,145	0,308
CHR4	23499032	CHR4:23499032	SSF x LoA	-5,58449077	0,122	0,310
CHR4	23499039	CHR4:23499039	SSF x LoA	-5,61061301	-0,117	0,307
CHR4	23499066	CHR4:23499066	SSF x LoA	-11,1576636	0,003	0,293
CHR4	23499097	CHR4:23499097	SSF x LoA	-6,37055049	0,096	0,299
CHR4	23502762	CHR4:23502762	SSF x LoA	-9,40946929	0,040	0,296
CHR4	23502769	CHR4:23502769	SSF x LoA	-9,68200406	0,012	0,305
CHR4	23502861	CHR4:23502861	SSF x LoA	-7,89881816	-0,043	0,328
CHR4	23502923	CHR4:23502923	SSF x LoA	-11,0145353	0,024	0,295

CHR4	23528764	CHR4:23528764	SSF x LoA	-8,06228986	-0,101	0,310
CHR4	23536296	CHR4:23536296	SSF x LoA	-9,03357789	0,023	0,317
CHR4	23536345	CHR4:23536345	SSF x LoA	-6,37383141	0,155	0,299
CHR4	23536346	CHR4:23536346	SSF x LoA	-11,3171812	0,040	0,303
CHR4	23536394	CHR4:23536394	SSF x LoA	-7,38475701	0,148	0,300
CHR4	23536395	CHR4:23536395	SSF x LoA	-4,67125067	0,172	0,305
CHR4	23550853	CHR4:23550853	SSF x LoA	-8,63717816	0,042	0,302
CHR4	23550862	CHR4:23550862	SSF x LoA	-10,3145962	0,072	0,312
CHR4	23550958	CHR4:23550958	SSF x LoA	-3,27730208	-0,196	0,300
CHR4	23551828	CHR4:23551828	SSF x LoA	-10,7798745	-0,109	0,308
CHR4	23551922	CHR4:23551922	SSF x LoA	-10,2006007	0,081	0,297
CHR4	23566870	CHR4:23566870	SSF x LoA	-9,85276433	-0,023	0,303
CHR4	23566876	CHR4:23566876	SSF x LoA	-7,79202339	0,040	0,317
CHR4	23566889	CHR4:23566889	SSF x LoA	-6,98024922	-0,108	0,313
CHR4	23566893	CHR4:23566893	SSF x LoA	-7,79081557	-0,044	0,311
CHR4	23566918	CHR4:23566918	SSF x LoA	-9,85650842	-0,046	0,309
CHR4	23566927	CHR4:23566927	SSF x LoA	-8,13345508	-0,030	0,317
CHR4	23566936	CHR4:23566936	SSF x LoA	-8,25682304	-0,040	0,315
CHR4	23566951	CHR4:23566951	SSF x LoA	-9,4449359	-0,045	0,300
CHR4	23567002	CHR4:23567002	SSF x LoA	-8,50851697	-0,001	0,312
CHR4	23567069	CHR4:23567069	SSF x LoA	-8,86257613	0,131	0,309
CHR4	23567070	CHR4:23567070	SSF x LoA	-6,70971604	0,013	0,298
CHR4	23569191	CHR4:23569191	SSF x LoA	-7,80508346	-0,171	0,286
CHR4	23577121	CHR4:23577121	SSF x LoA	-8,60806847	0,076	0,304
CHR4	23577182	CHR4:23577182	SSF x LoA	-10,1030386	-0,014	0,291
CHR4	23577194	CHR4:23577194	SSF x LoA	-11,174262	0,089	0,300
CHR4	23577464	CHR4:23577464	SSF x LoA	-2,92264007	-0,118	0,304
CHR4	23577513	CHR4:23577513	SSF x LoA	-11,5876747	0,008	0,312
CHR4	23577519	CHR4:23577519	SSF x LoA	-12,2970133	-0,017	0,304
CHR4	23579989	CHR4:23579989	SSF x LoA	-9,06020275	-0,097	0,315
CHR4	23580054	CHR4:23580054	SSF x LoA	-5,48555241	-0,066	0,321
CHR4	23580055	CHR4:23580055	SSF x LoA	-10,6465428	-0,078	0,301
CHR4	23580109	CHR4:23580109	SSF x LoA	-9,85401759	-0,094	0,312
CHR4	23582795	CHR4:23582795	SSF x LoA	-8,89214783	0,101	0,293
CHR4	23582834	CHR4:23582834	SSF x LoA	-9,13332952	0,042	0,307
CHR4	23582845	CHR4:23582845	SSF x LoA	-9,26760051	0,092	0,303
CHR4	23582958	CHR4:23582958	SSF x LoA	-12,2217508	-0,068	0,302
CHR4	23582967	CHR4:23582967	SSF x LoA	-3,41691476	-0,087	0,300
CHR4	23589510	CHR4:23589510	SSF x LoA	-7,66505896	0,058	0,312
CHR4	23591589	CHR4:23591589	SSF x LoA	-8,49437392	0,072	0,308
CHR4	23593384	CHR4:23593384	SSF x LoA	-9,29872239	0,064	0,300
CHR4	23593402	CHR4:23593402	SSF x LoA	-8,2172587	-0,028	0,309
CHR4	23593468	CHR4:23593468	SSF x LoA	-8,35958562	0,025	0,307
CHR4	23593487	CHR4:23593487	SSF x LoA	-7,64493627	0,015	0,304
CHR4	23598295	CHR4:23598295	SSF x LoA	-9,05911692	0,023	0,309
CHR4	23598306	CHR4:23598306	SSF x LoA	-11,2649299	0,058	0,300
CHR4	23598332	CHR4:23598332	SSF x LoA	-9,90223153	0,076	0,307
CHR4	23598346	CHR4:23598346	SSF x LoA	-8,67825367	-0,045	0,317
CHR4	23602115	CHR4:23602115	SSF x LoA	-10,3213925	0,098	0,307
CHR4	23602116	CHR4:23602116	SSF x LoA	-9,5722681	0,081	0,309
CHR4	2360277	CHR4:2360277	SSF x LoA	-11,6832787	-0,071	0,303
CHR4	2360350	CHR4:2360350	SSF x LoA	-8,45780587	-0,011	0,311
CHR4	2360386	CHR4:2360386	SSF x LoA	-10,3207062	-0,001	0,319

CHR4	23613044	CHR4:23613044	SSF x LoA	-7,8317845	0,034	0,305
CHR4	23613665	CHR4:23613665	SSF x LoA	-11,2690347	0,048	0,305
CHR4	23623640	CHR4:23623640	SSF x LoA	-10,6967959	-0,020	0,301
CHR4	23623649	CHR4:23623649	SSF x LoA	-8,90068725	-0,002	0,313
CHR4	23623668	CHR4:23623668	SSF x LoA	-7,22952945	0,059	0,307
CHR4	23623692	CHR4:23623692	SSF x LoA	-10,5333747	0,000	0,317
CHR4	23623703	CHR4:23623703	SSF x LoA	-9,17354013	-0,052	0,317
CHR4	23623714	CHR4:23623714	SSF x LoA	-8,913488	-0,064	0,290
CHR4	23623759	CHR4:23623759	SSF x LoA	-6,01928489	-0,180	0,296
CHR4	23623773	CHR4:23623773	SSF x LoA	-10,9504846	-0,037	0,309
CHR4	23623824	CHR4:23623824	SSF x LoA	-11,1191319	-0,006	0,313
CHR4	2363406	CHR4:2363406	SSF x LoA	-10,225082	0,160	0,295
CHR4	2363469	CHR4:2363469	SSF x LoA	-11,3863522	0,040	0,293
CHR4	2363517	CHR4:2363517	SSF x LoA	-10,8354831	-0,001	0,293
CHR4	23636709	CHR4:23636709	SSF x LoA	-7,77230449	0,031	0,314
CHR4	23636714	CHR4:23636714	SSF x LoA	-5,19583418	-0,031	0,302
CHR4	23636719	CHR4:23636719	SSF x LoA	-7,44801483	0,141	0,289
CHR4	23636727	CHR4:23636727	SSF x LoA	-10,1408772	0,027	0,314
CHR4	23636728	CHR4:23636728	SSF x LoA	-11,2467462	-0,011	0,308
CHR4	23636768	CHR4:23636768	SSF x LoA	-9,29767573	-0,068	0,302
CHR4	23641608	CHR4:23641608	SSF x LoA	-6,60568934	0,150	0,296
CHR4	23641663	CHR4:23641663	SSF x LoA	-9,81731129	0,109	0,296
CHR4	23641827	CHR4:23641827	SSF x LoA	-6,84008015	0,111	0,309
CHR4	23644974	CHR4:23644974	SSF x LoA	-9,61279661	-0,004	0,306
CHR4	2364702	CHR4:2364702	SSF x LoA	-8,562184	-0,036	0,318
CHR4	23654240	CHR4:23654240	SSF x LoA	-5,7178073	0,032	0,317
CHR4	23654251	CHR4:23654251	SSF x LoA	-7,64920696	-0,005	0,302
CHR4	23654263	CHR4:23654263	SSF x LoA	-11,1299236	-0,049	0,303
CHR4	23654269	CHR4:23654269	SSF x LoA	-8,79440973	-0,039	0,302
CHR4	23654270	CHR4:23654270	SSF x LoA	-8,9869901	-0,025	0,318
CHR4	23654304	CHR4:23654304	SSF x LoA	-8,91615794	0,053	0,306
CHR4	23654307	CHR4:23654307	SSF x LoA	-8,47641179	-0,137	0,296
CHR4	23654324	CHR4:23654324	SSF x LoA	-8,44005882	0,068	0,307
CHR4	23654341	CHR4:23654341	SSF x LoA	-8,69303385	-0,056	0,300
CHR4	23654349	CHR4:23654349	SSF x LoA	-8,78756363	-0,015	0,308
CHR4	23654410	CHR4:23654410	SSF x LoA	-8,2717364	0,000	0,302
CHR4	23654414	CHR4:23654414	SSF x LoA	-10,2540621	-0,048	0,320
CHR4	23654449	CHR4:23654449	SSF x LoA	-10,7518459	0,088	0,318
CHR4	23654458	CHR4:23654458	SSF x LoA	-9,30437286	0,037	0,314
CHR4	23660370	CHR4:23660370	SSF x LoA	-11,6832217	0,025	0,308
CHR4	23660436	CHR4:23660436	SSF x LoA	-8,76026981	-0,041	0,310
CHR4	23660486	CHR4:23660486	SSF x LoA	-3,13245015	-0,026	0,313
CHR4	23660548	CHR4:23660548	SSF x LoA	-9,28399422	0,031	0,314
CHR4	23660567	CHR4:23660567	SSF x LoA	-9,25522016	0,027	0,314
CHR4	23660588	CHR4:23660588	SSF x LoA	-4,76800191	-0,147	0,296
CHR4	23664726	CHR4:23664726	SSF x LoA	-9,29302844	-0,093	0,308
CHR4	23664758	CHR4:23664758	SSF x LoA	-2,47925081	-0,052	0,310
CHR4	23664941	CHR4:23664941	SSF x LoA	-9,69039606	-0,010	0,316
CHR4	23671377	CHR4:23671377	SSF x LoA	-7,9693845	0,157	0,315
CHR4	23671432	CHR4:23671432	SSF x LoA	0,35219251	0,086	0,311
CHR4	23681476	CHR4:23681476	SSF x LoA	-11,5457235	0,015	0,310
CHR4	23681785	CHR4:23681785	SSF x LoA	-10,3224002	0,089	0,303
CHR4	23685889	CHR4:23685889	SSF x LoA	-3,86890114	-0,117	0,306

CHR4	23688848	CHR4:23688848	SSF x LoA	-7,21320578	0,121	0,305
CHR4	23689650	CHR4:23689650	SSF x LoA	-10,683143	0,009	0,312
CHR4	23689651	CHR4:23689651	SSF x LoA	-11,8540055	-0,027	0,308
CHR4	23696632	CHR4:23696632	SSF x LoA	-7,52255814	0,164	0,293
CHR4	23696641	CHR4:23696641	SSF x LoA	-5,25008661	0,150	0,305
CHR4	23696864	CHR4:23696864	SSF x LoA	-9,67977025	0,035	0,308
CHR4	23696887	CHR4:23696887	SSF x LoA	-9,73654078	0,080	0,306
CHR4	23701176	CHR4:23701176	SSF x LoA	-6,24566725	0,088	0,309
CHR4	23701181	CHR4:23701181	SSF x LoA	-7,33061642	0,051	0,316
CHR4	23701253	CHR4:23701253	SSF x LoA	-9,34664325	0,002	0,303
CHR4	23702666	CHR4:23702666	SSF x LoA	-8,10263006	0,090	0,313
CHR4	23719821	CHR4:23719821	SSF x LoA	-8,19302519	0,030	0,307
CHR4	23719825	CHR4:23719825	SSF x LoA	-8,19701631	-0,005	0,309
CHR4	23719831	CHR4:23719831	SSF x LoA	-7,33264872	0,065	0,314
CHR4	23719834	CHR4:23719834	SSF x LoA	-9,19568212	0,057	0,294
CHR4	23719839	CHR4:23719839	SSF x LoA	-9,02853702	0,045	0,303
CHR4	23719847	CHR4:23719847	SSF x LoA	-11,1677761	-0,085	0,295
CHR4	23719862	CHR4:23719862	SSF x LoA	-7,91758524	-0,039	0,310
CHR4	23720008	CHR4:23720008	SSF x LoA	-9,56653074	-0,092	0,297
CHR4	23722544	CHR4:23722544	SSF x LoA	-7,78833493	-0,020	0,314
CHR4	23722785	CHR4:23722785	SSF x LoA	-10,9233344	0,047	0,307
CHR4	23724835	CHR4:23724835	SSF x LoA	-5,7550697	-0,014	0,308
CHR4	23724909	CHR4:23724909	SSF x LoA	-7,57593427	-0,009	0,304
CHR4	23724924	CHR4:23724924	SSF x LoA	-7,81091979	0,041	0,306
CHR4	23724939	CHR4:23724939	SSF x LoA	-8,17565806	0,011	0,307
CHR4	23724957	CHR4:23724957	SSF x LoA	-10,7593351	0,097	0,289
CHR4	23735227	CHR4:23735227	SSF x LoA	-10,1600683	-0,058	0,304
CHR4	23739417	CHR4:23739417	SSF x LoA	-11,3754224	-0,006	0,310
CHR4	2375213	CHR4:2375213	SSF x LoA	7,52990948	-0,011	0,295
CHR4	23753301	CHR4:23753301	SSF x LoA	-8,86877025	-0,005	0,310
CHR4	23755146	CHR4:23755146	SSF x LoA	-9,26485015	-0,116	0,307
CHR4	23755177	CHR4:23755177	SSF x LoA	-8,89060852	0,029	0,306
CHR4	23755178	CHR4:23755178	SSF x LoA	-5,98482635	0,057	0,300
CHR4	23755206	CHR4:23755206	SSF x LoA	-8,93316527	0,015	0,303
CHR4	23755224	CHR4:23755224	SSF x LoA	-9,51487958	0,009	0,303
CHR4	23755550	CHR4:23755550	SSF x LoA	-6,39827919	0,077	0,304
CHR4	23755609	CHR4:23755609	SSF x LoA	-8,53162527	0,045	0,304
CHR4	23755627	CHR4:23755627	SSF x LoA	-8,23614865	-0,089	0,310
CHR4	23761534	CHR4:23761534	SSF x LoA	-5,5159242	-0,082	0,301
CHR4	23761755	CHR4:23761755	SSF x LoA	-10,254628	-0,020	0,311
CHR4	23776689	CHR4:23776689	SSF x LoA	-5,21611029	0,235	0,296
CHR4	23776757	CHR4:23776757	SSF x LoA	-7,82857686	-0,216	0,292
CHR4	23776767	CHR4:23776767	SSF x LoA	-5,8443952	-0,126	0,296
CHR4	23786628	CHR4:23786628	SSF x LoA	-8,91536419	0,005	0,313
CHR4	23786630	CHR4:23786630	SSF x LoA	-9,25610474	0,043	0,318
CHR4	23786693	CHR4:23786693	SSF x LoA	-7,81119052	0,031	0,304
CHR4	23786706	CHR4:23786706	SSF x LoA	-11,3100203	0,079	0,307
CHR4	23786708	CHR4:23786708	SSF x LoA	-8,63259108	-0,056	0,302
CHR4	23786719	CHR4:23786719	SSF x LoA	-8,84888609	-0,005	0,311
CHR4	23787478	CHR4:23787478	SSF x LoA	-9,15692125	-0,059	0,304
CHR4	23787506	CHR4:23787506	SSF x LoA	-10,281454	-0,010	0,298
CHR4	23787542	CHR4:23787542	SSF x LoA	-8,44223837	-0,117	0,289
CHR4	23787556	CHR4:23787556	SSF x LoA	-7,15569194	0,127	0,304

CHR4	23787558	CHR4:23787558	SSF x LoA	-3,74791423	-0,158	0,284
CHR4	23787561	CHR4:23787561	SSF x LoA	-8,38355247	0,045	0,301
CHR4	23787579	CHR4:23787579	SSF x LoA	-8,71536952	0,116	0,293
CHR4	23792993	CHR4:23792993	SSF x LoA	-10,3892066	0,030	0,301
CHR4	23793020	CHR4:23793020	SSF x LoA	-8,31101471	0,014	0,304
CHR4	23793039	CHR4:23793039	SSF x LoA	-11,1245806	0,038	0,309
CHR4	23793088	CHR4:23793088	SSF x LoA	-7,25661697	-0,133	0,305
CHR4	23798792	CHR4:23798792	SSF x LoA	-9,5530008	0,030	0,301
CHR4	23798824	CHR4:23798824	SSF x LoA	-10,0657481	0,034	0,324
CHR4	23799646	CHR4:23799646	SSF x LoA	-8,92751049	0,045	0,304
CHR4	23801699	CHR4:23801699	SSF x LoA	-8,86086595	-0,092	0,312
CHR4	23801722	CHR4:23801722	SSF x LoA	-11,3466669	-0,024	0,309
CHR4	23801765	CHR4:23801765	SSF x LoA	-7,78249748	0,070	0,313
CHR4	23801786	CHR4:23801786	SSF x LoA	-7,94947234	0,058	0,306
CHR4	23801803	CHR4:23801803	SSF x LoA	-8,47505027	0,082	0,306
CHR4	23801817	CHR4:23801817	SSF x LoA	-10,8713512	-0,019	0,316
CHR4	23801843	CHR4:23801843	SSF x LoA	-7,97519069	0,104	0,314
CHR4	23801902	CHR4:23801902	SSF x LoA	-11,1529965	0,012	0,304
CHR4	23801925	CHR4:23801925	SSF x LoA	-12,4770313	0,073	0,293
CHR4	23805655	CHR4:23805655	SSF x LoA	-9,12801568	-0,088	0,318
CHR4	23805823	CHR4:23805823	SSF x LoA	-10,6221864	0,032	0,297
CHR4	23822452	CHR4:23822452	SSF x LoA	-11,3145046	-0,060	0,302
CHR4	23822564	CHR4:23822564	SSF x LoA	-10,6928508	0,010	0,296
CHR4	23822574	CHR4:23822574	SSF x LoA	-8,83556276	-0,077	0,291
CHR4	23822592	CHR4:23822592	SSF x LoA	-8,47113182	-0,031	0,292
CHR4	23832117	CHR4:23832117	SSF x LoA	-9,99114166	0,044	0,320
CHR4	23836267	CHR4:23836267	SSF x LoA	-10,8956867	-0,024	0,308
CHR4	23836333	CHR4:23836333	SSF x LoA	-9,05319746	0,030	0,306
CHR4	23842188	CHR4:23842188	SSF x LoA	-5,18581681	0,137	0,311
CHR4	2384518	CHR4:2384518	SSF x LoA	-7,4970983	-0,152	0,300
CHR4	2384535	CHR4:2384535	SSF x LoA	-6,92299234	-0,125	0,307
CHR4	2384554	CHR4:2384554	SSF x LoA	-1,95027877	-0,264	0,286
CHR4	2384558	CHR4:2384558	SSF x LoA	5,71647405	-0,281	0,293
CHR4	23845699	CHR4:23845699	SSF x LoA	-10,4882571	0,005	0,311
CHR4	2384576	CHR4:2384576	SSF x LoA	-9,22405686	-0,082	0,312
CHR4	23845760	CHR4:23845760	SSF x LoA	-10,9388371	-0,019	0,296
CHR4	23845764	CHR4:23845764	SSF x LoA	-8,91933552	-0,058	0,299
CHR4	23845775	CHR4:23845775	SSF x LoA	-10,0587578	0,123	0,305
CHR4	23850942	CHR4:23850942	SSF x LoA	-9,17663432	-0,016	0,298
CHR4	23850946	CHR4:23850946	SSF x LoA	-7,07519469	-0,113	0,303
CHR4	23850951	CHR4:23850951	SSF x LoA	-8,66648961	0,075	0,307
CHR4	23851010	CHR4:23851010	SSF x LoA	-4,86376057	-0,070	0,314
CHR4	23851017	CHR4:23851017	SSF x LoA	-6,76133583	0,152	0,300
CHR4	23864911	CHR4:23864911	SSF x LoA	-11,1738287	0,032	0,310
CHR4	23864934	CHR4:23864934	SSF x LoA	-10,9358022	0,061	0,306
CHR4	23864941	CHR4:23864941	SSF x LoA	-11,2549331	-0,084	0,306
CHR4	23875759	CHR4:23875759	SSF x LoA	-6,60345176	-0,219	0,283
CHR4	23875945	CHR4:23875945	SSF x LoA	-10,5941997	-0,092	0,319
CHR4	23875947	CHR4:23875947	SSF x LoA	-9,17284179	-0,054	0,309
CHR4	23876854	CHR4:23876854	SSF x LoA	-9,60718837	-0,033	0,289
CHR4	23876863	CHR4:23876863	SSF x LoA	-10,3910644	-0,083	0,306
CHR4	23876905	CHR4:23876905	SSF x LoA	-8,5878233	-0,092	0,307
CHR4	23876952	CHR4:23876952	SSF x LoA	-11,2735985	-0,015	0,315

CHR4	23883627	CHR4:23883627	SSF x LoA	-9,82256429	-0,080	0,309
CHR4	23883688	CHR4:23883688	SSF x LoA	-7,40970532	-0,162	0,302
CHR4	23883726	CHR4:23883726	SSF x LoA	-4,93117914	0,107	0,290
CHR4	23883749	CHR4:23883749	SSF x LoA	-8,26934114	0,082	0,301
CHR4	23883795	CHR4:23883795	SSF x LoA	-11,5521725	-0,046	0,323
CHR4	23883880	CHR4:23883880	SSF x LoA	-11,5225069	0,009	0,302
CHR4	23885088	CHR4:23885088	SSF x LoA	-5,41563439	-0,102	0,310
CHR4	23910211	CHR4:23910211	SSF x LoA	-11,118501	-0,001	0,318
CHR4	23910259	CHR4:23910259	SSF x LoA	-12,0937382	0,012	0,302
CHR4	23910265	CHR4:23910265	SSF x LoA	-8,09486712	-0,031	0,308
CHR4	23910270	CHR4:23910270	SSF x LoA	-10,3217665	-0,006	0,308
CHR4	23910288	CHR4:23910288	SSF x LoA	-11,5494666	0,030	0,301
CHR4	23914636	CHR4:23914636	SSF x LoA	-7,10071414	-0,086	0,308
CHR4	23914659	CHR4:23914659	SSF x LoA	-9,91037279	-0,069	0,296
CHR4	23914674	CHR4:23914674	SSF x LoA	-5,40043642	0,115	0,313
CHR4	23914767	CHR4:23914767	SSF x LoA	-3,17194152	-0,097	0,309
CHR4	23914816	CHR4:23914816	SSF x LoA	-8,23650001	-0,041	0,305
CHR4	23914840	CHR4:23914840	SSF x LoA	-9,49234075	-0,105	0,290
CHR4	23914849	CHR4:23914849	SSF x LoA	-9,45752518	-0,002	0,307
CHR4	2393075	CHR4:2393075	SSF x LoA	-8,10253699	-0,099	0,304
CHR4	2393117	CHR4:2393117	SSF x LoA	-7,54215599	-0,065	0,314
CHR4	23931317	CHR4:23931317	SSF x LoA	-11,6386242	-0,133	0,296
CHR4	23931326	CHR4:23931326	SSF x LoA	-10,3990881	-0,073	0,296
CHR4	2393176	CHR4:2393176	SSF x LoA	-9,84288477	-0,022	0,312
CHR4	23934006	CHR4:23934006	SSF x LoA	-7,91073796	0,063	0,307
CHR4	23934013	CHR4:23934013	SSF x LoA	-9,33617382	0,139	0,302
CHR4	23934077	CHR4:23934077	SSF x LoA	-6,88912731	0,140	0,319
CHR4	23934161	CHR4:23934161	SSF x LoA	-6,30631725	0,060	0,281
CHR4	23934196	CHR4:23934196	SSF x LoA	-9,67962871	0,013	0,287
CHR4	23934247	CHR4:23934247	SSF x LoA	-8,18426152	-0,040	0,299
CHR4	23934255	CHR4:23934255	SSF x LoA	-7,71619705	-0,031	0,299
CHR4	23940781	CHR4:23940781	SSF x LoA	-8,44823732	0,034	0,315
CHR4	23940884	CHR4:23940884	SSF x LoA	-8,94615051	-0,062	0,312
CHR4	23941003	CHR4:23941003	SSF x LoA	-3,21181872	0,184	0,296
CHR4	23945628	CHR4:23945628	SSF x LoA	-10,5092568	0,029	0,310
CHR4	23945683	CHR4:23945683	SSF x LoA	-7,75754955	-0,117	0,306
CHR4	23945784	CHR4:23945784	SSF x LoA	-5,85045143	-0,148	0,283
CHR4	23947117	CHR4:23947117	SSF x LoA	-5,80732237	-0,098	0,297
CHR4	23947140	CHR4:23947140	SSF x LoA	-8,25690911	0,110	0,310
CHR4	23948672	CHR4:23948672	SSF x LoA	-10,2389441	-0,057	0,297
CHR4	23948674	CHR4:23948674	SSF x LoA	-10,7785696	-0,058	0,308
CHR4	23948720	CHR4:23948720	SSF x LoA	-8,79576363	-0,049	0,311
CHR4	23959247	CHR4:23959247	SSF x LoA	-4,48138473	-0,019	0,310
CHR4	23959252	CHR4:23959252	SSF x LoA	-8,61862435	0,024	0,315
CHR4	23959298	CHR4:23959298	SSF x LoA	-7,14605243	0,162	0,298
CHR4	23965245	CHR4:23965245	SSF x LoA	-7,7991723	0,130	0,302
CHR4	23965347	CHR4:23965347	SSF x LoA	-8,64088203	-0,058	0,308
CHR4	23974992	CHR4:23974992	SSF x LoA	-10,456437	-0,074	0,308
CHR4	23974995	CHR4:23974995	SSF x LoA	-11,2747193	0,014	0,312
CHR4	23975060	CHR4:23975060	SSF x LoA	-11,3176416	0,059	0,303
CHR4	23975106	CHR4:23975106	SSF x LoA	-11,7055454	0,030	0,313
CHR4	23975115	CHR4:23975115	SSF x LoA	-11,3962197	0,025	0,304
CHR4	23975138	CHR4:23975138	SSF x LoA	-9,68096056	-0,055	0,299

CHR4	23975196	CHR4:23975196	SSF x LoA	-10,8478746	0,087	0,311
CHR4	23975201	CHR4:23975201	SSF x LoA	-8,40580025	-0,070	0,310
CHR4	23989302	CHR4:23989302	SSF x LoA	-8,62955043	-0,085	0,312
CHR4	23989321	CHR4:23989321	SSF x LoA	-11,3007469	0,044	0,315
CHR4	23989376	CHR4:23989376	SSF x LoA	-9,03816426	-0,043	0,302
CHR4	23989384	CHR4:23989384	SSF x LoA	-8,22799538	0,022	0,305
CHR4	23989405	CHR4:23989405	SSF x LoA	-10,9518871	-0,106	0,304
CHR4	23989408	CHR4:23989408	SSF x LoA	-6,4259057	-0,008	0,306
CHR4	23990850	CHR4:23990850	SSF x LoA	-4,76744407	-0,067	0,302
CHR4	23990913	CHR4:23990913	SSF x LoA	-8,11369437	0,043	0,304
CHR4	23990916	CHR4:23990916	SSF x LoA	-9,5299315	0,051	0,310
CHR4	23990932	CHR4:23990932	SSF x LoA	-3,38300123	-0,025	0,304
CHR4	23990937	CHR4:23990937	SSF x LoA	-8,4457992	-0,025	0,303
CHR4	23992519	CHR4:23992519	SSF x LoA	-8,90472072	-0,016	0,310
CHR4	23992532	CHR4:23992532	SSF x LoA	-7,61665905	-0,055	0,311
CHR4	24007204	CHR4:24007204	SSF x LoA	-9,19959802	0,014	0,306
CHR4	24007208	CHR4:24007208	SSF x LoA	-8,37952408	-0,069	0,307
CHR4	24007231	CHR4:24007231	SSF x LoA	2,49416021	-0,020	0,315
CHR4	24009820	CHR4:24009820	SSF x LoA	-9,98789253	0,066	0,305
CHR4	24009913	CHR4:24009913	SSF x LoA	-6,32652277	-0,208	0,297
CHR4	24011565	CHR4:24011565	SSF x LoA	-8,81762431	0,019	0,314
CHR4	24013461	CHR4:24013461	SSF x LoA	-6,78574266	-0,133	0,310
CHR4	24013474	CHR4:24013474	SSF x LoA	-8,70375976	0,131	0,305
CHR4	24013503	CHR4:24013503	SSF x LoA	-8,28519554	-0,119	0,298
CHR4	24013592	CHR4:24013592	SSF x LoA	-4,64463188	-0,120	0,303
CHR4	24015254	CHR4:24015254	SSF x LoA	-10,9179897	0,007	0,304
CHR4	24015359	CHR4:24015359	SSF x LoA	-9,38780596	0,056	0,313
CHR4	24015374	CHR4:24015374	SSF x LoA	-8,23097185	-0,043	0,305
CHR4	24019430	CHR4:24019430	SSF x LoA	-9,38540251	0,107	0,312
CHR4	24019504	CHR4:24019504	SSF x LoA	-9,76023538	-0,035	0,318
CHR4	24019566	CHR4:24019566	SSF x LoA	-6,45495536	0,131	0,312
CHR4	24019680	CHR4:24019680	SSF x LoA	-6,95255058	-0,045	0,325
CHR4	24053136	CHR4:24053136	SSF x LoA	-9,6163448	0,004	0,312
CHR4	24057063	CHR4:24057063	SSF x LoA	-11,2434639	0,005	0,315
CHR4	24066766	CHR4:24066766	SSF x LoA	-8,97358962	-0,027	0,302
CHR4	24066825	CHR4:24066825	SSF x LoA	-10,3022782	0,069	0,313
CHR4	24066880	CHR4:24066880	SSF x LoA	-10,6088627	-0,039	0,312
CHR4	24067019	CHR4:24067019	SSF x LoA	-8,52787803	0,061	0,297
CHR4	24072791	CHR4:24072791	SSF x LoA	-9,31071724	-0,039	0,320
CHR4	24072866	CHR4:24072866	SSF x LoA	-8,78753574	-0,030	0,313
CHR4	24072872	CHR4:24072872	SSF x LoA	-9,38938055	0,140	0,288
CHR4	24072883	CHR4:24072883	SSF x LoA	-8,64012019	-0,059	0,313
CHR4	2408508	CHR4:2408508	SSF x LoA	-6,93214248	0,114	0,311
CHR4	24090495	CHR4:24090495	SSF x LoA	-10,7297244	-0,060	0,305
CHR4	24090619	CHR4:24090619	SSF x LoA	-11,7160827	0,052	0,296
CHR4	24094851	CHR4:24094851	SSF x LoA	-8,11608003	-0,121	0,313
CHR4	24104394	CHR4:24104394	SSF x LoA	-7,94554675	-0,152	0,294
CHR4	24104442	CHR4:24104442	SSF x LoA	-9,03417905	0,017	0,315
CHR4	24104488	CHR4:24104488	SSF x LoA	-9,06463892	0,135	0,313
CHR4	24120926	CHR4:24120926	SSF x LoA	-9,85427307	-0,109	0,302
CHR4	24120953	CHR4:24120953	SSF x LoA	-7,49025713	-0,125	0,304
CHR4	24153230	CHR4:24153230	SSF x LoA	-10,8606752	-0,002	0,309
CHR4	24159764	CHR4:24159764	SSF x LoA	-11,18918	-0,062	0,307

CHR4	24169020	CHR4:24169020	SSF x LoA	-8,73792777	0,059	0,307
CHR4	24178454	CHR4:24178454	SSF x LoA	-10,4762087	-0,064	0,308
CHR4	24178563	CHR4:24178563	SSF x LoA	-11,0278295	0,079	0,307
CHR4	24178576	CHR4:24178576	SSF x LoA	-9,16050489	0,076	0,295
CHR4	2418563	CHR4:2418563	SSF x LoA	-10,4292724	0,137	0,296
CHR4	2418583	CHR4:2418583	SSF x LoA	-10,3658265	0,005	0,296
CHR4	24188135	CHR4:24188135	SSF x LoA	-7,14714349	0,099	0,312
CHR4	2419325	CHR4:2419325	SSF x LoA	-9,34647766	-0,099	0,304
CHR4	2419330	CHR4:2419330	SSF x LoA	-7,45260265	0,018	0,320
CHR4	2419371	CHR4:2419371	SSF x LoA	-7,98219584	-0,112	0,302
CHR4	2419408	CHR4:2419408	SSF x LoA	-4,29047492	0,018	0,305
CHR4	2419411	CHR4:2419411	SSF x LoA	-10,1174984	-0,060	0,297
CHR4	24202521	CHR4:24202521	SSF x LoA	-5,13604738	-0,099	0,289
CHR4	24202599	CHR4:24202599	SSF x LoA	-9,33744858	0,097	0,314
CHR4	24203025	CHR4:24203025	SSF x LoA	-8,19006143	0,080	0,308
CHR4	2420942	CHR4:2420942	SSF x LoA	-9,238	0,148	0,300
CHR4	2420949	CHR4:2420949	SSF x LoA	-10,0306417	0,141	0,293
CHR4	2420977	CHR4:2420977	SSF x LoA	-9,22936088	0,069	0,305
CHR4	2421127	CHR4:2421127	SSF x LoA	-9,94044062	0,067	0,304
CHR4	2421170	CHR4:2421170	SSF x LoA	-7,43274828	0,036	0,305
CHR4	24215765	CHR4:24215765	SSF x LoA	-0,60357358	0,143	0,294
CHR4	24215862	CHR4:24215862	SSF x LoA	-7,13091877	0,131	0,303
CHR4	24215935	CHR4:24215935	SSF x LoA	-8,94318114	0,111	0,302
CHR4	24215937	CHR4:24215937	SSF x LoA	-5,11157973	0,168	0,300
CHR4	24215953	CHR4:24215953	SSF x LoA	-7,51202794	0,156	0,292
CHR4	24216699	CHR4:24216699	SSF x LoA	-9,74957753	0,031	0,306
CHR4	24216946	CHR4:24216946	SSF x LoA	-9,27078938	0,097	0,303
CHR4	24218922	CHR4:24218922	SSF x LoA	-7,99163739	-0,006	0,310
CHR4	24218976	CHR4:24218976	SSF x LoA	-12,1889793	0,051	0,307
CHR4	24227089	CHR4:24227089	SSF x LoA	-7,50162662	-0,135	0,294
CHR4	24227092	CHR4:24227092	SSF x LoA	-6,93870873	-0,187	0,295
CHR4	24244812	CHR4:24244812	SSF x LoA	-10,8811506	-0,023	0,320
CHR4	24245096	CHR4:24245096	SSF x LoA	-9,71939608	-0,014	0,323
CHR4	2424837	CHR4:2424837	SSF x LoA	-6,24115189	-0,140	0,295
CHR4	2424891	CHR4:2424891	SSF x LoA	-9,67352838	0,004	0,297
CHR4	2424959	CHR4:2424959	SSF x LoA	-8,40171109	0,105	0,300
CHR4	2424963	CHR4:2424963	SSF x LoA	-9,58466984	0,064	0,303
CHR4	2424973	CHR4:2424973	SSF x LoA	-10,7135258	0,139	0,286
CHR4	2424983	CHR4:2424983	SSF x LoA	-11,5290409	-0,041	0,314
CHR4	2424999	CHR4:2424999	SSF x LoA	-7,22675008	0,002	0,307
CHR4	24272901	CHR4:24272901	SSF x LoA	-8,546643	-0,092	0,311
CHR4	24273049	CHR4:24273049	SSF x LoA	-9,97683278	0,000	0,323
CHR4	24282222	CHR4:24282222	SSF x LoA	-10,7871419	-0,106	0,305
CHR4	24282468	CHR4:24282468	SSF x LoA	-9,67076515	-0,120	0,296
CHR4	24283689	CHR4:24283689	SSF x LoA	-9,0661149	-0,113	0,305
CHR4	24288222	CHR4:24288222	SSF x LoA	-9,97282619	-0,143	0,310
CHR4	24288232	CHR4:24288232	SSF x LoA	-7,27714693	-0,104	0,322
CHR4	24288278	CHR4:24288278	SSF x LoA	-9,38407063	0,026	0,298
CHR4	24288299	CHR4:24288299	SSF x LoA	-9,4512683	0,028	0,291
CHR4	24288378	CHR4:24288378	SSF x LoA	-9,38487686	-0,081	0,314
CHR4	24293527	CHR4:24293527	SSF x LoA	0,89636248	-0,140	0,298
CHR4	24293601	CHR4:24293601	SSF x LoA	-8,30983551	-0,086	0,294
CHR4	24302640	CHR4:24302640	SSF x LoA	-9,18912424	0,136	0,304

CHR4	24302644	CHR4:24302644	SSF x LoA	-10,3337095	0,003	0,325
CHR4	24307876	CHR4:24307876	SSF x LoA	-8,84285587	0,076	0,296
CHR4	24316967	CHR4:24316967	SSF x LoA	-8,98585328	-0,011	0,309
CHR4	24318539	CHR4:24318539	SSF x LoA	-9,08934575	-0,020	0,304
CHR4	24318607	CHR4:24318607	SSF x LoA	-1,17242026	-0,106	0,309
CHR4	24333426	CHR4:24333426	SSF x LoA	-9,46410013	0,062	0,301
CHR4	24333439	CHR4:24333439	SSF x LoA	-3,68098545	0,044	0,292
CHR4	24333531	CHR4:24333531	SSF x LoA	-8,51794107	0,075	0,295
CHR4	24337138	CHR4:24337138	SSF x LoA	-8,09572902	0,030	0,298
CHR4	2436092	CHR4:2436092	SSF x LoA	-7,85659903	-0,105	0,322
CHR4	2436093	CHR4:2436093	SSF x LoA	-8,09518352	-0,129	0,315
CHR4	2436100	CHR4:2436100	SSF x LoA	-8,86933877	-0,124	0,295
CHR4	2436114	CHR4:2436114	SSF x LoA	-10,048135	-0,034	0,293
CHR4	2436143	CHR4:2436143	SSF x LoA	-10,5018575	-0,003	0,323
CHR4	2436189	CHR4:2436189	SSF x LoA	-11,5815143	0,064	0,310
CHR4	24370641	CHR4:24370641	SSF x LoA	-8,92789451	0,073	0,318
CHR4	24370643	CHR4:24370643	SSF x LoA	-8,9285302	0,098	0,296
CHR4	24373859	CHR4:24373859	SSF x LoA	-9,44033343	-0,062	0,308
CHR4	2440670	CHR4:2440670	SSF x LoA	-8,29947975	0,080	0,300
CHR4	24422814	CHR4:24422814	SSF x LoA	-9,87527553	0,052	0,320
CHR4	24444995	CHR4:24444995	SSF x LoA	-12,0971745	-0,002	0,299
CHR4	24445198	CHR4:24445198	SSF x LoA	-9,12059361	0,000	0,330
CHR4	24445204	CHR4:24445204	SSF x LoA	-11,1263385	0,003	0,302
CHR4	24449174	CHR4:24449174	SSF x LoA	-8,76556847	0,044	0,310
CHR4	24450946	CHR4:24450946	SSF x LoA	-9,35056666	-0,037	0,302
CHR4	24450953	CHR4:24450953	SSF x LoA	-9,13754302	0,016	0,306
CHR4	24465618	CHR4:24465618	SSF x LoA	-10,7116157	-0,054	0,321
CHR4	24465712	CHR4:24465712	SSF x LoA	-9,70882686	-0,092	0,313
CHR4	24465722	CHR4:24465722	SSF x LoA	-9,11685584	0,046	0,330
CHR4	24478331	CHR4:24478331	SSF x LoA	-3,79152225	-0,058	0,314
CHR4	24478418	CHR4:24478418	SSF x LoA	-7,81577137	-0,091	0,316
CHR4	24478556	CHR4:24478556	SSF x LoA	-8,61428473	0,076	0,309
CHR4	24480813	CHR4:24480813	SSF x LoA	-11,0385659	0,013	0,306
CHR4	24487512	CHR4:24487512	SSF x LoA	-10,8046018	-0,029	0,305
CHR4	24506259	CHR4:24506259	SSF x LoA	-8,11167164	-0,106	0,307
CHR4	24506279	CHR4:24506279	SSF x LoA	-7,32178679	-0,014	0,300
CHR4	24527490	CHR4:24527490	SSF x LoA	-8,47899746	0,008	0,305
CHR4	24527545	CHR4:24527545	SSF x LoA	-10,0778028	-0,063	0,295
CHR4	24530827	CHR4:24530827	SSF x LoA	-7,33667506	0,049	0,310
CHR4	24530830	CHR4:24530830	SSF x LoA	-8,7993559	0,140	0,303
CHR4	24530889	CHR4:24530889	SSF x LoA	-9,11028509	-0,090	0,303
CHR4	24530902	CHR4:24530902	SSF x LoA	-9,03823681	0,039	0,307
CHR4	24533510	CHR4:24533510	SSF x LoA	-8,70657925	0,025	0,298
CHR4	24533608	CHR4:24533608	SSF x LoA	-4,48377049	0,077	0,311
CHR4	24541096	CHR4:24541096	SSF x LoA	-4,48674849	-0,133	0,303
CHR4	24541189	CHR4:24541189	SSF x LoA	-6,55113496	-0,097	0,292
CHR4	24548161	CHR4:24548161	SSF x LoA	-7,35160424	-0,071	0,296
CHR4	24557448	CHR4:24557448	SSF x LoA	-8,0759724	-0,068	0,311
CHR4	24557463	CHR4:24557463	SSF x LoA	-8,64921979	0,140	0,307
CHR4	24557471	CHR4:24557471	SSF x LoA	-10,0730612	0,090	0,304
CHR4	24557486	CHR4:24557486	SSF x LoA	-5,09281663	0,104	0,307
CHR4	24557487	CHR4:24557487	SSF x LoA	-10,270615	-0,079	0,310
CHR4	24563693	CHR4:24563693	SSF x LoA	-9,58174023	0,172	0,287

CHR4	24563843	CHR4:24563843	SSF x LoA	-11,3891074	-0,069	0,295
CHR4	24563848	CHR4:24563848	SSF x LoA	-6,46150524	0,165	0,290
CHR4	2456755	CHR4:2456755	SSF x LoA	-6,25907894	0,133	0,297
CHR4	2456822	CHR4:2456822	SSF x LoA	-10,6546195	-0,015	0,307
CHR4	2456919	CHR4:2456919	SSF x LoA	-10,0654041	-0,022	0,310
CHR4	2457036	CHR4:2457036	SSF x LoA	-10,411522	0,042	0,298
CHR4	2457060	CHR4:2457060	SSF x LoA	-8,27716966	-0,131	0,305
CHR4	2457072	CHR4:2457072	SSF x LoA	-6,95869198	-0,051	0,309
CHR4	24583924	CHR4:24583924	SSF x LoA	-6,99406932	-0,028	0,324
CHR4	24583959	CHR4:24583959	SSF x LoA	-9,73467334	-0,091	0,309
CHR4	24583968	CHR4:24583968	SSF x LoA	-8,10648796	-0,050	0,313
CHR4	24583987	CHR4:24583987	SSF x LoA	-8,40847457	0,096	0,323
CHR4	24583991	CHR4:24583991	SSF x LoA	-10,7318613	-0,058	0,315
CHR4	24596257	CHR4:24596257	SSF x LoA	-10,1575682	0,004	0,308
CHR4	24596324	CHR4:24596324	SSF x LoA	-10,8792741	-0,053	0,317
CHR4	24600475	CHR4:24600475	SSF x LoA	-6,74559892	0,133	0,299
CHR4	24600482	CHR4:24600482	SSF x LoA	-7,10001494	-0,158	0,311
CHR4	24600546	CHR4:24600546	SSF x LoA	-8,57137507	0,040	0,311
CHR4	24600581	CHR4:24600581	SSF x LoA	-10,3613289	-0,012	0,322
CHR4	24607642	CHR4:24607642	SSF x LoA	-1,09317059	-0,077	0,312
CHR4	24607741	CHR4:24607741	SSF x LoA	-9,04102943	-0,058	0,306
CHR4	24607796	CHR4:24607796	SSF x LoA	-9,8709134	-0,053	0,300
CHR4	24612156	CHR4:24612156	SSF x LoA	-11,2854259	-0,083	0,296
CHR4	2461723	CHR4:2461723	SSF x LoA	-11,0405369	0,078	0,307
CHR4	24620054	CHR4:24620054	SSF x LoA	-9,43475476	0,037	0,302
CHR4	24620144	CHR4:24620144	SSF x LoA	-9,86837592	-0,016	0,309
CHR4	2462999	CHR4:2462999	SSF x LoA	-7,18009952	-0,019	0,313
CHR4	2463014	CHR4:2463014	SSF x LoA	-10,531109	0,010	0,312
CHR4	2463049	CHR4:2463049	SSF x LoA	-10,4194123	-0,002	0,306
CHR4	2463055	CHR4:2463055	SSF x LoA	-7,57066532	0,051	0,310
CHR4	2463072	CHR4:2463072	SSF x LoA	-10,4547865	0,035	0,306
CHR4	24632137	CHR4:24632137	SSF x LoA	-6,26454642	-0,204	0,295
CHR4	24655158	CHR4:24655158	SSF x LoA	-7,56234195	-0,088	0,315
CHR4	24655251	CHR4:24655251	SSF x LoA	-8,14173861	0,033	0,322
CHR4	24668616	CHR4:24668616	SSF x LoA	-3,84822149	-0,062	0,307
CHR4	24668626	CHR4:24668626	SSF x LoA	-8,93708232	-0,035	0,300
CHR4	24668639	CHR4:24668639	SSF x LoA	-7,68982914	-0,047	0,326
CHR4	24668675	CHR4:24668675	SSF x LoA	-9,40537469	-0,115	0,292
CHR4	24668901	CHR4:24668901	SSF x LoA	-10,8076589	0,020	0,307
CHR4	24677992	CHR4:24677992	SSF x LoA	-3,33468959	-0,233	0,274
CHR4	24678422	CHR4:24678422	SSF x LoA	-9,12204525	0,104	0,309
CHR4	24696797	CHR4:24696797	SSF x LoA	-10,5155476	0,049	0,310
CHR4	24696933	CHR4:24696933	SSF x LoA	-6,4619546	0,129	0,305
CHR4	24721608	CHR4:24721608	SSF x LoA	-8,51140053	-0,136	0,295
CHR4	24721609	CHR4:24721609	SSF x LoA	-7,98085866	-0,084	0,320
CHR4	24750200	CHR4:24750200	SSF x LoA	-8,75510412	0,001	0,312
CHR4	24750214	CHR4:24750214	SSF x LoA	-9,46996752	0,077	0,311
CHR4	2475503	CHR4:2475503	SSF x LoA	-8,7178531	0,025	0,307
CHR4	2475547	CHR4:2475547	SSF x LoA	-8,64483514	0,054	0,307
CHR4	2475567	CHR4:2475567	SSF x LoA	-12,1310178	0,040	0,296
CHR4	2475596	CHR4:2475596	SSF x LoA	8,74595753	0,089	0,314
CHR4	24755978	CHR4:24755978	SSF x LoA	-0,8042374	-0,047	0,302
CHR4	24756167	CHR4:24756167	SSF x LoA	-8,95474367	0,026	0,315

CHR4	24756183	CHR4:24756183	SSF x LoA	-11,3912288	0,010	0,311
CHR4	24756198	CHR4:24756198	SSF x LoA	-11,3768192	-0,006	0,318
CHR4	24756217	CHR4:24756217	SSF x LoA	-9,85372768	-0,042	0,315
CHR4	24756220	CHR4:24756220	SSF x LoA	-10,8990706	0,021	0,307
CHR4	24756263	CHR4:24756263	SSF x LoA	-7,94443035	0,014	0,315
CHR4	24756275	CHR4:24756275	SSF x LoA	-10,886541	0,090	0,313
CHR4	24757154	CHR4:24757154	SSF x LoA	-8,90650938	-0,021	0,310
CHR4	24765272	CHR4:24765272	SSF x LoA	-10,5287645	-0,056	0,299
CHR4	24765289	CHR4:24765289	SSF x LoA	-10,1582411	0,096	0,310
CHR4	24765507	CHR4:24765507	SSF x LoA	-11,5973525	0,083	0,317
CHR4	24765576	CHR4:24765576	SSF x LoA	-8,82609316	0,021	0,324
CHR4	24770704	CHR4:24770704	SSF x LoA	-10,382695	0,058	0,314
CHR4	24770750	CHR4:24770750	SSF x LoA	-9,77158154	0,015	0,305
CHR4	24770759	CHR4:24770759	SSF x LoA	-8,715739	0,117	0,293
CHR4	24770761	CHR4:24770761	SSF x LoA	-8,64526257	0,048	0,303
CHR4	24775704	CHR4:24775704	SSF x LoA	-11,4956366	-0,005	0,306
CHR4	24775831	CHR4:24775831	SSF x LoA	-9,43820797	0,044	0,304
CHR4	24775843	CHR4:24775843	SSF x LoA	-11,1416896	0,008	0,314
CHR4	24775909	CHR4:24775909	SSF x LoA	-8,02502091	-0,056	0,306
CHR4	24781806	CHR4:24781806	SSF x LoA	-10,8609216	0,033	0,319
CHR4	24797574	CHR4:24797574	SSF x LoA	-8,03241164	-0,082	0,301
CHR4	24797630	CHR4:24797630	SSF x LoA	-9,84011294	-0,048	0,307
CHR4	24797692	CHR4:24797692	SSF x LoA	-9,77830633	-0,031	0,313
CHR4	24835116	CHR4:24835116	SSF x LoA	-7,02841809	0,104	0,305
CHR4	24860136	CHR4:24860136	SSF x LoA	-1,29143842	0,049	0,309
CHR4	24860363	CHR4:24860363	SSF x LoA	-8,40601325	0,034	0,297
CHR4	24865556	CHR4:24865556	SSF x LoA	-3,09472204	-0,051	0,289
CHR4	248657	CHR4:248657	SSF x LoA	-9,24738632	0,034	0,312
CHR4	24874887	CHR4:24874887	SSF x LoA	-8,93068485	0,012	0,315
CHR4	24902080	CHR4:24902080	SSF x LoA	-10,272179	0,009	0,318
CHR4	2492841	CHR4:2492841	SSF x LoA	-7,68468069	0,073	0,299
CHR4	2492939	CHR4:2492939	SSF x LoA	-5,39951719	0,218	0,289
CHR4	2493009	CHR4:2493009	SSF x LoA	-7,42438878	-0,078	0,322
CHR4	24943859	CHR4:24943859	SSF x LoA	-9,50898328	0,025	0,305
CHR4	24944583	CHR4:24944583	SSF x LoA	-8,3886345	0,030	0,316
CHR4	24952908	CHR4:24952908	SSF x LoA	-7,18345388	0,022	0,301
CHR4	24953034	CHR4:24953034	SSF x LoA	-8,97175143	0,064	0,307
CHR4	24995342	CHR4:24995342	SSF x LoA	-7,0573285	-0,111	0,303
CHR4	24995355	CHR4:24995355	SSF x LoA	-10,0534377	-0,028	0,305
CHR4	24995356	CHR4:24995356	SSF x LoA	-9,56357849	-0,017	0,308
CHR4	2499739	CHR4:2499739	SSF x LoA	-8,37913254	0,090	0,304
CHR4	2502403	CHR4:2502403	SSF x LoA	-7,94923482	0,071	0,315
CHR4	2502434	CHR4:2502434	SSF x LoA	-8,16843729	0,104	0,312
CHR4	25056281	CHR4:25056281	SSF x LoA	-8,47452749	-0,136	0,299
CHR4	25056319	CHR4:25056319	SSF x LoA	-7,78009337	-0,153	0,308
CHR4	25056527	CHR4:25056527	SSF x LoA	-10,6990991	0,093	0,299
CHR4	2505951	CHR4:2505951	SSF x LoA	-10,5784891	-0,041	0,311
CHR4	2505957	CHR4:2505957	SSF x LoA	-9,77747684	-0,088	0,312
CHR4	2506052	CHR4:2506052	SSF x LoA	-9,22138705	0,043	0,298
CHR4	25061032	CHR4:25061032	SSF x LoA	-10,0669017	-0,089	0,318
CHR4	25061264	CHR4:25061264	SSF x LoA	-8,27486906	-0,055	0,305
CHR4	25061277	CHR4:25061277	SSF x LoA	-10,9091872	-0,040	0,308
CHR4	25061285	CHR4:25061285	SSF x LoA	-9,12586879	0,066	0,315

CHR4	2506239	CHR4:2506239	SSF x LoA	-6,79478515	-0,173	0,313
CHR4	2506273	CHR4:2506273	SSF x LoA	-9,26173533	0,088	0,288
CHR4	25098288	CHR4:25098288	SSF x LoA	-7,61516973	-0,076	0,296
CHR4	25098300	CHR4:25098300	SSF x LoA	-9,30481208	-0,090	0,294
CHR4	25098460	CHR4:25098460	SSF x LoA	-11,6786639	0,018	0,303
CHR4	25098534	CHR4:25098534	SSF x LoA	-8,50460052	-0,003	0,322
CHR4	25110548	CHR4:25110548	SSF x LoA	-10,2036867	-0,015	0,308
CHR4	25115208	CHR4:25115208	SSF x LoA	-7,29840248	-0,090	0,317
CHR4	25121562	CHR4:25121562	SSF x LoA	-10,5558281	0,098	0,308
CHR4	25121597	CHR4:25121597	SSF x LoA	-8,41069169	-0,082	0,315
CHR4	25122781	CHR4:25122781	SSF x LoA	-10,5617752	0,051	0,308
CHR4	25122843	CHR4:25122843	SSF x LoA	-8,80618282	-0,101	0,311
CHR4	25122931	CHR4:25122931	SSF x LoA	-2,81800051	0,140	0,297
CHR4	2512685	CHR4:2512685	SSF x LoA	-11,9510529	0,024	0,301
CHR4	25131332	CHR4:25131332	SSF x LoA	-9,83596757	0,101	0,307
CHR4	25153854	CHR4:25153854	SSF x LoA	-7,40523084	-0,026	0,303
CHR4	25153896	CHR4:25153896	SSF x LoA	-11,4302204	-0,040	0,319
CHR4	25153940	CHR4:25153940	SSF x LoA	-8,14296705	-0,049	0,312
CHR4	25154009	CHR4:25154009	SSF x LoA	-8,81628167	0,124	0,311
CHR4	25156500	CHR4:25156500	SSF x LoA	-6,39659509	0,133	0,302
CHR4	25156572	CHR4:25156572	SSF x LoA	-7,04555486	-0,119	0,306
CHR4	25156616	CHR4:25156616	SSF x LoA	-7,53849364	-0,119	0,293
CHR4	25156618	CHR4:25156618	SSF x LoA	-7,23634474	-0,101	0,316
CHR4	25160089	CHR4:25160089	SSF x LoA	-8,91384013	-0,041	0,304
CHR4	25164815	CHR4:25164815	SSF x LoA	-10,4222712	-0,039	0,302
CHR4	25164828	CHR4:25164828	SSF x LoA	-8,98331454	-0,114	0,301
CHR4	25171770	CHR4:25171770	SSF x LoA	-7,86283651	-0,021	0,314
CHR4	25171879	CHR4:25171879	SSF x LoA	-8,32295747	-0,054	0,313
CHR4	25171897	CHR4:25171897	SSF x LoA	-7,45751942	-0,020	0,310
CHR4	25171999	CHR4:25171999	SSF x LoA	-11,5019937	-0,016	0,309
CHR4	25186403	CHR4:25186403	SSF x LoA	-9,07196344	0,086	0,314
CHR4	25186404	CHR4:25186404	SSF x LoA	-10,1589735	0,069	0,324
CHR4	25186535	CHR4:25186535	SSF x LoA	-8,30258887	-0,035	0,312
CHR4	25186617	CHR4:25186617	SSF x LoA	-7,87577086	0,006	0,297
CHR4	25223913	CHR4:25223913	SSF x LoA	-8,9631394	-0,003	0,308
CHR4	25223951	CHR4:25223951	SSF x LoA	-1,88918878	-0,128	0,314
CHR4	25223982	CHR4:25223982	SSF x LoA	-9,78729792	-0,058	0,306
CHR4	25224060	CHR4:25224060	SSF x LoA	-12,0902866	-0,008	0,303
CHR4	25230335	CHR4:25230335	SSF x LoA	-9,96360934	0,054	0,302
CHR4	25230350	CHR4:25230350	SSF x LoA	-8,40814538	0,078	0,313
CHR4	25230351	CHR4:25230351	SSF x LoA	-4,73519678	0,080	0,318
CHR4	25231610	CHR4:25231610	SSF x LoA	-7,78410779	0,115	0,311
CHR4	25231653	CHR4:25231653	SSF x LoA	-10,5290641	0,123	0,314
CHR4	25232528	CHR4:25232528	SSF x LoA	-9,61000359	-0,056	0,300
CHR4	25256065	CHR4:25256065	SSF x LoA	-7,2346072	-0,125	0,325
CHR4	25260071	CHR4:25260071	SSF x LoA	-8,47847839	0,057	0,306
CHR4	25263598	CHR4:25263598	SSF x LoA	-7,2442482	0,038	0,308
CHR4	25270608	CHR4:25270608	SSF x LoA	-9,98808161	-0,020	0,306
CHR4	25280605	CHR4:25280605	SSF x LoA	-7,55467624	0,036	0,323
CHR4	25280716	CHR4:25280716	SSF x LoA	-11,3856653	-0,024	0,306
CHR4	25280729	CHR4:25280729	SSF x LoA	-8,78068033	0,069	0,308
CHR4	25280749	CHR4:25280749	SSF x LoA	-11,1751376	-0,022	0,311
CHR4	25280751	CHR4:25280751	SSF x LoA	-0,07670051	-0,056	0,306

CHR4	25280801	CHR4:25280801	SSF x LoA	-8,37347344	-0,091	0,294
CHR4	25280802	CHR4:25280802	SSF x LoA	-8,76176049	-0,128	0,314
CHR4	25280806	CHR4:25280806	SSF x LoA	-8,93286802	-0,102	0,317
CHR4	25280814	CHR4:25280814	SSF x LoA	-8,80294147	0,057	0,301
CHR4	25280816	CHR4:25280816	SSF x LoA	-11,4149698	-0,014	0,305
CHR4	25287560	CHR4:25287560	SSF x LoA	-8,68829481	-0,134	0,303
CHR4	25287623	CHR4:25287623	SSF x LoA	-11,6685532	0,071	0,297
CHR4	25287664	CHR4:25287664	SSF x LoA	-11,0391567	0,118	0,305
CHR4	25288183	CHR4:25288183	SSF x LoA	-8,87271302	-0,035	0,301
CHR4	25288214	CHR4:25288214	SSF x LoA	-11,0731501	0,020	0,304
CHR4	25288259	CHR4:25288259	SSF x LoA	-11,0419942	0,043	0,310
CHR4	25289394	CHR4:25289394	SSF x LoA	-6,71936337	0,166	0,296
CHR4	2529071	CHR4:2529071	SSF x LoA	-6,6855934	-0,048	0,317
CHR4	2529088	CHR4:2529088	SSF x LoA	-9,99371582	-0,057	0,304
CHR4	25295184	CHR4:25295184	SSF x LoA	-7,7746709	0,141	0,299
CHR4	25301108	CHR4:25301108	SSF x LoA	-11,1028951	-0,011	0,303
CHR4	25301114	CHR4:25301114	SSF x LoA	-10,9047868	0,078	0,298
CHR4	25301120	CHR4:25301120	SSF x LoA	-9,02625904	-0,027	0,307
CHR4	25301163	CHR4:25301163	SSF x LoA	-9,44526906	0,039	0,313
CHR4	25301174	CHR4:25301174	SSF x LoA	-8,79961198	-0,006	0,308
CHR4	25301196	CHR4:25301196	SSF x LoA	-8,67695126	0,001	0,298
CHR4	25301199	CHR4:25301199	SSF x LoA	-9,05172269	-0,077	0,304
CHR4	25313461	CHR4:25313461	SSF x LoA	-10,416256	-0,082	0,310
CHR4	25313510	CHR4:25313510	SSF x LoA	-10,367144	-0,043	0,303
CHR4	25313555	CHR4:25313555	SSF x LoA	-9,82836408	0,078	0,303
CHR4	25313694	CHR4:25313694	SSF x LoA	-9,69643768	0,138	0,295
CHR4	25315148	CHR4:25315148	SSF x LoA	-8,99031254	-0,012	0,312
CHR4	2531740	CHR4:2531740	SSF x LoA	-11,2354072	-0,040	0,313
CHR4	25320634	CHR4:25320634	SSF x LoA	-9,27685284	-0,066	0,318
CHR4	25320695	CHR4:25320695	SSF x LoA	-9,6001485	-0,037	0,313
CHR4	25324090	CHR4:25324090	SSF x LoA	-12,5179281	0,024	0,290
CHR4	25324241	CHR4:25324241	SSF x LoA	-10,9040017	-0,013	0,310
CHR4	25335072	CHR4:25335072	SSF x LoA	-11,9502963	-0,022	0,297
CHR4	25335103	CHR4:25335103	SSF x LoA	-3,8910911	-0,167	0,302
CHR4	25335106	CHR4:25335106	SSF x LoA	-10,3704635	0,106	0,315
CHR4	25335183	CHR4:25335183	SSF x LoA	-7,79193762	-0,017	0,308
CHR4	25335184	CHR4:25335184	SSF x LoA	-6,79021448	-0,185	0,303
CHR4	25335187	CHR4:25335187	SSF x LoA	-7,38370412	-0,155	0,306
CHR4	25338099	CHR4:25338099	SSF x LoA	-7,82574441	0,016	0,315
CHR4	25339975	CHR4:25339975	SSF x LoA	-10,6567548	-0,062	0,316
CHR4	25340016	CHR4:25340016	SSF x LoA	-10,5090444	-0,075	0,302
CHR4	25340029	CHR4:25340029	SSF x LoA	-9,59852924	-0,120	0,312
CHR4	25340096	CHR4:25340096	SSF x LoA	-8,86758957	0,002	0,298
CHR4	25340124	CHR4:25340124	SSF x LoA	-9,10841503	0,007	0,309
CHR4	25347549	CHR4:25347549	SSF x LoA	-10,1430033	-0,072	0,291
CHR4	25356721	CHR4:25356721	SSF x LoA	-9,68784735	0,104	0,286
CHR4	25356731	CHR4:25356731	SSF x LoA	-10,7552212	-0,018	0,313
CHR4	25357586	CHR4:25357586	SSF x LoA	-11,1674064	-0,075	0,304
CHR4	25361841	CHR4:25361841	SSF x LoA	-8,83082868	-0,022	0,318
CHR4	25361869	CHR4:25361869	SSF x LoA	-10,6166569	-0,035	0,301
CHR4	25361938	CHR4:25361938	SSF x LoA	-10,7481865	-0,004	0,317
CHR4	25361939	CHR4:25361939	SSF x LoA	-8,17580673	-0,034	0,323
CHR4	25362067	CHR4:25362067	SSF x LoA	-11,1490521	0,062	0,299

CHR4	25369356	CHR4:25369356	SSF x LoA	-9,48334418	0,001	0,322
CHR4	25375215	CHR4:25375215	SSF x LoA	-8,18415039	-0,008	0,324
CHR4	25375246	CHR4:25375246	SSF x LoA	-9,6684063	0,091	0,312
CHR4	25375321	CHR4:25375321	SSF x LoA	-8,82956217	0,024	0,302
CHR4	25392089	CHR4:25392089	SSF x LoA	-8,72518351	-0,051	0,312
CHR4	25392117	CHR4:25392117	SSF x LoA	-8,55304777	-0,102	0,304
CHR4	25392265	CHR4:25392265	SSF x LoA	-6,15368114	0,127	0,293
CHR4	25392295	CHR4:25392295	SSF x LoA	-9,09329625	0,011	0,313
CHR4	25397538	CHR4:25397538	SSF x LoA	-4,06813571	-0,189	0,285
CHR4	25397623	CHR4:25397623	SSF x LoA	-8,02013207	0,067	0,326
CHR4	25397674	CHR4:25397674	SSF x LoA	-5,15413074	0,103	0,304
CHR4	25399805	CHR4:25399805	SSF x LoA	-10,2726294	-0,060	0,306
CHR4	25399944	CHR4:25399944	SSF x LoA	-7,67796654	-0,051	0,300
CHR4	25399981	CHR4:25399981	SSF x LoA	-9,58531603	0,128	0,317
CHR4	25403144	CHR4:25403144	SSF x LoA	-9,29390048	-0,014	0,317
CHR4	25403203	CHR4:25403203	SSF x LoA	-8,00351075	-0,135	0,307
CHR4	25403215	CHR4:25403215	SSF x LoA	-9,0338007	0,028	0,297
CHR4	25403221	CHR4:25403221	SSF x LoA	-8,70815698	-0,035	0,306
CHR4	25404010	CHR4:25404010	SSF x LoA	-10,5850113	0,043	0,322
CHR4	25404075	CHR4:25404075	SSF x LoA	-10,7917672	0,006	0,288
CHR4	25404083	CHR4:25404083	SSF x LoA	-9,86159675	-0,008	0,302
CHR4	25404149	CHR4:25404149	SSF x LoA	-11,1902966	-0,024	0,316
CHR4	2540747	CHR4:2540747	SSF x LoA	-6,59899753	0,163	0,301
CHR4	25418618	CHR4:25418618	SSF x LoA	-8,59693099	-0,078	0,313
CHR4	25418624	CHR4:25418624	SSF x LoA	-10,6202462	0,054	0,303
CHR4	25418627	CHR4:25418627	SSF x LoA	-10,6391612	0,054	0,314
CHR4	25418633	CHR4:25418633	SSF x LoA	-8,11245117	-0,091	0,307
CHR4	25418650	CHR4:25418650	SSF x LoA	-10,6814391	0,070	0,313
CHR4	25418669	CHR4:25418669	SSF x LoA	-7,85280269	-0,107	0,304
CHR4	25418674	CHR4:25418674	SSF x LoA	-11,7971007	0,011	0,308
CHR4	25418681	CHR4:25418681	SSF x LoA	-11,4784094	0,077	0,295
CHR4	25419344	CHR4:25419344	SSF x LoA	-11,3569111	-0,033	0,310
CHR4	25428037	CHR4:25428037	SSF x LoA	-8,58028867	0,098	0,313
CHR4	25428352	CHR4:25428352	SSF x LoA	-1,93797799	-0,272	0,286
CHR4	25428473	CHR4:25428473	SSF x LoA	-10,2971773	0,063	0,307
CHR4	25428509	CHR4:25428509	SSF x LoA	-8,78142924	0,091	0,297
CHR4	25436363	CHR4:25436363	SSF x LoA	-10,1689884	-0,077	0,310
CHR4	25438127	CHR4:25438127	SSF x LoA	-11,335865	-0,061	0,306
CHR4	25438213	CHR4:25438213	SSF x LoA	-7,6368522	0,165	0,311
CHR4	25438230	CHR4:25438230	SSF x LoA	-9,72695404	-0,026	0,308
CHR4	25438278	CHR4:25438278	SSF x LoA	-10,1001743	0,016	0,312
CHR4	25438294	CHR4:25438294	SSF x LoA	-9,86021894	-0,137	0,290
CHR4	25442411	CHR4:25442411	SSF x LoA	-9,52639534	-0,137	0,312
CHR4	25443391	CHR4:25443391	SSF x LoA	-9,31058945	0,096	0,300
CHR4	25443401	CHR4:25443401	SSF x LoA	-7,79848258	-0,142	0,296
CHR4	25450450	CHR4:25450450	SSF x LoA	-10,2917673	-0,007	0,304
CHR4	25450624	CHR4:25450624	SSF x LoA	-10,2009846	-0,017	0,315
CHR4	2545440	CHR4:2545440	SSF x LoA	-9,45056485	-0,070	0,317
CHR4	25460097	CHR4:25460097	SSF x LoA	-8,04094697	-0,055	0,308
CHR4	25460192	CHR4:25460192	SSF x LoA	-9,64478915	0,060	0,300
CHR4	25465796	CHR4:25465796	SSF x LoA	-0,42904373	0,016	0,317
CHR4	25465821	CHR4:25465821	SSF x LoA	-6,84519344	-0,162	0,308
CHR4	25470626	CHR4:25470626	SSF x LoA	-8,36578739	-0,133	0,302

CHR4	25470936	CHR4:25470936	SSF x LoA	-8,97331218	0,004	0,300
CHR4	25470968	CHR4:25470968	SSF x LoA	-8,92541831	-0,102	0,297
CHR4	25470976	CHR4:25470976	SSF x LoA	-7,20262723	-0,026	0,326
CHR4	25470982	CHR4:25470982	SSF x LoA	-8,95921224	0,037	0,310
CHR4	25470994	CHR4:25470994	SSF x LoA	-11,0136336	0,015	0,324
CHR4	25470999	CHR4:25470999	SSF x LoA	-7,8725081	0,166	0,312
CHR4	25471046	CHR4:25471046	SSF x LoA	-9,35522776	0,047	0,287
CHR4	25477507	CHR4:25477507	SSF x LoA	-9,54222965	-0,106	0,311
CHR4	25477559	CHR4:25477559	SSF x LoA	-9,75032967	-0,018	0,306
CHR4	25477594	CHR4:25477594	SSF x LoA	-10,6649724	0,009	0,289
CHR4	25477673	CHR4:25477673	SSF x LoA	-10,1785439	0,047	0,307
CHR4	25502849	CHR4:25502849	SSF x LoA	-9,5162381	-0,062	0,309
CHR4	25502874	CHR4:25502874	SSF x LoA	-8,78877192	-0,063	0,308
CHR4	25502934	CHR4:25502934	SSF x LoA	-10,7405609	-0,042	0,310
CHR4	25502935	CHR4:25502935	SSF x LoA	-9,22976227	-0,043	0,305
CHR4	25503218	CHR4:25503218	SSF x LoA	-8,9815834	-0,081	0,309
CHR4	25503242	CHR4:25503242	SSF x LoA	-8,21280524	-0,052	0,312
CHR4	25503250	CHR4:25503250	SSF x LoA	-8,99308879	-0,075	0,300
CHR4	25503270	CHR4:25503270	SSF x LoA	-7,36701829	-0,082	0,307
CHR4	25503299	CHR4:25503299	SSF x LoA	-9,13468737	0,045	0,303
CHR4	25510706	CHR4:25510706	SSF x LoA	-7,44911791	-0,003	0,319
CHR4	25513055	CHR4:25513055	SSF x LoA	-10,6036554	-0,014	0,309
CHR4	25517323	CHR4:25517323	SSF x LoA	-8,24599448	-0,096	0,299
CHR4	25517377	CHR4:25517377	SSF x LoA	-10,1863531	0,040	0,303
CHR4	25517396	CHR4:25517396	SSF x LoA	-11,4269292	-0,037	0,301
CHR4	25517412	CHR4:25517412	SSF x LoA	-7,58827265	0,098	0,300
CHR4	25517415	CHR4:25517415	SSF x LoA	-12,002676	0,002	0,304
CHR4	2552024	CHR4:2552024	SSF x LoA	-9,56274236	-0,011	0,299
CHR4	2552077	CHR4:2552077	SSF x LoA	-8,90563674	-0,041	0,307
CHR4	2552082	CHR4:2552082	SSF x LoA	-10,7793751	0,033	0,303
CHR4	25521733	CHR4:25521733	SSF x LoA	-10,0109565	-0,010	0,306
CHR4	25521743	CHR4:25521743	SSF x LoA	-7,37714767	-0,026	0,300
CHR4	25521753	CHR4:25521753	SSF x LoA	-9,31988198	-0,098	0,301
CHR4	25521768	CHR4:25521768	SSF x LoA	-11,1714767	-0,010	0,308
CHR4	25521770	CHR4:25521770	SSF x LoA	-10,5790552	0,025	0,311
CHR4	25521774	CHR4:25521774	SSF x LoA	-10,775082	-0,008	0,314
CHR4	25522201	CHR4:25522201	SSF x LoA	-6,56334753	0,136	0,298
CHR4	25522249	CHR4:25522249	SSF x LoA	-5,94266811	-0,154	0,311
CHR4	25522273	CHR4:25522273	SSF x LoA	-5,02999624	0,127	0,296
CHR4	25524542	CHR4:25524542	SSF x LoA	-7,09556503	-0,109	0,313
CHR4	25524602	CHR4:25524602	SSF x LoA	-9,5874839	0,041	0,308
CHR4	25525327	CHR4:25525327	SSF x LoA	-10,7925699	-0,006	0,309
CHR4	25525381	CHR4:25525381	SSF x LoA	-9,70412078	0,012	0,306
CHR4	25531607	CHR4:25531607	SSF x LoA	-9,34445633	-0,051	0,312
CHR4	25531725	CHR4:25531725	SSF x LoA	-9,67906003	0,033	0,313
CHR4	25531872	CHR4:25531872	SSF x LoA	-8,04775128	-0,087	0,299
CHR4	2553778	CHR4:2553778	SSF x LoA	-9,65685552	-0,006	0,299
CHR4	2553803	CHR4:2553803	SSF x LoA	-9,36083738	0,053	0,298
CHR4	25542951	CHR4:25542951	SSF x LoA	-11,2002205	0,030	0,299
CHR4	25542958	CHR4:25542958	SSF x LoA	-10,3859754	-0,099	0,297
CHR4	25542973	CHR4:25542973	SSF x LoA	-9,68126442	-0,063	0,311
CHR4	25543003	CHR4:25543003	SSF x LoA	-10,6352934	-0,022	0,304
CHR4	25543026	CHR4:25543026	SSF x LoA	-7,75029661	-0,010	0,316

CHR4	25544153	CHR4:25544153	SSF x LoA	-12,2325762	-0,008	0,310
CHR4	25544226	CHR4:25544226	SSF x LoA	-10,6122488	0,033	0,297
CHR4	25552751	CHR4:25552751	SSF x LoA	-9,71075306	0,077	0,304
CHR4	25552758	CHR4:25552758	SSF x LoA	-8,18511904	0,041	0,309
CHR4	25552764	CHR4:25552764	SSF x LoA	-8,66393219	0,129	0,308
CHR4	25552823	CHR4:25552823	SSF x LoA	-8,50237772	0,039	0,314
CHR4	25552824	CHR4:25552824	SSF x LoA	-10,2901734	0,011	0,305
CHR4	25552904	CHR4:25552904	SSF x LoA	-10,5650006	0,118	0,305
CHR4	25552912	CHR4:25552912	SSF x LoA	-7,34591227	-0,021	0,316
CHR4	25552984	CHR4:25552984	SSF x LoA	-5,6484528	-0,039	0,314
CHR4	25552987	CHR4:25552987	SSF x LoA	-6,40694614	0,075	0,303
CHR4	25556127	CHR4:25556127	SSF x LoA	-7,23518734	-0,033	0,305
CHR4	25556375	CHR4:25556375	SSF x LoA	-8,8351231	-0,051	0,316
CHR4	25556378	CHR4:25556378	SSF x LoA	-8,91277931	0,010	0,305
CHR4	25563270	CHR4:25563270	SSF x LoA	-6,26385729	0,181	0,300
CHR4	25569603	CHR4:25569603	SSF x LoA	-9,6909791	0,002	0,305
CHR4	25591119	CHR4:25591119	SSF x LoA	-6,92726507	-0,011	0,307
CHR4	25591209	CHR4:25591209	SSF x LoA	-9,36677272	0,042	0,310
CHR4	25591316	CHR4:25591316	SSF x LoA	-9,2078319	0,045	0,311
CHR4	25593335	CHR4:25593335	SSF x LoA	-8,22076137	-0,004	0,314
CHR4	25593393	CHR4:25593393	SSF x LoA	-8,9592712	-0,026	0,303
CHR4	25593431	CHR4:25593431	SSF x LoA	-8,70919073	-0,033	0,319
CHR4	25612103	CHR4:25612103	SSF x LoA	-8,89439084	0,073	0,317
CHR4	25612124	CHR4:25612124	SSF x LoA	-11,020663	0,011	0,301
CHR4	25612151	CHR4:25612151	SSF x LoA	-5,00823811	-0,156	0,319
CHR4	25613801	CHR4:25613801	SSF x LoA	-9,70479384	0,118	0,319
CHR4	25613808	CHR4:25613808	SSF x LoA	-8,55727073	-0,114	0,308
CHR4	25613834	CHR4:25613834	SSF x LoA	-12,1417417	-0,012	0,318
CHR4	2562404	CHR4:2562404	SSF x LoA	-9,4131447	0,005	0,296
CHR4	2562439	CHR4:2562439	SSF x LoA	-10,1979785	-0,001	0,314
CHR4	2562508	CHR4:2562508	SSF x LoA	-8,23681956	-0,102	0,296
CHR4	25632551	CHR4:25632551	SSF x LoA	-11,2949451	-0,064	0,305
CHR4	25632596	CHR4:25632596	SSF x LoA	-7,05542697	0,154	0,297
CHR4	25632750	CHR4:25632750	SSF x LoA	-8,40821421	-0,095	0,313
CHR4	25632826	CHR4:25632826	SSF x LoA	-8,10199167	-0,088	0,298
CHR4	25635849	CHR4:25635849	SSF x LoA	-9,88251548	-0,094	0,305
CHR4	25635875	CHR4:25635875	SSF x LoA	-10,6631098	-0,071	0,301
CHR4	25637193	CHR4:25637193	SSF x LoA	-6,90423437	-0,096	0,295
CHR4	25637195	CHR4:25637195	SSF x LoA	-8,78687742	0,037	0,311
CHR4	25637214	CHR4:25637214	SSF x LoA	-9,65141689	0,028	0,301
CHR4	25637230	CHR4:25637230	SSF x LoA	-9,72368156	-0,065	0,307
CHR4	25637236	CHR4:25637236	SSF x LoA	-5,32739764	-0,040	0,329
CHR4	25637282	CHR4:25637282	SSF x LoA	-9,72678547	-0,039	0,304
CHR4	25637330	CHR4:25637330	SSF x LoA	-9,11759693	0,082	0,317
CHR4	25637336	CHR4:25637336	SSF x LoA	-9,59320142	-0,028	0,311
CHR4	25638584	CHR4:25638584	SSF x LoA	-8,65755186	0,123	0,304
CHR4	25638680	CHR4:25638680	SSF x LoA	-11,5008164	0,083	0,296
CHR4	25648357	CHR4:25648357	SSF x LoA	-9,47019512	0,025	0,310
CHR4	25648369	CHR4:25648369	SSF x LoA	-9,03807743	-0,081	0,311
CHR4	25648388	CHR4:25648388	SSF x LoA	-11,2870532	-0,110	0,296
CHR4	25657227	CHR4:25657227	SSF x LoA	-4,93424642	0,011	0,315
CHR4	25658789	CHR4:25658789	SSF x LoA	-8,93127886	0,016	0,302
CHR4	25658793	CHR4:25658793	SSF x LoA	-8,75367613	0,021	0,312

CHR4	25658870	CHR4:25658870	SSF x LoA	-6,46456576	0,138	0,310
CHR4	2565909	CHR4:2565909	SSF x LoA	-10,6840379	0,061	0,315
CHR4	2565949	CHR4:2565949	SSF x LoA	-7,87144662	-0,023	0,294
CHR4	25668937	CHR4:25668937	SSF x LoA	-9,12580158	0,096	0,307
CHR4	25669018	CHR4:25669018	SSF x LoA	-10,9031149	-0,045	0,310
CHR4	25669082	CHR4:25669082	SSF x LoA	-10,4066323	0,029	0,304
CHR4	25676791	CHR4:25676791	SSF x LoA	-11,1001409	-0,018	0,301
CHR4	25676895	CHR4:25676895	SSF x LoA	-10,0035653	-0,048	0,301
CHR4	25676918	CHR4:25676918	SSF x LoA	-10,0205013	-0,115	0,303
CHR4	25677248	CHR4:25677248	SSF x LoA	-8,59169907	0,067	0,304
CHR4	25677267	CHR4:25677267	SSF x LoA	-9,35326073	0,078	0,312
CHR4	25677285	CHR4:25677285	SSF x LoA	-11,1342374	0,029	0,305
CHR4	25677332	CHR4:25677332	SSF x LoA	-9,47510899	0,123	0,315
CHR4	25679928	CHR4:25679928	SSF x LoA	-8,67102547	0,012	0,319
CHR4	25681136	CHR4:25681136	SSF x LoA	-3,58207049	-0,142	0,298
CHR4	25681165	CHR4:25681165	SSF x LoA	-8,91880127	0,054	0,303
CHR4	25681210	CHR4:25681210	SSF x LoA	-11,4252368	0,083	0,296
CHR4	25700068	CHR4:25700068	SSF x LoA	-9,35295491	0,097	0,307
CHR4	25700069	CHR4:25700069	SSF x LoA	-8,50844972	0,129	0,285
CHR4	25700128	CHR4:25700128	SSF x LoA	-8,27275201	-0,082	0,319
CHR4	25708173	CHR4:25708173	SSF x LoA	-8,75189247	-0,021	0,318
CHR4	25708230	CHR4:25708230	SSF x LoA	-9,85504456	-0,029	0,306
CHR4	25708245	CHR4:25708245	SSF x LoA	-7,92658744	0,098	0,307
CHR4	25708904	CHR4:25708904	SSF x LoA	-7,110667	0,031	0,317
CHR4	25708948	CHR4:25708948	SSF x LoA	-11,7553398	0,041	0,306
CHR4	25716529	CHR4:25716529	SSF x LoA	-8,9320963	0,070	0,310
CHR4	25724875	CHR4:25724875	SSF x LoA	-10,7254234	0,102	0,313
CHR4	25725128	CHR4:25725128	SSF x LoA	0,02880489	-0,029	0,310
CHR4	25725141	CHR4:25725141	SSF x LoA	-9,30717629	-0,026	0,319
CHR4	25726847	CHR4:25726847	SSF x LoA	-9,40907987	-0,075	0,307
CHR4	25726973	CHR4:25726973	SSF x LoA	-8,27507015	-0,066	0,309
CHR4	25726990	CHR4:25726990	SSF x LoA	-8,89655649	-0,072	0,301
CHR4	25727048	CHR4:25727048	SSF x LoA	-10,0222375	-0,109	0,306
CHR4	25735650	CHR4:25735650	SSF x LoA	-10,0641884	-0,031	0,309
CHR4	25735757	CHR4:25735757	SSF x LoA	-9,96539242	0,080	0,298
CHR4	25735867	CHR4:25735867	SSF x LoA	-11,2011132	-0,061	0,317
CHR4	25738916	CHR4:25738916	SSF x LoA	-10,7921359	0,062	0,314
CHR4	25738937	CHR4:25738937	SSF x LoA	-9,39659417	-0,031	0,309
CHR4	25738940	CHR4:25738940	SSF x LoA	-8,11787361	-0,013	0,314
CHR4	25738953	CHR4:25738953	SSF x LoA	-10,6550924	-0,085	0,311
CHR4	25738964	CHR4:25738964	SSF x LoA	-9,83835961	-0,049	0,304
CHR4	25738970	CHR4:25738970	SSF x LoA	-9,9805628	-0,038	0,301
CHR4	25743188	CHR4:25743188	SSF x LoA	-8,5064711	0,108	0,307
CHR4	25745812	CHR4:25745812	SSF x LoA	-5,31545206	0,109	0,294
CHR4	25745814	CHR4:25745814	SSF x LoA	-7,23737671	0,092	0,309
CHR4	25745862	CHR4:25745862	SSF x LoA	-10,4498139	0,023	0,290
CHR4	25746912	CHR4:25746912	SSF x LoA	-10,4693465	-0,080	0,305
CHR4	25747600	CHR4:25747600	SSF x LoA	-8,96463153	-0,133	0,305
CHR4	25747711	CHR4:25747711	SSF x LoA	-9,19249373	-0,043	0,307
CHR4	25747742	CHR4:25747742	SSF x LoA	-9,77688012	-0,073	0,311
CHR4	25754538	CHR4:25754538	SSF x LoA	-6,5954501	-0,062	0,306
CHR4	25755083	CHR4:25755083	SSF x LoA	-10,8693901	-0,093	0,310
CHR4	25756299	CHR4:25756299	SSF x LoA	-11,4782228	0,013	0,309

CHR4	25756303	CHR4:25756303	SSF x LoA	-7,11837278	0,112	0,320
CHR4	25756332	CHR4:25756332	SSF x LoA	-9,56502276	-0,083	0,317
CHR4	25756343	CHR4:25756343	SSF x LoA	-10,7998752	-0,041	0,319
CHR4	25756365	CHR4:25756365	SSF x LoA	-11,0789743	-0,021	0,303
CHR4	25756381	CHR4:25756381	SSF x LoA	-8,86878176	-0,019	0,302
CHR4	25757075	CHR4:25757075	SSF x LoA	-7,22371428	0,225	0,291
CHR4	25757130	CHR4:25757130	SSF x LoA	-7,42277922	-0,181	0,314
CHR4	25759538	CHR4:25759538	SSF x LoA	-9,93005796	-0,016	0,306
CHR4	25759590	CHR4:25759590	SSF x LoA	-11,7879652	-0,038	0,301
CHR4	25759650	CHR4:25759650	SSF x LoA	-9,58491368	-0,037	0,301
CHR4	25762614	CHR4:25762614	SSF x LoA	-9,23718103	0,135	0,316
CHR4	25762641	CHR4:25762641	SSF x LoA	-8,72290629	-0,064	0,279
CHR4	25762738	CHR4:25762738	SSF x LoA	-10,2511364	0,067	0,305
CHR4	25762857	CHR4:25762857	SSF x LoA	-11,0342888	-0,035	0,283
CHR4	25762881	CHR4:25762881	SSF x LoA	-7,38701633	-0,094	0,306
CHR4	25762889	CHR4:25762889	SSF x LoA	-8,47634501	-0,101	0,300
CHR4	25774468	CHR4:25774468	SSF x LoA	-9,47623086	0,139	0,297
CHR4	25774660	CHR4:25774660	SSF x LoA	-6,22114004	-0,121	0,291
CHR4	25781280	CHR4:25781280	SSF x LoA	-10,6048528	0,034	0,315
CHR4	25785253	CHR4:25785253	SSF x LoA	-7,67997537	0,116	0,318
CHR4	25785289	CHR4:25785289	SSF x LoA	-9,01494979	0,140	0,305
CHR4	25788653	CHR4:25788653	SSF x LoA	-7,77071334	-0,165	0,309
CHR4	25788729	CHR4:25788729	SSF x LoA	-2,97976252	0,213	0,296
CHR4	25793489	CHR4:25793489	SSF x LoA	-8,25930844	0,108	0,291
CHR4	25793548	CHR4:25793548	SSF x LoA	-10,1640918	-0,129	0,302
CHR4	25793564	CHR4:25793564	SSF x LoA	-11,8817707	-0,007	0,308
CHR4	25793634	CHR4:25793634	SSF x LoA	-9,2752463	0,006	0,309
CHR4	25797159	CHR4:25797159	SSF x LoA	-7,92582884	-0,077	0,319
CHR4	25797192	CHR4:25797192	SSF x LoA	-9,8951066	-0,104	0,302
CHR4	25797351	CHR4:25797351	SSF x LoA	-8,14670516	0,082	0,306
CHR4	25803422	CHR4:25803422	SSF x LoA	-8,97785672	-0,053	0,314
CHR4	25803463	CHR4:25803463	SSF x LoA	-6,95135328	-0,219	0,282
CHR4	25803536	CHR4:25803536	SSF x LoA	-8,55791907	0,066	0,311
CHR4	25803566	CHR4:25803566	SSF x LoA	-8,35445083	-0,186	0,292
CHR4	2582780	CHR4:2582780	SSF x LoA	-8,35941787	-0,066	0,302
CHR4	2582807	CHR4:2582807	SSF x LoA	-10,5631586	0,038	0,299
CHR4	2582902	CHR4:2582902	SSF x LoA	-8,43658011	-0,003	0,317
CHR4	25833088	CHR4:25833088	SSF x LoA	-8,79602606	0,091	0,293
CHR4	25833160	CHR4:25833160	SSF x LoA	-9,85540459	-0,124	0,295
CHR4	25833186	CHR4:25833186	SSF x LoA	-7,44839022	0,158	0,293
CHR4	25845820	CHR4:25845820	SSF x LoA	-4,53677853	0,061	0,307
CHR4	25845839	CHR4:25845839	SSF x LoA	-7,2404193	-0,154	0,291
CHR4	25845958	CHR4:25845958	SSF x LoA	-9,8328531	0,058	0,286
CHR4	25846005	CHR4:25846005	SSF x LoA	-11,0066568	0,023	0,308
CHR4	25846050	CHR4:25846050	SSF x LoA	-10,6270518	0,008	0,310
CHR4	25855046	CHR4:25855046	SSF x LoA	-9,91494355	-0,019	0,311
CHR4	25855127	CHR4:25855127	SSF x LoA	-11,3615525	-0,013	0,306
CHR4	25860196	CHR4:25860196	SSF x LoA	-9,42950473	-0,044	0,297
CHR4	25860234	CHR4:25860234	SSF x LoA	-2,57115884	-0,112	0,289
CHR4	25869689	CHR4:25869689	SSF x LoA	-8,17418336	0,052	0,299
CHR4	25869815	CHR4:25869815	SSF x LoA	-7,45406041	-0,026	0,317
CHR4	25878649	CHR4:25878649	SSF x LoA	-10,2025667	0,147	0,299
CHR4	25885896	CHR4:25885896	SSF x LoA	-10,5041169	0,033	0,301

CHR4	25885961	CHR4:25885961	SSF x LoA	-9,43368498	0,091	0,292
CHR4	25886010	CHR4:25886010	SSF x LoA	-8,32856099	-0,020	0,318
CHR4	25886016	CHR4:25886016	SSF x LoA	-9,59683004	0,036	0,289
CHR4	25886082	CHR4:25886082	SSF x LoA	-9,3724502	-0,090	0,304
CHR4	25886086	CHR4:25886086	SSF x LoA	-9,55213746	-0,011	0,289
CHR4	25886134	CHR4:25886134	SSF x LoA	-8,8189371	0,066	0,304
CHR4	2588697	CHR4:2588697	SSF x LoA	-10,5961667	0,088	0,291
CHR4	2588714	CHR4:2588714	SSF x LoA	-10,3061837	-0,022	0,318
CHR4	25899764	CHR4:25899764	SSF x LoA	-5,1091101	-0,194	0,310
CHR4	25899799	CHR4:25899799	SSF x LoA	-6,85495147	-0,105	0,291
CHR4	25899851	CHR4:25899851	SSF x LoA	-5,04877946	-0,098	0,296
CHR4	25919383	CHR4:25919383	SSF x LoA	-11,6030562	0,088	0,309
CHR4	25932903	CHR4:25932903	SSF x LoA	-10,6203443	-0,006	0,315
CHR4	2593441	CHR4:2593441	SSF x LoA	-11,5698734	0,034	0,307
CHR4	2593541	CHR4:2593541	SSF x LoA	-11,8668176	0,002	0,297
CHR4	25943177	CHR4:25943177	SSF x LoA	-9,80755635	-0,027	0,298
CHR4	25953865	CHR4:25953865	SSF x LoA	-6,32568535	-0,175	0,313
CHR4	25959536	CHR4:25959536	SSF x LoA	-6,70422968	0,144	0,285
CHR4	25960087	CHR4:25960087	SSF x LoA	-9,29560994	-0,009	0,323
CHR4	2596369	CHR4:2596369	SSF x LoA	-7,21206744	0,026	0,320
CHR4	25966286	CHR4:25966286	SSF x LoA	-11,3034231	0,045	0,307
CHR4	25966358	CHR4:25966358	SSF x LoA	-9,51950647	0,090	0,309
CHR4	25966404	CHR4:25966404	SSF x LoA	-11,6284875	0,060	0,308
CHR4	25970760	CHR4:25970760	SSF x LoA	-9,31569507	0,060	0,310
CHR4	25970804	CHR4:25970804	SSF x LoA	-12,0219181	-0,083	0,302
CHR4	25970923	CHR4:25970923	SSF x LoA	-9,41754546	-0,002	0,319
CHR4	25973731	CHR4:25973731	SSF x LoA	-8,45321396	-0,061	0,314
CHR4	25973739	CHR4:25973739	SSF x LoA	-2,17605342	-0,141	0,307
CHR4	2597625	CHR4:2597625	SSF x LoA	-10,8871661	-0,058	0,315
CHR4	25982528	CHR4:25982528	SSF x LoA	-10,2993791	-0,030	0,317
CHR4	25982579	CHR4:25982579	SSF x LoA	-9,48666607	-0,041	0,310
CHR4	25982594	CHR4:25982594	SSF x LoA	-11,318177	-0,052	0,303
CHR4	26001897	CHR4:26001897	SSF x LoA	-11,4834533	-0,008	0,314
CHR4	26001898	CHR4:26001898	SSF x LoA	-5,08932092	-0,036	0,314
CHR4	26007808	CHR4:26007808	SSF x LoA	-8,55086761	-0,026	0,315
CHR4	2600795	CHR4:2600795	SSF x LoA	-10,1929978	0,096	0,302
CHR4	26014129	CHR4:26014129	SSF x LoA	-10,9593068	0,015	0,311
CHR4	26015192	CHR4:26015192	SSF x LoA	-9,16209094	-0,106	0,309
CHR4	26018947	CHR4:26018947	SSF x LoA	-11,0786844	-0,003	0,312
CHR4	26029802	CHR4:26029802	SSF x LoA	-7,56020985	-0,152	0,318
CHR4	26029853	CHR4:26029853	SSF x LoA	-6,64230274	-0,131	0,306
CHR4	26036524	CHR4:26036524	SSF x LoA	-11,1098262	-0,023	0,307
CHR4	26036526	CHR4:26036526	SSF x LoA	-4,05015326	0,098	0,309
CHR4	26036543	CHR4:26036543	SSF x LoA	0,20694031	-0,172	0,298
CHR4	26036589	CHR4:26036589	SSF x LoA	-11,0439755	0,079	0,309
CHR4	26036590	CHR4:26036590	SSF x LoA	-8,23109207	0,059	0,312
CHR4	26051689	CHR4:26051689	SSF x LoA	-9,08411161	0,068	0,299
CHR4	26067051	CHR4:26067051	SSF x LoA	-6,12777404	0,033	0,313
CHR4	26067205	CHR4:26067205	SSF x LoA	-8,85396177	0,012	0,315
CHR4	26067269	CHR4:26067269	SSF x LoA	-2,66013948	-0,068	0,311
CHR4	26068250	CHR4:26068250	SSF x LoA	-10,6066086	0,030	0,308
CHR4	2606940	CHR4:2606940	SSF x LoA	-9,45016554	-0,165	0,297
CHR4	2606988	CHR4:2606988	SSF x LoA	-10,7489862	0,081	0,302

CHR4	2607156	CHR4:2607156	SSF x LoA	-7,37931637	0,101	0,313
CHR4	2607162	CHR4:2607162	SSF x LoA	-8,16617306	0,159	0,292
CHR4	26075184	CHR4:26075184	SSF x LoA	-8,92658733	0,040	0,304
CHR4	26075243	CHR4:26075243	SSF x LoA	-10,1604925	0,084	0,300
CHR4	26075263	CHR4:26075263	SSF x LoA	-9,25337249	-0,061	0,315
CHR4	26075264	CHR4:26075264	SSF x LoA	-8,45941546	0,030	0,309
CHR4	26075274	CHR4:26075274	SSF x LoA	-7,54608485	-0,105	0,308
CHR4	26075277	CHR4:26075277	SSF x LoA	-8,36983199	0,029	0,322
CHR4	26075279	CHR4:26075279	SSF x LoA	-9,83124963	0,031	0,302
CHR4	26075280	CHR4:26075280	SSF x LoA	-7,21007526	-0,072	0,309
CHR4	26078967	CHR4:26078967	SSF x LoA	-11,3863791	-0,067	0,316
CHR4	26083756	CHR4:26083756	SSF x LoA	-10,3082011	0,049	0,313
CHR4	26083877	CHR4:26083877	SSF x LoA	-10,3977228	0,018	0,297
CHR4	26083881	CHR4:26083881	SSF x LoA	-8,92407048	-0,028	0,303
CHR4	26083882	CHR4:26083882	SSF x LoA	-9,76555799	0,010	0,298
CHR4	26083909	CHR4:26083909	SSF x LoA	-8,70949013	0,015	0,306
CHR4	26083913	CHR4:26083913	SSF x LoA	-7,65628207	-0,041	0,311
CHR4	26083919	CHR4:26083919	SSF x LoA	-8,3178745	-0,031	0,302
CHR4	26093578	CHR4:26093578	SSF x LoA	-8,83764251	0,014	0,320
CHR4	26096960	CHR4:26096960	SSF x LoA	-8,28987275	-0,102	0,291
CHR4	26106929	CHR4:26106929	SSF x LoA	-11,7440161	0,031	0,301
CHR4	26106932	CHR4:26106932	SSF x LoA	-11,1265166	0,036	0,299
CHR4	26106963	CHR4:26106963	SSF x LoA	-9,81898559	0,061	0,308
CHR4	26126236	CHR4:26126236	SSF x LoA	-9,96381905	0,005	0,303
CHR4	26126290	CHR4:26126290	SSF x LoA	-10,3628044	0,058	0,307
CHR4	26142437	CHR4:26142437	SSF x LoA	-11,2886418	-0,062	0,303
CHR4	26146046	CHR4:26146046	SSF x LoA	-10,8784614	0,031	0,303
CHR4	26154462	CHR4:26154462	SSF x LoA	-8,42511067	-0,178	0,297
CHR4	26163964	CHR4:26163964	SSF x LoA	-10,6965757	0,047	0,295
CHR4	26164825	CHR4:26164825	SSF x LoA	-11,1512507	0,034	0,323
CHR4	26169607	CHR4:26169607	SSF x LoA	-10,5538301	-0,051	0,305
CHR4	26177094	CHR4:26177094	SSF x LoA	-5,12007701	0,047	0,306
CHR4	26177101	CHR4:26177101	SSF x LoA	-9,08319819	0,044	0,311
CHR4	26177329	CHR4:26177329	SSF x LoA	-9,58005439	-0,041	0,301
CHR4	26177371	CHR4:26177371	SSF x LoA	-7,01906329	-0,033	0,330
CHR4	2619196	CHR4:2619196	SSF x LoA	-5,5684394	0,156	0,303
CHR4	2619331	CHR4:2619331	SSF x LoA	-10,1846564	0,001	0,307
CHR4	26202625	CHR4:26202625	SSF x LoA	-11,6081363	-0,039	0,312
CHR4	26216492	CHR4:26216492	SSF x LoA	-10,3444007	-0,045	0,292
CHR4	26218998	CHR4:26218998	SSF x LoA	-9,78016164	0,060	0,316
CHR4	26234552	CHR4:26234552	SSF x LoA	-9,00791548	-0,012	0,296
CHR4	26234557	CHR4:26234557	SSF x LoA	-8,76595926	0,113	0,310
CHR4	26234560	CHR4:26234560	SSF x LoA	-10,3605858	0,013	0,299
CHR4	26234622	CHR4:26234622	SSF x LoA	-10,5687716	-0,033	0,300
CHR4	26234629	CHR4:26234629	SSF x LoA	-7,66250059	-0,057	0,300
CHR4	26239018	CHR4:26239018	SSF x LoA	-11,709827	-0,054	0,304
CHR4	26239220	CHR4:26239220	SSF x LoA	-9,69380813	0,085	0,306
CHR4	26243831	CHR4:26243831	SSF x LoA	-7,42340608	-0,054	0,314
CHR4	26243893	CHR4:26243893	SSF x LoA	-9,11164595	0,012	0,304
CHR4	26243899	CHR4:26243899	SSF x LoA	-11,194773	0,029	0,294
CHR4	26243932	CHR4:26243932	SSF x LoA	-7,65155189	-0,154	0,309
CHR4	26243933	CHR4:26243933	SSF x LoA	-7,3866922	-0,132	0,314
CHR4	26243949	CHR4:26243949	SSF x LoA	-7,58009	0,070	0,310

CHR4	26243973	CHR4:26243973	SSF x LoA	-4,50915132	-0,037	0,314
CHR4	26243992	CHR4:26243992	SSF x LoA	-6,14400158	-0,150	0,298
CHR4	26254068	CHR4:26254068	SSF x LoA	-8,48963568	0,026	0,302
CHR4	26254113	CHR4:26254113	SSF x LoA	-9,19609591	0,094	0,295
CHR4	26268294	CHR4:26268294	SSF x LoA	-9,67071151	-0,084	0,303
CHR4	26268426	CHR4:26268426	SSF x LoA	-9,32521168	0,006	0,307
CHR4	26268464	CHR4:26268464	SSF x LoA	-9,50585127	0,037	0,314
CHR4	2627151	CHR4:2627151	SSF x LoA	-10,6770752	0,082	0,309
CHR4	2627181	CHR4:2627181	SSF x LoA	-9,51796823	-0,038	0,290
CHR4	26271891	CHR4:26271891	SSF x LoA	-10,1787304	0,064	0,311
CHR4	2627374	CHR4:2627374	SSF x LoA	-8,68239727	-0,139	0,304
CHR4	26281380	CHR4:26281380	SSF x LoA	-9,83826818	-0,027	0,313
CHR4	26281410	CHR4:26281410	SSF x LoA	-11,2082924	0,016	0,317
CHR4	26283103	CHR4:26283103	SSF x LoA	-9,90525359	-0,023	0,306
CHR4	26283111	CHR4:26283111	SSF x LoA	-10,1710028	-0,036	0,321
CHR4	26283294	CHR4:26283294	SSF x LoA	-9,70727071	-0,014	0,302
CHR4	26292745	CHR4:26292745	SSF x LoA	-10,3171556	0,068	0,310
CHR4	26292772	CHR4:26292772	SSF x LoA	-8,82786565	0,048	0,307
CHR4	26292825	CHR4:26292825	SSF x LoA	-9,18345256	-0,008	0,314
CHR4	26301249	CHR4:26301249	SSF x LoA	-9,74715719	0,011	0,299
CHR4	26301252	CHR4:26301252	SSF x LoA	-8,59954193	-0,004	0,299
CHR4	26301318	CHR4:26301318	SSF x LoA	-10,7911757	-0,040	0,316
CHR4	2630262	CHR4:2630262	SSF x LoA	-10,9908387	0,084	0,311
CHR4	2630284	CHR4:2630284	SSF x LoA	-9,54113455	0,078	0,301
CHR4	2630310	CHR4:2630310	SSF x LoA	-8,20523687	0,056	0,314
CHR4	26314549	CHR4:26314549	SSF x LoA	-10,9672045	0,086	0,308
CHR4	26314578	CHR4:26314578	SSF x LoA	-9,1401762	0,024	0,302
CHR4	26314646	CHR4:26314646	SSF x LoA	-7,94380828	-0,108	0,314
CHR4	26320231	CHR4:26320231	SSF x LoA	-11,2248604	0,063	0,314
CHR4	26320282	CHR4:26320282	SSF x LoA	-10,5619809	-0,053	0,317
CHR4	26320284	CHR4:26320284	SSF x LoA	-10,1119332	-0,059	0,299
CHR4	26320287	CHR4:26320287	SSF x LoA	-7,60434251	0,073	0,322
CHR4	26321992	CHR4:26321992	SSF x LoA	-12,335351	-0,045	0,301
CHR4	26322169	CHR4:26322169	SSF x LoA	-10,3567024	0,012	0,305
CHR4	26322257	CHR4:26322257	SSF x LoA	-6,2080461	-0,173	0,298
CHR4	26322282	CHR4:26322282	SSF x LoA	-7,05955681	-0,136	0,315
CHR4	26331358	CHR4:26331358	SSF x LoA	-8,05108803	0,133	0,310
CHR4	26331485	CHR4:26331485	SSF x LoA	-11,4879061	0,060	0,302
CHR4	26331489	CHR4:26331489	SSF x LoA	-9,37318664	-0,082	0,310
CHR4	26344923	CHR4:26344923	SSF x LoA	-9,85636616	-0,073	0,310
CHR4	26349760	CHR4:26349760	SSF x LoA	-9,26735602	-0,115	0,301
CHR4	26352916	CHR4:26352916	SSF x LoA	-9,40906747	-0,044	0,318
CHR4	26353015	CHR4:26353015	SSF x LoA	-9,0638113	0,019	0,299
CHR4	26353096	CHR4:26353096	SSF x LoA	-8,04815653	0,040	0,310
CHR4	26359133	CHR4:26359133	SSF x LoA	-7,46194519	0,023	0,303
CHR4	26359321	CHR4:26359321	SSF x LoA	-8,81194816	0,037	0,301
CHR4	26371358	CHR4:26371358	SSF x LoA	-8,08109407	-0,033	0,326
CHR4	26371363	CHR4:26371363	SSF x LoA	-10,764354	0,007	0,322
CHR4	26371384	CHR4:26371384	SSF x LoA	-10,068311	-0,014	0,294
CHR4	26388411	CHR4:26388411	SSF x LoA	-9,64531864	0,148	0,300
CHR4	26388420	CHR4:26388420	SSF x LoA	-9,81787647	0,019	0,293
CHR4	26388474	CHR4:26388474	SSF x LoA	-9,30695744	-0,038	0,292
CHR4	26391589	CHR4:26391589	SSF x LoA	-9,62452254	-0,115	0,301

CHR4	26391626	CHR4:26391626	SSF x LoA	-8,77467714	-0,085	0,320
CHR4	26391652	CHR4:26391652	SSF x LoA	-11,2856453	-0,036	0,307
CHR4	26403679	CHR4:26403679	SSF x LoA	-9,35580658	-0,091	0,310
CHR4	26403683	CHR4:26403683	SSF x LoA	-9,41958524	-0,116	0,299
CHR4	26403692	CHR4:26403692	SSF x LoA	-10,774564	-0,075	0,309
CHR4	26403774	CHR4:26403774	SSF x LoA	-6,06681422	-0,107	0,306
CHR4	26403787	CHR4:26403787	SSF x LoA	-10,3491285	-0,070	0,311
CHR4	26403857	CHR4:26403857	SSF x LoA	-8,38274917	-0,131	0,302
CHR4	26418328	CHR4:26418328	SSF x LoA	-8,4062648	-0,126	0,310
CHR4	26418343	CHR4:26418343	SSF x LoA	-7,02679036	-0,116	0,302
CHR4	26418482	CHR4:26418482	SSF x LoA	-8,50731373	0,014	0,299
CHR4	26418535	CHR4:26418535	SSF x LoA	-10,2213115	0,037	0,301
CHR4	2642232	CHR4:2642232	SSF x LoA	-7,4087656	-0,093	0,305
CHR4	2642272	CHR4:2642272	SSF x LoA	-12,4833824	-0,091	0,306
CHR4	26424475	CHR4:26424475	SSF x LoA	-7,59415494	-0,060	0,299
CHR4	2642464	CHR4:2642464	SSF x LoA	-7,15447375	-0,141	0,304
CHR4	2642479	CHR4:2642479	SSF x LoA	-9,35118992	-0,151	0,298
CHR4	2642503	CHR4:2642503	SSF x LoA	-7,54263645	-0,134	0,308
CHR4	26448588	CHR4:26448588	SSF x LoA	-10,0902108	0,012	0,309
CHR4	26448619	CHR4:26448619	SSF x LoA	-8,77766351	0,087	0,304
CHR4	26470462	CHR4:26470462	SSF x LoA	-7,998494	-0,206	0,294
CHR4	26470502	CHR4:26470502	SSF x LoA	-8,01735701	-0,072	0,306
CHR4	26470509	CHR4:26470509	SSF x LoA	-5,94221668	-0,133	0,312
CHR4	26470556	CHR4:26470556	SSF x LoA	-8,67694997	0,054	0,309
CHR4	26470580	CHR4:26470580	SSF x LoA	-7,96777036	0,049	0,324
CHR4	26470654	CHR4:26470654	SSF x LoA	-7,04119136	-0,099	0,304
CHR4	26470657	CHR4:26470657	SSF x LoA	-9,22400227	0,000	0,303
CHR4	26485113	CHR4:26485113	SSF x LoA	-11,7465689	0,054	0,308
CHR4	26485142	CHR4:26485142	SSF x LoA	-3,73551805	0,049	0,324
CHR4	26485146	CHR4:26485146	SSF x LoA	-10,9874563	-0,046	0,305
CHR4	26485150	CHR4:26485150	SSF x LoA	-9,25681496	0,039	0,308
CHR4	26494279	CHR4:26494279	SSF x LoA	-7,60062722	0,115	0,288
CHR4	26501458	CHR4:26501458	SSF x LoA	-8,96525909	0,072	0,315
CHR4	26501591	CHR4:26501591	SSF x LoA	-10,9345957	0,080	0,309
CHR4	26501630	CHR4:26501630	SSF x LoA	-7,55304152	-0,039	0,306
CHR4	26509284	CHR4:26509284	SSF x LoA	-11,4037931	0,030	0,305
CHR4	26512536	CHR4:26512536	SSF x LoA	-11,0287303	-0,011	0,311
CHR4	26515467	CHR4:26515467	SSF x LoA	-9,88111487	-0,049	0,300
CHR4	26521784	CHR4:26521784	SSF x LoA	-9,30087024	-0,151	0,287
CHR4	26522712	CHR4:26522712	SSF x LoA	-8,85802076	-0,101	0,315
CHR4	26529891	CHR4:26529891	SSF x LoA	-4,16322752	-0,171	0,295
CHR4	26529914	CHR4:26529914	SSF x LoA	-7,8313615	-0,093	0,312
CHR4	26529916	CHR4:26529916	SSF x LoA	-9,90896825	-0,025	0,284
CHR4	26532100	CHR4:26532100	SSF x LoA	-8,87111906	-0,142	0,313
CHR4	26542125	CHR4:26542125	SSF x LoA	-9,6499384	0,007	0,298
CHR4	26551354	CHR4:26551354	SSF x LoA	-10,9234903	-0,056	0,311
CHR4	26551446	CHR4:26551446	SSF x LoA	-11,856957	0,041	0,309
CHR4	26553511	CHR4:26553511	SSF x LoA	-10,6126905	0,058	0,289
CHR4	26553773	CHR4:26553773	SSF x LoA	-9,32353246	-0,037	0,288
CHR4	26561498	CHR4:26561498	SSF x LoA	-10,8783013	0,070	0,311
CHR4	26561590	CHR4:26561590	SSF x LoA	-9,16431463	0,010	0,315
CHR4	26561592	CHR4:26561592	SSF x LoA	-10,8792339	-0,042	0,283
CHR4	26561669	CHR4:26561669	SSF x LoA	-10,0745219	0,115	0,304

CHR4	26563196	CHR4:26563196	SSF x LoA	-8,51819084	-0,129	0,307
CHR4	26564673	CHR4:26564673	SSF x LoA	-7,44324884	-0,013	0,316
CHR4	26565841	CHR4:26565841	SSF x LoA	-10,8427087	0,025	0,321
CHR4	26565940	CHR4:26565940	SSF x LoA	-3,57614654	-0,020	0,307
CHR4	26571264	CHR4:26571264	SSF x LoA	-9,11003929	0,074	0,308
CHR4	26573127	CHR4:26573127	SSF x LoA	-9,91295459	-0,032	0,316
CHR4	26573195	CHR4:26573195	SSF x LoA	-9,67298115	-0,060	0,308
CHR4	26592184	CHR4:26592184	SSF x LoA	-6,48687985	-0,042	0,309
CHR4	26592249	CHR4:26592249	SSF x LoA	-8,98452837	-0,026	0,297
CHR4	26592281	CHR4:26592281	SSF x LoA	-9,64652681	0,048	0,312
CHR4	26593673	CHR4:26593673	SSF x LoA	-10,0294032	-0,083	0,302
CHR4	26593762	CHR4:26593762	SSF x LoA	-9,75391747	-0,053	0,310
CHR4	26593795	CHR4:26593795	SSF x LoA	-7,88920054	0,157	0,296
CHR4	26593820	CHR4:26593820	SSF x LoA	-8,17446802	-0,082	0,308
CHR4	26596667	CHR4:26596667	SSF x LoA	-8,11053603	-0,007	0,305
CHR4	26596678	CHR4:26596678	SSF x LoA	-9,84428268	0,019	0,279
CHR4	26606683	CHR4:26606683	SSF x LoA	-7,21527222	0,069	0,305
CHR4	26606706	CHR4:26606706	SSF x LoA	-9,59511776	-0,073	0,307
CHR4	26606785	CHR4:26606785	SSF x LoA	-8,7793331	0,072	0,294
CHR4	26606828	CHR4:26606828	SSF x LoA	-10,5935175	-0,125	0,303
CHR4	26608234	CHR4:26608234	SSF x LoA	-9,24205191	-0,032	0,304
CHR4	26608254	CHR4:26608254	SSF x LoA	-11,1476799	0,017	0,323
CHR4	26608258	CHR4:26608258	SSF x LoA	-9,4100444	-0,048	0,298
CHR4	26608272	CHR4:26608272	SSF x LoA	-3,65480556	0,149	0,315
CHR4	26608274	CHR4:26608274	SSF x LoA	-9,2985439	0,043	0,308
CHR4	26608367	CHR4:26608367	SSF x LoA	-8,99462372	-0,019	0,302
CHR4	26608457	CHR4:26608457	SSF x LoA	-8,81390078	-0,020	0,307
CHR4	26614777	CHR4:26614777	SSF x LoA	-5,26446095	0,012	0,306
CHR4	26614794	CHR4:26614794	SSF x LoA	-11,1666753	0,044	0,302
CHR4	26621273	CHR4:26621273	SSF x LoA	-9,20194925	-0,061	0,302
CHR4	26636990	CHR4:26636990	SSF x LoA	-11,5978928	-0,063	0,309
CHR4	26641671	CHR4:26641671	SSF x LoA	-11,7922666	-0,052	0,304
CHR4	26641678	CHR4:26641678	SSF x LoA	-7,79587774	-0,069	0,304
CHR4	26656887	CHR4:26656887	SSF x LoA	-8,82638563	-0,069	0,315
CHR4	26658642	CHR4:26658642	SSF x LoA	-11,1941881	0,002	0,311
CHR4	26658726	CHR4:26658726	SSF x LoA	-9,61528031	0,010	0,303
CHR4	26658864	CHR4:26658864	SSF x LoA	-9,33577472	-0,051	0,313
CHR4	26660211	CHR4:26660211	SSF x LoA	-1,75989715	-0,124	0,307
CHR4	26660214	CHR4:26660214	SSF x LoA	-10,2620795	-0,042	0,299
CHR4	26660216	CHR4:26660216	SSF x LoA	-3,29033223	0,105	0,305
CHR4	26660217	CHR4:26660217	SSF x LoA	-11,1111731	-0,131	0,301
CHR4	26690464	CHR4:26690464	SSF x LoA	-7,73239509	0,178	0,315
CHR4	26690553	CHR4:26690553	SSF x LoA	-11,8361207	0,006	0,306
CHR4	2670456	CHR4:2670456	SSF x LoA	-10,828852	-0,001	0,316
CHR4	2670564	CHR4:2670564	SSF x LoA	-10,4608552	-0,042	0,314
CHR4	2670608	CHR4:2670608	SSF x LoA	-9,13456078	-0,018	0,309
CHR4	26706217	CHR4:26706217	SSF x LoA	-8,8669389	-0,046	0,315
CHR4	26706225	CHR4:26706225	SSF x LoA	-8,87830864	-0,048	0,306
CHR4	26706228	CHR4:26706228	SSF x LoA	-9,1802666	-0,074	0,304
CHR4	26706268	CHR4:26706268	SSF x LoA	-10,6688152	-0,081	0,295
CHR4	26706275	CHR4:26706275	SSF x LoA	-8,82070977	-0,041	0,310
CHR4	26706328	CHR4:26706328	SSF x LoA	-5,99801798	0,174	0,294
CHR4	26706357	CHR4:26706357	SSF x LoA	-8,99154042	0,040	0,315

CHR4	26706431	CHR4:26706431	SSF x LoA	-2,82086555	-0,184	0,300
CHR4	26710700	CHR4:26710700	SSF x LoA	-9,63399147	-0,008	0,293
CHR4	26710702	CHR4:26710702	SSF x LoA	-9,49224502	-0,013	0,304
CHR4	26710708	CHR4:26710708	SSF x LoA	-9,69349776	0,002	0,312
CHR4	26710773	CHR4:26710773	SSF x LoA	-9,74903197	-0,003	0,298
CHR4	26710778	CHR4:26710778	SSF x LoA	-7,46510797	0,012	0,314
CHR4	26710792	CHR4:26710792	SSF x LoA	-8,72118417	-0,083	0,312
CHR4	26710799	CHR4:26710799	SSF x LoA	-9,68644357	0,079	0,296
CHR4	26710883	CHR4:26710883	SSF x LoA	-9,60008547	-0,056	0,300
CHR4	26710966	CHR4:26710966	SSF x LoA	-7,6200301	-0,154	0,300
CHR4	26714382	CHR4:26714382	SSF x LoA	-9,49247574	0,081	0,321
CHR4	26719349	CHR4:26719349	SSF x LoA	-8,54781569	-0,009	0,307
CHR4	26719410	CHR4:26719410	SSF x LoA	-11,0877132	-0,086	0,302
CHR4	26719475	CHR4:26719475	SSF x LoA	-8,95990333	-0,007	0,306
CHR4	26719508	CHR4:26719508	SSF x LoA	-9,15128822	0,098	0,296
CHR4	26719524	CHR4:26719524	SSF x LoA	-12,172136	0,034	0,294
CHR4	2673002	CHR4:2673002	SSF x LoA	-9,18088152	0,002	0,310
CHR4	2673054	CHR4:2673054	SSF x LoA	-7,04693417	0,011	0,299
CHR4	26732899	CHR4:26732899	SSF x LoA	-9,49062189	0,071	0,301
CHR4	26732911	CHR4:26732911	SSF x LoA	-11,0331211	-0,018	0,308
CHR4	26734433	CHR4:26734433	SSF x LoA	-9,29101479	0,072	0,316
CHR4	26734787	CHR4:26734787	SSF x LoA	-10,212488	-0,036	0,294
CHR4	26752415	CHR4:26752415	SSF x LoA	-8,53671413	0,020	0,308
CHR4	26752467	CHR4:26752467	SSF x LoA	-8,81502899	-0,106	0,297
CHR4	26752531	CHR4:26752531	SSF x LoA	-11,9213133	-0,001	0,301
CHR4	26752547	CHR4:26752547	SSF x LoA	-8,20599425	0,148	0,295
CHR4	26758630	CHR4:26758630	SSF x LoA	-10,5307592	-0,022	0,312
CHR4	26759474	CHR4:26759474	SSF x LoA	-9,3022734	0,077	0,292
CHR4	26760152	CHR4:26760152	SSF x LoA	-8,74195612	-0,023	0,311
CHR4	26760153	CHR4:26760153	SSF x LoA	-9,77959981	0,013	0,304
CHR4	26760160	CHR4:26760160	SSF x LoA	-7,74399885	0,061	0,321
CHR4	26760217	CHR4:26760217	SSF x LoA	-7,09845187	0,060	0,324
CHR4	26760279	CHR4:26760279	SSF x LoA	-8,14573767	-0,036	0,300
CHR4	26762971	CHR4:26762971	SSF x LoA	-6,19533674	0,217	0,286
CHR4	26763029	CHR4:26763029	SSF x LoA	-4,95195472	-0,109	0,305
CHR4	26764223	CHR4:26764223	SSF x LoA	-10,4951771	-0,011	0,319
CHR4	26766389	CHR4:26766389	SSF x LoA	-7,10903446	0,096	0,279
CHR4	26766514	CHR4:26766514	SSF x LoA	-7,26492882	-0,101	0,305
CHR4	26771477	CHR4:26771477	SSF x LoA	-9,17645363	0,106	0,304
CHR4	26771591	CHR4:26771591	SSF x LoA	-7,07212414	-0,084	0,298
CHR4	26771685	CHR4:26771685	SSF x LoA	-7,18685996	0,131	0,316
CHR4	26777255	CHR4:26777255	SSF x LoA	-7,11994429	0,118	0,313
CHR4	26777459	CHR4:26777459	SSF x LoA	-9,67025809	-0,048	0,306
CHR4	26778952	CHR4:26778952	SSF x LoA	-9,51993241	0,111	0,296
CHR4	2677896	CHR4:2677896	SSF x LoA	-10,1809361	-0,010	0,302
CHR4	2678074	CHR4:2678074	SSF x LoA	-9,60074779	0,037	0,308
CHR4	26789282	CHR4:26789282	SSF x LoA	-10,5540459	0,048	0,305
CHR4	26789437	CHR4:26789437	SSF x LoA	-8,60397916	-0,040	0,314
CHR4	26795328	CHR4:26795328	SSF x LoA	-3,17004101	0,076	0,317
CHR4	26795339	CHR4:26795339	SSF x LoA	-4,54632422	-0,008	0,301
CHR4	26795359	CHR4:26795359	SSF x LoA	-6,71051841	0,090	0,314
CHR4	26795412	CHR4:26795412	SSF x LoA	-5,73947339	-0,165	0,305
CHR4	26795473	CHR4:26795473	SSF x LoA	-10,1581749	0,059	0,302

CHR4	26807952	CHR4:26807952	SSF x LoA	-8,79304439	-0,067	0,306
CHR4	26808060	CHR4:26808060	SSF x LoA	-9,21804228	0,099	0,309
CHR4	26815061	CHR4:26815061	SSF x LoA	-9,09427069	0,045	0,317
CHR4	26815073	CHR4:26815073	SSF x LoA	-10,667662	0,051	0,319
CHR4	26815112	CHR4:26815112	SSF x LoA	-3,48547145	0,033	0,329
CHR4	268228	CHR4:268228	SSF x LoA	-10,1520618	-0,120	0,308
CHR4	26824401	CHR4:26824401	SSF x LoA	-10,5863219	-0,076	0,307
CHR4	26824404	CHR4:26824404	SSF x LoA	-11,5263453	0,066	0,308
CHR4	26824416	CHR4:26824416	SSF x LoA	-9,94266205	-0,029	0,305
CHR4	26824418	CHR4:26824418	SSF x LoA	-8,96887086	-0,022	0,304
CHR4	26824419	CHR4:26824419	SSF x LoA	-9,18143536	-0,005	0,308
CHR4	26824444	CHR4:26824444	SSF x LoA	-7,20491891	-0,125	0,301
CHR4	26824475	CHR4:26824475	SSF x LoA	-7,57127693	-0,060	0,319
CHR4	26824576	CHR4:26824576	SSF x LoA	-10,657638	0,010	0,313
CHR4	268369	CHR4:268369	SSF x LoA	-4,63285623	-0,119	0,310
CHR4	26840325	CHR4:26840325	SSF x LoA	-8,88123465	-0,099	0,296
CHR4	26840360	CHR4:26840360	SSF x LoA	-7,11557466	-0,090	0,306
CHR4	26840362	CHR4:26840362	SSF x LoA	-7,90946267	-0,115	0,291
CHR4	2684332	CHR4:2684332	SSF x LoA	-7,00840929	-0,096	0,320
CHR4	2684335	CHR4:2684335	SSF x LoA	-6,12807345	0,063	0,301
CHR4	26849266	CHR4:26849266	SSF x LoA	-8,36812941	-0,019	0,324
CHR4	26849476	CHR4:26849476	SSF x LoA	-6,50927253	0,133	0,310
CHR4	26861137	CHR4:26861137	SSF x LoA	-9,10834429	0,096	0,299
CHR4	26861177	CHR4:26861177	SSF x LoA	-9,32160825	0,097	0,304
CHR4	26870084	CHR4:26870084	SSF x LoA	-1,67488586	0,021	0,300
CHR4	26870086	CHR4:26870086	SSF x LoA	-10,5877244	0,046	0,316
CHR4	26870110	CHR4:26870110	SSF x LoA	-11,0096406	-0,033	0,306
CHR4	26870134	CHR4:26870134	SSF x LoA	-8,76944411	0,065	0,306
CHR4	26870135	CHR4:26870135	SSF x LoA	-8,48576306	0,094	0,305
CHR4	26870197	CHR4:26870197	SSF x LoA	-6,96947552	0,022	0,309
CHR4	26870198	CHR4:26870198	SSF x LoA	-11,0651588	-0,013	0,301
CHR4	26876054	CHR4:26876054	SSF x LoA	-7,71974313	0,061	0,308
CHR4	26876091	CHR4:26876091	SSF x LoA	-8,55891151	0,044	0,296
CHR4	26876157	CHR4:26876157	SSF x LoA	-3,91456219	0,093	0,307
CHR4	26876190	CHR4:26876190	SSF x LoA	-8,42463312	-0,111	0,311
CHR4	26876202	CHR4:26876202	SSF x LoA	-10,481925	-0,049	0,288
CHR4	26876218	CHR4:26876218	SSF x LoA	-11,6205492	-0,022	0,322
CHR4	26876234	CHR4:26876234	SSF x LoA	-10,0208883	0,019	0,297
CHR4	26876249	CHR4:26876249	SSF x LoA	2,25243916	0,006	0,317
CHR4	26886743	CHR4:26886743	SSF x LoA	-8,70382114	0,210	0,297
CHR4	26908526	CHR4:26908526	SSF x LoA	-8,0029516	0,073	0,319
CHR4	26908545	CHR4:26908545	SSF x LoA	-12,5033775	0,015	0,304
CHR4	26926470	CHR4:26926470	SSF x LoA	-8,10334932	-0,022	0,317
CHR4	26926585	CHR4:26926585	SSF x LoA	-10,9438798	-0,056	0,315
CHR4	26926637	CHR4:26926637	SSF x LoA	-8,61322821	-0,034	0,316
CHR4	26926648	CHR4:26926648	SSF x LoA	-3,70441769	0,068	0,314
CHR4	26926671	CHR4:26926671	SSF x LoA	-11,1088716	-0,003	0,303
CHR4	26926691	CHR4:26926691	SSF x LoA	-7,18961446	-0,041	0,301
CHR4	26932376	CHR4:26932376	SSF x LoA	-7,08471291	0,045	0,306
CHR4	26932392	CHR4:26932392	SSF x LoA	-9,49750175	-0,041	0,288
CHR4	26932404	CHR4:26932404	SSF x LoA	-8,55442459	-0,064	0,313
CHR4	26932473	CHR4:26932473	SSF x LoA	-9,69516412	-0,051	0,328
CHR4	26932485	CHR4:26932485	SSF x LoA	-3,85611299	-0,052	0,307

CHR4	26932587	CHR4:26932587	SSF x LoA	-9,88198519	-0,061	0,307
CHR4	26933616	CHR4:26933616	SSF x LoA	-10,141468	-0,026	0,303
CHR4	26933671	CHR4:26933671	SSF x LoA	-9,86157771	0,034	0,304
CHR4	26939471	CHR4:26939471	SSF x LoA	-8,19186737	0,008	0,300
CHR4	2694703	CHR4:2694703	SSF x LoA	-8,75071172	-0,004	0,299
CHR4	2694711	CHR4:2694711	SSF x LoA	-1,39802631	-0,001	0,290
CHR4	2694744	CHR4:2694744	SSF x LoA	-8,85125032	0,126	0,314
CHR4	2694800	CHR4:2694800	SSF x LoA	-8,8477313	0,016	0,312
CHR4	2694850	CHR4:2694850	SSF x LoA	-6,22638141	-0,050	0,314
CHR4	2694869	CHR4:2694869	SSF x LoA	-9,73353489	0,111	0,323
CHR4	2694899	CHR4:2694899	SSF x LoA	-9,30700936	-0,030	0,299
CHR4	26952925	CHR4:26952925	SSF x LoA	-9,60482156	0,003	0,306
CHR4	26952930	CHR4:26952930	SSF x LoA	-11,5197094	0,021	0,310
CHR4	26952933	CHR4:26952933	SSF x LoA	-11,0199501	-0,008	0,319
CHR4	26953119	CHR4:26953119	SSF x LoA	-10,5786575	-0,021	0,310
CHR4	26953263	CHR4:26953263	SSF x LoA	-10,595166	-0,064	0,302
CHR4	26961057	CHR4:26961057	SSF x LoA	-9,83865205	0,136	0,308
CHR4	26961084	CHR4:26961084	SSF x LoA	-7,20520801	0,107	0,296
CHR4	26961097	CHR4:26961097	SSF x LoA	-9,74775342	-0,001	0,296
CHR4	26963172	CHR4:26963172	SSF x LoA	-5,70937411	0,169	0,295
CHR4	26963217	CHR4:26963217	SSF x LoA	-10,9601591	0,133	0,309
CHR4	26963232	CHR4:26963232	SSF x LoA	-9,10890848	0,119	0,298
CHR4	26963253	CHR4:26963253	SSF x LoA	-8,20986326	0,125	0,296
CHR4	26963259	CHR4:26963259	SSF x LoA	-7,05985165	0,147	0,304
CHR4	26963489	CHR4:26963489	SSF x LoA	-9,73219346	0,094	0,296
CHR4	26963495	CHR4:26963495	SSF x LoA	-9,45232124	-0,026	0,301
CHR4	26963534	CHR4:26963534	SSF x LoA	-10,4275137	0,007	0,321
CHR4	26963592	CHR4:26963592	SSF x LoA	-8,79310992	0,012	0,305
CHR4	26965205	CHR4:26965205	SSF x LoA	-9,83534444	0,083	0,308
CHR4	26967936	CHR4:26967936	SSF x LoA	-10,6751211	0,037	0,311
CHR4	26968062	CHR4:26968062	SSF x LoA	-10,4783423	0,106	0,305
CHR4	26972002	CHR4:26972002	SSF x LoA	-8,39834413	0,075	0,311
CHR4	26972019	CHR4:26972019	SSF x LoA	-8,22383462	0,031	0,314
CHR4	26972021	CHR4:26972021	SSF x LoA	-9,49088239	-0,090	0,305
CHR4	26972203	CHR4:26972203	SSF x LoA	-11,6417581	0,000	0,311
CHR4	26972249	CHR4:26972249	SSF x LoA	-11,0571087	-0,058	0,291
CHR4	26978284	CHR4:26978284	SSF x LoA	-7,14696943	0,053	0,301
CHR4	26979513	CHR4:26979513	SSF x LoA	-10,147987	-0,035	0,310
CHR4	26989720	CHR4:26989720	SSF x LoA	-9,00586359	0,118	0,314
CHR4	26989746	CHR4:26989746	SSF x LoA	-8,58714007	0,155	0,311
CHR4	26989756	CHR4:26989756	SSF x LoA	-9,95775035	0,023	0,324
CHR4	26989760	CHR4:26989760	SSF x LoA	-9,64220523	0,053	0,291
CHR4	26989768	CHR4:26989768	SSF x LoA	-11,0903896	0,040	0,312
CHR4	26989836	CHR4:26989836	SSF x LoA	-9,95588958	0,018	0,315
CHR4	26989861	CHR4:26989861	SSF x LoA	-8,23464844	-0,044	0,295
CHR4	2699429	CHR4:2699429	SSF x LoA	-9,16770844	-0,012	0,309
CHR4	2699493	CHR4:2699493	SSF x LoA	-9,21307164	0,192	0,305
CHR4	2699509	CHR4:2699509	SSF x LoA	-5,95438939	0,025	0,303
CHR4	2699510	CHR4:2699510	SSF x LoA	-9,68498003	-0,033	0,313
CHR4	27002221	CHR4:27002221	SSF x LoA	-9,51888465	-0,041	0,299
CHR4	27002517	CHR4:27002517	SSF x LoA	-7,4113168	-0,143	0,303
CHR4	27020120	CHR4:27020120	SSF x LoA	-8,9614027	0,046	0,314
CHR4	2703403	CHR4:2703403	SSF x LoA	-7,59084553	-0,059	0,303

CHR4	27047652	CHR4:27047652	SSF x LoA	-9,86014915	0,038	0,312
CHR4	27047667	CHR4:27047667	SSF x LoA	-8,9570144	-0,014	0,316
CHR4	27047686	CHR4:27047686	SSF x LoA	-3,75665234	-0,103	0,320
CHR4	27047688	CHR4:27047688	SSF x LoA	-6,48962872	-0,128	0,286
CHR4	27047764	CHR4:27047764	SSF x LoA	-8,42105182	-0,021	0,307
CHR4	27047786	CHR4:27047786	SSF x LoA	-6,33668482	-0,107	0,291
CHR4	27047802	CHR4:27047802	SSF x LoA	-8,6644933	-0,105	0,311
CHR4	27062988	CHR4:27062988	SSF x LoA	-8,30779206	0,082	0,316
CHR4	27063004	CHR4:27063004	SSF x LoA	-11,1375418	0,105	0,310
CHR4	27063124	CHR4:27063124	SSF x LoA	-9,8874908	0,051	0,315
CHR4	27063219	CHR4:27063219	SSF x LoA	-10,6930025	0,004	0,309
CHR4	27063267	CHR4:27063267	SSF x LoA	-9,54675513	-0,030	0,316
CHR4	2707823	CHR4:2707823	SSF x LoA	-8,94312143	-0,004	0,309
CHR4	27079197	CHR4:27079197	SSF x LoA	-11,004301	-0,001	0,301
CHR4	27079224	CHR4:27079224	SSF x LoA	-8,33272558	0,039	0,312
CHR4	27079357	CHR4:27079357	SSF x LoA	-11,4628063	0,000	0,314
CHR4	27079365	CHR4:27079365	SSF x LoA	-6,87499825	0,153	0,300
CHR4	27080409	CHR4:27080409	SSF x LoA	-8,23504441	0,077	0,313
CHR4	27080566	CHR4:27080566	SSF x LoA	-9,90812134	-0,011	0,322
CHR4	27088592	CHR4:27088592	SSF x LoA	-8,74413126	-0,168	0,290
CHR4	27088679	CHR4:27088679	SSF x LoA	-10,8233442	0,003	0,311
CHR4	27091427	CHR4:27091427	SSF x LoA	-10,1187967	0,080	0,308
CHR4	27091433	CHR4:27091433	SSF x LoA	-7,6795335	-0,128	0,295
CHR4	27091446	CHR4:27091446	SSF x LoA	-8,80631305	-0,029	0,293
CHR4	27091461	CHR4:27091461	SSF x LoA	-10,0893444	-0,077	0,296
CHR4	27091486	CHR4:27091486	SSF x LoA	-9,14073914	-0,100	0,293
CHR4	27091499	CHR4:27091499	SSF x LoA	-9,34420916	-0,057	0,300
CHR4	27091548	CHR4:27091548	SSF x LoA	-8,80586392	0,163	0,301
CHR4	27091588	CHR4:27091588	SSF x LoA	-7,83817923	-0,123	0,303
CHR4	27091593	CHR4:27091593	SSF x LoA	-8,7570684	0,077	0,322
CHR4	27098906	CHR4:27098906	SSF x LoA	-9,78454036	0,006	0,301
CHR4	27099041	CHR4:27099041	SSF x LoA	-9,27353815	-0,092	0,320
CHR4	27099206	CHR4:27099206	SSF x LoA	-8,29593848	-0,005	0,309
CHR4	27108160	CHR4:27108160	SSF x LoA	-8,9716895	-0,039	0,300
CHR4	27108281	CHR4:27108281	SSF x LoA	-9,15088087	-0,020	0,315
CHR4	27118081	CHR4:27118081	SSF x LoA	-7,18617359	0,054	0,300
CHR4	27118157	CHR4:27118157	SSF x LoA	-9,06643632	0,013	0,296
CHR4	2712554	CHR4:2712554	SSF x LoA	-9,555036	0,007	0,308
CHR4	2712555	CHR4:2712555	SSF x LoA	-9,33957306	-0,054	0,322
CHR4	2712664	CHR4:2712664	SSF x LoA	-11,6568147	0,057	0,319
CHR4	27130531	CHR4:27130531	SSF x LoA	-7,32404879	0,063	0,306
CHR4	27130554	CHR4:27130554	SSF x LoA	-8,8134466	-0,041	0,308
CHR4	27130584	CHR4:27130584	SSF x LoA	-7,49190895	0,057	0,306
CHR4	27130597	CHR4:27130597	SSF x LoA	-6,54897973	0,150	0,293
CHR4	27130603	CHR4:27130603	SSF x LoA	-9,94977963	-0,121	0,306
CHR4	27130612	CHR4:27130612	SSF x LoA	-9,58637622	-0,008	0,304
CHR4	27136865	CHR4:27136865	SSF x LoA	-9,94508534	0,087	0,317
CHR4	27139431	CHR4:27139431	SSF x LoA	-10,404521	0,110	0,294
CHR4	27141148	CHR4:27141148	SSF x LoA	-10,2179659	-0,088	0,299
CHR4	27141192	CHR4:27141192	SSF x LoA	-9,30913057	0,029	0,309
CHR4	27141209	CHR4:27141209	SSF x LoA	-7,63763474	0,107	0,296
CHR4	27148037	CHR4:27148037	SSF x LoA	-9,22323299	0,005	0,317
CHR4	27159421	CHR4:27159421	SSF x LoA	-9,16540666	-0,105	0,300

CHR4	27159458	CHR4:27159458	SSF x LoA	0,83995444	-0,012	0,311
CHR4	27164565	CHR4:27164565	SSF x LoA	-10,9840746	-0,016	0,299
CHR4	27164854	CHR4:27164854	SSF x LoA	-8,38613244	0,074	0,311
CHR4	27170587	CHR4:27170587	SSF x LoA	-10,5655096	-0,043	0,302
CHR4	27170616	CHR4:27170616	SSF x LoA	-8,88034662	0,098	0,302
CHR4	27170671	CHR4:27170671	SSF x LoA	-11,1876595	0,058	0,314
CHR4	27170683	CHR4:27170683	SSF x LoA	-9,66377186	-0,066	0,319
CHR4	27170684	CHR4:27170684	SSF x LoA	-10,2696156	-0,034	0,303
CHR4	27170693	CHR4:27170693	SSF x LoA	-9,74026873	-0,073	0,313
CHR4	27170730	CHR4:27170730	SSF x LoA	-10,1576817	0,024	0,311
CHR4	27170754	CHR4:27170754	SSF x LoA	-7,89354929	-0,015	0,307
CHR4	27176131	CHR4:27176131	SSF x LoA	-10,2400403	-0,037	0,307
CHR4	27176206	CHR4:27176206	SSF x LoA	-9,85018608	-0,011	0,304
CHR4	27176236	CHR4:27176236	SSF x LoA	-8,17555643	0,082	0,309
CHR4	27176326	CHR4:27176326	SSF x LoA	-9,63043978	0,029	0,318
CHR4	27179557	CHR4:27179557	SSF x LoA	-8,98090499	0,142	0,278
CHR4	27179565	CHR4:27179565	SSF x LoA	-8,31569516	-0,096	0,294
CHR4	27179577	CHR4:27179577	SSF x LoA	-3,68362512	-0,184	0,306
CHR4	27179677	CHR4:27179677	SSF x LoA	-7,95741473	-0,011	0,310
CHR4	27193088	CHR4:27193088	SSF x LoA	-9,58522861	-0,051	0,308
CHR4	27243352	CHR4:27243352	SSF x LoA	-8,44469434	0,048	0,317
CHR4	27246697	CHR4:27246697	SSF x LoA	-11,4107668	-0,003	0,312
CHR4	27246798	CHR4:27246798	SSF x LoA	-11,4890085	0,023	0,309
CHR4	27248715	CHR4:27248715	SSF x LoA	-8,69379934	-0,029	0,298
CHR4	27248784	CHR4:27248784	SSF x LoA	-10,1471315	-0,014	0,300
CHR4	27248785	CHR4:27248785	SSF x LoA	-8,92676442	-0,039	0,292
CHR4	2725445	CHR4:2725445	SSF x LoA	-4,01127129	-0,067	0,314
CHR4	2725458	CHR4:2725458	SSF x LoA	-11,0614057	-0,017	0,307
CHR4	2725464	CHR4:2725464	SSF x LoA	-9,18791759	0,004	0,297
CHR4	2725469	CHR4:2725469	SSF x LoA	-10,054627	0,007	0,311
CHR4	2725487	CHR4:2725487	SSF x LoA	-11,1388922	-0,062	0,299
CHR4	2725498	CHR4:2725498	SSF x LoA	-11,1340403	-0,067	0,312
CHR4	2725536	CHR4:2725536	SSF x LoA	-8,50403863	0,047	0,300
CHR4	27260370	CHR4:27260370	SSF x LoA	-11,7560337	0,026	0,307
CHR4	27260379	CHR4:27260379	SSF x LoA	-10,1988435	0,033	0,320
CHR4	27260389	CHR4:27260389	SSF x LoA	-11,1653465	-0,008	0,296
CHR4	27260394	CHR4:27260394	SSF x LoA	-9,50165884	0,028	0,295
CHR4	27261240	CHR4:27261240	SSF x LoA	-10,0280157	0,036	0,298
CHR4	2727992	CHR4:2727992	SSF x LoA	-12,3679056	-0,029	0,303
CHR4	27301689	CHR4:27301689	SSF x LoA	-11,0976251	-0,074	0,290
CHR4	27301749	CHR4:27301749	SSF x LoA	-10,8932229	-0,077	0,304
CHR4	27301756	CHR4:27301756	SSF x LoA	-9,22034204	-0,008	0,299
CHR4	27310185	CHR4:27310185	SSF x LoA	-8,98844513	-0,057	0,307
CHR4	27310318	CHR4:27310318	SSF x LoA	-8,16821145	0,120	0,301
CHR4	27327156	CHR4:27327156	SSF x LoA	-11,829	-0,041	0,303
CHR4	27327340	CHR4:27327340	SSF x LoA	-9,23837631	-0,061	0,317
CHR4	27327414	CHR4:27327414	SSF x LoA	-11,7947061	-0,010	0,306
CHR4	27334387	CHR4:27334387	SSF x LoA	-10,6057022	0,060	0,307
CHR4	27334420	CHR4:27334420	SSF x LoA	-12,2103628	0,003	0,308
CHR4	27343678	CHR4:27343678	SSF x LoA	-8,64242429	0,188	0,293
CHR4	2734422	CHR4:2734422	SSF x LoA	-2,71848611	-0,015	0,313
CHR4	27344257	CHR4:27344257	SSF x LoA	-8,49646145	-0,036	0,324
CHR4	2734487	CHR4:2734487	SSF x LoA	-10,2618534	0,009	0,307

CHR4	2734491	CHR4:2734491	SSF x LoA	-10,4764065	0,056	0,306
CHR4	27345015	CHR4:27345015	SSF x LoA	-10,5945846	0,089	0,305
CHR4	27345129	CHR4:27345129	SSF x LoA	-8,13487323	0,175	0,302
CHR4	27345192	CHR4:27345192	SSF x LoA	-11,0938819	-0,034	0,304
CHR4	27345237	CHR4:27345237	SSF x LoA	-10,8628168	-0,089	0,309
CHR4	27346392	CHR4:27346392	SSF x LoA	-8,34110616	-0,126	0,300
CHR4	27346921	CHR4:27346921	SSF x LoA	-10,3329099	0,035	0,308
CHR4	27347011	CHR4:27347011	SSF x LoA	-10,9942589	0,000	0,306
CHR4	27347060	CHR4:27347060	SSF x LoA	-11,7261632	0,049	0,297
CHR4	27352831	CHR4:27352831	SSF x LoA	-10,5163529	-0,033	0,296
CHR4	27352858	CHR4:27352858	SSF x LoA	-9,96289993	-0,022	0,308
CHR4	27352869	CHR4:27352869	SSF x LoA	-10,998059	-0,055	0,306
CHR4	27352884	CHR4:27352884	SSF x LoA	-9,36644119	0,071	0,302
CHR4	27352885	CHR4:27352885	SSF x LoA	-9,41206188	0,060	0,313
CHR4	27353068	CHR4:27353068	SSF x LoA	-11,5068128	0,030	0,302
CHR4	27353080	CHR4:27353080	SSF x LoA	-9,5482583	-0,001	0,311
CHR4	27354923	CHR4:27354923	SSF x LoA	-9,90854758	0,074	0,305
CHR4	27354942	CHR4:27354942	SSF x LoA	-9,77510575	-0,078	0,302
CHR4	27354957	CHR4:27354957	SSF x LoA	-10,553244	0,107	0,295
CHR4	27360548	CHR4:27360548	SSF x LoA	-8,8560259	-0,048	0,286
CHR4	27360683	CHR4:27360683	SSF x LoA	-5,68723872	0,030	0,309
CHR4	27363035	CHR4:27363035	SSF x LoA	-8,45399295	0,022	0,303
CHR4	27364000	CHR4:27364000	SSF x LoA	-11,4591976	-0,013	0,309
CHR4	27364007	CHR4:27364007	SSF x LoA	-7,87535273	0,007	0,313
CHR4	27367019	CHR4:27367019	SSF x LoA	-8,57724408	-0,022	0,311
CHR4	27367022	CHR4:27367022	SSF x LoA	-8,75925465	0,045	0,301
CHR4	27369167	CHR4:27369167	SSF x LoA	-8,02452379	0,143	0,302
CHR4	27369172	CHR4:27369172	SSF x LoA	-9,17467567	-0,133	0,272
CHR4	27369273	CHR4:27369273	SSF x LoA	-4,77850797	-0,110	0,307
CHR4	27384788	CHR4:27384788	SSF x LoA	-11,6029386	0,007	0,312
CHR4	27409035	CHR4:27409035	SSF x LoA	-8,53212865	-0,001	0,307
CHR4	27419422	CHR4:27419422	SSF x LoA	-4,05847519	0,042	0,319
CHR4	2742547	CHR4:2742547	SSF x LoA	-8,90854326	0,073	0,297
CHR4	2742699	CHR4:2742699	SSF x LoA	-6,6476655	-0,013	0,308
CHR4	2742702	CHR4:2742702	SSF x LoA	-9,58956845	-0,060	0,299
CHR4	2742725	CHR4:2742725	SSF x LoA	-10,588766	0,051	0,322
CHR4	27429903	CHR4:27429903	SSF x LoA	-7,66479835	-0,092	0,300
CHR4	27430040	CHR4:27430040	SSF x LoA	-11,120256	0,083	0,301
CHR4	27430152	CHR4:27430152	SSF x LoA	-7,16181641	0,093	0,314
CHR4	27434290	CHR4:27434290	SSF x LoA	-9,35557193	-0,096	0,298
CHR4	27434465	CHR4:27434465	SSF x LoA	-8,25541436	-0,113	0,302
CHR4	27435377	CHR4:27435377	SSF x LoA	-9,65860338	0,063	0,319
CHR4	27435618	CHR4:27435618	SSF x LoA	-10,8065356	0,017	0,305
CHR4	27438129	CHR4:27438129	SSF x LoA	-10,5070485	0,052	0,295
CHR4	27438220	CHR4:27438220	SSF x LoA	-12,425998	-0,006	0,304
CHR4	27438276	CHR4:27438276	SSF x LoA	-8,37954998	0,035	0,313
CHR4	2745967	CHR4:2745967	SSF x LoA	-8,74861259	0,006	0,294
CHR4	2746216	CHR4:2746216	SSF x LoA	-11,4434231	-0,014	0,309
CHR4	2746260	CHR4:2746260	SSF x LoA	-10,1374086	0,035	0,308
CHR4	27465861	CHR4:27465861	SSF x LoA	-9,69261985	-0,015	0,305
CHR4	27465961	CHR4:27465961	SSF x LoA	-10,0443131	0,135	0,299
CHR4	27467801	CHR4:27467801	SSF x LoA	-8,18669936	-0,006	0,311
CHR4	27472036	CHR4:27472036	SSF x LoA	-8,35552991	0,030	0,301

CHR4	27491291	CHR4:27491291	SSF x LoA	-6,92469364	0,031	0,301
CHR4	27491452	CHR4:27491452	SSF x LoA	-9,82715082	-0,113	0,317
CHR4	27491456	CHR4:27491456	SSF x LoA	-4,74290551	0,049	0,312
CHR4	27491474	CHR4:27491474	SSF x LoA	-7,30603626	-0,091	0,301
CHR4	27496171	CHR4:27496171	SSF x LoA	-11,8346149	-0,004	0,304
CHR4	27511028	CHR4:27511028	SSF x LoA	-7,91021682	-0,050	0,313
CHR4	27511121	CHR4:27511121	SSF x LoA	-8,94032801	-0,043	0,310
CHR4	27513326	CHR4:27513326	SSF x LoA	-5,30827082	0,149	0,304
CHR4	27513337	CHR4:27513337	SSF x LoA	-11,6443288	-0,057	0,290
CHR4	27513338	CHR4:27513338	SSF x LoA	-5,21020389	0,150	0,307
CHR4	2751723	CHR4:2751723	SSF x LoA	-7,76583598	-0,097	0,302
CHR4	27520348	CHR4:27520348	SSF x LoA	-9,15620131	0,043	0,307
CHR4	27520349	CHR4:27520349	SSF x LoA	-10,1340889	0,147	0,307
CHR4	27522545	CHR4:27522545	SSF x LoA	-9,88349873	-0,013	0,308
CHR4	27522602	CHR4:27522602	SSF x LoA	-8,73375497	-0,127	0,318
CHR4	27522605	CHR4:27522605	SSF x LoA	-9,99858868	-0,145	0,305
CHR4	27522608	CHR4:27522608	SSF x LoA	-7,50361195	-0,159	0,306
CHR4	27524408	CHR4:27524408	SSF x LoA	4,47849615	-0,191	0,305
CHR4	27524492	CHR4:27524492	SSF x LoA	-8,42382532	0,057	0,301
CHR4	27524535	CHR4:27524535	SSF x LoA	-8,95935239	-0,029	0,312
CHR4	27526250	CHR4:27526250	SSF x LoA	-8,09786512	-0,142	0,292
CHR4	27526253	CHR4:27526253	SSF x LoA	-7,17767184	-0,107	0,304
CHR4	27526272	CHR4:27526272	SSF x LoA	-6,82406818	-0,135	0,302
CHR4	27530211	CHR4:27530211	SSF x LoA	-9,74097624	-0,018	0,312
CHR4	27530227	CHR4:27530227	SSF x LoA	-8,18014326	0,172	0,286
CHR4	27530246	CHR4:27530246	SSF x LoA	-9,98508597	-0,157	0,289
CHR4	27530553	CHR4:27530553	SSF x LoA	-9,12950009	0,083	0,298
CHR4	27573146	CHR4:27573146	SSF x LoA	-9,13482323	0,073	0,309
CHR4	27598605	CHR4:27598605	SSF x LoA	-9,78443226	0,162	0,292
CHR4	27598613	CHR4:27598613	SSF x LoA	-11,331386	-0,057	0,306
CHR4	27598646	CHR4:27598646	SSF x LoA	-7,93214801	0,073	0,311
CHR4	27598649	CHR4:27598649	SSF x LoA	-11,9385388	0,040	0,299
CHR4	27598662	CHR4:27598662	SSF x LoA	-10,8530531	0,093	0,300
CHR4	27598760	CHR4:27598760	SSF x LoA	-3,97313898	-0,008	0,301
CHR4	27598772	CHR4:27598772	SSF x LoA	-8,46970376	-0,046	0,306
CHR4	27605722	CHR4:27605722	SSF x LoA	-5,03653587	-0,041	0,318
CHR4	27608903	CHR4:27608903	SSF x LoA	-9,64074343	-0,037	0,299
CHR4	27608922	CHR4:27608922	SSF x LoA	-9,08978804	-0,098	0,294
CHR4	27637079	CHR4:27637079	SSF x LoA	-6,67566725	0,059	0,306
CHR4	27637169	CHR4:27637169	SSF x LoA	-11,6938205	-0,047	0,290
CHR4	27637175	CHR4:27637175	SSF x LoA	-11,2689758	-0,019	0,300
CHR4	27637315	CHR4:27637315	SSF x LoA	-7,35955496	0,138	0,296
CHR4	27642064	CHR4:27642064	SSF x LoA	-10,2954345	0,038	0,310
CHR4	27642242	CHR4:27642242	SSF x LoA	-9,7601939	-0,018	0,310
CHR4	27644655	CHR4:27644655	SSF x LoA	-5,98070166	0,169	0,299
CHR4	27644715	CHR4:27644715	SSF x LoA	-6,74565701	-0,035	0,299
CHR4	27644786	CHR4:27644786	SSF x LoA	-9,80035048	0,001	0,296
CHR4	27645621	CHR4:27645621	SSF x LoA	-7,67506554	0,145	0,316
CHR4	27645623	CHR4:27645623	SSF x LoA	-9,1999584	0,126	0,296
CHR4	27655068	CHR4:27655068	SSF x LoA	-8,8942119	0,102	0,306
CHR4	27655093	CHR4:27655093	SSF x LoA	-8,95781683	-0,071	0,295
CHR4	27655159	CHR4:27655159	SSF x LoA	-8,53068804	-0,014	0,311
CHR4	27682702	CHR4:27682702	SSF x LoA	-9,93932022	0,035	0,301

CHR4	27682707	CHR4:27682707	SSF x LoA	-9,09980942	0,071	0,300
CHR4	2768432	CHR4:2768432	SSF x LoA	-12,1249664	-0,042	0,295
CHR4	27684644	CHR4:27684644	SSF x LoA	-12,0169807	-0,003	0,323
CHR4	27684713	CHR4:27684713	SSF x LoA	-11,0192265	0,001	0,308
CHR4	27684714	CHR4:27684714	SSF x LoA	-7,0211467	0,084	0,305
CHR4	27684716	CHR4:27684716	SSF x LoA	-10,4346147	0,056	0,306
CHR4	27684717	CHR4:27684717	SSF x LoA	-10,4459349	0,039	0,299
CHR4	27684718	CHR4:27684718	SSF x LoA	-10,7640545	0,038	0,308
CHR4	27684742	CHR4:27684742	SSF x LoA	-8,81473807	0,151	0,312
CHR4	27684774	CHR4:27684774	SSF x LoA	-8,12384925	0,085	0,292
CHR4	2768606	CHR4:2768606	SSF x LoA	-9,20836796	-0,106	0,302
CHR4	2768630	CHR4:2768630	SSF x LoA	-8,90509648	0,053	0,303
CHR4	2768651	CHR4:2768651	SSF x LoA	-10,5761882	0,077	0,302
CHR4	27694594	CHR4:27694594	SSF x LoA	-7,24216154	0,074	0,300
CHR4	27694614	CHR4:27694614	SSF x LoA	-10,6327099	0,051	0,308
CHR4	27694629	CHR4:27694629	SSF x LoA	-10,195836	0,050	0,286
CHR4	27694630	CHR4:27694630	SSF x LoA	-7,43557955	0,030	0,297
CHR4	27694631	CHR4:27694631	SSF x LoA	-10,0357565	0,053	0,306
CHR4	27694632	CHR4:27694632	SSF x LoA	-8,81138728	0,058	0,297
CHR4	27694641	CHR4:27694641	SSF x LoA	-7,52742974	-0,134	0,296
CHR4	27694654	CHR4:27694654	SSF x LoA	-11,0287149	0,053	0,292
CHR4	27694794	CHR4:27694794	SSF x LoA	-9,75578889	-0,147	0,291
CHR4	27694802	CHR4:27694802	SSF x LoA	-5,66645351	0,074	0,303
CHR4	27694824	CHR4:27694824	SSF x LoA	-11,3993056	0,081	0,297
CHR4	27694829	CHR4:27694829	SSF x LoA	-8,29297595	0,052	0,298
CHR4	27694840	CHR4:27694840	SSF x LoA	-10,2023109	0,077	0,305
CHR4	27698139	CHR4:27698139	SSF x LoA	-10,6948672	0,106	0,294
CHR4	27698167	CHR4:27698167	SSF x LoA	-11,4223203	0,051	0,283
CHR4	27698259	CHR4:27698259	SSF x LoA	-11,7248859	-0,089	0,304
CHR4	27698272	CHR4:27698272	SSF x LoA	1,09787832	-0,151	0,307
CHR4	27698273	CHR4:27698273	SSF x LoA	-6,93167786	0,154	0,295
CHR4	27698321	CHR4:27698321	SSF x LoA	-9,64977317	0,076	0,303
CHR4	27698348	CHR4:27698348	SSF x LoA	-8,54315417	0,204	0,306
CHR4	27698383	CHR4:27698383	SSF x LoA	-8,79017485	-0,112	0,295
CHR4	27698395	CHR4:27698395	SSF x LoA	-11,2110098	-0,069	0,302
CHR4	27698404	CHR4:27698404	SSF x LoA	-8,91312251	-0,063	0,314
CHR4	27698417	CHR4:27698417	SSF x LoA	-10,4589245	-0,077	0,307
CHR4	27698423	CHR4:27698423	SSF x LoA	-6,92408423	0,021	0,314
CHR4	27698452	CHR4:27698452	SSF x LoA	-11,411619	0,080	0,301
CHR4	2771034	CHR4:2771034	SSF x LoA	-10,92003	-0,065	0,309
CHR4	2771211	CHR4:2771211	SSF x LoA	-6,84300546	-0,039	0,321
CHR4	2771221	CHR4:2771221	SSF x LoA	-7,26955896	-0,181	0,290
CHR4	27716444	CHR4:27716444	SSF x LoA	-9,66626851	-0,111	0,300
CHR4	27716446	CHR4:27716446	SSF x LoA	-8,77040208	0,044	0,322
CHR4	27716488	CHR4:27716488	SSF x LoA	-9,41374857	-0,037	0,300
CHR4	27716569	CHR4:27716569	SSF x LoA	-11,2430808	0,009	0,306
CHR4	27716602	CHR4:27716602	SSF x LoA	-11,4749165	-0,024	0,314
CHR4	27716634	CHR4:27716634	SSF x LoA	-8,36363488	-0,181	0,295
CHR4	27716654	CHR4:27716654	SSF x LoA	-11,084531	-0,042	0,304
CHR4	27729082	CHR4:27729082	SSF x LoA	-9,56217071	0,063	0,309
CHR4	27730854	CHR4:27730854	SSF x LoA	-10,6047876	0,053	0,293
CHR4	27730962	CHR4:27730962	SSF x LoA	-11,348171	0,028	0,301
CHR4	27731054	CHR4:27731054	SSF x LoA	-10,872434	0,049	0,311

CHR4	27743970	CHR4:27743970	SSF x LoA	-8,46805046	-0,027	0,317
CHR4	27744053	CHR4:27744053	SSF x LoA	-8,82326587	-0,116	0,298
CHR4	27745213	CHR4:27745213	SSF x LoA	-5,48427539	-0,074	0,301
CHR4	27746328	CHR4:27746328	SSF x LoA	-11,0261962	-0,044	0,322
CHR4	27746396	CHR4:27746396	SSF x LoA	-9,10758337	-0,067	0,301
CHR4	27753096	CHR4:27753096	SSF x LoA	-9,8029833	-0,047	0,310
CHR4	27753111	CHR4:27753111	SSF x LoA	-10,0005938	-0,058	0,313
CHR4	27757653	CHR4:27757653	SSF x LoA	-2,81707056	0,015	0,301
CHR4	27757768	CHR4:27757768	SSF x LoA	-9,94091734	-0,043	0,307
CHR4	27765670	CHR4:27765670	SSF x LoA	-9,39825827	0,024	0,315
CHR4	27766719	CHR4:27766719	SSF x LoA	-8,23932468	0,074	0,301
CHR4	27766724	CHR4:27766724	SSF x LoA	-8,89368581	0,051	0,306
CHR4	2777276	CHR4:2777276	SSF x LoA	-8,70338027	0,030	0,316
CHR4	2777415	CHR4:2777415	SSF x LoA	-11,4222902	0,085	0,316
CHR4	2777428	CHR4:2777428	SSF x LoA	-9,99439568	-0,016	0,322
CHR4	2777451	CHR4:2777451	SSF x LoA	-9,93916789	-0,078	0,293
CHR4	2777490	CHR4:2777490	SSF x LoA	-10,9997494	-0,118	0,310
CHR4	27775156	CHR4:27775156	SSF x LoA	-9,34921536	0,017	0,305
CHR4	27775191	CHR4:27775191	SSF x LoA	-7,21545573	0,128	0,304
CHR4	27775220	CHR4:27775220	SSF x LoA	-9,58762786	0,105	0,314
CHR4	27775296	CHR4:27775296	SSF x LoA	-11,6325531	-0,094	0,305
CHR4	27775349	CHR4:27775349	SSF x LoA	-1,1548994	0,140	0,320
CHR4	27779074	CHR4:27779074	SSF x LoA	-10,4412388	0,106	0,299
CHR4	27779096	CHR4:27779096	SSF x LoA	-5,26679545	-0,091	0,293
CHR4	27779174	CHR4:27779174	SSF x LoA	-8,94125079	-0,028	0,294
CHR4	2780360	CHR4:2780360	SSF x LoA	-9,21919542	-0,013	0,315
CHR4	27814463	CHR4:27814463	SSF x LoA	-6,34802827	-0,132	0,300
CHR4	27814464	CHR4:27814464	SSF x LoA	-10,9571641	0,103	0,293
CHR4	27814495	CHR4:27814495	SSF x LoA	-6,34186124	-0,139	0,295
CHR4	27814527	CHR4:27814527	SSF x LoA	-10,6411626	-0,038	0,304
CHR4	27814586	CHR4:27814586	SSF x LoA	-8,26351793	0,080	0,290
CHR4	27818519	CHR4:27818519	SSF x LoA	-9,70253112	0,068	0,305
CHR4	27818566	CHR4:27818566	SSF x LoA	-8,45433132	-0,016	0,319
CHR4	27818641	CHR4:27818641	SSF x LoA	-11,4616675	0,039	0,311
CHR4	27828147	CHR4:27828147	SSF x LoA	-8,5159309	0,014	0,304
CHR4	27828177	CHR4:27828177	SSF x LoA	-6,91783246	0,178	0,298
CHR4	27828185	CHR4:27828185	SSF x LoA	-8,40336303	-0,045	0,306
CHR4	27828224	CHR4:27828224	SSF x LoA	-5,82382437	-0,108	0,300
CHR4	27828333	CHR4:27828333	SSF x LoA	-10,2479968	-0,093	0,302
CHR4	27835898	CHR4:27835898	SSF x LoA	-7,91808995	-0,128	0,311
CHR4	27835902	CHR4:27835902	SSF x LoA	-6,10665846	-0,137	0,296
CHR4	27893674	CHR4:27893674	SSF x LoA	-7,26059708	0,067	0,279
CHR4	27893722	CHR4:27893722	SSF x LoA	-9,3673099	0,044	0,321
CHR4	27893950	CHR4:27893950	SSF x LoA	-7,81079366	-0,052	0,300
CHR4	27896107	CHR4:27896107	SSF x LoA	-9,27587568	-0,101	0,305
CHR4	27896196	CHR4:27896196	SSF x LoA	-9,58199793	-0,070	0,304
CHR4	27896210	CHR4:27896210	SSF x LoA	-8,38995392	-0,095	0,297
CHR4	27900946	CHR4:27900946	SSF x LoA	-11,4363953	-0,059	0,304
CHR4	27900960	CHR4:27900960	SSF x LoA	-11,2772294	0,103	0,301
CHR4	27900962	CHR4:27900962	SSF x LoA	-9,6472354	0,140	0,299
CHR4	27900983	CHR4:27900983	SSF x LoA	-10,5500882	-0,103	0,315
CHR4	27902193	CHR4:27902193	SSF x LoA	-8,66296558	0,064	0,311
CHR4	27907019	CHR4:27907019	SSF x LoA	-8,24538778	0,117	0,298

CHR4	27913224	CHR4:27913224	SSF x LoA	-8,82000731	-0,044	0,304
CHR4	27913248	CHR4:27913248	SSF x LoA	-9,30173647	0,088	0,304
CHR4	27913260	CHR4:27913260	SSF x LoA	-7,51693898	-0,110	0,317
CHR4	27916745	CHR4:27916745	SSF x LoA	-8,0874572	0,148	0,299
CHR4	27916796	CHR4:27916796	SSF x LoA	-7,69079625	0,009	0,291
CHR4	27916821	CHR4:27916821	SSF x LoA	-8,73353765	0,084	0,310
CHR4	27916839	CHR4:27916839	SSF x LoA	-9,29399237	-0,051	0,325
CHR4	27916974	CHR4:27916974	SSF x LoA	-9,73898061	-0,008	0,309
CHR4	27920156	CHR4:27920156	SSF x LoA	-8,83505497	0,121	0,302
CHR4	27920189	CHR4:27920189	SSF x LoA	-8,49673537	0,120	0,309
CHR4	27920241	CHR4:27920241	SSF x LoA	-8,77082729	-0,055	0,320
CHR4	27920295	CHR4:27920295	SSF x LoA	-9,45271967	-0,109	0,307
CHR4	27920297	CHR4:27920297	SSF x LoA	-11,5831153	-0,009	0,288
CHR4	27920307	CHR4:27920307	SSF x LoA	-9,40955266	0,032	0,311
CHR4	2792312	CHR4:2792312	SSF x LoA	-8,47632497	-0,022	0,307
CHR4	2792317	CHR4:2792317	SSF x LoA	-10,2838098	0,089	0,306
CHR4	2792338	CHR4:2792338	SSF x LoA	-7,97598879	0,034	0,314
CHR4	2792388	CHR4:2792388	SSF x LoA	-5,74271709	0,027	0,303
CHR4	2792417	CHR4:2792417	SSF x LoA	-8,62779088	-0,031	0,309
CHR4	2792563	CHR4:2792563	SSF x LoA	0,92656926	-0,059	0,297
CHR4	27932541	CHR4:27932541	SSF x LoA	-11,7489205	-0,026	0,293
CHR4	27932553	CHR4:27932553	SSF x LoA	-10,7683196	-0,009	0,310
CHR4	27955520	CHR4:27955520	SSF x LoA	-8,9580495	0,120	0,313
CHR4	27955568	CHR4:27955568	SSF x LoA	-8,20206397	0,093	0,310
CHR4	27955571	CHR4:27955571	SSF x LoA	-6,77661497	0,132	0,303
CHR4	27957619	CHR4:27957619	SSF x LoA	-9,60434627	-0,116	0,308
CHR4	27957770	CHR4:27957770	SSF x LoA	-11,1683403	0,105	0,305
CHR4	27957782	CHR4:27957782	SSF x LoA	-9,12677609	0,016	0,301
CHR4	27957867	CHR4:27957867	SSF x LoA	-8,50061427	-0,059	0,308
CHR4	27957879	CHR4:27957879	SSF x LoA	-9,56331147	-0,049	0,306
CHR4	27957885	CHR4:27957885	SSF x LoA	-11,0141111	0,035	0,301
CHR4	27957888	CHR4:27957888	SSF x LoA	-9,32540365	-0,010	0,304
CHR4	27957903	CHR4:27957903	SSF x LoA	-10,553752	0,037	0,301
CHR4	27964915	CHR4:27964915	SSF x LoA	-10,7282698	-0,004	0,303
CHR4	27964956	CHR4:27964956	SSF x LoA	-12,3268802	-0,003	0,307
CHR4	27964998	CHR4:27964998	SSF x LoA	17,0308687	-0,101	0,313
CHR4	27968756	CHR4:27968756	SSF x LoA	-9,21060602	0,097	0,298
CHR4	27968837	CHR4:27968837	SSF x LoA	-10,1107885	0,011	0,298
CHR4	27973935	CHR4:27973935	SSF x LoA	-11,1846042	0,024	0,309
CHR4	27985137	CHR4:27985137	SSF x LoA	-9,48612572	0,033	0,296
CHR4	279888	CHR4:279888	SSF x LoA	-9,34154305	-0,006	0,302
CHR4	27995036	CHR4:27995036	SSF x LoA	-10,6338273	-0,013	0,308
CHR4	28000035	CHR4:28000035	SSF x LoA	-8,23928447	-0,105	0,308
CHR4	2800631	CHR4:2800631	SSF x LoA	-8,30473657	0,047	0,301
CHR4	2800669	CHR4:2800669	SSF x LoA	-8,59556473	-0,031	0,317
CHR4	2800670	CHR4:2800670	SSF x LoA	-9,5471316	-0,056	0,315
CHR4	2800687	CHR4:2800687	SSF x LoA	-10,6109637	-0,074	0,315
CHR4	2800691	CHR4:2800691	SSF x LoA	-11,4162584	-0,105	0,288
CHR4	2800696	CHR4:2800696	SSF x LoA	-8,99376705	-0,026	0,317
CHR4	2800701	CHR4:2800701	SSF x LoA	-10,5577503	-0,051	0,317
CHR4	28011528	CHR4:28011528	SSF x LoA	-7,8352906	0,054	0,295
CHR4	28011594	CHR4:28011594	SSF x LoA	-9,98419379	-0,155	0,301
CHR4	28011640	CHR4:28011640	SSF x LoA	-10,8583767	0,004	0,317

CHR4	28019287	CHR4:28019287	SSF x LoA	-9,5966136	0,125	0,294
CHR4	28019295	CHR4:28019295	SSF x LoA	-8,07732677	0,065	0,300
CHR4	28019302	CHR4:28019302	SSF x LoA	-7,77419085	-0,089	0,313
CHR4	28019335	CHR4:28019335	SSF x LoA	-7,3223276	-0,061	0,301
CHR4	28019606	CHR4:28019606	SSF x LoA	-8,16661857	0,038	0,326
CHR4	28019679	CHR4:28019679	SSF x LoA	-9,70022432	0,053	0,294
CHR4	28023772	CHR4:28023772	SSF x LoA	-8,98053416	0,058	0,313
CHR4	28036770	CHR4:28036770	SSF x LoA	-9,28649106	-0,158	0,306
CHR4	28059092	CHR4:28059092	SSF x LoA	-10,652861	0,054	0,293
CHR4	28059119	CHR4:28059119	SSF x LoA	-10,6448962	0,077	0,307
CHR4	28059128	CHR4:28059128	SSF x LoA	-9,07301745	-0,100	0,308
CHR4	28059131	CHR4:28059131	SSF x LoA	-9,65535251	-0,141	0,318
CHR4	28059230	CHR4:28059230	SSF x LoA	-3,19452441	-0,010	0,311
CHR4	28059328	CHR4:28059328	SSF x LoA	-10,3023602	0,101	0,301
CHR4	28059331	CHR4:28059331	SSF x LoA	-8,95558998	-0,077	0,310
CHR4	28062029	CHR4:28062029	SSF x LoA	-7,2499957	-0,127	0,307
CHR4	28062034	CHR4:28062034	SSF x LoA	-10,5555648	-0,079	0,302
CHR4	28062050	CHR4:28062050	SSF x LoA	-10,6911804	-0,010	0,303
CHR4	28062096	CHR4:28062096	SSF x LoA	-10,3970747	-0,068	0,305
CHR4	28071864	CHR4:28071864	SSF x LoA	-9,95204688	-0,031	0,308
CHR4	28071865	CHR4:28071865	SSF x LoA	-8,38762594	-0,040	0,308
CHR4	28071905	CHR4:28071905	SSF x LoA	-8,10429583	0,124	0,298
CHR4	28072115	CHR4:28072115	SSF x LoA	-10,9361917	-0,076	0,303
CHR4	2808043	CHR4:2808043	SSF x LoA	-8,61296535	-0,056	0,307
CHR4	28084095	CHR4:28084095	SSF x LoA	-8,74204861	-0,002	0,291
CHR4	28084118	CHR4:28084118	SSF x LoA	-8,42347755	0,061	0,303
CHR4	28085900	CHR4:28085900	SSF x LoA	-9,134534	0,022	0,318
CHR4	28090328	CHR4:28090328	SSF x LoA	-11,7396696	0,030	0,298
CHR4	28090357	CHR4:28090357	SSF x LoA	-7,67771403	0,149	0,295
CHR4	28090414	CHR4:28090414	SSF x LoA	-9,45137727	0,045	0,308
CHR4	28107079	CHR4:28107079	SSF x LoA	-7,6065921	0,034	0,313
CHR4	28107099	CHR4:28107099	SSF x LoA	-10,0490162	0,056	0,305
CHR4	28107114	CHR4:28107114	SSF x LoA	-8,30594273	-0,026	0,314
CHR4	28107150	CHR4:28107150	SSF x LoA	-8,10414789	-0,070	0,307
CHR4	28107214	CHR4:28107214	SSF x LoA	-9,79900148	0,032	0,298
CHR4	28107332	CHR4:28107332	SSF x LoA	-11,2493971	0,026	0,298
CHR4	28111198	CHR4:28111198	SSF x LoA	-7,54349538	0,043	0,318
CHR4	28111394	CHR4:28111394	SSF x LoA	-9,39276701	0,012	0,313
CHR4	28111412	CHR4:28111412	SSF x LoA	-9,03908651	0,067	0,304
CHR4	28111449	CHR4:28111449	SSF x LoA	-7,06482152	0,001	0,317
CHR4	28124501	CHR4:28124501	SSF x LoA	-8,88120729	0,081	0,318
CHR4	28124502	CHR4:28124502	SSF x LoA	-11,1552549	0,036	0,301
CHR4	28128090	CHR4:28128090	SSF x LoA	-12,1605998	0,024	0,307
CHR4	28128097	CHR4:28128097	SSF x LoA	-9,4581511	0,032	0,318
CHR4	28134722	CHR4:28134722	SSF x LoA	-10,0852623	-0,051	0,308
CHR4	28134768	CHR4:28134768	SSF x LoA	-9,29872196	-0,053	0,308
CHR4	28134771	CHR4:28134771	SSF x LoA	-11,5905958	-0,063	0,294
CHR4	28134879	CHR4:28134879	SSF x LoA	-9,97464003	-0,050	0,312
CHR4	28134935	CHR4:28134935	SSF x LoA	-9,92703583	0,030	0,305
CHR4	28150712	CHR4:28150712	SSF x LoA	-11,2929563	-0,006	0,329
CHR4	28150757	CHR4:28150757	SSF x LoA	-9,18352098	-0,017	0,317
CHR4	28151891	CHR4:28151891	SSF x LoA	-6,46614514	-0,115	0,304
CHR4	28152078	CHR4:28152078	SSF x LoA	-11,752726	-0,001	0,315

CHR4	28172986	CHR4:28172986	SSF x LoA	-10,2231152	0,018	0,310
CHR4	28172991	CHR4:28172991	SSF x LoA	-11,0686936	-0,100	0,294
CHR4	28173049	CHR4:28173049	SSF x LoA	-7,48954255	0,191	0,306
CHR4	28173156	CHR4:28173156	SSF x LoA	-10,3215635	-0,055	0,303
CHR4	28173226	CHR4:28173226	SSF x LoA	-9,83932605	0,095	0,301
CHR4	28173282	CHR4:28173282	SSF x LoA	-11,2097822	0,086	0,308
CHR4	28178382	CHR4:28178382	SSF x LoA	-10,3473945	0,004	0,315
CHR4	28178413	CHR4:28178413	SSF x LoA	-11,5154492	0,101	0,300
CHR4	28178456	CHR4:28178456	SSF x LoA	-11,4763129	-0,009	0,296
CHR4	28178530	CHR4:28178530	SSF x LoA	-7,14718176	0,011	0,311
CHR4	28178557	CHR4:28178557	SSF x LoA	-8,37247549	0,074	0,311
CHR4	28178559	CHR4:28178559	SSF x LoA	-11,6472876	-0,008	0,293
CHR4	281968	CHR4:281968	SSF x LoA	-9,35931095	-0,032	0,298
CHR4	28213055	CHR4:28213055	SSF x LoA	-11,4110283	-0,064	0,301
CHR4	28213747	CHR4:28213747	SSF x LoA	-8,69496777	-0,057	0,309
CHR4	28213809	CHR4:28213809	SSF x LoA	-6,96095531	0,121	0,306
CHR4	28213847	CHR4:28213847	SSF x LoA	-10,7776681	-0,002	0,310
CHR4	28213853	CHR4:28213853	SSF x LoA	-10,7985116	0,025	0,307
CHR4	28218569	CHR4:28218569	SSF x LoA	-5,28498531	0,257	0,288
CHR4	28218591	CHR4:28218591	SSF x LoA	-11,0251223	-0,092	0,300
CHR4	28218624	CHR4:28218624	SSF x LoA	-7,66551521	-0,183	0,289
CHR4	28218661	CHR4:28218661	SSF x LoA	-11,8627396	0,054	0,302
CHR4	28218688	CHR4:28218688	SSF x LoA	-0,69929064	0,262	0,286
CHR4	28218727	CHR4:28218727	SSF x LoA	-9,38773004	0,008	0,294
CHR4	28218760	CHR4:28218760	SSF x LoA	-11,7209144	0,006	0,305
CHR4	2822833	CHR4:2822833	SSF x LoA	-11,2685341	0,027	0,311
CHR4	2822853	CHR4:2822853	SSF x LoA	-9,62645865	0,103	0,306
CHR4	28238681	CHR4:28238681	SSF x LoA	-10,6140846	0,110	0,310
CHR4	28238688	CHR4:28238688	SSF x LoA	-9,95725149	-0,077	0,295
CHR4	28238716	CHR4:28238716	SSF x LoA	-7,28997552	-0,117	0,305
CHR4	28238749	CHR4:28238749	SSF x LoA	-10,3503606	0,096	0,300
CHR4	28240785	CHR4:28240785	SSF x LoA	-10,3458966	-0,003	0,314
CHR4	28240794	CHR4:28240794	SSF x LoA	-1,98303459	-0,063	0,313
CHR4	28240849	CHR4:28240849	SSF x LoA	-10,5848272	-0,048	0,295
CHR4	28240902	CHR4:28240902	SSF x LoA	-6,666618	-0,112	0,297
CHR4	28250196	CHR4:28250196	SSF x LoA	-8,92512069	-0,053	0,296
CHR4	28261151	CHR4:28261151	SSF x LoA	-7,92162747	-0,007	0,330
CHR4	28269760	CHR4:28269760	SSF x LoA	-10,5057884	0,067	0,298
CHR4	28269802	CHR4:28269802	SSF x LoA	-9,47632111	-0,051	0,303
CHR4	28270003	CHR4:28270003	SSF x LoA	1,25938582	0,194	0,297
CHR4	28275309	CHR4:28275309	SSF x LoA	-9,94736991	0,075	0,303
CHR4	28275396	CHR4:28275396	SSF x LoA	-10,0517653	0,057	0,308
CHR4	28283168	CHR4:28283168	SSF x LoA	-10,4048084	-0,101	0,306
CHR4	28283177	CHR4:28283177	SSF x LoA	-9,90493966	0,023	0,304
CHR4	28283181	CHR4:28283181	SSF x LoA	-1,2826372	-0,174	0,305
CHR4	28283201	CHR4:28283201	SSF x LoA	-8,91220971	-0,010	0,297
CHR4	28283290	CHR4:28283290	SSF x LoA	-8,15468389	-0,095	0,287
CHR4	28283312	CHR4:28283312	SSF x LoA	-7,96432595	-0,115	0,301
CHR4	2830131	CHR4:2830131	SSF x LoA	-8,66603839	0,051	0,314
CHR4	28333522	CHR4:28333522	SSF x LoA	-10,3707062	0,013	0,318
CHR4	28334104	CHR4:28334104	SSF x LoA	-8,0656413	0,064	0,282
CHR4	28334163	CHR4:28334163	SSF x LoA	-10,1323697	-0,027	0,315
CHR4	28334165	CHR4:28334165	SSF x LoA	-10,6425357	-0,062	0,309

CHR4	28334173	CHR4:28334173	SSF x LoA	-9,15986091	0,040	0,312
CHR4	28334233	CHR4:28334233	SSF x LoA	-2,12109288	0,102	0,312
CHR4	2834659	CHR4:2834659	SSF x LoA	-10,196608	-0,122	0,303
CHR4	28359129	CHR4:28359129	SSF x LoA	-9,07047939	0,101	0,324
CHR4	28359174	CHR4:28359174	SSF x LoA	-10,4266825	-0,090	0,293
CHR4	28359197	CHR4:28359197	SSF x LoA	-10,5477944	-0,070	0,296
CHR4	28359421	CHR4:28359421	SSF x LoA	-8,99646538	-0,036	0,312
CHR4	28359460	CHR4:28359460	SSF x LoA	-9,59236365	0,018	0,317
CHR4	2836162	CHR4:2836162	SSF x LoA	2,49357028	-0,057	0,314
CHR4	2836178	CHR4:2836178	SSF x LoA	-6,47279649	-0,174	0,302
CHR4	2836190	CHR4:2836190	SSF x LoA	-9,77180562	0,050	0,312
CHR4	2836191	CHR4:2836191	SSF x LoA	-5,62622629	-0,181	0,317
CHR4	28362177	CHR4:28362177	SSF x LoA	-11,0119967	-0,066	0,311
CHR4	28362210	CHR4:28362210	SSF x LoA	-9,14563917	-0,035	0,288
CHR4	28362259	CHR4:28362259	SSF x LoA	-8,37878303	0,013	0,304
CHR4	28362282	CHR4:28362282	SSF x LoA	-7,96293569	-0,004	0,304
CHR4	28362300	CHR4:28362300	SSF x LoA	-9,35034815	0,055	0,302
CHR4	28362314	CHR4:28362314	SSF x LoA	-10,7725302	-0,086	0,305
CHR4	28362337	CHR4:28362337	SSF x LoA	-11,918106	-0,069	0,295
CHR4	28362350	CHR4:28362350	SSF x LoA	-9,78008758	-0,063	0,300
CHR4	28362356	CHR4:28362356	SSF x LoA	-9,157762	0,085	0,306
CHR4	28362367	CHR4:28362367	SSF x LoA	-10,3429694	-0,001	0,319
CHR4	2836238	CHR4:2836238	SSF x LoA	-11,1193016	0,041	0,308
CHR4	2836256	CHR4:2836256	SSF x LoA	-7,93612166	-0,096	0,308
CHR4	2836278	CHR4:2836278	SSF x LoA	-8,02529328	-0,095	0,290
CHR4	2836287	CHR4:2836287	SSF x LoA	-8,66209258	0,018	0,296
CHR4	28371327	CHR4:28371327	SSF x LoA	-10,8278682	-0,032	0,318
CHR4	28373779	CHR4:28373779	SSF x LoA	-2,38962052	0,068	0,302
CHR4	28373847	CHR4:28373847	SSF x LoA	-12,6341686	0,014	0,301
CHR4	28373868	CHR4:28373868	SSF x LoA	-8,94033922	-0,055	0,305
CHR4	28373927	CHR4:28373927	SSF x LoA	-5,97283932	0,076	0,310
CHR4	28373937	CHR4:28373937	SSF x LoA	-7,86257128	0,080	0,312
CHR4	28373954	CHR4:28373954	SSF x LoA	-9,19319394	0,033	0,305
CHR4	28376488	CHR4:28376488	SSF x LoA	-9,82126633	-0,002	0,303
CHR4	28376498	CHR4:28376498	SSF x LoA	-10,2211437	-0,016	0,292
CHR4	28376592	CHR4:28376592	SSF x LoA	-11,0234109	0,006	0,313
CHR4	28377230	CHR4:28377230	SSF x LoA	-11,359506	0,119	0,293
CHR4	28377320	CHR4:28377320	SSF x LoA	-11,0196147	-0,039	0,302
CHR4	28386336	CHR4:28386336	SSF x LoA	-11,106443	-0,042	0,298
CHR4	28402524	CHR4:28402524	SSF x LoA	-8,22983831	0,019	0,321
CHR4	28402563	CHR4:28402563	SSF x LoA	-8,1598825	0,116	0,323
CHR4	28402666	CHR4:28402666	SSF x LoA	-8,52373207	0,016	0,321
CHR4	28402698	CHR4:28402698	SSF x LoA	-11,1385375	0,137	0,299
CHR4	28402821	CHR4:28402821	SSF x LoA	-9,11958786	-0,070	0,301
CHR4	2841292	CHR4:2841292	SSF x LoA	-11,19687	-0,022	0,311
CHR4	2841312	CHR4:2841312	SSF x LoA	-10,4934535	-0,127	0,300
CHR4	2841335	CHR4:2841335	SSF x LoA	-9,47300357	-0,071	0,316
CHR4	2841351	CHR4:2841351	SSF x LoA	-7,85361181	-0,106	0,312
CHR4	28420365	CHR4:28420365	SSF x LoA	-10,1007164	-0,101	0,303
CHR4	28420389	CHR4:28420389	SSF x LoA	-10,6379569	-0,120	0,298
CHR4	28424318	CHR4:28424318	SSF x LoA	-12,2184739	-0,003	0,310
CHR4	28424347	CHR4:28424347	SSF x LoA	-11,3089301	0,041	0,299
CHR4	28424405	CHR4:28424405	SSF x LoA	-7,94195274	-0,068	0,302

CHR4	28424523	CHR4:28424523	SSF x LoA	-7,80637128	-0,147	0,302
CHR4	2844680	CHR4:2844680	SSF x LoA	-9,70095427	0,171	0,299
CHR4	2844726	CHR4:2844726	SSF x LoA	-6,71054623	0,172	0,303
CHR4	2844743	CHR4:2844743	SSF x LoA	-9,1049846	-0,104	0,295
CHR4	2844759	CHR4:2844759	SSF x LoA	-11,4186694	0,003	0,292
CHR4	28462276	CHR4:28462276	SSF x LoA	-6,26681944	0,046	0,314
CHR4	28462306	CHR4:28462306	SSF x LoA	-9,15999566	0,017	0,305
CHR4	28462394	CHR4:28462394	SSF x LoA	-8,30482854	0,040	0,315
CHR4	28474858	CHR4:28474858	SSF x LoA	-9,53090293	-0,046	0,309
CHR4	28474879	CHR4:28474879	SSF x LoA	-7,04006992	-0,111	0,321
CHR4	28474881	CHR4:28474881	SSF x LoA	-8,38076884	0,187	0,311
CHR4	28474882	CHR4:28474882	SSF x LoA	-7,36775048	0,171	0,321
CHR4	28474884	CHR4:28474884	SSF x LoA	-8,01331799	0,177	0,316
CHR4	28474910	CHR4:28474910	SSF x LoA	-4,7555536	0,226	0,306
CHR4	28474914	CHR4:28474914	SSF x LoA	-4,26334473	-0,165	0,308
CHR4	28474955	CHR4:28474955	SSF x LoA	-3,663733	-0,135	0,310
CHR4	28474998	CHR4:28474998	SSF x LoA	-10,0919368	0,098	0,303
CHR4	28475082	CHR4:28475082	SSF x LoA	-8,58495826	0,096	0,306
CHR4	28482131	CHR4:28482131	SSF x LoA	-8,83011095	0,085	0,319
CHR4	28482241	CHR4:28482241	SSF x LoA	-8,05748318	-0,043	0,311
CHR4	28482254	CHR4:28482254	SSF x LoA	-7,95727658	0,118	0,300
CHR4	28489567	CHR4:28489567	SSF x LoA	-6,15332749	0,151	0,297
CHR4	28489942	CHR4:28489942	SSF x LoA	-10,3819957	-0,056	0,309
CHR4	28490006	CHR4:28490006	SSF x LoA	-9,63731878	-0,148	0,294
CHR4	28490024	CHR4:28490024	SSF x LoA	-10,8654681	-0,057	0,301
CHR4	28506630	CHR4:28506630	SSF x LoA	-11,1683401	-0,130	0,303
CHR4	28506691	CHR4:28506691	SSF x LoA	-6,57970982	-0,096	0,309
CHR4	28506703	CHR4:28506703	SSF x LoA	-8,7447877	-0,059	0,309
CHR4	28506709	CHR4:28506709	SSF x LoA	-9,21716029	-0,065	0,298
CHR4	28506735	CHR4:28506735	SSF x LoA	-5,9498576	-0,157	0,305
CHR4	28510427	CHR4:28510427	SSF x LoA	-8,73317726	-0,030	0,304
CHR4	28510452	CHR4:28510452	SSF x LoA	-8,71284509	0,085	0,303
CHR4	28510473	CHR4:28510473	SSF x LoA	-8,18041168	0,134	0,305
CHR4	28510479	CHR4:28510479	SSF x LoA	-8,15735315	0,153	0,294
CHR4	28510487	CHR4:28510487	SSF x LoA	-6,38449063	0,050	0,310
CHR4	28510545	CHR4:28510545	SSF x LoA	-10,82691	0,002	0,309
CHR4	28513575	CHR4:28513575	SSF x LoA	-10,4753025	0,019	0,303
CHR4	28513672	CHR4:28513672	SSF x LoA	-9,92455707	0,043	0,298
CHR4	28513679	CHR4:28513679	SSF x LoA	-7,80512875	0,068	0,305
CHR4	28513695	CHR4:28513695	SSF x LoA	-11,0909015	0,050	0,288
CHR4	28513710	CHR4:28513710	SSF x LoA	-11,6274163	0,032	0,296
CHR4	28513751	CHR4:28513751	SSF x LoA	-9,91924538	0,141	0,294
CHR4	28513773	CHR4:28513773	SSF x LoA	-9,28007114	0,055	0,304
CHR4	28513813	CHR4:28513813	SSF x LoA	-5,31268142	0,219	0,293
CHR4	28518783	CHR4:28518783	SSF x LoA	-8,5756441	0,088	0,316
CHR4	28523420	CHR4:28523420	SSF x LoA	-9,26207612	0,028	0,283
CHR4	28523431	CHR4:28523431	SSF x LoA	-8,78836768	-0,128	0,305
CHR4	28523437	CHR4:28523437	SSF x LoA	-8,79834021	-0,020	0,322
CHR4	28523441	CHR4:28523441	SSF x LoA	-9,83307008	-0,038	0,301
CHR4	28523472	CHR4:28523472	SSF x LoA	-8,31964835	0,019	0,297
CHR4	28523481	CHR4:28523481	SSF x LoA	-5,62167313	-0,026	0,313
CHR4	28523500	CHR4:28523500	SSF x LoA	-8,45130464	-0,027	0,309
CHR4	28523504	CHR4:28523504	SSF x LoA	-6,62412944	-0,059	0,304

CHR4	28523512	CHR4:28523512	SSF x LoA	-9,29181301	-0,072	0,312
CHR4	28525140	CHR4:28525140	SSF x LoA	-9,02257721	0,129	0,304
CHR4	2853399	CHR4:2853399	SSF x LoA	-11,6241839	-0,043	0,309
CHR4	28534918	CHR4:28534918	SSF x LoA	-9,60342693	0,021	0,315
CHR4	28555648	CHR4:28555648	SSF x LoA	-9,62754845	0,043	0,319
CHR4	28557377	CHR4:28557377	SSF x LoA	-10,0736509	0,084	0,315
CHR4	28557387	CHR4:28557387	SSF x LoA	-6,91410671	0,054	0,303
CHR4	28564710	CHR4:28564710	SSF x LoA	-10,2578192	-0,061	0,312
CHR4	28564943	CHR4:28564943	SSF x LoA	-5,56747794	0,002	0,320
CHR4	28567122	CHR4:28567122	SSF x LoA	-11,0368898	-0,038	0,309
CHR4	2858606	CHR4:2858606	SSF x LoA	-10,9119601	0,026	0,321
CHR4	2859356	CHR4:2859356	SSF x LoA	-8,17320427	0,064	0,311
CHR4	28596704	CHR4:28596704	SSF x LoA	-9,40788561	0,030	0,294
CHR4	28608398	CHR4:28608398	SSF x LoA	-10,6647023	0,016	0,298
CHR4	28608477	CHR4:28608477	SSF x LoA	-9,22536143	0,066	0,316
CHR4	28615843	CHR4:28615843	SSF x LoA	-10,1654333	-0,014	0,314
CHR4	28621972	CHR4:28621972	SSF x LoA	-7,24223602	-0,116	0,298
CHR4	28622031	CHR4:28622031	SSF x LoA	-11,1747127	0,054	0,300
CHR4	28622043	CHR4:28622043	SSF x LoA	-11,075036	-0,016	0,313
CHR4	28622914	CHR4:28622914	SSF x LoA	-8,66122242	0,078	0,309
CHR4	28626277	CHR4:28626277	SSF x LoA	-7,93216961	0,018	0,315
CHR4	28626300	CHR4:28626300	SSF x LoA	-10,7396337	-0,038	0,310
CHR4	28627259	CHR4:28627259	SSF x LoA	-6,98728224	-0,111	0,306
CHR4	28639891	CHR4:28639891	SSF x LoA	-9,36364304	0,078	0,303
CHR4	2864448	CHR4:2864448	SSF x LoA	-7,79191676	-0,023	0,317
CHR4	2864498	CHR4:2864498	SSF x LoA	-9,30699722	-0,077	0,310
CHR4	28658749	CHR4:28658749	SSF x LoA	-11,6420074	-0,067	0,302
CHR4	28662938	CHR4:28662938	SSF x LoA	-8,61968358	-0,039	0,310
CHR4	28662958	CHR4:28662958	SSF x LoA	-12,2487036	0,040	0,300
CHR4	28663154	CHR4:28663154	SSF x LoA	-5,77594027	-0,232	0,289
CHR4	28663162	CHR4:28663162	SSF x LoA	8,38483969	0,195	0,281
CHR4	28663189	CHR4:28663189	SSF x LoA	-7,39915129	0,083	0,306
CHR4	28667514	CHR4:28667514	SSF x LoA	-9,02686482	-0,022	0,305
CHR4	28667584	CHR4:28667584	SSF x LoA	-11,6911088	0,063	0,327
CHR4	28667612	CHR4:28667612	SSF x LoA	-10,2846125	0,097	0,316
CHR4	28680256	CHR4:28680256	SSF x LoA	-9,89042349	-0,014	0,316
CHR4	28687170	CHR4:28687170	SSF x LoA	-10,7672416	-0,027	0,302
CHR4	28687225	CHR4:28687225	SSF x LoA	-5,58191169	0,061	0,301
CHR4	28698019	CHR4:28698019	SSF x LoA	-11,4467798	-0,035	0,311
CHR4	28698027	CHR4:28698027	SSF x LoA	-8,40359731	0,137	0,305
CHR4	28698052	CHR4:28698052	SSF x LoA	-6,86068202	0,083	0,318
CHR4	28698087	CHR4:28698087	SSF x LoA	-7,02994769	0,068	0,308
CHR4	28698147	CHR4:28698147	SSF x LoA	-11,3252835	0,027	0,312
CHR4	28700526	CHR4:28700526	SSF x LoA	-10,3352075	-0,090	0,300
CHR4	28700528	CHR4:28700528	SSF x LoA	-8,98294576	-0,022	0,306
CHR4	28700538	CHR4:28700538	SSF x LoA	-8,01178616	-0,023	0,307
CHR4	28700549	CHR4:28700549	SSF x LoA	-11,0199843	-0,113	0,303
CHR4	28706915	CHR4:28706915	SSF x LoA	-9,45566633	-0,007	0,298
CHR4	28706968	CHR4:28706968	SSF x LoA	-8,62414841	0,025	0,286
CHR4	2871205	CHR4:2871205	SSF x LoA	-11,2146975	0,006	0,311
CHR4	28723157	CHR4:28723157	SSF x LoA	-10,3270573	-0,093	0,309
CHR4	28730882	CHR4:28730882	SSF x LoA	-9,19628043	0,079	0,311
CHR4	28730892	CHR4:28730892	SSF x LoA	-7,76200833	0,084	0,307

CHR4	28730895	CHR4:28730895	SSF x LoA	-7,75457952	-0,067	0,302
CHR4	28730991	CHR4:28730991	SSF x LoA	-11,0375759	0,044	0,304
CHR4	28733093	CHR4:28733093	SSF x LoA	-9,43646135	-0,017	0,306
CHR4	28733106	CHR4:28733106	SSF x LoA	-8,55695722	-0,012	0,299
CHR4	28733140	CHR4:28733140	SSF x LoA	-11,3588117	-0,013	0,312
CHR4	28733163	CHR4:28733163	SSF x LoA	-12,0723511	-0,016	0,288
CHR4	28736167	CHR4:28736167	SSF x LoA	-9,48037218	-0,098	0,312
CHR4	28736237	CHR4:28736237	SSF x LoA	-9,66900534	-0,007	0,300
CHR4	28738190	CHR4:28738190	SSF x LoA	-8,55806565	-0,078	0,315
CHR4	28738197	CHR4:28738197	SSF x LoA	-9,90117276	0,117	0,299
CHR4	28738199	CHR4:28738199	SSF x LoA	-9,53545097	-0,129	0,300
CHR4	28738201	CHR4:28738201	SSF x LoA	-9,90976711	-0,085	0,318
CHR4	28738259	CHR4:28738259	SSF x LoA	-9,43346195	0,148	0,286
CHR4	28740695	CHR4:28740695	SSF x LoA	-11,1176168	-0,078	0,306
CHR4	28740739	CHR4:28740739	SSF x LoA	-10,8202485	0,031	0,301
CHR4	28740808	CHR4:28740808	SSF x LoA	-7,0016116	-0,071	0,313
CHR4	28743741	CHR4:28743741	SSF x LoA	-8,88095714	0,074	0,294
CHR4	28743744	CHR4:28743744	SSF x LoA	-10,159659	0,016	0,300
CHR4	28743758	CHR4:28743758	SSF x LoA	-7,04394823	-0,038	0,314
CHR4	28754711	CHR4:28754711	SSF x LoA	-6,5563033	0,086	0,311
CHR4	28754713	CHR4:28754713	SSF x LoA	-8,19442279	0,093	0,298
CHR4	28754715	CHR4:28754715	SSF x LoA	-8,13529698	0,079	0,296
CHR4	28754908	CHR4:28754908	SSF x LoA	-8,0875442	-0,075	0,309
CHR4	28754932	CHR4:28754932	SSF x LoA	-10,6712833	0,053	0,290
CHR4	28767191	CHR4:28767191	SSF x LoA	-5,2546273	0,184	0,311
CHR4	28767192	CHR4:28767192	SSF x LoA	-5,98727864	0,202	0,305
CHR4	28767194	CHR4:28767194	SSF x LoA	-10,7978942	-0,076	0,311
CHR4	28767301	CHR4:28767301	SSF x LoA	-10,2638132	0,008	0,301
CHR4	28767376	CHR4:28767376	SSF x LoA	-10,5308086	-0,017	0,316
CHR4	28767378	CHR4:28767378	SSF x LoA	-8,8750397	0,035	0,301
CHR4	2877482	CHR4:2877482	SSF x LoA	-9,39847932	0,155	0,300
CHR4	2877519	CHR4:2877519	SSF x LoA	-8,34520141	-0,074	0,304
CHR4	28811886	CHR4:28811886	SSF x LoA	-11,1019481	-0,047	0,307
CHR4	28811888	CHR4:28811888	SSF x LoA	-2,7574935	-0,153	0,295
CHR4	28811965	CHR4:28811965	SSF x LoA	-10,4759773	0,004	0,299
CHR4	28811988	CHR4:28811988	SSF x LoA	-9,47579591	-0,031	0,315
CHR4	28817948	CHR4:28817948	SSF x LoA	-9,52860546	-0,096	0,299
CHR4	28817967	CHR4:28817967	SSF x LoA	-9,24338971	0,073	0,314
CHR4	28817976	CHR4:28817976	SSF x LoA	-9,5309913	-0,025	0,295
CHR4	28826215	CHR4:28826215	SSF x LoA	-7,95189493	-0,005	0,304
CHR4	28832933	CHR4:28832933	SSF x LoA	-11,2301744	-0,080	0,307
CHR4	28832960	CHR4:28832960	SSF x LoA	-10,9323355	-0,057	0,328
CHR4	28832966	CHR4:28832966	SSF x LoA	-11,8530562	-0,040	0,309
CHR4	28832984	CHR4:28832984	SSF x LoA	-11,608671	-0,046	0,314
CHR4	28834788	CHR4:28834788	SSF x LoA	-10,3542598	-0,045	0,307
CHR4	28834869	CHR4:28834869	SSF x LoA	-9,59324405	-0,026	0,299
CHR4	28835059	CHR4:28835059	SSF x LoA	-8,47677924	-0,073	0,314
CHR4	28838611	CHR4:28838611	SSF x LoA	-8,60550513	-0,021	0,305
CHR4	28846034	CHR4:28846034	SSF x LoA	-10,3995992	0,003	0,302
CHR4	28846065	CHR4:28846065	SSF x LoA	-9,81932839	-0,036	0,316
CHR4	28846112	CHR4:28846112	SSF x LoA	-9,65285548	-0,029	0,303
CHR4	28846127	CHR4:28846127	SSF x LoA	-9,29171869	0,035	0,317
CHR4	28847842	CHR4:28847842	SSF x LoA	-8,22024016	0,010	0,309

CHR4	28847893	CHR4:28847893	SSF x LoA	-9,79039372	0,051	0,311
CHR4	28850149	CHR4:28850149	SSF x LoA	-7,38258605	0,189	0,297
CHR4	28850222	CHR4:28850222	SSF x LoA	-10,7296819	0,089	0,296
CHR4	28856932	CHR4:28856932	SSF x LoA	-3,13305816	0,114	0,303
CHR4	28856969	CHR4:28856969	SSF x LoA	-9,06159623	-0,029	0,296
CHR4	28856984	CHR4:28856984	SSF x LoA	-11,5045165	0,018	0,307
CHR4	28857057	CHR4:28857057	SSF x LoA	-9,71915588	0,032	0,298
CHR4	28870125	CHR4:28870125	SSF x LoA	-9,63440723	0,102	0,299
CHR4	28879496	CHR4:28879496	SSF x LoA	-10,0225057	0,038	0,315
CHR4	2888334	CHR4:2888334	SSF x LoA	-9,17885667	-0,002	0,300
CHR4	28900103	CHR4:28900103	SSF x LoA	-7,46624093	0,105	0,312
CHR4	28943682	CHR4:28943682	SSF x LoA	-7,85935825	0,156	0,306
CHR4	28943865	CHR4:28943865	SSF x LoA	-10,2637848	-0,011	0,304
CHR4	28945658	CHR4:28945658	SSF x LoA	-7,79305373	-0,055	0,331
CHR4	28946760	CHR4:28946760	SSF x LoA	-8,91638896	0,109	0,300
CHR4	28946767	CHR4:28946767	SSF x LoA	-5,21660964	0,009	0,297
CHR4	28946804	CHR4:28946804	SSF x LoA	-11,1975582	0,043	0,304
CHR4	28946848	CHR4:28946848	SSF x LoA	-11,9557334	0,007	0,288
CHR4	28946873	CHR4:28946873	SSF x LoA	-10,2579356	-0,061	0,299
CHR4	28965507	CHR4:28965507	SSF x LoA	-10,0580656	0,079	0,310
CHR4	28965579	CHR4:28965579	SSF x LoA	-8,61126103	0,162	0,304
CHR4	28965594	CHR4:28965594	SSF x LoA	-8,15342805	-0,034	0,308
CHR4	28965615	CHR4:28965615	SSF x LoA	-9,64978391	-0,040	0,310
CHR4	28967460	CHR4:28967460	SSF x LoA	-10,6046722	-0,007	0,307
CHR4	28969312	CHR4:28969312	SSF x LoA	-9,79808878	-0,023	0,305
CHR4	28970261	CHR4:28970261	SSF x LoA	-10,1251945	0,115	0,305
CHR4	28971771	CHR4:28971771	SSF x LoA	-9,29809608	0,005	0,315
CHR4	28971811	CHR4:28971811	SSF x LoA	-9,65745819	-0,039	0,306
CHR4	28971866	CHR4:28971866	SSF x LoA	-9,42086842	0,057	0,292
CHR4	28989054	CHR4:28989054	SSF x LoA	-9,30406518	0,058	0,308
CHR4	28989152	CHR4:28989152	SSF x LoA	-10,6609646	0,008	0,315
CHR4	28989162	CHR4:28989162	SSF x LoA	-8,36727525	-0,032	0,310
CHR4	28989179	CHR4:28989179	SSF x LoA	-6,97719411	-0,075	0,306
CHR4	28989184	CHR4:28989184	SSF x LoA	-8,76663674	0,049	0,303
CHR4	28989204	CHR4:28989204	SSF x LoA	-8,83180396	-0,095	0,311
CHR4	28989214	CHR4:28989214	SSF x LoA	-7,34984728	0,076	0,321
CHR4	28989226	CHR4:28989226	SSF x LoA	-4,46185694	0,065	0,311
CHR4	28989243	CHR4:28989243	SSF x LoA	-7,88324385	-0,025	0,309
CHR4	28995041	CHR4:28995041	SSF x LoA	-11,5899234	0,033	0,304
CHR4	28995079	CHR4:28995079	SSF x LoA	-9,83688373	0,063	0,314
CHR4	28995170	CHR4:28995170	SSF x LoA	-8,34877348	0,001	0,322
CHR4	28995204	CHR4:28995204	SSF x LoA	-7,16281922	-0,031	0,310
CHR4	28995228	CHR4:28995228	SSF x LoA	-8,59026728	-0,027	0,309
CHR4	28995236	CHR4:28995236	SSF x LoA	-9,00571958	0,025	0,297
CHR4	29007151	CHR4:29007151	SSF x LoA	-8,63064201	-0,101	0,306
CHR4	2901038	CHR4:2901038	SSF x LoA	-8,14275354	0,000	0,308
CHR4	2901054	CHR4:2901054	SSF x LoA	-9,90107347	0,005	0,293
CHR4	29012815	CHR4:29012815	SSF x LoA	-8,80315172	-0,122	0,302
CHR4	29012821	CHR4:29012821	SSF x LoA	-10,2753818	-0,016	0,318
CHR4	29012829	CHR4:29012829	SSF x LoA	-9,27697555	-0,094	0,296
CHR4	29025213	CHR4:29025213	SSF x LoA	-8,64604379	0,047	0,318
CHR4	29025236	CHR4:29025236	SSF x LoA	-7,89905124	0,049	0,317
CHR4	29025324	CHR4:29025324	SSF x LoA	-5,40605625	-0,013	0,317

CHR4	29025330	CHR4:29025330	SSF x LoA	-10,7371675	-0,024	0,307
CHR4	29026376	CHR4:29026376	SSF x LoA	-10,3876958	-0,027	0,304
CHR4	29026396	CHR4:29026396	SSF x LoA	-6,52851153	-0,107	0,313
CHR4	29029177	CHR4:29029177	SSF x LoA	-9,51421695	-0,006	0,301
CHR4	29029241	CHR4:29029241	SSF x LoA	-8,82177902	-0,102	0,308
CHR4	29029246	CHR4:29029246	SSF x LoA	-7,98637572	0,149	0,302
CHR4	29029284	CHR4:29029284	SSF x LoA	-7,61261611	-0,051	0,308
CHR4	29029317	CHR4:29029317	SSF x LoA	-1,1984423	-0,064	0,313
CHR4	29029328	CHR4:29029328	SSF x LoA	-8,43754535	-0,086	0,304
CHR4	29029336	CHR4:29029336	SSF x LoA	-8,45561621	-0,005	0,310
CHR4	29029350	CHR4:29029350	SSF x LoA	-8,60742414	-0,037	0,310
CHR4	29031395	CHR4:29031395	SSF x LoA	-4,97693113	0,195	0,302
CHR4	29033125	CHR4:29033125	SSF x LoA	-8,13342027	-0,120	0,304
CHR4	29040555	CHR4:29040555	SSF x LoA	-9,31834703	-0,041	0,310
CHR4	29040637	CHR4:29040637	SSF x LoA	-7,09454102	-0,115	0,307
CHR4	29040652	CHR4:29040652	SSF x LoA	-8,77303798	0,043	0,301
CHR4	29040804	CHR4:29040804	SSF x LoA	-10,7746664	-0,012	0,292
CHR4	29044201	CHR4:29044201	SSF x LoA	-7,1966244	0,057	0,315
CHR4	29053369	CHR4:29053369	SSF x LoA	-10,4668436	0,009	0,302
CHR4	29053410	CHR4:29053410	SSF x LoA	-11,8683363	0,011	0,304
CHR4	29053411	CHR4:29053411	SSF x LoA	-11,0968764	0,003	0,306
CHR4	29053521	CHR4:29053521	SSF x LoA	-7,68230327	-0,073	0,316
CHR4	29062441	CHR4:29062441	SSF x LoA	-10,5908133	0,011	0,299
CHR4	29062493	CHR4:29062493	SSF x LoA	-10,3500956	0,078	0,300
CHR4	29062555	CHR4:29062555	SSF x LoA	-9,40034441	0,066	0,305
CHR4	29082658	CHR4:29082658	SSF x LoA	-9,49768242	0,119	0,302
CHR4	29093296	CHR4:29093296	SSF x LoA	-11,0454624	0,067	0,305
CHR4	29093567	CHR4:29093567	SSF x LoA	-8,92641699	-0,107	0,306
CHR4	29096094	CHR4:29096094	SSF x LoA	-9,18083649	-0,019	0,311
CHR4	29096124	CHR4:29096124	SSF x LoA	-10,9060921	0,015	0,307
CHR4	29096128	CHR4:29096128	SSF x LoA	-9,31832702	-0,081	0,300
CHR4	29096144	CHR4:29096144	SSF x LoA	-11,5514201	-0,085	0,300
CHR4	29096165	CHR4:29096165	SSF x LoA	-9,2730573	-0,058	0,302
CHR4	29096177	CHR4:29096177	SSF x LoA	-7,97571079	-0,077	0,317
CHR4	29096255	CHR4:29096255	SSF x LoA	-10,4797205	-0,006	0,307
CHR4	29097574	CHR4:29097574	SSF x LoA	-8,85805237	0,042	0,319
CHR4	29097577	CHR4:29097577	SSF x LoA	-10,3170032	-0,033	0,304
CHR4	29097640	CHR4:29097640	SSF x LoA	-9,88683676	-0,050	0,306
CHR4	29097667	CHR4:29097667	SSF x LoA	-10,3286607	-0,011	0,299
CHR4	29097703	CHR4:29097703	SSF x LoA	-8,20332405	-0,044	0,311
CHR4	29097828	CHR4:29097828	SSF x LoA	-10,2211054	0,006	0,309
CHR4	29118550	CHR4:29118550	SSF x LoA	-8,12846662	0,084	0,323
CHR4	29118607	CHR4:29118607	SSF x LoA	-8,51888609	0,056	0,313
CHR4	29118654	CHR4:29118654	SSF x LoA	-1,46531767	-0,128	0,309
CHR4	29118765	CHR4:29118765	SSF x LoA	-8,45470044	-0,159	0,291
CHR4	29118766	CHR4:29118766	SSF x LoA	-4,06428679	-0,167	0,297
CHR4	29121882	CHR4:29121882	SSF x LoA	-11,7435974	-0,044	0,306
CHR4	29138485	CHR4:29138485	SSF x LoA	-7,64776648	-0,214	0,311
CHR4	29138513	CHR4:29138513	SSF x LoA	-9,81584018	0,070	0,301
CHR4	29144285	CHR4:29144285	SSF x LoA	-7,83464064	0,077	0,304
CHR4	29155069	CHR4:29155069	SSF x LoA	-6,86422628	0,131	0,311
CHR4	29155327	CHR4:29155327	SSF x LoA	-9,35016736	-0,035	0,297
CHR4	29160731	CHR4:29160731	SSF x LoA	-10,0832844	0,017	0,311

CHR4	29160753	CHR4:29160753	SSF x LoA	-10,7235282	0,069	0,311
CHR4	29160781	CHR4:29160781	SSF x LoA	-8,92624898	-0,022	0,313
CHR4	29161009	CHR4:29161009	SSF x LoA	-8,26038601	-0,108	0,304
CHR4	29161010	CHR4:29161010	SSF x LoA	-4,78214723	0,145	0,308
CHR4	29161081	CHR4:29161081	SSF x LoA	-8,01111681	0,072	0,309
CHR4	29161090	CHR4:29161090	SSF x LoA	-7,4544963	0,098	0,301
CHR4	29164245	CHR4:29164245	SSF x LoA	-10,9014472	-0,019	0,310
CHR4	29164266	CHR4:29164266	SSF x LoA	-9,70089297	0,152	0,300
CHR4	29176035	CHR4:29176035	SSF x LoA	-9,87676011	-0,091	0,312
CHR4	29181784	CHR4:29181784	SSF x LoA	-8,94852725	-0,103	0,299
CHR4	29185952	CHR4:29185952	SSF x LoA	-6,92926105	0,084	0,304
CHR4	29189218	CHR4:29189218	SSF x LoA	-10,115252	0,075	0,313
CHR4	29189297	CHR4:29189297	SSF x LoA	-9,62943236	-0,091	0,305
CHR4	29189364	CHR4:29189364	SSF x LoA	-7,56487171	0,157	0,294
CHR4	29190543	CHR4:29190543	SSF x LoA	-9,85590582	0,057	0,300
CHR4	29190544	CHR4:29190544	SSF x LoA	-9,75688085	0,084	0,296
CHR4	29190545	CHR4:29190545	SSF x LoA	-6,92255371	0,048	0,298
CHR4	29190579	CHR4:29190579	SSF x LoA	-9,2600295	0,094	0,291
CHR4	29190599	CHR4:29190599	SSF x LoA	-9,35712681	0,036	0,324
CHR4	29190649	CHR4:29190649	SSF x LoA	-11,1555734	0,072	0,303
CHR4	29190670	CHR4:29190670	SSF x LoA	-5,4612256	0,115	0,307
CHR4	29190686	CHR4:29190686	SSF x LoA	-8,78667108	-0,017	0,308
CHR4	29190688	CHR4:29190688	SSF x LoA	-9,64126239	-0,034	0,303
CHR4	29190788	CHR4:29190788	SSF x LoA	-12,6189321	0,016	0,308
CHR4	29195555	CHR4:29195555	SSF x LoA	-5,97841384	0,139	0,308
CHR4	29195574	CHR4:29195574	SSF x LoA	-9,72777211	0,106	0,298
CHR4	29195624	CHR4:29195624	SSF x LoA	-9,62416302	0,051	0,309
CHR4	29195645	CHR4:29195645	SSF x LoA	-7,79473771	0,035	0,306
CHR4	29195647	CHR4:29195647	SSF x LoA	-8,70579271	-0,107	0,310
CHR4	29229381	CHR4:29229381	SSF x LoA	-8,75076927	0,065	0,314
CHR4	29229401	CHR4:29229401	SSF x LoA	-8,00612031	-0,031	0,326
CHR4	29229420	CHR4:29229420	SSF x LoA	-7,82457411	0,090	0,303
CHR4	29229461	CHR4:29229461	SSF x LoA	-9,45392014	-0,053	0,299
CHR4	29229472	CHR4:29229472	SSF x LoA	-6,40697533	-0,074	0,316
CHR4	29229530	CHR4:29229530	SSF x LoA	-10,9693136	0,091	0,304
CHR4	29233342	CHR4:29233342	SSF x LoA	-8,69523551	0,136	0,294
CHR4	29234918	CHR4:29234918	SSF x LoA	-8,64080582	-0,164	0,309
CHR4	29234924	CHR4:29234924	SSF x LoA	-7,82267983	-0,175	0,311
CHR4	29234925	CHR4:29234925	SSF x LoA	-8,31199967	0,046	0,313
CHR4	29234954	CHR4:29234954	SSF x LoA	-2,36746618	0,162	0,314
CHR4	29234998	CHR4:29234998	SSF x LoA	-4,141688	-0,017	0,313
CHR4	29235010	CHR4:29235010	SSF x LoA	-7,47223578	-0,076	0,304
CHR4	29240648	CHR4:29240648	SSF x LoA	-9,56697916	-0,045	0,305
CHR4	29240688	CHR4:29240688	SSF x LoA	-10,5810834	-0,052	0,300
CHR4	29240719	CHR4:29240719	SSF x LoA	-10,4193207	-0,030	0,300
CHR4	29245917	CHR4:29245917	SSF x LoA	-8,48615545	0,007	0,320
CHR4	29245936	CHR4:29245936	SSF x LoA	-9,88428819	-0,089	0,308
CHR4	29247714	CHR4:29247714	SSF x LoA	5,70227059	0,137	0,296
CHR4	29251354	CHR4:29251354	SSF x LoA	-7,39272043	0,000	0,305
CHR4	29251419	CHR4:29251419	SSF x LoA	-9,90865301	-0,049	0,310
CHR4	29251425	CHR4:29251425	SSF x LoA	-9,28701638	-0,057	0,298
CHR4	29251480	CHR4:29251480	SSF x LoA	-8,03352167	0,054	0,311
CHR4	29251506	CHR4:29251506	SSF x LoA	-6,80150301	0,083	0,302

CHR4	29251524	CHR4:29251524	SSF x LoA	-4,84111019	0,046	0,311
CHR4	29251582	CHR4:29251582	SSF x LoA	-10,469557	-0,024	0,309
CHR4	29253670	CHR4:29253670	SSF x LoA	-8,74067333	-0,067	0,315
CHR4	29253687	CHR4:29253687	SSF x LoA	-9,30943535	0,095	0,291
CHR4	29253797	CHR4:29253797	SSF x LoA	-9,35993263	0,039	0,305
CHR4	29258544	CHR4:29258544	SSF x LoA	-8,17461377	0,110	0,298
CHR4	29259159	CHR4:29259159	SSF x LoA	-8,65840106	0,066	0,313
CHR4	29266100	CHR4:29266100	SSF x LoA	-7,55075161	0,092	0,312
CHR4	29266117	CHR4:29266117	SSF x LoA	-9,16695613	-0,040	0,317
CHR4	29266123	CHR4:29266123	SSF x LoA	-8,56902371	-0,042	0,316
CHR4	29272791	CHR4:29272791	SSF x LoA	-9,76947869	0,030	0,305
CHR4	29272818	CHR4:29272818	SSF x LoA	-9,78966728	-0,038	0,311
CHR4	29272984	CHR4:29272984	SSF x LoA	-9,07788191	0,065	0,306
CHR4	29272994	CHR4:29272994	SSF x LoA	-10,3069947	0,063	0,307
CHR4	29280856	CHR4:29280856	SSF x LoA	-10,9281284	-0,056	0,294
CHR4	29280966	CHR4:29280966	SSF x LoA	-9,5647509	-0,139	0,300
CHR4	29280981	CHR4:29280981	SSF x LoA	-10,3629367	0,035	0,288
CHR4	29281007	CHR4:29281007	SSF x LoA	-10,9611306	-0,026	0,297
CHR4	29281064	CHR4:29281064	SSF x LoA	-12,2819363	-0,039	0,296
CHR4	29281079	CHR4:29281079	SSF x LoA	-10,9620946	0,063	0,296
CHR4	29286992	CHR4:29286992	SSF x LoA	-10,8725529	-0,007	0,308
CHR4	2928736	CHR4:2928736	SSF x LoA	-8,59181066	-0,028	0,314
CHR4	2928737	CHR4:2928737	SSF x LoA	-8,28909307	-0,016	0,312
CHR4	2928794	CHR4:2928794	SSF x LoA	-9,12163373	-0,031	0,295
CHR4	29288341	CHR4:29288341	SSF x LoA	-8,89406695	0,087	0,290
CHR4	29291945	CHR4:29291945	SSF x LoA	-7,75209061	-0,024	0,306
CHR4	29291975	CHR4:29291975	SSF x LoA	-11,404667	0,061	0,313
CHR4	29298771	CHR4:29298771	SSF x LoA	-10,3959754	0,084	0,301
CHR4	29298798	CHR4:29298798	SSF x LoA	-8,81817844	-0,119	0,293
CHR4	29298877	CHR4:29298877	SSF x LoA	-12,1155944	-0,006	0,304
CHR4	29298899	CHR4:29298899	SSF x LoA	-11,8423835	0,028	0,311
CHR4	29298942	CHR4:29298942	SSF x LoA	-9,3182759	0,056	0,316
CHR4	29300547	CHR4:29300547	SSF x LoA	-9,69598211	0,026	0,314
CHR4	29300690	CHR4:29300690	SSF x LoA	-11,5556744	-0,006	0,310
CHR4	29313022	CHR4:29313022	SSF x LoA	-10,2569922	0,070	0,298
CHR4	29322018	CHR4:29322018	SSF x LoA	-7,83966862	0,034	0,305
CHR4	29322128	CHR4:29322128	SSF x LoA	-9,1063461	0,072	0,300
CHR4	29322129	CHR4:29322129	SSF x LoA	1,83440496	0,047	0,316
CHR4	29328133	CHR4:29328133	SSF x LoA	-8,52151645	-0,102	0,311
CHR4	29328231	CHR4:29328231	SSF x LoA	-3,52300746	0,175	0,284
CHR4	29328443	CHR4:29328443	SSF x LoA	-9,08346681	0,050	0,316
CHR4	29328459	CHR4:29328459	SSF x LoA	-7,47211413	-0,157	0,287
CHR4	29328489	CHR4:29328489	SSF x LoA	-7,56105026	-0,065	0,311
CHR4	29328502	CHR4:29328502	SSF x LoA	-11,4411089	0,091	0,295
CHR4	29328542	CHR4:29328542	SSF x LoA	-8,75443379	0,109	0,284
CHR4	29334911	CHR4:29334911	SSF x LoA	-11,245066	0,083	0,304
CHR4	29334959	CHR4:29334959	SSF x LoA	-7,4886625	0,116	0,301
CHR4	29335041	CHR4:29335041	SSF x LoA	-8,39966066	0,061	0,305
CHR4	29341456	CHR4:29341456	SSF x LoA	-9,33334278	0,098	0,296
CHR4	29341658	CHR4:29341658	SSF x LoA	-8,48021456	0,018	0,310
CHR4	29341668	CHR4:29341668	SSF x LoA	-10,4446925	-0,027	0,316
CHR4	29341672	CHR4:29341672	SSF x LoA	-7,31086766	-0,067	0,323
CHR4	29341681	CHR4:29341681	SSF x LoA	-8,18582056	0,067	0,305

CHR4	2934402	CHR4:2934402	SSF x LoA	-8,17672895	-0,104	0,319
CHR4	2934416	CHR4:2934416	SSF x LoA	-8,78753385	0,070	0,309
CHR4	29345173	CHR4:29345173	SSF x LoA	-10,6125117	0,062	0,307
CHR4	29345272	CHR4:29345272	SSF x LoA	-9,35759906	0,070	0,306
CHR4	29345346	CHR4:29345346	SSF x LoA	-10,0213873	-0,115	0,286
CHR4	29345347	CHR4:29345347	SSF x LoA	-7,45753593	0,158	0,286
CHR4	2934590	CHR4:2934590	SSF x LoA	-10,0847396	0,019	0,311
CHR4	29358426	CHR4:29358426	SSF x LoA	-7,50908653	0,132	0,303
CHR4	29358450	CHR4:29358450	SSF x LoA	-11,8763249	-0,025	0,305
CHR4	29374304	CHR4:29374304	SSF x LoA	-6,30641098	0,009	0,310
CHR4	29374373	CHR4:29374373	SSF x LoA	-9,3361258	0,049	0,306
CHR4	29388626	CHR4:29388626	SSF x LoA	-8,48120443	-0,068	0,317
CHR4	29388628	CHR4:29388628	SSF x LoA	-8,52253351	-0,037	0,328
CHR4	29388644	CHR4:29388644	SSF x LoA	-11,3060234	-0,044	0,311
CHR4	29388667	CHR4:29388667	SSF x LoA	-6,14777789	-0,052	0,316
CHR4	29388760	CHR4:29388760	SSF x LoA	-9,11539589	0,060	0,302
CHR4	29388776	CHR4:29388776	SSF x LoA	-8,82099832	-0,019	0,303
CHR4	29401439	CHR4:29401439	SSF x LoA	-8,47015516	0,093	0,292
CHR4	29401465	CHR4:29401465	SSF x LoA	-4,86472248	-0,081	0,317
CHR4	29401497	CHR4:29401497	SSF x LoA	-7,18095726	-0,103	0,297
CHR4	29401500	CHR4:29401500	SSF x LoA	-9,52473218	-0,074	0,308
CHR4	29406009	CHR4:29406009	SSF x LoA	-9,68803123	0,079	0,295
CHR4	29407816	CHR4:29407816	SSF x LoA	-6,52767825	-0,069	0,304
CHR4	29407899	CHR4:29407899	SSF x LoA	-10,6570502	-0,048	0,313
CHR4	29407912	CHR4:29407912	SSF x LoA	-9,00313143	0,069	0,325
CHR4	29411202	CHR4:29411202	SSF x LoA	-11,6621386	0,047	0,297
CHR4	2941404	CHR4:2941404	SSF x LoA	-9,1661443	0,051	0,315
CHR4	29421129	CHR4:29421129	SSF x LoA	-7,74239127	0,010	0,307
CHR4	29424212	CHR4:29424212	SSF x LoA	-6,61058082	0,150	0,289
CHR4	29424243	CHR4:29424243	SSF x LoA	-3,77358103	-0,138	0,311
CHR4	29435827	CHR4:29435827	SSF x LoA	-8,76376362	-0,034	0,315
CHR4	29438031	CHR4:29438031	SSF x LoA	-8,65009371	-0,040	0,306
CHR4	29438047	CHR4:29438047	SSF x LoA	-9,03625345	0,017	0,307
CHR4	29438095	CHR4:29438095	SSF x LoA	-6,93738719	0,053	0,312
CHR4	29438131	CHR4:29438131	SSF x LoA	-9,43643353	-0,116	0,299
CHR4	29452713	CHR4:29452713	SSF x LoA	-9,39088718	-0,070	0,295
CHR4	29452801	CHR4:29452801	SSF x LoA	-9,65367178	-0,034	0,319
CHR4	29452848	CHR4:29452848	SSF x LoA	-8,11413422	-0,009	0,309
CHR4	29455124	CHR4:29455124	SSF x LoA	-9,07272958	0,008	0,310
CHR4	29455168	CHR4:29455168	SSF x LoA	-10,5165736	-0,072	0,307
CHR4	29456279	CHR4:29456279	SSF x LoA	-9,7104756	-0,033	0,307
CHR4	29456358	CHR4:29456358	SSF x LoA	-11,558897	0,061	0,287
CHR4	29460042	CHR4:29460042	SSF x LoA	-9,99697863	0,109	0,303
CHR4	29460052	CHR4:29460052	SSF x LoA	-7,27021455	0,050	0,304
CHR4	29460103	CHR4:29460103	SSF x LoA	-10,3915519	-0,024	0,313
CHR4	29462774	CHR4:29462774	SSF x LoA	-7,9954507	0,123	0,316
CHR4	29462810	CHR4:29462810	SSF x LoA	-11,1280274	0,035	0,310
CHR4	29471982	CHR4:29471982	SSF x LoA	-11,4518391	0,027	0,313
CHR4	29472207	CHR4:29472207	SSF x LoA	-9,84862607	0,054	0,299
CHR4	29474992	CHR4:29474992	SSF x LoA	-8,79317924	-0,070	0,310
CHR4	29475017	CHR4:29475017	SSF x LoA	-11,1564099	-0,085	0,318
CHR4	29489623	CHR4:29489623	SSF x LoA	-7,5862755	0,013	0,293
CHR4	29489624	CHR4:29489624	SSF x LoA	-9,11045016	-0,007	0,307

CHR4	29489675	CHR4:29489675	SSF x LoA	-8,63893361	0,075	0,307
CHR4	29494303	CHR4:29494303	SSF x LoA	-4,98183097	-0,015	0,307
CHR4	29494379	CHR4:29494379	SSF x LoA	-8,14139966	-0,110	0,298
CHR4	29494426	CHR4:29494426	SSF x LoA	-9,49745601	-0,067	0,295
CHR4	29494436	CHR4:29494436	SSF x LoA	-11,2204347	0,036	0,303
CHR4	29495804	CHR4:29495804	SSF x LoA	-9,34733253	0,115	0,297
CHR4	29497683	CHR4:29497683	SSF x LoA	-11,8619087	-0,020	0,300
CHR4	29497689	CHR4:29497689	SSF x LoA	-7,00197201	0,001	0,300
CHR4	29497706	CHR4:29497706	SSF x LoA	-6,00660588	0,214	0,296
CHR4	29497741	CHR4:29497741	SSF x LoA	-10,4576748	0,005	0,288
CHR4	29497838	CHR4:29497838	SSF x LoA	-8,33940076	0,091	0,299
CHR4	3E+07	CHR4:29502076	SSF x LoA	-7,96381696	0,110	0,318
CHR4	3E+07	CHR4:29502148	SSF x LoA	-6,50616139	0,086	0,304
CHR4	3E+07	CHR4:29502156	SSF x LoA	-6,76629103	0,194	0,290
CHR4	3E+07	CHR4:29502301	SSF x LoA	-6,99225007	-0,034	0,311
CHR4	3E+07	CHR4:29502319	SSF x LoA	-9,26819897	0,040	0,308
CHR4	3E+07	CHR4:29508683	SSF x LoA	-9,40987008	-0,025	0,314
CHR4	3E+07	CHR4:29511681	SSF x LoA	-7,05890324	-0,037	0,303
CHR4	3E+07	CHR4:29511696	SSF x LoA	-8,3585958	0,014	0,315
CHR4	3E+07	CHR4:29511767	SSF x LoA	-9,21587414	0,008	0,311
CHR4	3E+07	CHR4:29511782	SSF x LoA	-7,92568122	0,085	0,292
CHR4	3E+07	CHR4:29517556	SSF x LoA	-6,45221465	-0,173	0,286
CHR4	3E+07	CHR4:29517596	SSF x LoA	-8,99872338	-0,086	0,313
CHR4	3E+07	CHR4:29517603	SSF x LoA	-9,15174877	0,073	0,316
CHR4	3E+07	CHR4:29525968	SSF x LoA	-9,13277301	-0,075	0,310
CHR4	3E+07	CHR4:29525990	SSF x LoA	-10,7627044	0,064	0,293
CHR4	3E+07	CHR4:29531650	SSF x LoA	-7,60218914	0,000	0,298
CHR4	3E+07	CHR4:29534266	SSF x LoA	-8,54235563	-0,021	0,320
CHR4	3E+07	CHR4:29534511	SSF x LoA	-6,68303433	0,096	0,319
CHR4	3E+07	CHR4:29534532	SSF x LoA	-3,30637342	0,096	0,308
CHR4	2953757	CHR4:2953757	SSF x LoA	-7,72686346	-0,055	0,315
CHR4	2953961	CHR4:2953961	SSF x LoA	-7,14039113	0,063	0,306
CHR4	3E+07	CHR4:29542571	SSF x LoA	-12,2015781	0,056	0,303
CHR4	3E+07	CHR4:29542573	SSF x LoA	-10,921457	-0,074	0,314
CHR4	3E+07	CHR4:29542692	SSF x LoA	-7,93740474	0,062	0,309
CHR4	3E+07	CHR4:29542764	SSF x LoA	-6,80595141	-0,198	0,303
CHR4	3E+07	CHR4:29551558	SSF x LoA	13,4242224	-0,129	0,323
CHR4	3E+07	CHR4:29553326	SSF x LoA	-8,80821543	0,038	0,315
CHR4	3E+07	CHR4:29553429	SSF x LoA	-10,9082822	0,059	0,295
CHR4	3E+07	CHR4:29553462	SSF x LoA	-9,48992591	-0,036	0,311
CHR4	3E+07	CHR4:29566535	SSF x LoA	-10,2365106	0,107	0,296
CHR4	3E+07	CHR4:29569415	SSF x LoA	-10,1595344	0,095	0,300
CHR4	3E+07	CHR4:29570477	SSF x LoA	-8,5059467	-0,132	0,302
CHR4	3E+07	CHR4:29570479	SSF x LoA	6,98425422	-0,213	0,296
CHR4	3E+07	CHR4:29570502	SSF x LoA	-7,88775285	0,041	0,305
CHR4	3E+07	CHR4:29570518	SSF x LoA	-11,1924902	-0,046	0,299
CHR4	3E+07	CHR4:29570564	SSF x LoA	-9,53053379	0,068	0,313
CHR4	3E+07	CHR4:29572719	SSF x LoA	-8,99262018	0,052	0,293
CHR4	3E+07	CHR4:29573802	SSF x LoA	-11,641798	-0,049	0,311
CHR4	3E+07	CHR4:29575996	SSF x LoA	-6,8475874	0,078	0,320
CHR4	3E+07	CHR4:29576010	SSF x LoA	-7,41108673	-0,029	0,313
CHR4	3E+07	CHR4:29576015	SSF x LoA	-6,44181235	0,084	0,321
CHR4	3E+07	CHR4:29576112	SSF x LoA	-8,33434165	0,190	0,296

CHR4	3E+07	CHR4:29576129	SSF x LoA	-12,2217241	0,004	0,299
CHR4	2958517	CHR4:2958517	SSF x LoA	-10,6596922	-0,132	0,290
CHR4	3E+07	CHR4:29585344	SSF x LoA	-9,28903797	0,101	0,308
CHR4	2958538	CHR4:2958538	SSF x LoA	-9,1168563	0,055	0,309
CHR4	3E+07	CHR4:29585463	SSF x LoA	-4,32730039	0,111	0,307
CHR4	3E+07	CHR4:29585506	SSF x LoA	-8,10714818	0,194	0,295
CHR4	2958572	CHR4:2958572	SSF x LoA	-7,3713774	-0,126	0,294
CHR4	3E+07	CHR4:29593741	SSF x LoA	-5,86139752	-0,125	0,314
CHR4	3E+07	CHR4:29593830	SSF x LoA	-9,06599293	0,034	0,297
CHR4	3E+07	CHR4:29593935	SSF x LoA	-9,54262941	0,010	0,310
CHR4	3E+07	CHR4:29594010	SSF x LoA	-10,3328137	-0,030	0,303
CHR4	3E+07	CHR4:29607575	SSF x LoA	-9,27998525	-0,061	0,316
CHR4	3E+07	CHR4:29607576	SSF x LoA	-11,6443865	-0,045	0,303
CHR4	3E+07	CHR4:29607586	SSF x LoA	-10,8088674	0,057	0,314
CHR4	3E+07	CHR4:29612656	SSF x LoA	-10,6020413	0,047	0,301
CHR4	3E+07	CHR4:29615229	SSF x LoA	-10,43382	-0,031	0,305
CHR4	3E+07	CHR4:29615357	SSF x LoA	-9,72708472	-0,006	0,307
CHR4	3E+07	CHR4:29622740	SSF x LoA	-10,2166013	0,031	0,296
CHR4	3E+07	CHR4:29622825	SSF x LoA	-9,17096643	0,007	0,297
CHR4	3E+07	CHR4:29622903	SSF x LoA	-10,9331147	-0,005	0,304
CHR4	3E+07	CHR4:29622936	SSF x LoA	-10,338017	0,034	0,307
CHR4	3E+07	CHR4:29622946	SSF x LoA	-11,3656567	-0,047	0,296
CHR4	3E+07	CHR4:29629952	SSF x LoA	-9,85861744	0,020	0,309
CHR4	3E+07	CHR4:29643611	SSF x LoA	-7,20895409	0,084	0,295
CHR4	3E+07	CHR4:29643651	SSF x LoA	-7,44780173	0,105	0,315
CHR4	3E+07	CHR4:29648175	SSF x LoA	-8,93587446	-0,138	0,309
CHR4	3E+07	CHR4:29648480	SSF x LoA	-6,95775143	0,127	0,299
CHR4	3E+07	CHR4:29648503	SSF x LoA	-7,80659127	0,025	0,300
CHR4	3E+07	CHR4:29648568	SSF x LoA	-10,7911192	-0,080	0,308
CHR4	3E+07	CHR4:29648579	SSF x LoA	-8,94518442	-0,006	0,309
CHR4	3E+07	CHR4:29653321	SSF x LoA	-11,0993777	0,114	0,291
CHR4	3E+07	CHR4:29653357	SSF x LoA	-9,56082377	-0,002	0,293
CHR4	3E+07	CHR4:29653376	SSF x LoA	-9,1545623	-0,097	0,299
CHR4	3E+07	CHR4:29653448	SSF x LoA	-9,92743656	-0,094	0,306
CHR4	3E+07	CHR4:29653501	SSF x LoA	-8,47893819	-0,030	0,300
CHR4	3E+07	CHR4:29653527	SSF x LoA	-8,15960087	-0,089	0,299
CHR4	3E+07	CHR4:29655093	SSF x LoA	-6,61222834	-0,121	0,308
CHR4	3E+07	CHR4:29655233	SSF x LoA	-11,8483226	-0,077	0,297
CHR4	3E+07	CHR4:29655234	SSF x LoA	-10,3893017	-0,061	0,309
CHR4	3E+07	CHR4:29663148	SSF x LoA	-8,85088378	0,067	0,308
CHR4	3E+07	CHR4:29672376	SSF x LoA	-7,81924122	0,059	0,314
CHR4	3E+07	CHR4:29672394	SSF x LoA	-9,00341329	0,064	0,309
CHR4	3E+07	CHR4:29672444	SSF x LoA	-6,42477956	-0,146	0,303
CHR4	3E+07	CHR4:29672500	SSF x LoA	-9,436539	-0,177	0,290
CHR4	3E+07	CHR4:29673252	SSF x LoA	-10,2998699	-0,042	0,298
CHR4	3E+07	CHR4:29674670	SSF x LoA	-10,3558269	0,070	0,308
CHR4	3E+07	CHR4:29674799	SSF x LoA	-9,32942115	-0,096	0,315
CHR4	3E+07	CHR4:29675683	SSF x LoA	-9,93672406	0,033	0,312
CHR4	3E+07	CHR4:29675712	SSF x LoA	-10,5633289	-0,032	0,312
CHR4	3E+07	CHR4:29675822	SSF x LoA	-8,92559313	0,017	0,317
CHR4	3E+07	CHR4:29675924	SSF x LoA	-8,99944939	-0,054	0,310
CHR4	3E+07	CHR4:29682817	SSF x LoA	-12,2496532	-0,012	0,303
CHR4	3E+07	CHR4:29682829	SSF x LoA	-7,54861783	0,107	0,299

CHR4	3E+07	CHR4:29683501	SSF x LoA	-11,9102735	0,058	0,302
CHR4	3E+07	CHR4:29683729	SSF x LoA	-10,5412935	-0,081	0,307
CHR4	3E+07	CHR4:29688953	SSF x LoA	-10,8916403	0,040	0,296
CHR4	3E+07	CHR4:29688973	SSF x LoA	-9,89512777	0,104	0,317
CHR4	3E+07	CHR4:29689043	SSF x LoA	-7,5896435	0,160	0,309
CHR4	3E+07	CHR4:29689061	SSF x LoA	-6,27533426	-0,016	0,312
CHR4	3E+07	CHR4:29694075	SSF x LoA	-8,79872419	-0,008	0,287
CHR4	3E+07	CHR4:29694134	SSF x LoA	-8,01903394	0,011	0,312
CHR4	3E+07	CHR4:29694136	SSF x LoA	-10,9087713	-0,013	0,312
CHR4	3E+07	CHR4:29694150	SSF x LoA	-9,50047547	0,057	0,302
CHR4	3E+07	CHR4:29694395	SSF x LoA	-6,20359863	0,063	0,310
CHR4	3E+07	CHR4:29699954	SSF x LoA	-10,6741599	0,011	0,310
CHR4	3E+07	CHR4:29700107	SSF x LoA	-10,2790691	0,005	0,304
CHR4	3E+07	CHR4:29706773	SSF x LoA	-11,7687175	-0,069	0,295
CHR4	3E+07	CHR4:29706774	SSF x LoA	-11,634272	-0,087	0,313
CHR4	3E+07	CHR4:29706776	SSF x LoA	-11,7436329	-0,074	0,310
CHR4	3E+07	CHR4:29706894	SSF x LoA	-6,11708173	-0,155	0,300
CHR4	3E+07	CHR4:29706912	SSF x LoA	-7,68145548	-0,083	0,306
CHR4	3E+07	CHR4:29706922	SSF x LoA	-11,4257224	0,003	0,305
CHR4	3E+07	CHR4:29706957	SSF x LoA	-9,37635108	0,037	0,314
CHR4	3E+07	CHR4:29707089	SSF x LoA	-9,18747794	0,046	0,305
CHR4	3E+07	CHR4:29715188	SSF x LoA	-8,61349886	-0,008	0,306
CHR4	3E+07	CHR4:29715238	SSF x LoA	-8,29755257	-0,080	0,320
CHR4	3E+07	CHR4:29715250	SSF x LoA	-10,4219898	0,076	0,310
CHR4	3E+07	CHR4:29715262	SSF x LoA	-7,99731254	0,130	0,313
CHR4	3E+07	CHR4:29717450	SSF x LoA	-11,2034268	-0,056	0,299
CHR4	3E+07	CHR4:29717608	SSF x LoA	-10,1834339	0,056	0,298
CHR4	3E+07	CHR4:29717632	SSF x LoA	-11,2765038	-0,014	0,305
CHR4	3E+07	CHR4:29721337	SSF x LoA	-11,4025063	-0,068	0,309
CHR4	3E+07	CHR4:29721426	SSF x LoA	-7,89676765	0,067	0,300
CHR4	3E+07	CHR4:29721443	SSF x LoA	10,988639	-0,150	0,291
CHR4	3E+07	CHR4:29721470	SSF x LoA	-9,27215314	-0,015	0,311
CHR4	3E+07	CHR4:29730640	SSF x LoA	-9,38309137	0,007	0,309
CHR4	3E+07	CHR4:29734123	SSF x LoA	-7,41269074	-0,144	0,298
CHR4	3E+07	CHR4:29734152	SSF x LoA	-9,32291211	0,024	0,303
CHR4	3E+07	CHR4:29734153	SSF x LoA	-5,76466082	0,094	0,314
CHR4	3E+07	CHR4:29747931	SSF x LoA	-6,1106549	-0,166	0,305
CHR4	3E+07	CHR4:29747995	SSF x LoA	-9,75972088	0,098	0,306
CHR4	3E+07	CHR4:29754987	SSF x LoA	-10,5343291	-0,079	0,298
CHR4	3E+07	CHR4:29755000	SSF x LoA	-9,59706691	-0,086	0,310
CHR4	3E+07	CHR4:29755074	SSF x LoA	-9,03233744	-0,006	0,313
CHR4	3E+07	CHR4:29755108	SSF x LoA	-7,76865237	-0,120	0,293
CHR4	3E+07	CHR4:29755120	SSF x LoA	-7,87918422	-0,069	0,310
CHR4	3E+07	CHR4:29759929	SSF x LoA	-9,94765671	-0,087	0,309
CHR4	3E+07	CHR4:29760038	SSF x LoA	-7,62407093	-0,022	0,306
CHR4	3E+07	CHR4:29760150	SSF x LoA	-10,3821853	0,042	0,310
CHR4	3E+07	CHR4:29760193	SSF x LoA	-10,4228267	-0,037	0,315
CHR4	3E+07	CHR4:29760376	SSF x LoA	-10,5540301	-0,076	0,299
CHR4	3E+07	CHR4:29766356	SSF x LoA	-9,16909258	-0,023	0,296
CHR4	3E+07	CHR4:29766442	SSF x LoA	-7,96675311	0,112	0,306
CHR4	3E+07	CHR4:29766592	SSF x LoA	-10,7349486	-0,131	0,302
CHR4	3E+07	CHR4:29766598	SSF x LoA	-9,51974944	-0,106	0,300
CHR4	3E+07	CHR4:29766605	SSF x LoA	-8,56679712	0,057	0,295

CHR4	3E+07	CHR4:29766616	SSF x LoA	-1,64252397	-0,051	0,325
CHR4	3E+07	CHR4:29781112	SSF x LoA	-7,39024064	-0,097	0,305
CHR4	3E+07	CHR4:29781247	SSF x LoA	-7,96647994	0,082	0,311
CHR4	3E+07	CHR4:29790134	SSF x LoA	-10,7714927	0,074	0,307
CHR4	3E+07	CHR4:29798833	SSF x LoA	-10,5669509	0,110	0,294
CHR4	3E+07	CHR4:29798914	SSF x LoA	-10,2110957	0,040	0,311
CHR4	3E+07	CHR4:29798924	SSF x LoA	-8,14364256	0,089	0,299
CHR4	3E+07	CHR4:29798937	SSF x LoA	-10,1348939	0,034	0,310
CHR4	3E+07	CHR4:29800141	SSF x LoA	-11,3710705	0,053	0,318
CHR4	3E+07	CHR4:29800155	SSF x LoA	-9,23897979	-0,017	0,316
CHR4	3E+07	CHR4:29800209	SSF x LoA	-9,6235157	0,032	0,313
CHR4	3E+07	CHR4:29800220	SSF x LoA	-9,987455	-0,010	0,290
CHR4	3E+07	CHR4:29800221	SSF x LoA	-7,74777281	0,042	0,301
CHR4	3E+07	CHR4:29800280	SSF x LoA	-8,25797844	-0,062	0,314
CHR4	3E+07	CHR4:29800311	SSF x LoA	-5,36830711	-0,030	0,307
CHR4	3E+07	CHR4:29800337	SSF x LoA	-11,253763	0,005	0,303
CHR4	3E+07	CHR4:29800348	SSF x LoA	-10,0763006	0,019	0,333
CHR4	3E+07	CHR4:29805580	SSF x LoA	-10,1206919	-0,088	0,305
CHR4	2980865	CHR4:2980865	SSF x LoA	-10,3885232	-0,001	0,304
CHR4	3E+07	CHR4:29815182	SSF x LoA	-9,86213353	0,113	0,293
CHR4	3E+07	CHR4:29816503	SSF x LoA	-6,2547865	0,069	0,308
CHR4	3E+07	CHR4:29816504	SSF x LoA	-10,2023915	0,046	0,300
CHR4	3E+07	CHR4:29816554	SSF x LoA	0,73385962	0,015	0,304
CHR4	3E+07	CHR4:29821408	SSF x LoA	-10,1698642	0,003	0,310
CHR4	3E+07	CHR4:29824449	SSF x LoA	-9,46989463	-0,028	0,319
CHR4	3E+07	CHR4:29829451	SSF x LoA	-6,12711766	0,013	0,315
CHR4	3E+07	CHR4:29839047	SSF x LoA	-10,5426957	-0,026	0,302
CHR4	3E+07	CHR4:29839181	SSF x LoA	-10,6834658	-0,047	0,308
CHR4	2984553	CHR4:2984553	SSF x LoA	-10,9981028	-0,047	0,314
CHR4	3E+07	CHR4:29845701	SSF x LoA	-8,35756599	-0,059	0,300
CHR4	2984617	CHR4:2984617	SSF x LoA	-8,61920452	0,019	0,305
CHR4	2984655	CHR4:2984655	SSF x LoA	-10,0430035	0,129	0,296
CHR4	2984669	CHR4:2984669	SSF x LoA	-9,67195508	-0,082	0,303
CHR4	2984670	CHR4:2984670	SSF x LoA	-8,6444929	0,033	0,304
CHR4	2984680	CHR4:2984680	SSF x LoA	-11,4139064	-0,022	0,322
CHR4	3E+07	CHR4:29851018	SSF x LoA	-6,81805522	-0,130	0,291
CHR4	3E+07	CHR4:29851025	SSF x LoA	-8,09911887	0,117	0,304
CHR4	3E+07	CHR4:29851195	SSF x LoA	-4,56157332	-0,083	0,321
CHR4	3E+07	CHR4:29852961	SSF x LoA	-7,67522872	0,093	0,315
CHR4	3E+07	CHR4:29853004	SSF x LoA	-9,98234875	-0,022	0,302
CHR4	3E+07	CHR4:29853015	SSF x LoA	-11,1549677	-0,048	0,305
CHR4	3E+07	CHR4:29853018	SSF x LoA	-10,9427526	-0,047	0,288
CHR4	3E+07	CHR4:29853027	SSF x LoA	-9,05562811	-0,067	0,311
CHR4	3E+07	CHR4:29853036	SSF x LoA	-9,16621882	-0,024	0,297
CHR4	3E+07	CHR4:29853038	SSF x LoA	-9,07612718	-0,056	0,310
CHR4	3E+07	CHR4:29853039	SSF x LoA	-7,71322634	-0,046	0,309
CHR4	2985304	CHR4:2985304	SSF x LoA	-7,18835717	-0,097	0,292
CHR4	3E+07	CHR4:29853044	SSF x LoA	-10,0554826	0,055	0,319
CHR4	2985336	CHR4:2985336	SSF x LoA	-8,14571392	-0,051	0,311
CHR4	3E+07	CHR4:29861907	SSF x LoA	-7,33064878	-0,166	0,288
CHR4	3E+07	CHR4:29861932	SSF x LoA	-10,0494416	0,106	0,285
CHR4	3E+07	CHR4:29862069	SSF x LoA	-10,5585284	0,095	0,279
CHR4	3E+07	CHR4:29864988	SSF x LoA	-12,0298847	0,039	0,302

CHR4	3E+07	CHR4:29865039	SSF x LoA	-11,5682302	0,014	0,314
CHR4	3E+07	CHR4:29865082	SSF x LoA	-4,60182445	0,112	0,311
CHR4	3E+07	CHR4:29872924	SSF x LoA	-9,3965811	-0,025	0,310
CHR4	3E+07	CHR4:29872980	SSF x LoA	-8,38049012	-0,083	0,301
CHR4	3E+07	CHR4:29872993	SSF x LoA	-9,82948238	-0,021	0,301
CHR4	3E+07	CHR4:29873005	SSF x LoA	-9,98785583	-0,116	0,309
CHR4	3E+07	CHR4:29873015	SSF x LoA	-6,40148429	0,078	0,303
CHR4	3E+07	CHR4:29873018	SSF x LoA	-7,13866963	0,102	0,315
CHR4	3E+07	CHR4:29873239	SSF x LoA	-8,45792633	0,024	0,312
CHR4	3E+07	CHR4:29873253	SSF x LoA	-6,21618751	0,051	0,316
CHR4	3E+07	CHR4:29876492	SSF x LoA	-9,11097195	0,046	0,302
CHR4	3E+07	CHR4:29876501	SSF x LoA	-10,6861494	-0,056	0,311
CHR4	3E+07	CHR4:29878380	SSF x LoA	-9,14915058	0,015	0,307
CHR4	3E+07	CHR4:29878383	SSF x LoA	-10,5904449	-0,078	0,295
CHR4	3E+07	CHR4:29878461	SSF x LoA	-9,77331547	-0,173	0,294
CHR4	3E+07	CHR4:29878463	SSF x LoA	-7,24254427	-0,064	0,322
CHR4	3E+07	CHR4:29878468	SSF x LoA	-4,17800844	-0,109	0,311
CHR4	3E+07	CHR4:29878475	SSF x LoA	-8,58560083	0,119	0,302
CHR4	3E+07	CHR4:29879596	SSF x LoA	-10,5965936	-0,009	0,304
CHR4	3E+07	CHR4:29879848	SSF x LoA	-7,68966335	-0,086	0,314
CHR4	3E+07	CHR4:29884745	SSF x LoA	-4,7899333	0,114	0,318
CHR4	3E+07	CHR4:29890090	SSF x LoA	-10,2521582	-0,020	0,312
CHR4	3E+07	CHR4:29890651	SSF x LoA	-9,67633755	0,090	0,303
CHR4	3E+07	CHR4:29890657	SSF x LoA	-11,4362823	-0,086	0,293
CHR4	3E+07	CHR4:29890679	SSF x LoA	-7,84401185	-0,112	0,312
CHR4	3E+07	CHR4:29890699	SSF x LoA	-10,2557324	0,020	0,316
CHR4	3E+07	CHR4:29890753	SSF x LoA	-8,79551167	-0,016	0,318
CHR4	3E+07	CHR4:29892739	SSF x LoA	-10,2190562	0,023	0,295
CHR4	3E+07	CHR4:29896455	SSF x LoA	-11,0548282	-0,009	0,306
CHR4	3E+07	CHR4:29896496	SSF x LoA	-7,7257123	0,086	0,313
CHR4	3E+07	CHR4:29896570	SSF x LoA	-5,80530143	0,270	0,285
CHR4	3E+07	CHR4:29896636	SSF x LoA	-10,0393607	-0,047	0,325
CHR4	3E+07	CHR4:29902969	SSF x LoA	-9,10295164	-0,058	0,297
CHR4	3E+07	CHR4:29903125	SSF x LoA	-10,3958338	0,054	0,311
CHR4	3E+07	CHR4:29903145	SSF x LoA	-9,85121118	0,051	0,300
CHR4	3E+07	CHR4:29904218	SSF x LoA	-10,308678	-0,054	0,300
CHR4	3E+07	CHR4:29923539	SSF x LoA	-11,1816851	-0,031	0,316
CHR4	3E+07	CHR4:29942883	SSF x LoA	-11,6697123	0,016	0,300
CHR4	3E+07	CHR4:29946991	SSF x LoA	-9,46887958	-0,071	0,308
CHR4	3E+07	CHR4:29948203	SSF x LoA	-10,4840383	0,003	0,307
CHR4	2995728	CHR4:2995728	SSF x LoA	-10,8576015	0,082	0,304
CHR4	3E+07	CHR4:29959352	SSF x LoA	-6,88964546	-0,069	0,324
CHR4	3E+07	CHR4:29959353	SSF x LoA	-8,54604005	-0,062	0,307
CHR4	3E+07	CHR4:29959362	SSF x LoA	-8,23045233	0,073	0,301
CHR4	2996752	CHR4:2996752	SSF x LoA	-8,21979613	-0,056	0,300
CHR4	2996759	CHR4:2996759	SSF x LoA	-9,69307061	-0,001	0,303
CHR4	2996786	CHR4:2996786	SSF x LoA	-10,5718861	-0,010	0,295
CHR4	2996787	CHR4:2996787	SSF x LoA	-7,90334456	0,004	0,318
CHR4	2996789	CHR4:2996789	SSF x LoA	-7,41814014	-0,013	0,307
CHR4	2996794	CHR4:2996794	SSF x LoA	-7,90132157	-0,025	0,316
CHR4	3E+07	CHR4:29971283	SSF x LoA	-8,56136308	-0,007	0,311
CHR4	3E+07	CHR4:29973775	SSF x LoA	-10,3189486	-0,081	0,314
CHR4	3E+07	CHR4:29973894	SSF x LoA	-5,72155159	-0,085	0,312

CHR4	3E+07	CHR4:29978371	SSF x LoA	-7,97115216	0,012	0,303
CHR4	2998457	CHR4:2998457	SSF x LoA	-10,1929628	0,087	0,304
CHR4	2998547	CHR4:2998547	SSF x LoA	-11,2617016	0,069	0,293
CHR4	2998575	CHR4:2998575	SSF x LoA	-8,76057598	-0,100	0,305
CHR4	3E+07	CHR4:29988557	SSF x LoA	-7,25564789	0,091	0,314
CHR4	3E+07	CHR4:29988655	SSF x LoA	-9,18478797	-0,043	0,308
CHR4	3E+07	CHR4:29991368	SSF x LoA	-7,96829417	0,035	0,303
CHR4	3E+07	CHR4:29994065	SSF x LoA	-10,86366	0,012	0,300
CHR4	3E+07	CHR4:30001858	SSF x LoA	-8,40070962	-0,071	0,308
CHR4	3E+07	CHR4:30010770	SSF x LoA	-10,5630646	0,054	0,308
CHR4	3E+07	CHR4:30010911	SSF x LoA	-5,14473487	0,160	0,285
CHR4	3E+07	CHR4:30025966	SSF x LoA	-9,98038735	0,014	0,323
CHR4	3E+07	CHR4:30026052	SSF x LoA	-8,37788359	0,049	0,307
CHR4	3E+07	CHR4:30029838	SSF x LoA	-10,1018344	-0,011	0,312
CHR4	3E+07	CHR4:30029864	SSF x LoA	-11,1694177	0,022	0,310
CHR4	3E+07	CHR4:30030001	SSF x LoA	-10,9419634	-0,124	0,279
CHR4	3E+07	CHR4:30030129	SSF x LoA	-11,6867369	0,063	0,303
CHR4	3E+07	CHR4:30034566	SSF x LoA	-7,71159119	0,052	0,317
CHR4	3E+07	CHR4:30034590	SSF x LoA	-10,4698518	0,043	0,305
CHR4	3E+07	CHR4:30034636	SSF x LoA	-7,77314001	0,136	0,316
CHR4	3E+07	CHR4:30034663	SSF x LoA	-10,5822689	-0,060	0,311
CHR4	3E+07	CHR4:30034691	SSF x LoA	-8,78390535	0,014	0,302
CHR4	3E+07	CHR4:30034756	SSF x LoA	-9,02852982	-0,041	0,316
CHR4	3E+07	CHR4:30035813	SSF x LoA	-10,8643484	0,081	0,307
CHR4	3E+07	CHR4:30043473	SSF x LoA	-8,05872895	-0,023	0,305
CHR4	3E+07	CHR4:30043568	SSF x LoA	-8,29073242	-0,055	0,316
CHR4	3E+07	CHR4:30043631	SSF x LoA	-10,1694743	0,059	0,300
CHR4	3E+07	CHR4:30043711	SSF x LoA	-8,13408146	0,105	0,313
CHR4	3E+07	CHR4:30043765	SSF x LoA	-9,93106305	0,085	0,308
CHR4	3E+07	CHR4:30043772	SSF x LoA	-3,55747023	-0,053	0,320
CHR4	3E+07	CHR4:30043816	SSF x LoA	-11,6388672	0,015	0,303
CHR4	3E+07	CHR4:30046259	SSF x LoA	-9,96543536	0,104	0,310
CHR4	3E+07	CHR4:30046435	SSF x LoA	-10,1052065	-0,001	0,309
CHR4	3E+07	CHR4:30046440	SSF x LoA	-10,4964312	-0,002	0,306
CHR4	3E+07	CHR4:30046443	SSF x LoA	-9,96431111	0,000	0,309
CHR4	3E+07	CHR4:30046446	SSF x LoA	-9,58759203	0,026	0,312
CHR4	3E+07	CHR4:30046447	SSF x LoA	-9,8434408	0,034	0,301
CHR4	3E+07	CHR4:30049394	SSF x LoA	-10,5570893	0,059	0,301
CHR4	3E+07	CHR4:30049401	SSF x LoA	-10,820328	-0,064	0,293
CHR4	3E+07	CHR4:30049769	SSF x LoA	-8,32570331	0,086	0,309
CHR4	3E+07	CHR4:30049880	SSF x LoA	-8,79063902	0,046	0,322
CHR4	3E+07	CHR4:30049896	SSF x LoA	-3,99274308	-0,169	0,313
CHR4	3E+07	CHR4:30070622	SSF x LoA	-10,058923	0,059	0,307
CHR4	3E+07	CHR4:30070750	SSF x LoA	-7,08845659	-0,162	0,298
CHR4	3E+07	CHR4:30070753	SSF x LoA	-10,7558883	-0,030	0,308
CHR4	3E+07	CHR4:30070758	SSF x LoA	-9,85992899	-0,038	0,312
CHR4	3008692	CHR4:3008692	SSF x LoA	-10,4062451	-0,047	0,302
CHR4	3008779	CHR4:3008779	SSF x LoA	-11,3371312	0,053	0,300
CHR4	3010142	CHR4:3010142	SSF x LoA	-8,14715559	-0,115	0,321
CHR4	3E+07	CHR4:30101668	SSF x LoA	-7,56985415	-0,099	0,306
CHR4	3E+07	CHR4:30101738	SSF x LoA	-10,1314155	-0,074	0,303
CHR4	3010282	CHR4:3010282	SSF x LoA	-9,41737862	0,077	0,305
CHR4	3E+07	CHR4:30106969	SSF x LoA	-8,14610491	-0,127	0,302

CHR4	3E+07	CHR4:30106970	SSF x LoA	-10,3323924	-0,142	0,288
CHR4	3E+07	CHR4:30107022	SSF x LoA	-4,39934344	0,120	0,304
CHR4	3E+07	CHR4:30107151	SSF x LoA	-3,22160411	-0,175	0,298
CHR4	3E+07	CHR4:30115595	SSF x LoA	-9,39110819	-0,022	0,312
CHR4	3E+07	CHR4:30115670	SSF x LoA	-5,03533665	-0,117	0,306
CHR4	3E+07	CHR4:30115696	SSF x LoA	-9,39660952	-0,057	0,297
CHR4	3E+07	CHR4:30115765	SSF x LoA	-11,1097385	-0,139	0,294
CHR4	3E+07	CHR4:30115767	SSF x LoA	-3,19338098	-0,060	0,296
CHR4	3E+07	CHR4:30121168	SSF x LoA	-1,18121689	0,076	0,293
CHR4	3E+07	CHR4:30121224	SSF x LoA	-9,22491437	-0,033	0,318
CHR4	3E+07	CHR4:30121349	SSF x LoA	-9,75892094	-0,034	0,295
CHR4	3E+07	CHR4:30121400	SSF x LoA	-8,57814065	0,101	0,310
CHR4	3E+07	CHR4:30121406	SSF x LoA	-8,23810636	0,108	0,287
CHR4	3E+07	CHR4:30121414	SSF x LoA	-8,56062146	-0,130	0,292
CHR4	3E+07	CHR4:30121421	SSF x LoA	-8,0867435	0,084	0,317
CHR4	3E+07	CHR4:30121481	SSF x LoA	-10,2847838	0,066	0,284
CHR4	3012204	CHR4:3012204	SSF x LoA	-9,83860658	0,055	0,312
CHR4	3E+07	CHR4:30128379	SSF x LoA	-10,0669819	-0,142	0,314
CHR4	3E+07	CHR4:30129428	SSF x LoA	-10,0680546	0,064	0,308
CHR4	3E+07	CHR4:30129453	SSF x LoA	-8,98579191	-0,066	0,301
CHR4	3E+07	CHR4:30129455	SSF x LoA	-10,414634	-0,042	0,293
CHR4	3E+07	CHR4:30129482	SSF x LoA	-10,0604823	-0,050	0,310
CHR4	3E+07	CHR4:30133394	SSF x LoA	1,94394069	-0,072	0,329
CHR4	3E+07	CHR4:30133410	SSF x LoA	-3,63398034	-0,200	0,302
CHR4	3E+07	CHR4:30133413	SSF x LoA	-5,61308445	-0,201	0,290
CHR4	3E+07	CHR4:30133508	SSF x LoA	-6,64851527	0,177	0,288
CHR4	3E+07	CHR4:30133551	SSF x LoA	-11,2964886	0,065	0,302
CHR4	3E+07	CHR4:30136193	SSF x LoA	-9,17210835	-0,011	0,301
CHR4	3E+07	CHR4:30140113	SSF x LoA	-9,04611215	-0,043	0,321
CHR4	3E+07	CHR4:30140141	SSF x LoA	-5,35010814	0,063	0,312
CHR4	3E+07	CHR4:30140142	SSF x LoA	-9,02988805	-0,084	0,296
CHR4	3E+07	CHR4:30140181	SSF x LoA	-6,96027006	-0,133	0,306
CHR4	3E+07	CHR4:30140187	SSF x LoA	-10,3929713	-0,066	0,311
CHR4	3E+07	CHR4:30140235	SSF x LoA	-8,8455956	-0,043	0,309
CHR4	3E+07	CHR4:30140382	SSF x LoA	-10,3486793	0,019	0,297
CHR4	3E+07	CHR4:30160823	SSF x LoA	-9,31779688	-0,029	0,307
CHR4	3E+07	CHR4:30161255	SSF x LoA	-9,85692721	0,035	0,300
CHR4	3E+07	CHR4:30168830	SSF x LoA	-8,48086665	-0,065	0,299
CHR4	3E+07	CHR4:30168844	SSF x LoA	-9,30677618	-0,025	0,304
CHR4	3E+07	CHR4:30168928	SSF x LoA	-8,4360542	-0,111	0,303
CHR4	3E+07	CHR4:30168930	SSF x LoA	-7,81901662	-0,033	0,303
CHR4	3E+07	CHR4:30168958	SSF x LoA	-10,320408	-0,075	0,302
CHR4	3E+07	CHR4:30168962	SSF x LoA	-9,35099099	-0,074	0,306
CHR4	3E+07	CHR4:30168978	SSF x LoA	-8,60414913	-0,116	0,298
CHR4	3E+07	CHR4:30168998	SSF x LoA	-7,99881691	0,090	0,297
CHR4	3E+07	CHR4:30169009	SSF x LoA	-9,07812914	-0,108	0,300
CHR4	3E+07	CHR4:30169038	SSF x LoA	-11,3760533	0,010	0,298
CHR4	3E+07	CHR4:30169070	SSF x LoA	-10,1665918	-0,007	0,292
CHR4	3E+07	CHR4:30171882	SSF x LoA	-3,04499188	0,190	0,284
CHR4	3E+07	CHR4:30171890	SSF x LoA	-8,14599107	0,028	0,313
CHR4	3E+07	CHR4:30176348	SSF x LoA	-8,0150563	0,039	0,291
CHR4	3E+07	CHR4:30176437	SSF x LoA	-7,76204131	-0,010	0,305
CHR4	3E+07	CHR4:30179470	SSF x LoA	-4,63500382	0,082	0,319

CHR4	3E+07	CHR4:30179472	SSF x LoA	-9,25333224	0,140	0,296
CHR4	3E+07	CHR4:30180902	SSF x LoA	-8,824581	0,108	0,313
CHR4	3E+07	CHR4:30180966	SSF x LoA	-11,4260066	0,004	0,310
CHR4	3E+07	CHR4:30182519	SSF x LoA	-9,61333324	-0,161	0,298
CHR4	3E+07	CHR4:30182522	SSF x LoA	-7,27900713	-0,098	0,312
CHR4	3E+07	CHR4:30182525	SSF x LoA	-4,95932831	-0,136	0,297
CHR4	3E+07	CHR4:30185372	SSF x LoA	-9,13502831	0,032	0,311
CHR4	30191	CHR4:30191	SSF x LoA	-9,64573244	-0,033	0,316
CHR4	3E+07	CHR4:30191645	SSF x LoA	-9,42378189	-0,067	0,308
CHR4	3E+07	CHR4:30195047	SSF x LoA	-10,480154	0,040	0,308
CHR4	3E+07	CHR4:30195122	SSF x LoA	-9,68584665	-0,021	0,308
CHR4	3E+07	CHR4:30195127	SSF x LoA	-9,83603184	-0,002	0,298
CHR4	3E+07	CHR4:30195196	SSF x LoA	-8,98769828	0,102	0,310
CHR4	3E+07	CHR4:30195205	SSF x LoA	-8,72711499	0,075	0,292
CHR4	3E+07	CHR4:30195208	SSF x LoA	-9,97210001	0,067	0,309
CHR4	3E+07	CHR4:30195252	SSF x LoA	-8,85209343	-0,020	0,315
CHR4	3E+07	CHR4:30220054	SSF x LoA	-9,73467725	0,118	0,305
CHR4	3E+07	CHR4:30224211	SSF x LoA	-7,05669116	-0,150	0,299
CHR4	3E+07	CHR4:30224240	SSF x LoA	-11,5655717	0,025	0,309
CHR4	3E+07	CHR4:30224268	SSF x LoA	6,61224345	-0,117	0,311
CHR4	3E+07	CHR4:30224298	SSF x LoA	-11,1050298	-0,006	0,305
CHR4	3022595	CHR4:3022595	SSF x LoA	-9,5476759	-0,055	0,299
CHR4	3022694	CHR4:3022694	SSF x LoA	-7,90764962	-0,057	0,298
CHR4	3022703	CHR4:3022703	SSF x LoA	-6,44156335	-0,019	0,288
CHR4	3E+07	CHR4:30228949	SSF x LoA	-10,0480875	0,013	0,323
CHR4	3E+07	CHR4:30231170	SSF x LoA	-10,2990704	-0,052	0,290
CHR4	3E+07	CHR4:30231246	SSF x LoA	-1,56913436	0,161	0,301
CHR4	3E+07	CHR4:30231288	SSF x LoA	-7,62088396	0,008	0,320
CHR4	3E+07	CHR4:30231321	SSF x LoA	-9,60103872	-0,105	0,295
CHR4	3E+07	CHR4:30231354	SSF x LoA	-8,9133732	-0,116	0,304
CHR4	30239	CHR4:30239	SSF x LoA	-3,24906365	0,096	0,304
CHR4	3E+07	CHR4:30258200	SSF x LoA	-10,7879507	-0,037	0,305
CHR4	3E+07	CHR4:30258300	SSF x LoA	-7,56970906	0,130	0,309
CHR4	3E+07	CHR4:30258352	SSF x LoA	-7,69576325	-0,025	0,300
CHR4	3E+07	CHR4:30258400	SSF x LoA	-9,96171849	0,054	0,304
CHR4	3E+07	CHR4:30269027	SSF x LoA	-9,53987636	0,004	0,319
CHR4	3E+07	CHR4:30278739	SSF x LoA	-9,7670066	0,072	0,305
CHR4	3E+07	CHR4:30279760	SSF x LoA	-6,27181257	-0,167	0,285
CHR4	3E+07	CHR4:30285528	SSF x LoA	-10,2094489	-0,107	0,295
CHR4	3E+07	CHR4:30285611	SSF x LoA	-6,25414164	-0,184	0,293
CHR4	3E+07	CHR4:30298100	SSF x LoA	-7,88542101	-0,012	0,306
CHR4	3E+07	CHR4:30298125	SSF x LoA	-8,95454587	-0,079	0,309
CHR4	3E+07	CHR4:30298242	SSF x LoA	-10,9704431	0,015	0,309
CHR4	3E+07	CHR4:30298251	SSF x LoA	-11,7735247	0,027	0,307
CHR4	3E+07	CHR4:30298277	SSF x LoA	-6,78958808	0,050	0,306
CHR4	3E+07	CHR4:30300408	SSF x LoA	-9,73970843	0,045	0,314
CHR4	3E+07	CHR4:30300409	SSF x LoA	-9,84011234	0,056	0,317
CHR4	3E+07	CHR4:30302705	SSF x LoA	-10,9956694	0,012	0,311
CHR4	3E+07	CHR4:30302710	SSF x LoA	-11,5012985	-0,036	0,301
CHR4	3E+07	CHR4:30303761	SSF x LoA	-6,11682196	-0,017	0,313
CHR4	3E+07	CHR4:30303806	SSF x LoA	-12,0481704	0,036	0,303
CHR4	3E+07	CHR4:30303843	SSF x LoA	-7,09247679	0,086	0,304
CHR4	3E+07	CHR4:30303856	SSF x LoA	-10,4723945	-0,005	0,300

CHR4	3E+07	CHR4:30303864	SSF x LoA	-9,20681546	0,116	0,296
CHR4	3E+07	CHR4:30303904	SSF x LoA	-9,44711221	-0,020	0,315
CHR4	3E+07	CHR4:30303930	SSF x LoA	-11,8928879	0,064	0,293
CHR4	3E+07	CHR4:30303932	SSF x LoA	-11,0167891	-0,006	0,309
CHR4	3E+07	CHR4:30311209	SSF x LoA	-8,03104055	-0,068	0,300
CHR4	3E+07	CHR4:30315737	SSF x LoA	-8,72611081	-0,056	0,303
CHR4	3E+07	CHR4:30315760	SSF x LoA	-9,25825339	-0,014	0,314
CHR4	3E+07	CHR4:30315777	SSF x LoA	-9,0857996	-0,008	0,312
CHR4	3E+07	CHR4:30315800	SSF x LoA	-9,91544651	-0,001	0,304
CHR4	3E+07	CHR4:30315853	SSF x LoA	-11,4139131	-0,058	0,294
CHR4	3E+07	CHR4:30315854	SSF x LoA	-7,06325927	-0,011	0,312
CHR4	3E+07	CHR4:30315864	SSF x LoA	-10,1850945	-0,126	0,300
CHR4	3E+07	CHR4:30315875	SSF x LoA	-9,66070051	-0,022	0,309
CHR4	3E+07	CHR4:30315907	SSF x LoA	-10,3190537	0,108	0,308
CHR4	3E+07	CHR4:30315980	SSF x LoA	-7,07981165	-0,140	0,294
CHR4	3E+07	CHR4:30318898	SSF x LoA	-9,17090037	-0,054	0,303
CHR4	3E+07	CHR4:30318907	SSF x LoA	1,02864077	0,183	0,286
CHR4	3E+07	CHR4:30318934	SSF x LoA	-7,28192124	-0,089	0,295
CHR4	3E+07	CHR4:30318949	SSF x LoA	-8,13300519	0,169	0,281
CHR4	3E+07	CHR4:30330409	SSF x LoA	-10,7181521	-0,055	0,315
CHR4	3E+07	CHR4:30330470	SSF x LoA	-10,3804034	-0,085	0,308
CHR4	3E+07	CHR4:30330491	SSF x LoA	-9,56436122	-0,151	0,300
CHR4	3E+07	CHR4:30330504	SSF x LoA	-8,30499725	-0,092	0,321
CHR4	3E+07	CHR4:30335041	SSF x LoA	-8,74469322	-0,027	0,331
CHR4	3E+07	CHR4:30341195	SSF x LoA	-10,900011	0,083	0,307
CHR4	3E+07	CHR4:30341221	SSF x LoA	-7,53590263	-0,044	0,313
CHR4	3E+07	CHR4:30341273	SSF x LoA	-11,3588223	-0,036	0,310
CHR4	3E+07	CHR4:30341306	SSF x LoA	-6,16555194	0,092	0,307
CHR4	3E+07	CHR4:30341332	SSF x LoA	-10,9901671	-0,042	0,315
CHR4	3E+07	CHR4:30351016	SSF x LoA	-10,2011862	-0,062	0,306
CHR4	3E+07	CHR4:30351019	SSF x LoA	-3,31524664	0,054	0,303
CHR4	3E+07	CHR4:30354912	SSF x LoA	-7,98421807	-0,034	0,310
CHR4	3E+07	CHR4:30354996	SSF x LoA	-9,22196191	0,081	0,298
CHR4	3E+07	CHR4:30355098	SSF x LoA	-10,082059	0,033	0,302
CHR4	3E+07	CHR4:30355099	SSF x LoA	-8,68502603	0,070	0,294
CHR4	3E+07	CHR4:30355116	SSF x LoA	-7,38256973	0,087	0,308
CHR4	3E+07	CHR4:30355126	SSF x LoA	-9,47909408	-0,078	0,309
CHR4	3E+07	CHR4:30355172	SSF x LoA	-8,44419377	0,100	0,312
CHR4	3E+07	CHR4:30355234	SSF x LoA	-10,3662756	0,019	0,315
CHR4	3036022	CHR4:3036022	SSF x LoA	-7,91168557	0,004	0,323
CHR4	3E+07	CHR4:30360264	SSF x LoA	-7,76214777	-0,118	0,310
CHR4	3036392	CHR4:3036392	SSF x LoA	-9,74986563	-0,035	0,309
CHR4	3E+07	CHR4:30378997	SSF x LoA	-9,58042656	0,096	0,307
CHR4	3E+07	CHR4:30379039	SSF x LoA	-3,38672142	-0,035	0,323
CHR4	3E+07	CHR4:30379062	SSF x LoA	-7,54366619	0,108	0,314
CHR4	3E+07	CHR4:30379717	SSF x LoA	-11,9016093	0,021	0,309
CHR4	3040198	CHR4:3040198	SSF x LoA	-10,407957	-0,053	0,303
CHR4	3040207	CHR4:3040207	SSF x LoA	-11,3973569	0,094	0,296
CHR4	3040225	CHR4:3040225	SSF x LoA	-9,20284634	-0,046	0,311
CHR4	3E+07	CHR4:30402319	SSF x LoA	-6,77245514	-0,035	0,302
CHR4	3040257	CHR4:3040257	SSF x LoA	-10,4599966	-0,127	0,301
CHR4	3040281	CHR4:3040281	SSF x LoA	-9,71864747	-0,005	0,320
CHR4	3041102	CHR4:3041102	SSF x LoA	-11,0094439	-0,039	0,318

CHR4	3E+07	CHR4:30416521	SSF x LoA	-8,561715	0,107	0,309
CHR4	3E+07	CHR4:30420001	SSF x LoA	-2,52239322	0,114	0,304
CHR4	3E+07	CHR4:30420112	SSF x LoA	-5,39557622	-0,173	0,306
CHR4	3E+07	CHR4:30421500	SSF x LoA	-9,58058194	0,105	0,308
CHR4	3E+07	CHR4:30436977	SSF x LoA	-12,4911255	-0,032	0,278
CHR4	3E+07	CHR4:30437069	SSF x LoA	-6,47024317	-0,064	0,316
CHR4	3E+07	CHR4:30437133	SSF x LoA	-9,53706627	0,046	0,316
CHR4	3E+07	CHR4:30442107	SSF x LoA	-9,55797276	0,019	0,308
CHR4	3E+07	CHR4:30442401	SSF x LoA	-8,69718042	0,009	0,307
CHR4	3E+07	CHR4:30442593	SSF x LoA	-6,97598358	0,083	0,307
CHR4	3E+07	CHR4:30442599	SSF x LoA	-8,63161274	0,037	0,307
CHR4	3E+07	CHR4:30442603	SSF x LoA	-5,14792508	-0,001	0,320
CHR4	3E+07	CHR4:30449820	SSF x LoA	-9,09269407	-0,083	0,307
CHR4	3E+07	CHR4:30452869	SSF x LoA	-9,13542943	0,017	0,293
CHR4	3E+07	CHR4:30452923	SSF x LoA	-8,47121648	-0,069	0,305
CHR4	3E+07	CHR4:30452924	SSF x LoA	-8,04447912	0,024	0,291
CHR4	3E+07	CHR4:30453880	SSF x LoA	-8,31121041	-0,010	0,298
CHR4	3E+07	CHR4:30453952	SSF x LoA	-7,69154196	0,126	0,305
CHR4	3E+07	CHR4:30464561	SSF x LoA	-7,72880906	0,021	0,317
CHR4	3E+07	CHR4:30465887	SSF x LoA	-10,7440118	-0,089	0,301
CHR4	3E+07	CHR4:30467529	SSF x LoA	-10,1627135	0,072	0,296
CHR4	3E+07	CHR4:30467611	SSF x LoA	-9,51644376	-0,009	0,307
CHR4	3E+07	CHR4:30467643	SSF x LoA	-9,48119561	-0,059	0,307
CHR4	3E+07	CHR4:30467677	SSF x LoA	-9,32018538	0,039	0,294
CHR4	3047375	CHR4:3047375	SSF x LoA	-10,49207	0,058	0,307
CHR4	3047406	CHR4:3047406	SSF x LoA	-10,9225088	0,094	0,307
CHR4	3E+07	CHR4:30482989	SSF x LoA	-10,4994627	0,006	0,309
CHR4	3E+07	CHR4:30483574	SSF x LoA	-8,98300445	-0,048	0,307
CHR4	3E+07	CHR4:30483587	SSF x LoA	-10,3996068	-0,001	0,312
CHR4	3E+07	CHR4:30483605	SSF x LoA	-8,66878602	0,146	0,301
CHR4	3E+07	CHR4:30483640	SSF x LoA	-6,79088686	-0,168	0,313
CHR4	3E+07	CHR4:30485292	SSF x LoA	-11,6482357	0,038	0,309
CHR4	3E+07	CHR4:30485357	SSF x LoA	-9,27634624	0,002	0,303
CHR4	3E+07	CHR4:30485358	SSF x LoA	-6,42238883	-0,081	0,311
CHR4	3E+07	CHR4:30485404	SSF x LoA	-10,3475879	-0,007	0,310
CHR4	3E+07	CHR4:30486857	SSF x LoA	-10,3390721	0,018	0,304
CHR4	3E+07	CHR4:30486903	SSF x LoA	-9,39446265	-0,053	0,303
CHR4	3E+07	CHR4:30493940	SSF x LoA	-8,5852314	-0,008	0,312
CHR4	3E+07	CHR4:30493961	SSF x LoA	-9,92503137	-0,051	0,300
CHR4	3E+07	CHR4:30493989	SSF x LoA	-8,86862166	-0,001	0,307
CHR4	3E+07	CHR4:30494056	SSF x LoA	-7,60431517	0,104	0,303
CHR4	3050848	CHR4:3050848	SSF x LoA	-8,57213251	0,108	0,310
CHR4	3050851	CHR4:3050851	SSF x LoA	-9,25007543	0,044	0,312
CHR4	3050881	CHR4:3050881	SSF x LoA	-9,17514338	0,096	0,302
CHR4	30513105	CHR4:30513105	SSF x LoA	-6,44769102	-0,027	0,313
CHR4	30516434	CHR4:30516434	SSF x LoA	-3,73268966	-0,150	0,299
CHR4	30516452	CHR4:30516452	SSF x LoA	-5,95579825	0,117	0,301
CHR4	30516505	CHR4:30516505	SSF x LoA	-9,12698984	-0,008	0,303
CHR4	30516511	CHR4:30516511	SSF x LoA	-10,6460978	-0,052	0,293
CHR4	30516541	CHR4:30516541	SSF x LoA	-11,5039673	-0,037	0,307
CHR4	30516564	CHR4:30516564	SSF x LoA	-10,5539043	-0,055	0,303
CHR4	30522218	CHR4:30522218	SSF x LoA	-10,3849626	-0,095	0,304
CHR4	30523217	CHR4:30523217	SSF x LoA	-7,15685881	0,077	0,301

CHR4	30523282	CHR4:30523282	SSF x LoA	-7,93995705	0,056	0,288
CHR4	30525578	CHR4:30525578	SSF x LoA	-8,84526227	0,033	0,297
CHR4	3052978	CHR4:3052978	SSF x LoA	-7,81469256	0,177	0,300
CHR4	3052979	CHR4:3052979	SSF x LoA	-2,72480398	0,178	0,303
CHR4	30530356	CHR4:30530356	SSF x LoA	-9,4408838	-0,081	0,299
CHR4	30530369	CHR4:30530369	SSF x LoA	-11,9859092	-0,087	0,301
CHR4	30530375	CHR4:30530375	SSF x LoA	-8,15682607	0,122	0,301
CHR4	30530376	CHR4:30530376	SSF x LoA	-12,3450868	-0,060	0,286
CHR4	30530428	CHR4:30530428	SSF x LoA	-10,5016358	-0,049	0,309
CHR4	30538454	CHR4:30538454	SSF x LoA	-10,231101	0,096	0,313
CHR4	30538528	CHR4:30538528	SSF x LoA	-8,82192849	-0,022	0,305
CHR4	30556973	CHR4:30556973	SSF x LoA	-8,49366813	0,084	0,303
CHR4	30557165	CHR4:30557165	SSF x LoA	-10,9022618	-0,075	0,285
CHR4	30557166	CHR4:30557166	SSF x LoA	-10,4277722	-0,050	0,296
CHR4	30557209	CHR4:30557209	SSF x LoA	-9,9501096	0,055	0,300
CHR4	30561204	CHR4:30561204	SSF x LoA	-9,16029822	-0,134	0,279
CHR4	30561242	CHR4:30561242	SSF x LoA	-10,4444517	0,051	0,321
CHR4	30577223	CHR4:30577223	SSF x LoA	-10,3411589	0,030	0,303
CHR4	30577243	CHR4:30577243	SSF x LoA	-6,35850851	0,068	0,324
CHR4	30577249	CHR4:30577249	SSF x LoA	-10,8393734	0,016	0,311
CHR4	30577401	CHR4:30577401	SSF x LoA	-0,58789908	0,081	0,298
CHR4	30577442	CHR4:30577442	SSF x LoA	-4,0583748	-0,091	0,309
CHR4	30577474	CHR4:30577474	SSF x LoA	-10,0258451	0,014	0,308
CHR4	3058306	CHR4:3058306	SSF x LoA	-4,40299585	0,211	0,288
CHR4	3058332	CHR4:3058332	SSF x LoA	-8,5549294	-0,122	0,294
CHR4	30586947	CHR4:30586947	SSF x LoA	-8,17839024	-0,055	0,310
CHR4	30586995	CHR4:30586995	SSF x LoA	-9,16053567	-0,052	0,306
CHR4	30589724	CHR4:30589724	SSF x LoA	-7,6782423	0,103	0,298
CHR4	30589746	CHR4:30589746	SSF x LoA	-6,87396291	0,143	0,303
CHR4	30589757	CHR4:30589757	SSF x LoA	-10,5599679	-0,008	0,310
CHR4	30589994	CHR4:30589994	SSF x LoA	-8,06693934	0,026	0,316
CHR4	30598715	CHR4:30598715	SSF x LoA	-7,50812019	0,105	0,301
CHR4	30598750	CHR4:30598750	SSF x LoA	-4,32057906	0,104	0,309
CHR4	30617046	CHR4:30617046	SSF x LoA	-7,64673945	0,067	0,302
CHR4	30617105	CHR4:30617105	SSF x LoA	-9,66530852	-0,024	0,291
CHR4	30617116	CHR4:30617116	SSF x LoA	-9,06818042	-0,116	0,305
CHR4	30617130	CHR4:30617130	SSF x LoA	-9,27611137	0,014	0,317
CHR4	30617172	CHR4:30617172	SSF x LoA	-11,7444979	-0,044	0,291
CHR4	30617226	CHR4:30617226	SSF x LoA	-9,24944386	0,033	0,318
CHR4	30619337	CHR4:30619337	SSF x LoA	-9,2503578	0,062	0,311
CHR4	30619340	CHR4:30619340	SSF x LoA	-10,2266403	-0,019	0,309
CHR4	30619415	CHR4:30619415	SSF x LoA	-5,26899938	-0,048	0,301
CHR4	30619430	CHR4:30619430	SSF x LoA	-9,13391822	0,022	0,309
CHR4	30619494	CHR4:30619494	SSF x LoA	-9,32660616	-0,050	0,310
CHR4	30619499	CHR4:30619499	SSF x LoA	-10,4008938	-0,012	0,308
CHR4	30619538	CHR4:30619538	SSF x LoA	-6,84078646	-0,103	0,305
CHR4	30622219	CHR4:30622219	SSF x LoA	-11,9003136	0,024	0,299
CHR4	30622328	CHR4:30622328	SSF x LoA	-9,73010699	-0,046	0,295
CHR4	30622441	CHR4:30622441	SSF x LoA	-10,7032547	-0,045	0,307
CHR4	30622450	CHR4:30622450	SSF x LoA	-7,95911468	0,067	0,321
CHR4	30625501	CHR4:30625501	SSF x LoA	-11,3620128	-0,051	0,304
CHR4	30625507	CHR4:30625507	SSF x LoA	-10,4323749	-0,130	0,296
CHR4	30625560	CHR4:30625560	SSF x LoA	-9,85831541	-0,030	0,323

CHR4	30629425	CHR4:30629425	SSF x LoA	-8,98550751	0,007	0,309
CHR4	30629456	CHR4:30629456	SSF x LoA	-7,25648571	0,200	0,296
CHR4	30629688	CHR4:30629688	SSF x LoA	-11,2622655	0,077	0,308
CHR4	30635403	CHR4:30635403	SSF x LoA	-6,40985396	-0,058	0,320
CHR4	30635631	CHR4:30635631	SSF x LoA	-11,3104114	-0,014	0,307
CHR4	30635633	CHR4:30635633	SSF x LoA	-10,90016	-0,041	0,311
CHR4	30635675	CHR4:30635675	SSF x LoA	-9,24427629	-0,107	0,316
CHR4	30637653	CHR4:30637653	SSF x LoA	-7,80755868	-0,085	0,298
CHR4	30650141	CHR4:30650141	SSF x LoA	-11,6432774	0,069	0,312
CHR4	30650158	CHR4:30650158	SSF x LoA	-6,51184352	0,218	0,294
CHR4	30650440	CHR4:30650440	SSF x LoA	-3,12326755	0,175	0,294
CHR4	306726	CHR4:306726	SSF x LoA	-8,41405628	0,165	0,298
CHR4	30676125	CHR4:30676125	SSF x LoA	-11,5683262	-0,101	0,289
CHR4	30676180	CHR4:30676180	SSF x LoA	-10,2873994	-0,114	0,293
CHR4	30680216	CHR4:30680216	SSF x LoA	0,16454483	0,038	0,299
CHR4	30685431	CHR4:30685431	SSF x LoA	-9,49577566	-0,016	0,318
CHR4	30686870	CHR4:30686870	SSF x LoA	-12,3117109	-0,023	0,302
CHR4	30687095	CHR4:30687095	SSF x LoA	-10,4615237	-0,032	0,301
CHR4	30689101	CHR4:30689101	SSF x LoA	-9,59914252	-0,040	0,301
CHR4	30697266	CHR4:30697266	SSF x LoA	-10,5250672	-0,032	0,309
CHR4	30697340	CHR4:30697340	SSF x LoA	-10,8067168	0,090	0,303
CHR4	30697468	CHR4:30697468	SSF x LoA	-12,1807666	0,079	0,300
CHR4	30701743	CHR4:30701743	SSF x LoA	-6,78378013	0,175	0,300
CHR4	30701750	CHR4:30701750	SSF x LoA	-8,73658349	-0,075	0,304
CHR4	30701846	CHR4:30701846	SSF x LoA	-8,50671242	0,011	0,307
CHR4	30703347	CHR4:30703347	SSF x LoA	-9,43838751	-0,147	0,299
CHR4	30703353	CHR4:30703353	SSF x LoA	-8,4852653	0,014	0,309
CHR4	30703643	CHR4:30703643	SSF x LoA	-10,5076695	-0,011	0,312
CHR4	30707993	CHR4:30707993	SSF x LoA	-8,80519193	0,007	0,310
CHR4	30708050	CHR4:30708050	SSF x LoA	-3,19211328	0,144	0,316
CHR4	30712238	CHR4:30712238	SSF x LoA	-10,0250879	-0,006	0,306
CHR4	30712268	CHR4:30712268	SSF x LoA	-5,97135977	0,162	0,296
CHR4	30712291	CHR4:30712291	SSF x LoA	-7,92055891	-0,052	0,318
CHR4	30712331	CHR4:30712331	SSF x LoA	-11,9120485	0,016	0,296
CHR4	30712340	CHR4:30712340	SSF x LoA	-8,58763007	0,041	0,319
CHR4	30712380	CHR4:30712380	SSF x LoA	-10,0381646	0,051	0,287
CHR4	30712397	CHR4:30712397	SSF x LoA	-8,90934336	0,009	0,318
CHR4	30712483	CHR4:30712483	SSF x LoA	-7,71186853	-0,035	0,322
CHR4	30715876	CHR4:30715876	SSF x LoA	-5,77952449	-0,159	0,310
CHR4	30716035	CHR4:30716035	SSF x LoA	-7,31303279	-0,001	0,310
CHR4	30720465	CHR4:30720465	SSF x LoA	-8,6376361	0,064	0,305
CHR4	30720500	CHR4:30720500	SSF x LoA	-11,2522437	-0,097	0,297
CHR4	30729463	CHR4:30729463	SSF x LoA	-7,4210968	-0,029	0,308
CHR4	30729479	CHR4:30729479	SSF x LoA	-7,99283211	0,158	0,299
CHR4	30729516	CHR4:30729516	SSF x LoA	-9,24232585	0,051	0,309
CHR4	30729533	CHR4:30729533	SSF x LoA	-6,64748122	0,159	0,306
CHR4	30729570	CHR4:30729570	SSF x LoA	-8,97365195	0,006	0,311
CHR4	30729623	CHR4:30729623	SSF x LoA	-7,48752489	0,085	0,307
CHR4	30729731	CHR4:30729731	SSF x LoA	-11,931095	0,039	0,308
CHR4	30732738	CHR4:30732738	SSF x LoA	-11,2268027	0,019	0,316
CHR4	30733117	CHR4:30733117	SSF x LoA	-10,1140865	0,003	0,312
CHR4	30740560	CHR4:30740560	SSF x LoA	-10,4327737	0,006	0,313
CHR4	30740626	CHR4:30740626	SSF x LoA	-9,3363606	-0,044	0,312

CHR4	30747619	CHR4:30747619	SSF x LoA	-9,4584585	-0,023	0,299
CHR4	30747630	CHR4:30747630	SSF x LoA	-9,73843336	0,071	0,312
CHR4	30747683	CHR4:30747683	SSF x LoA	-9,3863124	-0,074	0,312
CHR4	30747697	CHR4:30747697	SSF x LoA	-7,42395365	-0,084	0,313
CHR4	30749569	CHR4:30749569	SSF x LoA	-11,701703	0,054	0,300
CHR4	30749601	CHR4:30749601	SSF x LoA	-8,71078392	-0,101	0,300
CHR4	30749631	CHR4:30749631	SSF x LoA	-10,5542882	-0,001	0,305
CHR4	30750675	CHR4:30750675	SSF x LoA	-9,14418399	0,039	0,314
CHR4	30750734	CHR4:30750734	SSF x LoA	-7,91020857	0,105	0,293
CHR4	30758868	CHR4:30758868	SSF x LoA	-8,82149744	0,061	0,302
CHR4	30768511	CHR4:30768511	SSF x LoA	-9,56457528	0,087	0,299
CHR4	30768596	CHR4:30768596	SSF x LoA	-9,55479759	-0,057	0,316
CHR4	30771086	CHR4:30771086	SSF x LoA	-9,6707689	-0,091	0,309
CHR4	30775464	CHR4:30775464	SSF x LoA	-9,23136128	-0,112	0,292
CHR4	30775474	CHR4:30775474	SSF x LoA	-9,08690584	-0,039	0,299
CHR4	30775609	CHR4:30775609	SSF x LoA	-10,0566908	0,033	0,319
CHR4	30776723	CHR4:30776723	SSF x LoA	-9,0332662	-0,005	0,302
CHR4	30778611	CHR4:30778611	SSF x LoA	-8,97713957	0,176	0,299
CHR4	30778696	CHR4:30778696	SSF x LoA	-4,95773416	0,164	0,298
CHR4	30779099	CHR4:30779099	SSF x LoA	-9,64290174	0,060	0,308
CHR4	30782204	CHR4:30782204	SSF x LoA	-8,08146662	-0,154	0,289
CHR4	30795530	CHR4:30795530	SSF x LoA	-9,8095444	-0,037	0,307
CHR4	30796139	CHR4:30796139	SSF x LoA	-8,63733389	0,066	0,311
CHR4	30797045	CHR4:30797045	SSF x LoA	-9,9750781	-0,014	0,311
CHR4	30808507	CHR4:30808507	SSF x LoA	-5,49437425	0,095	0,305
CHR4	30821735	CHR4:30821735	SSF x LoA	-4,11527727	-0,044	0,298
CHR4	30821841	CHR4:30821841	SSF x LoA	-9,14560939	0,055	0,309
CHR4	30821896	CHR4:30821896	SSF x LoA	-8,40147362	0,100	0,310
CHR4	30821899	CHR4:30821899	SSF x LoA	-4,92172462	0,106	0,310
CHR4	30826170	CHR4:30826170	SSF x LoA	-8,13917858	-0,121	0,311
CHR4	30834633	CHR4:30834633	SSF x LoA	-8,69160414	0,035	0,311
CHR4	30834642	CHR4:30834642	SSF x LoA	-11,2619302	0,051	0,293
CHR4	30834696	CHR4:30834696	SSF x LoA	-8,73659316	-0,029	0,303
CHR4	30835452	CHR4:30835452	SSF x LoA	-8,91503721	0,022	0,303
CHR4	30840047	CHR4:30840047	SSF x LoA	-8,13054342	0,059	0,309
CHR4	30840572	CHR4:30840572	SSF x LoA	-9,6110146	0,002	0,316
CHR4	30840592	CHR4:30840592	SSF x LoA	-10,7230891	-0,036	0,301
CHR4	30845548	CHR4:30845548	SSF x LoA	-10,1744714	-0,019	0,310
CHR4	30865425	CHR4:30865425	SSF x LoA	-11,4518563	-0,003	0,299
CHR4	30871128	CHR4:30871128	SSF x LoA	-10,0234343	0,012	0,303
CHR4	30881332	CHR4:30881332	SSF x LoA	-9,95436078	0,000	0,299
CHR4	30881460	CHR4:30881460	SSF x LoA	-7,8589281	0,103	0,309
CHR4	30881555	CHR4:30881555	SSF x LoA	-10,6417996	-0,105	0,306
CHR4	30884794	CHR4:30884794	SSF x LoA	-8,76552004	0,006	0,314
CHR4	30884796	CHR4:30884796	SSF x LoA	-10,4049337	0,019	0,290
CHR4	30884804	CHR4:30884804	SSF x LoA	-11,0120999	-0,045	0,300
CHR4	30885054	CHR4:30885054	SSF x LoA	-10,4728419	-0,008	0,309
CHR4	30885057	CHR4:30885057	SSF x LoA	-9,10696141	0,047	0,309
CHR4	30887151	CHR4:30887151	SSF x LoA	-8,29517686	0,033	0,311
CHR4	30887633	CHR4:30887633	SSF x LoA	-7,54946368	-0,147	0,308
CHR4	30887709	CHR4:30887709	SSF x LoA	-10,9092802	-0,021	0,307
CHR4	30889191	CHR4:30889191	SSF x LoA	-9,00991392	0,072	0,314
CHR4	30889231	CHR4:30889231	SSF x LoA	-9,87154522	0,068	0,318

CHR4	30889253	CHR4:30889253	SSF x LoA	-9,41025378	0,014	0,304
CHR4	30890541	CHR4:30890541	SSF x LoA	-5,81358377	0,157	0,309
CHR4	30898289	CHR4:30898289	SSF x LoA	-8,37104875	-0,020	0,316
CHR4	30898465	CHR4:30898465	SSF x LoA	-8,09976719	0,066	0,313
CHR4	30909128	CHR4:30909128	SSF x LoA	-7,34564974	-0,105	0,321
CHR4	30909168	CHR4:30909168	SSF x LoA	-9,93576814	-0,048	0,300
CHR4	30909190	CHR4:30909190	SSF x LoA	-11,7995804	0,002	0,299
CHR4	30916514	CHR4:30916514	SSF x LoA	-4,55049863	0,170	0,305
CHR4	30916560	CHR4:30916560	SSF x LoA	-9,85277498	-0,072	0,306
CHR4	30917162	CHR4:30917162	SSF x LoA	-8,62214809	-0,031	0,310
CHR4	30917185	CHR4:30917185	SSF x LoA	-9,58358878	-0,174	0,288
CHR4	30926855	CHR4:30926855	SSF x LoA	-10,653011	0,069	0,292
CHR4	30926877	CHR4:30926877	SSF x LoA	-8,49232814	0,085	0,295
CHR4	30926953	CHR4:30926953	SSF x LoA	-5,59442146	0,031	0,312
CHR4	30926994	CHR4:30926994	SSF x LoA	-11,0855895	0,013	0,298
CHR4	30927031	CHR4:30927031	SSF x LoA	-10,6327891	-0,016	0,307
CHR4	30932882	CHR4:30932882	SSF x LoA	-9,90778336	0,012	0,302
CHR4	30932920	CHR4:30932920	SSF x LoA	-9,25470524	-0,048	0,299
CHR4	30932922	CHR4:30932922	SSF x LoA	-9,21990591	-0,056	0,306
CHR4	30932935	CHR4:30932935	SSF x LoA	-6,98704784	-0,102	0,311
CHR4	30933017	CHR4:30933017	SSF x LoA	-10,4828355	0,001	0,289
CHR4	30933507	CHR4:30933507	SSF x LoA	-5,81969656	0,200	0,326
CHR4	30937627	CHR4:30937627	SSF x LoA	-8,22310814	-0,045	0,310
CHR4	30937678	CHR4:30937678	SSF x LoA	-8,159685	-0,181	0,294
CHR4	30937685	CHR4:30937685	SSF x LoA	-8,3289881	-0,086	0,296
CHR4	30937725	CHR4:30937725	SSF x LoA	-10,3938423	-0,042	0,308
CHR4	30937740	CHR4:30937740	SSF x LoA	-9,61688019	0,049	0,319
CHR4	30937894	CHR4:30937894	SSF x LoA	-11,7865097	-0,065	0,298
CHR4	30937953	CHR4:30937953	SSF x LoA	-6,36409731	-0,047	0,307
CHR4	30937966	CHR4:30937966	SSF x LoA	-8,52205379	-0,084	0,312
CHR4	30937969	CHR4:30937969	SSF x LoA	-7,49260897	-0,085	0,315
CHR4	30946538	CHR4:30946538	SSF x LoA	-11,4248999	-0,036	0,310
CHR4	30946554	CHR4:30946554	SSF x LoA	-10,115777	-0,067	0,300
CHR4	30946571	CHR4:30946571	SSF x LoA	-8,35320054	0,008	0,307
CHR4	30946583	CHR4:30946583	SSF x LoA	-9,32014844	0,017	0,301
CHR4	30946598	CHR4:30946598	SSF x LoA	-9,23344388	-0,029	0,303
CHR4	30956878	CHR4:30956878	SSF x LoA	-10,4795139	0,125	0,284
CHR4	30957691	CHR4:30957691	SSF x LoA	-8,3939411	-0,013	0,306
CHR4	30957777	CHR4:30957777	SSF x LoA	-8,73367501	-0,017	0,299
CHR4	30960442	CHR4:30960442	SSF x LoA	-11,2130272	0,041	0,309
CHR4	30960462	CHR4:30960462	SSF x LoA	-9,81484601	0,052	0,301
CHR4	30960636	CHR4:30960636	SSF x LoA	-10,529994	0,047	0,309
CHR4	30961868	CHR4:30961868	SSF x LoA	-9,7234421	-0,101	0,303
CHR4	30961899	CHR4:30961899	SSF x LoA	-9,45028385	0,033	0,295
CHR4	30961909	CHR4:30961909	SSF x LoA	-10,9280214	-0,065	0,313
CHR4	30961929	CHR4:30961929	SSF x LoA	-2,89238251	0,173	0,289
CHR4	30961931	CHR4:30961931	SSF x LoA	-5,10168469	0,191	0,287
CHR4	30967027	CHR4:30967027	SSF x LoA	-11,0057708	-0,081	0,297
CHR4	30967094	CHR4:30967094	SSF x LoA	-9,77007754	0,018	0,312
CHR4	30967120	CHR4:30967120	SSF x LoA	-10,0993958	0,152	0,291
CHR4	30967140	CHR4:30967140	SSF x LoA	-6,24881972	-0,091	0,317
CHR4	30967147	CHR4:30967147	SSF x LoA	-8,08647741	-0,141	0,309
CHR4	30967149	CHR4:30967149	SSF x LoA	-9,87683153	-0,093	0,320

CHR4	30967227	CHR4:30967227	SSF x LoA	-9,29122805	0,080	0,311
CHR4	30967248	CHR4:30967248	SSF x LoA	-8,61487352	-0,003	0,316
CHR4	30978341	CHR4:30978341	SSF x LoA	-8,60189058	0,055	0,308
CHR4	30978402	CHR4:30978402	SSF x LoA	-10,2608639	0,072	0,300
CHR4	30978956	CHR4:30978956	SSF x LoA	-7,90872672	0,064	0,307
CHR4	30981352	CHR4:30981352	SSF x LoA	-4,87582954	0,198	0,294
CHR4	30981409	CHR4:30981409	SSF x LoA	-7,1121843	-0,140	0,308
CHR4	30984786	CHR4:30984786	SSF x LoA	-11,9582839	-0,001	0,306
CHR4	30984794	CHR4:30984794	SSF x LoA	-11,2242911	-0,019	0,308
CHR4	30984869	CHR4:30984869	SSF x LoA	-7,98645476	0,042	0,313
CHR4	30984904	CHR4:30984904	SSF x LoA	-7,67344492	-0,086	0,315
CHR4	30984950	CHR4:30984950	SSF x LoA	-10,7350546	-0,070	0,306
CHR4	30990910	CHR4:30990910	SSF x LoA	-8,11799382	-0,153	0,300
CHR4	30990919	CHR4:30990919	SSF x LoA	-9,5126221	0,051	0,299
CHR4	30991066	CHR4:30991066	SSF x LoA	-8,54720809	-0,142	0,289
CHR4	30999206	CHR4:30999206	SSF x LoA	9,80981058	-0,165	0,293
CHR4	30999216	CHR4:30999216	SSF x LoA	-7,95350038	0,032	0,307
CHR4	30999240	CHR4:30999240	SSF x LoA	-12,041112	-0,067	0,289
CHR4	30999347	CHR4:30999347	SSF x LoA	-9,0291949	0,078	0,293
CHR4	31007517	CHR4:31007517	SSF x LoA	-8,27477943	0,020	0,304
CHR4	31007596	CHR4:31007596	SSF x LoA	-10,0424814	0,055	0,303
CHR4	31007629	CHR4:31007629	SSF x LoA	-10,8540877	0,090	0,293
CHR4	31007667	CHR4:31007667	SSF x LoA	-10,2715901	0,009	0,315
CHR4	31007714	CHR4:31007714	SSF x LoA	-10,7842305	0,082	0,299
CHR4	31007749	CHR4:31007749	SSF x LoA	-9,74228625	0,030	0,302
CHR4	31023585	CHR4:31023585	SSF x LoA	-7,94947873	0,155	0,291
CHR4	31023589	CHR4:31023589	SSF x LoA	-8,52084028	-0,182	0,292
CHR4	31024078	CHR4:31024078	SSF x LoA	-7,23688654	-0,101	0,310
CHR4	31024106	CHR4:31024106	SSF x LoA	-10,384711	-0,008	0,308
CHR4	31024185	CHR4:31024185	SSF x LoA	-8,29141523	0,106	0,307
CHR4	31027222	CHR4:31027222	SSF x LoA	-7,98660326	-0,036	0,297
CHR4	31027225	CHR4:31027225	SSF x LoA	-11,6186396	0,063	0,306
CHR4	31027227	CHR4:31027227	SSF x LoA	-12,3246011	0,060	0,300
CHR4	31029736	CHR4:31029736	SSF x LoA	-8,90619989	-0,006	0,302
CHR4	31029755	CHR4:31029755	SSF x LoA	-9,19964016	-0,045	0,306
CHR4	31029820	CHR4:31029820	SSF x LoA	-9,19533249	0,048	0,297
CHR4	31029825	CHR4:31029825	SSF x LoA	-7,86386868	-0,009	0,303
CHR4	31030290	CHR4:31030290	SSF x LoA	-10,8352954	0,075	0,303
CHR4	31032140	CHR4:31032140	SSF x LoA	-7,00112679	0,109	0,304
CHR4	31032212	CHR4:31032212	SSF x LoA	-8,02082775	-0,034	0,308
CHR4	31032233	CHR4:31032233	SSF x LoA	-9,16666134	0,101	0,295
CHR4	31032237	CHR4:31032237	SSF x LoA	-9,96415247	0,039	0,314
CHR4	31032408	CHR4:31032408	SSF x LoA	-8,36700882	0,071	0,300
CHR4	31032449	CHR4:31032449	SSF x LoA	-10,4695486	0,050	0,317
CHR4	31032464	CHR4:31032464	SSF x LoA	-6,84188833	0,036	0,314
CHR4	31033378	CHR4:31033378	SSF x LoA	-9,82331639	0,092	0,297
CHR4	31036248	CHR4:31036248	SSF x LoA	-11,2646535	0,080	0,290
CHR4	31038291	CHR4:31038291	SSF x LoA	-10,9586415	0,085	0,297
CHR4	31048438	CHR4:31048438	SSF x LoA	-9,93021403	-0,020	0,318
CHR4	31048463	CHR4:31048463	SSF x LoA	-10,4524883	0,074	0,313
CHR4	31050988	CHR4:31050988	SSF x LoA	-11,2721486	-0,026	0,299
CHR4	31050989	CHR4:31050989	SSF x LoA	-9,79368765	0,051	0,300
CHR4	31051171	CHR4:31051171	SSF x LoA	-9,51542321	-0,143	0,310

CHR4	31055617	CHR4:31055617	SSF x LoA	-7,39034046	-0,115	0,310
CHR4	31062041	CHR4:31062041	SSF x LoA	-8,60061626	0,091	0,302
CHR4	31063873	CHR4:31063873	SSF x LoA	-8,77304766	0,076	0,295
CHR4	31063934	CHR4:31063934	SSF x LoA	-9,81667468	-0,027	0,318
CHR4	31063935	CHR4:31063935	SSF x LoA	-7,81078149	0,003	0,318
CHR4	31063944	CHR4:31063944	SSF x LoA	-9,47252466	-0,042	0,316
CHR4	31065954	CHR4:31065954	SSF x LoA	-10,8672202	-0,074	0,314
CHR4	31066056	CHR4:31066056	SSF x LoA	-10,4900234	-0,013	0,301
CHR4	31070384	CHR4:31070384	SSF x LoA	-8,49764745	-0,044	0,315
CHR4	31070459	CHR4:31070459	SSF x LoA	-11,0229804	0,019	0,315
CHR4	31071967	CHR4:31071967	SSF x LoA	-9,04680409	0,007	0,311
CHR4	31071972	CHR4:31071972	SSF x LoA	-9,8985223	0,020	0,309
CHR4	31071978	CHR4:31071978	SSF x LoA	-9,56399098	0,084	0,316
CHR4	31076681	CHR4:31076681	SSF x LoA	-8,20413753	0,058	0,315
CHR4	31078406	CHR4:31078406	SSF x LoA	-6,66715066	0,167	0,301
CHR4	31078431	CHR4:31078431	SSF x LoA	-8,69267817	0,084	0,313
CHR4	31078465	CHR4:31078465	SSF x LoA	-10,2578366	0,061	0,303
CHR4	31078501	CHR4:31078501	SSF x LoA	-3,78407301	0,137	0,303
CHR4	31084778	CHR4:31084778	SSF x LoA	-8,41987856	0,055	0,315
CHR4	31084853	CHR4:31084853	SSF x LoA	-8,32210706	-0,028	0,307
CHR4	31084854	CHR4:31084854	SSF x LoA	-8,86756933	-0,008	0,300
CHR4	31084868	CHR4:31084868	SSF x LoA	-11,8151713	-0,020	0,302
CHR4	31084879	CHR4:31084879	SSF x LoA	-10,0862177	-0,013	0,318
CHR4	31084881	CHR4:31084881	SSF x LoA	-11,6865004	-0,044	0,305
CHR4	31094714	CHR4:31094714	SSF x LoA	-9,31167391	-0,004	0,315
CHR4	31105375	CHR4:31105375	SSF x LoA	-8,46181913	-0,018	0,310
CHR4	31109270	CHR4:31109270	SSF x LoA	-10,0190197	-0,077	0,299
CHR4	31114338	CHR4:31114338	SSF x LoA	-11,0269975	-0,065	0,299
CHR4	31114350	CHR4:31114350	SSF x LoA	-10,1038597	0,032	0,317
CHR4	31114576	CHR4:31114576	SSF x LoA	-11,0723691	0,005	0,314
CHR4	31120677	CHR4:31120677	SSF x LoA	-8,18237816	-0,095	0,291
CHR4	31120768	CHR4:31120768	SSF x LoA	-8,78761179	-0,140	0,299
CHR4	31120811	CHR4:31120811	SSF x LoA	-10,7504108	-0,121	0,319
CHR4	31120851	CHR4:31120851	SSF x LoA	-10,4838697	-0,087	0,323
CHR4	31124589	CHR4:31124589	SSF x LoA	-11,2957635	-0,024	0,300
CHR4	31124632	CHR4:31124632	SSF x LoA	-3,77671776	0,016	0,298
CHR4	31126402	CHR4:31126402	SSF x LoA	-10,1114516	-0,044	0,326
CHR4	31126418	CHR4:31126418	SSF x LoA	-11,1845669	-0,012	0,319
CHR4	31126461	CHR4:31126461	SSF x LoA	-10,838223	-0,053	0,301
CHR4	31126474	CHR4:31126474	SSF x LoA	-7,95780695	0,019	0,314
CHR4	31126501	CHR4:31126501	SSF x LoA	-10,4402537	0,002	0,313
CHR4	31126526	CHR4:31126526	SSF x LoA	-9,87500827	0,001	0,309
CHR4	31126558	CHR4:31126558	SSF x LoA	-10,0865693	0,137	0,305
CHR4	31126580	CHR4:31126580	SSF x LoA	-9,72671774	-0,058	0,316
CHR4	31126652	CHR4:31126652	SSF x LoA	-9,07536267	-0,012	0,304
CHR4	31126667	CHR4:31126667	SSF x LoA	-10,3872162	-0,032	0,312
CHR4	31131369	CHR4:31131369	SSF x LoA	-9,21215388	-0,018	0,300
CHR4	31131444	CHR4:31131444	SSF x LoA	-11,1471541	-0,015	0,303
CHR4	31144101	CHR4:31144101	SSF x LoA	-10,7367857	0,055	0,310
CHR4	31144165	CHR4:31144165	SSF x LoA	-8,81202981	0,150	0,295
CHR4	31152989	CHR4:31152989	SSF x LoA	-8,92770156	0,069	0,302
CHR4	31155077	CHR4:31155077	SSF x LoA	-10,4640873	0,032	0,296
CHR4	31155627	CHR4:31155627	SSF x LoA	-10,19145	0,017	0,317

CHR4	31155630	CHR4:31155630	SSF x LoA	-8,8793279	-0,027	0,326
CHR4	31159000	CHR4:31159000	SSF x LoA	-11,6867164	-0,006	0,321
CHR4	31159027	CHR4:31159027	SSF x LoA	-9,30953377	0,059	0,297
CHR4	31159117	CHR4:31159117	SSF x LoA	-8,16037681	0,065	0,311
CHR4	31159138	CHR4:31159138	SSF x LoA	-10,9408654	0,019	0,310
CHR4	31159175	CHR4:31159175	SSF x LoA	-10,9161418	-0,064	0,319
CHR4	31159176	CHR4:31159176	SSF x LoA	-6,02319268	0,013	0,311
CHR4	31159195	CHR4:31159195	SSF x LoA	-10,83693	0,063	0,308
CHR4	31159210	CHR4:31159210	SSF x LoA	-6,98511574	0,019	0,326
CHR4	31159226	CHR4:31159226	SSF x LoA	-10,1317074	-0,014	0,311
CHR4	31159235	CHR4:31159235	SSF x LoA	-8,15511509	0,013	0,304
CHR4	31159246	CHR4:31159246	SSF x LoA	-9,22742043	-0,030	0,309
CHR4	31159259	CHR4:31159259	SSF x LoA	-9,9204281	0,048	0,310
CHR4	31160381	CHR4:31160381	SSF x LoA	-9,21340446	-0,061	0,296
CHR4	31160388	CHR4:31160388	SSF x LoA	-11,6831028	0,002	0,299
CHR4	3116888	CHR4:3116888	SSF x LoA	-8,86392999	0,009	0,313
CHR4	31169736	CHR4:31169736	SSF x LoA	-8,225841	-0,119	0,311
CHR4	31169797	CHR4:31169797	SSF x LoA	-2,91803586	0,023	0,317
CHR4	31169798	CHR4:31169798	SSF x LoA	-9,62959612	-0,128	0,292
CHR4	31173194	CHR4:31173194	SSF x LoA	-9,68058037	0,120	0,297
CHR4	31173202	CHR4:31173202	SSF x LoA	-10,7717391	-0,008	0,309
CHR4	31173204	CHR4:31173204	SSF x LoA	-7,19464431	-0,035	0,322
CHR4	31173297	CHR4:31173297	SSF x LoA	-5,12977292	-0,025	0,315
CHR4	31173367	CHR4:31173367	SSF x LoA	-9,08659702	-0,022	0,291
CHR4	31177036	CHR4:31177036	SSF x LoA	-9,60166105	-0,134	0,308
CHR4	31179283	CHR4:31179283	SSF x LoA	-9,35713911	0,087	0,311
CHR4	31179312	CHR4:31179312	SSF x LoA	-10,6201525	-0,083	0,302
CHR4	31179375	CHR4:31179375	SSF x LoA	-9,41337123	0,092	0,303
CHR4	31179398	CHR4:31179398	SSF x LoA	-12,2575532	0,052	0,302
CHR4	31179544	CHR4:31179544	SSF x LoA	-6,62222763	0,214	0,294
CHR4	31185500	CHR4:31185500	SSF x LoA	-3,07373994	0,225	0,295
CHR4	31185507	CHR4:31185507	SSF x LoA	-8,75576724	-0,062	0,305
CHR4	31185543	CHR4:31185543	SSF x LoA	-7,01662008	-0,085	0,314
CHR4	31185554	CHR4:31185554	SSF x LoA	-6,53058111	-0,037	0,301
CHR4	31185564	CHR4:31185564	SSF x LoA	-8,59369495	0,040	0,306
CHR4	31185600	CHR4:31185600	SSF x LoA	-9,88207927	0,141	0,304
CHR4	31185603	CHR4:31185603	SSF x LoA	-10,191581	-0,029	0,314
CHR4	31185614	CHR4:31185614	SSF x LoA	-6,64626683	0,146	0,312
CHR4	31185617	CHR4:31185617	SSF x LoA	-10,5579718	-0,108	0,317
CHR4	31185625	CHR4:31185625	SSF x LoA	-7,17479217	0,182	0,302
CHR4	31185740	CHR4:31185740	SSF x LoA	-9,08338268	0,009	0,294
CHR4	31185749	CHR4:31185749	SSF x LoA	-11,011401	0,070	0,302
CHR4	31202479	CHR4:31202479	SSF x LoA	-9,77375344	0,033	0,301
CHR4	31202609	CHR4:31202609	SSF x LoA	-9,56436847	-0,062	0,302
CHR4	31202666	CHR4:31202666	SSF x LoA	-8,92633755	-0,068	0,301
CHR4	31202714	CHR4:31202714	SSF x LoA	-11,9269044	-0,050	0,301
CHR4	31218541	CHR4:31218541	SSF x LoA	-8,78380391	-0,009	0,308
CHR4	31218578	CHR4:31218578	SSF x LoA	-7,78599457	0,034	0,309
CHR4	31218581	CHR4:31218581	SSF x LoA	-9,97566735	-0,081	0,312
CHR4	31218583	CHR4:31218583	SSF x LoA	-9,14181404	0,010	0,307
CHR4	31218597	CHR4:31218597	SSF x LoA	-10,3372011	-0,105	0,311
CHR4	3121867	CHR4:3121867	SSF x LoA	-11,2125201	-0,079	0,298
CHR4	3121916	CHR4:3121916	SSF x LoA	-9,51665265	0,035	0,295

CHR4	3121943	CHR4:3121943	SSF x LoA	-9,14362308	-0,035	0,310
CHR4	31225504	CHR4:31225504	SSF x LoA	-9,90785054	0,055	0,297
CHR4	31225505	CHR4:31225505	SSF x LoA	-9,31347724	0,048	0,304
CHR4	31225551	CHR4:31225551	SSF x LoA	-7,21936716	-0,009	0,303
CHR4	31239892	CHR4:31239892	SSF x LoA	-7,47631495	0,110	0,314
CHR4	31239980	CHR4:31239980	SSF x LoA	-9,28315217	-0,005	0,311
CHR4	31239996	CHR4:31239996	SSF x LoA	-9,16321012	-0,141	0,314
CHR4	31239998	CHR4:31239998	SSF x LoA	-4,97453492	-0,129	0,296
CHR4	31239999	CHR4:31239999	SSF x LoA	-8,24861003	-0,106	0,305
CHR4	31240000	CHR4:31240000	SSF x LoA	-10,4872365	-0,129	0,291
CHR4	31240074	CHR4:31240074	SSF x LoA	-9,46801611	-0,100	0,304
CHR4	3124275	CHR4:3124275	SSF x LoA	-11,4352498	-0,103	0,306
CHR4	3124285	CHR4:3124285	SSF x LoA	-11,3547557	-0,056	0,309
CHR4	3124296	CHR4:3124296	SSF x LoA	-9,54105522	0,039	0,319
CHR4	3124299	CHR4:3124299	SSF x LoA	-10,478309	0,057	0,314
CHR4	31243370	CHR4:31243370	SSF x LoA	-11,4587591	0,020	0,304
CHR4	31245072	CHR4:31245072	SSF x LoA	-10,6072855	-0,030	0,308
CHR4	31245098	CHR4:31245098	SSF x LoA	-9,30304072	0,135	0,311
CHR4	31245123	CHR4:31245123	SSF x LoA	-12,3589222	0,022	0,307
CHR4	31245132	CHR4:31245132	SSF x LoA	-12,2904068	0,048	0,297
CHR4	31246334	CHR4:31246334	SSF x LoA	-8,10428741	0,010	0,311
CHR4	31246351	CHR4:31246351	SSF x LoA	-11,4627135	0,008	0,304
CHR4	31246432	CHR4:31246432	SSF x LoA	-8,34236671	0,023	0,296
CHR4	3124801	CHR4:3124801	SSF x LoA	-10,4325938	-0,041	0,318
CHR4	31254298	CHR4:31254298	SSF x LoA	-7,67767406	-0,066	0,307
CHR4	31254324	CHR4:31254324	SSF x LoA	-9,99185266	0,056	0,320
CHR4	31256176	CHR4:31256176	SSF x LoA	-9,40876372	0,016	0,290
CHR4	31256191	CHR4:31256191	SSF x LoA	-11,3758926	0,004	0,312
CHR4	31256211	CHR4:31256211	SSF x LoA	-7,65125784	0,044	0,301
CHR4	31256224	CHR4:31256224	SSF x LoA	-8,14858313	-0,031	0,310
CHR4	31261181	CHR4:31261181	SSF x LoA	-11,7346262	0,018	0,300
CHR4	31261182	CHR4:31261182	SSF x LoA	-8,08852136	0,034	0,299
CHR4	31261185	CHR4:31261185	SSF x LoA	-4,1469357	0,062	0,305
CHR4	31261193	CHR4:31261193	SSF x LoA	-10,3142627	0,062	0,310
CHR4	31261312	CHR4:31261312	SSF x LoA	-5,94451016	0,111	0,303
CHR4	31267144	CHR4:31267144	SSF x LoA	-10,1624434	0,071	0,296
CHR4	31267159	CHR4:31267159	SSF x LoA	-9,52563369	0,049	0,307
CHR4	31267253	CHR4:31267253	SSF x LoA	-9,48009805	0,027	0,308
CHR4	31275804	CHR4:31275804	SSF x LoA	-11,3752104	0,051	0,302
CHR4	31275851	CHR4:31275851	SSF x LoA	-9,64209292	-0,038	0,317
CHR4	31276773	CHR4:31276773	SSF x LoA	-8,90562307	0,030	0,315
CHR4	31281628	CHR4:31281628	SSF x LoA	-8,59740895	-0,074	0,321
CHR4	31283453	CHR4:31283453	SSF x LoA	-11,1775709	-0,019	0,296
CHR4	31284187	CHR4:31284187	SSF x LoA	-12,0293619	-0,042	0,321
CHR4	31316366	CHR4:31316366	SSF x LoA	-9,83418268	0,128	0,309
CHR4	31317786	CHR4:31317786	SSF x LoA	-9,90196472	0,096	0,302
CHR4	31317796	CHR4:31317796	SSF x LoA	-9,95696713	-0,075	0,307
CHR4	31335368	CHR4:31335368	SSF x LoA	-10,2813862	-0,002	0,299
CHR4	31335377	CHR4:31335377	SSF x LoA	-8,01731726	-0,024	0,294
CHR4	31344335	CHR4:31344335	SSF x LoA	-9,66095012	-0,079	0,299
CHR4	31344446	CHR4:31344446	SSF x LoA	-8,21929169	-0,101	0,293
CHR4	31344518	CHR4:31344518	SSF x LoA	-11,4479512	-0,031	0,309
CHR4	31344554	CHR4:31344554	SSF x LoA	-10,9310043	0,000	0,306

CHR4	3134756	CHR4:3134756	SSF x LoA	-7,52170959	-0,106	0,295
CHR4	3135047	CHR4:3135047	SSF x LoA	-10,1380576	-0,046	0,300
CHR4	3135062	CHR4:3135062	SSF x LoA	-8,19611136	0,029	0,324
CHR4	31350809	CHR4:31350809	SSF x LoA	-11,8879651	-0,032	0,295
CHR4	3135104	CHR4:3135104	SSF x LoA	-8,85296646	0,084	0,310
CHR4	31352713	CHR4:31352713	SSF x LoA	-9,61214271	-0,015	0,317
CHR4	31355876	CHR4:31355876	SSF x LoA	-9,65013088	0,023	0,311
CHR4	31355947	CHR4:31355947	SSF x LoA	-10,6579022	0,007	0,317
CHR4	3137193	CHR4:3137193	SSF x LoA	-10,5455205	0,040	0,315
CHR4	3137467	CHR4:3137467	SSF x LoA	-8,46557523	0,070	0,307
CHR4	31377751	CHR4:31377751	SSF x LoA	-8,5346507	0,141	0,301
CHR4	31380862	CHR4:31380862	SSF x LoA	-9,43782678	-0,005	0,322
CHR4	31380924	CHR4:31380924	SSF x LoA	-10,5779442	0,002	0,317
CHR4	31380939	CHR4:31380939	SSF x LoA	-9,55497156	-0,080	0,293
CHR4	31380946	CHR4:31380946	SSF x LoA	-7,8068154	-0,015	0,318
CHR4	31381032	CHR4:31381032	SSF x LoA	-9,35662652	-0,157	0,306
CHR4	31381073	CHR4:31381073	SSF x LoA	-9,77625202	-0,125	0,311
CHR4	31385603	CHR4:31385603	SSF x LoA	-9,76889393	0,073	0,301
CHR4	31385623	CHR4:31385623	SSF x LoA	-8,51316093	-0,126	0,316
CHR4	31385775	CHR4:31385775	SSF x LoA	-9,33827411	-0,055	0,317
CHR4	31385796	CHR4:31385796	SSF x LoA	-11,173115	-0,020	0,302
CHR4	31385868	CHR4:31385868	SSF x LoA	-10,1954077	0,020	0,311
CHR4	31402148	CHR4:31402148	SSF x LoA	-9,75611343	-0,007	0,323
CHR4	31415898	CHR4:31415898	SSF x LoA	-10,528701	-0,076	0,306
CHR4	31415915	CHR4:31415915	SSF x LoA	-8,71765699	-0,096	0,318
CHR4	31418431	CHR4:31418431	SSF x LoA	-7,19470501	-0,118	0,303
CHR4	31418448	CHR4:31418448	SSF x LoA	-7,66272392	0,095	0,320
CHR4	31418453	CHR4:31418453	SSF x LoA	-8,83963572	0,065	0,311
CHR4	31426726	CHR4:31426726	SSF x LoA	-8,87862546	-0,013	0,314
CHR4	31426745	CHR4:31426745	SSF x LoA	-8,12071672	-0,024	0,302
CHR4	31426752	CHR4:31426752	SSF x LoA	-9,47962684	-0,095	0,316
CHR4	31426754	CHR4:31426754	SSF x LoA	-2,0518129	-0,028	0,305
CHR4	31426814	CHR4:31426814	SSF x LoA	-7,05987463	-0,093	0,301
CHR4	3142818	CHR4:3142818	SSF x LoA	-6,70624796	-0,166	0,294
CHR4	3142836	CHR4:3142836	SSF x LoA	-9,59553591	-0,110	0,306
CHR4	3142895	CHR4:3142895	SSF x LoA	-7,22711499	-0,106	0,295
CHR4	31430448	CHR4:31430448	SSF x LoA	-11,2722362	0,030	0,318
CHR4	31430449	CHR4:31430449	SSF x LoA	-8,037555	0,036	0,305
CHR4	31432005	CHR4:31432005	SSF x LoA	-11,4972483	-0,042	0,310
CHR4	31432013	CHR4:31432013	SSF x LoA	-8,57099618	-0,168	0,304
CHR4	31436250	CHR4:31436250	SSF x LoA	-3,20175004	0,099	0,309
CHR4	31436270	CHR4:31436270	SSF x LoA	-10,3965191	0,011	0,306
CHR4	31436340	CHR4:31436340	SSF x LoA	-9,14603764	-0,018	0,305
CHR4	31436372	CHR4:31436372	SSF x LoA	-9,27422551	0,010	0,314
CHR4	31444486	CHR4:31444486	SSF x LoA	-11,1147263	-0,039	0,299
CHR4	31444606	CHR4:31444606	SSF x LoA	-5,00235818	-0,083	0,315
CHR4	31444620	CHR4:31444620	SSF x LoA	-8,33169606	-0,055	0,310
CHR4	31452330	CHR4:31452330	SSF x LoA	-9,57223303	0,168	0,293
CHR4	31452335	CHR4:31452335	SSF x LoA	-8,29950832	0,186	0,310
CHR4	31452365	CHR4:31452365	SSF x LoA	-8,32888168	-0,042	0,314
CHR4	31452367	CHR4:31452367	SSF x LoA	-7,87549324	-0,027	0,317
CHR4	31452368	CHR4:31452368	SSF x LoA	-7,84607657	-0,023	0,315
CHR4	31452377	CHR4:31452377	SSF x LoA	-7,06541467	-0,084	0,302

CHR4	31452378	CHR4:31452378	SSF x LoA	-8,78843384	-0,115	0,305
CHR4	31452451	CHR4:31452451	SSF x LoA	-6,87293389	-0,001	0,317
CHR4	31452471	CHR4:31452471	SSF x LoA	-11,4139543	-0,088	0,310
CHR4	31452483	CHR4:31452483	SSF x LoA	-10,7120798	-0,022	0,312
CHR4	31464000	CHR4:31464000	SSF x LoA	-7,71476138	0,056	0,318
CHR4	31464008	CHR4:31464008	SSF x LoA	-7,86713305	0,051	0,307
CHR4	31464028	CHR4:31464028	SSF x LoA	-11,2221784	0,025	0,301
CHR4	31464031	CHR4:31464031	SSF x LoA	-8,33575643	0,019	0,317
CHR4	31464100	CHR4:31464100	SSF x LoA	-9,73792345	0,000	0,308
CHR4	31464105	CHR4:31464105	SSF x LoA	-9,47615514	-0,037	0,301
CHR4	31465438	CHR4:31465438	SSF x LoA	-10,6068785	0,030	0,306
CHR4	31466425	CHR4:31466425	SSF x LoA	-11,3742043	-0,034	0,308
CHR4	31492664	CHR4:31492664	SSF x LoA	-8,18944581	0,087	0,298
CHR4	31492667	CHR4:31492667	SSF x LoA	-10,4654628	0,070	0,303
CHR4	31496143	CHR4:31496143	SSF x LoA	-8,35941984	-0,020	0,319
CHR4	31496235	CHR4:31496235	SSF x LoA	-7,990661	0,053	0,309
CHR4	3149710	CHR4:3149710	SSF x LoA	-2,98697272	-0,165	0,294
CHR4	3149725	CHR4:3149725	SSF x LoA	-9,80193554	-0,012	0,316
CHR4	31523782	CHR4:31523782	SSF x LoA	-10,0861474	-0,077	0,314
CHR4	31523795	CHR4:31523795	SSF x LoA	-9,63416468	-0,057	0,311
CHR4	31523890	CHR4:31523890	SSF x LoA	-11,7826124	-0,054	0,303
CHR4	31523904	CHR4:31523904	SSF x LoA	-10,9169153	0,037	0,308
CHR4	31523911	CHR4:31523911	SSF x LoA	-10,7813359	0,071	0,306
CHR4	31523970	CHR4:31523970	SSF x LoA	-8,65393776	0,064	0,311
CHR4	31524023	CHR4:31524023	SSF x LoA	-9,11437113	-0,075	0,304
CHR4	31524075	CHR4:31524075	SSF x LoA	-9,00301646	0,035	0,303
CHR4	31538180	CHR4:31538180	SSF x LoA	-8,77610294	0,048	0,303
CHR4	31540872	CHR4:31540872	SSF x LoA	-9,48411445	0,007	0,302
CHR4	31541011	CHR4:31541011	SSF x LoA	-8,04454615	-0,015	0,316
CHR4	31548053	CHR4:31548053	SSF x LoA	-9,78684891	0,007	0,304
CHR4	31552798	CHR4:31552798	SSF x LoA	-9,3495563	0,000	0,307
CHR4	31575311	CHR4:31575311	SSF x LoA	-10,2733369	-0,030	0,304
CHR4	31576135	CHR4:31576135	SSF x LoA	-9,82765106	0,029	0,316
CHR4	31576141	CHR4:31576141	SSF x LoA	-11,1209106	0,031	0,298
CHR4	31576155	CHR4:31576155	SSF x LoA	-11,2960359	-0,003	0,313
CHR4	31576166	CHR4:31576166	SSF x LoA	-6,77693278	-0,049	0,310
CHR4	31576231	CHR4:31576231	SSF x LoA	-9,53135924	0,082	0,312
CHR4	31577600	CHR4:31577600	SSF x LoA	-7,57713121	-0,047	0,307
CHR4	31577679	CHR4:31577679	SSF x LoA	-6,02751167	-0,120	0,313
CHR4	31577707	CHR4:31577707	SSF x LoA	-8,4259731	-0,065	0,310
CHR4	31577734	CHR4:31577734	SSF x LoA	-8,62764113	-0,121	0,305
CHR4	31577779	CHR4:31577779	SSF x LoA	-11,6508963	0,009	0,306
CHR4	3157972	CHR4:3157972	SSF x LoA	-6,02446811	-0,115	0,307
CHR4	3157975	CHR4:3157975	SSF x LoA	-10,4992402	0,056	0,307
CHR4	3158021	CHR4:3158021	SSF x LoA	-5,43478875	-0,103	0,298
CHR4	31580375	CHR4:31580375	SSF x LoA	-9,74573811	0,017	0,317
CHR4	31580397	CHR4:31580397	SSF x LoA	-11,0690028	0,011	0,310
CHR4	31580416	CHR4:31580416	SSF x LoA	-7,43026793	0,047	0,309
CHR4	31580429	CHR4:31580429	SSF x LoA	-7,98355113	0,106	0,310
CHR4	31584766	CHR4:31584766	SSF x LoA	0,29829427	0,118	0,287
CHR4	31585981	CHR4:31585981	SSF x LoA	-9,30570921	0,027	0,314
CHR4	31600040	CHR4:31600040	SSF x LoA	-7,50037491	0,099	0,311
CHR4	31622252	CHR4:31622252	SSF x LoA	-10,6550002	0,024	0,297

CHR4	31633721	CHR4:31633721	SSF x LoA	-10,7010993	-0,004	0,297
CHR4	31633819	CHR4:31633819	SSF x LoA	-11,4061193	0,048	0,298
CHR4	31633913	CHR4:31633913	SSF x LoA	-9,84100414	-0,118	0,295
CHR4	31633930	CHR4:31633930	SSF x LoA	-8,42289614	-0,048	0,317
CHR4	31648720	CHR4:31648720	SSF x LoA	-9,0002576	-0,003	0,311
CHR4	31648735	CHR4:31648735	SSF x LoA	-8,36486108	-0,087	0,315
CHR4	31653491	CHR4:31653491	SSF x LoA	-9,84777248	0,046	0,315
CHR4	31663602	CHR4:31663602	SSF x LoA	-9,80899622	-0,087	0,302
CHR4	31663642	CHR4:31663642	SSF x LoA	-7,01627739	-0,196	0,299
CHR4	31663742	CHR4:31663742	SSF x LoA	-8,37803804	0,071	0,304
CHR4	31663745	CHR4:31663745	SSF x LoA	-11,0935699	-0,055	0,297
CHR4	31665255	CHR4:31665255	SSF x LoA	-9,47090739	0,031	0,309
CHR4	31686010	CHR4:31686010	SSF x LoA	-10,4219096	0,028	0,306
CHR4	31686079	CHR4:31686079	SSF x LoA	-10,5619	-0,047	0,312
CHR4	31686351	CHR4:31686351	SSF x LoA	-11,4773487	0,044	0,300
CHR4	31686383	CHR4:31686383	SSF x LoA	-9,55786616	0,132	0,309
CHR4	31699845	CHR4:31699845	SSF x LoA	-9,38985063	0,031	0,311
CHR4	31700077	CHR4:31700077	SSF x LoA	-11,0628519	-0,033	0,302
CHR4	31717230	CHR4:31717230	SSF x LoA	-8,67789651	0,032	0,313
CHR4	31717233	CHR4:31717233	SSF x LoA	-7,89602575	0,086	0,321
CHR4	31717235	CHR4:31717235	SSF x LoA	-8,72532221	-0,077	0,302
CHR4	31717289	CHR4:31717289	SSF x LoA	-9,32389701	-0,014	0,311
CHR4	31717299	CHR4:31717299	SSF x LoA	-9,36896411	0,145	0,299
CHR4	31717300	CHR4:31717300	SSF x LoA	-8,73703551	-0,006	0,310
CHR4	31717360	CHR4:31717360	SSF x LoA	-8,10035224	-0,051	0,311
CHR4	31717363	CHR4:31717363	SSF x LoA	-10,3517545	0,013	0,317
CHR4	31717397	CHR4:31717397	SSF x LoA	-9,3664548	-0,117	0,298
CHR4	31717409	CHR4:31717409	SSF x LoA	-10,6899276	0,044	0,311
CHR4	31722181	CHR4:31722181	SSF x LoA	-8,61468264	0,051	0,307
CHR4	31722182	CHR4:31722182	SSF x LoA	-8,25601002	0,067	0,309
CHR4	31722247	CHR4:31722247	SSF x LoA	-7,18446465	-0,091	0,303
CHR4	31726945	CHR4:31726945	SSF x LoA	-8,41428381	0,016	0,307
CHR4	31726948	CHR4:31726948	SSF x LoA	-10,65673	0,011	0,302
CHR4	31727243	CHR4:31727243	SSF x LoA	-8,58830725	0,011	0,306
CHR4	31745121	CHR4:31745121	SSF x LoA	-9,5974641	0,064	0,294
CHR4	31745164	CHR4:31745164	SSF x LoA	-10,8976467	-0,024	0,306
CHR4	31745240	CHR4:31745240	SSF x LoA	-8,53317776	0,126	0,308
CHR4	31745357	CHR4:31745357	SSF x LoA	-9,94714318	-0,070	0,315
CHR4	31755657	CHR4:31755657	SSF x LoA	-8,49500362	-0,020	0,320
CHR4	31755665	CHR4:31755665	SSF x LoA	-9,74861783	-0,020	0,294
CHR4	31755696	CHR4:31755696	SSF x LoA	-9,51050028	0,068	0,309
CHR4	31755730	CHR4:31755730	SSF x LoA	-8,75974751	0,040	0,296
CHR4	31755767	CHR4:31755767	SSF x LoA	-9,81543072	-0,139	0,300
CHR4	31760320	CHR4:31760320	SSF x LoA	-8,3491483	0,117	0,309
CHR4	31760385	CHR4:31760385	SSF x LoA	-9,76764369	-0,032	0,309
CHR4	31760535	CHR4:31760535	SSF x LoA	-6,1295755	0,052	0,301
CHR4	31768142	CHR4:31768142	SSF x LoA	-9,0935182	-0,009	0,326
CHR4	31768186	CHR4:31768186	SSF x LoA	-10,4057204	0,068	0,304
CHR4	31768211	CHR4:31768211	SSF x LoA	-10,2669198	-0,038	0,317
CHR4	31775486	CHR4:31775486	SSF x LoA	-5,7691523	0,170	0,288
CHR4	31775571	CHR4:31775571	SSF x LoA	-11,5768752	-0,035	0,314
CHR4	31775597	CHR4:31775597	SSF x LoA	-10,7632063	-0,041	0,318
CHR4	31775611	CHR4:31775611	SSF x LoA	-8,63402927	0,160	0,301

CHR4	31775630	CHR4:31775630	SSF x LoA	-10,2314875	0,026	0,302
CHR4	31779437	CHR4:31779437	SSF x LoA	-5,50584168	0,140	0,312
CHR4	31779479	CHR4:31779479	SSF x LoA	-12,2772005	-0,011	0,296
CHR4	31779531	CHR4:31779531	SSF x LoA	-7,96194067	-0,046	0,307
CHR4	317834	CHR4:317834	SSF x LoA	-6,67145313	-0,010	0,308
CHR4	31784035	CHR4:31784035	SSF x LoA	-8,84906217	-0,080	0,310
CHR4	3178415	CHR4:3178415	SSF x LoA	-8,95209493	0,001	0,307
CHR4	3178489	CHR4:3178489	SSF x LoA	-11,0064822	-0,025	0,297
CHR4	3179276	CHR4:3179276	SSF x LoA	-10,6965078	0,069	0,309
CHR4	3179306	CHR4:3179306	SSF x LoA	-10,0342273	-0,048	0,309
CHR4	3179326	CHR4:3179326	SSF x LoA	-11,1735636	0,065	0,318
CHR4	3179443	CHR4:3179443	SSF x LoA	-9,7503969	-0,077	0,300
CHR4	3179446	CHR4:3179446	SSF x LoA	-10,6827406	0,078	0,298
CHR4	31796189	CHR4:31796189	SSF x LoA	-9,00996646	-0,048	0,307
CHR4	31803590	CHR4:31803590	SSF x LoA	-9,73024183	-0,026	0,311
CHR4	31803728	CHR4:31803728	SSF x LoA	-10,1306894	-0,090	0,305
CHR4	31803761	CHR4:31803761	SSF x LoA	-8,88945711	-0,023	0,310
CHR4	31807102	CHR4:31807102	SSF x LoA	-5,59414299	0,029	0,306
CHR4	31816840	CHR4:31816840	SSF x LoA	-8,13250844	-0,068	0,291
CHR4	31816847	CHR4:31816847	SSF x LoA	-10,9590903	-0,051	0,298
CHR4	31828555	CHR4:31828555	SSF x LoA	-10,4906007	0,010	0,312
CHR4	31833048	CHR4:31833048	SSF x LoA	-6,86881987	-0,024	0,305
CHR4	31837734	CHR4:31837734	SSF x LoA	-7,99002789	0,088	0,305
CHR4	31837794	CHR4:31837794	SSF x LoA	-8,32666819	0,071	0,300
CHR4	31837830	CHR4:31837830	SSF x LoA	-11,1312722	-0,062	0,309
CHR4	31837866	CHR4:31837866	SSF x LoA	-9,03753296	0,078	0,303
CHR4	31837992	CHR4:31837992	SSF x LoA	-10,1372515	0,046	0,309
CHR4	3184101	CHR4:3184101	SSF x LoA	-9,89959735	0,120	0,288
CHR4	31843168	CHR4:31843168	SSF x LoA	-9,47216903	0,087	0,308
CHR4	31843178	CHR4:31843178	SSF x LoA	-11,7750586	-0,021	0,307
CHR4	31843217	CHR4:31843217	SSF x LoA	-8,97072701	-0,070	0,320
CHR4	31843275	CHR4:31843275	SSF x LoA	-10,6380338	0,074	0,307
CHR4	31843307	CHR4:31843307	SSF x LoA	-9,20564241	0,089	0,309
CHR4	3185100	CHR4:3185100	SSF x LoA	-9,14342928	-0,041	0,316
CHR4	31858164	CHR4:31858164	SSF x LoA	-9,13485329	0,025	0,304
CHR4	31858243	CHR4:31858243	SSF x LoA	-9,28064486	0,063	0,313
CHR4	31858284	CHR4:31858284	SSF x LoA	-9,24979104	-0,025	0,302
CHR4	31860142	CHR4:31860142	SSF x LoA	-8,83933111	0,012	0,323
CHR4	31860291	CHR4:31860291	SSF x LoA	-8,96200172	-0,003	0,314
CHR4	3186248	CHR4:3186248	SSF x LoA	-8,217516	0,136	0,309
CHR4	3186285	CHR4:3186285	SSF x LoA	-11,552254	0,013	0,305
CHR4	3186325	CHR4:3186325	SSF x LoA	-8,44258933	0,029	0,311
CHR4	3186326	CHR4:3186326	SSF x LoA	-10,6649374	-0,063	0,314
CHR4	3186375	CHR4:3186375	SSF x LoA	-8,03196217	0,010	0,305
CHR4	3186403	CHR4:3186403	SSF x LoA	-9,46585931	0,113	0,304
CHR4	3186415	CHR4:3186415	SSF x LoA	-9,12120094	-0,029	0,313
CHR4	31876569	CHR4:31876569	SSF x LoA	-9,64638996	0,086	0,293
CHR4	318796	CHR4:318796	SSF x LoA	-8,52058397	-0,096	0,290
CHR4	31884257	CHR4:31884257	SSF x LoA	-7,20159046	0,011	0,320
CHR4	31884300	CHR4:31884300	SSF x LoA	-9,09622571	-0,040	0,305
CHR4	31888588	CHR4:31888588	SSF x LoA	-10,1911582	0,085	0,305
CHR4	31888598	CHR4:31888598	SSF x LoA	-8,57740484	0,117	0,310
CHR4	3189377	CHR4:3189377	SSF x LoA	-7,98874235	-0,102	0,294

CHR4	3189379	CHR4:3189379	SSF x LoA	-9,541146	-0,057	0,306
CHR4	3189418	CHR4:3189418	SSF x LoA	-11,3610347	-0,068	0,309
CHR4	3189482	CHR4:3189482	SSF x LoA	-8,19185533	0,191	0,305
CHR4	31896019	CHR4:31896019	SSF x LoA	-9,488626	-0,113	0,297
CHR4	31906201	CHR4:31906201	SSF x LoA	1,437796	-0,023	0,325
CHR4	31907298	CHR4:31907298	SSF x LoA	-10,2360926	-0,045	0,297
CHR4	31907475	CHR4:31907475	SSF x LoA	-6,55282632	0,104	0,304
CHR4	31907483	CHR4:31907483	SSF x LoA	-11,3944116	0,113	0,299
CHR4	31907496	CHR4:31907496	SSF x LoA	-9,05268625	-0,065	0,304
CHR4	31912124	CHR4:31912124	SSF x LoA	-7,90599347	-0,050	0,316
CHR4	31918918	CHR4:31918918	SSF x LoA	-10,0225007	-0,075	0,313
CHR4	31918932	CHR4:31918932	SSF x LoA	-7,32256336	0,006	0,324
CHR4	31918949	CHR4:31918949	SSF x LoA	-11,3358964	-0,005	0,309
CHR4	31920310	CHR4:31920310	SSF x LoA	-10,7666881	0,027	0,322
CHR4	31920344	CHR4:31920344	SSF x LoA	-8,74964431	0,063	0,303
CHR4	31920375	CHR4:31920375	SSF x LoA	-11,3673673	0,028	0,294
CHR4	31920469	CHR4:31920469	SSF x LoA	-8,94854349	0,099	0,300
CHR4	31920580	CHR4:31920580	SSF x LoA	-8,69702642	0,018	0,314
CHR4	31934968	CHR4:31934968	SSF x LoA	-9,6886919	0,071	0,312
CHR4	31935019	CHR4:31935019	SSF x LoA	-9,51276292	0,030	0,304
CHR4	31935044	CHR4:31935044	SSF x LoA	-9,78021672	-0,006	0,319
CHR4	31989727	CHR4:31989727	SSF x LoA	-10,5446613	-0,074	0,298
CHR4	31989928	CHR4:31989928	SSF x LoA	-6,39590632	0,161	0,293
CHR4	31989981	CHR4:31989981	SSF x LoA	-11,2564425	0,026	0,304
CHR4	31990010	CHR4:31990010	SSF x LoA	-10,9584345	0,056	0,311
CHR4	31990026	CHR4:31990026	SSF x LoA	-10,1821731	0,032	0,307
CHR4	31995048	CHR4:31995048	SSF x LoA	-7,39931312	0,120	0,300
CHR4	32002124	CHR4:32002124	SSF x LoA	-9,89462878	-0,013	0,310
CHR4	32002261	CHR4:32002261	SSF x LoA	-9,66124934	-0,016	0,305
CHR4	32015107	CHR4:32015107	SSF x LoA	-8,60760207	-0,080	0,302
CHR4	32015110	CHR4:32015110	SSF x LoA	-6,86292201	-0,087	0,295
CHR4	32016589	CHR4:32016589	SSF x LoA	-7,05113388	-0,127	0,292
CHR4	32016628	CHR4:32016628	SSF x LoA	-7,97347459	-0,034	0,315
CHR4	32016656	CHR4:32016656	SSF x LoA	-8,89115803	0,005	0,297
CHR4	32016698	CHR4:32016698	SSF x LoA	-8,86865194	0,099	0,321
CHR4	32016708	CHR4:32016708	SSF x LoA	-9,67750505	-0,064	0,303
CHR4	32016801	CHR4:32016801	SSF x LoA	-8,24577484	-0,099	0,302
CHR4	3201763	CHR4:3201763	SSF x LoA	-9,76660494	-0,022	0,303
CHR4	3201814	CHR4:3201814	SSF x LoA	-9,37897286	-0,059	0,301
CHR4	3202143	CHR4:3202143	SSF x LoA	-10,8555778	0,006	0,309
CHR4	32023236	CHR4:32023236	SSF x LoA	-7,6837349	0,125	0,296
CHR4	32023259	CHR4:32023259	SSF x LoA	-9,09546326	-0,031	0,317
CHR4	32030826	CHR4:32030826	SSF x LoA	-10,5130418	-0,050	0,314
CHR4	32030924	CHR4:32030924	SSF x LoA	-11,6348866	0,031	0,315
CHR4	32033148	CHR4:32033148	SSF x LoA	-11,0943667	0,032	0,313
CHR4	32034001	CHR4:32034001	SSF x LoA	-7,58607635	0,150	0,302
CHR4	32034024	CHR4:32034024	SSF x LoA	-2,39417077	0,175	0,295
CHR4	32034032	CHR4:32034032	SSF x LoA	-6,93779934	0,099	0,316
CHR4	32034038	CHR4:32034038	SSF x LoA	-7,54497587	0,128	0,298
CHR4	32034042	CHR4:32034042	SSF x LoA	-4,70980501	0,134	0,312
CHR4	32034091	CHR4:32034091	SSF x LoA	-12,4113051	-0,003	0,298
CHR4	32036935	CHR4:32036935	SSF x LoA	-9,50609993	0,086	0,294
CHR4	32036954	CHR4:32036954	SSF x LoA	-9,62274474	0,131	0,310

CHR4	32037245	CHR4:32037245	SSF x LoA	-9,25957315	-0,056	0,298
CHR4	32044753	CHR4:32044753	SSF x LoA	-9,01975722	-0,111	0,297
CHR4	32044769	CHR4:32044769	SSF x LoA	-9,22538548	-0,112	0,313
CHR4	32044777	CHR4:32044777	SSF x LoA	-9,25736424	-0,036	0,307
CHR4	32044805	CHR4:32044805	SSF x LoA	-11,1336039	-0,030	0,312
CHR4	32044806	CHR4:32044806	SSF x LoA	-11,5383811	-0,075	0,295
CHR4	32044813	CHR4:32044813	SSF x LoA	-10,25487	0,045	0,311
CHR4	32044864	CHR4:32044864	SSF x LoA	-12,6574773	-0,067	0,287
CHR4	32044872	CHR4:32044872	SSF x LoA	-11,7063286	-0,049	0,295
CHR4	32047715	CHR4:32047715	SSF x LoA	-8,54354606	0,057	0,311
CHR4	32047784	CHR4:32047784	SSF x LoA	-11,0700673	-0,027	0,296
CHR4	32050139	CHR4:32050139	SSF x LoA	-10,5499839	0,014	0,302
CHR4	32058010	CHR4:32058010	SSF x LoA	-10,933956	0,025	0,311
CHR4	32058045	CHR4:32058045	SSF x LoA	-9,06008433	-0,043	0,315
CHR4	32058047	CHR4:32058047	SSF x LoA	-10,4942356	-0,043	0,306
CHR4	32058099	CHR4:32058099	SSF x LoA	1,02842615	0,060	0,304
CHR4	32058250	CHR4:32058250	SSF x LoA	-8,23359897	0,060	0,315
CHR4	32059817	CHR4:32059817	SSF x LoA	-6,83504936	-0,128	0,310
CHR4	32059824	CHR4:32059824	SSF x LoA	-7,5058723	-0,091	0,309
CHR4	32059860	CHR4:32059860	SSF x LoA	-7,57074469	-0,060	0,314
CHR4	32059911	CHR4:32059911	SSF x LoA	-6,45381629	0,128	0,295
CHR4	32059958	CHR4:32059958	SSF x LoA	-6,63367837	-0,141	0,316
CHR4	32060022	CHR4:32060022	SSF x LoA	-9,7362743	0,091	0,294
CHR4	32067036	CHR4:32067036	SSF x LoA	-7,28220747	0,109	0,305
CHR4	32068823	CHR4:32068823	SSF x LoA	-9,48273564	-0,072	0,295
CHR4	32068839	CHR4:32068839	SSF x LoA	-11,1476814	0,073	0,304
CHR4	32068857	CHR4:32068857	SSF x LoA	-8,9011883	-0,011	0,313
CHR4	32070877	CHR4:32070877	SSF x LoA	-5,1245515	0,069	0,287
CHR4	32070925	CHR4:32070925	SSF x LoA	-7,61239968	0,010	0,296
CHR4	32070973	CHR4:32070973	SSF x LoA	-8,84718816	0,131	0,315
CHR4	32070984	CHR4:32070984	SSF x LoA	-8,47908543	-0,128	0,296
CHR4	32083221	CHR4:32083221	SSF x LoA	-10,1808377	0,046	0,306
CHR4	32083222	CHR4:32083222	SSF x LoA	-10,068253	0,058	0,304
CHR4	32083252	CHR4:32083252	SSF x LoA	-9,40675881	0,099	0,299
CHR4	32083270	CHR4:32083270	SSF x LoA	-8,38963623	0,129	0,317
CHR4	32097577	CHR4:32097577	SSF x LoA	-10,0344055	0,084	0,298
CHR4	32098901	CHR4:32098901	SSF x LoA	-9,84739112	0,099	0,301
CHR4	32104933	CHR4:32104933	SSF x LoA	-8,13740963	0,139	0,308
CHR4	32104937	CHR4:32104937	SSF x LoA	-8,10068508	0,049	0,324
CHR4	32104948	CHR4:32104948	SSF x LoA	-9,4431761	0,057	0,312
CHR4	32106581	CHR4:32106581	SSF x LoA	-8,57383833	0,074	0,320
CHR4	32106787	CHR4:32106787	SSF x LoA	-8,55867308	-0,111	0,309
CHR4	32108036	CHR4:32108036	SSF x LoA	-10,1979307	-0,024	0,308
CHR4	32108075	CHR4:32108075	SSF x LoA	-7,19685047	0,027	0,316
CHR4	32108166	CHR4:32108166	SSF x LoA	-10,3296783	0,124	0,304
CHR4	32111852	CHR4:32111852	SSF x LoA	-9,79909779	0,093	0,297
CHR4	32111901	CHR4:32111901	SSF x LoA	-9,06585104	-0,032	0,316
CHR4	32122641	CHR4:32122641	SSF x LoA	-9,31627183	0,021	0,306
CHR4	32126739	CHR4:32126739	SSF x LoA	-8,55946626	0,057	0,319
CHR4	32126744	CHR4:32126744	SSF x LoA	-9,34205505	-0,041	0,297
CHR4	32126780	CHR4:32126780	SSF x LoA	-6,83494404	-0,103	0,322
CHR4	32126784	CHR4:32126784	SSF x LoA	-10,6832026	-0,040	0,302
CHR4	32126791	CHR4:32126791	SSF x LoA	-9,04229386	0,080	0,312

CHR4	32126839	CHR4:32126839	SSF x LoA	-11,8300894	0,005	0,307
CHR4	32129005	CHR4:32129005	SSF x LoA	-8,21014169	-0,060	0,310
CHR4	32129012	CHR4:32129012	SSF x LoA	-8,90438897	-0,039	0,304
CHR4	32129181	CHR4:32129181	SSF x LoA	-9,98988593	-0,002	0,292
CHR4	32129198	CHR4:32129198	SSF x LoA	-7,84929608	0,037	0,314
CHR4	32129211	CHR4:32129211	SSF x LoA	-8,33014873	-0,032	0,311
CHR4	32129225	CHR4:32129225	SSF x LoA	-8,95517336	0,056	0,311
CHR4	32135625	CHR4:32135625	SSF x LoA	-8,3883953	0,066	0,314
CHR4	32135627	CHR4:32135627	SSF x LoA	-9,20916439	0,068	0,305
CHR4	32135737	CHR4:32135737	SSF x LoA	-9,97005155	-0,072	0,290
CHR4	32135780	CHR4:32135780	SSF x LoA	-9,17702719	-0,050	0,303
CHR4	32135783	CHR4:32135783	SSF x LoA	-9,63255924	0,064	0,306
CHR4	32142528	CHR4:32142528	SSF x LoA	-8,39702947	-0,078	0,310
CHR4	3214727	CHR4:3214727	SSF x LoA	-10,3770089	-0,067	0,300
CHR4	32153380	CHR4:32153380	SSF x LoA	-7,99458071	0,132	0,304
CHR4	32153519	CHR4:32153519	SSF x LoA	-8,76351426	0,067	0,305
CHR4	32153571	CHR4:32153571	SSF x LoA	-10,0462141	-0,022	0,301
CHR4	32153640	CHR4:32153640	SSF x LoA	-9,94730918	-0,089	0,295
CHR4	32153641	CHR4:32153641	SSF x LoA	-8,28396158	0,049	0,299
CHR4	32153685	CHR4:32153685	SSF x LoA	-10,0166562	0,027	0,293
CHR4	32160186	CHR4:32160186	SSF x LoA	-11,7868664	0,026	0,309
CHR4	32160202	CHR4:32160202	SSF x LoA	-6,61344537	-0,094	0,289
CHR4	32164114	CHR4:32164114	SSF x LoA	-5,12658738	-0,169	0,309
CHR4	32164180	CHR4:32164180	SSF x LoA	-11,3963206	0,063	0,301
CHR4	32164237	CHR4:32164237	SSF x LoA	-6,45406455	0,153	0,302
CHR4	32168282	CHR4:32168282	SSF x LoA	-8,45896904	-0,169	0,302
CHR4	32168530	CHR4:32168530	SSF x LoA	-10,6693066	0,065	0,315
CHR4	32179726	CHR4:32179726	SSF x LoA	-8,99938294	0,022	0,311
CHR4	32179786	CHR4:32179786	SSF x LoA	-10,7253511	0,058	0,314
CHR4	32179846	CHR4:32179846	SSF x LoA	-7,30687405	-0,129	0,304
CHR4	32180002	CHR4:32180002	SSF x LoA	-7,62440751	0,030	0,329
CHR4	32198821	CHR4:32198821	SSF x LoA	-9,93718962	-0,167	0,291
CHR4	32198869	CHR4:32198869	SSF x LoA	-11,9666522	-0,042	0,315
CHR4	32202583	CHR4:32202583	SSF x LoA	-8,74318976	0,120	0,300
CHR4	32202643	CHR4:32202643	SSF x LoA	-7,74253488	0,096	0,296
CHR4	32202652	CHR4:32202652	SSF x LoA	-7,67224263	0,121	0,300
CHR4	32209988	CHR4:32209988	SSF x LoA	-11,8795602	-0,033	0,302
CHR4	32210023	CHR4:32210023	SSF x LoA	-6,50463585	0,002	0,317
CHR4	32210046	CHR4:32210046	SSF x LoA	-11,1933415	0,013	0,313
CHR4	32210172	CHR4:32210172	SSF x LoA	-8,69499248	-0,034	0,317
CHR4	32210188	CHR4:32210188	SSF x LoA	-9,2533136	-0,046	0,315
CHR4	32210207	CHR4:32210207	SSF x LoA	-8,39531788	-0,111	0,302
CHR4	32212669	CHR4:32212669	SSF x LoA	-9,62567741	0,014	0,305
CHR4	3222303	CHR4:3222303	SSF x LoA	-10,003314	0,097	0,305
CHR4	3222468	CHR4:3222468	SSF x LoA	-9,4756049	0,007	0,312
CHR4	3222477	CHR4:3222477	SSF x LoA	-10,0391498	-0,048	0,298
CHR4	3222606	CHR4:3222606	SSF x LoA	-11,5988853	-0,117	0,300
CHR4	32226615	CHR4:32226615	SSF x LoA	-8,99164929	0,036	0,315
CHR4	32226619	CHR4:32226619	SSF x LoA	-9,7350834	0,009	0,296
CHR4	32226627	CHR4:32226627	SSF x LoA	-11,1468247	-0,029	0,296
CHR4	32226702	CHR4:32226702	SSF x LoA	-10,5607552	-0,064	0,315
CHR4	32226718	CHR4:32226718	SSF x LoA	-10,8486667	0,143	0,304
CHR4	32226750	CHR4:32226750	SSF x LoA	-8,42620722	0,033	0,326

CHR4	32237981	CHR4:32237981	SSF x LoA	-10,5111509	-0,087	0,311
CHR4	32238041	CHR4:32238041	SSF x LoA	-10,2203753	0,021	0,311
CHR4	32242040	CHR4:32242040	SSF x LoA	-6,48925549	-0,071	0,306
CHR4	32251584	CHR4:32251584	SSF x LoA	-12,6645301	-0,033	0,291
CHR4	32254976	CHR4:32254976	SSF x LoA	-8,86407123	-0,088	0,294
CHR4	32255179	CHR4:32255179	SSF x LoA	-9,00510166	0,061	0,316
CHR4	32262222	CHR4:32262222	SSF x LoA	-9,38650449	0,027	0,307
CHR4	32262309	CHR4:32262309	SSF x LoA	-9,17487158	0,019	0,310
CHR4	32265238	CHR4:32265238	SSF x LoA	-9,75973758	-0,027	0,315
CHR4	32265334	CHR4:32265334	SSF x LoA	-11,7199257	-0,015	0,309
CHR4	32265391	CHR4:32265391	SSF x LoA	-12,3665975	-0,092	0,293
CHR4	32265395	CHR4:32265395	SSF x LoA	-9,49392714	0,043	0,316
CHR4	32270964	CHR4:32270964	SSF x LoA	-5,73396223	0,214	0,288
CHR4	3227250	CHR4:3227250	SSF x LoA	-10,7069745	0,033	0,312
CHR4	32272537	CHR4:32272537	SSF x LoA	-11,2100187	0,051	0,299
CHR4	32281248	CHR4:32281248	SSF x LoA	-2,19912091	-0,245	0,292
CHR4	32281373	CHR4:32281373	SSF x LoA	-11,182367	0,002	0,299
CHR4	32281442	CHR4:32281442	SSF x LoA	-8,49321305	0,156	0,286
CHR4	32286655	CHR4:32286655	SSF x LoA	-9,83355317	-0,056	0,307
CHR4	32287343	CHR4:32287343	SSF x LoA	-9,75406759	0,088	0,305
CHR4	32292041	CHR4:32292041	SSF x LoA	-7,77454787	-0,054	0,315
CHR4	32292044	CHR4:32292044	SSF x LoA	-11,0748105	-0,027	0,300
CHR4	32292189	CHR4:32292189	SSF x LoA	-10,5935845	0,120	0,312
CHR4	32292205	CHR4:32292205	SSF x LoA	-9,52681092	-0,017	0,299
CHR4	32296931	CHR4:32296931	SSF x LoA	-7,05781411	0,111	0,289
CHR4	32297017	CHR4:32297017	SSF x LoA	-10,5577777	-0,052	0,305
CHR4	32298694	CHR4:32298694	SSF x LoA	-9,92478761	-0,055	0,306
CHR4	32298797	CHR4:32298797	SSF x LoA	-9,56204004	-0,008	0,302
CHR4	32298821	CHR4:32298821	SSF x LoA	-3,89549703	0,127	0,299
CHR4	32298859	CHR4:32298859	SSF x LoA	-9,34876786	-0,097	0,300
CHR4	32298902	CHR4:32298902	SSF x LoA	-11,2238286	0,062	0,312
CHR4	32298906	CHR4:32298906	SSF x LoA	-9,73847006	0,005	0,300
CHR4	32304603	CHR4:32304603	SSF x LoA	-8,45944356	-0,017	0,310
CHR4	32304749	CHR4:32304749	SSF x LoA	-10,2936972	-0,015	0,298
CHR4	32304758	CHR4:32304758	SSF x LoA	-8,94932617	-0,020	0,315
CHR4	32307889	CHR4:32307889	SSF x LoA	-9,1743271	-0,009	0,314
CHR4	32307958	CHR4:32307958	SSF x LoA	-6,76741589	0,025	0,319
CHR4	32308001	CHR4:32308001	SSF x LoA	-9,11410376	-0,061	0,311
CHR4	32308069	CHR4:32308069	SSF x LoA	-9,99721054	-0,119	0,313
CHR4	32308108	CHR4:32308108	SSF x LoA	-11,1767513	-0,036	0,306
CHR4	32308160	CHR4:32308160	SSF x LoA	-9,25192621	0,008	0,309
CHR4	32314864	CHR4:32314864	SSF x LoA	-6,12677447	0,022	0,312
CHR4	32314953	CHR4:32314953	SSF x LoA	-9,54070458	0,103	0,316
CHR4	32321949	CHR4:32321949	SSF x LoA	-5,75148453	0,202	0,289
CHR4	32321953	CHR4:32321953	SSF x LoA	-10,2813452	0,110	0,296
CHR4	32321987	CHR4:32321987	SSF x LoA	-11,1165741	0,050	0,305
CHR4	32331205	CHR4:32331205	SSF x LoA	-8,76447196	0,001	0,302
CHR4	32331216	CHR4:32331216	SSF x LoA	-10,6099485	0,020	0,314
CHR4	32331270	CHR4:32331270	SSF x LoA	-8,11733911	0,105	0,310
CHR4	32331275	CHR4:32331275	SSF x LoA	-10,470342	-0,008	0,319
CHR4	32331301	CHR4:32331301	SSF x LoA	-8,04029376	0,116	0,308
CHR4	32331396	CHR4:32331396	SSF x LoA	-10,9066418	0,021	0,304
CHR4	32331403	CHR4:32331403	SSF x LoA	-5,41084138	-0,035	0,293

CHR4	32333783	CHR4:32333783	SSF x LoA	-9,99689747	-0,048	0,301
CHR4	32333992	CHR4:32333992	SSF x LoA	-7,16180172	0,090	0,318
CHR4	32336625	CHR4:32336625	SSF x LoA	-5,80368591	-0,079	0,307
CHR4	32336694	CHR4:32336694	SSF x LoA	-8,10641722	-0,117	0,301
CHR4	32338271	CHR4:32338271	SSF x LoA	-6,2277363	-0,092	0,312
CHR4	32338275	CHR4:32338275	SSF x LoA	-10,2310487	-0,048	0,317
CHR4	32338537	CHR4:32338537	SSF x LoA	-12,2923606	-0,005	0,293
CHR4	32338572	CHR4:32338572	SSF x LoA	-10,5139675	0,016	0,325
CHR4	32356313	CHR4:32356313	SSF x LoA	-9,5402732	0,037	0,303
CHR4	32356501	CHR4:32356501	SSF x LoA	-9,31309931	0,005	0,306
CHR4	32356514	CHR4:32356514	SSF x LoA	-8,243282	0,102	0,306
CHR4	32356548	CHR4:32356548	SSF x LoA	-11,4788967	-0,057	0,300
CHR4	3235792	CHR4:3235792	SSF x LoA	-9,7582394	-0,016	0,302
CHR4	32364336	CHR4:32364336	SSF x LoA	-11,1399389	-0,004	0,308
CHR4	32368259	CHR4:32368259	SSF x LoA	-5,38077807	0,048	0,309
CHR4	32368289	CHR4:32368289	SSF x LoA	-8,44150679	0,061	0,295
CHR4	32368335	CHR4:32368335	SSF x LoA	-10,4876854	-0,101	0,304
CHR4	32368363	CHR4:32368363	SSF x LoA	-8,51419217	0,013	0,306
CHR4	32368447	CHR4:32368447	SSF x LoA	-9,61917513	0,018	0,312
CHR4	32368450	CHR4:32368450	SSF x LoA	-11,903084	-0,033	0,301
CHR4	32370051	CHR4:32370051	SSF x LoA	-10,8195686	-0,047	0,303
CHR4	32370122	CHR4:32370122	SSF x LoA	-7,49193796	-0,087	0,307
CHR4	32377041	CHR4:32377041	SSF x LoA	-7,02506225	-0,131	0,317
CHR4	32377075	CHR4:32377075	SSF x LoA	-10,1909768	0,028	0,304
CHR4	32377083	CHR4:32377083	SSF x LoA	-10,3710036	0,003	0,313
CHR4	32377239	CHR4:32377239	SSF x LoA	-11,3980706	0,041	0,305
CHR4	32377284	CHR4:32377284	SSF x LoA	-8,93880643	-0,061	0,302
CHR4	32378246	CHR4:32378246	SSF x LoA	-6,77571665	0,220	0,299
CHR4	32386955	CHR4:32386955	SSF x LoA	-9,27681994	0,065	0,294
CHR4	32386997	CHR4:32386997	SSF x LoA	-7,54050242	0,136	0,294
CHR4	32387210	CHR4:32387210	SSF x LoA	-10,4970344	0,036	0,308
CHR4	32392329	CHR4:32392329	SSF x LoA	-9,63341899	-0,081	0,308
CHR4	32419562	CHR4:32419562	SSF x LoA	-9,49342019	0,056	0,314
CHR4	32419626	CHR4:32419626	SSF x LoA	-10,3212773	-0,006	0,309
CHR4	32419639	CHR4:32419639	SSF x LoA	-9,55817489	-0,068	0,319
CHR4	32419672	CHR4:32419672	SSF x LoA	-9,98570512	0,110	0,318
CHR4	3242374	CHR4:3242374	SSF x LoA	-10,2987589	-0,034	0,314
CHR4	3242409	CHR4:3242409	SSF x LoA	-8,72110764	-0,024	0,307
CHR4	3242414	CHR4:3242414	SSF x LoA	-11,9317942	-0,028	0,287
CHR4	3242424	CHR4:3242424	SSF x LoA	-8,70847432	0,051	0,310
CHR4	3242434	CHR4:3242434	SSF x LoA	-6,93611481	-0,032	0,306
CHR4	32447997	CHR4:32447997	SSF x LoA	-10,1074384	0,039	0,325
CHR4	32448049	CHR4:32448049	SSF x LoA	-9,74952301	-0,039	0,312
CHR4	3244971	CHR4:3244971	SSF x LoA	-9,52904714	0,062	0,314
CHR4	3245085	CHR4:3245085	SSF x LoA	-8,75885104	0,034	0,308
CHR4	3245117	CHR4:3245117	SSF x LoA	-9,02985244	-0,038	0,312
CHR4	3245129	CHR4:3245129	SSF x LoA	-9,82845784	-0,041	0,309
CHR4	3245148	CHR4:3245148	SSF x LoA	-8,62797632	0,007	0,312
CHR4	3245199	CHR4:3245199	SSF x LoA	-9,00016963	-0,057	0,308
CHR4	32454207	CHR4:32454207	SSF x LoA	-11,2703241	-0,115	0,303
CHR4	32461242	CHR4:32461242	SSF x LoA	-10,808928	-0,064	0,309
CHR4	32461251	CHR4:32461251	SSF x LoA	-8,9812947	0,020	0,290
CHR4	32461318	CHR4:32461318	SSF x LoA	-12,1195524	-0,067	0,296

CHR4	32461427	CHR4:32461427	SSF x LoA	-7,14522361	0,094	0,301
CHR4	32476314	CHR4:32476314	SSF x LoA	-9,06799904	-0,128	0,314
CHR4	32476633	CHR4:32476633	SSF x LoA	-8,95926178	0,050	0,310
CHR4	32483384	CHR4:32483384	SSF x LoA	-10,4254674	0,065	0,307
CHR4	32483404	CHR4:32483404	SSF x LoA	-8,40684018	0,133	0,299
CHR4	32483579	CHR4:32483579	SSF x LoA	-0,75818828	-0,158	0,300
CHR4	32485993	CHR4:32485993	SSF x LoA	-8,0578737	-0,013	0,313
CHR4	32491942	CHR4:32491942	SSF x LoA	-6,430905	-0,102	0,306
CHR4	32491952	CHR4:32491952	SSF x LoA	-10,3206245	0,021	0,313
CHR4	32496661	CHR4:32496661	SSF x LoA	-8,29573655	-0,164	0,284
CHR4	32497203	CHR4:32497203	SSF x LoA	-10,0043864	-0,111	0,305
CHR4	32497217	CHR4:32497217	SSF x LoA	-7,75979341	-0,169	0,272
CHR4	32497223	CHR4:32497223	SSF x LoA	-8,18956405	-0,130	0,291
CHR4	32497226	CHR4:32497226	SSF x LoA	-9,20556313	-0,111	0,305
CHR4	32510970	CHR4:32510970	SSF x LoA	-11,035219	0,076	0,303
CHR4	32511062	CHR4:32511062	SSF x LoA	-9,23875201	-0,075	0,309
CHR4	32511997	CHR4:32511997	SSF x LoA	-9,03929218	0,037	0,298
CHR4	32513196	CHR4:32513196	SSF x LoA	-10,6763489	-0,039	0,306
CHR4	32515088	CHR4:32515088	SSF x LoA	-10,8296218	0,017	0,318
CHR4	32521280	CHR4:32521280	SSF x LoA	-11,1985294	0,049	0,310
CHR4	32527426	CHR4:32527426	SSF x LoA	-8,3131224	0,158	0,289
CHR4	32527648	CHR4:32527648	SSF x LoA	-7,68646097	-0,133	0,305
CHR4	32533058	CHR4:32533058	SSF x LoA	-11,0056427	0,006	0,302
CHR4	32533156	CHR4:32533156	SSF x LoA	-7,88728426	-0,101	0,300
CHR4	32533166	CHR4:32533166	SSF x LoA	-7,93519699	-0,131	0,301
CHR4	32537797	CHR4:32537797	SSF x LoA	-10,0350602	-0,037	0,303
CHR4	32537858	CHR4:32537858	SSF x LoA	-9,24334769	0,038	0,329
CHR4	32537888	CHR4:32537888	SSF x LoA	-11,5305646	-0,077	0,310
CHR4	32538000	CHR4:32538000	SSF x LoA	-12,1222882	-0,010	0,304
CHR4	32542023	CHR4:32542023	SSF x LoA	-9,82509778	0,146	0,303
CHR4	32542088	CHR4:32542088	SSF x LoA	-9,24545355	0,015	0,301
CHR4	32542853	CHR4:32542853	SSF x LoA	-8,14133984	0,088	0,308
CHR4	32545191	CHR4:32545191	SSF x LoA	-9,78840257	0,013	0,307
CHR4	32545292	CHR4:32545292	SSF x LoA	-11,6416331	-0,024	0,305
CHR4	32560730	CHR4:32560730	SSF x LoA	-9,44747018	0,081	0,298
CHR4	32560755	CHR4:32560755	SSF x LoA	-8,95267036	-0,030	0,302
CHR4	32560764	CHR4:32560764	SSF x LoA	-10,3887867	0,014	0,309
CHR4	32560787	CHR4:32560787	SSF x LoA	-11,6352958	-0,051	0,302
CHR4	32560805	CHR4:32560805	SSF x LoA	-9,53265625	-0,018	0,308
CHR4	32560827	CHR4:32560827	SSF x LoA	-10,0532833	0,015	0,313
CHR4	32560874	CHR4:32560874	SSF x LoA	-10,1481926	0,101	0,305
CHR4	32560940	CHR4:32560940	SSF x LoA	-8,2239779	0,105	0,300
CHR4	32560974	CHR4:32560974	SSF x LoA	-10,5563318	-0,004	0,303
CHR4	32560984	CHR4:32560984	SSF x LoA	-11,1399516	-0,025	0,327
CHR4	32560987	CHR4:32560987	SSF x LoA	-10,6162621	0,031	0,300
CHR4	32572575	CHR4:32572575	SSF x LoA	-11,5922062	-0,061	0,312
CHR4	32572639	CHR4:32572639	SSF x LoA	-10,3242371	0,093	0,306
CHR4	32572783	CHR4:32572783	SSF x LoA	-7,96779741	0,061	0,302
CHR4	32575761	CHR4:32575761	SSF x LoA	-10,4335428	0,003	0,314
CHR4	32575904	CHR4:32575904	SSF x LoA	-10,4470075	0,007	0,306
CHR4	32575948	CHR4:32575948	SSF x LoA	-10,1284178	-0,090	0,301
CHR4	32583194	CHR4:32583194	SSF x LoA	-8,91248302	0,068	0,297
CHR4	32583210	CHR4:32583210	SSF x LoA	-8,58101361	0,065	0,299

CHR4	32583282	CHR4:32583282	SSF x LoA	-8,48359647	0,031	0,300
CHR4	32589243	CHR4:32589243	SSF x LoA	-8,80054236	0,067	0,321
CHR4	32589987	CHR4:32589987	SSF x LoA	-9,24261531	0,073	0,312
CHR4	3259094	CHR4:3259094	SSF x LoA	-11,2950202	-0,047	0,295
CHR4	3259097	CHR4:3259097	SSF x LoA	-9,88983893	-0,078	0,294
CHR4	3259203	CHR4:3259203	SSF x LoA	-10,0192607	-0,014	0,325
CHR4	3259218	CHR4:3259218	SSF x LoA	-9,77271149	0,031	0,311
CHR4	32608177	CHR4:32608177	SSF x LoA	-4,92789905	-0,059	0,315
CHR4	32608275	CHR4:32608275	SSF x LoA	-10,8714874	0,069	0,316
CHR4	32614577	CHR4:32614577	SSF x LoA	-8,29526998	0,105	0,300
CHR4	32614593	CHR4:32614593	SSF x LoA	-9,65152148	0,014	0,316
CHR4	32614972	CHR4:32614972	SSF x LoA	-10,9163272	-0,071	0,309
CHR4	32617722	CHR4:32617722	SSF x LoA	-10,3256627	0,075	0,328
CHR4	32622533	CHR4:32622533	SSF x LoA	-8,18471251	-0,048	0,325
CHR4	32624553	CHR4:32624553	SSF x LoA	-10,4602001	-0,013	0,309
CHR4	32624585	CHR4:32624585	SSF x LoA	-6,41590117	-0,152	0,296
CHR4	32624597	CHR4:32624597	SSF x LoA	-7,70023084	-0,118	0,315
CHR4	32624602	CHR4:32624602	SSF x LoA	-8,43176695	-0,107	0,313
CHR4	32624647	CHR4:32624647	SSF x LoA	-7,06487194	0,011	0,324
CHR4	32624656	CHR4:32624656	SSF x LoA	-10,8556937	-0,009	0,319
CHR4	32624753	CHR4:32624753	SSF x LoA	-4,43137436	-0,175	0,293
CHR4	32633851	CHR4:32633851	SSF x LoA	-9,73908558	0,083	0,307
CHR4	32633894	CHR4:32633894	SSF x LoA	-9,52600414	-0,087	0,318
CHR4	32633999	CHR4:32633999	SSF x LoA	2,57015993	0,102	0,302
CHR4	32657470	CHR4:32657470	SSF x LoA	-3,74941619	0,140	0,294
CHR4	32666227	CHR4:32666227	SSF x LoA	-7,20310852	-0,218	0,284
CHR4	32666241	CHR4:32666241	SSF x LoA	-9,76711425	-0,158	0,293
CHR4	32668325	CHR4:32668325	SSF x LoA	-7,32940814	0,128	0,293
CHR4	32668374	CHR4:32668374	SSF x LoA	-8,27037729	-0,105	0,309
CHR4	32668543	CHR4:32668543	SSF x LoA	-8,23673993	0,098	0,300
CHR4	32668548	CHR4:32668548	SSF x LoA	-7,58926782	0,139	0,304
CHR4	32687908	CHR4:32687908	SSF x LoA	-8,50724504	0,125	0,309
CHR4	32703404	CHR4:32703404	SSF x LoA	-9,16496306	-0,100	0,296
CHR4	32717340	CHR4:32717340	SSF x LoA	-9,64728874	-0,034	0,317
CHR4	32717479	CHR4:32717479	SSF x LoA	-8,85463114	-0,104	0,312
CHR4	32717509	CHR4:32717509	SSF x LoA	-10,4669	-0,028	0,304
CHR4	32720482	CHR4:32720482	SSF x LoA	-11,5696146	-0,043	0,310
CHR4	32720584	CHR4:32720584	SSF x LoA	-8,20343614	-0,013	0,309
CHR4	32720585	CHR4:32720585	SSF x LoA	-4,27193541	0,146	0,301
CHR4	32720600	CHR4:32720600	SSF x LoA	-8,23785313	-0,037	0,311
CHR4	32731998	CHR4:32731998	SSF x LoA	-10,7633113	0,028	0,278
CHR4	32732027	CHR4:32732027	SSF x LoA	-9,57066391	0,144	0,306
CHR4	32736572	CHR4:32736572	SSF x LoA	-8,59679014	0,023	0,310
CHR4	32736608	CHR4:32736608	SSF x LoA	-9,01277654	0,022	0,308
CHR4	32736705	CHR4:32736705	SSF x LoA	-11,8442205	0,081	0,286
CHR4	32740355	CHR4:32740355	SSF x LoA	-8,85453007	0,068	0,291
CHR4	32740360	CHR4:32740360	SSF x LoA	-6,51121788	-0,054	0,302
CHR4	32740441	CHR4:32740441	SSF x LoA	-10,7507065	0,087	0,303
CHR4	32741140	CHR4:32741140	SSF x LoA	-11,2465662	-0,105	0,285
CHR4	32742166	CHR4:32742166	SSF x LoA	-9,27571071	-0,122	0,300
CHR4	32742215	CHR4:32742215	SSF x LoA	-11,3003067	-0,073	0,322
CHR4	32743522	CHR4:32743522	SSF x LoA	-9,12339946	-0,056	0,316
CHR4	32746538	CHR4:32746538	SSF x LoA	-7,12838186	-0,032	0,310

CHR4	32753263	CHR4:32753263	SSF x LoA	-2,91070059	-0,107	0,301
CHR4	32753440	CHR4:32753440	SSF x LoA	-7,96532259	0,141	0,301
CHR4	32753452	CHR4:32753452	SSF x LoA	-11,2545785	0,000	0,316
CHR4	32753467	CHR4:32753467	SSF x LoA	-11,1964649	-0,013	0,323
CHR4	32755491	CHR4:32755491	SSF x LoA	-0,15270008	-0,146	0,305
CHR4	32755517	CHR4:32755517	SSF x LoA	-9,51582026	-0,044	0,304
CHR4	32755683	CHR4:32755683	SSF x LoA	-11,8492069	0,051	0,296
CHR4	32755705	CHR4:32755705	SSF x LoA	-9,97896505	-0,107	0,292
CHR4	32766922	CHR4:32766922	SSF x LoA	-7,63935688	0,126	0,300
CHR4	32768247	CHR4:32768247	SSF x LoA	-8,39320397	0,035	0,306
CHR4	32768250	CHR4:32768250	SSF x LoA	-9,20336055	-0,108	0,299
CHR4	32773483	CHR4:32773483	SSF x LoA	-8,00494638	-0,017	0,298
CHR4	32773569	CHR4:32773569	SSF x LoA	-9,92657943	0,013	0,313
CHR4	32774562	CHR4:32774562	SSF x LoA	-7,21449171	-0,107	0,294
CHR4	32775582	CHR4:32775582	SSF x LoA	-8,9401926	0,031	0,315
CHR4	32775590	CHR4:32775590	SSF x LoA	-9,04128624	0,012	0,305
CHR4	32775641	CHR4:32775641	SSF x LoA	-9,44232981	0,005	0,313
CHR4	32775643	CHR4:32775643	SSF x LoA	-9,18966183	-0,022	0,298
CHR4	32779466	CHR4:32779466	SSF x LoA	-8,54644295	0,022	0,305
CHR4	32779475	CHR4:32779475	SSF x LoA	-7,31448116	0,155	0,304
CHR4	32779483	CHR4:32779483	SSF x LoA	-8,58165757	-0,130	0,315
CHR4	32779485	CHR4:32779485	SSF x LoA	-8,60774906	-0,064	0,293
CHR4	32779555	CHR4:32779555	SSF x LoA	-7,44883821	0,043	0,331
CHR4	32779560	CHR4:32779560	SSF x LoA	-7,45610392	-0,137	0,303
CHR4	32779572	CHR4:32779572	SSF x LoA	5,76574012	0,138	0,316
CHR4	32796466	CHR4:32796466	SSF x LoA	-8,82909232	-0,133	0,304
CHR4	32796503	CHR4:32796503	SSF x LoA	-7,90741549	-0,186	0,296
CHR4	32796547	CHR4:32796547	SSF x LoA	-6,36619484	-0,067	0,306
CHR4	32802870	CHR4:32802870	SSF x LoA	-9,63347776	-0,019	0,306
CHR4	32802877	CHR4:32802877	SSF x LoA	-7,38499326	-0,172	0,289
CHR4	32803140	CHR4:32803140	SSF x LoA	-8,57171695	-0,062	0,296
CHR4	32803217	CHR4:32803217	SSF x LoA	-11,6580984	0,060	0,303
CHR4	32807005	CHR4:32807005	SSF x LoA	-8,75184552	-0,069	0,310
CHR4	32807028	CHR4:32807028	SSF x LoA	-9,17498016	0,071	0,310
CHR4	32807069	CHR4:32807069	SSF x LoA	-9,25853748	0,008	0,321
CHR4	32808252	CHR4:32808252	SSF x LoA	-11,2124384	-0,053	0,316
CHR4	32808254	CHR4:32808254	SSF x LoA	-9,46613191	0,034	0,297
CHR4	32808304	CHR4:32808304	SSF x LoA	-8,46672278	0,024	0,309
CHR4	32808348	CHR4:32808348	SSF x LoA	-7,68004778	0,057	0,309
CHR4	32809169	CHR4:32809169	SSF x LoA	-11,3248908	0,032	0,312
CHR4	32809414	CHR4:32809414	SSF x LoA	-8,06478249	0,058	0,302
CHR4	32809426	CHR4:32809426	SSF x LoA	-10,9576453	-0,048	0,277
CHR4	32821118	CHR4:32821118	SSF x LoA	9,57684496	-0,022	0,322
CHR4	32834575	CHR4:32834575	SSF x LoA	-7,93855492	0,112	0,301
CHR4	32836556	CHR4:32836556	SSF x LoA	-10,1506119	-0,028	0,304
CHR4	32836578	CHR4:32836578	SSF x LoA	-8,54337296	-0,065	0,314
CHR4	32838357	CHR4:32838357	SSF x LoA	-9,11734749	-0,112	0,304
CHR4	32842543	CHR4:32842543	SSF x LoA	-9,60952566	0,050	0,319
CHR4	32849197	CHR4:32849197	SSF x LoA	-9,18033995	0,077	0,297
CHR4	32855461	CHR4:32855461	SSF x LoA	-10,9184384	-0,019	0,303
CHR4	32855575	CHR4:32855575	SSF x LoA	-9,02831141	-0,140	0,302
CHR4	32855603	CHR4:32855603	SSF x LoA	-0,70466233	0,116	0,305
CHR4	32861917	CHR4:32861917	SSF x LoA	-9,97535897	-0,042	0,317

CHR4	32862020	CHR4:32862020	SSF x LoA	-10,9832586	-0,024	0,309
CHR4	32862113	CHR4:32862113	SSF x LoA	-9,03247966	-0,010	0,293
CHR4	32875280	CHR4:32875280	SSF x LoA	-4,45403988	-0,122	0,299
CHR4	32909707	CHR4:32909707	SSF x LoA	-8,03552523	0,067	0,305
CHR4	32911521	CHR4:32911521	SSF x LoA	-10,5271988	0,008	0,310
CHR4	32915420	CHR4:32915420	SSF x LoA	-9,73069962	0,056	0,306
CHR4	32915521	CHR4:32915521	SSF x LoA	-10,1501984	0,032	0,279
CHR4	32915541	CHR4:32915541	SSF x LoA	-7,59808009	-0,068	0,296
CHR4	32915645	CHR4:32915645	SSF x LoA	-8,03268069	0,051	0,307
CHR4	32926120	CHR4:32926120	SSF x LoA	-11,5803219	0,032	0,300
CHR4	32935961	CHR4:32935961	SSF x LoA	5,34463989	0,113	0,304
CHR4	32942196	CHR4:32942196	SSF x LoA	-5,74067794	-0,078	0,302
CHR4	32942220	CHR4:32942220	SSF x LoA	-6,60977008	-0,090	0,309
CHR4	32943881	CHR4:32943881	SSF x LoA	-9,80857846	-0,069	0,307
CHR4	32943908	CHR4:32943908	SSF x LoA	-6,75787016	-0,059	0,293
CHR4	32958555	CHR4:32958555	SSF x LoA	-6,42998479	-0,152	0,290
CHR4	32962788	CHR4:32962788	SSF x LoA	-11,1512307	0,017	0,300
CHR4	32962816	CHR4:32962816	SSF x LoA	-7,07328902	0,032	0,300
CHR4	32962900	CHR4:32962900	SSF x LoA	-10,9250168	-0,031	0,320
CHR4	32990196	CHR4:32990196	SSF x LoA	-7,80951385	0,123	0,307
CHR4	32990248	CHR4:32990248	SSF x LoA	-10,3810336	-0,008	0,295
CHR4	32990258	CHR4:32990258	SSF x LoA	-8,09864824	0,059	0,310
CHR4	32990268	CHR4:32990268	SSF x LoA	-9,50409224	0,005	0,309
CHR4	32990286	CHR4:32990286	SSF x LoA	-9,27997894	-0,037	0,306
CHR4	32998247	CHR4:32998247	SSF x LoA	-7,50998058	-0,070	0,300
CHR4	32998433	CHR4:32998433	SSF x LoA	-10,3606981	-0,008	0,315
CHR4	33006705	CHR4:33006705	SSF x LoA	-9,72860738	-0,041	0,291
CHR4	33010510	CHR4:33010510	SSF x LoA	-9,00156634	0,001	0,301
CHR4	3302998	CHR4:3302998	SSF x LoA	-7,69600206	0,099	0,319
CHR4	3303106	CHR4:3303106	SSF x LoA	-10,914999	0,080	0,302
CHR4	3303426	CHR4:3303426	SSF x LoA	-5,90061932	0,178	0,297
CHR4	33053791	CHR4:33053791	SSF x LoA	-8,33878479	-0,068	0,319
CHR4	33072638	CHR4:33072638	SSF x LoA	-10,1764213	-0,088	0,305
CHR4	33072640	CHR4:33072640	SSF x LoA	-3,16540717	0,078	0,297
CHR4	33072651	CHR4:33072651	SSF x LoA	-9,91853882	-0,014	0,308
CHR4	33072664	CHR4:33072664	SSF x LoA	-9,02838432	0,034	0,304
CHR4	33072691	CHR4:33072691	SSF x LoA	-9,22338528	-0,027	0,304
CHR4	33075950	CHR4:33075950	SSF x LoA	-11,2239817	0,021	0,297
CHR4	33075993	CHR4:33075993	SSF x LoA	-8,92099311	0,092	0,319
CHR4	33076142	CHR4:33076142	SSF x LoA	-8,76419353	-0,005	0,310
CHR4	33076232	CHR4:33076232	SSF x LoA	-9,81851218	0,023	0,316
CHR4	33081054	CHR4:33081054	SSF x LoA	-9,11637475	0,038	0,308
CHR4	33081180	CHR4:33081180	SSF x LoA	-8,40273157	0,040	0,297
CHR4	33081232	CHR4:33081232	SSF x LoA	-10,5789489	-0,103	0,314
CHR4	33081235	CHR4:33081235	SSF x LoA	-8,3222707	-0,153	0,312
CHR4	33081267	CHR4:33081267	SSF x LoA	-7,60911386	0,127	0,311
CHR4	33081277	CHR4:33081277	SSF x LoA	-8,94887442	0,078	0,297
CHR4	33087591	CHR4:33087591	SSF x LoA	-9,92169938	-0,018	0,291
CHR4	33087596	CHR4:33087596	SSF x LoA	-8,38766423	0,095	0,314
CHR4	33103378	CHR4:33103378	SSF x LoA	-6,2638573	0,008	0,303
CHR4	33122434	CHR4:33122434	SSF x LoA	-8,55853936	-0,122	0,296
CHR4	33122446	CHR4:33122446	SSF x LoA	-10,3149305	0,082	0,301
CHR4	33126236	CHR4:33126236	SSF x LoA	-9,38302455	0,014	0,317

CHR4	33126285	CHR4:33126285	SSF x LoA	-11,0710112	0,109	0,288
CHR4	33143004	CHR4:33143004	SSF x LoA	-9,42483975	0,016	0,303
CHR4	33143183	CHR4:33143183	SSF x LoA	-8,04764624	-0,151	0,306
CHR4	33148300	CHR4:33148300	SSF x LoA	-9,77368839	-0,031	0,299
CHR4	33163172	CHR4:33163172	SSF x LoA	-10,9603591	-0,045	0,300
CHR4	3316378	CHR4:3316378	SSF x LoA	-9,4056222	-0,027	0,308
CHR4	33174038	CHR4:33174038	SSF x LoA	-10,0937035	0,050	0,300
CHR4	33174060	CHR4:33174060	SSF x LoA	-10,3868036	0,044	0,308
CHR4	33174087	CHR4:33174087	SSF x LoA	-11,040751	0,024	0,312
CHR4	33174093	CHR4:33174093	SSF x LoA	-9,44686	0,071	0,312
CHR4	33174102	CHR4:33174102	SSF x LoA	-10,3758273	-0,021	0,312
CHR4	33174169	CHR4:33174169	SSF x LoA	-8,03917358	0,079	0,300
CHR4	33174189	CHR4:33174189	SSF x LoA	-8,15010248	-0,079	0,298
CHR4	33174198	CHR4:33174198	SSF x LoA	-10,0344443	0,037	0,292
CHR4	33174204	CHR4:33174204	SSF x LoA	-10,8216226	0,059	0,307
CHR4	33174225	CHR4:33174225	SSF x LoA	-9,27282226	0,076	0,314
CHR4	33183111	CHR4:33183111	SSF x LoA	-8,14467226	-0,046	0,307
CHR4	33184138	CHR4:33184138	SSF x LoA	-9,36609698	0,012	0,315
CHR4	33184143	CHR4:33184143	SSF x LoA	-7,74546022	-0,121	0,298
CHR4	33184144	CHR4:33184144	SSF x LoA	-5,4419595	0,166	0,299
CHR4	33184151	CHR4:33184151	SSF x LoA	-3,11725575	0,019	0,310
CHR4	33184183	CHR4:33184183	SSF x LoA	-10,7302677	0,061	0,300
CHR4	33184195	CHR4:33184195	SSF x LoA	-10,5033877	0,051	0,313
CHR4	33184231	CHR4:33184231	SSF x LoA	-9,70310243	-0,037	0,308
CHR4	3318670	CHR4:3318670	SSF x LoA	-7,08776985	0,074	0,308
CHR4	3318714	CHR4:3318714	SSF x LoA	-7,20144073	0,115	0,305
CHR4	3318738	CHR4:3318738	SSF x LoA	-9,35794539	0,005	0,308
CHR4	3318869	CHR4:3318869	SSF x LoA	-7,89876197	0,080	0,313
CHR4	3318897	CHR4:3318897	SSF x LoA	-7,85574744	0,023	0,318
CHR4	33195894	CHR4:33195894	SSF x LoA	-9,10158108	-0,048	0,317
CHR4	33206273	CHR4:33206273	SSF x LoA	-11,4042451	-0,049	0,312
CHR4	33206422	CHR4:33206422	SSF x LoA	-8,17209377	0,009	0,303
CHR4	33206436	CHR4:33206436	SSF x LoA	-9,94201489	0,065	0,309
CHR4	33206437	CHR4:33206437	SSF x LoA	-9,43939852	0,064	0,308
CHR4	33206489	CHR4:33206489	SSF x LoA	-9,28154141	-0,003	0,315
CHR4	33206530	CHR4:33206530	SSF x LoA	-5,13082326	-0,100	0,303
CHR4	33206541	CHR4:33206541	SSF x LoA	-8,55621416	0,038	0,311
CHR4	33210199	CHR4:33210199	SSF x LoA	-7,13732241	-0,032	0,298
CHR4	33217311	CHR4:33217311	SSF x LoA	-8,57738178	-0,032	0,307
CHR4	33218033	CHR4:33218033	SSF x LoA	-7,59000069	-0,085	0,301
CHR4	33219017	CHR4:33219017	SSF x LoA	-10,0482263	0,082	0,304
CHR4	33219051	CHR4:33219051	SSF x LoA	-8,05252647	0,068	0,320
CHR4	33219077	CHR4:33219077	SSF x LoA	-7,48796679	0,103	0,312
CHR4	33219108	CHR4:33219108	SSF x LoA	-10,3106114	-0,008	0,307
CHR4	33219112	CHR4:33219112	SSF x LoA	-9,75308228	-0,073	0,295
CHR4	33221942	CHR4:33221942	SSF x LoA	-11,0009789	-0,026	0,314
CHR4	33222019	CHR4:33222019	SSF x LoA	-9,24431752	0,059	0,312
CHR4	33222020	CHR4:33222020	SSF x LoA	-11,8654742	0,006	0,308
CHR4	33222122	CHR4:33222122	SSF x LoA	-9,72103015	-0,018	0,308
CHR4	33222147	CHR4:33222147	SSF x LoA	-7,62434434	-0,137	0,294
CHR4	33222185	CHR4:33222185	SSF x LoA	-6,65903137	-0,067	0,313
CHR4	33230813	CHR4:33230813	SSF x LoA	-11,2176964	-0,017	0,295
CHR4	33230909	CHR4:33230909	SSF x LoA	-11,3429666	0,023	0,305

CHR4	33230912	CHR4:33230912	SSF x LoA	-10,758438	0,054	0,292
CHR4	33234143	CHR4:33234143	SSF x LoA	-10,4342041	0,077	0,306
CHR4	33234229	CHR4:33234229	SSF x LoA	-11,1353891	-0,060	0,309
CHR4	33234234	CHR4:33234234	SSF x LoA	-11,4149279	0,027	0,316
CHR4	33237391	CHR4:33237391	SSF x LoA	-10,1987164	0,047	0,323
CHR4	33243308	CHR4:33243308	SSF x LoA	-6,53851413	0,199	0,296
CHR4	33243510	CHR4:33243510	SSF x LoA	-7,89341578	0,011	0,308
CHR4	33243667	CHR4:33243667	SSF x LoA	-11,5425769	0,021	0,305
CHR4	33243727	CHR4:33243727	SSF x LoA	-6,56191645	0,162	0,306
CHR4	33243734	CHR4:33243734	SSF x LoA	-7,61301872	-0,151	0,313
CHR4	33243739	CHR4:33243739	SSF x LoA	-9,5215713	-0,037	0,308
CHR4	33243776	CHR4:33243776	SSF x LoA	-8,64390581	0,083	0,311
CHR4	33243785	CHR4:33243785	SSF x LoA	-11,443283	-0,049	0,310
CHR4	33283310	CHR4:33283310	SSF x LoA	-8,98355983	0,140	0,299
CHR4	33283311	CHR4:33283311	SSF x LoA	-10,3950715	0,114	0,303
CHR4	33295350	CHR4:33295350	SSF x LoA	-8,38592722	-0,008	0,319
CHR4	33295359	CHR4:33295359	SSF x LoA	-8,78907691	-0,027	0,316
CHR4	33295426	CHR4:33295426	SSF x LoA	-9,17316413	-0,007	0,311
CHR4	33295428	CHR4:33295428	SSF x LoA	-8,73652859	-0,010	0,317
CHR4	33295440	CHR4:33295440	SSF x LoA	-7,35580635	-0,033	0,304
CHR4	33295571	CHR4:33295571	SSF x LoA	-7,9770738	0,015	0,306
CHR4	33317955	CHR4:33317955	SSF x LoA	-8,01589808	0,066	0,316
CHR4	33318002	CHR4:33318002	SSF x LoA	-10,4773302	-0,024	0,315
CHR4	33318016	CHR4:33318016	SSF x LoA	0,74074502	0,035	0,308
CHR4	33318032	CHR4:33318032	SSF x LoA	-6,1053311	0,164	0,283
CHR4	33343968	CHR4:33343968	SSF x LoA	-11,1263508	0,023	0,307
CHR4	33353930	CHR4:33353930	SSF x LoA	-9,20591006	-0,091	0,300
CHR4	33353962	CHR4:33353962	SSF x LoA	-8,56646462	0,030	0,293
CHR4	33353990	CHR4:33353990	SSF x LoA	-8,56408426	0,113	0,304
CHR4	33375751	CHR4:33375751	SSF x LoA	-10,236949	-0,017	0,307
CHR4	33375790	CHR4:33375790	SSF x LoA	-10,5981852	-0,009	0,293
CHR4	33375844	CHR4:33375844	SSF x LoA	-8,89334508	-0,078	0,310
CHR4	33375876	CHR4:33375876	SSF x LoA	-9,95187018	0,083	0,316
CHR4	33375893	CHR4:33375893	SSF x LoA	-6,10876724	-0,024	0,300
CHR4	33375917	CHR4:33375917	SSF x LoA	-10,0910391	-0,045	0,318
CHR4	3337858	CHR4:3337858	SSF x LoA	-9,18902864	0,050	0,302
CHR4	3337888	CHR4:3337888	SSF x LoA	-8,75499536	-0,119	0,299
CHR4	3337918	CHR4:3337918	SSF x LoA	-8,67252831	0,003	0,314
CHR4	3337922	CHR4:3337922	SSF x LoA	-10,1590435	-0,040	0,299
CHR4	33386634	CHR4:33386634	SSF x LoA	-9,09816037	0,010	0,303
CHR4	33390288	CHR4:33390288	SSF x LoA	-7,27254617	0,007	0,323
CHR4	33403930	CHR4:33403930	SSF x LoA	-10,6121771	-0,011	0,302
CHR4	33403937	CHR4:33403937	SSF x LoA	-9,57353903	0,020	0,300
CHR4	33404156	CHR4:33404156	SSF x LoA	-11,4246441	-0,072	0,307
CHR4	33404157	CHR4:33404157	SSF x LoA	-9,10971903	0,037	0,297
CHR4	33404261	CHR4:33404261	SSF x LoA	-8,14643903	-0,141	0,294
CHR4	33412381	CHR4:33412381	SSF x LoA	-11,3281449	0,052	0,297
CHR4	33412400	CHR4:33412400	SSF x LoA	-10,4221055	-0,008	0,293
CHR4	33412462	CHR4:33412462	SSF x LoA	-11,8288598	0,047	0,310
CHR4	33412496	CHR4:33412496	SSF x LoA	-11,1942996	-0,037	0,296
CHR4	33412603	CHR4:33412603	SSF x LoA	-8,85961755	0,030	0,303
CHR4	33412690	CHR4:33412690	SSF x LoA	-9,98090522	-0,061	0,295
CHR4	33415582	CHR4:33415582	SSF x LoA	-10,3081643	0,035	0,298

CHR4	3341619	CHR4:3341619	SSF x LoA	-10,8363676	0,005	0,296
CHR4	33448656	CHR4:33448656	SSF x LoA	-12,3023092	0,047	0,298
CHR4	33456721	CHR4:33456721	SSF x LoA	-12,0553707	0,048	0,301
CHR4	3349786	CHR4:3349786	SSF x LoA	-8,91484023	0,056	0,312
CHR4	3349787	CHR4:3349787	SSF x LoA	-9,02060109	0,024	0,306
CHR4	3349815	CHR4:3349815	SSF x LoA	-8,97142092	-0,079	0,316
CHR4	3351592	CHR4:3351592	SSF x LoA	-8,56573488	0,004	0,301
CHR4	3352871	CHR4:3352871	SSF x LoA	-11,6570528	-0,039	0,312
CHR4	33541332	CHR4:33541332	SSF x LoA	-7,94318248	0,090	0,317
CHR4	3355327	CHR4:3355327	SSF x LoA	-9,87569575	-0,025	0,308
CHR4	3355332	CHR4:3355332	SSF x LoA	-5,79817727	0,069	0,297
CHR4	3355487	CHR4:3355487	SSF x LoA	-11,8662428	-0,014	0,304
CHR4	3355514	CHR4:3355514	SSF x LoA	-10,9706896	-0,064	0,311
CHR4	33580762	CHR4:33580762	SSF x LoA	-7,28552625	0,121	0,314
CHR4	33580841	CHR4:33580841	SSF x LoA	-8,67473638	-0,029	0,314
CHR4	33580952	CHR4:33580952	SSF x LoA	-7,9026991	0,094	0,312
CHR4	33583222	CHR4:33583222	SSF x LoA	-9,10006286	-0,011	0,324
CHR4	33588028	CHR4:33588028	SSF x LoA	-8,98104129	0,100	0,311
CHR4	33588078	CHR4:33588078	SSF x LoA	-9,36913978	0,025	0,316
CHR4	33592584	CHR4:33592584	SSF x LoA	-8,66215421	-0,026	0,320
CHR4	33592719	CHR4:33592719	SSF x LoA	-8,73040663	0,108	0,297
CHR4	33607279	CHR4:33607279	SSF x LoA	-10,8344612	-0,135	0,295
CHR4	33611492	CHR4:33611492	SSF x LoA	-5,6715814	0,100	0,308
CHR4	33612365	CHR4:33612365	SSF x LoA	-8,99840921	0,128	0,302
CHR4	33617884	CHR4:33617884	SSF x LoA	-9,96536174	-0,009	0,312
CHR4	33620667	CHR4:33620667	SSF x LoA	-8,06901615	-0,187	0,283
CHR4	33620780	CHR4:33620780	SSF x LoA	-8,25522971	-0,081	0,309
CHR4	33622156	CHR4:33622156	SSF x LoA	-7,66610606	-0,033	0,311
CHR4	33622220	CHR4:33622220	SSF x LoA	-9,78021187	0,044	0,294
CHR4	33622242	CHR4:33622242	SSF x LoA	-8,25980495	0,128	0,302
CHR4	33622262	CHR4:33622262	SSF x LoA	-6,43706149	0,138	0,310
CHR4	33622288	CHR4:33622288	SSF x LoA	-8,2530807	0,114	0,305
CHR4	33622298	CHR4:33622298	SSF x LoA	-10,5324163	-0,065	0,310
CHR4	33622312	CHR4:33622312	SSF x LoA	-10,0287351	-0,075	0,301
CHR4	33625464	CHR4:33625464	SSF x LoA	-8,13991958	-0,099	0,301
CHR4	33625509	CHR4:33625509	SSF x LoA	-11,0039497	-0,009	0,316
CHR4	33634552	CHR4:33634552	SSF x LoA	-8,0826986	-0,080	0,320
CHR4	33634735	CHR4:33634735	SSF x LoA	-7,67022026	-0,119	0,307
CHR4	33636478	CHR4:33636478	SSF x LoA	-7,01194406	-0,013	0,313
CHR4	33637112	CHR4:33637112	SSF x LoA	-10,6067151	0,007	0,291
CHR4	33643512	CHR4:33643512	SSF x LoA	-10,483504	-0,055	0,306
CHR4	33643629	CHR4:33643629	SSF x LoA	-11,4031832	-0,063	0,304
CHR4	33655663	CHR4:33655663	SSF x LoA	-11,2482748	-0,009	0,305
CHR4	33655892	CHR4:33655892	SSF x LoA	-7,10291198	0,023	0,298
CHR4	33673505	CHR4:33673505	SSF x LoA	-8,75760726	-0,079	0,295
CHR4	33673539	CHR4:33673539	SSF x LoA	-9,91080254	0,026	0,314
CHR4	33673641	CHR4:33673641	SSF x LoA	-9,89999368	0,049	0,307
CHR4	33673666	CHR4:33673666	SSF x LoA	-9,51410724	0,035	0,304
CHR4	33673737	CHR4:33673737	SSF x LoA	-9,21016729	-0,036	0,311
CHR4	33675258	CHR4:33675258	SSF x LoA	-9,98221019	-0,093	0,296
CHR4	33675269	CHR4:33675269	SSF x LoA	-9,17618329	-0,049	0,310
CHR4	33675277	CHR4:33675277	SSF x LoA	-11,4788259	0,008	0,314
CHR4	33675296	CHR4:33675296	SSF x LoA	-8,50871227	-0,080	0,308

CHR4	33675326	CHR4:33675326	SSF x LoA	-10,2830186	-0,020	0,312
CHR4	33675341	CHR4:33675341	SSF x LoA	-8,32174217	-0,082	0,312
CHR4	33675359	CHR4:33675359	SSF x LoA	-9,31716688	-0,086	0,300
CHR4	33675406	CHR4:33675406	SSF x LoA	-7,59231825	-0,102	0,311
CHR4	33675470	CHR4:33675470	SSF x LoA	-9,08844986	-0,013	0,307
CHR4	33684562	CHR4:33684562	SSF x LoA	-10,2954115	-0,031	0,304
CHR4	33684588	CHR4:33684588	SSF x LoA	-10,3220417	-0,017	0,321
CHR4	33684593	CHR4:33684593	SSF x LoA	14,4607812	0,104	0,319
CHR4	33685071	CHR4:33685071	SSF x LoA	-8,41513046	0,033	0,315
CHR4	33689578	CHR4:33689578	SSF x LoA	-9,13982422	0,158	0,311
CHR4	33689715	CHR4:33689715	SSF x LoA	-5,05995291	-0,003	0,308
CHR4	33689716	CHR4:33689716	SSF x LoA	-9,73835957	-0,030	0,292
CHR4	33689717	CHR4:33689717	SSF x LoA	-9,36454081	-0,055	0,304
CHR4	33693867	CHR4:33693867	SSF x LoA	-9,70603872	0,112	0,298
CHR4	33696482	CHR4:33696482	SSF x LoA	-12,0405056	0,044	0,289
CHR4	33697093	CHR4:33697093	SSF x LoA	-5,53825038	-0,008	0,314
CHR4	33697235	CHR4:33697235	SSF x LoA	-6,37624018	0,100	0,299
CHR4	33697283	CHR4:33697283	SSF x LoA	-8,56383159	-0,130	0,286
CHR4	33711709	CHR4:33711709	SSF x LoA	-10,736227	0,044	0,317
CHR4	33719910	CHR4:33719910	SSF x LoA	-10,2322749	-0,021	0,306
CHR4	33732963	CHR4:33732963	SSF x LoA	-5,04131981	-0,161	0,294
CHR4	33732993	CHR4:33732993	SSF x LoA	-11,2516807	0,085	0,300
CHR4	33744603	CHR4:33744603	SSF x LoA	-8,24419228	0,018	0,299
CHR4	33744654	CHR4:33744654	SSF x LoA	-9,73730141	-0,010	0,309
CHR4	33744669	CHR4:33744669	SSF x LoA	-10,7031528	0,076	0,314
CHR4	33745789	CHR4:33745789	SSF x LoA	-8,2981767	-0,098	0,308
CHR4	33745800	CHR4:33745800	SSF x LoA	-8,01326446	-0,076	0,311
CHR4	33745827	CHR4:33745827	SSF x LoA	-7,53198504	-0,160	0,300
CHR4	33755704	CHR4:33755704	SSF x LoA	-7,0959581	-0,170	0,307
CHR4	33758435	CHR4:33758435	SSF x LoA	-7,87410416	0,020	0,313
CHR4	33758583	CHR4:33758583	SSF x LoA	-10,9858023	0,044	0,296
CHR4	33758596	CHR4:33758596	SSF x LoA	-9,6454825	0,037	0,314
CHR4	33758615	CHR4:33758615	SSF x LoA	-10,5297212	0,029	0,304
CHR4	33779763	CHR4:33779763	SSF x LoA	-10,4453471	0,095	0,308
CHR4	33779914	CHR4:33779914	SSF x LoA	-9,3353703	0,035	0,306
CHR4	3381194	CHR4:3381194	SSF x LoA	-9,53876559	-0,001	0,308
CHR4	3381199	CHR4:3381199	SSF x LoA	-9,44867609	-0,001	0,315
CHR4	33825475	CHR4:33825475	SSF x LoA	-6,49540189	0,044	0,321
CHR4	33883543	CHR4:33883543	SSF x LoA	-9,99981334	0,095	0,301
CHR4	33897393	CHR4:33897393	SSF x LoA	-10,1930621	0,070	0,317
CHR4	3403662	CHR4:3403662	SSF x LoA	-7,93427651	0,063	0,306
CHR4	3409007	CHR4:3409007	SSF x LoA	-12,2625565	0,012	0,306
CHR4	3417988	CHR4:3417988	SSF x LoA	-10,0084398	-0,033	0,317
CHR4	3417989	CHR4:3417989	SSF x LoA	-9,57330724	-0,042	0,302
CHR4	3426418	CHR4:3426418	SSF x LoA	-9,14346454	0,001	0,316
CHR4	3432475	CHR4:3432475	SSF x LoA	-10,7049629	0,057	0,305
CHR4	3432624	CHR4:3432624	SSF x LoA	-10,9685589	0,037	0,312
CHR4	346297	CHR4:346297	SSF x LoA	-10,3146115	-0,053	0,314
CHR4	3463135	CHR4:3463135	SSF x LoA	-5,14608831	0,194	0,301
CHR4	346380	CHR4:346380	SSF x LoA	-8,97902284	-0,074	0,294
CHR4	3472881	CHR4:3472881	SSF x LoA	-8,00959309	-0,139	0,292
CHR4	3484022	CHR4:3484022	SSF x LoA	-9,11960313	-0,117	0,298
CHR4	3484276	CHR4:3484276	SSF x LoA	-10,0822478	-0,009	0,305

CHR4	3484343	CHR4:3484343	SSF x LoA	-9,70886284	-0,006	0,302
CHR4	3493155	CHR4:3493155	SSF x LoA	-6,7577445	-0,108	0,311
CHR4	3493228	CHR4:3493228	SSF x LoA	-8,84500393	-0,037	0,300
CHR4	3493251	CHR4:3493251	SSF x LoA	-7,18985964	-0,064	0,291
CHR4	3510955	CHR4:3510955	SSF x LoA	-9,07520024	-0,007	0,312
CHR4	3512278	CHR4:3512278	SSF x LoA	-10,4856806	-0,037	0,299
CHR4	3513413	CHR4:3513413	SSF x LoA	-8,23810845	-0,073	0,302
CHR4	3517980	CHR4:3517980	SSF x LoA	-11,0925961	0,077	0,314
CHR4	3517999	CHR4:3517999	SSF x LoA	-10,4486424	0,085	0,313
CHR4	3518018	CHR4:3518018	SSF x LoA	-9,16367657	0,087	0,312
CHR4	3518108	CHR4:3518108	SSF x LoA	-9,98193031	-0,089	0,288
CHR4	3518141	CHR4:3518141	SSF x LoA	-10,0034161	0,091	0,291
CHR4	3518177	CHR4:3518177	SSF x LoA	-7,0665778	0,012	0,324
CHR4	3520020	CHR4:3520020	SSF x LoA	-10,1033304	-0,065	0,285
CHR4	3520041	CHR4:3520041	SSF x LoA	-8,50763212	0,108	0,303
CHR4	352374	CHR4:352374	SSF x LoA	-10,4587404	0,011	0,309
CHR4	352402	CHR4:352402	SSF x LoA	-8,55534539	-0,004	0,296
CHR4	352470	CHR4:352470	SSF x LoA	-9,76642826	0,004	0,329
CHR4	352496	CHR4:352496	SSF x LoA	-7,91702376	-0,041	0,305
CHR4	3530763	CHR4:3530763	SSF x LoA	-9,61782002	-0,027	0,302
CHR4	3530764	CHR4:3530764	SSF x LoA	-7,64961444	0,187	0,283
CHR4	3532395	CHR4:3532395	SSF x LoA	-6,13924744	-0,095	0,302
CHR4	3532400	CHR4:3532400	SSF x LoA	-11,4237983	0,010	0,323
CHR4	3539339	CHR4:3539339	SSF x LoA	-7,40030495	0,055	0,306
CHR4	3542663	CHR4:3542663	SSF x LoA	-8,81469746	-0,068	0,315
CHR4	3545421	CHR4:3545421	SSF x LoA	-7,53287215	-0,047	0,309
CHR4	3552134	CHR4:3552134	SSF x LoA	-5,81383725	-0,122	0,303
CHR4	3552166	CHR4:3552166	SSF x LoA	-7,68320307	0,088	0,310
CHR4	3552259	CHR4:3552259	SSF x LoA	-9,79567391	-0,008	0,294
CHR4	3552261	CHR4:3552261	SSF x LoA	-9,82982653	0,010	0,307
CHR4	3552272	CHR4:3552272	SSF x LoA	-10,5217236	0,056	0,310
CHR4	3557393	CHR4:3557393	SSF x LoA	-9,6271967	0,015	0,296
CHR4	3557471	CHR4:3557471	SSF x LoA	-6,80517563	-0,169	0,292
CHR4	3557473	CHR4:3557473	SSF x LoA	-10,6991673	-0,024	0,323
CHR4	3557485	CHR4:3557485	SSF x LoA	-11,3559129	-0,007	0,307
CHR4	3557523	CHR4:3557523	SSF x LoA	-9,22505542	0,026	0,303
CHR4	3557539	CHR4:3557539	SSF x LoA	-9,96990348	-0,066	0,296
CHR4	3563971	CHR4:3563971	SSF x LoA	-8,11705537	0,017	0,311
CHR4	3564079	CHR4:3564079	SSF x LoA	-8,59128915	-0,022	0,310
CHR4	3564092	CHR4:3564092	SSF x LoA	-9,00827756	-0,100	0,297
CHR4	3564180	CHR4:3564180	SSF x LoA	-8,94369357	-0,020	0,319
CHR4	3564201	CHR4:3564201	SSF x LoA	-8,18214355	0,051	0,305
CHR4	3564237	CHR4:3564237	SSF x LoA	-11,6286907	-0,019	0,306
CHR4	3578620	CHR4:3578620	SSF x LoA	-9,65288912	0,111	0,308
CHR4	3578772	CHR4:3578772	SSF x LoA	-10,1370544	0,102	0,305
CHR4	3578830	CHR4:3578830	SSF x LoA	-5,71389817	-0,098	0,295
CHR4	3578844	CHR4:3578844	SSF x LoA	-10,7628559	-0,028	0,310
CHR4	3578893	CHR4:3578893	SSF x LoA	-10,6838791	-0,063	0,317
CHR4	3594740	CHR4:3594740	SSF x LoA	-9,09545161	-0,118	0,298
CHR4	3595663	CHR4:3595663	SSF x LoA	-8,78924047	0,011	0,310
CHR4	3595744	CHR4:3595744	SSF x LoA	-8,56180774	-0,161	0,303
CHR4	3595750	CHR4:3595750	SSF x LoA	-10,4583769	0,075	0,303
CHR4	3595760	CHR4:3595760	SSF x LoA	-9,61392457	-0,003	0,313

CHR4	3597890	CHR4:3597890	SSF x LoA	-9,45787239	-0,053	0,298
CHR4	3600670	CHR4:3600670	SSF x LoA	-9,28053001	-0,037	0,321
CHR4	3600772	CHR4:3600772	SSF x LoA	-9,86555981	-0,015	0,309
CHR4	3600777	CHR4:3600777	SSF x LoA	-10,7368942	-0,005	0,302
CHR4	3600779	CHR4:3600779	SSF x LoA	-10,9351672	0,062	0,302
CHR4	3600828	CHR4:3600828	SSF x LoA	-9,88311819	0,066	0,295
CHR4	3600904	CHR4:3600904	SSF x LoA	-8,78608051	0,064	0,303
CHR4	3600936	CHR4:3600936	SSF x LoA	-9,6968419	-0,027	0,311
CHR4	3600960	CHR4:3600960	SSF x LoA	-9,93339254	0,004	0,306
CHR4	3603667	CHR4:3603667	SSF x LoA	-11,0273032	0,093	0,312
CHR4	3603674	CHR4:3603674	SSF x LoA	-10,3771245	0,041	0,306
CHR4	3603733	CHR4:3603733	SSF x LoA	-9,60950328	-0,136	0,293
CHR4	3603743	CHR4:3603743	SSF x LoA	-9,19577155	-0,042	0,298
CHR4	3608932	CHR4:3608932	SSF x LoA	-6,80991924	-0,080	0,308
CHR4	3609013	CHR4:3609013	SSF x LoA	-7,10737091	-0,080	0,315
CHR4	361373	CHR4:361373	SSF x LoA	-8,95959724	-0,086	0,317
CHR4	3613888	CHR4:3613888	SSF x LoA	-5,34921598	-0,141	0,298
CHR4	3613917	CHR4:3613917	SSF x LoA	-8,74039212	0,104	0,297
CHR4	3613961	CHR4:3613961	SSF x LoA	-8,19697399	-0,060	0,315
CHR4	361440	CHR4:361440	SSF x LoA	-7,3669131	-0,008	0,319
CHR4	3618158	CHR4:3618158	SSF x LoA	-10,2159876	-0,042	0,282
CHR4	3627920	CHR4:3627920	SSF x LoA	-6,98094002	0,153	0,304
CHR4	3634973	CHR4:3634973	SSF x LoA	-9,17086557	0,007	0,299
CHR4	3635561	CHR4:3635561	SSF x LoA	-11,19246	0,077	0,306
CHR4	3635617	CHR4:3635617	SSF x LoA	-9,3397182	-0,020	0,312
CHR4	3635623	CHR4:3635623	SSF x LoA	-10,1132301	0,047	0,301
CHR4	3650682	CHR4:3650682	SSF x LoA	-8,54522256	0,045	0,308
CHR4	3658834	CHR4:3658834	SSF x LoA	-11,6847665	0,072	0,309
CHR4	3667055	CHR4:3667055	SSF x LoA	-11,5169083	-0,015	0,316
CHR4	3667116	CHR4:3667116	SSF x LoA	-6,44514354	-0,123	0,288
CHR4	3667133	CHR4:3667133	SSF x LoA	-11,2018171	0,098	0,296
CHR4	3672768	CHR4:3672768	SSF x LoA	-10,9870778	0,033	0,307
CHR4	3672986	CHR4:3672986	SSF x LoA	-10,2967889	0,081	0,314
CHR4	3673008	CHR4:3673008	SSF x LoA	-4,09621917	0,245	0,289
CHR4	3674352	CHR4:3674352	SSF x LoA	-8,24792508	0,106	0,303
CHR4	3674505	CHR4:3674505	SSF x LoA	-8,41232735	-0,007	0,318
CHR4	3674508	CHR4:3674508	SSF x LoA	-10,7394817	-0,029	0,316
CHR4	3681622	CHR4:3681622	SSF x LoA	-6,32290934	-0,103	0,285
CHR4	3681721	CHR4:3681721	SSF x LoA	-4,04751773	0,121	0,294
CHR4	3681742	CHR4:3681742	SSF x LoA	-7,92729488	-0,082	0,288
CHR4	3681791	CHR4:3681791	SSF x LoA	-9,85479093	-0,045	0,313
CHR4	3681792	CHR4:3681792	SSF x LoA	-8,34672167	-0,017	0,306
CHR4	3685777	CHR4:3685777	SSF x LoA	-9,98697603	-0,058	0,299
CHR4	3699772	CHR4:3699772	SSF x LoA	-7,98174098	0,078	0,315
CHR4	3699789	CHR4:3699789	SSF x LoA	-9,87187805	0,005	0,323
CHR4	3699822	CHR4:3699822	SSF x LoA	-11,0626161	0,113	0,295
CHR4	3701836	CHR4:3701836	SSF x LoA	-7,0415246	0,162	0,293
CHR4	3701934	CHR4:3701934	SSF x LoA	-9,63829993	0,082	0,312
CHR4	370668	CHR4:370668	SSF x LoA	-9,54897801	-0,011	0,305
CHR4	370705	CHR4:370705	SSF x LoA	-9,18277389	0,028	0,303
CHR4	370706	CHR4:370706	SSF x LoA	-8,88434284	0,036	0,306
CHR4	3707390	CHR4:3707390	SSF x LoA	-9,05240317	-0,024	0,304
CHR4	3713369	CHR4:3713369	SSF x LoA	-10,4217321	-0,001	0,307

CHR4	3721426	CHR4:3721426	SSF x LoA	-7,40682129	0,067	0,309
CHR4	3721467	CHR4:3721467	SSF x LoA	-9,33249839	-0,081	0,300
CHR4	3721487	CHR4:3721487	SSF x LoA	-8,25998314	-0,094	0,316
CHR4	3724255	CHR4:3724255	SSF x LoA	-10,4867264	0,004	0,311
CHR4	3729056	CHR4:3729056	SSF x LoA	-11,8674386	0,030	0,313
CHR4	3729100	CHR4:3729100	SSF x LoA	-8,85345733	0,029	0,309
CHR4	3737656	CHR4:3737656	SSF x LoA	-7,92158896	-0,012	0,319
CHR4	3737669	CHR4:3737669	SSF x LoA	-7,88893312	0,080	0,315
CHR4	3737679	CHR4:3737679	SSF x LoA	-8,3076757	-0,031	0,299
CHR4	3737756	CHR4:3737756	SSF x LoA	-8,53456401	0,056	0,313
CHR4	3741321	CHR4:3741321	SSF x LoA	-8,13815905	-0,145	0,294
CHR4	3741407	CHR4:3741407	SSF x LoA	-8,23099211	0,151	0,292
CHR4	3741411	CHR4:3741411	SSF x LoA	-8,88988021	0,022	0,307
CHR4	3743006	CHR4:3743006	SSF x LoA	-10,7089862	0,016	0,302
CHR4	3750797	CHR4:3750797	SSF x LoA	-5,92121782	-0,178	0,305
CHR4	3750951	CHR4:3750951	SSF x LoA	-10,3768254	-0,114	0,301
CHR4	3750991	CHR4:3750991	SSF x LoA	-9,49480385	0,098	0,304
CHR4	3751038	CHR4:3751038	SSF x LoA	-11,5552997	0,000	0,317
CHR4	3751054	CHR4:3751054	SSF x LoA	-9,50930933	0,090	0,319
CHR4	3751076	CHR4:3751076	SSF x LoA	-10,1384204	0,134	0,308
CHR4	3751082	CHR4:3751082	SSF x LoA	-10,4676957	0,014	0,310
CHR4	3755823	CHR4:3755823	SSF x LoA	-11,1554536	0,018	0,325
CHR4	3755904	CHR4:3755904	SSF x LoA	-9,47476777	-0,005	0,293
CHR4	3756096	CHR4:3756096	SSF x LoA	-7,70363664	0,139	0,299
CHR4	3769697	CHR4:3769697	SSF x LoA	-8,35452435	-0,168	0,296
CHR4	3769745	CHR4:3769745	SSF x LoA	-9,39865608	0,045	0,308
CHR4	3769748	CHR4:3769748	SSF x LoA	-10,1641565	-0,111	0,317
CHR4	3769751	CHR4:3769751	SSF x LoA	-8,54324294	0,045	0,312
CHR4	3769759	CHR4:3769759	SSF x LoA	-4,03040404	-0,198	0,305
CHR4	3770110	CHR4:3770110	SSF x LoA	-8,9868532	-0,093	0,307
CHR4	3770122	CHR4:3770122	SSF x LoA	-10,4229911	-0,158	0,306
CHR4	378290	CHR4:378290	SSF x LoA	-10,8463012	0,002	0,309
CHR4	378798	CHR4:378798	SSF x LoA	-8,21871438	-0,157	0,304
CHR4	3791099	CHR4:3791099	SSF x LoA	-8,73363242	0,067	0,303
CHR4	3791135	CHR4:3791135	SSF x LoA	-8,89401834	-0,016	0,312
CHR4	3791186	CHR4:3791186	SSF x LoA	-8,83652779	0,008	0,311
CHR4	3791198	CHR4:3791198	SSF x LoA	-9,96114256	0,029	0,313
CHR4	3791222	CHR4:3791222	SSF x LoA	-9,56997356	0,086	0,313
CHR4	3791369	CHR4:3791369	SSF x LoA	-10,7162049	0,012	0,296
CHR4	3793652	CHR4:3793652	SSF x LoA	-9,200046	0,097	0,299
CHR4	3793866	CHR4:3793866	SSF x LoA	-6,08656588	0,090	0,303
CHR4	3801185	CHR4:3801185	SSF x LoA	-3,66600767	-0,231	0,297
CHR4	3804713	CHR4:3804713	SSF x LoA	-10,2877304	0,007	0,307
CHR4	3804814	CHR4:3804814	SSF x LoA	-11,3424394	-0,093	0,298
CHR4	3804893	CHR4:3804893	SSF x LoA	-10,8449916	-0,088	0,299
CHR4	3825035	CHR4:3825035	SSF x LoA	-9,93066033	-0,014	0,299
CHR4	3825118	CHR4:3825118	SSF x LoA	-12,2103883	0,012	0,303
CHR4	3825263	CHR4:3825263	SSF x LoA	-9,24299045	-0,077	0,302
CHR4	3833174	CHR4:3833174	SSF x LoA	-8,62846669	0,063	0,314
CHR4	3833197	CHR4:3833197	SSF x LoA	-6,74551814	0,029	0,310
CHR4	3833208	CHR4:3833208	SSF x LoA	-9,62122355	-0,106	0,310
CHR4	3833224	CHR4:3833224	SSF x LoA	-9,65636434	0,016	0,302
CHR4	3833226	CHR4:3833226	SSF x LoA	-0,73047955	-0,002	0,321

CHR4	3833244	CHR4:3833244	SSF x LoA	-8,68976678	-0,109	0,301
CHR4	3833257	CHR4:3833257	SSF x LoA	-11,0510844	0,003	0,310
CHR4	3833301	CHR4:3833301	SSF x LoA	-10,4570628	0,055	0,322
CHR4	3833364	CHR4:3833364	SSF x LoA	-9,10172314	-0,039	0,307
CHR4	3848195	CHR4:3848195	SSF x LoA	-8,25192067	-0,036	0,315
CHR4	3848206	CHR4:3848206	SSF x LoA	-8,21022353	0,026	0,282
CHR4	3848215	CHR4:3848215	SSF x LoA	-7,34580803	0,024	0,319
CHR4	3848280	CHR4:3848280	SSF x LoA	-10,1592509	0,018	0,302
CHR4	3848288	CHR4:3848288	SSF x LoA	-10,0275213	0,043	0,303
CHR4	3855544	CHR4:3855544	SSF x LoA	-10,1101384	0,041	0,309
CHR4	386283	CHR4:386283	SSF x LoA	-8,14354811	-0,029	0,299
CHR4	386569	CHR4:386569	SSF x LoA	-8,5055111	0,041	0,316
CHR4	3866614	CHR4:3866614	SSF x LoA	-10,953376	-0,065	0,299
CHR4	3866631	CHR4:3866631	SSF x LoA	-12,1247405	-0,021	0,304
CHR4	3866679	CHR4:3866679	SSF x LoA	-7,89890469	0,035	0,309
CHR4	3866766	CHR4:3866766	SSF x LoA	-11,7408208	-0,038	0,308
CHR4	3867277	CHR4:3867277	SSF x LoA	-10,0729394	-0,139	0,301
CHR4	3880858	CHR4:3880858	SSF x LoA	-8,29266804	0,092	0,307
CHR4	3880872	CHR4:3880872	SSF x LoA	-6,30416371	0,086	0,311
CHR4	3887749	CHR4:3887749	SSF x LoA	-7,64373093	-0,028	0,302
CHR4	3887786	CHR4:3887786	SSF x LoA	-10,7091637	0,055	0,306
CHR4	3887822	CHR4:3887822	SSF x LoA	-5,78599209	0,018	0,320
CHR4	3887909	CHR4:3887909	SSF x LoA	-4,97615316	0,159	0,302
CHR4	3891434	CHR4:3891434	SSF x LoA	-11,3849471	-0,039	0,308
CHR4	3891476	CHR4:3891476	SSF x LoA	-7,56991514	0,125	0,310
CHR4	3891477	CHR4:3891477	SSF x LoA	-6,5312642	0,054	0,310
CHR4	3893390	CHR4:3893390	SSF x LoA	-8,17305591	0,134	0,306
CHR4	3893426	CHR4:3893426	SSF x LoA	-10,8411371	-0,081	0,313
CHR4	3894732	CHR4:3894732	SSF x LoA	-9,06751852	-0,022	0,297
CHR4	3894745	CHR4:3894745	SSF x LoA	-10,6710949	0,029	0,306
CHR4	3899770	CHR4:3899770	SSF x LoA	-8,6879221	0,013	0,310
CHR4	3899775	CHR4:3899775	SSF x LoA	-7,84322473	-0,127	0,297
CHR4	3899878	CHR4:3899878	SSF x LoA	-8,62109473	-0,019	0,303
CHR4	3899921	CHR4:3899921	SSF x LoA	-10,1575866	-0,026	0,299
CHR4	3900151	CHR4:3900151	SSF x LoA	-8,27175951	-0,083	0,307
CHR4	3900196	CHR4:3900196	SSF x LoA	-10,1545839	-0,098	0,315
CHR4	3911343	CHR4:3911343	SSF x LoA	-7,92420813	0,088	0,313
CHR4	3911357	CHR4:3911357	SSF x LoA	-0,51540357	0,149	0,297
CHR4	3911372	CHR4:3911372	SSF x LoA	-10,4335314	0,138	0,293
CHR4	3911426	CHR4:3911426	SSF x LoA	-8,7485134	-0,015	0,309
CHR4	3912241	CHR4:3912241	SSF x LoA	-11,0553437	-0,026	0,317
CHR4	3912287	CHR4:3912287	SSF x LoA	-8,65427653	0,094	0,313
CHR4	3912349	CHR4:3912349	SSF x LoA	-10,9253729	0,077	0,295
CHR4	3916606	CHR4:3916606	SSF x LoA	-8,81366504	-0,117	0,289
CHR4	3918915	CHR4:3918915	SSF x LoA	-11,3396169	-0,050	0,311
CHR4	3920796	CHR4:3920796	SSF x LoA	-11,6653551	0,006	0,318
CHR4	3920889	CHR4:3920889	SSF x LoA	-8,40372489	-0,145	0,307
CHR4	3920935	CHR4:3920935	SSF x LoA	-8,92022066	-0,124	0,302
CHR4	3920942	CHR4:3920942	SSF x LoA	-6,93337346	-0,081	0,306
CHR4	3920969	CHR4:3920969	SSF x LoA	-9,5394952	0,052	0,298
CHR4	3929278	CHR4:3929278	SSF x LoA	-8,04753757	0,040	0,319
CHR4	3929296	CHR4:3929296	SSF x LoA	-10,3745429	0,011	0,305
CHR4	3929370	CHR4:3929370	SSF x LoA	-10,9567139	0,026	0,301

CHR4	3931232	CHR4:3931232	SSF x LoA	-11,2347722	0,037	0,310
CHR4	3931242	CHR4:3931242	SSF x LoA	-10,3414649	-0,048	0,312
CHR4	3931250	CHR4:3931250	SSF x LoA	-9,82798342	-0,049	0,316
CHR4	3931259	CHR4:3931259	SSF x LoA	-7,61354717	0,056	0,308
CHR4	3931270	CHR4:3931270	SSF x LoA	-9,88321198	-0,047	0,309
CHR4	3950456	CHR4:3950456	SSF x LoA	-9,75193165	0,026	0,304
CHR4	3950479	CHR4:3950479	SSF x LoA	-7,11443751	-0,107	0,297
CHR4	3950598	CHR4:3950598	SSF x LoA	-5,9538594	0,070	0,310
CHR4	3950653	CHR4:3950653	SSF x LoA	-7,72242641	0,060	0,313
CHR4	3950668	CHR4:3950668	SSF x LoA	-9,88680442	0,089	0,302
CHR4	3950808	CHR4:3950808	SSF x LoA	-11,4851345	-0,011	0,306
CHR4	3950820	CHR4:3950820	SSF x LoA	-11,6460009	0,012	0,301
CHR4	3962237	CHR4:3962237	SSF x LoA	-10,6350518	-0,084	0,305
CHR4	3962262	CHR4:3962262	SSF x LoA	-8,86681242	-0,212	0,282
CHR4	3967000	CHR4:3967000	SSF x LoA	-8,97389927	0,030	0,294
CHR4	3967069	CHR4:3967069	SSF x LoA	-8,24841074	0,039	0,310
CHR4	3977699	CHR4:3977699	SSF x LoA	-6,96590491	0,156	0,307
CHR4	3980379	CHR4:3980379	SSF x LoA	-10,7584566	-0,014	0,306
CHR4	3983907	CHR4:3983907	SSF x LoA	-9,40421176	-0,020	0,298
CHR4	3983943	CHR4:3983943	SSF x LoA	-6,60217132	-0,009	0,324
CHR4	3983962	CHR4:3983962	SSF x LoA	-8,741534	-0,124	0,313
CHR4	3983964	CHR4:3983964	SSF x LoA	-11,4494179	0,044	0,302
CHR4	3991778	CHR4:3991778	SSF x LoA	-7,4783234	-0,028	0,307
CHR4	3992026	CHR4:3992026	SSF x LoA	-9,8493552	0,009	0,315
CHR4	3996478	CHR4:3996478	SSF x LoA	-9,96418945	-0,093	0,310
CHR4	3999108	CHR4:3999108	SSF x LoA	-11,1513315	0,007	0,301
CHR4	3999233	CHR4:3999233	SSF x LoA	-8,60477631	-0,056	0,314
CHR4	3999269	CHR4:3999269	SSF x LoA	-10,9694911	0,077	0,303
CHR4	3999272	CHR4:3999272	SSF x LoA	-9,82516995	-0,027	0,294
CHR4	4004942	CHR4:4004942	SSF x LoA	-9,6395958	0,039	0,318
CHR4	4004953	CHR4:4004953	SSF x LoA	-9,48640392	0,038	0,315
CHR4	4007280	CHR4:4007280	SSF x LoA	-6,91145371	-0,106	0,305
CHR4	4016715	CHR4:4016715	SSF x LoA	-11,0983114	-0,047	0,307
CHR4	4016738	CHR4:4016738	SSF x LoA	-10,5337812	-0,057	0,310
CHR4	4018961	CHR4:4018961	SSF x LoA	-9,59899375	0,105	0,300
CHR4	4018962	CHR4:4018962	SSF x LoA	-7,0232305	0,103	0,305
CHR4	401986	CHR4:401986	SSF x LoA	-8,64386022	-0,108	0,300
CHR4	4020010	CHR4:4020010	SSF x LoA	-10,1157666	0,019	0,305
CHR4	4020042	CHR4:4020042	SSF x LoA	-8,75641406	0,056	0,301
CHR4	4020062	CHR4:4020062	SSF x LoA	-8,13988397	-0,019	0,313
CHR4	4020087	CHR4:4020087	SSF x LoA	-10,1558106	-0,085	0,310
CHR4	4022498	CHR4:4022498	SSF x LoA	3,31263763	-0,069	0,296
CHR4	4022503	CHR4:4022503	SSF x LoA	-7,99680625	-0,032	0,325
CHR4	4022514	CHR4:4022514	SSF x LoA	-10,1217656	-0,060	0,309
CHR4	4029356	CHR4:4029356	SSF x LoA	-8,91427697	-0,047	0,319
CHR4	4030849	CHR4:4030849	SSF x LoA	-5,97283857	0,139	0,302
CHR4	4032013	CHR4:4032013	SSF x LoA	-8,5454364	0,011	0,303
CHR4	4033771	CHR4:4033771	SSF x LoA	-10,068402	-0,041	0,296
CHR4	403512	CHR4:403512	SSF x LoA	-10,4730933	-0,092	0,295
CHR4	403526	CHR4:403526	SSF x LoA	-7,62130211	-0,094	0,297
CHR4	403593	CHR4:403593	SSF x LoA	-8,91472192	-0,110	0,301
CHR4	4040241	CHR4:4040241	SSF x LoA	-10,1036146	0,096	0,302
CHR4	4041425	CHR4:4041425	SSF x LoA	-11,5137478	-0,008	0,308

CHR4	4053862	CHR4:4053862	SSF x LoA	-9,93679144	-0,031	0,309
CHR4	4053875	CHR4:4053875	SSF x LoA	-9,6745731	-0,115	0,312
CHR4	4053886	CHR4:4053886	SSF x LoA	-9,91625491	0,047	0,315
CHR4	4059897	CHR4:4059897	SSF x LoA	-9,9795448	-0,009	0,315
CHR4	4059904	CHR4:4059904	SSF x LoA	-10,438383	0,104	0,307
CHR4	4060067	CHR4:4060067	SSF x LoA	-11,414469	-0,009	0,297
CHR4	4072076	CHR4:4072076	SSF x LoA	-9,27551339	-0,064	0,301
CHR4	4072077	CHR4:4072077	SSF x LoA	-7,25973326	-0,004	0,314
CHR4	4073378	CHR4:4073378	SSF x LoA	-8,51804203	-0,012	0,311
CHR4	4073399	CHR4:4073399	SSF x LoA	-8,13873482	0,014	0,328
CHR4	4073424	CHR4:4073424	SSF x LoA	-6,56154198	0,178	0,291
CHR4	4075836	CHR4:4075836	SSF x LoA	-6,46699882	0,010	0,311
CHR4	4079953	CHR4:4079953	SSF x LoA	-10,7324991	-0,059	0,313
CHR4	4080008	CHR4:4080008	SSF x LoA	-10,2457194	0,007	0,314
CHR4	4082466	CHR4:4082466	SSF x LoA	1,05875617	0,000	0,331
CHR4	4082580	CHR4:4082580	SSF x LoA	-9,32131676	0,067	0,303
CHR4	4082627	CHR4:4082627	SSF x LoA	-0,82587924	0,156	0,304
CHR4	4084113	CHR4:4084113	SSF x LoA	-8,81789508	0,084	0,300
CHR4	4087415	CHR4:4087415	SSF x LoA	-1,91275685	-0,111	0,298
CHR4	4087462	CHR4:4087462	SSF x LoA	-6,79784302	-0,036	0,313
CHR4	4087513	CHR4:4087513	SSF x LoA	-6,88918118	0,074	0,302
CHR4	4087586	CHR4:4087586	SSF x LoA	-9,68719313	0,017	0,308
CHR4	4087589	CHR4:4087589	SSF x LoA	-7,94838485	0,026	0,321
CHR4	4087592	CHR4:4087592	SSF x LoA	-11,1968229	-0,111	0,309
CHR4	4089496	CHR4:4089496	SSF x LoA	-10,6259959	0,040	0,314
CHR4	4098706	CHR4:4098706	SSF x LoA	-8,13944792	0,088	0,306
CHR4	4101491	CHR4:4101491	SSF x LoA	-8,08413139	-0,055	0,308
CHR4	4101492	CHR4:4101492	SSF x LoA	-10,9199243	-0,033	0,309
CHR4	4107681	CHR4:4107681	SSF x LoA	-9,66736127	0,044	0,303
CHR4	4107693	CHR4:4107693	SSF x LoA	-10,8334041	0,037	0,313
CHR4	4107701	CHR4:4107701	SSF x LoA	-9,36899314	0,056	0,293
CHR4	4109917	CHR4:4109917	SSF x LoA	-11,2266665	-0,021	0,300
CHR4	4109983	CHR4:4109983	SSF x LoA	-10,0615152	-0,014	0,289
CHR4	412258	CHR4:412258	SSF x LoA	-8,39537584	0,055	0,298
CHR4	4137032	CHR4:4137032	SSF x LoA	-9,87082509	-0,075	0,308
CHR4	4137144	CHR4:4137144	SSF x LoA	-8,97440461	-0,044	0,299
CHR4	4137200	CHR4:4137200	SSF x LoA	-10,7074488	-0,074	0,303
CHR4	4137288	CHR4:4137288	SSF x LoA	-7,48688415	0,112	0,306
CHR4	4146027	CHR4:4146027	SSF x LoA	-8,74539751	-0,011	0,316
CHR4	4146181	CHR4:4146181	SSF x LoA	-10,9226527	-0,027	0,322
CHR4	4146197	CHR4:4146197	SSF x LoA	-8,17425914	-0,010	0,320
CHR4	4146201	CHR4:4146201	SSF x LoA	-9,66050489	-0,049	0,311
CHR4	4146224	CHR4:4146224	SSF x LoA	-6,26624275	-0,051	0,301
CHR4	4146272	CHR4:4146272	SSF x LoA	-8,45550045	-0,157	0,293
CHR4	415695	CHR4:415695	SSF x LoA	-9,17517954	-0,037	0,302
CHR4	415723	CHR4:415723	SSF x LoA	-9,55176167	-0,026	0,282
CHR4	415815	CHR4:415815	SSF x LoA	-9,60043168	-0,034	0,301
CHR4	4184683	CHR4:4184683	SSF x LoA	-11,638407	-0,094	0,295
CHR4	4184811	CHR4:4184811	SSF x LoA	-7,69492058	-0,082	0,293
CHR4	4184891	CHR4:4184891	SSF x LoA	-6,6546642	-0,104	0,302
CHR4	4186438	CHR4:4186438	SSF x LoA	-9,32942626	0,077	0,303
CHR4	4188734	CHR4:4188734	SSF x LoA	-4,83401904	-0,113	0,297
CHR4	4188754	CHR4:4188754	SSF x LoA	-8,63112041	0,036	0,311

CHR4	4188813	CHR4:4188813	SSF x LoA	-8,03547666	-0,034	0,314
CHR4	419221	CHR4:419221	SSF x LoA	-8,20605184	0,125	0,302
CHR4	419265	CHR4:419265	SSF x LoA	1,13347767	-0,046	0,308
CHR4	419283	CHR4:419283	SSF x LoA	-7,41023948	-0,076	0,311
CHR4	4193139	CHR4:4193139	SSF x LoA	-10,0017314	-0,029	0,319
CHR4	4193293	CHR4:4193293	SSF x LoA	-6,75040103	0,076	0,308
CHR4	419366	CHR4:419366	SSF x LoA	-9,25695896	0,022	0,302
CHR4	419399	CHR4:419399	SSF x LoA	-8,07471995	-0,047	0,310
CHR4	419458	CHR4:419458	SSF x LoA	-7,92079467	-0,106	0,307
CHR4	419477	CHR4:419477	SSF x LoA	-10,4006299	0,037	0,310
CHR4	4201936	CHR4:4201936	SSF x LoA	-9,63105006	0,005	0,307
CHR4	4202001	CHR4:4202001	SSF x LoA	-7,0267422	0,133	0,296
CHR4	4202038	CHR4:4202038	SSF x LoA	-10,7093632	-0,024	0,298
CHR4	4214572	CHR4:4214572	SSF x LoA	-10,4642963	0,002	0,309
CHR4	4214576	CHR4:4214576	SSF x LoA	-9,64280504	-0,056	0,299
CHR4	4214619	CHR4:4214619	SSF x LoA	-8,4105021	-0,067	0,295
CHR4	4215662	CHR4:4215662	SSF x LoA	-8,9961788	0,042	0,307
CHR4	4215696	CHR4:4215696	SSF x LoA	-10,5279356	-0,040	0,303
CHR4	4215933	CHR4:4215933	SSF x LoA	-9,06380836	0,015	0,293
CHR4	4222963	CHR4:4222963	SSF x LoA	-8,48777802	0,029	0,312
CHR4	4223010	CHR4:4223010	SSF x LoA	-10,0729841	0,005	0,318
CHR4	4231335	CHR4:4231335	SSF x LoA	-7,37356732	-0,098	0,302
CHR4	4231415	CHR4:4231415	SSF x LoA	-9,35144279	-0,082	0,312
CHR4	4231442	CHR4:4231442	SSF x LoA	-10,9694159	-0,100	0,292
CHR4	4231665	CHR4:4231665	SSF x LoA	-1,61765458	-0,152	0,299
CHR4	4231711	CHR4:4231711	SSF x LoA	-10,1880644	-0,035	0,305
CHR4	4231715	CHR4:4231715	SSF x LoA	-11,6407729	0,054	0,326
CHR4	4238506	CHR4:4238506	SSF x LoA	-8,41274648	0,161	0,295
CHR4	4248319	CHR4:4248319	SSF x LoA	-9,91587937	0,111	0,302
CHR4	4248322	CHR4:4248322	SSF x LoA	7,30749365	0,136	0,303
CHR4	4248356	CHR4:4248356	SSF x LoA	1,35967307	0,105	0,314
CHR4	4264274	CHR4:4264274	SSF x LoA	-9,30944194	-0,133	0,318
CHR4	4264620	CHR4:4264620	SSF x LoA	-9,70115425	0,015	0,305
CHR4	4264651	CHR4:4264651	SSF x LoA	-7,72259981	-0,084	0,308
CHR4	4270193	CHR4:4270193	SSF x LoA	-0,78096403	-0,080	0,305
CHR4	4270218	CHR4:4270218	SSF x LoA	-10,279296	-0,014	0,307
CHR4	4270335	CHR4:4270335	SSF x LoA	-10,5701152	-0,041	0,292
CHR4	4270367	CHR4:4270367	SSF x LoA	-7,55922218	0,077	0,281
CHR4	4277102	CHR4:4277102	SSF x LoA	-8,91751068	-0,036	0,299
CHR4	4277224	CHR4:4277224	SSF x LoA	-10,8327033	0,017	0,314
CHR4	4277281	CHR4:4277281	SSF x LoA	-10,5286239	0,011	0,292
CHR4	4277315	CHR4:4277315	SSF x LoA	-8,57856018	0,001	0,309
CHR4	428802	CHR4:428802	SSF x LoA	-8,9282098	-0,102	0,303
CHR4	428855	CHR4:428855	SSF x LoA	-5,24627881	0,195	0,287
CHR4	428884	CHR4:428884	SSF x LoA	-8,12890203	0,132	0,305
CHR4	428916	CHR4:428916	SSF x LoA	-9,58114823	-0,090	0,288
CHR4	4300479	CHR4:4300479	SSF x LoA	-10,0443484	0,047	0,303
CHR4	4303478	CHR4:4303478	SSF x LoA	-11,6282663	-0,008	0,301
CHR4	4303613	CHR4:4303613	SSF x LoA	-8,94764619	0,033	0,313
CHR4	4303652	CHR4:4303652	SSF x LoA	-6,79639628	0,043	0,304
CHR4	4313646	CHR4:4313646	SSF x LoA	-9,16290133	0,038	0,305
CHR4	4313805	CHR4:4313805	SSF x LoA	-10,9326709	-0,139	0,299
CHR4	4313886	CHR4:4313886	SSF x LoA	-9,68621013	0,027	0,324

CHR4	4317404	CHR4:4317404	SSF x LoA	-8,77065502	-0,070	0,308
CHR4	4317658	CHR4:4317658	SSF x LoA	-11,5357974	0,059	0,312
CHR4	4322874	CHR4:4322874	SSF x LoA	-10,9794742	0,031	0,304
CHR4	4322921	CHR4:4322921	SSF x LoA	-8,33994551	0,019	0,314
CHR4	4322945	CHR4:4322945	SSF x LoA	-9,38906381	-0,013	0,309
CHR4	4322985	CHR4:4322985	SSF x LoA	-9,12369295	0,020	0,312
CHR4	4330546	CHR4:4330546	SSF x LoA	-10,6137782	-0,100	0,323
CHR4	4330562	CHR4:4330562	SSF x LoA	-9,27769644	0,067	0,300
CHR4	4330701	CHR4:4330701	SSF x LoA	-6,99404542	-0,106	0,299
CHR4	4330786	CHR4:4330786	SSF x LoA	-8,92286362	0,103	0,308
CHR4	4330806	CHR4:4330806	SSF x LoA	-11,0655611	-0,091	0,290
CHR4	4334946	CHR4:4334946	SSF x LoA	-11,0943624	0,056	0,309
CHR4	4334959	CHR4:4334959	SSF x LoA	-8,14133028	-0,007	0,309
CHR4	4335037	CHR4:4335037	SSF x LoA	-8,44504404	0,149	0,303
CHR4	4335118	CHR4:4335118	SSF x LoA	-9,38908086	-0,021	0,305
CHR4	4347558	CHR4:4347558	SSF x LoA	-8,94536118	-0,097	0,302
CHR4	435105	CHR4:435105	SSF x LoA	-8,85825781	0,006	0,303
CHR4	435151	CHR4:435151	SSF x LoA	-8,58463231	-0,094	0,301
CHR4	435154	CHR4:435154	SSF x LoA	-11,3435717	-0,040	0,310
CHR4	435213	CHR4:435213	SSF x LoA	-8,19767577	-0,109	0,303
CHR4	435240	CHR4:435240	SSF x LoA	-7,33346168	-0,104	0,313
CHR4	435333	CHR4:435333	SSF x LoA	-11,0582011	0,019	0,312
CHR4	435370	CHR4:435370	SSF x LoA	-5,35479664	-0,110	0,291
CHR4	4358424	CHR4:4358424	SSF x LoA	-10,193342	-0,133	0,311
CHR4	4358468	CHR4:4358468	SSF x LoA	-6,16062147	0,170	0,297
CHR4	4375454	CHR4:4375454	SSF x LoA	-11,0320283	-0,099	0,306
CHR4	4375480	CHR4:4375480	SSF x LoA	-8,42567635	0,076	0,307
CHR4	4376816	CHR4:4376816	SSF x LoA	-11,319094	-0,017	0,303
CHR4	4376826	CHR4:4376826	SSF x LoA	-8,06453323	0,068	0,307
CHR4	4383920	CHR4:4383920	SSF x LoA	-11,291821	0,020	0,316
CHR4	4384055	CHR4:4384055	SSF x LoA	-9,12279761	-0,077	0,307
CHR4	4384071	CHR4:4384071	SSF x LoA	-10,6763756	-0,032	0,300
CHR4	4397456	CHR4:4397456	SSF x LoA	-10,9598967	0,085	0,313
CHR4	4397472	CHR4:4397472	SSF x LoA	-9,46152766	-0,081	0,309
CHR4	4403968	CHR4:4403968	SSF x LoA	-9,48867399	0,072	0,310
CHR4	4403980	CHR4:4403980	SSF x LoA	-11,1741592	-0,033	0,312
CHR4	4404064	CHR4:4404064	SSF x LoA	-4,73256336	-0,106	0,313
CHR4	4404116	CHR4:4404116	SSF x LoA	-6,12205358	-0,091	0,308
CHR4	4404139	CHR4:4404139	SSF x LoA	-6,77294434	-0,016	0,296
CHR4	4404145	CHR4:4404145	SSF x LoA	-8,55680506	0,063	0,304
CHR4	4404175	CHR4:4404175	SSF x LoA	-7,64321288	0,159	0,301
CHR4	4408243	CHR4:4408243	SSF x LoA	-8,34953991	0,009	0,297
CHR4	4416219	CHR4:4416219	SSF x LoA	-11,1830154	-0,067	0,297
CHR4	4416407	CHR4:4416407	SSF x LoA	-9,99324685	-0,001	0,303
CHR4	4416467	CHR4:4416467	SSF x LoA	-10,9315903	0,047	0,304
CHR4	4416483	CHR4:4416483	SSF x LoA	-9,83544544	0,100	0,312
CHR4	4431234	CHR4:4431234	SSF x LoA	-8,18238204	0,191	0,300
CHR4	4432313	CHR4:4432313	SSF x LoA	-7,38356438	0,101	0,320
CHR4	4432377	CHR4:4432377	SSF x LoA	12,6139403	-0,130	0,319
CHR4	4452656	CHR4:4452656	SSF x LoA	-12,1903132	0,007	0,296
CHR4	4478684	CHR4:4478684	SSF x LoA	-11,0360973	-0,024	0,306
CHR4	4478735	CHR4:4478735	SSF x LoA	-11,2294294	0,007	0,304
CHR4	4478794	CHR4:4478794	SSF x LoA	-10,8694723	-0,082	0,296

CHR4	4478803	CHR4:4478803	SSF x LoA	-11,6461527	0,030	0,310
CHR4	4478808	CHR4:4478808	SSF x LoA	-9,68468572	0,017	0,311
CHR4	4478831	CHR4:4478831	SSF x LoA	-8,74622131	-0,072	0,313
CHR4	4478860	CHR4:4478860	SSF x LoA	-10,375891	-0,003	0,315
CHR4	4479315	CHR4:4479315	SSF x LoA	-10,8570333	0,127	0,309
CHR4	4480479	CHR4:4480479	SSF x LoA	-10,5927605	0,132	0,302
CHR4	4480496	CHR4:4480496	SSF x LoA	-10,3292555	0,121	0,305
CHR4	4480604	CHR4:4480604	SSF x LoA	-9,66503522	0,112	0,305
CHR4	4480609	CHR4:4480609	SSF x LoA	-7,95489709	-0,130	0,304
CHR4	4485492	CHR4:4485492	SSF x LoA	-8,90955417	0,052	0,305
CHR4	4485496	CHR4:4485496	SSF x LoA	-9,5722998	-0,064	0,311
CHR4	4485498	CHR4:4485498	SSF x LoA	-9,32909731	-0,089	0,302
CHR4	448950	CHR4:448950	SSF x LoA	-8,53341151	0,028	0,316
CHR4	448978	CHR4:448978	SSF x LoA	-8,79083854	-0,033	0,304
CHR4	448979	CHR4:448979	SSF x LoA	-7,77837772	-0,071	0,307
CHR4	449005	CHR4:449005	SSF x LoA	-7,18795728	-0,064	0,329
CHR4	449079	CHR4:449079	SSF x LoA	-9,04825303	0,034	0,304
CHR4	4492177	CHR4:4492177	SSF x LoA	-8,88121289	0,094	0,300
CHR4	4492754	CHR4:4492754	SSF x LoA	-6,44502998	-0,104	0,311
CHR4	4500876	CHR4:4500876	SSF x LoA	-8,04279978	-0,115	0,295
CHR4	4500909	CHR4:4500909	SSF x LoA	-9,05285955	-0,014	0,303
CHR4	4506428	CHR4:4506428	SSF x LoA	-5,05732466	0,107	0,306
CHR4	4506456	CHR4:4506456	SSF x LoA	-8,7283797	0,126	0,298
CHR4	4506488	CHR4:4506488	SSF x LoA	-3,8234523	0,151	0,294
CHR4	4506599	CHR4:4506599	SSF x LoA	-6,99268555	0,151	0,298
CHR4	4507865	CHR4:4507865	SSF x LoA	-9,42263549	0,053	0,304
CHR4	4513661	CHR4:4513661	SSF x LoA	-7,10293768	-0,034	0,314
CHR4	4513907	CHR4:4513907	SSF x LoA	-9,50070688	-0,011	0,301
CHR4	4513919	CHR4:4513919	SSF x LoA	-4,60900745	0,100	0,288
CHR4	4513929	CHR4:4513929	SSF x LoA	-10,1680318	0,020	0,298
CHR4	4513958	CHR4:4513958	SSF x LoA	-11,7803811	-0,044	0,318
CHR4	4524409	CHR4:4524409	SSF x LoA	-10,1017253	-0,074	0,302
CHR4	4524508	CHR4:4524508	SSF x LoA	-9,39003119	-0,037	0,307
CHR4	4524668	CHR4:4524668	SSF x LoA	-11,2257789	-0,111	0,290
CHR4	4524763	CHR4:4524763	SSF x LoA	-10,4258754	0,031	0,305
CHR4	4550322	CHR4:4550322	SSF x LoA	-9,01785098	0,076	0,301
CHR4	4553905	CHR4:4553905	SSF x LoA	-6,98545986	0,187	0,290
CHR4	4553915	CHR4:4553915	SSF x LoA	-10,2941873	0,070	0,305
CHR4	4553923	CHR4:4553923	SSF x LoA	-9,22484361	0,029	0,312
CHR4	4553963	CHR4:4553963	SSF x LoA	-7,11157203	0,103	0,302
CHR4	4553973	CHR4:4553973	SSF x LoA	-6,16646181	-0,181	0,308
CHR4	4554003	CHR4:4554003	SSF x LoA	-5,83823766	-0,203	0,299
CHR4	4554008	CHR4:4554008	SSF x LoA	0,81684097	-0,193	0,300
CHR4	4554049	CHR4:4554049	SSF x LoA	-8,82251509	0,050	0,313
CHR4	4554084	CHR4:4554084	SSF x LoA	-9,15373745	0,081	0,296
CHR4	4562248	CHR4:4562248	SSF x LoA	-8,71493021	0,057	0,317
CHR4	4562285	CHR4:4562285	SSF x LoA	-9,63575452	0,001	0,306
CHR4	4562334	CHR4:4562334	SSF x LoA	-9,63146779	-0,074	0,290
CHR4	4562360	CHR4:4562360	SSF x LoA	-9,07401608	-0,085	0,308
CHR4	4562367	CHR4:4562367	SSF x LoA	-7,50145455	0,030	0,310
CHR4	456630	CHR4:456630	SSF x LoA	-11,0163896	-0,005	0,308
CHR4	4573167	CHR4:4573167	SSF x LoA	-9,64343161	-0,036	0,303
CHR4	4575772	CHR4:4575772	SSF x LoA	-11,2099697	0,079	0,303

CHR4	4575806	CHR4:4575806	SSF x LoA	-8,56584432	0,024	0,302
CHR4	4575845	CHR4:4575845	SSF x LoA	-12,0455479	-0,036	0,308
CHR4	4575851	CHR4:4575851	SSF x LoA	-7,77325257	-0,077	0,305
CHR4	4575852	CHR4:4575852	SSF x LoA	-9,10361709	-0,043	0,310
CHR4	4575956	CHR4:4575956	SSF x LoA	-10,9276582	0,033	0,299
CHR4	4576026	CHR4:4576026	SSF x LoA	-11,2342875	-0,042	0,320
CHR4	4576027	CHR4:4576027	SSF x LoA	-11,2767432	-0,044	0,311
CHR4	4593992	CHR4:4593992	SSF x LoA	-8,63547839	0,126	0,294
CHR4	4595855	CHR4:4595855	SSF x LoA	-9,25686029	-0,059	0,296
CHR4	4595868	CHR4:4595868	SSF x LoA	-9,2931928	-0,053	0,306
CHR4	4595908	CHR4:4595908	SSF x LoA	-10,2926877	-0,069	0,302
CHR4	4600468	CHR4:4600468	SSF x LoA	-10,9667931	0,013	0,303
CHR4	4600564	CHR4:4600564	SSF x LoA	-7,06127539	0,004	0,295
CHR4	4600575	CHR4:4600575	SSF x LoA	-11,1183597	0,116	0,299
CHR4	4616989	CHR4:4616989	SSF x LoA	-9,54152754	0,093	0,308
CHR4	4617210	CHR4:4617210	SSF x LoA	-10,7066553	-0,009	0,306
CHR4	4617335	CHR4:4617335	SSF x LoA	-11,5695483	0,116	0,302
CHR4	462077	CHR4:462077	SSF x LoA	-8,35526461	0,030	0,303
CHR4	4631572	CHR4:4631572	SSF x LoA	-10,2869986	0,038	0,312
CHR4	4631608	CHR4:4631608	SSF x LoA	-8,8449114	0,032	0,308
CHR4	4631618	CHR4:4631618	SSF x LoA	-8,6974966	0,022	0,310
CHR4	4631623	CHR4:4631623	SSF x LoA	-8,40675188	-0,048	0,305
CHR4	463419	CHR4:463419	SSF x LoA	-10,3036242	-0,006	0,316
CHR4	4637388	CHR4:4637388	SSF x LoA	-9,06343708	-0,010	0,301
CHR4	4637461	CHR4:4637461	SSF x LoA	-10,1544637	-0,011	0,303
CHR4	4637468	CHR4:4637468	SSF x LoA	-10,6645583	-0,010	0,309
CHR4	4637532	CHR4:4637532	SSF x LoA	-9,95910364	-0,080	0,300
CHR4	4637577	CHR4:4637577	SSF x LoA	-9,74318298	0,044	0,305
CHR4	4637597	CHR4:4637597	SSF x LoA	-8,24471419	0,157	0,282
CHR4	4637635	CHR4:4637635	SSF x LoA	-8,36055061	-0,104	0,322
CHR4	4647110	CHR4:4647110	SSF x LoA	-8,89352153	-0,105	0,305
CHR4	4647139	CHR4:4647139	SSF x LoA	-1,35165271	0,103	0,285
CHR4	4647216	CHR4:4647216	SSF x LoA	-10,422775	-0,096	0,294
CHR4	4660481	CHR4:4660481	SSF x LoA	-8,95232386	0,024	0,287
CHR4	4660675	CHR4:4660675	SSF x LoA	-9,03903402	-0,031	0,310
CHR4	4661959	CHR4:4661959	SSF x LoA	-8,88691753	-0,118	0,281
CHR4	4666886	CHR4:4666886	SSF x LoA	-8,10054999	-0,002	0,314
CHR4	4667021	CHR4:4667021	SSF x LoA	-10,9010584	-0,051	0,304
CHR4	4667072	CHR4:4667072	SSF x LoA	-11,1965203	-0,079	0,292
CHR4	4669650	CHR4:4669650	SSF x LoA	-8,4025592	0,019	0,307
CHR4	4676182	CHR4:4676182	SSF x LoA	-8,88728451	-0,140	0,292
CHR4	4676187	CHR4:4676187	SSF x LoA	-9,6848949	0,056	0,283
CHR4	4676203	CHR4:4676203	SSF x LoA	-6,92110946	-0,047	0,306
CHR4	4676277	CHR4:4676277	SSF x LoA	-9,612886	0,069	0,274
CHR4	4676291	CHR4:4676291	SSF x LoA	-11,6459352	0,058	0,315
CHR4	4676428	CHR4:4676428	SSF x LoA	-10,3133448	0,093	0,300
CHR4	4679055	CHR4:4679055	SSF x LoA	-10,0853293	0,016	0,316
CHR4	4694440	CHR4:4694440	SSF x LoA	-8,81480398	-0,007	0,312
CHR4	4694478	CHR4:4694478	SSF x LoA	-10,6680973	0,069	0,296
CHR4	4694484	CHR4:4694484	SSF x LoA	-7,69847556	-0,014	0,304
CHR4	4694489	CHR4:4694489	SSF x LoA	-12,0309452	0,021	0,312
CHR4	4694819	CHR4:4694819	SSF x LoA	-11,5265417	-0,051	0,305
CHR4	4698562	CHR4:4698562	SSF x LoA	-9,43116612	0,049	0,310

CHR4	4698634	CHR4:4698634	SSF x LoA	-10,9150203	-0,071	0,306
CHR4	4698637	CHR4:4698637	SSF x LoA	-8,09005844	-0,086	0,308
CHR4	4700290	CHR4:4700290	SSF x LoA	-10,7720095	0,012	0,315
CHR4	4700307	CHR4:4700307	SSF x LoA	-10,0785567	-0,069	0,289
CHR4	4700348	CHR4:4700348	SSF x LoA	-7,62774525	0,128	0,298
CHR4	4700363	CHR4:4700363	SSF x LoA	-8,33352193	0,020	0,304
CHR4	4700441	CHR4:4700441	SSF x LoA	-8,08279757	-0,118	0,304
CHR4	4700467	CHR4:4700467	SSF x LoA	-9,9946078	0,067	0,296
CHR4	4702131	CHR4:4702131	SSF x LoA	-9,09501784	-0,061	0,307
CHR4	4702167	CHR4:4702167	SSF x LoA	-8,68898553	-0,075	0,296
CHR4	4716442	CHR4:4716442	SSF x LoA	-10,2776852	0,088	0,303
CHR4	4738604	CHR4:4738604	SSF x LoA	-7,95621602	0,050	0,309
CHR4	4738623	CHR4:4738623	SSF x LoA	-8,53909065	0,032	0,318
CHR4	4738698	CHR4:4738698	SSF x LoA	-4,95904913	0,162	0,310
CHR4	4738713	CHR4:4738713	SSF x LoA	-7,17754619	-0,062	0,302
CHR4	4743195	CHR4:4743195	SSF x LoA	-7,41852197	-0,151	0,294
CHR4	4743337	CHR4:4743337	SSF x LoA	-11,2227361	-0,075	0,310
CHR4	4743338	CHR4:4743338	SSF x LoA	-10,0364614	-0,073	0,309
CHR4	4743341	CHR4:4743341	SSF x LoA	-11,2978687	0,017	0,316
CHR4	4743368	CHR4:4743368	SSF x LoA	-6,49141622	0,097	0,295
CHR4	4744526	CHR4:4744526	SSF x LoA	-8,17189964	-0,080	0,305
CHR4	4744632	CHR4:4744632	SSF x LoA	-6,69248795	-0,074	0,303
CHR4	4744634	CHR4:4744634	SSF x LoA	-11,5984255	-0,108	0,301
CHR4	4744669	CHR4:4744669	SSF x LoA	-8,27637782	-0,054	0,316
CHR4	4744682	CHR4:4744682	SSF x LoA	-9,97472823	0,060	0,315
CHR4	4744692	CHR4:4744692	SSF x LoA	-10,0455339	-0,017	0,302
CHR4	4745850	CHR4:4745850	SSF x LoA	-5,10518603	0,142	0,299
CHR4	4745882	CHR4:4745882	SSF x LoA	-8,83939761	-0,093	0,302
CHR4	4755119	CHR4:4755119	SSF x LoA	-10,2494738	-0,014	0,311
CHR4	4759456	CHR4:4759456	SSF x LoA	-9,05648778	0,110	0,291
CHR4	4759530	CHR4:4759530	SSF x LoA	-10,8201381	-0,060	0,300
CHR4	4759586	CHR4:4759586	SSF x LoA	-7,96323849	-0,144	0,305
CHR4	4759604	CHR4:4759604	SSF x LoA	-10,6863124	0,012	0,314
CHR4	4769417	CHR4:4769417	SSF x LoA	-8,38812245	-0,080	0,310
CHR4	4771569	CHR4:4771569	SSF x LoA	-8,91760952	-0,056	0,309
CHR4	4771598	CHR4:4771598	SSF x LoA	-5,1034929	-0,022	0,315
CHR4	4771632	CHR4:4771632	SSF x LoA	-8,93154234	0,034	0,295
CHR4	4771665	CHR4:4771665	SSF x LoA	-9,11982362	0,068	0,305
CHR4	4771751	CHR4:4771751	SSF x LoA	-8,94179002	-0,046	0,329
CHR4	4771760	CHR4:4771760	SSF x LoA	-9,20039534	-0,058	0,311
CHR4	4771785	CHR4:4771785	SSF x LoA	-10,7651298	0,082	0,310
CHR4	4774616	CHR4:4774616	SSF x LoA	-10,7344821	0,012	0,316
CHR4	4774633	CHR4:4774633	SSF x LoA	-11,7305142	0,012	0,308
CHR4	4774634	CHR4:4774634	SSF x LoA	-10,4175605	-0,059	0,297
CHR4	4774706	CHR4:4774706	SSF x LoA	-8,75811958	0,034	0,294
CHR4	4774723	CHR4:4774723	SSF x LoA	-8,75057792	-0,021	0,317
CHR4	4774788	CHR4:4774788	SSF x LoA	-9,87297579	0,076	0,319
CHR4	4774802	CHR4:4774802	SSF x LoA	-10,7807194	-0,008	0,307
CHR4	4774804	CHR4:4774804	SSF x LoA	-9,60765204	-0,030	0,307
CHR4	4774806	CHR4:4774806	SSF x LoA	-8,49415758	-0,006	0,310
CHR4	4774841	CHR4:4774841	SSF x LoA	-8,7787096	0,079	0,298
CHR4	4774850	CHR4:4774850	SSF x LoA	-7,24987456	0,001	0,314
CHR4	4774853	CHR4:4774853	SSF x LoA	-9,07875572	0,008	0,318

CHR4	4774858	CHR4:4774858	SSF x LoA	-10,8735303	-0,044	0,315
CHR4	4774860	CHR4:4774860	SSF x LoA	-10,9057744	-0,014	0,307
CHR4	4774862	CHR4:4774862	SSF x LoA	-11,7314763	-0,011	0,306
CHR4	4774865	CHR4:4774865	SSF x LoA	-10,4757094	-0,073	0,309
CHR4	4786835	CHR4:4786835	SSF x LoA	-11,0147957	-0,058	0,303
CHR4	4786937	CHR4:4786937	SSF x LoA	-12,4086563	0,012	0,307
CHR4	4787117	CHR4:4787117	SSF x LoA	-11,7197463	0,042	0,296
CHR4	4793660	CHR4:4793660	SSF x LoA	-10,4254569	-0,061	0,304
CHR4	4799829	CHR4:4799829	SSF x LoA	-11,0564926	-0,009	0,294
CHR4	4804331	CHR4:4804331	SSF x LoA	-10,9015882	-0,019	0,309
CHR4	4804351	CHR4:4804351	SSF x LoA	-8,3309221	-0,115	0,292
CHR4	4804367	CHR4:4804367	SSF x LoA	-7,80297875	0,102	0,297
CHR4	4804524	CHR4:4804524	SSF x LoA	-7,34190852	0,164	0,306
CHR4	4804621	CHR4:4804621	SSF x LoA	-7,84781766	-0,150	0,310
CHR4	4814241	CHR4:4814241	SSF x LoA	-11,2637851	-0,053	0,307
CHR4	4823382	CHR4:4823382	SSF x LoA	-6,39730422	0,100	0,307
CHR4	4823435	CHR4:4823435	SSF x LoA	-8,17201659	-0,135	0,295
CHR4	4825585	CHR4:4825585	SSF x LoA	-9,50986498	0,115	0,297
CHR4	4825638	CHR4:4825638	SSF x LoA	-11,0083985	0,021	0,309
CHR4	483126	CHR4:483126	SSF x LoA	-9,07516943	-0,072	0,312
CHR4	483144	CHR4:483144	SSF x LoA	-9,66280158	-0,018	0,285
CHR4	484346	CHR4:484346	SSF x LoA	-8,915915	0,028	0,312
CHR4	484408	CHR4:484408	SSF x LoA	-8,18076806	-0,050	0,305
CHR4	484435	CHR4:484435	SSF x LoA	-11,021819	-0,109	0,287
CHR4	4845622	CHR4:4845622	SSF x LoA	-9,89380992	-0,030	0,317
CHR4	4845701	CHR4:4845701	SSF x LoA	-9,33491	-0,057	0,302
CHR4	4848917	CHR4:4848917	SSF x LoA	-11,5726858	-0,009	0,297
CHR4	4848960	CHR4:4848960	SSF x LoA	-8,90509378	0,017	0,313
CHR4	4848966	CHR4:4848966	SSF x LoA	-10,0668117	0,071	0,304
CHR4	4849021	CHR4:4849021	SSF x LoA	-10,5975736	-0,022	0,304
CHR4	4851668	CHR4:4851668	SSF x LoA	-6,86771711	0,086	0,311
CHR4	4851729	CHR4:4851729	SSF x LoA	-8,94432718	0,032	0,312
CHR4	4852583	CHR4:4852583	SSF x LoA	-8,96005809	0,094	0,307
CHR4	4852637	CHR4:4852637	SSF x LoA	-10,9253002	-0,051	0,309
CHR4	485397	CHR4:485397	SSF x LoA	-8,12964289	-0,010	0,305
CHR4	485442	CHR4:485442	SSF x LoA	-10,1471281	-0,082	0,309
CHR4	4855290	CHR4:4855290	SSF x LoA	-10,8886864	-0,004	0,299
CHR4	4859981	CHR4:4859981	SSF x LoA	-8,44406253	0,078	0,307
CHR4	4862174	CHR4:4862174	SSF x LoA	-8,50052017	-0,016	0,313
CHR4	4862241	CHR4:4862241	SSF x LoA	-10,0085049	-0,039	0,304
CHR4	4866360	CHR4:4866360	SSF x LoA	-11,4038876	-0,005	0,323
CHR4	4866386	CHR4:4866386	SSF x LoA	-8,31029279	0,116	0,303
CHR4	4866417	CHR4:4866417	SSF x LoA	-0,99284917	-0,194	0,297
CHR4	4866418	CHR4:4866418	SSF x LoA	-8,85246091	0,094	0,294
CHR4	4869378	CHR4:4869378	SSF x LoA	-8,1574472	-0,041	0,317
CHR4	4883073	CHR4:4883073	SSF x LoA	-11,5446487	0,078	0,294
CHR4	4883078	CHR4:4883078	SSF x LoA	-4,31981412	-0,140	0,311
CHR4	4885836	CHR4:4885836	SSF x LoA	-10,403612	0,009	0,312
CHR4	4890504	CHR4:4890504	SSF x LoA	-7,90346059	-0,007	0,299
CHR4	4890557	CHR4:4890557	SSF x LoA	-8,87732132	0,094	0,303
CHR4	4906203	CHR4:4906203	SSF x LoA	-10,154531	0,119	0,309
CHR4	4906224	CHR4:4906224	SSF x LoA	-10,7502805	-0,044	0,301
CHR4	4906225	CHR4:4906225	SSF x LoA	-10,7680844	-0,058	0,301

CHR4	4916368	CHR4:4916368	SSF x LoA	-10,5456391	-0,091	0,295
CHR4	4919372	CHR4:4919372	SSF x LoA	-10,1055694	-0,066	0,313
CHR4	4919431	CHR4:4919431	SSF x LoA	-9,78965696	-0,046	0,302
CHR4	4922619	CHR4:4922619	SSF x LoA	-5,14846042	0,053	0,300
CHR4	4922643	CHR4:4922643	SSF x LoA	-8,74422006	0,006	0,311
CHR4	4922804	CHR4:4922804	SSF x LoA	-5,72393815	0,061	0,296
CHR4	4927950	CHR4:4927950	SSF x LoA	-7,93913888	-0,015	0,318
CHR4	4928032	CHR4:4928032	SSF x LoA	-10,8441443	-0,013	0,309
CHR4	4928064	CHR4:4928064	SSF x LoA	-8,15974689	-0,031	0,316
CHR4	4928116	CHR4:4928116	SSF x LoA	-8,60347359	-0,022	0,318
CHR4	4928160	CHR4:4928160	SSF x LoA	-10,3808314	0,068	0,309
CHR4	4929881	CHR4:4929881	SSF x LoA	-8,45759653	-0,004	0,316
CHR4	4929922	CHR4:4929922	SSF x LoA	-8,5078555	-0,021	0,315
CHR4	4939338	CHR4:4939338	SSF x LoA	-10,379266	0,015	0,320
CHR4	4939471	CHR4:4939471	SSF x LoA	-10,3441868	0,037	0,302
CHR4	4939476	CHR4:4939476	SSF x LoA	-5,65087045	0,074	0,314
CHR4	4955270	CHR4:4955270	SSF x LoA	-9,42701437	-0,052	0,311
CHR4	4955351	CHR4:4955351	SSF x LoA	-10,0992163	0,141	0,292
CHR4	4955366	CHR4:4955366	SSF x LoA	-4,02798243	-0,128	0,313
CHR4	4955410	CHR4:4955410	SSF x LoA	-6,19256097	0,101	0,310
CHR4	4956569	CHR4:4956569	SSF x LoA	-4,1422291	-0,012	0,322
CHR4	4957266	CHR4:4957266	SSF x LoA	-7,21088693	0,073	0,317
CHR4	4957296	CHR4:4957296	SSF x LoA	-8,96274097	0,086	0,303
CHR4	4957321	CHR4:4957321	SSF x LoA	-7,87884357	-0,124	0,295
CHR4	4957326	CHR4:4957326	SSF x LoA	-9,45039874	-0,064	0,307
CHR4	4957356	CHR4:4957356	SSF x LoA	-12,3392891	0,019	0,295
CHR4	4957504	CHR4:4957504	SSF x LoA	-11,7613121	0,000	0,300
CHR4	4961052	CHR4:4961052	SSF x LoA	-3,40951903	-0,026	0,309
CHR4	4961084	CHR4:4961084	SSF x LoA	-7,27975949	-0,022	0,312
CHR4	4961087	CHR4:4961087	SSF x LoA	-2,72233421	-0,141	0,288
CHR4	4965099	CHR4:4965099	SSF x LoA	-9,34457436	-0,055	0,304
CHR4	4973025	CHR4:4973025	SSF x LoA	0,26592201	0,095	0,301
CHR4	4973037	CHR4:4973037	SSF x LoA	-9,32578527	0,021	0,306
CHR4	4973052	CHR4:4973052	SSF x LoA	-7,94195895	-0,038	0,315
CHR4	4973089	CHR4:4973089	SSF x LoA	-8,59414782	-0,079	0,294
CHR4	4973224	CHR4:4973224	SSF x LoA	-10,5720035	-0,043	0,299
CHR4	4973281	CHR4:4973281	SSF x LoA	-9,60288521	-0,035	0,299
CHR4	4977251	CHR4:4977251	SSF x LoA	-9,26175709	0,019	0,303
CHR4	4997732	CHR4:4997732	SSF x LoA	2,21809768	-0,055	0,307
CHR4	4997819	CHR4:4997819	SSF x LoA	-9,29025101	-0,078	0,307
CHR4	4998958	CHR4:4998958	SSF x LoA	-11,1479879	-0,080	0,315
CHR4	4999073	CHR4:4999073	SSF x LoA	-8,71885309	-0,069	0,313
CHR4	5008578	CHR4:5008578	SSF x LoA	-7,76680387	-0,028	0,318
CHR4	5009991	CHR4:5009991	SSF x LoA	-10,987666	0,019	0,300
CHR4	5010072	CHR4:5010072	SSF x LoA	-11,8479236	0,033	0,304
CHR4	5010127	CHR4:5010127	SSF x LoA	-10,8509846	0,026	0,307
CHR4	5010135	CHR4:5010135	SSF x LoA	-8,67560907	-0,036	0,311
CHR4	5013334	CHR4:5013334	SSF x LoA	-10,3280822	-0,042	0,304
CHR4	5013345	CHR4:5013345	SSF x LoA	-11,4322146	0,007	0,302
CHR4	5013362	CHR4:5013362	SSF x LoA	-11,2665347	-0,008	0,296
CHR4	5013453	CHR4:5013453	SSF x LoA	-7,72807706	-0,143	0,300
CHR4	5013487	CHR4:5013487	SSF x LoA	5,57254146	-0,100	0,305
CHR4	5013528	CHR4:5013528	SSF x LoA	-10,5606978	0,062	0,304

CHR4	5013569	CHR4:5013569	SSF x LoA	-6,06552068	0,037	0,310
CHR4	5013599	CHR4:5013599	SSF x LoA	-10,4604329	-0,032	0,317
CHR4	501869	CHR4:501869	SSF x LoA	-9,79565483	0,013	0,322
CHR4	501959	CHR4:501959	SSF x LoA	-10,4537932	-0,002	0,307
CHR4	5024411	CHR4:5024411	SSF x LoA	-11,5371334	0,040	0,322
CHR4	5024426	CHR4:5024426	SSF x LoA	-8,95858594	-0,095	0,311
CHR4	5024472	CHR4:5024472	SSF x LoA	-10,2747293	-0,016	0,315
CHR4	5026183	CHR4:5026183	SSF x LoA	-11,1078688	-0,015	0,303
CHR4	5026306	CHR4:5026306	SSF x LoA	-10,9136163	0,006	0,315
CHR4	5026325	CHR4:5026325	SSF x LoA	-6,36802025	0,154	0,297
CHR4	5027970	CHR4:5027970	SSF x LoA	-9,33129236	-0,038	0,316
CHR4	5027998	CHR4:5027998	SSF x LoA	-10,782356	-0,010	0,315
CHR4	5028004	CHR4:5028004	SSF x LoA	-8,94585956	0,009	0,323
CHR4	5030595	CHR4:5030595	SSF x LoA	-6,60637895	0,053	0,305
CHR4	5030605	CHR4:5030605	SSF x LoA	-6,57730617	-0,221	0,286
CHR4	5030683	CHR4:5030683	SSF x LoA	-7,43669064	-0,029	0,309
CHR4	5030843	CHR4:5030843	SSF x LoA	-8,59440187	0,034	0,305
CHR4	5030872	CHR4:5030872	SSF x LoA	-10,1518318	-0,045	0,313
CHR4	5036448	CHR4:5036448	SSF x LoA	-9,00776176	0,103	0,305
CHR4	5036472	CHR4:5036472	SSF x LoA	-3,79000873	0,159	0,309
CHR4	5036510	CHR4:5036510	SSF x LoA	-6,90012568	0,122	0,312
CHR4	5050350	CHR4:5050350	SSF x LoA	-6,97375185	0,109	0,312
CHR4	5050466	CHR4:5050466	SSF x LoA	-8,29691406	0,041	0,315
CHR4	5055078	CHR4:5055078	SSF x LoA	-5,93034543	-0,175	0,287
CHR4	5055085	CHR4:5055085	SSF x LoA	-9,48560538	0,018	0,304
CHR4	5055123	CHR4:5055123	SSF x LoA	-9,51661431	-0,052	0,317
CHR4	5066200	CHR4:5066200	SSF x LoA	-6,06000994	-0,077	0,322
CHR4	5066245	CHR4:5066245	SSF x LoA	-4,73674931	0,156	0,296
CHR4	5066307	CHR4:5066307	SSF x LoA	-9,93625874	0,013	0,299
CHR4	5075300	CHR4:5075300	SSF x LoA	-9,23515064	0,098	0,311
CHR4	5086346	CHR4:5086346	SSF x LoA	-11,9176029	0,027	0,296
CHR4	5086497	CHR4:5086497	SSF x LoA	-6,6740888	0,075	0,309
CHR4	5093203	CHR4:5093203	SSF x LoA	-11,4827765	-0,051	0,304
CHR4	5116018	CHR4:5116018	SSF x LoA	-9,40910437	0,078	0,294
CHR4	5116060	CHR4:5116060	SSF x LoA	-9,13439937	-0,046	0,303
CHR4	5120488	CHR4:5120488	SSF x LoA	-11,4805293	0,015	0,312
CHR4	513566	CHR4:513566	SSF x LoA	-9,88999467	0,036	0,307
CHR4	5139489	CHR4:5139489	SSF x LoA	-11,9928527	0,022	0,307
CHR4	5139571	CHR4:5139571	SSF x LoA	-8,80155631	-0,087	0,311
CHR4	5139575	CHR4:5139575	SSF x LoA	-8,33477577	-0,073	0,320
CHR4	5139589	CHR4:5139589	SSF x LoA	-8,94175704	-0,009	0,312
CHR4	5139625	CHR4:5139625	SSF x LoA	-10,3679432	0,019	0,307
CHR4	5139658	CHR4:5139658	SSF x LoA	-11,0976273	-0,041	0,305
CHR4	5139661	CHR4:5139661	SSF x LoA	-7,27792292	0,006	0,292
CHR4	5139676	CHR4:5139676	SSF x LoA	-8,92487556	-0,129	0,292
CHR4	5139765	CHR4:5139765	SSF x LoA	-9,70730326	0,021	0,305
CHR4	5139766	CHR4:5139766	SSF x LoA	-9,73284732	0,005	0,301
CHR4	5139774	CHR4:5139774	SSF x LoA	-9,13730204	-0,011	0,314
CHR4	5145991	CHR4:5145991	SSF x LoA	-4,93170956	0,103	0,310
CHR4	5146049	CHR4:5146049	SSF x LoA	-7,11322461	-0,010	0,316
CHR4	5146111	CHR4:5146111	SSF x LoA	-6,18202976	0,124	0,318
CHR4	5146127	CHR4:5146127	SSF x LoA	-4,97670857	0,065	0,314
CHR4	5153013	CHR4:5153013	SSF x LoA	-9,89882436	-0,017	0,294

CHR4	5153017	CHR4:5153017	SSF x LoA	-8,12242224	-0,032	0,320
CHR4	5153889	CHR4:5153889	SSF x LoA	-9,26960166	-0,017	0,302
CHR4	5153930	CHR4:5153930	SSF x LoA	-8,21565666	0,001	0,312
CHR4	5155130	CHR4:5155130	SSF x LoA	-9,16705268	0,018	0,314
CHR4	5155165	CHR4:5155165	SSF x LoA	-10,2914272	0,065	0,307
CHR4	5155166	CHR4:5155166	SSF x LoA	-11,6706139	0,050	0,307
CHR4	5155512	CHR4:5155512	SSF x LoA	-11,8158897	-0,011	0,303
CHR4	5155525	CHR4:5155525	SSF x LoA	-8,97503361	0,001	0,305
CHR4	5155547	CHR4:5155547	SSF x LoA	-8,30051153	-0,071	0,313
CHR4	5155564	CHR4:5155564	SSF x LoA	-7,98827989	-0,122	0,313
CHR4	5155565	CHR4:5155565	SSF x LoA	-10,8012543	0,067	0,306
CHR4	5155601	CHR4:5155601	SSF x LoA	-9,16063253	-0,062	0,308
CHR4	5159494	CHR4:5159494	SSF x LoA	-8,7593537	0,133	0,311
CHR4	5159556	CHR4:5159556	SSF x LoA	-7,80600295	0,184	0,290
CHR4	5161124	CHR4:5161124	SSF x LoA	-8,61837052	0,078	0,306
CHR4	5161138	CHR4:5161138	SSF x LoA	-5,69219376	-0,152	0,302
CHR4	5165441	CHR4:5165441	SSF x LoA	-10,3656776	0,019	0,314
CHR4	5166651	CHR4:5166651	SSF x LoA	-2,37891811	-0,098	0,306
CHR4	5176527	CHR4:5176527	SSF x LoA	-8,77211087	0,063	0,329
CHR4	5176795	CHR4:5176795	SSF x LoA	-9,28925806	0,078	0,314
CHR4	5176812	CHR4:5176812	SSF x LoA	-9,46489674	0,016	0,303
CHR4	5180643	CHR4:5180643	SSF x LoA	-9,73931407	0,041	0,309
CHR4	5180663	CHR4:5180663	SSF x LoA	2,60488374	0,072	0,306
CHR4	5183751	CHR4:5183751	SSF x LoA	-10,1898404	0,043	0,303
CHR4	5184056	CHR4:5184056	SSF x LoA	-11,7371327	-0,058	0,311
CHR4	5184065	CHR4:5184065	SSF x LoA	-9,33955182	0,029	0,306
CHR4	5185715	CHR4:5185715	SSF x LoA	-10,0290153	0,072	0,298
CHR4	5185914	CHR4:5185914	SSF x LoA	-6,92834859	0,113	0,295
CHR4	5185927	CHR4:5185927	SSF x LoA	-6,64457104	-0,025	0,298
CHR4	5188280	CHR4:5188280	SSF x LoA	-10,4363167	0,003	0,310
CHR4	5189941	CHR4:5189941	SSF x LoA	-11,0442077	-0,008	0,308
CHR4	5189992	CHR4:5189992	SSF x LoA	-11,0318662	-0,081	0,302
CHR4	5189993	CHR4:5189993	SSF x LoA	-9,63509995	-0,084	0,310
CHR4	5193054	CHR4:5193054	SSF x LoA	-10,3303928	0,014	0,310
CHR4	5193138	CHR4:5193138	SSF x LoA	-9,77115186	-0,029	0,291
CHR4	5193231	CHR4:5193231	SSF x LoA	-11,4711436	-0,019	0,309
CHR4	5193257	CHR4:5193257	SSF x LoA	-9,61637523	-0,104	0,301
CHR4	5193302	CHR4:5193302	SSF x LoA	-5,66268989	0,001	0,318
CHR4	5197831	CHR4:5197831	SSF x LoA	-12,1126758	-0,020	0,304
CHR4	5207458	CHR4:5207458	SSF x LoA	-10,4570496	-0,062	0,313
CHR4	5207469	CHR4:5207469	SSF x LoA	-7,84267493	-0,016	0,302
CHR4	5210216	CHR4:5210216	SSF x LoA	-10,3070493	-0,133	0,306
CHR4	5216703	CHR4:5216703	SSF x LoA	-8,34352007	0,026	0,315
CHR4	5216709	CHR4:5216709	SSF x LoA	-6,45901008	0,149	0,299
CHR4	5220046	CHR4:5220046	SSF x LoA	-10,1547532	0,022	0,297
CHR4	5221729	CHR4:5221729	SSF x LoA	-10,5188081	-0,007	0,311
CHR4	5221734	CHR4:5221734	SSF x LoA	-8,98361161	0,126	0,316
CHR4	5221760	CHR4:5221760	SSF x LoA	-8,13281379	0,141	0,308
CHR4	5221841	CHR4:5221841	SSF x LoA	-10,8595053	0,037	0,303
CHR4	5221852	CHR4:5221852	SSF x LoA	-9,31608867	0,118	0,315
CHR4	5224920	CHR4:5224920	SSF x LoA	-10,2384578	0,042	0,308
CHR4	5225035	CHR4:5225035	SSF x LoA	-9,13648478	-0,040	0,317
CHR4	5229463	CHR4:5229463	SSF x LoA	-8,88729966	0,072	0,306

CHR4	5229495	CHR4:5229495	SSF x LoA	-7,22313348	0,114	0,302
CHR4	5229500	CHR4:5229500	SSF x LoA	-11,0541753	-0,004	0,305
CHR4	5229504	CHR4:5229504	SSF x LoA	-10,1289026	-0,013	0,305
CHR4	5229569	CHR4:5229569	SSF x LoA	-10,4601407	0,108	0,302
CHR4	5229663	CHR4:5229663	SSF x LoA	-11,0108156	-0,073	0,306
CHR4	5232201	CHR4:5232201	SSF x LoA	-8,93059431	0,030	0,308
CHR4	5232308	CHR4:5232308	SSF x LoA	-6,86795659	-0,003	0,311
CHR4	5232366	CHR4:5232366	SSF x LoA	-11,1399581	-0,009	0,315
CHR4	5232442	CHR4:5232442	SSF x LoA	-9,2384413	-0,004	0,301
CHR4	5235244	CHR4:5235244	SSF x LoA	-10,9700976	-0,052	0,319
CHR4	5235307	CHR4:5235307	SSF x LoA	-9,40810759	0,014	0,292
CHR4	5235325	CHR4:5235325	SSF x LoA	-11,1848666	0,053	0,305
CHR4	5244871	CHR4:5244871	SSF x LoA	-11,5202278	0,044	0,312
CHR4	5244873	CHR4:5244873	SSF x LoA	-9,15268962	-0,018	0,318
CHR4	5244874	CHR4:5244874	SSF x LoA	-10,3163811	-0,001	0,308
CHR4	5247671	CHR4:5247671	SSF x LoA	-9,69938274	-0,002	0,313
CHR4	5249300	CHR4:5249300	SSF x LoA	-10,278174	0,074	0,300
CHR4	5250887	CHR4:5250887	SSF x LoA	-9,57841629	0,147	0,296
CHR4	5250928	CHR4:5250928	SSF x LoA	-10,8979641	-0,061	0,298
CHR4	5253946	CHR4:5253946	SSF x LoA	-10,952982	-0,025	0,302
CHR4	5254037	CHR4:5254037	SSF x LoA	-11,1685489	0,019	0,304
CHR4	5272511	CHR4:5272511	SSF x LoA	-11,4865744	-0,080	0,301
CHR4	5272533	CHR4:5272533	SSF x LoA	-8,91365436	-0,033	0,313
CHR4	5272583	CHR4:5272583	SSF x LoA	-10,701848	-0,008	0,318
CHR4	5287999	CHR4:5287999	SSF x LoA	-9,97464519	-0,009	0,305
CHR4	5288764	CHR4:5288764	SSF x LoA	-10,803577	0,023	0,314
CHR4	5292621	CHR4:5292621	SSF x LoA	-11,2208464	-0,056	0,307
CHR4	5292631	CHR4:5292631	SSF x LoA	-8,27852735	-0,076	0,304
CHR4	5300779	CHR4:5300779	SSF x LoA	-11,5763117	-0,077	0,307
CHR4	5300904	CHR4:5300904	SSF x LoA	-5,59922199	0,068	0,320
CHR4	5300916	CHR4:5300916	SSF x LoA	-9,39603321	0,113	0,292
CHR4	5300928	CHR4:5300928	SSF x LoA	-10,6665174	0,053	0,309
CHR4	5300948	CHR4:5300948	SSF x LoA	-6,60545877	0,050	0,297
CHR4	5300951	CHR4:5300951	SSF x LoA	-6,88486542	-0,096	0,297
CHR4	5300976	CHR4:5300976	SSF x LoA	-7,43859967	-0,150	0,297
CHR4	5302235	CHR4:5302235	SSF x LoA	-7,87842097	0,091	0,309
CHR4	5302238	CHR4:5302238	SSF x LoA	-5,53127432	0,013	0,320
CHR4	5306273	CHR4:5306273	SSF x LoA	-6,95232518	-0,059	0,295
CHR4	5306419	CHR4:5306419	SSF x LoA	-10,2589822	-0,071	0,305
CHR4	5306619	CHR4:5306619	SSF x LoA	2,61912898	-0,080	0,304
CHR4	5306630	CHR4:5306630	SSF x LoA	-11,6590455	-0,083	0,305
CHR4	5314911	CHR4:5314911	SSF x LoA	-10,0001525	-0,160	0,294
CHR4	5337956	CHR4:5337956	SSF x LoA	-9,30998982	-0,082	0,307
CHR4	5338070	CHR4:5338070	SSF x LoA	-6,19221408	0,020	0,305
CHR4	5338086	CHR4:5338086	SSF x LoA	-8,41104324	-0,121	0,303
CHR4	5338132	CHR4:5338132	SSF x LoA	-10,1495703	-0,060	0,301
CHR4	5338157	CHR4:5338157	SSF x LoA	-10,8414528	0,019	0,316
CHR4	5338181	CHR4:5338181	SSF x LoA	-9,7107433	-0,067	0,311
CHR4	5338219	CHR4:5338219	SSF x LoA	-10,8704987	0,041	0,310
CHR4	5344833	CHR4:5344833	SSF x LoA	-9,26115896	0,025	0,305
CHR4	5344840	CHR4:5344840	SSF x LoA	-4,83993815	0,151	0,295
CHR4	5344841	CHR4:5344841	SSF x LoA	-5,63877173	0,176	0,293
CHR4	5344921	CHR4:5344921	SSF x LoA	-7,61476069	0,086	0,313

CHR4	5344922	CHR4:5344922	SSF x LoA	-9,37286054	-0,021	0,297
CHR4	5354043	CHR4:5354043	SSF x LoA	-10,7189246	-0,019	0,295
CHR4	5354083	CHR4:5354083	SSF x LoA	-10,2216106	-0,049	0,308
CHR4	5354147	CHR4:5354147	SSF x LoA	-9,7844835	-0,101	0,299
CHR4	5362832	CHR4:5362832	SSF x LoA	-10,7388854	0,041	0,305
CHR4	5362883	CHR4:5362883	SSF x LoA	-8,04645246	-0,067	0,310
CHR4	5362911	CHR4:5362911	SSF x LoA	-8,47409315	0,028	0,314
CHR4	5367594	CHR4:5367594	SSF x LoA	-8,48643855	-0,106	0,316
CHR4	5367804	CHR4:5367804	SSF x LoA	-9,77076456	-0,023	0,319
CHR4	5372249	CHR4:5372249	SSF x LoA	-11,9720286	0,005	0,301
CHR4	5378862	CHR4:5378862	SSF x LoA	-4,95583969	-0,160	0,296
CHR4	5378909	CHR4:5378909	SSF x LoA	-9,35106845	0,013	0,310
CHR4	5378949	CHR4:5378949	SSF x LoA	-8,87333886	0,110	0,308
CHR4	5378954	CHR4:5378954	SSF x LoA	-8,47698946	-0,077	0,298
CHR4	537922	CHR4:537922	SSF x LoA	-6,58545028	0,044	0,307
CHR4	537931	CHR4:537931	SSF x LoA	-3,06619956	-0,204	0,303
CHR4	53819	CHR4:53819	SSF x LoA	-10,1198311	-0,044	0,297
CHR4	5386171	CHR4:5386171	SSF x LoA	-9,3536446	0,029	0,308
CHR4	5391204	CHR4:5391204	SSF x LoA	-9,67463305	-0,031	0,305
CHR4	5395389	CHR4:5395389	SSF x LoA	-8,9198027	0,112	0,299
CHR4	5406337	CHR4:5406337	SSF x LoA	-7,77425548	0,042	0,304
CHR4	5406392	CHR4:5406392	SSF x LoA	-9,63329734	0,113	0,304
CHR4	5406442	CHR4:5406442	SSF x LoA	-10,0015382	0,114	0,301
CHR4	5406493	CHR4:5406493	SSF x LoA	-9,11922226	-0,050	0,306
CHR4	5406533	CHR4:5406533	SSF x LoA	-9,94340083	0,010	0,305
CHR4	5412259	CHR4:5412259	SSF x LoA	-9,04663204	-0,009	0,303
CHR4	5412566	CHR4:5412566	SSF x LoA	-10,9470171	-0,102	0,311
CHR4	5422369	CHR4:5422369	SSF x LoA	-11,4293134	-0,019	0,301
CHR4	5422565	CHR4:5422565	SSF x LoA	-5,56298497	-0,089	0,290
CHR4	5427344	CHR4:5427344	SSF x LoA	-10,9841285	-0,042	0,317
CHR4	5427820	CHR4:5427820	SSF x LoA	-10,2345465	0,015	0,302
CHR4	5439157	CHR4:5439157	SSF x LoA	-2,51009024	-0,011	0,321
CHR4	5466058	CHR4:5466058	SSF x LoA	-11,2071458	0,091	0,301
CHR4	5466207	CHR4:5466207	SSF x LoA	-8,48680263	-0,058	0,297
CHR4	5466247	CHR4:5466247	SSF x LoA	-10,0233396	0,033	0,318
CHR4	5466293	CHR4:5466293	SSF x LoA	-7,27612572	0,011	0,314
CHR4	5496464	CHR4:5496464	SSF x LoA	-9,33259438	0,014	0,290
CHR4	5496528	CHR4:5496528	SSF x LoA	-9,87789809	0,076	0,304
CHR4	5502253	CHR4:5502253	SSF x LoA	-9,73618477	0,016	0,297
CHR4	5512921	CHR4:5512921	SSF x LoA	-11,414113	-0,008	0,305
CHR4	5513095	CHR4:5513095	SSF x LoA	-9,19555551	0,004	0,295
CHR4	5517463	CHR4:5517463	SSF x LoA	-11,8521291	0,070	0,287
CHR4	5518153	CHR4:5518153	SSF x LoA	-9,39211877	-0,089	0,302
CHR4	5518157	CHR4:5518157	SSF x LoA	-10,4027028	-0,114	0,310
CHR4	5518159	CHR4:5518159	SSF x LoA	-7,72513339	-0,033	0,321
CHR4	5518200	CHR4:5518200	SSF x LoA	-5,61915908	0,150	0,307
CHR4	5518266	CHR4:5518266	SSF x LoA	-10,2755246	-0,100	0,293
CHR4	552062	CHR4:552062	SSF x LoA	-8,22672514	-0,148	0,297
CHR4	552078	CHR4:552078	SSF x LoA	-7,78687863	-0,133	0,286
CHR4	552283	CHR4:552283	SSF x LoA	-8,86630947	0,076	0,307
CHR4	5525420	CHR4:5525420	SSF x LoA	-9,44783521	0,000	0,315
CHR4	5528869	CHR4:5528869	SSF x LoA	-4,1097588	-0,161	0,295
CHR4	5528979	CHR4:5528979	SSF x LoA	-7,98419759	0,048	0,323

CHR4	5541502	CHR4:5541502	SSF x LoA	-7,27854181	-0,073	0,299
CHR4	5541541	CHR4:5541541	SSF x LoA	-9,65196052	0,046	0,301
CHR4	5541651	CHR4:5541651	SSF x LoA	-10,8126301	0,084	0,292
CHR4	5541760	CHR4:5541760	SSF x LoA	-10,4383014	0,019	0,299
CHR4	5553933	CHR4:5553933	SSF x LoA	-7,65088266	-0,117	0,297
CHR4	5553971	CHR4:5553971	SSF x LoA	-9,23795177	0,075	0,304
CHR4	5553990	CHR4:5553990	SSF x LoA	-10,8017097	0,014	0,309
CHR4	5564720	CHR4:5564720	SSF x LoA	-8,2813464	0,104	0,311
CHR4	5565195	CHR4:5565195	SSF x LoA	-9,65624677	-0,189	0,296
CHR4	5565262	CHR4:5565262	SSF x LoA	-8,68044576	0,118	0,302
CHR4	5565311	CHR4:5565311	SSF x LoA	-8,54668158	-0,065	0,303
CHR4	5565337	CHR4:5565337	SSF x LoA	-8,90234428	0,130	0,307
CHR4	5591024	CHR4:5591024	SSF x LoA	-8,80659241	-0,051	0,296
CHR4	5591043	CHR4:5591043	SSF x LoA	-9,38035673	0,035	0,300
CHR4	5591046	CHR4:5591046	SSF x LoA	-7,98192086	-0,045	0,296
CHR4	5591070	CHR4:5591070	SSF x LoA	-8,75810617	-0,014	0,311
CHR4	5591178	CHR4:5591178	SSF x LoA	-8,3210452	0,024	0,302
CHR4	5591221	CHR4:5591221	SSF x LoA	-8,33238241	-0,112	0,311
CHR4	5598351	CHR4:5598351	SSF x LoA	-8,8893507	0,057	0,304
CHR4	5598406	CHR4:5598406	SSF x LoA	-9,47617057	-0,013	0,320
CHR4	5598411	CHR4:5598411	SSF x LoA	-9,43588631	0,003	0,303
CHR4	5598442	CHR4:5598442	SSF x LoA	-9,55906056	-0,041	0,301
CHR4	5598444	CHR4:5598444	SSF x LoA	-9,21459104	0,030	0,310
CHR4	5603680	CHR4:5603680	SSF x LoA	-1,80784963	0,116	0,306
CHR4	5603681	CHR4:5603681	SSF x LoA	-9,01607034	0,113	0,304
CHR4	5606227	CHR4:5606227	SSF x LoA	-9,95436422	0,049	0,314
CHR4	561876	CHR4:561876	SSF x LoA	-9,35222704	0,011	0,310
CHR4	5626645	CHR4:5626645	SSF x LoA	-9,5279401	-0,038	0,311
CHR4	565567	CHR4:565567	SSF x LoA	-10,5677107	0,022	0,319
CHR4	5660738	CHR4:5660738	SSF x LoA	-8,79514022	0,004	0,300
CHR4	5660789	CHR4:5660789	SSF x LoA	-8,88969039	-0,097	0,302
CHR4	5660839	CHR4:5660839	SSF x LoA	-11,4985458	-0,002	0,298
CHR4	5665442	CHR4:5665442	SSF x LoA	-9,4715721	-0,151	0,306
CHR4	5670100	CHR4:5670100	SSF x LoA	-10,3163087	-0,142	0,312
CHR4	5670112	CHR4:5670112	SSF x LoA	-8,73988407	-0,142	0,295
CHR4	5679269	CHR4:5679269	SSF x LoA	-8,74361861	-0,070	0,313
CHR4	5679349	CHR4:5679349	SSF x LoA	-7,56072258	0,024	0,326
CHR4	5679356	CHR4:5679356	SSF x LoA	-8,529247	0,046	0,293
CHR4	5679358	CHR4:5679358	SSF x LoA	-9,42756244	-0,101	0,308
CHR4	5680679	CHR4:5680679	SSF x LoA	-9,44387782	0,082	0,300
CHR4	5684611	CHR4:5684611	SSF x LoA	-10,0403043	-0,028	0,302
CHR4	5684738	CHR4:5684738	SSF x LoA	-8,10346228	0,089	0,307
CHR4	5684857	CHR4:5684857	SSF x LoA	-9,99622718	0,026	0,300
CHR4	5684867	CHR4:5684867	SSF x LoA	-8,34220341	0,055	0,294
CHR4	5684891	CHR4:5684891	SSF x LoA	-9,06284324	0,011	0,316
CHR4	5689589	CHR4:5689589	SSF x LoA	-11,3579781	0,070	0,287
CHR4	5689667	CHR4:5689667	SSF x LoA	-8,48081323	0,098	0,309
CHR4	5694735	CHR4:5694735	SSF x LoA	-6,82786808	0,008	0,319
CHR4	5696272	CHR4:5696272	SSF x LoA	-11,5272193	-0,016	0,291
CHR4	5696363	CHR4:5696363	SSF x LoA	-10,6136485	-0,156	0,302
CHR4	5696379	CHR4:5696379	SSF x LoA	-9,16853984	0,017	0,300
CHR4	5704714	CHR4:5704714	SSF x LoA	-7,54474246	0,110	0,298
CHR4	570702	CHR4:570702	SSF x LoA	-10,6082726	-0,011	0,315

CHR4	5711857	CHR4:5711857	SSF x LoA	-10,9324988	0,001	0,310
CHR4	5711892	CHR4:5711892	SSF x LoA	-9,93097113	-0,047	0,308
CHR4	5717928	CHR4:5717928	SSF x LoA	-7,71012657	0,107	0,296
CHR4	5721074	CHR4:5721074	SSF x LoA	-6,31884382	-0,149	0,299
CHR4	5721142	CHR4:5721142	SSF x LoA	-10,0366192	0,080	0,300
CHR4	5721153	CHR4:5721153	SSF x LoA	-10,5960454	-0,019	0,316
CHR4	5721221	CHR4:5721221	SSF x LoA	-8,96101305	0,034	0,319
CHR4	5721263	CHR4:5721263	SSF x LoA	-10,3281218	-0,027	0,300
CHR4	5721278	CHR4:5721278	SSF x LoA	-8,64163411	-0,057	0,294
CHR4	5721284	CHR4:5721284	SSF x LoA	-5,80501689	-0,094	0,307
CHR4	5729750	CHR4:5729750	SSF x LoA	-11,7403524	-0,045	0,304
CHR4	5729993	CHR4:5729993	SSF x LoA	-8,64142938	-0,118	0,306
CHR4	5730044	CHR4:5730044	SSF x LoA	-8,02320437	-0,039	0,326
CHR4	5739819	CHR4:5739819	SSF x LoA	-5,20946626	-0,101	0,303
CHR4	5739882	CHR4:5739882	SSF x LoA	-5,32364761	0,090	0,326
CHR4	5743782	CHR4:5743782	SSF x LoA	-6,86379337	-0,130	0,290
CHR4	5744914	CHR4:5744914	SSF x LoA	-9,39729062	0,094	0,308
CHR4	5744931	CHR4:5744931	SSF x LoA	-9,7947004	0,051	0,309
CHR4	5744934	CHR4:5744934	SSF x LoA	-8,38311143	0,072	0,289
CHR4	5744937	CHR4:5744937	SSF x LoA	-10,2590352	0,046	0,298
CHR4	5758387	CHR4:5758387	SSF x LoA	-7,76530589	0,141	0,295
CHR4	5759127	CHR4:5759127	SSF x LoA	-6,77065062	-0,161	0,295
CHR4	5759146	CHR4:5759146	SSF x LoA	-3,81564389	-0,095	0,298
CHR4	5759276	CHR4:5759276	SSF x LoA	-9,38733222	-0,061	0,303
CHR4	5762574	CHR4:5762574	SSF x LoA	-8,35194717	0,013	0,309
CHR4	5783265	CHR4:5783265	SSF x LoA	-9,98787446	-0,037	0,291
CHR4	5796382	CHR4:5796382	SSF x LoA	-8,47873428	0,052	0,302
CHR4	5796390	CHR4:5796390	SSF x LoA	-11,2279717	-0,032	0,312
CHR4	5796440	CHR4:5796440	SSF x LoA	-8,67058522	-0,037	0,309
CHR4	5796513	CHR4:5796513	SSF x LoA	-11,3897389	-0,021	0,300
CHR4	5796548	CHR4:5796548	SSF x LoA	-8,27084959	0,071	0,311
CHR4	5808383	CHR4:5808383	SSF x LoA	-10,1616027	-0,013	0,292
CHR4	5808469	CHR4:5808469	SSF x LoA	-6,9661024	-0,025	0,307
CHR4	5808470	CHR4:5808470	SSF x LoA	-9,38759284	-0,012	0,298
CHR4	5821443	CHR4:5821443	SSF x LoA	-3,29586948	0,043	0,313
CHR4	5821477	CHR4:5821477	SSF x LoA	-9,74998355	0,027	0,319
CHR4	5821530	CHR4:5821530	SSF x LoA	-10,6101492	-0,065	0,294
CHR4	5821545	CHR4:5821545	SSF x LoA	-11,8450301	-0,002	0,296
CHR4	5821549	CHR4:5821549	SSF x LoA	-8,92882604	0,020	0,316
CHR4	5821577	CHR4:5821577	SSF x LoA	-8,14522093	-0,016	0,313
CHR4	5824124	CHR4:5824124	SSF x LoA	-10,2467667	-0,008	0,305
CHR4	5825570	CHR4:5825570	SSF x LoA	-9,57102985	0,018	0,296
CHR4	5825608	CHR4:5825608	SSF x LoA	-10,4984307	-0,053	0,310
CHR4	5825613	CHR4:5825613	SSF x LoA	-12,0921036	0,024	0,310
CHR4	5828579	CHR4:5828579	SSF x LoA	-9,23706949	-0,095	0,309
CHR4	5833707	CHR4:5833707	SSF x LoA	-7,85625514	-0,081	0,307
CHR4	5833716	CHR4:5833716	SSF x LoA	-8,41008469	-0,041	0,314
CHR4	5833786	CHR4:5833786	SSF x LoA	-7,43668596	0,137	0,305
CHR4	5833788	CHR4:5833788	SSF x LoA	-7,78504119	-0,097	0,303
CHR4	5833827	CHR4:5833827	SSF x LoA	-11,6773717	0,043	0,306
CHR4	5833828	CHR4:5833828	SSF x LoA	-10,5755482	0,044	0,301
CHR4	5844922	CHR4:5844922	SSF x LoA	-11,6132799	0,015	0,318
CHR4	5844932	CHR4:5844932	SSF x LoA	-9,84372643	-0,043	0,298

CHR4	5844937	CHR4:5844937	SSF x LoA	-9,21075651	-0,053	0,307
CHR4	5844960	CHR4:5844960	SSF x LoA	-9,50783305	-0,038	0,322
CHR4	5845018	CHR4:5845018	SSF x LoA	-12,1063023	0,001	0,297
CHR4	5845177	CHR4:5845177	SSF x LoA	8,84235829	0,164	0,303
CHR4	5848704	CHR4:5848704	SSF x LoA	-9,80252338	-0,094	0,309
CHR4	5848705	CHR4:5848705	SSF x LoA	-8,68447574	-0,095	0,301
CHR4	5848800	CHR4:5848800	SSF x LoA	-10,6013522	-0,027	0,292
CHR4	5848832	CHR4:5848832	SSF x LoA	-9,00182769	-0,138	0,310
CHR4	5881175	CHR4:5881175	SSF x LoA	-9,45423598	-0,037	0,295
CHR4	5882066	CHR4:5882066	SSF x LoA	-10,7577353	0,119	0,313
CHR4	5882163	CHR4:5882163	SSF x LoA	-4,48045022	0,007	0,306
CHR4	5882225	CHR4:5882225	SSF x LoA	-9,32875497	-0,127	0,300
CHR4	5883348	CHR4:5883348	SSF x LoA	-11,1511523	-0,094	0,302
CHR4	5883398	CHR4:5883398	SSF x LoA	-9,56633241	0,064	0,289
CHR4	5887540	CHR4:5887540	SSF x LoA	-10,7107174	-0,001	0,315
CHR4	5902936	CHR4:5902936	SSF x LoA	-11,2488456	-0,081	0,289
CHR4	5911028	CHR4:5911028	SSF x LoA	-6,41799184	0,132	0,293
CHR4	5911048	CHR4:5911048	SSF x LoA	-9,14912296	-0,031	0,308
CHR4	5911052	CHR4:5911052	SSF x LoA	-7,62856944	-0,049	0,307
CHR4	5911079	CHR4:5911079	SSF x LoA	-11,7759601	-0,034	0,290
CHR4	5911098	CHR4:5911098	SSF x LoA	16,5909856	0,050	0,307
CHR4	5921831	CHR4:5921831	SSF x LoA	-8,75455616	-0,101	0,298
CHR4	5921893	CHR4:5921893	SSF x LoA	-10,7565954	0,040	0,307
CHR4	5922084	CHR4:5922084	SSF x LoA	-10,2709112	0,043	0,303
CHR4	5925204	CHR4:5925204	SSF x LoA	-10,2957771	0,055	0,309
CHR4	5925242	CHR4:5925242	SSF x LoA	-8,29456619	0,074	0,309
CHR4	5925261	CHR4:5925261	SSF x LoA	-9,81743951	-0,123	0,293
CHR4	5925268	CHR4:5925268	SSF x LoA	1,37850817	-0,111	0,311
CHR4	5936820	CHR4:5936820	SSF x LoA	-7,08718176	-0,218	0,293
CHR4	5936823	CHR4:5936823	SSF x LoA	-6,33473422	-0,203	0,294
CHR4	5936905	CHR4:5936905	SSF x LoA	-7,93665774	0,126	0,305
CHR4	5936925	CHR4:5936925	SSF x LoA	-9,84000237	-0,088	0,302
CHR4	5936926	CHR4:5936926	SSF x LoA	-9,98581124	-0,076	0,303
CHR4	5937924	CHR4:5937924	SSF x LoA	-9,93491601	0,062	0,302
CHR4	5937936	CHR4:5937936	SSF x LoA	-8,99033249	-0,055	0,316
CHR4	5939642	CHR4:5939642	SSF x LoA	-9,56555345	-0,082	0,310
CHR4	5939671	CHR4:5939671	SSF x LoA	-10,4358043	-0,036	0,312
CHR4	5939680	CHR4:5939680	SSF x LoA	-8,12311291	-0,036	0,323
CHR4	5939681	CHR4:5939681	SSF x LoA	-8,87999728	0,014	0,318
CHR4	5939683	CHR4:5939683	SSF x LoA	-9,23465251	-0,046	0,309
CHR4	5939696	CHR4:5939696	SSF x LoA	-7,33743388	0,046	0,303
CHR4	5939866	CHR4:5939866	SSF x LoA	0,44443111	0,044	0,307
CHR4	5947310	CHR4:5947310	SSF x LoA	-8,83769544	0,029	0,300
CHR4	5947392	CHR4:5947392	SSF x LoA	-5,87534683	0,030	0,306
CHR4	5948784	CHR4:5948784	SSF x LoA	-10,9054098	-0,041	0,313
CHR4	5948973	CHR4:5948973	SSF x LoA	-8,93841072	0,002	0,308
CHR4	5949006	CHR4:5949006	SSF x LoA	-9,9299109	0,070	0,308
CHR4	5953783	CHR4:5953783	SSF x LoA	-10,2724547	0,053	0,305
CHR4	5958005	CHR4:5958005	SSF x LoA	-9,49112999	0,021	0,290
CHR4	5958015	CHR4:5958015	SSF x LoA	-10,0586501	-0,075	0,311
CHR4	5958064	CHR4:5958064	SSF x LoA	-6,73911771	0,061	0,308
CHR4	5958092	CHR4:5958092	SSF x LoA	-4,86303559	0,089	0,294
CHR4	5958094	CHR4:5958094	SSF x LoA	-10,3963	-0,046	0,314

CHR4	5964704	CHR4:5964704	SSF x LoA	-9,5046831	0,042	0,308
CHR4	5964952	CHR4:5964952	SSF x LoA	-9,88975186	-0,054	0,306
CHR4	5974083	CHR4:5974083	SSF x LoA	-8,69153549	0,068	0,313
CHR4	5974178	CHR4:5974178	SSF x LoA	-9,13796687	0,017	0,293
CHR4	597829	CHR4:597829	SSF x LoA	-10,7938639	0,069	0,307
CHR4	597973	CHR4:597973	SSF x LoA	-6,78813118	0,059	0,297
CHR4	598042	CHR4:598042	SSF x LoA	-11,3740307	0,053	0,313
CHR4	5998350	CHR4:5998350	SSF x LoA	-8,94894527	0,029	0,295
CHR4	5998366	CHR4:5998366	SSF x LoA	-7,87852732	0,001	0,302
CHR4	5998368	CHR4:5998368	SSF x LoA	-9,527604	0,001	0,302
CHR4	5998404	CHR4:5998404	SSF x LoA	-11,1766491	0,025	0,313
CHR4	5998480	CHR4:5998480	SSF x LoA	-7,95926602	0,049	0,315
CHR4	6003182	CHR4:6003182	SSF x LoA	-6,7523002	-0,010	0,300
CHR4	6003380	CHR4:6003380	SSF x LoA	-8,6934959	0,108	0,312
CHR4	6003424	CHR4:6003424	SSF x LoA	-10,8804416	0,076	0,304
CHR4	6003427	CHR4:6003427	SSF x LoA	-11,9482769	0,058	0,298
CHR4	6003441	CHR4:6003441	SSF x LoA	-9,50341187	0,029	0,307
CHR4	6003455	CHR4:6003455	SSF x LoA	-7,89982121	0,061	0,308
CHR4	6022243	CHR4:6022243	SSF x LoA	-2,67627382	-0,147	0,311
CHR4	6022259	CHR4:6022259	SSF x LoA	-8,76951913	0,113	0,306
CHR4	6022289	CHR4:6022289	SSF x LoA	-7,44950481	-0,087	0,297
CHR4	6022335	CHR4:6022335	SSF x LoA	-9,44111391	0,127	0,299
CHR4	6035071	CHR4:6035071	SSF x LoA	-9,0728872	0,093	0,297
CHR4	6035181	CHR4:6035181	SSF x LoA	-9,01335314	-0,102	0,309
CHR4	6035232	CHR4:6035232	SSF x LoA	-8,18021315	-0,087	0,298
CHR4	6035249	CHR4:6035249	SSF x LoA	-9,82380753	-0,042	0,297
CHR4	6035275	CHR4:6035275	SSF x LoA	-9,18961526	-0,033	0,305
CHR4	6035282	CHR4:6035282	SSF x LoA	-4,36042165	-0,012	0,306
CHR4	6035283	CHR4:6035283	SSF x LoA	-9,10598012	0,043	0,293
CHR4	6052004	CHR4:6052004	SSF x LoA	-9,72433571	0,090	0,296
CHR4	6077389	CHR4:6077389	SSF x LoA	-9,94866594	-0,053	0,307
CHR4	6077415	CHR4:6077415	SSF x LoA	-7,39428877	0,005	0,318
CHR4	6077446	CHR4:6077446	SSF x LoA	-9,18226567	0,018	0,302
CHR4	6077485	CHR4:6077485	SSF x LoA	-7,91192325	-0,009	0,305
CHR4	6078977	CHR4:6078977	SSF x LoA	-8,09056986	-0,050	0,308
CHR4	6078990	CHR4:6078990	SSF x LoA	-8,3492473	-0,083	0,310
CHR4	6079007	CHR4:6079007	SSF x LoA	-9,30630025	-0,084	0,318
CHR4	6079013	CHR4:6079013	SSF x LoA	-11,9184702	0,094	0,295
CHR4	6090956	CHR4:6090956	SSF x LoA	-11,1415944	-0,062	0,302
CHR4	6091055	CHR4:6091055	SSF x LoA	-4,11160182	0,048	0,299
CHR4	6095579	CHR4:6095579	SSF x LoA	-9,16276922	-0,096	0,314
CHR4	6095593	CHR4:6095593	SSF x LoA	-9,57056614	-0,120	0,307
CHR4	6095636	CHR4:6095636	SSF x LoA	-9,86709285	0,090	0,308
CHR4	6095782	CHR4:6095782	SSF x LoA	-7,68983799	0,151	0,302
CHR4	6095784	CHR4:6095784	SSF x LoA	-11,3966167	-0,006	0,315
CHR4	6099458	CHR4:6099458	SSF x LoA	-8,46362003	-0,084	0,298
CHR4	6099460	CHR4:6099460	SSF x LoA	-6,44620145	-0,091	0,308
CHR4	6099467	CHR4:6099467	SSF x LoA	-7,34270098	-0,103	0,305
CHR4	6101904	CHR4:6101904	SSF x LoA	-10,0926044	0,049	0,299
CHR4	6105654	CHR4:6105654	SSF x LoA	-9,95036817	-0,043	0,325
CHR4	6105685	CHR4:6105685	SSF x LoA	-9,79493109	-0,040	0,307
CHR4	6105765	CHR4:6105765	SSF x LoA	-10,0312121	0,062	0,312
CHR4	6105769	CHR4:6105769	SSF x LoA	-9,46368687	-0,039	0,302

CHR4	6105818	CHR4:6105818	SSF x LoA	-10,1221966	-0,074	0,306
CHR4	6105836	CHR4:6105836	SSF x LoA	-8,82580513	0,070	0,298
CHR4	6105850	CHR4:6105850	SSF x LoA	-8,94343853	-0,016	0,311
CHR4	6105857	CHR4:6105857	SSF x LoA	-8,28387558	-0,037	0,313
CHR4	6105888	CHR4:6105888	SSF x LoA	-9,96220735	-0,074	0,323
CHR4	6115207	CHR4:6115207	SSF x LoA	-11,0983384	-0,009	0,295
CHR4	6115209	CHR4:6115209	SSF x LoA	-11,8399659	-0,022	0,289
CHR4	6115210	CHR4:6115210	SSF x LoA	-8,50356218	-0,033	0,308
CHR4	6133359	CHR4:6133359	SSF x LoA	-10,2462338	0,118	0,302
CHR4	6133368	CHR4:6133368	SSF x LoA	-9,8358258	0,042	0,302
CHR4	6133695	CHR4:6133695	SSF x LoA	-12,057749	0,015	0,307
CHR4	6145586	CHR4:6145586	SSF x LoA	-8,82323873	-0,046	0,306
CHR4	6145592	CHR4:6145592	SSF x LoA	-7,93788011	-0,070	0,300
CHR4	6145599	CHR4:6145599	SSF x LoA	-10,8301551	-0,004	0,302
CHR4	6145605	CHR4:6145605	SSF x LoA	-7,87791516	-0,026	0,305
CHR4	6145607	CHR4:6145607	SSF x LoA	-9,47676206	-0,062	0,282
CHR4	6145608	CHR4:6145608	SSF x LoA	-7,17665936	-0,044	0,297
CHR4	6145661	CHR4:6145661	SSF x LoA	-8,23269062	-0,020	0,311
CHR4	6145666	CHR4:6145666	SSF x LoA	-9,10761451	-0,028	0,314
CHR4	6145700	CHR4:6145700	SSF x LoA	-11,3279924	-0,005	0,310
CHR4	6145722	CHR4:6145722	SSF x LoA	-10,8777505	-0,081	0,304
CHR4	6173398	CHR4:6173398	SSF x LoA	-8,8747226	0,089	0,311
CHR4	6173460	CHR4:6173460	SSF x LoA	-9,30731472	-0,073	0,300
CHR4	6209158	CHR4:6209158	SSF x LoA	-10,5395669	-0,012	0,298
CHR4	6209172	CHR4:6209172	SSF x LoA	-9,81220518	-0,053	0,307
CHR4	6209318	CHR4:6209318	SSF x LoA	-11,3262941	-0,048	0,311
CHR4	6209343	CHR4:6209343	SSF x LoA	-9,27075823	-0,007	0,307
CHR4	6215436	CHR4:6215436	SSF x LoA	3,46806598	0,032	0,301
CHR4	6215479	CHR4:6215479	SSF x LoA	-7,36094313	0,131	0,309
CHR4	6215573	CHR4:6215573	SSF x LoA	-9,56622094	-0,019	0,306
CHR4	6215616	CHR4:6215616	SSF x LoA	-7,99821891	-0,110	0,302
CHR4	6215667	CHR4:6215667	SSF x LoA	-9,55960962	0,047	0,321
CHR4	6215672	CHR4:6215672	SSF x LoA	-10,1120408	0,062	0,299
CHR4	6217573	CHR4:6217573	SSF x LoA	-11,37066	-0,014	0,304
CHR4	6217656	CHR4:6217656	SSF x LoA	-9,44421433	-0,087	0,307
CHR4	6217702	CHR4:6217702	SSF x LoA	-10,5377312	-0,038	0,306
CHR4	6223364	CHR4:6223364	SSF x LoA	-10,4543734	-0,081	0,303
CHR4	6223385	CHR4:6223385	SSF x LoA	-9,28568267	-0,060	0,314
CHR4	6223401	CHR4:6223401	SSF x LoA	-8,30902465	-0,062	0,309
CHR4	6223508	CHR4:6223508	SSF x LoA	-11,6128735	-0,024	0,310
CHR4	6226818	CHR4:6226818	SSF x LoA	-9,37312849	0,085	0,303
CHR4	6235342	CHR4:6235342	SSF x LoA	-8,88441899	-0,055	0,311
CHR4	6238398	CHR4:6238398	SSF x LoA	-9,69102062	0,077	0,318
CHR4	6238506	CHR4:6238506	SSF x LoA	-1,65173149	-0,004	0,306
CHR4	6238527	CHR4:6238527	SSF x LoA	-8,88052604	-0,065	0,314
CHR4	6242704	CHR4:6242704	SSF x LoA	-6,35938085	0,179	0,297
CHR4	6242756	CHR4:6242756	SSF x LoA	-7,80729215	-0,075	0,302
CHR4	6242757	CHR4:6242757	SSF x LoA	-4,14796313	0,167	0,302
CHR4	6242780	CHR4:6242780	SSF x LoA	-5,57798136	0,179	0,293
CHR4	6243805	CHR4:6243805	SSF x LoA	-8,32498502	0,111	0,305
CHR4	6243902	CHR4:6243902	SSF x LoA	-6,54727102	-0,066	0,311
CHR4	6243912	CHR4:6243912	SSF x LoA	-9,44327845	0,036	0,303
CHR4	6249062	CHR4:6249062	SSF x LoA	-6,16726243	-0,163	0,301

CHR4	6252316	CHR4:6252316	SSF x LoA	-6,87932883	0,069	0,305
CHR4	6252447	CHR4:6252447	SSF x LoA	-11,0124037	0,066	0,295
CHR4	6252492	CHR4:6252492	SSF x LoA	-7,13817783	-0,173	0,307
CHR4	6252535	CHR4:6252535	SSF x LoA	-8,51801002	0,002	0,297
CHR4	6252563	CHR4:6252563	SSF x LoA	-7,9644462	0,100	0,308
CHR4	6255773	CHR4:6255773	SSF x LoA	-8,00352873	-0,075	0,305
CHR4	6255792	CHR4:6255792	SSF x LoA	-11,08849	0,052	0,310
CHR4	6265035	CHR4:6265035	SSF x LoA	-7,43537925	0,128	0,311
CHR4	6265110	CHR4:6265110	SSF x LoA	-10,0637651	0,024	0,302
CHR4	6265293	CHR4:6265293	SSF x LoA	-9,77666427	0,045	0,290
CHR4	6279737	CHR4:6279737	SSF x LoA	-9,43429832	0,070	0,302
CHR4	6279748	CHR4:6279748	SSF x LoA	-9,95061922	-0,090	0,322
CHR4	6279772	CHR4:6279772	SSF x LoA	-6,25234728	-0,157	0,315
CHR4	6279837	CHR4:6279837	SSF x LoA	-3,78068385	0,074	0,317
CHR4	6281471	CHR4:6281471	SSF x LoA	-8,95149608	-0,182	0,315
CHR4	6281718	CHR4:6281718	SSF x LoA	-11,1418132	-0,079	0,302
CHR4	6285560	CHR4:6285560	SSF x LoA	-6,90714869	0,057	0,311
CHR4	6285627	CHR4:6285627	SSF x LoA	-9,6851527	-0,097	0,310
CHR4	6286702	CHR4:6286702	SSF x LoA	-9,031289	-0,055	0,301
CHR4	6286724	CHR4:6286724	SSF x LoA	-4,17349877	0,026	0,299
CHR4	6289166	CHR4:6289166	SSF x LoA	-10,7044087	-0,049	0,301
CHR4	6294466	CHR4:6294466	SSF x LoA	-9,16111025	-0,053	0,311
CHR4	6294472	CHR4:6294472	SSF x LoA	-11,2366527	0,007	0,313
CHR4	6294492	CHR4:6294492	SSF x LoA	-10,8103579	0,055	0,298
CHR4	6301155	CHR4:6301155	SSF x LoA	-7,64058502	-0,144	0,293
CHR4	6301159	CHR4:6301159	SSF x LoA	-9,08339398	0,115	0,305
CHR4	6302542	CHR4:6302542	SSF x LoA	-9,19934552	-0,005	0,315
CHR4	6302568	CHR4:6302568	SSF x LoA	-9,52376778	0,002	0,312
CHR4	6302784	CHR4:6302784	SSF x LoA	-8,40268175	0,112	0,293
CHR4	6311943	CHR4:6311943	SSF x LoA	-5,92009802	0,095	0,297
CHR4	6314884	CHR4:6314884	SSF x LoA	-8,89036619	0,141	0,297
CHR4	6314978	CHR4:6314978	SSF x LoA	-8,54332721	-0,083	0,295
CHR4	6315082	CHR4:6315082	SSF x LoA	-8,9784783	0,074	0,306
CHR4	6315100	CHR4:6315100	SSF x LoA	-9,20499737	0,087	0,306
CHR4	6336866	CHR4:6336866	SSF x LoA	-10,3739077	-0,010	0,311
CHR4	6336927	CHR4:6336927	SSF x LoA	-9,17769103	-0,063	0,310
CHR4	6336983	CHR4:6336983	SSF x LoA	-10,6708683	-0,050	0,302
CHR4	6336999	CHR4:6336999	SSF x LoA	-8,21181086	0,003	0,316
CHR4	6338834	CHR4:6338834	SSF x LoA	-7,56956175	-0,106	0,307
CHR4	6345289	CHR4:6345289	SSF x LoA	-10,6353506	0,008	0,309
CHR4	6345498	CHR4:6345498	SSF x LoA	-6,92979004	0,113	0,315
CHR4	6345566	CHR4:6345566	SSF x LoA	-11,0309397	-0,093	0,305
CHR4	6345569	CHR4:6345569	SSF x LoA	-7,25355079	-0,124	0,319
CHR4	6346923	CHR4:6346923	SSF x LoA	-8,21213096	-0,081	0,318
CHR4	6346959	CHR4:6346959	SSF x LoA	-9,54073433	0,014	0,335
CHR4	6351345	CHR4:6351345	SSF x LoA	-9,57649389	0,104	0,308
CHR4	6351379	CHR4:6351379	SSF x LoA	-10,0777144	-0,029	0,304
CHR4	6351406	CHR4:6351406	SSF x LoA	-7,30305954	0,105	0,301
CHR4	6351407	CHR4:6351407	SSF x LoA	-6,23503959	0,119	0,305
CHR4	6351426	CHR4:6351426	SSF x LoA	-9,75011807	-0,037	0,309
CHR4	6351441	CHR4:6351441	SSF x LoA	-9,70495631	0,042	0,307
CHR4	6351456	CHR4:6351456	SSF x LoA	-8,15736795	-0,058	0,314
CHR4	6351466	CHR4:6351466	SSF x LoA	-10,7302656	-0,046	0,303

CHR4	6351668	CHR4:6351668	SSF x LoA	-8,64541845	0,038	0,305
CHR4	6357335	CHR4:6357335	SSF x LoA	-8,61341559	-0,050	0,303
CHR4	6357360	CHR4:6357360	SSF x LoA	-3,42716854	0,143	0,316
CHR4	6357651	CHR4:6357651	SSF x LoA	-10,8817621	0,036	0,308
CHR4	6357654	CHR4:6357654	SSF x LoA	-10,4106225	-0,010	0,308
CHR4	6364443	CHR4:6364443	SSF x LoA	-9,55667994	-0,052	0,312
CHR4	6364445	CHR4:6364445	SSF x LoA	-9,37916536	-0,003	0,316
CHR4	6364470	CHR4:6364470	SSF x LoA	-10,1627524	-0,027	0,327
CHR4	6364490	CHR4:6364490	SSF x LoA	-7,96841101	-0,093	0,311
CHR4	6364528	CHR4:6364528	SSF x LoA	-7,83324772	0,082	0,321
CHR4	6364580	CHR4:6364580	SSF x LoA	-6,99278704	-0,115	0,301
CHR4	6364625	CHR4:6364625	SSF x LoA	-8,29415111	-0,095	0,304
CHR4	6364672	CHR4:6364672	SSF x LoA	-9,41958921	-0,018	0,312
CHR4	6369093	CHR4:6369093	SSF x LoA	-10,3091648	-0,065	0,310
CHR4	6369104	CHR4:6369104	SSF x LoA	-10,1873493	0,111	0,313
CHR4	6369110	CHR4:6369110	SSF x LoA	-10,8868231	0,084	0,309
CHR4	6369204	CHR4:6369204	SSF x LoA	-11,4652106	0,037	0,320
CHR4	6379672	CHR4:6379672	SSF x LoA	-10,8350132	-0,007	0,297
CHR4	6379906	CHR4:6379906	SSF x LoA	-10,2998222	-0,027	0,304
CHR4	6388955	CHR4:6388955	SSF x LoA	-11,2342492	0,061	0,299
CHR4	6420201	CHR4:6420201	SSF x LoA	-10,5324419	-0,079	0,310
CHR4	6440318	CHR4:6440318	SSF x LoA	-8,70600303	0,047	0,300
CHR4	6440410	CHR4:6440410	SSF x LoA	-10,6069342	-0,012	0,304
CHR4	6440487	CHR4:6440487	SSF x LoA	-10,5363633	-0,001	0,307
CHR4	6442005	CHR4:6442005	SSF x LoA	-8,25526169	0,049	0,295
CHR4	64467	CHR4:64467	SSF x LoA	-10,2264693	-0,007	0,315
CHR4	64475	CHR4:64475	SSF x LoA	-11,6996518	-0,078	0,308
CHR4	6449759	CHR4:6449759	SSF x LoA	-9,96923373	0,064	0,302
CHR4	6449798	CHR4:6449798	SSF x LoA	-5,86996022	0,076	0,315
CHR4	6449807	CHR4:6449807	SSF x LoA	-8,52604212	-0,094	0,312
CHR4	6449830	CHR4:6449830	SSF x LoA	-7,70573242	-0,129	0,303
CHR4	6450074	CHR4:6450074	SSF x LoA	-11,5919233	0,021	0,297
CHR4	645328	CHR4:645328	SSF x LoA	-9,81522476	0,029	0,305
CHR4	645403	CHR4:645403	SSF x LoA	-9,09641757	0,002	0,307
CHR4	6458149	CHR4:6458149	SSF x LoA	-11,8307126	-0,013	0,300
CHR4	6458170	CHR4:6458170	SSF x LoA	-9,98223189	0,002	0,310
CHR4	6458175	CHR4:6458175	SSF x LoA	-9,05686647	0,033	0,319
CHR4	6474860	CHR4:6474860	SSF x LoA	-11,0314325	-0,002	0,298
CHR4	6477606	CHR4:6477606	SSF x LoA	-11,1346221	0,055	0,309
CHR4	6477734	CHR4:6477734	SSF x LoA	-10,3502284	0,077	0,303
CHR4	6477737	CHR4:6477737	SSF x LoA	-11,2513738	0,074	0,304
CHR4	6479093	CHR4:6479093	SSF x LoA	-4,08117133	0,200	0,293
CHR4	6483421	CHR4:6483421	SSF x LoA	-6,45091457	0,140	0,310
CHR4	6483480	CHR4:6483480	SSF x LoA	-10,0190456	0,117	0,303
CHR4	6483524	CHR4:6483524	SSF x LoA	-7,33769256	0,089	0,310
CHR4	6487129	CHR4:6487129	SSF x LoA	-6,71716405	0,038	0,303
CHR4	6487227	CHR4:6487227	SSF x LoA	-9,22744977	-0,028	0,308
CHR4	6487252	CHR4:6487252	SSF x LoA	-8,6244601	0,103	0,310
CHR4	6490480	CHR4:6490480	SSF x LoA	-9,81782375	-0,089	0,300
CHR4	6490487	CHR4:6490487	SSF x LoA	-0,82397089	-0,148	0,304
CHR4	6490497	CHR4:6490497	SSF x LoA	-10,3300404	-0,035	0,309
CHR4	6495101	CHR4:6495101	SSF x LoA	-8,06344377	-0,100	0,304
CHR4	6495190	CHR4:6495190	SSF x LoA	-8,39769524	-0,027	0,309

CHR4	6495225	CHR4:6495225	SSF x LoA	-9,27588019	0,005	0,315
CHR4	6503011	CHR4:6503011	SSF x LoA	-6,68197117	0,196	0,291
CHR4	6508781	CHR4:6508781	SSF x LoA	-5,31291189	-0,189	0,294
CHR4	6508940	CHR4:6508940	SSF x LoA	-9,1587212	-0,058	0,302
CHR4	6516484	CHR4:6516484	SSF x LoA	-10,3085892	-0,030	0,308
CHR4	6516521	CHR4:6516521	SSF x LoA	-8,58190338	-0,068	0,305
CHR4	6516537	CHR4:6516537	SSF x LoA	-10,958563	0,076	0,301
CHR4	6516630	CHR4:6516630	SSF x LoA	-8,34667531	0,094	0,303
CHR4	6537451	CHR4:6537451	SSF x LoA	-8,34429897	0,086	0,306
CHR4	6537473	CHR4:6537473	SSF x LoA	-10,1309999	-0,006	0,311
CHR4	6537479	CHR4:6537479	SSF x LoA	-11,0411719	0,056	0,306
CHR4	6537525	CHR4:6537525	SSF x LoA	-10,7385035	0,075	0,304
CHR4	6537547	CHR4:6537547	SSF x LoA	-9,72306998	-0,012	0,309
CHR4	6537553	CHR4:6537553	SSF x LoA	-12,1448447	-0,016	0,304
CHR4	6537566	CHR4:6537566	SSF x LoA	-9,21571422	0,002	0,312
CHR4	6537594	CHR4:6537594	SSF x LoA	-11,1279913	0,043	0,308
CHR4	6537708	CHR4:6537708	SSF x LoA	-8,29877601	-0,066	0,294
CHR4	6544047	CHR4:6544047	SSF x LoA	-9,47107316	0,148	0,280
CHR4	6544066	CHR4:6544066	SSF x LoA	-11,174168	-0,040	0,314
CHR4	6544070	CHR4:6544070	SSF x LoA	-6,51400782	0,149	0,310
CHR4	6544095	CHR4:6544095	SSF x LoA	-10,3816993	-0,097	0,301
CHR4	6544097	CHR4:6544097	SSF x LoA	-7,88009212	-0,062	0,297
CHR4	6544104	CHR4:6544104	SSF x LoA	-9,82912416	0,025	0,293
CHR4	6544189	CHR4:6544189	SSF x LoA	-9,17949242	0,147	0,302
CHR4	6544215	CHR4:6544215	SSF x LoA	-10,0517068	-0,066	0,300
CHR4	6560733	CHR4:6560733	SSF x LoA	-9,21556561	0,071	0,301
CHR4	6565172	CHR4:6565172	SSF x LoA	-9,8936574	-0,073	0,309
CHR4	6565205	CHR4:6565205	SSF x LoA	-9,89199155	0,042	0,324
CHR4	6565208	CHR4:6565208	SSF x LoA	-10,0857576	0,060	0,317
CHR4	657405	CHR4:657405	SSF x LoA	-10,5843046	0,057	0,303
CHR4	657408	CHR4:657408	SSF x LoA	-11,7301398	0,013	0,297
CHR4	6577314	CHR4:6577314	SSF x LoA	-7,93876675	-0,090	0,306
CHR4	6577334	CHR4:6577334	SSF x LoA	-10,5807581	0,056	0,297
CHR4	6579862	CHR4:6579862	SSF x LoA	-10,232028	0,110	0,295
CHR4	6579957	CHR4:6579957	SSF x LoA	-7,92570292	0,008	0,293
CHR4	6582862	CHR4:6582862	SSF x LoA	-7,97806128	0,109	0,301
CHR4	6583145	CHR4:6583145	SSF x LoA	-8,14184274	0,145	0,304
CHR4	6602445	CHR4:6602445	SSF x LoA	-10,0347177	0,120	0,303
CHR4	6608856	CHR4:6608856	SSF x LoA	-6,89091585	0,110	0,311
CHR4	6608866	CHR4:6608866	SSF x LoA	-8,45473925	-0,080	0,305
CHR4	6608893	CHR4:6608893	SSF x LoA	-9,88850112	-0,029	0,293
CHR4	6608902	CHR4:6608902	SSF x LoA	-8,87334305	-0,085	0,289
CHR4	6609028	CHR4:6609028	SSF x LoA	-5,49072362	-0,120	0,309
CHR4	6609030	CHR4:6609030	SSF x LoA	-9,71764899	-0,029	0,303
CHR4	6613789	CHR4:6613789	SSF x LoA	-9,59888842	-0,067	0,306
CHR4	6613843	CHR4:6613843	SSF x LoA	-8,85281347	0,002	0,288
CHR4	6613850	CHR4:6613850	SSF x LoA	-11,8886405	0,039	0,311
CHR4	6620799	CHR4:6620799	SSF x LoA	-11,5438997	-0,075	0,310
CHR4	6620902	CHR4:6620902	SSF x LoA	-11,1672156	-0,073	0,300
CHR4	6620909	CHR4:6620909	SSF x LoA	-9,9513961	-0,134	0,311
CHR4	6620911	CHR4:6620911	SSF x LoA	-10,6463204	-0,023	0,283
CHR4	6620960	CHR4:6620960	SSF x LoA	-9,72295526	-0,100	0,310
CHR4	6620975	CHR4:6620975	SSF x LoA	-0,69283808	-0,059	0,307

CHR4	6620981	CHR4:6620981	SSF x LoA	-5,64878911	-0,051	0,319
CHR4	6620982	CHR4:6620982	SSF x LoA	-7,80424447	-0,073	0,305
CHR4	6640605	CHR4:6640605	SSF x LoA	-8,84757159	0,057	0,314
CHR4	6640653	CHR4:6640653	SSF x LoA	-7,94080596	0,113	0,313
CHR4	664492	CHR4:664492	SSF x LoA	-8,5379927	0,092	0,302
CHR4	6658299	CHR4:6658299	SSF x LoA	-11,299641	0,005	0,310
CHR4	6658301	CHR4:6658301	SSF x LoA	-7,33976726	-0,114	0,306
CHR4	6658491	CHR4:6658491	SSF x LoA	-5,59513018	0,136	0,303
CHR4	6658512	CHR4:6658512	SSF x LoA	-8,84927351	-0,118	0,295
CHR4	6661161	CHR4:6661161	SSF x LoA	-9,80340469	0,017	0,310
CHR4	6661163	CHR4:6661163	SSF x LoA	-8,15147183	0,022	0,308
CHR4	6661228	CHR4:6661228	SSF x LoA	-5,1128212	0,152	0,300
CHR4	6661240	CHR4:6661240	SSF x LoA	-7,50811108	0,042	0,297
CHR4	6669162	CHR4:6669162	SSF x LoA	-6,502238	-0,010	0,300
CHR4	6669223	CHR4:6669223	SSF x LoA	-11,2189267	-0,049	0,300
CHR4	6669237	CHR4:6669237	SSF x LoA	-8,78045361	0,072	0,316
CHR4	6669265	CHR4:6669265	SSF x LoA	-12,041829	-0,039	0,300
CHR4	6671195	CHR4:6671195	SSF x LoA	-11,1447735	-0,089	0,318
CHR4	6671210	CHR4:6671210	SSF x LoA	-11,1177115	-0,013	0,307
CHR4	6671239	CHR4:6671239	SSF x LoA	-8,52809813	0,112	0,304
CHR4	6671279	CHR4:6671279	SSF x LoA	-10,7549776	0,051	0,301
CHR4	6671444	CHR4:6671444	SSF x LoA	-9,67448578	0,023	0,301
CHR4	6671455	CHR4:6671455	SSF x LoA	-6,58308713	0,037	0,292
CHR4	6671479	CHR4:6671479	SSF x LoA	-6,2383841	0,006	0,304
CHR4	6671483	CHR4:6671483	SSF x LoA	-7,41865485	-0,032	0,315
CHR4	6671487	CHR4:6671487	SSF x LoA	-8,33328894	-0,005	0,321
CHR4	6671489	CHR4:6671489	SSF x LoA	-8,18156496	-0,024	0,323
CHR4	6680926	CHR4:6680926	SSF x LoA	-8,42935184	0,154	0,303
CHR4	6680927	CHR4:6680927	SSF x LoA	2,65992637	0,230	0,300
CHR4	6680931	CHR4:6680931	SSF x LoA	0,75035695	-0,271	0,298
CHR4	6680992	CHR4:6680992	SSF x LoA	-5,57749241	-0,249	0,291
CHR4	6686661	CHR4:6686661	SSF x LoA	-7,55021502	-0,034	0,308
CHR4	6686783	CHR4:6686783	SSF x LoA	-8,87388745	-0,054	0,303
CHR4	6690909	CHR4:6690909	SSF x LoA	-11,5888134	-0,058	0,295
CHR4	6691001	CHR4:6691001	SSF x LoA	-9,47454141	-0,052	0,313
CHR4	6694152	CHR4:6694152	SSF x LoA	-3,57061987	-0,008	0,324
CHR4	671021	CHR4:671021	SSF x LoA	-10,1425935	0,012	0,303
CHR4	6711902	CHR4:6711902	SSF x LoA	-8,0472324	-0,114	0,306
CHR4	6711934	CHR4:6711934	SSF x LoA	-10,1132704	-0,068	0,315
CHR4	6712011	CHR4:6712011	SSF x LoA	-10,4954277	-0,046	0,308
CHR4	6735568	CHR4:6735568	SSF x LoA	-8,48076135	-0,016	0,305
CHR4	6735583	CHR4:6735583	SSF x LoA	-8,7293923	-0,068	0,317
CHR4	6735621	CHR4:6735621	SSF x LoA	-9,20344069	-0,020	0,317
CHR4	6735657	CHR4:6735657	SSF x LoA	-9,12133085	0,070	0,312
CHR4	6748987	CHR4:6748987	SSF x LoA	-9,01730241	-0,064	0,317
CHR4	6749011	CHR4:6749011	SSF x LoA	-10,4398511	-0,053	0,306
CHR4	6749062	CHR4:6749062	SSF x LoA	-10,5049782	0,146	0,296
CHR4	675089	CHR4:675089	SSF x LoA	-8,95604999	0,073	0,311
CHR4	675166	CHR4:675166	SSF x LoA	-8,25765677	0,004	0,307
CHR4	675184	CHR4:675184	SSF x LoA	-4,7016272	-0,026	0,312
CHR4	6752365	CHR4:6752365	SSF x LoA	-11,7504472	0,014	0,297
CHR4	6756671	CHR4:6756671	SSF x LoA	-8,76297594	-0,040	0,314
CHR4	6756699	CHR4:6756699	SSF x LoA	-8,30431397	-0,080	0,323

CHR4	6762352	CHR4:6762352	SSF x LoA	-9,35958502	-0,059	0,290
CHR4	6762388	CHR4:6762388	SSF x LoA	-8,36499505	0,032	0,309
CHR4	6762389	CHR4:6762389	SSF x LoA	-8,46692478	0,042	0,305
CHR4	6762507	CHR4:6762507	SSF x LoA	-9,50930495	0,007	0,285
CHR4	6762604	CHR4:6762604	SSF x LoA	-9,67621055	-0,001	0,321
CHR4	6778141	CHR4:6778141	SSF x LoA	-9,26124994	0,067	0,314
CHR4	6778149	CHR4:6778149	SSF x LoA	-7,73560499	0,054	0,297
CHR4	6778180	CHR4:6778180	SSF x LoA	-8,31999677	-0,002	0,309
CHR4	6785462	CHR4:6785462	SSF x LoA	-10,1969285	0,009	0,297
CHR4	6785507	CHR4:6785507	SSF x LoA	-7,62484444	-0,088	0,300
CHR4	6785600	CHR4:6785600	SSF x LoA	-11,7256434	0,028	0,301
CHR4	6785640	CHR4:6785640	SSF x LoA	-9,39446165	0,130	0,312
CHR4	6785645	CHR4:6785645	SSF x LoA	-9,62692249	0,150	0,308
CHR4	6793020	CHR4:6793020	SSF x LoA	-8,20454759	-0,027	0,304
CHR4	6796345	CHR4:6796345	SSF x LoA	-11,9055005	0,044	0,297
CHR4	6797771	CHR4:6797771	SSF x LoA	-10,6696062	-0,062	0,303
CHR4	6797924	CHR4:6797924	SSF x LoA	-7,95684569	0,058	0,298
CHR4	6813248	CHR4:6813248	SSF x LoA	-10,2189057	0,042	0,301
CHR4	6822512	CHR4:6822512	SSF x LoA	-8,73511767	-0,108	0,302
CHR4	6822631	CHR4:6822631	SSF x LoA	-11,312636	-0,005	0,299
CHR4	6822686	CHR4:6822686	SSF x LoA	-10,1919086	0,073	0,314
CHR4	6824047	CHR4:6824047	SSF x LoA	-8,22606978	-0,134	0,294
CHR4	682932	CHR4:682932	SSF x LoA	-8,41817008	0,030	0,308
CHR4	682947	CHR4:682947	SSF x LoA	-9,82624076	-0,029	0,307
CHR4	683108	CHR4:683108	SSF x LoA	-9,64136511	0,047	0,304
CHR4	6831270	CHR4:6831270	SSF x LoA	-9,75241467	0,049	0,318
CHR4	6831305	CHR4:6831305	SSF x LoA	-9,88573912	0,039	0,313
CHR4	6831426	CHR4:6831426	SSF x LoA	-11,1532115	0,065	0,291
CHR4	6831537	CHR4:6831537	SSF x LoA	-10,2976877	-0,029	0,310
CHR4	6834051	CHR4:6834051	SSF x LoA	-10,9909059	0,011	0,321
CHR4	6834079	CHR4:6834079	SSF x LoA	-8,76158246	-0,011	0,318
CHR4	6834117	CHR4:6834117	SSF x LoA	-6,16340843	0,115	0,308
CHR4	6840632	CHR4:6840632	SSF x LoA	-11,0057431	0,004	0,303
CHR4	6840633	CHR4:6840633	SSF x LoA	-2,55085908	0,276	0,297
CHR4	6843251	CHR4:6843251	SSF x LoA	-9,41538687	-0,093	0,298
CHR4	6845934	CHR4:6845934	SSF x LoA	-9,51441149	0,045	0,311
CHR4	6845955	CHR4:6845955	SSF x LoA	-11,7822306	0,015	0,312
CHR4	6845958	CHR4:6845958	SSF x LoA	-6,14876748	0,064	0,310
CHR4	6845999	CHR4:6845999	SSF x LoA	-11,2730662	0,000	0,308
CHR4	6846054	CHR4:6846054	SSF x LoA	-9,3700936	0,002	0,299
CHR4	6846117	CHR4:6846117	SSF x LoA	-10,5348524	-0,089	0,284
CHR4	6846160	CHR4:6846160	SSF x LoA	-6,84706097	-0,114	0,296
CHR4	6854194	CHR4:6854194	SSF x LoA	-11,1027823	0,017	0,289
CHR4	6854262	CHR4:6854262	SSF x LoA	-10,6010483	0,087	0,287
CHR4	6854395	CHR4:6854395	SSF x LoA	-7,26438723	-0,128	0,295
CHR4	6876184	CHR4:6876184	SSF x LoA	-8,30651826	-0,070	0,296
CHR4	6886053	CHR4:6886053	SSF x LoA	-8,79664518	-0,090	0,300
CHR4	6886144	CHR4:6886144	SSF x LoA	-7,64359813	-0,085	0,299
CHR4	689638	CHR4:689638	SSF x LoA	-8,02947428	-0,083	0,301
CHR4	689660	CHR4:689660	SSF x LoA	-7,84818058	0,038	0,323
CHR4	689670	CHR4:689670	SSF x LoA	-7,18031142	-0,027	0,320
CHR4	689843	CHR4:689843	SSF x LoA	-9,76569026	-0,002	0,310
CHR4	689886	CHR4:689886	SSF x LoA	-9,749386	0,127	0,296

CHR4	6917967	CHR4:6917967	SSF x LoA	-5,65047795	0,104	0,310
CHR4	6929351	CHR4:6929351	SSF x LoA	-8,53256831	0,143	0,303
CHR4	6941199	CHR4:6941199	SSF x LoA	-8,95698231	-0,039	0,318
CHR4	6941371	CHR4:6941371	SSF x LoA	-10,1954169	-0,040	0,285
CHR4	6941399	CHR4:6941399	SSF x LoA	-9,07077824	-0,063	0,303
CHR4	6941420	CHR4:6941420	SSF x LoA	-9,73603911	0,082	0,302
CHR4	694556	CHR4:694556	SSF x LoA	-7,3648084	0,121	0,313
CHR4	6945962	CHR4:6945962	SSF x LoA	-8,61444152	0,087	0,297
CHR4	6945984	CHR4:6945984	SSF x LoA	-9,59722709	-0,006	0,309
CHR4	6946036	CHR4:6946036	SSF x LoA	-8,4610964	0,068	0,306
CHR4	6946048	CHR4:6946048	SSF x LoA	-8,82403346	0,027	0,318
CHR4	6946063	CHR4:6946063	SSF x LoA	2,94698733	-0,061	0,301
CHR4	6946067	CHR4:6946067	SSF x LoA	-11,2144015	-0,034	0,302
CHR4	6946069	CHR4:6946069	SSF x LoA	-7,98628571	-0,008	0,307
CHR4	6946105	CHR4:6946105	SSF x LoA	-9,52666441	-0,006	0,304
CHR4	6953007	CHR4:6953007	SSF x LoA	-11,097099	0,042	0,295
CHR4	6953099	CHR4:6953099	SSF x LoA	-10,193217	0,063	0,300
CHR4	6966555	CHR4:6966555	SSF x LoA	-9,64807323	-0,033	0,320
CHR4	6966638	CHR4:6966638	SSF x LoA	-8,62961758	-0,109	0,312
CHR4	6979958	CHR4:6979958	SSF x LoA	-9,59065846	-0,014	0,309
CHR4	6980004	CHR4:6980004	SSF x LoA	-7,33004164	-0,203	0,291
CHR4	6980011	CHR4:6980011	SSF x LoA	-7,9219182	0,039	0,313
CHR4	6980315	CHR4:6980315	SSF x LoA	-9,13062014	-0,175	0,299
CHR4	6980348	CHR4:6980348	SSF x LoA	-5,82076311	0,074	0,316
CHR4	6980371	CHR4:6980371	SSF x LoA	-5,1546497	-0,191	0,303
CHR4	6980423	CHR4:6980423	SSF x LoA	-10,1406235	0,125	0,306
CHR4	698398	CHR4:698398	SSF x LoA	-10,7977823	0,071	0,295
CHR4	6985065	CHR4:6985065	SSF x LoA	-10,8578959	-0,081	0,316
CHR4	698898	CHR4:698898	SSF x LoA	-10,4785355	-0,007	0,310
CHR4	6989182	CHR4:6989182	SSF x LoA	-4,00808659	0,097	0,297
CHR4	6989222	CHR4:6989222	SSF x LoA	-9,79730192	-0,016	0,296
CHR4	698923	CHR4:698923	SSF x LoA	-11,440989	0,024	0,308
CHR4	698931	CHR4:698931	SSF x LoA	-8,79807968	0,104	0,306
CHR4	698957	CHR4:698957	SSF x LoA	-10,4632721	0,068	0,304
CHR4	698968	CHR4:698968	SSF x LoA	-5,79954681	0,050	0,303
CHR4	6997525	CHR4:6997525	SSF x LoA	-7,92345394	-0,116	0,298
CHR4	6997764	CHR4:6997764	SSF x LoA	-9,66958929	0,089	0,296
CHR4	702018	CHR4:702018	SSF x LoA	-8,12929955	-0,008	0,317
CHR4	7021957	CHR4:7021957	SSF x LoA	-11,2731584	0,074	0,314
CHR4	7022165	CHR4:7022165	SSF x LoA	-9,56528388	-0,076	0,313
CHR4	7028403	CHR4:7028403	SSF x LoA	-6,1555949	-0,121	0,292
CHR4	7028534	CHR4:7028534	SSF x LoA	-10,446845	0,050	0,317
CHR4	7028549	CHR4:7028549	SSF x LoA	-8,41263464	0,071	0,313
CHR4	7028563	CHR4:7028563	SSF x LoA	-10,2432756	-0,021	0,314
CHR4	7028564	CHR4:7028564	SSF x LoA	-11,5238018	0,005	0,296
CHR4	7041424	CHR4:7041424	SSF x LoA	-9,5696507	-0,039	0,309
CHR4	7048398	CHR4:7048398	SSF x LoA	-7,31223763	-0,105	0,315
CHR4	7051536	CHR4:7051536	SSF x LoA	-6,92949217	0,119	0,308
CHR4	705354	CHR4:705354	SSF x LoA	-10,9864709	-0,018	0,302
CHR4	705367	CHR4:705367	SSF x LoA	-12,3352499	-0,011	0,292
CHR4	705453	CHR4:705453	SSF x LoA	-11,4209783	-0,002	0,304
CHR4	7064585	CHR4:7064585	SSF x LoA	-7,14322481	-0,119	0,306
CHR4	7069741	CHR4:7069741	SSF x LoA	-11,8508291	-0,040	0,299

CHR4	7071708	CHR4:7071708	SSF x LoA	-10,7681392	0,023	0,311
CHR4	7073884	CHR4:7073884	SSF x LoA	-9,76361025	-0,055	0,314
CHR4	7073893	CHR4:7073893	SSF x LoA	-10,2496537	0,042	0,297
CHR4	7073913	CHR4:7073913	SSF x LoA	-10,2515417	0,033	0,311
CHR4	7073920	CHR4:7073920	SSF x LoA	-9,87378327	0,080	0,318
CHR4	7073970	CHR4:7073970	SSF x LoA	-9,11380829	-0,040	0,316
CHR4	7073995	CHR4:7073995	SSF x LoA	-9,55496417	0,009	0,307
CHR4	7074033	CHR4:7074033	SSF x LoA	-10,2359852	-0,021	0,309
CHR4	7076373	CHR4:7076373	SSF x LoA	-3,73663331	-0,117	0,294
CHR4	7076403	CHR4:7076403	SSF x LoA	-6,77540142	0,142	0,290
CHR4	7078177	CHR4:7078177	SSF x LoA	-11,2843641	-0,067	0,305
CHR4	71016	CHR4:71016	SSF x LoA	-11,4096649	-0,056	0,310
CHR4	7106060	CHR4:7106060	SSF x LoA	-9,26396798	-0,092	0,306
CHR4	7106126	CHR4:7106126	SSF x LoA	-9,61231188	-0,016	0,304
CHR4	7106236	CHR4:7106236	SSF x LoA	-9,60329228	0,013	0,302
CHR4	7106255	CHR4:7106255	SSF x LoA	-6,28542897	-0,154	0,304
CHR4	7106260	CHR4:7106260	SSF x LoA	-7,22376209	0,138	0,300
CHR4	7106339	CHR4:7106339	SSF x LoA	-8,19996948	-0,037	0,310
CHR4	710768	CHR4:710768	SSF x LoA	-5,81109104	0,217	0,303
CHR4	7109641	CHR4:7109641	SSF x LoA	-8,45223084	-0,015	0,309
CHR4	7109711	CHR4:7109711	SSF x LoA	-8,24265639	0,136	0,309
CHR4	710976	CHR4:710976	SSF x LoA	-8,54678348	0,196	0,300
CHR4	7109900	CHR4:7109900	SSF x LoA	-9,68032318	-0,035	0,307
CHR4	711064	CHR4:711064	SSF x LoA	-6,96416216	0,134	0,296
CHR4	7126739	CHR4:7126739	SSF x LoA	-10,4132731	-0,071	0,315
CHR4	7126862	CHR4:7126862	SSF x LoA	-11,1708314	0,084	0,296
CHR4	7136615	CHR4:7136615	SSF x LoA	-7,26036559	-0,161	0,292
CHR4	7136826	CHR4:7136826	SSF x LoA	-6,47757252	-0,225	0,296
CHR4	7146193	CHR4:7146193	SSF x LoA	-7,45953425	-0,147	0,299
CHR4	7146320	CHR4:7146320	SSF x LoA	-10,62607	0,000	0,313
CHR4	7146355	CHR4:7146355	SSF x LoA	-11,3610021	-0,034	0,310
CHR4	7146426	CHR4:7146426	SSF x LoA	-10,5368767	0,026	0,298
CHR4	7146507	CHR4:7146507	SSF x LoA	-9,70947695	0,053	0,317
CHR4	7146526	CHR4:7146526	SSF x LoA	-3,92203379	-0,106	0,288
CHR4	7161225	CHR4:7161225	SSF x LoA	-11,9831496	-0,047	0,317
CHR4	7161226	CHR4:7161226	SSF x LoA	-8,78411629	-0,055	0,302
CHR4	7161242	CHR4:7161242	SSF x LoA	-7,47662375	-0,163	0,293
CHR4	7171173	CHR4:7171173	SSF x LoA	-2,61109188	0,010	0,315
CHR4	7171187	CHR4:7171187	SSF x LoA	-7,35307645	-0,157	0,311
CHR4	7171189	CHR4:7171189	SSF x LoA	-8,56053564	0,086	0,301
CHR4	7171196	CHR4:7171196	SSF x LoA	-8,21399578	0,069	0,314
CHR4	7171248	CHR4:7171248	SSF x LoA	-7,12273712	-0,099	0,296
CHR4	7178508	CHR4:7178508	SSF x LoA	-7,06013169	0,174	0,286
CHR4	7178544	CHR4:7178544	SSF x LoA	-9,60307766	-0,060	0,307
CHR4	7178664	CHR4:7178664	SSF x LoA	-9,01585948	0,072	0,312
CHR4	7178679	CHR4:7178679	SSF x LoA	-10,5693005	-0,025	0,307
CHR4	7178696	CHR4:7178696	SSF x LoA	-8,46827573	-0,057	0,308
CHR4	7178710	CHR4:7178710	SSF x LoA	-6,48826361	-0,005	0,321
CHR4	7178724	CHR4:7178724	SSF x LoA	-8,94420333	-0,025	0,320
CHR4	7200005	CHR4:7200005	SSF x LoA	-8,11395135	0,134	0,294
CHR4	7200007	CHR4:7200007	SSF x LoA	-9,35881804	0,012	0,310
CHR4	7200039	CHR4:7200039	SSF x LoA	-1,11409568	0,115	0,298
CHR4	7200044	CHR4:7200044	SSF x LoA	-11,4235971	-0,069	0,306

CHR4	7200094	CHR4:7200094	SSF x LoA	-6,06793585	0,167	0,308
CHR4	7200125	CHR4:7200125	SSF x LoA	-9,43656761	0,035	0,299
CHR4	7200154	CHR4:7200154	SSF x LoA	-11,1190919	0,025	0,303
CHR4	7200190	CHR4:7200190	SSF x LoA	-9,46525997	-0,132	0,296
CHR4	7200234	CHR4:7200234	SSF x LoA	-10,5213474	0,006	0,319
CHR4	7200237	CHR4:7200237	SSF x LoA	-10,3942339	-0,077	0,311
CHR4	7200268	CHR4:7200268	SSF x LoA	-8,84743666	-0,118	0,291
CHR4	7200272	CHR4:7200272	SSF x LoA	-7,88737615	-0,080	0,310
CHR4	7200286	CHR4:7200286	SSF x LoA	-8,33451839	-0,110	0,298
CHR4	7208197	CHR4:7208197	SSF x LoA	-9,82383211	0,107	0,304
CHR4	7208209	CHR4:7208209	SSF x LoA	-9,98579688	0,109	0,297
CHR4	7208217	CHR4:7208217	SSF x LoA	-5,96670314	0,116	0,304
CHR4	7208252	CHR4:7208252	SSF x LoA	-8,72671172	0,029	0,310
CHR4	7208295	CHR4:7208295	SSF x LoA	-9,51820944	-0,140	0,285
CHR4	7208344	CHR4:7208344	SSF x LoA	-9,10952482	-0,047	0,292
CHR4	7208357	CHR4:7208357	SSF x LoA	-6,94896761	-0,127	0,293
CHR4	7208441	CHR4:7208441	SSF x LoA	-9,01054963	0,079	0,310
CHR4	7219470	CHR4:7219470	SSF x LoA	-7,9348001	0,150	0,292
CHR4	7219493	CHR4:7219493	SSF x LoA	-11,202816	0,057	0,306
CHR4	7219495	CHR4:7219495	SSF x LoA	-10,50472	0,033	0,302
CHR4	7219514	CHR4:7219514	SSF x LoA	-11,9770432	0,036	0,297
CHR4	7219530	CHR4:7219530	SSF x LoA	-7,78654331	-0,128	0,299
CHR4	7219570	CHR4:7219570	SSF x LoA	-12,202889	-0,051	0,304
CHR4	7219584	CHR4:7219584	SSF x LoA	-7,05674103	0,141	0,291
CHR4	7219591	CHR4:7219591	SSF x LoA	-5,47448507	0,023	0,313
CHR4	7219612	CHR4:7219612	SSF x LoA	-8,55077015	-0,031	0,314
CHR4	7219626	CHR4:7219626	SSF x LoA	-7,64614013	0,152	0,320
CHR4	7219646	CHR4:7219646	SSF x LoA	-10,4400635	0,075	0,291
CHR4	7219668	CHR4:7219668	SSF x LoA	-6,30628639	0,195	0,284
CHR4	7225293	CHR4:7225293	SSF x LoA	-8,15148034	0,057	0,326
CHR4	7225383	CHR4:7225383	SSF x LoA	-8,67932553	0,080	0,301
CHR4	7225433	CHR4:7225433	SSF x LoA	-9,56882763	-0,060	0,305
CHR4	7225491	CHR4:7225491	SSF x LoA	-6,22562479	0,034	0,320
CHR4	7227390	CHR4:7227390	SSF x LoA	-8,00479803	0,170	0,304
CHR4	7227419	CHR4:7227419	SSF x LoA	-7,58849697	0,055	0,325
CHR4	7227473	CHR4:7227473	SSF x LoA	-9,6079769	0,053	0,315
CHR4	7227484	CHR4:7227484	SSF x LoA	-10,4615733	-0,080	0,304
CHR4	7227543	CHR4:7227543	SSF x LoA	-9,26220769	0,075	0,305
CHR4	7227557	CHR4:7227557	SSF x LoA	-8,41948441	0,093	0,306
CHR4	7227569	CHR4:7227569	SSF x LoA	-8,53046087	0,220	0,291
CHR4	7227587	CHR4:7227587	SSF x LoA	-9,55241194	-0,053	0,312
CHR4	7227610	CHR4:7227610	SSF x LoA	-9,58228432	0,071	0,303
CHR4	7236646	CHR4:7236646	SSF x LoA	-7,49630515	0,044	0,283
CHR4	7239662	CHR4:7239662	SSF x LoA	-10,1396226	-0,102	0,300
CHR4	7239669	CHR4:7239669	SSF x LoA	-7,71716519	0,110	0,304
CHR4	7239678	CHR4:7239678	SSF x LoA	-10,4724782	0,064	0,311
CHR4	7243929	CHR4:7243929	SSF x LoA	-8,41837067	0,083	0,308
CHR4	7243982	CHR4:7243982	SSF x LoA	-4,09523561	0,020	0,305
CHR4	7244000	CHR4:7244000	SSF x LoA	-8,23235908	0,026	0,319
CHR4	7244007	CHR4:7244007	SSF x LoA	-8,6286871	0,023	0,316
CHR4	7244033	CHR4:7244033	SSF x LoA	-10,2051448	0,061	0,317
CHR4	7244035	CHR4:7244035	SSF x LoA	-9,58695384	-0,101	0,313
CHR4	7247107	CHR4:7247107	SSF x LoA	-8,94779509	-0,064	0,302

CHR4	7247108	CHR4:7247108	SSF x LoA	-8,16252223	0,022	0,317
CHR4	7247140	CHR4:7247140	SSF x LoA	-6,16065957	0,067	0,316
CHR4	7247142	CHR4:7247142	SSF x LoA	-8,81780951	0,025	0,305
CHR4	7247181	CHR4:7247181	SSF x LoA	-8,43079466	0,110	0,306
CHR4	7247257	CHR4:7247257	SSF x LoA	-9,43301731	-0,014	0,294
CHR4	7247273	CHR4:7247273	SSF x LoA	-6,07264608	-0,078	0,300
CHR4	7251342	CHR4:7251342	SSF x LoA	-10,4372883	0,005	0,308
CHR4	7251349	CHR4:7251349	SSF x LoA	-7,01308784	0,110	0,306
CHR4	7251363	CHR4:7251363	SSF x LoA	-10,3870692	-0,100	0,294
CHR4	7252589	CHR4:7252589	SSF x LoA	-11,204896	0,126	0,296
CHR4	7254709	CHR4:7254709	SSF x LoA	-11,0930072	0,015	0,317
CHR4	7254717	CHR4:7254717	SSF x LoA	-9,51274741	0,062	0,299
CHR4	7254737	CHR4:7254737	SSF x LoA	-8,44581009	-0,006	0,316
CHR4	7254738	CHR4:7254738	SSF x LoA	-10,3871495	-0,011	0,309
CHR4	7254769	CHR4:7254769	SSF x LoA	-8,16005124	0,020	0,318
CHR4	7255068	CHR4:7255068	SSF x LoA	-10,5774252	0,040	0,314
CHR4	7268475	CHR4:7268475	SSF x LoA	-10,1196316	-0,017	0,284
CHR4	7268528	CHR4:7268528	SSF x LoA	-8,62787857	-0,078	0,287
CHR4	7268540	CHR4:7268540	SSF x LoA	-7,83742932	-0,108	0,296
CHR4	7268563	CHR4:7268563	SSF x LoA	-9,056832	0,169	0,280
CHR4	7285747	CHR4:7285747	SSF x LoA	-9,69729817	-0,072	0,300
CHR4	7285820	CHR4:7285820	SSF x LoA	-9,26054588	-0,040	0,295
CHR4	7288863	CHR4:7288863	SSF x LoA	-9,47023171	-0,063	0,305
CHR4	7289459	CHR4:7289459	SSF x LoA	-8,97472187	0,032	0,314
CHR4	7290845	CHR4:7290845	SSF x LoA	-9,6095199	0,022	0,307
CHR4	7290899	CHR4:7290899	SSF x LoA	-9,53365362	-0,081	0,311
CHR4	7291901	CHR4:7291901	SSF x LoA	-9,48644368	-0,019	0,300
CHR4	7291925	CHR4:7291925	SSF x LoA	-7,13204696	-0,202	0,288
CHR4	7293593	CHR4:7293593	SSF x LoA	-10,292865	0,112	0,305
CHR4	7294937	CHR4:7294937	SSF x LoA	-9,9450187	0,075	0,309
CHR4	7296234	CHR4:7296234	SSF x LoA	-7,88360409	0,057	0,288
CHR4	7296247	CHR4:7296247	SSF x LoA	-8,29244215	-0,079	0,299
CHR4	7296310	CHR4:7296310	SSF x LoA	-7,86666436	-0,006	0,326
CHR4	7296312	CHR4:7296312	SSF x LoA	-11,5229266	-0,020	0,306
CHR4	7297912	CHR4:7297912	SSF x LoA	-10,0529324	0,065	0,312
CHR4	7300700	CHR4:7300700	SSF x LoA	-8,00071555	-0,121	0,315
CHR4	7300734	CHR4:7300734	SSF x LoA	-6,44769977	-0,185	0,301
CHR4	7305614	CHR4:7305614	SSF x LoA	-10,0706965	-0,017	0,311
CHR4	7310006	CHR4:7310006	SSF x LoA	-8,77111514	0,023	0,308
CHR4	7310039	CHR4:7310039	SSF x LoA	-8,68233893	-0,001	0,315
CHR4	7312900	CHR4:7312900	SSF x LoA	-4,57535525	-0,113	0,305
CHR4	7312927	CHR4:7312927	SSF x LoA	-10,0576321	0,006	0,301
CHR4	7317944	CHR4:7317944	SSF x LoA	-10,9731947	-0,036	0,309
CHR4	7334041	CHR4:7334041	SSF x LoA	-9,22646779	0,149	0,287
CHR4	7343322	CHR4:7343322	SSF x LoA	-10,1544486	-0,064	0,309
CHR4	7354105	CHR4:7354105	SSF x LoA	-10,6550151	0,033	0,305
CHR4	7354509	CHR4:7354509	SSF x LoA	-8,70173514	0,080	0,311
CHR4	7357949	CHR4:7357949	SSF x LoA	-8,54789949	-0,108	0,284
CHR4	7358213	CHR4:7358213	SSF x LoA	-7,3682498	-0,212	0,305
CHR4	7365732	CHR4:7365732	SSF x LoA	-8,60811929	0,048	0,301
CHR4	7365775	CHR4:7365775	SSF x LoA	-9,10346376	0,037	0,326
CHR4	7365822	CHR4:7365822	SSF x LoA	-9,72638806	0,060	0,301
CHR4	7377886	CHR4:7377886	SSF x LoA	-9,54936223	0,023	0,304

CHR4	7377912	CHR4:7377912	SSF x LoA	-0,17143652	0,032	0,308
CHR4	7378053	CHR4:7378053	SSF x LoA	-9,31729203	-0,058	0,310
CHR4	73857	CHR4:73857	SSF x LoA	-10,9889871	0,084	0,305
CHR4	7401571	CHR4:7401571	SSF x LoA	-9,71729697	-0,066	0,313
CHR4	7401574	CHR4:7401574	SSF x LoA	-3,7565287	0,167	0,303
CHR4	7401578	CHR4:7401578	SSF x LoA	-9,69348388	-0,015	0,297
CHR4	7401623	CHR4:7401623	SSF x LoA	-9,98227171	0,052	0,292
CHR4	740985	CHR4:740985	SSF x LoA	-9,18965717	-0,038	0,302
CHR4	741029	CHR4:741029	SSF x LoA	-9,03567572	-0,068	0,315
CHR4	7411913	CHR4:7411913	SSF x LoA	-11,0021044	0,009	0,304
CHR4	7418602	CHR4:7418602	SSF x LoA	-12,1256956	-0,009	0,309
CHR4	7426122	CHR4:7426122	SSF x LoA	-10,6628998	0,058	0,306
CHR4	7445665	CHR4:7445665	SSF x LoA	-12,1249306	0,016	0,302
CHR4	7457444	CHR4:7457444	SSF x LoA	-11,4188343	-0,023	0,307
CHR4	7474960	CHR4:7474960	SSF x LoA	-7,33274258	0,033	0,309
CHR4	7486766	CHR4:7486766	SSF x LoA	-10,6873937	0,068	0,303
CHR4	7486767	CHR4:7486767	SSF x LoA	-10,0374271	0,062	0,317
CHR4	7486789	CHR4:7486789	SSF x LoA	-9,67466811	-0,008	0,313
CHR4	7486837	CHR4:7486837	SSF x LoA	-8,26380051	0,088	0,304
CHR4	7486887	CHR4:7486887	SSF x LoA	-9,74594832	0,046	0,320
CHR4	7489490	CHR4:7489490	SSF x LoA	-11,1170861	-0,092	0,298
CHR4	7489765	CHR4:7489765	SSF x LoA	-11,536499	-0,039	0,311
CHR4	7491704	CHR4:7491704	SSF x LoA	-9,38002112	-0,072	0,305
CHR4	7491732	CHR4:7491732	SSF x LoA	-9,03712917	0,009	0,318
CHR4	7505976	CHR4:7505976	SSF x LoA	-9,93089803	0,085	0,295
CHR4	750625	CHR4:750625	SSF x LoA	-9,70249547	-0,034	0,312
CHR4	7517195	CHR4:7517195	SSF x LoA	-8,59351133	-0,027	0,302
CHR4	7517429	CHR4:7517429	SSF x LoA	-10,1210055	0,085	0,300
CHR4	754344	CHR4:754344	SSF x LoA	-9,93213635	0,083	0,319
CHR4	7551682	CHR4:7551682	SSF x LoA	-9,11254646	0,084	0,318
CHR4	7551683	CHR4:7551683	SSF x LoA	-10,4624804	0,107	0,306
CHR4	7552984	CHR4:7552984	SSF x LoA	-8,29778069	-0,018	0,301
CHR4	7553166	CHR4:7553166	SSF x LoA	-7,1094514	-0,125	0,300
CHR4	7553178	CHR4:7553178	SSF x LoA	-8,30529326	-0,104	0,307
CHR4	7553179	CHR4:7553179	SSF x LoA	-8,93907884	-0,085	0,321
CHR4	7558294	CHR4:7558294	SSF x LoA	-7,90450929	0,149	0,311
CHR4	7558334	CHR4:7558334	SSF x LoA	-4,88403177	0,128	0,311
CHR4	7571068	CHR4:7571068	SSF x LoA	-9,57145975	0,106	0,305
CHR4	7571257	CHR4:7571257	SSF x LoA	-11,1868314	0,117	0,306
CHR4	7571293	CHR4:7571293	SSF x LoA	-9,70501494	0,000	0,298
CHR4	7586291	CHR4:7586291	SSF x LoA	-7,13536914	0,096	0,302
CHR4	7586443	CHR4:7586443	SSF x LoA	-10,6370113	-0,050	0,300
CHR4	7586460	CHR4:7586460	SSF x LoA	-6,60320977	0,096	0,319
CHR4	7586504	CHR4:7586504	SSF x LoA	-10,9954368	-0,076	0,307
CHR4	7598733	CHR4:7598733	SSF x LoA	-11,3179067	0,018	0,308
CHR4	7598777	CHR4:7598777	SSF x LoA	-8,51129811	0,134	0,313
CHR4	7598781	CHR4:7598781	SSF x LoA	-9,91911036	-0,001	0,321
CHR4	7598933	CHR4:7598933	SSF x LoA	-9,62776191	-0,003	0,299
CHR4	761348	CHR4:761348	SSF x LoA	6,53763428	0,126	0,289
CHR4	7615352	CHR4:7615352	SSF x LoA	-6,42615559	-0,022	0,313
CHR4	7615370	CHR4:7615370	SSF x LoA	-8,01032352	-0,023	0,320
CHR4	7615412	CHR4:7615412	SSF x LoA	7,49660665	-0,092	0,303
CHR4	7615419	CHR4:7615419	SSF x LoA	-8,59094425	-0,098	0,288

CHR4	7615422	CHR4:7615422	SSF x LoA	-8,53086193	-0,086	0,305
CHR4	7615480	CHR4:7615480	SSF x LoA	-9,09111983	0,059	0,303
CHR4	7625007	CHR4:7625007	SSF x LoA	-7,09289475	0,075	0,307
CHR4	7625050	CHR4:7625050	SSF x LoA	-10,3766749	0,052	0,305
CHR4	7625100	CHR4:7625100	SSF x LoA	-8,50444197	-0,101	0,304
CHR4	7625195	CHR4:7625195	SSF x LoA	-8,92298065	0,045	0,310
CHR4	7625250	CHR4:7625250	SSF x LoA	-8,84051947	0,061	0,307
CHR4	7627532	CHR4:7627532	SSF x LoA	-6,40995085	0,048	0,303
CHR4	7648047	CHR4:7648047	SSF x LoA	-10,958694	-0,062	0,304
CHR4	7675536	CHR4:7675536	SSF x LoA	-9,74841735	-0,031	0,291
CHR4	7675639	CHR4:7675639	SSF x LoA	-10,3158965	-0,016	0,299
CHR4	7681091	CHR4:7681091	SSF x LoA	-7,9913803	0,008	0,310
CHR4	7716816	CHR4:7716816	SSF x LoA	-9,09616703	-0,027	0,293
CHR4	7724330	CHR4:7724330	SSF x LoA	-5,24692281	0,151	0,311
CHR4	7733117	CHR4:7733117	SSF x LoA	-11,1218274	0,033	0,309
CHR4	7733183	CHR4:7733183	SSF x LoA	-10,6675797	-0,117	0,309
CHR4	773340	CHR4:773340	SSF x LoA	-8,91223682	-0,060	0,312
CHR4	7740796	CHR4:7740796	SSF x LoA	-8,73473915	-0,158	0,293
CHR4	7740839	CHR4:7740839	SSF x LoA	-7,89951467	-0,081	0,314
CHR4	7740840	CHR4:7740840	SSF x LoA	-7,03343426	-0,096	0,308
CHR4	7740841	CHR4:7740841	SSF x LoA	-8,16476276	-0,090	0,308
CHR4	7740844	CHR4:7740844	SSF x LoA	-6,62796158	-0,097	0,312
CHR4	7740845	CHR4:7740845	SSF x LoA	-8,50028776	-0,107	0,310
CHR4	7740846	CHR4:7740846	SSF x LoA	-7,14503274	-0,069	0,306
CHR4	7762139	CHR4:7762139	SSF x LoA	-8,39750405	-0,129	0,305
CHR4	7763927	CHR4:7763927	SSF x LoA	-10,5171829	-0,029	0,315
CHR4	7763949	CHR4:7763949	SSF x LoA	-9,80353521	0,037	0,312
CHR4	7763987	CHR4:7763987	SSF x LoA	-9,81847361	-0,088	0,303
CHR4	7771779	CHR4:7771779	SSF x LoA	-7,86436037	-0,103	0,316
CHR4	7771780	CHR4:7771780	SSF x LoA	-9,11627372	0,065	0,297
CHR4	7771795	CHR4:7771795	SSF x LoA	-9,48610541	0,033	0,312
CHR4	7771871	CHR4:7771871	SSF x LoA	-11,5996397	0,002	0,309
CHR4	7772516	CHR4:7772516	SSF x LoA	-10,1095706	-0,055	0,289
CHR4	7772539	CHR4:7772539	SSF x LoA	-10,894822	-0,054	0,299
CHR4	7772565	CHR4:7772565	SSF x LoA	-8,4893602	0,053	0,321
CHR4	7772571	CHR4:7772571	SSF x LoA	-7,72539848	-0,047	0,309
CHR4	7772629	CHR4:7772629	SSF x LoA	-11,1987786	-0,060	0,296
CHR4	7776788	CHR4:7776788	SSF x LoA	-7,811882	0,048	0,296
CHR4	7776801	CHR4:7776801	SSF x LoA	-2,79882905	-0,085	0,333
CHR4	7776935	CHR4:7776935	SSF x LoA	-9,67471804	0,026	0,290
CHR4	7784227	CHR4:7784227	SSF x LoA	-9,96300721	0,018	0,291
CHR4	7784242	CHR4:7784242	SSF x LoA	-8,45477169	-0,029	0,318
CHR4	7784264	CHR4:7784264	SSF x LoA	-8,94124313	-0,040	0,296
CHR4	7784304	CHR4:7784304	SSF x LoA	-9,64737247	0,025	0,302
CHR4	7784313	CHR4:7784313	SSF x LoA	-9,87090542	0,022	0,304
CHR4	7784342	CHR4:7784342	SSF x LoA	-7,86416052	0,147	0,312
CHR4	7784376	CHR4:7784376	SSF x LoA	-1,94460774	0,214	0,299
CHR4	7784391	CHR4:7784391	SSF x LoA	-10,5624933	0,041	0,290
CHR4	7784412	CHR4:7784412	SSF x LoA	-10,5979128	-0,015	0,301
CHR4	7788877	CHR4:7788877	SSF x LoA	-10,5669991	-0,026	0,306
CHR4	7788884	CHR4:7788884	SSF x LoA	-11,1965397	-0,022	0,310
CHR4	7788885	CHR4:7788885	SSF x LoA	-7,88202625	-0,117	0,305
CHR4	7788939	CHR4:7788939	SSF x LoA	-11,9623131	0,059	0,304

CHR4	7788982	CHR4:7788982	SSF x LoA	-7,47348197	-0,112	0,312
CHR4	7788984	CHR4:7788984	SSF x LoA	-8,73588804	-0,081	0,321
CHR4	7788995	CHR4:7788995	SSF x LoA	-7,73331707	-0,082	0,302
CHR4	7789038	CHR4:7789038	SSF x LoA	-8,85010344	0,049	0,301
CHR4	7789054	CHR4:7789054	SSF x LoA	-8,7093904	0,048	0,306
CHR4	7795464	CHR4:7795464	SSF x LoA	-11,4191879	-0,075	0,292
CHR4	7795563	CHR4:7795563	SSF x LoA	-9,20809477	-0,020	0,310
CHR4	7795605	CHR4:7795605	SSF x LoA	-9,05618945	-0,035	0,298
CHR4	7797855	CHR4:7797855	SSF x LoA	-6,18118122	0,090	0,310
CHR4	7801477	CHR4:7801477	SSF x LoA	-9,40890382	0,052	0,303
CHR4	7801519	CHR4:7801519	SSF x LoA	-9,15365293	0,050	0,293
CHR4	7801535	CHR4:7801535	SSF x LoA	-8,85890749	-0,049	0,305
CHR4	7801548	CHR4:7801548	SSF x LoA	-10,3750011	0,000	0,307
CHR4	780691	CHR4:780691	SSF x LoA	-8,98216949	-0,047	0,308
CHR4	780724	CHR4:780724	SSF x LoA	-10,2868654	-0,039	0,298
CHR4	780726	CHR4:780726	SSF x LoA	-8,72966444	0,167	0,305
CHR4	780910	CHR4:780910	SSF x LoA	-10,9940458	-0,039	0,301
CHR4	780944	CHR4:780944	SSF x LoA	-9,31629986	-0,082	0,314
CHR4	780984	CHR4:780984	SSF x LoA	-8,99996715	0,070	0,311
CHR4	781030	CHR4:781030	SSF x LoA	-11,7944836	0,034	0,288
CHR4	7813328	CHR4:7813328	SSF x LoA	-9,22493363	0,032	0,312
CHR4	7813335	CHR4:7813335	SSF x LoA	-9,57567231	0,010	0,318
CHR4	7813384	CHR4:7813384	SSF x LoA	-10,0381231	-0,070	0,302
CHR4	7813394	CHR4:7813394	SSF x LoA	-7,33401077	-0,124	0,303
CHR4	7813401	CHR4:7813401	SSF x LoA	-8,49630878	0,180	0,302
CHR4	7813436	CHR4:7813436	SSF x LoA	-9,63485675	-0,036	0,291
CHR4	7813511	CHR4:7813511	SSF x LoA	-8,9336749	0,027	0,300
CHR4	7813564	CHR4:7813564	SSF x LoA	-8,04949348	0,019	0,315
CHR4	7813577	CHR4:7813577	SSF x LoA	-9,37859011	0,154	0,292
CHR4	7813593	CHR4:7813593	SSF x LoA	-12,4678685	0,070	0,297
CHR4	7819575	CHR4:7819575	SSF x LoA	-9,85161578	-0,149	0,305
CHR4	7819587	CHR4:7819587	SSF x LoA	-10,2597685	-0,006	0,316
CHR4	7819595	CHR4:7819595	SSF x LoA	-9,06268865	0,054	0,296
CHR4	7819627	CHR4:7819627	SSF x LoA	-7,78075399	-0,070	0,310
CHR4	7819682	CHR4:7819682	SSF x LoA	-10,7608179	0,050	0,301
CHR4	7823233	CHR4:7823233	SSF x LoA	-9,45933482	0,006	0,304
CHR4	7823246	CHR4:7823246	SSF x LoA	-9,43316814	-0,043	0,309
CHR4	7823257	CHR4:7823257	SSF x LoA	-6,84097927	-0,044	0,304
CHR4	7823321	CHR4:7823321	SSF x LoA	-11,1145921	0,020	0,310
CHR4	7829241	CHR4:7829241	SSF x LoA	-10,4210946	-0,010	0,310
CHR4	7829751	CHR4:7829751	SSF x LoA	-0,46174507	0,017	0,308
CHR4	7832349	CHR4:7832349	SSF x LoA	-7,93192101	-0,032	0,308
CHR4	783455	CHR4:783455	SSF x LoA	-9,91460051	-0,050	0,313
CHR4	783530	CHR4:783530	SSF x LoA	-9,51935734	-0,102	0,294
CHR4	783618	CHR4:783618	SSF x LoA	-10,483161	-0,014	0,312
CHR4	7839031	CHR4:7839031	SSF x LoA	-5,28868292	0,081	0,304
CHR4	7839044	CHR4:7839044	SSF x LoA	-9,41038218	0,100	0,303
CHR4	7839045	CHR4:7839045	SSF x LoA	-9,07549464	0,080	0,299
CHR4	7861292	CHR4:7861292	SSF x LoA	-3,78225526	-0,137	0,308
CHR4	7861300	CHR4:7861300	SSF x LoA	-9,84319404	-0,050	0,307
CHR4	7861347	CHR4:7861347	SSF x LoA	-10,5524893	0,008	0,306
CHR4	7861938	CHR4:7861938	SSF x LoA	-10,3474849	-0,029	0,304
CHR4	7874691	CHR4:7874691	SSF x LoA	-9,22985917	-0,019	0,311

CHR4	7874757	CHR4:7874757	SSF x LoA	-8,92758206	0,009	0,321
CHR4	7874858	CHR4:7874858	SSF x LoA	-10,1114656	0,002	0,310
CHR4	7874925	CHR4:7874925	SSF x LoA	-8,66168246	0,096	0,293
CHR4	7880442	CHR4:7880442	SSF x LoA	-6,69283337	0,098	0,308
CHR4	7880569	CHR4:7880569	SSF x LoA	-9,61786239	-0,143	0,312
CHR4	7880574	CHR4:7880574	SSF x LoA	-8,82865667	-0,126	0,311
CHR4	7880575	CHR4:7880575	SSF x LoA	-8,99032531	0,012	0,311
CHR4	7880586	CHR4:7880586	SSF x LoA	-7,63967854	-0,132	0,310
CHR4	7884620	CHR4:7884620	SSF x LoA	-10,7027676	0,093	0,308
CHR4	7884665	CHR4:7884665	SSF x LoA	-7,99777782	0,048	0,312
CHR4	7884736	CHR4:7884736	SSF x LoA	-10,9049107	0,038	0,310
CHR4	7884756	CHR4:7884756	SSF x LoA	-10,0788802	-0,082	0,303
CHR4	7884781	CHR4:7884781	SSF x LoA	-8,52510357	-0,025	0,326
CHR4	7884866	CHR4:7884866	SSF x LoA	-11,8295013	-0,006	0,312
CHR4	7884903	CHR4:7884903	SSF x LoA	-9,20278441	-0,053	0,316
CHR4	7887825	CHR4:7887825	SSF x LoA	-7,65270065	0,034	0,305
CHR4	7889684	CHR4:7889684	SSF x LoA	-7,52733121	0,067	0,311
CHR4	7889705	CHR4:7889705	SSF x LoA	-7,16882005	-0,038	0,310
CHR4	7889768	CHR4:7889768	SSF x LoA	-7,79057141	0,042	0,304
CHR4	7889775	CHR4:7889775	SSF x LoA	-10,3154818	0,038	0,309
CHR4	7912880	CHR4:7912880	SSF x LoA	-10,5290298	0,028	0,314
CHR4	7916868	CHR4:7916868	SSF x LoA	-8,8757712	0,018	0,320
CHR4	7917010	CHR4:7917010	SSF x LoA	-6,60979748	0,196	0,301
CHR4	7920305	CHR4:7920305	SSF x LoA	-8,92564701	-0,019	0,303
CHR4	7920355	CHR4:7920355	SSF x LoA	-9,45729271	-0,005	0,301
CHR4	7920363	CHR4:7920363	SSF x LoA	-10,6943714	0,006	0,317
CHR4	7920492	CHR4:7920492	SSF x LoA	-8,00926233	-0,021	0,317
CHR4	7920495	CHR4:7920495	SSF x LoA	-8,94854245	0,034	0,325
CHR4	7920497	CHR4:7920497	SSF x LoA	-9,45712407	0,007	0,296
CHR4	7920499	CHR4:7920499	SSF x LoA	-4,33652768	-0,053	0,303
CHR4	7920502	CHR4:7920502	SSF x LoA	-8,1534287	0,022	0,302
CHR4	7920515	CHR4:7920515	SSF x LoA	-9,68055108	-0,068	0,310
CHR4	7927038	CHR4:7927038	SSF x LoA	-8,57064598	-0,129	0,294
CHR4	7927180	CHR4:7927180	SSF x LoA	-8,38802996	0,159	0,278
CHR4	7927190	CHR4:7927190	SSF x LoA	-3,4097536	-0,205	0,304
CHR4	7927217	CHR4:7927217	SSF x LoA	-3,21999676	0,185	0,286
CHR4	7927288	CHR4:7927288	SSF x LoA	-9,33220737	-0,072	0,316
CHR4	7952697	CHR4:7952697	SSF x LoA	-8,68790667	-0,046	0,298
CHR4	7952770	CHR4:7952770	SSF x LoA	-9,22728488	-0,083	0,327
CHR4	7952894	CHR4:7952894	SSF x LoA	-8,42632599	0,102	0,306
CHR4	7970105	CHR4:7970105	SSF x LoA	-10,6000006	-0,023	0,308
CHR4	7970199	CHR4:7970199	SSF x LoA	-7,92550977	0,043	0,306
CHR4	7970254	CHR4:7970254	SSF x LoA	-9,91010644	0,016	0,309
CHR4	7973755	CHR4:7973755	SSF x LoA	-8,72102322	-0,006	0,306
CHR4	7973758	CHR4:7973758	SSF x LoA	-9,72542101	-0,039	0,310
CHR4	7980526	CHR4:7980526	SSF x LoA	-11,3573214	-0,036	0,293
CHR4	7980603	CHR4:7980603	SSF x LoA	-10,8126272	-0,079	0,292
CHR4	7982081	CHR4:7982081	SSF x LoA	-8,09559629	0,085	0,310
CHR4	7995043	CHR4:7995043	SSF x LoA	-10,1650035	-0,032	0,304
CHR4	8003445	CHR4:8003445	SSF x LoA	-9,83711263	-0,065	0,310
CHR4	8006503	CHR4:8006503	SSF x LoA	-7,46113342	-0,129	0,290
CHR4	8015307	CHR4:8015307	SSF x LoA	-11,10871	0,052	0,311
CHR4	8015445	CHR4:8015445	SSF x LoA	-10,3166438	-0,026	0,302

CHR4	8017523	CHR4:8017523	SSF x LoA	-10,6816944	0,000	0,311
CHR4	8023782	CHR4:8023782	SSF x LoA	-8,73794766	0,075	0,314
CHR4	8025764	CHR4:8025764	SSF x LoA	-11,3455563	-0,044	0,313
CHR4	8033508	CHR4:8033508	SSF x LoA	-6,90940082	0,058	0,326
CHR4	8051991	CHR4:8051991	SSF x LoA	-5,99449167	0,228	0,302
CHR4	8052028	CHR4:8052028	SSF x LoA	-10,3298606	-0,119	0,303
CHR4	8052103	CHR4:8052103	SSF x LoA	-5,88761111	0,255	0,296
CHR4	8054325	CHR4:8054325	SSF x LoA	3,01431378	-0,097	0,309
CHR4	8054366	CHR4:8054366	SSF x LoA	-9,1096406	-0,026	0,310
CHR4	8054402	CHR4:8054402	SSF x LoA	-9,84746706	-0,059	0,301
CHR4	8054433	CHR4:8054433	SSF x LoA	-9,06486564	-0,027	0,300
CHR4	8054550	CHR4:8054550	SSF x LoA	-10,2839444	0,071	0,314
CHR4	805661	CHR4:805661	SSF x LoA	-10,9420647	-0,043	0,320
CHR4	805675	CHR4:805675	SSF x LoA	-8,45925666	-0,131	0,316
CHR4	8060914	CHR4:8060914	SSF x LoA	-12,0770158	0,017	0,320
CHR4	8060927	CHR4:8060927	SSF x LoA	-7,93458998	0,045	0,313
CHR4	8060978	CHR4:8060978	SSF x LoA	-7,97548939	0,019	0,313
CHR4	8061005	CHR4:8061005	SSF x LoA	-9,89760051	0,059	0,301
CHR4	8061011	CHR4:8061011	SSF x LoA	-11,0162016	-0,033	0,308
CHR4	8063039	CHR4:8063039	SSF x LoA	-9,97520396	0,010	0,310
CHR4	8075086	CHR4:8075086	SSF x LoA	0,35012002	-0,064	0,306
CHR4	8075102	CHR4:8075102	SSF x LoA	-10,1702093	-0,100	0,300
CHR4	8075107	CHR4:8075107	SSF x LoA	-6,13149781	0,003	0,303
CHR4	8075123	CHR4:8075123	SSF x LoA	-8,38588772	0,119	0,300
CHR4	8075126	CHR4:8075126	SSF x LoA	-9,13861742	-0,068	0,306
CHR4	8075138	CHR4:8075138	SSF x LoA	-8,99414341	-0,100	0,301
CHR4	8075197	CHR4:8075197	SSF x LoA	-5,08918326	-0,157	0,314
CHR4	8075214	CHR4:8075214	SSF x LoA	-2,79517013	-0,028	0,312
CHR4	8075258	CHR4:8075258	SSF x LoA	-10,9331821	-0,139	0,293
CHR4	8075270	CHR4:8075270	SSF x LoA	-7,9217264	-0,112	0,311
CHR4	8075360	CHR4:8075360	SSF x LoA	-8,98084341	-0,103	0,307
CHR4	8081007	CHR4:8081007	SSF x LoA	-11,2160454	0,038	0,302
CHR4	8087051	CHR4:8087051	SSF x LoA	-10,0172708	-0,058	0,312
CHR4	8087054	CHR4:8087054	SSF x LoA	-9,49728946	-0,085	0,305
CHR4	8087067	CHR4:8087067	SSF x LoA	-9,77721062	-0,099	0,310
CHR4	8087068	CHR4:8087068	SSF x LoA	-10,232358	-0,080	0,304
CHR4	8087073	CHR4:8087073	SSF x LoA	-10,0432551	-0,133	0,300
CHR4	8087104	CHR4:8087104	SSF x LoA	-10,5985614	-0,072	0,309
CHR4	8087106	CHR4:8087106	SSF x LoA	-11,397481	-0,068	0,292
CHR4	8087113	CHR4:8087113	SSF x LoA	-10,7461214	-0,055	0,308
CHR4	8087122	CHR4:8087122	SSF x LoA	-9,04169252	-0,077	0,321
CHR4	8087131	CHR4:8087131	SSF x LoA	-10,0209376	-0,049	0,312
CHR4	8087132	CHR4:8087132	SSF x LoA	-9,8939546	-0,089	0,314
CHR4	8087134	CHR4:8087134	SSF x LoA	-9,2132949	-0,089	0,314
CHR4	8087143	CHR4:8087143	SSF x LoA	-6,32998392	-0,092	0,311
CHR4	8087149	CHR4:8087149	SSF x LoA	-10,3734526	-0,048	0,314
CHR4	8087150	CHR4:8087150	SSF x LoA	-10,066508	-0,073	0,318
CHR4	8087155	CHR4:8087155	SSF x LoA	-10,1323069	-0,090	0,300
CHR4	8087180	CHR4:8087180	SSF x LoA	-10,8028497	-0,079	0,299
CHR4	8128139	CHR4:8128139	SSF x LoA	-10,3468051	0,007	0,303
CHR4	8135321	CHR4:8135321	SSF x LoA	-8,90518021	0,024	0,314
CHR4	8135388	CHR4:8135388	SSF x LoA	-10,5722195	0,074	0,298
CHR4	8135444	CHR4:8135444	SSF x LoA	-9,30749974	-0,017	0,315

CHR4	8135454	CHR4:8135454	SSF x LoA	-8,43654167	0,014	0,307
CHR4	8135495	CHR4:8135495	SSF x LoA	-11,6419753	0,117	0,286
CHR4	813897	CHR4:813897	SSF x LoA	-5,151098	-0,132	0,299
CHR4	8140450	CHR4:8140450	SSF x LoA	-10,0794821	-0,001	0,314
CHR4	8140546	CHR4:8140546	SSF x LoA	-9,1725083	-0,144	0,314
CHR4	8140599	CHR4:8140599	SSF x LoA	-11,0120695	0,053	0,311
CHR4	8141499	CHR4:8141499	SSF x LoA	-10,426079	0,053	0,310
CHR4	8141514	CHR4:8141514	SSF x LoA	-8,24670801	0,122	0,296
CHR4	8141516	CHR4:8141516	SSF x LoA	-9,65294356	0,138	0,289
CHR4	8141522	CHR4:8141522	SSF x LoA	-3,55392721	0,154	0,297
CHR4	8141530	CHR4:8141530	SSF x LoA	-8,75472718	-0,061	0,307
CHR4	8141537	CHR4:8141537	SSF x LoA	-7,66730629	0,054	0,295
CHR4	8141547	CHR4:8141547	SSF x LoA	-9,39404442	-0,046	0,297
CHR4	8141550	CHR4:8141550	SSF x LoA	-9,73575249	0,049	0,320
CHR4	8141573	CHR4:8141573	SSF x LoA	-11,4394219	0,022	0,308
CHR4	8141582	CHR4:8141582	SSF x LoA	-8,06276837	-0,101	0,304
CHR4	8141584	CHR4:8141584	SSF x LoA	-8,7228436	-0,062	0,308
CHR4	8141624	CHR4:8141624	SSF x LoA	-8,89707004	0,009	0,308
CHR4	8141640	CHR4:8141640	SSF x LoA	-9,57426316	0,104	0,296
CHR4	8141651	CHR4:8141651	SSF x LoA	-9,91906715	0,016	0,310
CHR4	8141692	CHR4:8141692	SSF x LoA	-5,61459337	0,056	0,293
CHR4	8141709	CHR4:8141709	SSF x LoA	-2,13745333	0,001	0,328
CHR4	8141728	CHR4:8141728	SSF x LoA	-9,23382898	0,060	0,307
CHR4	8141746	CHR4:8141746	SSF x LoA	-7,8290371	0,081	0,301
CHR4	8151159	CHR4:8151159	SSF x LoA	-8,19380834	0,147	0,318
CHR4	8151261	CHR4:8151261	SSF x LoA	-8,42361943	-0,014	0,313
CHR4	8151262	CHR4:8151262	SSF x LoA	-10,4574644	0,046	0,313
CHR4	8151300	CHR4:8151300	SSF x LoA	-7,99158388	0,045	0,307
CHR4	8151349	CHR4:8151349	SSF x LoA	-9,12418913	-0,004	0,305
CHR4	8151350	CHR4:8151350	SSF x LoA	-6,88157176	0,001	0,302
CHR4	8151377	CHR4:8151377	SSF x LoA	-3,33836797	-0,033	0,307
CHR4	8151417	CHR4:8151417	SSF x LoA	-7,56287573	-0,045	0,322
CHR4	8158068	CHR4:8158068	SSF x LoA	-10,9131455	0,082	0,321
CHR4	8165069	CHR4:8165069	SSF x LoA	-10,6584285	-0,049	0,304
CHR4	8165103	CHR4:8165103	SSF x LoA	-8,67525309	-0,063	0,308
CHR4	8165109	CHR4:8165109	SSF x LoA	-8,16021979	-0,017	0,319
CHR4	8165142	CHR4:8165142	SSF x LoA	-9,1128089	0,122	0,287
CHR4	8165957	CHR4:8165957	SSF x LoA	-10,0107198	-0,081	0,303
CHR4	8165973	CHR4:8165973	SSF x LoA	-8,30479207	0,066	0,302
CHR4	8166030	CHR4:8166030	SSF x LoA	-9,84242951	-0,069	0,303
CHR4	8166053	CHR4:8166053	SSF x LoA	-10,7224102	-0,024	0,313
CHR4	8166067	CHR4:8166067	SSF x LoA	-10,2733974	-0,005	0,314
CHR4	8166100	CHR4:8166100	SSF x LoA	-7,39032863	0,043	0,304
CHR4	8166111	CHR4:8166111	SSF x LoA	-11,2750634	-0,037	0,303
CHR4	8166189	CHR4:8166189	SSF x LoA	-8,84104251	0,000	0,309
CHR4	8166244	CHR4:8166244	SSF x LoA	-8,88698027	-0,031	0,300
CHR4	817581	CHR4:817581	SSF x LoA	-7,08361685	-0,056	0,311
CHR4	822452	CHR4:822452	SSF x LoA	-10,3958857	-0,091	0,323
CHR4	8233022	CHR4:8233022	SSF x LoA	-11,4224802	-0,062	0,312
CHR4	8243506	CHR4:8243506	SSF x LoA	-10,3426041	-0,077	0,315
CHR4	8250832	CHR4:8250832	SSF x LoA	-8,54352782	0,011	0,303
CHR4	8250845	CHR4:8250845	SSF x LoA	-8,34320265	-0,091	0,315
CHR4	8250924	CHR4:8250924	SSF x LoA	-11,0075948	-0,054	0,314

CHR4	8251013	CHR4:8251013	SSF x LoA	-6,72430431	0,024	0,308
CHR4	8262413	CHR4:8262413	SSF x LoA	-10,1936559	0,072	0,304
CHR4	827907	CHR4:827907	SSF x LoA	-6,93827976	-0,042	0,302
CHR4	827934	CHR4:827934	SSF x LoA	-7,55910067	-0,075	0,291
CHR4	827947	CHR4:827947	SSF x LoA	-8,86639849	-0,066	0,287
CHR4	827949	CHR4:827949	SSF x LoA	-9,81831851	0,034	0,309
CHR4	8293311	CHR4:8293311	SSF x LoA	-9,87201027	-0,068	0,312
CHR4	8309989	CHR4:8309989	SSF x LoA	-8,39843568	-0,079	0,304
CHR4	8316347	CHR4:8316347	SSF x LoA	-11,044697	0,084	0,315
CHR4	8316924	CHR4:8316924	SSF x LoA	-11,3191446	-0,029	0,306
CHR4	8357130	CHR4:8357130	SSF x LoA	-7,71601122	0,116	0,312
CHR4	8357159	CHR4:8357159	SSF x LoA	-10,501948	-0,009	0,307
CHR4	8360110	CHR4:8360110	SSF x LoA	-8,89417979	-0,014	0,321
CHR4	8360113	CHR4:8360113	SSF x LoA	-8,25524015	-0,099	0,297
CHR4	8378278	CHR4:8378278	SSF x LoA	-12,301011	0,008	0,303
CHR4	8391062	CHR4:8391062	SSF x LoA	-10,8739332	-0,140	0,292
CHR4	8397648	CHR4:8397648	SSF x LoA	-10,9769174	0,020	0,308
CHR4	8401957	CHR4:8401957	SSF x LoA	-11,5541299	0,018	0,302
CHR4	8402185	CHR4:8402185	SSF x LoA	-8,544657	0,034	0,293
CHR4	8404612	CHR4:8404612	SSF x LoA	-9,89819921	0,081	0,291
CHR4	8404615	CHR4:8404615	SSF x LoA	-8,93989747	0,058	0,298
CHR4	8404617	CHR4:8404617	SSF x LoA	-8,5775798	0,023	0,312
CHR4	8408020	CHR4:8408020	SSF x LoA	-9,44129439	0,001	0,321
CHR4	8408060	CHR4:8408060	SSF x LoA	-9,54365047	-0,064	0,280
CHR4	8408126	CHR4:8408126	SSF x LoA	-7,79990465	0,008	0,314
CHR4	8408128	CHR4:8408128	SSF x LoA	-7,00707978	0,022	0,329
CHR4	8408150	CHR4:8408150	SSF x LoA	-10,5758604	0,098	0,312
CHR4	8408222	CHR4:8408222	SSF x LoA	-9,77716348	0,034	0,308
CHR4	8412728	CHR4:8412728	SSF x LoA	-9,87150858	0,004	0,319
CHR4	8412734	CHR4:8412734	SSF x LoA	-9,00405547	-0,082	0,291
CHR4	8415585	CHR4:8415585	SSF x LoA	-10,0074294	0,011	0,310
CHR4	8415596	CHR4:8415596	SSF x LoA	-10,0211634	-0,061	0,308
CHR4	8415876	CHR4:8415876	SSF x LoA	-9,73739036	0,055	0,313
CHR4	8415883	CHR4:8415883	SSF x LoA	-8,95191301	0,035	0,321
CHR4	8415903	CHR4:8415903	SSF x LoA	0,69434085	-0,200	0,307
CHR4	8415948	CHR4:8415948	SSF x LoA	-9,74140861	0,038	0,302
CHR4	8418592	CHR4:8418592	SSF x LoA	-8,94198414	0,015	0,318
CHR4	8418745	CHR4:8418745	SSF x LoA	-8,97292797	-0,029	0,318
CHR4	8420992	CHR4:8420992	SSF x LoA	-7,94499253	0,105	0,322
CHR4	8421051	CHR4:8421051	SSF x LoA	-9,55625833	0,055	0,313
CHR4	8426756	CHR4:8426756	SSF x LoA	-9,99953094	-0,060	0,314
CHR4	8426807	CHR4:8426807	SSF x LoA	-7,24339307	-0,104	0,296
CHR4	8426818	CHR4:8426818	SSF x LoA	-8,47912793	-0,032	0,303
CHR4	8426929	CHR4:8426929	SSF x LoA	-9,46636208	-0,040	0,312
CHR4	8436159	CHR4:8436159	SSF x LoA	-10,1036313	0,027	0,300
CHR4	8436348	CHR4:8436348	SSF x LoA	-8,06544773	-0,063	0,298
CHR4	8449051	CHR4:8449051	SSF x LoA	-10,2512468	-0,106	0,314
CHR4	8451744	CHR4:8451744	SSF x LoA	-7,39648697	-0,117	0,307
CHR4	8453354	CHR4:8453354	SSF x LoA	-9,4165363	0,074	0,309
CHR4	8453405	CHR4:8453405	SSF x LoA	-11,3066388	-0,074	0,320
CHR4	8453415	CHR4:8453415	SSF x LoA	-10,9205169	-0,040	0,313
CHR4	8475935	CHR4:8475935	SSF x LoA	-6,24048478	0,029	0,312
CHR4	8475939	CHR4:8475939	SSF x LoA	-9,30367372	0,027	0,300

CHR4	8476126	CHR4:8476126	SSF x LoA	-9,56634453	0,030	0,311
CHR4	8476160	CHR4:8476160	SSF x LoA	-8,93131544	-0,064	0,320
CHR4	8476210	CHR4:8476210	SSF x LoA	-8,13712984	0,029	0,306
CHR4	8491148	CHR4:8491148	SSF x LoA	-8,20259103	0,036	0,313
CHR4	8492546	CHR4:8492546	SSF x LoA	-4,64123098	-0,106	0,318
CHR4	8496856	CHR4:8496856	SSF x LoA	-7,29089125	-0,097	0,303
CHR4	8537316	CHR4:8537316	SSF x LoA	-8,4799079	0,036	0,301
CHR4	8537328	CHR4:8537328	SSF x LoA	-12,1796244	0,030	0,297
CHR4	8537377	CHR4:8537377	SSF x LoA	-7,09471112	-0,111	0,314
CHR4	8539833	CHR4:8539833	SSF x LoA	-10,3340429	0,018	0,314
CHR4	8539881	CHR4:8539881	SSF x LoA	-9,07110203	-0,012	0,321
CHR4	8539906	CHR4:8539906	SSF x LoA	-9,35274164	-0,062	0,298
CHR4	8539914	CHR4:8539914	SSF x LoA	-6,68351283	-0,115	0,308
CHR4	8541272	CHR4:8541272	SSF x LoA	-9,20366042	0,076	0,305
CHR4	8550962	CHR4:8550962	SSF x LoA	-12,1382596	-0,003	0,306
CHR4	8551071	CHR4:8551071	SSF x LoA	-10,2096229	-0,008	0,309
CHR4	8551087	CHR4:8551087	SSF x LoA	-7,06629119	-0,007	0,309
CHR4	8551127	CHR4:8551127	SSF x LoA	-11,1109134	0,021	0,306
CHR4	8551171	CHR4:8551171	SSF x LoA	-10,239592	0,002	0,308
CHR4	8559915	CHR4:8559915	SSF x LoA	-9,71675154	-0,013	0,307
CHR4	8559952	CHR4:8559952	SSF x LoA	-6,68417378	-0,040	0,310
CHR4	8563529	CHR4:8563529	SSF x LoA	-5,81456665	0,000	0,308
CHR4	8569019	CHR4:8569019	SSF x LoA	-8,57374017	0,051	0,317
CHR4	8569040	CHR4:8569040	SSF x LoA	-9,92039106	-0,132	0,311
CHR4	8569041	CHR4:8569041	SSF x LoA	-10,6137244	0,032	0,301
CHR4	8569111	CHR4:8569111	SSF x LoA	-10,155633	0,010	0,304
CHR4	8569160	CHR4:8569160	SSF x LoA	-5,99810225	0,182	0,299
CHR4	8569185	CHR4:8569185	SSF x LoA	-9,39690549	0,034	0,300
CHR4	8569210	CHR4:8569210	SSF x LoA	-8,01413176	0,169	0,312
CHR4	8569224	CHR4:8569224	SSF x LoA	-6,14029006	-0,187	0,299
CHR4	8569231	CHR4:8569231	SSF x LoA	-6,75559285	0,159	0,295
CHR4	8569276	CHR4:8569276	SSF x LoA	-10,0825048	-0,097	0,298
CHR4	8569352	CHR4:8569352	SSF x LoA	-11,175923	-0,012	0,314
CHR4	8580531	CHR4:8580531	SSF x LoA	-8,26833438	0,053	0,303
CHR4	8580539	CHR4:8580539	SSF x LoA	-6,89456426	0,102	0,306
CHR4	8580567	CHR4:8580567	SSF x LoA	-11,0034428	0,039	0,307
CHR4	8580593	CHR4:8580593	SSF x LoA	-7,2099544	0,047	0,314
CHR4	8585392	CHR4:8585392	SSF x LoA	-9,29106597	-0,044	0,309
CHR4	8585393	CHR4:8585393	SSF x LoA	-8,79128392	-0,065	0,313
CHR4	8585407	CHR4:8585407	SSF x LoA	-9,77099011	0,074	0,304
CHR4	8585429	CHR4:8585429	SSF x LoA	-8,73270856	0,056	0,305
CHR4	8589829	CHR4:8589829	SSF x LoA	-9,13454211	0,035	0,311
CHR4	8589832	CHR4:8589832	SSF x LoA	-8,63787197	0,038	0,300
CHR4	8589935	CHR4:8589935	SSF x LoA	-8,36584159	0,000	0,306
CHR4	8589974	CHR4:8589974	SSF x LoA	-7,55456021	0,030	0,309
CHR4	8589996	CHR4:8589996	SSF x LoA	-7,05729619	-0,167	0,292
CHR4	8589997	CHR4:8589997	SSF x LoA	-9,78416024	-0,087	0,313
CHR4	8590023	CHR4:8590023	SSF x LoA	-6,21575629	-0,148	0,298
CHR4	8590025	CHR4:8590025	SSF x LoA	-11,6306078	-0,031	0,298
CHR4	8590040	CHR4:8590040	SSF x LoA	-8,45144651	0,075	0,310
CHR4	8597764	CHR4:8597764	SSF x LoA	-9,50977536	0,060	0,289
CHR4	8597795	CHR4:8597795	SSF x LoA	-12,000663	0,000	0,301
CHR4	8600475	CHR4:8600475	SSF x LoA	-8,65699449	-0,027	0,303

CHR4	8600541	CHR4:8600541	SSF x LoA	-11,0898548	0,001	0,315
CHR4	8600595	CHR4:8600595	SSF x LoA	-9,74796264	-0,072	0,306
CHR4	8600596	CHR4:8600596	SSF x LoA	-8,98505375	0,021	0,300
CHR4	8600699	CHR4:8600699	SSF x LoA	-7,81473344	0,111	0,314
CHR4	8612847	CHR4:8612847	SSF x LoA	-11,4172922	0,025	0,303
CHR4	8613033	CHR4:8613033	SSF x LoA	-10,4578637	-0,116	0,308
CHR4	8613038	CHR4:8613038	SSF x LoA	-10,0983351	0,026	0,295
CHR4	8613055	CHR4:8613055	SSF x LoA	-8,27899824	-0,120	0,297
CHR4	8613117	CHR4:8613117	SSF x LoA	-3,3694292	-0,182	0,302
CHR4	8613118	CHR4:8613118	SSF x LoA	-8,85328001	-0,034	0,290
CHR4	8613134	CHR4:8613134	SSF x LoA	-8,68639825	-0,078	0,303
CHR4	8628281	CHR4:8628281	SSF x LoA	-10,5229405	-0,025	0,299
CHR4	8632741	CHR4:8632741	SSF x LoA	-10,4839394	0,042	0,303
CHR4	8637179	CHR4:8637179	SSF x LoA	-10,0577801	-0,081	0,305
CHR4	865338	CHR4:865338	SSF x LoA	-9,65467463	0,010	0,311
CHR4	8655586	CHR4:8655586	SSF x LoA	-9,10607661	-0,009	0,301
CHR4	8666831	CHR4:8666831	SSF x LoA	-11,865466	-0,024	0,300
CHR4	8674601	CHR4:8674601	SSF x LoA	-9,01094665	0,002	0,305
CHR4	8674614	CHR4:8674614	SSF x LoA	-8,45778818	-0,092	0,301
CHR4	8675982	CHR4:8675982	SSF x LoA	-10,7282031	0,006	0,296
CHR4	8676081	CHR4:8676081	SSF x LoA	-10,9560977	0,079	0,306
CHR4	868044	CHR4:868044	SSF x LoA	-7,85685932	0,079	0,309
CHR4	8683218	CHR4:8683218	SSF x LoA	-10,6788242	0,074	0,317
CHR4	8686321	CHR4:8686321	SSF x LoA	-10,804346	-0,052	0,306
CHR4	8686327	CHR4:8686327	SSF x LoA	-9,13739756	0,046	0,308
CHR4	8686336	CHR4:8686336	SSF x LoA	-8,71649473	0,058	0,307
CHR4	8686347	CHR4:8686347	SSF x LoA	-7,23159082	0,058	0,301
CHR4	8686348	CHR4:8686348	SSF x LoA	-11,8966627	0,009	0,298
CHR4	8691051	CHR4:8691051	SSF x LoA	-7,93466825	0,141	0,280
CHR4	8691061	CHR4:8691061	SSF x LoA	-9,36442361	0,031	0,309
CHR4	8691075	CHR4:8691075	SSF x LoA	-7,67099276	0,090	0,312
CHR4	8691141	CHR4:8691141	SSF x LoA	-6,92922222	0,078	0,306
CHR4	8691215	CHR4:8691215	SSF x LoA	-7,92927643	-0,142	0,301
CHR4	869203	CHR4:869203	SSF x LoA	-9,84906722	-0,076	0,306
CHR4	869207	CHR4:869207	SSF x LoA	-7,59947591	0,125	0,308
CHR4	869222	CHR4:869222	SSF x LoA	-11,0656316	-0,003	0,302
CHR4	8699071	CHR4:8699071	SSF x LoA	-10,048883	0,034	0,307
CHR4	8699084	CHR4:8699084	SSF x LoA	-10,437701	0,059	0,315
CHR4	8699096	CHR4:8699096	SSF x LoA	-9,56774694	0,098	0,310
CHR4	8699116	CHR4:8699116	SSF x LoA	-9,50467733	-0,028	0,304
CHR4	8699182	CHR4:8699182	SSF x LoA	-9,51214746	0,096	0,309
CHR4	8699183	CHR4:8699183	SSF x LoA	-8,91975238	0,026	0,303
CHR4	8699207	CHR4:8699207	SSF x LoA	-1,98459769	-0,115	0,306
CHR4	8726308	CHR4:8726308	SSF x LoA	-8,31952202	0,172	0,301
CHR4	8726376	CHR4:8726376	SSF x LoA	-6,58140789	0,218	0,279
CHR4	8726379	CHR4:8726379	SSF x LoA	-3,00161001	0,236	0,288
CHR4	8726403	CHR4:8726403	SSF x LoA	-8,41509519	0,252	0,280
CHR4	8726404	CHR4:8726404	SSF x LoA	4,62287679	0,230	0,296
CHR4	8726427	CHR4:8726427	SSF x LoA	-6,85349203	0,151	0,307
CHR4	8741323	CHR4:8741323	SSF x LoA	-11,5228853	0,017	0,312
CHR4	8741324	CHR4:8741324	SSF x LoA	-11,5329558	0,039	0,307
CHR4	8741632	CHR4:8741632	SSF x LoA	-10,7094605	0,008	0,314
CHR4	8757901	CHR4:8757901	SSF x LoA	-11,7371805	-0,022	0,290

CHR4	8757947	CHR4:8757947	SSF x LoA	-10,4822556	0,029	0,298
CHR4	8757966	CHR4:8757966	SSF x LoA	-5,84255494	0,016	0,300
CHR4	8757987	CHR4:8757987	SSF x LoA	-8,21504322	0,076	0,317
CHR4	8758013	CHR4:8758013	SSF x LoA	-10,4809227	-0,023	0,305
CHR4	8761670	CHR4:8761670	SSF x LoA	-8,13008764	0,025	0,312
CHR4	8761780	CHR4:8761780	SSF x LoA	-8,15234666	-0,025	0,308
CHR4	876301	CHR4:876301	SSF x LoA	-9,85691523	0,035	0,327
CHR4	8765721	CHR4:8765721	SSF x LoA	-8,18922807	-0,034	0,303
CHR4	8765897	CHR4:8765897	SSF x LoA	-9,40971304	0,093	0,313
CHR4	8765915	CHR4:8765915	SSF x LoA	-8,19314775	0,083	0,308
CHR4	8765947	CHR4:8765947	SSF x LoA	-8,675888	0,031	0,298
CHR4	8768735	CHR4:8768735	SSF x LoA	-10,2502065	-0,086	0,290
CHR4	8768763	CHR4:8768763	SSF x LoA	-8,07838768	-0,010	0,302
CHR4	8768794	CHR4:8768794	SSF x LoA	-8,22122198	0,038	0,305
CHR4	8768804	CHR4:8768804	SSF x LoA	-9,22825212	-0,064	0,304
CHR4	8770830	CHR4:8770830	SSF x LoA	-9,96432388	-0,047	0,305
CHR4	8770833	CHR4:8770833	SSF x LoA	-10,2641364	-0,074	0,305
CHR4	8774818	CHR4:8774818	SSF x LoA	-7,574786	-0,030	0,310
CHR4	8774843	CHR4:8774843	SSF x LoA	-8,75239415	-0,001	0,316
CHR4	8774900	CHR4:8774900	SSF x LoA	-6,97607456	-0,186	0,272
CHR4	8774955	CHR4:8774955	SSF x LoA	-7,65507776	-0,039	0,304
CHR4	8774956	CHR4:8774956	SSF x LoA	-11,3565103	0,065	0,302
CHR4	8775017	CHR4:8775017	SSF x LoA	-9,31237229	0,135	0,309
CHR4	8775031	CHR4:8775031	SSF x LoA	-10,6838641	-0,028	0,315
CHR4	8775052	CHR4:8775052	SSF x LoA	-9,83213268	0,032	0,313
CHR4	8775084	CHR4:8775084	SSF x LoA	-10,0241427	0,111	0,313
CHR4	8775092	CHR4:8775092	SSF x LoA	-8,75129236	0,031	0,295
CHR4	8775124	CHR4:8775124	SSF x LoA	-7,66070045	0,079	0,306
CHR4	8776706	CHR4:8776706	SSF x LoA	-9,38287556	0,058	0,305
CHR4	8788175	CHR4:8788175	SSF x LoA	-10,2629121	-0,029	0,309
CHR4	8788180	CHR4:8788180	SSF x LoA	-10,8801748	0,077	0,301
CHR4	8788200	CHR4:8788200	SSF x LoA	-11,5649592	-0,015	0,287
CHR4	8788228	CHR4:8788228	SSF x LoA	-10,1187881	0,022	0,302
CHR4	8788408	CHR4:8788408	SSF x LoA	0,96830393	0,094	0,301
CHR4	8789320	CHR4:8789320	SSF x LoA	-9,97335986	-0,011	0,300
CHR4	8789332	CHR4:8789332	SSF x LoA	-9,69450398	-0,014	0,309
CHR4	879455	CHR4:879455	SSF x LoA	-9,88830974	-0,106	0,309
CHR4	879676	CHR4:879676	SSF x LoA	-10,379737	0,031	0,304
CHR4	8808679	CHR4:8808679	SSF x LoA	-9,23017603	-0,100	0,300
CHR4	8808877	CHR4:8808877	SSF x LoA	-10,5309429	0,015	0,296
CHR4	8810404	CHR4:8810404	SSF x LoA	-9,54733761	0,151	0,302
CHR4	8810488	CHR4:8810488	SSF x LoA	-10,8750584	0,136	0,310
CHR4	8811245	CHR4:8811245	SSF x LoA	-10,8951001	0,125	0,306
CHR4	881382	CHR4:881382	SSF x LoA	-8,12298609	-0,162	0,306
CHR4	8814668	CHR4:8814668	SSF x LoA	-10,4033234	0,001	0,299
CHR4	8814887	CHR4:8814887	SSF x LoA	-7,90691891	-0,124	0,309
CHR4	8816759	CHR4:8816759	SSF x LoA	-9,84994689	0,136	0,295
CHR4	881871	CHR4:881871	SSF x LoA	-8,86929624	0,066	0,314
CHR4	8821219	CHR4:8821219	SSF x LoA	-9,0997472	-0,151	0,305
CHR4	8821344	CHR4:8821344	SSF x LoA	-11,1539159	0,047	0,301
CHR4	8821365	CHR4:8821365	SSF x LoA	-8,39768106	-0,003	0,305
CHR4	8823736	CHR4:8823736	SSF x LoA	-9,76828996	0,020	0,299
CHR4	8823803	CHR4:8823803	SSF x LoA	-11,2516722	0,070	0,295

CHR4	8832645	CHR4:8832645	SSF x LoA	-9,68121989	-0,013	0,309
CHR4	8835865	CHR4:8835865	SSF x LoA	-10,3248363	0,038	0,316
CHR4	8835911	CHR4:8835911	SSF x LoA	-7,22647039	0,040	0,302
CHR4	8836358	CHR4:8836358	SSF x LoA	-9,26615274	0,099	0,306
CHR4	8836368	CHR4:8836368	SSF x LoA	-11,7693186	-0,001	0,297
CHR4	8836374	CHR4:8836374	SSF x LoA	-7,07149811	-0,086	0,312
CHR4	8836377	CHR4:8836377	SSF x LoA	-10,8603667	-0,001	0,307
CHR4	8836382	CHR4:8836382	SSF x LoA	-7,65598006	0,095	0,298
CHR4	8840312	CHR4:8840312	SSF x LoA	-11,6124915	-0,068	0,294
CHR4	8840333	CHR4:8840333	SSF x LoA	-11,4160789	-0,075	0,300
CHR4	8846487	CHR4:8846487	SSF x LoA	-8,06512778	0,127	0,297
CHR4	8846960	CHR4:8846960	SSF x LoA	-6,42350214	-0,074	0,310
CHR4	8846990	CHR4:8846990	SSF x LoA	-11,0271585	0,065	0,307
CHR4	8847017	CHR4:8847017	SSF x LoA	-11,2741936	-0,078	0,297
CHR4	8847052	CHR4:8847052	SSF x LoA	-10,3663895	-0,065	0,302
CHR4	8847080	CHR4:8847080	SSF x LoA	-9,58714994	-0,186	0,296
CHR4	884786	CHR4:884786	SSF x LoA	-8,92423754	0,118	0,301
CHR4	884789	CHR4:884789	SSF x LoA	-8,48288375	0,096	0,296
CHR4	884790	CHR4:884790	SSF x LoA	-2,64742404	0,121	0,303
CHR4	8849867	CHR4:8849867	SSF x LoA	-11,7785644	-0,025	0,303
CHR4	8849884	CHR4:8849884	SSF x LoA	-11,1993325	0,010	0,305
CHR4	8849925	CHR4:8849925	SSF x LoA	-8,94906677	0,053	0,291
CHR4	8850535	CHR4:8850535	SSF x LoA	-6,26595715	-0,158	0,303
CHR4	8857593	CHR4:8857593	SSF x LoA	-9,93998138	-0,052	0,317
CHR4	8858296	CHR4:8858296	SSF x LoA	-10,5539578	-0,003	0,310
CHR4	8858635	CHR4:8858635	SSF x LoA	-7,71702537	-0,045	0,298
CHR4	8858637	CHR4:8858637	SSF x LoA	-8,62053913	0,052	0,318
CHR4	8865612	CHR4:8865612	SSF x LoA	-10,2647463	-0,005	0,309
CHR4	8868761	CHR4:8868761	SSF x LoA	-6,72720611	0,124	0,317
CHR4	8868782	CHR4:8868782	SSF x LoA	-8,32023596	0,036	0,309
CHR4	8868783	CHR4:8868783	SSF x LoA	-7,35591127	-0,138	0,302
CHR4	8868821	CHR4:8868821	SSF x LoA	-10,8144579	-0,027	0,309
CHR4	8868826	CHR4:8868826	SSF x LoA	-10,5770589	0,028	0,310
CHR4	8868829	CHR4:8868829	SSF x LoA	-8,81057965	0,002	0,318
CHR4	8868916	CHR4:8868916	SSF x LoA	-7,46900375	0,026	0,326
CHR4	8868951	CHR4:8868951	SSF x LoA	-9,54199604	-0,142	0,301
CHR4	8868955	CHR4:8868955	SSF x LoA	-11,4480138	-0,063	0,318
CHR4	8868961	CHR4:8868961	SSF x LoA	-8,63053744	0,027	0,305
CHR4	8868971	CHR4:8868971	SSF x LoA	-10,8146907	0,009	0,309
CHR4	8869001	CHR4:8869001	SSF x LoA	1,53386612	0,091	0,295
CHR4	8869005	CHR4:8869005	SSF x LoA	-11,3736991	-0,066	0,305
CHR4	8869018	CHR4:8869018	SSF x LoA	-10,1291677	0,006	0,304
CHR4	8869028	CHR4:8869028	SSF x LoA	-4,78039134	0,102	0,297
CHR4	8874467	CHR4:8874467	SSF x LoA	-5,79333941	0,148	0,300
CHR4	8874480	CHR4:8874480	SSF x LoA	-9,09675935	0,087	0,311
CHR4	8874532	CHR4:8874532	SSF x LoA	-11,4081676	0,039	0,319
CHR4	8874563	CHR4:8874563	SSF x LoA	-10,8213978	0,070	0,318
CHR4	8877301	CHR4:8877301	SSF x LoA	-8,03782909	-0,040	0,301
CHR4	8877313	CHR4:8877313	SSF x LoA	-8,77986086	-0,010	0,309
CHR4	8877349	CHR4:8877349	SSF x LoA	-8,28481868	-0,038	0,314
CHR4	8877376	CHR4:8877376	SSF x LoA	-9,91680237	-0,021	0,307
CHR4	8880442	CHR4:8880442	SSF x LoA	-11,7267973	-0,029	0,314
CHR4	8882864	CHR4:8882864	SSF x LoA	-10,899496	-0,109	0,295

CHR4	8882866	CHR4:8882866	SSF x LoA	-2,02545962	0,149	0,306
CHR4	8882917	CHR4:8882917	SSF x LoA	-11,4361105	-0,101	0,299
CHR4	8882935	CHR4:8882935	SSF x LoA	-10,7144697	-0,079	0,325
CHR4	8882970	CHR4:8882970	SSF x LoA	-8,12786125	0,087	0,309
CHR4	8882993	CHR4:8882993	SSF x LoA	-6,75855988	0,115	0,299
CHR4	8883028	CHR4:8883028	SSF x LoA	-9,83351815	-0,054	0,305
CHR4	8883145	CHR4:8883145	SSF x LoA	-9,15136801	-0,100	0,302
CHR4	8883174	CHR4:8883174	SSF x LoA	-11,2319848	0,061	0,300
CHR4	8896891	CHR4:8896891	SSF x LoA	-10,6078534	-0,056	0,300
CHR4	8897079	CHR4:8897079	SSF x LoA	-8,79563402	0,069	0,309
CHR4	8897105	CHR4:8897105	SSF x LoA	-6,66025537	-0,032	0,319
CHR4	8897145	CHR4:8897145	SSF x LoA	-6,7296236	-0,150	0,289
CHR4	8924490	CHR4:8924490	SSF x LoA	-8,62919821	0,004	0,311
CHR4	8924570	CHR4:8924570	SSF x LoA	-7,4785949	0,114	0,312
CHR4	8924647	CHR4:8924647	SSF x LoA	-9,87428944	-0,091	0,301
CHR4	8926016	CHR4:8926016	SSF x LoA	-10,0135096	-0,017	0,304
CHR4	8926068	CHR4:8926068	SSF x LoA	-8,27581982	-0,148	0,291
CHR4	8926580	CHR4:8926580	SSF x LoA	-8,55709983	-0,137	0,302
CHR4	8941790	CHR4:8941790	SSF x LoA	-10,2754312	0,042	0,302
CHR4	8941819	CHR4:8941819	SSF x LoA	-8,21709903	-0,004	0,293
CHR4	8941895	CHR4:8941895	SSF x LoA	-9,86203637	-0,162	0,287
CHR4	8941908	CHR4:8941908	SSF x LoA	-10,7724979	0,046	0,297
CHR4	8941919	CHR4:8941919	SSF x LoA	-10,13241	0,004	0,309
CHR4	8943585	CHR4:8943585	SSF x LoA	-7,28135285	-0,054	0,306
CHR4	8943865	CHR4:8943865	SSF x LoA	-7,53055715	0,001	0,315
CHR4	8943868	CHR4:8943868	SSF x LoA	-8,78758293	0,070	0,313
CHR4	8961979	CHR4:8961979	SSF x LoA	-8,26080035	0,118	0,304
CHR4	8964273	CHR4:8964273	SSF x LoA	-10,2250433	-0,034	0,320
CHR4	8964435	CHR4:8964435	SSF x LoA	-9,97726098	0,050	0,308
CHR4	8966016	CHR4:8966016	SSF x LoA	-9,71232622	-0,044	0,320
CHR4	8976867	CHR4:8976867	SSF x LoA	-9,44056908	0,052	0,291
CHR4	8976876	CHR4:8976876	SSF x LoA	-11,9893927	-0,042	0,303
CHR4	8988211	CHR4:8988211	SSF x LoA	-9,41487004	-0,078	0,293
CHR4	8988220	CHR4:8988220	SSF x LoA	-9,52639097	0,040	0,316
CHR4	8999512	CHR4:8999512	SSF x LoA	-9,16752776	-0,106	0,303
CHR4	8999614	CHR4:8999614	SSF x LoA	-9,62932688	0,029	0,304
CHR4	8999647	CHR4:8999647	SSF x LoA	-7,92104358	-0,096	0,313
CHR4	8999680	CHR4:8999680	SSF x LoA	-8,79613238	0,042	0,315
CHR4	9010294	CHR4:9010294	SSF x LoA	-9,14595175	0,020	0,320
CHR4	9010301	CHR4:9010301	SSF x LoA	-7,35662236	-0,045	0,300
CHR4	901036	CHR4:901036	SSF x LoA	-8,90523175	-0,005	0,288
CHR4	901058	CHR4:901058	SSF x LoA	-10,2884168	0,007	0,317
CHR4	901212	CHR4:901212	SSF x LoA	-8,77258083	-0,004	0,305
CHR4	9015130	CHR4:9015130	SSF x LoA	-4,39145008	0,144	0,297
CHR4	9015143	CHR4:9015143	SSF x LoA	-9,35240606	-0,002	0,324
CHR4	9015303	CHR4:9015303	SSF x LoA	-9,69349929	0,073	0,312
CHR4	9015331	CHR4:9015331	SSF x LoA	-7,51166852	0,142	0,306
CHR4	9015334	CHR4:9015334	SSF x LoA	-7,69237304	0,151	0,297
CHR4	9015379	CHR4:9015379	SSF x LoA	-9,24183586	-0,036	0,295
CHR4	9015380	CHR4:9015380	SSF x LoA	-8,544212	0,062	0,309
CHR4	9017739	CHR4:9017739	SSF x LoA	-10,2750091	0,066	0,314
CHR4	9017752	CHR4:9017752	SSF x LoA	-7,1896671	-0,067	0,312
CHR4	9017754	CHR4:9017754	SSF x LoA	-10,0745172	-0,043	0,315

CHR4	9017774	CHR4:9017774	SSF x LoA	-7,85124197	-0,149	0,318
CHR4	9017817	CHR4:9017817	SSF x LoA	-9,35090612	-0,022	0,310
CHR4	9018782	CHR4:9018782	SSF x LoA	-8,4003015	0,109	0,301
CHR4	9018882	CHR4:9018882	SSF x LoA	-9,95757379	-0,021	0,312
CHR4	9018928	CHR4:9018928	SSF x LoA	-9,28324351	0,074	0,301
CHR4	9018953	CHR4:9018953	SSF x LoA	-8,37374632	0,029	0,301
CHR4	9018974	CHR4:9018974	SSF x LoA	-6,62777345	0,120	0,292
CHR4	9018975	CHR4:9018975	SSF x LoA	-11,9392718	0,033	0,310
CHR4	9018979	CHR4:9018979	SSF x LoA	-6,3409356	0,019	0,320
CHR4	9020262	CHR4:9020262	SSF x LoA	-10,1931134	0,099	0,296
CHR4	9020340	CHR4:9020340	SSF x LoA	-9,26104173	0,081	0,308
CHR4	9020341	CHR4:9020341	SSF x LoA	-10,3798273	-0,013	0,294
CHR4	9020351	CHR4:9020351	SSF x LoA	-8,68898361	0,075	0,312
CHR4	9020360	CHR4:9020360	SSF x LoA	-9,97211603	0,012	0,296
CHR4	9026323	CHR4:9026323	SSF x LoA	-7,97863048	-0,144	0,320
CHR4	902670	CHR4:902670	SSF x LoA	-7,33563514	0,195	0,293
CHR4	9032999	CHR4:9032999	SSF x LoA	-10,1469887	0,002	0,314
CHR4	9033036	CHR4:9033036	SSF x LoA	-9,13076087	-0,020	0,313
CHR4	9033040	CHR4:9033040	SSF x LoA	-9,73661273	-0,049	0,308
CHR4	9033056	CHR4:9033056	SSF x LoA	-9,0733598	-0,043	0,298
CHR4	9036790	CHR4:9036790	SSF x LoA	-4,39812011	0,051	0,313
CHR4	9039750	CHR4:9039750	SSF x LoA	-8,63957275	-0,121	0,296
CHR4	9041405	CHR4:9041405	SSF x LoA	-11,5026722	-0,064	0,306
CHR4	9041440	CHR4:9041440	SSF x LoA	-5,11641199	-0,071	0,288
CHR4	9041441	CHR4:9041441	SSF x LoA	-9,37957653	-0,068	0,302
CHR4	9041444	CHR4:9041444	SSF x LoA	-9,06177706	0,058	0,304
CHR4	9041464	CHR4:9041464	SSF x LoA	-8,07125474	-0,112	0,302
CHR4	9041473	CHR4:9041473	SSF x LoA	-4,54549255	-0,145	0,287
CHR4	9041492	CHR4:9041492	SSF x LoA	-6,8628587	0,106	0,310
CHR4	9041511	CHR4:9041511	SSF x LoA	-8,73177722	0,095	0,303
CHR4	9041512	CHR4:9041512	SSF x LoA	-9,01904763	0,097	0,312
CHR4	9041557	CHR4:9041557	SSF x LoA	-6,61081774	0,158	0,299
CHR4	9041575	CHR4:9041575	SSF x LoA	-10,3265152	-0,090	0,315
CHR4	9041598	CHR4:9041598	SSF x LoA	-6,24761614	0,195	0,311
CHR4	9046139	CHR4:9046139	SSF x LoA	-9,17780164	0,010	0,309
CHR4	9046183	CHR4:9046183	SSF x LoA	-8,34885377	0,077	0,300
CHR4	9049564	CHR4:9049564	SSF x LoA	-9,63311065	-0,068	0,302
CHR4	9049614	CHR4:9049614	SSF x LoA	-10,5157137	0,032	0,305
CHR4	9049741	CHR4:9049741	SSF x LoA	-9,89873591	0,096	0,297
CHR4	9049744	CHR4:9049744	SSF x LoA	-8,38937655	0,013	0,314
CHR4	9049767	CHR4:9049767	SSF x LoA	-7,22663074	0,209	0,285
CHR4	9055897	CHR4:9055897	SSF x LoA	-7,56587735	-0,136	0,302
CHR4	9059890	CHR4:9059890	SSF x LoA	-6,59045339	0,142	0,302
CHR4	9061217	CHR4:9061217	SSF x LoA	-8,95778924	-0,017	0,315
CHR4	9061394	CHR4:9061394	SSF x LoA	-10,8753585	0,006	0,307
CHR4	9062449	CHR4:9062449	SSF x LoA	-9,38399486	0,018	0,311
CHR4	9062645	CHR4:9062645	SSF x LoA	-11,8841456	0,010	0,289
CHR4	9062648	CHR4:9062648	SSF x LoA	-8,48705064	0,091	0,302
CHR4	9063293	CHR4:9063293	SSF x LoA	-10,7545861	0,070	0,300
CHR4	9063310	CHR4:9063310	SSF x LoA	-9,90660559	0,035	0,308
CHR4	9070786	CHR4:9070786	SSF x LoA	-9,297745	0,002	0,321
CHR4	9070909	CHR4:9070909	SSF x LoA	-9,5146855	-0,068	0,291
CHR4	9070925	CHR4:9070925	SSF x LoA	-9,56612669	-0,015	0,312

CHR4	9070934	CHR4:9070934	SSF x LoA	-9,35790074	-0,043	0,297
CHR4	9082795	CHR4:9082795	SSF x LoA	-8,37234916	0,066	0,304
CHR4	9082839	CHR4:9082839	SSF x LoA	-10,2871095	-0,099	0,309
CHR4	9082875	CHR4:9082875	SSF x LoA	-11,2129123	-0,053	0,304
CHR4	9082940	CHR4:9082940	SSF x LoA	-7,00076402	0,136	0,309
CHR4	9082992	CHR4:9082992	SSF x LoA	-11,1436162	0,015	0,313
CHR4	9083060	CHR4:9083060	SSF x LoA	-7,99660489	0,084	0,304
CHR4	9089612	CHR4:9089612	SSF x LoA	-5,48191873	0,085	0,306
CHR4	9089613	CHR4:9089613	SSF x LoA	-9,11858473	-0,062	0,318
CHR4	9092286	CHR4:9092286	SSF x LoA	-9,1183952	-0,067	0,305
CHR4	9092329	CHR4:9092329	SSF x LoA	-9,65012625	-0,100	0,309
CHR4	9092384	CHR4:9092384	SSF x LoA	-10,185903	-0,090	0,311
CHR4	9099237	CHR4:9099237	SSF x LoA	-9,07630732	0,024	0,322
CHR4	9104040	CHR4:9104040	SSF x LoA	-11,0783788	-0,006	0,307
CHR4	9104116	CHR4:9104116	SSF x LoA	-10,7443075	0,033	0,286
CHR4	9104303	CHR4:9104303	SSF x LoA	-10,9246354	0,078	0,304
CHR4	9109874	CHR4:9109874	SSF x LoA	-7,77592357	-0,125	0,308
CHR4	9109876	CHR4:9109876	SSF x LoA	-7,91481375	-0,132	0,308
CHR4	9109922	CHR4:9109922	SSF x LoA	-9,82958938	-0,010	0,310
CHR4	9109937	CHR4:9109937	SSF x LoA	-11,997267	0,008	0,287
CHR4	9109952	CHR4:9109952	SSF x LoA	-2,62958982	0,225	0,310
CHR4	9109965	CHR4:9109965	SSF x LoA	-9,62647331	0,018	0,304
CHR4	9114975	CHR4:9114975	SSF x LoA	-10,9284731	0,027	0,315
CHR4	912379	CHR4:912379	SSF x LoA	-8,21556709	-0,048	0,300
CHR4	9124963	CHR4:9124963	SSF x LoA	-3,125301	0,148	0,305
CHR4	9125001	CHR4:9125001	SSF x LoA	-9,02255673	-0,053	0,316
CHR4	9144983	CHR4:9144983	SSF x LoA	-8,01413963	-0,039	0,302
CHR4	9145013	CHR4:9145013	SSF x LoA	-8,48182177	-0,082	0,303
CHR4	9145083	CHR4:9145083	SSF x LoA	-8,44400011	0,066	0,321
CHR4	9145097	CHR4:9145097	SSF x LoA	-9,2844467	-0,074	0,305
CHR4	9153441	CHR4:9153441	SSF x LoA	-5,23483821	0,114	0,302
CHR4	9153541	CHR4:9153541	SSF x LoA	-9,60594813	-0,005	0,312
CHR4	9166019	CHR4:9166019	SSF x LoA	-5,90216757	-0,103	0,307
CHR4	9166030	CHR4:9166030	SSF x LoA	-6,34292247	-0,144	0,301
CHR4	9166205	CHR4:9166205	SSF x LoA	-7,42042661	0,042	0,306
CHR4	9175107	CHR4:9175107	SSF x LoA	-7,96831223	0,013	0,308
CHR4	9175108	CHR4:9175108	SSF x LoA	-9,48110274	0,047	0,314
CHR4	9175134	CHR4:9175134	SSF x LoA	-9,23633472	0,103	0,310
CHR4	9175170	CHR4:9175170	SSF x LoA	-5,30223303	-0,203	0,295
CHR4	9175187	CHR4:9175187	SSF x LoA	-8,80069073	-0,050	0,300
CHR4	9175357	CHR4:9175357	SSF x LoA	-10,2466626	0,026	0,311
CHR4	9180171	CHR4:9180171	SSF x LoA	-7,25751044	-0,103	0,315
CHR4	9180188	CHR4:9180188	SSF x LoA	-8,62850132	0,040	0,311
CHR4	9180211	CHR4:9180211	SSF x LoA	-9,81839962	0,137	0,297
CHR4	9180254	CHR4:9180254	SSF x LoA	-10,2424354	0,117	0,295
CHR4	9185201	CHR4:9185201	SSF x LoA	-9,44540508	-0,040	0,304
CHR4	9185366	CHR4:9185366	SSF x LoA	-9,31845909	0,023	0,311
CHR4	9193008	CHR4:9193008	SSF x LoA	-8,17872849	-0,014	0,319
CHR4	9193023	CHR4:9193023	SSF x LoA	-10,9540672	-0,010	0,314
CHR4	9193047	CHR4:9193047	SSF x LoA	-9,93292799	-0,016	0,308
CHR4	9193079	CHR4:9193079	SSF x LoA	-9,38418771	0,020	0,313
CHR4	9193110	CHR4:9193110	SSF x LoA	-8,43722959	-0,003	0,299
CHR4	9194618	CHR4:9194618	SSF x LoA	-10,7170828	0,020	0,310

CHR4	9194623	CHR4:9194623	SSF x LoA	-9,97447643	0,050	0,310
CHR4	9194749	CHR4:9194749	SSF x LoA	-11,5778873	0,099	0,292
CHR4	9194794	CHR4:9194794	SSF x LoA	-11,203033	0,079	0,311
CHR4	9196490	CHR4:9196490	SSF x LoA	-9,09682785	-0,008	0,302
CHR4	9196503	CHR4:9196503	SSF x LoA	-11,3850698	0,047	0,301
CHR4	9196611	CHR4:9196611	SSF x LoA	-11,9905395	0,078	0,306
CHR4	9196655	CHR4:9196655	SSF x LoA	-9,92253538	0,068	0,308
CHR4	9213843	CHR4:9213843	SSF x LoA	-5,66236953	-0,010	0,321
CHR4	9213845	CHR4:9213845	SSF x LoA	-8,19049748	-0,110	0,307
CHR4	9213923	CHR4:9213923	SSF x LoA	-8,89983503	-0,036	0,314
CHR4	9217070	CHR4:9217070	SSF x LoA	-8,67762796	-0,010	0,301
CHR4	9218415	CHR4:9218415	SSF x LoA	-11,0684187	0,048	0,306
CHR4	9222152	CHR4:9222152	SSF x LoA	-6,38079247	-0,156	0,296
CHR4	9222186	CHR4:9222186	SSF x LoA	-10,5568348	-0,033	0,299
CHR4	9222187	CHR4:9222187	SSF x LoA	-11,1468907	-0,014	0,301
CHR4	9222209	CHR4:9222209	SSF x LoA	-8,93555445	0,136	0,311
CHR4	9222288	CHR4:9222288	SSF x LoA	-11,6993868	-0,074	0,286
CHR4	9222312	CHR4:9222312	SSF x LoA	-10,0872518	0,022	0,315
CHR4	9222347	CHR4:9222347	SSF x LoA	-10,1470833	-0,044	0,299
CHR4	9222455	CHR4:9222455	SSF x LoA	-11,8349061	0,031	0,306
CHR4	923278	CHR4:923278	SSF x LoA	-10,9795664	0,004	0,312
CHR4	923675	CHR4:923675	SSF x LoA	-10,2206173	0,008	0,311
CHR4	9243785	CHR4:9243785	SSF x LoA	-9,71402396	-0,049	0,301
CHR4	9243873	CHR4:9243873	SSF x LoA	-7,98491178	0,122	0,319
CHR4	9254387	CHR4:9254387	SSF x LoA	-10,3522332	-0,091	0,308
CHR4	9254407	CHR4:9254407	SSF x LoA	-9,3479192	0,154	0,308
CHR4	9254435	CHR4:9254435	SSF x LoA	-8,8650549	-0,049	0,312
CHR4	9254455	CHR4:9254455	SSF x LoA	-6,0369491	0,165	0,294
CHR4	9254660	CHR4:9254660	SSF x LoA	-8,16333845	-0,065	0,313
CHR4	9256158	CHR4:9256158	SSF x LoA	-11,4597829	0,039	0,301
CHR4	9256235	CHR4:9256235	SSF x LoA	-11,5077888	-0,028	0,300
CHR4	9256660	CHR4:9256660	SSF x LoA	-7,70925716	-0,073	0,317
CHR4	9256669	CHR4:9256669	SSF x LoA	-8,01395393	0,084	0,296
CHR4	9256674	CHR4:9256674	SSF x LoA	-8,56212596	0,095	0,301
CHR4	9256723	CHR4:9256723	SSF x LoA	-7,3719675	0,165	0,290
CHR4	927047	CHR4:927047	SSF x LoA	-9,35528918	-0,060	0,301
CHR4	9277300	CHR4:9277300	SSF x LoA	-9,62920348	-0,011	0,311
CHR4	9278869	CHR4:9278869	SSF x LoA	-11,3894401	-0,043	0,297
CHR4	9278912	CHR4:9278912	SSF x LoA	-9,35288464	-0,076	0,299
CHR4	9278917	CHR4:9278917	SSF x LoA	-7,62165749	0,034	0,314
CHR4	9278930	CHR4:9278930	SSF x LoA	-7,86011808	-0,107	0,283
CHR4	9287370	CHR4:9287370	SSF x LoA	-7,31560762	-0,064	0,319
CHR4	9287429	CHR4:9287429	SSF x LoA	-9,85583336	-0,048	0,305
CHR4	9287468	CHR4:9287468	SSF x LoA	-9,54010735	-0,093	0,310
CHR4	9290959	CHR4:9290959	SSF x LoA	-10,6591507	0,091	0,312
CHR4	9290980	CHR4:9290980	SSF x LoA	-7,34916236	-0,070	0,310
CHR4	9290993	CHR4:9290993	SSF x LoA	-6,51880256	-0,030	0,305
CHR4	9291024	CHR4:9291024	SSF x LoA	-2,20256161	-0,099	0,298
CHR4	9296908	CHR4:9296908	SSF x LoA	-10,527258	0,013	0,312
CHR4	9296911	CHR4:9296911	SSF x LoA	-8,36204597	0,068	0,303
CHR4	9296959	CHR4:9296959	SSF x LoA	-5,94749929	0,072	0,305
CHR4	9296975	CHR4:9296975	SSF x LoA	-7,58229964	0,104	0,301
CHR4	9296994	CHR4:9296994	SSF x LoA	-8,78757201	0,121	0,300

CHR4	9297046	CHR4:9297046	SSF x LoA	-9,2001722	0,047	0,301
CHR4	9300051	CHR4:9300051	SSF x LoA	-6,3718683	0,193	0,311
CHR4	9300107	CHR4:9300107	SSF x LoA	-10,1401069	-0,082	0,324
CHR4	9301999	CHR4:9301999	SSF x LoA	-7,74318209	-0,095	0,303
CHR4	9302017	CHR4:9302017	SSF x LoA	-9,2923193	0,047	0,309
CHR4	9302035	CHR4:9302035	SSF x LoA	-10,8381605	-0,003	0,318
CHR4	9302073	CHR4:9302073	SSF x LoA	-10,4422605	0,009	0,307
CHR4	9302094	CHR4:9302094	SSF x LoA	-7,49841763	0,046	0,305
CHR4	9302244	CHR4:9302244	SSF x LoA	-9,02938872	0,084	0,302
CHR4	9306515	CHR4:9306515	SSF x LoA	-7,76378694	0,138	0,292
CHR4	9306519	CHR4:9306519	SSF x LoA	-10,183116	0,126	0,308
CHR4	9306786	CHR4:9306786	SSF x LoA	-11,1381825	-0,020	0,311
CHR4	9306809	CHR4:9306809	SSF x LoA	-8,99422538	-0,192	0,291
CHR4	9306819	CHR4:9306819	SSF x LoA	-10,4431299	0,045	0,315
CHR4	9314370	CHR4:9314370	SSF x LoA	-10,4865243	-0,031	0,304
CHR4	9319987	CHR4:9319987	SSF x LoA	-11,587602	0,009	0,298
CHR4	9320712	CHR4:9320712	SSF x LoA	-10,7703924	0,056	0,310
CHR4	9325324	CHR4:9325324	SSF x LoA	-10,2927202	0,047	0,312
CHR4	9325709	CHR4:9325709	SSF x LoA	-7,90675037	-0,098	0,292
CHR4	9342685	CHR4:9342685	SSF x LoA	-7,7667743	0,077	0,311
CHR4	9342696	CHR4:9342696	SSF x LoA	-8,50602948	0,059	0,309
CHR4	9342912	CHR4:9342912	SSF x LoA	-9,54285463	0,036	0,301
CHR4	9348662	CHR4:9348662	SSF x LoA	-8,36328652	-0,027	0,316
CHR4	9348669	CHR4:9348669	SSF x LoA	-10,254234	0,127	0,297
CHR4	9348695	CHR4:9348695	SSF x LoA	-11,1059203	0,055	0,322
CHR4	9348752	CHR4:9348752	SSF x LoA	-8,35494685	0,147	0,298
CHR4	9348832	CHR4:9348832	SSF x LoA	-10,1969576	-0,009	0,310
CHR4	9348842	CHR4:9348842	SSF x LoA	-9,48313282	-0,066	0,314
CHR4	9348845	CHR4:9348845	SSF x LoA	-12,1132385	-0,022	0,298
CHR4	9348862	CHR4:9348862	SSF x LoA	-10,2300751	-0,040	0,313
CHR4	9364142	CHR4:9364142	SSF x LoA	-10,6718985	0,147	0,293
CHR4	9364316	CHR4:9364316	SSF x LoA	-8,63844169	0,121	0,307
CHR4	9364398	CHR4:9364398	SSF x LoA	-9,77234767	0,042	0,294
CHR4	9387401	CHR4:9387401	SSF x LoA	-7,5562636	-0,123	0,308
CHR4	9389464	CHR4:9389464	SSF x LoA	-11,7375518	0,005	0,314
CHR4	9389491	CHR4:9389491	SSF x LoA	-2,57219588	0,114	0,295
CHR4	9389586	CHR4:9389586	SSF x LoA	-8,09012874	-0,085	0,310
CHR4	9389587	CHR4:9389587	SSF x LoA	-11,0804735	0,099	0,308
CHR4	9395763	CHR4:9395763	SSF x LoA	-11,8118643	-0,026	0,317
CHR4	9401379	CHR4:9401379	SSF x LoA	-9,65495725	-0,021	0,318
CHR4	9401587	CHR4:9401587	SSF x LoA	-8,44405514	0,025	0,299
CHR4	9401591	CHR4:9401591	SSF x LoA	-9,40526792	0,050	0,299
CHR4	9416128	CHR4:9416128	SSF x LoA	-9,84179256	-0,127	0,313
CHR4	9423811	CHR4:9423811	SSF x LoA	-11,0139539	-0,109	0,302
CHR4	9426945	CHR4:9426945	SSF x LoA	-7,7544822	0,080	0,313
CHR4	9426971	CHR4:9426971	SSF x LoA	-7,06363743	0,113	0,300
CHR4	9426972	CHR4:9426972	SSF x LoA	-8,25324329	-0,032	0,305
CHR4	9426973	CHR4:9426973	SSF x LoA	-8,93709215	-0,060	0,295
CHR4	9426986	CHR4:9426986	SSF x LoA	-9,46885669	0,055	0,298
CHR4	9426989	CHR4:9426989	SSF x LoA	-8,12528798	-0,002	0,311
CHR4	9430136	CHR4:9430136	SSF x LoA	-7,89573175	0,016	0,314
CHR4	9430153	CHR4:9430153	SSF x LoA	-9,07045464	0,076	0,304
CHR4	9430160	CHR4:9430160	SSF x LoA	-8,92166187	0,032	0,316

CHR4	9430197	CHR4:9430197	SSF x LoA	-9,29794308	-0,011	0,317
CHR4	9430198	CHR4:9430198	SSF x LoA	-10,9836691	-0,031	0,320
CHR4	9430222	CHR4:9430222	SSF x LoA	-11,7412746	0,016	0,305
CHR4	9430232	CHR4:9430232	SSF x LoA	-5,15435409	0,102	0,297
CHR4	9430266	CHR4:9430266	SSF x LoA	-10,1009695	-0,096	0,303
CHR4	9430320	CHR4:9430320	SSF x LoA	-6,85974942	0,088	0,310
CHR4	9448478	CHR4:9448478	SSF x LoA	-10,1154002	-0,083	0,301
CHR4	9448634	CHR4:9448634	SSF x LoA	-6,83251017	0,113	0,299
CHR4	9452164	CHR4:9452164	SSF x LoA	-12,0574578	0,021	0,309
CHR4	9452174	CHR4:9452174	SSF x LoA	-10,8856842	-0,005	0,312
CHR4	9452189	CHR4:9452189	SSF x LoA	-10,110428	-0,090	0,310
CHR4	9452222	CHR4:9452222	SSF x LoA	-9,13080633	-0,081	0,302
CHR4	9462728	CHR4:9462728	SSF x LoA	-8,63871778	0,009	0,308
CHR4	9462737	CHR4:9462737	SSF x LoA	-10,0218104	-0,105	0,289
CHR4	9462752	CHR4:9462752	SSF x LoA	-10,1885484	-0,046	0,297
CHR4	9462815	CHR4:9462815	SSF x LoA	-9,30571317	-0,093	0,307
CHR4	9462818	CHR4:9462818	SSF x LoA	-10,5194259	-0,004	0,305
CHR4	9462829	CHR4:9462829	SSF x LoA	-10,693665	-0,064	0,302
CHR4	9462838	CHR4:9462838	SSF x LoA	-8,96554502	-0,124	0,304
CHR4	9462944	CHR4:9462944	SSF x LoA	-10,2352497	0,032	0,310
CHR4	9462990	CHR4:9462990	SSF x LoA	-2,3523406	-0,034	0,315
CHR4	9462991	CHR4:9462991	SSF x LoA	-11,171834	-0,077	0,302
CHR4	9471296	CHR4:9471296	SSF x LoA	-11,8581707	0,055	0,302
CHR4	9471330	CHR4:9471330	SSF x LoA	-11,4550944	0,031	0,295
CHR4	9471370	CHR4:9471370	SSF x LoA	-10,0262056	-0,129	0,311
CHR4	9471493	CHR4:9471493	SSF x LoA	-9,84362314	-0,014	0,310
CHR4	9471533	CHR4:9471533	SSF x LoA	-9,40603882	0,014	0,303
CHR4	9481186	CHR4:9481186	SSF x LoA	-9,46233533	0,164	0,303
CHR4	9481227	CHR4:9481227	SSF x LoA	-8,84998214	0,036	0,309
CHR4	9481256	CHR4:9481256	SSF x LoA	-9,26965925	0,078	0,288
CHR4	9487220	CHR4:9487220	SSF x LoA	-10,719633	-0,105	0,296
CHR4	9487247	CHR4:9487247	SSF x LoA	-9,5034619	-0,034	0,322
CHR4	9487268	CHR4:9487268	SSF x LoA	-10,0295148	-0,097	0,296
CHR4	9487347	CHR4:9487347	SSF x LoA	-7,54687762	0,197	0,304
CHR4	9487350	CHR4:9487350	SSF x LoA	-6,74983339	-0,092	0,314
CHR4	9487374	CHR4:9487374	SSF x LoA	-11,2684312	0,013	0,300
CHR4	9487413	CHR4:9487413	SSF x LoA	-10,1840673	0,109	0,310
CHR4	9494730	CHR4:9494730	SSF x LoA	-10,3379111	-0,097	0,310
CHR4	9494744	CHR4:9494744	SSF x LoA	-8,78384091	-0,019	0,309
CHR4	9494752	CHR4:9494752	SSF x LoA	-8,8658403	0,067	0,312
CHR4	9494883	CHR4:9494883	SSF x LoA	-2,28305666	-0,034	0,321
CHR4	9494908	CHR4:9494908	SSF x LoA	-9,44274799	-0,033	0,306
CHR4	9494935	CHR4:9494935	SSF x LoA	-7,8089433	-0,152	0,308
CHR4	9496370	CHR4:9496370	SSF x LoA	-10,8022794	0,027	0,313
CHR4	9496450	CHR4:9496450	SSF x LoA	-9,36562409	0,020	0,318
CHR4	9496525	CHR4:9496525	SSF x LoA	-9,1382191	-0,171	0,299
CHR4	9496535	CHR4:9496535	SSF x LoA	-11,0229276	0,067	0,300
CHR4	9496555	CHR4:9496555	SSF x LoA	-11,8148719	0,076	0,306
CHR4	9496566	CHR4:9496566	SSF x LoA	-6,72631183	0,176	0,286
CHR4	9496567	CHR4:9496567	SSF x LoA	-7,57322091	0,054	0,305
CHR4	9504845	CHR4:9504845	SSF x LoA	-10,6762958	0,050	0,313
CHR4	9504847	CHR4:9504847	SSF x LoA	-10,3618911	0,003	0,305
CHR4	9504849	CHR4:9504849	SSF x LoA	-8,09277905	0,101	0,305

CHR4	9504909	CHR4:9504909	SSF x LoA	-8,54448938	-0,073	0,297
CHR4	9504910	CHR4:9504910	SSF x LoA	-8,61853767	0,067	0,304
CHR4	9504990	CHR4:9504990	SSF x LoA	-10,7180643	-0,008	0,299
CHR4	9504993	CHR4:9504993	SSF x LoA	-11,4422924	0,039	0,308
CHR4	9505051	CHR4:9505051	SSF x LoA	-11,631155	-0,020	0,311
CHR4	9505100	CHR4:9505100	SSF x LoA	-10,0499711	-0,030	0,318
CHR4	9509003	CHR4:9509003	SSF x LoA	-10,6994694	0,007	0,313
CHR4	9509053	CHR4:9509053	SSF x LoA	-9,91584755	0,108	0,292
CHR4	9509054	CHR4:9509054	SSF x LoA	-9,57216916	-0,109	0,301
CHR4	9509058	CHR4:9509058	SSF x LoA	-9,61780448	0,072	0,315
CHR4	9512630	CHR4:9512630	SSF x LoA	-10,74725	0,021	0,304
CHR4	9512724	CHR4:9512724	SSF x LoA	-6,91303369	0,058	0,307
CHR4	9512730	CHR4:9512730	SSF x LoA	-9,09087668	-0,013	0,303
CHR4	9515529	CHR4:9515529	SSF x LoA	-9,92144362	-0,003	0,310
CHR4	9515549	CHR4:9515549	SSF x LoA	-9,81885359	-0,049	0,296
CHR4	9515618	CHR4:9515618	SSF x LoA	-7,10319638	-0,171	0,284
CHR4	9516754	CHR4:9516754	SSF x LoA	-9,63124718	-0,062	0,289
CHR4	9516782	CHR4:9516782	SSF x LoA	-10,2257988	-0,026	0,322
CHR4	9516792	CHR4:9516792	SSF x LoA	-8,93672343	0,081	0,324
CHR4	9516793	CHR4:9516793	SSF x LoA	-9,58168448	0,002	0,327
CHR4	9516804	CHR4:9516804	SSF x LoA	-9,08261823	0,064	0,327
CHR4	9568787	CHR4:9568787	SSF x LoA	-10,1762451	-0,079	0,304
CHR4	9569666	CHR4:9569666	SSF x LoA	-10,7514559	0,032	0,316
CHR4	9569864	CHR4:9569864	SSF x LoA	-10,1830691	-0,008	0,294
CHR4	9569939	CHR4:9569939	SSF x LoA	-8,96802723	-0,080	0,309
CHR4	9577518	CHR4:9577518	SSF x LoA	-7,98123877	-0,137	0,295
CHR4	9587877	CHR4:9587877	SSF x LoA	-9,98154346	0,074	0,304
CHR4	9587930	CHR4:9587930	SSF x LoA	-9,28347235	0,098	0,307
CHR4	9588028	CHR4:9588028	SSF x LoA	-8,12469538	-0,024	0,304
CHR4	9588063	CHR4:9588063	SSF x LoA	-9,29940468	0,064	0,297
CHR4	9588067	CHR4:9588067	SSF x LoA	-9,29235355	0,056	0,301
CHR4	9588068	CHR4:9588068	SSF x LoA	-10,2514559	-0,055	0,295
CHR4	9588077	CHR4:9588077	SSF x LoA	-7,96641633	-0,094	0,314
CHR4	9588079	CHR4:9588079	SSF x LoA	-9,39831551	-0,066	0,299
CHR4	9588094	CHR4:9588094	SSF x LoA	-8,19406364	0,107	0,297
CHR4	9588103	CHR4:9588103	SSF x LoA	-9,56789002	0,011	0,310
CHR4	9588105	CHR4:9588105	SSF x LoA	-9,81282952	-0,022	0,312
CHR4	9588110	CHR4:9588110	SSF x LoA	-10,0832574	0,058	0,307
CHR4	9588114	CHR4:9588114	SSF x LoA	-8,18487376	0,067	0,299
CHR4	9588123	CHR4:9588123	SSF x LoA	-10,489939	-0,061	0,291
CHR4	9607292	CHR4:9607292	SSF x LoA	-10,2245731	0,036	0,301
CHR4	9607293	CHR4:9607293	SSF x LoA	-8,5586429	0,060	0,308
CHR4	9607752	CHR4:9607752	SSF x LoA	-9,52356461	-0,019	0,312
CHR4	9609646	CHR4:9609646	SSF x LoA	-7,02256527	-0,113	0,309
CHR4	9609656	CHR4:9609656	SSF x LoA	-10,2575157	0,124	0,303
CHR4	9609701	CHR4:9609701	SSF x LoA	-9,3523883	0,049	0,299
CHR4	9609712	CHR4:9609712	SSF x LoA	-11,1059399	-0,009	0,302
CHR4	9645609	CHR4:9645609	SSF x LoA	-9,11127606	-0,149	0,297
CHR4	9647453	CHR4:9647453	SSF x LoA	-9,84215183	-0,032	0,321
CHR4	9647492	CHR4:9647492	SSF x LoA	-8,80906847	0,059	0,310
CHR4	9647523	CHR4:9647523	SSF x LoA	-7,04579789	-0,017	0,314
CHR4	9647571	CHR4:9647571	SSF x LoA	-9,61445126	-0,041	0,309
CHR4	9647576	CHR4:9647576	SSF x LoA	-10,5923791	-0,048	0,305

CHR4	9654970	CHR4:9654970	SSF x LoA	-2,38107788	0,114	0,311
CHR4	9655039	CHR4:9655039	SSF x LoA	-9,39923584	0,063	0,318
CHR4	9655057	CHR4:9655057	SSF x LoA	-8,18656023	-0,133	0,321
CHR4	9655252	CHR4:9655252	SSF x LoA	-11,2403319	0,012	0,300
CHR4	9655262	CHR4:9655262	SSF x LoA	-11,0582145	0,009	0,304
CHR4	9664071	CHR4:9664071	SSF x LoA	-9,73731612	-0,032	0,310
CHR4	9664096	CHR4:9664096	SSF x LoA	-8,18222818	-0,042	0,312
CHR4	9664098	CHR4:9664098	SSF x LoA	-10,2137749	0,009	0,329
CHR4	9664104	CHR4:9664104	SSF x LoA	-10,05337	0,084	0,297
CHR4	9664176	CHR4:9664176	SSF x LoA	-8,79673368	-0,024	0,314
CHR4	9664193	CHR4:9664193	SSF x LoA	-8,48428701	-0,007	0,315
CHR4	9664241	CHR4:9664241	SSF x LoA	-9,74807625	-0,054	0,306
CHR4	9666155	CHR4:9666155	SSF x LoA	-9,98412291	-0,015	0,328
CHR4	9666223	CHR4:9666223	SSF x LoA	-11,2263896	-0,042	0,298
CHR4	9666334	CHR4:9666334	SSF x LoA	-8,42129634	-0,139	0,295
CHR4	9681240	CHR4:9681240	SSF x LoA	-11,1517287	0,049	0,310
CHR4	9692107	CHR4:9692107	SSF x LoA	-8,59247145	0,183	0,310
CHR4	9698781	CHR4:9698781	SSF x LoA	-10,0638993	0,023	0,305
CHR4	9698855	CHR4:9698855	SSF x LoA	-9,48437378	-0,060	0,312
CHR4	9699489	CHR4:9699489	SSF x LoA	-9,55163171	-0,001	0,298
CHR4	9699510	CHR4:9699510	SSF x LoA	-7,67476267	-0,021	0,301
CHR4	9699519	CHR4:9699519	SSF x LoA	-9,20812084	-0,006	0,294
CHR4	9729462	CHR4:9729462	SSF x LoA	-6,29344975	0,144	0,298
CHR4	9729520	CHR4:9729520	SSF x LoA	-10,4286663	-0,032	0,311
CHR4	9729585	CHR4:9729585	SSF x LoA	-11,217793	-0,002	0,299
CHR4	973705	CHR4:973705	SSF x LoA	-9,86907993	0,041	0,317
CHR4	9745359	CHR4:9745359	SSF x LoA	-11,9635142	0,019	0,316
CHR4	9754913	CHR4:9754913	SSF x LoA	-8,45422214	0,115	0,301
CHR4	9754960	CHR4:9754960	SSF x LoA	-7,9917746	0,087	0,298
CHR4	9754961	CHR4:9754961	SSF x LoA	-8,9291304	0,092	0,292
CHR4	9754963	CHR4:9754963	SSF x LoA	-9,3794649	0,095	0,307
CHR4	9754964	CHR4:9754964	SSF x LoA	-8,73526955	0,120	0,302
CHR4	9754966	CHR4:9754966	SSF x LoA	-8,43303577	0,104	0,290
CHR4	9754986	CHR4:9754986	SSF x LoA	-8,20332293	0,046	0,307
CHR4	9754999	CHR4:9754999	SSF x LoA	-5,35969475	-0,030	0,306
CHR4	9771240	CHR4:9771240	SSF x LoA	-8,12903876	-0,181	0,286
CHR4	9771269	CHR4:9771269	SSF x LoA	-3,45872864	0,234	0,299
CHR4	9771308	CHR4:9771308	SSF x LoA	-10,9371968	-0,052	0,325
CHR4	9771402	CHR4:9771402	SSF x LoA	-10,7063029	-0,056	0,315
CHR4	9771414	CHR4:9771414	SSF x LoA	-9,8455906	-0,058	0,304
CHR4	9771416	CHR4:9771416	SSF x LoA	-10,4432736	0,021	0,291
CHR4	977363	CHR4:977363	SSF x LoA	-8,63115516	-0,027	0,318
CHR4	9778607	CHR4:9778607	SSF x LoA	-9,35419274	0,073	0,304
CHR4	9781415	CHR4:9781415	SSF x LoA	-7,11009264	0,148	0,311
CHR4	9784943	CHR4:9784943	SSF x LoA	-7,56314375	0,041	0,309
CHR4	9784948	CHR4:9784948	SSF x LoA	-9,33275992	-0,081	0,303
CHR4	9785047	CHR4:9785047	SSF x LoA	2,51067665	-0,078	0,315
CHR4	9785062	CHR4:9785062	SSF x LoA	-9,05106161	-0,072	0,312
CHR4	9785071	CHR4:9785071	SSF x LoA	-8,79193593	-0,023	0,314
CHR4	9785115	CHR4:9785115	SSF x LoA	-8,09543993	-0,082	0,303
CHR4	9790668	CHR4:9790668	SSF x LoA	-8,74029067	-0,068	0,315
CHR4	9790695	CHR4:9790695	SSF x LoA	-8,68491236	-0,084	0,307
CHR4	9798651	CHR4:9798651	SSF x LoA	-10,873155	-0,040	0,324

CHR4	9798657	CHR4:9798657	SSF x LoA	-9,00390727	-0,047	0,305
CHR4	9800779	CHR4:9800779	SSF x LoA	-4,16619424	0,105	0,301
CHR4	9800822	CHR4:9800822	SSF x LoA	-8,94199471	0,047	0,303
CHR4	9800826	CHR4:9800826	SSF x LoA	-8,82843149	-0,106	0,307
CHR4	9800885	CHR4:9800885	SSF x LoA	-10,685904	-0,003	0,309
CHR4	9800957	CHR4:9800957	SSF x LoA	-9,19082714	-0,046	0,312
CHR4	9816300	CHR4:9816300	SSF x LoA	-9,95907189	0,131	0,304
CHR4	9816462	CHR4:9816462	SSF x LoA	-9,19202004	-0,026	0,304
CHR4	9816493	CHR4:9816493	SSF x LoA	-8,58689808	-0,007	0,295
CHR4	9816507	CHR4:9816507	SSF x LoA	-9,88931505	0,010	0,295
CHR4	9831178	CHR4:9831178	SSF x LoA	-8,25628083	0,071	0,309
CHR4	9831285	CHR4:9831285	SSF x LoA	-8,62140246	0,044	0,289
CHR4	9851310	CHR4:9851310	SSF x LoA	-10,2097741	-0,025	0,311
CHR4	9851348	CHR4:9851348	SSF x LoA	-10,9330055	0,072	0,316
CHR4	9866813	CHR4:9866813	SSF x LoA	-9,89801002	0,062	0,308
CHR4	9866855	CHR4:9866855	SSF x LoA	-9,26792038	0,042	0,301
CHR4	9866882	CHR4:9866882	SSF x LoA	-9,98807525	0,017	0,314
CHR4	9866936	CHR4:9866936	SSF x LoA	-10,2617237	0,075	0,313
CHR4	9866977	CHR4:9866977	SSF x LoA	-11,4102756	0,015	0,299
CHR4	9891363	CHR4:9891363	SSF x LoA	-8,44622018	-0,010	0,299
CHR4	9891387	CHR4:9891387	SSF x LoA	-9,29650163	-0,007	0,311
CHR4	9891418	CHR4:9891418	SSF x LoA	-10,2351187	0,039	0,317
CHR4	9891607	CHR4:9891607	SSF x LoA	-8,66634107	0,086	0,296
CHR4	9896893	CHR4:9896893	SSF x LoA	-11,7994216	-0,016	0,305
CHR4	9897941	CHR4:9897941	SSF x LoA	-7,79497649	-0,054	0,312
CHR4	9897997	CHR4:9897997	SSF x LoA	-8,46188375	-0,040	0,296
CHR4	9898024	CHR4:9898024	SSF x LoA	-8,17047185	0,163	0,297
CHR4	9898035	CHR4:9898035	SSF x LoA	-11,0945106	0,000	0,302
CHR4	9898038	CHR4:9898038	SSF x LoA	-10,7618294	-0,006	0,307
CHR4	9901494	CHR4:9901494	SSF x LoA	-10,4642784	-0,021	0,306
CHR4	9901520	CHR4:9901520	SSF x LoA	-11,2936098	-0,048	0,303
CHR4	9906523	CHR4:9906523	SSF x LoA	-9,64382392	-0,002	0,305
CHR4	9906536	CHR4:9906536	SSF x LoA	-3,05396494	0,024	0,305
CHR4	9906607	CHR4:9906607	SSF x LoA	-11,6663557	0,051	0,306
CHR4	9906732	CHR4:9906732	SSF x LoA	-12,1112604	0,020	0,297
CHR4	9906766	CHR4:9906766	SSF x LoA	-8,41160664	-0,041	0,288
CHR4	9908845	CHR4:9908845	SSF x LoA	-5,10789738	-0,117	0,307
CHR4	9909935	CHR4:9909935	SSF x LoA	-7,61604971	0,066	0,300
CHR4	9910046	CHR4:9910046	SSF x LoA	-8,88641009	-0,041	0,314
CHR4	9910141	CHR4:9910141	SSF x LoA	-8,98945121	-0,017	0,305
CHR4	9963022	CHR4:9963022	SSF x LoA	-11,6802753	0,067	0,300
CHR4	9963045	CHR4:9963045	SSF x LoA	-10,8866968	0,074	0,293
CHR4	9963109	CHR4:9963109	SSF x LoA	-10,5046307	0,128	0,288
CHR4	9963526	CHR4:9963526	SSF x LoA	-2,95974469	-0,091	0,304
CHR4	9970212	CHR4:9970212	SSF x LoA	-9,83013071	0,138	0,306
CHR4	9970268	CHR4:9970268	SSF x LoA	-9,41727312	0,040	0,309
CHR4	9970307	CHR4:9970307	SSF x LoA	-9,98933164	-0,019	0,310
CHR4	9979482	CHR4:9979482	SSF x LoA	-11,4989686	0,038	0,296
CHR4	9986105	CHR4:9986105	SSF x LoA	-9,73500198	0,000	0,312
CHR4	9989196	CHR4:9989196	SSF x LoA	-9,92050031	-0,104	0,305
CHR4	9989212	CHR4:9989212	SSF x LoA	-8,72327366	-0,138	0,302
CHR4	9990642	CHR4:9990642	SSF x LoA	-11,3166238	-0,036	0,310
CHR4	9990678	CHR4:9990678	SSF x LoA	-8,51498629	-0,072	0,313

CHR4	9990719	CHR4:9990719	SSF x LoA	-10,1214787	-0,010	0,316
CHR4	9990729	CHR4:9990729	SSF x LoA	-11,047212	-0,079	0,302
CHR4	9990749	CHR4:9990749	SSF x LoA	-11,1746783	-0,036	0,299
CHR4	9997982	CHR4:9997982	SSF x LoA	-9,09931339	-0,037	0,305
CHR4	9998032	CHR4:9998032	SSF x LoA	-9,94500733	0,046	0,312
CHR4	9998039	CHR4:9998039	SSF x LoA	-11,5028775	0,022	0,301
CHR4	9998084	CHR4:9998084	SSF x LoA	-10,0541276	0,017	0,306
CHR4	9998096	CHR4:9998096	SSF x LoA	-10,8008671	0,127	0,296
CHR4	9999161	CHR4:9999161	SSF x LoA	-7,25663709	0,140	0,302
CHR5	1E+07	CHR5:10010747	SSF x LoA	-10,2874112	-0,079	0,308
CHR5	1E+07	CHR5:10010810	SSF x LoA	-7,25654375	0,042	0,312
CHR5	1E+07	CHR5:10012034	SSF x LoA	-8,86177182	0,034	0,305
CHR5	1E+07	CHR5:10012122	SSF x LoA	-9,42576367	0,025	0,304
CHR5	1E+07	CHR5:10012834	SSF x LoA	-10,3894542	0,096	0,300
CHR5	1E+07	CHR5:10012866	SSF x LoA	-9,77546175	-0,002	0,301
CHR5	1E+07	CHR5:10012909	SSF x LoA	-8,82108398	-0,064	0,318
CHR5	1E+07	CHR5:10012944	SSF x LoA	-11,1009915	0,020	0,303
CHR5	1E+07	CHR5:10016649	SSF x LoA	-8,03705565	0,097	0,307
CHR5	1E+07	CHR5:10016679	SSF x LoA	-8,72495818	0,052	0,305
CHR5	1E+07	CHR5:10016713	SSF x LoA	-9,53076601	0,003	0,312
CHR5	1E+07	CHR5:10021327	SSF x LoA	-3,13277397	-0,161	0,298
CHR5	1E+07	CHR5:10021365	SSF x LoA	-6,23505923	-0,122	0,309
CHR5	1E+07	CHR5:10021408	SSF x LoA	-9,71097146	0,144	0,305
CHR5	1E+07	CHR5:10021583	SSF x LoA	-7,84446006	-0,116	0,305
CHR5	1E+07	CHR5:10031039	SSF x LoA	-9,12692878	-0,108	0,314
CHR5	1E+07	CHR5:10031058	SSF x LoA	-11,1301096	-0,096	0,295
CHR5	1E+07	CHR5:10031072	SSF x LoA	-10,2031514	-0,014	0,313
CHR5	1E+07	CHR5:10031075	SSF x LoA	-10,6958147	0,017	0,303
CHR5	1E+07	CHR5:10031129	SSF x LoA	-8,63400959	-0,052	0,300
CHR5	1E+07	CHR5:10031174	SSF x LoA	-8,97234422	-0,098	0,313
CHR5	1E+07	CHR5:10036876	SSF x LoA	-10,3841357	0,037	0,301
CHR5	1E+07	CHR5:10036884	SSF x LoA	-4,7743491	0,120	0,306
CHR5	1E+07	CHR5:10047883	SSF x LoA	-9,69391032	0,064	0,300
CHR5	1005334	CHR5:1005334	SSF x LoA	-9,50801252	0,088	0,293
CHR5	1005414	CHR5:1005414	SSF x LoA	-10,3218111	0,088	0,310
CHR5	1E+07	CHR5:10054792	SSF x LoA	-9,03819682	0,016	0,298
CHR5	1E+07	CHR5:10054930	SSF x LoA	-9,03443137	0,034	0,297
CHR5	1E+07	CHR5:10054957	SSF x LoA	-9,63383319	0,015	0,295
CHR5	1E+07	CHR5:10054959	SSF x LoA	-8,77890762	0,031	0,303
CHR5	1E+07	CHR5:10055021	SSF x LoA	-12,1904404	-0,039	0,305
CHR5	1E+07	CHR5:10063621	SSF x LoA	-9,9487781	-0,084	0,310
CHR5	1E+07	CHR5:10064381	SSF x LoA	-6,0882326	0,064	0,308
CHR5	1E+07	CHR5:10064387	SSF x LoA	-8,56980763	0,033	0,301
CHR5	1E+07	CHR5:10066088	SSF x LoA	-6,52840894	0,021	0,310
CHR5	1E+07	CHR5:10066092	SSF x LoA	-9,3510386	-0,036	0,314
CHR5	1E+07	CHR5:10066823	SSF x LoA	-8,75129169	0,017	0,306
CHR5	1E+07	CHR5:10068873	SSF x LoA	-9,92821969	0,079	0,318
CHR5	1E+07	CHR5:10068911	SSF x LoA	-8,74653634	-0,062	0,314
CHR5	1E+07	CHR5:10069000	SSF x LoA	-7,92918808	0,077	0,304
CHR5	1E+07	CHR5:10069955	SSF x LoA	-8,81792769	-0,082	0,305
CHR5	1E+07	CHR5:10070053	SSF x LoA	-8,565952	-0,049	0,314
CHR5	100750	CHR5:100750	SSF x LoA	-8,67375129	0,048	0,310
CHR5	1E+07	CHR5:10075032	SSF x LoA	-6,43604819	0,127	0,311

CHR5	1E+07	CHR5:10075051	SSF x LoA	-4,04948917	-0,079	0,308
CHR5	1E+07	CHR5:10075087	SSF x LoA	-8,2713113	-0,158	0,301
CHR5	1E+07	CHR5:10081636	SSF x LoA	-9,0085916	-0,018	0,311
CHR5	1E+07	CHR5:10093449	SSF x LoA	-7,2354694	0,006	0,302
CHR5	1E+07	CHR5:10093535	SSF x LoA	-8,4572794	-0,119	0,294
CHR5	1E+07	CHR5:10093540	SSF x LoA	-8,98675035	-0,136	0,300
CHR5	1E+07	CHR5:10093578	SSF x LoA	-6,97338561	-0,137	0,317
CHR5	1E+07	CHR5:10093606	SSF x LoA	-11,2192827	-0,019	0,306
CHR5	1E+07	CHR5:10095660	SSF x LoA	-7,22409822	0,045	0,324
CHR5	1E+07	CHR5:10111994	SSF x LoA	-8,93191612	0,133	0,308
CHR5	1E+07	CHR5:10112965	SSF x LoA	-9,45583644	0,057	0,301
CHR5	1E+07	CHR5:10113085	SSF x LoA	-9,5391324	0,020	0,292
CHR5	1E+07	CHR5:10115027	SSF x LoA	-11,3785176	0,010	0,317
CHR5	1E+07	CHR5:10115093	SSF x LoA	-4,11571763	-0,054	0,303
CHR5	1E+07	CHR5:10116648	SSF x LoA	-8,95939206	0,038	0,299
CHR5	1E+07	CHR5:10118343	SSF x LoA	-11,2455459	-0,015	0,308
CHR5	1012038	CHR5:1012038	SSF x LoA	-8,77799367	0,040	0,315
CHR5	1012056	CHR5:1012056	SSF x LoA	-8,28587317	-0,009	0,303
CHR5	1E+07	CHR5:10164172	SSF x LoA	-9,27392016	0,032	0,297
CHR5	1E+07	CHR5:10164188	SSF x LoA	-8,9104221	0,051	0,302
CHR5	1E+07	CHR5:10164253	SSF x LoA	-9,79379868	0,014	0,312
CHR5	1E+07	CHR5:10164289	SSF x LoA	-9,09993856	0,060	0,303
CHR5	1E+07	CHR5:10164303	SSF x LoA	0,06962805	-0,101	0,314
CHR5	1E+07	CHR5:10164407	SSF x LoA	-7,26058758	-0,093	0,294
CHR5	1016793	CHR5:1016793	SSF x LoA	-7,66189715	0,128	0,301
CHR5	1E+07	CHR5:10176455	SSF x LoA	-8,48852918	-0,019	0,305
CHR5	1E+07	CHR5:10176473	SSF x LoA	-8,79138018	0,081	0,312
CHR5	1E+07	CHR5:10176502	SSF x LoA	-8,02731128	0,034	0,308
CHR5	1E+07	CHR5:10176522	SSF x LoA	-9,5531947	0,002	0,296
CHR5	1E+07	CHR5:10180608	SSF x LoA	-9,93369723	0,027	0,321
CHR5	1E+07	CHR5:10180731	SSF x LoA	-9,641727	0,094	0,291
CHR5	1E+07	CHR5:10190744	SSF x LoA	-10,857136	0,070	0,315
CHR5	1E+07	CHR5:10190858	SSF x LoA	-11,0933564	0,096	0,296
CHR5	1E+07	CHR5:10190976	SSF x LoA	-8,6034275	-0,100	0,311
CHR5	1E+07	CHR5:10202300	SSF x LoA	-10,3801123	-0,063	0,322
CHR5	1E+07	CHR5:10221738	SSF x LoA	-8,6719095	0,099	0,310
CHR5	1E+07	CHR5:10227241	SSF x LoA	-11,7089542	-0,009	0,309
CHR5	1E+07	CHR5:10227253	SSF x LoA	-7,3431688	-0,034	0,304
CHR5	1E+07	CHR5:10237905	SSF x LoA	-11,0389216	-0,037	0,321
CHR5	1E+07	CHR5:10238135	SSF x LoA	-12,1998177	-0,019	0,298
CHR5	1E+07	CHR5:10238145	SSF x LoA	-7,82289639	-0,045	0,310
CHR5	1E+07	CHR5:10247394	SSF x LoA	-9,38691931	0,094	0,313
CHR5	1E+07	CHR5:10247462	SSF x LoA	-9,96318482	-0,025	0,311
CHR5	1E+07	CHR5:10251854	SSF x LoA	-9,72344366	-0,059	0,299
CHR5	1E+07	CHR5:10251874	SSF x LoA	-12,2898252	-0,001	0,301
CHR5	1E+07	CHR5:10260625	SSF x LoA	-10,0772226	-0,095	0,301
CHR5	1E+07	CHR5:10261658	SSF x LoA	-10,3407063	-0,003	0,308
CHR5	1E+07	CHR5:10261734	SSF x LoA	-6,15157599	0,164	0,305
CHR5	1E+07	CHR5:10265607	SSF x LoA	-8,50874343	-0,057	0,320
CHR5	1E+07	CHR5:10278877	SSF x LoA	-6,11777718	-0,124	0,299
CHR5	1E+07	CHR5:10278928	SSF x LoA	-8,58773318	-0,132	0,312
CHR5	1E+07	CHR5:10278948	SSF x LoA	-7,92864131	-0,172	0,286
CHR5	1027947	CHR5:1027947	SSF x LoA	-9,22517067	-0,054	0,298

CHR5	1028099	CHR5:1028099	SSF x LoA	-7,81491865	-0,067	0,312
CHR5	1028201	CHR5:1028201	SSF x LoA	-10,9231219	0,022	0,315
CHR5	1E+07	CHR5:10288163	SSF x LoA	-11,3708113	0,098	0,307
CHR5	1E+07	CHR5:10290857	SSF x LoA	-10,500179	0,050	0,304
CHR5	1E+07	CHR5:10310348	SSF x LoA	-10,6414698	-0,019	0,305
CHR5	1032244	CHR5:1032244	SSF x LoA	-10,5529222	0,028	0,309
CHR5	1E+07	CHR5:10337381	SSF x LoA	-10,5165042	0,119	0,304
CHR5	1E+07	CHR5:10337580	SSF x LoA	-8,26294311	-0,120	0,307
CHR5	1E+07	CHR5:10337637	SSF x LoA	-8,92712916	0,015	0,314
CHR5	1033830	CHR5:1033830	SSF x LoA	-9,37071806	-0,098	0,305
CHR5	1033925	CHR5:1033925	SSF x LoA	-8,5643318	-0,079	0,303
CHR5	1E+07	CHR5:10349506	SSF x LoA	-11,0851027	0,023	0,295
CHR5	1E+07	CHR5:10349534	SSF x LoA	-9,66781871	0,005	0,303
CHR5	1E+07	CHR5:10349538	SSF x LoA	-8,96462017	-0,046	0,307
CHR5	1E+07	CHR5:10363978	SSF x LoA	-10,6321321	-0,005	0,309
CHR5	1E+07	CHR5:10363988	SSF x LoA	-9,70730966	-0,031	0,309
CHR5	1E+07	CHR5:10363997	SSF x LoA	-9,40653558	-0,067	0,297
CHR5	1E+07	CHR5:10364012	SSF x LoA	-9,69637714	-0,096	0,297
CHR5	1E+07	CHR5:10364049	SSF x LoA	-9,78118189	-0,101	0,295
CHR5	1E+07	CHR5:10364087	SSF x LoA	-7,21035178	0,182	0,294
CHR5	1E+07	CHR5:10367292	SSF x LoA	-8,99635242	-0,059	0,310
CHR5	1E+07	CHR5:10367295	SSF x LoA	-10,7927756	-0,082	0,301
CHR5	1E+07	CHR5:10367313	SSF x LoA	-6,97391118	0,134	0,312
CHR5	1E+07	CHR5:10375024	SSF x LoA	-10,2095987	-0,062	0,325
CHR5	1E+07	CHR5:10380673	SSF x LoA	-11,2757864	0,021	0,301
CHR5	1E+07	CHR5:10383014	SSF x LoA	-9,07885061	0,033	0,317
CHR5	1E+07	CHR5:10386000	SSF x LoA	-10,6086344	0,017	0,311
CHR5	1E+07	CHR5:10405192	SSF x LoA	-10,5313404	-0,048	0,312
CHR5	1E+07	CHR5:10405197	SSF x LoA	-6,63581797	0,013	0,310
CHR5	1E+07	CHR5:10405248	SSF x LoA	-8,95036519	0,000	0,310
CHR5	1E+07	CHR5:10405275	SSF x LoA	-9,30874236	0,147	0,311
CHR5	1E+07	CHR5:10408674	SSF x LoA	-10,0258496	-0,016	0,312
CHR5	1E+07	CHR5:10408691	SSF x LoA	-10,4168994	-0,038	0,308
CHR5	1E+07	CHR5:10408818	SSF x LoA	-7,84173488	0,021	0,316
CHR5	1E+07	CHR5:10413853	SSF x LoA	-9,00637227	0,071	0,298
CHR5	1E+07	CHR5:10413854	SSF x LoA	-7,42691153	-0,113	0,309
CHR5	1E+07	CHR5:10441739	SSF x LoA	-10,6963261	-0,022	0,318
CHR5	1E+07	CHR5:10441752	SSF x LoA	-8,61748765	0,045	0,308
CHR5	1E+07	CHR5:10441805	SSF x LoA	-9,54794188	0,043	0,295
CHR5	1E+07	CHR5:10445159	SSF x LoA	-9,2088152	0,029	0,310
CHR5	1E+07	CHR5:10445345	SSF x LoA	-2,26459164	0,040	0,308
CHR5	1E+07	CHR5:10445386	SSF x LoA	-9,06525762	-0,021	0,311
CHR5	1E+07	CHR5:10448390	SSF x LoA	-11,7996219	-0,029	0,315
CHR5	1E+07	CHR5:10448433	SSF x LoA	-9,31425624	-0,007	0,304
CHR5	1E+07	CHR5:10448474	SSF x LoA	-1,61746645	-0,002	0,319
CHR5	1E+07	CHR5:10463350	SSF x LoA	-9,71402718	0,006	0,291
CHR5	1047548	CHR5:1047548	SSF x LoA	-7,49714805	-0,110	0,304
CHR5	1047550	CHR5:1047550	SSF x LoA	-6,55477482	-0,149	0,300
CHR5	1047590	CHR5:1047590	SSF x LoA	-7,02657128	-0,058	0,308
CHR5	1047593	CHR5:1047593	SSF x LoA	-7,19776457	0,038	0,296
CHR5	1048046	CHR5:1048046	SSF x LoA	-10,8002051	0,049	0,294
CHR5	1048076	CHR5:1048076	SSF x LoA	-10,9746251	-0,018	0,312
CHR5	1048099	CHR5:1048099	SSF x LoA	-10,0427266	-0,008	0,311

CHR5	10526704	CHR5:10526704	SSF x LoA	-11,1342561	0,000	0,307
CHR5	10528352	CHR5:10528352	SSF x LoA	-8,42053497	-0,008	0,301
CHR5	10531962	CHR5:10531962	SSF x LoA	-9,01673655	-0,021	0,304
CHR5	10532151	CHR5:10532151	SSF x LoA	-5,68059671	-0,201	0,303
CHR5	10538921	CHR5:10538921	SSF x LoA	-11,254088	-0,023	0,312
CHR5	10551626	CHR5:10551626	SSF x LoA	-9,17319889	-0,187	0,301
CHR5	10591507	CHR5:10591507	SSF x LoA	-11,9029286	-0,060	0,300
CHR5	10591597	CHR5:10591597	SSF x LoA	-7,10425438	-0,124	0,295
CHR5	10603404	CHR5:10603404	SSF x LoA	-10,0091507	0,045	0,315
CHR5	10603542	CHR5:10603542	SSF x LoA	-8,53248096	0,042	0,308
CHR5	10611415	CHR5:10611415	SSF x LoA	-4,65805141	0,082	0,316
CHR5	1061349	CHR5:1061349	SSF x LoA	-10,0588396	0,079	0,309
CHR5	1061387	CHR5:1061387	SSF x LoA	-7,49317121	0,079	0,299
CHR5	10629349	CHR5:10629349	SSF x LoA	-8,35665016	-0,044	0,314
CHR5	10629672	CHR5:10629672	SSF x LoA	-4,91332116	0,211	0,295
CHR5	10629690	CHR5:10629690	SSF x LoA	-8,62636342	0,141	0,307
CHR5	10629763	CHR5:10629763	SSF x LoA	-10,0392305	0,030	0,309
CHR5	10634705	CHR5:10634705	SSF x LoA	-10,4948472	0,058	0,302
CHR5	10634907	CHR5:10634907	SSF x LoA	-10,0764631	0,000	0,309
CHR5	10640727	CHR5:10640727	SSF x LoA	-7,97776409	-0,056	0,300
CHR5	10640735	CHR5:10640735	SSF x LoA	-9,75284075	-0,080	0,308
CHR5	10642951	CHR5:10642951	SSF x LoA	-8,86685321	0,135	0,310
CHR5	10642981	CHR5:10642981	SSF x LoA	-8,26278889	0,021	0,292
CHR5	10652125	CHR5:10652125	SSF x LoA	-9,74908056	0,070	0,306
CHR5	10652136	CHR5:10652136	SSF x LoA	-9,39671334	-0,078	0,311
CHR5	10652167	CHR5:10652167	SSF x LoA	-9,33961997	-0,049	0,321
CHR5	10665725	CHR5:10665725	SSF x LoA	-11,2399034	-0,011	0,308
CHR5	10665757	CHR5:10665757	SSF x LoA	-6,64137498	-0,067	0,305
CHR5	10665798	CHR5:10665798	SSF x LoA	-10,6528149	-0,109	0,311
CHR5	10665803	CHR5:10665803	SSF x LoA	-8,1468685	0,004	0,301
CHR5	10665832	CHR5:10665832	SSF x LoA	-5,69435703	-0,135	0,297
CHR5	10665871	CHR5:10665871	SSF x LoA	-10,8961722	-0,114	0,309
CHR5	10665877	CHR5:10665877	SSF x LoA	-9,21277278	-0,130	0,295
CHR5	10665886	CHR5:10665886	SSF x LoA	-9,7877239	0,038	0,301
CHR5	10665896	CHR5:10665896	SSF x LoA	-7,37075784	0,006	0,313
CHR5	10665924	CHR5:10665924	SSF x LoA	-8,98369898	-0,040	0,308
CHR5	10665947	CHR5:10665947	SSF x LoA	-10,0693515	-0,033	0,292
CHR5	10665948	CHR5:10665948	SSF x LoA	-8,26934633	-0,025	0,306
CHR5	10668346	CHR5:10668346	SSF x LoA	-8,61626311	0,040	0,309
CHR5	10668371	CHR5:10668371	SSF x LoA	-11,8246755	-0,062	0,304
CHR5	10668410	CHR5:10668410	SSF x LoA	-9,82633958	0,084	0,301
CHR5	10668899	CHR5:10668899	SSF x LoA	-7,81172535	0,078	0,306
CHR5	10668939	CHR5:10668939	SSF x LoA	-10,5487147	0,067	0,310
CHR5	10668947	CHR5:10668947	SSF x LoA	-9,82358645	0,077	0,304
CHR5	10672340	CHR5:10672340	SSF x LoA	-12,6690528	0,035	0,305
CHR5	10672447	CHR5:10672447	SSF x LoA	-10,8367932	0,028	0,296
CHR5	10676683	CHR5:10676683	SSF x LoA	-0,17386597	0,037	0,297
CHR5	10676768	CHR5:10676768	SSF x LoA	-1,20285699	0,188	0,292
CHR5	10676770	CHR5:10676770	SSF x LoA	-10,0493992	0,072	0,306
CHR5	10676846	CHR5:10676846	SSF x LoA	-9,01542979	-0,106	0,306
CHR5	10676912	CHR5:10676912	SSF x LoA	-11,9730106	0,020	0,296
CHR5	10684959	CHR5:10684959	SSF x LoA	-11,3639497	-0,019	0,302
CHR5	10684960	CHR5:10684960	SSF x LoA	-10,5410202	0,008	0,308

CHR5	10684972	CHR5:10684972	SSF x LoA	-10,7590979	0,047	0,316
CHR5	10685007	CHR5:10685007	SSF x LoA	-10,936531	0,003	0,311
CHR5	10693711	CHR5:10693711	SSF x LoA	-10,1625328	-0,022	0,316
CHR5	10696257	CHR5:10696257	SSF x LoA	-12,3319063	0,050	0,306
CHR5	10696278	CHR5:10696278	SSF x LoA	-10,1439678	0,041	0,293
CHR5	10696406	CHR5:10696406	SSF x LoA	-7,88034079	0,080	0,299
CHR5	10705408	CHR5:10705408	SSF x LoA	-8,93503395	-0,083	0,309
CHR5	10707821	CHR5:10707821	SSF x LoA	-2,27816425	-0,090	0,320
CHR5	10707878	CHR5:10707878	SSF x LoA	-9,73198759	-0,036	0,301
CHR5	10707890	CHR5:10707890	SSF x LoA	-8,17089069	-0,091	0,302
CHR5	10710828	CHR5:10710828	SSF x LoA	-6,50486733	0,094	0,311
CHR5	10710842	CHR5:10710842	SSF x LoA	-9,24876097	0,064	0,305
CHR5	10710870	CHR5:10710870	SSF x LoA	-8,34301799	0,068	0,312
CHR5	10714356	CHR5:10714356	SSF x LoA	-7,68233185	-0,099	0,299
CHR5	10714375	CHR5:10714375	SSF x LoA	-9,0834862	-0,048	0,294
CHR5	10714431	CHR5:10714431	SSF x LoA	-6,96963263	0,095	0,321
CHR5	10714445	CHR5:10714445	SSF x LoA	-9,24272515	0,036	0,315
CHR5	10719519	CHR5:10719519	SSF x LoA	-8,73258108	-0,013	0,300
CHR5	10720815	CHR5:10720815	SSF x LoA	-10,8310519	0,070	0,307
CHR5	10724557	CHR5:10724557	SSF x LoA	-9,47736421	-0,057	0,307
CHR5	10728702	CHR5:10728702	SSF x LoA	-10,2427456	0,108	0,300
CHR5	10728739	CHR5:10728739	SSF x LoA	-11,0037674	-0,086	0,285
CHR5	10728746	CHR5:10728746	SSF x LoA	-9,40019203	0,051	0,298
CHR5	10728776	CHR5:10728776	SSF x LoA	-9,48022607	-0,022	0,309
CHR5	10738147	CHR5:10738147	SSF x LoA	-8,42262148	0,058	0,308
CHR5	10738165	CHR5:10738165	SSF x LoA	-7,39929545	-0,090	0,288
CHR5	10738182	CHR5:10738182	SSF x LoA	-5,25325712	-0,119	0,310
CHR5	10738227	CHR5:10738227	SSF x LoA	-8,96197333	-0,142	0,311
CHR5	10738231	CHR5:10738231	SSF x LoA	-9,62780897	-0,130	0,308
CHR5	10738260	CHR5:10738260	SSF x LoA	-8,78566026	-0,153	0,295
CHR5	10738871	CHR5:10738871	SSF x LoA	-8,87207338	0,007	0,299
CHR5	10738876	CHR5:10738876	SSF x LoA	-9,12513648	0,018	0,308
CHR5	10738967	CHR5:10738967	SSF x LoA	-4,79726532	-0,014	0,296
CHR5	10738968	CHR5:10738968	SSF x LoA	-9,04635367	0,037	0,313
CHR5	10738992	CHR5:10738992	SSF x LoA	-11,3296404	-0,003	0,304
CHR5	10746544	CHR5:10746544	SSF x LoA	-8,92760318	-0,052	0,308
CHR5	10746600	CHR5:10746600	SSF x LoA	-8,80735643	-0,036	0,313
CHR5	10746664	CHR5:10746664	SSF x LoA	-10,5374935	-0,075	0,300
CHR5	10746729	CHR5:10746729	SSF x LoA	-8,96635056	-0,057	0,310
CHR5	10758239	CHR5:10758239	SSF x LoA	-10,9393233	-0,043	0,301
CHR5	10772419	CHR5:10772419	SSF x LoA	-8,03159231	0,146	0,310
CHR5	10772420	CHR5:10772420	SSF x LoA	-8,29137565	-0,011	0,314
CHR5	10772452	CHR5:10772452	SSF x LoA	-9,33129122	-0,039	0,313
CHR5	10772461	CHR5:10772461	SSF x LoA	-11,9579935	-0,013	0,301
CHR5	10772489	CHR5:10772489	SSF x LoA	-7,54796434	-0,113	0,287
CHR5	10772498	CHR5:10772498	SSF x LoA	-9,81151836	-0,099	0,305
CHR5	10772617	CHR5:10772617	SSF x LoA	-9,24993748	-0,059	0,302
CHR5	10772622	CHR5:10772622	SSF x LoA	-9,69816192	-0,002	0,307
CHR5	10772631	CHR5:10772631	SSF x LoA	-10,9205726	0,054	0,308
CHR5	10772656	CHR5:10772656	SSF x LoA	-7,77009599	0,066	0,307
CHR5	10772696	CHR5:10772696	SSF x LoA	-6,98457069	0,127	0,298
CHR5	10772709	CHR5:10772709	SSF x LoA	-8,83406231	0,013	0,310
CHR5	10789993	CHR5:10789993	SSF x LoA	-9,17534665	-0,068	0,280

CHR5	10790015	CHR5:10790015	SSF x LoA	-8,80820443	0,065	0,300
CHR5	10790032	CHR5:10790032	SSF x LoA	-10,4243384	-0,033	0,292
CHR5	10790035	CHR5:10790035	SSF x LoA	-9,33494543	0,062	0,291
CHR5	10807493	CHR5:10807493	SSF x LoA	-9,11108777	0,079	0,309
CHR5	10807598	CHR5:10807598	SSF x LoA	-4,7508638	0,058	0,302
CHR5	10807631	CHR5:10807631	SSF x LoA	-10,0029404	0,007	0,312
CHR5	10807658	CHR5:10807658	SSF x LoA	-10,9012903	0,029	0,315
CHR5	10807664	CHR5:10807664	SSF x LoA	-9,84347357	0,059	0,309
CHR5	10807694	CHR5:10807694	SSF x LoA	-0,29763804	0,085	0,319
CHR5	10810557	CHR5:10810557	SSF x LoA	-9,68015204	-0,076	0,312
CHR5	10810825	CHR5:10810825	SSF x LoA	-10,9214535	0,021	0,308
CHR5	10816555	CHR5:10816555	SSF x LoA	-8,85317451	0,133	0,305
CHR5	1081738	CHR5:1081738	SSF x LoA	-8,49514823	-0,092	0,291
CHR5	1081837	CHR5:1081837	SSF x LoA	-8,64157405	0,100	0,298
CHR5	1081838	CHR5:1081838	SSF x LoA	-9,05366406	0,054	0,305
CHR5	1081902	CHR5:1081902	SSF x LoA	-8,7320317	0,019	0,305
CHR5	1081938	CHR5:1081938	SSF x LoA	-10,5693203	0,045	0,293
CHR5	10827578	CHR5:10827578	SSF x LoA	-10,8967455	0,018	0,309
CHR5	10827740	CHR5:10827740	SSF x LoA	-7,27437135	0,111	0,305
CHR5	10827835	CHR5:10827835	SSF x LoA	-6,20537994	-0,036	0,319
CHR5	10829710	CHR5:10829710	SSF x LoA	-5,64104211	0,172	0,305
CHR5	10849124	CHR5:10849124	SSF x LoA	-11,2171521	-0,066	0,293
CHR5	10849195	CHR5:10849195	SSF x LoA	-3,83099195	-0,027	0,309
CHR5	10849226	CHR5:10849226	SSF x LoA	-9,60066756	0,028	0,315
CHR5	10852081	CHR5:10852081	SSF x LoA	-5,43881773	-0,164	0,304
CHR5	10852138	CHR5:10852138	SSF x LoA	-7,59216434	-0,120	0,301
CHR5	10863064	CHR5:10863064	SSF x LoA	-7,87052713	0,046	0,318
CHR5	10863068	CHR5:10863068	SSF x LoA	-9,45913596	-0,021	0,301
CHR5	10863110	CHR5:10863110	SSF x LoA	-12,2219071	0,076	0,298
CHR5	10875838	CHR5:10875838	SSF x LoA	-9,40289799	0,003	0,318
CHR5	10875993	CHR5:10875993	SSF x LoA	-9,53360065	-0,001	0,295
CHR5	1088690	CHR5:1088690	SSF x LoA	-9,98816206	0,008	0,312
CHR5	10898285	CHR5:10898285	SSF x LoA	-8,66768719	0,052	0,299
CHR5	10898295	CHR5:10898295	SSF x LoA	-10,0804546	-0,039	0,298
CHR5	10898346	CHR5:10898346	SSF x LoA	-11,7613147	0,055	0,299
CHR5	10898401	CHR5:10898401	SSF x LoA	-10,3909419	0,068	0,313
CHR5	10908802	CHR5:10908802	SSF x LoA	-11,3037685	0,046	0,290
CHR5	10912645	CHR5:10912645	SSF x LoA	-10,9488243	-0,026	0,285
CHR5	10912677	CHR5:10912677	SSF x LoA	-8,74189068	-0,039	0,308
CHR5	10912682	CHR5:10912682	SSF x LoA	-10,9920795	-0,100	0,304
CHR5	10912687	CHR5:10912687	SSF x LoA	-9,64313475	-0,020	0,310
CHR5	10912764	CHR5:10912764	SSF x LoA	-8,42885721	-0,051	0,308
CHR5	10912769	CHR5:10912769	SSF x LoA	-7,71459797	0,093	0,298
CHR5	10912786	CHR5:10912786	SSF x LoA	-8,91792191	0,091	0,311
CHR5	10912819	CHR5:10912819	SSF x LoA	-9,81933764	-0,056	0,307
CHR5	10925867	CHR5:10925867	SSF x LoA	-7,97150115	-0,097	0,303
CHR5	10930244	CHR5:10930244	SSF x LoA	-11,4127951	0,072	0,311
CHR5	10933040	CHR5:10933040	SSF x LoA	-7,74401621	-0,108	0,314
CHR5	10933046	CHR5:10933046	SSF x LoA	-9,37634824	0,078	0,318
CHR5	10934844	CHR5:10934844	SSF x LoA	-7,98246562	-0,111	0,288
CHR5	10934899	CHR5:10934899	SSF x LoA	-8,5204724	0,039	0,306
CHR5	10934966	CHR5:10934966	SSF x LoA	-4,75876859	-0,121	0,307
CHR5	10934981	CHR5:10934981	SSF x LoA	-9,8491195	0,050	0,310

CHR5	10934992	CHR5:10934992	SSF x LoA	-8,32876087	-0,078	0,294
CHR5	10952476	CHR5:10952476	SSF x LoA	-4,32415806	0,059	0,309
CHR5	10952557	CHR5:10952557	SSF x LoA	-9,01523989	-0,095	0,306
CHR5	10959893	CHR5:10959893	SSF x LoA	-3,59931599	-0,020	0,296
CHR5	10959894	CHR5:10959894	SSF x LoA	-4,96037772	0,013	0,316
CHR5	10959897	CHR5:10959897	SSF x LoA	-6,94867916	-0,080	0,315
CHR5	10960006	CHR5:10960006	SSF x LoA	-8,29511401	0,023	0,297
CHR5	10960030	CHR5:10960030	SSF x LoA	-9,30866594	0,009	0,314
CHR5	10960057	CHR5:10960057	SSF x LoA	-8,98166133	0,014	0,307
CHR5	1096230	CHR5:1096230	SSF x LoA	-8,46707174	0,030	0,303
CHR5	1096287	CHR5:1096287	SSF x LoA	-2,29364788	-0,126	0,298
CHR5	1096307	CHR5:1096307	SSF x LoA	-7,86866148	-0,037	0,305
CHR5	1096343	CHR5:1096343	SSF x LoA	-7,07809295	0,168	0,303
CHR5	1096348	CHR5:1096348	SSF x LoA	-6,54040395	0,170	0,296
CHR5	1096375	CHR5:1096375	SSF x LoA	-7,96699685	0,108	0,302
CHR5	10965719	CHR5:10965719	SSF x LoA	-8,02665062	0,132	0,299
CHR5	10988961	CHR5:10988961	SSF x LoA	-7,82887934	-0,074	0,305
CHR5	10988982	CHR5:10988982	SSF x LoA	-9,64823998	-0,050	0,299
CHR5	11005491	CHR5:11005491	SSF x LoA	-7,76257818	0,031	0,309
CHR5	11005492	CHR5:11005492	SSF x LoA	-7,8806893	-0,012	0,307
CHR5	11005548	CHR5:11005548	SSF x LoA	-11,3742563	-0,009	0,307
CHR5	11005588	CHR5:11005588	SSF x LoA	-6,93853476	0,034	0,315
CHR5	11005705	CHR5:11005705	SSF x LoA	-7,3826244	-0,001	0,308
CHR5	11005709	CHR5:11005709	SSF x LoA	-7,48464412	0,071	0,314
CHR5	11005711	CHR5:11005711	SSF x LoA	-8,92249346	0,036	0,314
CHR5	11005758	CHR5:11005758	SSF x LoA	-8,11915118	0,035	0,296
CHR5	11005762	CHR5:11005762	SSF x LoA	-8,99198921	-0,063	0,299
CHR5	11005765	CHR5:11005765	SSF x LoA	-8,37063246	-0,086	0,305
CHR5	11005788	CHR5:11005788	SSF x LoA	-11,0282799	0,071	0,308
CHR5	11019801	CHR5:11019801	SSF x LoA	-10,1542298	0,121	0,292
CHR5	11019805	CHR5:11019805	SSF x LoA	-7,22360208	0,145	0,293
CHR5	11019835	CHR5:11019835	SSF x LoA	-2,97432978	0,020	0,312
CHR5	11021847	CHR5:11021847	SSF x LoA	-8,43428589	-0,160	0,298
CHR5	11021864	CHR5:11021864	SSF x LoA	-9,89392384	-0,068	0,306
CHR5	11021867	CHR5:11021867	SSF x LoA	-9,95165039	-0,153	0,299
CHR5	1102858	CHR5:1102858	SSF x LoA	-8,94305973	0,000	0,309
CHR5	11028758	CHR5:11028758	SSF x LoA	-9,7315511	-0,002	0,308
CHR5	1103012	CHR5:1103012	SSF x LoA	-9,09677974	-0,040	0,301
CHR5	1103019	CHR5:1103019	SSF x LoA	-9,28950041	-0,038	0,307
CHR5	11030774	CHR5:11030774	SSF x LoA	-8,76837057	0,024	0,300
CHR5	11031687	CHR5:11031687	SSF x LoA	-9,27538386	0,081	0,294
CHR5	11037433	CHR5:11037433	SSF x LoA	-12,4444696	-0,060	0,301
CHR5	11046954	CHR5:11046954	SSF x LoA	1,63802082	0,040	0,303
CHR5	11046983	CHR5:11046983	SSF x LoA	-9,57585136	-0,088	0,305
CHR5	11053980	CHR5:11053980	SSF x LoA	-11,1701624	-0,003	0,314
CHR5	11054010	CHR5:11054010	SSF x LoA	-7,60198908	-0,061	0,317
CHR5	11060144	CHR5:11060144	SSF x LoA	-9,75674301	0,016	0,321
CHR5	11060216	CHR5:11060216	SSF x LoA	-11,5090912	-0,010	0,302
CHR5	11079922	CHR5:11079922	SSF x LoA	-11,1448621	-0,006	0,307
CHR5	11088476	CHR5:11088476	SSF x LoA	-8,96899094	-0,026	0,309
CHR5	11089183	CHR5:11089183	SSF x LoA	-8,72356034	0,150	0,319
CHR5	11089184	CHR5:11089184	SSF x LoA	-8,78824798	0,002	0,317
CHR5	11089215	CHR5:11089215	SSF x LoA	-9,22296938	0,120	0,296

CHR5	11089256	CHR5:11089256	SSF x LoA	-10,1934922	-0,048	0,300
CHR5	11089287	CHR5:11089287	SSF x LoA	-11,4453058	-0,073	0,301
CHR5	11101446	CHR5:11101446	SSF x LoA	-8,96695075	0,009	0,293
CHR5	11106850	CHR5:11106850	SSF x LoA	-8,34712502	-0,128	0,310
CHR5	11106859	CHR5:11106859	SSF x LoA	-9,11491824	-0,024	0,313
CHR5	11106862	CHR5:11106862	SSF x LoA	-10,6425914	-0,062	0,310
CHR5	11106884	CHR5:11106884	SSF x LoA	-11,5179951	0,006	0,303
CHR5	11107017	CHR5:11107017	SSF x LoA	-7,49152011	-0,004	0,293
CHR5	11113858	CHR5:11113858	SSF x LoA	-5,31593807	0,022	0,309
CHR5	11113894	CHR5:11113894	SSF x LoA	2,18063654	0,039	0,301
CHR5	11113991	CHR5:11113991	SSF x LoA	-7,97743572	-0,095	0,306
CHR5	11114007	CHR5:11114007	SSF x LoA	-7,04766394	0,022	0,304
CHR5	11114058	CHR5:11114058	SSF x LoA	-9,40800619	0,075	0,294
CHR5	11114066	CHR5:11114066	SSF x LoA	-10,0421691	-0,063	0,314
CHR5	11114083	CHR5:11114083	SSF x LoA	-8,38604081	-0,023	0,308
CHR5	11114095	CHR5:11114095	SSF x LoA	-8,80595754	0,019	0,320
CHR5	11118097	CHR5:11118097	SSF x LoA	-7,71963642	0,162	0,301
CHR5	11118100	CHR5:11118100	SSF x LoA	-7,69149654	-0,050	0,319
CHR5	11118158	CHR5:11118158	SSF x LoA	-8,35761151	0,001	0,319
CHR5	11118159	CHR5:11118159	SSF x LoA	-9,20067776	-0,001	0,303
CHR5	11118173	CHR5:11118173	SSF x LoA	-3,07711318	0,081	0,306
CHR5	11118281	CHR5:11118281	SSF x LoA	-8,25496152	-0,011	0,311
CHR5	11118291	CHR5:11118291	SSF x LoA	-10,0032864	-0,048	0,306
CHR5	11123270	CHR5:11123270	SSF x LoA	-9,37311431	0,068	0,309
CHR5	11123279	CHR5:11123279	SSF x LoA	-8,25471223	-0,089	0,316
CHR5	11123346	CHR5:11123346	SSF x LoA	-8,96247422	-0,039	0,310
CHR5	11132577	CHR5:11132577	SSF x LoA	-7,71555852	0,122	0,299
CHR5	11132585	CHR5:11132585	SSF x LoA	-9,79391755	0,086	0,306
CHR5	11132588	CHR5:11132588	SSF x LoA	-8,59821748	-0,099	0,303
CHR5	11132590	CHR5:11132590	SSF x LoA	-9,61220098	0,115	0,297
CHR5	11132607	CHR5:11132607	SSF x LoA	-9,89133828	-0,019	0,311
CHR5	11132842	CHR5:11132842	SSF x LoA	-1,07419629	0,207	0,302
CHR5	11132868	CHR5:11132868	SSF x LoA	-11,6540279	0,042	0,311
CHR5	11132899	CHR5:11132899	SSF x LoA	-9,98074959	-0,077	0,305
CHR5	11139491	CHR5:11139491	SSF x LoA	-8,37446153	-0,051	0,294
CHR5	11139531	CHR5:11139531	SSF x LoA	-9,01325505	0,091	0,311
CHR5	11139548	CHR5:11139548	SSF x LoA	-10,2245329	-0,026	0,309
CHR5	11142740	CHR5:11142740	SSF x LoA	-7,67614372	0,159	0,303
CHR5	11145956	CHR5:11145956	SSF x LoA	-10,3390325	0,004	0,314
CHR5	11146207	CHR5:11146207	SSF x LoA	-10,3511036	0,032	0,321
CHR5	11146225	CHR5:11146225	SSF x LoA	-9,71178993	-0,033	0,306
CHR5	11150051	CHR5:11150051	SSF x LoA	-10,777829	0,013	0,310
CHR5	11150175	CHR5:11150175	SSF x LoA	-0,19142854	-0,022	0,316
CHR5	11153693	CHR5:11153693	SSF x LoA	-8,80849848	-0,058	0,307
CHR5	11153705	CHR5:11153705	SSF x LoA	-8,25278717	0,022	0,310
CHR5	11166775	CHR5:11166775	SSF x LoA	-8,48408338	0,052	0,309
CHR5	11166794	CHR5:11166794	SSF x LoA	-10,663865	-0,027	0,317
CHR5	11166836	CHR5:11166836	SSF x LoA	-10,7108126	0,029	0,305
CHR5	11166843	CHR5:11166843	SSF x LoA	-12,1528607	0,006	0,299
CHR5	11166852	CHR5:11166852	SSF x LoA	-11,179852	-0,003	0,314
CHR5	11166859	CHR5:11166859	SSF x LoA	-10,9222424	0,033	0,309
CHR5	11166870	CHR5:11166870	SSF x LoA	-9,04759314	-0,007	0,313
CHR5	11166871	CHR5:11166871	SSF x LoA	-5,95848605	-0,104	0,313

CHR5	11166879	CHR5:11166879	SSF x LoA	-8,86490955	-0,092	0,308
CHR5	11166881	CHR5:11166881	SSF x LoA	-7,64297369	0,044	0,304
CHR5	11169636	CHR5:11169636	SSF x LoA	-8,1301118	-0,006	0,305
CHR5	11169641	CHR5:11169641	SSF x LoA	-7,74055859	-0,124	0,298
CHR5	11169687	CHR5:11169687	SSF x LoA	-7,05204342	0,096	0,305
CHR5	11169761	CHR5:11169761	SSF x LoA	-8,72618818	-0,023	0,317
CHR5	11169771	CHR5:11169771	SSF x LoA	-7,23685657	-0,007	0,314
CHR5	11169774	CHR5:11169774	SSF x LoA	-9,73266534	0,042	0,300
CHR5	11186908	CHR5:11186908	SSF x LoA	-7,50705095	-0,015	0,302
CHR5	11186914	CHR5:11186914	SSF x LoA	-10,2800789	0,016	0,303
CHR5	11186940	CHR5:11186940	SSF x LoA	-10,1065533	0,044	0,306
CHR5	11187024	CHR5:11187024	SSF x LoA	-11,4610196	-0,040	0,308
CHR5	1119091	CHR5:1119091	SSF x LoA	-9,42362049	0,135	0,306
CHR5	1119117	CHR5:1119117	SSF x LoA	-11,717236	0,115	0,292
CHR5	11193578	CHR5:11193578	SSF x LoA	-7,90502039	-0,002	0,300
CHR5	11193579	CHR5:11193579	SSF x LoA	-8,48661807	-0,032	0,306
CHR5	11193593	CHR5:11193593	SSF x LoA	-9,09408319	0,016	0,306
CHR5	11193594	CHR5:11193594	SSF x LoA	-9,33649415	0,016	0,298
CHR5	11193615	CHR5:11193615	SSF x LoA	-11,5479259	-0,042	0,308
CHR5	11193662	CHR5:11193662	SSF x LoA	-10,2387727	0,059	0,322
CHR5	11211594	CHR5:11211594	SSF x LoA	-9,11719525	-0,023	0,306
CHR5	1121269	CHR5:1121269	SSF x LoA	-10,8830373	-0,071	0,295
CHR5	11219686	CHR5:11219686	SSF x LoA	-8,22191591	0,011	0,314
CHR5	11219736	CHR5:11219736	SSF x LoA	-9,82055852	-0,014	0,310
CHR5	11219741	CHR5:11219741	SSF x LoA	-9,76596756	-0,025	0,306
CHR5	11219743	CHR5:11219743	SSF x LoA	-8,3217919	0,176	0,292
CHR5	11219757	CHR5:11219757	SSF x LoA	-9,53619685	-0,028	0,312
CHR5	11229529	CHR5:11229529	SSF x LoA	-8,72664003	0,017	0,305
CHR5	11229534	CHR5:11229534	SSF x LoA	-8,52731103	-0,031	0,306
CHR5	11229560	CHR5:11229560	SSF x LoA	-9,94480612	-0,029	0,293
CHR5	11229668	CHR5:11229668	SSF x LoA	-10,4813094	0,007	0,307
CHR5	11229739	CHR5:11229739	SSF x LoA	-8,99230361	0,024	0,317
CHR5	11241415	CHR5:11241415	SSF x LoA	-11,6806311	0,005	0,309
CHR5	11255498	CHR5:11255498	SSF x LoA	-10,0420601	0,002	0,313
CHR5	11255502	CHR5:11255502	SSF x LoA	1,22680397	0,038	0,314
CHR5	11255516	CHR5:11255516	SSF x LoA	-9,84828146	0,084	0,304
CHR5	11255557	CHR5:11255557	SSF x LoA	-5,74015877	0,069	0,308
CHR5	11255562	CHR5:11255562	SSF x LoA	-7,03108481	0,137	0,305
CHR5	11255585	CHR5:11255585	SSF x LoA	-9,72215469	0,115	0,308
CHR5	11255593	CHR5:11255593	SSF x LoA	-9,71967137	0,064	0,311
CHR5	11255596	CHR5:11255596	SSF x LoA	-9,78173414	0,087	0,300
CHR5	11255598	CHR5:11255598	SSF x LoA	-8,90315073	0,074	0,299
CHR5	11255668	CHR5:11255668	SSF x LoA	-8,07776381	-0,008	0,307
CHR5	11255737	CHR5:11255737	SSF x LoA	-9,69784873	-0,102	0,296
CHR5	1125639	CHR5:1125639	SSF x LoA	-10,4885534	-0,026	0,300
CHR5	1125939	CHR5:1125939	SSF x LoA	-10,8959446	0,022	0,302
CHR5	1125998	CHR5:1125998	SSF x LoA	-11,1979782	0,032	0,312
CHR5	11273910	CHR5:11273910	SSF x LoA	-12,0891435	-0,057	0,299
CHR5	11281656	CHR5:11281656	SSF x LoA	-10,3718384	0,070	0,314
CHR5	11281664	CHR5:11281664	SSF x LoA	-9,6345172	-0,052	0,313
CHR5	11285529	CHR5:11285529	SSF x LoA	-8,85030068	0,001	0,304
CHR5	11285541	CHR5:11285541	SSF x LoA	-5,25274888	0,125	0,309
CHR5	11285596	CHR5:11285596	SSF x LoA	-9,22906916	0,018	0,299

CHR5	11314247	CHR5:11314247	SSF x LoA	-10,2088313	-0,001	0,326
CHR5	11373056	CHR5:11373056	SSF x LoA	-8,07672681	0,095	0,303
CHR5	11388169	CHR5:11388169	SSF x LoA	-6,04142962	-0,086	0,297
CHR5	1138827	CHR5:1138827	SSF x LoA	-9,53029408	-0,151	0,307
CHR5	1139190	CHR5:1139190	SSF x LoA	-8,81927093	-0,119	0,310
CHR5	11408920	CHR5:11408920	SSF x LoA	-7,22936876	0,094	0,305
CHR5	11429182	CHR5:11429182	SSF x LoA	-7,49933839	-0,110	0,293
CHR5	11429231	CHR5:11429231	SSF x LoA	-7,63291638	-0,144	0,287
CHR5	11429264	CHR5:11429264	SSF x LoA	-5,99980397	-0,157	0,286
CHR5	11434980	CHR5:11434980	SSF x LoA	-10,1293085	0,029	0,285
CHR5	11434989	CHR5:11434989	SSF x LoA	-7,96990208	-0,044	0,301
CHR5	11439307	CHR5:11439307	SSF x LoA	-8,07406172	0,174	0,303
CHR5	11439372	CHR5:11439372	SSF x LoA	-10,4351041	0,135	0,309
CHR5	11439496	CHR5:11439496	SSF x LoA	-5,80415191	-0,041	0,312
CHR5	11446645	CHR5:11446645	SSF x LoA	-9,6871922	-0,118	0,308
CHR5	11451753	CHR5:11451753	SSF x LoA	-9,05722797	0,122	0,300
CHR5	11462811	CHR5:11462811	SSF x LoA	-6,61485838	0,018	0,309
CHR5	11462876	CHR5:11462876	SSF x LoA	-6,52963261	-0,079	0,288
CHR5	11462897	CHR5:11462897	SSF x LoA	-11,6703018	0,003	0,291
CHR5	11462936	CHR5:11462936	SSF x LoA	-8,85721427	0,038	0,300
CHR5	11463013	CHR5:11463013	SSF x LoA	-7,39972088	0,088	0,301
CHR5	11482247	CHR5:11482247	SSF x LoA	-11,6955291	0,008	0,313
CHR5	11482439	CHR5:11482439	SSF x LoA	-10,6546543	-0,021	0,308
CHR5	11482476	CHR5:11482476	SSF x LoA	-8,6548239	0,002	0,316
CHR5	11482505	CHR5:11482505	SSF x LoA	-10,8716685	0,034	0,312
CHR5	11482510	CHR5:11482510	SSF x LoA	-8,27013388	0,041	0,299
CHR5	1148347	CHR5:1148347	SSF x LoA	-10,1489948	0,057	0,310
CHR5	1148350	CHR5:1148350	SSF x LoA	-11,4759453	0,065	0,302
CHR5	1148351	CHR5:1148351	SSF x LoA	-9,65782366	-0,090	0,307
CHR5	1148370	CHR5:1148370	SSF x LoA	-8,03814998	0,116	0,306
CHR5	11492409	CHR5:11492409	SSF x LoA	-7,7526816	-0,128	0,289
CHR5	11492446	CHR5:11492446	SSF x LoA	-8,30776062	0,201	0,293
CHR5	11497302	CHR5:11497302	SSF x LoA	-9,66786807	0,113	0,300
CHR5	11502683	CHR5:11502683	SSF x LoA	-10,7508003	0,007	0,298
CHR5	11502694	CHR5:11502694	SSF x LoA	-8,74555453	0,073	0,311
CHR5	11509121	CHR5:11509121	SSF x LoA	-10,9889506	-0,050	0,317
CHR5	11517150	CHR5:11517150	SSF x LoA	-9,5656453	0,048	0,314
CHR5	11519624	CHR5:11519624	SSF x LoA	-12,5132698	-0,015	0,311
CHR5	11525776	CHR5:11525776	SSF x LoA	-7,94856158	0,103	0,284
CHR5	11525787	CHR5:11525787	SSF x LoA	-0,12893426	-0,037	0,330
CHR5	11525808	CHR5:11525808	SSF x LoA	-10,6309589	-0,031	0,306
CHR5	11525879	CHR5:11525879	SSF x LoA	-10,4917793	0,032	0,306
CHR5	11525937	CHR5:11525937	SSF x LoA	-8,43447307	0,037	0,318
CHR5	11525989	CHR5:11525989	SSF x LoA	-10,4542406	-0,023	0,314
CHR5	11529179	CHR5:11529179	SSF x LoA	5,12099042	-0,006	0,306
CHR5	11529212	CHR5:11529212	SSF x LoA	-10,4880783	-0,074	0,295
CHR5	11529228	CHR5:11529228	SSF x LoA	-2,67182801	-0,020	0,311
CHR5	11529407	CHR5:11529407	SSF x LoA	-8,91541482	0,035	0,319
CHR5	11533670	CHR5:11533670	SSF x LoA	-11,1681067	-0,067	0,300
CHR5	11533778	CHR5:11533778	SSF x LoA	-9,51682238	0,100	0,296
CHR5	11533848	CHR5:11533848	SSF x LoA	-10,1207888	0,031	0,302
CHR5	11566971	CHR5:11566971	SSF x LoA	-9,95795266	-0,048	0,298
CHR5	11566994	CHR5:11566994	SSF x LoA	-9,73256402	-0,088	0,311

CHR5	11568763	CHR5:11568763	SSF x LoA	-7,9642386	0,016	0,317
CHR5	11568788	CHR5:11568788	SSF x LoA	-10,1074422	-0,040	0,314
CHR5	11568829	CHR5:11568829	SSF x LoA	-7,36810022	-0,060	0,314
CHR5	11570671	CHR5:11570671	SSF x LoA	-7,7729093	0,211	0,281
CHR5	11570709	CHR5:11570709	SSF x LoA	-1,48754117	-0,115	0,306
CHR5	11570816	CHR5:11570816	SSF x LoA	-9,10818825	0,002	0,314
CHR5	11570923	CHR5:11570923	SSF x LoA	-9,04128835	-0,033	0,315
CHR5	11575941	CHR5:11575941	SSF x LoA	-10,2538117	-0,048	0,302
CHR5	11600980	CHR5:11600980	SSF x LoA	-11,5104467	0,003	0,306
CHR5	11600983	CHR5:11600983	SSF x LoA	-5,22830023	0,183	0,293
CHR5	11614089	CHR5:11614089	SSF x LoA	-7,38707898	0,004	0,318
CHR5	11614095	CHR5:11614095	SSF x LoA	-11,1139414	0,038	0,312
CHR5	11614096	CHR5:11614096	SSF x LoA	-10,8072849	0,039	0,302
CHR5	11614097	CHR5:11614097	SSF x LoA	-11,1931747	0,036	0,308
CHR5	11614101	CHR5:11614101	SSF x LoA	-9,64262292	0,094	0,309
CHR5	11614167	CHR5:11614167	SSF x LoA	-9,48088659	-0,064	0,324
CHR5	11614212	CHR5:11614212	SSF x LoA	-8,56371894	-0,056	0,299
CHR5	11614237	CHR5:11614237	SSF x LoA	-9,82267544	0,042	0,302
CHR5	11614249	CHR5:11614249	SSF x LoA	-9,47873853	0,052	0,311
CHR5	11614251	CHR5:11614251	SSF x LoA	-9,85387372	0,030	0,313
CHR5	11644042	CHR5:11644042	SSF x LoA	-10,5169793	-0,029	0,310
CHR5	11644059	CHR5:11644059	SSF x LoA	-7,54632795	0,001	0,305
CHR5	11644062	CHR5:11644062	SSF x LoA	-7,46990739	-0,012	0,308
CHR5	11644092	CHR5:11644092	SSF x LoA	-10,5005662	0,041	0,319
CHR5	11644248	CHR5:11644248	SSF x LoA	-11,6674605	0,041	0,310
CHR5	11647115	CHR5:11647115	SSF x LoA	-9,49618106	0,068	0,312
CHR5	11647269	CHR5:11647269	SSF x LoA	-10,7107768	0,033	0,297
CHR5	11667739	CHR5:11667739	SSF x LoA	-7,07086409	0,132	0,304
CHR5	11667797	CHR5:11667797	SSF x LoA	-7,6811966	-0,111	0,299
CHR5	11667798	CHR5:11667798	SSF x LoA	-8,12494296	-0,135	0,303
CHR5	11667855	CHR5:11667855	SSF x LoA	-7,32468056	-0,034	0,311
CHR5	11667881	CHR5:11667881	SSF x LoA	-9,02451795	-0,089	0,297
CHR5	11667897	CHR5:11667897	SSF x LoA	-6,63534452	-0,112	0,293
CHR5	11667940	CHR5:11667940	SSF x LoA	-7,14765013	0,127	0,331
CHR5	11673172	CHR5:11673172	SSF x LoA	-9,25109612	0,073	0,308
CHR5	11673175	CHR5:11673175	SSF x LoA	-11,587518	-0,033	0,310
CHR5	11673282	CHR5:11673282	SSF x LoA	-8,32227486	-0,105	0,307
CHR5	11673286	CHR5:11673286	SSF x LoA	-8,45902658	0,117	0,304
CHR5	11673344	CHR5:11673344	SSF x LoA	-5,78169166	0,038	0,316
CHR5	11673345	CHR5:11673345	SSF x LoA	4,6906647	-0,123	0,307
CHR5	11673347	CHR5:11673347	SSF x LoA	-8,65365672	-0,035	0,312
CHR5	11673348	CHR5:11673348	SSF x LoA	-10,5880395	0,049	0,313
CHR5	11690247	CHR5:11690247	SSF x LoA	-9,11645191	0,064	0,302
CHR5	11690286	CHR5:11690286	SSF x LoA	-8,28527637	0,046	0,311
CHR5	11690333	CHR5:11690333	SSF x LoA	-9,39753623	0,045	0,324
CHR5	11690339	CHR5:11690339	SSF x LoA	-8,72076568	0,023	0,309
CHR5	11690351	CHR5:11690351	SSF x LoA	-7,57850509	-0,039	0,291
CHR5	11690353	CHR5:11690353	SSF x LoA	-8,7369419	0,028	0,286
CHR5	11690389	CHR5:11690389	SSF x LoA	-10,637379	0,010	0,301
CHR5	11691821	CHR5:11691821	SSF x LoA	-8,47689517	-0,037	0,303
CHR5	11695282	CHR5:11695282	SSF x LoA	-11,7682421	0,080	0,303
CHR5	1169666	CHR5:1169666	SSF x LoA	-10,5387058	-0,024	0,307
CHR5	11699618	CHR5:11699618	SSF x LoA	-8,81019071	0,073	0,293

CHR5	11699656	CHR5:11699656	SSF x LoA	-6,70907421	0,008	0,315
CHR5	11699752	CHR5:11699752	SSF x LoA	-10,907277	0,076	0,293
CHR5	11699789	CHR5:11699789	SSF x LoA	-8,9745385	0,189	0,300
CHR5	11699794	CHR5:11699794	SSF x LoA	-9,41507683	-0,017	0,300
CHR5	11703466	CHR5:11703466	SSF x LoA	-8,48281758	-0,116	0,308
CHR5	11716424	CHR5:11716424	SSF x LoA	-11,5824376	0,015	0,293
CHR5	11716601	CHR5:11716601	SSF x LoA	-9,48273557	-0,028	0,310
CHR5	11739864	CHR5:11739864	SSF x LoA	-8,41109036	0,040	0,300
CHR5	11741103	CHR5:11741103	SSF x LoA	1,4990076	-0,152	0,315
CHR5	11749123	CHR5:11749123	SSF x LoA	-8,6360504	0,013	0,316
CHR5	11749181	CHR5:11749181	SSF x LoA	-11,6296501	-0,050	0,304
CHR5	11749184	CHR5:11749184	SSF x LoA	-10,9654378	-0,069	0,306
CHR5	11749186	CHR5:11749186	SSF x LoA	-11,2532849	-0,039	0,300
CHR5	11752783	CHR5:11752783	SSF x LoA	-7,77176863	0,052	0,309
CHR5	11752836	CHR5:11752836	SSF x LoA	-8,63189	-0,014	0,314
CHR5	11752862	CHR5:11752862	SSF x LoA	-8,53002593	-0,085	0,312
CHR5	11752896	CHR5:11752896	SSF x LoA	-9,1727097	-0,029	0,307
CHR5	11762841	CHR5:11762841	SSF x LoA	-9,61769453	0,014	0,320
CHR5	11763034	CHR5:11763034	SSF x LoA	-10,4284026	0,042	0,305
CHR5	11763046	CHR5:11763046	SSF x LoA	-11,6648172	0,049	0,306
CHR5	1176510	CHR5:1176510	SSF x LoA	-8,70764837	0,021	0,323
CHR5	11816871	CHR5:11816871	SSF x LoA	-8,14839023	-0,018	0,312
CHR5	11867886	CHR5:11867886	SSF x LoA	-9,82578367	-0,048	0,292
CHR5	11875663	CHR5:11875663	SSF x LoA	-8,99392932	0,022	0,312
CHR5	11875736	CHR5:11875736	SSF x LoA	-8,85417105	-0,023	0,317
CHR5	11878856	CHR5:11878856	SSF x LoA	-11,5140855	0,020	0,310
CHR5	11878861	CHR5:11878861	SSF x LoA	-8,66276377	-0,080	0,297
CHR5	11878882	CHR5:11878882	SSF x LoA	-8,82326979	-0,006	0,308
CHR5	11878930	CHR5:11878930	SSF x LoA	-10,4681058	-0,054	0,305
CHR5	11885685	CHR5:11885685	SSF x LoA	-10,4757314	0,124	0,298
CHR5	11885760	CHR5:11885760	SSF x LoA	-9,05970633	-0,121	0,290
CHR5	11885797	CHR5:11885797	SSF x LoA	-8,61926225	-0,078	0,309
CHR5	11890296	CHR5:11890296	SSF x LoA	-8,55018276	-0,035	0,300
CHR5	11890349	CHR5:11890349	SSF x LoA	-7,89375028	-0,128	0,309
CHR5	11890528	CHR5:11890528	SSF x LoA	-7,06567236	-0,005	0,299
CHR5	11902217	CHR5:11902217	SSF x LoA	-9,301281	0,063	0,308
CHR5	1192764	CHR5:1192764	SSF x LoA	-8,75187616	0,082	0,321
CHR5	11934405	CHR5:11934405	SSF x LoA	-8,92436397	-0,033	0,305
CHR5	11936120	CHR5:11936120	SSF x LoA	-9,24385234	-0,006	0,320
CHR5	11936175	CHR5:11936175	SSF x LoA	-9,6306975	0,093	0,314
CHR5	11936187	CHR5:11936187	SSF x LoA	-11,4546965	0,103	0,315
CHR5	11936247	CHR5:11936247	SSF x LoA	-8,22241841	-0,087	0,308
CHR5	11941298	CHR5:11941298	SSF x LoA	-11,2835434	-0,049	0,300
CHR5	11941318	CHR5:11941318	SSF x LoA	-10,1213294	-0,063	0,292
CHR5	11941321	CHR5:11941321	SSF x LoA	-10,942595	-0,062	0,297
CHR5	11941347	CHR5:11941347	SSF x LoA	-4,0351175	0,255	0,282
CHR5	11941382	CHR5:11941382	SSF x LoA	-9,9960748	0,036	0,314
CHR5	11941399	CHR5:11941399	SSF x LoA	-10,3581098	-0,068	0,310
CHR5	11941409	CHR5:11941409	SSF x LoA	-11,2818403	-0,048	0,305
CHR5	11941410	CHR5:11941410	SSF x LoA	-10,3229811	-0,050	0,303
CHR5	11941424	CHR5:11941424	SSF x LoA	-10,9846794	0,014	0,287
CHR5	11941502	CHR5:11941502	SSF x LoA	-8,58703186	0,057	0,306
CHR5	11941538	CHR5:11941538	SSF x LoA	-9,73680191	-0,045	0,293

CHR5	12016650	CHR5:12016650	SSF x LoA	-11,4447385	0,009	0,301
CHR5	12031031	CHR5:12031031	SSF x LoA	-10,1104041	-0,124	0,303
CHR5	1203622	CHR5:1203622	SSF x LoA	-6,90295086	0,168	0,298
CHR5	1203709	CHR5:1203709	SSF x LoA	-2,54731504	0,174	0,296
CHR5	1203751	CHR5:1203751	SSF x LoA	-10,4035904	-0,039	0,304
CHR5	1203835	CHR5:1203835	SSF x LoA	-10,0454612	0,033	0,314
CHR5	12040782	CHR5:12040782	SSF x LoA	-8,82546414	0,014	0,306
CHR5	12040842	CHR5:12040842	SSF x LoA	-10,2079436	0,054	0,298
CHR5	12063984	CHR5:12063984	SSF x LoA	-11,2991274	0,044	0,309
CHR5	12064151	CHR5:12064151	SSF x LoA	-11,8212322	0,069	0,309
CHR5	12073204	CHR5:12073204	SSF x LoA	-7,65575998	0,006	0,316
CHR5	12073205	CHR5:12073205	SSF x LoA	-6,986918	-0,011	0,318
CHR5	12073245	CHR5:12073245	SSF x LoA	-8,64770094	-0,067	0,308
CHR5	12073252	CHR5:12073252	SSF x LoA	-8,80055582	-0,022	0,312
CHR5	12073347	CHR5:12073347	SSF x LoA	-10,1203799	-0,094	0,314
CHR5	12073396	CHR5:12073396	SSF x LoA	-6,70440886	-0,017	0,298
CHR5	12078748	CHR5:12078748	SSF x LoA	-9,24562934	-0,094	0,304
CHR5	12078819	CHR5:12078819	SSF x LoA	-9,19044518	0,015	0,323
CHR5	12086756	CHR5:12086756	SSF x LoA	-9,2841237	0,109	0,308
CHR5	12086792	CHR5:12086792	SSF x LoA	-9,6840056	-0,062	0,311
CHR5	12086871	CHR5:12086871	SSF x LoA	-5,73841106	-0,058	0,307
CHR5	12086875	CHR5:12086875	SSF x LoA	-8,40172784	-0,101	0,314
CHR5	12086878	CHR5:12086878	SSF x LoA	-8,7355072	-0,062	0,306
CHR5	12086887	CHR5:12086887	SSF x LoA	-9,54597135	-0,032	0,302
CHR5	12086900	CHR5:12086900	SSF x LoA	-9,10292367	-0,048	0,306
CHR5	12086915	CHR5:12086915	SSF x LoA	-4,69261232	-0,074	0,320
CHR5	12115901	CHR5:12115901	SSF x LoA	-8,11648176	0,091	0,310
CHR5	12115961	CHR5:12115961	SSF x LoA	-4,89881527	-0,149	0,308
CHR5	12119476	CHR5:12119476	SSF x LoA	-8,12924438	-0,029	0,303
CHR5	12119477	CHR5:12119477	SSF x LoA	-9,3379942	-0,023	0,292
CHR5	12119495	CHR5:12119495	SSF x LoA	-9,5896809	0,123	0,303
CHR5	12119572	CHR5:12119572	SSF x LoA	-7,22045251	-0,083	0,317
CHR5	12119575	CHR5:12119575	SSF x LoA	-10,7018808	-0,127	0,299
CHR5	12119586	CHR5:12119586	SSF x LoA	-5,52008052	0,142	0,314
CHR5	12119598	CHR5:12119598	SSF x LoA	-7,74492404	0,081	0,305
CHR5	12119679	CHR5:12119679	SSF x LoA	-6,76285206	-0,171	0,300
CHR5	12119726	CHR5:12119726	SSF x LoA	-9,53196472	-0,115	0,298
CHR5	12122758	CHR5:12122758	SSF x LoA	-6,06291331	0,140	0,313
CHR5	12122850	CHR5:12122850	SSF x LoA	-11,8314317	-0,018	0,312
CHR5	12122879	CHR5:12122879	SSF x LoA	-7,92777656	0,158	0,302
CHR5	12129774	CHR5:12129774	SSF x LoA	-10,3748418	-0,058	0,300
CHR5	12129798	CHR5:12129798	SSF x LoA	-8,40071524	-0,024	0,303
CHR5	12129802	CHR5:12129802	SSF x LoA	-8,55521074	0,017	0,308
CHR5	12129806	CHR5:12129806	SSF x LoA	-9,08291536	-0,009	0,303
CHR5	12131144	CHR5:12131144	SSF x LoA	-9,07490775	0,074	0,282
CHR5	12131166	CHR5:12131166	SSF x LoA	-5,46217296	-0,011	0,302
CHR5	12131170	CHR5:12131170	SSF x LoA	-9,20271033	0,001	0,310
CHR5	12131214	CHR5:12131214	SSF x LoA	-10,0724757	-0,114	0,302
CHR5	12136997	CHR5:12136997	SSF x LoA	-8,54211969	0,132	0,300
CHR5	1214650	CHR5:1214650	SSF x LoA	-10,4625537	-0,040	0,311
CHR5	12154253	CHR5:12154253	SSF x LoA	-7,81810925	0,025	0,317
CHR5	12177270	CHR5:12177270	SSF x LoA	-8,35067173	0,008	0,316
CHR5	12177352	CHR5:12177352	SSF x LoA	-5,98397632	0,026	0,303

CHR5	12181983	CHR5:12181983	SSF x LoA	-4,03048198	0,114	0,309
CHR5	12182037	CHR5:12182037	SSF x LoA	-10,3952394	-0,044	0,324
CHR5	12182101	CHR5:12182101	SSF x LoA	-9,71488163	-0,071	0,310
CHR5	12182132	CHR5:12182132	SSF x LoA	-7,91051582	-0,016	0,324
CHR5	1219427	CHR5:1219427	SSF x LoA	-11,1713014	-0,091	0,307
CHR5	12195365	CHR5:12195365	SSF x LoA	-7,10404249	0,085	0,302
CHR5	12200017	CHR5:12200017	SSF x LoA	-4,61817109	-0,167	0,300
CHR5	12200035	CHR5:12200035	SSF x LoA	-9,23911581	0,002	0,303
CHR5	12200155	CHR5:12200155	SSF x LoA	-8,21589197	0,124	0,305
CHR5	12200157	CHR5:12200157	SSF x LoA	-8,8337623	0,022	0,301
CHR5	12200230	CHR5:12200230	SSF x LoA	-8,69837539	-0,124	0,302
CHR5	12202419	CHR5:12202419	SSF x LoA	-10,7839983	-0,033	0,298
CHR5	12202448	CHR5:12202448	SSF x LoA	-5,9759599	0,087	0,313
CHR5	12202471	CHR5:12202471	SSF x LoA	-8,71867312	-0,098	0,323
CHR5	12202484	CHR5:12202484	SSF x LoA	-9,87533487	0,023	0,295
CHR5	12202604	CHR5:12202604	SSF x LoA	-9,64863387	0,043	0,307
CHR5	12212719	CHR5:12212719	SSF x LoA	-10,3506036	0,058	0,315
CHR5	12212721	CHR5:12212721	SSF x LoA	-7,79208482	-0,150	0,304
CHR5	12212728	CHR5:12212728	SSF x LoA	-8,35007335	-0,142	0,297
CHR5	12212730	CHR5:12212730	SSF x LoA	-10,6487828	-0,059	0,302
CHR5	12212736	CHR5:12212736	SSF x LoA	10,5322032	-0,180	0,309
CHR5	12212737	CHR5:12212737	SSF x LoA	-7,85128256	-0,125	0,295
CHR5	12212750	CHR5:12212750	SSF x LoA	-9,58389157	-0,045	0,298
CHR5	12212756	CHR5:12212756	SSF x LoA	-7,33745683	-0,162	0,291
CHR5	12212787	CHR5:12212787	SSF x LoA	-9,05088904	0,029	0,320
CHR5	12212802	CHR5:12212802	SSF x LoA	-9,38124643	0,020	0,309
CHR5	12212821	CHR5:12212821	SSF x LoA	0,39160129	0,008	0,325
CHR5	12212834	CHR5:12212834	SSF x LoA	-10,4769698	0,014	0,306
CHR5	12212844	CHR5:12212844	SSF x LoA	-9,35583078	0,155	0,291
CHR5	12212968	CHR5:12212968	SSF x LoA	-11,2701146	-0,037	0,308
CHR5	12229270	CHR5:12229270	SSF x LoA	-7,77832129	0,057	0,292
CHR5	12229367	CHR5:12229367	SSF x LoA	-10,4881726	0,036	0,307
CHR5	12243121	CHR5:12243121	SSF x LoA	-9,34928336	0,110	0,296
CHR5	12243124	CHR5:12243124	SSF x LoA	-8,13519767	-0,139	0,295
CHR5	12243165	CHR5:12243165	SSF x LoA	-5,80746074	0,140	0,305
CHR5	12265328	CHR5:12265328	SSF x LoA	-8,91207016	0,201	0,287
CHR5	12265391	CHR5:12265391	SSF x LoA	-12,2512462	-0,016	0,296
CHR5	12265392	CHR5:12265392	SSF x LoA	-10,2252729	0,004	0,320
CHR5	12266099	CHR5:12266099	SSF x LoA	-7,77635319	-0,023	0,303
CHR5	1227227	CHR5:1227227	SSF x LoA	-7,69520132	-0,050	0,316
CHR5	1227255	CHR5:1227255	SSF x LoA	-7,88854281	0,081	0,292
CHR5	1227258	CHR5:1227258	SSF x LoA	-9,27284634	-0,033	0,315
CHR5	1227269	CHR5:1227269	SSF x LoA	-9,54108669	-0,023	0,306
CHR5	1227272	CHR5:1227272	SSF x LoA	-9,40617778	-0,037	0,303
CHR5	1227288	CHR5:1227288	SSF x LoA	-9,35125935	-0,054	0,305
CHR5	1227338	CHR5:1227338	SSF x LoA	-10,2989736	-0,041	0,311
CHR5	1227341	CHR5:1227341	SSF x LoA	-11,29917	-0,032	0,305
CHR5	12274741	CHR5:12274741	SSF x LoA	-8,37041609	-0,017	0,315
CHR5	12274789	CHR5:12274789	SSF x LoA	-11,0157221	-0,021	0,297
CHR5	12274790	CHR5:12274790	SSF x LoA	-10,5642456	0,006	0,314
CHR5	12274809	CHR5:12274809	SSF x LoA	-9,68643593	0,113	0,310
CHR5	12298037	CHR5:12298037	SSF x LoA	-8,74703036	-0,023	0,306
CHR5	12298038	CHR5:12298038	SSF x LoA	-9,05461708	-0,012	0,306

CHR5	12298146	CHR5:12298146	SSF x LoA	-8,13149993	-0,064	0,306
CHR5	12298171	CHR5:12298171	SSF x LoA	-6,77339814	0,041	0,305
CHR5	12298292	CHR5:12298292	SSF x LoA	-7,77820816	0,107	0,309
CHR5	12298300	CHR5:12298300	SSF x LoA	-7,30106705	0,080	0,312
CHR5	12314565	CHR5:12314565	SSF x LoA	-11,2015594	-0,017	0,306
CHR5	12314737	CHR5:12314737	SSF x LoA	-10,8690184	-0,100	0,292
CHR5	12319784	CHR5:12319784	SSF x LoA	-7,2571614	-0,003	0,307
CHR5	12319788	CHR5:12319788	SSF x LoA	-11,7331879	-0,009	0,301
CHR5	12319791	CHR5:12319791	SSF x LoA	-10,0551114	0,048	0,309
CHR5	12319793	CHR5:12319793	SSF x LoA	-9,35948953	-0,046	0,303
CHR5	12319918	CHR5:12319918	SSF x LoA	-9,21019933	-0,088	0,321
CHR5	1235575	CHR5:1235575	SSF x LoA	-8,45874413	0,094	0,312
CHR5	12365238	CHR5:12365238	SSF x LoA	-8,9973939	0,095	0,298
CHR5	12365320	CHR5:12365320	SSF x LoA	-8,50748923	0,001	0,298
CHR5	12365329	CHR5:12365329	SSF x LoA	-9,45161054	0,063	0,297
CHR5	12365332	CHR5:12365332	SSF x LoA	-9,93512257	-0,014	0,303
CHR5	12365449	CHR5:12365449	SSF x LoA	-11,2811766	0,046	0,298
CHR5	12365471	CHR5:12365471	SSF x LoA	-12,3498809	-0,040	0,301
CHR5	12369090	CHR5:12369090	SSF x LoA	-5,88747045	-0,046	0,304
CHR5	12369091	CHR5:12369091	SSF x LoA	-8,5854539	-0,041	0,317
CHR5	12369122	CHR5:12369122	SSF x LoA	-8,41466658	0,102	0,305
CHR5	12369212	CHR5:12369212	SSF x LoA	0,16884943	0,090	0,303
CHR5	12369217	CHR5:12369217	SSF x LoA	-10,6254906	0,022	0,290
CHR5	12372075	CHR5:12372075	SSF x LoA	-11,4499327	0,096	0,312
CHR5	12372078	CHR5:12372078	SSF x LoA	-8,97340614	-0,039	0,324
CHR5	12372113	CHR5:12372113	SSF x LoA	-8,63424022	0,081	0,312
CHR5	12372271	CHR5:12372271	SSF x LoA	-8,79186554	0,073	0,322
CHR5	12372305	CHR5:12372305	SSF x LoA	-9,5659262	-0,020	0,307
CHR5	12384798	CHR5:12384798	SSF x LoA	-9,96123933	-0,071	0,314
CHR5	12384806	CHR5:12384806	SSF x LoA	-10,5873799	0,009	0,313
CHR5	12384835	CHR5:12384835	SSF x LoA	-8,0570136	0,097	0,306
CHR5	12384899	CHR5:12384899	SSF x LoA	-9,47741969	0,133	0,310
CHR5	12385005	CHR5:12385005	SSF x LoA	-9,09313058	-0,060	0,307
CHR5	12385023	CHR5:12385023	SSF x LoA	-9,05841834	0,053	0,300
CHR5	12385088	CHR5:12385088	SSF x LoA	-7,78403576	-0,030	0,302
CHR5	1239789	CHR5:1239789	SSF x LoA	-10,7803579	-0,106	0,289
CHR5	12402909	CHR5:12402909	SSF x LoA	-8,33221175	0,082	0,313
CHR5	12402990	CHR5:12402990	SSF x LoA	-9,39216167	0,143	0,303
CHR5	12403034	CHR5:12403034	SSF x LoA	-9,74099845	-0,074	0,304
CHR5	12404669	CHR5:12404669	SSF x LoA	-11,3949259	-0,055	0,318
CHR5	12404671	CHR5:12404671	SSF x LoA	-8,31002245	-0,016	0,322
CHR5	12404700	CHR5:12404700	SSF x LoA	-10,8386941	0,022	0,306
CHR5	12404765	CHR5:12404765	SSF x LoA	-9,348695	-0,132	0,307
CHR5	12404788	CHR5:12404788	SSF x LoA	-6,19741756	0,186	0,301
CHR5	12404802	CHR5:12404802	SSF x LoA	-1,88110481	-0,175	0,303
CHR5	12404808	CHR5:12404808	SSF x LoA	-9,83027509	0,043	0,317
CHR5	12404822	CHR5:12404822	SSF x LoA	-5,63299446	0,013	0,317
CHR5	12404904	CHR5:12404904	SSF x LoA	-6,86360753	-0,114	0,306
CHR5	1240534	CHR5:1240534	SSF x LoA	-7,5558635	-0,079	0,299
CHR5	12423330	CHR5:12423330	SSF x LoA	-7,89036531	0,065	0,303
CHR5	12423358	CHR5:12423358	SSF x LoA	-7,37414413	0,146	0,285
CHR5	12423362	CHR5:12423362	SSF x LoA	-7,51305729	-0,051	0,319
CHR5	12423379	CHR5:12423379	SSF x LoA	-10,864449	-0,038	0,321

CHR5	12423382	CHR5:12423382	SSF x LoA	-9,1614853	-0,047	0,296
CHR5	12423447	CHR5:12423447	SSF x LoA	-9,08746176	0,096	0,314
CHR5	12423492	CHR5:12423492	SSF x LoA	-9,03895295	-0,043	0,300
CHR5	12423516	CHR5:12423516	SSF x LoA	-9,87747465	-0,093	0,301
CHR5	1242726	CHR5:1242726	SSF x LoA	-10,2622589	-0,018	0,312
CHR5	12441250	CHR5:12441250	SSF x LoA	-10,3755878	-0,015	0,299
CHR5	12441276	CHR5:12441276	SSF x LoA	-8,64859609	0,057	0,294
CHR5	12441455	CHR5:12441455	SSF x LoA	-7,69358873	-0,025	0,311
CHR5	12441514	CHR5:12441514	SSF x LoA	-7,37273806	-0,169	0,293
CHR5	12441631	CHR5:12441631	SSF x LoA	-6,43285125	0,191	0,298
CHR5	12453433	CHR5:12453433	SSF x LoA	-9,1869131	0,061	0,313
CHR5	12453454	CHR5:12453454	SSF x LoA	-12,1158892	0,004	0,303
CHR5	12453465	CHR5:12453465	SSF x LoA	-11,6462975	-0,049	0,309
CHR5	12456083	CHR5:12456083	SSF x LoA	-10,0206269	0,050	0,312
CHR5	12456148	CHR5:12456148	SSF x LoA	-8,83055315	0,139	0,312
CHR5	12456203	CHR5:12456203	SSF x LoA	-7,94194393	0,172	0,308
CHR5	12456233	CHR5:12456233	SSF x LoA	-6,59476918	-0,004	0,311
CHR5	12456235	CHR5:12456235	SSF x LoA	-10,3427012	0,049	0,323
CHR5	12456237	CHR5:12456237	SSF x LoA	-8,74789284	0,020	0,311
CHR5	12456251	CHR5:12456251	SSF x LoA	-6,62297122	0,150	0,319
CHR5	12456253	CHR5:12456253	SSF x LoA	-10,1819702	-0,044	0,298
CHR5	12456277	CHR5:12456277	SSF x LoA	-10,9893673	0,017	0,308
CHR5	12461151	CHR5:12461151	SSF x LoA	-6,64805718	0,117	0,303
CHR5	12461229	CHR5:12461229	SSF x LoA	-11,1945615	0,019	0,293
CHR5	12461240	CHR5:12461240	SSF x LoA	-9,62244497	0,164	0,298
CHR5	12461251	CHR5:12461251	SSF x LoA	-8,70181382	-0,172	0,308
CHR5	12461283	CHR5:12461283	SSF x LoA	-9,77735836	-0,012	0,303
CHR5	12461524	CHR5:12461524	SSF x LoA	-7,58104825	0,160	0,301
CHR5	12461572	CHR5:12461572	SSF x LoA	-10,5773706	0,151	0,299
CHR5	12462926	CHR5:12462926	SSF x LoA	-7,58001007	0,139	0,296
CHR5	12462929	CHR5:12462929	SSF x LoA	-8,87765201	0,149	0,302
CHR5	12463058	CHR5:12463058	SSF x LoA	-7,38070966	-0,032	0,290
CHR5	12468748	CHR5:12468748	SSF x LoA	-11,6659584	0,006	0,309
CHR5	12468749	CHR5:12468749	SSF x LoA	-10,1440699	0,008	0,310
CHR5	12468902	CHR5:12468902	SSF x LoA	-10,4357736	0,018	0,314
CHR5	12468925	CHR5:12468925	SSF x LoA	-10,5201087	0,094	0,294
CHR5	12468961	CHR5:12468961	SSF x LoA	-11,033321	-0,017	0,307
CHR5	12468964	CHR5:12468964	SSF x LoA	-9,75109726	-0,081	0,295
CHR5	12469030	CHR5:12469030	SSF x LoA	-8,59945155	0,096	0,319
CHR5	12485588	CHR5:12485588	SSF x LoA	-11,8833723	0,028	0,308
CHR5	12496657	CHR5:12496657	SSF x LoA	0,15472693	-0,166	0,302
CHR5	12496663	CHR5:12496663	SSF x LoA	-8,42462631	0,165	0,288
CHR5	12496708	CHR5:12496708	SSF x LoA	-7,17867575	-0,075	0,301
CHR5	12496709	CHR5:12496709	SSF x LoA	-9,67488624	0,072	0,305
CHR5	12496713	CHR5:12496713	SSF x LoA	-8,68868977	-0,028	0,326
CHR5	12496775	CHR5:12496775	SSF x LoA	-10,0978693	0,053	0,295
CHR5	12496818	CHR5:12496818	SSF x LoA	-7,34595798	0,135	0,308
CHR5	12496832	CHR5:12496832	SSF x LoA	-8,485289	0,097	0,313
CHR5	12496862	CHR5:12496862	SSF x LoA	-10,0233893	-0,075	0,299
CHR5	12509214	CHR5:12509214	SSF x LoA	-7,04101695	0,034	0,317
CHR5	12509253	CHR5:12509253	SSF x LoA	-10,1432457	0,075	0,301
CHR5	12509257	CHR5:12509257	SSF x LoA	-10,2449964	-0,013	0,309
CHR5	12509261	CHR5:12509261	SSF x LoA	-9,72732131	-0,044	0,314

CHR5	12509306	CHR5:12509306	SSF x LoA	-10,8847043	0,011	0,303
CHR5	12509308	CHR5:12509308	SSF x LoA	-11,0147319	0,004	0,304
CHR5	12509312	CHR5:12509312	SSF x LoA	-8,58599671	0,028	0,305
CHR5	12510357	CHR5:12510357	SSF x LoA	-9,25538405	-0,010	0,297
CHR5	12510385	CHR5:12510385	SSF x LoA	-10,3944136	0,030	0,304
CHR5	12510390	CHR5:12510390	SSF x LoA	-3,212126	0,015	0,317
CHR5	12510392	CHR5:12510392	SSF x LoA	-7,40325012	-0,102	0,308
CHR5	12510393	CHR5:12510393	SSF x LoA	-10,343651	-0,012	0,305
CHR5	12510399	CHR5:12510399	SSF x LoA	-10,2182959	0,003	0,315
CHR5	12510579	CHR5:12510579	SSF x LoA	-10,0783891	-0,084	0,307
CHR5	12510580	CHR5:12510580	SSF x LoA	-9,04863047	-0,056	0,302
CHR5	12523952	CHR5:12523952	SSF x LoA	-10,1798204	-0,104	0,309
CHR5	12524060	CHR5:12524060	SSF x LoA	-10,1331211	-0,010	0,303
CHR5	12524138	CHR5:12524138	SSF x LoA	-7,27266984	-0,164	0,300
CHR5	12533327	CHR5:12533327	SSF x LoA	-10,5830406	-0,007	0,308
CHR5	12533337	CHR5:12533337	SSF x LoA	-8,80628669	-0,030	0,314
CHR5	12533342	CHR5:12533342	SSF x LoA	-8,77323147	-0,002	0,306
CHR5	12533350	CHR5:12533350	SSF x LoA	-7,93366402	-0,104	0,299
CHR5	12533389	CHR5:12533389	SSF x LoA	-1,7382153	0,019	0,320
CHR5	12533419	CHR5:12533419	SSF x LoA	-10,8997472	-0,090	0,312
CHR5	12533427	CHR5:12533427	SSF x LoA	-8,55376205	0,095	0,309
CHR5	12533451	CHR5:12533451	SSF x LoA	-8,320888	0,085	0,314
CHR5	12533459	CHR5:12533459	SSF x LoA	-7,13041278	0,056	0,297
CHR5	12533932	CHR5:12533932	SSF x LoA	-9,4963024	-0,069	0,318
CHR5	12534036	CHR5:12534036	SSF x LoA	-10,6435877	-0,066	0,310
CHR5	12537496	CHR5:12537496	SSF x LoA	-10,7460465	-0,034	0,303
CHR5	12537526	CHR5:12537526	SSF x LoA	-9,50724001	-0,042	0,312
CHR5	12537546	CHR5:12537546	SSF x LoA	-10,5001136	-0,049	0,305
CHR5	12537633	CHR5:12537633	SSF x LoA	-8,73618239	0,000	0,313
CHR5	12537635	CHR5:12537635	SSF x LoA	-7,92355333	-0,017	0,311
CHR5	12537678	CHR5:12537678	SSF x LoA	-9,07242909	0,071	0,301
CHR5	12537699	CHR5:12537699	SSF x LoA	-7,98992712	0,039	0,318
CHR5	12540481	CHR5:12540481	SSF x LoA	-8,50884802	-0,018	0,311
CHR5	12540534	CHR5:12540534	SSF x LoA	-11,2324026	0,003	0,296
CHR5	12540535	CHR5:12540535	SSF x LoA	5,71283551	0,090	0,318
CHR5	12540593	CHR5:12540593	SSF x LoA	-9,6237338	0,079	0,300
CHR5	12540595	CHR5:12540595	SSF x LoA	-10,039725	0,093	0,302
CHR5	12540673	CHR5:12540673	SSF x LoA	-10,0506467	0,001	0,309
CHR5	12540682	CHR5:12540682	SSF x LoA	-10,1159013	0,022	0,305
CHR5	12554414	CHR5:12554414	SSF x LoA	-8,15012302	0,037	0,302
CHR5	12554503	CHR5:12554503	SSF x LoA	-9,02732563	0,067	0,293
CHR5	12554527	CHR5:12554527	SSF x LoA	-7,53977064	0,052	0,316
CHR5	12562060	CHR5:12562060	SSF x LoA	-7,93722548	0,117	0,293
CHR5	12562095	CHR5:12562095	SSF x LoA	-10,8062174	-0,084	0,307
CHR5	12562116	CHR5:12562116	SSF x LoA	-9,64212812	-0,072	0,291
CHR5	12562225	CHR5:12562225	SSF x LoA	-4,29215863	0,157	0,303
CHR5	12564499	CHR5:12564499	SSF x LoA	-9,1391606	0,023	0,308
CHR5	12564535	CHR5:12564535	SSF x LoA	-11,2227087	0,063	0,307
CHR5	12564659	CHR5:12564659	SSF x LoA	-2,34608929	-0,101	0,297
CHR5	12577943	CHR5:12577943	SSF x LoA	-8,01714546	-0,102	0,311
CHR5	12577965	CHR5:12577965	SSF x LoA	-7,06653346	0,212	0,307
CHR5	12598062	CHR5:12598062	SSF x LoA	-9,33326444	-0,098	0,307
CHR5	12598112	CHR5:12598112	SSF x LoA	-9,73919649	0,162	0,305

CHR5	12598142	CHR5:12598142	SSF x LoA	-11,5880658	0,002	0,292
CHR5	12598163	CHR5:12598163	SSF x LoA	-12,0158246	-0,021	0,307
CHR5	12634921	CHR5:12634921	SSF x LoA	-9,22275521	-0,009	0,319
CHR5	12635146	CHR5:12635146	SSF x LoA	-10,2058638	0,020	0,319
CHR5	12635181	CHR5:12635181	SSF x LoA	-8,12036741	-0,032	0,308
CHR5	12635204	CHR5:12635204	SSF x LoA	-8,77880668	0,017	0,318
CHR5	12635207	CHR5:12635207	SSF x LoA	-10,7200773	0,083	0,301
CHR5	126358	CHR5:126358	SSF x LoA	-8,72771003	0,048	0,300
CHR5	12653911	CHR5:12653911	SSF x LoA	-10,7443791	-0,093	0,305
CHR5	12653931	CHR5:12653931	SSF x LoA	-8,3668799	-0,084	0,304
CHR5	12699465	CHR5:12699465	SSF x LoA	-10,4160282	0,067	0,308
CHR5	12699496	CHR5:12699496	SSF x LoA	-5,75038676	-0,154	0,295
CHR5	12703511	CHR5:12703511	SSF x LoA	-6,8958861	-0,126	0,302
CHR5	1275506	CHR5:1275506	SSF x LoA	-6,4731396	-0,143	0,302
CHR5	12773143	CHR5:12773143	SSF x LoA	-9,47633152	0,095	0,305
CHR5	12773264	CHR5:12773264	SSF x LoA	-9,78658983	0,138	0,297
CHR5	12773283	CHR5:12773283	SSF x LoA	-10,0215172	0,118	0,298
CHR5	12773285	CHR5:12773285	SSF x LoA	-8,65299892	0,139	0,313
CHR5	12807927	CHR5:12807927	SSF x LoA	-2,4041049	0,002	0,317
CHR5	12807961	CHR5:12807961	SSF x LoA	-8,03064846	-0,176	0,298
CHR5	12807964	CHR5:12807964	SSF x LoA	-11,3914334	-0,004	0,308
CHR5	12811518	CHR5:12811518	SSF x LoA	-9,54395076	0,001	0,322
CHR5	12811548	CHR5:12811548	SSF x LoA	-5,0694326	0,151	0,302
CHR5	12811559	CHR5:12811559	SSF x LoA	-8,00934	0,147	0,303
CHR5	12811583	CHR5:12811583	SSF x LoA	-8,46170823	-0,087	0,302
CHR5	12818950	CHR5:12818950	SSF x LoA	-9,44326868	0,161	0,308
CHR5	12818977	CHR5:12818977	SSF x LoA	-3,72641509	0,253	0,281
CHR5	12824389	CHR5:12824389	SSF x LoA	-5,76763951	0,026	0,319
CHR5	12824418	CHR5:12824418	SSF x LoA	-11,046146	0,019	0,293
CHR5	12824491	CHR5:12824491	SSF x LoA	0,81511039	0,098	0,310
CHR5	12824823	CHR5:12824823	SSF x LoA	-11,6608416	0,030	0,305
CHR5	12824834	CHR5:12824834	SSF x LoA	-10,6410006	0,001	0,313
CHR5	12824868	CHR5:12824868	SSF x LoA	-7,85773566	-0,011	0,316
CHR5	12824873	CHR5:12824873	SSF x LoA	-7,16761588	0,005	0,309
CHR5	12824881	CHR5:12824881	SSF x LoA	-11,0806963	0,006	0,308
CHR5	12824914	CHR5:12824914	SSF x LoA	-10,2443125	0,020	0,312
CHR5	12824934	CHR5:12824934	SSF x LoA	-9,22964559	-0,035	0,298
CHR5	12837701	CHR5:12837701	SSF x LoA	-11,3602789	-0,037	0,307
CHR5	12837766	CHR5:12837766	SSF x LoA	-10,2899048	-0,020	0,299
CHR5	12837778	CHR5:12837778	SSF x LoA	-8,41424766	-0,009	0,300
CHR5	12837791	CHR5:12837791	SSF x LoA	-8,27836222	-0,094	0,301
CHR5	12837845	CHR5:12837845	SSF x LoA	-7,89823628	0,105	0,302
CHR5	12837861	CHR5:12837861	SSF x LoA	-5,44094833	0,176	0,306
CHR5	12837866	CHR5:12837866	SSF x LoA	-8,53714965	0,184	0,292
CHR5	12837930	CHR5:12837930	SSF x LoA	-8,21771566	-0,096	0,315
CHR5	12844801	CHR5:12844801	SSF x LoA	-7,3624178	0,028	0,322
CHR5	12851005	CHR5:12851005	SSF x LoA	-8,76201767	0,047	0,314
CHR5	12851009	CHR5:12851009	SSF x LoA	-5,28139737	0,044	0,305
CHR5	12851700	CHR5:12851700	SSF x LoA	-5,63877759	-0,149	0,303
CHR5	12851733	CHR5:12851733	SSF x LoA	-7,94491125	0,106	0,313
CHR5	12851735	CHR5:12851735	SSF x LoA	-9,10070116	0,104	0,304
CHR5	12851755	CHR5:12851755	SSF x LoA	-5,66234985	0,126	0,293
CHR5	12851766	CHR5:12851766	SSF x LoA	-10,15133	-0,036	0,295

CHR5	12851770	CHR5:12851770	SSF x LoA	-8,60414218	-0,083	0,308
CHR5	12868078	CHR5:12868078	SSF x LoA	-7,41207274	-0,125	0,289
CHR5	12868181	CHR5:12868181	SSF x LoA	-8,17174225	-0,020	0,307
CHR5	12873685	CHR5:12873685	SSF x LoA	-9,48303806	0,043	0,296
CHR5	12873763	CHR5:12873763	SSF x LoA	-4,64258409	-0,057	0,318
CHR5	12873799	CHR5:12873799	SSF x LoA	-12,07895	0,011	0,301
CHR5	12873839	CHR5:12873839	SSF x LoA	-10,4472285	0,069	0,312
CHR5	12873876	CHR5:12873876	SSF x LoA	-7,02987352	-0,091	0,317
CHR5	12873878	CHR5:12873878	SSF x LoA	-8,09229987	0,085	0,303
CHR5	12885919	CHR5:12885919	SSF x LoA	-10,4229716	-0,025	0,303
CHR5	12885931	CHR5:12885931	SSF x LoA	-8,54277659	-0,033	0,319
CHR5	12886009	CHR5:12886009	SSF x LoA	-10,8116206	0,065	0,306
CHR5	12899309	CHR5:12899309	SSF x LoA	-8,99109706	0,105	0,311
CHR5	12902445	CHR5:12902445	SSF x LoA	-11,2461266	-0,072	0,316
CHR5	12902472	CHR5:12902472	SSF x LoA	-5,61746149	0,106	0,316
CHR5	12902506	CHR5:12902506	SSF x LoA	-9,53847974	-0,007	0,312
CHR5	12903615	CHR5:12903615	SSF x LoA	-11,5930051	0,028	0,292
CHR5	12903618	CHR5:12903618	SSF x LoA	-8,65436231	0,025	0,304
CHR5	12903660	CHR5:12903660	SSF x LoA	-10,8289472	0,023	0,307
CHR5	12903711	CHR5:12903711	SSF x LoA	-10,1358379	-0,060	0,307
CHR5	12908391	CHR5:12908391	SSF x LoA	-10,231539	0,096	0,305
CHR5	12908457	CHR5:12908457	SSF x LoA	-8,06604004	-0,018	0,313
CHR5	12908471	CHR5:12908471	SSF x LoA	-7,91501146	0,115	0,311
CHR5	12908515	CHR5:12908515	SSF x LoA	-7,7475435	0,121	0,296
CHR5	12908527	CHR5:12908527	SSF x LoA	-9,26883817	0,088	0,305
CHR5	12908528	CHR5:12908528	SSF x LoA	-8,65865645	-0,163	0,296
CHR5	12908536	CHR5:12908536	SSF x LoA	-7,3017785	-0,071	0,317
CHR5	12908554	CHR5:12908554	SSF x LoA	-9,16329709	-0,077	0,311
CHR5	12916232	CHR5:12916232	SSF x LoA	-9,55332318	-0,137	0,297
CHR5	12916255	CHR5:12916255	SSF x LoA	-10,532634	0,026	0,304
CHR5	12916267	CHR5:12916267	SSF x LoA	-8,59577585	-0,063	0,305
CHR5	12926078	CHR5:12926078	SSF x LoA	-8,36079156	0,059	0,303
CHR5	12938965	CHR5:12938965	SSF x LoA	-7,97736881	0,016	0,301
CHR5	12950695	CHR5:12950695	SSF x LoA	-11,3291561	-0,011	0,311
CHR5	12950738	CHR5:12950738	SSF x LoA	-8,36088202	0,055	0,310
CHR5	12966180	CHR5:12966180	SSF x LoA	-9,57609229	-0,015	0,296
CHR5	12966298	CHR5:12966298	SSF x LoA	-8,95163967	0,053	0,313
CHR5	12966361	CHR5:12966361	SSF x LoA	-10,8144156	0,076	0,297
CHR5	12966366	CHR5:12966366	SSF x LoA	-9,00982491	0,020	0,301
CHR5	12966490	CHR5:12966490	SSF x LoA	-9,09865673	0,030	0,310
CHR5	12970324	CHR5:12970324	SSF x LoA	-8,70854168	0,046	0,314
CHR5	12970355	CHR5:12970355	SSF x LoA	-10,2440966	0,006	0,328
CHR5	12970432	CHR5:12970432	SSF x LoA	-11,202555	-0,035	0,297
CHR5	12978916	CHR5:12978916	SSF x LoA	-9,26084777	-0,063	0,310
CHR5	12978970	CHR5:12978970	SSF x LoA	-5,50447643	-0,148	0,288
CHR5	12978971	CHR5:12978971	SSF x LoA	-9,39953224	0,049	0,310
CHR5	12978976	CHR5:12978976	SSF x LoA	-6,69168737	-0,066	0,301
CHR5	12979096	CHR5:12979096	SSF x LoA	-12,0070249	0,082	0,305
CHR5	12980198	CHR5:12980198	SSF x LoA	-11,0169461	-0,090	0,299
CHR5	12980284	CHR5:12980284	SSF x LoA	-10,1716068	0,092	0,317
CHR5	12980330	CHR5:12980330	SSF x LoA	-9,72716489	-0,087	0,300
CHR5	12980341	CHR5:12980341	SSF x LoA	-7,69953407	-0,110	0,321
CHR5	12982929	CHR5:12982929	SSF x LoA	-7,42194247	0,146	0,294

CHR5	12988625	CHR5:12988625	SSF x LoA	-8,4599507	-0,125	0,302
CHR5	12988626	CHR5:12988626	SSF x LoA	-11,3170444	0,006	0,295
CHR5	12988651	CHR5:12988651	SSF x LoA	-9,3569433	-0,065	0,304
CHR5	12988681	CHR5:12988681	SSF x LoA	-11,2884781	0,031	0,299
CHR5	12988799	CHR5:12988799	SSF x LoA	-11,0394505	0,051	0,296
CHR5	12992345	CHR5:12992345	SSF x LoA	-11,7010658	-0,033	0,299
CHR5	12992406	CHR5:12992406	SSF x LoA	-8,56657685	0,026	0,310
CHR5	12992417	CHR5:12992417	SSF x LoA	-10,7456152	0,026	0,298
CHR5	12992476	CHR5:12992476	SSF x LoA	-9,5932913	-0,126	0,315
CHR5	12992511	CHR5:12992511	SSF x LoA	-9,60708369	-0,095	0,310
CHR5	12992577	CHR5:12992577	SSF x LoA	-9,13335274	-0,040	0,304
CHR5	12992596	CHR5:12992596	SSF x LoA	-11,3146198	0,071	0,303
CHR5	12992597	CHR5:12992597	SSF x LoA	-9,32190509	-0,105	0,304
CHR5	13015033	CHR5:13015033	SSF x LoA	-10,2698738	0,072	0,320
CHR5	13037089	CHR5:13037089	SSF x LoA	-7,56592498	-0,048	0,321
CHR5	13040146	CHR5:13040146	SSF x LoA	-7,93766699	-0,066	0,322
CHR5	13040264	CHR5:13040264	SSF x LoA	-8,66087757	-0,024	0,291
CHR5	13040292	CHR5:13040292	SSF x LoA	-10,1597369	-0,066	0,292
CHR5	13046962	CHR5:13046962	SSF x LoA	-9,17579327	0,033	0,304
CHR5	13046969	CHR5:13046969	SSF x LoA	-7,30174947	-0,017	0,321
CHR5	13047007	CHR5:13047007	SSF x LoA	-12,1507808	0,015	0,288
CHR5	13047359	CHR5:13047359	SSF x LoA	-0,59721515	0,135	0,300
CHR5	13047367	CHR5:13047367	SSF x LoA	-10,4744234	0,116	0,307
CHR5	13047379	CHR5:13047379	SSF x LoA	-8,91536607	0,063	0,312
CHR5	13047395	CHR5:13047395	SSF x LoA	-10,1129924	-0,041	0,305
CHR5	13047399	CHR5:13047399	SSF x LoA	-2,17079692	0,044	0,319
CHR5	13047412	CHR5:13047412	SSF x LoA	-8,86558638	0,053	0,302
CHR5	13059718	CHR5:13059718	SSF x LoA	-6,82408731	0,101	0,305
CHR5	13059755	CHR5:13059755	SSF x LoA	-8,70694894	-0,050	0,308
CHR5	13059760	CHR5:13059760	SSF x LoA	-8,96414858	0,019	0,304
CHR5	13059765	CHR5:13059765	SSF x LoA	-6,42210731	0,027	0,302
CHR5	13059798	CHR5:13059798	SSF x LoA	-10,3829139	0,010	0,307
CHR5	13074881	CHR5:13074881	SSF x LoA	-9,65256886	0,034	0,290
CHR5	13074882	CHR5:13074882	SSF x LoA	-9,92664814	-0,016	0,307
CHR5	13074888	CHR5:13074888	SSF x LoA	-10,0971437	-0,058	0,298
CHR5	13074890	CHR5:13074890	SSF x LoA	-8,75803587	0,069	0,315
CHR5	13074925	CHR5:13074925	SSF x LoA	-7,92063647	0,173	0,289
CHR5	13074980	CHR5:13074980	SSF x LoA	-7,64346722	0,010	0,295
CHR5	13074985	CHR5:13074985	SSF x LoA	-8,67357284	0,012	0,302
CHR5	13074998	CHR5:13074998	SSF x LoA	-9,93010231	-0,005	0,309
CHR5	13075019	CHR5:13075019	SSF x LoA	-8,59637851	0,079	0,302
CHR5	13095906	CHR5:13095906	SSF x LoA	-7,4707816	-0,001	0,328
CHR5	13103335	CHR5:13103335	SSF x LoA	-10,7085491	0,076	0,320
CHR5	13104234	CHR5:13104234	SSF x LoA	-4,92359539	0,186	0,316
CHR5	13104241	CHR5:13104241	SSF x LoA	-5,97962061	-0,158	0,303
CHR5	13107445	CHR5:13107445	SSF x LoA	-6,67716449	-0,106	0,319
CHR5	13107483	CHR5:13107483	SSF x LoA	-8,72018771	-0,054	0,310
CHR5	13107484	CHR5:13107484	SSF x LoA	-8,2472964	-0,065	0,309
CHR5	13112903	CHR5:13112903	SSF x LoA	-9,11134674	0,036	0,311
CHR5	13112970	CHR5:13112970	SSF x LoA	-10,4604922	-0,147	0,306
CHR5	13119048	CHR5:13119048	SSF x LoA	-10,4294819	-0,095	0,297
CHR5	13137333	CHR5:13137333	SSF x LoA	-9,2046162	0,009	0,302
CHR5	13137434	CHR5:13137434	SSF x LoA	-10,2854706	0,104	0,311

CHR5	13137435	CHR5:13137435	SSF x LoA	-10,5712948	0,095	0,308
CHR5	13137527	CHR5:13137527	SSF x LoA	-8,09368632	0,182	0,284
CHR5	13137536	CHR5:13137536	SSF x LoA	-8,32162269	-0,021	0,319
CHR5	13146593	CHR5:13146593	SSF x LoA	-9,61732167	-0,042	0,304
CHR5	13146594	CHR5:13146594	SSF x LoA	-10,7928465	-0,038	0,314
CHR5	13146700	CHR5:13146700	SSF x LoA	-9,4092332	-0,028	0,308
CHR5	13146779	CHR5:13146779	SSF x LoA	-9,38003368	-0,046	0,311
CHR5	13146810	CHR5:13146810	SSF x LoA	-8,97765191	0,102	0,313
CHR5	13146819	CHR5:13146819	SSF x LoA	-8,11037018	0,068	0,313
CHR5	13146836	CHR5:13146836	SSF x LoA	-9,56431932	-0,048	0,303
CHR5	1315314	CHR5:1315314	SSF x LoA	-7,39262451	0,125	0,302
CHR5	1315338	CHR5:1315338	SSF x LoA	-7,69218002	0,018	0,318
CHR5	13169942	CHR5:13169942	SSF x LoA	-9,22818287	-0,073	0,304
CHR5	13170002	CHR5:13170002	SSF x LoA	-3,29326763	0,092	0,295
CHR5	13170003	CHR5:13170003	SSF x LoA	-11,0400034	0,041	0,308
CHR5	13176098	CHR5:13176098	SSF x LoA	-7,27945995	0,016	0,313
CHR5	13176848	CHR5:13176848	SSF x LoA	-7,78542104	-0,083	0,313
CHR5	13176895	CHR5:13176895	SSF x LoA	-8,74518761	-0,132	0,293
CHR5	13176911	CHR5:13176911	SSF x LoA	-9,14980355	0,030	0,318
CHR5	13176918	CHR5:13176918	SSF x LoA	-10,2727026	0,068	0,317
CHR5	13176926	CHR5:13176926	SSF x LoA	-8,60880172	0,043	0,314
CHR5	13181614	CHR5:13181614	SSF x LoA	-7,51578757	-0,181	0,292
CHR5	13196989	CHR5:13196989	SSF x LoA	-11,3651024	0,034	0,307
CHR5	13197036	CHR5:13197036	SSF x LoA	-9,21513819	-0,080	0,302
CHR5	13197060	CHR5:13197060	SSF x LoA	-8,88210972	-0,038	0,298
CHR5	13197129	CHR5:13197129	SSF x LoA	-11,1202987	0,032	0,308
CHR5	13202185	CHR5:13202185	SSF x LoA	-2,71389846	-0,224	0,300
CHR5	13202218	CHR5:13202218	SSF x LoA	-5,1232232	0,108	0,303
CHR5	13212629	CHR5:13212629	SSF x LoA	-9,40736006	0,037	0,305
CHR5	13212644	CHR5:13212644	SSF x LoA	-8,70694596	-0,007	0,314
CHR5	13212674	CHR5:13212674	SSF x LoA	-11,1631358	0,032	0,312
CHR5	13212676	CHR5:13212676	SSF x LoA	-8,62880138	-0,023	0,303
CHR5	13212696	CHR5:13212696	SSF x LoA	-9,35561107	-0,004	0,276
CHR5	13212705	CHR5:13212705	SSF x LoA	-11,7322874	0,029	0,304
CHR5	13225705	CHR5:13225705	SSF x LoA	-10,7139423	0,002	0,304
CHR5	13225726	CHR5:13225726	SSF x LoA	-10,1224054	-0,006	0,289
CHR5	13236938	CHR5:13236938	SSF x LoA	-10,2641781	0,052	0,309
CHR5	13236947	CHR5:13236947	SSF x LoA	-7,2266655	0,193	0,281
CHR5	13236948	CHR5:13236948	SSF x LoA	-9,08585295	-0,071	0,300
CHR5	13237087	CHR5:13237087	SSF x LoA	-8,91833592	0,135	0,281
CHR5	13237102	CHR5:13237102	SSF x LoA	-8,09533245	-0,139	0,293
CHR5	13237114	CHR5:13237114	SSF x LoA	-1,82974414	-0,138	0,309
CHR5	13237133	CHR5:13237133	SSF x LoA	-7,53153606	0,155	0,284
CHR5	13238831	CHR5:13238831	SSF x LoA	-10,165905	-0,154	0,306
CHR5	13238997	CHR5:13238997	SSF x LoA	-5,76984185	0,178	0,293
CHR5	13239035	CHR5:13239035	SSF x LoA	-9,99689065	0,018	0,316
CHR5	1325480	CHR5:1325480	SSF x LoA	-8,18172116	-0,175	0,301
CHR5	13255284	CHR5:13255284	SSF x LoA	-11,1277397	0,051	0,303
CHR5	13255365	CHR5:13255365	SSF x LoA	-8,894621	-0,039	0,314
CHR5	13255404	CHR5:13255404	SSF x LoA	-6,15834905	0,052	0,306
CHR5	13255420	CHR5:13255420	SSF x LoA	-5,8785161	0,041	0,305
CHR5	13259721	CHR5:13259721	SSF x LoA	-1,09264844	0,192	0,302
CHR5	13259727	CHR5:13259727	SSF x LoA	-11,5523688	-0,002	0,305

CHR5	13259792	CHR5:13259792	SSF x LoA	-8,04513758	-0,095	0,294
CHR5	13260056	CHR5:13260056	SSF x LoA	-8,54969554	-0,176	0,301
CHR5	13266692	CHR5:13266692	SSF x LoA	-12,0596363	-0,016	0,310
CHR5	13266734	CHR5:13266734	SSF x LoA	-10,1915967	-0,079	0,298
CHR5	13266793	CHR5:13266793	SSF x LoA	-7,48970492	-0,135	0,311
CHR5	13270126	CHR5:13270126	SSF x LoA	-9,05397609	0,025	0,305
CHR5	13270498	CHR5:13270498	SSF x LoA	-8,20495722	-0,051	0,311
CHR5	13270555	CHR5:13270555	SSF x LoA	-10,2563823	0,054	0,300
CHR5	13270559	CHR5:13270559	SSF x LoA	-7,25484322	0,173	0,289
CHR5	13281498	CHR5:13281498	SSF x LoA	-10,083231	-0,071	0,297
CHR5	13289659	CHR5:13289659	SSF x LoA	-8,47708937	-0,083	0,297
CHR5	13289725	CHR5:13289725	SSF x LoA	-7,81743108	-0,007	0,307
CHR5	13289774	CHR5:13289774	SSF x LoA	-8,55987891	0,033	0,316
CHR5	13289801	CHR5:13289801	SSF x LoA	-11,1075697	-0,073	0,303
CHR5	13289828	CHR5:13289828	SSF x LoA	-8,64100592	0,126	0,300
CHR5	13289844	CHR5:13289844	SSF x LoA	-10,0032585	-0,109	0,311
CHR5	13289848	CHR5:13289848	SSF x LoA	-4,71306751	0,194	0,298
CHR5	13289853	CHR5:13289853	SSF x LoA	-2,4760632	0,116	0,307
CHR5	13289877	CHR5:13289877	SSF x LoA	-8,61790975	0,105	0,300
CHR5	13289905	CHR5:13289905	SSF x LoA	-8,1384463	0,154	0,299
CHR5	13289957	CHR5:13289957	SSF x LoA	-11,1667872	0,091	0,305
CHR5	13289962	CHR5:13289962	SSF x LoA	-7,80316364	0,118	0,316
CHR5	13289964	CHR5:13289964	SSF x LoA	-9,59316432	0,126	0,302
CHR5	13303031	CHR5:13303031	SSF x LoA	-10,0252424	-0,100	0,295
CHR5	13303032	CHR5:13303032	SSF x LoA	-11,0827543	-0,005	0,308
CHR5	13309126	CHR5:13309126	SSF x LoA	-7,61887418	0,156	0,314
CHR5	13309155	CHR5:13309155	SSF x LoA	-8,7296504	-0,160	0,309
CHR5	13322731	CHR5:13322731	SSF x LoA	-11,9274428	0,023	0,308
CHR5	13322746	CHR5:13322746	SSF x LoA	-8,31663461	-0,129	0,295
CHR5	13322754	CHR5:13322754	SSF x LoA	-7,0402197	0,074	0,317
CHR5	13337123	CHR5:13337123	SSF x LoA	-8,66922892	-0,063	0,310
CHR5	13337136	CHR5:13337136	SSF x LoA	-8,20319804	0,073	0,326
CHR5	13337160	CHR5:13337160	SSF x LoA	-9,87053618	0,024	0,297
CHR5	13337227	CHR5:13337227	SSF x LoA	-10,0135192	-0,085	0,317
CHR5	13337252	CHR5:13337252	SSF x LoA	-9,34790172	-0,112	0,309
CHR5	13337264	CHR5:13337264	SSF x LoA	-10,8602557	-0,113	0,310
CHR5	13338470	CHR5:13338470	SSF x LoA	-10,2375964	-0,034	0,301
CHR5	13338492	CHR5:13338492	SSF x LoA	-7,34784026	-0,097	0,317
CHR5	13338520	CHR5:13338520	SSF x LoA	-9,33820505	0,002	0,304
CHR5	13340736	CHR5:13340736	SSF x LoA	-8,47738887	0,124	0,305
CHR5	13340767	CHR5:13340767	SSF x LoA	-8,98696778	0,105	0,311
CHR5	13340815	CHR5:13340815	SSF x LoA	-8,25787908	0,189	0,295
CHR5	13340829	CHR5:13340829	SSF x LoA	-9,19098354	0,022	0,315
CHR5	13340849	CHR5:13340849	SSF x LoA	-8,16414245	-0,135	0,306
CHR5	13340871	CHR5:13340871	SSF x LoA	-9,9160466	0,142	0,280
CHR5	13346711	CHR5:13346711	SSF x LoA	-7,35445466	0,094	0,303
CHR5	13356784	CHR5:13356784	SSF x LoA	-10,2464632	-0,020	0,310
CHR5	13356809	CHR5:13356809	SSF x LoA	-8,50158467	0,027	0,318
CHR5	13364080	CHR5:13364080	SSF x LoA	-9,35539658	-0,015	0,307
CHR5	13364112	CHR5:13364112	SSF x LoA	-11,3437521	0,019	0,305
CHR5	13364167	CHR5:13364167	SSF x LoA	-10,3184239	0,011	0,324
CHR5	13364248	CHR5:13364248	SSF x LoA	-10,9547775	0,078	0,297
CHR5	13364260	CHR5:13364260	SSF x LoA	-7,99798798	-0,086	0,317

CHR5	13364274	CHR5:13364274	SSF x LoA	-2,30188969	-0,102	0,309
CHR5	13364275	CHR5:13364275	SSF x LoA	-9,03829518	-0,115	0,303
CHR5	13364287	CHR5:13364287	SSF x LoA	-9,57081376	-0,044	0,319
CHR5	13364342	CHR5:13364342	SSF x LoA	-8,84095047	-0,098	0,310
CHR5	13366509	CHR5:13366509	SSF x LoA	-6,82542003	-0,007	0,308
CHR5	13366515	CHR5:13366515	SSF x LoA	-9,44936092	0,050	0,308
CHR5	13366831	CHR5:13366831	SSF x LoA	-11,0877981	-0,016	0,316
CHR5	13385373	CHR5:13385373	SSF x LoA	-10,8600208	0,002	0,302
CHR5	1339365	CHR5:1339365	SSF x LoA	-9,30025015	0,154	0,298
CHR5	1339378	CHR5:1339378	SSF x LoA	-10,2871386	0,001	0,291
CHR5	13396672	CHR5:13396672	SSF x LoA	-9,60388341	-0,044	0,319
CHR5	13396673	CHR5:13396673	SSF x LoA	-10,6699995	-0,078	0,312
CHR5	13396694	CHR5:13396694	SSF x LoA	-10,1293396	-0,076	0,302
CHR5	13396909	CHR5:13396909	SSF x LoA	-10,7838003	-0,040	0,297
CHR5	13402723	CHR5:13402723	SSF x LoA	-9,12088209	-0,018	0,307
CHR5	13402730	CHR5:13402730	SSF x LoA	-10,4729655	-0,031	0,298
CHR5	13402834	CHR5:13402834	SSF x LoA	-7,92469031	0,094	0,296
CHR5	13402852	CHR5:13402852	SSF x LoA	1,4436147	0,076	0,306
CHR5	13409557	CHR5:13409557	SSF x LoA	-8,14510243	-0,065	0,301
CHR5	13409636	CHR5:13409636	SSF x LoA	-10,1281912	0,057	0,307
CHR5	13414565	CHR5:13414565	SSF x LoA	-9,13391372	-0,060	0,311
CHR5	13414583	CHR5:13414583	SSF x LoA	-10,22647	0,033	0,312
CHR5	13414612	CHR5:13414612	SSF x LoA	-10,8344787	0,009	0,300
CHR5	13414640	CHR5:13414640	SSF x LoA	6,85496588	-0,074	0,296
CHR5	13421220	CHR5:13421220	SSF x LoA	-6,27309675	-0,187	0,303
CHR5	13421265	CHR5:13421265	SSF x LoA	3,28927428	-0,197	0,292
CHR5	13421275	CHR5:13421275	SSF x LoA	-9,20474054	-0,183	0,297
CHR5	13421311	CHR5:13421311	SSF x LoA	-8,77443397	-0,039	0,319
CHR5	13421312	CHR5:13421312	SSF x LoA	-7,92291106	-0,060	0,305
CHR5	13421313	CHR5:13421313	SSF x LoA	-7,96079732	-0,092	0,305
CHR5	13421316	CHR5:13421316	SSF x LoA	-3,77004465	-0,168	0,314
CHR5	13421337	CHR5:13421337	SSF x LoA	-4,50298993	-0,159	0,311
CHR5	13421339	CHR5:13421339	SSF x LoA	-8,60950982	-0,123	0,307
CHR5	13422059	CHR5:13422059	SSF x LoA	-7,54121837	-0,081	0,318
CHR5	13422062	CHR5:13422062	SSF x LoA	-12,1209048	-0,048	0,312
CHR5	13427470	CHR5:13427470	SSF x LoA	-7,52333086	0,077	0,314
CHR5	13427548	CHR5:13427548	SSF x LoA	-11,2148928	0,016	0,303
CHR5	13427572	CHR5:13427572	SSF x LoA	-11,1331405	0,016	0,317
CHR5	13427644	CHR5:13427644	SSF x LoA	-8,31253027	0,096	0,312
CHR5	13427646	CHR5:13427646	SSF x LoA	-9,28843298	-0,148	0,305
CHR5	13427678	CHR5:13427678	SSF x LoA	-6,54792685	-0,149	0,314
CHR5	13427716	CHR5:13427716	SSF x LoA	-11,0621703	0,051	0,314
CHR5	13430428	CHR5:13430428	SSF x LoA	-9,48261682	-0,028	0,299
CHR5	13430490	CHR5:13430490	SSF x LoA	-9,62969646	0,066	0,307
CHR5	13430512	CHR5:13430512	SSF x LoA	-8,86057175	-0,070	0,315
CHR5	13433367	CHR5:13433367	SSF x LoA	-8,08692601	0,039	0,320
CHR5	13459412	CHR5:13459412	SSF x LoA	-8,90439765	0,033	0,311
CHR5	13459422	CHR5:13459422	SSF x LoA	-9,44449185	0,017	0,295
CHR5	13459445	CHR5:13459445	SSF x LoA	-10,3899517	-0,012	0,306
CHR5	13459492	CHR5:13459492	SSF x LoA	-8,99991958	-0,032	0,311
CHR5	13459495	CHR5:13459495	SSF x LoA	-6,03685387	-0,034	0,296
CHR5	13459667	CHR5:13459667	SSF x LoA	-12,2182252	0,044	0,302
CHR5	13459761	CHR5:13459761	SSF x LoA	-10,4238945	-0,038	0,303

CHR5	1348101	CHR5:1348101	SSF x LoA	-8,77671109	0,014	0,304
CHR5	1348219	CHR5:1348219	SSF x LoA	-8,37230485	-0,002	0,318
CHR5	13483781	CHR5:13483781	SSF x LoA	-8,97429195	0,014	0,305
CHR5	13483788	CHR5:13483788	SSF x LoA	-8,72999923	0,055	0,312
CHR5	13483791	CHR5:13483791	SSF x LoA	-11,1861561	-0,001	0,303
CHR5	13483816	CHR5:13483816	SSF x LoA	-8,81975013	0,084	0,309
CHR5	13485039	CHR5:13485039	SSF x LoA	-11,4905397	-0,050	0,309
CHR5	13485268	CHR5:13485268	SSF x LoA	-10,0760496	-0,070	0,299
CHR5	13486377	CHR5:13486377	SSF x LoA	-9,14489567	-0,044	0,311
CHR5	13486409	CHR5:13486409	SSF x LoA	-8,70721995	0,086	0,284
CHR5	13486446	CHR5:13486446	SSF x LoA	-5,8359953	-0,040	0,302
CHR5	13490461	CHR5:13490461	SSF x LoA	-9,8835319	-0,060	0,308
CHR5	13490567	CHR5:13490567	SSF x LoA	-7,31816749	0,109	0,304
CHR5	13490617	CHR5:13490617	SSF x LoA	-10,8904495	0,045	0,310
CHR5	13501556	CHR5:13501556	SSF x LoA	-6,60638594	0,023	0,308
CHR5	13501565	CHR5:13501565	SSF x LoA	-9,04582398	-0,033	0,304
CHR5	13501576	CHR5:13501576	SSF x LoA	-9,501093	0,004	0,289
CHR5	13501615	CHR5:13501615	SSF x LoA	-9,76820178	-0,103	0,314
CHR5	13501638	CHR5:13501638	SSF x LoA	-4,02494667	-0,072	0,312
CHR5	13501667	CHR5:13501667	SSF x LoA	-9,12773654	-0,051	0,310
CHR5	13501702	CHR5:13501702	SSF x LoA	-9,29940243	0,031	0,284
CHR5	13501779	CHR5:13501779	SSF x LoA	-10,24902	-0,012	0,311
CHR5	13505206	CHR5:13505206	SSF x LoA	-4,07647405	-0,244	0,284
CHR5	13505208	CHR5:13505208	SSF x LoA	-4,41390949	0,202	0,297
CHR5	13505256	CHR5:13505256	SSF x LoA	-9,64610464	0,054	0,309
CHR5	13505297	CHR5:13505297	SSF x LoA	-8,72979235	-0,076	0,307
CHR5	13505315	CHR5:13505315	SSF x LoA	-10,2338101	0,030	0,310
CHR5	13505354	CHR5:13505354	SSF x LoA	-10,1113885	0,145	0,300
CHR5	13505366	CHR5:13505366	SSF x LoA	-7,660864	-0,167	0,295
CHR5	13505400	CHR5:13505400	SSF x LoA	-7,43040139	0,115	0,316
CHR5	13505407	CHR5:13505407	SSF x LoA	-10,441954	0,047	0,311
CHR5	13505432	CHR5:13505432	SSF x LoA	-9,77550393	-0,025	0,300
CHR5	13505457	CHR5:13505457	SSF x LoA	-0,67883182	0,131	0,294
CHR5	13519119	CHR5:13519119	SSF x LoA	-6,66556812	-0,165	0,296
CHR5	13519162	CHR5:13519162	SSF x LoA	-7,87897259	-0,116	0,319
CHR5	13519205	CHR5:13519205	SSF x LoA	-6,95420833	0,160	0,289
CHR5	13519220	CHR5:13519220	SSF x LoA	-9,28101861	-0,060	0,316
CHR5	13521910	CHR5:13521910	SSF x LoA	-6,82536152	-0,088	0,291
CHR5	13521913	CHR5:13521913	SSF x LoA	-6,68667355	-0,079	0,296
CHR5	13521920	CHR5:13521920	SSF x LoA	-9,24561093	-0,008	0,313
CHR5	13521929	CHR5:13521929	SSF x LoA	-8,16691678	0,024	0,317
CHR5	13521931	CHR5:13521931	SSF x LoA	-8,51114157	0,070	0,306
CHR5	13521951	CHR5:13521951	SSF x LoA	-10,6301236	-0,035	0,303
CHR5	13521967	CHR5:13521967	SSF x LoA	-9,12944734	-0,091	0,299
CHR5	13522004	CHR5:13522004	SSF x LoA	-9,29992533	0,021	0,297
CHR5	13522011	CHR5:13522011	SSF x LoA	-9,07880682	-0,149	0,303
CHR5	13522015	CHR5:13522015	SSF x LoA	-7,98490482	0,001	0,308
CHR5	13522034	CHR5:13522034	SSF x LoA	-8,9176864	-0,100	0,304
CHR5	13522049	CHR5:13522049	SSF x LoA	-7,97745156	0,036	0,300
CHR5	13522057	CHR5:13522057	SSF x LoA	-8,70416041	0,162	0,305
CHR5	13522065	CHR5:13522065	SSF x LoA	-4,87687619	0,038	0,327
CHR5	13522072	CHR5:13522072	SSF x LoA	-8,69339244	0,037	0,317
CHR5	13522101	CHR5:13522101	SSF x LoA	-10,9867046	0,049	0,298

CHR5	13522102	CHR5:13522102	SSF x LoA	-10,6546102	-0,076	0,297
CHR5	13522103	CHR5:13522103	SSF x LoA	-7,85360951	-0,071	0,319
CHR5	13522119	CHR5:13522119	SSF x LoA	-8,52470005	-0,012	0,303
CHR5	13522155	CHR5:13522155	SSF x LoA	-10,3099828	-0,047	0,311
CHR5	13522159	CHR5:13522159	SSF x LoA	-8,84435045	0,145	0,314
CHR5	13522179	CHR5:13522179	SSF x LoA	-8,74772856	-0,010	0,294
CHR5	13528786	CHR5:13528786	SSF x LoA	-9,73019451	0,068	0,309
CHR5	13528819	CHR5:13528819	SSF x LoA	-7,03252172	-0,010	0,304
CHR5	13551563	CHR5:13551563	SSF x LoA	-8,70218906	-0,075	0,300
CHR5	13563865	CHR5:13563865	SSF x LoA	-9,86917472	0,130	0,305
CHR5	13572340	CHR5:13572340	SSF x LoA	-8,28193521	0,116	0,300
CHR5	13572436	CHR5:13572436	SSF x LoA	-12,2927105	0,063	0,304
CHR5	13573114	CHR5:13573114	SSF x LoA	-10,035902	-0,071	0,302
CHR5	13577860	CHR5:13577860	SSF x LoA	-11,4168871	0,073	0,306
CHR5	13577976	CHR5:13577976	SSF x LoA	-9,64683665	0,033	0,295
CHR5	13577996	CHR5:13577996	SSF x LoA	-8,30353689	-0,094	0,301
CHR5	13578003	CHR5:13578003	SSF x LoA	-10,1867655	0,115	0,320
CHR5	13578038	CHR5:13578038	SSF x LoA	-9,07989368	0,070	0,303
CHR5	13578065	CHR5:13578065	SSF x LoA	-10,8364771	-0,055	0,311
CHR5	13579821	CHR5:13579821	SSF x LoA	-11,5130498	0,040	0,299
CHR5	13579829	CHR5:13579829	SSF x LoA	-7,87074427	0,071	0,306
CHR5	13595423	CHR5:13595423	SSF x LoA	-11,0157628	-0,034	0,313
CHR5	13595492	CHR5:13595492	SSF x LoA	-2,64212511	0,112	0,308
CHR5	13600823	CHR5:13600823	SSF x LoA	-11,4752387	-0,060	0,289
CHR5	13600843	CHR5:13600843	SSF x LoA	-11,1774015	0,065	0,306
CHR5	13600861	CHR5:13600861	SSF x LoA	-4,42758321	0,181	0,296
CHR5	13600962	CHR5:13600962	SSF x LoA	-10,5360846	-0,152	0,301
CHR5	13601012	CHR5:13601012	SSF x LoA	-8,67081123	0,024	0,313
CHR5	13601050	CHR5:13601050	SSF x LoA	-8,08632007	0,028	0,301
CHR5	13608593	CHR5:13608593	SSF x LoA	-9,15328466	-0,012	0,301
CHR5	13608695	CHR5:13608695	SSF x LoA	-11,2573688	-0,030	0,309
CHR5	13608729	CHR5:13608729	SSF x LoA	-9,98363878	0,082	0,319
CHR5	13616144	CHR5:13616144	SSF x LoA	-4,53986714	-0,188	0,303
CHR5	13616208	CHR5:13616208	SSF x LoA	-8,70878011	0,101	0,285
CHR5	13616251	CHR5:13616251	SSF x LoA	-8,26086895	0,128	0,304
CHR5	13616271	CHR5:13616271	SSF x LoA	-5,63807278	0,041	0,308
CHR5	13621969	CHR5:13621969	SSF x LoA	-9,03649067	0,159	0,302
CHR5	13622042	CHR5:13622042	SSF x LoA	-9,37478918	0,027	0,305
CHR5	13622088	CHR5:13622088	SSF x LoA	-6,88496129	-0,029	0,313
CHR5	13622126	CHR5:13622126	SSF x LoA	-11,386142	-0,050	0,301
CHR5	13622143	CHR5:13622143	SSF x LoA	-10,8898362	-0,031	0,298
CHR5	13622162	CHR5:13622162	SSF x LoA	-8,45521257	-0,055	0,295
CHR5	13634837	CHR5:13634837	SSF x LoA	-11,7707208	-0,009	0,298
CHR5	13635014	CHR5:13635014	SSF x LoA	-9,43458736	0,133	0,300
CHR5	1363502	CHR5:1363502	SSF x LoA	-9,42373158	-0,105	0,303
CHR5	13635067	CHR5:13635067	SSF x LoA	-11,1324246	0,037	0,313
CHR5	13639879	CHR5:13639879	SSF x LoA	-10,0729341	0,003	0,308
CHR5	13639981	CHR5:13639981	SSF x LoA	-8,90897884	-0,073	0,300
CHR5	13640082	CHR5:13640082	SSF x LoA	-9,12081061	0,150	0,285
CHR5	1364817	CHR5:1364817	SSF x LoA	-9,6466621	-0,035	0,311
CHR5	1364828	CHR5:1364828	SSF x LoA	-11,4130053	-0,002	0,299
CHR5	13648540	CHR5:13648540	SSF x LoA	-10,2172417	-0,060	0,308
CHR5	13650412	CHR5:13650412	SSF x LoA	-9,12258978	0,079	0,311

CHR5	13650523	CHR5:13650523	SSF x LoA	-7,61853912	0,023	0,314
CHR5	13650536	CHR5:13650536	SSF x LoA	-9,86546824	-0,016	0,308
CHR5	13650552	CHR5:13650552	SSF x LoA	-7,85167266	-0,143	0,304
CHR5	13650589	CHR5:13650589	SSF x LoA	-10,9216554	-0,038	0,312
CHR5	13650593	CHR5:13650593	SSF x LoA	-7,53435837	-0,015	0,306
CHR5	13650610	CHR5:13650610	SSF x LoA	-8,40173172	0,021	0,304
CHR5	13650657	CHR5:13650657	SSF x LoA	-10,3221002	0,059	0,304
CHR5	13650667	CHR5:13650667	SSF x LoA	-9,10543347	0,032	0,315
CHR5	13650685	CHR5:13650685	SSF x LoA	-11,2823837	-0,047	0,313
CHR5	13665036	CHR5:13665036	SSF x LoA	-8,33926761	0,113	0,304
CHR5	13665045	CHR5:13665045	SSF x LoA	-9,07039757	0,049	0,297
CHR5	13665054	CHR5:13665054	SSF x LoA	-8,23603137	0,042	0,307
CHR5	13672331	CHR5:13672331	SSF x LoA	-10,2485144	0,053	0,319
CHR5	13672341	CHR5:13672341	SSF x LoA	-9,09313787	0,029	0,294
CHR5	13672349	CHR5:13672349	SSF x LoA	-9,74408844	0,049	0,306
CHR5	13672353	CHR5:13672353	SSF x LoA	-11,3221356	-0,029	0,308
CHR5	13672406	CHR5:13672406	SSF x LoA	-8,66688445	0,009	0,298
CHR5	13672417	CHR5:13672417	SSF x LoA	-10,4463513	-0,018	0,309
CHR5	13672443	CHR5:13672443	SSF x LoA	-9,860452	0,111	0,295
CHR5	13674927	CHR5:13674927	SSF x LoA	-9,36403888	0,081	0,305
CHR5	13675000	CHR5:13675000	SSF x LoA	-9,31316938	-0,066	0,311
CHR5	13675018	CHR5:13675018	SSF x LoA	-9,75789232	-0,007	0,305
CHR5	13694924	CHR5:13694924	SSF x LoA	-5,06820797	-0,044	0,316
CHR5	13699256	CHR5:13699256	SSF x LoA	-9,86306776	0,054	0,310
CHR5	13705154	CHR5:13705154	SSF x LoA	-12,0693067	-0,054	0,285
CHR5	13705179	CHR5:13705179	SSF x LoA	-10,5315128	0,060	0,303
CHR5	13705247	CHR5:13705247	SSF x LoA	-9,85256888	-0,155	0,294
CHR5	13705253	CHR5:13705253	SSF x LoA	-5,73747947	0,178	0,286
CHR5	13706471	CHR5:13706471	SSF x LoA	-6,81154245	-0,036	0,302
CHR5	13706507	CHR5:13706507	SSF x LoA	-8,91077204	0,025	0,306
CHR5	13713270	CHR5:13713270	SSF x LoA	-9,29301099	0,068	0,316
CHR5	13713349	CHR5:13713349	SSF x LoA	-9,43109607	0,033	0,307
CHR5	13713403	CHR5:13713403	SSF x LoA	-9,32134581	0,140	0,300
CHR5	13713468	CHR5:13713468	SSF x LoA	-11,1123827	-0,102	0,299
CHR5	13713472	CHR5:13713472	SSF x LoA	-4,18107547	0,143	0,295
CHR5	1371587	CHR5:1371587	SSF x LoA	-8,98643794	0,007	0,304
CHR5	13731856	CHR5:13731856	SSF x LoA	-10,5193687	-0,022	0,295
CHR5	13738366	CHR5:13738366	SSF x LoA	-8,8783315	0,089	0,312
CHR5	13738382	CHR5:13738382	SSF x LoA	-8,94210564	0,089	0,301
CHR5	13738476	CHR5:13738476	SSF x LoA	-8,49236326	0,024	0,314
CHR5	13741834	CHR5:13741834	SSF x LoA	-10,2389375	0,030	0,310
CHR5	13746635	CHR5:13746635	SSF x LoA	-11,5288849	-0,011	0,314
CHR5	13772081	CHR5:13772081	SSF x LoA	-10,5090336	0,022	0,303
CHR5	1377465	CHR5:1377465	SSF x LoA	-7,87884597	0,010	0,297
CHR5	1377583	CHR5:1377583	SSF x LoA	-11,3289381	-0,065	0,299
CHR5	13827035	CHR5:13827035	SSF x LoA	-9,67641566	0,031	0,310
CHR5	13827152	CHR5:13827152	SSF x LoA	-9,664501	0,082	0,309
CHR5	1382972	CHR5:1382972	SSF x LoA	-10,3834258	-0,029	0,313
CHR5	1382976	CHR5:1382976	SSF x LoA	-11,0216233	-0,051	0,300
CHR5	1383026	CHR5:1383026	SSF x LoA	-8,03858472	0,078	0,286
CHR5	1383039	CHR5:1383039	SSF x LoA	-9,79436572	-0,090	0,310
CHR5	1383040	CHR5:1383040	SSF x LoA	-11,4375756	-0,043	0,309
CHR5	13830633	CHR5:13830633	SSF x LoA	-10,1515893	-0,009	0,313

CHR5	13830638	CHR5:13830638	SSF x LoA	-9,89486738	-0,029	0,322
CHR5	13832169	CHR5:13832169	SSF x LoA	-8,37395718	0,120	0,304
CHR5	13832190	CHR5:13832190	SSF x LoA	-9,84394966	0,025	0,321
CHR5	13832237	CHR5:13832237	SSF x LoA	-10,7589538	-0,023	0,303
CHR5	13832249	CHR5:13832249	SSF x LoA	-9,2043834	0,000	0,313
CHR5	13832267	CHR5:13832267	SSF x LoA	-9,8948661	0,018	0,318
CHR5	13832279	CHR5:13832279	SSF x LoA	-8,9044548	0,045	0,300
CHR5	13837137	CHR5:13837137	SSF x LoA	-8,01962962	0,138	0,301
CHR5	13893723	CHR5:13893723	SSF x LoA	-10,7801576	0,063	0,308
CHR5	13906356	CHR5:13906356	SSF x LoA	-9,32630309	-0,175	0,305
CHR5	13913183	CHR5:13913183	SSF x LoA	-8,50407177	-0,005	0,295
CHR5	1392020	CHR5:1392020	SSF x LoA	-8,30227243	-0,130	0,299
CHR5	13978539	CHR5:13978539	SSF x LoA	-7,44330661	-0,013	0,306
CHR5	13986530	CHR5:13986530	SSF x LoA	-10,3965589	-0,134	0,303
CHR5	14001436	CHR5:14001436	SSF x LoA	-10,2838598	0,041	0,308
CHR5	14010248	CHR5:14010248	SSF x LoA	-8,09403081	0,081	0,309
CHR5	14010285	CHR5:14010285	SSF x LoA	-8,73142871	0,035	0,316
CHR5	14011910	CHR5:14011910	SSF x LoA	-4,71896649	-0,030	0,318
CHR5	14011939	CHR5:14011939	SSF x LoA	-9,11107833	-0,122	0,308
CHR5	14020316	CHR5:14020316	SSF x LoA	-7,75017085	0,034	0,300
CHR5	14020440	CHR5:14020440	SSF x LoA	-10,6307097	-0,027	0,317
CHR5	14029290	CHR5:14029290	SSF x LoA	-9,04778402	0,047	0,305
CHR5	14029310	CHR5:14029310	SSF x LoA	-8,98170702	-0,058	0,315
CHR5	14029440	CHR5:14029440	SSF x LoA	-8,45177051	-0,008	0,306
CHR5	14032877	CHR5:14032877	SSF x LoA	-9,60711961	-0,067	0,308
CHR5	14032929	CHR5:14032929	SSF x LoA	0,92497881	-0,072	0,307
CHR5	14032945	CHR5:14032945	SSF x LoA	-8,75917949	0,001	0,308
CHR5	14037484	CHR5:14037484	SSF x LoA	-7,35296143	-0,031	0,320
CHR5	14037485	CHR5:14037485	SSF x LoA	-9,16133306	-0,059	0,309
CHR5	14037486	CHR5:14037486	SSF x LoA	-9,34752824	-0,030	0,306
CHR5	14037489	CHR5:14037489	SSF x LoA	-7,84467303	-0,047	0,310
CHR5	14053002	CHR5:14053002	SSF x LoA	-9,08770325	-0,032	0,294
CHR5	14053041	CHR5:14053041	SSF x LoA	-5,95025789	-0,050	0,319
CHR5	14053116	CHR5:14053116	SSF x LoA	-7,45474668	-0,032	0,317
CHR5	14071531	CHR5:14071531	SSF x LoA	-11,7431158	-0,078	0,299
CHR5	14071547	CHR5:14071547	SSF x LoA	-8,59347107	-0,029	0,312
CHR5	14071552	CHR5:14071552	SSF x LoA	-9,35801025	-0,040	0,312
CHR5	14071632	CHR5:14071632	SSF x LoA	-8,6930431	0,061	0,296
CHR5	14071650	CHR5:14071650	SSF x LoA	-12,2273112	-0,039	0,307
CHR5	14071674	CHR5:14071674	SSF x LoA	-11,1947643	-0,053	0,302
CHR5	14080980	CHR5:14080980	SSF x LoA	-11,40702	-0,031	0,310
CHR5	14081051	CHR5:14081051	SSF x LoA	-7,83498637	0,107	0,303
CHR5	14081159	CHR5:14081159	SSF x LoA	-10,5601081	0,037	0,303
CHR5	14107391	CHR5:14107391	SSF x LoA	-10,2060667	0,004	0,298
CHR5	14107446	CHR5:14107446	SSF x LoA	-8,02427929	0,036	0,312
CHR5	14107629	CHR5:14107629	SSF x LoA	-9,37967801	-0,051	0,307
CHR5	14107630	CHR5:14107630	SSF x LoA	-10,6307114	-0,037	0,304
CHR5	14107631	CHR5:14107631	SSF x LoA	-8,29009523	-0,057	0,313
CHR5	14107635	CHR5:14107635	SSF x LoA	-10,4085154	0,053	0,298
CHR5	14117590	CHR5:14117590	SSF x LoA	-8,60085681	-0,028	0,314
CHR5	14117836	CHR5:14117836	SSF x LoA	-9,65821156	-0,028	0,314
CHR5	14126407	CHR5:14126407	SSF x LoA	-9,85289916	-0,076	0,303
CHR5	14126474	CHR5:14126474	SSF x LoA	-8,97607907	-0,105	0,311

CHR5	14126495	CHR5:14126495	SSF x LoA	-9,05516363	-0,149	0,289
CHR5	14126687	CHR5:14126687	SSF x LoA	-9,5205453	-0,043	0,313
CHR5	14126706	CHR5:14126706	SSF x LoA	-8,76482492	0,081	0,306
CHR5	14126710	CHR5:14126710	SSF x LoA	-10,1683843	-0,069	0,306
CHR5	14126726	CHR5:14126726	SSF x LoA	-10,0329927	-0,020	0,316
CHR5	14136424	CHR5:14136424	SSF x LoA	-9,13291408	-0,044	0,304
CHR5	14136438	CHR5:14136438	SSF x LoA	-8,30447277	-0,110	0,318
CHR5	14136452	CHR5:14136452	SSF x LoA	-9,02171276	-0,068	0,300
CHR5	14136491	CHR5:14136491	SSF x LoA	-9,30274417	-0,009	0,314
CHR5	14136525	CHR5:14136525	SSF x LoA	-11,9074647	-0,022	0,309
CHR5	14136526	CHR5:14136526	SSF x LoA	-10,1922108	-0,074	0,304
CHR5	14136639	CHR5:14136639	SSF x LoA	-6,52273314	-0,134	0,315
CHR5	14136640	CHR5:14136640	SSF x LoA	-9,63612566	-0,083	0,301
CHR5	1416188	CHR5:1416188	SSF x LoA	-8,74650577	0,087	0,306
CHR5	1416202	CHR5:1416202	SSF x LoA	-9,28079939	0,091	0,303
CHR5	1416234	CHR5:1416234	SSF x LoA	-4,82087631	-0,046	0,320
CHR5	1416288	CHR5:1416288	SSF x LoA	-9,0158014	-0,009	0,322
CHR5	1416290	CHR5:1416290	SSF x LoA	-11,3011967	-0,039	0,310
CHR5	1416399	CHR5:1416399	SSF x LoA	-10,1869227	0,043	0,315
CHR5	14168265	CHR5:14168265	SSF x LoA	-9,22412663	0,024	0,309
CHR5	14168385	CHR5:14168385	SSF x LoA	-6,77781556	-0,048	0,319
CHR5	14168386	CHR5:14168386	SSF x LoA	-7,57447829	-0,004	0,298
CHR5	14192673	CHR5:14192673	SSF x LoA	-6,1602445	0,099	0,304
CHR5	14192727	CHR5:14192727	SSF x LoA	-10,5188513	0,093	0,298
CHR5	14217737	CHR5:14217737	SSF x LoA	-11,4141267	-0,038	0,302
CHR5	14217773	CHR5:14217773	SSF x LoA	-10,4959446	-0,113	0,301
CHR5	14217796	CHR5:14217796	SSF x LoA	-7,75292824	0,104	0,306
CHR5	14224352	CHR5:14224352	SSF x LoA	-10,2593141	0,053	0,311
CHR5	14224393	CHR5:14224393	SSF x LoA	-8,90669446	-0,046	0,313
CHR5	14224402	CHR5:14224402	SSF x LoA	-10,8323656	0,046	0,297
CHR5	14228618	CHR5:14228618	SSF x LoA	-8,73439603	0,106	0,304
CHR5	14228632	CHR5:14228632	SSF x LoA	-11,7509047	-0,007	0,299
CHR5	14228659	CHR5:14228659	SSF x LoA	-11,8837044	-0,059	0,312
CHR5	14228660	CHR5:14228660	SSF x LoA	-9,78134108	-0,078	0,300
CHR5	14228764	CHR5:14228764	SSF x LoA	-7,94146478	-0,009	0,309
CHR5	14228803	CHR5:14228803	SSF x LoA	-10,1641212	0,058	0,302
CHR5	14228835	CHR5:14228835	SSF x LoA	-10,873661	-0,062	0,319
CHR5	14241909	CHR5:14241909	SSF x LoA	-7,97424426	0,079	0,294
CHR5	14241967	CHR5:14241967	SSF x LoA	-9,80353034	0,082	0,301
CHR5	14241971	CHR5:14241971	SSF x LoA	-11,6323293	0,057	0,295
CHR5	14241977	CHR5:14241977	SSF x LoA	-11,2765556	0,017	0,302
CHR5	14242011	CHR5:14242011	SSF x LoA	-8,68651024	0,034	0,309
CHR5	14247590	CHR5:14247590	SSF x LoA	-10,5333897	0,021	0,311
CHR5	14247715	CHR5:14247715	SSF x LoA	-7,05028196	-0,001	0,308
CHR5	14247718	CHR5:14247718	SSF x LoA	-9,35255584	0,025	0,300
CHR5	14247741	CHR5:14247741	SSF x LoA	-9,41090355	0,044	0,318
CHR5	14250298	CHR5:14250298	SSF x LoA	-8,29016601	0,092	0,296
CHR5	14250309	CHR5:14250309	SSF x LoA	-9,91230408	0,012	0,311
CHR5	14252739	CHR5:14252739	SSF x LoA	-10,0379535	-0,112	0,307
CHR5	14252783	CHR5:14252783	SSF x LoA	-9,15220162	0,060	0,312
CHR5	14252835	CHR5:14252835	SSF x LoA	-8,05093189	0,065	0,318
CHR5	14260890	CHR5:14260890	SSF x LoA	-9,85472166	-0,120	0,304
CHR5	14267888	CHR5:14267888	SSF x LoA	-4,06793489	-0,098	0,303

CHR5	14267972	CHR5:14267972	SSF x LoA	-10,5230551	-0,007	0,296
CHR5	14268004	CHR5:14268004	SSF x LoA	-11,4487572	0,069	0,307
CHR5	14268041	CHR5:14268041	SSF x LoA	-9,62321581	0,024	0,314
CHR5	14268071	CHR5:14268071	SSF x LoA	-7,35550055	0,057	0,320
CHR5	14268086	CHR5:14268086	SSF x LoA	-10,0177793	-0,022	0,299
CHR5	14268121	CHR5:14268121	SSF x LoA	-9,74882625	0,028	0,309
CHR5	14268124	CHR5:14268124	SSF x LoA	-9,57857259	0,024	0,319
CHR5	14268125	CHR5:14268125	SSF x LoA	-10,5173158	0,011	0,312
CHR5	14275143	CHR5:14275143	SSF x LoA	-8,49782401	-0,002	0,319
CHR5	14275149	CHR5:14275149	SSF x LoA	-9,87673728	-0,118	0,305
CHR5	14275164	CHR5:14275164	SSF x LoA	-10,7881776	0,066	0,313
CHR5	14275172	CHR5:14275172	SSF x LoA	3,86605342	-0,049	0,311
CHR5	14275182	CHR5:14275182	SSF x LoA	-9,44326384	-0,028	0,300
CHR5	14275270	CHR5:14275270	SSF x LoA	-9,29609538	-0,060	0,307
CHR5	14283139	CHR5:14283139	SSF x LoA	-11,0482456	0,006	0,306
CHR5	14283287	CHR5:14283287	SSF x LoA	-9,222381	0,053	0,313
CHR5	14283323	CHR5:14283323	SSF x LoA	-9,02632766	-0,115	0,301
CHR5	14296035	CHR5:14296035	SSF x LoA	-10,7205389	0,023	0,305
CHR5	14296101	CHR5:14296101	SSF x LoA	-10,417985	0,038	0,305
CHR5	14296259	CHR5:14296259	SSF x LoA	2,21052557	0,097	0,295
CHR5	14296293	CHR5:14296293	SSF x LoA	-9,50625328	-0,016	0,297
CHR5	14296301	CHR5:14296301	SSF x LoA	-8,94062579	-0,010	0,304
CHR5	14299824	CHR5:14299824	SSF x LoA	-7,7743836	0,047	0,309
CHR5	14310566	CHR5:14310566	SSF x LoA	-11,9625648	-0,067	0,304
CHR5	14319412	CHR5:14319412	SSF x LoA	-1,69490241	0,078	0,327
CHR5	14320846	CHR5:14320846	SSF x LoA	-6,33981426	0,139	0,310
CHR5	14320951	CHR5:14320951	SSF x LoA	-9,69392258	-0,141	0,313
CHR5	14327053	CHR5:14327053	SSF x LoA	-7,85478716	-0,108	0,322
CHR5	14327084	CHR5:14327084	SSF x LoA	-9,39745601	-0,059	0,310
CHR5	14327104	CHR5:14327104	SSF x LoA	-7,37609354	-0,085	0,321
CHR5	14327135	CHR5:14327135	SSF x LoA	-9,63754883	0,058	0,288
CHR5	14334790	CHR5:14334790	SSF x LoA	-9,3111258	-0,063	0,314
CHR5	14334853	CHR5:14334853	SSF x LoA	-11,3401696	0,003	0,310
CHR5	14334865	CHR5:14334865	SSF x LoA	-8,49672788	-0,027	0,310
CHR5	14334878	CHR5:14334878	SSF x LoA	-9,69803193	-0,035	0,288
CHR5	14334945	CHR5:14334945	SSF x LoA	-7,99731906	0,005	0,313
CHR5	14334946	CHR5:14334946	SSF x LoA	-7,36890648	-0,065	0,303
CHR5	14337204	CHR5:14337204	SSF x LoA	-10,30455	-0,028	0,309
CHR5	14340349	CHR5:14340349	SSF x LoA	-8,0126906	0,046	0,312
CHR5	14340357	CHR5:14340357	SSF x LoA	-7,56588471	0,016	0,313
CHR5	14340386	CHR5:14340386	SSF x LoA	-7,83281646	-0,108	0,317
CHR5	14354619	CHR5:14354619	SSF x LoA	-10,7994875	0,057	0,315
CHR5	14354670	CHR5:14354670	SSF x LoA	-7,76393045	-0,093	0,315
CHR5	14354915	CHR5:14354915	SSF x LoA	-9,44506948	-0,080	0,315
CHR5	14354940	CHR5:14354940	SSF x LoA	-7,30438063	-0,126	0,305
CHR5	14359385	CHR5:14359385	SSF x LoA	-11,2028116	-0,094	0,303
CHR5	14363086	CHR5:14363086	SSF x LoA	-8,44071744	0,023	0,333
CHR5	14363400	CHR5:14363400	SSF x LoA	-8,75561528	-0,042	0,306
CHR5	14363405	CHR5:14363405	SSF x LoA	-9,12337134	0,135	0,303
CHR5	14363406	CHR5:14363406	SSF x LoA	-11,5522937	-0,026	0,304
CHR5	14363456	CHR5:14363456	SSF x LoA	-11,8576278	0,017	0,312
CHR5	14363487	CHR5:14363487	SSF x LoA	-9,64692506	0,113	0,312
CHR5	14363497	CHR5:14363497	SSF x LoA	-8,63749774	-0,048	0,308

CHR5	14363509	CHR5:14363509	SSF x LoA	-9,01788866	-0,053	0,310
CHR5	14366409	CHR5:14366409	SSF x LoA	-9,79463982	-0,083	0,321
CHR5	14366451	CHR5:14366451	SSF x LoA	-6,45686232	-0,030	0,305
CHR5	14366455	CHR5:14366455	SSF x LoA	-10,3617928	-0,056	0,302
CHR5	14366483	CHR5:14366483	SSF x LoA	-9,34060872	0,031	0,313
CHR5	14366523	CHR5:14366523	SSF x LoA	-9,4470519	-0,064	0,294
CHR5	14366605	CHR5:14366605	SSF x LoA	-5,89826692	-0,179	0,301
CHR5	14373204	CHR5:14373204	SSF x LoA	-9,64771607	0,016	0,302
CHR5	14373231	CHR5:14373231	SSF x LoA	-9,62345648	0,008	0,304
CHR5	14373233	CHR5:14373233	SSF x LoA	-8,69878475	0,122	0,300
CHR5	14373234	CHR5:14373234	SSF x LoA	-7,71213022	0,003	0,315
CHR5	14373239	CHR5:14373239	SSF x LoA	-6,4871913	-0,105	0,303
CHR5	14373249	CHR5:14373249	SSF x LoA	-6,36883576	0,205	0,302
CHR5	14373284	CHR5:14373284	SSF x LoA	-9,74048505	0,016	0,315
CHR5	14392201	CHR5:14392201	SSF x LoA	-7,43803866	-0,161	0,297
CHR5	14393232	CHR5:14393232	SSF x LoA	-10,881409	-0,040	0,313
CHR5	14421032	CHR5:14421032	SSF x LoA	-10,2229407	-0,006	0,315
CHR5	14421051	CHR5:14421051	SSF x LoA	-9,86181762	-0,021	0,306
CHR5	14421115	CHR5:14421115	SSF x LoA	-6,48734616	-0,011	0,317
CHR5	14436434	CHR5:14436434	SSF x LoA	-7,7728416	0,084	0,309
CHR5	14436440	CHR5:14436440	SSF x LoA	-6,50119915	-0,083	0,308
CHR5	14436478	CHR5:14436478	SSF x LoA	-8,59264989	-0,059	0,311
CHR5	14436489	CHR5:14436489	SSF x LoA	-8,71508245	-0,081	0,311
CHR5	14436494	CHR5:14436494	SSF x LoA	-9,20679159	-0,030	0,308
CHR5	14436602	CHR5:14436602	SSF x LoA	-11,1630702	-0,069	0,318
CHR5	14436603	CHR5:14436603	SSF x LoA	-10,2273675	0,038	0,296
CHR5	14436611	CHR5:14436611	SSF x LoA	-11,4116208	-0,031	0,303
CHR5	1444156	CHR5:1444156	SSF x LoA	-1,97984219	-0,229	0,279
CHR5	1444214	CHR5:1444214	SSF x LoA	-7,87127656	0,082	0,305
CHR5	14453947	CHR5:14453947	SSF x LoA	-9,71727109	-0,019	0,321
CHR5	14453968	CHR5:14453968	SSF x LoA	-10,3330463	-0,159	0,300
CHR5	14454037	CHR5:14454037	SSF x LoA	-8,9250035	-0,070	0,299
CHR5	14454081	CHR5:14454081	SSF x LoA	-8,77314264	-0,079	0,312
CHR5	14461470	CHR5:14461470	SSF x LoA	-9,65009107	0,021	0,313
CHR5	14461524	CHR5:14461524	SSF x LoA	-7,51653709	0,104	0,308
CHR5	14461652	CHR5:14461652	SSF x LoA	-9,57921823	0,006	0,292
CHR5	14461683	CHR5:14461683	SSF x LoA	-10,2949493	-0,054	0,302
CHR5	14486822	CHR5:14486822	SSF x LoA	-10,4217408	0,012	0,305
CHR5	14486866	CHR5:14486866	SSF x LoA	-9,41962233	0,019	0,326
CHR5	14486873	CHR5:14486873	SSF x LoA	-8,5115956	0,001	0,308
CHR5	14486914	CHR5:14486914	SSF x LoA	-10,734857	0,002	0,302
CHR5	14487050	CHR5:14487050	SSF x LoA	-8,84606812	0,026	0,310
CHR5	14489061	CHR5:14489061	SSF x LoA	-7,46046094	-0,045	0,318
CHR5	14489161	CHR5:14489161	SSF x LoA	-11,0971436	0,014	0,305
CHR5	14491848	CHR5:14491848	SSF x LoA	-8,57873597	0,000	0,317
CHR5	14491869	CHR5:14491869	SSF x LoA	-7,91963987	0,098	0,320
CHR5	14492291	CHR5:14492291	SSF x LoA	-9,82751011	0,094	0,293
CHR5	14493838	CHR5:14493838	SSF x LoA	-9,5790751	-0,039	0,322
CHR5	14493868	CHR5:14493868	SSF x LoA	-8,60079579	-0,073	0,310
CHR5	14493873	CHR5:14493873	SSF x LoA	-6,57828273	-0,043	0,307
CHR5	14493916	CHR5:14493916	SSF x LoA	-10,4833427	-0,015	0,304
CHR5	14497540	CHR5:14497540	SSF x LoA	-6,15013372	0,075	0,321
CHR5	14497556	CHR5:14497556	SSF x LoA	-10,8210838	-0,026	0,312

CHR5	14497558	CHR5:14497558	SSF x LoA	-10,1795211	-0,022	0,328
CHR5	14497564	CHR5:14497564	SSF x LoA	-8,89953077	-0,044	0,321
CHR5	14497565	CHR5:14497565	SSF x LoA	-9,61062247	-0,080	0,320
CHR5	14497603	CHR5:14497603	SSF x LoA	-7,61567112	0,114	0,308
CHR5	14497625	CHR5:14497625	SSF x LoA	-9,18252659	0,095	0,315
CHR5	1449784	CHR5:1449784	SSF x LoA	-10,2922657	-0,014	0,303
CHR5	1449867	CHR5:1449867	SSF x LoA	-11,2635589	0,055	0,306
CHR5	14510222	CHR5:14510222	SSF x LoA	-10,8326029	0,015	0,296
CHR5	14514971	CHR5:14514971	SSF x LoA	-8,22056595	-0,026	0,318
CHR5	14515008	CHR5:14515008	SSF x LoA	-8,13191278	-0,037	0,312
CHR5	14519295	CHR5:14519295	SSF x LoA	-9,11543213	0,008	0,317
CHR5	14519298	CHR5:14519298	SSF x LoA	-9,72752325	-0,008	0,315
CHR5	14519510	CHR5:14519510	SSF x LoA	-9,85972291	0,037	0,308
CHR5	14527889	CHR5:14527889	SSF x LoA	-9,03618949	-0,017	0,292
CHR5	14527942	CHR5:14527942	SSF x LoA	-9,19421393	0,008	0,294
CHR5	14528007	CHR5:14528007	SSF x LoA	-10,3301342	-0,051	0,307
CHR5	14528135	CHR5:14528135	SSF x LoA	-10,9110174	-0,012	0,318
CHR5	14530478	CHR5:14530478	SSF x LoA	-10,0068008	-0,069	0,294
CHR5	14530480	CHR5:14530480	SSF x LoA	-10,8694562	-0,139	0,294
CHR5	14537525	CHR5:14537525	SSF x LoA	-8,15667082	0,028	0,321
CHR5	14547561	CHR5:14547561	SSF x LoA	-11,509993	0,048	0,315
CHR5	14547602	CHR5:14547602	SSF x LoA	-10,8584698	0,054	0,313
CHR5	14547630	CHR5:14547630	SSF x LoA	-10,8645946	0,048	0,314
CHR5	14550164	CHR5:14550164	SSF x LoA	-11,5290407	0,067	0,310
CHR5	14550299	CHR5:14550299	SSF x LoA	-9,19711964	0,004	0,305
CHR5	14550328	CHR5:14550328	SSF x LoA	-8,27987154	0,012	0,313
CHR5	14550380	CHR5:14550380	SSF x LoA	-10,9604415	0,056	0,315
CHR5	14561127	CHR5:14561127	SSF x LoA	-9,28025083	-0,075	0,322
CHR5	14564054	CHR5:14564054	SSF x LoA	-11,5973854	0,100	0,291
CHR5	14564084	CHR5:14564084	SSF x LoA	-10,5844256	0,085	0,306
CHR5	14564090	CHR5:14564090	SSF x LoA	-7,58755875	0,102	0,326
CHR5	1456552	CHR5:1456552	SSF x LoA	-10,1168039	-0,067	0,295
CHR5	1456715	CHR5:1456715	SSF x LoA	-10,1105717	0,071	0,297
CHR5	1456806	CHR5:1456806	SSF x LoA	-6,3491884	-0,084	0,303
CHR5	14570908	CHR5:14570908	SSF x LoA	-9,39555454	0,004	0,310
CHR5	14570944	CHR5:14570944	SSF x LoA	-9,40558454	-0,047	0,315
CHR5	14570993	CHR5:14570993	SSF x LoA	-10,4075172	0,069	0,303
CHR5	14576495	CHR5:14576495	SSF x LoA	-8,71772624	-0,097	0,286
CHR5	14579222	CHR5:14579222	SSF x LoA	-8,23348155	-0,055	0,306
CHR5	14582639	CHR5:14582639	SSF x LoA	-11,2220574	-0,041	0,300
CHR5	14582692	CHR5:14582692	SSF x LoA	-11,2970583	-0,027	0,304
CHR5	14583310	CHR5:14583310	SSF x LoA	-6,6407767	-0,158	0,288
CHR5	14584258	CHR5:14584258	SSF x LoA	-8,61645082	-0,108	0,292
CHR5	14584350	CHR5:14584350	SSF x LoA	-7,32017191	-0,146	0,288
CHR5	14584363	CHR5:14584363	SSF x LoA	-5,64756347	-0,187	0,300
CHR5	14584416	CHR5:14584416	SSF x LoA	-6,06305314	-0,193	0,287
CHR5	14584417	CHR5:14584417	SSF x LoA	-6,5015023	-0,183	0,288
CHR5	14584451	CHR5:14584451	SSF x LoA	-5,78316272	-0,213	0,282
CHR5	14590717	CHR5:14590717	SSF x LoA	-10,142796	0,044	0,300
CHR5	14590891	CHR5:14590891	SSF x LoA	-6,68986113	0,061	0,309
CHR5	14590933	CHR5:14590933	SSF x LoA	-9,10792167	0,041	0,304
CHR5	14590974	CHR5:14590974	SSF x LoA	-10,4227371	0,052	0,306
CHR5	14593589	CHR5:14593589	SSF x LoA	-8,81028502	0,065	0,299

CHR5	14601114	CHR5:14601114	SSF x LoA	-9,19033014	0,069	0,298
CHR5	14601115	CHR5:14601115	SSF x LoA	-11,4552173	0,049	0,295
CHR5	14601164	CHR5:14601164	SSF x LoA	-9,35689632	0,055	0,313
CHR5	14636353	CHR5:14636353	SSF x LoA	-9,35078462	-0,091	0,305
CHR5	14636363	CHR5:14636363	SSF x LoA	-3,10441797	-0,068	0,304
CHR5	14639764	CHR5:14639764	SSF x LoA	-7,21724091	0,065	0,300
CHR5	14642426	CHR5:14642426	SSF x LoA	-10,6488601	0,035	0,302
CHR5	1464683	CHR5:1464683	SSF x LoA	-9,68188892	0,048	0,309
CHR5	1464688	CHR5:1464688	SSF x LoA	-12,1133454	0,036	0,288
CHR5	1464711	CHR5:1464711	SSF x LoA	-8,79935936	-0,045	0,304
CHR5	1464724	CHR5:1464724	SSF x LoA	-11,2409281	0,028	0,302
CHR5	1464727	CHR5:1464727	SSF x LoA	-8,67747169	0,069	0,301
CHR5	1464747	CHR5:1464747	SSF x LoA	-10,2331133	0,055	0,315
CHR5	14651324	CHR5:14651324	SSF x LoA	-10,1904061	-0,141	0,291
CHR5	14654388	CHR5:14654388	SSF x LoA	-6,7701383	-0,027	0,303
CHR5	14654586	CHR5:14654586	SSF x LoA	-10,2481582	-0,049	0,303
CHR5	14654587	CHR5:14654587	SSF x LoA	-7,99694056	-0,073	0,316
CHR5	1466519	CHR5:1466519	SSF x LoA	-11,1151318	-0,109	0,303
CHR5	1466559	CHR5:1466559	SSF x LoA	-9,11968286	0,054	0,295
CHR5	1466569	CHR5:1466569	SSF x LoA	-10,420774	-0,061	0,307
CHR5	1466651	CHR5:1466651	SSF x LoA	-8,67832329	-0,128	0,299
CHR5	14679669	CHR5:14679669	SSF x LoA	-9,62457211	0,091	0,300
CHR5	14695346	CHR5:14695346	SSF x LoA	-10,2227855	-0,122	0,307
CHR5	14700752	CHR5:14700752	SSF x LoA	-10,2210414	-0,145	0,284
CHR5	14700786	CHR5:14700786	SSF x LoA	-9,06968016	-0,065	0,307
CHR5	14700795	CHR5:14700795	SSF x LoA	-7,26579844	-0,085	0,296
CHR5	14700798	CHR5:14700798	SSF x LoA	-9,59283271	-0,102	0,307
CHR5	14700799	CHR5:14700799	SSF x LoA	-9,94024719	-0,095	0,297
CHR5	14700809	CHR5:14700809	SSF x LoA	-9,04570361	-0,082	0,288
CHR5	14700819	CHR5:14700819	SSF x LoA	-10,6149443	-0,056	0,302
CHR5	14700983	CHR5:14700983	SSF x LoA	-9,84548102	-0,075	0,297
CHR5	14701015	CHR5:14701015	SSF x LoA	-8,44565845	0,141	0,299
CHR5	1470374	CHR5:1470374	SSF x LoA	-8,31221648	0,003	0,306
CHR5	14711504	CHR5:14711504	SSF x LoA	-8,81043716	0,041	0,317
CHR5	1473479	CHR5:1473479	SSF x LoA	-9,37123735	0,064	0,298
CHR5	1473507	CHR5:1473507	SSF x LoA	-8,75791395	-0,078	0,296
CHR5	1473583	CHR5:1473583	SSF x LoA	-5,55308328	0,184	0,298
CHR5	1473714	CHR5:1473714	SSF x LoA	-6,34010412	-0,092	0,304
CHR5	1473720	CHR5:1473720	SSF x LoA	-9,52249068	-0,018	0,322
CHR5	14756184	CHR5:14756184	SSF x LoA	-9,34546534	-0,039	0,297
CHR5	14758614	CHR5:14758614	SSF x LoA	-10,9539212	-0,014	0,319
CHR5	14762945	CHR5:14762945	SSF x LoA	-7,76033038	0,134	0,301
CHR5	14762946	CHR5:14762946	SSF x LoA	-8,63126599	0,139	0,321
CHR5	14763214	CHR5:14763214	SSF x LoA	-10,0374543	0,003	0,315
CHR5	14763302	CHR5:14763302	SSF x LoA	-5,30893448	0,106	0,289
CHR5	14771030	CHR5:14771030	SSF x LoA	0,8016578	-0,195	0,304
CHR5	14771064	CHR5:14771064	SSF x LoA	-9,40680421	0,074	0,312
CHR5	14771119	CHR5:14771119	SSF x LoA	-11,3015319	-0,033	0,299
CHR5	14772964	CHR5:14772964	SSF x LoA	-10,1007239	0,030	0,314
CHR5	14773183	CHR5:14773183	SSF x LoA	-6,29689206	0,124	0,296
CHR5	1477568	CHR5:1477568	SSF x LoA	-6,89433464	0,081	0,301
CHR5	14783462	CHR5:14783462	SSF x LoA	-10,3273734	0,092	0,311
CHR5	14783463	CHR5:14783463	SSF x LoA	-11,4802025	0,099	0,295

CHR5	1478377	CHR5:1478377	SSF x LoA	-6,21366081	-0,098	0,321
CHR5	14805538	CHR5:14805538	SSF x LoA	-2,45216799	0,113	0,304
CHR5	14815267	CHR5:14815267	SSF x LoA	-10,3956452	0,055	0,297
CHR5	14817408	CHR5:14817408	SSF x LoA	-6,93398204	0,171	0,302
CHR5	14850065	CHR5:14850065	SSF x LoA	-7,51672096	-0,144	0,301
CHR5	1487112	CHR5:1487112	SSF x LoA	-10,9563956	-0,024	0,297
CHR5	1487282	CHR5:1487282	SSF x LoA	-8,54068748	-0,075	0,311
CHR5	1487325	CHR5:1487325	SSF x LoA	-10,9042069	0,031	0,313
CHR5	14873645	CHR5:14873645	SSF x LoA	-9,20433951	0,096	0,316
CHR5	14925123	CHR5:14925123	SSF x LoA	-7,79484849	0,014	0,318
CHR5	14925124	CHR5:14925124	SSF x LoA	-8,30009778	-0,016	0,323
CHR5	14925133	CHR5:14925133	SSF x LoA	-8,81663918	-0,011	0,322
CHR5	14925136	CHR5:14925136	SSF x LoA	-8,94147058	0,006	0,312
CHR5	14925148	CHR5:14925148	SSF x LoA	-9,20760164	0,028	0,310
CHR5	14925154	CHR5:14925154	SSF x LoA	-8,65939338	0,001	0,324
CHR5	14925158	CHR5:14925158	SSF x LoA	-7,59088276	-0,010	0,322
CHR5	14925165	CHR5:14925165	SSF x LoA	-8,10079483	-0,021	0,308
CHR5	14925166	CHR5:14925166	SSF x LoA	-7,62512317	-0,007	0,329
CHR5	14925170	CHR5:14925170	SSF x LoA	-8,76180017	0,022	0,317
CHR5	14925189	CHR5:14925189	SSF x LoA	-9,66527891	-0,017	0,301
CHR5	14925213	CHR5:14925213	SSF x LoA	-7,44079027	-0,006	0,328
CHR5	14925216	CHR5:14925216	SSF x LoA	0,61873068	-0,013	0,311
CHR5	14925223	CHR5:14925223	SSF x LoA	-8,24658399	-0,003	0,317
CHR5	14925225	CHR5:14925225	SSF x LoA	-8,23697769	0,005	0,339
CHR5	14925230	CHR5:14925230	SSF x LoA	-8,38684321	-0,002	0,314
CHR5	14954914	CHR5:14954914	SSF x LoA	-8,03999058	-0,017	0,328
CHR5	14954917	CHR5:14954917	SSF x LoA	-8,91949745	-0,013	0,321
CHR5	14954918	CHR5:14954918	SSF x LoA	-6,28376978	-0,006	0,321
CHR5	14954936	CHR5:14954936	SSF x LoA	-8,04792106	0,002	0,316
CHR5	14954941	CHR5:14954941	SSF x LoA	-8,81873866	0,014	0,311
CHR5	14954951	CHR5:14954951	SSF x LoA	-5,59361743	-0,017	0,312
CHR5	14954964	CHR5:14954964	SSF x LoA	-7,69865061	-0,010	0,319
CHR5	14954970	CHR5:14954970	SSF x LoA	-8,84202691	-0,011	0,330
CHR5	14954979	CHR5:14954979	SSF x LoA	-8,64985327	-0,010	0,325
CHR5	14954983	CHR5:14954983	SSF x LoA	-7,65938472	-0,040	0,316
CHR5	14955002	CHR5:14955002	SSF x LoA	-8,41364032	-0,001	0,321
CHR5	14955005	CHR5:14955005	SSF x LoA	-8,16196473	-0,002	0,334
CHR5	14955008	CHR5:14955008	SSF x LoA	-8,4647831	-0,002	0,309
CHR5	14966277	CHR5:14966277	SSF x LoA	-8,43574976	0,040	0,310
CHR5	14966313	CHR5:14966313	SSF x LoA	-9,63210533	0,031	0,295
CHR5	1497125	CHR5:1497125	SSF x LoA	-10,033467	-0,011	0,299
CHR5	1497149	CHR5:1497149	SSF x LoA	-10,7643081	0,008	0,308
CHR5	1498057	CHR5:1498057	SSF x LoA	-7,18951956	0,057	0,311
CHR5	1498101	CHR5:1498101	SSF x LoA	-8,12444147	0,060	0,306
CHR5	1498118	CHR5:1498118	SSF x LoA	-10,5926989	-0,013	0,300
CHR5	1499104	CHR5:1499104	SSF x LoA	-8,56980825	-0,050	0,316
CHR5	14996886	CHR5:14996886	SSF x LoA	-6,41547278	0,015	0,321
CHR5	14996891	CHR5:14996891	SSF x LoA	-8,54208859	-0,021	0,322
CHR5	14996897	CHR5:14996897	SSF x LoA	-5,72555958	-0,002	0,314
CHR5	14996903	CHR5:14996903	SSF x LoA	-7,25140341	0,023	0,321
CHR5	14996904	CHR5:14996904	SSF x LoA	-8,87890615	-0,001	0,314
CHR5	14996907	CHR5:14996907	SSF x LoA	-8,72133337	-0,018	0,319
CHR5	14996929	CHR5:14996929	SSF x LoA	-7,98336548	-0,004	0,321

CHR5	14996945	CHR5:14996945	SSF x LoA	-8,58654029	0,029	0,319
CHR5	14996958	CHR5:14996958	SSF x LoA	-8,72554684	0,011	0,309
CHR5	14996960	CHR5:14996960	SSF x LoA	-7,94187041	-0,034	0,322
CHR5	14996967	CHR5:14996967	SSF x LoA	-7,70064138	-0,001	0,326
CHR5	14996987	CHR5:14996987	SSF x LoA	-8,60700612	-0,036	0,306
CHR5	14997042	CHR5:14997042	SSF x LoA	-9,10585893	-0,008	0,314
CHR5	15025413	CHR5:15025413	SSF x LoA	-8,40355097	-0,014	0,315
CHR5	15025439	CHR5:15025439	SSF x LoA	-6,65712119	0,004	0,310
CHR5	15025440	CHR5:15025440	SSF x LoA	-1,81126203	0,005	0,327
CHR5	15025441	CHR5:15025441	SSF x LoA	-2,76649373	-0,031	0,317
CHR5	15025524	CHR5:15025524	SSF x LoA	-8,10970756	0,009	0,324
CHR5	15025695	CHR5:15025695	SSF x LoA	-8,67799803	0,005	0,304
CHR5	15025701	CHR5:15025701	SSF x LoA	-8,34877699	0,003	0,313
CHR5	1503103	CHR5:1503103	SSF x LoA	-10,6295659	0,019	0,314
CHR5	1503105	CHR5:1503105	SSF x LoA	-10,6798321	-0,013	0,307
CHR5	1503107	CHR5:1503107	SSF x LoA	-3,89037101	-0,034	0,312
CHR5	1503109	CHR5:1503109	SSF x LoA	-10,5456516	0,001	0,308
CHR5	1506401	CHR5:1506401	SSF x LoA	-10,1050709	-0,059	0,301
CHR5	1506497	CHR5:1506497	SSF x LoA	-10,2523433	-0,003	0,300
CHR5	1506514	CHR5:1506514	SSF x LoA	-7,83311105	-0,034	0,291
CHR5	15065375	CHR5:15065375	SSF x LoA	-7,90701474	-0,019	0,324
CHR5	1506547	CHR5:1506547	SSF x LoA	-7,03424229	0,004	0,301
CHR5	15069520	CHR5:15069520	SSF x LoA	-8,63912138	-0,023	0,316
CHR5	15069618	CHR5:15069618	SSF x LoA	-8,81539622	0,023	0,301
CHR5	15069626	CHR5:15069626	SSF x LoA	-8,43267055	-0,022	0,320
CHR5	15069673	CHR5:15069673	SSF x LoA	-8,69399975	0,011	0,317
CHR5	15069707	CHR5:15069707	SSF x LoA	-8,69046049	0,016	0,326
CHR5	15069726	CHR5:15069726	SSF x LoA	-6,25976347	0,009	0,322
CHR5	1509532	CHR5:1509532	SSF x LoA	-9,42716965	0,050	0,323
CHR5	15096481	CHR5:15096481	SSF x LoA	-9,4510695	-0,003	0,304
CHR5	15096511	CHR5:15096511	SSF x LoA	-7,10683582	-0,009	0,322
CHR5	15133976	CHR5:15133976	SSF x LoA	-7,97203603	0,018	0,318
CHR5	15133987	CHR5:15133987	SSF x LoA	-8,91594464	-0,004	0,310
CHR5	15133996	CHR5:15133996	SSF x LoA	-8,19874228	-0,015	0,327
CHR5	15134004	CHR5:15134004	SSF x LoA	-8,90760622	0,001	0,310
CHR5	15134056	CHR5:15134056	SSF x LoA	-7,97702144	-0,001	0,318
CHR5	15134071	CHR5:15134071	SSF x LoA	-8,94712672	-0,012	0,305
CHR5	15134116	CHR5:15134116	SSF x LoA	-6,00362638	0,026	0,329
CHR5	15134197	CHR5:15134197	SSF x LoA	-8,62668548	-0,006	0,322
CHR5	15134256	CHR5:15134256	SSF x LoA	-8,50603231	-0,005	0,317
CHR5	15134278	CHR5:15134278	SSF x LoA	-8,3577941	0,012	0,320
CHR5	15134280	CHR5:15134280	SSF x LoA	-9,15920283	-0,013	0,312
CHR5	15134292	CHR5:15134292	SSF x LoA	-8,97508891	-0,017	0,325
CHR5	15134310	CHR5:15134310	SSF x LoA	-8,71807076	-0,005	0,312
CHR5	15162447	CHR5:15162447	SSF x LoA	-7,65365208	0,017	0,326
CHR5	15162453	CHR5:15162453	SSF x LoA	-6,13503438	0,000	0,336
CHR5	15162457	CHR5:15162457	SSF x LoA	-4,45778679	0,014	0,328
CHR5	15162459	CHR5:15162459	SSF x LoA	-8,05468458	-0,026	0,319
CHR5	15162485	CHR5:15162485	SSF x LoA	-7,8467451	0,012	0,325
CHR5	15163612	CHR5:15163612	SSF x LoA	-10,616358	-0,103	0,306
CHR5	1517911	CHR5:1517911	SSF x LoA	-8,55294387	0,137	0,299
CHR5	15198692	CHR5:15198692	SSF x LoA	-10,4864152	-0,132	0,298
CHR5	15233127	CHR5:15233127	SSF x LoA	-8,89993349	0,016	0,312

CHR5	1526770	CHR5:1526770	SSF x LoA	-8,21682181	-0,051	0,315
CHR5	15274630	CHR5:15274630	SSF x LoA	-9,54363005	0,021	0,310
CHR5	15274736	CHR5:15274736	SSF x LoA	-8,06313329	0,002	0,330
CHR5	15274744	CHR5:15274744	SSF x LoA	-8,91864517	-0,014	0,321
CHR5	15274752	CHR5:15274752	SSF x LoA	-7,50996078	0,015	0,315
CHR5	15274776	CHR5:15274776	SSF x LoA	-7,72833318	-0,004	0,326
CHR5	15274893	CHR5:15274893	SSF x LoA	-7,92164977	-0,012	0,313
CHR5	15274900	CHR5:15274900	SSF x LoA	-9,48673961	-0,009	0,309
CHR5	15274915	CHR5:15274915	SSF x LoA	-6,07981217	0,000	0,323
CHR5	1528450	CHR5:1528450	SSF x LoA	-7,76440214	0,186	0,300
CHR5	1528522	CHR5:1528522	SSF x LoA	-9,31829625	0,041	0,315
CHR5	15318381	CHR5:15318381	SSF x LoA	-6,97967655	-0,059	0,315
CHR5	15328948	CHR5:15328948	SSF x LoA	-8,25018251	-0,029	0,311
CHR5	15328958	CHR5:15328958	SSF x LoA	-2,64536509	0,005	0,325
CHR5	15328970	CHR5:15328970	SSF x LoA	-9,05932144	0,023	0,323
CHR5	15328986	CHR5:15328986	SSF x LoA	-8,17831725	-0,024	0,328
CHR5	15328993	CHR5:15328993	SSF x LoA	-8,48119152	-0,011	0,315
CHR5	15329022	CHR5:15329022	SSF x LoA	-8,760773	0,013	0,320
CHR5	15353229	CHR5:15353229	SSF x LoA	-8,01344985	0,010	0,308
CHR5	1536137	CHR5:1536137	SSF x LoA	-10,3144771	-0,035	0,309
CHR5	1536191	CHR5:1536191	SSF x LoA	-7,72447878	0,038	0,311
CHR5	1536325	CHR5:1536325	SSF x LoA	-8,83434953	0,020	0,308
CHR5	1536344	CHR5:1536344	SSF x LoA	-9,80903328	0,096	0,316
CHR5	15394108	CHR5:15394108	SSF x LoA	-11,4624394	-0,026	0,309
CHR5	15415033	CHR5:15415033	SSF x LoA	-7,69196252	-0,001	0,323
CHR5	15415056	CHR5:15415056	SSF x LoA	-7,78902705	0,008	0,309
CHR5	15415081	CHR5:15415081	SSF x LoA	-8,73329199	0,003	0,324
CHR5	15415187	CHR5:15415187	SSF x LoA	-7,24704969	-0,015	0,302
CHR5	15415189	CHR5:15415189	SSF x LoA	-7,02546655	-0,019	0,312
CHR5	1543285	CHR5:1543285	SSF x LoA	-10,5145272	0,048	0,293
CHR5	1543292	CHR5:1543292	SSF x LoA	-8,27973691	0,032	0,309
CHR5	1543297	CHR5:1543297	SSF x LoA	-6,95019034	0,058	0,297
CHR5	1543349	CHR5:1543349	SSF x LoA	-12,4059087	0,014	0,303
CHR5	1546501	CHR5:1546501	SSF x LoA	-11,2984408	-0,011	0,294
CHR5	1546530	CHR5:1546530	SSF x LoA	-7,58619888	0,106	0,294
CHR5	1546593	CHR5:1546593	SSF x LoA	-7,84006796	-0,128	0,305
CHR5	1546597	CHR5:1546597	SSF x LoA	-11,7304735	0,018	0,308
CHR5	1546610	CHR5:1546610	SSF x LoA	-8,83151548	0,025	0,306
CHR5	15538169	CHR5:15538169	SSF x LoA	-7,02647555	-0,052	0,309
CHR5	1554807	CHR5:1554807	SSF x LoA	2,31760187	-0,149	0,294
CHR5	1558517	CHR5:1558517	SSF x LoA	-8,67078474	0,027	0,312
CHR5	1558531	CHR5:1558531	SSF x LoA	-7,09377969	-0,077	0,298
CHR5	1558538	CHR5:1558538	SSF x LoA	-6,88600313	0,077	0,301
CHR5	1558573	CHR5:1558573	SSF x LoA	-8,30965973	-0,073	0,310
CHR5	1558576	CHR5:1558576	SSF x LoA	-7,86799545	-0,072	0,320
CHR5	15586098	CHR5:15586098	SSF x LoA	-9,07378208	0,036	0,312
CHR5	1561184	CHR5:1561184	SSF x LoA	-8,43591467	0,076	0,302
CHR5	1561193	CHR5:1561193	SSF x LoA	-10,1601792	-0,027	0,304
CHR5	15620767	CHR5:15620767	SSF x LoA	-8,36293597	-0,012	0,322
CHR5	15642944	CHR5:15642944	SSF x LoA	-8,69129436	-0,001	0,296
CHR5	15666467	CHR5:15666467	SSF x LoA	-7,52864525	-0,001	0,319
CHR5	15666483	CHR5:15666483	SSF x LoA	-9,04697067	0,006	0,319
CHR5	15666494	CHR5:15666494	SSF x LoA	-8,43758973	-0,006	0,317

CHR5	15666510	CHR5:15666510	SSF x LoA	-6,49428777	-0,028	0,314
CHR5	15666516	CHR5:15666516	SSF x LoA	-9,11481673	0,018	0,314
CHR5	15666529	CHR5:15666529	SSF x LoA	-8,38570847	0,001	0,317
CHR5	15666530	CHR5:15666530	SSF x LoA	-8,97379936	-0,034	0,319
CHR5	15666532	CHR5:15666532	SSF x LoA	-8,3505405	-0,020	0,317
CHR5	15666549	CHR5:15666549	SSF x LoA	-9,13762989	-0,017	0,318
CHR5	15666563	CHR5:15666563	SSF x LoA	-8,754963	-0,009	0,331
CHR5	15666566	CHR5:15666566	SSF x LoA	-7,61597383	-0,021	0,320
CHR5	15666575	CHR5:15666575	SSF x LoA	-7,23407493	-0,010	0,321
CHR5	1571938	CHR5:1571938	SSF x LoA	-8,26408052	0,100	0,302
CHR5	1571943	CHR5:1571943	SSF x LoA	-10,6925529	-0,056	0,304
CHR5	1571972	CHR5:1571972	SSF x LoA	-8,0103275	-0,100	0,306
CHR5	1572005	CHR5:1572005	SSF x LoA	-5,14959636	-0,041	0,324
CHR5	1572023	CHR5:1572023	SSF x LoA	-7,52588758	-0,066	0,305
CHR5	1572138	CHR5:1572138	SSF x LoA	-11,9139906	0,024	0,305
CHR5	1572150	CHR5:1572150	SSF x LoA	-11,3607652	-0,110	0,301
CHR5	1572276	CHR5:1572276	SSF x LoA	-7,47079927	0,145	0,292
CHR5	1573343	CHR5:1573343	SSF x LoA	-11,0768629	0,050	0,307
CHR5	1573352	CHR5:1573352	SSF x LoA	-5,48655054	0,030	0,311
CHR5	1573363	CHR5:1573363	SSF x LoA	4,49979973	0,023	0,304
CHR5	1573378	CHR5:1573378	SSF x LoA	-7,32025924	0,024	0,325
CHR5	1573420	CHR5:1573420	SSF x LoA	-9,99192792	0,077	0,317
CHR5	1573421	CHR5:1573421	SSF x LoA	-10,0017602	-0,041	0,299
CHR5	1576574	CHR5:1576574	SSF x LoA	-8,5054233	0,078	0,311
CHR5	1576602	CHR5:1576602	SSF x LoA	-7,75388564	-0,080	0,313
CHR5	1576676	CHR5:1576676	SSF x LoA	-7,63093103	0,211	0,297
CHR5	1576760	CHR5:1576760	SSF x LoA	-8,6654236	0,000	0,297
CHR5	1581206	CHR5:1581206	SSF x LoA	-4,61613615	0,284	0,280
CHR5	1581274	CHR5:1581274	SSF x LoA	-10,0318634	-0,122	0,288
CHR5	1581295	CHR5:1581295	SSF x LoA	-8,37521473	-0,030	0,307
CHR5	15890647	CHR5:15890647	SSF x LoA	-8,90641093	0,002	0,320
CHR5	15890687	CHR5:15890687	SSF x LoA	-5,3827973	-0,024	0,323
CHR5	15942019	CHR5:15942019	SSF x LoA	-11,5007398	0,039	0,301
CHR5	15964545	CHR5:15964545	SSF x LoA	-8,58241927	0,023	0,324
CHR5	15964557	CHR5:15964557	SSF x LoA	-8,46244729	0,020	0,313
CHR5	15964561	CHR5:15964561	SSF x LoA	-8,24257114	-0,007	0,328
CHR5	15964566	CHR5:15964566	SSF x LoA	-7,91800591	0,041	0,314
CHR5	15964582	CHR5:15964582	SSF x LoA	-8,93096036	-0,003	0,320
CHR5	15964605	CHR5:15964605	SSF x LoA	-2,29897022	0,043	0,317
CHR5	15964607	CHR5:15964607	SSF x LoA	-7,7074228	0,039	0,311
CHR5	16028168	CHR5:16028168	SSF x LoA	-11,7678738	-0,045	0,306
CHR5	1603698	CHR5:1603698	SSF x LoA	-7,89888885	-0,065	0,297
CHR5	1603733	CHR5:1603733	SSF x LoA	-10,4835518	-0,013	0,290
CHR5	1603784	CHR5:1603784	SSF x LoA	-10,2045479	-0,043	0,306
CHR5	16063075	CHR5:16063075	SSF x LoA	-10,5944976	-0,089	0,290
CHR5	16093970	CHR5:16093970	SSF x LoA	-7,48714137	-0,072	0,315
CHR5	1610418	CHR5:1610418	SSF x LoA	-5,65127188	0,211	0,298
CHR5	16123011	CHR5:16123011	SSF x LoA	-11,6245355	0,056	0,304
CHR5	16125413	CHR5:16125413	SSF x LoA	-9,71764565	0,165	0,298
CHR5	16192026	CHR5:16192026	SSF x LoA	-11,9052662	-0,004	0,300
CHR5	16198404	CHR5:16198404	SSF x LoA	-8,845869	-0,107	0,296
CHR5	1626030	CHR5:1626030	SSF x LoA	-8,98911906	0,108	0,294
CHR5	16295289	CHR5:16295289	SSF x LoA	-7,93979394	-0,033	0,322

CHR5	16295313	CHR5:16295313	SSF x LoA	-8,10768716	-0,004	0,311
CHR5	16295346	CHR5:16295346	SSF x LoA	-8,65287104	-0,042	0,309
CHR5	16295369	CHR5:16295369	SSF x LoA	-4,2463343	-0,044	0,321
CHR5	16295382	CHR5:16295382	SSF x LoA	-8,70108788	-0,032	0,322
CHR5	16295411	CHR5:16295411	SSF x LoA	-6,78540327	-0,049	0,316
CHR5	16295883	CHR5:16295883	SSF x LoA	-10,5871173	-0,094	0,297
CHR5	1631620	CHR5:1631620	SSF x LoA	-9,02083566	0,003	0,316
CHR5	1631689	CHR5:1631689	SSF x LoA	-9,64624649	0,099	0,310
CHR5	1633021	CHR5:1633021	SSF x LoA	-7,60048696	-0,060	0,309
CHR5	1633052	CHR5:1633052	SSF x LoA	-9,57787838	0,044	0,304
CHR5	1633067	CHR5:1633067	SSF x LoA	-7,83900994	-0,040	0,299
CHR5	1633077	CHR5:1633077	SSF x LoA	-9,79967487	-0,067	0,299
CHR5	1633089	CHR5:1633089	SSF x LoA	-8,97061346	0,043	0,311
CHR5	16342403	CHR5:16342403	SSF x LoA	-12,4046797	-0,017	0,302
CHR5	1640499	CHR5:1640499	SSF x LoA	-8,79676237	-0,140	0,315
CHR5	1640504	CHR5:1640504	SSF x LoA	-8,23807251	-0,026	0,302
CHR5	1640700	CHR5:1640700	SSF x LoA	-8,41357365	0,045	0,294
CHR5	16435964	CHR5:16435964	SSF x LoA	-8,94094933	0,128	0,283
CHR5	16444608	CHR5:16444608	SSF x LoA	-8,66880545	-0,022	0,320
CHR5	16444661	CHR5:16444661	SSF x LoA	-6,7046194	-0,052	0,309
CHR5	16446387	CHR5:16446387	SSF x LoA	-9,1617134	0,033	0,299
CHR5	16450431	CHR5:16450431	SSF x LoA	-5,80721337	-0,031	0,305
CHR5	1645498	CHR5:1645498	SSF x LoA	-9,3233869	-0,092	0,303
CHR5	1645505	CHR5:1645505	SSF x LoA	-8,94259635	0,038	0,300
CHR5	1645607	CHR5:1645607	SSF x LoA	-9,25632905	0,047	0,307
CHR5	16456502	CHR5:16456502	SSF x LoA	-8,05447159	-0,072	0,300
CHR5	16456512	CHR5:16456512	SSF x LoA	-7,71316894	-0,082	0,310
CHR5	16456527	CHR5:16456527	SSF x LoA	-8,98439799	-0,048	0,295
CHR5	16456552	CHR5:16456552	SSF x LoA	-8,80044926	-0,074	0,317
CHR5	16467465	CHR5:16467465	SSF x LoA	-8,72314889	0,075	0,318
CHR5	16467904	CHR5:16467904	SSF x LoA	-9,00239282	0,053	0,312
CHR5	16467917	CHR5:16467917	SSF x LoA	-12,4165542	0,007	0,305
CHR5	16467918	CHR5:16467918	SSF x LoA	-11,7019053	-0,017	0,308
CHR5	16467923	CHR5:16467923	SSF x LoA	-8,34681951	0,077	0,306
CHR5	16467947	CHR5:16467947	SSF x LoA	-11,0782883	-0,062	0,316
CHR5	16467997	CHR5:16467997	SSF x LoA	-8,18729532	0,040	0,312
CHR5	16473995	CHR5:16473995	SSF x LoA	-8,74174363	0,060	0,314
CHR5	16474021	CHR5:16474021	SSF x LoA	-9,18129268	-0,141	0,313
CHR5	16474049	CHR5:16474049	SSF x LoA	-9,58648043	0,054	0,305
CHR5	16474053	CHR5:16474053	SSF x LoA	-9,48090461	-0,004	0,315
CHR5	16474092	CHR5:16474092	SSF x LoA	-7,97383767	0,101	0,317
CHR5	16495341	CHR5:16495341	SSF x LoA	-9,08510651	0,021	0,303
CHR5	16496042	CHR5:16496042	SSF x LoA	-9,71212266	-0,036	0,314
CHR5	16514352	CHR5:16514352	SSF x LoA	-10,6836294	-0,110	0,298
CHR5	16514377	CHR5:16514377	SSF x LoA	-8,36058918	-0,126	0,302
CHR5	16514382	CHR5:16514382	SSF x LoA	-9,10380515	-0,044	0,309
CHR5	16514396	CHR5:16514396	SSF x LoA	-8,64420772	-0,043	0,307
CHR5	16514424	CHR5:16514424	SSF x LoA	-8,66683967	0,033	0,297
CHR5	16514529	CHR5:16514529	SSF x LoA	-9,2324505	-0,044	0,296
CHR5	16514560	CHR5:16514560	SSF x LoA	-7,68481837	-0,070	0,300
CHR5	16539059	CHR5:16539059	SSF x LoA	-9,3961739	-0,135	0,309
CHR5	16539115	CHR5:16539115	SSF x LoA	-11,0229774	-0,126	0,294
CHR5	16539136	CHR5:16539136	SSF x LoA	-7,91444747	-0,127	0,308

CHR5	16544132	CHR5:16544132	SSF x LoA	-9,62142591	-0,079	0,306
CHR5	16547840	CHR5:16547840	SSF x LoA	-8,79853489	0,056	0,293
CHR5	16547849	CHR5:16547849	SSF x LoA	-11,3526965	0,031	0,299
CHR5	16547852	CHR5:16547852	SSF x LoA	-9,70891946	0,058	0,307
CHR5	16547940	CHR5:16547940	SSF x LoA	-9,48847417	0,051	0,308
CHR5	16547977	CHR5:16547977	SSF x LoA	-8,21840389	-0,104	0,315
CHR5	1655053	CHR5:1655053	SSF x LoA	-10,6051094	0,016	0,319
CHR5	16555179	CHR5:16555179	SSF x LoA	-7,18667684	-0,001	0,308
CHR5	16555249	CHR5:16555249	SSF x LoA	-8,15180052	-0,011	0,310
CHR5	16555259	CHR5:16555259	SSF x LoA	-9,39998012	0,027	0,308
CHR5	16559602	CHR5:16559602	SSF x LoA	-8,49198314	0,012	0,301
CHR5	16559654	CHR5:16559654	SSF x LoA	-7,92080409	0,077	0,314
CHR5	16573286	CHR5:16573286	SSF x LoA	-9,88621594	0,097	0,303
CHR5	16573295	CHR5:16573295	SSF x LoA	-10,2435881	0,006	0,312
CHR5	16573355	CHR5:16573355	SSF x LoA	-10,9376758	0,016	0,306
CHR5	16573361	CHR5:16573361	SSF x LoA	-9,8415243	0,003	0,309
CHR5	16573372	CHR5:16573372	SSF x LoA	-8,42270834	-0,076	0,308
CHR5	16573383	CHR5:16573383	SSF x LoA	-10,2889394	-0,059	0,306
CHR5	16573394	CHR5:16573394	SSF x LoA	-10,471553	0,045	0,306
CHR5	16573456	CHR5:16573456	SSF x LoA	-9,56237702	0,094	0,295
CHR5	16574056	CHR5:16574056	SSF x LoA	-11,4013712	0,057	0,303
CHR5	16574086	CHR5:16574086	SSF x LoA	-10,3518662	0,120	0,300
CHR5	16574088	CHR5:16574088	SSF x LoA	-9,5873569	-0,074	0,303
CHR5	16574110	CHR5:16574110	SSF x LoA	-6,42684952	0,139	0,310
CHR5	1657445	CHR5:1657445	SSF x LoA	-7,4594456	0,033	0,297
CHR5	16574616	CHR5:16574616	SSF x LoA	-9,94510481	-0,114	0,304
CHR5	16574667	CHR5:16574667	SSF x LoA	-7,92766437	0,083	0,313
CHR5	16575394	CHR5:16575394	SSF x LoA	-7,64521675	-0,151	0,303
CHR5	16575432	CHR5:16575432	SSF x LoA	-9,68561619	0,017	0,301
CHR5	16575463	CHR5:16575463	SSF x LoA	-10,4217594	-0,073	0,318
CHR5	1657604	CHR5:1657604	SSF x LoA	-8,87037768	0,168	0,281
CHR5	1657622	CHR5:1657622	SSF x LoA	-11,9600132	0,034	0,297
CHR5	16580819	CHR5:16580819	SSF x LoA	-9,5808852	0,105	0,295
CHR5	16580827	CHR5:16580827	SSF x LoA	-8,88457533	-0,067	0,319
CHR5	16580832	CHR5:16580832	SSF x LoA	-6,4898917	0,148	0,312
CHR5	16580835	CHR5:16580835	SSF x LoA	-7,49368406	0,126	0,317
CHR5	16580838	CHR5:16580838	SSF x LoA	-6,1712331	-0,116	0,310
CHR5	16580839	CHR5:16580839	SSF x LoA	-8,47158122	-0,127	0,309
CHR5	16580845	CHR5:16580845	SSF x LoA	-9,36322518	-0,080	0,306
CHR5	16580868	CHR5:16580868	SSF x LoA	-8,85468099	-0,099	0,306
CHR5	16580871	CHR5:16580871	SSF x LoA	-9,89989144	-0,010	0,307
CHR5	16580880	CHR5:16580880	SSF x LoA	-9,13768304	-0,118	0,303
CHR5	16580903	CHR5:16580903	SSF x LoA	-8,67618516	-0,120	0,302
CHR5	16580912	CHR5:16580912	SSF x LoA	-3,52611647	0,213	0,295
CHR5	16580913	CHR5:16580913	SSF x LoA	-7,82381298	-0,095	0,312
CHR5	16580994	CHR5:16580994	SSF x LoA	-8,44798	-0,124	0,301
CHR5	16593846	CHR5:16593846	SSF x LoA	-9,57634945	-0,103	0,302
CHR5	16594001	CHR5:16594001	SSF x LoA	-9,67619813	-0,018	0,291
CHR5	16594029	CHR5:16594029	SSF x LoA	-6,64767721	0,077	0,326
CHR5	16607548	CHR5:16607548	SSF x LoA	-8,94143152	0,086	0,299
CHR5	16607583	CHR5:16607583	SSF x LoA	-9,85090829	-0,005	0,312
CHR5	16607587	CHR5:16607587	SSF x LoA	-10,4650647	-0,070	0,303
CHR5	16607604	CHR5:16607604	SSF x LoA	-10,6621329	0,069	0,309

CHR5	16607623	CHR5:16607623	SSF x LoA	-8,75665524	-0,102	0,299
CHR5	16607643	CHR5:16607643	SSF x LoA	-8,42549602	0,007	0,312
CHR5	16607654	CHR5:16607654	SSF x LoA	-8,14070954	0,078	0,304
CHR5	16610963	CHR5:16610963	SSF x LoA	-9,43613931	0,180	0,297
CHR5	16610984	CHR5:16610984	SSF x LoA	-9,91418084	0,001	0,303
CHR5	16611000	CHR5:16611000	SSF x LoA	-7,0634936	-0,063	0,321
CHR5	16611018	CHR5:16611018	SSF x LoA	-11,2273909	-0,039	0,297
CHR5	16611164	CHR5:16611164	SSF x LoA	-2,86642932	0,070	0,313
CHR5	16618624	CHR5:16618624	SSF x LoA	-5,64504224	0,147	0,283
CHR5	16623987	CHR5:16623987	SSF x LoA	-7,82554767	0,022	0,316
CHR5	16624030	CHR5:16624030	SSF x LoA	-9,12227613	-0,015	0,315
CHR5	16624228	CHR5:16624228	SSF x LoA	-9,77962414	0,018	0,315
CHR5	16626544	CHR5:16626544	SSF x LoA	-10,893373	0,014	0,319
CHR5	16626558	CHR5:16626558	SSF x LoA	-6,79431108	0,162	0,301
CHR5	16626633	CHR5:16626633	SSF x LoA	-7,04021992	0,124	0,307
CHR5	16626666	CHR5:16626666	SSF x LoA	-7,52021374	0,151	0,305
CHR5	16626756	CHR5:16626756	SSF x LoA	-7,21132804	-0,115	0,296
CHR5	16626784	CHR5:16626784	SSF x LoA	-8,36559439	0,114	0,295
CHR5	16626787	CHR5:16626787	SSF x LoA	-1,54868978	-0,113	0,312
CHR5	16631707	CHR5:16631707	SSF x LoA	-11,107094	-0,028	0,310
CHR5	16631732	CHR5:16631732	SSF x LoA	-7,63189432	0,007	0,297
CHR5	16638451	CHR5:16638451	SSF x LoA	-10,0996033	-0,028	0,308
CHR5	16638470	CHR5:16638470	SSF x LoA	-9,39319177	0,016	0,324
CHR5	16638483	CHR5:16638483	SSF x LoA	-8,86517219	0,031	0,309
CHR5	16638487	CHR5:16638487	SSF x LoA	-10,6811076	-0,051	0,323
CHR5	16638507	CHR5:16638507	SSF x LoA	-8,57711616	0,022	0,312
CHR5	16638643	CHR5:16638643	SSF x LoA	-9,47252324	-0,036	0,305
CHR5	16641304	CHR5:16641304	SSF x LoA	-9,76153189	-0,012	0,303
CHR5	16646612	CHR5:16646612	SSF x LoA	-9,84018659	-0,027	0,311
CHR5	16646689	CHR5:16646689	SSF x LoA	-8,54481103	-0,043	0,311
CHR5	16646728	CHR5:16646728	SSF x LoA	-7,39126477	-0,033	0,317
CHR5	16646729	CHR5:16646729	SSF x LoA	-2,81368517	-0,037	0,329
CHR5	16655299	CHR5:16655299	SSF x LoA	-8,71933614	-0,019	0,301
CHR5	16659140	CHR5:16659140	SSF x LoA	-10,4180082	0,010	0,314
CHR5	16659194	CHR5:16659194	SSF x LoA	-8,71149431	0,029	0,310
CHR5	16660249	CHR5:16660249	SSF x LoA	-8,37044812	-0,153	0,294
CHR5	16660279	CHR5:16660279	SSF x LoA	-9,53300562	-0,023	0,306
CHR5	1666191	CHR5:1666191	SSF x LoA	-5,97414955	0,115	0,313
CHR5	16669046	CHR5:16669046	SSF x LoA	-7,63070587	0,049	0,313
CHR5	16669049	CHR5:16669049	SSF x LoA	-10,0279398	-0,036	0,300
CHR5	16669224	CHR5:16669224	SSF x LoA	-8,80963279	-0,026	0,304
CHR5	16669249	CHR5:16669249	SSF x LoA	-9,43537354	0,050	0,302
CHR5	16672288	CHR5:16672288	SSF x LoA	-8,12522958	-0,059	0,314
CHR5	16672315	CHR5:16672315	SSF x LoA	-7,86509692	-0,115	0,323
CHR5	16681056	CHR5:16681056	SSF x LoA	-8,27116224	0,069	0,313
CHR5	16681126	CHR5:16681126	SSF x LoA	-9,4450671	-0,011	0,308
CHR5	1668397	CHR5:1668397	SSF x LoA	-9,00896686	-0,041	0,320
CHR5	16689581	CHR5:16689581	SSF x LoA	-7,08175618	0,012	0,312
CHR5	16689597	CHR5:16689597	SSF x LoA	-8,24106488	0,022	0,305
CHR5	16692812	CHR5:16692812	SSF x LoA	-11,0051291	0,044	0,311
CHR5	16692930	CHR5:16692930	SSF x LoA	-9,26805567	0,112	0,304
CHR5	1669482	CHR5:1669482	SSF x LoA	-10,0845319	0,024	0,324
CHR5	1669485	CHR5:1669485	SSF x LoA	-10,4471848	0,001	0,293

CHR5	1669568	CHR5:1669568	SSF x LoA	-9,64070894	-0,062	0,303
CHR5	16699187	CHR5:16699187	SSF x LoA	-5,64173269	0,091	0,302
CHR5	16699193	CHR5:16699193	SSF x LoA	-8,03535273	-0,027	0,320
CHR5	16699199	CHR5:16699199	SSF x LoA	-8,72076742	0,039	0,318
CHR5	16699276	CHR5:16699276	SSF x LoA	-6,06191685	0,131	0,313
CHR5	16699319	CHR5:16699319	SSF x LoA	-9,92199715	0,119	0,294
CHR5	16707681	CHR5:16707681	SSF x LoA	-9,74796399	-0,049	0,296
CHR5	16707733	CHR5:16707733	SSF x LoA	-2,28158798	-0,214	0,294
CHR5	16707821	CHR5:16707821	SSF x LoA	-9,80452741	-0,060	0,301
CHR5	16707844	CHR5:16707844	SSF x LoA	-8,44532008	0,111	0,291
CHR5	16707862	CHR5:16707862	SSF x LoA	-8,1832522	0,069	0,304
CHR5	16707925	CHR5:16707925	SSF x LoA	-9,62422307	0,068	0,296
CHR5	16724800	CHR5:16724800	SSF x LoA	-9,68096316	-0,197	0,287
CHR5	16724832	CHR5:16724832	SSF x LoA	-7,21271698	0,157	0,301
CHR5	16724851	CHR5:16724851	SSF x LoA	2,79423051	-0,203	0,297
CHR5	16724852	CHR5:16724852	SSF x LoA	-5,00668105	-0,172	0,302
CHR5	16726079	CHR5:16726079	SSF x LoA	-9,70294823	0,082	0,324
CHR5	16726126	CHR5:16726126	SSF x LoA	-9,04552033	-0,163	0,304
CHR5	16726155	CHR5:16726155	SSF x LoA	-7,19904977	-0,136	0,309
CHR5	16726160	CHR5:16726160	SSF x LoA	-8,66125015	-0,145	0,298
CHR5	16726222	CHR5:16726222	SSF x LoA	-7,40837761	0,127	0,306
CHR5	16726251	CHR5:16726251	SSF x LoA	-9,3117072	0,128	0,305
CHR5	16726253	CHR5:16726253	SSF x LoA	-7,34780317	0,153	0,302
CHR5	16726254	CHR5:16726254	SSF x LoA	-9,41520349	0,124	0,308
CHR5	16726267	CHR5:16726267	SSF x LoA	-7,56301057	0,068	0,302
CHR5	16726272	CHR5:16726272	SSF x LoA	-2,40192459	0,091	0,307
CHR5	16726288	CHR5:16726288	SSF x LoA	-8,04411563	-0,106	0,305
CHR5	16729606	CHR5:16729606	SSF x LoA	-11,045403	0,098	0,294
CHR5	16730625	CHR5:16730625	SSF x LoA	-6,37861629	0,200	0,299
CHR5	16730681	CHR5:16730681	SSF x LoA	-5,98731739	0,189	0,297
CHR5	16730713	CHR5:16730713	SSF x LoA	-11,4132167	-0,128	0,295
CHR5	16743660	CHR5:16743660	SSF x LoA	-8,61810243	0,051	0,303
CHR5	16743676	CHR5:16743676	SSF x LoA	-9,28085757	0,042	0,297
CHR5	16743698	CHR5:16743698	SSF x LoA	-11,2859087	0,070	0,313
CHR5	16746855	CHR5:16746855	SSF x LoA	-11,2558135	-0,068	0,311
CHR5	16746877	CHR5:16746877	SSF x LoA	-8,05676923	0,098	0,305
CHR5	16755390	CHR5:16755390	SSF x LoA	-4,81927592	-0,157	0,301
CHR5	16755419	CHR5:16755419	SSF x LoA	-10,8710702	-0,102	0,297
CHR5	16755439	CHR5:16755439	SSF x LoA	-8,4155114	-0,068	0,309
CHR5	16755468	CHR5:16755468	SSF x LoA	-8,06731179	-0,104	0,300
CHR5	16757555	CHR5:16757555	SSF x LoA	-7,25635457	0,100	0,303
CHR5	16757571	CHR5:16757571	SSF x LoA	-8,17652268	-0,006	0,298
CHR5	16757717	CHR5:16757717	SSF x LoA	-9,62835162	-0,015	0,298
CHR5	16757748	CHR5:16757748	SSF x LoA	-7,65153632	-0,035	0,312
CHR5	16763688	CHR5:16763688	SSF x LoA	-4,02825674	0,121	0,303
CHR5	16767237	CHR5:16767237	SSF x LoA	-8,57827479	0,130	0,302
CHR5	16767817	CHR5:16767817	SSF x LoA	-10,0818668	0,088	0,313
CHR5	16767842	CHR5:16767842	SSF x LoA	-9,25358473	-0,152	0,308
CHR5	16767882	CHR5:16767882	SSF x LoA	-7,88118136	0,001	0,308
CHR5	16768823	CHR5:16768823	SSF x LoA	-8,21987736	0,066	0,310
CHR5	16768840	CHR5:16768840	SSF x LoA	-7,63663054	-0,010	0,301
CHR5	16770874	CHR5:16770874	SSF x LoA	-9,05237983	-0,069	0,303
CHR5	16770893	CHR5:16770893	SSF x LoA	-8,4789504	-0,081	0,308

CHR5	16770926	CHR5:16770926	SSF x LoA	-8,5777687	0,005	0,315
CHR5	16770995	CHR5:16770995	SSF x LoA	-8,05346136	-0,105	0,297
CHR5	16771039	CHR5:16771039	SSF x LoA	-8,87563331	0,034	0,313
CHR5	16771071	CHR5:16771071	SSF x LoA	-9,56314621	-0,006	0,306
CHR5	16771119	CHR5:16771119	SSF x LoA	-10,9448279	-0,057	0,305
CHR5	16771123	CHR5:16771123	SSF x LoA	-8,84007802	-0,044	0,290
CHR5	16771134	CHR5:16771134	SSF x LoA	-6,85714828	-0,046	0,301
CHR5	16771139	CHR5:16771139	SSF x LoA	-10,1444579	-0,072	0,305
CHR5	16780493	CHR5:16780493	SSF x LoA	2,81581253	-0,082	0,306
CHR5	16780654	CHR5:16780654	SSF x LoA	-1,39307373	-0,206	0,298
CHR5	16780697	CHR5:16780697	SSF x LoA	-6,92098868	-0,189	0,312
CHR5	16787865	CHR5:16787865	SSF x LoA	-10,3668574	0,062	0,307
CHR5	16787927	CHR5:16787927	SSF x LoA	-8,14114126	0,042	0,306
CHR5	16790515	CHR5:16790515	SSF x LoA	-8,70073428	0,112	0,316
CHR5	16790518	CHR5:16790518	SSF x LoA	-8,8207045	-0,040	0,306
CHR5	16790533	CHR5:16790533	SSF x LoA	-7,4622582	-0,069	0,307
CHR5	16790570	CHR5:16790570	SSF x LoA	-8,18795283	0,148	0,310
CHR5	16790592	CHR5:16790592	SSF x LoA	-9,10340766	-0,046	0,303
CHR5	16790593	CHR5:16790593	SSF x LoA	-10,8072731	-0,029	0,295
CHR5	16790609	CHR5:16790609	SSF x LoA	-8,88865013	-0,056	0,305
CHR5	16790620	CHR5:16790620	SSF x LoA	-5,61383868	-0,034	0,300
CHR5	16795080	CHR5:16795080	SSF x LoA	-8,14712266	-0,085	0,315
CHR5	16795084	CHR5:16795084	SSF x LoA	-7,78692251	0,148	0,298
CHR5	16795086	CHR5:16795086	SSF x LoA	-7,83880655	0,058	0,318
CHR5	16800103	CHR5:16800103	SSF x LoA	-9,85455432	0,041	0,295
CHR5	16800143	CHR5:16800143	SSF x LoA	-3,15950473	0,114	0,305
CHR5	16800144	CHR5:16800144	SSF x LoA	-9,67877544	0,047	0,284
CHR5	16800150	CHR5:16800150	SSF x LoA	-11,5336967	0,049	0,292
CHR5	16802958	CHR5:16802958	SSF x LoA	2,35480044	-0,190	0,299
CHR5	16806663	CHR5:16806663	SSF x LoA	-9,6298737	-0,080	0,308
CHR5	16806664	CHR5:16806664	SSF x LoA	-8,76994222	-0,095	0,319
CHR5	16806703	CHR5:16806703	SSF x LoA	2,5742896	-0,127	0,304
CHR5	1680918	CHR5:1680918	SSF x LoA	-10,3159282	0,144	0,308
CHR5	1680919	CHR5:1680919	SSF x LoA	-11,1469564	-0,033	0,299
CHR5	1680940	CHR5:1680940	SSF x LoA	-7,39041663	-0,036	0,302
CHR5	1680943	CHR5:1680943	SSF x LoA	-9,5248239	-0,025	0,302
CHR5	16810642	CHR5:16810642	SSF x LoA	-8,526577	-0,102	0,302
CHR5	16811853	CHR5:16811853	SSF x LoA	-11,524426	-0,067	0,307
CHR5	16811872	CHR5:16811872	SSF x LoA	-11,1714269	-0,113	0,304
CHR5	16811939	CHR5:16811939	SSF x LoA	-6,99112776	-0,196	0,295
CHR5	16826834	CHR5:16826834	SSF x LoA	-7,46931104	-0,072	0,300
CHR5	16826847	CHR5:16826847	SSF x LoA	-9,44358413	-0,019	0,311
CHR5	16826880	CHR5:16826880	SSF x LoA	-9,14264779	-0,024	0,302
CHR5	16826886	CHR5:16826886	SSF x LoA	-8,72569864	0,001	0,310
CHR5	16826888	CHR5:16826888	SSF x LoA	-9,43932579	-0,009	0,307
CHR5	16826942	CHR5:16826942	SSF x LoA	-8,94161449	-0,007	0,319
CHR5	16829022	CHR5:16829022	SSF x LoA	-10,363983	-0,032	0,300
CHR5	16829219	CHR5:16829219	SSF x LoA	4,91590244	0,236	0,295
CHR5	16829266	CHR5:16829266	SSF x LoA	-11,520885	-0,039	0,306
CHR5	16840068	CHR5:16840068	SSF x LoA	-11,0026466	0,038	0,299
CHR5	16840099	CHR5:16840099	SSF x LoA	-10,617297	0,037	0,294
CHR5	16853930	CHR5:16853930	SSF x LoA	-8,44916476	0,078	0,311
CHR5	16853931	CHR5:16853931	SSF x LoA	-10,3254131	-0,052	0,307

CHR5	16853949	CHR5:16853949	SSF x LoA	-6,61299335	-0,146	0,306
CHR5	16870196	CHR5:16870196	SSF x LoA	-8,00166602	-0,013	0,316
CHR5	16870211	CHR5:16870211	SSF x LoA	-3,95251079	0,084	0,314
CHR5	16876682	CHR5:16876682	SSF x LoA	-9,27995536	-0,022	0,310
CHR5	16876730	CHR5:16876730	SSF x LoA	-10,8082663	-0,019	0,301
CHR5	16876767	CHR5:16876767	SSF x LoA	-9,55918449	-0,054	0,319
CHR5	16876956	CHR5:16876956	SSF x LoA	-7,61626212	0,000	0,313
CHR5	16876968	CHR5:16876968	SSF x LoA	-10,9648928	-0,008	0,310
CHR5	16876984	CHR5:16876984	SSF x LoA	-8,77079615	-0,011	0,313
CHR5	16877030	CHR5:16877030	SSF x LoA	-7,71645274	0,032	0,304
CHR5	16883008	CHR5:16883008	SSF x LoA	-9,52853787	0,014	0,310
CHR5	16883034	CHR5:16883034	SSF x LoA	-8,88595919	-0,034	0,312
CHR5	16883085	CHR5:16883085	SSF x LoA	-7,41591803	-0,061	0,315
CHR5	16883102	CHR5:16883102	SSF x LoA	-8,75839868	0,031	0,310
CHR5	16883135	CHR5:16883135	SSF x LoA	-9,26744125	0,012	0,301
CHR5	16883138	CHR5:16883138	SSF x LoA	-7,57918261	-0,006	0,307
CHR5	16892900	CHR5:16892900	SSF x LoA	-8,85076616	-0,027	0,313
CHR5	16892965	CHR5:16892965	SSF x LoA	-10,1269394	0,045	0,301
CHR5	16893005	CHR5:16893005	SSF x LoA	-8,17378623	-0,017	0,319
CHR5	16906197	CHR5:16906197	SSF x LoA	-8,27418573	0,043	0,318
CHR5	16906232	CHR5:16906232	SSF x LoA	-7,64568933	-0,122	0,308
CHR5	16906319	CHR5:16906319	SSF x LoA	-11,5915438	0,074	0,298
CHR5	16906377	CHR5:16906377	SSF x LoA	-10,1574756	0,105	0,301
CHR5	16906439	CHR5:16906439	SSF x LoA	-8,65769012	0,070	0,319
CHR5	16911508	CHR5:16911508	SSF x LoA	-11,0269256	0,071	0,303
CHR5	16911510	CHR5:16911510	SSF x LoA	-9,97295537	-0,030	0,310
CHR5	16911576	CHR5:16911576	SSF x LoA	-9,82337633	0,037	0,312
CHR5	16911577	CHR5:16911577	SSF x LoA	-10,1175457	0,052	0,314
CHR5	16911587	CHR5:16911587	SSF x LoA	-9,45564917	-0,072	0,304
CHR5	16912312	CHR5:16912312	SSF x LoA	-9,88380143	-0,039	0,297
CHR5	16912317	CHR5:16912317	SSF x LoA	-9,46316068	-0,040	0,315
CHR5	16912327	CHR5:16912327	SSF x LoA	-10,4574481	-0,015	0,304
CHR5	16914403	CHR5:16914403	SSF x LoA	-10,8954243	-0,065	0,315
CHR5	16914436	CHR5:16914436	SSF x LoA	-9,89682543	-0,084	0,323
CHR5	16914458	CHR5:16914458	SSF x LoA	-9,34198503	0,010	0,294
CHR5	16914477	CHR5:16914477	SSF x LoA	-10,524695	0,031	0,320
CHR5	16914479	CHR5:16914479	SSF x LoA	-7,08481272	0,111	0,285
CHR5	16914483	CHR5:16914483	SSF x LoA	-9,01313831	0,113	0,291
CHR5	16914492	CHR5:16914492	SSF x LoA	-7,879735	0,104	0,298
CHR5	16914548	CHR5:16914548	SSF x LoA	-10,2891689	0,013	0,308
CHR5	16914579	CHR5:16914579	SSF x LoA	-8,82737377	0,032	0,313
CHR5	16914584	CHR5:16914584	SSF x LoA	-9,03801881	0,111	0,317
CHR5	16924191	CHR5:16924191	SSF x LoA	-9,59459875	0,055	0,309
CHR5	16924208	CHR5:16924208	SSF x LoA	-8,36929196	0,091	0,304
CHR5	16924263	CHR5:16924263	SSF x LoA	-8,0252815	-0,004	0,296
CHR5	16924315	CHR5:16924315	SSF x LoA	-8,1013811	0,046	0,305
CHR5	16924399	CHR5:16924399	SSF x LoA	-11,799981	-0,093	0,295
CHR5	16926949	CHR5:16926949	SSF x LoA	-8,18252876	-0,023	0,326
CHR5	16927026	CHR5:16927026	SSF x LoA	-9,1796843	0,028	0,310
CHR5	16927084	CHR5:16927084	SSF x LoA	-8,25592719	-0,122	0,306
CHR5	16927085	CHR5:16927085	SSF x LoA	-9,48498729	0,011	0,302
CHR5	16929337	CHR5:16929337	SSF x LoA	-7,87094737	0,043	0,311
CHR5	16929410	CHR5:16929410	SSF x LoA	-10,9492384	0,022	0,316

CHR5	16929495	CHR5:16929495	SSF x LoA	-6,31333041	0,133	0,303
CHR5	16948911	CHR5:16948911	SSF x LoA	-11,4860688	-0,032	0,300
CHR5	16949027	CHR5:16949027	SSF x LoA	-11,6086484	-0,076	0,313
CHR5	16956924	CHR5:16956924	SSF x LoA	-7,68248127	-0,032	0,296
CHR5	16956998	CHR5:16956998	SSF x LoA	-9,65787452	-0,106	0,304
CHR5	16957001	CHR5:16957001	SSF x LoA	-4,01673019	-0,326	0,273
CHR5	16963367	CHR5:16963367	SSF x LoA	-7,54256656	-0,063	0,317
CHR5	16963392	CHR5:16963392	SSF x LoA	-7,7245246	0,085	0,298
CHR5	16963422	CHR5:16963422	SSF x LoA	-7,24842179	0,026	0,314
CHR5	16963446	CHR5:16963446	SSF x LoA	-10,4310543	0,034	0,318
CHR5	16963462	CHR5:16963462	SSF x LoA	-8,7221705	0,029	0,318
CHR5	16966703	CHR5:16966703	SSF x LoA	-9,40751013	-0,036	0,302
CHR5	16973455	CHR5:16973455	SSF x LoA	-8,99558454	-0,101	0,301
CHR5	16973460	CHR5:16973460	SSF x LoA	-8,90019768	-0,155	0,299
CHR5	16973461	CHR5:16973461	SSF x LoA	-7,1778329	-0,211	0,290
CHR5	16973464	CHR5:16973464	SSF x LoA	-6,81231561	-0,206	0,294
CHR5	16973507	CHR5:16973507	SSF x LoA	-9,74577338	-0,073	0,316
CHR5	16973514	CHR5:16973514	SSF x LoA	-9,30156613	-0,106	0,308
CHR5	16973543	CHR5:16973543	SSF x LoA	-7,70432251	-0,013	0,311
CHR5	16973558	CHR5:16973558	SSF x LoA	-10,8072179	0,035	0,321
CHR5	16973577	CHR5:16973577	SSF x LoA	-11,7146384	-0,009	0,312
CHR5	16973581	CHR5:16973581	SSF x LoA	-11,4012045	-0,061	0,314
CHR5	16973582	CHR5:16973582	SSF x LoA	-11,0137212	-0,074	0,321
CHR5	16973587	CHR5:16973587	SSF x LoA	-8,31826261	-0,007	0,314
CHR5	16973688	CHR5:16973688	SSF x LoA	-5,85010954	-0,072	0,304
CHR5	16973693	CHR5:16973693	SSF x LoA	-7,27843743	0,073	0,309
CHR5	16973701	CHR5:16973701	SSF x LoA	-10,548937	-0,047	0,307
CHR5	16973706	CHR5:16973706	SSF x LoA	-10,6104913	-0,067	0,304
CHR5	16977985	CHR5:16977985	SSF x LoA	-9,6650664	-0,187	0,296
CHR5	16978039	CHR5:16978039	SSF x LoA	-9,3831072	0,028	0,316
CHR5	16982608	CHR5:16982608	SSF x LoA	-9,93183673	0,021	0,303
CHR5	16982620	CHR5:16982620	SSF x LoA	-8,91396037	0,000	0,316
CHR5	16989252	CHR5:16989252	SSF x LoA	-7,02924195	0,033	0,323
CHR5	16989271	CHR5:16989271	SSF x LoA	-8,97410018	0,007	0,306
CHR5	16989290	CHR5:16989290	SSF x LoA	-9,66328581	0,130	0,300
CHR5	1699092	CHR5:1699092	SSF x LoA	7,8183304	-0,234	0,297
CHR5	1699130	CHR5:1699130	SSF x LoA	-8,38985929	0,048	0,298
CHR5	16991393	CHR5:16991393	SSF x LoA	-3,94945058	0,142	0,310
CHR5	16991415	CHR5:16991415	SSF x LoA	-7,67388783	-0,142	0,293
CHR5	16991471	CHR5:16991471	SSF x LoA	-10,293796	-0,020	0,305
CHR5	1699172	CHR5:1699172	SSF x LoA	-10,021763	0,080	0,307
CHR5	16999196	CHR5:16999196	SSF x LoA	-9,08507115	0,063	0,298
CHR5	17013689	CHR5:17013689	SSF x LoA	-1,69260197	0,092	0,303
CHR5	17037879	CHR5:17037879	SSF x LoA	-3,75125238	0,171	0,290
CHR5	17037954	CHR5:17037954	SSF x LoA	-11,4763485	-0,074	0,303
CHR5	17040075	CHR5:17040075	SSF x LoA	-11,2619308	-0,033	0,312
CHR5	17040097	CHR5:17040097	SSF x LoA	-9,9158472	0,059	0,308
CHR5	17040338	CHR5:17040338	SSF x LoA	-7,35776292	-0,139	0,294
CHR5	17040341	CHR5:17040341	SSF x LoA	-8,49057013	-0,143	0,299
CHR5	17042514	CHR5:17042514	SSF x LoA	-8,75087288	0,090	0,311
CHR5	17042540	CHR5:17042540	SSF x LoA	-9,1783858	-0,001	0,312
CHR5	17042594	CHR5:17042594	SSF x LoA	-9,76537679	-0,067	0,304
CHR5	17052029	CHR5:17052029	SSF x LoA	-11,074176	-0,074	0,313

CHR5	17052046	CHR5:17052046	SSF x LoA	-8,90390238	-0,132	0,312
CHR5	17052054	CHR5:17052054	SSF x LoA	-10,2291951	-0,034	0,322
CHR5	17055868	CHR5:17055868	SSF x LoA	-8,58932504	0,131	0,304
CHR5	17055924	CHR5:17055924	SSF x LoA	-8,98156673	-0,034	0,308
CHR5	17059510	CHR5:17059510	SSF x LoA	-9,33740024	0,004	0,323
CHR5	17059515	CHR5:17059515	SSF x LoA	-5,6700929	-0,124	0,304
CHR5	17059532	CHR5:17059532	SSF x LoA	-11,241825	-0,085	0,308
CHR5	17059533	CHR5:17059533	SSF x LoA	-11,910133	-0,029	0,313
CHR5	17059538	CHR5:17059538	SSF x LoA	-7,3249393	-0,118	0,319
CHR5	17059544	CHR5:17059544	SSF x LoA	-5,24251952	-0,143	0,308
CHR5	17070681	CHR5:17070681	SSF x LoA	-9,60675599	-0,058	0,304
CHR5	17070684	CHR5:17070684	SSF x LoA	-10,5203593	-0,063	0,303
CHR5	17070695	CHR5:17070695	SSF x LoA	-9,83603474	-0,074	0,317
CHR5	17070696	CHR5:17070696	SSF x LoA	-10,1819874	-0,048	0,313
CHR5	17070700	CHR5:17070700	SSF x LoA	-9,58607493	-0,052	0,311
CHR5	17070707	CHR5:17070707	SSF x LoA	-10,6879373	-0,072	0,316
CHR5	17070720	CHR5:17070720	SSF x LoA	-6,5946965	-0,053	0,321
CHR5	17070735	CHR5:17070735	SSF x LoA	-9,71414506	-0,037	0,300
CHR5	17070742	CHR5:17070742	SSF x LoA	-8,55760533	-0,083	0,313
CHR5	17070747	CHR5:17070747	SSF x LoA	-10,0771283	-0,017	0,309
CHR5	17070752	CHR5:17070752	SSF x LoA	-9,26197111	-0,038	0,312
CHR5	17080010	CHR5:17080010	SSF x LoA	-8,54071927	-0,062	0,318
CHR5	17091319	CHR5:17091319	SSF x LoA	-8,47725138	0,035	0,322
CHR5	17103462	CHR5:17103462	SSF x LoA	-6,56427219	0,136	0,312
CHR5	17103473	CHR5:17103473	SSF x LoA	-6,96766681	0,182	0,286
CHR5	17103484	CHR5:17103484	SSF x LoA	-10,8672659	-0,098	0,313
CHR5	1710397	CHR5:1710397	SSF x LoA	-7,62130437	-0,133	0,294
CHR5	1710415	CHR5:1710415	SSF x LoA	-9,3340952	0,093	0,308
CHR5	1710460	CHR5:1710460	SSF x LoA	-8,05658213	0,038	0,312
CHR5	1710473	CHR5:1710473	SSF x LoA	-8,66140182	-0,072	0,317
CHR5	17106951	CHR5:17106951	SSF x LoA	-10,0832873	-0,023	0,314
CHR5	17106979	CHR5:17106979	SSF x LoA	-10,5637798	0,015	0,310
CHR5	17107008	CHR5:17107008	SSF x LoA	-11,3556475	-0,001	0,300
CHR5	17107037	CHR5:17107037	SSF x LoA	-7,55794204	0,065	0,299
CHR5	17107049	CHR5:17107049	SSF x LoA	-10,3390106	0,041	0,297
CHR5	17108678	CHR5:17108678	SSF x LoA	-8,03850714	-0,068	0,321
CHR5	17108921	CHR5:17108921	SSF x LoA	-9,4821435	-0,138	0,305
CHR5	17108987	CHR5:17108987	SSF x LoA	-8,87176127	-0,028	0,309
CHR5	17113465	CHR5:17113465	SSF x LoA	-10,0103063	0,041	0,323
CHR5	17117320	CHR5:17117320	SSF x LoA	-8,12483587	-0,035	0,320
CHR5	17117455	CHR5:17117455	SSF x LoA	-9,14112063	-0,117	0,302
CHR5	17120633	CHR5:17120633	SSF x LoA	-7,25161938	-0,006	0,285
CHR5	17124300	CHR5:17124300	SSF x LoA	-11,80236	-0,044	0,299
CHR5	17131339	CHR5:17131339	SSF x LoA	-8,04175592	-0,001	0,315
CHR5	17134770	CHR5:17134770	SSF x LoA	-8,56913145	0,026	0,302
CHR5	17134778	CHR5:17134778	SSF x LoA	-10,8899452	0,067	0,305
CHR5	17134779	CHR5:17134779	SSF x LoA	-10,7559613	0,002	0,302
CHR5	17134791	CHR5:17134791	SSF x LoA	-10,150355	0,072	0,308
CHR5	17134820	CHR5:17134820	SSF x LoA	-6,23796032	0,075	0,314
CHR5	17134835	CHR5:17134835	SSF x LoA	-8,31937702	-0,138	0,305
CHR5	17154324	CHR5:17154324	SSF x LoA	-9,40793711	0,125	0,304
CHR5	17154363	CHR5:17154363	SSF x LoA	-1,12377362	0,081	0,302
CHR5	17154376	CHR5:17154376	SSF x LoA	-10,5131854	-0,030	0,302

CHR5	17154377	CHR5:17154377	SSF x LoA	-9,92968274	0,043	0,307
CHR5	17154384	CHR5:17154384	SSF x LoA	-9,88985742	0,117	0,305
CHR5	17154385	CHR5:17154385	SSF x LoA	-3,69149858	-0,096	0,303
CHR5	17154455	CHR5:17154455	SSF x LoA	-9,0420847	0,044	0,305
CHR5	17154486	CHR5:17154486	SSF x LoA	-9,25908703	0,028	0,319
CHR5	17154498	CHR5:17154498	SSF x LoA	-7,52987303	-0,142	0,299
CHR5	17154529	CHR5:17154529	SSF x LoA	-3,70805387	-0,216	0,285
CHR5	17154545	CHR5:17154545	SSF x LoA	-9,86361046	0,055	0,311
CHR5	17154547	CHR5:17154547	SSF x LoA	-9,22824933	-0,133	0,308
CHR5	17154558	CHR5:17154558	SSF x LoA	-10,7128718	0,092	0,305
CHR5	17154563	CHR5:17154563	SSF x LoA	-9,52972219	0,088	0,295
CHR5	17154570	CHR5:17154570	SSF x LoA	-2,43531721	-0,170	0,312
CHR5	1715788	CHR5:1715788	SSF x LoA	-6,23564651	-0,063	0,292
CHR5	1715838	CHR5:1715838	SSF x LoA	-11,3096546	-0,005	0,302
CHR5	1715859	CHR5:1715859	SSF x LoA	-7,70401863	-0,072	0,309
CHR5	1715939	CHR5:1715939	SSF x LoA	-12,2009067	0,038	0,296
CHR5	1715954	CHR5:1715954	SSF x LoA	-5,16665375	0,133	0,313
CHR5	1715963	CHR5:1715963	SSF x LoA	-3,14641764	0,163	0,310
CHR5	1715966	CHR5:1715966	SSF x LoA	-8,49393253	0,009	0,309
CHR5	1715990	CHR5:1715990	SSF x LoA	-10,7081918	-0,042	0,316
CHR5	1716015	CHR5:1716015	SSF x LoA	-10,0412297	-0,088	0,304
CHR5	17160772	CHR5:17160772	SSF x LoA	-10,0383021	-0,062	0,307
CHR5	17160777	CHR5:17160777	SSF x LoA	-7,16680195	0,208	0,294
CHR5	17160818	CHR5:17160818	SSF x LoA	-11,444734	0,033	0,308
CHR5	17163628	CHR5:17163628	SSF x LoA	-8,92264747	-0,020	0,311
CHR5	17163632	CHR5:17163632	SSF x LoA	-6,50397447	0,050	0,304
CHR5	17163705	CHR5:17163705	SSF x LoA	-11,6607669	-0,004	0,310
CHR5	17163719	CHR5:17163719	SSF x LoA	-8,73539316	0,046	0,305
CHR5	17163730	CHR5:17163730	SSF x LoA	-8,52081258	-0,015	0,312
CHR5	17163769	CHR5:17163769	SSF x LoA	-9,58675399	0,075	0,297
CHR5	17170667	CHR5:17170667	SSF x LoA	-11,3679603	-0,053	0,308
CHR5	17171796	CHR5:17171796	SSF x LoA	-8,62599868	-0,120	0,308
CHR5	17171809	CHR5:17171809	SSF x LoA	-8,38517474	0,085	0,293
CHR5	17171815	CHR5:17171815	SSF x LoA	-9,91285824	0,080	0,297
CHR5	17171863	CHR5:17171863	SSF x LoA	-6,04318871	0,063	0,318
CHR5	17185757	CHR5:17185757	SSF x LoA	-10,3139251	-0,062	0,313
CHR5	17185897	CHR5:17185897	SSF x LoA	-8,93229556	0,009	0,314
CHR5	17185930	CHR5:17185930	SSF x LoA	-7,74283004	0,117	0,304
CHR5	17185931	CHR5:17185931	SSF x LoA	-5,77742964	-0,200	0,310
CHR5	17185937	CHR5:17185937	SSF x LoA	-6,0119104	-0,181	0,311
CHR5	17185967	CHR5:17185967	SSF x LoA	-9,41504425	-0,009	0,315
CHR5	17189577	CHR5:17189577	SSF x LoA	-8,73813581	-0,049	0,308
CHR5	17189596	CHR5:17189596	SSF x LoA	-11,3422309	-0,010	0,296
CHR5	17189691	CHR5:17189691	SSF x LoA	-8,11618052	-0,103	0,300
CHR5	17189694	CHR5:17189694	SSF x LoA	-8,20498586	-0,124	0,297
CHR5	17189718	CHR5:17189718	SSF x LoA	-6,93618289	0,108	0,312
CHR5	17189785	CHR5:17189785	SSF x LoA	-8,43156335	-0,006	0,286
CHR5	17189787	CHR5:17189787	SSF x LoA	-8,95231984	-0,046	0,301
CHR5	17200965	CHR5:17200965	SSF x LoA	-7,83401447	-0,013	0,309
CHR5	17201030	CHR5:17201030	SSF x LoA	-9,78828062	-0,034	0,297
CHR5	17207072	CHR5:17207072	SSF x LoA	-11,1095078	0,143	0,298
CHR5	17209599	CHR5:17209599	SSF x LoA	-9,73704682	-0,114	0,307
CHR5	17209623	CHR5:17209623	SSF x LoA	-8,35596732	-0,105	0,301

CHR5	17209705	CHR5:17209705	SSF x LoA	0,78289373	-0,015	0,292
CHR5	17209707	CHR5:17209707	SSF x LoA	-10,1290845	-0,066	0,288
CHR5	17218297	CHR5:17218297	SSF x LoA	-9,46994214	0,148	0,292
CHR5	17218299	CHR5:17218299	SSF x LoA	-9,73036491	0,017	0,316
CHR5	17219143	CHR5:17219143	SSF x LoA	-9,01109155	0,023	0,312
CHR5	17219158	CHR5:17219158	SSF x LoA	-6,48017861	0,144	0,303
CHR5	17219184	CHR5:17219184	SSF x LoA	-9,10651113	0,162	0,297
CHR5	17219190	CHR5:17219190	SSF x LoA	-9,07542137	0,136	0,304
CHR5	17219237	CHR5:17219237	SSF x LoA	-9,14238393	0,145	0,316
CHR5	17219375	CHR5:17219375	SSF x LoA	-9,01686395	-0,084	0,310
CHR5	17225358	CHR5:17225358	SSF x LoA	-10,6106027	0,130	0,305
CHR5	17225591	CHR5:17225591	SSF x LoA	-10,5693437	0,066	0,309
CHR5	17226062	CHR5:17226062	SSF x LoA	-9,2452482	0,052	0,313
CHR5	17226162	CHR5:17226162	SSF x LoA	-1,06375838	0,001	0,292
CHR5	17226221	CHR5:17226221	SSF x LoA	-8,62272998	0,006	0,309
CHR5	17241218	CHR5:17241218	SSF x LoA	-7,98731182	0,096	0,309
CHR5	17241220	CHR5:17241220	SSF x LoA	-8,76272816	0,037	0,313
CHR5	17241232	CHR5:17241232	SSF x LoA	-7,98351396	-0,067	0,314
CHR5	17241241	CHR5:17241241	SSF x LoA	-0,53913739	0,079	0,297
CHR5	17241242	CHR5:17241242	SSF x LoA	-9,21603756	0,065	0,317
CHR5	17241344	CHR5:17241344	SSF x LoA	-10,3878224	-0,033	0,310
CHR5	17244428	CHR5:17244428	SSF x LoA	-10,0535073	-0,085	0,299
CHR5	17244469	CHR5:17244469	SSF x LoA	-11,3545584	-0,038	0,297
CHR5	17244479	CHR5:17244479	SSF x LoA	-8,58116071	-0,144	0,309
CHR5	17244496	CHR5:17244496	SSF x LoA	-7,54700457	0,155	0,303
CHR5	17244538	CHR5:17244538	SSF x LoA	-7,43222687	-0,014	0,298
CHR5	17253160	CHR5:17253160	SSF x LoA	-1,4780322	-0,138	0,293
CHR5	17253400	CHR5:17253400	SSF x LoA	-11,1500335	0,004	0,319
CHR5	17255139	CHR5:17255139	SSF x LoA	-10,9680005	-0,092	0,314
CHR5	17256179	CHR5:17256179	SSF x LoA	-8,77711632	-0,068	0,315
CHR5	17256239	CHR5:17256239	SSF x LoA	-8,73487075	0,129	0,308
CHR5	1725828	CHR5:1725828	SSF x LoA	-7,78692285	-0,068	0,304
CHR5	1725854	CHR5:1725854	SSF x LoA	-10,5319036	-0,010	0,311
CHR5	17258964	CHR5:17258964	SSF x LoA	-7,68118992	0,069	0,320
CHR5	17258990	CHR5:17258990	SSF x LoA	-9,67408512	-0,064	0,313
CHR5	17259172	CHR5:17259172	SSF x LoA	-10,3450542	-0,030	0,307
CHR5	17268331	CHR5:17268331	SSF x LoA	-10,1080239	-0,026	0,314
CHR5	17268423	CHR5:17268423	SSF x LoA	-11,4748296	0,014	0,315
CHR5	17285403	CHR5:17285403	SSF x LoA	-9,57908463	0,001	0,301
CHR5	17285404	CHR5:17285404	SSF x LoA	-8,32716525	0,000	0,324
CHR5	17285435	CHR5:17285435	SSF x LoA	-10,1724021	0,035	0,298
CHR5	17285494	CHR5:17285494	SSF x LoA	-12,1694467	0,007	0,297
CHR5	17285495	CHR5:17285495	SSF x LoA	-8,26869449	0,054	0,294
CHR5	17285497	CHR5:17285497	SSF x LoA	-8,85043207	0,028	0,300
CHR5	17285507	CHR5:17285507	SSF x LoA	-11,0158987	0,106	0,299
CHR5	17285521	CHR5:17285521	SSF x LoA	-11,155138	0,052	0,315
CHR5	17287383	CHR5:17287383	SSF x LoA	-11,4726197	0,058	0,310
CHR5	17287441	CHR5:17287441	SSF x LoA	-8,65140095	0,035	0,308
CHR5	17288470	CHR5:17288470	SSF x LoA	-11,113809	-0,028	0,304
CHR5	17297610	CHR5:17297610	SSF x LoA	-3,6193051	0,054	0,314
CHR5	17297686	CHR5:17297686	SSF x LoA	-9,88529451	0,028	0,302
CHR5	17300776	CHR5:17300776	SSF x LoA	-9,48089269	-0,062	0,314
CHR5	17300864	CHR5:17300864	SSF x LoA	-9,8709259	0,010	0,311

CHR5	17305784	CHR5:17305784	SSF x LoA	-10,6208878	-0,100	0,309
CHR5	17305865	CHR5:17305865	SSF x LoA	-8,80873592	0,062	0,312
CHR5	1731422	CHR5:1731422	SSF x LoA	-9,94929827	0,035	0,290
CHR5	1731435	CHR5:1731435	SSF x LoA	-8,0322347	-0,018	0,317
CHR5	1731444	CHR5:1731444	SSF x LoA	-10,4959497	-0,035	0,291
CHR5	1731456	CHR5:1731456	SSF x LoA	-10,1780618	0,037	0,307
CHR5	1731488	CHR5:1731488	SSF x LoA	-9,21368028	-0,024	0,320
CHR5	1731490	CHR5:1731490	SSF x LoA	9,23451795	-0,198	0,293
CHR5	1731491	CHR5:1731491	SSF x LoA	-9,75914835	-0,040	0,303
CHR5	1731525	CHR5:1731525	SSF x LoA	-6,43342107	-0,007	0,313
CHR5	1731528	CHR5:1731528	SSF x LoA	-9,46431988	-0,020	0,304
CHR5	1731552	CHR5:1731552	SSF x LoA	-9,83680156	-0,087	0,305
CHR5	1731661	CHR5:1731661	SSF x LoA	-11,2155653	-0,055	0,299
CHR5	1731698	CHR5:1731698	SSF x LoA	-1,92472377	0,172	0,307
CHR5	1731719	CHR5:1731719	SSF x LoA	-11,4850097	0,047	0,299
CHR5	17336010	CHR5:17336010	SSF x LoA	-7,47056045	-0,126	0,300
CHR5	17336047	CHR5:17336047	SSF x LoA	-9,4845828	-0,017	0,314
CHR5	17337465	CHR5:17337465	SSF x LoA	-9,49884437	-0,007	0,310
CHR5	17337528	CHR5:17337528	SSF x LoA	-9,20056141	0,021	0,308
CHR5	17337594	CHR5:17337594	SSF x LoA	-6,36084772	0,069	0,309
CHR5	17337651	CHR5:17337651	SSF x LoA	-9,42576824	0,072	0,319
CHR5	17337704	CHR5:17337704	SSF x LoA	-9,68689779	0,028	0,318
CHR5	17346530	CHR5:17346530	SSF x LoA	-11,6412077	-0,009	0,316
CHR5	17346537	CHR5:17346537	SSF x LoA	-10,385136	0,024	0,314
CHR5	17346550	CHR5:17346550	SSF x LoA	-5,48173346	0,172	0,309
CHR5	17346580	CHR5:17346580	SSF x LoA	-10,3519107	-0,078	0,307
CHR5	17349493	CHR5:17349493	SSF x LoA	-11,5145403	0,017	0,300
CHR5	17349510	CHR5:17349510	SSF x LoA	-7,25664784	-0,103	0,308
CHR5	17349553	CHR5:17349553	SSF x LoA	-9,24052787	0,087	0,295
CHR5	17349568	CHR5:17349568	SSF x LoA	-6,77241274	0,044	0,315
CHR5	17349602	CHR5:17349602	SSF x LoA	-8,93959768	0,001	0,298
CHR5	17349615	CHR5:17349615	SSF x LoA	-7,20964913	0,141	0,310
CHR5	17349637	CHR5:17349637	SSF x LoA	-8,89090743	-0,054	0,305
CHR5	17349648	CHR5:17349648	SSF x LoA	-7,78817797	-0,030	0,296
CHR5	17349664	CHR5:17349664	SSF x LoA	-11,1774453	0,040	0,305
CHR5	17349693	CHR5:17349693	SSF x LoA	-8,43394333	0,063	0,311
CHR5	1734983	CHR5:1734983	SSF x LoA	-9,12369192	-0,026	0,310
CHR5	1735028	CHR5:1735028	SSF x LoA	-11,3868618	0,002	0,305
CHR5	1736609	CHR5:1736609	SSF x LoA	-8,29993488	-0,062	0,306
CHR5	17366170	CHR5:17366170	SSF x LoA	-9,21550142	-0,128	0,297
CHR5	1736619	CHR5:1736619	SSF x LoA	-6,90743658	-0,124	0,301
CHR5	17366344	CHR5:17366344	SSF x LoA	-2,85531516	-0,251	0,279
CHR5	1736659	CHR5:1736659	SSF x LoA	-6,66671656	0,114	0,318
CHR5	1736709	CHR5:1736709	SSF x LoA	-5,82330384	0,125	0,311
CHR5	1736763	CHR5:1736763	SSF x LoA	-11,4628599	0,051	0,308
CHR5	17367857	CHR5:17367857	SSF x LoA	-6,12460013	0,113	0,296
CHR5	17367875	CHR5:17367875	SSF x LoA	-10,2717482	-0,049	0,296
CHR5	17367888	CHR5:17367888	SSF x LoA	-9,35948547	0,037	0,317
CHR5	17367937	CHR5:17367937	SSF x LoA	-8,55631735	0,072	0,305
CHR5	17368004	CHR5:17368004	SSF x LoA	-9,04647646	0,008	0,317
CHR5	17373468	CHR5:17373468	SSF x LoA	-10,2831002	-0,020	0,311
CHR5	17373488	CHR5:17373488	SSF x LoA	-10,2558581	-0,048	0,303
CHR5	17373543	CHR5:17373543	SSF x LoA	-9,27611038	-0,098	0,327

CHR5	17373545	CHR5:17373545	SSF x LoA	-7,17508681	-0,132	0,312
CHR5	17374941	CHR5:17374941	SSF x LoA	-10,1536202	-0,031	0,304
CHR5	17374999	CHR5:17374999	SSF x LoA	-9,20224105	0,014	0,310
CHR5	17375766	CHR5:17375766	SSF x LoA	-7,50410894	0,095	0,304
CHR5	17375839	CHR5:17375839	SSF x LoA	0,73050268	-0,131	0,303
CHR5	17375849	CHR5:17375849	SSF x LoA	-10,6668716	0,113	0,299
CHR5	17375861	CHR5:17375861	SSF x LoA	-8,40886599	0,091	0,309
CHR5	17385393	CHR5:17385393	SSF x LoA	-7,51659081	-0,007	0,308
CHR5	17385464	CHR5:17385464	SSF x LoA	-9,38474427	-0,022	0,308
CHR5	17385491	CHR5:17385491	SSF x LoA	-10,7895328	-0,066	0,306
CHR5	17387274	CHR5:17387274	SSF x LoA	-5,08729831	0,118	0,302
CHR5	17394258	CHR5:17394258	SSF x LoA	-8,92393731	-0,002	0,306
CHR5	17394282	CHR5:17394282	SSF x LoA	-9,40931064	-0,066	0,299
CHR5	17394351	CHR5:17394351	SSF x LoA	-8,95599172	-0,017	0,315
CHR5	17394370	CHR5:17394370	SSF x LoA	-4,33464429	0,076	0,311
CHR5	17394375	CHR5:17394375	SSF x LoA	-11,2017828	0,083	0,308
CHR5	17394381	CHR5:17394381	SSF x LoA	-11,1601151	0,073	0,307
CHR5	17394392	CHR5:17394392	SSF x LoA	-11,3591206	0,069	0,316
CHR5	17394396	CHR5:17394396	SSF x LoA	-6,76972739	0,185	0,302
CHR5	17397552	CHR5:17397552	SSF x LoA	-11,7413208	-0,031	0,297
CHR5	17397579	CHR5:17397579	SSF x LoA	-3,43177076	-0,142	0,311
CHR5	17398258	CHR5:17398258	SSF x LoA	-9,84546526	-0,131	0,304
CHR5	17398351	CHR5:17398351	SSF x LoA	-10,6603615	-0,002	0,307
CHR5	1740864	CHR5:1740864	SSF x LoA	-8,53412415	0,058	0,336
CHR5	1740934	CHR5:1740934	SSF x LoA	-11,0765777	-0,041	0,310
CHR5	1740935	CHR5:1740935	SSF x LoA	-9,82758454	-0,114	0,290
CHR5	1740953	CHR5:1740953	SSF x LoA	-10,1652535	-0,071	0,289
CHR5	1740992	CHR5:1740992	SSF x LoA	7,80769743	0,095	0,314
CHR5	1741001	CHR5:1741001	SSF x LoA	-8,34776546	0,094	0,328
CHR5	1741100	CHR5:1741100	SSF x LoA	-8,02982064	-0,033	0,302
CHR5	1741104	CHR5:1741104	SSF x LoA	-11,259914	-0,034	0,300
CHR5	1741112	CHR5:1741112	SSF x LoA	-9,40386065	-0,055	0,308
CHR5	1741120	CHR5:1741120	SSF x LoA	-10,5288382	0,074	0,300
CHR5	17412463	CHR5:17412463	SSF x LoA	-4,03454496	-0,133	0,296
CHR5	17412476	CHR5:17412476	SSF x LoA	-9,21620201	-0,056	0,289
CHR5	17412511	CHR5:17412511	SSF x LoA	-7,69529265	-0,157	0,300
CHR5	17412532	CHR5:17412532	SSF x LoA	-6,93986192	-0,136	0,308
CHR5	17412534	CHR5:17412534	SSF x LoA	-6,87922445	-0,160	0,303
CHR5	17412538	CHR5:17412538	SSF x LoA	-11,8667101	-0,072	0,302
CHR5	17412539	CHR5:17412539	SSF x LoA	-8,12372348	0,090	0,297
CHR5	17412559	CHR5:17412559	SSF x LoA	-10,4446793	-0,022	0,321
CHR5	17421391	CHR5:17421391	SSF x LoA	-11,6282739	-0,067	0,291
CHR5	17425780	CHR5:17425780	SSF x LoA	-11,0422082	-0,018	0,310
CHR5	17435138	CHR5:17435138	SSF x LoA	-8,21721792	0,029	0,321
CHR5	17435195	CHR5:17435195	SSF x LoA	-10,1326814	0,062	0,298
CHR5	17435294	CHR5:17435294	SSF x LoA	-9,49524814	-0,084	0,315
CHR5	17440479	CHR5:17440479	SSF x LoA	-9,81183375	-0,016	0,310
CHR5	17440667	CHR5:17440667	SSF x LoA	-10,382528	0,043	0,307
CHR5	17454573	CHR5:17454573	SSF x LoA	-7,82557783	-0,020	0,290
CHR5	17467738	CHR5:17467738	SSF x LoA	-5,70228683	-0,061	0,306
CHR5	17467761	CHR5:17467761	SSF x LoA	-9,66769283	-0,012	0,321
CHR5	17478628	CHR5:17478628	SSF x LoA	-11,7686807	0,000	0,300
CHR5	17490597	CHR5:17490597	SSF x LoA	-6,39986223	0,140	0,314

CHR5	17490761	CHR5:17490761	SSF x LoA	-6,8527216	-0,163	0,283
CHR5	17492972	CHR5:17492972	SSF x LoA	-5,99320784	0,105	0,314
CHR5	17493042	CHR5:17493042	SSF x LoA	-6,96750961	0,147	0,287
CHR5	17498787	CHR5:17498787	SSF x LoA	-8,05819847	-0,118	0,308
CHR5	17498838	CHR5:17498838	SSF x LoA	-8,83872125	0,000	0,309
CHR5	17504787	CHR5:17504787	SSF x LoA	-7,25533679	0,080	0,302
CHR5	17505050	CHR5:17505050	SSF x LoA	-11,1692221	-0,033	0,309
CHR5	17514407	CHR5:17514407	SSF x LoA	-9,22914441	0,010	0,294
CHR5	17514492	CHR5:17514492	SSF x LoA	-9,66170193	0,021	0,322
CHR5	17514516	CHR5:17514516	SSF x LoA	-8,81779607	-0,014	0,305
CHR5	17524825	CHR5:17524825	SSF x LoA	-9,64486233	0,052	0,318
CHR5	17524828	CHR5:17524828	SSF x LoA	-11,2141503	-0,046	0,302
CHR5	17524870	CHR5:17524870	SSF x LoA	-10,5790545	0,022	0,301
CHR5	17524895	CHR5:17524895	SSF x LoA	-10,1025239	0,037	0,313
CHR5	17524929	CHR5:17524929	SSF x LoA	-8,96207826	-0,004	0,308
CHR5	17524965	CHR5:17524965	SSF x LoA	-10,0250063	-0,034	0,301
CHR5	17528341	CHR5:17528341	SSF x LoA	-7,66850386	-0,118	0,299
CHR5	17528342	CHR5:17528342	SSF x LoA	-8,11736689	-0,117	0,297
CHR5	17528347	CHR5:17528347	SSF x LoA	-8,51614996	-0,078	0,304
CHR5	17528412	CHR5:17528412	SSF x LoA	-7,33320947	-0,156	0,306
CHR5	17528419	CHR5:17528419	SSF x LoA	-10,6309464	-0,049	0,316
CHR5	17529134	CHR5:17529134	SSF x LoA	-6,96307939	0,093	0,306
CHR5	17542933	CHR5:17542933	SSF x LoA	-9,57360924	0,012	0,291
CHR5	17543001	CHR5:17543001	SSF x LoA	-9,37620193	-0,030	0,303
CHR5	17543035	CHR5:17543035	SSF x LoA	-8,25327933	-0,063	0,309
CHR5	17543042	CHR5:17543042	SSF x LoA	-8,74329891	0,144	0,306
CHR5	17543045	CHR5:17543045	SSF x LoA	-10,7013634	0,039	0,297
CHR5	17543180	CHR5:17543180	SSF x LoA	-9,69442223	-0,038	0,315
CHR5	17554748	CHR5:17554748	SSF x LoA	-12,1452567	-0,028	0,293
CHR5	17554878	CHR5:17554878	SSF x LoA	-8,94835491	-0,003	0,320
CHR5	17554925	CHR5:17554925	SSF x LoA	-8,20519381	-0,040	0,316
CHR5	17554929	CHR5:17554929	SSF x LoA	-7,18255284	0,091	0,286
CHR5	17561516	CHR5:17561516	SSF x LoA	-7,8126225	-0,060	0,308
CHR5	17561518	CHR5:17561518	SSF x LoA	-7,97093126	0,060	0,321
CHR5	17561546	CHR5:17561546	SSF x LoA	-9,58899657	0,105	0,311
CHR5	17561599	CHR5:17561599	SSF x LoA	-8,1338015	0,098	0,308
CHR5	17561676	CHR5:17561676	SSF x LoA	-10,4158247	-0,009	0,302
CHR5	17564269	CHR5:17564269	SSF x LoA	-10,1344925	-0,007	0,316
CHR5	17564397	CHR5:17564397	SSF x LoA	-9,68279012	0,032	0,309
CHR5	17564433	CHR5:17564433	SSF x LoA	-9,62969907	0,008	0,315
CHR5	1756749	CHR5:1756749	SSF x LoA	-8,19173003	0,014	0,305
CHR5	1756785	CHR5:1756785	SSF x LoA	-7,86963048	0,138	0,298
CHR5	1756786	CHR5:1756786	SSF x LoA	-9,09213697	0,011	0,313
CHR5	1756840	CHR5:1756840	SSF x LoA	-9,22993173	0,054	0,308
CHR5	1756893	CHR5:1756893	SSF x LoA	1,84824786	0,181	0,295
CHR5	17569033	CHR5:17569033	SSF x LoA	-11,1485949	-0,012	0,307
CHR5	17569062	CHR5:17569062	SSF x LoA	-10,3457203	-0,053	0,305
CHR5	17569092	CHR5:17569092	SSF x LoA	-7,39872754	0,072	0,293
CHR5	17569099	CHR5:17569099	SSF x LoA	-9,14932579	0,135	0,294
CHR5	17569118	CHR5:17569118	SSF x LoA	-10,2601683	-0,066	0,317
CHR5	17569131	CHR5:17569131	SSF x LoA	-8,46009375	-0,044	0,307
CHR5	17569148	CHR5:17569148	SSF x LoA	-8,62651502	-0,066	0,310
CHR5	17569151	CHR5:17569151	SSF x LoA	-11,6714052	-0,030	0,305

CHR5	17578663	CHR5:17578663	SSF x LoA	-10,612314	-0,015	0,307
CHR5	17578690	CHR5:17578690	SSF x LoA	-5,37044572	-0,166	0,298
CHR5	17578692	CHR5:17578692	SSF x LoA	-3,65100667	-0,189	0,312
CHR5	17586206	CHR5:17586206	SSF x LoA	-5,21655732	-0,097	0,305
CHR5	17586243	CHR5:17586243	SSF x LoA	-9,13808114	0,054	0,295
CHR5	17586268	CHR5:17586268	SSF x LoA	-8,73727171	0,057	0,302
CHR5	17586270	CHR5:17586270	SSF x LoA	-8,15166515	0,079	0,308
CHR5	17586284	CHR5:17586284	SSF x LoA	-9,31524909	0,030	0,305
CHR5	17586408	CHR5:17586408	SSF x LoA	-8,58822228	0,139	0,310
CHR5	1759106	CHR5:1759106	SSF x LoA	-6,02124032	-0,179	0,296
CHR5	1759127	CHR5:1759127	SSF x LoA	-6,76909464	-0,083	0,320
CHR5	17592600	CHR5:17592600	SSF x LoA	-9,58639805	0,030	0,316
CHR5	17594978	CHR5:17594978	SSF x LoA	-10,5237377	0,028	0,315
CHR5	17594999	CHR5:17594999	SSF x LoA	-9,00457614	-0,053	0,313
CHR5	17595636	CHR5:17595636	SSF x LoA	-11,024879	0,053	0,309
CHR5	17595654	CHR5:17595654	SSF x LoA	-10,0764446	-0,030	0,320
CHR5	17595732	CHR5:17595732	SSF x LoA	-8,38819812	-0,060	0,309
CHR5	17595737	CHR5:17595737	SSF x LoA	-11,2087318	0,042	0,314
CHR5	17595777	CHR5:17595777	SSF x LoA	-8,04528074	-0,109	0,309
CHR5	17603111	CHR5:17603111	SSF x LoA	-10,9116732	0,069	0,309
CHR5	17603170	CHR5:17603170	SSF x LoA	-7,70332974	-0,034	0,311
CHR5	17603289	CHR5:17603289	SSF x LoA	-10,9547338	0,027	0,298
CHR5	17603348	CHR5:17603348	SSF x LoA	-9,64381799	-0,067	0,301
CHR5	17603402	CHR5:17603402	SSF x LoA	-8,7880345	0,029	0,296
CHR5	17603403	CHR5:17603403	SSF x LoA	-9,52639422	0,060	0,301
CHR5	17605221	CHR5:17605221	SSF x LoA	-7,51751322	-0,006	0,301
CHR5	17622029	CHR5:17622029	SSF x LoA	-9,65779313	0,095	0,300
CHR5	17622037	CHR5:17622037	SSF x LoA	-8,45579275	0,134	0,300
CHR5	17622120	CHR5:17622120	SSF x LoA	-8,40996507	0,034	0,317
CHR5	17622150	CHR5:17622150	SSF x LoA	-8,96123212	-0,012	0,310
CHR5	17622160	CHR5:17622160	SSF x LoA	-9,93140249	0,018	0,295
CHR5	17622165	CHR5:17622165	SSF x LoA	-9,3072403	0,083	0,309
CHR5	17622205	CHR5:17622205	SSF x LoA	-10,1256408	0,025	0,299
CHR5	17631505	CHR5:17631505	SSF x LoA	-8,58280481	0,060	0,310
CHR5	17631513	CHR5:17631513	SSF x LoA	-9,98041347	-0,120	0,304
CHR5	17631514	CHR5:17631514	SSF x LoA	-8,03021316	-0,079	0,302
CHR5	17631543	CHR5:17631543	SSF x LoA	-8,72979549	0,081	0,306
CHR5	17631588	CHR5:17631588	SSF x LoA	-6,12889525	0,124	0,314
CHR5	17631607	CHR5:17631607	SSF x LoA	-8,86224325	-0,128	0,288
CHR5	17650634	CHR5:17650634	SSF x LoA	-9,25961086	-0,012	0,316
CHR5	17656114	CHR5:17656114	SSF x LoA	-7,92460696	0,067	0,287
CHR5	17656129	CHR5:17656129	SSF x LoA	-9,55485602	0,048	0,293
CHR5	17656149	CHR5:17656149	SSF x LoA	-10,6154586	-0,012	0,321
CHR5	17667046	CHR5:17667046	SSF x LoA	-9,16050534	0,100	0,315
CHR5	17667156	CHR5:17667156	SSF x LoA	-9,39852745	-0,018	0,300
CHR5	17667160	CHR5:17667160	SSF x LoA	-3,39119358	0,191	0,291
CHR5	17667221	CHR5:17667221	SSF x LoA	-8,23393627	0,069	0,287
CHR5	17667268	CHR5:17667268	SSF x LoA	-8,02536124	0,041	0,298
CHR5	17667276	CHR5:17667276	SSF x LoA	-10,6103835	0,091	0,308
CHR5	17683130	CHR5:17683130	SSF x LoA	-7,12492785	0,112	0,313
CHR5	17683131	CHR5:17683131	SSF x LoA	-5,42867607	-0,074	0,299
CHR5	17683160	CHR5:17683160	SSF x LoA	-10,7703022	-0,017	0,294
CHR5	17683224	CHR5:17683224	SSF x LoA	-8,10337959	0,023	0,313

CHR5	17683247	CHR5:17683247	SSF x LoA	-8,49682025	0,024	0,310
CHR5	1768449	CHR5:1768449	SSF x LoA	-11,0075125	0,032	0,316
CHR5	1768528	CHR5:1768528	SSF x LoA	-8,9659866	-0,007	0,305
CHR5	17685517	CHR5:17685517	SSF x LoA	-5,20335133	-0,181	0,297
CHR5	17685645	CHR5:17685645	SSF x LoA	-7,29193438	0,183	0,292
CHR5	17688726	CHR5:17688726	SSF x LoA	-5,13812367	0,201	0,288
CHR5	17689648	CHR5:17689648	SSF x LoA	-11,8094191	-0,016	0,319
CHR5	17704292	CHR5:17704292	SSF x LoA	-10,0823897	0,047	0,299
CHR5	17704326	CHR5:17704326	SSF x LoA	-6,92183838	0,125	0,317
CHR5	17704386	CHR5:17704386	SSF x LoA	-6,20954563	0,139	0,306
CHR5	17704435	CHR5:17704435	SSF x LoA	-8,14592883	-0,176	0,294
CHR5	17704507	CHR5:17704507	SSF x LoA	-7,418142	0,087	0,311
CHR5	17704511	CHR5:17704511	SSF x LoA	-6,82200255	-0,187	0,309
CHR5	17708827	CHR5:17708827	SSF x LoA	-9,96962659	0,030	0,306
CHR5	17708829	CHR5:17708829	SSF x LoA	-9,8025624	-0,057	0,310
CHR5	17709808	CHR5:17709808	SSF x LoA	-8,74949784	-0,088	0,305
CHR5	17709812	CHR5:17709812	SSF x LoA	-9,27657652	-0,060	0,314
CHR5	17710419	CHR5:17710419	SSF x LoA	-10,0030395	0,039	0,304
CHR5	17710469	CHR5:17710469	SSF x LoA	-9,3074907	0,064	0,274
CHR5	17710489	CHR5:17710489	SSF x LoA	-8,55275966	0,068	0,306
CHR5	17710502	CHR5:17710502	SSF x LoA	-9,08317958	0,000	0,296
CHR5	17713474	CHR5:17713474	SSF x LoA	-8,5076342	0,022	0,294
CHR5	17713551	CHR5:17713551	SSF x LoA	-5,9290458	0,029	0,307
CHR5	17715297	CHR5:17715297	SSF x LoA	-8,56343309	-0,007	0,298
CHR5	17717086	CHR5:17717086	SSF x LoA	-8,96575955	0,028	0,312
CHR5	17718867	CHR5:17718867	SSF x LoA	-10,0538285	0,072	0,308
CHR5	1771942	CHR5:1771942	SSF x LoA	-0,57889233	-0,030	0,307
CHR5	17720731	CHR5:17720731	SSF x LoA	-8,8376761	-0,024	0,305
CHR5	17720870	CHR5:17720870	SSF x LoA	-6,60708301	-0,037	0,317
CHR5	17723610	CHR5:17723610	SSF x LoA	-9,67953771	0,020	0,303
CHR5	17727797	CHR5:17727797	SSF x LoA	-9,75766347	-0,094	0,302
CHR5	17727877	CHR5:17727877	SSF x LoA	-8,47138887	0,140	0,305
CHR5	17727908	CHR5:17727908	SSF x LoA	-5,28329601	-0,123	0,310
CHR5	17727912	CHR5:17727912	SSF x LoA	-9,07701955	0,086	0,305
CHR5	17727917	CHR5:17727917	SSF x LoA	-7,65103363	0,121	0,298
CHR5	17735356	CHR5:17735356	SSF x LoA	-9,89716304	-0,050	0,317
CHR5	17735388	CHR5:17735388	SSF x LoA	-10,9612741	-0,058	0,318
CHR5	17735398	CHR5:17735398	SSF x LoA	-9,16017376	-0,039	0,306
CHR5	17736287	CHR5:17736287	SSF x LoA	-10,2297022	-0,020	0,310
CHR5	17736313	CHR5:17736313	SSF x LoA	-7,27691907	0,021	0,317
CHR5	17738871	CHR5:17738871	SSF x LoA	-9,04532437	-0,097	0,293
CHR5	17738872	CHR5:17738872	SSF x LoA	-9,90296539	-0,103	0,298
CHR5	17742504	CHR5:17742504	SSF x LoA	-9,35879298	-0,069	0,309
CHR5	17742510	CHR5:17742510	SSF x LoA	-9,06898566	-0,092	0,314
CHR5	17742511	CHR5:17742511	SSF x LoA	-9,30429459	0,020	0,300
CHR5	17742532	CHR5:17742532	SSF x LoA	-10,6111738	0,042	0,297
CHR5	17742665	CHR5:17742665	SSF x LoA	-9,89187354	0,057	0,290
CHR5	17742719	CHR5:17742719	SSF x LoA	-8,02454629	-0,096	0,299
CHR5	1774582	CHR5:1774582	SSF x LoA	-7,23977627	-0,033	0,299
CHR5	17753670	CHR5:17753670	SSF x LoA	5,31887769	-0,152	0,297
CHR5	17760376	CHR5:17760376	SSF x LoA	-12,0922875	0,046	0,296
CHR5	17760419	CHR5:17760419	SSF x LoA	-10,7640227	-0,007	0,311
CHR5	17760584	CHR5:17760584	SSF x LoA	-9,20123551	0,049	0,310

CHR5	17764478	CHR5:17764478	SSF x LoA	-8,83760485	0,034	0,313
CHR5	17764559	CHR5:17764559	SSF x LoA	-9,66119816	0,064	0,304
CHR5	17764597	CHR5:17764597	SSF x LoA	-11,3516832	-0,027	0,316
CHR5	17764605	CHR5:17764605	SSF x LoA	-11,4489143	0,066	0,297
CHR5	17764642	CHR5:17764642	SSF x LoA	-7,87422268	0,022	0,309
CHR5	17764649	CHR5:17764649	SSF x LoA	-10,0316152	-0,071	0,315
CHR5	17772316	CHR5:17772316	SSF x LoA	-10,1429768	-0,019	0,308
CHR5	17772351	CHR5:17772351	SSF x LoA	-10,4202579	-0,056	0,307
CHR5	17772364	CHR5:17772364	SSF x LoA	-11,0130662	-0,019	0,314
CHR5	17772387	CHR5:17772387	SSF x LoA	-7,63504966	-0,038	0,322
CHR5	17772400	CHR5:17772400	SSF x LoA	-9,8706207	-0,053	0,304
CHR5	17772405	CHR5:17772405	SSF x LoA	-9,60396695	-0,013	0,315
CHR5	17772412	CHR5:17772412	SSF x LoA	-9,93834061	-0,020	0,305
CHR5	17772418	CHR5:17772418	SSF x LoA	-8,15471406	-0,117	0,293
CHR5	17772435	CHR5:17772435	SSF x LoA	-9,03954259	0,097	0,301
CHR5	17772446	CHR5:17772446	SSF x LoA	-8,34323823	-0,076	0,299
CHR5	17772458	CHR5:17772458	SSF x LoA	11,8014338	-0,074	0,298
CHR5	17772478	CHR5:17772478	SSF x LoA	-7,54691443	-0,052	0,322
CHR5	17772481	CHR5:17772481	SSF x LoA	-9,23656965	0,018	0,302
CHR5	17772488	CHR5:17772488	SSF x LoA	-8,70085905	0,101	0,319
CHR5	17772541	CHR5:17772541	SSF x LoA	-8,1278739	-0,102	0,308
CHR5	17772543	CHR5:17772543	SSF x LoA	-8,25344714	-0,092	0,309
CHR5	17777413	CHR5:17777413	SSF x LoA	-9,05962307	-0,024	0,311
CHR5	17777745	CHR5:17777745	SSF x LoA	8,93735198	0,127	0,301
CHR5	1777823	CHR5:1777823	SSF x LoA	-11,7461713	-0,064	0,313
CHR5	17779481	CHR5:17779481	SSF x LoA	-8,3957107	-0,097	0,294
CHR5	1777956	CHR5:1777956	SSF x LoA	-7,56348341	-0,020	0,327
CHR5	17784849	CHR5:17784849	SSF x LoA	-11,8862613	0,048	0,314
CHR5	17788554	CHR5:17788554	SSF x LoA	-6,93074877	-0,085	0,300
CHR5	17788573	CHR5:17788573	SSF x LoA	-9,9648654	-0,027	0,307
CHR5	17804501	CHR5:17804501	SSF x LoA	-9,23524103	-0,089	0,310
CHR5	17804505	CHR5:17804505	SSF x LoA	-7,87970697	0,027	0,310
CHR5	17804541	CHR5:17804541	SSF x LoA	-9,37537927	-0,049	0,320
CHR5	17804662	CHR5:17804662	SSF x LoA	-9,86110144	0,019	0,316
CHR5	17804698	CHR5:17804698	SSF x LoA	-8,76576692	0,122	0,292
CHR5	17814133	CHR5:17814133	SSF x LoA	-10,3839612	0,001	0,305
CHR5	17832768	CHR5:17832768	SSF x LoA	-9,54512291	-0,038	0,305
CHR5	17832878	CHR5:17832878	SSF x LoA	-10,3984562	0,036	0,287
CHR5	17832923	CHR5:17832923	SSF x LoA	-10,8259421	0,051	0,299
CHR5	17834552	CHR5:17834552	SSF x LoA	-12,3764865	-0,009	0,294
CHR5	17834622	CHR5:17834622	SSF x LoA	-9,57853618	0,058	0,309
CHR5	17834643	CHR5:17834643	SSF x LoA	-5,72596614	0,040	0,325
CHR5	17834650	CHR5:17834650	SSF x LoA	-10,5497098	-0,049	0,312
CHR5	17834655	CHR5:17834655	SSF x LoA	-8,44458889	0,077	0,328
CHR5	17834716	CHR5:17834716	SSF x LoA	-8,18424092	0,016	0,317
CHR5	17834727	CHR5:17834727	SSF x LoA	-9,08837846	-0,070	0,310
CHR5	17841561	CHR5:17841561	SSF x LoA	-10,7817362	0,036	0,312
CHR5	17841705	CHR5:17841705	SSF x LoA	-9,10109181	-0,023	0,310
CHR5	17841774	CHR5:17841774	SSF x LoA	-11,2045476	0,098	0,308
CHR5	17841775	CHR5:17841775	SSF x LoA	-9,05182926	-0,013	0,298
CHR5	17847658	CHR5:17847658	SSF x LoA	-9,40341895	-0,030	0,308
CHR5	17850594	CHR5:17850594	SSF x LoA	-8,68356604	-0,028	0,302
CHR5	17850598	CHR5:17850598	SSF x LoA	-9,04072377	-0,026	0,312

CHR5	17850617	CHR5:17850617	SSF x LoA	-6,91785879	-0,114	0,312
CHR5	1785499	CHR5:1785499	SSF x LoA	-11,5403605	-0,017	0,307
CHR5	17865296	CHR5:17865296	SSF x LoA	-10,7870972	-0,001	0,304
CHR5	17865304	CHR5:17865304	SSF x LoA	0,95674571	0,004	0,316
CHR5	17865314	CHR5:17865314	SSF x LoA	-8,79679897	0,002	0,305
CHR5	17865419	CHR5:17865419	SSF x LoA	-7,42333737	0,082	0,307
CHR5	17876807	CHR5:17876807	SSF x LoA	-9,86772063	-0,046	0,310
CHR5	17876937	CHR5:17876937	SSF x LoA	-10,1716527	-0,078	0,313
CHR5	17879814	CHR5:17879814	SSF x LoA	-9,2270285	-0,029	0,307
CHR5	17879818	CHR5:17879818	SSF x LoA	-9,92109842	-0,075	0,306
CHR5	17884844	CHR5:17884844	SSF x LoA	-10,7967754	-0,030	0,315
CHR5	17902633	CHR5:17902633	SSF x LoA	-5,56746677	0,002	0,316
CHR5	17902707	CHR5:17902707	SSF x LoA	-6,83841206	-0,023	0,316
CHR5	17912816	CHR5:17912816	SSF x LoA	-8,57802365	-0,010	0,312
CHR5	17912855	CHR5:17912855	SSF x LoA	-6,55213561	0,010	0,302
CHR5	17912947	CHR5:17912947	SSF x LoA	-11,3641408	0,027	0,301
CHR5	17913007	CHR5:17913007	SSF x LoA	-5,07851449	0,090	0,300
CHR5	17914366	CHR5:17914366	SSF x LoA	-10,5407599	-0,052	0,312
CHR5	17915611	CHR5:17915611	SSF x LoA	-8,42247655	-0,020	0,313
CHR5	17915662	CHR5:17915662	SSF x LoA	-10,9281258	-0,096	0,308
CHR5	17915663	CHR5:17915663	SSF x LoA	-5,43723801	-0,096	0,311
CHR5	17915666	CHR5:17915666	SSF x LoA	-7,02651423	-0,167	0,294
CHR5	17919383	CHR5:17919383	SSF x LoA	-9,97112189	0,079	0,303
CHR5	17927110	CHR5:17927110	SSF x LoA	-10,0158741	0,108	0,296
CHR5	17930311	CHR5:17930311	SSF x LoA	-11,5158798	0,086	0,296
CHR5	17930429	CHR5:17930429	SSF x LoA	-7,78038932	0,046	0,299
CHR5	17930491	CHR5:17930491	SSF x LoA	-9,33851304	0,050	0,317
CHR5	17941672	CHR5:17941672	SSF x LoA	-9,60835651	0,130	0,302
CHR5	17941729	CHR5:17941729	SSF x LoA	-9,57177681	0,107	0,308
CHR5	17942006	CHR5:17942006	SSF x LoA	-6,08046011	0,104	0,310
CHR5	17959049	CHR5:17959049	SSF x LoA	-7,68136098	-0,041	0,315
CHR5	17959191	CHR5:17959191	SSF x LoA	-8,51945421	-0,139	0,308
CHR5	17965561	CHR5:17965561	SSF x LoA	-9,14053257	0,091	0,307
CHR5	17965568	CHR5:17965568	SSF x LoA	-8,73804764	0,022	0,316
CHR5	17965581	CHR5:17965581	SSF x LoA	-10,7374266	0,070	0,308
CHR5	17965614	CHR5:17965614	SSF x LoA	-8,70015146	0,086	0,318
CHR5	17965626	CHR5:17965626	SSF x LoA	-5,58919628	0,034	0,310
CHR5	17965647	CHR5:17965647	SSF x LoA	-10,444458	0,008	0,312
CHR5	17965669	CHR5:17965669	SSF x LoA	-9,62886749	-0,035	0,306
CHR5	17965705	CHR5:17965705	SSF x LoA	-8,24268331	0,140	0,297
CHR5	17968397	CHR5:17968397	SSF x LoA	0,97222845	0,034	0,317
CHR5	17968430	CHR5:17968430	SSF x LoA	-9,17189688	-0,115	0,296
CHR5	17968467	CHR5:17968467	SSF x LoA	-9,12108119	-0,071	0,311
CHR5	17974024	CHR5:17974024	SSF x LoA	-10,4032171	0,018	0,310
CHR5	17974185	CHR5:17974185	SSF x LoA	-8,5208177	0,153	0,308
CHR5	17974315	CHR5:17974315	SSF x LoA	-5,5540555	0,165	0,270
CHR5	17980477	CHR5:17980477	SSF x LoA	-10,2650584	-0,031	0,301
CHR5	17980516	CHR5:17980516	SSF x LoA	-7,21283005	0,104	0,314
CHR5	17981723	CHR5:17981723	SSF x LoA	-10,59616	-0,027	0,296
CHR5	17981754	CHR5:17981754	SSF x LoA	-9,1122832	-0,024	0,297
CHR5	17981804	CHR5:17981804	SSF x LoA	-9,86987642	0,082	0,304
CHR5	17983278	CHR5:17983278	SSF x LoA	-9,01513302	-0,049	0,305
CHR5	17983279	CHR5:17983279	SSF x LoA	-9,4063289	-0,109	0,301

CHR5	17991855	CHR5:17991855	SSF x LoA	-11,1784422	0,004	0,321
CHR5	17992015	CHR5:17992015	SSF x LoA	-9,92710103	-0,009	0,298
CHR5	17999115	CHR5:17999115	SSF x LoA	-8,9464914	-0,050	0,305
CHR5	17999121	CHR5:17999121	SSF x LoA	-8,22757264	-0,067	0,304
CHR5	17999189	CHR5:17999189	SSF x LoA	-4,00598351	0,030	0,326
CHR5	17999202	CHR5:17999202	SSF x LoA	-10,823877	-0,025	0,308
CHR5	18001100	CHR5:18001100	SSF x LoA	-8,44448506	-0,132	0,313
CHR5	18001160	CHR5:18001160	SSF x LoA	-10,7730447	0,035	0,299
CHR5	18001161	CHR5:18001161	SSF x LoA	-10,9684051	0,027	0,297
CHR5	18017862	CHR5:18017862	SSF x LoA	-8,54961344	-0,131	0,292
CHR5	18022618	CHR5:18022618	SSF x LoA	-8,78116358	-0,062	0,291
CHR5	18022662	CHR5:18022662	SSF x LoA	-10,3165267	0,042	0,303
CHR5	18022718	CHR5:18022718	SSF x LoA	-11,7314902	0,014	0,301
CHR5	18023379	CHR5:18023379	SSF x LoA	-10,9020437	-0,030	0,306
CHR5	18023453	CHR5:18023453	SSF x LoA	-11,6693002	0,037	0,304
CHR5	18023488	CHR5:18023488	SSF x LoA	-6,80346141	0,162	0,293
CHR5	18024286	CHR5:18024286	SSF x LoA	-4,4111511	-0,016	0,321
CHR5	18024502	CHR5:18024502	SSF x LoA	-10,9332268	0,056	0,286
CHR5	18024525	CHR5:18024525	SSF x LoA	-9,44747695	-0,077	0,302
CHR5	18034690	CHR5:18034690	SSF x LoA	-7,64442315	0,020	0,303
CHR5	18034719	CHR5:18034719	SSF x LoA	-8,3194824	-0,022	0,302
CHR5	18034777	CHR5:18034777	SSF x LoA	-8,46797159	0,077	0,318
CHR5	18034811	CHR5:18034811	SSF x LoA	-8,31467857	-0,017	0,316
CHR5	18043633	CHR5:18043633	SSF x LoA	-9,02952438	-0,090	0,285
CHR5	18043682	CHR5:18043682	SSF x LoA	-7,61587782	0,113	0,300
CHR5	18043744	CHR5:18043744	SSF x LoA	-10,8769572	-0,005	0,303
CHR5	18043777	CHR5:18043777	SSF x LoA	-8,02752021	0,075	0,301
CHR5	1805376	CHR5:1805376	SSF x LoA	-11,2531349	0,010	0,323
CHR5	18058610	CHR5:18058610	SSF x LoA	-11,373238	0,002	0,319
CHR5	18068472	CHR5:18068472	SSF x LoA	-9,19280326	0,060	0,310
CHR5	18068513	CHR5:18068513	SSF x LoA	-9,07743391	0,082	0,297
CHR5	18068696	CHR5:18068696	SSF x LoA	-9,9788517	0,084	0,303
CHR5	18074301	CHR5:18074301	SSF x LoA	-8,48936395	0,115	0,302
CHR5	18075679	CHR5:18075679	SSF x LoA	-8,45070329	-0,011	0,315
CHR5	18075725	CHR5:18075725	SSF x LoA	-8,55333096	0,073	0,303
CHR5	18075770	CHR5:18075770	SSF x LoA	-9,18377278	0,066	0,305
CHR5	18075895	CHR5:18075895	SSF x LoA	-8,44053903	0,096	0,302
CHR5	18083249	CHR5:18083249	SSF x LoA	-7,64777909	0,088	0,292
CHR5	18097340	CHR5:18097340	SSF x LoA	-9,37268514	0,022	0,319
CHR5	18105768	CHR5:18105768	SSF x LoA	-10,582042	0,014	0,312
CHR5	18105822	CHR5:18105822	SSF x LoA	-10,76384	-0,057	0,307
CHR5	18105862	CHR5:18105862	SSF x LoA	-8,98154774	0,007	0,313
CHR5	18105926	CHR5:18105926	SSF x LoA	-6,78301753	-0,021	0,307
CHR5	18120008	CHR5:18120008	SSF x LoA	-12,0577667	-0,019	0,287
CHR5	18128493	CHR5:18128493	SSF x LoA	-9,37410904	-0,026	0,311
CHR5	18128530	CHR5:18128530	SSF x LoA	-8,47033294	-0,061	0,308
CHR5	18128554	CHR5:18128554	SSF x LoA	-9,31565358	-0,016	0,314
CHR5	18128651	CHR5:18128651	SSF x LoA	-9,89475346	0,027	0,304
CHR5	18138558	CHR5:18138558	SSF x LoA	-9,69686719	0,007	0,306
CHR5	18150270	CHR5:18150270	SSF x LoA	-8,1838943	-0,040	0,303
CHR5	18150361	CHR5:18150361	SSF x LoA	-7,89444762	-0,048	0,285
CHR5	18161984	CHR5:18161984	SSF x LoA	-11,1150445	0,015	0,307
CHR5	18162091	CHR5:18162091	SSF x LoA	-5,68674698	0,223	0,295

CHR5	18162093	CHR5:18162093	SSF x LoA	-6,29464284	0,186	0,304
CHR5	18162102	CHR5:18162102	SSF x LoA	-6,77201222	0,208	0,288
CHR5	18162127	CHR5:18162127	SSF x LoA	-9,09995435	-0,022	0,307
CHR5	18162141	CHR5:18162141	SSF x LoA	-5,09146139	0,187	0,296
CHR5	18162213	CHR5:18162213	SSF x LoA	-8,63797963	0,116	0,299
CHR5	18162234	CHR5:18162234	SSF x LoA	-9,27719697	0,104	0,302
CHR5	18162238	CHR5:18162238	SSF x LoA	-2,26862546	0,168	0,295
CHR5	18162252	CHR5:18162252	SSF x LoA	-5,51138585	-0,108	0,293
CHR5	18187887	CHR5:18187887	SSF x LoA	-5,5626923	0,134	0,309
CHR5	18190912	CHR5:18190912	SSF x LoA	-10,3597493	-0,024	0,305
CHR5	18190924	CHR5:18190924	SSF x LoA	-10,7447785	0,047	0,307
CHR5	18190959	CHR5:18190959	SSF x LoA	-11,3861693	-0,034	0,305
CHR5	18191037	CHR5:18191037	SSF x LoA	-9,31823107	0,028	0,303
CHR5	18193285	CHR5:18193285	SSF x LoA	-10,7077271	-0,079	0,312
CHR5	18193309	CHR5:18193309	SSF x LoA	-5,92441277	0,052	0,299
CHR5	18200356	CHR5:18200356	SSF x LoA	-9,47463964	0,037	0,288
CHR5	18202735	CHR5:18202735	SSF x LoA	-8,25022735	0,000	0,315
CHR5	18202797	CHR5:18202797	SSF x LoA	-10,7286905	0,052	0,309
CHR5	18204206	CHR5:18204206	SSF x LoA	-9,40939359	-0,065	0,315
CHR5	18204437	CHR5:18204437	SSF x LoA	-1,58603779	-0,201	0,300
CHR5	18215577	CHR5:18215577	SSF x LoA	-11,1299067	0,003	0,308
CHR5	18217987	CHR5:18217987	SSF x LoA	-10,045753	-0,048	0,306
CHR5	18218100	CHR5:18218100	SSF x LoA	-8,73818968	0,074	0,314
CHR5	18218113	CHR5:18218113	SSF x LoA	-8,28014445	0,073	0,300
CHR5	18218115	CHR5:18218115	SSF x LoA	-10,156693	0,106	0,294
CHR5	18218121	CHR5:18218121	SSF x LoA	-11,6111284	0,110	0,296
CHR5	18218161	CHR5:18218161	SSF x LoA	-8,27106073	0,084	0,299
CHR5	18222208	CHR5:18222208	SSF x LoA	-9,80387909	0,021	0,312
CHR5	18222244	CHR5:18222244	SSF x LoA	-9,46029929	0,043	0,316
CHR5	18228185	CHR5:18228185	SSF x LoA	-9,10075246	0,053	0,310
CHR5	18228255	CHR5:18228255	SSF x LoA	-9,22173272	0,023	0,317
CHR5	18228267	CHR5:18228267	SSF x LoA	-7,62431401	0,024	0,301
CHR5	18234327	CHR5:18234327	SSF x LoA	-11,8628504	0,043	0,302
CHR5	18234355	CHR5:18234355	SSF x LoA	-10,208459	0,048	0,309
CHR5	18234383	CHR5:18234383	SSF x LoA	-7,60930463	-0,057	0,319
CHR5	18234473	CHR5:18234473	SSF x LoA	-10,0862567	-0,003	0,307
CHR5	18239237	CHR5:18239237	SSF x LoA	-8,85942084	0,093	0,315
CHR5	18239238	CHR5:18239238	SSF x LoA	-9,02361679	0,084	0,309
CHR5	18245694	CHR5:18245694	SSF x LoA	-5,61850736	0,106	0,310
CHR5	18245876	CHR5:18245876	SSF x LoA	-10,1530278	-0,108	0,305
CHR5	18248434	CHR5:18248434	SSF x LoA	-4,92078317	-0,122	0,314
CHR5	18253318	CHR5:18253318	SSF x LoA	-6,75017537	-0,010	0,326
CHR5	18253326	CHR5:18253326	SSF x LoA	-9,53006801	0,033	0,310
CHR5	18253336	CHR5:18253336	SSF x LoA	-10,4526381	0,040	0,311
CHR5	18253355	CHR5:18253355	SSF x LoA	-9,40093091	0,059	0,313
CHR5	18253358	CHR5:18253358	SSF x LoA	-10,5295391	0,005	0,319
CHR5	18253400	CHR5:18253400	SSF x LoA	-8,17339295	0,020	0,310
CHR5	18260157	CHR5:18260157	SSF x LoA	-7,48084558	0,051	0,291
CHR5	18260435	CHR5:18260435	SSF x LoA	-7,02440747	0,080	0,306
CHR5	18265578	CHR5:18265578	SSF x LoA	-8,13051868	0,101	0,302
CHR5	18268262	CHR5:18268262	SSF x LoA	-7,81148843	-0,070	0,304
CHR5	18268395	CHR5:18268395	SSF x LoA	-6,47581452	0,062	0,303
CHR5	18271948	CHR5:18271948	SSF x LoA	-10,7629047	0,007	0,326

CHR5	18271949	CHR5:18271949	SSF x LoA	-9,13800332	0,077	0,313
CHR5	18271969	CHR5:18271969	SSF x LoA	-9,6393639	-0,065	0,310
CHR5	18272031	CHR5:18272031	SSF x LoA	-10,4158409	-0,030	0,305
CHR5	18278117	CHR5:18278117	SSF x LoA	-9,89508369	-0,087	0,294
CHR5	18278154	CHR5:18278154	SSF x LoA	-8,52324738	0,079	0,309
CHR5	18278323	CHR5:18278323	SSF x LoA	-10,0138439	-0,057	0,314
CHR5	18278331	CHR5:18278331	SSF x LoA	-9,65821596	-0,018	0,304
CHR5	18283476	CHR5:18283476	SSF x LoA	-10,4729671	-0,071	0,300
CHR5	18299813	CHR5:18299813	SSF x LoA	-8,07570829	-0,085	0,318
CHR5	18299814	CHR5:18299814	SSF x LoA	-8,8932652	-0,108	0,300
CHR5	18299853	CHR5:18299853	SSF x LoA	-9,32728023	0,018	0,304
CHR5	18299896	CHR5:18299896	SSF x LoA	-9,41995686	0,056	0,316
CHR5	18299966	CHR5:18299966	SSF x LoA	-11,223663	0,048	0,301
CHR5	1831180	CHR5:1831180	SSF x LoA	-10,7804711	-0,059	0,294
CHR5	18340087	CHR5:18340087	SSF x LoA	-7,83171522	0,038	0,325
CHR5	18340122	CHR5:18340122	SSF x LoA	-10,6011964	-0,027	0,292
CHR5	18340174	CHR5:18340174	SSF x LoA	-10,4625543	-0,043	0,299
CHR5	18347014	CHR5:18347014	SSF x LoA	-9,94938891	-0,018	0,311
CHR5	18376867	CHR5:18376867	SSF x LoA	8,78775035	0,024	0,331
CHR5	18376870	CHR5:18376870	SSF x LoA	-8,78375777	-0,028	0,299
CHR5	18376892	CHR5:18376892	SSF x LoA	-9,12589207	-0,017	0,313
CHR5	18376944	CHR5:18376944	SSF x LoA	-11,3245359	0,089	0,305
CHR5	18376966	CHR5:18376966	SSF x LoA	-7,87711738	-0,125	0,308
CHR5	18376967	CHR5:18376967	SSF x LoA	-10,095567	0,015	0,309
CHR5	18376976	CHR5:18376976	SSF x LoA	-10,381169	0,014	0,296
CHR5	18377014	CHR5:18377014	SSF x LoA	-9,51698522	-0,083	0,313
CHR5	18377025	CHR5:18377025	SSF x LoA	-8,97517102	-0,046	0,310
CHR5	18377030	CHR5:18377030	SSF x LoA	-10,8619997	-0,088	0,308
CHR5	18377032	CHR5:18377032	SSF x LoA	-10,758843	-0,072	0,301
CHR5	18377056	CHR5:18377056	SSF x LoA	-9,75874292	-0,046	0,305
CHR5	18387889	CHR5:18387889	SSF x LoA	-10,9039999	0,045	0,297
CHR5	18388062	CHR5:18388062	SSF x LoA	-8,11634176	0,103	0,310
CHR5	18388071	CHR5:18388071	SSF x LoA	-10,3375409	0,080	0,307
CHR5	18394084	CHR5:18394084	SSF x LoA	-9,1627518	-0,128	0,303
CHR5	18394098	CHR5:18394098	SSF x LoA	-7,56563646	-0,131	0,296
CHR5	18394193	CHR5:18394193	SSF x LoA	-5,81450536	0,179	0,299
CHR5	18408574	CHR5:18408574	SSF x LoA	-10,7996186	0,017	0,308
CHR5	18431769	CHR5:18431769	SSF x LoA	-10,2261944	-0,093	0,306
CHR5	18442506	CHR5:18442506	SSF x LoA	-8,06647047	0,057	0,311
CHR5	18442561	CHR5:18442561	SSF x LoA	-9,03116457	-0,021	0,309
CHR5	18442696	CHR5:18442696	SSF x LoA	-7,96433001	0,041	0,297
CHR5	18445424	CHR5:18445424	SSF x LoA	-10,4346256	-0,052	0,311
CHR5	18445462	CHR5:18445462	SSF x LoA	-7,3960215	-0,060	0,313
CHR5	18445498	CHR5:18445498	SSF x LoA	-10,7050079	-0,027	0,314
CHR5	18445500	CHR5:18445500	SSF x LoA	-6,47889845	0,029	0,315
CHR5	18453752	CHR5:18453752	SSF x LoA	-9,20955044	0,039	0,324
CHR5	18453756	CHR5:18453756	SSF x LoA	-5,2513459	-0,027	0,317
CHR5	18453801	CHR5:18453801	SSF x LoA	-7,59442461	-0,135	0,313
CHR5	18453959	CHR5:18453959	SSF x LoA	-8,77413677	0,014	0,312
CHR5	18453969	CHR5:18453969	SSF x LoA	-10,1790533	-0,032	0,302
CHR5	18453978	CHR5:18453978	SSF x LoA	-5,26740877	0,036	0,315
CHR5	18460333	CHR5:18460333	SSF x LoA	-5,00692836	0,069	0,303
CHR5	18460390	CHR5:18460390	SSF x LoA	-4,64247947	0,111	0,331

CHR5	18463906	CHR5:18463906	SSF x LoA	-5,23558007	0,121	0,299
CHR5	18472585	CHR5:18472585	SSF x LoA	-8,722866	0,103	0,297
CHR5	18476069	CHR5:18476069	SSF x LoA	-7,70224437	0,112	0,313
CHR5	18476075	CHR5:18476075	SSF x LoA	-9,98446943	0,079	0,310
CHR5	18476144	CHR5:18476144	SSF x LoA	-11,2619103	-0,044	0,306
CHR5	1847778	CHR5:1847778	SSF x LoA	-9,52246318	-0,121	0,304
CHR5	1847883	CHR5:1847883	SSF x LoA	-9,1951105	0,042	0,312
CHR5	18481104	CHR5:18481104	SSF x LoA	-9,89803423	-0,019	0,296
CHR5	18481136	CHR5:18481136	SSF x LoA	-10,7257444	-0,034	0,299
CHR5	18481194	CHR5:18481194	SSF x LoA	-11,0693051	0,027	0,300
CHR5	18489358	CHR5:18489358	SSF x LoA	-10,2579728	0,066	0,293
CHR5	18492770	CHR5:18492770	SSF x LoA	-8,84210526	0,119	0,300
CHR5	18492780	CHR5:18492780	SSF x LoA	-5,49287642	0,123	0,299
CHR5	18502756	CHR5:18502756	SSF x LoA	-9,077201	0,001	0,296
CHR5	18502843	CHR5:18502843	SSF x LoA	-10,0738505	0,070	0,316
CHR5	18502861	CHR5:18502861	SSF x LoA	0,38123621	0,133	0,296
CHR5	18504553	CHR5:18504553	SSF x LoA	-11,1011993	0,078	0,305
CHR5	18504570	CHR5:18504570	SSF x LoA	-8,38067926	-0,098	0,312
CHR5	18511933	CHR5:18511933	SSF x LoA	-9,23790493	-0,030	0,304
CHR5	18512024	CHR5:18512024	SSF x LoA	-8,55484581	0,021	0,314
CHR5	18512072	CHR5:18512072	SSF x LoA	-9,78606813	0,049	0,309
CHR5	18557552	CHR5:18557552	SSF x LoA	-9,36169334	-0,026	0,301
CHR5	18564414	CHR5:18564414	SSF x LoA	-9,48765048	0,143	0,294
CHR5	18575823	CHR5:18575823	SSF x LoA	-10,2671035	-0,063	0,311
CHR5	18575826	CHR5:18575826	SSF x LoA	-10,2586172	0,010	0,319
CHR5	18575827	CHR5:18575827	SSF x LoA	-9,667678	0,012	0,308
CHR5	18575916	CHR5:18575916	SSF x LoA	-9,93263248	-0,029	0,312
CHR5	18575932	CHR5:18575932	SSF x LoA	-6,90368777	0,032	0,311
CHR5	18575954	CHR5:18575954	SSF x LoA	-8,88827758	0,041	0,311
CHR5	18582208	CHR5:18582208	SSF x LoA	-8,92677832	0,002	0,305
CHR5	18582306	CHR5:18582306	SSF x LoA	-8,34195743	-0,083	0,309
CHR5	1858871	CHR5:1858871	SSF x LoA	-9,90298136	0,050	0,314
CHR5	18613865	CHR5:18613865	SSF x LoA	-11,6955368	0,025	0,313
CHR5	18624910	CHR5:18624910	SSF x LoA	-9,37393975	-0,050	0,298
CHR5	18626020	CHR5:18626020	SSF x LoA	-8,96574057	-0,112	0,313
CHR5	18627655	CHR5:18627655	SSF x LoA	-10,0616078	-0,043	0,293
CHR5	18627688	CHR5:18627688	SSF x LoA	-9,49607609	0,014	0,317
CHR5	18627796	CHR5:18627796	SSF x LoA	-9,79753646	0,025	0,302
CHR5	18627816	CHR5:18627816	SSF x LoA	-8,71199628	0,040	0,312
CHR5	18627848	CHR5:18627848	SSF x LoA	-9,63825864	0,033	0,306
CHR5	18643567	CHR5:18643567	SSF x LoA	-9,15832615	-0,020	0,295
CHR5	18643570	CHR5:18643570	SSF x LoA	-8,23346229	-0,051	0,304
CHR5	18643612	CHR5:18643612	SSF x LoA	-9,04395035	-0,073	0,305
CHR5	18643618	CHR5:18643618	SSF x LoA	-8,75535444	-0,038	0,302
CHR5	18643742	CHR5:18643742	SSF x LoA	-9,88085072	0,092	0,299
CHR5	18652538	CHR5:18652538	SSF x LoA	-8,74911109	0,022	0,298
CHR5	18653785	CHR5:18653785	SSF x LoA	-6,16550134	0,059	0,313
CHR5	18653823	CHR5:18653823	SSF x LoA	-9,2276263	0,071	0,307
CHR5	18653849	CHR5:18653849	SSF x LoA	-10,8984907	0,061	0,304
CHR5	18657895	CHR5:18657895	SSF x LoA	-7,85867307	-0,011	0,321
CHR5	18657992	CHR5:18657992	SSF x LoA	-11,594945	-0,023	0,318
CHR5	18674863	CHR5:18674863	SSF x LoA	-11,2399985	-0,070	0,304
CHR5	18674994	CHR5:18674994	SSF x LoA	-9,31913843	-0,075	0,308

CHR5	18686296	CHR5:18686296	SSF x LoA	-6,06041792	-0,001	0,305
CHR5	18686331	CHR5:18686331	SSF x LoA	-8,90581117	-0,054	0,292
CHR5	18686337	CHR5:18686337	SSF x LoA	-12,0905927	-0,013	0,304
CHR5	18688123	CHR5:18688123	SSF x LoA	-9,72196516	-0,160	0,306
CHR5	18688690	CHR5:18688690	SSF x LoA	-8,6951033	-0,121	0,296
CHR5	18695220	CHR5:18695220	SSF x LoA	0,44215237	-0,113	0,305
CHR5	18732475	CHR5:18732475	SSF x LoA	-8,6477828	0,012	0,317
CHR5	18732490	CHR5:18732490	SSF x LoA	-10,0985238	-0,068	0,300
CHR5	18732520	CHR5:18732520	SSF x LoA	-9,91057134	-0,081	0,291
CHR5	18754037	CHR5:18754037	SSF x LoA	-5,69275904	-0,021	0,315
CHR5	18754056	CHR5:18754056	SSF x LoA	-10,5980702	-0,095	0,308
CHR5	18765178	CHR5:18765178	SSF x LoA	-11,2687025	0,007	0,315
CHR5	18765328	CHR5:18765328	SSF x LoA	-11,0795682	-0,018	0,310
CHR5	18775119	CHR5:18775119	SSF x LoA	-9,59249153	-0,093	0,311
CHR5	18792869	CHR5:18792869	SSF x LoA	-8,94748786	0,011	0,301
CHR5	18792961	CHR5:18792961	SSF x LoA	-6,68393871	-0,067	0,315
CHR5	18792980	CHR5:18792980	SSF x LoA	-11,0247742	-0,075	0,305
CHR5	18793966	CHR5:18793966	SSF x LoA	-8,42623809	0,008	0,310
CHR5	18814561	CHR5:18814561	SSF x LoA	-10,8080992	0,012	0,301
CHR5	18834202	CHR5:18834202	SSF x LoA	-10,336648	0,054	0,315
CHR5	18834206	CHR5:18834206	SSF x LoA	-9,34440912	0,045	0,301
CHR5	18834220	CHR5:18834220	SSF x LoA	-7,36174451	0,004	0,316
CHR5	18834222	CHR5:18834222	SSF x LoA	-10,9482652	0,079	0,295
CHR5	18837904	CHR5:18837904	SSF x LoA	-10,2710966	0,059	0,303
CHR5	18859760	CHR5:18859760	SSF x LoA	-10,9441989	-0,092	0,306
CHR5	18859762	CHR5:18859762	SSF x LoA	-10,7851076	-0,090	0,297
CHR5	18859778	CHR5:18859778	SSF x LoA	-9,86975797	-0,103	0,309
CHR5	18859783	CHR5:18859783	SSF x LoA	-10,8006882	-0,094	0,307
CHR5	18863374	CHR5:18863374	SSF x LoA	-11,377096	-0,033	0,302
CHR5	18865286	CHR5:18865286	SSF x LoA	-11,4496927	-0,008	0,313
CHR5	18865349	CHR5:18865349	SSF x LoA	-10,2958729	-0,021	0,308
CHR5	18865353	CHR5:18865353	SSF x LoA	-12,2507746	0,039	0,306
CHR5	18865398	CHR5:18865398	SSF x LoA	-9,90266743	0,138	0,295
CHR5	18865408	CHR5:18865408	SSF x LoA	-9,17402438	-0,059	0,293
CHR5	18865434	CHR5:18865434	SSF x LoA	-7,88583713	0,154	0,313
CHR5	18867293	CHR5:18867293	SSF x LoA	-8,6721761	0,012	0,315
CHR5	18867295	CHR5:18867295	SSF x LoA	-10,5262205	0,114	0,308
CHR5	18867363	CHR5:18867363	SSF x LoA	-6,01762682	0,130	0,298
CHR5	18867422	CHR5:18867422	SSF x LoA	-11,3158553	-0,029	0,301
CHR5	18871403	CHR5:18871403	SSF x LoA	-10,3311613	0,006	0,309
CHR5	18871409	CHR5:18871409	SSF x LoA	-4,45733701	0,139	0,296
CHR5	18871497	CHR5:18871497	SSF x LoA	-11,7613668	-0,063	0,305
CHR5	18871560	CHR5:18871560	SSF x LoA	-11,1233292	0,049	0,299
CHR5	18873064	CHR5:18873064	SSF x LoA	-7,34600017	0,153	0,289
CHR5	18873086	CHR5:18873086	SSF x LoA	-10,5660075	-0,055	0,300
CHR5	18873119	CHR5:18873119	SSF x LoA	-8,36362548	-0,131	0,296
CHR5	18873164	CHR5:18873164	SSF x LoA	-11,4298985	0,082	0,303
CHR5	18897719	CHR5:18897719	SSF x LoA	-11,6331716	0,001	0,306
CHR5	18897811	CHR5:18897811	SSF x LoA	-9,51900496	0,058	0,306
CHR5	18897826	CHR5:18897826	SSF x LoA	-9,70295459	0,073	0,301
CHR5	18898915	CHR5:18898915	SSF x LoA	-10,5001819	-0,010	0,295
CHR5	18898929	CHR5:18898929	SSF x LoA	-12,0652558	0,017	0,296
CHR5	18898973	CHR5:18898973	SSF x LoA	-11,1732909	-0,014	0,306

CHR5	18899167	CHR5:18899167	SSF x LoA	-10,9251846	-0,029	0,297
CHR5	18903821	CHR5:18903821	SSF x LoA	-8,81044477	0,138	0,309
CHR5	18903900	CHR5:18903900	SSF x LoA	-8,95226113	-0,029	0,298
CHR5	18903928	CHR5:18903928	SSF x LoA	-10,1100529	0,148	0,303
CHR5	18910340	CHR5:18910340	SSF x LoA	-7,82970307	-0,160	0,309
CHR5	18910352	CHR5:18910352	SSF x LoA	-6,8885591	-0,156	0,300
CHR5	18910371	CHR5:18910371	SSF x LoA	-9,19301495	0,087	0,303
CHR5	18910398	CHR5:18910398	SSF x LoA	-7,04065811	0,076	0,323
CHR5	18910412	CHR5:18910412	SSF x LoA	-8,05768598	0,136	0,302
CHR5	18910434	CHR5:18910434	SSF x LoA	-10,1595262	0,051	0,304
CHR5	18910443	CHR5:18910443	SSF x LoA	-9,23485275	-0,105	0,306
CHR5	18941291	CHR5:18941291	SSF x LoA	-5,57297257	-0,058	0,306
CHR5	18948906	CHR5:18948906	SSF x LoA	-9,93501067	0,064	0,311
CHR5	18949001	CHR5:18949001	SSF x LoA	-10,3878299	0,068	0,299
CHR5	18949095	CHR5:18949095	SSF x LoA	-9,01114628	-0,144	0,297
CHR5	18952263	CHR5:18952263	SSF x LoA	-7,86180224	0,080	0,307
CHR5	18952317	CHR5:18952317	SSF x LoA	-7,79186004	0,075	0,310
CHR5	18952350	CHR5:18952350	SSF x LoA	-6,39137501	0,144	0,295
CHR5	18964352	CHR5:18964352	SSF x LoA	-8,08708502	0,118	0,299
CHR5	18966688	CHR5:18966688	SSF x LoA	-4,05813268	0,205	0,291
CHR5	18966696	CHR5:18966696	SSF x LoA	-8,0203234	-0,043	0,305
CHR5	18966803	CHR5:18966803	SSF x LoA	-8,83069555	-0,151	0,313
CHR5	18966841	CHR5:18966841	SSF x LoA	-10,8211391	-0,028	0,309
CHR5	18966855	CHR5:18966855	SSF x LoA	-7,26013074	0,072	0,297
CHR5	18970081	CHR5:18970081	SSF x LoA	-10,1117694	0,009	0,315
CHR5	18970200	CHR5:18970200	SSF x LoA	11,3743407	0,108	0,317
CHR5	18970222	CHR5:18970222	SSF x LoA	-9,86746753	0,017	0,318
CHR5	18970228	CHR5:18970228	SSF x LoA	-10,0520801	-0,044	0,302
CHR5	18970248	CHR5:18970248	SSF x LoA	-4,53517797	0,086	0,307
CHR5	18970263	CHR5:18970263	SSF x LoA	-9,52678351	-0,004	0,310
CHR5	18970271	CHR5:18970271	SSF x LoA	-11,4317747	-0,033	0,315
CHR5	18970340	CHR5:18970340	SSF x LoA	-10,2039892	-0,048	0,302
CHR5	18971885	CHR5:18971885	SSF x LoA	-8,4413548	-0,040	0,319
CHR5	18971929	CHR5:18971929	SSF x LoA	-8,69383349	-0,051	0,307
CHR5	18977741	CHR5:18977741	SSF x LoA	-10,6374723	-0,040	0,308
CHR5	18977862	CHR5:18977862	SSF x LoA	-3,00898933	-0,184	0,297
CHR5	19009690	CHR5:19009690	SSF x LoA	-8,45194228	-0,074	0,304
CHR5	19056329	CHR5:19056329	SSF x LoA	-11,5033253	0,001	0,300
CHR5	1906440	CHR5:1906440	SSF x LoA	-9,55637943	0,105	0,299
CHR5	1906681	CHR5:1906681	SSF x LoA	-9,51148806	0,026	0,300
CHR5	19069955	CHR5:19069955	SSF x LoA	-10,7628943	0,072	0,315
CHR5	19072202	CHR5:19072202	SSF x LoA	-10,2477547	0,003	0,310
CHR5	19073061	CHR5:19073061	SSF x LoA	-11,1607419	-0,012	0,297
CHR5	19073115	CHR5:19073115	SSF x LoA	-11,7007758	0,049	0,310
CHR5	19092958	CHR5:19092958	SSF x LoA	-11,5812659	-0,070	0,305
CHR5	19092985	CHR5:19092985	SSF x LoA	-9,99334064	-0,097	0,293
CHR5	19092993	CHR5:19092993	SSF x LoA	-9,33507211	0,031	0,305
CHR5	19092996	CHR5:19092996	SSF x LoA	-8,26549332	0,008	0,313
CHR5	19092999	CHR5:19092999	SSF x LoA	-10,6166347	-0,075	0,295
CHR5	19093017	CHR5:19093017	SSF x LoA	-11,1552091	-0,058	0,307
CHR5	19102881	CHR5:19102881	SSF x LoA	-8,9816474	-0,038	0,328
CHR5	19102992	CHR5:19102992	SSF x LoA	-9,29617591	-0,043	0,306
CHR5	19102998	CHR5:19102998	SSF x LoA	-9,91647	0,042	0,312

CHR5	19103668	CHR5:19103668	SSF x LoA	-7,34378433	0,072	0,307
CHR5	19103689	CHR5:19103689	SSF x LoA	-6,17052419	0,090	0,319
CHR5	19103712	CHR5:19103712	SSF x LoA	-8,88447578	0,051	0,312
CHR5	19108901	CHR5:19108901	SSF x LoA	-10,3089678	-0,046	0,297
CHR5	19109073	CHR5:19109073	SSF x LoA	-9,43992208	-0,006	0,297
CHR5	19110484	CHR5:19110484	SSF x LoA	-9,72512796	0,073	0,304
CHR5	19110597	CHR5:19110597	SSF x LoA	-9,93188807	-0,004	0,313
CHR5	19110599	CHR5:19110599	SSF x LoA	-11,3294735	0,052	0,306
CHR5	19110734	CHR5:19110734	SSF x LoA	-9,09290162	0,053	0,298
CHR5	19117513	CHR5:19117513	SSF x LoA	-8,12088377	-0,054	0,311
CHR5	19117583	CHR5:19117583	SSF x LoA	-11,0290394	-0,043	0,289
CHR5	19117615	CHR5:19117615	SSF x LoA	-8,1798447	0,006	0,307
CHR5	19117621	CHR5:19117621	SSF x LoA	-11,6850273	-0,012	0,295
CHR5	19117645	CHR5:19117645	SSF x LoA	-11,9076809	0,001	0,281
CHR5	19127688	CHR5:19127688	SSF x LoA	-8,70554546	0,028	0,316
CHR5	19132642	CHR5:19132642	SSF x LoA	-9,51372767	-0,040	0,305
CHR5	19132651	CHR5:19132651	SSF x LoA	-4,43988388	-0,067	0,317
CHR5	19132655	CHR5:19132655	SSF x LoA	-8,86659868	-0,064	0,306
CHR5	19132835	CHR5:19132835	SSF x LoA	-5,78930967	-0,039	0,312
CHR5	19132846	CHR5:19132846	SSF x LoA	-10,0991049	0,010	0,301
CHR5	19132852	CHR5:19132852	SSF x LoA	11,5839073	0,102	0,296
CHR5	19140602	CHR5:19140602	SSF x LoA	-10,4275848	0,150	0,312
CHR5	19140785	CHR5:19140785	SSF x LoA	-9,98398338	0,111	0,301
CHR5	19148486	CHR5:19148486	SSF x LoA	-10,2712244	0,003	0,308
CHR5	19148492	CHR5:19148492	SSF x LoA	-7,15132477	-0,136	0,289
CHR5	19148518	CHR5:19148518	SSF x LoA	-10,7327186	-0,063	0,308
CHR5	19148522	CHR5:19148522	SSF x LoA	-10,9492405	-0,037	0,318
CHR5	19148547	CHR5:19148547	SSF x LoA	-11,6752075	0,001	0,303
CHR5	19148548	CHR5:19148548	SSF x LoA	-8,50461765	-0,105	0,297
CHR5	19148550	CHR5:19148550	SSF x LoA	-10,7045867	0,040	0,311
CHR5	19148574	CHR5:19148574	SSF x LoA	-8,14118251	-0,085	0,304
CHR5	19155879	CHR5:19155879	SSF x LoA	-8,97925832	0,121	0,313
CHR5	19160877	CHR5:19160877	SSF x LoA	-10,5276404	0,022	0,315
CHR5	19161125	CHR5:19161125	SSF x LoA	-9,57671496	0,121	0,307
CHR5	19176595	CHR5:19176595	SSF x LoA	-8,09592904	-0,022	0,303
CHR5	19176637	CHR5:19176637	SSF x LoA	-8,44715415	0,027	0,324
CHR5	19176668	CHR5:19176668	SSF x LoA	-4,75920724	0,188	0,307
CHR5	19176861	CHR5:19176861	SSF x LoA	-11,4809158	-0,013	0,307
CHR5	19178894	CHR5:19178894	SSF x LoA	-9,58636473	-0,118	0,310
CHR5	1919711	CHR5:1919711	SSF x LoA	-8,34241863	-0,030	0,304
CHR5	1919713	CHR5:1919713	SSF x LoA	-6,29951197	0,086	0,301
CHR5	1919727	CHR5:1919727	SSF x LoA	-9,48397879	-0,034	0,309
CHR5	1919756	CHR5:1919756	SSF x LoA	-8,70315618	-0,013	0,313
CHR5	1919815	CHR5:1919815	SSF x LoA	-9,78784875	0,054	0,311
CHR5	19202919	CHR5:19202919	SSF x LoA	-11,8254973	-0,042	0,300
CHR5	19202927	CHR5:19202927	SSF x LoA	-9,4509216	0,052	0,302
CHR5	19203880	CHR5:19203880	SSF x LoA	-9,7666656	0,004	0,298
CHR5	19203932	CHR5:19203932	SSF x LoA	-11,085513	-0,023	0,299
CHR5	1920990	CHR5:1920990	SSF x LoA	-7,63007585	0,100	0,294
CHR5	19219781	CHR5:19219781	SSF x LoA	-8,38950394	0,070	0,290
CHR5	19219823	CHR5:19219823	SSF x LoA	-9,60946477	-0,006	0,310
CHR5	19220230	CHR5:19220230	SSF x LoA	-9,32407483	0,023	0,311
CHR5	19220250	CHR5:19220250	SSF x LoA	-10,7031351	-0,037	0,308

CHR5	19220261	CHR5:19220261	SSF x LoA	-11,4148555	0,011	0,304
CHR5	19222809	CHR5:19222809	SSF x LoA	-9,05593211	0,004	0,316
CHR5	19222860	CHR5:19222860	SSF x LoA	-8,90182046	-0,009	0,308
CHR5	19223058	CHR5:19223058	SSF x LoA	-8,89641863	0,016	0,298
CHR5	19238638	CHR5:19238638	SSF x LoA	-9,31729003	-0,027	0,307
CHR5	19238645	CHR5:19238645	SSF x LoA	-10,6925726	-0,060	0,304
CHR5	19238683	CHR5:19238683	SSF x LoA	-9,2726199	0,134	0,304
CHR5	19238696	CHR5:19238696	SSF x LoA	-9,78590111	0,011	0,304
CHR5	19238698	CHR5:19238698	SSF x LoA	-11,571421	0,004	0,307
CHR5	19238716	CHR5:19238716	SSF x LoA	-6,69403488	-0,137	0,294
CHR5	19238724	CHR5:19238724	SSF x LoA	-6,49781369	-0,100	0,297
CHR5	19238737	CHR5:19238737	SSF x LoA	-7,97456931	-0,076	0,311
CHR5	19238740	CHR5:19238740	SSF x LoA	-9,40534141	0,106	0,309
CHR5	19238775	CHR5:19238775	SSF x LoA	-8,67984174	-0,038	0,301
CHR5	19238808	CHR5:19238808	SSF x LoA	-9,65532242	0,029	0,303
CHR5	19238842	CHR5:19238842	SSF x LoA	-9,564006	0,055	0,310
CHR5	19238843	CHR5:19238843	SSF x LoA	-9,65983186	0,045	0,316
CHR5	19251098	CHR5:19251098	SSF x LoA	-11,1755278	-0,046	0,296
CHR5	19251206	CHR5:19251206	SSF x LoA	-9,70138793	-0,020	0,314
CHR5	19251217	CHR5:19251217	SSF x LoA	-4,95642703	0,065	0,292
CHR5	1926249	CHR5:1926249	SSF x LoA	-6,12272336	-0,121	0,295
CHR5	1926317	CHR5:1926317	SSF x LoA	-9,2532613	0,098	0,311
CHR5	1926324	CHR5:1926324	SSF x LoA	-10,8828424	0,096	0,291
CHR5	19263542	CHR5:19263542	SSF x LoA	-9,38787105	-0,053	0,304
CHR5	19263671	CHR5:19263671	SSF x LoA	-9,80875262	-0,110	0,297
CHR5	19263733	CHR5:19263733	SSF x LoA	-10,8785427	0,043	0,306
CHR5	19263752	CHR5:19263752	SSF x LoA	-10,6071338	0,059	0,298
CHR5	19263762	CHR5:19263762	SSF x LoA	-8,56934304	0,000	0,303
CHR5	1926408	CHR5:1926408	SSF x LoA	-7,90517914	-0,054	0,308
CHR5	19266722	CHR5:19266722	SSF x LoA	-10,8774019	-0,014	0,316
CHR5	19267725	CHR5:19267725	SSF x LoA	-9,12580143	-0,062	0,317
CHR5	19267733	CHR5:19267733	SSF x LoA	-7,69103882	-0,011	0,323
CHR5	19267754	CHR5:19267754	SSF x LoA	-8,45523605	-0,136	0,294
CHR5	19267778	CHR5:19267778	SSF x LoA	-9,99756297	-0,002	0,315
CHR5	19267782	CHR5:19267782	SSF x LoA	-9,86538106	0,034	0,314
CHR5	19267796	CHR5:19267796	SSF x LoA	-6,74413693	0,091	0,315
CHR5	19267824	CHR5:19267824	SSF x LoA	-11,6495988	-0,072	0,304
CHR5	19267832	CHR5:19267832	SSF x LoA	-6,22931427	-0,144	0,313
CHR5	19267843	CHR5:19267843	SSF x LoA	-7,95598891	-0,075	0,302
CHR5	19269891	CHR5:19269891	SSF x LoA	-8,31995615	-0,101	0,296
CHR5	19269896	CHR5:19269896	SSF x LoA	-8,81530984	-0,004	0,317
CHR5	19269912	CHR5:19269912	SSF x LoA	-5,86164919	-0,163	0,290
CHR5	19269953	CHR5:19269953	SSF x LoA	-5,16400973	0,195	0,294
CHR5	19290337	CHR5:19290337	SSF x LoA	-10,7680103	-0,008	0,316
CHR5	19290349	CHR5:19290349	SSF x LoA	-7,77520007	-0,131	0,295
CHR5	19290384	CHR5:19290384	SSF x LoA	-9,15747392	-0,051	0,302
CHR5	19306064	CHR5:19306064	SSF x LoA	-8,80681961	0,007	0,326
CHR5	19306092	CHR5:19306092	SSF x LoA	-9,47003419	0,000	0,307
CHR5	19306383	CHR5:19306383	SSF x LoA	-8,51555916	0,063	0,308
CHR5	19306401	CHR5:19306401	SSF x LoA	-11,9413245	-0,034	0,299
CHR5	19306417	CHR5:19306417	SSF x LoA	-9,37566572	0,044	0,314
CHR5	19306419	CHR5:19306419	SSF x LoA	-10,60227	0,030	0,306
CHR5	19306464	CHR5:19306464	SSF x LoA	-9,99926226	-0,129	0,320

CHR5	19306478	CHR5:19306478	SSF x LoA	-5,70199241	-0,054	0,315
CHR5	19306498	CHR5:19306498	SSF x LoA	-9,00743762	0,042	0,309
CHR5	19306512	CHR5:19306512	SSF x LoA	-7,82412007	-0,031	0,320
CHR5	19310859	CHR5:19310859	SSF x LoA	-9,21310734	-0,029	0,314
CHR5	19310929	CHR5:19310929	SSF x LoA	-4,5674746	0,216	0,290
CHR5	19310957	CHR5:19310957	SSF x LoA	-11,2158503	-0,075	0,307
CHR5	19310968	CHR5:19310968	SSF x LoA	-8,36315672	-0,073	0,312
CHR5	19320871	CHR5:19320871	SSF x LoA	-11,3904343	0,057	0,309
CHR5	19320875	CHR5:19320875	SSF x LoA	-10,2200016	0,069	0,305
CHR5	19320880	CHR5:19320880	SSF x LoA	-10,963088	-0,007	0,295
CHR5	19322240	CHR5:19322240	SSF x LoA	-7,80216131	0,092	0,306
CHR5	19322289	CHR5:19322289	SSF x LoA	-4,23732884	0,038	0,308
CHR5	19322291	CHR5:19322291	SSF x LoA	-9,20275769	-0,001	0,310
CHR5	19338307	CHR5:19338307	SSF x LoA	-5,97620524	-0,181	0,298
CHR5	19338309	CHR5:19338309	SSF x LoA	-7,88785816	0,072	0,311
CHR5	19338341	CHR5:19338341	SSF x LoA	-7,31994203	0,138	0,294
CHR5	19345884	CHR5:19345884	SSF x LoA	-8,92822957	0,069	0,302
CHR5	19345892	CHR5:19345892	SSF x LoA	-8,66525495	0,055	0,308
CHR5	19345893	CHR5:19345893	SSF x LoA	-9,4230359	0,008	0,314
CHR5	19345923	CHR5:19345923	SSF x LoA	-9,10844859	-0,137	0,301
CHR5	19345964	CHR5:19345964	SSF x LoA	-8,47863877	-0,046	0,303
CHR5	19346401	CHR5:19346401	SSF x LoA	-7,86932933	-0,083	0,321
CHR5	19346484	CHR5:19346484	SSF x LoA	-8,54687536	0,025	0,308
CHR5	19349303	CHR5:19349303	SSF x LoA	-9,20707876	0,094	0,300
CHR5	19350598	CHR5:19350598	SSF x LoA	-9,98588828	0,014	0,305
CHR5	19354917	CHR5:19354917	SSF x LoA	-8,11421947	-0,139	0,310
CHR5	19362584	CHR5:19362584	SSF x LoA	-6,5592298	0,003	0,292
CHR5	19362636	CHR5:19362636	SSF x LoA	-8,30664605	0,082	0,298
CHR5	19401062	CHR5:19401062	SSF x LoA	-6,75957789	-0,134	0,307
CHR5	19407400	CHR5:19407400	SSF x LoA	-10,1913644	0,004	0,315
CHR5	19407443	CHR5:19407443	SSF x LoA	-11,2879838	-0,024	0,311
CHR5	19407444	CHR5:19407444	SSF x LoA	-10,6779494	0,044	0,305
CHR5	19407482	CHR5:19407482	SSF x LoA	-10,5037183	0,072	0,292
CHR5	19407488	CHR5:19407488	SSF x LoA	-7,98285187	-0,038	0,323
CHR5	19415841	CHR5:19415841	SSF x LoA	-8,40041896	-0,054	0,306
CHR5	19415855	CHR5:19415855	SSF x LoA	-7,92625172	0,045	0,302
CHR5	19415886	CHR5:19415886	SSF x LoA	-9,50730102	-0,035	0,293
CHR5	19415916	CHR5:19415916	SSF x LoA	-8,63411184	0,068	0,305
CHR5	19415922	CHR5:19415922	SSF x LoA	-8,03111185	-0,138	0,297
CHR5	19419059	CHR5:19419059	SSF x LoA	-8,47692185	-0,028	0,308
CHR5	19419108	CHR5:19419108	SSF x LoA	-9,39736976	0,047	0,302
CHR5	19419175	CHR5:19419175	SSF x LoA	-10,042748	0,075	0,301
CHR5	19420899	CHR5:19420899	SSF x LoA	-10,3685714	-0,072	0,305
CHR5	19420913	CHR5:19420913	SSF x LoA	-7,69818057	-0,095	0,319
CHR5	19420953	CHR5:19420953	SSF x LoA	-7,97905913	-0,142	0,306
CHR5	19437354	CHR5:19437354	SSF x LoA	-9,31769333	0,068	0,306
CHR5	19437650	CHR5:19437650	SSF x LoA	-10,783735	-0,099	0,302
CHR5	19442633	CHR5:19442633	SSF x LoA	-10,3927361	0,084	0,302
CHR5	19442850	CHR5:19442850	SSF x LoA	-8,79031383	0,149	0,299
CHR5	19454677	CHR5:19454677	SSF x LoA	-12,269521	-0,008	0,299
CHR5	1947032	CHR5:1947032	SSF x LoA	-7,91621636	0,072	0,312
CHR5	19478882	CHR5:19478882	SSF x LoA	3,34227596	0,102	0,309
CHR5	19478957	CHR5:19478957	SSF x LoA	-9,4912284	0,079	0,307

CHR5	19479027	CHR5:19479027	SSF x LoA	-8,88742139	-0,095	0,308
CHR5	19479032	CHR5:19479032	SSF x LoA	-10,0883697	0,059	0,312
CHR5	19479035	CHR5:19479035	SSF x LoA	-9,15021973	-0,051	0,308
CHR5	19490245	CHR5:19490245	SSF x LoA	-10,989588	-0,026	0,302
CHR5	19498320	CHR5:19498320	SSF x LoA	-10,9753466	-0,033	0,320
CHR5	19498531	CHR5:19498531	SSF x LoA	-10,8789263	-0,026	0,321
CHR5	2E+07	CHR5:19507558	SSF x LoA	-10,6656533	-0,017	0,306
CHR5	2E+07	CHR5:19507650	SSF x LoA	-7,65118645	0,030	0,304
CHR5	2E+07	CHR5:19507666	SSF x LoA	-12,1171182	0,026	0,296
CHR5	2E+07	CHR5:19507670	SSF x LoA	-11,382751	-0,040	0,318
CHR5	2E+07	CHR5:19507682	SSF x LoA	-8,34514997	0,083	0,321
CHR5	2E+07	CHR5:19507714	SSF x LoA	-5,49166796	-0,137	0,315
CHR5	2E+07	CHR5:19507716	SSF x LoA	-11,9798688	0,002	0,320
CHR5	2E+07	CHR5:19507720	SSF x LoA	-10,5946637	-0,056	0,314
CHR5	2E+07	CHR5:19507743	SSF x LoA	-10,6250059	-0,012	0,296
CHR5	2E+07	CHR5:19509582	SSF x LoA	-11,0100217	-0,054	0,309
CHR5	2E+07	CHR5:19518307	SSF x LoA	-8,91531281	-0,083	0,321
CHR5	2E+07	CHR5:19518312	SSF x LoA	-8,89399985	-0,043	0,307
CHR5	2E+07	CHR5:19518353	SSF x LoA	-9,73445559	0,152	0,299
CHR5	2E+07	CHR5:19518473	SSF x LoA	-8,2509231	-0,150	0,298
CHR5	2E+07	CHR5:19518475	SSF x LoA	-7,9247983	-0,153	0,305
CHR5	2E+07	CHR5:19518478	SSF x LoA	-8,72300414	-0,175	0,290
CHR5	2E+07	CHR5:19518487	SSF x LoA	-8,81043956	0,104	0,306
CHR5	2E+07	CHR5:19518503	SSF x LoA	-10,4309168	0,059	0,302
CHR5	2E+07	CHR5:19518519	SSF x LoA	-8,52562404	-0,117	0,299
CHR5	2E+07	CHR5:19525178	SSF x LoA	-8,12545592	-0,101	0,304
CHR5	2E+07	CHR5:19528364	SSF x LoA	-9,35993469	0,159	0,307
CHR5	2E+07	CHR5:19528408	SSF x LoA	-10,5365036	0,055	0,300
CHR5	2E+07	CHR5:19540124	SSF x LoA	-11,3914166	0,034	0,289
CHR5	2E+07	CHR5:19541317	SSF x LoA	-9,63945598	0,003	0,308
CHR5	2E+07	CHR5:19541347	SSF x LoA	-7,60624035	0,014	0,313
CHR5	2E+07	CHR5:19541426	SSF x LoA	-8,44456501	0,054	0,294
CHR5	2E+07	CHR5:19541440	SSF x LoA	-12,1511943	-0,085	0,295
CHR5	2E+07	CHR5:19541452	SSF x LoA	-10,0651067	0,032	0,284
CHR5	2E+07	CHR5:19541493	SSF x LoA	-8,51728518	-0,051	0,303
CHR5	2E+07	CHR5:19541540	SSF x LoA	-9,41964577	0,116	0,288
CHR5	2E+07	CHR5:19541543	SSF x LoA	-9,10458625	0,078	0,298
CHR5	2E+07	CHR5:19546288	SSF x LoA	-4,15239487	-0,134	0,293
CHR5	2E+07	CHR5:19546297	SSF x LoA	-8,79708399	-0,075	0,307
CHR5	2E+07	CHR5:19546886	SSF x LoA	-11,6439916	-0,011	0,312
CHR5	2E+07	CHR5:19546939	SSF x LoA	-10,2972669	0,020	0,302
CHR5	2E+07	CHR5:19546948	SSF x LoA	-5,95253528	-0,151	0,301
CHR5	2E+07	CHR5:19558532	SSF x LoA	-9,99109587	0,048	0,294
CHR5	2E+07	CHR5:19564095	SSF x LoA	-8,95844946	-0,060	0,300
CHR5	2E+07	CHR5:19564106	SSF x LoA	-11,1985509	0,029	0,323
CHR5	2E+07	CHR5:19564365	SSF x LoA	-8,95405883	-0,101	0,296
CHR5	2E+07	CHR5:19579969	SSF x LoA	-12,2269448	0,025	0,302
CHR5	2E+07	CHR5:19580003	SSF x LoA	-12,1660118	-0,011	0,310
CHR5	1959209	CHR5:1959209	SSF x LoA	-7,84458746	0,068	0,314
CHR5	1959212	CHR5:1959212	SSF x LoA	-10,5409638	-0,060	0,314
CHR5	1959262	CHR5:1959262	SSF x LoA	-11,0446889	-0,014	0,310
CHR5	1959282	CHR5:1959282	SSF x LoA	-12,1343387	0,053	0,307
CHR5	1959310	CHR5:1959310	SSF x LoA	-8,9838367	0,057	0,313

CHR5	2E+07	CHR5:19603608	SSF x LoA	-10,0161915	-0,115	0,298
CHR5	2E+07	CHR5:19606276	SSF x LoA	-8,83405081	0,055	0,319
CHR5	2E+07	CHR5:19606278	SSF x LoA	-11,1798079	0,010	0,304
CHR5	2E+07	CHR5:19606354	SSF x LoA	-7,93954997	-0,097	0,307
CHR5	2E+07	CHR5:19606459	SSF x LoA	-10,0831719	-0,036	0,301
CHR5	2E+07	CHR5:19606469	SSF x LoA	-10,3183679	-0,011	0,314
CHR5	1960661	CHR5:1960661	SSF x LoA	-9,50204958	-0,025	0,303
CHR5	1960725	CHR5:1960725	SSF x LoA	-7,56925267	-0,046	0,326
CHR5	2E+07	CHR5:19608782	SSF x LoA	-8,84744708	0,064	0,319
CHR5	2E+07	CHR5:19608845	SSF x LoA	-6,51732532	-0,008	0,315
CHR5	2E+07	CHR5:19608860	SSF x LoA	-9,21956294	-0,061	0,302
CHR5	2E+07	CHR5:19608960	SSF x LoA	-6,01691629	0,159	0,305
CHR5	2E+07	CHR5:19633204	SSF x LoA	-9,92552382	-0,033	0,307
CHR5	2E+07	CHR5:19633217	SSF x LoA	-11,2840576	-0,066	0,303
CHR5	2E+07	CHR5:19633241	SSF x LoA	-10,6388987	0,046	0,313
CHR5	2E+07	CHR5:19634799	SSF x LoA	-10,7674994	0,066	0,303
CHR5	2E+07	CHR5:19635188	SSF x LoA	-8,49088722	0,151	0,302
CHR5	2E+07	CHR5:19635302	SSF x LoA	-8,42490172	0,104	0,306
CHR5	2E+07	CHR5:19637328	SSF x LoA	-5,58634375	-0,158	0,295
CHR5	2E+07	CHR5:19637329	SSF x LoA	-7,73259219	0,074	0,304
CHR5	2E+07	CHR5:19637361	SSF x LoA	-10,8083065	0,024	0,316
CHR5	2E+07	CHR5:19643093	SSF x LoA	-9,56397376	0,098	0,302
CHR5	2E+07	CHR5:19643097	SSF x LoA	-9,08103987	0,026	0,295
CHR5	2E+07	CHR5:19643191	SSF x LoA	-6,6054338	-0,139	0,290
CHR5	2E+07	CHR5:19643220	SSF x LoA	-8,4625563	0,128	0,296
CHR5	2E+07	CHR5:19646285	SSF x LoA	-11,3149152	-0,012	0,315
CHR5	2E+07	CHR5:19646286	SSF x LoA	-10,6744228	-0,011	0,310
CHR5	2E+07	CHR5:19651182	SSF x LoA	-8,16108514	-0,080	0,298
CHR5	2E+07	CHR5:19651194	SSF x LoA	-2,15517628	0,100	0,301
CHR5	2E+07	CHR5:19651209	SSF x LoA	-8,82601972	0,026	0,289
CHR5	2E+07	CHR5:19651283	SSF x LoA	-6,64882977	-0,191	0,287
CHR5	2E+07	CHR5:19663892	SSF x LoA	-10,2234838	0,036	0,296
CHR5	2E+07	CHR5:19663917	SSF x LoA	-10,1907223	0,082	0,306
CHR5	2E+07	CHR5:19664095	SSF x LoA	-10,7927171	0,083	0,303
CHR5	2E+07	CHR5:19664128	SSF x LoA	-10,7814264	0,093	0,303
CHR5	2E+07	CHR5:19664134	SSF x LoA	-11,0987027	0,125	0,297
CHR5	2E+07	CHR5:19664184	SSF x LoA	-7,17646575	0,057	0,306
CHR5	2E+07	CHR5:19667664	SSF x LoA	-10,6738549	-0,032	0,305
CHR5	2E+07	CHR5:19667685	SSF x LoA	-8,88798971	0,046	0,310
CHR5	2E+07	CHR5:19667727	SSF x LoA	-8,05998155	-0,058	0,322
CHR5	2E+07	CHR5:19667753	SSF x LoA	-8,30667022	0,074	0,312
CHR5	2E+07	CHR5:19667795	SSF x LoA	-6,35148296	0,065	0,304
CHR5	2E+07	CHR5:19667802	SSF x LoA	-7,25996724	-0,073	0,309
CHR5	2E+07	CHR5:19676505	SSF x LoA	-3,84192951	-0,227	0,284
CHR5	2E+07	CHR5:19676512	SSF x LoA	-7,84420409	-0,221	0,282
CHR5	2E+07	CHR5:19676558	SSF x LoA	-10,9057155	0,006	0,315
CHR5	2E+07	CHR5:19676584	SSF x LoA	-8,60422063	-0,117	0,305
CHR5	1968248	CHR5:1968248	SSF x LoA	-9,95180541	-0,025	0,303
CHR5	1968279	CHR5:1968279	SSF x LoA	-8,51853393	-0,105	0,307
CHR5	2E+07	CHR5:19684392	SSF x LoA	-6,93567901	-0,042	0,313
CHR5	2E+07	CHR5:19684415	SSF x LoA	-9,56736577	-0,066	0,316
CHR5	2E+07	CHR5:19684448	SSF x LoA	-8,49415047	-0,021	0,313
CHR5	2E+07	CHR5:19684588	SSF x LoA	-12,5404102	0,069	0,297

CHR5	2E+07	CHR5:19684589	SSF x LoA	-10,6550634	0,031	0,317
CHR5	2E+07	CHR5:19684591	SSF x LoA	-11,8680081	-0,009	0,304
CHR5	2E+07	CHR5:19684594	SSF x LoA	-11,8187212	0,026	0,295
CHR5	2E+07	CHR5:19705162	SSF x LoA	-10,038709	0,062	0,310
CHR5	2E+07	CHR5:19705174	SSF x LoA	-11,8650114	-0,039	0,302
CHR5	2E+07	CHR5:19705211	SSF x LoA	-8,66483927	0,064	0,300
CHR5	2E+07	CHR5:19705231	SSF x LoA	-8,70716719	0,070	0,304
CHR5	2E+07	CHR5:19705237	SSF x LoA	-9,6551729	0,002	0,309
CHR5	2E+07	CHR5:19705241	SSF x LoA	-10,7016888	0,043	0,299
CHR5	2E+07	CHR5:19705263	SSF x LoA	-11,3668082	0,038	0,297
CHR5	2E+07	CHR5:19705274	SSF x LoA	-7,28656267	-0,032	0,298
CHR5	2E+07	CHR5:19705296	SSF x LoA	-8,80864135	0,057	0,306
CHR5	2E+07	CHR5:19705298	SSF x LoA	-9,2286057	0,010	0,309
CHR5	2E+07	CHR5:19705310	SSF x LoA	-10,108083	-0,033	0,301
CHR5	2E+07	CHR5:19705343	SSF x LoA	-9,7053898	0,089	0,298
CHR5	1970625	CHR5:1970625	SSF x LoA	-10,8878146	-0,002	0,316
CHR5	1970647	CHR5:1970647	SSF x LoA	-9,94312891	-0,079	0,308
CHR5	1970694	CHR5:1970694	SSF x LoA	-9,97489902	0,093	0,290
CHR5	2E+07	CHR5:19708604	SSF x LoA	-9,75134325	-0,003	0,318
CHR5	2E+07	CHR5:19708607	SSF x LoA	-11,7265072	-0,049	0,306
CHR5	2E+07	CHR5:19711648	SSF x LoA	-10,8144739	0,061	0,303
CHR5	2E+07	CHR5:19712776	SSF x LoA	-10,4934124	0,019	0,298
CHR5	2E+07	CHR5:19712798	SSF x LoA	-11,5495701	0,002	0,303
CHR5	1971420	CHR5:1971420	SSF x LoA	-8,24796174	-0,099	0,290
CHR5	2E+07	CHR5:19717965	SSF x LoA	-3,36976172	0,137	0,313
CHR5	2E+07	CHR5:19718105	SSF x LoA	0,56752787	-0,089	0,296
CHR5	2E+07	CHR5:19718157	SSF x LoA	-10,396749	-0,011	0,310
CHR5	2E+07	CHR5:19721887	SSF x LoA	-3,83890015	-0,165	0,298
CHR5	2E+07	CHR5:19721930	SSF x LoA	-7,28588641	-0,126	0,298
CHR5	2E+07	CHR5:19721996	SSF x LoA	-10,0260822	-0,086	0,306
CHR5	2E+07	CHR5:19721997	SSF x LoA	-9,07330229	-0,045	0,328
CHR5	2E+07	CHR5:19729288	SSF x LoA	-8,25569698	-0,024	0,299
CHR5	2E+07	CHR5:19737643	SSF x LoA	-11,0069367	0,007	0,305
CHR5	2E+07	CHR5:19737679	SSF x LoA	-9,27563488	-0,054	0,306
CHR5	2E+07	CHR5:19737698	SSF x LoA	-9,86826389	0,003	0,314
CHR5	1973955	CHR5:1973955	SSF x LoA	-8,65956548	0,031	0,308
CHR5	2E+07	CHR5:19742088	SSF x LoA	-10,1409919	0,050	0,298
CHR5	2E+07	CHR5:19767545	SSF x LoA	-7,88818191	-0,055	0,293
CHR5	2E+07	CHR5:19767707	SSF x LoA	-10,079773	0,068	0,309
CHR5	2E+07	CHR5:19770058	SSF x LoA	-9,07372192	0,033	0,320
CHR5	2E+07	CHR5:19770065	SSF x LoA	-10,6176834	-0,009	0,303
CHR5	2E+07	CHR5:19770087	SSF x LoA	-7,363129	0,031	0,306
CHR5	2E+07	CHR5:19770135	SSF x LoA	-5,95599104	-0,189	0,301
CHR5	2E+07	CHR5:19770150	SSF x LoA	-8,86203908	-0,074	0,299
CHR5	2E+07	CHR5:19770172	SSF x LoA	-8,4443214	-0,082	0,309
CHR5	2E+07	CHR5:19770211	SSF x LoA	-11,3135863	-0,002	0,298
CHR5	2E+07	CHR5:19770237	SSF x LoA	-9,24342265	-0,041	0,311
CHR5	2E+07	CHR5:19773317	SSF x LoA	-9,23039893	-0,089	0,301
CHR5	2E+07	CHR5:19773321	SSF x LoA	-9,4843565	-0,058	0,294
CHR5	2E+07	CHR5:19777188	SSF x LoA	-8,90940147	-0,118	0,294
CHR5	2E+07	CHR5:19777211	SSF x LoA	-8,17947181	0,086	0,311
CHR5	2E+07	CHR5:19777386	SSF x LoA	-7,06042332	0,034	0,301
CHR5	2E+07	CHR5:19777387	SSF x LoA	-9,5674602	0,086	0,305

CHR5	2E+07	CHR5:19779776	SSF x LoA	-8,99401814	0,000	0,318
CHR5	2E+07	CHR5:19779849	SSF x LoA	-8,4159875	-0,069	0,305
CHR5	2E+07	CHR5:19779892	SSF x LoA	-10,2715792	-0,104	0,298
CHR5	2E+07	CHR5:19779903	SSF x LoA	-3,0152729	0,062	0,303
CHR5	2E+07	CHR5:19784118	SSF x LoA	-10,9803467	0,068	0,304
CHR5	2E+07	CHR5:19784203	SSF x LoA	-11,5056444	0,021	0,305
CHR5	2E+07	CHR5:19785177	SSF x LoA	-10,7520931	-0,023	0,314
CHR5	2E+07	CHR5:19785346	SSF x LoA	-11,1532852	0,030	0,310
CHR5	2E+07	CHR5:19789073	SSF x LoA	-11,3309396	-0,049	0,322
CHR5	2E+07	CHR5:19789074	SSF x LoA	-11,3153475	-0,059	0,308
CHR5	2E+07	CHR5:19789081	SSF x LoA	-8,97240268	0,005	0,306
CHR5	2E+07	CHR5:19789124	SSF x LoA	-9,80649153	0,123	0,305
CHR5	2E+07	CHR5:19789164	SSF x LoA	-11,8112166	-0,039	0,308
CHR5	1979031	CHR5:1979031	SSF x LoA	-9,07991608	-0,067	0,307
CHR5	2E+07	CHR5:19790380	SSF x LoA	-10,0812225	-0,016	0,308
CHR5	2E+07	CHR5:19790412	SSF x LoA	-7,8191018	-0,112	0,303
CHR5	1979072	CHR5:1979072	SSF x LoA	-7,79241017	0,110	0,289
CHR5	1979075	CHR5:1979075	SSF x LoA	-7,88954626	-0,080	0,318
CHR5	1979159	CHR5:1979159	SSF x LoA	-11,3404525	0,078	0,298
CHR5	2E+07	CHR5:19802517	SSF x LoA	-9,84542773	-0,021	0,303
CHR5	2E+07	CHR5:19802521	SSF x LoA	-7,02396477	-0,161	0,298
CHR5	2E+07	CHR5:19802545	SSF x LoA	-6,80736836	0,072	0,299
CHR5	2E+07	CHR5:19802565	SSF x LoA	-7,89684927	0,041	0,310
CHR5	1980506	CHR5:1980506	SSF x LoA	-6,68820237	0,041	0,305
CHR5	1980581	CHR5:1980581	SSF x LoA	-9,72425703	-0,043	0,308
CHR5	1980648	CHR5:1980648	SSF x LoA	-6,88048417	0,050	0,307
CHR5	1980653	CHR5:1980653	SSF x LoA	-8,64401899	0,068	0,303
CHR5	1980656	CHR5:1980656	SSF x LoA	-9,47402296	0,042	0,298
CHR5	2E+07	CHR5:19808944	SSF x LoA	-9,40079815	0,095	0,313
CHR5	2E+07	CHR5:19808980	SSF x LoA	-10,8695671	0,065	0,308
CHR5	2E+07	CHR5:19809123	SSF x LoA	-10,1169276	0,091	0,319
CHR5	2E+07	CHR5:19812836	SSF x LoA	-11,6782135	-0,037	0,304
CHR5	2E+07	CHR5:19812982	SSF x LoA	-11,3657798	-0,100	0,306
CHR5	2E+07	CHR5:19813069	SSF x LoA	-12,3105711	-0,058	0,300
CHR5	2E+07	CHR5:19814299	SSF x LoA	-9,02104799	0,093	0,290
CHR5	2E+07	CHR5:19814325	SSF x LoA	-2,08329545	0,252	0,282
CHR5	2E+07	CHR5:19814359	SSF x LoA	-9,20102667	-0,003	0,307
CHR5	2E+07	CHR5:19814405	SSF x LoA	-7,89342008	-0,045	0,312
CHR5	2E+07	CHR5:19814423	SSF x LoA	-7,30670455	0,118	0,308
CHR5	2E+07	CHR5:19814492	SSF x LoA	-10,9684092	0,051	0,298
CHR5	2E+07	CHR5:19814536	SSF x LoA	-4,83338005	0,050	0,306
CHR5	2E+07	CHR5:19816192	SSF x LoA	-9,13391385	-0,166	0,286
CHR5	2E+07	CHR5:19823328	SSF x LoA	-9,28299034	-0,097	0,299
CHR5	2E+07	CHR5:19826137	SSF x LoA	-8,63729797	-0,108	0,311
CHR5	2E+07	CHR5:19826145	SSF x LoA	-10,2659969	-0,052	0,297
CHR5	2E+07	CHR5:19826173	SSF x LoA	-11,0788561	0,051	0,301
CHR5	2E+07	CHR5:19826191	SSF x LoA	-9,2566002	-0,047	0,322
CHR5	2E+07	CHR5:19826227	SSF x LoA	-11,7976012	-0,103	0,301
CHR5	2E+07	CHR5:19826561	SSF x LoA	-6,8317163	0,002	0,302
CHR5	2E+07	CHR5:19827603	SSF x LoA	-12,2897097	0,034	0,292
CHR5	2E+07	CHR5:19827616	SSF x LoA	-10,3142239	0,068	0,305
CHR5	2E+07	CHR5:19827814	SSF x LoA	-10,0329592	0,138	0,303
CHR5	2E+07	CHR5:19835074	SSF x LoA	-10,9746256	0,006	0,317

CHR5	2E+07	CHR5:19835950	SSF x LoA	-10,2317994	0,093	0,305
CHR5	2E+07	CHR5:19835980	SSF x LoA	-11,1447679	0,072	0,291
CHR5	2E+07	CHR5:19839901	SSF x LoA	-10,0714906	-0,013	0,313
CHR5	2E+07	CHR5:19839903	SSF x LoA	-9,15989851	0,007	0,306
CHR5	2E+07	CHR5:19839961	SSF x LoA	-9,92596135	-0,051	0,323
CHR5	2E+07	CHR5:19840012	SSF x LoA	-7,8547658	-0,124	0,305
CHR5	2E+07	CHR5:19840084	SSF x LoA	-9,12243652	-0,011	0,294
CHR5	2E+07	CHR5:19840087	SSF x LoA	-10,0832677	0,075	0,312
CHR5	2E+07	CHR5:19840101	SSF x LoA	-9,57923906	-0,061	0,309
CHR5	2E+07	CHR5:19840113	SSF x LoA	-8,3145955	0,158	0,295
CHR5	2E+07	CHR5:19843611	SSF x LoA	-10,6174035	-0,045	0,306
CHR5	2E+07	CHR5:19851641	SSF x LoA	-5,31186061	0,216	0,293
CHR5	2E+07	CHR5:19851833	SSF x LoA	-10,1669707	-0,019	0,310
CHR5	2E+07	CHR5:19851836	SSF x LoA	-8,21509567	0,133	0,304
CHR5	2E+07	CHR5:19855931	SSF x LoA	-9,73404963	-0,096	0,306
CHR5	2E+07	CHR5:19855957	SSF x LoA	-7,46306844	0,064	0,322
CHR5	2E+07	CHR5:19855995	SSF x LoA	-10,4247429	-0,100	0,309
CHR5	2E+07	CHR5:19856013	SSF x LoA	-7,20784711	0,165	0,298
CHR5	2E+07	CHR5:19856024	SSF x LoA	-9,9298112	0,063	0,317
CHR5	2E+07	CHR5:19861725	SSF x LoA	-10,8322563	0,018	0,308
CHR5	2E+07	CHR5:19861744	SSF x LoA	-6,96820053	0,091	0,293
CHR5	2E+07	CHR5:19861762	SSF x LoA	-10,2786597	-0,007	0,305
CHR5	2E+07	CHR5:19861791	SSF x LoA	-9,13238187	0,033	0,300
CHR5	2E+07	CHR5:19861799	SSF x LoA	-8,98741597	-0,085	0,303
CHR5	2E+07	CHR5:19861801	SSF x LoA	-9,29020134	0,127	0,294
CHR5	2E+07	CHR5:19861918	SSF x LoA	-9,44043846	-0,006	0,311
CHR5	2E+07	CHR5:19871049	SSF x LoA	-12,1571501	0,056	0,305
CHR5	2E+07	CHR5:19875739	SSF x LoA	-4,5671682	-0,179	0,304
CHR5	2E+07	CHR5:19875753	SSF x LoA	-9,15275905	-0,081	0,311
CHR5	2E+07	CHR5:19875846	SSF x LoA	-9,96710843	-0,020	0,302
CHR5	2E+07	CHR5:19875877	SSF x LoA	-10,5632678	0,062	0,308
CHR5	2E+07	CHR5:19875944	SSF x LoA	-10,8991884	0,107	0,311
CHR5	2E+07	CHR5:19875971	SSF x LoA	-9,26639798	-0,108	0,306
CHR5	2E+07	CHR5:19875996	SSF x LoA	-11,5673422	-0,053	0,310
CHR5	2E+07	CHR5:19875998	SSF x LoA	-9,62627349	0,144	0,305
CHR5	2E+07	CHR5:19878046	SSF x LoA	-10,0846185	0,061	0,306
CHR5	2E+07	CHR5:19878059	SSF x LoA	-9,52595848	-0,072	0,303
CHR5	2E+07	CHR5:19878084	SSF x LoA	-9,84296092	-0,106	0,304
CHR5	2E+07	CHR5:19878256	SSF x LoA	-8,58418802	-0,005	0,307
CHR5	2E+07	CHR5:19878266	SSF x LoA	-10,6243228	0,038	0,304
CHR5	2E+07	CHR5:19887618	SSF x LoA	-10,2773417	0,064	0,299
CHR5	2E+07	CHR5:19887625	SSF x LoA	-8,35592429	-0,101	0,298
CHR5	2E+07	CHR5:19887664	SSF x LoA	-5,11567687	0,185	0,281
CHR5	2E+07	CHR5:19887669	SSF x LoA	-10,5456484	-0,032	0,301
CHR5	2E+07	CHR5:19887716	SSF x LoA	-1,94348214	-0,022	0,296
CHR5	2E+07	CHR5:19889156	SSF x LoA	-10,8166564	-0,036	0,302
CHR5	2E+07	CHR5:19889190	SSF x LoA	-10,639459	0,038	0,295
CHR5	2E+07	CHR5:19889212	SSF x LoA	-11,4010012	0,027	0,313
CHR5	2E+07	CHR5:19889253	SSF x LoA	-11,2957394	-0,047	0,307
CHR5	2E+07	CHR5:19889362	SSF x LoA	-10,953507	-0,051	0,309
CHR5	2E+07	CHR5:19894086	SSF x LoA	-9,95974543	-0,017	0,306
CHR5	2E+07	CHR5:19894149	SSF x LoA	-8,61730412	-0,019	0,299
CHR5	2E+07	CHR5:19894162	SSF x LoA	-10,7426113	0,102	0,298

CHR5	2E+07	CHR5:19894257	SSF x LoA	-11,0278705	-0,014	0,300
CHR5	2E+07	CHR5:19896936	SSF x LoA	-9,91317868	0,021	0,306
CHR5	2E+07	CHR5:19896942	SSF x LoA	-8,89218703	0,130	0,310
CHR5	2E+07	CHR5:19896987	SSF x LoA	-6,759614	0,028	0,298
CHR5	2E+07	CHR5:19897066	SSF x LoA	-12,3509432	-0,004	0,301
CHR5	2E+07	CHR5:19911485	SSF x LoA	-9,20217032	-0,016	0,310
CHR5	2E+07	CHR5:19911491	SSF x LoA	-10,2392819	0,005	0,299
CHR5	2E+07	CHR5:19911492	SSF x LoA	-8,98344023	-0,028	0,295
CHR5	2E+07	CHR5:19911523	SSF x LoA	-9,59716728	-0,088	0,292
CHR5	2E+07	CHR5:19911526	SSF x LoA	-11,6464004	0,065	0,307
CHR5	2E+07	CHR5:19911536	SSF x LoA	-9,78877442	-0,029	0,298
CHR5	2E+07	CHR5:19921966	SSF x LoA	-7,64277018	0,027	0,308
CHR5	2E+07	CHR5:19928760	SSF x LoA	-8,86642004	-0,118	0,302
CHR5	2E+07	CHR5:19929855	SSF x LoA	-10,0661907	0,013	0,300
CHR5	2E+07	CHR5:19929917	SSF x LoA	-11,7198635	-0,055	0,310
CHR5	2E+07	CHR5:19929921	SSF x LoA	-10,9500307	-0,059	0,314
CHR5	2E+07	CHR5:19932984	SSF x LoA	-7,10785514	0,005	0,310
CHR5	2E+07	CHR5:19933176	SSF x LoA	-9,56652595	0,021	0,324
CHR5	2E+07	CHR5:19933258	SSF x LoA	-10,1203074	0,077	0,312
CHR5	2E+07	CHR5:19944668	SSF x LoA	-6,3151341	0,041	0,303
CHR5	2E+07	CHR5:19944698	SSF x LoA	-8,3177567	0,028	0,301
CHR5	2E+07	CHR5:19958275	SSF x LoA	-3,95609512	0,191	0,298
CHR5	1999041	CHR5:1999041	SSF x LoA	-10,0259094	0,038	0,309
CHR5	2E+07	CHR5:19996378	SSF x LoA	-9,70173088	0,067	0,311
CHR5	2E+07	CHR5:19996397	SSF x LoA	-8,20653225	-0,011	0,302
CHR5	2E+07	CHR5:19997708	SSF x LoA	-7,76833301	-0,014	0,310
CHR5	2E+07	CHR5:19997717	SSF x LoA	-10,4595583	0,080	0,304
CHR5	2E+07	CHR5:19997719	SSF x LoA	-10,6363967	0,026	0,304
CHR5	2E+07	CHR5:20005893	SSF x LoA	-9,70419759	-0,056	0,317
CHR5	2E+07	CHR5:20005952	SSF x LoA	-8,86393379	0,046	0,309
CHR5	2E+07	CHR5:20006220	SSF x LoA	3,27453448	0,149	0,315
CHR5	2E+07	CHR5:20006255	SSF x LoA	-9,85517361	0,104	0,300
CHR5	2E+07	CHR5:20012596	SSF x LoA	-9,56146977	-0,063	0,315
CHR5	2E+07	CHR5:20013107	SSF x LoA	-10,8099958	-0,011	0,311
CHR5	2E+07	CHR5:20013113	SSF x LoA	-11,6277857	-0,041	0,312
CHR5	2E+07	CHR5:20014209	SSF x LoA	-10,326397	-0,096	0,313
CHR5	2E+07	CHR5:20014340	SSF x LoA	-7,47528963	-0,064	0,299
CHR5	2001642	CHR5:2001642	SSF x LoA	-8,7611049	0,033	0,298
CHR5	2001652	CHR5:2001652	SSF x LoA	-6,81114349	0,023	0,297
CHR5	2001725	CHR5:2001725	SSF x LoA	-7,22365171	0,214	0,288
CHR5	2E+07	CHR5:20029489	SSF x LoA	-9,16217994	-0,023	0,311
CHR5	2E+07	CHR5:20029643	SSF x LoA	-6,64817222	-0,117	0,320
CHR5	2E+07	CHR5:20029656	SSF x LoA	-9,24807517	-0,022	0,287
CHR5	2E+07	CHR5:20029660	SSF x LoA	-12,2904573	0,031	0,298
CHR5	2E+07	CHR5:20029773	SSF x LoA	-7,58093171	-0,080	0,310
CHR5	2003712	CHR5:2003712	SSF x LoA	-8,9261532	0,003	0,308
CHR5	2E+07	CHR5:20038823	SSF x LoA	-10,8026646	-0,066	0,305
CHR5	2E+07	CHR5:20038887	SSF x LoA	-10,3659387	0,056	0,310
CHR5	2E+07	CHR5:20041561	SSF x LoA	-2,80240175	0,123	0,294
CHR5	2E+07	CHR5:20041609	SSF x LoA	-5,24025803	0,078	0,304
CHR5	2E+07	CHR5:20041676	SSF x LoA	-11,6209315	0,034	0,306
CHR5	2E+07	CHR5:20041709	SSF x LoA	-9,10300087	-0,048	0,308
CHR5	2E+07	CHR5:20041710	SSF x LoA	-9,28971118	-0,042	0,312

CHR5	2E+07	CHR5:20055616	SSF x LoA	-11,0100168	-0,011	0,302
CHR5	2E+07	CHR5:20055752	SSF x LoA	-7,30719108	-0,027	0,323
CHR5	2E+07	CHR5:20055784	SSF x LoA	-4,84743388	-0,142	0,303
CHR5	2E+07	CHR5:20055823	SSF x LoA	-8,7785312	-0,022	0,300
CHR5	2E+07	CHR5:20055824	SSF x LoA	-7,74492109	-0,011	0,307
CHR5	2E+07	CHR5:20060523	SSF x LoA	-10,9674975	0,045	0,315
CHR5	2006504	CHR5:2006504	SSF x LoA	-8,45635266	0,026	0,329
CHR5	2006545	CHR5:2006545	SSF x LoA	-7,3276988	-0,058	0,327
CHR5	2E+07	CHR5:20078051	SSF x LoA	-9,0938994	-0,032	0,313
CHR5	2E+07	CHR5:20078124	SSF x LoA	6,08879757	-0,048	0,318
CHR5	2E+07	CHR5:20078175	SSF x LoA	-9,38363843	-0,007	0,308
CHR5	2E+07	CHR5:20078237	SSF x LoA	-8,77071472	-0,092	0,314
CHR5	2E+07	CHR5:20083829	SSF x LoA	-7,97076242	-0,111	0,296
CHR5	2E+07	CHR5:20083990	SSF x LoA	-9,50443521	-0,079	0,311
CHR5	2E+07	CHR5:20084065	SSF x LoA	-9,31705486	-0,095	0,315
CHR5	2E+07	CHR5:20094563	SSF x LoA	-9,16616333	0,016	0,306
CHR5	2E+07	CHR5:20094589	SSF x LoA	-7,48199078	-0,066	0,315
CHR5	2E+07	CHR5:20094736	SSF x LoA	-8,96645431	0,062	0,308
CHR5	2E+07	CHR5:20094739	SSF x LoA	-3,0104774	0,051	0,299
CHR5	2E+07	CHR5:20099989	SSF x LoA	-7,64076588	0,065	0,298
CHR5	2E+07	CHR5:20100026	SSF x LoA	-9,51614284	0,011	0,295
CHR5	2E+07	CHR5:20100899	SSF x LoA	-6,32478725	-0,083	0,307
CHR5	2E+07	CHR5:20116576	SSF x LoA	-10,3235385	-0,070	0,302
CHR5	2E+07	CHR5:20116812	SSF x LoA	-11,9107614	0,016	0,296
CHR5	2E+07	CHR5:20124504	SSF x LoA	-8,98758277	-0,003	0,304
CHR5	2E+07	CHR5:20124515	SSF x LoA	-10,4621696	-0,003	0,306
CHR5	2E+07	CHR5:20125424	SSF x LoA	-9,29554836	-0,009	0,308
CHR5	2E+07	CHR5:20131054	SSF x LoA	-8,57965084	0,051	0,308
CHR5	2E+07	CHR5:20131069	SSF x LoA	-6,47282359	-0,062	0,296
CHR5	2E+07	CHR5:20131122	SSF x LoA	-9,84235535	0,053	0,307
CHR5	2E+07	CHR5:20131136	SSF x LoA	-12,0601761	0,014	0,308
CHR5	2E+07	CHR5:20131198	SSF x LoA	-8,16357722	0,014	0,311
CHR5	2E+07	CHR5:20133648	SSF x LoA	-10,4660944	0,072	0,294
CHR5	2E+07	CHR5:20133749	SSF x LoA	-8,5159636	0,093	0,310
CHR5	2E+07	CHR5:20139092	SSF x LoA	-9,44761238	0,118	0,308
CHR5	2E+07	CHR5:20139135	SSF x LoA	-11,1937923	-0,052	0,309
CHR5	2E+07	CHR5:20139194	SSF x LoA	-9,89303215	-0,099	0,315
CHR5	2E+07	CHR5:20139223	SSF x LoA	-9,74566751	-0,101	0,320
CHR5	2E+07	CHR5:20139233	SSF x LoA	-8,83984093	-0,020	0,298
CHR5	2E+07	CHR5:20159546	SSF x LoA	-9,24544007	-0,053	0,298
CHR5	2E+07	CHR5:20159624	SSF x LoA	-11,6514211	0,023	0,308
CHR5	2E+07	CHR5:20159641	SSF x LoA	-8,93473048	0,122	0,299
CHR5	2E+07	CHR5:20159651	SSF x LoA	-11,6288908	-0,077	0,294
CHR5	2E+07	CHR5:20167385	SSF x LoA	-0,52899081	0,021	0,303
CHR5	2E+07	CHR5:20167477	SSF x LoA	-5,7354786	0,021	0,299
CHR5	2E+07	CHR5:20167525	SSF x LoA	-5,9125723	-0,045	0,311
CHR5	2E+07	CHR5:20175642	SSF x LoA	-10,3207739	0,019	0,311
CHR5	2E+07	CHR5:20175674	SSF x LoA	-8,30808805	-0,177	0,302
CHR5	2E+07	CHR5:20179082	SSF x LoA	-9,60461795	0,032	0,308
CHR5	2E+07	CHR5:20179091	SSF x LoA	-6,75977185	0,016	0,318
CHR5	2E+07	CHR5:20179233	SSF x LoA	-8,29271367	-0,035	0,309
CHR5	2E+07	CHR5:20184822	SSF x LoA	-10,277068	-0,016	0,315
CHR5	2E+07	CHR5:20207468	SSF x LoA	-6,89080339	-0,207	0,294

CHR5	2E+07	CHR5:20207536	SSF x LoA	-8,92172207	-0,006	0,312
CHR5	2E+07	CHR5:20207644	SSF x LoA	-8,52129497	-0,094	0,298
CHR5	2E+07	CHR5:20207670	SSF x LoA	-11,5485253	0,075	0,308
CHR5	2E+07	CHR5:20207672	SSF x LoA	-10,1605946	0,085	0,298
CHR5	2E+07	CHR5:20207676	SSF x LoA	-11,5774409	-0,047	0,297
CHR5	2021772	CHR5:2021772	SSF x LoA	-10,5272314	0,047	0,314
CHR5	2021775	CHR5:2021775	SSF x LoA	-9,38245751	0,033	0,298
CHR5	2021844	CHR5:2021844	SSF x LoA	-10,5958237	-0,021	0,313
CHR5	2E+07	CHR5:20227825	SSF x LoA	-7,32917259	-0,093	0,309
CHR5	2E+07	CHR5:20230289	SSF x LoA	-10,6714356	-0,048	0,302
CHR5	2E+07	CHR5:20230356	SSF x LoA	-10,9887646	-0,038	0,300
CHR5	2E+07	CHR5:20231358	SSF x LoA	-12,1399764	-0,023	0,315
CHR5	2E+07	CHR5:20232685	SSF x LoA	-11,1586338	-0,045	0,313
CHR5	2E+07	CHR5:20232763	SSF x LoA	-10,1621079	-0,092	0,296
CHR5	2E+07	CHR5:20234126	SSF x LoA	-9,81932746	-0,006	0,308
CHR5	2E+07	CHR5:20244011	SSF x LoA	-8,42636166	0,129	0,314
CHR5	2E+07	CHR5:20254402	SSF x LoA	-9,16804071	-0,059	0,310
CHR5	2E+07	CHR5:20254479	SSF x LoA	-9,50002559	-0,062	0,307
CHR5	2E+07	CHR5:20254573	SSF x LoA	-12,0533767	-0,067	0,305
CHR5	2E+07	CHR5:20254589	SSF x LoA	-9,30049667	-0,094	0,311
CHR5	2E+07	CHR5:20254601	SSF x LoA	-7,79145179	0,114	0,298
CHR5	2E+07	CHR5:20254602	SSF x LoA	-10,6068101	0,058	0,308
CHR5	2E+07	CHR5:20254620	SSF x LoA	-7,36574894	0,108	0,313
CHR5	2E+07	CHR5:20263964	SSF x LoA	-12,2173638	0,046	0,292
CHR5	2E+07	CHR5:20264057	SSF x LoA	-7,40674193	-0,033	0,309
CHR5	2E+07	CHR5:20264062	SSF x LoA	-10,3065927	0,063	0,306
CHR5	2E+07	CHR5:20265199	SSF x LoA	-10,6291765	-0,095	0,300
CHR5	2E+07	CHR5:20265200	SSF x LoA	-11,3533166	-0,117	0,288
CHR5	2E+07	CHR5:20265202	SSF x LoA	-10,1382631	-0,124	0,297
CHR5	2E+07	CHR5:20276737	SSF x LoA	-5,25523091	0,130	0,309
CHR5	2E+07	CHR5:20276925	SSF x LoA	-5,47934728	0,189	0,296
CHR5	2E+07	CHR5:20276932	SSF x LoA	-7,70004469	-0,099	0,308
CHR5	2E+07	CHR5:20276953	SSF x LoA	-9,99632639	0,108	0,308
CHR5	2E+07	CHR5:20276958	SSF x LoA	-8,07679615	-0,129	0,296
CHR5	2E+07	CHR5:20300898	SSF x LoA	-11,1918562	0,033	0,311
CHR5	2E+07	CHR5:20306972	SSF x LoA	-8,23532668	0,103	0,295
CHR5	2E+07	CHR5:20306980	SSF x LoA	-8,20692717	0,117	0,305
CHR5	2E+07	CHR5:20310072	SSF x LoA	-7,39617417	-0,197	0,292
CHR5	2E+07	CHR5:20310225	SSF x LoA	-8,75582145	0,024	0,309
CHR5	2E+07	CHR5:20319070	SSF x LoA	-10,3164648	-0,111	0,301
CHR5	2E+07	CHR5:20319147	SSF x LoA	-10,8493483	0,029	0,301
CHR5	2E+07	CHR5:20319290	SSF x LoA	-9,7844086	-0,065	0,305
CHR5	2E+07	CHR5:20319348	SSF x LoA	-7,99272127	-0,154	0,303
CHR5	2E+07	CHR5:20326692	SSF x LoA	-11,4375402	0,001	0,315
CHR5	2E+07	CHR5:20326700	SSF x LoA	-8,62475973	0,007	0,307
CHR5	2E+07	CHR5:20326792	SSF x LoA	-7,17667641	-0,015	0,303
CHR5	2E+07	CHR5:20334513	SSF x LoA	-8,87274649	0,028	0,323
CHR5	2E+07	CHR5:20334517	SSF x LoA	-10,9697601	0,004	0,316
CHR5	2E+07	CHR5:20334550	SSF x LoA	-11,2635328	-0,036	0,303
CHR5	2E+07	CHR5:20334576	SSF x LoA	-9,29131871	0,005	0,316
CHR5	2E+07	CHR5:20334579	SSF x LoA	-6,79310768	0,122	0,302
CHR5	2E+07	CHR5:20334822	SSF x LoA	-12,4927202	-0,002	0,299
CHR5	2E+07	CHR5:20334843	SSF x LoA	-10,1029927	0,033	0,306

CHR5	2E+07	CHR5:20339678	SSF x LoA	-11,8504164	0,068	0,292
CHR5	2E+07	CHR5:20340000	SSF x LoA	-8,19282335	0,089	0,315
CHR5	2E+07	CHR5:20349880	SSF x LoA	-11,5016939	0,041	0,307
CHR5	2E+07	CHR5:20368639	SSF x LoA	-6,17997198	0,167	0,295
CHR5	2E+07	CHR5:20369789	SSF x LoA	-8,91509113	0,041	0,311
CHR5	2E+07	CHR5:20369808	SSF x LoA	-8,08303678	0,006	0,309
CHR5	2E+07	CHR5:20369842	SSF x LoA	-9,33193336	-0,147	0,304
CHR5	2039433	CHR5:2039433	SSF x LoA	-2,08543411	-0,125	0,318
CHR5	2039634	CHR5:2039634	SSF x LoA	-11,4738898	0,064	0,302
CHR5	2E+07	CHR5:20447072	SSF x LoA	-10,3445601	0,013	0,315
CHR5	2E+07	CHR5:20448936	SSF x LoA	-1,45091114	-0,114	0,302
CHR5	2E+07	CHR5:20448938	SSF x LoA	-7,46670412	0,122	0,311
CHR5	2E+07	CHR5:20448946	SSF x LoA	-10,1859789	0,001	0,318
CHR5	2E+07	CHR5:20449019	SSF x LoA	-4,13761928	0,124	0,300
CHR5	2E+07	CHR5:20450148	SSF x LoA	-9,35329095	-0,039	0,305
CHR5	2E+07	CHR5:20450158	SSF x LoA	-10,7797486	-0,064	0,297
CHR5	2E+07	CHR5:20450159	SSF x LoA	-10,2483431	-0,087	0,306
CHR5	2E+07	CHR5:20450174	SSF x LoA	-11,0250866	-0,050	0,299
CHR5	2E+07	CHR5:20450176	SSF x LoA	-10,9687875	-0,065	0,303
CHR5	2E+07	CHR5:20450186	SSF x LoA	-5,42855553	0,073	0,311
CHR5	2E+07	CHR5:20450204	SSF x LoA	-8,07457508	-0,060	0,294
CHR5	2E+07	CHR5:20450207	SSF x LoA	-10,2738745	-0,055	0,298
CHR5	2E+07	CHR5:20450221	SSF x LoA	-11,8379597	-0,013	0,307
CHR5	2E+07	CHR5:20450235	SSF x LoA	-11,7130168	-0,011	0,307
CHR5	2E+07	CHR5:20450239	SSF x LoA	-10,6003276	-0,024	0,313
CHR5	2E+07	CHR5:20450241	SSF x LoA	-11,3102211	-0,020	0,312
CHR5	2E+07	CHR5:20450247	SSF x LoA	-10,3677341	-0,022	0,301
CHR5	2E+07	CHR5:20450248	SSF x LoA	-12,1657954	-0,009	0,302
CHR5	2E+07	CHR5:20450251	SSF x LoA	-9,1174632	-0,066	0,306
CHR5	2E+07	CHR5:20450271	SSF x LoA	-11,1955204	-0,035	0,297
CHR5	2E+07	CHR5:20450277	SSF x LoA	-11,7897959	-0,031	0,306
CHR5	2E+07	CHR5:20454618	SSF x LoA	-8,52663211	0,076	0,299
CHR5	2E+07	CHR5:20454619	SSF x LoA	-10,3994553	0,025	0,312
CHR5	2E+07	CHR5:20454622	SSF x LoA	-10,3802027	0,018	0,306
CHR5	2E+07	CHR5:20457630	SSF x LoA	-9,14736056	-0,022	0,298
CHR5	2E+07	CHR5:20457671	SSF x LoA	-9,07689482	0,094	0,295
CHR5	2E+07	CHR5:20457771	SSF x LoA	-6,60002769	-0,133	0,296
CHR5	2E+07	CHR5:20457792	SSF x LoA	-7,23061276	-0,119	0,298
CHR5	2E+07	CHR5:20457807	SSF x LoA	-9,46108568	-0,067	0,306
CHR5	2E+07	CHR5:20457842	SSF x LoA	-9,53982149	-0,117	0,304
CHR5	2046333	CHR5:2046333	SSF x LoA	-10,2064295	0,011	0,297
CHR5	2046431	CHR5:2046431	SSF x LoA	-9,54976531	-0,041	0,316
CHR5	2046554	CHR5:2046554	SSF x LoA	-9,84845689	-0,056	0,308
CHR5	2E+07	CHR5:20469718	SSF x LoA	-8,88454225	0,108	0,309
CHR5	2E+07	CHR5:20472280	SSF x LoA	-11,8702574	0,067	0,312
CHR5	2E+07	CHR5:20487110	SSF x LoA	-5,86312069	-0,149	0,296
CHR5	2E+07	CHR5:20487187	SSF x LoA	-10,1543455	-0,058	0,310
CHR5	2E+07	CHR5:20487192	SSF x LoA	-8,89209124	-0,039	0,305
CHR5	2E+07	CHR5:20487229	SSF x LoA	-9,52772199	0,019	0,294
CHR5	2E+07	CHR5:20487269	SSF x LoA	-8,36449567	0,060	0,317
CHR5	2E+07	CHR5:20487311	SSF x LoA	-9,90033346	-0,013	0,304
CHR5	2E+07	CHR5:20487332	SSF x LoA	-6,81583683	-0,138	0,306
CHR5	20522426	CHR5:20522426	SSF x LoA	-9,54980894	0,058	0,297

CHR5	20523740	CHR5:20523740	SSF x LoA	-9,76084869	-0,035	0,301
CHR5	20523816	CHR5:20523816	SSF x LoA	-9,47592392	0,068	0,302
CHR5	20523930	CHR5:20523930	SSF x LoA	-10,0882438	-0,066	0,282
CHR5	20523940	CHR5:20523940	SSF x LoA	-8,36995507	-0,063	0,334
CHR5	20530333	CHR5:20530333	SSF x LoA	-9,93153798	-0,021	0,299
CHR5	20530436	CHR5:20530436	SSF x LoA	-8,04186954	0,052	0,294
CHR5	20530471	CHR5:20530471	SSF x LoA	-7,67605921	-0,005	0,298
CHR5	20530508	CHR5:20530508	SSF x LoA	-6,39160246	-0,004	0,296
CHR5	2053885	CHR5:2053885	SSF x LoA	-8,70190288	0,129	0,297
CHR5	2053887	CHR5:2053887	SSF x LoA	-9,31719439	0,080	0,307
CHR5	20555472	CHR5:20555472	SSF x LoA	-8,73706338	-0,011	0,308
CHR5	20555518	CHR5:20555518	SSF x LoA	-12,3073922	-0,011	0,315
CHR5	20555537	CHR5:20555537	SSF x LoA	-10,0850215	-0,024	0,319
CHR5	20555547	CHR5:20555547	SSF x LoA	-7,09222792	-0,095	0,305
CHR5	20555591	CHR5:20555591	SSF x LoA	-9,50045097	-0,040	0,303
CHR5	20555609	CHR5:20555609	SSF x LoA	-10,9675849	0,024	0,306
CHR5	20555632	CHR5:20555632	SSF x LoA	-10,6211979	-0,019	0,319
CHR5	20560488	CHR5:20560488	SSF x LoA	-10,2114122	0,092	0,300
CHR5	20560520	CHR5:20560520	SSF x LoA	-5,86793392	0,095	0,306
CHR5	20560521	CHR5:20560521	SSF x LoA	-10,2575803	0,103	0,307
CHR5	20560536	CHR5:20560536	SSF x LoA	-10,3189395	-0,021	0,312
CHR5	20563092	CHR5:20563092	SSF x LoA	-9,7411801	0,050	0,295
CHR5	20570384	CHR5:20570384	SSF x LoA	-8,8875573	0,025	0,308
CHR5	20572221	CHR5:20572221	SSF x LoA	-7,72988861	-0,003	0,322
CHR5	20572247	CHR5:20572247	SSF x LoA	-8,08757127	0,065	0,313
CHR5	20572251	CHR5:20572251	SSF x LoA	-6,36240385	0,065	0,303
CHR5	20575254	CHR5:20575254	SSF x LoA	-10,0462872	-0,077	0,307
CHR5	20575280	CHR5:20575280	SSF x LoA	-2,18491971	-0,074	0,290
CHR5	20581260	CHR5:20581260	SSF x LoA	-9,69146435	-0,056	0,310
CHR5	20585222	CHR5:20585222	SSF x LoA	-9,77140866	-0,073	0,305
CHR5	20585256	CHR5:20585256	SSF x LoA	-11,5389231	-0,037	0,302
CHR5	20585283	CHR5:20585283	SSF x LoA	-9,7393539	-0,052	0,309
CHR5	20585346	CHR5:20585346	SSF x LoA	-9,85202409	-0,070	0,311
CHR5	20591433	CHR5:20591433	SSF x LoA	-8,60689383	0,007	0,315
CHR5	20596477	CHR5:20596477	SSF x LoA	-9,78564072	0,098	0,296
CHR5	20610794	CHR5:20610794	SSF x LoA	-8,94582643	0,065	0,323
CHR5	20611057	CHR5:20611057	SSF x LoA	-10,6139839	-0,067	0,292
CHR5	20624966	CHR5:20624966	SSF x LoA	-9,82356508	0,127	0,303
CHR5	20625113	CHR5:20625113	SSF x LoA	-8,58343166	0,041	0,308
CHR5	20635396	CHR5:20635396	SSF x LoA	-10,5772589	-0,045	0,292
CHR5	20635443	CHR5:20635443	SSF x LoA	-9,93541881	0,056	0,322
CHR5	20635453	CHR5:20635453	SSF x LoA	-9,73660201	-0,047	0,315
CHR5	20635463	CHR5:20635463	SSF x LoA	-8,63939884	-0,102	0,315
CHR5	20635493	CHR5:20635493	SSF x LoA	-11,2269955	0,004	0,298
CHR5	20635508	CHR5:20635508	SSF x LoA	-10,1672466	-0,095	0,294
CHR5	20635516	CHR5:20635516	SSF x LoA	-9,72982521	-0,094	0,309
CHR5	20635544	CHR5:20635544	SSF x LoA	-8,10201481	0,092	0,301
CHR5	20639647	CHR5:20639647	SSF x LoA	-11,2076374	-0,075	0,317
CHR5	20640993	CHR5:20640993	SSF x LoA	-10,8920061	-0,024	0,316
CHR5	20641020	CHR5:20641020	SSF x LoA	-7,58777166	-0,030	0,316
CHR5	20641021	CHR5:20641021	SSF x LoA	-7,83312156	0,050	0,310
CHR5	20647987	CHR5:20647987	SSF x LoA	-11,0083065	0,070	0,306
CHR5	20648160	CHR5:20648160	SSF x LoA	-8,4043464	0,020	0,307

CHR5	20648162	CHR5:20648162	SSF x LoA	-7,71933363	-0,195	0,291
CHR5	20650948	CHR5:20650948	SSF x LoA	-11,6210061	0,031	0,316
CHR5	20652430	CHR5:20652430	SSF x LoA	-5,86066399	0,069	0,310
CHR5	20652455	CHR5:20652455	SSF x LoA	-6,31822813	0,125	0,310
CHR5	20656058	CHR5:20656058	SSF x LoA	-7,89035534	0,002	0,314
CHR5	20656100	CHR5:20656100	SSF x LoA	-8,4484139	-0,038	0,309
CHR5	20656112	CHR5:20656112	SSF x LoA	-9,97072855	-0,056	0,312
CHR5	20658385	CHR5:20658385	SSF x LoA	-5,86389103	-0,207	0,302
CHR5	20669805	CHR5:20669805	SSF x LoA	-10,7297038	-0,112	0,295
CHR5	20669872	CHR5:20669872	SSF x LoA	-7,13861017	-0,059	0,314
CHR5	20669915	CHR5:20669915	SSF x LoA	-11,2060657	-0,065	0,297
CHR5	20670012	CHR5:20670012	SSF x LoA	-10,3652922	-0,047	0,298
CHR5	20670016	CHR5:20670016	SSF x LoA	-8,09677649	-0,051	0,319
CHR5	20670057	CHR5:20670057	SSF x LoA	-8,50016625	-0,029	0,312
CHR5	20670062	CHR5:20670062	SSF x LoA	-9,14372702	0,022	0,304
CHR5	20684498	CHR5:20684498	SSF x LoA	-11,4420028	0,028	0,301
CHR5	20684558	CHR5:20684558	SSF x LoA	-5,96094859	-0,103	0,306
CHR5	20691247	CHR5:20691247	SSF x LoA	-9,78353701	0,000	0,317
CHR5	20699506	CHR5:20699506	SSF x LoA	-8,87735275	0,057	0,305
CHR5	20699511	CHR5:20699511	SSF x LoA	-7,71466405	-0,109	0,312
CHR5	20699615	CHR5:20699615	SSF x LoA	-8,09948703	0,114	0,302
CHR5	20701159	CHR5:20701159	SSF x LoA	-7,61782949	0,118	0,317
CHR5	20701204	CHR5:20701204	SSF x LoA	-2,25993123	0,065	0,313
CHR5	20701209	CHR5:20701209	SSF x LoA	-11,2737074	-0,041	0,312
CHR5	20701215	CHR5:20701215	SSF x LoA	-8,82803734	-0,032	0,309
CHR5	20702878	CHR5:20702878	SSF x LoA	-10,7939915	-0,131	0,299
CHR5	20711191	CHR5:20711191	SSF x LoA	-10,9844504	0,038	0,308
CHR5	20716355	CHR5:20716355	SSF x LoA	-11,2828688	0,052	0,307
CHR5	20716388	CHR5:20716388	SSF x LoA	-8,47125043	0,027	0,314
CHR5	20723266	CHR5:20723266	SSF x LoA	-8,74733159	0,142	0,312
CHR5	20724001	CHR5:20724001	SSF x LoA	-8,79105649	0,019	0,311
CHR5	20724004	CHR5:20724004	SSF x LoA	-8,44538749	0,076	0,314
CHR5	20724013	CHR5:20724013	SSF x LoA	-5,24296543	0,023	0,302
CHR5	20724048	CHR5:20724048	SSF x LoA	-7,96411919	0,116	0,302
CHR5	20724055	CHR5:20724055	SSF x LoA	-6,03210982	0,001	0,303
CHR5	20724110	CHR5:20724110	SSF x LoA	-9,30259559	-0,011	0,301
CHR5	20727393	CHR5:20727393	SSF x LoA	-9,07309645	0,068	0,317
CHR5	20736509	CHR5:20736509	SSF x LoA	-9,1019343	-0,090	0,301
CHR5	20753471	CHR5:20753471	SSF x LoA	-7,28202218	0,098	0,319
CHR5	20753527	CHR5:20753527	SSF x LoA	-7,89311663	0,078	0,306
CHR5	20758151	CHR5:20758151	SSF x LoA	-8,42939324	0,033	0,308
CHR5	20758166	CHR5:20758166	SSF x LoA	-11,2036015	-0,113	0,300
CHR5	20759316	CHR5:20759316	SSF x LoA	-8,69116035	0,091	0,302
CHR5	20759346	CHR5:20759346	SSF x LoA	-10,0969098	0,017	0,302
CHR5	20759361	CHR5:20759361	SSF x LoA	-8,44596943	0,030	0,303
CHR5	20762606	CHR5:20762606	SSF x LoA	-9,22379147	0,017	0,301
CHR5	20762632	CHR5:20762632	SSF x LoA	-9,58630247	0,020	0,322
CHR5	20762702	CHR5:20762702	SSF x LoA	-0,18567341	0,006	0,316
CHR5	20762762	CHR5:20762762	SSF x LoA	-9,54602109	0,027	0,311
CHR5	20766354	CHR5:20766354	SSF x LoA	-8,3142456	-0,085	0,301
CHR5	20766371	CHR5:20766371	SSF x LoA	-8,77874954	-0,050	0,312
CHR5	20766399	CHR5:20766399	SSF x LoA	-8,57633718	-0,040	0,296
CHR5	20766403	CHR5:20766403	SSF x LoA	-11,2420895	0,000	0,298

CHR5	20766436	CHR5:20766436	SSF x LoA	-8,76505644	-0,003	0,322
CHR5	20766464	CHR5:20766464	SSF x LoA	-10,1698361	-0,044	0,305
CHR5	20774438	CHR5:20774438	SSF x LoA	-9,5949665	0,037	0,302
CHR5	20778335	CHR5:20778335	SSF x LoA	-11,2391119	-0,070	0,305
CHR5	20778403	CHR5:20778403	SSF x LoA	-11,2236595	0,023	0,313
CHR5	20778512	CHR5:20778512	SSF x LoA	-6,841742	0,054	0,317
CHR5	20779571	CHR5:20779571	SSF x LoA	-9,99197614	0,090	0,303
CHR5	20781315	CHR5:20781315	SSF x LoA	-9,66826615	-0,164	0,297
CHR5	2078220	CHR5:2078220	SSF x LoA	-7,50142558	-0,018	0,312
CHR5	20784262	CHR5:20784262	SSF x LoA	3,14284427	-0,118	0,307
CHR5	20784276	CHR5:20784276	SSF x LoA	-10,0242523	-0,003	0,317
CHR5	20784343	CHR5:20784343	SSF x LoA	-9,55571953	-0,017	0,310
CHR5	20785960	CHR5:20785960	SSF x LoA	-10,6796959	0,018	0,306
CHR5	20785979	CHR5:20785979	SSF x LoA	-10,1704091	0,060	0,316
CHR5	20786048	CHR5:20786048	SSF x LoA	-10,4128608	-0,006	0,308
CHR5	20786118	CHR5:20786118	SSF x LoA	-6,45931196	0,255	0,292
CHR5	20790869	CHR5:20790869	SSF x LoA	-8,33553001	-0,013	0,309
CHR5	20790878	CHR5:20790878	SSF x LoA	-8,98511325	-0,057	0,292
CHR5	20796722	CHR5:20796722	SSF x LoA	-4,63894694	0,132	0,307
CHR5	20796802	CHR5:20796802	SSF x LoA	-6,232139	0,026	0,312
CHR5	20796815	CHR5:20796815	SSF x LoA	-11,6714835	-0,017	0,309
CHR5	20796836	CHR5:20796836	SSF x LoA	-10,1831067	0,004	0,311
CHR5	20796838	CHR5:20796838	SSF x LoA	-11,0143589	-0,022	0,298
CHR5	20796903	CHR5:20796903	SSF x LoA	-9,26405836	0,030	0,307
CHR5	20798498	CHR5:20798498	SSF x LoA	-7,90113795	-0,151	0,284
CHR5	20809173	CHR5:20809173	SSF x LoA	-8,18935903	0,105	0,299
CHR5	20809245	CHR5:20809245	SSF x LoA	-8,73478164	0,043	0,311
CHR5	20809285	CHR5:20809285	SSF x LoA	-9,31265653	-0,006	0,305
CHR5	20809313	CHR5:20809313	SSF x LoA	-8,42153316	-0,107	0,298
CHR5	20809322	CHR5:20809322	SSF x LoA	-10,9357889	-0,074	0,305
CHR5	20809346	CHR5:20809346	SSF x LoA	-7,02319618	-0,115	0,298
CHR5	20814087	CHR5:20814087	SSF x LoA	-8,95575064	-0,044	0,310
CHR5	20814191	CHR5:20814191	SSF x LoA	-6,81266794	-0,123	0,299
CHR5	20828015	CHR5:20828015	SSF x LoA	-10,2344691	0,006	0,307
CHR5	20828051	CHR5:20828051	SSF x LoA	-9,43638407	0,024	0,312
CHR5	20828143	CHR5:20828143	SSF x LoA	-8,54878527	-0,018	0,296
CHR5	20829818	CHR5:20829818	SSF x LoA	-10,3904144	-0,024	0,294
CHR5	20829830	CHR5:20829830	SSF x LoA	-7,64555261	-0,016	0,317
CHR5	20829839	CHR5:20829839	SSF x LoA	-10,6446611	0,060	0,316
CHR5	20829843	CHR5:20829843	SSF x LoA	-10,2338599	0,014	0,307
CHR5	20829853	CHR5:20829853	SSF x LoA	-8,57038753	-0,034	0,316
CHR5	20829873	CHR5:20829873	SSF x LoA	-9,40000286	-0,010	0,321
CHR5	20829875	CHR5:20829875	SSF x LoA	-8,06476261	-0,005	0,307
CHR5	20834927	CHR5:20834927	SSF x LoA	-10,2399774	0,047	0,312
CHR5	20861046	CHR5:20861046	SSF x LoA	-9,83208719	0,073	0,298
CHR5	20861651	CHR5:20861651	SSF x LoA	-10,9551069	0,061	0,312
CHR5	20861775	CHR5:20861775	SSF x LoA	-10,1352772	-0,021	0,305
CHR5	20863874	CHR5:20863874	SSF x LoA	-10,0034925	0,001	0,315
CHR5	20871146	CHR5:20871146	SSF x LoA	-10,9748771	0,052	0,318
CHR5	20871195	CHR5:20871195	SSF x LoA	-10,9210047	0,011	0,310
CHR5	20871201	CHR5:20871201	SSF x LoA	-8,90336889	0,036	0,305
CHR5	20871202	CHR5:20871202	SSF x LoA	-6,96777157	0,003	0,326
CHR5	20879853	CHR5:20879853	SSF x LoA	-9,73820117	0,153	0,308

CHR5	2088008	CHR5:2088008	SSF x LoA	-9,21458102	0,169	0,306
CHR5	20888740	CHR5:20888740	SSF x LoA	-6,37497295	-0,119	0,312
CHR5	2090808	CHR5:2090808	SSF x LoA	-6,12509651	0,147	0,302
CHR5	2090823	CHR5:2090823	SSF x LoA	-7,98799056	0,144	0,302
CHR5	2090828	CHR5:2090828	SSF x LoA	-8,14170817	-0,097	0,311
CHR5	20924949	CHR5:20924949	SSF x LoA	-8,52638257	0,044	0,295
CHR5	20960244	CHR5:20960244	SSF x LoA	-8,17331836	-0,022	0,319
CHR5	20966198	CHR5:20966198	SSF x LoA	-8,03140485	-0,016	0,306
CHR5	20966230	CHR5:20966230	SSF x LoA	-9,29235041	-0,026	0,306
CHR5	20980076	CHR5:20980076	SSF x LoA	-11,9372416	0,065	0,311
CHR5	20980306	CHR5:20980306	SSF x LoA	-9,39292997	0,035	0,311
CHR5	2098339	CHR5:2098339	SSF x LoA	-8,90457658	0,020	0,319
CHR5	20993821	CHR5:20993821	SSF x LoA	-9,74257442	0,020	0,313
CHR5	21017374	CHR5:21017374	SSF x LoA	-10,4817335	-0,082	0,304
CHR5	21018760	CHR5:21018760	SSF x LoA	-9,51622738	0,031	0,300
CHR5	21023813	CHR5:21023813	SSF x LoA	-9,2340606	0,019	0,316
CHR5	21023933	CHR5:21023933	SSF x LoA	-7,98035217	0,076	0,316
CHR5	21026182	CHR5:21026182	SSF x LoA	-8,88346193	-0,025	0,295
CHR5	21031037	CHR5:21031037	SSF x LoA	-9,15416322	0,002	0,324
CHR5	21032378	CHR5:21032378	SSF x LoA	-9,68694204	-0,016	0,310
CHR5	21033552	CHR5:21033552	SSF x LoA	-9,67708824	0,128	0,306
CHR5	21033606	CHR5:21033606	SSF x LoA	-5,54830129	-0,004	0,306
CHR5	21033671	CHR5:21033671	SSF x LoA	-6,18320478	-0,032	0,310
CHR5	21044909	CHR5:21044909	SSF x LoA	-7,93109138	0,016	0,299
CHR5	21044910	CHR5:21044910	SSF x LoA	-10,216993	-0,047	0,299
CHR5	21045015	CHR5:21045015	SSF x LoA	-11,0542082	-0,014	0,306
CHR5	21045115	CHR5:21045115	SSF x LoA	-10,055347	0,029	0,311
CHR5	21052905	CHR5:21052905	SSF x LoA	-7,57030933	0,103	0,312
CHR5	21052950	CHR5:21052950	SSF x LoA	-10,3444521	0,097	0,304
CHR5	21060062	CHR5:21060062	SSF x LoA	-8,53606723	-0,064	0,299
CHR5	21060099	CHR5:21060099	SSF x LoA	-10,7525597	0,030	0,311
CHR5	21060998	CHR5:21060998	SSF x LoA	-10,4895148	0,092	0,315
CHR5	21061029	CHR5:21061029	SSF x LoA	-6,59148094	0,113	0,318
CHR5	21061090	CHR5:21061090	SSF x LoA	-10,3094608	-0,024	0,303
CHR5	21061117	CHR5:21061117	SSF x LoA	-7,34370321	0,113	0,305
CHR5	21061133	CHR5:21061133	SSF x LoA	-9,67593778	0,093	0,316
CHR5	21081351	CHR5:21081351	SSF x LoA	-9,22659771	-0,063	0,300
CHR5	21087449	CHR5:21087449	SSF x LoA	-8,0616018	0,007	0,305
CHR5	21087493	CHR5:21087493	SSF x LoA	-10,3724728	0,065	0,281
CHR5	21087611	CHR5:21087611	SSF x LoA	-8,08403883	-0,018	0,325
CHR5	21091127	CHR5:21091127	SSF x LoA	-7,81684225	-0,013	0,326
CHR5	21105577	CHR5:21105577	SSF x LoA	-9,13061186	-0,008	0,314
CHR5	21107950	CHR5:21107950	SSF x LoA	-10,1961703	0,031	0,318
CHR5	2110848	CHR5:2110848	SSF x LoA	-10,6241665	-0,073	0,308
CHR5	2110924	CHR5:2110924	SSF x LoA	-9,80280531	-0,047	0,306
CHR5	2112929	CHR5:2112929	SSF x LoA	-8,11738261	-0,015	0,310
CHR5	2112944	CHR5:2112944	SSF x LoA	-8,42791812	-0,035	0,313
CHR5	21130662	CHR5:21130662	SSF x LoA	-5,46924493	-0,122	0,296
CHR5	21140476	CHR5:21140476	SSF x LoA	-11,4046303	0,022	0,311
CHR5	21140525	CHR5:21140525	SSF x LoA	-10,2007293	-0,085	0,296
CHR5	21151839	CHR5:21151839	SSF x LoA	-8,31855444	-0,008	0,296
CHR5	21151896	CHR5:21151896	SSF x LoA	-1,47327942	-0,040	0,307
CHR5	21151908	CHR5:21151908	SSF x LoA	-9,6635517	0,051	0,291

CHR5	21151909	CHR5:21151909	SSF x LoA	-11,3103546	0,047	0,305
CHR5	21151918	CHR5:21151918	SSF x LoA	-11,7017087	-0,091	0,290
CHR5	21151961	CHR5:21151961	SSF x LoA	-11,854006	0,079	0,304
CHR5	21152030	CHR5:21152030	SSF x LoA	-9,10715005	-0,080	0,305
CHR5	21154794	CHR5:21154794	SSF x LoA	-9,26227929	0,008	0,315
CHR5	21154890	CHR5:21154890	SSF x LoA	-10,8440171	-0,029	0,308
CHR5	21159808	CHR5:21159808	SSF x LoA	-11,088166	0,038	0,303
CHR5	21159941	CHR5:21159941	SSF x LoA	-10,5910318	-0,084	0,299
CHR5	21159957	CHR5:21159957	SSF x LoA	-6,87320644	0,076	0,316
CHR5	21166376	CHR5:21166376	SSF x LoA	-7,59071022	0,145	0,309
CHR5	21166405	CHR5:21166405	SSF x LoA	-10,5239729	-0,069	0,307
CHR5	2116774	CHR5:2116774	SSF x LoA	-9,49200165	-0,044	0,304
CHR5	2116801	CHR5:2116801	SSF x LoA	-11,0681866	0,066	0,303
CHR5	2117611	CHR5:2117611	SSF x LoA	-10,2095155	0,054	0,309
CHR5	2117665	CHR5:2117665	SSF x LoA	-9,43543137	-0,078	0,296
CHR5	21178697	CHR5:21178697	SSF x LoA	-8,37363927	0,153	0,304
CHR5	21178899	CHR5:21178899	SSF x LoA	-6,106013	0,072	0,300
CHR5	21206206	CHR5:21206206	SSF x LoA	-11,2101595	0,055	0,305
CHR5	21256621	CHR5:21256621	SSF x LoA	-10,4925289	-0,024	0,303
CHR5	21284542	CHR5:21284542	SSF x LoA	-12,3261864	0,010	0,291
CHR5	21308157	CHR5:21308157	SSF x LoA	-10,2452206	-0,012	0,313
CHR5	21308229	CHR5:21308229	SSF x LoA	-8,53340648	0,067	0,309
CHR5	21308230	CHR5:21308230	SSF x LoA	-5,09313348	-0,010	0,307
CHR5	21308241	CHR5:21308241	SSF x LoA	-8,74216196	-0,006	0,307
CHR5	21308268	CHR5:21308268	SSF x LoA	-9,81197003	0,020	0,305
CHR5	21308317	CHR5:21308317	SSF x LoA	-10,9926673	0,011	0,295
CHR5	21314532	CHR5:21314532	SSF x LoA	-10,2277291	-0,036	0,320
CHR5	21314566	CHR5:21314566	SSF x LoA	-10,1428592	0,162	0,310
CHR5	21314580	CHR5:21314580	SSF x LoA	-4,74382677	0,154	0,298
CHR5	21314581	CHR5:21314581	SSF x LoA	-7,03527158	0,153	0,294
CHR5	21314588	CHR5:21314588	SSF x LoA	-7,78946364	0,178	0,281
CHR5	21314605	CHR5:21314605	SSF x LoA	-4,35677743	0,210	0,288
CHR5	21319782	CHR5:21319782	SSF x LoA	-7,45114588	-0,163	0,307
CHR5	21319835	CHR5:21319835	SSF x LoA	-5,1950168	-0,171	0,306
CHR5	21319846	CHR5:21319846	SSF x LoA	-3,98342355	-0,141	0,307
CHR5	21323678	CHR5:21323678	SSF x LoA	-10,3240093	-0,001	0,327
CHR5	21340461	CHR5:21340461	SSF x LoA	-10,8562058	-0,115	0,313
CHR5	21340553	CHR5:21340553	SSF x LoA	-2,15174932	-0,102	0,317
CHR5	21349136	CHR5:21349136	SSF x LoA	-6,66479688	0,114	0,307
CHR5	21349390	CHR5:21349390	SSF x LoA	-4,31921681	0,125	0,313
CHR5	21359700	CHR5:21359700	SSF x LoA	-7,81589138	0,066	0,332
CHR5	21363465	CHR5:21363465	SSF x LoA	-11,6735029	0,025	0,312
CHR5	21363467	CHR5:21363467	SSF x LoA	-6,51493962	-0,128	0,299
CHR5	21363479	CHR5:21363479	SSF x LoA	-9,37014938	-0,128	0,287
CHR5	21363509	CHR5:21363509	SSF x LoA	-10,528416	-0,082	0,300
CHR5	21363634	CHR5:21363634	SSF x LoA	-8,07780131	0,066	0,287
CHR5	21365167	CHR5:21365167	SSF x LoA	-10,6653194	0,031	0,310
CHR5	21365242	CHR5:21365242	SSF x LoA	-8,43455792	0,053	0,296
CHR5	21365480	CHR5:21365480	SSF x LoA	-11,2432611	-0,046	0,306
CHR5	21365482	CHR5:21365482	SSF x LoA	-10,6475528	-0,081	0,306
CHR5	21365484	CHR5:21365484	SSF x LoA	-5,77160405	-0,121	0,310
CHR5	21365547	CHR5:21365547	SSF x LoA	-10,0523796	0,074	0,307
CHR5	21365550	CHR5:21365550	SSF x LoA	-7,33617854	0,123	0,303

CHR5	21365592	CHR5:21365592	SSF x LoA	-11,2363949	-0,016	0,300
CHR5	21365597	CHR5:21365597	SSF x LoA	-9,96500837	0,038	0,303
CHR5	21365608	CHR5:21365608	SSF x LoA	-7,2449507	-0,014	0,309
CHR5	21373928	CHR5:21373928	SSF x LoA	-10,9402514	-0,100	0,300
CHR5	21373999	CHR5:21373999	SSF x LoA	-9,71631948	0,041	0,324
CHR5	21376082	CHR5:21376082	SSF x LoA	-7,60480684	-0,061	0,314
CHR5	21378445	CHR5:21378445	SSF x LoA	-9,64478875	-0,022	0,307
CHR5	21381777	CHR5:21381777	SSF x LoA	-2,7274217	0,095	0,308
CHR5	21381802	CHR5:21381802	SSF x LoA	-9,85685841	-0,024	0,292
CHR5	21381824	CHR5:21381824	SSF x LoA	-7,73366099	0,015	0,301
CHR5	21383160	CHR5:21383160	SSF x LoA	-3,62410302	-0,026	0,322
CHR5	21383233	CHR5:21383233	SSF x LoA	-11,8284608	0,071	0,296
CHR5	21397826	CHR5:21397826	SSF x LoA	-9,50019905	-0,128	0,289
CHR5	21397930	CHR5:21397930	SSF x LoA	-11,6751842	-0,039	0,310
CHR5	21398746	CHR5:21398746	SSF x LoA	-10,9820936	0,022	0,321
CHR5	21403010	CHR5:21403010	SSF x LoA	-11,3458041	0,039	0,314
CHR5	21403081	CHR5:21403081	SSF x LoA	-11,9808274	0,032	0,310
CHR5	21427460	CHR5:21427460	SSF x LoA	-8,46649435	0,072	0,301
CHR5	21427491	CHR5:21427491	SSF x LoA	-6,25056767	0,049	0,316
CHR5	21427640	CHR5:21427640	SSF x LoA	-5,87100109	0,020	0,320
CHR5	21436937	CHR5:21436937	SSF x LoA	-8,98904065	0,002	0,305
CHR5	21436950	CHR5:21436950	SSF x LoA	-10,3456478	0,121	0,297
CHR5	21436964	CHR5:21436964	SSF x LoA	-8,09883483	0,113	0,315
CHR5	21436967	CHR5:21436967	SSF x LoA	-10,6629369	0,087	0,312
CHR5	21436969	CHR5:21436969	SSF x LoA	-10,1223135	0,087	0,312
CHR5	21436970	CHR5:21436970	SSF x LoA	-10,644707	0,098	0,298
CHR5	21436986	CHR5:21436986	SSF x LoA	-8,74793902	0,085	0,312
CHR5	21436987	CHR5:21436987	SSF x LoA	-10,4698827	-0,069	0,306
CHR5	21436989	CHR5:21436989	SSF x LoA	-6,80262433	-0,083	0,299
CHR5	21437018	CHR5:21437018	SSF x LoA	-10,5953368	0,012	0,314
CHR5	21437087	CHR5:21437087	SSF x LoA	-10,5190166	-0,080	0,300
CHR5	21437102	CHR5:21437102	SSF x LoA	-8,79870964	-0,032	0,293
CHR5	21444411	CHR5:21444411	SSF x LoA	-4,16180221	-0,100	0,306
CHR5	21448415	CHR5:21448415	SSF x LoA	-6,8813648	0,016	0,305
CHR5	21448574	CHR5:21448574	SSF x LoA	-10,1484124	-0,011	0,304
CHR5	21448640	CHR5:21448640	SSF x LoA	-12,3526207	0,046	0,305
CHR5	21456930	CHR5:21456930	SSF x LoA	-8,09150318	-0,116	0,315
CHR5	21456966	CHR5:21456966	SSF x LoA	-8,38353347	0,058	0,315
CHR5	21456967	CHR5:21456967	SSF x LoA	-10,6713627	0,091	0,311
CHR5	21469992	CHR5:21469992	SSF x LoA	-7,76826925	0,059	0,305
CHR5	21470000	CHR5:21470000	SSF x LoA	-9,62187978	0,120	0,295
CHR5	21480045	CHR5:21480045	SSF x LoA	-9,19144023	-0,147	0,301
CHR5	21481466	CHR5:21481466	SSF x LoA	-7,54102461	0,029	0,294
CHR5	21481475	CHR5:21481475	SSF x LoA	-10,9349461	-0,010	0,302
CHR5	21481588	CHR5:21481588	SSF x LoA	-7,82245263	0,029	0,321
CHR5	21491661	CHR5:21491661	SSF x LoA	-7,05563637	-0,160	0,299
CHR5	21491698	CHR5:21491698	SSF x LoA	-8,96179806	0,082	0,302
CHR5	21491735	CHR5:21491735	SSF x LoA	-10,9094131	-0,024	0,316
CHR5	21491755	CHR5:21491755	SSF x LoA	-11,4108158	0,027	0,295
CHR5	21491776	CHR5:21491776	SSF x LoA	-8,56390517	-0,036	0,316
CHR5	21491897	CHR5:21491897	SSF x LoA	-10,9051341	-0,003	0,299
CHR5	21496154	CHR5:21496154	SSF x LoA	-7,60613787	-0,109	0,307
CHR5	21496222	CHR5:21496222	SSF x LoA	-9,70896852	0,028	0,307

CHR5	21496238	CHR5:21496238	SSF x LoA	-8,6523818	-0,029	0,318
CHR5	21496245	CHR5:21496245	SSF x LoA	-8,77654517	0,000	0,298
CHR5	21505508	CHR5:21505508	SSF x LoA	-7,03289214	-0,107	0,304
CHR5	21505533	CHR5:21505533	SSF x LoA	-7,22385863	0,055	0,321
CHR5	21505554	CHR5:21505554	SSF x LoA	-8,97103939	0,059	0,314
CHR5	21505562	CHR5:21505562	SSF x LoA	-10,3048158	-0,083	0,300
CHR5	21505574	CHR5:21505574	SSF x LoA	-12,2128547	-0,031	0,306
CHR5	21509877	CHR5:21509877	SSF x LoA	-10,9347519	-0,049	0,309
CHR5	21509878	CHR5:21509878	SSF x LoA	-5,61309421	-0,140	0,301
CHR5	21509916	CHR5:21509916	SSF x LoA	-7,01074992	0,016	0,307
CHR5	21509995	CHR5:21509995	SSF x LoA	-9,26608389	-0,136	0,290
CHR5	21509999	CHR5:21509999	SSF x LoA	-7,77023071	-0,113	0,292
CHR5	21510050	CHR5:21510050	SSF x LoA	-11,0533048	0,084	0,303
CHR5	21510062	CHR5:21510062	SSF x LoA	-11,5618802	-0,069	0,306
CHR5	21510082	CHR5:21510082	SSF x LoA	-6,46399782	0,133	0,298
CHR5	21510109	CHR5:21510109	SSF x LoA	-5,83921658	-0,114	0,311
CHR5	21510114	CHR5:21510114	SSF x LoA	-10,3171886	-0,014	0,302
CHR5	21510136	CHR5:21510136	SSF x LoA	-8,12327563	0,073	0,309
CHR5	21514412	CHR5:21514412	SSF x LoA	-10,7210762	0,014	0,305
CHR5	21514435	CHR5:21514435	SSF x LoA	-11,7741521	0,024	0,318
CHR5	21514443	CHR5:21514443	SSF x LoA	-7,58153666	0,031	0,316
CHR5	21514614	CHR5:21514614	SSF x LoA	-7,27190487	0,036	0,306
CHR5	21514684	CHR5:21514684	SSF x LoA	-11,0861005	-0,022	0,301
CHR5	21515939	CHR5:21515939	SSF x LoA	-6,11774731	0,153	0,311
CHR5	21518405	CHR5:21518405	SSF x LoA	-8,78576139	0,095	0,301
CHR5	21518416	CHR5:21518416	SSF x LoA	-8,17807798	0,106	0,296
CHR5	21534286	CHR5:21534286	SSF x LoA	-9,40343322	0,113	0,299
CHR5	21534297	CHR5:21534297	SSF x LoA	-9,81997459	0,109	0,298
CHR5	21534331	CHR5:21534331	SSF x LoA	-8,05525816	-0,124	0,314
CHR5	21534397	CHR5:21534397	SSF x LoA	-9,53530805	-0,009	0,320
CHR5	21535760	CHR5:21535760	SSF x LoA	-12,1575783	-0,008	0,309
CHR5	21537709	CHR5:21537709	SSF x LoA	-4,45634997	0,001	0,306
CHR5	21537711	CHR5:21537711	SSF x LoA	-10,3026858	-0,002	0,300
CHR5	21537757	CHR5:21537757	SSF x LoA	-6,40374827	-0,131	0,301
CHR5	21537788	CHR5:21537788	SSF x LoA	-9,62068737	-0,021	0,311
CHR5	21540318	CHR5:21540318	SSF x LoA	-10,2323762	-0,003	0,314
CHR5	21541494	CHR5:21541494	SSF x LoA	-9,70920421	-0,070	0,299
CHR5	21541670	CHR5:21541670	SSF x LoA	-9,6259275	0,033	0,313
CHR5	21556014	CHR5:21556014	SSF x LoA	-10,7710819	-0,066	0,301
CHR5	21556153	CHR5:21556153	SSF x LoA	-8,53783949	-0,032	0,296
CHR5	21556198	CHR5:21556198	SSF x LoA	-10,7274139	0,003	0,317
CHR5	21556247	CHR5:21556247	SSF x LoA	-11,0601757	0,037	0,304
CHR5	21557893	CHR5:21557893	SSF x LoA	-9,8561367	-0,049	0,314
CHR5	21562144	CHR5:21562144	SSF x LoA	-11,1429501	0,012	0,310
CHR5	21562251	CHR5:21562251	SSF x LoA	-7,60522512	-0,046	0,296
CHR5	21566453	CHR5:21566453	SSF x LoA	-9,3455113	0,029	0,305
CHR5	2157258	CHR5:2157258	SSF x LoA	-8,28834019	-0,077	0,308
CHR5	21574409	CHR5:21574409	SSF x LoA	-9,89215314	0,049	0,310
CHR5	21574534	CHR5:21574534	SSF x LoA	-10,6562739	-0,024	0,308
CHR5	21576784	CHR5:21576784	SSF x LoA	-8,73546571	-0,038	0,307
CHR5	21576804	CHR5:21576804	SSF x LoA	-6,34833602	0,009	0,301
CHR5	21579286	CHR5:21579286	SSF x LoA	-9,9499069	-0,107	0,297
CHR5	21603331	CHR5:21603331	SSF x LoA	-11,3865394	0,019	0,313

CHR5	21603344	CHR5:21603344	SSF x LoA	-9,4555181	0,069	0,284
CHR5	21610700	CHR5:21610700	SSF x LoA	-5,65039091	-0,102	0,299
CHR5	2161210	CHR5:2161210	SSF x LoA	-8,44011973	0,071	0,301
CHR5	2161218	CHR5:2161218	SSF x LoA	-8,10165257	0,083	0,314
CHR5	2161284	CHR5:2161284	SSF x LoA	-8,95374358	-0,004	0,310
CHR5	21623319	CHR5:21623319	SSF x LoA	-10,9819214	-0,073	0,309
CHR5	21623441	CHR5:21623441	SSF x LoA	-3,80822654	0,196	0,302
CHR5	2163723	CHR5:2163723	SSF x LoA	-11,8535345	0,081	0,300
CHR5	21637702	CHR5:21637702	SSF x LoA	-9,86082962	-0,034	0,310
CHR5	21637703	CHR5:21637703	SSF x LoA	-9,31488203	-0,024	0,312
CHR5	21637821	CHR5:21637821	SSF x LoA	-8,09656748	-0,098	0,302
CHR5	21637949	CHR5:21637949	SSF x LoA	-5,605392	-0,080	0,296
CHR5	2163817	CHR5:2163817	SSF x LoA	-11,3949814	-0,007	0,318
CHR5	2163827	CHR5:2163827	SSF x LoA	-7,58029749	0,147	0,307
CHR5	2163865	CHR5:2163865	SSF x LoA	-10,4383898	-0,150	0,283
CHR5	2163873	CHR5:2163873	SSF x LoA	-11,7044187	-0,018	0,312
CHR5	2163983	CHR5:2163983	SSF x LoA	-11,7964232	-0,056	0,310
CHR5	21647558	CHR5:21647558	SSF x LoA	-8,98231675	-0,056	0,323
CHR5	21647678	CHR5:21647678	SSF x LoA	-8,49023409	0,102	0,294
CHR5	21655987	CHR5:21655987	SSF x LoA	-6,45149317	-0,196	0,303
CHR5	21659306	CHR5:21659306	SSF x LoA	-3,878239	0,204	0,296
CHR5	21659372	CHR5:21659372	SSF x LoA	-8,56510425	0,141	0,313
CHR5	21659380	CHR5:21659380	SSF x LoA	-6,13521514	0,211	0,293
CHR5	21659395	CHR5:21659395	SSF x LoA	-5,95390316	0,222	0,284
CHR5	21659405	CHR5:21659405	SSF x LoA	-9,44412276	-0,046	0,304
CHR5	21664268	CHR5:21664268	SSF x LoA	-8,70370366	-0,087	0,305
CHR5	21664289	CHR5:21664289	SSF x LoA	-9,20332726	-0,073	0,301
CHR5	21664294	CHR5:21664294	SSF x LoA	-10,7419611	-0,116	0,300
CHR5	21667571	CHR5:21667571	SSF x LoA	-7,96796439	0,117	0,305
CHR5	21667619	CHR5:21667619	SSF x LoA	-10,6228474	0,003	0,311
CHR5	21667666	CHR5:21667666	SSF x LoA	-11,6506333	0,014	0,307
CHR5	21667676	CHR5:21667676	SSF x LoA	-5,59532928	0,026	0,313
CHR5	21669363	CHR5:21669363	SSF x LoA	-9,08390354	0,050	0,315
CHR5	21669364	CHR5:21669364	SSF x LoA	-8,45455861	0,031	0,316
CHR5	21669569	CHR5:21669569	SSF x LoA	-7,82723215	-0,115	0,308
CHR5	21677541	CHR5:21677541	SSF x LoA	-5,04380826	0,225	0,305
CHR5	21677544	CHR5:21677544	SSF x LoA	-1,37648343	0,216	0,306
CHR5	21677553	CHR5:21677553	SSF x LoA	-9,16684031	-0,039	0,311
CHR5	21677585	CHR5:21677585	SSF x LoA	-7,43290652	-0,105	0,313
CHR5	21677599	CHR5:21677599	SSF x LoA	-8,1203681	-0,069	0,299
CHR5	21702482	CHR5:21702482	SSF x LoA	-8,65616361	-0,056	0,311
CHR5	21702581	CHR5:21702581	SSF x LoA	-7,76591997	-0,082	0,309
CHR5	21702592	CHR5:21702592	SSF x LoA	-8,23875459	-0,093	0,307
CHR5	21702683	CHR5:21702683	SSF x LoA	-7,283767	-0,032	0,307
CHR5	21707605	CHR5:21707605	SSF x LoA	-6,83595879	0,010	0,308
CHR5	21707755	CHR5:21707755	SSF x LoA	-11,4257146	-0,026	0,306
CHR5	21711309	CHR5:21711309	SSF x LoA	-9,84314868	0,011	0,312
CHR5	21711311	CHR5:21711311	SSF x LoA	-11,3186477	0,028	0,298
CHR5	21716128	CHR5:21716128	SSF x LoA	-9,74907224	-0,003	0,327
CHR5	21716152	CHR5:21716152	SSF x LoA	-10,1177709	-0,011	0,306
CHR5	21730447	CHR5:21730447	SSF x LoA	-8,39990285	0,069	0,302
CHR5	21742277	CHR5:21742277	SSF x LoA	-10,8424286	0,099	0,311
CHR5	21742466	CHR5:21742466	SSF x LoA	-9,79574003	0,014	0,306

CHR5	21742469	CHR5:21742469	SSF x LoA	-10,1141326	-0,002	0,315
CHR5	21742470	CHR5:21742470	SSF x LoA	-9,14710006	-0,006	0,319
CHR5	21742480	CHR5:21742480	SSF x LoA	-11,1284972	-0,017	0,310
CHR5	21742482	CHR5:21742482	SSF x LoA	-10,2840554	-0,035	0,319
CHR5	21742483	CHR5:21742483	SSF x LoA	-11,0121665	-0,027	0,305
CHR5	21756459	CHR5:21756459	SSF x LoA	-9,98730232	-0,047	0,306
CHR5	21758027	CHR5:21758027	SSF x LoA	-10,3808705	0,030	0,309
CHR5	21758045	CHR5:21758045	SSF x LoA	-5,00157069	0,117	0,316
CHR5	21758060	CHR5:21758060	SSF x LoA	-7,60144667	-0,034	0,299
CHR5	21761949	CHR5:21761949	SSF x LoA	-8,68959518	-0,060	0,312
CHR5	21761982	CHR5:21761982	SSF x LoA	-9,81848839	0,060	0,307
CHR5	21762022	CHR5:21762022	SSF x LoA	-10,555496	-0,022	0,310
CHR5	21762039	CHR5:21762039	SSF x LoA	-10,4583197	-0,024	0,304
CHR5	21762217	CHR5:21762217	SSF x LoA	-7,00870763	-0,097	0,311
CHR5	21762322	CHR5:21762322	SSF x LoA	-9,14557592	-0,117	0,292
CHR5	21766627	CHR5:21766627	SSF x LoA	-8,92490683	0,082	0,301
CHR5	21766708	CHR5:21766708	SSF x LoA	-8,54230234	0,049	0,316
CHR5	21770353	CHR5:21770353	SSF x LoA	-10,7505463	0,068	0,304
CHR5	21774160	CHR5:21774160	SSF x LoA	-10,0030293	0,051	0,304
CHR5	21774188	CHR5:21774188	SSF x LoA	-10,3577414	0,099	0,301
CHR5	21774265	CHR5:21774265	SSF x LoA	-7,75729733	0,131	0,297
CHR5	21774344	CHR5:21774344	SSF x LoA	-9,58456363	0,128	0,311
CHR5	21775371	CHR5:21775371	SSF x LoA	-10,3161531	0,056	0,308
CHR5	21776666	CHR5:21776666	SSF x LoA	-9,73928471	0,043	0,328
CHR5	21776675	CHR5:21776675	SSF x LoA	-10,0502243	0,019	0,326
CHR5	21776676	CHR5:21776676	SSF x LoA	-11,2484724	-0,058	0,307
CHR5	21776717	CHR5:21776717	SSF x LoA	-10,6951025	0,052	0,309
CHR5	21776742	CHR5:21776742	SSF x LoA	-10,5793419	0,005	0,306
CHR5	21776818	CHR5:21776818	SSF x LoA	-6,47857523	-0,005	0,310
CHR5	21776832	CHR5:21776832	SSF x LoA	-8,58654191	-0,022	0,306
CHR5	21781711	CHR5:21781711	SSF x LoA	-8,36967835	-0,065	0,309
CHR5	21781808	CHR5:21781808	SSF x LoA	-9,73503228	-0,080	0,301
CHR5	21790671	CHR5:21790671	SSF x LoA	-8,96430235	0,095	0,303
CHR5	21790692	CHR5:21790692	SSF x LoA	-5,70730204	-0,170	0,313
CHR5	21790694	CHR5:21790694	SSF x LoA	-10,3823035	0,081	0,312
CHR5	21790732	CHR5:21790732	SSF x LoA	-9,23745439	-0,051	0,297
CHR5	21790760	CHR5:21790760	SSF x LoA	-11,3936919	-0,021	0,303
CHR5	21790764	CHR5:21790764	SSF x LoA	-9,09517077	0,049	0,313
CHR5	21790945	CHR5:21790945	SSF x LoA	-7,83712675	0,021	0,310
CHR5	21796921	CHR5:21796921	SSF x LoA	-9,17297161	0,035	0,296
CHR5	21796981	CHR5:21796981	SSF x LoA	-10,7664877	-0,026	0,296
CHR5	21797014	CHR5:21797014	SSF x LoA	-10,7749287	0,029	0,292
CHR5	21797105	CHR5:21797105	SSF x LoA	-9,76550647	0,096	0,313
CHR5	21810462	CHR5:21810462	SSF x LoA	-6,50254618	-0,116	0,294
CHR5	21810472	CHR5:21810472	SSF x LoA	-5,65273621	-0,002	0,286
CHR5	21810743	CHR5:21810743	SSF x LoA	-8,65729892	0,051	0,318
CHR5	21810767	CHR5:21810767	SSF x LoA	-7,84082085	0,000	0,311
CHR5	21824862	CHR5:21824862	SSF x LoA	-10,9514278	0,032	0,309
CHR5	21824966	CHR5:21824966	SSF x LoA	-11,0273925	0,118	0,296
CHR5	21832588	CHR5:21832588	SSF x LoA	-8,66886641	-0,029	0,304
CHR5	21832802	CHR5:21832802	SSF x LoA	-6,75194127	-0,163	0,309
CHR5	21836257	CHR5:21836257	SSF x LoA	-7,37671231	0,205	0,298
CHR5	21836326	CHR5:21836326	SSF x LoA	-10,4362485	0,002	0,307

CHR5	21836342	CHR5:21836342	SSF x LoA	-6,59900897	0,128	0,317
CHR5	21836414	CHR5:21836414	SSF x LoA	-10,69815	0,035	0,310
CHR5	21839210	CHR5:21839210	SSF x LoA	-10,8595446	-0,042	0,292
CHR5	21839212	CHR5:21839212	SSF x LoA	-4,96523842	-0,037	0,314
CHR5	21839213	CHR5:21839213	SSF x LoA	-7,78668535	0,012	0,315
CHR5	21839245	CHR5:21839245	SSF x LoA	-11,5522803	0,026	0,300
CHR5	21839272	CHR5:21839272	SSF x LoA	-9,43013964	-0,076	0,305
CHR5	21839327	CHR5:21839327	SSF x LoA	-7,10051319	-0,112	0,312
CHR5	21839368	CHR5:21839368	SSF x LoA	-7,98357973	-0,010	0,315
CHR5	21839379	CHR5:21839379	SSF x LoA	-8,1628841	0,013	0,315
CHR5	21839479	CHR5:21839479	SSF x LoA	-3,67324109	0,101	0,314
CHR5	21843694	CHR5:21843694	SSF x LoA	-8,70591895	0,148	0,307
CHR5	21849285	CHR5:21849285	SSF x LoA	-9,4361634	0,019	0,309
CHR5	21849292	CHR5:21849292	SSF x LoA	-9,51593536	0,003	0,298
CHR5	21849314	CHR5:21849314	SSF x LoA	-10,5601335	0,037	0,319
CHR5	21849407	CHR5:21849407	SSF x LoA	-4,69243373	0,047	0,319
CHR5	21849735	CHR5:21849735	SSF x LoA	-10,4677915	0,023	0,301
CHR5	21860394	CHR5:21860394	SSF x LoA	-8,94200204	0,111	0,295
CHR5	21860423	CHR5:21860423	SSF x LoA	-9,67874191	-0,073	0,313
CHR5	21860449	CHR5:21860449	SSF x LoA	-8,57806912	0,030	0,321
CHR5	21860450	CHR5:21860450	SSF x LoA	-12,2163576	-0,042	0,291
CHR5	21860491	CHR5:21860491	SSF x LoA	-8,56650459	0,015	0,304
CHR5	2186052	CHR5:2186052	SSF x LoA	-8,15906464	0,093	0,308
CHR5	21878764	CHR5:21878764	SSF x LoA	-11,0477559	-0,033	0,313
CHR5	21878811	CHR5:21878811	SSF x LoA	-8,1527602	-0,074	0,306
CHR5	21878826	CHR5:21878826	SSF x LoA	-7,16670999	0,169	0,301
CHR5	21878957	CHR5:21878957	SSF x LoA	-6,68337897	0,104	0,306
CHR5	21880559	CHR5:21880559	SSF x LoA	-10,3360903	-0,033	0,309
CHR5	21887444	CHR5:21887444	SSF x LoA	-10,3399091	-0,082	0,289
CHR5	21887876	CHR5:21887876	SSF x LoA	-11,1723683	-0,022	0,307
CHR5	21887924	CHR5:21887924	SSF x LoA	-8,49556227	-0,004	0,325
CHR5	21889273	CHR5:21889273	SSF x LoA	-7,37807082	0,070	0,309
CHR5	21889282	CHR5:21889282	SSF x LoA	-9,33421284	0,044	0,311
CHR5	21889338	CHR5:21889338	SSF x LoA	-9,6316637	-0,004	0,290
CHR5	21889433	CHR5:21889433	SSF x LoA	-8,22807979	-0,159	0,297
CHR5	21898506	CHR5:21898506	SSF x LoA	-8,88283119	0,016	0,313
CHR5	21898554	CHR5:21898554	SSF x LoA	-10,8341617	-0,101	0,304
CHR5	21902057	CHR5:21902057	SSF x LoA	-12,4378898	0,003	0,304
CHR5	21902086	CHR5:21902086	SSF x LoA	-5,27306984	-0,124	0,301
CHR5	21902117	CHR5:21902117	SSF x LoA	-10,6623975	-0,046	0,299
CHR5	21902119	CHR5:21902119	SSF x LoA	-9,87469536	-0,042	0,299
CHR5	21902121	CHR5:21902121	SSF x LoA	-8,94184362	-0,036	0,290
CHR5	21902129	CHR5:21902129	SSF x LoA	-9,18193246	0,040	0,306
CHR5	21902132	CHR5:21902132	SSF x LoA	-11,0519684	-0,032	0,299
CHR5	21902158	CHR5:21902158	SSF x LoA	-9,74016019	0,049	0,305
CHR5	21902204	CHR5:21902204	SSF x LoA	-10,4448252	0,058	0,303
CHR5	21902222	CHR5:21902222	SSF x LoA	-5,26289715	0,035	0,311
CHR5	21902241	CHR5:21902241	SSF x LoA	-7,23878793	-0,029	0,324
CHR5	21902289	CHR5:21902289	SSF x LoA	-8,89120409	0,097	0,326
CHR5	21904205	CHR5:21904205	SSF x LoA	-11,5294523	-0,002	0,308
CHR5	21904235	CHR5:21904235	SSF x LoA	-8,0058299	-0,090	0,304
CHR5	21918312	CHR5:21918312	SSF x LoA	-5,83104275	-0,044	0,300
CHR5	21918396	CHR5:21918396	SSF x LoA	-6,70549409	-0,019	0,295

CHR5	21918398	CHR5:21918398	SSF x LoA	-11,7283179	-0,029	0,285
CHR5	21926446	CHR5:21926446	SSF x LoA	-7,43548683	0,136	0,305
CHR5	21926473	CHR5:21926473	SSF x LoA	-10,4620112	0,041	0,315
CHR5	21926986	CHR5:21926986	SSF x LoA	-8,754052	-0,007	0,308
CHR5	21926995	CHR5:21926995	SSF x LoA	-11,0179834	0,044	0,301
CHR5	21948288	CHR5:21948288	SSF x LoA	-10,5555795	-0,035	0,313
CHR5	21948362	CHR5:21948362	SSF x LoA	-10,023886	-0,075	0,301
CHR5	21948431	CHR5:21948431	SSF x LoA	-10,7091224	0,094	0,305
CHR5	21948487	CHR5:21948487	SSF x LoA	-0,80008309	-0,238	0,289
CHR5	21948508	CHR5:21948508	SSF x LoA	-3,88976059	-0,180	0,290
CHR5	21948536	CHR5:21948536	SSF x LoA	-9,59182407	-0,125	0,304
CHR5	21948539	CHR5:21948539	SSF x LoA	-4,86476698	0,209	0,295
CHR5	21952362	CHR5:21952362	SSF x LoA	-9,30689061	-0,076	0,311
CHR5	21952461	CHR5:21952461	SSF x LoA	-9,87802715	0,080	0,303
CHR5	21952467	CHR5:21952467	SSF x LoA	-10,0509929	-0,044	0,307
CHR5	21952479	CHR5:21952479	SSF x LoA	-8,20841256	-0,126	0,307
CHR5	21963808	CHR5:21963808	SSF x LoA	-10,7213998	0,022	0,312
CHR5	21963861	CHR5:21963861	SSF x LoA	-9,89164604	0,061	0,315
CHR5	21963933	CHR5:21963933	SSF x LoA	-8,65534617	-0,047	0,306
CHR5	21963936	CHR5:21963936	SSF x LoA	-8,34421534	-0,069	0,329
CHR5	21963942	CHR5:21963942	SSF x LoA	-11,3109319	0,014	0,295
CHR5	21969722	CHR5:21969722	SSF x LoA	-8,92514052	0,116	0,302
CHR5	21969823	CHR5:21969823	SSF x LoA	-4,3212006	0,124	0,314
CHR5	2200764	CHR5:2200764	SSF x LoA	-10,6639587	-0,058	0,303
CHR5	2200765	CHR5:2200765	SSF x LoA	-7,45311557	-0,062	0,301
CHR5	2200982	CHR5:2200982	SSF x LoA	-10,2005607	-0,039	0,307
CHR5	22011224	CHR5:22011224	SSF x LoA	-2,38799343	0,174	0,302
CHR5	22011690	CHR5:22011690	SSF x LoA	-10,2497425	-0,051	0,304
CHR5	22011699	CHR5:22011699	SSF x LoA	-11,1222645	0,031	0,309
CHR5	22013750	CHR5:22013750	SSF x LoA	-8,87180094	-0,022	0,305
CHR5	22013754	CHR5:22013754	SSF x LoA	-3,65954423	-0,185	0,297
CHR5	22013755	CHR5:22013755	SSF x LoA	-11,3345811	-0,063	0,315
CHR5	22013773	CHR5:22013773	SSF x LoA	-9,39821642	0,006	0,305
CHR5	22013786	CHR5:22013786	SSF x LoA	-10,7337242	-0,023	0,320
CHR5	22013915	CHR5:22013915	SSF x LoA	-9,11520009	0,075	0,303
CHR5	22027047	CHR5:22027047	SSF x LoA	-11,2725814	0,087	0,301
CHR5	22027358	CHR5:22027358	SSF x LoA	-8,52558443	0,108	0,295
CHR5	22028554	CHR5:22028554	SSF x LoA	-9,39404533	0,081	0,302
CHR5	22034581	CHR5:22034581	SSF x LoA	-8,30959127	-0,046	0,313
CHR5	22034637	CHR5:22034637	SSF x LoA	-9,02172749	0,011	0,320
CHR5	22034686	CHR5:22034686	SSF x LoA	-10,3419927	0,048	0,303
CHR5	22040825	CHR5:22040825	SSF x LoA	-11,066111	-0,006	0,312
CHR5	22040911	CHR5:22040911	SSF x LoA	-8,85174462	0,020	0,314
CHR5	22040977	CHR5:22040977	SSF x LoA	-10,1540297	-0,034	0,314
CHR5	22041012	CHR5:22041012	SSF x LoA	-8,76832248	0,043	0,303
CHR5	22041019	CHR5:22041019	SSF x LoA	-7,9367379	-0,077	0,316
CHR5	22041027	CHR5:22041027	SSF x LoA	-8,52301822	0,075	0,317
CHR5	22041045	CHR5:22041045	SSF x LoA	-9,28691721	-0,028	0,306
CHR5	22041062	CHR5:22041062	SSF x LoA	-11,8336669	-0,107	0,309
CHR5	22051449	CHR5:22051449	SSF x LoA	-6,16583173	-0,206	0,286
CHR5	22059884	CHR5:22059884	SSF x LoA	-11,7179557	0,051	0,315
CHR5	22065725	CHR5:22065725	SSF x LoA	-7,735076	0,054	0,291
CHR5	22073276	CHR5:22073276	SSF x LoA	-10,108055	-0,025	0,329

CHR5	22073287	CHR5:22073287	SSF x LoA	-11,0918105	-0,011	0,296
CHR5	22087199	CHR5:22087199	SSF x LoA	-3,5604085	0,222	0,277
CHR5	22087277	CHR5:22087277	SSF x LoA	-10,0727675	-0,009	0,318
CHR5	22107524	CHR5:22107524	SSF x LoA	-10,8230161	0,060	0,307
CHR5	22107534	CHR5:22107534	SSF x LoA	-7,28038731	0,136	0,299
CHR5	22107565	CHR5:22107565	SSF x LoA	-10,4615996	-0,062	0,308
CHR5	22107585	CHR5:22107585	SSF x LoA	-8,40968018	0,050	0,294
CHR5	22111714	CHR5:22111714	SSF x LoA	-10,8123619	0,026	0,298
CHR5	22111776	CHR5:22111776	SSF x LoA	-5,07934885	-0,135	0,305
CHR5	22111863	CHR5:22111863	SSF x LoA	-9,2192497	-0,024	0,296
CHR5	22111887	CHR5:22111887	SSF x LoA	-8,47636061	-0,010	0,310
CHR5	22111899	CHR5:22111899	SSF x LoA	-9,26790267	-0,019	0,315
CHR5	22116343	CHR5:22116343	SSF x LoA	-11,4818238	0,020	0,302
CHR5	22116382	CHR5:22116382	SSF x LoA	-9,83716907	0,002	0,296
CHR5	22116406	CHR5:22116406	SSF x LoA	-10,0765875	-0,089	0,310
CHR5	22117262	CHR5:22117262	SSF x LoA	-8,65267097	0,068	0,307
CHR5	22117304	CHR5:22117304	SSF x LoA	-10,0043096	0,060	0,302
CHR5	22152869	CHR5:22152869	SSF x LoA	-8,13308968	-0,079	0,304
CHR5	22152907	CHR5:22152907	SSF x LoA	-8,22117502	0,097	0,309
CHR5	22154351	CHR5:22154351	SSF x LoA	-7,7598606	0,068	0,311
CHR5	22154357	CHR5:22154357	SSF x LoA	-10,7573853	-0,057	0,306
CHR5	22154398	CHR5:22154398	SSF x LoA	-10,6755659	0,066	0,310
CHR5	22154399	CHR5:22154399	SSF x LoA	-10,1290668	0,091	0,305
CHR5	22154425	CHR5:22154425	SSF x LoA	-7,97886093	0,056	0,303
CHR5	22154449	CHR5:22154449	SSF x LoA	-8,29698149	-0,065	0,309
CHR5	22154460	CHR5:22154460	SSF x LoA	-8,5839797	-0,076	0,315
CHR5	22154465	CHR5:22154465	SSF x LoA	-8,83063848	-0,097	0,296
CHR5	22154565	CHR5:22154565	SSF x LoA	-10,952297	-0,041	0,304
CHR5	22154567	CHR5:22154567	SSF x LoA	-10,691238	-0,045	0,308
CHR5	22154568	CHR5:22154568	SSF x LoA	-8,01420984	-0,091	0,299
CHR5	22154590	CHR5:22154590	SSF x LoA	-9,40872287	0,013	0,303
CHR5	22156130	CHR5:22156130	SSF x LoA	-8,55401265	0,145	0,298
CHR5	22158178	CHR5:22158178	SSF x LoA	-9,60098663	-0,063	0,296
CHR5	22158628	CHR5:22158628	SSF x LoA	-10,2567929	-0,001	0,304
CHR5	22172018	CHR5:22172018	SSF x LoA	-10,2259438	-0,043	0,303
CHR5	22181935	CHR5:22181935	SSF x LoA	-9,43474356	0,123	0,312
CHR5	22182033	CHR5:22182033	SSF x LoA	-11,4554833	-0,022	0,307
CHR5	22182192	CHR5:22182192	SSF x LoA	-10,6848323	0,016	0,308
CHR5	22182195	CHR5:22182195	SSF x LoA	-10,760222	0,026	0,317
CHR5	22186087	CHR5:22186087	SSF x LoA	-8,97706863	-0,081	0,311
CHR5	22203397	CHR5:22203397	SSF x LoA	-10,7985052	0,119	0,294
CHR5	22210328	CHR5:22210328	SSF x LoA	-6,36914266	-0,014	0,298
CHR5	22211631	CHR5:22211631	SSF x LoA	-7,36612066	0,062	0,330
CHR5	22218972	CHR5:22218972	SSF x LoA	-9,92287948	0,068	0,303
CHR5	22219003	CHR5:22219003	SSF x LoA	-10,8515584	0,068	0,297
CHR5	22219028	CHR5:22219028	SSF x LoA	-10,3830186	0,029	0,306
CHR5	22219033	CHR5:22219033	SSF x LoA	-1,69477585	0,071	0,315
CHR5	22223380	CHR5:22223380	SSF x LoA	-10,747926	0,003	0,296
CHR5	22223463	CHR5:22223463	SSF x LoA	-8,85700905	-0,071	0,302
CHR5	22223562	CHR5:22223562	SSF x LoA	-9,77417969	-0,100	0,295
CHR5	22223667	CHR5:22223667	SSF x LoA	-10,1177856	0,043	0,303
CHR5	22223706	CHR5:22223706	SSF x LoA	-9,85059671	-0,052	0,310
CHR5	22228498	CHR5:22228498	SSF x LoA	-8,40226173	-0,112	0,300

CHR5	22228568	CHR5:22228568	SSF x LoA	-9,26398011	-0,131	0,302
CHR5	22228673	CHR5:22228673	SSF x LoA	-7,97542634	0,023	0,306
CHR5	22228738	CHR5:22228738	SSF x LoA	-9,21286274	0,071	0,306
CHR5	22228771	CHR5:22228771	SSF x LoA	-10,0108516	0,071	0,301
CHR5	22228775	CHR5:22228775	SSF x LoA	-9,63111023	0,078	0,309
CHR5	22228783	CHR5:22228783	SSF x LoA	-10,988279	0,061	0,299
CHR5	22228800	CHR5:22228800	SSF x LoA	-8,46776348	0,069	0,318
CHR5	22228854	CHR5:22228854	SSF x LoA	-9,33388312	-0,032	0,317
CHR5	2223930	CHR5:2223930	SSF x LoA	-8,95012676	0,109	0,309
CHR5	2223978	CHR5:2223978	SSF x LoA	-9,70360606	0,014	0,306
CHR5	22240444	CHR5:22240444	SSF x LoA	-9,27275636	0,064	0,312
CHR5	22242887	CHR5:22242887	SSF x LoA	-11,3843685	0,075	0,288
CHR5	22242944	CHR5:22242944	SSF x LoA	-4,56048304	0,095	0,309
CHR5	22249032	CHR5:22249032	SSF x LoA	-5,27638165	-0,104	0,318
CHR5	22249095	CHR5:22249095	SSF x LoA	-9,66428678	0,016	0,317
CHR5	22249170	CHR5:22249170	SSF x LoA	-9,85685798	0,047	0,308
CHR5	22258661	CHR5:22258661	SSF x LoA	-9,3814305	0,056	0,304
CHR5	22261764	CHR5:22261764	SSF x LoA	-10,9139092	-0,039	0,313
CHR5	22269703	CHR5:22269703	SSF x LoA	-9,21031279	-0,017	0,301
CHR5	22269705	CHR5:22269705	SSF x LoA	-9,40367751	0,029	0,281
CHR5	22269723	CHR5:22269723	SSF x LoA	-9,17779961	0,019	0,306
CHR5	22269744	CHR5:22269744	SSF x LoA	-9,60007737	-0,020	0,287
CHR5	22269822	CHR5:22269822	SSF x LoA	-8,3896302	0,042	0,303
CHR5	22269854	CHR5:22269854	SSF x LoA	-10,79284	-0,018	0,304
CHR5	2227335	CHR5:2227335	SSF x LoA	-9,77438669	0,106	0,312
CHR5	2227337	CHR5:2227337	SSF x LoA	-11,716713	0,053	0,296
CHR5	2227369	CHR5:2227369	SSF x LoA	-8,35241073	-0,071	0,313
CHR5	2227446	CHR5:2227446	SSF x LoA	-8,95687564	-0,109	0,308
CHR5	2227574	CHR5:2227574	SSF x LoA	-11,0825599	0,006	0,308
CHR5	22277861	CHR5:22277861	SSF x LoA	-8,48458097	0,058	0,321
CHR5	22291111	CHR5:22291111	SSF x LoA	-8,98560298	-0,059	0,289
CHR5	22291148	CHR5:22291148	SSF x LoA	-12,4205986	0,001	0,306
CHR5	22291167	CHR5:22291167	SSF x LoA	-8,66640989	-0,091	0,311
CHR5	22291168	CHR5:22291168	SSF x LoA	-8,9688359	0,047	0,304
CHR5	22291174	CHR5:22291174	SSF x LoA	-11,491116	0,002	0,306
CHR5	22291213	CHR5:22291213	SSF x LoA	2,5979453	0,070	0,295
CHR5	22313353	CHR5:22313353	SSF x LoA	-11,8370591	-0,060	0,291
CHR5	22317423	CHR5:22317423	SSF x LoA	-9,9436402	-0,055	0,307
CHR5	22320105	CHR5:22320105	SSF x LoA	-10,4105102	-0,092	0,313
CHR5	22320121	CHR5:22320121	SSF x LoA	-9,05866948	-0,116	0,309
CHR5	22320171	CHR5:22320171	SSF x LoA	-11,0742424	-0,114	0,319
CHR5	22337706	CHR5:22337706	SSF x LoA	-7,30784368	-0,210	0,286
CHR5	22337711	CHR5:22337711	SSF x LoA	-5,2340933	-0,186	0,288
CHR5	22337721	CHR5:22337721	SSF x LoA	-6,47266427	0,109	0,294
CHR5	22337798	CHR5:22337798	SSF x LoA	-2,71720133	0,069	0,303
CHR5	22338019	CHR5:22338019	SSF x LoA	-8,18914198	0,119	0,307
CHR5	22338040	CHR5:22338040	SSF x LoA	-8,64618105	-0,029	0,301
CHR5	22338052	CHR5:22338052	SSF x LoA	-4,60375436	0,187	0,295
CHR5	22338099	CHR5:22338099	SSF x LoA	-10,0952779	0,056	0,309
CHR5	22338106	CHR5:22338106	SSF x LoA	-8,23678633	0,003	0,317
CHR5	22342402	CHR5:22342402	SSF x LoA	-10,5202548	-0,032	0,313
CHR5	22342417	CHR5:22342417	SSF x LoA	-7,80957483	-0,122	0,308
CHR5	22355288	CHR5:22355288	SSF x LoA	-9,98067737	-0,073	0,306

CHR5	22355444	CHR5:22355444	SSF x LoA	-11,4404611	0,004	0,311
CHR5	22370528	CHR5:22370528	SSF x LoA	-8,17745301	0,033	0,310
CHR5	22370863	CHR5:22370863	SSF x LoA	-4,95495673	0,184	0,307
CHR5	2237555	CHR5:2237555	SSF x LoA	-9,85030615	-0,011	0,303
CHR5	2237658	CHR5:2237658	SSF x LoA	-9,43011953	-0,110	0,300
CHR5	22386379	CHR5:22386379	SSF x LoA	-9,62480365	-0,027	0,301
CHR5	22386426	CHR5:22386426	SSF x LoA	-7,52990462	-0,064	0,307
CHR5	22386491	CHR5:22386491	SSF x LoA	-7,00766883	-0,123	0,310
CHR5	22396229	CHR5:22396229	SSF x LoA	-8,66457485	-0,074	0,308
CHR5	22411581	CHR5:22411581	SSF x LoA	-1,96082641	-0,162	0,304
CHR5	22412409	CHR5:22412409	SSF x LoA	-10,1409035	0,000	0,300
CHR5	22412426	CHR5:22412426	SSF x LoA	-10,2626201	-0,009	0,305
CHR5	22414059	CHR5:22414059	SSF x LoA	-10,5343447	0,013	0,300
CHR5	22415471	CHR5:22415471	SSF x LoA	-12,069933	-0,011	0,310
CHR5	22416155	CHR5:22416155	SSF x LoA	-9,54358808	-0,098	0,306
CHR5	22430092	CHR5:22430092	SSF x LoA	-8,51786362	0,126	0,300
CHR5	22430192	CHR5:22430192	SSF x LoA	-8,82188396	-0,008	0,319
CHR5	22438973	CHR5:22438973	SSF x LoA	-10,9930416	-0,010	0,310
CHR5	22438990	CHR5:22438990	SSF x LoA	-9,53096265	0,030	0,301
CHR5	22450040	CHR5:22450040	SSF x LoA	-8,48416052	0,075	0,318
CHR5	22450087	CHR5:22450087	SSF x LoA	-10,9897417	0,041	0,313
CHR5	22450172	CHR5:22450172	SSF x LoA	-8,68714352	-0,004	0,303
CHR5	22458063	CHR5:22458063	SSF x LoA	-9,66667695	0,006	0,322
CHR5	22458974	CHR5:22458974	SSF x LoA	-7,54024809	-0,103	0,304
CHR5	2246065	CHR5:2246065	SSF x LoA	-0,79319067	0,052	0,303
CHR5	22467319	CHR5:22467319	SSF x LoA	-8,14976807	0,009	0,305
CHR5	22467398	CHR5:22467398	SSF x LoA	-8,94699709	0,087	0,320
CHR5	22467437	CHR5:22467437	SSF x LoA	-11,4183845	0,021	0,310
CHR5	22467449	CHR5:22467449	SSF x LoA	-8,69320159	-0,098	0,299
CHR5	22470902	CHR5:22470902	SSF x LoA	-9,14250679	-0,076	0,308
CHR5	22470908	CHR5:22470908	SSF x LoA	-10,3690959	-0,077	0,307
CHR5	22470913	CHR5:22470913	SSF x LoA	-10,991774	0,045	0,299
CHR5	22470962	CHR5:22470962	SSF x LoA	-3,70393809	0,055	0,305
CHR5	22470972	CHR5:22470972	SSF x LoA	-10,7493372	0,031	0,311
CHR5	22471044	CHR5:22471044	SSF x LoA	-9,09026837	0,055	0,308
CHR5	22471084	CHR5:22471084	SSF x LoA	-8,45967933	-0,037	0,295
CHR5	22471139	CHR5:22471139	SSF x LoA	-9,5082951	-0,024	0,304
CHR5	22471149	CHR5:22471149	SSF x LoA	-10,2209949	-0,003	0,304
CHR5	22471158	CHR5:22471158	SSF x LoA	-11,285585	-0,045	0,307
CHR5	2247214	CHR5:2247214	SSF x LoA	-10,9283808	0,038	0,317
CHR5	2247245	CHR5:2247245	SSF x LoA	-10,1779864	-0,026	0,314
CHR5	2247290	CHR5:2247290	SSF x LoA	-11,6163574	-0,016	0,316
CHR5	22478723	CHR5:22478723	SSF x LoA	-8,57070934	0,058	0,303
CHR5	22478794	CHR5:22478794	SSF x LoA	-11,2987579	-0,013	0,301
CHR5	22478849	CHR5:22478849	SSF x LoA	-9,64638682	-0,018	0,312
CHR5	22478872	CHR5:22478872	SSF x LoA	-9,11508579	-0,074	0,313
CHR5	22478912	CHR5:22478912	SSF x LoA	-8,30145276	-0,018	0,304
CHR5	22478987	CHR5:22478987	SSF x LoA	-9,88020447	0,118	0,306
CHR5	22478989	CHR5:22478989	SSF x LoA	-8,97990133	-0,105	0,288
CHR5	22479050	CHR5:22479050	SSF x LoA	-6,63645325	0,128	0,318
CHR5	22479058	CHR5:22479058	SSF x LoA	-5,91594299	-0,133	0,290
CHR5	22479063	CHR5:22479063	SSF x LoA	-9,66255312	-0,010	0,301
CHR5	22483002	CHR5:22483002	SSF x LoA	-9,44068033	0,064	0,296

CHR5	22501748	CHR5:22501748	SSF x LoA	-10,2104475	0,110	0,296
CHR5	22501753	CHR5:22501753	SSF x LoA	-6,26096741	0,044	0,312
CHR5	22507469	CHR5:22507469	SSF x LoA	-8,17789162	0,080	0,301
CHR5	22507472	CHR5:22507472	SSF x LoA	0,51630292	0,080	0,316
CHR5	22507489	CHR5:22507489	SSF x LoA	-9,05262065	0,063	0,306
CHR5	22507491	CHR5:22507491	SSF x LoA	-8,15584744	0,053	0,303
CHR5	22508932	CHR5:22508932	SSF x LoA	-8,9611622	0,013	0,307
CHR5	22509062	CHR5:22509062	SSF x LoA	-9,26660785	-0,019	0,304
CHR5	22514622	CHR5:22514622	SSF x LoA	-9,35889247	-0,022	0,313
CHR5	22514647	CHR5:22514647	SSF x LoA	-11,5869741	-0,002	0,303
CHR5	22514665	CHR5:22514665	SSF x LoA	-11,1796677	-0,023	0,296
CHR5	22516298	CHR5:22516298	SSF x LoA	-8,78150341	0,099	0,303
CHR5	22516900	CHR5:22516900	SSF x LoA	-10,6781902	-0,036	0,301
CHR5	22516940	CHR5:22516940	SSF x LoA	-7,86956776	0,080	0,302
CHR5	22519213	CHR5:22519213	SSF x LoA	-8,24799577	-0,127	0,296
CHR5	22528750	CHR5:22528750	SSF x LoA	-10,6032407	-0,057	0,311
CHR5	2253136	CHR5:2253136	SSF x LoA	-8,67331499	0,018	0,311
CHR5	2253176	CHR5:2253176	SSF x LoA	-11,9979485	0,083	0,303
CHR5	22532261	CHR5:22532261	SSF x LoA	-8,09521196	-0,072	0,294
CHR5	22537347	CHR5:22537347	SSF x LoA	-10,2851458	0,020	0,301
CHR5	22537464	CHR5:22537464	SSF x LoA	-8,9932624	-0,038	0,312
CHR5	22545112	CHR5:22545112	SSF x LoA	-8,59839457	-0,129	0,308
CHR5	22545119	CHR5:22545119	SSF x LoA	-6,53777747	0,008	0,308
CHR5	22545124	CHR5:22545124	SSF x LoA	-0,68469238	-0,135	0,317
CHR5	22545131	CHR5:22545131	SSF x LoA	-0,37615282	-0,145	0,295
CHR5	22545136	CHR5:22545136	SSF x LoA	-4,66880207	-0,142	0,314
CHR5	22553220	CHR5:22553220	SSF x LoA	-1,62812597	0,206	0,300
CHR5	22553241	CHR5:22553241	SSF x LoA	-10,7726846	-0,036	0,304
CHR5	22553273	CHR5:22553273	SSF x LoA	-9,89914083	-0,045	0,308
CHR5	22553301	CHR5:22553301	SSF x LoA	-12,0449163	-0,004	0,302
CHR5	22553302	CHR5:22553302	SSF x LoA	-12,1563132	-0,024	0,307
CHR5	22553359	CHR5:22553359	SSF x LoA	-7,47303185	-0,017	0,320
CHR5	2255635	CHR5:2255635	SSF x LoA	-11,3690518	0,024	0,320
CHR5	2255641	CHR5:2255641	SSF x LoA	-6,85888197	0,078	0,300
CHR5	2255662	CHR5:2255662	SSF x LoA	-9,75017372	0,025	0,295
CHR5	2255692	CHR5:2255692	SSF x LoA	-8,74372442	-0,039	0,310
CHR5	2255770	CHR5:2255770	SSF x LoA	-9,63864527	0,056	0,301
CHR5	22566886	CHR5:22566886	SSF x LoA	-9,46610095	-0,070	0,309
CHR5	22569750	CHR5:22569750	SSF x LoA	-1,70583023	0,115	0,302
CHR5	22575452	CHR5:22575452	SSF x LoA	-10,4439901	0,077	0,299
CHR5	22575474	CHR5:22575474	SSF x LoA	-7,75916487	0,098	0,320
CHR5	22596274	CHR5:22596274	SSF x LoA	-6,74302794	0,034	0,311
CHR5	2259781	CHR5:2259781	SSF x LoA	-9,75452484	-0,011	0,320
CHR5	2259988	CHR5:2259988	SSF x LoA	-11,2741888	0,088	0,304
CHR5	22601761	CHR5:22601761	SSF x LoA	-11,4303037	0,060	0,304
CHR5	22656399	CHR5:22656399	SSF x LoA	-8,74718923	0,054	0,309
CHR5	22657170	CHR5:22657170	SSF x LoA	-8,89420521	-0,074	0,315
CHR5	2265887	CHR5:2265887	SSF x LoA	-7,6041218	0,090	0,301
CHR5	2265904	CHR5:2265904	SSF x LoA	-11,300823	-0,013	0,295
CHR5	2266099	CHR5:2266099	SSF x LoA	-10,7554609	-0,069	0,303
CHR5	22665450	CHR5:22665450	SSF x LoA	-10,4134551	0,018	0,305
CHR5	22665495	CHR5:22665495	SSF x LoA	-11,4957811	-0,025	0,306
CHR5	22665521	CHR5:22665521	SSF x LoA	-11,3549784	0,029	0,313

CHR5	22665556	CHR5:22665556	SSF x LoA	-9,2145172	0,042	0,318
CHR5	22665657	CHR5:22665657	SSF x LoA	-10,4118427	0,013	0,300
CHR5	22665679	CHR5:22665679	SSF x LoA	-9,49317755	-0,086	0,303
CHR5	22668392	CHR5:22668392	SSF x LoA	-10,9504919	-0,003	0,315
CHR5	22668397	CHR5:22668397	SSF x LoA	-8,7527178	-0,022	0,306
CHR5	22668426	CHR5:22668426	SSF x LoA	-9,95062955	-0,076	0,318
CHR5	22672295	CHR5:22672295	SSF x LoA	-8,79229864	0,141	0,300
CHR5	22672301	CHR5:22672301	SSF x LoA	-6,67445086	0,129	0,309
CHR5	22672311	CHR5:22672311	SSF x LoA	-7,49801148	0,145	0,306
CHR5	22672340	CHR5:22672340	SSF x LoA	-4,8455321	0,150	0,306
CHR5	22674580	CHR5:22674580	SSF x LoA	-12,368308	0,002	0,312
CHR5	22674623	CHR5:22674623	SSF x LoA	-9,96122223	0,001	0,304
CHR5	22674708	CHR5:22674708	SSF x LoA	-8,38992127	-0,092	0,297
CHR5	22674728	CHR5:22674728	SSF x LoA	-8,66742402	-0,020	0,318
CHR5	22674732	CHR5:22674732	SSF x LoA	-10,8798989	0,058	0,296
CHR5	22674753	CHR5:22674753	SSF x LoA	-8,72763807	0,043	0,310
CHR5	22674759	CHR5:22674759	SSF x LoA	-9,89018231	-0,057	0,291
CHR5	22674769	CHR5:22674769	SSF x LoA	-9,94319587	-0,062	0,308
CHR5	22677397	CHR5:22677397	SSF x LoA	-10,103231	-0,050	0,311
CHR5	22677432	CHR5:22677432	SSF x LoA	-7,49775831	0,169	0,302
CHR5	22685551	CHR5:22685551	SSF x LoA	-11,6887115	0,076	0,293
CHR5	2269097	CHR5:2269097	SSF x LoA	-7,88805818	-0,011	0,314
CHR5	22693322	CHR5:22693322	SSF x LoA	-10,5295668	0,031	0,298
CHR5	22693354	CHR5:22693354	SSF x LoA	-6,73613208	-0,201	0,285
CHR5	22693359	CHR5:22693359	SSF x LoA	-6,80202151	-0,207	0,295
CHR5	22693369	CHR5:22693369	SSF x LoA	-11,3132062	-0,066	0,307
CHR5	22693440	CHR5:22693440	SSF x LoA	-5,82618947	-0,063	0,319
CHR5	22693527	CHR5:22693527	SSF x LoA	-9,42125929	0,023	0,300
CHR5	22699381	CHR5:22699381	SSF x LoA	-8,29018531	-0,072	0,307
CHR5	22699436	CHR5:22699436	SSF x LoA	-9,93400831	-0,021	0,299
CHR5	22699490	CHR5:22699490	SSF x LoA	-10,6477062	0,035	0,311
CHR5	22699510	CHR5:22699510	SSF x LoA	-10,7487736	0,051	0,289
CHR5	22702314	CHR5:22702314	SSF x LoA	-9,99578236	-0,002	0,289
CHR5	22702397	CHR5:22702397	SSF x LoA	-10,5268232	-0,023	0,320
CHR5	2270241	CHR5:2270241	SSF x LoA	-10,941664	0,061	0,307
CHR5	2270268	CHR5:2270268	SSF x LoA	-9,70596294	-0,014	0,302
CHR5	2270281	CHR5:2270281	SSF x LoA	-8,39734104	-0,081	0,305
CHR5	22702940	CHR5:22702940	SSF x LoA	-7,97946599	0,148	0,302
CHR5	2270322	CHR5:2270322	SSF x LoA	-10,0599591	-0,031	0,295
CHR5	22706709	CHR5:22706709	SSF x LoA	-10,9065612	-0,067	0,310
CHR5	22706778	CHR5:22706778	SSF x LoA	-8,528146	0,059	0,313
CHR5	22706949	CHR5:22706949	SSF x LoA	-9,84371298	-0,125	0,322
CHR5	22711688	CHR5:22711688	SSF x LoA	-9,47767911	0,058	0,306
CHR5	22711699	CHR5:22711699	SSF x LoA	-7,80552825	-0,042	0,316
CHR5	22711786	CHR5:22711786	SSF x LoA	-7,90201138	0,143	0,306
CHR5	22711787	CHR5:22711787	SSF x LoA	-11,1350057	-0,089	0,308
CHR5	22711842	CHR5:22711842	SSF x LoA	-7,78005995	-0,039	0,309
CHR5	22711859	CHR5:22711859	SSF x LoA	-9,58729862	0,051	0,305
CHR5	22721685	CHR5:22721685	SSF x LoA	-6,33389001	-0,086	0,311
CHR5	22721741	CHR5:22721741	SSF x LoA	-9,70221122	-0,095	0,296
CHR5	22721748	CHR5:22721748	SSF x LoA	-10,6524451	-0,001	0,291
CHR5	22721846	CHR5:22721846	SSF x LoA	-11,2909436	-0,068	0,301
CHR5	22721912	CHR5:22721912	SSF x LoA	-11,6223653	0,040	0,303

CHR5	22721924	CHR5:22721924	SSF x LoA	-8,57713268	0,040	0,312
CHR5	22721938	CHR5:22721938	SSF x LoA	-8,92128982	-0,006	0,312
CHR5	22721952	CHR5:22721952	SSF x LoA	-10,3094159	-0,051	0,306
CHR5	22730265	CHR5:22730265	SSF x LoA	-9,39816702	0,144	0,305
CHR5	22730266	CHR5:22730266	SSF x LoA	-8,00640735	0,131	0,297
CHR5	22730294	CHR5:22730294	SSF x LoA	-9,90586869	-0,146	0,294
CHR5	22730487	CHR5:22730487	SSF x LoA	-9,92060033	0,085	0,314
CHR5	2273771	CHR5:2273771	SSF x LoA	-8,39551098	-0,114	0,295
CHR5	22738423	CHR5:22738423	SSF x LoA	-6,83875474	-0,094	0,300
CHR5	22738457	CHR5:22738457	SSF x LoA	-7,66086275	0,125	0,305
CHR5	22738461	CHR5:22738461	SSF x LoA	-9,22391066	-0,062	0,306
CHR5	22738537	CHR5:22738537	SSF x LoA	-10,1632704	-0,053	0,305
CHR5	22743069	CHR5:22743069	SSF x LoA	-6,63584839	-0,139	0,300
CHR5	22747147	CHR5:22747147	SSF x LoA	-9,2135628	-0,031	0,305
CHR5	22747148	CHR5:22747148	SSF x LoA	-9,89261694	-0,042	0,317
CHR5	22747193	CHR5:22747193	SSF x LoA	-6,34599775	-0,026	0,302
CHR5	22747222	CHR5:22747222	SSF x LoA	-7,65868796	-0,072	0,306
CHR5	22747223	CHR5:22747223	SSF x LoA	-10,5922568	-0,085	0,312
CHR5	22747227	CHR5:22747227	SSF x LoA	-4,74928051	-0,097	0,308
CHR5	22747295	CHR5:22747295	SSF x LoA	-8,74489768	-0,010	0,304
CHR5	22747346	CHR5:22747346	SSF x LoA	-9,50336256	-0,065	0,300
CHR5	2275408	CHR5:2275408	SSF x LoA	-10,5610305	0,123	0,304
CHR5	22756241	CHR5:22756241	SSF x LoA	-9,79836236	0,120	0,288
CHR5	22756277	CHR5:22756277	SSF x LoA	-8,7057835	-0,027	0,309
CHR5	22756311	CHR5:22756311	SSF x LoA	-8,74722873	-0,117	0,302
CHR5	22756329	CHR5:22756329	SSF x LoA	-9,92757588	-0,088	0,320
CHR5	22756382	CHR5:22756382	SSF x LoA	-10,4886522	-0,032	0,305
CHR5	22762376	CHR5:22762376	SSF x LoA	-10,0982693	0,016	0,308
CHR5	2277669	CHR5:2277669	SSF x LoA	6,41937797	-0,120	0,309
CHR5	22777368	CHR5:22777368	SSF x LoA	-9,79610798	0,067	0,302
CHR5	2277740	CHR5:2277740	SSF x LoA	-11,0720699	0,060	0,304
CHR5	22777451	CHR5:22777451	SSF x LoA	-9,60195131	-0,002	0,303
CHR5	22777466	CHR5:22777466	SSF x LoA	-8,97739653	-0,038	0,303
CHR5	22784035	CHR5:22784035	SSF x LoA	-7,84817815	0,155	0,298
CHR5	22784038	CHR5:22784038	SSF x LoA	-9,63139905	0,066	0,309
CHR5	2278645	CHR5:2278645	SSF x LoA	-5,72046583	0,014	0,317
CHR5	22786861	CHR5:22786861	SSF x LoA	-9,61325722	0,063	0,308
CHR5	22796508	CHR5:22796508	SSF x LoA	-11,0704361	0,029	0,317
CHR5	22803521	CHR5:22803521	SSF x LoA	-8,72808243	-0,159	0,308
CHR5	22820659	CHR5:22820659	SSF x LoA	-10,5743981	-0,030	0,321
CHR5	2286340	CHR5:2286340	SSF x LoA	-10,0694633	0,049	0,300
CHR5	2286341	CHR5:2286341	SSF x LoA	-7,37161855	0,091	0,316
CHR5	2286363	CHR5:2286363	SSF x LoA	-9,00669792	-0,002	0,301
CHR5	2286365	CHR5:2286365	SSF x LoA	-9,82477505	0,004	0,309
CHR5	2286372	CHR5:2286372	SSF x LoA	-7,69039106	-0,021	0,303
CHR5	2286376	CHR5:2286376	SSF x LoA	-10,2834289	-0,040	0,304
CHR5	2286428	CHR5:2286428	SSF x LoA	-11,2973203	0,015	0,297
CHR5	2286431	CHR5:2286431	SSF x LoA	-7,39929738	-0,048	0,298
CHR5	2286434	CHR5:2286434	SSF x LoA	-9,04402327	0,086	0,302
CHR5	22868434	CHR5:22868434	SSF x LoA	-9,70126324	0,029	0,300
CHR5	22868583	CHR5:22868583	SSF x LoA	-11,4240488	0,010	0,299
CHR5	22874063	CHR5:22874063	SSF x LoA	-10,896889	-0,033	0,319
CHR5	22874156	CHR5:22874156	SSF x LoA	-8,89514465	0,023	0,305

CHR5	22878000	CHR5:22878000	SSF x LoA	-10,9845108	-0,038	0,315
CHR5	22878006	CHR5:22878006	SSF x LoA	-9,47653672	0,128	0,297
CHR5	2290660	CHR5:2290660	SSF x LoA	-8,20224085	0,137	0,299
CHR5	22914388	CHR5:22914388	SSF x LoA	-9,77167541	0,053	0,306
CHR5	22927075	CHR5:22927075	SSF x LoA	-11,1255503	-0,021	0,308
CHR5	22927081	CHR5:22927081	SSF x LoA	-8,58758218	-0,006	0,325
CHR5	22927157	CHR5:22927157	SSF x LoA	-8,84189359	0,000	0,298
CHR5	22927175	CHR5:22927175	SSF x LoA	-8,11525198	-0,046	0,306
CHR5	22927180	CHR5:22927180	SSF x LoA	-8,83297504	-0,067	0,309
CHR5	22927199	CHR5:22927199	SSF x LoA	-9,43896204	0,011	0,302
CHR5	22932776	CHR5:22932776	SSF x LoA	-8,40379573	-0,090	0,300
CHR5	22932855	CHR5:22932855	SSF x LoA	-10,0253564	-0,018	0,314
CHR5	22947702	CHR5:22947702	SSF x LoA	-9,36813131	0,048	0,310
CHR5	22947734	CHR5:22947734	SSF x LoA	-8,91591283	0,007	0,307
CHR5	22947740	CHR5:22947740	SSF x LoA	-9,34889713	-0,005	0,316
CHR5	22947755	CHR5:22947755	SSF x LoA	-11,8010675	0,016	0,303
CHR5	22947756	CHR5:22947756	SSF x LoA	-11,4348683	0,058	0,290
CHR5	22947769	CHR5:22947769	SSF x LoA	-9,99248917	0,022	0,311
CHR5	22947774	CHR5:22947774	SSF x LoA	-11,4308862	-0,001	0,303
CHR5	22947824	CHR5:22947824	SSF x LoA	-10,6069893	0,012	0,318
CHR5	22952270	CHR5:22952270	SSF x LoA	-6,13455	0,011	0,322
CHR5	2295700	CHR5:2295700	SSF x LoA	-7,94822416	0,061	0,303
CHR5	22957976	CHR5:22957976	SSF x LoA	-8,90217801	0,033	0,294
CHR5	22965411	CHR5:22965411	SSF x LoA	-4,4545473	0,098	0,314
CHR5	2297563	CHR5:2297563	SSF x LoA	3,09906548	0,082	0,307
CHR5	2297586	CHR5:2297586	SSF x LoA	-8,57368024	-0,087	0,308
CHR5	2297749	CHR5:2297749	SSF x LoA	-9,70485536	0,101	0,307
CHR5	2297759	CHR5:2297759	SSF x LoA	-8,63780282	-0,049	0,306
CHR5	2297767	CHR5:2297767	SSF x LoA	-7,61048709	-0,060	0,318
CHR5	23016685	CHR5:23016685	SSF x LoA	-9,37136887	-0,041	0,307
CHR5	23016779	CHR5:23016779	SSF x LoA	-11,0128256	0,062	0,306
CHR5	23016824	CHR5:23016824	SSF x LoA	-10,143792	-0,010	0,310
CHR5	23019929	CHR5:23019929	SSF x LoA	-9,36677676	0,006	0,300
CHR5	23019984	CHR5:23019984	SSF x LoA	-5,16377989	-0,027	0,311
CHR5	23020008	CHR5:23020008	SSF x LoA	-8,59171725	-0,097	0,308
CHR5	23020556	CHR5:23020556	SSF x LoA	-11,0511177	0,089	0,299
CHR5	23029071	CHR5:23029071	SSF x LoA	-10,082866	0,116	0,296
CHR5	23029135	CHR5:23029135	SSF x LoA	-4,10916369	-0,135	0,309
CHR5	23037951	CHR5:23037951	SSF x LoA	-5,69860181	0,049	0,311
CHR5	23040946	CHR5:23040946	SSF x LoA	-10,0505746	-0,076	0,299
CHR5	23041018	CHR5:23041018	SSF x LoA	-11,6675137	-0,001	0,298
CHR5	23041040	CHR5:23041040	SSF x LoA	-9,97328884	-0,051	0,309
CHR5	23041130	CHR5:23041130	SSF x LoA	-7,74429552	-0,093	0,306
CHR5	23041131	CHR5:23041131	SSF x LoA	-6,0884676	0,081	0,301
CHR5	23047363	CHR5:23047363	SSF x LoA	-10,4149245	-0,022	0,306
CHR5	23047373	CHR5:23047373	SSF x LoA	-10,0444806	0,008	0,302
CHR5	23047385	CHR5:23047385	SSF x LoA	-2,62589344	0,095	0,307
CHR5	23047403	CHR5:23047403	SSF x LoA	-11,5930135	-0,069	0,308
CHR5	23047591	CHR5:23047591	SSF x LoA	-9,27874108	-0,037	0,304
CHR5	23052057	CHR5:23052057	SSF x LoA	-10,0132384	0,027	0,313
CHR5	23053130	CHR5:23053130	SSF x LoA	-8,36119673	-0,060	0,316
CHR5	23053142	CHR5:23053142	SSF x LoA	-8,54657522	0,092	0,305
CHR5	23055048	CHR5:23055048	SSF x LoA	-11,1595211	-0,055	0,297

CHR5	23055159	CHR5:23055159	SSF x LoA	-11,2032435	0,036	0,315
CHR5	23055195	CHR5:23055195	SSF x LoA	-10,3323059	0,088	0,304
CHR5	23061616	CHR5:23061616	SSF x LoA	-9,75119497	0,048	0,306
CHR5	23067791	CHR5:23067791	SSF x LoA	-8,74100867	-0,023	0,314
CHR5	23084409	CHR5:23084409	SSF x LoA	-10,8201577	-0,007	0,307
CHR5	23096692	CHR5:23096692	SSF x LoA	-11,5702369	-0,002	0,317
CHR5	23096746	CHR5:23096746	SSF x LoA	-8,51206977	0,051	0,308
CHR5	23110197	CHR5:23110197	SSF x LoA	2,77238283	-0,003	0,308
CHR5	23115956	CHR5:23115956	SSF x LoA	-10,5984645	-0,033	0,304
CHR5	23119053	CHR5:23119053	SSF x LoA	-11,0403883	0,047	0,292
CHR5	23119138	CHR5:23119138	SSF x LoA	-11,1111615	-0,013	0,292
CHR5	23150636	CHR5:23150636	SSF x LoA	-8,70469298	0,091	0,300
CHR5	23173981	CHR5:23173981	SSF x LoA	-11,6182474	-0,079	0,307
CHR5	23174064	CHR5:23174064	SSF x LoA	-6,95709696	0,146	0,306
CHR5	23174076	CHR5:23174076	SSF x LoA	-7,38078954	0,146	0,307
CHR5	23177489	CHR5:23177489	SSF x LoA	-9,07912877	-0,043	0,306
CHR5	23178769	CHR5:23178769	SSF x LoA	-7,47868722	-0,081	0,308
CHR5	23184254	CHR5:23184254	SSF x LoA	-8,4408658	0,047	0,300
CHR5	23184509	CHR5:23184509	SSF x LoA	-10,6097691	0,054	0,303
CHR5	23198274	CHR5:23198274	SSF x LoA	-3,36962856	0,101	0,302
CHR5	23204613	CHR5:23204613	SSF x LoA	-8,49021108	0,122	0,304
CHR5	23211761	CHR5:23211761	SSF x LoA	-7,85528304	-0,084	0,316
CHR5	23218697	CHR5:23218697	SSF x LoA	-8,30257318	-0,106	0,302
CHR5	23220605	CHR5:23220605	SSF x LoA	-10,172505	-0,033	0,284
CHR5	23220621	CHR5:23220621	SSF x LoA	-9,61415832	-0,116	0,296
CHR5	23220639	CHR5:23220639	SSF x LoA	-9,69068219	-0,083	0,287
CHR5	23239168	CHR5:23239168	SSF x LoA	-9,60196089	0,017	0,313
CHR5	23239171	CHR5:23239171	SSF x LoA	-8,85970254	0,058	0,307
CHR5	23239336	CHR5:23239336	SSF x LoA	-8,38209328	-0,033	0,323
CHR5	23240361	CHR5:23240361	SSF x LoA	-10,3558298	-0,059	0,306
CHR5	2326618	CHR5:2326618	SSF x LoA	-10,9674583	0,002	0,291
CHR5	23285678	CHR5:23285678	SSF x LoA	-11,0489761	-0,010	0,314
CHR5	23285741	CHR5:23285741	SSF x LoA	-8,36530078	0,092	0,300
CHR5	23286857	CHR5:23286857	SSF x LoA	-9,97539539	-0,050	0,302
CHR5	23286890	CHR5:23286890	SSF x LoA	-9,95236675	-0,100	0,298
CHR5	23286894	CHR5:23286894	SSF x LoA	-9,73802034	-0,040	0,308
CHR5	23286973	CHR5:23286973	SSF x LoA	-8,60054219	0,098	0,303
CHR5	23286982	CHR5:23286982	SSF x LoA	-10,3956503	0,080	0,304
CHR5	23286990	CHR5:23286990	SSF x LoA	-10,1147341	-0,016	0,298
CHR5	23287060	CHR5:23287060	SSF x LoA	-10,7592285	-0,009	0,301
CHR5	23287109	CHR5:23287109	SSF x LoA	-9,75196997	-0,032	0,314
CHR5	23287128	CHR5:23287128	SSF x LoA	-0,82284701	0,065	0,303
CHR5	2329812	CHR5:2329812	SSF x LoA	-8,30455562	0,029	0,308
CHR5	2329833	CHR5:2329833	SSF x LoA	-8,84609999	0,137	0,302
CHR5	23302567	CHR5:23302567	SSF x LoA	-7,61909666	0,090	0,306
CHR5	23302623	CHR5:23302623	SSF x LoA	-9,4327345	-0,113	0,301
CHR5	23302673	CHR5:23302673	SSF x LoA	-8,5873191	0,109	0,299
CHR5	23302687	CHR5:23302687	SSF x LoA	-8,2354623	-0,072	0,299
CHR5	23303124	CHR5:23303124	SSF x LoA	-8,25928897	-0,040	0,319
CHR5	23303128	CHR5:23303128	SSF x LoA	-8,27910214	0,005	0,308
CHR5	23303142	CHR5:23303142	SSF x LoA	-7,60552022	0,047	0,296
CHR5	23309452	CHR5:23309452	SSF x LoA	-10,2910802	-0,093	0,307
CHR5	23309606	CHR5:23309606	SSF x LoA	1,90999724	-0,102	0,319

CHR5	2331860	CHR5:2331860	SSF x LoA	-9,42127929	0,042	0,307
CHR5	23318741	CHR5:23318741	SSF x LoA	-4,02970991	0,070	0,311
CHR5	23318963	CHR5:23318963	SSF x LoA	-9,93619974	-0,137	0,295
CHR5	23319004	CHR5:23319004	SSF x LoA	-8,49656056	-0,093	0,319
CHR5	2332106	CHR5:2332106	SSF x LoA	-9,47622469	0,013	0,314
CHR5	2332154	CHR5:2332154	SSF x LoA	-11,7530148	0,037	0,304
CHR5	23321635	CHR5:23321635	SSF x LoA	-8,65739215	-0,029	0,300
CHR5	23330838	CHR5:23330838	SSF x LoA	-10,7477654	-0,077	0,306
CHR5	23330936	CHR5:23330936	SSF x LoA	-8,35449369	0,159	0,292
CHR5	23332014	CHR5:23332014	SSF x LoA	-8,82004348	0,000	0,321
CHR5	23342093	CHR5:23342093	SSF x LoA	-7,77735256	0,206	0,302
CHR5	23342254	CHR5:23342254	SSF x LoA	-6,80697513	0,149	0,294
CHR5	23346388	CHR5:23346388	SSF x LoA	-9,61154394	0,012	0,302
CHR5	23347557	CHR5:23347557	SSF x LoA	-10,1218646	-0,046	0,302
CHR5	23358248	CHR5:23358248	SSF x LoA	-9,26947852	0,016	0,302
CHR5	23358263	CHR5:23358263	SSF x LoA	-9,76876589	-0,184	0,290
CHR5	23375040	CHR5:23375040	SSF x LoA	-6,99534761	-0,148	0,305
CHR5	23375056	CHR5:23375056	SSF x LoA	-11,6958362	0,042	0,306
CHR5	23377770	CHR5:23377770	SSF x LoA	-11,8009955	0,049	0,294
CHR5	23377792	CHR5:23377792	SSF x LoA	-9,45982658	0,068	0,317
CHR5	23377795	CHR5:23377795	SSF x LoA	-11,3975096	0,056	0,302
CHR5	23377799	CHR5:23377799	SSF x LoA	-7,71339422	-0,018	0,313
CHR5	23377904	CHR5:23377904	SSF x LoA	-11,4740566	0,009	0,304
CHR5	23377945	CHR5:23377945	SSF x LoA	-10,4683024	0,084	0,304
CHR5	23389328	CHR5:23389328	SSF x LoA	-7,68899627	0,157	0,307
CHR5	23389338	CHR5:23389338	SSF x LoA	-11,114524	-0,042	0,313
CHR5	23389347	CHR5:23389347	SSF x LoA	-8,3493087	0,098	0,313
CHR5	23389411	CHR5:23389411	SSF x LoA	-5,70675727	-0,016	0,303
CHR5	23389432	CHR5:23389432	SSF x LoA	-10,306685	-0,121	0,299
CHR5	23389513	CHR5:23389513	SSF x LoA	-6,06130121	-0,148	0,295
CHR5	23389518	CHR5:23389518	SSF x LoA	-3,95552131	-0,133	0,308
CHR5	23399418	CHR5:23399418	SSF x LoA	-8,21058436	-0,159	0,303
CHR5	23399430	CHR5:23399430	SSF x LoA	-8,33828809	0,098	0,316
CHR5	23399482	CHR5:23399482	SSF x LoA	-11,8308837	-0,027	0,302
CHR5	23399501	CHR5:23399501	SSF x LoA	-10,0299435	0,068	0,312
CHR5	23399544	CHR5:23399544	SSF x LoA	-11,3916968	0,008	0,320
CHR5	23408195	CHR5:23408195	SSF x LoA	-6,28476787	0,066	0,301
CHR5	23408200	CHR5:23408200	SSF x LoA	-8,5515742	-0,114	0,296
CHR5	23408251	CHR5:23408251	SSF x LoA	-9,32636436	-0,173	0,306
CHR5	23408279	CHR5:23408279	SSF x LoA	-10,9214968	-0,035	0,313
CHR5	23408280	CHR5:23408280	SSF x LoA	-10,8230943	-0,009	0,319
CHR5	23408281	CHR5:23408281	SSF x LoA	-11,7476322	-0,017	0,293
CHR5	23408309	CHR5:23408309	SSF x LoA	-9,71361701	-0,021	0,318
CHR5	23408329	CHR5:23408329	SSF x LoA	-11,0321002	-0,052	0,299
CHR5	23411791	CHR5:23411791	SSF x LoA	-8,62532184	0,040	0,304
CHR5	23411853	CHR5:23411853	SSF x LoA	-9,22333816	-0,107	0,299
CHR5	23416643	CHR5:23416643	SSF x LoA	-10,0583889	-0,121	0,297
CHR5	23416677	CHR5:23416677	SSF x LoA	-10,1820135	0,025	0,301
CHR5	23416758	CHR5:23416758	SSF x LoA	-10,0393186	0,005	0,300
CHR5	23419179	CHR5:23419179	SSF x LoA	-8,52374277	0,056	0,309
CHR5	23422692	CHR5:23422692	SSF x LoA	-10,970683	0,123	0,301
CHR5	23422748	CHR5:23422748	SSF x LoA	-7,91706309	0,093	0,300
CHR5	23422772	CHR5:23422772	SSF x LoA	-8,30461987	0,062	0,308

CHR5	23424674	CHR5:23424674	SSF x LoA	-11,8684927	0,008	0,301
CHR5	23424713	CHR5:23424713	SSF x LoA	-10,2990248	0,033	0,319
CHR5	23424728	CHR5:23424728	SSF x LoA	-11,0684718	-0,026	0,314
CHR5	23424739	CHR5:23424739	SSF x LoA	-11,5545405	-0,027	0,311
CHR5	23424793	CHR5:23424793	SSF x LoA	-8,10037725	-0,060	0,314
CHR5	23424811	CHR5:23424811	SSF x LoA	-10,6490594	-0,073	0,298
CHR5	23424831	CHR5:23424831	SSF x LoA	-6,6216929	-0,003	0,303
CHR5	23424887	CHR5:23424887	SSF x LoA	-10,8363083	-0,028	0,300
CHR5	23445783	CHR5:23445783	SSF x LoA	-10,0034768	-0,045	0,325
CHR5	23453343	CHR5:23453343	SSF x LoA	-5,65667744	0,004	0,299
CHR5	23453815	CHR5:23453815	SSF x LoA	-8,01121041	-0,052	0,305
CHR5	23453823	CHR5:23453823	SSF x LoA	-8,44729787	0,007	0,312
CHR5	23462124	CHR5:23462124	SSF x LoA	-8,46185799	0,016	0,319
CHR5	23462162	CHR5:23462162	SSF x LoA	-10,6503638	-0,015	0,302
CHR5	23479686	CHR5:23479686	SSF x LoA	-10,1098394	-0,020	0,308
CHR5	23479908	CHR5:23479908	SSF x LoA	2,84956575	-0,020	0,312
CHR5	23481888	CHR5:23481888	SSF x LoA	-9,2106345	-0,081	0,296
CHR5	23482641	CHR5:23482641	SSF x LoA	-9,66742576	-0,043	0,300
CHR5	23482677	CHR5:23482677	SSF x LoA	-9,75661634	0,179	0,303
CHR5	23493137	CHR5:23493137	SSF x LoA	-8,47973416	-0,109	0,296
CHR5	23507306	CHR5:23507306	SSF x LoA	-6,18401947	-0,050	0,319
CHR5	23514950	CHR5:23514950	SSF x LoA	-11,4166795	0,038	0,319
CHR5	23515017	CHR5:23515017	SSF x LoA	-11,7560124	-0,016	0,302
CHR5	23518138	CHR5:23518138	SSF x LoA	-9,8216544	-0,054	0,320
CHR5	23519057	CHR5:23519057	SSF x LoA	-4,3351355	0,132	0,321
CHR5	23520144	CHR5:23520144	SSF x LoA	-9,54207401	-0,054	0,312
CHR5	23520206	CHR5:23520206	SSF x LoA	-10,7081495	0,049	0,298
CHR5	23520213	CHR5:23520213	SSF x LoA	-11,5135504	0,025	0,302
CHR5	23521485	CHR5:23521485	SSF x LoA	-8,73749681	0,077	0,303
CHR5	23521536	CHR5:23521536	SSF x LoA	-8,513441	-0,052	0,323
CHR5	23521567	CHR5:23521567	SSF x LoA	-8,28612593	-0,056	0,309
CHR5	23521741	CHR5:23521741	SSF x LoA	-9,42560018	-0,140	0,299
CHR5	23526200	CHR5:23526200	SSF x LoA	-9,72647782	0,098	0,279
CHR5	23543465	CHR5:23543465	SSF x LoA	-9,75132718	0,097	0,303
CHR5	23543472	CHR5:23543472	SSF x LoA	-8,21149581	0,078	0,303
CHR5	23548773	CHR5:23548773	SSF x LoA	-8,87043871	0,057	0,304
CHR5	23548779	CHR5:23548779	SSF x LoA	-9,01100368	-0,128	0,308
CHR5	23549806	CHR5:23549806	SSF x LoA	-7,45587531	0,148	0,308
CHR5	23549849	CHR5:23549849	SSF x LoA	-10,0647822	0,020	0,302
CHR5	23558125	CHR5:23558125	SSF x LoA	-10,0186279	0,093	0,308
CHR5	23567355	CHR5:23567355	SSF x LoA	-9,29084636	0,046	0,301
CHR5	23567365	CHR5:23567365	SSF x LoA	-10,4573416	-0,006	0,308
CHR5	23567387	CHR5:23567387	SSF x LoA	-11,1484304	-0,003	0,310
CHR5	23567396	CHR5:23567396	SSF x LoA	-11,0437882	-0,108	0,301
CHR5	23582675	CHR5:23582675	SSF x LoA	-5,82180889	0,096	0,313
CHR5	23582717	CHR5:23582717	SSF x LoA	-11,1805761	0,024	0,310
CHR5	23582748	CHR5:23582748	SSF x LoA	-10,3141236	-0,028	0,306
CHR5	23582776	CHR5:23582776	SSF x LoA	-4,88285313	-0,143	0,306
CHR5	23586660	CHR5:23586660	SSF x LoA	-5,08111958	-0,084	0,308
CHR5	23586692	CHR5:23586692	SSF x LoA	-9,57825918	0,066	0,297
CHR5	23586729	CHR5:23586729	SSF x LoA	-10,4262537	0,108	0,300
CHR5	23586759	CHR5:23586759	SSF x LoA	-9,64326607	0,141	0,295
CHR5	23586764	CHR5:23586764	SSF x LoA	-4,45327162	0,118	0,311

CHR5	23589386	CHR5:23589386	SSF x LoA	-9,12822008	0,013	0,308
CHR5	23593777	CHR5:23593777	SSF x LoA	-7,30749505	0,162	0,307
CHR5	23593794	CHR5:23593794	SSF x LoA	-10,330683	-0,057	0,283
CHR5	23594004	CHR5:23594004	SSF x LoA	-11,7017822	-0,006	0,302
CHR5	23594043	CHR5:23594043	SSF x LoA	-8,15442629	-0,047	0,313
CHR5	23594103	CHR5:23594103	SSF x LoA	-8,29954726	0,057	0,300
CHR5	23594104	CHR5:23594104	SSF x LoA	-9,09289298	0,045	0,303
CHR5	23595670	CHR5:23595670	SSF x LoA	-10,1832506	-0,126	0,311
CHR5	23595783	CHR5:23595783	SSF x LoA	-8,51705061	0,024	0,308
CHR5	2360069	CHR5:2360069	SSF x LoA	-7,85618214	-0,122	0,291
CHR5	2360083	CHR5:2360083	SSF x LoA	-9,8457524	-0,092	0,315
CHR5	2360084	CHR5:2360084	SSF x LoA	-7,46033979	0,036	0,309
CHR5	23603250	CHR5:23603250	SSF x LoA	-11,1584313	0,044	0,310
CHR5	2360355	CHR5:2360355	SSF x LoA	-11,08392	0,067	0,304
CHR5	23616234	CHR5:23616234	SSF x LoA	-6,69758014	-0,141	0,317
CHR5	23621677	CHR5:23621677	SSF x LoA	-8,59110172	-0,069	0,296
CHR5	23626273	CHR5:23626273	SSF x LoA	-11,7561391	-0,028	0,311
CHR5	23626283	CHR5:23626283	SSF x LoA	-8,76825283	0,025	0,298
CHR5	2362629	CHR5:2362629	SSF x LoA	-7,16299406	-0,016	0,309
CHR5	23626336	CHR5:23626336	SSF x LoA	-8,32318866	-0,071	0,305
CHR5	2362671	CHR5:2362671	SSF x LoA	-8,63685232	-0,099	0,309
CHR5	2363599	CHR5:2363599	SSF x LoA	-7,01916976	0,181	0,292
CHR5	2363631	CHR5:2363631	SSF x LoA	-6,65516437	-0,105	0,302
CHR5	2363647	CHR5:2363647	SSF x LoA	-11,3983906	-0,032	0,304
CHR5	23640877	CHR5:23640877	SSF x LoA	-11,4909341	0,067	0,308
CHR5	23640888	CHR5:23640888	SSF x LoA	-8,73075341	0,005	0,319
CHR5	23640946	CHR5:23640946	SSF x LoA	-11,4612779	-0,007	0,309
CHR5	23640953	CHR5:23640953	SSF x LoA	-8,97839736	0,075	0,291
CHR5	23649098	CHR5:23649098	SSF x LoA	-10,099778	-0,041	0,319
CHR5	23649099	CHR5:23649099	SSF x LoA	-11,3197467	-0,045	0,319
CHR5	23656252	CHR5:23656252	SSF x LoA	-11,2019837	0,013	0,312
CHR5	23656505	CHR5:23656505	SSF x LoA	-9,44699215	-0,019	0,324
CHR5	23662402	CHR5:23662402	SSF x LoA	-9,46739973	-0,030	0,304
CHR5	23662443	CHR5:23662443	SSF x LoA	-9,7384004	-0,074	0,311
CHR5	23662484	CHR5:23662484	SSF x LoA	-8,75737533	-0,116	0,298
CHR5	23662631	CHR5:23662631	SSF x LoA	-11,9200595	0,007	0,305
CHR5	23662632	CHR5:23662632	SSF x LoA	-10,7126777	0,091	0,311
CHR5	23662650	CHR5:23662650	SSF x LoA	-6,85418009	0,138	0,308
CHR5	23663754	CHR5:23663754	SSF x LoA	-11,074509	0,030	0,300
CHR5	23663776	CHR5:23663776	SSF x LoA	-6,24883718	-0,003	0,298
CHR5	23663814	CHR5:23663814	SSF x LoA	-9,32116796	0,033	0,296
CHR5	23674423	CHR5:23674423	SSF x LoA	-8,38650494	0,114	0,303
CHR5	23674621	CHR5:23674621	SSF x LoA	-4,61654105	-0,210	0,295
CHR5	23680609	CHR5:23680609	SSF x LoA	-10,1719781	0,072	0,293
CHR5	23680628	CHR5:23680628	SSF x LoA	-10,9396422	0,068	0,295
CHR5	23680638	CHR5:23680638	SSF x LoA	-7,86147057	-0,147	0,295
CHR5	23680651	CHR5:23680651	SSF x LoA	-8,76437749	0,035	0,312
CHR5	23680693	CHR5:23680693	SSF x LoA	-10,7391234	0,057	0,311
CHR5	23680705	CHR5:23680705	SSF x LoA	-10,1550086	-0,070	0,300
CHR5	23680713	CHR5:23680713	SSF x LoA	-10,5715349	0,069	0,318
CHR5	23680722	CHR5:23680722	SSF x LoA	-9,26590032	-0,040	0,317
CHR5	23680839	CHR5:23680839	SSF x LoA	-8,79602956	0,016	0,328
CHR5	23680848	CHR5:23680848	SSF x LoA	-9,88823821	0,142	0,297

CHR5	23683765	CHR5:23683765	SSF x LoA	-11,5414488	0,071	0,295
CHR5	23684294	CHR5:23684294	SSF x LoA	-8,92174946	0,062	0,317
CHR5	23695637	CHR5:23695637	SSF x LoA	-5,48326816	0,089	0,304
CHR5	23695663	CHR5:23695663	SSF x LoA	-7,93514741	0,146	0,303
CHR5	23700493	CHR5:23700493	SSF x LoA	-11,3272368	0,065	0,297
CHR5	2370239	CHR5:2370239	SSF x LoA	-9,11825083	-0,048	0,311
CHR5	2370348	CHR5:2370348	SSF x LoA	-10,7195584	0,053	0,304
CHR5	2370382	CHR5:2370382	SSF x LoA	-9,75773301	-0,092	0,317
CHR5	2370528	CHR5:2370528	SSF x LoA	-5,84020216	0,008	0,298
CHR5	23708243	CHR5:23708243	SSF x LoA	-8,97475014	-0,078	0,308
CHR5	23720678	CHR5:23720678	SSF x LoA	-8,0788392	0,183	0,291
CHR5	23720716	CHR5:23720716	SSF x LoA	-8,02768237	-0,104	0,298
CHR5	23720734	CHR5:23720734	SSF x LoA	-9,26993331	0,024	0,298
CHR5	23720777	CHR5:23720777	SSF x LoA	-6,71413747	-0,154	0,313
CHR5	23720779	CHR5:23720779	SSF x LoA	-9,64848532	0,030	0,303
CHR5	23720903	CHR5:23720903	SSF x LoA	-4,52952048	-0,042	0,301
CHR5	23722421	CHR5:23722421	SSF x LoA	-10,0973237	0,021	0,309
CHR5	23722427	CHR5:23722427	SSF x LoA	-11,6480807	0,005	0,298
CHR5	23722449	CHR5:23722449	SSF x LoA	-11,2764206	0,001	0,306
CHR5	23722584	CHR5:23722584	SSF x LoA	-9,92172384	0,072	0,302
CHR5	23722597	CHR5:23722597	SSF x LoA	-9,00213166	-0,017	0,299
CHR5	23731860	CHR5:23731860	SSF x LoA	-10,6412752	0,063	0,304
CHR5	23731927	CHR5:23731927	SSF x LoA	-9,56680941	-0,033	0,312
CHR5	23734703	CHR5:23734703	SSF x LoA	-10,3682425	0,003	0,302
CHR5	23734822	CHR5:23734822	SSF x LoA	-6,58088473	-0,011	0,315
CHR5	23736294	CHR5:23736294	SSF x LoA	-11,7715464	-0,028	0,298
CHR5	23740735	CHR5:23740735	SSF x LoA	-11,1993889	-0,110	0,306
CHR5	23740915	CHR5:23740915	SSF x LoA	-10,0572102	0,048	0,316
CHR5	23744483	CHR5:23744483	SSF x LoA	-11,0384831	-0,037	0,311
CHR5	23747294	CHR5:23747294	SSF x LoA	-9,20269146	0,012	0,293
CHR5	23747322	CHR5:23747322	SSF x LoA	-6,73734237	0,043	0,312
CHR5	23748748	CHR5:23748748	SSF x LoA	-11,6010866	0,048	0,309
CHR5	23748756	CHR5:23748756	SSF x LoA	-8,60317722	-0,071	0,292
CHR5	23748807	CHR5:23748807	SSF x LoA	-12,0942585	0,036	0,305
CHR5	2376952	CHR5:2376952	SSF x LoA	-8,64179149	-0,002	0,310
CHR5	2376966	CHR5:2376966	SSF x LoA	-9,28452733	-0,022	0,317
CHR5	23789509	CHR5:23789509	SSF x LoA	-10,6669668	-0,008	0,301
CHR5	23814276	CHR5:23814276	SSF x LoA	-9,50880082	-0,045	0,310
CHR5	23814291	CHR5:23814291	SSF x LoA	-10,1596648	-0,091	0,326
CHR5	23814380	CHR5:23814380	SSF x LoA	-6,11198339	0,020	0,307
CHR5	23816484	CHR5:23816484	SSF x LoA	-10,9659962	-0,030	0,321
CHR5	23827985	CHR5:23827985	SSF x LoA	-10,3530576	-0,067	0,305
CHR5	23828002	CHR5:23828002	SSF x LoA	-6,84971255	-0,120	0,317
CHR5	23828040	CHR5:23828040	SSF x LoA	-7,28131458	-0,102	0,305
CHR5	23828050	CHR5:23828050	SSF x LoA	-8,21654828	0,093	0,307
CHR5	23828056	CHR5:23828056	SSF x LoA	-6,97895254	0,150	0,298
CHR5	23828063	CHR5:23828063	SSF x LoA	-8,53867618	-0,090	0,301
CHR5	23828125	CHR5:23828125	SSF x LoA	-8,32316997	-0,134	0,284
CHR5	23828140	CHR5:23828140	SSF x LoA	-9,56276552	0,016	0,307
CHR5	23836153	CHR5:23836153	SSF x LoA	-8,70226653	0,109	0,303
CHR5	2384566	CHR5:2384566	SSF x LoA	-10,4081716	0,035	0,313
CHR5	23852467	CHR5:23852467	SSF x LoA	-9,32229675	0,035	0,316
CHR5	23852555	CHR5:23852555	SSF x LoA	-11,7006329	-0,050	0,302

CHR5	23852576	CHR5:23852576	SSF x LoA	-6,56330633	0,086	0,309
CHR5	23862385	CHR5:23862385	SSF x LoA	-8,63775843	0,126	0,307
CHR5	23862440	CHR5:23862440	SSF x LoA	-10,1385387	0,047	0,302
CHR5	23862527	CHR5:23862527	SSF x LoA	-6,87202252	0,058	0,315
CHR5	23862569	CHR5:23862569	SSF x LoA	-6,79016877	-0,060	0,309
CHR5	23868925	CHR5:23868925	SSF x LoA	-7,97675378	-0,007	0,313
CHR5	23876771	CHR5:23876771	SSF x LoA	-9,41961533	0,044	0,307
CHR5	23887164	CHR5:23887164	SSF x LoA	-8,71078439	-0,047	0,296
CHR5	23903259	CHR5:23903259	SSF x LoA	-8,6975141	-0,015	0,301
CHR5	23903262	CHR5:23903262	SSF x LoA	-4,99819122	-0,132	0,306
CHR5	23903287	CHR5:23903287	SSF x LoA	-10,0363406	-0,104	0,300
CHR5	2390576	CHR5:2390576	SSF x LoA	-8,9546629	-0,061	0,299
CHR5	23909194	CHR5:23909194	SSF x LoA	-11,0764808	0,032	0,297
CHR5	23909201	CHR5:23909201	SSF x LoA	-7,16479384	-0,005	0,314
CHR5	23909247	CHR5:23909247	SSF x LoA	-9,91293064	0,077	0,287
CHR5	23909291	CHR5:23909291	SSF x LoA	-8,52136253	-0,020	0,307
CHR5	23909306	CHR5:23909306	SSF x LoA	-7,42983841	-0,075	0,317
CHR5	2391122	CHR5:2391122	SSF x LoA	-8,67025526	0,105	0,313
CHR5	23911756	CHR5:23911756	SSF x LoA	-11,3951989	-0,092	0,294
CHR5	23911909	CHR5:23911909	SSF x LoA	-7,90732858	-0,023	0,303
CHR5	23926753	CHR5:23926753	SSF x LoA	-9,4157613	0,019	0,310
CHR5	23926902	CHR5:23926902	SSF x LoA	-6,63059562	-0,153	0,296
CHR5	23929991	CHR5:23929991	SSF x LoA	-9,17949672	-0,068	0,306
CHR5	23929995	CHR5:23929995	SSF x LoA	-8,54844143	0,023	0,306
CHR5	23930017	CHR5:23930017	SSF x LoA	-9,11406664	-0,018	0,311
CHR5	23932277	CHR5:23932277	SSF x LoA	-11,1155002	0,058	0,311
CHR5	23941641	CHR5:23941641	SSF x LoA	-8,4366844	0,128	0,306
CHR5	23941785	CHR5:23941785	SSF x LoA	-10,7073832	-0,021	0,296
CHR5	23941798	CHR5:23941798	SSF x LoA	-10,7888753	0,023	0,317
CHR5	23941802	CHR5:23941802	SSF x LoA	-6,58112914	0,145	0,303
CHR5	23941864	CHR5:23941864	SSF x LoA	-11,0467486	-0,023	0,299
CHR5	23951819	CHR5:23951819	SSF x LoA	-8,98913271	-0,024	0,300
CHR5	23951934	CHR5:23951934	SSF x LoA	-10,4431289	0,026	0,306
CHR5	23951944	CHR5:23951944	SSF x LoA	-9,5596522	-0,032	0,310
CHR5	23954951	CHR5:23954951	SSF x LoA	-5,66786385	0,061	0,297
CHR5	23957042	CHR5:23957042	SSF x LoA	-9,83186735	0,140	0,306
CHR5	23957045	CHR5:23957045	SSF x LoA	-8,38833607	0,111	0,320
CHR5	23962542	CHR5:23962542	SSF x LoA	-9,20897587	0,022	0,294
CHR5	23962547	CHR5:23962547	SSF x LoA	-7,20759506	0,061	0,294
CHR5	23965423	CHR5:23965423	SSF x LoA	-10,6411681	0,023	0,300
CHR5	23965438	CHR5:23965438	SSF x LoA	-5,62713782	-0,204	0,288
CHR5	23982165	CHR5:23982165	SSF x LoA	-11,695378	0,060	0,302
CHR5	23982175	CHR5:23982175	SSF x LoA	-11,2346976	0,004	0,306
CHR5	23982222	CHR5:23982222	SSF x LoA	-7,84185217	-0,032	0,306
CHR5	23982249	CHR5:23982249	SSF x LoA	-9,45712628	0,145	0,306
CHR5	23986261	CHR5:23986261	SSF x LoA	-4,31576105	-0,174	0,287
CHR5	23986287	CHR5:23986287	SSF x LoA	-8,51207382	0,094	0,311
CHR5	23986412	CHR5:23986412	SSF x LoA	-8,96847713	-0,040	0,309
CHR5	23986421	CHR5:23986421	SSF x LoA	-4,32800488	-0,011	0,313
CHR5	23986455	CHR5:23986455	SSF x LoA	-1,79163884	0,225	0,298
CHR5	23988079	CHR5:23988079	SSF x LoA	-8,42434021	0,014	0,307
CHR5	23989740	CHR5:23989740	SSF x LoA	-10,1813785	0,020	0,305
CHR5	23989760	CHR5:23989760	SSF x LoA	-10,3555331	-0,016	0,312

CHR5	23989839	CHR5:23989839	SSF x LoA	-10,7782698	-0,008	0,315
CHR5	23989841	CHR5:23989841	SSF x LoA	-9,52964114	-0,147	0,292
CHR5	23989889	CHR5:23989889	SSF x LoA	-9,95180982	0,036	0,310
CHR5	23991159	CHR5:23991159	SSF x LoA	-10,8064021	-0,001	0,303
CHR5	23991257	CHR5:23991257	SSF x LoA	-9,37551032	0,055	0,315
CHR5	23994375	CHR5:23994375	SSF x LoA	-9,88504277	-0,082	0,293
CHR5	23994411	CHR5:23994411	SSF x LoA	-9,69718964	0,111	0,303
CHR5	23994456	CHR5:23994456	SSF x LoA	-6,18649802	-0,096	0,320
CHR5	23994457	CHR5:23994457	SSF x LoA	-6,26770821	-0,064	0,304
CHR5	23994590	CHR5:23994590	SSF x LoA	-9,13369425	-0,117	0,287
CHR5	23998301	CHR5:23998301	SSF x LoA	-9,97844369	0,036	0,310
CHR5	23998367	CHR5:23998367	SSF x LoA	-9,62123388	0,075	0,305
CHR5	24005171	CHR5:24005171	SSF x LoA	-10,6051141	-0,083	0,306
CHR5	24005284	CHR5:24005284	SSF x LoA	-10,872123	-0,092	0,305
CHR5	24011378	CHR5:24011378	SSF x LoA	-7,33347037	0,007	0,307
CHR5	24011448	CHR5:24011448	SSF x LoA	-8,71989972	-0,032	0,294
CHR5	24011512	CHR5:24011512	SSF x LoA	-8,82920427	0,040	0,284
CHR5	24021953	CHR5:24021953	SSF x LoA	-9,51275117	0,093	0,300
CHR5	24022044	CHR5:24022044	SSF x LoA	-6,23908934	-0,125	0,311
CHR5	24022157	CHR5:24022157	SSF x LoA	-8,04122688	0,157	0,311
CHR5	24022170	CHR5:24022170	SSF x LoA	-7,50945402	0,145	0,300
CHR5	24022201	CHR5:24022201	SSF x LoA	-9,01377586	0,093	0,313
CHR5	24022210	CHR5:24022210	SSF x LoA	-4,92638926	-0,124	0,290
CHR5	24022220	CHR5:24022220	SSF x LoA	-10,8596182	-0,081	0,299
CHR5	24036961	CHR5:24036961	SSF x LoA	-10,2590652	0,075	0,303
CHR5	24037015	CHR5:24037015	SSF x LoA	-11,5165731	-0,012	0,307
CHR5	24043511	CHR5:24043511	SSF x LoA	-8,24976182	-0,064	0,310
CHR5	24043536	CHR5:24043536	SSF x LoA	-10,9423079	0,085	0,302
CHR5	24043552	CHR5:24043552	SSF x LoA	-5,38656877	0,103	0,299
CHR5	24043719	CHR5:24043719	SSF x LoA	-8,10449455	0,174	0,287
CHR5	24043738	CHR5:24043738	SSF x LoA	-7,763129	0,147	0,314
CHR5	24043800	CHR5:24043800	SSF x LoA	-6,48046502	0,169	0,308
CHR5	24046676	CHR5:24046676	SSF x LoA	-8,32759698	-0,027	0,329
CHR5	24046776	CHR5:24046776	SSF x LoA	-10,5178951	0,024	0,291
CHR5	24057654	CHR5:24057654	SSF x LoA	-8,00034058	-0,103	0,305
CHR5	24060359	CHR5:24060359	SSF x LoA	-8,04100596	0,123	0,312
CHR5	24066217	CHR5:24066217	SSF x LoA	-5,63794683	0,050	0,313
CHR5	24066259	CHR5:24066259	SSF x LoA	-10,6519211	-0,006	0,307
CHR5	24079761	CHR5:24079761	SSF x LoA	-10,9084275	-0,092	0,290
CHR5	24082337	CHR5:24082337	SSF x LoA	-7,90662383	0,077	0,313
CHR5	24082408	CHR5:24082408	SSF x LoA	-8,5440136	0,041	0,313
CHR5	2409284	CHR5:2409284	SSF x LoA	-9,06651769	-0,008	0,305
CHR5	2409430	CHR5:2409430	SSF x LoA	-4,89589781	0,127	0,308
CHR5	24094888	CHR5:24094888	SSF x LoA	-11,1180083	0,021	0,307
CHR5	24094906	CHR5:24094906	SSF x LoA	-8,65355562	0,042	0,305
CHR5	24094968	CHR5:24094968	SSF x LoA	-5,45689668	-0,042	0,318
CHR5	2409559	CHR5:2409559	SSF x LoA	-8,45344254	-0,042	0,320
CHR5	24097184	CHR5:24097184	SSF x LoA	-10,3560476	-0,074	0,299
CHR5	24097219	CHR5:24097219	SSF x LoA	-11,3246024	0,031	0,305
CHR5	24097244	CHR5:24097244	SSF x LoA	-8,2519648	-0,054	0,320
CHR5	24097262	CHR5:24097262	SSF x LoA	-11,8690749	0,053	0,292
CHR5	24099194	CHR5:24099194	SSF x LoA	-10,4986995	0,012	0,308
CHR5	24099251	CHR5:24099251	SSF x LoA	-8,78977034	-0,180	0,274

CHR5	24099261	CHR5:24099261	SSF x LoA	-8,50926171	-0,010	0,301
CHR5	24099279	CHR5:24099279	SSF x LoA	-8,08858303	-0,053	0,313
CHR5	24099301	CHR5:24099301	SSF x LoA	-9,45829665	-0,044	0,301
CHR5	24112127	CHR5:24112127	SSF x LoA	-10,8908307	-0,058	0,316
CHR5	24112189	CHR5:24112189	SSF x LoA	-5,99501513	-0,073	0,310
CHR5	24112277	CHR5:24112277	SSF x LoA	-9,33353108	0,069	0,294
CHR5	24112289	CHR5:24112289	SSF x LoA	-10,498972	0,008	0,300
CHR5	24112338	CHR5:24112338	SSF x LoA	-3,75138096	0,062	0,306
CHR5	24112357	CHR5:24112357	SSF x LoA	-11,9677921	0,044	0,303
CHR5	24112424	CHR5:24112424	SSF x LoA	-6,79522766	0,193	0,292
CHR5	24112429	CHR5:24112429	SSF x LoA	-6,39602468	0,198	0,299
CHR5	24119166	CHR5:24119166	SSF x LoA	-7,91179829	-0,031	0,307
CHR5	24123601	CHR5:24123601	SSF x LoA	-10,887017	-0,077	0,296
CHR5	24123818	CHR5:24123818	SSF x LoA	-4,37416059	0,091	0,307
CHR5	24123831	CHR5:24123831	SSF x LoA	-9,57150181	-0,092	0,298
CHR5	24129103	CHR5:24129103	SSF x LoA	-11,5988002	0,051	0,298
CHR5	24129104	CHR5:24129104	SSF x LoA	-11,6004508	0,036	0,299
CHR5	24129113	CHR5:24129113	SSF x LoA	-8,1789738	-0,018	0,313
CHR5	24129122	CHR5:24129122	SSF x LoA	-8,75783578	0,034	0,295
CHR5	24129133	CHR5:24129133	SSF x LoA	-8,75377201	0,026	0,311
CHR5	24129340	CHR5:24129340	SSF x LoA	-10,2167602	0,014	0,323
CHR5	24153970	CHR5:24153970	SSF x LoA	-9,30335419	-0,089	0,287
CHR5	24154042	CHR5:24154042	SSF x LoA	-6,52545831	0,102	0,291
CHR5	24154063	CHR5:24154063	SSF x LoA	-11,8903656	0,038	0,302
CHR5	24156547	CHR5:24156547	SSF x LoA	-9,8595963	0,108	0,310
CHR5	24156553	CHR5:24156553	SSF x LoA	-10,7383246	-0,026	0,289
CHR5	24156574	CHR5:24156574	SSF x LoA	-9,15309978	-0,023	0,322
CHR5	24156632	CHR5:24156632	SSF x LoA	-9,70675115	0,055	0,310
CHR5	24159465	CHR5:24159465	SSF x LoA	-10,6924836	-0,039	0,298
CHR5	24159469	CHR5:24159469	SSF x LoA	-9,45986148	-0,018	0,311
CHR5	24159518	CHR5:24159518	SSF x LoA	-8,39521041	0,027	0,303
CHR5	24159549	CHR5:24159549	SSF x LoA	-8,75175715	-0,149	0,287
CHR5	2418831	CHR5:2418831	SSF x LoA	-7,65476469	0,131	0,300
CHR5	2418888	CHR5:2418888	SSF x LoA	-10,4524139	-0,103	0,313
CHR5	2418950	CHR5:2418950	SSF x LoA	-6,21653515	-0,094	0,301
CHR5	2418957	CHR5:2418957	SSF x LoA	-0,18964429	-0,157	0,298
CHR5	24194897	CHR5:24194897	SSF x LoA	-10,0734	-0,087	0,301
CHR5	24216153	CHR5:24216153	SSF x LoA	-8,88322467	0,115	0,298
CHR5	24261332	CHR5:24261332	SSF x LoA	-9,80178182	0,063	0,299
CHR5	24272027	CHR5:24272027	SSF x LoA	-8,22671884	0,040	0,318
CHR5	24272029	CHR5:24272029	SSF x LoA	-9,23690111	0,044	0,313
CHR5	24272043	CHR5:24272043	SSF x LoA	-8,47476036	0,061	0,304
CHR5	24272049	CHR5:24272049	SSF x LoA	-0,82096006	-0,209	0,303
CHR5	24272057	CHR5:24272057	SSF x LoA	-7,47691705	0,054	0,317
CHR5	24272082	CHR5:24272082	SSF x LoA	-2,97775168	0,123	0,300
CHR5	24277514	CHR5:24277514	SSF x LoA	-6,57347742	0,130	0,297
CHR5	24277593	CHR5:24277593	SSF x LoA	-7,90134358	0,117	0,312
CHR5	24277603	CHR5:24277603	SSF x LoA	-7,59645157	0,100	0,291
CHR5	24279522	CHR5:24279522	SSF x LoA	-10,7096333	0,120	0,307
CHR5	24313808	CHR5:24313808	SSF x LoA	-9,01471568	0,074	0,304
CHR5	2434255	CHR5:2434255	SSF x LoA	-10,3664348	-0,082	0,297
CHR5	2434261	CHR5:2434261	SSF x LoA	-7,6955361	-0,099	0,303
CHR5	2434270	CHR5:2434270	SSF x LoA	-7,30642458	-0,093	0,305

CHR5	2434289	CHR5:2434289	SSF x LoA	-7,12859327	-0,051	0,309
CHR5	24344052	CHR5:24344052	SSF x LoA	-7,73825589	0,024	0,311
CHR5	24345808	CHR5:24345808	SSF x LoA	-8,50077095	0,091	0,293
CHR5	24346350	CHR5:24346350	SSF x LoA	-8,24372414	-0,099	0,314
CHR5	24346362	CHR5:24346362	SSF x LoA	-8,89738194	0,005	0,299
CHR5	24371464	CHR5:24371464	SSF x LoA	-9,62756263	0,069	0,310
CHR5	24371515	CHR5:24371515	SSF x LoA	-11,3026314	0,057	0,298
CHR5	24382370	CHR5:24382370	SSF x LoA	-8,2693212	-0,105	0,307
CHR5	24382496	CHR5:24382496	SSF x LoA	-11,8156347	0,019	0,301
CHR5	24387351	CHR5:24387351	SSF x LoA	-8,92440832	-0,051	0,306
CHR5	24387361	CHR5:24387361	SSF x LoA	-9,56417937	0,032	0,310
CHR5	24387455	CHR5:24387455	SSF x LoA	-8,29740612	-0,026	0,307
CHR5	24387507	CHR5:24387507	SSF x LoA	-9,52882206	-0,028	0,314
CHR5	24387508	CHR5:24387508	SSF x LoA	-8,93249352	0,019	0,299
CHR5	24387535	CHR5:24387535	SSF x LoA	-9,87069506	0,017	0,304
CHR5	24389079	CHR5:24389079	SSF x LoA	-9,05559054	-0,125	0,301
CHR5	24389105	CHR5:24389105	SSF x LoA	-6,7064422	0,213	0,287
CHR5	24389242	CHR5:24389242	SSF x LoA	-8,81734693	-0,152	0,314
CHR5	24389243	CHR5:24389243	SSF x LoA	-10,1243906	-0,128	0,302
CHR5	2439237	CHR5:2439237	SSF x LoA	-9,76248336	-0,013	0,313
CHR5	2439258	CHR5:2439258	SSF x LoA	-8,4985948	0,052	0,303
CHR5	2439330	CHR5:2439330	SSF x LoA	-8,2169437	-0,162	0,313
CHR5	2439355	CHR5:2439355	SSF x LoA	-8,85513349	0,039	0,310
CHR5	2439365	CHR5:2439365	SSF x LoA	-7,81179506	0,054	0,317
CHR5	2439378	CHR5:2439378	SSF x LoA	-9,00167171	0,039	0,311
CHR5	2439399	CHR5:2439399	SSF x LoA	-9,39753766	0,012	0,310
CHR5	2439404	CHR5:2439404	SSF x LoA	-9,72727383	0,014	0,292
CHR5	2439406	CHR5:2439406	SSF x LoA	-5,81191562	-0,141	0,316
CHR5	2439420	CHR5:2439420	SSF x LoA	-10,00456	0,121	0,292
CHR5	2439422	CHR5:2439422	SSF x LoA	-7,69208969	-0,138	0,305
CHR5	24399915	CHR5:24399915	SSF x LoA	-8,64325106	-0,043	0,311
CHR5	24400147	CHR5:24400147	SSF x LoA	-7,62615943	-0,091	0,294
CHR5	24400162	CHR5:24400162	SSF x LoA	-5,55364455	-0,128	0,291
CHR5	2441063	CHR5:2441063	SSF x LoA	-8,88986557	0,009	0,299
CHR5	24412159	CHR5:24412159	SSF x LoA	-10,8426561	0,050	0,301
CHR5	24412298	CHR5:24412298	SSF x LoA	-8,93195548	-0,036	0,310
CHR5	24412320	CHR5:24412320	SSF x LoA	-8,48044584	0,063	0,313
CHR5	24421958	CHR5:24421958	SSF x LoA	-11,0499962	-0,098	0,297
CHR5	24425192	CHR5:24425192	SSF x LoA	-9,59049529	-0,119	0,323
CHR5	24425296	CHR5:24425296	SSF x LoA	-11,7092663	-0,023	0,280
CHR5	24425348	CHR5:24425348	SSF x LoA	-11,1118408	0,069	0,309
CHR5	24433980	CHR5:24433980	SSF x LoA	-8,57184795	-0,021	0,302
CHR5	24436107	CHR5:24436107	SSF x LoA	-10,2623307	0,050	0,308
CHR5	24438283	CHR5:24438283	SSF x LoA	-11,0171045	0,107	0,293
CHR5	24444168	CHR5:24444168	SSF x LoA	-7,79192501	-0,134	0,308
CHR5	24444184	CHR5:24444184	SSF x LoA	-7,610945	0,079	0,303
CHR5	24444239	CHR5:24444239	SSF x LoA	-7,92666611	0,102	0,311
CHR5	24444292	CHR5:24444292	SSF x LoA	-9,8244102	0,024	0,299
CHR5	24444325	CHR5:24444325	SSF x LoA	-11,9490435	-0,030	0,303
CHR5	2444779	CHR5:2444779	SSF x LoA	-10,531294	-0,042	0,309
CHR5	2444783	CHR5:2444783	SSF x LoA	-9,50272476	-0,090	0,297
CHR5	2444786	CHR5:2444786	SSF x LoA	-9,92974861	-0,069	0,305
CHR5	24449625	CHR5:24449625	SSF x LoA	-8,91525185	0,068	0,300

CHR5	24449717	CHR5:24449717	SSF x LoA	-11,2783402	-0,032	0,297
CHR5	24451224	CHR5:24451224	SSF x LoA	-10,6416276	0,084	0,308
CHR5	24451273	CHR5:24451273	SSF x LoA	1,48948782	-0,125	0,319
CHR5	24451278	CHR5:24451278	SSF x LoA	-7,07943216	-0,131	0,311
CHR5	24451279	CHR5:24451279	SSF x LoA	-7,63276015	-0,116	0,305
CHR5	24451338	CHR5:24451338	SSF x LoA	-10,5146656	0,082	0,311
CHR5	24459758	CHR5:24459758	SSF x LoA	-10,1077248	0,010	0,307
CHR5	24461435	CHR5:24461435	SSF x LoA	-10,6601614	0,033	0,306
CHR5	24461495	CHR5:24461495	SSF x LoA	-9,78151479	0,083	0,312
CHR5	24465191	CHR5:24465191	SSF x LoA	-8,25735605	0,039	0,312
CHR5	24465285	CHR5:24465285	SSF x LoA	-10,6946875	-0,018	0,301
CHR5	24465293	CHR5:24465293	SSF x LoA	-10,2532241	-0,041	0,302
CHR5	24469455	CHR5:24469455	SSF x LoA	-9,76773539	-0,042	0,308
CHR5	24469503	CHR5:24469503	SSF x LoA	-11,1166967	-0,080	0,301
CHR5	24469526	CHR5:24469526	SSF x LoA	-7,88595422	-0,032	0,299
CHR5	24469592	CHR5:24469592	SSF x LoA	-9,43753306	0,018	0,321
CHR5	24469753	CHR5:24469753	SSF x LoA	-8,18816036	-0,052	0,313
CHR5	24472238	CHR5:24472238	SSF x LoA	-10,3176289	-0,052	0,304
CHR5	24477444	CHR5:24477444	SSF x LoA	-8,38763285	0,028	0,314
CHR5	24477480	CHR5:24477480	SSF x LoA	-10,0042274	-0,048	0,307
CHR5	24477563	CHR5:24477563	SSF x LoA	-9,23034417	-0,023	0,309
CHR5	24477635	CHR5:24477635	SSF x LoA	-8,70498614	-0,026	0,304
CHR5	24488370	CHR5:24488370	SSF x LoA	-10,8818433	-0,058	0,308
CHR5	24506542	CHR5:24506542	SSF x LoA	-10,9971502	0,024	0,299
CHR5	24506569	CHR5:24506569	SSF x LoA	-9,53431225	0,044	0,322
CHR5	24506610	CHR5:24506610	SSF x LoA	-11,7228177	-0,017	0,306
CHR5	24506630	CHR5:24506630	SSF x LoA	-9,03166006	0,013	0,306
CHR5	24506643	CHR5:24506643	SSF x LoA	-11,2117675	-0,035	0,303
CHR5	24506652	CHR5:24506652	SSF x LoA	-8,99541291	0,080	0,301
CHR5	24506654	CHR5:24506654	SSF x LoA	-9,00757665	0,091	0,307
CHR5	24506665	CHR5:24506665	SSF x LoA	-8,27852764	0,055	0,318
CHR5	24506679	CHR5:24506679	SSF x LoA	-8,87042606	0,017	0,313
CHR5	24506721	CHR5:24506721	SSF x LoA	-5,06305223	0,028	0,304
CHR5	24506731	CHR5:24506731	SSF x LoA	-7,26585306	0,036	0,320
CHR5	24506752	CHR5:24506752	SSF x LoA	-8,7684979	0,031	0,315
CHR5	24506800	CHR5:24506800	SSF x LoA	-8,94971025	0,011	0,324
CHR5	24506812	CHR5:24506812	SSF x LoA	-11,1862917	0,052	0,328
CHR5	24510652	CHR5:24510652	SSF x LoA	-8,96291037	-0,016	0,304
CHR5	24510864	CHR5:24510864	SSF x LoA	-9,54573588	0,047	0,308
CHR5	24510919	CHR5:24510919	SSF x LoA	-7,99106317	0,068	0,312
CHR5	24560002	CHR5:24560002	SSF x LoA	-10,569898	-0,006	0,314
CHR5	24560028	CHR5:24560028	SSF x LoA	-11,4799182	-0,064	0,299
CHR5	24560082	CHR5:24560082	SSF x LoA	-11,7715504	-0,068	0,301
CHR5	24560251	CHR5:24560251	SSF x LoA	-9,97344082	-0,049	0,310
CHR5	24570154	CHR5:24570154	SSF x LoA	-6,19126448	0,082	0,308
CHR5	24570186	CHR5:24570186	SSF x LoA	-8,71148599	0,084	0,309
CHR5	24570200	CHR5:24570200	SSF x LoA	-10,8247498	0,092	0,302
CHR5	24570310	CHR5:24570310	SSF x LoA	-8,4390632	-0,019	0,317
CHR5	24570328	CHR5:24570328	SSF x LoA	-9,18759455	0,043	0,294
CHR5	24571850	CHR5:24571850	SSF x LoA	-10,0543334	-0,005	0,312
CHR5	24571878	CHR5:24571878	SSF x LoA	-9,24087246	0,019	0,310
CHR5	24571908	CHR5:24571908	SSF x LoA	-8,20077677	-0,038	0,305
CHR5	24571911	CHR5:24571911	SSF x LoA	-8,5984212	0,036	0,306

CHR5	24571953	CHR5:24571953	SSF x LoA	3,79963651	0,163	0,307
CHR5	24571963	CHR5:24571963	SSF x LoA	-8,78456737	-0,010	0,319
CHR5	2458180	CHR5:2458180	SSF x LoA	-7,93917043	-0,066	0,305
CHR5	2458188	CHR5:2458188	SSF x LoA	-5,81931749	0,101	0,314
CHR5	24582123	CHR5:24582123	SSF x LoA	-10,4574331	0,045	0,300
CHR5	24582145	CHR5:24582145	SSF x LoA	-10,4367254	0,052	0,313
CHR5	24582192	CHR5:24582192	SSF x LoA	-11,405468	0,034	0,301
CHR5	2458445	CHR5:2458445	SSF x LoA	-10,3858336	0,045	0,301
CHR5	24592377	CHR5:24592377	SSF x LoA	-11,2937809	-0,087	0,300
CHR5	24593606	CHR5:24593606	SSF x LoA	-9,2762363	-0,033	0,288
CHR5	24593665	CHR5:24593665	SSF x LoA	-8,98935342	0,100	0,302
CHR5	24593668	CHR5:24593668	SSF x LoA	-5,95040607	0,049	0,305
CHR5	24595114	CHR5:24595114	SSF x LoA	-10,9398826	0,010	0,302
CHR5	24595138	CHR5:24595138	SSF x LoA	-10,5580483	0,072	0,302
CHR5	24595144	CHR5:24595144	SSF x LoA	-7,67903815	0,141	0,304
CHR5	24595149	CHR5:24595149	SSF x LoA	-6,15443387	-0,168	0,298
CHR5	24595309	CHR5:24595309	SSF x LoA	-9,34049186	0,087	0,304
CHR5	24602826	CHR5:24602826	SSF x LoA	-10,6832004	0,014	0,308
CHR5	24602874	CHR5:24602874	SSF x LoA	-11,3112662	0,026	0,304
CHR5	24603675	CHR5:24603675	SSF x LoA	-10,1491911	-0,090	0,308
CHR5	24603768	CHR5:24603768	SSF x LoA	-10,803697	0,132	0,302
CHR5	24607559	CHR5:24607559	SSF x LoA	-9,45077365	-0,002	0,310
CHR5	24607560	CHR5:24607560	SSF x LoA	-9,37782558	0,108	0,320
CHR5	24608647	CHR5:24608647	SSF x LoA	-9,2073263	-0,004	0,301
CHR5	24608890	CHR5:24608890	SSF x LoA	-9,77687281	-0,080	0,310
CHR5	24620527	CHR5:24620527	SSF x LoA	-10,8219598	0,043	0,295
CHR5	24620536	CHR5:24620536	SSF x LoA	-4,81018548	-0,187	0,308
CHR5	24631938	CHR5:24631938	SSF x LoA	-8,13095842	0,133	0,308
CHR5	24631954	CHR5:24631954	SSF x LoA	-9,31263525	0,082	0,305
CHR5	24631960	CHR5:24631960	SSF x LoA	-10,1503036	-0,149	0,295
CHR5	24631979	CHR5:24631979	SSF x LoA	-9,06036285	-0,001	0,304
CHR5	24632016	CHR5:24632016	SSF x LoA	-10,6123031	0,104	0,295
CHR5	24637723	CHR5:24637723	SSF x LoA	-9,69701128	0,000	0,306
CHR5	24637737	CHR5:24637737	SSF x LoA	-9,8746403	-0,048	0,307
CHR5	24638915	CHR5:24638915	SSF x LoA	-8,56963415	-0,065	0,299
CHR5	24638950	CHR5:24638950	SSF x LoA	-9,33604397	-0,063	0,301
CHR5	24639044	CHR5:24639044	SSF x LoA	-9,40821415	0,022	0,308
CHR5	24639052	CHR5:24639052	SSF x LoA	-9,400931	-0,109	0,298
CHR5	24639146	CHR5:24639146	SSF x LoA	-8,70554054	0,002	0,310
CHR5	24641911	CHR5:24641911	SSF x LoA	-8,66712543	-0,057	0,314
CHR5	24641990	CHR5:24641990	SSF x LoA	-8,99180109	-0,039	0,308
CHR5	24641999	CHR5:24641999	SSF x LoA	-7,74932807	0,065	0,316
CHR5	24642046	CHR5:24642046	SSF x LoA	-8,94894083	-0,050	0,299
CHR5	24642058	CHR5:24642058	SSF x LoA	-10,7149364	0,058	0,316
CHR5	24642063	CHR5:24642063	SSF x LoA	-8,2316547	0,066	0,311
CHR5	24642071	CHR5:24642071	SSF x LoA	-8,73176916	-0,069	0,301
CHR5	24642076	CHR5:24642076	SSF x LoA	-7,40336084	-0,057	0,296
CHR5	24642134	CHR5:24642134	SSF x LoA	-7,85540765	-0,041	0,318
CHR5	2464544	CHR5:2464544	SSF x LoA	-6,74742498	-0,148	0,293
CHR5	2464601	CHR5:2464601	SSF x LoA	-9,89276356	-0,042	0,301
CHR5	2464651	CHR5:2464651	SSF x LoA	-9,94105461	0,040	0,308
CHR5	24649558	CHR5:24649558	SSF x LoA	-9,30697189	-0,061	0,302
CHR5	24649624	CHR5:24649624	SSF x LoA	-7,62591049	-0,006	0,323

CHR5	2465905	CHR5:2465905	SSF x LoA	-10,8070437	0,059	0,308
CHR5	2465909	CHR5:2465909	SSF x LoA	-12,8611841	-0,024	0,310
CHR5	24661313	CHR5:24661313	SSF x LoA	-8,41652964	0,078	0,300
CHR5	24661458	CHR5:24661458	SSF x LoA	-9,92524233	-0,088	0,315
CHR5	24668080	CHR5:24668080	SSF x LoA	-10,4513286	-0,058	0,301
CHR5	24668101	CHR5:24668101	SSF x LoA	-11,161756	0,064	0,291
CHR5	24675243	CHR5:24675243	SSF x LoA	-9,5468506	0,035	0,315
CHR5	24675303	CHR5:24675303	SSF x LoA	-7,99686232	-0,064	0,306
CHR5	24675318	CHR5:24675318	SSF x LoA	-6,16180894	-0,093	0,308
CHR5	24675324	CHR5:24675324	SSF x LoA	-8,94538177	0,051	0,329
CHR5	24675336	CHR5:24675336	SSF x LoA	-10,9091042	0,060	0,313
CHR5	24711339	CHR5:24711339	SSF x LoA	-10,8583984	0,051	0,287
CHR5	24713691	CHR5:24713691	SSF x LoA	-9,29472288	0,002	0,294
CHR5	24713789	CHR5:24713789	SSF x LoA	-8,71767233	-0,096	0,313
CHR5	24713796	CHR5:24713796	SSF x LoA	-10,0993858	-0,021	0,313
CHR5	24721429	CHR5:24721429	SSF x LoA	-10,5480719	0,066	0,311
CHR5	24722778	CHR5:24722778	SSF x LoA	-2,13726321	0,156	0,304
CHR5	2473805	CHR5:2473805	SSF x LoA	-7,00708328	0,192	0,278
CHR5	2474086	CHR5:2474086	SSF x LoA	-8,29073165	0,008	0,306
CHR5	24746119	CHR5:24746119	SSF x LoA	-8,57724525	-0,056	0,305
CHR5	24746196	CHR5:24746196	SSF x LoA	-10,2921879	0,068	0,301
CHR5	24746198	CHR5:24746198	SSF x LoA	-7,91693338	0,083	0,308
CHR5	24748525	CHR5:24748525	SSF x LoA	-11,8559614	0,014	0,293
CHR5	24748573	CHR5:24748573	SSF x LoA	-7,30789365	-0,008	0,290
CHR5	24748671	CHR5:24748671	SSF x LoA	-8,89861507	0,054	0,308
CHR5	24748730	CHR5:24748730	SSF x LoA	-9,71485849	-0,017	0,311
CHR5	24750482	CHR5:24750482	SSF x LoA	-10,9063994	0,030	0,295
CHR5	2476025	CHR5:2476025	SSF x LoA	-9,49659616	0,010	0,312
CHR5	2476035	CHR5:2476035	SSF x LoA	-12,1468027	-0,017	0,295
CHR5	2476040	CHR5:2476040	SSF x LoA	-7,22618102	-0,045	0,307
CHR5	2476068	CHR5:2476068	SSF x LoA	-9,04009572	0,047	0,315
CHR5	24765920	CHR5:24765920	SSF x LoA	-10,1737641	-0,110	0,298
CHR5	24765930	CHR5:24765930	SSF x LoA	-7,99072799	0,111	0,309
CHR5	24765974	CHR5:24765974	SSF x LoA	-9,98499905	0,008	0,297
CHR5	24766038	CHR5:24766038	SSF x LoA	-11,4942989	0,039	0,290
CHR5	24796715	CHR5:24796715	SSF x LoA	-9,14114192	-0,090	0,303
CHR5	24796737	CHR5:24796737	SSF x LoA	-6,17961174	-0,113	0,304
CHR5	24796793	CHR5:24796793	SSF x LoA	-8,38466072	-0,012	0,312
CHR5	2480216	CHR5:2480216	SSF x LoA	-9,93094976	-0,128	0,303
CHR5	2480268	CHR5:2480268	SSF x LoA	-8,82764736	-0,036	0,301
CHR5	2480334	CHR5:2480334	SSF x LoA	-8,9669704	-0,077	0,312
CHR5	2480519	CHR5:2480519	SSF x LoA	-10,5533855	0,167	0,302
CHR5	24811060	CHR5:24811060	SSF x LoA	-9,905678	-0,059	0,299
CHR5	24811069	CHR5:24811069	SSF x LoA	-10,3368053	-0,060	0,312
CHR5	24811108	CHR5:24811108	SSF x LoA	-11,2139876	-0,054	0,297
CHR5	24811112	CHR5:24811112	SSF x LoA	-6,49919488	-0,037	0,304
CHR5	24814440	CHR5:24814440	SSF x LoA	-7,48898061	-0,078	0,325
CHR5	24841673	CHR5:24841673	SSF x LoA	-4,95083236	-0,090	0,310
CHR5	24841681	CHR5:24841681	SSF x LoA	-11,969999	0,027	0,312
CHR5	24841683	CHR5:24841683	SSF x LoA	-11,2833578	0,011	0,299
CHR5	24841729	CHR5:24841729	SSF x LoA	-6,89255767	0,171	0,302
CHR5	24841730	CHR5:24841730	SSF x LoA	-7,73939907	-0,062	0,306
CHR5	24841734	CHR5:24841734	SSF x LoA	-9,07446825	-0,067	0,305

CHR5	24841735	CHR5:24841735	SSF x LoA	-8,94310408	-0,063	0,299
CHR5	24841736	CHR5:24841736	SSF x LoA	-8,2534258	-0,062	0,305
CHR5	24841747	CHR5:24841747	SSF x LoA	-10,6018401	-0,046	0,304
CHR5	24841750	CHR5:24841750	SSF x LoA	-7,87855197	0,003	0,306
CHR5	24841789	CHR5:24841789	SSF x LoA	-9,85297782	0,077	0,305
CHR5	24841793	CHR5:24841793	SSF x LoA	-4,24785328	-0,062	0,311
CHR5	24848222	CHR5:24848222	SSF x LoA	-8,86437858	-0,046	0,302
CHR5	24848304	CHR5:24848304	SSF x LoA	-7,92281472	-0,038	0,304
CHR5	24848336	CHR5:24848336	SSF x LoA	-7,13551198	0,006	0,323
CHR5	24848349	CHR5:24848349	SSF x LoA	-7,87518373	-0,013	0,301
CHR5	24857357	CHR5:24857357	SSF x LoA	-8,37365425	-0,009	0,324
CHR5	24857366	CHR5:24857366	SSF x LoA	-11,6803122	0,061	0,304
CHR5	24857460	CHR5:24857460	SSF x LoA	-7,61591507	0,024	0,304
CHR5	24861635	CHR5:24861635	SSF x LoA	-10,87621	0,011	0,304
CHR5	24869278	CHR5:24869278	SSF x LoA	-5,15512357	0,163	0,298
CHR5	24869287	CHR5:24869287	SSF x LoA	-8,63007217	-0,001	0,316
CHR5	24869344	CHR5:24869344	SSF x LoA	-9,98419584	-0,071	0,312
CHR5	24869361	CHR5:24869361	SSF x LoA	-9,95609148	-0,035	0,291
CHR5	24869369	CHR5:24869369	SSF x LoA	-11,1995752	-0,048	0,310
CHR5	2487023	CHR5:2487023	SSF x LoA	-10,5400516	-0,044	0,315
CHR5	2487184	CHR5:2487184	SSF x LoA	-11,9208075	-0,046	0,304
CHR5	24874647	CHR5:24874647	SSF x LoA	-10,9455134	-0,043	0,317
CHR5	24874852	CHR5:24874852	SSF x LoA	-11,6970466	0,004	0,298
CHR5	24874927	CHR5:24874927	SSF x LoA	-10,7464891	0,072	0,306
CHR5	24885063	CHR5:24885063	SSF x LoA	-11,5092214	-0,083	0,298
CHR5	2488518	CHR5:2488518	SSF x LoA	-10,453523	0,087	0,306
CHR5	24885231	CHR5:24885231	SSF x LoA	-7,87639406	0,133	0,299
CHR5	24906366	CHR5:24906366	SSF x LoA	-9,35016223	0,011	0,319
CHR5	24906438	CHR5:24906438	SSF x LoA	-8,61804209	0,042	0,310
CHR5	24906459	CHR5:24906459	SSF x LoA	-8,70889224	0,008	0,314
CHR5	24909067	CHR5:24909067	SSF x LoA	-9,60237424	-0,062	0,306
CHR5	24909068	CHR5:24909068	SSF x LoA	-9,46225716	-0,079	0,298
CHR5	2491757	CHR5:2491757	SSF x LoA	-8,55824732	0,116	0,306
CHR5	2491771	CHR5:2491771	SSF x LoA	-9,34142194	0,041	0,307
CHR5	2491867	CHR5:2491867	SSF x LoA	-9,44905539	0,166	0,300
CHR5	24931142	CHR5:24931142	SSF x LoA	-9,86066112	-0,120	0,313
CHR5	24931151	CHR5:24931151	SSF x LoA	-9,0532537	-0,046	0,314
CHR5	24931213	CHR5:24931213	SSF x LoA	-11,2360788	-0,029	0,293
CHR5	24931222	CHR5:24931222	SSF x LoA	-10,6855382	0,005	0,312
CHR5	24931246	CHR5:24931246	SSF x LoA	3,70652557	0,222	0,297
CHR5	24931267	CHR5:24931267	SSF x LoA	-9,08239759	-0,060	0,306
CHR5	24931271	CHR5:24931271	SSF x LoA	-6,66668256	-0,086	0,304
CHR5	24931287	CHR5:24931287	SSF x LoA	-12,0434317	0,002	0,308
CHR5	24931297	CHR5:24931297	SSF x LoA	-9,74641478	0,217	0,289
CHR5	24931308	CHR5:24931308	SSF x LoA	-7,46292263	0,044	0,320
CHR5	24931318	CHR5:24931318	SSF x LoA	-7,83406582	-0,091	0,317
CHR5	24931389	CHR5:24931389	SSF x LoA	-8,74521691	0,071	0,314
CHR5	24940965	CHR5:24940965	SSF x LoA	-10,1080959	0,015	0,292
CHR5	24941064	CHR5:24941064	SSF x LoA	-9,65244572	0,084	0,304
CHR5	24946355	CHR5:24946355	SSF x LoA	-8,23484745	0,039	0,299
CHR5	24946360	CHR5:24946360	SSF x LoA	-9,13370925	0,022	0,314
CHR5	24946361	CHR5:24946361	SSF x LoA	-8,38752005	-0,007	0,319
CHR5	24950635	CHR5:24950635	SSF x LoA	-9,10975617	0,090	0,311

CHR5	24950763	CHR5:24950763	SSF x LoA	-9,27361924	0,001	0,305
CHR5	24950793	CHR5:24950793	SSF x LoA	-6,60003839	-0,059	0,316
CHR5	24950799	CHR5:24950799	SSF x LoA	-11,6309285	0,031	0,309
CHR5	24971477	CHR5:24971477	SSF x LoA	-10,2805377	-0,135	0,304
CHR5	24979546	CHR5:24979546	SSF x LoA	-9,82569571	0,026	0,305
CHR5	24979556	CHR5:24979556	SSF x LoA	-11,235928	-0,016	0,306
CHR5	2498366	CHR5:2498366	SSF x LoA	-8,47082237	-0,153	0,311
CHR5	2498423	CHR5:2498423	SSF x LoA	-5,45919479	-0,065	0,317
CHR5	2498470	CHR5:2498470	SSF x LoA	-7,6055637	0,142	0,297
CHR5	24987975	CHR5:24987975	SSF x LoA	-7,84939094	-0,055	0,300
CHR5	24988020	CHR5:24988020	SSF x LoA	-9,15055591	0,015	0,295
CHR5	24988095	CHR5:24988095	SSF x LoA	-9,94729735	0,041	0,311
CHR5	24988162	CHR5:24988162	SSF x LoA	-4,17022954	0,185	0,304
CHR5	24988184	CHR5:24988184	SSF x LoA	-10,9863568	0,051	0,297
CHR5	24996615	CHR5:24996615	SSF x LoA	-5,4996586	-0,081	0,311
CHR5	24996629	CHR5:24996629	SSF x LoA	-9,61134809	0,083	0,306
CHR5	25004192	CHR5:25004192	SSF x LoA	-8,86060792	-0,095	0,309
CHR5	25004200	CHR5:25004200	SSF x LoA	-9,34978711	-0,063	0,320
CHR5	25006085	CHR5:25006085	SSF x LoA	-9,11402767	0,003	0,306
CHR5	25006108	CHR5:25006108	SSF x LoA	-8,29842945	-0,098	0,305
CHR5	25008047	CHR5:25008047	SSF x LoA	-11,5612616	-0,059	0,309
CHR5	25012357	CHR5:25012357	SSF x LoA	-10,147409	0,094	0,309
CHR5	25012585	CHR5:25012585	SSF x LoA	-9,25452507	-0,022	0,303
CHR5	25012641	CHR5:25012641	SSF x LoA	-7,89475777	0,092	0,303
CHR5	25012662	CHR5:25012662	SSF x LoA	-9,60559311	-0,088	0,295
CHR5	25012726	CHR5:25012726	SSF x LoA	-9,8689515	0,061	0,302
CHR5	25026787	CHR5:25026787	SSF x LoA	-9,82028023	0,013	0,324
CHR5	25026814	CHR5:25026814	SSF x LoA	-10,4363403	-0,087	0,304
CHR5	25026889	CHR5:25026889	SSF x LoA	-8,81939827	-0,039	0,322
CHR5	25045181	CHR5:25045181	SSF x LoA	-8,86484936	0,052	0,307
CHR5	25045363	CHR5:25045363	SSF x LoA	-11,6343757	-0,108	0,287
CHR5	25052583	CHR5:25052583	SSF x LoA	-8,03985473	0,095	0,311
CHR5	25052590	CHR5:25052590	SSF x LoA	-3,85966981	0,008	0,313
CHR5	25058525	CHR5:25058525	SSF x LoA	2,87848098	-0,163	0,302
CHR5	25058566	CHR5:25058566	SSF x LoA	-11,231767	0,024	0,298
CHR5	25058676	CHR5:25058676	SSF x LoA	-6,64767666	0,038	0,331
CHR5	25058775	CHR5:25058775	SSF x LoA	-9,99978502	-0,151	0,307
CHR5	25060727	CHR5:25060727	SSF x LoA	-8,37570563	0,077	0,319
CHR5	25060801	CHR5:25060801	SSF x LoA	-11,3003933	-0,053	0,312
CHR5	25060859	CHR5:25060859	SSF x LoA	-11,5446089	-0,047	0,302
CHR5	25068229	CHR5:25068229	SSF x LoA	-11,2019316	0,094	0,312
CHR5	25068256	CHR5:25068256	SSF x LoA	-7,32645657	0,050	0,305
CHR5	25068400	CHR5:25068400	SSF x LoA	-8,92181116	-0,065	0,307
CHR5	2507021	CHR5:2507021	SSF x LoA	-10,8639307	-0,117	0,307
CHR5	2507097	CHR5:2507097	SSF x LoA	-10,6823505	0,081	0,301
CHR5	2507176	CHR5:2507176	SSF x LoA	-9,54872965	0,043	0,314
CHR5	25086833	CHR5:25086833	SSF x LoA	-9,62857203	0,042	0,311
CHR5	25086850	CHR5:25086850	SSF x LoA	-9,41871131	-0,037	0,308
CHR5	25086974	CHR5:25086974	SSF x LoA	-7,13741708	-0,086	0,310
CHR5	25086975	CHR5:25086975	SSF x LoA	-9,06924649	-0,063	0,294
CHR5	25087024	CHR5:25087024	SSF x LoA	-6,77992847	-0,143	0,294
CHR5	25087047	CHR5:25087047	SSF x LoA	-8,3304682	-0,087	0,311
CHR5	25087052	CHR5:25087052	SSF x LoA	-8,83483664	-0,117	0,294

CHR5	25087094	CHR5:25087094	SSF x LoA	-11,6694287	-0,081	0,302
CHR5	25099580	CHR5:25099580	SSF x LoA	-10,4144368	-0,030	0,301
CHR5	25099605	CHR5:25099605	SSF x LoA	-7,44487281	-0,062	0,321
CHR5	25100978	CHR5:25100978	SSF x LoA	-7,74408063	0,034	0,319
CHR5	25101025	CHR5:25101025	SSF x LoA	-8,45603801	-0,067	0,315
CHR5	25101111	CHR5:25101111	SSF x LoA	-9,22608102	0,085	0,315
CHR5	25101135	CHR5:25101135	SSF x LoA	-9,41279552	0,104	0,309
CHR5	25105856	CHR5:25105856	SSF x LoA	-9,44386503	0,023	0,312
CHR5	25109290	CHR5:25109290	SSF x LoA	-9,87123565	-0,019	0,314
CHR5	25109306	CHR5:25109306	SSF x LoA	-10,7091149	-0,070	0,292
CHR5	25116584	CHR5:25116584	SSF x LoA	-7,54753971	0,108	0,297
CHR5	25116747	CHR5:25116747	SSF x LoA	-10,0965654	0,059	0,319
CHR5	25116830	CHR5:25116830	SSF x LoA	-9,95243003	-0,052	0,297
CHR5	25123420	CHR5:25123420	SSF x LoA	-6,40227204	0,030	0,310
CHR5	25127710	CHR5:25127710	SSF x LoA	-9,94808021	0,177	0,302
CHR5	25127715	CHR5:25127715	SSF x LoA	-9,52347255	0,089	0,302
CHR5	25131232	CHR5:25131232	SSF x LoA	-12,1875103	-0,063	0,294
CHR5	25131268	CHR5:25131268	SSF x LoA	-6,9998008	0,101	0,309
CHR5	25131314	CHR5:25131314	SSF x LoA	-6,7229916	-0,064	0,316
CHR5	25137142	CHR5:25137142	SSF x LoA	-11,1498852	0,014	0,300
CHR5	25137200	CHR5:25137200	SSF x LoA	-10,3387451	0,075	0,302
CHR5	25137301	CHR5:25137301	SSF x LoA	-9,40238222	-0,045	0,301
CHR5	25137312	CHR5:25137312	SSF x LoA	-0,9205795	0,178	0,302
CHR5	25137364	CHR5:25137364	SSF x LoA	-10,0125895	-0,050	0,310
CHR5	25144234	CHR5:25144234	SSF x LoA	-8,81796124	0,052	0,308
CHR5	25144263	CHR5:25144263	SSF x LoA	-9,00362343	0,010	0,318
CHR5	25146008	CHR5:25146008	SSF x LoA	-9,79215673	0,070	0,303
CHR5	25146034	CHR5:25146034	SSF x LoA	-8,45395662	-0,063	0,324
CHR5	2514682	CHR5:2514682	SSF x LoA	-6,98867322	0,054	0,317
CHR5	2514718	CHR5:2514718	SSF x LoA	-10,5212731	-0,102	0,308
CHR5	2514755	CHR5:2514755	SSF x LoA	-7,62919191	-0,013	0,296
CHR5	25156910	CHR5:25156910	SSF x LoA	-8,57672592	-0,106	0,307
CHR5	25162948	CHR5:25162948	SSF x LoA	-10,0762241	0,093	0,307
CHR5	25162964	CHR5:25162964	SSF x LoA	-6,46457399	0,212	0,301
CHR5	25162978	CHR5:25162978	SSF x LoA	-6,37773278	0,122	0,303
CHR5	25163033	CHR5:25163033	SSF x LoA	-10,9022676	0,014	0,306
CHR5	25163040	CHR5:25163040	SSF x LoA	-10,876614	0,100	0,300
CHR5	25168379	CHR5:25168379	SSF x LoA	-8,93323537	0,113	0,299
CHR5	25168413	CHR5:25168413	SSF x LoA	-5,97689533	-0,098	0,310
CHR5	25168431	CHR5:25168431	SSF x LoA	-7,08989825	-0,108	0,316
CHR5	25168432	CHR5:25168432	SSF x LoA	-9,47886964	-0,101	0,315
CHR5	25170746	CHR5:25170746	SSF x LoA	-9,7006659	-0,032	0,292
CHR5	25170923	CHR5:25170923	SSF x LoA	-10,1629176	-0,049	0,317
CHR5	25180537	CHR5:25180537	SSF x LoA	-7,23137944	0,095	0,318
CHR5	25180693	CHR5:25180693	SSF x LoA	-10,2814713	0,028	0,305
CHR5	25180725	CHR5:25180725	SSF x LoA	-11,0653947	-0,054	0,311
CHR5	25180771	CHR5:25180771	SSF x LoA	-10,0502299	0,028	0,314
CHR5	25186307	CHR5:25186307	SSF x LoA	-8,66458657	0,025	0,306
CHR5	25186318	CHR5:25186318	SSF x LoA	-11,7785119	0,042	0,310
CHR5	25186361	CHR5:25186361	SSF x LoA	-8,31864942	-0,114	0,313
CHR5	2518693	CHR5:2518693	SSF x LoA	-9,0169022	-0,013	0,310
CHR5	25198224	CHR5:25198224	SSF x LoA	-10,1000604	0,010	0,304
CHR5	25199781	CHR5:25199781	SSF x LoA	-8,45261307	-0,004	0,298

CHR5	25199891	CHR5:25199891	SSF x LoA	-7,25834715	-0,140	0,293
CHR5	25199940	CHR5:25199940	SSF x LoA	-11,4603413	0,066	0,292
CHR5	25201792	CHR5:25201792	SSF x LoA	-9,00684265	-0,002	0,309
CHR5	25211146	CHR5:25211146	SSF x LoA	-10,5767156	0,021	0,317
CHR5	25211293	CHR5:25211293	SSF x LoA	-10,5754548	-0,058	0,305
CHR5	25211322	CHR5:25211322	SSF x LoA	-10,050203	-0,125	0,306
CHR5	25211325	CHR5:25211325	SSF x LoA	-8,20107737	0,149	0,308
CHR5	25218390	CHR5:25218390	SSF x LoA	-8,74470998	0,115	0,306
CHR5	25218415	CHR5:25218415	SSF x LoA	-6,39218918	0,022	0,297
CHR5	25218478	CHR5:25218478	SSF x LoA	-6,39520753	0,090	0,307
CHR5	25218573	CHR5:25218573	SSF x LoA	-7,83466866	0,122	0,311
CHR5	25218596	CHR5:25218596	SSF x LoA	-8,62359204	0,024	0,309
CHR5	25218646	CHR5:25218646	SSF x LoA	-8,70676846	0,049	0,293
CHR5	25218675	CHR5:25218675	SSF x LoA	-7,57327746	0,072	0,297
CHR5	25218677	CHR5:25218677	SSF x LoA	-11,2299696	-0,030	0,298
CHR5	25218723	CHR5:25218723	SSF x LoA	-9,67588171	-0,072	0,291
CHR5	25218741	CHR5:25218741	SSF x LoA	-6,84273822	-0,082	0,303
CHR5	25223120	CHR5:25223120	SSF x LoA	-8,55843095	-0,042	0,303
CHR5	25223179	CHR5:25223179	SSF x LoA	-8,63642583	-0,147	0,307
CHR5	25224704	CHR5:25224704	SSF x LoA	-10,4738002	-0,006	0,317
CHR5	25224734	CHR5:25224734	SSF x LoA	-9,30469957	-0,036	0,305
CHR5	25224779	CHR5:25224779	SSF x LoA	-7,52381844	-0,017	0,315
CHR5	25224802	CHR5:25224802	SSF x LoA	-9,69543341	0,100	0,310
CHR5	25224803	CHR5:25224803	SSF x LoA	-9,18403534	0,127	0,297
CHR5	25229649	CHR5:25229649	SSF x LoA	-11,1048342	0,031	0,307
CHR5	25229667	CHR5:25229667	SSF x LoA	-9,88760715	0,021	0,305
CHR5	25229757	CHR5:25229757	SSF x LoA	-9,79766525	0,043	0,304
CHR5	25229787	CHR5:25229787	SSF x LoA	-7,06373391	-0,158	0,304
CHR5	25240521	CHR5:25240521	SSF x LoA	-7,31943931	-0,135	0,285
CHR5	25240529	CHR5:25240529	SSF x LoA	-5,7526118	-0,146	0,293
CHR5	25249886	CHR5:25249886	SSF x LoA	-11,4512354	-0,061	0,307
CHR5	25249942	CHR5:25249942	SSF x LoA	-7,34992386	0,102	0,315
CHR5	25249994	CHR5:25249994	SSF x LoA	-9,4975385	-0,023	0,304
CHR5	25250012	CHR5:25250012	SSF x LoA	-6,93739382	-0,121	0,302
CHR5	25254487	CHR5:25254487	SSF x LoA	-10,6785343	-0,062	0,299
CHR5	25254567	CHR5:25254567	SSF x LoA	-11,7191213	0,049	0,304
CHR5	25254607	CHR5:25254607	SSF x LoA	-12,4443443	0,074	0,289
CHR5	25254609	CHR5:25254609	SSF x LoA	-10,1900604	0,009	0,300
CHR5	25254741	CHR5:25254741	SSF x LoA	-9,87301594	0,010	0,306
CHR5	2525729	CHR5:2525729	SSF x LoA	-10,643544	-0,058	0,304
CHR5	2525780	CHR5:2525780	SSF x LoA	-9,98331111	0,141	0,309
CHR5	25259407	CHR5:25259407	SSF x LoA	-6,88063762	0,090	0,309
CHR5	25259445	CHR5:25259445	SSF x LoA	-11,2666912	0,033	0,309
CHR5	25259470	CHR5:25259470	SSF x LoA	-10,4623594	-0,009	0,301
CHR5	25263306	CHR5:25263306	SSF x LoA	-7,66571117	0,028	0,311
CHR5	25263358	CHR5:25263358	SSF x LoA	-8,0606878	0,153	0,296
CHR5	25265376	CHR5:25265376	SSF x LoA	-9,01558533	0,004	0,306
CHR5	25265392	CHR5:25265392	SSF x LoA	-9,13917879	0,015	0,309
CHR5	25265422	CHR5:25265422	SSF x LoA	-7,86974341	-0,044	0,315
CHR5	25266000	CHR5:25266000	SSF x LoA	-9,55104215	0,034	0,316
CHR5	25271434	CHR5:25271434	SSF x LoA	-8,41203275	-0,062	0,311
CHR5	25271548	CHR5:25271548	SSF x LoA	-9,00883194	0,068	0,300
CHR5	25271627	CHR5:25271627	SSF x LoA	-7,74911443	0,006	0,319

CHR5	25277500	CHR5:25277500	SSF x LoA	-6,4039461	0,041	0,312
CHR5	2527826	CHR5:2527826	SSF x LoA	-8,63747933	-0,161	0,300
CHR5	2527847	CHR5:2527847	SSF x LoA	-8,65791911	0,107	0,298
CHR5	2527949	CHR5:2527949	SSF x LoA	-10,4506256	0,002	0,300
CHR5	2528078	CHR5:2528078	SSF x LoA	-10,3477561	-0,022	0,299
CHR5	25308317	CHR5:25308317	SSF x LoA	-10,8560057	0,060	0,322
CHR5	25308325	CHR5:25308325	SSF x LoA	-10,7008583	-0,034	0,312
CHR5	25320372	CHR5:25320372	SSF x LoA	-8,55640353	-0,051	0,301
CHR5	25350281	CHR5:25350281	SSF x LoA	-7,44996315	-0,023	0,300
CHR5	25350301	CHR5:25350301	SSF x LoA	-8,44900544	0,000	0,300
CHR5	25368318	CHR5:25368318	SSF x LoA	-11,0734898	0,029	0,314
CHR5	25368320	CHR5:25368320	SSF x LoA	-8,79861841	0,066	0,308
CHR5	25375779	CHR5:25375779	SSF x LoA	-10,6149369	-0,089	0,301
CHR5	25375824	CHR5:25375824	SSF x LoA	-8,17293282	0,114	0,294
CHR5	25375825	CHR5:25375825	SSF x LoA	-9,41860091	0,127	0,286
CHR5	25375877	CHR5:25375877	SSF x LoA	-9,83209141	-0,071	0,308
CHR5	25375883	CHR5:25375883	SSF x LoA	-8,16405487	-0,105	0,307
CHR5	25375895	CHR5:25375895	SSF x LoA	-10,5559349	-0,097	0,299
CHR5	25391969	CHR5:25391969	SSF x LoA	-9,2040217	-0,035	0,303
CHR5	25392075	CHR5:25392075	SSF x LoA	-10,8489427	-0,067	0,307
CHR5	25392138	CHR5:25392138	SSF x LoA	-10,2610858	-0,035	0,312
CHR5	25392189	CHR5:25392189	SSF x LoA	-9,89392787	-0,037	0,302
CHR5	25422037	CHR5:25422037	SSF x LoA	-10,9577217	-0,020	0,303
CHR5	2542475	CHR5:2542475	SSF x LoA	-8,6381966	0,076	0,307
CHR5	25461659	CHR5:25461659	SSF x LoA	-11,4619274	-0,057	0,307
CHR5	25461852	CHR5:25461852	SSF x LoA	-9,29045285	0,076	0,308
CHR5	25461874	CHR5:25461874	SSF x LoA	-10,3947176	-0,025	0,309
CHR5	25469469	CHR5:25469469	SSF x LoA	-10,1194845	-0,060	0,308
CHR5	25474422	CHR5:25474422	SSF x LoA	-11,5196935	-0,025	0,305
CHR5	25474430	CHR5:25474430	SSF x LoA	-10,8829332	-0,018	0,317
CHR5	25474493	CHR5:25474493	SSF x LoA	-9,35337375	-0,171	0,292
CHR5	25474568	CHR5:25474568	SSF x LoA	-10,9527754	0,011	0,299
CHR5	25474575	CHR5:25474575	SSF x LoA	-9,32002157	0,022	0,304
CHR5	25474606	CHR5:25474606	SSF x LoA	4,31761793	0,015	0,318
CHR5	25474642	CHR5:25474642	SSF x LoA	-7,87090361	0,009	0,313
CHR5	25474655	CHR5:25474655	SSF x LoA	-7,83008555	-0,077	0,307
CHR5	25474686	CHR5:25474686	SSF x LoA	-9,55761827	0,000	0,308
CHR5	25476404	CHR5:25476404	SSF x LoA	-11,5763726	-0,062	0,313
CHR5	25477214	CHR5:25477214	SSF x LoA	-9,24910411	-0,028	0,312
CHR5	25485645	CHR5:25485645	SSF x LoA	-7,30621603	-0,056	0,315
CHR5	25485663	CHR5:25485663	SSF x LoA	-9,33573322	0,039	0,325
CHR5	25516063	CHR5:25516063	SSF x LoA	-9,55335508	0,060	0,300
CHR5	25516109	CHR5:25516109	SSF x LoA	-2,26969263	-0,048	0,295
CHR5	2552035	CHR5:2552035	SSF x LoA	-9,60992543	0,015	0,294
CHR5	2552045	CHR5:2552045	SSF x LoA	-7,34638508	0,010	0,311
CHR5	25559225	CHR5:25559225	SSF x LoA	-8,83722338	0,079	0,303
CHR5	25559319	CHR5:25559319	SSF x LoA	-8,7607427	0,067	0,309
CHR5	2556557	CHR5:2556557	SSF x LoA	-9,57986549	0,089	0,307
CHR5	2556602	CHR5:2556602	SSF x LoA	-9,32899881	0,071	0,315
CHR5	2556736	CHR5:2556736	SSF x LoA	-8,59371746	0,097	0,303
CHR5	2556817	CHR5:2556817	SSF x LoA	-11,2141489	-0,014	0,302
CHR5	2556885	CHR5:2556885	SSF x LoA	-10,3839852	0,061	0,306
CHR5	25580467	CHR5:25580467	SSF x LoA	-4,44740711	0,096	0,299

CHR5	25606957	CHR5:25606957	SSF x LoA	-8,83099953	0,022	0,314
CHR5	25607076	CHR5:25607076	SSF x LoA	-8,28090035	0,065	0,321
CHR5	25612483	CHR5:25612483	SSF x LoA	-7,97883048	-0,078	0,310
CHR5	25612515	CHR5:25612515	SSF x LoA	-7,74019516	0,062	0,316
CHR5	25691533	CHR5:25691533	SSF x LoA	-8,61108827	-0,118	0,310
CHR5	25699494	CHR5:25699494	SSF x LoA	-9,05635867	0,038	0,298
CHR5	25699523	CHR5:25699523	SSF x LoA	-11,2134692	-0,058	0,310
CHR5	25713359	CHR5:25713359	SSF x LoA	-11,0126102	0,060	0,302
CHR5	2571480	CHR5:2571480	SSF x LoA	-8,38363143	-0,081	0,311
CHR5	2571509	CHR5:2571509	SSF x LoA	-11,4982246	-0,002	0,310
CHR5	2571563	CHR5:2571563	SSF x LoA	-10,8874353	-0,061	0,299
CHR5	25732841	CHR5:25732841	SSF x LoA	-0,97669802	0,139	0,304
CHR5	25732884	CHR5:25732884	SSF x LoA	-9,21991235	0,013	0,284
CHR5	25735325	CHR5:25735325	SSF x LoA	-11,8608126	0,025	0,298
CHR5	25739924	CHR5:25739924	SSF x LoA	-12,6551306	0,001	0,304
CHR5	25740039	CHR5:25740039	SSF x LoA	-10,8888043	-0,019	0,311
CHR5	25753835	CHR5:25753835	SSF x LoA	-8,83091626	-0,010	0,318
CHR5	25754048	CHR5:25754048	SSF x LoA	-10,0576621	-0,014	0,309
CHR5	25757045	CHR5:25757045	SSF x LoA	-6,62136324	0,059	0,300
CHR5	25757053	CHR5:25757053	SSF x LoA	-11,2766294	0,059	0,315
CHR5	25757061	CHR5:25757061	SSF x LoA	-7,83240275	-0,111	0,314
CHR5	25757077	CHR5:25757077	SSF x LoA	-9,72076719	0,038	0,317
CHR5	25757094	CHR5:25757094	SSF x LoA	-8,29463295	0,048	0,319
CHR5	25757249	CHR5:25757249	SSF x LoA	-8,61824197	-0,057	0,299
CHR5	25757277	CHR5:25757277	SSF x LoA	-9,1591465	0,098	0,303
CHR5	25777945	CHR5:25777945	SSF x LoA	-8,7330448	-0,080	0,304
CHR5	25777966	CHR5:25777966	SSF x LoA	-8,52480913	0,081	0,316
CHR5	25778067	CHR5:25778067	SSF x LoA	-8,72113745	-0,088	0,295
CHR5	25778542	CHR5:25778542	SSF x LoA	-8,78312988	0,037	0,290
CHR5	25778557	CHR5:25778557	SSF x LoA	-5,76777339	-0,183	0,294
CHR5	25778596	CHR5:25778596	SSF x LoA	-9,15423618	-0,012	0,288
CHR5	25778609	CHR5:25778609	SSF x LoA	-10,2214141	0,052	0,298
CHR5	25778610	CHR5:25778610	SSF x LoA	-7,29764422	0,078	0,307
CHR5	25778619	CHR5:25778619	SSF x LoA	-9,04830028	-0,024	0,291
CHR5	25778629	CHR5:25778629	SSF x LoA	-10,7124633	-0,103	0,308
CHR5	25789651	CHR5:25789651	SSF x LoA	-10,2509864	-0,010	0,304
CHR5	25800270	CHR5:25800270	SSF x LoA	-9,51905241	0,009	0,310
CHR5	25800378	CHR5:25800378	SSF x LoA	-10,4422055	-0,030	0,318
CHR5	25800425	CHR5:25800425	SSF x LoA	-9,50461301	-0,148	0,296
CHR5	25800497	CHR5:25800497	SSF x LoA	-9,82169027	-0,025	0,309
CHR5	25800587	CHR5:25800587	SSF x LoA	-11,2980414	0,035	0,299
CHR5	25815674	CHR5:25815674	SSF x LoA	-11,2102117	0,056	0,301
CHR5	25816218	CHR5:25816218	SSF x LoA	-7,97343961	0,143	0,298
CHR5	25816325	CHR5:25816325	SSF x LoA	-5,47223116	-0,229	0,293
CHR5	25816372	CHR5:25816372	SSF x LoA	-12,1243414	-0,039	0,304
CHR5	25816382	CHR5:25816382	SSF x LoA	-9,10591503	-0,024	0,319
CHR5	25816397	CHR5:25816397	SSF x LoA	-11,4194635	0,030	0,323
CHR5	25825535	CHR5:25825535	SSF x LoA	-10,6430922	-0,006	0,309
CHR5	25830794	CHR5:25830794	SSF x LoA	-6,21314671	0,073	0,314
CHR5	25830819	CHR5:25830819	SSF x LoA	-11,201292	0,018	0,302
CHR5	25835284	CHR5:25835284	SSF x LoA	-8,59188872	-0,019	0,303
CHR5	25835287	CHR5:25835287	SSF x LoA	-8,08669449	-0,045	0,310
CHR5	25835297	CHR5:25835297	SSF x LoA	-9,08546829	0,001	0,306

CHR5	25852257	CHR5:25852257	SSF x LoA	-10,4302291	0,073	0,302
CHR5	25852299	CHR5:25852299	SSF x LoA	-10,0986978	0,105	0,313
CHR5	25852357	CHR5:25852357	SSF x LoA	-8,15262235	0,044	0,311
CHR5	2585450	CHR5:2585450	SSF x LoA	-8,25015426	-0,080	0,310
CHR5	25862081	CHR5:25862081	SSF x LoA	-8,60677174	0,084	0,313
CHR5	25862180	CHR5:25862180	SSF x LoA	-8,44567763	0,117	0,301
CHR5	25862188	CHR5:25862188	SSF x LoA	-10,3716337	-0,081	0,299
CHR5	25862254	CHR5:25862254	SSF x LoA	-9,42456383	-0,095	0,311
CHR5	25862277	CHR5:25862277	SSF x LoA	-8,70718364	0,053	0,304
CHR5	25862288	CHR5:25862288	SSF x LoA	-9,82369497	0,019	0,290
CHR5	25865207	CHR5:25865207	SSF x LoA	-8,401638	-0,029	0,312
CHR5	25865403	CHR5:25865403	SSF x LoA	-8,23975936	-0,008	0,311
CHR5	25877828	CHR5:25877828	SSF x LoA	-6,42203796	0,143	0,289
CHR5	25879561	CHR5:25879561	SSF x LoA	-11,6018417	-0,008	0,302
CHR5	25879582	CHR5:25879582	SSF x LoA	-9,80566047	-0,115	0,293
CHR5	25879625	CHR5:25879625	SSF x LoA	-8,39151637	-0,037	0,313
CHR5	25883034	CHR5:25883034	SSF x LoA	-9,42429566	0,015	0,314
CHR5	25883131	CHR5:25883131	SSF x LoA	-5,67324742	0,087	0,312
CHR5	25887798	CHR5:25887798	SSF x LoA	-9,8080687	0,021	0,311
CHR5	25887830	CHR5:25887830	SSF x LoA	-8,98009619	-0,031	0,313
CHR5	25887842	CHR5:25887842	SSF x LoA	-10,3595704	-0,038	0,315
CHR5	25887940	CHR5:25887940	SSF x LoA	-10,0867294	0,149	0,309
CHR5	25889422	CHR5:25889422	SSF x LoA	-7,44513211	-0,050	0,309
CHR5	2589112	CHR5:2589112	SSF x LoA	-9,00531373	-0,006	0,305
CHR5	2589119	CHR5:2589119	SSF x LoA	-9,47997321	-0,030	0,309
CHR5	2589123	CHR5:2589123	SSF x LoA	-8,94946909	0,005	0,302
CHR5	2589135	CHR5:2589135	SSF x LoA	-10,6966177	0,056	0,305
CHR5	2589157	CHR5:2589157	SSF x LoA	-9,96157814	0,023	0,295
CHR5	2589209	CHR5:2589209	SSF x LoA	-10,1948776	-0,137	0,309
CHR5	25892740	CHR5:25892740	SSF x LoA	-9,20060843	0,079	0,307
CHR5	25892761	CHR5:25892761	SSF x LoA	-10,0028644	0,024	0,314
CHR5	2589286	CHR5:2589286	SSF x LoA	-7,9937294	-0,082	0,317
CHR5	25892901	CHR5:25892901	SSF x LoA	-9,37547044	-0,155	0,310
CHR5	25892960	CHR5:25892960	SSF x LoA	-10,9197445	-0,017	0,304
CHR5	25903196	CHR5:25903196	SSF x LoA	-10,9589383	0,035	0,307
CHR5	25903306	CHR5:25903306	SSF x LoA	-7,8829199	0,165	0,293
CHR5	25903318	CHR5:25903318	SSF x LoA	-11,7138793	0,073	0,307
CHR5	25903326	CHR5:25903326	SSF x LoA	-7,24114554	-0,141	0,303
CHR5	25903327	CHR5:25903327	SSF x LoA	-10,7245924	0,022	0,310
CHR5	25903335	CHR5:25903335	SSF x LoA	-10,0404459	0,075	0,311
CHR5	25903418	CHR5:25903418	SSF x LoA	-8,85764426	0,004	0,328
CHR5	25904723	CHR5:25904723	SSF x LoA	-10,3425824	0,079	0,293
CHR5	25908380	CHR5:25908380	SSF x LoA	-11,5623213	0,097	0,314
CHR5	25917104	CHR5:25917104	SSF x LoA	-8,81772345	-0,115	0,294
CHR5	25917146	CHR5:25917146	SSF x LoA	-9,37749507	-0,034	0,301
CHR5	25917155	CHR5:25917155	SSF x LoA	-9,08381985	-0,048	0,319
CHR5	25917227	CHR5:25917227	SSF x LoA	-9,31177363	-0,092	0,308
CHR5	259336	CHR5:259336	SSF x LoA	-1,29004749	0,060	0,320
CHR5	25937053	CHR5:25937053	SSF x LoA	-9,55908613	-0,012	0,297
CHR5	2594124	CHR5:2594124	SSF x LoA	-9,65083558	-0,073	0,302
CHR5	2594142	CHR5:2594142	SSF x LoA	-7,60517192	-0,028	0,309
CHR5	2594205	CHR5:2594205	SSF x LoA	-9,55005992	-0,007	0,303
CHR5	2594284	CHR5:2594284	SSF x LoA	-10,842549	-0,033	0,310

CHR5	25943565	CHR5:25943565	SSF x LoA	-8,6047399	-0,007	0,319
CHR5	25943567	CHR5:25943567	SSF x LoA	-9,12581338	0,012	0,319
CHR5	25943569	CHR5:25943569	SSF x LoA	-7,18244945	0,086	0,305
CHR5	25943581	CHR5:25943581	SSF x LoA	-10,754314	-0,076	0,307
CHR5	25943816	CHR5:25943816	SSF x LoA	-9,46043656	0,011	0,302
CHR5	2594411	CHR5:2594411	SSF x LoA	-11,4759208	0,006	0,314
CHR5	25956188	CHR5:25956188	SSF x LoA	-5,2070193	0,186	0,302
CHR5	25956198	CHR5:25956198	SSF x LoA	-9,4457184	0,009	0,289
CHR5	25956251	CHR5:25956251	SSF x LoA	-5,41605863	0,209	0,282
CHR5	25956277	CHR5:25956277	SSF x LoA	-8,09214984	-0,128	0,300
CHR5	25956288	CHR5:25956288	SSF x LoA	-8,86909806	0,043	0,303
CHR5	25960018	CHR5:25960018	SSF x LoA	-9,55915579	0,057	0,305
CHR5	25960032	CHR5:25960032	SSF x LoA	-9,83866124	-0,014	0,308
CHR5	2597016	CHR5:2597016	SSF x LoA	-10,747288	0,015	0,317
CHR5	2597017	CHR5:2597017	SSF x LoA	-8,33272994	-0,004	0,306
CHR5	2597135	CHR5:2597135	SSF x LoA	-7,8941973	0,068	0,299
CHR5	2597151	CHR5:2597151	SSF x LoA	-10,4499873	0,039	0,302
CHR5	2597201	CHR5:2597201	SSF x LoA	-10,4281742	-0,049	0,303
CHR5	25976675	CHR5:25976675	SSF x LoA	-9,49529089	0,080	0,303
CHR5	25976687	CHR5:25976687	SSF x LoA	-7,25363122	-0,160	0,307
CHR5	25976700	CHR5:25976700	SSF x LoA	-9,29738263	-0,009	0,318
CHR5	25976722	CHR5:25976722	SSF x LoA	-6,17644338	-0,096	0,310
CHR5	25976767	CHR5:25976767	SSF x LoA	-9,46031857	0,046	0,315
CHR5	25976774	CHR5:25976774	SSF x LoA	-10,9406405	-0,038	0,317
CHR5	25983616	CHR5:25983616	SSF x LoA	-9,84261204	-0,071	0,299
CHR5	25983683	CHR5:25983683	SSF x LoA	-8,33174925	0,002	0,315
CHR5	25983741	CHR5:25983741	SSF x LoA	-9,77991697	-0,079	0,309
CHR5	25996818	CHR5:25996818	SSF x LoA	-7,91967576	0,159	0,302
CHR5	25996856	CHR5:25996856	SSF x LoA	-8,07388929	0,077	0,300
CHR5	25996886	CHR5:25996886	SSF x LoA	-9,99654715	0,025	0,296
CHR5	25996936	CHR5:25996936	SSF x LoA	-10,7101048	0,018	0,302
CHR5	25996938	CHR5:25996938	SSF x LoA	-7,95750366	0,101	0,305
CHR5	25996969	CHR5:25996969	SSF x LoA	-8,77136287	0,011	0,303
CHR5	25997036	CHR5:25997036	SSF x LoA	-9,53570142	-0,158	0,294
CHR5	26006110	CHR5:26006110	SSF x LoA	-10,1218304	0,010	0,306
CHR5	26009192	CHR5:26009192	SSF x LoA	-7,82181845	0,131	0,304
CHR5	26009275	CHR5:26009275	SSF x LoA	-10,8828524	-0,086	0,299
CHR5	26009430	CHR5:26009430	SSF x LoA	-8,90103618	-0,100	0,308
CHR5	26010720	CHR5:26010720	SSF x LoA	-10,6104546	-0,015	0,313
CHR5	26010727	CHR5:26010727	SSF x LoA	-11,0516095	-0,029	0,297
CHR5	26010729	CHR5:26010729	SSF x LoA	-8,73509903	-0,002	0,297
CHR5	26010800	CHR5:26010800	SSF x LoA	-10,4825375	-0,129	0,303
CHR5	26010815	CHR5:26010815	SSF x LoA	-7,9845802	-0,052	0,312
CHR5	26010818	CHR5:26010818	SSF x LoA	-9,58252088	0,024	0,308
CHR5	26010851	CHR5:26010851	SSF x LoA	-11,3357171	-0,134	0,283
CHR5	26010860	CHR5:26010860	SSF x LoA	-9,2222821	-0,142	0,314
CHR5	26010869	CHR5:26010869	SSF x LoA	-9,24809552	0,022	0,310
CHR5	26010903	CHR5:26010903	SSF x LoA	-10,5255796	0,061	0,295
CHR5	26010954	CHR5:26010954	SSF x LoA	-10,0746205	0,029	0,310
CHR5	26010956	CHR5:26010956	SSF x LoA	-8,98465117	-0,019	0,298
CHR5	26013953	CHR5:26013953	SSF x LoA	-8,14375163	0,145	0,287
CHR5	26013955	CHR5:26013955	SSF x LoA	-5,46621337	0,094	0,309
CHR5	26013964	CHR5:26013964	SSF x LoA	-7,89952608	0,125	0,300

CHR5	26013971	CHR5:26013971	SSF x LoA	-8,55241666	0,130	0,295
CHR5	26016474	CHR5:26016474	SSF x LoA	-10,3533844	0,031	0,316
CHR5	26020960	CHR5:26020960	SSF x LoA	-8,12358275	0,091	0,306
CHR5	26020970	CHR5:26020970	SSF x LoA	-11,1456947	0,078	0,306
CHR5	26021090	CHR5:26021090	SSF x LoA	-9,5624356	0,032	0,313
CHR5	26021109	CHR5:26021109	SSF x LoA	-9,70611192	-0,110	0,297
CHR5	26021176	CHR5:26021176	SSF x LoA	-9,59684868	-0,060	0,310
CHR5	26021197	CHR5:26021197	SSF x LoA	-4,27195846	-0,141	0,305
CHR5	26028202	CHR5:26028202	SSF x LoA	-10,0274805	0,065	0,306
CHR5	26028229	CHR5:26028229	SSF x LoA	-10,0658005	0,037	0,305
CHR5	26028283	CHR5:26028283	SSF x LoA	-7,88782072	-0,015	0,313
CHR5	26028374	CHR5:26028374	SSF x LoA	-8,602355	0,068	0,294
CHR5	26028387	CHR5:26028387	SSF x LoA	-6,80907773	-0,114	0,310
CHR5	26028420	CHR5:26028420	SSF x LoA	-10,1078273	0,020	0,314
CHR5	26043814	CHR5:26043814	SSF x LoA	-7,84139161	-0,002	0,317
CHR5	26043861	CHR5:26043861	SSF x LoA	-8,6604996	0,065	0,298
CHR5	26043895	CHR5:26043895	SSF x LoA	-8,18589192	-0,008	0,308
CHR5	26043918	CHR5:26043918	SSF x LoA	-8,04530704	0,048	0,306
CHR5	26044014	CHR5:26044014	SSF x LoA	-11,1684096	0,000	0,302
CHR5	26044016	CHR5:26044016	SSF x LoA	-10,1172574	0,061	0,301
CHR5	26044023	CHR5:26044023	SSF x LoA	-10,14287	-0,010	0,303
CHR5	26044034	CHR5:26044034	SSF x LoA	-8,60198452	-0,117	0,310
CHR5	26056181	CHR5:26056181	SSF x LoA	-11,5225375	0,082	0,296
CHR5	26056252	CHR5:26056252	SSF x LoA	-9,5880164	0,123	0,308
CHR5	26056256	CHR5:26056256	SSF x LoA	-9,14974439	-0,045	0,317
CHR5	26056273	CHR5:26056273	SSF x LoA	-8,78345173	0,148	0,307
CHR5	26056287	CHR5:26056287	SSF x LoA	-10,0359912	-0,019	0,311
CHR5	26056290	CHR5:26056290	SSF x LoA	-9,60606533	0,146	0,292
CHR5	26056300	CHR5:26056300	SSF x LoA	-10,0426857	-0,050	0,297
CHR5	26056309	CHR5:26056309	SSF x LoA	-8,22182099	-0,108	0,296
CHR5	26056311	CHR5:26056311	SSF x LoA	-7,02198742	0,007	0,300
CHR5	26058974	CHR5:26058974	SSF x LoA	-8,15475214	-0,051	0,308
CHR5	26058976	CHR5:26058976	SSF x LoA	-4,42369787	-0,106	0,300
CHR5	26058987	CHR5:26058987	SSF x LoA	-6,93700535	-0,048	0,313
CHR5	26059023	CHR5:26059023	SSF x LoA	-8,94688317	0,121	0,308
CHR5	26059024	CHR5:26059024	SSF x LoA	-8,37261648	-0,045	0,315
CHR5	26059093	CHR5:26059093	SSF x LoA	-9,12677401	-0,021	0,328
CHR5	26059123	CHR5:26059123	SSF x LoA	-9,64420891	0,058	0,314
CHR5	26059191	CHR5:26059191	SSF x LoA	-12,2363342	-0,090	0,290
CHR5	26059209	CHR5:26059209	SSF x LoA	-4,0768369	-0,230	0,295
CHR5	26066700	CHR5:26066700	SSF x LoA	-10,8114251	-0,055	0,319
CHR5	26066714	CHR5:26066714	SSF x LoA	-10,5486908	-0,047	0,302
CHR5	26066730	CHR5:26066730	SSF x LoA	-10,9248639	0,116	0,300
CHR5	26066771	CHR5:26066771	SSF x LoA	-9,7504213	-0,019	0,304
CHR5	26066878	CHR5:26066878	SSF x LoA	-7,37204641	0,021	0,300
CHR5	26076869	CHR5:26076869	SSF x LoA	-8,79348602	0,047	0,318
CHR5	26076897	CHR5:26076897	SSF x LoA	-7,2309743	-0,047	0,324
CHR5	26076938	CHR5:26076938	SSF x LoA	-10,4200366	0,021	0,307
CHR5	26076964	CHR5:26076964	SSF x LoA	-8,74107197	0,016	0,310
CHR5	26076990	CHR5:26076990	SSF x LoA	-9,58580519	-0,032	0,312
CHR5	26077023	CHR5:26077023	SSF x LoA	-9,71857647	-0,018	0,315
CHR5	26077036	CHR5:26077036	SSF x LoA	-10,1459468	-0,056	0,315
CHR5	26077051	CHR5:26077051	SSF x LoA	-9,18901981	0,122	0,306

CHR5	26081883	CHR5:26081883	SSF x LoA	-9,91309957	0,052	0,312
CHR5	26081945	CHR5:26081945	SSF x LoA	-10,4859803	0,071	0,291
CHR5	26081981	CHR5:26081981	SSF x LoA	-11,2495369	0,018	0,297
CHR5	26082022	CHR5:26082022	SSF x LoA	-9,14224875	0,064	0,289
CHR5	26082080	CHR5:26082080	SSF x LoA	-10,9436983	-0,105	0,303
CHR5	26088145	CHR5:26088145	SSF x LoA	-10,5586715	-0,008	0,313
CHR5	26099411	CHR5:26099411	SSF x LoA	-8,94617258	0,051	0,310
CHR5	26099425	CHR5:26099425	SSF x LoA	-8,17725798	0,107	0,300
CHR5	26099434	CHR5:26099434	SSF x LoA	-8,56929722	0,063	0,309
CHR5	26099438	CHR5:26099438	SSF x LoA	-8,39801014	0,019	0,299
CHR5	26099491	CHR5:26099491	SSF x LoA	-7,69750479	-0,077	0,301
CHR5	26099532	CHR5:26099532	SSF x LoA	-7,69757662	-0,019	0,315
CHR5	26099570	CHR5:26099570	SSF x LoA	-10,0467921	0,045	0,310
CHR5	26107737	CHR5:26107737	SSF x LoA	-11,3818461	-0,052	0,296
CHR5	26107738	CHR5:26107738	SSF x LoA	-11,2768225	-0,065	0,299
CHR5	26107835	CHR5:26107835	SSF x LoA	-8,92042722	0,075	0,288
CHR5	26107839	CHR5:26107839	SSF x LoA	-8,42628242	0,014	0,312
CHR5	26107917	CHR5:26107917	SSF x LoA	-8,19255864	-0,006	0,324
CHR5	26107925	CHR5:26107925	SSF x LoA	-10,2779904	-0,008	0,313
CHR5	26107970	CHR5:26107970	SSF x LoA	-11,2089325	0,001	0,330
CHR5	26111716	CHR5:26111716	SSF x LoA	-9,24217475	-0,066	0,299
CHR5	26111889	CHR5:26111889	SSF x LoA	-10,1488582	-0,074	0,304
CHR5	26111911	CHR5:26111911	SSF x LoA	-10,9593529	0,079	0,303
CHR5	26116694	CHR5:26116694	SSF x LoA	-10,0255234	0,023	0,303
CHR5	26116747	CHR5:26116747	SSF x LoA	-10,0561192	-0,052	0,310
CHR5	26123643	CHR5:26123643	SSF x LoA	-7,93414314	0,015	0,310
CHR5	26123682	CHR5:26123682	SSF x LoA	-10,568136	-0,033	0,307
CHR5	26123754	CHR5:26123754	SSF x LoA	-11,0305612	-0,012	0,315
CHR5	26123789	CHR5:26123789	SSF x LoA	-7,04146611	-0,007	0,304
CHR5	26123791	CHR5:26123791	SSF x LoA	-8,22213533	-0,067	0,308
CHR5	26123859	CHR5:26123859	SSF x LoA	-8,52245519	0,032	0,300
CHR5	26134883	CHR5:26134883	SSF x LoA	-4,86195315	-0,161	0,304
CHR5	26134903	CHR5:26134903	SSF x LoA	-10,0365166	-0,050	0,308
CHR5	26134954	CHR5:26134954	SSF x LoA	-8,90620243	0,093	0,297
CHR5	26134971	CHR5:26134971	SSF x LoA	-9,28018426	0,043	0,303
CHR5	26135013	CHR5:26135013	SSF x LoA	-10,1876558	0,100	0,300
CHR5	26135026	CHR5:26135026	SSF x LoA	-10,1343174	0,122	0,310
CHR5	26135079	CHR5:26135079	SSF x LoA	-8,24890441	-0,142	0,306
CHR5	26137191	CHR5:26137191	SSF x LoA	-9,0562179	0,042	0,318
CHR5	26148324	CHR5:26148324	SSF x LoA	-9,47584303	-0,013	0,296
CHR5	26148327	CHR5:26148327	SSF x LoA	-9,70325791	0,048	0,299
CHR5	26148376	CHR5:26148376	SSF x LoA	-10,511269	-0,008	0,308
CHR5	26148391	CHR5:26148391	SSF x LoA	-7,43588472	0,044	0,313
CHR5	26148410	CHR5:26148410	SSF x LoA	-9,41274522	-0,059	0,312
CHR5	26148428	CHR5:26148428	SSF x LoA	-9,42825369	-0,045	0,309
CHR5	26148446	CHR5:26148446	SSF x LoA	-11,2800968	-0,039	0,302
CHR5	26148490	CHR5:26148490	SSF x LoA	-11,9917511	-0,062	0,297
CHR5	26148579	CHR5:26148579	SSF x LoA	-10,461157	-0,097	0,316
CHR5	26157455	CHR5:26157455	SSF x LoA	-10,4864512	0,018	0,301
CHR5	26158740	CHR5:26158740	SSF x LoA	-9,80959357	0,035	0,294
CHR5	26158748	CHR5:26158748	SSF x LoA	-10,5666686	0,043	0,309
CHR5	26158753	CHR5:26158753	SSF x LoA	-9,42112273	0,082	0,306
CHR5	26158764	CHR5:26158764	SSF x LoA	-3,03580045	0,030	0,309

CHR5	26158779	CHR5:26158779	SSF x LoA	-9,14423667	-0,009	0,311
CHR5	26168955	CHR5:26168955	SSF x LoA	-9,112063	0,053	0,306
CHR5	26168956	CHR5:26168956	SSF x LoA	-11,8453551	0,010	0,307
CHR5	26168960	CHR5:26168960	SSF x LoA	-7,33968532	0,058	0,301
CHR5	26169309	CHR5:26169309	SSF x LoA	-6,51634546	0,142	0,292
CHR5	26174424	CHR5:26174424	SSF x LoA	-6,23071205	0,058	0,324
CHR5	26174488	CHR5:26174488	SSF x LoA	-4,33291587	0,125	0,292
CHR5	26174573	CHR5:26174573	SSF x LoA	-8,6575566	-0,040	0,313
CHR5	26174603	CHR5:26174603	SSF x LoA	-9,70171099	0,054	0,303
CHR5	26178462	CHR5:26178462	SSF x LoA	-8,02550662	0,029	0,305
CHR5	26178542	CHR5:26178542	SSF x LoA	-11,2441978	-0,070	0,319
CHR5	26178602	CHR5:26178602	SSF x LoA	-10,5970539	0,054	0,312
CHR5	26178610	CHR5:26178610	SSF x LoA	-9,99975376	0,060	0,303
CHR5	26183766	CHR5:26183766	SSF x LoA	-8,69429894	0,035	0,307
CHR5	26183780	CHR5:26183780	SSF x LoA	-9,9220396	-0,046	0,318
CHR5	26183798	CHR5:26183798	SSF x LoA	-8,99699714	-0,001	0,313
CHR5	26183826	CHR5:26183826	SSF x LoA	-8,08198749	-0,030	0,329
CHR5	26183917	CHR5:26183917	SSF x LoA	-9,207397	-0,030	0,311
CHR5	26183925	CHR5:26183925	SSF x LoA	-8,37043407	-0,008	0,323
CHR5	26183940	CHR5:26183940	SSF x LoA	-9,72653596	-0,035	0,312
CHR5	26202331	CHR5:26202331	SSF x LoA	-9,27396526	0,010	0,300
CHR5	26202346	CHR5:26202346	SSF x LoA	-10,6324123	0,046	0,320
CHR5	26202465	CHR5:26202465	SSF x LoA	-10,4368727	-0,094	0,313
CHR5	26218698	CHR5:26218698	SSF x LoA	-9,70704459	-0,029	0,311
CHR5	26218763	CHR5:26218763	SSF x LoA	-9,69145082	0,045	0,301
CHR5	26219747	CHR5:26219747	SSF x LoA	-9,39415103	0,054	0,303
CHR5	26219761	CHR5:26219761	SSF x LoA	-7,18434295	0,024	0,318
CHR5	26219784	CHR5:26219784	SSF x LoA	-8,44257743	-0,043	0,307
CHR5	26235202	CHR5:26235202	SSF x LoA	-9,85271349	-0,040	0,303
CHR5	26235233	CHR5:26235233	SSF x LoA	-9,38783614	0,056	0,312
CHR5	26235444	CHR5:26235444	SSF x LoA	-9,06046586	-0,070	0,298
CHR5	26235469	CHR5:26235469	SSF x LoA	-6,23371814	0,103	0,305
CHR5	26235500	CHR5:26235500	SSF x LoA	2,96667361	0,120	0,315
CHR5	26249458	CHR5:26249458	SSF x LoA	-9,89956841	-0,054	0,312
CHR5	26249506	CHR5:26249506	SSF x LoA	-5,62314049	-0,035	0,317
CHR5	26249640	CHR5:26249640	SSF x LoA	-3,78616046	-0,117	0,318
CHR5	26249686	CHR5:26249686	SSF x LoA	-4,204729	0,033	0,306
CHR5	26256867	CHR5:26256867	SSF x LoA	-10,4192131	-0,061	0,325
CHR5	26259721	CHR5:26259721	SSF x LoA	-7,02671369	0,060	0,321
CHR5	26269664	CHR5:26269664	SSF x LoA	-7,61443136	0,032	0,315
CHR5	26272557	CHR5:26272557	SSF x LoA	-8,152604	0,019	0,312
CHR5	26272580	CHR5:26272580	SSF x LoA	-9,73588422	-0,017	0,294
CHR5	26272591	CHR5:26272591	SSF x LoA	-9,27583948	0,027	0,296
CHR5	26272596	CHR5:26272596	SSF x LoA	-8,87166296	0,006	0,297
CHR5	26272622	CHR5:26272622	SSF x LoA	-10,4606315	0,018	0,304
CHR5	26281192	CHR5:26281192	SSF x LoA	-10,1780246	0,046	0,324
CHR5	26281229	CHR5:26281229	SSF x LoA	-10,4059492	0,074	0,295
CHR5	26281385	CHR5:26281385	SSF x LoA	-8,34026828	-0,039	0,310
CHR5	26287831	CHR5:26287831	SSF x LoA	-10,5619531	-0,016	0,308
CHR5	26287855	CHR5:26287855	SSF x LoA	-8,87537454	-0,121	0,293
CHR5	26287857	CHR5:26287857	SSF x LoA	-7,22754916	-0,118	0,301
CHR5	26290213	CHR5:26290213	SSF x LoA	-9,24680173	0,042	0,310
CHR5	26290234	CHR5:26290234	SSF x LoA	-7,12729171	-0,081	0,289

CHR5	26290256	CHR5:26290256	SSF x LoA	-10,7195293	-0,080	0,295
CHR5	26290258	CHR5:26290258	SSF x LoA	-9,56811212	-0,094	0,319
CHR5	26290323	CHR5:26290323	SSF x LoA	-11,528767	-0,072	0,298
CHR5	26290388	CHR5:26290388	SSF x LoA	-9,67216522	-0,011	0,293
CHR5	26290430	CHR5:26290430	SSF x LoA	-8,63446562	0,017	0,308
CHR5	26290472	CHR5:26290472	SSF x LoA	-7,26903354	-0,113	0,305
CHR5	26292513	CHR5:26292513	SSF x LoA	-8,88216462	-0,153	0,295
CHR5	26292572	CHR5:26292572	SSF x LoA	-11,283389	-0,013	0,306
CHR5	2629349	CHR5:2629349	SSF x LoA	-10,3959239	0,110	0,297
CHR5	2629398	CHR5:2629398	SSF x LoA	-10,7901187	0,052	0,313
CHR5	2629460	CHR5:2629460	SSF x LoA	-8,84917653	0,073	0,300
CHR5	26317448	CHR5:26317448	SSF x LoA	-7,0181122	-0,109	0,311
CHR5	26317576	CHR5:26317576	SSF x LoA	-9,62886451	-0,099	0,304
CHR5	26317617	CHR5:26317617	SSF x LoA	-11,5277833	0,059	0,308
CHR5	26317667	CHR5:26317667	SSF x LoA	-10,0185071	-0,086	0,306
CHR5	26320915	CHR5:26320915	SSF x LoA	-8,62184969	-0,115	0,317
CHR5	26321132	CHR5:26321132	SSF x LoA	-7,14385533	0,112	0,295
CHR5	2632567	CHR5:2632567	SSF x LoA	-9,41871975	-0,052	0,312
CHR5	26332641	CHR5:26332641	SSF x LoA	-10,096927	0,058	0,301
CHR5	26340444	CHR5:26340444	SSF x LoA	-10,8412792	-0,004	0,309
CHR5	26340549	CHR5:26340549	SSF x LoA	-8,40686744	-0,082	0,318
CHR5	26340554	CHR5:26340554	SSF x LoA	-7,84136342	-0,089	0,305
CHR5	26340670	CHR5:26340670	SSF x LoA	-8,91062221	-0,071	0,308
CHR5	2635821	CHR5:2635821	SSF x LoA	-10,7305325	-0,024	0,296
CHR5	2636798	CHR5:2636798	SSF x LoA	-12,0746925	-0,048	0,306
CHR5	2636827	CHR5:2636827	SSF x LoA	-8,1582731	0,088	0,305
CHR5	26378775	CHR5:26378775	SSF x LoA	-12,5016363	-0,005	0,302
CHR5	26378937	CHR5:26378937	SSF x LoA	-8,94044475	0,019	0,302
CHR5	26381501	CHR5:26381501	SSF x LoA	-11,3652125	0,048	0,311
CHR5	26381723	CHR5:26381723	SSF x LoA	-9,07925453	0,163	0,304
CHR5	26382999	CHR5:26382999	SSF x LoA	-7,20661542	0,159	0,294
CHR5	26385494	CHR5:26385494	SSF x LoA	-8,51168249	0,095	0,297
CHR5	26403040	CHR5:26403040	SSF x LoA	-11,1770679	-0,039	0,302
CHR5	26410262	CHR5:26410262	SSF x LoA	-9,58755914	0,062	0,311
CHR5	26414494	CHR5:26414494	SSF x LoA	-11,2432772	0,113	0,303
CHR5	26421241	CHR5:26421241	SSF x LoA	-10,9076952	0,001	0,312
CHR5	26421328	CHR5:26421328	SSF x LoA	-8,63098848	0,042	0,314
CHR5	26421340	CHR5:26421340	SSF x LoA	-12,0819153	-0,026	0,309
CHR5	26422846	CHR5:26422846	SSF x LoA	-9,95083522	0,031	0,314
CHR5	26426687	CHR5:26426687	SSF x LoA	-10,9312984	-0,110	0,313
CHR5	26426704	CHR5:26426704	SSF x LoA	-12,2273127	-0,031	0,300
CHR5	26426756	CHR5:26426756	SSF x LoA	-10,1672254	-0,079	0,327
CHR5	26435185	CHR5:26435185	SSF x LoA	-10,9950926	-0,026	0,305
CHR5	26435278	CHR5:26435278	SSF x LoA	-4,95791149	0,046	0,308
CHR5	26435312	CHR5:26435312	SSF x LoA	-8,08011275	0,038	0,310
CHR5	26435318	CHR5:26435318	SSF x LoA	-7,2825245	-0,085	0,309
CHR5	26435322	CHR5:26435322	SSF x LoA	-7,69608617	0,025	0,310
CHR5	26435381	CHR5:26435381	SSF x LoA	-11,4473119	0,030	0,305
CHR5	26437824	CHR5:26437824	SSF x LoA	-11,3913329	-0,003	0,293
CHR5	26437844	CHR5:26437844	SSF x LoA	-9,72401519	-0,025	0,297
CHR5	26437845	CHR5:26437845	SSF x LoA	-6,49788661	-0,091	0,293
CHR5	26441551	CHR5:26441551	SSF x LoA	-10,3675155	-0,098	0,309
CHR5	26441564	CHR5:26441564	SSF x LoA	-8,66510217	-0,108	0,301

CHR5	26441566	CHR5:26441566	SSF x LoA	-10,1112768	-0,115	0,285
CHR5	26441739	CHR5:26441739	SSF x LoA	-9,18028306	0,008	0,307
CHR5	2644530	CHR5:2644530	SSF x LoA	-9,35262784	0,084	0,300
CHR5	2644542	CHR5:2644542	SSF x LoA	-9,38111602	-0,002	0,307
CHR5	2646283	CHR5:2646283	SSF x LoA	-11,3701801	-0,033	0,304
CHR5	26472015	CHR5:26472015	SSF x LoA	-10,9970127	-0,016	0,316
CHR5	26472105	CHR5:26472105	SSF x LoA	-11,7323504	-0,089	0,295
CHR5	26472130	CHR5:26472130	SSF x LoA	-6,29699806	0,117	0,301
CHR5	26472149	CHR5:26472149	SSF x LoA	-11,1539508	0,088	0,304
CHR5	26472223	CHR5:26472223	SSF x LoA	-9,05230245	-0,002	0,301
CHR5	26486472	CHR5:26486472	SSF x LoA	-11,7238886	-0,044	0,317
CHR5	26489011	CHR5:26489011	SSF x LoA	-9,42025157	0,009	0,310
CHR5	26489095	CHR5:26489095	SSF x LoA	-7,80087662	-0,029	0,319
CHR5	26492315	CHR5:26492315	SSF x LoA	-9,71500764	-0,111	0,309
CHR5	26492324	CHR5:26492324	SSF x LoA	-9,01133504	-0,003	0,309
CHR5	26492352	CHR5:26492352	SSF x LoA	-9,33467128	-0,126	0,318
CHR5	26492458	CHR5:26492458	SSF x LoA	-2,3857618	-0,027	0,322
CHR5	26502523	CHR5:26502523	SSF x LoA	-9,72919317	0,109	0,293
CHR5	26512166	CHR5:26512166	SSF x LoA	-8,50083825	0,008	0,307
CHR5	26512206	CHR5:26512206	SSF x LoA	-7,03214335	-0,019	0,304
CHR5	26512215	CHR5:26512215	SSF x LoA	-4,90855258	0,198	0,298
CHR5	26512216	CHR5:26512216	SSF x LoA	2,46778568	-0,106	0,295
CHR5	26522172	CHR5:26522172	SSF x LoA	-9,96987915	-0,040	0,301
CHR5	26525134	CHR5:26525134	SSF x LoA	-7,97161485	0,132	0,299
CHR5	26530138	CHR5:26530138	SSF x LoA	-11,5570507	0,010	0,300
CHR5	26530150	CHR5:26530150	SSF x LoA	-8,80155092	0,045	0,302
CHR5	26530168	CHR5:26530168	SSF x LoA	-10,7558481	-0,084	0,300
CHR5	26533869	CHR5:26533869	SSF x LoA	-8,96166589	0,050	0,320
CHR5	26533918	CHR5:26533918	SSF x LoA	-11,2538532	0,060	0,304
CHR5	26533936	CHR5:26533936	SSF x LoA	-10,7085307	0,078	0,299
CHR5	26533991	CHR5:26533991	SSF x LoA	-11,2620698	0,088	0,301
CHR5	26545436	CHR5:26545436	SSF x LoA	-7,02948419	0,151	0,297
CHR5	26545461	CHR5:26545461	SSF x LoA	-7,86002074	0,148	0,282
CHR5	26545532	CHR5:26545532	SSF x LoA	-11,2802845	0,051	0,310
CHR5	26549759	CHR5:26549759	SSF x LoA	-9,54618632	0,032	0,321
CHR5	26549852	CHR5:26549852	SSF x LoA	-9,71671259	-0,012	0,323
CHR5	26549918	CHR5:26549918	SSF x LoA	-10,5048058	0,047	0,299
CHR5	26558217	CHR5:26558217	SSF x LoA	-5,6428821	-0,196	0,313
CHR5	26559019	CHR5:26559019	SSF x LoA	-10,8163962	-0,006	0,308
CHR5	26559228	CHR5:26559228	SSF x LoA	-10,1194986	0,004	0,308
CHR5	26559229	CHR5:26559229	SSF x LoA	-11,0352477	0,019	0,314
CHR5	26559233	CHR5:26559233	SSF x LoA	-8,30045153	0,029	0,301
CHR5	2656155	CHR5:2656155	SSF x LoA	-8,69720517	0,058	0,313
CHR5	2656261	CHR5:2656261	SSF x LoA	-8,14590774	0,031	0,292
CHR5	26574348	CHR5:26574348	SSF x LoA	-6,33658079	-0,109	0,298
CHR5	26574378	CHR5:26574378	SSF x LoA	-11,0336722	0,047	0,320
CHR5	26585754	CHR5:26585754	SSF x LoA	-9,97650296	-0,031	0,306
CHR5	26594901	CHR5:26594901	SSF x LoA	-10,7113387	0,017	0,310
CHR5	26595009	CHR5:26595009	SSF x LoA	-8,85050222	-0,021	0,294
CHR5	26595077	CHR5:26595077	SSF x LoA	-10,3177206	-0,042	0,306
CHR5	26595084	CHR5:26595084	SSF x LoA	-7,64935261	0,061	0,302
CHR5	26605365	CHR5:26605365	SSF x LoA	-8,89207376	0,028	0,314
CHR5	26605423	CHR5:26605423	SSF x LoA	-10,4911015	-0,119	0,309

CHR5	26617131	CHR5:26617131	SSF x LoA	-11,2029042	-0,017	0,310
CHR5	26617862	CHR5:26617862	SSF x LoA	-10,6584823	-0,069	0,313
CHR5	26642136	CHR5:26642136	SSF x LoA	-2,49814033	-0,038	0,303
CHR5	26649058	CHR5:26649058	SSF x LoA	-5,50353561	0,124	0,312
CHR5	26649086	CHR5:26649086	SSF x LoA	-8,52018446	-0,098	0,310
CHR5	26649110	CHR5:26649110	SSF x LoA	-10,7365365	-0,015	0,303
CHR5	26651045	CHR5:26651045	SSF x LoA	-9,09452168	-0,105	0,307
CHR5	26651995	CHR5:26651995	SSF x LoA	-10,5772146	-0,084	0,318
CHR5	26652025	CHR5:26652025	SSF x LoA	-9,08799977	-0,012	0,310
CHR5	26652029	CHR5:26652029	SSF x LoA	-9,81365691	-0,034	0,307
CHR5	26652072	CHR5:26652072	SSF x LoA	-9,1315751	0,040	0,308
CHR5	26652156	CHR5:26652156	SSF x LoA	-9,08747408	0,072	0,302
CHR5	26652201	CHR5:26652201	SSF x LoA	-9,07402449	0,082	0,299
CHR5	26677975	CHR5:26677975	SSF x LoA	-7,32249416	0,054	0,286
CHR5	26684579	CHR5:26684579	SSF x LoA	-7,8259381	0,070	0,300
CHR5	26689644	CHR5:26689644	SSF x LoA	-11,464336	0,006	0,311
CHR5	26689666	CHR5:26689666	SSF x LoA	-8,46688293	-0,050	0,322
CHR5	26689672	CHR5:26689672	SSF x LoA	-9,44747091	-0,018	0,282
CHR5	26689700	CHR5:26689700	SSF x LoA	-9,94042137	0,024	0,308
CHR5	26689714	CHR5:26689714	SSF x LoA	-9,37470314	-0,128	0,299
CHR5	26693200	CHR5:26693200	SSF x LoA	-8,17868516	0,054	0,305
CHR5	26693201	CHR5:26693201	SSF x LoA	-10,4499114	0,041	0,318
CHR5	26693223	CHR5:26693223	SSF x LoA	-10,6550516	-0,029	0,307
CHR5	26693424	CHR5:26693424	SSF x LoA	-11,6630571	0,078	0,296
CHR5	26694700	CHR5:26694700	SSF x LoA	-10,2154365	0,002	0,304
CHR5	26704962	CHR5:26704962	SSF x LoA	-5,17355993	-0,173	0,288
CHR5	26704986	CHR5:26704986	SSF x LoA	-8,08558353	0,068	0,306
CHR5	26704999	CHR5:26704999	SSF x LoA	-8,3457364	-0,160	0,299
CHR5	26713530	CHR5:26713530	SSF x LoA	-11,5648913	0,054	0,292
CHR5	26713608	CHR5:26713608	SSF x LoA	-4,6231102	0,039	0,310
CHR5	26713609	CHR5:26713609	SSF x LoA	-8,12142291	0,017	0,308
CHR5	26713627	CHR5:26713627	SSF x LoA	-8,49881458	-0,100	0,291
CHR5	26713650	CHR5:26713650	SSF x LoA	-8,69943301	0,043	0,297
CHR5	26713664	CHR5:26713664	SSF x LoA	-3,31831724	-0,120	0,294
CHR5	2671369	CHR5:2671369	SSF x LoA	-10,6689864	0,034	0,314
CHR5	26713743	CHR5:26713743	SSF x LoA	-7,3558236	-0,023	0,304
CHR5	2671387	CHR5:2671387	SSF x LoA	-8,62347582	0,093	0,309
CHR5	2671415	CHR5:2671415	SSF x LoA	-10,4965455	0,068	0,314
CHR5	2671540	CHR5:2671540	SSF x LoA	-9,0223145	0,127	0,303
CHR5	2671555	CHR5:2671555	SSF x LoA	-4,33567829	0,021	0,309
CHR5	2671594	CHR5:2671594	SSF x LoA	-7,98620148	-0,122	0,296
CHR5	2671610	CHR5:2671610	SSF x LoA	-9,24405467	0,129	0,299
CHR5	26720387	CHR5:26720387	SSF x LoA	-10,1258077	-0,002	0,314
CHR5	26720445	CHR5:26720445	SSF x LoA	-10,4155187	0,004	0,313
CHR5	26736412	CHR5:26736412	SSF x LoA	-9,09450703	-0,142	0,293
CHR5	26736423	CHR5:26736423	SSF x LoA	-10,9473883	0,059	0,314
CHR5	26741527	CHR5:26741527	SSF x LoA	-3,08816359	0,020	0,305
CHR5	26741549	CHR5:26741549	SSF x LoA	-8,3183244	-0,023	0,300
CHR5	26741550	CHR5:26741550	SSF x LoA	-8,97477168	-0,052	0,304
CHR5	26741977	CHR5:26741977	SSF x LoA	-6,93913487	0,045	0,304
CHR5	26758788	CHR5:26758788	SSF x LoA	-5,02504005	-0,160	0,302
CHR5	26758886	CHR5:26758886	SSF x LoA	-9,67877287	0,007	0,324
CHR5	26758985	CHR5:26758985	SSF x LoA	-10,4443214	0,017	0,310

CHR5	26760559	CHR5:26760559	SSF x LoA	-10,0917557	-0,061	0,299
CHR5	26761253	CHR5:26761253	SSF x LoA	-7,63532957	0,100	0,307
CHR5	26762937	CHR5:26762937	SSF x LoA	-8,73144186	-0,069	0,319
CHR5	26762967	CHR5:26762967	SSF x LoA	-9,45188444	-0,001	0,297
CHR5	26763042	CHR5:26763042	SSF x LoA	-10,8990771	-0,043	0,303
CHR5	26763205	CHR5:26763205	SSF x LoA	-6,82865295	0,032	0,321
CHR5	26765364	CHR5:26765364	SSF x LoA	-9,84230699	-0,120	0,296
CHR5	26765543	CHR5:26765543	SSF x LoA	-9,68745624	0,037	0,315
CHR5	26765547	CHR5:26765547	SSF x LoA	-7,96701271	0,019	0,310
CHR5	26765551	CHR5:26765551	SSF x LoA	-10,4277783	0,051	0,305
CHR5	2676984	CHR5:2676984	SSF x LoA	-4,29242237	-0,085	0,308
CHR5	2677062	CHR5:2677062	SSF x LoA	-9,6914652	0,014	0,292
CHR5	26776743	CHR5:26776743	SSF x LoA	-6,62693046	0,079	0,308
CHR5	26776837	CHR5:26776837	SSF x LoA	-9,10427389	-0,086	0,290
CHR5	26776887	CHR5:26776887	SSF x LoA	-7,54559771	0,065	0,318
CHR5	26776888	CHR5:26776888	SSF x LoA	-7,34898101	0,101	0,305
CHR5	26780082	CHR5:26780082	SSF x LoA	-10,9264535	0,045	0,297
CHR5	26780594	CHR5:26780594	SSF x LoA	-10,23373	-0,119	0,301
CHR5	26782666	CHR5:26782666	SSF x LoA	-10,7108459	0,101	0,300
CHR5	26782673	CHR5:26782673	SSF x LoA	-8,85264937	0,130	0,302
CHR5	26796749	CHR5:26796749	SSF x LoA	-9,7459245	-0,003	0,300
CHR5	26796752	CHR5:26796752	SSF x LoA	-11,1664476	0,053	0,300
CHR5	26796821	CHR5:26796821	SSF x LoA	-10,3726396	0,086	0,303
CHR5	26797821	CHR5:26797821	SSF x LoA	-9,25210142	0,106	0,319
CHR5	26813186	CHR5:26813186	SSF x LoA	-6,73782843	-0,178	0,298
CHR5	26813212	CHR5:26813212	SSF x LoA	-8,71558434	-0,063	0,304
CHR5	26819896	CHR5:26819896	SSF x LoA	-10,0054243	-0,041	0,302
CHR5	26819957	CHR5:26819957	SSF x LoA	-9,95352304	-0,073	0,312
CHR5	26820075	CHR5:26820075	SSF x LoA	-9,43653314	0,034	0,317
CHR5	26832365	CHR5:26832365	SSF x LoA	5,87045041	-0,147	0,302
CHR5	26832376	CHR5:26832376	SSF x LoA	-9,28138482	0,023	0,323
CHR5	26832394	CHR5:26832394	SSF x LoA	-9,90810169	-0,095	0,299
CHR5	26832483	CHR5:26832483	SSF x LoA	-8,91671481	0,161	0,298
CHR5	26832488	CHR5:26832488	SSF x LoA	-7,25479586	0,167	0,300
CHR5	26832501	CHR5:26832501	SSF x LoA	-10,2803942	0,012	0,314
CHR5	26837407	CHR5:26837407	SSF x LoA	-8,11773313	0,121	0,311
CHR5	26837474	CHR5:26837474	SSF x LoA	-9,05642011	0,104	0,292
CHR5	26837563	CHR5:26837563	SSF x LoA	-11,1128262	-0,060	0,301
CHR5	26843251	CHR5:26843251	SSF x LoA	0,04569189	-0,129	0,307
CHR5	26843423	CHR5:26843423	SSF x LoA	-11,8448116	-0,032	0,295
CHR5	26843531	CHR5:26843531	SSF x LoA	-9,2684822	-0,031	0,304
CHR5	26848401	CHR5:26848401	SSF x LoA	-9,11163858	0,065	0,304
CHR5	26848556	CHR5:26848556	SSF x LoA	-10,956476	0,030	0,309
CHR5	26849731	CHR5:26849731	SSF x LoA	-5,26417877	0,124	0,314
CHR5	26849874	CHR5:26849874	SSF x LoA	-7,89667991	0,070	0,318
CHR5	26870309	CHR5:26870309	SSF x LoA	-8,71204966	-0,003	0,307
CHR5	26870322	CHR5:26870322	SSF x LoA	-10,4045723	0,053	0,318
CHR5	26870328	CHR5:26870328	SSF x LoA	-11,2199364	0,000	0,311
CHR5	26883622	CHR5:26883622	SSF x LoA	-8,46676978	-0,144	0,295
CHR5	26898257	CHR5:26898257	SSF x LoA	-10,2068432	0,092	0,316
CHR5	26898272	CHR5:26898272	SSF x LoA	-10,1222656	0,058	0,306
CHR5	26902819	CHR5:26902819	SSF x LoA	-8,08452453	-0,074	0,307
CHR5	26902843	CHR5:26902843	SSF x LoA	-9,78980755	-0,006	0,320

CHR5	26902928	CHR5:26902928	SSF x LoA	-7,7348109	0,117	0,309
CHR5	26902935	CHR5:26902935	SSF x LoA	-9,14203017	0,068	0,321
CHR5	26902963	CHR5:26902963	SSF x LoA	-8,05878197	-0,021	0,311
CHR5	26914988	CHR5:26914988	SSF x LoA	-9,17859907	0,064	0,319
CHR5	26922014	CHR5:26922014	SSF x LoA	-8,90002633	0,055	0,316
CHR5	26922145	CHR5:26922145	SSF x LoA	-8,72111389	-0,060	0,302
CHR5	26926518	CHR5:26926518	SSF x LoA	-10,430725	-0,008	0,304
CHR5	26926521	CHR5:26926521	SSF x LoA	-10,6028801	0,083	0,299
CHR5	26926531	CHR5:26926531	SSF x LoA	-10,187138	0,027	0,295
CHR5	26926535	CHR5:26926535	SSF x LoA	-9,1204059	0,097	0,297
CHR5	26926558	CHR5:26926558	SSF x LoA	-10,7361122	0,118	0,304
CHR5	26926632	CHR5:26926632	SSF x LoA	-9,23525741	0,005	0,295
CHR5	26927139	CHR5:26927139	SSF x LoA	-7,52840463	0,143	0,308
CHR5	26927164	CHR5:26927164	SSF x LoA	-9,19490831	0,118	0,309
CHR5	26937614	CHR5:26937614	SSF x LoA	-11,0767083	-0,020	0,317
CHR5	26937831	CHR5:26937831	SSF x LoA	-5,86222795	0,245	0,294
CHR5	26937896	CHR5:26937896	SSF x LoA	-8,38967676	0,113	0,293
CHR5	26937922	CHR5:26937922	SSF x LoA	-9,74311155	0,096	0,296
CHR5	26937942	CHR5:26937942	SSF x LoA	-10,9453113	0,032	0,301
CHR5	26966704	CHR5:26966704	SSF x LoA	-9,00157438	-0,027	0,308
CHR5	26973106	CHR5:26973106	SSF x LoA	-10,6744984	-0,074	0,316
CHR5	26976241	CHR5:26976241	SSF x LoA	-9,82462315	0,046	0,320
CHR5	26976439	CHR5:26976439	SSF x LoA	-7,6004892	-0,141	0,298
CHR5	26980856	CHR5:26980856	SSF x LoA	-7,00111996	-0,039	0,300
CHR5	26980878	CHR5:26980878	SSF x LoA	-7,95498493	-0,155	0,287
CHR5	26983803	CHR5:26983803	SSF x LoA	-9,08316025	0,030	0,315
CHR5	26986616	CHR5:26986616	SSF x LoA	-10,320704	-0,019	0,306
CHR5	26986668	CHR5:26986668	SSF x LoA	-10,8488727	-0,040	0,311
CHR5	26991988	CHR5:26991988	SSF x LoA	-7,58118722	0,093	0,308
CHR5	27009172	CHR5:27009172	SSF x LoA	-11,7578523	-0,064	0,308
CHR5	27009183	CHR5:27009183	SSF x LoA	-10,2469781	0,057	0,302
CHR5	27012809	CHR5:27012809	SSF x LoA	-6,82887717	-0,058	0,299
CHR5	27021384	CHR5:27021384	SSF x LoA	-9,06509857	0,052	0,311
CHR5	27021534	CHR5:27021534	SSF x LoA	-10,8995793	0,023	0,320
CHR5	27032753	CHR5:27032753	SSF x LoA	-7,09666604	0,038	0,312
CHR5	27032761	CHR5:27032761	SSF x LoA	-9,68261312	0,020	0,308
CHR5	27032845	CHR5:27032845	SSF x LoA	-8,07841932	0,045	0,306
CHR5	27032982	CHR5:27032982	SSF x LoA	-10,0912701	0,049	0,321
CHR5	27043673	CHR5:27043673	SSF x LoA	-9,36729678	-0,059	0,291
CHR5	27043714	CHR5:27043714	SSF x LoA	-8,12624548	0,034	0,310
CHR5	27043725	CHR5:27043725	SSF x LoA	-9,719107	-0,027	0,298
CHR5	27050556	CHR5:27050556	SSF x LoA	-8,97058402	-0,003	0,316
CHR5	27050731	CHR5:27050731	SSF x LoA	-9,99177472	-0,080	0,298
CHR5	27050880	CHR5:27050880	SSF x LoA	-10,5008624	-0,074	0,291
CHR5	27053115	CHR5:27053115	SSF x LoA	-10,9943921	-0,006	0,316
CHR5	27053118	CHR5:27053118	SSF x LoA	-9,65012601	-0,042	0,320
CHR5	27053186	CHR5:27053186	SSF x LoA	-9,36241975	0,003	0,301
CHR5	27075777	CHR5:27075777	SSF x LoA	-10,1473278	0,031	0,295
CHR5	2709350	CHR5:2709350	SSF x LoA	-8,88560508	-0,002	0,318
CHR5	27096381	CHR5:27096381	SSF x LoA	-8,31842389	0,033	0,303
CHR5	27101645	CHR5:27101645	SSF x LoA	-5,8976043	-0,174	0,295
CHR5	27101857	CHR5:27101857	SSF x LoA	0,57259366	0,059	0,306
CHR5	27101863	CHR5:27101863	SSF x LoA	-11,0942465	0,089	0,292

CHR5	27107152	CHR5:27107152	SSF x LoA	-5,60294063	-0,007	0,285
CHR5	27107161	CHR5:27107161	SSF x LoA	-10,5183142	-0,070	0,309
CHR5	27107166	CHR5:27107166	SSF x LoA	-11,2868626	-0,012	0,310
CHR5	27108781	CHR5:27108781	SSF x LoA	-9,15645791	-0,021	0,296
CHR5	27108803	CHR5:27108803	SSF x LoA	-7,14305091	-0,067	0,303
CHR5	27108812	CHR5:27108812	SSF x LoA	-10,295337	0,070	0,311
CHR5	27108869	CHR5:27108869	SSF x LoA	-8,98400482	0,040	0,312
CHR5	27114189	CHR5:27114189	SSF x LoA	-8,02034737	0,128	0,301
CHR5	27114199	CHR5:27114199	SSF x LoA	-9,22555871	0,050	0,307
CHR5	27116306	CHR5:27116306	SSF x LoA	-8,32072265	-0,121	0,303
CHR5	27116571	CHR5:27116571	SSF x LoA	-10,2158115	0,035	0,304
CHR5	27119535	CHR5:27119535	SSF x LoA	-10,8207032	-0,074	0,305
CHR5	27129976	CHR5:27129976	SSF x LoA	-10,6254257	0,060	0,308
CHR5	27130082	CHR5:27130082	SSF x LoA	-12,0938508	-0,019	0,305
CHR5	27130201	CHR5:27130201	SSF x LoA	-9,89473855	0,128	0,301
CHR5	27130276	CHR5:27130276	SSF x LoA	-9,58011681	0,102	0,303
CHR5	27132428	CHR5:27132428	SSF x LoA	-7,29457907	0,213	0,282
CHR5	27135595	CHR5:27135595	SSF x LoA	-9,49777944	-0,066	0,300
CHR5	27135612	CHR5:27135612	SSF x LoA	-8,28625998	-0,040	0,295
CHR5	27135613	CHR5:27135613	SSF x LoA	-6,61466576	-0,030	0,314
CHR5	27135614	CHR5:27135614	SSF x LoA	-8,23919704	-0,042	0,299
CHR5	27136134	CHR5:27136134	SSF x LoA	-9,24707253	-0,198	0,290
CHR5	27136135	CHR5:27136135	SSF x LoA	-8,60620277	-0,179	0,310
CHR5	27136136	CHR5:27136136	SSF x LoA	-6,69472639	-0,134	0,305
CHR5	27163523	CHR5:27163523	SSF x LoA	-11,104987	0,051	0,300
CHR5	27163574	CHR5:27163574	SSF x LoA	-10,074306	0,153	0,300
CHR5	27163593	CHR5:27163593	SSF x LoA	-4,51369168	-0,193	0,300
CHR5	27165578	CHR5:27165578	SSF x LoA	-8,52043442	-0,001	0,309
CHR5	27168093	CHR5:27168093	SSF x LoA	-7,7280261	0,058	0,309
CHR5	27180474	CHR5:27180474	SSF x LoA	-6,45007032	-0,076	0,307
CHR5	27180613	CHR5:27180613	SSF x LoA	-10,1899565	0,058	0,310
CHR5	27180617	CHR5:27180617	SSF x LoA	-7,90875672	0,063	0,310
CHR5	27182380	CHR5:27182380	SSF x LoA	-7,78709152	-0,018	0,325
CHR5	27187878	CHR5:27187878	SSF x LoA	-7,959229	0,181	0,306
CHR5	27187891	CHR5:27187891	SSF x LoA	-8,09185875	-0,117	0,301
CHR5	27187898	CHR5:27187898	SSF x LoA	-4,17166755	-0,125	0,302
CHR5	27187922	CHR5:27187922	SSF x LoA	-8,67250848	-0,060	0,305
CHR5	27190725	CHR5:27190725	SSF x LoA	-9,37462013	0,046	0,311
CHR5	27209112	CHR5:27209112	SSF x LoA	-11,7344116	0,054	0,317
CHR5	27209151	CHR5:27209151	SSF x LoA	-10,2810991	-0,013	0,317
CHR5	27209197	CHR5:27209197	SSF x LoA	-7,46429905	0,089	0,299
CHR5	27209201	CHR5:27209201	SSF x LoA	-9,68584873	-0,012	0,312
CHR5	27213153	CHR5:27213153	SSF x LoA	-8,20961491	0,081	0,311
CHR5	27214459	CHR5:27214459	SSF x LoA	-7,009429	-0,024	0,330
CHR5	27217865	CHR5:27217865	SSF x LoA	-8,10828539	0,045	0,321
CHR5	27217882	CHR5:27217882	SSF x LoA	-8,2508567	-0,031	0,312
CHR5	27217906	CHR5:27217906	SSF x LoA	-8,22824056	0,065	0,303
CHR5	27218023	CHR5:27218023	SSF x LoA	-9,04719184	0,022	0,301
CHR5	27218044	CHR5:27218044	SSF x LoA	-9,64491451	-0,110	0,301
CHR5	27218108	CHR5:27218108	SSF x LoA	-10,1435179	-0,024	0,314
CHR5	27223071	CHR5:27223071	SSF x LoA	-10,1548987	-0,009	0,305
CHR5	27223106	CHR5:27223106	SSF x LoA	-6,67931947	-0,162	0,305
CHR5	27223126	CHR5:27223126	SSF x LoA	-11,4201739	-0,051	0,303

CHR5	27223152	CHR5:27223152	SSF x LoA	-10,4716519	0,068	0,305
CHR5	27225907	CHR5:27225907	SSF x LoA	-6,30570096	0,085	0,308
CHR5	27225921	CHR5:27225921	SSF x LoA	-5,5083082	0,053	0,309
CHR5	27225923	CHR5:27225923	SSF x LoA	-9,1355	0,010	0,302
CHR5	27225943	CHR5:27225943	SSF x LoA	-6,63529006	-0,158	0,294
CHR5	27225953	CHR5:27225953	SSF x LoA	-9,38891921	-0,094	0,312
CHR5	27237408	CHR5:27237408	SSF x LoA	-10,7670294	-0,057	0,300
CHR5	27254917	CHR5:27254917	SSF x LoA	-8,15878163	-0,002	0,301
CHR5	27254945	CHR5:27254945	SSF x LoA	-7,6220836	-0,128	0,297
CHR5	27255016	CHR5:27255016	SSF x LoA	-11,3611587	-0,021	0,312
CHR5	27255049	CHR5:27255049	SSF x LoA	-11,2532481	0,086	0,309
CHR5	27259339	CHR5:27259339	SSF x LoA	-10,5676401	-0,041	0,302
CHR5	27283457	CHR5:27283457	SSF x LoA	-6,2404476	-0,078	0,312
CHR5	27285748	CHR5:27285748	SSF x LoA	-10,0697466	-0,009	0,319
CHR5	27298869	CHR5:27298869	SSF x LoA	-11,6650144	0,018	0,313
CHR5	27298895	CHR5:27298895	SSF x LoA	-8,6659782	-0,103	0,305
CHR5	27304272	CHR5:27304272	SSF x LoA	-9,63060341	0,118	0,296
CHR5	27304310	CHR5:27304310	SSF x LoA	-8,1975302	-0,026	0,319
CHR5	27306951	CHR5:27306951	SSF x LoA	-11,0975317	-0,036	0,304
CHR5	27307032	CHR5:27307032	SSF x LoA	-8,60912397	-0,034	0,314
CHR5	27307146	CHR5:27307146	SSF x LoA	-7,95264597	-0,144	0,306
CHR5	27317038	CHR5:27317038	SSF x LoA	-10,8514714	-0,061	0,308
CHR5	2732785	CHR5:2732785	SSF x LoA	-7,8552	0,052	0,319
CHR5	27331549	CHR5:27331549	SSF x LoA	-8,13330735	-0,032	0,315
CHR5	2753030	CHR5:2753030	SSF x LoA	-7,60248144	-0,106	0,308
CHR5	2754249	CHR5:2754249	SSF x LoA	-8,49848617	0,006	0,309
CHR5	27556505	CHR5:27556505	SSF x LoA	-9,90399417	0,032	0,300
CHR5	27562390	CHR5:27562390	SSF x LoA	-8,29549339	0,059	0,309
CHR5	27562528	CHR5:27562528	SSF x LoA	-9,60406647	0,007	0,306
CHR5	27570694	CHR5:27570694	SSF x LoA	-9,29004785	0,097	0,305
CHR5	27572394	CHR5:27572394	SSF x LoA	-9,10926691	-0,164	0,299
CHR5	27572610	CHR5:27572610	SSF x LoA	-9,51968405	0,071	0,308
CHR5	2758211	CHR5:2758211	SSF x LoA	-8,66719223	0,065	0,308
CHR5	2758363	CHR5:2758363	SSF x LoA	-8,01949144	0,124	0,300
CHR5	27587943	CHR5:27587943	SSF x LoA	-10,1217378	0,081	0,294
CHR5	27594240	CHR5:27594240	SSF x LoA	-7,94922618	-0,021	0,323
CHR5	27594297	CHR5:27594297	SSF x LoA	-9,58504832	0,019	0,293
CHR5	27595456	CHR5:27595456	SSF x LoA	-10,0745552	-0,039	0,302
CHR5	27596314	CHR5:27596314	SSF x LoA	-10,392196	-0,022	0,311
CHR5	27596345	CHR5:27596345	SSF x LoA	-9,02554592	0,006	0,313
CHR5	27596478	CHR5:27596478	SSF x LoA	-9,22522241	0,087	0,310
CHR5	2760226	CHR5:2760226	SSF x LoA	-8,42555795	0,013	0,322
CHR5	27603706	CHR5:27603706	SSF x LoA	-9,83187144	-0,099	0,318
CHR5	27603796	CHR5:27603796	SSF x LoA	-9,81678279	-0,019	0,319
CHR5	27603933	CHR5:27603933	SSF x LoA	-7,51260784	-0,084	0,312
CHR5	27603956	CHR5:27603956	SSF x LoA	-3,18141834	0,077	0,299
CHR5	27607299	CHR5:27607299	SSF x LoA	-9,51574952	0,014	0,297
CHR5	27607305	CHR5:27607305	SSF x LoA	-9,62503216	0,108	0,301
CHR5	27609535	CHR5:27609535	SSF x LoA	-6,15579117	0,086	0,298
CHR5	27609651	CHR5:27609651	SSF x LoA	-8,82864813	0,060	0,302
CHR5	27609689	CHR5:27609689	SSF x LoA	-7,70829805	-0,055	0,314
CHR5	27614456	CHR5:27614456	SSF x LoA	-10,6689548	0,061	0,309
CHR5	27635038	CHR5:27635038	SSF x LoA	-12,0651291	0,016	0,304

CHR5	27635156	CHR5:27635156	SSF x LoA	-8,92573337	-0,087	0,311
CHR5	27636563	CHR5:27636563	SSF x LoA	-9,38152404	-0,140	0,302
CHR5	27638853	CHR5:27638853	SSF x LoA	-9,30024198	0,064	0,308
CHR5	27638904	CHR5:27638904	SSF x LoA	-8,2166808	-0,104	0,312
CHR5	27638977	CHR5:27638977	SSF x LoA	-10,5408941	-0,062	0,313
CHR5	27638985	CHR5:27638985	SSF x LoA	-8,7172641	-0,127	0,319
CHR5	27638987	CHR5:27638987	SSF x LoA	-5,54503395	0,172	0,324
CHR5	27647040	CHR5:27647040	SSF x LoA	-6,60714318	-0,050	0,305
CHR5	27648184	CHR5:27648184	SSF x LoA	-10,8341883	-0,042	0,312
CHR5	27648206	CHR5:27648206	SSF x LoA	-9,53964832	-0,139	0,311
CHR5	27648213	CHR5:27648213	SSF x LoA	-8,87541908	-0,113	0,304
CHR5	27648307	CHR5:27648307	SSF x LoA	-10,3903379	-0,034	0,307
CHR5	27648318	CHR5:27648318	SSF x LoA	-10,6805517	0,028	0,319
CHR5	27663034	CHR5:27663034	SSF x LoA	-11,4465089	0,039	0,298
CHR5	27663135	CHR5:27663135	SSF x LoA	-8,04844955	0,162	0,303
CHR5	27663209	CHR5:27663209	SSF x LoA	-8,71464782	-0,148	0,292
CHR5	2769385	CHR5:2769385	SSF x LoA	-8,68789422	-0,052	0,309
CHR5	27701802	CHR5:27701802	SSF x LoA	-10,4522852	0,008	0,310
CHR5	27702878	CHR5:27702878	SSF x LoA	-9,14034147	0,052	0,301
CHR5	27703009	CHR5:27703009	SSF x LoA	-6,97883362	0,098	0,308
CHR5	27704750	CHR5:27704750	SSF x LoA	-5,36694893	0,042	0,325
CHR5	27704777	CHR5:27704777	SSF x LoA	-10,7770734	-0,035	0,312
CHR5	27704847	CHR5:27704847	SSF x LoA	-9,45808801	0,105	0,307
CHR5	27704883	CHR5:27704883	SSF x LoA	-11,293534	0,020	0,309
CHR5	27711620	CHR5:27711620	SSF x LoA	-9,40659767	-0,002	0,309
CHR5	27716993	CHR5:27716993	SSF x LoA	-11,8816468	-0,023	0,309
CHR5	27717088	CHR5:27717088	SSF x LoA	-9,45541954	-0,043	0,306
CHR5	27717105	CHR5:27717105	SSF x LoA	-7,42715019	0,111	0,288
CHR5	27717153	CHR5:27717153	SSF x LoA	-10,7530708	0,015	0,310
CHR5	27717215	CHR5:27717215	SSF x LoA	-9,48592749	-0,055	0,308
CHR5	27722536	CHR5:27722536	SSF x LoA	-10,9154679	0,044	0,297
CHR5	27722568	CHR5:27722568	SSF x LoA	-11,0045528	-0,064	0,299
CHR5	27724232	CHR5:27724232	SSF x LoA	-7,78816571	-0,083	0,312
CHR5	27725780	CHR5:27725780	SSF x LoA	-10,8316464	0,021	0,322
CHR5	27725847	CHR5:27725847	SSF x LoA	-10,7850717	-0,069	0,303
CHR5	27725857	CHR5:27725857	SSF x LoA	-9,63635671	-0,108	0,303
CHR5	27725860	CHR5:27725860	SSF x LoA	-10,4024759	0,058	0,296
CHR5	27725865	CHR5:27725865	SSF x LoA	-7,79477316	0,052	0,304
CHR5	27725881	CHR5:27725881	SSF x LoA	-8,86324633	-0,034	0,292
CHR5	27726016	CHR5:27726016	SSF x LoA	-10,0116584	-0,032	0,299
CHR5	27730866	CHR5:27730866	SSF x LoA	-8,50665288	0,120	0,308
CHR5	27730925	CHR5:27730925	SSF x LoA	-10,5804433	-0,023	0,306
CHR5	27731053	CHR5:27731053	SSF x LoA	-10,3335363	0,071	0,297
CHR5	27752933	CHR5:27752933	SSF x LoA	-8,5425321	0,101	0,307
CHR5	27757794	CHR5:27757794	SSF x LoA	-10,3411832	-0,130	0,305
CHR5	27760050	CHR5:27760050	SSF x LoA	-9,28324285	0,057	0,296
CHR5	27760052	CHR5:27760052	SSF x LoA	-9,47639726	-0,017	0,310
CHR5	27760103	CHR5:27760103	SSF x LoA	-8,96354605	0,074	0,301
CHR5	27763345	CHR5:27763345	SSF x LoA	-9,62089916	-0,002	0,299
CHR5	27763443	CHR5:27763443	SSF x LoA	-8,78777321	0,006	0,321
CHR5	27763507	CHR5:27763507	SSF x LoA	-9,0824069	-0,001	0,310
CHR5	2777486	CHR5:2777486	SSF x LoA	-6,60807815	0,126	0,314
CHR5	27778619	CHR5:27778619	SSF x LoA	-12,09539	0,061	0,306

CHR5	27778801	CHR5:27778801	SSF x LoA	-7,15647188	0,091	0,298
CHR5	27784647	CHR5:27784647	SSF x LoA	-9,46602384	0,061	0,307
CHR5	27784711	CHR5:27784711	SSF x LoA	-8,2094025	0,052	0,299
CHR5	27784878	CHR5:27784878	SSF x LoA	-9,00152501	0,005	0,302
CHR5	27788366	CHR5:27788366	SSF x LoA	-7,20271306	-0,128	0,307
CHR5	27788530	CHR5:27788530	SSF x LoA	-9,27788328	0,158	0,314
CHR5	27788580	CHR5:27788580	SSF x LoA	-5,07808059	0,043	0,307
CHR5	2779379	CHR5:2779379	SSF x LoA	-10,5246192	0,004	0,303
CHR5	2779454	CHR5:2779454	SSF x LoA	-7,88335601	0,019	0,310
CHR5	27807822	CHR5:27807822	SSF x LoA	-11,4707235	-0,046	0,312
CHR5	27818176	CHR5:27818176	SSF x LoA	-5,16977451	-0,177	0,300
CHR5	27818205	CHR5:27818205	SSF x LoA	-9,25248798	0,005	0,319
CHR5	27818413	CHR5:27818413	SSF x LoA	-10,5363784	0,006	0,299
CHR5	27818463	CHR5:27818463	SSF x LoA	-10,0516855	0,045	0,299
CHR5	27819920	CHR5:27819920	SSF x LoA	-10,5110864	0,048	0,306
CHR5	27820252	CHR5:27820252	SSF x LoA	-10,2139885	0,049	0,305
CHR5	27826601	CHR5:27826601	SSF x LoA	-8,96147906	-0,047	0,319
CHR5	27826637	CHR5:27826637	SSF x LoA	-12,2852013	0,055	0,298
CHR5	27826639	CHR5:27826639	SSF x LoA	-8,88817896	0,061	0,316
CHR5	27826703	CHR5:27826703	SSF x LoA	-7,99889134	-0,058	0,316
CHR5	2783625	CHR5:2783625	SSF x LoA	-10,1197698	-0,104	0,299
CHR5	2783788	CHR5:2783788	SSF x LoA	-9,12885564	-0,082	0,309
CHR5	2783813	CHR5:2783813	SSF x LoA	-8,48271643	-0,085	0,311
CHR5	27844745	CHR5:27844745	SSF x LoA	-11,3219459	-0,031	0,328
CHR5	27855736	CHR5:27855736	SSF x LoA	-8,86030047	-0,023	0,320
CHR5	27855811	CHR5:27855811	SSF x LoA	-9,27249706	0,030	0,313
CHR5	27855835	CHR5:27855835	SSF x LoA	-8,7651076	0,161	0,303
CHR5	27855839	CHR5:27855839	SSF x LoA	-8,33515933	0,054	0,308
CHR5	27855873	CHR5:27855873	SSF x LoA	-11,5681397	0,075	0,299
CHR5	27855892	CHR5:27855892	SSF x LoA	-10,2341892	0,013	0,318
CHR5	27855923	CHR5:27855923	SSF x LoA	-4,7900245	0,227	0,285
CHR5	27855968	CHR5:27855968	SSF x LoA	-7,79707399	-0,098	0,301
CHR5	27861143	CHR5:27861143	SSF x LoA	-9,90671316	-0,062	0,312
CHR5	27861204	CHR5:27861204	SSF x LoA	-8,21002821	-0,113	0,310
CHR5	27861325	CHR5:27861325	SSF x LoA	-7,07907402	0,068	0,301
CHR5	27861377	CHR5:27861377	SSF x LoA	-10,1804193	0,035	0,291
CHR5	27865800	CHR5:27865800	SSF x LoA	-6,83981698	-0,104	0,317
CHR5	27865861	CHR5:27865861	SSF x LoA	-9,70711119	-0,026	0,314
CHR5	27866781	CHR5:27866781	SSF x LoA	-8,18652702	0,014	0,302
CHR5	27874040	CHR5:27874040	SSF x LoA	3,42274487	0,239	0,295
CHR5	27874100	CHR5:27874100	SSF x LoA	-6,67728879	-0,105	0,307
CHR5	27883185	CHR5:27883185	SSF x LoA	-8,81899714	-0,026	0,313
CHR5	27883186	CHR5:27883186	SSF x LoA	-10,3433219	-0,004	0,320
CHR5	27883234	CHR5:27883234	SSF x LoA	-0,96100187	-0,062	0,308
CHR5	27883239	CHR5:27883239	SSF x LoA	-9,33155002	-0,057	0,297
CHR5	27883261	CHR5:27883261	SSF x LoA	-9,34511625	0,064	0,313
CHR5	27891356	CHR5:27891356	SSF x LoA	-11,3879775	-0,009	0,301
CHR5	27891516	CHR5:27891516	SSF x LoA	-8,85978898	0,034	0,307
CHR5	27891692	CHR5:27891692	SSF x LoA	-8,67943776	-0,048	0,303
CHR5	27891697	CHR5:27891697	SSF x LoA	-8,49948409	0,033	0,307
CHR5	27897784	CHR5:27897784	SSF x LoA	-9,23283494	-0,029	0,308
CHR5	27897850	CHR5:27897850	SSF x LoA	-10,2369549	0,065	0,305
CHR5	27900918	CHR5:27900918	SSF x LoA	-9,68497638	-0,031	0,301

CHR5	27900991	CHR5:27900991	SSF x LoA	-8,86166531	-0,067	0,314
CHR5	27904244	CHR5:27904244	SSF x LoA	-10,5093894	0,005	0,309
CHR5	27904266	CHR5:27904266	SSF x LoA	-12,3457455	-0,024	0,304
CHR5	27905630	CHR5:27905630	SSF x LoA	-10,8463963	-0,057	0,320
CHR5	27921594	CHR5:27921594	SSF x LoA	-9,54435487	-0,020	0,314
CHR5	27921611	CHR5:27921611	SSF x LoA	-10,9235199	-0,033	0,306
CHR5	27923946	CHR5:27923946	SSF x LoA	-11,6521862	-0,040	0,307
CHR5	27923978	CHR5:27923978	SSF x LoA	-6,08084716	0,118	0,303
CHR5	27923986	CHR5:27923986	SSF x LoA	-11,926443	-0,040	0,307
CHR5	27923990	CHR5:27923990	SSF x LoA	-9,68716624	0,053	0,296
CHR5	27924023	CHR5:27924023	SSF x LoA	-6,99195053	0,004	0,304
CHR5	27927863	CHR5:27927863	SSF x LoA	-10,1033881	0,002	0,307
CHR5	27927892	CHR5:27927892	SSF x LoA	-12,4892315	-0,049	0,291
CHR5	27927939	CHR5:27927939	SSF x LoA	-8,47853023	0,093	0,303
CHR5	27927952	CHR5:27927952	SSF x LoA	-10,9450487	-0,025	0,307
CHR5	27928183	CHR5:27928183	SSF x LoA	12,6337284	0,071	0,302
CHR5	27928247	CHR5:27928247	SSF x LoA	-10,560826	-0,041	0,303
CHR5	27928282	CHR5:27928282	SSF x LoA	-11,1789569	0,043	0,302
CHR5	27943251	CHR5:27943251	SSF x LoA	-9,54794626	0,048	0,311
CHR5	27947993	CHR5:27947993	SSF x LoA	-10,1591596	0,057	0,298
CHR5	27948139	CHR5:27948139	SSF x LoA	-8,43169215	-0,009	0,315
CHR5	27951321	CHR5:27951321	SSF x LoA	-8,85974446	-0,101	0,301
CHR5	27951367	CHR5:27951367	SSF x LoA	-9,46107528	0,039	0,306
CHR5	27951427	CHR5:27951427	SSF x LoA	-9,24513108	-0,082	0,312
CHR5	27951470	CHR5:27951470	SSF x LoA	-11,0180734	-0,090	0,307
CHR5	27951488	CHR5:27951488	SSF x LoA	-8,95107222	-0,041	0,316
CHR5	27951493	CHR5:27951493	SSF x LoA	-8,73732712	-0,024	0,300
CHR5	27951498	CHR5:27951498	SSF x LoA	-8,19590906	-0,107	0,305
CHR5	27952602	CHR5:27952602	SSF x LoA	-9,20890076	0,002	0,302
CHR5	27952642	CHR5:27952642	SSF x LoA	-8,01469831	0,010	0,301
CHR5	27952675	CHR5:27952675	SSF x LoA	-9,85951085	-0,116	0,295
CHR5	27952676	CHR5:27952676	SSF x LoA	-9,61228539	-0,105	0,307
CHR5	27952754	CHR5:27952754	SSF x LoA	-11,3219599	-0,012	0,306
CHR5	27952756	CHR5:27952756	SSF x LoA	-11,6647532	0,014	0,310
CHR5	27959206	CHR5:27959206	SSF x LoA	-7,82579779	-0,149	0,289
CHR5	27959288	CHR5:27959288	SSF x LoA	-8,33652613	-0,068	0,316
CHR5	27968465	CHR5:27968465	SSF x LoA	-9,1918463	-0,084	0,302
CHR5	27968542	CHR5:27968542	SSF x LoA	-5,32249131	0,183	0,313
CHR5	27974382	CHR5:27974382	SSF x LoA	-10,3007072	-0,041	0,317
CHR5	27974383	CHR5:27974383	SSF x LoA	-8,61307761	-0,028	0,290
CHR5	27980274	CHR5:27980274	SSF x LoA	-9,43073468	-0,047	0,309
CHR5	27980545	CHR5:27980545	SSF x LoA	-10,5523443	0,071	0,306
CHR5	27985528	CHR5:27985528	SSF x LoA	-10,0923448	-0,101	0,306
CHR5	27995973	CHR5:27995973	SSF x LoA	-11,4535446	-0,014	0,302
CHR5	27995995	CHR5:27995995	SSF x LoA	-8,64265464	-0,089	0,311
CHR5	27996017	CHR5:27996017	SSF x LoA	-9,98772645	-0,041	0,318
CHR5	27996018	CHR5:27996018	SSF x LoA	-8,05529565	-0,033	0,316
CHR5	27996092	CHR5:27996092	SSF x LoA	-11,0592805	-0,059	0,307
CHR5	27996276	CHR5:27996276	SSF x LoA	-7,73057251	-0,109	0,305
CHR5	28003286	CHR5:28003286	SSF x LoA	-9,14205624	0,087	0,291
CHR5	28003636	CHR5:28003636	SSF x LoA	-11,5582513	-0,001	0,310
CHR5	28003654	CHR5:28003654	SSF x LoA	-11,2101761	-0,017	0,300
CHR5	28015358	CHR5:28015358	SSF x LoA	-11,1923549	0,036	0,295

CHR5	28015362	CHR5:28015362	SSF x LoA	-9,00263588	0,058	0,302
CHR5	2801700	CHR5:2801700	SSF x LoA	-7,66192757	0,040	0,319
CHR5	2801776	CHR5:2801776	SSF x LoA	-9,05304807	0,033	0,315
CHR5	28027025	CHR5:28027025	SSF x LoA	-10,5081663	-0,088	0,300
CHR5	28027055	CHR5:28027055	SSF x LoA	-7,73204227	-0,134	0,294
CHR5	28027060	CHR5:28027060	SSF x LoA	-6,55043702	0,033	0,312
CHR5	28027081	CHR5:28027081	SSF x LoA	-11,1946272	-0,008	0,311
CHR5	28027148	CHR5:28027148	SSF x LoA	-9,44812119	-0,039	0,295
CHR5	28027272	CHR5:28027272	SSF x LoA	-9,88943253	0,031	0,319
CHR5	28029487	CHR5:28029487	SSF x LoA	-9,3807398	-0,087	0,301
CHR5	28029552	CHR5:28029552	SSF x LoA	-10,3668587	-0,010	0,300
CHR5	28029564	CHR5:28029564	SSF x LoA	-9,89547078	-0,009	0,312
CHR5	28032112	CHR5:28032112	SSF x LoA	-10,621254	0,032	0,305
CHR5	28032162	CHR5:28032162	SSF x LoA	-9,6305908	0,000	0,313
CHR5	28032163	CHR5:28032163	SSF x LoA	-9,16244778	-0,054	0,306
CHR5	28034342	CHR5:28034342	SSF x LoA	-11,4567972	-0,020	0,306
CHR5	28034377	CHR5:28034377	SSF x LoA	-6,92056317	0,111	0,306
CHR5	28035049	CHR5:28035049	SSF x LoA	-8,59485231	-0,029	0,304
CHR5	28037057	CHR5:28037057	SSF x LoA	-11,22527	0,011	0,305
CHR5	28037099	CHR5:28037099	SSF x LoA	-6,64095855	-0,027	0,318
CHR5	28040154	CHR5:28040154	SSF x LoA	-9,32951091	0,080	0,309
CHR5	28042287	CHR5:28042287	SSF x LoA	-7,00059043	-0,116	0,305
CHR5	28042295	CHR5:28042295	SSF x LoA	-8,76015168	-0,040	0,313
CHR5	28045598	CHR5:28045598	SSF x LoA	-11,2600057	-0,080	0,313
CHR5	28052963	CHR5:28052963	SSF x LoA	-8,58728007	0,009	0,307
CHR5	28053081	CHR5:28053081	SSF x LoA	-10,7553088	-0,010	0,305
CHR5	28059258	CHR5:28059258	SSF x LoA	1,41325408	0,054	0,311
CHR5	28059431	CHR5:28059431	SSF x LoA	-9,42600426	0,004	0,319
CHR5	28063537	CHR5:28063537	SSF x LoA	-7,67199138	-0,055	0,304
CHR5	28063796	CHR5:28063796	SSF x LoA	-9,08273848	0,011	0,306
CHR5	28063835	CHR5:28063835	SSF x LoA	-6,68144363	-0,169	0,296
CHR5	28072589	CHR5:28072589	SSF x LoA	-9,76426098	-0,144	0,282
CHR5	28077614	CHR5:28077614	SSF x LoA	-9,18207789	0,063	0,315
CHR5	28077616	CHR5:28077616	SSF x LoA	-9,222195	0,050	0,324
CHR5	28080594	CHR5:28080594	SSF x LoA	-10,1014863	-0,010	0,287
CHR5	28080637	CHR5:28080637	SSF x LoA	-7,99722508	-0,074	0,313
CHR5	28080668	CHR5:28080668	SSF x LoA	-10,2990844	0,090	0,315
CHR5	28080669	CHR5:28080669	SSF x LoA	-11,422215	0,070	0,308
CHR5	28088351	CHR5:28088351	SSF x LoA	-10,0071445	-0,041	0,307
CHR5	28088474	CHR5:28088474	SSF x LoA	-11,6303531	-0,055	0,305
CHR5	28090163	CHR5:28090163	SSF x LoA	-10,8179293	0,058	0,298
CHR5	28114225	CHR5:28114225	SSF x LoA	-8,64802102	0,021	0,306
CHR5	28114255	CHR5:28114255	SSF x LoA	-10,2463846	-0,057	0,284
CHR5	28114665	CHR5:28114665	SSF x LoA	-9,49554561	-0,101	0,296
CHR5	28114779	CHR5:28114779	SSF x LoA	-9,51626854	0,078	0,296
CHR5	28114787	CHR5:28114787	SSF x LoA	-8,27154073	0,105	0,317
CHR5	28114847	CHR5:28114847	SSF x LoA	-9,31434385	0,137	0,294
CHR5	28119604	CHR5:28119604	SSF x LoA	-8,99777809	0,055	0,301
CHR5	28119618	CHR5:28119618	SSF x LoA	-9,49934968	-0,033	0,309
CHR5	28119651	CHR5:28119651	SSF x LoA	-8,71745288	-0,107	0,285
CHR5	28119661	CHR5:28119661	SSF x LoA	-6,45694693	-0,170	0,297
CHR5	28126732	CHR5:28126732	SSF x LoA	-6,40309815	0,032	0,306
CHR5	28126753	CHR5:28126753	SSF x LoA	-8,88146944	0,097	0,296

CHR5	28126754	CHR5:28126754	SSF x LoA	-8,6921543	0,063	0,306
CHR5	28128988	CHR5:28128988	SSF x LoA	-11,2369475	0,067	0,305
CHR5	28133557	CHR5:28133557	SSF x LoA	-9,89244378	-0,050	0,302
CHR5	28133568	CHR5:28133568	SSF x LoA	-11,3397999	0,016	0,304
CHR5	28133619	CHR5:28133619	SSF x LoA	-10,9677333	0,079	0,299
CHR5	28133639	CHR5:28133639	SSF x LoA	-9,64432482	0,006	0,316
CHR5	28133643	CHR5:28133643	SSF x LoA	-10,0241585	0,016	0,298
CHR5	28135939	CHR5:28135939	SSF x LoA	-8,84003535	-0,102	0,301
CHR5	28135949	CHR5:28135949	SSF x LoA	-10,173899	-0,099	0,310
CHR5	28135956	CHR5:28135956	SSF x LoA	-8,49939857	0,031	0,312
CHR5	28139534	CHR5:28139534	SSF x LoA	-7,18449736	-0,179	0,306
CHR5	28143601	CHR5:28143601	SSF x LoA	-12,2498704	-0,002	0,310
CHR5	28143665	CHR5:28143665	SSF x LoA	-8,30765531	-0,043	0,305
CHR5	28143675	CHR5:28143675	SSF x LoA	-9,44159453	0,005	0,307
CHR5	2814846	CHR5:2814846	SSF x LoA	-6,99302689	-0,025	0,303
CHR5	2815029	CHR5:2815029	SSF x LoA	-4,70154424	-0,172	0,305
CHR5	28154848	CHR5:28154848	SSF x LoA	-8,97041506	-0,012	0,315
CHR5	28154916	CHR5:28154916	SSF x LoA	-9,88190606	0,021	0,303
CHR5	28154951	CHR5:28154951	SSF x LoA	-11,2694883	0,058	0,296
CHR5	28155029	CHR5:28155029	SSF x LoA	-8,13647012	0,070	0,289
CHR5	28155048	CHR5:28155048	SSF x LoA	-8,06471964	0,117	0,302
CHR5	28161594	CHR5:28161594	SSF x LoA	-9,81863136	0,077	0,293
CHR5	28161604	CHR5:28161604	SSF x LoA	-10,7124985	-0,052	0,305
CHR5	28161615	CHR5:28161615	SSF x LoA	-10,7712399	-0,043	0,312
CHR5	28161622	CHR5:28161622	SSF x LoA	1,1093475	0,121	0,305
CHR5	28161740	CHR5:28161740	SSF x LoA	-9,87938493	-0,092	0,311
CHR5	28192592	CHR5:28192592	SSF x LoA	-9,7599798	0,029	0,304
CHR5	28192593	CHR5:28192593	SSF x LoA	-10,686835	0,038	0,315
CHR5	2819896	CHR5:2819896	SSF x LoA	-9,38214989	-0,070	0,299
CHR5	2819921	CHR5:2819921	SSF x LoA	-8,17006228	-0,057	0,305
CHR5	28207152	CHR5:28207152	SSF x LoA	-10,3770607	-0,076	0,305
CHR5	28209121	CHR5:28209121	SSF x LoA	-8,17359722	0,092	0,305
CHR5	28209189	CHR5:28209189	SSF x LoA	1,48444369	-0,150	0,312
CHR5	2821058	CHR5:2821058	SSF x LoA	-8,1601746	-0,086	0,298
CHR5	28211313	CHR5:28211313	SSF x LoA	-10,6036867	0,066	0,313
CHR5	28212487	CHR5:28212487	SSF x LoA	-9,28134962	-0,084	0,305
CHR5	28212512	CHR5:28212512	SSF x LoA	-11,2170452	0,029	0,304
CHR5	28212528	CHR5:28212528	SSF x LoA	-8,99387676	0,013	0,323
CHR5	28216107	CHR5:28216107	SSF x LoA	-8,32479893	0,006	0,320
CHR5	28216320	CHR5:28216320	SSF x LoA	-9,73702551	0,121	0,293
CHR5	28216407	CHR5:28216407	SSF x LoA	-10,2391564	-0,101	0,308
CHR5	28218441	CHR5:28218441	SSF x LoA	-5,68317805	-0,123	0,306
CHR5	28218445	CHR5:28218445	SSF x LoA	-5,51037994	-0,123	0,306
CHR5	28218463	CHR5:28218463	SSF x LoA	-9,30278671	-0,050	0,322
CHR5	28223531	CHR5:28223531	SSF x LoA	-8,29347309	0,016	0,303
CHR5	28223675	CHR5:28223675	SSF x LoA	-8,74003537	0,111	0,289
CHR5	28223691	CHR5:28223691	SSF x LoA	-7,01396948	-0,202	0,303
CHR5	28223712	CHR5:28223712	SSF x LoA	-9,35863748	0,003	0,312
CHR5	28224696	CHR5:28224696	SSF x LoA	-9,62180438	0,044	0,321
CHR5	28224818	CHR5:28224818	SSF x LoA	-9,26309596	-0,023	0,308
CHR5	28227499	CHR5:28227499	SSF x LoA	-10,7707501	-0,014	0,308
CHR5	28227502	CHR5:28227502	SSF x LoA	-10,5085017	-0,038	0,328
CHR5	28227553	CHR5:28227553	SSF x LoA	-0,7797127	0,036	0,313

CHR5	28227572	CHR5:28227572	SSF x LoA	-8,9265251	0,023	0,301
CHR5	28228571	CHR5:28228571	SSF x LoA	-9,85380067	0,034	0,319
CHR5	28228627	CHR5:28228627	SSF x LoA	-10,7125805	0,047	0,306
CHR5	28228768	CHR5:28228768	SSF x LoA	-9,40922457	-0,006	0,294
CHR5	28235884	CHR5:28235884	SSF x LoA	-11,9651253	0,010	0,310
CHR5	28235891	CHR5:28235891	SSF x LoA	-7,819531	-0,078	0,300
CHR5	28235916	CHR5:28235916	SSF x LoA	-9,10623232	0,043	0,302
CHR5	28235925	CHR5:28235925	SSF x LoA	-9,24660276	-0,049	0,292
CHR5	28239828	CHR5:28239828	SSF x LoA	-8,849103	-0,089	0,298
CHR5	28239829	CHR5:28239829	SSF x LoA	-8,91447947	0,032	0,312
CHR5	28239836	CHR5:28239836	SSF x LoA	-10,6186412	-0,053	0,308
CHR5	28240696	CHR5:28240696	SSF x LoA	-10,1727199	0,007	0,299
CHR5	28240725	CHR5:28240725	SSF x LoA	-9,62603686	-0,077	0,294
CHR5	28243254	CHR5:28243254	SSF x LoA	-4,34292465	0,046	0,314
CHR5	2824482	CHR5:2824482	SSF x LoA	-10,1990107	-0,087	0,309
CHR5	2824573	CHR5:2824573	SSF x LoA	-8,09885844	0,157	0,293
CHR5	2824606	CHR5:2824606	SSF x LoA	-9,81783271	-0,072	0,299
CHR5	28246305	CHR5:28246305	SSF x LoA	-4,59631693	0,121	0,306
CHR5	28246351	CHR5:28246351	SSF x LoA	-11,0640921	0,126	0,308
CHR5	28246355	CHR5:28246355	SSF x LoA	-8,60146761	0,145	0,298
CHR5	28257550	CHR5:28257550	SSF x LoA	-8,65030155	0,014	0,297
CHR5	28257553	CHR5:28257553	SSF x LoA	-7,95621822	0,055	0,302
CHR5	28257559	CHR5:28257559	SSF x LoA	-10,472162	-0,002	0,313
CHR5	28257570	CHR5:28257570	SSF x LoA	-9,67913068	0,060	0,311
CHR5	28257652	CHR5:28257652	SSF x LoA	-8,64950792	0,090	0,318
CHR5	28268003	CHR5:28268003	SSF x LoA	-8,27180158	0,050	0,314
CHR5	28268054	CHR5:28268054	SSF x LoA	-11,2146019	-0,066	0,309
CHR5	28268075	CHR5:28268075	SSF x LoA	-8,95282165	0,069	0,300
CHR5	28295363	CHR5:28295363	SSF x LoA	-11,6144315	0,009	0,298
CHR5	28302166	CHR5:28302166	SSF x LoA	-9,33698622	-0,099	0,290
CHR5	28302181	CHR5:28302181	SSF x LoA	-7,31963449	0,001	0,300
CHR5	28302182	CHR5:28302182	SSF x LoA	-8,98166972	-0,138	0,302
CHR5	28302348	CHR5:28302348	SSF x LoA	-10,4175841	-0,019	0,315
CHR5	28302362	CHR5:28302362	SSF x LoA	-11,1145677	0,012	0,315
CHR5	28304549	CHR5:28304549	SSF x LoA	-6,21580695	-0,017	0,303
CHR5	28304550	CHR5:28304550	SSF x LoA	-7,56336297	-0,130	0,301
CHR5	28304586	CHR5:28304586	SSF x LoA	-5,6495169	-0,049	0,305
CHR5	28304613	CHR5:28304613	SSF x LoA	-5,05735781	0,173	0,301
CHR5	28306670	CHR5:28306670	SSF x LoA	-10,5266202	0,095	0,295
CHR5	28306728	CHR5:28306728	SSF x LoA	-9,22346698	0,111	0,300
CHR5	28306900	CHR5:28306900	SSF x LoA	-8,30606115	-0,111	0,295
CHR5	28306905	CHR5:28306905	SSF x LoA	-9,49890327	0,045	0,302
CHR5	28306916	CHR5:28306916	SSF x LoA	1,75361019	-0,137	0,308
CHR5	28306919	CHR5:28306919	SSF x LoA	-7,65322497	-0,119	0,314
CHR5	28306946	CHR5:28306946	SSF x LoA	-7,47370802	-0,034	0,323
CHR5	28310715	CHR5:28310715	SSF x LoA	-11,1625262	-0,013	0,313
CHR5	28316867	CHR5:28316867	SSF x LoA	-9,05717576	-0,085	0,304
CHR5	28316899	CHR5:28316899	SSF x LoA	-10,7764643	0,061	0,298
CHR5	28316921	CHR5:28316921	SSF x LoA	-11,6592108	-0,011	0,304
CHR5	28319773	CHR5:28319773	SSF x LoA	-8,8259978	-0,016	0,310
CHR5	28319821	CHR5:28319821	SSF x LoA	-9,83958461	-0,020	0,297
CHR5	28321510	CHR5:28321510	SSF x LoA	-10,822572	-0,023	0,304
CHR5	28321666	CHR5:28321666	SSF x LoA	-7,19906121	-0,002	0,323

CHR5	28321667	CHR5:28321667	SSF x LoA	-9,34077325	-0,012	0,310
CHR5	28322615	CHR5:28322615	SSF x LoA	-10,9003446	0,011	0,297
CHR5	28325084	CHR5:28325084	SSF x LoA	-11,2781884	0,019	0,300
CHR5	28325090	CHR5:28325090	SSF x LoA	-8,54888807	0,001	0,315
CHR5	28327942	CHR5:28327942	SSF x LoA	-7,4762612	-0,068	0,305
CHR5	28327950	CHR5:28327950	SSF x LoA	-9,34535774	0,126	0,311
CHR5	28327958	CHR5:28327958	SSF x LoA	-10,6086211	0,052	0,312
CHR5	28327967	CHR5:28327967	SSF x LoA	-11,0591001	-0,077	0,298
CHR5	28327977	CHR5:28327977	SSF x LoA	-9,6407749	-0,081	0,304
CHR5	28328015	CHR5:28328015	SSF x LoA	-10,6395373	-0,004	0,316
CHR5	28328077	CHR5:28328077	SSF x LoA	-8,96956995	-0,015	0,304
CHR5	28328109	CHR5:28328109	SSF x LoA	-5,47485844	-0,147	0,296
CHR5	2834437	CHR5:2834437	SSF x LoA	-7,76963007	0,027	0,316
CHR5	28348959	CHR5:28348959	SSF x LoA	-11,297626	-0,155	0,291
CHR5	28349104	CHR5:28349104	SSF x LoA	-10,005465	0,007	0,304
CHR5	28350631	CHR5:28350631	SSF x LoA	-6,71051883	0,055	0,323
CHR5	28350647	CHR5:28350647	SSF x LoA	-10,7169012	0,092	0,292
CHR5	28350726	CHR5:28350726	SSF x LoA	-7,30751911	0,042	0,309
CHR5	28382804	CHR5:28382804	SSF x LoA	-9,50720193	0,088	0,314
CHR5	28382845	CHR5:28382845	SSF x LoA	-10,3887145	-0,007	0,326
CHR5	28387549	CHR5:28387549	SSF x LoA	-9,23128761	0,096	0,305
CHR5	28388386	CHR5:28388386	SSF x LoA	-10,1640495	-0,038	0,316
CHR5	28392578	CHR5:28392578	SSF x LoA	-7,29019747	0,019	0,304
CHR5	28392622	CHR5:28392622	SSF x LoA	-10,328742	0,057	0,301
CHR5	28397854	CHR5:28397854	SSF x LoA	-8,94557631	0,089	0,296
CHR5	28397868	CHR5:28397868	SSF x LoA	-7,36061975	0,064	0,309
CHR5	2839788	CHR5:2839788	SSF x LoA	-9,32292303	-0,156	0,305
CHR5	28398030	CHR5:28398030	SSF x LoA	-11,7102078	0,087	0,314
CHR5	28404563	CHR5:28404563	SSF x LoA	-6,70651354	0,089	0,308
CHR5	28411332	CHR5:28411332	SSF x LoA	-10,3360668	0,003	0,307
CHR5	28411568	CHR5:28411568	SSF x LoA	-9,56550546	0,040	0,315
CHR5	28411580	CHR5:28411580	SSF x LoA	-10,4771106	0,020	0,310
CHR5	28414186	CHR5:28414186	SSF x LoA	-10,9222361	-0,012	0,316
CHR5	28414234	CHR5:28414234	SSF x LoA	-9,78401354	-0,017	0,327
CHR5	28414557	CHR5:28414557	SSF x LoA	-9,20586607	0,054	0,317
CHR5	28414571	CHR5:28414571	SSF x LoA	-5,14622781	-0,027	0,300
CHR5	28414592	CHR5:28414592	SSF x LoA	-7,7309941	0,082	0,312
CHR5	28420297	CHR5:28420297	SSF x LoA	-8,02255513	0,016	0,311
CHR5	28420323	CHR5:28420323	SSF x LoA	-9,9060981	0,066	0,304
CHR5	28420477	CHR5:28420477	SSF x LoA	-7,8287059	-0,009	0,312
CHR5	28420496	CHR5:28420496	SSF x LoA	-11,5780096	-0,076	0,311
CHR5	28420504	CHR5:28420504	SSF x LoA	-9,72888023	-0,115	0,309
CHR5	28420514	CHR5:28420514	SSF x LoA	-10,6982876	-0,110	0,293
CHR5	2842647	CHR5:2842647	SSF x LoA	-6,31454022	-0,141	0,316
CHR5	28432542	CHR5:28432542	SSF x LoA	-9,43834644	-0,063	0,307
CHR5	28432569	CHR5:28432569	SSF x LoA	-8,58789261	-0,050	0,296
CHR5	28432583	CHR5:28432583	SSF x LoA	-8,83337573	0,031	0,307
CHR5	28432623	CHR5:28432623	SSF x LoA	-4,68426215	-0,183	0,292
CHR5	28435000	CHR5:28435000	SSF x LoA	-10,5663028	-0,006	0,311
CHR5	28435125	CHR5:28435125	SSF x LoA	-9,98265	0,049	0,299
CHR5	28435147	CHR5:28435147	SSF x LoA	-10,4318913	0,097	0,296
CHR5	28435178	CHR5:28435178	SSF x LoA	-8,89617763	-0,021	0,302
CHR5	28440908	CHR5:28440908	SSF x LoA	-7,17687847	-0,089	0,301

CHR5	28440964	CHR5:28440964	SSF x LoA	-10,5938914	-0,074	0,297
CHR5	28440968	CHR5:28440968	SSF x LoA	-10,0770721	-0,056	0,313
CHR5	28440994	CHR5:28440994	SSF x LoA	-5,52424031	-0,067	0,316
CHR5	28440998	CHR5:28440998	SSF x LoA	-6,93104796	-0,144	0,310
CHR5	28441019	CHR5:28441019	SSF x LoA	-7,44036926	0,152	0,301
CHR5	28441040	CHR5:28441040	SSF x LoA	-10,6943813	-0,034	0,315
CHR5	28441052	CHR5:28441052	SSF x LoA	-11,1855175	-0,014	0,304
CHR5	28441071	CHR5:28441071	SSF x LoA	11,9391706	-0,209	0,292
CHR5	28441103	CHR5:28441103	SSF x LoA	-4,84908223	0,159	0,291
CHR5	28443633	CHR5:28443633	SSF x LoA	-6,13216135	0,105	0,314
CHR5	28443795	CHR5:28443795	SSF x LoA	-7,74700362	-0,029	0,309
CHR5	28443822	CHR5:28443822	SSF x LoA	-9,81072451	-0,026	0,313
CHR5	28445484	CHR5:28445484	SSF x LoA	-10,3884848	-0,035	0,302
CHR5	28445551	CHR5:28445551	SSF x LoA	-7,69495087	-0,073	0,313
CHR5	28445591	CHR5:28445591	SSF x LoA	-8,22948507	-0,066	0,315
CHR5	28445642	CHR5:28445642	SSF x LoA	-9,1910515	0,020	0,304
CHR5	28445654	CHR5:28445654	SSF x LoA	-9,95250125	0,088	0,306
CHR5	28445723	CHR5:28445723	SSF x LoA	-7,62761204	0,110	0,290
CHR5	28448807	CHR5:28448807	SSF x LoA	-8,77034702	-0,017	0,310
CHR5	28448858	CHR5:28448858	SSF x LoA	-7,81381298	-0,089	0,298
CHR5	28449031	CHR5:28449031	SSF x LoA	-11,6007543	0,071	0,312
CHR5	28449051	CHR5:28449051	SSF x LoA	-7,5840796	-0,107	0,305
CHR5	28450544	CHR5:28450544	SSF x LoA	-10,8984367	-0,005	0,317
CHR5	28450576	CHR5:28450576	SSF x LoA	-8,74466159	-0,057	0,307
CHR5	28453764	CHR5:28453764	SSF x LoA	-5,77845295	-0,122	0,310
CHR5	28453788	CHR5:28453788	SSF x LoA	-7,48642378	0,031	0,314
CHR5	28454141	CHR5:28454141	SSF x LoA	-12,3086451	0,038	0,304
CHR5	28474634	CHR5:28474634	SSF x LoA	-11,8535934	-0,082	0,290
CHR5	28474661	CHR5:28474661	SSF x LoA	-8,92337715	-0,134	0,308
CHR5	28474753	CHR5:28474753	SSF x LoA	-8,28556394	-0,151	0,306
CHR5	28474876	CHR5:28474876	SSF x LoA	-9,25271727	-0,043	0,310
CHR5	28484901	CHR5:28484901	SSF x LoA	-8,61064432	-0,103	0,316
CHR5	28485110	CHR5:28485110	SSF x LoA	-7,73300701	0,182	0,294
CHR5	28485118	CHR5:28485118	SSF x LoA	-8,37624045	0,145	0,317
CHR5	28487744	CHR5:28487744	SSF x LoA	-7,094266	-0,189	0,306
CHR5	28502563	CHR5:28502563	SSF x LoA	-7,42282534	0,009	0,318
CHR5	28509597	CHR5:28509597	SSF x LoA	-9,15629971	-0,010	0,323
CHR5	28509688	CHR5:28509688	SSF x LoA	-9,84182397	0,015	0,302
CHR5	28517706	CHR5:28517706	SSF x LoA	-11,2019141	0,009	0,286
CHR5	28517760	CHR5:28517760	SSF x LoA	-9,15494322	-0,052	0,312
CHR5	28522463	CHR5:28522463	SSF x LoA	-7,90737992	0,036	0,302
CHR5	28522466	CHR5:28522466	SSF x LoA	-7,88694265	-0,039	0,304
CHR5	2852566	CHR5:2852566	SSF x LoA	-9,20918892	-0,051	0,308
CHR5	2852729	CHR5:2852729	SSF x LoA	-8,13069264	-0,062	0,303
CHR5	28529584	CHR5:28529584	SSF x LoA	-8,6564641	0,019	0,308
CHR5	28544031	CHR5:28544031	SSF x LoA	-9,15028904	-0,127	0,306
CHR5	28544032	CHR5:28544032	SSF x LoA	-9,96035435	-0,118	0,294
CHR5	28544151	CHR5:28544151	SSF x LoA	-9,14004382	-0,001	0,307
CHR5	28544179	CHR5:28544179	SSF x LoA	-10,0159482	-0,045	0,307
CHR5	28544180	CHR5:28544180	SSF x LoA	-9,53808485	-0,046	0,311
CHR5	28544197	CHR5:28544197	SSF x LoA	-6,36200965	0,015	0,302
CHR5	28544209	CHR5:28544209	SSF x LoA	-8,37635459	-0,003	0,311
CHR5	28544275	CHR5:28544275	SSF x LoA	-11,1476233	-0,071	0,297

CHR5	28563490	CHR5:28563490	SSF x LoA	-8,06688592	0,028	0,320
CHR5	28563513	CHR5:28563513	SSF x LoA	-11,379192	-0,063	0,291
CHR5	28563545	CHR5:28563545	SSF x LoA	-10,2086044	-0,017	0,305
CHR5	28563549	CHR5:28563549	SSF x LoA	-10,2956577	-0,039	0,298
CHR5	2856596	CHR5:2856596	SSF x LoA	-8,37905393	-0,002	0,313
CHR5	2856663	CHR5:2856663	SSF x LoA	-10,2903926	0,083	0,304
CHR5	28568018	CHR5:28568018	SSF x LoA	-10,648038	0,037	0,314
CHR5	2856806	CHR5:2856806	SSF x LoA	-7,5937316	-0,016	0,302
CHR5	28568153	CHR5:28568153	SSF x LoA	-11,6571076	-0,128	0,311
CHR5	28568202	CHR5:28568202	SSF x LoA	-11,430653	0,053	0,314
CHR5	28600029	CHR5:28600029	SSF x LoA	-8,70486931	-0,054	0,293
CHR5	28600964	CHR5:28600964	SSF x LoA	-9,85183901	-0,079	0,308
CHR5	28601076	CHR5:28601076	SSF x LoA	-7,23891139	0,118	0,305
CHR5	28601078	CHR5:28601078	SSF x LoA	-8,37386233	0,032	0,303
CHR5	28602077	CHR5:28602077	SSF x LoA	-6,71831767	-0,204	0,293
CHR5	28609611	CHR5:28609611	SSF x LoA	-8,04119409	0,090	0,295
CHR5	28609632	CHR5:28609632	SSF x LoA	-8,21871437	-0,001	0,308
CHR5	28609643	CHR5:28609643	SSF x LoA	-5,96623485	0,025	0,312
CHR5	28609686	CHR5:28609686	SSF x LoA	-8,48808994	0,010	0,327
CHR5	28609700	CHR5:28609700	SSF x LoA	-5,4135936	-0,079	0,316
CHR5	28609789	CHR5:28609789	SSF x LoA	-7,25928676	0,109	0,299
CHR5	28609790	CHR5:28609790	SSF x LoA	-7,57093132	-0,045	0,306
CHR5	28609794	CHR5:28609794	SSF x LoA	-10,0496544	-0,059	0,309
CHR5	28609815	CHR5:28609815	SSF x LoA	-5,72399914	0,069	0,322
CHR5	28609919	CHR5:28609919	SSF x LoA	-5,60886292	0,092	0,321
CHR5	28614885	CHR5:28614885	SSF x LoA	-9,62721398	0,009	0,294
CHR5	28621382	CHR5:28621382	SSF x LoA	-11,4043673	-0,013	0,310
CHR5	28621442	CHR5:28621442	SSF x LoA	-7,81064587	0,007	0,306
CHR5	28621451	CHR5:28621451	SSF x LoA	-11,3868105	-0,064	0,305
CHR5	28621463	CHR5:28621463	SSF x LoA	-11,3790878	-0,020	0,314
CHR5	28621487	CHR5:28621487	SSF x LoA	-9,03833204	-0,005	0,295
CHR5	28621492	CHR5:28621492	SSF x LoA	-7,7190191	-0,115	0,302
CHR5	28621548	CHR5:28621548	SSF x LoA	-7,81332915	-0,065	0,306
CHR5	28621559	CHR5:28621559	SSF x LoA	-5,88260026	0,005	0,304
CHR5	28621585	CHR5:28621585	SSF x LoA	-7,91130359	0,101	0,311
CHR5	28621604	CHR5:28621604	SSF x LoA	-8,77525382	-0,015	0,321
CHR5	28621642	CHR5:28621642	SSF x LoA	-8,71854523	0,079	0,299
CHR5	28621644	CHR5:28621644	SSF x LoA	-9,95612631	0,015	0,306
CHR5	28624128	CHR5:28624128	SSF x LoA	-10,9158795	0,020	0,313
CHR5	28624458	CHR5:28624458	SSF x LoA	-9,4688736	0,057	0,311
CHR5	28625545	CHR5:28625545	SSF x LoA	-7,52061124	-0,112	0,307
CHR5	28625604	CHR5:28625604	SSF x LoA	-10,2451825	-0,034	0,315
CHR5	28625611	CHR5:28625611	SSF x LoA	-10,1036354	0,018	0,307
CHR5	28625614	CHR5:28625614	SSF x LoA	-8,9891318	0,005	0,319
CHR5	28625618	CHR5:28625618	SSF x LoA	-7,90867202	0,004	0,311
CHR5	28625725	CHR5:28625725	SSF x LoA	-4,70172402	-0,093	0,304
CHR5	28631788	CHR5:28631788	SSF x LoA	-7,92347184	-0,112	0,293
CHR5	28649497	CHR5:28649497	SSF x LoA	-6,75703141	-0,112	0,313
CHR5	28649538	CHR5:28649538	SSF x LoA	-9,31566821	0,074	0,315
CHR5	28649539	CHR5:28649539	SSF x LoA	-6,66866697	-0,147	0,306
CHR5	28649552	CHR5:28649552	SSF x LoA	-9,79713308	-0,018	0,307
CHR5	28649567	CHR5:28649567	SSF x LoA	-8,66223237	0,077	0,297
CHR5	28649586	CHR5:28649586	SSF x LoA	-8,69837838	0,001	0,306

CHR5	28649696	CHR5:28649696	SSF x LoA	-10,0075106	0,083	0,322
CHR5	28649740	CHR5:28649740	SSF x LoA	-8,25235173	-0,043	0,303
CHR5	28655181	CHR5:28655181	SSF x LoA	-9,64932107	0,014	0,304
CHR5	28655226	CHR5:28655226	SSF x LoA	-8,29355097	0,100	0,317
CHR5	28655258	CHR5:28655258	SSF x LoA	-10,6433361	0,054	0,301
CHR5	28660827	CHR5:28660827	SSF x LoA	-10,8773224	0,070	0,305
CHR5	2866673	CHR5:2866673	SSF x LoA	-8,92942489	0,009	0,308
CHR5	2866832	CHR5:2866832	SSF x LoA	-9,60424843	-0,049	0,310
CHR5	28672416	CHR5:28672416	SSF x LoA	-8,9537655	0,150	0,294
CHR5	28676800	CHR5:28676800	SSF x LoA	-10,2557818	0,005	0,285
CHR5	28680493	CHR5:28680493	SSF x LoA	-10,4221587	-0,048	0,303
CHR5	28680527	CHR5:28680527	SSF x LoA	-10,586467	-0,008	0,315
CHR5	28680555	CHR5:28680555	SSF x LoA	-7,77827223	0,120	0,308
CHR5	28680574	CHR5:28680574	SSF x LoA	-7,87927508	0,025	0,322
CHR5	28680621	CHR5:28680621	SSF x LoA	-8,86650812	0,112	0,304
CHR5	28680637	CHR5:28680637	SSF x LoA	-9,416694	0,026	0,297
CHR5	28680645	CHR5:28680645	SSF x LoA	-9,46443062	-0,014	0,301
CHR5	28680647	CHR5:28680647	SSF x LoA	-8,73533711	0,021	0,315
CHR5	28680699	CHR5:28680699	SSF x LoA	-7,69423873	-0,032	0,306
CHR5	28680734	CHR5:28680734	SSF x LoA	-3,07228475	-0,085	0,308
CHR5	28680739	CHR5:28680739	SSF x LoA	-7,732386	-0,088	0,305
CHR5	28687687	CHR5:28687687	SSF x LoA	-8,32166578	0,126	0,302
CHR5	28687735	CHR5:28687735	SSF x LoA	-6,87951596	0,091	0,306
CHR5	28687771	CHR5:28687771	SSF x LoA	-12,1625166	-0,088	0,301
CHR5	28687797	CHR5:28687797	SSF x LoA	-5,79360838	-0,122	0,307
CHR5	28688001	CHR5:28688001	SSF x LoA	-10,8002406	0,019	0,312
CHR5	28696948	CHR5:28696948	SSF x LoA	-9,91158907	-0,050	0,312
CHR5	28697096	CHR5:28697096	SSF x LoA	-11,4395431	0,017	0,296
CHR5	28699083	CHR5:28699083	SSF x LoA	-10,5370512	-0,066	0,295
CHR5	28704167	CHR5:28704167	SSF x LoA	-8,36976489	0,090	0,320
CHR5	28704299	CHR5:28704299	SSF x LoA	-9,39809725	-0,010	0,306
CHR5	28704348	CHR5:28704348	SSF x LoA	-10,3074652	0,055	0,303
CHR5	28707224	CHR5:28707224	SSF x LoA	-9,48189957	0,061	0,304
CHR5	28707273	CHR5:28707273	SSF x LoA	-11,504182	-0,044	0,304
CHR5	28707319	CHR5:28707319	SSF x LoA	-9,35752049	0,050	0,314
CHR5	28718276	CHR5:28718276	SSF x LoA	-10,4692041	-0,009	0,310
CHR5	28718495	CHR5:28718495	SSF x LoA	-11,7989554	-0,042	0,316
CHR5	28718526	CHR5:28718526	SSF x LoA	-7,77166378	0,085	0,313
CHR5	28722807	CHR5:28722807	SSF x LoA	-4,68024117	-0,181	0,294
CHR5	28722965	CHR5:28722965	SSF x LoA	-12,0780081	0,038	0,294
CHR5	28754596	CHR5:28754596	SSF x LoA	-8,27087188	-0,062	0,311
CHR5	28757996	CHR5:28757996	SSF x LoA	-7,66148848	0,020	0,299
CHR5	28758019	CHR5:28758019	SSF x LoA	-10,0417199	0,046	0,308
CHR5	28758123	CHR5:28758123	SSF x LoA	-10,2624842	-0,090	0,311
CHR5	28761958	CHR5:28761958	SSF x LoA	0,04374573	-0,159	0,306
CHR5	28761966	CHR5:28761966	SSF x LoA	-5,75944182	-0,155	0,309
CHR5	28761987	CHR5:28761987	SSF x LoA	-4,59397401	-0,123	0,314
CHR5	28761988	CHR5:28761988	SSF x LoA	-7,48083086	-0,152	0,301
CHR5	28761989	CHR5:28761989	SSF x LoA	-7,92046474	-0,131	0,309
CHR5	28761990	CHR5:28761990	SSF x LoA	-6,50508243	-0,154	0,301
CHR5	28762016	CHR5:28762016	SSF x LoA	-8,63325028	-0,030	0,302
CHR5	28763969	CHR5:28763969	SSF x LoA	-9,79802704	-0,065	0,306
CHR5	28764007	CHR5:28764007	SSF x LoA	-10,9896457	-0,018	0,296

CHR5	28764029	CHR5:28764029	SSF x LoA	-9,64436953	-0,023	0,314
CHR5	28764047	CHR5:28764047	SSF x LoA	-4,31364236	0,119	0,304
CHR5	28764099	CHR5:28764099	SSF x LoA	-8,19940592	-0,073	0,319
CHR5	28764138	CHR5:28764138	SSF x LoA	-8,37199858	0,084	0,319
CHR5	28764202	CHR5:28764202	SSF x LoA	-11,9307598	0,052	0,317
CHR5	28775825	CHR5:28775825	SSF x LoA	-10,3306226	0,109	0,308
CHR5	2877806	CHR5:2877806	SSF x LoA	-9,27235045	-0,067	0,306
CHR5	28784064	CHR5:28784064	SSF x LoA	-9,19242727	0,061	0,312
CHR5	28784114	CHR5:28784114	SSF x LoA	-10,3244566	-0,075	0,297
CHR5	28785950	CHR5:28785950	SSF x LoA	-9,6413982	0,065	0,300
CHR5	28785997	CHR5:28785997	SSF x LoA	-12,1227529	-0,048	0,305
CHR5	2878941	CHR5:2878941	SSF x LoA	-8,48570367	0,083	0,302
CHR5	28789421	CHR5:28789421	SSF x LoA	-9,47816988	-0,013	0,306
CHR5	28789449	CHR5:28789449	SSF x LoA	-8,13787905	-0,101	0,301
CHR5	28789517	CHR5:28789517	SSF x LoA	-9,59797623	-0,010	0,318
CHR5	28791020	CHR5:28791020	SSF x LoA	-9,67135514	-0,123	0,303
CHR5	28791056	CHR5:28791056	SSF x LoA	2,04379349	-0,094	0,296
CHR5	28791127	CHR5:28791127	SSF x LoA	-11,2733482	0,101	0,295
CHR5	28808229	CHR5:28808229	SSF x LoA	-5,67951022	-0,058	0,321
CHR5	28808267	CHR5:28808267	SSF x LoA	-10,0414666	-0,156	0,309
CHR5	28814545	CHR5:28814545	SSF x LoA	-8,88090031	0,066	0,305
CHR5	28814774	CHR5:28814774	SSF x LoA	-9,0010048	-0,100	0,310
CHR5	28826098	CHR5:28826098	SSF x LoA	-10,7264336	-0,033	0,293
CHR5	28830937	CHR5:28830937	SSF x LoA	-8,73078007	-0,098	0,284
CHR5	28830996	CHR5:28830996	SSF x LoA	-9,89313798	-0,129	0,305
CHR5	28831023	CHR5:28831023	SSF x LoA	-8,61539611	-0,036	0,316
CHR5	28831110	CHR5:28831110	SSF x LoA	-9,41478522	0,019	0,293
CHR5	2883991	CHR5:2883991	SSF x LoA	-6,61502263	-0,145	0,313
CHR5	2884177	CHR5:2884177	SSF x LoA	-6,5510999	-0,016	0,316
CHR5	28846204	CHR5:28846204	SSF x LoA	-8,63711824	-0,034	0,319
CHR5	28846252	CHR5:28846252	SSF x LoA	-7,57186978	0,077	0,325
CHR5	28846259	CHR5:28846259	SSF x LoA	-11,6447771	0,010	0,299
CHR5	28846280	CHR5:28846280	SSF x LoA	-8,35996929	0,075	0,307
CHR5	28857270	CHR5:28857270	SSF x LoA	-7,91040555	-0,052	0,305
CHR5	28857329	CHR5:28857329	SSF x LoA	-10,9296804	-0,076	0,303
CHR5	28857392	CHR5:28857392	SSF x LoA	-8,58574098	0,016	0,312
CHR5	28857394	CHR5:28857394	SSF x LoA	-9,52242183	0,050	0,310
CHR5	28857396	CHR5:28857396	SSF x LoA	-8,55989822	0,001	0,309
CHR5	28857408	CHR5:28857408	SSF x LoA	-10,7910182	-0,024	0,321
CHR5	28857755	CHR5:28857755	SSF x LoA	-10,7636983	0,140	0,300
CHR5	28863464	CHR5:28863464	SSF x LoA	-9,20015293	0,036	0,311
CHR5	28863571	CHR5:28863571	SSF x LoA	-7,31636485	0,035	0,318
CHR5	28863595	CHR5:28863595	SSF x LoA	-8,67572473	0,142	0,299
CHR5	28863685	CHR5:28863685	SSF x LoA	-10,7572212	-0,070	0,317
CHR5	28866013	CHR5:28866013	SSF x LoA	-6,81048703	-0,121	0,304
CHR5	28866136	CHR5:28866136	SSF x LoA	-10,1142197	0,075	0,304
CHR5	28867977	CHR5:28867977	SSF x LoA	-4,42193283	0,174	0,298
CHR5	28868012	CHR5:28868012	SSF x LoA	-10,1961854	0,055	0,293
CHR5	28868015	CHR5:28868015	SSF x LoA	-7,36758603	-0,151	0,306
CHR5	2887051	CHR5:2887051	SSF x LoA	-10,0959953	-0,013	0,311
CHR5	28878273	CHR5:28878273	SSF x LoA	-8,16785797	0,005	0,313
CHR5	28889683	CHR5:28889683	SSF x LoA	-9,51658833	0,138	0,305
CHR5	28889710	CHR5:28889710	SSF x LoA	-8,67080577	-0,085	0,308

CHR5	28889751	CHR5:28889751	SSF x LoA	-9,18922628	0,058	0,277
CHR5	28889758	CHR5:28889758	SSF x LoA	-8,74948094	-0,013	0,304
CHR5	28891174	CHR5:28891174	SSF x LoA	-11,0586397	0,061	0,298
CHR5	28907783	CHR5:28907783	SSF x LoA	-11,3930381	-0,005	0,313
CHR5	28907857	CHR5:28907857	SSF x LoA	-10,4760367	-0,067	0,308
CHR5	28907949	CHR5:28907949	SSF x LoA	-10,1536311	0,087	0,314
CHR5	28907974	CHR5:28907974	SSF x LoA	-6,97873795	0,196	0,302
CHR5	28908009	CHR5:28908009	SSF x LoA	-10,3882624	-0,056	0,299
CHR5	28912906	CHR5:28912906	SSF x LoA	-9,27906944	0,153	0,296
CHR5	28912911	CHR5:28912911	SSF x LoA	-8,91218598	0,147	0,303
CHR5	28912969	CHR5:28912969	SSF x LoA	-10,8226132	0,044	0,312
CHR5	28913122	CHR5:28913122	SSF x LoA	-7,24296145	-0,055	0,320
CHR5	28915430	CHR5:28915430	SSF x LoA	-5,85206087	0,111	0,299
CHR5	28915456	CHR5:28915456	SSF x LoA	-10,0988232	-0,105	0,315
CHR5	28915608	CHR5:28915608	SSF x LoA	-11,5239027	-0,081	0,300
CHR5	28919585	CHR5:28919585	SSF x LoA	-10,4370209	-0,043	0,306
CHR5	28919659	CHR5:28919659	SSF x LoA	-10,0652501	-0,061	0,303
CHR5	28919666	CHR5:28919666	SSF x LoA	-8,56709281	-0,049	0,316
CHR5	28922015	CHR5:28922015	SSF x LoA	-8,14868638	-0,143	0,302
CHR5	28931423	CHR5:28931423	SSF x LoA	-5,88014537	-0,193	0,289
CHR5	28931469	CHR5:28931469	SSF x LoA	-7,43326038	-0,032	0,308
CHR5	28943643	CHR5:28943643	SSF x LoA	-8,98860504	0,039	0,307
CHR5	28943656	CHR5:28943656	SSF x LoA	-10,808397	-0,041	0,305
CHR5	28949073	CHR5:28949073	SSF x LoA	-10,946787	-0,082	0,303
CHR5	28949075	CHR5:28949075	SSF x LoA	-8,22789842	-0,105	0,310
CHR5	28949097	CHR5:28949097	SSF x LoA	-9,19762792	-0,061	0,300
CHR5	28949144	CHR5:28949144	SSF x LoA	-9,08694622	0,031	0,305
CHR5	28949158	CHR5:28949158	SSF x LoA	-12,3271185	0,030	0,297
CHR5	28949177	CHR5:28949177	SSF x LoA	-8,27711491	-0,057	0,303
CHR5	28949195	CHR5:28949195	SSF x LoA	-7,31210824	-0,071	0,315
CHR5	28949212	CHR5:28949212	SSF x LoA	-9,37927287	-0,050	0,311
CHR5	28949248	CHR5:28949248	SSF x LoA	-3,31510188	-0,093	0,315
CHR5	28953325	CHR5:28953325	SSF x LoA	-9,37727651	-0,020	0,309
CHR5	28958027	CHR5:28958027	SSF x LoA	-9,78000842	0,122	0,303
CHR5	28958040	CHR5:28958040	SSF x LoA	-11,8109133	-0,017	0,300
CHR5	28958070	CHR5:28958070	SSF x LoA	-9,91478297	-0,011	0,293
CHR5	28958100	CHR5:28958100	SSF x LoA	-9,89093268	0,007	0,304
CHR5	28969815	CHR5:28969815	SSF x LoA	-6,99861708	-0,154	0,289
CHR5	28980417	CHR5:28980417	SSF x LoA	-7,23229364	-0,158	0,296
CHR5	28980479	CHR5:28980479	SSF x LoA	2,43329075	0,141	0,296
CHR5	28980488	CHR5:28980488	SSF x LoA	-11,3963667	-0,048	0,310
CHR5	28980664	CHR5:28980664	SSF x LoA	-3,31359857	-0,032	0,317
CHR5	28999834	CHR5:28999834	SSF x LoA	-11,6477951	0,025	0,305
CHR5	28999926	CHR5:28999926	SSF x LoA	-8,45020639	0,107	0,304
CHR5	28999994	CHR5:28999994	SSF x LoA	-10,3309982	0,067	0,290
CHR5	29000024	CHR5:29000024	SSF x LoA	-7,67233519	0,065	0,298
CHR5	29007769	CHR5:29007769	SSF x LoA	-10,1451718	-0,069	0,323
CHR5	29007803	CHR5:29007803	SSF x LoA	-10,1335318	0,066	0,306
CHR5	29007873	CHR5:29007873	SSF x LoA	-8,91677692	-0,104	0,300
CHR5	29024540	CHR5:29024540	SSF x LoA	-10,4128038	-0,093	0,309
CHR5	29024578	CHR5:29024578	SSF x LoA	-11,3985436	-0,024	0,304
CHR5	29024589	CHR5:29024589	SSF x LoA	-5,11300665	0,056	0,298
CHR5	29024604	CHR5:29024604	SSF x LoA	-11,3433022	0,078	0,310

CHR5	29025311	CHR5:29025311	SSF x LoA	-9,1587138	-0,021	0,289
CHR5	29035830	CHR5:29035830	SSF x LoA	-4,66907244	-0,187	0,305
CHR5	29035839	CHR5:29035839	SSF x LoA	-10,7928932	-0,064	0,308
CHR5	29035862	CHR5:29035862	SSF x LoA	-10,4947973	-0,005	0,319
CHR5	29035864	CHR5:29035864	SSF x LoA	-9,62966705	-0,143	0,310
CHR5	29035865	CHR5:29035865	SSF x LoA	-9,70188108	-0,141	0,292
CHR5	29035876	CHR5:29035876	SSF x LoA	-9,82804119	0,005	0,300
CHR5	29035934	CHR5:29035934	SSF x LoA	-1,2191797	-0,202	0,305
CHR5	29037341	CHR5:29037341	SSF x LoA	-6,71445648	-0,121	0,300
CHR5	29037365	CHR5:29037365	SSF x LoA	-10,4656936	-0,054	0,318
CHR5	2904487	CHR5:2904487	SSF x LoA	-8,46921995	-0,104	0,296
CHR5	29057324	CHR5:29057324	SSF x LoA	-8,72018808	-0,002	0,316
CHR5	29057348	CHR5:29057348	SSF x LoA	-9,52155156	0,050	0,310
CHR5	29066424	CHR5:29066424	SSF x LoA	-10,6859922	0,016	0,294
CHR5	29066434	CHR5:29066434	SSF x LoA	-6,72734552	0,170	0,301
CHR5	29066435	CHR5:29066435	SSF x LoA	-5,30046267	0,029	0,298
CHR5	29066438	CHR5:29066438	SSF x LoA	-7,71158368	0,122	0,309
CHR5	29077586	CHR5:29077586	SSF x LoA	-9,00513427	0,046	0,313
CHR5	29077673	CHR5:29077673	SSF x LoA	3,14638133	-0,130	0,302
CHR5	29077778	CHR5:29077778	SSF x LoA	-6,94836746	0,004	0,306
CHR5	29088867	CHR5:29088867	SSF x LoA	-9,76515344	0,030	0,298
CHR5	29088891	CHR5:29088891	SSF x LoA	-10,3966905	0,033	0,302
CHR5	29088922	CHR5:29088922	SSF x LoA	-8,58718171	-0,070	0,302
CHR5	29088949	CHR5:29088949	SSF x LoA	-5,56040798	-0,141	0,297
CHR5	29089934	CHR5:29089934	SSF x LoA	-11,7820432	-0,060	0,300
CHR5	29090014	CHR5:29090014	SSF x LoA	-9,41259826	-0,003	0,306
CHR5	29091013	CHR5:29091013	SSF x LoA	-6,68266292	-0,039	0,317
CHR5	29091053	CHR5:29091053	SSF x LoA	-9,44744111	0,052	0,309
CHR5	29091096	CHR5:29091096	SSF x LoA	-7,86918449	0,138	0,300
CHR5	29091210	CHR5:29091210	SSF x LoA	-9,64903345	-0,017	0,312
CHR5	29095063	CHR5:29095063	SSF x LoA	-8,94586824	-0,015	0,314
CHR5	29100729	CHR5:29100729	SSF x LoA	-9,1867333	-0,055	0,289
CHR5	29100746	CHR5:29100746	SSF x LoA	-11,5273674	0,053	0,311
CHR5	29100819	CHR5:29100819	SSF x LoA	-8,97475365	-0,074	0,303
CHR5	29100820	CHR5:29100820	SSF x LoA	-10,1182557	0,009	0,310
CHR5	29100848	CHR5:29100848	SSF x LoA	-8,63867381	-0,086	0,305
CHR5	29100917	CHR5:29100917	SSF x LoA	-9,41946399	0,034	0,309
CHR5	29100945	CHR5:29100945	SSF x LoA	-10,6283403	0,087	0,311
CHR5	29103227	CHR5:29103227	SSF x LoA	-8,70771494	-0,053	0,304
CHR5	29110461	CHR5:29110461	SSF x LoA	-8,50940702	-0,013	0,320
CHR5	29110703	CHR5:29110703	SSF x LoA	-9,15477864	-0,088	0,309
CHR5	29115575	CHR5:29115575	SSF x LoA	-9,71584797	-0,017	0,319
CHR5	29115603	CHR5:29115603	SSF x LoA	-10,304375	-0,024	0,292
CHR5	29120314	CHR5:29120314	SSF x LoA	-10,3434244	-0,067	0,304
CHR5	29120459	CHR5:29120459	SSF x LoA	-9,62778107	-0,058	0,307
CHR5	29120508	CHR5:29120508	SSF x LoA	-7,81819662	-0,020	0,312
CHR5	29126328	CHR5:29126328	SSF x LoA	-5,84681596	-0,155	0,297
CHR5	29126361	CHR5:29126361	SSF x LoA	-8,48954312	-0,122	0,310
CHR5	29126365	CHR5:29126365	SSF x LoA	-9,49288472	0,077	0,307
CHR5	29126373	CHR5:29126373	SSF x LoA	-9,43308226	0,120	0,294
CHR5	29126468	CHR5:29126468	SSF x LoA	-9,27600901	-0,027	0,320
CHR5	29132233	CHR5:29132233	SSF x LoA	-7,6088593	-0,032	0,289
CHR5	29132255	CHR5:29132255	SSF x LoA	-10,1551362	-0,006	0,301

CHR5	29132451	CHR5:29132451	SSF x LoA	-3,06292046	0,165	0,297
CHR5	29132479	CHR5:29132479	SSF x LoA	-7,75845407	-0,151	0,304
CHR5	29146926	CHR5:29146926	SSF x LoA	-10,5266819	0,123	0,307
CHR5	29147128	CHR5:29147128	SSF x LoA	-7,99124191	-0,018	0,321
CHR5	29147170	CHR5:29147170	SSF x LoA	-10,8652019	0,057	0,298
CHR5	29147191	CHR5:29147191	SSF x LoA	-8,08248372	-0,050	0,308
CHR5	29156955	CHR5:29156955	SSF x LoA	-8,99714899	0,038	0,306
CHR5	29166933	CHR5:29166933	SSF x LoA	-5,62070756	0,080	0,310
CHR5	29167047	CHR5:29167047	SSF x LoA	-10,6891873	0,031	0,287
CHR5	29167120	CHR5:29167120	SSF x LoA	-11,6925226	0,005	0,311
CHR5	29172921	CHR5:29172921	SSF x LoA	-6,41218024	0,049	0,312
CHR5	29177102	CHR5:29177102	SSF x LoA	-9,7187822	0,079	0,308
CHR5	29177125	CHR5:29177125	SSF x LoA	-9,87982675	0,131	0,303
CHR5	29177140	CHR5:29177140	SSF x LoA	-8,91535272	0,005	0,324
CHR5	29177150	CHR5:29177150	SSF x LoA	-10,0146106	-0,001	0,311
CHR5	29177202	CHR5:29177202	SSF x LoA	-8,94995667	-0,014	0,301
CHR5	29177214	CHR5:29177214	SSF x LoA	-11,6149382	0,010	0,314
CHR5	29177226	CHR5:29177226	SSF x LoA	-9,33740851	-0,010	0,299
CHR5	29177229	CHR5:29177229	SSF x LoA	-8,2279637	0,152	0,294
CHR5	29177246	CHR5:29177246	SSF x LoA	-8,04654879	0,102	0,304
CHR5	29177293	CHR5:29177293	SSF x LoA	-2,61395966	-0,119	0,303
CHR5	29177309	CHR5:29177309	SSF x LoA	-5,69779177	0,033	0,329
CHR5	29186187	CHR5:29186187	SSF x LoA	-11,001864	0,059	0,312
CHR5	29186195	CHR5:29186195	SSF x LoA	-10,4254571	0,053	0,300
CHR5	29186297	CHR5:29186297	SSF x LoA	-9,54236776	-0,102	0,308
CHR5	29186328	CHR5:29186328	SSF x LoA	-7,57961034	0,115	0,310
CHR5	29186347	CHR5:29186347	SSF x LoA	-6,95381824	0,061	0,302
CHR5	29186389	CHR5:29186389	SSF x LoA	-3,59853406	-0,240	0,286
CHR5	29206758	CHR5:29206758	SSF x LoA	-8,4247912	0,052	0,321
CHR5	29206785	CHR5:29206785	SSF x LoA	0,13916997	-0,012	0,308
CHR5	29206880	CHR5:29206880	SSF x LoA	-10,0296198	-0,014	0,326
CHR5	29211841	CHR5:29211841	SSF x LoA	-9,8339444	0,006	0,315
CHR5	29211957	CHR5:29211957	SSF x LoA	-6,73672084	0,165	0,308
CHR5	29215363	CHR5:29215363	SSF x LoA	-11,7759543	-0,003	0,295
CHR5	29215529	CHR5:29215529	SSF x LoA	-10,1270555	0,016	0,297
CHR5	29215560	CHR5:29215560	SSF x LoA	-7,86994138	0,127	0,302
CHR5	29220754	CHR5:29220754	SSF x LoA	-10,332312	0,074	0,313
CHR5	29220802	CHR5:29220802	SSF x LoA	-8,20320756	-0,069	0,309
CHR5	29221072	CHR5:29221072	SSF x LoA	-11,2410164	0,094	0,303
CHR5	29223587	CHR5:29223587	SSF x LoA	-10,1349497	-0,113	0,309
CHR5	29223589	CHR5:29223589	SSF x LoA	-8,49340103	0,139	0,299
CHR5	29229375	CHR5:29229375	SSF x LoA	-7,44870896	0,081	0,316
CHR5	29242598	CHR5:29242598	SSF x LoA	-9,08709657	0,064	0,302
CHR5	29247435	CHR5:29247435	SSF x LoA	-9,98753864	0,068	0,318
CHR5	29247477	CHR5:29247477	SSF x LoA	-2,03272879	-0,101	0,311
CHR5	29247531	CHR5:29247531	SSF x LoA	-10,49733	-0,072	0,310
CHR5	29247553	CHR5:29247553	SSF x LoA	-9,35398019	0,095	0,311
CHR5	29247565	CHR5:29247565	SSF x LoA	-6,3722774	-0,010	0,302
CHR5	29249476	CHR5:29249476	SSF x LoA	-8,59316667	0,107	0,291
CHR5	29253682	CHR5:29253682	SSF x LoA	-9,10829833	-0,047	0,299
CHR5	29253802	CHR5:29253802	SSF x LoA	-4,17187356	0,130	0,295
CHR5	29253818	CHR5:29253818	SSF x LoA	-10,2368781	-0,032	0,297
CHR5	29253834	CHR5:29253834	SSF x LoA	-8,58167603	-0,052	0,294

CHR5	29264604	CHR5:29264604	SSF x LoA	-8,58650578	-0,068	0,317
CHR5	29264683	CHR5:29264683	SSF x LoA	-9,15824453	-0,089	0,322
CHR5	29269346	CHR5:29269346	SSF x LoA	-3,85715414	0,028	0,314
CHR5	29276355	CHR5:29276355	SSF x LoA	-11,8787993	0,047	0,302
CHR5	29276486	CHR5:29276486	SSF x LoA	-9,56325588	0,075	0,300
CHR5	29290967	CHR5:29290967	SSF x LoA	-10,9647343	-0,097	0,310
CHR5	29290969	CHR5:29290969	SSF x LoA	-6,32554202	-0,146	0,296
CHR5	29291016	CHR5:29291016	SSF x LoA	-6,82941782	0,065	0,311
CHR5	29291051	CHR5:29291051	SSF x LoA	-10,0129145	-0,109	0,293
CHR5	29307058	CHR5:29307058	SSF x LoA	-8,37086002	-0,182	0,293
CHR5	29307169	CHR5:29307169	SSF x LoA	-10,0790955	0,103	0,311
CHR5	29309063	CHR5:29309063	SSF x LoA	-10,5552514	-0,073	0,306
CHR5	29309080	CHR5:29309080	SSF x LoA	-10,5120323	-0,059	0,314
CHR5	29309095	CHR5:29309095	SSF x LoA	-7,24472384	-0,148	0,316
CHR5	29311452	CHR5:29311452	SSF x LoA	-6,42122919	0,019	0,301
CHR5	29311463	CHR5:29311463	SSF x LoA	-8,92066125	-0,012	0,295
CHR5	29312152	CHR5:29312152	SSF x LoA	-10,6725926	-0,132	0,304
CHR5	29323568	CHR5:29323568	SSF x LoA	-8,2682999	0,044	0,305
CHR5	29323589	CHR5:29323589	SSF x LoA	-10,7234763	0,018	0,296
CHR5	29323594	CHR5:29323594	SSF x LoA	-9,746915	0,013	0,315
CHR5	29323655	CHR5:29323655	SSF x LoA	-6,03425941	0,223	0,276
CHR5	29323664	CHR5:29323664	SSF x LoA	-8,42318504	0,089	0,299
CHR5	29323774	CHR5:29323774	SSF x LoA	-10,998809	-0,054	0,305
CHR5	29331886	CHR5:29331886	SSF x LoA	-8,58003698	-0,008	0,303
CHR5	29331916	CHR5:29331916	SSF x LoA	-9,96537833	0,017	0,301
CHR5	29332602	CHR5:29332602	SSF x LoA	-11,6998537	-0,022	0,304
CHR5	29332642	CHR5:29332642	SSF x LoA	-10,6326792	0,044	0,316
CHR5	29349531	CHR5:29349531	SSF x LoA	-5,71540682	-0,077	0,317
CHR5	29349894	CHR5:29349894	SSF x LoA	-9,02223234	0,117	0,311
CHR5	29382833	CHR5:29382833	SSF x LoA	-11,4129672	0,040	0,303
CHR5	29382927	CHR5:29382927	SSF x LoA	-5,88124111	0,045	0,313
CHR5	29382991	CHR5:29382991	SSF x LoA	-8,49488474	0,067	0,316
CHR5	29383008	CHR5:29383008	SSF x LoA	-7,96094548	0,013	0,316
CHR5	29385657	CHR5:29385657	SSF x LoA	-10,2923663	-0,042	0,300
CHR5	29390381	CHR5:29390381	SSF x LoA	-10,1545759	0,124	0,304
CHR5	29390640	CHR5:29390640	SSF x LoA	-6,37426161	0,162	0,302
CHR5	29393899	CHR5:29393899	SSF x LoA	-7,63669402	0,063	0,299
CHR5	29398753	CHR5:29398753	SSF x LoA	-3,96444347	-0,094	0,304
CHR5	29398909	CHR5:29398909	SSF x LoA	-10,536131	-0,012	0,312
CHR5	29398980	CHR5:29398980	SSF x LoA	-7,96601379	-0,136	0,303
CHR5	29399016	CHR5:29399016	SSF x LoA	-10,1874132	-0,087	0,301
CHR5	29401890	CHR5:29401890	SSF x LoA	-6,73811885	-0,133	0,310
CHR5	29401904	CHR5:29401904	SSF x LoA	-10,2971708	0,032	0,317
CHR5	29407649	CHR5:29407649	SSF x LoA	-9,1260364	0,051	0,306
CHR5	29407683	CHR5:29407683	SSF x LoA	-9,48308726	-0,041	0,312
CHR5	29407721	CHR5:29407721	SSF x LoA	-4,05666508	0,229	0,298
CHR5	29407735	CHR5:29407735	SSF x LoA	-8,43630082	-0,130	0,298
CHR5	29407743	CHR5:29407743	SSF x LoA	-8,62474126	-0,089	0,316
CHR5	29407766	CHR5:29407766	SSF x LoA	-11,3737351	0,024	0,293
CHR5	29407796	CHR5:29407796	SSF x LoA	-9,22085108	-0,129	0,299
CHR5	29407813	CHR5:29407813	SSF x LoA	-4,61722269	0,261	0,301
CHR5	29407821	CHR5:29407821	SSF x LoA	-7,27549049	-0,190	0,286
CHR5	29407825	CHR5:29407825	SSF x LoA	-4,76947761	0,196	0,307

CHR5	29407831	CHR5:29407831	SSF x LoA	-5,72081061	0,166	0,298
CHR5	29421159	CHR5:29421159	SSF x LoA	-9,40518609	0,005	0,319
CHR5	29426654	CHR5:29426654	SSF x LoA	-7,86612192	0,071	0,308
CHR5	2942874	CHR5:2942874	SSF x LoA	-8,98563125	0,099	0,286
CHR5	2942875	CHR5:2942875	SSF x LoA	-7,72892396	0,024	0,286
CHR5	2942904	CHR5:2942904	SSF x LoA	-8,99661079	0,037	0,310
CHR5	29431291	CHR5:29431291	SSF x LoA	-11,5862487	-0,039	0,317
CHR5	29431381	CHR5:29431381	SSF x LoA	-8,90272674	-0,002	0,314
CHR5	29431415	CHR5:29431415	SSF x LoA	-9,34114581	0,068	0,301
CHR5	29431904	CHR5:29431904	SSF x LoA	-9,17708714	0,019	0,279
CHR5	29431917	CHR5:29431917	SSF x LoA	-10,7231216	-0,019	0,311
CHR5	29435098	CHR5:29435098	SSF x LoA	-6,33310829	0,043	0,315
CHR5	29435133	CHR5:29435133	SSF x LoA	-9,41373123	-0,044	0,322
CHR5	29435143	CHR5:29435143	SSF x LoA	-9,04127552	-0,021	0,306
CHR5	29435189	CHR5:29435189	SSF x LoA	-3,6738748	0,156	0,311
CHR5	29452769	CHR5:29452769	SSF x LoA	-6,5808718	0,176	0,288
CHR5	29452787	CHR5:29452787	SSF x LoA	-8,50923677	-0,021	0,302
CHR5	29452818	CHR5:29452818	SSF x LoA	-11,5713624	-0,034	0,308
CHR5	29452840	CHR5:29452840	SSF x LoA	-9,69896676	0,048	0,288
CHR5	29459226	CHR5:29459226	SSF x LoA	-9,34721941	0,008	0,324
CHR5	29459437	CHR5:29459437	SSF x LoA	-6,74783228	-0,033	0,311
CHR5	29465489	CHR5:29465489	SSF x LoA	-6,11466214	-0,130	0,301
CHR5	29466828	CHR5:29466828	SSF x LoA	-10,155194	0,079	0,315
CHR5	2946792	CHR5:2946792	SSF x LoA	-10,2249017	0,045	0,337
CHR5	2946879	CHR5:2946879	SSF x LoA	-9,69567619	-0,002	0,312
CHR5	2946914	CHR5:2946914	SSF x LoA	-10,2611136	-0,065	0,318
CHR5	29470078	CHR5:29470078	SSF x LoA	-10,9423286	0,025	0,308
CHR5	29488552	CHR5:29488552	SSF x LoA	-6,38621631	-0,117	0,306
CHR5	29488557	CHR5:29488557	SSF x LoA	-8,51674514	0,099	0,308
CHR5	29488574	CHR5:29488574	SSF x LoA	-9,5726353	0,014	0,317
CHR5	29488656	CHR5:29488656	SSF x LoA	-10,0634635	-0,080	0,312
CHR5	29488866	CHR5:29488866	SSF x LoA	-10,5281294	0,039	0,305
CHR5	29493925	CHR5:29493925	SSF x LoA	-11,0187067	0,053	0,298
CHR5	29493949	CHR5:29493949	SSF x LoA	-6,28937891	0,147	0,308
CHR5	29493954	CHR5:29493954	SSF x LoA	-3,54536992	-0,046	0,312
CHR5	29493973	CHR5:29493973	SSF x LoA	-8,06569049	-0,169	0,291
CHR5	29495133	CHR5:29495133	SSF x LoA	-9,76183884	0,018	0,285
CHR5	29495198	CHR5:29495198	SSF x LoA	-8,8596218	-0,077	0,306
CHR5	29495219	CHR5:29495219	SSF x LoA	-10,5963059	-0,050	0,300
CHR5	2950683	CHR5:2950683	SSF x LoA	-9,01660486	-0,023	0,294
CHR5	2950709	CHR5:2950709	SSF x LoA	-8,50168939	0,062	0,293
CHR5	2950718	CHR5:2950718	SSF x LoA	-5,91787497	-0,104	0,308
CHR5	2950913	CHR5:2950913	SSF x LoA	-9,70862081	-0,079	0,305
CHR5	2953154	CHR5:2953154	SSF x LoA	-9,31803642	0,035	0,310
CHR5	2953416	CHR5:2953416	SSF x LoA	-7,83278883	0,062	0,314
CHR5	3E+07	CHR5:29535550	SSF x LoA	-9,35108916	-0,060	0,310
CHR5	3E+07	CHR5:29535598	SSF x LoA	-10,1837947	-0,083	0,312
CHR5	3E+07	CHR5:29553310	SSF x LoA	-7,91222425	0,039	0,313
CHR5	3E+07	CHR5:29553317	SSF x LoA	-8,86171447	0,051	0,303
CHR5	3E+07	CHR5:29553325	SSF x LoA	-9,40578769	0,066	0,294
CHR5	3E+07	CHR5:29553343	SSF x LoA	-9,53622816	0,047	0,319
CHR5	3E+07	CHR5:29553348	SSF x LoA	-9,25559173	0,015	0,310
CHR5	3E+07	CHR5:29557408	SSF x LoA	-10,4644906	0,072	0,318

CHR5	3E+07	CHR5:29557478	SSF x LoA	-8,26708693	0,166	0,304
CHR5	2955916	CHR5:2955916	SSF x LoA	-6,37533374	0,131	0,309
CHR5	2955960	CHR5:2955960	SSF x LoA	-9,4846246	0,004	0,324
CHR5	3E+07	CHR5:29571619	SSF x LoA	-9,11579158	0,169	0,297
CHR5	3E+07	CHR5:29571669	SSF x LoA	-10,3882522	0,007	0,312
CHR5	3E+07	CHR5:29571682	SSF x LoA	-7,27404291	-0,098	0,323
CHR5	3E+07	CHR5:29573661	SSF x LoA	-9,00889853	-0,029	0,301
CHR5	3E+07	CHR5:29573742	SSF x LoA	-11,0958814	-0,043	0,315
CHR5	3E+07	CHR5:29573744	SSF x LoA	-11,0447638	-0,079	0,314
CHR5	3E+07	CHR5:29573757	SSF x LoA	-9,77806003	0,067	0,317
CHR5	3E+07	CHR5:29573797	SSF x LoA	-9,33165656	0,005	0,287
CHR5	3E+07	CHR5:29573801	SSF x LoA	-7,22939111	0,157	0,303
CHR5	3E+07	CHR5:29573804	SSF x LoA	-9,68904209	-0,044	0,315
CHR5	3E+07	CHR5:29573816	SSF x LoA	-8,56735721	-0,029	0,312
CHR5	3E+07	CHR5:29573829	SSF x LoA	-11,5486644	0,038	0,308
CHR5	2959305	CHR5:2959305	SSF x LoA	-10,1925859	-0,080	0,310
CHR5	2959410	CHR5:2959410	SSF x LoA	-9,0331191	0,150	0,299
CHR5	3E+07	CHR5:29594445	SSF x LoA	-10,0313949	0,029	0,314
CHR5	3E+07	CHR5:29594473	SSF x LoA	-9,04643369	0,007	0,298
CHR5	3E+07	CHR5:29602369	SSF x LoA	-9,86729586	0,062	0,321
CHR5	3E+07	CHR5:29603198	SSF x LoA	-6,75295287	0,051	0,306
CHR5	3E+07	CHR5:29603265	SSF x LoA	-5,65509523	0,177	0,292
CHR5	2960403	CHR5:2960403	SSF x LoA	-11,6342185	0,056	0,309
CHR5	3E+07	CHR5:29604052	SSF x LoA	-11,0104356	-0,023	0,310
CHR5	3E+07	CHR5:29604505	SSF x LoA	-8,83261426	-0,001	0,307
CHR5	3E+07	CHR5:29604513	SSF x LoA	-8,41826241	0,034	0,294
CHR5	3E+07	CHR5:29606321	SSF x LoA	-9,73714182	0,045	0,314
CHR5	3E+07	CHR5:29606336	SSF x LoA	-9,84632906	0,097	0,316
CHR5	3E+07	CHR5:29606372	SSF x LoA	-10,719001	-0,105	0,307
CHR5	3E+07	CHR5:29606395	SSF x LoA	-10,551647	-0,046	0,301
CHR5	2960832	CHR5:2960832	SSF x LoA	-9,18968522	0,096	0,314
CHR5	3E+07	CHR5:29615111	SSF x LoA	-9,95004886	0,001	0,315
CHR5	3E+07	CHR5:29615146	SSF x LoA	-10,024115	0,054	0,301
CHR5	3E+07	CHR5:29615227	SSF x LoA	-9,0422218	0,016	0,311
CHR5	3E+07	CHR5:29615418	SSF x LoA	-8,08883796	0,107	0,304
CHR5	3E+07	CHR5:29619915	SSF x LoA	-9,70717249	0,074	0,310
CHR5	3E+07	CHR5:29619946	SSF x LoA	-8,7767036	0,103	0,292
CHR5	3E+07	CHR5:29619954	SSF x LoA	-9,34623695	-0,038	0,311
CHR5	3E+07	CHR5:29619965	SSF x LoA	-7,14641107	-0,083	0,311
CHR5	3E+07	CHR5:29619967	SSF x LoA	-7,17566752	-0,149	0,301
CHR5	3E+07	CHR5:29619988	SSF x LoA	-7,3506829	-0,137	0,303
CHR5	3E+07	CHR5:29620000	SSF x LoA	-10,431691	0,075	0,304
CHR5	3E+07	CHR5:29620012	SSF x LoA	-9,66046278	0,090	0,307
CHR5	3E+07	CHR5:29620026	SSF x LoA	-9,27047726	-0,030	0,307
CHR5	3E+07	CHR5:29620091	SSF x LoA	-9,76199591	-0,111	0,303
CHR5	3E+07	CHR5:29620115	SSF x LoA	-10,1160502	-0,087	0,296
CHR5	3E+07	CHR5:29620123	SSF x LoA	-8,61597705	-0,001	0,309
CHR5	2962281	CHR5:2962281	SSF x LoA	-8,51831361	-0,089	0,302
CHR5	2962334	CHR5:2962334	SSF x LoA	-8,20751237	0,010	0,300
CHR5	2962335	CHR5:2962335	SSF x LoA	-11,1071539	-0,032	0,322
CHR5	3E+07	CHR5:29626039	SSF x LoA	-10,5093442	-0,030	0,314
CHR5	3E+07	CHR5:29626119	SSF x LoA	-9,22668569	0,116	0,302
CHR5	3E+07	CHR5:29638479	SSF x LoA	-9,11124058	0,021	0,301

CHR5	3E+07	CHR5:29638742	SSF x LoA	-6,85245374	0,031	0,292
CHR5	3E+07	CHR5:29646485	SSF x LoA	-9,18905329	-0,005	0,309
CHR5	3E+07	CHR5:29646541	SSF x LoA	-9,94007893	0,030	0,309
CHR5	3E+07	CHR5:29646633	SSF x LoA	-9,16798906	0,117	0,300
CHR5	3E+07	CHR5:29646651	SSF x LoA	-10,251693	0,134	0,294
CHR5	3E+07	CHR5:29650699	SSF x LoA	-10,2107549	-0,042	0,305
CHR5	3E+07	CHR5:29658911	SSF x LoA	-11,4696837	0,084	0,309
CHR5	3E+07	CHR5:29659416	SSF x LoA	-10,4222045	0,068	0,295
CHR5	3E+07	CHR5:29672286	SSF x LoA	-10,5799205	-0,028	0,308
CHR5	3E+07	CHR5:29672303	SSF x LoA	-11,0078725	-0,054	0,300
CHR5	3E+07	CHR5:29672353	SSF x LoA	-8,89815187	0,020	0,312
CHR5	3E+07	CHR5:29678021	SSF x LoA	-10,0987131	-0,068	0,311
CHR5	3E+07	CHR5:29678152	SSF x LoA	-8,4658226	0,109	0,289
CHR5	2968125	CHR5:2968125	SSF x LoA	-7,63640554	0,151	0,289
CHR5	2968158	CHR5:2968158	SSF x LoA	-10,4848854	0,060	0,305
CHR5	2968165	CHR5:2968165	SSF x LoA	-9,30999215	-0,057	0,309
CHR5	3E+07	CHR5:29686281	SSF x LoA	-9,25264558	-0,030	0,319
CHR5	3E+07	CHR5:29686297	SSF x LoA	-9,94506934	0,122	0,320
CHR5	3E+07	CHR5:29686327	SSF x LoA	-9,75184687	-0,020	0,298
CHR5	3E+07	CHR5:29686352	SSF x LoA	-8,01413436	0,208	0,288
CHR5	3E+07	CHR5:29686378	SSF x LoA	-8,9325198	-0,041	0,310
CHR5	3E+07	CHR5:29686408	SSF x LoA	-9,70468877	-0,071	0,289
CHR5	3E+07	CHR5:29686481	SSF x LoA	-9,78764864	-0,025	0,310
CHR5	3E+07	CHR5:29692380	SSF x LoA	-10,391655	0,060	0,312
CHR5	3E+07	CHR5:29692393	SSF x LoA	-8,72904851	0,000	0,307
CHR5	3E+07	CHR5:29692399	SSF x LoA	-8,9664459	0,018	0,308
CHR5	3E+07	CHR5:29692439	SSF x LoA	-7,51978454	-0,156	0,293
CHR5	3E+07	CHR5:29692466	SSF x LoA	-9,11310372	-0,093	0,306
CHR5	3E+07	CHR5:29692477	SSF x LoA	-9,46913657	0,069	0,324
CHR5	3E+07	CHR5:29697893	SSF x LoA	-10,4234022	0,003	0,308
CHR5	3E+07	CHR5:29697999	SSF x LoA	-7,98428083	0,045	0,302
CHR5	3E+07	CHR5:29711211	SSF x LoA	-9,39800647	-0,032	0,306
CHR5	3E+07	CHR5:29711449	SSF x LoA	-9,60754113	-0,087	0,308
CHR5	3E+07	CHR5:29727800	SSF x LoA	-11,0293381	0,092	0,311
CHR5	3E+07	CHR5:29727802	SSF x LoA	-4,08785343	-0,115	0,298
CHR5	3E+07	CHR5:29727944	SSF x LoA	-11,4727856	0,063	0,298
CHR5	3E+07	CHR5:29728008	SSF x LoA	-11,5548641	-0,039	0,304
CHR5	3E+07	CHR5:29732493	SSF x LoA	-7,88513481	-0,054	0,305
CHR5	3E+07	CHR5:29732536	SSF x LoA	-11,3923775	0,046	0,303
CHR5	3E+07	CHR5:29742697	SSF x LoA	-10,2187309	0,032	0,296
CHR5	3E+07	CHR5:29742761	SSF x LoA	-10,108921	0,048	0,313
CHR5	3E+07	CHR5:29742766	SSF x LoA	-11,0972519	-0,043	0,296
CHR5	3E+07	CHR5:29742792	SSF x LoA	-8,31628356	-0,104	0,314
CHR5	3E+07	CHR5:29742869	SSF x LoA	-10,8551826	-0,094	0,305
CHR5	3E+07	CHR5:29753053	SSF x LoA	-10,9271763	-0,026	0,308
CHR5	3E+07	CHR5:29753160	SSF x LoA	-6,90513093	-0,220	0,289
CHR5	3E+07	CHR5:29763639	SSF x LoA	-8,85832555	0,030	0,301
CHR5	3E+07	CHR5:29763688	SSF x LoA	-11,8019446	0,034	0,305
CHR5	3E+07	CHR5:29763770	SSF x LoA	-8,79907652	0,071	0,310
CHR5	3E+07	CHR5:29764129	SSF x LoA	-7,46074283	-0,095	0,300
CHR5	3E+07	CHR5:29764170	SSF x LoA	-11,1190908	-0,051	0,309
CHR5	3E+07	CHR5:29773204	SSF x LoA	-10,1069421	-0,090	0,306
CHR5	2978147	CHR5:2978147	SSF x LoA	-10,3867438	-0,102	0,308

CHR5	2978260	CHR5:2978260	SSF x LoA	-11,0119279	-0,050	0,306
CHR5	2978264	CHR5:2978264	SSF x LoA	-10,6091866	-0,038	0,307
CHR5	3E+07	CHR5:29783770	SSF x LoA	-7,14413493	0,174	0,288
CHR5	3E+07	CHR5:29783783	SSF x LoA	-6,90109189	0,165	0,298
CHR5	3E+07	CHR5:29783826	SSF x LoA	-7,851404	0,133	0,313
CHR5	2978688	CHR5:2978688	SSF x LoA	-10,5685789	-0,039	0,300
CHR5	2979316	CHR5:2979316	SSF x LoA	-7,70535238	-0,038	0,306
CHR5	3E+07	CHR5:29794709	SSF x LoA	-8,3490971	0,096	0,304
CHR5	3E+07	CHR5:29794771	SSF x LoA	-8,30357536	-0,020	0,297
CHR5	3E+07	CHR5:29794804	SSF x LoA	-10,8325253	0,030	0,314
CHR5	3E+07	CHR5:29794835	SSF x LoA	-11,9705164	0,017	0,306
CHR5	3E+07	CHR5:29794959	SSF x LoA	-11,0594309	-0,008	0,309
CHR5	3E+07	CHR5:29795084	SSF x LoA	-12,078129	-0,011	0,298
CHR5	2980308	CHR5:2980308	SSF x LoA	-7,65204615	-0,086	0,316
CHR5	3E+07	CHR5:29814208	SSF x LoA	-8,77390679	-0,027	0,290
CHR5	3E+07	CHR5:29814250	SSF x LoA	-9,20774003	-0,034	0,297
CHR5	3E+07	CHR5:29814814	SSF x LoA	-10,2579571	0,005	0,304
CHR5	3E+07	CHR5:29814818	SSF x LoA	-10,2011426	-0,045	0,318
CHR5	3E+07	CHR5:29814857	SSF x LoA	-11,1523385	0,037	0,307
CHR5	3E+07	CHR5:29814879	SSF x LoA	-8,82784398	-0,059	0,308
CHR5	3E+07	CHR5:29830373	SSF x LoA	-7,15622985	0,145	0,306
CHR5	3E+07	CHR5:29830410	SSF x LoA	-9,58186612	-0,077	0,320
CHR5	3E+07	CHR5:29833386	SSF x LoA	-8,95541579	0,074	0,318
CHR5	3E+07	CHR5:29846751	SSF x LoA	-9,17377026	-0,171	0,311
CHR5	3E+07	CHR5:29846810	SSF x LoA	-6,23560872	-0,069	0,319
CHR5	3E+07	CHR5:29857677	SSF x LoA	-10,3188139	0,069	0,312
CHR5	3E+07	CHR5:29864094	SSF x LoA	-5,72271439	-0,032	0,307
CHR5	3E+07	CHR5:29877853	SSF x LoA	-10,4386835	-0,144	0,310
CHR5	3E+07	CHR5:29889450	SSF x LoA	-11,2495814	-0,042	0,302
CHR5	3E+07	CHR5:29891384	SSF x LoA	-10,4308337	-0,008	0,296
CHR5	2989922	CHR5:2989922	SSF x LoA	-9,92085824	-0,036	0,321
CHR5	2990337	CHR5:2990337	SSF x LoA	-9,50634943	0,106	0,305
CHR5	2990340	CHR5:2990340	SSF x LoA	-9,3527998	0,053	0,297
CHR5	2990378	CHR5:2990378	SSF x LoA	-9,22947499	0,079	0,317
CHR5	2990414	CHR5:2990414	SSF x LoA	-2,56305055	-0,065	0,307
CHR5	2990441	CHR5:2990441	SSF x LoA	-7,03925166	-0,043	0,304
CHR5	3E+07	CHR5:29904615	SSF x LoA	-9,47587886	0,134	0,306
CHR5	3E+07	CHR5:29904638	SSF x LoA	-9,28410056	0,104	0,302
CHR5	3E+07	CHR5:29904776	SSF x LoA	-9,53266462	-0,015	0,309
CHR5	3E+07	CHR5:29904815	SSF x LoA	-9,33882591	0,044	0,315
CHR5	3E+07	CHR5:29908434	SSF x LoA	-9,54797231	-0,048	0,293
CHR5	3E+07	CHR5:29908439	SSF x LoA	-8,04169769	-0,063	0,312
CHR5	2991502	CHR5:2991502	SSF x LoA	-9,38016491	-0,143	0,298
CHR5	2991594	CHR5:2991594	SSF x LoA	-8,86198044	-0,022	0,316
CHR5	2991623	CHR5:2991623	SSF x LoA	-9,83813039	-0,052	0,316
CHR5	2991703	CHR5:2991703	SSF x LoA	-6,77768687	0,167	0,307
CHR5	3E+07	CHR5:29917064	SSF x LoA	-6,25942345	0,011	0,309
CHR5	3E+07	CHR5:29917141	SSF x LoA	-8,30195093	0,021	0,305
CHR5	3E+07	CHR5:29917217	SSF x LoA	-8,39054759	0,166	0,289
CHR5	3E+07	CHR5:29917255	SSF x LoA	-2,77056097	0,130	0,307
CHR5	3E+07	CHR5:29919357	SSF x LoA	-9,87998792	0,033	0,316
CHR5	3E+07	CHR5:29919368	SSF x LoA	-8,85302974	0,093	0,303
CHR5	3E+07	CHR5:29919462	SSF x LoA	-11,0540722	0,009	0,299

CHR5	3E+07	CHR5:29919594	SSF x LoA	-5,58332351	0,159	0,294
CHR5	3E+07	CHR5:29925685	SSF x LoA	-9,26226543	0,121	0,291
CHR5	3E+07	CHR5:29925691	SSF x LoA	-11,347145	0,029	0,310
CHR5	3E+07	CHR5:29925770	SSF x LoA	9,47717591	0,048	0,307
CHR5	3E+07	CHR5:29925987	SSF x LoA	-0,0584594	0,191	0,290
CHR5	3E+07	CHR5:29926051	SSF x LoA	-6,34532825	0,063	0,320
CHR5	2993519	CHR5:2993519	SSF x LoA	-9,46079112	0,061	0,298
CHR5	2993548	CHR5:2993548	SSF x LoA	-10,1440809	0,013	0,311
CHR5	2995609	CHR5:2995609	SSF x LoA	-9,08523732	0,089	0,312
CHR5	2995654	CHR5:2995654	SSF x LoA	-11,2511129	-0,066	0,299
CHR5	2995780	CHR5:2995780	SSF x LoA	-6,33180689	-0,209	0,298
CHR5	3E+07	CHR5:29976072	SSF x LoA	-10,904172	0,006	0,324
CHR5	3E+07	CHR5:29982706	SSF x LoA	-7,78009708	0,057	0,310
CHR5	3E+07	CHR5:29986081	SSF x LoA	-8,25715315	0,033	0,303
CHR5	3001476	CHR5:3001476	SSF x LoA	-6,93299467	0,106	0,293
CHR5	3001487	CHR5:3001487	SSF x LoA	-9,24299998	-0,022	0,308
CHR5	3001556	CHR5:3001556	SSF x LoA	-6,6917753	0,033	0,309
CHR5	3002233	CHR5:3002233	SSF x LoA	-8,38669388	0,035	0,304
CHR5	3002329	CHR5:3002329	SSF x LoA	-8,51059564	0,050	0,290
CHR5	3002345	CHR5:3002345	SSF x LoA	-8,09957164	-0,121	0,298
CHR5	3E+07	CHR5:30060023	SSF x LoA	-8,76167356	0,059	0,311
CHR5	3E+07	CHR5:30060107	SSF x LoA	-9,46976481	-0,079	0,304
CHR5	3E+07	CHR5:30060128	SSF x LoA	-9,92212177	-0,095	0,291
CHR5	3E+07	CHR5:30060133	SSF x LoA	-7,37147326	-0,082	0,312
CHR5	3E+07	CHR5:30060166	SSF x LoA	-9,90331242	0,005	0,293
CHR5	3E+07	CHR5:30060245	SSF x LoA	-7,45487641	0,015	0,316
CHR5	3E+07	CHR5:30067229	SSF x LoA	-10,0602965	0,022	0,305
CHR5	3E+07	CHR5:30100989	SSF x LoA	-9,95843433	-0,103	0,306
CHR5	3E+07	CHR5:30101027	SSF x LoA	-5,23061912	0,216	0,292
CHR5	3E+07	CHR5:30101165	SSF x LoA	-9,56080836	0,041	0,319
CHR5	3010204	CHR5:3010204	SSF x LoA	-10,4652442	0,015	0,311
CHR5	3010212	CHR5:3010212	SSF x LoA	-9,53245051	0,149	0,302
CHR5	3E+07	CHR5:30102319	SSF x LoA	-8,84007114	-0,090	0,307
CHR5	3E+07	CHR5:30102439	SSF x LoA	-7,48596144	0,096	0,314
CHR5	3E+07	CHR5:30102463	SSF x LoA	-6,68205288	-0,193	0,293
CHR5	3E+07	CHR5:30102479	SSF x LoA	-9,01564524	0,042	0,303
CHR5	3010431	CHR5:3010431	SSF x LoA	-10,1488675	0,028	0,313
CHR5	3E+07	CHR5:30105982	SSF x LoA	-7,50044672	-0,202	0,292
CHR5	3E+07	CHR5:30106066	SSF x LoA	-9,50312672	0,108	0,310
CHR5	3E+07	CHR5:30106127	SSF x LoA	-5,54527549	0,100	0,319
CHR5	3E+07	CHR5:30112632	SSF x LoA	-7,71223794	0,161	0,307
CHR5	3E+07	CHR5:30112644	SSF x LoA	-4,35586637	0,227	0,297
CHR5	3E+07	CHR5:30112674	SSF x LoA	-7,10831298	0,168	0,306
CHR5	3E+07	CHR5:30112708	SSF x LoA	-8,85252174	0,104	0,311
CHR5	3E+07	CHR5:30112723	SSF x LoA	-11,3144168	-0,003	0,306
CHR5	3E+07	CHR5:30112755	SSF x LoA	-10,6802363	-0,021	0,309
CHR5	3E+07	CHR5:30112826	SSF x LoA	-10,3894931	-0,045	0,301
CHR5	3E+07	CHR5:30112841	SSF x LoA	-9,65312807	-0,058	0,306
CHR5	3E+07	CHR5:30113830	SSF x LoA	-10,8819462	-0,089	0,302
CHR5	3E+07	CHR5:30124840	SSF x LoA	-9,97660507	-0,036	0,309
CHR5	3E+07	CHR5:30124926	SSF x LoA	-11,8456596	0,021	0,303
CHR5	3E+07	CHR5:30125103	SSF x LoA	-9,96615479	0,034	0,310
CHR5	3E+07	CHR5:30126654	SSF x LoA	-9,3850216	0,125	0,303

CHR5	3E+07	CHR5:30130168	SSF x LoA	-8,60905261	-0,100	0,314
CHR5	3E+07	CHR5:30130270	SSF x LoA	-10,8872927	0,096	0,310
CHR5	3E+07	CHR5:30134559	SSF x LoA	-8,49092705	0,093	0,297
CHR5	3E+07	CHR5:30134585	SSF x LoA	-10,8730985	-0,051	0,301
CHR5	3E+07	CHR5:30134746	SSF x LoA	-9,30347153	-0,120	0,284
CHR5	3E+07	CHR5:30143661	SSF x LoA	-9,14752307	0,034	0,301
CHR5	3E+07	CHR5:30143684	SSF x LoA	-9,58695833	-0,063	0,320
CHR5	3E+07	CHR5:30143784	SSF x LoA	-7,60717389	-0,118	0,304
CHR5	3E+07	CHR5:30143819	SSF x LoA	-9,99358606	-0,081	0,296
CHR5	3014733	CHR5:3014733	SSF x LoA	-3,54117962	-0,014	0,311
CHR5	3014826	CHR5:3014826	SSF x LoA	-11,2406995	-0,063	0,316
CHR5	3014865	CHR5:3014865	SSF x LoA	-10,3375401	-0,005	0,299
CHR5	3E+07	CHR5:30153625	SSF x LoA	-6,5843575	0,134	0,306
CHR5	3E+07	CHR5:30153653	SSF x LoA	-10,7360671	0,084	0,303
CHR5	3E+07	CHR5:30153658	SSF x LoA	-10,7513084	0,083	0,301
CHR5	3E+07	CHR5:30153716	SSF x LoA	-10,9391336	-0,029	0,294
CHR5	3E+07	CHR5:30157244	SSF x LoA	-8,55167781	0,106	0,304
CHR5	3E+07	CHR5:30170121	SSF x LoA	-7,75980412	0,105	0,307
CHR5	3E+07	CHR5:30175874	SSF x LoA	-11,5142991	0,015	0,316
CHR5	3E+07	CHR5:30176093	SSF x LoA	-10,7234377	0,048	0,315
CHR5	3E+07	CHR5:30176094	SSF x LoA	-9,67743324	0,057	0,320
CHR5	3018931	CHR5:3018931	SSF x LoA	-9,11084804	-0,024	0,318
CHR5	3019046	CHR5:3019046	SSF x LoA	-9,90782424	-0,070	0,289
CHR5	3019184	CHR5:3019184	SSF x LoA	-10,2642242	-0,059	0,297
CHR5	3E+07	CHR5:30208341	SSF x LoA	-11,2068449	0,015	0,308
CHR5	3E+07	CHR5:30208491	SSF x LoA	-6,77169515	0,206	0,291
CHR5	3E+07	CHR5:30214468	SSF x LoA	-10,0396995	-0,065	0,314
CHR5	3E+07	CHR5:30221259	SSF x LoA	0,30209298	-0,015	0,324
CHR5	3022174	CHR5:3022174	SSF x LoA	-7,60768503	0,112	0,289
CHR5	3E+07	CHR5:30247354	SSF x LoA	-10,5589946	-0,034	0,307
CHR5	3026189	CHR5:3026189	SSF x LoA	-7,18836147	0,123	0,313
CHR5	3026320	CHR5:3026320	SSF x LoA	-6,39418409	0,095	0,304
CHR5	3026332	CHR5:3026332	SSF x LoA	-11,9809801	-0,018	0,300
CHR5	3E+07	CHR5:30271022	SSF x LoA	-8,29377161	-0,072	0,312
CHR5	3E+07	CHR5:30273159	SSF x LoA	-9,44779945	0,023	0,313
CHR5	3E+07	CHR5:30279283	SSF x LoA	-9,69834198	0,080	0,306
CHR5	3E+07	CHR5:30279319	SSF x LoA	-9,54957679	-0,066	0,317
CHR5	3E+07	CHR5:30280579	SSF x LoA	-9,63078278	0,050	0,313
CHR5	3E+07	CHR5:30280585	SSF x LoA	-10,0590317	0,006	0,308
CHR5	3E+07	CHR5:30280586	SSF x LoA	-10,4136972	-0,042	0,312
CHR5	3E+07	CHR5:30280588	SSF x LoA	-10,6279079	0,016	0,308
CHR5	3E+07	CHR5:30281683	SSF x LoA	-10,4217289	0,002	0,317
CHR5	3E+07	CHR5:30286190	SSF x LoA	-7,92796049	-0,098	0,293
CHR5	3E+07	CHR5:30286191	SSF x LoA	-9,31500708	0,035	0,304
CHR5	3E+07	CHR5:30286247	SSF x LoA	-10,1835194	-0,051	0,292
CHR5	3E+07	CHR5:30286263	SSF x LoA	-6,69079912	-0,092	0,316
CHR5	3E+07	CHR5:30286393	SSF x LoA	-7,7153281	0,059	0,302
CHR5	3E+07	CHR5:30291051	SSF x LoA	-7,48278278	-0,170	0,293
CHR5	3E+07	CHR5:30291122	SSF x LoA	-9,05348833	0,062	0,311
CHR5	3E+07	CHR5:30291163	SSF x LoA	-3,83718551	0,067	0,307
CHR5	3E+07	CHR5:30295470	SSF x LoA	-7,49274051	-0,089	0,291
CHR5	3029742	CHR5:3029742	SSF x LoA	-10,5852686	-0,027	0,310
CHR5	3E+07	CHR5:30302204	SSF x LoA	-10,6795794	-0,075	0,310

CHR5	3E+07	CHR5:30318201	SSF x LoA	-9,03652296	-0,046	0,291
CHR5	3E+07	CHR5:30318214	SSF x LoA	-9,81022147	-0,036	0,290
CHR5	3E+07	CHR5:30345274	SSF x LoA	-6,91601993	-0,048	0,317
CHR5	3E+07	CHR5:30345290	SSF x LoA	-9,55823096	0,094	0,307
CHR5	3E+07	CHR5:30345309	SSF x LoA	-9,20252042	-0,084	0,311
CHR5	3E+07	CHR5:30345333	SSF x LoA	-11,217054	-0,065	0,298
CHR5	3E+07	CHR5:30345336	SSF x LoA	-8,84218082	-0,075	0,300
CHR5	3E+07	CHR5:30357358	SSF x LoA	-11,9411998	0,010	0,316
CHR5	3036586	CHR5:3036586	SSF x LoA	-11,0144349	0,103	0,302
CHR5	3036637	CHR5:3036637	SSF x LoA	-9,40845074	0,055	0,318
CHR5	3E+07	CHR5:30374555	SSF x LoA	-9,94076412	0,010	0,308
CHR5	3E+07	CHR5:30374612	SSF x LoA	-8,49867579	-0,017	0,304
CHR5	3E+07	CHR5:30374622	SSF x LoA	-6,96350186	-0,014	0,306
CHR5	3E+07	CHR5:30374742	SSF x LoA	-9,9407025	-0,091	0,299
CHR5	3E+07	CHR5:30374743	SSF x LoA	-6,95747901	-0,051	0,303
CHR5	3E+07	CHR5:30374765	SSF x LoA	-7,92023261	0,043	0,315
CHR5	3E+07	CHR5:30378249	SSF x LoA	-9,68322137	-0,136	0,319
CHR5	3E+07	CHR5:30378387	SSF x LoA	-7,98725219	0,025	0,326
CHR5	3E+07	CHR5:30388854	SSF x LoA	-9,74106158	0,051	0,293
CHR5	3E+07	CHR5:30388881	SSF x LoA	-8,40192791	0,005	0,297
CHR5	3E+07	CHR5:30389709	SSF x LoA	-8,6439982	0,080	0,305
CHR5	3E+07	CHR5:30389772	SSF x LoA	-9,45556381	0,029	0,305
CHR5	3E+07	CHR5:30395726	SSF x LoA	-8,02466706	-0,087	0,302
CHR5	3E+07	CHR5:30411039	SSF x LoA	-12,274417	-0,031	0,302
CHR5	3042577	CHR5:3042577	SSF x LoA	-10,1138631	-0,156	0,314
CHR5	3E+07	CHR5:30440308	SSF x LoA	-6,13555641	-0,074	0,302
CHR5	3E+07	CHR5:30442218	SSF x LoA	-9,52059972	0,075	0,318
CHR5	3E+07	CHR5:30443126	SSF x LoA	-8,17192719	-0,053	0,309
CHR5	3E+07	CHR5:30446990	SSF x LoA	-10,0168445	0,041	0,306
CHR5	3E+07	CHR5:30448894	SSF x LoA	-8,15918051	-0,079	0,297
CHR5	3E+07	CHR5:30448957	SSF x LoA	-7,24452584	-0,073	0,306
CHR5	3E+07	CHR5:30448983	SSF x LoA	-10,3314588	0,028	0,311
CHR5	3E+07	CHR5:30449021	SSF x LoA	-9,03344019	0,004	0,313
CHR5	3E+07	CHR5:30452706	SSF x LoA	-9,09117911	0,073	0,301
CHR5	3E+07	CHR5:30452735	SSF x LoA	-9,11086641	0,101	0,303
CHR5	3E+07	CHR5:30452759	SSF x LoA	-2,7302893	-0,118	0,295
CHR5	3E+07	CHR5:30452793	SSF x LoA	-8,22608089	-0,070	0,305
CHR5	3E+07	CHR5:30456690	SSF x LoA	-8,40901551	0,059	0,304
CHR5	3E+07	CHR5:30467064	SSF x LoA	-8,21369453	-0,126	0,294
CHR5	3E+07	CHR5:30467099	SSF x LoA	-10,9745934	0,012	0,311
CHR5	3E+07	CHR5:30467313	SSF x LoA	-7,62431689	-0,095	0,308
CHR5	3E+07	CHR5:30467399	SSF x LoA	-10,5569577	-0,084	0,294
CHR5	3E+07	CHR5:30469100	SSF x LoA	-9,09658279	0,056	0,318
CHR5	3E+07	CHR5:30469494	SSF x LoA	-10,02663	0,020	0,312
CHR5	3E+07	CHR5:30469692	SSF x LoA	-7,31474233	0,106	0,301
CHR5	3E+07	CHR5:30474799	SSF x LoA	-9,50948209	-0,059	0,310
CHR5	3E+07	CHR5:30474804	SSF x LoA	-9,0668733	0,033	0,317
CHR5	3E+07	CHR5:30474853	SSF x LoA	-10,5186044	-0,092	0,306
CHR5	3E+07	CHR5:30477559	SSF x LoA	-7,86603298	0,014	0,309
CHR5	3E+07	CHR5:30477685	SSF x LoA	-11,1577333	0,007	0,307
CHR5	3E+07	CHR5:30477803	SSF x LoA	-9,2986935	-0,180	0,295
CHR5	3E+07	CHR5:30481126	SSF x LoA	-11,3761099	0,039	0,310
CHR5	3E+07	CHR5:30481127	SSF x LoA	-9,49597225	0,061	0,296

CHR5	3E+07	CHR5:30481172	SSF x LoA	-11,1166805	0,062	0,296
CHR5	3E+07	CHR5:30486910	SSF x LoA	-10,4908778	0,014	0,299
CHR5	3E+07	CHR5:30487035	SSF x LoA	2,0942719	-0,100	0,304
CHR5	3E+07	CHR5:30487038	SSF x LoA	-10,4375764	-0,092	0,318
CHR5	3E+07	CHR5:30487044	SSF x LoA	-10,7862847	-0,002	0,307
CHR5	3E+07	CHR5:30487045	SSF x LoA	-0,25708254	-0,125	0,309
CHR5	3E+07	CHR5:30491853	SSF x LoA	-7,10302409	0,006	0,311
CHR5	3E+07	CHR5:30491981	SSF x LoA	-7,52587564	0,071	0,318
CHR5	3E+07	CHR5:30494211	SSF x LoA	-7,08980989	0,073	0,312
CHR5	3E+07	CHR5:30494212	SSF x LoA	-6,81424768	0,069	0,308
CHR5	3E+07	CHR5:30494232	SSF x LoA	-11,094159	0,088	0,314
CHR5	3E+07	CHR5:30494236	SSF x LoA	-9,05678314	0,120	0,305
CHR5	3E+07	CHR5:30494250	SSF x LoA	-10,1989933	0,062	0,310
CHR5	3E+07	CHR5:30494324	SSF x LoA	-9,83534514	0,035	0,301
CHR5	3E+07	CHR5:30494334	SSF x LoA	-9,80448775	-0,026	0,304
CHR5	3E+07	CHR5:30494336	SSF x LoA	-7,60309094	-0,014	0,306
CHR5	3E+07	CHR5:30494338	SSF x LoA	-5,87484394	-0,020	0,300
CHR5	3E+07	CHR5:30494344	SSF x LoA	-9,45944386	0,050	0,292
CHR5	3E+07	CHR5:30494404	SSF x LoA	-10,427776	0,009	0,316
CHR5	3E+07	CHR5:30496298	SSF x LoA	-10,8528669	0,055	0,312
CHR5	3E+07	CHR5:30496303	SSF x LoA	-9,73566541	0,023	0,298
CHR5	3E+07	CHR5:30496520	SSF x LoA	-11,3835435	-0,016	0,307
CHR5	30506250	CHR5:30506250	SSF x LoA	-5,44609507	-0,123	0,286
CHR5	30506393	CHR5:30506393	SSF x LoA	-8,47331127	0,008	0,317
CHR5	30532745	CHR5:30532745	SSF x LoA	-6,3001263	-0,168	0,301
CHR5	30532813	CHR5:30532813	SSF x LoA	-8,87318349	-0,070	0,317
CHR5	30549284	CHR5:30549284	SSF x LoA	-8,46264298	-0,024	0,295
CHR5	30549287	CHR5:30549287	SSF x LoA	-10,2130645	-0,011	0,304
CHR5	30557059	CHR5:30557059	SSF x LoA	-10,8483341	0,057	0,309
CHR5	30557065	CHR5:30557065	SSF x LoA	-12,4884215	0,013	0,305
CHR5	30560958	CHR5:30560958	SSF x LoA	-6,68153296	0,180	0,289
CHR5	30577521	CHR5:30577521	SSF x LoA	-9,0645546	-0,016	0,315
CHR5	30578639	CHR5:30578639	SSF x LoA	-10,7522467	0,047	0,289
CHR5	30586183	CHR5:30586183	SSF x LoA	-7,86131891	-0,002	0,315
CHR5	30586200	CHR5:30586200	SSF x LoA	-8,8784503	0,005	0,316
CHR5	30586201	CHR5:30586201	SSF x LoA	-9,04615879	0,010	0,316
CHR5	30586251	CHR5:30586251	SSF x LoA	-9,86330035	0,036	0,302
CHR5	30586267	CHR5:30586267	SSF x LoA	13,0079563	0,079	0,308
CHR5	30586949	CHR5:30586949	SSF x LoA	-8,86803596	0,038	0,309
CHR5	30586997	CHR5:30586997	SSF x LoA	-9,88058307	-0,089	0,305
CHR5	30594863	CHR5:30594863	SSF x LoA	-7,99355064	-0,025	0,309
CHR5	30618306	CHR5:30618306	SSF x LoA	-6,19468348	-0,059	0,308
CHR5	30618531	CHR5:30618531	SSF x LoA	-10,2787324	-0,049	0,317
CHR5	30623931	CHR5:30623931	SSF x LoA	-9,59020251	-0,094	0,304
CHR5	30624027	CHR5:30624027	SSF x LoA	-2,13738003	-0,119	0,297
CHR5	30628200	CHR5:30628200	SSF x LoA	-10,6624951	-0,032	0,306
CHR5	30636051	CHR5:30636051	SSF x LoA	-11,0525502	0,066	0,304
CHR5	30636078	CHR5:30636078	SSF x LoA	-9,12212874	-0,082	0,312
CHR5	30661922	CHR5:30661922	SSF x LoA	-8,83244997	0,073	0,329
CHR5	30662064	CHR5:30662064	SSF x LoA	-6,12645697	0,080	0,307
CHR5	30664466	CHR5:30664466	SSF x LoA	-9,53283896	-0,052	0,313
CHR5	30665871	CHR5:30665871	SSF x LoA	-10,1790958	0,037	0,308
CHR5	30665925	CHR5:30665925	SSF x LoA	-8,21471094	-0,047	0,314

CHR5	30665984	CHR5:30665984	SSF x LoA	-7,24407297	0,030	0,329
CHR5	30665988	CHR5:30665988	SSF x LoA	-9,43748009	-0,009	0,305
CHR5	30668352	CHR5:30668352	SSF x LoA	-7,711916	0,104	0,311
CHR5	30668406	CHR5:30668406	SSF x LoA	-10,6400742	-0,015	0,313
CHR5	3067804	CHR5:3067804	SSF x LoA	-9,17646381	-0,084	0,302
CHR5	3067879	CHR5:3067879	SSF x LoA	-10,7723853	0,027	0,314
CHR5	30692166	CHR5:30692166	SSF x LoA	-11,5682415	-0,018	0,296
CHR5	30692278	CHR5:30692278	SSF x LoA	-9,215003	-0,049	0,314
CHR5	3069541	CHR5:3069541	SSF x LoA	-7,45270958	-0,038	0,313
CHR5	3069543	CHR5:3069543	SSF x LoA	-10,298283	-0,037	0,305
CHR5	3069559	CHR5:3069559	SSF x LoA	-10,6719548	0,027	0,293
CHR5	3069583	CHR5:3069583	SSF x LoA	-4,59228027	0,023	0,303
CHR5	30708492	CHR5:30708492	SSF x LoA	-9,90684532	0,045	0,318
CHR5	30708689	CHR5:30708689	SSF x LoA	-5,80897587	0,094	0,311
CHR5	3071045	CHR5:3071045	SSF x LoA	-8,66161675	-0,099	0,310
CHR5	30723297	CHR5:30723297	SSF x LoA	-10,0098324	0,052	0,303
CHR5	30723919	CHR5:30723919	SSF x LoA	-10,6929233	0,036	0,295
CHR5	30724019	CHR5:30724019	SSF x LoA	-10,3914632	-0,032	0,318
CHR5	30727151	CHR5:30727151	SSF x LoA	-10,3182008	0,155	0,321
CHR5	30730470	CHR5:30730470	SSF x LoA	-9,70622209	-0,027	0,299
CHR5	3073439	CHR5:3073439	SSF x LoA	-11,8743435	0,028	0,295
CHR5	3073520	CHR5:3073520	SSF x LoA	-8,00719477	0,151	0,312
CHR5	3073543	CHR5:3073543	SSF x LoA	-8,399163	-0,130	0,307
CHR5	3073648	CHR5:3073648	SSF x LoA	-8,51689986	0,049	0,308
CHR5	3073655	CHR5:3073655	SSF x LoA	-9,20598174	-0,005	0,315
CHR5	3073657	CHR5:3073657	SSF x LoA	-7,88883741	-0,011	0,318
CHR5	30740279	CHR5:30740279	SSF x LoA	-8,67256467	-0,060	0,310
CHR5	30790605	CHR5:30790605	SSF x LoA	-10,3480657	0,028	0,318
CHR5	30812806	CHR5:30812806	SSF x LoA	-9,91012348	-0,127	0,286
CHR5	30829602	CHR5:30829602	SSF x LoA	-5,38009942	0,014	0,291
CHR5	30829726	CHR5:30829726	SSF x LoA	-6,81728549	-0,011	0,300
CHR5	30833307	CHR5:30833307	SSF x LoA	-10,4061635	-0,098	0,300
CHR5	30833458	CHR5:30833458	SSF x LoA	-10,2937444	0,027	0,310
CHR5	30838733	CHR5:30838733	SSF x LoA	-8,36223779	0,130	0,298
CHR5	30839332	CHR5:30839332	SSF x LoA	-9,82922147	-0,050	0,304
CHR5	30843634	CHR5:30843634	SSF x LoA	-7,14308762	0,044	0,313
CHR5	30843667	CHR5:30843667	SSF x LoA	-9,16238885	0,064	0,312
CHR5	30845077	CHR5:30845077	SSF x LoA	-8,01949622	-0,080	0,305
CHR5	30845108	CHR5:30845108	SSF x LoA	-9,92741882	-0,107	0,304
CHR5	30845179	CHR5:30845179	SSF x LoA	-8,70489538	0,081	0,299
CHR5	30849344	CHR5:30849344	SSF x LoA	-11,8616296	-0,069	0,303
CHR5	30853091	CHR5:30853091	SSF x LoA	-9,67131635	0,033	0,325
CHR5	30853260	CHR5:30853260	SSF x LoA	-10,870757	0,019	0,305
CHR5	30856377	CHR5:30856377	SSF x LoA	-11,8051133	-0,033	0,310
CHR5	30856587	CHR5:30856587	SSF x LoA	-10,9451958	0,016	0,289
CHR5	30856593	CHR5:30856593	SSF x LoA	-9,5317811	0,047	0,299
CHR5	30856598	CHR5:30856598	SSF x LoA	-9,84183489	0,015	0,268
CHR5	30866194	CHR5:30866194	SSF x LoA	-9,63192503	-0,050	0,288
CHR5	30866205	CHR5:30866205	SSF x LoA	-8,03331802	0,106	0,320
CHR5	30866212	CHR5:30866212	SSF x LoA	-7,56188858	0,104	0,314
CHR5	30866253	CHR5:30866253	SSF x LoA	-5,76226998	-0,103	0,305
CHR5	30866389	CHR5:30866389	SSF x LoA	-7,80990046	0,087	0,294
CHR5	30866390	CHR5:30866390	SSF x LoA	-10,232172	0,037	0,288

CHR5	30868285	CHR5:30868285	SSF x LoA	-8,29883106	0,060	0,297
CHR5	30868343	CHR5:30868343	SSF x LoA	-10,9977497	-0,020	0,311
CHR5	30874138	CHR5:30874138	SSF x LoA	-9,41018228	-0,010	0,300
CHR5	30874155	CHR5:30874155	SSF x LoA	-9,72110915	-0,014	0,300
CHR5	30874245	CHR5:30874245	SSF x LoA	-9,32765808	-0,096	0,306
CHR5	30874248	CHR5:30874248	SSF x LoA	-7,13160102	0,189	0,300
CHR5	30877251	CHR5:30877251	SSF x LoA	-8,60023119	-0,127	0,283
CHR5	30888155	CHR5:30888155	SSF x LoA	-9,71657332	0,028	0,301
CHR5	30889618	CHR5:30889618	SSF x LoA	-7,33713135	0,072	0,300
CHR5	30889621	CHR5:30889621	SSF x LoA	-5,45191488	-0,197	0,294
CHR5	30889680	CHR5:30889680	SSF x LoA	-7,87340814	0,055	0,297
CHR5	30889794	CHR5:30889794	SSF x LoA	-10,2953517	0,100	0,296
CHR5	30889827	CHR5:30889827	SSF x LoA	-10,6134117	0,080	0,306
CHR5	3088993	CHR5:3088993	SSF x LoA	-8,6033174	0,021	0,304
CHR5	3089078	CHR5:3089078	SSF x LoA	-10,7448937	0,026	0,318
CHR5	30894653	CHR5:30894653	SSF x LoA	1,53218246	-0,073	0,306
CHR5	30894667	CHR5:30894667	SSF x LoA	-9,51885883	-0,084	0,308
CHR5	30894702	CHR5:30894702	SSF x LoA	-10,3077096	-0,021	0,304
CHR5	30900671	CHR5:30900671	SSF x LoA	-4,27269003	-0,009	0,307
CHR5	30900719	CHR5:30900719	SSF x LoA	-10,0252893	-0,141	0,290
CHR5	30900739	CHR5:30900739	SSF x LoA	-9,84717807	0,099	0,312
CHR5	30900838	CHR5:30900838	SSF x LoA	-10,7370978	-0,040	0,302
CHR5	30900864	CHR5:30900864	SSF x LoA	1,07801742	-0,110	0,309
CHR5	30900888	CHR5:30900888	SSF x LoA	-8,03884492	-0,066	0,301
CHR5	30902885	CHR5:30902885	SSF x LoA	-8,02109803	-0,051	0,310
CHR5	30902897	CHR5:30902897	SSF x LoA	-9,6493465	0,033	0,309
CHR5	30902949	CHR5:30902949	SSF x LoA	-8,16885927	-0,036	0,306
CHR5	30902990	CHR5:30902990	SSF x LoA	-10,2731769	0,053	0,306
CHR5	30903175	CHR5:30903175	SSF x LoA	-8,65785236	0,171	0,303
CHR5	30903203	CHR5:30903203	SSF x LoA	-11,1840509	0,001	0,317
CHR5	30907301	CHR5:30907301	SSF x LoA	-8,905884	0,053	0,304
CHR5	30929566	CHR5:30929566	SSF x LoA	-11,6657639	-0,005	0,305
CHR5	30933360	CHR5:30933360	SSF x LoA	-8,21523749	-0,002	0,317
CHR5	30933508	CHR5:30933508	SSF x LoA	-9,81106481	0,004	0,327
CHR5	30938671	CHR5:30938671	SSF x LoA	-9,42523379	0,030	0,316
CHR5	30938715	CHR5:30938715	SSF x LoA	-11,1096288	-0,005	0,293
CHR5	30938748	CHR5:30938748	SSF x LoA	-7,8923928	-0,004	0,319
CHR5	30939245	CHR5:30939245	SSF x LoA	-8,83763007	0,005	0,309
CHR5	30939284	CHR5:30939284	SSF x LoA	-7,92343881	0,147	0,306
CHR5	30952800	CHR5:30952800	SSF x LoA	-8,60854309	-0,085	0,296
CHR5	30970150	CHR5:30970150	SSF x LoA	-7,79013548	0,010	0,309
CHR5	30970185	CHR5:30970185	SSF x LoA	-9,6299771	-0,015	0,312
CHR5	30970267	CHR5:30970267	SSF x LoA	-8,95030032	-0,150	0,306
CHR5	30970382	CHR5:30970382	SSF x LoA	-8,73455666	0,114	0,312
CHR5	30974747	CHR5:30974747	SSF x LoA	-10,5769354	0,041	0,306
CHR5	30974748	CHR5:30974748	SSF x LoA	-6,90607437	0,036	0,305
CHR5	30978447	CHR5:30978447	SSF x LoA	-8,15635895	-0,037	0,317
CHR5	30978486	CHR5:30978486	SSF x LoA	-10,4430236	0,027	0,283
CHR5	31020670	CHR5:31020670	SSF x LoA	-9,86030455	0,050	0,322
CHR5	31021215	CHR5:31021215	SSF x LoA	-10,1189188	0,022	0,317
CHR5	31029369	CHR5:31029369	SSF x LoA	-9,69581181	0,046	0,300
CHR5	31029656	CHR5:31029656	SSF x LoA	-8,98301466	0,057	0,304
CHR5	31040194	CHR5:31040194	SSF x LoA	-9,45303031	0,034	0,310

CHR5	31040317	CHR5:31040317	SSF x LoA	-7,9583785	0,057	0,309
CHR5	31047433	CHR5:31047433	SSF x LoA	-7,10359311	-0,078	0,308
CHR5	31047586	CHR5:31047586	SSF x LoA	-10,4018728	0,113	0,308
CHR5	31047617	CHR5:31047617	SSF x LoA	-1,30579498	-0,003	0,306
CHR5	31049827	CHR5:31049827	SSF x LoA	0,64925426	-0,133	0,304
CHR5	31050227	CHR5:31050227	SSF x LoA	-9,5623287	-0,044	0,291
CHR5	31050257	CHR5:31050257	SSF x LoA	-7,69279219	0,018	0,299
CHR5	31050268	CHR5:31050268	SSF x LoA	-9,63728571	-0,061	0,310
CHR5	31061435	CHR5:31061435	SSF x LoA	-9,05213018	0,016	0,316
CHR5	31061437	CHR5:31061437	SSF x LoA	-8,09262156	0,056	0,309
CHR5	31061663	CHR5:31061663	SSF x LoA	-10,0648649	-0,056	0,312
CHR5	31061686	CHR5:31061686	SSF x LoA	-7,40529745	0,159	0,297
CHR5	31061697	CHR5:31061697	SSF x LoA	-5,41672422	0,095	0,322
CHR5	31068970	CHR5:31068970	SSF x LoA	-12,4531546	-0,089	0,302
CHR5	31068975	CHR5:31068975	SSF x LoA	-7,24657639	-0,066	0,313
CHR5	31069054	CHR5:31069054	SSF x LoA	-10,3718146	-0,019	0,307
CHR5	31097164	CHR5:31097164	SSF x LoA	-9,02720936	0,033	0,297
CHR5	31097229	CHR5:31097229	SSF x LoA	-10,4437144	0,005	0,307
CHR5	31101919	CHR5:31101919	SSF x LoA	-7,28571951	-0,044	0,295
CHR5	31102033	CHR5:31102033	SSF x LoA	5,08906268	0,058	0,325
CHR5	31102068	CHR5:31102068	SSF x LoA	-8,78996863	0,097	0,302
CHR5	31102093	CHR5:31102093	SSF x LoA	-8,19912282	-0,068	0,312
CHR5	31128279	CHR5:31128279	SSF x LoA	-5,65806848	0,118	0,319
CHR5	31132473	CHR5:31132473	SSF x LoA	-8,59827309	0,085	0,311
CHR5	311505	CHR5:311505	SSF x LoA	-7,94849919	0,037	0,315
CHR5	31186456	CHR5:31186456	SSF x LoA	-7,65345603	-0,064	0,296
CHR5	31187440	CHR5:31187440	SSF x LoA	-7,04336412	-0,040	0,296
CHR5	31197794	CHR5:31197794	SSF x LoA	-8,22310109	-0,066	0,304
CHR5	31197816	CHR5:31197816	SSF x LoA	-9,5221218	-0,052	0,293
CHR5	31198115	CHR5:31198115	SSF x LoA	-10,5161541	-0,019	0,315
CHR5	3119997	CHR5:3119997	SSF x LoA	-10,0211774	0,013	0,309
CHR5	31202053	CHR5:31202053	SSF x LoA	-9,78010332	0,043	0,320
CHR5	31202172	CHR5:31202172	SSF x LoA	-4,3191943	0,182	0,302
CHR5	31202181	CHR5:31202181	SSF x LoA	-12,0272362	-0,026	0,307
CHR5	31209435	CHR5:31209435	SSF x LoA	-8,24528935	-0,001	0,305
CHR5	31211942	CHR5:31211942	SSF x LoA	-5,5992003	0,181	0,302
CHR5	31213754	CHR5:31213754	SSF x LoA	-8,76096544	0,116	0,313
CHR5	31233272	CHR5:31233272	SSF x LoA	-9,48380734	0,006	0,317
CHR5	31233425	CHR5:31233425	SSF x LoA	-9,29370221	0,060	0,310
CHR5	31233472	CHR5:31233472	SSF x LoA	-10,260354	0,030	0,304
CHR5	31240023	CHR5:31240023	SSF x LoA	-8,35387699	-0,115	0,313
CHR5	31240604	CHR5:31240604	SSF x LoA	-8,27317909	0,035	0,318
CHR5	31240607	CHR5:31240607	SSF x LoA	-8,8178335	0,023	0,306
CHR5	31240645	CHR5:31240645	SSF x LoA	-9,85511912	0,028	0,296
CHR5	3124131	CHR5:3124131	SSF x LoA	-11,7203798	0,041	0,312
CHR5	31270734	CHR5:31270734	SSF x LoA	-8,51917757	-0,088	0,287
CHR5	31278675	CHR5:31278675	SSF x LoA	-9,297161	0,045	0,295
CHR5	31282238	CHR5:31282238	SSF x LoA	-10,9083645	-0,075	0,287
CHR5	31282400	CHR5:31282400	SSF x LoA	-8,34207304	0,103	0,306
CHR5	31289088	CHR5:31289088	SSF x LoA	-8,70350907	-0,040	0,319
CHR5	31289982	CHR5:31289982	SSF x LoA	-11,0410487	0,024	0,324
CHR5	31289989	CHR5:31289989	SSF x LoA	-12,135385	0,009	0,305
CHR5	31290053	CHR5:31290053	SSF x LoA	-11,6471814	-0,002	0,309

CHR5	31294341	CHR5:31294341	SSF x LoA	-9,63756461	-0,054	0,299
CHR5	31321924	CHR5:31321924	SSF x LoA	-9,34725414	-0,012	0,309
CHR5	31321958	CHR5:31321958	SSF x LoA	-10,7354803	0,006	0,297
CHR5	31322105	CHR5:31322105	SSF x LoA	-6,87527376	-0,074	0,305
CHR5	31325721	CHR5:31325721	SSF x LoA	-9,83535163	0,105	0,308
CHR5	31328672	CHR5:31328672	SSF x LoA	-10,0931466	-0,083	0,300
CHR5	31328743	CHR5:31328743	SSF x LoA	-8,59622057	0,013	0,319
CHR5	31329066	CHR5:31329066	SSF x LoA	-7,49246262	-0,063	0,311
CHR5	31329084	CHR5:31329084	SSF x LoA	-7,9008746	-0,029	0,322
CHR5	31329091	CHR5:31329091	SSF x LoA	-7,03954996	0,034	0,319
CHR5	3133033	CHR5:3133033	SSF x LoA	-10,0530442	0,069	0,307
CHR5	31333737	CHR5:31333737	SSF x LoA	-10,7048759	0,042	0,310
CHR5	31335678	CHR5:31335678	SSF x LoA	-9,88574481	0,145	0,295
CHR5	31335712	CHR5:31335712	SSF x LoA	-9,75780818	-0,141	0,307
CHR5	31335855	CHR5:31335855	SSF x LoA	-8,87996424	-0,012	0,306
CHR5	31335856	CHR5:31335856	SSF x LoA	-9,07607525	0,015	0,314
CHR5	31339568	CHR5:31339568	SSF x LoA	-9,62899456	-0,074	0,301
CHR5	31342367	CHR5:31342367	SSF x LoA	-8,23517227	0,075	0,322
CHR5	31342373	CHR5:31342373	SSF x LoA	-7,59214373	-0,030	0,319
CHR5	31342439	CHR5:31342439	SSF x LoA	-4,76652007	-0,186	0,279
CHR5	31342575	CHR5:31342575	SSF x LoA	-10,6189485	-0,007	0,281
CHR5	31342622	CHR5:31342622	SSF x LoA	-11,1579106	-0,111	0,282
CHR5	31352062	CHR5:31352062	SSF x LoA	-9,13473949	0,011	0,308
CHR5	31352079	CHR5:31352079	SSF x LoA	-6,9564692	0,098	0,303
CHR5	31352095	CHR5:31352095	SSF x LoA	-9,98829921	0,004	0,297
CHR5	31355363	CHR5:31355363	SSF x LoA	-6,57250714	-0,162	0,304
CHR5	31355454	CHR5:31355454	SSF x LoA	-5,16636203	0,108	0,298
CHR5	31358360	CHR5:31358360	SSF x LoA	-9,29532928	0,013	0,312
CHR5	31358497	CHR5:31358497	SSF x LoA	-6,88707327	-0,124	0,305
CHR5	31358540	CHR5:31358540	SSF x LoA	-11,5158982	0,046	0,289
CHR5	31358564	CHR5:31358564	SSF x LoA	-2,70595295	-0,092	0,310
CHR5	31358593	CHR5:31358593	SSF x LoA	-10,1664014	0,053	0,322
CHR5	31359494	CHR5:31359494	SSF x LoA	-8,23231088	0,027	0,312
CHR5	31359504	CHR5:31359504	SSF x LoA	-7,57343978	0,170	0,298
CHR5	31359509	CHR5:31359509	SSF x LoA	-5,60561458	0,185	0,301
CHR5	31359523	CHR5:31359523	SSF x LoA	-7,48607175	0,062	0,315
CHR5	31361774	CHR5:31361774	SSF x LoA	-10,957523	0,015	0,299
CHR5	31361904	CHR5:31361904	SSF x LoA	-8,06233234	0,006	0,316
CHR5	31361916	CHR5:31361916	SSF x LoA	-8,16331602	0,003	0,302
CHR5	31361930	CHR5:31361930	SSF x LoA	-11,0951528	-0,001	0,301
CHR5	31370101	CHR5:31370101	SSF x LoA	-5,81474423	-0,028	0,310
CHR5	31370538	CHR5:31370538	SSF x LoA	-9,56315752	0,072	0,309
CHR5	31376886	CHR5:31376886	SSF x LoA	-8,35557509	-0,095	0,314
CHR5	31377230	CHR5:31377230	SSF x LoA	-9,33236887	0,028	0,306
CHR5	31377233	CHR5:31377233	SSF x LoA	-10,1928465	0,054	0,311
CHR5	31379021	CHR5:31379021	SSF x LoA	-9,58212122	-0,010	0,316
CHR5	31379049	CHR5:31379049	SSF x LoA	-8,99747673	-0,040	0,311
CHR5	31379141	CHR5:31379141	SSF x LoA	-7,28227711	-0,085	0,319
CHR5	31383236	CHR5:31383236	SSF x LoA	-8,92115263	0,041	0,316
CHR5	31389655	CHR5:31389655	SSF x LoA	-11,4329425	0,027	0,315
CHR5	31389982	CHR5:31389982	SSF x LoA	-12,0823783	-0,052	0,278
CHR5	31390004	CHR5:31390004	SSF x LoA	-10,2809944	0,072	0,305
CHR5	31390088	CHR5:31390088	SSF x LoA	-8,43214525	0,086	0,307

CHR5	31396788	CHR5:31396788	SSF x LoA	-9,79891869	-0,007	0,294
CHR5	31396797	CHR5:31396797	SSF x LoA	-2,84460453	0,124	0,307
CHR5	3140955	CHR5:3140955	SSF x LoA	-9,58528761	-0,047	0,303
CHR5	3141122	CHR5:3141122	SSF x LoA	-10,9881976	0,054	0,313
CHR5	31416240	CHR5:31416240	SSF x LoA	-10,3795819	0,061	0,311
CHR5	31421382	CHR5:31421382	SSF x LoA	-10,1860337	0,062	0,314
CHR5	31421384	CHR5:31421384	SSF x LoA	-11,1769377	0,007	0,312
CHR5	31421420	CHR5:31421420	SSF x LoA	-9,06362445	-0,059	0,310
CHR5	31421439	CHR5:31421439	SSF x LoA	-9,80172139	-0,088	0,300
CHR5	31421516	CHR5:31421516	SSF x LoA	-9,84166004	0,054	0,298
CHR5	3142555	CHR5:3142555	SSF x LoA	-5,6489668	0,011	0,302
CHR5	3142566	CHR5:3142566	SSF x LoA	-11,7465017	0,009	0,303
CHR5	31425762	CHR5:31425762	SSF x LoA	-10,7183545	-0,001	0,305
CHR5	3142585	CHR5:3142585	SSF x LoA	-9,80817874	0,142	0,309
CHR5	31425915	CHR5:31425915	SSF x LoA	-10,9757871	-0,009	0,313
CHR5	3142620	CHR5:3142620	SSF x LoA	-10,7199024	0,059	0,298
CHR5	3142649	CHR5:3142649	SSF x LoA	0,06982638	0,052	0,311
CHR5	31432208	CHR5:31432208	SSF x LoA	-9,65073628	0,001	0,311
CHR5	31432213	CHR5:31432213	SSF x LoA	-9,24496353	0,037	0,296
CHR5	31432228	CHR5:31432228	SSF x LoA	-10,9863731	-0,045	0,301
CHR5	31432236	CHR5:31432236	SSF x LoA	-10,0288624	0,084	0,303
CHR5	31432272	CHR5:31432272	SSF x LoA	-9,96561449	-0,003	0,318
CHR5	31432277	CHR5:31432277	SSF x LoA	-9,58229029	-0,108	0,306
CHR5	3143257	CHR5:3143257	SSF x LoA	-8,63500877	0,052	0,306
CHR5	3143279	CHR5:3143279	SSF x LoA	-8,47358688	-0,115	0,310
CHR5	31435287	CHR5:31435287	SSF x LoA	-10,883546	-0,135	0,291
CHR5	31443634	CHR5:31443634	SSF x LoA	-1,46936456	-0,009	0,303
CHR5	31443636	CHR5:31443636	SSF x LoA	-10,6726184	-0,075	0,279
CHR5	31447011	CHR5:31447011	SSF x LoA	-8,69468948	-0,088	0,294
CHR5	3145568	CHR5:3145568	SSF x LoA	-9,64844979	0,124	0,309
CHR5	31456895	CHR5:31456895	SSF x LoA	-10,32972	0,066	0,301
CHR5	31457035	CHR5:31457035	SSF x LoA	-8,91413925	0,012	0,317
CHR5	31463616	CHR5:31463616	SSF x LoA	-10,9201269	-0,013	0,314
CHR5	31463737	CHR5:31463737	SSF x LoA	-8,48987139	-0,009	0,330
CHR5	31463809	CHR5:31463809	SSF x LoA	-10,6277544	0,078	0,298
CHR5	31467569	CHR5:31467569	SSF x LoA	-9,37842552	0,061	0,315
CHR5	31467756	CHR5:31467756	SSF x LoA	-10,0929157	0,024	0,301
CHR5	31486494	CHR5:31486494	SSF x LoA	-10,1870146	-0,028	0,292
CHR5	31494622	CHR5:31494622	SSF x LoA	-7,77916861	0,023	0,312
CHR5	31499336	CHR5:31499336	SSF x LoA	-9,33702309	-0,067	0,318
CHR5	31499378	CHR5:31499378	SSF x LoA	-10,2211548	-0,089	0,314
CHR5	31499426	CHR5:31499426	SSF x LoA	-10,2050245	-0,045	0,306
CHR5	31500219	CHR5:31500219	SSF x LoA	-12,43167	0,053	0,299
CHR5	31500323	CHR5:31500323	SSF x LoA	-10,1285067	-0,140	0,298
CHR5	31500389	CHR5:31500389	SSF x LoA	-8,24051853	0,016	0,308
CHR5	3150315	CHR5:3150315	SSF x LoA	-2,85842833	-0,050	0,298
CHR5	31506977	CHR5:31506977	SSF x LoA	-10,734467	0,030	0,302
CHR5	31507004	CHR5:31507004	SSF x LoA	-8,3513226	-0,102	0,310
CHR5	31517243	CHR5:31517243	SSF x LoA	-9,16794684	-0,017	0,321
CHR5	31517244	CHR5:31517244	SSF x LoA	-10,0866454	-0,046	0,313
CHR5	31517250	CHR5:31517250	SSF x LoA	-11,0666452	0,015	0,299
CHR5	31517259	CHR5:31517259	SSF x LoA	-9,62662711	0,039	0,304
CHR5	31517262	CHR5:31517262	SSF x LoA	-10,4874775	-0,026	0,314

CHR5	31517265	CHR5:31517265	SSF x LoA	-11,009383	0,035	0,291
CHR5	31517270	CHR5:31517270	SSF x LoA	-8,65848198	-0,020	0,314
CHR5	31517274	CHR5:31517274	SSF x LoA	-7,45798666	0,106	0,313
CHR5	31517369	CHR5:31517369	SSF x LoA	-12,4809486	0,013	0,290
CHR5	31517421	CHR5:31517421	SSF x LoA	-4,3598691	0,168	0,296
CHR5	31517425	CHR5:31517425	SSF x LoA	-8,47754753	0,051	0,317
CHR5	31517445	CHR5:31517445	SSF x LoA	-9,14979192	-0,046	0,311
CHR5	31517509	CHR5:31517509	SSF x LoA	-3,4164481	0,153	0,296
CHR5	31540161	CHR5:31540161	SSF x LoA	-9,29514517	-0,072	0,308
CHR5	31540249	CHR5:31540249	SSF x LoA	-8,35538346	0,135	0,322
CHR5	31540300	CHR5:31540300	SSF x LoA	-9,46320432	-0,035	0,308
CHR5	31540308	CHR5:31540308	SSF x LoA	-9,69322656	-0,045	0,305
CHR5	31540311	CHR5:31540311	SSF x LoA	-11,370831	0,089	0,299
CHR5	31540383	CHR5:31540383	SSF x LoA	-7,19978848	0,111	0,305
CHR5	31540428	CHR5:31540428	SSF x LoA	-10,6615658	0,021	0,313
CHR5	31540499	CHR5:31540499	SSF x LoA	-1,76950311	-0,021	0,305
CHR5	31543524	CHR5:31543524	SSF x LoA	-5,03671583	-0,194	0,299
CHR5	31543538	CHR5:31543538	SSF x LoA	-9,99432576	-0,029	0,309
CHR5	31543570	CHR5:31543570	SSF x LoA	-9,83531337	-0,035	0,294
CHR5	31545334	CHR5:31545334	SSF x LoA	-7,31272803	-0,074	0,315
CHR5	31545372	CHR5:31545372	SSF x LoA	-4,85019552	0,128	0,312
CHR5	31545428	CHR5:31545428	SSF x LoA	-8,51239915	-0,072	0,288
CHR5	31545492	CHR5:31545492	SSF x LoA	-9,95764389	0,096	0,307
CHR5	31549199	CHR5:31549199	SSF x LoA	-8,15654435	-0,028	0,308
CHR5	31549226	CHR5:31549226	SSF x LoA	-10,7604986	0,157	0,294
CHR5	31573081	CHR5:31573081	SSF x LoA	-10,9985763	0,063	0,312
CHR5	31573126	CHR5:31573126	SSF x LoA	-7,68751422	-0,181	0,295
CHR5	31573224	CHR5:31573224	SSF x LoA	-8,78816051	0,040	0,317
CHR5	31573318	CHR5:31573318	SSF x LoA	-7,19610212	-0,063	0,309
CHR5	31573323	CHR5:31573323	SSF x LoA	-10,3101473	0,046	0,294
CHR5	31577216	CHR5:31577216	SSF x LoA	-9,91711946	0,061	0,307
CHR5	31577280	CHR5:31577280	SSF x LoA	-10,6741152	0,036	0,321
CHR5	31583481	CHR5:31583481	SSF x LoA	-8,72067805	0,083	0,309
CHR5	31587031	CHR5:31587031	SSF x LoA	-8,61508681	0,127	0,304
CHR5	31588708	CHR5:31588708	SSF x LoA	-4,99509328	0,017	0,314
CHR5	31588787	CHR5:31588787	SSF x LoA	-8,45284375	-0,105	0,311
CHR5	31589028	CHR5:31589028	SSF x LoA	-6,59307719	0,049	0,319
CHR5	31591690	CHR5:31591690	SSF x LoA	-9,55392359	-0,080	0,298
CHR5	31611800	CHR5:31611800	SSF x LoA	-9,18427026	-0,101	0,286
CHR5	31611924	CHR5:31611924	SSF x LoA	-9,504983	0,065	0,311
CHR5	31611992	CHR5:31611992	SSF x LoA	-10,7384239	0,011	0,300
CHR5	31621658	CHR5:31621658	SSF x LoA	-11,7055812	-0,061	0,302
CHR5	31621696	CHR5:31621696	SSF x LoA	-10,0315586	0,021	0,288
CHR5	31621699	CHR5:31621699	SSF x LoA	-9,14193958	0,130	0,299
CHR5	316266	CHR5:316266	SSF x LoA	-8,27979079	0,033	0,304
CHR5	316295	CHR5:316295	SSF x LoA	-9,6722968	-0,067	0,299
CHR5	31635709	CHR5:31635709	SSF x LoA	-5,8441446	0,126	0,306
CHR5	31648344	CHR5:31648344	SSF x LoA	-9,95856194	-0,089	0,303
CHR5	31648346	CHR5:31648346	SSF x LoA	-4,25359803	-0,064	0,309
CHR5	31648350	CHR5:31648350	SSF x LoA	-6,42849055	0,044	0,308
CHR5	31648514	CHR5:31648514	SSF x LoA	-8,4471388	-0,105	0,312
CHR5	31648515	CHR5:31648515	SSF x LoA	-11,5679275	-0,091	0,314
CHR5	31648528	CHR5:31648528	SSF x LoA	-9,37970018	-0,017	0,298

CHR5	3164955	CHR5:3164955	SSF x LoA	-4,53361328	-0,077	0,300
CHR5	31650722	CHR5:31650722	SSF x LoA	-10,1289287	-0,039	0,289
CHR5	31650960	CHR5:31650960	SSF x LoA	-9,25562289	-0,049	0,306
CHR5	31652524	CHR5:31652524	SSF x LoA	-7,61480278	0,071	0,302
CHR5	31654951	CHR5:31654951	SSF x LoA	-11,6234568	-0,031	0,310
CHR5	31654984	CHR5:31654984	SSF x LoA	-8,16663805	0,035	0,317
CHR5	31654995	CHR5:31654995	SSF x LoA	-9,90554058	0,075	0,311
CHR5	31655002	CHR5:31655002	SSF x LoA	-10,2533805	-0,029	0,290
CHR5	31655004	CHR5:31655004	SSF x LoA	-10,2144157	-0,013	0,299
CHR5	31659668	CHR5:31659668	SSF x LoA	-6,39039539	-0,101	0,301
CHR5	31659669	CHR5:31659669	SSF x LoA	-9,96891636	-0,063	0,310
CHR5	31669887	CHR5:31669887	SSF x LoA	-9,67205162	0,077	0,318
CHR5	31669999	CHR5:31669999	SSF x LoA	-9,73197236	-0,013	0,304
CHR5	31670001	CHR5:31670001	SSF x LoA	-7,57747629	0,029	0,315
CHR5	31672217	CHR5:31672217	SSF x LoA	-8,39799448	0,156	0,308
CHR5	31672224	CHR5:31672224	SSF x LoA	-10,09863	-0,003	0,304
CHR5	3168304	CHR5:3168304	SSF x LoA	-9,31784577	0,017	0,311
CHR5	31684954	CHR5:31684954	SSF x LoA	-9,15402591	0,066	0,309
CHR5	31685022	CHR5:31685022	SSF x LoA	-11,9989204	-0,044	0,305
CHR5	31693469	CHR5:31693469	SSF x LoA	-11,1586203	0,000	0,312
CHR5	31693652	CHR5:31693652	SSF x LoA	-10,0262931	-0,043	0,329
CHR5	31710609	CHR5:31710609	SSF x LoA	-5,80205162	0,167	0,307
CHR5	31710660	CHR5:31710660	SSF x LoA	-11,8600436	-0,002	0,313
CHR5	31710680	CHR5:31710680	SSF x LoA	-9,16118956	-0,070	0,309
CHR5	31710694	CHR5:31710694	SSF x LoA	-9,5774689	0,030	0,294
CHR5	31710733	CHR5:31710733	SSF x LoA	-8,19231978	0,113	0,303
CHR5	31710760	CHR5:31710760	SSF x LoA	-8,48851634	-0,041	0,310
CHR5	31710765	CHR5:31710765	SSF x LoA	-6,99580768	-0,058	0,318
CHR5	31710769	CHR5:31710769	SSF x LoA	-9,66230393	-0,067	0,304
CHR5	31713032	CHR5:31713032	SSF x LoA	-5,67876495	0,151	0,303
CHR5	31713049	CHR5:31713049	SSF x LoA	-10,8418301	0,021	0,297
CHR5	31713211	CHR5:31713211	SSF x LoA	-7,15547477	0,075	0,294
CHR5	31713269	CHR5:31713269	SSF x LoA	3,68945601	0,006	0,319
CHR5	31728114	CHR5:31728114	SSF x LoA	-10,947779	-0,037	0,312
CHR5	31733340	CHR5:31733340	SSF x LoA	-9,13890975	-0,039	0,292
CHR5	31734700	CHR5:31734700	SSF x LoA	-8,78458331	0,018	0,299
CHR5	31736407	CHR5:31736407	SSF x LoA	-10,3530119	-0,001	0,313
CHR5	31738351	CHR5:31738351	SSF x LoA	-11,5982211	-0,020	0,307
CHR5	31738356	CHR5:31738356	SSF x LoA	-7,83244399	-0,029	0,307
CHR5	31738460	CHR5:31738460	SSF x LoA	-4,44808791	-0,059	0,294
CHR5	31748465	CHR5:31748465	SSF x LoA	-9,45694958	0,092	0,304
CHR5	31748570	CHR5:31748570	SSF x LoA	-11,4444712	0,037	0,304
CHR5	31760899	CHR5:31760899	SSF x LoA	-10,4660009	-0,103	0,307
CHR5	31760997	CHR5:31760997	SSF x LoA	-9,816612	-0,105	0,302
CHR5	31768288	CHR5:31768288	SSF x LoA	-6,32347473	0,005	0,300
CHR5	31768389	CHR5:31768389	SSF x LoA	-8,95585942	-0,005	0,287
CHR5	31771455	CHR5:31771455	SSF x LoA	-2,37200079	0,092	0,302
CHR5	31771524	CHR5:31771524	SSF x LoA	-9,98938148	-0,034	0,309
CHR5	31771539	CHR5:31771539	SSF x LoA	-9,1926076	0,043	0,312
CHR5	31771639	CHR5:31771639	SSF x LoA	-8,32670642	-0,037	0,318
CHR5	31773674	CHR5:31773674	SSF x LoA	-11,2812839	0,029	0,306
CHR5	31773845	CHR5:31773845	SSF x LoA	-9,87677023	-0,018	0,312
CHR5	31795633	CHR5:31795633	SSF x LoA	-9,17541815	-0,017	0,285

CHR5	31795656	CHR5:31795656	SSF x LoA	-6,82115993	0,044	0,308
CHR5	31797824	CHR5:31797824	SSF x LoA	-10,3977691	-0,029	0,304
CHR5	31797860	CHR5:31797860	SSF x LoA	-7,14756645	-0,097	0,313
CHR5	31797945	CHR5:31797945	SSF x LoA	-9,34183434	-0,041	0,297
CHR5	31815061	CHR5:31815061	SSF x LoA	-8,20401488	-0,021	0,292
CHR5	3182242	CHR5:3182242	SSF x LoA	-11,1633668	0,020	0,316
CHR5	3182280	CHR5:3182280	SSF x LoA	-9,34307201	-0,030	0,317
CHR5	3182281	CHR5:3182281	SSF x LoA	-7,22769183	0,046	0,307
CHR5	3182286	CHR5:3182286	SSF x LoA	-10,777676	-0,035	0,303
CHR5	3182294	CHR5:3182294	SSF x LoA	-10,229919	0,055	0,310
CHR5	3182316	CHR5:3182316	SSF x LoA	-8,42849014	-0,003	0,313
CHR5	3182336	CHR5:3182336	SSF x LoA	-11,1627976	0,038	0,303
CHR5	3182348	CHR5:3182348	SSF x LoA	-10,0729262	0,082	0,315
CHR5	31827329	CHR5:31827329	SSF x LoA	-5,28981243	0,087	0,315
CHR5	31827349	CHR5:31827349	SSF x LoA	-6,06283673	0,123	0,322
CHR5	31830005	CHR5:31830005	SSF x LoA	-8,99852776	-0,086	0,307
CHR5	31830088	CHR5:31830088	SSF x LoA	-11,1101866	-0,056	0,304
CHR5	31845481	CHR5:31845481	SSF x LoA	-7,83528557	-0,065	0,303
CHR5	3185580	CHR5:3185580	SSF x LoA	-11,3316222	0,015	0,312
CHR5	3185636	CHR5:3185636	SSF x LoA	-10,0786385	0,072	0,318
CHR5	3185643	CHR5:3185643	SSF x LoA	-11,636691	0,021	0,324
CHR5	3185647	CHR5:3185647	SSF x LoA	-11,6261315	-0,014	0,310
CHR5	31856938	CHR5:31856938	SSF x LoA	-7,75925991	0,068	0,314
CHR5	31856972	CHR5:31856972	SSF x LoA	-9,58279087	-0,016	0,293
CHR5	31857005	CHR5:31857005	SSF x LoA	-9,88221488	-0,076	0,313
CHR5	31857079	CHR5:31857079	SSF x LoA	-10,0013268	0,072	0,306
CHR5	31857162	CHR5:31857162	SSF x LoA	4,287788	0,074	0,305
CHR5	3185747	CHR5:3185747	SSF x LoA	-11,6914855	-0,029	0,309
CHR5	31870569	CHR5:31870569	SSF x LoA	-9,25276849	0,155	0,303
CHR5	31870758	CHR5:31870758	SSF x LoA	-10,0357728	0,033	0,324
CHR5	3194726	CHR5:3194726	SSF x LoA	-9,55466421	-0,076	0,288
CHR5	3194733	CHR5:3194733	SSF x LoA	-10,6322149	-0,096	0,303
CHR5	3194735	CHR5:3194735	SSF x LoA	-6,87955462	0,156	0,296
CHR5	31949748	CHR5:31949748	SSF x LoA	-11,6333242	0,010	0,311
CHR5	31962882	CHR5:31962882	SSF x LoA	-9,43546064	-0,105	0,312
CHR5	31963358	CHR5:31963358	SSF x LoA	-10,3836771	-0,027	0,299
CHR5	3196925	CHR5:3196925	SSF x LoA	-8,00376162	-0,014	0,309
CHR5	31979207	CHR5:31979207	SSF x LoA	-7,58175933	0,096	0,304
CHR5	31979222	CHR5:31979222	SSF x LoA	-8,66544234	0,042	0,304
CHR5	31979238	CHR5:31979238	SSF x LoA	-8,67490506	0,077	0,317
CHR5	31979271	CHR5:31979271	SSF x LoA	-9,05181151	0,088	0,309
CHR5	31979283	CHR5:31979283	SSF x LoA	-6,75910745	0,080	0,310
CHR5	31979296	CHR5:31979296	SSF x LoA	-9,65697407	0,067	0,309
CHR5	31979325	CHR5:31979325	SSF x LoA	-7,25770737	0,021	0,300
CHR5	31979328	CHR5:31979328	SSF x LoA	-9,00298771	0,065	0,313
CHR5	32000759	CHR5:32000759	SSF x LoA	-10,0133587	-0,047	0,286
CHR5	32006339	CHR5:32006339	SSF x LoA	-7,4554207	0,047	0,302
CHR5	32006341	CHR5:32006341	SSF x LoA	-5,15989185	0,057	0,303
CHR5	32006343	CHR5:32006343	SSF x LoA	-8,23627493	0,039	0,294
CHR5	32021267	CHR5:32021267	SSF x LoA	-9,64581993	-0,003	0,307
CHR5	3203331	CHR5:3203331	SSF x LoA	-7,17467245	-0,042	0,309
CHR5	3203607	CHR5:3203607	SSF x LoA	-8,56144802	-0,112	0,305
CHR5	3203630	CHR5:3203630	SSF x LoA	-0,44620074	0,164	0,298

CHR5	32037703	CHR5:32037703	SSF x LoA	-10,9078974	-0,060	0,305
CHR5	32051331	CHR5:32051331	SSF x LoA	-7,6924971	0,052	0,312
CHR5	32055160	CHR5:32055160	SSF x LoA	-8,25723068	-0,091	0,318
CHR5	32062221	CHR5:32062221	SSF x LoA	-9,67114995	0,021	0,301
CHR5	32062362	CHR5:32062362	SSF x LoA	-8,86422579	-0,006	0,318
CHR5	32062371	CHR5:32062371	SSF x LoA	-10,220327	0,009	0,301
CHR5	32062372	CHR5:32062372	SSF x LoA	-10,3253474	-0,045	0,310
CHR5	3206362	CHR5:3206362	SSF x LoA	-9,98126256	0,019	0,315
CHR5	3206439	CHR5:3206439	SSF x LoA	-11,2639362	0,060	0,292
CHR5	3206474	CHR5:3206474	SSF x LoA	-9,86699537	-0,006	0,317
CHR5	3206481	CHR5:3206481	SSF x LoA	-8,45773051	-0,008	0,319
CHR5	32075341	CHR5:32075341	SSF x LoA	-9,02064417	0,042	0,315
CHR5	32075342	CHR5:32075342	SSF x LoA	-11,4360682	0,005	0,301
CHR5	32075344	CHR5:32075344	SSF x LoA	-8,92724648	0,052	0,309
CHR5	32075377	CHR5:32075377	SSF x LoA	-5,65285315	0,051	0,305
CHR5	32075584	CHR5:32075584	SSF x LoA	-8,96858989	0,049	0,328
CHR5	32082681	CHR5:32082681	SSF x LoA	-11,0419458	0,022	0,313
CHR5	32090589	CHR5:32090589	SSF x LoA	-9,72091905	-0,006	0,300
CHR5	32090821	CHR5:32090821	SSF x LoA	-6,85575298	0,147	0,300
CHR5	32090835	CHR5:32090835	SSF x LoA	-7,78978384	0,006	0,319
CHR5	32092294	CHR5:32092294	SSF x LoA	-7,74162408	-0,030	0,306
CHR5	32094640	CHR5:32094640	SSF x LoA	-8,97681485	0,051	0,288
CHR5	32094667	CHR5:32094667	SSF x LoA	-2,46999369	-0,008	0,307
CHR5	32094672	CHR5:32094672	SSF x LoA	-8,37957444	0,078	0,303
CHR5	32097093	CHR5:32097093	SSF x LoA	-8,91869852	-0,006	0,308
CHR5	32097096	CHR5:32097096	SSF x LoA	-7,37537168	0,036	0,294
CHR5	32097098	CHR5:32097098	SSF x LoA	-8,794255	0,010	0,303
CHR5	32097159	CHR5:32097159	SSF x LoA	-8,55825404	-0,012	0,291
CHR5	32102569	CHR5:32102569	SSF x LoA	-9,82972737	-0,060	0,309
CHR5	32102666	CHR5:32102666	SSF x LoA	-10,2700433	-0,015	0,312
CHR5	3210924	CHR5:3210924	SSF x LoA	-10,2407272	0,026	0,309
CHR5	3211176	CHR5:3211176	SSF x LoA	-8,09781045	-0,037	0,309
CHR5	3211199	CHR5:3211199	SSF x LoA	-10,2025341	-0,053	0,306
CHR5	32114077	CHR5:32114077	SSF x LoA	-11,5612408	0,029	0,303
CHR5	32114087	CHR5:32114087	SSF x LoA	-10,2735786	0,004	0,315
CHR5	32118175	CHR5:32118175	SSF x LoA	-8,84345807	0,074	0,313
CHR5	32118180	CHR5:32118180	SSF x LoA	-9,40872937	0,080	0,313
CHR5	32118274	CHR5:32118274	SSF x LoA	-7,46432981	0,009	0,320
CHR5	3212267	CHR5:3212267	SSF x LoA	-9,66795443	-0,125	0,306
CHR5	3212271	CHR5:3212271	SSF x LoA	-10,5486328	0,111	0,293
CHR5	3212278	CHR5:3212278	SSF x LoA	-11,0711192	-0,064	0,310
CHR5	3212304	CHR5:3212304	SSF x LoA	-11,4430933	0,085	0,319
CHR5	32123107	CHR5:32123107	SSF x LoA	-10,1564381	0,066	0,310
CHR5	32123125	CHR5:32123125	SSF x LoA	-8,6588526	0,017	0,296
CHR5	32123201	CHR5:32123201	SSF x LoA	-7,95784536	-0,027	0,314
CHR5	3212465	CHR5:3212465	SSF x LoA	-7,71122232	0,004	0,311
CHR5	32132958	CHR5:32132958	SSF x LoA	-9,56304827	0,096	0,294
CHR5	32140144	CHR5:32140144	SSF x LoA	-9,49246913	-0,036	0,309
CHR5	32140180	CHR5:32140180	SSF x LoA	-7,45545674	-0,093	0,291
CHR5	32140196	CHR5:32140196	SSF x LoA	-10,3247771	0,075	0,317
CHR5	32140201	CHR5:32140201	SSF x LoA	-10,1002862	-0,048	0,298
CHR5	32140231	CHR5:32140231	SSF x LoA	-11,2786181	-0,066	0,302
CHR5	32143559	CHR5:32143559	SSF x LoA	-9,68581468	-0,049	0,306

CHR5	32143594	CHR5:32143594	SSF x LoA	-10,81347	0,064	0,310
CHR5	32143665	CHR5:32143665	SSF x LoA	-11,6402718	0,002	0,304
CHR5	32143666	CHR5:32143666	SSF x LoA	-10,33838	-0,002	0,301
CHR5	32143667	CHR5:32143667	SSF x LoA	-10,6852677	0,029	0,295
CHR5	32143727	CHR5:32143727	SSF x LoA	-10,2273804	-0,039	0,296
CHR5	32147493	CHR5:32147493	SSF x LoA	-8,7361797	0,062	0,315
CHR5	32147581	CHR5:32147581	SSF x LoA	-6,07185592	0,153	0,304
CHR5	32147651	CHR5:32147651	SSF x LoA	-11,1033374	0,003	0,285
CHR5	32147663	CHR5:32147663	SSF x LoA	-10,3949997	0,009	0,308
CHR5	32151091	CHR5:32151091	SSF x LoA	-8,55669745	0,105	0,291
CHR5	32151910	CHR5:32151910	SSF x LoA	-3,11649273	0,038	0,308
CHR5	32155481	CHR5:32155481	SSF x LoA	-7,48040421	-0,028	0,327
CHR5	32155489	CHR5:32155489	SSF x LoA	-8,06512936	-0,014	0,323
CHR5	32155491	CHR5:32155491	SSF x LoA	-1,24171486	-0,020	0,313
CHR5	32190015	CHR5:32190015	SSF x LoA	-10,9127685	0,043	0,304
CHR5	32190918	CHR5:32190918	SSF x LoA	-10,680633	-0,003	0,310
CHR5	32201366	CHR5:32201366	SSF x LoA	-9,21645063	0,035	0,310
CHR5	3220333	CHR5:3220333	SSF x LoA	-11,0202001	-0,043	0,298
CHR5	3220529	CHR5:3220529	SSF x LoA	-9,79928289	0,014	0,308
CHR5	3220547	CHR5:3220547	SSF x LoA	-10,8385954	-0,111	0,296
CHR5	32212603	CHR5:32212603	SSF x LoA	-8,13877172	0,011	0,294
CHR5	32212650	CHR5:32212650	SSF x LoA	-10,7173025	-0,090	0,319
CHR5	32216332	CHR5:32216332	SSF x LoA	-7,75766669	-0,028	0,312
CHR5	32233828	CHR5:32233828	SSF x LoA	-9,01235543	-0,012	0,304
CHR5	32233873	CHR5:32233873	SSF x LoA	-10,7968142	0,021	0,299
CHR5	32233899	CHR5:32233899	SSF x LoA	-9,92074469	-0,030	0,309
CHR5	3223407	CHR5:3223407	SSF x LoA	-6,25225699	-0,140	0,310
CHR5	32235116	CHR5:32235116	SSF x LoA	-8,32191756	0,029	0,300
CHR5	32235179	CHR5:32235179	SSF x LoA	-10,2476728	-0,011	0,293
CHR5	32235184	CHR5:32235184	SSF x LoA	-11,3977342	0,009	0,299
CHR5	32235191	CHR5:32235191	SSF x LoA	-9,08283226	0,052	0,297
CHR5	32235211	CHR5:32235211	SSF x LoA	-8,78297399	0,009	0,306
CHR5	3223558	CHR5:3223558	SSF x LoA	-9,99829627	0,088	0,311
CHR5	3223573	CHR5:3223573	SSF x LoA	-5,03952616	-0,226	0,293
CHR5	3223601	CHR5:3223601	SSF x LoA	-9,78277416	0,041	0,318
CHR5	3223626	CHR5:3223626	SSF x LoA	-10,2086913	0,035	0,313
CHR5	3223642	CHR5:3223642	SSF x LoA	-7,89980284	0,086	0,305
CHR5	3223647	CHR5:3223647	SSF x LoA	-2,64257448	0,108	0,307
CHR5	3223663	CHR5:3223663	SSF x LoA	-9,478526	0,067	0,286
CHR5	3223719	CHR5:3223719	SSF x LoA	-9,47073067	0,065	0,306
CHR5	32250945	CHR5:32250945	SSF x LoA	-7,6996518	0,172	0,293
CHR5	32250989	CHR5:32250989	SSF x LoA	-7,42561207	-0,163	0,304
CHR5	32255655	CHR5:32255655	SSF x LoA	-9,41542402	-0,115	0,302
CHR5	32255678	CHR5:32255678	SSF x LoA	-11,0955465	0,024	0,311
CHR5	32255753	CHR5:32255753	SSF x LoA	-8,27369152	-0,020	0,318
CHR5	32270004	CHR5:32270004	SSF x LoA	-1,18522097	0,050	0,304
CHR5	32270005	CHR5:32270005	SSF x LoA	-8,62835079	0,064	0,294
CHR5	32270044	CHR5:32270044	SSF x LoA	-10,3644776	0,062	0,303
CHR5	32270060	CHR5:32270060	SSF x LoA	-8,17890288	0,000	0,311
CHR5	32286427	CHR5:32286427	SSF x LoA	-9,85798666	-0,133	0,294
CHR5	32295075	CHR5:32295075	SSF x LoA	-7,93806916	0,032	0,309
CHR5	32295076	CHR5:32295076	SSF x LoA	-8,94481138	0,017	0,301
CHR5	32297818	CHR5:32297818	SSF x LoA	-7,83131909	-0,166	0,306

CHR5	32297885	CHR5:32297885	SSF x LoA	-8,72550758	0,117	0,285
CHR5	32297921	CHR5:32297921	SSF x LoA	-8,25333381	0,157	0,287
CHR5	32309131	CHR5:32309131	SSF x LoA	-10,1034805	-0,034	0,315
CHR5	32309170	CHR5:32309170	SSF x LoA	-9,33173355	0,045	0,311
CHR5	32309184	CHR5:32309184	SSF x LoA	-5,20504155	-0,051	0,299
CHR5	32325971	CHR5:32325971	SSF x LoA	-10,8823268	0,011	0,297
CHR5	32330557	CHR5:32330557	SSF x LoA	-11,6133524	0,015	0,311
CHR5	32330656	CHR5:32330656	SSF x LoA	-11,7547104	0,038	0,313
CHR5	32332226	CHR5:32332226	SSF x LoA	-8,20982984	0,059	0,305
CHR5	32334689	CHR5:32334689	SSF x LoA	-11,5151226	-0,005	0,299
CHR5	32334704	CHR5:32334704	SSF x LoA	-7,79797887	0,111	0,296
CHR5	32334754	CHR5:32334754	SSF x LoA	-9,47627233	0,068	0,308
CHR5	3233933	CHR5:3233933	SSF x LoA	-10,6778953	-0,024	0,316
CHR5	3233965	CHR5:3233965	SSF x LoA	-9,03688895	-0,006	0,310
CHR5	3234129	CHR5:3234129	SSF x LoA	-8,64131658	-0,018	0,304
CHR5	32343633	CHR5:32343633	SSF x LoA	-8,57907188	0,099	0,306
CHR5	32344860	CHR5:32344860	SSF x LoA	-8,26863348	-0,043	0,310
CHR5	32344905	CHR5:32344905	SSF x LoA	-11,2275349	-0,065	0,300
CHR5	323497	CHR5:323497	SSF x LoA	-8,90549725	0,029	0,305
CHR5	323526	CHR5:323526	SSF x LoA	-7,11536958	0,061	0,295
CHR5	3235745	CHR5:3235745	SSF x LoA	-5,70732491	-0,089	0,308
CHR5	3235889	CHR5:3235889	SSF x LoA	-10,9975999	-0,057	0,295
CHR5	323592	CHR5:323592	SSF x LoA	-8,00459972	-0,003	0,330
CHR5	3235960	CHR5:3235960	SSF x LoA	-9,12567698	0,052	0,311
CHR5	32364342	CHR5:32364342	SSF x LoA	0,67763722	-0,070	0,307
CHR5	32364656	CHR5:32364656	SSF x LoA	-10,585556	0,034	0,307
CHR5	32371348	CHR5:32371348	SSF x LoA	-10,1032372	-0,018	0,293
CHR5	32373615	CHR5:32373615	SSF x LoA	-10,4363	0,022	0,306
CHR5	32392742	CHR5:32392742	SSF x LoA	-10,6883454	-0,008	0,312
CHR5	32392862	CHR5:32392862	SSF x LoA	-8,85851097	0,136	0,307
CHR5	32392940	CHR5:32392940	SSF x LoA	-10,081273	0,094	0,294
CHR5	32392961	CHR5:32392961	SSF x LoA	-8,45459804	-0,086	0,307
CHR5	32395620	CHR5:32395620	SSF x LoA	-9,5717383	-0,073	0,291
CHR5	32395647	CHR5:32395647	SSF x LoA	-9,39335937	-0,104	0,306
CHR5	32395768	CHR5:32395768	SSF x LoA	-11,2396648	0,060	0,300
CHR5	32395772	CHR5:32395772	SSF x LoA	0,56395409	0,156	0,302
CHR5	32395773	CHR5:32395773	SSF x LoA	-6,4579257	0,157	0,296
CHR5	32395788	CHR5:32395788	SSF x LoA	-8,48177369	0,151	0,294
CHR5	32402477	CHR5:32402477	SSF x LoA	-11,181607	0,125	0,307
CHR5	32417422	CHR5:32417422	SSF x LoA	-9,44398554	-0,028	0,301
CHR5	32417554	CHR5:32417554	SSF x LoA	-10,8623965	0,058	0,303
CHR5	32474229	CHR5:32474229	SSF x LoA	-7,35985408	0,130	0,299
CHR5	32524897	CHR5:32524897	SSF x LoA	-8,53334042	0,061	0,310
CHR5	32524944	CHR5:32524944	SSF x LoA	-10,3847201	0,033	0,302
CHR5	32525068	CHR5:32525068	SSF x LoA	-9,6669691	0,178	0,303
CHR5	3252869	CHR5:3252869	SSF x LoA	-4,88783189	0,024	0,308
CHR5	32531416	CHR5:32531416	SSF x LoA	-10,583453	0,047	0,292
CHR5	32580201	CHR5:32580201	SSF x LoA	-8,13134143	0,034	0,302
CHR5	32585497	CHR5:32585497	SSF x LoA	-11,3700583	0,022	0,312
CHR5	32585533	CHR5:32585533	SSF x LoA	-9,38898119	0,065	0,326
CHR5	32604979	CHR5:32604979	SSF x LoA	-9,00632781	-0,078	0,314
CHR5	32605045	CHR5:32605045	SSF x LoA	-6,3610515	-0,070	0,316
CHR5	32616471	CHR5:32616471	SSF x LoA	-9,72244943	-0,135	0,298

CHR5	32623096	CHR5:32623096	SSF x LoA	-12,0596638	-0,063	0,302
CHR5	32635227	CHR5:32635227	SSF x LoA	-6,71192547	0,024	0,325
CHR5	32638944	CHR5:32638944	SSF x LoA	-9,05447586	-0,091	0,311
CHR5	32638985	CHR5:32638985	SSF x LoA	-10,8245834	-0,062	0,307
CHR5	32642570	CHR5:32642570	SSF x LoA	-10,2752083	-0,029	0,295
CHR5	32642768	CHR5:32642768	SSF x LoA	-10,0839163	-0,005	0,304
CHR5	32651525	CHR5:32651525	SSF x LoA	-8,14292042	-0,064	0,307
CHR5	32651607	CHR5:32651607	SSF x LoA	-10,1415576	0,109	0,301
CHR5	3269862	CHR5:3269862	SSF x LoA	-10,3712788	-0,079	0,309
CHR5	3272496	CHR5:3272496	SSF x LoA	-9,91882361	0,021	0,314
CHR5	3272507	CHR5:3272507	SSF x LoA	-9,01501967	-0,065	0,292
CHR5	3273246	CHR5:3273246	SSF x LoA	-9,79415223	-0,017	0,307
CHR5	3275451	CHR5:3275451	SSF x LoA	-9,40116143	0,050	0,311
CHR5	3275453	CHR5:3275453	SSF x LoA	-7,71550898	-0,093	0,300
CHR5	3276281	CHR5:3276281	SSF x LoA	-4,40432514	0,008	0,315
CHR5	3276346	CHR5:3276346	SSF x LoA	-7,78081763	-0,002	0,323
CHR5	3277420	CHR5:3277420	SSF x LoA	-9,42493142	-0,022	0,300
CHR5	3277484	CHR5:3277484	SSF x LoA	-7,90685493	0,140	0,307
CHR5	3277486	CHR5:3277486	SSF x LoA	-4,80552499	0,106	0,298
CHR5	3277511	CHR5:3277511	SSF x LoA	-11,1814393	-0,020	0,301
CHR5	3277529	CHR5:3277529	SSF x LoA	-10,7304224	0,032	0,306
CHR5	3279036	CHR5:3279036	SSF x LoA	-9,22107372	-0,115	0,316
CHR5	3288586	CHR5:3288586	SSF x LoA	-7,97301994	0,066	0,321
CHR5	3288641	CHR5:3288641	SSF x LoA	-10,4422662	0,082	0,302
CHR5	3288647	CHR5:3288647	SSF x LoA	-10,3620294	0,023	0,314
CHR5	3288757	CHR5:3288757	SSF x LoA	-8,25569045	0,073	0,311
CHR5	3291225	CHR5:3291225	SSF x LoA	-9,63093521	-0,039	0,303
CHR5	3297545	CHR5:3297545	SSF x LoA	-5,52946808	0,114	0,300
CHR5	3298446	CHR5:3298446	SSF x LoA	-11,2478277	-0,029	0,295
CHR5	3298479	CHR5:3298479	SSF x LoA	-1,76027589	0,005	0,289
CHR5	3298495	CHR5:3298495	SSF x LoA	-7,65710621	0,063	0,312
CHR5	3298526	CHR5:3298526	SSF x LoA	-7,72739055	0,041	0,306
CHR5	3298596	CHR5:3298596	SSF x LoA	-9,87510032	-0,083	0,301
CHR5	329894	CHR5:329894	SSF x LoA	-9,64194354	0,027	0,309
CHR5	330056	CHR5:330056	SSF x LoA	-9,02280683	-0,098	0,314
CHR5	330096	CHR5:330096	SSF x LoA	-10,0886189	-0,117	0,297
CHR5	3306897	CHR5:3306897	SSF x LoA	-9,10571802	0,020	0,297
CHR5	3308340	CHR5:3308340	SSF x LoA	-9,71960386	0,087	0,307
CHR5	3308344	CHR5:3308344	SSF x LoA	-7,84892786	-0,034	0,318
CHR5	3308361	CHR5:3308361	SSF x LoA	-9,23490361	0,018	0,319
CHR5	3308370	CHR5:3308370	SSF x LoA	-9,66939779	0,034	0,314
CHR5	3308380	CHR5:3308380	SSF x LoA	-10,0668459	-0,009	0,308
CHR5	3315483	CHR5:3315483	SSF x LoA	-7,79586311	-0,070	0,305
CHR5	3320788	CHR5:3320788	SSF x LoA	-8,3688169	-0,077	0,305
CHR5	3320790	CHR5:3320790	SSF x LoA	-8,99582081	0,114	0,297
CHR5	3322317	CHR5:3322317	SSF x LoA	-7,41290632	0,056	0,308
CHR5	3326996	CHR5:3326996	SSF x LoA	-11,8193654	0,028	0,301
CHR5	3327053	CHR5:3327053	SSF x LoA	-8,96382799	0,076	0,296
CHR5	3327069	CHR5:3327069	SSF x LoA	-10,0718423	-0,042	0,310
CHR5	3327089	CHR5:3327089	SSF x LoA	-10,9412796	0,092	0,315
CHR5	3327091	CHR5:3327091	SSF x LoA	-9,11322851	0,022	0,311
CHR5	3327122	CHR5:3327122	SSF x LoA	-8,4483763	-0,024	0,309
CHR5	3327127	CHR5:3327127	SSF x LoA	-7,31353617	-0,035	0,299

CHR5	3327184	CHR5:3327184	SSF x LoA	-9,00760907	-0,018	0,286
CHR5	3327192	CHR5:3327192	SSF x LoA	-9,15591213	-0,027	0,303
CHR5	333586	CHR5:333586	SSF x LoA	-9,51622629	0,027	0,299
CHR5	333593	CHR5:333593	SSF x LoA	-8,11450162	-0,050	0,309
CHR5	333754	CHR5:333754	SSF x LoA	-9,14863705	-0,121	0,316
CHR5	3350552	CHR5:3350552	SSF x LoA	-7,51079365	0,122	0,305
CHR5	3350553	CHR5:3350553	SSF x LoA	-7,97927186	0,124	0,308
CHR5	3350641	CHR5:3350641	SSF x LoA	-10,1344207	-0,083	0,298
CHR5	3355874	CHR5:3355874	SSF x LoA	-10,8991341	0,021	0,299
CHR5	3355895	CHR5:3355895	SSF x LoA	-10,0992734	0,053	0,292
CHR5	3356909	CHR5:3356909	SSF x LoA	-9,63109387	0,124	0,298
CHR5	3368887	CHR5:3368887	SSF x LoA	-7,46626808	-0,027	0,313
CHR5	3368889	CHR5:3368889	SSF x LoA	-6,66498157	0,047	0,315
CHR5	3368922	CHR5:3368922	SSF x LoA	-8,91959791	0,093	0,294
CHR5	3368949	CHR5:3368949	SSF x LoA	-8,61055995	-0,212	0,298
CHR5	3368951	CHR5:3368951	SSF x LoA	-8,97825056	-0,065	0,305
CHR5	3368990	CHR5:3368990	SSF x LoA	-3,00683906	-0,208	0,294
CHR5	3369657	CHR5:3369657	SSF x LoA	-9,00697399	0,006	0,302
CHR5	3369786	CHR5:3369786	SSF x LoA	-9,67182084	0,020	0,300
CHR5	33714	CHR5:33714	SSF x LoA	-10,7933386	-0,094	0,314
CHR5	3379257	CHR5:3379257	SSF x LoA	-9,77974113	0,017	0,294
CHR5	3379327	CHR5:3379327	SSF x LoA	-7,9957138	0,010	0,307
CHR5	3381819	CHR5:3381819	SSF x LoA	-10,1343642	-0,001	0,314
CHR5	3381844	CHR5:3381844	SSF x LoA	-7,89966025	-0,036	0,309
CHR5	3381917	CHR5:3381917	SSF x LoA	-9,03593735	0,024	0,314
CHR5	3381948	CHR5:3381948	SSF x LoA	-8,48302099	-0,028	0,315
CHR5	3383567	CHR5:3383567	SSF x LoA	-9,92683974	0,012	0,316
CHR5	3383697	CHR5:3383697	SSF x LoA	-9,52998067	-0,041	0,307
CHR5	3383713	CHR5:3383713	SSF x LoA	-10,261546	-0,095	0,308
CHR5	3383761	CHR5:3383761	SSF x LoA	-9,71052832	0,043	0,303
CHR5	3383778	CHR5:3383778	SSF x LoA	-6,62351612	-0,110	0,312
CHR5	3394927	CHR5:3394927	SSF x LoA	-8,38044354	0,007	0,308
CHR5	3395014	CHR5:3395014	SSF x LoA	-9,71030954	0,158	0,298
CHR5	3395137	CHR5:3395137	SSF x LoA	-8,02938326	0,081	0,317
CHR5	3395191	CHR5:3395191	SSF x LoA	-2,75151806	0,222	0,302
CHR5	3411163	CHR5:3411163	SSF x LoA	-5,98699169	0,010	0,313
CHR5	3411177	CHR5:3411177	SSF x LoA	-9,96496627	0,056	0,298
CHR5	3411261	CHR5:3411261	SSF x LoA	-10,8073233	0,137	0,297
CHR5	3416876	CHR5:3416876	SSF x LoA	-9,88666478	0,092	0,297
CHR5	3417006	CHR5:3417006	SSF x LoA	-8,10528131	-0,103	0,312
CHR5	3417836	CHR5:3417836	SSF x LoA	-6,21409038	-0,062	0,308
CHR5	3417840	CHR5:3417840	SSF x LoA	5,53181298	-0,052	0,311
CHR5	3417853	CHR5:3417853	SSF x LoA	-9,96311505	-0,039	0,309
CHR5	3417861	CHR5:3417861	SSF x LoA	-8,58669299	-0,044	0,329
CHR5	3421386	CHR5:3421386	SSF x LoA	-6,29209327	0,111	0,310
CHR5	3421409	CHR5:3421409	SSF x LoA	-8,07558871	0,146	0,312
CHR5	3437428	CHR5:3437428	SSF x LoA	-8,04861728	0,109	0,304
CHR5	3444106	CHR5:3444106	SSF x LoA	-9,42270574	-0,101	0,317
CHR5	3444107	CHR5:3444107	SSF x LoA	-7,94701885	-0,098	0,307
CHR5	3446604	CHR5:3446604	SSF x LoA	-5,25261924	-0,050	0,300
CHR5	3446623	CHR5:3446623	SSF x LoA	-7,87348058	-0,020	0,319
CHR5	3446639	CHR5:3446639	SSF x LoA	-6,97220941	-0,031	0,305
CHR5	3446640	CHR5:3446640	SSF x LoA	-9,34833337	-0,013	0,307

CHR5	3451864	CHR5:3451864	SSF x LoA	-9,40059643	0,102	0,305
CHR5	3451882	CHR5:3451882	SSF x LoA	-8,12890215	-0,036	0,295
CHR5	3455926	CHR5:3455926	SSF x LoA	-8,65800556	-0,063	0,299
CHR5	3455974	CHR5:3455974	SSF x LoA	-9,26562344	0,049	0,291
CHR5	3455980	CHR5:3455980	SSF x LoA	-9,35698269	-0,001	0,316
CHR5	3456014	CHR5:3456014	SSF x LoA	-10,2450347	0,027	0,294
CHR5	3456052	CHR5:3456052	SSF x LoA	-8,7144345	-0,002	0,304
CHR5	3463267	CHR5:3463267	SSF x LoA	-6,12399907	-0,108	0,321
CHR5	3463279	CHR5:3463279	SSF x LoA	-9,89284224	0,063	0,311
CHR5	3463281	CHR5:3463281	SSF x LoA	-7,51454973	-0,125	0,304
CHR5	3468926	CHR5:3468926	SSF x LoA	-9,23901421	-0,033	0,310
CHR5	3468933	CHR5:3468933	SSF x LoA	-7,05643595	0,028	0,325
CHR5	3469036	CHR5:3469036	SSF x LoA	-11,3009453	-0,018	0,296
CHR5	3470373	CHR5:3470373	SSF x LoA	-9,41025996	0,108	0,305
CHR5	3470408	CHR5:3470408	SSF x LoA	-10,4877578	0,028	0,305
CHR5	3480218	CHR5:3480218	SSF x LoA	-9,08842117	0,094	0,314
CHR5	3480260	CHR5:3480260	SSF x LoA	-9,12515089	0,048	0,305
CHR5	3480294	CHR5:3480294	SSF x LoA	-10,3541218	-0,124	0,296
CHR5	3480347	CHR5:3480347	SSF x LoA	-10,3373072	0,087	0,301
CHR5	3480376	CHR5:3480376	SSF x LoA	-10,7849823	0,018	0,319
CHR5	3481651	CHR5:3481651	SSF x LoA	-10,0998882	0,100	0,316
CHR5	3481658	CHR5:3481658	SSF x LoA	-8,87056334	-0,087	0,302
CHR5	3481704	CHR5:3481704	SSF x LoA	-6,47761399	-0,071	0,312
CHR5	3484409	CHR5:3484409	SSF x LoA	-10,38491	-0,052	0,293
CHR5	3485238	CHR5:3485238	SSF x LoA	-11,9297319	0,000	0,296
CHR5	3487060	CHR5:3487060	SSF x LoA	-7,39116298	0,189	0,285
CHR5	3487091	CHR5:3487091	SSF x LoA	-8,53996597	-0,054	0,310
CHR5	3487147	CHR5:3487147	SSF x LoA	-10,3684325	-0,081	0,305
CHR5	3492919	CHR5:3492919	SSF x LoA	-8,89514926	-0,006	0,321
CHR5	3493015	CHR5:3493015	SSF x LoA	-8,81736094	0,012	0,311
CHR5	3496232	CHR5:3496232	SSF x LoA	-6,47259403	0,126	0,303
CHR5	3496295	CHR5:3496295	SSF x LoA	-10,4113914	0,099	0,297
CHR5	3496323	CHR5:3496323	SSF x LoA	-8,48367007	-0,090	0,312
CHR5	3496326	CHR5:3496326	SSF x LoA	-7,95360784	-0,102	0,315
CHR5	3496380	CHR5:3496380	SSF x LoA	-9,20500672	0,007	0,312
CHR5	3496407	CHR5:3496407	SSF x LoA	-5,57668651	0,139	0,321
CHR5	3498428	CHR5:3498428	SSF x LoA	-7,1003813	0,040	0,313
CHR5	3510076	CHR5:3510076	SSF x LoA	-8,99346859	-0,138	0,314
CHR5	3510530	CHR5:3510530	SSF x LoA	-9,68133624	0,015	0,316
CHR5	3517085	CHR5:3517085	SSF x LoA	-8,43901329	-0,102	0,301
CHR5	3517089	CHR5:3517089	SSF x LoA	-8,55735286	0,149	0,302
CHR5	3517112	CHR5:3517112	SSF x LoA	-11,0264382	-0,022	0,314
CHR5	3517122	CHR5:3517122	SSF x LoA	-9,77581787	-0,059	0,299
CHR5	3517497	CHR5:3517497	SSF x LoA	-8,65136788	-0,034	0,311
CHR5	3517520	CHR5:3517520	SSF x LoA	-11,1636044	-0,048	0,299
CHR5	3517539	CHR5:3517539	SSF x LoA	-8,60569404	-0,033	0,297
CHR5	3517590	CHR5:3517590	SSF x LoA	-10,3417982	-0,109	0,309
CHR5	3522791	CHR5:3522791	SSF x LoA	-8,79171431	-0,047	0,296
CHR5	3532906	CHR5:3532906	SSF x LoA	-9,2888453	0,044	0,304
CHR5	3535532	CHR5:3535532	SSF x LoA	-6,78471275	-0,131	0,309
CHR5	3535568	CHR5:3535568	SSF x LoA	-7,77305588	-0,030	0,305
CHR5	3545000	CHR5:3545000	SSF x LoA	-4,77353527	0,209	0,292
CHR5	3545123	CHR5:3545123	SSF x LoA	-8,53531804	-0,010	0,330

CHR5	354854	CHR5:354854	SSF x LoA	-11,6200504	0,037	0,301
CHR5	3555338	CHR5:3555338	SSF x LoA	-5,80077893	0,126	0,310
CHR5	3555545	CHR5:3555545	SSF x LoA	-9,77401324	0,033	0,311
CHR5	3565017	CHR5:3565017	SSF x LoA	-7,58460639	-0,141	0,290
CHR5	3565222	CHR5:3565222	SSF x LoA	-8,45914138	-0,162	0,294
CHR5	356932	CHR5:356932	SSF x LoA	-9,20376863	0,028	0,312
CHR5	3595172	CHR5:3595172	SSF x LoA	-4,74918256	0,145	0,301
CHR5	3595249	CHR5:3595249	SSF x LoA	-9,93393586	-0,044	0,298
CHR5	3595404	CHR5:3595404	SSF x LoA	-10,4932162	0,049	0,320
CHR5	3596771	CHR5:3596771	SSF x LoA	-9,31664887	-0,020	0,309
CHR5	3596802	CHR5:3596802	SSF x LoA	-10,9755337	-0,062	0,304
CHR5	3596812	CHR5:3596812	SSF x LoA	-9,69341611	-0,061	0,307
CHR5	3596873	CHR5:3596873	SSF x LoA	-10,0653813	0,162	0,292
CHR5	3598803	CHR5:3598803	SSF x LoA	-6,60106164	0,089	0,308
CHR5	3598908	CHR5:3598908	SSF x LoA	-4,70309495	-0,170	0,302
CHR5	3598937	CHR5:3598937	SSF x LoA	1,07745636	-0,175	0,296
CHR5	3598953	CHR5:3598953	SSF x LoA	-9,70675315	-0,007	0,323
CHR5	3598958	CHR5:3598958	SSF x LoA	-9,16295911	-0,123	0,301
CHR5	3598959	CHR5:3598959	SSF x LoA	-8,59396056	-0,107	0,306
CHR5	3598960	CHR5:3598960	SSF x LoA	-4,89327156	-0,126	0,313
CHR5	3598975	CHR5:3598975	SSF x LoA	-4,04699822	0,061	0,307
CHR5	3598976	CHR5:3598976	SSF x LoA	-9,14600765	0,082	0,312
CHR5	3598982	CHR5:3598982	SSF x LoA	-7,23338457	0,000	0,305
CHR5	3599014	CHR5:3599014	SSF x LoA	-5,62491512	0,150	0,307
CHR5	3602100	CHR5:3602100	SSF x LoA	-9,58236935	0,089	0,310
CHR5	3602276	CHR5:3602276	SSF x LoA	-6,31913306	0,141	0,309
CHR5	3602347	CHR5:3602347	SSF x LoA	-8,65988937	0,006	0,302
CHR5	3602360	CHR5:3602360	SSF x LoA	-8,55939931	-0,019	0,298
CHR5	3602419	CHR5:3602419	SSF x LoA	-10,1653862	0,118	0,309
CHR5	3612989	CHR5:3612989	SSF x LoA	-8,90922031	-0,021	0,299
CHR5	3613103	CHR5:3613103	SSF x LoA	-8,67663021	0,037	0,307
CHR5	3614144	CHR5:3614144	SSF x LoA	-8,92957116	-0,040	0,289
CHR5	3614145	CHR5:3614145	SSF x LoA	-8,98327618	0,104	0,305
CHR5	3614175	CHR5:3614175	SSF x LoA	-6,12595783	-0,026	0,302
CHR5	3614201	CHR5:3614201	SSF x LoA	-8,84396667	-0,008	0,309
CHR5	3616261	CHR5:3616261	SSF x LoA	-7,99667615	0,025	0,313
CHR5	3616346	CHR5:3616346	SSF x LoA	-9,64957578	0,068	0,311
CHR5	3622190	CHR5:3622190	SSF x LoA	-10,1251291	-0,121	0,304
CHR5	3622234	CHR5:3622234	SSF x LoA	-9,70017225	-0,001	0,309
CHR5	3630334	CHR5:3630334	SSF x LoA	-10,2563899	0,070	0,306
CHR5	3633552	CHR5:3633552	SSF x LoA	-9,00874069	0,094	0,287
CHR5	3633716	CHR5:3633716	SSF x LoA	-9,3851061	-0,076	0,302
CHR5	3633725	CHR5:3633725	SSF x LoA	-10,815523	0,023	0,316
CHR5	3635747	CHR5:3635747	SSF x LoA	-11,3186874	0,036	0,311
CHR5	3637675	CHR5:3637675	SSF x LoA	-9,74466513	0,045	0,305
CHR5	3641271	CHR5:3641271	SSF x LoA	-11,0726547	0,052	0,312
CHR5	3641308	CHR5:3641308	SSF x LoA	-10,8504677	-0,026	0,312
CHR5	3643242	CHR5:3643242	SSF x LoA	-10,6699245	-0,070	0,317
CHR5	3643249	CHR5:3643249	SSF x LoA	-11,3439699	-0,077	0,307
CHR5	3643268	CHR5:3643268	SSF x LoA	-8,22635172	0,133	0,301
CHR5	3643279	CHR5:3643279	SSF x LoA	-9,93719132	0,095	0,301
CHR5	3643302	CHR5:3643302	SSF x LoA	-8,47057216	0,088	0,302
CHR5	3643359	CHR5:3643359	SSF x LoA	-10,5288669	-0,074	0,301

CHR5	3643368	CHR5:3643368	SSF x LoA	-7,91814702	-0,148	0,288
CHR5	3643400	CHR5:3643400	SSF x LoA	-6,79674961	0,035	0,309
CHR5	3643432	CHR5:3643432	SSF x LoA	-10,9594591	0,002	0,301
CHR5	3643460	CHR5:3643460	SSF x LoA	-5,93559111	0,110	0,312
CHR5	3647205	CHR5:3647205	SSF x LoA	-11,3855475	0,042	0,310
CHR5	3647399	CHR5:3647399	SSF x LoA	-5,17681107	0,063	0,300
CHR5	3647406	CHR5:3647406	SSF x LoA	-8,24267982	-0,102	0,308
CHR5	3647413	CHR5:3647413	SSF x LoA	-10,5533254	-0,070	0,310
CHR5	3649406	CHR5:3649406	SSF x LoA	-11,4345894	-0,002	0,312
CHR5	3649409	CHR5:3649409	SSF x LoA	-7,49712724	-0,168	0,297
CHR5	3649429	CHR5:3649429	SSF x LoA	-8,57667985	-0,034	0,319
CHR5	3649453	CHR5:3649453	SSF x LoA	-7,56581738	0,128	0,319
CHR5	3649456	CHR5:3649456	SSF x LoA	-11,1525674	-0,011	0,301
CHR5	3649552	CHR5:3649552	SSF x LoA	-10,3424771	-0,085	0,305
CHR5	3663018	CHR5:3663018	SSF x LoA	-5,07465569	-0,028	0,310
CHR5	3663082	CHR5:3663082	SSF x LoA	-10,732706	-0,028	0,301
CHR5	3667619	CHR5:3667619	SSF x LoA	-8,79148109	-0,054	0,302
CHR5	3667732	CHR5:3667732	SSF x LoA	-8,58491152	-0,049	0,305
CHR5	3667748	CHR5:3667748	SSF x LoA	-9,55245119	0,024	0,301
CHR5	3668135	CHR5:3668135	SSF x LoA	-8,77263694	0,068	0,299
CHR5	3668165	CHR5:3668165	SSF x LoA	-10,5142855	-0,107	0,311
CHR5	3668840	CHR5:3668840	SSF x LoA	-10,5921226	0,077	0,306
CHR5	3668850	CHR5:3668850	SSF x LoA	-9,88548953	-0,070	0,319
CHR5	3668888	CHR5:3668888	SSF x LoA	-9,86745637	-0,011	0,301
CHR5	3669860	CHR5:3669860	SSF x LoA	-7,5097758	-0,061	0,309
CHR5	3670167	CHR5:3670167	SSF x LoA	-8,23117844	-0,235	0,291
CHR5	367090	CHR5:367090	SSF x LoA	-9,13258609	0,008	0,306
CHR5	367108	CHR5:367108	SSF x LoA	-9,40428436	0,041	0,319
CHR5	367252	CHR5:367252	SSF x LoA	-9,4902618	-0,012	0,295
CHR5	367307	CHR5:367307	SSF x LoA	-8,92517776	0,032	0,326
CHR5	3680285	CHR5:3680285	SSF x LoA	-7,26679285	-0,041	0,314
CHR5	3680327	CHR5:3680327	SSF x LoA	-10,1167374	-0,111	0,317
CHR5	3680445	CHR5:3680445	SSF x LoA	-8,48097487	0,092	0,297
CHR5	368527	CHR5:368527	SSF x LoA	-12,2454321	-0,051	0,305
CHR5	368613	CHR5:368613	SSF x LoA	-6,43719444	0,103	0,301
CHR5	3690412	CHR5:3690412	SSF x LoA	-11,337211	-0,052	0,312
CHR5	3690438	CHR5:3690438	SSF x LoA	-11,0435906	-0,042	0,307
CHR5	3690665	CHR5:3690665	SSF x LoA	-8,23219673	-0,013	0,316
CHR5	3699218	CHR5:3699218	SSF x LoA	-10,0843975	0,066	0,302
CHR5	3699284	CHR5:3699284	SSF x LoA	-10,9101095	-0,063	0,310
CHR5	3707245	CHR5:3707245	SSF x LoA	-10,0762728	0,008	0,307
CHR5	3707246	CHR5:3707246	SSF x LoA	-6,05476058	-0,012	0,303
CHR5	3707285	CHR5:3707285	SSF x LoA	-11,2306488	0,057	0,302
CHR5	3707294	CHR5:3707294	SSF x LoA	-9,93653995	0,094	0,310
CHR5	3707297	CHR5:3707297	SSF x LoA	-9,56996329	0,072	0,304
CHR5	3707354	CHR5:3707354	SSF x LoA	-7,405665	0,074	0,285
CHR5	3707382	CHR5:3707382	SSF x LoA	-9,64865888	0,027	0,318
CHR5	3712223	CHR5:3712223	SSF x LoA	-10,3117136	0,081	0,303
CHR5	3712233	CHR5:3712233	SSF x LoA	-10,0586314	-0,026	0,312
CHR5	3722405	CHR5:3722405	SSF x LoA	1,36817084	-0,139	0,306
CHR5	3722425	CHR5:3722425	SSF x LoA	-11,1438662	0,010	0,310
CHR5	3722426	CHR5:3722426	SSF x LoA	-11,6921602	-0,013	0,298
CHR5	3722540	CHR5:3722540	SSF x LoA	-8,90107195	0,035	0,303

CHR5	3722565	CHR5:3722565	SSF x LoA	-4,95560539	-0,111	0,306
CHR5	3722644	CHR5:3722644	SSF x LoA	-10,7977851	0,016	0,300
CHR5	3723465	CHR5:3723465	SSF x LoA	-11,0977392	-0,011	0,294
CHR5	3723634	CHR5:3723634	SSF x LoA	-11,0054725	0,039	0,311
CHR5	3723663	CHR5:3723663	SSF x LoA	-9,896404	-0,150	0,312
CHR5	3723687	CHR5:3723687	SSF x LoA	-7,63165659	-0,061	0,302
CHR5	373360	CHR5:373360	SSF x LoA	-9,96634184	0,072	0,304
CHR5	373428	CHR5:373428	SSF x LoA	-8,68873782	0,087	0,306
CHR5	373434	CHR5:373434	SSF x LoA	-10,188862	-0,091	0,299
CHR5	373601	CHR5:373601	SSF x LoA	-11,421489	-0,107	0,303
CHR5	373697	CHR5:373697	SSF x LoA	-1,37453124	0,158	0,308
CHR5	3767516	CHR5:3767516	SSF x LoA	-8,28233664	-0,112	0,309
CHR5	3767519	CHR5:3767519	SSF x LoA	-7,20281425	-0,097	0,297
CHR5	3767579	CHR5:3767579	SSF x LoA	-9,81113353	-0,005	0,302
CHR5	3767636	CHR5:3767636	SSF x LoA	-8,90453054	-0,112	0,297
CHR5	3771485	CHR5:3771485	SSF x LoA	-7,8442526	0,133	0,309
CHR5	3771553	CHR5:3771553	SSF x LoA	-8,22929728	0,165	0,305
CHR5	3796028	CHR5:3796028	SSF x LoA	-8,89809288	-0,107	0,301
CHR5	3796043	CHR5:3796043	SSF x LoA	-9,87509487	-0,071	0,313
CHR5	3804210	CHR5:3804210	SSF x LoA	-6,50356489	-0,122	0,314
CHR5	3804249	CHR5:3804249	SSF x LoA	-8,02172489	-0,089	0,314
CHR5	380818	CHR5:380818	SSF x LoA	-5,0973216	-0,119	0,301
CHR5	380912	CHR5:380912	SSF x LoA	-10,0628931	0,108	0,299
CHR5	380952	CHR5:380952	SSF x LoA	-9,37377792	-0,028	0,318
CHR5	380988	CHR5:380988	SSF x LoA	-10,245697	0,069	0,314
CHR5	3814503	CHR5:3814503	SSF x LoA	-9,04494715	-0,017	0,310
CHR5	3814504	CHR5:3814504	SSF x LoA	-8,19271561	0,161	0,299
CHR5	3823816	CHR5:3823816	SSF x LoA	-8,75879335	0,018	0,307
CHR5	3823840	CHR5:3823840	SSF x LoA	-8,54359812	-0,009	0,327
CHR5	3823885	CHR5:3823885	SSF x LoA	-6,52439342	0,138	0,289
CHR5	3823994	CHR5:3823994	SSF x LoA	-8,51714254	-0,118	0,301
CHR5	3824025	CHR5:3824025	SSF x LoA	-8,12797046	-0,070	0,316
CHR5	3830114	CHR5:3830114	SSF x LoA	-8,08832803	-0,047	0,310
CHR5	3831029	CHR5:3831029	SSF x LoA	-11,6261778	0,011	0,309
CHR5	3832718	CHR5:3832718	SSF x LoA	-11,9732562	-0,026	0,316
CHR5	3832804	CHR5:3832804	SSF x LoA	-11,8245146	-0,026	0,303
CHR5	3842179	CHR5:3842179	SSF x LoA	-8,26602378	-0,118	0,299
CHR5	3842195	CHR5:3842195	SSF x LoA	-7,00897739	-0,070	0,306
CHR5	3842197	CHR5:3842197	SSF x LoA	-10,6576907	0,022	0,309
CHR5	3846292	CHR5:3846292	SSF x LoA	-6,24329504	0,109	0,300
CHR5	3854652	CHR5:3854652	SSF x LoA	-6,70517167	-0,131	0,300
CHR5	3854701	CHR5:3854701	SSF x LoA	-9,70646834	0,096	0,296
CHR5	3854724	CHR5:3854724	SSF x LoA	-11,1831014	0,027	0,310
CHR5	3854818	CHR5:3854818	SSF x LoA	0,46970816	0,151	0,292
CHR5	3854944	CHR5:3854944	SSF x LoA	5,29408873	-0,160	0,285
CHR5	3856669	CHR5:3856669	SSF x LoA	-8,05952429	0,024	0,312
CHR5	3859593	CHR5:3859593	SSF x LoA	-4,35643709	0,068	0,301
CHR5	3860979	CHR5:3860979	SSF x LoA	-8,69293368	-0,132	0,285
CHR5	3860998	CHR5:3860998	SSF x LoA	-7,66966123	0,070	0,305
CHR5	3861061	CHR5:3861061	SSF x LoA	-8,44721758	0,025	0,312
CHR5	3865109	CHR5:3865109	SSF x LoA	-11,0484303	0,013	0,319
CHR5	3865126	CHR5:3865126	SSF x LoA	-10,2908405	-0,028	0,302
CHR5	3865141	CHR5:3865141	SSF x LoA	-5,87008044	-0,120	0,314

CHR5	3865198	CHR5:3865198	SSF x LoA	-10,3100964	0,025	0,298
CHR5	3865229	CHR5:3865229	SSF x LoA	-10,1437882	-0,074	0,300
CHR5	3865231	CHR5:3865231	SSF x LoA	-6,25223854	0,113	0,302
CHR5	3865298	CHR5:3865298	SSF x LoA	-10,894852	-0,012	0,311
CHR5	3865328	CHR5:3865328	SSF x LoA	-9,87876576	0,063	0,308
CHR5	3865352	CHR5:3865352	SSF x LoA	-7,97362146	-0,028	0,316
CHR5	386621	CHR5:386621	SSF x LoA	-7,87340413	-0,050	0,316
CHR5	386696	CHR5:386696	SSF x LoA	-11,3665463	0,002	0,303
CHR5	386774	CHR5:386774	SSF x LoA	-6,71186918	-0,108	0,310
CHR5	386777	CHR5:386777	SSF x LoA	-11,4139733	0,024	0,319
CHR5	386779	CHR5:386779	SSF x LoA	-10,0071391	0,046	0,305
CHR5	386798	CHR5:386798	SSF x LoA	-11,449535	0,047	0,303
CHR5	386802	CHR5:386802	SSF x LoA	-12,1691257	0,049	0,302
CHR5	386831	CHR5:386831	SSF x LoA	-6,01610187	-0,031	0,318
CHR5	3869712	CHR5:3869712	SSF x LoA	-9,23068947	0,003	0,305
CHR5	3870835	CHR5:3870835	SSF x LoA	-7,0439406	0,105	0,304
CHR5	3870857	CHR5:3870857	SSF x LoA	-10,2236048	0,038	0,316
CHR5	3870858	CHR5:3870858	SSF x LoA	-0,61072458	-0,092	0,309
CHR5	3870934	CHR5:3870934	SSF x LoA	-9,9678437	-0,012	0,323
CHR5	3872461	CHR5:3872461	SSF x LoA	-11,5352765	-0,001	0,299
CHR5	3877529	CHR5:3877529	SSF x LoA	-7,69007099	-0,078	0,292
CHR5	3882800	CHR5:3882800	SSF x LoA	-8,90063519	0,168	0,286
CHR5	3882865	CHR5:3882865	SSF x LoA	-12,0583951	-0,007	0,304
CHR5	3882876	CHR5:3882876	SSF x LoA	-8,78618837	0,071	0,315
CHR5	3883065	CHR5:3883065	SSF x LoA	-8,15266757	-0,077	0,298
CHR5	3899003	CHR5:3899003	SSF x LoA	-4,6520117	-0,130	0,312
CHR5	3899085	CHR5:3899085	SSF x LoA	-4,76302671	0,120	0,305
CHR5	3899646	CHR5:3899646	SSF x LoA	-10,6967368	-0,007	0,316
CHR5	3899654	CHR5:3899654	SSF x LoA	-8,84928505	0,033	0,314
CHR5	3899677	CHR5:3899677	SSF x LoA	-9,68673914	-0,034	0,303
CHR5	3909670	CHR5:3909670	SSF x LoA	-10,3759955	0,031	0,307
CHR5	3909779	CHR5:3909779	SSF x LoA	-9,18815603	-0,043	0,310
CHR5	3909912	CHR5:3909912	SSF x LoA	-8,7755026	-0,063	0,293
CHR5	3909913	CHR5:3909913	SSF x LoA	-9,73504796	-0,045	0,297
CHR5	3915180	CHR5:3915180	SSF x LoA	-10,6132891	0,066	0,293
CHR5	3915202	CHR5:3915202	SSF x LoA	-9,09342809	0,043	0,310
CHR5	3915214	CHR5:3915214	SSF x LoA	-9,68591876	0,018	0,310
CHR5	3915263	CHR5:3915263	SSF x LoA	-10,6338407	-0,033	0,302
CHR5	39205	CHR5:39205	SSF x LoA	-11,3365698	0,018	0,304
CHR5	3922346	CHR5:3922346	SSF x LoA	-10,050813	-0,078	0,319
CHR5	3922461	CHR5:3922461	SSF x LoA	-10,4185994	-0,020	0,305
CHR5	3922500	CHR5:3922500	SSF x LoA	-11,213086	-0,024	0,304
CHR5	3922614	CHR5:3922614	SSF x LoA	-6,3065102	-0,016	0,309
CHR5	39260	CHR5:39260	SSF x LoA	-10,1193137	-0,053	0,318
CHR5	3926282	CHR5:3926282	SSF x LoA	-12,0581289	-0,009	0,294
CHR5	3926283	CHR5:3926283	SSF x LoA	-8,11874877	-0,096	0,313
CHR5	3926333	CHR5:3926333	SSF x LoA	-8,94906135	-0,049	0,295
CHR5	3926347	CHR5:3926347	SSF x LoA	-9,95739769	-0,094	0,303
CHR5	3926416	CHR5:3926416	SSF x LoA	-7,37009925	-0,008	0,298
CHR5	3928457	CHR5:3928457	SSF x LoA	-8,99384155	-0,055	0,305
CHR5	39308	CHR5:39308	SSF x LoA	-8,04433935	-0,051	0,315
CHR5	3932577	CHR5:3932577	SSF x LoA	-12,2792346	-0,006	0,308
CHR5	3932600	CHR5:3932600	SSF x LoA	-8,32549232	0,086	0,295

CHR5	3932702	CHR5:3932702	SSF x LoA	-10,900554	0,023	0,306
CHR5	3935259	CHR5:3935259	SSF x LoA	-5,11157867	-0,060	0,291
CHR5	3935311	CHR5:3935311	SSF x LoA	-10,7522038	-0,042	0,309
CHR5	3942777	CHR5:3942777	SSF x LoA	-4,54244355	-0,096	0,296
CHR5	3942844	CHR5:3942844	SSF x LoA	-10,373826	-0,098	0,293
CHR5	3957208	CHR5:3957208	SSF x LoA	-10,1213273	0,002	0,311
CHR5	3957240	CHR5:3957240	SSF x LoA	-9,91301157	-0,042	0,312
CHR5	3957263	CHR5:3957263	SSF x LoA	-10,9610936	0,006	0,303
CHR5	3957307	CHR5:3957307	SSF x LoA	-10,1151202	0,089	0,307
CHR5	3960058	CHR5:3960058	SSF x LoA	-9,80933913	0,075	0,310
CHR5	3960109	CHR5:3960109	SSF x LoA	-11,0248122	0,044	0,320
CHR5	3960472	CHR5:3960472	SSF x LoA	-11,2160402	-0,092	0,296
CHR5	3961678	CHR5:3961678	SSF x LoA	-10,3594105	-0,059	0,302
CHR5	3974947	CHR5:3974947	SSF x LoA	-9,69644747	-0,075	0,302
CHR5	3981744	CHR5:3981744	SSF x LoA	-6,4348236	-0,158	0,290
CHR5	398856	CHR5:398856	SSF x LoA	-10,192232	0,046	0,319
CHR5	3989777	CHR5:3989777	SSF x LoA	-9,08030393	0,082	0,302
CHR5	3994425	CHR5:3994425	SSF x LoA	-8,89342963	0,050	0,309
CHR5	3997744	CHR5:3997744	SSF x LoA	-8,58656484	-0,035	0,306
CHR5	3997773	CHR5:3997773	SSF x LoA	-10,9957616	0,004	0,323
CHR5	3997865	CHR5:3997865	SSF x LoA	-7,692776	-0,076	0,301
CHR5	3997925	CHR5:3997925	SSF x LoA	-8,70476723	0,118	0,306
CHR5	4002034	CHR5:4002034	SSF x LoA	-4,6680339	0,076	0,311
CHR5	4008177	CHR5:4008177	SSF x LoA	-8,62439379	0,011	0,319
CHR5	4008193	CHR5:4008193	SSF x LoA	-9,20168734	0,021	0,300
CHR5	4008202	CHR5:4008202	SSF x LoA	-9,33596072	0,009	0,296
CHR5	4008203	CHR5:4008203	SSF x LoA	-7,75812994	0,020	0,291
CHR5	4008204	CHR5:4008204	SSF x LoA	-10,1172239	-0,049	0,305
CHR5	4008343	CHR5:4008343	SSF x LoA	-10,5906741	-0,038	0,315
CHR5	4010022	CHR5:4010022	SSF x LoA	-5,29566165	-0,032	0,303
CHR5	4010168	CHR5:4010168	SSF x LoA	-9,81154619	0,037	0,295
CHR5	401624	CHR5:401624	SSF x LoA	-10,7527936	0,096	0,301
CHR5	401631	CHR5:401631	SSF x LoA	-9,80491067	0,061	0,300
CHR5	401751	CHR5:401751	SSF x LoA	-3,74234512	0,126	0,298
CHR5	4017861	CHR5:4017861	SSF x LoA	-9,41492562	-0,009	0,314
CHR5	4017896	CHR5:4017896	SSF x LoA	-5,61028695	-0,234	0,300
CHR5	4017946	CHR5:4017946	SSF x LoA	-6,60627318	0,071	0,304
CHR5	4017961	CHR5:4017961	SSF x LoA	-9,52764194	-0,014	0,308
CHR5	4036777	CHR5:4036777	SSF x LoA	-11,6377417	-0,031	0,303
CHR5	4043106	CHR5:4043106	SSF x LoA	-8,11044507	0,047	0,311
CHR5	4043570	CHR5:4043570	SSF x LoA	-8,64396668	0,081	0,308
CHR5	404908	CHR5:404908	SSF x LoA	-5,8022658	-0,170	0,301
CHR5	4054796	CHR5:4054796	SSF x LoA	-8,68417214	0,144	0,289
CHR5	4054797	CHR5:4054797	SSF x LoA	-6,68774523	0,144	0,299
CHR5	4055068	CHR5:4055068	SSF x LoA	-9,21733088	-0,103	0,289
CHR5	4055094	CHR5:4055094	SSF x LoA	-10,2712187	-0,080	0,294
CHR5	4055170	CHR5:4055170	SSF x LoA	-9,29214637	0,061	0,304
CHR5	4055196	CHR5:4055196	SSF x LoA	-8,71184442	0,019	0,308
CHR5	4059433	CHR5:4059433	SSF x LoA	-9,30173093	-0,011	0,297
CHR5	4059524	CHR5:4059524	SSF x LoA	-8,71718979	-0,086	0,300
CHR5	4059536	CHR5:4059536	SSF x LoA	-9,55195498	0,084	0,312
CHR5	4065414	CHR5:4065414	SSF x LoA	-11,4874203	0,045	0,305
CHR5	4065459	CHR5:4065459	SSF x LoA	-6,72312245	-0,147	0,305

CHR5	4065463	CHR5:4065463	SSF x LoA	-1,07719076	-0,239	0,289
CHR5	4065486	CHR5:4065486	SSF x LoA	-11,5463283	0,004	0,298
CHR5	4076047	CHR5:4076047	SSF x LoA	-9,70748473	0,004	0,289
CHR5	4076101	CHR5:4076101	SSF x LoA	-9,02646918	-0,041	0,297
CHR5	4087211	CHR5:4087211	SSF x LoA	-11,8429397	-0,012	0,305
CHR5	4087335	CHR5:4087335	SSF x LoA	-7,91726532	-0,172	0,298
CHR5	4100614	CHR5:4100614	SSF x LoA	-9,16261461	-0,079	0,306
CHR5	4100880	CHR5:4100880	SSF x LoA	-8,09927597	-0,086	0,311
CHR5	410558	CHR5:410558	SSF x LoA	-8,96209474	-0,046	0,314
CHR5	410622	CHR5:410622	SSF x LoA	-7,82728135	0,118	0,308
CHR5	410626	CHR5:410626	SSF x LoA	-9,76848471	0,023	0,307
CHR5	410641	CHR5:410641	SSF x LoA	-9,38300444	0,025	0,301
CHR5	410652	CHR5:410652	SSF x LoA	-5,68414454	-0,077	0,297
CHR5	4107264	CHR5:4107264	SSF x LoA	-6,2636863	-0,095	0,308
CHR5	4107328	CHR5:4107328	SSF x LoA	-10,4168491	0,029	0,302
CHR5	4111902	CHR5:4111902	SSF x LoA	-1,84035687	-0,149	0,295
CHR5	4111932	CHR5:4111932	SSF x LoA	-8,38174842	0,000	0,296
CHR5	4111934	CHR5:4111934	SSF x LoA	-3,4565991	-0,096	0,312
CHR5	4112099	CHR5:4112099	SSF x LoA	-11,1447208	0,059	0,291
CHR5	4117132	CHR5:4117132	SSF x LoA	-10,6276349	-0,038	0,317
CHR5	4117151	CHR5:4117151	SSF x LoA	-9,25694091	0,063	0,299
CHR5	4119941	CHR5:4119941	SSF x LoA	-9,82913698	-0,043	0,315
CHR5	4119942	CHR5:4119942	SSF x LoA	-11,7263451	0,012	0,309
CHR5	4119947	CHR5:4119947	SSF x LoA	-11,3815315	-0,016	0,300
CHR5	4120024	CHR5:4120024	SSF x LoA	-8,86361874	-0,045	0,295
CHR5	4120025	CHR5:4120025	SSF x LoA	-10,8303389	0,067	0,300
CHR5	4120112	CHR5:4120112	SSF x LoA	-8,82680627	-0,029	0,302
CHR5	4120113	CHR5:4120113	SSF x LoA	-10,2899924	0,062	0,302
CHR5	4122367	CHR5:4122367	SSF x LoA	-10,6638785	0,016	0,307
CHR5	4122384	CHR5:4122384	SSF x LoA	-8,5550757	-0,012	0,294
CHR5	4124084	CHR5:4124084	SSF x LoA	-10,5275329	0,044	0,306
CHR5	4124145	CHR5:4124145	SSF x LoA	-10,6269801	0,055	0,314
CHR5	4124167	CHR5:4124167	SSF x LoA	-9,0055873	0,124	0,296
CHR5	4124333	CHR5:4124333	SSF x LoA	-10,4861314	-0,111	0,291
CHR5	4127396	CHR5:4127396	SSF x LoA	-4,40859596	0,074	0,314
CHR5	4128937	CHR5:4128937	SSF x LoA	-11,2658759	-0,049	0,295
CHR5	4130773	CHR5:4130773	SSF x LoA	-9,6291164	-0,067	0,316
CHR5	4130832	CHR5:4130832	SSF x LoA	-9,70469926	-0,009	0,307
CHR5	4130842	CHR5:4130842	SSF x LoA	-7,41694586	0,128	0,293
CHR5	4130906	CHR5:4130906	SSF x LoA	-7,68855082	-0,115	0,315
CHR5	4131033	CHR5:4131033	SSF x LoA	-9,98060001	-0,065	0,306
CHR5	4137912	CHR5:4137912	SSF x LoA	-9,21801388	-0,007	0,299
CHR5	4137920	CHR5:4137920	SSF x LoA	-9,00741256	-0,008	0,307
CHR5	4137934	CHR5:4137934	SSF x LoA	-9,43787488	-0,025	0,307
CHR5	4137935	CHR5:4137935	SSF x LoA	-9,61232802	-0,001	0,297
CHR5	4137986	CHR5:4137986	SSF x LoA	-9,65780454	0,024	0,316
CHR5	4138063	CHR5:4138063	SSF x LoA	-7,30168815	0,006	0,313
CHR5	4146232	CHR5:4146232	SSF x LoA	-11,2308919	-0,074	0,308
CHR5	4146237	CHR5:4146237	SSF x LoA	-11,3757234	-0,082	0,302
CHR5	4146263	CHR5:4146263	SSF x LoA	-9,43426923	0,066	0,294
CHR5	4146284	CHR5:4146284	SSF x LoA	-8,56657877	-0,054	0,297
CHR5	4146303	CHR5:4146303	SSF x LoA	-9,14109727	-0,014	0,301
CHR5	417278	CHR5:417278	SSF x LoA	-10,3114903	0,081	0,306

CHR5	417365	CHR5:417365	SSF x LoA	-11,2193448	0,053	0,319
CHR5	4178089	CHR5:4178089	SSF x LoA	-10,9032942	-0,021	0,302
CHR5	4178132	CHR5:4178132	SSF x LoA	-7,16475736	-0,070	0,315
CHR5	4178178	CHR5:4178178	SSF x LoA	-11,1836048	-0,057	0,294
CHR5	4180829	CHR5:4180829	SSF x LoA	-7,2160377	-0,072	0,316
CHR5	4180897	CHR5:4180897	SSF x LoA	-4,3181462	-0,077	0,320
CHR5	4180905	CHR5:4180905	SSF x LoA	-8,79566904	-0,031	0,317
CHR5	4180911	CHR5:4180911	SSF x LoA	-7,0680931	-0,132	0,314
CHR5	4181937	CHR5:4181937	SSF x LoA	-7,45696811	-0,129	0,312
CHR5	4182017	CHR5:4182017	SSF x LoA	-7,09132035	0,138	0,301
CHR5	4185432	CHR5:4185432	SSF x LoA	-11,0782813	-0,001	0,306
CHR5	4185444	CHR5:4185444	SSF x LoA	-10,3824288	-0,072	0,284
CHR5	4185465	CHR5:4185465	SSF x LoA	-10,7543543	0,041	0,305
CHR5	4185483	CHR5:4185483	SSF x LoA	-9,07997667	-0,200	0,292
CHR5	4185484	CHR5:4185484	SSF x LoA	-8,03194024	-0,203	0,291
CHR5	4185498	CHR5:4185498	SSF x LoA	-6,0790174	-0,175	0,297
CHR5	4185572	CHR5:4185572	SSF x LoA	-9,97323667	-0,144	0,302
CHR5	4185580	CHR5:4185580	SSF x LoA	-8,64162547	-0,042	0,313
CHR5	4185583	CHR5:4185583	SSF x LoA	-5,36521994	0,196	0,299
CHR5	4185598	CHR5:4185598	SSF x LoA	-8,26677966	-0,061	0,308
CHR5	4185620	CHR5:4185620	SSF x LoA	-11,051641	0,076	0,294
CHR5	4188567	CHR5:4188567	SSF x LoA	-8,87215616	0,065	0,317
CHR5	4188577	CHR5:4188577	SSF x LoA	-8,67505984	-0,124	0,297
CHR5	4188593	CHR5:4188593	SSF x LoA	-8,30543639	0,033	0,315
CHR5	4188663	CHR5:4188663	SSF x LoA	-7,2274938	-0,136	0,298
CHR5	4205329	CHR5:4205329	SSF x LoA	-9,17725888	0,025	0,305
CHR5	4205332	CHR5:4205332	SSF x LoA	-6,84185403	0,033	0,294
CHR5	4205710	CHR5:4205710	SSF x LoA	-9,03603712	-0,044	0,298
CHR5	4205742	CHR5:4205742	SSF x LoA	-9,08826032	0,005	0,318
CHR5	4212313	CHR5:4212313	SSF x LoA	-7,60262911	-0,049	0,308
CHR5	4212315	CHR5:4212315	SSF x LoA	-8,77618713	0,027	0,296
CHR5	4212358	CHR5:4212358	SSF x LoA	-10,7388249	0,011	0,310
CHR5	4212572	CHR5:4212572	SSF x LoA	-11,7542439	-0,107	0,301
CHR5	4237779	CHR5:4237779	SSF x LoA	-9,75234937	-0,003	0,312
CHR5	4245484	CHR5:4245484	SSF x LoA	-9,68210046	0,082	0,309
CHR5	4270979	CHR5:4270979	SSF x LoA	-7,42815318	-0,079	0,313
CHR5	4271190	CHR5:4271190	SSF x LoA	-9,96239538	0,022	0,305
CHR5	4271263	CHR5:4271263	SSF x LoA	-9,91809966	-0,045	0,299
CHR5	4273132	CHR5:4273132	SSF x LoA	-10,8723627	0,033	0,310
CHR5	4273161	CHR5:4273161	SSF x LoA	-8,26848876	-0,018	0,311
CHR5	4273270	CHR5:4273270	SSF x LoA	-8,05704647	0,044	0,309
CHR5	4273287	CHR5:4273287	SSF x LoA	-9,48035227	-0,034	0,307
CHR5	4274343	CHR5:4274343	SSF x LoA	-8,81068449	-0,081	0,306
CHR5	4274428	CHR5:4274428	SSF x LoA	-9,93354513	-0,034	0,300
CHR5	4274537	CHR5:4274537	SSF x LoA	-8,71632684	0,097	0,300
CHR5	4274550	CHR5:4274550	SSF x LoA	-10,1025483	0,133	0,306
CHR5	4274565	CHR5:4274565	SSF x LoA	-8,45810747	0,053	0,321
CHR5	4274597	CHR5:4274597	SSF x LoA	-10,8214363	0,021	0,300
CHR5	427937	CHR5:427937	SSF x LoA	-7,31000111	0,130	0,302
CHR5	428009	CHR5:428009	SSF x LoA	-10,6361058	0,052	0,300
CHR5	428011	CHR5:428011	SSF x LoA	-11,5018381	0,039	0,293
CHR5	428115	CHR5:428115	SSF x LoA	-10,4016961	-0,028	0,315
CHR5	428120	CHR5:428120	SSF x LoA	-8,97589012	-0,064	0,314

CHR5	428178	CHR5:428178	SSF x LoA	-9,43354529	-0,004	0,311
CHR5	4285780	CHR5:4285780	SSF x LoA	-8,47878572	0,068	0,311
CHR5	4285785	CHR5:4285785	SSF x LoA	-8,7959608	0,049	0,304
CHR5	4285787	CHR5:4285787	SSF x LoA	-6,32607804	0,079	0,308
CHR5	4285792	CHR5:4285792	SSF x LoA	-10,1332932	-0,024	0,302
CHR5	4285818	CHR5:4285818	SSF x LoA	-5,40745585	0,086	0,303
CHR5	4285844	CHR5:4285844	SSF x LoA	-7,5115497	-0,059	0,317
CHR5	4285879	CHR5:4285879	SSF x LoA	-8,74493756	0,104	0,307
CHR5	4285887	CHR5:4285887	SSF x LoA	-10,1732108	0,064	0,301
CHR5	4285890	CHR5:4285890	SSF x LoA	-9,82991986	0,038	0,309
CHR5	4289067	CHR5:4289067	SSF x LoA	-10,9674621	0,028	0,312
CHR5	4289090	CHR5:4289090	SSF x LoA	-9,18428609	0,064	0,306
CHR5	4291330	CHR5:4291330	SSF x LoA	-8,7785605	0,004	0,305
CHR5	4291331	CHR5:4291331	SSF x LoA	-9,39591328	0,028	0,318
CHR5	4291336	CHR5:4291336	SSF x LoA	-8,20937486	0,040	0,314
CHR5	4291408	CHR5:4291408	SSF x LoA	-9,67096116	-0,014	0,316
CHR5	4291417	CHR5:4291417	SSF x LoA	-9,13067571	0,052	0,314
CHR5	4291724	CHR5:4291724	SSF x LoA	-9,26169526	-0,007	0,311
CHR5	4295515	CHR5:4295515	SSF x LoA	-3,12244684	-0,013	0,312
CHR5	4295520	CHR5:4295520	SSF x LoA	-8,74758458	0,045	0,307
CHR5	4295530	CHR5:4295530	SSF x LoA	-9,40342259	-0,028	0,313
CHR5	4295541	CHR5:4295541	SSF x LoA	-6,14143553	-0,081	0,306
CHR5	4295553	CHR5:4295553	SSF x LoA	-8,36920339	0,046	0,310
CHR5	4295598	CHR5:4295598	SSF x LoA	-9,23386743	0,015	0,314
CHR5	4295616	CHR5:4295616	SSF x LoA	-9,69899674	-0,098	0,308
CHR5	4295619	CHR5:4295619	SSF x LoA	-9,87379336	-0,037	0,305
CHR5	4295652	CHR5:4295652	SSF x LoA	-9,45786423	-0,038	0,306
CHR5	429568	CHR5:429568	SSF x LoA	-9,70704521	0,107	0,297
CHR5	4295738	CHR5:4295738	SSF x LoA	-9,64824482	0,108	0,319
CHR5	429588	CHR5:429588	SSF x LoA	-9,31362874	0,104	0,309
CHR5	429615	CHR5:429615	SSF x LoA	-10,1761445	-0,013	0,313
CHR5	429653	CHR5:429653	SSF x LoA	-9,77724545	-0,108	0,295
CHR5	4302166	CHR5:4302166	SSF x LoA	-4,98899349	-0,005	0,303
CHR5	4302249	CHR5:4302249	SSF x LoA	-10,1311193	-0,067	0,299
CHR5	4308022	CHR5:4308022	SSF x LoA	-9,39381407	0,088	0,293
CHR5	4308049	CHR5:4308049	SSF x LoA	-10,873655	-0,054	0,300
CHR5	4308055	CHR5:4308055	SSF x LoA	-9,61718093	0,045	0,307
CHR5	4308188	CHR5:4308188	SSF x LoA	-9,30155238	-0,055	0,308
CHR5	4308276	CHR5:4308276	SSF x LoA	-9,60132913	-0,025	0,297
CHR5	4317550	CHR5:4317550	SSF x LoA	-10,1865025	-0,099	0,297
CHR5	4317583	CHR5:4317583	SSF x LoA	-8,88350159	-0,026	0,308
CHR5	4317630	CHR5:4317630	SSF x LoA	-6,73033346	0,156	0,302
CHR5	4317693	CHR5:4317693	SSF x LoA	-5,95794681	-0,073	0,325
CHR5	4317718	CHR5:4317718	SSF x LoA	-11,0134091	0,011	0,313
CHR5	4319341	CHR5:4319341	SSF x LoA	-9,16738643	0,054	0,304
CHR5	4321548	CHR5:4321548	SSF x LoA	-7,63841797	-0,100	0,311
CHR5	4324866	CHR5:4324866	SSF x LoA	-8,48655065	-0,013	0,315
CHR5	4330530	CHR5:4330530	SSF x LoA	-8,34812548	-0,039	0,317
CHR5	4330566	CHR5:4330566	SSF x LoA	-6,25410188	0,067	0,307
CHR5	4330573	CHR5:4330573	SSF x LoA	-8,45094862	0,050	0,285
CHR5	4330578	CHR5:4330578	SSF x LoA	-9,13359906	0,048	0,298
CHR5	4339031	CHR5:4339031	SSF x LoA	-7,58387632	0,129	0,292
CHR5	4339052	CHR5:4339052	SSF x LoA	-8,97982878	-0,114	0,317

CHR5	4339071	CHR5:4339071	SSF x LoA	-7,45001798	-0,132	0,317
CHR5	4339104	CHR5:4339104	SSF x LoA	-10,5515557	0,102	0,296
CHR5	4339170	CHR5:4339170	SSF x LoA	-11,7550017	0,004	0,291
CHR5	4352844	CHR5:4352844	SSF x LoA	-9,4643396	0,075	0,293
CHR5	4352911	CHR5:4352911	SSF x LoA	-10,2384561	0,002	0,291
CHR5	4356121	CHR5:4356121	SSF x LoA	-12,2346897	0,044	0,303
CHR5	4356464	CHR5:4356464	SSF x LoA	-10,2175919	-0,033	0,312
CHR5	4362615	CHR5:4362615	SSF x LoA	-7,93843609	0,125	0,303
CHR5	4367551	CHR5:4367551	SSF x LoA	-7,87471097	-0,165	0,297
CHR5	4374901	CHR5:4374901	SSF x LoA	-9,10787861	0,049	0,309
CHR5	4374933	CHR5:4374933	SSF x LoA	-8,61075962	-0,008	0,296
CHR5	4374948	CHR5:4374948	SSF x LoA	-11,7358415	0,086	0,299
CHR5	4375058	CHR5:4375058	SSF x LoA	-10,07552	0,067	0,309
CHR5	4375071	CHR5:4375071	SSF x LoA	-8,45554013	-0,087	0,311
CHR5	4377648	CHR5:4377648	SSF x LoA	-8,97364775	0,057	0,305
CHR5	4377761	CHR5:4377761	SSF x LoA	-9,46949054	-0,105	0,302
CHR5	4377799	CHR5:4377799	SSF x LoA	-11,5887125	-0,002	0,304
CHR5	4377833	CHR5:4377833	SSF x LoA	-11,5190508	-0,024	0,290
CHR5	4377834	CHR5:4377834	SSF x LoA	-8,78055044	-0,013	0,318
CHR5	439431	CHR5:439431	SSF x LoA	-10,1336517	0,125	0,305
CHR5	439572	CHR5:439572	SSF x LoA	-7,94107265	-0,081	0,310
CHR5	4396691	CHR5:4396691	SSF x LoA	-10,0188556	-0,082	0,301
CHR5	4400894	CHR5:4400894	SSF x LoA	-11,291016	-0,054	0,303
CHR5	4400952	CHR5:4400952	SSF x LoA	-10,2983829	-0,121	0,307
CHR5	4401193	CHR5:4401193	SSF x LoA	-7,52879869	0,060	0,322
CHR5	4401197	CHR5:4401197	SSF x LoA	-10,6936906	0,031	0,311
CHR5	4401202	CHR5:4401202	SSF x LoA	-12,334895	0,034	0,310
CHR5	4401252	CHR5:4401252	SSF x LoA	-9,95868485	-0,112	0,312
CHR5	440568	CHR5:440568	SSF x LoA	-7,78034511	-0,073	0,319
CHR5	440671	CHR5:440671	SSF x LoA	-9,1890447	0,059	0,297
CHR5	4410987	CHR5:4410987	SSF x LoA	-8,17123651	-0,022	0,308
CHR5	4417117	CHR5:4417117	SSF x LoA	-10,5081534	0,059	0,297
CHR5	4420044	CHR5:4420044	SSF x LoA	-9,1458523	0,054	0,309
CHR5	4420118	CHR5:4420118	SSF x LoA	-9,2622332	0,117	0,300
CHR5	4426137	CHR5:4426137	SSF x LoA	-7,9536623	0,135	0,302
CHR5	4426181	CHR5:4426181	SSF x LoA	-10,7078799	-0,018	0,314
CHR5	4426182	CHR5:4426182	SSF x LoA	-10,8898878	0,009	0,310
CHR5	4426213	CHR5:4426213	SSF x LoA	-7,23453241	0,053	0,291
CHR5	4426241	CHR5:4426241	SSF x LoA	-9,27542532	0,090	0,301
CHR5	4426256	CHR5:4426256	SSF x LoA	-9,70061649	0,042	0,304
CHR5	4426264	CHR5:4426264	SSF x LoA	-10,6315625	-0,011	0,313
CHR5	4427429	CHR5:4427429	SSF x LoA	-10,9580875	-0,009	0,304
CHR5	4429385	CHR5:4429385	SSF x LoA	-10,5265286	-0,033	0,299
CHR5	4429544	CHR5:4429544	SSF x LoA	-0,8010881	0,010	0,312
CHR5	4434832	CHR5:4434832	SSF x LoA	-7,93556531	0,013	0,316
CHR5	4439441	CHR5:4439441	SSF x LoA	-9,21449626	-0,087	0,297
CHR5	4439622	CHR5:4439622	SSF x LoA	-9,03380887	-0,116	0,310
CHR5	4448761	CHR5:4448761	SSF x LoA	-9,14300893	0,005	0,308
CHR5	4448762	CHR5:4448762	SSF x LoA	-9,5037015	0,001	0,303
CHR5	4453496	CHR5:4453496	SSF x LoA	-4,98033054	-0,083	0,303
CHR5	4458316	CHR5:4458316	SSF x LoA	-5,22111564	-0,112	0,309
CHR5	4458505	CHR5:4458505	SSF x LoA	-11,2642136	-0,002	0,309
CHR5	4462616	CHR5:4462616	SSF x LoA	-9,69190903	0,015	0,309

CHR5	4462632	CHR5:4462632	SSF x LoA	-8,1878497	-0,004	0,317
CHR5	4462677	CHR5:4462677	SSF x LoA	-5,11004595	-0,144	0,296
CHR5	446672	CHR5:446672	SSF x LoA	-7,00371069	-0,064	0,319
CHR5	446720	CHR5:446720	SSF x LoA	-9,4230695	-0,060	0,303
CHR5	446721	CHR5:446721	SSF x LoA	-10,8610169	0,097	0,301
CHR5	446735	CHR5:446735	SSF x LoA	-9,11101388	-0,038	0,320
CHR5	446758	CHR5:446758	SSF x LoA	-10,4101792	-0,092	0,315
CHR5	4470869	CHR5:4470869	SSF x LoA	-9,23226703	0,108	0,302
CHR5	4470872	CHR5:4470872	SSF x LoA	-9,39743851	0,062	0,301
CHR5	4479114	CHR5:4479114	SSF x LoA	-6,11250455	0,150	0,288
CHR5	4484561	CHR5:4484561	SSF x LoA	-8,89367338	0,036	0,319
CHR5	4484761	CHR5:4484761	SSF x LoA	-7,53892181	-0,109	0,304
CHR5	4487609	CHR5:4487609	SSF x LoA	-10,8383223	-0,022	0,307
CHR5	4487675	CHR5:4487675	SSF x LoA	-10,6374575	-0,095	0,302
CHR5	4489619	CHR5:4489619	SSF x LoA	-7,04242895	0,076	0,313
CHR5	4489742	CHR5:4489742	SSF x LoA	-10,8814446	0,087	0,307
CHR5	4495977	CHR5:4495977	SSF x LoA	-9,90330022	0,042	0,299
CHR5	449750	CHR5:449750	SSF x LoA	-10,1440148	-0,038	0,297
CHR5	449764	CHR5:449764	SSF x LoA	-7,93044247	0,008	0,325
CHR5	4497842	CHR5:4497842	SSF x LoA	-7,89000266	-0,180	0,298
CHR5	4497866	CHR5:4497866	SSF x LoA	-6,68261567	-0,011	0,310
CHR5	4501147	CHR5:4501147	SSF x LoA	-3,24304284	-0,026	0,313
CHR5	450182	CHR5:450182	SSF x LoA	-10,7423997	-0,049	0,287
CHR5	4502004	CHR5:4502004	SSF x LoA	-8,30055734	-0,067	0,322
CHR5	4512532	CHR5:4512532	SSF x LoA	-10,4465741	0,049	0,316
CHR5	4539679	CHR5:4539679	SSF x LoA	-7,37524518	-0,032	0,312
CHR5	4539753	CHR5:4539753	SSF x LoA	-9,45319898	-0,021	0,308
CHR5	4539754	CHR5:4539754	SSF x LoA	-7,5333475	-0,044	0,310
CHR5	4539812	CHR5:4539812	SSF x LoA	-8,30852645	-0,095	0,307
CHR5	4539823	CHR5:4539823	SSF x LoA	-9,77667	-0,004	0,306
CHR5	4539858	CHR5:4539858	SSF x LoA	-5,21706667	0,203	0,294
CHR5	4539860	CHR5:4539860	SSF x LoA	-9,84084468	0,017	0,293
CHR5	4543341	CHR5:4543341	SSF x LoA	-8,04874566	-0,117	0,310
CHR5	4543379	CHR5:4543379	SSF x LoA	-7,05905214	-0,152	0,298
CHR5	4548962	CHR5:4548962	SSF x LoA	-7,20594337	-0,075	0,317
CHR5	4548964	CHR5:4548964	SSF x LoA	-9,32262396	-0,045	0,318
CHR5	4549078	CHR5:4549078	SSF x LoA	-6,8353882	-0,162	0,296
CHR5	4549090	CHR5:4549090	SSF x LoA	-7,04968666	0,153	0,295
CHR5	4551591	CHR5:4551591	SSF x LoA	-11,1531566	-0,095	0,302
CHR5	4551598	CHR5:4551598	SSF x LoA	-11,2045459	-0,023	0,319
CHR5	4555392	CHR5:4555392	SSF x LoA	-9,05118536	0,109	0,300
CHR5	4555411	CHR5:4555411	SSF x LoA	-10,1112458	-0,027	0,313
CHR5	4570338	CHR5:4570338	SSF x LoA	-5,31923119	-0,120	0,301
CHR5	4570406	CHR5:4570406	SSF x LoA	-9,76910618	0,033	0,312
CHR5	4571226	CHR5:4571226	SSF x LoA	-8,58382219	0,067	0,302
CHR5	4571235	CHR5:4571235	SSF x LoA	-8,6659314	0,031	0,310
CHR5	457685	CHR5:457685	SSF x LoA	-11,1075189	0,108	0,300
CHR5	457725	CHR5:457725	SSF x LoA	-7,9087013	0,049	0,311
CHR5	457763	CHR5:457763	SSF x LoA	-11,1135643	-0,019	0,310
CHR5	457900	CHR5:457900	SSF x LoA	-10,6516452	0,072	0,315
CHR5	4581835	CHR5:4581835	SSF x LoA	-12,4654451	0,026	0,309
CHR5	4581897	CHR5:4581897	SSF x LoA	-10,5795011	-0,015	0,312
CHR5	4596328	CHR5:4596328	SSF x LoA	-9,44964308	0,027	0,299

CHR5	4596344	CHR5:4596344	SSF x LoA	-11,1123031	0,065	0,302
CHR5	4596422	CHR5:4596422	SSF x LoA	-8,84710835	-0,034	0,315
CHR5	4607203	CHR5:4607203	SSF x LoA	-4,38771474	-0,018	0,313
CHR5	4639219	CHR5:4639219	SSF x LoA	-10,0443362	-0,041	0,286
CHR5	4639272	CHR5:4639272	SSF x LoA	-6,48363439	-0,081	0,301
CHR5	4654009	CHR5:4654009	SSF x LoA	-10,6742784	-0,010	0,309
CHR5	465869	CHR5:465869	SSF x LoA	-8,3333507	-0,083	0,297
CHR5	465878	CHR5:465878	SSF x LoA	-4,52028686	0,030	0,310
CHR5	465879	CHR5:465879	SSF x LoA	-6,82286111	0,065	0,311
CHR5	465946	CHR5:465946	SSF x LoA	-9,22943404	-0,097	0,299
CHR5	465972	CHR5:465972	SSF x LoA	-7,36844082	-0,082	0,328
CHR5	466035	CHR5:466035	SSF x LoA	-9,66087449	-0,093	0,298
CHR5	4679218	CHR5:4679218	SSF x LoA	-11,5021408	0,024	0,300
CHR5	4691947	CHR5:4691947	SSF x LoA	-10,9391233	0,014	0,297
CHR5	4708721	CHR5:4708721	SSF x LoA	-7,65561977	-0,077	0,306
CHR5	4717845	CHR5:4717845	SSF x LoA	-7,50971994	0,041	0,309
CHR5	472898	CHR5:472898	SSF x LoA	-7,39535279	-0,016	0,325
CHR5	4730697	CHR5:4730697	SSF x LoA	-10,5823036	-0,071	0,315
CHR5	4730815	CHR5:4730815	SSF x LoA	-11,9668321	0,028	0,304
CHR5	4733753	CHR5:4733753	SSF x LoA	-9,63512365	0,030	0,311
CHR5	4748482	CHR5:4748482	SSF x LoA	-8,64253541	0,150	0,310
CHR5	4763924	CHR5:4763924	SSF x LoA	-10,3197894	0,046	0,296
CHR5	4763982	CHR5:4763982	SSF x LoA	-9,33953286	0,050	0,306
CHR5	4764010	CHR5:4764010	SSF x LoA	-10,9565696	0,038	0,309
CHR5	4764180	CHR5:4764180	SSF x LoA	-8,71583694	-0,105	0,302
CHR5	4767841	CHR5:4767841	SSF x LoA	-7,65891936	-0,071	0,317
CHR5	4772325	CHR5:4772325	SSF x LoA	-4,25863381	0,068	0,310
CHR5	4777612	CHR5:4777612	SSF x LoA	-11,242645	-0,012	0,309
CHR5	4777622	CHR5:4777622	SSF x LoA	-10,3651006	0,121	0,307
CHR5	4777655	CHR5:4777655	SSF x LoA	-11,7288646	-0,014	0,294
CHR5	4777683	CHR5:4777683	SSF x LoA	-9,33772666	0,113	0,319
CHR5	4781965	CHR5:4781965	SSF x LoA	-11,416075	0,036	0,300
CHR5	4795524	CHR5:4795524	SSF x LoA	-11,0762603	0,039	0,312
CHR5	4795589	CHR5:4795589	SSF x LoA	-9,35790317	-0,089	0,312
CHR5	4795627	CHR5:4795627	SSF x LoA	-9,64214934	-0,081	0,303
CHR5	4800692	CHR5:4800692	SSF x LoA	-11,0186349	-0,073	0,317
CHR5	4800716	CHR5:4800716	SSF x LoA	-9,36651064	-0,010	0,303
CHR5	4800813	CHR5:4800813	SSF x LoA	-10,5936815	-0,054	0,308
CHR5	4803466	CHR5:4803466	SSF x LoA	-11,5609323	-0,038	0,294
CHR5	4809880	CHR5:4809880	SSF x LoA	-10,8679481	0,009	0,286
CHR5	4809949	CHR5:4809949	SSF x LoA	-9,25856984	0,040	0,295
CHR5	4809951	CHR5:4809951	SSF x LoA	-10,0708233	0,046	0,296
CHR5	4813308	CHR5:4813308	SSF x LoA	-8,9893968	-0,112	0,301
CHR5	4813371	CHR5:4813371	SSF x LoA	-11,8446555	0,040	0,311
CHR5	4815210	CHR5:4815210	SSF x LoA	-7,50166252	0,027	0,314
CHR5	4819913	CHR5:4819913	SSF x LoA	3,93818979	-0,026	0,315
CHR5	4820035	CHR5:4820035	SSF x LoA	-8,97277546	0,065	0,315
CHR5	4847391	CHR5:4847391	SSF x LoA	-9,32508547	-0,011	0,305
CHR5	4847501	CHR5:4847501	SSF x LoA	-8,37239079	-0,049	0,300
CHR5	4859415	CHR5:4859415	SSF x LoA	-10,3549848	-0,013	0,308
CHR5	4864925	CHR5:4864925	SSF x LoA	-11,4299207	-0,028	0,297
CHR5	4865121	CHR5:4865121	SSF x LoA	-10,2084133	-0,079	0,300
CHR5	4865140	CHR5:4865140	SSF x LoA	-6,12466137	0,043	0,302

CHR5	4868113	CHR5:4868113	SSF x LoA	-8,5173481	-0,006	0,310
CHR5	4868196	CHR5:4868196	SSF x LoA	-9,06940257	0,057	0,307
CHR5	4869422	CHR5:4869422	SSF x LoA	-9,83473476	-0,006	0,304
CHR5	4869526	CHR5:4869526	SSF x LoA	-10,1295484	-0,066	0,310
CHR5	4869582	CHR5:4869582	SSF x LoA	-6,38158015	-0,084	0,313
CHR5	4869606	CHR5:4869606	SSF x LoA	-9,5277785	0,014	0,298
CHR5	4869612	CHR5:4869612	SSF x LoA	-6,96739664	-0,026	0,301
CHR5	4869613	CHR5:4869613	SSF x LoA	-10,7156785	0,035	0,302
CHR5	4872170	CHR5:4872170	SSF x LoA	-11,5065073	0,005	0,308
CHR5	4874791	CHR5:4874791	SSF x LoA	-8,63734756	0,028	0,308
CHR5	4874803	CHR5:4874803	SSF x LoA	-8,01764853	-0,039	0,324
CHR5	4874826	CHR5:4874826	SSF x LoA	-8,96791883	0,015	0,312
CHR5	4874896	CHR5:4874896	SSF x LoA	-8,38597752	0,069	0,300
CHR5	4874959	CHR5:4874959	SSF x LoA	-9,9300956	0,008	0,306
CHR5	4876986	CHR5:4876986	SSF x LoA	-10,8217505	-0,115	0,297
CHR5	4877054	CHR5:4877054	SSF x LoA	-11,3593597	-0,085	0,310
CHR5	4877165	CHR5:4877165	SSF x LoA	-10,1103381	-0,044	0,290
CHR5	4887137	CHR5:4887137	SSF x LoA	-9,30399542	0,131	0,305
CHR5	4889692	CHR5:4889692	SSF x LoA	-8,77956996	0,153	0,306
CHR5	4889704	CHR5:4889704	SSF x LoA	-10,9193961	0,041	0,302
CHR5	4905015	CHR5:4905015	SSF x LoA	-9,03131562	-0,139	0,297
CHR5	4905025	CHR5:4905025	SSF x LoA	-12,1803386	-0,055	0,301
CHR5	4905199	CHR5:4905199	SSF x LoA	-10,9436953	-0,046	0,306
CHR5	4905303	CHR5:4905303	SSF x LoA	-10,8281445	0,020	0,306
CHR5	4937195	CHR5:4937195	SSF x LoA	-9,23974244	0,067	0,314
CHR5	4937990	CHR5:4937990	SSF x LoA	-9,20028883	0,073	0,311
CHR5	4953766	CHR5:4953766	SSF x LoA	-9,10250282	0,070	0,315
CHR5	4953834	CHR5:4953834	SSF x LoA	-8,78158228	0,140	0,300
CHR5	4953840	CHR5:4953840	SSF x LoA	-11,3211064	-0,066	0,301
CHR5	4953888	CHR5:4953888	SSF x LoA	-8,82570847	-0,016	0,312
CHR5	4953892	CHR5:4953892	SSF x LoA	-9,53969101	0,083	0,305
CHR5	4955042	CHR5:4955042	SSF x LoA	-8,99510382	0,061	0,317
CHR5	4955093	CHR5:4955093	SSF x LoA	-8,32731966	0,169	0,304
CHR5	4955095	CHR5:4955095	SSF x LoA	-10,5250163	-0,003	0,322
CHR5	4955123	CHR5:4955123	SSF x LoA	-8,95405323	-0,038	0,302
CHR5	4959468	CHR5:4959468	SSF x LoA	-8,71197599	0,112	0,306
CHR5	4959652	CHR5:4959652	SSF x LoA	-10,0563465	-0,069	0,312
CHR5	4977827	CHR5:4977827	SSF x LoA	-8,49110335	0,104	0,303
CHR5	4977859	CHR5:4977859	SSF x LoA	-9,51915392	0,044	0,306
CHR5	4977868	CHR5:4977868	SSF x LoA	-8,67002969	0,110	0,306
CHR5	4977969	CHR5:4977969	SSF x LoA	-10,8914048	-0,037	0,309
CHR5	4978047	CHR5:4978047	SSF x LoA	-9,41325099	-0,109	0,307
CHR5	49831	CHR5:49831	SSF x LoA	-7,9694136	0,005	0,311
CHR5	4986475	CHR5:4986475	SSF x LoA	-10,9561793	0,105	0,311
CHR5	4986476	CHR5:4986476	SSF x LoA	-10,1963927	-0,005	0,285
CHR5	4986520	CHR5:4986520	SSF x LoA	-9,33343868	0,075	0,298
CHR5	4986588	CHR5:4986588	SSF x LoA	-9,13127316	-0,089	0,318
CHR5	4986599	CHR5:4986599	SSF x LoA	-11,3127028	-0,022	0,310
CHR5	4991800	CHR5:4991800	SSF x LoA	-9,47415597	0,121	0,301
CHR5	4992037	CHR5:4992037	SSF x LoA	-9,7390854	0,036	0,310
CHR5	4992068	CHR5:4992068	SSF x LoA	-10,7945021	0,165	0,297
CHR5	4992109	CHR5:4992109	SSF x LoA	-9,11156589	-0,113	0,307
CHR5	4992140	CHR5:4992140	SSF x LoA	-8,7262962	0,084	0,314

CHR5	4992163	CHR5:4992163	SSF x LoA	-8,46357369	0,127	0,296
CHR5	4999144	CHR5:4999144	SSF x LoA	-12,5672081	0,047	0,295
CHR5	4999173	CHR5:4999173	SSF x LoA	-8,31967205	-0,057	0,272
CHR5	5009098	CHR5:5009098	SSF x LoA	-9,14799929	-0,037	0,300
CHR5	5011891	CHR5:5011891	SSF x LoA	-11,212771	-0,036	0,318
CHR5	50121	CHR5:50121	SSF x LoA	-5,93958023	-0,058	0,315
CHR5	5022163	CHR5:5022163	SSF x LoA	-0,94685043	-0,019	0,311
CHR5	5024263	CHR5:5024263	SSF x LoA	-9,20550964	-0,023	0,298
CHR5	5028237	CHR5:5028237	SSF x LoA	-7,00941293	0,129	0,303
CHR5	5028467	CHR5:5028467	SSF x LoA	-6,00292089	-0,172	0,293
CHR5	5042384	CHR5:5042384	SSF x LoA	-10,4245128	0,000	0,297
CHR5	5042394	CHR5:5042394	SSF x LoA	-5,8412073	0,128	0,312
CHR5	5042395	CHR5:5042395	SSF x LoA	-7,5183651	0,089	0,310
CHR5	5042408	CHR5:5042408	SSF x LoA	-10,2743077	0,051	0,314
CHR5	5042508	CHR5:5042508	SSF x LoA	-7,27219974	-0,143	0,308
CHR5	5042511	CHR5:5042511	SSF x LoA	-5,06902639	0,110	0,308
CHR5	5042516	CHR5:5042516	SSF x LoA	-10,9015091	-0,109	0,305
CHR5	5042541	CHR5:5042541	SSF x LoA	-9,34776127	0,015	0,314
CHR5	5042567	CHR5:5042567	SSF x LoA	-10,1886936	-0,029	0,310
CHR5	5042593	CHR5:5042593	SSF x LoA	-10,3947526	0,033	0,298
CHR5	5049803	CHR5:5049803	SSF x LoA	-8,80277692	0,086	0,320
CHR5	5049861	CHR5:5049861	SSF x LoA	-9,03034863	0,012	0,298
CHR5	5049881	CHR5:5049881	SSF x LoA	-7,27508941	0,000	0,318
CHR5	5049886	CHR5:5049886	SSF x LoA	-8,70846166	0,010	0,305
CHR5	5049898	CHR5:5049898	SSF x LoA	-11,6400354	-0,025	0,302
CHR5	5049990	CHR5:5049990	SSF x LoA	-11,0315634	0,001	0,316
CHR5	5049997	CHR5:5049997	SSF x LoA	-11,8814499	-0,016	0,299
CHR5	5050025	CHR5:5050025	SSF x LoA	-9,10835483	0,021	0,308
CHR5	5058462	CHR5:5058462	SSF x LoA	-10,4104251	0,081	0,288
CHR5	5058524	CHR5:5058524	SSF x LoA	-8,86136392	-0,009	0,304
CHR5	5058537	CHR5:5058537	SSF x LoA	-10,6950282	0,006	0,301
CHR5	5058538	CHR5:5058538	SSF x LoA	-11,0616769	-0,006	0,317
CHR5	5058557	CHR5:5058557	SSF x LoA	-9,17483824	0,030	0,310
CHR5	5058569	CHR5:5058569	SSF x LoA	-9,23022055	0,011	0,301
CHR5	5058596	CHR5:5058596	SSF x LoA	-8,95234236	0,023	0,303
CHR5	5059712	CHR5:5059712	SSF x LoA	-8,62917057	-0,075	0,319
CHR5	5070146	CHR5:5070146	SSF x LoA	-11,494216	0,038	0,306
CHR5	5076710	CHR5:5076710	SSF x LoA	-11,0416522	0,028	0,303
CHR5	5076721	CHR5:5076721	SSF x LoA	-13,1247412	0,032	0,289
CHR5	5076729	CHR5:5076729	SSF x LoA	-11,23434	0,018	0,288
CHR5	5079710	CHR5:5079710	SSF x LoA	-10,0338115	0,051	0,296
CHR5	5079781	CHR5:5079781	SSF x LoA	-7,92670979	0,049	0,314
CHR5	510783	CHR5:510783	SSF x LoA	-9,05683724	-0,145	0,310
CHR5	5110671	CHR5:5110671	SSF x LoA	-6,15205028	-0,130	0,304
CHR5	5110709	CHR5:5110709	SSF x LoA	-9,44224697	-0,002	0,305
CHR5	5110781	CHR5:5110781	SSF x LoA	-8,95006541	0,079	0,324
CHR5	5110819	CHR5:5110819	SSF x LoA	-11,22137	0,035	0,306
CHR5	5135786	CHR5:5135786	SSF x LoA	-11,4026395	-0,073	0,313
CHR5	5135895	CHR5:5135895	SSF x LoA	-11,3207806	0,073	0,306
CHR5	5136023	CHR5:5136023	SSF x LoA	-11,85501	-0,049	0,305
CHR5	5139094	CHR5:5139094	SSF x LoA	-11,5269701	0,012	0,304
CHR5	5139312	CHR5:5139312	SSF x LoA	-9,28478898	-0,074	0,310
CHR5	5139331	CHR5:5139331	SSF x LoA	-9,36432826	-0,167	0,300

CHR5	5156711	CHR5:5156711	SSF x LoA	-8,57256382	-0,062	0,319
CHR5	5156785	CHR5:5156785	SSF x LoA	-10,0649284	-0,140	0,300
CHR5	5156799	CHR5:5156799	SSF x LoA	-8,07930481	-0,113	0,310
CHR5	5156856	CHR5:5156856	SSF x LoA	-10,9135952	-0,035	0,293
CHR5	5156890	CHR5:5156890	SSF x LoA	-5,93460052	-0,102	0,300
CHR5	5156900	CHR5:5156900	SSF x LoA	-7,60869102	-0,141	0,303
CHR5	5156902	CHR5:5156902	SSF x LoA	-8,33870339	-0,101	0,312
CHR5	5156904	CHR5:5156904	SSF x LoA	-8,41052989	-0,080	0,304
CHR5	5156915	CHR5:5156915	SSF x LoA	-7,07445111	-0,106	0,310
CHR5	5163415	CHR5:5163415	SSF x LoA	-8,1243012	-0,126	0,318
CHR5	5163677	CHR5:5163677	SSF x LoA	4,37161591	-0,032	0,312
CHR5	5165373	CHR5:5165373	SSF x LoA	-4,76527705	-0,256	0,281
CHR5	5168634	CHR5:5168634	SSF x LoA	-10,3473068	0,101	0,302
CHR5	5168686	CHR5:5168686	SSF x LoA	-7,73720835	-0,102	0,289
CHR5	5169554	CHR5:5169554	SSF x LoA	-10,669224	0,015	0,317
CHR5	5169710	CHR5:5169710	SSF x LoA	-10,9066328	0,031	0,305
CHR5	5169712	CHR5:5169712	SSF x LoA	-8,18055058	-0,017	0,306
CHR5	5174026	CHR5:5174026	SSF x LoA	-7,84298787	-0,100	0,310
CHR5	5174045	CHR5:5174045	SSF x LoA	-7,87486434	-0,006	0,308
CHR5	5174089	CHR5:5174089	SSF x LoA	-10,4872951	0,029	0,314
CHR5	5193009	CHR5:5193009	SSF x LoA	-10,2024929	-0,065	0,309
CHR5	5193037	CHR5:5193037	SSF x LoA	-9,22887537	-0,014	0,290
CHR5	5193122	CHR5:5193122	SSF x LoA	-11,8416277	-0,030	0,304
CHR5	5194860	CHR5:5194860	SSF x LoA	-8,64296911	0,059	0,310
CHR5	5194890	CHR5:5194890	SSF x LoA	-6,08860127	-0,053	0,305
CHR5	5194932	CHR5:5194932	SSF x LoA	0,57492718	0,105	0,317
CHR5	5195018	CHR5:5195018	SSF x LoA	-8,47338373	0,017	0,321
CHR5	5195073	CHR5:5195073	SSF x LoA	-10,4137289	-0,041	0,311
CHR5	5203695	CHR5:5203695	SSF x LoA	-9,81635676	0,073	0,297
CHR5	5203742	CHR5:5203742	SSF x LoA	-8,32031824	0,144	0,304
CHR5	5211565	CHR5:5211565	SSF x LoA	-7,50937907	-0,127	0,303
CHR5	5211600	CHR5:5211600	SSF x LoA	-9,25270196	-0,019	0,318
CHR5	5211605	CHR5:5211605	SSF x LoA	-11,3997925	0,022	0,311
CHR5	5211632	CHR5:5211632	SSF x LoA	-8,56009664	0,031	0,319
CHR5	5211640	CHR5:5211640	SSF x LoA	-2,66614134	0,064	0,310
CHR5	5211663	CHR5:5211663	SSF x LoA	-7,80802804	0,072	0,313
CHR5	5216459	CHR5:5216459	SSF x LoA	-8,85006963	-0,059	0,297
CHR5	5216479	CHR5:5216479	SSF x LoA	-8,26741662	-0,032	0,309
CHR5	5216484	CHR5:5216484	SSF x LoA	-8,18179518	-0,171	0,296
CHR5	5216513	CHR5:5216513	SSF x LoA	-10,4685791	0,002	0,303
CHR5	5220821	CHR5:5220821	SSF x LoA	-8,68915912	0,033	0,309
CHR5	5221410	CHR5:5221410	SSF x LoA	-9,64263974	-0,061	0,298
CHR5	5221446	CHR5:5221446	SSF x LoA	-11,0995766	-0,048	0,314
CHR5	5221462	CHR5:5221462	SSF x LoA	-4,61776833	-0,023	0,301
CHR5	5221466	CHR5:5221466	SSF x LoA	-7,38488455	0,206	0,285
CHR5	5221469	CHR5:5221469	SSF x LoA	-8,59663232	0,074	0,299
CHR5	5221491	CHR5:5221491	SSF x LoA	-8,16807416	0,040	0,317
CHR5	5227583	CHR5:5227583	SSF x LoA	-7,54248934	0,018	0,317
CHR5	5234981	CHR5:5234981	SSF x LoA	-8,47517554	-0,004	0,304
CHR5	5235031	CHR5:5235031	SSF x LoA	-10,7432145	-0,030	0,312
CHR5	5235213	CHR5:5235213	SSF x LoA	-10,4529774	0,108	0,300
CHR5	5248929	CHR5:5248929	SSF x LoA	-5,35339864	0,157	0,308
CHR5	5248945	CHR5:5248945	SSF x LoA	-8,30619726	-0,135	0,298

CHR5	5249038	CHR5:5249038	SSF x LoA	-9,50358171	0,011	0,303
CHR5	5249136	CHR5:5249136	SSF x LoA	-8,66390949	0,027	0,309
CHR5	5252411	CHR5:5252411	SSF x LoA	-11,1086496	-0,076	0,299
CHR5	5260145	CHR5:5260145	SSF x LoA	-4,11113574	-0,109	0,311
CHR5	5260922	CHR5:5260922	SSF x LoA	-8,80362959	-0,016	0,308
CHR5	5260930	CHR5:5260930	SSF x LoA	-10,1289892	-0,069	0,301
CHR5	5260958	CHR5:5260958	SSF x LoA	-9,24287747	-0,059	0,304
CHR5	5260969	CHR5:5260969	SSF x LoA	2,49464065	0,034	0,298
CHR5	5260994	CHR5:5260994	SSF x LoA	-9,48312452	-0,102	0,306
CHR5	5261020	CHR5:5261020	SSF x LoA	-8,96712481	0,028	0,304
CHR5	5261043	CHR5:5261043	SSF x LoA	-9,50144621	0,002	0,312
CHR5	5261049	CHR5:5261049	SSF x LoA	-9,26598568	-0,062	0,306
CHR5	5261053	CHR5:5261053	SSF x LoA	-7,73480862	-0,097	0,318
CHR5	5268177	CHR5:5268177	SSF x LoA	-9,56471822	-0,060	0,298
CHR5	5276955	CHR5:5276955	SSF x LoA	-9,57723519	-0,014	0,316
CHR5	5277169	CHR5:5277169	SSF x LoA	-9,56506524	-0,014	0,313
CHR5	5277195	CHR5:5277195	SSF x LoA	-8,95295619	-0,036	0,312
CHR5	5277213	CHR5:5277213	SSF x LoA	-9,37661141	0,000	0,310
CHR5	5290009	CHR5:5290009	SSF x LoA	-9,46643582	0,002	0,314
CHR5	5290075	CHR5:5290075	SSF x LoA	-9,74221201	-0,051	0,314
CHR5	5290083	CHR5:5290083	SSF x LoA	-11,2170132	-0,014	0,307
CHR5	5290117	CHR5:5290117	SSF x LoA	-10,2983531	-0,052	0,303
CHR5	5290158	CHR5:5290158	SSF x LoA	-9,43268039	0,003	0,289
CHR5	5303341	CHR5:5303341	SSF x LoA	-9,59918981	0,066	0,311
CHR5	5309911	CHR5:5309911	SSF x LoA	-10,4271775	-0,083	0,305
CHR5	5309959	CHR5:5309959	SSF x LoA	-10,7543878	0,052	0,305
CHR5	5309981	CHR5:5309981	SSF x LoA	-9,5714438	0,013	0,303
CHR5	5309998	CHR5:5309998	SSF x LoA	-11,3006814	0,045	0,304
CHR5	5310045	CHR5:5310045	SSF x LoA	-8,14349415	0,073	0,320
CHR5	5315691	CHR5:5315691	SSF x LoA	-7,26235335	-0,007	0,319
CHR5	5338597	CHR5:5338597	SSF x LoA	-10,0329073	0,053	0,308
CHR5	5338769	CHR5:5338769	SSF x LoA	-11,6215938	0,049	0,320
CHR5	5362090	CHR5:5362090	SSF x LoA	-6,83411809	-0,171	0,297
CHR5	5362136	CHR5:5362136	SSF x LoA	-11,6333946	-0,051	0,307
CHR5	5375130	CHR5:5375130	SSF x LoA	-8,87516328	-0,068	0,330
CHR5	5382084	CHR5:5382084	SSF x LoA	-9,15329131	-0,093	0,302
CHR5	5382111	CHR5:5382111	SSF x LoA	-8,42894998	0,003	0,308
CHR5	5382116	CHR5:5382116	SSF x LoA	-9,64555627	-0,030	0,295
CHR5	5389941	CHR5:5389941	SSF x LoA	-10,8655425	0,048	0,299
CHR5	5389945	CHR5:5389945	SSF x LoA	-8,91362226	-0,084	0,310
CHR5	5391976	CHR5:5391976	SSF x LoA	-10,5199305	-0,028	0,294
CHR5	5392008	CHR5:5392008	SSF x LoA	-3,56586105	0,185	0,304
CHR5	5392204	CHR5:5392204	SSF x LoA	-9,6339725	0,070	0,312
CHR5	5392244	CHR5:5392244	SSF x LoA	-9,23626288	0,005	0,300
CHR5	5392304	CHR5:5392304	SSF x LoA	-6,90600047	-0,081	0,303
CHR5	5400377	CHR5:5400377	SSF x LoA	-10,1366249	-0,066	0,303
CHR5	5400484	CHR5:5400484	SSF x LoA	-2,9661821	-0,028	0,315
CHR5	5400509	CHR5:5400509	SSF x LoA	-10,610762	-0,027	0,301
CHR5	5400524	CHR5:5400524	SSF x LoA	-11,52759	-0,047	0,307
CHR5	5403454	CHR5:5403454	SSF x LoA	-7,46674856	0,064	0,311
CHR5	5409339	CHR5:5409339	SSF x LoA	-6,12089524	-0,094	0,310
CHR5	5409519	CHR5:5409519	SSF x LoA	-11,3605073	-0,078	0,300
CHR5	5410637	CHR5:5410637	SSF x LoA	-10,7154646	0,013	0,301

CHR5	5410764	CHR5:5410764	SSF x LoA	-8,54711632	-0,032	0,312
CHR5	5418026	CHR5:5418026	SSF x LoA	-8,88855312	-0,163	0,297
CHR5	5425436	CHR5:5425436	SSF x LoA	-8,97005843	-0,021	0,316
CHR5	5457356	CHR5:5457356	SSF x LoA	-4,21060293	-0,098	0,309
CHR5	5457359	CHR5:5457359	SSF x LoA	-6,64081134	-0,014	0,309
CHR5	5457370	CHR5:5457370	SSF x LoA	-6,48795877	0,103	0,305
CHR5	5457401	CHR5:5457401	SSF x LoA	-8,27926371	0,036	0,304
CHR5	5457443	CHR5:5457443	SSF x LoA	-8,70063076	-0,079	0,306
CHR5	5457476	CHR5:5457476	SSF x LoA	-4,98350439	-0,041	0,307
CHR5	5457568	CHR5:5457568	SSF x LoA	-10,4439341	0,069	0,303
CHR5	545967	CHR5:545967	SSF x LoA	-8,41141257	-0,009	0,325
CHR5	545980	CHR5:545980	SSF x LoA	-2,27629658	0,003	0,309
CHR5	545981	CHR5:545981	SSF x LoA	-9,05229092	-0,031	0,315
CHR5	546002	CHR5:546002	SSF x LoA	-8,93014278	0,001	0,313
CHR5	546012	CHR5:546012	SSF x LoA	-9,08731514	0,018	0,307
CHR5	546018	CHR5:546018	SSF x LoA	-4,63266854	-0,006	0,323
CHR5	546031	CHR5:546031	SSF x LoA	-9,12296711	-0,008	0,308
CHR5	5470093	CHR5:5470093	SSF x LoA	-7,75772143	-0,007	0,315
CHR5	5473511	CHR5:5473511	SSF x LoA	-8,97800067	-0,094	0,302
CHR5	5474576	CHR5:5474576	SSF x LoA	-8,95137945	0,014	0,311
CHR5	5476627	CHR5:5476627	SSF x LoA	-7,32402058	0,106	0,311
CHR5	5476666	CHR5:5476666	SSF x LoA	-9,10629029	0,007	0,313
CHR5	5476883	CHR5:5476883	SSF x LoA	-8,98413941	-0,065	0,301
CHR5	5479792	CHR5:5479792	SSF x LoA	-10,0054953	-0,099	0,303
CHR5	5480681	CHR5:5480681	SSF x LoA	-11,2256793	0,076	0,305
CHR5	5481784	CHR5:5481784	SSF x LoA	-7,6606156	-0,059	0,314
CHR5	5481809	CHR5:5481809	SSF x LoA	5,76314828	-0,018	0,326
CHR5	5491187	CHR5:5491187	SSF x LoA	-9,97881719	0,014	0,306
CHR5	5491233	CHR5:5491233	SSF x LoA	-12,0444985	0,003	0,308
CHR5	5491293	CHR5:5491293	SSF x LoA	-9,9120602	0,002	0,314
CHR5	5491390	CHR5:5491390	SSF x LoA	-11,1175299	-0,012	0,310
CHR5	5501604	CHR5:5501604	SSF x LoA	-9,88761367	0,004	0,297
CHR5	5501676	CHR5:5501676	SSF x LoA	-9,44219764	0,140	0,296
CHR5	5501991	CHR5:5501991	SSF x LoA	-10,7221428	-0,087	0,292
CHR5	5502001	CHR5:5502001	SSF x LoA	-6,70376846	-0,111	0,296
CHR5	5502075	CHR5:5502075	SSF x LoA	-10,9150523	-0,062	0,315
CHR5	5502141	CHR5:5502141	SSF x LoA	-9,12534309	-0,059	0,308
CHR5	5514893	CHR5:5514893	SSF x LoA	-8,47946708	-0,095	0,290
CHR5	5514996	CHR5:5514996	SSF x LoA	-8,41926512	0,055	0,301
CHR5	5519776	CHR5:5519776	SSF x LoA	-11,5647638	0,007	0,296
CHR5	5520016	CHR5:5520016	SSF x LoA	-2,20898751	-0,101	0,306
CHR5	5528662	CHR5:5528662	SSF x LoA	-9,47919864	-0,009	0,290
CHR5	5528671	CHR5:5528671	SSF x LoA	-8,61072465	0,099	0,290
CHR5	5539872	CHR5:5539872	SSF x LoA	-9,67622672	0,073	0,317
CHR5	5539899	CHR5:5539899	SSF x LoA	-11,6252357	-0,031	0,300
CHR5	5539918	CHR5:5539918	SSF x LoA	-10,2659554	-0,067	0,316
CHR5	5540029	CHR5:5540029	SSF x LoA	-6,65298119	-0,069	0,307
CHR5	5540050	CHR5:5540050	SSF x LoA	-6,26126773	-0,080	0,317
CHR5	5540563	CHR5:5540563	SSF x LoA	-10,9147565	-0,086	0,305
CHR5	5553413	CHR5:5553413	SSF x LoA	-6,65854109	0,179	0,301
CHR5	5553572	CHR5:5553572	SSF x LoA	-10,4278125	-0,119	0,297
CHR5	5573893	CHR5:5573893	SSF x LoA	-7,99089781	0,100	0,311
CHR5	5574130	CHR5:5574130	SSF x LoA	-8,93817566	-0,102	0,315

CHR5	5574196	CHR5:5574196	SSF x LoA	-11,3857927	0,005	0,325
CHR5	5574258	CHR5:5574258	SSF x LoA	-9,51932966	-0,032	0,306
CHR5	5583825	CHR5:5583825	SSF x LoA	-6,89782001	0,154	0,306
CHR5	5583826	CHR5:5583826	SSF x LoA	-5,66692817	0,178	0,309
CHR5	5584068	CHR5:5584068	SSF x LoA	-7,6874509	0,036	0,321
CHR5	5584112	CHR5:5584112	SSF x LoA	-10,299014	-0,117	0,301
CHR5	5589769	CHR5:5589769	SSF x LoA	-9,33689799	-0,072	0,304
CHR5	5589773	CHR5:5589773	SSF x LoA	-9,20428859	0,008	0,317
CHR5	5589858	CHR5:5589858	SSF x LoA	-7,58432903	-0,087	0,303
CHR5	5589907	CHR5:5589907	SSF x LoA	-9,18404872	0,085	0,320
CHR5	5595779	CHR5:5595779	SSF x LoA	-10,0526434	0,077	0,300
CHR5	5603130	CHR5:5603130	SSF x LoA	-6,55267917	-0,201	0,300
CHR5	5607566	CHR5:5607566	SSF x LoA	-10,4124158	0,077	0,321
CHR5	5610226	CHR5:5610226	SSF x LoA	-9,11834454	-0,015	0,308
CHR5	5610267	CHR5:5610267	SSF x LoA	-7,99739925	-0,131	0,314
CHR5	5612255	CHR5:5612255	SSF x LoA	-7,85817136	0,044	0,306
CHR5	5628192	CHR5:5628192	SSF x LoA	-8,46822804	0,076	0,306
CHR5	563390	CHR5:563390	SSF x LoA	-7,32273754	-0,031	0,324
CHR5	5634876	CHR5:5634876	SSF x LoA	-7,36492822	-0,043	0,309
CHR5	5634924	CHR5:5634924	SSF x LoA	-11,5370533	0,003	0,296
CHR5	5634933	CHR5:5634933	SSF x LoA	-10,0597289	0,068	0,308
CHR5	5634946	CHR5:5634946	SSF x LoA	-11,5072647	0,011	0,297
CHR5	5634985	CHR5:5634985	SSF x LoA	-11,5523961	0,032	0,306
CHR5	5635049	CHR5:5635049	SSF x LoA	-8,84109425	-0,053	0,316
CHR5	5635063	CHR5:5635063	SSF x LoA	-7,43918049	0,013	0,311
CHR5	5635091	CHR5:5635091	SSF x LoA	-8,03115082	0,011	0,309
CHR5	5635096	CHR5:5635096	SSF x LoA	-8,40801281	0,027	0,298
CHR5	5639914	CHR5:5639914	SSF x LoA	-10,8085348	0,061	0,285
CHR5	5639931	CHR5:5639931	SSF x LoA	-5,52149416	-0,189	0,280
CHR5	5639954	CHR5:5639954	SSF x LoA	-1,5838951	-0,198	0,276
CHR5	5640004	CHR5:5640004	SSF x LoA	-11,0054525	-0,016	0,302
CHR5	5640031	CHR5:5640031	SSF x LoA	-10,7765696	-0,099	0,294
CHR5	5640041	CHR5:5640041	SSF x LoA	-7,44557926	0,033	0,302
CHR5	5640061	CHR5:5640061	SSF x LoA	-7,34198817	-0,028	0,315
CHR5	5640128	CHR5:5640128	SSF x LoA	-11,4681214	-0,032	0,306
CHR5	5640132	CHR5:5640132	SSF x LoA	-8,80944237	-0,095	0,289
CHR5	5650138	CHR5:5650138	SSF x LoA	-7,55592441	0,086	0,320
CHR5	5650246	CHR5:5650246	SSF x LoA	-6,10192856	-0,157	0,302
CHR5	5651155	CHR5:5651155	SSF x LoA	-8,80540423	-0,010	0,308
CHR5	5660202	CHR5:5660202	SSF x LoA	-10,324465	-0,031	0,301
CHR5	5660237	CHR5:5660237	SSF x LoA	-8,31676367	0,030	0,325
CHR5	5660262	CHR5:5660262	SSF x LoA	-10,1282044	0,020	0,316
CHR5	5660273	CHR5:5660273	SSF x LoA	-11,4423502	-0,001	0,301
CHR5	5663274	CHR5:5663274	SSF x LoA	-9,02530926	-0,028	0,288
CHR5	5663296	CHR5:5663296	SSF x LoA	-11,02567	0,095	0,316
CHR5	5663325	CHR5:5663325	SSF x LoA	-11,1341521	0,063	0,308
CHR5	5663358	CHR5:5663358	SSF x LoA	-8,89311957	0,033	0,288
CHR5	5663402	CHR5:5663402	SSF x LoA	-8,26733653	0,124	0,296
CHR5	5663440	CHR5:5663440	SSF x LoA	-8,27071962	-0,095	0,297
CHR5	5668747	CHR5:5668747	SSF x LoA	-2,26421189	-0,144	0,281
CHR5	5668836	CHR5:5668836	SSF x LoA	-7,52834406	0,054	0,323
CHR5	5668848	CHR5:5668848	SSF x LoA	-9,33543827	0,029	0,308
CHR5	5668851	CHR5:5668851	SSF x LoA	-9,7134233	0,021	0,303

CHR5	5687174	CHR5:5687174	SSF x LoA	-4,84110414	-0,031	0,293
CHR5	5704184	CHR5:5704184	SSF x LoA	-8,77208465	-0,002	0,319
CHR5	5704253	CHR5:5704253	SSF x LoA	-6,66856098	0,023	0,314
CHR5	5704326	CHR5:5704326	SSF x LoA	-11,3864507	0,045	0,296
CHR5	5704472	CHR5:5704472	SSF x LoA	-7,74252188	-0,076	0,314
CHR5	570574	CHR5:570574	SSF x LoA	-6,57604146	-0,092	0,312
CHR5	5716110	CHR5:5716110	SSF x LoA	-10,4041475	0,079	0,314
CHR5	5716164	CHR5:5716164	SSF x LoA	-11,292843	-0,042	0,304
CHR5	5719883	CHR5:5719883	SSF x LoA	-12,1126978	-0,016	0,303
CHR5	5719925	CHR5:5719925	SSF x LoA	-11,853813	0,075	0,306
CHR5	5732361	CHR5:5732361	SSF x LoA	-11,6483093	-0,094	0,295
CHR5	5768844	CHR5:5768844	SSF x LoA	-9,52732708	0,066	0,315
CHR5	57836	CHR5:57836	SSF x LoA	-9,27591438	-0,030	0,299
CHR5	5800150	CHR5:5800150	SSF x LoA	-10,5096127	-0,111	0,308
CHR5	5800151	CHR5:5800151	SSF x LoA	-11,477661	0,019	0,320
CHR5	5803625	CHR5:5803625	SSF x LoA	-8,16807124	0,055	0,296
CHR5	5825059	CHR5:5825059	SSF x LoA	-4,70526249	0,075	0,308
CHR5	5825148	CHR5:5825148	SSF x LoA	-9,22063872	-0,027	0,298
CHR5	5825163	CHR5:5825163	SSF x LoA	-9,32377215	-0,078	0,304
CHR5	5825184	CHR5:5825184	SSF x LoA	-9,04996968	0,125	0,302
CHR5	5825192	CHR5:5825192	SSF x LoA	-9,52967368	-0,085	0,304
CHR5	5829708	CHR5:5829708	SSF x LoA	-8,49513402	0,076	0,299
CHR5	5829715	CHR5:5829715	SSF x LoA	-10,8528778	-0,046	0,303
CHR5	5829779	CHR5:5829779	SSF x LoA	-8,65276732	0,029	0,311
CHR5	5829834	CHR5:5829834	SSF x LoA	-10,2774105	-0,024	0,317
CHR5	5829838	CHR5:5829838	SSF x LoA	-10,6396463	-0,124	0,295
CHR5	5829840	CHR5:5829840	SSF x LoA	-9,31357638	-0,056	0,307
CHR5	5829841	CHR5:5829841	SSF x LoA	-9,0778743	-0,075	0,302
CHR5	5829874	CHR5:5829874	SSF x LoA	-9,73441621	-0,060	0,304
CHR5	5829875	CHR5:5829875	SSF x LoA	-7,94158227	-0,071	0,301
CHR5	5829963	CHR5:5829963	SSF x LoA	-7,07368105	0,136	0,303
CHR5	5829983	CHR5:5829983	SSF x LoA	-5,67989131	0,108	0,314
CHR5	5839548	CHR5:5839548	SSF x LoA	-9,52277146	0,014	0,299
CHR5	5839551	CHR5:5839551	SSF x LoA	-9,759328	0,012	0,315
CHR5	5839578	CHR5:5839578	SSF x LoA	-9,02636256	-0,038	0,321
CHR5	5842037	CHR5:5842037	SSF x LoA	-8,75937655	-0,012	0,302
CHR5	5842119	CHR5:5842119	SSF x LoA	-8,48416315	0,040	0,305
CHR5	5847112	CHR5:5847112	SSF x LoA	-8,83342507	0,046	0,311
CHR5	5847223	CHR5:5847223	SSF x LoA	-9,65535183	-0,046	0,309
CHR5	5848038	CHR5:5848038	SSF x LoA	-8,85152651	-0,068	0,309
CHR5	5854941	CHR5:5854941	SSF x LoA	-8,75424907	-0,053	0,296
CHR5	5860836	CHR5:5860836	SSF x LoA	-9,50612811	0,019	0,303
CHR5	5866712	CHR5:5866712	SSF x LoA	-11,3962114	0,037	0,314
CHR5	5866832	CHR5:5866832	SSF x LoA	-9,67801902	0,063	0,303
CHR5	5876378	CHR5:5876378	SSF x LoA	-3,61384331	-0,130	0,297
CHR5	5876398	CHR5:5876398	SSF x LoA	-9,1697768	-0,123	0,302
CHR5	5876412	CHR5:5876412	SSF x LoA	1,70477084	0,125	0,308
CHR5	5876472	CHR5:5876472	SSF x LoA	-3,58585998	-0,100	0,314
CHR5	5876493	CHR5:5876493	SSF x LoA	-7,60899022	-0,098	0,300
CHR5	5876495	CHR5:5876495	SSF x LoA	-7,52269639	0,108	0,303
CHR5	5876517	CHR5:5876517	SSF x LoA	-9,85759933	-0,094	0,304
CHR5	5876534	CHR5:5876534	SSF x LoA	-9,15594491	-0,161	0,299
CHR5	5887159	CHR5:5887159	SSF x LoA	-9,28117588	0,035	0,311

CHR5	5887295	CHR5:5887295	SSF x LoA	-4,85913296	-0,151	0,300
CHR5	5889785	CHR5:5889785	SSF x LoA	-8,98831462	-0,010	0,312
CHR5	5893348	CHR5:5893348	SSF x LoA	-12,2675424	-0,054	0,301
CHR5	5893472	CHR5:5893472	SSF x LoA	-9,69775608	0,045	0,322
CHR5	5897501	CHR5:5897501	SSF x LoA	-11,2483404	0,077	0,322
CHR5	5900997	CHR5:5900997	SSF x LoA	-10,6292828	0,005	0,302
CHR5	5911552	CHR5:5911552	SSF x LoA	-8,85546813	-0,169	0,286
CHR5	5918237	CHR5:5918237	SSF x LoA	-4,49205032	-0,038	0,308
CHR5	5918254	CHR5:5918254	SSF x LoA	-5,33027006	0,173	0,292
CHR5	5918411	CHR5:5918411	SSF x LoA	-4,69395363	0,249	0,294
CHR5	5919873	CHR5:5919873	SSF x LoA	-10,9587756	-0,010	0,305
CHR5	5919938	CHR5:5919938	SSF x LoA	-5,24719591	0,163	0,297
CHR5	5919952	CHR5:5919952	SSF x LoA	-10,7704431	0,010	0,312
CHR5	5920060	CHR5:5920060	SSF x LoA	-6,21907304	-0,038	0,319
CHR5	5920091	CHR5:5920091	SSF x LoA	-10,0418158	0,038	0,315
CHR5	5920093	CHR5:5920093	SSF x LoA	-10,4831139	0,057	0,316
CHR5	5928447	CHR5:5928447	SSF x LoA	-9,04775693	0,057	0,299
CHR5	5930473	CHR5:5930473	SSF x LoA	-9,20970401	-0,003	0,318
CHR5	5930489	CHR5:5930489	SSF x LoA	-5,90829052	-0,033	0,301
CHR5	5937742	CHR5:5937742	SSF x LoA	-9,66317047	-0,053	0,306
CHR5	5937966	CHR5:5937966	SSF x LoA	-10,16334	0,010	0,315
CHR5	5938035	CHR5:5938035	SSF x LoA	-6,15606391	0,021	0,309
CHR5	5941483	CHR5:5941483	SSF x LoA	-10,6419432	0,076	0,307
CHR5	5941530	CHR5:5941530	SSF x LoA	-11,7204352	0,013	0,309
CHR5	5954649	CHR5:5954649	SSF x LoA	-8,0334253	0,047	0,308
CHR5	5959743	CHR5:5959743	SSF x LoA	-7,97496112	0,082	0,303
CHR5	5959813	CHR5:5959813	SSF x LoA	-8,37499812	-0,066	0,316
CHR5	5961146	CHR5:5961146	SSF x LoA	-9,08469695	0,059	0,308
CHR5	5966766	CHR5:5966766	SSF x LoA	-9,43948972	-0,023	0,317
CHR5	5971758	CHR5:5971758	SSF x LoA	1,33190851	0,104	0,313
CHR5	5971776	CHR5:5971776	SSF x LoA	-10,3918548	-0,039	0,314
CHR5	5974025	CHR5:5974025	SSF x LoA	-8,10031884	0,023	0,308
CHR5	5974164	CHR5:5974164	SSF x LoA	-10,9346374	0,076	0,301
CHR5	5977285	CHR5:5977285	SSF x LoA	-6,38206489	-0,015	0,292
CHR5	5977291	CHR5:5977291	SSF x LoA	-10,5060858	0,067	0,311
CHR5	5977363	CHR5:5977363	SSF x LoA	-11,9130735	-0,076	0,301
CHR5	5995569	CHR5:5995569	SSF x LoA	-7,06690075	0,040	0,310
CHR5	5995663	CHR5:5995663	SSF x LoA	-8,30146312	0,035	0,308
CHR5	5995669	CHR5:5995669	SSF x LoA	-9,66376993	0,029	0,293
CHR5	5997180	CHR5:5997180	SSF x LoA	-10,9333901	0,049	0,299
CHR5	5997947	CHR5:5997947	SSF x LoA	-11,6826577	-0,054	0,310
CHR5	6023823	CHR5:6023823	SSF x LoA	-8,08716153	-0,129	0,310
CHR5	6023838	CHR5:6023838	SSF x LoA	-9,12840391	0,031	0,308
CHR5	6023852	CHR5:6023852	SSF x LoA	-6,90429376	0,079	0,313
CHR5	6027966	CHR5:6027966	SSF x LoA	-7,58388369	-0,013	0,302
CHR5	6030897	CHR5:6030897	SSF x LoA	-8,8035534	-0,023	0,301
CHR5	6030899	CHR5:6030899	SSF x LoA	-10,6681885	-0,052	0,299
CHR5	6030925	CHR5:6030925	SSF x LoA	-9,54942462	-0,037	0,300
CHR5	6030935	CHR5:6030935	SSF x LoA	-10,512875	-0,103	0,312
CHR5	6030940	CHR5:6030940	SSF x LoA	-9,31526528	-0,058	0,307
CHR5	6030987	CHR5:6030987	SSF x LoA	-10,6122702	-0,012	0,307
CHR5	6030994	CHR5:6030994	SSF x LoA	-10,4584627	-0,037	0,308
CHR5	6030996	CHR5:6030996	SSF x LoA	-10,6585537	0,051	0,307

CHR5	6030998	CHR5:6030998	SSF x LoA	-8,76312677	-0,063	0,302
CHR5	6031032	CHR5:6031032	SSF x LoA	-8,0792303	-0,055	0,301
CHR5	6031056	CHR5:6031056	SSF x LoA	-11,7157216	0,054	0,302
CHR5	6031075	CHR5:6031075	SSF x LoA	-10,6601472	-0,061	0,305
CHR5	6031083	CHR5:6031083	SSF x LoA	-11,4834183	-0,007	0,299
CHR5	6031085	CHR5:6031085	SSF x LoA	-11,087103	-0,070	0,302
CHR5	6031141	CHR5:6031141	SSF x LoA	-8,09359793	-0,100	0,308
CHR5	6031147	CHR5:6031147	SSF x LoA	-9,43397453	-0,038	0,308
CHR5	6031220	CHR5:6031220	SSF x LoA	-7,48146771	-0,131	0,302
CHR5	6031305	CHR5:6031305	SSF x LoA	-11,2854733	0,027	0,303
CHR5	6037519	CHR5:6037519	SSF x LoA	-9,57891872	-0,001	0,317
CHR5	6037525	CHR5:6037525	SSF x LoA	-9,05228182	-0,099	0,308
CHR5	6037563	CHR5:6037563	SSF x LoA	-8,94502911	-0,007	0,310
CHR5	6043655	CHR5:6043655	SSF x LoA	-10,5797492	-0,048	0,296
CHR5	6043662	CHR5:6043662	SSF x LoA	-10,0838675	0,133	0,302
CHR5	6043809	CHR5:6043809	SSF x LoA	-6,18438026	-0,147	0,298
CHR5	6043883	CHR5:6043883	SSF x LoA	-9,65989939	0,101	0,304
CHR5	6078913	CHR5:6078913	SSF x LoA	-9,8893731	0,065	0,298
CHR5	6079016	CHR5:6079016	SSF x LoA	-10,5071067	0,096	0,309
CHR5	6079045	CHR5:6079045	SSF x LoA	-10,3001729	-0,051	0,306
CHR5	6079085	CHR5:6079085	SSF x LoA	-12,287875	-0,038	0,298
CHR5	6087663	CHR5:6087663	SSF x LoA	-10,1945768	-0,056	0,299
CHR5	6087898	CHR5:6087898	SSF x LoA	-8,82679273	0,050	0,301
CHR5	6087958	CHR5:6087958	SSF x LoA	-12,7267944	-0,020	0,298
CHR5	6089519	CHR5:6089519	SSF x LoA	-11,8066833	-0,007	0,290
CHR5	6095369	CHR5:6095369	SSF x LoA	-7,13258785	0,041	0,303
CHR5	6095413	CHR5:6095413	SSF x LoA	-7,80218845	-0,021	0,308
CHR5	6095414	CHR5:6095414	SSF x LoA	-11,0173933	-0,068	0,308
CHR5	6095417	CHR5:6095417	SSF x LoA	-8,46731155	0,053	0,295
CHR5	6096244	CHR5:6096244	SSF x LoA	-7,3356382	0,064	0,308
CHR5	6112258	CHR5:6112258	SSF x LoA	-9,33602859	-0,048	0,301
CHR5	6112384	CHR5:6112384	SSF x LoA	-9,51528866	0,103	0,313
CHR5	6113792	CHR5:6113792	SSF x LoA	-10,0803079	-0,106	0,322
CHR5	6113801	CHR5:6113801	SSF x LoA	-6,68336775	-0,083	0,304
CHR5	6130162	CHR5:6130162	SSF x LoA	-8,87512977	0,006	0,303
CHR5	6130163	CHR5:6130163	SSF x LoA	-8,28758218	0,027	0,315
CHR5	6130180	CHR5:6130180	SSF x LoA	-10,2345699	-0,067	0,307
CHR5	6130203	CHR5:6130203	SSF x LoA	-10,0246022	0,081	0,303
CHR5	6133678	CHR5:6133678	SSF x LoA	-10,0769578	0,084	0,300
CHR5	6136001	CHR5:6136001	SSF x LoA	-12,2381818	-0,012	0,320
CHR5	6136025	CHR5:6136025	SSF x LoA	-7,43285534	0,042	0,306
CHR5	6136073	CHR5:6136073	SSF x LoA	-1,77730812	-0,176	0,298
CHR5	6136179	CHR5:6136179	SSF x LoA	-7,80550315	0,005	0,304
CHR5	6139197	CHR5:6139197	SSF x LoA	-10,3260633	-0,007	0,313
CHR5	6139266	CHR5:6139266	SSF x LoA	-8,56401292	-0,096	0,296
CHR5	6139316	CHR5:6139316	SSF x LoA	-7,75857756	0,038	0,303
CHR5	6146114	CHR5:6146114	SSF x LoA	-10,1825533	-0,035	0,294
CHR5	6146210	CHR5:6146210	SSF x LoA	-7,98698001	-0,019	0,324
CHR5	6146214	CHR5:6146214	SSF x LoA	-8,5817149	0,000	0,309
CHR5	6146221	CHR5:6146221	SSF x LoA	-9,13886015	-0,012	0,327
CHR5	6148900	CHR5:6148900	SSF x LoA	-7,51436891	-0,026	0,316
CHR5	6148905	CHR5:6148905	SSF x LoA	-7,89608737	-0,012	0,295
CHR5	6148988	CHR5:6148988	SSF x LoA	-10,3180264	-0,044	0,314

CHR5	6149022	CHR5:6149022	SSF x LoA	-9,30356779	0,026	0,323
CHR5	6149023	CHR5:6149023	SSF x LoA	-9,76609683	0,013	0,321
CHR5	6149049	CHR5:6149049	SSF x LoA	-9,55823223	0,022	0,300
CHR5	6149136	CHR5:6149136	SSF x LoA	-11,388207	0,002	0,307
CHR5	6154002	CHR5:6154002	SSF x LoA	-8,38811503	0,037	0,322
CHR5	6154030	CHR5:6154030	SSF x LoA	-11,1843223	-0,021	0,301
CHR5	6154032	CHR5:6154032	SSF x LoA	-11,6134686	0,029	0,305
CHR5	6154052	CHR5:6154052	SSF x LoA	-10,7876619	0,107	0,305
CHR5	6154085	CHR5:6154085	SSF x LoA	-9,05672174	0,032	0,305
CHR5	6154086	CHR5:6154086	SSF x LoA	-9,05806494	-0,021	0,316
CHR5	6154118	CHR5:6154118	SSF x LoA	-9,71795677	-0,010	0,294
CHR5	6154119	CHR5:6154119	SSF x LoA	-5,53341918	-0,127	0,294
CHR5	6154159	CHR5:6154159	SSF x LoA	-9,5758304	-0,024	0,321
CHR5	6154169	CHR5:6154169	SSF x LoA	-10,8631646	-0,015	0,301
CHR5	6158457	CHR5:6158457	SSF x LoA	-8,58022585	0,050	0,302
CHR5	6158541	CHR5:6158541	SSF x LoA	-7,40093109	0,058	0,306
CHR5	6158608	CHR5:6158608	SSF x LoA	-9,52979617	-0,077	0,309
CHR5	6164531	CHR5:6164531	SSF x LoA	-8,87620099	0,007	0,311
CHR5	6164572	CHR5:6164572	SSF x LoA	-8,11045374	-0,133	0,310
CHR5	6164636	CHR5:6164636	SSF x LoA	-8,73405333	0,005	0,304
CHR5	6170076	CHR5:6170076	SSF x LoA	-10,7021723	0,071	0,300
CHR5	6170253	CHR5:6170253	SSF x LoA	-6,89330292	-0,177	0,294
CHR5	6187339	CHR5:6187339	SSF x LoA	-10,338093	0,003	0,299
CHR5	6204387	CHR5:6204387	SSF x LoA	-8,54582589	0,059	0,309
CHR5	6208320	CHR5:6208320	SSF x LoA	-7,81754779	-0,135	0,296
CHR5	6222253	CHR5:6222253	SSF x LoA	-8,83851803	-0,038	0,302
CHR5	6240983	CHR5:6240983	SSF x LoA	-8,52174806	0,065	0,314
CHR5	6243751	CHR5:6243751	SSF x LoA	-7,1645273	0,070	0,291
CHR5	6243951	CHR5:6243951	SSF x LoA	-9,346882	-0,065	0,308
CHR5	6248586	CHR5:6248586	SSF x LoA	-10,6169019	-0,023	0,312
CHR5	6258423	CHR5:6258423	SSF x LoA	-8,27268738	0,110	0,307
CHR5	6258630	CHR5:6258630	SSF x LoA	-9,02622921	0,079	0,309
CHR5	6258723	CHR5:6258723	SSF x LoA	-7,11086594	-0,096	0,298
CHR5	627235	CHR5:627235	SSF x LoA	-10,6237461	0,067	0,295
CHR5	627325	CHR5:627325	SSF x LoA	-9,07423006	0,021	0,297
CHR5	6278774	CHR5:6278774	SSF x LoA	-11,3456007	0,033	0,299
CHR5	6278916	CHR5:6278916	SSF x LoA	-5,07192966	0,082	0,298
CHR5	6279027	CHR5:6279027	SSF x LoA	-8,20106398	-0,089	0,311
CHR5	6285518	CHR5:6285518	SSF x LoA	-10,8502273	0,032	0,300
CHR5	6285735	CHR5:6285735	SSF x LoA	-9,07396491	0,030	0,310
CHR5	6285755	CHR5:6285755	SSF x LoA	-10,0617549	-0,028	0,289
CHR5	6287344	CHR5:6287344	SSF x LoA	-8,19487862	-0,082	0,309
CHR5	6287357	CHR5:6287357	SSF x LoA	-8,38244425	-0,083	0,311
CHR5	6287365	CHR5:6287365	SSF x LoA	-3,59960592	0,125	0,293
CHR5	6287366	CHR5:6287366	SSF x LoA	-10,5781389	0,109	0,298
CHR5	6289423	CHR5:6289423	SSF x LoA	-11,0951726	0,007	0,299
CHR5	6289490	CHR5:6289490	SSF x LoA	-10,7673563	0,054	0,293
CHR5	6289647	CHR5:6289647	SSF x LoA	-10,076134	0,074	0,303
CHR5	6296330	CHR5:6296330	SSF x LoA	-11,4383036	-0,011	0,313
CHR5	6301030	CHR5:6301030	SSF x LoA	-9,05962993	0,030	0,303
CHR5	6301039	CHR5:6301039	SSF x LoA	-9,42846097	0,030	0,297
CHR5	6301071	CHR5:6301071	SSF x LoA	-8,26717326	-0,043	0,308
CHR5	6301104	CHR5:6301104	SSF x LoA	-11,3121925	-0,007	0,312

CHR5	6304996	CHR5:6304996	SSF x LoA	-11,3935933	-0,045	0,299
CHR5	6305087	CHR5:6305087	SSF x LoA	-3,50856067	-0,171	0,295
CHR5	6305096	CHR5:6305096	SSF x LoA	-8,41935421	-0,163	0,287
CHR5	6311090	CHR5:6311090	SSF x LoA	-11,3527084	0,026	0,302
CHR5	6321139	CHR5:6321139	SSF x LoA	-10,1849921	-0,005	0,316
CHR5	632488	CHR5:632488	SSF x LoA	-11,0127627	0,012	0,311
CHR5	632529	CHR5:632529	SSF x LoA	-11,1176824	0,076	0,293
CHR5	6331602	CHR5:6331602	SSF x LoA	-9,66355406	-0,069	0,320
CHR5	6352367	CHR5:6352367	SSF x LoA	-10,6701439	-0,082	0,301
CHR5	6356959	CHR5:6356959	SSF x LoA	-7,4482555	-0,041	0,306
CHR5	6356960	CHR5:6356960	SSF x LoA	-9,82016107	0,006	0,305
CHR5	6357031	CHR5:6357031	SSF x LoA	-6,00203225	-0,019	0,323
CHR5	6358990	CHR5:6358990	SSF x LoA	-8,33082121	0,174	0,295
CHR5	6359206	CHR5:6359206	SSF x LoA	-9,32267907	-0,011	0,315
CHR5	6364835	CHR5:6364835	SSF x LoA	-9,5068916	0,096	0,305
CHR5	6364910	CHR5:6364910	SSF x LoA	-10,3705086	0,043	0,309
CHR5	636565	CHR5:636565	SSF x LoA	-9,46217474	0,003	0,323
CHR5	6387297	CHR5:6387297	SSF x LoA	-9,42023134	0,034	0,302
CHR5	6389770	CHR5:6389770	SSF x LoA	-11,4407128	-0,046	0,313
CHR5	6406896	CHR5:6406896	SSF x LoA	-9,61769975	0,090	0,297
CHR5	6407721	CHR5:6407721	SSF x LoA	-9,61615333	0,064	0,318
CHR5	6411526	CHR5:6411526	SSF x LoA	-10,0446604	-0,094	0,309
CHR5	6411666	CHR5:6411666	SSF x LoA	-9,21245913	-0,029	0,296
CHR5	6413283	CHR5:6413283	SSF x LoA	-10,6610931	0,048	0,308
CHR5	64155	CHR5:64155	SSF x LoA	-9,01862752	-0,085	0,302
CHR5	64179	CHR5:64179	SSF x LoA	-10,7349106	0,041	0,306
CHR5	6419468	CHR5:6419468	SSF x LoA	-7,6740109	-0,013	0,310
CHR5	6421293	CHR5:6421293	SSF x LoA	-11,0070017	0,047	0,316
CHR5	6422573	CHR5:6422573	SSF x LoA	-9,72317974	-0,018	0,299
CHR5	6422615	CHR5:6422615	SSF x LoA	3,91424414	-0,127	0,311
CHR5	6422625	CHR5:6422625	SSF x LoA	-10,2554798	0,049	0,310
CHR5	6424405	CHR5:6424405	SSF x LoA	-7,68194928	-0,088	0,283
CHR5	6424431	CHR5:6424431	SSF x LoA	-10,1286598	-0,054	0,306
CHR5	6424504	CHR5:6424504	SSF x LoA	-8,95641364	-0,109	0,294
CHR5	64295	CHR5:64295	SSF x LoA	-8,19730017	-0,089	0,300
CHR5	6431927	CHR5:6431927	SSF x LoA	-6,46207632	-0,121	0,298
CHR5	6431944	CHR5:6431944	SSF x LoA	-3,48130167	-0,110	0,314
CHR5	6432370	CHR5:6432370	SSF x LoA	-8,94070654	0,017	0,303
CHR5	6432376	CHR5:6432376	SSF x LoA	-9,60129406	-0,093	0,307
CHR5	6432378	CHR5:6432378	SSF x LoA	-10,2847817	0,171	0,285
CHR5	64327	CHR5:64327	SSF x LoA	-8,63119189	-0,095	0,306
CHR5	6438485	CHR5:6438485	SSF x LoA	-5,17965237	-0,056	0,321
CHR5	6438564	CHR5:6438564	SSF x LoA	-8,98558599	-0,063	0,304
CHR5	6448157	CHR5:6448157	SSF x LoA	-10,0534908	0,025	0,306
CHR5	6448255	CHR5:6448255	SSF x LoA	-8,19958235	0,064	0,307
CHR5	6448312	CHR5:6448312	SSF x LoA	-9,87257828	0,017	0,293
CHR5	6458495	CHR5:6458495	SSF x LoA	-6,64572043	0,175	0,304
CHR5	6458593	CHR5:6458593	SSF x LoA	-9,94980329	0,117	0,315
CHR5	6458656	CHR5:6458656	SSF x LoA	-5,65922658	-0,146	0,300
CHR5	6458731	CHR5:6458731	SSF x LoA	-11,3869196	-0,010	0,309
CHR5	6460935	CHR5:6460935	SSF x LoA	-9,34218861	0,098	0,314
CHR5	6461113	CHR5:6461113	SSF x LoA	-8,31934728	0,095	0,312
CHR5	6461116	CHR5:6461116	SSF x LoA	-7,78818917	0,082	0,309

CHR5	6463067	CHR5:6463067	SSF x LoA	-4,92428807	0,117	0,296
CHR5	6464217	CHR5:6464217	SSF x LoA	-10,791334	0,060	0,291
CHR5	6465994	CHR5:6465994	SSF x LoA	-8,40547708	0,060	0,318
CHR5	6465997	CHR5:6465997	SSF x LoA	-8,87261461	0,023	0,316
CHR5	6466010	CHR5:6466010	SSF x LoA	-8,93685423	0,091	0,311
CHR5	6469633	CHR5:6469633	SSF x LoA	-7,87114375	0,000	0,308
CHR5	6469656	CHR5:6469656	SSF x LoA	-6,76399335	0,083	0,299
CHR5	6469711	CHR5:6469711	SSF x LoA	-8,55769114	0,016	0,311
CHR5	6469737	CHR5:6469737	SSF x LoA	-6,59463679	0,130	0,313
CHR5	647204	CHR5:647204	SSF x LoA	-8,64226518	-0,075	0,305
CHR5	6484540	CHR5:6484540	SSF x LoA	-10,0109862	-0,017	0,316
CHR5	6484541	CHR5:6484541	SSF x LoA	-4,71477311	-0,159	0,313
CHR5	6491950	CHR5:6491950	SSF x LoA	-9,6136385	-0,040	0,313
CHR5	6491960	CHR5:6491960	SSF x LoA	-8,55313247	-0,007	0,314
CHR5	6492141	CHR5:6492141	SSF x LoA	-8,80296736	-0,075	0,302
CHR5	6494301	CHR5:6494301	SSF x LoA	-9,69687159	-0,176	0,301
CHR5	6496212	CHR5:6496212	SSF x LoA	-5,95479418	-0,094	0,321
CHR5	6498660	CHR5:6498660	SSF x LoA	-10,7308832	-0,003	0,319
CHR5	6498680	CHR5:6498680	SSF x LoA	-11,3451184	-0,025	0,310
CHR5	6498813	CHR5:6498813	SSF x LoA	-10,8686537	-0,003	0,307
CHR5	6508314	CHR5:6508314	SSF x LoA	-11,355029	-0,039	0,295
CHR5	6508388	CHR5:6508388	SSF x LoA	-6,18904104	0,174	0,294
CHR5	6508521	CHR5:6508521	SSF x LoA	-9,91383497	-0,018	0,306
CHR5	6512701	CHR5:6512701	SSF x LoA	-6,44766019	-0,138	0,311
CHR5	6512806	CHR5:6512806	SSF x LoA	-6,33214228	0,183	0,302
CHR5	6512872	CHR5:6512872	SSF x LoA	-11,6563391	-0,054	0,296
CHR5	6512928	CHR5:6512928	SSF x LoA	-9,61753645	0,119	0,298
CHR5	6517831	CHR5:6517831	SSF x LoA	-8,66042873	-0,134	0,301
CHR5	6517910	CHR5:6517910	SSF x LoA	-11,0268893	0,039	0,319
CHR5	6526770	CHR5:6526770	SSF x LoA	-8,23697398	0,115	0,306
CHR5	6526825	CHR5:6526825	SSF x LoA	-6,67403999	0,152	0,295
CHR5	6526947	CHR5:6526947	SSF x LoA	-10,0942751	0,059	0,315
CHR5	6528423	CHR5:6528423	SSF x LoA	-2,80682868	0,080	0,305
CHR5	6532374	CHR5:6532374	SSF x LoA	-11,0029266	0,061	0,300
CHR5	6532461	CHR5:6532461	SSF x LoA	-10,1442487	0,011	0,305
CHR5	6532523	CHR5:6532523	SSF x LoA	-8,47380701	-0,072	0,306
CHR5	6533802	CHR5:6533802	SSF x LoA	-10,5836772	-0,035	0,318
CHR5	6533805	CHR5:6533805	SSF x LoA	-6,88020486	0,032	0,321
CHR5	6548032	CHR5:6548032	SSF x LoA	-8,09575567	-0,096	0,313
CHR5	6556713	CHR5:6556713	SSF x LoA	-8,74165543	0,012	0,320
CHR5	6559841	CHR5:6559841	SSF x LoA	-9,6205535	0,033	0,301
CHR5	6564056	CHR5:6564056	SSF x LoA	-8,65837959	0,004	0,302
CHR5	6564060	CHR5:6564060	SSF x LoA	-9,66377442	0,095	0,317
CHR5	6564081	CHR5:6564081	SSF x LoA	-8,61351678	0,048	0,318
CHR5	6565797	CHR5:6565797	SSF x LoA	-11,1902751	0,040	0,324
CHR5	6565812	CHR5:6565812	SSF x LoA	-11,0131104	0,012	0,315
CHR5	6600227	CHR5:6600227	SSF x LoA	-9,59486229	0,038	0,298
CHR5	6602702	CHR5:6602702	SSF x LoA	-10,3381381	0,098	0,314
CHR5	6608546	CHR5:6608546	SSF x LoA	-4,37044409	0,065	0,306
CHR5	6651567	CHR5:6651567	SSF x LoA	-7,19046863	0,091	0,309
CHR5	6656591	CHR5:6656591	SSF x LoA	-11,7949632	-0,022	0,303
CHR5	6718679	CHR5:6718679	SSF x LoA	-9,32089453	-0,009	0,309
CHR5	6746466	CHR5:6746466	SSF x LoA	-11,6467246	0,026	0,321

CHR5	6778282	CHR5:6778282	SSF x LoA	-10,1583608	-0,052	0,301
CHR5	6799642	CHR5:6799642	SSF x LoA	-8,99619727	-0,080	0,299
CHR5	6799751	CHR5:6799751	SSF x LoA	-8,26296344	-0,018	0,302
CHR5	6799924	CHR5:6799924	SSF x LoA	-10,3799199	-0,017	0,314
CHR5	6802169	CHR5:6802169	SSF x LoA	-10,119275	0,094	0,307
CHR5	6802214	CHR5:6802214	SSF x LoA	-8,85208553	0,010	0,303
CHR5	6804500	CHR5:6804500	SSF x LoA	-10,4934119	-0,002	0,300
CHR5	6806186	CHR5:6806186	SSF x LoA	-7,20349619	-0,018	0,315
CHR5	6808372	CHR5:6808372	SSF x LoA	-11,2135408	-0,057	0,318
CHR5	6843742	CHR5:6843742	SSF x LoA	-8,69769449	-0,076	0,302
CHR5	6845168	CHR5:6845168	SSF x LoA	-4,05485756	0,042	0,312
CHR5	6847966	CHR5:6847966	SSF x LoA	-8,02994325	0,118	0,311
CHR5	6850934	CHR5:6850934	SSF x LoA	-6,34014633	-0,091	0,314
CHR5	6854866	CHR5:6854866	SSF x LoA	1,47262952	-0,044	0,308
CHR5	6855101	CHR5:6855101	SSF x LoA	-9,6252947	-0,115	0,292
CHR5	68695	CHR5:68695	SSF x LoA	-11,8571988	-0,046	0,306
CHR5	688399	CHR5:688399	SSF x LoA	-9,08520131	0,097	0,302
CHR5	6915987	CHR5:6915987	SSF x LoA	-7,1189576	0,017	0,317
CHR5	6922977	CHR5:6922977	SSF x LoA	-7,97564633	0,140	0,292
CHR5	692346	CHR5:692346	SSF x LoA	-9,96707383	0,044	0,305
CHR5	692356	CHR5:692356	SSF x LoA	-8,34247443	-0,148	0,295
CHR5	692360	CHR5:692360	SSF x LoA	-5,00536853	-0,157	0,301
CHR5	694558	CHR5:694558	SSF x LoA	-9,13518185	-0,113	0,319
CHR5	694574	CHR5:694574	SSF x LoA	-11,3630094	-0,053	0,302
CHR5	695689	CHR5:695689	SSF x LoA	-3,33057593	0,233	0,314
CHR5	695697	CHR5:695697	SSF x LoA	-7,19559992	0,110	0,295
CHR5	6960470	CHR5:6960470	SSF x LoA	-7,62989533	-0,070	0,316
CHR5	6975097	CHR5:6975097	SSF x LoA	-7,46042572	0,037	0,315
CHR5	6982010	CHR5:6982010	SSF x LoA	-8,63822175	0,004	0,314
CHR5	7006041	CHR5:7006041	SSF x LoA	-9,2472152	0,034	0,313
CHR5	7011328	CHR5:7011328	SSF x LoA	-7,65721363	-0,052	0,292
CHR5	7016551	CHR5:7016551	SSF x LoA	-10,4489427	-0,051	0,302
CHR5	7016639	CHR5:7016639	SSF x LoA	-10,7935807	-0,063	0,299
CHR5	7041619	CHR5:7041619	SSF x LoA	-7,99441717	0,048	0,317
CHR5	705142	CHR5:705142	SSF x LoA	-7,98570522	-0,001	0,318
CHR5	705209	CHR5:705209	SSF x LoA	-8,40607838	-0,077	0,314
CHR5	705363	CHR5:705363	SSF x LoA	-9,73098645	-0,017	0,292
CHR5	705367	CHR5:705367	SSF x LoA	-10,9669899	0,047	0,295
CHR5	7074457	CHR5:7074457	SSF x LoA	-11,6900408	-0,005	0,305
CHR5	7074665	CHR5:7074665	SSF x LoA	-6,66702634	-0,164	0,304
CHR5	7074666	CHR5:7074666	SSF x LoA	-6,40049771	-0,149	0,305
CHR5	7078151	CHR5:7078151	SSF x LoA	-6,81547789	-0,068	0,305
CHR5	7083261	CHR5:7083261	SSF x LoA	-8,83508969	-0,001	0,308
CHR5	7083262	CHR5:7083262	SSF x LoA	-8,04827166	0,029	0,303
CHR5	7083293	CHR5:7083293	SSF x LoA	-7,58887881	-0,070	0,312
CHR5	7083294	CHR5:7083294	SSF x LoA	-8,06515889	-0,021	0,306
CHR5	7083298	CHR5:7083298	SSF x LoA	-11,4488284	-0,016	0,314
CHR5	7083303	CHR5:7083303	SSF x LoA	-8,72625929	-0,052	0,314
CHR5	7083381	CHR5:7083381	SSF x LoA	-5,79425744	0,176	0,292
CHR5	708483	CHR5:708483	SSF x LoA	-9,67356326	-0,044	0,296
CHR5	708630	CHR5:708630	SSF x LoA	-9,23790383	0,030	0,313
CHR5	708636	CHR5:708636	SSF x LoA	-7,44577911	-0,104	0,313
CHR5	7092212	CHR5:7092212	SSF x LoA	-1,90448649	0,195	0,302

CHR5	7092790	CHR5:7092790	SSF x LoA	-9,60048654	-0,025	0,301
CHR5	7092903	CHR5:7092903	SSF x LoA	-8,78020593	0,039	0,313
CHR5	7101458	CHR5:7101458	SSF x LoA	-8,61810496	-0,055	0,323
CHR5	7107560	CHR5:7107560	SSF x LoA	-8,26974965	0,017	0,317
CHR5	7107617	CHR5:7107617	SSF x LoA	-11,5617603	-0,024	0,298
CHR5	7107728	CHR5:7107728	SSF x LoA	-10,6577576	0,057	0,302
CHR5	7113797	CHR5:7113797	SSF x LoA	-10,2965836	-0,009	0,316
CHR5	7113897	CHR5:7113897	SSF x LoA	-9,15292245	0,015	0,307
CHR5	7114122	CHR5:7114122	SSF x LoA	-9,68509807	0,068	0,311
CHR5	7119461	CHR5:7119461	SSF x LoA	-8,55550873	0,009	0,311
CHR5	7119462	CHR5:7119462	SSF x LoA	-9,49203651	0,055	0,305
CHR5	7119521	CHR5:7119521	SSF x LoA	-8,12033516	-0,048	0,322
CHR5	7119561	CHR5:7119561	SSF x LoA	-8,66459353	-0,135	0,290
CHR5	713405	CHR5:713405	SSF x LoA	-9,63696412	-0,054	0,317
CHR5	7141482	CHR5:7141482	SSF x LoA	-6,98492863	0,128	0,313
CHR5	7141537	CHR5:7141537	SSF x LoA	-11,2297163	0,036	0,311
CHR5	7141545	CHR5:7141545	SSF x LoA	-10,3638285	0,063	0,300
CHR5	716742	CHR5:716742	SSF x LoA	-6,24676843	0,123	0,323
CHR5	716744	CHR5:716744	SSF x LoA	-6,40624243	0,099	0,303
CHR5	716775	CHR5:716775	SSF x LoA	-11,4769909	0,074	0,302
CHR5	716828	CHR5:716828	SSF x LoA	-11,2360272	0,078	0,307
CHR5	716837	CHR5:716837	SSF x LoA	-7,70328264	-0,110	0,310
CHR5	7170329	CHR5:7170329	SSF x LoA	-11,1038074	0,013	0,310
CHR5	7170358	CHR5:7170358	SSF x LoA	-9,13990518	-0,081	0,309
CHR5	7170394	CHR5:7170394	SSF x LoA	-10,3710417	0,048	0,324
CHR5	7170442	CHR5:7170442	SSF x LoA	-9,01577102	-0,100	0,299
CHR5	7186012	CHR5:7186012	SSF x LoA	-9,04233003	0,035	0,311
CHR5	7186029	CHR5:7186029	SSF x LoA	-11,9036401	-0,045	0,307
CHR5	7192602	CHR5:7192602	SSF x LoA	-9,61632182	-0,027	0,312
CHR5	7193896	CHR5:7193896	SSF x LoA	-4,42387384	0,131	0,300
CHR5	7193957	CHR5:7193957	SSF x LoA	-9,05154017	0,009	0,305
CHR5	7198468	CHR5:7198468	SSF x LoA	-9,74910629	0,082	0,310
CHR5	7198519	CHR5:7198519	SSF x LoA	-10,1248532	0,067	0,294
CHR5	7198528	CHR5:7198528	SSF x LoA	-10,1038057	0,061	0,313
CHR5	7198596	CHR5:7198596	SSF x LoA	-8,45724013	-0,140	0,310
CHR5	7198620	CHR5:7198620	SSF x LoA	-6,7992545	0,051	0,309
CHR5	7198629	CHR5:7198629	SSF x LoA	-8,69497625	0,056	0,312
CHR5	7198651	CHR5:7198651	SSF x LoA	-10,024132	0,069	0,329
CHR5	7200300	CHR5:7200300	SSF x LoA	-11,521513	0,061	0,314
CHR5	7200301	CHR5:7200301	SSF x LoA	-9,22741467	-0,075	0,310
CHR5	7200348	CHR5:7200348	SSF x LoA	-10,9260708	0,067	0,311
CHR5	7202133	CHR5:7202133	SSF x LoA	-9,44839153	0,000	0,321
CHR5	7202140	CHR5:7202140	SSF x LoA	-9,4700692	-0,020	0,295
CHR5	7202173	CHR5:7202173	SSF x LoA	-11,0466198	-0,052	0,309
CHR5	7202178	CHR5:7202178	SSF x LoA	-9,22423797	-0,050	0,309
CHR5	7202306	CHR5:7202306	SSF x LoA	-10,9141371	-0,052	0,296
CHR5	7214430	CHR5:7214430	SSF x LoA	-5,96692777	0,071	0,309
CHR5	7216741	CHR5:7216741	SSF x LoA	-8,05157811	0,099	0,309
CHR5	7216748	CHR5:7216748	SSF x LoA	-9,44406583	-0,063	0,309
CHR5	7216750	CHR5:7216750	SSF x LoA	-10,0637597	0,089	0,306
CHR5	7216764	CHR5:7216764	SSF x LoA	-4,8087685	0,029	0,316
CHR5	7216767	CHR5:7216767	SSF x LoA	-9,05047819	0,031	0,297
CHR5	7216777	CHR5:7216777	SSF x LoA	-5,75124393	-0,026	0,311

CHR5	7216778	CHR5:7216778	SSF x LoA	-11,9359158	0,005	0,304
CHR5	7216823	CHR5:7216823	SSF x LoA	-8,9702569	0,026	0,308
CHR5	7216829	CHR5:7216829	SSF x LoA	-8,67419045	0,020	0,297
CHR5	7216843	CHR5:7216843	SSF x LoA	-10,3496929	0,000	0,308
CHR5	7216857	CHR5:7216857	SSF x LoA	-11,1475637	-0,015	0,317
CHR5	7216880	CHR5:7216880	SSF x LoA	-10,1273843	0,014	0,308
CHR5	7216903	CHR5:7216903	SSF x LoA	-10,4430968	-0,021	0,315
CHR5	7216912	CHR5:7216912	SSF x LoA	-8,06095012	-0,061	0,308
CHR5	7220534	CHR5:7220534	SSF x LoA	-5,77242627	0,204	0,291
CHR5	7220748	CHR5:7220748	SSF x LoA	-4,44919062	0,242	0,283
CHR5	7220800	CHR5:7220800	SSF x LoA	-6,63770603	0,180	0,296
CHR5	7223565	CHR5:7223565	SSF x LoA	-10,755585	-0,095	0,298
CHR5	7223566	CHR5:7223566	SSF x LoA	-9,58179795	0,056	0,295
CHR5	7223650	CHR5:7223650	SSF x LoA	-9,31632328	-0,048	0,304
CHR5	7230924	CHR5:7230924	SSF x LoA	-9,7683335	-0,047	0,311
CHR5	7230944	CHR5:7230944	SSF x LoA	-10,731694	-0,120	0,298
CHR5	7230955	CHR5:7230955	SSF x LoA	-9,20705837	-0,113	0,313
CHR5	7254653	CHR5:7254653	SSF x LoA	-9,8542472	-0,001	0,315
CHR5	7254661	CHR5:7254661	SSF x LoA	-9,35556453	-0,017	0,308
CHR5	7254699	CHR5:7254699	SSF x LoA	-7,88344637	0,086	0,316
CHR5	7254801	CHR5:7254801	SSF x LoA	-9,68950983	-0,065	0,306
CHR5	7254807	CHR5:7254807	SSF x LoA	-11,7497453	0,002	0,310
CHR5	7254821	CHR5:7254821	SSF x LoA	-10,4694693	0,078	0,294
CHR5	7254850	CHR5:7254850	SSF x LoA	-7,34929219	0,008	0,304
CHR5	7256839	CHR5:7256839	SSF x LoA	-8,81389988	0,134	0,297
CHR5	7256860	CHR5:7256860	SSF x LoA	-10,5566525	0,106	0,299
CHR5	7256917	CHR5:7256917	SSF x LoA	-6,24207502	-0,077	0,302
CHR5	7263892	CHR5:7263892	SSF x LoA	-8,33346675	-0,081	0,319
CHR5	7282212	CHR5:7282212	SSF x LoA	-9,58585458	0,043	0,313
CHR5	7291745	CHR5:7291745	SSF x LoA	-9,26349951	-0,102	0,292
CHR5	7292075	CHR5:7292075	SSF x LoA	17,9464486	0,099	0,302
CHR5	7292139	CHR5:7292139	SSF x LoA	-7,21931459	0,078	0,307
CHR5	7294573	CHR5:7294573	SSF x LoA	-10,3688329	0,080	0,315
CHR5	7294584	CHR5:7294584	SSF x LoA	-9,09787924	0,112	0,305
CHR5	7300208	CHR5:7300208	SSF x LoA	-10,3771691	0,044	0,306
CHR5	7305276	CHR5:7305276	SSF x LoA	-5,81633582	0,080	0,310
CHR5	7305287	CHR5:7305287	SSF x LoA	-11,2662288	-0,022	0,311
CHR5	7305327	CHR5:7305327	SSF x LoA	-9,5439621	-0,006	0,302
CHR5	7305351	CHR5:7305351	SSF x LoA	-7,65907746	0,033	0,310
CHR5	7306646	CHR5:7306646	SSF x LoA	-11,0317132	-0,059	0,308
CHR5	7306652	CHR5:7306652	SSF x LoA	-9,15146416	-0,024	0,317
CHR5	7312948	CHR5:7312948	SSF x LoA	-10,4898128	0,148	0,303
CHR5	7312949	CHR5:7312949	SSF x LoA	-9,37249975	-0,001	0,308
CHR5	7312980	CHR5:7312980	SSF x LoA	-8,28889375	-0,036	0,312
CHR5	7347206	CHR5:7347206	SSF x LoA	-10,0329923	0,052	0,298
CHR5	7349294	CHR5:7349294	SSF x LoA	-8,72887598	-0,023	0,307
CHR5	7349296	CHR5:7349296	SSF x LoA	-8,36141021	-0,023	0,305
CHR5	7353450	CHR5:7353450	SSF x LoA	-10,8008355	-0,039	0,296
CHR5	7356435	CHR5:7356435	SSF x LoA	-10,4392314	0,028	0,307
CHR5	7359434	CHR5:7359434	SSF x LoA	-8,72920437	0,024	0,312
CHR5	7359437	CHR5:7359437	SSF x LoA	-8,50726519	-0,074	0,323
CHR5	7359444	CHR5:7359444	SSF x LoA	-7,56232148	-0,100	0,314
CHR5	7359527	CHR5:7359527	SSF x LoA	-8,4022156	0,100	0,307

CHR5	7359664	CHR5:7359664	SSF x LoA	-6,08882947	-0,182	0,309
CHR5	7359683	CHR5:7359683	SSF x LoA	-8,41905732	0,030	0,310
CHR5	7359696	CHR5:7359696	SSF x LoA	-8,91454819	-0,005	0,320
CHR5	7360494	CHR5:7360494	SSF x LoA	-10,0301593	0,086	0,302
CHR5	7360575	CHR5:7360575	SSF x LoA	-5,67368792	0,070	0,319
CHR5	7360755	CHR5:7360755	SSF x LoA	-9,00826839	0,016	0,315
CHR5	7360759	CHR5:7360759	SSF x LoA	-11,0572911	0,008	0,306
CHR5	7382021	CHR5:7382021	SSF x LoA	-10,2337785	-0,052	0,306
CHR5	7383822	CHR5:7383822	SSF x LoA	-7,54196805	-0,105	0,288
CHR5	7384033	CHR5:7384033	SSF x LoA	-1,77678855	0,190	0,293
CHR5	738624	CHR5:738624	SSF x LoA	-8,78368568	0,007	0,304
CHR5	738630	CHR5:738630	SSF x LoA	-8,46666988	0,080	0,306
CHR5	7386674	CHR5:7386674	SSF x LoA	-7,49628217	0,061	0,315
CHR5	7386771	CHR5:7386771	SSF x LoA	-8,46812278	0,097	0,304
CHR5	7398896	CHR5:7398896	SSF x LoA	-9,83380154	-0,058	0,314
CHR5	7403107	CHR5:7403107	SSF x LoA	-7,47406971	-0,135	0,306
CHR5	7403134	CHR5:7403134	SSF x LoA	-9,95939476	-0,084	0,312
CHR5	7403156	CHR5:7403156	SSF x LoA	-8,2880175	-0,097	0,312
CHR5	7403159	CHR5:7403159	SSF x LoA	-8,47263351	-0,109	0,323
CHR5	7403163	CHR5:7403163	SSF x LoA	-9,47119146	-0,134	0,299
CHR5	7403220	CHR5:7403220	SSF x LoA	-8,02940584	-0,137	0,299
CHR5	7403254	CHR5:7403254	SSF x LoA	-10,7044444	-0,044	0,301
CHR5	7408122	CHR5:7408122	SSF x LoA	-7,92599645	0,167	0,287
CHR5	7408152	CHR5:7408152	SSF x LoA	-8,3539054	0,171	0,293
CHR5	7408340	CHR5:7408340	SSF x LoA	-10,7990881	0,009	0,293
CHR5	7414669	CHR5:7414669	SSF x LoA	-9,44704396	0,164	0,303
CHR5	7422497	CHR5:7422497	SSF x LoA	-11,0755703	-0,051	0,296
CHR5	7434203	CHR5:7434203	SSF x LoA	-10,4695861	-0,098	0,303
CHR5	7434224	CHR5:7434224	SSF x LoA	-10,1772634	-0,003	0,302
CHR5	7434309	CHR5:7434309	SSF x LoA	-11,4429086	0,029	0,294
CHR5	7434365	CHR5:7434365	SSF x LoA	-10,6359436	-0,045	0,303
CHR5	7434375	CHR5:7434375	SSF x LoA	-8,50579689	-0,034	0,307
CHR5	7434387	CHR5:7434387	SSF x LoA	-9,66218998	0,099	0,303
CHR5	7434457	CHR5:7434457	SSF x LoA	-11,6224286	-0,029	0,313
CHR5	7434460	CHR5:7434460	SSF x LoA	-8,12364435	-0,144	0,301
CHR5	7434496	CHR5:7434496	SSF x LoA	-9,16365719	0,088	0,305
CHR5	7440475	CHR5:7440475	SSF x LoA	-10,7406951	0,026	0,300
CHR5	7440544	CHR5:7440544	SSF x LoA	-9,65329331	-0,096	0,305
CHR5	7455085	CHR5:7455085	SSF x LoA	-8,09379884	0,091	0,316
CHR5	7455182	CHR5:7455182	SSF x LoA	-10,8302507	0,087	0,300
CHR5	7455407	CHR5:7455407	SSF x LoA	-9,81437096	-0,097	0,296
CHR5	7455413	CHR5:7455413	SSF x LoA	-8,72734088	-0,085	0,296
CHR5	7455434	CHR5:7455434	SSF x LoA	-6,97852247	0,122	0,291
CHR5	7455435	CHR5:7455435	SSF x LoA	-11,2465708	-0,009	0,302
CHR5	7455447	CHR5:7455447	SSF x LoA	-8,57331758	0,020	0,305
CHR5	7463298	CHR5:7463298	SSF x LoA	-8,04630888	-0,062	0,315
CHR5	7463323	CHR5:7463323	SSF x LoA	-9,760349	-0,020	0,296
CHR5	7463325	CHR5:7463325	SSF x LoA	-8,74793365	-0,008	0,295
CHR5	7463352	CHR5:7463352	SSF x LoA	-6,67851506	0,136	0,300
CHR5	7476991	CHR5:7476991	SSF x LoA	-10,2949745	-0,076	0,308
CHR5	7477061	CHR5:7477061	SSF x LoA	-11,4232587	0,022	0,320
CHR5	7480816	CHR5:7480816	SSF x LoA	-7,19276206	0,109	0,308
CHR5	7480819	CHR5:7480819	SSF x LoA	-11,7287369	0,008	0,301

CHR5	7480847	CHR5:7480847	SSF x LoA	-8,65408509	0,092	0,309
CHR5	7480857	CHR5:7480857	SSF x LoA	-10,7523727	-0,101	0,302
CHR5	7480863	CHR5:7480863	SSF x LoA	-4,83552147	-0,133	0,296
CHR5	7480870	CHR5:7480870	SSF x LoA	-9,41371509	0,082	0,311
CHR5	7480873	CHR5:7480873	SSF x LoA	-10,955301	-0,042	0,315
CHR5	7480909	CHR5:7480909	SSF x LoA	-11,1452314	0,051	0,304
CHR5	7480922	CHR5:7480922	SSF x LoA	-9,31753298	0,067	0,315
CHR5	7480976	CHR5:7480976	SSF x LoA	-9,4931187	0,035	0,298
CHR5	748450	CHR5:748450	SSF x LoA	-6,33437891	-0,145	0,305
CHR5	7493745	CHR5:7493745	SSF x LoA	-7,65723034	-0,082	0,308
CHR5	7493750	CHR5:7493750	SSF x LoA	-7,79324731	-0,067	0,310
CHR5	7493754	CHR5:7493754	SSF x LoA	-8,15023683	-0,094	0,309
CHR5	7493777	CHR5:7493777	SSF x LoA	-10,446944	-0,049	0,309
CHR5	7493822	CHR5:7493822	SSF x LoA	-9,13563647	-0,097	0,306
CHR5	7493823	CHR5:7493823	SSF x LoA	-9,64665745	0,068	0,317
CHR5	7504941	CHR5:7504941	SSF x LoA	-8,2470706	-0,079	0,315
CHR5	7509367	CHR5:7509367	SSF x LoA	-8,11671398	-0,163	0,291
CHR5	7509403	CHR5:7509403	SSF x LoA	-8,31122273	-0,150	0,312
CHR5	7513542	CHR5:7513542	SSF x LoA	-9,23545909	-0,064	0,302
CHR5	7524235	CHR5:7524235	SSF x LoA	-7,87314153	0,074	0,322
CHR5	7525205	CHR5:7525205	SSF x LoA	2,32928244	-0,028	0,314
CHR5	7529450	CHR5:7529450	SSF x LoA	-8,92647957	0,080	0,293
CHR5	7529479	CHR5:7529479	SSF x LoA	-10,8656979	-0,020	0,317
CHR5	7552579	CHR5:7552579	SSF x LoA	-10,6273428	-0,031	0,308
CHR5	7560341	CHR5:7560341	SSF x LoA	-9,51150705	0,051	0,308
CHR5	7560378	CHR5:7560378	SSF x LoA	-8,60604682	0,061	0,319
CHR5	7560383	CHR5:7560383	SSF x LoA	-11,3120147	-0,005	0,313
CHR5	7560436	CHR5:7560436	SSF x LoA	-11,369426	-0,020	0,301
CHR5	7560583	CHR5:7560583	SSF x LoA	-11,0595109	-0,107	0,300
CHR5	7593387	CHR5:7593387	SSF x LoA	-10,8618131	0,045	0,305
CHR5	7593518	CHR5:7593518	SSF x LoA	-10,2159475	0,053	0,306
CHR5	7598821	CHR5:7598821	SSF x LoA	-9,09935067	-0,023	0,295
CHR5	7598830	CHR5:7598830	SSF x LoA	-10,560868	0,032	0,310
CHR5	7598847	CHR5:7598847	SSF x LoA	-9,75491824	0,081	0,294
CHR5	7598873	CHR5:7598873	SSF x LoA	-10,9592836	-0,003	0,295
CHR5	7598910	CHR5:7598910	SSF x LoA	-7,91231484	-0,002	0,310
CHR5	7598912	CHR5:7598912	SSF x LoA	-6,6881508	0,057	0,307
CHR5	7599090	CHR5:7599090	SSF x LoA	-9,91240607	0,040	0,302
CHR5	7625127	CHR5:7625127	SSF x LoA	-9,92420171	0,076	0,309
CHR5	7638918	CHR5:7638918	SSF x LoA	-7,7135449	0,117	0,316
CHR5	7652329	CHR5:7652329	SSF x LoA	-9,76275516	-0,010	0,309
CHR5	7677361	CHR5:7677361	SSF x LoA	-9,93990686	0,091	0,310
CHR5	7705998	CHR5:7705998	SSF x LoA	-9,68314971	0,031	0,315
CHR5	7706063	CHR5:7706063	SSF x LoA	-9,88511359	0,046	0,300
CHR5	7707906	CHR5:7707906	SSF x LoA	-9,52432103	0,000	0,325
CHR5	7711378	CHR5:7711378	SSF x LoA	-8,78695903	0,003	0,316
CHR5	7718421	CHR5:7718421	SSF x LoA	-9,27258582	0,040	0,308
CHR5	7718439	CHR5:7718439	SSF x LoA	-10,5833326	-0,080	0,304
CHR5	7718515	CHR5:7718515	SSF x LoA	-8,49209492	-0,091	0,306
CHR5	7718527	CHR5:7718527	SSF x LoA	-9,2981724	-0,077	0,322
CHR5	7757984	CHR5:7757984	SSF x LoA	-11,4254996	-0,022	0,307
CHR5	7757991	CHR5:7757991	SSF x LoA	-9,47693835	0,074	0,315
CHR5	7759488	CHR5:7759488	SSF x LoA	-7,41778659	-0,005	0,305

CHR5	7762990	CHR5:7762990	SSF x LoA	-9,9410039	0,050	0,300
CHR5	7763195	CHR5:7763195	SSF x LoA	-9,72570046	-0,041	0,304
CHR5	7763240	CHR5:7763240	SSF x LoA	-8,3434362	-0,046	0,306
CHR5	7763243	CHR5:7763243	SSF x LoA	-9,85374303	0,114	0,302
CHR5	7769158	CHR5:7769158	SSF x LoA	-10,5746519	0,065	0,310
CHR5	7769173	CHR5:7769173	SSF x LoA	-3,74194574	0,120	0,302
CHR5	7769184	CHR5:7769184	SSF x LoA	-9,71226748	0,028	0,317
CHR5	7769231	CHR5:7769231	SSF x LoA	-10,7041833	0,058	0,297
CHR5	7769238	CHR5:7769238	SSF x LoA	-7,18684426	-0,182	0,300
CHR5	7769355	CHR5:7769355	SSF x LoA	-9,78727334	-0,107	0,299
CHR5	7770893	CHR5:7770893	SSF x LoA	-10,7376113	0,043	0,303
CHR5	7770906	CHR5:7770906	SSF x LoA	-7,62843332	-0,009	0,322
CHR5	7773725	CHR5:7773725	SSF x LoA	-10,9069167	-0,002	0,305
CHR5	7773806	CHR5:7773806	SSF x LoA	-10,837818	0,120	0,294
CHR5	7781348	CHR5:7781348	SSF x LoA	-7,31840993	0,015	0,307
CHR5	7781351	CHR5:7781351	SSF x LoA	-10,9734291	-0,032	0,305
CHR5	7781413	CHR5:7781413	SSF x LoA	-9,30966508	-0,032	0,316
CHR5	7781431	CHR5:7781431	SSF x LoA	-6,71826934	0,100	0,310
CHR5	7781490	CHR5:7781490	SSF x LoA	-5,89101799	-0,163	0,304
CHR5	7781538	CHR5:7781538	SSF x LoA	-10,6579144	0,040	0,308
CHR5	7781546	CHR5:7781546	SSF x LoA	-9,5799277	-0,031	0,318
CHR5	7784172	CHR5:7784172	SSF x LoA	-10,3849543	0,013	0,307
CHR5	7784202	CHR5:7784202	SSF x LoA	-10,5023017	0,000	0,312
CHR5	7784229	CHR5:7784229	SSF x LoA	-7,67195177	-0,011	0,309
CHR5	7784268	CHR5:7784268	SSF x LoA	-9,96146219	-0,056	0,311
CHR5	7786131	CHR5:7786131	SSF x LoA	-7,89190585	0,171	0,286
CHR5	7786212	CHR5:7786212	SSF x LoA	-9,40944416	0,106	0,296
CHR5	7786270	CHR5:7786270	SSF x LoA	-9,5750659	-0,038	0,310
CHR5	7786277	CHR5:7786277	SSF x LoA	-8,26565949	0,134	0,301
CHR5	7792054	CHR5:7792054	SSF x LoA	-11,3225946	-0,025	0,317
CHR5	779576	CHR5:779576	SSF x LoA	-8,63583987	0,074	0,310
CHR5	7803752	CHR5:7803752	SSF x LoA	-8,59418691	-0,027	0,297
CHR5	7803786	CHR5:7803786	SSF x LoA	-11,5005121	-0,070	0,291
CHR5	7803924	CHR5:7803924	SSF x LoA	-9,41522295	0,059	0,307
CHR5	7804017	CHR5:7804017	SSF x LoA	-3,67740188	0,116	0,306
CHR5	7804024	CHR5:7804024	SSF x LoA	-10,1232938	0,016	0,303
CHR5	7804044	CHR5:7804044	SSF x LoA	-10,6301712	0,003	0,290
CHR5	7808479	CHR5:7808479	SSF x LoA	-10,5437706	-0,050	0,297
CHR5	7808675	CHR5:7808675	SSF x LoA	-9,09427588	-0,002	0,310
CHR5	78168	CHR5:78168	SSF x LoA	-6,37099569	-0,162	0,296
CHR5	782195	CHR5:782195	SSF x LoA	-10,0007528	-0,012	0,303
CHR5	782214	CHR5:782214	SSF x LoA	-5,70701583	0,105	0,313
CHR5	782257	CHR5:782257	SSF x LoA	-6,47158186	0,128	0,319
CHR5	78266	CHR5:78266	SSF x LoA	-9,5911694	-0,010	0,315
CHR5	7827522	CHR5:7827522	SSF x LoA	-9,57513947	0,056	0,307
CHR5	7830146	CHR5:7830146	SSF x LoA	-10,2097821	-0,151	0,296
CHR5	7830148	CHR5:7830148	SSF x LoA	-10,4918109	-0,148	0,303
CHR5	7832537	CHR5:7832537	SSF x LoA	-8,85075052	-0,063	0,306
CHR5	7838122	CHR5:7838122	SSF x LoA	-6,17752671	-0,144	0,304
CHR5	7838141	CHR5:7838141	SSF x LoA	-6,6883814	-0,154	0,301
CHR5	78434	CHR5:78434	SSF x LoA	-12,3339002	-0,025	0,299
CHR5	7849535	CHR5:7849535	SSF x LoA	-2,7557779	-0,184	0,312
CHR5	78530	CHR5:78530	SSF x LoA	-6,0497206	-0,130	0,315

CHR5	785656	CHR5:785656	SSF x LoA	-10,9784655	0,016	0,306
CHR5	7867727	CHR5:7867727	SSF x LoA	-8,64038127	-0,023	0,306
CHR5	790587	CHR5:790587	SSF x LoA	-11,156678	-0,039	0,310
CHR5	790591	CHR5:790591	SSF x LoA	-8,64105637	0,022	0,309
CHR5	790656	CHR5:790656	SSF x LoA	-4,44203653	-0,079	0,313
CHR5	7911559	CHR5:7911559	SSF x LoA	-8,74123878	0,136	0,309
CHR5	7920808	CHR5:7920808	SSF x LoA	-10,4221685	0,007	0,307
CHR5	7920994	CHR5:7920994	SSF x LoA	-10,4866499	-0,067	0,296
CHR5	7977335	CHR5:7977335	SSF x LoA	-8,48004347	0,000	0,314
CHR5	7981617	CHR5:7981617	SSF x LoA	-11,4967762	-0,057	0,303
CHR5	801655	CHR5:801655	SSF x LoA	-10,7483575	-0,014	0,321
CHR5	8017370	CHR5:8017370	SSF x LoA	-10,333467	0,038	0,303
CHR5	8020511	CHR5:8020511	SSF x LoA	-8,41622527	0,004	0,328
CHR5	8020721	CHR5:8020721	SSF x LoA	-5,24860828	-0,211	0,300
CHR5	8043542	CHR5:8043542	SSF x LoA	-11,3388656	-0,025	0,304
CHR5	8073898	CHR5:8073898	SSF x LoA	-7,12103304	-0,007	0,299
CHR5	8073907	CHR5:8073907	SSF x LoA	-8,53782671	0,042	0,313
CHR5	810998	CHR5:810998	SSF x LoA	-6,5030346	0,065	0,317
CHR5	811015	CHR5:811015	SSF x LoA	-12,2913654	0,011	0,309
CHR5	811064	CHR5:811064	SSF x LoA	-8,99193499	-0,091	0,294
CHR5	818594	CHR5:818594	SSF x LoA	-6,1829796	-0,014	0,305
CHR5	818649	CHR5:818649	SSF x LoA	-6,25290638	0,000	0,309
CHR5	818717	CHR5:818717	SSF x LoA	-4,52066598	-0,050	0,311
CHR5	8192298	CHR5:8192298	SSF x LoA	-6,28760713	0,121	0,304
CHR5	821311	CHR5:821311	SSF x LoA	-11,9123465	0,011	0,296
CHR5	821319	CHR5:821319	SSF x LoA	-12,5967492	-0,034	0,296
CHR5	821347	CHR5:821347	SSF x LoA	-7,46643897	0,113	0,312
CHR5	8220047	CHR5:8220047	SSF x LoA	-11,265941	-0,064	0,300
CHR5	8237757	CHR5:8237757	SSF x LoA	-10,7409645	-0,073	0,303
CHR5	8237790	CHR5:8237790	SSF x LoA	-10,5994312	-0,131	0,304
CHR5	8237850	CHR5:8237850	SSF x LoA	-11,8211039	-0,008	0,301
CHR5	8243811	CHR5:8243811	SSF x LoA	-9,28282917	0,035	0,291
CHR5	8243907	CHR5:8243907	SSF x LoA	-9,21084472	0,008	0,304
CHR5	8253012	CHR5:8253012	SSF x LoA	-8,69657386	-0,061	0,319
CHR5	8253035	CHR5:8253035	SSF x LoA	-6,73310696	-0,121	0,302
CHR5	8253106	CHR5:8253106	SSF x LoA	-9,69233512	0,022	0,317
CHR5	8259218	CHR5:8259218	SSF x LoA	-9,13365287	0,044	0,305
CHR5	8259242	CHR5:8259242	SSF x LoA	-1,51691319	-0,064	0,315
CHR5	8259323	CHR5:8259323	SSF x LoA	-7,25528841	-0,179	0,292
CHR5	827250	CHR5:827250	SSF x LoA	-9,87583367	-0,123	0,300
CHR5	827253	CHR5:827253	SSF x LoA	-9,69327992	-0,009	0,299
CHR5	8272885	CHR5:8272885	SSF x LoA	-8,37966385	-0,027	0,311
CHR5	8273006	CHR5:8273006	SSF x LoA	-7,90135231	0,094	0,311
CHR5	8274209	CHR5:8274209	SSF x LoA	-4,94429088	0,088	0,299
CHR5	8274316	CHR5:8274316	SSF x LoA	-3,34647528	-0,176	0,292
CHR5	8274346	CHR5:8274346	SSF x LoA	-7,83760549	0,032	0,315
CHR5	8274371	CHR5:8274371	SSF x LoA	-10,7495242	-0,063	0,300
CHR5	8274448	CHR5:8274448	SSF x LoA	-7,93691292	-0,154	0,309
CHR5	8274472	CHR5:8274472	SSF x LoA	-8,10448465	-0,121	0,304
CHR5	8286243	CHR5:8286243	SSF x LoA	-8,91415636	0,149	0,294
CHR5	8288667	CHR5:8288667	SSF x LoA	-7,1182016	0,095	0,301
CHR5	8294305	CHR5:8294305	SSF x LoA	-8,88579498	0,041	0,311
CHR5	8294923	CHR5:8294923	SSF x LoA	-8,37686904	0,104	0,318

CHR5	8300410	CHR5:8300410	SSF x LoA	-5,50957976	0,168	0,299
CHR5	8309562	CHR5:8309562	SSF x LoA	-6,96784769	-0,110	0,323
CHR5	8313375	CHR5:8313375	SSF x LoA	-10,5105828	0,059	0,300
CHR5	8313380	CHR5:8313380	SSF x LoA	-4,013142	-0,107	0,311
CHR5	8313885	CHR5:8313885	SSF x LoA	-10,1986864	0,034	0,312
CHR5	8314964	CHR5:8314964	SSF x LoA	-7,53007579	-0,086	0,300
CHR5	8316726	CHR5:8316726	SSF x LoA	-11,0823215	-0,024	0,299
CHR5	8316808	CHR5:8316808	SSF x LoA	-8,19281926	0,008	0,301
CHR5	8326013	CHR5:8326013	SSF x LoA	-4,86459407	0,084	0,307
CHR5	8326068	CHR5:8326068	SSF x LoA	-7,8729719	-0,139	0,307
CHR5	8348459	CHR5:8348459	SSF x LoA	2,60625327	0,139	0,302
CHR5	8348480	CHR5:8348480	SSF x LoA	-8,26834099	0,116	0,303
CHR5	8348532	CHR5:8348532	SSF x LoA	-8,33790326	-0,118	0,297
CHR5	8348551	CHR5:8348551	SSF x LoA	-8,54209284	0,141	0,294
CHR5	8348592	CHR5:8348592	SSF x LoA	-3,0096192	-0,056	0,308
CHR5	8348629	CHR5:8348629	SSF x LoA	-7,13049694	-0,031	0,312
CHR5	836523	CHR5:836523	SSF x LoA	-11,342459	0,067	0,292
CHR5	836531	CHR5:836531	SSF x LoA	-6,1777831	0,047	0,308
CHR5	836565	CHR5:836565	SSF x LoA	-10,1985968	0,092	0,314
CHR5	836571	CHR5:836571	SSF x LoA	-10,1762767	0,018	0,308
CHR5	836581	CHR5:836581	SSF x LoA	-9,75860153	-0,103	0,306
CHR5	8379469	CHR5:8379469	SSF x LoA	-8,58568043	-0,076	0,312
CHR5	8394546	CHR5:8394546	SSF x LoA	-8,34281441	0,000	0,311
CHR5	8394548	CHR5:8394548	SSF x LoA	-8,07359131	0,159	0,297
CHR5	8399137	CHR5:8399137	SSF x LoA	-8,33462069	-0,094	0,298
CHR5	8399332	CHR5:8399332	SSF x LoA	-11,4022461	-0,011	0,311
CHR5	8401722	CHR5:8401722	SSF x LoA	-9,84703387	0,056	0,306
CHR5	8401739	CHR5:8401739	SSF x LoA	-8,89693243	-0,071	0,296
CHR5	841236	CHR5:841236	SSF x LoA	-6,99037511	0,144	0,302
CHR5	8418263	CHR5:8418263	SSF x LoA	-10,8479076	0,060	0,316
CHR5	8420668	CHR5:8420668	SSF x LoA	-11,0049466	-0,025	0,299
CHR5	8423087	CHR5:8423087	SSF x LoA	-9,64473509	-0,144	0,289
CHR5	8431891	CHR5:8431891	SSF x LoA	-8,5259072	0,017	0,308
CHR5	8431943	CHR5:8431943	SSF x LoA	-10,3305598	0,068	0,310
CHR5	8431962	CHR5:8431962	SSF x LoA	-8,01694928	-0,047	0,315
CHR5	8437886	CHR5:8437886	SSF x LoA	-9,91378694	-0,091	0,298
CHR5	844034	CHR5:844034	SSF x LoA	-10,4673543	0,019	0,308
CHR5	844097	CHR5:844097	SSF x LoA	-10,4262986	-0,048	0,308
CHR5	844114	CHR5:844114	SSF x LoA	-8,49676065	0,057	0,305
CHR5	844188	CHR5:844188	SSF x LoA	-10,4843908	0,021	0,321
CHR5	844195	CHR5:844195	SSF x LoA	-11,971055	0,007	0,294
CHR5	8455744	CHR5:8455744	SSF x LoA	-11,0886101	-0,074	0,300
CHR5	8459561	CHR5:8459561	SSF x LoA	-9,86990295	0,072	0,314
CHR5	8462246	CHR5:8462246	SSF x LoA	-10,0254714	0,105	0,306
CHR5	846962	CHR5:846962	SSF x LoA	-11,691964	0,035	0,313
CHR5	846969	CHR5:846969	SSF x LoA	-11,6974921	0,046	0,305
CHR5	847086	CHR5:847086	SSF x LoA	-5,16554789	0,121	0,307
CHR5	849186	CHR5:849186	SSF x LoA	-10,7116006	0,010	0,297
CHR5	8500514	CHR5:8500514	SSF x LoA	-7,10681665	0,052	0,308
CHR5	8505950	CHR5:8505950	SSF x LoA	-10,7238973	-0,023	0,297
CHR5	8508294	CHR5:8508294	SSF x LoA	-9,18851292	0,035	0,312
CHR5	8530209	CHR5:8530209	SSF x LoA	-8,44919047	0,098	0,314
CHR5	853506	CHR5:853506	SSF x LoA	-11,0738362	-0,031	0,306

CHR5	853612	CHR5:853612	SSF x LoA	-7,02024469	-0,163	0,295
CHR5	853753	CHR5:853753	SSF x LoA	-5,41334709	-0,003	0,308
CHR5	8569187	CHR5:8569187	SSF x LoA	-9,92980662	0,029	0,306
CHR5	8578998	CHR5:8578998	SSF x LoA	-11,5151387	-0,019	0,309
CHR5	8600184	CHR5:8600184	SSF x LoA	-8,7950501	0,041	0,309
CHR5	8602053	CHR5:8602053	SSF x LoA	-7,82469695	-0,044	0,292
CHR5	8602089	CHR5:8602089	SSF x LoA	-9,40199489	0,010	0,293
CHR5	8602108	CHR5:8602108	SSF x LoA	-10,1064421	0,021	0,302
CHR5	8611716	CHR5:8611716	SSF x LoA	-9,39757288	-0,085	0,304
CHR5	8611853	CHR5:8611853	SSF x LoA	-8,80657071	0,100	0,303
CHR5	8611859	CHR5:8611859	SSF x LoA	-7,42907629	0,011	0,300
CHR5	8627783	CHR5:8627783	SSF x LoA	-8,48999999	0,026	0,316
CHR5	8645273	CHR5:8645273	SSF x LoA	-11,461449	0,026	0,286
CHR5	8645343	CHR5:8645343	SSF x LoA	-9,80949426	0,092	0,307
CHR5	8645434	CHR5:8645434	SSF x LoA	-7,52944611	0,118	0,298
CHR5	8649276	CHR5:8649276	SSF x LoA	-10,7473384	0,109	0,307
CHR5	8649378	CHR5:8649378	SSF x LoA	1,56083639	-0,190	0,299
CHR5	8654284	CHR5:8654284	SSF x LoA	-10,0427411	0,058	0,307
CHR5	8654328	CHR5:8654328	SSF x LoA	-8,15619686	-0,052	0,311
CHR5	8654331	CHR5:8654331	SSF x LoA	-9,7295337	0,046	0,313
CHR5	8663548	CHR5:8663548	SSF x LoA	-11,3883145	-0,146	0,304
CHR5	8663576	CHR5:8663576	SSF x LoA	-7,32732572	0,127	0,299
CHR5	8663621	CHR5:8663621	SSF x LoA	-10,1106635	-0,019	0,313
CHR5	8663649	CHR5:8663649	SSF x LoA	-8,53840246	-0,094	0,294
CHR5	8663678	CHR5:8663678	SSF x LoA	-10,0894908	-0,044	0,306
CHR5	8663719	CHR5:8663719	SSF x LoA	-10,3823561	0,045	0,316
CHR5	8663741	CHR5:8663741	SSF x LoA	-8,85481208	-0,079	0,307
CHR5	8663748	CHR5:8663748	SSF x LoA	-8,77348826	0,083	0,311
CHR5	8663753	CHR5:8663753	SSF x LoA	-8,43081176	0,072	0,301
CHR5	8663763	CHR5:8663763	SSF x LoA	-7,81675435	0,112	0,315
CHR5	8663776	CHR5:8663776	SSF x LoA	-7,04384877	-0,076	0,318
CHR5	8669649	CHR5:8669649	SSF x LoA	-8,76081626	-0,036	0,300
CHR5	8669856	CHR5:8669856	SSF x LoA	-8,93692036	0,029	0,312
CHR5	8671890	CHR5:8671890	SSF x LoA	-4,10023842	0,036	0,301
CHR5	867237	CHR5:867237	SSF x LoA	-6,82261766	-0,112	0,315
CHR5	8672990	CHR5:8672990	SSF x LoA	-8,83703832	0,019	0,303
CHR5	8679950	CHR5:8679950	SSF x LoA	-9,65038538	0,025	0,298
CHR5	8694608	CHR5:8694608	SSF x LoA	-10,4520437	0,047	0,310
CHR5	8694641	CHR5:8694641	SSF x LoA	-8,1707968	-0,049	0,314
CHR5	8694677	CHR5:8694677	SSF x LoA	-9,45916444	-0,057	0,319
CHR5	8698425	CHR5:8698425	SSF x LoA	-6,09777097	-0,015	0,308
CHR5	8698441	CHR5:8698441	SSF x LoA	-8,99567529	-0,002	0,311
CHR5	8699232	CHR5:8699232	SSF x LoA	-10,0658466	-0,006	0,310
CHR5	8723244	CHR5:8723244	SSF x LoA	-10,7874534	-0,030	0,303
CHR5	8733452	CHR5:8733452	SSF x LoA	-5,20872125	0,124	0,308
CHR5	8745516	CHR5:8745516	SSF x LoA	-9,02314028	-0,034	0,320
CHR5	8749520	CHR5:8749520	SSF x LoA	-11,0435638	0,001	0,300
CHR5	8749565	CHR5:8749565	SSF x LoA	-10,4671996	-0,079	0,304
CHR5	8749582	CHR5:8749582	SSF x LoA	-8,45463161	0,068	0,301
CHR5	8749599	CHR5:8749599	SSF x LoA	-7,70139198	-0,150	0,304
CHR5	8749680	CHR5:8749680	SSF x LoA	-5,25719169	0,042	0,309
CHR5	8749708	CHR5:8749708	SSF x LoA	-8,60083968	0,143	0,300
CHR5	8761842	CHR5:8761842	SSF x LoA	-9,0231581	0,075	0,301

CHR5	8761844	CHR5:8761844	SSF x LoA	-10,5756056	-0,055	0,305
CHR5	8761865	CHR5:8761865	SSF x LoA	-10,9764743	-0,010	0,318
CHR5	877115	CHR5:877115	SSF x LoA	-8,82502236	-0,104	0,304
CHR5	877135	CHR5:877135	SSF x LoA	-7,67718199	-0,030	0,313
CHR5	877259	CHR5:877259	SSF x LoA	-9,90884581	0,086	0,305
CHR5	8774553	CHR5:8774553	SSF x LoA	-7,05625616	0,059	0,319
CHR5	8774560	CHR5:8774560	SSF x LoA	-10,7105998	-0,005	0,301
CHR5	8776498	CHR5:8776498	SSF x LoA	-10,8910519	-0,085	0,304
CHR5	8776539	CHR5:8776539	SSF x LoA	-10,568457	-0,084	0,312
CHR5	8776589	CHR5:8776589	SSF x LoA	-8,85694676	0,082	0,306
CHR5	8776605	CHR5:8776605	SSF x LoA	-8,7694427	-0,066	0,305
CHR5	8776627	CHR5:8776627	SSF x LoA	-7,70361089	0,087	0,307
CHR5	8776687	CHR5:8776687	SSF x LoA	-9,2761872	-0,063	0,304
CHR5	8776726	CHR5:8776726	SSF x LoA	-10,0896791	-0,091	0,314
CHR5	8776741	CHR5:8776741	SSF x LoA	-9,07989208	-0,071	0,316
CHR5	8791021	CHR5:8791021	SSF x LoA	-8,22443196	0,016	0,285
CHR5	8791027	CHR5:8791027	SSF x LoA	-10,6680442	0,035	0,310
CHR5	8796337	CHR5:8796337	SSF x LoA	-7,10280503	-0,101	0,325
CHR5	8796429	CHR5:8796429	SSF x LoA	-10,2876768	0,019	0,298
CHR5	8796462	CHR5:8796462	SSF x LoA	-7,78004086	-0,041	0,311
CHR5	8796514	CHR5:8796514	SSF x LoA	-11,1536407	-0,015	0,314
CHR5	8797344	CHR5:8797344	SSF x LoA	-10,2800378	-0,064	0,310
CHR5	880624	CHR5:880624	SSF x LoA	-7,98504713	0,037	0,287
CHR5	880670	CHR5:880670	SSF x LoA	-8,13795665	0,027	0,297
CHR5	880691	CHR5:880691	SSF x LoA	-8,53113664	0,092	0,294
CHR5	8809352	CHR5:8809352	SSF x LoA	-10,0456798	0,036	0,312
CHR5	8809382	CHR5:8809382	SSF x LoA	-3,8731358	-0,110	0,300
CHR5	8809383	CHR5:8809383	SSF x LoA	-5,66633752	-0,120	0,308
CHR5	8809397	CHR5:8809397	SSF x LoA	-9,86822857	0,070	0,299
CHR5	8809442	CHR5:8809442	SSF x LoA	-8,11197764	0,034	0,300
CHR5	8809895	CHR5:8809895	SSF x LoA	-9,61733721	-0,156	0,309
CHR5	8813161	CHR5:8813161	SSF x LoA	-8,44841962	0,054	0,302
CHR5	8813186	CHR5:8813186	SSF x LoA	-6,51000977	0,087	0,311
CHR5	8813194	CHR5:8813194	SSF x LoA	-10,7590945	0,076	0,307
CHR5	882172	CHR5:882172	SSF x LoA	-8,94987229	0,065	0,303
CHR5	8830290	CHR5:8830290	SSF x LoA	-10,7198181	-0,064	0,308
CHR5	8830466	CHR5:8830466	SSF x LoA	-9,70206307	0,063	0,317
CHR5	883574	CHR5:883574	SSF x LoA	-10,2452022	0,050	0,309
CHR5	883606	CHR5:883606	SSF x LoA	-7,87158329	-0,104	0,300
CHR5	883643	CHR5:883643	SSF x LoA	-9,04322089	-0,068	0,292
CHR5	883660	CHR5:883660	SSF x LoA	-8,56969214	-0,100	0,296
CHR5	8839461	CHR5:8839461	SSF x LoA	-10,0561236	-0,053	0,304
CHR5	8843663	CHR5:8843663	SSF x LoA	-5,96584896	-0,011	0,318
CHR5	8843722	CHR5:8843722	SSF x LoA	-8,9423564	0,121	0,314
CHR5	8849714	CHR5:8849714	SSF x LoA	-10,3484987	-0,018	0,311
CHR5	8853219	CHR5:8853219	SSF x LoA	-10,1554742	-0,083	0,302
CHR5	8853248	CHR5:8853248	SSF x LoA	-0,99651848	-0,083	0,297
CHR5	8853271	CHR5:8853271	SSF x LoA	-7,57179986	0,052	0,318
CHR5	8853293	CHR5:8853293	SSF x LoA	-6,75316893	-0,040	0,319
CHR5	8853307	CHR5:8853307	SSF x LoA	-6,97026592	-0,030	0,329
CHR5	8853369	CHR5:8853369	SSF x LoA	-7,9844998	-0,019	0,321
CHR5	8853375	CHR5:8853375	SSF x LoA	-7,84798499	-0,045	0,305
CHR5	8853385	CHR5:8853385	SSF x LoA	-9,16370482	0,034	0,312

CHR5	8853477	CHR5:8853477	SSF x LoA	-10,1117339	-0,041	0,313
CHR5	8853482	CHR5:8853482	SSF x LoA	-7,35516099	-0,008	0,308
CHR5	8859656	CHR5:8859656	SSF x LoA	-10,3425352	0,006	0,300
CHR5	8859748	CHR5:8859748	SSF x LoA	-9,63774016	-0,003	0,309
CHR5	8859811	CHR5:8859811	SSF x LoA	-8,88881749	-0,058	0,285
CHR5	8859825	CHR5:8859825	SSF x LoA	-9,60986869	-0,048	0,304
CHR5	8859836	CHR5:8859836	SSF x LoA	-10,1683289	-0,066	0,303
CHR5	8869845	CHR5:8869845	SSF x LoA	-8,14596336	0,068	0,324
CHR5	8869905	CHR5:8869905	SSF x LoA	-9,60058342	0,072	0,311
CHR5	8869925	CHR5:8869925	SSF x LoA	-9,80103934	0,065	0,311
CHR5	8870203	CHR5:8870203	SSF x LoA	-11,4773914	-0,088	0,303
CHR5	8870217	CHR5:8870217	SSF x LoA	-9,97710927	0,018	0,315
CHR5	8878619	CHR5:8878619	SSF x LoA	-4,27099095	0,216	0,292
CHR5	8878650	CHR5:8878650	SSF x LoA	-8,84081052	0,060	0,309
CHR5	8878695	CHR5:8878695	SSF x LoA	-3,94993428	0,111	0,300
CHR5	8878701	CHR5:8878701	SSF x LoA	-5,81438199	0,106	0,297
CHR5	8878708	CHR5:8878708	SSF x LoA	-8,88796412	-0,026	0,313
CHR5	8878731	CHR5:8878731	SSF x LoA	-7,62036777	0,170	0,297
CHR5	8880487	CHR5:8880487	SSF x LoA	-11,598363	0,027	0,301
CHR5	8883589	CHR5:8883589	SSF x LoA	-3,57761113	-0,122	0,305
CHR5	8887823	CHR5:8887823	SSF x LoA	-7,42602579	-0,038	0,299
CHR5	8887839	CHR5:8887839	SSF x LoA	-8,92968884	0,037	0,311
CHR5	8887961	CHR5:8887961	SSF x LoA	-10,7145811	-0,085	0,300
CHR5	8901330	CHR5:8901330	SSF x LoA	-6,77133386	-0,120	0,301
CHR5	8901361	CHR5:8901361	SSF x LoA	-8,51986365	-0,018	0,301
CHR5	8901415	CHR5:8901415	SSF x LoA	-6,51358356	-0,174	0,296
CHR5	8910457	CHR5:8910457	SSF x LoA	-11,6086816	0,025	0,307
CHR5	8919343	CHR5:8919343	SSF x LoA	-10,0622537	-0,041	0,297
CHR5	8919394	CHR5:8919394	SSF x LoA	-11,0913159	0,007	0,312
CHR5	8919415	CHR5:8919415	SSF x LoA	-10,8975269	0,097	0,311
CHR5	8919422	CHR5:8919422	SSF x LoA	-7,42971607	0,066	0,316
CHR5	8919490	CHR5:8919490	SSF x LoA	-10,1428517	0,021	0,313
CHR5	8919513	CHR5:8919513	SSF x LoA	-9,10335374	-0,013	0,319
CHR5	8921334	CHR5:8921334	SSF x LoA	-11,1294668	-0,027	0,298
CHR5	8921393	CHR5:8921393	SSF x LoA	-9,110798	-0,172	0,308
CHR5	8921522	CHR5:8921522	SSF x LoA	-8,72275165	-0,050	0,311
CHR5	8923779	CHR5:8923779	SSF x LoA	-10,3750221	0,099	0,289
CHR5	8926223	CHR5:8926223	SSF x LoA	-7,68560102	0,023	0,329
CHR5	8930146	CHR5:8930146	SSF x LoA	-4,18017584	-0,050	0,311
CHR5	8930151	CHR5:8930151	SSF x LoA	-10,3915931	0,039	0,307
CHR5	8930162	CHR5:8930162	SSF x LoA	-11,2263421	0,010	0,314
CHR5	8930310	CHR5:8930310	SSF x LoA	-9,44635907	-0,056	0,300
CHR5	8930328	CHR5:8930328	SSF x LoA	-11,3377929	-0,045	0,305
CHR5	893347	CHR5:893347	SSF x LoA	-8,92988351	0,067	0,307
CHR5	8940862	CHR5:8940862	SSF x LoA	-7,8902864	0,083	0,307
CHR5	8940887	CHR5:8940887	SSF x LoA	-11,3916391	0,050	0,294
CHR5	8940912	CHR5:8940912	SSF x LoA	-10,8600869	-0,020	0,294
CHR5	8940918	CHR5:8940918	SSF x LoA	-11,0480909	-0,081	0,301
CHR5	8940938	CHR5:8940938	SSF x LoA	-9,61726194	-0,071	0,306
CHR5	8943944	CHR5:8943944	SSF x LoA	-9,49746831	0,032	0,305
CHR5	8943957	CHR5:8943957	SSF x LoA	-9,78768568	0,034	0,303
CHR5	8943992	CHR5:8943992	SSF x LoA	-10,4450082	0,028	0,296
CHR5	8944693	CHR5:8944693	SSF x LoA	-8,59682622	0,064	0,318

CHR5	8944713	CHR5:8944713	SSF x LoA	-7,09851746	-0,018	0,316
CHR5	8944725	CHR5:8944725	SSF x LoA	-9,07173355	-0,031	0,310
CHR5	8944728	CHR5:8944728	SSF x LoA	-9,10175947	0,191	0,292
CHR5	8944741	CHR5:8944741	SSF x LoA	-9,04339271	-0,150	0,309
CHR5	8975983	CHR5:8975983	SSF x LoA	-11,2616588	0,003	0,295
CHR5	8976036	CHR5:8976036	SSF x LoA	-10,7354897	0,017	0,301
CHR5	8976097	CHR5:8976097	SSF x LoA	2,62450718	-0,194	0,298
CHR5	8981653	CHR5:8981653	SSF x LoA	-9,60509342	0,096	0,305
CHR5	8981660	CHR5:8981660	SSF x LoA	-3,37705727	0,006	0,309
CHR5	8981665	CHR5:8981665	SSF x LoA	-6,97121871	0,092	0,325
CHR5	8981668	CHR5:8981668	SSF x LoA	-7,67845328	0,152	0,305
CHR5	898788	CHR5:898788	SSF x LoA	-7,59858656	-0,066	0,312
CHR5	9000622	CHR5:9000622	SSF x LoA	-7,03738511	0,081	0,311
CHR5	9007145	CHR5:9007145	SSF x LoA	-9,69473259	-0,010	0,310
CHR5	9007160	CHR5:9007160	SSF x LoA	-10,8495614	0,061	0,314
CHR5	9015395	CHR5:9015395	SSF x LoA	-10,6701575	-0,006	0,309
CHR5	9015463	CHR5:9015463	SSF x LoA	-11,4703125	0,003	0,303
CHR5	9015553	CHR5:9015553	SSF x LoA	-8,7808963	-0,035	0,308
CHR5	9020742	CHR5:9020742	SSF x LoA	-9,67498462	-0,039	0,308
CHR5	9020794	CHR5:9020794	SSF x LoA	-9,71254538	-0,036	0,316
CHR5	9020805	CHR5:9020805	SSF x LoA	-8,70100394	-0,049	0,303
CHR5	9020834	CHR5:9020834	SSF x LoA	-9,2287528	-0,061	0,289
CHR5	9020899	CHR5:9020899	SSF x LoA	-10,496266	-0,012	0,305
CHR5	902218	CHR5:902218	SSF x LoA	3,73206426	-0,062	0,309
CHR5	9022520	CHR5:9022520	SSF x LoA	-10,1349244	0,029	0,318
CHR5	9022541	CHR5:9022541	SSF x LoA	-8,03981042	0,031	0,321
CHR5	9022608	CHR5:9022608	SSF x LoA	-2,23507856	-0,200	0,302
CHR5	902280	CHR5:902280	SSF x LoA	-10,8858018	0,040	0,297
CHR5	9024829	CHR5:9024829	SSF x LoA	-9,91475115	0,091	0,312
CHR5	9024835	CHR5:9024835	SSF x LoA	-11,029518	-0,028	0,317
CHR5	9027084	CHR5:9027084	SSF x LoA	-10,3179572	0,031	0,296
CHR5	9030242	CHR5:9030242	SSF x LoA	-7,04363566	0,039	0,299
CHR5	9030248	CHR5:9030248	SSF x LoA	-11,034172	-0,020	0,339
CHR5	9030317	CHR5:9030317	SSF x LoA	-7,93760305	0,046	0,305
CHR5	9030342	CHR5:9030342	SSF x LoA	-8,25060382	0,019	0,315
CHR5	9046746	CHR5:9046746	SSF x LoA	-8,72382984	-0,147	0,302
CHR5	9047052	CHR5:9047052	SSF x LoA	-6,03028074	-0,061	0,298
CHR5	9047063	CHR5:9047063	SSF x LoA	-9,24201735	0,077	0,300
CHR5	9047065	CHR5:9047065	SSF x LoA	-9,18673426	0,063	0,293
CHR5	9047104	CHR5:9047104	SSF x LoA	-9,91520788	-0,121	0,295
CHR5	9047116	CHR5:9047116	SSF x LoA	-9,72212871	-0,109	0,314
CHR5	9047120	CHR5:9047120	SSF x LoA	-9,18591048	-0,021	0,320
CHR5	905320	CHR5:905320	SSF x LoA	-8,97604284	-0,003	0,304
CHR5	9058038	CHR5:9058038	SSF x LoA	-10,3620832	0,114	0,296
CHR5	9058080	CHR5:9058080	SSF x LoA	-11,0373396	0,015	0,307
CHR5	9058121	CHR5:9058121	SSF x LoA	-9,53417349	0,065	0,298
CHR5	9058167	CHR5:9058167	SSF x LoA	-7,21971277	0,138	0,316
CHR5	9058200	CHR5:9058200	SSF x LoA	-10,7195361	-0,003	0,318
CHR5	9061480	CHR5:9061480	SSF x LoA	-8,35726914	-0,075	0,308
CHR5	9073118	CHR5:9073118	SSF x LoA	-9,1178083	-0,013	0,306
CHR5	9073134	CHR5:9073134	SSF x LoA	-9,34525739	-0,031	0,307
CHR5	9073136	CHR5:9073136	SSF x LoA	3,69243488	-0,018	0,302
CHR5	9073282	CHR5:9073282	SSF x LoA	-7,95627394	0,000	0,305

CHR5	9073300	CHR5:9073300	SSF x LoA	-7,98946169	-0,131	0,310
CHR5	9073351	CHR5:9073351	SSF x LoA	-6,43147047	-0,177	0,292
CHR5	9073370	CHR5:9073370	SSF x LoA	-10,2668287	-0,018	0,302
CHR5	9083247	CHR5:9083247	SSF x LoA	-7,93318053	-0,119	0,317
CHR5	9083254	CHR5:9083254	SSF x LoA	-7,46681312	-0,113	0,314
CHR5	9083270	CHR5:9083270	SSF x LoA	-8,31159991	-0,080	0,296
CHR5	9083274	CHR5:9083274	SSF x LoA	-0,96142928	-0,105	0,305
CHR5	9083307	CHR5:9083307	SSF x LoA	-9,63898088	-0,076	0,322
CHR5	9083315	CHR5:9083315	SSF x LoA	-9,64722754	0,034	0,304
CHR5	9083325	CHR5:9083325	SSF x LoA	-9,64911778	0,005	0,309
CHR5	9083416	CHR5:9083416	SSF x LoA	-8,46234334	0,014	0,317
CHR5	9083458	CHR5:9083458	SSF x LoA	-7,4269236	-0,004	0,318
CHR5	9083460	CHR5:9083460	SSF x LoA	-8,70183194	0,009	0,305
CHR5	9085152	CHR5:9085152	SSF x LoA	-8,55333563	0,175	0,295
CHR5	9085154	CHR5:9085154	SSF x LoA	-9,3174483	-0,011	0,313
CHR5	9085155	CHR5:9085155	SSF x LoA	-9,66375172	-0,047	0,307
CHR5	9085280	CHR5:9085280	SSF x LoA	-11,2160256	0,002	0,311
CHR5	9085300	CHR5:9085300	SSF x LoA	-8,83607809	0,110	0,301
CHR5	9111362	CHR5:9111362	SSF x LoA	-7,55099515	-0,081	0,288
CHR5	9111404	CHR5:9111404	SSF x LoA	-11,2733151	0,034	0,306
CHR5	9111427	CHR5:9111427	SSF x LoA	-10,8303377	0,039	0,304
CHR5	9117828	CHR5:9117828	SSF x LoA	-1,23500941	0,013	0,302
CHR5	9117868	CHR5:9117868	SSF x LoA	-10,2715603	-0,063	0,288
CHR5	9119632	CHR5:9119632	SSF x LoA	-8,75856459	-0,092	0,296
CHR5	9131627	CHR5:9131627	SSF x LoA	-9,67218151	0,009	0,313
CHR5	9131674	CHR5:9131674	SSF x LoA	-9,29075593	-0,074	0,311
CHR5	9134165	CHR5:9134165	SSF x LoA	-10,0465913	-0,064	0,291
CHR5	9134204	CHR5:9134204	SSF x LoA	-8,45186596	0,049	0,316
CHR5	9137779	CHR5:9137779	SSF x LoA	-9,32950358	0,000	0,302
CHR5	9137781	CHR5:9137781	SSF x LoA	-8,49631033	0,058	0,311
CHR5	9137816	CHR5:9137816	SSF x LoA	-9,41772919	-0,027	0,309
CHR5	9137825	CHR5:9137825	SSF x LoA	-9,9508266	-0,020	0,312
CHR5	9142558	CHR5:9142558	SSF x LoA	-7,97852548	-0,063	0,304
CHR5	9142575	CHR5:9142575	SSF x LoA	-6,17768311	-0,058	0,315
CHR5	9142600	CHR5:9142600	SSF x LoA	-11,1292585	0,010	0,316
CHR5	9142613	CHR5:9142613	SSF x LoA	-10,2169637	-0,008	0,315
CHR5	9142616	CHR5:9142616	SSF x LoA	-8,41822306	0,012	0,312
CHR5	9142640	CHR5:9142640	SSF x LoA	-9,76524318	0,067	0,309
CHR5	9145504	CHR5:9145504	SSF x LoA	-8,93193249	-0,020	0,301
CHR5	9145522	CHR5:9145522	SSF x LoA	-8,44959738	-0,089	0,313
CHR5	9147265	CHR5:9147265	SSF x LoA	-7,7002127	-0,077	0,311
CHR5	9147280	CHR5:9147280	SSF x LoA	-9,14864455	-0,109	0,280
CHR5	9147310	CHR5:9147310	SSF x LoA	-8,52995587	0,106	0,300
CHR5	9147314	CHR5:9147314	SSF x LoA	-10,4619046	-0,034	0,316
CHR5	9147341	CHR5:9147341	SSF x LoA	-4,32516132	-0,140	0,318
CHR5	9147346	CHR5:9147346	SSF x LoA	-10,0344189	-0,018	0,311
CHR5	9147372	CHR5:9147372	SSF x LoA	-10,2682057	0,131	0,292
CHR5	9148210	CHR5:9148210	SSF x LoA	-7,08308627	0,082	0,317
CHR5	9150561	CHR5:9150561	SSF x LoA	-8,3571482	0,042	0,300
CHR5	9150587	CHR5:9150587	SSF x LoA	-6,81592436	0,034	0,300
CHR5	9150608	CHR5:9150608	SSF x LoA	-10,7635829	-0,021	0,311
CHR5	9150792	CHR5:9150792	SSF x LoA	-9,20887682	-0,087	0,304
CHR5	9150868	CHR5:9150868	SSF x LoA	-8,35100222	-0,045	0,319

CHR5	9150872	CHR5:9150872	SSF x LoA	-10,0777985	0,101	0,300
CHR5	9155526	CHR5:9155526	SSF x LoA	-8,96423404	-0,054	0,308
CHR5	9167900	CHR5:9167900	SSF x LoA	-8,99593494	-0,024	0,311
CHR5	9167966	CHR5:9167966	SSF x LoA	-10,7764473	-0,015	0,312
CHR5	9167972	CHR5:9167972	SSF x LoA	-10,5023804	0,015	0,305
CHR5	9168000	CHR5:9168000	SSF x LoA	-10,0403426	-0,002	0,321
CHR5	9168028	CHR5:9168028	SSF x LoA	-10,2913073	0,003	0,306
CHR5	9172935	CHR5:9172935	SSF x LoA	-10,587776	0,109	0,306
CHR5	9172968	CHR5:9172968	SSF x LoA	-5,54319824	0,105	0,314
CHR5	9180986	CHR5:9180986	SSF x LoA	-9,37946089	0,033	0,311
CHR5	9180998	CHR5:9180998	SSF x LoA	-9,15258337	0,082	0,304
CHR5	9181037	CHR5:9181037	SSF x LoA	-11,3667933	-0,022	0,309
CHR5	9181089	CHR5:9181089	SSF x LoA	-7,88023957	-0,105	0,292
CHR5	9183386	CHR5:9183386	SSF x LoA	-8,72561076	-0,071	0,309
CHR5	9183438	CHR5:9183438	SSF x LoA	-6,07457104	-0,052	0,308
CHR5	9183453	CHR5:9183453	SSF x LoA	-11,8382091	0,032	0,306
CHR5	9188770	CHR5:9188770	SSF x LoA	-9,32722893	-0,065	0,313
CHR5	9188875	CHR5:9188875	SSF x LoA	-10,7100854	0,132	0,294
CHR5	9189003	CHR5:9189003	SSF x LoA	-10,8780471	0,085	0,306
CHR5	9191970	CHR5:9191970	SSF x LoA	-10,7137061	-0,012	0,305
CHR5	9191979	CHR5:9191979	SSF x LoA	-7,23966898	0,112	0,299
CHR5	9192050	CHR5:9192050	SSF x LoA	-9,61756524	0,080	0,299
CHR5	9192053	CHR5:9192053	SSF x LoA	-0,29799811	0,123	0,305
CHR5	9192061	CHR5:9192061	SSF x LoA	-5,86220467	0,206	0,285
CHR5	9194004	CHR5:9194004	SSF x LoA	-9,73028467	-0,171	0,297
CHR5	9194020	CHR5:9194020	SSF x LoA	-10,7808194	-0,094	0,306
CHR5	9194071	CHR5:9194071	SSF x LoA	-10,9262053	0,061	0,305
CHR5	9194243	CHR5:9194243	SSF x LoA	-5,67903005	0,198	0,297
CHR5	919500	CHR5:919500	SSF x LoA	-8,78099523	0,021	0,299
CHR5	919519	CHR5:919519	SSF x LoA	-9,39097793	-0,035	0,302
CHR5	919571	CHR5:919571	SSF x LoA	-10,672498	-0,104	0,294
CHR5	9196893	CHR5:9196893	SSF x LoA	-10,0873633	-0,013	0,308
CHR5	9196920	CHR5:9196920	SSF x LoA	-8,58541333	0,023	0,307
CHR5	9196942	CHR5:9196942	SSF x LoA	-7,97244433	-0,047	0,311
CHR5	9208038	CHR5:9208038	SSF x LoA	-10,6695047	-0,049	0,302
CHR5	9218976	CHR5:9218976	SSF x LoA	-11,1350098	0,107	0,307
CHR5	9219092	CHR5:9219092	SSF x LoA	-10,4598899	-0,089	0,300
CHR5	9219101	CHR5:9219101	SSF x LoA	-7,45373728	-0,026	0,301
CHR5	9227540	CHR5:9227540	SSF x LoA	-6,78247423	0,158	0,302
CHR5	9227638	CHR5:9227638	SSF x LoA	-9,12118922	0,072	0,303
CHR5	9228614	CHR5:9228614	SSF x LoA	-7,3821383	-0,156	0,305
CHR5	9228630	CHR5:9228630	SSF x LoA	-9,09783774	-0,051	0,301
CHR5	9234921	CHR5:9234921	SSF x LoA	-10,5045208	0,086	0,318
CHR5	9235132	CHR5:9235132	SSF x LoA	-8,89310172	0,075	0,309
CHR5	9235154	CHR5:9235154	SSF x LoA	-8,9497687	0,130	0,294
CHR5	9236447	CHR5:9236447	SSF x LoA	-8,11496947	0,049	0,314
CHR5	9236499	CHR5:9236499	SSF x LoA	-10,309508	-0,046	0,309
CHR5	9236501	CHR5:9236501	SSF x LoA	-9,879098	-0,052	0,307
CHR5	9236608	CHR5:9236608	SSF x LoA	-10,6810947	0,030	0,309
CHR5	9236631	CHR5:9236631	SSF x LoA	-11,6254584	0,081	0,310
CHR5	9236671	CHR5:9236671	SSF x LoA	-8,16984218	-0,126	0,315
CHR5	9236678	CHR5:9236678	SSF x LoA	-10,0428387	-0,107	0,304
CHR5	9236680	CHR5:9236680	SSF x LoA	-8,68789012	-0,123	0,313

CHR5	9236692	CHR5:9236692	SSF x LoA	-6,57042529	-0,164	0,306
CHR5	9245758	CHR5:9245758	SSF x LoA	-7,46878219	-0,086	0,322
CHR5	9245760	CHR5:9245760	SSF x LoA	-9,13352284	-0,090	0,312
CHR5	9245800	CHR5:9245800	SSF x LoA	-6,16500363	-0,134	0,309
CHR5	9245895	CHR5:9245895	SSF x LoA	-9,4747479	-0,064	0,304
CHR5	9252730	CHR5:9252730	SSF x LoA	-10,7476715	-0,022	0,296
CHR5	9252732	CHR5:9252732	SSF x LoA	-10,7571322	0,028	0,304
CHR5	9252798	CHR5:9252798	SSF x LoA	-8,74725322	-0,047	0,308
CHR5	9270499	CHR5:9270499	SSF x LoA	-10,1305248	-0,054	0,303
CHR5	9270980	CHR5:9270980	SSF x LoA	-8,17032392	-0,111	0,307
CHR5	9272572	CHR5:9272572	SSF x LoA	-8,27650304	-0,219	0,279
CHR5	9274398	CHR5:9274398	SSF x LoA	-7,83600467	-0,018	0,311
CHR5	9274414	CHR5:9274414	SSF x LoA	-7,52835421	-0,057	0,300
CHR5	9274456	CHR5:9274456	SSF x LoA	-9,72308726	0,012	0,318
CHR5	9274484	CHR5:9274484	SSF x LoA	-10,0814872	-0,029	0,307
CHR5	9274525	CHR5:9274525	SSF x LoA	-10,7036816	-0,016	0,302
CHR5	9274808	CHR5:9274808	SSF x LoA	-9,88036906	-0,077	0,301
CHR5	9274829	CHR5:9274829	SSF x LoA	-10,5286037	-0,134	0,297
CHR5	9274852	CHR5:9274852	SSF x LoA	-5,94860343	-0,191	0,305
CHR5	9274908	CHR5:9274908	SSF x LoA	-9,64069921	0,079	0,307
CHR5	9274909	CHR5:9274909	SSF x LoA	-9,70901622	0,034	0,306
CHR5	9290334	CHR5:9290334	SSF x LoA	-8,04486659	0,009	0,315
CHR5	9290376	CHR5:9290376	SSF x LoA	-9,27430555	-0,040	0,296
CHR5	9290445	CHR5:9290445	SSF x LoA	-9,21635804	0,066	0,312
CHR5	9290730	CHR5:9290730	SSF x LoA	-4,80354037	-0,002	0,307
CHR5	9293254	CHR5:9293254	SSF x LoA	-8,81344628	-0,014	0,318
CHR5	9293281	CHR5:9293281	SSF x LoA	-10,3731456	0,053	0,321
CHR5	9304366	CHR5:9304366	SSF x LoA	-7,41955483	0,023	0,322
CHR5	9306506	CHR5:9306506	SSF x LoA	-10,5461456	-0,096	0,292
CHR5	9306744	CHR5:9306744	SSF x LoA	-9,17980402	0,016	0,304
CHR5	9306745	CHR5:9306745	SSF x LoA	-8,82098791	-0,058	0,319
CHR5	9306748	CHR5:9306748	SSF x LoA	-4,13027664	-0,008	0,315
CHR5	9308969	CHR5:9308969	SSF x LoA	-12,265999	0,022	0,297
CHR5	9310160	CHR5:9310160	SSF x LoA	-8,50065309	-0,184	0,301
CHR5	9310339	CHR5:9310339	SSF x LoA	-9,17112689	-0,028	0,319
CHR5	9311673	CHR5:9311673	SSF x LoA	-5,8772843	0,134	0,299
CHR5	9311767	CHR5:9311767	SSF x LoA	-10,3638097	-0,063	0,311
CHR5	9312653	CHR5:9312653	SSF x LoA	-7,18234263	-0,151	0,295
CHR5	9312743	CHR5:9312743	SSF x LoA	-8,55837586	0,069	0,303
CHR5	9319373	CHR5:9319373	SSF x LoA	-8,96755306	0,076	0,306
CHR5	9325569	CHR5:9325569	SSF x LoA	-10,0563429	0,013	0,307
CHR5	9325595	CHR5:9325595	SSF x LoA	-8,02498209	0,098	0,307
CHR5	9325605	CHR5:9325605	SSF x LoA	-7,60682558	0,155	0,296
CHR5	9330801	CHR5:9330801	SSF x LoA	-8,97872083	-0,002	0,305
CHR5	9335163	CHR5:9335163	SSF x LoA	-11,2310644	-0,015	0,303
CHR5	9335168	CHR5:9335168	SSF x LoA	-9,64030166	-0,206	0,313
CHR5	9335306	CHR5:9335306	SSF x LoA	-11,9521993	0,062	0,303
CHR5	9335326	CHR5:9335326	SSF x LoA	-6,74600761	-0,123	0,300
CHR5	9335355	CHR5:9335355	SSF x LoA	-5,03853817	0,109	0,309
CHR5	9345758	CHR5:9345758	SSF x LoA	-9,55427033	-0,024	0,316
CHR5	9345863	CHR5:9345863	SSF x LoA	-10,8820474	-0,058	0,289
CHR5	9345873	CHR5:9345873	SSF x LoA	-7,4696997	-0,082	0,312
CHR5	9345918	CHR5:9345918	SSF x LoA	-9,25176851	-0,010	0,308

CHR5	9350089	CHR5:9350089	SSF x LoA	-8,90708287	-0,023	0,317
CHR5	9350169	CHR5:9350169	SSF x LoA	-9,16992371	0,054	0,289
CHR5	935625	CHR5:935625	SSF x LoA	-11,6021145	-0,069	0,305
CHR5	935681	CHR5:935681	SSF x LoA	-11,1594045	0,004	0,309
CHR5	935707	CHR5:935707	SSF x LoA	-6,94066007	0,185	0,293
CHR5	9371953	CHR5:9371953	SSF x LoA	-7,48923887	-0,047	0,325
CHR5	9371963	CHR5:9371963	SSF x LoA	-3,62994636	0,153	0,287
CHR5	9372050	CHR5:9372050	SSF x LoA	-11,0154953	-0,124	0,307
CHR5	9372075	CHR5:9372075	SSF x LoA	-8,13809034	-0,163	0,307
CHR5	9372982	CHR5:9372982	SSF x LoA	-7,31892853	-0,111	0,306
CHR5	9373006	CHR5:9373006	SSF x LoA	-8,43949084	-0,093	0,321
CHR5	9373040	CHR5:9373040	SSF x LoA	-8,83688535	-0,050	0,319
CHR5	9373041	CHR5:9373041	SSF x LoA	-7,8509229	-0,040	0,302
CHR5	9377912	CHR5:9377912	SSF x LoA	-8,510258	0,048	0,318
CHR5	9377952	CHR5:9377952	SSF x LoA	-10,2017021	0,022	0,326
CHR5	9383255	CHR5:9383255	SSF x LoA	-8,54040803	0,008	0,306
CHR5	9383283	CHR5:9383283	SSF x LoA	-9,26162071	0,039	0,301
CHR5	9399454	CHR5:9399454	SSF x LoA	-12,186173	0,000	0,309
CHR5	9410329	CHR5:9410329	SSF x LoA	-11,6576213	0,051	0,316
CHR5	9416153	CHR5:9416153	SSF x LoA	-9,53858069	0,075	0,315
CHR5	9441523	CHR5:9441523	SSF x LoA	-8,88079706	0,053	0,300
CHR5	9443892	CHR5:9443892	SSF x LoA	-10,505425	-0,035	0,300
CHR5	9456640	CHR5:9456640	SSF x LoA	-9,39346916	0,048	0,304
CHR5	9475755	CHR5:9475755	SSF x LoA	-9,26001135	-0,019	0,307
CHR5	9484571	CHR5:9484571	SSF x LoA	-9,01319267	0,102	0,311
CHR5	9489765	CHR5:9489765	SSF x LoA	-12,0391954	-0,035	0,302
CHR5	9490716	CHR5:9490716	SSF x LoA	-7,95699657	0,112	0,303
CHR5	9493072	CHR5:9493072	SSF x LoA	-10,615589	0,081	0,296
CHR5	9494905	CHR5:9494905	SSF x LoA	-10,2392242	0,038	0,312
CHR5	9494906	CHR5:9494906	SSF x LoA	-9,88984825	0,023	0,303
CHR5	9494979	CHR5:9494979	SSF x LoA	-11,8971254	0,030	0,315
CHR5	9508708	CHR5:9508708	SSF x LoA	-2,52461395	-0,079	0,308
CHR5	9508749	CHR5:9508749	SSF x LoA	-10,4487512	0,076	0,308
CHR5	9508783	CHR5:9508783	SSF x LoA	-5,06122653	-0,108	0,305
CHR5	9508796	CHR5:9508796	SSF x LoA	-10,379153	-0,037	0,304
CHR5	9508856	CHR5:9508856	SSF x LoA	-8,64587936	0,000	0,303
CHR5	9508864	CHR5:9508864	SSF x LoA	-10,2435275	0,081	0,314
CHR5	9512505	CHR5:9512505	SSF x LoA	-8,54141515	-0,064	0,304
CHR5	9512595	CHR5:9512595	SSF x LoA	-9,27722909	-0,074	0,313
CHR5	9516609	CHR5:9516609	SSF x LoA	-9,07639937	-0,050	0,306
CHR5	9516639	CHR5:9516639	SSF x LoA	-7,05279023	-0,140	0,300
CHR5	9516712	CHR5:9516712	SSF x LoA	-10,8310898	-0,073	0,298
CHR5	9521992	CHR5:9521992	SSF x LoA	-9,59031871	-0,080	0,310
CHR5	9532646	CHR5:9532646	SSF x LoA	-1,5288608	0,003	0,315
CHR5	9532900	CHR5:9532900	SSF x LoA	-8,21791563	-0,007	0,325
CHR5	9536807	CHR5:9536807	SSF x LoA	-7,66703133	0,095	0,305
CHR5	9537008	CHR5:9537008	SSF x LoA	-9,67083576	0,080	0,292
CHR5	9546029	CHR5:9546029	SSF x LoA	-10,0422261	0,049	0,302
CHR5	9546049	CHR5:9546049	SSF x LoA	-8,87183929	0,037	0,302
CHR5	9560151	CHR5:9560151	SSF x LoA	-10,3071828	0,056	0,310
CHR5	9560271	CHR5:9560271	SSF x LoA	-8,89194344	0,012	0,287
CHR5	956805	CHR5:956805	SSF x LoA	-10,0220755	0,066	0,305
CHR5	956895	CHR5:956895	SSF x LoA	-9,08544317	-0,054	0,314

CHR5	956981	CHR5:956981	SSF x LoA	-9,01299065	-0,124	0,307
CHR5	956982	CHR5:956982	SSF x LoA	-7,6679375	-0,146	0,298
CHR5	9569982	CHR5:9569982	SSF x LoA	-8,09689965	-0,033	0,305
CHR5	9570035	CHR5:9570035	SSF x LoA	-10,8350151	0,048	0,312
CHR5	9570079	CHR5:9570079	SSF x LoA	-9,86101612	0,073	0,314
CHR5	9570092	CHR5:9570092	SSF x LoA	-9,12241972	-0,064	0,317
CHR5	9570100	CHR5:9570100	SSF x LoA	-7,27761991	-0,132	0,313
CHR5	9570186	CHR5:9570186	SSF x LoA	-11,1175675	0,029	0,295
CHR5	9570214	CHR5:9570214	SSF x LoA	-10,3351533	-0,120	0,310
CHR5	9570223	CHR5:9570223	SSF x LoA	-9,44231557	-0,122	0,290
CHR5	9570226	CHR5:9570226	SSF x LoA	-8,40006522	0,098	0,309
CHR5	957035	CHR5:957035	SSF x LoA	-3,49457128	-0,092	0,314
CHR5	957101	CHR5:957101	SSF x LoA	-9,47754253	-0,091	0,311
CHR5	9575643	CHR5:9575643	SSF x LoA	-7,92942681	0,018	0,312
CHR5	9583203	CHR5:9583203	SSF x LoA	-8,61907874	0,091	0,312
CHR5	9583314	CHR5:9583314	SSF x LoA	-8,66058118	0,081	0,312
CHR5	9583365	CHR5:9583365	SSF x LoA	-7,18768235	0,077	0,307
CHR5	9598259	CHR5:9598259	SSF x LoA	-4,87322608	0,070	0,305
CHR5	9598395	CHR5:9598395	SSF x LoA	-6,54028011	0,010	0,301
CHR5	9598413	CHR5:9598413	SSF x LoA	-10,38912	0,015	0,306
CHR5	9598420	CHR5:9598420	SSF x LoA	-9,74849492	0,007	0,308
CHR5	9600775	CHR5:9600775	SSF x LoA	-11,5238815	0,005	0,295
CHR5	9600855	CHR5:9600855	SSF x LoA	-8,43420577	-0,018	0,304
CHR5	9606712	CHR5:9606712	SSF x LoA	-8,1350723	-0,117	0,308
CHR5	9613775	CHR5:9613775	SSF x LoA	-8,95614026	-0,092	0,300
CHR5	9613806	CHR5:9613806	SSF x LoA	-8,53999505	0,087	0,301
CHR5	9613809	CHR5:9613809	SSF x LoA	-9,51665284	-0,007	0,305
CHR5	9613907	CHR5:9613907	SSF x LoA	-9,56009405	0,119	0,307
CHR5	9613929	CHR5:9613929	SSF x LoA	-11,4960249	-0,073	0,307
CHR5	9623565	CHR5:9623565	SSF x LoA	-11,3826301	-0,003	0,314
CHR5	9623762	CHR5:9623762	SSF x LoA	-9,52855485	-0,043	0,292
CHR5	9623778	CHR5:9623778	SSF x LoA	-11,8662129	-0,045	0,298
CHR5	9626698	CHR5:9626698	SSF x LoA	-8,58355857	0,084	0,298
CHR5	9626723	CHR5:9626723	SSF x LoA	-5,86951205	0,042	0,311
CHR5	9637689	CHR5:9637689	SSF x LoA	-10,0196495	0,053	0,290
CHR5	9637703	CHR5:9637703	SSF x LoA	-8,65168779	-0,022	0,315
CHR5	9637797	CHR5:9637797	SSF x LoA	-9,79231863	0,022	0,306
CHR5	9637847	CHR5:9637847	SSF x LoA	-11,935894	0,073	0,302
CHR5	9637874	CHR5:9637874	SSF x LoA	-9,10308309	0,046	0,316
CHR5	964225	CHR5:964225	SSF x LoA	-9,6551358	0,031	0,313
CHR5	964393	CHR5:964393	SSF x LoA	-9,59156747	-0,064	0,291
CHR5	9645667	CHR5:9645667	SSF x LoA	-8,51863287	0,110	0,308
CHR5	9645821	CHR5:9645821	SSF x LoA	-9,30932593	0,010	0,305
CHR5	9645862	CHR5:9645862	SSF x LoA	-12,1085635	0,054	0,303
CHR5	9658392	CHR5:9658392	SSF x LoA	-10,5772327	0,039	0,318
CHR5	9658422	CHR5:9658422	SSF x LoA	-9,33044327	0,054	0,313
CHR5	9658428	CHR5:9658428	SSF x LoA	-10,354769	0,046	0,313
CHR5	9662741	CHR5:9662741	SSF x LoA	-8,02863495	-0,005	0,310
CHR5	9663538	CHR5:9663538	SSF x LoA	-10,0417723	0,117	0,310
CHR5	9666255	CHR5:9666255	SSF x LoA	-8,0627583	0,091	0,291
CHR5	9666368	CHR5:9666368	SSF x LoA	-7,92330693	-0,003	0,309
CHR5	9666386	CHR5:9666386	SSF x LoA	-9,38097549	0,019	0,312
CHR5	9666408	CHR5:9666408	SSF x LoA	-8,92990473	0,061	0,304

CHR5	9666449	CHR5:9666449	SSF x LoA	-5,98490292	0,020	0,316
CHR5	9666486	CHR5:9666486	SSF x LoA	-9,90224186	0,042	0,307
CHR5	9666494	CHR5:9666494	SSF x LoA	-9,5826819	0,050	0,318
CHR5	9669336	CHR5:9669336	SSF x LoA	-7,86285737	-0,040	0,318
CHR5	9669429	CHR5:9669429	SSF x LoA	-5,67507081	0,048	0,305
CHR5	9669453	CHR5:9669453	SSF x LoA	-9,82106595	0,022	0,305
CHR5	9669455	CHR5:9669455	SSF x LoA	-9,36211392	-0,005	0,319
CHR5	9669504	CHR5:9669504	SSF x LoA	-7,77349678	0,041	0,307
CHR5	9669512	CHR5:9669512	SSF x LoA	-11,0713786	-0,010	0,313
CHR5	9672308	CHR5:9672308	SSF x LoA	-8,57643779	0,054	0,290
CHR5	9672322	CHR5:9672322	SSF x LoA	-4,14378963	0,117	0,302
CHR5	9673997	CHR5:9673997	SSF x LoA	-8,6856097	-0,070	0,294
CHR5	9674058	CHR5:9674058	SSF x LoA	-8,12929224	0,028	0,307
CHR5	9674148	CHR5:9674148	SSF x LoA	-10,6558067	0,034	0,316
CHR5	9677176	CHR5:9677176	SSF x LoA	-10,4015241	0,036	0,304
CHR5	967991	CHR5:967991	SSF x LoA	-8,89116126	-0,012	0,306
CHR5	968066	CHR5:968066	SSF x LoA	-11,6522967	-0,015	0,293
CHR5	9684733	CHR5:9684733	SSF x LoA	-11,2370113	0,074	0,298
CHR5	9686045	CHR5:9686045	SSF x LoA	-8,27555943	-0,151	0,311
CHR5	9686088	CHR5:9686088	SSF x LoA	-7,87129013	0,036	0,314
CHR5	9686304	CHR5:9686304	SSF x LoA	-10,2449056	-0,082	0,301
CHR5	9696585	CHR5:9696585	SSF x LoA	-8,87852056	-0,079	0,303
CHR5	9720215	CHR5:9720215	SSF x LoA	-8,54737515	-0,024	0,316
CHR5	9722927	CHR5:9722927	SSF x LoA	-7,8889247	-0,100	0,297
CHR5	9722929	CHR5:9722929	SSF x LoA	-7,93641849	-0,126	0,294
CHR5	9722953	CHR5:9722953	SSF x LoA	-9,16344492	-0,059	0,303
CHR5	9722970	CHR5:9722970	SSF x LoA	-7,20130757	-0,071	0,305
CHR5	9722989	CHR5:9722989	SSF x LoA	-9,66088891	0,061	0,317
CHR5	9723015	CHR5:9723015	SSF x LoA	-9,21865013	-0,084	0,301
CHR5	9723079	CHR5:9723079	SSF x LoA	-9,90437896	0,011	0,307
CHR5	9723095	CHR5:9723095	SSF x LoA	-9,81729299	0,082	0,301
CHR5	9725699	CHR5:9725699	SSF x LoA	-9,12958688	-0,143	0,302
CHR5	9725755	CHR5:9725755	SSF x LoA	-6,34651378	-0,167	0,300
CHR5	9725776	CHR5:9725776	SSF x LoA	-9,53038476	-0,052	0,307
CHR5	9725786	CHR5:9725786	SSF x LoA	-9,82959287	-0,045	0,307
CHR5	9725801	CHR5:9725801	SSF x LoA	-7,17808398	0,136	0,298
CHR5	9725834	CHR5:9725834	SSF x LoA	-12,2798158	-0,019	0,297
CHR5	9731435	CHR5:9731435	SSF x LoA	-10,1426961	0,047	0,301
CHR5	9731487	CHR5:9731487	SSF x LoA	-8,0865664	-0,083	0,310
CHR5	9731494	CHR5:9731494	SSF x LoA	-11,0173607	-0,015	0,301
CHR5	9731586	CHR5:9731586	SSF x LoA	-8,47355755	-0,126	0,302
CHR5	9731594	CHR5:9731594	SSF x LoA	-8,75284657	-0,078	0,302
CHR5	9731623	CHR5:9731623	SSF x LoA	-11,3107132	0,051	0,298
CHR5	9731657	CHR5:9731657	SSF x LoA	-10,4784029	0,049	0,295
CHR5	9731662	CHR5:9731662	SSF x LoA	-8,39880048	0,174	0,298
CHR5	9731669	CHR5:9731669	SSF x LoA	2,65930592	0,167	0,293
CHR5	9731676	CHR5:9731676	SSF x LoA	-5,15525929	0,173	0,284
CHR5	9731707	CHR5:9731707	SSF x LoA	-11,6055278	0,059	0,302
CHR5	9734992	CHR5:9734992	SSF x LoA	-9,52102559	0,066	0,310
CHR5	9735077	CHR5:9735077	SSF x LoA	-6,55932114	-0,090	0,301
CHR5	9735114	CHR5:9735114	SSF x LoA	-9,60721489	-0,075	0,301
CHR5	9735184	CHR5:9735184	SSF x LoA	-7,67297743	0,106	0,318
CHR5	9735211	CHR5:9735211	SSF x LoA	-9,99312104	0,065	0,302

CHR5	974059	CHR5:974059	SSF x LoA	-8,87543158	0,142	0,290
CHR5	974100	CHR5:974100	SSF x LoA	-5,91813946	0,136	0,308
CHR5	974163	CHR5:974163	SSF x LoA	-10,0181828	-0,064	0,311
CHR5	9747383	CHR5:9747383	SSF x LoA	-8,90058348	-0,041	0,304
CHR5	9749290	CHR5:9749290	SSF x LoA	-7,75684828	0,072	0,301
CHR5	9749318	CHR5:9749318	SSF x LoA	-11,3176785	0,037	0,293
CHR5	9749329	CHR5:9749329	SSF x LoA	-9,7156872	0,063	0,304
CHR5	9749334	CHR5:9749334	SSF x LoA	-9,4433867	-0,009	0,302
CHR5	9749414	CHR5:9749414	SSF x LoA	-4,98900324	0,156	0,307
CHR5	9749444	CHR5:9749444	SSF x LoA	2,09769846	0,191	0,305
CHR5	9749448	CHR5:9749448	SSF x LoA	-11,1912051	0,094	0,302
CHR5	9749468	CHR5:9749468	SSF x LoA	-3,5001334	-0,176	0,297
CHR5	9749518	CHR5:9749518	SSF x LoA	-7,71865466	-0,160	0,295
CHR5	9770758	CHR5:9770758	SSF x LoA	0,7594578	0,028	0,300
CHR5	9770862	CHR5:9770862	SSF x LoA	-7,54840914	-0,014	0,301
CHR5	9770926	CHR5:9770926	SSF x LoA	-10,8473269	-0,029	0,318
CHR5	9776921	CHR5:9776921	SSF x LoA	-7,93761024	0,043	0,307
CHR5	9776973	CHR5:9776973	SSF x LoA	-8,36458398	-0,039	0,312
CHR5	9777031	CHR5:9777031	SSF x LoA	-8,96317036	-0,005	0,311
CHR5	9777158	CHR5:9777158	SSF x LoA	-7,60706403	-0,138	0,302
CHR5	9780150	CHR5:9780150	SSF x LoA	-9,39855097	0,060	0,317
CHR5	9781666	CHR5:9781666	SSF x LoA	-9,94705709	0,023	0,311
CHR5	9781676	CHR5:9781676	SSF x LoA	-9,09807565	0,021	0,319
CHR5	9781695	CHR5:9781695	SSF x LoA	-12,1409747	0,056	0,300
CHR5	9781739	CHR5:9781739	SSF x LoA	-9,01812269	-0,137	0,300
CHR5	9781752	CHR5:9781752	SSF x LoA	-10,9209885	-0,039	0,315
CHR5	9781808	CHR5:9781808	SSF x LoA	-10,3104967	-0,031	0,294
CHR5	9781823	CHR5:9781823	SSF x LoA	-8,45479441	-0,011	0,324
CHR5	9781828	CHR5:9781828	SSF x LoA	-10,7494423	0,072	0,303
CHR5	9781845	CHR5:9781845	SSF x LoA	-11,1487556	-0,065	0,315
CHR5	9781848	CHR5:9781848	SSF x LoA	-11,395918	-0,067	0,307
CHR5	9784640	CHR5:9784640	SSF x LoA	-8,87255825	0,117	0,302
CHR5	9784658	CHR5:9784658	SSF x LoA	-8,62596509	0,005	0,317
CHR5	9784698	CHR5:9784698	SSF x LoA	-8,22227968	0,115	0,298
CHR5	9784706	CHR5:9784706	SSF x LoA	-9,07923879	0,104	0,307
CHR5	9784714	CHR5:9784714	SSF x LoA	-7,95600145	-0,016	0,318
CHR5	9784822	CHR5:9784822	SSF x LoA	-11,5377442	0,001	0,309
CHR5	9784842	CHR5:9784842	SSF x LoA	-6,48997668	-0,042	0,303
CHR5	9784849	CHR5:9784849	SSF x LoA	-9,30577599	-0,024	0,292
CHR5	9784870	CHR5:9784870	SSF x LoA	-9,57916264	-0,023	0,300
CHR5	9786448	CHR5:9786448	SSF x LoA	-10,0739897	-0,028	0,298
CHR5	9788448	CHR5:9788448	SSF x LoA	-3,44445078	-0,262	0,287
CHR5	9788466	CHR5:9788466	SSF x LoA	-8,95087565	0,033	0,316
CHR5	9788506	CHR5:9788506	SSF x LoA	-2,47353013	-0,206	0,296
CHR5	9788527	CHR5:9788527	SSF x LoA	-9,227257	0,099	0,304
CHR5	979863	CHR5:979863	SSF x LoA	-8,59535804	-0,010	0,324
CHR5	979902	CHR5:979902	SSF x LoA	-7,35139852	0,023	0,309
CHR5	979928	CHR5:979928	SSF x LoA	-10,431345	0,150	0,312
CHR5	979952	CHR5:979952	SSF x LoA	-10,2321637	-0,047	0,308
CHR5	979973	CHR5:979973	SSF x LoA	-9,57959443	0,006	0,305
CHR5	979978	CHR5:979978	SSF x LoA	-9,52088991	-0,025	0,313
CHR5	980109	CHR5:980109	SSF x LoA	-8,523605	0,056	0,302
CHR5	980117	CHR5:980117	SSF x LoA	-10,4268542	-0,033	0,306

CHR5	980134	CHR5:980134	SSF x LoA	-7,82018397	0,173	0,294
CHR5	9812204	CHR5:9812204	SSF x LoA	-10,0064967	0,013	0,307
CHR5	9812249	CHR5:9812249	SSF x LoA	-11,478184	-0,014	0,314
CHR5	9812270	CHR5:9812270	SSF x LoA	-7,68814392	-0,066	0,320
CHR5	9821161	CHR5:9821161	SSF x LoA	-8,29739222	-0,095	0,312
CHR5	9821166	CHR5:9821166	SSF x LoA	-7,98141151	-0,081	0,304
CHR5	9821190	CHR5:9821190	SSF x LoA	-7,56751461	-0,108	0,309
CHR5	9821212	CHR5:9821212	SSF x LoA	-10,5405479	0,094	0,313
CHR5	9821233	CHR5:9821233	SSF x LoA	-8,22406882	-0,119	0,306
CHR5	9821545	CHR5:9821545	SSF x LoA	-9,86290979	0,081	0,306
CHR5	9821550	CHR5:9821550	SSF x LoA	-9,31916741	-0,103	0,311
CHR5	9826671	CHR5:9826671	SSF x LoA	-9,25736691	-0,049	0,302
CHR5	9826691	CHR5:9826691	SSF x LoA	-7,85224182	0,033	0,300
CHR5	9826747	CHR5:9826747	SSF x LoA	-9,18887477	-0,091	0,300
CHR5	9826756	CHR5:9826756	SSF x LoA	-9,89617852	0,024	0,309
CHR5	9826789	CHR5:9826789	SSF x LoA	-8,0899975	-0,093	0,304
CHR5	9826801	CHR5:9826801	SSF x LoA	-9,66613228	-0,049	0,298
CHR5	9837661	CHR5:9837661	SSF x LoA	-10,6668589	0,039	0,301
CHR5	9839142	CHR5:9839142	SSF x LoA	-8,43979803	-0,134	0,311
CHR5	9839144	CHR5:9839144	SSF x LoA	-5,81897727	0,039	0,312
CHR5	9839168	CHR5:9839168	SSF x LoA	-9,00292709	-0,034	0,305
CHR5	9839208	CHR5:9839208	SSF x LoA	-8,58520229	0,085	0,308
CHR5	9846596	CHR5:9846596	SSF x LoA	-4,45334642	0,094	0,310
CHR5	9847821	CHR5:9847821	SSF x LoA	-11,3455686	-0,040	0,308
CHR5	9852651	CHR5:9852651	SSF x LoA	-10,0225264	-0,029	0,301
CHR5	9852682	CHR5:9852682	SSF x LoA	-8,56730199	-0,091	0,288
CHR5	9852786	CHR5:9852786	SSF x LoA	-8,36242304	0,096	0,317
CHR5	9865425	CHR5:9865425	SSF x LoA	-8,15492438	0,006	0,306
CHR5	9865428	CHR5:9865428	SSF x LoA	-7,9858643	-0,140	0,303
CHR5	9865453	CHR5:9865453	SSF x LoA	-10,7484163	0,033	0,305
CHR5	9865688	CHR5:9865688	SSF x LoA	-11,0883469	-0,011	0,313
CHR5	9865693	CHR5:9865693	SSF x LoA	-9,88115957	-0,001	0,313
CHR5	9865694	CHR5:9865694	SSF x LoA	-10,893871	0,000	0,306
CHR5	9865696	CHR5:9865696	SSF x LoA	-5,95580845	-0,218	0,287
CHR5	9865718	CHR5:9865718	SSF x LoA	-12,0511668	0,008	0,314
CHR5	9873711	CHR5:9873711	SSF x LoA	-12,156887	0,042	0,297
CHR5	9873832	CHR5:9873832	SSF x LoA	-11,6838746	0,024	0,295
CHR5	9873833	CHR5:9873833	SSF x LoA	-11,9495864	0,008	0,299
CHR5	9873838	CHR5:9873838	SSF x LoA	-6,79534765	0,036	0,316
CHR5	9873872	CHR5:9873872	SSF x LoA	-8,70510501	-0,087	0,295
CHR5	9877051	CHR5:9877051	SSF x LoA	-10,26627	-0,038	0,314
CHR5	9877056	CHR5:9877056	SSF x LoA	-11,0939266	0,014	0,303
CHR5	988364	CHR5:988364	SSF x LoA	-10,6306897	0,015	0,311
CHR5	988384	CHR5:988384	SSF x LoA	-2,53600374	0,015	0,318
CHR5	988437	CHR5:988437	SSF x LoA	-7,15015749	-0,026	0,325
CHR5	988444	CHR5:988444	SSF x LoA	-10,713	-0,106	0,307
CHR5	988451	CHR5:988451	SSF x LoA	-9,98477025	-0,017	0,321
CHR5	9886786	CHR5:9886786	SSF x LoA	-9,66484942	0,074	0,309
CHR5	9890007	CHR5:9890007	SSF x LoA	-3,37528648	0,197	0,299
CHR5	9897375	CHR5:9897375	SSF x LoA	-11,8908345	0,010	0,302
CHR5	9897399	CHR5:9897399	SSF x LoA	-10,6287011	0,024	0,295
CHR5	9897634	CHR5:9897634	SSF x LoA	-10,8477316	-0,013	0,300
CHR5	9897635	CHR5:9897635	SSF x LoA	-8,69741163	-0,059	0,319

CHR5	9898711	CHR5:9898711	SSF x LoA	-10,9425313	0,021	0,308
CHR5	9898712	CHR5:9898712	SSF x LoA	-10,8976094	-0,006	0,310
CHR5	9898782	CHR5:9898782	SSF x LoA	-8,47019632	-0,073	0,305
CHR5	9899084	CHR5:9899084	SSF x LoA	-11,1488007	0,091	0,296
CHR5	9901532	CHR5:9901532	SSF x LoA	-11,1143167	0,024	0,300
CHR5	9901536	CHR5:9901536	SSF x LoA	-10,6469873	0,005	0,302
CHR5	990456	CHR5:990456	SSF x LoA	-7,52711565	-0,085	0,300
CHR5	990591	CHR5:990591	SSF x LoA	-11,4357586	-0,061	0,304
CHR5	990668	CHR5:990668	SSF x LoA	-9,17568498	-0,015	0,309
CHR5	9915847	CHR5:9915847	SSF x LoA	-6,25345234	-0,151	0,316
CHR5	9915865	CHR5:9915865	SSF x LoA	-6,25852454	-0,159	0,312
CHR5	9938260	CHR5:9938260	SSF x LoA	-11,4567513	-0,033	0,310
CHR5	9938282	CHR5:9938282	SSF x LoA	-7,53915675	0,139	0,297
CHR5	9951466	CHR5:9951466	SSF x LoA	-8,11948401	-0,007	0,335
CHR5	99589	CHR5:99589	SSF x LoA	-7,07708757	0,042	0,319
CHR5	9968213	CHR5:9968213	SSF x LoA	-10,098084	0,057	0,306
CHR5	9974429	CHR5:9974429	SSF x LoA	-8,70472364	0,174	0,292
CHR5	997629	CHR5:997629	SSF x LoA	-9,05509433	-0,058	0,310
CHR5	997673	CHR5:997673	SSF x LoA	-4,8591257	0,023	0,308
CHR5	997693	CHR5:997693	SSF x LoA	-8,55351	0,050	0,313
CHR5	9978876	CHR5:9978876	SSF x LoA	-9,61971126	-0,023	0,313
CHR5	9978882	CHR5:9978882	SSF x LoA	-9,54970884	0,000	0,303
CHR5	9978891	CHR5:9978891	SSF x LoA	-9,56803142	0,007	0,320
CHR5	9982171	CHR5:9982171	SSF x LoA	-6,39799399	0,027	0,314
CHR5	9982226	CHR5:9982226	SSF x LoA	-8,60755376	0,011	0,314
CHR5	9983100	CHR5:9983100	SSF x LoA	-8,34636495	0,095	0,304
CHR5	9983151	CHR5:9983151	SSF x LoA	-8,75038963	-0,029	0,296
CHR5	9983225	CHR5:9983225	SSF x LoA	-8,3495316	0,002	0,311
CHR5	9983235	CHR5:9983235	SSF x LoA	-9,76562083	-0,034	0,311
CHR5	9998318	CHR5:9998318	SSF x LoA	-8,20220394	-0,106	0,316
CHR5	9998396	CHR5:9998396	SSF x LoA	-6,21545005	-0,117	0,302
CHR6	1E+07	CHR6:10003852	SSF x LoA	-10,8275974	-0,053	0,316
CHR6	1E+07	CHR6:10003860	SSF x LoA	-9,2749348	-0,020	0,311
CHR6	1E+07	CHR6:10003914	SSF x LoA	-7,99711387	-0,151	0,291
CHR6	1E+07	CHR6:10003953	SSF x LoA	-9,71251052	0,031	0,304
CHR6	1E+07	CHR6:10018655	SSF x LoA	-8,57853842	0,022	0,305
CHR6	1E+07	CHR6:10023725	SSF x LoA	-9,49089925	0,090	0,315
CHR6	1E+07	CHR6:10023733	SSF x LoA	-8,3333857	0,035	0,288
CHR6	1E+07	CHR6:10023742	SSF x LoA	-7,60350875	0,084	0,323
CHR6	1E+07	CHR6:10023752	SSF x LoA	-9,02065815	0,045	0,312
CHR6	1E+07	CHR6:10031500	SSF x LoA	-5,24424422	0,104	0,310
CHR6	1E+07	CHR6:10035942	SSF x LoA	-8,41199295	-0,076	0,297
CHR6	1E+07	CHR6:10036336	SSF x LoA	-6,31800479	0,033	0,319
CHR6	1E+07	CHR6:10041201	SSF x LoA	-8,48927603	0,159	0,307
CHR6	1E+07	CHR6:10043552	SSF x LoA	-11,1086629	-0,039	0,314
CHR6	1E+07	CHR6:10043578	SSF x LoA	-9,94871607	-0,119	0,301
CHR6	1E+07	CHR6:10043693	SSF x LoA	-4,47840638	0,259	0,297
CHR6	1E+07	CHR6:10043705	SSF x LoA	-10,3223751	-0,073	0,305
CHR6	1E+07	CHR6:10053186	SSF x LoA	-10,0059639	-0,106	0,304
CHR6	1E+07	CHR6:10053259	SSF x LoA	-10,3238261	0,093	0,296
CHR6	1E+07	CHR6:10056541	SSF x LoA	-6,81490847	0,046	0,305
CHR6	1E+07	CHR6:10056572	SSF x LoA	-10,5249814	0,105	0,303
CHR6	1E+07	CHR6:10060648	SSF x LoA	-11,1236192	-0,007	0,299

CHR6	1E+07	CHR6:10063646	SSF x LoA	-7,86665127	0,109	0,319
CHR6	1E+07	CHR6:10063647	SSF x LoA	-7,50567344	0,102	0,309
CHR6	1E+07	CHR6:10063709	SSF x LoA	-8,98560799	0,140	0,312
CHR6	1E+07	CHR6:10063736	SSF x LoA	-4,87721706	-0,115	0,309
CHR6	1E+07	CHR6:10063787	SSF x LoA	-9,08543227	0,108	0,297
CHR6	1E+07	CHR6:10067710	SSF x LoA	-8,3928584	0,038	0,296
CHR6	1E+07	CHR6:10067786	SSF x LoA	-9,66107344	0,056	0,316
CHR6	1E+07	CHR6:10067888	SSF x LoA	-8,63206961	0,048	0,313
CHR6	1E+07	CHR6:10069531	SSF x LoA	-5,70998618	-0,178	0,302
CHR6	1E+07	CHR6:10069536	SSF x LoA	-6,79293655	-0,103	0,324
CHR6	1E+07	CHR6:10069572	SSF x LoA	-10,5049653	-0,067	0,318
CHR6	1E+07	CHR6:10069578	SSF x LoA	-6,49347362	0,102	0,285
CHR6	1E+07	CHR6:10069602	SSF x LoA	-5,85348531	0,169	0,294
CHR6	1E+07	CHR6:10069607	SSF x LoA	-9,40509162	0,101	0,312
CHR6	1E+07	CHR6:10073830	SSF x LoA	-9,99497188	0,064	0,299
CHR6	1E+07	CHR6:10073939	SSF x LoA	-2,85872182	-0,063	0,309
CHR6	1008048	CHR6:1008048	SSF x LoA	-5,27754833	-0,087	0,313
CHR6	1E+07	CHR6:10085457	SSF x LoA	-9,46942731	-0,056	0,299
CHR6	1E+07	CHR6:10085461	SSF x LoA	-10,6807282	0,006	0,312
CHR6	1E+07	CHR6:10085508	SSF x LoA	-9,64457479	-0,078	0,301
CHR6	1E+07	CHR6:10094613	SSF x LoA	-9,00394821	0,047	0,307
CHR6	1E+07	CHR6:10094730	SSF x LoA	-7,25725185	0,024	0,310
CHR6	1E+07	CHR6:10094733	SSF x LoA	-8,12196885	-0,017	0,316
CHR6	1E+07	CHR6:10094837	SSF x LoA	1,98347091	-0,084	0,303
CHR6	1E+07	CHR6:10094844	SSF x LoA	-10,4158322	-0,033	0,311
CHR6	1E+07	CHR6:10113837	SSF x LoA	-8,7770789	-0,031	0,319
CHR6	1E+07	CHR6:10113902	SSF x LoA	-7,68799095	0,014	0,317
CHR6	1E+07	CHR6:10113939	SSF x LoA	-10,5945959	-0,109	0,294
CHR6	1E+07	CHR6:10114020	SSF x LoA	-12,436343	0,002	0,298
CHR6	1E+07	CHR6:10114036	SSF x LoA	-10,7264198	0,005	0,319
CHR6	1E+07	CHR6:10114044	SSF x LoA	-11,9885714	-0,028	0,298
CHR6	1E+07	CHR6:10114047	SSF x LoA	-10,204535	-0,024	0,315
CHR6	1E+07	CHR6:10136814	SSF x LoA	-8,77904763	-0,105	0,304
CHR6	1E+07	CHR6:10141545	SSF x LoA	-2,11584004	-0,053	0,299
CHR6	1E+07	CHR6:10153454	SSF x LoA	-9,28905567	-0,033	0,299
CHR6	1E+07	CHR6:10162830	SSF x LoA	-9,04519529	-0,047	0,295
CHR6	1E+07	CHR6:10162892	SSF x LoA	-4,13046135	0,006	0,304
CHR6	1E+07	CHR6:10172877	SSF x LoA	-11,3615075	0,003	0,308
CHR6	1019895	CHR6:1019895	SSF x LoA	-9,79753999	0,039	0,305
CHR6	102208	CHR6:102208	SSF x LoA	-11,2789008	-0,007	0,302
CHR6	1E+07	CHR6:10247294	SSF x LoA	-11,3589624	-0,044	0,312
CHR6	1E+07	CHR6:10247422	SSF x LoA	-8,12455135	-0,137	0,305
CHR6	1E+07	CHR6:10247521	SSF x LoA	-8,60850885	-0,054	0,337
CHR6	1E+07	CHR6:10250559	SSF x LoA	-7,85435709	-0,058	0,312
CHR6	1E+07	CHR6:10250621	SSF x LoA	-8,89311018	-0,047	0,305
CHR6	1E+07	CHR6:10256866	SSF x LoA	-11,5457749	-0,026	0,303
CHR6	1E+07	CHR6:10256946	SSF x LoA	-11,0533499	-0,021	0,330
CHR6	1E+07	CHR6:10256959	SSF x LoA	-9,803126	0,066	0,307
CHR6	1E+07	CHR6:10256999	SSF x LoA	-11,6599977	-0,002	0,305
CHR6	1E+07	CHR6:10257063	SSF x LoA	-10,9029905	0,078	0,306
CHR6	1E+07	CHR6:10257066	SSF x LoA	-9,62252599	-0,048	0,314
CHR6	1E+07	CHR6:10257069	SSF x LoA	-7,65536971	-0,014	0,307
CHR6	1E+07	CHR6:10257113	SSF x LoA	-10,2391317	-0,036	0,307

CHR6	1E+07	CHR6:10259296	SSF x LoA	-11,2659181	-0,036	0,303
CHR6	1E+07	CHR6:10259345	SSF x LoA	-9,82527321	0,036	0,303
CHR6	1E+07	CHR6:10268082	SSF x LoA	-10,2324761	0,009	0,316
CHR6	1E+07	CHR6:10268140	SSF x LoA	-8,75314225	0,008	0,304
CHR6	1E+07	CHR6:10268194	SSF x LoA	-8,44813415	0,069	0,306
CHR6	1E+07	CHR6:10268335	SSF x LoA	-9,84801175	0,093	0,310
CHR6	1E+07	CHR6:10273043	SSF x LoA	-9,51706424	0,008	0,294
CHR6	1E+07	CHR6:10273143	SSF x LoA	-5,26394143	-0,016	0,318
CHR6	1E+07	CHR6:10276582	SSF x LoA	-8,2746229	0,065	0,315
CHR6	1E+07	CHR6:10282210	SSF x LoA	-8,46790974	-0,031	0,304
CHR6	1E+07	CHR6:10282341	SSF x LoA	-10,6101424	0,042	0,304
CHR6	1E+07	CHR6:10292865	SSF x LoA	-9,49763779	-0,101	0,309
CHR6	1E+07	CHR6:10293016	SSF x LoA	-7,78030307	-0,062	0,323
CHR6	1E+07	CHR6:10299272	SSF x LoA	-10,8064264	0,053	0,316
CHR6	1E+07	CHR6:10305447	SSF x LoA	-5,666551	-0,217	0,300
CHR6	1E+07	CHR6:10305484	SSF x LoA	-10,6363451	0,029	0,301
CHR6	1E+07	CHR6:10305564	SSF x LoA	-9,34992456	-0,118	0,306
CHR6	1E+07	CHR6:10315324	SSF x LoA	-10,2867132	0,169	0,294
CHR6	1E+07	CHR6:10316709	SSF x LoA	-8,3476149	-0,034	0,314
CHR6	1E+07	CHR6:10332715	SSF x LoA	-9,48720536	-0,029	0,305
CHR6	1E+07	CHR6:10332759	SSF x LoA	-7,67235138	-0,083	0,306
CHR6	1E+07	CHR6:10333501	SSF x LoA	-1,45711884	0,031	0,311
CHR6	1E+07	CHR6:10334869	SSF x LoA	-7,70733159	0,030	0,297
CHR6	1E+07	CHR6:10334974	SSF x LoA	-9,94071168	-0,022	0,310
CHR6	1E+07	CHR6:10335044	SSF x LoA	-11,0713912	0,015	0,300
CHR6	1E+07	CHR6:10338012	SSF x LoA	-11,4113162	-0,007	0,304
CHR6	1E+07	CHR6:10354715	SSF x LoA	-7,96311982	-0,053	0,315
CHR6	1E+07	CHR6:10354725	SSF x LoA	-9,57487424	0,021	0,299
CHR6	1E+07	CHR6:10354840	SSF x LoA	-8,66884328	0,020	0,317
CHR6	1E+07	CHR6:10354921	SSF x LoA	-10,0940395	-0,021	0,299
CHR6	1E+07	CHR6:10361602	SSF x LoA	-10,0802338	0,074	0,292
CHR6	1E+07	CHR6:10361742	SSF x LoA	-7,71678212	-0,076	0,290
CHR6	1E+07	CHR6:10361749	SSF x LoA	-9,27510785	-0,055	0,312
CHR6	1E+07	CHR6:10367439	SSF x LoA	-10,4044509	-0,074	0,301
CHR6	1E+07	CHR6:10367454	SSF x LoA	-7,44511925	-0,036	0,306
CHR6	1E+07	CHR6:10392548	SSF x LoA	-10,8945858	0,120	0,295
CHR6	1E+07	CHR6:10392633	SSF x LoA	-8,14446214	-0,070	0,318
CHR6	1039572	CHR6:1039572	SSF x LoA	-9,42144421	0,029	0,301
CHR6	1E+07	CHR6:10399143	SSF x LoA	-8,38245859	0,070	0,308
CHR6	1E+07	CHR6:10399347	SSF x LoA	-2,64523541	-0,040	0,313
CHR6	1E+07	CHR6:10403911	SSF x LoA	-7,6888505	-0,114	0,306
CHR6	1E+07	CHR6:10403929	SSF x LoA	-9,1945929	-0,092	0,316
CHR6	1E+07	CHR6:10403995	SSF x LoA	-7,95076445	0,162	0,303
CHR6	1E+07	CHR6:10404013	SSF x LoA	-10,8566807	-0,032	0,311
CHR6	1E+07	CHR6:10404019	SSF x LoA	-9,44224167	0,040	0,311
CHR6	1E+07	CHR6:10408037	SSF x LoA	-8,78747188	-0,003	0,319
CHR6	1E+07	CHR6:10409960	SSF x LoA	-4,12542571	-0,167	0,300
CHR6	1E+07	CHR6:10410073	SSF x LoA	-10,6943393	-0,001	0,289
CHR6	1E+07	CHR6:10425116	SSF x LoA	-8,92408633	-0,086	0,309
CHR6	1E+07	CHR6:10425147	SSF x LoA	-7,76063103	-0,085	0,311
CHR6	1E+07	CHR6:10430461	SSF x LoA	-6,06070237	0,112	0,309
CHR6	1E+07	CHR6:10432082	SSF x LoA	-8,90642992	0,145	0,297
CHR6	1E+07	CHR6:10432178	SSF x LoA	1,6725948	0,145	0,307

CHR6	1E+07	CHR6:10437660	SSF x LoA	-10,0116107	0,105	0,291
CHR6	1E+07	CHR6:10437725	SSF x LoA	-10,8112098	0,037	0,302
CHR6	1E+07	CHR6:10437793	SSF x LoA	-11,6400811	0,029	0,306
CHR6	1E+07	CHR6:10437828	SSF x LoA	-6,89963525	0,014	0,308
CHR6	1E+07	CHR6:10437835	SSF x LoA	-11,5315388	0,032	0,296
CHR6	1E+07	CHR6:10437857	SSF x LoA	-8,82331256	0,110	0,301
CHR6	1E+07	CHR6:10443365	SSF x LoA	-6,14311088	0,015	0,321
CHR6	1E+07	CHR6:10443493	SSF x LoA	-11,1458973	-0,062	0,319
CHR6	1E+07	CHR6:10443510	SSF x LoA	-9,21660411	0,065	0,298
CHR6	1E+07	CHR6:10443516	SSF x LoA	-2,29014559	0,107	0,320
CHR6	1E+07	CHR6:10457334	SSF x LoA	-10,6064638	-0,125	0,302
CHR6	1E+07	CHR6:10462420	SSF x LoA	-10,0645951	-0,009	0,311
CHR6	1E+07	CHR6:10462446	SSF x LoA	-9,98940022	-0,078	0,292
CHR6	1E+07	CHR6:10462520	SSF x LoA	-9,39718636	-0,039	0,311
CHR6	1E+07	CHR6:10462560	SSF x LoA	-10,8468382	0,079	0,315
CHR6	1E+07	CHR6:10462601	SSF x LoA	-8,33066208	0,079	0,310
CHR6	1E+07	CHR6:10468877	SSF x LoA	-9,25609378	0,026	0,294
CHR6	1E+07	CHR6:10468911	SSF x LoA	-10,6521769	0,016	0,314
CHR6	1E+07	CHR6:10468914	SSF x LoA	-8,61170107	-0,058	0,311
CHR6	1E+07	CHR6:10471230	SSF x LoA	-11,8419698	-0,030	0,299
CHR6	1E+07	CHR6:10471317	SSF x LoA	-8,16198031	0,021	0,309
CHR6	1E+07	CHR6:10484140	SSF x LoA	-9,59754762	0,085	0,315
CHR6	1E+07	CHR6:10484143	SSF x LoA	-5,84018883	-0,016	0,312
CHR6	1E+07	CHR6:10484220	SSF x LoA	-7,25059857	0,023	0,311
CHR6	1E+07	CHR6:10498351	SSF x LoA	-11,5701821	-0,073	0,317
CHR6	10505208	CHR6:10505208	SSF x LoA	-11,1957682	0,018	0,290
CHR6	10522391	CHR6:10522391	SSF x LoA	-9,53638473	-0,071	0,305
CHR6	10535055	CHR6:10535055	SSF x LoA	-10,3546163	-0,063	0,308
CHR6	10535277	CHR6:10535277	SSF x LoA	-11,1926264	0,138	0,299
CHR6	10535296	CHR6:10535296	SSF x LoA	-7,67754532	0,103	0,296
CHR6	10537263	CHR6:10537263	SSF x LoA	-12,229281	-0,014	0,303
CHR6	10537297	CHR6:10537297	SSF x LoA	-7,8704666	-0,044	0,299
CHR6	10546431	CHR6:10546431	SSF x LoA	-5,21358305	0,037	0,310
CHR6	10558996	CHR6:10558996	SSF x LoA	-10,7033838	-0,044	0,312
CHR6	10559047	CHR6:10559047	SSF x LoA	-5,16820285	-0,177	0,301
CHR6	10559115	CHR6:10559115	SSF x LoA	-9,98044511	0,030	0,304
CHR6	10559140	CHR6:10559140	SSF x LoA	-10,6134387	0,096	0,295
CHR6	10559167	CHR6:10559167	SSF x LoA	-8,77538474	0,062	0,306
CHR6	10561809	CHR6:10561809	SSF x LoA	-8,17481312	0,164	0,307
CHR6	10561982	CHR6:10561982	SSF x LoA	-10,2307721	-0,024	0,310
CHR6	10574522	CHR6:10574522	SSF x LoA	-7,4527337	-0,111	0,318
CHR6	10578672	CHR6:10578672	SSF x LoA	-5,85985156	0,235	0,290
CHR6	10581603	CHR6:10581603	SSF x LoA	-7,07735312	0,133	0,316
CHR6	10606089	CHR6:10606089	SSF x LoA	-8,48666634	-0,006	0,297
CHR6	10606109	CHR6:10606109	SSF x LoA	-8,128494	-0,105	0,300
CHR6	10606163	CHR6:10606163	SSF x LoA	-9,25564734	0,060	0,293
CHR6	10607925	CHR6:10607925	SSF x LoA	-8,47277982	0,081	0,307
CHR6	10608161	CHR6:10608161	SSF x LoA	-8,25829792	-0,030	0,315
CHR6	10612565	CHR6:10612565	SSF x LoA	-8,42709877	-0,002	0,301
CHR6	10614543	CHR6:10614543	SSF x LoA	-8,19507148	0,018	0,301
CHR6	10616145	CHR6:10616145	SSF x LoA	-9,92168862	-0,080	0,298
CHR6	10616151	CHR6:10616151	SSF x LoA	-8,26977312	0,012	0,324
CHR6	10616217	CHR6:10616217	SSF x LoA	-8,11047659	0,030	0,310

CHR6	10616218	CHR6:10616218	SSF x LoA	-5,28004924	0,067	0,288
CHR6	10616233	CHR6:10616233	SSF x LoA	-8,93030745	0,030	0,313
CHR6	10616274	CHR6:10616274	SSF x LoA	-10,1359004	-0,105	0,303
CHR6	10616286	CHR6:10616286	SSF x LoA	-7,38521339	0,107	0,317
CHR6	10616290	CHR6:10616290	SSF x LoA	-11,4791769	0,065	0,307
CHR6	10616294	CHR6:10616294	SSF x LoA	-8,25239557	-0,116	0,314
CHR6	10616310	CHR6:10616310	SSF x LoA	-8,74382391	0,096	0,304
CHR6	10616316	CHR6:10616316	SSF x LoA	-8,45670106	0,057	0,304
CHR6	10621184	CHR6:10621184	SSF x LoA	-9,89568826	-0,080	0,307
CHR6	10621237	CHR6:10621237	SSF x LoA	-9,56173268	-0,044	0,294
CHR6	10621434	CHR6:10621434	SSF x LoA	-8,83870873	-0,037	0,312
CHR6	10623417	CHR6:10623417	SSF x LoA	-10,3789511	-0,018	0,309
CHR6	10623421	CHR6:10623421	SSF x LoA	-10,4467408	0,042	0,310
CHR6	10623447	CHR6:10623447	SSF x LoA	-9,74220216	-0,131	0,301
CHR6	10623498	CHR6:10623498	SSF x LoA	-8,60980469	-0,030	0,294
CHR6	10623527	CHR6:10623527	SSF x LoA	-10,2780821	-0,018	0,313
CHR6	10623545	CHR6:10623545	SSF x LoA	-9,16096442	-0,023	0,307
CHR6	10623576	CHR6:10623576	SSF x LoA	-10,4501044	0,006	0,306
CHR6	10623604	CHR6:10623604	SSF x LoA	-10,6667571	0,009	0,310
CHR6	10626020	CHR6:10626020	SSF x LoA	-11,9644138	-0,038	0,311
CHR6	10632183	CHR6:10632183	SSF x LoA	-8,50947615	-0,031	0,302
CHR6	10632212	CHR6:10632212	SSF x LoA	-10,1471057	0,109	0,294
CHR6	10634292	CHR6:10634292	SSF x LoA	-8,23605157	0,005	0,316
CHR6	10644894	CHR6:10644894	SSF x LoA	-8,23414088	-0,093	0,295
CHR6	10644948	CHR6:10644948	SSF x LoA	-9,38146703	-0,038	0,300
CHR6	10644954	CHR6:10644954	SSF x LoA	-11,8605551	0,027	0,294
CHR6	10645140	CHR6:10645140	SSF x LoA	-9,25428825	-0,027	0,301
CHR6	10648102	CHR6:10648102	SSF x LoA	-8,80843077	0,022	0,294
CHR6	10648104	CHR6:10648104	SSF x LoA	-10,8180315	0,013	0,310
CHR6	10648118	CHR6:10648118	SSF x LoA	-10,8547411	-0,054	0,303
CHR6	10648210	CHR6:10648210	SSF x LoA	-8,94299147	0,036	0,303
CHR6	10648215	CHR6:10648215	SSF x LoA	-8,43771294	0,049	0,306
CHR6	10669421	CHR6:10669421	SSF x LoA	-9,97903708	-0,009	0,302
CHR6	10669509	CHR6:10669509	SSF x LoA	-10,4994919	0,018	0,306
CHR6	1068506	CHR6:1068506	SSF x LoA	-6,36079161	-0,020	0,313
CHR6	1068529	CHR6:1068529	SSF x LoA	-9,40613858	0,058	0,312
CHR6	1068531	CHR6:1068531	SSF x LoA	-8,63210984	0,071	0,312
CHR6	1068559	CHR6:1068559	SSF x LoA	-8,59893811	0,023	0,327
CHR6	10692227	CHR6:10692227	SSF x LoA	-8,59970379	-0,045	0,304
CHR6	10692229	CHR6:10692229	SSF x LoA	-8,56144212	0,007	0,302
CHR6	10692263	CHR6:10692263	SSF x LoA	-5,56408922	-0,090	0,299
CHR6	10697725	CHR6:10697725	SSF x LoA	-9,40738939	0,056	0,288
CHR6	10699132	CHR6:10699132	SSF x LoA	-10,7509533	0,014	0,314
CHR6	10699196	CHR6:10699196	SSF x LoA	-8,97556985	0,067	0,311
CHR6	10701125	CHR6:10701125	SSF x LoA	-11,1046803	0,074	0,302
CHR6	10701161	CHR6:10701161	SSF x LoA	-6,3050486	-0,117	0,305
CHR6	10701200	CHR6:10701200	SSF x LoA	-11,237282	-0,054	0,303
CHR6	10718065	CHR6:10718065	SSF x LoA	-5,55247015	0,046	0,294
CHR6	10718162	CHR6:10718162	SSF x LoA	-6,54103217	0,121	0,307
CHR6	10719140	CHR6:10719140	SSF x LoA	-10,9156274	0,011	0,302
CHR6	10719147	CHR6:10719147	SSF x LoA	-8,78044007	0,106	0,294
CHR6	10719168	CHR6:10719168	SSF x LoA	-8,43608502	-0,006	0,318
CHR6	10719200	CHR6:10719200	SSF x LoA	-8,13948571	-0,098	0,292

CHR6	10723028	CHR6:10723028	SSF x LoA	-7,71149568	-0,039	0,307
CHR6	10723054	CHR6:10723054	SSF x LoA	-9,2628996	-0,031	0,290
CHR6	10723057	CHR6:10723057	SSF x LoA	-7,52836611	0,082	0,299
CHR6	10723227	CHR6:10723227	SSF x LoA	-11,8466983	0,055	0,292
CHR6	107798	CHR6:107798	SSF x LoA	-9,84683839	-0,067	0,309
CHR6	107881	CHR6:107881	SSF x LoA	-8,8502653	-0,096	0,314
CHR6	107898	CHR6:107898	SSF x LoA	-11,460807	-0,115	0,313
CHR6	10801724	CHR6:10801724	SSF x LoA	-9,48145975	-0,022	0,315
CHR6	10820820	CHR6:10820820	SSF x LoA	-9,30107143	-0,183	0,313
CHR6	10820829	CHR6:10820829	SSF x LoA	-8,46669943	-0,012	0,305
CHR6	10820953	CHR6:10820953	SSF x LoA	-9,5099707	-0,029	0,305
CHR6	10820983	CHR6:10820983	SSF x LoA	-8,06200053	-0,064	0,301
CHR6	10821052	CHR6:10821052	SSF x LoA	-8,90851431	0,018	0,303
CHR6	10828793	CHR6:10828793	SSF x LoA	-1,95734118	0,160	0,302
CHR6	10828867	CHR6:10828867	SSF x LoA	-6,48215188	-0,158	0,289
CHR6	10828868	CHR6:10828868	SSF x LoA	-6,0807623	-0,162	0,288
CHR6	10828873	CHR6:10828873	SSF x LoA	-9,27900037	0,017	0,305
CHR6	10828891	CHR6:10828891	SSF x LoA	-10,4283987	-0,152	0,279
CHR6	10828897	CHR6:10828897	SSF x LoA	-7,89741246	0,014	0,315
CHR6	10828914	CHR6:10828914	SSF x LoA	-8,94038486	0,007	0,298
CHR6	10829214	CHR6:10829214	SSF x LoA	-7,84664777	0,048	0,291
CHR6	10829227	CHR6:10829227	SSF x LoA	-9,06783097	-0,008	0,306
CHR6	10829265	CHR6:10829265	SSF x LoA	-8,71963662	0,021	0,306
CHR6	10829332	CHR6:10829332	SSF x LoA	-9,07264574	-0,086	0,309
CHR6	10851265	CHR6:10851265	SSF x LoA	-10,3901545	-0,008	0,304
CHR6	10851269	CHR6:10851269	SSF x LoA	-10,2964093	0,019	0,304
CHR6	10851282	CHR6:10851282	SSF x LoA	-8,85714323	0,039	0,302
CHR6	10851352	CHR6:10851352	SSF x LoA	-9,33478138	-0,060	0,302
CHR6	10865635	CHR6:10865635	SSF x LoA	-11,5191387	-0,054	0,311
CHR6	10865680	CHR6:10865680	SSF x LoA	-6,81133147	-0,088	0,320
CHR6	10865731	CHR6:10865731	SSF x LoA	-7,92580136	0,102	0,307
CHR6	10865790	CHR6:10865790	SSF x LoA	-8,39686286	0,030	0,304
CHR6	10865792	CHR6:10865792	SSF x LoA	-10,6245331	0,101	0,306
CHR6	10865796	CHR6:10865796	SSF x LoA	-9,52958857	-0,024	0,305
CHR6	10865827	CHR6:10865827	SSF x LoA	-9,09329694	0,042	0,301
CHR6	10869503	CHR6:10869503	SSF x LoA	-10,6938749	0,059	0,313
CHR6	10869524	CHR6:10869524	SSF x LoA	-9,84821728	-0,036	0,299
CHR6	10869558	CHR6:10869558	SSF x LoA	-10,0268118	-0,019	0,296
CHR6	10869668	CHR6:10869668	SSF x LoA	0,09563539	0,063	0,297
CHR6	10869702	CHR6:10869702	SSF x LoA	-11,8305293	-0,056	0,293
CHR6	10869740	CHR6:10869740	SSF x LoA	-7,52396154	0,169	0,299
CHR6	10869786	CHR6:10869786	SSF x LoA	-5,27187474	0,148	0,300
CHR6	10869790	CHR6:10869790	SSF x LoA	-9,00510692	-0,049	0,314
CHR6	10869818	CHR6:10869818	SSF x LoA	-10,4551374	0,040	0,311
CHR6	10871687	CHR6:10871687	SSF x LoA	-6,46380928	-0,089	0,310
CHR6	10871710	CHR6:10871710	SSF x LoA	-9,7026562	0,001	0,299
CHR6	10871756	CHR6:10871756	SSF x LoA	-11,4230833	0,034	0,301
CHR6	10875908	CHR6:10875908	SSF x LoA	-9,08775078	0,022	0,311
CHR6	10875983	CHR6:10875983	SSF x LoA	-8,52785078	0,122	0,301
CHR6	10889929	CHR6:10889929	SSF x LoA	-5,68420795	-0,034	0,312
CHR6	10889980	CHR6:10889980	SSF x LoA	-11,6277072	-0,034	0,299
CHR6	10890021	CHR6:10890021	SSF x LoA	-11,4072095	-0,021	0,324
CHR6	10892231	CHR6:10892231	SSF x LoA	-9,33633487	0,091	0,302

CHR6	10892308	CHR6:10892308	SSF x LoA	-11,2894039	0,034	0,308
CHR6	10892346	CHR6:10892346	SSF x LoA	-7,62437065	0,008	0,320
CHR6	1089242	CHR6:1089242	SSF x LoA	-11,6167397	0,067	0,297
CHR6	10892443	CHR6:10892443	SSF x LoA	-9,43335833	-0,005	0,306
CHR6	1089292	CHR6:1089292	SSF x LoA	-6,10923715	0,084	0,313
CHR6	1089304	CHR6:1089304	SSF x LoA	-9,46789854	0,085	0,315
CHR6	1089305	CHR6:1089305	SSF x LoA	-2,53391972	0,094	0,311
CHR6	1089413	CHR6:1089413	SSF x LoA	-12,3257431	-0,007	0,305
CHR6	10901556	CHR6:10901556	SSF x LoA	-9,33986587	0,067	0,289
CHR6	10901574	CHR6:10901574	SSF x LoA	-6,43205078	-0,040	0,319
CHR6	10901591	CHR6:10901591	SSF x LoA	-8,30415117	0,049	0,296
CHR6	10901596	CHR6:10901596	SSF x LoA	-8,61528471	0,094	0,297
CHR6	10901660	CHR6:10901660	SSF x LoA	-9,96666001	-0,010	0,311
CHR6	10912176	CHR6:10912176	SSF x LoA	-9,84525306	-0,069	0,306
CHR6	10912347	CHR6:10912347	SSF x LoA	-10,1561685	0,029	0,311
CHR6	10939950	CHR6:10939950	SSF x LoA	-5,63640514	0,022	0,302
CHR6	10939966	CHR6:10939966	SSF x LoA	-8,65938341	0,005	0,320
CHR6	10940518	CHR6:10940518	SSF x LoA	-9,22435802	-0,095	0,305
CHR6	10940551	CHR6:10940551	SSF x LoA	-7,567556	0,103	0,313
CHR6	10942020	CHR6:10942020	SSF x LoA	-10,4542565	0,079	0,320
CHR6	10942060	CHR6:10942060	SSF x LoA	-10,8286981	0,090	0,302
CHR6	10942070	CHR6:10942070	SSF x LoA	-8,94940801	-0,024	0,310
CHR6	10942086	CHR6:10942086	SSF x LoA	-11,6096028	0,105	0,290
CHR6	1094315	CHR6:1094315	SSF x LoA	-12,2090094	0,031	0,294
CHR6	1094319	CHR6:1094319	SSF x LoA	-11,1097212	0,056	0,311
CHR6	1094347	CHR6:1094347	SSF x LoA	-1,63600367	0,146	0,306
CHR6	10944289	CHR6:10944289	SSF x LoA	-8,27341927	-0,096	0,303
CHR6	10944315	CHR6:10944315	SSF x LoA	-6,50627149	-0,089	0,311
CHR6	10954346	CHR6:10954346	SSF x LoA	-7,91174219	-0,174	0,298
CHR6	10954829	CHR6:10954829	SSF x LoA	-9,97488142	0,057	0,304
CHR6	10957113	CHR6:10957113	SSF x LoA	-9,91483523	-0,037	0,295
CHR6	1095872	CHR6:1095872	SSF x LoA	-7,42732965	0,046	0,303
CHR6	1095911	CHR6:1095911	SSF x LoA	-5,50469655	-0,204	0,282
CHR6	10962869	CHR6:10962869	SSF x LoA	-5,58494396	0,047	0,316
CHR6	10962877	CHR6:10962877	SSF x LoA	-7,99488868	0,069	0,313
CHR6	10962955	CHR6:10962955	SSF x LoA	-8,53733538	0,103	0,313
CHR6	10963077	CHR6:10963077	SSF x LoA	-9,86951129	-0,074	0,310
CHR6	10981872	CHR6:10981872	SSF x LoA	-9,90183597	0,083	0,301
CHR6	10983444	CHR6:10983444	SSF x LoA	-10,3865384	0,083	0,318
CHR6	10983478	CHR6:10983478	SSF x LoA	-10,1234878	0,077	0,316
CHR6	10983507	CHR6:10983507	SSF x LoA	-9,69770482	-0,022	0,314
CHR6	10983548	CHR6:10983548	SSF x LoA	-10,0131472	-0,092	0,306
CHR6	10983557	CHR6:10983557	SSF x LoA	-9,2231457	0,109	0,310
CHR6	10983579	CHR6:10983579	SSF x LoA	-10,0931067	0,081	0,306
CHR6	10987316	CHR6:10987316	SSF x LoA	-7,58108173	0,087	0,305
CHR6	11005037	CHR6:11005037	SSF x LoA	-5,39514925	0,154	0,307
CHR6	11005131	CHR6:11005131	SSF x LoA	-9,28254628	-0,086	0,300
CHR6	11008145	CHR6:11008145	SSF x LoA	-9,39999236	0,061	0,310
CHR6	11008147	CHR6:11008147	SSF x LoA	-8,80742547	-0,095	0,302
CHR6	11008177	CHR6:11008177	SSF x LoA	-10,0361358	0,161	0,297
CHR6	11011203	CHR6:11011203	SSF x LoA	-11,6846056	0,003	0,305
CHR6	11016149	CHR6:11016149	SSF x LoA	-9,47564177	-0,020	0,299
CHR6	11016176	CHR6:11016176	SSF x LoA	-8,16748789	-0,079	0,296

CHR6	11016241	CHR6:11016241	SSF x LoA	-6,98444581	0,046	0,309
CHR6	11016954	CHR6:11016954	SSF x LoA	-8,90855724	0,057	0,311
CHR6	11016992	CHR6:11016992	SSF x LoA	-9,24458438	-0,015	0,298
CHR6	11020734	CHR6:11020734	SSF x LoA	-11,145248	-0,054	0,322
CHR6	11020736	CHR6:11020736	SSF x LoA	-12,5172447	-0,047	0,312
CHR6	11021447	CHR6:11021447	SSF x LoA	-7,32417037	-0,096	0,310
CHR6	11021454	CHR6:11021454	SSF x LoA	-7,8251309	-0,120	0,302
CHR6	11021560	CHR6:11021560	SSF x LoA	-8,44108347	-0,069	0,306
CHR6	11050107	CHR6:11050107	SSF x LoA	-10,2059814	0,082	0,312
CHR6	11050165	CHR6:11050165	SSF x LoA	-8,57056743	-0,008	0,316
CHR6	11050166	CHR6:11050166	SSF x LoA	-8,26002973	-0,013	0,319
CHR6	11050168	CHR6:11050168	SSF x LoA	-8,41662355	-0,064	0,295
CHR6	11072264	CHR6:11072264	SSF x LoA	-8,87757961	0,033	0,316
CHR6	1109368	CHR6:1109368	SSF x LoA	-10,4227581	-0,022	0,314
CHR6	1109373	CHR6:1109373	SSF x LoA	-1,36739216	-0,061	0,313
CHR6	11097417	CHR6:11097417	SSF x LoA	-11,8637885	-0,042	0,302
CHR6	11097698	CHR6:11097698	SSF x LoA	-8,11640209	-0,002	0,316
CHR6	11110565	CHR6:11110565	SSF x LoA	-7,29140276	0,096	0,308
CHR6	11110595	CHR6:11110595	SSF x LoA	-11,0325477	0,123	0,297
CHR6	11110597	CHR6:11110597	SSF x LoA	-11,6353472	0,070	0,289
CHR6	11110642	CHR6:11110642	SSF x LoA	-8,02438103	-0,090	0,297
CHR6	11110715	CHR6:11110715	SSF x LoA	-10,8788838	0,067	0,307
CHR6	11110725	CHR6:11110725	SSF x LoA	-4,93909187	0,043	0,304
CHR6	11110783	CHR6:11110783	SSF x LoA	-6,57682472	0,063	0,308
CHR6	11120911	CHR6:11120911	SSF x LoA	-12,0382777	-0,054	0,301
CHR6	11124096	CHR6:11124096	SSF x LoA	-9,20511036	-0,101	0,298
CHR6	11124112	CHR6:11124112	SSF x LoA	-9,84002737	0,000	0,311
CHR6	11124157	CHR6:11124157	SSF x LoA	-10,4154786	-0,093	0,301
CHR6	11124178	CHR6:11124178	SSF x LoA	-10,2501877	-0,100	0,299
CHR6	11131224	CHR6:11131224	SSF x LoA	-9,5371941	0,008	0,295
CHR6	11131424	CHR6:11131424	SSF x LoA	-11,5630713	-0,056	0,299
CHR6	11139427	CHR6:11139427	SSF x LoA	-9,86511316	0,053	0,318
CHR6	1113957	CHR6:1113957	SSF x LoA	-7,92849787	0,016	0,317
CHR6	1114076	CHR6:1114076	SSF x LoA	-8,80978	-0,005	0,311
CHR6	11151299	CHR6:11151299	SSF x LoA	-10,9700369	-0,003	0,308
CHR6	11168778	CHR6:11168778	SSF x LoA	-9,90049699	0,078	0,298
CHR6	11169261	CHR6:11169261	SSF x LoA	-8,92757685	0,063	0,311
CHR6	11169287	CHR6:11169287	SSF x LoA	-7,56106259	0,147	0,306
CHR6	11169351	CHR6:11169351	SSF x LoA	-6,77636135	-0,096	0,308
CHR6	11174827	CHR6:11174827	SSF x LoA	-8,88178752	-0,066	0,297
CHR6	11176097	CHR6:11176097	SSF x LoA	-8,32769835	-0,037	0,314
CHR6	11178249	CHR6:11178249	SSF x LoA	-8,31243071	0,060	0,305
CHR6	11178269	CHR6:11178269	SSF x LoA	-8,77959871	0,066	0,317
CHR6	11178330	CHR6:11178330	SSF x LoA	-5,78990631	-0,022	0,316
CHR6	1118158	CHR6:1118158	SSF x LoA	-8,05940355	-0,048	0,313
CHR6	1118159	CHR6:1118159	SSF x LoA	-8,2375671	-0,042	0,312
CHR6	1118215	CHR6:1118215	SSF x LoA	-8,13573463	0,009	0,314
CHR6	1118288	CHR6:1118288	SSF x LoA	-10,2160596	0,066	0,296
CHR6	1118316	CHR6:1118316	SSF x LoA	-8,07763412	0,050	0,317
CHR6	11202235	CHR6:11202235	SSF x LoA	-8,47853214	0,015	0,302
CHR6	11202244	CHR6:11202244	SSF x LoA	-5,68112898	0,018	0,314
CHR6	11202247	CHR6:11202247	SSF x LoA	-7,87374013	0,011	0,305
CHR6	11202281	CHR6:11202281	SSF x LoA	-8,60022042	0,018	0,319

CHR6	11202288	CHR6:11202288	SSF x LoA	-9,03805825	0,043	0,301
CHR6	11202302	CHR6:11202302	SSF x LoA	-9,11292246	0,018	0,316
CHR6	11202309	CHR6:11202309	SSF x LoA	-4,00459501	0,065	0,308
CHR6	11202310	CHR6:11202310	SSF x LoA	-8,63518176	0,022	0,313
CHR6	11202338	CHR6:11202338	SSF x LoA	-9,7141643	-0,102	0,299
CHR6	11202377	CHR6:11202377	SSF x LoA	-9,36808426	-0,034	0,305
CHR6	11202379	CHR6:11202379	SSF x LoA	-9,21777102	-0,027	0,303
CHR6	11202392	CHR6:11202392	SSF x LoA	-10,5661864	-0,027	0,284
CHR6	11202398	CHR6:11202398	SSF x LoA	-8,90658282	-0,045	0,303
CHR6	11202400	CHR6:11202400	SSF x LoA	-10,4730092	-0,055	0,297
CHR6	11202408	CHR6:11202408	SSF x LoA	-9,48323644	-0,069	0,300
CHR6	11202413	CHR6:11202413	SSF x LoA	-8,50349209	-0,026	0,308
CHR6	11202425	CHR6:11202425	SSF x LoA	-9,40975615	-0,039	0,309
CHR6	11202440	CHR6:11202440	SSF x LoA	-9,22294986	-0,012	0,316
CHR6	11202462	CHR6:11202462	SSF x LoA	-9,63105328	0,009	0,307
CHR6	11226040	CHR6:11226040	SSF x LoA	-9,41151631	-0,061	0,311
CHR6	11226041	CHR6:11226041	SSF x LoA	-8,49465142	-0,129	0,300
CHR6	11226057	CHR6:11226057	SSF x LoA	-8,95721787	-0,066	0,305
CHR6	11226231	CHR6:11226231	SSF x LoA	-8,11118788	-0,111	0,302
CHR6	11226246	CHR6:11226246	SSF x LoA	-11,315126	-0,093	0,306
CHR6	11230781	CHR6:11230781	SSF x LoA	-10,1673235	0,123	0,299
CHR6	11249839	CHR6:11249839	SSF x LoA	-8,06910793	-0,032	0,308
CHR6	11249842	CHR6:11249842	SSF x LoA	-9,30039189	0,075	0,301
CHR6	11249877	CHR6:11249877	SSF x LoA	-10,384915	0,007	0,311
CHR6	11249914	CHR6:11249914	SSF x LoA	-8,72421062	0,129	0,307
CHR6	11256871	CHR6:11256871	SSF x LoA	-11,4307863	0,021	0,307
CHR6	11259426	CHR6:11259426	SSF x LoA	-8,41317128	-0,034	0,316
CHR6	11259463	CHR6:11259463	SSF x LoA	-11,059132	-0,024	0,319
CHR6	11265953	CHR6:11265953	SSF x LoA	-10,9465892	-0,002	0,297
CHR6	11265964	CHR6:11265964	SSF x LoA	-6,25173364	0,095	0,297
CHR6	11265971	CHR6:11265971	SSF x LoA	-8,91631346	0,017	0,324
CHR6	11266021	CHR6:11266021	SSF x LoA	-8,76738024	0,055	0,306
CHR6	1126664	CHR6:1126664	SSF x LoA	-10,145944	0,015	0,316
CHR6	11276167	CHR6:11276167	SSF x LoA	-7,64094937	0,097	0,312
CHR6	11276206	CHR6:11276206	SSF x LoA	-11,2414511	-0,084	0,306
CHR6	11280037	CHR6:11280037	SSF x LoA	-9,44986761	0,056	0,308
CHR6	11288136	CHR6:11288136	SSF x LoA	-9,17346918	0,028	0,304
CHR6	11288336	CHR6:11288336	SSF x LoA	-7,41993747	-0,046	0,321
CHR6	11296558	CHR6:11296558	SSF x LoA	-8,79373388	0,140	0,318
CHR6	11296738	CHR6:11296738	SSF x LoA	-11,8427424	0,002	0,300
CHR6	11296749	CHR6:11296749	SSF x LoA	-9,54315391	0,068	0,304
CHR6	11296754	CHR6:11296754	SSF x LoA	-10,605686	-0,014	0,303
CHR6	11304737	CHR6:11304737	SSF x LoA	-11,2984259	0,040	0,305
CHR6	11304776	CHR6:11304776	SSF x LoA	-10,1421473	0,064	0,312
CHR6	11304792	CHR6:11304792	SSF x LoA	-10,9648543	0,019	0,307
CHR6	11304855	CHR6:11304855	SSF x LoA	-10,5311378	-0,040	0,315
CHR6	11304893	CHR6:11304893	SSF x LoA	-4,40499977	0,106	0,313
CHR6	11320137	CHR6:11320137	SSF x LoA	-8,09323837	0,034	0,313
CHR6	11320151	CHR6:11320151	SSF x LoA	-11,8658861	-0,073	0,300
CHR6	11320225	CHR6:11320225	SSF x LoA	-10,0830407	-0,017	0,315
CHR6	11320230	CHR6:11320230	SSF x LoA	-8,59669662	0,058	0,304
CHR6	11320237	CHR6:11320237	SSF x LoA	-8,21227354	0,075	0,306
CHR6	11328201	CHR6:11328201	SSF x LoA	-8,56392495	-0,144	0,310

CHR6	11331660	CHR6:11331660	SSF x LoA	-4,50759006	0,083	0,320
CHR6	11331697	CHR6:11331697	SSF x LoA	-10,6236936	0,006	0,310
CHR6	11331706	CHR6:11331706	SSF x LoA	-9,17729675	-0,150	0,303
CHR6	11332773	CHR6:11332773	SSF x LoA	-8,71399263	-0,033	0,317
CHR6	11332822	CHR6:11332822	SSF x LoA	-11,8436685	-0,078	0,299
CHR6	11358744	CHR6:11358744	SSF x LoA	-7,51436768	0,093	0,310
CHR6	11358946	CHR6:11358946	SSF x LoA	-11,2559162	-0,012	0,307
CHR6	11358981	CHR6:11358981	SSF x LoA	-11,0712346	0,052	0,303
CHR6	11375833	CHR6:11375833	SSF x LoA	-9,09806791	0,053	0,301
CHR6	11375926	CHR6:11375926	SSF x LoA	-8,15323368	0,012	0,311
CHR6	11375973	CHR6:11375973	SSF x LoA	-7,11492084	0,141	0,307
CHR6	1138883	CHR6:1138883	SSF x LoA	-11,1609815	-0,032	0,303
CHR6	1138918	CHR6:1138918	SSF x LoA	-11,0618788	-0,064	0,312
CHR6	1138927	CHR6:1138927	SSF x LoA	-11,8600861	0,013	0,305
CHR6	11398501	CHR6:11398501	SSF x LoA	-9,11504436	-0,009	0,305
CHR6	11398531	CHR6:11398531	SSF x LoA	-7,86780114	0,086	0,321
CHR6	11407451	CHR6:11407451	SSF x LoA	-2,14776931	0,092	0,308
CHR6	11427400	CHR6:11427400	SSF x LoA	-7,91931215	-0,079	0,312
CHR6	11427579	CHR6:11427579	SSF x LoA	-10,710241	-0,037	0,312
CHR6	11445830	CHR6:11445830	SSF x LoA	-8,58372418	0,080	0,303
CHR6	11445880	CHR6:11445880	SSF x LoA	-8,22736079	0,065	0,307
CHR6	11445929	CHR6:11445929	SSF x LoA	-8,19745215	0,087	0,307
CHR6	11445932	CHR6:11445932	SSF x LoA	-8,12099572	0,084	0,309
CHR6	11445948	CHR6:11445948	SSF x LoA	-11,1035151	0,001	0,303
CHR6	11445958	CHR6:11445958	SSF x LoA	-7,93013481	-0,076	0,306
CHR6	11446953	CHR6:11446953	SSF x LoA	-9,51727347	0,031	0,312
CHR6	11456797	CHR6:11456797	SSF x LoA	-9,35252836	0,026	0,274
CHR6	11456875	CHR6:11456875	SSF x LoA	-8,74945616	0,060	0,302
CHR6	11456918	CHR6:11456918	SSF x LoA	-7,32102755	-0,109	0,301
CHR6	11456940	CHR6:11456940	SSF x LoA	-9,81313117	0,011	0,295
CHR6	11456947	CHR6:11456947	SSF x LoA	-8,23714887	-0,023	0,305
CHR6	11456993	CHR6:11456993	SSF x LoA	-7,83358296	0,113	0,301
CHR6	11457009	CHR6:11457009	SSF x LoA	-9,69645741	0,119	0,309
CHR6	11457021	CHR6:11457021	SSF x LoA	-10,5751934	0,126	0,284
CHR6	11457044	CHR6:11457044	SSF x LoA	-7,61075561	0,087	0,298
CHR6	114720	CHR6:114720	SSF x LoA	-10,0265976	-0,137	0,301
CHR6	114734	CHR6:114734	SSF x LoA	-10,6869178	-0,117	0,286
CHR6	114859	CHR6:114859	SSF x LoA	-5,6250626	-0,187	0,300
CHR6	11488228	CHR6:11488228	SSF x LoA	-9,23853586	0,134	0,301
CHR6	1149099	CHR6:1149099	SSF x LoA	-9,37453259	-0,020	0,312
CHR6	11505538	CHR6:11505538	SSF x LoA	-8,86715261	-0,094	0,312
CHR6	11520896	CHR6:11520896	SSF x LoA	-10,0576175	-0,077	0,309
CHR6	11521046	CHR6:11521046	SSF x LoA	-10,5936243	0,007	0,303
CHR6	11523440	CHR6:11523440	SSF x LoA	-9,17733395	-0,055	0,299
CHR6	11523453	CHR6:11523453	SSF x LoA	-9,52585036	-0,034	0,299
CHR6	1153991	CHR6:1153991	SSF x LoA	-10,0596605	-0,092	0,321
CHR6	1154032	CHR6:1154032	SSF x LoA	-8,8124619	-0,089	0,313
CHR6	1154044	CHR6:1154044	SSF x LoA	-10,555873	-0,080	0,313
CHR6	1154059	CHR6:1154059	SSF x LoA	-11,0187813	-0,062	0,311
CHR6	1154062	CHR6:1154062	SSF x LoA	-8,98675485	-0,036	0,305
CHR6	11542882	CHR6:11542882	SSF x LoA	-6,27967118	-0,157	0,296
CHR6	11542888	CHR6:11542888	SSF x LoA	-6,98423737	0,061	0,315
CHR6	11542915	CHR6:11542915	SSF x LoA	-7,9453585	0,107	0,284

CHR6	11542943	CHR6:11542943	SSF x LoA	-8,13017632	0,149	0,298
CHR6	11542948	CHR6:11542948	SSF x LoA	-10,714406	0,099	0,297
CHR6	11542968	CHR6:11542968	SSF x LoA	-8,29010205	0,082	0,320
CHR6	11542996	CHR6:11542996	SSF x LoA	-3,08037786	0,117	0,309
CHR6	11542997	CHR6:11542997	SSF x LoA	-10,00916	0,061	0,290
CHR6	11543078	CHR6:11543078	SSF x LoA	-10,2139766	0,048	0,295
CHR6	11543091	CHR6:11543091	SSF x LoA	-9,79817377	0,094	0,303
CHR6	11543101	CHR6:11543101	SSF x LoA	-10,2189458	0,076	0,303
CHR6	11552598	CHR6:11552598	SSF x LoA	-10,0286622	0,043	0,312
CHR6	11552664	CHR6:11552664	SSF x LoA	-8,54434939	-0,017	0,307
CHR6	11552681	CHR6:11552681	SSF x LoA	-11,2076962	-0,008	0,308
CHR6	11552757	CHR6:11552757	SSF x LoA	-6,92189073	0,157	0,287
CHR6	11552766	CHR6:11552766	SSF x LoA	-8,22460925	-0,095	0,301
CHR6	11552770	CHR6:11552770	SSF x LoA	-10,2158365	-0,024	0,306
CHR6	11568401	CHR6:11568401	SSF x LoA	-10,3334294	0,069	0,308
CHR6	11568446	CHR6:11568446	SSF x LoA	-11,155519	0,016	0,307
CHR6	11568471	CHR6:11568471	SSF x LoA	-11,6523914	0,041	0,297
CHR6	11568484	CHR6:11568484	SSF x LoA	-10,992773	0,069	0,300
CHR6	11568487	CHR6:11568487	SSF x LoA	-11,1181523	0,019	0,293
CHR6	11568498	CHR6:11568498	SSF x LoA	-9,20754264	0,036	0,303
CHR6	11591643	CHR6:11591643	SSF x LoA	-9,16433619	0,008	0,309
CHR6	11591722	CHR6:11591722	SSF x LoA	-9,08981089	0,032	0,315
CHR6	11591725	CHR6:11591725	SSF x LoA	-1,45335472	-0,072	0,315
CHR6	11591823	CHR6:11591823	SSF x LoA	-11,1199305	0,020	0,311
CHR6	11591824	CHR6:11591824	SSF x LoA	-9,78349631	0,039	0,314
CHR6	11591861	CHR6:11591861	SSF x LoA	-8,80630965	0,073	0,310
CHR6	11591862	CHR6:11591862	SSF x LoA	-9,17951956	-0,105	0,302
CHR6	11595273	CHR6:11595273	SSF x LoA	-9,41243373	0,041	0,308
CHR6	11595307	CHR6:11595307	SSF x LoA	-7,35993285	-0,047	0,306
CHR6	11595357	CHR6:11595357	SSF x LoA	-10,8441849	-0,027	0,296
CHR6	11595361	CHR6:11595361	SSF x LoA	10,5578989	-0,019	0,307
CHR6	11595377	CHR6:11595377	SSF x LoA	-9,18523382	-0,106	0,303
CHR6	11595379	CHR6:11595379	SSF x LoA	-7,6076205	-0,024	0,305
CHR6	11595392	CHR6:11595392	SSF x LoA	-9,06187145	-0,082	0,316
CHR6	11595404	CHR6:11595404	SSF x LoA	-9,19124029	0,122	0,310
CHR6	11595425	CHR6:11595425	SSF x LoA	-12,0382478	-0,020	0,302
CHR6	11599157	CHR6:11599157	SSF x LoA	-8,99786966	-0,070	0,322
CHR6	11599170	CHR6:11599170	SSF x LoA	-10,0284902	-0,054	0,315
CHR6	11599177	CHR6:11599177	SSF x LoA	-8,48018806	-0,102	0,301
CHR6	11599185	CHR6:11599185	SSF x LoA	-10,7285869	0,027	0,315
CHR6	11605190	CHR6:11605190	SSF x LoA	-8,18644593	0,022	0,303
CHR6	11606446	CHR6:11606446	SSF x LoA	-8,07816532	0,014	0,312
CHR6	11612338	CHR6:11612338	SSF x LoA	-6,14220244	-0,138	0,294
CHR6	11626571	CHR6:11626571	SSF x LoA	-11,4985529	-0,033	0,290
CHR6	11632635	CHR6:11632635	SSF x LoA	-11,70251	0,027	0,305
CHR6	11635130	CHR6:11635130	SSF x LoA	-10,6143703	0,019	0,307
CHR6	11640975	CHR6:11640975	SSF x LoA	-9,54343818	-0,117	0,309
CHR6	11641075	CHR6:11641075	SSF x LoA	-11,6790206	0,016	0,317
CHR6	11641082	CHR6:11641082	SSF x LoA	-10,6838095	-0,006	0,313
CHR6	11641088	CHR6:11641088	SSF x LoA	-10,2311897	-0,048	0,300
CHR6	11641124	CHR6:11641124	SSF x LoA	-11,4710461	0,136	0,294
CHR6	11645399	CHR6:11645399	SSF x LoA	-8,90850652	0,004	0,301
CHR6	11645437	CHR6:11645437	SSF x LoA	-8,97843653	0,030	0,309

CHR6	11645453	CHR6:11645453	SSF x LoA	-8,58357452	-0,064	0,297
CHR6	11645562	CHR6:11645562	SSF x LoA	-10,9358878	0,037	0,303
CHR6	11645575	CHR6:11645575	SSF x LoA	-8,56337095	-0,111	0,303
CHR6	11645597	CHR6:11645597	SSF x LoA	-7,02751653	-0,113	0,311
CHR6	11659531	CHR6:11659531	SSF x LoA	-3,43691723	0,044	0,314
CHR6	11664701	CHR6:11664701	SSF x LoA	-7,35965416	-0,044	0,304
CHR6	11666562	CHR6:11666562	SSF x LoA	-9,99236354	0,034	0,300
CHR6	11666602	CHR6:11666602	SSF x LoA	-8,72709063	-0,020	0,313
CHR6	11666688	CHR6:11666688	SSF x LoA	-9,31822876	0,067	0,310
CHR6	11666747	CHR6:11666747	SSF x LoA	-9,65447853	-0,024	0,306
CHR6	11666792	CHR6:11666792	SSF x LoA	-9,55632004	0,130	0,298
CHR6	11673674	CHR6:11673674	SSF x LoA	-10,2231745	-0,114	0,298
CHR6	11679219	CHR6:11679219	SSF x LoA	-4,78475501	-0,086	0,309
CHR6	11679292	CHR6:11679292	SSF x LoA	-9,93965465	0,144	0,311
CHR6	11682632	CHR6:11682632	SSF x LoA	-9,84129519	-0,070	0,303
CHR6	11682667	CHR6:11682667	SSF x LoA	-11,0792007	-0,007	0,317
CHR6	11682727	CHR6:11682727	SSF x LoA	-8,9688563	-0,080	0,316
CHR6	11682855	CHR6:11682855	SSF x LoA	-9,84482268	0,035	0,302
CHR6	11682873	CHR6:11682873	SSF x LoA	-9,43693945	0,023	0,295
CHR6	11686460	CHR6:11686460	SSF x LoA	-3,28763086	0,128	0,319
CHR6	11686535	CHR6:11686535	SSF x LoA	-8,50220141	0,160	0,297
CHR6	11695237	CHR6:11695237	SSF x LoA	-10,0619757	0,109	0,309
CHR6	11695299	CHR6:11695299	SSF x LoA	-10,7657011	0,073	0,304
CHR6	11705139	CHR6:11705139	SSF x LoA	-9,62990332	0,030	0,315
CHR6	11705158	CHR6:11705158	SSF x LoA	-9,67904305	0,060	0,317
CHR6	11720514	CHR6:11720514	SSF x LoA	-12,3920021	-0,046	0,297
CHR6	11720572	CHR6:11720572	SSF x LoA	-9,01014964	-0,058	0,311
CHR6	11720577	CHR6:11720577	SSF x LoA	-9,75083845	-0,089	0,299
CHR6	11720585	CHR6:11720585	SSF x LoA	-9,5099094	0,048	0,292
CHR6	11720677	CHR6:11720677	SSF x LoA	-8,90260604	0,040	0,321
CHR6	11720729	CHR6:11720729	SSF x LoA	-9,4180462	0,023	0,308
CHR6	11729778	CHR6:11729778	SSF x LoA	-8,90095175	0,038	0,294
CHR6	11736998	CHR6:11736998	SSF x LoA	-9,31540879	-0,032	0,319
CHR6	11737019	CHR6:11737019	SSF x LoA	-8,33989382	-0,066	0,321
CHR6	11737049	CHR6:11737049	SSF x LoA	-11,2978754	-0,065	0,304
CHR6	11737081	CHR6:11737081	SSF x LoA	-6,12023184	0,094	0,295
CHR6	11737584	CHR6:11737584	SSF x LoA	-9,08621032	0,070	0,300
CHR6	11737597	CHR6:11737597	SSF x LoA	-10,2074692	0,046	0,315
CHR6	11754833	CHR6:11754833	SSF x LoA	-9,00214624	0,004	0,318
CHR6	11754871	CHR6:11754871	SSF x LoA	-7,13787409	0,158	0,290
CHR6	11754930	CHR6:11754930	SSF x LoA	-8,09294701	0,140	0,297
CHR6	11754931	CHR6:11754931	SSF x LoA	-10,3642828	0,071	0,297
CHR6	11754944	CHR6:11754944	SSF x LoA	-7,14098232	0,138	0,291
CHR6	11754959	CHR6:11754959	SSF x LoA	-8,48469976	0,097	0,303
CHR6	11756937	CHR6:11756937	SSF x LoA	-8,6128843	0,178	0,287
CHR6	11757037	CHR6:11757037	SSF x LoA	-8,92487774	0,030	0,314
CHR6	11760669	CHR6:11760669	SSF x LoA	-8,65810836	0,042	0,302
CHR6	11762305	CHR6:11762305	SSF x LoA	-12,1955749	0,061	0,305
CHR6	11763805	CHR6:11763805	SSF x LoA	-8,94209116	0,006	0,319
CHR6	11787617	CHR6:11787617	SSF x LoA	-9,32314628	0,028	0,299
CHR6	11787618	CHR6:11787618	SSF x LoA	-10,9905376	-0,065	0,301
CHR6	11787727	CHR6:11787727	SSF x LoA	-8,84397822	-0,101	0,325
CHR6	11787754	CHR6:11787754	SSF x LoA	-1,18693327	0,088	0,294

CHR6	11797571	CHR6:11797571	SSF x LoA	-8,73848046	-0,180	0,300
CHR6	11797604	CHR6:11797604	SSF x LoA	-11,8624481	0,054	0,298
CHR6	11797656	CHR6:11797656	SSF x LoA	-7,8863119	0,139	0,287
CHR6	11797661	CHR6:11797661	SSF x LoA	-9,56935997	-0,133	0,311
CHR6	11797712	CHR6:11797712	SSF x LoA	-10,8697973	-0,012	0,294
CHR6	11797734	CHR6:11797734	SSF x LoA	-10,8274609	-0,001	0,305
CHR6	11797745	CHR6:11797745	SSF x LoA	-7,77794228	0,139	0,303
CHR6	11797760	CHR6:11797760	SSF x LoA	-7,24906834	0,147	0,296
CHR6	11797771	CHR6:11797771	SSF x LoA	-7,36383264	-0,114	0,299
CHR6	118013	CHR6:118013	SSF x LoA	-10,7181517	-0,025	0,315
CHR6	118016	CHR6:118016	SSF x LoA	-5,56737347	0,061	0,300
CHR6	11802914	CHR6:11802914	SSF x LoA	-9,25566524	-0,008	0,292
CHR6	11802931	CHR6:11802931	SSF x LoA	-10,2726107	-0,117	0,300
CHR6	11802934	CHR6:11802934	SSF x LoA	-2,7274846	-0,065	0,305
CHR6	118038	CHR6:118038	SSF x LoA	-8,78027512	-0,002	0,303
CHR6	11812448	CHR6:11812448	SSF x LoA	-9,022911	0,080	0,308
CHR6	11812494	CHR6:11812494	SSF x LoA	-10,2532014	-0,109	0,291
CHR6	11812508	CHR6:11812508	SSF x LoA	-11,8517806	-0,021	0,297
CHR6	11819972	CHR6:11819972	SSF x LoA	-4,87782597	0,200	0,290
CHR6	11819997	CHR6:11819997	SSF x LoA	-9,6825647	0,018	0,289
CHR6	11827517	CHR6:11827517	SSF x LoA	-11,2300067	-0,066	0,310
CHR6	11831061	CHR6:11831061	SSF x LoA	-9,74658645	0,012	0,300
CHR6	11831087	CHR6:11831087	SSF x LoA	-9,54105078	0,124	0,305
CHR6	11831101	CHR6:11831101	SSF x LoA	-8,68730081	0,136	0,306
CHR6	11833242	CHR6:11833242	SSF x LoA	-5,72930685	0,211	0,300
CHR6	11833261	CHR6:11833261	SSF x LoA	-9,27914199	-0,149	0,302
CHR6	11833288	CHR6:11833288	SSF x LoA	-7,48694715	-0,140	0,304
CHR6	11833309	CHR6:11833309	SSF x LoA	-9,77378112	0,029	0,308
CHR6	11833325	CHR6:11833325	SSF x LoA	-11,4379103	0,065	0,287
CHR6	11833377	CHR6:11833377	SSF x LoA	1,96719056	0,193	0,297
CHR6	11833393	CHR6:11833393	SSF x LoA	-6,30536921	-0,002	0,326
CHR6	11833427	CHR6:11833427	SSF x LoA	-9,05677255	-0,123	0,314
CHR6	11833443	CHR6:11833443	SSF x LoA	-8,15506211	-0,082	0,311
CHR6	11833462	CHR6:11833462	SSF x LoA	-8,30163561	-0,112	0,301
CHR6	11833465	CHR6:11833465	SSF x LoA	-3,19491286	0,232	0,289
CHR6	11838309	CHR6:11838309	SSF x LoA	-9,80979803	0,035	0,307
CHR6	11840730	CHR6:11840730	SSF x LoA	-9,24145478	0,010	0,312
CHR6	11849386	CHR6:11849386	SSF x LoA	-8,16654172	-0,153	0,295
CHR6	11849395	CHR6:11849395	SSF x LoA	-3,50566478	-0,158	0,313
CHR6	11849397	CHR6:11849397	SSF x LoA	-7,37019459	-0,143	0,299
CHR6	11853879	CHR6:11853879	SSF x LoA	-10,0302976	-0,024	0,325
CHR6	11853922	CHR6:11853922	SSF x LoA	-9,3502138	-0,049	0,313
CHR6	11854053	CHR6:11854053	SSF x LoA	-10,6012676	-0,085	0,309
CHR6	11859296	CHR6:11859296	SSF x LoA	-8,39150577	-0,005	0,328
CHR6	11859297	CHR6:11859297	SSF x LoA	-7,87913984	0,121	0,299
CHR6	11859314	CHR6:11859314	SSF x LoA	-6,65030074	-0,144	0,303
CHR6	11859329	CHR6:11859329	SSF x LoA	-8,46906252	0,010	0,316
CHR6	11859379	CHR6:11859379	SSF x LoA	-6,35516953	-0,146	0,317
CHR6	11860093	CHR6:11860093	SSF x LoA	-7,90917268	0,087	0,310
CHR6	11862703	CHR6:11862703	SSF x LoA	-8,76927444	0,062	0,306
CHR6	11862744	CHR6:11862744	SSF x LoA	-8,86201501	0,080	0,312
CHR6	11862771	CHR6:11862771	SSF x LoA	-5,53840147	0,117	0,310
CHR6	11867851	CHR6:11867851	SSF x LoA	-9,17815963	-0,164	0,304

CHR6	11870743	CHR6:11870743	SSF x LoA	-7,67158074	0,092	0,297
CHR6	11870820	CHR6:11870820	SSF x LoA	-10,6107073	0,091	0,299
CHR6	11870849	CHR6:11870849	SSF x LoA	-8,93970204	0,123	0,304
CHR6	11892501	CHR6:11892501	SSF x LoA	-7,80743835	0,086	0,319
CHR6	11892572	CHR6:11892572	SSF x LoA	-8,35069779	0,100	0,305
CHR6	11896592	CHR6:11896592	SSF x LoA	-7,78723015	0,058	0,320
CHR6	11896637	CHR6:11896637	SSF x LoA	-7,03686136	0,141	0,294
CHR6	11896643	CHR6:11896643	SSF x LoA	-10,5666056	-0,036	0,312
CHR6	11898194	CHR6:11898194	SSF x LoA	-11,4392371	-0,030	0,307
CHR6	11898203	CHR6:11898203	SSF x LoA	-11,6165942	0,061	0,301
CHR6	11898211	CHR6:11898211	SSF x LoA	-11,8504405	0,067	0,303
CHR6	11900443	CHR6:11900443	SSF x LoA	-9,68709002	0,013	0,307
CHR6	11900447	CHR6:11900447	SSF x LoA	-9,79364952	-0,012	0,305
CHR6	11900469	CHR6:11900469	SSF x LoA	-8,21283085	0,020	0,313
CHR6	11912401	CHR6:11912401	SSF x LoA	-8,79618481	0,005	0,315
CHR6	11912402	CHR6:11912402	SSF x LoA	-8,00254013	0,036	0,318
CHR6	11912418	CHR6:11912418	SSF x LoA	-9,57757358	0,047	0,303
CHR6	11912489	CHR6:11912489	SSF x LoA	-10,0968095	-0,008	0,298
CHR6	11912549	CHR6:11912549	SSF x LoA	-8,62758245	-0,033	0,300
CHR6	11929940	CHR6:11929940	SSF x LoA	-8,41612972	0,136	0,300
CHR6	11929951	CHR6:11929951	SSF x LoA	-8,07448514	0,143	0,304
CHR6	11929959	CHR6:11929959	SSF x LoA	-8,38710005	0,131	0,305
CHR6	11929997	CHR6:11929997	SSF x LoA	-10,4369027	0,092	0,310
CHR6	11932088	CHR6:11932088	SSF x LoA	-8,77352648	-0,105	0,313
CHR6	11934419	CHR6:11934419	SSF x LoA	-9,36853585	-0,044	0,318
CHR6	11934429	CHR6:11934429	SSF x LoA	-8,55275443	-0,068	0,313
CHR6	11934455	CHR6:11934455	SSF x LoA	-8,23838321	0,067	0,330
CHR6	11934484	CHR6:11934484	SSF x LoA	-10,3695926	-0,076	0,303
CHR6	11934490	CHR6:11934490	SSF x LoA	-10,2047799	0,010	0,308
CHR6	11934493	CHR6:11934493	SSF x LoA	-8,18530688	0,083	0,316
CHR6	11934501	CHR6:11934501	SSF x LoA	-10,4616934	0,094	0,293
CHR6	11934505	CHR6:11934505	SSF x LoA	-9,22088518	0,098	0,303
CHR6	11934523	CHR6:11934523	SSF x LoA	-7,96106335	-0,014	0,313
CHR6	11934547	CHR6:11934547	SSF x LoA	-8,19149418	0,059	0,320
CHR6	11934555	CHR6:11934555	SSF x LoA	-7,92095379	-0,077	0,307
CHR6	11934563	CHR6:11934563	SSF x LoA	-9,50177588	0,018	0,313
CHR6	11934566	CHR6:11934566	SSF x LoA	-9,38237369	0,097	0,313
CHR6	11934627	CHR6:11934627	SSF x LoA	-11,4776509	0,005	0,310
CHR6	11938004	CHR6:11938004	SSF x LoA	-10,2681385	0,025	0,302
CHR6	11938028	CHR6:11938028	SSF x LoA	-7,09623283	-0,033	0,300
CHR6	11938114	CHR6:11938114	SSF x LoA	-11,5652701	-0,104	0,297
CHR6	11944991	CHR6:11944991	SSF x LoA	-7,74487101	0,074	0,307
CHR6	11945069	CHR6:11945069	SSF x LoA	-9,30934055	0,028	0,312
CHR6	11945089	CHR6:11945089	SSF x LoA	-5,26615434	0,061	0,311
CHR6	11950248	CHR6:11950248	SSF x LoA	-11,7755629	0,009	0,316
CHR6	11950269	CHR6:11950269	SSF x LoA	-2,36855632	0,017	0,305
CHR6	11950273	CHR6:11950273	SSF x LoA	-6,72986044	0,015	0,307
CHR6	11950322	CHR6:11950322	SSF x LoA	-8,50645945	0,135	0,303
CHR6	11950364	CHR6:11950364	SSF x LoA	-10,5341827	0,014	0,321
CHR6	11950382	CHR6:11950382	SSF x LoA	-10,5971851	0,077	0,309
CHR6	11950399	CHR6:11950399	SSF x LoA	-10,8113257	0,044	0,307
CHR6	11950441	CHR6:11950441	SSF x LoA	-8,87095796	0,018	0,315
CHR6	11950442	CHR6:11950442	SSF x LoA	-8,46872803	0,021	0,300

CHR6	11950443	CHR6:11950443	SSF x LoA	-7,81902563	-0,004	0,310
CHR6	11957446	CHR6:11957446	SSF x LoA	-11,2287162	0,022	0,315
CHR6	11957483	CHR6:11957483	SSF x LoA	-8,43800547	0,037	0,305
CHR6	11957484	CHR6:11957484	SSF x LoA	-10,9732323	0,019	0,297
CHR6	11957517	CHR6:11957517	SSF x LoA	-9,3625789	0,016	0,303
CHR6	11957541	CHR6:11957541	SSF x LoA	-7,36705783	-0,160	0,294
CHR6	11957597	CHR6:11957597	SSF x LoA	-3,73711904	-0,099	0,302
CHR6	11957605	CHR6:11957605	SSF x LoA	-8,99231648	0,040	0,310
CHR6	11957608	CHR6:11957608	SSF x LoA	-6,39382995	-0,080	0,296
CHR6	11957614	CHR6:11957614	SSF x LoA	-5,9805274	-0,093	0,287
CHR6	11957629	CHR6:11957629	SSF x LoA	-9,87605062	-0,094	0,303
CHR6	11957638	CHR6:11957638	SSF x LoA	-8,108518	0,066	0,286
CHR6	11957640	CHR6:11957640	SSF x LoA	-5,0158933	0,125	0,294
CHR6	11960306	CHR6:11960306	SSF x LoA	-4,59204364	0,130	0,318
CHR6	11960323	CHR6:11960323	SSF x LoA	-9,23126511	-0,064	0,300
CHR6	11960328	CHR6:11960328	SSF x LoA	-8,2243	0,100	0,315
CHR6	11989746	CHR6:11989746	SSF x LoA	-7,78348362	-0,187	0,307
CHR6	11995018	CHR6:11995018	SSF x LoA	-8,83031165	-0,015	0,317
CHR6	11995113	CHR6:11995113	SSF x LoA	-11,9957195	-0,007	0,302
CHR6	11995144	CHR6:11995144	SSF x LoA	-7,28964803	-0,063	0,297
CHR6	12011778	CHR6:12011778	SSF x LoA	-7,57722204	0,096	0,311
CHR6	12011920	CHR6:12011920	SSF x LoA	-9,87096189	-0,071	0,308
CHR6	12014188	CHR6:12014188	SSF x LoA	-8,64140404	0,030	0,316
CHR6	12020526	CHR6:12020526	SSF x LoA	-11,1440974	0,020	0,308
CHR6	12024230	CHR6:12024230	SSF x LoA	-11,4590638	0,016	0,310
CHR6	12041362	CHR6:12041362	SSF x LoA	-9,04025834	-0,064	0,314
CHR6	12046948	CHR6:12046948	SSF x LoA	-6,55091446	-0,166	0,302
CHR6	12047036	CHR6:12047036	SSF x LoA	-8,63870223	0,046	0,297
CHR6	12047044	CHR6:12047044	SSF x LoA	-9,16957688	0,030	0,301
CHR6	12048194	CHR6:12048194	SSF x LoA	-8,54062558	0,014	0,316
CHR6	12050774	CHR6:12050774	SSF x LoA	-9,28812914	0,050	0,291
CHR6	12050781	CHR6:12050781	SSF x LoA	-7,84678789	-0,133	0,308
CHR6	12050934	CHR6:12050934	SSF x LoA	-9,63117671	-0,076	0,304
CHR6	12050969	CHR6:12050969	SSF x LoA	-9,44580067	0,143	0,298
CHR6	12058539	CHR6:12058539	SSF x LoA	-11,9240632	-0,012	0,309
CHR6	12058577	CHR6:12058577	SSF x LoA	-7,76914773	-0,030	0,310
CHR6	12067376	CHR6:12067376	SSF x LoA	-8,48558258	-0,124	0,307
CHR6	12067439	CHR6:12067439	SSF x LoA	-10,1329337	-0,149	0,302
CHR6	12070914	CHR6:12070914	SSF x LoA	-5,56193172	-0,102	0,313
CHR6	12071081	CHR6:12071081	SSF x LoA	-8,91616813	0,063	0,314
CHR6	12071106	CHR6:12071106	SSF x LoA	-11,4007862	-0,009	0,307
CHR6	12071126	CHR6:12071126	SSF x LoA	-6,06975087	0,052	0,309
CHR6	12071164	CHR6:12071164	SSF x LoA	-10,7868118	-0,027	0,307
CHR6	12072745	CHR6:12072745	SSF x LoA	-0,07552788	-0,219	0,283
CHR6	12072762	CHR6:12072762	SSF x LoA	-2,04790596	0,130	0,315
CHR6	12072860	CHR6:12072860	SSF x LoA	-7,57106962	0,002	0,312
CHR6	12072911	CHR6:12072911	SSF x LoA	-9,88586402	-0,006	0,310
CHR6	12075159	CHR6:12075159	SSF x LoA	-9,73450199	-0,005	0,315
CHR6	12075160	CHR6:12075160	SSF x LoA	-11,2352785	0,012	0,319
CHR6	12075223	CHR6:12075223	SSF x LoA	-9,22743455	0,014	0,305
CHR6	12075355	CHR6:12075355	SSF x LoA	-10,142243	0,142	0,295
CHR6	12075371	CHR6:12075371	SSF x LoA	-9,16207162	0,069	0,297
CHR6	12075372	CHR6:12075372	SSF x LoA	-7,65608904	-0,031	0,305

CHR6	12087546	CHR6:12087546	SSF x LoA	-10,5213929	0,092	0,310
CHR6	12090344	CHR6:12090344	SSF x LoA	-8,94872213	0,069	0,299
CHR6	12090404	CHR6:12090404	SSF x LoA	-0,12320917	-0,166	0,292
CHR6	12095671	CHR6:12095671	SSF x LoA	-9,74614345	-0,051	0,295
CHR6	12095691	CHR6:12095691	SSF x LoA	-11,1899044	0,027	0,297
CHR6	12095714	CHR6:12095714	SSF x LoA	-8,80948822	0,063	0,308
CHR6	12095766	CHR6:12095766	SSF x LoA	-9,69790413	0,003	0,296
CHR6	12095798	CHR6:12095798	SSF x LoA	-9,80332435	0,083	0,291
CHR6	12095820	CHR6:12095820	SSF x LoA	-11,4531421	-0,078	0,301
CHR6	12098087	CHR6:12098087	SSF x LoA	-12,1557488	-0,022	0,308
CHR6	12101795	CHR6:12101795	SSF x LoA	-7,67132292	-0,024	0,302
CHR6	12101940	CHR6:12101940	SSF x LoA	-9,95609791	0,034	0,306
CHR6	12101955	CHR6:12101955	SSF x LoA	-10,0787356	0,051	0,300
CHR6	12101965	CHR6:12101965	SSF x LoA	9,74473419	0,148	0,308
CHR6	12102031	CHR6:12102031	SSF x LoA	-11,9779201	0,035	0,295
CHR6	12102046	CHR6:12102046	SSF x LoA	-10,6703858	0,020	0,305
CHR6	12102066	CHR6:12102066	SSF x LoA	-2,75298988	0,087	0,297
CHR6	12111783	CHR6:12111783	SSF x LoA	-10,1392801	-0,108	0,302
CHR6	12111833	CHR6:12111833	SSF x LoA	-8,21372616	-0,085	0,318
CHR6	12111895	CHR6:12111895	SSF x LoA	-10,6784665	-0,022	0,298
CHR6	12111922	CHR6:12111922	SSF x LoA	-8,87643201	-0,082	0,309
CHR6	12111954	CHR6:12111954	SSF x LoA	-8,99387075	0,085	0,304
CHR6	12113640	CHR6:12113640	SSF x LoA	-7,12568103	-0,197	0,299
CHR6	12121086	CHR6:12121086	SSF x LoA	-7,00181435	0,064	0,305
CHR6	12121102	CHR6:12121102	SSF x LoA	-8,74296407	0,075	0,305
CHR6	12121114	CHR6:12121114	SSF x LoA	-11,4403802	0,028	0,306
CHR6	12121141	CHR6:12121141	SSF x LoA	-8,96241201	0,060	0,309
CHR6	12121177	CHR6:12121177	SSF x LoA	-5,49626255	0,054	0,296
CHR6	12121180	CHR6:12121180	SSF x LoA	-8,19974393	-0,105	0,315
CHR6	12121201	CHR6:12121201	SSF x LoA	-11,2056154	0,022	0,307
CHR6	12121210	CHR6:12121210	SSF x LoA	-9,00759366	-0,073	0,300
CHR6	12121274	CHR6:12121274	SSF x LoA	-8,7676703	0,091	0,298
CHR6	12121275	CHR6:12121275	SSF x LoA	-7,09099954	0,160	0,309
CHR6	12121299	CHR6:12121299	SSF x LoA	-8,6479178	0,090	0,295
CHR6	12121350	CHR6:12121350	SSF x LoA	-9,35122382	-0,027	0,299
CHR6	12121351	CHR6:12121351	SSF x LoA	-7,38741838	-0,188	0,303
CHR6	12121371	CHR6:12121371	SSF x LoA	18,549311	0,190	0,295
CHR6	1212301	CHR6:1212301	SSF x LoA	-12,4387915	-0,058	0,285
CHR6	12124898	CHR6:12124898	SSF x LoA	-8,44517062	-0,029	0,298
CHR6	12124949	CHR6:12124949	SSF x LoA	-9,24936713	0,075	0,303
CHR6	12124951	CHR6:12124951	SSF x LoA	-11,3954153	-0,026	0,297
CHR6	12124970	CHR6:12124970	SSF x LoA	-10,246344	-0,015	0,310
CHR6	12144295	CHR6:12144295	SSF x LoA	-10,7145499	0,100	0,306
CHR6	12144389	CHR6:12144389	SSF x LoA	-9,68414067	0,058	0,313
CHR6	12144401	CHR6:12144401	SSF x LoA	-6,67454188	-0,021	0,308
CHR6	12144409	CHR6:12144409	SSF x LoA	-7,97734405	0,087	0,311
CHR6	12149921	CHR6:12149921	SSF x LoA	-11,4624367	-0,030	0,300
CHR6	12149996	CHR6:12149996	SSF x LoA	-6,24644998	-0,010	0,297
CHR6	12150001	CHR6:12150001	SSF x LoA	-0,65467127	-0,039	0,323
CHR6	12160757	CHR6:12160757	SSF x LoA	-12,234458	0,039	0,298
CHR6	12162215	CHR6:12162215	SSF x LoA	-10,128143	-0,026	0,290
CHR6	12162219	CHR6:12162219	SSF x LoA	-9,1936416	-0,118	0,300
CHR6	12162243	CHR6:12162243	SSF x LoA	-9,32275866	0,034	0,305

CHR6	12162258	CHR6:12162258	SSF x LoA	-7,35438155	0,002	0,324
CHR6	12162271	CHR6:12162271	SSF x LoA	-7,91969196	0,093	0,288
CHR6	12166576	CHR6:12166576	SSF x LoA	-9,65929731	0,011	0,314
CHR6	12170885	CHR6:12170885	SSF x LoA	-6,81543993	0,101	0,300
CHR6	12170944	CHR6:12170944	SSF x LoA	-5,40289377	0,169	0,305
CHR6	12170947	CHR6:12170947	SSF x LoA	-11,2580176	0,019	0,305
CHR6	12170976	CHR6:12170976	SSF x LoA	-9,0647946	0,177	0,305
CHR6	12184583	CHR6:12184583	SSF x LoA	-10,2033346	-0,033	0,306
CHR6	12185748	CHR6:12185748	SSF x LoA	-9,8272527	0,025	0,316
CHR6	12185772	CHR6:12185772	SSF x LoA	-9,30738104	-0,075	0,299
CHR6	12185851	CHR6:12185851	SSF x LoA	-11,0432647	0,018	0,294
CHR6	12208994	CHR6:12208994	SSF x LoA	-6,87937231	-0,081	0,314
CHR6	12208996	CHR6:12208996	SSF x LoA	-7,52007337	-0,039	0,311
CHR6	12209001	CHR6:12209001	SSF x LoA	-7,11305564	0,125	0,306
CHR6	12209007	CHR6:12209007	SSF x LoA	-9,1072027	-0,107	0,311
CHR6	12209016	CHR6:12209016	SSF x LoA	-7,80866598	-0,088	0,302
CHR6	12209023	CHR6:12209023	SSF x LoA	-9,97449452	-0,087	0,314
CHR6	12209059	CHR6:12209059	SSF x LoA	-10,0897364	-0,059	0,311
CHR6	12209075	CHR6:12209075	SSF x LoA	-8,18292402	0,111	0,313
CHR6	12209103	CHR6:12209103	SSF x LoA	-9,63837973	-0,023	0,311
CHR6	12209119	CHR6:12209119	SSF x LoA	-9,97932203	0,032	0,309
CHR6	12209121	CHR6:12209121	SSF x LoA	-12,1744997	0,002	0,307
CHR6	12209140	CHR6:12209140	SSF x LoA	-10,301546	-0,063	0,301
CHR6	12209181	CHR6:12209181	SSF x LoA	-7,25269053	0,132	0,296
CHR6	12209187	CHR6:12209187	SSF x LoA	-8,43077948	0,105	0,296
CHR6	12209195	CHR6:12209195	SSF x LoA	-10,738674	0,071	0,307
CHR6	12209219	CHR6:12209219	SSF x LoA	-9,58952332	0,003	0,299
CHR6	12209228	CHR6:12209228	SSF x LoA	-6,61343314	0,156	0,292
CHR6	12209229	CHR6:12209229	SSF x LoA	-2,8835166	0,157	0,299
CHR6	12209247	CHR6:12209247	SSF x LoA	-8,99040287	0,130	0,272
CHR6	12209256	CHR6:12209256	SSF x LoA	-8,45545413	-0,145	0,304
CHR6	12211392	CHR6:12211392	SSF x LoA	-10,8891199	-0,156	0,298
CHR6	12211501	CHR6:12211501	SSF x LoA	-8,18969675	-0,059	0,322
CHR6	12211513	CHR6:12211513	SSF x LoA	-7,93454789	-0,115	0,305
CHR6	12211527	CHR6:12211527	SSF x LoA	-11,2387249	-0,034	0,300
CHR6	12244233	CHR6:12244233	SSF x LoA	-10,4223793	0,045	0,296
CHR6	12244241	CHR6:12244241	SSF x LoA	-8,33471912	0,039	0,293
CHR6	12249006	CHR6:12249006	SSF x LoA	-10,9431434	0,057	0,301
CHR6	12255720	CHR6:12255720	SSF x LoA	14,1876557	0,129	0,292
CHR6	12264777	CHR6:12264777	SSF x LoA	-8,32695958	0,055	0,308
CHR6	12264826	CHR6:12264826	SSF x LoA	-10,3467854	0,063	0,290
CHR6	12264847	CHR6:12264847	SSF x LoA	-11,293402	0,031	0,291
CHR6	12264940	CHR6:12264940	SSF x LoA	-10,1419404	0,010	0,316
CHR6	12264985	CHR6:12264985	SSF x LoA	-10,7935518	-0,072	0,305
CHR6	12276013	CHR6:12276013	SSF x LoA	-10,2694993	0,031	0,313
CHR6	12276031	CHR6:12276031	SSF x LoA	-9,80297199	0,063	0,302
CHR6	12283131	CHR6:12283131	SSF x LoA	-6,3278557	0,012	0,305
CHR6	12283173	CHR6:12283173	SSF x LoA	-9,4646946	-0,132	0,289
CHR6	12283280	CHR6:12283280	SSF x LoA	-9,00518414	-0,016	0,307
CHR6	12283368	CHR6:12283368	SSF x LoA	-9,12450884	0,031	0,301
CHR6	12292245	CHR6:12292245	SSF x LoA	-9,93310592	-0,010	0,307
CHR6	12292246	CHR6:12292246	SSF x LoA	-8,95622174	-0,002	0,308
CHR6	12292259	CHR6:12292259	SSF x LoA	-9,47356346	0,040	0,294

CHR6	12292265	CHR6:12292265	SSF x LoA	-8,49972248	0,046	0,315
CHR6	12292282	CHR6:12292282	SSF x LoA	-7,77563678	0,044	0,313
CHR6	12292296	CHR6:12292296	SSF x LoA	-11,2065575	-0,073	0,303
CHR6	12292371	CHR6:12292371	SSF x LoA	-7,6525117	-0,071	0,306
CHR6	12303311	CHR6:12303311	SSF x LoA	-12,387104	-0,015	0,299
CHR6	12303465	CHR6:12303465	SSF x LoA	-8,13955125	0,120	0,289
CHR6	12306258	CHR6:12306258	SSF x LoA	-7,53260898	-0,099	0,304
CHR6	12306428	CHR6:12306428	SSF x LoA	-9,79450718	-0,015	0,303
CHR6	12306466	CHR6:12306466	SSF x LoA	-11,1813172	0,036	0,309
CHR6	12306484	CHR6:12306484	SSF x LoA	-9,57018329	-0,064	0,312
CHR6	12311650	CHR6:12311650	SSF x LoA	-8,87790898	-0,035	0,314
CHR6	12317034	CHR6:12317034	SSF x LoA	3,53603428	0,228	0,288
CHR6	12317054	CHR6:12317054	SSF x LoA	-4,07192851	-0,168	0,294
CHR6	12329295	CHR6:12329295	SSF x LoA	-2,66694593	-0,004	0,313
CHR6	12335773	CHR6:12335773	SSF x LoA	-6,0791699	-0,065	0,299
CHR6	12335929	CHR6:12335929	SSF x LoA	-9,66783828	0,065	0,303
CHR6	12359834	CHR6:12359834	SSF x LoA	-8,31480635	0,051	0,315
CHR6	12359870	CHR6:12359870	SSF x LoA	-10,4154345	0,080	0,300
CHR6	12383781	CHR6:12383781	SSF x LoA	-9,96286284	-0,064	0,310
CHR6	12388859	CHR6:12388859	SSF x LoA	-9,55792683	-0,085	0,312
CHR6	12388908	CHR6:12388908	SSF x LoA	-6,09227099	-0,085	0,301
CHR6	12388913	CHR6:12388913	SSF x LoA	-8,42863881	-0,082	0,307
CHR6	12388915	CHR6:12388915	SSF x LoA	-10,1896282	-0,002	0,303
CHR6	12391843	CHR6:12391843	SSF x LoA	-8,85932884	-0,121	0,309
CHR6	12397371	CHR6:12397371	SSF x LoA	-7,84801814	-0,117	0,309
CHR6	12397374	CHR6:12397374	SSF x LoA	-11,6331078	-0,032	0,301
CHR6	12400299	CHR6:12400299	SSF x LoA	-10,7361923	-0,075	0,300
CHR6	12400313	CHR6:12400313	SSF x LoA	-8,5402026	0,059	0,319
CHR6	12400319	CHR6:12400319	SSF x LoA	-8,96483944	0,126	0,308
CHR6	12401015	CHR6:12401015	SSF x LoA	-10,8487707	-0,066	0,310
CHR6	12401037	CHR6:12401037	SSF x LoA	-10,1288665	0,035	0,317
CHR6	12401039	CHR6:12401039	SSF x LoA	-10,6982563	-0,008	0,308
CHR6	12401059	CHR6:12401059	SSF x LoA	-9,9811656	-0,064	0,302
CHR6	12405816	CHR6:12405816	SSF x LoA	-9,35149775	0,113	0,296
CHR6	12405853	CHR6:12405853	SSF x LoA	-8,72305014	-0,005	0,311
CHR6	12428142	CHR6:12428142	SSF x LoA	-6,14526997	-0,001	0,303
CHR6	12428148	CHR6:12428148	SSF x LoA	-8,69378581	-0,013	0,315
CHR6	12428248	CHR6:12428248	SSF x LoA	-6,01515263	-0,143	0,303
CHR6	12428271	CHR6:12428271	SSF x LoA	-9,67062856	-0,045	0,307
CHR6	12428320	CHR6:12428320	SSF x LoA	-11,7195403	0,055	0,315
CHR6	12428332	CHR6:12428332	SSF x LoA	-9,00209752	0,038	0,311
CHR6	12428333	CHR6:12428333	SSF x LoA	-8,09025336	0,023	0,316
CHR6	12428341	CHR6:12428341	SSF x LoA	-6,08712961	0,068	0,308
CHR6	12428367	CHR6:12428367	SSF x LoA	-8,53070664	0,011	0,322
CHR6	12428368	CHR6:12428368	SSF x LoA	-11,4586797	-0,064	0,304
CHR6	12428371	CHR6:12428371	SSF x LoA	-10,7521684	0,038	0,302
CHR6	12428375	CHR6:12428375	SSF x LoA	-6,71884792	0,041	0,304
CHR6	12428383	CHR6:12428383	SSF x LoA	-8,0181067	0,018	0,319
CHR6	12429031	CHR6:12429031	SSF x LoA	-9,43264278	-0,030	0,299
CHR6	12436959	CHR6:12436959	SSF x LoA	-8,75754406	0,010	0,311
CHR6	12437121	CHR6:12437121	SSF x LoA	-9,35102753	-0,017	0,304
CHR6	12437144	CHR6:12437144	SSF x LoA	-10,2588902	0,026	0,308
CHR6	12437150	CHR6:12437150	SSF x LoA	-10,0618626	0,053	0,307

CHR6	12437151	CHR6:12437151	SSF x LoA	-9,92634659	0,034	0,316
CHR6	12437160	CHR6:12437160	SSF x LoA	-5,55945329	-0,078	0,303
CHR6	12437161	CHR6:12437161	SSF x LoA	-5,70595992	-0,040	0,312
CHR6	12437189	CHR6:12437189	SSF x LoA	-10,673416	0,031	0,309
CHR6	12437221	CHR6:12437221	SSF x LoA	-2,52549945	-0,071	0,304
CHR6	12463071	CHR6:12463071	SSF x LoA	-7,24441675	-0,028	0,311
CHR6	12463084	CHR6:12463084	SSF x LoA	-8,1691465	-0,006	0,293
CHR6	1246842	CHR6:1246842	SSF x LoA	-10,5690006	0,016	0,319
CHR6	12472387	CHR6:12472387	SSF x LoA	-11,470113	-0,084	0,298
CHR6	12472469	CHR6:12472469	SSF x LoA	-10,4231627	-0,040	0,317
CHR6	12475071	CHR6:12475071	SSF x LoA	-11,7267221	-0,001	0,306
CHR6	12475178	CHR6:12475178	SSF x LoA	-10,1206934	0,008	0,299
CHR6	12475200	CHR6:12475200	SSF x LoA	-7,69694672	-0,086	0,310
CHR6	12479544	CHR6:12479544	SSF x LoA	-11,9538832	0,099	0,297
CHR6	12479564	CHR6:12479564	SSF x LoA	-11,2473265	0,015	0,320
CHR6	12479598	CHR6:12479598	SSF x LoA	-8,26338227	0,093	0,315
CHR6	12479799	CHR6:12479799	SSF x LoA	-10,3833303	0,091	0,311
CHR6	12494936	CHR6:12494936	SSF x LoA	-10,5025447	0,005	0,304
CHR6	12495029	CHR6:12495029	SSF x LoA	-8,54440066	0,017	0,308
CHR6	12495142	CHR6:12495142	SSF x LoA	-9,74056163	0,171	0,306
CHR6	12496670	CHR6:12496670	SSF x LoA	-11,4648359	0,025	0,305
CHR6	12496679	CHR6:12496679	SSF x LoA	-11,4130992	0,064	0,312
CHR6	12496811	CHR6:12496811	SSF x LoA	-9,41651041	-0,133	0,289
CHR6	12496846	CHR6:12496846	SSF x LoA	-8,03909906	-0,047	0,303
CHR6	12496881	CHR6:12496881	SSF x LoA	-8,90305206	-0,014	0,306
CHR6	12496884	CHR6:12496884	SSF x LoA	-11,1615825	0,089	0,313
CHR6	12498511	CHR6:12498511	SSF x LoA	-10,8153289	0,008	0,308
CHR6	12499028	CHR6:12499028	SSF x LoA	-10,0771805	0,021	0,314
CHR6	12500334	CHR6:12500334	SSF x LoA	-10,5831579	0,072	0,306
CHR6	12500344	CHR6:12500344	SSF x LoA	-9,43369694	-0,105	0,298
CHR6	12500360	CHR6:12500360	SSF x LoA	-9,09432108	-0,003	0,311
CHR6	12500386	CHR6:12500386	SSF x LoA	-10,8963481	-0,062	0,306
CHR6	12500393	CHR6:12500393	SSF x LoA	-8,4826627	0,123	0,309
CHR6	12500398	CHR6:12500398	SSF x LoA	-9,25401845	0,151	0,310
CHR6	12500436	CHR6:12500436	SSF x LoA	-10,1657712	-0,053	0,301
CHR6	12500453	CHR6:12500453	SSF x LoA	-9,40012196	-0,013	0,302
CHR6	12500460	CHR6:12500460	SSF x LoA	-5,12442129	0,130	0,309
CHR6	12500535	CHR6:12500535	SSF x LoA	-9,24561574	0,058	0,296
CHR6	12500589	CHR6:12500589	SSF x LoA	-8,03706431	0,176	0,297
CHR6	12506568	CHR6:12506568	SSF x LoA	-8,01111307	0,002	0,315
CHR6	12506653	CHR6:12506653	SSF x LoA	-10,2608575	0,009	0,295
CHR6	12506662	CHR6:12506662	SSF x LoA	-10,5295403	-0,107	0,304
CHR6	12506664	CHR6:12506664	SSF x LoA	-6,85030894	-0,003	0,310
CHR6	12506678	CHR6:12506678	SSF x LoA	-6,30419983	0,063	0,309
CHR6	12506734	CHR6:12506734	SSF x LoA	-8,43110847	-0,038	0,303
CHR6	12506737	CHR6:12506737	SSF x LoA	-8,0329746	0,051	0,313
CHR6	12506767	CHR6:12506767	SSF x LoA	-9,66403094	0,086	0,294
CHR6	12506791	CHR6:12506791	SSF x LoA	-10,3850632	0,003	0,295
CHR6	12506817	CHR6:12506817	SSF x LoA	-8,65180738	0,021	0,301
CHR6	12506848	CHR6:12506848	SSF x LoA	-8,01617803	0,027	0,312
CHR6	12506852	CHR6:12506852	SSF x LoA	-11,3680072	0,037	0,295
CHR6	12528122	CHR6:12528122	SSF x LoA	-9,91682521	-0,029	0,289
CHR6	12528258	CHR6:12528258	SSF x LoA	-8,35745411	0,078	0,297

CHR6	12532289	CHR6:12532289	SSF x LoA	-9,12204625	-0,135	0,304
CHR6	12558277	CHR6:12558277	SSF x LoA	-9,82577842	0,069	0,314
CHR6	12558482	CHR6:12558482	SSF x LoA	-9,34672564	-0,038	0,319
CHR6	12562535	CHR6:12562535	SSF x LoA	-4,10200977	0,026	0,312
CHR6	12562560	CHR6:12562560	SSF x LoA	-9,79816291	0,029	0,321
CHR6	12562574	CHR6:12562574	SSF x LoA	-9,63223146	0,057	0,314
CHR6	12568299	CHR6:12568299	SSF x LoA	-9,64361119	0,000	0,307
CHR6	12568361	CHR6:12568361	SSF x LoA	-10,6393308	0,015	0,316
CHR6	12568376	CHR6:12568376	SSF x LoA	-9,37363814	0,083	0,297
CHR6	12568383	CHR6:12568383	SSF x LoA	-10,3927269	-0,012	0,328
CHR6	12568388	CHR6:12568388	SSF x LoA	-10,3712704	0,016	0,315
CHR6	12568394	CHR6:12568394	SSF x LoA	-10,0604467	0,000	0,311
CHR6	12568402	CHR6:12568402	SSF x LoA	-10,9228025	0,122	0,300
CHR6	12568403	CHR6:12568403	SSF x LoA	-9,12920714	0,163	0,300
CHR6	12571294	CHR6:12571294	SSF x LoA	-9,61427958	-0,041	0,309
CHR6	12571359	CHR6:12571359	SSF x LoA	-9,11667085	-0,178	0,283
CHR6	12571363	CHR6:12571363	SSF x LoA	-9,96599567	-0,068	0,314
CHR6	12571364	CHR6:12571364	SSF x LoA	-10,0044952	0,010	0,306
CHR6	12571414	CHR6:12571414	SSF x LoA	-7,35460409	-0,109	0,312
CHR6	12574102	CHR6:12574102	SSF x LoA	-9,08930947	0,033	0,316
CHR6	12574222	CHR6:12574222	SSF x LoA	-9,79315685	-0,075	0,318
CHR6	12574330	CHR6:12574330	SSF x LoA	-10,4317541	0,062	0,311
CHR6	12582110	CHR6:12582110	SSF x LoA	-9,95149668	-0,108	0,297
CHR6	12582143	CHR6:12582143	SSF x LoA	-10,9036985	0,034	0,308
CHR6	12582146	CHR6:12582146	SSF x LoA	-9,989584	0,012	0,304
CHR6	12582160	CHR6:12582160	SSF x LoA	-10,798621	0,055	0,314
CHR6	12582236	CHR6:12582236	SSF x LoA	-6,61541739	-0,083	0,305
CHR6	12582296	CHR6:12582296	SSF x LoA	-10,6109478	-0,024	0,303
CHR6	12582321	CHR6:12582321	SSF x LoA	1,92241602	-0,040	0,317
CHR6	12590533	CHR6:12590533	SSF x LoA	-9,06871515	-0,011	0,302
CHR6	12590572	CHR6:12590572	SSF x LoA	-10,9314228	0,095	0,304
CHR6	12590617	CHR6:12590617	SSF x LoA	-7,67726187	0,056	0,315
CHR6	12590705	CHR6:12590705	SSF x LoA	-10,8910705	0,018	0,299
CHR6	12599160	CHR6:12599160	SSF x LoA	-8,02062246	0,039	0,323
CHR6	12599298	CHR6:12599298	SSF x LoA	-7,35232174	0,011	0,302
CHR6	12599321	CHR6:12599321	SSF x LoA	-8,39000246	0,041	0,295
CHR6	12599359	CHR6:12599359	SSF x LoA	-11,4255309	0,025	0,310
CHR6	12599393	CHR6:12599393	SSF x LoA	-8,81272629	-0,047	0,313
CHR6	12599405	CHR6:12599405	SSF x LoA	-10,0862261	0,109	0,297
CHR6	12603007	CHR6:12603007	SSF x LoA	-12,4106734	0,027	0,306
CHR6	12603012	CHR6:12603012	SSF x LoA	-9,93983026	0,010	0,313
CHR6	12623804	CHR6:12623804	SSF x LoA	-6,81369991	0,134	0,322
CHR6	12623852	CHR6:12623852	SSF x LoA	-5,97671277	-0,221	0,302
CHR6	12623858	CHR6:12623858	SSF x LoA	-6,9471496	-0,221	0,290
CHR6	12623872	CHR6:12623872	SSF x LoA	-7,20217203	-0,226	0,299
CHR6	12623883	CHR6:12623883	SSF x LoA	-7,13282845	0,068	0,301
CHR6	12623887	CHR6:12623887	SSF x LoA	-1,84176652	-0,217	0,305
CHR6	12624589	CHR6:12624589	SSF x LoA	-9,01158379	-0,048	0,303
CHR6	12624599	CHR6:12624599	SSF x LoA	-7,92142559	-0,032	0,312
CHR6	12624600	CHR6:12624600	SSF x LoA	-7,11099823	0,047	0,311
CHR6	1263477	CHR6:1263477	SSF x LoA	-6,79607908	-0,108	0,309
CHR6	12661748	CHR6:12661748	SSF x LoA	-9,01320332	-0,068	0,309
CHR6	12670310	CHR6:12670310	SSF x LoA	-7,21725692	-0,010	0,303

CHR6	12670345	CHR6:12670345	SSF x LoA	-8,28542335	-0,031	0,294
CHR6	12679155	CHR6:12679155	SSF x LoA	-8,88365223	-0,033	0,312
CHR6	12679204	CHR6:12679204	SSF x LoA	-9,34239358	0,035	0,303
CHR6	12680594	CHR6:12680594	SSF x LoA	-10,7384814	0,018	0,312
CHR6	12682108	CHR6:12682108	SSF x LoA	-9,43571679	0,132	0,301
CHR6	12682129	CHR6:12682129	SSF x LoA	-10,5263705	-0,004	0,320
CHR6	12682151	CHR6:12682151	SSF x LoA	-11,4208235	-0,048	0,298
CHR6	12682166	CHR6:12682166	SSF x LoA	-10,4306255	0,009	0,311
CHR6	12682181	CHR6:12682181	SSF x LoA	-10,0156541	0,027	0,301
CHR6	12682222	CHR6:12682222	SSF x LoA	-10,5813222	-0,026	0,285
CHR6	12682242	CHR6:12682242	SSF x LoA	-6,66524706	0,075	0,316
CHR6	12682305	CHR6:12682305	SSF x LoA	-11,3637075	-0,027	0,291
CHR6	12689492	CHR6:12689492	SSF x LoA	-4,68806259	0,157	0,306
CHR6	12696354	CHR6:12696354	SSF x LoA	-9,45740588	0,004	0,293
CHR6	12696386	CHR6:12696386	SSF x LoA	-10,8230914	-0,024	0,295
CHR6	12696411	CHR6:12696411	SSF x LoA	-7,3044645	-0,013	0,303
CHR6	12696421	CHR6:12696421	SSF x LoA	-8,96653436	0,039	0,310
CHR6	12696427	CHR6:12696427	SSF x LoA	-7,73418628	0,004	0,305
CHR6	1269762	CHR6:1269762	SSF x LoA	-9,58324791	0,041	0,303
CHR6	12704151	CHR6:12704151	SSF x LoA	-11,9179442	0,000	0,312
CHR6	12704162	CHR6:12704162	SSF x LoA	-8,84990971	0,038	0,296
CHR6	12704209	CHR6:12704209	SSF x LoA	-7,83489768	0,017	0,316
CHR6	12704239	CHR6:12704239	SSF x LoA	-9,56988601	-0,027	0,299
CHR6	12704358	CHR6:12704358	SSF x LoA	-7,93849356	-0,099	0,307
CHR6	12704384	CHR6:12704384	SSF x LoA	-5,61914767	0,128	0,301
CHR6	12709887	CHR6:12709887	SSF x LoA	-9,2448153	-0,029	0,298
CHR6	12709931	CHR6:12709931	SSF x LoA	-1,72407704	-0,005	0,313
CHR6	12709947	CHR6:12709947	SSF x LoA	-8,63297178	0,040	0,313
CHR6	12710033	CHR6:12710033	SSF x LoA	-10,9239979	0,035	0,308
CHR6	12710052	CHR6:12710052	SSF x LoA	-8,66181628	0,008	0,308
CHR6	1274110	CHR6:1274110	SSF x LoA	-10,1284852	-0,023	0,318
CHR6	12741875	CHR6:12741875	SSF x LoA	1,52210534	0,243	0,279
CHR6	12741896	CHR6:12741896	SSF x LoA	-7,05204811	0,214	0,284
CHR6	12741954	CHR6:12741954	SSF x LoA	-9,79394701	-0,116	0,284
CHR6	12741955	CHR6:12741955	SSF x LoA	-7,44486166	-0,130	0,305
CHR6	12750361	CHR6:12750361	SSF x LoA	-7,02774107	0,007	0,305
CHR6	12765621	CHR6:12765621	SSF x LoA	-7,88345595	0,087	0,304
CHR6	12765754	CHR6:12765754	SSF x LoA	-9,40184205	-0,087	0,301
CHR6	12765817	CHR6:12765817	SSF x LoA	-9,64428446	0,049	0,305
CHR6	12768758	CHR6:12768758	SSF x LoA	-9,86984399	-0,063	0,294
CHR6	12768943	CHR6:12768943	SSF x LoA	-10,5193604	-0,072	0,302
CHR6	12769011	CHR6:12769011	SSF x LoA	-8,88145139	-0,027	0,307
CHR6	12776208	CHR6:12776208	SSF x LoA	-8,49356898	-0,017	0,306
CHR6	12776214	CHR6:12776214	SSF x LoA	-8,50656519	-0,006	0,316
CHR6	12776254	CHR6:12776254	SSF x LoA	-9,6297021	-0,009	0,311
CHR6	12778696	CHR6:12778696	SSF x LoA	-9,31875476	-0,039	0,303
CHR6	12783381	CHR6:12783381	SSF x LoA	-6,65551256	-0,168	0,301
CHR6	12785453	CHR6:12785453	SSF x LoA	-8,54842491	0,027	0,304
CHR6	12785472	CHR6:12785472	SSF x LoA	-8,98407164	0,080	0,308
CHR6	12785506	CHR6:12785506	SSF x LoA	-9,03592248	-0,004	0,308
CHR6	12785518	CHR6:12785518	SSF x LoA	-9,13889044	0,017	0,311
CHR6	12786065	CHR6:12786065	SSF x LoA	-10,1388079	-0,024	0,301
CHR6	12795782	CHR6:12795782	SSF x LoA	-9,079916	0,044	0,311

CHR6	12795799	CHR6:12795799	SSF x LoA	-9,17461354	-0,062	0,308
CHR6	12795813	CHR6:12795813	SSF x LoA	-9,69959621	-0,004	0,304
CHR6	12795821	CHR6:12795821	SSF x LoA	-12,0861016	-0,027	0,291
CHR6	12795842	CHR6:12795842	SSF x LoA	-7,77796913	-0,129	0,301
CHR6	12795843	CHR6:12795843	SSF x LoA	-6,91545763	0,162	0,293
CHR6	12797398	CHR6:12797398	SSF x LoA	-10,0317539	-0,119	0,294
CHR6	12798599	CHR6:12798599	SSF x LoA	-7,87748834	-0,129	0,311
CHR6	12798600	CHR6:12798600	SSF x LoA	-8,00806384	0,095	0,309
CHR6	12798607	CHR6:12798607	SSF x LoA	-7,39850796	0,171	0,290
CHR6	12804365	CHR6:12804365	SSF x LoA	-8,52617299	0,040	0,311
CHR6	12804383	CHR6:12804383	SSF x LoA	-8,79238755	-0,083	0,304
CHR6	12804415	CHR6:12804415	SSF x LoA	-7,03252984	0,189	0,300
CHR6	12807940	CHR6:12807940	SSF x LoA	-10,2114305	0,032	0,307
CHR6	12807953	CHR6:12807953	SSF x LoA	-9,85728372	-0,011	0,311
CHR6	12807955	CHR6:12807955	SSF x LoA	-9,09830424	0,010	0,315
CHR6	12813031	CHR6:12813031	SSF x LoA	-9,16594103	0,013	0,316
CHR6	12826525	CHR6:12826525	SSF x LoA	-9,27302186	-0,089	0,310
CHR6	12826576	CHR6:12826576	SSF x LoA	-8,60397398	-0,029	0,308
CHR6	12826579	CHR6:12826579	SSF x LoA	-10,2033643	-0,079	0,315
CHR6	12826584	CHR6:12826584	SSF x LoA	-9,92039149	-0,027	0,310
CHR6	12831284	CHR6:12831284	SSF x LoA	-10,2645377	-0,010	0,307
CHR6	12831375	CHR6:12831375	SSF x LoA	-8,96476694	-0,021	0,316
CHR6	12834348	CHR6:12834348	SSF x LoA	-9,09136656	-0,067	0,304
CHR6	12834388	CHR6:12834388	SSF x LoA	-8,55310399	-0,047	0,314
CHR6	12834439	CHR6:12834439	SSF x LoA	-9,70037821	0,000	0,313
CHR6	12834443	CHR6:12834443	SSF x LoA	-9,07861787	0,018	0,306
CHR6	12834455	CHR6:12834455	SSF x LoA	-8,85732406	-0,042	0,294
CHR6	12835220	CHR6:12835220	SSF x LoA	-11,3023249	0,044	0,309
CHR6	1283849	CHR6:1283849	SSF x LoA	-11,1819978	-0,005	0,311
CHR6	12851632	CHR6:12851632	SSF x LoA	-0,80469338	0,099	0,299
CHR6	12851690	CHR6:12851690	SSF x LoA	-8,18827431	-0,029	0,310
CHR6	12858019	CHR6:12858019	SSF x LoA	-9,77295901	0,039	0,315
CHR6	12858072	CHR6:12858072	SSF x LoA	-7,16319567	-0,153	0,299
CHR6	12858083	CHR6:12858083	SSF x LoA	-10,0888989	0,007	0,312
CHR6	12858110	CHR6:12858110	SSF x LoA	-9,35060622	0,023	0,304
CHR6	12858115	CHR6:12858115	SSF x LoA	-8,47198593	0,133	0,294
CHR6	12858138	CHR6:12858138	SSF x LoA	-5,29859282	-0,151	0,308
CHR6	12861470	CHR6:12861470	SSF x LoA	-6,92102713	-0,172	0,299
CHR6	12861499	CHR6:12861499	SSF x LoA	-6,46318943	0,100	0,303
CHR6	12861520	CHR6:12861520	SSF x LoA	-9,16783867	-0,004	0,315
CHR6	12861542	CHR6:12861542	SSF x LoA	-2,85846909	0,170	0,289
CHR6	12875366	CHR6:12875366	SSF x LoA	-10,3919514	-0,074	0,302
CHR6	12875412	CHR6:12875412	SSF x LoA	-9,29073033	0,056	0,311
CHR6	12875427	CHR6:12875427	SSF x LoA	-4,43350749	-0,223	0,294
CHR6	12875443	CHR6:12875443	SSF x LoA	-5,53874771	-0,263	0,274
CHR6	12875457	CHR6:12875457	SSF x LoA	-8,44588901	0,142	0,312
CHR6	12880081	CHR6:12880081	SSF x LoA	-10,9043585	-0,081	0,299
CHR6	12880131	CHR6:12880131	SSF x LoA	-9,4726327	-0,096	0,311
CHR6	12880155	CHR6:12880155	SSF x LoA	-9,79742989	-0,012	0,307
CHR6	12880168	CHR6:12880168	SSF x LoA	-10,1076494	-0,007	0,300
CHR6	12880194	CHR6:12880194	SSF x LoA	-10,2853516	0,007	0,294
CHR6	12880220	CHR6:12880220	SSF x LoA	-9,38622618	-0,025	0,305
CHR6	1288092	CHR6:1288092	SSF x LoA	-10,8126294	-0,035	0,306

CHR6	1288155	CHR6:1288155	SSF x LoA	-9,77633552	0,006	0,304
CHR6	12887401	CHR6:12887401	SSF x LoA	-8,4980796	-0,046	0,309
CHR6	12891258	CHR6:12891258	SSF x LoA	-10,239749	0,041	0,316
CHR6	12900098	CHR6:12900098	SSF x LoA	-6,27584785	-0,068	0,321
CHR6	12900175	CHR6:12900175	SSF x LoA	-9,89678314	-0,172	0,294
CHR6	12900177	CHR6:12900177	SSF x LoA	-8,56389179	-0,181	0,291
CHR6	12900227	CHR6:12900227	SSF x LoA	-10,0246478	-0,027	0,294
CHR6	12900313	CHR6:12900313	SSF x LoA	-9,30337656	-0,088	0,308
CHR6	12900366	CHR6:12900366	SSF x LoA	-6,87782688	0,004	0,313
CHR6	12900376	CHR6:12900376	SSF x LoA	-9,91107767	0,011	0,307
CHR6	12919929	CHR6:12919929	SSF x LoA	-10,2210543	0,029	0,310
CHR6	12919957	CHR6:12919957	SSF x LoA	-9,27251112	-0,107	0,296
CHR6	12919969	CHR6:12919969	SSF x LoA	-10,3923169	-0,030	0,311
CHR6	12920005	CHR6:12920005	SSF x LoA	-7,24812845	-0,111	0,306
CHR6	12920045	CHR6:12920045	SSF x LoA	-11,4250616	0,007	0,304
CHR6	12920049	CHR6:12920049	SSF x LoA	-9,54239878	0,030	0,324
CHR6	12920090	CHR6:12920090	SSF x LoA	-8,71094606	0,059	0,305
CHR6	12920122	CHR6:12920122	SSF x LoA	-9,39914664	-0,096	0,291
CHR6	12920161	CHR6:12920161	SSF x LoA	-9,20722229	-0,072	0,307
CHR6	12920162	CHR6:12920162	SSF x LoA	-9,84175442	-0,086	0,307
CHR6	12920165	CHR6:12920165	SSF x LoA	-6,94011254	-0,064	0,319
CHR6	12926599	CHR6:12926599	SSF x LoA	-7,90385634	0,114	0,322
CHR6	1292912	CHR6:1292912	SSF x LoA	-3,0013753	-0,136	0,296
CHR6	1292990	CHR6:1292990	SSF x LoA	-9,97138873	-0,026	0,301
CHR6	12934382	CHR6:12934382	SSF x LoA	-8,99072032	0,038	0,303
CHR6	12934394	CHR6:12934394	SSF x LoA	-10,8919856	0,124	0,301
CHR6	12934550	CHR6:12934550	SSF x LoA	-10,7593489	0,093	0,287
CHR6	12942855	CHR6:12942855	SSF x LoA	-8,54669943	-0,080	0,299
CHR6	12949950	CHR6:12949950	SSF x LoA	-9,79400562	0,003	0,308
CHR6	12950001	CHR6:12950001	SSF x LoA	-9,6147918	0,040	0,307
CHR6	12950013	CHR6:12950013	SSF x LoA	-7,24415935	0,124	0,299
CHR6	12965853	CHR6:12965853	SSF x LoA	-10,039347	-0,010	0,306
CHR6	12966274	CHR6:12966274	SSF x LoA	-7,75727531	0,068	0,312
CHR6	12966288	CHR6:12966288	SSF x LoA	-9,9877679	-0,068	0,275
CHR6	12966305	CHR6:12966305	SSF x LoA	-9,21491588	-0,026	0,295
CHR6	12971737	CHR6:12971737	SSF x LoA	-8,44929387	0,080	0,306
CHR6	12974289	CHR6:12974289	SSF x LoA	-10,5744554	0,083	0,306
CHR6	12974346	CHR6:12974346	SSF x LoA	-5,03306604	-0,062	0,306
CHR6	12974349	CHR6:12974349	SSF x LoA	-9,38024225	0,108	0,308
CHR6	12983594	CHR6:12983594	SSF x LoA	-8,67813882	0,115	0,304
CHR6	12983597	CHR6:12983597	SSF x LoA	-1,27842439	-0,220	0,297
CHR6	12983643	CHR6:12983643	SSF x LoA	-5,91649749	0,154	0,312
CHR6	12985855	CHR6:12985855	SSF x LoA	-5,19104563	0,213	0,311
CHR6	12988574	CHR6:12988574	SSF x LoA	-8,79346032	0,137	0,315
CHR6	12988684	CHR6:12988684	SSF x LoA	-6,45796214	0,172	0,290
CHR6	12988692	CHR6:12988692	SSF x LoA	-6,55263427	-0,201	0,299
CHR6	12988697	CHR6:12988697	SSF x LoA	-5,87567263	-0,169	0,292
CHR6	12988698	CHR6:12988698	SSF x LoA	-6,82350891	0,118	0,305
CHR6	12988741	CHR6:12988741	SSF x LoA	-5,37095767	0,182	0,312
CHR6	12988762	CHR6:12988762	SSF x LoA	2,38959313	0,032	0,310
CHR6	12993192	CHR6:12993192	SSF x LoA	-9,28685539	-0,044	0,290
CHR6	12993198	CHR6:12993198	SSF x LoA	-7,82668888	0,141	0,313
CHR6	12993238	CHR6:12993238	SSF x LoA	-7,98362012	0,115	0,296

CHR6	12993241	CHR6:12993241	SSF x LoA	-7,69717878	0,116	0,293
CHR6	1300289	CHR6:1300289	SSF x LoA	-11,7879647	0,021	0,302
CHR6	1300401	CHR6:1300401	SSF x LoA	-7,51443967	0,096	0,309
CHR6	1300441	CHR6:1300441	SSF x LoA	-7,10074356	0,041	0,315
CHR6	13010621	CHR6:13010621	SSF x LoA	-6,37423187	-0,127	0,313
CHR6	13010776	CHR6:13010776	SSF x LoA	-9,06908631	-0,048	0,312
CHR6	13019565	CHR6:13019565	SSF x LoA	-8,89955471	0,070	0,308
CHR6	1302930	CHR6:1302930	SSF x LoA	-10,2890252	-0,074	0,307
CHR6	13033344	CHR6:13033344	SSF x LoA	-10,519963	-0,033	0,299
CHR6	13057391	CHR6:13057391	SSF x LoA	-7,15090478	0,044	0,316
CHR6	13057591	CHR6:13057591	SSF x LoA	-7,99167671	0,003	0,318
CHR6	13062520	CHR6:13062520	SSF x LoA	-10,7430314	0,066	0,303
CHR6	13062590	CHR6:13062590	SSF x LoA	-9,647121	-0,016	0,315
CHR6	13071777	CHR6:13071777	SSF x LoA	-7,17295505	0,151	0,300
CHR6	13071798	CHR6:13071798	SSF x LoA	-10,5952561	0,007	0,306
CHR6	13071815	CHR6:13071815	SSF x LoA	-11,1545952	-0,031	0,305
CHR6	13071863	CHR6:13071863	SSF x LoA	-3,54763438	0,181	0,297
CHR6	13071900	CHR6:13071900	SSF x LoA	-9,86461799	-0,010	0,303
CHR6	13073583	CHR6:13073583	SSF x LoA	-8,93873731	0,103	0,298
CHR6	13073616	CHR6:13073616	SSF x LoA	-11,3646264	0,005	0,296
CHR6	13073629	CHR6:13073629	SSF x LoA	-9,7528769	-0,045	0,309
CHR6	13073675	CHR6:13073675	SSF x LoA	-8,03917095	-0,062	0,311
CHR6	13073685	CHR6:13073685	SSF x LoA	-6,77858009	-0,100	0,317
CHR6	13073693	CHR6:13073693	SSF x LoA	-7,89146928	-0,155	0,300
CHR6	13083400	CHR6:13083400	SSF x LoA	-10,8384998	0,016	0,311
CHR6	13083410	CHR6:13083410	SSF x LoA	-10,8965735	0,012	0,315
CHR6	13083422	CHR6:13083422	SSF x LoA	-8,44022132	0,103	0,311
CHR6	13083498	CHR6:13083498	SSF x LoA	-5,59121271	0,126	0,285
CHR6	13083515	CHR6:13083515	SSF x LoA	-9,29322894	-0,051	0,310
CHR6	1309006	CHR6:1309006	SSF x LoA	-7,96480821	0,132	0,300
CHR6	1309901	CHR6:1309901	SSF x LoA	-7,8969052	-0,177	0,290
CHR6	1309956	CHR6:1309956	SSF x LoA	-11,1117864	-0,054	0,301
CHR6	13100937	CHR6:13100937	SSF x LoA	-8,55300613	-0,007	0,309
CHR6	13100963	CHR6:13100963	SSF x LoA	-8,42897854	-0,023	0,318
CHR6	13100998	CHR6:13100998	SSF x LoA	-2,46315053	0,007	0,313
CHR6	13101064	CHR6:13101064	SSF x LoA	-3,71337898	-0,046	0,304
CHR6	13101066	CHR6:13101066	SSF x LoA	-9,01439099	-0,026	0,321
CHR6	13101780	CHR6:13101780	SSF x LoA	-8,74561388	0,082	0,305
CHR6	13101781	CHR6:13101781	SSF x LoA	-9,44344114	0,073	0,299
CHR6	13101789	CHR6:13101789	SSF x LoA	-8,63062536	0,072	0,304
CHR6	1310959	CHR6:1310959	SSF x LoA	-9,53973704	0,000	0,295
CHR6	13122839	CHR6:13122839	SSF x LoA	-6,53593576	0,001	0,313
CHR6	13122912	CHR6:13122912	SSF x LoA	-9,11406821	-0,053	0,315
CHR6	13122924	CHR6:13122924	SSF x LoA	-8,30308502	0,080	0,298
CHR6	13123097	CHR6:13123097	SSF x LoA	-11,0783058	0,098	0,316
CHR6	13123135	CHR6:13123135	SSF x LoA	-10,4689775	0,030	0,311
CHR6	13127496	CHR6:13127496	SSF x LoA	-7,44608034	-0,055	0,305
CHR6	13138388	CHR6:13138388	SSF x LoA	-12,4806773	-0,024	0,300
CHR6	13138410	CHR6:13138410	SSF x LoA	-8,65990415	0,056	0,320
CHR6	13138491	CHR6:13138491	SSF x LoA	-10,5748644	0,021	0,316
CHR6	13142696	CHR6:13142696	SSF x LoA	-10,9232673	-0,032	0,313
CHR6	13177360	CHR6:13177360	SSF x LoA	-8,84995696	-0,008	0,303
CHR6	13177409	CHR6:13177409	SSF x LoA	-7,46083751	-0,059	0,306

CHR6	13177411	CHR6:13177411	SSF x LoA	-9,02816084	-0,004	0,305
CHR6	13177422	CHR6:13177422	SSF x LoA	-8,56921306	-0,069	0,314
CHR6	13177430	CHR6:13177430	SSF x LoA	-10,1349699	0,054	0,308
CHR6	13177469	CHR6:13177469	SSF x LoA	-10,7790315	-0,046	0,311
CHR6	13177472	CHR6:13177472	SSF x LoA	-6,13949303	-0,040	0,313
CHR6	13177512	CHR6:13177512	SSF x LoA	-8,82846578	-0,018	0,309
CHR6	13183199	CHR6:13183199	SSF x LoA	-8,46099664	-0,065	0,309
CHR6	13183988	CHR6:13183988	SSF x LoA	-9,52083507	-0,028	0,311
CHR6	13184000	CHR6:13184000	SSF x LoA	-9,72984211	0,092	0,314
CHR6	13184151	CHR6:13184151	SSF x LoA	-11,7096079	0,001	0,294
CHR6	13192399	CHR6:13192399	SSF x LoA	-8,90954571	-0,053	0,307
CHR6	13198496	CHR6:13198496	SSF x LoA	-9,02575212	-0,020	0,315
CHR6	13198538	CHR6:13198538	SSF x LoA	-7,52837501	-0,063	0,319
CHR6	13198662	CHR6:13198662	SSF x LoA	-10,5012936	-0,055	0,299
CHR6	13198685	CHR6:13198685	SSF x LoA	-9,04962433	-0,009	0,310
CHR6	13198714	CHR6:13198714	SSF x LoA	-9,6669478	-0,034	0,304
CHR6	13203994	CHR6:13203994	SSF x LoA	3,31468476	-0,144	0,294
CHR6	13204005	CHR6:13204005	SSF x LoA	-8,34411994	0,041	0,315
CHR6	132195	CHR6:132195	SSF x LoA	-10,4778991	-0,030	0,295
CHR6	132196	CHR6:132196	SSF x LoA	-9,85048044	-0,034	0,308
CHR6	13229133	CHR6:13229133	SSF x LoA	-10,9298565	0,058	0,305
CHR6	13232734	CHR6:13232734	SSF x LoA	-8,79975475	-0,044	0,301
CHR6	132406	CHR6:132406	SSF x LoA	-9,48458691	0,031	0,311
CHR6	13251139	CHR6:13251139	SSF x LoA	-6,44136251	-0,118	0,295
CHR6	13251153	CHR6:13251153	SSF x LoA	-9,46033901	-0,108	0,296
CHR6	13251174	CHR6:13251174	SSF x LoA	-7,96854411	-0,019	0,296
CHR6	13253898	CHR6:13253898	SSF x LoA	-10,4567883	0,042	0,309
CHR6	13254853	CHR6:13254853	SSF x LoA	-9,65345617	-0,097	0,302
CHR6	13254859	CHR6:13254859	SSF x LoA	-10,9026201	0,052	0,303
CHR6	13254860	CHR6:13254860	SSF x LoA	-8,72255361	-0,073	0,299
CHR6	13254861	CHR6:13254861	SSF x LoA	-9,23307976	-0,061	0,299
CHR6	13254892	CHR6:13254892	SSF x LoA	-8,6387073	-0,097	0,304
CHR6	13257747	CHR6:13257747	SSF x LoA	-10,3720965	-0,073	0,309
CHR6	13257770	CHR6:13257770	SSF x LoA	-10,4392529	0,012	0,305
CHR6	13257796	CHR6:13257796	SSF x LoA	-9,02961167	-0,108	0,301
CHR6	13261985	CHR6:13261985	SSF x LoA	-9,31704848	0,077	0,297
CHR6	13263264	CHR6:13263264	SSF x LoA	-10,6803927	-0,013	0,308
CHR6	13263267	CHR6:13263267	SSF x LoA	-8,30302211	-0,015	0,301
CHR6	13263287	CHR6:13263287	SSF x LoA	-11,1729467	0,039	0,312
CHR6	13263318	CHR6:13263318	SSF x LoA	-10,5029618	-0,056	0,300
CHR6	13268517	CHR6:13268517	SSF x LoA	-7,85256537	-0,102	0,300
CHR6	13268530	CHR6:13268530	SSF x LoA	-5,9768289	-0,093	0,302
CHR6	13268540	CHR6:13268540	SSF x LoA	-10,5854688	-0,058	0,306
CHR6	13268589	CHR6:13268589	SSF x LoA	-9,47151074	0,053	0,316
CHR6	13272953	CHR6:13272953	SSF x LoA	-7,7501729	-0,030	0,311
CHR6	13272958	CHR6:13272958	SSF x LoA	-8,15588774	0,131	0,298
CHR6	13273044	CHR6:13273044	SSF x LoA	-8,68222827	0,034	0,321
CHR6	13278104	CHR6:13278104	SSF x LoA	-10,1219636	-0,009	0,310
CHR6	13278105	CHR6:13278105	SSF x LoA	-8,20724599	0,019	0,314
CHR6	13280054	CHR6:13280054	SSF x LoA	-8,3731185	0,107	0,307
CHR6	13280174	CHR6:13280174	SSF x LoA	-11,2780871	-0,071	0,312
CHR6	13284046	CHR6:13284046	SSF x LoA	-10,8184653	-0,064	0,317
CHR6	1329828	CHR6:1329828	SSF x LoA	-10,5406362	-0,097	0,315

CHR6	1329832	CHR6:1329832	SSF x LoA	-8,13473078	-0,070	0,315
CHR6	1331427	CHR6:1331427	SSF x LoA	-7,94570901	-0,146	0,306
CHR6	1331453	CHR6:1331453	SSF x LoA	-10,7401186	-0,008	0,307
CHR6	13324553	CHR6:13324553	SSF x LoA	-10,6255936	0,039	0,304
CHR6	13324669	CHR6:13324669	SSF x LoA	-10,766002	-0,006	0,309
CHR6	13324670	CHR6:13324670	SSF x LoA	-8,99660045	0,003	0,329
CHR6	13329506	CHR6:13329506	SSF x LoA	-8,92077005	0,040	0,308
CHR6	13334755	CHR6:13334755	SSF x LoA	-10,0387987	-0,080	0,306
CHR6	13334823	CHR6:13334823	SSF x LoA	-7,48179858	-0,070	0,308
CHR6	13335756	CHR6:13335756	SSF x LoA	-11,4518017	-0,026	0,319
CHR6	13335768	CHR6:13335768	SSF x LoA	-10,0599266	0,003	0,318
CHR6	13335826	CHR6:13335826	SSF x LoA	-9,19226676	-0,096	0,314
CHR6	13335880	CHR6:13335880	SSF x LoA	-11,1356525	-0,005	0,299
CHR6	13341737	CHR6:13341737	SSF x LoA	-10,2652884	0,000	0,308
CHR6	13341761	CHR6:13341761	SSF x LoA	-9,32575673	-0,132	0,288
CHR6	13341812	CHR6:13341812	SSF x LoA	-10,600673	0,020	0,292
CHR6	13341821	CHR6:13341821	SSF x LoA	-8,94392068	0,079	0,301
CHR6	13341837	CHR6:13341837	SSF x LoA	-7,06623298	-0,206	0,285
CHR6	13341842	CHR6:13341842	SSF x LoA	-9,88832999	-0,047	0,301
CHR6	13341852	CHR6:13341852	SSF x LoA	-8,23262342	-0,080	0,308
CHR6	13342449	CHR6:13342449	SSF x LoA	-8,98618878	-0,102	0,304
CHR6	13342517	CHR6:13342517	SSF x LoA	-11,6870628	-0,067	0,281
CHR6	13345245	CHR6:13345245	SSF x LoA	-7,13617144	0,068	0,302
CHR6	13345292	CHR6:13345292	SSF x LoA	-9,48207407	-0,099	0,299
CHR6	13345381	CHR6:13345381	SSF x LoA	-11,2877686	-0,033	0,309
CHR6	13345445	CHR6:13345445	SSF x LoA	-10,9593869	0,002	0,305
CHR6	13351300	CHR6:13351300	SSF x LoA	-8,29780266	-0,040	0,324
CHR6	1335409	CHR6:1335409	SSF x LoA	-10,3162153	-0,011	0,298
CHR6	1335416	CHR6:1335416	SSF x LoA	-8,36679537	-0,157	0,307
CHR6	13370622	CHR6:13370622	SSF x LoA	-10,2155122	0,085	0,295
CHR6	13385314	CHR6:13385314	SSF x LoA	-10,9922667	-0,055	0,314
CHR6	13439048	CHR6:13439048	SSF x LoA	-9,04776428	0,015	0,318
CHR6	13439084	CHR6:13439084	SSF x LoA	-8,93034015	-0,004	0,321
CHR6	13439099	CHR6:13439099	SSF x LoA	-7,88722311	-0,008	0,323
CHR6	13439127	CHR6:13439127	SSF x LoA	-8,68355108	0,009	0,324
CHR6	13454605	CHR6:13454605	SSF x LoA	-8,55471687	-0,012	0,316
CHR6	13454673	CHR6:13454673	SSF x LoA	-8,83160791	0,023	0,308
CHR6	13454712	CHR6:13454712	SSF x LoA	14,7188334	-0,022	0,322
CHR6	13500881	CHR6:13500881	SSF x LoA	-10,6270421	0,014	0,329
CHR6	13500924	CHR6:13500924	SSF x LoA	-7,9743236	0,201	0,285
CHR6	1352183	CHR6:1352183	SSF x LoA	-8,70832309	0,019	0,304
CHR6	13603823	CHR6:13603823	SSF x LoA	-8,30861979	-0,010	0,326
CHR6	13603878	CHR6:13603878	SSF x LoA	-8,84443618	-0,022	0,318
CHR6	13603886	CHR6:13603886	SSF x LoA	-5,10575517	-0,025	0,329
CHR6	13603901	CHR6:13603901	SSF x LoA	-8,31398964	0,008	0,316
CHR6	13603903	CHR6:13603903	SSF x LoA	-5,8278338	0,011	0,329
CHR6	13603912	CHR6:13603912	SSF x LoA	-8,83949566	0,007	0,315
CHR6	13603985	CHR6:13603985	SSF x LoA	-8,70617879	-0,021	0,313
CHR6	13603986	CHR6:13603986	SSF x LoA	-7,26704462	0,010	0,321
CHR6	13604014	CHR6:13604014	SSF x LoA	-8,48413246	-0,033	0,327
CHR6	13604052	CHR6:13604052	SSF x LoA	-5,27446237	-0,007	0,322
CHR6	13604063	CHR6:13604063	SSF x LoA	-8,14291497	0,002	0,321
CHR6	13604104	CHR6:13604104	SSF x LoA	-8,0727884	-0,010	0,320

CHR6	13604106	CHR6:13604106	SSF x LoA	-8,89398502	0,025	0,303
CHR6	13604115	CHR6:13604115	SSF x LoA	-8,22494257	0,007	0,300
CHR6	13604141	CHR6:13604141	SSF x LoA	-9,07597261	-0,006	0,318
CHR6	13604142	CHR6:13604142	SSF x LoA	-8,89590326	-0,033	0,310
CHR6	1362247	CHR6:1362247	SSF x LoA	-11,5976058	0,078	0,294
CHR6	1362358	CHR6:1362358	SSF x LoA	-9,50144811	-0,024	0,302
CHR6	1362389	CHR6:1362389	SSF x LoA	-6,67826831	0,060	0,308
CHR6	1362469	CHR6:1362469	SSF x LoA	-10,253685	-0,012	0,301
CHR6	1362470	CHR6:1362470	SSF x LoA	-9,81652896	-0,009	0,309
CHR6	13628010	CHR6:13628010	SSF x LoA	-11,2059225	0,067	0,310
CHR6	1364299	CHR6:1364299	SSF x LoA	-10,9058912	0,076	0,303
CHR6	13644282	CHR6:13644282	SSF x LoA	-11,3785143	0,046	0,297
CHR6	1364449	CHR6:1364449	SSF x LoA	-10,912684	0,053	0,302
CHR6	1364502	CHR6:1364502	SSF x LoA	-11,1849276	0,073	0,292
CHR6	1364510	CHR6:1364510	SSF x LoA	-8,53532906	-0,132	0,313
CHR6	1364514	CHR6:1364514	SSF x LoA	-7,28235071	-0,157	0,300
CHR6	1367132	CHR6:1367132	SSF x LoA	-10,0723234	0,016	0,305
CHR6	1367216	CHR6:1367216	SSF x LoA	-10,6498762	-0,143	0,299
CHR6	1367240	CHR6:1367240	SSF x LoA	-9,58346706	0,025	0,299
CHR6	1367334	CHR6:1367334	SSF x LoA	-9,26151325	-0,020	0,314
CHR6	1367341	CHR6:1367341	SSF x LoA	-9,88857902	0,007	0,305
CHR6	1368281	CHR6:1368281	SSF x LoA	-8,90648054	0,023	0,309
CHR6	1368300	CHR6:1368300	SSF x LoA	-8,18508929	-0,078	0,306
CHR6	13734826	CHR6:13734826	SSF x LoA	-8,84308362	-0,049	0,313
CHR6	13734862	CHR6:13734862	SSF x LoA	-8,12726472	0,015	0,302
CHR6	13734875	CHR6:13734875	SSF x LoA	-7,92327639	-0,115	0,313
CHR6	13734904	CHR6:13734904	SSF x LoA	-6,43679986	0,008	0,313
CHR6	1374202	CHR6:1374202	SSF x LoA	-5,39860342	-0,111	0,309
CHR6	1374266	CHR6:1374266	SSF x LoA	-8,65507031	-0,147	0,313
CHR6	1374429	CHR6:1374429	SSF x LoA	-8,91632851	-0,001	0,293
CHR6	13795949	CHR6:13795949	SSF x LoA	-10,796167	0,094	0,300
CHR6	13805750	CHR6:13805750	SSF x LoA	-3,8226556	0,030	0,314
CHR6	13805788	CHR6:13805788	SSF x LoA	-9,32475272	0,015	0,308
CHR6	13805792	CHR6:13805792	SSF x LoA	-8,98389899	0,041	0,322
CHR6	13805837	CHR6:13805837	SSF x LoA	-8,43706571	-0,012	0,327
CHR6	13805850	CHR6:13805850	SSF x LoA	-7,4679106	0,037	0,317
CHR6	13805855	CHR6:13805855	SSF x LoA	-8,79024163	0,026	0,317
CHR6	13805866	CHR6:13805866	SSF x LoA	-7,84250502	0,011	0,311
CHR6	13805895	CHR6:13805895	SSF x LoA	-8,80654355	-0,009	0,322
CHR6	13805936	CHR6:13805936	SSF x LoA	-8,76570414	-0,032	0,307
CHR6	13805948	CHR6:13805948	SSF x LoA	-8,58330859	-0,022	0,306
CHR6	13814547	CHR6:13814547	SSF x LoA	-10,315379	-0,037	0,305
CHR6	13817120	CHR6:13817120	SSF x LoA	-10,0897814	-0,052	0,303
CHR6	13828745	CHR6:13828745	SSF x LoA	-8,51860723	0,028	0,322
CHR6	13828867	CHR6:13828867	SSF x LoA	-8,1627007	0,006	0,305
CHR6	13841631	CHR6:13841631	SSF x LoA	-8,93276077	0,010	0,315
CHR6	13841650	CHR6:13841650	SSF x LoA	-7,94379176	0,018	0,319
CHR6	13841727	CHR6:13841727	SSF x LoA	-8,22858851	0,015	0,323
CHR6	13895964	CHR6:13895964	SSF x LoA	-10,6779839	0,041	0,295
CHR6	13917176	CHR6:13917176	SSF x LoA	-9,53494929	0,069	0,319
CHR6	13963660	CHR6:13963660	SSF x LoA	-8,53454758	0,006	0,315
CHR6	13963775	CHR6:13963775	SSF x LoA	-8,46849442	0,040	0,325
CHR6	13963785	CHR6:13963785	SSF x LoA	-8,37748775	0,024	0,329

CHR6	14002011	CHR6:14002011	SSF x LoA	-8,64535621	-0,024	0,314
CHR6	14002044	CHR6:14002044	SSF x LoA	-8,1256411	-0,001	0,318
CHR6	14002082	CHR6:14002082	SSF x LoA	-9,34216097	-0,025	0,303
CHR6	14045718	CHR6:14045718	SSF x LoA	-12,1641453	0,018	0,291
CHR6	14045815	CHR6:14045815	SSF x LoA	-10,9837661	0,073	0,314
CHR6	14061249	CHR6:14061249	SSF x LoA	-9,33244866	0,040	0,312
CHR6	14061273	CHR6:14061273	SSF x LoA	-8,69040754	0,010	0,319
CHR6	14061290	CHR6:14061290	SSF x LoA	-8,3994702	0,003	0,318
CHR6	14104948	CHR6:14104948	SSF x LoA	-8,74139667	-0,112	0,300
CHR6	1410724	CHR6:1410724	SSF x LoA	-9,97772185	-0,012	0,306
CHR6	14120221	CHR6:14120221	SSF x LoA	-10,3402384	0,040	0,291
CHR6	14120319	CHR6:14120319	SSF x LoA	-8,65801271	0,031	0,299
CHR6	14122444	CHR6:14122444	SSF x LoA	-10,6440937	0,037	0,285
CHR6	14132450	CHR6:14132450	SSF x LoA	-9,86385474	-0,079	0,304
CHR6	14132476	CHR6:14132476	SSF x LoA	-9,92439597	-0,068	0,305
CHR6	14142373	CHR6:14142373	SSF x LoA	-8,67694229	0,079	0,318
CHR6	14142422	CHR6:14142422	SSF x LoA	-10,8981948	0,051	0,288
CHR6	14149623	CHR6:14149623	SSF x LoA	-9,32531561	-0,024	0,317
CHR6	14171774	CHR6:14171774	SSF x LoA	-8,24442312	-0,024	0,293
CHR6	14177390	CHR6:14177390	SSF x LoA	-11,2051272	0,082	0,302
CHR6	14185854	CHR6:14185854	SSF x LoA	-7,45896354	-0,128	0,316
CHR6	14197375	CHR6:14197375	SSF x LoA	-9,03116087	0,040	0,309
CHR6	14197391	CHR6:14197391	SSF x LoA	-9,24010441	0,003	0,317
CHR6	14197394	CHR6:14197394	SSF x LoA	-8,00058402	0,006	0,313
CHR6	14197413	CHR6:14197413	SSF x LoA	-7,88348335	0,007	0,315
CHR6	14216029	CHR6:14216029	SSF x LoA	-8,8868088	-0,073	0,312
CHR6	14217520	CHR6:14217520	SSF x LoA	-4,93905672	0,134	0,299
CHR6	14217535	CHR6:14217535	SSF x LoA	-11,08297	0,036	0,306
CHR6	14217631	CHR6:14217631	SSF x LoA	-8,95685157	-0,126	0,311
CHR6	14225209	CHR6:14225209	SSF x LoA	-11,0391431	-0,027	0,313
CHR6	14225215	CHR6:14225215	SSF x LoA	-11,4287497	-0,046	0,309
CHR6	14225221	CHR6:14225221	SSF x LoA	-10,9137596	-0,030	0,316
CHR6	14225224	CHR6:14225224	SSF x LoA	-12,1121687	-0,021	0,293
CHR6	14225226	CHR6:14225226	SSF x LoA	-11,5296961	-0,029	0,308
CHR6	14225257	CHR6:14225257	SSF x LoA	-9,73053244	-0,005	0,317
CHR6	14225302	CHR6:14225302	SSF x LoA	-12,0770295	-0,020	0,308
CHR6	14225320	CHR6:14225320	SSF x LoA	-11,406305	-0,023	0,303
CHR6	14225335	CHR6:14225335	SSF x LoA	-12,0825017	-0,002	0,303
CHR6	14225456	CHR6:14225456	SSF x LoA	-6,36852673	-0,080	0,322
CHR6	14230420	CHR6:14230420	SSF x LoA	-11,1152483	-0,026	0,320
CHR6	14230512	CHR6:14230512	SSF x LoA	-10,9026408	0,044	0,305
CHR6	14230522	CHR6:14230522	SSF x LoA	-8,52829332	-0,079	0,307
CHR6	14239441	CHR6:14239441	SSF x LoA	-8,96141876	0,076	0,309
CHR6	14239540	CHR6:14239540	SSF x LoA	-8,40859626	0,048	0,308
CHR6	14239995	CHR6:14239995	SSF x LoA	-8,22822037	-0,013	0,313
CHR6	14239997	CHR6:14239997	SSF x LoA	-9,36033005	-0,004	0,302
CHR6	14240004	CHR6:14240004	SSF x LoA	-8,32205135	0,005	0,322
CHR6	14240014	CHR6:14240014	SSF x LoA	-7,2265968	-0,026	0,331
CHR6	14240021	CHR6:14240021	SSF x LoA	-8,84102329	-0,002	0,318
CHR6	14240035	CHR6:14240035	SSF x LoA	-7,15649157	-0,011	0,322
CHR6	14240045	CHR6:14240045	SSF x LoA	-9,09997987	-0,030	0,319
CHR6	14240054	CHR6:14240054	SSF x LoA	-8,88079416	-0,049	0,314
CHR6	14240062	CHR6:14240062	SSF x LoA	-5,55512543	-0,015	0,315

CHR6	14240078	CHR6:14240078	SSF x LoA	-7,24594649	-0,037	0,318
CHR6	1425652	CHR6:1425652	SSF x LoA	-11,4331852	-0,034	0,312
CHR6	1425681	CHR6:1425681	SSF x LoA	-10,1727991	-0,065	0,320
CHR6	14274344	CHR6:14274344	SSF x LoA	-10,8168288	0,051	0,296
CHR6	14278522	CHR6:14278522	SSF x LoA	-10,0618607	0,039	0,304
CHR6	14313286	CHR6:14313286	SSF x LoA	-8,21227393	-0,056	0,315
CHR6	14313326	CHR6:14313326	SSF x LoA	-8,43604398	-0,027	0,309
CHR6	1432273	CHR6:1432273	SSF x LoA	-10,0886179	-0,075	0,328
CHR6	1432360	CHR6:1432360	SSF x LoA	-9,6105329	-0,038	0,297
CHR6	14324446	CHR6:14324446	SSF x LoA	-11,2327618	0,062	0,307
CHR6	14324477	CHR6:14324477	SSF x LoA	-9,1532055	0,061	0,310
CHR6	14331385	CHR6:14331385	SSF x LoA	-10,2002658	0,045	0,309
CHR6	14343889	CHR6:14343889	SSF x LoA	-9,30069525	0,157	0,299
CHR6	14353585	CHR6:14353585	SSF x LoA	-8,60185844	-0,048	0,311
CHR6	1435446	CHR6:1435446	SSF x LoA	-9,15381717	0,028	0,299
CHR6	14359793	CHR6:14359793	SSF x LoA	-8,84708743	-0,051	0,310
CHR6	14366786	CHR6:14366786	SSF x LoA	-10,2510441	0,051	0,314
CHR6	14366910	CHR6:14366910	SSF x LoA	-11,4142368	-0,049	0,314
CHR6	1437745	CHR6:1437745	SSF x LoA	-9,0221165	-0,048	0,319
CHR6	1437757	CHR6:1437757	SSF x LoA	-9,40015408	0,136	0,289
CHR6	1438479	CHR6:1438479	SSF x LoA	-11,1352985	-0,010	0,302
CHR6	1438519	CHR6:1438519	SSF x LoA	-7,76826953	0,041	0,305
CHR6	1438541	CHR6:1438541	SSF x LoA	-8,54243942	0,068	0,311
CHR6	14398251	CHR6:14398251	SSF x LoA	-9,0884678	-0,018	0,314
CHR6	14398301	CHR6:14398301	SSF x LoA	-7,36281521	-0,119	0,303
CHR6	14398309	CHR6:14398309	SSF x LoA	-1,11793839	-0,141	0,307
CHR6	14398332	CHR6:14398332	SSF x LoA	-10,1164143	-0,089	0,309
CHR6	14398773	CHR6:14398773	SSF x LoA	-8,85951574	-0,057	0,313
CHR6	14398806	CHR6:14398806	SSF x LoA	-11,8098938	-0,050	0,312
CHR6	14400985	CHR6:14400985	SSF x LoA	-9,38155214	0,096	0,298
CHR6	14415233	CHR6:14415233	SSF x LoA	-10,0497011	0,072	0,311
CHR6	14415279	CHR6:14415279	SSF x LoA	-9,63818355	-0,057	0,297
CHR6	14423269	CHR6:14423269	SSF x LoA	-5,44355449	0,073	0,310
CHR6	14424230	CHR6:14424230	SSF x LoA	-7,36894313	0,051	0,318
CHR6	14450108	CHR6:14450108	SSF x LoA	-8,91372029	0,057	0,280
CHR6	14450156	CHR6:14450156	SSF x LoA	-8,07002312	-0,126	0,299
CHR6	14452002	CHR6:14452002	SSF x LoA	-9,03157871	-0,030	0,301
CHR6	14452005	CHR6:14452005	SSF x LoA	-9,3921851	0,009	0,299
CHR6	14452063	CHR6:14452063	SSF x LoA	-8,1148354	0,004	0,295
CHR6	14452125	CHR6:14452125	SSF x LoA	-8,65239444	0,122	0,291
CHR6	14452170	CHR6:14452170	SSF x LoA	-2,84751512	0,090	0,311
CHR6	14452189	CHR6:14452189	SSF x LoA	-8,70563298	-0,110	0,307
CHR6	14452266	CHR6:14452266	SSF x LoA	-7,69023678	0,000	0,300
CHR6	14458132	CHR6:14458132	SSF x LoA	-7,19326919	-0,082	0,308
CHR6	14510194	CHR6:14510194	SSF x LoA	-3,70497382	-0,075	0,309
CHR6	14510213	CHR6:14510213	SSF x LoA	-11,1442964	0,037	0,295
CHR6	14511701	CHR6:14511701	SSF x LoA	-8,15834511	0,037	0,307
CHR6	14511706	CHR6:14511706	SSF x LoA	-9,29908953	0,034	0,313
CHR6	14511750	CHR6:14511750	SSF x LoA	-10,9859208	0,046	0,316
CHR6	14511762	CHR6:14511762	SSF x LoA	-9,54292444	0,022	0,310
CHR6	14511774	CHR6:14511774	SSF x LoA	-9,14567957	-0,015	0,315
CHR6	14511780	CHR6:14511780	SSF x LoA	-9,12361262	0,009	0,317
CHR6	14511782	CHR6:14511782	SSF x LoA	-8,60219989	0,013	0,309

CHR6	14513621	CHR6:14513621	SSF x LoA	-8,33119608	0,004	0,309
CHR6	14513650	CHR6:14513650	SSF x LoA	-10,2570203	0,045	0,297
CHR6	14513678	CHR6:14513678	SSF x LoA	-8,93289502	0,054	0,311
CHR6	14513688	CHR6:14513688	SSF x LoA	-10,6886843	-0,142	0,300
CHR6	14517162	CHR6:14517162	SSF x LoA	-9,69072019	-0,049	0,296
CHR6	14517197	CHR6:14517197	SSF x LoA	-9,10958357	0,048	0,302
CHR6	14517198	CHR6:14517198	SSF x LoA	-8,90736042	0,021	0,302
CHR6	14517240	CHR6:14517240	SSF x LoA	-10,1468208	-0,062	0,291
CHR6	14517245	CHR6:14517245	SSF x LoA	-9,68408249	-0,043	0,306
CHR6	14517249	CHR6:14517249	SSF x LoA	-10,5640148	-0,057	0,295
CHR6	14519867	CHR6:14519867	SSF x LoA	-9,12281646	0,068	0,307
CHR6	14528990	CHR6:14528990	SSF x LoA	-9,23882965	-0,029	0,298
CHR6	14529048	CHR6:14529048	SSF x LoA	-8,91531515	0,030	0,311
CHR6	14557759	CHR6:14557759	SSF x LoA	-8,62526553	0,029	0,322
CHR6	14557782	CHR6:14557782	SSF x LoA	-9,56748291	-0,047	0,291
CHR6	14557855	CHR6:14557855	SSF x LoA	-8,97245788	-0,046	0,318
CHR6	14559794	CHR6:14559794	SSF x LoA	-8,68624076	-0,082	0,299
CHR6	14559798	CHR6:14559798	SSF x LoA	-6,71175702	-0,016	0,324
CHR6	14563263	CHR6:14563263	SSF x LoA	-3,02276069	-0,156	0,298
CHR6	14563292	CHR6:14563292	SSF x LoA	-7,64232786	-0,035	0,307
CHR6	1456990	CHR6:1456990	SSF x LoA	-9,19162612	-0,064	0,305
CHR6	1457018	CHR6:1457018	SSF x LoA	-7,65622421	-0,002	0,313
CHR6	1457048	CHR6:1457048	SSF x LoA	-8,96813375	0,041	0,303
CHR6	14570530	CHR6:14570530	SSF x LoA	-7,16826895	0,048	0,296
CHR6	14570642	CHR6:14570642	SSF x LoA	-10,4637809	-0,052	0,303
CHR6	14570667	CHR6:14570667	SSF x LoA	-10,3977485	-0,031	0,303
CHR6	14570754	CHR6:14570754	SSF x LoA	-10,5549317	-0,104	0,314
CHR6	1457095	CHR6:1457095	SSF x LoA	-8,98412884	0,106	0,307
CHR6	14575724	CHR6:14575724	SSF x LoA	-7,6244832	0,138	0,303
CHR6	14575728	CHR6:14575728	SSF x LoA	-7,33384831	0,138	0,306
CHR6	14575763	CHR6:14575763	SSF x LoA	-6,82792585	0,121	0,305
CHR6	14575804	CHR6:14575804	SSF x LoA	-7,90553598	0,014	0,300
CHR6	14575832	CHR6:14575832	SSF x LoA	-11,0121941	-0,056	0,316
CHR6	14575872	CHR6:14575872	SSF x LoA	-10,2249701	0,015	0,301
CHR6	14575893	CHR6:14575893	SSF x LoA	-10,1551832	-0,013	0,303
CHR6	14582666	CHR6:14582666	SSF x LoA	-10,0521062	0,082	0,292
CHR6	14582718	CHR6:14582718	SSF x LoA	-10,1529448	-0,029	0,309
CHR6	14582745	CHR6:14582745	SSF x LoA	-6,13257788	-0,011	0,299
CHR6	14582775	CHR6:14582775	SSF x LoA	-9,79122488	0,097	0,299
CHR6	14582799	CHR6:14582799	SSF x LoA	-8,36447571	0,029	0,297
CHR6	14597996	CHR6:14597996	SSF x LoA	-7,75877698	-0,076	0,298
CHR6	14598062	CHR6:14598062	SSF x LoA	-9,35486586	0,067	0,309
CHR6	14598205	CHR6:14598205	SSF x LoA	-6,15508185	-0,118	0,306
CHR6	1460125	CHR6:1460125	SSF x LoA	-8,83631472	0,008	0,305
CHR6	1460251	CHR6:1460251	SSF x LoA	-11,0687176	-0,045	0,302
CHR6	1460256	CHR6:1460256	SSF x LoA	-9,17934283	0,071	0,308
CHR6	14602962	CHR6:14602962	SSF x LoA	-10,182126	0,031	0,307
CHR6	14613714	CHR6:14613714	SSF x LoA	-9,14388126	0,056	0,315
CHR6	14613847	CHR6:14613847	SSF x LoA	-9,1761643	0,045	0,298
CHR6	14622501	CHR6:14622501	SSF x LoA	-6,66534845	-0,041	0,310
CHR6	14626024	CHR6:14626024	SSF x LoA	-10,2822588	-0,048	0,310
CHR6	14626079	CHR6:14626079	SSF x LoA	-10,5859803	0,007	0,301
CHR6	14626101	CHR6:14626101	SSF x LoA	-8,13852506	0,086	0,311

CHR6	14646928	CHR6:14646928	SSF x LoA	-9,83959325	0,024	0,295
CHR6	14646946	CHR6:14646946	SSF x LoA	-10,0874309	-0,090	0,308
CHR6	14647060	CHR6:14647060	SSF x LoA	-9,11858164	-0,063	0,309
CHR6	14647101	CHR6:14647101	SSF x LoA	-7,04028202	0,009	0,302
CHR6	14647127	CHR6:14647127	SSF x LoA	-8,97694246	0,052	0,306
CHR6	14650349	CHR6:14650349	SSF x LoA	-9,31813707	-0,092	0,304
CHR6	14650370	CHR6:14650370	SSF x LoA	-8,74643156	-0,117	0,311
CHR6	14650434	CHR6:14650434	SSF x LoA	-11,8811304	0,005	0,300
CHR6	14650437	CHR6:14650437	SSF x LoA	-10,7819662	0,001	0,305
CHR6	14650448	CHR6:14650448	SSF x LoA	-11,8087127	-0,016	0,302
CHR6	14650454	CHR6:14650454	SSF x LoA	-5,6428497	0,027	0,305
CHR6	14650463	CHR6:14650463	SSF x LoA	-11,1376274	0,068	0,318
CHR6	14650470	CHR6:14650470	SSF x LoA	-11,1121148	0,001	0,305
CHR6	14650606	CHR6:14650606	SSF x LoA	-9,51101212	-0,035	0,316
CHR6	1465472	CHR6:1465472	SSF x LoA	-8,45741106	-0,062	0,304
CHR6	1465476	CHR6:1465476	SSF x LoA	-6,92744867	0,081	0,315
CHR6	14656723	CHR6:14656723	SSF x LoA	-5,02328162	0,149	0,313
CHR6	14657793	CHR6:14657793	SSF x LoA	-6,27324328	0,103	0,317
CHR6	14657794	CHR6:14657794	SSF x LoA	-7,28745687	0,113	0,308
CHR6	14657859	CHR6:14657859	SSF x LoA	-7,29149245	-0,111	0,300
CHR6	14657882	CHR6:14657882	SSF x LoA	-9,50609052	0,025	0,309
CHR6	14657941	CHR6:14657941	SSF x LoA	-5,99461766	0,206	0,292
CHR6	14657970	CHR6:14657970	SSF x LoA	-10,8727859	0,056	0,310
CHR6	14657982	CHR6:14657982	SSF x LoA	0,21787375	0,173	0,306
CHR6	14658023	CHR6:14658023	SSF x LoA	-4,9972	0,191	0,303
CHR6	14661128	CHR6:14661128	SSF x LoA	-5,88527712	-0,143	0,293
CHR6	14661205	CHR6:14661205	SSF x LoA	-9,75538244	-0,033	0,299
CHR6	14666569	CHR6:14666569	SSF x LoA	-9,3635591	0,022	0,301
CHR6	14666573	CHR6:14666573	SSF x LoA	-10,1944582	-0,054	0,300
CHR6	14666590	CHR6:14666590	SSF x LoA	-11,4757529	0,077	0,311
CHR6	14666621	CHR6:14666621	SSF x LoA	-8,71323902	0,013	0,312
CHR6	14666622	CHR6:14666622	SSF x LoA	-8,97465762	-0,107	0,306
CHR6	14666626	CHR6:14666626	SSF x LoA	-9,24855668	0,084	0,314
CHR6	14666667	CHR6:14666667	SSF x LoA	-10,0506946	0,108	0,315
CHR6	14670131	CHR6:14670131	SSF x LoA	-9,77855968	-0,089	0,303
CHR6	14684072	CHR6:14684072	SSF x LoA	-9,16012275	0,055	0,310
CHR6	14688865	CHR6:14688865	SSF x LoA	-3,18123165	0,123	0,324
CHR6	14688899	CHR6:14688899	SSF x LoA	-7,52193313	0,160	0,310
CHR6	14689047	CHR6:14689047	SSF x LoA	-8,99811839	-0,075	0,310
CHR6	14689071	CHR6:14689071	SSF x LoA	-9,63645835	0,064	0,306
CHR6	14693872	CHR6:14693872	SSF x LoA	-7,17819357	-0,019	0,320
CHR6	14693879	CHR6:14693879	SSF x LoA	-9,36071245	-0,005	0,307
CHR6	14693897	CHR6:14693897	SSF x LoA	-11,1395919	0,021	0,313
CHR6	14694065	CHR6:14694065	SSF x LoA	-8,36081599	0,050	0,302
CHR6	14694085	CHR6:14694085	SSF x LoA	-10,8927094	-0,052	0,311
CHR6	14694116	CHR6:14694116	SSF x LoA	-11,3922072	-0,058	0,297
CHR6	14694144	CHR6:14694144	SSF x LoA	-8,66976027	-0,074	0,320
CHR6	14694153	CHR6:14694153	SSF x LoA	-6,1827101	-0,111	0,312
CHR6	14694174	CHR6:14694174	SSF x LoA	-9,99751761	-0,120	0,306
CHR6	14700480	CHR6:14700480	SSF x LoA	-11,1985207	0,021	0,298
CHR6	14700494	CHR6:14700494	SSF x LoA	-6,14438633	-0,212	0,300
CHR6	14700581	CHR6:14700581	SSF x LoA	-11,5257913	0,032	0,302
CHR6	14700587	CHR6:14700587	SSF x LoA	-9,461334	0,045	0,308

CHR6	14700593	CHR6:14700593	SSF x LoA	-9,04236398	0,051	0,313
CHR6	14741581	CHR6:14741581	SSF x LoA	-8,11658414	-0,031	0,326
CHR6	14741586	CHR6:14741586	SSF x LoA	-3,51189148	0,040	0,303
CHR6	14741598	CHR6:14741598	SSF x LoA	-11,1324885	0,018	0,315
CHR6	14741670	CHR6:14741670	SSF x LoA	-8,9795899	-0,014	0,316
CHR6	14741671	CHR6:14741671	SSF x LoA	-8,90798891	0,013	0,320
CHR6	14741720	CHR6:14741720	SSF x LoA	-8,5618595	0,091	0,312
CHR6	14741781	CHR6:14741781	SSF x LoA	-10,6116912	-0,015	0,311
CHR6	14741821	CHR6:14741821	SSF x LoA	-8,09355583	0,048	0,306
CHR6	14745834	CHR6:14745834	SSF x LoA	-6,90146367	-0,101	0,285
CHR6	14745835	CHR6:14745835	SSF x LoA	-8,95083548	-0,077	0,297
CHR6	14745865	CHR6:14745865	SSF x LoA	-6,84483855	0,078	0,317
CHR6	14745877	CHR6:14745877	SSF x LoA	-10,1156824	-0,034	0,312
CHR6	14750970	CHR6:14750970	SSF x LoA	-8,46251163	-0,139	0,290
CHR6	14751025	CHR6:14751025	SSF x LoA	-7,29163188	-0,076	0,304
CHR6	14751042	CHR6:14751042	SSF x LoA	-11,9360719	0,056	0,296
CHR6	1475973	CHR6:1475973	SSF x LoA	-8,71784412	0,083	0,313
CHR6	1475977	CHR6:1475977	SSF x LoA	-3,56676345	-0,110	0,306
CHR6	1476030	CHR6:1476030	SSF x LoA	-7,87412843	0,003	0,299
CHR6	1476082	CHR6:1476082	SSF x LoA	-9,18035167	0,006	0,318
CHR6	1476090	CHR6:1476090	SSF x LoA	-9,47825385	0,066	0,302
CHR6	1476135	CHR6:1476135	SSF x LoA	-8,18870995	-0,005	0,303
CHR6	1476137	CHR6:1476137	SSF x LoA	-1,30104304	0,152	0,289
CHR6	14770159	CHR6:14770159	SSF x LoA	-8,66783784	0,012	0,324
CHR6	14770257	CHR6:14770257	SSF x LoA	-10,0387566	0,020	0,306
CHR6	14770261	CHR6:14770261	SSF x LoA	-8,81601711	0,028	0,306
CHR6	14770282	CHR6:14770282	SSF x LoA	-8,71453315	0,016	0,318
CHR6	14770343	CHR6:14770343	SSF x LoA	-8,86375273	0,003	0,310
CHR6	14770344	CHR6:14770344	SSF x LoA	-9,41230082	0,066	0,312
CHR6	1478628	CHR6:1478628	SSF x LoA	-9,13171501	0,144	0,300
CHR6	14791678	CHR6:14791678	SSF x LoA	-6,64932336	-0,055	0,303
CHR6	14791797	CHR6:14791797	SSF x LoA	-7,45025554	-0,060	0,310
CHR6	14791917	CHR6:14791917	SSF x LoA	-10,750905	-0,020	0,308
CHR6	14794016	CHR6:14794016	SSF x LoA	-11,3484295	-0,039	0,318
CHR6	14805715	CHR6:14805715	SSF x LoA	-7,31142704	-0,142	0,298
CHR6	14805743	CHR6:14805743	SSF x LoA	-9,18504087	-0,084	0,318
CHR6	14805766	CHR6:14805766	SSF x LoA	-10,1449655	-0,068	0,309
CHR6	14813510	CHR6:14813510	SSF x LoA	-7,81895621	-0,159	0,301
CHR6	14813599	CHR6:14813599	SSF x LoA	-5,41334709	-0,122	0,314
CHR6	14813623	CHR6:14813623	SSF x LoA	-9,35686211	-0,042	0,313
CHR6	14813641	CHR6:14813641	SSF x LoA	-6,27187567	-0,134	0,302
CHR6	14813649	CHR6:14813649	SSF x LoA	-5,36236256	0,174	0,295
CHR6	14813729	CHR6:14813729	SSF x LoA	-9,16710057	-0,001	0,313
CHR6	14813742	CHR6:14813742	SSF x LoA	-9,15735145	0,012	0,310
CHR6	1481897	CHR6:1481897	SSF x LoA	-10,7873169	-0,051	0,312
CHR6	1481901	CHR6:1481901	SSF x LoA	-9,11043129	-0,162	0,312
CHR6	1482008	CHR6:1482008	SSF x LoA	-10,2349956	0,033	0,302
CHR6	14826953	CHR6:14826953	SSF x LoA	-11,5410285	0,076	0,304
CHR6	14826964	CHR6:14826964	SSF x LoA	-11,0751986	0,069	0,306
CHR6	14827067	CHR6:14827067	SSF x LoA	-11,767267	0,059	0,297
CHR6	14827133	CHR6:14827133	SSF x LoA	-11,4733664	0,072	0,308
CHR6	14827153	CHR6:14827153	SSF x LoA	-9,90864607	0,071	0,300
CHR6	14827157	CHR6:14827157	SSF x LoA	-6,47359804	-0,141	0,305

CHR6	14827178	CHR6:14827178	SSF x LoA	-8,21302656	0,193	0,292
CHR6	14827230	CHR6:14827230	SSF x LoA	-7,54654078	-0,122	0,311
CHR6	14827241	CHR6:14827241	SSF x LoA	-6,72151578	-0,132	0,301
CHR6	14834792	CHR6:14834792	SSF x LoA	-9,57506392	-0,027	0,321
CHR6	14834862	CHR6:14834862	SSF x LoA	-10,8818192	0,033	0,309
CHR6	14834863	CHR6:14834863	SSF x LoA	-9,41797364	0,056	0,308
CHR6	14842018	CHR6:14842018	SSF x LoA	-8,41387467	0,064	0,305
CHR6	14842022	CHR6:14842022	SSF x LoA	-7,50688576	-0,037	0,307
CHR6	14842075	CHR6:14842075	SSF x LoA	-11,4757207	0,023	0,313
CHR6	14842173	CHR6:14842173	SSF x LoA	-9,66112223	-0,061	0,317
CHR6	14842181	CHR6:14842181	SSF x LoA	-10,3202455	0,011	0,311
CHR6	14842249	CHR6:14842249	SSF x LoA	-9,71120531	-0,026	0,307
CHR6	14842275	CHR6:14842275	SSF x LoA	-10,4383824	-0,047	0,319
CHR6	14845750	CHR6:14845750	SSF x LoA	-8,93447228	-0,046	0,307
CHR6	14845905	CHR6:14845905	SSF x LoA	-11,2733246	-0,016	0,318
CHR6	14859380	CHR6:14859380	SSF x LoA	-11,1137701	0,132	0,307
CHR6	14860291	CHR6:14860291	SSF x LoA	-4,87836263	0,127	0,297
CHR6	14860301	CHR6:14860301	SSF x LoA	-5,09793717	-0,027	0,327
CHR6	14868877	CHR6:14868877	SSF x LoA	-9,69091198	-0,033	0,331
CHR6	14869116	CHR6:14869116	SSF x LoA	-9,65300569	-0,006	0,302
CHR6	14895055	CHR6:14895055	SSF x LoA	-9,41002935	0,062	0,312
CHR6	14895189	CHR6:14895189	SSF x LoA	-9,37960452	0,052	0,305
CHR6	14896891	CHR6:14896891	SSF x LoA	-11,6790549	0,000	0,304
CHR6	14896928	CHR6:14896928	SSF x LoA	-10,9980793	-0,018	0,308
CHR6	14896930	CHR6:14896930	SSF x LoA	-8,26411487	-0,005	0,306
CHR6	14896938	CHR6:14896938	SSF x LoA	-6,83758586	-0,030	0,293
CHR6	14896953	CHR6:14896953	SSF x LoA	-10,0745787	0,095	0,293
CHR6	14901077	CHR6:14901077	SSF x LoA	-10,2049573	0,014	0,303
CHR6	14901137	CHR6:14901137	SSF x LoA	-8,76710493	-0,041	0,313
CHR6	14922151	CHR6:14922151	SSF x LoA	-10,1908164	0,017	0,289
CHR6	14922171	CHR6:14922171	SSF x LoA	-7,8249267	0,049	0,304
CHR6	14922186	CHR6:14922186	SSF x LoA	-6,20247115	0,101	0,301
CHR6	14922213	CHR6:14922213	SSF x LoA	-8,75424191	0,080	0,300
CHR6	14922237	CHR6:14922237	SSF x LoA	-8,77380506	0,079	0,293
CHR6	14926393	CHR6:14926393	SSF x LoA	-6,22571961	-0,068	0,316
CHR6	14926466	CHR6:14926466	SSF x LoA	-8,01893865	0,014	0,316
CHR6	14929027	CHR6:14929027	SSF x LoA	-11,1543457	0,046	0,316
CHR6	14929225	CHR6:14929225	SSF x LoA	-7,74510913	-0,134	0,299
CHR6	14929228	CHR6:14929228	SSF x LoA	-8,62179629	-0,004	0,314
CHR6	1494461	CHR6:1494461	SSF x LoA	-1,65408391	-0,232	0,292
CHR6	1494466	CHR6:1494466	SSF x LoA	-10,4968751	-0,113	0,304
CHR6	1494508	CHR6:1494508	SSF x LoA	-8,04492647	-0,048	0,299
CHR6	1494704	CHR6:1494704	SSF x LoA	-8,07447559	-0,087	0,305
CHR6	14968468	CHR6:14968468	SSF x LoA	-8,7764608	0,029	0,306
CHR6	14968593	CHR6:14968593	SSF x LoA	-8,84876368	0,034	0,295
CHR6	14971161	CHR6:14971161	SSF x LoA	-8,71443277	0,092	0,303
CHR6	14971247	CHR6:14971247	SSF x LoA	-7,30463014	0,115	0,301
CHR6	14975254	CHR6:14975254	SSF x LoA	-8,91236887	0,034	0,305
CHR6	14975257	CHR6:14975257	SSF x LoA	-8,00479622	-0,032	0,312
CHR6	14975272	CHR6:14975272	SSF x LoA	-8,4947244	-0,032	0,312
CHR6	14975274	CHR6:14975274	SSF x LoA	-11,6947016	-0,032	0,311
CHR6	14975280	CHR6:14975280	SSF x LoA	-8,34725061	-0,014	0,309
CHR6	14975302	CHR6:14975302	SSF x LoA	-8,82075822	0,030	0,308

CHR6	14975349	CHR6:14975349	SSF x LoA	-11,8648515	0,006	0,308
CHR6	1499716	CHR6:1499716	SSF x LoA	-9,5557946	0,003	0,330
CHR6	1499732	CHR6:1499732	SSF x LoA	-7,75942028	0,009	0,312
CHR6	15011969	CHR6:15011969	SSF x LoA	-9,6305263	0,065	0,320
CHR6	15012180	CHR6:15012180	SSF x LoA	-9,59548044	-0,058	0,323
CHR6	15023041	CHR6:15023041	SSF x LoA	-4,71077698	-0,060	0,317
CHR6	15026491	CHR6:15026491	SSF x LoA	-10,6396065	-0,021	0,318
CHR6	15036529	CHR6:15036529	SSF x LoA	-11,89971	0,036	0,306
CHR6	15036533	CHR6:15036533	SSF x LoA	-8,1977875	0,046	0,311
CHR6	15036543	CHR6:15036543	SSF x LoA	-11,0467849	-0,047	0,295
CHR6	15036561	CHR6:15036561	SSF x LoA	-10,3607087	-0,069	0,311
CHR6	15036628	CHR6:15036628	SSF x LoA	-8,26489391	-0,038	0,311
CHR6	15036714	CHR6:15036714	SSF x LoA	-9,1223721	-0,054	0,296
CHR6	15036747	CHR6:15036747	SSF x LoA	-10,1684598	0,007	0,311
CHR6	15040639	CHR6:15040639	SSF x LoA	-8,68777502	-0,016	0,307
CHR6	15040723	CHR6:15040723	SSF x LoA	-9,12654309	0,024	0,323
CHR6	15044314	CHR6:15044314	SSF x LoA	-11,8858631	-0,032	0,305
CHR6	15044324	CHR6:15044324	SSF x LoA	-11,6250137	0,027	0,297
CHR6	15045590	CHR6:15045590	SSF x LoA	-7,29138657	-0,002	0,310
CHR6	15045632	CHR6:15045632	SSF x LoA	-8,38363599	0,090	0,309
CHR6	15065653	CHR6:15065653	SSF x LoA	-10,4349924	0,058	0,298
CHR6	15065654	CHR6:15065654	SSF x LoA	-9,97551472	0,059	0,302
CHR6	15065781	CHR6:15065781	SSF x LoA	-11,0907855	-0,022	0,304
CHR6	1507137	CHR6:1507137	SSF x LoA	-9,90026493	0,014	0,306
CHR6	15082109	CHR6:15082109	SSF x LoA	-7,94427249	-0,081	0,310
CHR6	15109007	CHR6:15109007	SSF x LoA	-7,48731697	-0,134	0,302
CHR6	15110310	CHR6:15110310	SSF x LoA	-8,81421677	0,071	0,319
CHR6	15111878	CHR6:15111878	SSF x LoA	-10,1802341	-0,105	0,300
CHR6	15111883	CHR6:15111883	SSF x LoA	-10,1107052	-0,081	0,312
CHR6	15114662	CHR6:15114662	SSF x LoA	-9,84273922	-0,066	0,310
CHR6	15114761	CHR6:15114761	SSF x LoA	-6,18411825	0,139	0,298
CHR6	15115421	CHR6:15115421	SSF x LoA	-7,7813433	0,117	0,293
CHR6	15130094	CHR6:15130094	SSF x LoA	-8,93990089	-0,064	0,320
CHR6	15130157	CHR6:15130157	SSF x LoA	-8,23826295	-0,059	0,311
CHR6	15130174	CHR6:15130174	SSF x LoA	4,94792039	0,103	0,311
CHR6	15130206	CHR6:15130206	SSF x LoA	-9,25849191	-0,086	0,306
CHR6	15130209	CHR6:15130209	SSF x LoA	-7,26985808	-0,104	0,315
CHR6	15136877	CHR6:15136877	SSF x LoA	-6,95803223	-0,166	0,285
CHR6	15136934	CHR6:15136934	SSF x LoA	-9,35249872	-0,047	0,315
CHR6	1513825	CHR6:1513825	SSF x LoA	-10,7023936	0,092	0,308
CHR6	1513843	CHR6:1513843	SSF x LoA	-8,84866642	0,008	0,319
CHR6	15139098	CHR6:15139098	SSF x LoA	3,19494512	0,126	0,289
CHR6	15147151	CHR6:15147151	SSF x LoA	-6,54333514	0,188	0,300
CHR6	15147195	CHR6:15147195	SSF x LoA	-2,62560638	0,219	0,292
CHR6	15147229	CHR6:15147229	SSF x LoA	-11,2593505	0,020	0,310
CHR6	15147258	CHR6:15147258	SSF x LoA	-8,23399008	0,154	0,292
CHR6	15147274	CHR6:15147274	SSF x LoA	-6,33810489	0,170	0,289
CHR6	15149641	CHR6:15149641	SSF x LoA	-10,3850619	-0,121	0,303
CHR6	15149654	CHR6:15149654	SSF x LoA	-10,1435848	-0,114	0,307
CHR6	15149657	CHR6:15149657	SSF x LoA	-9,23612056	0,009	0,306
CHR6	15149753	CHR6:15149753	SSF x LoA	-9,91944073	0,068	0,304
CHR6	15149805	CHR6:15149805	SSF x LoA	-6,9287697	0,038	0,300
CHR6	15154379	CHR6:15154379	SSF x LoA	-10,830153	-0,084	0,313

CHR6	15159849	CHR6:15159849	SSF x LoA	-9,06394043	0,003	0,307
CHR6	15159948	CHR6:15159948	SSF x LoA	-11,1159491	-0,043	0,295
CHR6	15160032	CHR6:15160032	SSF x LoA	-6,84501372	0,137	0,304
CHR6	15160067	CHR6:15160067	SSF x LoA	-8,61919609	-0,036	0,318
CHR6	15170691	CHR6:15170691	SSF x LoA	-8,71582681	0,001	0,307
CHR6	15170695	CHR6:15170695	SSF x LoA	-6,98017952	0,129	0,318
CHR6	15170723	CHR6:15170723	SSF x LoA	-9,14369938	-0,018	0,306
CHR6	15170804	CHR6:15170804	SSF x LoA	-9,91435744	0,055	0,303
CHR6	15179651	CHR6:15179651	SSF x LoA	-5,51455208	0,126	0,311
CHR6	15179657	CHR6:15179657	SSF x LoA	-8,33060949	0,017	0,327
CHR6	15179662	CHR6:15179662	SSF x LoA	-9,64375185	-0,100	0,282
CHR6	15179704	CHR6:15179704	SSF x LoA	-5,22106586	0,124	0,295
CHR6	15179727	CHR6:15179727	SSF x LoA	-9,2135197	-0,062	0,300
CHR6	15179737	CHR6:15179737	SSF x LoA	-10,8721417	0,016	0,307
CHR6	15179746	CHR6:15179746	SSF x LoA	-9,82503687	0,010	0,319
CHR6	15179756	CHR6:15179756	SSF x LoA	-10,6154293	-0,004	0,315
CHR6	15179758	CHR6:15179758	SSF x LoA	-7,59565204	-0,059	0,310
CHR6	15179766	CHR6:15179766	SSF x LoA	-10,6546271	-0,118	0,304
CHR6	15191852	CHR6:15191852	SSF x LoA	-9,07579135	-0,078	0,314
CHR6	15191977	CHR6:15191977	SSF x LoA	-10,1512474	-0,013	0,304
CHR6	15197227	CHR6:15197227	SSF x LoA	-10,8803864	-0,033	0,312
CHR6	15210802	CHR6:15210802	SSF x LoA	-9,38200798	0,039	0,310
CHR6	15210837	CHR6:15210837	SSF x LoA	-9,61697142	0,034	0,292
CHR6	15210842	CHR6:15210842	SSF x LoA	-11,440927	0,064	0,305
CHR6	15210883	CHR6:15210883	SSF x LoA	-9,71842329	0,029	0,295
CHR6	15210899	CHR6:15210899	SSF x LoA	-6,85530158	0,046	0,309
CHR6	15241979	CHR6:15241979	SSF x LoA	-7,95087844	-0,136	0,296
CHR6	15242044	CHR6:15242044	SSF x LoA	-9,39868582	-0,069	0,311
CHR6	15249070	CHR6:15249070	SSF x LoA	-10,7421933	0,032	0,313
CHR6	15249147	CHR6:15249147	SSF x LoA	-9,16249912	-0,089	0,313
CHR6	15261550	CHR6:15261550	SSF x LoA	-7,78710932	-0,098	0,290
CHR6	15261591	CHR6:15261591	SSF x LoA	-8,92465822	0,045	0,296
CHR6	15261647	CHR6:15261647	SSF x LoA	-10,3286191	0,025	0,314
CHR6	15274677	CHR6:15274677	SSF x LoA	-10,3028118	0,060	0,296
CHR6	15278361	CHR6:15278361	SSF x LoA	-10,7548908	-0,030	0,301
CHR6	15283023	CHR6:15283023	SSF x LoA	-11,2131843	-0,034	0,298
CHR6	15296821	CHR6:15296821	SSF x LoA	-4,69894177	-0,090	0,317
CHR6	15296852	CHR6:15296852	SSF x LoA	-4,96803173	-0,154	0,277
CHR6	15296860	CHR6:15296860	SSF x LoA	-5,36931955	-0,208	0,278
CHR6	15296862	CHR6:15296862	SSF x LoA	-6,52592444	-0,208	0,279
CHR6	15296866	CHR6:15296866	SSF x LoA	-4,90276546	-0,176	0,276
CHR6	15296909	CHR6:15296909	SSF x LoA	-8,40154902	-0,103	0,317
CHR6	15296916	CHR6:15296916	SSF x LoA	-3,45674067	-0,205	0,275
CHR6	15317193	CHR6:15317193	SSF x LoA	-6,06299086	-0,107	0,311
CHR6	15317245	CHR6:15317245	SSF x LoA	-11,4810158	0,006	0,312
CHR6	15317408	CHR6:15317408	SSF x LoA	-9,12652201	0,169	0,311
CHR6	153213	CHR6:153213	SSF x LoA	-10,9651417	-0,045	0,308
CHR6	1532247	CHR6:1532247	SSF x LoA	-8,15766119	0,118	0,290
CHR6	1532410	CHR6:1532410	SSF x LoA	-8,5924131	0,096	0,304
CHR6	15326453	CHR6:15326453	SSF x LoA	-10,5044913	0,027	0,302
CHR6	15326639	CHR6:15326639	SSF x LoA	-10,9310301	-0,025	0,308
CHR6	15326735	CHR6:15326735	SSF x LoA	-10,2696555	0,032	0,314
CHR6	15329281	CHR6:15329281	SSF x LoA	-8,9723806	-0,089	0,306

CHR6	15329282	CHR6:15329282	SSF x LoA	-10,5878935	-0,080	0,303
CHR6	15329286	CHR6:15329286	SSF x LoA	-1,03493238	0,096	0,330
CHR6	15329396	CHR6:15329396	SSF x LoA	-8,02649088	0,124	0,313
CHR6	15332830	CHR6:15332830	SSF x LoA	-10,6780609	-0,005	0,307
CHR6	15332861	CHR6:15332861	SSF x LoA	-9,09714234	0,074	0,323
CHR6	15332862	CHR6:15332862	SSF x LoA	-10,7554346	0,107	0,320
CHR6	15332869	CHR6:15332869	SSF x LoA	-11,1229435	0,074	0,319
CHR6	15332875	CHR6:15332875	SSF x LoA	-8,68898582	0,059	0,320
CHR6	15332915	CHR6:15332915	SSF x LoA	-10,368472	-0,013	0,312
CHR6	15332924	CHR6:15332924	SSF x LoA	-9,55502425	0,030	0,308
CHR6	15333422	CHR6:15333422	SSF x LoA	-8,68079932	0,077	0,304
CHR6	15333497	CHR6:15333497	SSF x LoA	-8,34156892	0,013	0,304
CHR6	15333498	CHR6:15333498	SSF x LoA	-7,73763446	0,042	0,308
CHR6	15333505	CHR6:15333505	SSF x LoA	-1,20131253	0,020	0,311
CHR6	15333506	CHR6:15333506	SSF x LoA	-9,00962354	0,001	0,315
CHR6	15333510	CHR6:15333510	SSF x LoA	-7,65666109	0,007	0,312
CHR6	15333512	CHR6:15333512	SSF x LoA	-9,12829084	0,039	0,300
CHR6	15333513	CHR6:15333513	SSF x LoA	-9,48511862	-0,060	0,310
CHR6	15333514	CHR6:15333514	SSF x LoA	-9,16225196	-0,048	0,307
CHR6	15333520	CHR6:15333520	SSF x LoA	-8,50670533	0,007	0,313
CHR6	15333525	CHR6:15333525	SSF x LoA	-10,3240217	0,092	0,309
CHR6	15333540	CHR6:15333540	SSF x LoA	-10,189751	-0,031	0,305
CHR6	15333546	CHR6:15333546	SSF x LoA	-7,86875223	-0,117	0,313
CHR6	15335265	CHR6:15335265	SSF x LoA	-9,28785175	0,074	0,298
CHR6	15335387	CHR6:15335387	SSF x LoA	-1,91287686	0,121	0,292
CHR6	15335442	CHR6:15335442	SSF x LoA	-8,14070286	0,056	0,317
CHR6	15335465	CHR6:15335465	SSF x LoA	-11,8478484	-0,085	0,299
CHR6	15335501	CHR6:15335501	SSF x LoA	-10,276641	0,052	0,317
CHR6	15344179	CHR6:15344179	SSF x LoA	-10,3557152	0,020	0,316
CHR6	15344255	CHR6:15344255	SSF x LoA	-11,0861632	-0,006	0,305
CHR6	15344272	CHR6:15344272	SSF x LoA	-7,48190883	0,096	0,304
CHR6	15344296	CHR6:15344296	SSF x LoA	-9,53174591	-0,068	0,314
CHR6	15344329	CHR6:15344329	SSF x LoA	-7,32117418	-0,148	0,299
CHR6	15344353	CHR6:15344353	SSF x LoA	-7,23243411	-0,146	0,302
CHR6	15344372	CHR6:15344372	SSF x LoA	-9,85626816	0,028	0,304
CHR6	15344392	CHR6:15344392	SSF x LoA	-9,70818178	0,077	0,308
CHR6	15344399	CHR6:15344399	SSF x LoA	-9,08630127	0,053	0,315
CHR6	15344470	CHR6:15344470	SSF x LoA	-9,38330375	-0,069	0,309
CHR6	15344475	CHR6:15344475	SSF x LoA	-9,37421962	0,071	0,300
CHR6	15344499	CHR6:15344499	SSF x LoA	-9,27489738	-0,055	0,306
CHR6	15348183	CHR6:15348183	SSF x LoA	-9,57790505	0,016	0,301
CHR6	15348184	CHR6:15348184	SSF x LoA	-8,1357225	0,030	0,304
CHR6	15348185	CHR6:15348185	SSF x LoA	-6,92808424	0,093	0,315
CHR6	15351227	CHR6:15351227	SSF x LoA	-10,8567879	-0,082	0,301
CHR6	15352294	CHR6:15352294	SSF x LoA	-5,4665668	0,112	0,319
CHR6	15352407	CHR6:15352407	SSF x LoA	-10,6231374	0,012	0,302
CHR6	15352558	CHR6:15352558	SSF x LoA	-10,5756503	0,011	0,302
CHR6	1535537	CHR6:1535537	SSF x LoA	-8,18476727	-0,107	0,302
CHR6	1535543	CHR6:1535543	SSF x LoA	-9,33482706	-0,028	0,308
CHR6	1535679	CHR6:1535679	SSF x LoA	-11,269244	-0,086	0,314
CHR6	15373049	CHR6:15373049	SSF x LoA	-7,87385857	-0,016	0,323
CHR6	15373057	CHR6:15373057	SSF x LoA	-7,75254428	-0,100	0,300
CHR6	15373064	CHR6:15373064	SSF x LoA	-10,8298949	-0,101	0,307

CHR6	15373071	CHR6:15373071	SSF x LoA	-9,5777033	0,069	0,306
CHR6	15373090	CHR6:15373090	SSF x LoA	-9,99605371	0,069	0,303
CHR6	15373154	CHR6:15373154	SSF x LoA	-9,60358276	0,015	0,289
CHR6	15373171	CHR6:15373171	SSF x LoA	-9,88600774	0,029	0,307
CHR6	15373177	CHR6:15373177	SSF x LoA	-8,67036744	-0,037	0,302
CHR6	15375281	CHR6:15375281	SSF x LoA	-8,8031829	-0,014	0,317
CHR6	15375409	CHR6:15375409	SSF x LoA	-7,49536353	-0,103	0,295
CHR6	15375457	CHR6:15375457	SSF x LoA	-9,729352	-0,020	0,314
CHR6	15375474	CHR6:15375474	SSF x LoA	-6,97540471	-0,026	0,306
CHR6	15375519	CHR6:15375519	SSF x LoA	-8,11592761	0,095	0,289
CHR6	15385141	CHR6:15385141	SSF x LoA	-10,7599692	-0,004	0,316
CHR6	15385181	CHR6:15385181	SSF x LoA	-10,0354905	0,041	0,304
CHR6	1541065	CHR6:1541065	SSF x LoA	-9,66260881	0,027	0,332
CHR6	1541096	CHR6:1541096	SSF x LoA	-8,18432525	0,050	0,314
CHR6	1541150	CHR6:1541150	SSF x LoA	-6,16043645	0,144	0,304
CHR6	15411668	CHR6:15411668	SSF x LoA	-7,25045357	0,135	0,305
CHR6	15411814	CHR6:15411814	SSF x LoA	-8,37751178	-0,105	0,297
CHR6	1541191	CHR6:1541191	SSF x LoA	-7,9324469	-0,079	0,314
CHR6	15411920	CHR6:15411920	SSF x LoA	-10,5900241	0,015	0,307
CHR6	1541249	CHR6:1541249	SSF x LoA	-11,4756437	0,042	0,309
CHR6	1541266	CHR6:1541266	SSF x LoA	-8,83031618	-0,039	0,318
CHR6	1541274	CHR6:1541274	SSF x LoA	-8,72452906	0,093	0,311
CHR6	15418283	CHR6:15418283	SSF x LoA	-8,63366382	0,002	0,315
CHR6	15418320	CHR6:15418320	SSF x LoA	-12,3250579	0,003	0,310
CHR6	15425762	CHR6:15425762	SSF x LoA	-11,0093728	0,023	0,303
CHR6	15446868	CHR6:15446868	SSF x LoA	-12,2215981	-0,051	0,309
CHR6	15446897	CHR6:15446897	SSF x LoA	-9,50257173	0,122	0,302
CHR6	15446906	CHR6:15446906	SSF x LoA	-10,1860266	0,142	0,300
CHR6	15446914	CHR6:15446914	SSF x LoA	-8,40298671	0,082	0,314
CHR6	15446918	CHR6:15446918	SSF x LoA	-10,4977405	-0,037	0,308
CHR6	15446956	CHR6:15446956	SSF x LoA	-8,82617251	0,059	0,303
CHR6	15462167	CHR6:15462167	SSF x LoA	-8,56217604	-0,107	0,312
CHR6	15462193	CHR6:15462193	SSF x LoA	-10,4289522	0,078	0,310
CHR6	15462235	CHR6:15462235	SSF x LoA	-10,0155337	-0,049	0,310
CHR6	15462291	CHR6:15462291	SSF x LoA	-5,82113598	-0,148	0,308
CHR6	15462324	CHR6:15462324	SSF x LoA	-8,54979372	0,048	0,304
CHR6	15462362	CHR6:15462362	SSF x LoA	-8,91380324	-0,036	0,303
CHR6	15462407	CHR6:15462407	SSF x LoA	-6,83511832	-0,146	0,305
CHR6	15462456	CHR6:15462456	SSF x LoA	-9,23248375	0,050	0,303
CHR6	15471719	CHR6:15471719	SSF x LoA	-11,794303	-0,035	0,310
CHR6	15482154	CHR6:15482154	SSF x LoA	-11,2835205	0,005	0,312
CHR6	15491095	CHR6:15491095	SSF x LoA	-9,53105279	-0,094	0,302
CHR6	15491140	CHR6:15491140	SSF x LoA	-8,40220945	-0,050	0,307
CHR6	15491166	CHR6:15491166	SSF x LoA	-10,516028	0,011	0,301
CHR6	15491215	CHR6:15491215	SSF x LoA	-9,15268286	-0,072	0,292
CHR6	15528665	CHR6:15528665	SSF x LoA	-7,97096395	0,039	0,322
CHR6	15528740	CHR6:15528740	SSF x LoA	-8,37127222	0,029	0,322
CHR6	15528761	CHR6:15528761	SSF x LoA	-8,63566246	-0,009	0,311
CHR6	1552893	CHR6:1552893	SSF x LoA	-9,06495894	0,130	0,293
CHR6	1552894	CHR6:1552894	SSF x LoA	-2,64898241	0,131	0,294
CHR6	1552946	CHR6:1552946	SSF x LoA	-8,28781494	-0,009	0,315
CHR6	1552978	CHR6:1552978	SSF x LoA	-7,97336501	-0,076	0,305
CHR6	1552982	CHR6:1552982	SSF x LoA	-9,1170957	-0,021	0,323

CHR6	1553047	CHR6:1553047	SSF x LoA	-7,13902269	-0,097	0,314
CHR6	1553146	CHR6:1553146	SSF x LoA	-6,79958909	-0,077	0,314
CHR6	15550270	CHR6:15550270	SSF x LoA	-11,0115718	-0,055	0,295
CHR6	15550391	CHR6:15550391	SSF x LoA	-8,96716911	-0,117	0,310
CHR6	15560062	CHR6:15560062	SSF x LoA	-7,07834205	-0,144	0,313
CHR6	15566673	CHR6:15566673	SSF x LoA	-1,28602974	-0,067	0,316
CHR6	15566760	CHR6:15566760	SSF x LoA	-9,25506123	0,025	0,297
CHR6	15585937	CHR6:15585937	SSF x LoA	-9,85651189	0,060	0,320
CHR6	15586003	CHR6:15586003	SSF x LoA	-8,13520042	-0,030	0,298
CHR6	15588277	CHR6:15588277	SSF x LoA	-9,55206642	0,065	0,302
CHR6	15605789	CHR6:15605789	SSF x LoA	-11,0677762	0,012	0,317
CHR6	15605845	CHR6:15605845	SSF x LoA	-10,5027194	-0,043	0,313
CHR6	15605867	CHR6:15605867	SSF x LoA	-8,7317959	0,073	0,299
CHR6	15612706	CHR6:15612706	SSF x LoA	-8,31705226	-0,140	0,303
CHR6	15612767	CHR6:15612767	SSF x LoA	-10,618071	0,032	0,308
CHR6	15612788	CHR6:15612788	SSF x LoA	-7,83217884	0,146	0,289
CHR6	15631712	CHR6:15631712	SSF x LoA	-6,52470985	0,063	0,312
CHR6	15631884	CHR6:15631884	SSF x LoA	-10,2040554	-0,074	0,318
CHR6	15635646	CHR6:15635646	SSF x LoA	-7,62720982	0,108	0,297
CHR6	1563983	CHR6:1563983	SSF x LoA	-10,0977276	0,039	0,306
CHR6	1564020	CHR6:1564020	SSF x LoA	-11,5440816	-0,018	0,312
CHR6	1564099	CHR6:1564099	SSF x LoA	-7,12341928	-0,040	0,315
CHR6	1564151	CHR6:1564151	SSF x LoA	-6,91072368	-0,124	0,299
CHR6	15660285	CHR6:15660285	SSF x LoA	-5,96540157	0,018	0,317
CHR6	1566316	CHR6:1566316	SSF x LoA	-11,8312859	-0,027	0,308
CHR6	1566319	CHR6:1566319	SSF x LoA	-6,53590792	0,076	0,314
CHR6	1566320	CHR6:1566320	SSF x LoA	-10,6245737	-0,023	0,292
CHR6	1566391	CHR6:1566391	SSF x LoA	-10,5674976	0,020	0,291
CHR6	15665622	CHR6:15665622	SSF x LoA	-8,601622	0,056	0,303
CHR6	15665773	CHR6:15665773	SSF x LoA	-10,8647491	-0,073	0,297
CHR6	15665795	CHR6:15665795	SSF x LoA	-10,1011421	-0,059	0,313
CHR6	15665884	CHR6:15665884	SSF x LoA	-10,851512	-0,109	0,314
CHR6	15665885	CHR6:15665885	SSF x LoA	-10,6021928	-0,095	0,311
CHR6	15665891	CHR6:15665891	SSF x LoA	-10,1162183	-0,065	0,315
CHR6	15665908	CHR6:15665908	SSF x LoA	-10,5910674	0,007	0,308
CHR6	15673335	CHR6:15673335	SSF x LoA	-10,3235782	-0,124	0,304
CHR6	15673421	CHR6:15673421	SSF x LoA	-9,15542904	-0,015	0,294
CHR6	15673422	CHR6:15673422	SSF x LoA	-9,264662	0,084	0,297
CHR6	15677895	CHR6:15677895	SSF x LoA	-5,47343638	0,124	0,305
CHR6	15678134	CHR6:15678134	SSF x LoA	-9,03255091	-0,072	0,300
CHR6	15691119	CHR6:15691119	SSF x LoA	-8,68915003	0,152	0,297
CHR6	15691256	CHR6:15691256	SSF x LoA	-10,3812829	-0,106	0,313
CHR6	15699876	CHR6:15699876	SSF x LoA	-8,1229191	-0,098	0,298
CHR6	15699996	CHR6:15699996	SSF x LoA	-6,6556074	-0,048	0,319
CHR6	15700035	CHR6:15700035	SSF x LoA	-7,85979285	0,052	0,317
CHR6	15700049	CHR6:15700049	SSF x LoA	-10,8707911	-0,022	0,305
CHR6	1571572	CHR6:1571572	SSF x LoA	-10,1667235	0,091	0,304
CHR6	1571574	CHR6:1571574	SSF x LoA	-10,7187682	-0,077	0,304
CHR6	1571631	CHR6:1571631	SSF x LoA	-9,6484134	-0,051	0,308
CHR6	1571649	CHR6:1571649	SSF x LoA	-6,50848385	-0,107	0,311
CHR6	15721644	CHR6:15721644	SSF x LoA	-8,60985816	0,124	0,306
CHR6	15740205	CHR6:15740205	SSF x LoA	-10,2171428	0,051	0,305
CHR6	15740909	CHR6:15740909	SSF x LoA	-9,27099579	0,010	0,313

CHR6	15740941	CHR6:15740941	SSF x LoA	-10,0282239	-0,029	0,297
CHR6	15756785	CHR6:15756785	SSF x LoA	-10,2905742	-0,073	0,299
CHR6	15756892	CHR6:15756892	SSF x LoA	-11,3899069	-0,051	0,317
CHR6	1576323	CHR6:1576323	SSF x LoA	-9,59855132	0,069	0,313
CHR6	1576335	CHR6:1576335	SSF x LoA	-12,4574151	0,008	0,304
CHR6	15767766	CHR6:15767766	SSF x LoA	-6,03570431	0,195	0,287
CHR6	15767859	CHR6:15767859	SSF x LoA	-2,16995183	0,186	0,284
CHR6	15774993	CHR6:15774993	SSF x LoA	-10,1388917	0,058	0,296
CHR6	15775045	CHR6:15775045	SSF x LoA	-11,1486454	0,028	0,316
CHR6	15778906	CHR6:15778906	SSF x LoA	-9,0794944	-0,021	0,308
CHR6	15779057	CHR6:15779057	SSF x LoA	-8,25790034	0,162	0,295
CHR6	15779107	CHR6:15779107	SSF x LoA	-9,60022719	-0,033	0,293
CHR6	15782430	CHR6:15782430	SSF x LoA	-9,73055226	0,064	0,295
CHR6	15782437	CHR6:15782437	SSF x LoA	-7,08143298	-0,068	0,299
CHR6	15782443	CHR6:15782443	SSF x LoA	-6,66475008	0,028	0,313
CHR6	15782453	CHR6:15782453	SSF x LoA	-7,25884974	-0,102	0,310
CHR6	15785589	CHR6:15785589	SSF x LoA	-10,5418786	-0,001	0,304
CHR6	15785599	CHR6:15785599	SSF x LoA	-9,89284225	0,013	0,306
CHR6	15785606	CHR6:15785606	SSF x LoA	-9,8118422	-0,006	0,299
CHR6	15785652	CHR6:15785652	SSF x LoA	-9,12721678	0,052	0,308
CHR6	15785703	CHR6:15785703	SSF x LoA	-9,94360902	0,056	0,304
CHR6	15785721	CHR6:15785721	SSF x LoA	-8,41105522	0,074	0,305
CHR6	15785743	CHR6:15785743	SSF x LoA	-7,95160657	-0,096	0,310
CHR6	15785746	CHR6:15785746	SSF x LoA	-8,06947337	-0,125	0,307
CHR6	15785760	CHR6:15785760	SSF x LoA	-7,68613269	0,033	0,305
CHR6	15791691	CHR6:15791691	SSF x LoA	-8,27222471	0,098	0,290
CHR6	15797386	CHR6:15797386	SSF x LoA	-11,4792458	0,039	0,302
CHR6	15815328	CHR6:15815328	SSF x LoA	-11,9343311	-0,033	0,309
CHR6	15815359	CHR6:15815359	SSF x LoA	-10,3857101	0,048	0,300
CHR6	15815376	CHR6:15815376	SSF x LoA	-11,7834776	-0,033	0,311
CHR6	15815432	CHR6:15815432	SSF x LoA	-11,0053326	-0,036	0,309
CHR6	15818441	CHR6:15818441	SSF x LoA	-6,63717616	0,082	0,316
CHR6	15818488	CHR6:15818488	SSF x LoA	-12,0633594	0,024	0,315
CHR6	15818573	CHR6:15818573	SSF x LoA	-11,9726724	0,043	0,301
CHR6	15824540	CHR6:15824540	SSF x LoA	-10,8681721	0,058	0,310
CHR6	15824695	CHR6:15824695	SSF x LoA	-9,23179	-0,039	0,296
CHR6	15838241	CHR6:15838241	SSF x LoA	-10,4634084	0,008	0,314
CHR6	15838291	CHR6:15838291	SSF x LoA	-8,93513431	0,024	0,313
CHR6	15838410	CHR6:15838410	SSF x LoA	-9,34269745	-0,031	0,310
CHR6	15842958	CHR6:15842958	SSF x LoA	-11,8058553	-0,119	0,303
CHR6	15842987	CHR6:15842987	SSF x LoA	-9,93327455	-0,136	0,291
CHR6	15842993	CHR6:15842993	SSF x LoA	-7,46968155	0,042	0,324
CHR6	15850293	CHR6:15850293	SSF x LoA	-7,66480767	0,050	0,314
CHR6	15850305	CHR6:15850305	SSF x LoA	-10,8819043	0,073	0,303
CHR6	15866265	CHR6:15866265	SSF x LoA	-10,1310851	-0,058	0,294
CHR6	15866318	CHR6:15866318	SSF x LoA	-11,7353159	0,054	0,308
CHR6	15874569	CHR6:15874569	SSF x LoA	-8,73221476	0,036	0,304
CHR6	15874622	CHR6:15874622	SSF x LoA	-7,89615518	-0,123	0,311
CHR6	15874957	CHR6:15874957	SSF x LoA	-8,9621609	0,001	0,304
CHR6	15874994	CHR6:15874994	SSF x LoA	-7,1852494	-0,135	0,297
CHR6	15875020	CHR6:15875020	SSF x LoA	-6,69430712	-0,145	0,306
CHR6	15875063	CHR6:15875063	SSF x LoA	-5,9892359	-0,109	0,316
CHR6	15877921	CHR6:15877921	SSF x LoA	-11,8574461	0,010	0,306

CHR6	1587974	CHR6:1587974	SSF x LoA	-8,2904781	0,018	0,306
CHR6	1588018	CHR6:1588018	SSF x LoA	-10,4200457	0,008	0,301
CHR6	1588032	CHR6:1588032	SSF x LoA	-10,5867577	0,014	0,326
CHR6	1588095	CHR6:1588095	SSF x LoA	-10,8437391	-0,031	0,308
CHR6	1588157	CHR6:1588157	SSF x LoA	-11,3434708	-0,062	0,298
CHR6	15889727	CHR6:15889727	SSF x LoA	-6,90622878	-0,095	0,308
CHR6	15889751	CHR6:15889751	SSF x LoA	-11,0453169	-0,039	0,315
CHR6	15889797	CHR6:15889797	SSF x LoA	-9,00912635	-0,070	0,307
CHR6	15889876	CHR6:15889876	SSF x LoA	-8,71364033	-0,100	0,316
CHR6	15892084	CHR6:15892084	SSF x LoA	-10,1769143	-0,031	0,307
CHR6	15892132	CHR6:15892132	SSF x LoA	-10,1528849	0,009	0,302
CHR6	15892180	CHR6:15892180	SSF x LoA	-9,42721141	0,025	0,314
CHR6	15892182	CHR6:15892182	SSF x LoA	-9,95268298	-0,052	0,299
CHR6	15892213	CHR6:15892213	SSF x LoA	-9,33278509	-0,048	0,315
CHR6	15892214	CHR6:15892214	SSF x LoA	-9,14072936	-0,044	0,312
CHR6	15893223	CHR6:15893223	SSF x LoA	-8,0162031	-0,074	0,321
CHR6	15894100	CHR6:15894100	SSF x LoA	-7,25307857	-0,154	0,300
CHR6	15894130	CHR6:15894130	SSF x LoA	-6,55704276	-0,091	0,305
CHR6	15894170	CHR6:15894170	SSF x LoA	-7,19068399	0,117	0,309
CHR6	15902263	CHR6:15902263	SSF x LoA	-11,0099296	-0,092	0,305
CHR6	15902314	CHR6:15902314	SSF x LoA	-11,8512224	-0,025	0,303
CHR6	15902437	CHR6:15902437	SSF x LoA	-9,93248248	-0,064	0,318
CHR6	15902443	CHR6:15902443	SSF x LoA	-11,5843975	0,005	0,315
CHR6	1592336	CHR6:1592336	SSF x LoA	-8,07840723	0,057	0,319
CHR6	15925424	CHR6:15925424	SSF x LoA	-3,05995639	-0,021	0,307
CHR6	15925446	CHR6:15925446	SSF x LoA	-7,84142918	0,062	0,306
CHR6	15925518	CHR6:15925518	SSF x LoA	-10,485676	-0,040	0,302
CHR6	15925521	CHR6:15925521	SSF x LoA	-10,8846423	-0,026	0,301
CHR6	15925531	CHR6:15925531	SSF x LoA	-7,19059227	0,018	0,324
CHR6	15925537	CHR6:15925537	SSF x LoA	-8,82310061	0,024	0,306
CHR6	15926958	CHR6:15926958	SSF x LoA	-7,77757202	0,094	0,318
CHR6	15926996	CHR6:15926996	SSF x LoA	-5,08771877	0,179	0,302
CHR6	15934316	CHR6:15934316	SSF x LoA	-10,1380405	-0,104	0,299
CHR6	15934393	CHR6:15934393	SSF x LoA	-6,12755176	-0,102	0,315
CHR6	15934399	CHR6:15934399	SSF x LoA	-9,8490094	-0,125	0,300
CHR6	15934400	CHR6:15934400	SSF x LoA	-10,8236341	-0,113	0,299
CHR6	15934414	CHR6:15934414	SSF x LoA	-10,8192069	-0,098	0,300
CHR6	15934434	CHR6:15934434	SSF x LoA	-7,84462325	-0,156	0,296
CHR6	15948991	CHR6:15948991	SSF x LoA	-8,34356577	-0,143	0,296
CHR6	15949058	CHR6:15949058	SSF x LoA	-10,4696249	0,022	0,309
CHR6	15949061	CHR6:15949061	SSF x LoA	2,26610648	0,076	0,301
CHR6	15949072	CHR6:15949072	SSF x LoA	-11,2846214	-0,022	0,310
CHR6	15949076	CHR6:15949076	SSF x LoA	-8,32254807	0,054	0,300
CHR6	15949078	CHR6:15949078	SSF x LoA	-10,7486882	0,018	0,309
CHR6	15958836	CHR6:15958836	SSF x LoA	-10,4569464	0,026	0,289
CHR6	15970819	CHR6:15970819	SSF x LoA	-11,8552552	0,011	0,300
CHR6	15971884	CHR6:15971884	SSF x LoA	-11,3001869	-0,029	0,307
CHR6	15971904	CHR6:15971904	SSF x LoA	-7,48940358	0,182	0,301
CHR6	15971913	CHR6:15971913	SSF x LoA	-10,6652161	-0,028	0,305
CHR6	15973073	CHR6:15973073	SSF x LoA	-6,94381113	0,097	0,308
CHR6	15973140	CHR6:15973140	SSF x LoA	-8,58897405	-0,015	0,315
CHR6	15973290	CHR6:15973290	SSF x LoA	-1,34493456	-0,027	0,313
CHR6	15973341	CHR6:15973341	SSF x LoA	-11,3674618	0,057	0,310

CHR6	1598278	CHR6:1598278	SSF x LoA	-8,09393214	-0,046	0,299
CHR6	1598509	CHR6:1598509	SSF x LoA	-10,9976509	-0,049	0,297
CHR6	15986460	CHR6:15986460	SSF x LoA	-10,990511	-0,034	0,317
CHR6	15986533	CHR6:15986533	SSF x LoA	-8,63640847	-0,008	0,311
CHR6	16013268	CHR6:16013268	SSF x LoA	-8,77299587	0,083	0,304
CHR6	16013338	CHR6:16013338	SSF x LoA	-8,09591231	0,035	0,312
CHR6	16013362	CHR6:16013362	SSF x LoA	-9,04799567	0,006	0,310
CHR6	1601976	CHR6:1601976	SSF x LoA	-10,2619167	-0,075	0,312
CHR6	16023179	CHR6:16023179	SSF x LoA	-9,595359	0,072	0,301
CHR6	16023245	CHR6:16023245	SSF x LoA	-10,7037891	0,025	0,318
CHR6	16027630	CHR6:16027630	SSF x LoA	-7,90467982	0,097	0,300
CHR6	16027664	CHR6:16027664	SSF x LoA	-10,7315084	0,036	0,298
CHR6	16027761	CHR6:16027761	SSF x LoA	-6,97323673	0,043	0,309
CHR6	16027881	CHR6:16027881	SSF x LoA	-6,57105025	-0,150	0,304
CHR6	16044613	CHR6:16044613	SSF x LoA	-8,28097843	0,175	0,309
CHR6	16044651	CHR6:16044651	SSF x LoA	-9,27618988	-0,128	0,304
CHR6	16044654	CHR6:16044654	SSF x LoA	-10,9702865	0,010	0,303
CHR6	16044807	CHR6:16044807	SSF x LoA	-8,33930591	0,083	0,301
CHR6	16049412	CHR6:16049412	SSF x LoA	-9,30540092	-0,007	0,309
CHR6	16049470	CHR6:16049470	SSF x LoA	-9,67487583	-0,112	0,289
CHR6	16049514	CHR6:16049514	SSF x LoA	-8,59481831	0,146	0,298
CHR6	16049639	CHR6:16049639	SSF x LoA	-7,2235245	0,051	0,317
CHR6	16049664	CHR6:16049664	SSF x LoA	-10,3756338	0,085	0,310
CHR6	16050580	CHR6:16050580	SSF x LoA	-8,95801677	-0,067	0,302
CHR6	16050592	CHR6:16050592	SSF x LoA	-7,25169795	-0,109	0,304
CHR6	16051589	CHR6:16051589	SSF x LoA	-9,19163387	-0,064	0,301
CHR6	16053751	CHR6:16053751	SSF x LoA	-4,38299697	0,170	0,312
CHR6	16053989	CHR6:16053989	SSF x LoA	-5,11980834	-0,143	0,307
CHR6	16055439	CHR6:16055439	SSF x LoA	-4,0787578	-0,069	0,302
CHR6	16056738	CHR6:16056738	SSF x LoA	-11,2262397	-0,062	0,305
CHR6	16057176	CHR6:16057176	SSF x LoA	-6,76415797	0,141	0,292
CHR6	16057306	CHR6:16057306	SSF x LoA	-7,54783192	0,152	0,285
CHR6	16057326	CHR6:16057326	SSF x LoA	-10,947121	0,004	0,298
CHR6	16072542	CHR6:16072542	SSF x LoA	-6,69303241	0,139	0,309
CHR6	16079820	CHR6:16079820	SSF x LoA	-11,003221	-0,032	0,297
CHR6	16079822	CHR6:16079822	SSF x LoA	-12,0739483	0,036	0,297
CHR6	16079833	CHR6:16079833	SSF x LoA	-8,04169313	-0,084	0,305
CHR6	16079834	CHR6:16079834	SSF x LoA	-10,9773856	-0,024	0,322
CHR6	16079890	CHR6:16079890	SSF x LoA	-10,373252	-0,011	0,324
CHR6	16079921	CHR6:16079921	SSF x LoA	-11,3937974	0,012	0,303
CHR6	16079952	CHR6:16079952	SSF x LoA	-12,0863474	0,009	0,304
CHR6	16110102	CHR6:16110102	SSF x LoA	-12,0917361	-0,037	0,306
CHR6	16110108	CHR6:16110108	SSF x LoA	-6,70213352	-0,124	0,310
CHR6	16110120	CHR6:16110120	SSF x LoA	-10,8406281	-0,023	0,311
CHR6	16116729	CHR6:16116729	SSF x LoA	-9,32710414	0,024	0,302
CHR6	16136330	CHR6:16136330	SSF x LoA	-8,64081033	-0,086	0,307
CHR6	16136341	CHR6:16136341	SSF x LoA	-8,18940351	-0,056	0,304
CHR6	16136344	CHR6:16136344	SSF x LoA	-8,4626311	-0,020	0,300
CHR6	16136380	CHR6:16136380	SSF x LoA	-6,9683196	-0,099	0,325
CHR6	16136425	CHR6:16136425	SSF x LoA	-9,2688117	0,025	0,316
CHR6	16138340	CHR6:16138340	SSF x LoA	-7,80385472	-0,085	0,307
CHR6	16138358	CHR6:16138358	SSF x LoA	-9,29911065	0,035	0,282
CHR6	16138374	CHR6:16138374	SSF x LoA	-6,92282388	-0,130	0,304

CHR6	16138423	CHR6:16138423	SSF x LoA	-8,62163152	0,036	0,282
CHR6	16138564	CHR6:16138564	SSF x LoA	-9,68395104	-0,008	0,321
CHR6	1614049	CHR6:1614049	SSF x LoA	-10,6816673	0,060	0,306
CHR6	1614206	CHR6:1614206	SSF x LoA	-8,58539909	0,047	0,301
CHR6	16149015	CHR6:16149015	SSF x LoA	-11,0614312	0,092	0,306
CHR6	16165237	CHR6:16165237	SSF x LoA	-7,44034605	-0,106	0,306
CHR6	16165344	CHR6:16165344	SSF x LoA	-9,79407332	0,022	0,299
CHR6	16165372	CHR6:16165372	SSF x LoA	-5,65810379	-0,033	0,322
CHR6	16165418	CHR6:16165418	SSF x LoA	-6,61308269	-0,023	0,311
CHR6	16165442	CHR6:16165442	SSF x LoA	-9,57906004	-0,031	0,304
CHR6	1617877	CHR6:1617877	SSF x LoA	-7,7201631	-0,089	0,317
CHR6	1617922	CHR6:1617922	SSF x LoA	-8,42122473	-0,076	0,303
CHR6	1618118	CHR6:1618118	SSF x LoA	-7,78717854	-0,163	0,287
CHR6	16189686	CHR6:16189686	SSF x LoA	-7,24899751	-0,033	0,311
CHR6	16189688	CHR6:16189688	SSF x LoA	-9,54393649	-0,038	0,313
CHR6	16189702	CHR6:16189702	SSF x LoA	-9,10885157	0,096	0,305
CHR6	16189709	CHR6:16189709	SSF x LoA	-8,94698208	-0,032	0,309
CHR6	16189712	CHR6:16189712	SSF x LoA	-8,37558956	-0,032	0,300
CHR6	16189743	CHR6:16189743	SSF x LoA	-8,59063562	-0,041	0,311
CHR6	16205516	CHR6:16205516	SSF x LoA	-6,25053525	-0,153	0,300
CHR6	16206280	CHR6:16206280	SSF x LoA	-11,4167014	0,085	0,303
CHR6	16212667	CHR6:16212667	SSF x LoA	1,01135769	-0,151	0,304
CHR6	16212676	CHR6:16212676	SSF x LoA	-7,30868263	-0,123	0,313
CHR6	16212677	CHR6:16212677	SSF x LoA	-8,20507719	-0,115	0,304
CHR6	16212678	CHR6:16212678	SSF x LoA	-11,0330088	-0,059	0,301
CHR6	16212844	CHR6:16212844	SSF x LoA	-10,7813276	-0,066	0,312
CHR6	16212863	CHR6:16212863	SSF x LoA	-6,65879951	-0,136	0,318
CHR6	16212868	CHR6:16212868	SSF x LoA	-7,35920314	0,170	0,293
CHR6	16216505	CHR6:16216505	SSF x LoA	-10,2964668	0,054	0,296
CHR6	16216596	CHR6:16216596	SSF x LoA	-6,39707597	0,104	0,301
CHR6	16219728	CHR6:16219728	SSF x LoA	-8,47966346	0,133	0,298
CHR6	16219748	CHR6:16219748	SSF x LoA	-8,93684528	0,121	0,299
CHR6	16219835	CHR6:16219835	SSF x LoA	-11,5222701	-0,025	0,304
CHR6	16233398	CHR6:16233398	SSF x LoA	-10,3265746	-0,017	0,318
CHR6	16244646	CHR6:16244646	SSF x LoA	-8,59962949	0,088	0,310
CHR6	16244681	CHR6:16244681	SSF x LoA	-7,12552909	0,067	0,302
CHR6	16244686	CHR6:16244686	SSF x LoA	-9,11145516	0,040	0,307
CHR6	16244690	CHR6:16244690	SSF x LoA	-10,6790443	-0,009	0,296
CHR6	16244721	CHR6:16244721	SSF x LoA	-5,54486661	-0,055	0,306
CHR6	16249420	CHR6:16249420	SSF x LoA	-10,561675	0,074	0,313
CHR6	16249421	CHR6:16249421	SSF x LoA	-10,2289637	-0,027	0,313
CHR6	16260106	CHR6:16260106	SSF x LoA	-7,9108015	0,028	0,309
CHR6	16260133	CHR6:16260133	SSF x LoA	-10,3319819	-0,040	0,324
CHR6	16260154	CHR6:16260154	SSF x LoA	-8,95181465	-0,075	0,295
CHR6	16260208	CHR6:16260208	SSF x LoA	-4,02943604	-0,059	0,299
CHR6	16282089	CHR6:16282089	SSF x LoA	-10,7072967	0,002	0,299
CHR6	16282150	CHR6:16282150	SSF x LoA	-9,94109689	-0,005	0,312
CHR6	16282153	CHR6:16282153	SSF x LoA	-6,64844699	-0,099	0,309
CHR6	16282219	CHR6:16282219	SSF x LoA	-10,8909945	-0,011	0,307
CHR6	16282273	CHR6:16282273	SSF x LoA	-8,95517199	-0,057	0,307
CHR6	16288533	CHR6:16288533	SSF x LoA	-9,14676816	0,118	0,319
CHR6	16288545	CHR6:16288545	SSF x LoA	-8,24440251	-0,107	0,307
CHR6	16288568	CHR6:16288568	SSF x LoA	-10,4177756	0,049	0,307

CHR6	16288569	CHR6:16288569	SSF x LoA	-8,76089294	0,061	0,308
CHR6	16288599	CHR6:16288599	SSF x LoA	-10,5999086	-0,023	0,315
CHR6	16288622	CHR6:16288622	SSF x LoA	-9,63979795	-0,037	0,315
CHR6	16288681	CHR6:16288681	SSF x LoA	-5,07670499	0,149	0,300
CHR6	16312699	CHR6:16312699	SSF x LoA	-7,95433947	0,082	0,306
CHR6	16312702	CHR6:16312702	SSF x LoA	-9,13341186	0,074	0,302
CHR6	16312742	CHR6:16312742	SSF x LoA	-10,4260659	0,092	0,297
CHR6	16312758	CHR6:16312758	SSF x LoA	-9,62475792	0,096	0,306
CHR6	16313339	CHR6:16313339	SSF x LoA	-11,5790357	0,004	0,299
CHR6	16313346	CHR6:16313346	SSF x LoA	-10,674505	-0,001	0,313
CHR6	1632269	CHR6:1632269	SSF x LoA	-8,86795266	-0,018	0,297
CHR6	16322956	CHR6:16322956	SSF x LoA	-8,10297614	0,061	0,313
CHR6	1632318	CHR6:1632318	SSF x LoA	-8,29991236	-0,047	0,286
CHR6	16328986	CHR6:16328986	SSF x LoA	-9,64262345	-0,025	0,311
CHR6	16328988	CHR6:16328988	SSF x LoA	-10,1633933	-0,053	0,303
CHR6	16329055	CHR6:16329055	SSF x LoA	-3,62726343	-0,211	0,272
CHR6	16334171	CHR6:16334171	SSF x LoA	-12,1309546	-0,011	0,313
CHR6	16346058	CHR6:16346058	SSF x LoA	-8,96324236	-0,016	0,323
CHR6	16348959	CHR6:16348959	SSF x LoA	-11,6315181	0,066	0,299
CHR6	16349025	CHR6:16349025	SSF x LoA	-8,18911878	-0,054	0,301
CHR6	16349084	CHR6:16349084	SSF x LoA	-9,36506294	-0,052	0,309
CHR6	16349130	CHR6:16349130	SSF x LoA	-8,1299579	-0,112	0,311
CHR6	16349141	CHR6:16349141	SSF x LoA	-10,4076215	-0,087	0,315
CHR6	16349215	CHR6:16349215	SSF x LoA	-10,930497	-0,123	0,300
CHR6	16349227	CHR6:16349227	SSF x LoA	-9,65278535	-0,089	0,312
CHR6	16349241	CHR6:16349241	SSF x LoA	-7,95078184	-0,144	0,309
CHR6	16349272	CHR6:16349272	SSF x LoA	-11,1426826	-0,142	0,307
CHR6	16349279	CHR6:16349279	SSF x LoA	-10,774526	-0,042	0,303
CHR6	16349284	CHR6:16349284	SSF x LoA	-5,90625094	-0,141	0,308
CHR6	16362945	CHR6:16362945	SSF x LoA	-8,65787747	0,029	0,315
CHR6	16362959	CHR6:16362959	SSF x LoA	-7,85981182	-0,011	0,311
CHR6	16363015	CHR6:16363015	SSF x LoA	-10,2641555	-0,068	0,307
CHR6	16363047	CHR6:16363047	SSF x LoA	-9,55591942	-0,040	0,303
CHR6	16363048	CHR6:16363048	SSF x LoA	-8,30919818	0,103	0,307
CHR6	16363057	CHR6:16363057	SSF x LoA	-5,96586985	0,111	0,317
CHR6	16364661	CHR6:16364661	SSF x LoA	-10,6661567	0,067	0,303
CHR6	16364699	CHR6:16364699	SSF x LoA	-11,017665	0,006	0,308
CHR6	16367657	CHR6:16367657	SSF x LoA	-9,35823923	0,027	0,309
CHR6	16373536	CHR6:16373536	SSF x LoA	-9,99411999	-0,099	0,291
CHR6	16373565	CHR6:16373565	SSF x LoA	-9,59218555	0,086	0,300
CHR6	16376604	CHR6:16376604	SSF x LoA	-9,76359109	-0,036	0,304
CHR6	1638069	CHR6:1638069	SSF x LoA	-8,91317976	-0,104	0,303
CHR6	1638749	CHR6:1638749	SSF x LoA	-10,88013	-0,042	0,309
CHR6	1640460	CHR6:1640460	SSF x LoA	-1,73806362	-0,216	0,295
CHR6	16405769	CHR6:16405769	SSF x LoA	-8,34862603	-0,032	0,288
CHR6	16415308	CHR6:16415308	SSF x LoA	-7,54150854	0,127	0,300
CHR6	16415317	CHR6:16415317	SSF x LoA	-8,89463112	0,151	0,313
CHR6	16415325	CHR6:16415325	SSF x LoA	-8,71660066	0,139	0,309
CHR6	1642336	CHR6:1642336	SSF x LoA	-10,5491469	0,032	0,301
CHR6	16429907	CHR6:16429907	SSF x LoA	-8,81421499	-0,003	0,315
CHR6	16429917	CHR6:16429917	SSF x LoA	-9,49234217	-0,008	0,304
CHR6	16429926	CHR6:16429926	SSF x LoA	-3,80383624	-0,012	0,320
CHR6	16429943	CHR6:16429943	SSF x LoA	-8,77527066	-0,006	0,310

CHR6	16429949	CHR6:16429949	SSF x LoA	-7,21468154	-0,001	0,331
CHR6	16429993	CHR6:16429993	SSF x LoA	-6,81029937	-0,017	0,319
CHR6	16430010	CHR6:16430010	SSF x LoA	-8,84354809	0,005	0,309
CHR6	16430018	CHR6:16430018	SSF x LoA	-9,18659221	-0,016	0,309
CHR6	16430019	CHR6:16430019	SSF x LoA	-8,79082101	-0,050	0,322
CHR6	16430020	CHR6:16430020	SSF x LoA	-7,75810038	0,007	0,308
CHR6	16430038	CHR6:16430038	SSF x LoA	-9,2233095	-0,008	0,317
CHR6	1643744	CHR6:1643744	SSF x LoA	-9,64377494	-0,076	0,302
CHR6	16444960	CHR6:16444960	SSF x LoA	-9,96310536	-0,005	0,313
CHR6	16451836	CHR6:16451836	SSF x LoA	-10,1322546	-0,054	0,298
CHR6	16451928	CHR6:16451928	SSF x LoA	-5,52699864	0,135	0,317
CHR6	16452006	CHR6:16452006	SSF x LoA	-9,2034456	-0,054	0,304
CHR6	16452031	CHR6:16452031	SSF x LoA	-9,65161559	-0,032	0,303
CHR6	16452093	CHR6:16452093	SSF x LoA	-3,1525469	0,192	0,295
CHR6	16463686	CHR6:16463686	SSF x LoA	-7,95670245	0,085	0,320
CHR6	16463696	CHR6:16463696	SSF x LoA	-7,77654015	-0,075	0,302
CHR6	16463750	CHR6:16463750	SSF x LoA	-8,15034252	0,031	0,322
CHR6	16502582	CHR6:16502582	SSF x LoA	-9,3325176	0,056	0,309
CHR6	16539990	CHR6:16539990	SSF x LoA	-8,80354644	0,008	0,299
CHR6	16540068	CHR6:16540068	SSF x LoA	-8,99266939	0,010	0,304
CHR6	16542	CHR6:16542	SSF x LoA	-4,22273306	0,031	0,302
CHR6	16542210	CHR6:16542210	SSF x LoA	-8,40442088	0,010	0,295
CHR6	16542280	CHR6:16542280	SSF x LoA	-5,71437227	0,002	0,306
CHR6	16542289	CHR6:16542289	SSF x LoA	-9,17272881	-0,001	0,306
CHR6	16545240	CHR6:16545240	SSF x LoA	-8,34131972	0,046	0,301
CHR6	16556763	CHR6:16556763	SSF x LoA	-10,0495641	-0,071	0,304
CHR6	16568255	CHR6:16568255	SSF x LoA	-9,47276186	0,077	0,310
CHR6	16568333	CHR6:16568333	SSF x LoA	-7,29809338	-0,016	0,326
CHR6	16568460	CHR6:16568460	SSF x LoA	-8,76490489	-0,065	0,300
CHR6	16568478	CHR6:16568478	SSF x LoA	-9,48168039	0,036	0,298
CHR6	16572013	CHR6:16572013	SSF x LoA	-5,09969281	0,096	0,293
CHR6	16572072	CHR6:16572072	SSF x LoA	-8,96166072	0,114	0,307
CHR6	16572094	CHR6:16572094	SSF x LoA	-7,40741137	0,088	0,308
CHR6	16572154	CHR6:16572154	SSF x LoA	-8,3204838	0,026	0,309
CHR6	16572192	CHR6:16572192	SSF x LoA	-7,37312756	0,022	0,296
CHR6	16572196	CHR6:16572196	SSF x LoA	-9,12308985	0,025	0,311
CHR6	16572197	CHR6:16572197	SSF x LoA	-8,06788125	0,030	0,300
CHR6	16577829	CHR6:16577829	SSF x LoA	-12,3429323	0,086	0,299
CHR6	16577959	CHR6:16577959	SSF x LoA	-10,8122606	-0,012	0,307
CHR6	16580289	CHR6:16580289	SSF x LoA	-10,3562725	0,000	0,316
CHR6	16580360	CHR6:16580360	SSF x LoA	-7,01946738	-0,158	0,298
CHR6	16580378	CHR6:16580378	SSF x LoA	-5,24842582	0,179	0,308
CHR6	16580388	CHR6:16580388	SSF x LoA	-8,47304971	-0,035	0,301
CHR6	16580389	CHR6:16580389	SSF x LoA	-9,07104247	-0,036	0,310
CHR6	16580390	CHR6:16580390	SSF x LoA	-6,58954922	-0,008	0,317
CHR6	16581438	CHR6:16581438	SSF x LoA	-8,72135661	0,036	0,303
CHR6	16581453	CHR6:16581453	SSF x LoA	-9,72835372	0,063	0,295
CHR6	16581457	CHR6:16581457	SSF x LoA	-9,30041178	0,040	0,309
CHR6	16581530	CHR6:16581530	SSF x LoA	-1,69815993	0,006	0,308
CHR6	16581531	CHR6:16581531	SSF x LoA	-7,81392168	-0,035	0,314
CHR6	16581544	CHR6:16581544	SSF x LoA	-8,51002878	-0,092	0,316
CHR6	16583355	CHR6:16583355	SSF x LoA	-9,12654996	0,031	0,309
CHR6	16583359	CHR6:16583359	SSF x LoA	-11,3198014	0,054	0,308

CHR6	16583363	CHR6:16583363	SSF x LoA	-6,77023346	0,026	0,312
CHR6	16583425	CHR6:16583425	SSF x LoA	-11,2552988	-0,035	0,311
CHR6	16583434	CHR6:16583434	SSF x LoA	-10,1809726	-0,024	0,313
CHR6	16583439	CHR6:16583439	SSF x LoA	-9,15883475	0,061	0,303
CHR6	16583448	CHR6:16583448	SSF x LoA	-8,63575046	-0,005	0,307
CHR6	16583471	CHR6:16583471	SSF x LoA	-9,87488576	0,021	0,305
CHR6	16587154	CHR6:16587154	SSF x LoA	-7,06502256	-0,018	0,310
CHR6	16587235	CHR6:16587235	SSF x LoA	-11,4863687	0,047	0,305
CHR6	16587394	CHR6:16587394	SSF x LoA	-8,95699654	0,071	0,298
CHR6	16588625	CHR6:16588625	SSF x LoA	-10,1613274	0,018	0,305
CHR6	16588724	CHR6:16588724	SSF x LoA	-9,19854523	0,070	0,319
CHR6	16601263	CHR6:16601263	SSF x LoA	-7,91785462	0,180	0,286
CHR6	16601896	CHR6:16601896	SSF x LoA	-4,23667229	0,194	0,310
CHR6	16605322	CHR6:16605322	SSF x LoA	-9,60596849	0,019	0,318
CHR6	16605344	CHR6:16605344	SSF x LoA	-10,0113909	0,058	0,310
CHR6	16605349	CHR6:16605349	SSF x LoA	-10,8310849	-0,018	0,313
CHR6	16605404	CHR6:16605404	SSF x LoA	-7,50882433	0,094	0,309
CHR6	16605527	CHR6:16605527	SSF x LoA	-10,0464974	-0,055	0,306
CHR6	16605536	CHR6:16605536	SSF x LoA	-3,16449386	0,113	0,317
CHR6	16609869	CHR6:16609869	SSF x LoA	-7,74402697	-0,018	0,303
CHR6	16609892	CHR6:16609892	SSF x LoA	-9,63051086	-0,012	0,310
CHR6	16609935	CHR6:16609935	SSF x LoA	-8,54880543	0,074	0,323
CHR6	16609941	CHR6:16609941	SSF x LoA	-8,57526458	0,076	0,304
CHR6	16609957	CHR6:16609957	SSF x LoA	-8,86849567	0,058	0,314
CHR6	16609995	CHR6:16609995	SSF x LoA	-7,41092199	0,141	0,312
CHR6	16612426	CHR6:16612426	SSF x LoA	-7,54141594	-0,025	0,311
CHR6	16612438	CHR6:16612438	SSF x LoA	-8,80328436	0,077	0,296
CHR6	16612459	CHR6:16612459	SSF x LoA	-10,3608543	0,006	0,314
CHR6	16612543	CHR6:16612543	SSF x LoA	-8,03285898	-0,078	0,321
CHR6	16612550	CHR6:16612550	SSF x LoA	-10,2664239	0,007	0,312
CHR6	16612556	CHR6:16612556	SSF x LoA	-11,8648949	0,018	0,298
CHR6	16612600	CHR6:16612600	SSF x LoA	-11,8488455	-0,014	0,292
CHR6	16612602	CHR6:16612602	SSF x LoA	-9,12072612	0,039	0,310
CHR6	16612609	CHR6:16612609	SSF x LoA	-10,4436549	0,018	0,313
CHR6	16612658	CHR6:16612658	SSF x LoA	-9,22263718	-0,015	0,307
CHR6	16618390	CHR6:16618390	SSF x LoA	-9,91307279	-0,071	0,304
CHR6	16618480	CHR6:16618480	SSF x LoA	-11,7923024	0,011	0,313
CHR6	16621919	CHR6:16621919	SSF x LoA	-9,68674291	-0,020	0,319
CHR6	16622025	CHR6:16622025	SSF x LoA	-9,1934818	-0,103	0,290
CHR6	16622037	CHR6:16622037	SSF x LoA	-10,3817549	-0,066	0,308
CHR6	16622064	CHR6:16622064	SSF x LoA	-10,3788106	0,023	0,304
CHR6	16629720	CHR6:16629720	SSF x LoA	-7,32445389	-0,083	0,294
CHR6	16629726	CHR6:16629726	SSF x LoA	-10,2233736	-0,025	0,310
CHR6	16629783	CHR6:16629783	SSF x LoA	-10,5303695	0,005	0,303
CHR6	16629828	CHR6:16629828	SSF x LoA	-10,4905776	-0,072	0,307
CHR6	16632623	CHR6:16632623	SSF x LoA	-11,8329153	-0,040	0,294
CHR6	16632675	CHR6:16632675	SSF x LoA	-8,32033906	-0,189	0,282
CHR6	16632698	CHR6:16632698	SSF x LoA	-4,85139103	-0,181	0,304
CHR6	16632731	CHR6:16632731	SSF x LoA	-7,10369549	0,153	0,310
CHR6	16636391	CHR6:16636391	SSF x LoA	-10,5425705	-0,066	0,299
CHR6	16636427	CHR6:16636427	SSF x LoA	-10,21008	-0,056	0,317
CHR6	16636476	CHR6:16636476	SSF x LoA	-9,96469734	-0,014	0,308
CHR6	16642636	CHR6:16642636	SSF x LoA	-8,52245371	0,105	0,301

CHR6	16642640	CHR6:16642640	SSF x LoA	-10,6890846	-0,021	0,321
CHR6	16642730	CHR6:16642730	SSF x LoA	-8,49445981	0,047	0,319
CHR6	16650661	CHR6:16650661	SSF x LoA	-10,3625309	0,012	0,309
CHR6	16650720	CHR6:16650720	SSF x LoA	-9,38037953	-0,032	0,310
CHR6	16651929	CHR6:16651929	SSF x LoA	-5,85700186	0,157	0,286
CHR6	16651984	CHR6:16651984	SSF x LoA	-8,66834761	0,093	0,291
CHR6	16652038	CHR6:16652038	SSF x LoA	-7,70897792	-0,178	0,299
CHR6	16662081	CHR6:16662081	SSF x LoA	-8,77214604	-0,072	0,329
CHR6	16664583	CHR6:16664583	SSF x LoA	-6,30209045	-0,036	0,309
CHR6	16664610	CHR6:16664610	SSF x LoA	-7,03628629	0,056	0,322
CHR6	16681107	CHR6:16681107	SSF x LoA	-7,81394565	-0,126	0,324
CHR6	16681170	CHR6:16681170	SSF x LoA	-6,96655223	-0,203	0,286
CHR6	16687759	CHR6:16687759	SSF x LoA	-7,98822524	-0,035	0,312
CHR6	16687785	CHR6:16687785	SSF x LoA	-9,77105685	-0,064	0,311
CHR6	16695079	CHR6:16695079	SSF x LoA	-10,985227	-0,066	0,305
CHR6	16695128	CHR6:16695128	SSF x LoA	-8,58726076	-0,089	0,312
CHR6	16695203	CHR6:16695203	SSF x LoA	-11,6669533	0,009	0,321
CHR6	16698473	CHR6:16698473	SSF x LoA	-7,76082073	-0,046	0,317
CHR6	16699196	CHR6:16699196	SSF x LoA	-11,4358651	-0,094	0,297
CHR6	16699253	CHR6:16699253	SSF x LoA	-9,41387766	0,053	0,313
CHR6	16699341	CHR6:16699341	SSF x LoA	-6,88436785	0,037	0,319
CHR6	16699361	CHR6:16699361	SSF x LoA	-8,49897047	-0,012	0,315
CHR6	16699362	CHR6:16699362	SSF x LoA	-3,47932708	-0,006	0,313
CHR6	16699368	CHR6:16699368	SSF x LoA	-8,73885511	-0,001	0,318
CHR6	16702518	CHR6:16702518	SSF x LoA	-8,6638237	0,010	0,293
CHR6	16702610	CHR6:16702610	SSF x LoA	-10,989099	-0,031	0,299
CHR6	16702655	CHR6:16702655	SSF x LoA	-7,29375214	0,064	0,299
CHR6	16702718	CHR6:16702718	SSF x LoA	-9,36634803	-0,063	0,316
CHR6	16702748	CHR6:16702748	SSF x LoA	-9,14659118	0,036	0,313
CHR6	16735942	CHR6:16735942	SSF x LoA	-8,37684478	0,010	0,302
CHR6	16735957	CHR6:16735957	SSF x LoA	-9,34862672	-0,008	0,309
CHR6	16735992	CHR6:16735992	SSF x LoA	-9,87178088	0,022	0,313
CHR6	16736037	CHR6:16736037	SSF x LoA	-8,05495559	0,052	0,307
CHR6	1674088	CHR6:1674088	SSF x LoA	-6,28872729	-0,119	0,322
CHR6	16745982	CHR6:16745982	SSF x LoA	-8,54744731	0,022	0,306
CHR6	16745988	CHR6:16745988	SSF x LoA	-8,61971704	0,049	0,301
CHR6	16746010	CHR6:16746010	SSF x LoA	-9,64481457	-0,014	0,311
CHR6	16746017	CHR6:16746017	SSF x LoA	-9,4232854	0,057	0,313
CHR6	16746061	CHR6:16746061	SSF x LoA	-7,16674663	0,088	0,298
CHR6	16766706	CHR6:16766706	SSF x LoA	-8,08079587	-0,006	0,301
CHR6	16766709	CHR6:16766709	SSF x LoA	1,19489155	0,093	0,306
CHR6	16783007	CHR6:16783007	SSF x LoA	-10,2269529	-0,119	0,307
CHR6	16783049	CHR6:16783049	SSF x LoA	-9,76431775	-0,071	0,313
CHR6	16783052	CHR6:16783052	SSF x LoA	-11,0105352	-0,039	0,305
CHR6	16783059	CHR6:16783059	SSF x LoA	-9,98280999	0,095	0,291
CHR6	16783063	CHR6:16783063	SSF x LoA	-6,66661275	-0,162	0,288
CHR6	16783087	CHR6:16783087	SSF x LoA	-9,3040992	0,019	0,316
CHR6	16783092	CHR6:16783092	SSF x LoA	-9,95247804	-0,021	0,309
CHR6	16783096	CHR6:16783096	SSF x LoA	-8,52573263	-0,098	0,301
CHR6	16783121	CHR6:16783121	SSF x LoA	-9,88255425	-0,075	0,314
CHR6	16786064	CHR6:16786064	SSF x LoA	-9,42993905	-0,054	0,301
CHR6	16786128	CHR6:16786128	SSF x LoA	-9,28113904	0,114	0,301
CHR6	16793078	CHR6:16793078	SSF x LoA	-8,43126625	0,035	0,316

CHR6	16793092	CHR6:16793092	SSF x LoA	-11,5814223	0,049	0,301
CHR6	16793116	CHR6:16793116	SSF x LoA	-9,97321399	0,102	0,306
CHR6	16793184	CHR6:16793184	SSF x LoA	-6,55440936	0,190	0,301
CHR6	16793187	CHR6:16793187	SSF x LoA	-6,72901126	-0,161	0,312
CHR6	16793196	CHR6:16793196	SSF x LoA	-9,81262332	-0,059	0,302
CHR6	16794106	CHR6:16794106	SSF x LoA	-9,85954303	0,074	0,314
CHR6	16794124	CHR6:16794124	SSF x LoA	-9,2891958	0,136	0,298
CHR6	16799720	CHR6:16799720	SSF x LoA	-9,45645636	-0,009	0,297
CHR6	16799750	CHR6:16799750	SSF x LoA	-9,22651029	-0,019	0,302
CHR6	16799839	CHR6:16799839	SSF x LoA	-10,204398	0,048	0,296
CHR6	16799895	CHR6:16799895	SSF x LoA	-8,57975775	0,020	0,304
CHR6	16799913	CHR6:16799913	SSF x LoA	-7,49465742	-0,068	0,314
CHR6	16799915	CHR6:16799915	SSF x LoA	-9,63215734	-0,047	0,305
CHR6	16799918	CHR6:16799918	SSF x LoA	-8,7755842	-0,057	0,296
CHR6	16799968	CHR6:16799968	SSF x LoA	-9,00239389	-0,031	0,288
CHR6	16808491	CHR6:16808491	SSF x LoA	-6,40705243	-0,198	0,304
CHR6	16808497	CHR6:16808497	SSF x LoA	-9,37794991	-0,034	0,307
CHR6	16808550	CHR6:16808550	SSF x LoA	-5,08133478	-0,232	0,294
CHR6	16808559	CHR6:16808559	SSF x LoA	-8,43968048	0,105	0,298
CHR6	16808595	CHR6:16808595	SSF x LoA	-4,0859334	0,120	0,310
CHR6	16813585	CHR6:16813585	SSF x LoA	-7,96957994	0,089	0,302
CHR6	16813696	CHR6:16813696	SSF x LoA	-10,9229004	0,024	0,306
CHR6	16813705	CHR6:16813705	SSF x LoA	-10,35663	0,016	0,302
CHR6	16818588	CHR6:16818588	SSF x LoA	-8,64364317	-0,056	0,302
CHR6	16818631	CHR6:16818631	SSF x LoA	-10,2183281	0,046	0,307
CHR6	16818633	CHR6:16818633	SSF x LoA	-8,33737283	-0,061	0,308
CHR6	16818648	CHR6:16818648	SSF x LoA	-12,2620315	-0,034	0,304
CHR6	16818653	CHR6:16818653	SSF x LoA	-11,6956227	-0,022	0,293
CHR6	16818668	CHR6:16818668	SSF x LoA	-9,4920375	0,034	0,312
CHR6	16818691	CHR6:16818691	SSF x LoA	-10,1384502	0,001	0,290
CHR6	16818791	CHR6:16818791	SSF x LoA	-8,04652252	0,048	0,315
CHR6	16818832	CHR6:16818832	SSF x LoA	-9,60956842	-0,012	0,319
CHR6	16831061	CHR6:16831061	SSF x LoA	-10,4371425	-0,001	0,310
CHR6	16831088	CHR6:16831088	SSF x LoA	-5,95831014	-0,051	0,302
CHR6	16831108	CHR6:16831108	SSF x LoA	-10,2721035	0,007	0,294
CHR6	16831150	CHR6:16831150	SSF x LoA	-11,1071363	-0,057	0,300
CHR6	16831159	CHR6:16831159	SSF x LoA	-5,54178644	-0,031	0,301
CHR6	16831224	CHR6:16831224	SSF x LoA	-10,0458094	-0,025	0,305
CHR6	16831245	CHR6:16831245	SSF x LoA	-10,0656326	0,057	0,292
CHR6	16831273	CHR6:16831273	SSF x LoA	-9,5625194	0,086	0,293
CHR6	16831302	CHR6:16831302	SSF x LoA	-11,6452039	0,027	0,297
CHR6	16846857	CHR6:16846857	SSF x LoA	-2,07956354	0,204	0,283
CHR6	16846858	CHR6:16846858	SSF x LoA	-11,4683398	-0,033	0,308
CHR6	16854815	CHR6:16854815	SSF x LoA	-9,38200608	0,140	0,302
CHR6	16854824	CHR6:16854824	SSF x LoA	-8,77552399	-0,039	0,309
CHR6	16854890	CHR6:16854890	SSF x LoA	-9,78044891	-0,046	0,316
CHR6	16854921	CHR6:16854921	SSF x LoA	-9,48497094	-0,021	0,304
CHR6	16858929	CHR6:16858929	SSF x LoA	-7,04221831	0,051	0,311
CHR6	16858991	CHR6:16858991	SSF x LoA	-7,86596772	0,167	0,290
CHR6	16864028	CHR6:16864028	SSF x LoA	-10,8772225	0,056	0,303
CHR6	1686594	CHR6:1686594	SSF x LoA	-10,1401144	-0,105	0,307
CHR6	1686606	CHR6:1686606	SSF x LoA	-11,0322653	0,084	0,323
CHR6	1686636	CHR6:1686636	SSF x LoA	-10,2561264	-0,029	0,309

CHR6	1686670	CHR6:1686670	SSF x LoA	-10,1383378	0,010	0,296
CHR6	16899757	CHR6:16899757	SSF x LoA	-9,86281407	-0,018	0,322
CHR6	16899769	CHR6:16899769	SSF x LoA	-11,7630714	-0,003	0,304
CHR6	16899788	CHR6:16899788	SSF x LoA	-6,97181663	0,192	0,314
CHR6	1690019	CHR6:1690019	SSF x LoA	-9,9441068	0,050	0,305
CHR6	16905961	CHR6:16905961	SSF x LoA	-10,6195588	-0,018	0,311
CHR6	16906047	CHR6:16906047	SSF x LoA	-6,93863596	0,015	0,311
CHR6	16909407	CHR6:16909407	SSF x LoA	-10,4031957	-0,030	0,300
CHR6	16909458	CHR6:16909458	SSF x LoA	-10,3244128	0,040	0,311
CHR6	16909465	CHR6:16909465	SSF x LoA	-7,19526924	-0,055	0,307
CHR6	16909511	CHR6:16909511	SSF x LoA	-10,8203554	0,058	0,305
CHR6	16909515	CHR6:16909515	SSF x LoA	-9,33692514	0,049	0,324
CHR6	16913212	CHR6:16913212	SSF x LoA	-8,92313701	-0,028	0,308
CHR6	16917983	CHR6:16917983	SSF x LoA	-10,7674332	0,023	0,313
CHR6	16918028	CHR6:16918028	SSF x LoA	-9,50819008	0,054	0,307
CHR6	16918061	CHR6:16918061	SSF x LoA	-9,05893421	-0,012	0,313
CHR6	16918077	CHR6:16918077	SSF x LoA	-11,4254992	0,090	0,313
CHR6	16918139	CHR6:16918139	SSF x LoA	-10,7329789	0,045	0,298
CHR6	16925258	CHR6:16925258	SSF x LoA	-5,13451771	0,089	0,298
CHR6	16925364	CHR6:16925364	SSF x LoA	-10,517767	0,044	0,313
CHR6	16925392	CHR6:16925392	SSF x LoA	-8,28640938	0,127	0,305
CHR6	16931556	CHR6:16931556	SSF x LoA	-5,51670323	-0,200	0,303
CHR6	16931613	CHR6:16931613	SSF x LoA	-10,6638256	0,106	0,291
CHR6	16931720	CHR6:16931720	SSF x LoA	-4,73340428	-0,192	0,305
CHR6	16934679	CHR6:16934679	SSF x LoA	-7,30193759	-0,141	0,287
CHR6	16934732	CHR6:16934732	SSF x LoA	-9,61098445	0,005	0,315
CHR6	16934735	CHR6:16934735	SSF x LoA	-8,13148506	-0,142	0,297
CHR6	16942164	CHR6:16942164	SSF x LoA	-10,2208045	-0,008	0,305
CHR6	16943796	CHR6:16943796	SSF x LoA	-6,43723936	-0,097	0,314
CHR6	16944032	CHR6:16944032	SSF x LoA	-6,54948865	-0,021	0,317
CHR6	16944083	CHR6:16944083	SSF x LoA	-8,94067478	-0,061	0,309
CHR6	16950916	CHR6:16950916	SSF x LoA	-9,89087927	0,050	0,302
CHR6	16950939	CHR6:16950939	SSF x LoA	-8,58210145	0,039	0,302
CHR6	16950952	CHR6:16950952	SSF x LoA	-8,98272856	-0,094	0,292
CHR6	16951022	CHR6:16951022	SSF x LoA	-7,55254779	-0,143	0,285
CHR6	16951024	CHR6:16951024	SSF x LoA	-10,1123738	0,091	0,308
CHR6	16952861	CHR6:16952861	SSF x LoA	-9,27104502	0,069	0,313
CHR6	16956962	CHR6:16956962	SSF x LoA	-9,0080044	-0,019	0,312
CHR6	16957089	CHR6:16957089	SSF x LoA	-7,16691884	-0,129	0,297
CHR6	16958797	CHR6:16958797	SSF x LoA	-8,46911656	-0,065	0,317
CHR6	16965939	CHR6:16965939	SSF x LoA	-10,6940956	-0,050	0,307
CHR6	16965977	CHR6:16965977	SSF x LoA	-10,3344104	-0,031	0,313
CHR6	16965995	CHR6:16965995	SSF x LoA	-8,67852692	0,128	0,301
CHR6	16971759	CHR6:16971759	SSF x LoA	-10,3946309	0,044	0,302
CHR6	16974120	CHR6:16974120	SSF x LoA	-8,6081414	-0,086	0,324
CHR6	16974126	CHR6:16974126	SSF x LoA	-10,3314808	0,066	0,290
CHR6	16974172	CHR6:16974172	SSF x LoA	-7,83028523	-0,123	0,294
CHR6	16974186	CHR6:16974186	SSF x LoA	-6,63695167	0,021	0,305
CHR6	16974201	CHR6:16974201	SSF x LoA	-10,4385869	0,036	0,294
CHR6	16974215	CHR6:16974215	SSF x LoA	-8,94252133	0,054	0,301
CHR6	16974243	CHR6:16974243	SSF x LoA	-10,4319176	0,041	0,309
CHR6	16974273	CHR6:16974273	SSF x LoA	-11,0284193	0,053	0,297
CHR6	16974294	CHR6:16974294	SSF x LoA	-7,74575791	0,099	0,304

CHR6	16974347	CHR6:16974347	SSF x LoA	-2,58667676	-0,261	0,296
CHR6	1698345	CHR6:1698345	SSF x LoA	-11,245796	-0,030	0,304
CHR6	1698370	CHR6:1698370	SSF x LoA	-10,0054987	-0,021	0,307
CHR6	16985378	CHR6:16985378	SSF x LoA	-10,175924	-0,013	0,306
CHR6	16985412	CHR6:16985412	SSF x LoA	-8,96101052	0,029	0,287
CHR6	16985424	CHR6:16985424	SSF x LoA	-7,70938741	0,010	0,316
CHR6	16985453	CHR6:16985453	SSF x LoA	-10,0324591	-0,116	0,302
CHR6	16985473	CHR6:16985473	SSF x LoA	-11,3033689	-0,030	0,299
CHR6	16985487	CHR6:16985487	SSF x LoA	-9,5451554	-0,102	0,305
CHR6	16985567	CHR6:16985567	SSF x LoA	-8,86735471	-0,133	0,308
CHR6	16985570	CHR6:16985570	SSF x LoA	-8,78005156	-0,034	0,311
CHR6	16985617	CHR6:16985617	SSF x LoA	-8,29061306	-0,175	0,305
CHR6	16989243	CHR6:16989243	SSF x LoA	-10,4159612	0,087	0,303
CHR6	17005567	CHR6:17005567	SSF x LoA	-10,0338046	0,070	0,306
CHR6	17005611	CHR6:17005611	SSF x LoA	-9,78636567	-0,117	0,304
CHR6	17005662	CHR6:17005662	SSF x LoA	-11,3618633	-0,013	0,314
CHR6	17005673	CHR6:17005673	SSF x LoA	-9,93248611	0,005	0,308
CHR6	17005690	CHR6:17005690	SSF x LoA	-10,3971865	0,036	0,307
CHR6	17005722	CHR6:17005722	SSF x LoA	-10,0587227	-0,011	0,302
CHR6	17005735	CHR6:17005735	SSF x LoA	-10,6162796	0,008	0,318
CHR6	17005740	CHR6:17005740	SSF x LoA	-7,96405625	0,022	0,310
CHR6	17005763	CHR6:17005763	SSF x LoA	-11,0460239	0,057	0,305
CHR6	17005784	CHR6:17005784	SSF x LoA	-11,0425192	-0,020	0,291
CHR6	17005796	CHR6:17005796	SSF x LoA	-5,96889074	0,063	0,327
CHR6	17005801	CHR6:17005801	SSF x LoA	-8,28809663	0,043	0,306
CHR6	17005817	CHR6:17005817	SSF x LoA	-8,19815729	-0,057	0,311
CHR6	17005820	CHR6:17005820	SSF x LoA	-8,74890659	-0,062	0,308
CHR6	17011042	CHR6:17011042	SSF x LoA	-6,24720843	0,115	0,302
CHR6	17011070	CHR6:17011070	SSF x LoA	-7,66783003	-0,011	0,321
CHR6	17011086	CHR6:17011086	SSF x LoA	-11,476638	-0,084	0,298
CHR6	17011136	CHR6:17011136	SSF x LoA	-9,12467318	-0,159	0,292
CHR6	17011259	CHR6:17011259	SSF x LoA	-10,7967182	-0,086	0,292
CHR6	17014795	CHR6:17014795	SSF x LoA	-9,91972731	0,011	0,308
CHR6	17014890	CHR6:17014890	SSF x LoA	-6,33326578	-0,249	0,289
CHR6	17014891	CHR6:17014891	SSF x LoA	-6,36763062	0,181	0,304
CHR6	17014919	CHR6:17014919	SSF x LoA	-4,93182617	0,170	0,310
CHR6	17023886	CHR6:17023886	SSF x LoA	-8,00976117	0,029	0,300
CHR6	17024070	CHR6:17024070	SSF x LoA	-5,33098574	0,172	0,291
CHR6	17024081	CHR6:17024081	SSF x LoA	-3,71436762	0,200	0,290
CHR6	17025797	CHR6:17025797	SSF x LoA	-9,44692065	0,124	0,291
CHR6	17025819	CHR6:17025819	SSF x LoA	-10,8659821	-0,020	0,309
CHR6	17025909	CHR6:17025909	SSF x LoA	-6,87511164	-0,135	0,311
CHR6	17030612	CHR6:17030612	SSF x LoA	-8,0558842	-0,061	0,314
CHR6	17033854	CHR6:17033854	SSF x LoA	-8,83993696	-0,145	0,291
CHR6	17034173	CHR6:17034173	SSF x LoA	-0,0273693	-0,152	0,305
CHR6	17034176	CHR6:17034176	SSF x LoA	-8,95627849	0,013	0,308
CHR6	17034189	CHR6:17034189	SSF x LoA	-7,74521753	-0,132	0,290
CHR6	17037757	CHR6:17037757	SSF x LoA	-10,2041771	-0,019	0,308
CHR6	17037763	CHR6:17037763	SSF x LoA	-8,69089566	0,014	0,316
CHR6	17037772	CHR6:17037772	SSF x LoA	-7,71279521	0,151	0,298
CHR6	17037777	CHR6:17037777	SSF x LoA	-8,19066125	0,056	0,307
CHR6	17037786	CHR6:17037786	SSF x LoA	-10,3940188	0,117	0,302
CHR6	17037794	CHR6:17037794	SSF x LoA	-2,59851753	0,137	0,293

CHR6	17037846	CHR6:17037846	SSF x LoA	-10,257008	-0,043	0,305
CHR6	17037879	CHR6:17037879	SSF x LoA	-8,55318349	-0,086	0,312
CHR6	17037949	CHR6:17037949	SSF x LoA	-7,7136692	-0,051	0,324
CHR6	17037968	CHR6:17037968	SSF x LoA	-8,89345394	0,113	0,305
CHR6	17037969	CHR6:17037969	SSF x LoA	-7,83112711	0,129	0,310
CHR6	17045816	CHR6:17045816	SSF x LoA	-8,47316624	0,055	0,309
CHR6	17045831	CHR6:17045831	SSF x LoA	-8,53347423	-0,008	0,307
CHR6	17045910	CHR6:17045910	SSF x LoA	-11,1969756	-0,024	0,308
CHR6	17046034	CHR6:17046034	SSF x LoA	-9,38047795	-0,024	0,305
CHR6	17050616	CHR6:17050616	SSF x LoA	-8,5229088	-0,009	0,306
CHR6	17050618	CHR6:17050618	SSF x LoA	-7,54274117	0,018	0,316
CHR6	17050619	CHR6:17050619	SSF x LoA	-8,72846033	0,001	0,315
CHR6	17050624	CHR6:17050624	SSF x LoA	-8,51938074	-0,005	0,317
CHR6	1706131	CHR6:1706131	SSF x LoA	-9,44030679	-0,068	0,295
CHR6	1706132	CHR6:1706132	SSF x LoA	-11,4293508	-0,069	0,313
CHR6	1706237	CHR6:1706237	SSF x LoA	1,28755731	-0,059	0,298
CHR6	17075507	CHR6:17075507	SSF x LoA	-8,06592464	-0,134	0,295
CHR6	17075532	CHR6:17075532	SSF x LoA	0,55247637	0,024	0,308
CHR6	17075546	CHR6:17075546	SSF x LoA	-3,1726907	-0,144	0,308
CHR6	17075559	CHR6:17075559	SSF x LoA	-8,43517909	0,009	0,315
CHR6	17075586	CHR6:17075586	SSF x LoA	-9,94389173	0,009	0,313
CHR6	17075661	CHR6:17075661	SSF x LoA	-10,3586383	-0,003	0,299
CHR6	17077838	CHR6:17077838	SSF x LoA	-6,5432485	0,010	0,309
CHR6	17077910	CHR6:17077910	SSF x LoA	-10,7712598	0,035	0,302
CHR6	17077912	CHR6:17077912	SSF x LoA	-4,57151613	-0,233	0,299
CHR6	17082212	CHR6:17082212	SSF x LoA	-9,59894946	-0,115	0,317
CHR6	17082223	CHR6:17082223	SSF x LoA	-6,90768407	-0,170	0,285
CHR6	17098142	CHR6:17098142	SSF x LoA	-11,663916	-0,075	0,305
CHR6	17100358	CHR6:17100358	SSF x LoA	-10,1099314	0,035	0,311
CHR6	17100591	CHR6:17100591	SSF x LoA	-9,25608814	-0,001	0,297
CHR6	17101814	CHR6:17101814	SSF x LoA	-9,17727466	0,037	0,306
CHR6	1710599	CHR6:1710599	SSF x LoA	-8,1249675	-0,127	0,302
CHR6	1710671	CHR6:1710671	SSF x LoA	-1,94009957	0,085	0,326
CHR6	17108058	CHR6:17108058	SSF x LoA	-6,91137121	0,004	0,316
CHR6	17108617	CHR6:17108617	SSF x LoA	-10,3613426	0,118	0,313
CHR6	17108648	CHR6:17108648	SSF x LoA	-4,58406789	0,116	0,300
CHR6	17108657	CHR6:17108657	SSF x LoA	-9,71155415	-0,021	0,309
CHR6	17121948	CHR6:17121948	SSF x LoA	-5,49963778	-0,095	0,304
CHR6	17121983	CHR6:17121983	SSF x LoA	-7,44017108	-0,067	0,311
CHR6	17122068	CHR6:17122068	SSF x LoA	-10,1164723	0,003	0,314
CHR6	17122094	CHR6:17122094	SSF x LoA	-10,1088349	-0,007	0,313
CHR6	17122128	CHR6:17122128	SSF x LoA	-7,54937488	0,086	0,305
CHR6	17122134	CHR6:17122134	SSF x LoA	-7,75624004	0,102	0,304
CHR6	17122152	CHR6:17122152	SSF x LoA	-6,59195799	-0,047	0,310
CHR6	17122155	CHR6:17122155	SSF x LoA	-8,6348677	-0,020	0,317
CHR6	17122173	CHR6:17122173	SSF x LoA	-9,53624942	-0,031	0,307
CHR6	17122194	CHR6:17122194	SSF x LoA	-8,68137	0,038	0,308
CHR6	17132365	CHR6:17132365	SSF x LoA	-9,46904899	0,017	0,303
CHR6	17132416	CHR6:17132416	SSF x LoA	-9,76721778	-0,041	0,311
CHR6	17145028	CHR6:17145028	SSF x LoA	-7,90161582	0,119	0,289
CHR6	17145038	CHR6:17145038	SSF x LoA	-6,72907934	-0,066	0,317
CHR6	17145059	CHR6:17145059	SSF x LoA	-6,66766193	0,016	0,315
CHR6	17145078	CHR6:17145078	SSF x LoA	-8,90488386	0,066	0,315

CHR6	17145083	CHR6:17145083	SSF x LoA	-7,59456365	0,082	0,294
CHR6	17145088	CHR6:17145088	SSF x LoA	-11,6070991	0,108	0,305
CHR6	17145089	CHR6:17145089	SSF x LoA	-6,00842131	0,083	0,325
CHR6	17145097	CHR6:17145097	SSF x LoA	-8,92353374	0,003	0,311
CHR6	17145110	CHR6:17145110	SSF x LoA	-11,1977593	0,073	0,306
CHR6	17145130	CHR6:17145130	SSF x LoA	-7,91136839	0,043	0,325
CHR6	17145141	CHR6:17145141	SSF x LoA	-2,84670202	0,079	0,309
CHR6	17145167	CHR6:17145167	SSF x LoA	-9,89401432	0,046	0,301
CHR6	17145170	CHR6:17145170	SSF x LoA	-6,16799025	-0,023	0,320
CHR6	17145176	CHR6:17145176	SSF x LoA	-5,91859421	-0,008	0,313
CHR6	17145214	CHR6:17145214	SSF x LoA	-9,14216545	0,031	0,296
CHR6	17145226	CHR6:17145226	SSF x LoA	-11,8539923	0,014	0,294
CHR6	17145227	CHR6:17145227	SSF x LoA	-6,22322407	-0,059	0,306
CHR6	17145254	CHR6:17145254	SSF x LoA	-8,92318565	-0,079	0,308
CHR6	17154351	CHR6:17154351	SSF x LoA	-6,38633114	-0,092	0,305
CHR6	17154379	CHR6:17154379	SSF x LoA	-7,89629493	0,078	0,299
CHR6	17154434	CHR6:17154434	SSF x LoA	-10,9337353	-0,071	0,309
CHR6	17154473	CHR6:17154473	SSF x LoA	-7,44481118	0,094	0,310
CHR6	17154479	CHR6:17154479	SSF x LoA	-11,5500021	0,001	0,320
CHR6	17154580	CHR6:17154580	SSF x LoA	-9,15955275	-0,112	0,301
CHR6	17154615	CHR6:17154615	SSF x LoA	-8,74781759	0,072	0,317
CHR6	17158255	CHR6:17158255	SSF x LoA	-7,60102791	0,025	0,317
CHR6	1715876	CHR6:1715876	SSF x LoA	-9,04442943	-0,071	0,303
CHR6	1715910	CHR6:1715910	SSF x LoA	-10,1245654	-0,022	0,309
CHR6	1715922	CHR6:1715922	SSF x LoA	-8,733207	-0,077	0,314
CHR6	1716022	CHR6:1716022	SSF x LoA	-7,94356436	0,094	0,306
CHR6	1716048	CHR6:1716048	SSF x LoA	-10,3380436	-0,029	0,323
CHR6	1716085	CHR6:1716085	SSF x LoA	-7,89644652	-0,015	0,299
CHR6	17187767	CHR6:17187767	SSF x LoA	-6,35265177	-0,141	0,299
CHR6	17187863	CHR6:17187863	SSF x LoA	-8,74433056	0,000	0,321
CHR6	17188285	CHR6:17188285	SSF x LoA	-9,72571451	-0,122	0,293
CHR6	17188367	CHR6:17188367	SSF x LoA	-8,90812981	0,041	0,316
CHR6	17202081	CHR6:17202081	SSF x LoA	-8,95713236	-0,049	0,301
CHR6	17202116	CHR6:17202116	SSF x LoA	-10,6524801	-0,062	0,297
CHR6	17204503	CHR6:17204503	SSF x LoA	-8,29699711	0,114	0,317
CHR6	17204601	CHR6:17204601	SSF x LoA	-3,63045485	0,234	0,290
CHR6	17216935	CHR6:17216935	SSF x LoA	-10,1650504	0,042	0,301
CHR6	17219744	CHR6:17219744	SSF x LoA	-10,7430542	-0,041	0,306
CHR6	17219748	CHR6:17219748	SSF x LoA	-10,3863937	-0,020	0,316
CHR6	17219760	CHR6:17219760	SSF x LoA	-10,8506172	-0,055	0,315
CHR6	17219780	CHR6:17219780	SSF x LoA	-6,85370687	-0,034	0,314
CHR6	17221680	CHR6:17221680	SSF x LoA	-10,2486492	-0,067	0,317
CHR6	1723439	CHR6:1723439	SSF x LoA	-9,44471344	0,053	0,305
CHR6	17239149	CHR6:17239149	SSF x LoA	-10,3397438	0,011	0,311
CHR6	17239306	CHR6:17239306	SSF x LoA	-9,28514422	0,071	0,293
CHR6	17239384	CHR6:17239384	SSF x LoA	-9,4004256	-0,087	0,318
CHR6	17239389	CHR6:17239389	SSF x LoA	-10,9284445	-0,017	0,312
CHR6	17246967	CHR6:17246967	SSF x LoA	-9,50205618	-0,033	0,314
CHR6	17246993	CHR6:17246993	SSF x LoA	-9,29681706	0,052	0,316
CHR6	17247012	CHR6:17247012	SSF x LoA	-11,2947738	-0,047	0,306
CHR6	17247024	CHR6:17247024	SSF x LoA	-9,23070375	-0,018	0,305
CHR6	17247025	CHR6:17247025	SSF x LoA	-7,95732811	-0,089	0,308
CHR6	17248879	CHR6:17248879	SSF x LoA	-8,33842379	-0,038	0,302

CHR6	17248894	CHR6:17248894	SSF x LoA	-5,2047291	-0,093	0,314
CHR6	17248922	CHR6:17248922	SSF x LoA	-7,15761601	-0,012	0,317
CHR6	17248923	CHR6:17248923	SSF x LoA	-8,70297556	-0,031	0,311
CHR6	17248945	CHR6:17248945	SSF x LoA	-7,63151185	0,125	0,302
CHR6	17248946	CHR6:17248946	SSF x LoA	-9,95054168	0,097	0,306
CHR6	17248962	CHR6:17248962	SSF x LoA	-8,0555886	0,033	0,312
CHR6	17248973	CHR6:17248973	SSF x LoA	-9,23847635	0,052	0,318
CHR6	17260876	CHR6:17260876	SSF x LoA	-9,05751147	0,147	0,308
CHR6	17260914	CHR6:17260914	SSF x LoA	-10,1368271	0,015	0,309
CHR6	17260933	CHR6:17260933	SSF x LoA	-9,5029345	-0,063	0,315
CHR6	17264630	CHR6:17264630	SSF x LoA	-8,6358948	0,010	0,303
CHR6	17264642	CHR6:17264642	SSF x LoA	-7,71570031	-0,047	0,295
CHR6	17264664	CHR6:17264664	SSF x LoA	-6,26149571	-0,036	0,297
CHR6	17266968	CHR6:17266968	SSF x LoA	-8,91434779	-0,044	0,299
CHR6	17267010	CHR6:17267010	SSF x LoA	-8,58397923	0,060	0,306
CHR6	17267057	CHR6:17267057	SSF x LoA	-10,06116	-0,137	0,294
CHR6	17267061	CHR6:17267061	SSF x LoA	-9,63869822	-0,146	0,303
CHR6	17275725	CHR6:17275725	SSF x LoA	-8,5154251	-0,064	0,302
CHR6	17280370	CHR6:17280370	SSF x LoA	-9,98064804	-0,002	0,314
CHR6	17280469	CHR6:17280469	SSF x LoA	-5,33509582	-0,033	0,312
CHR6	17280509	CHR6:17280509	SSF x LoA	-8,30806232	0,055	0,311
CHR6	17280532	CHR6:17280532	SSF x LoA	-8,76188316	-0,050	0,294
CHR6	17280537	CHR6:17280537	SSF x LoA	-8,37710625	0,039	0,304
CHR6	17287866	CHR6:17287866	SSF x LoA	-9,47335078	0,013	0,305
CHR6	17289801	CHR6:17289801	SSF x LoA	-8,67334308	0,080	0,294
CHR6	17289802	CHR6:17289802	SSF x LoA	-7,45465497	-0,094	0,305
CHR6	17289831	CHR6:17289831	SSF x LoA	-5,8944776	0,078	0,300
CHR6	17289874	CHR6:17289874	SSF x LoA	-10,0399834	0,062	0,306
CHR6	17289944	CHR6:17289944	SSF x LoA	-8,02926253	-0,064	0,286
CHR6	17289949	CHR6:17289949	SSF x LoA	-8,57510587	-0,069	0,298
CHR6	17289982	CHR6:17289982	SSF x LoA	-10,0733614	-0,064	0,303
CHR6	17289997	CHR6:17289997	SSF x LoA	-11,107954	-0,030	0,301
CHR6	1730967	CHR6:1730967	SSF x LoA	-9,85830498	0,069	0,303
CHR6	1730973	CHR6:1730973	SSF x LoA	-9,17938276	0,068	0,308
CHR6	1731007	CHR6:1731007	SSF x LoA	-11,0984338	0,115	0,297
CHR6	1731021	CHR6:1731021	SSF x LoA	-8,14541958	-0,042	0,293
CHR6	1731032	CHR6:1731032	SSF x LoA	-11,0958153	0,043	0,313
CHR6	1731092	CHR6:1731092	SSF x LoA	-8,11896517	0,007	0,315
CHR6	1731093	CHR6:1731093	SSF x LoA	-11,6477366	0,010	0,307
CHR6	17311728	CHR6:17311728	SSF x LoA	-9,19034848	-0,008	0,316
CHR6	17311736	CHR6:17311736	SSF x LoA	-9,17631406	0,021	0,311
CHR6	17311770	CHR6:17311770	SSF x LoA	-8,48968745	-0,118	0,305
CHR6	17317326	CHR6:17317326	SSF x LoA	-9,57171852	0,013	0,300
CHR6	17317340	CHR6:17317340	SSF x LoA	-9,37317472	0,020	0,308
CHR6	17338505	CHR6:17338505	SSF x LoA	-7,04320313	-0,102	0,317
CHR6	17338576	CHR6:17338576	SSF x LoA	-7,31957359	-0,050	0,316
CHR6	17338589	CHR6:17338589	SSF x LoA	-5,54836359	-0,140	0,306
CHR6	17338621	CHR6:17338621	SSF x LoA	-4,51834581	-0,132	0,306
CHR6	17338640	CHR6:17338640	SSF x LoA	-5,91089411	-0,126	0,313
CHR6	17338668	CHR6:17338668	SSF x LoA	-6,77728053	0,071	0,307
CHR6	17342	CHR6:17342	SSF x LoA	-8,75175514	0,053	0,318
CHR6	1734584	CHR6:1734584	SSF x LoA	-3,77574415	0,054	0,312
CHR6	1734630	CHR6:1734630	SSF x LoA	-9,50764686	-0,019	0,310

CHR6	1734797	CHR6:1734797	SSF x LoA	-9,10060881	0,074	0,313
CHR6	17405388	CHR6:17405388	SSF x LoA	-9,84449237	0,013	0,304
CHR6	17405390	CHR6:17405390	SSF x LoA	-9,55415264	-0,048	0,312
CHR6	17405435	CHR6:17405435	SSF x LoA	-9,11388904	-0,066	0,322
CHR6	17405446	CHR6:17405446	SSF x LoA	-10,6223586	-0,011	0,312
CHR6	17405522	CHR6:17405522	SSF x LoA	-11,0325915	0,025	0,310
CHR6	17405606	CHR6:17405606	SSF x LoA	-10,0332702	-0,008	0,308
CHR6	17410260	CHR6:17410260	SSF x LoA	-11,8253341	-0,021	0,308
CHR6	17414943	CHR6:17414943	SSF x LoA	-7,89149205	0,049	0,325
CHR6	17418248	CHR6:17418248	SSF x LoA	-10,0184839	0,087	0,306
CHR6	17419880	CHR6:17419880	SSF x LoA	-4,78085008	0,147	0,308
CHR6	17419951	CHR6:17419951	SSF x LoA	-10,8063606	-0,029	0,311
CHR6	17420042	CHR6:17420042	SSF x LoA	-10,8612217	0,058	0,308
CHR6	17420087	CHR6:17420087	SSF x LoA	-11,1375102	-0,042	0,293
CHR6	17423619	CHR6:17423619	SSF x LoA	-6,111093	-0,007	0,305
CHR6	17423675	CHR6:17423675	SSF x LoA	-4,57310989	0,118	0,312
CHR6	17423677	CHR6:17423677	SSF x LoA	-7,73931955	0,032	0,315
CHR6	17423756	CHR6:17423756	SSF x LoA	-9,66233166	0,043	0,307
CHR6	17431812	CHR6:17431812	SSF x LoA	-7,52061536	0,052	0,301
CHR6	17431838	CHR6:17431838	SSF x LoA	-10,6361853	0,029	0,296
CHR6	17431855	CHR6:17431855	SSF x LoA	-9,62416719	-0,028	0,288
CHR6	17431892	CHR6:17431892	SSF x LoA	-11,2114769	-0,083	0,308
CHR6	17431914	CHR6:17431914	SSF x LoA	-10,6464705	-0,074	0,310
CHR6	17431915	CHR6:17431915	SSF x LoA	-6,80095174	0,102	0,293
CHR6	17431920	CHR6:17431920	SSF x LoA	-10,5811013	-0,118	0,300
CHR6	17460429	CHR6:17460429	SSF x LoA	-10,0421494	0,019	0,294
CHR6	17460465	CHR6:17460465	SSF x LoA	-9,88458615	0,028	0,293
CHR6	17467168	CHR6:17467168	SSF x LoA	-11,7413269	-0,012	0,303
CHR6	17472426	CHR6:17472426	SSF x LoA	-10,5930298	0,144	0,303
CHR6	17472436	CHR6:17472436	SSF x LoA	-8,07082187	0,057	0,303
CHR6	17475699	CHR6:17475699	SSF x LoA	-10,2861845	-0,087	0,299
CHR6	17477545	CHR6:17477545	SSF x LoA	-11,81104	-0,026	0,295
CHR6	17505306	CHR6:17505306	SSF x LoA	-8,04997456	-0,135	0,298
CHR6	17505311	CHR6:17505311	SSF x LoA	-8,22603144	0,130	0,310
CHR6	17505352	CHR6:17505352	SSF x LoA	-8,11900013	0,048	0,322
CHR6	17512146	CHR6:17512146	SSF x LoA	-10,725756	-0,010	0,308
CHR6	17512169	CHR6:17512169	SSF x LoA	-9,2983543	0,103	0,290
CHR6	17512220	CHR6:17512220	SSF x LoA	-5,6918589	0,125	0,318
CHR6	17513221	CHR6:17513221	SSF x LoA	-9,10167251	-0,084	0,304
CHR6	17513293	CHR6:17513293	SSF x LoA	-11,3112454	-0,010	0,295
CHR6	17513305	CHR6:17513305	SSF x LoA	-7,59497459	-0,032	0,314
CHR6	17513309	CHR6:17513309	SSF x LoA	-9,12820543	-0,060	0,316
CHR6	17524305	CHR6:17524305	SSF x LoA	-10,3454359	0,002	0,311
CHR6	17524487	CHR6:17524487	SSF x LoA	-9,82159225	-0,030	0,320
CHR6	17524493	CHR6:17524493	SSF x LoA	-9,38140987	-0,028	0,308
CHR6	17524511	CHR6:17524511	SSF x LoA	-8,21994391	0,029	0,315
CHR6	17534778	CHR6:17534778	SSF x LoA	-7,40509284	-0,108	0,307
CHR6	17537154	CHR6:17537154	SSF x LoA	-3,74975279	0,048	0,317
CHR6	17537185	CHR6:17537185	SSF x LoA	-9,54590842	-0,033	0,298
CHR6	17537216	CHR6:17537216	SSF x LoA	0,35663835	-0,154	0,303
CHR6	17537230	CHR6:17537230	SSF x LoA	-7,27870577	-0,146	0,307
CHR6	17537291	CHR6:17537291	SSF x LoA	-10,8680975	0,032	0,308
CHR6	17537346	CHR6:17537346	SSF x LoA	-9,25691081	0,021	0,307

CHR6	17537386	CHR6:17537386	SSF x LoA	-7,78199937	-0,111	0,291
CHR6	17537392	CHR6:17537392	SSF x LoA	-11,4396091	0,033	0,302
CHR6	17537403	CHR6:17537403	SSF x LoA	-7,43261029	-0,119	0,316
CHR6	17541023	CHR6:17541023	SSF x LoA	-9,87098395	-0,144	0,293
CHR6	17541026	CHR6:17541026	SSF x LoA	-9,24061506	0,034	0,314
CHR6	17541038	CHR6:17541038	SSF x LoA	-10,4331294	-0,031	0,311
CHR6	17541151	CHR6:17541151	SSF x LoA	-9,62140462	0,106	0,309
CHR6	17541180	CHR6:17541180	SSF x LoA	-4,99088357	0,107	0,312
CHR6	17541200	CHR6:17541200	SSF x LoA	-10,1858169	0,075	0,319
CHR6	17541232	CHR6:17541232	SSF x LoA	-8,8827745	0,095	0,302
CHR6	17541258	CHR6:17541258	SSF x LoA	-6,51534888	0,133	0,309
CHR6	17541262	CHR6:17541262	SSF x LoA	-10,7142268	-0,095	0,307
CHR6	17541267	CHR6:17541267	SSF x LoA	-2,72351076	-0,147	0,299
CHR6	17550273	CHR6:17550273	SSF x LoA	-11,378946	-0,021	0,301
CHR6	17550492	CHR6:17550492	SSF x LoA	-10,7676147	0,097	0,304
CHR6	17563119	CHR6:17563119	SSF x LoA	-4,02645255	0,080	0,295
CHR6	17563526	CHR6:17563526	SSF x LoA	-9,59816734	0,051	0,294
CHR6	17566337	CHR6:17566337	SSF x LoA	-6,25133312	-0,017	0,310
CHR6	17567559	CHR6:17567559	SSF x LoA	-10,6255079	-0,117	0,303
CHR6	17567571	CHR6:17567571	SSF x LoA	-9,58317084	0,021	0,306
CHR6	17567685	CHR6:17567685	SSF x LoA	-10,4877252	0,034	0,312
CHR6	17567729	CHR6:17567729	SSF x LoA	-9,03606663	-0,036	0,330
CHR6	17567732	CHR6:17567732	SSF x LoA	-9,77234181	-0,035	0,308
CHR6	17567755	CHR6:17567755	SSF x LoA	-9,18736326	0,008	0,316
CHR6	17567761	CHR6:17567761	SSF x LoA	-11,7736199	0,037	0,300
CHR6	17567809	CHR6:17567809	SSF x LoA	-2,67204306	0,007	0,325
CHR6	17567815	CHR6:17567815	SSF x LoA	-10,7305153	-0,054	0,309
CHR6	17567817	CHR6:17567817	SSF x LoA	-10,3252456	-0,077	0,302
CHR6	17584733	CHR6:17584733	SSF x LoA	-9,17893999	0,014	0,303
CHR6	17584757	CHR6:17584757	SSF x LoA	-6,99590342	-0,079	0,313
CHR6	17589798	CHR6:17589798	SSF x LoA	-10,4384793	-0,037	0,300
CHR6	17589874	CHR6:17589874	SSF x LoA	-10,70001	-0,034	0,292
CHR6	17605886	CHR6:17605886	SSF x LoA	-10,7568084	-0,072	0,299
CHR6	17606746	CHR6:17606746	SSF x LoA	-10,5566728	0,030	0,306
CHR6	17606755	CHR6:17606755	SSF x LoA	-12,2027086	-0,057	0,295
CHR6	17606771	CHR6:17606771	SSF x LoA	-12,411518	-0,050	0,299
CHR6	17606772	CHR6:17606772	SSF x LoA	-7,0646844	-0,041	0,306
CHR6	17606775	CHR6:17606775	SSF x LoA	-11,8734434	-0,041	0,308
CHR6	17606777	CHR6:17606777	SSF x LoA	-11,3323448	0,043	0,297
CHR6	17606822	CHR6:17606822	SSF x LoA	-10,505181	-0,055	0,309
CHR6	17609333	CHR6:17609333	SSF x LoA	-11,0611671	-0,016	0,302
CHR6	17613949	CHR6:17613949	SSF x LoA	-7,6987685	-0,047	0,318
CHR6	17613950	CHR6:17613950	SSF x LoA	-9,61632616	-0,052	0,301
CHR6	17613967	CHR6:17613967	SSF x LoA	2,2527594	0,003	0,309
CHR6	17613971	CHR6:17613971	SSF x LoA	-10,4309396	0,043	0,297
CHR6	17613991	CHR6:17613991	SSF x LoA	-11,6592929	0,026	0,299
CHR6	17613992	CHR6:17613992	SSF x LoA	-10,6724451	0,010	0,314
CHR6	17613994	CHR6:17613994	SSF x LoA	-8,5733847	-0,079	0,304
CHR6	17613999	CHR6:17613999	SSF x LoA	-9,15179683	0,003	0,307
CHR6	17614050	CHR6:17614050	SSF x LoA	-8,18929429	-0,108	0,299
CHR6	17614081	CHR6:17614081	SSF x LoA	-10,6988687	-0,072	0,315
CHR6	17614082	CHR6:17614082	SSF x LoA	-7,36771411	-0,102	0,297
CHR6	17614117	CHR6:17614117	SSF x LoA	-9,88801288	0,050	0,309

CHR6	17618479	CHR6:17618479	SSF x LoA	-8,35397791	0,081	0,301
CHR6	17618514	CHR6:17618514	SSF x LoA	-8,59112669	0,091	0,314
CHR6	17618542	CHR6:17618542	SSF x LoA	-9,01001447	0,045	0,309
CHR6	17619753	CHR6:17619753	SSF x LoA	-12,2081907	-0,048	0,313
CHR6	17619754	CHR6:17619754	SSF x LoA	-9,09264755	-0,043	0,303
CHR6	17619798	CHR6:17619798	SSF x LoA	-8,05284761	-0,010	0,321
CHR6	17619875	CHR6:17619875	SSF x LoA	-9,92429524	0,064	0,306
CHR6	17620264	CHR6:17620264	SSF x LoA	-7,88257987	-0,008	0,311
CHR6	17620281	CHR6:17620281	SSF x LoA	-10,1171393	0,104	0,298
CHR6	17620315	CHR6:17620315	SSF x LoA	-8,62381523	-0,061	0,302
CHR6	17620342	CHR6:17620342	SSF x LoA	-10,9091809	0,033	0,296
CHR6	17620359	CHR6:17620359	SSF x LoA	-7,37950406	0,106	0,317
CHR6	17636705	CHR6:17636705	SSF x LoA	-8,18451513	0,009	0,305
CHR6	17636762	CHR6:17636762	SSF x LoA	-6,56981667	0,046	0,320
CHR6	1763911	CHR6:1763911	SSF x LoA	-8,28750968	-0,012	0,299
CHR6	1763917	CHR6:1763917	SSF x LoA	-10,3727413	-0,056	0,302
CHR6	1764075	CHR6:1764075	SSF x LoA	-11,5401105	0,006	0,299
CHR6	1764126	CHR6:1764126	SSF x LoA	-11,451446	0,004	0,313
CHR6	1764598	CHR6:1764598	SSF x LoA	-8,88070296	-0,124	0,290
CHR6	1764656	CHR6:1764656	SSF x LoA	-9,39462283	-0,048	0,291
CHR6	1764673	CHR6:1764673	SSF x LoA	-7,60288929	0,126	0,309
CHR6	1764675	CHR6:1764675	SSF x LoA	-10,2385284	-0,101	0,296
CHR6	17652909	CHR6:17652909	SSF x LoA	-9,72743172	0,029	0,299
CHR6	17652971	CHR6:17652971	SSF x LoA	-8,85631185	0,022	0,310
CHR6	17653109	CHR6:17653109	SSF x LoA	-9,17371962	-0,044	0,306
CHR6	17653134	CHR6:17653134	SSF x LoA	-8,71090225	0,147	0,293
CHR6	17657888	CHR6:17657888	SSF x LoA	-7,05003516	-0,118	0,306
CHR6	17657971	CHR6:17657971	SSF x LoA	-7,02041871	-0,152	0,297
CHR6	17658119	CHR6:17658119	SSF x LoA	-10,6696744	0,073	0,298
CHR6	17660682	CHR6:17660682	SSF x LoA	-8,54028175	-0,012	0,310
CHR6	17660684	CHR6:17660684	SSF x LoA	-8,77096733	0,045	0,307
CHR6	17660691	CHR6:17660691	SSF x LoA	-8,95814496	0,001	0,311
CHR6	17660695	CHR6:17660695	SSF x LoA	-2,4385641	-0,026	0,301
CHR6	17660718	CHR6:17660718	SSF x LoA	-7,43716964	-0,126	0,310
CHR6	17660731	CHR6:17660731	SSF x LoA	-7,81438851	-0,040	0,314
CHR6	17660740	CHR6:17660740	SSF x LoA	-8,90550021	-0,010	0,318
CHR6	17660772	CHR6:17660772	SSF x LoA	-9,33625965	-0,015	0,304
CHR6	17666700	CHR6:17666700	SSF x LoA	-9,04340685	0,054	0,316
CHR6	17666789	CHR6:17666789	SSF x LoA	-6,92156801	-0,078	0,297
CHR6	17666796	CHR6:17666796	SSF x LoA	-10,2998619	-0,131	0,299
CHR6	17666801	CHR6:17666801	SSF x LoA	-9,03653674	-0,003	0,297
CHR6	17666878	CHR6:17666878	SSF x LoA	-9,0847799	-0,063	0,301
CHR6	17666927	CHR6:17666927	SSF x LoA	-10,4849089	-0,061	0,301
CHR6	17666953	CHR6:17666953	SSF x LoA	-7,77709928	0,075	0,307
CHR6	17671547	CHR6:17671547	SSF x LoA	-8,90136948	0,020	0,317
CHR6	17671622	CHR6:17671622	SSF x LoA	-6,33456608	0,031	0,309
CHR6	17671666	CHR6:17671666	SSF x LoA	-6,33043579	0,017	0,315
CHR6	17671715	CHR6:17671715	SSF x LoA	-10,5771109	-0,024	0,310
CHR6	17671814	CHR6:17671814	SSF x LoA	-11,2619826	0,069	0,312
CHR6	1767217	CHR6:1767217	SSF x LoA	-7,97153822	-0,046	0,306
CHR6	17686396	CHR6:17686396	SSF x LoA	-7,99184853	0,059	0,307
CHR6	17686399	CHR6:17686399	SSF x LoA	-8,21072409	-0,083	0,312
CHR6	17686468	CHR6:17686468	SSF x LoA	-10,2366539	-0,047	0,297

CHR6	17686514	CHR6:17686514	SSF x LoA	-8,65000069	-0,082	0,308
CHR6	17686522	CHR6:17686522	SSF x LoA	-11,6363939	0,084	0,300
CHR6	17687946	CHR6:17687946	SSF x LoA	-7,11227259	0,045	0,300
CHR6	17687955	CHR6:17687955	SSF x LoA	-11,4631576	-0,054	0,307
CHR6	17688196	CHR6:17688196	SSF x LoA	-7,10224802	-0,007	0,303
CHR6	17688211	CHR6:17688211	SSF x LoA	-2,0324219	0,072	0,302
CHR6	17688229	CHR6:17688229	SSF x LoA	-9,65300765	0,030	0,312
CHR6	17688244	CHR6:17688244	SSF x LoA	-10,5995049	0,034	0,311
CHR6	17698747	CHR6:17698747	SSF x LoA	-3,99468636	-0,068	0,296
CHR6	17698902	CHR6:17698902	SSF x LoA	-6,45489157	-0,180	0,297
CHR6	17698914	CHR6:17698914	SSF x LoA	-10,404642	-0,088	0,303
CHR6	17698936	CHR6:17698936	SSF x LoA	-11,3037331	0,030	0,306
CHR6	17708035	CHR6:17708035	SSF x LoA	-4,70619457	0,161	0,318
CHR6	17708038	CHR6:17708038	SSF x LoA	-11,5793072	-0,014	0,299
CHR6	17708118	CHR6:17708118	SSF x LoA	-9,04666436	-0,048	0,313
CHR6	17709897	CHR6:17709897	SSF x LoA	-7,14998817	-0,095	0,311
CHR6	17709927	CHR6:17709927	SSF x LoA	-8,65571587	-0,047	0,315
CHR6	17709983	CHR6:17709983	SSF x LoA	-10,4683639	-0,114	0,298
CHR6	17719703	CHR6:17719703	SSF x LoA	-11,6566659	-0,038	0,306
CHR6	17735903	CHR6:17735903	SSF x LoA	-6,64370274	-0,126	0,316
CHR6	17735948	CHR6:17735948	SSF x LoA	-8,54169574	0,041	0,291
CHR6	17735995	CHR6:17735995	SSF x LoA	-8,38498156	-0,002	0,303
CHR6	17736014	CHR6:17736014	SSF x LoA	-7,49468938	-0,004	0,321
CHR6	17736082	CHR6:17736082	SSF x LoA	-8,45635481	0,054	0,313
CHR6	17742506	CHR6:17742506	SSF x LoA	-10,383074	0,052	0,312
CHR6	17742578	CHR6:17742578	SSF x LoA	-10,5989934	0,035	0,311
CHR6	17748939	CHR6:17748939	SSF x LoA	-10,0149252	-0,044	0,312
CHR6	17748988	CHR6:17748988	SSF x LoA	-5,76669098	-0,146	0,308
CHR6	17757638	CHR6:17757638	SSF x LoA	-7,57341628	-0,134	0,310
CHR6	17757788	CHR6:17757788	SSF x LoA	-8,80896252	0,101	0,302
CHR6	17760610	CHR6:17760610	SSF x LoA	-8,67601991	0,000	0,321
CHR6	17770056	CHR6:17770056	SSF x LoA	-7,47571593	-0,077	0,288
CHR6	17770209	CHR6:17770209	SSF x LoA	-10,749039	-0,077	0,303
CHR6	17776659	CHR6:17776659	SSF x LoA	-8,87710468	-0,045	0,290
CHR6	17776673	CHR6:17776673	SSF x LoA	-8,39279463	0,099	0,296
CHR6	17776691	CHR6:17776691	SSF x LoA	-6,71344545	0,117	0,309
CHR6	17776786	CHR6:17776786	SSF x LoA	-10,2331897	0,074	0,320
CHR6	17776809	CHR6:17776809	SSF x LoA	-12,1039213	0,027	0,309
CHR6	17781442	CHR6:17781442	SSF x LoA	-9,86592939	-0,019	0,298
CHR6	17781497	CHR6:17781497	SSF x LoA	-5,83065609	-0,059	0,325
CHR6	17781506	CHR6:17781506	SSF x LoA	-9,18654918	0,033	0,308
CHR6	17781610	CHR6:17781610	SSF x LoA	-4,7307575	-0,155	0,309
CHR6	17813162	CHR6:17813162	SSF x LoA	-11,6912148	0,026	0,305
CHR6	17813209	CHR6:17813209	SSF x LoA	-7,14790873	-0,007	0,313
CHR6	17813262	CHR6:17813262	SSF x LoA	-6,03632731	0,058	0,302
CHR6	17813340	CHR6:17813340	SSF x LoA	-9,78763018	0,113	0,304
CHR6	17813344	CHR6:17813344	SSF x LoA	-7,99817283	-0,038	0,309
CHR6	17813395	CHR6:17813395	SSF x LoA	-9,40994755	0,076	0,291
CHR6	17815455	CHR6:17815455	SSF x LoA	-9,08138684	-0,093	0,319
CHR6	17823009	CHR6:17823009	SSF x LoA	-6,14603066	-0,049	0,321
CHR6	17823072	CHR6:17823072	SSF x LoA	-11,1151556	-0,032	0,319
CHR6	17823112	CHR6:17823112	SSF x LoA	-5,29657678	0,140	0,302
CHR6	17829183	CHR6:17829183	SSF x LoA	-6,59713724	0,076	0,314

CHR6	17829234	CHR6:17829234	SSF x LoA	-8,60684744	-0,097	0,288
CHR6	17844722	CHR6:17844722	SSF x LoA	-9,15938191	0,010	0,323
CHR6	1785070	CHR6:1785070	SSF x LoA	-7,20756821	0,064	0,320
CHR6	17851906	CHR6:17851906	SSF x LoA	-4,31796079	-0,057	0,317
CHR6	17851922	CHR6:17851922	SSF x LoA	-7,72940755	0,007	0,318
CHR6	17852887	CHR6:17852887	SSF x LoA	-6,2150528	0,128	0,314
CHR6	17852932	CHR6:17852932	SSF x LoA	-7,67342236	-0,105	0,307
CHR6	17852942	CHR6:17852942	SSF x LoA	-8,26907529	-0,009	0,314
CHR6	17852944	CHR6:17852944	SSF x LoA	-10,1968435	-0,075	0,301
CHR6	17852953	CHR6:17852953	SSF x LoA	4,86244897	-0,075	0,315
CHR6	17852978	CHR6:17852978	SSF x LoA	-7,60897182	-0,072	0,314
CHR6	17852985	CHR6:17852985	SSF x LoA	-9,37469935	-0,081	0,302
CHR6	17856671	CHR6:17856671	SSF x LoA	-11,731249	-0,012	0,306
CHR6	17856706	CHR6:17856706	SSF x LoA	-9,92461945	0,017	0,303
CHR6	17856867	CHR6:17856867	SSF x LoA	-10,3261919	0,110	0,303
CHR6	17856870	CHR6:17856870	SSF x LoA	-9,72162099	-0,051	0,317
CHR6	17856957	CHR6:17856957	SSF x LoA	-10,7805804	-0,089	0,307
CHR6	17866364	CHR6:17866364	SSF x LoA	-9,12584238	-0,028	0,306
CHR6	17866589	CHR6:17866589	SSF x LoA	-5,51886986	-0,050	0,315
CHR6	17868799	CHR6:17868799	SSF x LoA	-8,16039659	-0,030	0,307
CHR6	17868841	CHR6:17868841	SSF x LoA	-9,43509224	0,001	0,298
CHR6	17875334	CHR6:17875334	SSF x LoA	-9,04643617	-0,011	0,296
CHR6	17875510	CHR6:17875510	SSF x LoA	-4,00000455	-0,012	0,298
CHR6	17877176	CHR6:17877176	SSF x LoA	-11,7523761	-0,023	0,300
CHR6	17899342	CHR6:17899342	SSF x LoA	-8,75715556	-0,106	0,307
CHR6	17899359	CHR6:17899359	SSF x LoA	-11,2372122	-0,020	0,310
CHR6	17899367	CHR6:17899367	SSF x LoA	-7,50629006	-0,009	0,306
CHR6	17899456	CHR6:17899456	SSF x LoA	-10,264317	0,035	0,305
CHR6	17899500	CHR6:17899500	SSF x LoA	-9,27030087	0,026	0,297
CHR6	17904449	CHR6:17904449	SSF x LoA	-8,24584679	0,000	0,306
CHR6	17904506	CHR6:17904506	SSF x LoA	-4,6652888	0,135	0,311
CHR6	17904574	CHR6:17904574	SSF x LoA	-10,7792424	-0,036	0,305
CHR6	1791868	CHR6:1791868	SSF x LoA	-8,05215674	0,058	0,309
CHR6	17919918	CHR6:17919918	SSF x LoA	-11,3154286	0,033	0,299
CHR6	17926758	CHR6:17926758	SSF x LoA	-11,2235864	-0,060	0,299
CHR6	17926808	CHR6:17926808	SSF x LoA	-9,71983455	-0,017	0,303
CHR6	17934833	CHR6:17934833	SSF x LoA	-7,3367918	0,102	0,293
CHR6	17937641	CHR6:17937641	SSF x LoA	-9,38305036	0,014	0,314
CHR6	17937745	CHR6:17937745	SSF x LoA	-2,74172592	0,022	0,306
CHR6	17986970	CHR6:17986970	SSF x LoA	-9,10402164	-0,001	0,302
CHR6	17986984	CHR6:17986984	SSF x LoA	-10,6093753	-0,124	0,306
CHR6	17987047	CHR6:17987047	SSF x LoA	-5,67015746	-0,128	0,323
CHR6	17988745	CHR6:17988745	SSF x LoA	-11,5496439	-0,024	0,297
CHR6	17999797	CHR6:17999797	SSF x LoA	-11,9398695	-0,020	0,308
CHR6	17999821	CHR6:17999821	SSF x LoA	-8,3060897	-0,039	0,296
CHR6	18003196	CHR6:18003196	SSF x LoA	-9,83354844	0,029	0,297
CHR6	18003354	CHR6:18003354	SSF x LoA	-10,9503958	0,048	0,305
CHR6	18007176	CHR6:18007176	SSF x LoA	-9,21483923	0,008	0,309
CHR6	18007219	CHR6:18007219	SSF x LoA	-8,51315131	-0,117	0,303
CHR6	18008829	CHR6:18008829	SSF x LoA	-7,48557857	-0,039	0,304
CHR6	18008853	CHR6:18008853	SSF x LoA	-8,72033391	-0,013	0,305
CHR6	18015173	CHR6:18015173	SSF x LoA	-8,97671896	-0,124	0,300
CHR6	18015196	CHR6:18015196	SSF x LoA	-8,32564019	0,139	0,307

CHR6	18015205	CHR6:18015205	SSF x LoA	-8,48650767	0,121	0,314
CHR6	18015228	CHR6:18015228	SSF x LoA	-9,40806791	0,093	0,314
CHR6	18015246	CHR6:18015246	SSF x LoA	-2,54707579	0,146	0,301
CHR6	18015261	CHR6:18015261	SSF x LoA	-7,07541858	-0,042	0,311
CHR6	1801601	CHR6:1801601	SSF x LoA	-7,65269871	-0,163	0,311
CHR6	1801688	CHR6:1801688	SSF x LoA	-6,46811174	0,088	0,326
CHR6	1801847	CHR6:1801847	SSF x LoA	-7,44676969	0,010	0,322
CHR6	18023849	CHR6:18023849	SSF x LoA	-7,16354671	0,157	0,295
CHR6	18023918	CHR6:18023918	SSF x LoA	0,67747478	0,138	0,300
CHR6	18029259	CHR6:18029259	SSF x LoA	-8,92268868	0,034	0,311
CHR6	18029299	CHR6:18029299	SSF x LoA	-10,3712901	0,010	0,291
CHR6	18029378	CHR6:18029378	SSF x LoA	-4,55804625	0,077	0,302
CHR6	18029380	CHR6:18029380	SSF x LoA	-9,16034765	0,059	0,312
CHR6	18029393	CHR6:18029393	SSF x LoA	-8,28258188	0,030	0,325
CHR6	18035259	CHR6:18035259	SSF x LoA	-8,42962065	0,044	0,317
CHR6	18041903	CHR6:18041903	SSF x LoA	-9,55484178	0,020	0,308
CHR6	18054838	CHR6:18054838	SSF x LoA	-11,196616	0,068	0,310
CHR6	18054844	CHR6:18054844	SSF x LoA	-11,0001165	-0,030	0,301
CHR6	18054884	CHR6:18054884	SSF x LoA	-10,9611194	0,042	0,309
CHR6	18054938	CHR6:18054938	SSF x LoA	-11,5171864	0,014	0,307
CHR6	18066885	CHR6:18066885	SSF x LoA	-11,37609	0,016	0,299
CHR6	18067336	CHR6:18067336	SSF x LoA	-9,01301375	0,066	0,304
CHR6	18067342	CHR6:18067342	SSF x LoA	-12,12093	0,054	0,302
CHR6	18068630	CHR6:18068630	SSF x LoA	-9,90279734	0,001	0,299
CHR6	18070204	CHR6:18070204	SSF x LoA	-5,38445354	-0,164	0,295
CHR6	18070259	CHR6:18070259	SSF x LoA	-5,6102854	0,137	0,299
CHR6	18070267	CHR6:18070267	SSF x LoA	-11,4334473	0,079	0,296
CHR6	18070270	CHR6:18070270	SSF x LoA	-9,58929702	-0,008	0,304
CHR6	18077535	CHR6:18077535	SSF x LoA	-8,49166579	0,087	0,311
CHR6	18079956	CHR6:18079956	SSF x LoA	-2,93061261	-0,090	0,323
CHR6	18081347	CHR6:18081347	SSF x LoA	-9,02265306	0,064	0,291
CHR6	18081369	CHR6:18081369	SSF x LoA	-10,5884846	0,107	0,301
CHR6	18081402	CHR6:18081402	SSF x LoA	-8,26050054	-0,117	0,297
CHR6	18081414	CHR6:18081414	SSF x LoA	-8,71824754	-0,043	0,319
CHR6	18081415	CHR6:18081415	SSF x LoA	-4,37238423	-0,121	0,294
CHR6	18081446	CHR6:18081446	SSF x LoA	-9,49154467	-0,089	0,299
CHR6	18081481	CHR6:18081481	SSF x LoA	-8,06831529	0,030	0,316
CHR6	18081524	CHR6:18081524	SSF x LoA	-11,0057438	-0,070	0,309
CHR6	18093841	CHR6:18093841	SSF x LoA	-9,34045792	-0,058	0,297
CHR6	18096329	CHR6:18096329	SSF x LoA	-9,17534119	0,018	0,305
CHR6	18096383	CHR6:18096383	SSF x LoA	-11,6202058	-0,022	0,302
CHR6	18098265	CHR6:18098265	SSF x LoA	-10,4687382	-0,069	0,305
CHR6	18098322	CHR6:18098322	SSF x LoA	-9,37123936	-0,020	0,294
CHR6	18098349	CHR6:18098349	SSF x LoA	-10,5337214	0,053	0,303
CHR6	18098374	CHR6:18098374	SSF x LoA	-6,3992264	-0,092	0,284
CHR6	18098436	CHR6:18098436	SSF x LoA	-7,2199111	0,015	0,320
CHR6	18098450	CHR6:18098450	SSF x LoA	-8,35540156	0,036	0,317
CHR6	18103829	CHR6:18103829	SSF x LoA	-9,44292052	0,005	0,311
CHR6	18112576	CHR6:18112576	SSF x LoA	-12,3714219	0,051	0,294
CHR6	18112704	CHR6:18112704	SSF x LoA	-6,15969618	0,081	0,312
CHR6	18112725	CHR6:18112725	SSF x LoA	-7,96395173	0,052	0,305
CHR6	18112741	CHR6:18112741	SSF x LoA	-8,08451305	0,015	0,326
CHR6	18112765	CHR6:18112765	SSF x LoA	16,803658	0,022	0,307

CHR6	18112774	CHR6:18112774	SSF x LoA	-9,10577389	0,024	0,316
CHR6	18112776	CHR6:18112776	SSF x LoA	-7,72678401	-0,023	0,317
CHR6	18112810	CHR6:18112810	SSF x LoA	-10,0899729	0,089	0,301
CHR6	18115150	CHR6:18115150	SSF x LoA	-7,495571	-0,100	0,305
CHR6	18120174	CHR6:18120174	SSF x LoA	-7,2919639	-0,052	0,308
CHR6	18146658	CHR6:18146658	SSF x LoA	-9,16906571	0,049	0,298
CHR6	18146703	CHR6:18146703	SSF x LoA	-11,164167	0,013	0,317
CHR6	18146773	CHR6:18146773	SSF x LoA	-9,96296444	0,005	0,294
CHR6	18151826	CHR6:18151826	SSF x LoA	-11,9929272	0,061	0,307
CHR6	18151902	CHR6:18151902	SSF x LoA	-10,7293297	0,063	0,304
CHR6	18151966	CHR6:18151966	SSF x LoA	-10,6393205	0,002	0,318
CHR6	18151996	CHR6:18151996	SSF x LoA	-11,7934199	0,050	0,303
CHR6	18152006	CHR6:18152006	SSF x LoA	-9,33800193	-0,030	0,302
CHR6	18156942	CHR6:18156942	SSF x LoA	-6,63606622	0,028	0,309
CHR6	18156961	CHR6:18156961	SSF x LoA	-10,1682137	0,067	0,307
CHR6	18156979	CHR6:18156979	SSF x LoA	-7,37678845	0,035	0,302
CHR6	18157332	CHR6:18157332	SSF x LoA	-9,29006572	-0,084	0,308
CHR6	18157401	CHR6:18157401	SSF x LoA	-10,1068337	0,041	0,311
CHR6	18157521	CHR6:18157521	SSF x LoA	-9,43842291	0,061	0,318
CHR6	18170892	CHR6:18170892	SSF x LoA	6,97722904	0,050	0,299
CHR6	18170899	CHR6:18170899	SSF x LoA	-9,8733775	-0,070	0,307
CHR6	18170923	CHR6:18170923	SSF x LoA	-10,0954428	0,048	0,307
CHR6	18171053	CHR6:18171053	SSF x LoA	-11,2202764	0,043	0,308
CHR6	18190232	CHR6:18190232	SSF x LoA	-9,53155557	-0,074	0,312
CHR6	18190329	CHR6:18190329	SSF x LoA	-4,45742495	0,227	0,297
CHR6	18190425	CHR6:18190425	SSF x LoA	-11,6254447	-0,044	0,299
CHR6	18195757	CHR6:18195757	SSF x LoA	-9,61490133	-0,026	0,303
CHR6	18195914	CHR6:18195914	SSF x LoA	-7,67917162	0,102	0,308
CHR6	18196216	CHR6:18196216	SSF x LoA	-1,27988894	0,097	0,296
CHR6	18196256	CHR6:18196256	SSF x LoA	-5,84832198	-0,100	0,319
CHR6	18196314	CHR6:18196314	SSF x LoA	-10,4168933	0,046	0,312
CHR6	18198332	CHR6:18198332	SSF x LoA	-10,4258238	-0,104	0,297
CHR6	18202272	CHR6:18202272	SSF x LoA	-7,5984462	-0,165	0,296
CHR6	18223515	CHR6:18223515	SSF x LoA	-8,43863769	-0,003	0,313
CHR6	18226190	CHR6:18226190	SSF x LoA	-8,59266726	0,067	0,304
CHR6	18226239	CHR6:18226239	SSF x LoA	-10,3947813	0,054	0,303
CHR6	18226246	CHR6:18226246	SSF x LoA	-9,49265529	0,016	0,297
CHR6	18226356	CHR6:18226356	SSF x LoA	-9,71049394	0,027	0,302
CHR6	18226368	CHR6:18226368	SSF x LoA	-8,73510965	-0,055	0,313
CHR6	18235090	CHR6:18235090	SSF x LoA	-9,93622707	-0,019	0,298
CHR6	18235129	CHR6:18235129	SSF x LoA	-12,0395301	-0,012	0,300
CHR6	18235151	CHR6:18235151	SSF x LoA	-7,98018207	-0,005	0,310
CHR6	18235372	CHR6:18235372	SSF x LoA	-8,72140902	0,028	0,307
CHR6	18250155	CHR6:18250155	SSF x LoA	-9,94184077	0,032	0,312
CHR6	18260992	CHR6:18260992	SSF x LoA	-9,38848692	0,010	0,304
CHR6	18261077	CHR6:18261077	SSF x LoA	-8,24360188	-0,055	0,298
CHR6	18263666	CHR6:18263666	SSF x LoA	-9,94726268	0,002	0,314
CHR6	18263702	CHR6:18263702	SSF x LoA	-11,3692121	0,064	0,305
CHR6	18263716	CHR6:18263716	SSF x LoA	-6,25803912	-0,110	0,310
CHR6	18274438	CHR6:18274438	SSF x LoA	-6,67440721	-0,139	0,294
CHR6	18282014	CHR6:18282014	SSF x LoA	-8,42444937	-0,067	0,309
CHR6	18282275	CHR6:18282275	SSF x LoA	-8,1572104	-0,003	0,327
CHR6	18286851	CHR6:18286851	SSF x LoA	-10,0311895	-0,045	0,318

CHR6	18286975	CHR6:18286975	SSF x LoA	-7,5403583	-0,017	0,314
CHR6	18291392	CHR6:18291392	SSF x LoA	-8,07255117	0,132	0,299
CHR6	18293108	CHR6:18293108	SSF x LoA	-9,37550917	-0,110	0,303
CHR6	18293118	CHR6:18293118	SSF x LoA	-9,51600655	-0,118	0,296
CHR6	18293140	CHR6:18293140	SSF x LoA	-9,47130747	-0,148	0,318
CHR6	18293159	CHR6:18293159	SSF x LoA	-7,23205329	-0,040	0,317
CHR6	18293414	CHR6:18293414	SSF x LoA	-8,24572568	0,155	0,312
CHR6	18306371	CHR6:18306371	SSF x LoA	-8,49723602	0,042	0,299
CHR6	18306393	CHR6:18306393	SSF x LoA	-11,6217966	-0,098	0,302
CHR6	18306429	CHR6:18306429	SSF x LoA	-6,49902096	0,064	0,299
CHR6	18306433	CHR6:18306433	SSF x LoA	-9,60996933	-0,132	0,319
CHR6	18306457	CHR6:18306457	SSF x LoA	0,60498933	0,088	0,303
CHR6	18306478	CHR6:18306478	SSF x LoA	-9,91842849	0,023	0,314
CHR6	18308164	CHR6:18308164	SSF x LoA	-8,49424075	0,078	0,308
CHR6	18308361	CHR6:18308361	SSF x LoA	-8,68323067	-0,030	0,309
CHR6	18320878	CHR6:18320878	SSF x LoA	-4,89387201	-0,185	0,288
CHR6	18320887	CHR6:18320887	SSF x LoA	0,14282722	-0,214	0,294
CHR6	18324758	CHR6:18324758	SSF x LoA	-11,5552271	-0,001	0,296
CHR6	18332293	CHR6:18332293	SSF x LoA	-11,7498617	0,003	0,298
CHR6	18332356	CHR6:18332356	SSF x LoA	-8,88947257	0,014	0,315
CHR6	18333722	CHR6:18333722	SSF x LoA	-8,3858214	-0,040	0,308
CHR6	18333751	CHR6:18333751	SSF x LoA	-8,35904904	-0,006	0,308
CHR6	18338845	CHR6:18338845	SSF x LoA	-8,21786716	0,047	0,303
CHR6	18338944	CHR6:18338944	SSF x LoA	-2,22174461	0,027	0,320
CHR6	18350901	CHR6:18350901	SSF x LoA	-10,4810674	0,135	0,304
CHR6	18362563	CHR6:18362563	SSF x LoA	-9,46212195	-0,088	0,313
CHR6	1836484	CHR6:1836484	SSF x LoA	-10,6822723	-0,057	0,307
CHR6	1836526	CHR6:1836526	SSF x LoA	-8,84296448	0,039	0,302
CHR6	1836529	CHR6:1836529	SSF x LoA	-8,91109071	0,027	0,299
CHR6	1836539	CHR6:1836539	SSF x LoA	-8,18211941	-0,108	0,311
CHR6	1836596	CHR6:1836596	SSF x LoA	-6,93715437	0,207	0,284
CHR6	18375066	CHR6:18375066	SSF x LoA	-7,17298896	0,105	0,321
CHR6	18375212	CHR6:18375212	SSF x LoA	-9,354253	0,124	0,303
CHR6	18375238	CHR6:18375238	SSF x LoA	-4,18631228	-0,190	0,298
CHR6	1837672	CHR6:1837672	SSF x LoA	-9,34989023	0,035	0,312
CHR6	1839343	CHR6:1839343	SSF x LoA	-8,18853707	0,021	0,320
CHR6	1840244	CHR6:1840244	SSF x LoA	-8,92946353	-0,035	0,311
CHR6	1840399	CHR6:1840399	SSF x LoA	-11,6336524	-0,113	0,303
CHR6	1840409	CHR6:1840409	SSF x LoA	-9,47962477	-0,119	0,311
CHR6	1840423	CHR6:1840423	SSF x LoA	-7,30553984	-0,077	0,316
CHR6	1840443	CHR6:1840443	SSF x LoA	-9,1942751	0,117	0,302
CHR6	18426517	CHR6:18426517	SSF x LoA	-8,18539388	0,140	0,302
CHR6	1844934	CHR6:1844934	SSF x LoA	-4,69639665	-0,030	0,312
CHR6	18471575	CHR6:18471575	SSF x LoA	-10,016068	-0,119	0,283
CHR6	18471618	CHR6:18471618	SSF x LoA	-5,94390942	-0,022	0,303
CHR6	18471623	CHR6:18471623	SSF x LoA	-7,50757924	-0,112	0,307
CHR6	18471657	CHR6:18471657	SSF x LoA	-9,49692291	-0,167	0,286
CHR6	18471668	CHR6:18471668	SSF x LoA	-6,74247153	0,135	0,309
CHR6	18471673	CHR6:18471673	SSF x LoA	-9,35494669	0,037	0,304
CHR6	18471677	CHR6:18471677	SSF x LoA	-9,28249237	0,033	0,303
CHR6	18471684	CHR6:18471684	SSF x LoA	-8,98789371	-0,012	0,310
CHR6	18471738	CHR6:18471738	SSF x LoA	-8,792669	-0,121	0,294
CHR6	18481735	CHR6:18481735	SSF x LoA	-7,89036485	0,103	0,295

CHR6	18481738	CHR6:18481738	SSF x LoA	-9,04126476	0,037	0,310
CHR6	18486496	CHR6:18486496	SSF x LoA	-6,39414331	-0,163	0,296
CHR6	18486608	CHR6:18486608	SSF x LoA	-6,08017518	-0,062	0,304
CHR6	18486663	CHR6:18486663	SSF x LoA	-10,5734956	0,046	0,308
CHR6	18494352	CHR6:18494352	SSF x LoA	-10,6607575	0,066	0,312
CHR6	18505652	CHR6:18505652	SSF x LoA	-10,506276	-0,021	0,307
CHR6	18505681	CHR6:18505681	SSF x LoA	-11,0101419	-0,045	0,306
CHR6	18510355	CHR6:18510355	SSF x LoA	-8,65180695	-0,047	0,310
CHR6	18510384	CHR6:18510384	SSF x LoA	-10,9922931	0,091	0,309
CHR6	18510433	CHR6:18510433	SSF x LoA	-9,11547144	-0,012	0,311
CHR6	18529251	CHR6:18529251	SSF x LoA	-8,41394768	0,097	0,304
CHR6	18534890	CHR6:18534890	SSF x LoA	-2,05918296	-0,142	0,311
CHR6	18534917	CHR6:18534917	SSF x LoA	-8,37216096	-0,105	0,298
CHR6	18534933	CHR6:18534933	SSF x LoA	-12,2111052	0,030	0,305
CHR6	18534965	CHR6:18534965	SSF x LoA	-11,1619667	0,034	0,311
CHR6	18537065	CHR6:18537065	SSF x LoA	-9,33960163	0,016	0,327
CHR6	18537145	CHR6:18537145	SSF x LoA	-10,3599309	-0,008	0,306
CHR6	18537186	CHR6:18537186	SSF x LoA	-8,72831414	-0,021	0,307
CHR6	18537247	CHR6:18537247	SSF x LoA	-12,2716298	-0,051	0,298
CHR6	18537260	CHR6:18537260	SSF x LoA	-10,8438042	-0,026	0,310
CHR6	1853764	CHR6:1853764	SSF x LoA	-9,09958722	0,061	0,307
CHR6	18540124	CHR6:18540124	SSF x LoA	-7,91913984	-0,012	0,323
CHR6	18540149	CHR6:18540149	SSF x LoA	-7,85314423	-0,014	0,311
CHR6	18540205	CHR6:18540205	SSF x LoA	-9,25943272	-0,123	0,302
CHR6	18540219	CHR6:18540219	SSF x LoA	-7,31675836	-0,068	0,315
CHR6	1854783	CHR6:1854783	SSF x LoA	-9,12516569	-0,082	0,296
CHR6	18548269	CHR6:18548269	SSF x LoA	-10,4552711	-0,038	0,297
CHR6	18548270	CHR6:18548270	SSF x LoA	-5,17546249	-0,103	0,299
CHR6	18548282	CHR6:18548282	SSF x LoA	-8,55899601	0,092	0,316
CHR6	18548296	CHR6:18548296	SSF x LoA	-7,57372845	0,082	0,309
CHR6	18548307	CHR6:18548307	SSF x LoA	-8,90750269	-0,108	0,303
CHR6	18548437	CHR6:18548437	SSF x LoA	-8,24034395	0,044	0,313
CHR6	18548454	CHR6:18548454	SSF x LoA	-6,73333163	-0,089	0,305
CHR6	18548462	CHR6:18548462	SSF x LoA	-5,65673666	-0,140	0,307
CHR6	18548463	CHR6:18548463	SSF x LoA	-9,96156955	-0,049	0,300
CHR6	18552182	CHR6:18552182	SSF x LoA	-9,4144058	-0,084	0,315
CHR6	18552206	CHR6:18552206	SSF x LoA	-10,6910994	0,038	0,302
CHR6	18555874	CHR6:18555874	SSF x LoA	-10,5803527	0,021	0,313
CHR6	18560854	CHR6:18560854	SSF x LoA	-8,00770573	-0,035	0,307
CHR6	18572264	CHR6:18572264	SSF x LoA	-6,05810482	-0,045	0,318
CHR6	18572271	CHR6:18572271	SSF x LoA	-9,79100835	-0,067	0,316
CHR6	18572293	CHR6:18572293	SSF x LoA	-9,50851337	-0,044	0,323
CHR6	18579191	CHR6:18579191	SSF x LoA	-8,00738115	0,095	0,291
CHR6	18579246	CHR6:18579246	SSF x LoA	-7,92761791	-0,127	0,293
CHR6	18579248	CHR6:18579248	SSF x LoA	-9,64061179	-0,108	0,296
CHR6	18579266	CHR6:18579266	SSF x LoA	-7,84111085	0,017	0,322
CHR6	18595277	CHR6:18595277	SSF x LoA	-9,00034884	-0,112	0,310
CHR6	18595292	CHR6:18595292	SSF x LoA	-10,193454	0,063	0,309
CHR6	18595370	CHR6:18595370	SSF x LoA	-10,1192978	-0,115	0,298
CHR6	18595419	CHR6:18595419	SSF x LoA	-9,69045249	0,133	0,301
CHR6	18595421	CHR6:18595421	SSF x LoA	-7,49543388	0,145	0,296
CHR6	18595477	CHR6:18595477	SSF x LoA	-5,06084616	0,038	0,309
CHR6	18608957	CHR6:18608957	SSF x LoA	-9,84929013	0,024	0,302

CHR6	18608979	CHR6:18608979	SSF x LoA	-8,57076618	-0,041	0,314
CHR6	18609024	CHR6:18609024	SSF x LoA	-4,74298701	-0,023	0,317
CHR6	18609032	CHR6:18609032	SSF x LoA	-4,41919322	-0,067	0,306
CHR6	18609101	CHR6:18609101	SSF x LoA	-10,5429996	0,042	0,298
CHR6	18609111	CHR6:18609111	SSF x LoA	-8,61773395	0,044	0,313
CHR6	18616813	CHR6:18616813	SSF x LoA	-9,14174521	-0,117	0,315
CHR6	18616819	CHR6:18616819	SSF x LoA	-8,14368495	-0,053	0,312
CHR6	18620695	CHR6:18620695	SSF x LoA	-10,1532816	-0,055	0,318
CHR6	18620704	CHR6:18620704	SSF x LoA	-10,7858081	0,048	0,289
CHR6	18620720	CHR6:18620720	SSF x LoA	-11,8623907	0,024	0,321
CHR6	18620853	CHR6:18620853	SSF x LoA	-8,62392677	-0,054	0,313
CHR6	18620856	CHR6:18620856	SSF x LoA	-8,9342073	-0,001	0,305
CHR6	18620859	CHR6:18620859	SSF x LoA	-8,95353292	-0,036	0,307
CHR6	18620911	CHR6:18620911	SSF x LoA	-9,03369204	-0,057	0,308
CHR6	18620937	CHR6:18620937	SSF x LoA	-7,23359832	0,076	0,304
CHR6	18626629	CHR6:18626629	SSF x LoA	-9,51288927	0,064	0,301
CHR6	18631155	CHR6:18631155	SSF x LoA	-9,53633802	0,120	0,278
CHR6	18631166	CHR6:18631166	SSF x LoA	-10,34003	0,054	0,304
CHR6	18631221	CHR6:18631221	SSF x LoA	-9,31133039	0,092	0,295
CHR6	18631258	CHR6:18631258	SSF x LoA	-9,64785638	0,007	0,297
CHR6	18640414	CHR6:18640414	SSF x LoA	-10,2677436	0,044	0,313
CHR6	18646467	CHR6:18646467	SSF x LoA	-8,53403186	-0,095	0,307
CHR6	18646489	CHR6:18646489	SSF x LoA	-8,17893007	-0,098	0,306
CHR6	18646507	CHR6:18646507	SSF x LoA	-8,62050192	0,076	0,302
CHR6	18646513	CHR6:18646513	SSF x LoA	-10,7826684	-0,041	0,304
CHR6	18646531	CHR6:18646531	SSF x LoA	-8,97900377	-0,073	0,313
CHR6	18646585	CHR6:18646585	SSF x LoA	-7,88967581	0,056	0,326
CHR6	18646597	CHR6:18646597	SSF x LoA	-10,7230672	-0,002	0,309
CHR6	18646611	CHR6:18646611	SSF x LoA	-9,42785107	0,020	0,310
CHR6	18646618	CHR6:18646618	SSF x LoA	-5,96163424	0,053	0,318
CHR6	18651763	CHR6:18651763	SSF x LoA	-10,7507275	0,051	0,309
CHR6	18651964	CHR6:18651964	SSF x LoA	-6,95909122	-0,037	0,302
CHR6	18651989	CHR6:18651989	SSF x LoA	-11,6027766	0,003	0,298
CHR6	18654612	CHR6:18654612	SSF x LoA	-8,86278338	-0,137	0,307
CHR6	18654666	CHR6:18654666	SSF x LoA	-7,14968401	0,023	0,307
CHR6	18657843	CHR6:18657843	SSF x LoA	-10,9798598	-0,027	0,309
CHR6	18657858	CHR6:18657858	SSF x LoA	-8,77786587	0,108	0,314
CHR6	18657917	CHR6:18657917	SSF x LoA	-10,2218797	0,062	0,310
CHR6	18661671	CHR6:18661671	SSF x LoA	-9,94567891	0,044	0,310
CHR6	18663688	CHR6:18663688	SSF x LoA	-7,06007499	-0,107	0,306
CHR6	18665917	CHR6:18665917	SSF x LoA	-5,836438	0,128	0,280
CHR6	18677036	CHR6:18677036	SSF x LoA	-9,29388939	0,112	0,303
CHR6	18677127	CHR6:18677127	SSF x LoA	-8,8001161	-0,020	0,311
CHR6	18677152	CHR6:18677152	SSF x LoA	-10,705427	-0,023	0,303
CHR6	18686500	CHR6:18686500	SSF x LoA	-6,48173036	-0,116	0,304
CHR6	18686506	CHR6:18686506	SSF x LoA	-10,9965368	0,117	0,301
CHR6	18686669	CHR6:18686669	SSF x LoA	-11,4592158	0,071	0,295
CHR6	18686674	CHR6:18686674	SSF x LoA	-11,7687683	0,047	0,302
CHR6	18688153	CHR6:18688153	SSF x LoA	-11,1041418	-0,003	0,305
CHR6	18688163	CHR6:18688163	SSF x LoA	-10,8658341	0,004	0,299
CHR6	18688169	CHR6:18688169	SSF x LoA	-9,96315405	0,007	0,304
CHR6	18688215	CHR6:18688215	SSF x LoA	-10,1518138	-0,004	0,294
CHR6	18688220	CHR6:18688220	SSF x LoA	-10,685644	-0,005	0,309

CHR6	18688226	CHR6:18688226	SSF x LoA	-10,1409039	0,023	0,303
CHR6	18688230	CHR6:18688230	SSF x LoA	-6,34476965	0,015	0,300
CHR6	18688251	CHR6:18688251	SSF x LoA	-8,70607902	0,026	0,300
CHR6	18688252	CHR6:18688252	SSF x LoA	-8,60294015	0,027	0,298
CHR6	18688256	CHR6:18688256	SSF x LoA	-7,91354814	0,029	0,307
CHR6	1868948	CHR6:1868948	SSF x LoA	-11,8076424	0,040	0,296
CHR6	1868992	CHR6:1868992	SSF x LoA	-9,12541119	0,050	0,313
CHR6	1869010	CHR6:1869010	SSF x LoA	-8,86598214	0,058	0,308
CHR6	18693397	CHR6:18693397	SSF x LoA	-10,9149772	0,020	0,313
CHR6	18701554	CHR6:18701554	SSF x LoA	-10,021695	-0,050	0,299
CHR6	18707475	CHR6:18707475	SSF x LoA	-11,6006008	-0,076	0,304
CHR6	18707691	CHR6:18707691	SSF x LoA	-10,3259266	0,081	0,318
CHR6	18717308	CHR6:18717308	SSF x LoA	-9,08291555	0,115	0,294
CHR6	18720553	CHR6:18720553	SSF x LoA	-1,18596378	-0,025	0,301
CHR6	18722889	CHR6:18722889	SSF x LoA	-9,7123835	-0,076	0,298
CHR6	18723123	CHR6:18723123	SSF x LoA	-9,73155023	-0,035	0,308
CHR6	18732457	CHR6:18732457	SSF x LoA	-7,49331518	-0,173	0,296
CHR6	18732493	CHR6:18732493	SSF x LoA	-10,8684611	0,067	0,311
CHR6	18734902	CHR6:18734902	SSF x LoA	-9,57710889	0,085	0,302
CHR6	18734960	CHR6:18734960	SSF x LoA	-7,19256013	-0,123	0,315
CHR6	18735060	CHR6:18735060	SSF x LoA	-9,60654354	0,039	0,323
CHR6	18738268	CHR6:18738268	SSF x LoA	-10,8870236	-0,027	0,306
CHR6	18738313	CHR6:18738313	SSF x LoA	-8,98322563	0,040	0,316
CHR6	18738323	CHR6:18738323	SSF x LoA	-7,38577755	-0,048	0,311
CHR6	18738389	CHR6:18738389	SSF x LoA	-7,02779072	0,050	0,311
CHR6	18738437	CHR6:18738437	SSF x LoA	-8,52470851	0,042	0,317
CHR6	18740652	CHR6:18740652	SSF x LoA	-8,12899897	0,038	0,298
CHR6	18745350	CHR6:18745350	SSF x LoA	-9,65586558	-0,035	0,306
CHR6	18746707	CHR6:18746707	SSF x LoA	-8,34475634	0,089	0,299
CHR6	18753858	CHR6:18753858	SSF x LoA	-9,40042199	0,050	0,317
CHR6	18759398	CHR6:18759398	SSF x LoA	-9,51185154	0,094	0,304
CHR6	18777521	CHR6:18777521	SSF x LoA	-8,47518516	0,014	0,304
CHR6	18777535	CHR6:18777535	SSF x LoA	-11,0525828	-0,010	0,308
CHR6	18785056	CHR6:18785056	SSF x LoA	-9,53495598	0,090	0,303
CHR6	18792110	CHR6:18792110	SSF x LoA	-7,95599406	-0,079	0,308
CHR6	18792143	CHR6:18792143	SSF x LoA	-9,00550565	0,068	0,310
CHR6	18792160	CHR6:18792160	SSF x LoA	-9,04475056	-0,018	0,307
CHR6	18792207	CHR6:18792207	SSF x LoA	-7,12849714	-0,111	0,295
CHR6	18821126	CHR6:18821126	SSF x LoA	-10,7193277	0,032	0,299
CHR6	18821162	CHR6:18821162	SSF x LoA	-10,9790381	0,036	0,304
CHR6	18828530	CHR6:18828530	SSF x LoA	-10,9605927	0,050	0,312
CHR6	18838855	CHR6:18838855	SSF x LoA	-11,905704	-0,054	0,313
CHR6	18838860	CHR6:18838860	SSF x LoA	-11,5597262	-0,033	0,314
CHR6	18838919	CHR6:18838919	SSF x LoA	-4,61494492	0,111	0,299
CHR6	18838929	CHR6:18838929	SSF x LoA	-10,309572	0,034	0,303
CHR6	18843693	CHR6:18843693	SSF x LoA	-10,9570698	0,041	0,308
CHR6	18843749	CHR6:18843749	SSF x LoA	-7,87159077	-0,063	0,307
CHR6	18843916	CHR6:18843916	SSF x LoA	-8,79540203	0,062	0,312
CHR6	18843927	CHR6:18843927	SSF x LoA	-7,25543725	0,131	0,303
CHR6	18850767	CHR6:18850767	SSF x LoA	-6,91263645	-0,021	0,321
CHR6	18850771	CHR6:18850771	SSF x LoA	-6,83247779	-0,013	0,304
CHR6	18850807	CHR6:18850807	SSF x LoA	-9,59530637	-0,057	0,300
CHR6	18850929	CHR6:18850929	SSF x LoA	-8,97742488	-0,096	0,303

CHR6	18850931	CHR6:18850931	SSF x LoA	-8,99554883	-0,088	0,308
CHR6	18850946	CHR6:18850946	SSF x LoA	-6,07458416	-0,120	0,304
CHR6	18863283	CHR6:18863283	SSF x LoA	-10,3213362	0,063	0,308
CHR6	18863353	CHR6:18863353	SSF x LoA	-5,72286988	0,102	0,304
CHR6	18891554	CHR6:18891554	SSF x LoA	-3,41162961	0,134	0,297
CHR6	18891555	CHR6:18891555	SSF x LoA	-5,07809409	-0,074	0,320
CHR6	1889169	CHR6:1889169	SSF x LoA	-10,5428702	-0,035	0,307
CHR6	18891743	CHR6:18891743	SSF x LoA	-8,31214251	0,072	0,304
CHR6	18891755	CHR6:18891755	SSF x LoA	-8,88706657	-0,026	0,303
CHR6	18896114	CHR6:18896114	SSF x LoA	-9,22851757	-0,049	0,302
CHR6	18896127	CHR6:18896127	SSF x LoA	-10,586373	-0,001	0,315
CHR6	18896162	CHR6:18896162	SSF x LoA	-9,43315093	0,098	0,301
CHR6	18896175	CHR6:18896175	SSF x LoA	-9,5079903	-0,053	0,310
CHR6	18896179	CHR6:18896179	SSF x LoA	-8,69831079	0,027	0,303
CHR6	18896225	CHR6:18896225	SSF x LoA	-10,1874803	-0,029	0,308
CHR6	18899003	CHR6:18899003	SSF x LoA	-10,8254369	0,070	0,313
CHR6	18903841	CHR6:18903841	SSF x LoA	-8,54959309	-0,014	0,323
CHR6	18903852	CHR6:18903852	SSF x LoA	-9,77775605	-0,005	0,306
CHR6	18909525	CHR6:18909525	SSF x LoA	-8,27398323	0,001	0,315
CHR6	18909531	CHR6:18909531	SSF x LoA	-9,41207611	0,036	0,310
CHR6	18909592	CHR6:18909592	SSF x LoA	-8,2504557	-0,108	0,308
CHR6	1894482	CHR6:1894482	SSF x LoA	-9,75472573	-0,051	0,293
CHR6	1894638	CHR6:1894638	SSF x LoA	-12,0457728	0,003	0,306
CHR6	1894679	CHR6:1894679	SSF x LoA	-10,9835135	-0,025	0,300
CHR6	18958847	CHR6:18958847	SSF x LoA	-11,9707366	0,024	0,294
CHR6	18958874	CHR6:18958874	SSF x LoA	-8,33531526	0,009	0,288
CHR6	18961571	CHR6:18961571	SSF x LoA	-10,1325004	-0,043	0,320
CHR6	18972969	CHR6:18972969	SSF x LoA	-10,3887519	-0,040	0,316
CHR6	18973386	CHR6:18973386	SSF x LoA	-4,25256043	-0,202	0,282
CHR6	18973512	CHR6:18973512	SSF x LoA	-10,9072136	0,030	0,303
CHR6	18983799	CHR6:18983799	SSF x LoA	-10,3154972	-0,014	0,314
CHR6	18985465	CHR6:18985465	SSF x LoA	-11,3259826	0,030	0,299
CHR6	18988887	CHR6:18988887	SSF x LoA	-10,7446784	0,064	0,311
CHR6	18988923	CHR6:18988923	SSF x LoA	-7,07840294	0,161	0,300
CHR6	18991307	CHR6:18991307	SSF x LoA	-8,13377109	0,011	0,308
CHR6	19011522	CHR6:19011522	SSF x LoA	-10,9680779	0,100	0,306
CHR6	19011538	CHR6:19011538	SSF x LoA	-9,16328196	0,076	0,307
CHR6	19011542	CHR6:19011542	SSF x LoA	-9,63705544	0,091	0,310
CHR6	19018653	CHR6:19018653	SSF x LoA	-11,0549861	-0,039	0,304
CHR6	19018663	CHR6:19018663	SSF x LoA	-9,28874242	-0,016	0,302
CHR6	19018665	CHR6:19018665	SSF x LoA	-9,28462696	0,033	0,314
CHR6	19018678	CHR6:19018678	SSF x LoA	-8,41382277	0,024	0,311
CHR6	19018731	CHR6:19018731	SSF x LoA	-10,3615097	-0,067	0,321
CHR6	19018797	CHR6:19018797	SSF x LoA	-9,2751229	0,027	0,313
CHR6	19018803	CHR6:19018803	SSF x LoA	-8,94058825	0,043	0,315
CHR6	19028126	CHR6:19028126	SSF x LoA	-11,5613563	0,011	0,316
CHR6	19028226	CHR6:19028226	SSF x LoA	-8,37403494	-0,100	0,286
CHR6	19028261	CHR6:19028261	SSF x LoA	-8,51096255	-0,015	0,302
CHR6	19028277	CHR6:19028277	SSF x LoA	-9,69562043	0,030	0,308
CHR6	19031615	CHR6:19031615	SSF x LoA	-8,71364804	-0,094	0,292
CHR6	19031660	CHR6:19031660	SSF x LoA	-8,80025177	-0,022	0,318
CHR6	19031682	CHR6:19031682	SSF x LoA	-10,6012893	0,019	0,306
CHR6	19031750	CHR6:19031750	SSF x LoA	-6,63687946	-0,060	0,307

CHR6	19031850	CHR6:19031850	SSF x LoA	-7,81923434	0,081	0,305
CHR6	19031883	CHR6:19031883	SSF x LoA	-10,0076221	-0,057	0,315
CHR6	19044109	CHR6:19044109	SSF x LoA	-9,98154064	0,112	0,310
CHR6	19045507	CHR6:19045507	SSF x LoA	-9,58372616	-0,011	0,305
CHR6	19055148	CHR6:19055148	SSF x LoA	-11,4079925	-0,056	0,306
CHR6	19055215	CHR6:19055215	SSF x LoA	-6,21754795	0,051	0,327
CHR6	19055231	CHR6:19055231	SSF x LoA	-8,95309439	0,036	0,302
CHR6	19055250	CHR6:19055250	SSF x LoA	-10,8438424	-0,004	0,309
CHR6	19055322	CHR6:19055322	SSF x LoA	-11,8649111	-0,016	0,301
CHR6	19055378	CHR6:19055378	SSF x LoA	-9,29470008	0,001	0,312
CHR6	19055385	CHR6:19055385	SSF x LoA	-9,60465138	0,052	0,305
CHR6	19055411	CHR6:19055411	SSF x LoA	-6,86938658	0,019	0,318
CHR6	19061892	CHR6:19061892	SSF x LoA	-9,66188961	0,095	0,297
CHR6	19061894	CHR6:19061894	SSF x LoA	-8,24511231	0,110	0,299
CHR6	19061934	CHR6:19061934	SSF x LoA	-10,1672948	0,117	0,306
CHR6	19061944	CHR6:19061944	SSF x LoA	-10,5190153	0,112	0,299
CHR6	19072254	CHR6:19072254	SSF x LoA	-9,87901157	0,026	0,308
CHR6	19072330	CHR6:19072330	SSF x LoA	-9,78767323	0,105	0,305
CHR6	19072362	CHR6:19072362	SSF x LoA	-9,51704368	-0,029	0,303
CHR6	19072368	CHR6:19072368	SSF x LoA	-9,39578802	0,033	0,303
CHR6	19072378	CHR6:19072378	SSF x LoA	-10,7518504	0,095	0,298
CHR6	19072384	CHR6:19072384	SSF x LoA	-10,8776283	0,048	0,304
CHR6	19078295	CHR6:19078295	SSF x LoA	-10,7370625	0,007	0,305
CHR6	19078339	CHR6:19078339	SSF x LoA	-9,84814166	-0,018	0,318
CHR6	19078343	CHR6:19078343	SSF x LoA	-10,3355094	0,030	0,313
CHR6	19078388	CHR6:19078388	SSF x LoA	-9,94409349	0,008	0,307
CHR6	19078438	CHR6:19078438	SSF x LoA	-8,6140439	0,030	0,302
CHR6	19078464	CHR6:19078464	SSF x LoA	-11,0321987	-0,091	0,297
CHR6	19078502	CHR6:19078502	SSF x LoA	-11,5297637	0,017	0,321
CHR6	19085938	CHR6:19085938	SSF x LoA	-8,41158926	0,078	0,295
CHR6	19085946	CHR6:19085946	SSF x LoA	-8,46068341	-0,109	0,295
CHR6	19087038	CHR6:19087038	SSF x LoA	-6,89042568	0,162	0,295
CHR6	19087101	CHR6:19087101	SSF x LoA	-2,7981518	-0,221	0,283
CHR6	19089701	CHR6:19089701	SSF x LoA	-9,23397229	0,062	0,311
CHR6	19089703	CHR6:19089703	SSF x LoA	-7,71244309	0,126	0,297
CHR6	19089722	CHR6:19089722	SSF x LoA	-9,34444365	0,046	0,304
CHR6	19089734	CHR6:19089734	SSF x LoA	-9,5406009	-0,002	0,303
CHR6	19089953	CHR6:19089953	SSF x LoA	-9,0921685	0,060	0,296
CHR6	1909035	CHR6:1909035	SSF x LoA	-10,2012685	-0,089	0,316
CHR6	19092425	CHR6:19092425	SSF x LoA	-9,12305509	0,034	0,299
CHR6	19107940	CHR6:19107940	SSF x LoA	-10,1207428	0,038	0,298
CHR6	19108118	CHR6:19108118	SSF x LoA	-7,97109298	-0,064	0,304
CHR6	19121347	CHR6:19121347	SSF x LoA	-8,82125763	-0,054	0,303
CHR6	19121391	CHR6:19121391	SSF x LoA	-9,34584017	0,036	0,317
CHR6	19132004	CHR6:19132004	SSF x LoA	-8,96314699	0,091	0,306
CHR6	19135190	CHR6:19135190	SSF x LoA	-7,51720604	-0,075	0,312
CHR6	19135248	CHR6:19135248	SSF x LoA	-5,53581917	-0,097	0,296
CHR6	19135308	CHR6:19135308	SSF x LoA	-7,82196752	-0,069	0,313
CHR6	19135352	CHR6:19135352	SSF x LoA	-9,1153422	-0,037	0,310
CHR6	19135371	CHR6:19135371	SSF x LoA	-4,96218469	0,236	0,277
CHR6	19136646	CHR6:19136646	SSF x LoA	-8,62856292	0,065	0,308
CHR6	19136647	CHR6:19136647	SSF x LoA	-7,21577978	0,055	0,314
CHR6	19136669	CHR6:19136669	SSF x LoA	-12,1160444	0,030	0,313

CHR6	19136670	CHR6:19136670	SSF x LoA	-8,19650135	0,037	0,311
CHR6	19143297	CHR6:19143297	SSF x LoA	-11,1131073	-0,040	0,314
CHR6	19173775	CHR6:19173775	SSF x LoA	-9,50848568	0,020	0,310
CHR6	19173839	CHR6:19173839	SSF x LoA	-8,51790581	0,032	0,306
CHR6	19173875	CHR6:19173875	SSF x LoA	-8,49109777	-0,064	0,299
CHR6	19174017	CHR6:19174017	SSF x LoA	-7,92650686	-0,053	0,317
CHR6	19175636	CHR6:19175636	SSF x LoA	-8,60933299	-0,006	0,302
CHR6	19175670	CHR6:19175670	SSF x LoA	-8,41138559	0,018	0,308
CHR6	19175672	CHR6:19175672	SSF x LoA	-6,49950772	-0,017	0,311
CHR6	19175675	CHR6:19175675	SSF x LoA	-7,2141285	-0,037	0,307
CHR6	19175749	CHR6:19175749	SSF x LoA	-8,46931102	0,046	0,301
CHR6	19175759	CHR6:19175759	SSF x LoA	-10,3272724	0,054	0,294
CHR6	19175783	CHR6:19175783	SSF x LoA	-8,94066955	-0,041	0,304
CHR6	19178948	CHR6:19178948	SSF x LoA	-6,47331531	-0,064	0,304
CHR6	19179065	CHR6:19179065	SSF x LoA	-10,5990474	0,055	0,293
CHR6	19180106	CHR6:19180106	SSF x LoA	-11,5108732	-0,042	0,297
CHR6	19181331	CHR6:19181331	SSF x LoA	-7,92856254	-0,172	0,293
CHR6	19194667	CHR6:19194667	SSF x LoA	-8,23692498	-0,001	0,305
CHR6	19194675	CHR6:19194675	SSF x LoA	-11,1462627	0,039	0,303
CHR6	19194701	CHR6:19194701	SSF x LoA	-10,4844545	0,054	0,297
CHR6	19194789	CHR6:19194789	SSF x LoA	-7,58554862	0,086	0,317
CHR6	19194818	CHR6:19194818	SSF x LoA	-11,0733034	-0,066	0,310
CHR6	1920029	CHR6:1920029	SSF x LoA	-5,23503385	0,091	0,310
CHR6	1920116	CHR6:1920116	SSF x LoA	-9,40234794	-0,106	0,293
CHR6	1920170	CHR6:1920170	SSF x LoA	-9,24879058	0,059	0,309
CHR6	1920186	CHR6:1920186	SSF x LoA	-10,5904521	-0,056	0,303
CHR6	19204036	CHR6:19204036	SSF x LoA	-8,48368585	-0,143	0,318
CHR6	19207452	CHR6:19207452	SSF x LoA	-10,3957259	0,051	0,301
CHR6	19207501	CHR6:19207501	SSF x LoA	-8,70034542	0,047	0,290
CHR6	19207549	CHR6:19207549	SSF x LoA	-6,98299919	-0,120	0,298
CHR6	19207559	CHR6:19207559	SSF x LoA	-9,03703166	0,106	0,292
CHR6	19207563	CHR6:19207563	SSF x LoA	-8,81699599	0,132	0,295
CHR6	19216997	CHR6:19216997	SSF x LoA	-9,53541505	-0,032	0,295
CHR6	19217235	CHR6:19217235	SSF x LoA	-9,48431739	-0,067	0,313
CHR6	19217257	CHR6:19217257	SSF x LoA	-3,42867431	0,008	0,312
CHR6	19221198	CHR6:19221198	SSF x LoA	-11,2834389	-0,003	0,301
CHR6	19221472	CHR6:19221472	SSF x LoA	-10,3172428	-0,042	0,304
CHR6	19221486	CHR6:19221486	SSF x LoA	-9,36346323	0,006	0,306
CHR6	19235529	CHR6:19235529	SSF x LoA	-7,75860238	0,125	0,294
CHR6	19235548	CHR6:19235548	SSF x LoA	-9,16942641	0,035	0,298
CHR6	19235593	CHR6:19235593	SSF x LoA	-7,92611508	-0,128	0,307
CHR6	19235610	CHR6:19235610	SSF x LoA	-8,60129925	0,156	0,296
CHR6	19235624	CHR6:19235624	SSF x LoA	-9,18432957	0,052	0,303
CHR6	19235655	CHR6:19235655	SSF x LoA	-10,1766609	0,100	0,308
CHR6	19240558	CHR6:19240558	SSF x LoA	-6,71011837	-0,003	0,304
CHR6	19240717	CHR6:19240717	SSF x LoA	-10,0915133	-0,057	0,291
CHR6	1924786	CHR6:1924786	SSF x LoA	-9,86786521	0,107	0,313
CHR6	19249409	CHR6:19249409	SSF x LoA	-6,76703647	-0,073	0,313
CHR6	19271703	CHR6:19271703	SSF x LoA	-11,4597071	0,042	0,289
CHR6	19271713	CHR6:19271713	SSF x LoA	9,79136979	-0,172	0,296
CHR6	19271748	CHR6:19271748	SSF x LoA	-10,2122097	0,026	0,311
CHR6	19271785	CHR6:19271785	SSF x LoA	-6,09578507	0,053	0,309
CHR6	19271794	CHR6:19271794	SSF x LoA	-11,5122892	0,171	0,311

CHR6	19271837	CHR6:19271837	SSF x LoA	-2,54514239	0,103	0,294
CHR6	19273510	CHR6:19273510	SSF x LoA	-9,87774648	0,077	0,314
CHR6	19273520	CHR6:19273520	SSF x LoA	-8,68837471	-0,030	0,306
CHR6	19278866	CHR6:19278866	SSF x LoA	-10,904133	0,006	0,309
CHR6	19278908	CHR6:19278908	SSF x LoA	-10,0597201	0,058	0,316
CHR6	19281177	CHR6:19281177	SSF x LoA	-8,88665088	0,164	0,296
CHR6	19281274	CHR6:19281274	SSF x LoA	-3,70986864	0,116	0,301
CHR6	19281291	CHR6:19281291	SSF x LoA	-4,75737252	0,119	0,300
CHR6	19282752	CHR6:19282752	SSF x LoA	-8,46832634	-0,021	0,310
CHR6	19294732	CHR6:19294732	SSF x LoA	-8,92027307	-0,042	0,313
CHR6	19294799	CHR6:19294799	SSF x LoA	-6,78237891	-0,182	0,289
CHR6	19294804	CHR6:19294804	SSF x LoA	-10,2054025	-0,075	0,312
CHR6	19294806	CHR6:19294806	SSF x LoA	-7,70066019	-0,095	0,300
CHR6	19294813	CHR6:19294813	SSF x LoA	-6,49469686	-0,186	0,299
CHR6	19294825	CHR6:19294825	SSF x LoA	-9,76483365	0,078	0,288
CHR6	19294826	CHR6:19294826	SSF x LoA	-9,86056095	0,048	0,302
CHR6	19294854	CHR6:19294854	SSF x LoA	-8,08288418	-0,075	0,307
CHR6	19294859	CHR6:19294859	SSF x LoA	-9,64934741	0,020	0,306
CHR6	19294919	CHR6:19294919	SSF x LoA	-10,5715512	0,008	0,319
CHR6	19294961	CHR6:19294961	SSF x LoA	-11,2431671	0,099	0,302
CHR6	19296725	CHR6:19296725	SSF x LoA	-8,14942519	0,115	0,298
CHR6	19296820	CHR6:19296820	SSF x LoA	-5,34681399	-0,101	0,315
CHR6	19296908	CHR6:19296908	SSF x LoA	-9,41855755	0,050	0,304
CHR6	19296939	CHR6:19296939	SSF x LoA	-8,39797443	-0,012	0,306
CHR6	19301217	CHR6:19301217	SSF x LoA	-10,4055331	0,097	0,308
CHR6	19307220	CHR6:19307220	SSF x LoA	-8,18999103	0,084	0,308
CHR6	19307275	CHR6:19307275	SSF x LoA	-9,06621319	0,073	0,311
CHR6	19307276	CHR6:19307276	SSF x LoA	-8,10925729	0,051	0,323
CHR6	19307338	CHR6:19307338	SSF x LoA	-7,86367839	0,084	0,304
CHR6	19310668	CHR6:19310668	SSF x LoA	-3,44606917	0,151	0,302
CHR6	19310670	CHR6:19310670	SSF x LoA	-8,49071298	-0,029	0,319
CHR6	19310681	CHR6:19310681	SSF x LoA	-8,36935226	-0,128	0,311
CHR6	19310707	CHR6:19310707	SSF x LoA	-8,89150247	-0,014	0,300
CHR6	19310742	CHR6:19310742	SSF x LoA	-8,80451013	-0,029	0,304
CHR6	19310748	CHR6:19310748	SSF x LoA	-6,08865357	0,020	0,299
CHR6	19330161	CHR6:19330161	SSF x LoA	-7,60820941	-0,053	0,303
CHR6	19330209	CHR6:19330209	SSF x LoA	-7,75150213	-0,054	0,319
CHR6	19330311	CHR6:19330311	SSF x LoA	-8,44454226	-0,021	0,309
CHR6	19330415	CHR6:19330415	SSF x LoA	-10,6377993	-0,084	0,310
CHR6	19330421	CHR6:19330421	SSF x LoA	-8,49586731	-0,051	0,311
CHR6	19330444	CHR6:19330444	SSF x LoA	-5,93901038	-0,110	0,304
CHR6	19330445	CHR6:19330445	SSF x LoA	-9,12075403	0,052	0,319
CHR6	19337999	CHR6:19337999	SSF x LoA	-9,59473608	-0,021	0,322
CHR6	19338079	CHR6:19338079	SSF x LoA	-10,6520798	-0,040	0,294
CHR6	1933950	CHR6:1933950	SSF x LoA	-8,27928878	0,139	0,301
CHR6	19342375	CHR6:19342375	SSF x LoA	-8,85219512	-0,108	0,299
CHR6	19347023	CHR6:19347023	SSF x LoA	-9,05548684	0,043	0,304
CHR6	19347186	CHR6:19347186	SSF x LoA	-7,9271513	0,029	0,316
CHR6	19347308	CHR6:19347308	SSF x LoA	-9,06699586	-0,016	0,315
CHR6	19359850	CHR6:19359850	SSF x LoA	-9,00513681	-0,110	0,296
CHR6	19366758	CHR6:19366758	SSF x LoA	-7,85159556	-0,124	0,295
CHR6	19366853	CHR6:19366853	SSF x LoA	-8,54256058	0,044	0,310
CHR6	19366858	CHR6:19366858	SSF x LoA	-9,5037515	0,034	0,306

CHR6	19366881	CHR6:19366881	SSF x LoA	-10,3344194	0,063	0,316
CHR6	19373498	CHR6:19373498	SSF x LoA	-8,59236981	0,037	0,295
CHR6	19378922	CHR6:19378922	SSF x LoA	-8,54311958	0,021	0,316
CHR6	19379181	CHR6:19379181	SSF x LoA	-9,76356438	-0,061	0,305
CHR6	19379187	CHR6:19379187	SSF x LoA	-7,46441819	-0,021	0,321
CHR6	1938438	CHR6:1938438	SSF x LoA	-7,79211002	0,066	0,306
CHR6	1938650	CHR6:1938650	SSF x LoA	-9,3681977	0,023	0,297
CHR6	19388726	CHR6:19388726	SSF x LoA	-10,8092173	0,070	0,309
CHR6	19388836	CHR6:19388836	SSF x LoA	-10,2930062	0,104	0,307
CHR6	19389039	CHR6:19389039	SSF x LoA	-9,27143454	-0,106	0,309
CHR6	19398059	CHR6:19398059	SSF x LoA	-11,5267255	-0,022	0,314
CHR6	19400089	CHR6:19400089	SSF x LoA	-9,6834844	0,014	0,296
CHR6	19400200	CHR6:19400200	SSF x LoA	-7,6571417	0,070	0,296
CHR6	19400235	CHR6:19400235	SSF x LoA	-7,0107762	-0,123	0,301
CHR6	19400241	CHR6:19400241	SSF x LoA	-3,81407118	-0,102	0,303
CHR6	19400253	CHR6:19400253	SSF x LoA	-3,89743656	-0,129	0,293
CHR6	19400281	CHR6:19400281	SSF x LoA	-7,30283143	-0,124	0,300
CHR6	19402964	CHR6:19402964	SSF x LoA	-10,135338	0,064	0,312
CHR6	19407623	CHR6:19407623	SSF x LoA	-10,6731473	-0,048	0,310
CHR6	19407657	CHR6:19407657	SSF x LoA	-10,9815251	0,019	0,308
CHR6	19415632	CHR6:19415632	SSF x LoA	-9,33658103	0,019	0,305
CHR6	19431726	CHR6:19431726	SSF x LoA	-5,76164402	-0,076	0,300
CHR6	19431738	CHR6:19431738	SSF x LoA	-8,6879048	-0,012	0,298
CHR6	19431797	CHR6:19431797	SSF x LoA	-10,8800371	-0,080	0,294
CHR6	19431798	CHR6:19431798	SSF x LoA	-5,6407935	0,011	0,306
CHR6	19434188	CHR6:19434188	SSF x LoA	-9,89704885	-0,078	0,306
CHR6	19434207	CHR6:19434207	SSF x LoA	-10,4882243	-0,079	0,302
CHR6	19434217	CHR6:19434217	SSF x LoA	-9,94423967	-0,083	0,305
CHR6	19434243	CHR6:19434243	SSF x LoA	-8,61432963	-0,108	0,294
CHR6	19434389	CHR6:19434389	SSF x LoA	-4,62188988	0,120	0,308
CHR6	19437554	CHR6:19437554	SSF x LoA	-10,9879761	0,034	0,304
CHR6	19445165	CHR6:19445165	SSF x LoA	-10,7840194	0,044	0,312
CHR6	19445172	CHR6:19445172	SSF x LoA	-9,44444209	-0,018	0,302
CHR6	19445236	CHR6:19445236	SSF x LoA	-11,6396088	0,022	0,286
CHR6	19445255	CHR6:19445255	SSF x LoA	-4,76745425	-0,091	0,315
CHR6	19445266	CHR6:19445266	SSF x LoA	-9,9949445	0,002	0,306
CHR6	194483	CHR6:194483	SSF x LoA	-10,5333962	-0,038	0,298
CHR6	194498	CHR6:194498	SSF x LoA	-9,28509984	-0,012	0,308
CHR6	194666	CHR6:194666	SSF x LoA	-6,95762691	-0,157	0,302
CHR6	19470421	CHR6:19470421	SSF x LoA	-12,0268663	-0,026	0,300
CHR6	19472388	CHR6:19472388	SSF x LoA	-2,77094212	0,182	0,294
CHR6	19472411	CHR6:19472411	SSF x LoA	-8,45256539	-0,104	0,314
CHR6	19475010	CHR6:19475010	SSF x LoA	-11,6720324	-0,070	0,310
CHR6	19479242	CHR6:19479242	SSF x LoA	-8,46742298	-0,108	0,300
CHR6	19479255	CHR6:19479255	SSF x LoA	-6,59857804	-0,118	0,302
CHR6	19479263	CHR6:19479263	SSF x LoA	-5,7784557	-0,007	0,302
CHR6	19479265	CHR6:19479265	SSF x LoA	-10,0007995	-0,114	0,285
CHR6	19479285	CHR6:19479285	SSF x LoA	-7,18955624	-0,029	0,314
CHR6	19479303	CHR6:19479303	SSF x LoA	-10,3042873	0,028	0,322
CHR6	19479317	CHR6:19479317	SSF x LoA	-10,4548226	0,004	0,308
CHR6	19479339	CHR6:19479339	SSF x LoA	-11,2390539	0,028	0,315
CHR6	19479349	CHR6:19479349	SSF x LoA	-6,92605207	-0,088	0,302
CHR6	19493008	CHR6:19493008	SSF x LoA	-10,4041002	0,025	0,310

CHR6	19493199	CHR6:19493199	SSF x LoA	-7,59331803	-0,021	0,312
CHR6	19493249	CHR6:19493249	SSF x LoA	-10,0638082	0,060	0,311
CHR6	19495994	CHR6:19495994	SSF x LoA	-3,82780777	-0,098	0,288
CHR6	19495995	CHR6:19495995	SSF x LoA	-9,90095203	-0,081	0,301
CHR6	19496013	CHR6:19496013	SSF x LoA	-10,1339924	-0,085	0,308
CHR6	19496014	CHR6:19496014	SSF x LoA	-10,8277923	-0,058	0,293
CHR6	19496041	CHR6:19496041	SSF x LoA	-7,97740157	-0,148	0,298
CHR6	19496086	CHR6:19496086	SSF x LoA	-7,29355754	0,108	0,301
CHR6	19496129	CHR6:19496129	SSF x LoA	-11,4363755	-0,003	0,309
CHR6	19496150	CHR6:19496150	SSF x LoA	-9,1905748	0,153	0,294
CHR6	19496179	CHR6:19496179	SSF x LoA	-3,8122199	0,103	0,304
CHR6	19496216	CHR6:19496216	SSF x LoA	-9,36230053	-0,075	0,307
CHR6	19496217	CHR6:19496217	SSF x LoA	-10,0867314	0,110	0,296
CHR6	19498857	CHR6:19498857	SSF x LoA	-8,7559656	-0,015	0,312
CHR6	2E+07	CHR6:19504073	SSF x LoA	-9,90312457	0,121	0,307
CHR6	2E+07	CHR6:19504350	SSF x LoA	-10,1450757	0,092	0,309
CHR6	2E+07	CHR6:19510153	SSF x LoA	-9,86367224	-0,036	0,303
CHR6	2E+07	CHR6:19514266	SSF x LoA	-10,360683	0,099	0,316
CHR6	2E+07	CHR6:19514493	SSF x LoA	-9,48442325	0,077	0,307
CHR6	2E+07	CHR6:19516846	SSF x LoA	-9,35341456	-0,015	0,307
CHR6	1951949	CHR6:1951949	SSF x LoA	-10,9120067	0,015	0,298
CHR6	1951968	CHR6:1951968	SSF x LoA	-5,42085265	-0,179	0,300
CHR6	1952027	CHR6:1952027	SSF x LoA	-10,3990261	0,012	0,307
CHR6	1952076	CHR6:1952076	SSF x LoA	-6,01080073	-0,114	0,305
CHR6	2E+07	CHR6:19523987	SSF x LoA	-7,1125698	-0,070	0,310
CHR6	2E+07	CHR6:19524000	SSF x LoA	-9,7084015	0,015	0,312
CHR6	2E+07	CHR6:19524028	SSF x LoA	-11,4443117	0,064	0,302
CHR6	2E+07	CHR6:19524060	SSF x LoA	-8,02876568	-0,117	0,292
CHR6	2E+07	CHR6:19524112	SSF x LoA	-8,87552348	0,053	0,311
CHR6	2E+07	CHR6:19524170	SSF x LoA	-7,47045222	-0,146	0,295
CHR6	2E+07	CHR6:19524211	SSF x LoA	-8,67676935	0,014	0,300
CHR6	2E+07	CHR6:19524231	SSF x LoA	-11,6360966	-0,024	0,310
CHR6	2E+07	CHR6:19531245	SSF x LoA	-8,15182062	0,079	0,307
CHR6	2E+07	CHR6:19531249	SSF x LoA	-8,64292358	-0,040	0,308
CHR6	2E+07	CHR6:19531453	SSF x LoA	-7,31199058	0,145	0,303
CHR6	2E+07	CHR6:19535304	SSF x LoA	-11,3375523	-0,043	0,303
CHR6	2E+07	CHR6:19535458	SSF x LoA	-10,3665488	0,033	0,305
CHR6	2E+07	CHR6:19552773	SSF x LoA	-10,0151854	-0,061	0,310
CHR6	2E+07	CHR6:19552841	SSF x LoA	-10,1513375	0,045	0,306
CHR6	2E+07	CHR6:19562726	SSF x LoA	-10,0095828	-0,014	0,320
CHR6	2E+07	CHR6:19562727	SSF x LoA	-9,70499464	-0,061	0,305
CHR6	2E+07	CHR6:19562729	SSF x LoA	-9,67666906	-0,040	0,303
CHR6	2E+07	CHR6:19562748	SSF x LoA	-9,84092671	0,047	0,300
CHR6	2E+07	CHR6:19562759	SSF x LoA	-8,45395592	-0,137	0,295
CHR6	2E+07	CHR6:19562762	SSF x LoA	-8,60433299	-0,017	0,324
CHR6	2E+07	CHR6:19562779	SSF x LoA	-8,93827115	-0,041	0,304
CHR6	2E+07	CHR6:19562783	SSF x LoA	-8,98036959	-0,059	0,302
CHR6	2E+07	CHR6:19562806	SSF x LoA	-7,97695561	-0,064	0,299
CHR6	2E+07	CHR6:19562828	SSF x LoA	-7,72440638	0,110	0,301
CHR6	2E+07	CHR6:19562831	SSF x LoA	-7,64440095	-0,093	0,303
CHR6	2E+07	CHR6:19562895	SSF x LoA	-1,22008696	-0,127	0,308
CHR6	2E+07	CHR6:19562919	SSF x LoA	-8,98251527	-0,021	0,303
CHR6	2E+07	CHR6:19562921	SSF x LoA	-10,4619543	0,087	0,296

CHR6	1956597	CHR6:1956597	SSF x LoA	-9,2113875	0,137	0,314
CHR6	2E+07	CHR6:19566415	SSF x LoA	-9,86427327	-0,013	0,314
CHR6	2E+07	CHR6:19566577	SSF x LoA	-8,78070486	0,000	0,307
CHR6	2E+07	CHR6:19569446	SSF x LoA	-8,51065593	0,104	0,307
CHR6	2E+07	CHR6:19569569	SSF x LoA	-11,1468342	-0,067	0,301
CHR6	2E+07	CHR6:19569573	SSF x LoA	-10,9788414	-0,083	0,303
CHR6	2E+07	CHR6:19569575	SSF x LoA	-10,7406686	0,014	0,297
CHR6	2E+07	CHR6:19569577	SSF x LoA	-9,97240918	-0,076	0,311
CHR6	2E+07	CHR6:19569611	SSF x LoA	-11,8313628	-0,102	0,295
CHR6	2E+07	CHR6:19578420	SSF x LoA	-8,36802203	-0,114	0,283
CHR6	2E+07	CHR6:19578441	SSF x LoA	-9,15901406	-0,034	0,305
CHR6	2E+07	CHR6:19578445	SSF x LoA	-9,63925548	0,030	0,303
CHR6	2E+07	CHR6:19578504	SSF x LoA	-10,0345656	-0,009	0,296
CHR6	2E+07	CHR6:19578558	SSF x LoA	-9,12827383	0,021	0,313
CHR6	2E+07	CHR6:19584238	SSF x LoA	-11,2596944	-0,018	0,295
CHR6	2E+07	CHR6:19584281	SSF x LoA	-10,6807804	-0,011	0,309
CHR6	2E+07	CHR6:19584343	SSF x LoA	-8,17751222	0,090	0,311
CHR6	2E+07	CHR6:19584361	SSF x LoA	-10,5959837	-0,027	0,307
CHR6	1958916	CHR6:1958916	SSF x LoA	-10,5099744	-0,079	0,305
CHR6	2E+07	CHR6:19617850	SSF x LoA	-8,19132102	0,087	0,312
CHR6	2E+07	CHR6:19617916	SSF x LoA	-7,77483087	0,133	0,302
CHR6	2E+07	CHR6:19645915	SSF x LoA	-8,93468833	-0,054	0,293
CHR6	2E+07	CHR6:19645965	SSF x LoA	-9,2845751	0,052	0,309
CHR6	2E+07	CHR6:19648125	SSF x LoA	-9,44629253	-0,052	0,302
CHR6	2E+07	CHR6:19648165	SSF x LoA	-9,26699424	-0,008	0,314
CHR6	2E+07	CHR6:19648169	SSF x LoA	-10,5809914	-0,109	0,304
CHR6	2E+07	CHR6:19648178	SSF x LoA	-8,55360395	-0,022	0,312
CHR6	2E+07	CHR6:19648208	SSF x LoA	-3,33025974	-0,189	0,294
CHR6	2E+07	CHR6:19648211	SSF x LoA	-4,54222777	0,134	0,288
CHR6	2E+07	CHR6:19648224	SSF x LoA	-7,96996569	0,088	0,303
CHR6	2E+07	CHR6:19648249	SSF x LoA	-10,390717	-0,089	0,295
CHR6	2E+07	CHR6:19648288	SSF x LoA	-9,57052108	-0,063	0,304
CHR6	2E+07	CHR6:19648297	SSF x LoA	-9,34805224	0,045	0,304
CHR6	2E+07	CHR6:19648315	SSF x LoA	-7,6420048	0,110	0,319
CHR6	1965289	CHR6:1965289	SSF x LoA	-10,2488862	0,106	0,298
CHR6	1965309	CHR6:1965309	SSF x LoA	-8,16236513	-0,006	0,308
CHR6	2E+07	CHR6:19654782	SSF x LoA	-8,54482053	-0,157	0,286
CHR6	2E+07	CHR6:19654838	SSF x LoA	-8,18517091	0,062	0,301
CHR6	2E+07	CHR6:19654842	SSF x LoA	-9,27410971	0,115	0,320
CHR6	2E+07	CHR6:19654858	SSF x LoA	-9,31767957	0,061	0,325
CHR6	2E+07	CHR6:19664915	SSF x LoA	-10,4112053	0,063	0,302
CHR6	2E+07	CHR6:19664933	SSF x LoA	-11,8943688	0,012	0,308
CHR6	2E+07	CHR6:19664949	SSF x LoA	-8,26083595	0,025	0,309
CHR6	2E+07	CHR6:19664964	SSF x LoA	-7,1114916	0,036	0,313
CHR6	2E+07	CHR6:19664977	SSF x LoA	-8,41542758	0,020	0,311
CHR6	2E+07	CHR6:19664983	SSF x LoA	-10,2623786	-0,025	0,308
CHR6	2E+07	CHR6:19665105	SSF x LoA	-10,1263723	0,026	0,295
CHR6	2E+07	CHR6:19666496	SSF x LoA	-9,73666241	0,015	0,295
CHR6	2E+07	CHR6:19666507	SSF x LoA	-7,02866102	0,032	0,308
CHR6	2E+07	CHR6:19666528	SSF x LoA	-9,75736925	-0,012	0,299
CHR6	2E+07	CHR6:19666576	SSF x LoA	-11,6850082	0,024	0,321
CHR6	2E+07	CHR6:19666600	SSF x LoA	-10,3180799	0,106	0,288
CHR6	2E+07	CHR6:19666622	SSF x LoA	-5,3080579	0,102	0,307

CHR6	2E+07	CHR6:19670356	SSF x LoA	-11,5509555	0,095	0,300
CHR6	2E+07	CHR6:19670362	SSF x LoA	-6,9697044	0,223	0,288
CHR6	2E+07	CHR6:19670373	SSF x LoA	-8,18058812	-0,075	0,313
CHR6	2E+07	CHR6:19670449	SSF x LoA	-4,80535062	0,128	0,307
CHR6	2E+07	CHR6:19673531	SSF x LoA	-9,77393264	-0,073	0,293
CHR6	2E+07	CHR6:19673540	SSF x LoA	-8,89955376	-0,005	0,305
CHR6	2E+07	CHR6:19673553	SSF x LoA	-8,82750804	-0,036	0,291
CHR6	2E+07	CHR6:19673640	SSF x LoA	-6,74200352	-0,156	0,298
CHR6	2E+07	CHR6:19676253	SSF x LoA	-7,78364508	-0,033	0,301
CHR6	2E+07	CHR6:19676299	SSF x LoA	-9,11057869	0,008	0,293
CHR6	2E+07	CHR6:19676381	SSF x LoA	-8,90739949	-0,063	0,311
CHR6	2E+07	CHR6:19681707	SSF x LoA	-8,18683113	0,080	0,301
CHR6	2E+07	CHR6:19681788	SSF x LoA	-8,74517993	0,123	0,299
CHR6	2E+07	CHR6:19681809	SSF x LoA	-8,80453019	0,147	0,303
CHR6	2E+07	CHR6:19681837	SSF x LoA	-8,57515729	-0,012	0,300
CHR6	2E+07	CHR6:19681853	SSF x LoA	-5,935652	-0,021	0,308
CHR6	2E+07	CHR6:19681862	SSF x LoA	-6,57129387	-0,063	0,302
CHR6	2E+07	CHR6:19684672	SSF x LoA	-3,50954714	0,031	0,303
CHR6	2E+07	CHR6:19684717	SSF x LoA	-6,6821275	-0,206	0,304
CHR6	2E+07	CHR6:19684731	SSF x LoA	-6,8792682	0,203	0,292
CHR6	2E+07	CHR6:19684792	SSF x LoA	-10,138694	0,019	0,298
CHR6	2E+07	CHR6:19684801	SSF x LoA	-8,79040776	-0,110	0,309
CHR6	2E+07	CHR6:19684807	SSF x LoA	-9,24697769	-0,046	0,300
CHR6	2E+07	CHR6:19684845	SSF x LoA	-6,80282853	-0,121	0,307
CHR6	2E+07	CHR6:19691318	SSF x LoA	-10,7140386	-0,021	0,300
CHR6	2E+07	CHR6:19691322	SSF x LoA	-9,65277114	0,047	0,301
CHR6	2E+07	CHR6:19691326	SSF x LoA	-4,77222785	-0,129	0,311
CHR6	2E+07	CHR6:19691360	SSF x LoA	-8,56748319	0,178	0,281
CHR6	2E+07	CHR6:19691376	SSF x LoA	-8,47335335	0,157	0,300
CHR6	2E+07	CHR6:19691392	SSF x LoA	-7,09030953	-0,161	0,301
CHR6	2E+07	CHR6:19691421	SSF x LoA	-9,46872993	-0,012	0,306
CHR6	2E+07	CHR6:19700767	SSF x LoA	-9,00989865	0,136	0,294
CHR6	2E+07	CHR6:19700782	SSF x LoA	-8,64609909	0,089	0,316
CHR6	2E+07	CHR6:19700806	SSF x LoA	-7,63192606	0,134	0,297
CHR6	2E+07	CHR6:19706695	SSF x LoA	-10,5826268	0,049	0,294
CHR6	2E+07	CHR6:19706698	SSF x LoA	-10,9670642	0,085	0,319
CHR6	2E+07	CHR6:19706707	SSF x LoA	-12,1175294	0,058	0,297
CHR6	2E+07	CHR6:19728702	SSF x LoA	-10,9650974	0,007	0,306
CHR6	2E+07	CHR6:19728774	SSF x LoA	-8,51407469	-0,005	0,307
CHR6	2E+07	CHR6:19730981	SSF x LoA	-12,4118456	0,009	0,293
CHR6	2E+07	CHR6:19731084	SSF x LoA	-9,27945445	-0,036	0,300
CHR6	2E+07	CHR6:19731113	SSF x LoA	-8,4979408	0,149	0,289
CHR6	2E+07	CHR6:19731130	SSF x LoA	-4,44028325	0,177	0,289
CHR6	2E+07	CHR6:19731139	SSF x LoA	-4,56226754	0,208	0,293
CHR6	2E+07	CHR6:19731159	SSF x LoA	-4,4844154	0,177	0,306
CHR6	2E+07	CHR6:19733531	SSF x LoA	-11,1278782	0,009	0,314
CHR6	2E+07	CHR6:19733539	SSF x LoA	-7,35737078	-0,055	0,308
CHR6	2E+07	CHR6:19733552	SSF x LoA	-8,3716388	0,050	0,319
CHR6	2E+07	CHR6:19733583	SSF x LoA	-9,06670617	0,136	0,309
CHR6	2E+07	CHR6:19746931	SSF x LoA	-6,03247331	0,240	0,283
CHR6	2E+07	CHR6:19749599	SSF x LoA	-9,82021392	0,139	0,296
CHR6	2E+07	CHR6:19749653	SSF x LoA	-11,2212056	0,030	0,307
CHR6	2E+07	CHR6:19749670	SSF x LoA	-6,66821826	-0,145	0,310

CHR6	2E+07	CHR6:19749710	SSF x LoA	-8,96125824	0,009	0,300
CHR6	2E+07	CHR6:19751604	SSF x LoA	-10,2605192	0,082	0,313
CHR6	2E+07	CHR6:19751878	SSF x LoA	-7,62252021	0,043	0,315
CHR6	2E+07	CHR6:19756999	SSF x LoA	-7,59389334	0,029	0,311
CHR6	2E+07	CHR6:19770767	SSF x LoA	-9,58318809	0,092	0,302
CHR6	2E+07	CHR6:19776907	SSF x LoA	-11,0131632	0,079	0,312
CHR6	2E+07	CHR6:19777529	SSF x LoA	-7,42054116	0,095	0,314
CHR6	2E+07	CHR6:19778663	SSF x LoA	-8,36268244	0,098	0,298
CHR6	2E+07	CHR6:19782732	SSF x LoA	-8,85473082	0,117	0,300
CHR6	2E+07	CHR6:19782755	SSF x LoA	-7,02919261	0,139	0,295
CHR6	2E+07	CHR6:19782781	SSF x LoA	-10,1882054	0,053	0,314
CHR6	2E+07	CHR6:19782790	SSF x LoA	-8,27697064	0,091	0,310
CHR6	2E+07	CHR6:19782802	SSF x LoA	-11,3556974	0,086	0,288
CHR6	2E+07	CHR6:19805705	SSF x LoA	-8,92477067	-0,001	0,311
CHR6	2E+07	CHR6:19805890	SSF x LoA	-8,98324885	-0,024	0,316
CHR6	2E+07	CHR6:19805910	SSF x LoA	-10,6612211	-0,098	0,302
CHR6	2E+07	CHR6:19805915	SSF x LoA	-8,77296153	-0,093	0,310
CHR6	2E+07	CHR6:19805926	SSF x LoA	-10,8291667	-0,015	0,317
CHR6	2E+07	CHR6:19805935	SSF x LoA	-11,0315123	-0,109	0,315
CHR6	2E+07	CHR6:19813734	SSF x LoA	-11,8339007	-0,016	0,297
CHR6	2E+07	CHR6:19813811	SSF x LoA	-10,2259131	-0,044	0,309
CHR6	1981860	CHR6:1981860	SSF x LoA	-9,39390241	0,044	0,295
CHR6	2E+07	CHR6:19818732	SSF x LoA	-2,83023436	-0,072	0,311
CHR6	2E+07	CHR6:19819379	SSF x LoA	-5,86505829	-0,025	0,314
CHR6	2E+07	CHR6:19819559	SSF x LoA	-11,6809316	-0,033	0,308
CHR6	2E+07	CHR6:19819563	SSF x LoA	-10,6107026	-0,047	0,316
CHR6	1981975	CHR6:1981975	SSF x LoA	-7,9725465	-0,058	0,308
CHR6	1982000	CHR6:1982000	SSF x LoA	-9,71994408	0,037	0,318
CHR6	1982039	CHR6:1982039	SSF x LoA	-7,19318869	0,060	0,306
CHR6	198231	CHR6:198231	SSF x LoA	-7,96826959	0,112	0,303
CHR6	2E+07	CHR6:19824811	SSF x LoA	-9,16479596	-0,040	0,307
CHR6	2E+07	CHR6:19824812	SSF x LoA	-10,0414233	-0,040	0,320
CHR6	2E+07	CHR6:19824818	SSF x LoA	-12,4299582	-0,030	0,308
CHR6	2E+07	CHR6:19824823	SSF x LoA	-9,34554255	0,008	0,313
CHR6	2E+07	CHR6:19824830	SSF x LoA	-6,57678779	-0,008	0,317
CHR6	2E+07	CHR6:19824850	SSF x LoA	-8,51253155	-0,001	0,302
CHR6	2E+07	CHR6:19824855	SSF x LoA	-9,30146237	0,012	0,321
CHR6	2E+07	CHR6:19824858	SSF x LoA	-9,47037276	-0,051	0,323
CHR6	2E+07	CHR6:19824873	SSF x LoA	-6,8722554	-0,015	0,303
CHR6	2E+07	CHR6:19824876	SSF x LoA	-11,0729773	-0,038	0,314
CHR6	2E+07	CHR6:19824877	SSF x LoA	-11,0046132	-0,063	0,304
CHR6	2E+07	CHR6:19824879	SSF x LoA	-9,59315778	-0,040	0,318
CHR6	2E+07	CHR6:19824908	SSF x LoA	-11,6017087	-0,050	0,299
CHR6	2E+07	CHR6:19829991	SSF x LoA	-6,61079858	0,092	0,305
CHR6	2E+07	CHR6:19836853	SSF x LoA	-9,56392996	0,008	0,303
CHR6	2E+07	CHR6:19836862	SSF x LoA	-9,59113803	-0,016	0,309
CHR6	2E+07	CHR6:19836902	SSF x LoA	-8,79276754	-0,036	0,307
CHR6	2E+07	CHR6:19862966	SSF x LoA	-8,46286671	-0,002	0,322
CHR6	2E+07	CHR6:19881813	SSF x LoA	-12,2597155	-0,021	0,306
CHR6	2E+07	CHR6:19889136	SSF x LoA	-9,79295487	0,023	0,317
CHR6	2E+07	CHR6:19890003	SSF x LoA	-8,36144167	-0,171	0,306
CHR6	2E+07	CHR6:19896920	SSF x LoA	-9,28287762	-0,025	0,316
CHR6	2E+07	CHR6:19899061	SSF x LoA	-9,34097639	0,104	0,296

CHR6	2E+07	CHR6:19899111	SSF x LoA	-8,65214792	-0,080	0,309
CHR6	2E+07	CHR6:19899141	SSF x LoA	-9,60252869	-0,138	0,305
CHR6	2E+07	CHR6:19899160	SSF x LoA	-11,1666812	-0,035	0,304
CHR6	2E+07	CHR6:19899165	SSF x LoA	-9,84075392	-0,049	0,298
CHR6	2E+07	CHR6:19899242	SSF x LoA	-8,72687953	0,064	0,295
CHR6	2E+07	CHR6:19899257	SSF x LoA	-7,86590528	0,037	0,301
CHR6	2E+07	CHR6:19899261	SSF x LoA	-9,03360919	0,014	0,309
CHR6	2E+07	CHR6:19899289	SSF x LoA	-8,35508642	-0,053	0,285
CHR6	2E+07	CHR6:19902611	SSF x LoA	-9,68346127	-0,008	0,320
CHR6	2E+07	CHR6:19902699	SSF x LoA	-10,8325784	0,023	0,293
CHR6	2E+07	CHR6:19902737	SSF x LoA	-11,3631186	-0,024	0,309
CHR6	2E+07	CHR6:19913719	SSF x LoA	-8,82665566	0,094	0,305
CHR6	2E+07	CHR6:19915631	SSF x LoA	-6,80914077	0,030	0,304
CHR6	2E+07	CHR6:19915752	SSF x LoA	-10,5500089	0,043	0,309
CHR6	2E+07	CHR6:19920617	SSF x LoA	-10,1919833	-0,117	0,296
CHR6	2E+07	CHR6:19920666	SSF x LoA	-10,8361581	0,096	0,302
CHR6	2E+07	CHR6:19920677	SSF x LoA	-10,709769	0,085	0,293
CHR6	2E+07	CHR6:19920678	SSF x LoA	-10,7052567	0,027	0,306
CHR6	2E+07	CHR6:19920725	SSF x LoA	-10,0174784	-0,074	0,288
CHR6	2E+07	CHR6:19920782	SSF x LoA	-10,6650337	-0,054	0,304
CHR6	2E+07	CHR6:19920783	SSF x LoA	-11,405446	-0,028	0,298
CHR6	2E+07	CHR6:19920784	SSF x LoA	-10,3633065	-0,031	0,300
CHR6	2E+07	CHR6:19920785	SSF x LoA	-11,4477098	-0,028	0,292
CHR6	2E+07	CHR6:19920829	SSF x LoA	-8,5943221	-0,049	0,304
CHR6	2E+07	CHR6:19924138	SSF x LoA	-8,31346696	-0,197	0,301
CHR6	2E+07	CHR6:19924142	SSF x LoA	-7,9759849	-0,172	0,300
CHR6	2E+07	CHR6:19924238	SSF x LoA	-10,0272032	0,006	0,300
CHR6	2E+07	CHR6:19924264	SSF x LoA	-7,22747728	-0,062	0,300
CHR6	2E+07	CHR6:19924279	SSF x LoA	-9,11693506	0,051	0,310
CHR6	2E+07	CHR6:19924281	SSF x LoA	-8,29918004	0,038	0,313
CHR6	2E+07	CHR6:19924286	SSF x LoA	-9,4780715	0,042	0,309
CHR6	2E+07	CHR6:19935767	SSF x LoA	-9,4032312	-0,051	0,309
CHR6	2E+07	CHR6:19935787	SSF x LoA	-8,91312661	-0,009	0,311
CHR6	2E+07	CHR6:19935824	SSF x LoA	-9,98489946	0,027	0,306
CHR6	2E+07	CHR6:19935831	SSF x LoA	-8,77356768	0,046	0,316
CHR6	2E+07	CHR6:19935833	SSF x LoA	-6,32081274	0,035	0,323
CHR6	2E+07	CHR6:19935864	SSF x LoA	-8,47160374	0,084	0,310
CHR6	2E+07	CHR6:19935904	SSF x LoA	-9,14549483	-0,012	0,304
CHR6	2E+07	CHR6:19935913	SSF x LoA	-10,3313554	0,013	0,306
CHR6	2E+07	CHR6:19935915	SSF x LoA	-10,3811406	-0,022	0,310
CHR6	2E+07	CHR6:19935923	SSF x LoA	-8,26204642	0,021	0,296
CHR6	2E+07	CHR6:19935944	SSF x LoA	-8,24824676	-0,008	0,302
CHR6	2E+07	CHR6:19948964	SSF x LoA	-7,63667678	0,028	0,315
CHR6	2E+07	CHR6:19948991	SSF x LoA	-8,74418863	0,072	0,311
CHR6	2E+07	CHR6:19948995	SSF x LoA	-8,64875594	-0,151	0,311
CHR6	2E+07	CHR6:19953093	SSF x LoA	-9,00203121	0,018	0,316
CHR6	2E+07	CHR6:19953103	SSF x LoA	-7,31217216	-0,102	0,301
CHR6	2E+07	CHR6:19955602	SSF x LoA	-8,00772605	0,014	0,302
CHR6	2E+07	CHR6:19955744	SSF x LoA	-10,0391957	-0,083	0,305
CHR6	2E+07	CHR6:19960416	SSF x LoA	-9,38062914	0,084	0,295
CHR6	2E+07	CHR6:19960516	SSF x LoA	-7,12427978	0,117	0,309
CHR6	1996489	CHR6:1996489	SSF x LoA	-10,0532105	-0,029	0,307
CHR6	2E+07	CHR6:19968833	SSF x LoA	-10,5339121	-0,021	0,308

CHR6	2E+07	CHR6:19968834	SSF x LoA	-10,2638496	0,002	0,299
CHR6	2E+07	CHR6:19968895	SSF x LoA	-8,07647919	0,023	0,328
CHR6	2E+07	CHR6:19968910	SSF x LoA	-8,41584504	0,041	0,301
CHR6	2E+07	CHR6:19968928	SSF x LoA	-10,1586802	0,006	0,318
CHR6	2E+07	CHR6:19968940	SSF x LoA	-7,94143666	-0,093	0,297
CHR6	2E+07	CHR6:19968953	SSF x LoA	-8,35240735	-0,025	0,314
CHR6	2E+07	CHR6:19968986	SSF x LoA	-8,21378599	0,036	0,300
CHR6	2E+07	CHR6:19973652	SSF x LoA	-9,20155976	0,083	0,314
CHR6	2E+07	CHR6:19973692	SSF x LoA	-8,59620913	0,093	0,308
CHR6	2E+07	CHR6:19992006	SSF x LoA	-11,6522543	0,008	0,301
CHR6	2E+07	CHR6:19992051	SSF x LoA	-10,3631405	0,008	0,302
CHR6	2E+07	CHR6:19992265	SSF x LoA	-11,3657268	-0,025	0,295
CHR6	2E+07	CHR6:19997191	SSF x LoA	-8,68760694	0,149	0,300
CHR6	2E+07	CHR6:19997244	SSF x LoA	-10,3971088	-0,054	0,308
CHR6	2E+07	CHR6:19998464	SSF x LoA	-9,07311459	0,033	0,320
CHR6	2E+07	CHR6:19998469	SSF x LoA	-9,3822475	0,031	0,299
CHR6	2E+07	CHR6:19998472	SSF x LoA	-10,8790519	0,046	0,295
CHR6	2E+07	CHR6:19998581	SSF x LoA	-9,79378506	-0,102	0,305
CHR6	2E+07	CHR6:19998591	SSF x LoA	-10,1193883	0,060	0,322
CHR6	2E+07	CHR6:19998610	SSF x LoA	-11,2256002	0,070	0,310
CHR6	2000045	CHR6:2000045	SSF x LoA	-11,6590649	0,075	0,297
CHR6	2000052	CHR6:2000052	SSF x LoA	-10,3384623	-0,079	0,305
CHR6	2E+07	CHR6:20006309	SSF x LoA	-5,74884195	0,161	0,307
CHR6	2E+07	CHR6:20006524	SSF x LoA	-8,90103614	0,159	0,294
CHR6	2E+07	CHR6:20006609	SSF x LoA	-9,50653178	0,026	0,314
CHR6	2001394	CHR6:2001394	SSF x LoA	-6,40713562	-0,183	0,292
CHR6	2E+07	CHR6:20015253	SSF x LoA	-9,02350234	0,123	0,319
CHR6	2E+07	CHR6:20015254	SSF x LoA	-10,1941714	0,108	0,315
CHR6	2E+07	CHR6:20015266	SSF x LoA	-7,43273951	0,007	0,302
CHR6	2E+07	CHR6:20015304	SSF x LoA	-9,8190784	0,087	0,327
CHR6	2E+07	CHR6:20015309	SSF x LoA	-9,09484375	0,070	0,322
CHR6	2E+07	CHR6:20015319	SSF x LoA	-9,61014858	0,041	0,317
CHR6	2E+07	CHR6:20015323	SSF x LoA	-9,3131567	0,029	0,306
CHR6	2E+07	CHR6:20015324	SSF x LoA	-7,98581102	-0,024	0,319
CHR6	2E+07	CHR6:20015395	SSF x LoA	-10,3133734	0,053	0,308
CHR6	2E+07	CHR6:20015405	SSF x LoA	-10,6514041	0,063	0,317
CHR6	2E+07	CHR6:20015440	SSF x LoA	-10,4964963	-0,022	0,301
CHR6	2E+07	CHR6:20015451	SSF x LoA	-10,7564958	-0,007	0,313
CHR6	2E+07	CHR6:20016999	SSF x LoA	-7,72224083	0,033	0,298
CHR6	2E+07	CHR6:20017048	SSF x LoA	-8,84390338	0,111	0,281
CHR6	2E+07	CHR6:20017049	SSF x LoA	-8,54871862	0,135	0,289
CHR6	2E+07	CHR6:20017052	SSF x LoA	-7,17543825	0,126	0,280
CHR6	2E+07	CHR6:20017056	SSF x LoA	-10,7790104	-0,099	0,308
CHR6	2E+07	CHR6:20017089	SSF x LoA	-4,19837875	0,134	0,288
CHR6	2E+07	CHR6:20017100	SSF x LoA	-10,9502906	0,000	0,309
CHR6	2E+07	CHR6:20021407	SSF x LoA	-9,50900935	-0,011	0,311
CHR6	2E+07	CHR6:20021418	SSF x LoA	-10,2799579	0,075	0,312
CHR6	2E+07	CHR6:20021424	SSF x LoA	-10,0692556	0,044	0,296
CHR6	2E+07	CHR6:20021497	SSF x LoA	-8,88562584	-0,028	0,311
CHR6	2E+07	CHR6:20021519	SSF x LoA	-11,2525463	0,064	0,305
CHR6	2E+07	CHR6:20021558	SSF x LoA	-4,27714403	-0,127	0,296
CHR6	2E+07	CHR6:20021585	SSF x LoA	-10,189752	0,082	0,302
CHR6	2E+07	CHR6:20024219	SSF x LoA	-8,17287175	-0,045	0,314

CHR6	2E+07	CHR6:20028979	SSF x LoA	-8,02755931	-0,041	0,300
CHR6	2E+07	CHR6:20029030	SSF x LoA	-10,0653286	-0,081	0,301
CHR6	2E+07	CHR6:20029113	SSF x LoA	-10,6028034	-0,010	0,306
CHR6	2E+07	CHR6:20038682	SSF x LoA	-10,6489204	-0,057	0,313
CHR6	2E+07	CHR6:20038735	SSF x LoA	-7,09624246	0,034	0,310
CHR6	2E+07	CHR6:20038739	SSF x LoA	-8,93984583	0,059	0,305
CHR6	2E+07	CHR6:20038757	SSF x LoA	-10,7294035	-0,043	0,304
CHR6	2E+07	CHR6:20038764	SSF x LoA	-12,2595997	-0,069	0,297
CHR6	2E+07	CHR6:20038797	SSF x LoA	-10,1240262	-0,033	0,305
CHR6	2E+07	CHR6:20038798	SSF x LoA	-9,12179245	0,024	0,318
CHR6	2E+07	CHR6:20053362	SSF x LoA	-9,34052877	0,064	0,304
CHR6	2E+07	CHR6:20075246	SSF x LoA	-7,90020018	-0,056	0,304
CHR6	2E+07	CHR6:20075295	SSF x LoA	-8,57628092	-0,127	0,292
CHR6	2E+07	CHR6:20075309	SSF x LoA	-7,38661264	0,092	0,300
CHR6	2E+07	CHR6:20075367	SSF x LoA	-6,72101494	-0,037	0,302
CHR6	2E+07	CHR6:20081603	SSF x LoA	-11,3028914	-0,010	0,297
CHR6	2E+07	CHR6:20081604	SSF x LoA	-11,1252439	0,040	0,311
CHR6	2E+07	CHR6:20081628	SSF x LoA	-10,1967593	0,071	0,290
CHR6	2E+07	CHR6:20089118	SSF x LoA	-9,08374897	-0,074	0,304
CHR6	2E+07	CHR6:20089132	SSF x LoA	-8,15512849	-0,055	0,315
CHR6	2E+07	CHR6:20089145	SSF x LoA	-9,82826201	-0,019	0,299
CHR6	2E+07	CHR6:20089200	SSF x LoA	-9,01541859	0,033	0,319
CHR6	2009341	CHR6:2009341	SSF x LoA	-5,12914727	0,149	0,301
CHR6	2009373	CHR6:2009373	SSF x LoA	-7,2785175	-0,123	0,295
CHR6	2009434	CHR6:2009434	SSF x LoA	-9,72662376	0,103	0,317
CHR6	2009450	CHR6:2009450	SSF x LoA	-9,63095886	0,108	0,303
CHR6	2E+07	CHR6:20097347	SSF x LoA	-8,82436274	0,086	0,293
CHR6	2E+07	CHR6:20097369	SSF x LoA	-8,07224373	0,043	0,313
CHR6	2011457	CHR6:2011457	SSF x LoA	-8,65003913	0,124	0,299
CHR6	2011536	CHR6:2011536	SSF x LoA	-10,831941	-0,007	0,311
CHR6	2011560	CHR6:2011560	SSF x LoA	-10,359966	-0,007	0,314
CHR6	2E+07	CHR6:20121197	SSF x LoA	-10,867793	-0,029	0,313
CHR6	2E+07	CHR6:20125488	SSF x LoA	-9,03492601	0,080	0,307
CHR6	2E+07	CHR6:20127790	SSF x LoA	-3,04153624	0,078	0,302
CHR6	2E+07	CHR6:20127871	SSF x LoA	-8,74508211	-0,125	0,298
CHR6	2E+07	CHR6:20130445	SSF x LoA	-8,26998492	0,075	0,299
CHR6	2E+07	CHR6:20130476	SSF x LoA	-8,70826446	0,102	0,307
CHR6	2E+07	CHR6:20131131	SSF x LoA	-9,15567547	0,105	0,318
CHR6	2E+07	CHR6:20131229	SSF x LoA	-7,27045016	-0,121	0,284
CHR6	2E+07	CHR6:20134022	SSF x LoA	-10,9775823	0,023	0,308
CHR6	2E+07	CHR6:20139020	SSF x LoA	-8,40998672	0,085	0,311
CHR6	2E+07	CHR6:20139040	SSF x LoA	-4,81366649	0,084	0,301
CHR6	2E+07	CHR6:20139051	SSF x LoA	-5,23616278	0,060	0,324
CHR6	2E+07	CHR6:20139135	SSF x LoA	-7,64078285	0,048	0,306
CHR6	2E+07	CHR6:20146570	SSF x LoA	-8,246521	-0,009	0,307
CHR6	2E+07	CHR6:20146578	SSF x LoA	-7,76262888	-0,167	0,298
CHR6	2E+07	CHR6:20146592	SSF x LoA	-5,11217762	0,029	0,309
CHR6	2E+07	CHR6:20146761	SSF x LoA	-8,91364965	0,210	0,294
CHR6	2E+07	CHR6:20149782	SSF x LoA	-9,37354621	-0,009	0,312
CHR6	2E+07	CHR6:20149834	SSF x LoA	-7,88518153	0,038	0,316
CHR6	2E+07	CHR6:20149863	SSF x LoA	-8,71416522	-0,118	0,309
CHR6	2015327	CHR6:2015327	SSF x LoA	-10,096074	-0,042	0,296
CHR6	2E+07	CHR6:20168487	SSF x LoA	-11,5847868	0,018	0,313

CHR6	2E+07	CHR6:20168511	SSF x LoA	-11,4844079	-0,072	0,304
CHR6	2E+07	CHR6:20168552	SSF x LoA	-8,67452413	0,093	0,295
CHR6	2E+07	CHR6:20171023	SSF x LoA	-9,35284069	-0,186	0,294
CHR6	2E+07	CHR6:20171040	SSF x LoA	-9,48631635	-0,120	0,300
CHR6	2E+07	CHR6:20185157	SSF x LoA	-8,11007474	-0,040	0,305
CHR6	2E+07	CHR6:20185248	SSF x LoA	-8,75326617	0,145	0,285
CHR6	2E+07	CHR6:20185249	SSF x LoA	-9,08739326	0,137	0,299
CHR6	2E+07	CHR6:20185251	SSF x LoA	-11,3664123	0,115	0,301
CHR6	2E+07	CHR6:20185320	SSF x LoA	-10,6138156	0,038	0,313
CHR6	2E+07	CHR6:20197594	SSF x LoA	-8,02816204	-0,021	0,316
CHR6	2E+07	CHR6:20197595	SSF x LoA	-10,9820879	-0,085	0,317
CHR6	2E+07	CHR6:20214215	SSF x LoA	-9,78843484	-0,058	0,301
CHR6	2E+07	CHR6:20224695	SSF x LoA	-8,96074207	0,107	0,306
CHR6	2E+07	CHR6:20224699	SSF x LoA	-10,7386408	0,034	0,311
CHR6	2E+07	CHR6:20224727	SSF x LoA	-10,7829151	-0,007	0,315
CHR6	2E+07	CHR6:20224811	SSF x LoA	-11,6148139	0,027	0,303
CHR6	2E+07	CHR6:20224866	SSF x LoA	-11,8297181	0,035	0,313
CHR6	2E+07	CHR6:20224886	SSF x LoA	-10,6386017	-0,059	0,308
CHR6	2E+07	CHR6:20224892	SSF x LoA	-12,1456762	0,021	0,300
CHR6	2E+07	CHR6:20227672	SSF x LoA	-10,8635428	0,045	0,324
CHR6	2E+07	CHR6:20237486	SSF x LoA	-8,49354264	0,143	0,289
CHR6	2E+07	CHR6:20237499	SSF x LoA	-10,590203	0,015	0,295
CHR6	2E+07	CHR6:20237525	SSF x LoA	-9,2141214	0,036	0,298
CHR6	2E+07	CHR6:20237579	SSF x LoA	-10,3604514	0,053	0,301
CHR6	2024393	CHR6:2024393	SSF x LoA	-10,1025539	-0,005	0,319
CHR6	2E+07	CHR6:20247462	SSF x LoA	-6,60524865	0,099	0,303
CHR6	2E+07	CHR6:20247485	SSF x LoA	-8,64504584	-0,015	0,291
CHR6	2E+07	CHR6:20247486	SSF x LoA	-10,1392087	0,052	0,288
CHR6	2E+07	CHR6:20247532	SSF x LoA	-3,1883311	-0,101	0,304
CHR6	2E+07	CHR6:20257116	SSF x LoA	-7,67456468	-0,075	0,324
CHR6	2E+07	CHR6:20257161	SSF x LoA	-11,4825717	-0,034	0,294
CHR6	2E+07	CHR6:20278331	SSF x LoA	-9,69025193	0,002	0,318
CHR6	2E+07	CHR6:20278345	SSF x LoA	-10,6199895	-0,015	0,293
CHR6	2E+07	CHR6:20278378	SSF x LoA	-9,26250057	-0,008	0,313
CHR6	2E+07	CHR6:20278537	SSF x LoA	-9,33470202	-0,016	0,295
CHR6	2E+07	CHR6:20278607	SSF x LoA	-10,5178024	-0,081	0,305
CHR6	2E+07	CHR6:20281467	SSF x LoA	-11,8133171	-0,055	0,313
CHR6	2E+07	CHR6:20281471	SSF x LoA	-7,94708942	0,128	0,309
CHR6	2E+07	CHR6:20281472	SSF x LoA	-4,13862883	0,117	0,314
CHR6	2E+07	CHR6:20281475	SSF x LoA	-7,06227209	0,110	0,296
CHR6	2E+07	CHR6:20281511	SSF x LoA	-10,141355	-0,063	0,302
CHR6	2E+07	CHR6:20281542	SSF x LoA	-6,89188695	-0,172	0,304
CHR6	2E+07	CHR6:20281589	SSF x LoA	-9,63532552	-0,091	0,311
CHR6	2E+07	CHR6:20281603	SSF x LoA	-9,68593189	-0,013	0,312
CHR6	2E+07	CHR6:20281626	SSF x LoA	-8,58131848	-0,081	0,305
CHR6	2E+07	CHR6:20288532	SSF x LoA	-10,8615426	-0,039	0,306
CHR6	2E+07	CHR6:20294252	SSF x LoA	-9,97973541	-0,116	0,297
CHR6	2E+07	CHR6:20294426	SSF x LoA	-8,50038321	0,083	0,304
CHR6	2E+07	CHR6:20294430	SSF x LoA	-7,20847072	0,083	0,311
CHR6	2E+07	CHR6:20294438	SSF x LoA	-8,46733036	0,046	0,312
CHR6	2E+07	CHR6:20294466	SSF x LoA	-9,38373892	0,008	0,311
CHR6	2E+07	CHR6:20294484	SSF x LoA	-9,94853534	0,142	0,301
CHR6	2E+07	CHR6:20298527	SSF x LoA	-10,1509069	0,058	0,319

CHR6	2E+07	CHR6:20298574	SSF x LoA	-10,6544203	0,114	0,301
CHR6	2E+07	CHR6:20298600	SSF x LoA	-7,81681558	-0,043	0,312
CHR6	2E+07	CHR6:20298605	SSF x LoA	-10,7949117	0,007	0,302
CHR6	2031842	CHR6:2031842	SSF x LoA	-10,5332499	0,025	0,310
CHR6	2031877	CHR6:2031877	SSF x LoA	-10,7060205	0,032	0,311
CHR6	2031883	CHR6:2031883	SSF x LoA	-9,62140625	-0,013	0,327
CHR6	2031885	CHR6:2031885	SSF x LoA	-8,48715476	0,074	0,313
CHR6	2031916	CHR6:2031916	SSF x LoA	-2,32133661	-0,031	0,293
CHR6	2031969	CHR6:2031969	SSF x LoA	-10,0862429	0,028	0,320
CHR6	2032009	CHR6:2032009	SSF x LoA	-10,9356179	0,058	0,312
CHR6	2E+07	CHR6:20328276	SSF x LoA	-9,47176903	0,008	0,319
CHR6	2E+07	CHR6:20349754	SSF x LoA	-8,41200952	-0,085	0,288
CHR6	2E+07	CHR6:20350717	SSF x LoA	-9,0434789	-0,021	0,294
CHR6	2E+07	CHR6:20350765	SSF x LoA	-8,8654729	-0,064	0,311
CHR6	2E+07	CHR6:20364382	SSF x LoA	-6,65529225	-0,027	0,313
CHR6	2E+07	CHR6:20379670	SSF x LoA	-7,40758866	0,003	0,298
CHR6	2E+07	CHR6:20386558	SSF x LoA	-7,22642101	-0,159	0,306
CHR6	2E+07	CHR6:20386641	SSF x LoA	-8,70014595	0,054	0,305
CHR6	2E+07	CHR6:20389985	SSF x LoA	-9,64472835	0,036	0,303
CHR6	2E+07	CHR6:20391135	SSF x LoA	-7,97038951	-0,070	0,299
CHR6	2E+07	CHR6:20391453	SSF x LoA	-10,0856435	-0,139	0,294
CHR6	2E+07	CHR6:20391454	SSF x LoA	-8,82039063	0,054	0,301
CHR6	2E+07	CHR6:20391455	SSF x LoA	-6,90269459	0,074	0,313
CHR6	2E+07	CHR6:20391472	SSF x LoA	-10,5651796	-0,006	0,296
CHR6	2E+07	CHR6:20400871	SSF x LoA	-9,79261545	0,015	0,306
CHR6	2E+07	CHR6:20400893	SSF x LoA	-8,99539928	-0,121	0,319
CHR6	2E+07	CHR6:20400932	SSF x LoA	-9,11388937	-0,031	0,301
CHR6	2E+07	CHR6:20400933	SSF x LoA	-9,31176274	-0,002	0,325
CHR6	2E+07	CHR6:20400951	SSF x LoA	-6,92402465	-0,081	0,321
CHR6	2E+07	CHR6:20401015	SSF x LoA	-7,62573046	0,003	0,316
CHR6	2E+07	CHR6:20401036	SSF x LoA	-10,5524089	0,001	0,300
CHR6	2E+07	CHR6:20405178	SSF x LoA	-11,4898131	0,061	0,298
CHR6	2041202	CHR6:2041202	SSF x LoA	-10,8257697	0,006	0,301
CHR6	2E+07	CHR6:20421278	SSF x LoA	-9,84446181	-0,116	0,298
CHR6	2E+07	CHR6:20425002	SSF x LoA	-5,66368875	0,156	0,302
CHR6	2E+07	CHR6:20425030	SSF x LoA	-9,17673613	-0,035	0,304
CHR6	2E+07	CHR6:20429835	SSF x LoA	-8,58383763	-0,156	0,309
CHR6	2E+07	CHR6:20441838	SSF x LoA	-9,61283192	0,067	0,298
CHR6	2E+07	CHR6:20443883	SSF x LoA	-7,78548065	0,056	0,301
CHR6	2E+07	CHR6:20467562	SSF x LoA	-8,77043956	-0,056	0,302
CHR6	2E+07	CHR6:20481485	SSF x LoA	-7,24675993	0,015	0,314
CHR6	20523210	CHR6:20523210	SSF x LoA	-11,5988794	-0,102	0,299
CHR6	20523310	CHR6:20523310	SSF x LoA	-11,0939681	-0,051	0,309
CHR6	20533472	CHR6:20533472	SSF x LoA	-9,43537512	-0,036	0,308
CHR6	20533546	CHR6:20533546	SSF x LoA	-7,64641497	0,157	0,285
CHR6	20533617	CHR6:20533617	SSF x LoA	-7,26379884	0,126	0,304
CHR6	20534999	CHR6:20534999	SSF x LoA	-8,99216177	0,054	0,306
CHR6	20535046	CHR6:20535046	SSF x LoA	-8,33162852	-0,071	0,308
CHR6	20535146	CHR6:20535146	SSF x LoA	-9,38673637	0,078	0,304
CHR6	20538929	CHR6:20538929	SSF x LoA	-9,75903103	0,059	0,298
CHR6	20540436	CHR6:20540436	SSF x LoA	-7,85560662	-0,073	0,294
CHR6	20572786	CHR6:20572786	SSF x LoA	-10,9861416	-0,003	0,306
CHR6	20572915	CHR6:20572915	SSF x LoA	-10,1106591	0,015	0,313

CHR6	20572944	CHR6:20572944	SSF x LoA	-11,3060396	0,021	0,314
CHR6	20585333	CHR6:20585333	SSF x LoA	-3,85063262	0,177	0,309
CHR6	20585559	CHR6:20585559	SSF x LoA	-3,19940257	0,207	0,288
CHR6	20593683	CHR6:20593683	SSF x LoA	-8,63130569	0,095	0,310
CHR6	20593720	CHR6:20593720	SSF x LoA	-7,54818021	-0,086	0,303
CHR6	20593747	CHR6:20593747	SSF x LoA	-9,17517622	-0,014	0,311
CHR6	20593766	CHR6:20593766	SSF x LoA	-9,05272517	-0,010	0,306
CHR6	20593839	CHR6:20593839	SSF x LoA	-8,7094455	0,047	0,303
CHR6	20601348	CHR6:20601348	SSF x LoA	-8,30909796	0,094	0,307
CHR6	20601566	CHR6:20601566	SSF x LoA	-9,00669143	0,052	0,317
CHR6	20603687	CHR6:20603687	SSF x LoA	-9,29097915	-0,021	0,298
CHR6	20603709	CHR6:20603709	SSF x LoA	-6,25945558	-0,108	0,295
CHR6	20603730	CHR6:20603730	SSF x LoA	-8,29077422	-0,086	0,294
CHR6	20603732	CHR6:20603732	SSF x LoA	-8,12700633	-0,066	0,288
CHR6	20603736	CHR6:20603736	SSF x LoA	-7,51194983	-0,088	0,306
CHR6	20603746	CHR6:20603746	SSF x LoA	-7,88713722	-0,092	0,306
CHR6	20603805	CHR6:20603805	SSF x LoA	-8,88372658	-0,077	0,288
CHR6	20603806	CHR6:20603806	SSF x LoA	-11,2029053	0,021	0,311
CHR6	20605442	CHR6:20605442	SSF x LoA	-10,242876	-0,072	0,303
CHR6	20605616	CHR6:20605616	SSF x LoA	-9,00140451	0,000	0,294
CHR6	20622231	CHR6:20622231	SSF x LoA	-7,63525355	-0,043	0,328
CHR6	20622238	CHR6:20622238	SSF x LoA	-9,63393259	-0,052	0,307
CHR6	20622299	CHR6:20622299	SSF x LoA	-10,6975045	0,026	0,307
CHR6	20622421	CHR6:20622421	SSF x LoA	-8,79228842	-0,027	0,316
CHR6	20622424	CHR6:20622424	SSF x LoA	-8,84551513	-0,039	0,312
CHR6	20622431	CHR6:20622431	SSF x LoA	-8,43109756	-0,038	0,316
CHR6	20622446	CHR6:20622446	SSF x LoA	-9,92534536	-0,164	0,297
CHR6	20631119	CHR6:20631119	SSF x LoA	-2,40528196	0,125	0,291
CHR6	20638687	CHR6:20638687	SSF x LoA	-7,66421266	-0,083	0,288
CHR6	20638698	CHR6:20638698	SSF x LoA	-10,252288	-0,028	0,309
CHR6	20638739	CHR6:20638739	SSF x LoA	-10,6577264	0,066	0,303
CHR6	20638744	CHR6:20638744	SSF x LoA	-8,55768842	-0,011	0,311
CHR6	20638792	CHR6:20638792	SSF x LoA	-9,31084565	0,049	0,318
CHR6	20638841	CHR6:20638841	SSF x LoA	-8,77414188	0,083	0,310
CHR6	20638858	CHR6:20638858	SSF x LoA	-8,86227934	0,097	0,300
CHR6	20638869	CHR6:20638869	SSF x LoA	-8,68261305	0,108	0,311
CHR6	20638949	CHR6:20638949	SSF x LoA	-8,60330405	-0,085	0,306
CHR6	20646374	CHR6:20646374	SSF x LoA	-9,53890702	-0,111	0,298
CHR6	20646433	CHR6:20646433	SSF x LoA	-8,45353748	-0,105	0,307
CHR6	20646469	CHR6:20646469	SSF x LoA	-9,96988296	-0,019	0,305
CHR6	20653909	CHR6:20653909	SSF x LoA	-8,5768594	0,020	0,314
CHR6	20653920	CHR6:20653920	SSF x LoA	-8,99906166	-0,037	0,299
CHR6	20653985	CHR6:20653985	SSF x LoA	-8,27841276	0,089	0,312
CHR6	20654949	CHR6:20654949	SSF x LoA	-7,70311826	0,091	0,293
CHR6	20654974	CHR6:20654974	SSF x LoA	-9,5656578	-0,074	0,300
CHR6	20654977	CHR6:20654977	SSF x LoA	-10,5461365	0,071	0,296
CHR6	20654983	CHR6:20654983	SSF x LoA	-3,28027979	0,070	0,313
CHR6	20655043	CHR6:20655043	SSF x LoA	-8,63865522	0,132	0,301
CHR6	20655050	CHR6:20655050	SSF x LoA	-7,80243313	0,094	0,304
CHR6	20655064	CHR6:20655064	SSF x LoA	-6,90225663	0,179	0,296
CHR6	20655098	CHR6:20655098	SSF x LoA	-8,57071701	-0,045	0,313
CHR6	20655106	CHR6:20655106	SSF x LoA	-6,82416986	0,003	0,318
CHR6	20663888	CHR6:20663888	SSF x LoA	-8,47714641	0,115	0,295

CHR6	20669232	CHR6:20669232	SSF x LoA	-11,0562711	0,053	0,318
CHR6	20680645	CHR6:20680645	SSF x LoA	-7,82197233	0,091	0,300
CHR6	20680823	CHR6:20680823	SSF x LoA	-9,61314684	-0,067	0,308
CHR6	20680824	CHR6:20680824	SSF x LoA	-8,61126358	-0,014	0,305
CHR6	20682249	CHR6:20682249	SSF x LoA	-9,67935661	0,075	0,307
CHR6	20682309	CHR6:20682309	SSF x LoA	-9,27501818	0,058	0,314
CHR6	20682344	CHR6:20682344	SSF x LoA	-7,49272053	0,090	0,305
CHR6	20682351	CHR6:20682351	SSF x LoA	-9,59959533	-0,161	0,295
CHR6	20697577	CHR6:20697577	SSF x LoA	-6,73367577	0,124	0,301
CHR6	20697639	CHR6:20697639	SSF x LoA	-10,6746217	0,050	0,297
CHR6	20697667	CHR6:20697667	SSF x LoA	-4,76404441	0,154	0,306
CHR6	2070114	CHR6:2070114	SSF x LoA	-10,6191299	-0,112	0,305
CHR6	20706522	CHR6:20706522	SSF x LoA	-7,9844386	0,109	0,313
CHR6	20706573	CHR6:20706573	SSF x LoA	-10,9366914	0,022	0,314
CHR6	20706591	CHR6:20706591	SSF x LoA	-7,98893428	0,004	0,312
CHR6	20706597	CHR6:20706597	SSF x LoA	-10,9173158	-0,038	0,312
CHR6	20706705	CHR6:20706705	SSF x LoA	-10,4947507	-0,055	0,308
CHR6	20706769	CHR6:20706769	SSF x LoA	-11,0627605	-0,024	0,297
CHR6	20721527	CHR6:20721527	SSF x LoA	-10,0745322	-0,102	0,316
CHR6	20721603	CHR6:20721603	SSF x LoA	-7,41586246	0,096	0,303
CHR6	20727996	CHR6:20727996	SSF x LoA	-5,83685417	0,031	0,304
CHR6	20748426	CHR6:20748426	SSF x LoA	-7,83393752	-0,112	0,306
CHR6	20748443	CHR6:20748443	SSF x LoA	-11,4525027	0,046	0,309
CHR6	20753007	CHR6:20753007	SSF x LoA	-7,87249143	0,102	0,300
CHR6	207594	CHR6:207594	SSF x LoA	-6,68591806	0,181	0,298
CHR6	20763147	CHR6:20763147	SSF x LoA	-8,17078511	-0,007	0,295
CHR6	207659	CHR6:207659	SSF x LoA	-7,03654124	0,143	0,299
CHR6	20772254	CHR6:20772254	SSF x LoA	-9,31837258	-0,027	0,323
CHR6	20772273	CHR6:20772273	SSF x LoA	-5,09042085	0,086	0,325
CHR6	2077290	CHR6:2077290	SSF x LoA	-11,1360322	-0,038	0,293
CHR6	2077407	CHR6:2077407	SSF x LoA	-8,71578635	-0,068	0,307
CHR6	2077423	CHR6:2077423	SSF x LoA	-9,26732408	0,066	0,299
CHR6	20781488	CHR6:20781488	SSF x LoA	-6,53049812	-0,131	0,317
CHR6	20781635	CHR6:20781635	SSF x LoA	-7,57731197	-0,034	0,297
CHR6	20781639	CHR6:20781639	SSF x LoA	-9,53840075	0,088	0,316
CHR6	20790851	CHR6:20790851	SSF x LoA	-11,2969835	-0,063	0,303
CHR6	20791115	CHR6:20791115	SSF x LoA	-9,01439465	0,010	0,301
CHR6	20791327	CHR6:20791327	SSF x LoA	-6,77360577	0,021	0,304
CHR6	2079324	CHR6:2079324	SSF x LoA	-9,72488533	0,044	0,308
CHR6	20800449	CHR6:20800449	SSF x LoA	-11,3188387	0,050	0,307
CHR6	20800452	CHR6:20800452	SSF x LoA	-10,0103188	0,084	0,311
CHR6	20800528	CHR6:20800528	SSF x LoA	-5,68444954	0,035	0,309
CHR6	20801503	CHR6:20801503	SSF x LoA	-9,57024893	-0,108	0,306
CHR6	20801515	CHR6:20801515	SSF x LoA	-9,2905757	0,037	0,326
CHR6	20801518	CHR6:20801518	SSF x LoA	-10,2909649	0,066	0,315
CHR6	20801523	CHR6:20801523	SSF x LoA	-9,62091526	0,091	0,300
CHR6	20804847	CHR6:20804847	SSF x LoA	-9,61664159	-0,055	0,309
CHR6	20813405	CHR6:20813405	SSF x LoA	-7,46664775	-0,030	0,307
CHR6	20813455	CHR6:20813455	SSF x LoA	-10,4902089	-0,038	0,307
CHR6	20813463	CHR6:20813463	SSF x LoA	-7,89109065	0,117	0,304
CHR6	20813479	CHR6:20813479	SSF x LoA	-9,74012297	-0,128	0,302
CHR6	20813513	CHR6:20813513	SSF x LoA	-11,186249	-0,086	0,298
CHR6	20817485	CHR6:20817485	SSF x LoA	-8,26537505	0,016	0,305

CHR6	20819123	CHR6:20819123	SSF x LoA	-11,488968	0,021	0,313
CHR6	20819152	CHR6:20819152	SSF x LoA	-8,26271239	0,021	0,317
CHR6	20823927	CHR6:20823927	SSF x LoA	-7,24873758	-0,074	0,301
CHR6	20823928	CHR6:20823928	SSF x LoA	-8,59793478	-0,029	0,312
CHR6	20823945	CHR6:20823945	SSF x LoA	-8,96213278	-0,108	0,309
CHR6	20826016	CHR6:20826016	SSF x LoA	-8,64805556	-0,081	0,292
CHR6	20826252	CHR6:20826252	SSF x LoA	-7,64807041	0,133	0,293
CHR6	20826324	CHR6:20826324	SSF x LoA	-8,94305697	-0,070	0,319
CHR6	20826360	CHR6:20826360	SSF x LoA	-12,435335	-0,014	0,304
CHR6	20832147	CHR6:20832147	SSF x LoA	-10,1645093	0,062	0,315
CHR6	20832153	CHR6:20832153	SSF x LoA	-3,99011703	-0,157	0,299
CHR6	20832163	CHR6:20832163	SSF x LoA	-8,84149267	-0,032	0,314
CHR6	20832243	CHR6:20832243	SSF x LoA	-8,89953757	0,042	0,307
CHR6	20832254	CHR6:20832254	SSF x LoA	-8,868514	-0,023	0,302
CHR6	20832272	CHR6:20832272	SSF x LoA	-9,09377095	0,001	0,309
CHR6	20832292	CHR6:20832292	SSF x LoA	-9,27263007	-0,005	0,316
CHR6	20832310	CHR6:20832310	SSF x LoA	-8,09992695	-0,038	0,310
CHR6	20836398	CHR6:20836398	SSF x LoA	-10,0741646	-0,039	0,302
CHR6	20836425	CHR6:20836425	SSF x LoA	-9,04791504	0,086	0,308
CHR6	20836478	CHR6:20836478	SSF x LoA	-8,74708495	-0,113	0,296
CHR6	20836483	CHR6:20836483	SSF x LoA	-9,61711005	-0,107	0,302
CHR6	20836486	CHR6:20836486	SSF x LoA	-9,00161988	0,095	0,312
CHR6	20836533	CHR6:20836533	SSF x LoA	-8,79993038	-0,142	0,311
CHR6	20843319	CHR6:20843319	SSF x LoA	-8,49087401	-0,098	0,297
CHR6	20843398	CHR6:20843398	SSF x LoA	-6,16452794	-0,095	0,313
CHR6	20843402	CHR6:20843402	SSF x LoA	-10,9263342	0,010	0,311
CHR6	20853810	CHR6:20853810	SSF x LoA	-7,4369756	-0,085	0,322
CHR6	20854016	CHR6:20854016	SSF x LoA	-7,83660638	-0,068	0,311
CHR6	20858240	CHR6:20858240	SSF x LoA	-8,28222813	0,073	0,305
CHR6	20858289	CHR6:20858289	SSF x LoA	-6,53977607	0,071	0,319
CHR6	20858307	CHR6:20858307	SSF x LoA	-8,8724779	0,040	0,309
CHR6	20858352	CHR6:20858352	SSF x LoA	-11,9936561	0,061	0,294
CHR6	20858404	CHR6:20858404	SSF x LoA	-11,898119	0,030	0,304
CHR6	20860240	CHR6:20860240	SSF x LoA	-8,52115944	-0,016	0,322
CHR6	20860287	CHR6:20860287	SSF x LoA	-9,17866133	0,091	0,303
CHR6	20860715	CHR6:20860715	SSF x LoA	-9,83450964	0,086	0,302
CHR6	20860721	CHR6:20860721	SSF x LoA	-11,1220757	0,011	0,305
CHR6	20863262	CHR6:20863262	SSF x LoA	-6,21522011	0,140	0,300
CHR6	20870339	CHR6:20870339	SSF x LoA	2,8012302	-0,098	0,303
CHR6	20870385	CHR6:20870385	SSF x LoA	-10,1377856	-0,078	0,293
CHR6	20870444	CHR6:20870444	SSF x LoA	-10,8198472	-0,017	0,317
CHR6	20870479	CHR6:20870479	SSF x LoA	-9,19005621	-0,048	0,303
CHR6	20870484	CHR6:20870484	SSF x LoA	-10,1849283	0,017	0,303
CHR6	20874470	CHR6:20874470	SSF x LoA	-1,59183909	-0,173	0,305
CHR6	20883430	CHR6:20883430	SSF x LoA	-6,77701632	-0,051	0,316
CHR6	20883433	CHR6:20883433	SSF x LoA	-7,81043746	-0,043	0,306
CHR6	20883468	CHR6:20883468	SSF x LoA	-8,97002296	0,023	0,314
CHR6	20883558	CHR6:20883558	SSF x LoA	-10,2880508	0,007	0,319
CHR6	20883567	CHR6:20883567	SSF x LoA	-11,5944607	0,022	0,316
CHR6	20883586	CHR6:20883586	SSF x LoA	-6,60627643	-0,011	0,315
CHR6	20883612	CHR6:20883612	SSF x LoA	-8,47395704	0,013	0,315
CHR6	20883650	CHR6:20883650	SSF x LoA	-10,8348151	0,030	0,296
CHR6	20883672	CHR6:20883672	SSF x LoA	-10,1575551	-0,031	0,307

CHR6	20885508	CHR6:20885508	SSF x LoA	-2,28916053	0,042	0,299
CHR6	20885547	CHR6:20885547	SSF x LoA	-8,30281289	0,009	0,300
CHR6	20885550	CHR6:20885550	SSF x LoA	-8,54262072	-0,158	0,294
CHR6	20885551	CHR6:20885551	SSF x LoA	-8,4915564	-0,137	0,295
CHR6	20885563	CHR6:20885563	SSF x LoA	-10,5884557	-0,112	0,303
CHR6	20885679	CHR6:20885679	SSF x LoA	-8,78215011	-0,075	0,282
CHR6	20895412	CHR6:20895412	SSF x LoA	-7,83178666	-0,059	0,305
CHR6	20900059	CHR6:20900059	SSF x LoA	-8,15162892	-0,084	0,296
CHR6	20900359	CHR6:20900359	SSF x LoA	-8,19123525	-0,100	0,301
CHR6	20901054	CHR6:20901054	SSF x LoA	-11,5522562	0,057	0,295
CHR6	20901180	CHR6:20901180	SSF x LoA	-10,7604123	-0,024	0,303
CHR6	20902938	CHR6:20902938	SSF x LoA	-5,18383775	-0,067	0,304
CHR6	20902945	CHR6:20902945	SSF x LoA	-10,5941566	0,030	0,313
CHR6	20903043	CHR6:20903043	SSF x LoA	-10,1968992	-0,091	0,307
CHR6	20913903	CHR6:20913903	SSF x LoA	-8,72349927	-0,076	0,300
CHR6	20913992	CHR6:20913992	SSF x LoA	-11,2141956	-0,080	0,294
CHR6	20914010	CHR6:20914010	SSF x LoA	-12,0790925	-0,048	0,307
CHR6	20914020	CHR6:20914020	SSF x LoA	-8,22012427	-0,056	0,313
CHR6	20914059	CHR6:20914059	SSF x LoA	-8,43366671	0,015	0,308
CHR6	20914120	CHR6:20914120	SSF x LoA	-6,20458907	0,105	0,306
CHR6	20914217	CHR6:20914217	SSF x LoA	-8,67933517	-0,093	0,309
CHR6	20925189	CHR6:20925189	SSF x LoA	-7,76002103	-0,060	0,305
CHR6	20933559	CHR6:20933559	SSF x LoA	0,18850861	-0,008	0,314
CHR6	20933603	CHR6:20933603	SSF x LoA	-9,89212738	-0,038	0,313
CHR6	20933608	CHR6:20933608	SSF x LoA	-8,86345413	0,016	0,305
CHR6	20935596	CHR6:20935596	SSF x LoA	-9,48649366	-0,062	0,310
CHR6	20935619	CHR6:20935619	SSF x LoA	-9,53689986	0,061	0,309
CHR6	20938204	CHR6:20938204	SSF x LoA	-10,3172905	0,033	0,314
CHR6	20947770	CHR6:20947770	SSF x LoA	-9,14103929	-0,029	0,319
CHR6	20947811	CHR6:20947811	SSF x LoA	-9,78127162	-0,145	0,291
CHR6	20947828	CHR6:20947828	SSF x LoA	-9,39719969	-0,023	0,308
CHR6	2094881	CHR6:2094881	SSF x LoA	-9,65324755	-0,082	0,302
CHR6	2094917	CHR6:2094917	SSF x LoA	-11,7351417	-0,001	0,295
CHR6	20953963	CHR6:20953963	SSF x LoA	-7,53686274	0,117	0,297
CHR6	20954009	CHR6:20954009	SSF x LoA	-10,1940399	0,078	0,300
CHR6	20962599	CHR6:20962599	SSF x LoA	-10,1530411	-0,086	0,297
CHR6	20962615	CHR6:20962615	SSF x LoA	-7,72939984	-0,148	0,291
CHR6	20962636	CHR6:20962636	SSF x LoA	-6,58978076	-0,212	0,284
CHR6	20962652	CHR6:20962652	SSF x LoA	1,97679677	-0,161	0,295
CHR6	20962673	CHR6:20962673	SSF x LoA	-8,15884195	0,077	0,305
CHR6	20962674	CHR6:20962674	SSF x LoA	-9,65220882	-0,033	0,310
CHR6	20962794	CHR6:20962794	SSF x LoA	-7,37090536	-0,100	0,295
CHR6	20962799	CHR6:20962799	SSF x LoA	-8,23746164	0,111	0,310
CHR6	20962839	CHR6:20962839	SSF x LoA	-9,41764401	0,054	0,309
CHR6	20971993	CHR6:20971993	SSF x LoA	-6,50616155	-0,165	0,283
CHR6	20972134	CHR6:20972134	SSF x LoA	-7,37931611	-0,155	0,303
CHR6	20973157	CHR6:20973157	SSF x LoA	-9,47197508	0,054	0,310
CHR6	20982518	CHR6:20982518	SSF x LoA	-8,83170474	0,183	0,286
CHR6	20985247	CHR6:20985247	SSF x LoA	-8,15710374	0,070	0,315
CHR6	20985411	CHR6:20985411	SSF x LoA	-7,48045466	0,061	0,302
CHR6	20985469	CHR6:20985469	SSF x LoA	-9,30589056	0,083	0,289
CHR6	21001543	CHR6:21001543	SSF x LoA	-8,67937488	-0,050	0,300
CHR6	21001617	CHR6:21001617	SSF x LoA	-7,46709797	0,108	0,307

CHR6	2101355	CHR6:2101355	SSF x LoA	-8,84378131	-0,080	0,297
CHR6	21016326	CHR6:21016326	SSF x LoA	-7,04449336	0,095	0,291
CHR6	21016332	CHR6:21016332	SSF x LoA	-6,4115678	0,017	0,326
CHR6	21017009	CHR6:21017009	SSF x LoA	-9,22524431	0,069	0,313
CHR6	21019662	CHR6:21019662	SSF x LoA	-8,52148961	-0,004	0,311
CHR6	21019730	CHR6:21019730	SSF x LoA	-11,43104	-0,119	0,306
CHR6	21019818	CHR6:21019818	SSF x LoA	-10,6965668	-0,056	0,308
CHR6	21022154	CHR6:21022154	SSF x LoA	-9,16403915	-0,013	0,308
CHR6	21030551	CHR6:21030551	SSF x LoA	-4,55106675	0,093	0,312
CHR6	21030552	CHR6:21030552	SSF x LoA	-9,25097926	-0,006	0,313
CHR6	21030564	CHR6:21030564	SSF x LoA	-2,64078717	0,000	0,334
CHR6	21030589	CHR6:21030589	SSF x LoA	-10,1703786	-0,057	0,316
CHR6	21040803	CHR6:21040803	SSF x LoA	-9,88272147	0,017	0,301
CHR6	21040806	CHR6:21040806	SSF x LoA	-10,377094	0,029	0,299
CHR6	21040807	CHR6:21040807	SSF x LoA	-10,6339462	0,028	0,297
CHR6	21040808	CHR6:21040808	SSF x LoA	-10,834113	0,016	0,303
CHR6	21061342	CHR6:21061342	SSF x LoA	-9,36817179	0,038	0,300
CHR6	21085586	CHR6:21085586	SSF x LoA	-9,0124058	0,069	0,313
CHR6	21086281	CHR6:21086281	SSF x LoA	-8,44248931	-0,058	0,322
CHR6	21087767	CHR6:21087767	SSF x LoA	-8,6868147	-0,006	0,296
CHR6	21098432	CHR6:21098432	SSF x LoA	-8,95163358	0,075	0,315
CHR6	21099776	CHR6:21099776	SSF x LoA	-10,448737	-0,123	0,306
CHR6	21106349	CHR6:21106349	SSF x LoA	-4,81553677	0,194	0,291
CHR6	21106529	CHR6:21106529	SSF x LoA	-8,80753148	-0,121	0,290
CHR6	21111180	CHR6:21111180	SSF x LoA	-9,84438972	0,036	0,306
CHR6	21111193	CHR6:21111193	SSF x LoA	-5,81239394	-0,042	0,283
CHR6	21111265	CHR6:21111265	SSF x LoA	-10,964478	0,037	0,308
CHR6	21111307	CHR6:21111307	SSF x LoA	-8,62332331	0,058	0,314
CHR6	21111389	CHR6:21111389	SSF x LoA	-9,84975841	0,043	0,315
CHR6	21112679	CHR6:21112679	SSF x LoA	-7,2892512	-0,005	0,322
CHR6	21112810	CHR6:21112810	SSF x LoA	-8,68592588	0,051	0,309
CHR6	21113909	CHR6:21113909	SSF x LoA	-9,16089775	-0,173	0,295
CHR6	21113920	CHR6:21113920	SSF x LoA	-7,73301642	-0,020	0,318
CHR6	21114502	CHR6:21114502	SSF x LoA	-9,12753877	-0,104	0,312
CHR6	21123407	CHR6:21123407	SSF x LoA	-11,4508775	-0,080	0,298
CHR6	21131255	CHR6:21131255	SSF x LoA	-10,7310352	-0,037	0,301
CHR6	21131284	CHR6:21131284	SSF x LoA	-9,3601101	0,074	0,311
CHR6	21131317	CHR6:21131317	SSF x LoA	-9,91163602	0,007	0,310
CHR6	21131473	CHR6:21131473	SSF x LoA	-10,4159708	0,029	0,311
CHR6	21134703	CHR6:21134703	SSF x LoA	-7,74412181	0,065	0,313
CHR6	21134764	CHR6:21134764	SSF x LoA	-8,31213669	0,061	0,301
CHR6	21141308	CHR6:21141308	SSF x LoA	-11,0968548	-0,057	0,295
CHR6	21141324	CHR6:21141324	SSF x LoA	-10,2899439	0,057	0,307
CHR6	21141362	CHR6:21141362	SSF x LoA	-8,550674	-0,038	0,305
CHR6	21153171	CHR6:21153171	SSF x LoA	-11,1125285	0,051	0,298
CHR6	2116118	CHR6:2116118	SSF x LoA	-11,694794	0,013	0,305
CHR6	2116128	CHR6:2116128	SSF x LoA	-8,78435043	0,040	0,310
CHR6	2116129	CHR6:2116129	SSF x LoA	-2,78174668	-0,011	0,301
CHR6	2116144	CHR6:2116144	SSF x LoA	-9,41502099	0,029	0,309
CHR6	2116223	CHR6:2116223	SSF x LoA	-10,9094306	0,084	0,298
CHR6	2116225	CHR6:2116225	SSF x LoA	-10,0831352	0,082	0,310
CHR6	2116236	CHR6:2116236	SSF x LoA	-10,7723479	0,017	0,317
CHR6	2116300	CHR6:2116300	SSF x LoA	-9,11792075	-0,013	0,304

CHR6	21168493	CHR6:21168493	SSF x LoA	-6,28954151	0,130	0,306
CHR6	21177747	CHR6:21177747	SSF x LoA	-10,8824554	-0,070	0,323
CHR6	21180686	CHR6:21180686	SSF x LoA	-10,6492623	0,052	0,312
CHR6	21180712	CHR6:21180712	SSF x LoA	-8,45966196	-0,038	0,306
CHR6	21180713	CHR6:21180713	SSF x LoA	-10,6914551	0,014	0,296
CHR6	21180719	CHR6:21180719	SSF x LoA	-10,413472	0,012	0,317
CHR6	21180727	CHR6:21180727	SSF x LoA	-8,72452416	-0,029	0,308
CHR6	21180734	CHR6:21180734	SSF x LoA	-10,0640917	-0,025	0,306
CHR6	21180803	CHR6:21180803	SSF x LoA	-8,46398609	0,110	0,312
CHR6	21189704	CHR6:21189704	SSF x LoA	-8,50473612	-0,012	0,295
CHR6	21190411	CHR6:21190411	SSF x LoA	-8,31316448	0,071	0,305
CHR6	21190447	CHR6:21190447	SSF x LoA	-10,2664726	0,076	0,308
CHR6	21190474	CHR6:21190474	SSF x LoA	-8,89389329	0,015	0,307
CHR6	21194175	CHR6:21194175	SSF x LoA	-5,48219286	-0,061	0,304
CHR6	21194196	CHR6:21194196	SSF x LoA	-9,57790615	0,023	0,311
CHR6	21194197	CHR6:21194197	SSF x LoA	-8,92755169	-0,029	0,306
CHR6	21217063	CHR6:21217063	SSF x LoA	-9,22892843	0,033	0,317
CHR6	21217064	CHR6:21217064	SSF x LoA	-9,73036264	0,016	0,293
CHR6	21217075	CHR6:21217075	SSF x LoA	-8,83539845	-0,001	0,308
CHR6	21217134	CHR6:21217134	SSF x LoA	-6,8326518	0,106	0,312
CHR6	21217149	CHR6:21217149	SSF x LoA	-8,80672231	0,027	0,303
CHR6	21217153	CHR6:21217153	SSF x LoA	-9,39322834	0,033	0,307
CHR6	21217168	CHR6:21217168	SSF x LoA	-9,71440157	-0,006	0,304
CHR6	21217172	CHR6:21217172	SSF x LoA	-7,27112494	-0,071	0,315
CHR6	21217174	CHR6:21217174	SSF x LoA	-8,49022631	0,055	0,295
CHR6	21217178	CHR6:21217178	SSF x LoA	-7,94894807	0,032	0,313
CHR6	21217187	CHR6:21217187	SSF x LoA	-4,87510023	0,057	0,315
CHR6	21225751	CHR6:21225751	SSF x LoA	-9,79073462	0,101	0,317
CHR6	21225753	CHR6:21225753	SSF x LoA	-9,50216974	0,102	0,310
CHR6	21225761	CHR6:21225761	SSF x LoA	-6,87508241	0,093	0,306
CHR6	21225834	CHR6:21225834	SSF x LoA	-7,09874691	0,141	0,318
CHR6	21225843	CHR6:21225843	SSF x LoA	-10,811194	0,089	0,310
CHR6	21225908	CHR6:21225908	SSF x LoA	-10,2752307	0,023	0,318
CHR6	21225915	CHR6:21225915	SSF x LoA	-10,9754595	-0,112	0,292
CHR6	21225929	CHR6:21225929	SSF x LoA	-8,87125656	-0,012	0,316
CHR6	21234135	CHR6:21234135	SSF x LoA	-6,90085943	-0,039	0,297
CHR6	21234156	CHR6:21234156	SSF x LoA	-9,22588925	0,020	0,298
CHR6	21234181	CHR6:21234181	SSF x LoA	-5,44374695	-0,062	0,316
CHR6	21234190	CHR6:21234190	SSF x LoA	-9,68107498	0,011	0,315
CHR6	21234220	CHR6:21234220	SSF x LoA	-7,37648538	-0,128	0,299
CHR6	21234228	CHR6:21234228	SSF x LoA	-5,6646539	0,074	0,308
CHR6	21234229	CHR6:21234229	SSF x LoA	-7,6780138	0,027	0,308
CHR6	21236842	CHR6:21236842	SSF x LoA	-8,56144659	-0,008	0,313
CHR6	21236966	CHR6:21236966	SSF x LoA	-8,19330626	0,061	0,304
CHR6	21237007	CHR6:21237007	SSF x LoA	-8,55569336	0,029	0,307
CHR6	2123759	CHR6:2123759	SSF x LoA	-10,8783838	0,118	0,311
CHR6	21241257	CHR6:21241257	SSF x LoA	-9,57631717	-0,018	0,312
CHR6	21241398	CHR6:21241398	SSF x LoA	-10,8889965	0,045	0,286
CHR6	2125432	CHR6:2125432	SSF x LoA	-7,91463248	0,085	0,312
CHR6	2125440	CHR6:2125440	SSF x LoA	-11,8704381	0,050	0,298
CHR6	21261517	CHR6:21261517	SSF x LoA	-9,65052099	-0,030	0,315
CHR6	21261526	CHR6:21261526	SSF x LoA	-11,7827138	0,016	0,307
CHR6	21261541	CHR6:21261541	SSF x LoA	-11,5919431	0,011	0,311

CHR6	21261545	CHR6:21261545	SSF x LoA	-10,7658168	0,024	0,313
CHR6	21261580	CHR6:21261580	SSF x LoA	-9,15518338	0,026	0,289
CHR6	21261581	CHR6:21261581	SSF x LoA	-10,1484535	0,038	0,305
CHR6	21261655	CHR6:21261655	SSF x LoA	-9,42878802	-0,096	0,302
CHR6	21266918	CHR6:21266918	SSF x LoA	-8,95095458	-0,030	0,299
CHR6	21266946	CHR6:21266946	SSF x LoA	-11,5426594	-0,036	0,309
CHR6	21266947	CHR6:21266947	SSF x LoA	-11,1335698	-0,057	0,299
CHR6	21267028	CHR6:21267028	SSF x LoA	-10,59258	-0,003	0,308
CHR6	21299764	CHR6:21299764	SSF x LoA	-3,91910104	-0,171	0,304
CHR6	21299788	CHR6:21299788	SSF x LoA	-5,78059569	-0,197	0,289
CHR6	21299792	CHR6:21299792	SSF x LoA	-8,1424968	-0,183	0,288
CHR6	21299823	CHR6:21299823	SSF x LoA	-10,532717	-0,060	0,312
CHR6	21308396	CHR6:21308396	SSF x LoA	-4,72549497	-0,181	0,313
CHR6	21308473	CHR6:21308473	SSF x LoA	-8,98946912	-0,057	0,300
CHR6	21308479	CHR6:21308479	SSF x LoA	-8,57816752	0,040	0,306
CHR6	21308482	CHR6:21308482	SSF x LoA	-8,5358524	0,051	0,296
CHR6	21308513	CHR6:21308513	SSF x LoA	-8,51798847	-0,011	0,315
CHR6	21308514	CHR6:21308514	SSF x LoA	-8,84184282	-0,038	0,307
CHR6	21309715	CHR6:21309715	SSF x LoA	-10,3923013	0,126	0,307
CHR6	21309717	CHR6:21309717	SSF x LoA	-9,61344368	-0,134	0,310
CHR6	21309762	CHR6:21309762	SSF x LoA	-4,89560415	0,078	0,308
CHR6	21311914	CHR6:21311914	SSF x LoA	-9,81551913	0,144	0,305
CHR6	21311967	CHR6:21311967	SSF x LoA	-7,70844768	-0,053	0,319
CHR6	21312013	CHR6:21312013	SSF x LoA	-10,4604136	0,007	0,309
CHR6	21312101	CHR6:21312101	SSF x LoA	-1,38272001	0,063	0,304
CHR6	21312139	CHR6:21312139	SSF x LoA	-12,1049486	0,061	0,292
CHR6	21312146	CHR6:21312146	SSF x LoA	-7,00954088	-0,010	0,304
CHR6	21312147	CHR6:21312147	SSF x LoA	-6,60301058	-0,115	0,306
CHR6	21324054	CHR6:21324054	SSF x LoA	-9,28106561	-0,027	0,299
CHR6	21324072	CHR6:21324072	SSF x LoA	-8,6363843	-0,006	0,297
CHR6	21325307	CHR6:21325307	SSF x LoA	-9,80836516	-0,021	0,321
CHR6	21325346	CHR6:21325346	SSF x LoA	-8,37091611	0,118	0,303
CHR6	21325383	CHR6:21325383	SSF x LoA	-9,98654959	-0,027	0,315
CHR6	2132657	CHR6:2132657	SSF x LoA	-9,37857781	-0,013	0,308
CHR6	21328808	CHR6:21328808	SSF x LoA	-11,5026121	0,005	0,316
CHR6	21328841	CHR6:21328841	SSF x LoA	-9,8181041	-0,043	0,306
CHR6	21328846	CHR6:21328846	SSF x LoA	-10,9602661	-0,016	0,319
CHR6	21331774	CHR6:21331774	SSF x LoA	-9,94224815	0,129	0,304
CHR6	21334348	CHR6:21334348	SSF x LoA	-8,01831656	-0,003	0,328
CHR6	21334405	CHR6:21334405	SSF x LoA	-9,21288099	0,096	0,297
CHR6	21340366	CHR6:21340366	SSF x LoA	-9,84231854	0,063	0,303
CHR6	21344047	CHR6:21344047	SSF x LoA	-6,85063218	-0,126	0,302
CHR6	21351259	CHR6:21351259	SSF x LoA	-2,63926464	0,084	0,312
CHR6	21351336	CHR6:21351336	SSF x LoA	-10,4603988	-0,021	0,303
CHR6	21351337	CHR6:21351337	SSF x LoA	-10,6635747	-0,033	0,310
CHR6	21351339	CHR6:21351339	SSF x LoA	-11,0179171	-0,017	0,306
CHR6	21368858	CHR6:21368858	SSF x LoA	-10,9266519	0,015	0,300
CHR6	21368952	CHR6:21368952	SSF x LoA	-8,82403077	0,112	0,317
CHR6	21375340	CHR6:21375340	SSF x LoA	-5,66288809	0,193	0,312
CHR6	21375468	CHR6:21375468	SSF x LoA	-6,12541086	0,173	0,306
CHR6	21375556	CHR6:21375556	SSF x LoA	-8,28131278	0,072	0,312
CHR6	21384378	CHR6:21384378	SSF x LoA	-9,90532695	-0,098	0,306
CHR6	21392646	CHR6:21392646	SSF x LoA	-7,93975097	0,039	0,309

CHR6	21402664	CHR6:21402664	SSF x LoA	-5,71195505	-0,095	0,305
CHR6	21402799	CHR6:21402799	SSF x LoA	-6,01390643	0,160	0,297
CHR6	21402886	CHR6:21402886	SSF x LoA	-7,98393689	0,018	0,304
CHR6	21402925	CHR6:21402925	SSF x LoA	-9,67363546	-0,058	0,301
CHR6	21409672	CHR6:21409672	SSF x LoA	-8,42591559	0,012	0,300
CHR6	21409691	CHR6:21409691	SSF x LoA	-8,05174319	0,022	0,307
CHR6	21414228	CHR6:21414228	SSF x LoA	-9,91950228	-0,024	0,312
CHR6	21421919	CHR6:21421919	SSF x LoA	-7,76926847	-0,085	0,316
CHR6	21421920	CHR6:21421920	SSF x LoA	-8,38569374	-0,046	0,316
CHR6	21434772	CHR6:21434772	SSF x LoA	-6,96583391	-0,026	0,311
CHR6	21434778	CHR6:21434778	SSF x LoA	-6,38052122	-0,044	0,314
CHR6	21434915	CHR6:21434915	SSF x LoA	-10,9241585	-0,120	0,304
CHR6	21445742	CHR6:21445742	SSF x LoA	-10,2855054	0,023	0,313
CHR6	21452103	CHR6:21452103	SSF x LoA	-10,9097055	0,051	0,302
CHR6	21452110	CHR6:21452110	SSF x LoA	-8,15842083	0,113	0,301
CHR6	21452234	CHR6:21452234	SSF x LoA	-6,43675738	0,123	0,316
CHR6	21454288	CHR6:21454288	SSF x LoA	-10,0223739	-0,019	0,306
CHR6	21454326	CHR6:21454326	SSF x LoA	-10,6694901	0,050	0,308
CHR6	21467417	CHR6:21467417	SSF x LoA	-8,64687451	-0,088	0,307
CHR6	21475694	CHR6:21475694	SSF x LoA	-8,99633831	-0,017	0,306
CHR6	21475700	CHR6:21475700	SSF x LoA	-8,49888785	0,015	0,315
CHR6	21476206	CHR6:21476206	SSF x LoA	-9,73812377	-0,007	0,295
CHR6	21489797	CHR6:21489797	SSF x LoA	-5,83895188	-0,204	0,290
CHR6	21489798	CHR6:21489798	SSF x LoA	-7,5287234	-0,197	0,298
CHR6	21489807	CHR6:21489807	SSF x LoA	3,08563435	-0,218	0,308
CHR6	21489963	CHR6:21489963	SSF x LoA	-10,2167204	0,106	0,295
CHR6	21489970	CHR6:21489970	SSF x LoA	-9,58611348	0,074	0,296
CHR6	21495810	CHR6:21495810	SSF x LoA	-7,05193876	-0,142	0,291
CHR6	21496005	CHR6:21496005	SSF x LoA	-6,49967616	0,002	0,311
CHR6	21497928	CHR6:21497928	SSF x LoA	-7,39060456	-0,004	0,309
CHR6	21497930	CHR6:21497930	SSF x LoA	-9,10819725	-0,077	0,306
CHR6	21498067	CHR6:21498067	SSF x LoA	-10,1001815	0,052	0,312
CHR6	21526262	CHR6:21526262	SSF x LoA	-8,78672919	0,077	0,304
CHR6	21526490	CHR6:21526490	SSF x LoA	-10,298472	0,054	0,308
CHR6	21530097	CHR6:21530097	SSF x LoA	-10,2172523	0,072	0,303
CHR6	21534699	CHR6:21534699	SSF x LoA	-7,68648356	0,080	0,302
CHR6	21534707	CHR6:21534707	SSF x LoA	-8,38696107	0,062	0,302
CHR6	21534937	CHR6:21534937	SSF x LoA	-9,02295785	0,155	0,307
CHR6	21535104	CHR6:21535104	SSF x LoA	-8,53925277	0,125	0,310
CHR6	21539645	CHR6:21539645	SSF x LoA	-4,48328018	0,034	0,304
CHR6	21539690	CHR6:21539690	SSF x LoA	-10,0971786	0,027	0,292
CHR6	21540305	CHR6:21540305	SSF x LoA	-8,85898922	-0,112	0,294
CHR6	21540397	CHR6:21540397	SSF x LoA	-9,0336248	-0,079	0,293
CHR6	2154188	CHR6:2154188	SSF x LoA	-8,03918763	-0,101	0,311
CHR6	2154299	CHR6:2154299	SSF x LoA	-10,8131126	0,031	0,305
CHR6	2154320	CHR6:2154320	SSF x LoA	-8,89491469	0,027	0,306
CHR6	2154346	CHR6:2154346	SSF x LoA	-10,7367858	0,044	0,296
CHR6	21544982	CHR6:21544982	SSF x LoA	-9,72799399	-0,009	0,312
CHR6	21545108	CHR6:21545108	SSF x LoA	-8,2875614	0,054	0,317
CHR6	21547619	CHR6:21547619	SSF x LoA	-8,91416655	0,150	0,291
CHR6	21547801	CHR6:21547801	SSF x LoA	-11,0078672	-0,040	0,313
CHR6	21550420	CHR6:21550420	SSF x LoA	-10,2654704	0,037	0,306
CHR6	21550438	CHR6:21550438	SSF x LoA	-9,0379617	-0,004	0,309

CHR6	21550508	CHR6:21550508	SSF x LoA	-7,35284174	0,109	0,310
CHR6	21550606	CHR6:21550606	SSF x LoA	-10,8469843	-0,029	0,307
CHR6	21550613	CHR6:21550613	SSF x LoA	-9,85348436	0,006	0,316
CHR6	21565528	CHR6:21565528	SSF x LoA	-7,12523524	0,139	0,293
CHR6	21578507	CHR6:21578507	SSF x LoA	-7,95399279	-0,055	0,303
CHR6	21578647	CHR6:21578647	SSF x LoA	-9,41995388	0,078	0,302
CHR6	21578658	CHR6:21578658	SSF x LoA	-8,47737236	0,047	0,300
CHR6	21578684	CHR6:21578684	SSF x LoA	-8,960325	0,024	0,306
CHR6	21578731	CHR6:21578731	SSF x LoA	-8,75888864	0,027	0,301
CHR6	21578785	CHR6:21578785	SSF x LoA	-9,71924782	-0,032	0,310
CHR6	2158510	CHR6:2158510	SSF x LoA	-7,05554114	-0,084	0,305
CHR6	2158583	CHR6:2158583	SSF x LoA	-10,9004474	0,044	0,298
CHR6	2158729	CHR6:2158729	SSF x LoA	-8,32625541	0,016	0,322
CHR6	21589571	CHR6:21589571	SSF x LoA	-11,4444392	0,043	0,300
CHR6	21589642	CHR6:21589642	SSF x LoA	-8,37918772	-0,125	0,308
CHR6	21589688	CHR6:21589688	SSF x LoA	-11,4307404	0,063	0,279
CHR6	21589712	CHR6:21589712	SSF x LoA	-8,70341533	-0,048	0,308
CHR6	21589746	CHR6:21589746	SSF x LoA	-10,6037477	-0,064	0,299
CHR6	21589880	CHR6:21589880	SSF x LoA	-10,6696171	-0,056	0,307
CHR6	21589883	CHR6:21589883	SSF x LoA	-10,2353303	-0,060	0,308
CHR6	21609245	CHR6:21609245	SSF x LoA	-9,95353005	0,049	0,318
CHR6	21609308	CHR6:21609308	SSF x LoA	-10,223312	-0,053	0,313
CHR6	21609329	CHR6:21609329	SSF x LoA	-8,87392655	-0,040	0,307
CHR6	21618056	CHR6:21618056	SSF x LoA	-10,5547988	0,086	0,304
CHR6	21621701	CHR6:21621701	SSF x LoA	-10,256085	-0,014	0,303
CHR6	21638485	CHR6:21638485	SSF x LoA	-11,7195349	0,011	0,305
CHR6	21638566	CHR6:21638566	SSF x LoA	-7,69377739	-0,041	0,305
CHR6	21638620	CHR6:21638620	SSF x LoA	-7,6789821	0,061	0,321
CHR6	21645124	CHR6:21645124	SSF x LoA	-10,0869391	-0,123	0,302
CHR6	21645292	CHR6:21645292	SSF x LoA	-6,00803537	-0,049	0,302
CHR6	21657434	CHR6:21657434	SSF x LoA	-9,62989095	-0,031	0,292
CHR6	21659005	CHR6:21659005	SSF x LoA	-9,24806371	-0,091	0,299
CHR6	21659055	CHR6:21659055	SSF x LoA	-8,38539932	0,087	0,277
CHR6	21668277	CHR6:21668277	SSF x LoA	-8,68118386	-0,010	0,310
CHR6	21668313	CHR6:21668313	SSF x LoA	-11,9935612	-0,011	0,302
CHR6	21668349	CHR6:21668349	SSF x LoA	-3,68510874	0,102	0,310
CHR6	21668350	CHR6:21668350	SSF x LoA	-8,97429774	0,135	0,303
CHR6	21668400	CHR6:21668400	SSF x LoA	-9,73430758	0,011	0,306
CHR6	21668401	CHR6:21668401	SSF x LoA	-11,73648	0,065	0,291
CHR6	21668420	CHR6:21668420	SSF x LoA	-9,20955667	0,038	0,311
CHR6	21668443	CHR6:21668443	SSF x LoA	-8,95037037	0,105	0,319
CHR6	21668483	CHR6:21668483	SSF x LoA	-10,5773696	0,044	0,300
CHR6	21678028	CHR6:21678028	SSF x LoA	-8,76772852	0,058	0,306
CHR6	21678039	CHR6:21678039	SSF x LoA	-10,4854944	0,099	0,304
CHR6	21678079	CHR6:21678079	SSF x LoA	-8,33192671	-0,118	0,313
CHR6	21680602	CHR6:21680602	SSF x LoA	-7,48430066	-0,115	0,308
CHR6	21680605	CHR6:21680605	SSF x LoA	-11,1926518	-0,062	0,303
CHR6	21680641	CHR6:21680641	SSF x LoA	-8,84635277	-0,147	0,294
CHR6	21680753	CHR6:21680753	SSF x LoA	-11,7957336	-0,062	0,310
CHR6	21690834	CHR6:21690834	SSF x LoA	-9,45501958	0,010	0,303
CHR6	21690931	CHR6:21690931	SSF x LoA	-9,43531188	0,095	0,315
CHR6	21690991	CHR6:21690991	SSF x LoA	-10,7192922	-0,016	0,299
CHR6	21691000	CHR6:21691000	SSF x LoA	-8,2967362	-0,073	0,309

CHR6	21691009	CHR6:21691009	SSF x LoA	-9,15974689	0,071	0,313
CHR6	21700604	CHR6:21700604	SSF x LoA	-7,7052381	-0,014	0,291
CHR6	21703854	CHR6:21703854	SSF x LoA	-12,0139368	0,058	0,292
CHR6	21703855	CHR6:21703855	SSF x LoA	-10,514601	0,074	0,303
CHR6	21703880	CHR6:21703880	SSF x LoA	-8,80887439	-0,027	0,302
CHR6	21703940	CHR6:21703940	SSF x LoA	-7,55913699	-0,048	0,304
CHR6	21703972	CHR6:21703972	SSF x LoA	-0,05059102	0,148	0,288
CHR6	21703974	CHR6:21703974	SSF x LoA	-10,0542468	-0,061	0,297
CHR6	21703983	CHR6:21703983	SSF x LoA	-10,685911	-0,108	0,300
CHR6	21716021	CHR6:21716021	SSF x LoA	-7,63231538	-0,029	0,309
CHR6	21716082	CHR6:21716082	SSF x LoA	-11,8732146	-0,074	0,293
CHR6	21716108	CHR6:21716108	SSF x LoA	-11,0378677	0,011	0,312
CHR6	21716216	CHR6:21716216	SSF x LoA	-9,38550497	-0,030	0,309
CHR6	21716258	CHR6:21716258	SSF x LoA	-6,02844167	-0,068	0,306
CHR6	21725068	CHR6:21725068	SSF x LoA	-10,0822055	-0,017	0,308
CHR6	21725134	CHR6:21725134	SSF x LoA	-11,6684575	0,000	0,303
CHR6	21729642	CHR6:21729642	SSF x LoA	-9,0433177	0,126	0,294
CHR6	21733352	CHR6:21733352	SSF x LoA	-9,42519793	-0,024	0,309
CHR6	21733357	CHR6:21733357	SSF x LoA	-9,22643856	-0,020	0,306
CHR6	21733404	CHR6:21733404	SSF x LoA	-9,09191853	0,011	0,302
CHR6	21733428	CHR6:21733428	SSF x LoA	-10,8365921	-0,056	0,315
CHR6	21733485	CHR6:21733485	SSF x LoA	-9,72688652	-0,001	0,308
CHR6	21733533	CHR6:21733533	SSF x LoA	-8,224074	-0,138	0,307
CHR6	21733570	CHR6:21733570	SSF x LoA	-9,16787298	0,017	0,301
CHR6	21740157	CHR6:21740157	SSF x LoA	-9,56290583	-0,061	0,310
CHR6	21740308	CHR6:21740308	SSF x LoA	-9,90696612	0,091	0,302
CHR6	21762960	CHR6:21762960	SSF x LoA	-9,53292725	0,107	0,306
CHR6	21763111	CHR6:21763111	SSF x LoA	-9,13100837	0,044	0,309
CHR6	21771902	CHR6:21771902	SSF x LoA	-7,45948235	0,009	0,306
CHR6	21778385	CHR6:21778385	SSF x LoA	-8,92801866	-0,030	0,302
CHR6	21780939	CHR6:21780939	SSF x LoA	-5,86253475	-0,013	0,313
CHR6	21780988	CHR6:21780988	SSF x LoA	-11,744994	-0,063	0,312
CHR6	2178229	CHR6:2178229	SSF x LoA	-10,0465952	0,137	0,295
CHR6	21791481	CHR6:21791481	SSF x LoA	-9,98207669	-0,024	0,310
CHR6	21791567	CHR6:21791567	SSF x LoA	-7,99586644	-0,100	0,303
CHR6	21791578	CHR6:21791578	SSF x LoA	-7,39457149	-0,015	0,314
CHR6	21791638	CHR6:21791638	SSF x LoA	-10,9100023	0,054	0,303
CHR6	21791678	CHR6:21791678	SSF x LoA	-6,6434212	0,003	0,312
CHR6	21797034	CHR6:21797034	SSF x LoA	-9,11815766	-0,136	0,301
CHR6	21797107	CHR6:21797107	SSF x LoA	-8,8850515	0,063	0,306
CHR6	21797198	CHR6:21797198	SSF x LoA	-5,38350173	0,101	0,301
CHR6	21797206	CHR6:21797206	SSF x LoA	-9,86353337	0,094	0,306
CHR6	21806530	CHR6:21806530	SSF x LoA	-9,09442548	0,020	0,309
CHR6	21806552	CHR6:21806552	SSF x LoA	-9,13372293	-0,109	0,311
CHR6	21807779	CHR6:21807779	SSF x LoA	-8,78490076	-0,013	0,313
CHR6	21807857	CHR6:21807857	SSF x LoA	-9,83437963	0,037	0,305
CHR6	21809664	CHR6:21809664	SSF x LoA	-8,35062898	0,066	0,324
CHR6	21809669	CHR6:21809669	SSF x LoA	-8,62884823	0,048	0,305
CHR6	21809670	CHR6:21809670	SSF x LoA	-9,00908786	0,080	0,300
CHR6	21809720	CHR6:21809720	SSF x LoA	-7,02018013	0,095	0,311
CHR6	21814772	CHR6:21814772	SSF x LoA	-10,9863105	-0,031	0,309
CHR6	21814838	CHR6:21814838	SSF x LoA	-7,41140407	-0,145	0,314
CHR6	21814841	CHR6:21814841	SSF x LoA	-8,13711964	-0,114	0,309

CHR6	21815179	CHR6:21815179	SSF x LoA	-9,71898368	0,039	0,306
CHR6	2181971	CHR6:2181971	SSF x LoA	-8,27811856	-0,026	0,329
CHR6	2182022	CHR6:2182022	SSF x LoA	-9,91469654	-0,101	0,306
CHR6	2182026	CHR6:2182026	SSF x LoA	-10,0579276	0,057	0,320
CHR6	21823371	CHR6:21823371	SSF x LoA	-7,5163748	-0,058	0,303
CHR6	21830670	CHR6:21830670	SSF x LoA	-10,2627771	0,013	0,314
CHR6	21830682	CHR6:21830682	SSF x LoA	-10,2508968	0,017	0,303
CHR6	21830691	CHR6:21830691	SSF x LoA	-10,544986	0,012	0,312
CHR6	21830732	CHR6:21830732	SSF x LoA	-8,08333001	-0,079	0,311
CHR6	21834321	CHR6:21834321	SSF x LoA	-10,6225705	0,068	0,298
CHR6	21840072	CHR6:21840072	SSF x LoA	-9,37499105	0,073	0,304
CHR6	21841974	CHR6:21841974	SSF x LoA	-8,62571704	0,008	0,317
CHR6	21842013	CHR6:21842013	SSF x LoA	-10,1636044	0,053	0,314
CHR6	21842039	CHR6:21842039	SSF x LoA	-9,0819814	0,061	0,319
CHR6	21842114	CHR6:21842114	SSF x LoA	-11,5667267	0,039	0,301
CHR6	21842136	CHR6:21842136	SSF x LoA	-9,64783117	0,119	0,294
CHR6	21842185	CHR6:21842185	SSF x LoA	-10,1450093	0,074	0,309
CHR6	21842223	CHR6:21842223	SSF x LoA	-11,8862722	-0,006	0,290
CHR6	21848270	CHR6:21848270	SSF x LoA	-5,59835853	0,133	0,297
CHR6	21848284	CHR6:21848284	SSF x LoA	-10,1268647	0,083	0,297
CHR6	21848313	CHR6:21848313	SSF x LoA	-3,27164596	-0,120	0,309
CHR6	21848345	CHR6:21848345	SSF x LoA	-6,22678839	0,021	0,311
CHR6	21848385	CHR6:21848385	SSF x LoA	-9,43067774	-0,060	0,290
CHR6	21854287	CHR6:21854287	SSF x LoA	-8,39124263	0,086	0,313
CHR6	21858583	CHR6:21858583	SSF x LoA	-9,49527349	0,009	0,306
CHR6	21858624	CHR6:21858624	SSF x LoA	-11,7263638	0,033	0,295
CHR6	21858639	CHR6:21858639	SSF x LoA	-10,4179968	0,003	0,302
CHR6	21858656	CHR6:21858656	SSF x LoA	-11,1033339	-0,030	0,299
CHR6	21858682	CHR6:21858682	SSF x LoA	-12,5279079	0,083	0,298
CHR6	21864915	CHR6:21864915	SSF x LoA	-10,2619774	0,041	0,300
CHR6	21864916	CHR6:21864916	SSF x LoA	-8,11749621	0,047	0,314
CHR6	21864982	CHR6:21864982	SSF x LoA	-10,5341121	-0,050	0,309
CHR6	21865021	CHR6:21865021	SSF x LoA	-8,55232158	-0,107	0,306
CHR6	21865033	CHR6:21865033	SSF x LoA	-7,53927248	-0,110	0,312
CHR6	21868953	CHR6:21868953	SSF x LoA	-10,8935616	-0,018	0,306
CHR6	21869069	CHR6:21869069	SSF x LoA	-10,2338262	-0,022	0,307
CHR6	21869148	CHR6:21869148	SSF x LoA	-7,3070705	0,086	0,307
CHR6	21869310	CHR6:21869310	SSF x LoA	-8,11851973	-0,070	0,317
CHR6	21869390	CHR6:21869390	SSF x LoA	-7,79439297	-0,099	0,313
CHR6	21886267	CHR6:21886267	SSF x LoA	-11,2681985	-0,040	0,317
CHR6	21892451	CHR6:21892451	SSF x LoA	-10,3084808	0,028	0,314
CHR6	21915292	CHR6:21915292	SSF x LoA	-9,31047972	-0,022	0,327
CHR6	21915415	CHR6:21915415	SSF x LoA	-7,75731202	-0,055	0,316
CHR6	21917497	CHR6:21917497	SSF x LoA	-8,55475486	0,106	0,304
CHR6	21917705	CHR6:21917705	SSF x LoA	-7,27990217	-0,004	0,315
CHR6	21917838	CHR6:21917838	SSF x LoA	-10,2413181	0,106	0,298
CHR6	2192676	CHR6:2192676	SSF x LoA	-8,08828677	0,035	0,305
CHR6	2192897	CHR6:2192897	SSF x LoA	-9,18985566	0,067	0,311
CHR6	2192898	CHR6:2192898	SSF x LoA	-9,56420176	0,063	0,311
CHR6	21936225	CHR6:21936225	SSF x LoA	-8,54287915	0,067	0,317
CHR6	21936230	CHR6:21936230	SSF x LoA	-6,16500883	-0,121	0,309
CHR6	21945012	CHR6:21945012	SSF x LoA	-8,64561592	0,039	0,304
CHR6	21945082	CHR6:21945082	SSF x LoA	-9,85195385	-0,042	0,300

CHR6	21945109	CHR6:21945109	SSF x LoA	-8,73319174	0,095	0,297
CHR6	21945122	CHR6:21945122	SSF x LoA	-9,69687498	0,082	0,299
CHR6	21945221	CHR6:21945221	SSF x LoA	-9,33994217	0,123	0,308
CHR6	21945239	CHR6:21945239	SSF x LoA	-7,15076889	-0,161	0,292
CHR6	21952633	CHR6:21952633	SSF x LoA	-9,1816687	-0,043	0,308
CHR6	21952702	CHR6:21952702	SSF x LoA	-8,90206551	0,029	0,317
CHR6	21952779	CHR6:21952779	SSF x LoA	-11,3853222	0,056	0,291
CHR6	21952802	CHR6:21952802	SSF x LoA	-4,75091145	-0,107	0,303
CHR6	21952815	CHR6:21952815	SSF x LoA	-8,73624666	-0,057	0,308
CHR6	21952848	CHR6:21952848	SSF x LoA	-10,8685242	-0,095	0,299
CHR6	219546	CHR6:219546	SSF x LoA	-8,38334542	0,075	0,320
CHR6	21956815	CHR6:21956815	SSF x LoA	-9,47793588	0,030	0,324
CHR6	2197535	CHR6:2197535	SSF x LoA	-9,44876857	0,019	0,310
CHR6	21981228	CHR6:21981228	SSF x LoA	-8,8988535	-0,079	0,310
CHR6	21981275	CHR6:21981275	SSF x LoA	-10,4465519	0,085	0,310
CHR6	22000628	CHR6:22000628	SSF x LoA	-8,31686161	-0,077	0,317
CHR6	22013626	CHR6:22013626	SSF x LoA	-10,265999	0,019	0,300
CHR6	22013699	CHR6:22013699	SSF x LoA	-6,04969397	0,040	0,309
CHR6	22013793	CHR6:22013793	SSF x LoA	-6,90281163	0,143	0,289
CHR6	22013835	CHR6:22013835	SSF x LoA	-7,81555443	0,009	0,310
CHR6	22013836	CHR6:22013836	SSF x LoA	-8,50251313	0,006	0,300
CHR6	22013860	CHR6:22013860	SSF x LoA	-8,5437016	-0,002	0,307
CHR6	22015107	CHR6:22015107	SSF x LoA	-8,27308429	-0,020	0,309
CHR6	22031207	CHR6:22031207	SSF x LoA	-8,72990509	0,068	0,299
CHR6	22031214	CHR6:22031214	SSF x LoA	-10,2487152	-0,027	0,295
CHR6	22032136	CHR6:22032136	SSF x LoA	-12,004961	0,017	0,299
CHR6	22034715	CHR6:22034715	SSF x LoA	-8,00645271	-0,050	0,290
CHR6	22034775	CHR6:22034775	SSF x LoA	-10,2851803	-0,087	0,307
CHR6	22034782	CHR6:22034782	SSF x LoA	-8,50596998	0,030	0,325
CHR6	22034829	CHR6:22034829	SSF x LoA	-11,0429144	-0,078	0,318
CHR6	22034876	CHR6:22034876	SSF x LoA	-8,33456221	0,041	0,306
CHR6	22039220	CHR6:22039220	SSF x LoA	-8,5230737	-0,110	0,317
CHR6	22039386	CHR6:22039386	SSF x LoA	-9,05597093	-0,070	0,309
CHR6	2204686	CHR6:2204686	SSF x LoA	-8,33456348	-0,023	0,317
CHR6	2204734	CHR6:2204734	SSF x LoA	-8,94664403	0,044	0,305
CHR6	22052769	CHR6:22052769	SSF x LoA	-8,00871	-0,067	0,306
CHR6	22052779	CHR6:22052779	SSF x LoA	-10,0769106	0,067	0,299
CHR6	22052787	CHR6:22052787	SSF x LoA	-10,3514231	0,028	0,294
CHR6	22052811	CHR6:22052811	SSF x LoA	-9,08075778	0,009	0,300
CHR6	22052848	CHR6:22052848	SSF x LoA	-8,54656326	0,012	0,317
CHR6	22052878	CHR6:22052878	SSF x LoA	-8,10547711	-0,017	0,330
CHR6	22055870	CHR6:22055870	SSF x LoA	-11,1588279	-0,014	0,314
CHR6	22055873	CHR6:22055873	SSF x LoA	-10,7335089	-0,074	0,316
CHR6	22055903	CHR6:22055903	SSF x LoA	-11,9752609	0,048	0,304
CHR6	22055988	CHR6:22055988	SSF x LoA	-1,65264929	-0,199	0,300
CHR6	22056007	CHR6:22056007	SSF x LoA	-10,3850885	0,037	0,300
CHR6	22056138	CHR6:22056138	SSF x LoA	-10,2374924	0,127	0,306
CHR6	22059307	CHR6:22059307	SSF x LoA	-10,4206564	0,025	0,319
CHR6	22059329	CHR6:22059329	SSF x LoA	-9,20555354	-0,066	0,312
CHR6	22059341	CHR6:22059341	SSF x LoA	-9,5219816	-0,022	0,307
CHR6	22059345	CHR6:22059345	SSF x LoA	-7,55053556	-0,061	0,299
CHR6	22063814	CHR6:22063814	SSF x LoA	-7,64089665	-0,154	0,289
CHR6	22063834	CHR6:22063834	SSF x LoA	-9,15788715	-0,044	0,314

CHR6	22063864	CHR6:22063864	SSF x LoA	-8,05328756	-0,107	0,301
CHR6	22078151	CHR6:22078151	SSF x LoA	-8,49921077	-0,066	0,322
CHR6	22078261	CHR6:22078261	SSF x LoA	-8,92889158	-0,046	0,306
CHR6	22078383	CHR6:22078383	SSF x LoA	-11,6064688	-0,015	0,300
CHR6	22083915	CHR6:22083915	SSF x LoA	-7,63750726	0,004	0,310
CHR6	22083932	CHR6:22083932	SSF x LoA	-10,2837358	0,075	0,318
CHR6	22083995	CHR6:22083995	SSF x LoA	-11,011576	-0,030	0,306
CHR6	22090381	CHR6:22090381	SSF x LoA	-11,911714	-0,002	0,314
CHR6	22090399	CHR6:22090399	SSF x LoA	-10,8937225	0,007	0,309
CHR6	22090475	CHR6:22090475	SSF x LoA	-9,25688827	-0,003	0,303
CHR6	22090487	CHR6:22090487	SSF x LoA	-10,4886392	-0,130	0,304
CHR6	22090505	CHR6:22090505	SSF x LoA	-8,57296797	0,111	0,295
CHR6	22099643	CHR6:22099643	SSF x LoA	-9,70803437	0,102	0,292
CHR6	22099680	CHR6:22099680	SSF x LoA	-8,36721469	-0,009	0,319
CHR6	22099683	CHR6:22099683	SSF x LoA	-11,5804896	0,001	0,301
CHR6	22099773	CHR6:22099773	SSF x LoA	-10,1133898	-0,046	0,305
CHR6	22099808	CHR6:22099808	SSF x LoA	-11,2486694	-0,019	0,303
CHR6	22119018	CHR6:22119018	SSF x LoA	-6,43181756	-0,074	0,302
CHR6	22119021	CHR6:22119021	SSF x LoA	-10,0178596	-0,076	0,301
CHR6	22119024	CHR6:22119024	SSF x LoA	-7,35445654	-0,040	0,314
CHR6	22119027	CHR6:22119027	SSF x LoA	-11,3409382	-0,029	0,305
CHR6	22119085	CHR6:22119085	SSF x LoA	-8,66566194	0,056	0,300
CHR6	22119160	CHR6:22119160	SSF x LoA	-11,2181585	-0,067	0,301
CHR6	22119177	CHR6:22119177	SSF x LoA	-9,63484871	0,002	0,308
CHR6	22119196	CHR6:22119196	SSF x LoA	-8,97612057	-0,105	0,310
CHR6	22119212	CHR6:22119212	SSF x LoA	-8,08216127	-0,064	0,319
CHR6	22120800	CHR6:22120800	SSF x LoA	-8,17111128	-0,014	0,315
CHR6	22120879	CHR6:22120879	SSF x LoA	-11,1682163	0,078	0,304
CHR6	22127478	CHR6:22127478	SSF x LoA	-10,9507749	0,000	0,309
CHR6	22131271	CHR6:22131271	SSF x LoA	-9,8163106	0,136	0,291
CHR6	22131370	CHR6:22131370	SSF x LoA	-6,95982704	-0,133	0,291
CHR6	22131394	CHR6:22131394	SSF x LoA	-5,02740371	0,079	0,319
CHR6	22131399	CHR6:22131399	SSF x LoA	-7,38978754	0,014	0,314
CHR6	22131430	CHR6:22131430	SSF x LoA	-11,000686	0,022	0,311
CHR6	22131433	CHR6:22131433	SSF x LoA	-9,96248663	0,034	0,298
CHR6	22131464	CHR6:22131464	SSF x LoA	-8,34897878	0,054	0,316
CHR6	22132638	CHR6:22132638	SSF x LoA	-10,1789982	-0,012	0,307
CHR6	22132652	CHR6:22132652	SSF x LoA	-10,0563793	0,058	0,302
CHR6	22132678	CHR6:22132678	SSF x LoA	-9,50011564	0,059	0,300
CHR6	22132712	CHR6:22132712	SSF x LoA	-10,1799687	-0,003	0,306
CHR6	22132829	CHR6:22132829	SSF x LoA	-8,1119039	-0,078	0,305
CHR6	22132831	CHR6:22132831	SSF x LoA	-9,22691945	-0,113	0,304
CHR6	22132857	CHR6:22132857	SSF x LoA	-5,88437553	0,158	0,297
CHR6	22139549	CHR6:22139549	SSF x LoA	-6,52602806	-0,146	0,303
CHR6	22139598	CHR6:22139598	SSF x LoA	-11,4480205	0,116	0,298
CHR6	22143851	CHR6:22143851	SSF x LoA	-7,38552298	-0,071	0,295
CHR6	22150606	CHR6:22150606	SSF x LoA	-9,22959475	0,025	0,324
CHR6	22150642	CHR6:22150642	SSF x LoA	-10,0134318	0,005	0,308
CHR6	22150643	CHR6:22150643	SSF x LoA	-9,95913834	0,012	0,306
CHR6	22150647	CHR6:22150647	SSF x LoA	-10,3992183	-0,017	0,288
CHR6	22166628	CHR6:22166628	SSF x LoA	-10,7418629	-0,036	0,309
CHR6	22171791	CHR6:22171791	SSF x LoA	-7,16447873	-0,099	0,294
CHR6	22178101	CHR6:22178101	SSF x LoA	-10,3527946	-0,092	0,310

CHR6	22181198	CHR6:22181198	SSF x LoA	-10,0160678	-0,063	0,304
CHR6	22199518	CHR6:22199518	SSF x LoA	-10,4528618	0,038	0,300
CHR6	22199524	CHR6:22199524	SSF x LoA	-7,92571942	0,116	0,302
CHR6	22204633	CHR6:22204633	SSF x LoA	-8,93584574	-0,140	0,295
CHR6	22204857	CHR6:22204857	SSF x LoA	-3,3488525	-0,181	0,299
CHR6	22204869	CHR6:22204869	SSF x LoA	-11,0603365	0,031	0,315
CHR6	22211154	CHR6:22211154	SSF x LoA	-8,84403797	0,166	0,289
CHR6	22211196	CHR6:22211196	SSF x LoA	-9,54754109	0,006	0,301
CHR6	22211201	CHR6:22211201	SSF x LoA	-9,01250743	0,010	0,309
CHR6	22212265	CHR6:22212265	SSF x LoA	-8,16865904	-0,001	0,310
CHR6	22212922	CHR6:22212922	SSF x LoA	-8,69768696	-0,084	0,307
CHR6	22212965	CHR6:22212965	SSF x LoA	-6,78581328	-0,108	0,307
CHR6	22214791	CHR6:22214791	SSF x LoA	-7,79097414	-0,069	0,297
CHR6	22215836	CHR6:22215836	SSF x LoA	-10,1287643	0,007	0,309
CHR6	22215850	CHR6:22215850	SSF x LoA	-10,4962686	0,035	0,308
CHR6	22215880	CHR6:22215880	SSF x LoA	-9,45180624	0,084	0,308
CHR6	22216362	CHR6:22216362	SSF x LoA	-8,82510024	-0,124	0,307
CHR6	22217480	CHR6:22217480	SSF x LoA	-8,06619936	-0,111	0,295
CHR6	22217483	CHR6:22217483	SSF x LoA	0,72941287	0,288	0,274
CHR6	22217692	CHR6:22217692	SSF x LoA	-11,8466943	0,066	0,300
CHR6	2221777	CHR6:2221777	SSF x LoA	-9,4070219	-0,015	0,296
CHR6	22227240	CHR6:22227240	SSF x LoA	-10,1513445	0,059	0,308
CHR6	22227248	CHR6:22227248	SSF x LoA	-10,4866768	-0,021	0,304
CHR6	22227344	CHR6:22227344	SSF x LoA	-6,56306099	0,079	0,305
CHR6	22227348	CHR6:22227348	SSF x LoA	-6,68169559	-0,037	0,309
CHR6	22227384	CHR6:22227384	SSF x LoA	-7,85138524	-0,097	0,306
CHR6	22227415	CHR6:22227415	SSF x LoA	-9,25625656	0,068	0,309
CHR6	22239401	CHR6:22239401	SSF x LoA	-7,1323848	-0,074	0,309
CHR6	22239499	CHR6:22239499	SSF x LoA	-5,30111233	0,186	0,299
CHR6	22243986	CHR6:22243986	SSF x LoA	-11,7524096	0,005	0,300
CHR6	22244915	CHR6:22244915	SSF x LoA	-8,94627477	-0,097	0,296
CHR6	22247288	CHR6:22247288	SSF x LoA	-9,26563387	0,092	0,308
CHR6	22253545	CHR6:22253545	SSF x LoA	-10,8792145	0,076	0,308
CHR6	22255624	CHR6:22255624	SSF x LoA	-10,6264733	0,027	0,312
CHR6	22255653	CHR6:22255653	SSF x LoA	-9,29717708	-0,006	0,318
CHR6	22255662	CHR6:22255662	SSF x LoA	-10,6052382	0,007	0,303
CHR6	22255674	CHR6:22255674	SSF x LoA	-9,62381464	-0,018	0,310
CHR6	22255713	CHR6:22255713	SSF x LoA	-10,5884452	0,018	0,302
CHR6	22257826	CHR6:22257826	SSF x LoA	-10,0420026	0,074	0,308
CHR6	22260042	CHR6:22260042	SSF x LoA	-9,55694942	-0,022	0,316
CHR6	22269905	CHR6:22269905	SSF x LoA	-6,8791299	-0,122	0,309
CHR6	22294010	CHR6:22294010	SSF x LoA	-10,8242295	-0,031	0,304
CHR6	22294113	CHR6:22294113	SSF x LoA	-10,3951253	0,035	0,302
CHR6	22294121	CHR6:22294121	SSF x LoA	-10,9982396	0,020	0,304
CHR6	22294132	CHR6:22294132	SSF x LoA	-10,0754906	-0,032	0,329
CHR6	22295480	CHR6:22295480	SSF x LoA	-10,7213909	0,044	0,315
CHR6	22295557	CHR6:22295557	SSF x LoA	-6,76615077	-0,090	0,315
CHR6	22302962	CHR6:22302962	SSF x LoA	-5,97640704	-0,044	0,307
CHR6	22319920	CHR6:22319920	SSF x LoA	-8,97899672	-0,148	0,316
CHR6	22322434	CHR6:22322434	SSF x LoA	-9,47832319	0,082	0,301
CHR6	22330720	CHR6:22330720	SSF x LoA	-7,94336337	0,000	0,318
CHR6	22330775	CHR6:22330775	SSF x LoA	-7,54400901	0,150	0,282
CHR6	2233284	CHR6:2233284	SSF x LoA	-8,37205774	-0,155	0,297

CHR6	22333126	CHR6:22333126	SSF x LoA	-5,51173488	-0,123	0,291
CHR6	2233393	CHR6:2233393	SSF x LoA	-10,7281871	-0,084	0,300
CHR6	22334890	CHR6:22334890	SSF x LoA	-9,04310982	-0,032	0,300
CHR6	22334916	CHR6:22334916	SSF x LoA	-8,33518196	-0,080	0,308
CHR6	22336170	CHR6:22336170	SSF x LoA	-9,0692931	0,022	0,324
CHR6	22336207	CHR6:22336207	SSF x LoA	-10,9265716	0,009	0,312
CHR6	22337194	CHR6:22337194	SSF x LoA	-10,0617763	0,057	0,321
CHR6	22343161	CHR6:22343161	SSF x LoA	-10,0775538	-0,090	0,307
CHR6	22344396	CHR6:22344396	SSF x LoA	-6,87204449	-0,026	0,315
CHR6	22344476	CHR6:22344476	SSF x LoA	-11,1276358	0,011	0,314
CHR6	22344481	CHR6:22344481	SSF x LoA	-8,78523214	-0,106	0,295
CHR6	22344490	CHR6:22344490	SSF x LoA	-11,6147145	0,010	0,322
CHR6	22347653	CHR6:22347653	SSF x LoA	-8,92631573	0,034	0,310
CHR6	22347662	CHR6:22347662	SSF x LoA	-10,0648693	-0,017	0,298
CHR6	22347814	CHR6:22347814	SSF x LoA	-8,01429832	0,053	0,299
CHR6	22354534	CHR6:22354534	SSF x LoA	-8,91869975	-0,114	0,309
CHR6	22354540	CHR6:22354540	SSF x LoA	-11,2664467	-0,023	0,320
CHR6	22354638	CHR6:22354638	SSF x LoA	-6,74881005	0,213	0,314
CHR6	22357491	CHR6:22357491	SSF x LoA	-4,72558974	-0,125	0,324
CHR6	22357515	CHR6:22357515	SSF x LoA	-8,81093277	-0,072	0,303
CHR6	22357531	CHR6:22357531	SSF x LoA	-2,46377457	0,026	0,319
CHR6	22357616	CHR6:22357616	SSF x LoA	-9,5240481	0,091	0,315
CHR6	22358769	CHR6:22358769	SSF x LoA	-4,83356681	0,025	0,302
CHR6	22358773	CHR6:22358773	SSF x LoA	-8,33759767	-0,003	0,303
CHR6	22361711	CHR6:22361711	SSF x LoA	-9,92654354	0,087	0,295
CHR6	22361828	CHR6:22361828	SSF x LoA	-10,5031875	0,006	0,305
CHR6	22361837	CHR6:22361837	SSF x LoA	-7,97134811	-0,073	0,310
CHR6	22361847	CHR6:22361847	SSF x LoA	-10,1518385	0,028	0,326
CHR6	22366460	CHR6:22366460	SSF x LoA	-11,1003765	0,128	0,304
CHR6	2237282	CHR6:2237282	SSF x LoA	-10,4182655	0,041	0,303
CHR6	2237786	CHR6:2237786	SSF x LoA	-7,8495153	0,146	0,289
CHR6	2237803	CHR6:2237803	SSF x LoA	-11,0868116	-0,103	0,305
CHR6	2237839	CHR6:2237839	SSF x LoA	-7,68931864	-0,122	0,290
CHR6	22380565	CHR6:22380565	SSF x LoA	-11,5385979	0,020	0,300
CHR6	22380748	CHR6:22380748	SSF x LoA	-8,16247459	0,014	0,304
CHR6	22380785	CHR6:22380785	SSF x LoA	-8,42040096	0,069	0,318
CHR6	22385186	CHR6:22385186	SSF x LoA	-10,93283	0,023	0,312
CHR6	22396702	CHR6:22396702	SSF x LoA	-9,67067966	-0,047	0,305
CHR6	22396757	CHR6:22396757	SSF x LoA	-8,85599243	0,080	0,306
CHR6	22405778	CHR6:22405778	SSF x LoA	-9,04712908	0,063	0,311
CHR6	22405782	CHR6:22405782	SSF x LoA	-11,0761234	-0,085	0,304
CHR6	22405784	CHR6:22405784	SSF x LoA	-7,15787486	0,092	0,312
CHR6	22405925	CHR6:22405925	SSF x LoA	-9,67483151	-0,015	0,298
CHR6	22405939	CHR6:22405939	SSF x LoA	-8,22470386	-0,063	0,313
CHR6	22405982	CHR6:22405982	SSF x LoA	-10,0683181	-0,024	0,316
CHR6	22408800	CHR6:22408800	SSF x LoA	-11,6363268	0,080	0,299
CHR6	22408811	CHR6:22408811	SSF x LoA	-11,6061135	0,026	0,306
CHR6	22416971	CHR6:22416971	SSF x LoA	-2,36397203	0,168	0,286
CHR6	22417025	CHR6:22417025	SSF x LoA	-10,8103903	-0,034	0,307
CHR6	22419741	CHR6:22419741	SSF x LoA	-9,0229754	-0,134	0,307
CHR6	22419811	CHR6:22419811	SSF x LoA	-8,94519272	0,012	0,307
CHR6	22419838	CHR6:22419838	SSF x LoA	-8,4237232	-0,110	0,296
CHR6	22428065	CHR6:22428065	SSF x LoA	-8,38131824	0,097	0,286

CHR6	22428109	CHR6:22428109	SSF x LoA	-11,2779838	0,041	0,295
CHR6	22428110	CHR6:22428110	SSF x LoA	-8,71226593	-0,009	0,299
CHR6	22428118	CHR6:22428118	SSF x LoA	-9,57445602	-0,028	0,311
CHR6	22435554	CHR6:22435554	SSF x LoA	-10,4050864	-0,075	0,310
CHR6	22435635	CHR6:22435635	SSF x LoA	-10,0351363	-0,053	0,308
CHR6	22435692	CHR6:22435692	SSF x LoA	-5,64453101	-0,007	0,318
CHR6	22435761	CHR6:22435761	SSF x LoA	-8,24745455	-0,022	0,302
CHR6	22435768	CHR6:22435768	SSF x LoA	-7,32887469	0,152	0,312
CHR6	22435812	CHR6:22435812	SSF x LoA	-12,3584836	-0,019	0,296
CHR6	22435813	CHR6:22435813	SSF x LoA	-9,38139298	0,005	0,301
CHR6	22435816	CHR6:22435816	SSF x LoA	-5,72552944	0,007	0,323
CHR6	22435819	CHR6:22435819	SSF x LoA	-6,54038527	0,097	0,293
CHR6	22435871	CHR6:22435871	SSF x LoA	-7,11324768	0,121	0,313
CHR6	22442233	CHR6:22442233	SSF x LoA	-9,00385222	-0,020	0,302
CHR6	22442240	CHR6:22442240	SSF x LoA	-8,03294955	0,006	0,309
CHR6	22442248	CHR6:22442248	SSF x LoA	-6,36294121	0,016	0,301
CHR6	22442271	CHR6:22442271	SSF x LoA	-8,56995238	-0,014	0,301
CHR6	22445113	CHR6:22445113	SSF x LoA	-10,2577446	-0,041	0,302
CHR6	22445125	CHR6:22445125	SSF x LoA	-8,42228459	-0,053	0,304
CHR6	22445208	CHR6:22445208	SSF x LoA	-10,6410802	-0,002	0,316
CHR6	22445321	CHR6:22445321	SSF x LoA	-8,83207705	0,021	0,307
CHR6	22448579	CHR6:22448579	SSF x LoA	-9,14700824	-0,020	0,310
CHR6	22448587	CHR6:22448587	SSF x LoA	-8,14707344	-0,094	0,305
CHR6	22448704	CHR6:22448704	SSF x LoA	-11,2071605	-0,104	0,305
CHR6	22448710	CHR6:22448710	SSF x LoA	-9,2981882	0,105	0,311
CHR6	22460115	CHR6:22460115	SSF x LoA	-8,49425619	-0,072	0,309
CHR6	22460381	CHR6:22460381	SSF x LoA	-9,00132895	0,029	0,310
CHR6	22460397	CHR6:22460397	SSF x LoA	-8,14572041	0,122	0,298
CHR6	22460422	CHR6:22460422	SSF x LoA	-10,5046515	-0,014	0,306
CHR6	22460431	CHR6:22460431	SSF x LoA	-10,1902891	0,007	0,305
CHR6	22462592	CHR6:22462592	SSF x LoA	-10,2243234	-0,148	0,303
CHR6	22462595	CHR6:22462595	SSF x LoA	-8,05394759	0,037	0,305
CHR6	22465150	CHR6:22465150	SSF x LoA	-8,90285894	0,058	0,303
CHR6	22465171	CHR6:22465171	SSF x LoA	-9,41635284	-0,013	0,285
CHR6	22465174	CHR6:22465174	SSF x LoA	-10,07704	0,004	0,314
CHR6	22465183	CHR6:22465183	SSF x LoA	-8,00222805	-0,055	0,320
CHR6	22465367	CHR6:22465367	SSF x LoA	-5,77909728	-0,101	0,312
CHR6	22466811	CHR6:22466811	SSF x LoA	-8,42758309	0,014	0,304
CHR6	22466879	CHR6:22466879	SSF x LoA	-7,862079	-0,082	0,309
CHR6	22466921	CHR6:22466921	SSF x LoA	-10,7767659	-0,075	0,321
CHR6	22473446	CHR6:22473446	SSF x LoA	-5,9690815	0,069	0,304
CHR6	22473464	CHR6:22473464	SSF x LoA	-9,88610953	0,001	0,308
CHR6	22473880	CHR6:22473880	SSF x LoA	-9,6872524	0,050	0,316
CHR6	22492352	CHR6:22492352	SSF x LoA	-7,42568075	-0,070	0,318
CHR6	22495940	CHR6:22495940	SSF x LoA	-9,28351971	-0,077	0,311
CHR6	22495954	CHR6:22495954	SSF x LoA	-10,86014	0,013	0,303
CHR6	22498909	CHR6:22498909	SSF x LoA	-8,07568039	-0,136	0,300
CHR6	22501650	CHR6:22501650	SSF x LoA	-7,38468273	-0,064	0,316
CHR6	22501733	CHR6:22501733	SSF x LoA	-9,02475807	-0,014	0,312
CHR6	22501861	CHR6:22501861	SSF x LoA	-8,42133692	-0,050	0,316
CHR6	22501977	CHR6:22501977	SSF x LoA	-7,12136527	0,054	0,328
CHR6	22522799	CHR6:22522799	SSF x LoA	-9,3891783	-0,096	0,294
CHR6	22522892	CHR6:22522892	SSF x LoA	-8,73707807	-0,090	0,298

CHR6	22524394	CHR6:22524394	SSF x LoA	-11,7721968	-0,037	0,306
CHR6	22524488	CHR6:22524488	SSF x LoA	-11,2785679	0,081	0,295
CHR6	22540092	CHR6:22540092	SSF x LoA	-9,55684891	0,148	0,293
CHR6	22552113	CHR6:22552113	SSF x LoA	-10,8574519	0,011	0,311
CHR6	22552135	CHR6:22552135	SSF x LoA	-4,83035162	0,201	0,298
CHR6	22552137	CHR6:22552137	SSF x LoA	-11,4435496	-0,007	0,311
CHR6	22552156	CHR6:22552156	SSF x LoA	-9,17197994	-0,004	0,313
CHR6	22552168	CHR6:22552168	SSF x LoA	-10,2273515	-0,036	0,307
CHR6	22552282	CHR6:22552282	SSF x LoA	-10,3877645	-0,096	0,306
CHR6	22552284	CHR6:22552284	SSF x LoA	-9,73078039	0,054	0,298
CHR6	2256564	CHR6:2256564	SSF x LoA	-6,74356139	0,083	0,305
CHR6	2256815	CHR6:2256815	SSF x LoA	-11,2457312	-0,064	0,303
CHR6	22568451	CHR6:22568451	SSF x LoA	-5,74846635	0,192	0,295
CHR6	22584152	CHR6:22584152	SSF x LoA	-8,19982746	-0,120	0,302
CHR6	22584178	CHR6:22584178	SSF x LoA	-8,51166016	0,071	0,299
CHR6	22584220	CHR6:22584220	SSF x LoA	-9,4194712	0,068	0,282
CHR6	22584234	CHR6:22584234	SSF x LoA	-9,85618423	-0,005	0,303
CHR6	22584235	CHR6:22584235	SSF x LoA	-8,73660013	0,002	0,305
CHR6	22584237	CHR6:22584237	SSF x LoA	-8,8433461	-0,078	0,296
CHR6	22609391	CHR6:22609391	SSF x LoA	-2,56304356	0,235	0,292
CHR6	22609538	CHR6:22609538	SSF x LoA	-9,00894587	-0,016	0,304
CHR6	22612870	CHR6:22612870	SSF x LoA	-11,7827735	0,055	0,307
CHR6	22612902	CHR6:22612902	SSF x LoA	-3,59961169	0,027	0,314
CHR6	22614159	CHR6:22614159	SSF x LoA	-7,15191212	0,133	0,294
CHR6	22617180	CHR6:22617180	SSF x LoA	-10,1405376	0,093	0,304
CHR6	22617221	CHR6:22617221	SSF x LoA	-10,0939594	-0,063	0,308
CHR6	22620992	CHR6:22620992	SSF x LoA	-9,80089928	0,154	0,300
CHR6	22627991	CHR6:22627991	SSF x LoA	-9,37478778	-0,058	0,315
CHR6	22631013	CHR6:22631013	SSF x LoA	-9,54659152	0,010	0,297
CHR6	2263401	CHR6:2263401	SSF x LoA	-8,91205375	-0,077	0,306
CHR6	2263411	CHR6:2263411	SSF x LoA	-8,27675729	0,042	0,309
CHR6	2263416	CHR6:2263416	SSF x LoA	-9,34218181	0,161	0,308
CHR6	2263431	CHR6:2263431	SSF x LoA	-8,21271006	-0,095	0,297
CHR6	22649227	CHR6:22649227	SSF x LoA	-6,47771186	-0,202	0,296
CHR6	22649230	CHR6:22649230	SSF x LoA	-9,57962756	0,018	0,307
CHR6	2265792	CHR6:2265792	SSF x LoA	-9,62334817	0,031	0,307
CHR6	22661705	CHR6:22661705	SSF x LoA	-9,82469326	-0,002	0,307
CHR6	22668055	CHR6:22668055	SSF x LoA	-8,21409834	-0,101	0,310
CHR6	22668064	CHR6:22668064	SSF x LoA	-8,96656426	-0,064	0,308
CHR6	22668074	CHR6:22668074	SSF x LoA	-6,39244231	-0,087	0,318
CHR6	22675795	CHR6:22675795	SSF x LoA	-2,39821787	0,093	0,304
CHR6	22675796	CHR6:22675796	SSF x LoA	-5,8217034	0,100	0,300
CHR6	22675907	CHR6:22675907	SSF x LoA	-7,26095593	0,015	0,306
CHR6	22686118	CHR6:22686118	SSF x LoA	-8,59712179	0,096	0,300
CHR6	22686197	CHR6:22686197	SSF x LoA	-9,27764132	0,067	0,308
CHR6	22686277	CHR6:22686277	SSF x LoA	-9,62296808	-0,001	0,298
CHR6	22686328	CHR6:22686328	SSF x LoA	-9,1101754	0,058	0,306
CHR6	22686338	CHR6:22686338	SSF x LoA	-7,97180209	-0,009	0,312
CHR6	22686362	CHR6:22686362	SSF x LoA	-8,75558862	-0,001	0,291
CHR6	22686371	CHR6:22686371	SSF x LoA	-9,97271225	-0,176	0,302
CHR6	22686374	CHR6:22686374	SSF x LoA	-7,92063157	-0,180	0,299
CHR6	22694160	CHR6:22694160	SSF x LoA	-8,26839346	-0,064	0,301
CHR6	22694234	CHR6:22694234	SSF x LoA	-5,91352387	-0,160	0,319

CHR6	22707959	CHR6:22707959	SSF x LoA	-9,13931192	-0,121	0,302
CHR6	22707993	CHR6:22707993	SSF x LoA	-9,15091641	-0,017	0,302
CHR6	2271704	CHR6:2271704	SSF x LoA	-6,9058756	0,018	0,292
CHR6	2271856	CHR6:2271856	SSF x LoA	-4,80977391	0,049	0,297
CHR6	2272503	CHR6:2272503	SSF x LoA	-9,08667577	0,159	0,298
CHR6	22725920	CHR6:22725920	SSF x LoA	-7,94804538	0,038	0,296
CHR6	22729899	CHR6:22729899	SSF x LoA	-8,44518744	0,062	0,306
CHR6	22729905	CHR6:22729905	SSF x LoA	-9,56065799	0,081	0,306
CHR6	22729940	CHR6:22729940	SSF x LoA	-10,306437	0,050	0,314
CHR6	22729950	CHR6:22729950	SSF x LoA	-8,2606959	0,067	0,300
CHR6	22729998	CHR6:22729998	SSF x LoA	-11,3345497	0,055	0,315
CHR6	22749956	CHR6:22749956	SSF x LoA	-10,5564939	0,036	0,324
CHR6	22773824	CHR6:22773824	SSF x LoA	-9,49905294	0,088	0,313
CHR6	22778285	CHR6:22778285	SSF x LoA	-9,02532109	0,019	0,307
CHR6	22781295	CHR6:22781295	SSF x LoA	-9,64940205	0,134	0,286
CHR6	22781475	CHR6:22781475	SSF x LoA	-10,5442589	-0,011	0,312
CHR6	22781480	CHR6:22781480	SSF x LoA	-9,97689493	0,022	0,289
CHR6	22781482	CHR6:22781482	SSF x LoA	-9,01844586	-0,012	0,295
CHR6	22785546	CHR6:22785546	SSF x LoA	-7,22349283	0,210	0,304
CHR6	22785558	CHR6:22785558	SSF x LoA	-9,0238587	-0,069	0,306
CHR6	22794030	CHR6:22794030	SSF x LoA	-6,01409825	-0,128	0,291
CHR6	22794031	CHR6:22794031	SSF x LoA	-7,01186028	-0,127	0,295
CHR6	22794088	CHR6:22794088	SSF x LoA	-9,43485126	0,000	0,304
CHR6	22794177	CHR6:22794177	SSF x LoA	-9,25720634	0,012	0,307
CHR6	22794290	CHR6:22794290	SSF x LoA	-5,08977657	0,071	0,293
CHR6	22794349	CHR6:22794349	SSF x LoA	-9,82000814	-0,068	0,298
CHR6	22797907	CHR6:22797907	SSF x LoA	-10,1929574	-0,143	0,286
CHR6	22797978	CHR6:22797978	SSF x LoA	-8,52931225	-0,091	0,299
CHR6	22798001	CHR6:22798001	SSF x LoA	-10,0838582	-0,042	0,306
CHR6	22798051	CHR6:22798051	SSF x LoA	-9,9210584	0,124	0,298
CHR6	22798122	CHR6:22798122	SSF x LoA	-9,2787414	0,146	0,305
CHR6	22798141	CHR6:22798141	SSF x LoA	-8,26579283	0,126	0,297
CHR6	2280163	CHR6:2280163	SSF x LoA	-10,384437	-0,063	0,298
CHR6	2280179	CHR6:2280179	SSF x LoA	-11,4051869	0,090	0,311
CHR6	2280202	CHR6:2280202	SSF x LoA	-6,34912542	-0,186	0,306
CHR6	2280254	CHR6:2280254	SSF x LoA	5,87539877	-0,164	0,302
CHR6	2280273	CHR6:2280273	SSF x LoA	-5,02796508	-0,191	0,304
CHR6	2280298	CHR6:2280298	SSF x LoA	-7,12974393	0,046	0,307
CHR6	2280315	CHR6:2280315	SSF x LoA	-10,2280379	-0,036	0,296
CHR6	22815216	CHR6:22815216	SSF x LoA	-8,84990414	-0,067	0,314
CHR6	22815323	CHR6:22815323	SSF x LoA	-5,88204199	-0,096	0,315
CHR6	22822492	CHR6:22822492	SSF x LoA	-9,64295452	0,025	0,326
CHR6	22822495	CHR6:22822495	SSF x LoA	-7,5540131	0,020	0,328
CHR6	22826373	CHR6:22826373	SSF x LoA	-6,53279565	-0,190	0,305
CHR6	22828885	CHR6:22828885	SSF x LoA	-11,7036293	0,072	0,294
CHR6	22828913	CHR6:22828913	SSF x LoA	-11,6780313	0,051	0,306
CHR6	22830563	CHR6:22830563	SSF x LoA	-9,08052202	0,086	0,322
CHR6	22830580	CHR6:22830580	SSF x LoA	-7,83303599	0,043	0,315
CHR6	22830638	CHR6:22830638	SSF x LoA	-9,37366095	-0,058	0,299
CHR6	22830851	CHR6:22830851	SSF x LoA	-6,28773617	-0,103	0,293
CHR6	22833524	CHR6:22833524	SSF x LoA	-8,53714097	-0,071	0,297
CHR6	22833582	CHR6:22833582	SSF x LoA	-3,25132448	-0,124	0,304
CHR6	22833685	CHR6:22833685	SSF x LoA	-0,87566691	-0,110	0,307

CHR6	22833695	CHR6:22833695	SSF x LoA	-8,81062927	0,152	0,296
CHR6	22851154	CHR6:22851154	SSF x LoA	-10,5366155	-0,004	0,300
CHR6	22851206	CHR6:22851206	SSF x LoA	-9,36202989	-0,121	0,295
CHR6	22851274	CHR6:22851274	SSF x LoA	-9,34101975	-0,049	0,311
CHR6	22851294	CHR6:22851294	SSF x LoA	-9,31277817	0,031	0,308
CHR6	22851299	CHR6:22851299	SSF x LoA	-0,2383503	-0,150	0,299
CHR6	22864358	CHR6:22864358	SSF x LoA	-9,97777268	-0,067	0,314
CHR6	22870497	CHR6:22870497	SSF x LoA	-10,5306838	-0,014	0,306
CHR6	22870503	CHR6:22870503	SSF x LoA	-9,03202086	-0,005	0,303
CHR6	22870556	CHR6:22870556	SSF x LoA	-9,33905406	-0,103	0,290
CHR6	22870557	CHR6:22870557	SSF x LoA	-8,70197523	-0,142	0,299
CHR6	22870570	CHR6:22870570	SSF x LoA	-9,69233902	-0,113	0,302
CHR6	22870573	CHR6:22870573	SSF x LoA	-7,95323477	0,061	0,316
CHR6	22870577	CHR6:22870577	SSF x LoA	-6,43318249	-0,072	0,313
CHR6	22870578	CHR6:22870578	SSF x LoA	-7,73514251	0,088	0,316
CHR6	22870625	CHR6:22870625	SSF x LoA	-10,1848869	0,134	0,295
CHR6	22870718	CHR6:22870718	SSF x LoA	-8,30840638	0,017	0,312
CHR6	22872722	CHR6:22872722	SSF x LoA	-5,94461705	0,127	0,300
CHR6	22872838	CHR6:22872838	SSF x LoA	-7,56363233	0,160	0,299
CHR6	22872842	CHR6:22872842	SSF x LoA	-8,07562282	0,060	0,300
CHR6	22872877	CHR6:22872877	SSF x LoA	-9,70339179	-0,004	0,306
CHR6	22882245	CHR6:22882245	SSF x LoA	-9,85385073	0,020	0,313
CHR6	22882263	CHR6:22882263	SSF x LoA	-10,8069979	0,047	0,304
CHR6	22882506	CHR6:22882506	SSF x LoA	-10,7697111	0,007	0,317
CHR6	2288913	CHR6:2288913	SSF x LoA	-7,19056636	-0,104	0,313
CHR6	22910508	CHR6:22910508	SSF x LoA	-8,36972298	0,060	0,324
CHR6	22910599	CHR6:22910599	SSF x LoA	-10,0062232	0,088	0,295
CHR6	22917299	CHR6:22917299	SSF x LoA	-10,3324619	-0,028	0,312
CHR6	22926510	CHR6:22926510	SSF x LoA	-11,5647246	-0,044	0,316
CHR6	22926529	CHR6:22926529	SSF x LoA	-4,27879274	0,163	0,309
CHR6	22926735	CHR6:22926735	SSF x LoA	-9,26004825	-0,073	0,299
CHR6	22926831	CHR6:22926831	SSF x LoA	-10,1660737	0,073	0,322
CHR6	2292840	CHR6:2292840	SSF x LoA	-11,6088512	-0,102	0,300
CHR6	2292958	CHR6:2292958	SSF x LoA	-12,1668277	0,034	0,298
CHR6	2292959	CHR6:2292959	SSF x LoA	-10,2126766	0,028	0,308
CHR6	22936830	CHR6:22936830	SSF x LoA	-10,7397604	-0,021	0,296
CHR6	2294064	CHR6:2294064	SSF x LoA	-9,45078965	-0,001	0,303
CHR6	2294083	CHR6:2294083	SSF x LoA	-10,1969322	0,004	0,316
CHR6	2294084	CHR6:2294084	SSF x LoA	-9,83706072	0,031	0,309
CHR6	2294085	CHR6:2294085	SSF x LoA	-8,96545629	0,030	0,305
CHR6	2294126	CHR6:2294126	SSF x LoA	-9,57849489	-0,028	0,301
CHR6	22953712	CHR6:22953712	SSF x LoA	-9,95681915	0,011	0,305
CHR6	22953735	CHR6:22953735	SSF x LoA	-8,41192062	-0,073	0,319
CHR6	22955589	CHR6:22955589	SSF x LoA	-10,7464482	-0,041	0,317
CHR6	22955666	CHR6:22955666	SSF x LoA	-9,55721778	-0,030	0,316
CHR6	22955685	CHR6:22955685	SSF x LoA	-10,0163501	0,004	0,300
CHR6	22955814	CHR6:22955814	SSF x LoA	-10,4015964	0,101	0,302
CHR6	22957185	CHR6:22957185	SSF x LoA	-8,27434771	-0,155	0,300
CHR6	22957230	CHR6:22957230	SSF x LoA	-10,9775998	0,020	0,324
CHR6	22957449	CHR6:22957449	SSF x LoA	-10,0994079	0,020	0,309
CHR6	22957500	CHR6:22957500	SSF x LoA	-9,02137833	0,111	0,297
CHR6	22957521	CHR6:22957521	SSF x LoA	-10,5811764	0,136	0,289
CHR6	22958327	CHR6:22958327	SSF x LoA	-9,28470782	0,018	0,305

CHR6	22958375	CHR6:22958375	SSF x LoA	-9,52449843	0,131	0,299
CHR6	22984633	CHR6:22984633	SSF x LoA	-8,84548575	0,010	0,292
CHR6	22992745	CHR6:22992745	SSF x LoA	-6,64611871	0,077	0,311
CHR6	22992778	CHR6:22992778	SSF x LoA	-9,09115346	0,017	0,307
CHR6	22993011	CHR6:22993011	SSF x LoA	-9,30181282	0,063	0,302
CHR6	22998870	CHR6:22998870	SSF x LoA	-9,20323479	-0,009	0,309
CHR6	2299898	CHR6:2299898	SSF x LoA	-7,42067651	-0,096	0,313
CHR6	23003764	CHR6:23003764	SSF x LoA	-7,78677209	0,143	0,307
CHR6	23016933	CHR6:23016933	SSF x LoA	-10,5007963	0,084	0,304
CHR6	23016938	CHR6:23016938	SSF x LoA	-5,34571311	-0,208	0,295
CHR6	23017038	CHR6:23017038	SSF x LoA	-5,58529121	0,187	0,299
CHR6	23017194	CHR6:23017194	SSF x LoA	-8,73985874	-0,153	0,301
CHR6	23020961	CHR6:23020961	SSF x LoA	-11,5420943	-0,051	0,297
CHR6	23021009	CHR6:23021009	SSF x LoA	-10,2384889	-0,115	0,306
CHR6	23024656	CHR6:23024656	SSF x LoA	-8,95497916	-0,021	0,321
CHR6	23024740	CHR6:23024740	SSF x LoA	-6,80856873	0,009	0,317
CHR6	23027114	CHR6:23027114	SSF x LoA	-9,22555918	0,018	0,307
CHR6	23027154	CHR6:23027154	SSF x LoA	-7,96504271	0,003	0,296
CHR6	23027322	CHR6:23027322	SSF x LoA	-11,0083028	0,009	0,298
CHR6	23034409	CHR6:23034409	SSF x LoA	-10,760482	0,039	0,309
CHR6	23041989	CHR6:23041989	SSF x LoA	-10,6591938	0,048	0,311
CHR6	23051792	CHR6:23051792	SSF x LoA	-11,6712951	-0,011	0,296
CHR6	23051833	CHR6:23051833	SSF x LoA	-9,89357858	-0,132	0,310
CHR6	23051852	CHR6:23051852	SSF x LoA	-9,46753095	-0,058	0,290
CHR6	23052015	CHR6:23052015	SSF x LoA	-8,21882255	0,087	0,306
CHR6	23060283	CHR6:23060283	SSF x LoA	-11,0412606	-0,062	0,299
CHR6	23068549	CHR6:23068549	SSF x LoA	-11,227322	-0,076	0,307
CHR6	23068607	CHR6:23068607	SSF x LoA	-9,88640496	-0,113	0,303
CHR6	23068613	CHR6:23068613	SSF x LoA	-10,2350745	-0,024	0,303
CHR6	23068618	CHR6:23068618	SSF x LoA	-10,3057379	-0,072	0,318
CHR6	23068634	CHR6:23068634	SSF x LoA	-10,3673966	-0,072	0,309
CHR6	23068720	CHR6:23068720	SSF x LoA	-11,092577	-0,079	0,309
CHR6	23071357	CHR6:23071357	SSF x LoA	-11,8672953	-0,038	0,310
CHR6	23071435	CHR6:23071435	SSF x LoA	-10,0745182	-0,048	0,315
CHR6	23071453	CHR6:23071453	SSF x LoA	-9,36184067	-0,024	0,311
CHR6	23071488	CHR6:23071488	SSF x LoA	-9,5336542	-0,090	0,307
CHR6	23073859	CHR6:23073859	SSF x LoA	-11,540787	-0,061	0,306
CHR6	23088508	CHR6:23088508	SSF x LoA	-9,96334124	-0,015	0,303
CHR6	23088523	CHR6:23088523	SSF x LoA	-5,46041352	0,009	0,315
CHR6	23088768	CHR6:23088768	SSF x LoA	-9,41046075	0,087	0,300
CHR6	23088776	CHR6:23088776	SSF x LoA	-10,7417031	-0,070	0,311
CHR6	23091188	CHR6:23091188	SSF x LoA	-10,7028535	0,037	0,319
CHR6	2311890	CHR6:2311890	SSF x LoA	-7,73581751	0,017	0,312
CHR6	2311912	CHR6:2311912	SSF x LoA	-6,91750387	-0,130	0,320
CHR6	2311922	CHR6:2311922	SSF x LoA	-4,70431029	0,034	0,318
CHR6	2311926	CHR6:2311926	SSF x LoA	-8,51621809	-0,085	0,314
CHR6	2311943	CHR6:2311943	SSF x LoA	-8,61452321	0,181	0,309
CHR6	2311964	CHR6:2311964	SSF x LoA	-10,7814564	-0,007	0,311
CHR6	2312047	CHR6:2312047	SSF x LoA	-10,5361664	0,104	0,315
CHR6	23128201	CHR6:23128201	SSF x LoA	-9,6708213	-0,009	0,313
CHR6	23130883	CHR6:23130883	SSF x LoA	-12,0702942	-0,049	0,295
CHR6	23130903	CHR6:23130903	SSF x LoA	-10,2549747	0,033	0,291
CHR6	2314305	CHR6:2314305	SSF x LoA	-6,127656	-0,072	0,298

CHR6	2314307	CHR6:2314307	SSF x LoA	-6,59208758	-0,089	0,301
CHR6	2314348	CHR6:2314348	SSF x LoA	-10,2678901	0,042	0,292
CHR6	2314380	CHR6:2314380	SSF x LoA	-8,94408162	0,046	0,303
CHR6	23144412	CHR6:23144412	SSF x LoA	-12,0593604	0,064	0,300
CHR6	23144440	CHR6:23144440	SSF x LoA	-6,23338017	0,178	0,283
CHR6	2314456	CHR6:2314456	SSF x LoA	-9,31169538	-0,116	0,303
CHR6	23144575	CHR6:23144575	SSF x LoA	-8,97355983	-0,013	0,317
CHR6	2314471	CHR6:2314471	SSF x LoA	-2,54438329	0,123	0,318
CHR6	2314544	CHR6:2314544	SSF x LoA	-9,80044665	0,105	0,295
CHR6	23147291	CHR6:23147291	SSF x LoA	-2,36836866	0,014	0,311
CHR6	23156983	CHR6:23156983	SSF x LoA	-8,93779533	0,105	0,309
CHR6	23158679	CHR6:23158679	SSF x LoA	-10,7472403	0,014	0,307
CHR6	23158688	CHR6:23158688	SSF x LoA	-8,36983026	0,065	0,316
CHR6	23158733	CHR6:23158733	SSF x LoA	-10,740793	-0,103	0,302
CHR6	23158781	CHR6:23158781	SSF x LoA	-7,27672463	0,085	0,304
CHR6	23158837	CHR6:23158837	SSF x LoA	-0,25289274	-0,034	0,322
CHR6	23162539	CHR6:23162539	SSF x LoA	-8,41388042	-0,013	0,308
CHR6	23162603	CHR6:23162603	SSF x LoA	-10,2235164	-0,078	0,296
CHR6	23162673	CHR6:23162673	SSF x LoA	-6,57188362	0,002	0,314
CHR6	23166539	CHR6:23166539	SSF x LoA	-9,49689556	0,067	0,297
CHR6	23166545	CHR6:23166545	SSF x LoA	-8,11172288	-0,090	0,319
CHR6	23166564	CHR6:23166564	SSF x LoA	-7,78068101	0,117	0,314
CHR6	23174157	CHR6:23174157	SSF x LoA	-9,60663349	0,088	0,308
CHR6	23174158	CHR6:23174158	SSF x LoA	-9,55672722	-0,011	0,295
CHR6	23174177	CHR6:23174177	SSF x LoA	-10,8912818	0,011	0,305
CHR6	23174184	CHR6:23174184	SSF x LoA	-10,06363	0,077	0,297
CHR6	23188944	CHR6:23188944	SSF x LoA	-7,13779878	-0,104	0,303
CHR6	23188993	CHR6:23188993	SSF x LoA	-8,5790718	0,108	0,301
CHR6	23188996	CHR6:23188996	SSF x LoA	-8,64200517	0,037	0,316
CHR6	23189266	CHR6:23189266	SSF x LoA	-9,77831115	-0,052	0,316
CHR6	23191366	CHR6:23191366	SSF x LoA	-11,2606738	0,058	0,294
CHR6	23191439	CHR6:23191439	SSF x LoA	-8,26582866	0,184	0,289
CHR6	23216162	CHR6:23216162	SSF x LoA	-11,0330273	-0,022	0,306
CHR6	23216235	CHR6:23216235	SSF x LoA	-9,95857758	-0,106	0,303
CHR6	23216394	CHR6:23216394	SSF x LoA	-10,0977079	0,060	0,299
CHR6	23216403	CHR6:23216403	SSF x LoA	-11,0958521	0,076	0,299
CHR6	23216420	CHR6:23216420	SSF x LoA	-8,05749285	0,124	0,307
CHR6	23216428	CHR6:23216428	SSF x LoA	-9,17333089	-0,082	0,302
CHR6	23223642	CHR6:23223642	SSF x LoA	-9,46666906	-0,019	0,308
CHR6	23223741	CHR6:23223741	SSF x LoA	-8,97769439	0,029	0,303
CHR6	23245505	CHR6:23245505	SSF x LoA	-7,6240966	-0,041	0,306
CHR6	23245511	CHR6:23245511	SSF x LoA	-11,1778964	-0,071	0,313
CHR6	23245512	CHR6:23245512	SSF x LoA	-8,50404662	-0,011	0,306
CHR6	23248876	CHR6:23248876	SSF x LoA	-8,18684531	0,104	0,290
CHR6	23248889	CHR6:23248889	SSF x LoA	-8,37652003	-0,031	0,311
CHR6	23248932	CHR6:23248932	SSF x LoA	-9,08643307	-0,062	0,300
CHR6	23248948	CHR6:23248948	SSF x LoA	-5,40125514	0,134	0,306
CHR6	23248956	CHR6:23248956	SSF x LoA	-8,63974049	0,112	0,307
CHR6	23248990	CHR6:23248990	SSF x LoA	-10,7641338	0,002	0,309
CHR6	23254956	CHR6:23254956	SSF x LoA	-9,36710515	0,033	0,306
CHR6	23260307	CHR6:23260307	SSF x LoA	-10,2692017	0,112	0,319
CHR6	23270099	CHR6:23270099	SSF x LoA	-9,04653231	-0,026	0,319
CHR6	23270142	CHR6:23270142	SSF x LoA	-10,5870733	0,033	0,299

CHR6	23270188	CHR6:23270188	SSF x LoA	-12,07778	0,055	0,299
CHR6	2327678	CHR6:2327678	SSF x LoA	-9,69176296	0,105	0,305
CHR6	2327836	CHR6:2327836	SSF x LoA	-10,2057171	0,039	0,308
CHR6	2329555	CHR6:2329555	SSF x LoA	-9,30303257	-0,084	0,300
CHR6	2329626	CHR6:2329626	SSF x LoA	-10,1685187	-0,077	0,308
CHR6	23304813	CHR6:23304813	SSF x LoA	-5,88056258	0,122	0,315
CHR6	23321630	CHR6:23321630	SSF x LoA	-11,4679996	-0,039	0,297
CHR6	23321721	CHR6:23321721	SSF x LoA	-10,2617869	-0,071	0,312
CHR6	23345137	CHR6:23345137	SSF x LoA	-8,88020374	0,065	0,300
CHR6	23351301	CHR6:23351301	SSF x LoA	-12,0882199	0,001	0,314
CHR6	23354120	CHR6:23354120	SSF x LoA	-9,19073829	0,035	0,300
CHR6	23354123	CHR6:23354123	SSF x LoA	-8,68607895	-0,001	0,317
CHR6	23355498	CHR6:23355498	SSF x LoA	-7,92924064	-0,091	0,307
CHR6	23377243	CHR6:23377243	SSF x LoA	-9,52638048	0,021	0,301
CHR6	2338226	CHR6:2338226	SSF x LoA	-10,7897746	-0,158	0,295
CHR6	2338240	CHR6:2338240	SSF x LoA	-10,4592964	0,062	0,300
CHR6	2338253	CHR6:2338253	SSF x LoA	-8,57946117	0,009	0,305
CHR6	2338339	CHR6:2338339	SSF x LoA	-8,85566476	0,044	0,306
CHR6	23389228	CHR6:23389228	SSF x LoA	-10,8061958	0,119	0,302
CHR6	2340707	CHR6:2340707	SSF x LoA	-6,10105415	-0,110	0,314
CHR6	2340797	CHR6:2340797	SSF x LoA	-10,4551264	0,079	0,312
CHR6	2340804	CHR6:2340804	SSF x LoA	-8,61168509	-0,054	0,303
CHR6	2340822	CHR6:2340822	SSF x LoA	-8,29336252	0,012	0,289
CHR6	2341458	CHR6:2341458	SSF x LoA	-9,6132292	0,020	0,308
CHR6	2341481	CHR6:2341481	SSF x LoA	-8,94918908	-0,021	0,292
CHR6	2343236	CHR6:2343236	SSF x LoA	-10,4836323	0,022	0,303
CHR6	23452810	CHR6:23452810	SSF x LoA	-6,62508242	-0,123	0,306
CHR6	23461514	CHR6:23461514	SSF x LoA	-9,08007406	0,112	0,304
CHR6	23461525	CHR6:23461525	SSF x LoA	-12,5979079	0,017	0,301
CHR6	23461591	CHR6:23461591	SSF x LoA	-10,0216842	0,086	0,307
CHR6	23462356	CHR6:23462356	SSF x LoA	-5,18445517	0,123	0,302
CHR6	23462428	CHR6:23462428	SSF x LoA	-7,1153532	-0,160	0,309
CHR6	23465742	CHR6:23465742	SSF x LoA	-7,98322561	-0,024	0,321
CHR6	23465808	CHR6:23465808	SSF x LoA	-9,1168392	-0,024	0,308
CHR6	23465822	CHR6:23465822	SSF x LoA	-10,8548646	0,069	0,307
CHR6	23465864	CHR6:23465864	SSF x LoA	-9,46168625	-0,019	0,314
CHR6	23465905	CHR6:23465905	SSF x LoA	-7,04380323	-0,066	0,317
CHR6	23465932	CHR6:23465932	SSF x LoA	-5,5666283	0,141	0,292
CHR6	23469292	CHR6:23469292	SSF x LoA	-8,28595272	0,091	0,315
CHR6	23469513	CHR6:23469513	SSF x LoA	-7,51292524	-0,125	0,305
CHR6	23472029	CHR6:23472029	SSF x LoA	-8,77172274	-0,006	0,318
CHR6	23472095	CHR6:23472095	SSF x LoA	-9,14263931	-0,004	0,294
CHR6	23472137	CHR6:23472137	SSF x LoA	-11,5214831	-0,002	0,311
CHR6	23474960	CHR6:23474960	SSF x LoA	-5,62031987	-0,001	0,308
CHR6	23474989	CHR6:23474989	SSF x LoA	-11,0467697	0,096	0,299
CHR6	234769	CHR6:234769	SSF x LoA	-6,84368198	-0,110	0,303
CHR6	23478201	CHR6:23478201	SSF x LoA	-8,20772614	0,106	0,310
CHR6	234808	CHR6:234808	SSF x LoA	-7,82030083	-0,143	0,308
CHR6	234852	CHR6:234852	SSF x LoA	-4,07986443	-0,162	0,298
CHR6	234889	CHR6:234889	SSF x LoA	-9,46028523	0,084	0,296
CHR6	23499133	CHR6:23499133	SSF x LoA	-9,63050687	-0,049	0,292
CHR6	23503092	CHR6:23503092	SSF x LoA	-8,45197027	0,225	0,280
CHR6	23504416	CHR6:23504416	SSF x LoA	-8,30966091	0,090	0,304

CHR6	23504434	CHR6:23504434	SSF x LoA	-9,28893824	0,064	0,307
CHR6	23504447	CHR6:23504447	SSF x LoA	-10,3903985	0,135	0,315
CHR6	23504472	CHR6:23504472	SSF x LoA	-9,28830794	-0,133	0,302
CHR6	23504480	CHR6:23504480	SSF x LoA	-8,36615066	-0,129	0,310
CHR6	23504485	CHR6:23504485	SSF x LoA	-6,52135714	0,208	0,288
CHR6	23504495	CHR6:23504495	SSF x LoA	-5,47741306	-0,158	0,299
CHR6	23504616	CHR6:23504616	SSF x LoA	-11,1666672	-0,080	0,315
CHR6	23519546	CHR6:23519546	SSF x LoA	-11,8616796	0,029	0,305
CHR6	23519577	CHR6:23519577	SSF x LoA	-8,14723068	0,111	0,290
CHR6	23519579	CHR6:23519579	SSF x LoA	-8,61393607	0,025	0,300
CHR6	23519639	CHR6:23519639	SSF x LoA	-7,49368655	0,023	0,303
CHR6	23531249	CHR6:23531249	SSF x LoA	-11,1680446	-0,102	0,288
CHR6	23531291	CHR6:23531291	SSF x LoA	-6,15396525	-0,060	0,306
CHR6	23531330	CHR6:23531330	SSF x LoA	-10,1987852	-0,037	0,316
CHR6	23531533	CHR6:23531533	SSF x LoA	-7,16575398	0,079	0,307
CHR6	23540679	CHR6:23540679	SSF x LoA	-7,89191488	0,060	0,312
CHR6	23540720	CHR6:23540720	SSF x LoA	-10,1267839	0,002	0,311
CHR6	23540759	CHR6:23540759	SSF x LoA	-10,7398533	-0,028	0,296
CHR6	23540872	CHR6:23540872	SSF x LoA	-6,46829313	-0,093	0,311
CHR6	2355224	CHR6:2355224	SSF x LoA	-9,52139985	-0,125	0,300
CHR6	2355263	CHR6:2355263	SSF x LoA	-7,57037902	-0,053	0,303
CHR6	23559171	CHR6:23559171	SSF x LoA	-9,94908095	-0,106	0,306
CHR6	23559196	CHR6:23559196	SSF x LoA	-8,45190656	-0,125	0,304
CHR6	23559241	CHR6:23559241	SSF x LoA	-10,0203964	-0,139	0,302
CHR6	23559325	CHR6:23559325	SSF x LoA	-7,32066265	-0,100	0,309
CHR6	23562931	CHR6:23562931	SSF x LoA	-8,56094844	-0,026	0,307
CHR6	23563058	CHR6:23563058	SSF x LoA	-9,01643972	-0,117	0,293
CHR6	23566628	CHR6:23566628	SSF x LoA	-1,95295776	0,030	0,311
CHR6	23570504	CHR6:23570504	SSF x LoA	-9,87786375	0,092	0,288
CHR6	23570533	CHR6:23570533	SSF x LoA	-8,17146275	0,103	0,314
CHR6	23570537	CHR6:23570537	SSF x LoA	-7,59152049	0,096	0,303
CHR6	23570586	CHR6:23570586	SSF x LoA	-9,72553269	0,106	0,296
CHR6	23570615	CHR6:23570615	SSF x LoA	-8,25788715	0,006	0,301
CHR6	23573678	CHR6:23573678	SSF x LoA	-5,72455806	-0,108	0,291
CHR6	23573742	CHR6:23573742	SSF x LoA	-10,5522227	0,034	0,303
CHR6	23574663	CHR6:23574663	SSF x LoA	-10,4900672	0,076	0,302
CHR6	23577357	CHR6:23577357	SSF x LoA	-11,5570346	-0,017	0,306
CHR6	23585906	CHR6:23585906	SSF x LoA	-11,9625069	0,037	0,306
CHR6	23592643	CHR6:23592643	SSF x LoA	-9,24173942	-0,014	0,312
CHR6	23598379	CHR6:23598379	SSF x LoA	-9,25539589	-0,009	0,312
CHR6	23605322	CHR6:23605322	SSF x LoA	-9,60010815	-0,069	0,310
CHR6	2361987	CHR6:2361987	SSF x LoA	-9,72619495	-0,143	0,296
CHR6	23622755	CHR6:23622755	SSF x LoA	-10,5338205	-0,014	0,303
CHR6	23622785	CHR6:23622785	SSF x LoA	-8,64129836	0,106	0,292
CHR6	23622818	CHR6:23622818	SSF x LoA	-11,4040537	0,031	0,292
CHR6	23622821	CHR6:23622821	SSF x LoA	-8,35079311	-0,018	0,316
CHR6	23633506	CHR6:23633506	SSF x LoA	-10,70709	0,025	0,299
CHR6	23639242	CHR6:23639242	SSF x LoA	-8,32521126	-0,055	0,312
CHR6	23639263	CHR6:23639263	SSF x LoA	-9,97878271	0,027	0,297
CHR6	23639280	CHR6:23639280	SSF x LoA	-8,17502876	-0,029	0,302
CHR6	23639281	CHR6:23639281	SSF x LoA	-10,733587	0,045	0,293
CHR6	23639310	CHR6:23639310	SSF x LoA	-7,8738559	0,042	0,302
CHR6	23639323	CHR6:23639323	SSF x LoA	-10,1513984	0,014	0,297

CHR6	23649389	CHR6:23649389	SSF x LoA	-7,64082249	0,158	0,300
CHR6	23649475	CHR6:23649475	SSF x LoA	-2,47220948	0,027	0,299
CHR6	23649535	CHR6:23649535	SSF x LoA	-8,62429573	0,031	0,307
CHR6	23651689	CHR6:23651689	SSF x LoA	-8,99345019	-0,093	0,302
CHR6	23653301	CHR6:23653301	SSF x LoA	-7,51360944	-0,173	0,300
CHR6	23656275	CHR6:23656275	SSF x LoA	-10,6915086	-0,090	0,296
CHR6	23657798	CHR6:23657798	SSF x LoA	-3,2374925	-0,151	0,300
CHR6	23657821	CHR6:23657821	SSF x LoA	-7,75470658	0,131	0,303
CHR6	23657881	CHR6:23657881	SSF x LoA	-8,83214425	0,013	0,312
CHR6	23657894	CHR6:23657894	SSF x LoA	-8,39816556	-0,028	0,321
CHR6	23660477	CHR6:23660477	SSF x LoA	-8,88864506	0,003	0,297
CHR6	23660901	CHR6:23660901	SSF x LoA	-8,70114001	-0,146	0,304
CHR6	23660935	CHR6:23660935	SSF x LoA	-8,43906394	-0,082	0,305
CHR6	23663591	CHR6:23663591	SSF x LoA	-10,0804702	-0,019	0,310
CHR6	23663790	CHR6:23663790	SSF x LoA	-7,80279296	-0,067	0,315
CHR6	23669138	CHR6:23669138	SSF x LoA	-8,41247912	0,056	0,314
CHR6	23670134	CHR6:23670134	SSF x LoA	-6,98661317	0,000	0,320
CHR6	23673259	CHR6:23673259	SSF x LoA	-6,22326635	-0,005	0,318
CHR6	23673383	CHR6:23673383	SSF x LoA	-9,73345441	0,023	0,313
CHR6	23673404	CHR6:23673404	SSF x LoA	-8,6503832	-0,091	0,287
CHR6	23673412	CHR6:23673412	SSF x LoA	-8,56748022	0,074	0,302
CHR6	23673427	CHR6:23673427	SSF x LoA	-9,6035058	0,033	0,296
CHR6	23673477	CHR6:23673477	SSF x LoA	-9,09080072	0,016	0,306
CHR6	23682429	CHR6:23682429	SSF x LoA	-9,41777382	-0,025	0,295
CHR6	23682435	CHR6:23682435	SSF x LoA	-10,9316053	0,008	0,318
CHR6	23683828	CHR6:23683828	SSF x LoA	-7,33984015	0,063	0,292
CHR6	23683886	CHR6:23683886	SSF x LoA	-10,2120639	-0,113	0,306
CHR6	23684009	CHR6:23684009	SSF x LoA	-8,30831627	-0,039	0,306
CHR6	23710191	CHR6:23710191	SSF x LoA	-9,00586564	0,039	0,318
CHR6	23710236	CHR6:23710236	SSF x LoA	-9,67993783	0,026	0,309
CHR6	23710258	CHR6:23710258	SSF x LoA	-9,70649578	-0,074	0,313
CHR6	23718088	CHR6:23718088	SSF x LoA	-7,99245578	-0,107	0,312
CHR6	23726249	CHR6:23726249	SSF x LoA	-9,03983912	-0,137	0,297
CHR6	23730475	CHR6:23730475	SSF x LoA	-9,14265424	-0,053	0,314
CHR6	23730549	CHR6:23730549	SSF x LoA	-10,0613729	-0,025	0,315
CHR6	23786659	CHR6:23786659	SSF x LoA	-3,14983821	-0,226	0,291
CHR6	2379576	CHR6:2379576	SSF x LoA	-8,74176429	0,030	0,301
CHR6	2379581	CHR6:2379581	SSF x LoA	-8,23341626	-0,072	0,309
CHR6	2379621	CHR6:2379621	SSF x LoA	-11,4338491	0,026	0,299
CHR6	2379648	CHR6:2379648	SSF x LoA	-10,2386007	0,128	0,302
CHR6	2379659	CHR6:2379659	SSF x LoA	-11,19085	0,048	0,317
CHR6	2379688	CHR6:2379688	SSF x LoA	-9,86708587	-0,037	0,314
CHR6	2379698	CHR6:2379698	SSF x LoA	-10,6354589	0,010	0,295
CHR6	23802524	CHR6:23802524	SSF x LoA	-8,06668523	-0,132	0,297
CHR6	23802541	CHR6:23802541	SSF x LoA	-5,93649223	-0,157	0,309
CHR6	23805744	CHR6:23805744	SSF x LoA	-10,3233662	-0,136	0,320
CHR6	23805792	CHR6:23805792	SSF x LoA	-9,97593622	-0,126	0,311
CHR6	23817827	CHR6:23817827	SSF x LoA	-7,79855741	0,073	0,318
CHR6	23819183	CHR6:23819183	SSF x LoA	-7,16706914	0,109	0,310
CHR6	23819359	CHR6:23819359	SSF x LoA	-8,65863341	-0,072	0,309
CHR6	2381992	CHR6:2381992	SSF x LoA	-10,5941048	-0,133	0,307
CHR6	2383169	CHR6:2383169	SSF x LoA	-9,69663192	-0,012	0,312
CHR6	2383218	CHR6:2383218	SSF x LoA	-9,81363496	-0,099	0,301

CHR6	23834036	CHR6:23834036	SSF x LoA	-8,63637135	-0,044	0,311
CHR6	2385057	CHR6:2385057	SSF x LoA	-11,1177452	-0,011	0,298
CHR6	2385271	CHR6:2385271	SSF x LoA	-8,80308279	0,034	0,288
CHR6	23875098	CHR6:23875098	SSF x LoA	-10,1193478	0,080	0,302
CHR6	23880632	CHR6:23880632	SSF x LoA	-11,0546974	-0,028	0,309
CHR6	23880671	CHR6:23880671	SSF x LoA	-11,7353511	0,021	0,315
CHR6	23885054	CHR6:23885054	SSF x LoA	-4,46384269	0,127	0,298
CHR6	23885238	CHR6:23885238	SSF x LoA	-10,9625379	-0,045	0,305
CHR6	2390111	CHR6:2390111	SSF x LoA	-9,3772437	-0,050	0,307
CHR6	2390215	CHR6:2390215	SSF x LoA	-8,45893438	-0,038	0,314
CHR6	23912381	CHR6:23912381	SSF x LoA	-9,78231262	0,000	0,303
CHR6	23912388	CHR6:23912388	SSF x LoA	-9,1142086	0,055	0,284
CHR6	23912403	CHR6:23912403	SSF x LoA	-6,86912187	0,078	0,303
CHR6	23912557	CHR6:23912557	SSF x LoA	-9,46643725	-0,040	0,308
CHR6	23912573	CHR6:23912573	SSF x LoA	-9,31575872	-0,067	0,314
CHR6	23912597	CHR6:23912597	SSF x LoA	-8,501271	-0,056	0,312
CHR6	23912608	CHR6:23912608	SSF x LoA	-6,67265076	0,114	0,297
CHR6	23922275	CHR6:23922275	SSF x LoA	-10,9596109	-0,073	0,308
CHR6	23922330	CHR6:23922330	SSF x LoA	-5,55377806	-0,153	0,298
CHR6	23922338	CHR6:23922338	SSF x LoA	-8,30508622	-0,085	0,300
CHR6	23924604	CHR6:23924604	SSF x LoA	-9,05306274	-0,098	0,303
CHR6	23929112	CHR6:23929112	SSF x LoA	-10,690555	0,025	0,306
CHR6	23929206	CHR6:23929206	SSF x LoA	-10,7807641	0,011	0,311
CHR6	23929214	CHR6:23929214	SSF x LoA	-11,2794365	-0,008	0,315
CHR6	23929232	CHR6:23929232	SSF x LoA	-9,17535064	0,000	0,305
CHR6	23929337	CHR6:23929337	SSF x LoA	-8,38248261	0,062	0,294
CHR6	23930741	CHR6:23930741	SSF x LoA	-9,10909699	0,146	0,297
CHR6	23930835	CHR6:23930835	SSF x LoA	-4,52979444	0,121	0,300
CHR6	23930935	CHR6:23930935	SSF x LoA	-10,6462982	-0,008	0,313
CHR6	23931028	CHR6:23931028	SSF x LoA	-9,26455956	-0,081	0,298
CHR6	23934632	CHR6:23934632	SSF x LoA	-8,99771448	0,026	0,316
CHR6	23951631	CHR6:23951631	SSF x LoA	-11,2272978	-0,085	0,302
CHR6	23951702	CHR6:23951702	SSF x LoA	-9,46464673	0,000	0,297
CHR6	2395231	CHR6:2395231	SSF x LoA	-9,28530019	-0,161	0,305
CHR6	23968064	CHR6:23968064	SSF x LoA	-9,21725972	0,012	0,290
CHR6	23968163	CHR6:23968163	SSF x LoA	-9,85844373	0,089	0,294
CHR6	23980581	CHR6:23980581	SSF x LoA	-10,1798683	-0,003	0,301
CHR6	24017433	CHR6:24017433	SSF x LoA	-10,0757886	-0,121	0,304
CHR6	24017447	CHR6:24017447	SSF x LoA	-9,12040619	0,039	0,313
CHR6	24026362	CHR6:24026362	SSF x LoA	-9,2734181	0,117	0,304
CHR6	24026399	CHR6:24026399	SSF x LoA	-9,866533	0,005	0,323
CHR6	24028256	CHR6:24028256	SSF x LoA	-8,09095465	0,009	0,314
CHR6	24028263	CHR6:24028263	SSF x LoA	-8,76175298	-0,027	0,316
CHR6	24028279	CHR6:24028279	SSF x LoA	-8,05900706	0,030	0,317
CHR6	24030885	CHR6:24030885	SSF x LoA	-10,4094682	0,024	0,310
CHR6	24030922	CHR6:24030922	SSF x LoA	-9,7485623	-0,017	0,315
CHR6	24030934	CHR6:24030934	SSF x LoA	-8,83733834	-0,057	0,313
CHR6	24042288	CHR6:24042288	SSF x LoA	-10,2006531	-0,026	0,313
CHR6	24042388	CHR6:24042388	SSF x LoA	-9,23152881	-0,137	0,296
CHR6	24042546	CHR6:24042546	SSF x LoA	-9,68236018	0,070	0,319
CHR6	24065431	CHR6:24065431	SSF x LoA	-7,79159441	0,076	0,312
CHR6	24065472	CHR6:24065472	SSF x LoA	-9,48381588	0,015	0,318
CHR6	24065474	CHR6:24065474	SSF x LoA	-7,96452832	0,047	0,315

CHR6	240786	CHR6:240786	SSF x LoA	-6,06740443	0,185	0,281
CHR6	2408334	CHR6:2408334	SSF x LoA	-8,14683854	-0,034	0,313
CHR6	2408450	CHR6:2408450	SSF x LoA	-11,4783161	-0,002	0,311
CHR6	24086179	CHR6:24086179	SSF x LoA	-8,82228358	-0,052	0,290
CHR6	24086187	CHR6:24086187	SSF x LoA	-9,61729854	0,065	0,301
CHR6	24086473	CHR6:24086473	SSF x LoA	-10,2786557	-0,010	0,299
CHR6	24086502	CHR6:24086502	SSF x LoA	-4,92015272	0,008	0,302
CHR6	24086553	CHR6:24086553	SSF x LoA	-9,19122097	-0,083	0,317
CHR6	24086579	CHR6:24086579	SSF x LoA	-7,05981272	-0,190	0,299
CHR6	24093891	CHR6:24093891	SSF x LoA	-8,619823	0,141	0,304
CHR6	24095007	CHR6:24095007	SSF x LoA	-10,053676	-0,090	0,307
CHR6	24095025	CHR6:24095025	SSF x LoA	-8,59029155	-0,064	0,304
CHR6	24095031	CHR6:24095031	SSF x LoA	-5,99310534	-0,138	0,316
CHR6	24095101	CHR6:24095101	SSF x LoA	-6,83356705	0,110	0,312
CHR6	24097389	CHR6:24097389	SSF x LoA	-8,75145619	0,139	0,306
CHR6	24097430	CHR6:24097430	SSF x LoA	-9,80588681	-0,074	0,308
CHR6	2409976	CHR6:2409976	SSF x LoA	-8,23387533	-0,036	0,306
CHR6	2410023	CHR6:2410023	SSF x LoA	-8,51489937	0,055	0,301
CHR6	2410048	CHR6:2410048	SSF x LoA	-8,97227173	0,065	0,314
CHR6	2410128	CHR6:2410128	SSF x LoA	-8,60838371	0,055	0,304
CHR6	24105161	CHR6:24105161	SSF x LoA	-8,25834128	0,057	0,297
CHR6	24105229	CHR6:24105229	SSF x LoA	-7,29244536	0,118	0,299
CHR6	24105236	CHR6:24105236	SSF x LoA	-10,5672473	0,166	0,288
CHR6	24105302	CHR6:24105302	SSF x LoA	-8,25881214	0,121	0,288
CHR6	24112960	CHR6:24112960	SSF x LoA	-12,1214402	-0,049	0,311
CHR6	24121753	CHR6:24121753	SSF x LoA	-9,38159925	0,092	0,295
CHR6	24121803	CHR6:24121803	SSF x LoA	-9,38288298	0,081	0,298
CHR6	24121918	CHR6:24121918	SSF x LoA	-7,62592407	-0,121	0,301
CHR6	24133545	CHR6:24133545	SSF x LoA	-9,44135573	-0,054	0,317
CHR6	24133594	CHR6:24133594	SSF x LoA	-7,32470759	-0,096	0,316
CHR6	24133633	CHR6:24133633	SSF x LoA	-8,68691625	-0,019	0,310
CHR6	24133637	CHR6:24133637	SSF x LoA	-8,47544687	0,097	0,305
CHR6	24133648	CHR6:24133648	SSF x LoA	-10,7526867	-0,019	0,303
CHR6	24133652	CHR6:24133652	SSF x LoA	-5,73267171	0,075	0,315
CHR6	24133746	CHR6:24133746	SSF x LoA	-9,02299631	-0,026	0,312
CHR6	24135337	CHR6:24135337	SSF x LoA	-7,08827679	-0,099	0,299
CHR6	24135524	CHR6:24135524	SSF x LoA	-8,62729603	0,035	0,310
CHR6	24157153	CHR6:24157153	SSF x LoA	-5,58693606	-0,189	0,303
CHR6	24157206	CHR6:24157206	SSF x LoA	-8,89069365	0,030	0,305
CHR6	24157307	CHR6:24157307	SSF x LoA	-8,88215324	-0,059	0,306
CHR6	24157313	CHR6:24157313	SSF x LoA	-9,34113611	-0,077	0,282
CHR6	24157353	CHR6:24157353	SSF x LoA	-8,78072823	-0,006	0,303
CHR6	24157360	CHR6:24157360	SSF x LoA	-10,9735102	-0,113	0,299
CHR6	24157382	CHR6:24157382	SSF x LoA	-9,13336879	-0,060	0,298
CHR6	2415969	CHR6:2415969	SSF x LoA	-9,34029312	-0,015	0,305
CHR6	24164774	CHR6:24164774	SSF x LoA	-8,32366468	0,026	0,303
CHR6	24164779	CHR6:24164779	SSF x LoA	-9,88269788	-0,006	0,313
CHR6	24164802	CHR6:24164802	SSF x LoA	-8,70736268	-0,024	0,310
CHR6	24164809	CHR6:24164809	SSF x LoA	-8,64886066	-0,030	0,307
CHR6	24164817	CHR6:24164817	SSF x LoA	-10,7440568	0,007	0,305
CHR6	24164882	CHR6:24164882	SSF x LoA	-10,2142085	0,068	0,327
CHR6	24164897	CHR6:24164897	SSF x LoA	-7,70832007	-0,047	0,304
CHR6	24164916	CHR6:24164916	SSF x LoA	-10,9183107	0,014	0,291

CHR6	24164957	CHR6:24164957	SSF x LoA	-7,31949082	-0,050	0,312
CHR6	24164967	CHR6:24164967	SSF x LoA	-10,206657	-0,081	0,311
CHR6	24164987	CHR6:24164987	SSF x LoA	-11,8406799	0,006	0,306
CHR6	24164988	CHR6:24164988	SSF x LoA	-11,4468903	0,021	0,312
CHR6	24164997	CHR6:24164997	SSF x LoA	-11,549224	0,022	0,307
CHR6	24164999	CHR6:24164999	SSF x LoA	-10,7237536	0,059	0,310
CHR6	24165001	CHR6:24165001	SSF x LoA	-4,48158442	0,094	0,304
CHR6	24165006	CHR6:24165006	SSF x LoA	-10,529745	0,059	0,297
CHR6	24168647	CHR6:24168647	SSF x LoA	-9,44068655	-0,013	0,306
CHR6	24168674	CHR6:24168674	SSF x LoA	-9,92912262	-0,004	0,315
CHR6	24171890	CHR6:24171890	SSF x LoA	-6,44642622	0,112	0,306
CHR6	24171935	CHR6:24171935	SSF x LoA	-7,48721521	0,129	0,292
CHR6	24172001	CHR6:24172001	SSF x LoA	-9,18395776	0,119	0,312
CHR6	24172017	CHR6:24172017	SSF x LoA	-9,19145555	-0,153	0,300
CHR6	24172026	CHR6:24172026	SSF x LoA	-6,45246848	-0,190	0,290
CHR6	24174492	CHR6:24174492	SSF x LoA	-7,07450307	0,179	0,280
CHR6	24174529	CHR6:24174529	SSF x LoA	-9,99461659	0,172	0,296
CHR6	24174551	CHR6:24174551	SSF x LoA	-4,85052485	0,163	0,306
CHR6	24174553	CHR6:24174553	SSF x LoA	-2,59427226	0,179	0,321
CHR6	24175754	CHR6:24175754	SSF x LoA	-9,599442	0,037	0,324
CHR6	24175755	CHR6:24175755	SSF x LoA	-6,89895522	-0,108	0,315
CHR6	24175812	CHR6:24175812	SSF x LoA	-8,46280013	0,069	0,294
CHR6	24175838	CHR6:24175838	SSF x LoA	-9,11592099	-0,064	0,309
CHR6	24175937	CHR6:24175937	SSF x LoA	-8,21154199	-0,151	0,300
CHR6	24176018	CHR6:24176018	SSF x LoA	-6,74435778	0,132	0,305
CHR6	24176020	CHR6:24176020	SSF x LoA	-7,90117386	0,173	0,299
CHR6	2418031	CHR6:2418031	SSF x LoA	-9,3324133	-0,001	0,295
CHR6	2418044	CHR6:2418044	SSF x LoA	-9,62983859	0,029	0,318
CHR6	2418088	CHR6:2418088	SSF x LoA	-4,82078441	-0,167	0,300
CHR6	2418103	CHR6:2418103	SSF x LoA	-11,2125393	-0,009	0,321
CHR6	2418211	CHR6:2418211	SSF x LoA	-10,8386563	-0,072	0,302
CHR6	24192775	CHR6:24192775	SSF x LoA	-11,0704619	0,030	0,312
CHR6	24192825	CHR6:24192825	SSF x LoA	-9,11218048	0,075	0,304
CHR6	24192860	CHR6:24192860	SSF x LoA	-11,0471281	0,039	0,306
CHR6	24198611	CHR6:24198611	SSF x LoA	-11,7150297	-0,061	0,297
CHR6	24198699	CHR6:24198699	SSF x LoA	-11,8469118	0,074	0,302
CHR6	24203582	CHR6:24203582	SSF x LoA	-6,09709787	0,051	0,313
CHR6	24203670	CHR6:24203670	SSF x LoA	-10,0573279	-0,028	0,299
CHR6	24203713	CHR6:24203713	SSF x LoA	-9,44811277	0,033	0,317
CHR6	24203743	CHR6:24203743	SSF x LoA	-11,1315804	-0,117	0,296
CHR6	24203783	CHR6:24203783	SSF x LoA	-11,1482447	-0,063	0,306
CHR6	24203814	CHR6:24203814	SSF x LoA	-11,3290494	-0,060	0,306
CHR6	2420854	CHR6:2420854	SSF x LoA	-11,8263307	0,012	0,300
CHR6	24219160	CHR6:24219160	SSF x LoA	-7,24306759	-0,139	0,291
CHR6	24219161	CHR6:24219161	SSF x LoA	-10,6118625	-0,130	0,307
CHR6	24220620	CHR6:24220620	SSF x LoA	-10,4840986	-0,032	0,305
CHR6	24228568	CHR6:24228568	SSF x LoA	-11,7571025	-0,029	0,302
CHR6	24228685	CHR6:24228685	SSF x LoA	-10,2155666	-0,047	0,306
CHR6	24228686	CHR6:24228686	SSF x LoA	-9,85132246	-0,029	0,307
CHR6	24228697	CHR6:24228697	SSF x LoA	-6,64951957	-0,002	0,310
CHR6	24228700	CHR6:24228700	SSF x LoA	-8,33552198	0,076	0,299
CHR6	24234791	CHR6:24234791	SSF x LoA	-10,599732	-0,009	0,307
CHR6	24234807	CHR6:24234807	SSF x LoA	-9,29280077	-0,031	0,307

CHR6	24234873	CHR6:24234873	SSF x LoA	-11,6559001	0,031	0,309
CHR6	24238814	CHR6:24238814	SSF x LoA	-10,2278589	-0,105	0,291
CHR6	24240560	CHR6:24240560	SSF x LoA	-9,30343634	0,043	0,310
CHR6	24240570	CHR6:24240570	SSF x LoA	-5,32297213	0,021	0,302
CHR6	2424117	CHR6:2424117	SSF x LoA	-11,0429685	-0,045	0,311
CHR6	2424233	CHR6:2424233	SSF x LoA	-7,45065401	-0,007	0,306
CHR6	24259964	CHR6:24259964	SSF x LoA	-7,72533059	-0,027	0,314
CHR6	24260041	CHR6:24260041	SSF x LoA	-10,6986159	0,106	0,301
CHR6	24260044	CHR6:24260044	SSF x LoA	-10,2038865	0,122	0,298
CHR6	24260057	CHR6:24260057	SSF x LoA	-11,074071	0,144	0,306
CHR6	24260147	CHR6:24260147	SSF x LoA	-11,576423	-0,024	0,308
CHR6	24260176	CHR6:24260176	SSF x LoA	-9,03136077	0,020	0,302
CHR6	24260254	CHR6:24260254	SSF x LoA	-8,15429876	-0,056	0,307
CHR6	24266428	CHR6:24266428	SSF x LoA	-7,7277971	0,153	0,296
CHR6	24266507	CHR6:24266507	SSF x LoA	-10,6681599	-0,028	0,297
CHR6	24266622	CHR6:24266622	SSF x LoA	-10,1666947	-0,061	0,296
CHR6	24266626	CHR6:24266626	SSF x LoA	-10,4392845	0,050	0,313
CHR6	24266652	CHR6:24266652	SSF x LoA	-7,90414964	0,084	0,305
CHR6	24266660	CHR6:24266660	SSF x LoA	-8,29960124	0,080	0,325
CHR6	24266677	CHR6:24266677	SSF x LoA	-8,52781064	-0,074	0,312
CHR6	24266680	CHR6:24266680	SSF x LoA	-9,06254501	0,045	0,298
CHR6	2427738	CHR6:2427738	SSF x LoA	-9,19146751	-0,043	0,300
CHR6	2427767	CHR6:2427767	SSF x LoA	-9,98290909	-0,143	0,293
CHR6	2427777	CHR6:2427777	SSF x LoA	-10,755838	-0,146	0,292
CHR6	2427907	CHR6:2427907	SSF x LoA	-9,72740203	-0,110	0,305
CHR6	24284953	CHR6:24284953	SSF x LoA	-10,199128	-0,043	0,299
CHR6	24285009	CHR6:24285009	SSF x LoA	-8,49845189	-0,080	0,293
CHR6	24285069	CHR6:24285069	SSF x LoA	-12,2112702	-0,055	0,300
CHR6	24285071	CHR6:24285071	SSF x LoA	-11,7698443	-0,049	0,306
CHR6	24285099	CHR6:24285099	SSF x LoA	-8,50744039	-0,026	0,300
CHR6	24293151	CHR6:24293151	SSF x LoA	-6,85415496	0,161	0,299
CHR6	24295355	CHR6:24295355	SSF x LoA	-6,14408914	-0,164	0,295
CHR6	24297440	CHR6:24297440	SSF x LoA	-9,96540603	-0,097	0,297
CHR6	2430447	CHR6:2430447	SSF x LoA	-5,41032916	-0,064	0,308
CHR6	2430465	CHR6:2430465	SSF x LoA	-9,21714225	-0,067	0,304
CHR6	2430466	CHR6:2430466	SSF x LoA	-10,8360553	-0,056	0,308
CHR6	2430523	CHR6:2430523	SSF x LoA	-6,85348452	-0,004	0,322
CHR6	2430549	CHR6:2430549	SSF x LoA	-10,7703897	-0,061	0,307
CHR6	24316580	CHR6:24316580	SSF x LoA	-8,64291386	-0,080	0,315
CHR6	2432256	CHR6:2432256	SSF x LoA	-11,7929467	-0,053	0,308
CHR6	2432257	CHR6:2432257	SSF x LoA	-11,1112682	-0,041	0,312
CHR6	2432261	CHR6:2432261	SSF x LoA	-10,4153873	-0,033	0,292
CHR6	24324724	CHR6:24324724	SSF x LoA	-7,00400748	-0,011	0,318
CHR6	24324819	CHR6:24324819	SSF x LoA	-8,28810381	0,172	0,306
CHR6	24324830	CHR6:24324830	SSF x LoA	-9,52277698	0,185	0,293
CHR6	2434154	CHR6:2434154	SSF x LoA	-6,20594175	-0,180	0,308
CHR6	2434172	CHR6:2434172	SSF x LoA	-8,55989756	0,053	0,308
CHR6	2434266	CHR6:2434266	SSF x LoA	-9,21281163	0,074	0,293
CHR6	2434286	CHR6:2434286	SSF x LoA	-6,99899931	-0,136	0,303
CHR6	2434311	CHR6:2434311	SSF x LoA	-8,90914704	0,010	0,308
CHR6	24352026	CHR6:24352026	SSF x LoA	-11,3634931	-0,019	0,294
CHR6	24352042	CHR6:24352042	SSF x LoA	-8,19098322	-0,059	0,309
CHR6	24352083	CHR6:24352083	SSF x LoA	-8,01139361	0,027	0,317

CHR6	24352087	CHR6:24352087	SSF x LoA	-12,1939718	-0,085	0,301
CHR6	24352142	CHR6:24352142	SSF x LoA	-10,0825656	-0,045	0,301
CHR6	24356299	CHR6:24356299	SSF x LoA	-10,7096247	-0,033	0,313
CHR6	24356344	CHR6:24356344	SSF x LoA	-10,3557207	-0,048	0,290
CHR6	24356368	CHR6:24356368	SSF x LoA	-9,0703073	-0,085	0,312
CHR6	24360300	CHR6:24360300	SSF x LoA	-8,33532457	0,177	0,312
CHR6	24364307	CHR6:24364307	SSF x LoA	-10,3386094	0,061	0,310
CHR6	24364346	CHR6:24364346	SSF x LoA	-9,30290801	0,049	0,302
CHR6	24367724	CHR6:24367724	SSF x LoA	-5,75021535	0,065	0,296
CHR6	24367737	CHR6:24367737	SSF x LoA	-3,87169682	0,174	0,303
CHR6	24367787	CHR6:24367787	SSF x LoA	-10,1777327	-0,007	0,309
CHR6	24367839	CHR6:24367839	SSF x LoA	-7,34460123	-0,092	0,303
CHR6	24367933	CHR6:24367933	SSF x LoA	-11,1154355	-0,006	0,317
CHR6	24370462	CHR6:24370462	SSF x LoA	-7,66116008	0,092	0,309
CHR6	24370498	CHR6:24370498	SSF x LoA	-8,9251029	0,122	0,308
CHR6	24370500	CHR6:24370500	SSF x LoA	-8,01594698	0,119	0,294
CHR6	24370984	CHR6:24370984	SSF x LoA	-10,1743489	0,015	0,320
CHR6	24376895	CHR6:24376895	SSF x LoA	-8,52531485	-0,094	0,313
CHR6	24376932	CHR6:24376932	SSF x LoA	-8,16971095	0,130	0,306
CHR6	24376934	CHR6:24376934	SSF x LoA	-7,5922728	-0,044	0,300
CHR6	24376948	CHR6:24376948	SSF x LoA	-8,80535082	-0,010	0,309
CHR6	24376949	CHR6:24376949	SSF x LoA	-8,53154407	-0,005	0,312
CHR6	24376963	CHR6:24376963	SSF x LoA	-9,2832826	-0,052	0,308
CHR6	24376984	CHR6:24376984	SSF x LoA	-2,2505232	-0,094	0,300
CHR6	24377040	CHR6:24377040	SSF x LoA	-8,75156951	0,090	0,299
CHR6	24382410	CHR6:24382410	SSF x LoA	-10,612527	0,022	0,308
CHR6	24382431	CHR6:24382431	SSF x LoA	-8,63332973	0,045	0,291
CHR6	24382445	CHR6:24382445	SSF x LoA	-9,14489111	-0,030	0,311
CHR6	24382481	CHR6:24382481	SSF x LoA	-8,76201351	0,065	0,309
CHR6	24382797	CHR6:24382797	SSF x LoA	-11,1451393	-0,002	0,309
CHR6	24386863	CHR6:24386863	SSF x LoA	-9,11259577	0,098	0,316
CHR6	24386934	CHR6:24386934	SSF x LoA	-5,89741528	0,083	0,314
CHR6	24386962	CHR6:24386962	SSF x LoA	-10,6941361	-0,014	0,304
CHR6	2439159	CHR6:2439159	SSF x LoA	-8,18050164	0,005	0,313
CHR6	24394600	CHR6:24394600	SSF x LoA	-9,566651	-0,069	0,303
CHR6	24394637	CHR6:24394637	SSF x LoA	-10,6534579	-0,007	0,294
CHR6	24394873	CHR6:24394873	SSF x LoA	-8,74895766	0,102	0,309
CHR6	24394886	CHR6:24394886	SSF x LoA	-9,4786645	-0,090	0,320
CHR6	24394908	CHR6:24394908	SSF x LoA	-9,52048861	-0,004	0,321
CHR6	24405675	CHR6:24405675	SSF x LoA	-8,40924765	-0,041	0,304
CHR6	24405737	CHR6:24405737	SSF x LoA	-8,05825204	0,031	0,310
CHR6	24415277	CHR6:24415277	SSF x LoA	-9,49021935	0,003	0,302
CHR6	24425172	CHR6:24425172	SSF x LoA	-9,72769043	-0,007	0,311
CHR6	24425211	CHR6:24425211	SSF x LoA	-10,0958271	-0,008	0,310
CHR6	24425385	CHR6:24425385	SSF x LoA	-10,8299268	0,006	0,315
CHR6	24425415	CHR6:24425415	SSF x LoA	-6,47966035	0,050	0,307
CHR6	24425421	CHR6:24425421	SSF x LoA	-9,97312305	0,044	0,312
CHR6	24425428	CHR6:24425428	SSF x LoA	-9,95347096	0,035	0,311
CHR6	24425437	CHR6:24425437	SSF x LoA	-9,8414275	0,081	0,314
CHR6	24425439	CHR6:24425439	SSF x LoA	-10,4514065	0,042	0,318
CHR6	24425441	CHR6:24425441	SSF x LoA	-10,2705128	0,059	0,308
CHR6	24425492	CHR6:24425492	SSF x LoA	-10,2450385	0,047	0,309
CHR6	24438794	CHR6:24438794	SSF x LoA	-9,38479183	0,017	0,301

CHR6	24438800	CHR6:24438800	SSF x LoA	-7,99740906	-0,006	0,312
CHR6	24438811	CHR6:24438811	SSF x LoA	-9,21748407	0,165	0,308
CHR6	24438815	CHR6:24438815	SSF x LoA	-7,19186419	0,065	0,312
CHR6	24438826	CHR6:24438826	SSF x LoA	4,30256122	-0,241	0,274
CHR6	24438830	CHR6:24438830	SSF x LoA	-8,20699862	0,131	0,298
CHR6	24438879	CHR6:24438879	SSF x LoA	-6,14216626	0,127	0,299
CHR6	24438916	CHR6:24438916	SSF x LoA	-11,2968939	-0,058	0,310
CHR6	24439634	CHR6:24439634	SSF x LoA	-8,50867159	0,002	0,319
CHR6	24440532	CHR6:24440532	SSF x LoA	-10,5759208	0,090	0,297
CHR6	24440572	CHR6:24440572	SSF x LoA	-10,888198	0,034	0,308
CHR6	24458536	CHR6:24458536	SSF x LoA	-8,33321041	-0,096	0,310
CHR6	24458538	CHR6:24458538	SSF x LoA	-10,932317	-0,002	0,305
CHR6	24458572	CHR6:24458572	SSF x LoA	-9,09655606	0,030	0,315
CHR6	24460408	CHR6:24460408	SSF x LoA	2,67398465	0,035	0,308
CHR6	24461674	CHR6:24461674	SSF x LoA	-10,5094368	0,007	0,310
CHR6	24461778	CHR6:24461778	SSF x LoA	-9,1553705	-0,034	0,297
CHR6	24461779	CHR6:24461779	SSF x LoA	-11,6870039	0,059	0,304
CHR6	24461787	CHR6:24461787	SSF x LoA	-10,3853632	0,029	0,310
CHR6	24461814	CHR6:24461814	SSF x LoA	-7,71292992	0,059	0,280
CHR6	24466416	CHR6:24466416	SSF x LoA	-7,8140382	0,146	0,306
CHR6	24467298	CHR6:24467298	SSF x LoA	-10,0611126	0,015	0,301
CHR6	24467323	CHR6:24467323	SSF x LoA	-10,7513528	0,046	0,299
CHR6	24467345	CHR6:24467345	SSF x LoA	-9,74172422	0,013	0,282
CHR6	24467412	CHR6:24467412	SSF x LoA	-10,4714838	-0,033	0,313
CHR6	24478774	CHR6:24478774	SSF x LoA	-7,74518451	-0,074	0,292
CHR6	24478817	CHR6:24478817	SSF x LoA	-8,78802751	-0,024	0,308
CHR6	24478845	CHR6:24478845	SSF x LoA	-8,41168591	0,051	0,313
CHR6	24478912	CHR6:24478912	SSF x LoA	-10,6539283	-0,020	0,308
CHR6	24479086	CHR6:24479086	SSF x LoA	-11,8470402	-0,022	0,316
CHR6	24487907	CHR6:24487907	SSF x LoA	-12,052511	0,033	0,304
CHR6	24499258	CHR6:24499258	SSF x LoA	-6,01881759	-0,013	0,315
CHR6	24506970	CHR6:24506970	SSF x LoA	-8,55657711	0,052	0,315
CHR6	24507018	CHR6:24507018	SSF x LoA	-8,56436729	-0,109	0,312
CHR6	24507823	CHR6:24507823	SSF x LoA	-8,50231848	-0,001	0,310
CHR6	24507826	CHR6:24507826	SSF x LoA	-7,2559819	0,100	0,311
CHR6	24510343	CHR6:24510343	SSF x LoA	-8,58907857	0,082	0,298
CHR6	24510409	CHR6:24510409	SSF x LoA	-8,94717622	-0,048	0,316
CHR6	24510414	CHR6:24510414	SSF x LoA	-6,61329503	0,053	0,307
CHR6	24510441	CHR6:24510441	SSF x LoA	-8,06726207	0,033	0,321
CHR6	24510448	CHR6:24510448	SSF x LoA	-11,3700516	-0,013	0,288
CHR6	24510514	CHR6:24510514	SSF x LoA	-7,50118543	0,194	0,300
CHR6	24518662	CHR6:24518662	SSF x LoA	-9,22883203	-0,146	0,303
CHR6	24518815	CHR6:24518815	SSF x LoA	-8,75638709	0,072	0,304
CHR6	24518851	CHR6:24518851	SSF x LoA	-7,62348058	0,152	0,309
CHR6	24518926	CHR6:24518926	SSF x LoA	-9,98220805	0,026	0,312
CHR6	24523267	CHR6:24523267	SSF x LoA	-8,40475165	0,047	0,306
CHR6	2452778	CHR6:2452778	SSF x LoA	-10,0943269	-0,037	0,304
CHR6	24528267	CHR6:24528267	SSF x LoA	-6,46424174	0,114	0,309
CHR6	24528327	CHR6:24528327	SSF x LoA	-8,17771232	-0,118	0,308
CHR6	2452850	CHR6:2452850	SSF x LoA	-8,76193185	-0,047	0,304
CHR6	2452863	CHR6:2452863	SSF x LoA	-4,36069952	0,160	0,303
CHR6	2452934	CHR6:2452934	SSF x LoA	-11,477139	-0,054	0,313
CHR6	24531844	CHR6:24531844	SSF x LoA	-8,69439971	-0,010	0,319

CHR6	24531875	CHR6:24531875	SSF x LoA	-7,44017614	-0,013	0,301
CHR6	24535965	CHR6:24535965	SSF x LoA	-3,85843997	0,254	0,281
CHR6	24535973	CHR6:24535973	SSF x LoA	-9,69427303	-0,006	0,299
CHR6	24536088	CHR6:24536088	SSF x LoA	-7,33639953	-0,075	0,317
CHR6	24536121	CHR6:24536121	SSF x LoA	-7,58187182	-0,152	0,303
CHR6	24536123	CHR6:24536123	SSF x LoA	-8,97056952	-0,029	0,323
CHR6	24536144	CHR6:24536144	SSF x LoA	-9,30407377	-0,041	0,311
CHR6	24536198	CHR6:24536198	SSF x LoA	-7,84408143	-0,049	0,313
CHR6	24539796	CHR6:24539796	SSF x LoA	-8,88093406	0,069	0,317
CHR6	24539822	CHR6:24539822	SSF x LoA	-9,30829859	0,144	0,294
CHR6	24547331	CHR6:24547331	SSF x LoA	-10,2459351	-0,035	0,297
CHR6	24549997	CHR6:24549997	SSF x LoA	-10,1982113	-0,026	0,303
CHR6	24549999	CHR6:24549999	SSF x LoA	-8,62028911	-0,008	0,318
CHR6	24550003	CHR6:24550003	SSF x LoA	-8,27508968	0,111	0,322
CHR6	24550021	CHR6:24550021	SSF x LoA	-9,9177766	-0,043	0,315
CHR6	24550032	CHR6:24550032	SSF x LoA	-7,92010301	-0,006	0,310
CHR6	24550070	CHR6:24550070	SSF x LoA	-5,73326739	-0,102	0,316
CHR6	24550074	CHR6:24550074	SSF x LoA	-7,84322376	-0,136	0,313
CHR6	24560120	CHR6:24560120	SSF x LoA	-10,7512954	-0,098	0,297
CHR6	24562656	CHR6:24562656	SSF x LoA	-9,46238237	-0,103	0,308
CHR6	24562690	CHR6:24562690	SSF x LoA	-5,07534353	-0,169	0,308
CHR6	24563404	CHR6:24563404	SSF x LoA	-10,6438191	-0,021	0,321
CHR6	24563492	CHR6:24563492	SSF x LoA	-9,4601388	-0,058	0,304
CHR6	24563495	CHR6:24563495	SSF x LoA	-10,4998403	-0,090	0,324
CHR6	24564817	CHR6:24564817	SSF x LoA	-10,1370565	0,020	0,292
CHR6	24564822	CHR6:24564822	SSF x LoA	-6,11405704	-0,138	0,317
CHR6	24564828	CHR6:24564828	SSF x LoA	-5,51026431	-0,135	0,305
CHR6	24564887	CHR6:24564887	SSF x LoA	-8,45130546	-0,016	0,304
CHR6	24565060	CHR6:24565060	SSF x LoA	-11,0355304	-0,025	0,318
CHR6	24566902	CHR6:24566902	SSF x LoA	-8,61372764	0,020	0,316
CHR6	24566907	CHR6:24566907	SSF x LoA	-9,44627313	0,042	0,302
CHR6	24566919	CHR6:24566919	SSF x LoA	-6,63790378	0,100	0,297
CHR6	24574933	CHR6:24574933	SSF x LoA	-8,94362375	-0,025	0,299
CHR6	24574936	CHR6:24574936	SSF x LoA	-9,97226017	-0,065	0,305
CHR6	24574969	CHR6:24574969	SSF x LoA	-8,84211631	-0,090	0,317
CHR6	24575000	CHR6:24575000	SSF x LoA	-9,52124806	-0,069	0,303
CHR6	24575020	CHR6:24575020	SSF x LoA	-7,84993152	-0,070	0,318
CHR6	24575031	CHR6:24575031	SSF x LoA	-8,81293603	0,004	0,316
CHR6	24575043	CHR6:24575043	SSF x LoA	-9,26619251	0,010	0,313
CHR6	24576243	CHR6:24576243	SSF x LoA	-11,1589284	0,001	0,308
CHR6	24580132	CHR6:24580132	SSF x LoA	-11,5566351	-0,013	0,302
CHR6	24580286	CHR6:24580286	SSF x LoA	-11,146289	0,045	0,311
CHR6	24589662	CHR6:24589662	SSF x LoA	-6,79963959	-0,048	0,310
CHR6	24598763	CHR6:24598763	SSF x LoA	-10,3890449	0,013	0,300
CHR6	24598781	CHR6:24598781	SSF x LoA	-9,75731773	0,008	0,310
CHR6	24598793	CHR6:24598793	SSF x LoA	-7,83046017	0,030	0,312
CHR6	24598826	CHR6:24598826	SSF x LoA	-9,95216389	-0,130	0,299
CHR6	24598862	CHR6:24598862	SSF x LoA	-9,42009862	-0,034	0,302
CHR6	24598885	CHR6:24598885	SSF x LoA	-8,28336132	0,095	0,304
CHR6	24598965	CHR6:24598965	SSF x LoA	-8,40633051	0,143	0,297
CHR6	2459923	CHR6:2459923	SSF x LoA	-7,82280603	-0,021	0,320
CHR6	2459983	CHR6:2459983	SSF x LoA	-7,90523374	0,030	0,315
CHR6	24600251	CHR6:24600251	SSF x LoA	-8,61249303	0,052	0,310

CHR6	24600274	CHR6:24600274	SSF x LoA	-8,3046209	-0,017	0,311
CHR6	24600304	CHR6:24600304	SSF x LoA	-9,02360402	0,056	0,313
CHR6	24600305	CHR6:24600305	SSF x LoA	-9,79387541	-0,019	0,319
CHR6	24600306	CHR6:24600306	SSF x LoA	-11,7022318	0,000	0,308
CHR6	24600308	CHR6:24600308	SSF x LoA	-4,28974062	0,082	0,322
CHR6	24600332	CHR6:24600332	SSF x LoA	-10,2069898	0,082	0,310
CHR6	24600935	CHR6:24600935	SSF x LoA	-9,82115936	-0,075	0,308
CHR6	24601126	CHR6:24601126	SSF x LoA	-11,0123724	-0,064	0,314
CHR6	24601152	CHR6:24601152	SSF x LoA	-7,87793332	0,038	0,308
CHR6	24601186	CHR6:24601186	SSF x LoA	-4,16524531	-0,042	0,312
CHR6	24601189	CHR6:24601189	SSF x LoA	-9,69542825	-0,059	0,297
CHR6	2461009	CHR6:2461009	SSF x LoA	-10,5140907	-0,052	0,308
CHR6	2461072	CHR6:2461072	SSF x LoA	-8,61591064	0,036	0,309
CHR6	24610805	CHR6:24610805	SSF x LoA	-9,03667546	0,043	0,300
CHR6	24610834	CHR6:24610834	SSF x LoA	-7,44963567	-0,033	0,305
CHR6	24620920	CHR6:24620920	SSF x LoA	-10,9181548	0,002	0,311
CHR6	24620956	CHR6:24620956	SSF x LoA	-9,92780812	0,063	0,314
CHR6	24620963	CHR6:24620963	SSF x LoA	-11,4261049	0,088	0,313
CHR6	24621018	CHR6:24621018	SSF x LoA	-8,44857449	-0,101	0,307
CHR6	24621057	CHR6:24621057	SSF x LoA	-7,90740336	-0,139	0,304
CHR6	24621071	CHR6:24621071	SSF x LoA	-8,72802253	-0,074	0,311
CHR6	24643247	CHR6:24643247	SSF x LoA	-7,42055513	0,134	0,303
CHR6	24643264	CHR6:24643264	SSF x LoA	-6,31982839	0,151	0,295
CHR6	24643272	CHR6:24643272	SSF x LoA	-9,57790584	0,016	0,315
CHR6	24643289	CHR6:24643289	SSF x LoA	-7,73097808	0,118	0,298
CHR6	24643321	CHR6:24643321	SSF x LoA	-7,36557438	0,140	0,298
CHR6	24643324	CHR6:24643324	SSF x LoA	-8,79382271	0,117	0,302
CHR6	24652287	CHR6:24652287	SSF x LoA	-9,91048451	0,000	0,309
CHR6	24652406	CHR6:24652406	SSF x LoA	-8,13269214	-0,054	0,313
CHR6	24652554	CHR6:24652554	SSF x LoA	-9,14456399	0,136	0,282
CHR6	24652594	CHR6:24652594	SSF x LoA	-10,3860234	-0,043	0,291
CHR6	24653418	CHR6:24653418	SSF x LoA	-10,2711864	-0,008	0,317
CHR6	24653838	CHR6:24653838	SSF x LoA	-9,41344599	0,064	0,304
CHR6	24658963	CHR6:24658963	SSF x LoA	-8,90130561	-0,021	0,311
CHR6	24658968	CHR6:24658968	SSF x LoA	-10,6956081	-0,034	0,311
CHR6	24659034	CHR6:24659034	SSF x LoA	-8,94649454	0,036	0,303
CHR6	24659061	CHR6:24659061	SSF x LoA	-8,18611795	-0,015	0,327
CHR6	24659121	CHR6:24659121	SSF x LoA	-9,5395791	0,019	0,307
CHR6	24661208	CHR6:24661208	SSF x LoA	-8,66053978	0,001	0,313
CHR6	24661213	CHR6:24661213	SSF x LoA	-8,78177161	-0,034	0,310
CHR6	24661340	CHR6:24661340	SSF x LoA	-6,79576761	0,150	0,295
CHR6	24661352	CHR6:24661352	SSF x LoA	-8,07384957	0,132	0,303
CHR6	24661442	CHR6:24661442	SSF x LoA	-8,91981177	-0,021	0,311
CHR6	24668834	CHR6:24668834	SSF x LoA	-9,87020353	0,021	0,299
CHR6	24668853	CHR6:24668853	SSF x LoA	-8,00321824	0,078	0,294
CHR6	2467010	CHR6:2467010	SSF x LoA	-11,4167029	-0,087	0,316
CHR6	246707	CHR6:246707	SSF x LoA	-8,74943326	-0,109	0,305
CHR6	24685109	CHR6:24685109	SSF x LoA	0,75283071	-0,094	0,309
CHR6	24685262	CHR6:24685262	SSF x LoA	-10,239163	-0,074	0,315
CHR6	24685310	CHR6:24685310	SSF x LoA	-9,71301927	-0,015	0,326
CHR6	24691800	CHR6:24691800	SSF x LoA	-11,9627389	0,082	0,307
CHR6	2469220	CHR6:2469220	SSF x LoA	-10,1805662	0,017	0,307
CHR6	24699760	CHR6:24699760	SSF x LoA	-9,62441856	0,045	0,313

CHR6	24699819	CHR6:24699819	SSF x LoA	-9,08133898	-0,014	0,299
CHR6	24702564	CHR6:24702564	SSF x LoA	-7,04398488	0,106	0,315
CHR6	24702608	CHR6:24702608	SSF x LoA	-9,95396785	-0,079	0,296
CHR6	24702680	CHR6:24702680	SSF x LoA	-8,00561451	-0,073	0,290
CHR6	24702683	CHR6:24702683	SSF x LoA	-7,76039992	-0,068	0,303
CHR6	24702733	CHR6:24702733	SSF x LoA	-10,1714967	0,006	0,286
CHR6	24702736	CHR6:24702736	SSF x LoA	-5,50237738	0,022	0,302
CHR6	24702752	CHR6:24702752	SSF x LoA	-9,61457955	0,001	0,293
CHR6	24702820	CHR6:24702820	SSF x LoA	-4,77049907	-0,098	0,301
CHR6	2470453	CHR6:2470453	SSF x LoA	-11,1573555	0,020	0,288
CHR6	24707517	CHR6:24707517	SSF x LoA	-9,66685408	0,144	0,298
CHR6	24707535	CHR6:24707535	SSF x LoA	-10,4211897	0,056	0,309
CHR6	24707550	CHR6:24707550	SSF x LoA	-10,656198	-0,086	0,317
CHR6	24709598	CHR6:24709598	SSF x LoA	-7,57175881	-0,034	0,314
CHR6	24721223	CHR6:24721223	SSF x LoA	-10,0435475	-0,008	0,305
CHR6	24723694	CHR6:24723694	SSF x LoA	-7,48221791	0,113	0,300
CHR6	24723706	CHR6:24723706	SSF x LoA	-9,08426645	-0,141	0,298
CHR6	24723707	CHR6:24723707	SSF x LoA	-10,4542458	-0,119	0,313
CHR6	24723722	CHR6:24723722	SSF x LoA	-9,76192451	0,015	0,314
CHR6	24723799	CHR6:24723799	SSF x LoA	-8,92420782	-0,148	0,308
CHR6	24731817	CHR6:24731817	SSF x LoA	-10,2963633	-0,122	0,292
CHR6	24731869	CHR6:24731869	SSF x LoA	-10,3227041	0,065	0,300
CHR6	24731941	CHR6:24731941	SSF x LoA	-6,52685691	-0,069	0,328
CHR6	24731976	CHR6:24731976	SSF x LoA	-8,05699242	0,045	0,314
CHR6	24731979	CHR6:24731979	SSF x LoA	-10,1229596	0,030	0,308
CHR6	24741275	CHR6:24741275	SSF x LoA	-10,7258798	0,039	0,320
CHR6	24741351	CHR6:24741351	SSF x LoA	-9,891912	0,036	0,297
CHR6	24741352	CHR6:24741352	SSF x LoA	-9,72335983	0,045	0,294
CHR6	24741363	CHR6:24741363	SSF x LoA	-9,61106	-0,028	0,314
CHR6	24741375	CHR6:24741375	SSF x LoA	-7,24087901	0,055	0,291
CHR6	24741397	CHR6:24741397	SSF x LoA	-8,72413811	-0,077	0,293
CHR6	24741414	CHR6:24741414	SSF x LoA	-10,0521059	0,077	0,310
CHR6	24741418	CHR6:24741418	SSF x LoA	-8,72239971	0,037	0,306
CHR6	24741422	CHR6:24741422	SSF x LoA	-9,24251118	-0,015	0,317
CHR6	24741436	CHR6:24741436	SSF x LoA	-9,70657612	0,030	0,301
CHR6	24741651	CHR6:24741651	SSF x LoA	-10,6651882	0,044	0,301
CHR6	24749483	CHR6:24749483	SSF x LoA	-9,20259729	-0,023	0,309
CHR6	24749516	CHR6:24749516	SSF x LoA	-10,3870414	0,044	0,312
CHR6	24749525	CHR6:24749525	SSF x LoA	-7,80998471	-0,152	0,316
CHR6	24749541	CHR6:24749541	SSF x LoA	-9,14454185	-0,104	0,315
CHR6	24749553	CHR6:24749553	SSF x LoA	-4,47787283	-0,053	0,313
CHR6	24763769	CHR6:24763769	SSF x LoA	-6,90878971	0,092	0,305
CHR6	24763818	CHR6:24763818	SSF x LoA	-10,0866944	-0,063	0,303
CHR6	24770431	CHR6:24770431	SSF x LoA	-3,71203249	-0,104	0,307
CHR6	24770522	CHR6:24770522	SSF x LoA	-10,6999536	-0,092	0,307
CHR6	24770661	CHR6:24770661	SSF x LoA	-10,3244746	-0,004	0,299
CHR6	24770705	CHR6:24770705	SSF x LoA	-5,4749459	-0,010	0,311
CHR6	24770712	CHR6:24770712	SSF x LoA	-10,0375545	-0,004	0,314
CHR6	24770716	CHR6:24770716	SSF x LoA	-7,84041558	0,075	0,316
CHR6	24770753	CHR6:24770753	SSF x LoA	-7,00348728	-0,082	0,310
CHR6	24771926	CHR6:24771926	SSF x LoA	-7,71531594	-0,071	0,319
CHR6	24771935	CHR6:24771935	SSF x LoA	-9,69007301	0,021	0,312
CHR6	24771942	CHR6:24771942	SSF x LoA	-5,00311464	-0,110	0,293

CHR6	24771949	CHR6:24771949	SSF x LoA	-9,17832645	-0,091	0,305
CHR6	24772029	CHR6:24772029	SSF x LoA	-9,70801074	-0,045	0,299
CHR6	24780342	CHR6:24780342	SSF x LoA	-9,52694346	0,050	0,320
CHR6	24780346	CHR6:24780346	SSF x LoA	-9,28399537	0,071	0,316
CHR6	24780352	CHR6:24780352	SSF x LoA	-7,03487971	0,044	0,315
CHR6	24783163	CHR6:24783163	SSF x LoA	-9,60846057	-0,075	0,303
CHR6	24784755	CHR6:24784755	SSF x LoA	-9,96547466	-0,095	0,303
CHR6	24786909	CHR6:24786909	SSF x LoA	-6,26317301	-0,211	0,292
CHR6	24786935	CHR6:24786935	SSF x LoA	-12,2785597	0,028	0,295
CHR6	24793929	CHR6:24793929	SSF x LoA	-9,67869681	0,001	0,305
CHR6	24793945	CHR6:24793945	SSF x LoA	-10,7898923	0,029	0,317
CHR6	2479671	CHR6:2479671	SSF x LoA	-9,20682544	-0,034	0,313
CHR6	2479748	CHR6:2479748	SSF x LoA	-11,433948	-0,016	0,325
CHR6	2479792	CHR6:2479792	SSF x LoA	-5,86367903	0,034	0,317
CHR6	2479985	CHR6:2479985	SSF x LoA	-7,40208414	0,218	0,289
CHR6	24806242	CHR6:24806242	SSF x LoA	-10,2813133	-0,019	0,314
CHR6	24806340	CHR6:24806340	SSF x LoA	-9,27262163	-0,092	0,299
CHR6	24833362	CHR6:24833362	SSF x LoA	-10,6100133	-0,032	0,308
CHR6	24833606	CHR6:24833606	SSF x LoA	-9,62117129	-0,013	0,304
CHR6	24852803	CHR6:24852803	SSF x LoA	-11,1924025	-0,064	0,316
CHR6	24852805	CHR6:24852805	SSF x LoA	-8,41474167	-0,063	0,309
CHR6	24852818	CHR6:24852818	SSF x LoA	-10,6769217	0,054	0,305
CHR6	24852886	CHR6:24852886	SSF x LoA	-9,3957448	-0,072	0,293
CHR6	24853633	CHR6:24853633	SSF x LoA	-8,68453149	0,096	0,304
CHR6	24853656	CHR6:24853656	SSF x LoA	-8,2100315	-0,129	0,297
CHR6	24853705	CHR6:24853705	SSF x LoA	-11,1159894	0,042	0,308
CHR6	24857182	CHR6:24857182	SSF x LoA	-10,9396315	0,074	0,308
CHR6	24861450	CHR6:24861450	SSF x LoA	-4,06791195	-0,225	0,302
CHR6	24861453	CHR6:24861453	SSF x LoA	-6,47835052	-0,208	0,292
CHR6	24866574	CHR6:24866574	SSF x LoA	-8,1312563	0,061	0,307
CHR6	24866620	CHR6:24866620	SSF x LoA	-8,42455881	-0,070	0,321
CHR6	24866659	CHR6:24866659	SSF x LoA	-10,7700457	-0,028	0,313
CHR6	24874459	CHR6:24874459	SSF x LoA	-10,3465345	0,030	0,299
CHR6	24874461	CHR6:24874461	SSF x LoA	-10,3651816	0,021	0,286
CHR6	24874567	CHR6:24874567	SSF x LoA	-5,82945693	0,128	0,312
CHR6	24874568	CHR6:24874568	SSF x LoA	-8,98305333	0,096	0,300
CHR6	24874572	CHR6:24874572	SSF x LoA	-6,39666524	-0,108	0,310
CHR6	24874621	CHR6:24874621	SSF x LoA	-10,7106818	-0,023	0,302
CHR6	24874622	CHR6:24874622	SSF x LoA	-8,54894001	-0,011	0,320
CHR6	24874697	CHR6:24874697	SSF x LoA	-10,4613754	0,008	0,299
CHR6	24879127	CHR6:24879127	SSF x LoA	-10,7468912	0,070	0,305
CHR6	24879763	CHR6:24879763	SSF x LoA	-9,67954741	-0,096	0,310
CHR6	24879836	CHR6:24879836	SSF x LoA	-9,25703734	-0,013	0,305
CHR6	24879848	CHR6:24879848	SSF x LoA	-9,49553205	0,057	0,299
CHR6	24879899	CHR6:24879899	SSF x LoA	-10,5899818	-0,073	0,303
CHR6	24881354	CHR6:24881354	SSF x LoA	-8,40474711	0,025	0,306
CHR6	24881376	CHR6:24881376	SSF x LoA	-10,1140962	0,030	0,314
CHR6	24881424	CHR6:24881424	SSF x LoA	-9,81025162	-0,076	0,299
CHR6	24881435	CHR6:24881435	SSF x LoA	-8,63031926	-0,095	0,302
CHR6	24881447	CHR6:24881447	SSF x LoA	-8,56846058	-0,096	0,306
CHR6	24881506	CHR6:24881506	SSF x LoA	-9,61933626	-0,051	0,314
CHR6	24883389	CHR6:24883389	SSF x LoA	-9,76711283	-0,113	0,306
CHR6	24883395	CHR6:24883395	SSF x LoA	-9,53204009	-0,115	0,313

CHR6	24883412	CHR6:24883412	SSF x LoA	-11,2832422	-0,002	0,311
CHR6	24883464	CHR6:24883464	SSF x LoA	-8,51327092	0,104	0,310
CHR6	24883546	CHR6:24883546	SSF x LoA	-10,0471358	-0,005	0,307
CHR6	24886627	CHR6:24886627	SSF x LoA	2,34681746	-0,009	0,308
CHR6	24886646	CHR6:24886646	SSF x LoA	-9,14567329	0,087	0,293
CHR6	24886649	CHR6:24886649	SSF x LoA	-7,60894416	-0,085	0,318
CHR6	24890351	CHR6:24890351	SSF x LoA	-10,3335225	0,055	0,300
CHR6	24892319	CHR6:24892319	SSF x LoA	-7,60357191	-0,051	0,300
CHR6	24892653	CHR6:24892653	SSF x LoA	-10,002235	0,102	0,299
CHR6	24892721	CHR6:24892721	SSF x LoA	-11,3601035	0,031	0,308
CHR6	24892768	CHR6:24892768	SSF x LoA	-9,38591863	-0,115	0,308
CHR6	24897796	CHR6:24897796	SSF x LoA	-7,96354829	-0,138	0,302
CHR6	24897803	CHR6:24897803	SSF x LoA	-8,90037518	0,139	0,304
CHR6	24897844	CHR6:24897844	SSF x LoA	-11,093897	-0,097	0,283
CHR6	24905577	CHR6:24905577	SSF x LoA	-8,19234451	-0,023	0,312
CHR6	24905820	CHR6:24905820	SSF x LoA	-9,24240678	-0,042	0,305
CHR6	24905822	CHR6:24905822	SSF x LoA	-11,4112644	0,018	0,298
CHR6	24905823	CHR6:24905823	SSF x LoA	-9,12704924	0,050	0,297
CHR6	24905937	CHR6:24905937	SSF x LoA	-9,66982972	-0,050	0,312
CHR6	24907134	CHR6:24907134	SSF x LoA	-9,90758976	-0,040	0,302
CHR6	24907136	CHR6:24907136	SSF x LoA	-10,91506	-0,008	0,319
CHR6	2490748	CHR6:2490748	SSF x LoA	-5,98323153	-0,085	0,302
CHR6	2490762	CHR6:2490762	SSF x LoA	-10,3923925	-0,012	0,297
CHR6	2491843	CHR6:2491843	SSF x LoA	-11,3902012	0,018	0,310
CHR6	2491908	CHR6:2491908	SSF x LoA	-9,71506866	0,049	0,324
CHR6	2491955	CHR6:2491955	SSF x LoA	-9,75194968	-0,182	0,289
CHR6	2492062	CHR6:2492062	SSF x LoA	-11,9792236	0,008	0,299
CHR6	2492112	CHR6:2492112	SSF x LoA	-11,5301304	0,096	0,298
CHR6	24940605	CHR6:24940605	SSF x LoA	-10,5877047	-0,003	0,305
CHR6	24952896	CHR6:24952896	SSF x LoA	-7,00410698	0,067	0,295
CHR6	24952946	CHR6:24952946	SSF x LoA	-7,22493356	-0,089	0,294
CHR6	24953131	CHR6:24953131	SSF x LoA	-10,7721144	0,044	0,308
CHR6	24953138	CHR6:24953138	SSF x LoA	-4,79466312	-0,046	0,286
CHR6	24961124	CHR6:24961124	SSF x LoA	-11,9103205	-0,054	0,301
CHR6	24979187	CHR6:24979187	SSF x LoA	-7,96706802	0,047	0,298
CHR6	24979267	CHR6:24979267	SSF x LoA	0,68504041	0,032	0,312
CHR6	24979272	CHR6:24979272	SSF x LoA	-7,40254925	-0,098	0,309
CHR6	24979308	CHR6:24979308	SSF x LoA	-11,1709067	0,051	0,306
CHR6	24979369	CHR6:24979369	SSF x LoA	-11,376215	0,012	0,304
CHR6	2498916	CHR6:2498916	SSF x LoA	-11,9948609	-0,006	0,296
CHR6	2498918	CHR6:2498918	SSF x LoA	-2,80625534	-0,063	0,312
CHR6	24993539	CHR6:24993539	SSF x LoA	-8,89395634	-0,121	0,304
CHR6	24993561	CHR6:24993561	SSF x LoA	-9,35526646	0,115	0,296
CHR6	24997590	CHR6:24997590	SSF x LoA	-9,44223279	-0,096	0,313
CHR6	25012447	CHR6:25012447	SSF x LoA	-10,5249589	0,012	0,311
CHR6	25012522	CHR6:25012522	SSF x LoA	-9,83240839	0,086	0,300
CHR6	25012523	CHR6:25012523	SSF x LoA	-8,88932364	0,034	0,308
CHR6	25012542	CHR6:25012542	SSF x LoA	-9,64924306	-0,054	0,302
CHR6	25012551	CHR6:25012551	SSF x LoA	-10,2166263	0,055	0,303
CHR6	25012554	CHR6:25012554	SSF x LoA	-8,54731262	0,087	0,311
CHR6	25012582	CHR6:25012582	SSF x LoA	-9,76726631	-0,020	0,304
CHR6	25012602	CHR6:25012602	SSF x LoA	-8,32555731	-0,091	0,307
CHR6	25012617	CHR6:25012617	SSF x LoA	-8,87023554	0,014	0,316

CHR6	25012627	CHR6:25012627	SSF x LoA	-9,31015424	-0,089	0,311
CHR6	25012642	CHR6:25012642	SSF x LoA	-8,20300642	0,046	0,305
CHR6	25012643	CHR6:25012643	SSF x LoA	-6,41649904	0,076	0,308
CHR6	25012644	CHR6:25012644	SSF x LoA	-5,48598916	0,067	0,307
CHR6	25022153	CHR6:25022153	SSF x LoA	-4,1128924	-0,139	0,313
CHR6	25022302	CHR6:25022302	SSF x LoA	-9,22141298	0,048	0,308
CHR6	2502421	CHR6:2502421	SSF x LoA	-7,1908293	0,046	0,291
CHR6	25030827	CHR6:25030827	SSF x LoA	-1,04464281	-0,084	0,309
CHR6	25030835	CHR6:25030835	SSF x LoA	-9,02281987	0,122	0,307
CHR6	25030860	CHR6:25030860	SSF x LoA	-5,59894963	-0,172	0,305
CHR6	25036910	CHR6:25036910	SSF x LoA	-9,22222895	-0,058	0,305
CHR6	25043005	CHR6:25043005	SSF x LoA	-9,24932944	-0,124	0,291
CHR6	25051507	CHR6:25051507	SSF x LoA	-8,39566939	-0,064	0,285
CHR6	25062250	CHR6:25062250	SSF x LoA	-10,2009666	0,024	0,301
CHR6	25069695	CHR6:25069695	SSF x LoA	-5,8229151	0,152	0,308
CHR6	25069705	CHR6:25069705	SSF x LoA	-7,61696721	0,060	0,300
CHR6	25069717	CHR6:25069717	SSF x LoA	-11,1239378	-0,044	0,314
CHR6	25069718	CHR6:25069718	SSF x LoA	-11,8508789	-0,035	0,308
CHR6	25069736	CHR6:25069736	SSF x LoA	-3,27006648	0,215	0,314
CHR6	25069910	CHR6:25069910	SSF x LoA	-11,9577048	-0,061	0,306
CHR6	25077669	CHR6:25077669	SSF x LoA	-9,63342263	-0,055	0,301
CHR6	25077674	CHR6:25077674	SSF x LoA	-10,2390191	-0,115	0,304
CHR6	25077685	CHR6:25077685	SSF x LoA	-8,99384006	-0,046	0,302
CHR6	25077701	CHR6:25077701	SSF x LoA	-9,08747555	-0,050	0,300
CHR6	25078911	CHR6:25078911	SSF x LoA	-10,2587679	-0,081	0,310
CHR6	25078971	CHR6:25078971	SSF x LoA	-10,1324884	-0,002	0,303
CHR6	25078986	CHR6:25078986	SSF x LoA	-9,85787227	-0,022	0,296
CHR6	25078996	CHR6:25078996	SSF x LoA	-11,3837524	-0,056	0,312
CHR6	25085688	CHR6:25085688	SSF x LoA	-9,74436697	-0,005	0,305
CHR6	25085702	CHR6:25085702	SSF x LoA	-9,40253227	0,016	0,301
CHR6	25085781	CHR6:25085781	SSF x LoA	-8,93896798	0,044	0,292
CHR6	25085833	CHR6:25085833	SSF x LoA	-10,8548014	0,006	0,330
CHR6	25085877	CHR6:25085877	SSF x LoA	-10,3687191	0,072	0,297
CHR6	25085881	CHR6:25085881	SSF x LoA	-9,15922485	0,046	0,297
CHR6	25085899	CHR6:25085899	SSF x LoA	-6,7407143	-0,074	0,316
CHR6	25090637	CHR6:25090637	SSF x LoA	-10,6679005	-0,007	0,318
CHR6	25090669	CHR6:25090669	SSF x LoA	-9,80141877	0,089	0,289
CHR6	25090686	CHR6:25090686	SSF x LoA	-8,83227825	-0,056	0,305
CHR6	25090687	CHR6:25090687	SSF x LoA	-8,995986	-0,055	0,295
CHR6	25090694	CHR6:25090694	SSF x LoA	-7,21611339	-0,015	0,307
CHR6	25090794	CHR6:25090794	SSF x LoA	-9,61480891	0,121	0,302
CHR6	25090796	CHR6:25090796	SSF x LoA	-8,48856534	0,097	0,316
CHR6	25090820	CHR6:25090820	SSF x LoA	-10,3828475	-0,059	0,296
CHR6	25090872	CHR6:25090872	SSF x LoA	-10,9896139	0,079	0,314
CHR6	25093772	CHR6:25093772	SSF x LoA	-8,06048261	0,070	0,317
CHR6	25097556	CHR6:25097556	SSF x LoA	-9,74102286	0,034	0,311
CHR6	25097657	CHR6:25097657	SSF x LoA	-5,3147816	-0,121	0,297
CHR6	25097676	CHR6:25097676	SSF x LoA	-10,5956453	0,043	0,313
CHR6	25097971	CHR6:25097971	SSF x LoA	-7,56038424	-0,147	0,299
CHR6	25099943	CHR6:25099943	SSF x LoA	-11,8401953	0,025	0,296
CHR6	25100001	CHR6:25100001	SSF x LoA	-9,77426096	-0,009	0,306
CHR6	25100067	CHR6:25100067	SSF x LoA	-9,37050558	-0,018	0,306
CHR6	25100169	CHR6:25100169	SSF x LoA	-10,2135886	-0,031	0,306

CHR6	25100180	CHR6:25100180	SSF x LoA	-9,50576639	-0,078	0,293
CHR6	25100209	CHR6:25100209	SSF x LoA	-9,76146709	0,061	0,314
CHR6	25102163	CHR6:25102163	SSF x LoA	-4,81387845	0,145	0,298
CHR6	25102166	CHR6:25102166	SSF x LoA	-7,96048831	0,140	0,307
CHR6	2510272	CHR6:2510272	SSF x LoA	-7,32336824	0,046	0,305
CHR6	2510441	CHR6:2510441	SSF x LoA	-9,71302645	0,043	0,308
CHR6	2510514	CHR6:2510514	SSF x LoA	-11,1794567	0,006	0,310
CHR6	25107910	CHR6:25107910	SSF x LoA	-8,90845026	-0,014	0,295
CHR6	25114059	CHR6:25114059	SSF x LoA	-6,26759123	0,033	0,308
CHR6	25114275	CHR6:25114275	SSF x LoA	-10,3056094	-0,078	0,310
CHR6	25114319	CHR6:25114319	SSF x LoA	-11,7710401	0,004	0,307
CHR6	25114320	CHR6:25114320	SSF x LoA	-11,0058024	0,005	0,300
CHR6	2512080	CHR6:2512080	SSF x LoA	6,57391032	0,088	0,319
CHR6	2512095	CHR6:2512095	SSF x LoA	-7,29496424	0,132	0,299
CHR6	25121118	CHR6:25121118	SSF x LoA	-10,3986863	-0,062	0,307
CHR6	25121198	CHR6:25121198	SSF x LoA	-9,79591788	0,020	0,299
CHR6	25138355	CHR6:25138355	SSF x LoA	-8,5102112	0,030	0,293
CHR6	25138379	CHR6:25138379	SSF x LoA	-8,86604786	-0,006	0,318
CHR6	25138395	CHR6:25138395	SSF x LoA	-9,03700375	-0,045	0,308
CHR6	25143188	CHR6:25143188	SSF x LoA	-8,10940939	0,061	0,311
CHR6	25143689	CHR6:25143689	SSF x LoA	-8,63532407	-0,022	0,298
CHR6	25146571	CHR6:25146571	SSF x LoA	-9,26738577	-0,154	0,292
CHR6	25152832	CHR6:25152832	SSF x LoA	-11,3956838	0,065	0,299
CHR6	25152872	CHR6:25152872	SSF x LoA	-11,6985289	0,066	0,290
CHR6	25152888	CHR6:25152888	SSF x LoA	-8,19275632	0,071	0,305
CHR6	25155328	CHR6:25155328	SSF x LoA	-8,61878909	0,036	0,294
CHR6	25155332	CHR6:25155332	SSF x LoA	-5,90231851	0,093	0,315
CHR6	25155345	CHR6:25155345	SSF x LoA	-10,3023655	0,074	0,314
CHR6	25155369	CHR6:25155369	SSF x LoA	-7,64558371	0,060	0,304
CHR6	25155375	CHR6:25155375	SSF x LoA	-9,94424865	0,022	0,298
CHR6	25155449	CHR6:25155449	SSF x LoA	1,1487653	-0,230	0,300
CHR6	25155459	CHR6:25155459	SSF x LoA	-10,526734	0,046	0,313
CHR6	25155483	CHR6:25155483	SSF x LoA	-11,898044	-0,054	0,301
CHR6	25155536	CHR6:25155536	SSF x LoA	-8,76827192	0,144	0,297
CHR6	25159107	CHR6:25159107	SSF x LoA	-10,3788224	-0,008	0,325
CHR6	25159118	CHR6:25159118	SSF x LoA	-3,11343777	-0,012	0,319
CHR6	25159146	CHR6:25159146	SSF x LoA	-9,66478707	-0,157	0,318
CHR6	25159195	CHR6:25159195	SSF x LoA	-10,955793	0,081	0,306
CHR6	25162357	CHR6:25162357	SSF x LoA	-9,42918636	-0,009	0,311
CHR6	25162547	CHR6:25162547	SSF x LoA	-9,35687828	0,027	0,299
CHR6	25162598	CHR6:25162598	SSF x LoA	-6,16220309	-0,093	0,305
CHR6	25165932	CHR6:25165932	SSF x LoA	-9,46406872	0,007	0,300
CHR6	25165938	CHR6:25165938	SSF x LoA	-7,61185632	0,133	0,306
CHR6	25166066	CHR6:25166066	SSF x LoA	-12,3733361	-0,020	0,294
CHR6	25169074	CHR6:25169074	SSF x LoA	-7,03153217	0,178	0,317
CHR6	25169103	CHR6:25169103	SSF x LoA	-9,77618427	0,078	0,296
CHR6	25173945	CHR6:25173945	SSF x LoA	-7,02738234	-0,104	0,299
CHR6	25174060	CHR6:25174060	SSF x LoA	-4,03236227	-0,021	0,306
CHR6	25174132	CHR6:25174132	SSF x LoA	-10,7205522	0,006	0,307
CHR6	25178739	CHR6:25178739	SSF x LoA	-9,41344956	-0,025	0,313
CHR6	25178875	CHR6:25178875	SSF x LoA	-10,6892325	-0,026	0,322
CHR6	25178879	CHR6:25178879	SSF x LoA	-9,48071198	0,002	0,298
CHR6	25178951	CHR6:25178951	SSF x LoA	-8,80598809	-0,017	0,309

CHR6	25179016	CHR6:25179016	SSF x LoA	-8,9588339	-0,066	0,315
CHR6	25179049	CHR6:25179049	SSF x LoA	-10,4214801	0,064	0,308
CHR6	25180428	CHR6:25180428	SSF x LoA	-10,3093221	-0,061	0,308
CHR6	25183664	CHR6:25183664	SSF x LoA	-9,86498477	0,022	0,311
CHR6	25183785	CHR6:25183785	SSF x LoA	-10,2733696	-0,031	0,302
CHR6	25200624	CHR6:25200624	SSF x LoA	-9,7685299	0,028	0,302
CHR6	25200709	CHR6:25200709	SSF x LoA	-8,83062197	0,018	0,308
CHR6	25221435	CHR6:25221435	SSF x LoA	-6,99418139	-0,105	0,319
CHR6	25221436	CHR6:25221436	SSF x LoA	-5,95676141	-0,095	0,306
CHR6	25229062	CHR6:25229062	SSF x LoA	-9,92190014	0,071	0,294
CHR6	25229191	CHR6:25229191	SSF x LoA	-10,3255588	0,058	0,305
CHR6	25229205	CHR6:25229205	SSF x LoA	-11,7086357	0,057	0,312
CHR6	25229326	CHR6:25229326	SSF x LoA	-11,8944948	0,047	0,295
CHR6	25232915	CHR6:25232915	SSF x LoA	-10,5290269	-0,003	0,299
CHR6	25232942	CHR6:25232942	SSF x LoA	-9,71796949	0,001	0,298
CHR6	25232950	CHR6:25232950	SSF x LoA	-7,73022347	-0,004	0,309
CHR6	25233018	CHR6:25233018	SSF x LoA	-10,4079182	0,050	0,302
CHR6	25233075	CHR6:25233075	SSF x LoA	-10,8876413	-0,035	0,315
CHR6	25233092	CHR6:25233092	SSF x LoA	-6,1628461	0,126	0,296
CHR6	25240007	CHR6:25240007	SSF x LoA	-10,4499239	-0,025	0,297
CHR6	25240028	CHR6:25240028	SSF x LoA	-9,61805642	-0,044	0,295
CHR6	25240036	CHR6:25240036	SSF x LoA	-8,96279796	0,004	0,317
CHR6	25240051	CHR6:25240051	SSF x LoA	-8,94934668	-0,028	0,306
CHR6	25240065	CHR6:25240065	SSF x LoA	-9,67246756	0,000	0,309
CHR6	25240076	CHR6:25240076	SSF x LoA	-7,47250773	0,037	0,305
CHR6	25240732	CHR6:25240732	SSF x LoA	-7,05472491	0,126	0,295
CHR6	25244228	CHR6:25244228	SSF x LoA	-6,09127418	-0,161	0,313
CHR6	25244264	CHR6:25244264	SSF x LoA	-8,37231731	-0,114	0,312
CHR6	25244279	CHR6:25244279	SSF x LoA	-7,08306804	0,082	0,299
CHR6	25244316	CHR6:25244316	SSF x LoA	-9,71807834	-0,083	0,295
CHR6	25244354	CHR6:25244354	SSF x LoA	-10,913601	-0,064	0,295
CHR6	25244393	CHR6:25244393	SSF x LoA	-9,73051245	0,078	0,309
CHR6	25244404	CHR6:25244404	SSF x LoA	-9,04064111	0,062	0,310
CHR6	25244406	CHR6:25244406	SSF x LoA	-9,81781377	0,041	0,300
CHR6	25244409	CHR6:25244409	SSF x LoA	-9,16266799	0,012	0,300
CHR6	2524549	CHR6:2524549	SSF x LoA	-11,0864981	0,073	0,311
CHR6	2524633	CHR6:2524633	SSF x LoA	-9,40977345	0,006	0,319
CHR6	2524735	CHR6:2524735	SSF x LoA	-5,66642204	0,164	0,293
CHR6	25249874	CHR6:25249874	SSF x LoA	-8,22482451	-0,103	0,295
CHR6	25249890	CHR6:25249890	SSF x LoA	-8,26720916	-0,081	0,307
CHR6	25250034	CHR6:25250034	SSF x LoA	-9,39320679	0,122	0,310
CHR6	25252842	CHR6:25252842	SSF x LoA	-6,99567138	-0,032	0,310
CHR6	25256138	CHR6:25256138	SSF x LoA	-9,48927227	-0,069	0,303
CHR6	25264042	CHR6:25264042	SSF x LoA	-8,61813862	-0,069	0,305
CHR6	25264062	CHR6:25264062	SSF x LoA	-1,89570517	-0,019	0,310
CHR6	25264076	CHR6:25264076	SSF x LoA	-10,2627978	-0,091	0,315
CHR6	25268246	CHR6:25268246	SSF x LoA	-9,78828357	0,009	0,316
CHR6	25268267	CHR6:25268267	SSF x LoA	-10,3713955	-0,019	0,307
CHR6	25268291	CHR6:25268291	SSF x LoA	-8,644033	-0,003	0,296
CHR6	25268325	CHR6:25268325	SSF x LoA	-7,26813384	0,051	0,308
CHR6	25277518	CHR6:25277518	SSF x LoA	-4,75203729	-0,137	0,306
CHR6	25282753	CHR6:25282753	SSF x LoA	-8,815518	0,019	0,318
CHR6	25282825	CHR6:25282825	SSF x LoA	-10,3747964	-0,101	0,311

CHR6	25282953	CHR6:25282953	SSF x LoA	-8,42499559	-0,067	0,311
CHR6	25293356	CHR6:25293356	SSF x LoA	-12,0552885	-0,071	0,307
CHR6	25296539	CHR6:25296539	SSF x LoA	-8,68069258	0,064	0,310
CHR6	2532023	CHR6:2532023	SSF x LoA	-10,9050476	-0,071	0,302
CHR6	25321400	CHR6:25321400	SSF x LoA	0,68934151	-0,013	0,305
CHR6	25344870	CHR6:25344870	SSF x LoA	-10,7806977	-0,087	0,306
CHR6	25344894	CHR6:25344894	SSF x LoA	-11,1310207	0,083	0,295
CHR6	25344912	CHR6:25344912	SSF x LoA	-9,29808863	0,031	0,311
CHR6	25344914	CHR6:25344914	SSF x LoA	-7,1020299	-0,102	0,299
CHR6	25344923	CHR6:25344923	SSF x LoA	-9,22313015	-0,047	0,310
CHR6	25345018	CHR6:25345018	SSF x LoA	-6,68077547	-0,188	0,288
CHR6	25345019	CHR6:25345019	SSF x LoA	-10,718131	-0,117	0,295
CHR6	25345053	CHR6:25345053	SSF x LoA	-5,87745746	-0,126	0,306
CHR6	25345078	CHR6:25345078	SSF x LoA	-4,12660097	-0,133	0,301
CHR6	25345085	CHR6:25345085	SSF x LoA	-6,42639797	0,141	0,296
CHR6	25345093	CHR6:25345093	SSF x LoA	-9,63815298	-0,106	0,307
CHR6	25345112	CHR6:25345112	SSF x LoA	-6,32313713	0,156	0,304
CHR6	25345135	CHR6:25345135	SSF x LoA	-8,00914187	-0,085	0,315
CHR6	25347370	CHR6:25347370	SSF x LoA	-10,339807	-0,001	0,309
CHR6	25347384	CHR6:25347384	SSF x LoA	-3,46849534	0,170	0,301
CHR6	25347456	CHR6:25347456	SSF x LoA	-6,46249367	-0,121	0,304
CHR6	25347509	CHR6:25347509	SSF x LoA	-9,80766629	-0,076	0,304
CHR6	25347578	CHR6:25347578	SSF x LoA	-8,92302783	0,029	0,312
CHR6	25349468	CHR6:25349468	SSF x LoA	-10,0759746	0,104	0,299
CHR6	25353106	CHR6:25353106	SSF x LoA	-8,07724677	-0,065	0,308
CHR6	25353118	CHR6:25353118	SSF x LoA	-9,85864196	-0,043	0,308
CHR6	25353192	CHR6:25353192	SSF x LoA	-9,91763345	-0,139	0,297
CHR6	25364340	CHR6:25364340	SSF x LoA	-6,8028997	0,040	0,309
CHR6	25364388	CHR6:25364388	SSF x LoA	-11,7164179	0,079	0,310
CHR6	25364418	CHR6:25364418	SSF x LoA	-10,1240214	0,082	0,315
CHR6	25370603	CHR6:25370603	SSF x LoA	-8,78547457	0,033	0,302
CHR6	25370763	CHR6:25370763	SSF x LoA	-9,85090855	-0,077	0,297
CHR6	25373793	CHR6:25373793	SSF x LoA	-8,15380273	0,033	0,299
CHR6	25373879	CHR6:25373879	SSF x LoA	-5,46417293	-0,145	0,309
CHR6	25379669	CHR6:25379669	SSF x LoA	-9,17378031	-0,088	0,304
CHR6	25386796	CHR6:25386796	SSF x LoA	-9,52357081	0,053	0,295
CHR6	25386807	CHR6:25386807	SSF x LoA	-11,5344482	0,062	0,310
CHR6	25393205	CHR6:25393205	SSF x LoA	-11,0850536	0,060	0,302
CHR6	2539558	CHR6:2539558	SSF x LoA	-9,85662673	0,042	0,311
CHR6	25395688	CHR6:25395688	SSF x LoA	-10,8407453	-0,069	0,302
CHR6	25395780	CHR6:25395780	SSF x LoA	-7,46613154	-0,217	0,296
CHR6	25395896	CHR6:25395896	SSF x LoA	-11,03982	-0,048	0,312
CHR6	25395900	CHR6:25395900	SSF x LoA	-11,3278316	-0,025	0,304
CHR6	25399937	CHR6:25399937	SSF x LoA	-11,3255757	0,048	0,318
CHR6	25399959	CHR6:25399959	SSF x LoA	-9,38800369	0,039	0,300
CHR6	25400138	CHR6:25400138	SSF x LoA	-10,4467211	0,018	0,308
CHR6	25437206	CHR6:25437206	SSF x LoA	-9,88758773	0,040	0,299
CHR6	25437267	CHR6:25437267	SSF x LoA	-10,2490494	0,077	0,295
CHR6	25437353	CHR6:25437353	SSF x LoA	-7,56014913	-0,001	0,306
CHR6	2544159	CHR6:2544159	SSF x LoA	-9,80386357	0,027	0,308
CHR6	2544191	CHR6:2544191	SSF x LoA	-8,92889171	0,144	0,313
CHR6	2544277	CHR6:2544277	SSF x LoA	-9,42383148	0,139	0,291
CHR6	25449558	CHR6:25449558	SSF x LoA	-11,8707254	-0,007	0,305

CHR6	25449699	CHR6:25449699	SSF x LoA	-8,4175793	-0,075	0,297
CHR6	25449793	CHR6:25449793	SSF x LoA	-10,8792086	0,024	0,317
CHR6	25460635	CHR6:25460635	SSF x LoA	-8,86334214	0,033	0,312
CHR6	25466428	CHR6:25466428	SSF x LoA	-9,5077924	-0,105	0,300
CHR6	25470279	CHR6:25470279	SSF x LoA	-10,396203	0,018	0,304
CHR6	25473564	CHR6:25473564	SSF x LoA	-9,83354893	-0,113	0,283
CHR6	25473650	CHR6:25473650	SSF x LoA	-10,7999881	-0,117	0,294
CHR6	25473662	CHR6:25473662	SSF x LoA	-7,78811248	0,050	0,314
CHR6	25473718	CHR6:25473718	SSF x LoA	-9,72786369	0,065	0,311
CHR6	25473788	CHR6:25473788	SSF x LoA	-8,56942639	0,088	0,314
CHR6	25475665	CHR6:25475665	SSF x LoA	-9,66392213	0,056	0,315
CHR6	25476591	CHR6:25476591	SSF x LoA	-11,7836357	-0,016	0,298
CHR6	25484205	CHR6:25484205	SSF x LoA	-7,63544697	-0,035	0,309
CHR6	25490355	CHR6:25490355	SSF x LoA	-7,9649292	0,027	0,301
CHR6	25490368	CHR6:25490368	SSF x LoA	-7,59419886	-0,076	0,314
CHR6	25490414	CHR6:25490414	SSF x LoA	-8,03103953	-0,052	0,319
CHR6	25497039	CHR6:25497039	SSF x LoA	-10,1493501	0,061	0,309
CHR6	2549890	CHR6:2549890	SSF x LoA	-10,8114325	-0,028	0,317
CHR6	25499107	CHR6:25499107	SSF x LoA	-9,22096106	0,000	0,303
CHR6	2549942	CHR6:2549942	SSF x LoA	-7,62350068	0,070	0,325
CHR6	2549964	CHR6:2549964	SSF x LoA	-10,1190426	0,014	0,312
CHR6	2549966	CHR6:2549966	SSF x LoA	-12,3792875	0,046	0,297
CHR6	25504129	CHR6:25504129	SSF x LoA	-11,8594523	-0,009	0,300
CHR6	25504138	CHR6:25504138	SSF x LoA	-10,1723587	0,132	0,296
CHR6	25504144	CHR6:25504144	SSF x LoA	-10,2316061	0,009	0,302
CHR6	25504157	CHR6:25504157	SSF x LoA	-10,9259567	0,001	0,316
CHR6	25504206	CHR6:25504206	SSF x LoA	-9,90393019	-0,004	0,295
CHR6	25504270	CHR6:25504270	SSF x LoA	-10,9034416	-0,024	0,301
CHR6	25504328	CHR6:25504328	SSF x LoA	-9,18137675	0,070	0,307
CHR6	25504343	CHR6:25504343	SSF x LoA	-8,4079099	-0,069	0,296
CHR6	25505428	CHR6:25505428	SSF x LoA	-10,3134825	0,022	0,309
CHR6	25506161	CHR6:25506161	SSF x LoA	-9,26328719	-0,024	0,308
CHR6	25506203	CHR6:25506203	SSF x LoA	-6,1143446	-0,059	0,306
CHR6	25507040	CHR6:25507040	SSF x LoA	-8,9028678	0,032	0,307
CHR6	25507046	CHR6:25507046	SSF x LoA	-7,39688746	0,035	0,302
CHR6	25507052	CHR6:25507052	SSF x LoA	-9,55493952	0,019	0,308
CHR6	25513496	CHR6:25513496	SSF x LoA	-9,11832772	0,072	0,294
CHR6	25513573	CHR6:25513573	SSF x LoA	-8,37884937	-0,113	0,310
CHR6	25513577	CHR6:25513577	SSF x LoA	-8,53082376	-0,058	0,295
CHR6	25513613	CHR6:25513613	SSF x LoA	-8,18678827	-0,004	0,324
CHR6	25513625	CHR6:25513625	SSF x LoA	-7,90711495	0,086	0,318
CHR6	25513626	CHR6:25513626	SSF x LoA	1,58925378	-0,065	0,302
CHR6	25513635	CHR6:25513635	SSF x LoA	-9,51857445	0,064	0,298
CHR6	25513646	CHR6:25513646	SSF x LoA	-8,84013328	0,024	0,304
CHR6	25513682	CHR6:25513682	SSF x LoA	-10,6897931	-0,063	0,305
CHR6	25513693	CHR6:25513693	SSF x LoA	-9,8597799	-0,034	0,319
CHR6	2552116	CHR6:2552116	SSF x LoA	-7,76299939	0,007	0,322
CHR6	25521191	CHR6:25521191	SSF x LoA	-8,92362463	-0,010	0,299
CHR6	25521196	CHR6:25521196	SSF x LoA	-10,0968044	-0,013	0,309
CHR6	25521202	CHR6:25521202	SSF x LoA	-4,24084165	0,018	0,318
CHR6	25521278	CHR6:25521278	SSF x LoA	-8,0371032	0,053	0,323
CHR6	25523521	CHR6:25523521	SSF x LoA	-8,96534131	0,107	0,294
CHR6	25528581	CHR6:25528581	SSF x LoA	-8,38437732	-0,030	0,311

CHR6	25528614	CHR6:25528614	SSF x LoA	-8,65258349	-0,127	0,304
CHR6	25530957	CHR6:25530957	SSF x LoA	-10,7009259	0,006	0,296
CHR6	25530979	CHR6:25530979	SSF x LoA	-10,6563425	0,013	0,315
CHR6	25531012	CHR6:25531012	SSF x LoA	-11,4133015	0,063	0,306
CHR6	25531048	CHR6:25531048	SSF x LoA	-11,292031	-0,013	0,304
CHR6	25541675	CHR6:25541675	SSF x LoA	-9,73171015	0,040	0,306
CHR6	25543676	CHR6:25543676	SSF x LoA	-8,46272122	-0,124	0,316
CHR6	25543710	CHR6:25543710	SSF x LoA	-1,78417707	-0,056	0,301
CHR6	25545839	CHR6:25545839	SSF x LoA	-9,00433613	0,041	0,296
CHR6	2554745	CHR6:2554745	SSF x LoA	-9,7193833	0,110	0,307
CHR6	2554811	CHR6:2554811	SSF x LoA	-4,71918587	0,025	0,302
CHR6	25550731	CHR6:25550731	SSF x LoA	-8,15245535	0,038	0,307
CHR6	25550803	CHR6:25550803	SSF x LoA	-9,08325926	0,085	0,324
CHR6	25550903	CHR6:25550903	SSF x LoA	-11,0166524	-0,009	0,293
CHR6	25550983	CHR6:25550983	SSF x LoA	-10,9872324	-0,060	0,306
CHR6	25553700	CHR6:25553700	SSF x LoA	-12,0876934	-0,045	0,293
CHR6	25553786	CHR6:25553786	SSF x LoA	-8,03526379	-0,093	0,308
CHR6	25557545	CHR6:25557545	SSF x LoA	-0,44267451	0,061	0,321
CHR6	25557758	CHR6:25557758	SSF x LoA	-6,89855874	-0,043	0,322
CHR6	25565579	CHR6:25565579	SSF x LoA	-8,5633608	0,008	0,316
CHR6	25565599	CHR6:25565599	SSF x LoA	-7,13304658	0,005	0,309
CHR6	25565656	CHR6:25565656	SSF x LoA	-7,67410919	-0,111	0,305
CHR6	25565659	CHR6:25565659	SSF x LoA	-7,15647989	-0,101	0,307
CHR6	25565664	CHR6:25565664	SSF x LoA	-8,80165637	-0,058	0,314
CHR6	25565669	CHR6:25565669	SSF x LoA	-10,4837649	-0,088	0,303
CHR6	25574081	CHR6:25574081	SSF x LoA	-10,3177282	-0,029	0,299
CHR6	25583491	CHR6:25583491	SSF x LoA	-8,1483372	-0,017	0,320
CHR6	25583519	CHR6:25583519	SSF x LoA	-7,25457016	-0,121	0,304
CHR6	25583547	CHR6:25583547	SSF x LoA	-4,73163472	-0,042	0,317
CHR6	25583693	CHR6:25583693	SSF x LoA	-10,6476888	-0,027	0,313
CHR6	2558820	CHR6:2558820	SSF x LoA	-7,38368263	-0,150	0,304
CHR6	25588772	CHR6:25588772	SSF x LoA	-8,54991928	-0,100	0,292
CHR6	2558990	CHR6:2558990	SSF x LoA	-11,4450631	-0,072	0,308
CHR6	2559923	CHR6:2559923	SSF x LoA	-6,3269537	0,101	0,310
CHR6	25602843	CHR6:25602843	SSF x LoA	-10,3051409	-0,020	0,308
CHR6	25602950	CHR6:25602950	SSF x LoA	-9,79257808	-0,062	0,298
CHR6	25606431	CHR6:25606431	SSF x LoA	-9,19500994	-0,102	0,306
CHR6	25606549	CHR6:25606549	SSF x LoA	-7,77333235	-0,109	0,302
CHR6	25607620	CHR6:25607620	SSF x LoA	-10,2958702	0,050	0,300
CHR6	25607653	CHR6:25607653	SSF x LoA	-6,8390766	0,087	0,307
CHR6	25607700	CHR6:25607700	SSF x LoA	-9,76005549	0,117	0,297
CHR6	25607804	CHR6:25607804	SSF x LoA	-3,34755862	-0,095	0,295
CHR6	25607818	CHR6:25607818	SSF x LoA	-8,7905804	-0,009	0,297
CHR6	25607823	CHR6:25607823	SSF x LoA	-8,09069756	-0,060	0,332
CHR6	25607843	CHR6:25607843	SSF x LoA	-8,59087605	-0,063	0,304
CHR6	25607916	CHR6:25607916	SSF x LoA	-8,19656795	0,065	0,295
CHR6	25614178	CHR6:25614178	SSF x LoA	-6,62162561	0,107	0,309
CHR6	25614311	CHR6:25614311	SSF x LoA	-6,1489847	-0,054	0,304
CHR6	25614339	CHR6:25614339	SSF x LoA	-7,85938588	-0,073	0,310
CHR6	25614402	CHR6:25614402	SSF x LoA	-9,44758462	0,005	0,309
CHR6	25614442	CHR6:25614442	SSF x LoA	-9,38467544	0,023	0,315
CHR6	25627827	CHR6:25627827	SSF x LoA	-8,99725815	0,028	0,308
CHR6	25628012	CHR6:25628012	SSF x LoA	-10,345695	-0,035	0,312

CHR6	25634862	CHR6:25634862	SSF x LoA	-8,71224785	-0,055	0,327
CHR6	2563830	CHR6:2563830	SSF x LoA	-7,4251551	-0,075	0,291
CHR6	25639296	CHR6:25639296	SSF x LoA	-9,74819167	-0,100	0,304
CHR6	2563964	CHR6:2563964	SSF x LoA	-9,53081357	0,074	0,309
CHR6	2564010	CHR6:2564010	SSF x LoA	-8,80627436	0,099	0,308
CHR6	2564012	CHR6:2564012	SSF x LoA	-10,7796467	0,055	0,302
CHR6	2564027	CHR6:2564027	SSF x LoA	-9,12002241	0,072	0,299
CHR6	25649948	CHR6:25649948	SSF x LoA	-10,7929611	0,014	0,293
CHR6	25650115	CHR6:25650115	SSF x LoA	-3,05199768	0,079	0,311
CHR6	25650245	CHR6:25650245	SSF x LoA	-10,7104676	0,068	0,305
CHR6	25650268	CHR6:25650268	SSF x LoA	-11,2460085	0,014	0,310
CHR6	25656643	CHR6:25656643	SSF x LoA	-9,99543145	0,022	0,308
CHR6	25658048	CHR6:25658048	SSF x LoA	-10,6586524	0,034	0,303
CHR6	25660631	CHR6:25660631	SSF x LoA	-7,46127863	0,121	0,304
CHR6	25664499	CHR6:25664499	SSF x LoA	-9,86422477	0,006	0,312
CHR6	25666216	CHR6:25666216	SSF x LoA	-6,93731812	0,038	0,317
CHR6	25666247	CHR6:25666247	SSF x LoA	-7,55337294	0,031	0,308
CHR6	25668632	CHR6:25668632	SSF x LoA	-11,8817879	0,015	0,296
CHR6	25668708	CHR6:25668708	SSF x LoA	-12,5012368	0,033	0,300
CHR6	25668714	CHR6:25668714	SSF x LoA	-8,63348448	-0,132	0,303
CHR6	25668722	CHR6:25668722	SSF x LoA	-8,55841166	-0,159	0,308
CHR6	25673112	CHR6:25673112	SSF x LoA	-9,63027024	0,122	0,302
CHR6	25673119	CHR6:25673119	SSF x LoA	-10,1239757	0,033	0,310
CHR6	25673792	CHR6:25673792	SSF x LoA	-9,97661084	0,012	0,304
CHR6	25673853	CHR6:25673853	SSF x LoA	-8,4417908	0,035	0,313
CHR6	25678043	CHR6:25678043	SSF x LoA	-8,98963055	-0,049	0,314
CHR6	25678052	CHR6:25678052	SSF x LoA	-7,8066762	0,030	0,311
CHR6	25678054	CHR6:25678054	SSF x LoA	-8,93228537	0,030	0,316
CHR6	25687427	CHR6:25687427	SSF x LoA	-7,20950682	0,016	0,301
CHR6	25687476	CHR6:25687476	SSF x LoA	-11,2376965	-0,029	0,316
CHR6	25687488	CHR6:25687488	SSF x LoA	-9,13203271	0,104	0,307
CHR6	25687516	CHR6:25687516	SSF x LoA	-10,3392099	-0,035	0,323
CHR6	25688874	CHR6:25688874	SSF x LoA	-6,1838464	0,117	0,314
CHR6	25694788	CHR6:25694788	SSF x LoA	-5,806246	0,019	0,306
CHR6	25694798	CHR6:25694798	SSF x LoA	-9,17258799	0,112	0,296
CHR6	25696920	CHR6:25696920	SSF x LoA	-8,34447149	-0,029	0,318
CHR6	25696936	CHR6:25696936	SSF x LoA	-9,24971986	-0,015	0,319
CHR6	25699436	CHR6:25699436	SSF x LoA	-8,41126246	0,055	0,317
CHR6	25699508	CHR6:25699508	SSF x LoA	-8,52751966	0,113	0,291
CHR6	25699525	CHR6:25699525	SSF x LoA	-8,17229453	-0,043	0,301
CHR6	25717086	CHR6:25717086	SSF x LoA	-5,28624409	-0,054	0,295
CHR6	25717915	CHR6:25717915	SSF x LoA	-9,8875353	-0,006	0,291
CHR6	25718669	CHR6:25718669	SSF x LoA	-7,12484511	-0,042	0,319
CHR6	25718814	CHR6:25718814	SSF x LoA	-9,31459791	0,013	0,313
CHR6	25723647	CHR6:25723647	SSF x LoA	-10,6310167	0,046	0,311
CHR6	25723766	CHR6:25723766	SSF x LoA	-10,5080242	0,058	0,306
CHR6	25731690	CHR6:25731690	SSF x LoA	-11,5933568	0,053	0,308
CHR6	25734687	CHR6:25734687	SSF x LoA	-9,70748732	0,008	0,305
CHR6	25737880	CHR6:25737880	SSF x LoA	-9,23024135	0,091	0,306
CHR6	25737886	CHR6:25737886	SSF x LoA	-8,59955517	0,066	0,313
CHR6	25737968	CHR6:25737968	SSF x LoA	-6,8683271	0,127	0,321
CHR6	25737979	CHR6:25737979	SSF x LoA	-7,98159678	0,064	0,313
CHR6	25738033	CHR6:25738033	SSF x LoA	-8,33989566	-0,022	0,296

CHR6	25738047	CHR6:25738047	SSF x LoA	-9,21339336	0,055	0,309
CHR6	25755445	CHR6:25755445	SSF x LoA	-9,82316379	-0,013	0,301
CHR6	25755780	CHR6:25755780	SSF x LoA	-8,98389457	-0,001	0,313
CHR6	2575964	CHR6:2575964	SSF x LoA	-10,5007074	0,034	0,312
CHR6	25764834	CHR6:25764834	SSF x LoA	-9,05698337	-0,071	0,289
CHR6	25765419	CHR6:25765419	SSF x LoA	-7,93310075	0,029	0,298
CHR6	25765471	CHR6:25765471	SSF x LoA	-8,17189695	0,018	0,297
CHR6	25765606	CHR6:25765606	SSF x LoA	-7,68919995	0,086	0,305
CHR6	25765609	CHR6:25765609	SSF x LoA	-4,13490525	-0,118	0,303
CHR6	25765669	CHR6:25765669	SSF x LoA	-8,71106947	0,009	0,303
CHR6	2577529	CHR6:2577529	SSF x LoA	-11,8375202	0,033	0,317
CHR6	2577616	CHR6:2577616	SSF x LoA	-11,8522813	0,048	0,307
CHR6	25778293	CHR6:25778293	SSF x LoA	-10,1835577	0,111	0,310
CHR6	25782706	CHR6:25782706	SSF x LoA	-8,73276331	0,069	0,312
CHR6	25782739	CHR6:25782739	SSF x LoA	-7,04311189	-0,074	0,299
CHR6	25782743	CHR6:25782743	SSF x LoA	-8,78737322	-0,028	0,317
CHR6	25793316	CHR6:25793316	SSF x LoA	-9,8399497	-0,082	0,311
CHR6	2580523	CHR6:2580523	SSF x LoA	-9,07675997	-0,089	0,303
CHR6	2580551	CHR6:2580551	SSF x LoA	-7,87507757	-0,069	0,305
CHR6	2580588	CHR6:2580588	SSF x LoA	-7,47244992	0,076	0,287
CHR6	2580620	CHR6:2580620	SSF x LoA	-8,62644565	0,053	0,293
CHR6	2580716	CHR6:2580716	SSF x LoA	-10,7856872	0,072	0,302
CHR6	25822187	CHR6:25822187	SSF x LoA	-11,2699814	0,018	0,305
CHR6	25822236	CHR6:25822236	SSF x LoA	-6,74159527	0,083	0,303
CHR6	25822265	CHR6:25822265	SSF x LoA	-10,7236172	0,007	0,310
CHR6	25824048	CHR6:25824048	SSF x LoA	-9,20693152	-0,138	0,292
CHR6	25826649	CHR6:25826649	SSF x LoA	-9,03813812	-0,027	0,303
CHR6	25827898	CHR6:25827898	SSF x LoA	-5,82896654	0,032	0,314
CHR6	2583421	CHR6:2583421	SSF x LoA	-3,06279445	-0,210	0,304
CHR6	2583427	CHR6:2583427	SSF x LoA	-10,8581684	0,061	0,320
CHR6	25834670	CHR6:25834670	SSF x LoA	-11,4299938	-0,012	0,316
CHR6	2583494	CHR6:2583494	SSF x LoA	-9,10539729	0,035	0,308
CHR6	25839088	CHR6:25839088	SSF x LoA	-10,8218793	0,001	0,301
CHR6	25846950	CHR6:25846950	SSF x LoA	-10,7931886	-0,021	0,312
CHR6	25857592	CHR6:25857592	SSF x LoA	-7,28213396	0,049	0,311
CHR6	25866765	CHR6:25866765	SSF x LoA	-9,94884428	0,090	0,308
CHR6	259065	CHR6:259065	SSF x LoA	-9,19153626	0,133	0,292
CHR6	259072	CHR6:259072	SSF x LoA	-11,6223009	-0,006	0,310
CHR6	259133	CHR6:259133	SSF x LoA	-8,63070139	-0,041	0,311
CHR6	25914557	CHR6:25914557	SSF x LoA	-8,17396083	-0,106	0,304
CHR6	25915180	CHR6:25915180	SSF x LoA	-8,67712015	0,056	0,302
CHR6	25919169	CHR6:25919169	SSF x LoA	-10,8414811	0,039	0,302
CHR6	25919314	CHR6:25919314	SSF x LoA	-10,224691	-0,069	0,309
CHR6	259199	CHR6:259199	SSF x LoA	-6,19085315	0,190	0,296
CHR6	25922217	CHR6:25922217	SSF x LoA	-9,190727	-0,059	0,316
CHR6	25922276	CHR6:25922276	SSF x LoA	-10,5178353	-0,026	0,316
CHR6	25922323	CHR6:25922323	SSF x LoA	-9,44012689	0,103	0,305
CHR6	25925305	CHR6:25925305	SSF x LoA	-9,03612321	-0,026	0,316
CHR6	25932327	CHR6:25932327	SSF x LoA	-0,98627391	-0,138	0,297
CHR6	25932330	CHR6:25932330	SSF x LoA	-3,50166815	-0,157	0,306
CHR6	25932331	CHR6:25932331	SSF x LoA	-7,9307935	-0,139	0,302
CHR6	25932376	CHR6:25932376	SSF x LoA	-7,46706187	-0,184	0,301
CHR6	25932489	CHR6:25932489	SSF x LoA	-10,0408223	-0,122	0,296

CHR6	2593316	CHR6:2593316	SSF x LoA	-10,2125978	-0,063	0,306
CHR6	25941006	CHR6:25941006	SSF x LoA	-12,0886532	-0,034	0,308
CHR6	25941122	CHR6:25941122	SSF x LoA	-8,97555076	0,028	0,315
CHR6	25941163	CHR6:25941163	SSF x LoA	-7,16748113	-0,092	0,314
CHR6	25941178	CHR6:25941178	SSF x LoA	-9,74804967	0,042	0,303
CHR6	25941202	CHR6:25941202	SSF x LoA	-7,81469571	-0,044	0,309
CHR6	25941226	CHR6:25941226	SSF x LoA	-8,75032072	-0,061	0,308
CHR6	2594267	CHR6:2594267	SSF x LoA	-9,41672247	0,001	0,312
CHR6	25942871	CHR6:25942871	SSF x LoA	-11,2885657	0,045	0,314
CHR6	25942890	CHR6:25942890	SSF x LoA	-10,6165366	0,060	0,310
CHR6	25942907	CHR6:25942907	SSF x LoA	-10,9028473	-0,018	0,309
CHR6	2594333	CHR6:2594333	SSF x LoA	-10,0698336	-0,073	0,297
CHR6	2594365	CHR6:2594365	SSF x LoA	-9,26603631	0,023	0,309
CHR6	2594381	CHR6:2594381	SSF x LoA	-7,12951373	0,048	0,315
CHR6	25950387	CHR6:25950387	SSF x LoA	-10,2783046	0,007	0,297
CHR6	25951067	CHR6:25951067	SSF x LoA	-6,52111344	-0,067	0,302
CHR6	25951068	CHR6:25951068	SSF x LoA	-10,3266184	-0,037	0,303
CHR6	25951085	CHR6:25951085	SSF x LoA	-10,8684125	-0,025	0,323
CHR6	25951103	CHR6:25951103	SSF x LoA	-8,19434537	0,076	0,315
CHR6	25951139	CHR6:25951139	SSF x LoA	-10,2791468	-0,035	0,316
CHR6	25955701	CHR6:25955701	SSF x LoA	-12,4605352	-0,004	0,298
CHR6	25957631	CHR6:25957631	SSF x LoA	-11,0727744	-0,008	0,300
CHR6	25957747	CHR6:25957747	SSF x LoA	-5,41146895	0,214	0,295
CHR6	25957754	CHR6:25957754	SSF x LoA	-6,35043097	-0,125	0,304
CHR6	2596354	CHR6:2596354	SSF x LoA	-7,70020824	-0,103	0,314
CHR6	25972542	CHR6:25972542	SSF x LoA	-4,21571423	0,039	0,315
CHR6	25976704	CHR6:25976704	SSF x LoA	-10,0462633	-0,008	0,313
CHR6	25976777	CHR6:25976777	SSF x LoA	-8,13276149	0,122	0,317
CHR6	25976824	CHR6:25976824	SSF x LoA	-7,70583377	0,107	0,312
CHR6	25976826	CHR6:25976826	SSF x LoA	-7,32589585	0,103	0,315
CHR6	25980525	CHR6:25980525	SSF x LoA	-11,3059461	0,021	0,312
CHR6	25980761	CHR6:25980761	SSF x LoA	-9,62202416	0,012	0,313
CHR6	25992969	CHR6:25992969	SSF x LoA	-8,06243521	0,027	0,299
CHR6	25994818	CHR6:25994818	SSF x LoA	1,22789289	0,209	0,297
CHR6	25998143	CHR6:25998143	SSF x LoA	-9,77706439	0,035	0,308
CHR6	25998183	CHR6:25998183	SSF x LoA	-7,85333733	-0,009	0,297
CHR6	25998204	CHR6:25998204	SSF x LoA	-10,6613519	0,013	0,300
CHR6	25998245	CHR6:25998245	SSF x LoA	-9,5399206	0,083	0,316
CHR6	25998256	CHR6:25998256	SSF x LoA	-9,32460042	0,011	0,294
CHR6	25999680	CHR6:25999680	SSF x LoA	-2,84751395	0,098	0,306
CHR6	26002600	CHR6:26002600	SSF x LoA	-10,4681306	-0,163	0,301
CHR6	26002601	CHR6:26002601	SSF x LoA	-9,89966513	-0,132	0,310
CHR6	26002774	CHR6:26002774	SSF x LoA	-3,49272455	0,089	0,308
CHR6	26005788	CHR6:26005788	SSF x LoA	-8,73718166	-0,117	0,316
CHR6	26005836	CHR6:26005836	SSF x LoA	-7,53595157	-0,044	0,316
CHR6	26008472	CHR6:26008472	SSF x LoA	-10,4417866	0,004	0,299
CHR6	26008580	CHR6:26008580	SSF x LoA	-9,19934946	-0,022	0,311
CHR6	26011051	CHR6:26011051	SSF x LoA	-9,05356289	-0,023	0,308
CHR6	26036918	CHR6:26036918	SSF x LoA	-9,0079176	0,058	0,311
CHR6	26036942	CHR6:26036942	SSF x LoA	-9,12467958	0,046	0,303
CHR6	26036972	CHR6:26036972	SSF x LoA	-8,75603633	0,034	0,317
CHR6	26036983	CHR6:26036983	SSF x LoA	-9,69589842	0,020	0,317
CHR6	26036985	CHR6:26036985	SSF x LoA	-10,1438116	-0,001	0,308

CHR6	26043115	CHR6:26043115	SSF x LoA	-0,00252578	0,130	0,306
CHR6	26052583	CHR6:26052583	SSF x LoA	-9,49527422	0,063	0,301
CHR6	26071632	CHR6:26071632	SSF x LoA	-11,171761	0,063	0,310
CHR6	26071664	CHR6:26071664	SSF x LoA	-9,43787525	0,046	0,310
CHR6	26071684	CHR6:26071684	SSF x LoA	-8,76380882	0,075	0,301
CHR6	26071733	CHR6:26071733	SSF x LoA	-7,93886471	-0,145	0,291
CHR6	26071787	CHR6:26071787	SSF x LoA	-9,60605757	0,022	0,304
CHR6	26071806	CHR6:26071806	SSF x LoA	-8,86693674	0,088	0,305
CHR6	26071815	CHR6:26071815	SSF x LoA	-10,3224974	0,054	0,304
CHR6	26071827	CHR6:26071827	SSF x LoA	-7,96934131	0,122	0,318
CHR6	26073380	CHR6:26073380	SSF x LoA	-9,75736641	-0,137	0,293
CHR6	26078481	CHR6:26078481	SSF x LoA	-9,66327969	0,008	0,312
CHR6	26078534	CHR6:26078534	SSF x LoA	-8,72835238	-0,022	0,294
CHR6	26078569	CHR6:26078569	SSF x LoA	-9,36597222	0,060	0,322
CHR6	26078602	CHR6:26078602	SSF x LoA	-8,1607857	0,073	0,325
CHR6	26078616	CHR6:26078616	SSF x LoA	-9,19827234	-0,005	0,295
CHR6	26078624	CHR6:26078624	SSF x LoA	-7,46870685	0,011	0,302
CHR6	26081125	CHR6:26081125	SSF x LoA	-9,40241911	0,048	0,302
CHR6	26081178	CHR6:26081178	SSF x LoA	-10,4920679	-0,035	0,309
CHR6	26085594	CHR6:26085594	SSF x LoA	-7,43594386	-0,100	0,309
CHR6	26085595	CHR6:26085595	SSF x LoA	-7,20861519	-0,111	0,296
CHR6	26085596	CHR6:26085596	SSF x LoA	-8,78689848	-0,115	0,300
CHR6	26085667	CHR6:26085667	SSF x LoA	-11,8949628	0,062	0,295
CHR6	26091190	CHR6:26091190	SSF x LoA	-7,81063736	0,116	0,296
CHR6	26091323	CHR6:26091323	SSF x LoA	-9,69063728	-0,057	0,306
CHR6	26091403	CHR6:26091403	SSF x LoA	-9,21269734	-0,011	0,313
CHR6	26094493	CHR6:26094493	SSF x LoA	-9,69667437	-0,004	0,301
CHR6	26099295	CHR6:26099295	SSF x LoA	-11,2898358	-0,026	0,314
CHR6	26099515	CHR6:26099515	SSF x LoA	-10,1213008	0,026	0,331
CHR6	26103282	CHR6:26103282	SSF x LoA	-10,1111551	0,046	0,308
CHR6	26103327	CHR6:26103327	SSF x LoA	-9,17322406	0,132	0,299
CHR6	26103342	CHR6:26103342	SSF x LoA	-7,21620647	0,161	0,311
CHR6	26103462	CHR6:26103462	SSF x LoA	-6,0741177	-0,126	0,303
CHR6	26103474	CHR6:26103474	SSF x LoA	-8,12541221	-0,075	0,313
CHR6	26106240	CHR6:26106240	SSF x LoA	-10,4430867	0,076	0,297
CHR6	26121754	CHR6:26121754	SSF x LoA	-11,1699464	-0,025	0,298
CHR6	26121834	CHR6:26121834	SSF x LoA	-9,86200788	0,076	0,305
CHR6	26123528	CHR6:26123528	SSF x LoA	-7,93114057	-0,026	0,308
CHR6	26125748	CHR6:26125748	SSF x LoA	-11,8012252	0,053	0,299
CHR6	26132818	CHR6:26132818	SSF x LoA	-8,79080955	-0,012	0,312
CHR6	26132819	CHR6:26132819	SSF x LoA	-10,0744221	0,040	0,302
CHR6	26132827	CHR6:26132827	SSF x LoA	-8,36116131	0,078	0,302
CHR6	26134984	CHR6:26134984	SSF x LoA	-9,37054735	-0,078	0,306
CHR6	26150215	CHR6:26150215	SSF x LoA	-11,6167354	0,037	0,298
CHR6	26156794	CHR6:26156794	SSF x LoA	-11,3042696	-0,004	0,306
CHR6	26156881	CHR6:26156881	SSF x LoA	-9,12162551	0,055	0,318
CHR6	26157097	CHR6:26157097	SSF x LoA	-9,82004123	-0,139	0,302
CHR6	26157099	CHR6:26157099	SSF x LoA	-10,3093164	-0,144	0,308
CHR6	26158831	CHR6:26158831	SSF x LoA	-10,2929315	-0,006	0,305
CHR6	26158861	CHR6:26158861	SSF x LoA	-7,12656268	0,189	0,299
CHR6	26161384	CHR6:26161384	SSF x LoA	-10,9427358	0,047	0,309
CHR6	26161391	CHR6:26161391	SSF x LoA	-10,7849994	0,037	0,323
CHR6	26161397	CHR6:26161397	SSF x LoA	-7,25387546	0,122	0,307

CHR6	26161404	CHR6:26161404	SSF x LoA	-9,72379265	0,042	0,300
CHR6	26162801	CHR6:26162801	SSF x LoA	-11,577701	0,015	0,310
CHR6	26165933	CHR6:26165933	SSF x LoA	-9,0224961	0,110	0,299
CHR6	26165967	CHR6:26165967	SSF x LoA	-8,865007	0,027	0,301
CHR6	26166018	CHR6:26166018	SSF x LoA	-8,96259632	-0,037	0,314
CHR6	26166047	CHR6:26166047	SSF x LoA	-10,3863468	-0,021	0,308
CHR6	26166073	CHR6:26166073	SSF x LoA	-9,13855525	-0,025	0,328
CHR6	26166075	CHR6:26166075	SSF x LoA	-8,48304702	-0,014	0,310
CHR6	26166077	CHR6:26166077	SSF x LoA	-7,22956491	-0,101	0,307
CHR6	26166122	CHR6:26166122	SSF x LoA	-8,58963298	0,006	0,318
CHR6	26166124	CHR6:26166124	SSF x LoA	-9,65304506	0,098	0,296
CHR6	26166143	CHR6:26166143	SSF x LoA	-9,00667603	0,115	0,307
CHR6	26171941	CHR6:26171941	SSF x LoA	-5,86558172	-0,119	0,305
CHR6	26175481	CHR6:26175481	SSF x LoA	-9,35959405	0,006	0,306
CHR6	26192631	CHR6:26192631	SSF x LoA	-9,19148485	-0,040	0,316
CHR6	26192843	CHR6:26192843	SSF x LoA	-8,76191841	-0,034	0,321
CHR6	26192874	CHR6:26192874	SSF x LoA	-9,37740931	-0,150	0,296
CHR6	26200421	CHR6:26200421	SSF x LoA	-11,2926088	-0,009	0,303
CHR6	26200424	CHR6:26200424	SSF x LoA	-10,3200376	-0,001	0,311
CHR6	26200492	CHR6:26200492	SSF x LoA	-10,748476	0,040	0,306
CHR6	26200512	CHR6:26200512	SSF x LoA	-8,62939722	0,065	0,298
CHR6	26200537	CHR6:26200537	SSF x LoA	-9,65239349	0,066	0,295
CHR6	26208336	CHR6:26208336	SSF x LoA	-9,60959196	-0,066	0,301
CHR6	26208376	CHR6:26208376	SSF x LoA	-11,2933167	0,012	0,308
CHR6	26217640	CHR6:26217640	SSF x LoA	-7,85737794	-0,082	0,309
CHR6	26217668	CHR6:26217668	SSF x LoA	-12,2652131	0,027	0,311
CHR6	26218213	CHR6:26218213	SSF x LoA	-7,7913745	-0,070	0,319
CHR6	26218216	CHR6:26218216	SSF x LoA	-9,20054595	0,077	0,316
CHR6	26218230	CHR6:26218230	SSF x LoA	-9,51647268	-0,029	0,302
CHR6	26218258	CHR6:26218258	SSF x LoA	-8,34450411	-0,085	0,306
CHR6	26232203	CHR6:26232203	SSF x LoA	-8,13500582	0,067	0,321
CHR6	26232303	CHR6:26232303	SSF x LoA	-10,3059457	0,003	0,306
CHR6	26238657	CHR6:26238657	SSF x LoA	-10,0133903	-0,045	0,309
CHR6	26238669	CHR6:26238669	SSF x LoA	-10,4887481	-0,048	0,312
CHR6	26247122	CHR6:26247122	SSF x LoA	-9,366237	-0,087	0,307
CHR6	26247127	CHR6:26247127	SSF x LoA	-7,43286387	-0,024	0,309
CHR6	26247137	CHR6:26247137	SSF x LoA	-8,53625845	-0,046	0,307
CHR6	26247152	CHR6:26247152	SSF x LoA	-6,87901478	-0,117	0,296
CHR6	26247173	CHR6:26247173	SSF x LoA	-8,03946428	0,120	0,312
CHR6	2624728	CHR6:2624728	SSF x LoA	-7,50108335	-0,095	0,302
CHR6	26261718	CHR6:26261718	SSF x LoA	-10,2659637	0,080	0,302
CHR6	26261835	CHR6:26261835	SSF x LoA	-7,92240234	0,075	0,296
CHR6	26261863	CHR6:26261863	SSF x LoA	-10,8505033	-0,047	0,313
CHR6	26265585	CHR6:26265585	SSF x LoA	-8,59820221	0,087	0,294
CHR6	26276680	CHR6:26276680	SSF x LoA	-11,5197841	-0,044	0,301
CHR6	26276724	CHR6:26276724	SSF x LoA	-8,65413213	-0,109	0,309
CHR6	26276757	CHR6:26276757	SSF x LoA	-8,77508921	-0,027	0,310
CHR6	26281742	CHR6:26281742	SSF x LoA	-11,6477667	-0,016	0,301
CHR6	26283656	CHR6:26283656	SSF x LoA	-9,676903	-0,016	0,312
CHR6	26283722	CHR6:26283722	SSF x LoA	-5,80473927	-0,162	0,292
CHR6	26283857	CHR6:26283857	SSF x LoA	-8,53872674	0,049	0,312
CHR6	26283887	CHR6:26283887	SSF x LoA	-9,58366763	-0,040	0,292
CHR6	26285531	CHR6:26285531	SSF x LoA	-8,42987137	-0,040	0,295

CHR6	26292446	CHR6:26292446	SSF x LoA	-8,33284401	-0,062	0,320
CHR6	26292533	CHR6:26292533	SSF x LoA	-6,76435742	-0,035	0,313
CHR6	26292576	CHR6:26292576	SSF x LoA	-10,4641368	0,079	0,312
CHR6	26292707	CHR6:26292707	SSF x LoA	-9,05290148	0,013	0,301
CHR6	26292713	CHR6:26292713	SSF x LoA	-10,8628048	-0,076	0,309
CHR6	2629308	CHR6:2629308	SSF x LoA	-10,1999125	-0,002	0,303
CHR6	2629475	CHR6:2629475	SSF x LoA	-8,52377021	0,080	0,319
CHR6	26319333	CHR6:26319333	SSF x LoA	-8,59085402	0,089	0,316
CHR6	26319338	CHR6:26319338	SSF x LoA	-12,0107404	0,016	0,307
CHR6	2631943	CHR6:2631943	SSF x LoA	-8,6084881	-0,095	0,307
CHR6	2632036	CHR6:2632036	SSF x LoA	-10,5454032	-0,145	0,294
CHR6	2632147	CHR6:2632147	SSF x LoA	-6,60808815	0,199	0,295
CHR6	2632185	CHR6:2632185	SSF x LoA	-5,08914922	-0,218	0,297
CHR6	26327494	CHR6:26327494	SSF x LoA	-8,7976353	-0,106	0,302
CHR6	26327501	CHR6:26327501	SSF x LoA	-5,42473437	0,093	0,290
CHR6	26328436	CHR6:26328436	SSF x LoA	-7,57451736	-0,194	0,305
CHR6	26328540	CHR6:26328540	SSF x LoA	-11,1935503	0,096	0,310
CHR6	26328544	CHR6:26328544	SSF x LoA	-9,54471637	0,072	0,298
CHR6	26335635	CHR6:26335635	SSF x LoA	-11,4274084	0,006	0,307
CHR6	26344913	CHR6:26344913	SSF x LoA	-5,71000248	-0,001	0,312
CHR6	26355791	CHR6:26355791	SSF x LoA	-11,229585	-0,050	0,296
CHR6	26355899	CHR6:26355899	SSF x LoA	-10,209403	0,051	0,308
CHR6	26355965	CHR6:26355965	SSF x LoA	-10,7060311	0,063	0,302
CHR6	26364286	CHR6:26364286	SSF x LoA	-10,5371329	-0,053	0,307
CHR6	26366866	CHR6:26366866	SSF x LoA	-8,6132176	-0,070	0,290
CHR6	26370885	CHR6:26370885	SSF x LoA	-6,56831543	-0,131	0,306
CHR6	26370889	CHR6:26370889	SSF x LoA	-6,80779611	-0,107	0,308
CHR6	2637532	CHR6:2637532	SSF x LoA	-8,45757532	0,046	0,306
CHR6	2637569	CHR6:2637569	SSF x LoA	-8,49828603	0,041	0,311
CHR6	2637597	CHR6:2637597	SSF x LoA	-10,033502	0,019	0,302
CHR6	2637610	CHR6:2637610	SSF x LoA	-6,94786611	0,001	0,320
CHR6	2637615	CHR6:2637615	SSF x LoA	-10,7492184	-0,047	0,296
CHR6	2637655	CHR6:2637655	SSF x LoA	-10,9032957	-0,106	0,288
CHR6	2637656	CHR6:2637656	SSF x LoA	-10,8891407	-0,076	0,294
CHR6	2637703	CHR6:2637703	SSF x LoA	-8,11519889	0,090	0,295
CHR6	26377207	CHR6:26377207	SSF x LoA	-10,8589728	0,062	0,290
CHR6	26377215	CHR6:26377215	SSF x LoA	-7,19780564	-0,096	0,297
CHR6	26377282	CHR6:26377282	SSF x LoA	-8,14413965	0,206	0,301
CHR6	26377301	CHR6:26377301	SSF x LoA	-9,98818551	0,044	0,317
CHR6	26377341	CHR6:26377341	SSF x LoA	-7,53786299	0,166	0,307
CHR6	26388553	CHR6:26388553	SSF x LoA	-10,4952947	0,125	0,303
CHR6	26388654	CHR6:26388654	SSF x LoA	-11,8143243	-0,064	0,301
CHR6	2639226	CHR6:2639226	SSF x LoA	-11,0731159	0,004	0,307
CHR6	26393193	CHR6:26393193	SSF x LoA	-11,3438764	0,070	0,302
CHR6	26393292	CHR6:26393292	SSF x LoA	-7,68353056	-0,056	0,314
CHR6	26393338	CHR6:26393338	SSF x LoA	-7,29543189	0,059	0,316
CHR6	26393381	CHR6:26393381	SSF x LoA	-9,22168245	0,053	0,306
CHR6	2639342	CHR6:2639342	SSF x LoA	-6,16947852	-0,041	0,312
CHR6	2639358	CHR6:2639358	SSF x LoA	-7,06136659	-0,051	0,321
CHR6	26399742	CHR6:26399742	SSF x LoA	-8,16267673	-0,128	0,302
CHR6	26399795	CHR6:26399795	SSF x LoA	-4,8157558	-0,161	0,303
CHR6	26399813	CHR6:26399813	SSF x LoA	-9,92788727	-0,098	0,303
CHR6	26407821	CHR6:26407821	SSF x LoA	-9,22072544	-0,033	0,304

CHR6	26407946	CHR6:26407946	SSF x LoA	-8,16757081	0,167	0,303
CHR6	26416492	CHR6:26416492	SSF x LoA	-9,54820217	0,048	0,323
CHR6	26416714	CHR6:26416714	SSF x LoA	-10,1087483	0,014	0,311
CHR6	26416732	CHR6:26416732	SSF x LoA	-9,10930134	-0,073	0,294
CHR6	26416740	CHR6:26416740	SSF x LoA	3,4870729	-0,030	0,310
CHR6	26417807	CHR6:26417807	SSF x LoA	-11,6709082	-0,051	0,304
CHR6	26422806	CHR6:26422806	SSF x LoA	-10,5038076	-0,068	0,306
CHR6	26422814	CHR6:26422814	SSF x LoA	-10,5126646	-0,057	0,325
CHR6	26422822	CHR6:26422822	SSF x LoA	-6,6435902	-0,142	0,308
CHR6	26427172	CHR6:26427172	SSF x LoA	-9,28278316	-0,070	0,301
CHR6	26436467	CHR6:26436467	SSF x LoA	-11,7695132	0,035	0,305
CHR6	26436476	CHR6:26436476	SSF x LoA	-10,0733655	-0,111	0,298
CHR6	26436554	CHR6:26436554	SSF x LoA	-10,0978266	0,072	0,310
CHR6	26439670	CHR6:26439670	SSF x LoA	-5,482965	-0,033	0,303
CHR6	26447239	CHR6:26447239	SSF x LoA	-9,86807764	-0,120	0,305
CHR6	26450457	CHR6:26450457	SSF x LoA	-10,5464028	0,122	0,302
CHR6	26450467	CHR6:26450467	SSF x LoA	-9,87095959	0,040	0,306
CHR6	26450469	CHR6:26450469	SSF x LoA	-8,84481008	0,115	0,310
CHR6	26454225	CHR6:26454225	SSF x LoA	-8,86926678	0,093	0,301
CHR6	26454366	CHR6:26454366	SSF x LoA	-6,02890789	-0,065	0,304
CHR6	26459862	CHR6:26459862	SSF x LoA	-9,77602231	-0,011	0,314
CHR6	26460175	CHR6:26460175	SSF x LoA	-10,2999857	-0,013	0,301
CHR6	2646238	CHR6:2646238	SSF x LoA	-8,96821068	-0,042	0,305
CHR6	2646403	CHR6:2646403	SSF x LoA	-9,18806496	-0,065	0,314
CHR6	26464646	CHR6:26464646	SSF x LoA	-7,17041115	0,198	0,297
CHR6	26464671	CHR6:26464671	SSF x LoA	-10,3266326	-0,120	0,313
CHR6	26464676	CHR6:26464676	SSF x LoA	-3,96694476	0,208	0,298
CHR6	26472207	CHR6:26472207	SSF x LoA	-5,53147151	-0,147	0,309
CHR6	26472306	CHR6:26472306	SSF x LoA	-7,78131218	-0,189	0,293
CHR6	26472345	CHR6:26472345	SSF x LoA	-6,6319943	0,154	0,308
CHR6	26486214	CHR6:26486214	SSF x LoA	-9,04256369	-0,009	0,305
CHR6	26486217	CHR6:26486217	SSF x LoA	-9,36631013	0,063	0,316
CHR6	26486322	CHR6:26486322	SSF x LoA	-10,5605548	0,072	0,315
CHR6	26486330	CHR6:26486330	SSF x LoA	-11,6569475	0,057	0,309
CHR6	26486384	CHR6:26486384	SSF x LoA	-10,5373794	0,047	0,308
CHR6	26486497	CHR6:26486497	SSF x LoA	-5,14877556	0,174	0,300
CHR6	26490587	CHR6:26490587	SSF x LoA	-8,37025181	-0,051	0,300
CHR6	26491829	CHR6:26491829	SSF x LoA	-11,476464	-0,064	0,319
CHR6	26491882	CHR6:26491882	SSF x LoA	-8,83284971	0,042	0,298
CHR6	26491941	CHR6:26491941	SSF x LoA	-10,1927079	-0,003	0,314
CHR6	26501399	CHR6:26501399	SSF x LoA	-7,89512609	-0,035	0,310
CHR6	26519584	CHR6:26519584	SSF x LoA	-10,2831377	0,058	0,310
CHR6	26519688	CHR6:26519688	SSF x LoA	-7,45510553	0,054	0,317
CHR6	26519828	CHR6:26519828	SSF x LoA	-9,33209139	-0,070	0,310
CHR6	26524165	CHR6:26524165	SSF x LoA	-10,8917212	0,099	0,302
CHR6	26524191	CHR6:26524191	SSF x LoA	-8,87296677	0,129	0,297
CHR6	26524209	CHR6:26524209	SSF x LoA	-9,21475468	-0,076	0,307
CHR6	26524212	CHR6:26524212	SSF x LoA	-8,4172067	-0,088	0,327
CHR6	26524235	CHR6:26524235	SSF x LoA	-8,01835561	-0,088	0,314
CHR6	26534321	CHR6:26534321	SSF x LoA	-10,0421224	0,081	0,295
CHR6	26534338	CHR6:26534338	SSF x LoA	-9,20580545	0,020	0,307
CHR6	26535679	CHR6:26535679	SSF x LoA	-9,49394043	-0,175	0,299
CHR6	26545485	CHR6:26545485	SSF x LoA	-9,79074862	-0,094	0,297

CHR6	26560401	CHR6:26560401	SSF x LoA	-8,76696253	-0,012	0,316
CHR6	26560408	CHR6:26560408	SSF x LoA	-10,0167532	-0,056	0,297
CHR6	26560410	CHR6:26560410	SSF x LoA	-8,09561483	0,040	0,313
CHR6	26560459	CHR6:26560459	SSF x LoA	-7,69150862	0,085	0,301
CHR6	26560472	CHR6:26560472	SSF x LoA	-9,23793015	0,087	0,312
CHR6	26560488	CHR6:26560488	SSF x LoA	-10,6047005	0,062	0,296
CHR6	26560499	CHR6:26560499	SSF x LoA	-8,13548923	0,042	0,314
CHR6	26560527	CHR6:26560527	SSF x LoA	-1,24382819	0,075	0,319
CHR6	26561991	CHR6:26561991	SSF x LoA	-9,40005201	-0,030	0,315
CHR6	26562014	CHR6:26562014	SSF x LoA	-5,10072929	-0,161	0,285
CHR6	26562024	CHR6:26562024	SSF x LoA	-11,7051289	-0,026	0,300
CHR6	26568147	CHR6:26568147	SSF x LoA	-9,44299455	0,034	0,306
CHR6	26576776	CHR6:26576776	SSF x LoA	-6,67291889	0,010	0,302
CHR6	26576843	CHR6:26576843	SSF x LoA	-8,41966757	-0,027	0,315
CHR6	26583063	CHR6:26583063	SSF x LoA	-9,28162368	-0,102	0,300
CHR6	26583150	CHR6:26583150	SSF x LoA	-10,0267324	-0,073	0,307
CHR6	26583284	CHR6:26583284	SSF x LoA	-9,77716991	0,080	0,302
CHR6	26583286	CHR6:26583286	SSF x LoA	-9,67295813	0,043	0,313
CHR6	26583308	CHR6:26583308	SSF x LoA	-9,07416417	-0,021	0,308
CHR6	26595366	CHR6:26595366	SSF x LoA	-10,7513597	0,007	0,322
CHR6	26595388	CHR6:26595388	SSF x LoA	-9,31973838	0,043	0,303
CHR6	26595392	CHR6:26595392	SSF x LoA	-1,84560896	0,021	0,313
CHR6	26595772	CHR6:26595772	SSF x LoA	-10,3813652	-0,043	0,317
CHR6	26595836	CHR6:26595836	SSF x LoA	-8,38425313	-0,021	0,320
CHR6	26595846	CHR6:26595846	SSF x LoA	-9,35282659	0,093	0,301
CHR6	26596523	CHR6:26596523	SSF x LoA	-5,57313158	-0,135	0,301
CHR6	26596545	CHR6:26596545	SSF x LoA	-10,3373116	0,143	0,302
CHR6	26596546	CHR6:26596546	SSF x LoA	-10,2298104	-0,098	0,294
CHR6	26596591	CHR6:26596591	SSF x LoA	-10,1770939	0,035	0,302
CHR6	26596612	CHR6:26596612	SSF x LoA	-9,12210727	0,060	0,309
CHR6	26600287	CHR6:26600287	SSF x LoA	-5,1897618	0,183	0,301
CHR6	26600370	CHR6:26600370	SSF x LoA	-3,66858317	-0,190	0,304
CHR6	26600444	CHR6:26600444	SSF x LoA	-7,49168924	-0,180	0,302
CHR6	26607329	CHR6:26607329	SSF x LoA	-6,35816401	0,141	0,301
CHR6	26607337	CHR6:26607337	SSF x LoA	-11,5342192	-0,033	0,327
CHR6	26607409	CHR6:26607409	SSF x LoA	-9,4365442	0,002	0,282
CHR6	26619122	CHR6:26619122	SSF x LoA	-9,26789823	-0,058	0,306
CHR6	26620147	CHR6:26620147	SSF x LoA	-8,7664453	0,007	0,308
CHR6	26620178	CHR6:26620178	SSF x LoA	-11,0867961	-0,028	0,314
CHR6	26620226	CHR6:26620226	SSF x LoA	-9,18052714	-0,100	0,304
CHR6	26620324	CHR6:26620324	SSF x LoA	-10,9302419	0,093	0,311
CHR6	26624168	CHR6:26624168	SSF x LoA	-11,1627073	0,036	0,305
CHR6	26624185	CHR6:26624185	SSF x LoA	-9,52554454	-0,042	0,300
CHR6	26624272	CHR6:26624272	SSF x LoA	-12,4020159	-0,036	0,303
CHR6	26624388	CHR6:26624388	SSF x LoA	-9,33636041	0,108	0,291
CHR6	26624450	CHR6:26624450	SSF x LoA	-10,7199721	0,059	0,298
CHR6	26629619	CHR6:26629619	SSF x LoA	-8,36676304	0,093	0,315
CHR6	26629718	CHR6:26629718	SSF x LoA	-11,733823	0,000	0,305
CHR6	26630948	CHR6:26630948	SSF x LoA	-8,59524115	-0,014	0,307
CHR6	26630966	CHR6:26630966	SSF x LoA	-6,31944255	0,118	0,313
CHR6	26631004	CHR6:26631004	SSF x LoA	-8,31866868	-0,075	0,305
CHR6	26631017	CHR6:26631017	SSF x LoA	-9,42328802	-0,005	0,304
CHR6	26635212	CHR6:26635212	SSF x LoA	-11,3376235	0,027	0,310

CHR6	26635217	CHR6:26635217	SSF x LoA	-9,79388752	-0,092	0,300
CHR6	26636042	CHR6:26636042	SSF x LoA	-1,19021272	-0,150	0,310
CHR6	26636043	CHR6:26636043	SSF x LoA	-10,4613518	0,103	0,306
CHR6	26636144	CHR6:26636144	SSF x LoA	-10,3001474	-0,120	0,278
CHR6	26636191	CHR6:26636191	SSF x LoA	-9,60300564	-0,170	0,287
CHR6	26645463	CHR6:26645463	SSF x LoA	-10,0832862	0,023	0,308
CHR6	26645470	CHR6:26645470	SSF x LoA	-7,16350919	-0,041	0,307
CHR6	26645500	CHR6:26645500	SSF x LoA	-10,1322714	-0,034	0,310
CHR6	26645532	CHR6:26645532	SSF x LoA	-10,6801068	-0,092	0,296
CHR6	26645547	CHR6:26645547	SSF x LoA	-7,39848616	-0,065	0,307
CHR6	26645675	CHR6:26645675	SSF x LoA	-9,51371102	0,044	0,306
CHR6	26647528	CHR6:26647528	SSF x LoA	-10,8514438	-0,026	0,312
CHR6	2665709	CHR6:2665709	SSF x LoA	-10,718027	0,026	0,307
CHR6	2665737	CHR6:2665737	SSF x LoA	-4,79266155	0,255	0,283
CHR6	2665761	CHR6:2665761	SSF x LoA	-8,50552375	0,140	0,298
CHR6	2665766	CHR6:2665766	SSF x LoA	-9,35247209	0,151	0,295
CHR6	26659838	CHR6:26659838	SSF x LoA	-9,18795696	-0,026	0,307
CHR6	26659910	CHR6:26659910	SSF x LoA	-9,15859831	0,032	0,321
CHR6	26660076	CHR6:26660076	SSF x LoA	-9,23761505	0,063	0,301
CHR6	26663542	CHR6:26663542	SSF x LoA	-7,92556259	-0,158	0,289
CHR6	26673172	CHR6:26673172	SSF x LoA	-11,9665383	-0,035	0,311
CHR6	26682082	CHR6:26682082	SSF x LoA	-6,25053782	-0,013	0,325
CHR6	26694766	CHR6:26694766	SSF x LoA	-6,58907832	0,084	0,313
CHR6	26694773	CHR6:26694773	SSF x LoA	-9,60961926	-0,017	0,301
CHR6	26694802	CHR6:26694802	SSF x LoA	-9,46033762	0,065	0,299
CHR6	26694857	CHR6:26694857	SSF x LoA	-9,50726954	-0,021	0,291
CHR6	26698237	CHR6:26698237	SSF x LoA	-10,1289784	-0,057	0,326
CHR6	26698365	CHR6:26698365	SSF x LoA	-11,9615703	-0,020	0,300
CHR6	26701849	CHR6:26701849	SSF x LoA	-8,80931754	-0,143	0,297
CHR6	26709824	CHR6:26709824	SSF x LoA	-3,45626341	0,091	0,305
CHR6	26710016	CHR6:26710016	SSF x LoA	-10,9759125	-0,058	0,315
CHR6	26716303	CHR6:26716303	SSF x LoA	-8,07242162	0,135	0,308
CHR6	26716433	CHR6:26716433	SSF x LoA	-6,30984197	-0,146	0,312
CHR6	26716459	CHR6:26716459	SSF x LoA	-10,0074737	-0,097	0,312
CHR6	26716493	CHR6:26716493	SSF x LoA	-8,09580447	-0,119	0,303
CHR6	2671707	CHR6:2671707	SSF x LoA	-9,9230734	-0,008	0,306
CHR6	2671708	CHR6:2671708	SSF x LoA	-8,5141576	-0,023	0,309
CHR6	2671716	CHR6:2671716	SSF x LoA	-10,0482211	-0,027	0,316
CHR6	2671755	CHR6:2671755	SSF x LoA	-10,0691472	0,135	0,313
CHR6	2671760	CHR6:2671760	SSF x LoA	-10,3895701	0,026	0,299
CHR6	26721569	CHR6:26721569	SSF x LoA	-10,0179348	0,093	0,304
CHR6	26746017	CHR6:26746017	SSF x LoA	-9,3347914	-0,001	0,308
CHR6	26746077	CHR6:26746077	SSF x LoA	-10,8597405	-0,002	0,313
CHR6	26746148	CHR6:26746148	SSF x LoA	-10,7284303	0,018	0,303
CHR6	26746177	CHR6:26746177	SSF x LoA	-9,22375926	0,048	0,322
CHR6	26746217	CHR6:26746217	SSF x LoA	-10,9701918	0,016	0,310
CHR6	26754309	CHR6:26754309	SSF x LoA	-8,81474374	-0,100	0,300
CHR6	26756132	CHR6:26756132	SSF x LoA	-8,74775929	-0,093	0,303
CHR6	26757261	CHR6:26757261	SSF x LoA	-9,39499791	0,005	0,314
CHR6	26757288	CHR6:26757288	SSF x LoA	-9,38353108	0,082	0,303
CHR6	26757343	CHR6:26757343	SSF x LoA	-10,1855024	0,073	0,313
CHR6	26757344	CHR6:26757344	SSF x LoA	-2,65719518	-0,088	0,311
CHR6	26757427	CHR6:26757427	SSF x LoA	-8,40454474	0,132	0,284

CHR6	26757480	CHR6:26757480	SSF x LoA	-11,775026	0,055	0,304
CHR6	2675987	CHR6:2675987	SSF x LoA	-6,87266329	0,151	0,301
CHR6	2676014	CHR6:2676014	SSF x LoA	-5,05086148	0,224	0,290
CHR6	26762828	CHR6:26762828	SSF x LoA	-6,40685137	-0,027	0,302
CHR6	26762877	CHR6:26762877	SSF x LoA	-10,1951691	-0,041	0,304
CHR6	26763017	CHR6:26763017	SSF x LoA	-10,1779796	-0,014	0,309
CHR6	26763025	CHR6:26763025	SSF x LoA	-9,83610248	0,100	0,304
CHR6	26765825	CHR6:26765825	SSF x LoA	-8,2753578	0,027	0,308
CHR6	26765827	CHR6:26765827	SSF x LoA	-8,78709528	-0,024	0,307
CHR6	26765872	CHR6:26765872	SSF x LoA	-9,51513405	-0,026	0,312
CHR6	26767595	CHR6:26767595	SSF x LoA	-8,6913023	0,002	0,316
CHR6	26767642	CHR6:26767642	SSF x LoA	-8,94596833	0,090	0,301
CHR6	26767767	CHR6:26767767	SSF x LoA	-10,8307694	0,006	0,310
CHR6	26769286	CHR6:26769286	SSF x LoA	-8,85754129	-0,032	0,308
CHR6	26769474	CHR6:26769474	SSF x LoA	-8,52200495	-0,116	0,289
CHR6	26769475	CHR6:26769475	SSF x LoA	-9,5232963	-0,105	0,299
CHR6	26769491	CHR6:26769491	SSF x LoA	-10,7580886	0,087	0,309
CHR6	26782185	CHR6:26782185	SSF x LoA	-4,86245487	0,123	0,304
CHR6	26782328	CHR6:26782328	SSF x LoA	-7,41976684	-0,084	0,331
CHR6	26782389	CHR6:26782389	SSF x LoA	-11,550197	0,057	0,298
CHR6	26782396	CHR6:26782396	SSF x LoA	-11,1564127	0,044	0,311
CHR6	26788287	CHR6:26788287	SSF x LoA	-7,32620156	0,134	0,312
CHR6	2679231	CHR6:2679231	SSF x LoA	-10,2850809	-0,098	0,301
CHR6	2679243	CHR6:2679243	SSF x LoA	-2,7435092	0,032	0,302
CHR6	2679273	CHR6:2679273	SSF x LoA	-8,24467093	0,092	0,303
CHR6	2679280	CHR6:2679280	SSF x LoA	-8,0740496	0,070	0,311
CHR6	2679294	CHR6:2679294	SSF x LoA	-8,09630844	-0,077	0,308
CHR6	2679359	CHR6:2679359	SSF x LoA	-9,94030785	0,010	0,298
CHR6	2679416	CHR6:2679416	SSF x LoA	-9,45226679	0,202	0,301
CHR6	26794803	CHR6:26794803	SSF x LoA	-9,30275779	-0,047	0,314
CHR6	26795316	CHR6:26795316	SSF x LoA	-11,8640628	0,064	0,302
CHR6	26797771	CHR6:26797771	SSF x LoA	-11,7023485	-0,013	0,305
CHR6	26801700	CHR6:26801700	SSF x LoA	-8,57696786	0,129	0,310
CHR6	26806264	CHR6:26806264	SSF x LoA	-9,86476246	0,024	0,294
CHR6	26806372	CHR6:26806372	SSF x LoA	-9,92946953	-0,047	0,307
CHR6	26806419	CHR6:26806419	SSF x LoA	-9,14099713	0,110	0,314
CHR6	26807449	CHR6:26807449	SSF x LoA	-9,46307028	-0,100	0,310
CHR6	26810318	CHR6:26810318	SSF x LoA	-8,20177776	0,070	0,305
CHR6	26810349	CHR6:26810349	SSF x LoA	-8,15871033	-0,015	0,296
CHR6	26810363	CHR6:26810363	SSF x LoA	-8,94762825	0,003	0,309
CHR6	26814141	CHR6:26814141	SSF x LoA	-9,8813026	0,080	0,322
CHR6	26814372	CHR6:26814372	SSF x LoA	-10,0770864	0,000	0,318
CHR6	26836632	CHR6:26836632	SSF x LoA	-5,60699509	-0,005	0,311
CHR6	26836682	CHR6:26836682	SSF x LoA	-1,97512778	0,106	0,309
CHR6	26840180	CHR6:26840180	SSF x LoA	-8,34124437	0,077	0,312
CHR6	26850116	CHR6:26850116	SSF x LoA	-11,2650906	0,069	0,315
CHR6	26850138	CHR6:26850138	SSF x LoA	-12,0122712	-0,051	0,296
CHR6	26854284	CHR6:26854284	SSF x LoA	-8,94027462	-0,068	0,312
CHR6	26854330	CHR6:26854330	SSF x LoA	-2,15973036	0,066	0,318
CHR6	26854348	CHR6:26854348	SSF x LoA	-9,57047608	-0,085	0,295
CHR6	26854376	CHR6:26854376	SSF x LoA	-8,41863397	-0,059	0,304
CHR6	26854391	CHR6:26854391	SSF x LoA	-7,75371206	-0,024	0,299
CHR6	26854409	CHR6:26854409	SSF x LoA	-7,94629981	-0,058	0,314

CHR6	26854419	CHR6:26854419	SSF x LoA	-6,45949608	-0,025	0,314
CHR6	26854455	CHR6:26854455	SSF x LoA	-8,74933186	-0,089	0,297
CHR6	26854472	CHR6:26854472	SSF x LoA	-7,84948304	-0,043	0,300
CHR6	26861716	CHR6:26861716	SSF x LoA	-9,05173798	-0,013	0,315
CHR6	26865213	CHR6:26865213	SSF x LoA	-7,33393902	0,165	0,284
CHR6	26865237	CHR6:26865237	SSF x LoA	-7,08341816	-0,105	0,309
CHR6	26865252	CHR6:26865252	SSF x LoA	-10,9561385	-0,068	0,305
CHR6	26865286	CHR6:26865286	SSF x LoA	-10,5088072	-0,034	0,315
CHR6	26865320	CHR6:26865320	SSF x LoA	-10,4571516	0,055	0,311
CHR6	2687277	CHR6:2687277	SSF x LoA	-9,04114955	0,101	0,291
CHR6	2687375	CHR6:2687375	SSF x LoA	-11,9162193	-0,093	0,307
CHR6	26876558	CHR6:26876558	SSF x LoA	-9,20645537	0,032	0,296
CHR6	26876613	CHR6:26876613	SSF x LoA	-11,5468338	0,006	0,300
CHR6	26876623	CHR6:26876623	SSF x LoA	-8,85668706	-0,059	0,295
CHR6	26876632	CHR6:26876632	SSF x LoA	-9,10815463	0,133	0,322
CHR6	26880028	CHR6:26880028	SSF x LoA	-3,40358593	-0,114	0,288
CHR6	26885363	CHR6:26885363	SSF x LoA	-11,6743825	0,046	0,304
CHR6	26885423	CHR6:26885423	SSF x LoA	-6,51848003	0,054	0,322
CHR6	26885471	CHR6:26885471	SSF x LoA	-10,4744473	0,002	0,311
CHR6	26885486	CHR6:26885486	SSF x LoA	-6,21800687	0,102	0,308
CHR6	26885495	CHR6:26885495	SSF x LoA	-6,90735062	0,027	0,313
CHR6	26885528	CHR6:26885528	SSF x LoA	-9,34221225	0,016	0,303
CHR6	26890748	CHR6:26890748	SSF x LoA	-11,1354616	0,044	0,309
CHR6	26890790	CHR6:26890790	SSF x LoA	-10,5593275	0,051	0,298
CHR6	26890866	CHR6:26890866	SSF x LoA	-9,63575542	0,002	0,315
CHR6	26890978	CHR6:26890978	SSF x LoA	-8,29288677	-0,124	0,307
CHR6	26890991	CHR6:26890991	SSF x LoA	-9,93148636	0,013	0,310
CHR6	26906828	CHR6:26906828	SSF x LoA	-9,5924892	-0,068	0,309
CHR6	26906913	CHR6:26906913	SSF x LoA	-9,18440409	-0,049	0,296
CHR6	26906945	CHR6:26906945	SSF x LoA	-7,61473234	0,102	0,300
CHR6	26926129	CHR6:26926129	SSF x LoA	-7,81951064	-0,070	0,308
CHR6	26928111	CHR6:26928111	SSF x LoA	-9,74926145	-0,013	0,309
CHR6	26930068	CHR6:26930068	SSF x LoA	-8,13644658	0,081	0,296
CHR6	26930156	CHR6:26930156	SSF x LoA	-9,48153992	-0,089	0,303
CHR6	26930269	CHR6:26930269	SSF x LoA	-10,8067941	0,026	0,315
CHR6	26930282	CHR6:26930282	SSF x LoA	-3,88958827	-0,003	0,321
CHR6	26930323	CHR6:26930323	SSF x LoA	-11,6890924	-0,034	0,311
CHR6	26934738	CHR6:26934738	SSF x LoA	-7,65458645	-0,148	0,304
CHR6	26939775	CHR6:26939775	SSF x LoA	-11,3729405	-0,058	0,308
CHR6	26939862	CHR6:26939862	SSF x LoA	-8,73834469	-0,162	0,310
CHR6	26945191	CHR6:26945191	SSF x LoA	-10,0299762	0,080	0,304
CHR6	26945279	CHR6:26945279	SSF x LoA	-10,1206195	-0,044	0,315
CHR6	26956414	CHR6:26956414	SSF x LoA	-11,9100715	0,049	0,307
CHR6	2695991	CHR6:2695991	SSF x LoA	-9,30437309	-0,026	0,311
CHR6	2696033	CHR6:2696033	SSF x LoA	-9,44551797	-0,052	0,313
CHR6	2696061	CHR6:2696061	SSF x LoA	-9,60603804	0,044	0,301
CHR6	2696067	CHR6:2696067	SSF x LoA	-8,95247365	-0,133	0,303
CHR6	2696122	CHR6:2696122	SSF x LoA	-5,26893197	-0,062	0,303
CHR6	26961233	CHR6:26961233	SSF x LoA	-9,10978065	0,012	0,306
CHR6	26961271	CHR6:26961271	SSF x LoA	-3,27574914	-0,100	0,311
CHR6	2696134	CHR6:2696134	SSF x LoA	-8,36151948	0,048	0,304
CHR6	2696150	CHR6:2696150	SSF x LoA	-7,14895368	0,062	0,308
CHR6	26967589	CHR6:26967589	SSF x LoA	-5,17036536	-0,127	0,328

CHR6	26967596	CHR6:26967596	SSF x LoA	-8,58439651	0,012	0,304
CHR6	26967597	CHR6:26967597	SSF x LoA	-9,6497501	-0,097	0,313
CHR6	26967694	CHR6:26967694	SSF x LoA	-10,2507283	0,057	0,303
CHR6	26967696	CHR6:26967696	SSF x LoA	-9,28683802	-0,068	0,319
CHR6	26979495	CHR6:26979495	SSF x LoA	-7,52948322	0,084	0,314
CHR6	26983044	CHR6:26983044	SSF x LoA	-9,00891726	0,054	0,303
CHR6	26985484	CHR6:26985484	SSF x LoA	-8,32787039	0,100	0,311
CHR6	26985508	CHR6:26985508	SSF x LoA	-9,85552468	-0,024	0,307
CHR6	26985529	CHR6:26985529	SSF x LoA	-11,698683	0,052	0,298
CHR6	26985566	CHR6:26985566	SSF x LoA	-12,0272078	0,031	0,304
CHR6	26985593	CHR6:26985593	SSF x LoA	-8,88464222	-0,097	0,305
CHR6	26985609	CHR6:26985609	SSF x LoA	-9,81337605	-0,077	0,305
CHR6	26985619	CHR6:26985619	SSF x LoA	-9,74637341	0,061	0,299
CHR6	26985639	CHR6:26985639	SSF x LoA	-10,0792984	0,073	0,315
CHR6	26985640	CHR6:26985640	SSF x LoA	-10,9746578	0,056	0,312
CHR6	26985667	CHR6:26985667	SSF x LoA	-9,66915091	-0,025	0,315
CHR6	26991638	CHR6:26991638	SSF x LoA	-8,98084884	-0,019	0,315
CHR6	26991731	CHR6:26991731	SSF x LoA	-11,6285036	-0,066	0,303
CHR6	2699211	CHR6:2699211	SSF x LoA	-9,16775359	-0,099	0,306
CHR6	2699382	CHR6:2699382	SSF x LoA	-11,2127098	0,019	0,302
CHR6	2699425	CHR6:2699425	SSF x LoA	-10,1090553	-0,091	0,303
CHR6	26995034	CHR6:26995034	SSF x LoA	-8,24844585	0,072	0,319
CHR6	26995200	CHR6:26995200	SSF x LoA	-11,017369	-0,094	0,294
CHR6	26995275	CHR6:26995275	SSF x LoA	-8,78590088	-0,023	0,305
CHR6	27000028	CHR6:27000028	SSF x LoA	-4,5657465	-0,100	0,307
CHR6	27000039	CHR6:27000039	SSF x LoA	-8,65474993	-0,061	0,315
CHR6	27000332	CHR6:27000332	SSF x LoA	-11,0874854	-0,025	0,327
CHR6	27002907	CHR6:27002907	SSF x LoA	-9,23095496	0,081	0,293
CHR6	2700571	CHR6:2700571	SSF x LoA	-10,6255552	-0,029	0,303
CHR6	27020669	CHR6:27020669	SSF x LoA	-7,93869983	-0,047	0,324
CHR6	27022863	CHR6:27022863	SSF x LoA	-7,73392662	0,144	0,295
CHR6	27022937	CHR6:27022937	SSF x LoA	-9,46870096	-0,001	0,300
CHR6	27037220	CHR6:27037220	SSF x LoA	-7,6130151	-0,009	0,307
CHR6	27037343	CHR6:27037343	SSF x LoA	-9,56467756	-0,008	0,314
CHR6	27037461	CHR6:27037461	SSF x LoA	-11,6013231	-0,078	0,291
CHR6	27039773	CHR6:27039773	SSF x LoA	-9,17269812	0,065	0,297
CHR6	27051728	CHR6:27051728	SSF x LoA	-10,4748578	-0,039	0,310
CHR6	27051929	CHR6:27051929	SSF x LoA	-3,31013178	0,170	0,308
CHR6	27051975	CHR6:27051975	SSF x LoA	-8,83020457	0,010	0,295
CHR6	27064044	CHR6:27064044	SSF x LoA	-8,15415135	0,071	0,297
CHR6	27064125	CHR6:27064125	SSF x LoA	-8,6569736	0,007	0,309
CHR6	27064534	CHR6:27064534	SSF x LoA	-9,28224156	-0,027	0,307
CHR6	27064541	CHR6:27064541	SSF x LoA	-8,26913725	0,067	0,313
CHR6	27064702	CHR6:27064702	SSF x LoA	-8,09131605	-0,054	0,301
CHR6	27079602	CHR6:27079602	SSF x LoA	-11,0070012	0,055	0,308
CHR6	27079687	CHR6:27079687	SSF x LoA	-8,05627169	-0,004	0,320
CHR6	27079714	CHR6:27079714	SSF x LoA	-7,24949486	0,042	0,301
CHR6	27084061	CHR6:27084061	SSF x LoA	-9,52000252	-0,042	0,313
CHR6	27084132	CHR6:27084132	SSF x LoA	-10,5029007	-0,020	0,311
CHR6	27084206	CHR6:27084206	SSF x LoA	-10,5374642	0,060	0,308
CHR6	27098710	CHR6:27098710	SSF x LoA	-9,66763936	0,155	0,305
CHR6	27098947	CHR6:27098947	SSF x LoA	-9,00846863	0,104	0,294
CHR6	27098984	CHR6:27098984	SSF x LoA	-4,46106439	-0,076	0,301

CHR6	27110795	CHR6:27110795	SSF x LoA	-9,67950575	-0,025	0,308
CHR6	27112547	CHR6:27112547	SSF x LoA	-11,1287426	0,025	0,303
CHR6	27112583	CHR6:27112583	SSF x LoA	-8,4861706	-0,040	0,308
CHR6	27112599	CHR6:27112599	SSF x LoA	-5,85553415	-0,027	0,305
CHR6	27117579	CHR6:27117579	SSF x LoA	-10,9043448	-0,083	0,317
CHR6	27120961	CHR6:27120961	SSF x LoA	-10,8052965	-0,025	0,313
CHR6	27125612	CHR6:27125612	SSF x LoA	-9,18304402	0,088	0,307
CHR6	27125760	CHR6:27125760	SSF x LoA	-10,5167403	0,020	0,306
CHR6	27133574	CHR6:27133574	SSF x LoA	-8,57377868	-0,093	0,289
CHR6	27133594	CHR6:27133594	SSF x LoA	-8,53178999	-0,150	0,301
CHR6	27133603	CHR6:27133603	SSF x LoA	-5,223911	-0,105	0,295
CHR6	27135604	CHR6:27135604	SSF x LoA	-1,93962928	0,207	0,297
CHR6	27136535	CHR6:27136535	SSF x LoA	-8,56455055	0,142	0,309
CHR6	27136582	CHR6:27136582	SSF x LoA	-11,2250001	-0,026	0,300
CHR6	27141870	CHR6:27141870	SSF x LoA	-8,17779703	-0,105	0,297
CHR6	2714308	CHR6:2714308	SSF x LoA	-9,79903661	0,133	0,303
CHR6	27143294	CHR6:27143294	SSF x LoA	-9,88230072	-0,012	0,304
CHR6	27143296	CHR6:27143296	SSF x LoA	-10,9709933	-0,016	0,313
CHR6	2714371	CHR6:2714371	SSF x LoA	-12,0400821	0,033	0,296
CHR6	27154157	CHR6:27154157	SSF x LoA	-10,1761629	0,042	0,294
CHR6	27154350	CHR6:27154350	SSF x LoA	5,14462068	0,060	0,306
CHR6	27154405	CHR6:27154405	SSF x LoA	-9,1026943	-0,065	0,310
CHR6	27154415	CHR6:27154415	SSF x LoA	-8,1876171	-0,011	0,304
CHR6	27168254	CHR6:27168254	SSF x LoA	-12,0422473	0,034	0,305
CHR6	27184852	CHR6:27184852	SSF x LoA	-9,796892	-0,068	0,300
CHR6	27186175	CHR6:27186175	SSF x LoA	-10,8579727	-0,081	0,300
CHR6	27186500	CHR6:27186500	SSF x LoA	-5,68779119	-0,060	0,314
CHR6	27186514	CHR6:27186514	SSF x LoA	-7,25624917	0,080	0,285
CHR6	27189921	CHR6:27189921	SSF x LoA	-7,82100467	0,044	0,324
CHR6	27194239	CHR6:27194239	SSF x LoA	-11,6644532	-0,032	0,299
CHR6	27194241	CHR6:27194241	SSF x LoA	-8,38015184	0,058	0,333
CHR6	27194242	CHR6:27194242	SSF x LoA	-8,70416587	0,088	0,315
CHR6	27194248	CHR6:27194248	SSF x LoA	-10,6567303	0,016	0,307
CHR6	27194308	CHR6:27194308	SSF x LoA	-10,9660709	0,032	0,311
CHR6	27199344	CHR6:27199344	SSF x LoA	-9,65801725	0,035	0,314
CHR6	27199459	CHR6:27199459	SSF x LoA	-6,57192018	0,038	0,293
CHR6	27199485	CHR6:27199485	SSF x LoA	-9,99873936	0,099	0,284
CHR6	27202518	CHR6:27202518	SSF x LoA	-8,99195622	-0,010	0,300
CHR6	27202701	CHR6:27202701	SSF x LoA	-10,8091363	-0,010	0,300
CHR6	27204724	CHR6:27204724	SSF x LoA	-9,42263526	0,019	0,308
CHR6	27204730	CHR6:27204730	SSF x LoA	-8,8462745	0,023	0,316
CHR6	27204753	CHR6:27204753	SSF x LoA	-11,1458973	-0,046	0,292
CHR6	27213584	CHR6:27213584	SSF x LoA	-10,7126375	-0,018	0,308
CHR6	27217059	CHR6:27217059	SSF x LoA	-9,99093114	0,110	0,313
CHR6	27217106	CHR6:27217106	SSF x LoA	-10,8564153	-0,003	0,318
CHR6	27219113	CHR6:27219113	SSF x LoA	-8,99603909	0,082	0,312
CHR6	27222295	CHR6:27222295	SSF x LoA	-9,67657052	0,112	0,305
CHR6	27230436	CHR6:27230436	SSF x LoA	-10,1503109	0,030	0,320
CHR6	27230479	CHR6:27230479	SSF x LoA	1,25282639	0,069	0,315
CHR6	27230496	CHR6:27230496	SSF x LoA	-10,0893729	0,022	0,292
CHR6	27230540	CHR6:27230540	SSF x LoA	-9,43878031	0,016	0,300
CHR6	27230541	CHR6:27230541	SSF x LoA	-8,30589008	-0,030	0,300
CHR6	27237921	CHR6:27237921	SSF x LoA	-9,16003377	0,123	0,311

CHR6	27237942	CHR6:27237942	SSF x LoA	-9,71829383	-0,069	0,306
CHR6	27241869	CHR6:27241869	SSF x LoA	-10,1045028	0,109	0,303
CHR6	27251385	CHR6:27251385	SSF x LoA	-8,42091269	0,028	0,304
CHR6	27251432	CHR6:27251432	SSF x LoA	-9,53790101	0,036	0,306
CHR6	27251586	CHR6:27251586	SSF x LoA	-9,23347954	-0,096	0,302
CHR6	27252496	CHR6:27252496	SSF x LoA	-10,1970731	0,014	0,326
CHR6	27256463	CHR6:27256463	SSF x LoA	-8,749887	0,049	0,299
CHR6	27256528	CHR6:27256528	SSF x LoA	-8,15238621	-0,076	0,313
CHR6	27256708	CHR6:27256708	SSF x LoA	-10,0990072	-0,053	0,310
CHR6	27256717	CHR6:27256717	SSF x LoA	-10,1368022	-0,013	0,312
CHR6	27259267	CHR6:27259267	SSF x LoA	-9,82026679	-0,032	0,320
CHR6	27259386	CHR6:27259386	SSF x LoA	-8,92617348	0,071	0,311
CHR6	27259403	CHR6:27259403	SSF x LoA	-5,92724374	0,105	0,311
CHR6	27259408	CHR6:27259408	SSF x LoA	-10,2520979	-0,005	0,313
CHR6	27259460	CHR6:27259460	SSF x LoA	-8,97547687	-0,034	0,321
CHR6	27264234	CHR6:27264234	SSF x LoA	-1,84015445	-0,226	0,300
CHR6	27269548	CHR6:27269548	SSF x LoA	-8,59536097	-0,011	0,306
CHR6	27269555	CHR6:27269555	SSF x LoA	-8,66738948	0,000	0,317
CHR6	27269558	CHR6:27269558	SSF x LoA	-10,0137929	0,058	0,305
CHR6	27284150	CHR6:27284150	SSF x LoA	-10,92659	-0,116	0,294
CHR6	27287632	CHR6:27287632	SSF x LoA	-8,85213968	0,035	0,300
CHR6	27287644	CHR6:27287644	SSF x LoA	-9,86540462	0,027	0,305
CHR6	27287647	CHR6:27287647	SSF x LoA	-8,61043031	0,033	0,295
CHR6	27290906	CHR6:27290906	SSF x LoA	-5,75134273	0,140	0,302
CHR6	27291015	CHR6:27291015	SSF x LoA	-8,88274315	-0,022	0,304
CHR6	27293450	CHR6:27293450	SSF x LoA	-6,27910971	0,105	0,313
CHR6	27304287	CHR6:27304287	SSF x LoA	-8,73822064	-0,155	0,296
CHR6	27318584	CHR6:27318584	SSF x LoA	-9,63612433	0,076	0,322
CHR6	27318603	CHR6:27318603	SSF x LoA	-9,88351738	-0,071	0,295
CHR6	27318652	CHR6:27318652	SSF x LoA	-9,54932465	-0,030	0,313
CHR6	27318658	CHR6:27318658	SSF x LoA	-9,64615267	0,022	0,307
CHR6	27318670	CHR6:27318670	SSF x LoA	-8,28979966	0,019	0,302
CHR6	27326257	CHR6:27326257	SSF x LoA	-8,55974913	0,082	0,301
CHR6	27346571	CHR6:27346571	SSF x LoA	-9,21637498	-0,097	0,310
CHR6	27346697	CHR6:27346697	SSF x LoA	-9,89140919	-0,032	0,315
CHR6	27346734	CHR6:27346734	SSF x LoA	-8,36071496	0,076	0,304
CHR6	27346736	CHR6:27346736	SSF x LoA	-10,1051271	0,134	0,288
CHR6	27347679	CHR6:27347679	SSF x LoA	-11,1478177	-0,034	0,318
CHR6	27347680	CHR6:27347680	SSF x LoA	-7,62809066	-0,221	0,297
CHR6	27347739	CHR6:27347739	SSF x LoA	-7,61474886	0,000	0,305
CHR6	27347741	CHR6:27347741	SSF x LoA	-7,36247488	-0,063	0,305
CHR6	27350497	CHR6:27350497	SSF x LoA	-4,91421115	0,176	0,293
CHR6	27350501	CHR6:27350501	SSF x LoA	-8,18496891	-0,117	0,292
CHR6	27350544	CHR6:27350544	SSF x LoA	-11,3243457	0,038	0,290
CHR6	27350548	CHR6:27350548	SSF x LoA	-12,0171048	-0,050	0,305
CHR6	27352234	CHR6:27352234	SSF x LoA	-11,6415294	0,040	0,307
CHR6	27354545	CHR6:27354545	SSF x LoA	-8,46729059	0,052	0,306
CHR6	27354614	CHR6:27354614	SSF x LoA	-9,55192887	0,059	0,294
CHR6	27354665	CHR6:27354665	SSF x LoA	-11,275584	0,062	0,296
CHR6	27372549	CHR6:27372549	SSF x LoA	-10,4098826	-0,010	0,300
CHR6	27374300	CHR6:27374300	SSF x LoA	-9,03335714	0,023	0,311
CHR6	27374316	CHR6:27374316	SSF x LoA	-9,20348477	0,029	0,306
CHR6	27374323	CHR6:27374323	SSF x LoA	-8,71282177	-0,006	0,306

CHR6	2737793	CHR6:2737793	SSF x LoA	-8,55981453	-0,002	0,305
CHR6	27378240	CHR6:27378240	SSF x LoA	-9,81776431	-0,001	0,315
CHR6	27378391	CHR6:27378391	SSF x LoA	-8,83838347	0,083	0,294
CHR6	27378422	CHR6:27378422	SSF x LoA	-11,0059089	0,024	0,309
CHR6	27378452	CHR6:27378452	SSF x LoA	-9,42866541	-0,062	0,323
CHR6	27378472	CHR6:27378472	SSF x LoA	-8,47909255	-0,076	0,324
CHR6	2737908	CHR6:2737908	SSF x LoA	-8,85113063	0,008	0,290
CHR6	27383321	CHR6:27383321	SSF x LoA	-10,3017999	0,072	0,302
CHR6	27383332	CHR6:27383332	SSF x LoA	-10,9937049	-0,097	0,314
CHR6	27383476	CHR6:27383476	SSF x LoA	-11,00741	0,056	0,307
CHR6	27383477	CHR6:27383477	SSF x LoA	-9,3160818	-0,069	0,304
CHR6	27388131	CHR6:27388131	SSF x LoA	-10,9038768	-0,090	0,302
CHR6	27388239	CHR6:27388239	SSF x LoA	-5,9743373	0,038	0,314
CHR6	27388352	CHR6:27388352	SSF x LoA	-11,0810999	0,003	0,307
CHR6	27388359	CHR6:27388359	SSF x LoA	-10,707767	0,058	0,303
CHR6	27396899	CHR6:27396899	SSF x LoA	-6,49529632	0,163	0,309
CHR6	27399896	CHR6:27399896	SSF x LoA	-9,28537605	-0,120	0,320
CHR6	27399984	CHR6:27399984	SSF x LoA	-10,5022417	0,041	0,315
CHR6	27414542	CHR6:27414542	SSF x LoA	-7,6148278	0,118	0,298
CHR6	27431699	CHR6:27431699	SSF x LoA	-11,4722146	-0,075	0,307
CHR6	27431738	CHR6:27431738	SSF x LoA	-10,3763767	-0,077	0,314
CHR6	27431785	CHR6:27431785	SSF x LoA	-8,8169234	0,040	0,295
CHR6	27431875	CHR6:27431875	SSF x LoA	-11,1070316	-0,042	0,310
CHR6	27440366	CHR6:27440366	SSF x LoA	-10,9676088	0,003	0,305
CHR6	27440402	CHR6:27440402	SSF x LoA	-8,69223209	0,107	0,308
CHR6	27444834	CHR6:27444834	SSF x LoA	-11,4926597	0,063	0,306
CHR6	27444836	CHR6:27444836	SSF x LoA	-4,8761374	-0,154	0,305
CHR6	27451189	CHR6:27451189	SSF x LoA	-6,8394709	0,009	0,321
CHR6	27451237	CHR6:27451237	SSF x LoA	-9,26564945	0,020	0,299
CHR6	27455444	CHR6:27455444	SSF x LoA	-12,0670473	-0,049	0,300
CHR6	27455447	CHR6:27455447	SSF x LoA	-11,1152614	0,075	0,300
CHR6	27455462	CHR6:27455462	SSF x LoA	-10,9096472	0,034	0,317
CHR6	27465346	CHR6:27465346	SSF x LoA	-7,12866603	0,162	0,309
CHR6	27465356	CHR6:27465356	SSF x LoA	-10,033763	-0,029	0,305
CHR6	27465430	CHR6:27465430	SSF x LoA	-9,36529334	-0,151	0,301
CHR6	27465458	CHR6:27465458	SSF x LoA	-10,0523909	0,078	0,296
CHR6	27468569	CHR6:27468569	SSF x LoA	-5,10854544	-0,113	0,317
CHR6	27468593	CHR6:27468593	SSF x LoA	-4,96796833	-0,139	0,303
CHR6	27468715	CHR6:27468715	SSF x LoA	-9,47360806	-0,004	0,298
CHR6	27468756	CHR6:27468756	SSF x LoA	-10,4638959	-0,076	0,305
CHR6	27473235	CHR6:27473235	SSF x LoA	-9,96228741	-0,074	0,303
CHR6	27485168	CHR6:27485168	SSF x LoA	-4,32571711	0,116	0,284
CHR6	27485180	CHR6:27485180	SSF x LoA	-8,51813566	-0,040	0,313
CHR6	27485228	CHR6:27485228	SSF x LoA	-10,1781183	0,009	0,315
CHR6	27485262	CHR6:27485262	SSF x LoA	-8,60500849	0,047	0,302
CHR6	27492217	CHR6:27492217	SSF x LoA	-9,68827411	0,037	0,302
CHR6	27492352	CHR6:27492352	SSF x LoA	-10,8135401	-0,138	0,297
CHR6	27494598	CHR6:27494598	SSF x LoA	-11,7345311	0,085	0,285
CHR6	27506348	CHR6:27506348	SSF x LoA	-11,1815035	-0,068	0,312
CHR6	27507421	CHR6:27507421	SSF x LoA	-7,44316727	0,054	0,308
CHR6	27507428	CHR6:27507428	SSF x LoA	-8,500893	0,106	0,316
CHR6	2750883	CHR6:2750883	SSF x LoA	0,47502912	0,107	0,295
CHR6	2750899	CHR6:2750899	SSF x LoA	-8,80643585	-0,029	0,306

CHR6	27511928	CHR6:27511928	SSF x LoA	-7,91843293	0,056	0,321
CHR6	27512226	CHR6:27512226	SSF x LoA	-10,9403245	-0,055	0,296
CHR6	27516662	CHR6:27516662	SSF x LoA	-8,44970206	-0,077	0,297
CHR6	27516782	CHR6:27516782	SSF x LoA	-9,93725513	-0,101	0,290
CHR6	27516808	CHR6:27516808	SSF x LoA	-10,2435545	-0,012	0,297
CHR6	27516844	CHR6:27516844	SSF x LoA	-10,7742809	-0,003	0,313
CHR6	27539228	CHR6:27539228	SSF x LoA	-9,22089944	0,012	0,303
CHR6	27539266	CHR6:27539266	SSF x LoA	-9,32625527	0,010	0,304
CHR6	27539387	CHR6:27539387	SSF x LoA	-7,47312151	0,141	0,315
CHR6	27539410	CHR6:27539410	SSF x LoA	-8,55525125	0,086	0,309
CHR6	27546956	CHR6:27546956	SSF x LoA	-9,48536432	-0,065	0,299
CHR6	27547014	CHR6:27547014	SSF x LoA	-8,8744836	-0,078	0,308
CHR6	27549903	CHR6:27549903	SSF x LoA	-6,6140432	-0,081	0,311
CHR6	27549977	CHR6:27549977	SSF x LoA	-5,93353389	-0,073	0,288
CHR6	27549981	CHR6:27549981	SSF x LoA	-10,0191016	-0,045	0,302
CHR6	27549989	CHR6:27549989	SSF x LoA	-11,7328105	-0,040	0,297
CHR6	27553256	CHR6:27553256	SSF x LoA	-9,35242688	0,125	0,308
CHR6	27553327	CHR6:27553327	SSF x LoA	-9,30608678	-0,019	0,315
CHR6	27553443	CHR6:27553443	SSF x LoA	-7,65843267	0,072	0,312
CHR6	27560741	CHR6:27560741	SSF x LoA	-10,461093	0,050	0,294
CHR6	27560908	CHR6:27560908	SSF x LoA	-10,4893138	-0,115	0,309
CHR6	27566065	CHR6:27566065	SSF x LoA	-10,5325194	-0,044	0,308
CHR6	27566395	CHR6:27566395	SSF x LoA	-2,78838547	-0,190	0,289
CHR6	27570196	CHR6:27570196	SSF x LoA	-10,7995425	-0,090	0,308
CHR6	27570238	CHR6:27570238	SSF x LoA	-5,56340194	0,188	0,290
CHR6	27583525	CHR6:27583525	SSF x LoA	-9,6719154	-0,001	0,312
CHR6	27584166	CHR6:27584166	SSF x LoA	-8,21437724	-0,065	0,311
CHR6	27603332	CHR6:27603332	SSF x LoA	-8,20499481	-0,127	0,305
CHR6	27618721	CHR6:27618721	SSF x LoA	-8,79300529	0,103	0,287
CHR6	2762929	CHR6:2762929	SSF x LoA	-7,02071477	-0,123	0,296
CHR6	2762933	CHR6:2762933	SSF x LoA	-0,85788253	-0,155	0,289
CHR6	27657617	CHR6:27657617	SSF x LoA	-9,75988464	0,086	0,308
CHR6	27657618	CHR6:27657618	SSF x LoA	-10,2168118	0,074	0,305
CHR6	27657697	CHR6:27657697	SSF x LoA	-9,1765859	-0,045	0,308
CHR6	27657711	CHR6:27657711	SSF x LoA	-9,66703808	0,046	0,313
CHR6	27660948	CHR6:27660948	SSF x LoA	-9,17525763	-0,010	0,303
CHR6	2766112	CHR6:2766112	SSF x LoA	-10,169414	-0,111	0,313
CHR6	2766151	CHR6:2766151	SSF x LoA	-4,32301953	0,034	0,314
CHR6	2766289	CHR6:2766289	SSF x LoA	-11,3881315	0,038	0,303
CHR6	27667191	CHR6:27667191	SSF x LoA	-12,1557656	0,055	0,302
CHR6	27675530	CHR6:27675530	SSF x LoA	-7,83443789	-0,082	0,306
CHR6	27675558	CHR6:27675558	SSF x LoA	-10,1850961	0,061	0,309
CHR6	27680378	CHR6:27680378	SSF x LoA	-8,70083434	0,111	0,308
CHR6	27680403	CHR6:27680403	SSF x LoA	-8,07557402	-0,091	0,297
CHR6	27680437	CHR6:27680437	SSF x LoA	-5,82015728	-0,183	0,279
CHR6	27680439	CHR6:27680439	SSF x LoA	-6,66978417	-0,179	0,292
CHR6	27681796	CHR6:27681796	SSF x LoA	-8,03968765	-0,117	0,301
CHR6	27681840	CHR6:27681840	SSF x LoA	-10,9756738	-0,064	0,307
CHR6	27681861	CHR6:27681861	SSF x LoA	-8,81815723	-0,068	0,295
CHR6	27685436	CHR6:27685436	SSF x LoA	-7,93339682	0,088	0,302
CHR6	27685453	CHR6:27685453	SSF x LoA	-6,75254611	0,172	0,288
CHR6	27685471	CHR6:27685471	SSF x LoA	-8,95768991	0,071	0,321
CHR6	27685512	CHR6:27685512	SSF x LoA	-11,5353598	0,018	0,313

CHR6	27685536	CHR6:27685536	SSF x LoA	-7,62429954	-0,044	0,311
CHR6	27685677	CHR6:27685677	SSF x LoA	-4,94483671	0,221	0,295
CHR6	27706088	CHR6:27706088	SSF x LoA	-9,72638889	-0,047	0,295
CHR6	27706179	CHR6:27706179	SSF x LoA	-8,36232462	-0,095	0,292
CHR6	27706421	CHR6:27706421	SSF x LoA	-10,9057741	0,013	0,302
CHR6	27710369	CHR6:27710369	SSF x LoA	-8,48689827	-0,104	0,300
CHR6	27710401	CHR6:27710401	SSF x LoA	-9,49103937	-0,061	0,306
CHR6	27710411	CHR6:27710411	SSF x LoA	-6,54582663	-0,063	0,317
CHR6	27723493	CHR6:27723493	SSF x LoA	-6,40674741	0,000	0,311
CHR6	27723544	CHR6:27723544	SSF x LoA	-6,51192923	0,001	0,301
CHR6	27723606	CHR6:27723606	SSF x LoA	-9,00730756	-0,113	0,305
CHR6	27723664	CHR6:27723664	SSF x LoA	-9,72726702	-0,016	0,305
CHR6	27723705	CHR6:27723705	SSF x LoA	-7,57929498	-0,079	0,318
CHR6	27723706	CHR6:27723706	SSF x LoA	-6,25035798	0,004	0,323
CHR6	27726442	CHR6:27726442	SSF x LoA	-11,8841371	-0,041	0,301
CHR6	27735067	CHR6:27735067	SSF x LoA	-9,42097915	-0,046	0,296
CHR6	2775263	CHR6:2775263	SSF x LoA	-9,27418499	-0,040	0,315
CHR6	27752689	CHR6:27752689	SSF x LoA	-10,5601565	0,039	0,300
CHR6	2775285	CHR6:2775285	SSF x LoA	-11,4135962	0,023	0,309
CHR6	27754630	CHR6:27754630	SSF x LoA	-9,75625567	-0,033	0,292
CHR6	27765040	CHR6:27765040	SSF x LoA	-8,78033152	0,081	0,304
CHR6	27765099	CHR6:27765099	SSF x LoA	-11,8796628	0,052	0,296
CHR6	27771846	CHR6:27771846	SSF x LoA	-8,09333349	0,117	0,292
CHR6	27771887	CHR6:27771887	SSF x LoA	-10,3027575	-0,076	0,304
CHR6	27771906	CHR6:27771906	SSF x LoA	-10,0430764	0,033	0,292
CHR6	27771946	CHR6:27771946	SSF x LoA	-8,72967158	-0,033	0,304
CHR6	27771947	CHR6:27771947	SSF x LoA	-9,67506445	-0,006	0,308
CHR6	27772791	CHR6:27772791	SSF x LoA	-5,47205617	0,175	0,296
CHR6	27772841	CHR6:27772841	SSF x LoA	-10,8116354	-0,095	0,312
CHR6	27772858	CHR6:27772858	SSF x LoA	-10,4446208	0,085	0,293
CHR6	27773723	CHR6:27773723	SSF x LoA	-8,40539602	-0,006	0,313
CHR6	27773984	CHR6:27773984	SSF x LoA	-9,95862856	-0,079	0,325
CHR6	27774029	CHR6:27774029	SSF x LoA	-9,417257	-0,016	0,303
CHR6	2778271	CHR6:2778271	SSF x LoA	-10,61635	-0,060	0,310
CHR6	2778317	CHR6:2778317	SSF x LoA	-7,63618377	0,068	0,305
CHR6	2778352	CHR6:2778352	SSF x LoA	-11,0248454	0,057	0,314
CHR6	2778372	CHR6:2778372	SSF x LoA	-9,73286464	0,004	0,292
CHR6	27793096	CHR6:27793096	SSF x LoA	-11,4467531	-0,013	0,321
CHR6	27793115	CHR6:27793115	SSF x LoA	-9,077498	0,051	0,302
CHR6	27793144	CHR6:27793144	SSF x LoA	-6,60705971	-0,142	0,318
CHR6	27802647	CHR6:27802647	SSF x LoA	-5,36822249	0,230	0,295
CHR6	27802664	CHR6:27802664	SSF x LoA	-11,2028007	-0,009	0,308
CHR6	27803042	CHR6:27803042	SSF x LoA	-8,34403078	0,027	0,319
CHR6	27803047	CHR6:27803047	SSF x LoA	-4,69065726	0,134	0,309
CHR6	2780764	CHR6:2780764	SSF x LoA	-10,2669338	-0,031	0,313
CHR6	2780799	CHR6:2780799	SSF x LoA	-11,0112989	0,015	0,308
CHR6	2780844	CHR6:2780844	SSF x LoA	-9,76727126	-0,113	0,295
CHR6	2780870	CHR6:2780870	SSF x LoA	-4,7572612	0,093	0,307
CHR6	27810748	CHR6:27810748	SSF x LoA	4,7695719	-0,115	0,303
CHR6	27810793	CHR6:27810793	SSF x LoA	-8,29652728	0,065	0,306
CHR6	27810818	CHR6:27810818	SSF x LoA	-11,6280109	-0,086	0,311
CHR6	27814192	CHR6:27814192	SSF x LoA	-8,91948083	-0,052	0,306
CHR6	27814316	CHR6:27814316	SSF x LoA	-11,0294379	-0,082	0,300

CHR6	27814340	CHR6:27814340	SSF x LoA	-7,76294322	0,098	0,310
CHR6	27814380	CHR6:27814380	SSF x LoA	-9,29465408	-0,007	0,321
CHR6	27816988	CHR6:27816988	SSF x LoA	-10,423538	0,019	0,324
CHR6	27816991	CHR6:27816991	SSF x LoA	-8,97369546	0,027	0,320
CHR6	27826788	CHR6:27826788	SSF x LoA	-8,15374924	0,034	0,315
CHR6	27826845	CHR6:27826845	SSF x LoA	-5,71856272	-0,232	0,302
CHR6	27829558	CHR6:27829558	SSF x LoA	-7,93121913	0,096	0,306
CHR6	27829670	CHR6:27829670	SSF x LoA	-9,25946913	0,016	0,310
CHR6	27829714	CHR6:27829714	SSF x LoA	-12,1984867	-0,004	0,302
CHR6	27829719	CHR6:27829719	SSF x LoA	-7,99633199	0,075	0,311
CHR6	27831697	CHR6:27831697	SSF x LoA	-8,80077888	0,044	0,318
CHR6	27831715	CHR6:27831715	SSF x LoA	-11,2565707	-0,005	0,302
CHR6	27831733	CHR6:27831733	SSF x LoA	-9,51066743	-0,017	0,302
CHR6	27841893	CHR6:27841893	SSF x LoA	-10,642123	0,002	0,312
CHR6	27841967	CHR6:27841967	SSF x LoA	-5,88845453	0,001	0,304
CHR6	27844001	CHR6:27844001	SSF x LoA	-7,42733801	0,144	0,307
CHR6	27844036	CHR6:27844036	SSF x LoA	-10,910799	-0,012	0,313
CHR6	27844106	CHR6:27844106	SSF x LoA	-10,3300146	-0,048	0,313
CHR6	27844215	CHR6:27844215	SSF x LoA	-9,29114263	0,148	0,299
CHR6	27846500	CHR6:27846500	SSF x LoA	-8,69789388	-0,012	0,317
CHR6	27846508	CHR6:27846508	SSF x LoA	-10,5652944	0,125	0,319
CHR6	27852184	CHR6:27852184	SSF x LoA	-11,138323	0,044	0,311
CHR6	27852226	CHR6:27852226	SSF x LoA	-8,32178642	0,062	0,303
CHR6	27852306	CHR6:27852306	SSF x LoA	-10,7605434	-0,044	0,309
CHR6	2785765	CHR6:2785765	SSF x LoA	-8,25639397	-0,111	0,318
CHR6	2785953	CHR6:2785953	SSF x LoA	-9,10781821	-0,017	0,301
CHR6	27867998	CHR6:27867998	SSF x LoA	-9,44578546	-0,008	0,310
CHR6	27868009	CHR6:27868009	SSF x LoA	-8,83593247	0,082	0,306
CHR6	27868112	CHR6:27868112	SSF x LoA	-7,9003571	-0,151	0,314
CHR6	27872830	CHR6:27872830	SSF x LoA	-9,81301247	-0,039	0,300
CHR6	27872875	CHR6:27872875	SSF x LoA	-9,76858923	0,056	0,316
CHR6	2788205	CHR6:2788205	SSF x LoA	-8,18830398	-0,128	0,293
CHR6	2788276	CHR6:2788276	SSF x LoA	-9,63993964	0,179	0,283
CHR6	2788450	CHR6:2788450	SSF x LoA	-10,3263481	-0,002	0,311
CHR6	27895643	CHR6:27895643	SSF x LoA	-10,9920121	0,052	0,313
CHR6	27895699	CHR6:27895699	SSF x LoA	-10,2084597	-0,088	0,298
CHR6	27895750	CHR6:27895750	SSF x LoA	-9,97046536	0,057	0,317
CHR6	27895825	CHR6:27895825	SSF x LoA	-10,6260518	-0,043	0,313
CHR6	27895901	CHR6:27895901	SSF x LoA	-9,90106767	0,035	0,316
CHR6	27899945	CHR6:27899945	SSF x LoA	-10,7426995	0,110	0,309
CHR6	27899954	CHR6:27899954	SSF x LoA	-10,807649	0,048	0,296
CHR6	27900016	CHR6:27900016	SSF x LoA	-11,7157605	-0,008	0,303
CHR6	27900119	CHR6:27900119	SSF x LoA	-8,45428332	0,047	0,295
CHR6	27913807	CHR6:27913807	SSF x LoA	-8,96894771	-0,023	0,307
CHR6	27915241	CHR6:27915241	SSF x LoA	-8,63860364	0,114	0,307
CHR6	27916197	CHR6:27916197	SSF x LoA	-7,92793815	-0,092	0,302
CHR6	27922051	CHR6:27922051	SSF x LoA	-11,3079585	0,036	0,320
CHR6	27922179	CHR6:27922179	SSF x LoA	-9,41841103	-0,052	0,323
CHR6	27922194	CHR6:27922194	SSF x LoA	-6,54500069	-0,128	0,300
CHR6	27930272	CHR6:27930272	SSF x LoA	-12,476255	-0,047	0,292
CHR6	27938956	CHR6:27938956	SSF x LoA	-8,93454072	0,046	0,293
CHR6	27945904	CHR6:27945904	SSF x LoA	-11,1221287	0,108	0,306
CHR6	27951844	CHR6:27951844	SSF x LoA	-8,3272562	0,105	0,304

CHR6	27951860	CHR6:27951860	SSF x LoA	-8,06818272	-0,072	0,290
CHR6	27951886	CHR6:27951886	SSF x LoA	-7,27330267	-0,051	0,304
CHR6	27965511	CHR6:27965511	SSF x LoA	-9,77489756	-0,099	0,279
CHR6	27975858	CHR6:27975858	SSF x LoA	-8,74705251	-0,081	0,309
CHR6	27980874	CHR6:27980874	SSF x LoA	-8,46162772	-0,120	0,308
CHR6	27980876	CHR6:27980876	SSF x LoA	-10,997258	0,029	0,313
CHR6	27990082	CHR6:27990082	SSF x LoA	-11,1421665	0,065	0,302
CHR6	27990108	CHR6:27990108	SSF x LoA	-1,06291074	0,065	0,315
CHR6	28003053	CHR6:28003053	SSF x LoA	-8,56837308	-0,085	0,291
CHR6	28009382	CHR6:28009382	SSF x LoA	-10,2037014	0,112	0,295
CHR6	28009383	CHR6:28009383	SSF x LoA	-10,1033955	-0,084	0,287
CHR6	28011908	CHR6:28011908	SSF x LoA	-11,7936774	-0,001	0,299
CHR6	28012025	CHR6:28012025	SSF x LoA	-8,13840047	-0,019	0,312
CHR6	28012090	CHR6:28012090	SSF x LoA	-8,76987881	-0,010	0,297
CHR6	28019561	CHR6:28019561	SSF x LoA	-9,91568581	0,102	0,296
CHR6	28035431	CHR6:28035431	SSF x LoA	-2,13537551	-0,098	0,305
CHR6	28035514	CHR6:28035514	SSF x LoA	-10,7263383	-0,018	0,320
CHR6	28035565	CHR6:28035565	SSF x LoA	-10,5639536	0,057	0,324
CHR6	28040815	CHR6:28040815	SSF x LoA	-7,33244994	-0,009	0,311
CHR6	28041535	CHR6:28041535	SSF x LoA	-9,3510312	-0,038	0,314
CHR6	28050440	CHR6:28050440	SSF x LoA	-8,89107394	-0,100	0,304
CHR6	28050459	CHR6:28050459	SSF x LoA	-10,2507469	-0,148	0,313
CHR6	28050555	CHR6:28050555	SSF x LoA	-8,17416707	0,024	0,304
CHR6	28053663	CHR6:28053663	SSF x LoA	-8,72205737	0,012	0,312
CHR6	28053697	CHR6:28053697	SSF x LoA	-8,36035311	0,044	0,309
CHR6	28061502	CHR6:28061502	SSF x LoA	-7,93124985	0,013	0,304
CHR6	28061505	CHR6:28061505	SSF x LoA	-9,33897143	0,012	0,316
CHR6	28066616	CHR6:28066616	SSF x LoA	-9,80485904	-0,014	0,289
CHR6	28066754	CHR6:28066754	SSF x LoA	-10,337354	-0,056	0,306
CHR6	28066907	CHR6:28066907	SSF x LoA	-9,0565294	0,093	0,294
CHR6	28077715	CHR6:28077715	SSF x LoA	-8,08148928	-0,009	0,313
CHR6	28077750	CHR6:28077750	SSF x LoA	-9,68918149	-0,007	0,312
CHR6	28077842	CHR6:28077842	SSF x LoA	-5,37116107	0,231	0,285
CHR6	28077843	CHR6:28077843	SSF x LoA	-10,0898218	-0,083	0,310
CHR6	28077848	CHR6:28077848	SSF x LoA	-9,89648288	-0,118	0,306
CHR6	28083188	CHR6:28083188	SSF x LoA	-7,14638133	0,102	0,304
CHR6	28083198	CHR6:28083198	SSF x LoA	-7,36780841	-0,163	0,306
CHR6	28083201	CHR6:28083201	SSF x LoA	-7,73226988	-0,136	0,285
CHR6	28083254	CHR6:28083254	SSF x LoA	-9,00038805	0,072	0,293
CHR6	28089940	CHR6:28089940	SSF x LoA	-11,0332267	0,071	0,313
CHR6	28089952	CHR6:28089952	SSF x LoA	-9,87746171	0,049	0,317
CHR6	28090073	CHR6:28090073	SSF x LoA	-10,1902718	0,064	0,305
CHR6	28090087	CHR6:28090087	SSF x LoA	-11,9208682	0,020	0,308
CHR6	28096606	CHR6:28096606	SSF x LoA	-10,0436624	0,135	0,302
CHR6	28102536	CHR6:28102536	SSF x LoA	-9,03801552	-0,103	0,282
CHR6	28102759	CHR6:28102759	SSF x LoA	-8,09539319	-0,037	0,293
CHR6	28105542	CHR6:28105542	SSF x LoA	-8,10518218	-0,083	0,301
CHR6	2811208	CHR6:2811208	SSF x LoA	-8,86524403	0,047	0,321
CHR6	2811236	CHR6:2811236	SSF x LoA	-7,68283839	0,111	0,296
CHR6	2811249	CHR6:2811249	SSF x LoA	-9,45892594	-0,023	0,306
CHR6	2811299	CHR6:2811299	SSF x LoA	-8,82999124	-0,026	0,316
CHR6	2811366	CHR6:2811366	SSF x LoA	-5,25183731	0,198	0,291
CHR6	2811495	CHR6:2811495	SSF x LoA	-8,15578119	-0,075	0,302

CHR6	28117092	CHR6:28117092	SSF x LoA	-3,47574034	0,186	0,293
CHR6	28131531	CHR6:28131531	SSF x LoA	-8,44044465	0,151	0,295
CHR6	28131688	CHR6:28131688	SSF x LoA	-8,10245711	-0,026	0,298
CHR6	28131698	CHR6:28131698	SSF x LoA	-9,6722606	-0,154	0,303
CHR6	28131715	CHR6:28131715	SSF x LoA	-8,7376238	-0,051	0,302
CHR6	28139654	CHR6:28139654	SSF x LoA	-2,19037055	0,066	0,314
CHR6	28150287	CHR6:28150287	SSF x LoA	-9,90675354	-0,032	0,299
CHR6	28150407	CHR6:28150407	SSF x LoA	-9,12167387	-0,010	0,296
CHR6	28150419	CHR6:28150419	SSF x LoA	-6,43610568	-0,029	0,306
CHR6	28150509	CHR6:28150509	SSF x LoA	-7,7874722	-0,115	0,313
CHR6	28150550	CHR6:28150550	SSF x LoA	-9,06497884	0,060	0,302
CHR6	28150556	CHR6:28150556	SSF x LoA	-9,44848708	0,112	0,313
CHR6	28157381	CHR6:28157381	SSF x LoA	-9,01149827	0,013	0,300
CHR6	28157475	CHR6:28157475	SSF x LoA	-9,85662687	0,054	0,305
CHR6	28162116	CHR6:28162116	SSF x LoA	-9,02718324	-0,043	0,315
CHR6	28162279	CHR6:28162279	SSF x LoA	-9,64644882	0,010	0,312
CHR6	28163064	CHR6:28163064	SSF x LoA	-6,83308525	-0,081	0,310
CHR6	28165828	CHR6:28165828	SSF x LoA	-9,35495434	-0,024	0,300
CHR6	28165852	CHR6:28165852	SSF x LoA	-7,18885588	-0,030	0,316
CHR6	28165869	CHR6:28165869	SSF x LoA	-11,2319821	0,002	0,297
CHR6	28165884	CHR6:28165884	SSF x LoA	-8,93218294	0,099	0,316
CHR6	28165911	CHR6:28165911	SSF x LoA	-9,3194247	-0,006	0,320
CHR6	28165913	CHR6:28165913	SSF x LoA	-5,69459363	0,039	0,305
CHR6	28165985	CHR6:28165985	SSF x LoA	-8,01942476	0,212	0,298
CHR6	28166052	CHR6:28166052	SSF x LoA	-8,88508994	-0,078	0,306
CHR6	28185619	CHR6:28185619	SSF x LoA	-8,15551811	0,093	0,295
CHR6	28189537	CHR6:28189537	SSF x LoA	-7,99038186	-0,056	0,298
CHR6	28189595	CHR6:28189595	SSF x LoA	-8,89329835	-0,016	0,304
CHR6	28189639	CHR6:28189639	SSF x LoA	-8,63547069	-0,021	0,305
CHR6	28197312	CHR6:28197312	SSF x LoA	-7,07825388	0,184	0,298
CHR6	28202080	CHR6:28202080	SSF x LoA	-9,13438921	0,071	0,299
CHR6	28202129	CHR6:28202129	SSF x LoA	-9,59709675	0,020	0,312
CHR6	28219995	CHR6:28219995	SSF x LoA	-6,99593231	-0,104	0,301
CHR6	28220033	CHR6:28220033	SSF x LoA	-8,61570493	-0,033	0,303
CHR6	28220133	CHR6:28220133	SSF x LoA	-9,74448367	-0,125	0,306
CHR6	2822276	CHR6:2822276	SSF x LoA	-9,90413416	-0,012	0,312
CHR6	28222768	CHR6:28222768	SSF x LoA	-8,48242326	-0,133	0,304
CHR6	2822302	CHR6:2822302	SSF x LoA	-9,60590216	0,001	0,307
CHR6	2822330	CHR6:2822330	SSF x LoA	-10,2723303	0,010	0,307
CHR6	2822344	CHR6:2822344	SSF x LoA	-7,81055252	0,047	0,303
CHR6	28229309	CHR6:28229309	SSF x LoA	-8,43595317	-0,070	0,332
CHR6	28229348	CHR6:28229348	SSF x LoA	-9,90178776	-0,038	0,307
CHR6	28229437	CHR6:28229437	SSF x LoA	-9,47433723	0,022	0,305
CHR6	28229447	CHR6:28229447	SSF x LoA	1,14321976	0,004	0,313
CHR6	28229467	CHR6:28229467	SSF x LoA	-9,03956486	0,012	0,296
CHR6	28229526	CHR6:28229526	SSF x LoA	-8,40931624	-0,022	0,308
CHR6	28229574	CHR6:28229574	SSF x LoA	-9,64107226	-0,027	0,287
CHR6	2823931	CHR6:2823931	SSF x LoA	-8,27414912	-0,084	0,306
CHR6	28244983	CHR6:28244983	SSF x LoA	-10,9397261	0,025	0,314
CHR6	28245242	CHR6:28245242	SSF x LoA	-9,82435697	0,009	0,311
CHR6	28249891	CHR6:28249891	SSF x LoA	-9,26511948	-0,104	0,301
CHR6	28249920	CHR6:28249920	SSF x LoA	-7,98081044	-0,019	0,302
CHR6	28259732	CHR6:28259732	SSF x LoA	-9,510381	0,083	0,301

CHR6	28259774	CHR6:28259774	SSF x LoA	-7,19767906	-0,002	0,319
CHR6	28259782	CHR6:28259782	SSF x LoA	-9,83545517	0,046	0,304
CHR6	2827140	CHR6:2827140	SSF x LoA	-2,66320247	-0,178	0,284
CHR6	28282813	CHR6:28282813	SSF x LoA	-8,53539076	0,073	0,299
CHR6	28282866	CHR6:28282866	SSF x LoA	-10,1710779	0,049	0,292
CHR6	28284173	CHR6:28284173	SSF x LoA	-10,456046	0,076	0,311
CHR6	28284206	CHR6:28284206	SSF x LoA	-8,45496934	-0,002	0,313
CHR6	282845	CHR6:282845	SSF x LoA	-10,7444011	0,030	0,311
CHR6	282974	CHR6:282974	SSF x LoA	-11,0780383	-0,014	0,325
CHR6	28301907	CHR6:28301907	SSF x LoA	-9,18970344	-0,069	0,305
CHR6	28302018	CHR6:28302018	SSF x LoA	-9,51723473	-0,042	0,321
CHR6	28358894	CHR6:28358894	SSF x LoA	-8,23788251	-0,073	0,300
CHR6	28367172	CHR6:28367172	SSF x LoA	-9,07558619	0,018	0,293
CHR6	28367246	CHR6:28367246	SSF x LoA	-7,12322103	-0,006	0,303
CHR6	28367407	CHR6:28367407	SSF x LoA	-10,0639903	-0,003	0,319
CHR6	28368558	CHR6:28368558	SSF x LoA	-11,3035927	-0,036	0,288
CHR6	28370333	CHR6:28370333	SSF x LoA	-8,56737008	-0,143	0,303
CHR6	28370336	CHR6:28370336	SSF x LoA	-7,59565447	0,152	0,296
CHR6	28370441	CHR6:28370441	SSF x LoA	-9,41348791	-0,036	0,311
CHR6	28383843	CHR6:28383843	SSF x LoA	-9,50452922	-0,045	0,307
CHR6	28383951	CHR6:28383951	SSF x LoA	-9,44380217	-0,063	0,305
CHR6	28383963	CHR6:28383963	SSF x LoA	-5,73616771	0,151	0,304
CHR6	28383975	CHR6:28383975	SSF x LoA	-10,227574	-0,003	0,309
CHR6	28383992	CHR6:28383992	SSF x LoA	-11,6058773	0,009	0,310
CHR6	28383995	CHR6:28383995	SSF x LoA	-10,2010231	-0,089	0,299
CHR6	28384037	CHR6:28384037	SSF x LoA	-10,2552055	0,134	0,301
CHR6	28391132	CHR6:28391132	SSF x LoA	-9,34650706	0,028	0,307
CHR6	28392857	CHR6:28392857	SSF x LoA	-11,586519	0,051	0,311
CHR6	28392871	CHR6:28392871	SSF x LoA	-8,62808065	-0,014	0,316
CHR6	28396659	CHR6:28396659	SSF x LoA	-9,16933791	-0,003	0,315
CHR6	28396702	CHR6:28396702	SSF x LoA	-6,50557155	-0,118	0,321
CHR6	28400861	CHR6:28400861	SSF x LoA	-9,35136697	0,071	0,299
CHR6	28400933	CHR6:28400933	SSF x LoA	-11,7376815	-0,009	0,304
CHR6	28400934	CHR6:28400934	SSF x LoA	-11,1936902	-0,006	0,305
CHR6	28405116	CHR6:28405116	SSF x LoA	-8,74448589	-0,114	0,301
CHR6	28405177	CHR6:28405177	SSF x LoA	-10,2212844	0,013	0,298
CHR6	28405781	CHR6:28405781	SSF x LoA	-5,20859155	-0,063	0,328
CHR6	28405810	CHR6:28405810	SSF x LoA	-8,88310445	-0,125	0,302
CHR6	28406074	CHR6:28406074	SSF x LoA	-11,0109996	-0,070	0,283
CHR6	28406175	CHR6:28406175	SSF x LoA	-9,25095421	0,047	0,305
CHR6	28412119	CHR6:28412119	SSF x LoA	-10,2483702	-0,075	0,312
CHR6	28414301	CHR6:28414301	SSF x LoA	-9,45314162	0,066	0,307
CHR6	28414308	CHR6:28414308	SSF x LoA	-11,1390756	-0,080	0,301
CHR6	28414406	CHR6:28414406	SSF x LoA	-8,41574954	-0,020	0,311
CHR6	28414419	CHR6:28414419	SSF x LoA	-8,41244465	0,034	0,294
CHR6	28423212	CHR6:28423212	SSF x LoA	-8,32647837	0,002	0,310
CHR6	28423262	CHR6:28423262	SSF x LoA	-7,60304279	0,093	0,303
CHR6	28423392	CHR6:28423392	SSF x LoA	-11,106561	-0,096	0,297
CHR6	28423407	CHR6:28423407	SSF x LoA	-10,2657255	-0,069	0,317
CHR6	28423425	CHR6:28423425	SSF x LoA	-10,7718664	-0,159	0,292
CHR6	28447291	CHR6:28447291	SSF x LoA	-12,1631677	0,039	0,295
CHR6	28447322	CHR6:28447322	SSF x LoA	-7,0901133	-0,089	0,317
CHR6	28447434	CHR6:28447434	SSF x LoA	-9,72643304	-0,035	0,311

CHR6	28447465	CHR6:28447465	SSF x LoA	-5,52617063	0,130	0,298
CHR6	28452009	CHR6:28452009	SSF x LoA	-10,3268601	0,030	0,305
CHR6	28475839	CHR6:28475839	SSF x LoA	-9,95030386	0,064	0,311
CHR6	28481157	CHR6:28481157	SSF x LoA	-7,76150646	-0,115	0,312
CHR6	28481275	CHR6:28481275	SSF x LoA	-8,09594819	0,062	0,314
CHR6	2849744	CHR6:2849744	SSF x LoA	-10,9296683	0,096	0,312
CHR6	2849846	CHR6:2849846	SSF x LoA	-7,20394041	0,132	0,296
CHR6	2849876	CHR6:2849876	SSF x LoA	-4,10980865	0,161	0,302
CHR6	28512788	CHR6:28512788	SSF x LoA	-9,06466666	-0,126	0,311
CHR6	2852251	CHR6:2852251	SSF x LoA	-5,73676956	-0,098	0,313
CHR6	2852286	CHR6:2852286	SSF x LoA	-9,8448492	0,008	0,307
CHR6	2852426	CHR6:2852426	SSF x LoA	-8,05937483	-0,184	0,302
CHR6	28537323	CHR6:28537323	SSF x LoA	-10,0657563	0,044	0,316
CHR6	28537382	CHR6:28537382	SSF x LoA	-7,47890697	0,135	0,296
CHR6	28537442	CHR6:28537442	SSF x LoA	-6,78368028	0,032	0,315
CHR6	28542269	CHR6:28542269	SSF x LoA	-6,94146438	0,028	0,311
CHR6	28546506	CHR6:28546506	SSF x LoA	-9,85931876	0,129	0,295
CHR6	28574383	CHR6:28574383	SSF x LoA	-5,12032387	-0,018	0,308
CHR6	28580762	CHR6:28580762	SSF x LoA	-10,7709449	0,039	0,321
CHR6	28584471	CHR6:28584471	SSF x LoA	-9,75690088	0,011	0,308
CHR6	28584621	CHR6:28584621	SSF x LoA	-9,68003217	0,044	0,301
CHR6	28584639	CHR6:28584639	SSF x LoA	-5,18896694	0,045	0,309
CHR6	28587560	CHR6:28587560	SSF x LoA	-9,95682268	-0,136	0,322
CHR6	28587574	CHR6:28587574	SSF x LoA	-6,9234673	-0,212	0,306
CHR6	28589999	CHR6:28589999	SSF x LoA	-10,5986167	-0,005	0,307
CHR6	28590066	CHR6:28590066	SSF x LoA	-8,91990877	0,092	0,300
CHR6	2859309	CHR6:2859309	SSF x LoA	-7,25637949	0,131	0,302
CHR6	28609255	CHR6:28609255	SSF x LoA	-7,0620114	-0,104	0,298
CHR6	28611134	CHR6:28611134	SSF x LoA	-11,2404949	0,010	0,312
CHR6	28614963	CHR6:28614963	SSF x LoA	-7,62935735	-0,133	0,299
CHR6	28615098	CHR6:28615098	SSF x LoA	-8,79560782	0,010	0,298
CHR6	28615153	CHR6:28615153	SSF x LoA	-9,58777308	-0,070	0,305
CHR6	28619556	CHR6:28619556	SSF x LoA	-8,04171192	0,084	0,313
CHR6	28619803	CHR6:28619803	SSF x LoA	-10,2848289	0,025	0,318
CHR6	28641340	CHR6:28641340	SSF x LoA	-9,10208605	0,126	0,311
CHR6	28668580	CHR6:28668580	SSF x LoA	-8,56797824	0,111	0,304
CHR6	28676741	CHR6:28676741	SSF x LoA	-8,21483766	-0,007	0,316
CHR6	28676768	CHR6:28676768	SSF x LoA	-9,41627369	0,040	0,315
CHR6	28702394	CHR6:28702394	SSF x LoA	-9,47826945	0,086	0,326
CHR6	28705172	CHR6:28705172	SSF x LoA	-6,10570562	-0,025	0,324
CHR6	28706933	CHR6:28706933	SSF x LoA	-7,73632832	-0,214	0,304
CHR6	28709114	CHR6:28709114	SSF x LoA	-9,7973298	0,030	0,300
CHR6	28719001	CHR6:28719001	SSF x LoA	-9,50875785	0,014	0,302
CHR6	2872672	CHR6:2872672	SSF x LoA	-3,43768545	0,117	0,309
CHR6	28735770	CHR6:28735770	SSF x LoA	-11,7109988	-0,051	0,311
CHR6	2875275	CHR6:2875275	SSF x LoA	-1,89360119	-0,128	0,283
CHR6	2875276	CHR6:2875276	SSF x LoA	-8,04814402	-0,099	0,292
CHR6	28775660	CHR6:28775660	SSF x LoA	-9,408534	-0,007	0,311
CHR6	28775905	CHR6:28775905	SSF x LoA	-8,65892841	-0,049	0,321
CHR6	28801170	CHR6:28801170	SSF x LoA	-7,02143887	0,126	0,298
CHR6	28801191	CHR6:28801191	SSF x LoA	-10,8974694	-0,089	0,301
CHR6	28808647	CHR6:28808647	SSF x LoA	-7,88371805	-0,166	0,296
CHR6	28827606	CHR6:28827606	SSF x LoA	-3,00900041	0,069	0,310

CHR6	28827723	CHR6:28827723	SSF x LoA	-7,70355662	0,029	0,300
CHR6	28869645	CHR6:28869645	SSF x LoA	-10,6352033	0,012	0,315
CHR6	28902345	CHR6:28902345	SSF x LoA	-10,6075237	-0,090	0,303
CHR6	28902429	CHR6:28902429	SSF x LoA	-9,70290212	-0,070	0,316
CHR6	289075	CHR6:289075	SSF x LoA	-8,14828012	-0,036	0,315
CHR6	289083	CHR6:289083	SSF x LoA	-8,7238774	-0,016	0,307
CHR6	289128	CHR6:289128	SSF x LoA	-8,93886757	-0,016	0,301
CHR6	28924164	CHR6:28924164	SSF x LoA	-11,0406642	0,045	0,304
CHR6	28932804	CHR6:28932804	SSF x LoA	-10,9924541	-0,002	0,308
CHR6	2899192	CHR6:2899192	SSF x LoA	-11,0973129	0,019	0,304
CHR6	2906345	CHR6:2906345	SSF x LoA	-7,02740607	0,177	0,290
CHR6	2910809	CHR6:2910809	SSF x LoA	-2,59447774	-0,027	0,302
CHR6	2914815	CHR6:2914815	SSF x LoA	-10,0953347	0,128	0,305
CHR6	2936259	CHR6:2936259	SSF x LoA	-10,936667	0,062	0,307
CHR6	2967088	CHR6:2967088	SSF x LoA	-11,2564601	0,067	0,299
CHR6	2967141	CHR6:2967141	SSF x LoA	-11,1355351	0,017	0,306
CHR6	2967174	CHR6:2967174	SSF x LoA	-6,76601036	-0,121	0,303
CHR6	2967178	CHR6:2967178	SSF x LoA	-9,71031759	-0,060	0,306
CHR6	2967208	CHR6:2967208	SSF x LoA	-8,82927513	-0,020	0,308
CHR6	2967212	CHR6:2967212	SSF x LoA	-9,27206559	0,033	0,292
CHR6	2967213	CHR6:2967213	SSF x LoA	-9,48313567	-0,017	0,305
CHR6	2970009	CHR6:2970009	SSF x LoA	-8,69749361	-0,023	0,318
CHR6	3002963	CHR6:3002963	SSF x LoA	-8,85795157	0,067	0,312
CHR6	3003033	CHR6:3003033	SSF x LoA	-10,0595419	0,054	0,309
CHR6	3003034	CHR6:3003034	SSF x LoA	-4,81825909	0,085	0,303
CHR6	3003040	CHR6:3003040	SSF x LoA	-9,07739941	0,031	0,305
CHR6	3003084	CHR6:3003084	SSF x LoA	-11,9782005	0,010	0,294
CHR6	3003100	CHR6:3003100	SSF x LoA	-9,89587764	0,142	0,308
CHR6	3003108	CHR6:3003108	SSF x LoA	-8,09579897	-0,068	0,303
CHR6	3003118	CHR6:3003118	SSF x LoA	-5,34334815	0,156	0,304
CHR6	3003120	CHR6:3003120	SSF x LoA	-7,82658011	-0,075	0,295
CHR6	3023636	CHR6:3023636	SSF x LoA	-10,2514329	-0,035	0,318
CHR6	3026782	CHR6:3026782	SSF x LoA	-8,89378149	0,026	0,315
CHR6	3026929	CHR6:3026929	SSF x LoA	-7,76933762	0,091	0,312
CHR6	3026932	CHR6:3026932	SSF x LoA	0,24390056	0,095	0,300
CHR6	3026946	CHR6:3026946	SSF x LoA	-7,34765531	0,057	0,308
CHR6	3027008	CHR6:3027008	SSF x LoA	-9,30496453	-0,057	0,312
CHR6	3044704	CHR6:3044704	SSF x LoA	-10,9447344	0,088	0,296
CHR6	3044907	CHR6:3044907	SSF x LoA	-8,42680971	0,006	0,298
CHR6	3065886	CHR6:3065886	SSF x LoA	-10,9775181	0,021	0,312
CHR6	3065945	CHR6:3065945	SSF x LoA	-10,7450119	0,068	0,307
CHR6	3066140	CHR6:3066140	SSF x LoA	-11,2327274	-0,060	0,305
CHR6	3066145	CHR6:3066145	SSF x LoA	-10,6670883	-0,081	0,320
CHR6	3067732	CHR6:3067732	SSF x LoA	-6,65759324	0,098	0,315
CHR6	3067760	CHR6:3067760	SSF x LoA	-9,55849679	0,008	0,301
CHR6	3067810	CHR6:3067810	SSF x LoA	-8,73493949	0,144	0,304
CHR6	3067817	CHR6:3067817	SSF x LoA	-9,36258678	-0,111	0,312
CHR6	3067843	CHR6:3067843	SSF x LoA	-10,3109504	-0,070	0,311
CHR6	3067854	CHR6:3067854	SSF x LoA	-11,1855918	0,081	0,305
CHR6	3067877	CHR6:3067877	SSF x LoA	-5,58789247	-0,111	0,310
CHR6	3067885	CHR6:3067885	SSF x LoA	-8,66958019	0,054	0,317
CHR6	3067904	CHR6:3067904	SSF x LoA	-9,33370276	0,029	0,306
CHR6	3067907	CHR6:3067907	SSF x LoA	-4,77941686	0,012	0,313

CHR6	3073853	CHR6:3073853	SSF x LoA	-8,59147235	0,022	0,312
CHR6	3080746	CHR6:3080746	SSF x LoA	-8,20943534	0,064	0,298
CHR6	3085957	CHR6:3085957	SSF x LoA	-10,4568108	0,007	0,306
CHR6	3086053	CHR6:3086053	SSF x LoA	-8,53830447	0,016	0,307
CHR6	3086141	CHR6:3086141	SSF x LoA	-11,0171603	0,013	0,306
CHR6	3086182	CHR6:3086182	SSF x LoA	-9,55329087	0,128	0,306
CHR6	3086194	CHR6:3086194	SSF x LoA	-8,80030756	-0,007	0,296
CHR6	3089582	CHR6:3089582	SSF x LoA	-9,66046891	0,056	0,293
CHR6	3098258	CHR6:3098258	SSF x LoA	-10,2239101	0,034	0,313
CHR6	3110559	CHR6:3110559	SSF x LoA	-11,4676084	-0,059	0,313
CHR6	3110580	CHR6:3110580	SSF x LoA	-4,79674866	-0,192	0,284
CHR6	3110581	CHR6:3110581	SSF x LoA	-6,85607833	-0,183	0,284
CHR6	3110611	CHR6:3110611	SSF x LoA	-11,8189409	-0,008	0,305
CHR6	3110765	CHR6:3110765	SSF x LoA	-10,3275416	0,016	0,312
CHR6	3110809	CHR6:3110809	SSF x LoA	-8,41142645	-0,069	0,312
CHR6	3110810	CHR6:3110810	SSF x LoA	-7,36912173	-0,048	0,307
CHR6	3110817	CHR6:3110817	SSF x LoA	-9,85947163	-0,048	0,300
CHR6	3110888	CHR6:3110888	SSF x LoA	-9,70630831	-0,083	0,296
CHR6	3110921	CHR6:3110921	SSF x LoA	-6,42314452	0,138	0,306
CHR6	3110947	CHR6:3110947	SSF x LoA	-8,24315485	-0,106	0,315
CHR6	3110967	CHR6:3110967	SSF x LoA	-6,37529621	0,174	0,299
CHR6	312175	CHR6:312175	SSF x LoA	-10,8161004	-0,110	0,300
CHR6	312383	CHR6:312383	SSF x LoA	-8,10292576	-0,088	0,300
CHR6	312392	CHR6:312392	SSF x LoA	-9,80866823	-0,013	0,317
CHR6	312469	CHR6:312469	SSF x LoA	-8,2020305	-0,086	0,310
CHR6	3125672	CHR6:3125672	SSF x LoA	-10,3342164	-0,154	0,312
CHR6	3125676	CHR6:3125676	SSF x LoA	-10,2288582	0,095	0,307
CHR6	3125696	CHR6:3125696	SSF x LoA	-6,30187333	-0,046	0,319
CHR6	3125737	CHR6:3125737	SSF x LoA	-8,04920068	0,100	0,296
CHR6	3125778	CHR6:3125778	SSF x LoA	-10,2885089	-0,034	0,300
CHR6	3128482	CHR6:3128482	SSF x LoA	5,36513906	-0,048	0,308
CHR6	3128924	CHR6:3128924	SSF x LoA	-9,39179706	0,035	0,303
CHR6	3128959	CHR6:3128959	SSF x LoA	-9,3227709	-0,052	0,309
CHR6	3128986	CHR6:3128986	SSF x LoA	-1,73000017	0,063	0,307
CHR6	3148062	CHR6:3148062	SSF x LoA	-11,212892	-0,035	0,309
CHR6	3148125	CHR6:3148125	SSF x LoA	-10,6729749	0,088	0,301
CHR6	3149211	CHR6:3149211	SSF x LoA	-8,55188164	0,086	0,304
CHR6	3149213	CHR6:3149213	SSF x LoA	-9,57518098	0,052	0,314
CHR6	3149245	CHR6:3149245	SSF x LoA	-10,5221222	-0,048	0,309
CHR6	3158351	CHR6:3158351	SSF x LoA	-8,03626466	0,097	0,314
CHR6	3158358	CHR6:3158358	SSF x LoA	-9,88189377	0,021	0,304
CHR6	3158433	CHR6:3158433	SSF x LoA	-7,49740528	-0,012	0,309
CHR6	3160722	CHR6:3160722	SSF x LoA	-8,89399511	-0,038	0,307
CHR6	3160783	CHR6:3160783	SSF x LoA	-8,83247779	0,030	0,307
CHR6	3160786	CHR6:3160786	SSF x LoA	-10,5439566	-0,036	0,305
CHR6	3163831	CHR6:3163831	SSF x LoA	-10,2232641	-0,039	0,312
CHR6	3163835	CHR6:3163835	SSF x LoA	-7,37921843	0,123	0,299
CHR6	3163951	CHR6:3163951	SSF x LoA	-10,6311028	0,004	0,306
CHR6	3183384	CHR6:3183384	SSF x LoA	-12,2790891	-0,026	0,305
CHR6	3183508	CHR6:3183508	SSF x LoA	-8,58456586	-0,056	0,309
CHR6	3186424	CHR6:3186424	SSF x LoA	-9,4574857	0,071	0,305
CHR6	318709	CHR6:318709	SSF x LoA	-10,9918189	-0,047	0,306
CHR6	318737	CHR6:318737	SSF x LoA	-11,247343	0,052	0,298

CHR6	318740	CHR6:318740	SSF x LoA	-7,80556887	0,027	0,307
CHR6	318746	CHR6:318746	SSF x LoA	-9,87007724	0,027	0,285
CHR6	318768	CHR6:318768	SSF x LoA	-8,44855265	-0,108	0,307
CHR6	318828	CHR6:318828	SSF x LoA	-8,15461543	-0,074	0,312
CHR6	318859	CHR6:318859	SSF x LoA	-10,9418093	0,008	0,301
CHR6	3189392	CHR6:3189392	SSF x LoA	-9,45779166	0,023	0,308
CHR6	3189606	CHR6:3189606	SSF x LoA	-3,30753032	0,121	0,299
CHR6	3202586	CHR6:3202586	SSF x LoA	-11,0079237	0,100	0,301
CHR6	3202598	CHR6:3202598	SSF x LoA	-8,58905852	-0,001	0,310
CHR6	3202670	CHR6:3202670	SSF x LoA	-10,8170809	0,042	0,317
CHR6	3202696	CHR6:3202696	SSF x LoA	-7,9569771	-0,160	0,306
CHR6	3202706	CHR6:3202706	SSF x LoA	-9,34114468	0,048	0,305
CHR6	3202872	CHR6:3202872	SSF x LoA	-11,4122414	-0,065	0,303
CHR6	3205495	CHR6:3205495	SSF x LoA	-7,63428441	-0,141	0,293
CHR6	3205506	CHR6:3205506	SSF x LoA	-8,03174464	0,139	0,302
CHR6	3205517	CHR6:3205517	SSF x LoA	-9,27255035	0,044	0,312
CHR6	3205542	CHR6:3205542	SSF x LoA	-9,87375995	0,144	0,305
CHR6	3225163	CHR6:3225163	SSF x LoA	-8,79834332	0,052	0,316
CHR6	3225297	CHR6:3225297	SSF x LoA	-9,48088685	0,090	0,314
CHR6	3237905	CHR6:3237905	SSF x LoA	-6,5889345	0,110	0,313
CHR6	3238008	CHR6:3238008	SSF x LoA	-11,0545423	-0,064	0,305
CHR6	3240955	CHR6:3240955	SSF x LoA	-8,36028443	-0,014	0,325
CHR6	3245125	CHR6:3245125	SSF x LoA	-8,94739566	-0,021	0,317
CHR6	3245166	CHR6:3245166	SSF x LoA	-6,65963245	0,071	0,329
CHR6	3245186	CHR6:3245186	SSF x LoA	-10,5540161	-0,023	0,302
CHR6	3245190	CHR6:3245190	SSF x LoA	-9,16660078	-0,036	0,325
CHR6	3245204	CHR6:3245204	SSF x LoA	-10,2526268	0,096	0,303
CHR6	3245210	CHR6:3245210	SSF x LoA	-10,7611365	0,071	0,306
CHR6	3245298	CHR6:3245298	SSF x LoA	-10,7756981	0,038	0,299
CHR6	3245320	CHR6:3245320	SSF x LoA	-10,1024225	-0,007	0,313
CHR6	3245335	CHR6:3245335	SSF x LoA	-9,27338724	0,020	0,313
CHR6	3245336	CHR6:3245336	SSF x LoA	-11,7547209	0,020	0,300
CHR6	3245337	CHR6:3245337	SSF x LoA	-9,20023306	-0,009	0,302
CHR6	3245374	CHR6:3245374	SSF x LoA	-7,04879455	0,046	0,318
CHR6	3249941	CHR6:3249941	SSF x LoA	-7,61729822	0,026	0,303
CHR6	3251739	CHR6:3251739	SSF x LoA	-9,60423594	0,040	0,311
CHR6	3256926	CHR6:3256926	SSF x LoA	-10,0448427	0,015	0,310
CHR6	3256953	CHR6:3256953	SSF x LoA	-9,23284508	-0,099	0,290
CHR6	3257026	CHR6:3257026	SSF x LoA	-9,76027113	0,027	0,315
CHR6	3257029	CHR6:3257029	SSF x LoA	-4,87742612	0,176	0,307
CHR6	3257034	CHR6:3257034	SSF x LoA	-6,53597311	0,187	0,304
CHR6	3257035	CHR6:3257035	SSF x LoA	-2,93759397	0,106	0,309
CHR6	3257134	CHR6:3257134	SSF x LoA	-10,3224735	-0,082	0,303
CHR6	3258358	CHR6:3258358	SSF x LoA	-9,88011798	-0,095	0,297
CHR6	3258396	CHR6:3258396	SSF x LoA	-9,7371293	-0,090	0,323
CHR6	3258462	CHR6:3258462	SSF x LoA	-7,9182777	0,002	0,308
CHR6	3258545	CHR6:3258545	SSF x LoA	-7,16639086	0,075	0,315
CHR6	3258555	CHR6:3258555	SSF x LoA	-7,35113846	-0,161	0,290
CHR6	3283130	CHR6:3283130	SSF x LoA	-8,25464807	0,137	0,305
CHR6	3285419	CHR6:3285419	SSF x LoA	-7,98049424	0,046	0,300
CHR6	3285460	CHR6:3285460	SSF x LoA	-8,19973273	0,020	0,306
CHR6	3285492	CHR6:3285492	SSF x LoA	-2,58503514	0,025	0,317
CHR6	3285531	CHR6:3285531	SSF x LoA	-6,88926127	-0,037	0,317

CHR6	3285533	CHR6:3285533	SSF x LoA	-9,48253421	-0,023	0,309
CHR6	3287401	CHR6:3287401	SSF x LoA	-5,49232593	-0,134	0,302
CHR6	3289714	CHR6:3289714	SSF x LoA	-9,0530912	-0,014	0,297
CHR6	3298878	CHR6:3298878	SSF x LoA	-10,1331493	0,052	0,309
CHR6	3298888	CHR6:3298888	SSF x LoA	-10,0058994	-0,027	0,295
CHR6	3298908	CHR6:3298908	SSF x LoA	-7,97139914	0,001	0,310
CHR6	3313513	CHR6:3313513	SSF x LoA	-7,84094667	-0,020	0,316
CHR6	3313526	CHR6:3313526	SSF x LoA	-10,9801471	-0,006	0,303
CHR6	3326856	CHR6:3326856	SSF x LoA	-6,36290482	0,125	0,311
CHR6	3326921	CHR6:3326921	SSF x LoA	-7,18956074	0,081	0,312
CHR6	3350977	CHR6:3350977	SSF x LoA	-9,6675338	0,027	0,302
CHR6	3351045	CHR6:3351045	SSF x LoA	-9,71420367	0,176	0,311
CHR6	3382541	CHR6:3382541	SSF x LoA	-9,01485774	-0,017	0,314
CHR6	3382719	CHR6:3382719	SSF x LoA	-6,83026511	-0,072	0,305
CHR6	3401457	CHR6:3401457	SSF x LoA	-10,2607211	-0,132	0,308
CHR6	3406750	CHR6:3406750	SSF x LoA	-9,71677292	-0,098	0,294
CHR6	3406752	CHR6:3406752	SSF x LoA	-8,89450294	-0,140	0,298
CHR6	3418111	CHR6:3418111	SSF x LoA	-8,1389719	-0,086	0,304
CHR6	342554	CHR6:342554	SSF x LoA	-7,93657571	-0,163	0,283
CHR6	342570	CHR6:342570	SSF x LoA	-10,4947232	-0,014	0,305
CHR6	3426110	CHR6:3426110	SSF x LoA	-10,7553468	0,025	0,316
CHR6	3426115	CHR6:3426115	SSF x LoA	-7,36792666	0,084	0,309
CHR6	3426119	CHR6:3426119	SSF x LoA	-9,90605734	0,075	0,308
CHR6	3426133	CHR6:3426133	SSF x LoA	-11,095977	0,050	0,312
CHR6	3429018	CHR6:3429018	SSF x LoA	-6,5717117	0,148	0,301
CHR6	3429034	CHR6:3429034	SSF x LoA	-7,39130885	-0,077	0,313
CHR6	3429049	CHR6:3429049	SSF x LoA	-9,60889148	-0,032	0,295
CHR6	3429110	CHR6:3429110	SSF x LoA	-8,96926088	-0,028	0,286
CHR6	3429121	CHR6:3429121	SSF x LoA	-9,09735251	0,009	0,295
CHR6	3429133	CHR6:3429133	SSF x LoA	-6,5487993	0,086	0,316
CHR6	3429171	CHR6:3429171	SSF x LoA	-10,4824837	0,040	0,292
CHR6	3433007	CHR6:3433007	SSF x LoA	-8,6386959	-0,051	0,298
CHR6	3433009	CHR6:3433009	SSF x LoA	-10,649015	0,013	0,313
CHR6	3433012	CHR6:3433012	SSF x LoA	-7,81258452	0,138	0,299
CHR6	3433015	CHR6:3433015	SSF x LoA	-10,7716567	0,050	0,312
CHR6	3441083	CHR6:3441083	SSF x LoA	-9,56338798	-0,040	0,309
CHR6	3441091	CHR6:3441091	SSF x LoA	-8,08489253	-0,045	0,319
CHR6	3441107	CHR6:3441107	SSF x LoA	-9,76617733	-0,024	0,303
CHR6	3441108	CHR6:3441108	SSF x LoA	-10,2935099	-0,039	0,308
CHR6	3441170	CHR6:3441170	SSF x LoA	-9,37410821	-0,063	0,300
CHR6	3441196	CHR6:3441196	SSF x LoA	-11,0360476	-0,065	0,301
CHR6	3441245	CHR6:3441245	SSF x LoA	-8,13416361	-0,038	0,295
CHR6	3441320	CHR6:3441320	SSF x LoA	-10,2365749	0,024	0,318
CHR6	344370	CHR6:344370	SSF x LoA	-6,67072465	0,116	0,303
CHR6	344426	CHR6:344426	SSF x LoA	-7,77317482	0,063	0,310
CHR6	3448396	CHR6:3448396	SSF x LoA	-9,25784193	0,028	0,313
CHR6	3448766	CHR6:3448766	SSF x LoA	-10,4860276	-0,061	0,302
CHR6	3455763	CHR6:3455763	SSF x LoA	-9,10978206	-0,164	0,292
CHR6	3477420	CHR6:3477420	SSF x LoA	-9,05445108	0,033	0,311
CHR6	3477461	CHR6:3477461	SSF x LoA	-8,35689583	0,047	0,289
CHR6	3480337	CHR6:3480337	SSF x LoA	-8,42517541	0,035	0,304
CHR6	3480364	CHR6:3480364	SSF x LoA	-8,54946371	-0,006	0,300
CHR6	3480396	CHR6:3480396	SSF x LoA	-12,2132286	-0,020	0,305

CHR6	3480408	CHR6:3480408	SSF x LoA	-10,3161347	0,015	0,324
CHR6	3480457	CHR6:3480457	SSF x LoA	-8,07783502	0,059	0,302
CHR6	3486370	CHR6:3486370	SSF x LoA	-8,94865116	0,058	0,299
CHR6	3486433	CHR6:3486433	SSF x LoA	-5,77023022	-0,078	0,312
CHR6	3486458	CHR6:3486458	SSF x LoA	-8,62818101	-0,086	0,272
CHR6	3486485	CHR6:3486485	SSF x LoA	-5,39472433	0,131	0,303
CHR6	3486505	CHR6:3486505	SSF x LoA	-11,3063618	-0,016	0,307
CHR6	3486543	CHR6:3486543	SSF x LoA	-8,46443888	0,117	0,303
CHR6	3516459	CHR6:3516459	SSF x LoA	-9,54791818	0,068	0,305
CHR6	3516506	CHR6:3516506	SSF x LoA	-10,6222378	0,036	0,309
CHR6	3518355	CHR6:3518355	SSF x LoA	3,97281101	0,164	0,297
CHR6	3529573	CHR6:3529573	SSF x LoA	-10,4618801	-0,067	0,308
CHR6	3529607	CHR6:3529607	SSF x LoA	-10,6020476	0,067	0,308
CHR6	3532691	CHR6:3532691	SSF x LoA	-9,58420648	-0,154	0,294
CHR6	3532774	CHR6:3532774	SSF x LoA	-11,1085239	-0,026	0,291
CHR6	3532840	CHR6:3532840	SSF x LoA	-9,55334333	-0,032	0,314
CHR6	3532848	CHR6:3532848	SSF x LoA	-10,1682588	-0,061	0,302
CHR6	3532880	CHR6:3532880	SSF x LoA	-8,81949314	-0,032	0,309
CHR6	3532915	CHR6:3532915	SSF x LoA	-9,67853409	0,080	0,305
CHR6	3537079	CHR6:3537079	SSF x LoA	-9,50820155	0,012	0,314
CHR6	3537111	CHR6:3537111	SSF x LoA	-11,4655624	0,014	0,295
CHR6	3537212	CHR6:3537212	SSF x LoA	-8,14661594	0,024	0,312
CHR6	3543075	CHR6:3543075	SSF x LoA	-7,76446371	-0,051	0,310
CHR6	3543756	CHR6:3543756	SSF x LoA	-9,39647376	-0,037	0,302
CHR6	3545367	CHR6:3545367	SSF x LoA	-11,7041562	0,011	0,297
CHR6	3545636	CHR6:3545636	SSF x LoA	-9,91060995	0,027	0,308
CHR6	355101	CHR6:355101	SSF x LoA	-9,10955045	-0,002	0,305
CHR6	355232	CHR6:355232	SSF x LoA	-8,78724595	-0,091	0,310
CHR6	355250	CHR6:355250	SSF x LoA	-5,58550259	0,091	0,318
CHR6	3559134	CHR6:3559134	SSF x LoA	-8,05436487	0,060	0,300
CHR6	3559340	CHR6:3559340	SSF x LoA	-9,38484193	0,044	0,300
CHR6	3563785	CHR6:3563785	SSF x LoA	-9,56667589	-0,004	0,310
CHR6	3563819	CHR6:3563819	SSF x LoA	-2,63780156	-0,039	0,316
CHR6	3569714	CHR6:3569714	SSF x LoA	-10,8338326	0,018	0,310
CHR6	3588493	CHR6:3588493	SSF x LoA	-11,1819952	-0,015	0,302
CHR6	3588495	CHR6:3588495	SSF x LoA	-6,15890697	-0,034	0,313
CHR6	3588513	CHR6:3588513	SSF x LoA	-10,4115848	-0,042	0,303
CHR6	3588561	CHR6:3588561	SSF x LoA	-8,43093619	0,113	0,300
CHR6	3591249	CHR6:3591249	SSF x LoA	-8,19842225	-0,100	0,306
CHR6	3591251	CHR6:3591251	SSF x LoA	-5,84540866	-0,124	0,293
CHR6	3591252	CHR6:3591252	SSF x LoA	-9,11238902	-0,083	0,287
CHR6	3591331	CHR6:3591331	SSF x LoA	-9,12837948	0,019	0,302
CHR6	359312	CHR6:359312	SSF x LoA	-9,16590332	-0,024	0,293
CHR6	359325	CHR6:359325	SSF x LoA	-10,0606698	0,043	0,309
CHR6	359326	CHR6:359326	SSF x LoA	-8,57439298	-0,042	0,313
CHR6	3594176	CHR6:3594176	SSF x LoA	-9,56857546	-0,051	0,315
CHR6	3595774	CHR6:3595774	SSF x LoA	-8,18092736	-0,034	0,309
CHR6	3595859	CHR6:3595859	SSF x LoA	-9,51862223	-0,009	0,306
CHR6	3595904	CHR6:3595904	SSF x LoA	-8,87283981	-0,100	0,296
CHR6	3595982	CHR6:3595982	SSF x LoA	-8,23242601	-0,034	0,302
CHR6	3597697	CHR6:3597697	SSF x LoA	-7,31073864	0,048	0,297
CHR6	3597706	CHR6:3597706	SSF x LoA	-9,39861991	0,196	0,310
CHR6	359771	CHR6:359771	SSF x LoA	-10,678959	-0,028	0,300

CHR6	3597932	CHR6:3597932	SSF x LoA	-8,87706773	-0,005	0,301
CHR6	3607936	CHR6:3607936	SSF x LoA	-11,4556834	0,065	0,299
CHR6	3607974	CHR6:3607974	SSF x LoA	-7,69597447	0,136	0,304
CHR6	3608001	CHR6:3608001	SSF x LoA	-5,55800408	-0,195	0,281
CHR6	3608005	CHR6:3608005	SSF x LoA	-2,67235822	0,163	0,310
CHR6	3608017	CHR6:3608017	SSF x LoA	-6,59073852	-0,170	0,304
CHR6	3608102	CHR6:3608102	SSF x LoA	-9,06868701	-0,048	0,317
CHR6	3616822	CHR6:3616822	SSF x LoA	-8,58117713	0,049	0,305
CHR6	3617231	CHR6:3617231	SSF x LoA	-5,95064195	-0,015	0,312
CHR6	3630529	CHR6:3630529	SSF x LoA	-9,114333	0,114	0,309
CHR6	3630654	CHR6:3630654	SSF x LoA	-12,108366	-0,047	0,305
CHR6	3641557	CHR6:3641557	SSF x LoA	-7,91155665	0,077	0,305
CHR6	3641568	CHR6:3641568	SSF x LoA	-10,8816803	0,065	0,303
CHR6	3641593	CHR6:3641593	SSF x LoA	-10,5327999	-0,046	0,317
CHR6	3641606	CHR6:3641606	SSF x LoA	-8,23876385	-0,062	0,308
CHR6	3641625	CHR6:3641625	SSF x LoA	-11,2792027	-0,015	0,299
CHR6	3641675	CHR6:3641675	SSF x LoA	-11,4943654	-0,013	0,312
CHR6	365857	CHR6:365857	SSF x LoA	-11,437977	-0,048	0,291
CHR6	365903	CHR6:365903	SSF x LoA	-10,6051632	0,050	0,309
CHR6	365912	CHR6:365912	SSF x LoA	-8,48124228	0,043	0,295
CHR6	365959	CHR6:365959	SSF x LoA	-11,9801511	0,019	0,305
CHR6	366009	CHR6:366009	SSF x LoA	-11,1194395	0,076	0,311
CHR6	366048	CHR6:366048	SSF x LoA	-10,5404074	-0,045	0,302
CHR6	366095	CHR6:366095	SSF x LoA	-2,43925697	-0,106	0,304
CHR6	366100	CHR6:366100	SSF x LoA	-9,7725143	0,025	0,304
CHR6	3688084	CHR6:3688084	SSF x LoA	-10,7067149	-0,056	0,302
CHR6	3688120	CHR6:3688120	SSF x LoA	-9,21403204	0,049	0,300
CHR6	3692273	CHR6:3692273	SSF x LoA	-7,90711901	-0,132	0,300
CHR6	3692289	CHR6:3692289	SSF x LoA	-6,20068884	-0,196	0,285
CHR6	3692344	CHR6:3692344	SSF x LoA	-8,50842008	-0,060	0,311
CHR6	3692435	CHR6:3692435	SSF x LoA	-2,51021908	-0,206	0,292
CHR6	3692464	CHR6:3692464	SSF x LoA	-10,8090794	0,080	0,301
CHR6	3692494	CHR6:3692494	SSF x LoA	-7,14517495	-0,077	0,311
CHR6	3692509	CHR6:3692509	SSF x LoA	-7,65827973	-0,180	0,296
CHR6	3729550	CHR6:3729550	SSF x LoA	-9,81633552	0,022	0,288
CHR6	3729699	CHR6:3729699	SSF x LoA	-10,8847828	0,066	0,312
CHR6	3745682	CHR6:3745682	SSF x LoA	-9,22894613	0,015	0,291
CHR6	374754	CHR6:374754	SSF x LoA	-7,59281588	-0,111	0,318
CHR6	374777	CHR6:374777	SSF x LoA	-11,5715171	0,013	0,297
CHR6	374804	CHR6:374804	SSF x LoA	-11,0092886	0,092	0,304
CHR6	375416	CHR6:375416	SSF x LoA	-7,00631028	0,086	0,296
CHR6	375499	CHR6:375499	SSF x LoA	-10,5647738	0,040	0,321
CHR6	3755388	CHR6:3755388	SSF x LoA	-9,75521262	-0,005	0,304
CHR6	3755479	CHR6:3755479	SSF x LoA	-7,34591065	-0,074	0,317
CHR6	3755563	CHR6:3755563	SSF x LoA	-9,34927538	0,049	0,309
CHR6	3755606	CHR6:3755606	SSF x LoA	-8,42602695	-0,052	0,311
CHR6	3776803	CHR6:3776803	SSF x LoA	-5,48016	-0,120	0,296
CHR6	3776873	CHR6:3776873	SSF x LoA	-8,64964417	0,011	0,316
CHR6	3777020	CHR6:3777020	SSF x LoA	-8,94990856	0,013	0,319
CHR6	3779387	CHR6:3779387	SSF x LoA	-8,30231528	0,123	0,312
CHR6	3779700	CHR6:3779700	SSF x LoA	-10,3334775	0,025	0,301
CHR6	3779734	CHR6:3779734	SSF x LoA	-10,0076854	-0,085	0,306
CHR6	3779808	CHR6:3779808	SSF x LoA	-11,0911588	-0,027	0,309

CHR6	3784035	CHR6:3784035	SSF x LoA	-9,5445657	-0,006	0,315
CHR6	3784085	CHR6:3784085	SSF x LoA	-6,92039467	0,113	0,306
CHR6	3784307	CHR6:3784307	SSF x LoA	-9,23627747	0,076	0,313
CHR6	3784381	CHR6:3784381	SSF x LoA	-10,8693484	-0,022	0,315
CHR6	379025	CHR6:379025	SSF x LoA	-3,9957308	-0,020	0,304
CHR6	379033	CHR6:379033	SSF x LoA	-7,78321542	0,040	0,322
CHR6	379272	CHR6:379272	SSF x LoA	-9,34175911	-0,068	0,303
CHR6	379292	CHR6:379292	SSF x LoA	-6,87323186	0,012	0,327
CHR6	3792940	CHR6:3792940	SSF x LoA	-8,37819431	0,153	0,299
CHR6	3793207	CHR6:3793207	SSF x LoA	-9,33127327	0,097	0,304
CHR6	3793226	CHR6:3793226	SSF x LoA	-8,91609851	-0,032	0,313
CHR6	3793284	CHR6:3793284	SSF x LoA	-9,027336	0,008	0,292
CHR6	3795084	CHR6:3795084	SSF x LoA	-10,6019986	-0,010	0,305
CHR6	3795138	CHR6:3795138	SSF x LoA	-5,8418202	0,090	0,316
CHR6	3795264	CHR6:3795264	SSF x LoA	-8,72170404	-0,118	0,313
CHR6	3795409	CHR6:3795409	SSF x LoA	-10,6964028	-0,029	0,310
CHR6	3801747	CHR6:3801747	SSF x LoA	-9,77561915	0,096	0,298
CHR6	3801863	CHR6:3801863	SSF x LoA	-9,40016155	0,056	0,312
CHR6	3801890	CHR6:3801890	SSF x LoA	-10,8207462	0,121	0,308
CHR6	380602	CHR6:380602	SSF x LoA	-9,42006915	-0,102	0,303
CHR6	3809932	CHR6:3809932	SSF x LoA	-7,32255787	-0,019	0,315
CHR6	3809948	CHR6:3809948	SSF x LoA	-9,4081405	-0,009	0,305
CHR6	3809972	CHR6:3809972	SSF x LoA	-0,27081441	-0,065	0,321
CHR6	3809986	CHR6:3809986	SSF x LoA	-8,71210591	0,021	0,314
CHR6	3815628	CHR6:3815628	SSF x LoA	-9,10604677	0,108	0,312
CHR6	382283	CHR6:382283	SSF x LoA	-7,11806341	0,123	0,301
CHR6	382286	CHR6:382286	SSF x LoA	-10,215922	-0,042	0,298
CHR6	382288	CHR6:382288	SSF x LoA	-6,04975714	-0,080	0,303
CHR6	3829866	CHR6:3829866	SSF x LoA	-9,89851427	0,024	0,305
CHR6	3830012	CHR6:3830012	SSF x LoA	-4,43514728	0,173	0,294
CHR6	3830013	CHR6:3830013	SSF x LoA	-9,29145507	-0,055	0,295
CHR6	3830134	CHR6:3830134	SSF x LoA	-8,21503957	0,113	0,305
CHR6	3840552	CHR6:3840552	SSF x LoA	-7,91382579	0,061	0,306
CHR6	3873511	CHR6:3873511	SSF x LoA	-7,59838505	0,041	0,313
CHR6	3873547	CHR6:3873547	SSF x LoA	-8,33181238	0,096	0,310
CHR6	3876736	CHR6:3876736	SSF x LoA	-10,4256591	-0,004	0,311
CHR6	3876888	CHR6:3876888	SSF x LoA	-11,5194909	0,033	0,294
CHR6	3879605	CHR6:3879605	SSF x LoA	-9,08503273	-0,077	0,302
CHR6	3879677	CHR6:3879677	SSF x LoA	-11,6914914	0,008	0,305
CHR6	3893454	CHR6:3893454	SSF x LoA	-8,21289095	-0,017	0,305
CHR6	3893531	CHR6:3893531	SSF x LoA	-10,3206527	0,064	0,295
CHR6	3898548	CHR6:3898548	SSF x LoA	-9,59374323	0,094	0,302
CHR6	3903944	CHR6:3903944	SSF x LoA	-6,72341179	-0,188	0,302
CHR6	3905285	CHR6:3905285	SSF x LoA	-11,0279132	-0,007	0,295
CHR6	3905301	CHR6:3905301	SSF x LoA	-7,77924141	-0,085	0,310
CHR6	3905307	CHR6:3905307	SSF x LoA	-8,56508698	0,119	0,310
CHR6	3921052	CHR6:3921052	SSF x LoA	-11,9806009	-0,094	0,288
CHR6	3923333	CHR6:3923333	SSF x LoA	-8,7275665	0,021	0,303
CHR6	3923335	CHR6:3923335	SSF x LoA	-7,13167482	0,007	0,301
CHR6	3925511	CHR6:3925511	SSF x LoA	-8,46873499	-0,130	0,308
CHR6	3925547	CHR6:3925547	SSF x LoA	-9,14865166	0,041	0,301
CHR6	3929842	CHR6:3929842	SSF x LoA	-10,2756312	-0,094	0,297
CHR6	3929880	CHR6:3929880	SSF x LoA	-8,04318353	0,028	0,304

CHR6	3929883	CHR6:3929883	SSF x LoA	-10,24801	-0,042	0,299
CHR6	3929930	CHR6:3929930	SSF x LoA	-8,66852527	-0,066	0,300
CHR6	3929931	CHR6:3929931	SSF x LoA	-10,5101677	-0,093	0,316
CHR6	3929950	CHR6:3929950	SSF x LoA	-8,90381385	-0,016	0,319
CHR6	3939436	CHR6:3939436	SSF x LoA	-9,77207424	-0,045	0,319
CHR6	3939514	CHR6:3939514	SSF x LoA	-9,8850475	-0,023	0,314
CHR6	3945147	CHR6:3945147	SSF x LoA	-0,195469	0,002	0,309
CHR6	3945267	CHR6:3945267	SSF x LoA	-9,90686031	-0,083	0,307
CHR6	3945443	CHR6:3945443	SSF x LoA	-9,88664328	0,068	0,299
CHR6	3956746	CHR6:3956746	SSF x LoA	-5,75856404	-0,160	0,305
CHR6	3956959	CHR6:3956959	SSF x LoA	-7,22754843	0,148	0,302
CHR6	3957034	CHR6:3957034	SSF x LoA	-12,1986315	0,035	0,296
CHR6	3957049	CHR6:3957049	SSF x LoA	-8,87694468	0,067	0,304
CHR6	3967203	CHR6:3967203	SSF x LoA	-10,926606	-0,011	0,305
CHR6	3967219	CHR6:3967219	SSF x LoA	-9,85722979	0,096	0,303
CHR6	3967226	CHR6:3967226	SSF x LoA	-9,96030717	0,009	0,313
CHR6	3967389	CHR6:3967389	SSF x LoA	-10,3816401	-0,078	0,308
CHR6	3976524	CHR6:3976524	SSF x LoA	-8,29978367	0,027	0,314
CHR6	3976568	CHR6:3976568	SSF x LoA	-9,32097843	-0,016	0,298
CHR6	3976886	CHR6:3976886	SSF x LoA	-9,44914107	0,004	0,308
CHR6	3976958	CHR6:3976958	SSF x LoA	-7,99388696	-0,083	0,301
CHR6	3976966	CHR6:3976966	SSF x LoA	-11,2477396	-0,026	0,298
CHR6	398122	CHR6:398122	SSF x LoA	-9,062256	-0,072	0,312
CHR6	398151	CHR6:398151	SSF x LoA	-8,10675726	0,069	0,312
CHR6	3994283	CHR6:3994283	SSF x LoA	-10,0800575	0,077	0,308
CHR6	3994336	CHR6:3994336	SSF x LoA	-11,1555677	0,019	0,305
CHR6	4019200	CHR6:4019200	SSF x LoA	-9,83736979	-0,106	0,298
CHR6	4019293	CHR6:4019293	SSF x LoA	-11,4637849	-0,040	0,294
CHR6	4019342	CHR6:4019342	SSF x LoA	-8,28302215	0,100	0,313
CHR6	4019351	CHR6:4019351	SSF x LoA	-10,1563901	0,031	0,320
CHR6	4019367	CHR6:4019367	SSF x LoA	-4,12299793	-0,190	0,309
CHR6	4019374	CHR6:4019374	SSF x LoA	-6,91076227	-0,178	0,294
CHR6	4019399	CHR6:4019399	SSF x LoA	-7,41031948	-0,165	0,290
CHR6	4019439	CHR6:4019439	SSF x LoA	-8,8928813	-0,014	0,310
CHR6	4019455	CHR6:4019455	SSF x LoA	-10,7292837	-0,033	0,320
CHR6	4023324	CHR6:4023324	SSF x LoA	-9,10761189	0,023	0,314
CHR6	4023326	CHR6:4023326	SSF x LoA	-9,94810341	0,006	0,307
CHR6	4023384	CHR6:4023384	SSF x LoA	-8,03555158	0,053	0,315
CHR6	4023392	CHR6:4023392	SSF x LoA	-6,23755641	0,037	0,316
CHR6	4023435	CHR6:4023435	SSF x LoA	-10,6673819	0,019	0,318
CHR6	4023493	CHR6:4023493	SSF x LoA	-9,40123852	-0,001	0,305
CHR6	4023497	CHR6:4023497	SSF x LoA	-6,3852607	0,136	0,307
CHR6	4023505	CHR6:4023505	SSF x LoA	-11,103329	0,000	0,312
CHR6	4023530	CHR6:4023530	SSF x LoA	-9,71031067	-0,043	0,300
CHR6	4023533	CHR6:4023533	SSF x LoA	-8,16460159	0,056	0,314
CHR6	4023557	CHR6:4023557	SSF x LoA	-9,85363345	0,064	0,316
CHR6	4027163	CHR6:4027163	SSF x LoA	-8,04281429	0,012	0,315
CHR6	4027272	CHR6:4027272	SSF x LoA	-9,91811692	0,043	0,306
CHR6	4027285	CHR6:4027285	SSF x LoA	-7,71615223	0,086	0,305
CHR6	4029814	CHR6:4029814	SSF x LoA	-8,20461712	-0,103	0,309
CHR6	4029881	CHR6:4029881	SSF x LoA	-9,54603666	0,014	0,301
CHR6	4029883	CHR6:4029883	SSF x LoA	-10,69446	-0,021	0,319
CHR6	4029907	CHR6:4029907	SSF x LoA	-10,3489702	0,037	0,303

CHR6	4034402	CHR6:4034402	SSF x LoA	-8,76853712	0,085	0,291
CHR6	4034451	CHR6:4034451	SSF x LoA	-10,1091305	0,026	0,308
CHR6	4052597	CHR6:4052597	SSF x LoA	-8,87249226	-0,037	0,285
CHR6	4052725	CHR6:4052725	SSF x LoA	-9,7239206	0,045	0,321
CHR6	4052731	CHR6:4052731	SSF x LoA	-10,9165519	-0,108	0,302
CHR6	4052761	CHR6:4052761	SSF x LoA	-9,86231099	0,104	0,293
CHR6	4052772	CHR6:4052772	SSF x LoA	-10,5746493	-0,006	0,301
CHR6	4052786	CHR6:4052786	SSF x LoA	-9,01454086	-0,077	0,317
CHR6	406617	CHR6:406617	SSF x LoA	-10,8089656	-0,003	0,321
CHR6	406717	CHR6:406717	SSF x LoA	-10,615486	0,139	0,287
CHR6	4070156	CHR6:4070156	SSF x LoA	-9,59460933	0,013	0,305
CHR6	4070250	CHR6:4070250	SSF x LoA	-8,40587855	-0,131	0,310
CHR6	4081118	CHR6:4081118	SSF x LoA	-11,9671792	-0,038	0,302
CHR6	4100010	CHR6:4100010	SSF x LoA	-10,8221618	0,035	0,315
CHR6	4104294	CHR6:4104294	SSF x LoA	-9,89694768	-0,042	0,306
CHR6	4104398	CHR6:4104398	SSF x LoA	-10,1697213	-0,041	0,311
CHR6	4104484	CHR6:4104484	SSF x LoA	-8,12895982	-0,048	0,316
CHR6	4116021	CHR6:4116021	SSF x LoA	-10,8175864	-0,033	0,297
CHR6	412727	CHR6:412727	SSF x LoA	-10,3811351	0,039	0,290
CHR6	4133530	CHR6:4133530	SSF x LoA	-9,86732358	0,055	0,297
CHR6	4133545	CHR6:4133545	SSF x LoA	-9,16033567	-0,037	0,304
CHR6	4136922	CHR6:4136922	SSF x LoA	-9,44393586	-0,110	0,298
CHR6	4137008	CHR6:4137008	SSF x LoA	-8,69748269	-0,039	0,321
CHR6	4141113	CHR6:4141113	SSF x LoA	-10,7047352	0,034	0,311
CHR6	4156735	CHR6:4156735	SSF x LoA	-7,58705913	0,057	0,310
CHR6	4156841	CHR6:4156841	SSF x LoA	-7,78989862	0,196	0,303
CHR6	4173291	CHR6:4173291	SSF x LoA	-7,08015828	0,136	0,308
CHR6	4173469	CHR6:4173469	SSF x LoA	-7,86626799	0,089	0,310
CHR6	4173511	CHR6:4173511	SSF x LoA	-7,76244104	0,109	0,312
CHR6	4178122	CHR6:4178122	SSF x LoA	-11,7371086	-0,018	0,325
CHR6	4178181	CHR6:4178181	SSF x LoA	-11,8624524	-0,068	0,291
CHR6	4188221	CHR6:4188221	SSF x LoA	-9,06141561	-0,014	0,317
CHR6	4188278	CHR6:4188278	SSF x LoA	-8,08258621	0,008	0,298
CHR6	4188284	CHR6:4188284	SSF x LoA	-11,2207156	-0,015	0,319
CHR6	4188307	CHR6:4188307	SSF x LoA	-10,6599924	0,064	0,306
CHR6	4206354	CHR6:4206354	SSF x LoA	-9,35165036	0,005	0,302
CHR6	4206396	CHR6:4206396	SSF x LoA	-8,96551915	0,030	0,317
CHR6	4207354	CHR6:4207354	SSF x LoA	-10,0635567	-0,104	0,302
CHR6	4223848	CHR6:4223848	SSF x LoA	-8,25557248	-0,086	0,306
CHR6	4223909	CHR6:4223909	SSF x LoA	-8,91923141	-0,126	0,297
CHR6	4223952	CHR6:4223952	SSF x LoA	-8,51602196	-0,081	0,298
CHR6	4230775	CHR6:4230775	SSF x LoA	-9,49546804	0,040	0,314
CHR6	4230910	CHR6:4230910	SSF x LoA	-11,6687087	0,069	0,292
CHR6	4230964	CHR6:4230964	SSF x LoA	-11,7389547	-0,012	0,303
CHR6	4231014	CHR6:4231014	SSF x LoA	-6,36220905	-0,002	0,315
CHR6	4235403	CHR6:4235403	SSF x LoA	-7,70778587	-0,018	0,311
CHR6	4235409	CHR6:4235409	SSF x LoA	-8,87972661	0,062	0,305
CHR6	4243095	CHR6:4243095	SSF x LoA	-7,99716396	-0,049	0,309
CHR6	425344	CHR6:425344	SSF x LoA	-8,81781641	-0,001	0,302
CHR6	425415	CHR6:425415	SSF x LoA	-10,394851	0,091	0,291
CHR6	4256775	CHR6:4256775	SSF x LoA	-8,85176725	-0,105	0,297
CHR6	4267055	CHR6:4267055	SSF x LoA	-10,9378711	-0,023	0,309
CHR6	4294617	CHR6:4294617	SSF x LoA	-6,65662626	0,081	0,311

CHR6	4294657	CHR6:4294657	SSF x LoA	-8,6592968	0,094	0,302
CHR6	4295518	CHR6:4295518	SSF x LoA	-6,54377686	-0,077	0,323
CHR6	429925	CHR6:429925	SSF x LoA	-8,05282746	0,065	0,298
CHR6	430014	CHR6:430014	SSF x LoA	-11,360483	0,098	0,291
CHR6	4302516	CHR6:4302516	SSF x LoA	-9,77546987	0,074	0,299
CHR6	4310174	CHR6:4310174	SSF x LoA	-8,41563456	-0,068	0,311
CHR6	4342564	CHR6:4342564	SSF x LoA	-10,6053826	-0,041	0,308
CHR6	4359968	CHR6:4359968	SSF x LoA	-9,99709419	0,042	0,308
CHR6	4365194	CHR6:4365194	SSF x LoA	-9,54021162	-0,156	0,299
CHR6	4366749	CHR6:4366749	SSF x LoA	-9,32045112	-0,023	0,314
CHR6	4366773	CHR6:4366773	SSF x LoA	-9,81573027	0,030	0,298
CHR6	4366804	CHR6:4366804	SSF x LoA	-6,50047703	-0,070	0,311
CHR6	4366911	CHR6:4366911	SSF x LoA	-11,2126793	-0,005	0,301
CHR6	4371436	CHR6:4371436	SSF x LoA	-9,27507306	0,050	0,314
CHR6	4371593	CHR6:4371593	SSF x LoA	-10,1555668	-0,059	0,302
CHR6	4373723	CHR6:4373723	SSF x LoA	-11,8417046	0,003	0,317
CHR6	4393902	CHR6:4393902	SSF x LoA	-10,4216408	-0,047	0,304
CHR6	4407704	CHR6:4407704	SSF x LoA	-8,30571798	0,078	0,305
CHR6	4407712	CHR6:4407712	SSF x LoA	-11,894428	0,062	0,293
CHR6	4407821	CHR6:4407821	SSF x LoA	-10,0515507	-0,037	0,296
CHR6	4407827	CHR6:4407827	SSF x LoA	-7,97441539	0,071	0,300
CHR6	4407831	CHR6:4407831	SSF x LoA	-10,2283609	0,026	0,303
CHR6	4415050	CHR6:4415050	SSF x LoA	-9,0926766	-0,128	0,301
CHR6	4420902	CHR6:4420902	SSF x LoA	-7,65819946	-0,002	0,311
CHR6	4420955	CHR6:4420955	SSF x LoA	-5,29195426	0,166	0,299
CHR6	4421846	CHR6:4421846	SSF x LoA	-9,33580717	-0,034	0,320
CHR6	44587	CHR6:44587	SSF x LoA	-6,99083525	0,108	0,308
CHR6	4464321	CHR6:4464321	SSF x LoA	-8,80514364	-0,084	0,313
CHR6	4471080	CHR6:4471080	SSF x LoA	-7,50862926	-0,077	0,321
CHR6	4471122	CHR6:4471122	SSF x LoA	-9,80046722	0,003	0,326
CHR6	4474698	CHR6:4474698	SSF x LoA	-9,82878244	0,037	0,306
CHR6	4474718	CHR6:4474718	SSF x LoA	-8,56553174	-0,065	0,303
CHR6	4474743	CHR6:4474743	SSF x LoA	-9,20356188	0,037	0,307
CHR6	4474843	CHR6:4474843	SSF x LoA	-11,3282781	0,040	0,311
CHR6	4476005	CHR6:4476005	SSF x LoA	-7,93671724	0,086	0,303
CHR6	4476069	CHR6:4476069	SSF x LoA	-3,45073104	-0,127	0,304
CHR6	4476131	CHR6:4476131	SSF x LoA	-11,3049743	-0,011	0,300
CHR6	4478157	CHR6:4478157	SSF x LoA	-6,70374949	0,090	0,307
CHR6	4486377	CHR6:4486377	SSF x LoA	-10,4375037	-0,049	0,309
CHR6	4487010	CHR6:4487010	SSF x LoA	-10,8564643	0,059	0,317
CHR6	4494419	CHR6:4494419	SSF x LoA	-10,9580119	0,042	0,311
CHR6	4494469	CHR6:4494469	SSF x LoA	-8,60353447	-0,071	0,324
CHR6	4494478	CHR6:4494478	SSF x LoA	-10,1510662	-0,084	0,313
CHR6	4494502	CHR6:4494502	SSF x LoA	-11,3148588	-0,111	0,299
CHR6	4518789	CHR6:4518789	SSF x LoA	-8,71443263	0,033	0,306
CHR6	4518858	CHR6:4518858	SSF x LoA	-10,4873303	-0,012	0,321
CHR6	4524281	CHR6:4524281	SSF x LoA	-9,28069513	-0,033	0,304
CHR6	4524325	CHR6:4524325	SSF x LoA	-10,7578804	-0,043	0,308
CHR6	4524346	CHR6:4524346	SSF x LoA	-9,3114883	0,010	0,308
CHR6	4531765	CHR6:4531765	SSF x LoA	-8,50111627	-0,057	0,316
CHR6	4532156	CHR6:4532156	SSF x LoA	-10,4418773	0,019	0,310
CHR6	4532250	CHR6:4532250	SSF x LoA	-7,08293012	-0,042	0,315
CHR6	4532271	CHR6:4532271	SSF x LoA	-10,3091736	-0,142	0,307

CHR6	4554393	CHR6:4554393	SSF x LoA	-10,4479002	0,003	0,319
CHR6	4554449	CHR6:4554449	SSF x LoA	-10,1895449	-0,039	0,307
CHR6	4557629	CHR6:4557629	SSF x LoA	-10,9674764	-0,103	0,301
CHR6	4557725	CHR6:4557725	SSF x LoA	-4,85854172	-0,137	0,309
CHR6	4557726	CHR6:4557726	SSF x LoA	-10,3087398	-0,062	0,320
CHR6	4557764	CHR6:4557764	SSF x LoA	-9,92499276	0,003	0,318
CHR6	4557796	CHR6:4557796	SSF x LoA	-7,76193286	0,048	0,304
CHR6	4557817	CHR6:4557817	SSF x LoA	-7,74773999	-0,023	0,300
CHR6	4559122	CHR6:4559122	SSF x LoA	-11,0043187	0,033	0,302
CHR6	4564758	CHR6:4564758	SSF x LoA	-10,7770783	0,054	0,316
CHR6	4564760	CHR6:4564760	SSF x LoA	-9,38274967	-0,031	0,312
CHR6	4565108	CHR6:4565108	SSF x LoA	-11,0392904	0,024	0,303
CHR6	4566890	CHR6:4566890	SSF x LoA	-10,979603	-0,071	0,308
CHR6	4566963	CHR6:4566963	SSF x LoA	-11,9538524	-0,030	0,299
CHR6	4567006	CHR6:4567006	SSF x LoA	-10,9397197	-0,039	0,307
CHR6	4574489	CHR6:4574489	SSF x LoA	-5,86799515	0,120	0,314
CHR6	4586018	CHR6:4586018	SSF x LoA	-8,58679296	-0,063	0,307
CHR6	4586706	CHR6:4586706	SSF x LoA	-10,6157423	0,021	0,309
CHR6	4586709	CHR6:4586709	SSF x LoA	-8,12023973	0,086	0,305
CHR6	4586712	CHR6:4586712	SSF x LoA	-7,95847751	0,098	0,306
CHR6	4592868	CHR6:4592868	SSF x LoA	-6,0825936	0,117	0,313
CHR6	4592926	CHR6:4592926	SSF x LoA	-9,92991022	0,074	0,311
CHR6	4592933	CHR6:4592933	SSF x LoA	-9,46982564	-0,019	0,295
CHR6	4592935	CHR6:4592935	SSF x LoA	-6,83181468	0,202	0,312
CHR6	4592937	CHR6:4592937	SSF x LoA	-7,48748756	-0,192	0,293
CHR6	4592940	CHR6:4592940	SSF x LoA	-10,6544861	0,048	0,299
CHR6	4597356	CHR6:4597356	SSF x LoA	-9,47918133	0,088	0,300
CHR6	459944	CHR6:459944	SSF x LoA	-9,03277814	0,029	0,313
CHR6	459949	CHR6:459949	SSF x LoA	-10,4098752	-0,069	0,312
CHR6	459982	CHR6:459982	SSF x LoA	-9,84202817	-0,027	0,316
CHR6	4609987	CHR6:4609987	SSF x LoA	-10,9903694	0,024	0,319
CHR6	4610207	CHR6:4610207	SSF x LoA	-9,50296586	0,176	0,296
CHR6	461816	CHR6:461816	SSF x LoA	-7,26477812	-0,027	0,318
CHR6	4629977	CHR6:4629977	SSF x LoA	-9,41121534	-0,108	0,315
CHR6	4633553	CHR6:4633553	SSF x LoA	-9,01065481	0,013	0,297
CHR6	4633595	CHR6:4633595	SSF x LoA	-8,17645188	-0,136	0,308
CHR6	4633766	CHR6:4633766	SSF x LoA	-8,53118574	-0,007	0,323
CHR6	4633786	CHR6:4633786	SSF x LoA	-11,1745788	0,062	0,306
CHR6	4633825	CHR6:4633825	SSF x LoA	-9,93573204	0,086	0,311
CHR6	4636297	CHR6:4636297	SSF x LoA	-10,0635293	0,035	0,302
CHR6	4638236	CHR6:4638236	SSF x LoA	-10,9434346	-0,018	0,298
CHR6	4643167	CHR6:4643167	SSF x LoA	-11,3027781	0,075	0,290
CHR6	4643314	CHR6:4643314	SSF x LoA	-8,86031903	0,038	0,296
CHR6	4650187	CHR6:4650187	SSF x LoA	-7,88470452	-0,106	0,302
CHR6	4657174	CHR6:4657174	SSF x LoA	-8,89141051	-0,034	0,292
CHR6	4667160	CHR6:4667160	SSF x LoA	-7,95131363	0,019	0,304
CHR6	4673202	CHR6:4673202	SSF x LoA	-9,02552445	-0,039	0,310
CHR6	4677135	CHR6:4677135	SSF x LoA	-9,64940229	0,027	0,309
CHR6	4677220	CHR6:4677220	SSF x LoA	-10,2400851	-0,003	0,307
CHR6	468398	CHR6:468398	SSF x LoA	-10,5956603	0,073	0,300
CHR6	4688736	CHR6:4688736	SSF x LoA	-10,5183884	-0,078	0,293
CHR6	4688831	CHR6:4688831	SSF x LoA	-9,65181735	-0,064	0,317
CHR6	4697326	CHR6:4697326	SSF x LoA	-11,4786887	-0,050	0,292

CHR6	4697539	CHR6:4697539	SSF x LoA	-8,46353385	0,046	0,317
CHR6	4700541	CHR6:4700541	SSF x LoA	-7,13322425	-0,149	0,292
CHR6	4700609	CHR6:4700609	SSF x LoA	-10,5425434	-0,018	0,318
CHR6	4700618	CHR6:4700618	SSF x LoA	-9,1255816	-0,045	0,310
CHR6	4700763	CHR6:4700763	SSF x LoA	-6,25055235	-0,088	0,294
CHR6	4702375	CHR6:4702375	SSF x LoA	-6,92193944	0,124	0,294
CHR6	4706656	CHR6:4706656	SSF x LoA	-9,20358007	-0,038	0,302
CHR6	4713200	CHR6:4713200	SSF x LoA	-8,77870961	0,015	0,312
CHR6	4713247	CHR6:4713247	SSF x LoA	-9,09532154	-0,006	0,312
CHR6	4713304	CHR6:4713304	SSF x LoA	-11,2469927	-0,055	0,314
CHR6	4713350	CHR6:4713350	SSF x LoA	-9,28303751	-0,042	0,306
CHR6	4713533	CHR6:4713533	SSF x LoA	-7,66422401	0,164	0,293
CHR6	4714876	CHR6:4714876	SSF x LoA	-2,78259316	0,029	0,301
CHR6	4714915	CHR6:4714915	SSF x LoA	-7,98812689	0,015	0,294
CHR6	4714927	CHR6:4714927	SSF x LoA	-5,73281364	-0,069	0,306
CHR6	4714950	CHR6:4714950	SSF x LoA	-8,03273298	-0,010	0,301
CHR6	4714998	CHR6:4714998	SSF x LoA	-8,94193811	0,107	0,297
CHR6	4715002	CHR6:4715002	SSF x LoA	-6,5903485	0,143	0,310
CHR6	4715007	CHR6:4715007	SSF x LoA	-8,32858831	-0,053	0,299
CHR6	4715019	CHR6:4715019	SSF x LoA	-8,97085708	0,001	0,303
CHR6	4715102	CHR6:4715102	SSF x LoA	-6,862305	-0,065	0,311
CHR6	4718812	CHR6:4718812	SSF x LoA	-2,85011976	-0,037	0,320
CHR6	4718856	CHR6:4718856	SSF x LoA	-10,0778186	0,040	0,303
CHR6	4741248	CHR6:4741248	SSF x LoA	-10,7812766	0,037	0,305
CHR6	4741289	CHR6:4741289	SSF x LoA	-9,41869536	-0,023	0,300
CHR6	4753625	CHR6:4753625	SSF x LoA	-10,0428276	-0,012	0,305
CHR6	4753643	CHR6:4753643	SSF x LoA	-8,33317774	-0,118	0,304
CHR6	4761519	CHR6:4761519	SSF x LoA	-9,61093772	-0,066	0,298
CHR6	4761711	CHR6:4761711	SSF x LoA	-10,0789913	0,021	0,303
CHR6	4770220	CHR6:4770220	SSF x LoA	-11,8932317	0,033	0,303
CHR6	4770357	CHR6:4770357	SSF x LoA	-10,0525264	0,024	0,309
CHR6	4770394	CHR6:4770394	SSF x LoA	-6,43882004	0,147	0,298
CHR6	4772312	CHR6:4772312	SSF x LoA	-7,79987401	0,115	0,306
CHR6	4775363	CHR6:4775363	SSF x LoA	-10,0918598	-0,010	0,292
CHR6	4777070	CHR6:4777070	SSF x LoA	-6,75931355	0,115	0,298
CHR6	478598	CHR6:478598	SSF x LoA	-9,40872038	0,044	0,301
CHR6	4792203	CHR6:4792203	SSF x LoA	-5,02225126	-0,130	0,315
CHR6	4792253	CHR6:4792253	SSF x LoA	-11,124551	-0,027	0,313
CHR6	4792309	CHR6:4792309	SSF x LoA	-9,07667136	-0,163	0,290
CHR6	4800292	CHR6:4800292	SSF x LoA	-7,66888312	0,123	0,318
CHR6	4800426	CHR6:4800426	SSF x LoA	-11,2379	-0,025	0,295
CHR6	4817166	CHR6:4817166	SSF x LoA	-11,3234893	-0,018	0,317
CHR6	4820684	CHR6:4820684	SSF x LoA	-9,55820908	0,008	0,303
CHR6	4823407	CHR6:4823407	SSF x LoA	-11,1429543	0,041	0,314
CHR6	4825577	CHR6:4825577	SSF x LoA	-8,99113313	-0,112	0,314
CHR6	4825664	CHR6:4825664	SSF x LoA	-10,0074523	0,009	0,295
CHR6	4825726	CHR6:4825726	SSF x LoA	-7,39935393	-0,067	0,311
CHR6	4825747	CHR6:4825747	SSF x LoA	-11,194371	-0,008	0,289
CHR6	4830128	CHR6:4830128	SSF x LoA	-8,14161653	-0,015	0,310
CHR6	4830129	CHR6:4830129	SSF x LoA	-11,0794735	0,022	0,300
CHR6	4830133	CHR6:4830133	SSF x LoA	-11,9576015	0,020	0,299
CHR6	4830157	CHR6:4830157	SSF x LoA	-5,65085965	-0,164	0,305
CHR6	4830161	CHR6:4830161	SSF x LoA	-11,3039823	0,046	0,317

CHR6	4830187	CHR6:4830187	SSF x LoA	-12,106773	-0,015	0,301
CHR6	4837256	CHR6:4837256	SSF x LoA	-7,6086492	-0,097	0,293
CHR6	4837384	CHR6:4837384	SSF x LoA	-8,3733304	0,069	0,313
CHR6	4837395	CHR6:4837395	SSF x LoA	-8,7194159	0,125	0,311
CHR6	4837405	CHR6:4837405	SSF x LoA	-6,32276441	0,066	0,307
CHR6	4837414	CHR6:4837414	SSF x LoA	-8,49893934	-0,089	0,310
CHR6	4837420	CHR6:4837420	SSF x LoA	-8,28354294	-0,036	0,298
CHR6	4837427	CHR6:4837427	SSF x LoA	-7,34800508	-0,099	0,301
CHR6	4837432	CHR6:4837432	SSF x LoA	-7,10726978	0,053	0,297
CHR6	4837467	CHR6:4837467	SSF x LoA	-7,02730209	0,058	0,303
CHR6	4839113	CHR6:4839113	SSF x LoA	-9,8885299	0,110	0,323
CHR6	4843507	CHR6:4843507	SSF x LoA	-10,0944894	0,009	0,316
CHR6	4843541	CHR6:4843541	SSF x LoA	-6,45591905	-0,067	0,313
CHR6	4843543	CHR6:4843543	SSF x LoA	-8,34657831	-0,101	0,327
CHR6	4843737	CHR6:4843737	SSF x LoA	-5,45067117	0,166	0,303
CHR6	4902066	CHR6:4902066	SSF x LoA	-3,81368063	0,235	0,286
CHR6	4905349	CHR6:4905349	SSF x LoA	-9,28347983	-0,069	0,313
CHR6	4906715	CHR6:4906715	SSF x LoA	-8,02023875	0,018	0,302
CHR6	4906843	CHR6:4906843	SSF x LoA	-10,5468014	-0,066	0,304
CHR6	4914705	CHR6:4914705	SSF x LoA	-6,71143876	0,134	0,314
CHR6	4916177	CHR6:4916177	SSF x LoA	-11,5105352	-0,034	0,308
CHR6	4916181	CHR6:4916181	SSF x LoA	-8,02611269	-0,009	0,304
CHR6	4916187	CHR6:4916187	SSF x LoA	-9,90117389	0,047	0,316
CHR6	4932324	CHR6:4932324	SSF x LoA	-8,85759778	-0,076	0,302
CHR6	4932347	CHR6:4932347	SSF x LoA	-9,43501023	0,110	0,307
CHR6	4932428	CHR6:4932428	SSF x LoA	-7,96038344	-0,086	0,309
CHR6	4932436	CHR6:4932436	SSF x LoA	-2,72037932	0,143	0,305
CHR6	4941156	CHR6:4941156	SSF x LoA	-8,55738591	0,070	0,297
CHR6	4941158	CHR6:4941158	SSF x LoA	-7,55301828	-0,102	0,300
CHR6	4941232	CHR6:4941232	SSF x LoA	-9,79007198	-0,042	0,291
CHR6	4941303	CHR6:4941303	SSF x LoA	-9,86448507	-0,033	0,304
CHR6	4949055	CHR6:4949055	SSF x LoA	-9,8555319	0,150	0,314
CHR6	4949062	CHR6:4949062	SSF x LoA	-7,64272579	0,031	0,312
CHR6	4949063	CHR6:4949063	SSF x LoA	-9,03684309	0,088	0,296
CHR6	4949089	CHR6:4949089	SSF x LoA	-8,94115167	0,161	0,300
CHR6	4949273	CHR6:4949273	SSF x LoA	-9,87017726	0,082	0,311
CHR6	4949306	CHR6:4949306	SSF x LoA	-2,85568413	0,073	0,306
CHR6	4949312	CHR6:4949312	SSF x LoA	-8,37311203	-0,110	0,293
CHR6	4949348	CHR6:4949348	SSF x LoA	-8,64403204	0,039	0,318
CHR6	4956212	CHR6:4956212	SSF x LoA	-7,52397399	0,156	0,290
CHR6	4956277	CHR6:4956277	SSF x LoA	-4,5543732	0,185	0,288
CHR6	4956283	CHR6:4956283	SSF x LoA	-6,83280325	0,195	0,292
CHR6	4956293	CHR6:4956293	SSF x LoA	-8,63804582	0,112	0,281
CHR6	4963492	CHR6:4963492	SSF x LoA	-6,85946221	-0,066	0,316
CHR6	4963651	CHR6:4963651	SSF x LoA	-10,6822094	-0,017	0,313
CHR6	4963672	CHR6:4963672	SSF x LoA	-10,9334908	-0,020	0,299
CHR6	4963855	CHR6:4963855	SSF x LoA	-7,82632526	-0,051	0,314
CHR6	4963857	CHR6:4963857	SSF x LoA	-8,97579928	-0,051	0,317
CHR6	4975656	CHR6:4975656	SSF x LoA	-11,7533615	-0,060	0,299
CHR6	4975839	CHR6:4975839	SSF x LoA	-8,09232061	0,056	0,311
CHR6	4975904	CHR6:4975904	SSF x LoA	-8,62169405	0,028	0,323
CHR6	4982484	CHR6:4982484	SSF x LoA	-7,96982821	-0,014	0,319
CHR6	4982517	CHR6:4982517	SSF x LoA	-11,8752406	-0,015	0,306

CHR6	4982520	CHR6:4982520	SSF x LoA	-11,2351784	-0,025	0,311
CHR6	4982567	CHR6:4982567	SSF x LoA	-9,10742841	-0,021	0,311
CHR6	4982569	CHR6:4982569	SSF x LoA	-9,30732799	-0,057	0,314
CHR6	4982572	CHR6:4982572	SSF x LoA	-11,5367196	-0,014	0,308
CHR6	4982858	CHR6:4982858	SSF x LoA	-7,28906177	-0,073	0,304
CHR6	4990447	CHR6:4990447	SSF x LoA	-9,56567506	-0,006	0,308
CHR6	4990451	CHR6:4990451	SSF x LoA	-7,58476354	-0,074	0,295
CHR6	4990498	CHR6:4990498	SSF x LoA	-10,4096405	-0,108	0,308
CHR6	4990499	CHR6:4990499	SSF x LoA	-8,22966183	-0,099	0,313
CHR6	4991909	CHR6:4991909	SSF x LoA	-5,79535006	-0,176	0,307
CHR6	4991922	CHR6:4991922	SSF x LoA	-7,39527952	-0,134	0,302
CHR6	4991957	CHR6:4991957	SSF x LoA	-9,1068447	-0,022	0,314
CHR6	4995417	CHR6:4995417	SSF x LoA	-9,83339528	0,030	0,315
CHR6	4995430	CHR6:4995430	SSF x LoA	-10,0829365	0,027	0,303
CHR6	4995475	CHR6:4995475	SSF x LoA	-10,7276268	0,054	0,300
CHR6	4995486	CHR6:4995486	SSF x LoA	-11,4140043	0,036	0,314
CHR6	4995488	CHR6:4995488	SSF x LoA	-8,78165279	0,063	0,301
CHR6	4996630	CHR6:4996630	SSF x LoA	-7,74742794	0,051	0,315
CHR6	4996633	CHR6:4996633	SSF x LoA	-11,5495244	0,077	0,304
CHR6	4996961	CHR6:4996961	SSF x LoA	-11,0305604	-0,061	0,301
CHR6	500221	CHR6:500221	SSF x LoA	-11,5264529	0,056	0,293
CHR6	5008311	CHR6:5008311	SSF x LoA	-8,20971904	0,065	0,310
CHR6	5008473	CHR6:5008473	SSF x LoA	-8,35857347	0,124	0,298
CHR6	5008492	CHR6:5008492	SSF x LoA	-10,4211864	-0,074	0,310
CHR6	5008568	CHR6:5008568	SSF x LoA	-7,44569939	-0,129	0,317
CHR6	5012219	CHR6:5012219	SSF x LoA	-10,0385183	-0,142	0,311
CHR6	5012226	CHR6:5012226	SSF x LoA	-6,51206105	-0,128	0,291
CHR6	5012239	CHR6:5012239	SSF x LoA	-8,3437681	0,080	0,316
CHR6	5012277	CHR6:5012277	SSF x LoA	-8,88238628	0,080	0,299
CHR6	5012281	CHR6:5012281	SSF x LoA	-5,81323105	-0,033	0,303
CHR6	5012371	CHR6:5012371	SSF x LoA	-9,15714142	0,070	0,309
CHR6	5012373	CHR6:5012373	SSF x LoA	-9,82991324	-0,083	0,305
CHR6	5012488	CHR6:5012488	SSF x LoA	-8,57412173	0,099	0,309
CHR6	5020832	CHR6:5020832	SSF x LoA	-11,4010358	-0,031	0,300
CHR6	5028456	CHR6:5028456	SSF x LoA	-10,7388085	0,037	0,298
CHR6	5028509	CHR6:5028509	SSF x LoA	-9,35746475	-0,088	0,308
CHR6	5028664	CHR6:5028664	SSF x LoA	-6,15139541	-0,084	0,316
CHR6	5028700	CHR6:5028700	SSF x LoA	-3,97061659	0,179	0,298
CHR6	5032467	CHR6:5032467	SSF x LoA	-11,2114535	0,025	0,315
CHR6	5033054	CHR6:5033054	SSF x LoA	-9,7603205	-0,070	0,300
CHR6	5033080	CHR6:5033080	SSF x LoA	-8,11041366	0,063	0,311
CHR6	5033095	CHR6:5033095	SSF x LoA	-4,48446839	-0,143	0,300
CHR6	5033110	CHR6:5033110	SSF x LoA	-9,65368767	-0,006	0,318
CHR6	5033122	CHR6:5033122	SSF x LoA	-8,99759912	-0,051	0,304
CHR6	5035458	CHR6:5035458	SSF x LoA	-7,61989199	-0,115	0,285
CHR6	5035468	CHR6:5035468	SSF x LoA	-5,12843967	-0,106	0,293
CHR6	5035519	CHR6:5035519	SSF x LoA	-10,1415593	0,080	0,304
CHR6	5035570	CHR6:5035570	SSF x LoA	-9,98425862	-0,034	0,303
CHR6	5035571	CHR6:5035571	SSF x LoA	-7,13478519	-0,087	0,301
CHR6	5035615	CHR6:5035615	SSF x LoA	-9,82636847	0,029	0,314
CHR6	5038490	CHR6:5038490	SSF x LoA	-8,88120507	0,101	0,309
CHR6	5043187	CHR6:5043187	SSF x LoA	-8,1742193	0,067	0,308
CHR6	504723	CHR6:504723	SSF x LoA	-10,5720891	-0,045	0,323

CHR6	5049145	CHR6:5049145	SSF x LoA	-8,13432966	-0,067	0,307
CHR6	5049170	CHR6:5049170	SSF x LoA	-9,04047624	0,039	0,303
CHR6	5049171	CHR6:5049171	SSF x LoA	-8,38511408	-0,124	0,301
CHR6	5049255	CHR6:5049255	SSF x LoA	-8,10789521	-0,028	0,293
CHR6	5064531	CHR6:5064531	SSF x LoA	-9,89141747	0,055	0,297
CHR6	5064566	CHR6:5064566	SSF x LoA	-9,35716335	-0,165	0,292
CHR6	5064584	CHR6:5064584	SSF x LoA	-6,36801906	0,097	0,314
CHR6	5068062	CHR6:5068062	SSF x LoA	-12,151411	-0,063	0,291
CHR6	5073544	CHR6:5073544	SSF x LoA	-5,18930786	0,091	0,312
CHR6	5076917	CHR6:5076917	SSF x LoA	-9,48353168	0,023	0,310
CHR6	5076987	CHR6:5076987	SSF x LoA	-8,54841544	-0,071	0,287
CHR6	5077016	CHR6:5077016	SSF x LoA	-7,93378922	0,168	0,309
CHR6	5077045	CHR6:5077045	SSF x LoA	-6,50054191	0,123	0,297
CHR6	5077097	CHR6:5077097	SSF x LoA	-10,178124	-0,022	0,312
CHR6	5077116	CHR6:5077116	SSF x LoA	-7,91397152	0,150	0,293
CHR6	5080193	CHR6:5080193	SSF x LoA	-6,70404637	-0,084	0,303
CHR6	5080302	CHR6:5080302	SSF x LoA	-9,95359666	-0,117	0,308
CHR6	5083468	CHR6:5083468	SSF x LoA	-8,88460794	0,071	0,311
CHR6	5083485	CHR6:5083485	SSF x LoA	-9,19671161	0,155	0,305
CHR6	5083506	CHR6:5083506	SSF x LoA	-9,55996166	0,060	0,308
CHR6	5083651	CHR6:5083651	SSF x LoA	-10,7508954	0,031	0,308
CHR6	5085237	CHR6:5085237	SSF x LoA	-9,13357905	-0,098	0,302
CHR6	5085279	CHR6:5085279	SSF x LoA	-8,56285724	0,040	0,305
CHR6	5085319	CHR6:5085319	SSF x LoA	-4,88359296	0,133	0,309
CHR6	5085491	CHR6:5085491	SSF x LoA	-10,0276875	-0,054	0,309
CHR6	5092643	CHR6:5092643	SSF x LoA	-4,31886057	-0,019	0,316
CHR6	5092683	CHR6:5092683	SSF x LoA	-7,39279792	-0,149	0,298
CHR6	5092708	CHR6:5092708	SSF x LoA	-8,11618721	0,065	0,321
CHR6	5094824	CHR6:5094824	SSF x LoA	-10,7077351	0,016	0,312
CHR6	5094920	CHR6:5094920	SSF x LoA	-11,3613344	-0,074	0,278
CHR6	5094928	CHR6:5094928	SSF x LoA	-11,6168054	0,024	0,314
CHR6	5094951	CHR6:5094951	SSF x LoA	-7,32967238	0,088	0,300
CHR6	5094956	CHR6:5094956	SSF x LoA	-9,48096731	-0,027	0,305
CHR6	5103037	CHR6:5103037	SSF x LoA	-8,82508507	-0,076	0,312
CHR6	5103148	CHR6:5103148	SSF x LoA	-5,00940435	-0,057	0,307
CHR6	5108232	CHR6:5108232	SSF x LoA	-10,283469	-0,115	0,299
CHR6	5108250	CHR6:5108250	SSF x LoA	-10,0376503	0,028	0,317
CHR6	5109824	CHR6:5109824	SSF x LoA	-9,16543063	-0,082	0,304
CHR6	5111811	CHR6:5111811	SSF x LoA	-8,57601816	0,026	0,299
CHR6	5116418	CHR6:5116418	SSF x LoA	-11,0732607	-0,038	0,307
CHR6	5116441	CHR6:5116441	SSF x LoA	-10,4643765	0,042	0,306
CHR6	5116445	CHR6:5116445	SSF x LoA	-8,98181579	0,089	0,300
CHR6	5117707	CHR6:5117707	SSF x LoA	0,93635288	0,091	0,310
CHR6	5119032	CHR6:5119032	SSF x LoA	-11,0495377	-0,044	0,297
CHR6	5125939	CHR6:5125939	SSF x LoA	-11,1710962	0,045	0,298
CHR6	5126053	CHR6:5126053	SSF x LoA	-10,5501195	-0,006	0,301
CHR6	5126138	CHR6:5126138	SSF x LoA	-9,6101178	-0,082	0,301
CHR6	5127764	CHR6:5127764	SSF x LoA	-10,521026	-0,043	0,303
CHR6	5127808	CHR6:5127808	SSF x LoA	-8,79372189	-0,020	0,323
CHR6	5127904	CHR6:5127904	SSF x LoA	-9,27676948	0,020	0,286
CHR6	5127905	CHR6:5127905	SSF x LoA	-10,2020782	0,046	0,309
CHR6	5143438	CHR6:5143438	SSF x LoA	-9,89196503	0,098	0,312
CHR6	5143486	CHR6:5143486	SSF x LoA	-9,18945225	-0,011	0,299

CHR6	5145348	CHR6:5145348	SSF x LoA	-10,8081151	-0,080	0,297
CHR6	5151555	CHR6:5151555	SSF x LoA	-8,61940583	0,037	0,309
CHR6	5163193	CHR6:5163193	SSF x LoA	-10,275088	0,035	0,310
CHR6	5163213	CHR6:5163213	SSF x LoA	-8,07492405	-0,070	0,301
CHR6	5163255	CHR6:5163255	SSF x LoA	-8,12714767	0,029	0,310
CHR6	5163258	CHR6:5163258	SSF x LoA	-10,0244138	-0,040	0,315
CHR6	5163285	CHR6:5163285	SSF x LoA	-7,17610994	0,089	0,310
CHR6	5163292	CHR6:5163292	SSF x LoA	-5,25064667	0,131	0,297
CHR6	5163329	CHR6:5163329	SSF x LoA	-7,67667899	0,102	0,300
CHR6	5163337	CHR6:5163337	SSF x LoA	-10,2169782	-0,079	0,308
CHR6	5163352	CHR6:5163352	SSF x LoA	-10,7699303	0,114	0,305
CHR6	5163375	CHR6:5163375	SSF x LoA	-7,01465897	0,038	0,309
CHR6	5163385	CHR6:5163385	SSF x LoA	-8,81048612	-0,116	0,306
CHR6	5163403	CHR6:5163403	SSF x LoA	-6,78439482	0,104	0,296
CHR6	5163413	CHR6:5163413	SSF x LoA	-7,36698069	0,110	0,306
CHR6	5163415	CHR6:5163415	SSF x LoA	-10,6501208	-0,011	0,303
CHR6	5163421	CHR6:5163421	SSF x LoA	-11,4536435	0,009	0,309
CHR6	5184213	CHR6:5184213	SSF x LoA	-6,65558295	-0,118	0,306
CHR6	5184220	CHR6:5184220	SSF x LoA	-10,4550623	0,019	0,317
CHR6	5184225	CHR6:5184225	SSF x LoA	-10,2231001	0,067	0,329
CHR6	5184228	CHR6:5184228	SSF x LoA	-11,372442	0,054	0,312
CHR6	5192693	CHR6:5192693	SSF x LoA	-8,50644953	-0,065	0,308
CHR6	5194420	CHR6:5194420	SSF x LoA	-9,82598956	-0,015	0,306
CHR6	5194702	CHR6:5194702	SSF x LoA	-9,72370663	-0,031	0,299
CHR6	5194711	CHR6:5194711	SSF x LoA	-9,86882683	-0,032	0,292
CHR6	520188	CHR6:520188	SSF x LoA	-8,63998918	0,133	0,308
CHR6	520195	CHR6:520195	SSF x LoA	-11,6002257	-0,015	0,314
CHR6	5207782	CHR6:5207782	SSF x LoA	-9,32960871	0,025	0,330
CHR6	5207845	CHR6:5207845	SSF x LoA	-10,3788985	-0,013	0,304
CHR6	5207929	CHR6:5207929	SSF x LoA	-8,23070176	-0,037	0,317
CHR6	5207952	CHR6:5207952	SSF x LoA	-10,2488682	-0,032	0,309
CHR6	5212652	CHR6:5212652	SSF x LoA	-11,5529745	0,035	0,297
CHR6	5212899	CHR6:5212899	SSF x LoA	-9,39121019	0,080	0,310
CHR6	5228633	CHR6:5228633	SSF x LoA	-11,5774788	-0,024	0,293
CHR6	5238404	CHR6:5238404	SSF x LoA	-6,55494718	-0,097	0,294
CHR6	5264779	CHR6:5264779	SSF x LoA	-10,5394658	0,028	0,302
CHR6	5286869	CHR6:5286869	SSF x LoA	-10,9641171	-0,027	0,301
CHR6	5286929	CHR6:5286929	SSF x LoA	-10,2572906	0,046	0,302
CHR6	5286952	CHR6:5286952	SSF x LoA	-11,2781562	-0,053	0,313
CHR6	5287047	CHR6:5287047	SSF x LoA	-10,1025123	-0,063	0,309
CHR6	5299122	CHR6:5299122	SSF x LoA	-9,3247656	0,079	0,314
CHR6	5299167	CHR6:5299167	SSF x LoA	-6,16264048	-0,028	0,303
CHR6	5312421	CHR6:5312421	SSF x LoA	-10,9068037	-0,024	0,311
CHR6	5312625	CHR6:5312625	SSF x LoA	-8,68641583	0,097	0,304
CHR6	5334556	CHR6:5334556	SSF x LoA	-9,06557936	0,019	0,303
CHR6	5334655	CHR6:5334655	SSF x LoA	-9,8517223	-0,043	0,308
CHR6	5347771	CHR6:5347771	SSF x LoA	-10,6265621	0,014	0,302
CHR6	5347812	CHR6:5347812	SSF x LoA	-7,81509081	-0,006	0,314
CHR6	5347823	CHR6:5347823	SSF x LoA	-10,8863347	-0,023	0,308
CHR6	5347827	CHR6:5347827	SSF x LoA	-10,3510717	-0,038	0,296
CHR6	5353673	CHR6:5353673	SSF x LoA	-8,51288572	-0,023	0,313
CHR6	5353738	CHR6:5353738	SSF x LoA	-9,20840717	0,030	0,317
CHR6	5353740	CHR6:5353740	SSF x LoA	-9,67310265	0,043	0,319

CHR6	5353742	CHR6:5353742	SSF x LoA	-9,13756065	0,106	0,322
CHR6	5353747	CHR6:5353747	SSF x LoA	-10,5510416	-0,067	0,299
CHR6	5353753	CHR6:5353753	SSF x LoA	-0,79070623	0,041	0,322
CHR6	5353773	CHR6:5353773	SSF x LoA	-10,3401639	-0,021	0,309
CHR6	5353775	CHR6:5353775	SSF x LoA	-9,8625492	-0,026	0,306
CHR6	5353795	CHR6:5353795	SSF x LoA	-10,8782011	0,002	0,309
CHR6	5356712	CHR6:5356712	SSF x LoA	-9,94469481	0,039	0,312
CHR6	5363131	CHR6:5363131	SSF x LoA	-9,64163152	-0,041	0,316
CHR6	536615	CHR6:536615	SSF x LoA	-3,63759373	-0,087	0,312
CHR6	536682	CHR6:536682	SSF x LoA	-7,60650747	0,193	0,293
CHR6	5368642	CHR6:5368642	SSF x LoA	-10,1919221	-0,141	0,293
CHR6	5368654	CHR6:5368654	SSF x LoA	-6,62563927	-0,169	0,292
CHR6	5373210	CHR6:5373210	SSF x LoA	-9,69899393	0,067	0,319
CHR6	5373282	CHR6:5373282	SSF x LoA	-9,63318918	0,075	0,301
CHR6	5373360	CHR6:5373360	SSF x LoA	-8,52647442	0,023	0,312
CHR6	5373393	CHR6:5373393	SSF x LoA	-9,09555649	-0,098	0,314
CHR6	5373395	CHR6:5373395	SSF x LoA	-9,09995431	0,023	0,302
CHR6	5373419	CHR6:5373419	SSF x LoA	-9,57243682	0,078	0,301
CHR6	5380089	CHR6:5380089	SSF x LoA	-10,0652255	0,056	0,307
CHR6	5380187	CHR6:5380187	SSF x LoA	-10,0198987	-0,048	0,310
CHR6	5382101	CHR6:5382101	SSF x LoA	-10,0333588	-0,008	0,304
CHR6	5382147	CHR6:5382147	SSF x LoA	-7,45429846	0,025	0,309
CHR6	5382410	CHR6:5382410	SSF x LoA	-10,4999842	0,040	0,308
CHR6	5389585	CHR6:5389585	SSF x LoA	-9,98439065	-0,032	0,305
CHR6	5389685	CHR6:5389685	SSF x LoA	-7,7543196	-0,059	0,312
CHR6	5389687	CHR6:5389687	SSF x LoA	-11,3342241	0,036	0,308
CHR6	5395493	CHR6:5395493	SSF x LoA	-10,2689416	0,062	0,300
CHR6	5395514	CHR6:5395514	SSF x LoA	-6,9997221	-0,140	0,275
CHR6	5395575	CHR6:5395575	SSF x LoA	-9,78652945	0,037	0,307
CHR6	5395646	CHR6:5395646	SSF x LoA	-8,8712476	-0,007	0,312
CHR6	5417100	CHR6:5417100	SSF x LoA	-9,07661598	-0,046	0,293
CHR6	5420458	CHR6:5420458	SSF x LoA	-8,65391196	-0,013	0,318
CHR6	5420569	CHR6:5420569	SSF x LoA	-11,2297154	-0,001	0,308
CHR6	5420597	CHR6:5420597	SSF x LoA	-8,08935367	0,003	0,321
CHR6	5420628	CHR6:5420628	SSF x LoA	-8,62286591	-0,006	0,316
CHR6	5426877	CHR6:5426877	SSF x LoA	-9,39318212	0,110	0,316
CHR6	5426954	CHR6:5426954	SSF x LoA	-12,6675258	0,008	0,307
CHR6	5427012	CHR6:5427012	SSF x LoA	-8,65416691	0,117	0,310
CHR6	5427046	CHR6:5427046	SSF x LoA	-7,67486248	-0,009	0,308
CHR6	5436243	CHR6:5436243	SSF x LoA	-9,08028397	-0,121	0,307
CHR6	5442637	CHR6:5442637	SSF x LoA	-10,6314359	0,010	0,305
CHR6	5443297	CHR6:5443297	SSF x LoA	-9,85159225	0,021	0,305
CHR6	5449766	CHR6:5449766	SSF x LoA	-10,5106111	-0,015	0,309
CHR6	5449863	CHR6:5449863	SSF x LoA	-6,68326963	-0,117	0,306
CHR6	5449884	CHR6:5449884	SSF x LoA	-11,1176893	0,056	0,308
CHR6	5457361	CHR6:5457361	SSF x LoA	-9,03088856	-0,033	0,300
CHR6	5457371	CHR6:5457371	SSF x LoA	-10,1795155	-0,014	0,312
CHR6	5457414	CHR6:5457414	SSF x LoA	-11,5710878	-0,063	0,297
CHR6	5457441	CHR6:5457441	SSF x LoA	-6,78611246	-0,131	0,308
CHR6	5457446	CHR6:5457446	SSF x LoA	-8,94049924	-0,146	0,301
CHR6	5457503	CHR6:5457503	SSF x LoA	-11,1422732	0,098	0,302
CHR6	5459200	CHR6:5459200	SSF x LoA	-8,88619674	0,031	0,314
CHR6	5461639	CHR6:5461639	SSF x LoA	-9,90952851	0,077	0,315

CHR6	5461694	CHR6:5461694	SSF x LoA	-7,71856451	-0,092	0,303
CHR6	5461750	CHR6:5461750	SSF x LoA	-10,5478069	-0,017	0,301
CHR6	5461751	CHR6:5461751	SSF x LoA	-10,3395355	0,005	0,309
CHR6	5461845	CHR6:5461845	SSF x LoA	-9,14725027	0,009	0,305
CHR6	5463514	CHR6:5463514	SSF x LoA	-8,17997293	0,036	0,315
CHR6	5463518	CHR6:5463518	SSF x LoA	-10,1130826	0,045	0,312
CHR6	5463561	CHR6:5463561	SSF x LoA	-8,62977693	-0,025	0,309
CHR6	5463567	CHR6:5463567	SSF x LoA	-5,26779575	0,005	0,323
CHR6	5463715	CHR6:5463715	SSF x LoA	-9,86902693	0,070	0,298
CHR6	5496207	CHR6:5496207	SSF x LoA	-9,52220184	-0,038	0,289
CHR6	5496281	CHR6:5496281	SSF x LoA	-10,8320483	-0,113	0,306
CHR6	5496290	CHR6:5496290	SSF x LoA	-10,590911	-0,012	0,313
CHR6	5496325	CHR6:5496325	SSF x LoA	-8,63287354	0,006	0,319
CHR6	5496326	CHR6:5496326	SSF x LoA	-7,3804503	0,075	0,297
CHR6	5496455	CHR6:5496455	SSF x LoA	-9,53017345	-0,036	0,290
CHR6	5497548	CHR6:5497548	SSF x LoA	-7,37225682	-0,116	0,308
CHR6	5504663	CHR6:5504663	SSF x LoA	-8,76527167	-0,080	0,317
CHR6	5505364	CHR6:5505364	SSF x LoA	-10,4107077	-0,136	0,290
CHR6	5508659	CHR6:5508659	SSF x LoA	-11,1207368	-0,014	0,293
CHR6	5510590	CHR6:5510590	SSF x LoA	-9,55673886	0,005	0,308
CHR6	5511484	CHR6:5511484	SSF x LoA	-9,90065312	0,018	0,314
CHR6	5515422	CHR6:5515422	SSF x LoA	-11,775177	0,019	0,317
CHR6	5515432	CHR6:5515432	SSF x LoA	-7,79771158	0,047	0,318
CHR6	5519442	CHR6:5519442	SSF x LoA	-10,1835022	-0,118	0,315
CHR6	5528071	CHR6:5528071	SSF x LoA	-12,069668	0,003	0,317
CHR6	5530034	CHR6:5530034	SSF x LoA	-10,362125	0,084	0,303
CHR6	5530109	CHR6:5530109	SSF x LoA	-10,7209093	-0,055	0,306
CHR6	5530275	CHR6:5530275	SSF x LoA	-11,1317989	-0,015	0,319
CHR6	554196	CHR6:554196	SSF x LoA	-11,0869898	0,046	0,311
CHR6	554200	CHR6:554200	SSF x LoA	-9,6309413	0,080	0,325
CHR6	5543317	CHR6:5543317	SSF x LoA	-8,05745941	0,018	0,306
CHR6	5543329	CHR6:5543329	SSF x LoA	-7,07655245	0,064	0,312
CHR6	5543417	CHR6:5543417	SSF x LoA	-9,29898727	-0,030	0,316
CHR6	5543530	CHR6:5543530	SSF x LoA	-10,3433236	-0,027	0,315
CHR6	5550252	CHR6:5550252	SSF x LoA	-11,0080019	0,054	0,304
CHR6	5550315	CHR6:5550315	SSF x LoA	-2,05059768	-0,218	0,290
CHR6	5550354	CHR6:5550354	SSF x LoA	-8,73685931	-0,177	0,292
CHR6	5550494	CHR6:5550494	SSF x LoA	-10,1331029	-0,036	0,298
CHR6	5556285	CHR6:5556285	SSF x LoA	-7,97917624	-0,028	0,309
CHR6	5558636	CHR6:5558636	SSF x LoA	-10,8622261	-0,090	0,294
CHR6	5561842	CHR6:5561842	SSF x LoA	-7,18921822	0,070	0,323
CHR6	5561916	CHR6:5561916	SSF x LoA	-4,99700883	-0,060	0,301
CHR6	5561925	CHR6:5561925	SSF x LoA	-11,4409018	0,048	0,315
CHR6	5562015	CHR6:5562015	SSF x LoA	-7,47780214	-0,033	0,306
CHR6	5562018	CHR6:5562018	SSF x LoA	-9,75796511	0,002	0,295
CHR6	5562021	CHR6:5562021	SSF x LoA	-4,1398687	0,056	0,326
CHR6	557389	CHR6:557389	SSF x LoA	-10,4752204	0,020	0,301
CHR6	5574941	CHR6:5574941	SSF x LoA	-9,4571521	-0,149	0,311
CHR6	5575522	CHR6:5575522	SSF x LoA	-8,51595915	-0,103	0,301
CHR6	5575525	CHR6:5575525	SSF x LoA	-10,0269928	-0,014	0,323
CHR6	5577234	CHR6:5577234	SSF x LoA	-8,17116744	0,010	0,309
CHR6	5577238	CHR6:5577238	SSF x LoA	-4,94660264	-0,139	0,305
CHR6	5581227	CHR6:5581227	SSF x LoA	-6,00939163	-0,117	0,313

CHR6	5581342	CHR6:5581342	SSF x LoA	-11,5775393	0,054	0,302
CHR6	5581473	CHR6:5581473	SSF x LoA	-9,07459528	-0,082	0,311
CHR6	5589112	CHR6:5589112	SSF x LoA	-8,81824611	-0,159	0,305
CHR6	5592700	CHR6:5592700	SSF x LoA	-11,874864	0,087	0,296
CHR6	5596069	CHR6:5596069	SSF x LoA	-11,9598157	-0,004	0,306
CHR6	5596115	CHR6:5596115	SSF x LoA	-8,86818257	0,088	0,296
CHR6	5599562	CHR6:5599562	SSF x LoA	-8,57102663	-0,029	0,309
CHR6	5599575	CHR6:5599575	SSF x LoA	-9,35871833	0,102	0,305
CHR6	5599652	CHR6:5599652	SSF x LoA	-8,120971	-0,014	0,310
CHR6	5599653	CHR6:5599653	SSF x LoA	-8,13063221	-0,013	0,317
CHR6	5601187	CHR6:5601187	SSF x LoA	-7,86720147	0,059	0,319
CHR6	5601218	CHR6:5601218	SSF x LoA	-6,93166987	0,074	0,303
CHR6	5601286	CHR6:5601286	SSF x LoA	-6,67747316	0,071	0,314
CHR6	5608991	CHR6:5608991	SSF x LoA	-9,18619297	-0,123	0,310
CHR6	5609021	CHR6:5609021	SSF x LoA	-9,04611253	-0,024	0,291
CHR6	5609043	CHR6:5609043	SSF x LoA	-9,67271495	-0,048	0,311
CHR6	5624501	CHR6:5624501	SSF x LoA	-8,64304355	0,015	0,305
CHR6	5624521	CHR6:5624521	SSF x LoA	-6,94931657	0,126	0,300
CHR6	5624563	CHR6:5624563	SSF x LoA	-7,3440348	-0,105	0,302
CHR6	5634677	CHR6:5634677	SSF x LoA	-10,486203	0,103	0,312
CHR6	564789	CHR6:564789	SSF x LoA	-8,06724773	0,111	0,293
CHR6	564798	CHR6:564798	SSF x LoA	-11,7083721	-0,067	0,307
CHR6	564811	CHR6:564811	SSF x LoA	-11,6471776	-0,015	0,310
CHR6	564847	CHR6:564847	SSF x LoA	-9,49736108	-0,017	0,291
CHR6	564882	CHR6:564882	SSF x LoA	-9,71728703	-0,021	0,291
CHR6	5650330	CHR6:5650330	SSF x LoA	-10,5494099	0,032	0,318
CHR6	5652957	CHR6:5652957	SSF x LoA	-9,30777121	0,000	0,306
CHR6	5653005	CHR6:5653005	SSF x LoA	-10,0217936	-0,053	0,303
CHR6	5667693	CHR6:5667693	SSF x LoA	-9,92239289	-0,063	0,302
CHR6	5667742	CHR6:5667742	SSF x LoA	-8,19738608	0,078	0,307
CHR6	5667799	CHR6:5667799	SSF x LoA	-10,5133026	-0,092	0,295
CHR6	5676964	CHR6:5676964	SSF x LoA	-9,46500625	0,109	0,302
CHR6	5676983	CHR6:5676983	SSF x LoA	-7,91569682	-0,049	0,321
CHR6	5682135	CHR6:5682135	SSF x LoA	-9,44577105	-0,052	0,305
CHR6	5686210	CHR6:5686210	SSF x LoA	-8,03071934	-0,009	0,312
CHR6	5686213	CHR6:5686213	SSF x LoA	-9,75560459	0,004	0,332
CHR6	5686352	CHR6:5686352	SSF x LoA	-10,4636817	-0,072	0,304
CHR6	5686380	CHR6:5686380	SSF x LoA	-7,9439133	-0,074	0,317
CHR6	5686393	CHR6:5686393	SSF x LoA	-8,77502192	-0,104	0,310
CHR6	5686446	CHR6:5686446	SSF x LoA	-8,98868602	-0,117	0,312
CHR6	5691946	CHR6:5691946	SSF x LoA	0,90241399	-0,033	0,307
CHR6	5692016	CHR6:5692016	SSF x LoA	-11,1654113	-0,106	0,301
CHR6	5694101	CHR6:5694101	SSF x LoA	-8,92247236	-0,118	0,304
CHR6	5705106	CHR6:5705106	SSF x LoA	-10,4709426	0,022	0,304
CHR6	5705121	CHR6:5705121	SSF x LoA	-10,0262404	0,017	0,299
CHR6	5705200	CHR6:5705200	SSF x LoA	4,16294486	0,106	0,295
CHR6	5705290	CHR6:5705290	SSF x LoA	-10,1405624	-0,032	0,296
CHR6	5714702	CHR6:5714702	SSF x LoA	-2,84271609	-0,128	0,312
CHR6	5721372	CHR6:5721372	SSF x LoA	-11,8069538	0,064	0,302
CHR6	5722411	CHR6:5722411	SSF x LoA	-8,61394184	-0,081	0,310
CHR6	5726441	CHR6:5726441	SSF x LoA	-9,9333898	-0,012	0,317
CHR6	5726512	CHR6:5726512	SSF x LoA	-9,25532496	0,045	0,305
CHR6	5739160	CHR6:5739160	SSF x LoA	-10,7809268	-0,109	0,301

CHR6	5739187	CHR6:5739187	SSF x LoA	-8,59434095	-0,132	0,295
CHR6	5740816	CHR6:5740816	SSF x LoA	-11,5074711	0,055	0,296
CHR6	5740840	CHR6:5740840	SSF x LoA	-9,46609891	0,024	0,306
CHR6	5740870	CHR6:5740870	SSF x LoA	-7,14283713	0,032	0,314
CHR6	5740982	CHR6:5740982	SSF x LoA	-7,67841268	0,041	0,305
CHR6	5740983	CHR6:5740983	SSF x LoA	-10,2163907	0,048	0,311
CHR6	5740984	CHR6:5740984	SSF x LoA	-10,3215383	0,021	0,315
CHR6	5741013	CHR6:5741013	SSF x LoA	-12,2045325	0,000	0,300
CHR6	5746873	CHR6:5746873	SSF x LoA	-3,15462504	-0,134	0,305
CHR6	5750295	CHR6:5750295	SSF x LoA	-10,4906289	-0,145	0,302
CHR6	5751483	CHR6:5751483	SSF x LoA	-9,04135596	0,056	0,311
CHR6	5751574	CHR6:5751574	SSF x LoA	-9,90475591	-0,035	0,299
CHR6	5751592	CHR6:5751592	SSF x LoA	-10,5720254	0,037	0,320
CHR6	5771297	CHR6:5771297	SSF x LoA	-5,65572423	-0,177	0,295
CHR6	5771453	CHR6:5771453	SSF x LoA	-9,67389727	-0,163	0,299
CHR6	5773196	CHR6:5773196	SSF x LoA	-7,50913905	-0,129	0,302
CHR6	5776023	CHR6:5776023	SSF x LoA	-5,84942851	0,001	0,308
CHR6	5776217	CHR6:5776217	SSF x LoA	-4,25080301	-0,020	0,312
CHR6	5776251	CHR6:5776251	SSF x LoA	-8,28330473	-0,016	0,316
CHR6	5780239	CHR6:5780239	SSF x LoA	-9,86211185	0,018	0,295
CHR6	5780364	CHR6:5780364	SSF x LoA	-11,0808967	0,016	0,312
CHR6	5780458	CHR6:5780458	SSF x LoA	-4,32948502	-0,179	0,298
CHR6	5791988	CHR6:5791988	SSF x LoA	-11,4921143	0,038	0,294
CHR6	5796207	CHR6:5796207	SSF x LoA	-6,97165873	-0,087	0,297
CHR6	5796264	CHR6:5796264	SSF x LoA	-9,71095255	0,016	0,297
CHR6	5796435	CHR6:5796435	SSF x LoA	-9,64433955	0,091	0,295
CHR6	5805829	CHR6:5805829	SSF x LoA	-8,20786223	-0,005	0,310
CHR6	5805871	CHR6:5805871	SSF x LoA	-8,94401183	0,017	0,308
CHR6	5806149	CHR6:5806149	SSF x LoA	-10,6684783	-0,109	0,301
CHR6	5806221	CHR6:5806221	SSF x LoA	-2,4165522	-0,103	0,306
CHR6	5806229	CHR6:5806229	SSF x LoA	-11,892473	-0,072	0,297
CHR6	5809479	CHR6:5809479	SSF x LoA	-9,57454629	-0,079	0,311
CHR6	5813366	CHR6:5813366	SSF x LoA	-9,44378744	-0,038	0,298
CHR6	5813405	CHR6:5813405	SSF x LoA	-8,30658981	-0,156	0,294
CHR6	5813448	CHR6:5813448	SSF x LoA	-9,09286907	-0,114	0,301
CHR6	5813478	CHR6:5813478	SSF x LoA	-11,126435	0,043	0,302
CHR6	5813479	CHR6:5813479	SSF x LoA	-10,6950914	0,064	0,310
CHR6	5819039	CHR6:5819039	SSF x LoA	-10,7634297	0,049	0,310
CHR6	5819108	CHR6:5819108	SSF x LoA	-8,46507806	0,079	0,311
CHR6	5823225	CHR6:5823225	SSF x LoA	-11,090979	0,109	0,314
CHR6	5823311	CHR6:5823311	SSF x LoA	-10,0131866	0,019	0,299
CHR6	5829299	CHR6:5829299	SSF x LoA	-8,98888307	-0,019	0,311
CHR6	5829420	CHR6:5829420	SSF x LoA	-9,37427852	-0,003	0,312
CHR6	5829431	CHR6:5829431	SSF x LoA	-9,59064491	-0,114	0,294
CHR6	5837357	CHR6:5837357	SSF x LoA	-6,67590886	-0,084	0,308
CHR6	5837371	CHR6:5837371	SSF x LoA	-6,37754317	0,162	0,308
CHR6	5837372	CHR6:5837372	SSF x LoA	-11,1130103	-0,084	0,309
CHR6	5837444	CHR6:5837444	SSF x LoA	-9,38686698	-0,036	0,309
CHR6	5837473	CHR6:5837473	SSF x LoA	-8,00320714	-0,076	0,305
CHR6	5840001	CHR6:5840001	SSF x LoA	-10,0928718	0,164	0,298
CHR6	5845510	CHR6:5845510	SSF x LoA	-9,54152426	-0,017	0,305
CHR6	5851255	CHR6:5851255	SSF x LoA	-8,83237028	-0,089	0,306
CHR6	5851262	CHR6:5851262	SSF x LoA	-7,86823563	0,111	0,317

CHR6	5851292	CHR6:5851292	SSF x LoA	-6,96738082	-0,162	0,292
CHR6	5851305	CHR6:5851305	SSF x LoA	-9,09149608	0,010	0,299
CHR6	5851321	CHR6:5851321	SSF x LoA	-5,814662	0,099	0,298
CHR6	5851322	CHR6:5851322	SSF x LoA	-8,65217792	0,092	0,300
CHR6	5851391	CHR6:5851391	SSF x LoA	-8,68537248	0,061	0,301
CHR6	5851414	CHR6:5851414	SSF x LoA	-3,91552399	-0,147	0,300
CHR6	5863450	CHR6:5863450	SSF x LoA	-10,3575636	0,016	0,316
CHR6	5863452	CHR6:5863452	SSF x LoA	-8,80248952	0,044	0,308
CHR6	5866277	CHR6:5866277	SSF x LoA	-10,0196333	0,033	0,305
CHR6	5866335	CHR6:5866335	SSF x LoA	-6,02187516	-0,060	0,298
CHR6	5868413	CHR6:5868413	SSF x LoA	-4,9850809	0,179	0,303
CHR6	5868416	CHR6:5868416	SSF x LoA	-3,27785129	0,127	0,302
CHR6	5871564	CHR6:5871564	SSF x LoA	-5,60469896	0,103	0,301
CHR6	5871616	CHR6:5871616	SSF x LoA	-8,61216309	0,067	0,302
CHR6	5874364	CHR6:5874364	SSF x LoA	-10,9810384	-0,060	0,293
CHR6	5875796	CHR6:5875796	SSF x LoA	-7,97974076	-0,006	0,314
CHR6	5884605	CHR6:5884605	SSF x LoA	-8,49130634	-0,005	0,307
CHR6	5885042	CHR6:5885042	SSF x LoA	-0,21831677	0,001	0,308
CHR6	5885056	CHR6:5885056	SSF x LoA	-7,38779866	0,141	0,297
CHR6	5888036	CHR6:5888036	SSF x LoA	-9,02407434	-0,058	0,322
CHR6	5888096	CHR6:5888096	SSF x LoA	-7,05275604	-0,128	0,301
CHR6	5891490	CHR6:5891490	SSF x LoA	-9,00684077	-0,159	0,298
CHR6	5896375	CHR6:5896375	SSF x LoA	-8,4692579	0,125	0,307
CHR6	5896405	CHR6:5896405	SSF x LoA	-11,1536746	0,077	0,316
CHR6	5896495	CHR6:5896495	SSF x LoA	-4,29471367	0,240	0,285
CHR6	5897643	CHR6:5897643	SSF x LoA	-11,1471416	-0,017	0,306
CHR6	5902146	CHR6:5902146	SSF x LoA	-7,00997932	0,138	0,296
CHR6	5902154	CHR6:5902154	SSF x LoA	-9,64106471	0,094	0,301
CHR6	5902231	CHR6:5902231	SSF x LoA	-9,80906733	0,059	0,295
CHR6	5902235	CHR6:5902235	SSF x LoA	-8,20661313	0,138	0,287
CHR6	5902244	CHR6:5902244	SSF x LoA	-7,20546696	-0,166	0,291
CHR6	5902375	CHR6:5902375	SSF x LoA	-6,87338594	-0,082	0,294
CHR6	5904307	CHR6:5904307	SSF x LoA	-10,7441015	-0,018	0,312
CHR6	5904806	CHR6:5904806	SSF x LoA	-5,87652145	-0,019	0,311
CHR6	5904836	CHR6:5904836	SSF x LoA	-8,10685118	-0,032	0,295
CHR6	5904863	CHR6:5904863	SSF x LoA	-8,65911449	-0,027	0,306
CHR6	5904866	CHR6:5904866	SSF x LoA	-6,51036553	-0,026	0,322
CHR6	5904879	CHR6:5904879	SSF x LoA	-6,30881576	0,033	0,306
CHR6	5915479	CHR6:5915479	SSF x LoA	-10,2572532	-0,032	0,312
CHR6	5915497	CHR6:5915497	SSF x LoA	-6,9000192	-0,074	0,307
CHR6	5915515	CHR6:5915515	SSF x LoA	-4,62707027	-0,151	0,293
CHR6	5915519	CHR6:5915519	SSF x LoA	-9,23834101	-0,057	0,308
CHR6	5915531	CHR6:5915531	SSF x LoA	-10,5418423	-0,023	0,314
CHR6	5915566	CHR6:5915566	SSF x LoA	-9,63133397	0,093	0,311
CHR6	5915727	CHR6:5915727	SSF x LoA	-8,40297561	-0,114	0,311
CHR6	59178	CHR6:59178	SSF x LoA	-8,46807595	0,031	0,303
CHR6	5919770	CHR6:5919770	SSF x LoA	-10,7245593	-0,025	0,301
CHR6	5919860	CHR6:5919860	SSF x LoA	-8,9822667	0,110	0,290
CHR6	5919863	CHR6:5919863	SSF x LoA	-7,80347777	0,143	0,293
CHR6	59199	CHR6:59199	SSF x LoA	-8,72586822	-0,058	0,307
CHR6	5920629	CHR6:5920629	SSF x LoA	-7,81585	-0,070	0,307
CHR6	5920676	CHR6:5920676	SSF x LoA	-10,0794395	-0,052	0,317
CHR6	592223	CHR6:592223	SSF x LoA	-9,42919462	0,048	0,307

CHR6	5922533	CHR6:5922533	SSF x LoA	-7,74165996	-0,025	0,318
CHR6	592427	CHR6:592427	SSF x LoA	-7,436739	-0,043	0,317
CHR6	592442	CHR6:592442	SSF x LoA	-9,99613343	0,100	0,303
CHR6	592493	CHR6:592493	SSF x LoA	-10,3596282	0,052	0,299
CHR6	59265	CHR6:59265	SSF x LoA	-7,24085081	0,061	0,314
CHR6	5932576	CHR6:5932576	SSF x LoA	-10,9599251	-0,093	0,310
CHR6	5932594	CHR6:5932594	SSF x LoA	-8,74166211	-0,040	0,316
CHR6	5932710	CHR6:5932710	SSF x LoA	-9,5676376	-0,031	0,310
CHR6	5935567	CHR6:5935567	SSF x LoA	-9,73405039	-0,097	0,310
CHR6	5935596	CHR6:5935596	SSF x LoA	-6,1223448	0,006	0,310
CHR6	5935635	CHR6:5935635	SSF x LoA	-9,9417718	-0,054	0,315
CHR6	5935667	CHR6:5935667	SSF x LoA	-7,15159824	0,123	0,296
CHR6	5936612	CHR6:5936612	SSF x LoA	-10,9601515	-0,042	0,307
CHR6	5936613	CHR6:5936613	SSF x LoA	-9,47645677	-0,037	0,314
CHR6	5937771	CHR6:5937771	SSF x LoA	-6,75058261	0,154	0,317
CHR6	5937861	CHR6:5937861	SSF x LoA	-10,3767456	-0,014	0,307
CHR6	59383	CHR6:59383	SSF x LoA	-10,1108931	-0,031	0,314
CHR6	5948418	CHR6:5948418	SSF x LoA	-9,14277103	-0,045	0,309
CHR6	5948444	CHR6:5948444	SSF x LoA	-9,98965225	0,049	0,318
CHR6	5948451	CHR6:5948451	SSF x LoA	-5,96224899	-0,158	0,305
CHR6	5948599	CHR6:5948599	SSF x LoA	-8,06611368	0,112	0,315
CHR6	5948670	CHR6:5948670	SSF x LoA	-9,33004235	-0,039	0,313
CHR6	5948675	CHR6:5948675	SSF x LoA	-11,7555587	-0,051	0,301
CHR6	5948677	CHR6:5948677	SSF x LoA	-6,95280791	-0,072	0,310
CHR6	5948688	CHR6:5948688	SSF x LoA	-7,25586864	0,018	0,324
CHR6	5953092	CHR6:5953092	SSF x LoA	-8,96989599	0,111	0,306
CHR6	5956505	CHR6:5956505	SSF x LoA	-9,90930071	-0,113	0,315
CHR6	5956720	CHR6:5956720	SSF x LoA	-8,5019636	-0,091	0,309
CHR6	5959258	CHR6:5959258	SSF x LoA	-8,26309051	-0,082	0,301
CHR6	5959260	CHR6:5959260	SSF x LoA	-10,4377329	-0,063	0,306
CHR6	5959268	CHR6:5959268	SSF x LoA	-8,97911537	-0,045	0,308
CHR6	5959270	CHR6:5959270	SSF x LoA	-8,79188112	-0,143	0,295
CHR6	5959472	CHR6:5959472	SSF x LoA	-10,25543	-0,049	0,316
CHR6	5979671	CHR6:5979671	SSF x LoA	-9,85568664	-0,120	0,309
CHR6	5980845	CHR6:5980845	SSF x LoA	-8,0213395	-0,084	0,305
CHR6	5983778	CHR6:5983778	SSF x LoA	-8,84366593	-0,041	0,305
CHR6	5983793	CHR6:5983793	SSF x LoA	-8,73931867	0,003	0,300
CHR6	5986227	CHR6:5986227	SSF x LoA	-8,06789625	0,047	0,304
CHR6	5986386	CHR6:5986386	SSF x LoA	-7,16524707	0,112	0,299
CHR6	5998667	CHR6:5998667	SSF x LoA	-5,65161786	-0,072	0,314
CHR6	5998669	CHR6:5998669	SSF x LoA	-10,7199778	0,061	0,305
CHR6	5998677	CHR6:5998677	SSF x LoA	-8,81805465	0,132	0,317
CHR6	5998683	CHR6:5998683	SSF x LoA	-9,48241089	0,031	0,311
CHR6	5998686	CHR6:5998686	SSF x LoA	-9,80692127	-0,038	0,305
CHR6	5998702	CHR6:5998702	SSF x LoA	-11,6282576	0,092	0,307
CHR6	5998707	CHR6:5998707	SSF x LoA	-8,45604111	-0,048	0,300
CHR6	5998736	CHR6:5998736	SSF x LoA	-8,8023074	0,145	0,307
CHR6	5998769	CHR6:5998769	SSF x LoA	-10,7799275	-0,060	0,293
CHR6	6003124	CHR6:6003124	SSF x LoA	-8,08047162	-0,077	0,307
CHR6	6005351	CHR6:6005351	SSF x LoA	-9,66017414	0,048	0,307
CHR6	6008918	CHR6:6008918	SSF x LoA	-10,007053	-0,015	0,314
CHR6	6008926	CHR6:6008926	SSF x LoA	-10,0030297	-0,056	0,303
CHR6	6009050	CHR6:6009050	SSF x LoA	-9,54092046	0,114	0,307

CHR6	6009093	CHR6:6009093	SSF x LoA	-10,2549011	0,012	0,307
CHR6	6009097	CHR6:6009097	SSF x LoA	-9,17918672	0,010	0,304
CHR6	6009101	CHR6:6009101	SSF x LoA	-6,87079119	0,127	0,306
CHR6	6018174	CHR6:6018174	SSF x LoA	-4,84636367	-0,020	0,294
CHR6	6018259	CHR6:6018259	SSF x LoA	-7,80605488	0,074	0,303
CHR6	6018695	CHR6:6018695	SSF x LoA	-10,593076	-0,010	0,301
CHR6	6027818	CHR6:6027818	SSF x LoA	-9,02328675	0,090	0,302
CHR6	6035139	CHR6:6035139	SSF x LoA	1,90210626	-0,271	0,297
CHR6	6040291	CHR6:6040291	SSF x LoA	-8,93767262	0,016	0,314
CHR6	6040302	CHR6:6040302	SSF x LoA	-9,71189795	0,033	0,310
CHR6	6045140	CHR6:6045140	SSF x LoA	-9,07025297	-0,024	0,301
CHR6	6045803	CHR6:6045803	SSF x LoA	-8,94483496	-0,010	0,305
CHR6	6045845	CHR6:6045845	SSF x LoA	-8,14976413	-0,102	0,301
CHR6	6045890	CHR6:6045890	SSF x LoA	-11,050481	0,007	0,293
CHR6	6045913	CHR6:6045913	SSF x LoA	-6,30374687	-0,108	0,305
CHR6	6049904	CHR6:6049904	SSF x LoA	-10,1471236	-0,068	0,313
CHR6	6050014	CHR6:6050014	SSF x LoA	-9,76453669	0,025	0,288
CHR6	6050231	CHR6:6050231	SSF x LoA	-9,40247746	0,040	0,308
CHR6	6057133	CHR6:6057133	SSF x LoA	-7,57763182	-0,135	0,299
CHR6	6057134	CHR6:6057134	SSF x LoA	-8,57020581	-0,127	0,297
CHR6	6059182	CHR6:6059182	SSF x LoA	-8,52518976	-0,059	0,306
CHR6	6064473	CHR6:6064473	SSF x LoA	-9,9401579	-0,082	0,298
CHR6	6064487	CHR6:6064487	SSF x LoA	-9,19411744	-0,098	0,304
CHR6	6064515	CHR6:6064515	SSF x LoA	-8,2091846	0,117	0,297
CHR6	6066589	CHR6:6066589	SSF x LoA	-7,49536763	0,128	0,313
CHR6	6068439	CHR6:6068439	SSF x LoA	-8,36807203	0,135	0,299
CHR6	6071434	CHR6:6071434	SSF x LoA	-9,14587564	0,113	0,293
CHR6	6079587	CHR6:6079587	SSF x LoA	-11,3718102	0,064	0,313
CHR6	6086397	CHR6:6086397	SSF x LoA	-10,1436127	-0,149	0,324
CHR6	6092311	CHR6:6092311	SSF x LoA	-8,6440785	0,074	0,295
CHR6	6092380	CHR6:6092380	SSF x LoA	-8,58125916	0,030	0,304
CHR6	6092386	CHR6:6092386	SSF x LoA	-12,1065722	-0,014	0,301
CHR6	6098734	CHR6:6098734	SSF x LoA	-8,56188194	0,096	0,316
CHR6	6103150	CHR6:6103150	SSF x LoA	-10,222754	0,071	0,317
CHR6	6103191	CHR6:6103191	SSF x LoA	-8,77658413	-0,001	0,304
CHR6	611873	CHR6:611873	SSF x LoA	-11,0376773	-0,010	0,322
CHR6	6127818	CHR6:6127818	SSF x LoA	-7,89526347	0,184	0,304
CHR6	6127868	CHR6:6127868	SSF x LoA	-8,38770344	-0,152	0,290
CHR6	6127987	CHR6:6127987	SSF x LoA	-7,89173057	-0,022	0,304
CHR6	6128668	CHR6:6128668	SSF x LoA	-8,66255488	0,010	0,302
CHR6	6128715	CHR6:6128715	SSF x LoA	-7,12379318	0,031	0,314
CHR6	6128736	CHR6:6128736	SSF x LoA	-3,2758198	0,070	0,302
CHR6	6133911	CHR6:6133911	SSF x LoA	-10,8657318	0,014	0,304
CHR6	6133940	CHR6:6133940	SSF x LoA	-11,1416078	0,033	0,295
CHR6	6137715	CHR6:6137715	SSF x LoA	-8,23726934	-0,059	0,307
CHR6	6137724	CHR6:6137724	SSF x LoA	-6,77625296	-0,105	0,310
CHR6	6137745	CHR6:6137745	SSF x LoA	-5,85281621	-0,042	0,304
CHR6	6137746	CHR6:6137746	SSF x LoA	-9,20498457	-0,059	0,301
CHR6	6138997	CHR6:6138997	SSF x LoA	-9,26461008	-0,054	0,312
CHR6	6139005	CHR6:6139005	SSF x LoA	-8,79191987	0,002	0,309
CHR6	6139048	CHR6:6139048	SSF x LoA	-7,9105688	-0,078	0,314
CHR6	6143181	CHR6:6143181	SSF x LoA	-10,1185644	0,120	0,313
CHR6	6143310	CHR6:6143310	SSF x LoA	-4,32508396	-0,007	0,310

CHR6	6159806	CHR6:6159806	SSF x LoA	-11,0703319	0,021	0,307
CHR6	6161434	CHR6:6161434	SSF x LoA	-8,48725067	0,014	0,315
CHR6	616715	CHR6:616715	SSF x LoA	-7,32339859	-0,176	0,298
CHR6	6175751	CHR6:6175751	SSF x LoA	-4,51151621	-0,080	0,308
CHR6	6175838	CHR6:6175838	SSF x LoA	-8,26883011	0,057	0,314
CHR6	6175862	CHR6:6175862	SSF x LoA	-7,59942484	0,096	0,315
CHR6	6175891	CHR6:6175891	SSF x LoA	-9,70968075	-0,041	0,300
CHR6	6175897	CHR6:6175897	SSF x LoA	-8,56619715	0,111	0,298
CHR6	6176003	CHR6:6176003	SSF x LoA	-7,48017559	0,127	0,300
CHR6	6182154	CHR6:6182154	SSF x LoA	-10,7814106	0,010	0,316
CHR6	6182235	CHR6:6182235	SSF x LoA	-9,3803843	0,172	0,300
CHR6	6182346	CHR6:6182346	SSF x LoA	-5,82136268	0,166	0,302
CHR6	6182372	CHR6:6182372	SSF x LoA	-11,1981391	-0,045	0,313
CHR6	6182376	CHR6:6182376	SSF x LoA	-5,21067268	-0,057	0,313
CHR6	6186973	CHR6:6186973	SSF x LoA	-11,6642436	0,010	0,310
CHR6	619128	CHR6:619128	SSF x LoA	-9,72574419	-0,015	0,312
CHR6	6195278	CHR6:6195278	SSF x LoA	-7,52328352	-0,153	0,284
CHR6	6206350	CHR6:6206350	SSF x LoA	-11,4016147	-0,077	0,303
CHR6	6206357	CHR6:6206357	SSF x LoA	-8,70359904	-0,009	0,310
CHR6	6206358	CHR6:6206358	SSF x LoA	-8,15745368	-0,005	0,312
CHR6	6206409	CHR6:6206409	SSF x LoA	-8,03206538	-0,012	0,302
CHR6	6210910	CHR6:6210910	SSF x LoA	-5,38926959	-0,066	0,293
CHR6	6210916	CHR6:6210916	SSF x LoA	-6,93459736	-0,011	0,302
CHR6	6210962	CHR6:6210962	SSF x LoA	-7,90051107	0,099	0,302
CHR6	6212592	CHR6:6212592	SSF x LoA	-8,55630967	-0,135	0,303
CHR6	6212755	CHR6:6212755	SSF x LoA	-9,42609259	-0,067	0,307
CHR6	6212761	CHR6:6212761	SSF x LoA	-8,12375943	-0,054	0,294
CHR6	6216560	CHR6:6216560	SSF x LoA	-7,38514632	0,050	0,305
CHR6	6221000	CHR6:6221000	SSF x LoA	-7,75164438	-0,071	0,317
CHR6	6227479	CHR6:6227479	SSF x LoA	-8,78514668	0,049	0,315
CHR6	6231511	CHR6:6231511	SSF x LoA	-9,60056912	-0,136	0,302
CHR6	6235830	CHR6:6235830	SSF x LoA	-8,31202229	0,050	0,308
CHR6	6236256	CHR6:6236256	SSF x LoA	-11,4103697	0,028	0,306
CHR6	6238884	CHR6:6238884	SSF x LoA	-9,3187939	0,037	0,303
CHR6	6238914	CHR6:6238914	SSF x LoA	-9,96648111	-0,035	0,309
CHR6	6242502	CHR6:6242502	SSF x LoA	-8,84124957	0,045	0,318
CHR6	6242547	CHR6:6242547	SSF x LoA	-8,73963686	-0,029	0,295
CHR6	6242690	CHR6:6242690	SSF x LoA	-10,4709655	-0,013	0,303
CHR6	6242708	CHR6:6242708	SSF x LoA	-11,021958	-0,007	0,298
CHR6	6242759	CHR6:6242759	SSF x LoA	-8,96865355	-0,085	0,305
CHR6	6246513	CHR6:6246513	SSF x LoA	-5,08475361	0,017	0,310
CHR6	6246721	CHR6:6246721	SSF x LoA	-8,64670103	0,041	0,301
CHR6	6246820	CHR6:6246820	SSF x LoA	-9,35775312	-0,011	0,310
CHR6	6251696	CHR6:6251696	SSF x LoA	-8,31090959	0,085	0,312
CHR6	628077	CHR6:628077	SSF x LoA	-10,4572264	-0,094	0,306
CHR6	6282775	CHR6:6282775	SSF x LoA	-10,6530368	-0,037	0,303
CHR6	6282849	CHR6:6282849	SSF x LoA	-9,63161017	-0,035	0,314
CHR6	6284076	CHR6:6284076	SSF x LoA	-10,1288371	-0,111	0,289
CHR6	6284078	CHR6:6284078	SSF x LoA	-10,3905142	-0,115	0,288
CHR6	6284080	CHR6:6284080	SSF x LoA	-8,42039799	-0,103	0,302
CHR6	6287959	CHR6:6287959	SSF x LoA	-8,81874469	0,031	0,302
CHR6	6298061	CHR6:6298061	SSF x LoA	-8,53984389	-0,054	0,305
CHR6	6298064	CHR6:6298064	SSF x LoA	-8,91010357	0,046	0,312

CHR6	6298092	CHR6:6298092	SSF x LoA	-8,21149759	-0,061	0,296
CHR6	6298293	CHR6:6298293	SSF x LoA	-11,0413976	0,008	0,306
CHR6	6313033	CHR6:6313033	SSF x LoA	-8,10312405	0,049	0,299
CHR6	6313037	CHR6:6313037	SSF x LoA	-11,7039073	-0,001	0,312
CHR6	6313038	CHR6:6313038	SSF x LoA	-7,83009828	0,045	0,308
CHR6	6313051	CHR6:6313051	SSF x LoA	-8,97596702	0,003	0,314
CHR6	6313219	CHR6:6313219	SSF x LoA	-10,7305622	-0,048	0,309
CHR6	6318302	CHR6:6318302	SSF x LoA	-9,95847505	-0,046	0,311
CHR6	6318419	CHR6:6318419	SSF x LoA	-9,48986381	-0,054	0,321
CHR6	632323	CHR6:632323	SSF x LoA	-9,60965976	0,072	0,313
CHR6	6329531	CHR6:6329531	SSF x LoA	-9,13168882	-0,003	0,315
CHR6	6329608	CHR6:6329608	SSF x LoA	-8,65941203	-0,082	0,295
CHR6	6330273	CHR6:6330273	SSF x LoA	2,37604105	0,028	0,319
CHR6	6330274	CHR6:6330274	SSF x LoA	-9,89050247	-0,011	0,315
CHR6	6335861	CHR6:6335861	SSF x LoA	-10,4775635	-0,034	0,311
CHR6	6347318	CHR6:6347318	SSF x LoA	-10,9790017	-0,047	0,307
CHR6	6351581	CHR6:6351581	SSF x LoA	-10,9822256	-0,085	0,296
CHR6	6361145	CHR6:6361145	SSF x LoA	-8,77359074	0,015	0,309
CHR6	6361256	CHR6:6361256	SSF x LoA	-7,50946816	-0,140	0,295
CHR6	6361259	CHR6:6361259	SSF x LoA	-9,99582032	-0,054	0,297
CHR6	6361279	CHR6:6361279	SSF x LoA	-10,1841775	-0,155	0,288
CHR6	6361309	CHR6:6361309	SSF x LoA	-8,91901906	-0,122	0,306
CHR6	6361313	CHR6:6361313	SSF x LoA	-10,9437507	-0,094	0,302
CHR6	636153	CHR6:636153	SSF x LoA	-9,12506017	0,010	0,317
CHR6	6365229	CHR6:6365229	SSF x LoA	-11,883389	0,009	0,304
CHR6	6369310	CHR6:6369310	SSF x LoA	-10,0017685	0,077	0,300
CHR6	6370777	CHR6:6370777	SSF x LoA	-9,07974839	-0,023	0,293
CHR6	6370779	CHR6:6370779	SSF x LoA	-8,70122164	0,037	0,296
CHR6	6370797	CHR6:6370797	SSF x LoA	-11,3861038	0,047	0,297
CHR6	6370828	CHR6:6370828	SSF x LoA	-9,37092416	0,040	0,316
CHR6	6370855	CHR6:6370855	SSF x LoA	-7,5943616	-0,002	0,298
CHR6	6370862	CHR6:6370862	SSF x LoA	-8,34803205	0,043	0,302
CHR6	6370871	CHR6:6370871	SSF x LoA	-9,6722015	-0,089	0,293
CHR6	6370876	CHR6:6370876	SSF x LoA	-10,7553616	0,071	0,299
CHR6	6375193	CHR6:6375193	SSF x LoA	-10,11088	-0,016	0,312
CHR6	6375258	CHR6:6375258	SSF x LoA	-8,28473644	-0,019	0,312
CHR6	6376070	CHR6:6376070	SSF x LoA	-11,3325966	0,005	0,305
CHR6	6382614	CHR6:6382614	SSF x LoA	-8,08801238	0,087	0,296
CHR6	6382631	CHR6:6382631	SSF x LoA	-5,38283434	0,078	0,301
CHR6	6382634	CHR6:6382634	SSF x LoA	-9,80683302	-0,031	0,310
CHR6	638879	CHR6:638879	SSF x LoA	-3,74181697	-0,065	0,297
CHR6	638896	CHR6:638896	SSF x LoA	-9,93738495	0,020	0,299
CHR6	638922	CHR6:638922	SSF x LoA	-7,55658902	0,011	0,300
CHR6	6394591	CHR6:6394591	SSF x LoA	-8,49893812	-0,031	0,300
CHR6	6414932	CHR6:6414932	SSF x LoA	-8,58811345	0,061	0,320
CHR6	642592	CHR6:642592	SSF x LoA	-8,07961462	-0,076	0,300
CHR6	642737	CHR6:642737	SSF x LoA	-2,93302051	-0,136	0,306
CHR6	6429947	CHR6:6429947	SSF x LoA	-9,50908178	-0,034	0,307
CHR6	6430112	CHR6:6430112	SSF x LoA	-10,5650554	-0,042	0,309
CHR6	6432506	CHR6:6432506	SSF x LoA	-8,94262666	0,028	0,319
CHR6	6451894	CHR6:6451894	SSF x LoA	-3,81003995	0,109	0,307
CHR6	6453755	CHR6:6453755	SSF x LoA	-8,31571275	0,059	0,311
CHR6	6453837	CHR6:6453837	SSF x LoA	-9,25748547	-0,143	0,311

CHR6	6456786	CHR6:6456786	SSF x LoA	-9,00761953	0,048	0,308
CHR6	6456814	CHR6:6456814	SSF x LoA	-8,98430674	0,071	0,291
CHR6	6462689	CHR6:6462689	SSF x LoA	-6,32619441	0,006	0,298
CHR6	6466150	CHR6:6466150	SSF x LoA	-9,6817575	0,050	0,296
CHR6	6466153	CHR6:6466153	SSF x LoA	-7,94738915	-0,115	0,299
CHR6	6466174	CHR6:6466174	SSF x LoA	-8,77855001	-0,022	0,313
CHR6	6466176	CHR6:6466176	SSF x LoA	-8,58112542	-0,081	0,319
CHR6	6466891	CHR6:6466891	SSF x LoA	-10,9454569	0,084	0,306
CHR6	6475633	CHR6:6475633	SSF x LoA	-10,2757368	0,053	0,300
CHR6	6475653	CHR6:6475653	SSF x LoA	-6,00412722	-0,183	0,295
CHR6	6484999	CHR6:6484999	SSF x LoA	-10,7402538	-0,071	0,303
CHR6	6485077	CHR6:6485077	SSF x LoA	-9,00489552	0,022	0,296
CHR6	6485082	CHR6:6485082	SSF x LoA	-10,6654483	0,015	0,315
CHR6	6485111	CHR6:6485111	SSF x LoA	-10,4741359	0,104	0,304
CHR6	648852	CHR6:648852	SSF x LoA	-10,7509644	-0,016	0,314
CHR6	648949	CHR6:648949	SSF x LoA	-11,2473145	-0,033	0,316
CHR6	6490964	CHR6:6490964	SSF x LoA	-9,48503053	-0,023	0,296
CHR6	6490994	CHR6:6490994	SSF x LoA	-3,38402875	-0,158	0,273
CHR6	6491014	CHR6:6491014	SSF x LoA	-10,9703366	0,013	0,298
CHR6	6491044	CHR6:6491044	SSF x LoA	-7,1060844	-0,081	0,318
CHR6	6494356	CHR6:6494356	SSF x LoA	-10,7593943	-0,036	0,311
CHR6	6494442	CHR6:6494442	SSF x LoA	-11,4844426	0,064	0,314
CHR6	6514266	CHR6:6514266	SSF x LoA	-7,53423177	-0,111	0,298
CHR6	651888	CHR6:651888	SSF x LoA	-10,2953648	-0,014	0,310
CHR6	651893	CHR6:651893	SSF x LoA	-11,5654331	-0,063	0,326
CHR6	6529276	CHR6:6529276	SSF x LoA	-4,48199099	0,006	0,321
CHR6	6529288	CHR6:6529288	SSF x LoA	-8,43284526	0,116	0,315
CHR6	6529348	CHR6:6529348	SSF x LoA	-8,21514344	0,112	0,308
CHR6	6529350	CHR6:6529350	SSF x LoA	-8,51065129	0,130	0,303
CHR6	6529379	CHR6:6529379	SSF x LoA	4,31677815	0,126	0,297
CHR6	6529381	CHR6:6529381	SSF x LoA	-8,10757228	0,115	0,307
CHR6	6529383	CHR6:6529383	SSF x LoA	-8,9681328	0,066	0,301
CHR6	6529384	CHR6:6529384	SSF x LoA	-7,17907036	0,128	0,300
CHR6	6529386	CHR6:6529386	SSF x LoA	-5,31746978	0,109	0,310
CHR6	6529423	CHR6:6529423	SSF x LoA	-7,36908155	0,005	0,318
CHR6	6529437	CHR6:6529437	SSF x LoA	-9,4248459	-0,037	0,305
CHR6	6529460	CHR6:6529460	SSF x LoA	-9,08272763	0,008	0,309
CHR6	6531707	CHR6:6531707	SSF x LoA	-9,06963118	-0,032	0,302
CHR6	6532050	CHR6:6532050	SSF x LoA	-9,28501317	0,060	0,294
CHR6	6543991	CHR6:6543991	SSF x LoA	-8,24411492	0,003	0,333
CHR6	6555032	CHR6:6555032	SSF x LoA	-6,6919179	-0,018	0,321
CHR6	6555051	CHR6:6555051	SSF x LoA	-9,49194334	-0,028	0,314
CHR6	6556085	CHR6:6556085	SSF x LoA	-10,1411853	0,128	0,310
CHR6	6556090	CHR6:6556090	SSF x LoA	-9,02528332	0,024	0,303
CHR6	6556129	CHR6:6556129	SSF x LoA	-10,104713	0,001	0,313
CHR6	6556155	CHR6:6556155	SSF x LoA	-8,48874199	-0,081	0,301
CHR6	6556166	CHR6:6556166	SSF x LoA	-10,9662303	0,060	0,309
CHR6	6562519	CHR6:6562519	SSF x LoA	-9,96086197	-0,051	0,293
CHR6	6562642	CHR6:6562642	SSF x LoA	-10,1549244	0,011	0,309
CHR6	6562665	CHR6:6562665	SSF x LoA	-10,4616655	-0,016	0,311
CHR6	6586988	CHR6:6586988	SSF x LoA	-9,9177742	-0,159	0,299
CHR6	6587041	CHR6:6587041	SSF x LoA	-6,23288281	0,037	0,309
CHR6	6587057	CHR6:6587057	SSF x LoA	-6,95321797	-0,106	0,300

CHR6	6587064	CHR6:6587064	SSF x LoA	-7,47548389	-0,104	0,314
CHR6	6587071	CHR6:6587071	SSF x LoA	-7,63688239	-0,121	0,306
CHR6	6587073	CHR6:6587073	SSF x LoA	-8,97511429	0,042	0,296
CHR6	6587084	CHR6:6587084	SSF x LoA	-9,25037152	0,003	0,309
CHR6	6587092	CHR6:6587092	SSF x LoA	-10,3836566	0,089	0,295
CHR6	6587132	CHR6:6587132	SSF x LoA	-9,11777418	0,058	0,318
CHR6	6587168	CHR6:6587168	SSF x LoA	-9,75116201	0,045	0,314
CHR6	6593480	CHR6:6593480	SSF x LoA	-6,58082801	-0,136	0,310
CHR6	6594127	CHR6:6594127	SSF x LoA	-9,89789823	-0,086	0,300
CHR6	6604322	CHR6:6604322	SSF x LoA	-8,9073674	-0,068	0,311
CHR6	6604379	CHR6:6604379	SSF x LoA	-9,53825825	0,003	0,304
CHR6	6604425	CHR6:6604425	SSF x LoA	-8,49074097	0,046	0,314
CHR6	6609834	CHR6:6609834	SSF x LoA	-4,28603173	0,112	0,303
CHR6	6609837	CHR6:6609837	SSF x LoA	-7,81501875	0,023	0,316
CHR6	6609949	CHR6:6609949	SSF x LoA	-9,86344248	-0,074	0,302
CHR6	6610533	CHR6:6610533	SSF x LoA	-10,0622803	0,042	0,310
CHR6	6610566	CHR6:6610566	SSF x LoA	-8,24753989	-0,085	0,312
CHR6	6610979	CHR6:6610979	SSF x LoA	-9,1544942	0,059	0,299
CHR6	6611603	CHR6:6611603	SSF x LoA	-8,26071445	-0,056	0,320
CHR6	6625038	CHR6:6625038	SSF x LoA	-7,82480453	0,068	0,308
CHR6	6625078	CHR6:6625078	SSF x LoA	-7,97250971	-0,084	0,308
CHR6	6634970	CHR6:6634970	SSF x LoA	-10,6078335	-0,096	0,301
CHR6	6634980	CHR6:6634980	SSF x LoA	-9,93242662	-0,080	0,304
CHR6	6634988	CHR6:6634988	SSF x LoA	-5,10027214	-0,099	0,319
CHR6	6635004	CHR6:6635004	SSF x LoA	-8,90063412	0,015	0,313
CHR6	6635011	CHR6:6635011	SSF x LoA	-10,5852283	0,011	0,302
CHR6	6635024	CHR6:6635024	SSF x LoA	-7,02861887	-0,120	0,296
CHR6	6635066	CHR6:6635066	SSF x LoA	-8,14470258	0,060	0,310
CHR6	6635129	CHR6:6635129	SSF x LoA	-8,3993488	0,109	0,310
CHR6	6637583	CHR6:6637583	SSF x LoA	-8,9277483	-0,114	0,304
CHR6	6637758	CHR6:6637758	SSF x LoA	-9,12494441	0,020	0,306
CHR6	6637783	CHR6:6637783	SSF x LoA	-8,61421681	0,105	0,307
CHR6	6648484	CHR6:6648484	SSF x LoA	-7,04573063	-0,030	0,308
CHR6	6648610	CHR6:6648610	SSF x LoA	-11,6427968	0,048	0,320
CHR6	6658980	CHR6:6658980	SSF x LoA	-9,43446331	-0,106	0,309
CHR6	6658996	CHR6:6658996	SSF x LoA	-10,5264417	-0,062	0,298
CHR6	6659075	CHR6:6659075	SSF x LoA	-0,69612135	-0,067	0,296
CHR6	6659095	CHR6:6659095	SSF x LoA	-10,4084775	-0,046	0,312
CHR6	6659174	CHR6:6659174	SSF x LoA	-4,99571117	0,068	0,298
CHR6	6659202	CHR6:6659202	SSF x LoA	-9,2492881	-0,044	0,313
CHR6	6659227	CHR6:6659227	SSF x LoA	-7,7639836	-0,066	0,313
CHR6	6659268	CHR6:6659268	SSF x LoA	-10,9720169	0,014	0,284
CHR6	6659276	CHR6:6659276	SSF x LoA	-11,9390994	-0,072	0,296
CHR6	6661089	CHR6:6661089	SSF x LoA	-9,19645674	-0,074	0,298
CHR6	6661984	CHR6:6661984	SSF x LoA	-8,53379053	-0,063	0,303
CHR6	6666545	CHR6:6666545	SSF x LoA	-11,3403131	0,065	0,303
CHR6	6668750	CHR6:6668750	SSF x LoA	-6,39275685	-0,058	0,306
CHR6	6668812	CHR6:6668812	SSF x LoA	-7,18615503	-0,017	0,312
CHR6	6668814	CHR6:6668814	SSF x LoA	-6,83178877	-0,017	0,320
CHR6	6668968	CHR6:6668968	SSF x LoA	-9,60019122	0,092	0,309
CHR6	6671149	CHR6:6671149	SSF x LoA	-4,14699743	0,126	0,297
CHR6	6671214	CHR6:6671214	SSF x LoA	-7,85733662	-0,163	0,301
CHR6	6692404	CHR6:6692404	SSF x LoA	-3,33847876	0,037	0,292

CHR6	6692533	CHR6:6692533	SSF x LoA	-7,91049761	-0,098	0,303
CHR6	6692536	CHR6:6692536	SSF x LoA	-9,70251037	-0,089	0,309
CHR6	6692662	CHR6:6692662	SSF x LoA	-10,0873628	0,047	0,317
CHR6	6692679	CHR6:6692679	SSF x LoA	-9,51380301	-0,041	0,298
CHR6	6692689	CHR6:6692689	SSF x LoA	-10,0784119	-0,047	0,306
CHR6	6692693	CHR6:6692693	SSF x LoA	-9,23901809	-0,094	0,308
CHR6	6695806	CHR6:6695806	SSF x LoA	-9,6276283	-0,114	0,293
CHR6	6695867	CHR6:6695867	SSF x LoA	-6,60858283	0,144	0,289
CHR6	6695894	CHR6:6695894	SSF x LoA	-7,78906424	0,137	0,290
CHR6	6695897	CHR6:6695897	SSF x LoA	-8,95022165	0,084	0,303
CHR6	6695933	CHR6:6695933	SSF x LoA	-8,44855516	0,092	0,290
CHR6	6695935	CHR6:6695935	SSF x LoA	-9,95566867	-0,043	0,302
CHR6	6695953	CHR6:6695953	SSF x LoA	-10,9762891	0,013	0,303
CHR6	6701369	CHR6:6701369	SSF x LoA	0,75639916	0,134	0,309
CHR6	6701383	CHR6:6701383	SSF x LoA	-8,12355464	0,116	0,310
CHR6	6701391	CHR6:6701391	SSF x LoA	-8,92286725	0,086	0,316
CHR6	6701451	CHR6:6701451	SSF x LoA	-7,22794217	0,079	0,316
CHR6	6701453	CHR6:6701453	SSF x LoA	-10,4860498	-0,050	0,303
CHR6	6704590	CHR6:6704590	SSF x LoA	-10,2880446	-0,113	0,308
CHR6	6704675	CHR6:6704675	SSF x LoA	-9,02015785	-0,032	0,318
CHR6	6704685	CHR6:6704685	SSF x LoA	-9,33058863	0,034	0,308
CHR6	6704720	CHR6:6704720	SSF x LoA	-7,18254992	-0,151	0,308
CHR6	6704746	CHR6:6704746	SSF x LoA	-8,84836221	0,086	0,297
CHR6	6704779	CHR6:6704779	SSF x LoA	-9,56229259	-0,087	0,304
CHR6	6704785	CHR6:6704785	SSF x LoA	-10,2992344	-0,003	0,307
CHR6	6715499	CHR6:6715499	SSF x LoA	-9,43271511	0,035	0,299
CHR6	6715507	CHR6:6715507	SSF x LoA	-5,98800679	0,084	0,299
CHR6	6715575	CHR6:6715575	SSF x LoA	-8,97613142	0,049	0,311
CHR6	6715610	CHR6:6715610	SSF x LoA	-7,9545764	0,091	0,301
CHR6	6716381	CHR6:6716381	SSF x LoA	-8,6516896	0,111	0,306
CHR6	6716399	CHR6:6716399	SSF x LoA	-9,38039549	0,079	0,297
CHR6	6723676	CHR6:6723676	SSF x LoA	-8,86090775	0,100	0,310
CHR6	6723679	CHR6:6723679	SSF x LoA	-7,88609216	-0,003	0,313
CHR6	6723714	CHR6:6723714	SSF x LoA	-10,5859629	0,088	0,303
CHR6	6723719	CHR6:6723719	SSF x LoA	-11,5606483	-0,046	0,284
CHR6	6731909	CHR6:6731909	SSF x LoA	-10,3951376	-0,051	0,313
CHR6	6731949	CHR6:6731949	SSF x LoA	-9,79188224	-0,014	0,303
CHR6	6731956	CHR6:6731956	SSF x LoA	-9,9816672	-0,003	0,310
CHR6	6731964	CHR6:6731964	SSF x LoA	-10,5772897	-0,076	0,304
CHR6	6732043	CHR6:6732043	SSF x LoA	-9,49604856	0,099	0,286
CHR6	6739262	CHR6:6739262	SSF x LoA	-9,42719304	-0,013	0,303
CHR6	6740939	CHR6:6740939	SSF x LoA	-8,59199416	-0,085	0,306
CHR6	6744668	CHR6:6744668	SSF x LoA	-2,36010237	-0,134	0,298
CHR6	6748817	CHR6:6748817	SSF x LoA	-9,972889	0,013	0,308
CHR6	6748966	CHR6:6748966	SSF x LoA	-9,18953579	0,106	0,299
CHR6	6749036	CHR6:6749036	SSF x LoA	-9,17144466	0,016	0,301
CHR6	676176	CHR6:676176	SSF x LoA	-7,6693729	-0,011	0,311
CHR6	676184	CHR6:676184	SSF x LoA	-8,61499084	-0,067	0,306
CHR6	676221	CHR6:676221	SSF x LoA	-6,22604386	0,089	0,301
CHR6	6765567	CHR6:6765567	SSF x LoA	-8,61812859	0,094	0,295
CHR6	6765694	CHR6:6765694	SSF x LoA	-11,5027331	-0,093	0,305
CHR6	6777613	CHR6:6777613	SSF x LoA	-8,81696777	0,044	0,306
CHR6	6777668	CHR6:6777668	SSF x LoA	-8,14799083	0,121	0,301

CHR6	6777777	CHR6:6777777	SSF x LoA	-9,96745577	0,091	0,302
CHR6	6777821	CHR6:6777821	SSF x LoA	-9,40501497	0,063	0,301
CHR6	677831	CHR6:677831	SSF x LoA	-8,96517997	0,011	0,304
CHR6	677884	CHR6:677884	SSF x LoA	-11,0034633	-0,107	0,298
CHR6	677904	CHR6:677904	SSF x LoA	-8,34150205	0,011	0,322
CHR6	678056	CHR6:678056	SSF x LoA	-10,0904491	-0,023	0,316
CHR6	6783001	CHR6:6783001	SSF x LoA	-2,59232428	-0,018	0,299
CHR6	6783040	CHR6:6783040	SSF x LoA	-7,61307302	0,102	0,305
CHR6	679586	CHR6:679586	SSF x LoA	-10,2151317	0,084	0,315
CHR6	6796536	CHR6:6796536	SSF x LoA	-1,32014329	0,038	0,316
CHR6	6796550	CHR6:6796550	SSF x LoA	-9,69730706	-0,042	0,291
CHR6	6796554	CHR6:6796554	SSF x LoA	-7,12598633	0,031	0,312
CHR6	6796556	CHR6:6796556	SSF x LoA	-9,89215847	0,044	0,308
CHR6	6796642	CHR6:6796642	SSF x LoA	-7,6618353	-0,020	0,311
CHR6	6796659	CHR6:6796659	SSF x LoA	-10,3069962	0,017	0,315
CHR6	6796730	CHR6:6796730	SSF x LoA	-11,6815931	0,014	0,299
CHR6	6796751	CHR6:6796751	SSF x LoA	-10,7566288	0,034	0,297
CHR6	6796754	CHR6:6796754	SSF x LoA	-8,61703565	0,000	0,307
CHR6	679756	CHR6:679756	SSF x LoA	-6,37128499	-0,200	0,299
CHR6	6800595	CHR6:6800595	SSF x LoA	-10,6269101	0,026	0,326
CHR6	6806118	CHR6:6806118	SSF x LoA	-7,54247255	0,004	0,322
CHR6	6806172	CHR6:6806172	SSF x LoA	-8,10910237	0,142	0,294
CHR6	6810360	CHR6:6810360	SSF x LoA	-11,437486	0,016	0,305
CHR6	6815421	CHR6:6815421	SSF x LoA	-9,66651679	0,049	0,296
CHR6	6815443	CHR6:6815443	SSF x LoA	-8,37086954	-0,016	0,303
CHR6	6815542	CHR6:6815542	SSF x LoA	-10,221448	-0,001	0,319
CHR6	6815566	CHR6:6815566	SSF x LoA	-9,68390177	-0,002	0,314
CHR6	6819654	CHR6:6819654	SSF x LoA	-9,17167255	-0,082	0,310
CHR6	6819664	CHR6:6819664	SSF x LoA	-8,67300635	-0,011	0,303
CHR6	6820836	CHR6:6820836	SSF x LoA	-8,65593603	0,122	0,302
CHR6	6820887	CHR6:6820887	SSF x LoA	-7,39572029	-0,129	0,308
CHR6	6821052	CHR6:6821052	SSF x LoA	-7,89443534	0,043	0,324
CHR6	6828356	CHR6:6828356	SSF x LoA	-9,27818888	-0,079	0,307
CHR6	6831893	CHR6:6831893	SSF x LoA	-10,8689409	0,018	0,303
CHR6	6832059	CHR6:6832059	SSF x LoA	-9,38918962	-0,037	0,308
CHR6	6840204	CHR6:6840204	SSF x LoA	-9,7201807	0,025	0,311
CHR6	6845103	CHR6:6845103	SSF x LoA	-4,98268889	-0,042	0,305
CHR6	6845122	CHR6:6845122	SSF x LoA	-8,03208335	-0,106	0,303
CHR6	6845126	CHR6:6845126	SSF x LoA	-8,67224872	-0,052	0,299
CHR6	6845144	CHR6:6845144	SSF x LoA	-9,39647809	0,105	0,307
CHR6	6845217	CHR6:6845217	SSF x LoA	-5,32688649	-0,130	0,303
CHR6	6845221	CHR6:6845221	SSF x LoA	-8,36122675	0,089	0,311
CHR6	6845240	CHR6:6845240	SSF x LoA	-11,2444623	0,001	0,307
CHR6	6845242	CHR6:6845242	SSF x LoA	-10,4930193	-0,009	0,302
CHR6	6845255	CHR6:6845255	SSF x LoA	-10,8357169	-0,046	0,309
CHR6	6845291	CHR6:6845291	SSF x LoA	-9,57548907	-0,020	0,308
CHR6	6845315	CHR6:6845315	SSF x LoA	-7,98761049	0,087	0,320
CHR6	6858427	CHR6:6858427	SSF x LoA	-10,2691353	0,110	0,313
CHR6	6858441	CHR6:6858441	SSF x LoA	-11,3331304	0,052	0,319
CHR6	6858450	CHR6:6858450	SSF x LoA	-11,1343246	-0,033	0,290
CHR6	6858461	CHR6:6858461	SSF x LoA	-6,90512201	0,142	0,306
CHR6	6858481	CHR6:6858481	SSF x LoA	-9,14952379	0,035	0,306
CHR6	6858554	CHR6:6858554	SSF x LoA	-11,0331723	0,000	0,316

CHR6	6865771	CHR6:6865771	SSF x LoA	-9,03230476	-0,119	0,286
CHR6	6865860	CHR6:6865860	SSF x LoA	-7,28966718	-0,151	0,304
CHR6	6865876	CHR6:6865876	SSF x LoA	-9,93005841	-0,015	0,308
CHR6	6867462	CHR6:6867462	SSF x LoA	-10,2726258	0,056	0,305
CHR6	6867552	CHR6:6867552	SSF x LoA	-10,597547	0,045	0,299
CHR6	6867555	CHR6:6867555	SSF x LoA	-10,0695704	0,034	0,317
CHR6	6867638	CHR6:6867638	SSF x LoA	-9,59301572	0,043	0,311
CHR6	6868475	CHR6:6868475	SSF x LoA	-9,14780889	0,039	0,308
CHR6	6868497	CHR6:6868497	SSF x LoA	-10,7836106	0,089	0,305
CHR6	6878698	CHR6:6878698	SSF x LoA	-8,35427094	0,094	0,312
CHR6	6878707	CHR6:6878707	SSF x LoA	-10,1436744	-0,016	0,311
CHR6	6878715	CHR6:6878715	SSF x LoA	-8,26440317	0,009	0,305
CHR6	6878720	CHR6:6878720	SSF x LoA	-9,34924526	0,034	0,302
CHR6	6878721	CHR6:6878721	SSF x LoA	-9,02906084	0,003	0,307
CHR6	6878760	CHR6:6878760	SSF x LoA	-8,06411341	-0,011	0,305
CHR6	6878761	CHR6:6878761	SSF x LoA	-8,98084299	-0,004	0,316
CHR6	6878879	CHR6:6878879	SSF x LoA	-10,8102417	0,041	0,307
CHR6	6878951	CHR6:6878951	SSF x LoA	-8,66648691	0,079	0,317
CHR6	6883366	CHR6:6883366	SSF x LoA	-5,17330719	-0,035	0,316
CHR6	6883408	CHR6:6883408	SSF x LoA	-8,82808817	-0,002	0,313
CHR6	6883419	CHR6:6883419	SSF x LoA	-10,7317441	0,016	0,305
CHR6	6890204	CHR6:6890204	SSF x LoA	-9,27909835	-0,147	0,293
CHR6	6894214	CHR6:6894214	SSF x LoA	-9,976564	-0,071	0,303
CHR6	6894252	CHR6:6894252	SSF x LoA	-9,4725577	-0,065	0,307
CHR6	6894401	CHR6:6894401	SSF x LoA	-10,444988	-0,100	0,311
CHR6	6894453	CHR6:6894453	SSF x LoA	-9,69870534	-0,019	0,319
CHR6	6907271	CHR6:6907271	SSF x LoA	-8,58455426	-0,052	0,307
CHR6	6925197	CHR6:6925197	SSF x LoA	-9,74649268	0,067	0,318
CHR6	6925220	CHR6:6925220	SSF x LoA	-11,0731831	0,041	0,310
CHR6	6925420	CHR6:6925420	SSF x LoA	-0,13853685	-0,131	0,302
CHR6	692979	CHR6:692979	SSF x LoA	-10,7354099	-0,050	0,295
CHR6	693041	CHR6:693041	SSF x LoA	-8,68376786	-0,071	0,311
CHR6	693276	CHR6:693276	SSF x LoA	-7,82272463	0,045	0,299
CHR6	6938231	CHR6:6938231	SSF x LoA	-9,35640794	0,033	0,315
CHR6	6938239	CHR6:6938239	SSF x LoA	-5,79661987	0,170	0,284
CHR6	6938250	CHR6:6938250	SSF x LoA	-10,0353859	0,031	0,307
CHR6	6940204	CHR6:6940204	SSF x LoA	-7,34225887	0,010	0,312
CHR6	6941385	CHR6:6941385	SSF x LoA	-9,88916555	-0,018	0,327
CHR6	6944011	CHR6:6944011	SSF x LoA	-8,99069835	-0,050	0,308
CHR6	6944038	CHR6:6944038	SSF x LoA	-8,40481536	0,026	0,313
CHR6	6944043	CHR6:6944043	SSF x LoA	-9,05178902	-0,088	0,309
CHR6	6966945	CHR6:6966945	SSF x LoA	-9,15581105	0,078	0,305
CHR6	6967035	CHR6:6967035	SSF x LoA	-8,651459	-0,015	0,308
CHR6	6967038	CHR6:6967038	SSF x LoA	-8,8331193	-0,050	0,307
CHR6	6967039	CHR6:6967039	SSF x LoA	-8,69025111	-0,021	0,307
CHR6	6994839	CHR6:6994839	SSF x LoA	-10,2051449	-0,007	0,302
CHR6	6994977	CHR6:6994977	SSF x LoA	-7,79118164	-0,101	0,311
CHR6	6995068	CHR6:6995068	SSF x LoA	-11,037351	-0,082	0,304
CHR6	7013221	CHR6:7013221	SSF x LoA	-10,5300808	0,032	0,303
CHR6	7013225	CHR6:7013225	SSF x LoA	-10,1902966	0,044	0,301
CHR6	7013242	CHR6:7013242	SSF x LoA	-8,46208067	0,065	0,307
CHR6	7013306	CHR6:7013306	SSF x LoA	-5,57587088	0,125	0,309
CHR6	7013347	CHR6:7013347	SSF x LoA	-9,87600787	-0,109	0,302

CHR6	7024595	CHR6:7024595	SSF x LoA	-7,5962083	-0,054	0,314
CHR6	7024616	CHR6:7024616	SSF x LoA	-8,56583097	-0,012	0,314
CHR6	7031158	CHR6:7031158	SSF x LoA	-7,43701249	-0,080	0,310
CHR6	7031179	CHR6:7031179	SSF x LoA	-8,77840282	0,129	0,308
CHR6	7031228	CHR6:7031228	SSF x LoA	-10,0331888	-0,024	0,311
CHR6	7031317	CHR6:7031317	SSF x LoA	-9,55967033	0,074	0,300
CHR6	7033508	CHR6:7033508	SSF x LoA	-11,0618277	-0,052	0,300
CHR6	7037799	CHR6:7037799	SSF x LoA	-11,2442484	-0,008	0,295
CHR6	7037813	CHR6:7037813	SSF x LoA	-9,44782743	-0,106	0,312
CHR6	7037826	CHR6:7037826	SSF x LoA	-9,21998585	-0,047	0,310
CHR6	7037847	CHR6:7037847	SSF x LoA	-9,26579143	-0,054	0,315
CHR6	7037887	CHR6:7037887	SSF x LoA	-11,5309522	-0,070	0,303
CHR6	7037968	CHR6:7037968	SSF x LoA	-10,9038475	0,014	0,320
CHR6	7038035	CHR6:7038035	SSF x LoA	-8,88152142	-0,052	0,324
CHR6	7038042	CHR6:7038042	SSF x LoA	-6,86010456	-0,090	0,302
CHR6	7038043	CHR6:7038043	SSF x LoA	-8,72951331	-0,084	0,306
CHR6	7044397	CHR6:7044397	SSF x LoA	-10,399939	-0,120	0,297
CHR6	7044505	CHR6:7044505	SSF x LoA	-6,68950892	-0,112	0,318
CHR6	7044632	CHR6:7044632	SSF x LoA	-10,1849142	0,053	0,308
CHR6	704786	CHR6:704786	SSF x LoA	-10,8333223	-0,074	0,304
CHR6	704804	CHR6:704804	SSF x LoA	-9,3029551	-0,143	0,302
CHR6	7054137	CHR6:7054137	SSF x LoA	-9,20807731	-0,058	0,310
CHR6	7054231	CHR6:7054231	SSF x LoA	-8,15726138	0,006	0,320
CHR6	7054256	CHR6:7054256	SSF x LoA	-7,57941309	0,129	0,308
CHR6	7059336	CHR6:7059336	SSF x LoA	-10,5416304	0,081	0,308
CHR6	7059458	CHR6:7059458	SSF x LoA	-8,04591086	-0,063	0,310
CHR6	7069849	CHR6:7069849	SSF x LoA	-10,3611574	-0,056	0,310
CHR6	7081765	CHR6:7081765	SSF x LoA	-11,0268332	0,064	0,315
CHR6	7084476	CHR6:7084476	SSF x LoA	-9,93678141	0,010	0,318
CHR6	7084507	CHR6:7084507	SSF x LoA	-8,03756033	-0,130	0,294
CHR6	7085111	CHR6:7085111	SSF x LoA	-9,23097677	0,019	0,302
CHR6	7085977	CHR6:7085977	SSF x LoA	-7,46362707	-0,117	0,310
CHR6	7086120	CHR6:7086120	SSF x LoA	-8,4487838	-0,022	0,285
CHR6	7086215	CHR6:7086215	SSF x LoA	-9,14711396	-0,067	0,276
CHR6	7087557	CHR6:7087557	SSF x LoA	-12,0298561	0,060	0,304
CHR6	7087559	CHR6:7087559	SSF x LoA	-10,4748674	-0,021	0,300
CHR6	7091603	CHR6:7091603	SSF x LoA	-9,81878228	0,109	0,303
CHR6	7091621	CHR6:7091621	SSF x LoA	-11,1275209	0,053	0,308
CHR6	7091846	CHR6:7091846	SSF x LoA	-7,81844263	-0,095	0,309
CHR6	7097464	CHR6:7097464	SSF x LoA	-7,76349601	0,026	0,306
CHR6	7102748	CHR6:7102748	SSF x LoA	-10,6325824	0,008	0,307
CHR6	7102752	CHR6:7102752	SSF x LoA	-6,95592058	0,126	0,301
CHR6	7102755	CHR6:7102755	SSF x LoA	-6,82877472	0,107	0,306
CHR6	7102778	CHR6:7102778	SSF x LoA	-8,67539964	0,158	0,317
CHR6	7102800	CHR6:7102800	SSF x LoA	-10,0241484	0,026	0,295
CHR6	7102834	CHR6:7102834	SSF x LoA	-11,0544309	-0,036	0,304
CHR6	7102837	CHR6:7102837	SSF x LoA	-9,7157265	-0,029	0,315
CHR6	7102839	CHR6:7102839	SSF x LoA	-10,1272926	-0,017	0,299
CHR6	7102864	CHR6:7102864	SSF x LoA	-10,3745182	-0,063	0,301
CHR6	7102965	CHR6:7102965	SSF x LoA	-8,28270417	-0,067	0,307
CHR6	7122197	CHR6:7122197	SSF x LoA	-8,50552938	-0,147	0,288
CHR6	713248	CHR6:713248	SSF x LoA	-7,69323743	-0,097	0,303
CHR6	713262	CHR6:713262	SSF x LoA	-8,83295009	-0,063	0,322

CHR6	713311	CHR6:713311	SSF x LoA	-7,84844128	-0,070	0,295
CHR6	713315	CHR6:713315	SSF x LoA	-10,2476675	-0,060	0,296
CHR6	7138404	CHR6:7138404	SSF x LoA	-11,7733829	-0,027	0,301
CHR6	7150597	CHR6:7150597	SSF x LoA	-9,07049799	0,049	0,317
CHR6	7152870	CHR6:7152870	SSF x LoA	-9,95501033	0,103	0,294
CHR6	7152953	CHR6:7152953	SSF x LoA	-9,58873477	0,047	0,317
CHR6	7161590	CHR6:7161590	SSF x LoA	-9,10614093	-0,081	0,306
CHR6	7161597	CHR6:7161597	SSF x LoA	-10,7507391	0,043	0,309
CHR6	7172739	CHR6:7172739	SSF x LoA	-10,5770544	0,120	0,291
CHR6	7172779	CHR6:7172779	SSF x LoA	-8,23593562	-0,098	0,307
CHR6	7176605	CHR6:7176605	SSF x LoA	-7,29658213	-0,010	0,312
CHR6	7177868	CHR6:7177868	SSF x LoA	-10,8383436	-0,034	0,308
CHR6	7181033	CHR6:7181033	SSF x LoA	-8,36081291	-0,055	0,306
CHR6	7194495	CHR6:7194495	SSF x LoA	-4,28238603	0,175	0,293
CHR6	7194755	CHR6:7194755	SSF x LoA	-9,99376892	0,017	0,314
CHR6	7194800	CHR6:7194800	SSF x LoA	-10,6324512	0,010	0,296
CHR6	7194804	CHR6:7194804	SSF x LoA	-10,0824238	0,007	0,289
CHR6	7198064	CHR6:7198064	SSF x LoA	-10,7875958	0,016	0,303
CHR6	7198137	CHR6:7198137	SSF x LoA	-5,63526399	0,068	0,310
CHR6	7198153	CHR6:7198153	SSF x LoA	-9,45640333	-0,028	0,301
CHR6	7198236	CHR6:7198236	SSF x LoA	-8,91247239	-0,007	0,309
CHR6	7198241	CHR6:7198241	SSF x LoA	-11,2125703	0,042	0,291
CHR6	7198270	CHR6:7198270	SSF x LoA	-7,92430064	0,025	0,317
CHR6	7198276	CHR6:7198276	SSF x LoA	-9,38068931	0,096	0,314
CHR6	7198301	CHR6:7198301	SSF x LoA	-10,5114445	-0,008	0,319
CHR6	7198311	CHR6:7198311	SSF x LoA	-7,87973801	0,015	0,318
CHR6	7201153	CHR6:7201153	SSF x LoA	-10,4698456	0,021	0,306
CHR6	7201155	CHR6:7201155	SSF x LoA	-9,38219803	0,017	0,320
CHR6	7201220	CHR6:7201220	SSF x LoA	-1,64791364	0,143	0,301
CHR6	7201261	CHR6:7201261	SSF x LoA	-7,65562493	-0,173	0,291
CHR6	7201297	CHR6:7201297	SSF x LoA	-8,09180066	-0,128	0,307
CHR6	7201347	CHR6:7201347	SSF x LoA	-7,48010149	0,035	0,298
CHR6	7201371	CHR6:7201371	SSF x LoA	-11,2926067	0,047	0,308
CHR6	7201374	CHR6:7201374	SSF x LoA	-4,67079746	0,214	0,289
CHR6	720904	CHR6:720904	SSF x LoA	-11,416075	0,015	0,301
CHR6	7212749	CHR6:7212749	SSF x LoA	-10,4710126	-0,031	0,304
CHR6	7213340	CHR6:7213340	SSF x LoA	-11,6458178	-0,003	0,306
CHR6	7213356	CHR6:7213356	SSF x LoA	-9,2629747	-0,039	0,321
CHR6	7213372	CHR6:7213372	SSF x LoA	-9,53801331	0,037	0,290
CHR6	7218760	CHR6:7218760	SSF x LoA	-11,8426585	0,038	0,306
CHR6	7218788	CHR6:7218788	SSF x LoA	-9,77353492	0,005	0,303
CHR6	7218830	CHR6:7218830	SSF x LoA	-9,72515666	0,050	0,302
CHR6	7227917	CHR6:7227917	SSF x LoA	-7,05077411	0,052	0,308
CHR6	7240347	CHR6:7240347	SSF x LoA	-1,99461173	-0,095	0,309
CHR6	7240348	CHR6:7240348	SSF x LoA	-8,95557091	-0,083	0,306
CHR6	7240357	CHR6:7240357	SSF x LoA	-1,78124574	0,250	0,267
CHR6	7262	CHR6:7262	SSF x LoA	-6,81809773	-0,113	0,305
CHR6	7268057	CHR6:7268057	SSF x LoA	-9,50254604	-0,131	0,311
CHR6	7275764	CHR6:7275764	SSF x LoA	-8,65415142	0,096	0,301
CHR6	7275833	CHR6:7275833	SSF x LoA	-7,47222204	-0,077	0,311
CHR6	7284422	CHR6:7284422	SSF x LoA	-7,87333598	0,038	0,311
CHR6	7284437	CHR6:7284437	SSF x LoA	-8,96148351	-0,019	0,298
CHR6	7284490	CHR6:7284490	SSF x LoA	-10,1218201	-0,066	0,305

CHR6	7284620	CHR6:7284620	SSF x LoA	-1,67312305	0,017	0,303
CHR6	7284646	CHR6:7284646	SSF x LoA	1,9736934	0,051	0,309
CHR6	7287512	CHR6:7287512	SSF x LoA	-6,68247453	-0,024	0,326
CHR6	7287551	CHR6:7287551	SSF x LoA	-9,82098676	-0,016	0,310
CHR6	7287725	CHR6:7287725	SSF x LoA	-11,6366725	-0,021	0,317
CHR6	7302101	CHR6:7302101	SSF x LoA	-11,3847575	0,019	0,305
CHR6	7316424	CHR6:7316424	SSF x LoA	-8,08570749	-0,071	0,308
CHR6	7316433	CHR6:7316433	SSF x LoA	-7,13502508	0,134	0,305
CHR6	7316459	CHR6:7316459	SSF x LoA	-6,66618043	-0,119	0,297
CHR6	7316463	CHR6:7316463	SSF x LoA	-8,67874969	-0,135	0,287
CHR6	7316472	CHR6:7316472	SSF x LoA	-6,01503413	-0,128	0,280
CHR6	7316483	CHR6:7316483	SSF x LoA	-8,06219734	-0,129	0,292
CHR6	7316536	CHR6:7316536	SSF x LoA	-10,1931899	-0,070	0,298
CHR6	7333602	CHR6:7333602	SSF x LoA	-9,43734404	-0,095	0,294
CHR6	7333603	CHR6:7333603	SSF x LoA	-8,48336995	-0,111	0,301
CHR6	7333642	CHR6:7333642	SSF x LoA	-8,79874859	-0,020	0,298
CHR6	7335381	CHR6:7335381	SSF x LoA	-9,71126729	0,026	0,298
CHR6	7335515	CHR6:7335515	SSF x LoA	1,79015326	0,143	0,308
CHR6	7340724	CHR6:7340724	SSF x LoA	-10,5047499	0,035	0,303
CHR6	7344144	CHR6:7344144	SSF x LoA	-11,6003036	0,085	0,305
CHR6	7344214	CHR6:7344214	SSF x LoA	-10,9802923	0,029	0,307
CHR6	7350594	CHR6:7350594	SSF x LoA	-10,1113138	0,047	0,318
CHR6	7353374	CHR6:7353374	SSF x LoA	-8,76011675	-0,043	0,315
CHR6	7359637	CHR6:7359637	SSF x LoA	-10,3092949	-0,102	0,307
CHR6	7359822	CHR6:7359822	SSF x LoA	-10,585515	0,066	0,316
CHR6	7359875	CHR6:7359875	SSF x LoA	-8,98859795	-0,066	0,292
CHR6	7359883	CHR6:7359883	SSF x LoA	-9,48602222	-0,092	0,309
CHR6	7362328	CHR6:7362328	SSF x LoA	-8,67243568	0,010	0,306
CHR6	7362330	CHR6:7362330	SSF x LoA	-8,7382587	0,017	0,315
CHR6	7362341	CHR6:7362341	SSF x LoA	-7,56451975	-0,042	0,310
CHR6	7362377	CHR6:7362377	SSF x LoA	-8,76665355	-0,021	0,318
CHR6	7362445	CHR6:7362445	SSF x LoA	-8,39152223	-0,007	0,314
CHR6	7362473	CHR6:7362473	SSF x LoA	-10,3133485	0,083	0,298
CHR6	7367336	CHR6:7367336	SSF x LoA	-10,4865379	-0,057	0,305
CHR6	7367422	CHR6:7367422	SSF x LoA	-0,12793209	0,174	0,285
CHR6	737845	CHR6:737845	SSF x LoA	-8,49498847	0,013	0,318
CHR6	7387781	CHR6:7387781	SSF x LoA	-10,5626546	0,070	0,304
CHR6	7387830	CHR6:7387830	SSF x LoA	-8,1921587	0,040	0,305
CHR6	7387853	CHR6:7387853	SSF x LoA	-9,78932469	0,049	0,293
CHR6	7387924	CHR6:7387924	SSF x LoA	-8,36770368	-0,184	0,312
CHR6	7388033	CHR6:7388033	SSF x LoA	-7,98510564	-0,160	0,309
CHR6	7390215	CHR6:7390215	SSF x LoA	-9,31641299	0,062	0,297
CHR6	7390312	CHR6:7390312	SSF x LoA	-8,77906541	-0,036	0,290
CHR6	7390332	CHR6:7390332	SSF x LoA	-9,42519581	0,021	0,284
CHR6	7404569	CHR6:7404569	SSF x LoA	-7,24174775	0,185	0,310
CHR6	7404621	CHR6:7404621	SSF x LoA	-0,20204675	-0,264	0,292
CHR6	7434308	CHR6:7434308	SSF x LoA	-10,3078435	-0,117	0,306
CHR6	7434342	CHR6:7434342	SSF x LoA	-10,163451	0,027	0,303
CHR6	7434433	CHR6:7434433	SSF x LoA	-8,5967691	0,119	0,310
CHR6	7434493	CHR6:7434493	SSF x LoA	-10,8795164	0,056	0,310
CHR6	7434583	CHR6:7434583	SSF x LoA	-3,71804299	-0,181	0,294
CHR6	7446440	CHR6:7446440	SSF x LoA	-10,7059725	-0,034	0,307
CHR6	7446931	CHR6:7446931	SSF x LoA	-5,64717934	-0,082	0,324

CHR6	7456142	CHR6:7456142	SSF x LoA	-9,12030727	0,015	0,305
CHR6	7456183	CHR6:7456183	SSF x LoA	-11,3190499	0,062	0,304
CHR6	7456187	CHR6:7456187	SSF x LoA	-9,95977026	0,035	0,317
CHR6	7456216	CHR6:7456216	SSF x LoA	-10,4197505	0,054	0,319
CHR6	7460744	CHR6:7460744	SSF x LoA	-8,77365535	0,071	0,290
CHR6	7460745	CHR6:7460745	SSF x LoA	-8,36939844	0,043	0,316
CHR6	7460792	CHR6:7460792	SSF x LoA	-8,32553053	0,068	0,307
CHR6	7460831	CHR6:7460831	SSF x LoA	-8,7462509	0,079	0,303
CHR6	7460839	CHR6:7460839	SSF x LoA	-7,69085957	0,005	0,316
CHR6	7469550	CHR6:7469550	SSF x LoA	-7,60358333	0,099	0,312
CHR6	7469580	CHR6:7469580	SSF x LoA	-9,90417654	-0,031	0,317
CHR6	7469605	CHR6:7469605	SSF x LoA	-9,59751631	0,004	0,321
CHR6	7469614	CHR6:7469614	SSF x LoA	-6,74552579	0,137	0,299
CHR6	7469656	CHR6:7469656	SSF x LoA	-10,4142146	0,037	0,312
CHR6	7469718	CHR6:7469718	SSF x LoA	-10,8102015	-0,021	0,301
CHR6	7484303	CHR6:7484303	SSF x LoA	-8,54008369	-0,049	0,313
CHR6	7484870	CHR6:7484870	SSF x LoA	-7,82316852	-0,021	0,315
CHR6	7499283	CHR6:7499283	SSF x LoA	-9,78335052	-0,032	0,308
CHR6	7499346	CHR6:7499346	SSF x LoA	-7,82359063	-0,102	0,320
CHR6	7499347	CHR6:7499347	SSF x LoA	-9,30709659	-0,113	0,311
CHR6	7499438	CHR6:7499438	SSF x LoA	-7,44884305	0,114	0,309
CHR6	7501693	CHR6:7501693	SSF x LoA	-12,1332058	0,003	0,298
CHR6	7504000	CHR6:7504000	SSF x LoA	-7,38964577	0,113	0,309
CHR6	7510315	CHR6:7510315	SSF x LoA	-6,27892822	-0,139	0,295
CHR6	7510350	CHR6:7510350	SSF x LoA	-9,10405139	0,112	0,299
CHR6	7510384	CHR6:7510384	SSF x LoA	-8,19411358	-0,054	0,313
CHR6	751536	CHR6:751536	SSF x LoA	-11,4209583	-0,030	0,309
CHR6	751546	CHR6:751546	SSF x LoA	-8,44104553	-0,073	0,315
CHR6	7520036	CHR6:7520036	SSF x LoA	-11,0140802	-0,119	0,290
CHR6	7520101	CHR6:7520101	SSF x LoA	-7,98265951	-0,064	0,296
CHR6	7520162	CHR6:7520162	SSF x LoA	-11,0901513	0,021	0,310
CHR6	7523467	CHR6:7523467	SSF x LoA	-6,9035652	-0,005	0,308
CHR6	7523554	CHR6:7523554	SSF x LoA	2,63406768	-0,027	0,317
CHR6	7523623	CHR6:7523623	SSF x LoA	-9,30002492	-0,105	0,305
CHR6	7535536	CHR6:7535536	SSF x LoA	-7,44349695	0,084	0,315
CHR6	7544709	CHR6:7544709	SSF x LoA	-9,97984104	0,119	0,305
CHR6	7544734	CHR6:7544734	SSF x LoA	-9,2051274	-0,039	0,307
CHR6	7544764	CHR6:7544764	SSF x LoA	-10,2395498	0,067	0,309
CHR6	7544785	CHR6:7544785	SSF x LoA	-4,16862331	0,095	0,310
CHR6	7558549	CHR6:7558549	SSF x LoA	-11,3708825	-0,001	0,320
CHR6	756201	CHR6:756201	SSF x LoA	-10,1133434	-0,076	0,306
CHR6	756317	CHR6:756317	SSF x LoA	-8,38518747	0,141	0,301
CHR6	7563841	CHR6:7563841	SSF x LoA	-12,0513236	-0,054	0,305
CHR6	7563843	CHR6:7563843	SSF x LoA	-12,1179294	-0,039	0,296
CHR6	7563907	CHR6:7563907	SSF x LoA	-8,36840302	-0,053	0,318
CHR6	7571124	CHR6:7571124	SSF x LoA	-2,2269577	-0,130	0,314
CHR6	7573156	CHR6:7573156	SSF x LoA	-3,45205899	0,132	0,305
CHR6	7573193	CHR6:7573193	SSF x LoA	-8,47305083	-0,094	0,317
CHR6	7575019	CHR6:7575019	SSF x LoA	-10,7143605	0,057	0,307
CHR6	7575111	CHR6:7575111	SSF x LoA	-9,12821287	-0,112	0,305
CHR6	7575112	CHR6:7575112	SSF x LoA	-11,1749502	-0,014	0,303
CHR6	7576405	CHR6:7576405	SSF x LoA	-9,48787503	-0,110	0,311
CHR6	7576407	CHR6:7576407	SSF x LoA	-8,34993107	0,035	0,297

CHR6	7580230	CHR6:7580230	SSF x LoA	-10,3304509	0,087	0,306
CHR6	7580338	CHR6:7580338	SSF x LoA	-8,91976667	0,015	0,309
CHR6	7606782	CHR6:7606782	SSF x LoA	-11,4681363	-0,023	0,301
CHR6	7606799	CHR6:7606799	SSF x LoA	-8,8879546	0,006	0,311
CHR6	7606802	CHR6:7606802	SSF x LoA	-9,03698562	0,004	0,313
CHR6	7606821	CHR6:7606821	SSF x LoA	-9,99368095	0,103	0,307
CHR6	7606853	CHR6:7606853	SSF x LoA	-7,74602696	0,170	0,291
CHR6	7606934	CHR6:7606934	SSF x LoA	-9,08356298	0,117	0,319
CHR6	7606983	CHR6:7606983	SSF x LoA	-9,58767505	-0,003	0,307
CHR6	7607008	CHR6:7607008	SSF x LoA	-9,60190086	0,037	0,311
CHR6	7620493	CHR6:7620493	SSF x LoA	-8,09425395	-0,009	0,310
CHR6	7620525	CHR6:7620525	SSF x LoA	-8,4871602	0,094	0,306
CHR6	7620592	CHR6:7620592	SSF x LoA	-8,61506899	-0,037	0,297
CHR6	7628140	CHR6:7628140	SSF x LoA	-8,97818527	0,068	0,307
CHR6	7628862	CHR6:7628862	SSF x LoA	-9,21048054	-0,071	0,299
CHR6	765082	CHR6:765082	SSF x LoA	-6,82442067	-0,043	0,302
CHR6	765084	CHR6:765084	SSF x LoA	-10,2606746	0,027	0,298
CHR6	765194	CHR6:765194	SSF x LoA	-6,60009849	-0,078	0,281
CHR6	765222	CHR6:765222	SSF x LoA	-8,71471485	-0,114	0,290
CHR6	765238	CHR6:765238	SSF x LoA	-8,8655396	-0,040	0,309
CHR6	7652824	CHR6:7652824	SSF x LoA	-9,19603363	-0,031	0,308
CHR6	7669804	CHR6:7669804	SSF x LoA	-10,3988364	-0,027	0,296
CHR6	7669895	CHR6:7669895	SSF x LoA	-8,89021311	0,003	0,312
CHR6	7669909	CHR6:7669909	SSF x LoA	-7,1161748	-0,135	0,305
CHR6	7683812	CHR6:7683812	SSF x LoA	-7,14195438	0,006	0,318
CHR6	768897	CHR6:768897	SSF x LoA	-11,4883546	-0,062	0,313
CHR6	768969	CHR6:768969	SSF x LoA	-10,3628632	-0,022	0,309
CHR6	7697852	CHR6:7697852	SSF x LoA	-10,9589584	-0,071	0,306
CHR6	7698017	CHR6:7698017	SSF x LoA	-9,62586838	-0,065	0,315
CHR6	7698029	CHR6:7698029	SSF x LoA	-10,8544492	0,017	0,295
CHR6	7698063	CHR6:7698063	SSF x LoA	-7,29176197	0,139	0,304
CHR6	7701364	CHR6:7701364	SSF x LoA	-8,61890832	0,130	0,307
CHR6	7723674	CHR6:7723674	SSF x LoA	-9,8154087	-0,065	0,308
CHR6	7723711	CHR6:7723711	SSF x LoA	-9,01390835	0,072	0,314
CHR6	7723739	CHR6:7723739	SSF x LoA	-9,33992585	0,087	0,308
CHR6	7723773	CHR6:7723773	SSF x LoA	-7,96031156	0,052	0,318
CHR6	7733712	CHR6:7733712	SSF x LoA	-8,08725169	0,118	0,298
CHR6	7733713	CHR6:7733713	SSF x LoA	-8,62936829	0,083	0,296
CHR6	7733786	CHR6:7733786	SSF x LoA	-8,19846677	0,117	0,299
CHR6	7743038	CHR6:7743038	SSF x LoA	-7,87804902	-0,137	0,306
CHR6	7743039	CHR6:7743039	SSF x LoA	-7,56655679	-0,170	0,297
CHR6	7743125	CHR6:7743125	SSF x LoA	-6,92603902	0,170	0,311
CHR6	7743131	CHR6:7743131	SSF x LoA	-8,39020811	0,136	0,303
CHR6	7745464	CHR6:7745464	SSF x LoA	-8,56170433	-0,035	0,309
CHR6	7745607	CHR6:7745607	SSF x LoA	-10,8402722	-0,030	0,306
CHR6	7751233	CHR6:7751233	SSF x LoA	-10,5526008	0,025	0,318
CHR6	7759050	CHR6:7759050	SSF x LoA	-9,30240825	-0,027	0,304
CHR6	776937	CHR6:776937	SSF x LoA	-8,23722953	0,040	0,322
CHR6	776938	CHR6:776938	SSF x LoA	-7,97165113	0,015	0,308
CHR6	777013	CHR6:777013	SSF x LoA	-10,579227	0,130	0,300
CHR6	7774664	CHR6:7774664	SSF x LoA	-8,76347667	0,080	0,294
CHR6	7775449	CHR6:7775449	SSF x LoA	-8,75623048	0,007	0,318
CHR6	7779956	CHR6:7779956	SSF x LoA	-6,78838913	0,074	0,327

CHR6	7779957	CHR6:7779957	SSF x LoA	-8,48449657	0,087	0,303
CHR6	7792760	CHR6:7792760	SSF x LoA	-7,19459486	0,082	0,303
CHR6	7792779	CHR6:7792779	SSF x LoA	-11,344581	0,053	0,314
CHR6	7792826	CHR6:7792826	SSF x LoA	-7,45256945	0,088	0,303
CHR6	7792845	CHR6:7792845	SSF x LoA	-8,88911594	0,064	0,313
CHR6	7792865	CHR6:7792865	SSF x LoA	-0,62369564	0,091	0,299
CHR6	7792885	CHR6:7792885	SSF x LoA	-10,181306	-0,040	0,291
CHR6	7792892	CHR6:7792892	SSF x LoA	-10,6581002	-0,061	0,312
CHR6	7792933	CHR6:7792933	SSF x LoA	-7,14590855	0,052	0,303
CHR6	7792942	CHR6:7792942	SSF x LoA	-11,1545407	-0,026	0,313
CHR6	7797662	CHR6:7797662	SSF x LoA	-11,1503357	0,020	0,307
CHR6	7798318	CHR6:7798318	SSF x LoA	-9,97488809	-0,121	0,291
CHR6	7798357	CHR6:7798357	SSF x LoA	-3,8922381	-0,179	0,303
CHR6	7798368	CHR6:7798368	SSF x LoA	10,5557614	-0,162	0,310
CHR6	7798377	CHR6:7798377	SSF x LoA	-6,85832749	-0,094	0,319
CHR6	7798382	CHR6:7798382	SSF x LoA	-7,89975787	-0,145	0,301
CHR6	7798399	CHR6:7798399	SSF x LoA	-8,50509934	0,102	0,314
CHR6	7809570	CHR6:7809570	SSF x LoA	-9,41426763	0,067	0,316
CHR6	7813329	CHR6:7813329	SSF x LoA	-8,6316675	-0,042	0,302
CHR6	7825397	CHR6:7825397	SSF x LoA	-8,8365305	0,026	0,313
CHR6	7829616	CHR6:7829616	SSF x LoA	-9,31423952	-0,045	0,299
CHR6	7829626	CHR6:7829626	SSF x LoA	-11,0097711	-0,009	0,311
CHR6	7835790	CHR6:7835790	SSF x LoA	-7,10401106	0,081	0,303
CHR6	7864872	CHR6:7864872	SSF x LoA	-9,99508068	0,019	0,313
CHR6	7864925	CHR6:7864925	SSF x LoA	-10,0368088	0,041	0,306
CHR6	7864937	CHR6:7864937	SSF x LoA	-8,79135114	-0,035	0,302
CHR6	7864957	CHR6:7864957	SSF x LoA	-9,10814847	-0,022	0,309
CHR6	7875242	CHR6:7875242	SSF x LoA	-3,7442864	-0,157	0,307
CHR6	7881375	CHR6:7881375	SSF x LoA	-10,985482	0,076	0,312
CHR6	7881390	CHR6:7881390	SSF x LoA	-10,3571373	0,077	0,308
CHR6	7881522	CHR6:7881522	SSF x LoA	-5,82058606	-0,061	0,314
CHR6	7881527	CHR6:7881527	SSF x LoA	-9,48033618	-0,040	0,298
CHR6	7881565	CHR6:7881565	SSF x LoA	2,01918445	-0,018	0,302
CHR6	7881566	CHR6:7881566	SSF x LoA	-9,56658768	0,002	0,292
CHR6	7881567	CHR6:7881567	SSF x LoA	-7,71481283	0,006	0,312
CHR6	7881568	CHR6:7881568	SSF x LoA	-9,4118737	-0,006	0,303
CHR6	7886239	CHR6:7886239	SSF x LoA	-3,52487409	0,059	0,303
CHR6	7886328	CHR6:7886328	SSF x LoA	-8,96246818	0,142	0,306
CHR6	7886347	CHR6:7886347	SSF x LoA	-10,2368801	0,033	0,298
CHR6	7886361	CHR6:7886361	SSF x LoA	-9,06341435	0,071	0,293
CHR6	7886368	CHR6:7886368	SSF x LoA	-10,226066	0,036	0,299
CHR6	7886397	CHR6:7886397	SSF x LoA	-7,03919772	0,087	0,298
CHR6	7886403	CHR6:7886403	SSF x LoA	-9,43385707	0,022	0,301
CHR6	7886410	CHR6:7886410	SSF x LoA	-8,77264084	0,073	0,304
CHR6	7890219	CHR6:7890219	SSF x LoA	-6,80296362	0,110	0,300
CHR6	7890230	CHR6:7890230	SSF x LoA	-7,78570546	0,129	0,304
CHR6	7890331	CHR6:7890331	SSF x LoA	-9,3613033	0,100	0,296
CHR6	7890341	CHR6:7890341	SSF x LoA	-11,972658	0,019	0,305
CHR6	7890385	CHR6:7890385	SSF x LoA	-5,51343172	0,020	0,300
CHR6	7890387	CHR6:7890387	SSF x LoA	-10,7744454	0,018	0,306
CHR6	7890467	CHR6:7890467	SSF x LoA	-9,78886203	-0,077	0,320
CHR6	7893439	CHR6:7893439	SSF x LoA	-11,396063	0,027	0,304
CHR6	7908301	CHR6:7908301	SSF x LoA	-8,5582678	0,039	0,307

CHR6	7908314	CHR6:7908314	SSF x LoA	-9,68708266	0,096	0,303
CHR6	7908315	CHR6:7908315	SSF x LoA	-2,67547195	-0,056	0,307
CHR6	7908345	CHR6:7908345	SSF x LoA	-8,65444499	-0,040	0,303
CHR6	7908346	CHR6:7908346	SSF x LoA	-8,7420105	-0,043	0,314
CHR6	7908347	CHR6:7908347	SSF x LoA	-10,0428927	-0,057	0,322
CHR6	7908363	CHR6:7908363	SSF x LoA	-9,06697063	0,079	0,318
CHR6	7908395	CHR6:7908395	SSF x LoA	-8,9383414	-0,068	0,310
CHR6	7908432	CHR6:7908432	SSF x LoA	-9,80744419	0,022	0,314
CHR6	7908489	CHR6:7908489	SSF x LoA	-11,1933818	0,062	0,295
CHR6	7913335	CHR6:7913335	SSF x LoA	-9,42888417	-0,033	0,308
CHR6	7913383	CHR6:7913383	SSF x LoA	-7,89581919	-0,063	0,318
CHR6	7926029	CHR6:7926029	SSF x LoA	-4,33412317	-0,111	0,310
CHR6	7926067	CHR6:7926067	SSF x LoA	-9,88348204	-0,023	0,311
CHR6	7926077	CHR6:7926077	SSF x LoA	-9,30093806	-0,053	0,313
CHR6	7926102	CHR6:7926102	SSF x LoA	-11,2835224	0,009	0,313
CHR6	7926254	CHR6:7926254	SSF x LoA	-7,76591145	0,129	0,312
CHR6	7926257	CHR6:7926257	SSF x LoA	-8,8417721	0,097	0,300
CHR6	7926261	CHR6:7926261	SSF x LoA	-8,94487339	0,110	0,295
CHR6	7930106	CHR6:7930106	SSF x LoA	-3,43820925	-0,210	0,299
CHR6	7930170	CHR6:7930170	SSF x LoA	-7,34909528	0,153	0,298
CHR6	7930191	CHR6:7930191	SSF x LoA	-9,44536001	-0,163	0,302
CHR6	793187	CHR6:793187	SSF x LoA	-9,51011411	-0,016	0,310
CHR6	7933136	CHR6:7933136	SSF x LoA	-8,92762119	-0,099	0,303
CHR6	7933214	CHR6:7933214	SSF x LoA	-8,3462375	0,142	0,302
CHR6	7933261	CHR6:7933261	SSF x LoA	-11,4333313	0,072	0,286
CHR6	7935152	CHR6:7935152	SSF x LoA	-11,0663243	-0,060	0,314
CHR6	7935179	CHR6:7935179	SSF x LoA	-7,89689535	0,082	0,310
CHR6	7935835	CHR6:7935835	SSF x LoA	-11,0096827	0,003	0,307
CHR6	7935896	CHR6:7935896	SSF x LoA	-11,0662736	0,018	0,300
CHR6	7935917	CHR6:7935917	SSF x LoA	-10,381829	-0,041	0,311
CHR6	7935968	CHR6:7935968	SSF x LoA	-4,9825339	0,030	0,316
CHR6	7947424	CHR6:7947424	SSF x LoA	-9,52070923	-0,047	0,297
CHR6	7950976	CHR6:7950976	SSF x LoA	-8,28234515	-0,134	0,308
CHR6	7953637	CHR6:7953637	SSF x LoA	-7,30650052	-0,005	0,313
CHR6	7953732	CHR6:7953732	SSF x LoA	-10,4395973	0,088	0,315
CHR6	7956921	CHR6:7956921	SSF x LoA	-7,33790446	-0,142	0,306
CHR6	7965714	CHR6:7965714	SSF x LoA	-12,0073808	-0,017	0,318
CHR6	7965806	CHR6:7965806	SSF x LoA	-5,28553279	0,157	0,290
CHR6	7975289	CHR6:7975289	SSF x LoA	-10,1860331	-0,004	0,300
CHR6	7975305	CHR6:7975305	SSF x LoA	-8,52542474	0,018	0,318
CHR6	7980978	CHR6:7980978	SSF x LoA	-12,0478226	0,019	0,309
CHR6	7984324	CHR6:7984324	SSF x LoA	-8,76155952	0,092	0,299
CHR6	7984344	CHR6:7984344	SSF x LoA	-10,8086089	0,080	0,307
CHR6	7984407	CHR6:7984407	SSF x LoA	-10,3247924	-0,050	0,308
CHR6	7984413	CHR6:7984413	SSF x LoA	-9,60163976	-0,039	0,307
CHR6	7984473	CHR6:7984473	SSF x LoA	-11,5946054	-0,010	0,298
CHR6	7984479	CHR6:7984479	SSF x LoA	-10,0515155	-0,012	0,313
CHR6	7990741	CHR6:7990741	SSF x LoA	-11,1383906	-0,039	0,312
CHR6	7990757	CHR6:7990757	SSF x LoA	-11,1312411	-0,016	0,311
CHR6	7990759	CHR6:7990759	SSF x LoA	-1,85712307	0,093	0,307
CHR6	8002336	CHR6:8002336	SSF x LoA	-10,8382751	0,134	0,299
CHR6	8002388	CHR6:8002388	SSF x LoA	-8,01190743	0,127	0,297
CHR6	8003629	CHR6:8003629	SSF x LoA	-11,1320262	0,089	0,299

CHR6	8003778	CHR6:8003778	SSF x LoA	-9,72073271	0,063	0,309
CHR6	8014168	CHR6:8014168	SSF x LoA	-9,71630014	0,037	0,313
CHR6	8014230	CHR6:8014230	SSF x LoA	-10,1723892	0,012	0,313
CHR6	8016094	CHR6:8016094	SSF x LoA	-6,40136818	0,099	0,306
CHR6	8016152	CHR6:8016152	SSF x LoA	-10,1197577	-0,034	0,316
CHR6	8016166	CHR6:8016166	SSF x LoA	-9,68807507	-0,043	0,305
CHR6	8016167	CHR6:8016167	SSF x LoA	-10,9668073	-0,128	0,307
CHR6	8016835	CHR6:8016835	SSF x LoA	-11,6604369	-0,079	0,305
CHR6	8016906	CHR6:8016906	SSF x LoA	-8,34201177	-0,046	0,321
CHR6	8020043	CHR6:8020043	SSF x LoA	-8,63831005	0,124	0,300
CHR6	8020062	CHR6:8020062	SSF x LoA	-9,91424416	0,092	0,305
CHR6	8020082	CHR6:8020082	SSF x LoA	-8,28153666	-0,123	0,298
CHR6	8020095	CHR6:8020095	SSF x LoA	-8,80942828	-0,130	0,294
CHR6	8020108	CHR6:8020108	SSF x LoA	-8,69008397	-0,120	0,298
CHR6	8020111	CHR6:8020111	SSF x LoA	-5,72520689	-0,126	0,303
CHR6	8020113	CHR6:8020113	SSF x LoA	-3,50119523	-0,115	0,306
CHR6	8020119	CHR6:8020119	SSF x LoA	-7,11550786	-0,146	0,297
CHR6	8020140	CHR6:8020140	SSF x LoA	-4,08306571	-0,129	0,291
CHR6	8020145	CHR6:8020145	SSF x LoA	-8,43635519	-0,120	0,306
CHR6	8020146	CHR6:8020146	SSF x LoA	-7,12638045	-0,141	0,300
CHR6	8020193	CHR6:8020193	SSF x LoA	-8,60447666	0,057	0,301
CHR6	8020200	CHR6:8020200	SSF x LoA	-3,78832961	0,063	0,302
CHR6	8020216	CHR6:8020216	SSF x LoA	-10,2883237	0,055	0,308
CHR6	8023664	CHR6:8023664	SSF x LoA	-5,09961791	-0,109	0,305
CHR6	8023692	CHR6:8023692	SSF x LoA	-9,58740661	-0,012	0,327
CHR6	8023758	CHR6:8023758	SSF x LoA	-11,5638515	0,012	0,310
CHR6	8023855	CHR6:8023855	SSF x LoA	-8,59122817	-0,060	0,308
CHR6	8023879	CHR6:8023879	SSF x LoA	-10,2228854	-0,039	0,303
CHR6	8023924	CHR6:8023924	SSF x LoA	-9,93654763	0,017	0,315
CHR6	8028327	CHR6:8028327	SSF x LoA	-9,13800008	-0,024	0,312
CHR6	8034662	CHR6:8034662	SSF x LoA	-6,46700157	0,018	0,310
CHR6	8034707	CHR6:8034707	SSF x LoA	-11,3370247	0,110	0,308
CHR6	8034774	CHR6:8034774	SSF x LoA	-9,83993041	0,041	0,309
CHR6	8035975	CHR6:8035975	SSF x LoA	-9,06192751	-0,033	0,309
CHR6	8037846	CHR6:8037846	SSF x LoA	-8,194008	-0,113	0,308
CHR6	8038168	CHR6:8038168	SSF x LoA	-11,1015396	-0,027	0,305
CHR6	8049521	CHR6:8049521	SSF x LoA	-3,07789212	0,019	0,313
CHR6	8049581	CHR6:8049581	SSF x LoA	-10,2585513	-0,036	0,309
CHR6	8049583	CHR6:8049583	SSF x LoA	-10,4952265	-0,032	0,302
CHR6	8052596	CHR6:8052596	SSF x LoA	-11,7325673	-0,088	0,311
CHR6	8052677	CHR6:8052677	SSF x LoA	-6,55720274	-0,112	0,304
CHR6	8054335	CHR6:8054335	SSF x LoA	-11,0067404	-0,120	0,302
CHR6	8054357	CHR6:8054357	SSF x LoA	-8,37769801	0,137	0,308
CHR6	8054543	CHR6:8054543	SSF x LoA	-11,0186108	0,085	0,297
CHR6	8068264	CHR6:8068264	SSF x LoA	-10,428905	0,089	0,309
CHR6	8068312	CHR6:8068312	SSF x LoA	-10,4424937	0,040	0,299
CHR6	8068314	CHR6:8068314	SSF x LoA	-11,0980863	0,022	0,316
CHR6	8068337	CHR6:8068337	SSF x LoA	-12,0218241	-0,007	0,295
CHR6	8068350	CHR6:8068350	SSF x LoA	-4,17277981	-0,073	0,292
CHR6	8068538	CHR6:8068538	SSF x LoA	-9,07499984	0,044	0,301
CHR6	8069904	CHR6:8069904	SSF x LoA	-8,79327662	-0,004	0,304
CHR6	8069919	CHR6:8069919	SSF x LoA	-8,63024905	-0,022	0,313
CHR6	8069959	CHR6:8069959	SSF x LoA	-9,94921538	0,087	0,304

CHR6	8069978	CHR6:8069978	SSF x LoA	-9,73512779	0,127	0,302
CHR6	8071894	CHR6:8071894	SSF x LoA	-11,2353011	-0,065	0,310
CHR6	8071906	CHR6:8071906	SSF x LoA	-10,731959	-0,052	0,307
CHR6	8071907	CHR6:8071907	SSF x LoA	-12,4725765	-0,045	0,295
CHR6	8071952	CHR6:8071952	SSF x LoA	-11,1249989	-0,088	0,310
CHR6	8071991	CHR6:8071991	SSF x LoA	-9,78443356	0,065	0,302
CHR6	8072044	CHR6:8072044	SSF x LoA	-8,70193653	0,051	0,319
CHR6	8073664	CHR6:8073664	SSF x LoA	-6,23831001	-0,172	0,294
CHR6	8081676	CHR6:8081676	SSF x LoA	-10,9710901	-0,008	0,299
CHR6	8081693	CHR6:8081693	SSF x LoA	-10,7185417	0,032	0,306
CHR6	8081846	CHR6:8081846	SSF x LoA	-9,47502439	0,037	0,302
CHR6	8086632	CHR6:8086632	SSF x LoA	-8,4859393	0,054	0,311
CHR6	8086665	CHR6:8086665	SSF x LoA	-5,58325173	0,132	0,307
CHR6	8091736	CHR6:8091736	SSF x LoA	-10,9534878	0,073	0,300
CHR6	8093413	CHR6:8093413	SSF x LoA	-10,4006043	0,089	0,306
CHR6	8093414	CHR6:8093414	SSF x LoA	-7,57524059	0,144	0,297
CHR6	8093459	CHR6:8093459	SSF x LoA	-8,57365508	0,138	0,301
CHR6	8093501	CHR6:8093501	SSF x LoA	-11,5881585	-0,015	0,301
CHR6	8093508	CHR6:8093508	SSF x LoA	-6,22231888	0,115	0,309
CHR6	8093545	CHR6:8093545	SSF x LoA	-11,7558744	-0,043	0,313
CHR6	8099848	CHR6:8099848	SSF x LoA	-6,74231924	0,141	0,311
CHR6	8099852	CHR6:8099852	SSF x LoA	-8,48362995	0,133	0,301
CHR6	8099862	CHR6:8099862	SSF x LoA	-9,48539214	-0,125	0,303
CHR6	8110004	CHR6:8110004	SSF x LoA	0,73165024	0,215	0,294
CHR6	8110025	CHR6:8110025	SSF x LoA	-9,9542404	0,010	0,306
CHR6	8110056	CHR6:8110056	SSF x LoA	-8,60670989	-0,063	0,299
CHR6	8110118	CHR6:8110118	SSF x LoA	-7,49133954	-0,167	0,289
CHR6	8110147	CHR6:8110147	SSF x LoA	-8,95582529	-0,014	0,300
CHR6	8110165	CHR6:8110165	SSF x LoA	-11,0242132	-0,043	0,309
CHR6	8110174	CHR6:8110174	SSF x LoA	-10,0657656	-0,053	0,323
CHR6	8110183	CHR6:8110183	SSF x LoA	-7,84119007	-0,053	0,316
CHR6	8110219	CHR6:8110219	SSF x LoA	-8,191849	-0,058	0,325
CHR6	8128827	CHR6:8128827	SSF x LoA	-11,1899153	-0,044	0,296
CHR6	8135297	CHR6:8135297	SSF x LoA	-10,2857855	0,107	0,304
CHR6	813562	CHR6:813562	SSF x LoA	-10,0259656	0,026	0,317
CHR6	813594	CHR6:813594	SSF x LoA	-9,75458924	-0,126	0,304
CHR6	8164822	CHR6:8164822	SSF x LoA	-9,13060134	-0,028	0,305
CHR6	8164845	CHR6:8164845	SSF x LoA	-9,48499376	0,031	0,316
CHR6	8164883	CHR6:8164883	SSF x LoA	-7,70752485	-0,096	0,299
CHR6	8165097	CHR6:8165097	SSF x LoA	-7,47564448	0,143	0,292
CHR6	8166227	CHR6:8166227	SSF x LoA	-9,85695489	-0,009	0,314
CHR6	8166232	CHR6:8166232	SSF x LoA	-11,1026532	-0,003	0,311
CHR6	8166927	CHR6:8166927	SSF x LoA	-7,9212102	-0,111	0,286
CHR6	8167039	CHR6:8167039	SSF x LoA	-10,1375288	-0,048	0,295
CHR6	8169620	CHR6:8169620	SSF x LoA	-9,46584946	-0,062	0,319
CHR6	818934	CHR6:818934	SSF x LoA	-11,0630884	-0,061	0,301
CHR6	818984	CHR6:818984	SSF x LoA	-8,86270624	0,028	0,322
CHR6	819020	CHR6:819020	SSF x LoA	-9,17417847	0,058	0,313
CHR6	819051	CHR6:819051	SSF x LoA	-6,38841928	0,074	0,311
CHR6	819110	CHR6:819110	SSF x LoA	-10,3316076	-0,074	0,315
CHR6	8194515	CHR6:8194515	SSF x LoA	-8,05499852	-0,058	0,307
CHR6	8196464	CHR6:8196464	SSF x LoA	-8,58915306	0,080	0,295
CHR6	8201511	CHR6:8201511	SSF x LoA	-8,885059	-0,024	0,307

CHR6	8201516	CHR6:8201516	SSF x LoA	-8,21895331	-0,020	0,315
CHR6	8201529	CHR6:8201529	SSF x LoA	-9,20595422	-0,031	0,304
CHR6	8201566	CHR6:8201566	SSF x LoA	-9,68993195	-0,026	0,291
CHR6	8201596	CHR6:8201596	SSF x LoA	-7,6319535	-0,004	0,314
CHR6	8213719	CHR6:8213719	SSF x LoA	-11,5776874	-0,006	0,305
CHR6	8220113	CHR6:8220113	SSF x LoA	-10,4058512	0,078	0,307
CHR6	8220114	CHR6:8220114	SSF x LoA	-8,90122651	-0,093	0,307
CHR6	8226616	CHR6:8226616	SSF x LoA	-9,95021621	0,054	0,305
CHR6	8244475	CHR6:8244475	SSF x LoA	-10,7312849	-0,024	0,305
CHR6	8256232	CHR6:8256232	SSF x LoA	-9,69887619	-0,062	0,305
CHR6	8256255	CHR6:8256255	SSF x LoA	-7,03202591	0,142	0,308
CHR6	8256276	CHR6:8256276	SSF x LoA	-9,28048291	0,027	0,308
CHR6	8256286	CHR6:8256286	SSF x LoA	-11,492739	0,071	0,293
CHR6	8256337	CHR6:8256337	SSF x LoA	-9,74422636	-0,045	0,296
CHR6	8258611	CHR6:8258611	SSF x LoA	-8,91984704	-0,036	0,324
CHR6	8269254	CHR6:8269254	SSF x LoA	-9,94443027	-0,082	0,301
CHR6	8269258	CHR6:8269258	SSF x LoA	-8,34986495	-0,073	0,305
CHR6	8270979	CHR6:8270979	SSF x LoA	-10,4011018	0,032	0,306
CHR6	8284296	CHR6:8284296	SSF x LoA	-12,1952051	-0,072	0,293
CHR6	8284318	CHR6:8284318	SSF x LoA	-7,06483084	0,037	0,307
CHR6	8284357	CHR6:8284357	SSF x LoA	-9,93435243	0,019	0,303
CHR6	8296827	CHR6:8296827	SSF x LoA	-10,2658714	-0,026	0,299
CHR6	8296860	CHR6:8296860	SSF x LoA	-8,97345766	0,118	0,300
CHR6	8296862	CHR6:8296862	SSF x LoA	-11,57798	0,021	0,306
CHR6	8296907	CHR6:8296907	SSF x LoA	-9,2423185	0,033	0,293
CHR6	8296985	CHR6:8296985	SSF x LoA	-7,8174482	-0,182	0,300
CHR6	8297029	CHR6:8297029	SSF x LoA	-7,72848838	0,027	0,300
CHR6	8297047	CHR6:8297047	SSF x LoA	-11,1968803	-0,024	0,317
CHR6	8298561	CHR6:8298561	SSF x LoA	-8,29258234	-0,046	0,311
CHR6	8302695	CHR6:8302695	SSF x LoA	-6,101001	-0,189	0,290
CHR6	8315208	CHR6:8315208	SSF x LoA	-8,20079056	-0,024	0,315
CHR6	8315219	CHR6:8315219	SSF x LoA	-7,4798715	-0,035	0,302
CHR6	8323809	CHR6:8323809	SSF x LoA	-10,1751807	-0,030	0,305
CHR6	8323909	CHR6:8323909	SSF x LoA	-1,72760331	-0,100	0,315
CHR6	8334779	CHR6:8334779	SSF x LoA	-9,4257351	-0,056	0,312
CHR6	8347876	CHR6:8347876	SSF x LoA	-9,05723705	0,028	0,310
CHR6	8347920	CHR6:8347920	SSF x LoA	-8,77749505	0,071	0,296
CHR6	8353077	CHR6:8353077	SSF x LoA	-9,24382075	0,105	0,313
CHR6	8353079	CHR6:8353079	SSF x LoA	-8,93964096	0,175	0,299
CHR6	8353989	CHR6:8353989	SSF x LoA	-9,76426331	0,040	0,307
CHR6	8359607	CHR6:8359607	SSF x LoA	-9,33180507	0,091	0,315
CHR6	8376755	CHR6:8376755	SSF x LoA	-10,3366386	0,026	0,321
CHR6	8391501	CHR6:8391501	SSF x LoA	-7,88375852	0,076	0,319
CHR6	8391581	CHR6:8391581	SSF x LoA	-8,32924594	0,032	0,308
CHR6	8413317	CHR6:8413317	SSF x LoA	-8,11080668	0,034	0,309
CHR6	8413335	CHR6:8413335	SSF x LoA	-9,17012554	-0,017	0,294
CHR6	8413438	CHR6:8413438	SSF x LoA	-5,62045945	-0,044	0,314
CHR6	8413491	CHR6:8413491	SSF x LoA	-7,94317213	-0,065	0,319
CHR6	8423671	CHR6:8423671	SSF x LoA	-8,83797435	-0,174	0,307
CHR6	8423680	CHR6:8423680	SSF x LoA	-6,10723246	0,077	0,293
CHR6	8423729	CHR6:8423729	SSF x LoA	-4,68959305	0,257	0,279
CHR6	8423749	CHR6:8423749	SSF x LoA	-6,70927032	-0,159	0,288
CHR6	8452704	CHR6:8452704	SSF x LoA	-6,72840816	0,062	0,319

CHR6	8452748	CHR6:8452748	SSF x LoA	-7,36276721	-0,151	0,299
CHR6	8452780	CHR6:8452780	SSF x LoA	-8,95832792	-0,073	0,298
CHR6	8459503	CHR6:8459503	SSF x LoA	1,21156054	-0,030	0,314
CHR6	8459522	CHR6:8459522	SSF x LoA	-8,66221338	-0,002	0,309
CHR6	8459567	CHR6:8459567	SSF x LoA	-10,9967804	-0,039	0,302
CHR6	8464966	CHR6:8464966	SSF x LoA	-9,43882291	0,113	0,288
CHR6	8465618	CHR6:8465618	SSF x LoA	-8,77960645	-0,135	0,300
CHR6	8479970	CHR6:8479970	SSF x LoA	-6,35638909	-0,003	0,317
CHR6	8479972	CHR6:8479972	SSF x LoA	-11,0260453	-0,114	0,306
CHR6	8480000	CHR6:8480000	SSF x LoA	-10,0235604	-0,107	0,296
CHR6	8480018	CHR6:8480018	SSF x LoA	-6,63963838	0,119	0,300
CHR6	8480024	CHR6:8480024	SSF x LoA	-7,75625458	0,027	0,309
CHR6	8480163	CHR6:8480163	SSF x LoA	-9,51032574	-0,112	0,313
CHR6	8483783	CHR6:8483783	SSF x LoA	-10,9959839	-0,097	0,298
CHR6	8483812	CHR6:8483812	SSF x LoA	-9,56857596	0,017	0,296
CHR6	8483824	CHR6:8483824	SSF x LoA	-8,52676839	0,075	0,302
CHR6	8483971	CHR6:8483971	SSF x LoA	-11,0239728	-0,095	0,300
CHR6	849647	CHR6:849647	SSF x LoA	-7,61228643	-0,089	0,311
CHR6	8497278	CHR6:8497278	SSF x LoA	-8,86794676	-0,046	0,299
CHR6	8497324	CHR6:8497324	SSF x LoA	-8,20713687	-0,066	0,314
CHR6	8497371	CHR6:8497371	SSF x LoA	-8,52108885	0,029	0,328
CHR6	8499003	CHR6:8499003	SSF x LoA	-9,58839111	-0,098	0,303
CHR6	8499011	CHR6:8499011	SSF x LoA	-8,34984605	-0,044	0,305
CHR6	8500260	CHR6:8500260	SSF x LoA	-9,79873943	-0,074	0,311
CHR6	8500271	CHR6:8500271	SSF x LoA	-9,05691828	-0,078	0,312
CHR6	850267	CHR6:850267	SSF x LoA	-10,8513314	0,004	0,309
CHR6	8503674	CHR6:8503674	SSF x LoA	-10,4092153	-0,024	0,312
CHR6	8503698	CHR6:8503698	SSF x LoA	-10,5918062	0,035	0,304
CHR6	8508250	CHR6:8508250	SSF x LoA	-8,38797205	-0,034	0,307
CHR6	8508328	CHR6:8508328	SSF x LoA	-9,2517257	0,019	0,308
CHR6	8508337	CHR6:8508337	SSF x LoA	-8,58098479	0,035	0,301
CHR6	8516287	CHR6:8516287	SSF x LoA	-9,71077541	0,115	0,318
CHR6	8516304	CHR6:8516304	SSF x LoA	-8,87449146	0,056	0,294
CHR6	8527062	CHR6:8527062	SSF x LoA	-8,81948611	-0,002	0,314
CHR6	8527149	CHR6:8527149	SSF x LoA	-8,2668353	0,048	0,319
CHR6	8527191	CHR6:8527191	SSF x LoA	-8,25553886	0,033	0,310
CHR6	8528142	CHR6:8528142	SSF x LoA	-7,99438632	0,020	0,309
CHR6	8528224	CHR6:8528224	SSF x LoA	-11,3531812	0,099	0,283
CHR6	8528245	CHR6:8528245	SSF x LoA	0,56091258	-0,235	0,297
CHR6	8528248	CHR6:8528248	SSF x LoA	-7,77078765	0,054	0,317
CHR6	8536453	CHR6:8536453	SSF x LoA	-11,2365094	-0,044	0,303
CHR6	8554040	CHR6:8554040	SSF x LoA	-8,98896465	0,110	0,307
CHR6	8574271	CHR6:8574271	SSF x LoA	-10,135962	0,081	0,296
CHR6	8574502	CHR6:8574502	SSF x LoA	-7,79420404	-0,045	0,300
CHR6	8582589	CHR6:8582589	SSF x LoA	-8,28112279	0,054	0,303
CHR6	8582669	CHR6:8582669	SSF x LoA	-9,54942201	0,050	0,304
CHR6	8582695	CHR6:8582695	SSF x LoA	-10,7669686	0,102	0,304
CHR6	8583142	CHR6:8583142	SSF x LoA	-7,42252639	-0,147	0,306
CHR6	8583155	CHR6:8583155	SSF x LoA	-6,79237985	-0,173	0,311
CHR6	8590366	CHR6:8590366	SSF x LoA	-12,1476937	0,025	0,313
CHR6	8590380	CHR6:8590380	SSF x LoA	9,78523315	-0,120	0,310
CHR6	8622315	CHR6:8622315	SSF x LoA	-9,06513655	-0,005	0,310
CHR6	8627881	CHR6:8627881	SSF x LoA	-8,76699398	0,007	0,307

CHR6	8631634	CHR6:8631634	SSF x LoA	-8,47165524	-0,032	0,312
CHR6	8633582	CHR6:8633582	SSF x LoA	-6,98627554	0,045	0,309
CHR6	8637152	CHR6:8637152	SSF x LoA	-8,53611293	-0,101	0,312
CHR6	8637161	CHR6:8637161	SSF x LoA	-6,54198335	0,036	0,318
CHR6	8637233	CHR6:8637233	SSF x LoA	-10,1641168	-0,091	0,297
CHR6	8637236	CHR6:8637236	SSF x LoA	-10,0786202	-0,059	0,290
CHR6	8637356	CHR6:8637356	SSF x LoA	-9,38796133	0,016	0,309
CHR6	8641749	CHR6:8641749	SSF x LoA	-9,3130595	-0,048	0,305
CHR6	8641825	CHR6:8641825	SSF x LoA	-10,7284763	0,037	0,302
CHR6	8641842	CHR6:8641842	SSF x LoA	-7,87902393	0,141	0,305
CHR6	8643880	CHR6:8643880	SSF x LoA	-10,6609135	0,089	0,312
CHR6	8643994	CHR6:8643994	SSF x LoA	-4,50469806	-0,129	0,313
CHR6	8644023	CHR6:8644023	SSF x LoA	-8,06209381	0,013	0,319
CHR6	8654205	CHR6:8654205	SSF x LoA	-9,5182336	-0,084	0,308
CHR6	8654235	CHR6:8654235	SSF x LoA	-8,97373403	-0,002	0,310
CHR6	8654282	CHR6:8654282	SSF x LoA	-6,55214494	0,031	0,298
CHR6	8657128	CHR6:8657128	SSF x LoA	-7,10031032	-0,079	0,283
CHR6	8682124	CHR6:8682124	SSF x LoA	-10,6272723	0,003	0,314
CHR6	8683963	CHR6:8683963	SSF x LoA	-10,5363873	0,039	0,308
CHR6	8683981	CHR6:8683981	SSF x LoA	-7,43038983	-0,053	0,323
CHR6	8684041	CHR6:8684041	SSF x LoA	8,94938971	0,008	0,316
CHR6	8689325	CHR6:8689325	SSF x LoA	-8,18413181	0,021	0,305
CHR6	869450	CHR6:869450	SSF x LoA	-8,3188026	-0,036	0,305
CHR6	869494	CHR6:869494	SSF x LoA	-9,15127806	0,038	0,312
CHR6	8705385	CHR6:8705385	SSF x LoA	-10,4393022	0,042	0,305
CHR6	8705588	CHR6:8705588	SSF x LoA	-9,9374122	0,049	0,305
CHR6	8724196	CHR6:8724196	SSF x LoA	-9,0975966	-0,070	0,306
CHR6	8730874	CHR6:8730874	SSF x LoA	-3,68928232	0,234	0,290
CHR6	8730962	CHR6:8730962	SSF x LoA	-8,18347815	0,184	0,301
CHR6	8730988	CHR6:8730988	SSF x LoA	-8,27627793	0,098	0,305
CHR6	8731040	CHR6:8731040	SSF x LoA	-9,08334275	0,113	0,293
CHR6	8736567	CHR6:8736567	SSF x LoA	-8,82806107	-0,077	0,318
CHR6	8736752	CHR6:8736752	SSF x LoA	-10,4221681	-0,077	0,309
CHR6	8748768	CHR6:8748768	SSF x LoA	-9,15545946	-0,012	0,314
CHR6	8748783	CHR6:8748783	SSF x LoA	-9,90276107	-0,006	0,293
CHR6	8748794	CHR6:8748794	SSF x LoA	-5,67810266	0,042	0,311
CHR6	8748815	CHR6:8748815	SSF x LoA	-7,86754298	0,047	0,331
CHR6	8748843	CHR6:8748843	SSF x LoA	-5,23444918	0,051	0,315
CHR6	8759533	CHR6:8759533	SSF x LoA	-8,62997725	0,082	0,306
CHR6	8759554	CHR6:8759554	SSF x LoA	-8,08287133	-0,139	0,308
CHR6	8759588	CHR6:8759588	SSF x LoA	-7,25196853	-0,162	0,292
CHR6	8759622	CHR6:8759622	SSF x LoA	-8,6743658	-0,111	0,302
CHR6	8761967	CHR6:8761967	SSF x LoA	-8,88624535	0,034	0,302
CHR6	8762874	CHR6:8762874	SSF x LoA	-11,2259319	0,030	0,294
CHR6	877028	CHR6:877028	SSF x LoA	-7,60466721	0,167	0,310
CHR6	877075	CHR6:877075	SSF x LoA	-10,6336212	-0,089	0,303
CHR6	877101	CHR6:877101	SSF x LoA	-9,10845897	0,024	0,306
CHR6	877131	CHR6:877131	SSF x LoA	-9,44403584	0,050	0,312
CHR6	877187	CHR6:877187	SSF x LoA	-7,56863875	-0,190	0,285
CHR6	877292	CHR6:877292	SSF x LoA	-11,2596101	-0,004	0,313
CHR6	8773981	CHR6:8773981	SSF x LoA	-10,4879558	-0,056	0,309
CHR6	8780598	CHR6:8780598	SSF x LoA	-10,7957498	-0,067	0,301
CHR6	8780729	CHR6:8780729	SSF x LoA	-10,0344119	0,025	0,288

CHR6	8782830	CHR6:8782830	SSF x LoA	-11,4160098	0,035	0,304
CHR6	8782940	CHR6:8782940	SSF x LoA	-11,0535337	0,081	0,300
CHR6	8793685	CHR6:8793685	SSF x LoA	-9,46694406	-0,092	0,307
CHR6	8793691	CHR6:8793691	SSF x LoA	-7,53337656	0,122	0,308
CHR6	8810112	CHR6:8810112	SSF x LoA	-11,5883397	0,051	0,303
CHR6	8810277	CHR6:8810277	SSF x LoA	-9,5556645	0,014	0,308
CHR6	8810299	CHR6:8810299	SSF x LoA	-10,0579993	0,007	0,303
CHR6	881771	CHR6:881771	SSF x LoA	-8,30732681	0,083	0,300
CHR6	881781	CHR6:881781	SSF x LoA	-8,61734692	0,032	0,298
CHR6	881868	CHR6:881868	SSF x LoA	-8,67874982	-0,060	0,293
CHR6	881911	CHR6:881911	SSF x LoA	-9,75888229	0,000	0,314
CHR6	8879957	CHR6:8879957	SSF x LoA	-9,08384441	0,055	0,304
CHR6	8889980	CHR6:8889980	SSF x LoA	-8,71004903	0,046	0,318
CHR6	8890013	CHR6:8890013	SSF x LoA	-9,02729271	-0,016	0,314
CHR6	8890024	CHR6:8890024	SSF x LoA	-9,43559442	0,023	0,296
CHR6	8894475	CHR6:8894475	SSF x LoA	-11,3022236	0,001	0,308
CHR6	8899079	CHR6:8899079	SSF x LoA	-9,99999735	0,065	0,299
CHR6	8899097	CHR6:8899097	SSF x LoA	-8,33868271	0,011	0,309
CHR6	8899203	CHR6:8899203	SSF x LoA	-10,0675166	-0,088	0,317
CHR6	8906792	CHR6:8906792	SSF x LoA	-10,409233	-0,019	0,312
CHR6	8906817	CHR6:8906817	SSF x LoA	-6,94748661	0,088	0,297
CHR6	8906979	CHR6:8906979	SSF x LoA	-7,33815137	0,004	0,309
CHR6	8908327	CHR6:8908327	SSF x LoA	-5,21176545	-0,084	0,305
CHR6	8908476	CHR6:8908476	SSF x LoA	-3,34408933	-0,178	0,306
CHR6	8913838	CHR6:8913838	SSF x LoA	-8,44612204	-0,008	0,303
CHR6	8913868	CHR6:8913868	SSF x LoA	-9,21299506	-0,059	0,293
CHR6	8913877	CHR6:8913877	SSF x LoA	-7,87061934	0,054	0,304
CHR6	8913893	CHR6:8913893	SSF x LoA	-8,88139187	0,036	0,304
CHR6	8922177	CHR6:8922177	SSF x LoA	-7,76537158	0,114	0,293
CHR6	8932300	CHR6:8932300	SSF x LoA	-8,68335128	0,057	0,317
CHR6	8935327	CHR6:8935327	SSF x LoA	-9,57291573	-0,119	0,293
CHR6	8935513	CHR6:8935513	SSF x LoA	-7,00325027	-0,150	0,298
CHR6	8940637	CHR6:8940637	SSF x LoA	-8,86942256	-0,074	0,297
CHR6	8940786	CHR6:8940786	SSF x LoA	-9,49704526	0,015	0,311
CHR6	8946783	CHR6:8946783	SSF x LoA	-10,8419497	0,021	0,318
CHR6	8946794	CHR6:8946794	SSF x LoA	-6,2613567	-0,030	0,311
CHR6	8946837	CHR6:8946837	SSF x LoA	-10,2251126	-0,020	0,311
CHR6	895055	CHR6:895055	SSF x LoA	-9,99887499	-0,057	0,306
CHR6	8951140	CHR6:8951140	SSF x LoA	-8,96064903	-0,011	0,309
CHR6	8951187	CHR6:8951187	SSF x LoA	-7,73572183	-0,095	0,308
CHR6	8958293	CHR6:8958293	SSF x LoA	-6,81256275	0,154	0,310
CHR6	8964073	CHR6:8964073	SSF x LoA	-10,3371062	-0,052	0,302
CHR6	8964173	CHR6:8964173	SSF x LoA	-3,57554694	0,050	0,305
CHR6	8969029	CHR6:8969029	SSF x LoA	-10,6421504	0,106	0,309
CHR6	8969079	CHR6:8969079	SSF x LoA	-3,07001056	0,139	0,302
CHR6	8969135	CHR6:8969135	SSF x LoA	-0,07232012	0,047	0,318
CHR6	8969146	CHR6:8969146	SSF x LoA	-8,38878863	-0,048	0,303
CHR6	8969158	CHR6:8969158	SSF x LoA	-10,5558185	-0,059	0,306
CHR6	8969167	CHR6:8969167	SSF x LoA	-9,43335386	-0,064	0,304
CHR6	8973051	CHR6:8973051	SSF x LoA	-9,82979928	0,119	0,294
CHR6	8973059	CHR6:8973059	SSF x LoA	-8,9597514	-0,118	0,309
CHR6	8973090	CHR6:8973090	SSF x LoA	-4,53766424	-0,138	0,306
CHR6	8973102	CHR6:8973102	SSF x LoA	-11,3231467	-0,066	0,311

CHR6	8973190	CHR6:8973190	SSF x LoA	-7,18898867	0,045	0,306
CHR6	8973219	CHR6:8973219	SSF x LoA	-8,69795462	0,012	0,307
CHR6	8973265	CHR6:8973265	SSF x LoA	-9,85639679	0,004	0,300
CHR6	8973268	CHR6:8973268	SSF x LoA	-8,18914654	-0,040	0,302
CHR6	8978174	CHR6:8978174	SSF x LoA	-7,68511696	0,104	0,304
CHR6	8978230	CHR6:8978230	SSF x LoA	-9,77095896	0,046	0,299
CHR6	8978266	CHR6:8978266	SSF x LoA	-8,77547364	-0,032	0,301
CHR6	8978369	CHR6:8978369	SSF x LoA	-11,7819958	0,050	0,302
CHR6	8978399	CHR6:8978399	SSF x LoA	-8,37805399	0,033	0,309
CHR6	8978426	CHR6:8978426	SSF x LoA	-10,3632684	-0,049	0,318
CHR6	8994313	CHR6:8994313	SSF x LoA	-10,7114945	0,126	0,296
CHR6	8994540	CHR6:8994540	SSF x LoA	-10,9421784	0,073	0,308
CHR6	8995885	CHR6:8995885	SSF x LoA	-11,4968839	-0,095	0,294
CHR6	9004066	CHR6:9004066	SSF x LoA	-9,50372893	0,134	0,295
CHR6	9004152	CHR6:9004152	SSF x LoA	-9,23381357	0,129	0,294
CHR6	902697	CHR6:902697	SSF x LoA	-10,6521146	-0,006	0,286
CHR6	902726	CHR6:902726	SSF x LoA	-9,28821355	0,000	0,324
CHR6	902762	CHR6:902762	SSF x LoA	-9,42757999	-0,014	0,313
CHR6	902767	CHR6:902767	SSF x LoA	-11,0743642	0,036	0,317
CHR6	902786	CHR6:902786	SSF x LoA	-9,56843517	-0,061	0,305
CHR6	9045778	CHR6:9045778	SSF x LoA	-9,30036497	-0,008	0,323
CHR6	9047419	CHR6:9047419	SSF x LoA	-9,51126768	0,039	0,301
CHR6	9047530	CHR6:9047530	SSF x LoA	-7,70468725	0,010	0,309
CHR6	9050354	CHR6:9050354	SSF x LoA	-5,24693665	-0,048	0,307
CHR6	9050369	CHR6:9050369	SSF x LoA	-10,7755624	-0,025	0,307
CHR6	9050371	CHR6:9050371	SSF x LoA	-11,3626772	-0,018	0,312
CHR6	9050441	CHR6:9050441	SSF x LoA	-6,78234658	0,110	0,297
CHR6	9050484	CHR6:9050484	SSF x LoA	-10,2859352	-0,058	0,311
CHR6	9063714	CHR6:9063714	SSF x LoA	-9,59818808	-0,085	0,308
CHR6	9063812	CHR6:9063812	SSF x LoA	-10,9016749	0,038	0,309
CHR6	9063845	CHR6:9063845	SSF x LoA	-9,04209295	0,022	0,305
CHR6	9075393	CHR6:9075393	SSF x LoA	-3,36785386	-0,047	0,309
CHR6	9075400	CHR6:9075400	SSF x LoA	-11,1485074	-0,046	0,309
CHR6	9078929	CHR6:9078929	SSF x LoA	-9,42839974	-0,012	0,329
CHR6	9078946	CHR6:9078946	SSF x LoA	-8,72788132	-0,076	0,318
CHR6	9089196	CHR6:9089196	SSF x LoA	-7,02537556	-0,109	0,294
CHR6	9092588	CHR6:9092588	SSF x LoA	-5,33162578	0,047	0,323
CHR6	9097635	CHR6:9097635	SSF x LoA	-9,06353635	-0,091	0,300
CHR6	9104774	CHR6:9104774	SSF x LoA	-9,52528019	-0,009	0,302
CHR6	9104778	CHR6:9104778	SSF x LoA	-8,43195264	0,081	0,300
CHR6	9109794	CHR6:9109794	SSF x LoA	-10,6063289	0,065	0,290
CHR6	9109802	CHR6:9109802	SSF x LoA	-9,10995504	0,066	0,300
CHR6	9116231	CHR6:9116231	SSF x LoA	-11,7702637	-0,055	0,304
CHR6	9117531	CHR6:9117531	SSF x LoA	-9,32000981	0,074	0,299
CHR6	9117579	CHR6:9117579	SSF x LoA	-11,7840662	0,001	0,296
CHR6	9117581	CHR6:9117581	SSF x LoA	-8,98171342	0,020	0,305
CHR6	9117629	CHR6:9117629	SSF x LoA	-10,8356164	0,035	0,292
CHR6	9117630	CHR6:9117630	SSF x LoA	-6,98288805	0,039	0,305
CHR6	9117631	CHR6:9117631	SSF x LoA	-7,92985988	0,005	0,310
CHR6	9122603	CHR6:9122603	SSF x LoA	-9,71921231	0,007	0,303
CHR6	9122610	CHR6:9122610	SSF x LoA	-9,93610393	0,070	0,304
CHR6	9125003	CHR6:9125003	SSF x LoA	-8,71263828	-0,017	0,294
CHR6	9125017	CHR6:9125017	SSF x LoA	-11,8580252	-0,001	0,304

CHR6	9125290	CHR6:9125290	SSF x LoA	-11,4818487	-0,035	0,300
CHR6	9125356	CHR6:9125356	SSF x LoA	-11,8435044	0,022	0,299
CHR6	9131966	CHR6:9131966	SSF x LoA	-7,3471865	-0,045	0,312
CHR6	9132008	CHR6:9132008	SSF x LoA	-9,07511059	0,056	0,297
CHR6	9132035	CHR6:9132035	SSF x LoA	-9,95402333	0,068	0,290
CHR6	9134735	CHR6:9134735	SSF x LoA	-9,54268754	0,051	0,311
CHR6	9134788	CHR6:9134788	SSF x LoA	-1,56188417	0,010	0,319
CHR6	9134915	CHR6:9134915	SSF x LoA	-10,4773563	0,035	0,290
CHR6	9147065	CHR6:9147065	SSF x LoA	-9,73755874	0,037	0,329
CHR6	9147111	CHR6:9147111	SSF x LoA	-8,16288452	-0,049	0,302
CHR6	9147251	CHR6:9147251	SSF x LoA	-9,34918054	0,053	0,310
CHR6	9147277	CHR6:9147277	SSF x LoA	-8,30225218	-0,053	0,313
CHR6	9155526	CHR6:9155526	SSF x LoA	-3,37738096	0,154	0,301
CHR6	9159463	CHR6:9159463	SSF x LoA	-9,25134555	0,012	0,317
CHR6	9159506	CHR6:9159506	SSF x LoA	-7,19321912	-0,010	0,313
CHR6	9159518	CHR6:9159518	SSF x LoA	-8,26197018	0,079	0,295
CHR6	9159544	CHR6:9159544	SSF x LoA	-7,81954215	-0,055	0,304
CHR6	9159568	CHR6:9159568	SSF x LoA	-9,06328958	-0,004	0,323
CHR6	9159639	CHR6:9159639	SSF x LoA	-8,55907627	-0,018	0,307
CHR6	9159679	CHR6:9159679	SSF x LoA	-11,8319281	-0,019	0,316
CHR6	9170169	CHR6:9170169	SSF x LoA	-9,96880257	0,037	0,304
CHR6	9176965	CHR6:9176965	SSF x LoA	-10,6126219	0,038	0,296
CHR6	9179320	CHR6:9179320	SSF x LoA	-7,82442093	-0,031	0,313
CHR6	9184064	CHR6:9184064	SSF x LoA	-8,49994992	-0,017	0,309
CHR6	9184105	CHR6:9184105	SSF x LoA	-7,9215549	-0,065	0,303
CHR6	9184109	CHR6:9184109	SSF x LoA	-6,00895409	-0,027	0,311
CHR6	9184229	CHR6:9184229	SSF x LoA	-8,79920167	-0,064	0,294
CHR6	9184298	CHR6:9184298	SSF x LoA	-8,82576798	0,007	0,303
CHR6	9189425	CHR6:9189425	SSF x LoA	-7,19045619	0,033	0,306
CHR6	9189521	CHR6:9189521	SSF x LoA	-6,16710852	-0,097	0,305
CHR6	9195941	CHR6:9195941	SSF x LoA	-9,1998505	-0,020	0,309
CHR6	9196036	CHR6:9196036	SSF x LoA	-8,9978738	0,014	0,304
CHR6	9196052	CHR6:9196052	SSF x LoA	-9,32458184	0,001	0,322
CHR6	9196230	CHR6:9196230	SSF x LoA	-3,21914587	-0,023	0,308
CHR6	923479	CHR6:923479	SSF x LoA	-9,73661772	0,045	0,309
CHR6	9242596	CHR6:9242596	SSF x LoA	1,5672349	-0,111	0,320
CHR6	9242666	CHR6:9242666	SSF x LoA	-4,31200732	-0,042	0,311
CHR6	9242689	CHR6:9242689	SSF x LoA	-9,79231704	-0,004	0,304
CHR6	9242725	CHR6:9242725	SSF x LoA	-7,86735866	-0,176	0,306
CHR6	9253419	CHR6:9253419	SSF x LoA	-8,74838308	0,016	0,317
CHR6	9253688	CHR6:9253688	SSF x LoA	-8,07453022	0,088	0,304
CHR6	9256430	CHR6:9256430	SSF x LoA	-11,4785209	0,044	0,305
CHR6	9263599	CHR6:9263599	SSF x LoA	-11,2885786	-0,032	0,299
CHR6	9263603	CHR6:9263603	SSF x LoA	-9,28017568	0,033	0,312
CHR6	9263688	CHR6:9263688	SSF x LoA	-11,2998066	0,087	0,304
CHR6	9263728	CHR6:9263728	SSF x LoA	-8,46997823	0,112	0,311
CHR6	9264433	CHR6:9264433	SSF x LoA	-11,8360865	-0,008	0,314
CHR6	9267466	CHR6:9267466	SSF x LoA	-5,69079199	-0,045	0,322
CHR6	9275569	CHR6:9275569	SSF x LoA	-9,16113081	-0,034	0,302
CHR6	9275584	CHR6:9275584	SSF x LoA	-9,34897429	-0,008	0,292
CHR6	9275643	CHR6:9275643	SSF x LoA	-9,14106081	-0,019	0,291
CHR6	9283888	CHR6:9283888	SSF x LoA	-8,61029328	0,017	0,313
CHR6	9283910	CHR6:9283910	SSF x LoA	-9,47197418	-0,022	0,310

CHR6	9283911	CHR6:9283911	SSF x LoA	-8,97335751	0,049	0,319
CHR6	9283912	CHR6:9283912	SSF x LoA	-9,27344437	-0,047	0,306
CHR6	9283948	CHR6:9283948	SSF x LoA	-8,74040442	-0,046	0,308
CHR6	9284029	CHR6:9284029	SSF x LoA	-8,01584026	0,071	0,308
CHR6	9284086	CHR6:9284086	SSF x LoA	-7,66518208	-0,106	0,297
CHR6	9294100	CHR6:9294100	SSF x LoA	-11,5651626	-0,086	0,308
CHR6	9294235	CHR6:9294235	SSF x LoA	-10,6201728	-0,006	0,315
CHR6	9294518	CHR6:9294518	SSF x LoA	-10,519705	0,016	0,313
CHR6	9313338	CHR6:9313338	SSF x LoA	-9,54564422	0,036	0,311
CHR6	9313428	CHR6:9313428	SSF x LoA	-8,80882583	0,062	0,309
CHR6	9314744	CHR6:9314744	SSF x LoA	-8,54950298	-0,105	0,305
CHR6	9314749	CHR6:9314749	SSF x LoA	-8,97942379	0,054	0,305
CHR6	9314774	CHR6:9314774	SSF x LoA	-9,14071572	-0,100	0,298
CHR6	9317586	CHR6:9317586	SSF x LoA	-9,88699944	0,137	0,310
CHR6	9317670	CHR6:9317670	SSF x LoA	-10,605669	0,066	0,308
CHR6	9317706	CHR6:9317706	SSF x LoA	-10,9122885	0,003	0,316
CHR6	9317728	CHR6:9317728	SSF x LoA	-6,1638538	-0,097	0,294
CHR6	9317744	CHR6:9317744	SSF x LoA	-11,3274155	0,051	0,310
CHR6	9326185	CHR6:9326185	SSF x LoA	-8,99799645	-0,115	0,301
CHR6	9326190	CHR6:9326190	SSF x LoA	-7,87378908	-0,091	0,307
CHR6	9333905	CHR6:9333905	SSF x LoA	-8,20837532	0,002	0,302
CHR6	9333917	CHR6:9333917	SSF x LoA	-8,17333424	0,059	0,302
CHR6	9333971	CHR6:9333971	SSF x LoA	-8,89134145	0,019	0,311
CHR6	9333998	CHR6:9333998	SSF x LoA	-11,41898	-0,041	0,308
CHR6	933620	CHR6:933620	SSF x LoA	-9,98545259	0,105	0,305
CHR6	933699	CHR6:933699	SSF x LoA	-8,16292049	-0,016	0,314
CHR6	9343798	CHR6:9343798	SSF x LoA	-8,72581898	0,060	0,300
CHR6	9343861	CHR6:9343861	SSF x LoA	-9,83903034	-0,016	0,303
CHR6	9343874	CHR6:9343874	SSF x LoA	-9,20978466	0,017	0,296
CHR6	9347977	CHR6:9347977	SSF x LoA	-8,4325481	0,109	0,311
CHR6	9354423	CHR6:9354423	SSF x LoA	-10,2830118	0,073	0,298
CHR6	9355452	CHR6:9355452	SSF x LoA	-9,94106574	-0,001	0,305
CHR6	9359433	CHR6:9359433	SSF x LoA	-8,55204657	-0,034	0,300
CHR6	9359786	CHR6:9359786	SSF x LoA	-9,49511146	-0,056	0,311
CHR6	9359808	CHR6:9359808	SSF x LoA	-10,062927	0,084	0,304
CHR6	9359841	CHR6:9359841	SSF x LoA	-9,69302503	-0,086	0,300
CHR6	9364474	CHR6:9364474	SSF x LoA	-2,32330854	0,131	0,309
CHR6	9364510	CHR6:9364510	SSF x LoA	-11,0220641	-0,016	0,304
CHR6	9364738	CHR6:9364738	SSF x LoA	-10,0433646	-0,031	0,305
CHR6	9364741	CHR6:9364741	SSF x LoA	-2,82700915	-0,040	0,332
CHR6	9364792	CHR6:9364792	SSF x LoA	-9,30573534	0,046	0,308
CHR6	937065	CHR6:937065	SSF x LoA	-10,6889022	0,054	0,303
CHR6	9372288	CHR6:9372288	SSF x LoA	-11,8892442	0,016	0,301
CHR6	9372303	CHR6:9372303	SSF x LoA	-8,45104072	0,072	0,310
CHR6	9372311	CHR6:9372311	SSF x LoA	-5,76380861	0,072	0,299
CHR6	937283	CHR6:937283	SSF x LoA	-8,39849747	-0,092	0,311
CHR6	9391429	CHR6:9391429	SSF x LoA	-8,97577249	0,015	0,308
CHR6	9393349	CHR6:9393349	SSF x LoA	-6,56675885	0,021	0,302
CHR6	9393368	CHR6:9393368	SSF x LoA	-9,82277053	0,037	0,306
CHR6	9403286	CHR6:9403286	SSF x LoA	-10,2103047	0,038	0,311
CHR6	9403292	CHR6:9403292	SSF x LoA	-9,52420236	0,035	0,307
CHR6	9403329	CHR6:9403329	SSF x LoA	-8,51274432	0,044	0,303
CHR6	9403341	CHR6:9403341	SSF x LoA	-10,0799394	0,030	0,306

CHR6	9403346	CHR6:9403346	SSF x LoA	-9,79516967	0,037	0,295
CHR6	9403351	CHR6:9403351	SSF x LoA	-9,08355075	0,008	0,308
CHR6	9405792	CHR6:9405792	SSF x LoA	-11,002307	0,031	0,312
CHR6	9405878	CHR6:9405878	SSF x LoA	-6,54737928	-0,169	0,305
CHR6	9406022	CHR6:9406022	SSF x LoA	-9,67812692	-0,097	0,317
CHR6	9408109	CHR6:9408109	SSF x LoA	-10,3452291	-0,023	0,302
CHR6	9411172	CHR6:9411172	SSF x LoA	-6,08942083	0,148	0,302
CHR6	9411200	CHR6:9411200	SSF x LoA	-8,26647298	0,113	0,312
CHR6	9411240	CHR6:9411240	SSF x LoA	-10,1920526	0,111	0,299
CHR6	941702	CHR6:941702	SSF x LoA	-4,97286664	0,118	0,290
CHR6	941705	CHR6:941705	SSF x LoA	-9,39226277	0,075	0,293
CHR6	941752	CHR6:941752	SSF x LoA	-7,10193531	0,106	0,304
CHR6	9424171	CHR6:9424171	SSF x LoA	-10,7239864	-0,129	0,308
CHR6	9424217	CHR6:9424217	SSF x LoA	-10,9111205	-0,095	0,307
CHR6	9424552	CHR6:9424552	SSF x LoA	-11,4863731	0,074	0,305
CHR6	9424626	CHR6:9424626	SSF x LoA	-8,78584407	-0,010	0,307
CHR6	9424643	CHR6:9424643	SSF x LoA	-8,88913791	0,091	0,297
CHR6	9424648	CHR6:9424648	SSF x LoA	-9,48445077	-0,037	0,315
CHR6	9432299	CHR6:9432299	SSF x LoA	-9,87610103	0,021	0,303
CHR6	9432323	CHR6:9432323	SSF x LoA	-9,89640703	0,018	0,303
CHR6	9432327	CHR6:9432327	SSF x LoA	-10,3005847	-0,062	0,306
CHR6	9432357	CHR6:9432357	SSF x LoA	-9,66534364	-0,048	0,315
CHR6	9432364	CHR6:9432364	SSF x LoA	-9,39654317	-0,032	0,303
CHR6	9432692	CHR6:9432692	SSF x LoA	-8,69997065	-0,078	0,307
CHR6	9436044	CHR6:9436044	SSF x LoA	-9,40978408	-0,030	0,302
CHR6	9437426	CHR6:9437426	SSF x LoA	-5,66999602	-0,075	0,303
CHR6	9448558	CHR6:9448558	SSF x LoA	-3,24671945	-0,076	0,309
CHR6	9448570	CHR6:9448570	SSF x LoA	-9,25714608	-0,015	0,308
CHR6	9448573	CHR6:9448573	SSF x LoA	-8,68178092	-0,052	0,291
CHR6	9448588	CHR6:9448588	SSF x LoA	-9,00694917	0,057	0,317
CHR6	9448597	CHR6:9448597	SSF x LoA	-8,64998405	0,023	0,304
CHR6	9448602	CHR6:9448602	SSF x LoA	-7,16715964	0,013	0,297
CHR6	9448603	CHR6:9448603	SSF x LoA	-11,1833089	-0,075	0,293
CHR6	9448604	CHR6:9448604	SSF x LoA	-11,1082752	-0,076	0,302
CHR6	9448605	CHR6:9448605	SSF x LoA	-11,3834463	-0,076	0,302
CHR6	9448609	CHR6:9448609	SSF x LoA	-8,71446305	0,051	0,304
CHR6	9448610	CHR6:9448610	SSF x LoA	-9,22219404	0,031	0,304
CHR6	9448614	CHR6:9448614	SSF x LoA	-9,74646846	-0,076	0,302
CHR6	9448625	CHR6:9448625	SSF x LoA	-8,14045075	0,026	0,314
CHR6	9448630	CHR6:9448630	SSF x LoA	-10,8429483	0,055	0,311
CHR6	9448631	CHR6:9448631	SSF x LoA	2,26240363	0,051	0,331
CHR6	9448637	CHR6:9448637	SSF x LoA	-9,95651868	-0,003	0,297
CHR6	9448659	CHR6:9448659	SSF x LoA	-8,6091902	0,010	0,294
CHR6	9451967	CHR6:9451967	SSF x LoA	-8,78639135	0,039	0,297
CHR6	9452035	CHR6:9452035	SSF x LoA	-8,84373512	0,029	0,306
CHR6	9452037	CHR6:9452037	SSF x LoA	-8,90960351	0,058	0,295
CHR6	9452039	CHR6:9452039	SSF x LoA	-8,09377008	0,049	0,299
CHR6	9452086	CHR6:9452086	SSF x LoA	-10,6930039	0,021	0,302
CHR6	9452094	CHR6:9452094	SSF x LoA	-11,6662474	0,039	0,314
CHR6	9465364	CHR6:9465364	SSF x LoA	-4,92536209	0,130	0,313
CHR6	9465397	CHR6:9465397	SSF x LoA	-10,353484	0,110	0,308
CHR6	9465576	CHR6:9465576	SSF x LoA	-8,38859885	-0,138	0,305
CHR6	948317	CHR6:948317	SSF x LoA	-7,63846672	0,146	0,285

CHR6	9485580	CHR6:9485580	SSF x LoA	-11,3335597	-0,097	0,304
CHR6	9492827	CHR6:9492827	SSF x LoA	-9,88762624	0,061	0,305
CHR6	9492861	CHR6:9492861	SSF x LoA	-9,73372526	0,075	0,310
CHR6	9492989	CHR6:9492989	SSF x LoA	-11,1963923	0,044	0,316
CHR6	9492999	CHR6:9492999	SSF x LoA	-9,87290627	0,059	0,308
CHR6	9501066	CHR6:9501066	SSF x LoA	-12,0029412	0,004	0,306
CHR6	9501166	CHR6:9501166	SSF x LoA	-8,95858454	-0,086	0,309
CHR6	9501234	CHR6:9501234	SSF x LoA	-10,7569145	-0,052	0,294
CHR6	9501248	CHR6:9501248	SSF x LoA	-10,1079395	0,001	0,296
CHR6	9501257	CHR6:9501257	SSF x LoA	-9,12229751	0,007	0,302
CHR6	9501258	CHR6:9501258	SSF x LoA	-9,2411503	-0,028	0,291
CHR6	9501264	CHR6:9501264	SSF x LoA	-9,93554981	-0,040	0,296
CHR6	9501270	CHR6:9501270	SSF x LoA	-6,48916377	-0,035	0,305
CHR6	9501288	CHR6:9501288	SSF x LoA	-8,34416697	0,044	0,315
CHR6	950231	CHR6:950231	SSF x LoA	-3,93263925	-0,156	0,293
CHR6	9512502	CHR6:9512502	SSF x LoA	-9,2873702	0,029	0,295
CHR6	9512536	CHR6:9512536	SSF x LoA	-8,93033677	-0,084	0,319
CHR6	9512562	CHR6:9512562	SSF x LoA	-6,09432985	-0,093	0,308
CHR6	9512564	CHR6:9512564	SSF x LoA	-7,12704064	-0,123	0,316
CHR6	9512567	CHR6:9512567	SSF x LoA	-7,25486801	-0,054	0,316
CHR6	9512582	CHR6:9512582	SSF x LoA	-10,4597185	-0,060	0,305
CHR6	9512598	CHR6:9512598	SSF x LoA	-5,23951147	0,074	0,305
CHR6	9512610	CHR6:9512610	SSF x LoA	-8,18146146	-0,006	0,318
CHR6	9512617	CHR6:9512617	SSF x LoA	-8,41661397	0,123	0,303
CHR6	9512627	CHR6:9512627	SSF x LoA	-10,3624976	-0,005	0,316
CHR6	9517111	CHR6:9517111	SSF x LoA	-3,67810891	-0,173	0,304
CHR6	9517167	CHR6:9517167	SSF x LoA	-10,2650056	-0,094	0,309
CHR6	9520756	CHR6:9520756	SSF x LoA	-6,7985435	0,077	0,321
CHR6	9523388	CHR6:9523388	SSF x LoA	-10,9240354	0,038	0,303
CHR6	953126	CHR6:953126	SSF x LoA	-8,92161725	0,117	0,301
CHR6	9532745	CHR6:9532745	SSF x LoA	-10,6416691	0,018	0,320
CHR6	9532830	CHR6:9532830	SSF x LoA	-10,4599297	0,008	0,311
CHR6	9532839	CHR6:9532839	SSF x LoA	-9,51983442	-0,025	0,298
CHR6	9534516	CHR6:9534516	SSF x LoA	-10,200028	-0,037	0,301
CHR6	9534517	CHR6:9534517	SSF x LoA	-8,35037052	-0,023	0,296
CHR6	9541621	CHR6:9541621	SSF x LoA	-8,89421615	-0,035	0,307
CHR6	9541632	CHR6:9541632	SSF x LoA	-8,43463513	-0,085	0,294
CHR6	9549605	CHR6:9549605	SSF x LoA	-9,18391255	0,104	0,307
CHR6	9549609	CHR6:9549609	SSF x LoA	-5,11174341	0,124	0,304
CHR6	9549647	CHR6:9549647	SSF x LoA	-4,08618373	-0,236	0,292
CHR6	9549677	CHR6:9549677	SSF x LoA	-10,9387562	-0,076	0,303
CHR6	9561502	CHR6:9561502	SSF x LoA	-10,0599001	-0,033	0,296
CHR6	9561509	CHR6:9561509	SSF x LoA	-10,4900266	0,077	0,305
CHR6	9561525	CHR6:9561525	SSF x LoA	-9,83942036	0,072	0,278
CHR6	9561538	CHR6:9561538	SSF x LoA	-9,86936545	-0,004	0,311
CHR6	9561584	CHR6:9561584	SSF x LoA	-5,46126001	0,146	0,310
CHR6	9561672	CHR6:9561672	SSF x LoA	-11,0373893	-0,041	0,301
CHR6	9576126	CHR6:9576126	SSF x LoA	-8,35127513	-0,066	0,321
CHR6	9576129	CHR6:9576129	SSF x LoA	-11,804793	0,041	0,303
CHR6	9576173	CHR6:9576173	SSF x LoA	-11,1623819	0,050	0,306
CHR6	9576189	CHR6:9576189	SSF x LoA	-11,4373659	-0,041	0,294
CHR6	9581177	CHR6:9581177	SSF x LoA	-8,35607184	-0,097	0,301
CHR6	9586122	CHR6:9586122	SSF x LoA	-10,9761889	0,028	0,300

CHR6	9586186	CHR6:9586186	SSF x LoA	-7,83209897	-0,122	0,280
CHR6	9586188	CHR6:9586188	SSF x LoA	-10,8187936	-0,013	0,313
CHR6	9598971	CHR6:9598971	SSF x LoA	-8,83001428	-0,025	0,294
CHR6	9599095	CHR6:9599095	SSF x LoA	-9,94579837	-0,038	0,313
CHR6	9599105	CHR6:9599105	SSF x LoA	-8,27268711	0,110	0,299
CHR6	9603951	CHR6:9603951	SSF x LoA	-8,09758203	0,014	0,306
CHR6	9623023	CHR6:9623023	SSF x LoA	-11,0860275	-0,048	0,289
CHR6	9623044	CHR6:9623044	SSF x LoA	-7,32311568	0,098	0,311
CHR6	9624756	CHR6:9624756	SSF x LoA	-10,4607642	0,017	0,311
CHR6	9624796	CHR6:9624796	SSF x LoA	-8,49664957	0,069	0,298
CHR6	9626648	CHR6:9626648	SSF x LoA	-10,6728018	-0,072	0,301
CHR6	9626666	CHR6:9626666	SSF x LoA	-6,9265786	-0,169	0,291
CHR6	9626708	CHR6:9626708	SSF x LoA	-10,2670219	-0,109	0,303
CHR6	9628091	CHR6:9628091	SSF x LoA	-8,25784564	-0,078	0,312
CHR6	9628092	CHR6:9628092	SSF x LoA	-9,44026484	-0,005	0,322
CHR6	9635315	CHR6:9635315	SSF x LoA	-8,15003683	-0,016	0,304
CHR6	9635337	CHR6:9635337	SSF x LoA	-5,52243898	0,041	0,308
CHR6	9635342	CHR6:9635342	SSF x LoA	-10,5662224	0,013	0,310
CHR6	9635361	CHR6:9635361	SSF x LoA	-8,04375292	-0,083	0,310
CHR6	9635404	CHR6:9635404	SSF x LoA	-8,35988646	-0,011	0,313
CHR6	9635447	CHR6:9635447	SSF x LoA	-5,09407182	-0,068	0,324
CHR6	9635476	CHR6:9635476	SSF x LoA	-8,41185845	-0,012	0,309
CHR6	9635501	CHR6:9635501	SSF x LoA	-11,0320762	0,035	0,306
CHR6	9635529	CHR6:9635529	SSF x LoA	-9,89331071	0,064	0,323
CHR6	9635536	CHR6:9635536	SSF x LoA	-9,41650511	-0,069	0,310
CHR6	9635539	CHR6:9635539	SSF x LoA	-8,50396342	-0,040	0,314
CHR6	9635553	CHR6:9635553	SSF x LoA	-10,1784449	-0,004	0,309
CHR6	9645422	CHR6:9645422	SSF x LoA	-12,2014117	0,033	0,307
CHR6	9645424	CHR6:9645424	SSF x LoA	-7,67969606	0,012	0,323
CHR6	9645428	CHR6:9645428	SSF x LoA	-11,0461517	0,007	0,320
CHR6	9662351	CHR6:9662351	SSF x LoA	-5,84707618	0,114	0,311
CHR6	9662419	CHR6:9662419	SSF x LoA	-11,0590707	0,021	0,313
CHR6	9670254	CHR6:9670254	SSF x LoA	-8,77330167	-0,060	0,293
CHR6	9670263	CHR6:9670263	SSF x LoA	-7,06469216	-0,054	0,300
CHR6	9670321	CHR6:9670321	SSF x LoA	-6,66392824	-0,077	0,300
CHR6	9675833	CHR6:9675833	SSF x LoA	-8,73293262	-0,005	0,310
CHR6	9675857	CHR6:9675857	SSF x LoA	-8,56353378	-0,143	0,296
CHR6	9675876	CHR6:9675876	SSF x LoA	-6,93258	-0,034	0,304
CHR6	9677500	CHR6:9677500	SSF x LoA	-7,45978619	0,142	0,308
CHR6	9686146	CHR6:9686146	SSF x LoA	-11,7573748	-0,052	0,308
CHR6	9704866	CHR6:9704866	SSF x LoA	-9,64482961	-0,078	0,311
CHR6	9717104	CHR6:9717104	SSF x LoA	-8,31314894	-0,147	0,302
CHR6	9717161	CHR6:9717161	SSF x LoA	-9,15369989	-0,131	0,312
CHR6	9717271	CHR6:9717271	SSF x LoA	-0,66809224	-0,115	0,293
CHR6	9727164	CHR6:9727164	SSF x LoA	-10,4172946	-0,142	0,297
CHR6	97411	CHR6:97411	SSF x LoA	-9,94702109	-0,032	0,310
CHR6	9743534	CHR6:9743534	SSF x LoA	-8,53350429	-0,093	0,303
CHR6	9743584	CHR6:9743584	SSF x LoA	-8,82844306	0,038	0,311
CHR6	9753028	CHR6:9753028	SSF x LoA	-10,15122	0,133	0,290
CHR6	9756891	CHR6:9756891	SSF x LoA	-7,84844685	0,013	0,309
CHR6	9756969	CHR6:9756969	SSF x LoA	-8,30263903	0,000	0,312
CHR6	9758863	CHR6:9758863	SSF x LoA	-9,8865067	-0,081	0,310
CHR6	9758865	CHR6:9758865	SSF x LoA	-9,77007563	-0,016	0,309

CHR6	976501	CHR6:976501	SSF x LoA	-8,65675094	0,071	0,306
CHR6	9786893	CHR6:9786893	SSF x LoA	-6,24016366	0,039	0,299
CHR6	9786896	CHR6:9786896	SSF x LoA	-8,34744419	0,049	0,302
CHR6	9787000	CHR6:9787000	SSF x LoA	-7,35314816	-0,098	0,311
CHR6	9790549	CHR6:9790549	SSF x LoA	-9,49422585	-0,053	0,306
CHR6	9790643	CHR6:9790643	SSF x LoA	-7,71784363	-0,106	0,298
CHR6	9790648	CHR6:9790648	SSF x LoA	-7,69790211	-0,109	0,303
CHR6	9790669	CHR6:9790669	SSF x LoA	-8,84894934	-0,111	0,298
CHR6	9796171	CHR6:9796171	SSF x LoA	-9,80623043	-0,001	0,317
CHR6	9829797	CHR6:9829797	SSF x LoA	-8,7328524	-0,129	0,300
CHR6	9829880	CHR6:9829880	SSF x LoA	-10,431199	0,009	0,307
CHR6	985796	CHR6:985796	SSF x LoA	-8,93978428	0,133	0,309
CHR6	986003	CHR6:986003	SSF x LoA	-9,19390153	0,069	0,299
CHR6	9864151	CHR6:9864151	SSF x LoA	-7,73238453	0,097	0,300
CHR6	9874888	CHR6:9874888	SSF x LoA	-7,04002751	0,067	0,318
CHR6	9874907	CHR6:9874907	SSF x LoA	-7,19013674	0,046	0,301
CHR6	9874911	CHR6:9874911	SSF x LoA	-10,9906551	0,076	0,296
CHR6	9874935	CHR6:9874935	SSF x LoA	-8,09004879	0,046	0,303
CHR6	9881743	CHR6:9881743	SSF x LoA	-10,5316819	0,013	0,308
CHR6	9881853	CHR6:9881853	SSF x LoA	1,02314999	0,095	0,308
CHR6	9881931	CHR6:9881931	SSF x LoA	-7,65119193	-0,155	0,283
CHR6	9885481	CHR6:9885481	SSF x LoA	-7,27216947	-0,014	0,318
CHR6	9885524	CHR6:9885524	SSF x LoA	-7,70754092	-0,106	0,306
CHR6	9885539	CHR6:9885539	SSF x LoA	-8,88099807	0,028	0,298
CHR6	9890968	CHR6:9890968	SSF x LoA	-8,59770797	-0,083	0,315
CHR6	9895221	CHR6:9895221	SSF x LoA	-7,77242656	-0,081	0,315
CHR6	9897676	CHR6:9897676	SSF x LoA	-8,6167835	-0,049	0,306
CHR6	9916633	CHR6:9916633	SSF x LoA	-7,90705873	0,031	0,317
CHR6	9919247	CHR6:9919247	SSF x LoA	-9,68675179	0,027	0,307
CHR6	9919307	CHR6:9919307	SSF x LoA	-7,46297064	0,098	0,316
CHR6	9924541	CHR6:9924541	SSF x LoA	-10,1841394	-0,042	0,308
CHR6	9924543	CHR6:9924543	SSF x LoA	-6,35368669	-0,076	0,314
CHR6	9924687	CHR6:9924687	SSF x LoA	-5,05878863	0,207	0,301
CHR6	9928289	CHR6:9928289	SSF x LoA	-8,20149791	0,048	0,311
CHR6	9928304	CHR6:9928304	SSF x LoA	-5,80097122	-0,179	0,310
CHR6	9940204	CHR6:9940204	SSF x LoA	-7,29739666	-0,065	0,315
CHR6	9942896	CHR6:9942896	SSF x LoA	-7,17733119	0,091	0,304
CHR6	9942986	CHR6:9942986	SSF x LoA	-9,09285611	-0,160	0,323
CHR6	9943844	CHR6:9943844	SSF x LoA	-8,81448074	-0,109	0,316
CHR6	9944629	CHR6:9944629	SSF x LoA	-9,04849213	-0,011	0,302
CHR6	9950071	CHR6:9950071	SSF x LoA	-11,2577995	-0,115	0,305
CHR6	9950114	CHR6:9950114	SSF x LoA	-11,419353	-0,109	0,299
CHR6	9950177	CHR6:9950177	SSF x LoA	-9,19418626	-0,096	0,310
CHR6	9954809	CHR6:9954809	SSF x LoA	-10,1263732	-0,028	0,315
CHR6	9955332	CHR6:9955332	SSF x LoA	-8,04263388	-0,016	0,315
CHR6	9957587	CHR6:9957587	SSF x LoA	-10,5488961	-0,035	0,314
CHR6	9957669	CHR6:9957669	SSF x LoA	-10,9960281	-0,014	0,295
CHR6	9957826	CHR6:9957826	SSF x LoA	-7,42019314	-0,055	0,315
CHR6	9970249	CHR6:9970249	SSF x LoA	-6,58015184	-0,083	0,312
CHR6	9970250	CHR6:9970250	SSF x LoA	-10,2419779	-0,032	0,316
CHR6	9976454	CHR6:9976454	SSF x LoA	-8,08822055	-0,112	0,296
CHR6	9977882	CHR6:9977882	SSF x LoA	-10,7727251	-0,041	0,318
CHR6	9977917	CHR6:9977917	SSF x LoA	-10,8990565	-0,025	0,303

CHR6	9980905	CHR6:9980905	SSF x LoA	-7,32165251	0,084	0,312
CHR6	9980958	CHR6:9980958	SSF x LoA	-7,16363531	0,126	0,310
CHR6	9981012	CHR6:9981012	SSF x LoA	-8,82955097	-0,033	0,304
CHR7	1E+07	CHR7:10011557	SSF x LoA	-6,6602372	-0,139	0,296
CHR7	1E+07	CHR7:10026802	SSF x LoA	-6,10005204	-0,040	0,317
CHR7	1E+07	CHR7:10026895	SSF x LoA	-8,03706127	0,087	0,309
CHR7	1E+07	CHR7:10026915	SSF x LoA	-8,24604485	0,074	0,300
CHR7	1E+07	CHR7:10029325	SSF x LoA	-9,58919582	-0,074	0,301
CHR7	1E+07	CHR7:10029404	SSF x LoA	-11,871479	-0,033	0,315
CHR7	1E+07	CHR7:10030540	SSF x LoA	-11,6585516	0,089	0,300
CHR7	1E+07	CHR7:10031022	SSF x LoA	-8,7892672	-0,119	0,305
CHR7	1E+07	CHR7:10031056	SSF x LoA	-10,4784723	0,061	0,321
CHR7	1E+07	CHR7:10031124	SSF x LoA	-7,30132766	-0,121	0,299
CHR7	1E+07	CHR7:10033166	SSF x LoA	-9,43194193	0,023	0,323
CHR7	1E+07	CHR7:10033181	SSF x LoA	-10,651569	0,097	0,292
CHR7	1E+07	CHR7:10033289	SSF x LoA	-9,36477461	0,051	0,308
CHR7	1E+07	CHR7:10052640	SSF x LoA	-9,01776954	-0,042	0,294
CHR7	1E+07	CHR7:10052679	SSF x LoA	-8,91627474	0,037	0,291
CHR7	1E+07	CHR7:10052682	SSF x LoA	-10,8898143	-0,036	0,309
CHR7	1E+07	CHR7:10052718	SSF x LoA	-9,7041454	0,037	0,309
CHR7	1E+07	CHR7:10052858	SSF x LoA	-9,9311522	0,051	0,309
CHR7	1E+07	CHR7:10054353	SSF x LoA	-7,72999132	-0,155	0,304
CHR7	1E+07	CHR7:10054401	SSF x LoA	-9,0538658	-0,100	0,302
CHR7	1E+07	CHR7:10054448	SSF x LoA	-8,81224537	0,017	0,315
CHR7	1E+07	CHR7:10055886	SSF x LoA	-11,8854473	0,062	0,302
CHR7	1E+07	CHR7:10055912	SSF x LoA	-8,69681228	0,098	0,307
CHR7	1005666	CHR7:1005666	SSF x LoA	-2,97717871	-0,118	0,291
CHR7	1E+07	CHR7:10057013	SSF x LoA	-10,2682842	-0,090	0,309
CHR7	1005716	CHR7:1005716	SSF x LoA	-7,54597191	-0,026	0,303
CHR7	1005720	CHR7:1005720	SSF x LoA	-9,47866762	0,070	0,309
CHR7	1005775	CHR7:1005775	SSF x LoA	-10,0618322	-0,051	0,299
CHR7	1E+07	CHR7:10060992	SSF x LoA	-11,3003509	0,009	0,313
CHR7	1E+07	CHR7:10061029	SSF x LoA	-11,2729868	0,007	0,312
CHR7	1E+07	CHR7:10061105	SSF x LoA	-9,56824655	0,122	0,317
CHR7	1E+07	CHR7:10061111	SSF x LoA	-10,3248725	0,098	0,306
CHR7	1E+07	CHR7:10061117	SSF x LoA	-11,5552892	0,002	0,311
CHR7	1E+07	CHR7:10068281	SSF x LoA	-6,39121018	-0,138	0,295
CHR7	1E+07	CHR7:10071363	SSF x LoA	-10,0545956	-0,030	0,311
CHR7	1E+07	CHR7:10071391	SSF x LoA	-9,90251347	-0,039	0,307
CHR7	1E+07	CHR7:10071515	SSF x LoA	-10,8943562	0,048	0,305
CHR7	1E+07	CHR7:10071522	SSF x LoA	-10,3155495	-0,039	0,315
CHR7	1E+07	CHR7:10071544	SSF x LoA	-11,1525807	0,005	0,313
CHR7	1E+07	CHR7:10071574	SSF x LoA	-9,97054809	-0,039	0,313
CHR7	1E+07	CHR7:10071592	SSF x LoA	-11,9417258	-0,013	0,292
CHR7	1E+07	CHR7:10073372	SSF x LoA	-5,85685104	0,146	0,289
CHR7	1E+07	CHR7:10073532	SSF x LoA	-7,0955333	0,168	0,299
CHR7	1E+07	CHR7:10075053	SSF x LoA	-10,0212069	0,058	0,314
CHR7	1E+07	CHR7:10079656	SSF x LoA	-9,03427859	0,072	0,312
CHR7	1E+07	CHR7:10081140	SSF x LoA	-8,05171848	-0,120	0,302
CHR7	1E+07	CHR7:10081749	SSF x LoA	-8,15337496	0,107	0,300
CHR7	1E+07	CHR7:10081863	SSF x LoA	-10,1340618	0,082	0,293
CHR7	1E+07	CHR7:10086381	SSF x LoA	-8,85271526	0,022	0,305
CHR7	1E+07	CHR7:10086396	SSF x LoA	-7,18897275	0,134	0,316

CHR7	1E+07	CHR7:10086544	SSF x LoA	-7,77048765	0,067	0,303
CHR7	1E+07	CHR7:10086552	SSF x LoA	-8,06862485	0,164	0,289
CHR7	1E+07	CHR7:10086585	SSF x LoA	-9,96088507	-0,086	0,290
CHR7	1E+07	CHR7:10090811	SSF x LoA	-10,499734	0,113	0,317
CHR7	1E+07	CHR7:10090874	SSF x LoA	-7,38012658	0,068	0,316
CHR7	1E+07	CHR7:10090883	SSF x LoA	-8,59804559	0,066	0,313
CHR7	1E+07	CHR7:10090904	SSF x LoA	-8,2911241	0,039	0,307
CHR7	1E+07	CHR7:10090967	SSF x LoA	-8,48581731	-0,069	0,304
CHR7	1E+07	CHR7:10090976	SSF x LoA	-10,4081344	0,059	0,294
CHR7	1E+07	CHR7:10091001	SSF x LoA	-11,78924	-0,041	0,292
CHR7	1E+07	CHR7:10091021	SSF x LoA	-6,05566936	0,198	0,290
CHR7	1E+07	CHR7:10091031	SSF x LoA	-6,59208634	0,182	0,303
CHR7	1E+07	CHR7:10091059	SSF x LoA	-10,7127538	-0,052	0,303
CHR7	1E+07	CHR7:10091064	SSF x LoA	-7,64715434	0,167	0,316
CHR7	1E+07	CHR7:10099456	SSF x LoA	-11,4623018	0,020	0,299
CHR7	1E+07	CHR7:10100119	SSF x LoA	-8,1742636	-0,023	0,327
CHR7	1010103	CHR7:1010103	SSF x LoA	-10,9472368	0,028	0,307
CHR7	1010116	CHR7:1010116	SSF x LoA	-11,230641	-0,080	0,305
CHR7	1E+07	CHR7:10101331	SSF x LoA	-7,57661369	0,027	0,316
CHR7	1E+07	CHR7:10101359	SSF x LoA	-7,74567891	-0,126	0,296
CHR7	1E+07	CHR7:10101370	SSF x LoA	-10,8619234	-0,076	0,304
CHR7	1E+07	CHR7:10101383	SSF x LoA	-6,82090332	-0,121	0,295
CHR7	1010184	CHR7:1010184	SSF x LoA	-10,5736294	-0,002	0,307
CHR7	1E+07	CHR7:10113832	SSF x LoA	-8,27268858	-0,072	0,298
CHR7	1E+07	CHR7:10114060	SSF x LoA	-9,11759991	-0,122	0,294
CHR7	1E+07	CHR7:10116902	SSF x LoA	-9,16757873	-0,093	0,299
CHR7	1E+07	CHR7:10117245	SSF x LoA	-8,48590479	-0,096	0,311
CHR7	1E+07	CHR7:10117249	SSF x LoA	-8,23721818	0,047	0,320
CHR7	1E+07	CHR7:10117278	SSF x LoA	-7,09205595	0,114	0,314
CHR7	1E+07	CHR7:10117287	SSF x LoA	-6,23345097	0,099	0,311
CHR7	1E+07	CHR7:10117298	SSF x LoA	-9,39583676	0,056	0,298
CHR7	1E+07	CHR7:10117299	SSF x LoA	-9,50764669	0,085	0,311
CHR7	1E+07	CHR7:10117323	SSF x LoA	-8,54253862	-0,018	0,319
CHR7	1E+07	CHR7:10121278	SSF x LoA	-9,02582876	-0,082	0,298
CHR7	1E+07	CHR7:10121301	SSF x LoA	-8,16201638	-0,047	0,314
CHR7	1E+07	CHR7:10121315	SSF x LoA	-8,21505304	0,055	0,317
CHR7	1E+07	CHR7:10121330	SSF x LoA	-7,17671569	-0,063	0,316
CHR7	1E+07	CHR7:10121365	SSF x LoA	-10,7706227	-0,008	0,308
CHR7	1E+07	CHR7:10121393	SSF x LoA	-8,76668521	0,032	0,312
CHR7	1E+07	CHR7:10121423	SSF x LoA	-10,1631993	0,046	0,313
CHR7	1E+07	CHR7:10121430	SSF x LoA	-9,81733042	-0,110	0,298
CHR7	1E+07	CHR7:10121514	SSF x LoA	-9,71788243	-0,004	0,306
CHR7	1E+07	CHR7:10121543	SSF x LoA	-10,5046539	-0,115	0,299
CHR7	1E+07	CHR7:10121545	SSF x LoA	-12,3644673	0,017	0,309
CHR7	1E+07	CHR7:10123016	SSF x LoA	-11,4515788	0,062	0,309
CHR7	1E+07	CHR7:10134349	SSF x LoA	-7,33829134	0,063	0,302
CHR7	1E+07	CHR7:10134405	SSF x LoA	-10,303163	-0,050	0,321
CHR7	1E+07	CHR7:10134435	SSF x LoA	-9,00671285	-0,076	0,309
CHR7	1E+07	CHR7:10134440	SSF x LoA	-9,90306334	-0,022	0,313
CHR7	1E+07	CHR7:10134475	SSF x LoA	-10,2258238	0,031	0,325
CHR7	1E+07	CHR7:10138847	SSF x LoA	-8,325856	-0,078	0,298
CHR7	1E+07	CHR7:10138863	SSF x LoA	-7,87824075	-0,076	0,296
CHR7	1E+07	CHR7:10138989	SSF x LoA	-8,36683486	0,038	0,313

CHR7	1E+07	CHR7:10145120	SSF x LoA	-7,04834574	0,055	0,302
CHR7	1E+07	CHR7:10163258	SSF x LoA	-10,6354911	-0,013	0,308
CHR7	1E+07	CHR7:10163270	SSF x LoA	-8,81338408	-0,004	0,309
CHR7	1E+07	CHR7:10163499	SSF x LoA	-9,24139256	-0,001	0,297
CHR7	1E+07	CHR7:10170898	SSF x LoA	-8,24072586	0,079	0,303
CHR7	1E+07	CHR7:10170946	SSF x LoA	-7,77178464	-0,012	0,317
CHR7	1E+07	CHR7:10170987	SSF x LoA	-7,50783474	-0,129	0,321
CHR7	1E+07	CHR7:10171118	SSF x LoA	-8,98642648	-0,116	0,307
CHR7	101779	CHR7:101779	SSF x LoA	-8,90881092	-0,072	0,296
CHR7	1E+07	CHR7:10182614	SSF x LoA	-9,82794433	-0,049	0,306
CHR7	1E+07	CHR7:10182618	SSF x LoA	-9,49063044	-0,012	0,314
CHR7	1E+07	CHR7:10182640	SSF x LoA	-7,99595417	0,024	0,308
CHR7	1E+07	CHR7:10187216	SSF x LoA	-8,32372559	0,099	0,317
CHR7	1E+07	CHR7:10187223	SSF x LoA	-11,3898995	-0,051	0,296
CHR7	1E+07	CHR7:10187266	SSF x LoA	-9,24369258	0,001	0,307
CHR7	1E+07	CHR7:10189340	SSF x LoA	-8,45987055	0,037	0,287
CHR7	1E+07	CHR7:10193350	SSF x LoA	-8,9780777	-0,028	0,303
CHR7	1E+07	CHR7:10193494	SSF x LoA	2,97518052	0,064	0,303
CHR7	1E+07	CHR7:10199053	SSF x LoA	-9,26029772	0,006	0,309
CHR7	1E+07	CHR7:10199059	SSF x LoA	-4,91809769	0,059	0,310
CHR7	1E+07	CHR7:10199079	SSF x LoA	-8,37453424	-0,098	0,290
CHR7	1E+07	CHR7:10219323	SSF x LoA	-6,89053487	-0,121	0,308
CHR7	1E+07	CHR7:10226880	SSF x LoA	-10,914183	0,000	0,298
CHR7	1E+07	CHR7:10226881	SSF x LoA	-10,6597682	-0,033	0,305
CHR7	1E+07	CHR7:10226885	SSF x LoA	-9,5700611	-0,052	0,297
CHR7	1E+07	CHR7:10226886	SSF x LoA	-6,40912618	-0,040	0,315
CHR7	1E+07	CHR7:10227268	SSF x LoA	-10,6198289	-0,044	0,311
CHR7	1E+07	CHR7:10227302	SSF x LoA	-8,74683802	-0,030	0,301
CHR7	1E+07	CHR7:10227309	SSF x LoA	-7,6176798	-0,005	0,308
CHR7	1E+07	CHR7:10227318	SSF x LoA	-8,81951862	-0,012	0,314
CHR7	1E+07	CHR7:10227327	SSF x LoA	-10,7621142	0,000	0,284
CHR7	1E+07	CHR7:10227350	SSF x LoA	-9,7244875	-0,049	0,296
CHR7	1E+07	CHR7:10227363	SSF x LoA	-10,0436771	0,010	0,313
CHR7	1E+07	CHR7:10227364	SSF x LoA	-2,53087103	0,071	0,320
CHR7	1E+07	CHR7:10227368	SSF x LoA	-10,1469873	-0,001	0,315
CHR7	1E+07	CHR7:10229089	SSF x LoA	-10,2088454	-0,062	0,300
CHR7	1E+07	CHR7:10232536	SSF x LoA	-7,43156058	0,070	0,309
CHR7	1E+07	CHR7:10232633	SSF x LoA	-8,32224142	-0,004	0,304
CHR7	1E+07	CHR7:10232754	SSF x LoA	-8,39239641	-0,004	0,295
CHR7	1E+07	CHR7:10232759	SSF x LoA	-10,5017067	0,100	0,316
CHR7	1023322	CHR7:1023322	SSF x LoA	-6,51348994	-0,072	0,312
CHR7	1023337	CHR7:1023337	SSF x LoA	-11,1468645	0,074	0,310
CHR7	1023377	CHR7:1023377	SSF x LoA	-9,42171743	0,082	0,317
CHR7	1023397	CHR7:1023397	SSF x LoA	-10,8595172	0,055	0,302
CHR7	1023413	CHR7:1023413	SSF x LoA	-9,22512127	-0,018	0,305
CHR7	1023431	CHR7:1023431	SSF x LoA	-9,44414603	-0,009	0,310
CHR7	1E+07	CHR7:10247493	SSF x LoA	-8,12201937	-0,035	0,307
CHR7	1E+07	CHR7:10247502	SSF x LoA	-8,27373849	0,102	0,301
CHR7	1E+07	CHR7:10247516	SSF x LoA	-8,20659567	0,064	0,314
CHR7	1E+07	CHR7:10247546	SSF x LoA	-7,1027661	0,042	0,324
CHR7	1E+07	CHR7:10247559	SSF x LoA	-10,6254017	-0,003	0,308
CHR7	1E+07	CHR7:10247568	SSF x LoA	-9,02950636	-0,037	0,311
CHR7	1E+07	CHR7:10247578	SSF x LoA	-6,38727932	0,042	0,319

CHR7	1E+07	CHR7:10247600	SSF x LoA	-10,4671632	0,088	0,317
CHR7	1E+07	CHR7:10247617	SSF x LoA	-9,59228065	0,063	0,293
CHR7	1E+07	CHR7:10252234	SSF x LoA	-9,21811672	-0,056	0,315
CHR7	1E+07	CHR7:10252279	SSF x LoA	-6,66587178	0,130	0,301
CHR7	1E+07	CHR7:10257992	SSF x LoA	-9,15844706	0,091	0,308
CHR7	1E+07	CHR7:10258055	SSF x LoA	-9,91854849	0,015	0,302
CHR7	1E+07	CHR7:10275492	SSF x LoA	-9,34217024	-0,020	0,305
CHR7	1E+07	CHR7:10280055	SSF x LoA	-8,69805773	0,085	0,310
CHR7	1E+07	CHR7:10280061	SSF x LoA	-7,89621089	0,077	0,308
CHR7	1E+07	CHR7:10280077	SSF x LoA	-9,9693746	0,056	0,328
CHR7	1E+07	CHR7:10280080	SSF x LoA	-8,16305515	0,015	0,322
CHR7	1E+07	CHR7:10280095	SSF x LoA	-8,57260603	-0,076	0,301
CHR7	1E+07	CHR7:10280137	SSF x LoA	-10,3736587	-0,004	0,297
CHR7	1E+07	CHR7:10280156	SSF x LoA	-10,3765631	-0,005	0,296
CHR7	1E+07	CHR7:10280912	SSF x LoA	-9,3322021	0,067	0,317
CHR7	1E+07	CHR7:10280941	SSF x LoA	-10,3390161	-0,073	0,310
CHR7	1E+07	CHR7:10280973	SSF x LoA	-8,32637733	-0,071	0,321
CHR7	1E+07	CHR7:10283748	SSF x LoA	-10,6361202	0,111	0,304
CHR7	1E+07	CHR7:10283787	SSF x LoA	-9,90110064	0,013	0,305
CHR7	1E+07	CHR7:10285566	SSF x LoA	-6,97979918	-0,090	0,305
CHR7	1E+07	CHR7:10285619	SSF x LoA	-11,7190386	0,068	0,303
CHR7	1E+07	CHR7:10285766	SSF x LoA	-8,74990162	0,025	0,304
CHR7	1E+07	CHR7:10291771	SSF x LoA	-9,13099341	-0,001	0,313
CHR7	1E+07	CHR7:10291940	SSF x LoA	-6,34394426	-0,134	0,306
CHR7	1E+07	CHR7:10291969	SSF x LoA	-9,65797273	0,021	0,308
CHR7	1E+07	CHR7:10294767	SSF x LoA	-9,5417937	-0,026	0,305
CHR7	1E+07	CHR7:10294872	SSF x LoA	-10,375786	-0,041	0,312
CHR7	1E+07	CHR7:10297783	SSF x LoA	-9,09719756	-0,086	0,310
CHR7	1E+07	CHR7:10297977	SSF x LoA	-7,38950182	0,121	0,302
CHR7	1E+07	CHR7:10311320	SSF x LoA	-8,17462333	0,032	0,304
CHR7	1E+07	CHR7:10311325	SSF x LoA	-10,0014751	0,041	0,299
CHR7	1E+07	CHR7:10311390	SSF x LoA	-7,02138143	-0,095	0,305
CHR7	1E+07	CHR7:10311401	SSF x LoA	-9,21157562	-0,059	0,311
CHR7	1E+07	CHR7:10311416	SSF x LoA	-11,0559292	0,008	0,300
CHR7	1E+07	CHR7:10311427	SSF x LoA	-9,85988114	-0,042	0,305
CHR7	1E+07	CHR7:10311428	SSF x LoA	-11,2953387	-0,017	0,303
CHR7	1E+07	CHR7:10311439	SSF x LoA	-8,84319182	-0,021	0,307
CHR7	1E+07	CHR7:10311454	SSF x LoA	-8,49012514	0,030	0,313
CHR7	1E+07	CHR7:10314551	SSF x LoA	-9,69614207	0,102	0,304
CHR7	1E+07	CHR7:10314634	SSF x LoA	-10,4707216	0,138	0,289
CHR7	1E+07	CHR7:10314694	SSF x LoA	-9,83989737	0,007	0,314
CHR7	1E+07	CHR7:10314734	SSF x LoA	-4,76203289	-0,168	0,304
CHR7	1E+07	CHR7:10328936	SSF x LoA	-8,75537943	0,046	0,298
CHR7	1E+07	CHR7:10329119	SSF x LoA	-10,6697444	-0,022	0,308
CHR7	1E+07	CHR7:10329123	SSF x LoA	-8,18526625	-0,063	0,302
CHR7	1033587	CHR7:1033587	SSF x LoA	-9,04909516	-0,017	0,313
CHR7	1E+07	CHR7:10338444	SSF x LoA	-8,89102397	0,104	0,299
CHR7	1E+07	CHR7:10338621	SSF x LoA	-8,69053468	0,100	0,305
CHR7	1E+07	CHR7:10339846	SSF x LoA	-10,8819187	0,051	0,304
CHR7	1E+07	CHR7:10339924	SSF x LoA	-8,67140025	0,054	0,290
CHR7	1E+07	CHR7:10341575	SSF x LoA	-12,1255161	-0,010	0,306
CHR7	1E+07	CHR7:10341717	SSF x LoA	-11,1877661	0,027	0,309
CHR7	1E+07	CHR7:10341752	SSF x LoA	-9,49973087	0,061	0,308

CHR7	1E+07	CHR7:10354958	SSF x LoA	-6,94117276	0,083	0,301
CHR7	1E+07	CHR7:10354980	SSF x LoA	-8,36881372	-0,091	0,313
CHR7	1E+07	CHR7:10355002	SSF x LoA	-7,87616394	0,047	0,320
CHR7	1E+07	CHR7:10355003	SSF x LoA	-7,43324592	0,043	0,309
CHR7	1E+07	CHR7:10355019	SSF x LoA	-9,23748132	-0,081	0,309
CHR7	1E+07	CHR7:10355033	SSF x LoA	-9,81884122	-0,041	0,305
CHR7	1E+07	CHR7:10359992	SSF x LoA	-8,02989375	0,130	0,299
CHR7	1E+07	CHR7:10360052	SSF x LoA	-7,71899292	-0,062	0,297
CHR7	1E+07	CHR7:10360265	SSF x LoA	-6,44720418	0,111	0,315
CHR7	1E+07	CHR7:10379660	SSF x LoA	-9,39972029	0,022	0,316
CHR7	1E+07	CHR7:10379736	SSF x LoA	-11,431352	0,006	0,305
CHR7	1E+07	CHR7:10379771	SSF x LoA	-10,5980695	-0,015	0,306
CHR7	1038026	CHR7:1038026	SSF x LoA	-5,87492136	0,188	0,304
CHR7	1038144	CHR7:1038144	SSF x LoA	-4,12498713	0,105	0,305
CHR7	1038146	CHR7:1038146	SSF x LoA	-8,74567142	0,079	0,309
CHR7	1038173	CHR7:1038173	SSF x LoA	-4,9616481	0,068	0,323
CHR7	1038203	CHR7:1038203	SSF x LoA	-9,20529318	0,110	0,296
CHR7	1E+07	CHR7:10387247	SSF x LoA	-8,73499759	-0,011	0,299
CHR7	1E+07	CHR7:10387267	SSF x LoA	-10,5895707	0,049	0,305
CHR7	1E+07	CHR7:10389462	SSF x LoA	-10,9108782	0,055	0,312
CHR7	1E+07	CHR7:10390717	SSF x LoA	-11,477232	-0,020	0,299
CHR7	1E+07	CHR7:10390827	SSF x LoA	-5,86755217	-0,066	0,304
CHR7	1E+07	CHR7:10390849	SSF x LoA	-9,46952006	-0,082	0,311
CHR7	1E+07	CHR7:10390875	SSF x LoA	-9,76311811	-0,003	0,300
CHR7	1E+07	CHR7:10390907	SSF x LoA	-9,1679718	-0,140	0,298
CHR7	1E+07	CHR7:10393546	SSF x LoA	-8,44008674	0,004	0,305
CHR7	1E+07	CHR7:10393578	SSF x LoA	-9,1979271	0,012	0,307
CHR7	1E+07	CHR7:10393638	SSF x LoA	-10,3012072	-0,013	0,316
CHR7	1E+07	CHR7:10395411	SSF x LoA	8,84853148	0,085	0,300
CHR7	1E+07	CHR7:10406591	SSF x LoA	-8,3231147	0,025	0,312
CHR7	1E+07	CHR7:10409431	SSF x LoA	-9,85745825	-0,061	0,302
CHR7	1E+07	CHR7:10409512	SSF x LoA	-9,64184559	0,011	0,301
CHR7	1E+07	CHR7:10409520	SSF x LoA	-7,86004393	0,009	0,316
CHR7	1E+07	CHR7:10416817	SSF x LoA	-11,0422857	-0,078	0,307
CHR7	1E+07	CHR7:10416837	SSF x LoA	-9,27106543	0,005	0,304
CHR7	1E+07	CHR7:10416843	SSF x LoA	-6,7858015	0,076	0,308
CHR7	1E+07	CHR7:10416847	SSF x LoA	-8,40637938	0,037	0,305
CHR7	1E+07	CHR7:10421964	SSF x LoA	-11,3025873	-0,018	0,310
CHR7	1E+07	CHR7:10431260	SSF x LoA	-9,05587206	-0,076	0,309
CHR7	1E+07	CHR7:10431272	SSF x LoA	-9,51426481	-0,062	0,312
CHR7	1E+07	CHR7:10436234	SSF x LoA	-8,96003043	-0,075	0,296
CHR7	1E+07	CHR7:10438552	SSF x LoA	-8,0515468	0,051	0,313
CHR7	1E+07	CHR7:10438570	SSF x LoA	-9,93602858	-0,048	0,311
CHR7	1E+07	CHR7:10438578	SSF x LoA	-11,0677554	-0,012	0,306
CHR7	1E+07	CHR7:10438608	SSF x LoA	-6,98572647	-0,001	0,318
CHR7	1E+07	CHR7:10438627	SSF x LoA	-11,546656	0,028	0,301
CHR7	1E+07	CHR7:10438706	SSF x LoA	-9,17527404	-0,071	0,301
CHR7	1E+07	CHR7:10438712	SSF x LoA	-9,26187985	-0,014	0,302
CHR7	1E+07	CHR7:10438732	SSF x LoA	-9,51929709	0,067	0,309
CHR7	1E+07	CHR7:10438756	SSF x LoA	-11,0399834	0,052	0,302
CHR7	1E+07	CHR7:10460793	SSF x LoA	-9,30938614	-0,065	0,297
CHR7	1E+07	CHR7:10460872	SSF x LoA	-10,4895691	0,008	0,307
CHR7	1E+07	CHR7:10460876	SSF x LoA	-10,5523726	0,090	0,307

CHR7	1E+07	CHR7:10460907	SSF x LoA	-9,3242754	0,016	0,299
CHR7	1E+07	CHR7:10467700	SSF x LoA	-4,82300184	-0,209	0,294
CHR7	1E+07	CHR7:10467705	SSF x LoA	-5,15355108	0,157	0,306
CHR7	1E+07	CHR7:10467707	SSF x LoA	-6,32737739	0,149	0,310
CHR7	1E+07	CHR7:10467872	SSF x LoA	-8,58413346	0,010	0,318
CHR7	1E+07	CHR7:10467962	SSF x LoA	-5,50488265	0,050	0,300
CHR7	1E+07	CHR7:10482788	SSF x LoA	-10,1355784	0,072	0,307
CHR7	1E+07	CHR7:10482844	SSF x LoA	-11,3866393	-0,006	0,308
CHR7	1E+07	CHR7:10483391	SSF x LoA	-8,2742813	0,140	0,309
CHR7	1E+07	CHR7:10483463	SSF x LoA	-8,6487619	0,050	0,307
CHR7	1E+07	CHR7:10483466	SSF x LoA	-10,949016	0,050	0,295
CHR7	1048639	CHR7:1048639	SSF x LoA	-10,7801246	-0,030	0,315
CHR7	1048832	CHR7:1048832	SSF x LoA	-10,7263758	-0,020	0,305
CHR7	1048896	CHR7:1048896	SSF x LoA	-7,33371646	0,025	0,319
CHR7	1E+07	CHR7:10491423	SSF x LoA	-9,71835917	-0,059	0,308
CHR7	1E+07	CHR7:10491753	SSF x LoA	-9,58125195	-0,010	0,307
CHR7	1E+07	CHR7:10498503	SSF x LoA	-9,89317503	0,018	0,313
CHR7	1E+07	CHR7:10498557	SSF x LoA	-9,62438933	-0,014	0,304
CHR7	10500512	CHR7:10500512	SSF x LoA	-9,93525281	0,056	0,306
CHR7	10500513	CHR7:10500513	SSF x LoA	-9,89035543	0,036	0,323
CHR7	10500593	CHR7:10500593	SSF x LoA	-8,7916589	-0,004	0,319
CHR7	10500621	CHR7:10500621	SSF x LoA	-7,10173111	-0,150	0,297
CHR7	10507417	CHR7:10507417	SSF x LoA	-7,49321347	0,156	0,306
CHR7	10507571	CHR7:10507571	SSF x LoA	-7,34339987	-0,151	0,311
CHR7	10507937	CHR7:10507937	SSF x LoA	-7,27747966	-0,140	0,293
CHR7	10512045	CHR7:10512045	SSF x LoA	-9,98496569	0,036	0,305
CHR7	10512084	CHR7:10512084	SSF x LoA	-10,7310318	-0,008	0,300
CHR7	10512101	CHR7:10512101	SSF x LoA	-8,75889899	0,026	0,319
CHR7	10514356	CHR7:10514356	SSF x LoA	-0,90149375	0,014	0,310
CHR7	10514380	CHR7:10514380	SSF x LoA	-11,5772569	0,002	0,317
CHR7	10514411	CHR7:10514411	SSF x LoA	-10,0670268	0,010	0,304
CHR7	10514471	CHR7:10514471	SSF x LoA	-10,1684188	-0,055	0,307
CHR7	10514548	CHR7:10514548	SSF x LoA	-10,1970825	-0,093	0,305
CHR7	10514577	CHR7:10514577	SSF x LoA	-9,78680224	-0,121	0,292
CHR7	10520380	CHR7:10520380	SSF x LoA	-8,37595644	-0,026	0,309
CHR7	10520433	CHR7:10520433	SSF x LoA	-5,49180003	0,018	0,301
CHR7	10520477	CHR7:10520477	SSF x LoA	-8,77637235	-0,046	0,292
CHR7	10520497	CHR7:10520497	SSF x LoA	-9,5550642	0,047	0,305
CHR7	10520525	CHR7:10520525	SSF x LoA	-7,5586025	0,040	0,306
CHR7	1053984	CHR7:1053984	SSF x LoA	-5,92456787	-0,023	0,299
CHR7	1054009	CHR7:1054009	SSF x LoA	-6,19100986	-0,092	0,300
CHR7	1054124	CHR7:1054124	SSF x LoA	-9,43778398	0,070	0,290
CHR7	1054147	CHR7:1054147	SSF x LoA	-9,37150854	0,051	0,311
CHR7	1054157	CHR7:1054157	SSF x LoA	-1,43582561	-0,052	0,302
CHR7	10550509	CHR7:10550509	SSF x LoA	-9,60448818	-0,022	0,306
CHR7	10550594	CHR7:10550594	SSF x LoA	-10,1123918	-0,095	0,300
CHR7	10550629	CHR7:10550629	SSF x LoA	-9,64428867	-0,104	0,290
CHR7	10553134	CHR7:10553134	SSF x LoA	-9,16208871	-0,013	0,324
CHR7	10553731	CHR7:10553731	SSF x LoA	-7,76385152	0,036	0,329
CHR7	10553751	CHR7:10553751	SSF x LoA	-3,97513161	-0,237	0,304
CHR7	10553824	CHR7:10553824	SSF x LoA	-8,73965048	-0,002	0,310
CHR7	10558127	CHR7:10558127	SSF x LoA	-11,0141294	-0,070	0,311
CHR7	10558144	CHR7:10558144	SSF x LoA	-8,08659954	-0,008	0,308

CHR7	10558240	CHR7:10558240	SSF x LoA	-7,8878358	0,050	0,292
CHR7	10558241	CHR7:10558241	SSF x LoA	-9,63731375	-0,061	0,309
CHR7	10574276	CHR7:10574276	SSF x LoA	-11,1265402	-0,103	0,301
CHR7	10577211	CHR7:10577211	SSF x LoA	-8,43945311	-0,121	0,309
CHR7	10577339	CHR7:10577339	SSF x LoA	-2,99933453	-0,188	0,292
CHR7	10587733	CHR7:10587733	SSF x LoA	-8,35354365	0,007	0,306
CHR7	10592520	CHR7:10592520	SSF x LoA	-10,7651301	0,016	0,291
CHR7	1059572	CHR7:1059572	SSF x LoA	-11,9150899	0,068	0,295
CHR7	10599069	CHR7:10599069	SSF x LoA	-7,0084286	0,137	0,319
CHR7	10599194	CHR7:10599194	SSF x LoA	-10,7242064	-0,055	0,311
CHR7	10600309	CHR7:10600309	SSF x LoA	-8,34920132	-0,033	0,307
CHR7	10600362	CHR7:10600362	SSF x LoA	-10,3658442	-0,079	0,304
CHR7	10600367	CHR7:10600367	SSF x LoA	-10,3913469	-0,085	0,305
CHR7	10600423	CHR7:10600423	SSF x LoA	-10,949798	0,084	0,303
CHR7	10616543	CHR7:10616543	SSF x LoA	-11,5617268	0,029	0,302
CHR7	10616567	CHR7:10616567	SSF x LoA	-8,9712653	0,006	0,318
CHR7	10616596	CHR7:10616596	SSF x LoA	-10,4323868	-0,067	0,310
CHR7	10623297	CHR7:10623297	SSF x LoA	-9,95685047	0,024	0,315
CHR7	10623362	CHR7:10623362	SSF x LoA	-10,5869786	0,020	0,300
CHR7	10638032	CHR7:10638032	SSF x LoA	-10,7066359	-0,007	0,302
CHR7	10638213	CHR7:10638213	SSF x LoA	-7,84782273	-0,091	0,304
CHR7	10639166	CHR7:10639166	SSF x LoA	-6,67641802	-0,080	0,303
CHR7	10649404	CHR7:10649404	SSF x LoA	-11,8120826	0,026	0,316
CHR7	10654143	CHR7:10654143	SSF x LoA	-10,5643822	-0,007	0,311
CHR7	10654207	CHR7:10654207	SSF x LoA	-8,02748745	-0,153	0,287
CHR7	10654522	CHR7:10654522	SSF x LoA	-9,97720274	-0,021	0,320
CHR7	10656600	CHR7:10656600	SSF x LoA	-10,2830081	-0,004	0,302
CHR7	10656762	CHR7:10656762	SSF x LoA	-9,4685192	-0,021	0,293
CHR7	10656771	CHR7:10656771	SSF x LoA	-9,37950368	-0,026	0,297
CHR7	10656783	CHR7:10656783	SSF x LoA	-8,22496762	-0,021	0,306
CHR7	10656795	CHR7:10656795	SSF x LoA	-10,2998016	-0,045	0,295
CHR7	10656822	CHR7:10656822	SSF x LoA	-8,28627766	-0,048	0,314
CHR7	10656824	CHR7:10656824	SSF x LoA	-10,4908529	0,012	0,317
CHR7	1065763	CHR7:1065763	SSF x LoA	-11,6291825	-0,033	0,300
CHR7	10673320	CHR7:10673320	SSF x LoA	-8,50075655	0,114	0,310
CHR7	10673420	CHR7:10673420	SSF x LoA	-11,4650598	0,004	0,303
CHR7	10673495	CHR7:10673495	SSF x LoA	-11,371948	-0,056	0,316
CHR7	10675581	CHR7:10675581	SSF x LoA	-9,46483642	0,027	0,305
CHR7	10679558	CHR7:10679558	SSF x LoA	-8,15067649	0,039	0,319
CHR7	10679564	CHR7:10679564	SSF x LoA	-9,03883273	0,032	0,316
CHR7	10679583	CHR7:10679583	SSF x LoA	-9,20952542	0,039	0,298
CHR7	10679612	CHR7:10679612	SSF x LoA	-11,0641927	-0,039	0,315
CHR7	10679631	CHR7:10679631	SSF x LoA	-5,98117744	0,099	0,302
CHR7	10679669	CHR7:10679669	SSF x LoA	-9,69451809	0,034	0,304
CHR7	10679674	CHR7:10679674	SSF x LoA	-9,85356963	0,031	0,309
CHR7	1068340	CHR7:1068340	SSF x LoA	-7,87314355	-0,104	0,297
CHR7	1068341	CHR7:1068341	SSF x LoA	-9,63087795	-0,018	0,299
CHR7	1068405	CHR7:1068405	SSF x LoA	-9,51272432	-0,075	0,292
CHR7	10684089	CHR7:10684089	SSF x LoA	-7,6894995	0,084	0,304
CHR7	10686396	CHR7:10686396	SSF x LoA	-8,19912564	-0,057	0,312
CHR7	10686420	CHR7:10686420	SSF x LoA	-8,34055509	0,102	0,298
CHR7	10686438	CHR7:10686438	SSF x LoA	-10,8166588	0,036	0,311
CHR7	10687386	CHR7:10687386	SSF x LoA	-10,6238209	-0,075	0,298

CHR7	1068772	CHR7:1068772	SSF x LoA	-8,71553868	0,146	0,296
CHR7	1068789	CHR7:1068789	SSF x LoA	-11,3139578	0,094	0,297
CHR7	1068790	CHR7:1068790	SSF x LoA	-10,5422086	0,083	0,307
CHR7	10691285	CHR7:10691285	SSF x LoA	-8,3711421	-0,001	0,306
CHR7	10691366	CHR7:10691366	SSF x LoA	-9,28589372	0,111	0,296
CHR7	10691833	CHR7:10691833	SSF x LoA	-10,4020038	-0,021	0,292
CHR7	10704289	CHR7:10704289	SSF x LoA	-9,49574556	0,057	0,298
CHR7	10704316	CHR7:10704316	SSF x LoA	-5,41666807	-0,088	0,315
CHR7	10704327	CHR7:10704327	SSF x LoA	-9,78266417	-0,060	0,288
CHR7	10704343	CHR7:10704343	SSF x LoA	-8,3511849	-0,079	0,304
CHR7	10704357	CHR7:10704357	SSF x LoA	-7,21600542	-0,057	0,309
CHR7	10704409	CHR7:10704409	SSF x LoA	-11,1156784	-0,129	0,301
CHR7	10704484	CHR7:10704484	SSF x LoA	-9,25806297	0,049	0,323
CHR7	10704536	CHR7:10704536	SSF x LoA	-9,3294998	0,074	0,305
CHR7	10707841	CHR7:10707841	SSF x LoA	-8,12832594	0,102	0,302
CHR7	10707950	CHR7:10707950	SSF x LoA	-7,43731877	-0,011	0,300
CHR7	10707963	CHR7:10707963	SSF x LoA	-10,8763574	0,009	0,311
CHR7	10709326	CHR7:10709326	SSF x LoA	-7,50682579	0,113	0,312
CHR7	10723924	CHR7:10723924	SSF x LoA	-7,59699772	-0,161	0,298
CHR7	10733836	CHR7:10733836	SSF x LoA	-8,35031612	0,068	0,303
CHR7	10739459	CHR7:10739459	SSF x LoA	-4,623862	-0,153	0,292
CHR7	10739486	CHR7:10739486	SSF x LoA	-11,6711474	-0,061	0,300
CHR7	1074637	CHR7:1074637	SSF x LoA	-12,3414478	-0,014	0,300
CHR7	1074642	CHR7:1074642	SSF x LoA	-11,0871828	0,013	0,307
CHR7	1074654	CHR7:1074654	SSF x LoA	-10,721738	0,019	0,314
CHR7	1074689	CHR7:1074689	SSF x LoA	-12,950876	0,008	0,305
CHR7	1074694	CHR7:1074694	SSF x LoA	-11,6561765	0,002	0,311
CHR7	10747803	CHR7:10747803	SSF x LoA	-9,00841138	0,032	0,307
CHR7	10747840	CHR7:10747840	SSF x LoA	-7,0598041	0,088	0,308
CHR7	1074796	CHR7:1074796	SSF x LoA	-7,53210694	0,016	0,298
CHR7	1074809	CHR7:1074809	SSF x LoA	-8,63749006	0,062	0,301
CHR7	1074814	CHR7:1074814	SSF x LoA	-3,3188371	-0,062	0,296
CHR7	1074815	CHR7:1074815	SSF x LoA	-9,84178781	-0,032	0,311
CHR7	1074854	CHR7:1074854	SSF x LoA	-7,67230666	0,106	0,301
CHR7	10766328	CHR7:10766328	SSF x LoA	-10,6751681	0,158	0,295
CHR7	10766412	CHR7:10766412	SSF x LoA	-10,2841858	0,061	0,306
CHR7	10766477	CHR7:10766477	SSF x LoA	-9,18701025	-0,074	0,304
CHR7	10766534	CHR7:10766534	SSF x LoA	-8,813736	-0,108	0,302
CHR7	10766601	CHR7:10766601	SSF x LoA	-9,33065086	0,117	0,302
CHR7	10770648	CHR7:10770648	SSF x LoA	-7,97205885	-0,021	0,306
CHR7	10770652	CHR7:10770652	SSF x LoA	-9,98970182	-0,041	0,303
CHR7	10770837	CHR7:10770837	SSF x LoA	-8,63408206	-0,059	0,304
CHR7	10773858	CHR7:10773858	SSF x LoA	-10,1364675	-0,127	0,289
CHR7	10778121	CHR7:10778121	SSF x LoA	-8,33622497	0,034	0,304
CHR7	10778133	CHR7:10778133	SSF x LoA	-1,53839651	0,203	0,292
CHR7	10778213	CHR7:10778213	SSF x LoA	-12,4174684	0,062	0,287
CHR7	10778251	CHR7:10778251	SSF x LoA	-11,4953526	-0,003	0,309
CHR7	10778297	CHR7:10778297	SSF x LoA	-9,71988594	-0,045	0,299
CHR7	10780064	CHR7:10780064	SSF x LoA	-8,79601514	-0,025	0,309
CHR7	10780077	CHR7:10780077	SSF x LoA	-9,80913642	-0,002	0,300
CHR7	10780083	CHR7:10780083	SSF x LoA	-8,56820282	-0,006	0,308
CHR7	10790713	CHR7:10790713	SSF x LoA	-9,6395959	0,051	0,293
CHR7	10790726	CHR7:10790726	SSF x LoA	-8,59997515	0,057	0,313

CHR7	10797252	CHR7:10797252	SSF x LoA	-9,36266973	-0,072	0,306
CHR7	10809480	CHR7:10809480	SSF x LoA	-4,36204367	0,099	0,314
CHR7	10815363	CHR7:10815363	SSF x LoA	-10,3468034	0,118	0,314
CHR7	10815368	CHR7:10815368	SSF x LoA	-9,25578722	0,031	0,308
CHR7	10818561	CHR7:10818561	SSF x LoA	-9,95120225	-0,037	0,310
CHR7	10818654	CHR7:10818654	SSF x LoA	-7,84650498	-0,125	0,300
CHR7	10831896	CHR7:10831896	SSF x LoA	-7,4252975	0,073	0,322
CHR7	10832097	CHR7:10832097	SSF x LoA	-9,92039352	-0,013	0,310
CHR7	10843672	CHR7:10843672	SSF x LoA	-10,6163881	-0,063	0,299
CHR7	10843680	CHR7:10843680	SSF x LoA	-8,10319992	-0,081	0,301
CHR7	10843699	CHR7:10843699	SSF x LoA	-8,84311472	0,025	0,305
CHR7	10843915	CHR7:10843915	SSF x LoA	-3,83036108	-0,042	0,308
CHR7	10843941	CHR7:10843941	SSF x LoA	-8,72922912	0,054	0,317
CHR7	10852782	CHR7:10852782	SSF x LoA	-7,6123095	-0,144	0,299
CHR7	1085739	CHR7:1085739	SSF x LoA	-8,12880053	-0,051	0,305
CHR7	1085741	CHR7:1085741	SSF x LoA	-9,08558682	0,008	0,302
CHR7	1085742	CHR7:1085742	SSF x LoA	5,87147848	0,077	0,312
CHR7	1085804	CHR7:1085804	SSF x LoA	-10,7702609	0,042	0,306
CHR7	1085805	CHR7:1085805	SSF x LoA	-10,9915425	0,030	0,323
CHR7	1085814	CHR7:1085814	SSF x LoA	-8,93158576	-0,030	0,322
CHR7	10858370	CHR7:10858370	SSF x LoA	-9,30902485	-0,006	0,309
CHR7	10859428	CHR7:10859428	SSF x LoA	-7,81128929	-0,014	0,306
CHR7	10859431	CHR7:10859431	SSF x LoA	-7,11028378	-0,070	0,314
CHR7	10859457	CHR7:10859457	SSF x LoA	-12,1103438	-0,007	0,313
CHR7	10859541	CHR7:10859541	SSF x LoA	-8,30542049	0,064	0,317
CHR7	10870173	CHR7:10870173	SSF x LoA	-10,2749403	0,059	0,316
CHR7	10870329	CHR7:10870329	SSF x LoA	-11,1634863	-0,145	0,300
CHR7	10882623	CHR7:10882623	SSF x LoA	-11,9386601	-0,012	0,305
CHR7	10882629	CHR7:10882629	SSF x LoA	-9,14190409	-0,005	0,311
CHR7	10882678	CHR7:10882678	SSF x LoA	-9,34282877	-0,150	0,301
CHR7	10882683	CHR7:10882683	SSF x LoA	-7,02281777	-0,185	0,307
CHR7	10882868	CHR7:10882868	SSF x LoA	-9,43627777	-0,083	0,311
CHR7	10883804	CHR7:10883804	SSF x LoA	4,55143589	0,180	0,308
CHR7	10883819	CHR7:10883819	SSF x LoA	-10,9868749	0,106	0,298
CHR7	10883863	CHR7:10883863	SSF x LoA	-7,18818773	0,151	0,303
CHR7	10883872	CHR7:10883872	SSF x LoA	-8,33400676	-0,060	0,313
CHR7	10884216	CHR7:10884216	SSF x LoA	-8,67764947	0,083	0,302
CHR7	10903752	CHR7:10903752	SSF x LoA	-8,58447843	-0,065	0,307
CHR7	10903833	CHR7:10903833	SSF x LoA	-10,5177223	0,076	0,308
CHR7	10903942	CHR7:10903942	SSF x LoA	-11,3449214	0,060	0,300
CHR7	10903959	CHR7:10903959	SSF x LoA	-11,494035	-0,006	0,302
CHR7	10911014	CHR7:10911014	SSF x LoA	-7,82426419	-0,110	0,303
CHR7	10911050	CHR7:10911050	SSF x LoA	-10,9174282	-0,058	0,300
CHR7	10911090	CHR7:10911090	SSF x LoA	-11,5143567	0,082	0,293
CHR7	10911122	CHR7:10911122	SSF x LoA	-8,88219759	-0,084	0,304
CHR7	10911146	CHR7:10911146	SSF x LoA	-5,75390595	-0,158	0,305
CHR7	10911180	CHR7:10911180	SSF x LoA	-6,48522271	0,114	0,315
CHR7	10911183	CHR7:10911183	SSF x LoA	-11,1703707	0,046	0,306
CHR7	10921911	CHR7:10921911	SSF x LoA	-10,9226647	-0,012	0,301
CHR7	10921999	CHR7:10921999	SSF x LoA	-10,5011635	-0,007	0,309
CHR7	10922165	CHR7:10922165	SSF x LoA	-9,42788861	0,146	0,295
CHR7	10922202	CHR7:10922202	SSF x LoA	-9,72807043	-0,047	0,303
CHR7	10935370	CHR7:10935370	SSF x LoA	-7,54363232	0,133	0,301

CHR7	10953038	CHR7:10953038	SSF x LoA	-11,0673849	-0,025	0,319
CHR7	10953043	CHR7:10953043	SSF x LoA	-12,2391592	-0,111	0,290
CHR7	10953061	CHR7:10953061	SSF x LoA	-10,2598882	0,070	0,302
CHR7	10953085	CHR7:10953085	SSF x LoA	-7,19486333	-0,144	0,304
CHR7	10955447	CHR7:10955447	SSF x LoA	-10,2536648	0,011	0,300
CHR7	10956617	CHR7:10956617	SSF x LoA	-10,7592661	-0,067	0,295
CHR7	10956636	CHR7:10956636	SSF x LoA	-9,54893987	-0,007	0,314
CHR7	10956639	CHR7:10956639	SSF x LoA	-11,0579386	-0,085	0,309
CHR7	10956644	CHR7:10956644	SSF x LoA	-10,3010754	0,094	0,320
CHR7	10956683	CHR7:10956683	SSF x LoA	-3,8227997	0,078	0,313
CHR7	10956695	CHR7:10956695	SSF x LoA	-8,42771133	0,007	0,314
CHR7	10956799	CHR7:10956799	SSF x LoA	-11,8700511	-0,065	0,310
CHR7	10956820	CHR7:10956820	SSF x LoA	-6,75359254	0,111	0,303
CHR7	10956823	CHR7:10956823	SSF x LoA	-11,6743929	0,114	0,294
CHR7	10956825	CHR7:10956825	SSF x LoA	-7,4470188	-0,115	0,299
CHR7	10956874	CHR7:10956874	SSF x LoA	-8,28912396	-0,066	0,306
CHR7	10956877	CHR7:10956877	SSF x LoA	-10,604707	0,111	0,292
CHR7	10963682	CHR7:10963682	SSF x LoA	-7,44613073	-0,172	0,302
CHR7	10963683	CHR7:10963683	SSF x LoA	-5,16959689	-0,178	0,304
CHR7	10963723	CHR7:10963723	SSF x LoA	-2,02893878	-0,191	0,301
CHR7	10963786	CHR7:10963786	SSF x LoA	1,53085644	0,034	0,296
CHR7	10974509	CHR7:10974509	SSF x LoA	-6,76901168	0,048	0,315
CHR7	10974510	CHR7:10974510	SSF x LoA	-11,3496733	0,048	0,295
CHR7	10974532	CHR7:10974532	SSF x LoA	-0,95903838	0,066	0,289
CHR7	10974546	CHR7:10974546	SSF x LoA	-10,7570634	0,046	0,287
CHR7	10974579	CHR7:10974579	SSF x LoA	-10,5035221	-0,010	0,309
CHR7	10974594	CHR7:10974594	SSF x LoA	-10,3623397	-0,003	0,303
CHR7	10977885	CHR7:10977885	SSF x LoA	-7,86190208	-0,028	0,303
CHR7	10977890	CHR7:10977890	SSF x LoA	-8,43528454	-0,040	0,309
CHR7	11003401	CHR7:11003401	SSF x LoA	-11,4922807	-0,030	0,305
CHR7	11015694	CHR7:11015694	SSF x LoA	-6,44929211	-0,104	0,319
CHR7	11033897	CHR7:11033897	SSF x LoA	-11,5110652	0,018	0,314
CHR7	11033962	CHR7:11033962	SSF x LoA	-8,68467043	0,016	0,286
CHR7	11039235	CHR7:11039235	SSF x LoA	-8,02882811	0,005	0,311
CHR7	11039275	CHR7:11039275	SSF x LoA	-8,27766889	-0,024	0,314
CHR7	11039325	CHR7:11039325	SSF x LoA	-9,33079109	0,113	0,299
CHR7	11039444	CHR7:11039444	SSF x LoA	-10,8557108	-0,087	0,292
CHR7	11039477	CHR7:11039477	SSF x LoA	-9,49817027	0,112	0,299
CHR7	11042097	CHR7:11042097	SSF x LoA	-8,0893817	-0,027	0,317
CHR7	11043292	CHR7:11043292	SSF x LoA	-9,3777628	-0,039	0,317
CHR7	11043312	CHR7:11043312	SSF x LoA	-8,99740929	0,080	0,285
CHR7	11043317	CHR7:11043317	SSF x LoA	-7,85077121	0,087	0,296
CHR7	11043318	CHR7:11043318	SSF x LoA	-9,11359216	0,009	0,306
CHR7	11043405	CHR7:11043405	SSF x LoA	-9,51300441	0,016	0,291
CHR7	11043484	CHR7:11043484	SSF x LoA	-9,46216718	-0,073	0,301
CHR7	11049553	CHR7:11049553	SSF x LoA	-10,7492363	0,054	0,300
CHR7	11051024	CHR7:11051024	SSF x LoA	-9,83682087	0,040	0,306
CHR7	11051183	CHR7:11051183	SSF x LoA	-9,93581651	-0,075	0,313
CHR7	11051206	CHR7:11051206	SSF x LoA	-10,9301774	-0,068	0,316
CHR7	1105997	CHR7:1105997	SSF x LoA	-8,88472958	0,095	0,293
CHR7	1106018	CHR7:1106018	SSF x LoA	0,22574596	0,184	0,304
CHR7	1106038	CHR7:1106038	SSF x LoA	-10,487083	-0,060	0,312
CHR7	11066204	CHR7:11066204	SSF x LoA	-5,66347009	0,049	0,304

CHR7	1107118	CHR7:1107118	SSF x LoA	-9,26258875	-0,021	0,301
CHR7	11077663	CHR7:11077663	SSF x LoA	-7,46702816	-0,028	0,314
CHR7	11078634	CHR7:11078634	SSF x LoA	-4,34782695	0,028	0,320
CHR7	1108184	CHR7:1108184	SSF x LoA	-8,76606001	0,042	0,307
CHR7	11102988	CHR7:11102988	SSF x LoA	-8,93008503	0,008	0,316
CHR7	11110362	CHR7:11110362	SSF x LoA	-9,27370454	0,072	0,304
CHR7	11138504	CHR7:11138504	SSF x LoA	-8,0800253	0,025	0,291
CHR7	11138544	CHR7:11138544	SSF x LoA	-10,1652112	0,035	0,306
CHR7	11138630	CHR7:11138630	SSF x LoA	-9,71680988	-0,028	0,319
CHR7	11138737	CHR7:11138737	SSF x LoA	-3,15728937	0,123	0,312
CHR7	11138742	CHR7:11138742	SSF x LoA	-9,86218575	-0,008	0,309
CHR7	1114616	CHR7:1114616	SSF x LoA	-8,94596009	-0,007	0,301
CHR7	1114679	CHR7:1114679	SSF x LoA	-9,42804253	0,027	0,323
CHR7	1114797	CHR7:1114797	SSF x LoA	-8,29617709	0,055	0,278
CHR7	11154571	CHR7:11154571	SSF x LoA	-9,92800159	0,008	0,305
CHR7	11154784	CHR7:11154784	SSF x LoA	-10,1693713	-0,007	0,291
CHR7	11154797	CHR7:11154797	SSF x LoA	-9,09604979	-0,036	0,310
CHR7	11154830	CHR7:11154830	SSF x LoA	4,22194765	-0,058	0,308
CHR7	11154846	CHR7:11154846	SSF x LoA	-8,61838287	-0,075	0,308
CHR7	11167756	CHR7:11167756	SSF x LoA	-10,1904918	-0,072	0,308
CHR7	11167858	CHR7:11167858	SSF x LoA	-10,0135394	0,015	0,309
CHR7	11175382	CHR7:11175382	SSF x LoA	-10,996276	0,030	0,294
CHR7	11175386	CHR7:11175386	SSF x LoA	-9,3655156	-0,005	0,309
CHR7	11177335	CHR7:11177335	SSF x LoA	-10,2979039	0,091	0,296
CHR7	11177350	CHR7:11177350	SSF x LoA	-9,74446977	-0,105	0,301
CHR7	11179519	CHR7:11179519	SSF x LoA	-9,28128388	0,024	0,307
CHR7	11179538	CHR7:11179538	SSF x LoA	-9,39502401	0,057	0,297
CHR7	11179708	CHR7:11179708	SSF x LoA	-8,65508353	-0,026	0,312
CHR7	11179726	CHR7:11179726	SSF x LoA	-9,28364279	0,008	0,300
CHR7	11179743	CHR7:11179743	SSF x LoA	-8,44671316	-0,033	0,301
CHR7	1118213	CHR7:1118213	SSF x LoA	-8,53947578	0,106	0,299
CHR7	1118223	CHR7:1118223	SSF x LoA	-9,66410641	0,084	0,295
CHR7	11185131	CHR7:11185131	SSF x LoA	-11,3106386	-0,029	0,320
CHR7	11193477	CHR7:11193477	SSF x LoA	-9,1696242	0,069	0,301
CHR7	11193498	CHR7:11193498	SSF x LoA	-8,76791585	0,051	0,303
CHR7	11194610	CHR7:11194610	SSF x LoA	-7,99474664	-0,101	0,283
CHR7	11194635	CHR7:11194635	SSF x LoA	-9,6555948	0,091	0,305
CHR7	1120572	CHR7:1120572	SSF x LoA	-0,13235012	-0,128	0,312
CHR7	11206425	CHR7:11206425	SSF x LoA	-4,21061472	0,057	0,311
CHR7	11212745	CHR7:11212745	SSF x LoA	-8,86406928	-0,154	0,305
CHR7	11212776	CHR7:11212776	SSF x LoA	-9,19499626	0,070	0,308
CHR7	11212814	CHR7:11212814	SSF x LoA	-9,28413103	0,045	0,306
CHR7	11219848	CHR7:11219848	SSF x LoA	-6,61661386	0,030	0,320
CHR7	11219854	CHR7:11219854	SSF x LoA	-9,47659496	0,104	0,293
CHR7	11219904	CHR7:11219904	SSF x LoA	-9,17752904	-0,023	0,304
CHR7	11221946	CHR7:11221946	SSF x LoA	-9,1794709	0,057	0,290
CHR7	11223790	CHR7:11223790	SSF x LoA	-9,98028059	-0,030	0,302
CHR7	11227138	CHR7:11227138	SSF x LoA	-9,17663002	0,050	0,309
CHR7	11227169	CHR7:11227169	SSF x LoA	-6,54387423	-0,162	0,293
CHR7	11227172	CHR7:11227172	SSF x LoA	-8,80214922	-0,041	0,297
CHR7	11227175	CHR7:11227175	SSF x LoA	-8,92668804	-0,031	0,300
CHR7	11227195	CHR7:11227195	SSF x LoA	-6,57223046	-0,155	0,303
CHR7	11227212	CHR7:11227212	SSF x LoA	-10,426779	0,017	0,318

CHR7	11228205	CHR7:11228205	SSF x LoA	-6,52350913	0,067	0,301
CHR7	11228288	CHR7:11228288	SSF x LoA	-10,3433263	-0,020	0,319
CHR7	11237683	CHR7:11237683	SSF x LoA	-7,11583189	0,082	0,314
CHR7	11241211	CHR7:11241211	SSF x LoA	-7,97214036	-0,064	0,305
CHR7	11241216	CHR7:11241216	SSF x LoA	-8,56075715	-0,039	0,305
CHR7	11272375	CHR7:11272375	SSF x LoA	-10,0838954	-0,142	0,297
CHR7	11272443	CHR7:11272443	SSF x LoA	-8,87234328	-0,109	0,302
CHR7	11281685	CHR7:11281685	SSF x LoA	-11,2609869	0,008	0,296
CHR7	11281687	CHR7:11281687	SSF x LoA	-3,78036836	0,150	0,301
CHR7	11286242	CHR7:11286242	SSF x LoA	-11,1714727	0,015	0,311
CHR7	11299620	CHR7:11299620	SSF x LoA	-11,1154667	-0,056	0,299
CHR7	11309296	CHR7:11309296	SSF x LoA	-11,3906804	0,069	0,301
CHR7	11309341	CHR7:11309341	SSF x LoA	-8,35110278	-0,032	0,317
CHR7	11309366	CHR7:11309366	SSF x LoA	-6,20648643	-0,020	0,307
CHR7	11309368	CHR7:11309368	SSF x LoA	4,73424367	0,042	0,291
CHR7	11309399	CHR7:11309399	SSF x LoA	-9,73208093	0,021	0,309
CHR7	11310107	CHR7:11310107	SSF x LoA	-10,2802757	0,009	0,317
CHR7	11310120	CHR7:11310120	SSF x LoA	-10,652458	-0,030	0,302
CHR7	11315330	CHR7:11315330	SSF x LoA	-6,94514076	0,142	0,305
CHR7	11315464	CHR7:11315464	SSF x LoA	-10,7540737	-0,031	0,313
CHR7	11318145	CHR7:11318145	SSF x LoA	-12,2112979	0,002	0,303
CHR7	11318158	CHR7:11318158	SSF x LoA	-9,91331505	0,026	0,313
CHR7	11318259	CHR7:11318259	SSF x LoA	-10,3122144	0,093	0,313
CHR7	11318357	CHR7:11318357	SSF x LoA	-10,1496021	0,107	0,299
CHR7	11325059	CHR7:11325059	SSF x LoA	-10,4689545	-0,028	0,307
CHR7	11325083	CHR7:11325083	SSF x LoA	-9,81444035	-0,018	0,309
CHR7	11325246	CHR7:11325246	SSF x LoA	-10,9339521	0,081	0,312
CHR7	11329487	CHR7:11329487	SSF x LoA	-10,564399	-0,008	0,309
CHR7	11329570	CHR7:11329570	SSF x LoA	-8,92095588	0,018	0,310
CHR7	11329727	CHR7:11329727	SSF x LoA	-10,39959	0,034	0,302
CHR7	11331850	CHR7:11331850	SSF x LoA	-9,98756096	0,018	0,327
CHR7	11331878	CHR7:11331878	SSF x LoA	-10,4019796	0,037	0,303
CHR7	11331888	CHR7:11331888	SSF x LoA	-9,82796311	0,107	0,300
CHR7	11332005	CHR7:11332005	SSF x LoA	-6,6642772	0,171	0,297
CHR7	11332060	CHR7:11332060	SSF x LoA	-6,6230659	-0,003	0,307
CHR7	11332087	CHR7:11332087	SSF x LoA	-8,3267867	-0,102	0,299
CHR7	11337968	CHR7:11337968	SSF x LoA	-11,8049396	-0,022	0,297
CHR7	11338108	CHR7:11338108	SSF x LoA	-11,4919426	0,022	0,305
CHR7	1133915	CHR7:1133915	SSF x LoA	-8,89731696	-0,080	0,304
CHR7	1133918	CHR7:1133918	SSF x LoA	-8,68993963	-0,088	0,309
CHR7	1133925	CHR7:1133925	SSF x LoA	-9,47825115	-0,019	0,317
CHR7	1133930	CHR7:1133930	SSF x LoA	-7,0095929	-0,151	0,304
CHR7	1133931	CHR7:1133931	SSF x LoA	-9,53755302	-0,032	0,308
CHR7	1133935	CHR7:1133935	SSF x LoA	-9,45882124	-0,013	0,306
CHR7	1134103	CHR7:1134103	SSF x LoA	-5,53897679	0,219	0,292
CHR7	11344770	CHR7:11344770	SSF x LoA	-9,82573221	0,107	0,300
CHR7	11344784	CHR7:11344784	SSF x LoA	-9,25282012	0,138	0,302
CHR7	11344805	CHR7:11344805	SSF x LoA	-7,87698311	0,042	0,299
CHR7	11344895	CHR7:11344895	SSF x LoA	-9,29204175	-0,088	0,314
CHR7	11355511	CHR7:11355511	SSF x LoA	-10,1773593	0,057	0,309
CHR7	11366772	CHR7:11366772	SSF x LoA	-8,55139727	0,069	0,296
CHR7	11366790	CHR7:11366790	SSF x LoA	-9,42218247	-0,090	0,311
CHR7	11369611	CHR7:11369611	SSF x LoA	-10,0426392	-0,086	0,314

CHR7	11369624	CHR7:11369624	SSF x LoA	-9,63517022	-0,031	0,306
CHR7	11369631	CHR7:11369631	SSF x LoA	-11,8348539	-0,049	0,300
CHR7	11369688	CHR7:11369688	SSF x LoA	-11,7820832	0,028	0,301
CHR7	11382169	CHR7:11382169	SSF x LoA	-8,22438605	-0,026	0,308
CHR7	11382214	CHR7:11382214	SSF x LoA	-8,9352528	-0,050	0,313
CHR7	11382328	CHR7:11382328	SSF x LoA	-8,94735811	-0,066	0,295
CHR7	1138524	CHR7:1138524	SSF x LoA	-8,95107612	0,132	0,300
CHR7	11387130	CHR7:11387130	SSF x LoA	-11,6671058	-0,031	0,304
CHR7	11387158	CHR7:11387158	SSF x LoA	-5,6823376	0,154	0,309
CHR7	11406304	CHR7:11406304	SSF x LoA	-11,241155	-0,027	0,299
CHR7	11406331	CHR7:11406331	SSF x LoA	-7,95827683	0,117	0,311
CHR7	1140642	CHR7:1140642	SSF x LoA	-7,2541342	0,124	0,296
CHR7	1140864	CHR7:1140864	SSF x LoA	-11,2518153	0,031	0,307
CHR7	1140897	CHR7:1140897	SSF x LoA	-7,56059568	-0,167	0,304
CHR7	11418046	CHR7:11418046	SSF x LoA	-8,63893896	-0,104	0,314
CHR7	11418080	CHR7:11418080	SSF x LoA	-10,1409837	0,060	0,314
CHR7	11430268	CHR7:11430268	SSF x LoA	-6,17045152	-0,146	0,312
CHR7	11430515	CHR7:11430515	SSF x LoA	-10,9654767	0,118	0,310
CHR7	1143305	CHR7:1143305	SSF x LoA	-11,7763921	-0,099	0,302
CHR7	1143451	CHR7:1143451	SSF x LoA	-7,53375619	-0,113	0,306
CHR7	1143463	CHR7:1143463	SSF x LoA	-10,1688663	0,006	0,314
CHR7	11436384	CHR7:11436384	SSF x LoA	-9,44862137	0,049	0,309
CHR7	11436593	CHR7:11436593	SSF x LoA	-7,53911906	0,061	0,297
CHR7	11436632	CHR7:11436632	SSF x LoA	-8,57960749	0,178	0,285
CHR7	11436710	CHR7:11436710	SSF x LoA	-10,5410815	-0,008	0,306
CHR7	11439362	CHR7:11439362	SSF x LoA	-9,33360368	0,034	0,295
CHR7	11442562	CHR7:11442562	SSF x LoA	-9,4866964	0,014	0,313
CHR7	11443183	CHR7:11443183	SSF x LoA	-8,21181176	0,020	0,320
CHR7	11443210	CHR7:11443210	SSF x LoA	-11,1427941	0,058	0,317
CHR7	11477555	CHR7:11477555	SSF x LoA	-7,89133819	-0,083	0,316
CHR7	11477600	CHR7:11477600	SSF x LoA	-10,2687548	0,058	0,304
CHR7	11477635	CHR7:11477635	SSF x LoA	-9,14693603	0,008	0,300
CHR7	11477710	CHR7:11477710	SSF x LoA	-9,3281253	-0,010	0,306
CHR7	11477743	CHR7:11477743	SSF x LoA	-8,96457584	0,014	0,327
CHR7	11477770	CHR7:11477770	SSF x LoA	-7,15133828	-0,067	0,301
CHR7	11477792	CHR7:11477792	SSF x LoA	-5,86735877	-0,198	0,292
CHR7	11477822	CHR7:11477822	SSF x LoA	-7,72923874	-0,183	0,288
CHR7	11479464	CHR7:11479464	SSF x LoA	-7,45698203	-0,083	0,297
CHR7	11479501	CHR7:11479501	SSF x LoA	-3,73968659	0,001	0,298
CHR7	11479512	CHR7:11479512	SSF x LoA	-8,60689492	-0,033	0,312
CHR7	11479520	CHR7:11479520	SSF x LoA	-9,24580549	-0,012	0,301
CHR7	11479550	CHR7:11479550	SSF x LoA	-9,55126984	-0,023	0,294
CHR7	11479580	CHR7:11479580	SSF x LoA	-1,02252017	-0,001	0,294
CHR7	11479582	CHR7:11479582	SSF x LoA	-8,86810727	0,048	0,306
CHR7	11479586	CHR7:11479586	SSF x LoA	-8,93764332	-0,001	0,294
CHR7	11479587	CHR7:11479587	SSF x LoA	-6,74537705	0,018	0,300
CHR7	11479596	CHR7:11479596	SSF x LoA	-12,25395	-0,023	0,301
CHR7	11479631	CHR7:11479631	SSF x LoA	-10,7463568	-0,036	0,306
CHR7	11479654	CHR7:11479654	SSF x LoA	-7,97275226	0,068	0,316
CHR7	11479670	CHR7:11479670	SSF x LoA	-7,83248711	0,104	0,307
CHR7	11484723	CHR7:11484723	SSF x LoA	-7,843784	0,146	0,303
CHR7	11484724	CHR7:11484724	SSF x LoA	-9,03266229	0,032	0,315
CHR7	11484740	CHR7:11484740	SSF x LoA	-8,90157538	-0,111	0,304

CHR7	11484741	CHR7:11484741	SSF x LoA	-9,31227651	-0,101	0,301
CHR7	11484747	CHR7:11484747	SSF x LoA	-11,3029415	0,025	0,305
CHR7	11484782	CHR7:11484782	SSF x LoA	-6,75128113	0,133	0,303
CHR7	11484784	CHR7:11484784	SSF x LoA	-5,63165569	0,106	0,298
CHR7	11484801	CHR7:11484801	SSF x LoA	-8,80832363	-0,117	0,308
CHR7	11484831	CHR7:11484831	SSF x LoA	-9,60940526	0,133	0,313
CHR7	11484928	CHR7:11484928	SSF x LoA	-8,43199846	0,113	0,314
CHR7	11484947	CHR7:11484947	SSF x LoA	-8,16388736	-0,048	0,306
CHR7	11488159	CHR7:11488159	SSF x LoA	-11,0354983	-0,032	0,318
CHR7	11528579	CHR7:11528579	SSF x LoA	-9,72755442	-0,035	0,300
CHR7	11528637	CHR7:11528637	SSF x LoA	-9,32392881	-0,117	0,294
CHR7	11528644	CHR7:11528644	SSF x LoA	-11,0659424	-0,044	0,303
CHR7	11528660	CHR7:11528660	SSF x LoA	-8,06632886	-0,033	0,307
CHR7	11528742	CHR7:11528742	SSF x LoA	-10,9826846	-0,026	0,309
CHR7	11528757	CHR7:11528757	SSF x LoA	-10,4173397	-0,004	0,317
CHR7	11528762	CHR7:11528762	SSF x LoA	-11,6846646	-0,021	0,304
CHR7	11528789	CHR7:11528789	SSF x LoA	-8,85498562	0,107	0,311
CHR7	11529786	CHR7:11529786	SSF x LoA	-10,2108007	0,050	0,296
CHR7	11529814	CHR7:11529814	SSF x LoA	-11,0301772	0,006	0,311
CHR7	1154610	CHR7:1154610	SSF x LoA	-8,70574273	0,040	0,302
CHR7	1154735	CHR7:1154735	SSF x LoA	-8,54853275	-0,082	0,304
CHR7	1154736	CHR7:1154736	SSF x LoA	-9,49577585	-0,105	0,319
CHR7	1154797	CHR7:1154797	SSF x LoA	-8,20821183	-0,012	0,311
CHR7	1154818	CHR7:1154818	SSF x LoA	-7,22195606	-0,008	0,305
CHR7	11550637	CHR7:11550637	SSF x LoA	-10,310587	0,020	0,305
CHR7	11550894	CHR7:11550894	SSF x LoA	-9,74974382	-0,008	0,313
CHR7	11550956	CHR7:11550956	SSF x LoA	-7,59144563	-0,050	0,290
CHR7	11558288	CHR7:11558288	SSF x LoA	-9,14318354	-0,118	0,302
CHR7	11558295	CHR7:11558295	SSF x LoA	1,99663555	0,190	0,286
CHR7	11558369	CHR7:11558369	SSF x LoA	-7,22965917	-0,111	0,297
CHR7	11558373	CHR7:11558373	SSF x LoA	-8,99865434	-0,007	0,313
CHR7	11558376	CHR7:11558376	SSF x LoA	-6,64983567	-0,194	0,292
CHR7	11558380	CHR7:11558380	SSF x LoA	-10,8226477	0,080	0,306
CHR7	11558383	CHR7:11558383	SSF x LoA	-8,68307264	0,016	0,315
CHR7	11558414	CHR7:11558414	SSF x LoA	1,24206155	-0,126	0,297
CHR7	11568555	CHR7:11568555	SSF x LoA	-9,17210445	-0,054	0,299
CHR7	11574500	CHR7:11574500	SSF x LoA	-10,6498332	0,127	0,289
CHR7	11574507	CHR7:11574507	SSF x LoA	-8,81683674	0,117	0,302
CHR7	11574568	CHR7:11574568	SSF x LoA	-0,12990511	0,077	0,311
CHR7	11574739	CHR7:11574739	SSF x LoA	-10,4090427	0,136	0,311
CHR7	11582884	CHR7:11582884	SSF x LoA	-7,8391579	0,060	0,314
CHR7	11582995	CHR7:11582995	SSF x LoA	-8,79448189	-0,081	0,299
CHR7	11583090	CHR7:11583090	SSF x LoA	-10,7581346	-0,080	0,302
CHR7	11588662	CHR7:11588662	SSF x LoA	-7,85615165	-0,077	0,303
CHR7	11588742	CHR7:11588742	SSF x LoA	-9,0877376	0,073	0,296
CHR7	11591598	CHR7:11591598	SSF x LoA	-2,229623	0,034	0,312
CHR7	11591691	CHR7:11591691	SSF x LoA	-9,88531082	-0,006	0,308
CHR7	11591713	CHR7:11591713	SSF x LoA	-10,5667937	0,025	0,300
CHR7	11597422	CHR7:11597422	SSF x LoA	-8,92301396	-0,139	0,303
CHR7	11599141	CHR7:11599141	SSF x LoA	-9,99774554	0,021	0,304
CHR7	11599180	CHR7:11599180	SSF x LoA	-9,53869863	0,092	0,310
CHR7	1161539	CHR7:1161539	SSF x LoA	-5,25114425	-0,121	0,301
CHR7	1161644	CHR7:1161644	SSF x LoA	-0,25653599	0,078	0,312

CHR7	11623684	CHR7:11623684	SSF x LoA	-8,86446548	-0,052	0,311
CHR7	11632859	CHR7:11632859	SSF x LoA	-5,11646349	0,046	0,306
CHR7	11632860	CHR7:11632860	SSF x LoA	-9,14218097	-0,006	0,304
CHR7	11641940	CHR7:11641940	SSF x LoA	-7,75103248	-0,043	0,307
CHR7	11642148	CHR7:11642148	SSF x LoA	-10,7866862	0,073	0,305
CHR7	1165559	CHR7:1165559	SSF x LoA	-10,2266907	-0,131	0,302
CHR7	1165591	CHR7:1165591	SSF x LoA	-10,1322533	0,007	0,305
CHR7	1165597	CHR7:1165597	SSF x LoA	-2,35056456	0,074	0,326
CHR7	11663086	CHR7:11663086	SSF x LoA	-10,5413275	0,050	0,303
CHR7	11676185	CHR7:11676185	SSF x LoA	-9,26234191	-0,133	0,300
CHR7	11679354	CHR7:11679354	SSF x LoA	-8,13379204	-0,056	0,290
CHR7	11679364	CHR7:11679364	SSF x LoA	-10,5284774	-0,094	0,288
CHR7	11679368	CHR7:11679368	SSF x LoA	-8,75041995	-0,095	0,297
CHR7	11679516	CHR7:11679516	SSF x LoA	-8,06732422	0,005	0,306
CHR7	11679547	CHR7:11679547	SSF x LoA	-9,77434122	0,080	0,307
CHR7	11691879	CHR7:11691879	SSF x LoA	-9,16909524	-0,095	0,301
CHR7	11691999	CHR7:11691999	SSF x LoA	-10,7535438	-0,043	0,317
CHR7	11694089	CHR7:11694089	SSF x LoA	-12,0669247	-0,011	0,306
CHR7	11700635	CHR7:11700635	SSF x LoA	-8,85375232	0,047	0,311
CHR7	11700823	CHR7:11700823	SSF x LoA	-8,91854836	0,050	0,299
CHR7	11700838	CHR7:11700838	SSF x LoA	-8,99802464	-0,014	0,311
CHR7	11700881	CHR7:11700881	SSF x LoA	-5,9446218	0,138	0,297
CHR7	11700893	CHR7:11700893	SSF x LoA	-8,78012154	-0,088	0,325
CHR7	1170289	CHR7:1170289	SSF x LoA	-7,74657616	-0,122	0,303
CHR7	1170346	CHR7:1170346	SSF x LoA	-7,0980074	-0,048	0,302
CHR7	1170367	CHR7:1170367	SSF x LoA	-6,83646923	-0,151	0,294
CHR7	1170395	CHR7:1170395	SSF x LoA	-10,9324844	-0,014	0,306
CHR7	1170470	CHR7:1170470	SSF x LoA	-10,6101499	-0,034	0,309
CHR7	1170551	CHR7:1170551	SSF x LoA	-9,89471064	0,020	0,314
CHR7	11706967	CHR7:11706967	SSF x LoA	-7,44603421	-0,125	0,300
CHR7	11706968	CHR7:11706968	SSF x LoA	-5,4157817	-0,151	0,306
CHR7	11707003	CHR7:11707003	SSF x LoA	-11,3529425	0,016	0,312
CHR7	11720781	CHR7:11720781	SSF x LoA	-9,5054893	0,011	0,314
CHR7	11720818	CHR7:11720818	SSF x LoA	-9,98235465	-0,079	0,293
CHR7	11720833	CHR7:11720833	SSF x LoA	-9,05437318	0,022	0,313
CHR7	11720848	CHR7:11720848	SSF x LoA	-8,39960402	0,026	0,313
CHR7	11726878	CHR7:11726878	SSF x LoA	-9,18077442	0,022	0,312
CHR7	11751775	CHR7:11751775	SSF x LoA	-11,4629084	-0,010	0,310
CHR7	11752543	CHR7:11752543	SSF x LoA	-6,4328982	0,060	0,309
CHR7	11752561	CHR7:11752561	SSF x LoA	-11,6662349	-0,016	0,305
CHR7	11757326	CHR7:11757326	SSF x LoA	-11,351612	-0,023	0,305
CHR7	11763840	CHR7:11763840	SSF x LoA	-10,5546713	0,022	0,300
CHR7	11763904	CHR7:11763904	SSF x LoA	-9,29664613	0,099	0,302
CHR7	11763908	CHR7:11763908	SSF x LoA	-7,80910638	-0,096	0,309
CHR7	11763928	CHR7:11763928	SSF x LoA	-8,60663527	0,082	0,302
CHR7	11763930	CHR7:11763930	SSF x LoA	-9,48134536	-0,014	0,297
CHR7	11763946	CHR7:11763946	SSF x LoA	-10,515065	0,013	0,318
CHR7	11763977	CHR7:11763977	SSF x LoA	-9,71921945	-0,076	0,304
CHR7	11764000	CHR7:11764000	SSF x LoA	-10,9559053	-0,060	0,319
CHR7	11764016	CHR7:11764016	SSF x LoA	-10,8846434	0,005	0,324
CHR7	11770411	CHR7:11770411	SSF x LoA	-8,67899996	-0,006	0,300
CHR7	11770426	CHR7:11770426	SSF x LoA	-8,75619276	0,005	0,308
CHR7	11770488	CHR7:11770488	SSF x LoA	-11,9525547	0,044	0,296

CHR7	11770492	CHR7:11770492	SSF x LoA	-8,95347223	-0,049	0,313
CHR7	11770507	CHR7:11770507	SSF x LoA	-9,43274911	-0,023	0,317
CHR7	11770516	CHR7:11770516	SSF x LoA	-10,0243531	-0,023	0,308
CHR7	11771526	CHR7:11771526	SSF x LoA	-11,6589363	0,065	0,296
CHR7	11783058	CHR7:11783058	SSF x LoA	-10,0466413	0,080	0,308
CHR7	11783126	CHR7:11783126	SSF x LoA	-7,74723431	-0,033	0,321
CHR7	11783148	CHR7:11783148	SSF x LoA	-9,12803728	-0,010	0,305
CHR7	11783149	CHR7:11783149	SSF x LoA	-8,66872789	-0,003	0,297
CHR7	11783150	CHR7:11783150	SSF x LoA	-8,39531491	0,095	0,296
CHR7	11786696	CHR7:11786696	SSF x LoA	-10,7865884	0,004	0,303
CHR7	11786874	CHR7:11786874	SSF x LoA	-9,56492508	0,003	0,305
CHR7	11791393	CHR7:11791393	SSF x LoA	-10,7380249	-0,052	0,313
CHR7	11791545	CHR7:11791545	SSF x LoA	-10,1982136	-0,032	0,306
CHR7	11791553	CHR7:11791553	SSF x LoA	-10,163984	-0,043	0,309
CHR7	11791618	CHR7:11791618	SSF x LoA	-9,85161069	0,003	0,308
CHR7	11793072	CHR7:11793072	SSF x LoA	-10,9795298	-0,005	0,319
CHR7	11793115	CHR7:11793115	SSF x LoA	-8,2814936	-0,024	0,278
CHR7	11796050	CHR7:11796050	SSF x LoA	-7,39320334	-0,074	0,304
CHR7	11804521	CHR7:11804521	SSF x LoA	-7,25020132	-0,162	0,311
CHR7	11804533	CHR7:11804533	SSF x LoA	-8,4420523	-0,062	0,311
CHR7	11804534	CHR7:11804534	SSF x LoA	-8,03885636	-0,079	0,315
CHR7	11804578	CHR7:11804578	SSF x LoA	-8,70167365	0,034	0,306
CHR7	11815375	CHR7:11815375	SSF x LoA	-9,187037	-0,065	0,306
CHR7	11815419	CHR7:11815419	SSF x LoA	-9,6151478	-0,104	0,294
CHR7	11815527	CHR7:11815527	SSF x LoA	-7,11201864	0,152	0,293
CHR7	11818324	CHR7:11818324	SSF x LoA	-8,34655251	-0,186	0,300
CHR7	11818416	CHR7:11818416	SSF x LoA	-11,4202968	-0,042	0,320
CHR7	11821550	CHR7:11821550	SSF x LoA	-10,3232229	-0,025	0,311
CHR7	11822717	CHR7:11822717	SSF x LoA	-9,25465049	0,065	0,299
CHR7	11842720	CHR7:11842720	SSF x LoA	-11,6530125	-0,017	0,315
CHR7	11842926	CHR7:11842926	SSF x LoA	-9,47163061	0,041	0,307
CHR7	11842931	CHR7:11842931	SSF x LoA	-10,9555685	0,029	0,313
CHR7	11846342	CHR7:11846342	SSF x LoA	-8,41799195	0,011	0,316
CHR7	11846419	CHR7:11846419	SSF x LoA	-9,27884431	-0,065	0,292
CHR7	11846458	CHR7:11846458	SSF x LoA	-9,62661819	0,028	0,303
CHR7	11846461	CHR7:11846461	SSF x LoA	-9,98779439	-0,048	0,310
CHR7	11846481	CHR7:11846481	SSF x LoA	-6,74098277	0,090	0,302
CHR7	11846485	CHR7:11846485	SSF x LoA	-7,10298183	0,032	0,303
CHR7	11846533	CHR7:11846533	SSF x LoA	-8,93419751	-0,006	0,319
CHR7	11846543	CHR7:11846543	SSF x LoA	-7,90487018	0,012	0,313
CHR7	11846565	CHR7:11846565	SSF x LoA	-8,71676208	-0,036	0,311
CHR7	11854936	CHR7:11854936	SSF x LoA	0,37635995	0,088	0,323
CHR7	11854963	CHR7:11854963	SSF x LoA	-10,5478723	-0,113	0,290
CHR7	11855024	CHR7:11855024	SSF x LoA	-3,49739446	0,138	0,298
CHR7	11855087	CHR7:11855087	SSF x LoA	-9,84507179	0,050	0,316
CHR7	11856835	CHR7:11856835	SSF x LoA	-7,0306837	-0,056	0,304
CHR7	11865913	CHR7:11865913	SSF x LoA	-8,16455556	-0,079	0,306
CHR7	11865929	CHR7:11865929	SSF x LoA	-8,85459521	0,098	0,306
CHR7	11865970	CHR7:11865970	SSF x LoA	-8,10663412	-0,049	0,318
CHR7	11865971	CHR7:11865971	SSF x LoA	-11,0384888	0,071	0,306
CHR7	11865975	CHR7:11865975	SSF x LoA	-7,8242305	-0,064	0,305
CHR7	11904523	CHR7:11904523	SSF x LoA	-10,5920472	-0,023	0,319
CHR7	11904681	CHR7:11904681	SSF x LoA	-9,0550711	0,103	0,293

CHR7	11904682	CHR7:11904682	SSF x LoA	-9,08631693	0,056	0,312
CHR7	11904718	CHR7:11904718	SSF x LoA	-6,87654663	0,031	0,317
CHR7	11911436	CHR7:11911436	SSF x LoA	-11,5406352	-0,038	0,294
CHR7	11921414	CHR7:11921414	SSF x LoA	-3,07543515	-0,151	0,288
CHR7	11921415	CHR7:11921415	SSF x LoA	-10,8600421	-0,030	0,307
CHR7	11941840	CHR7:11941840	SSF x LoA	-8,13107219	-0,079	0,303
CHR7	11941853	CHR7:11941853	SSF x LoA	-6,36867709	0,083	0,306
CHR7	11941862	CHR7:11941862	SSF x LoA	-8,90028358	0,054	0,300
CHR7	11941931	CHR7:11941931	SSF x LoA	-8,26393933	-0,013	0,320
CHR7	11941968	CHR7:11941968	SSF x LoA	-4,80437608	-0,159	0,291
CHR7	11941982	CHR7:11941982	SSF x LoA	-5,63490856	0,141	0,305
CHR7	11945305	CHR7:11945305	SSF x LoA	-9,57800894	-0,007	0,309
CHR7	11946077	CHR7:11946077	SSF x LoA	-9,27260129	0,068	0,309
CHR7	11946264	CHR7:11946264	SSF x LoA	-5,28633334	0,191	0,285
CHR7	11951821	CHR7:11951821	SSF x LoA	-8,3666151	-0,064	0,319
CHR7	11952307	CHR7:11952307	SSF x LoA	-6,10496787	-0,029	0,330
CHR7	11953976	CHR7:11953976	SSF x LoA	-8,4424667	0,082	0,308
CHR7	11954005	CHR7:11954005	SSF x LoA	-9,19513164	0,096	0,302
CHR7	11954058	CHR7:11954058	SSF x LoA	-10,4685822	-0,092	0,295
CHR7	11954069	CHR7:11954069	SSF x LoA	-9,78335849	0,024	0,313
CHR7	11954070	CHR7:11954070	SSF x LoA	-9,9803931	0,027	0,315
CHR7	11954075	CHR7:11954075	SSF x LoA	-10,3641701	0,020	0,325
CHR7	11954080	CHR7:11954080	SSF x LoA	-8,54164193	-0,027	0,299
CHR7	11954090	CHR7:11954090	SSF x LoA	-7,12468728	0,013	0,295
CHR7	11954095	CHR7:11954095	SSF x LoA	-10,612571	-0,015	0,304
CHR7	11954104	CHR7:11954104	SSF x LoA	-9,10645525	-0,067	0,282
CHR7	11954136	CHR7:11954136	SSF x LoA	-8,1255267	-0,088	0,302
CHR7	11954143	CHR7:11954143	SSF x LoA	-8,42501259	-0,028	0,312
CHR7	11961579	CHR7:11961579	SSF x LoA	-12,0949106	-0,105	0,283
CHR7	11961589	CHR7:11961589	SSF x LoA	-5,3399973	0,194	0,279
CHR7	11961596	CHR7:11961596	SSF x LoA	-7,54709206	-0,038	0,297
CHR7	11961598	CHR7:11961598	SSF x LoA	-0,94034935	-0,145	0,302
CHR7	11961599	CHR7:11961599	SSF x LoA	-4,68458628	0,183	0,293
CHR7	11961612	CHR7:11961612	SSF x LoA	-8,72470931	-0,006	0,312
CHR7	11961615	CHR7:11961615	SSF x LoA	-12,0256928	-0,003	0,299
CHR7	11961626	CHR7:11961626	SSF x LoA	-6,84827517	-0,104	0,276
CHR7	11961631	CHR7:11961631	SSF x LoA	-11,9010794	-0,049	0,300
CHR7	11961663	CHR7:11961663	SSF x LoA	-1,52479822	0,213	0,295
CHR7	11961685	CHR7:11961685	SSF x LoA	-11,1585899	-0,056	0,295
CHR7	11961687	CHR7:11961687	SSF x LoA	-9,73765555	-0,045	0,305
CHR7	11961715	CHR7:11961715	SSF x LoA	-8,93099993	0,006	0,308
CHR7	11961716	CHR7:11961716	SSF x LoA	-8,80184782	0,021	0,311
CHR7	11961735	CHR7:11961735	SSF x LoA	-8,26969854	-0,088	0,295
CHR7	11961806	CHR7:11961806	SSF x LoA	-8,19410356	-0,187	0,294
CHR7	1196189	CHR7:1196189	SSF x LoA	-10,4054131	-0,090	0,301
CHR7	1196223	CHR7:1196223	SSF x LoA	-8,99151458	0,050	0,297
CHR7	1196291	CHR7:1196291	SSF x LoA	-10,1834387	0,033	0,301
CHR7	11974226	CHR7:11974226	SSF x LoA	-8,00436429	-0,056	0,296
CHR7	11974292	CHR7:11974292	SSF x LoA	-8,89916678	0,079	0,292
CHR7	11974383	CHR7:11974383	SSF x LoA	-9,86481799	-0,042	0,306
CHR7	11974390	CHR7:11974390	SSF x LoA	-8,31651813	0,073	0,312
CHR7	11974406	CHR7:11974406	SSF x LoA	-8,04103846	0,168	0,295
CHR7	11974424	CHR7:11974424	SSF x LoA	-7,5336355	0,124	0,297

CHR7	11975593	CHR7:11975593	SSF x LoA	-7,30906298	-0,085	0,299
CHR7	11975616	CHR7:11975616	SSF x LoA	-10,8729359	-0,010	0,290
CHR7	11975663	CHR7:11975663	SSF x LoA	-10,3604357	-0,016	0,309
CHR7	11979939	CHR7:11979939	SSF x LoA	-8,85512471	-0,155	0,284
CHR7	11981544	CHR7:11981544	SSF x LoA	-8,72044827	0,007	0,314
CHR7	11988680	CHR7:11988680	SSF x LoA	-8,87494668	0,036	0,307
CHR7	11989981	CHR7:11989981	SSF x LoA	-10,8043277	0,001	0,308
CHR7	11989983	CHR7:11989983	SSF x LoA	-8,9100116	0,074	0,305
CHR7	1200092	CHR7:1200092	SSF x LoA	-11,2407294	0,048	0,289
CHR7	1200104	CHR7:1200104	SSF x LoA	-10,0370687	-0,044	0,303
CHR7	1200262	CHR7:1200262	SSF x LoA	-11,1100539	0,006	0,305
CHR7	1200301	CHR7:1200301	SSF x LoA	-10,4178942	-0,020	0,308
CHR7	12003910	CHR7:12003910	SSF x LoA	-9,52176069	0,056	0,318
CHR7	12003931	CHR7:12003931	SSF x LoA	-9,98347499	-0,079	0,304
CHR7	12003959	CHR7:12003959	SSF x LoA	-12,1964941	-0,032	0,299
CHR7	12027020	CHR7:12027020	SSF x LoA	-11,2657107	0,089	0,302
CHR7	12027051	CHR7:12027051	SSF x LoA	-5,83679903	-0,004	0,302
CHR7	12034629	CHR7:12034629	SSF x LoA	-6,69290378	-0,056	0,311
CHR7	12038785	CHR7:12038785	SSF x LoA	-8,93120471	-0,063	0,312
CHR7	12042265	CHR7:12042265	SSF x LoA	-10,4705035	0,050	0,303
CHR7	12061005	CHR7:12061005	SSF x LoA	-7,71241545	0,114	0,296
CHR7	12061232	CHR7:12061232	SSF x LoA	-8,85378297	-0,177	0,281
CHR7	12072572	CHR7:12072572	SSF x LoA	-10,8269101	-0,032	0,301
CHR7	1207337	CHR7:1207337	SSF x LoA	-8,5729993	-0,076	0,317
CHR7	12074359	CHR7:12074359	SSF x LoA	-8,8711629	-0,105	0,309
CHR7	12074524	CHR7:12074524	SSF x LoA	-8,57207367	0,029	0,306
CHR7	1207531	CHR7:1207531	SSF x LoA	-8,74891045	-0,048	0,303
CHR7	1207545	CHR7:1207545	SSF x LoA	-8,59695214	-0,147	0,294
CHR7	1207559	CHR7:1207559	SSF x LoA	-7,20683741	-0,074	0,291
CHR7	12075610	CHR7:12075610	SSF x LoA	-9,65747342	-0,004	0,305
CHR7	12075824	CHR7:12075824	SSF x LoA	-12,3802409	-0,021	0,297
CHR7	12079842	CHR7:12079842	SSF x LoA	-6,77071102	0,021	0,333
CHR7	12079853	CHR7:12079853	SSF x LoA	-7,74334057	0,062	0,304
CHR7	12079864	CHR7:12079864	SSF x LoA	-3,78731033	0,102	0,312
CHR7	12079878	CHR7:12079878	SSF x LoA	-8,80912411	0,042	0,306
CHR7	12079884	CHR7:12079884	SSF x LoA	-8,10355958	-0,128	0,306
CHR7	12079888	CHR7:12079888	SSF x LoA	-9,02998875	-0,109	0,292
CHR7	12087963	CHR7:12087963	SSF x LoA	-8,05105081	-0,105	0,313
CHR7	12088463	CHR7:12088463	SSF x LoA	-8,61108393	-0,057	0,313
CHR7	12088492	CHR7:12088492	SSF x LoA	-7,23241208	-0,119	0,309
CHR7	12097436	CHR7:12097436	SSF x LoA	-9,85631475	-0,043	0,307
CHR7	12098070	CHR7:12098070	SSF x LoA	-10,3678373	0,083	0,300
CHR7	12098116	CHR7:12098116	SSF x LoA	-11,1635318	0,000	0,309
CHR7	1209902	CHR7:1209902	SSF x LoA	-9,24574815	0,052	0,308
CHR7	1209914	CHR7:1209914	SSF x LoA	-8,87087263	-0,005	0,314
CHR7	1209925	CHR7:1209925	SSF x LoA	-8,36377347	0,066	0,308
CHR7	1209951	CHR7:1209951	SSF x LoA	-2,97246096	0,182	0,297
CHR7	1209962	CHR7:1209962	SSF x LoA	-11,5527959	-0,010	0,298
CHR7	1209981	CHR7:1209981	SSF x LoA	-10,8788807	-0,012	0,295
CHR7	1210124	CHR7:1210124	SSF x LoA	-10,0513181	-0,059	0,300
CHR7	12110187	CHR7:12110187	SSF x LoA	-8,69535625	0,037	0,314
CHR7	12110300	CHR7:12110300	SSF x LoA	-11,1959397	0,009	0,304
CHR7	12114964	CHR7:12114964	SSF x LoA	-8,17650632	0,103	0,309

CHR7	12118678	CHR7:12118678	SSF x LoA	-9,65225025	0,047	0,296
CHR7	12118718	CHR7:12118718	SSF x LoA	-11,2764375	0,031	0,301
CHR7	12118789	CHR7:12118789	SSF x LoA	-10,3525292	0,081	0,298
CHR7	12124387	CHR7:12124387	SSF x LoA	-7,93780424	0,087	0,313
CHR7	12124454	CHR7:12124454	SSF x LoA	-8,40045472	0,097	0,300
CHR7	12124496	CHR7:12124496	SSF x LoA	-8,06037079	0,097	0,286
CHR7	12124518	CHR7:12124518	SSF x LoA	-7,82176768	0,077	0,307
CHR7	12124606	CHR7:12124606	SSF x LoA	-8,66675501	-0,142	0,299
CHR7	12127026	CHR7:12127026	SSF x LoA	-6,57763593	0,109	0,309
CHR7	12127040	CHR7:12127040	SSF x LoA	-11,6268601	-0,053	0,305
CHR7	12127113	CHR7:12127113	SSF x LoA	-8,83934236	0,099	0,296
CHR7	12127773	CHR7:12127773	SSF x LoA	-8,29554448	0,108	0,311
CHR7	12127896	CHR7:12127896	SSF x LoA	-8,51746931	0,082	0,309
CHR7	12137968	CHR7:12137968	SSF x LoA	-9,51675949	0,015	0,312
CHR7	1214580	CHR7:1214580	SSF x LoA	-10,0281208	-0,061	0,312
CHR7	1214622	CHR7:1214622	SSF x LoA	-10,7050492	0,036	0,302
CHR7	1214647	CHR7:1214647	SSF x LoA	-10,244356	-0,008	0,321
CHR7	1214673	CHR7:1214673	SSF x LoA	-9,43391549	-0,025	0,313
CHR7	12149130	CHR7:12149130	SSF x LoA	-9,27709951	0,060	0,307
CHR7	12149153	CHR7:12149153	SSF x LoA	-6,63256674	0,028	0,309
CHR7	12149202	CHR7:12149202	SSF x LoA	-8,67722825	-0,075	0,302
CHR7	1215654	CHR7:1215654	SSF x LoA	-9,5182367	-0,004	0,290
CHR7	1215677	CHR7:1215677	SSF x LoA	-9,50532146	0,134	0,288
CHR7	1215720	CHR7:1215720	SSF x LoA	-6,95182368	0,131	0,300
CHR7	12159394	CHR7:12159394	SSF x LoA	-9,47182792	0,025	0,309
CHR7	12159439	CHR7:12159439	SSF x LoA	-8,74762233	-0,053	0,303
CHR7	12159498	CHR7:12159498	SSF x LoA	-8,41522288	0,042	0,309
CHR7	12159529	CHR7:12159529	SSF x LoA	-9,34247012	-0,016	0,316
CHR7	12159552	CHR7:12159552	SSF x LoA	-6,64241515	0,075	0,306
CHR7	12159563	CHR7:12159563	SSF x LoA	-8,87111385	0,075	0,315
CHR7	12175866	CHR7:12175866	SSF x LoA	7,83779452	-0,126	0,306
CHR7	12178605	CHR7:12178605	SSF x LoA	-5,3071966	-0,003	0,304
CHR7	12183435	CHR7:12183435	SSF x LoA	-8,90342115	-0,016	0,312
CHR7	12183462	CHR7:12183462	SSF x LoA	-4,55910896	-0,079	0,306
CHR7	12183527	CHR7:12183527	SSF x LoA	-11,7973238	-0,035	0,313
CHR7	12195282	CHR7:12195282	SSF x LoA	-11,982834	0,005	0,308
CHR7	12195292	CHR7:12195292	SSF x LoA	-8,13004071	-0,168	0,293
CHR7	12195308	CHR7:12195308	SSF x LoA	-11,566654	0,041	0,293
CHR7	1221356	CHR7:1221356	SSF x LoA	-6,96461114	-0,174	0,296
CHR7	1222097	CHR7:1222097	SSF x LoA	-9,60938286	0,085	0,305
CHR7	1222123	CHR7:1222123	SSF x LoA	-8,80586432	-0,037	0,301
CHR7	1222141	CHR7:1222141	SSF x LoA	-9,27018029	-0,019	0,312
CHR7	1222147	CHR7:1222147	SSF x LoA	-9,68443756	-0,113	0,309
CHR7	1222168	CHR7:1222168	SSF x LoA	-7,98224583	0,007	0,325
CHR7	1222202	CHR7:1222202	SSF x LoA	-11,0448452	-0,093	0,307
CHR7	1222212	CHR7:1222212	SSF x LoA	-7,43959797	-0,053	0,301
CHR7	12230089	CHR7:12230089	SSF x LoA	-8,11220876	-0,134	0,301
CHR7	12232765	CHR7:12232765	SSF x LoA	-7,37774421	-0,123	0,308
CHR7	12232979	CHR7:12232979	SSF x LoA	-5,39103127	-0,063	0,314
CHR7	12233037	CHR7:12233037	SSF x LoA	-10,7551211	-0,038	0,310
CHR7	12233051	CHR7:12233051	SSF x LoA	-9,36859295	-0,013	0,300
CHR7	12233061	CHR7:12233061	SSF x LoA	-8,72860691	0,083	0,304
CHR7	12233093	CHR7:12233093	SSF x LoA	-11,0811215	-0,022	0,302

CHR7	12233097	CHR7:12233097	SSF x LoA	-8,17638204	-0,025	0,302
CHR7	1225225	CHR7:1225225	SSF x LoA	-9,25200283	-0,052	0,320
CHR7	1225234	CHR7:1225234	SSF x LoA	0,10446832	-0,196	0,305
CHR7	1225254	CHR7:1225254	SSF x LoA	-8,99776695	-0,092	0,307
CHR7	1225292	CHR7:1225292	SSF x LoA	-8,10287978	-0,026	0,305
CHR7	1225439	CHR7:1225439	SSF x LoA	-7,41656473	0,034	0,327
CHR7	12264389	CHR7:12264389	SSF x LoA	-11,1780874	-0,016	0,307
CHR7	12264499	CHR7:12264499	SSF x LoA	-8,733231	-0,116	0,312
CHR7	12273470	CHR7:12273470	SSF x LoA	-9,63096456	0,016	0,308
CHR7	122781	CHR7:122781	SSF x LoA	-7,52025148	-0,101	0,301
CHR7	1228362	CHR7:1228362	SSF x LoA	-8,10896231	0,022	0,322
CHR7	1228376	CHR7:1228376	SSF x LoA	-7,47629553	-0,002	0,289
CHR7	12285231	CHR7:12285231	SSF x LoA	-5,33185573	-0,203	0,299
CHR7	12285232	CHR7:12285232	SSF x LoA	-4,1268566	-0,223	0,298
CHR7	12285241	CHR7:12285241	SSF x LoA	-9,0342403	-0,036	0,316
CHR7	12285246	CHR7:12285246	SSF x LoA	-9,93687955	-0,041	0,304
CHR7	12285905	CHR7:12285905	SSF x LoA	-6,48076586	0,010	0,308
CHR7	12287315	CHR7:12287315	SSF x LoA	-8,33520966	0,110	0,286
CHR7	12287392	CHR7:12287392	SSF x LoA	-8,17525934	-0,097	0,318
CHR7	12287398	CHR7:12287398	SSF x LoA	-9,35804546	0,038	0,309
CHR7	12289079	CHR7:12289079	SSF x LoA	-11,3522919	0,000	0,307
CHR7	12289127	CHR7:12289127	SSF x LoA	-10,8382661	-0,081	0,296
CHR7	12289134	CHR7:12289134	SSF x LoA	-7,80300802	-0,147	0,283
CHR7	12289136	CHR7:12289136	SSF x LoA	-7,65346025	-0,076	0,298
CHR7	12289150	CHR7:12289150	SSF x LoA	-9,75071789	-0,047	0,296
CHR7	12291868	CHR7:12291868	SSF x LoA	-10,4162461	-0,054	0,311
CHR7	12294056	CHR7:12294056	SSF x LoA	-9,4721747	0,035	0,314
CHR7	12294195	CHR7:12294195	SSF x LoA	-9,39339456	-0,004	0,299
CHR7	12294263	CHR7:12294263	SSF x LoA	-7,90604092	-0,043	0,302
CHR7	12294284	CHR7:12294284	SSF x LoA	-8,26119359	0,047	0,308
CHR7	12294308	CHR7:12294308	SSF x LoA	-10,897219	0,079	0,294
CHR7	12302292	CHR7:12302292	SSF x LoA	-10,0006988	0,038	0,304
CHR7	12302370	CHR7:12302370	SSF x LoA	-10,4690641	0,056	0,302
CHR7	12302383	CHR7:12302383	SSF x LoA	-9,7630799	0,052	0,312
CHR7	12302434	CHR7:12302434	SSF x LoA	-8,00889065	0,001	0,296
CHR7	12302453	CHR7:12302453	SSF x LoA	-7,88021076	0,083	0,303
CHR7	12302466	CHR7:12302466	SSF x LoA	-9,41442232	0,152	0,298
CHR7	12303844	CHR7:12303844	SSF x LoA	-9,07753215	0,025	0,323
CHR7	12321369	CHR7:12321369	SSF x LoA	-9,71267863	-0,111	0,308
CHR7	12321550	CHR7:12321550	SSF x LoA	-9,5126423	0,061	0,303
CHR7	12321554	CHR7:12321554	SSF x LoA	-8,99461505	0,064	0,304
CHR7	12321563	CHR7:12321563	SSF x LoA	-8,77142326	-0,061	0,302
CHR7	12321621	CHR7:12321621	SSF x LoA	-2,62439257	0,144	0,298
CHR7	12329247	CHR7:12329247	SSF x LoA	-8,48347054	0,017	0,316
CHR7	12331533	CHR7:12331533	SSF x LoA	-8,1415617	-0,042	0,297
CHR7	12335268	CHR7:12335268	SSF x LoA	-10,3495309	0,067	0,314
CHR7	1234281	CHR7:1234281	SSF x LoA	-2,38464997	0,014	0,313
CHR7	1234290	CHR7:1234290	SSF x LoA	-9,67527525	-0,084	0,300
CHR7	1234317	CHR7:1234317	SSF x LoA	-8,31802067	-0,088	0,306
CHR7	12343523	CHR7:12343523	SSF x LoA	-11,3467543	-0,020	0,310
CHR7	12343524	CHR7:12343524	SSF x LoA	-10,8094365	-0,029	0,311
CHR7	12343610	CHR7:12343610	SSF x LoA	-0,41108455	0,077	0,316
CHR7	12345150	CHR7:12345150	SSF x LoA	-11,2701303	0,035	0,308

CHR7	12362151	CHR7:12362151	SSF x LoA	-11,6524195	0,004	0,301
CHR7	12368516	CHR7:12368516	SSF x LoA	-9,65724876	0,030	0,311
CHR7	12368543	CHR7:12368543	SSF x LoA	-8,90315854	0,013	0,298
CHR7	12368549	CHR7:12368549	SSF x LoA	-5,96927553	0,117	0,308
CHR7	12372739	CHR7:12372739	SSF x LoA	-10,760003	0,014	0,303
CHR7	12372747	CHR7:12372747	SSF x LoA	-7,10858127	0,182	0,299
CHR7	12374171	CHR7:12374171	SSF x LoA	-9,63006303	0,086	0,308
CHR7	12374312	CHR7:12374312	SSF x LoA	-8,68232212	-0,173	0,289
CHR7	12374322	CHR7:12374322	SSF x LoA	-7,38326279	0,081	0,296
CHR7	12374353	CHR7:12374353	SSF x LoA	-9,84341441	-0,028	0,300
CHR7	12374367	CHR7:12374367	SSF x LoA	-8,15755995	-0,183	0,292
CHR7	12379099	CHR7:12379099	SSF x LoA	-8,98138315	0,045	0,313
CHR7	12384782	CHR7:12384782	SSF x LoA	-5,46631155	-0,231	0,301
CHR7	12384819	CHR7:12384819	SSF x LoA	-1,80860024	-0,232	0,304
CHR7	12384834	CHR7:12384834	SSF x LoA	-11,2545747	0,093	0,297
CHR7	12384853	CHR7:12384853	SSF x LoA	-10,7591196	0,092	0,310
CHR7	12384918	CHR7:12384918	SSF x LoA	-9,3928646	-0,061	0,313
CHR7	12384921	CHR7:12384921	SSF x LoA	-6,51812915	-0,045	0,311
CHR7	12391324	CHR7:12391324	SSF x LoA	-7,06143149	0,003	0,308
CHR7	12391417	CHR7:12391417	SSF x LoA	-9,07934555	0,035	0,310
CHR7	12391443	CHR7:12391443	SSF x LoA	-8,74575863	-0,076	0,309
CHR7	12391552	CHR7:12391552	SSF x LoA	-11,1228859	0,071	0,305
CHR7	12391579	CHR7:12391579	SSF x LoA	-9,76719921	-0,012	0,311
CHR7	1239814	CHR7:1239814	SSF x LoA	-8,83015928	-0,067	0,316
CHR7	1239883	CHR7:1239883	SSF x LoA	-9,16410605	0,079	0,301
CHR7	1239902	CHR7:1239902	SSF x LoA	-9,14162216	0,030	0,314
CHR7	1239903	CHR7:1239903	SSF x LoA	-5,680803	0,002	0,301
CHR7	1239913	CHR7:1239913	SSF x LoA	-9,76909713	0,037	0,304
CHR7	1239955	CHR7:1239955	SSF x LoA	-7,54148229	-0,074	0,310
CHR7	1239971	CHR7:1239971	SSF x LoA	-10,3489589	-0,020	0,300
CHR7	1240016	CHR7:1240016	SSF x LoA	-10,1437634	-0,018	0,316
CHR7	1240024	CHR7:1240024	SSF x LoA	-5,97175467	0,085	0,312
CHR7	1240044	CHR7:1240044	SSF x LoA	-8,66333888	0,120	0,295
CHR7	12400755	CHR7:12400755	SSF x LoA	-10,8436826	0,028	0,320
CHR7	12402293	CHR7:12402293	SSF x LoA	-10,1867827	0,050	0,305
CHR7	12409129	CHR7:12409129	SSF x LoA	-7,56775481	-0,037	0,311
CHR7	12409150	CHR7:12409150	SSF x LoA	-9,34845349	-0,012	0,305
CHR7	12409203	CHR7:12409203	SSF x LoA	-11,0898276	0,070	0,312
CHR7	12425075	CHR7:12425075	SSF x LoA	-10,5462144	-0,020	0,320
CHR7	12425088	CHR7:12425088	SSF x LoA	-10,8204751	0,018	0,309
CHR7	12425271	CHR7:12425271	SSF x LoA	-4,76365303	-0,073	0,318
CHR7	12425334	CHR7:12425334	SSF x LoA	-11,4337619	-0,050	0,309
CHR7	12429685	CHR7:12429685	SSF x LoA	-8,09000592	-0,027	0,312
CHR7	12429714	CHR7:12429714	SSF x LoA	-9,15581456	-0,021	0,314
CHR7	12429724	CHR7:12429724	SSF x LoA	-6,44245934	-0,003	0,320
CHR7	12429748	CHR7:12429748	SSF x LoA	-7,59850337	-0,001	0,318
CHR7	12429770	CHR7:12429770	SSF x LoA	-6,06350117	-0,036	0,301
CHR7	12429915	CHR7:12429915	SSF x LoA	-9,65328941	0,081	0,310
CHR7	12438817	CHR7:12438817	SSF x LoA	-8,25487098	-0,078	0,304
CHR7	12438840	CHR7:12438840	SSF x LoA	-8,17666442	0,035	0,312
CHR7	12438851	CHR7:12438851	SSF x LoA	-6,76715561	0,083	0,304
CHR7	12438864	CHR7:12438864	SSF x LoA	-7,20620508	0,055	0,322
CHR7	12438902	CHR7:12438902	SSF x LoA	-9,56331501	0,002	0,309

CHR7	12439656	CHR7:12439656	SSF x LoA	-9,33943077	-0,093	0,294
CHR7	12451183	CHR7:12451183	SSF x LoA	-7,22277083	0,113	0,312
CHR7	12451229	CHR7:12451229	SSF x LoA	-10,1192105	0,094	0,317
CHR7	12451331	CHR7:12451331	SSF x LoA	-8,05062522	0,172	0,300
CHR7	12451407	CHR7:12451407	SSF x LoA	-9,05480086	-0,045	0,315
CHR7	12459841	CHR7:12459841	SSF x LoA	-10,7639728	0,007	0,306
CHR7	12459930	CHR7:12459930	SSF x LoA	-8,97654084	-0,050	0,302
CHR7	12459956	CHR7:12459956	SSF x LoA	-9,38440282	0,139	0,305
CHR7	12463101	CHR7:12463101	SSF x LoA	-8,17557639	0,076	0,301
CHR7	12463164	CHR7:12463164	SSF x LoA	-9,99788446	-0,034	0,309
CHR7	12472827	CHR7:12472827	SSF x LoA	-8,87480211	-0,057	0,308
CHR7	12472843	CHR7:12472843	SSF x LoA	-8,96231286	-0,018	0,313
CHR7	12472844	CHR7:12472844	SSF x LoA	-9,74347505	0,024	0,293
CHR7	12482509	CHR7:12482509	SSF x LoA	-9,22345284	-0,003	0,308
CHR7	12482511	CHR7:12482511	SSF x LoA	-7,33835238	-0,018	0,321
CHR7	12488933	CHR7:12488933	SSF x LoA	-6,55233943	-0,155	0,301
CHR7	12488957	CHR7:12488957	SSF x LoA	-5,63952371	-0,189	0,294
CHR7	12489096	CHR7:12489096	SSF x LoA	-7,95456431	-0,018	0,303
CHR7	12489148	CHR7:12489148	SSF x LoA	-7,70999542	-0,013	0,316
CHR7	12489164	CHR7:12489164	SSF x LoA	-8,80103122	-0,004	0,312
CHR7	12496393	CHR7:12496393	SSF x LoA	-10,5869164	0,056	0,305
CHR7	12496599	CHR7:12496599	SSF x LoA	-6,82795831	-0,077	0,307
CHR7	12496600	CHR7:12496600	SSF x LoA	-9,1136093	0,036	0,311
CHR7	12497561	CHR7:12497561	SSF x LoA	-10,2904236	-0,042	0,299
CHR7	12507184	CHR7:12507184	SSF x LoA	-6,10077355	-0,088	0,295
CHR7	12530521	CHR7:12530521	SSF x LoA	-10,3089085	-0,026	0,298
CHR7	12530593	CHR7:12530593	SSF x LoA	-10,1673706	0,075	0,304
CHR7	12539511	CHR7:12539511	SSF x LoA	-11,2669225	0,065	0,303
CHR7	12539531	CHR7:12539531	SSF x LoA	-9,4440801	0,020	0,283
CHR7	12539592	CHR7:12539592	SSF x LoA	-9,3599104	0,028	0,293
CHR7	12558250	CHR7:12558250	SSF x LoA	-4,71346384	-0,163	0,292
CHR7	12558254	CHR7:12558254	SSF x LoA	-8,26639036	0,047	0,300
CHR7	12574079	CHR7:12574079	SSF x LoA	-10,1319394	-0,018	0,293
CHR7	12592751	CHR7:12592751	SSF x LoA	-8,04421355	0,066	0,285
CHR7	12592764	CHR7:12592764	SSF x LoA	-8,88400537	0,078	0,289
CHR7	12592766	CHR7:12592766	SSF x LoA	-6,55080427	0,115	0,292
CHR7	12600082	CHR7:12600082	SSF x LoA	-10,3696952	0,045	0,304
CHR7	12600139	CHR7:12600139	SSF x LoA	-7,35388203	0,101	0,324
CHR7	12603301	CHR7:12603301	SSF x LoA	-11,2725695	-0,022	0,305
CHR7	12603327	CHR7:12603327	SSF x LoA	-10,9062168	-0,017	0,309
CHR7	12603366	CHR7:12603366	SSF x LoA	-8,26599716	-0,079	0,313
CHR7	12603393	CHR7:12603393	SSF x LoA	-8,90397427	-0,110	0,308
CHR7	12605676	CHR7:12605676	SSF x LoA	-10,0348091	0,058	0,306
CHR7	12613139	CHR7:12613139	SSF x LoA	-8,77210009	-0,054	0,303
CHR7	12613146	CHR7:12613146	SSF x LoA	-4,26915774	-0,228	0,290
CHR7	12613306	CHR7:12613306	SSF x LoA	-7,28854532	-0,169	0,308
CHR7	12613378	CHR7:12613378	SSF x LoA	-9,43859775	0,094	0,304
CHR7	12616828	CHR7:12616828	SSF x LoA	-9,63435565	-0,056	0,314
CHR7	12622256	CHR7:12622256	SSF x LoA	-6,68772032	0,039	0,301
CHR7	12622285	CHR7:12622285	SSF x LoA	-9,56994128	-0,067	0,308
CHR7	12625425	CHR7:12625425	SSF x LoA	-10,5329603	-0,065	0,308
CHR7	12631115	CHR7:12631115	SSF x LoA	-8,06047641	0,096	0,316
CHR7	1263281	CHR7:1263281	SSF x LoA	11,1117518	0,104	0,302

CHR7	1263573	CHR7:1263573	SSF x LoA	-7,95324268	-0,051	0,294
CHR7	12646142	CHR7:12646142	SSF x LoA	-9,68136429	0,100	0,310
CHR7	12646148	CHR7:12646148	SSF x LoA	-8,65772249	0,070	0,308
CHR7	12646286	CHR7:12646286	SSF x LoA	-9,59812835	0,012	0,316
CHR7	12646307	CHR7:12646307	SSF x LoA	-3,68836162	0,066	0,326
CHR7	12646343	CHR7:12646343	SSF x LoA	-8,64077009	0,089	0,299
CHR7	12654094	CHR7:12654094	SSF x LoA	-11,76563	-0,004	0,295
CHR7	12654478	CHR7:12654478	SSF x LoA	-9,3524144	-0,114	0,299
CHR7	12654504	CHR7:12654504	SSF x LoA	-10,8621267	0,054	0,301
CHR7	12665520	CHR7:12665520	SSF x LoA	-3,02034494	-0,089	0,309
CHR7	12671619	CHR7:12671619	SSF x LoA	-5,68811624	-0,110	0,312
CHR7	12671621	CHR7:12671621	SSF x LoA	-8,90843432	-0,088	0,307
CHR7	12684112	CHR7:12684112	SSF x LoA	-6,78427463	-0,013	0,290
CHR7	12684120	CHR7:12684120	SSF x LoA	-9,57093853	-0,078	0,313
CHR7	1269542	CHR7:1269542	SSF x LoA	-9,40999698	-0,076	0,297
CHR7	1269632	CHR7:1269632	SSF x LoA	-9,21441597	-0,028	0,308
CHR7	12705513	CHR7:12705513	SSF x LoA	-9,21082841	0,004	0,322
CHR7	12705676	CHR7:12705676	SSF x LoA	-9,07808823	-0,023	0,307
CHR7	1271506	CHR7:1271506	SSF x LoA	-7,62365059	0,106	0,304
CHR7	12719575	CHR7:12719575	SSF x LoA	-7,934092	-0,161	0,292
CHR7	12722098	CHR7:12722098	SSF x LoA	-10,3807317	-0,044	0,309
CHR7	12728248	CHR7:12728248	SSF x LoA	-11,1084407	-0,019	0,306
CHR7	12728338	CHR7:12728338	SSF x LoA	-7,63889391	0,074	0,318
CHR7	12746214	CHR7:12746214	SSF x LoA	-10,9400732	-0,045	0,292
CHR7	12746257	CHR7:12746257	SSF x LoA	-8,89185001	0,094	0,303
CHR7	12759226	CHR7:12759226	SSF x LoA	-9,06578875	0,025	0,306
CHR7	12759478	CHR7:12759478	SSF x LoA	-8,51627918	-0,039	0,311
CHR7	127646	CHR7:127646	SSF x LoA	-8,27252101	-0,069	0,318
CHR7	12777509	CHR7:12777509	SSF x LoA	-8,0939177	-0,078	0,311
CHR7	12777535	CHR7:12777535	SSF x LoA	-5,52039924	0,058	0,310
CHR7	12777554	CHR7:12777554	SSF x LoA	-9,06396577	-0,009	0,301
CHR7	12778722	CHR7:12778722	SSF x LoA	-10,8576378	0,057	0,321
CHR7	12779050	CHR7:12779050	SSF x LoA	-9,78229923	0,000	0,309
CHR7	12785042	CHR7:12785042	SSF x LoA	-7,77027494	-0,061	0,300
CHR7	12785063	CHR7:12785063	SSF x LoA	-10,0183844	-0,076	0,289
CHR7	12785083	CHR7:12785083	SSF x LoA	-9,31056196	0,034	0,291
CHR7	12785130	CHR7:12785130	SSF x LoA	-10,0229898	0,044	0,287
CHR7	12785169	CHR7:12785169	SSF x LoA	-10,8841011	-0,055	0,309
CHR7	12785209	CHR7:12785209	SSF x LoA	-8,38102257	0,032	0,313
CHR7	12785217	CHR7:12785217	SSF x LoA	-12,4083047	0,005	0,301
CHR7	12785243	CHR7:12785243	SSF x LoA	-9,54230603	-0,031	0,302
CHR7	12787163	CHR7:12787163	SSF x LoA	-8,73208715	0,042	0,298
CHR7	12787276	CHR7:12787276	SSF x LoA	-8,003331	-0,039	0,316
CHR7	1278835	CHR7:1278835	SSF x LoA	-9,68319168	0,070	0,292
CHR7	1278837	CHR7:1278837	SSF x LoA	-8,91135147	0,059	0,291
CHR7	1278843	CHR7:1278843	SSF x LoA	-9,0018824	0,107	0,303
CHR7	1278873	CHR7:1278873	SSF x LoA	-10,4668763	-0,019	0,301
CHR7	1278884	CHR7:1278884	SSF x LoA	-9,31947563	0,049	0,312
CHR7	1278893	CHR7:1278893	SSF x LoA	-9,53537732	0,027	0,304
CHR7	1278896	CHR7:1278896	SSF x LoA	-8,86377042	0,008	0,290
CHR7	1278908	CHR7:1278908	SSF x LoA	-8,95966433	-0,034	0,309
CHR7	1278910	CHR7:1278910	SSF x LoA	-8,31033179	-0,006	0,315
CHR7	12789897	CHR7:12789897	SSF x LoA	-11,6623242	0,021	0,301

CHR7	12795596	CHR7:12795596	SSF x LoA	-8,44735388	0,055	0,302
CHR7	12795597	CHR7:12795597	SSF x LoA	-7,90711482	-0,139	0,297
CHR7	12795739	CHR7:12795739	SSF x LoA	-7,62959184	0,054	0,322
CHR7	12795741	CHR7:12795741	SSF x LoA	-5,22128612	0,073	0,316
CHR7	12795745	CHR7:12795745	SSF x LoA	-8,86000221	0,048	0,316
CHR7	12795854	CHR7:12795854	SSF x LoA	-11,790485	0,099	0,301
CHR7	12800651	CHR7:12800651	SSF x LoA	-8,8286116	0,059	0,305
CHR7	12800708	CHR7:12800708	SSF x LoA	-10,0823814	0,109	0,305
CHR7	12806166	CHR7:12806166	SSF x LoA	-7,85313335	0,048	0,301
CHR7	12806212	CHR7:12806212	SSF x LoA	-9,34147366	0,141	0,312
CHR7	12806275	CHR7:12806275	SSF x LoA	-8,08686786	0,120	0,322
CHR7	12809283	CHR7:12809283	SSF x LoA	-10,6686173	0,003	0,318
CHR7	12809468	CHR7:12809468	SSF x LoA	-7,88520057	0,024	0,300
CHR7	12809542	CHR7:12809542	SSF x LoA	-10,4551491	-0,012	0,312
CHR7	12809547	CHR7:12809547	SSF x LoA	-9,75138147	0,044	0,309
CHR7	12810819	CHR7:12810819	SSF x LoA	-8,87475831	0,006	0,288
CHR7	12811504	CHR7:12811504	SSF x LoA	-6,3084942	-0,094	0,321
CHR7	12816730	CHR7:12816730	SSF x LoA	-10,9648683	-0,011	0,312
CHR7	12816876	CHR7:12816876	SSF x LoA	-7,24967218	0,010	0,298
CHR7	12818544	CHR7:12818544	SSF x LoA	-11,4245949	-0,012	0,313
CHR7	12824504	CHR7:12824504	SSF x LoA	-8,30941203	-0,037	0,297
CHR7	12824581	CHR7:12824581	SSF x LoA	-9,25181528	0,023	0,318
CHR7	12824627	CHR7:12824627	SSF x LoA	-10,2339508	-0,106	0,280
CHR7	12824664	CHR7:12824664	SSF x LoA	-5,40324655	0,178	0,302
CHR7	12824665	CHR7:12824665	SSF x LoA	-11,1425209	-0,044	0,313
CHR7	12824696	CHR7:12824696	SSF x LoA	-9,29965356	0,217	0,292
CHR7	12833206	CHR7:12833206	SSF x LoA	-8,54413782	0,069	0,315
CHR7	12833207	CHR7:12833207	SSF x LoA	-10,8113093	0,079	0,307
CHR7	12833216	CHR7:12833216	SSF x LoA	-10,4192776	0,098	0,302
CHR7	12841718	CHR7:12841718	SSF x LoA	-8,34413621	-0,042	0,307
CHR7	12841903	CHR7:12841903	SSF x LoA	-9,47519781	-0,042	0,310
CHR7	12841976	CHR7:12841976	SSF x LoA	-9,50099216	0,138	0,298
CHR7	12852735	CHR7:12852735	SSF x LoA	-9,65543111	0,037	0,316
CHR7	12852767	CHR7:12852767	SSF x LoA	-8,39624121	0,072	0,302
CHR7	12852792	CHR7:12852792	SSF x LoA	-10,3276406	-0,056	0,294
CHR7	12860361	CHR7:12860361	SSF x LoA	-10,3483715	-0,019	0,299
CHR7	12860377	CHR7:12860377	SSF x LoA	-7,71666524	-0,055	0,309
CHR7	12860413	CHR7:12860413	SSF x LoA	-10,2998836	0,114	0,310
CHR7	12861892	CHR7:12861892	SSF x LoA	-8,89732853	-0,039	0,312
CHR7	12861939	CHR7:12861939	SSF x LoA	-9,08617614	-0,005	0,310
CHR7	12921112	CHR7:12921112	SSF x LoA	-12,0135707	0,029	0,296
CHR7	12921131	CHR7:12921131	SSF x LoA	-5,99784296	0,062	0,292
CHR7	12921161	CHR7:12921161	SSF x LoA	-9,32011321	-0,058	0,296
CHR7	12956209	CHR7:12956209	SSF x LoA	-11,6489815	0,038	0,312
CHR7	12956286	CHR7:12956286	SSF x LoA	-10,8117013	0,017	0,309
CHR7	1299483	CHR7:1299483	SSF x LoA	-8,67201288	0,060	0,322
CHR7	1299489	CHR7:1299489	SSF x LoA	-9,24553687	-0,060	0,312
CHR7	1299511	CHR7:1299511	SSF x LoA	-6,85421026	0,045	0,301
CHR7	1299515	CHR7:1299515	SSF x LoA	-10,1364186	-0,087	0,287
CHR7	1299519	CHR7:1299519	SSF x LoA	-8,59177115	-0,035	0,316
CHR7	1299528	CHR7:1299528	SSF x LoA	-9,08678359	0,049	0,304
CHR7	1299551	CHR7:1299551	SSF x LoA	-8,65380177	-0,015	0,318
CHR7	1299553	CHR7:1299553	SSF x LoA	-7,43529363	0,173	0,302

CHR7	12996429	CHR7:12996429	SSF x LoA	-5,81305016	0,135	0,303
CHR7	12996449	CHR7:12996449	SSF x LoA	-4,36587539	0,100	0,302
CHR7	12996523	CHR7:12996523	SSF x LoA	-9,74477755	0,113	0,303
CHR7	12997166	CHR7:12997166	SSF x LoA	-9,10952512	-0,035	0,314
CHR7	12998963	CHR7:12998963	SSF x LoA	-10,0620007	0,094	0,309
CHR7	12998982	CHR7:12998982	SSF x LoA	-9,56757591	0,023	0,310
CHR7	12998995	CHR7:12998995	SSF x LoA	-12,0180857	0,050	0,295
CHR7	12999045	CHR7:12999045	SSF x LoA	-9,84644916	0,102	0,299
CHR7	12999091	CHR7:12999091	SSF x LoA	-5,20614359	0,132	0,295
CHR7	12999092	CHR7:12999092	SSF x LoA	-9,38228889	0,122	0,303
CHR7	12999093	CHR7:12999093	SSF x LoA	-10,1478479	0,102	0,300
CHR7	13030599	CHR7:13030599	SSF x LoA	-11,4662312	0,030	0,301
CHR7	13030658	CHR7:13030658	SSF x LoA	-3,71722839	0,017	0,306
CHR7	13030680	CHR7:13030680	SSF x LoA	-9,54913751	0,047	0,300
CHR7	13030687	CHR7:13030687	SSF x LoA	-11,3409341	-0,009	0,320
CHR7	13030767	CHR7:13030767	SSF x LoA	-7,88761798	-0,017	0,320
CHR7	13037659	CHR7:13037659	SSF x LoA	-7,07013281	0,094	0,306
CHR7	13045041	CHR7:13045041	SSF x LoA	-9,14205839	-0,114	0,303
CHR7	13045050	CHR7:13045050	SSF x LoA	-7,03743706	-0,156	0,310
CHR7	13045079	CHR7:13045079	SSF x LoA	-10,8115086	-0,031	0,296
CHR7	13045208	CHR7:13045208	SSF x LoA	-4,09010527	-0,089	0,330
CHR7	13053267	CHR7:13053267	SSF x LoA	-11,0748466	-0,031	0,309
CHR7	1306824	CHR7:1306824	SSF x LoA	-8,16594925	0,052	0,311
CHR7	13079363	CHR7:13079363	SSF x LoA	-9,25905219	-0,147	0,312
CHR7	13079430	CHR7:13079430	SSF x LoA	-9,6471153	-0,020	0,312
CHR7	13079479	CHR7:13079479	SSF x LoA	-9,58252303	-0,116	0,309
CHR7	13079485	CHR7:13079485	SSF x LoA	-10,3470923	0,040	0,309
CHR7	13085078	CHR7:13085078	SSF x LoA	-9,49945918	0,092	0,312
CHR7	13121842	CHR7:13121842	SSF x LoA	-8,57575859	0,124	0,294
CHR7	13121864	CHR7:13121864	SSF x LoA	-8,49464068	-0,085	0,301
CHR7	13126987	CHR7:13126987	SSF x LoA	-4,29588196	0,166	0,293
CHR7	13128732	CHR7:13128732	SSF x LoA	-9,28784137	-0,101	0,290
CHR7	13128767	CHR7:13128767	SSF x LoA	-9,66877767	-0,074	0,304
CHR7	13128794	CHR7:13128794	SSF x LoA	-7,47812782	0,066	0,312
CHR7	13136164	CHR7:13136164	SSF x LoA	-11,162292	-0,001	0,288
CHR7	13136330	CHR7:13136330	SSF x LoA	-7,386889	-0,166	0,297
CHR7	13136354	CHR7:13136354	SSF x LoA	-2,62975814	0,162	0,301
CHR7	13136401	CHR7:13136401	SSF x LoA	-7,44876998	-0,082	0,320
CHR7	13136402	CHR7:13136402	SSF x LoA	-9,64069717	0,051	0,302
CHR7	13140302	CHR7:13140302	SSF x LoA	-9,87792685	0,143	0,285
CHR7	13140335	CHR7:13140335	SSF x LoA	-8,79751528	-0,026	0,307
CHR7	13140380	CHR7:13140380	SSF x LoA	-11,0825737	-0,124	0,307
CHR7	13140443	CHR7:13140443	SSF x LoA	-10,3165462	0,012	0,307
CHR7	13154710	CHR7:13154710	SSF x LoA	-8,38888922	-0,054	0,307
CHR7	13154825	CHR7:13154825	SSF x LoA	-8,83426666	-0,153	0,301
CHR7	13154850	CHR7:13154850	SSF x LoA	-10,1217247	-0,016	0,300
CHR7	13156496	CHR7:13156496	SSF x LoA	-10,5880934	0,047	0,302
CHR7	13160108	CHR7:13160108	SSF x LoA	-7,71830798	-0,122	0,301
CHR7	13160184	CHR7:13160184	SSF x LoA	-8,38253306	-0,044	0,314
CHR7	13167636	CHR7:13167636	SSF x LoA	-9,84973727	0,032	0,300
CHR7	1318887	CHR7:1318887	SSF x LoA	-10,1667925	-0,007	0,302
CHR7	1318955	CHR7:1318955	SSF x LoA	-12,1687012	0,007	0,306
CHR7	13190693	CHR7:13190693	SSF x LoA	-7,40851774	-0,066	0,303

CHR7	13190732	CHR7:13190732	SSF x LoA	-6,81582304	-0,113	0,309
CHR7	13190740	CHR7:13190740	SSF x LoA	-4,94563544	-0,118	0,297
CHR7	13190784	CHR7:13190784	SSF x LoA	-7,79625342	0,093	0,318
CHR7	13198203	CHR7:13198203	SSF x LoA	-10,8753461	-0,040	0,310
CHR7	13240653	CHR7:13240653	SSF x LoA	-7,69314286	0,157	0,283
CHR7	13248617	CHR7:13248617	SSF x LoA	-9,25435365	-0,002	0,304
CHR7	13249112	CHR7:13249112	SSF x LoA	-7,31203513	0,096	0,293
CHR7	13251741	CHR7:13251741	SSF x LoA	-11,1338483	-0,001	0,305
CHR7	13251770	CHR7:13251770	SSF x LoA	-9,70727973	0,032	0,301
CHR7	13253543	CHR7:13253543	SSF x LoA	-7,56675566	-0,113	0,308
CHR7	13253575	CHR7:13253575	SSF x LoA	-7,56587079	-0,035	0,309
CHR7	13253650	CHR7:13253650	SSF x LoA	-3,57517653	0,107	0,305
CHR7	13253651	CHR7:13253651	SSF x LoA	-7,04467882	0,136	0,303
CHR7	13253655	CHR7:13253655	SSF x LoA	-7,57945507	0,101	0,300
CHR7	13253695	CHR7:13253695	SSF x LoA	-9,8647808	0,015	0,304
CHR7	13253750	CHR7:13253750	SSF x LoA	-8,96753662	0,028	0,305
CHR7	13264668	CHR7:13264668	SSF x LoA	-8,66588481	0,141	0,304
CHR7	1327229	CHR7:1327229	SSF x LoA	-9,37505787	0,046	0,292
CHR7	1327295	CHR7:1327295	SSF x LoA	-7,59871174	-0,020	0,306
CHR7	1327300	CHR7:1327300	SSF x LoA	-10,9510662	0,041	0,294
CHR7	1327328	CHR7:1327328	SSF x LoA	-11,4938188	0,049	0,287
CHR7	13273514	CHR7:13273514	SSF x LoA	-9,83253292	-0,118	0,297
CHR7	13281937	CHR7:13281937	SSF x LoA	-10,8822446	0,064	0,301
CHR7	13282000	CHR7:13282000	SSF x LoA	-9,63326221	-0,057	0,323
CHR7	13282050	CHR7:13282050	SSF x LoA	-8,76030445	0,104	0,308
CHR7	13282894	CHR7:13282894	SSF x LoA	-9,50072098	0,012	0,309
CHR7	13282896	CHR7:13282896	SSF x LoA	-8,25508119	0,010	0,307
CHR7	13282909	CHR7:13282909	SSF x LoA	-8,15892662	0,074	0,302
CHR7	13282912	CHR7:13282912	SSF x LoA	-8,81705475	-0,065	0,303
CHR7	13282917	CHR7:13282917	SSF x LoA	-8,99121084	-0,065	0,298
CHR7	13282926	CHR7:13282926	SSF x LoA	-8,25526417	-0,030	0,314
CHR7	13282936	CHR7:13282936	SSF x LoA	-8,01475505	-0,040	0,306
CHR7	13285820	CHR7:13285820	SSF x LoA	-8,90486983	-0,057	0,304
CHR7	13294236	CHR7:13294236	SSF x LoA	-9,25622575	-0,010	0,304
CHR7	13299878	CHR7:13299878	SSF x LoA	-10,6726046	0,005	0,317
CHR7	13299953	CHR7:13299953	SSF x LoA	-2,64378237	-0,153	0,301
CHR7	13300002	CHR7:13300002	SSF x LoA	-8,62744593	-0,010	0,304
CHR7	13300840	CHR7:13300840	SSF x LoA	-8,84325259	0,016	0,322
CHR7	13300867	CHR7:13300867	SSF x LoA	-10,1603629	0,046	0,295
CHR7	13304050	CHR7:13304050	SSF x LoA	-9,85865091	0,118	0,306
CHR7	13304173	CHR7:13304173	SSF x LoA	-9,40120674	-0,021	0,310
CHR7	13304204	CHR7:13304204	SSF x LoA	-11,0363149	-0,002	0,311
CHR7	13307177	CHR7:13307177	SSF x LoA	-10,6797148	0,077	0,301
CHR7	13307230	CHR7:13307230	SSF x LoA	-6,93458658	0,061	0,314
CHR7	13307324	CHR7:13307324	SSF x LoA	-11,4076979	-0,073	0,300
CHR7	13307350	CHR7:13307350	SSF x LoA	-8,15654756	-0,088	0,304
CHR7	13307374	CHR7:13307374	SSF x LoA	-7,80293768	-0,066	0,293
CHR7	13313240	CHR7:13313240	SSF x LoA	-10,6034953	0,071	0,303
CHR7	13318069	CHR7:13318069	SSF x LoA	-9,9820524	-0,082	0,282
CHR7	13326191	CHR7:13326191	SSF x LoA	-9,32030343	0,007	0,307
CHR7	13326219	CHR7:13326219	SSF x LoA	-10,1838761	0,012	0,313
CHR7	13326230	CHR7:13326230	SSF x LoA	-9,0292703	-0,034	0,312
CHR7	13326304	CHR7:13326304	SSF x LoA	-8,25592516	0,112	0,296

CHR7	13326322	CHR7:13326322	SSF x LoA	-9,58770892	-0,068	0,316
CHR7	13338734	CHR7:13338734	SSF x LoA	-4,95373615	-0,093	0,314
CHR7	13338752	CHR7:13338752	SSF x LoA	-10,6842322	-0,026	0,306
CHR7	13338787	CHR7:13338787	SSF x LoA	-8,13471906	-0,066	0,310
CHR7	13338798	CHR7:13338798	SSF x LoA	-10,0993853	-0,033	0,302
CHR7	13338820	CHR7:13338820	SSF x LoA	-11,2122501	-0,018	0,307
CHR7	13338924	CHR7:13338924	SSF x LoA	-10,1877397	-0,023	0,315
CHR7	13338966	CHR7:13338966	SSF x LoA	-8,60394144	0,066	0,299
CHR7	13338972	CHR7:13338972	SSF x LoA	-9,0303726	-0,104	0,302
CHR7	13338974	CHR7:13338974	SSF x LoA	-6,85284002	-0,052	0,326
CHR7	13338993	CHR7:13338993	SSF x LoA	-9,78321554	0,020	0,319
CHR7	13339056	CHR7:13339056	SSF x LoA	-8,40167915	-0,067	0,316
CHR7	13339058	CHR7:13339058	SSF x LoA	-6,90251628	0,098	0,317
CHR7	13346556	CHR7:13346556	SSF x LoA	-10,4619974	-0,152	0,301
CHR7	13346745	CHR7:13346745	SSF x LoA	-8,68843777	-0,108	0,296
CHR7	13349899	CHR7:13349899	SSF x LoA	-9,86982301	-0,135	0,299
CHR7	13349974	CHR7:13349974	SSF x LoA	-6,40231545	-0,092	0,316
CHR7	13350001	CHR7:13350001	SSF x LoA	-7,1733845	-0,185	0,304
CHR7	13350078	CHR7:13350078	SSF x LoA	-8,13184366	0,076	0,308
CHR7	13350143	CHR7:13350143	SSF x LoA	-10,2130602	0,039	0,314
CHR7	13355274	CHR7:13355274	SSF x LoA	-9,85909273	0,031	0,301
CHR7	13360722	CHR7:13360722	SSF x LoA	-10,158551	-0,018	0,310
CHR7	13360995	CHR7:13360995	SSF x LoA	-10,6741743	-0,014	0,308
CHR7	13367523	CHR7:13367523	SSF x LoA	-10,3865406	0,029	0,304
CHR7	13376313	CHR7:13376313	SSF x LoA	-8,5727362	-0,094	0,299
CHR7	1337791	CHR7:1337791	SSF x LoA	-11,3919958	0,060	0,315
CHR7	1337792	CHR7:1337792	SSF x LoA	-10,546957	0,059	0,318
CHR7	1337859	CHR7:1337859	SSF x LoA	-10,1849217	-0,015	0,298
CHR7	13392926	CHR7:13392926	SSF x LoA	-9,1648649	-0,136	0,293
CHR7	13396788	CHR7:13396788	SSF x LoA	-9,75004029	0,073	0,312
CHR7	13396859	CHR7:13396859	SSF x LoA	-9,12868378	0,046	0,313
CHR7	13396877	CHR7:13396877	SSF x LoA	-10,8049843	-0,060	0,296
CHR7	13396896	CHR7:13396896	SSF x LoA	-8,44065231	0,044	0,302
CHR7	13396900	CHR7:13396900	SSF x LoA	-10,2321838	-0,072	0,308
CHR7	13402179	CHR7:13402179	SSF x LoA	-8,68855205	0,148	0,312
CHR7	13402270	CHR7:13402270	SSF x LoA	-8,47077531	0,161	0,300
CHR7	13402422	CHR7:13402422	SSF x LoA	-10,7408394	-0,109	0,293
CHR7	13408081	CHR7:13408081	SSF x LoA	-9,037471	-0,032	0,310
CHR7	13441019	CHR7:13441019	SSF x LoA	-11,7044332	0,010	0,305
CHR7	13456397	CHR7:13456397	SSF x LoA	-6,17703803	0,197	0,303
CHR7	13456611	CHR7:13456611	SSF x LoA	-11,356903	0,098	0,299
CHR7	13456635	CHR7:13456635	SSF x LoA	-10,172692	-0,094	0,316
CHR7	13459504	CHR7:13459504	SSF x LoA	-2,74994979	-0,033	0,318
CHR7	13459508	CHR7:13459508	SSF x LoA	-8,55662495	-0,001	0,320
CHR7	13459509	CHR7:13459509	SSF x LoA	-7,74075079	-0,132	0,292
CHR7	13462609	CHR7:13462609	SSF x LoA	-8,51531047	0,027	0,313
CHR7	13462636	CHR7:13462636	SSF x LoA	-10,6816112	-0,010	0,300
CHR7	13465071	CHR7:13465071	SSF x LoA	-9,46476868	0,127	0,303
CHR7	13465079	CHR7:13465079	SSF x LoA	-10,942815	-0,037	0,305
CHR7	13465083	CHR7:13465083	SSF x LoA	-9,47417138	0,149	0,296
CHR7	13465088	CHR7:13465088	SSF x LoA	-8,03447886	0,138	0,298
CHR7	13472268	CHR7:13472268	SSF x LoA	-11,1121411	-0,007	0,309
CHR7	13472269	CHR7:13472269	SSF x LoA	-9,07583436	-0,001	0,314

CHR7	13472271	CHR7:13472271	SSF x LoA	-10,5884046	-0,026	0,306
CHR7	13474156	CHR7:13474156	SSF x LoA	-11,2721942	-0,035	0,315
CHR7	13477471	CHR7:13477471	SSF x LoA	-7,44067894	-0,003	0,313
CHR7	13481143	CHR7:13481143	SSF x LoA	-8,55967637	0,034	0,298
CHR7	13481151	CHR7:13481151	SSF x LoA	-9,05733368	-0,055	0,303
CHR7	13481199	CHR7:13481199	SSF x LoA	-9,88985604	-0,156	0,294
CHR7	13481225	CHR7:13481225	SSF x LoA	-9,2227739	0,014	0,302
CHR7	13481226	CHR7:13481226	SSF x LoA	-8,81279492	0,035	0,327
CHR7	13481227	CHR7:13481227	SSF x LoA	-10,05239	0,022	0,319
CHR7	13481264	CHR7:13481264	SSF x LoA	-6,99464089	0,044	0,315
CHR7	13483531	CHR7:13483531	SSF x LoA	-10,2065697	-0,028	0,317
CHR7	13483533	CHR7:13483533	SSF x LoA	-7,56878208	-0,080	0,324
CHR7	13501707	CHR7:13501707	SSF x LoA	-8,47585309	0,158	0,291
CHR7	13504324	CHR7:13504324	SSF x LoA	-10,4298112	-0,021	0,303
CHR7	13504414	CHR7:13504414	SSF x LoA	-8,04783904	-0,012	0,321
CHR7	13509049	CHR7:13509049	SSF x LoA	-10,0873938	-0,079	0,293
CHR7	13509058	CHR7:13509058	SSF x LoA	-9,66222617	-0,075	0,311
CHR7	13509127	CHR7:13509127	SSF x LoA	0,23862534	-0,036	0,297
CHR7	13509228	CHR7:13509228	SSF x LoA	-4,71569447	0,172	0,308
CHR7	13513286	CHR7:13513286	SSF x LoA	-10,136826	0,042	0,299
CHR7	13524221	CHR7:13524221	SSF x LoA	-9,78688556	-0,064	0,308
CHR7	1352681	CHR7:1352681	SSF x LoA	-8,73382894	0,031	0,310
CHR7	1352686	CHR7:1352686	SSF x LoA	-9,36983736	0,005	0,307
CHR7	1352718	CHR7:1352718	SSF x LoA	-9,82685513	0,062	0,306
CHR7	1352745	CHR7:1352745	SSF x LoA	-9,22443855	0,010	0,310
CHR7	1352775	CHR7:1352775	SSF x LoA	-8,92139303	-0,029	0,303
CHR7	1352818	CHR7:1352818	SSF x LoA	-8,68657157	0,058	0,298
CHR7	1352834	CHR7:1352834	SSF x LoA	-11,779472	-0,029	0,310
CHR7	1352848	CHR7:1352848	SSF x LoA	-10,6395607	-0,022	0,316
CHR7	13538476	CHR7:13538476	SSF x LoA	-9,14417053	0,012	0,324
CHR7	1353864	CHR7:1353864	SSF x LoA	-11,0123715	-0,046	0,312
CHR7	1353916	CHR7:1353916	SSF x LoA	-8,51665219	0,030	0,317
CHR7	13543633	CHR7:13543633	SSF x LoA	-11,4500014	-0,040	0,287
CHR7	1354976	CHR7:1354976	SSF x LoA	-10,3142508	-0,041	0,305
CHR7	1354977	CHR7:1354977	SSF x LoA	-7,0017077	-0,060	0,318
CHR7	1354979	CHR7:1354979	SSF x LoA	-9,29085394	0,035	0,305
CHR7	1354980	CHR7:1354980	SSF x LoA	-8,88525727	0,106	0,292
CHR7	1354983	CHR7:1354983	SSF x LoA	-11,6663283	-0,086	0,295
CHR7	1354996	CHR7:1354996	SSF x LoA	-10,3136021	0,083	0,301
CHR7	1355009	CHR7:1355009	SSF x LoA	-9,77812908	-0,054	0,311
CHR7	1355078	CHR7:1355078	SSF x LoA	-8,78255408	-0,097	0,307
CHR7	13559361	CHR7:13559361	SSF x LoA	-11,1184291	-0,053	0,305
CHR7	13560139	CHR7:13560139	SSF x LoA	-8,87299003	0,017	0,307
CHR7	13560145	CHR7:13560145	SSF x LoA	-10,9551664	-0,016	0,305
CHR7	13576668	CHR7:13576668	SSF x LoA	-9,13473359	0,098	0,298
CHR7	1358017	CHR7:1358017	SSF x LoA	-11,0196763	0,006	0,304
CHR7	1358089	CHR7:1358089	SSF x LoA	-9,97757334	-0,012	0,320
CHR7	1358208	CHR7:1358208	SSF x LoA	-6,51600204	0,163	0,307
CHR7	13588157	CHR7:13588157	SSF x LoA	-10,3633849	0,113	0,316
CHR7	13607329	CHR7:13607329	SSF x LoA	-10,530425	-0,093	0,310
CHR7	13607471	CHR7:13607471	SSF x LoA	-8,0746149	0,104	0,308
CHR7	13607485	CHR7:13607485	SSF x LoA	-8,28350301	0,058	0,312
CHR7	13607543	CHR7:13607543	SSF x LoA	-8,49605398	0,036	0,290

CHR7	13607560	CHR7:13607560	SSF x LoA	-7,59928185	0,000	0,311
CHR7	13614908	CHR7:13614908	SSF x LoA	-9,42331254	0,049	0,309
CHR7	13615085	CHR7:13615085	SSF x LoA	-9,14578383	-0,089	0,297
CHR7	13617142	CHR7:13617142	SSF x LoA	-8,74057765	0,029	0,314
CHR7	13620665	CHR7:13620665	SSF x LoA	-11,3335011	-0,052	0,293
CHR7	13635158	CHR7:13635158	SSF x LoA	-11,4575028	0,108	0,295
CHR7	13635193	CHR7:13635193	SSF x LoA	-12,2603972	-0,021	0,296
CHR7	13635331	CHR7:13635331	SSF x LoA	-7,61686278	0,093	0,317
CHR7	13635356	CHR7:13635356	SSF x LoA	-8,19153705	0,089	0,318
CHR7	13635382	CHR7:13635382	SSF x LoA	-7,00962943	0,042	0,315
CHR7	13635399	CHR7:13635399	SSF x LoA	-3,12331236	0,050	0,301
CHR7	13638812	CHR7:13638812	SSF x LoA	-8,83709471	-0,134	0,308
CHR7	13638838	CHR7:13638838	SSF x LoA	-5,64665017	0,202	0,301
CHR7	13639234	CHR7:13639234	SSF x LoA	-8,55377509	0,025	0,296
CHR7	13642369	CHR7:13642369	SSF x LoA	-10,2446714	-0,013	0,300
CHR7	13642370	CHR7:13642370	SSF x LoA	-6,64575136	-0,206	0,310
CHR7	13644994	CHR7:13644994	SSF x LoA	-10,5755339	-0,024	0,310
CHR7	13645041	CHR7:13645041	SSF x LoA	-3,77745308	-0,109	0,298
CHR7	13645105	CHR7:13645105	SSF x LoA	-10,3681554	-0,016	0,301
CHR7	1364922	CHR7:1364922	SSF x LoA	-8,05272863	0,103	0,309
CHR7	13649349	CHR7:13649349	SSF x LoA	-10,0574655	0,014	0,301
CHR7	13649473	CHR7:13649473	SSF x LoA	-4,90357711	0,046	0,316
CHR7	1364975	CHR7:1364975	SSF x LoA	-7,63113496	0,117	0,303
CHR7	13668927	CHR7:13668927	SSF x LoA	-8,31749547	-0,074	0,316
CHR7	13677162	CHR7:13677162	SSF x LoA	-10,6233175	0,073	0,297
CHR7	13679976	CHR7:13679976	SSF x LoA	-8,88066716	0,042	0,306
CHR7	13689013	CHR7:13689013	SSF x LoA	-8,7497115	-0,147	0,301
CHR7	13690396	CHR7:13690396	SSF x LoA	-11,0387811	-0,009	0,308
CHR7	13690475	CHR7:13690475	SSF x LoA	-8,38695414	0,021	0,321
CHR7	13693772	CHR7:13693772	SSF x LoA	-8,43635038	-0,103	0,309
CHR7	13693816	CHR7:13693816	SSF x LoA	-6,7001104	-0,077	0,312
CHR7	13695407	CHR7:13695407	SSF x LoA	-10,2601257	0,010	0,299
CHR7	13695428	CHR7:13695428	SSF x LoA	-9,03215291	-0,099	0,294
CHR7	13695518	CHR7:13695518	SSF x LoA	-6,74769176	-0,007	0,314
CHR7	13696905	CHR7:13696905	SSF x LoA	-11,1510969	0,084	0,314
CHR7	13696961	CHR7:13696961	SSF x LoA	-8,93850037	-0,013	0,308
CHR7	13696964	CHR7:13696964	SSF x LoA	-11,3965989	-0,036	0,309
CHR7	13702567	CHR7:13702567	SSF x LoA	-8,99962997	0,019	0,310
CHR7	13702710	CHR7:13702710	SSF x LoA	-11,1579159	-0,025	0,300
CHR7	13702750	CHR7:13702750	SSF x LoA	-9,4849075	-0,089	0,305
CHR7	13702765	CHR7:13702765	SSF x LoA	-10,834923	-0,069	0,309
CHR7	13702832	CHR7:13702832	SSF x LoA	-11,1129619	0,012	0,305
CHR7	13702833	CHR7:13702833	SSF x LoA	-10,7053173	0,026	0,310
CHR7	13710111	CHR7:13710111	SSF x LoA	-8,5540113	-0,066	0,301
CHR7	13710135	CHR7:13710135	SSF x LoA	-9,17402003	0,010	0,303
CHR7	13710163	CHR7:13710163	SSF x LoA	-9,77142513	0,000	0,304
CHR7	13710177	CHR7:13710177	SSF x LoA	-5,49516225	-0,141	0,303
CHR7	13710188	CHR7:13710188	SSF x LoA	-9,13320535	0,179	0,290
CHR7	13710240	CHR7:13710240	SSF x LoA	-7,6226598	-0,091	0,325
CHR7	13710259	CHR7:13710259	SSF x LoA	-8,15163957	-0,109	0,301
CHR7	13710284	CHR7:13710284	SSF x LoA	-10,0141764	0,043	0,300
CHR7	13717015	CHR7:13717015	SSF x LoA	-8,5766324	-0,028	0,309
CHR7	13725107	CHR7:13725107	SSF x LoA	-5,59828017	0,051	0,307

CHR7	13726026	CHR7:13726026	SSF x LoA	-7,79817584	-0,078	0,309
CHR7	13726137	CHR7:13726137	SSF x LoA	-8,84198606	0,006	0,290
CHR7	13729152	CHR7:13729152	SSF x LoA	-9,01512473	-0,085	0,318
CHR7	13729154	CHR7:13729154	SSF x LoA	-10,9010004	-0,084	0,300
CHR7	13729155	CHR7:13729155	SSF x LoA	-10,0785757	-0,072	0,306
CHR7	13729183	CHR7:13729183	SSF x LoA	-10,7479565	-0,002	0,290
CHR7	13729234	CHR7:13729234	SSF x LoA	-9,28805341	0,081	0,296
CHR7	13729342	CHR7:13729342	SSF x LoA	-8,08289028	0,071	0,290
CHR7	13749301	CHR7:13749301	SSF x LoA	-11,2655113	-0,001	0,308
CHR7	13750705	CHR7:13750705	SSF x LoA	-6,86319194	-0,063	0,307
CHR7	13750727	CHR7:13750727	SSF x LoA	-6,88804627	-0,133	0,300
CHR7	13750739	CHR7:13750739	SSF x LoA	-9,60417726	0,049	0,289
CHR7	1376048	CHR7:1376048	SSF x LoA	-11,372589	0,016	0,308
CHR7	1376097	CHR7:1376097	SSF x LoA	-8,46589036	0,059	0,314
CHR7	1376136	CHR7:1376136	SSF x LoA	10,2426555	0,113	0,309
CHR7	1376137	CHR7:1376137	SSF x LoA	-8,81601834	0,143	0,296
CHR7	1376192	CHR7:1376192	SSF x LoA	-8,77852199	0,090	0,299
CHR7	1376194	CHR7:1376194	SSF x LoA	-10,1253415	0,102	0,292
CHR7	1376206	CHR7:1376206	SSF x LoA	-8,75881496	0,168	0,298
CHR7	1376208	CHR7:1376208	SSF x LoA	-5,59593895	0,148	0,286
CHR7	1376226	CHR7:1376226	SSF x LoA	-11,3414856	0,014	0,292
CHR7	13765922	CHR7:13765922	SSF x LoA	-8,80228082	0,046	0,305
CHR7	13766041	CHR7:13766041	SSF x LoA	-9,2479632	0,045	0,310
CHR7	13766101	CHR7:13766101	SSF x LoA	-9,26973659	0,040	0,314
CHR7	13766118	CHR7:13766118	SSF x LoA	-5,27494888	0,024	0,309
CHR7	13766130	CHR7:13766130	SSF x LoA	-9,3725795	0,015	0,296
CHR7	13766193	CHR7:13766193	SSF x LoA	-9,93784058	0,038	0,300
CHR7	13773716	CHR7:13773716	SSF x LoA	-7,49891543	-0,080	0,312
CHR7	13773767	CHR7:13773767	SSF x LoA	-8,83357942	0,057	0,297
CHR7	13781294	CHR7:13781294	SSF x LoA	-9,69255806	-0,123	0,312
CHR7	13784475	CHR7:13784475	SSF x LoA	-9,95692701	-0,006	0,304
CHR7	13788929	CHR7:13788929	SSF x LoA	-8,41809744	-0,021	0,317
CHR7	13788961	CHR7:13788961	SSF x LoA	-8,70233106	0,060	0,303
CHR7	13789041	CHR7:13789041	SSF x LoA	-11,2515275	0,033	0,310
CHR7	13798560	CHR7:13798560	SSF x LoA	-9,153014	0,058	0,313
CHR7	13802971	CHR7:13802971	SSF x LoA	-9,44561248	0,050	0,307
CHR7	13802979	CHR7:13802979	SSF x LoA	-10,1777169	0,022	0,297
CHR7	13805846	CHR7:13805846	SSF x LoA	-8,33396237	-0,001	0,310
CHR7	13805897	CHR7:13805897	SSF x LoA	-8,50059466	0,066	0,309
CHR7	13807517	CHR7:13807517	SSF x LoA	-8,02095032	0,119	0,303
CHR7	13807525	CHR7:13807525	SSF x LoA	-5,95173192	0,067	0,308
CHR7	13807547	CHR7:13807547	SSF x LoA	-11,0722835	-0,058	0,298
CHR7	13807745	CHR7:13807745	SSF x LoA	-9,69132616	0,011	0,308
CHR7	13811953	CHR7:13811953	SSF x LoA	-8,16433386	0,061	0,314
CHR7	13811973	CHR7:13811973	SSF x LoA	-11,1582007	-0,035	0,312
CHR7	13813709	CHR7:13813709	SSF x LoA	-6,8260932	-0,087	0,305
CHR7	13813734	CHR7:13813734	SSF x LoA	-7,77753278	-0,057	0,308
CHR7	13813743	CHR7:13813743	SSF x LoA	-9,57404511	0,043	0,308
CHR7	13813805	CHR7:13813805	SSF x LoA	-7,6729596	0,036	0,307
CHR7	13813912	CHR7:13813912	SSF x LoA	-9,61479369	-0,012	0,309
CHR7	13813923	CHR7:13813923	SSF x LoA	-9,36000157	0,017	0,310
CHR7	13816852	CHR7:13816852	SSF x LoA	-9,03495192	0,121	0,312
CHR7	13818432	CHR7:13818432	SSF x LoA	0,56208819	-0,005	0,304

CHR7	13818612	CHR7:13818612	SSF x LoA	-9,68654006	-0,074	0,312
CHR7	13818690	CHR7:13818690	SSF x LoA	-10,1882576	-0,082	0,309
CHR7	13823105	CHR7:13823105	SSF x LoA	-11,8356556	-0,004	0,308
CHR7	13823163	CHR7:13823163	SSF x LoA	-10,9031715	-0,043	0,294
CHR7	13823197	CHR7:13823197	SSF x LoA	-11,290439	-0,039	0,308
CHR7	13844151	CHR7:13844151	SSF x LoA	-10,0631259	0,082	0,292
CHR7	13844506	CHR7:13844506	SSF x LoA	-7,97309058	0,039	0,307
CHR7	13844576	CHR7:13844576	SSF x LoA	-8,83432987	-0,055	0,289
CHR7	13864168	CHR7:13864168	SSF x LoA	-8,98134514	-0,031	0,317
CHR7	13864250	CHR7:13864250	SSF x LoA	-10,6740518	-0,039	0,316
CHR7	13885065	CHR7:13885065	SSF x LoA	-10,9894337	0,020	0,310
CHR7	13885092	CHR7:13885092	SSF x LoA	-8,25275797	0,033	0,307
CHR7	13885120	CHR7:13885120	SSF x LoA	-7,86073446	0,009	0,304
CHR7	13885173	CHR7:13885173	SSF x LoA	-8,52415579	0,136	0,309
CHR7	13889863	CHR7:13889863	SSF x LoA	-9,3161576	0,094	0,308
CHR7	13895217	CHR7:13895217	SSF x LoA	-8,56480583	0,004	0,293
CHR7	13897428	CHR7:13897428	SSF x LoA	-9,01354509	0,066	0,302
CHR7	13897430	CHR7:13897430	SSF x LoA	-9,45531863	-0,038	0,294
CHR7	13897431	CHR7:13897431	SSF x LoA	-11,230418	0,010	0,316
CHR7	13908123	CHR7:13908123	SSF x LoA	-7,01826446	0,159	0,302
CHR7	13908292	CHR7:13908292	SSF x LoA	-7,90236752	-0,008	0,311
CHR7	13908324	CHR7:13908324	SSF x LoA	-9,92646624	-0,074	0,300
CHR7	13916469	CHR7:13916469	SSF x LoA	-10,753532	-0,056	0,322
CHR7	13918150	CHR7:13918150	SSF x LoA	-10,4851935	-0,080	0,301
CHR7	13919954	CHR7:13919954	SSF x LoA	-10,2497079	0,015	0,308
CHR7	13923818	CHR7:13923818	SSF x LoA	-7,94916201	0,052	0,314
CHR7	13924194	CHR7:13924194	SSF x LoA	-10,7162028	-0,101	0,307
CHR7	13924203	CHR7:13924203	SSF x LoA	-9,52779669	-0,087	0,307
CHR7	1392474	CHR7:1392474	SSF x LoA	-9,1171641	-0,008	0,301
CHR7	13929616	CHR7:13929616	SSF x LoA	-9,72800905	0,034	0,322
CHR7	13929773	CHR7:13929773	SSF x LoA	-11,7063859	0,024	0,300
CHR7	13932837	CHR7:13932837	SSF x LoA	-5,80648822	0,170	0,302
CHR7	13932872	CHR7:13932872	SSF x LoA	-8,61686331	0,091	0,308
CHR7	13932897	CHR7:13932897	SSF x LoA	-9,63149425	-0,040	0,309
CHR7	13932982	CHR7:13932982	SSF x LoA	-8,13256643	0,084	0,295
CHR7	13933007	CHR7:13933007	SSF x LoA	-6,11660577	-0,128	0,291
CHR7	13933011	CHR7:13933011	SSF x LoA	-8,13089591	-0,012	0,311
CHR7	13933107	CHR7:13933107	SSF x LoA	-8,95388187	0,079	0,299
CHR7	13933138	CHR7:13933138	SSF x LoA	-8,9856213	-0,025	0,313
CHR7	13933157	CHR7:13933157	SSF x LoA	-10,2841876	0,043	0,317
CHR7	13933161	CHR7:13933161	SSF x LoA	-11,1991555	-0,044	0,313
CHR7	13939249	CHR7:13939249	SSF x LoA	-9,97183186	-0,018	0,298
CHR7	13946176	CHR7:13946176	SSF x LoA	-8,1165632	-0,138	0,292
CHR7	13946184	CHR7:13946184	SSF x LoA	-8,52504903	-0,018	0,301
CHR7	13946188	CHR7:13946188	SSF x LoA	-7,95459708	0,087	0,310
CHR7	13946246	CHR7:13946246	SSF x LoA	-8,82535505	-0,118	0,308
CHR7	13946255	CHR7:13946255	SSF x LoA	-10,1057453	0,030	0,317
CHR7	13946271	CHR7:13946271	SSF x LoA	-9,55230059	0,046	0,305
CHR7	13948923	CHR7:13948923	SSF x LoA	-6,33125508	-0,035	0,305
CHR7	13948937	CHR7:13948937	SSF x LoA	-9,11494511	-0,037	0,306
CHR7	13952697	CHR7:13952697	SSF x LoA	-10,0017841	0,047	0,301
CHR7	13952808	CHR7:13952808	SSF x LoA	-8,53682713	0,062	0,305
CHR7	13952925	CHR7:13952925	SSF x LoA	-10,2097743	0,012	0,294

CHR7	13952928	CHR7:13952928	SSF x LoA	-4,48718379	-0,065	0,319
CHR7	13955637	CHR7:13955637	SSF x LoA	-10,5250045	0,069	0,310
CHR7	13955652	CHR7:13955652	SSF x LoA	-9,4863076	0,091	0,286
CHR7	13955667	CHR7:13955667	SSF x LoA	-6,92251745	0,087	0,302
CHR7	13955687	CHR7:13955687	SSF x LoA	-10,3569618	-0,029	0,305
CHR7	13955699	CHR7:13955699	SSF x LoA	-10,9862659	-0,061	0,279
CHR7	13955728	CHR7:13955728	SSF x LoA	-7,61789259	0,072	0,311
CHR7	13957930	CHR7:13957930	SSF x LoA	-9,40540079	0,014	0,311
CHR7	13957940	CHR7:13957940	SSF x LoA	-8,94335906	0,125	0,303
CHR7	13957952	CHR7:13957952	SSF x LoA	-10,293405	0,031	0,315
CHR7	13957959	CHR7:13957959	SSF x LoA	-11,9125201	-0,039	0,303
CHR7	13960182	CHR7:13960182	SSF x LoA	-9,22973072	0,086	0,302
CHR7	13960302	CHR7:13960302	SSF x LoA	-6,7622175	0,129	0,305
CHR7	13960310	CHR7:13960310	SSF x LoA	-6,44573545	0,170	0,296
CHR7	13973574	CHR7:13973574	SSF x LoA	-9,57214296	-0,093	0,301
CHR7	13973578	CHR7:13973578	SSF x LoA	-8,92062391	-0,090	0,307
CHR7	13973591	CHR7:13973591	SSF x LoA	-4,72007865	0,208	0,295
CHR7	13975725	CHR7:13975725	SSF x LoA	-6,6048647	0,100	0,305
CHR7	13975829	CHR7:13975829	SSF x LoA	-8,50065899	0,103	0,288
CHR7	13978705	CHR7:13978705	SSF x LoA	-9,22176989	0,014	0,320
CHR7	13978858	CHR7:13978858	SSF x LoA	-8,41415796	0,180	0,293
CHR7	13978881	CHR7:13978881	SSF x LoA	-2,72990169	-0,067	0,300
CHR7	13978939	CHR7:13978939	SSF x LoA	-8,0044297	0,092	0,319
CHR7	13978961	CHR7:13978961	SSF x LoA	-10,3049856	0,029	0,309
CHR7	13978964	CHR7:13978964	SSF x LoA	-10,5542608	0,010	0,300
CHR7	13991908	CHR7:13991908	SSF x LoA	-8,60982057	0,051	0,293
CHR7	13991966	CHR7:13991966	SSF x LoA	-8,61604793	-0,015	0,320
CHR7	14009467	CHR7:14009467	SSF x LoA	-8,65827687	-0,026	0,323
CHR7	14015528	CHR7:14015528	SSF x LoA	-9,76243761	0,017	0,302
CHR7	14015571	CHR7:14015571	SSF x LoA	-12,21689	0,042	0,294
CHR7	14015772	CHR7:14015772	SSF x LoA	-9,52599504	0,017	0,298
CHR7	1402934	CHR7:1402934	SSF x LoA	-9,28399048	0,146	0,299
CHR7	14030468	CHR7:14030468	SSF x LoA	-9,86402574	-0,105	0,307
CHR7	14030514	CHR7:14030514	SSF x LoA	-10,3494279	0,167	0,287
CHR7	14030581	CHR7:14030581	SSF x LoA	-2,37158228	-0,156	0,322
CHR7	14041588	CHR7:14041588	SSF x LoA	-8,99832906	0,049	0,310
CHR7	14041643	CHR7:14041643	SSF x LoA	-10,9140288	0,067	0,316
CHR7	14041773	CHR7:14041773	SSF x LoA	-9,64722751	0,043	0,296
CHR7	14058409	CHR7:14058409	SSF x LoA	-8,24007399	-0,036	0,294
CHR7	14058415	CHR7:14058415	SSF x LoA	-8,50257574	0,092	0,305
CHR7	14058591	CHR7:14058591	SSF x LoA	-8,9295801	0,024	0,308
CHR7	14058648	CHR7:14058648	SSF x LoA	-8,68092519	-0,074	0,311
CHR7	14058671	CHR7:14058671	SSF x LoA	-6,9029066	0,098	0,311
CHR7	14058673	CHR7:14058673	SSF x LoA	-9,9966458	-0,026	0,315
CHR7	14058674	CHR7:14058674	SSF x LoA	-9,11775359	0,018	0,315
CHR7	14058675	CHR7:14058675	SSF x LoA	-6,58401977	0,162	0,304
CHR7	14071976	CHR7:14071976	SSF x LoA	-8,67172704	-0,146	0,306
CHR7	14072049	CHR7:14072049	SSF x LoA	-3,59055375	-0,001	0,317
CHR7	14072079	CHR7:14072079	SSF x LoA	-9,65142142	0,063	0,302
CHR7	14073474	CHR7:14073474	SSF x LoA	-6,40716094	0,048	0,315
CHR7	14073521	CHR7:14073521	SSF x LoA	-11,1043013	0,006	0,313
CHR7	14092132	CHR7:14092132	SSF x LoA	-10,4498924	-0,043	0,321
CHR7	14092588	CHR7:14092588	SSF x LoA	-10,2557538	0,049	0,313

CHR7	1409660	CHR7:1409660	SSF x LoA	-9,32495178	-0,083	0,309
CHR7	1409670	CHR7:1409670	SSF x LoA	-12,2287594	-0,019	0,301
CHR7	14100425	CHR7:14100425	SSF x LoA	-7,38155445	0,127	0,303
CHR7	14110373	CHR7:14110373	SSF x LoA	-11,4754715	0,072	0,303
CHR7	14110483	CHR7:14110483	SSF x LoA	-10,6965309	0,132	0,302
CHR7	14110597	CHR7:14110597	SSF x LoA	-10,3836923	-0,033	0,298
CHR7	14114321	CHR7:14114321	SSF x LoA	-8,76265076	0,044	0,321
CHR7	14114385	CHR7:14114385	SSF x LoA	-9,19375275	-0,029	0,321
CHR7	14114509	CHR7:14114509	SSF x LoA	-10,0736625	-0,010	0,314
CHR7	14114599	CHR7:14114599	SSF x LoA	-5,25712371	-0,012	0,302
CHR7	14120886	CHR7:14120886	SSF x LoA	-8,40953502	-0,008	0,320
CHR7	14120901	CHR7:14120901	SSF x LoA	-9,02626269	0,095	0,313
CHR7	14120904	CHR7:14120904	SSF x LoA	-11,9922605	0,000	0,305
CHR7	14120923	CHR7:14120923	SSF x LoA	-10,2561173	0,042	0,312
CHR7	14121399	CHR7:14121399	SSF x LoA	-8,69252232	-0,032	0,305
CHR7	14121438	CHR7:14121438	SSF x LoA	-9,28887221	0,020	0,311
CHR7	14121462	CHR7:14121462	SSF x LoA	-9,11928855	0,140	0,308
CHR7	14121475	CHR7:14121475	SSF x LoA	-8,39880216	0,140	0,301
CHR7	14128736	CHR7:14128736	SSF x LoA	-6,54503712	-0,200	0,288
CHR7	14129043	CHR7:14129043	SSF x LoA	-8,76404441	-0,187	0,299
CHR7	1414190	CHR7:1414190	SSF x LoA	-11,1279994	-0,104	0,304
CHR7	14142857	CHR7:14142857	SSF x LoA	-8,79988372	-0,085	0,306
CHR7	14160154	CHR7:14160154	SSF x LoA	-10,3747846	-0,043	0,307
CHR7	14161477	CHR7:14161477	SSF x LoA	-9,09565404	0,015	0,297
CHR7	14161496	CHR7:14161496	SSF x LoA	-7,41980209	-0,121	0,301
CHR7	14161521	CHR7:14161521	SSF x LoA	-8,20728984	-0,118	0,295
CHR7	14162885	CHR7:14162885	SSF x LoA	-3,79813771	0,201	0,298
CHR7	14165500	CHR7:14165500	SSF x LoA	-6,06306031	0,141	0,304
CHR7	14165529	CHR7:14165529	SSF x LoA	-8,56295661	0,132	0,299
CHR7	14168264	CHR7:14168264	SSF x LoA	-10,0552291	-0,001	0,305
CHR7	14168444	CHR7:14168444	SSF x LoA	-10,0997328	0,049	0,298
CHR7	14168532	CHR7:14168532	SSF x LoA	-9,49814469	0,075	0,308
CHR7	14170976	CHR7:14170976	SSF x LoA	-9,69833776	-0,055	0,304
CHR7	14171173	CHR7:14171173	SSF x LoA	-9,60976786	0,007	0,306
CHR7	14176081	CHR7:14176081	SSF x LoA	-7,6572516	-0,057	0,302
CHR7	14179893	CHR7:14179893	SSF x LoA	-9,96421616	-0,128	0,299
CHR7	14179936	CHR7:14179936	SSF x LoA	-8,46253931	0,030	0,315
CHR7	14179951	CHR7:14179951	SSF x LoA	-10,0346843	-0,113	0,301
CHR7	14184820	CHR7:14184820	SSF x LoA	-9,99970232	0,038	0,295
CHR7	14184841	CHR7:14184841	SSF x LoA	-9,85563027	-0,013	0,313
CHR7	14191563	CHR7:14191563	SSF x LoA	-9,1008008	-0,084	0,286
CHR7	14191568	CHR7:14191568	SSF x LoA	-9,73854512	0,036	0,301
CHR7	14191600	CHR7:14191600	SSF x LoA	-5,20607875	0,047	0,307
CHR7	14191604	CHR7:14191604	SSF x LoA	-8,93797334	0,090	0,303
CHR7	14191606	CHR7:14191606	SSF x LoA	-10,3707586	0,056	0,296
CHR7	14191617	CHR7:14191617	SSF x LoA	-9,18142239	0,026	0,305
CHR7	14191659	CHR7:14191659	SSF x LoA	-7,14782322	0,058	0,304
CHR7	14202375	CHR7:14202375	SSF x LoA	-7,45172956	-0,089	0,309
CHR7	14207983	CHR7:14207983	SSF x LoA	-11,7076329	0,077	0,309
CHR7	14208021	CHR7:14208021	SSF x LoA	-4,71674307	0,179	0,306
CHR7	14208040	CHR7:14208040	SSF x LoA	-11,7599663	0,008	0,304
CHR7	14213312	CHR7:14213312	SSF x LoA	-9,63128429	0,025	0,323
CHR7	14213327	CHR7:14213327	SSF x LoA	-9,2118086	0,084	0,304

CHR7	14218459	CHR7:14218459	SSF x LoA	-9,06885855	0,029	0,306
CHR7	14218467	CHR7:14218467	SSF x LoA	-8,70277224	0,041	0,300
CHR7	14218503	CHR7:14218503	SSF x LoA	-8,74258418	0,060	0,313
CHR7	14218538	CHR7:14218538	SSF x LoA	-9,16757006	0,032	0,310
CHR7	14218553	CHR7:14218553	SSF x LoA	-8,94452774	-0,034	0,308
CHR7	14218676	CHR7:14218676	SSF x LoA	-2,89966213	-0,046	0,298
CHR7	14218677	CHR7:14218677	SSF x LoA	-9,80137894	-0,049	0,299
CHR7	14218685	CHR7:14218685	SSF x LoA	-8,60771953	0,097	0,310
CHR7	14218769	CHR7:14218769	SSF x LoA	-8,97146574	-0,010	0,316
CHR7	14218776	CHR7:14218776	SSF x LoA	-9,46409276	0,001	0,306
CHR7	1422042	CHR7:1422042	SSF x LoA	-11,2501481	0,057	0,306
CHR7	1422077	CHR7:1422077	SSF x LoA	-10,6120389	0,106	0,304
CHR7	14224861	CHR7:14224861	SSF x LoA	-5,43010873	-0,036	0,312
CHR7	14224938	CHR7:14224938	SSF x LoA	-7,01021754	-0,061	0,311
CHR7	14224949	CHR7:14224949	SSF x LoA	-5,22215389	-0,081	0,308
CHR7	14225007	CHR7:14225007	SSF x LoA	-8,99461625	-0,043	0,307
CHR7	14235087	CHR7:14235087	SSF x LoA	-3,98397998	-0,098	0,298
CHR7	14235255	CHR7:14235255	SSF x LoA	-8,95810066	0,025	0,303
CHR7	14238292	CHR7:14238292	SSF x LoA	-11,7372151	0,026	0,299
CHR7	14238438	CHR7:14238438	SSF x LoA	-9,84916962	0,025	0,303
CHR7	14238494	CHR7:14238494	SSF x LoA	-8,54858084	0,016	0,305
CHR7	14238551	CHR7:14238551	SSF x LoA	-9,01979453	-0,057	0,295
CHR7	1425236	CHR7:1425236	SSF x LoA	-10,3772765	0,030	0,312
CHR7	1425316	CHR7:1425316	SSF x LoA	-11,065384	0,031	0,304
CHR7	1425457	CHR7:1425457	SSF x LoA	-7,94374953	0,041	0,323
CHR7	1425601	CHR7:1425601	SSF x LoA	-9,92536558	-0,082	0,311
CHR7	14260935	CHR7:14260935	SSF x LoA	-9,18842158	0,044	0,317
CHR7	14260949	CHR7:14260949	SSF x LoA	-10,058118	-0,018	0,309
CHR7	14260960	CHR7:14260960	SSF x LoA	-10,6965133	0,045	0,304
CHR7	14261012	CHR7:14261012	SSF x LoA	-9,41097475	-0,047	0,321
CHR7	14261021	CHR7:14261021	SSF x LoA	-8,70593251	-0,074	0,310
CHR7	14261031	CHR7:14261031	SSF x LoA	-9,78667597	0,078	0,304
CHR7	14261036	CHR7:14261036	SSF x LoA	-10,2991493	0,066	0,297
CHR7	14261044	CHR7:14261044	SSF x LoA	-8,61353805	-0,138	0,299
CHR7	14261048	CHR7:14261048	SSF x LoA	-11,629323	-0,011	0,313
CHR7	14261134	CHR7:14261134	SSF x LoA	-9,28225616	-0,040	0,305
CHR7	14261143	CHR7:14261143	SSF x LoA	-10,4073309	0,052	0,309
CHR7	14261181	CHR7:14261181	SSF x LoA	-8,67233032	0,093	0,304
CHR7	14261216	CHR7:14261216	SSF x LoA	-12,4204378	0,030	0,296
CHR7	1427891	CHR7:1427891	SSF x LoA	-9,59068976	-0,044	0,299
CHR7	14279294	CHR7:14279294	SSF x LoA	-8,77333128	-0,025	0,322
CHR7	14279310	CHR7:14279310	SSF x LoA	-9,0997508	-0,031	0,306
CHR7	14285068	CHR7:14285068	SSF x LoA	-9,57426996	0,108	0,310
CHR7	14292436	CHR7:14292436	SSF x LoA	-7,56325965	0,092	0,311
CHR7	14292465	CHR7:14292465	SSF x LoA	-9,5637303	0,163	0,305
CHR7	14292548	CHR7:14292548	SSF x LoA	-5,51405077	-0,170	0,289
CHR7	14293433	CHR7:14293433	SSF x LoA	-6,40666716	-0,141	0,305
CHR7	14293464	CHR7:14293464	SSF x LoA	-6,70101184	-0,003	0,306
CHR7	14295039	CHR7:14295039	SSF x LoA	-10,607265	0,050	0,307
CHR7	14295046	CHR7:14295046	SSF x LoA	-8,35507118	-0,055	0,312
CHR7	14295053	CHR7:14295053	SSF x LoA	-10,3958602	-0,047	0,310
CHR7	14295054	CHR7:14295054	SSF x LoA	-8,37199183	-0,017	0,313
CHR7	1430089	CHR7:1430089	SSF x LoA	-7,37459264	0,087	0,301

CHR7	1430134	CHR7:1430134	SSF x LoA	-9,4899691	0,090	0,299
CHR7	1430138	CHR7:1430138	SSF x LoA	-9,20074799	0,003	0,295
CHR7	1430213	CHR7:1430213	SSF x LoA	-8,57543325	0,001	0,315
CHR7	1430253	CHR7:1430253	SSF x LoA	-9,16402681	0,032	0,298
CHR7	1430303	CHR7:1430303	SSF x LoA	-7,91416653	0,050	0,310
CHR7	1430312	CHR7:1430312	SSF x LoA	-11,4513874	0,042	0,318
CHR7	1430334	CHR7:1430334	SSF x LoA	-5,20078757	0,019	0,325
CHR7	1430337	CHR7:1430337	SSF x LoA	-9,21502145	-0,011	0,305
CHR7	14304624	CHR7:14304624	SSF x LoA	-10,6216008	-0,001	0,299
CHR7	14304657	CHR7:14304657	SSF x LoA	-9,61059896	-0,038	0,309
CHR7	14325390	CHR7:14325390	SSF x LoA	-9,5854895	-0,052	0,323
CHR7	14334392	CHR7:14334392	SSF x LoA	-5,76128053	0,024	0,302
CHR7	14337327	CHR7:14337327	SSF x LoA	-8,44925263	-0,042	0,302
CHR7	1434427	CHR7:1434427	SSF x LoA	-9,6046353	0,059	0,315
CHR7	14344396	CHR7:14344396	SSF x LoA	-8,00069677	0,089	0,307
CHR7	1434451	CHR7:1434451	SSF x LoA	-10,3570438	-0,135	0,298
CHR7	14349620	CHR7:14349620	SSF x LoA	-8,3199631	0,024	0,296
CHR7	14349684	CHR7:14349684	SSF x LoA	-10,2815752	-0,125	0,286
CHR7	14349717	CHR7:14349717	SSF x LoA	-8,45073652	0,127	0,310
CHR7	14356844	CHR7:14356844	SSF x LoA	-7,66608492	0,055	0,300
CHR7	14356845	CHR7:14356845	SSF x LoA	-8,67705771	0,073	0,292
CHR7	14367983	CHR7:14367983	SSF x LoA	-1,97968559	0,202	0,285
CHR7	14368171	CHR7:14368171	SSF x LoA	-9,92833612	0,079	0,297
CHR7	14383538	CHR7:14383538	SSF x LoA	-8,14786124	-0,021	0,298
CHR7	14383553	CHR7:14383553	SSF x LoA	-7,41287983	0,015	0,307
CHR7	14383559	CHR7:14383559	SSF x LoA	-12,0154538	-0,081	0,304
CHR7	14383561	CHR7:14383561	SSF x LoA	-7,51514975	-0,003	0,314
CHR7	14383568	CHR7:14383568	SSF x LoA	-7,53196539	-0,019	0,317
CHR7	14387410	CHR7:14387410	SSF x LoA	-10,8731115	-0,035	0,298
CHR7	14387427	CHR7:14387427	SSF x LoA	-8,94930988	0,120	0,293
CHR7	14388291	CHR7:14388291	SSF x LoA	-9,57731458	0,067	0,309
CHR7	14388310	CHR7:14388310	SSF x LoA	-9,58660383	0,015	0,321
CHR7	14394966	CHR7:14394966	SSF x LoA	-9,11972927	0,018	0,314
CHR7	14396431	CHR7:14396431	SSF x LoA	-6,9040917	0,115	0,315
CHR7	14396511	CHR7:14396511	SSF x LoA	-9,2590882	0,023	0,318
CHR7	14396526	CHR7:14396526	SSF x LoA	-11,6888141	0,023	0,317
CHR7	14396559	CHR7:14396559	SSF x LoA	-4,15740262	-0,005	0,316
CHR7	14396585	CHR7:14396585	SSF x LoA	-9,31839357	-0,106	0,311
CHR7	14396603	CHR7:14396603	SSF x LoA	-8,56194001	-0,040	0,304
CHR7	14396605	CHR7:14396605	SSF x LoA	-10,6405088	0,023	0,305
CHR7	14396625	CHR7:14396625	SSF x LoA	-10,9108107	-0,012	0,320
CHR7	14396659	CHR7:14396659	SSF x LoA	-9,34708227	0,112	0,294
CHR7	14401470	CHR7:14401470	SSF x LoA	-8,17222101	-0,188	0,278
CHR7	14410203	CHR7:14410203	SSF x LoA	-10,8498455	-0,002	0,307
CHR7	14417628	CHR7:14417628	SSF x LoA	-10,3997405	0,081	0,293
CHR7	14417647	CHR7:14417647	SSF x LoA	-11,393955	0,083	0,300
CHR7	14417649	CHR7:14417649	SSF x LoA	-11,4833009	0,043	0,307
CHR7	14417653	CHR7:14417653	SSF x LoA	-10,1466356	0,082	0,302
CHR7	14417768	CHR7:14417768	SSF x LoA	-11,4255595	0,021	0,301
CHR7	14417819	CHR7:14417819	SSF x LoA	-8,4976075	0,009	0,304
CHR7	14417831	CHR7:14417831	SSF x LoA	-8,8800719	-0,019	0,304
CHR7	14417948	CHR7:14417948	SSF x LoA	-11,6456506	-0,030	0,303
CHR7	14417959	CHR7:14417959	SSF x LoA	-9,60653832	0,058	0,300

CHR7	14424844	CHR7:14424844	SSF x LoA	-8,94334035	0,119	0,311
CHR7	14424868	CHR7:14424868	SSF x LoA	-9,53581533	0,096	0,312
CHR7	1443435	CHR7:1443435	SSF x LoA	-10,2743879	-0,006	0,293
CHR7	1443436	CHR7:1443436	SSF x LoA	-9,5381401	0,055	0,314
CHR7	1443483	CHR7:1443483	SSF x LoA	-10,13972	-0,104	0,299
CHR7	1443503	CHR7:1443503	SSF x LoA	-10,112686	0,079	0,293
CHR7	14439838	CHR7:14439838	SSF x LoA	-8,9977257	0,020	0,311
CHR7	14439857	CHR7:14439857	SSF x LoA	-9,23294669	0,040	0,316
CHR7	14439878	CHR7:14439878	SSF x LoA	-9,12169622	-0,030	0,320
CHR7	14439879	CHR7:14439879	SSF x LoA	-11,3613063	-0,119	0,293
CHR7	14439919	CHR7:14439919	SSF x LoA	-7,86364696	-0,124	0,294
CHR7	14439949	CHR7:14439949	SSF x LoA	-8,21509203	-0,044	0,307
CHR7	14439951	CHR7:14439951	SSF x LoA	-7,33067911	0,168	0,291
CHR7	14439956	CHR7:14439956	SSF x LoA	-7,48771942	0,162	0,289
CHR7	14439960	CHR7:14439960	SSF x LoA	-7,70925549	0,142	0,290
CHR7	14439989	CHR7:14439989	SSF x LoA	-8,35482911	0,115	0,302
CHR7	14440005	CHR7:14440005	SSF x LoA	-7,75379527	-0,031	0,317
CHR7	14440021	CHR7:14440021	SSF x LoA	-8,44152697	0,196	0,293
CHR7	14440063	CHR7:14440063	SSF x LoA	-10,4167185	0,071	0,301
CHR7	14443631	CHR7:14443631	SSF x LoA	-9,41001317	0,012	0,297
CHR7	14444730	CHR7:14444730	SSF x LoA	-10,1192311	-0,097	0,318
CHR7	14444831	CHR7:14444831	SSF x LoA	-10,486783	0,074	0,300
CHR7	14453430	CHR7:14453430	SSF x LoA	-10,2920227	-0,088	0,308
CHR7	14453520	CHR7:14453520	SSF x LoA	-7,57914178	0,006	0,318
CHR7	1446862	CHR7:1446862	SSF x LoA	-8,55165333	-0,115	0,291
CHR7	14473483	CHR7:14473483	SSF x LoA	-8,54118832	-0,062	0,301
CHR7	14486738	CHR7:14486738	SSF x LoA	-8,78206412	-0,001	0,304
CHR7	1449581	CHR7:1449581	SSF x LoA	-9,364471	0,124	0,304
CHR7	1450537	CHR7:1450537	SSF x LoA	-3,72396058	-0,035	0,303
CHR7	14506245	CHR7:14506245	SSF x LoA	-11,1967153	0,011	0,307
CHR7	14506274	CHR7:14506274	SSF x LoA	-9,70803715	0,079	0,295
CHR7	14506314	CHR7:14506314	SSF x LoA	-8,7504555	0,107	0,286
CHR7	14518340	CHR7:14518340	SSF x LoA	-9,76900762	-0,090	0,303
CHR7	14518388	CHR7:14518388	SSF x LoA	-7,26992359	-0,026	0,302
CHR7	1451996	CHR7:1451996	SSF x LoA	-10,9291555	0,060	0,314
CHR7	14527761	CHR7:14527761	SSF x LoA	-10,3297183	-0,057	0,309
CHR7	14527805	CHR7:14527805	SSF x LoA	-6,85190768	0,015	0,298
CHR7	14527808	CHR7:14527808	SSF x LoA	-9,36043939	0,131	0,301
CHR7	14527946	CHR7:14527946	SSF x LoA	-9,47339813	0,003	0,296
CHR7	14530651	CHR7:14530651	SSF x LoA	-8,35064626	0,055	0,294
CHR7	14533074	CHR7:14533074	SSF x LoA	-8,5231521	0,057	0,302
CHR7	14533085	CHR7:14533085	SSF x LoA	-7,80502636	0,058	0,310
CHR7	14533100	CHR7:14533100	SSF x LoA	-7,94249676	0,099	0,303
CHR7	14536565	CHR7:14536565	SSF x LoA	-4,95969437	0,050	0,310
CHR7	14536634	CHR7:14536634	SSF x LoA	-8,79363587	0,035	0,312
CHR7	14536664	CHR7:14536664	SSF x LoA	-8,56117796	0,059	0,319
CHR7	14536668	CHR7:14536668	SSF x LoA	-8,56570175	-0,093	0,309
CHR7	14536679	CHR7:14536679	SSF x LoA	-10,5899406	0,056	0,304
CHR7	14538476	CHR7:14538476	SSF x LoA	-8,65768788	-0,051	0,319
CHR7	14542363	CHR7:14542363	SSF x LoA	-10,2710231	-0,081	0,293
CHR7	14542439	CHR7:14542439	SSF x LoA	-9,51340316	-0,074	0,305
CHR7	14552875	CHR7:14552875	SSF x LoA	-9,63374599	-0,047	0,291
CHR7	14552928	CHR7:14552928	SSF x LoA	-11,2672703	-0,017	0,296

CHR7	14552972	CHR7:14552972	SSF x LoA	-10,8589588	0,011	0,304
CHR7	14565049	CHR7:14565049	SSF x LoA	-8,07590348	0,077	0,311
CHR7	14565088	CHR7:14565088	SSF x LoA	-8,42382278	0,062	0,310
CHR7	14565162	CHR7:14565162	SSF x LoA	-9,8609175	-0,086	0,306
CHR7	14565168	CHR7:14565168	SSF x LoA	-7,46103398	0,150	0,306
CHR7	14565177	CHR7:14565177	SSF x LoA	-10,3114155	0,079	0,308
CHR7	14565187	CHR7:14565187	SSF x LoA	-10,464104	-0,109	0,313
CHR7	14569291	CHR7:14569291	SSF x LoA	-7,76245194	0,062	0,320
CHR7	14569394	CHR7:14569394	SSF x LoA	-9,51741312	0,043	0,310
CHR7	14569469	CHR7:14569469	SSF x LoA	-8,55486129	0,027	0,310
CHR7	1457019	CHR7:1457019	SSF x LoA	-11,911825	0,010	0,305
CHR7	14572113	CHR7:14572113	SSF x LoA	-8,0522245	-0,042	0,312
CHR7	14572142	CHR7:14572142	SSF x LoA	-8,77955261	-0,052	0,308
CHR7	14572217	CHR7:14572217	SSF x LoA	-11,6647264	0,011	0,300
CHR7	14576518	CHR7:14576518	SSF x LoA	-7,88552096	0,019	0,321
CHR7	14576546	CHR7:14576546	SSF x LoA	-8,40855779	-0,004	0,316
CHR7	14576570	CHR7:14576570	SSF x LoA	-9,14901584	0,036	0,300
CHR7	14576585	CHR7:14576585	SSF x LoA	-9,2364448	0,049	0,307
CHR7	14581410	CHR7:14581410	SSF x LoA	-7,69056571	0,096	0,300
CHR7	14581412	CHR7:14581412	SSF x LoA	-8,32564871	0,101	0,312
CHR7	14581415	CHR7:14581415	SSF x LoA	-11,8340153	-0,036	0,307
CHR7	14581430	CHR7:14581430	SSF x LoA	-11,8984359	-0,012	0,292
CHR7	14581505	CHR7:14581505	SSF x LoA	-9,1524705	-0,022	0,289
CHR7	14581573	CHR7:14581573	SSF x LoA	-9,00063477	0,006	0,301
CHR7	14581599	CHR7:14581599	SSF x LoA	-8,28130261	-0,048	0,316
CHR7	14581600	CHR7:14581600	SSF x LoA	-8,81856905	-0,081	0,300
CHR7	14581626	CHR7:14581626	SSF x LoA	-9,43557045	0,003	0,298
CHR7	14581628	CHR7:14581628	SSF x LoA	-9,15503845	-0,017	0,319
CHR7	14581664	CHR7:14581664	SSF x LoA	-7,92291486	-0,040	0,307
CHR7	14593448	CHR7:14593448	SSF x LoA	-10,845092	0,109	0,290
CHR7	14593460	CHR7:14593460	SSF x LoA	-8,63710536	0,081	0,310
CHR7	14593489	CHR7:14593489	SSF x LoA	-7,15117246	-0,048	0,312
CHR7	14593516	CHR7:14593516	SSF x LoA	-9,54253083	0,064	0,303
CHR7	1459918	CHR7:1459918	SSF x LoA	-6,67760895	0,013	0,311
CHR7	1459920	CHR7:1459920	SSF x LoA	-8,79028968	-0,006	0,313
CHR7	1460021	CHR7:1460021	SSF x LoA	-10,0769604	-0,001	0,293
CHR7	14602912	CHR7:14602912	SSF x LoA	-5,13581626	-0,142	0,296
CHR7	14603043	CHR7:14603043	SSF x LoA	-8,7377241	0,084	0,306
CHR7	14611826	CHR7:14611826	SSF x LoA	-9,5380357	-0,013	0,312
CHR7	14611894	CHR7:14611894	SSF x LoA	-10,0302905	0,018	0,307
CHR7	14630119	CHR7:14630119	SSF x LoA	-11,5140268	-0,010	0,315
CHR7	1463073	CHR7:1463073	SSF x LoA	-6,87068859	-0,110	0,318
CHR7	1463074	CHR7:1463074	SSF x LoA	-7,97533479	-0,083	0,294
CHR7	1463092	CHR7:1463092	SSF x LoA	-10,2533552	0,027	0,316
CHR7	14633441	CHR7:14633441	SSF x LoA	-9,08651586	0,036	0,305
CHR7	14633461	CHR7:14633461	SSF x LoA	-6,85268371	0,082	0,320
CHR7	14633498	CHR7:14633498	SSF x LoA	-5,40395866	-0,191	0,301
CHR7	14637613	CHR7:14637613	SSF x LoA	-4,01822784	0,053	0,299
CHR7	14637674	CHR7:14637674	SSF x LoA	-8,65978629	0,036	0,314
CHR7	14640047	CHR7:14640047	SSF x LoA	-7,47717725	-0,167	0,292
CHR7	14644010	CHR7:14644010	SSF x LoA	-8,99556676	-0,048	0,321
CHR7	14644066	CHR7:14644066	SSF x LoA	-11,667096	-0,103	0,300
CHR7	14646911	CHR7:14646911	SSF x LoA	-10,0067302	-0,073	0,292

CHR7	14646915	CHR7:14646915	SSF x LoA	-8,54409139	-0,078	0,308
CHR7	14656677	CHR7:14656677	SSF x LoA	-8,3997533	0,062	0,297
CHR7	14656709	CHR7:14656709	SSF x LoA	-9,28919618	-0,031	0,311
CHR7	14656785	CHR7:14656785	SSF x LoA	-7,29553368	0,064	0,288
CHR7	14661988	CHR7:14661988	SSF x LoA	-10,4541	0,021	0,305
CHR7	14672398	CHR7:14672398	SSF x LoA	-10,2460605	-0,059	0,301
CHR7	14672424	CHR7:14672424	SSF x LoA	-8,63547423	0,027	0,297
CHR7	14672431	CHR7:14672431	SSF x LoA	-8,89852741	0,051	0,313
CHR7	14672470	CHR7:14672470	SSF x LoA	-9,57053229	-0,013	0,309
CHR7	14672559	CHR7:14672559	SSF x LoA	-7,06944688	0,058	0,320
CHR7	14672608	CHR7:14672608	SSF x LoA	-5,13353361	0,181	0,304
CHR7	14677638	CHR7:14677638	SSF x LoA	-10,4861784	0,051	0,303
CHR7	14679490	CHR7:14679490	SSF x LoA	-9,17409242	-0,111	0,294
CHR7	14679554	CHR7:14679554	SSF x LoA	-8,80201443	-0,015	0,315
CHR7	14679564	CHR7:14679564	SSF x LoA	-7,52278398	0,168	0,300
CHR7	14683867	CHR7:14683867	SSF x LoA	-7,64564617	0,029	0,303
CHR7	14683869	CHR7:14683869	SSF x LoA	-10,6037673	0,013	0,295
CHR7	14683920	CHR7:14683920	SSF x LoA	-8,52067972	-0,046	0,308
CHR7	14683935	CHR7:14683935	SSF x LoA	-8,41379293	-0,128	0,300
CHR7	14683941	CHR7:14683941	SSF x LoA	-4,78167039	-0,127	0,318
CHR7	14683947	CHR7:14683947	SSF x LoA	-6,26431446	-0,113	0,312
CHR7	14683949	CHR7:14683949	SSF x LoA	-6,85611645	-0,098	0,310
CHR7	14684047	CHR7:14684047	SSF x LoA	-10,5532185	0,141	0,304
CHR7	14684051	CHR7:14684051	SSF x LoA	-8,85075851	0,139	0,303
CHR7	14684080	CHR7:14684080	SSF x LoA	-8,28866018	-0,041	0,280
CHR7	14684107	CHR7:14684107	SSF x LoA	-10,8503254	0,011	0,309
CHR7	14686164	CHR7:14686164	SSF x LoA	-5,46873026	0,100	0,305
CHR7	14686176	CHR7:14686176	SSF x LoA	-8,86511753	-0,024	0,289
CHR7	14686192	CHR7:14686192	SSF x LoA	-7,6720778	-0,145	0,306
CHR7	14686423	CHR7:14686423	SSF x LoA	-10,5052846	-0,034	0,322
CHR7	14695666	CHR7:14695666	SSF x LoA	-9,21855793	0,139	0,304
CHR7	14695757	CHR7:14695757	SSF x LoA	-10,2825725	0,077	0,296
CHR7	14695801	CHR7:14695801	SSF x LoA	-11,3597589	-0,068	0,296
CHR7	14695838	CHR7:14695838	SSF x LoA	-8,54693427	-0,002	0,313
CHR7	14695863	CHR7:14695863	SSF x LoA	-4,53144796	-0,106	0,317
CHR7	14703173	CHR7:14703173	SSF x LoA	-6,84925342	0,091	0,313
CHR7	14703215	CHR7:14703215	SSF x LoA	-9,52643933	0,124	0,296
CHR7	14703223	CHR7:14703223	SSF x LoA	-9,68923971	0,001	0,315
CHR7	14727369	CHR7:14727369	SSF x LoA	-11,2622497	0,043	0,314
CHR7	14735116	CHR7:14735116	SSF x LoA	-9,36485111	0,019	0,318
CHR7	14735139	CHR7:14735139	SSF x LoA	-10,2696393	0,075	0,304
CHR7	14753254	CHR7:14753254	SSF x LoA	-11,4098643	0,004	0,310
CHR7	14753296	CHR7:14753296	SSF x LoA	-4,06315739	-0,169	0,306
CHR7	14753307	CHR7:14753307	SSF x LoA	-9,95538394	0,053	0,308
CHR7	14756896	CHR7:14756896	SSF x LoA	-9,25158967	-0,033	0,304
CHR7	14756903	CHR7:14756903	SSF x LoA	-10,5213157	-0,009	0,295
CHR7	14756987	CHR7:14756987	SSF x LoA	-8,42969005	-0,009	0,300
CHR7	14757083	CHR7:14757083	SSF x LoA	-5,7133559	0,180	0,295
CHR7	14757095	CHR7:14757095	SSF x LoA	-7,52562066	-0,144	0,302
CHR7	14757914	CHR7:14757914	SSF x LoA	-9,48483186	0,073	0,326
CHR7	14767987	CHR7:14767987	SSF x LoA	-8,07680531	0,008	0,308
CHR7	14768047	CHR7:14768047	SSF x LoA	-3,75278062	-0,073	0,307
CHR7	14775145	CHR7:14775145	SSF x LoA	-9,4601394	-0,125	0,309

CHR7	14775219	CHR7:14775219	SSF x LoA	-6,83195269	-0,094	0,305
CHR7	14775285	CHR7:14775285	SSF x LoA	-11,4814602	0,051	0,305
CHR7	14781506	CHR7:14781506	SSF x LoA	-6,02883405	-0,014	0,303
CHR7	14781507	CHR7:14781507	SSF x LoA	-6,08709625	-0,030	0,301
CHR7	14781533	CHR7:14781533	SSF x LoA	-8,99108255	0,062	0,305
CHR7	14781558	CHR7:14781558	SSF x LoA	-7,49803002	-0,142	0,292
CHR7	14781660	CHR7:14781660	SSF x LoA	-9,37528601	0,087	0,300
CHR7	14786043	CHR7:14786043	SSF x LoA	-9,93458372	0,064	0,295
CHR7	14786051	CHR7:14786051	SSF x LoA	-10,2289039	0,030	0,308
CHR7	14786057	CHR7:14786057	SSF x LoA	-0,26340362	-0,060	0,301
CHR7	14786074	CHR7:14786074	SSF x LoA	0,41142904	0,013	0,313
CHR7	14786228	CHR7:14786228	SSF x LoA	-10,2656975	0,057	0,297
CHR7	14809771	CHR7:14809771	SSF x LoA	-10,6985945	-0,050	0,317
CHR7	14809776	CHR7:14809776	SSF x LoA	-10,3668745	0,021	0,315
CHR7	14809828	CHR7:14809828	SSF x LoA	-9,63908608	-0,059	0,301
CHR7	14830391	CHR7:14830391	SSF x LoA	-8,75024223	0,180	0,291
CHR7	14830473	CHR7:14830473	SSF x LoA	8,20469413	0,212	0,289
CHR7	14830534	CHR7:14830534	SSF x LoA	-11,6815745	-0,078	0,303
CHR7	14835362	CHR7:14835362	SSF x LoA	-11,0863831	-0,073	0,320
CHR7	14835528	CHR7:14835528	SSF x LoA	-9,92777193	0,089	0,299
CHR7	14835531	CHR7:14835531	SSF x LoA	-10,1296408	0,037	0,303
CHR7	14835552	CHR7:14835552	SSF x LoA	-3,63002824	-0,251	0,288
CHR7	14835573	CHR7:14835573	SSF x LoA	-4,18031196	0,175	0,308
CHR7	14836310	CHR7:14836310	SSF x LoA	-10,6597885	0,000	0,304
CHR7	14836358	CHR7:14836358	SSF x LoA	-10,6120624	0,074	0,292
CHR7	14844624	CHR7:14844624	SSF x LoA	-9,0173833	-0,069	0,303
CHR7	14844669	CHR7:14844669	SSF x LoA	-9,63188688	0,166	0,312
CHR7	14844756	CHR7:14844756	SSF x LoA	-8,51023532	-0,179	0,307
CHR7	14844827	CHR7:14844827	SSF x LoA	-10,4630518	0,028	0,325
CHR7	14846812	CHR7:14846812	SSF x LoA	-7,31865466	0,019	0,300
CHR7	14847525	CHR7:14847525	SSF x LoA	-12,0837758	0,012	0,294
CHR7	14851442	CHR7:14851442	SSF x LoA	-6,07563553	0,094	0,307
CHR7	14851590	CHR7:14851590	SSF x LoA	-7,32655928	-0,075	0,311
CHR7	14851680	CHR7:14851680	SSF x LoA	-9,51144597	-0,024	0,314
CHR7	14851723	CHR7:14851723	SSF x LoA	-10,4707306	0,101	0,306
CHR7	14851735	CHR7:14851735	SSF x LoA	-9,95808814	-0,016	0,310
CHR7	14851737	CHR7:14851737	SSF x LoA	-10,5001598	-0,101	0,297
CHR7	1486823	CHR7:1486823	SSF x LoA	-8,76557884	-0,030	0,318
CHR7	1486851	CHR7:1486851	SSF x LoA	-10,6314846	0,060	0,316
CHR7	1486864	CHR7:1486864	SSF x LoA	-9,28069053	-0,014	0,291
CHR7	14869110	CHR7:14869110	SSF x LoA	-6,95644106	0,035	0,310
CHR7	14869222	CHR7:14869222	SSF x LoA	-8,17653239	0,067	0,298
CHR7	14872115	CHR7:14872115	SSF x LoA	0,09154678	-0,135	0,304
CHR7	14872184	CHR7:14872184	SSF x LoA	-4,13510926	-0,121	0,297
CHR7	14884285	CHR7:14884285	SSF x LoA	-6,4185872	-0,087	0,295
CHR7	14898099	CHR7:14898099	SSF x LoA	-6,62280789	-0,202	0,302
CHR7	14898152	CHR7:14898152	SSF x LoA	-10,9069571	0,045	0,309
CHR7	14898155	CHR7:14898155	SSF x LoA	-7,95568499	0,152	0,290
CHR7	14898160	CHR7:14898160	SSF x LoA	-11,0753719	0,005	0,314
CHR7	14898164	CHR7:14898164	SSF x LoA	-8,10979119	0,093	0,316
CHR7	14898181	CHR7:14898181	SSF x LoA	-5,88483116	0,118	0,314
CHR7	14898184	CHR7:14898184	SSF x LoA	-7,80138755	0,066	0,319
CHR7	1490131	CHR7:1490131	SSF x LoA	-7,54848738	-0,052	0,294

CHR7	1490172	CHR7:1490172	SSF x LoA	-11,3327102	-0,015	0,314
CHR7	1490173	CHR7:1490173	SSF x LoA	-11,1181317	-0,080	0,313
CHR7	1490180	CHR7:1490180	SSF x LoA	-8,26659675	-0,113	0,299
CHR7	1490196	CHR7:1490196	SSF x LoA	-9,07014577	-0,091	0,314
CHR7	14905727	CHR7:14905727	SSF x LoA	-11,4539259	0,008	0,313
CHR7	14906519	CHR7:14906519	SSF x LoA	-8,74527633	-0,031	0,307
CHR7	14906591	CHR7:14906591	SSF x LoA	-8,82533409	-0,026	0,313
CHR7	14906676	CHR7:14906676	SSF x LoA	-9,0922089	0,110	0,300
CHR7	14906689	CHR7:14906689	SSF x LoA	-1,7532294	-0,037	0,319
CHR7	14909590	CHR7:14909590	SSF x LoA	0,1540785	0,100	0,302
CHR7	14909599	CHR7:14909599	SSF x LoA	-5,45971815	0,106	0,294
CHR7	14909644	CHR7:14909644	SSF x LoA	-11,4589332	-0,047	0,311
CHR7	14909703	CHR7:14909703	SSF x LoA	-9,42763877	-0,109	0,304
CHR7	14909729	CHR7:14909729	SSF x LoA	-10,1148249	0,026	0,305
CHR7	14909750	CHR7:14909750	SSF x LoA	-10,2657584	-0,047	0,313
CHR7	14909771	CHR7:14909771	SSF x LoA	-9,11846903	-0,048	0,307
CHR7	14909821	CHR7:14909821	SSF x LoA	-8,8812385	-0,085	0,291
CHR7	14909822	CHR7:14909822	SSF x LoA	-5,24406479	0,106	0,297
CHR7	14909853	CHR7:14909853	SSF x LoA	-7,40503327	0,131	0,289
CHR7	1491268	CHR7:1491268	SSF x LoA	4,3951171	-0,074	0,295
CHR7	14915362	CHR7:14915362	SSF x LoA	-7,56423126	0,102	0,315
CHR7	14915530	CHR7:14915530	SSF x LoA	-4,27357029	-0,009	0,308
CHR7	14917851	CHR7:14917851	SSF x LoA	-9,59092127	0,107	0,290
CHR7	14917852	CHR7:14917852	SSF x LoA	-10,0525256	0,095	0,303
CHR7	14918044	CHR7:14918044	SSF x LoA	-9,59367652	-0,008	0,308
CHR7	14919112	CHR7:14919112	SSF x LoA	-9,85148282	-0,146	0,278
CHR7	14926110	CHR7:14926110	SSF x LoA	-8,73164171	-0,081	0,305
CHR7	14926132	CHR7:14926132	SSF x LoA	-11,994317	-0,038	0,306
CHR7	14926144	CHR7:14926144	SSF x LoA	-9,22664451	-0,049	0,302
CHR7	14926151	CHR7:14926151	SSF x LoA	-8,08290604	-0,106	0,313
CHR7	14926174	CHR7:14926174	SSF x LoA	-7,38028442	0,144	0,314
CHR7	14926184	CHR7:14926184	SSF x LoA	-10,5421908	0,042	0,308
CHR7	14926194	CHR7:14926194	SSF x LoA	1,31147619	0,054	0,301
CHR7	14926237	CHR7:14926237	SSF x LoA	-10,2840162	-0,046	0,303
CHR7	1492702	CHR7:1492702	SSF x LoA	-9,48722945	0,106	0,301
CHR7	1492774	CHR7:1492774	SSF x LoA	-9,70793502	0,039	0,303
CHR7	14929037	CHR7:14929037	SSF x LoA	-7,47666003	0,049	0,296
CHR7	14929133	CHR7:14929133	SSF x LoA	-9,23006377	-0,081	0,296
CHR7	1492988	CHR7:1492988	SSF x LoA	-8,63736347	-0,049	0,309
CHR7	14931020	CHR7:14931020	SSF x LoA	-8,97081621	-0,025	0,315
CHR7	1493116	CHR7:1493116	SSF x LoA	-8,40696879	-0,116	0,312
CHR7	14939174	CHR7:14939174	SSF x LoA	-8,8452716	-0,011	0,315
CHR7	14942063	CHR7:14942063	SSF x LoA	-8,52413749	-0,140	0,311
CHR7	14942143	CHR7:14942143	SSF x LoA	-10,6740621	0,020	0,321
CHR7	14942213	CHR7:14942213	SSF x LoA	-8,31837404	-0,091	0,301
CHR7	14942227	CHR7:14942227	SSF x LoA	-8,59331438	0,078	0,305
CHR7	14952954	CHR7:14952954	SSF x LoA	-5,74387207	-0,068	0,309
CHR7	14952998	CHR7:14952998	SSF x LoA	-6,93543962	-0,209	0,294
CHR7	1497134	CHR7:1497134	SSF x LoA	-9,58237983	-0,006	0,309
CHR7	1497146	CHR7:1497146	SSF x LoA	-10,1944698	0,111	0,308
CHR7	1497171	CHR7:1497171	SSF x LoA	-7,6395294	-0,046	0,297
CHR7	1497200	CHR7:1497200	SSF x LoA	-8,40989982	0,005	0,303
CHR7	1497230	CHR7:1497230	SSF x LoA	-8,18367351	0,077	0,308

CHR7	1497311	CHR7:1497311	SSF x LoA	-11,8253758	0,006	0,296
CHR7	14977067	CHR7:14977067	SSF x LoA	-10,922968	0,003	0,296
CHR7	14984984	CHR7:14984984	SSF x LoA	-3,36446786	-0,214	0,282
CHR7	14987292	CHR7:14987292	SSF x LoA	-9,40618761	0,008	0,304
CHR7	14987379	CHR7:14987379	SSF x LoA	-9,85124184	0,038	0,288
CHR7	14989482	CHR7:14989482	SSF x LoA	-11,6979445	0,018	0,312
CHR7	14989550	CHR7:14989550	SSF x LoA	-11,2975286	0,063	0,304
CHR7	14989551	CHR7:14989551	SSF x LoA	-9,23789068	0,086	0,310
CHR7	14992924	CHR7:14992924	SSF x LoA	-6,62973921	0,083	0,312
CHR7	14993113	CHR7:14993113	SSF x LoA	-10,9209388	-0,024	0,310
CHR7	15003800	CHR7:15003800	SSF x LoA	-9,61576652	-0,001	0,301
CHR7	15003822	CHR7:15003822	SSF x LoA	-11,1324959	0,022	0,307
CHR7	15006468	CHR7:15006468	SSF x LoA	-10,3855619	0,120	0,285
CHR7	15012320	CHR7:15012320	SSF x LoA	-10,9486191	-0,026	0,297
CHR7	15015527	CHR7:15015527	SSF x LoA	-9,67886161	-0,045	0,298
CHR7	15018021	CHR7:15018021	SSF x LoA	-9,24685776	-0,027	0,312
CHR7	15018037	CHR7:15018037	SSF x LoA	-9,17774515	0,046	0,307
CHR7	15018040	CHR7:15018040	SSF x LoA	-9,30693593	0,035	0,310
CHR7	15018059	CHR7:15018059	SSF x LoA	-9,4954349	-0,030	0,312
CHR7	15018095	CHR7:15018095	SSF x LoA	-9,05831871	0,011	0,300
CHR7	15018131	CHR7:15018131	SSF x LoA	-11,2253818	-0,016	0,304
CHR7	15018871	CHR7:15018871	SSF x LoA	-8,69814906	-0,060	0,303
CHR7	15018917	CHR7:15018917	SSF x LoA	-10,9752448	-0,034	0,324
CHR7	15025294	CHR7:15025294	SSF x LoA	-8,75249501	0,047	0,309
CHR7	15025305	CHR7:15025305	SSF x LoA	-7,98527619	0,065	0,312
CHR7	15025397	CHR7:15025397	SSF x LoA	-7,68738388	0,157	0,313
CHR7	15034362	CHR7:15034362	SSF x LoA	-11,0574324	-0,046	0,308
CHR7	15034389	CHR7:15034389	SSF x LoA	-8,44978243	0,054	0,297
CHR7	15036685	CHR7:15036685	SSF x LoA	-7,34367948	-0,120	0,309
CHR7	15056402	CHR7:15056402	SSF x LoA	-10,2228623	-0,146	0,306
CHR7	15057233	CHR7:15057233	SSF x LoA	-8,48749348	-0,115	0,319
CHR7	15057305	CHR7:15057305	SSF x LoA	-11,0124252	-0,087	0,318
CHR7	15060842	CHR7:15060842	SSF x LoA	-9,57887125	0,046	0,308
CHR7	15060892	CHR7:15060892	SSF x LoA	-8,13591838	-0,040	0,312
CHR7	15060894	CHR7:15060894	SSF x LoA	-9,83527633	0,054	0,299
CHR7	15060916	CHR7:15060916	SSF x LoA	-10,572817	0,053	0,307
CHR7	15061027	CHR7:15061027	SSF x LoA	-7,29306144	-0,120	0,295
CHR7	15061091	CHR7:15061091	SSF x LoA	-9,37825143	-0,068	0,310
CHR7	15073543	CHR7:15073543	SSF x LoA	-9,65649887	0,003	0,317
CHR7	15077835	CHR7:15077835	SSF x LoA	-9,7178459	-0,107	0,301
CHR7	15080689	CHR7:15080689	SSF x LoA	-11,1951332	-0,036	0,293
CHR7	15080806	CHR7:15080806	SSF x LoA	-7,25649933	-0,188	0,278
CHR7	15083607	CHR7:15083607	SSF x LoA	-11,3827233	0,083	0,298
CHR7	15083617	CHR7:15083617	SSF x LoA	-7,62171023	-0,076	0,295
CHR7	15083641	CHR7:15083641	SSF x LoA	-8,60913445	0,016	0,306
CHR7	15083664	CHR7:15083664	SSF x LoA	-8,13891816	-0,071	0,310
CHR7	15083685	CHR7:15083685	SSF x LoA	-10,0686123	-0,019	0,289
CHR7	15083699	CHR7:15083699	SSF x LoA	-8,57167033	0,065	0,296
CHR7	15092462	CHR7:15092462	SSF x LoA	-11,2813436	0,068	0,301
CHR7	15092495	CHR7:15092495	SSF x LoA	-9,69499519	0,060	0,304
CHR7	15092502	CHR7:15092502	SSF x LoA	-10,2496066	0,076	0,314
CHR7	15092681	CHR7:15092681	SSF x LoA	-9,02054626	0,042	0,324
CHR7	15096676	CHR7:15096676	SSF x LoA	-9,80584217	0,096	0,311

CHR7	15096776	CHR7:15096776	SSF x LoA	-9,774039	0,113	0,304
CHR7	15096847	CHR7:15096847	SSF x LoA	-8,19682226	-0,068	0,311
CHR7	15098228	CHR7:15098228	SSF x LoA	-9,71466077	0,073	0,308
CHR7	1510253	CHR7:1510253	SSF x LoA	-5,22873909	0,137	0,290
CHR7	1510265	CHR7:1510265	SSF x LoA	-8,14221016	0,167	0,299
CHR7	1510347	CHR7:1510347	SSF x LoA	-12,1908842	0,043	0,308
CHR7	15104656	CHR7:15104656	SSF x LoA	-8,80933249	0,013	0,317
CHR7	15116016	CHR7:15116016	SSF x LoA	-6,3180857	0,062	0,324
CHR7	15116017	CHR7:15116017	SSF x LoA	-9,1114464	0,093	0,321
CHR7	15116043	CHR7:15116043	SSF x LoA	-11,4124649	-0,021	0,315
CHR7	15120288	CHR7:15120288	SSF x LoA	-5,75396037	0,156	0,316
CHR7	15120419	CHR7:15120419	SSF x LoA	-3,09175143	-0,140	0,285
CHR7	15120481	CHR7:15120481	SSF x LoA	-6,07613731	-0,130	0,306
CHR7	15127099	CHR7:15127099	SSF x LoA	-7,30165397	0,046	0,296
CHR7	15127104	CHR7:15127104	SSF x LoA	-9,71880688	0,042	0,319
CHR7	15129008	CHR7:15129008	SSF x LoA	-9,91142475	0,126	0,314
CHR7	15129079	CHR7:15129079	SSF x LoA	-9,07750036	-0,061	0,305
CHR7	15129091	CHR7:15129091	SSF x LoA	-11,775729	-0,007	0,305
CHR7	15132547	CHR7:15132547	SSF x LoA	-7,8441491	-0,071	0,315
CHR7	15132581	CHR7:15132581	SSF x LoA	-11,8228355	0,070	0,294
CHR7	15133039	CHR7:15133039	SSF x LoA	-5,71862053	-0,226	0,296
CHR7	15133068	CHR7:15133068	SSF x LoA	-8,87145627	0,102	0,302
CHR7	15133091	CHR7:15133091	SSF x LoA	-8,51566175	-0,089	0,308
CHR7	15133139	CHR7:15133139	SSF x LoA	2,36368086	0,098	0,299
CHR7	15141056	CHR7:15141056	SSF x LoA	-9,48367331	0,018	0,308
CHR7	15141222	CHR7:15141222	SSF x LoA	-9,19695074	0,129	0,301
CHR7	15141236	CHR7:15141236	SSF x LoA	-8,34438133	-0,121	0,291
CHR7	15141278	CHR7:15141278	SSF x LoA	-10,582099	-0,044	0,303
CHR7	15147643	CHR7:15147643	SSF x LoA	-8,77444938	0,115	0,299
CHR7	15149226	CHR7:15149226	SSF x LoA	-8,54458022	-0,005	0,316
CHR7	15150365	CHR7:15150365	SSF x LoA	-12,2781625	-0,016	0,304
CHR7	15150464	CHR7:15150464	SSF x LoA	-11,4271046	0,083	0,295
CHR7	15150513	CHR7:15150513	SSF x LoA	-7,11964153	-0,146	0,308
CHR7	15172459	CHR7:15172459	SSF x LoA	-0,9788693	0,207	0,295
CHR7	15181756	CHR7:15181756	SSF x LoA	-7,88868924	0,006	0,304
CHR7	15184748	CHR7:15184748	SSF x LoA	-9,61257596	-0,042	0,315
CHR7	15184786	CHR7:15184786	SSF x LoA	-10,9284434	-0,037	0,303
CHR7	1520594	CHR7:1520594	SSF x LoA	-11,6778416	-0,041	0,304
CHR7	1520680	CHR7:1520680	SSF x LoA	-9,90740581	-0,043	0,316
CHR7	15216577	CHR7:15216577	SSF x LoA	-9,49769411	0,043	0,302
CHR7	15216713	CHR7:15216713	SSF x LoA	-9,40412576	-0,010	0,309
CHR7	15227480	CHR7:15227480	SSF x LoA	-10,9999786	0,002	0,305
CHR7	15227539	CHR7:15227539	SSF x LoA	-8,8803683	-0,053	0,307
CHR7	15227682	CHR7:15227682	SSF x LoA	-10,3121105	0,026	0,320
CHR7	15231437	CHR7:15231437	SSF x LoA	-11,4699526	0,006	0,314
CHR7	15231439	CHR7:15231439	SSF x LoA	-9,40264753	0,057	0,303
CHR7	15234153	CHR7:15234153	SSF x LoA	-9,80371846	0,129	0,303
CHR7	1523697	CHR7:1523697	SSF x LoA	-6,31065882	-0,058	0,313
CHR7	1523728	CHR7:1523728	SSF x LoA	-8,60700442	-0,005	0,307
CHR7	1523763	CHR7:1523763	SSF x LoA	-8,70073442	0,085	0,307
CHR7	1523766	CHR7:1523766	SSF x LoA	-10,0594007	-0,044	0,300
CHR7	1523806	CHR7:1523806	SSF x LoA	-11,7238559	0,065	0,306
CHR7	15242512	CHR7:15242512	SSF x LoA	-9,3023378	-0,106	0,302

CHR7	15242525	CHR7:15242525	SSF x LoA	-8,2354877	-0,107	0,283
CHR7	15242604	CHR7:15242604	SSF x LoA	-8,74154109	-0,057	0,305
CHR7	15259788	CHR7:15259788	SSF x LoA	-7,5336809	0,002	0,311
CHR7	15259817	CHR7:15259817	SSF x LoA	-11,4649663	-0,022	0,299
CHR7	15259823	CHR7:15259823	SSF x LoA	-11,3022654	-0,046	0,316
CHR7	15259827	CHR7:15259827	SSF x LoA	-11,9726539	0,084	0,292
CHR7	15259931	CHR7:15259931	SSF x LoA	-8,62669393	-0,066	0,308
CHR7	1526698	CHR7:1526698	SSF x LoA	-10,4894844	-0,016	0,323
CHR7	15292528	CHR7:15292528	SSF x LoA	-10,5671132	-0,101	0,308
CHR7	15298437	CHR7:15298437	SSF x LoA	-10,9449401	-0,073	0,311
CHR7	15298454	CHR7:15298454	SSF x LoA	-9,66694202	-0,020	0,314
CHR7	15298473	CHR7:15298473	SSF x LoA	-10,9247602	0,094	0,288
CHR7	15298505	CHR7:15298505	SSF x LoA	-11,9066236	-0,067	0,325
CHR7	15298525	CHR7:15298525	SSF x LoA	-11,6961014	-0,033	0,311
CHR7	15298561	CHR7:15298561	SSF x LoA	-10,8880898	0,025	0,303
CHR7	15298648	CHR7:15298648	SSF x LoA	-9,0447786	0,088	0,310
CHR7	15298680	CHR7:15298680	SSF x LoA	-10,579531	-0,046	0,305
CHR7	15298694	CHR7:15298694	SSF x LoA	-9,10845029	0,064	0,307
CHR7	15298727	CHR7:15298727	SSF x LoA	-9,81964763	-0,054	0,285
CHR7	15298735	CHR7:15298735	SSF x LoA	-10,1490185	-0,013	0,289
CHR7	15298741	CHR7:15298741	SSF x LoA	-10,8579384	-0,030	0,313
CHR7	15298743	CHR7:15298743	SSF x LoA	-9,2541218	0,040	0,298
CHR7	1531774	CHR7:1531774	SSF x LoA	-10,2054244	-0,003	0,295
CHR7	1531821	CHR7:1531821	SSF x LoA	-2,63274799	-0,220	0,301
CHR7	1531822	CHR7:1531822	SSF x LoA	-9,4577823	0,120	0,306
CHR7	1531908	CHR7:1531908	SSF x LoA	-9,74606452	-0,068	0,308
CHR7	1531956	CHR7:1531956	SSF x LoA	-8,90503938	0,030	0,301
CHR7	15321073	CHR7:15321073	SSF x LoA	-8,79702963	-0,110	0,298
CHR7	15323527	CHR7:15323527	SSF x LoA	-8,54707127	-0,158	0,298
CHR7	15323569	CHR7:15323569	SSF x LoA	-7,78565783	-0,148	0,301
CHR7	15323826	CHR7:15323826	SSF x LoA	-10,0911179	-0,005	0,319
CHR7	15330365	CHR7:15330365	SSF x LoA	-10,6279278	-0,130	0,308
CHR7	15330437	CHR7:15330437	SSF x LoA	-8,95134703	0,043	0,305
CHR7	15330438	CHR7:15330438	SSF x LoA	-7,87222747	0,020	0,314
CHR7	15330439	CHR7:15330439	SSF x LoA	-8,67060718	0,040	0,310
CHR7	15331936	CHR7:15331936	SSF x LoA	-8,29881111	0,021	0,314
CHR7	15331969	CHR7:15331969	SSF x LoA	-11,0610542	-0,020	0,304
CHR7	15348871	CHR7:15348871	SSF x LoA	-8,64094067	-0,034	0,309
CHR7	15348890	CHR7:15348890	SSF x LoA	-9,95388219	0,061	0,297
CHR7	15349117	CHR7:15349117	SSF x LoA	-8,30462394	-0,052	0,296
CHR7	1535326	CHR7:1535326	SSF x LoA	-11,1507247	-0,062	0,306
CHR7	1535349	CHR7:1535349	SSF x LoA	-11,0431041	0,036	0,305
CHR7	1535393	CHR7:1535393	SSF x LoA	-8,06710813	-0,119	0,296
CHR7	15358241	CHR7:15358241	SSF x LoA	-9,42973261	-0,024	0,296
CHR7	15358249	CHR7:15358249	SSF x LoA	-6,44709099	-0,011	0,311
CHR7	15358253	CHR7:15358253	SSF x LoA	-10,0303821	-0,009	0,310
CHR7	15358283	CHR7:15358283	SSF x LoA	-7,46882283	-0,190	0,297
CHR7	15358338	CHR7:15358338	SSF x LoA	-9,42831744	0,016	0,282
CHR7	15358340	CHR7:15358340	SSF x LoA	-9,32638688	0,025	0,295
CHR7	15358377	CHR7:15358377	SSF x LoA	-8,8690919	-0,032	0,300
CHR7	15358413	CHR7:15358413	SSF x LoA	-8,67343284	-0,011	0,309
CHR7	15363838	CHR7:15363838	SSF x LoA	-9,63729658	0,085	0,300
CHR7	15363891	CHR7:15363891	SSF x LoA	-10,9043329	-0,024	0,303

CHR7	15366158	CHR7:15366158	SSF x LoA	-6,44999536	-0,110	0,295
CHR7	15369226	CHR7:15369226	SSF x LoA	-11,37748	-0,133	0,310
CHR7	15369344	CHR7:15369344	SSF x LoA	-6,90183137	0,075	0,304
CHR7	15369350	CHR7:15369350	SSF x LoA	-8,51546211	0,062	0,307
CHR7	15369391	CHR7:15369391	SSF x LoA	-9,08590958	0,106	0,300
CHR7	1537054	CHR7:1537054	SSF x LoA	-8,24241188	-0,041	0,312
CHR7	15383833	CHR7:15383833	SSF x LoA	-10,7878746	-0,123	0,305
CHR7	15398048	CHR7:15398048	SSF x LoA	-9,93697327	-0,038	0,302
CHR7	15415029	CHR7:15415029	SSF x LoA	-10,4814703	-0,054	0,309
CHR7	15415030	CHR7:15415030	SSF x LoA	-7,16338847	-0,055	0,307
CHR7	15415035	CHR7:15415035	SSF x LoA	-11,0517172	-0,060	0,306
CHR7	15415070	CHR7:15415070	SSF x LoA	-10,0158389	0,053	0,310
CHR7	15417375	CHR7:15417375	SSF x LoA	-9,64842541	-0,015	0,310
CHR7	15417419	CHR7:15417419	SSF x LoA	-9,67774418	-0,141	0,315
CHR7	15417682	CHR7:15417682	SSF x LoA	-11,4915287	0,019	0,309
CHR7	15435491	CHR7:15435491	SSF x LoA	-9,9481634	-0,081	0,308
CHR7	15435517	CHR7:15435517	SSF x LoA	-8,94310611	-0,052	0,326
CHR7	15449796	CHR7:15449796	SSF x LoA	-11,0323234	0,068	0,312
CHR7	15450099	CHR7:15450099	SSF x LoA	-9,84241843	0,035	0,302
CHR7	15450110	CHR7:15450110	SSF x LoA	-8,80675669	-0,043	0,310
CHR7	15450166	CHR7:15450166	SSF x LoA	-9,23836474	-0,005	0,310
CHR7	15452203	CHR7:15452203	SSF x LoA	-7,50493023	-0,082	0,317
CHR7	15464343	CHR7:15464343	SSF x LoA	-11,2746692	0,049	0,313
CHR7	15464348	CHR7:15464348	SSF x LoA	-6,72484088	-0,092	0,300
CHR7	1546794	CHR7:1546794	SSF x LoA	-10,1745448	0,024	0,300
CHR7	1546827	CHR7:1546827	SSF x LoA	-10,846746	-0,052	0,306
CHR7	1546834	CHR7:1546834	SSF x LoA	-9,25738008	-0,048	0,310
CHR7	1546836	CHR7:1546836	SSF x LoA	-8,76735637	-0,044	0,305
CHR7	1546838	CHR7:1546838	SSF x LoA	-6,58380879	-0,080	0,301
CHR7	1547675	CHR7:1547675	SSF x LoA	-9,41336746	-0,085	0,306
CHR7	15499877	CHR7:15499877	SSF x LoA	-7,58106923	-0,207	0,296
CHR7	15500126	CHR7:15500126	SSF x LoA	-7,34776162	0,021	0,300
CHR7	15500127	CHR7:15500127	SSF x LoA	-9,6639976	0,071	0,313
CHR7	1550075	CHR7:1550075	SSF x LoA	-11,4736503	0,094	0,304
CHR7	1550125	CHR7:1550125	SSF x LoA	-9,33788085	-0,072	0,304
CHR7	15514429	CHR7:15514429	SSF x LoA	-8,87122233	0,061	0,327
CHR7	15514438	CHR7:15514438	SSF x LoA	-8,95965106	0,176	0,301
CHR7	15514522	CHR7:15514522	SSF x LoA	-10,4167948	0,009	0,307
CHR7	15516489	CHR7:15516489	SSF x LoA	-8,57889302	0,035	0,302
CHR7	15518110	CHR7:15518110	SSF x LoA	-8,80896663	-0,025	0,312
CHR7	15521905	CHR7:15521905	SSF x LoA	-9,03597721	0,080	0,298
CHR7	15521938	CHR7:15521938	SSF x LoA	-7,49256333	0,088	0,291
CHR7	15523124	CHR7:15523124	SSF x LoA	-7,68068993	-0,025	0,319
CHR7	15523146	CHR7:15523146	SSF x LoA	-10,6355605	-0,062	0,317
CHR7	15523225	CHR7:15523225	SSF x LoA	-8,37546283	-0,041	0,310
CHR7	15540451	CHR7:15540451	SSF x LoA	-9,08650328	-0,046	0,288
CHR7	15552577	CHR7:15552577	SSF x LoA	-9,55810536	0,044	0,305
CHR7	15553384	CHR7:15553384	SSF x LoA	-5,7130109	0,094	0,316
CHR7	15554615	CHR7:15554615	SSF x LoA	-9,37161221	-0,005	0,299
CHR7	1556028	CHR7:1556028	SSF x LoA	-9,53508657	-0,066	0,306
CHR7	1556118	CHR7:1556118	SSF x LoA	-9,48461187	-0,079	0,311
CHR7	1556131	CHR7:1556131	SSF x LoA	-6,34377288	-0,071	0,306
CHR7	1556204	CHR7:1556204	SSF x LoA	-10,0874902	0,082	0,304

CHR7	15563732	CHR7:15563732	SSF x LoA	-10,9859902	-0,024	0,315
CHR7	15569782	CHR7:15569782	SSF x LoA	-10,2346058	0,113	0,300
CHR7	15586918	CHR7:15586918	SSF x LoA	-8,69619267	-0,032	0,315
CHR7	15587124	CHR7:15587124	SSF x LoA	-11,5913557	0,056	0,310
CHR7	15587171	CHR7:15587171	SSF x LoA	-9,82439809	0,055	0,302
CHR7	15587199	CHR7:15587199	SSF x LoA	-8,18804926	0,086	0,307
CHR7	1559037	CHR7:1559037	SSF x LoA	-10,6405025	-0,022	0,294
CHR7	1559038	CHR7:1559038	SSF x LoA	-10,4718698	0,013	0,299
CHR7	15595904	CHR7:15595904	SSF x LoA	-6,35830646	-0,084	0,298
CHR7	15595929	CHR7:15595929	SSF x LoA	-8,84171526	0,021	0,311
CHR7	15595930	CHR7:15595930	SSF x LoA	-8,33253856	0,026	0,308
CHR7	15595932	CHR7:15595932	SSF x LoA	-10,5743805	0,122	0,309
CHR7	15599745	CHR7:15599745	SSF x LoA	-7,57409251	0,173	0,306
CHR7	15599926	CHR7:15599926	SSF x LoA	-8,63911636	0,004	0,313
CHR7	15599957	CHR7:15599957	SSF x LoA	-6,43676894	0,052	0,326
CHR7	15600007	CHR7:15600007	SSF x LoA	-9,71317126	-0,040	0,298
CHR7	1560016	CHR7:1560016	SSF x LoA	-4,45726396	-0,114	0,307
CHR7	1560026	CHR7:1560026	SSF x LoA	-5,14385339	-0,121	0,309
CHR7	1560051	CHR7:1560051	SSF x LoA	-3,16352548	-0,108	0,301
CHR7	1560064	CHR7:1560064	SSF x LoA	-10,1865946	-0,025	0,310
CHR7	15606862	CHR7:15606862	SSF x LoA	-10,3247858	-0,071	0,304
CHR7	15606906	CHR7:15606906	SSF x LoA	-10,3805942	-0,112	0,308
CHR7	15606929	CHR7:15606929	SSF x LoA	-10,4974351	0,044	0,313
CHR7	15607072	CHR7:15607072	SSF x LoA	-8,52084126	0,088	0,305
CHR7	15607089	CHR7:15607089	SSF x LoA	-9,01319165	0,095	0,292
CHR7	1560974	CHR7:1560974	SSF x LoA	-7,29442692	-0,014	0,305
CHR7	15611221	CHR7:15611221	SSF x LoA	-6,81871057	-0,106	0,317
CHR7	15611256	CHR7:15611256	SSF x LoA	-8,76258904	-0,068	0,304
CHR7	15611337	CHR7:15611337	SSF x LoA	-11,9081777	0,058	0,301
CHR7	15613958	CHR7:15613958	SSF x LoA	-10,6772829	0,047	0,317
CHR7	15624746	CHR7:15624746	SSF x LoA	-10,3380493	0,114	0,295
CHR7	15625107	CHR7:15625107	SSF x LoA	-9,55095282	0,007	0,304
CHR7	15629536	CHR7:15629536	SSF x LoA	-11,7105239	0,000	0,310
CHR7	15629549	CHR7:15629549	SSF x LoA	-7,68179482	-0,062	0,299
CHR7	15631894	CHR7:15631894	SSF x LoA	-11,7298904	-0,027	0,299
CHR7	15637000	CHR7:15637000	SSF x LoA	-8,43960892	0,083	0,297
CHR7	15637981	CHR7:15637981	SSF x LoA	-9,29892555	-0,050	0,304
CHR7	15644835	CHR7:15644835	SSF x LoA	-10,1516578	0,002	0,312
CHR7	15645944	CHR7:15645944	SSF x LoA	-8,40486633	-0,170	0,294
CHR7	15646112	CHR7:15646112	SSF x LoA	-10,8785838	0,074	0,313
CHR7	15655035	CHR7:15655035	SSF x LoA	-10,642175	0,091	0,311
CHR7	15655153	CHR7:15655153	SSF x LoA	-11,7625234	-0,049	0,311
CHR7	15657186	CHR7:15657186	SSF x LoA	-7,89170882	0,071	0,308
CHR7	15657273	CHR7:15657273	SSF x LoA	-6,30329021	-0,061	0,318
CHR7	15657285	CHR7:15657285	SSF x LoA	-9,98198446	-0,140	0,301
CHR7	15669707	CHR7:15669707	SSF x LoA	-11,7372211	0,006	0,307
CHR7	1568280	CHR7:1568280	SSF x LoA	-8,87890269	0,019	0,314
CHR7	15684833	CHR7:15684833	SSF x LoA	-8,77445151	0,069	0,306
CHR7	15684835	CHR7:15684835	SSF x LoA	-0,60813157	-0,337	0,264
CHR7	15684855	CHR7:15684855	SSF x LoA	-8,12360262	-0,018	0,296
CHR7	15684887	CHR7:15684887	SSF x LoA	-9,1312262	0,016	0,313
CHR7	15684908	CHR7:15684908	SSF x LoA	-8,57646631	-0,169	0,300
CHR7	15684919	CHR7:15684919	SSF x LoA	-8,23420481	0,022	0,309

CHR7	1569137	CHR7:1569137	SSF x LoA	-7,02703021	-0,159	0,306
CHR7	15693617	CHR7:15693617	SSF x LoA	-6,83993856	-0,143	0,302
CHR7	15693661	CHR7:15693661	SSF x LoA	-6,20810741	-0,085	0,311
CHR7	15693662	CHR7:15693662	SSF x LoA	-6,95292377	0,142	0,293
CHR7	15693718	CHR7:15693718	SSF x LoA	-8,36429193	-0,156	0,300
CHR7	15693721	CHR7:15693721	SSF x LoA	-9,62672459	-0,133	0,304
CHR7	15699992	CHR7:15699992	SSF x LoA	-8,21229481	0,112	0,302
CHR7	15699996	CHR7:15699996	SSF x LoA	-9,32517632	0,067	0,299
CHR7	15700034	CHR7:15700034	SSF x LoA	-9,66077359	0,024	0,294
CHR7	15700067	CHR7:15700067	SSF x LoA	-9,54603983	-0,033	0,315
CHR7	15700101	CHR7:15700101	SSF x LoA	-10,7523288	-0,055	0,312
CHR7	15700113	CHR7:15700113	SSF x LoA	-10,5035951	-0,131	0,303
CHR7	15700119	CHR7:15700119	SSF x LoA	-7,81279798	0,019	0,312
CHR7	15700122	CHR7:15700122	SSF x LoA	-9,28259241	0,033	0,309
CHR7	15703061	CHR7:15703061	SSF x LoA	-10,4004469	-0,049	0,303
CHR7	15703086	CHR7:15703086	SSF x LoA	-4,6399253	0,025	0,307
CHR7	15703291	CHR7:15703291	SSF x LoA	-7,6123735	-0,069	0,312
CHR7	15714354	CHR7:15714354	SSF x LoA	-9,27421765	0,000	0,307
CHR7	15714410	CHR7:15714410	SSF x LoA	-6,62394079	0,059	0,299
CHR7	15714464	CHR7:15714464	SSF x LoA	-7,78833752	0,023	0,308
CHR7	15714466	CHR7:15714466	SSF x LoA	-8,54716771	-0,015	0,313
CHR7	15714484	CHR7:15714484	SSF x LoA	-8,13392975	0,015	0,313
CHR7	15720432	CHR7:15720432	SSF x LoA	-9,18870337	-0,049	0,317
CHR7	15720448	CHR7:15720448	SSF x LoA	-8,3883521	0,181	0,286
CHR7	15720476	CHR7:15720476	SSF x LoA	-11,0989031	0,045	0,313
CHR7	15723013	CHR7:15723013	SSF x LoA	-6,01793115	-0,040	0,305
CHR7	15723015	CHR7:15723015	SSF x LoA	-11,9565912	-0,108	0,286
CHR7	15723047	CHR7:15723047	SSF x LoA	-11,0698395	-0,107	0,295
CHR7	15723077	CHR7:15723077	SSF x LoA	-7,03388957	0,019	0,306
CHR7	15723110	CHR7:15723110	SSF x LoA	-8,88524162	-0,064	0,313
CHR7	15723138	CHR7:15723138	SSF x LoA	-3,38159645	-0,137	0,305
CHR7	15723222	CHR7:15723222	SSF x LoA	-11,158154	-0,125	0,277
CHR7	15731469	CHR7:15731469	SSF x LoA	-10,0548165	0,039	0,310
CHR7	1573357	CHR7:1573357	SSF x LoA	-11,2869684	-0,089	0,306
CHR7	15735837	CHR7:15735837	SSF x LoA	-10,0041099	-0,114	0,310
CHR7	15735838	CHR7:15735838	SSF x LoA	-7,68041773	-0,111	0,305
CHR7	15735943	CHR7:15735943	SSF x LoA	-8,65770194	0,142	0,301
CHR7	15735950	CHR7:15735950	SSF x LoA	-10,6074047	0,081	0,310
CHR7	15745444	CHR7:15745444	SSF x LoA	-9,25651703	0,086	0,303
CHR7	15745507	CHR7:15745507	SSF x LoA	-10,3155696	0,092	0,298
CHR7	15745521	CHR7:15745521	SSF x LoA	-8,24137778	-0,061	0,315
CHR7	15745535	CHR7:15745535	SSF x LoA	-8,88610598	0,013	0,317
CHR7	15745551	CHR7:15745551	SSF x LoA	-7,85124456	0,112	0,318
CHR7	15764592	CHR7:15764592	SSF x LoA	-6,13412236	0,091	0,319
CHR7	15764754	CHR7:15764754	SSF x LoA	-8,15703546	-0,061	0,319
CHR7	15768196	CHR7:15768196	SSF x LoA	-8,35802427	-0,133	0,310
CHR7	15768197	CHR7:15768197	SSF x LoA	-7,99218605	-0,096	0,300
CHR7	15768198	CHR7:15768198	SSF x LoA	-7,9622564	0,123	0,307
CHR7	15768270	CHR7:15768270	SSF x LoA	-10,899077	0,014	0,310
CHR7	1577994	CHR7:1577994	SSF x LoA	-9,69934062	0,062	0,311
CHR7	15780076	CHR7:15780076	SSF x LoA	-10,2680139	-0,100	0,309
CHR7	15780080	CHR7:15780080	SSF x LoA	-8,56862274	0,075	0,302
CHR7	15780146	CHR7:15780146	SSF x LoA	-9,27640514	0,029	0,307

CHR7	15780173	CHR7:15780173	SSF x LoA	-10,3047595	-0,101	0,301
CHR7	15780185	CHR7:15780185	SSF x LoA	-8,91181285	0,055	0,317
CHR7	15780268	CHR7:15780268	SSF x LoA	-9,1206782	-0,212	0,299
CHR7	15780288	CHR7:15780288	SSF x LoA	-9,66541505	-0,112	0,297
CHR7	15780300	CHR7:15780300	SSF x LoA	-7,55338473	0,146	0,302
CHR7	15782752	CHR7:15782752	SSF x LoA	-11,3159275	-0,044	0,305
CHR7	15782826	CHR7:15782826	SSF x LoA	-9,63035973	0,097	0,319
CHR7	15783049	CHR7:15783049	SSF x LoA	-8,69476578	0,096	0,310
CHR7	15783100	CHR7:15783100	SSF x LoA	-8,6164685	-0,041	0,305
CHR7	15783101	CHR7:15783101	SSF x LoA	-8,77741048	0,028	0,320
CHR7	15783133	CHR7:15783133	SSF x LoA	-10,0882261	-0,065	0,306
CHR7	15786729	CHR7:15786729	SSF x LoA	-11,7552834	0,022	0,313
CHR7	15790021	CHR7:15790021	SSF x LoA	-7,78853373	-0,128	0,288
CHR7	15792862	CHR7:15792862	SSF x LoA	-9,71880533	0,056	0,321
CHR7	15798953	CHR7:15798953	SSF x LoA	-7,4051829	-0,108	0,302
CHR7	15799013	CHR7:15799013	SSF x LoA	-8,44532818	0,033	0,310
CHR7	15799027	CHR7:15799027	SSF x LoA	-10,7876122	0,046	0,300
CHR7	15807215	CHR7:15807215	SSF x LoA	-10,8988308	-0,018	0,295
CHR7	15807408	CHR7:15807408	SSF x LoA	-2,37774195	0,099	0,311
CHR7	15807425	CHR7:15807425	SSF x LoA	-8,51753399	-0,012	0,312
CHR7	15807445	CHR7:15807445	SSF x LoA	-10,530614	-0,043	0,310
CHR7	15818228	CHR7:15818228	SSF x LoA	-8,65297088	0,127	0,302
CHR7	1582251	CHR7:1582251	SSF x LoA	-6,95318254	0,170	0,296
CHR7	15825631	CHR7:15825631	SSF x LoA	-8,61395698	-0,009	0,314
CHR7	15833852	CHR7:15833852	SSF x LoA	-9,9798796	-0,066	0,293
CHR7	15833857	CHR7:15833857	SSF x LoA	-5,11458342	-0,073	0,299
CHR7	15833885	CHR7:15833885	SSF x LoA	-11,7904085	0,054	0,293
CHR7	15833900	CHR7:15833900	SSF x LoA	-11,7121383	0,062	0,308
CHR7	15833911	CHR7:15833911	SSF x LoA	-10,1023839	0,045	0,307
CHR7	1583938	CHR7:1583938	SSF x LoA	-11,0402965	-0,078	0,307
CHR7	15853153	CHR7:15853153	SSF x LoA	-8,40074557	-0,006	0,315
CHR7	15853159	CHR7:15853159	SSF x LoA	-10,9540149	0,003	0,300
CHR7	15853885	CHR7:15853885	SSF x LoA	-10,180038	0,056	0,295
CHR7	15862145	CHR7:15862145	SSF x LoA	-5,18061979	0,002	0,298
CHR7	15863022	CHR7:15863022	SSF x LoA	-11,0495516	0,055	0,307
CHR7	15863105	CHR7:15863105	SSF x LoA	-10,5254083	-0,010	0,313
CHR7	15863237	CHR7:15863237	SSF x LoA	-10,8630699	0,012	0,302
CHR7	1586845	CHR7:1586845	SSF x LoA	-8,85908772	0,070	0,300
CHR7	1586892	CHR7:1586892	SSF x LoA	-7,70853186	0,011	0,329
CHR7	15869171	CHR7:15869171	SSF x LoA	-8,18839789	-0,110	0,308
CHR7	15888652	CHR7:15888652	SSF x LoA	-8,50113973	0,113	0,300
CHR7	15888658	CHR7:15888658	SSF x LoA	-10,4507697	0,024	0,312
CHR7	15888736	CHR7:15888736	SSF x LoA	-9,92042504	0,078	0,297
CHR7	15888742	CHR7:15888742	SSF x LoA	-9,91882829	0,063	0,292
CHR7	15888848	CHR7:15888848	SSF x LoA	-10,793938	-0,014	0,303
CHR7	15899987	CHR7:15899987	SSF x LoA	-9,50630425	0,007	0,308
CHR7	15900187	CHR7:15900187	SSF x LoA	-8,86142452	0,124	0,307
CHR7	15907293	CHR7:15907293	SSF x LoA	-8,41803411	0,091	0,313
CHR7	15907306	CHR7:15907306	SSF x LoA	-8,34149692	-0,128	0,316
CHR7	15911552	CHR7:15911552	SSF x LoA	-9,24892966	-0,103	0,309
CHR7	15911556	CHR7:15911556	SSF x LoA	-10,7168942	0,027	0,302
CHR7	15911557	CHR7:15911557	SSF x LoA	-11,1789799	-0,034	0,303
CHR7	15911580	CHR7:15911580	SSF x LoA	-9,47167735	0,055	0,309

CHR7	15915353	CHR7:15915353	SSF x LoA	-8,12529684	0,107	0,294
CHR7	15915438	CHR7:15915438	SSF x LoA	-8,51081565	0,082	0,305
CHR7	15915458	CHR7:15915458	SSF x LoA	-10,01769	0,039	0,313
CHR7	1593212	CHR7:1593212	SSF x LoA	-6,59387055	0,134	0,310
CHR7	15938270	CHR7:15938270	SSF x LoA	-9,51391635	-0,048	0,303
CHR7	15938338	CHR7:15938338	SSF x LoA	-11,049858	-0,060	0,313
CHR7	15938381	CHR7:15938381	SSF x LoA	-9,05019343	0,093	0,283
CHR7	15940971	CHR7:15940971	SSF x LoA	-5,82740184	0,054	0,313
CHR7	15948265	CHR7:15948265	SSF x LoA	-11,1928917	0,051	0,309
CHR7	15955924	CHR7:15955924	SSF x LoA	-11,2758349	0,001	0,312
CHR7	15955947	CHR7:15955947	SSF x LoA	-11,036826	-0,021	0,285
CHR7	15956008	CHR7:15956008	SSF x LoA	-9,26285763	-0,038	0,302
CHR7	15956026	CHR7:15956026	SSF x LoA	-8,42843071	-0,081	0,306
CHR7	15956036	CHR7:15956036	SSF x LoA	-11,1965978	0,071	0,300
CHR7	15956043	CHR7:15956043	SSF x LoA	-5,47632623	-0,105	0,311
CHR7	15956073	CHR7:15956073	SSF x LoA	-9,48022439	-0,039	0,311
CHR7	15956076	CHR7:15956076	SSF x LoA	-9,9287908	-0,125	0,291
CHR7	15956083	CHR7:15956083	SSF x LoA	-8,9434676	-0,013	0,304
CHR7	15956088	CHR7:15956088	SSF x LoA	-9,30049656	-0,040	0,306
CHR7	15956144	CHR7:15956144	SSF x LoA	-9,22722375	0,072	0,306
CHR7	15972307	CHR7:15972307	SSF x LoA	-10,4694199	0,092	0,295
CHR7	15984536	CHR7:15984536	SSF x LoA	-10,7102136	0,035	0,310
CHR7	15987005	CHR7:15987005	SSF x LoA	-7,13244373	0,045	0,316
CHR7	15987046	CHR7:15987046	SSF x LoA	-9,17716945	0,102	0,301
CHR7	15987071	CHR7:15987071	SSF x LoA	-6,75973789	-0,072	0,314
CHR7	15987138	CHR7:15987138	SSF x LoA	-8,93471155	0,011	0,314
CHR7	15987197	CHR7:15987197	SSF x LoA	-9,47352596	0,147	0,291
CHR7	15987208	CHR7:15987208	SSF x LoA	-10,1215718	-0,078	0,311
CHR7	15993023	CHR7:15993023	SSF x LoA	-10,9654928	0,073	0,300
CHR7	16000668	CHR7:16000668	SSF x LoA	-7,67856342	-0,042	0,306
CHR7	16000670	CHR7:16000670	SSF x LoA	-6,18755157	0,140	0,307
CHR7	16001046	CHR7:16001046	SSF x LoA	-9,53827973	0,058	0,309
CHR7	16003446	CHR7:16003446	SSF x LoA	-9,97760663	0,082	0,307
CHR7	16003491	CHR7:16003491	SSF x LoA	-7,43883179	0,118	0,308
CHR7	16003496	CHR7:16003496	SSF x LoA	-9,53113653	0,139	0,310
CHR7	16003510	CHR7:16003510	SSF x LoA	-9,84037713	-0,071	0,307
CHR7	16003515	CHR7:16003515	SSF x LoA	-10,7197736	-0,037	0,297
CHR7	16003583	CHR7:16003583	SSF x LoA	-9,45761497	0,007	0,313
CHR7	16006642	CHR7:16006642	SSF x LoA	-10,0159946	0,058	0,322
CHR7	16008663	CHR7:16008663	SSF x LoA	-7,90860013	-0,091	0,303
CHR7	16008674	CHR7:16008674	SSF x LoA	-7,42572988	-0,094	0,304
CHR7	16008751	CHR7:16008751	SSF x LoA	-8,41089504	-0,039	0,297
CHR7	16008752	CHR7:16008752	SSF x LoA	-10,1161788	-0,051	0,296
CHR7	16008768	CHR7:16008768	SSF x LoA	-10,524017	0,005	0,303
CHR7	16017409	CHR7:16017409	SSF x LoA	-10,9120605	0,058	0,310
CHR7	16017410	CHR7:16017410	SSF x LoA	-10,1429516	-0,047	0,292
CHR7	16017429	CHR7:16017429	SSF x LoA	-9,39311669	-0,003	0,293
CHR7	16017441	CHR7:16017441	SSF x LoA	-9,18385257	0,065	0,309
CHR7	16019304	CHR7:16019304	SSF x LoA	-9,1598564	-0,098	0,311
CHR7	1602251	CHR7:1602251	SSF x LoA	-7,74227694	-0,023	0,294
CHR7	1602309	CHR7:1602309	SSF x LoA	-9,7121936	0,002	0,322
CHR7	1602349	CHR7:1602349	SSF x LoA	-8,7985931	-0,024	0,306
CHR7	16036873	CHR7:16036873	SSF x LoA	-9,42351135	0,111	0,301

CHR7	16036877	CHR7:16036877	SSF x LoA	6,56600519	0,013	0,303
CHR7	16036897	CHR7:16036897	SSF x LoA	-8,45503764	-0,159	0,298
CHR7	16037023	CHR7:16037023	SSF x LoA	-11,2278137	0,024	0,315
CHR7	16037140	CHR7:16037140	SSF x LoA	-10,0114575	0,095	0,302
CHR7	16037208	CHR7:16037208	SSF x LoA	-10,0541708	0,091	0,314
CHR7	16039435	CHR7:16039435	SSF x LoA	-7,25735719	0,079	0,311
CHR7	16040277	CHR7:16040277	SSF x LoA	-6,75789405	-0,005	0,309
CHR7	16056433	CHR7:16056433	SSF x LoA	-8,51644799	-0,024	0,333
CHR7	16056541	CHR7:16056541	SSF x LoA	-10,0416828	0,008	0,303
CHR7	16056606	CHR7:16056606	SSF x LoA	-8,08727564	0,099	0,290
CHR7	16076869	CHR7:16076869	SSF x LoA	-11,2284782	-0,006	0,308
CHR7	16080879	CHR7:16080879	SSF x LoA	-11,8427127	0,034	0,300
CHR7	16093750	CHR7:16093750	SSF x LoA	-6,26101054	0,152	0,316
CHR7	16093816	CHR7:16093816	SSF x LoA	-9,92465314	0,049	0,312
CHR7	16098289	CHR7:16098289	SSF x LoA	-8,59432804	0,071	0,320
CHR7	1609949	CHR7:1609949	SSF x LoA	-11,6876632	0,043	0,290
CHR7	1609966	CHR7:1609966	SSF x LoA	-9,42571699	0,004	0,309
CHR7	1609991	CHR7:1609991	SSF x LoA	-8,7274195	0,090	0,303
CHR7	1610030	CHR7:1610030	SSF x LoA	-9,50165651	-0,007	0,311
CHR7	1610075	CHR7:1610075	SSF x LoA	-9,61347445	-0,047	0,312
CHR7	1610918	CHR7:1610918	SSF x LoA	-9,05261137	0,075	0,313
CHR7	1610969	CHR7:1610969	SSF x LoA	-7,16168258	0,016	0,311
CHR7	1610991	CHR7:1610991	SSF x LoA	-9,87371936	-0,005	0,319
CHR7	1611076	CHR7:1611076	SSF x LoA	-7,95777433	-0,029	0,312
CHR7	1611085	CHR7:1611085	SSF x LoA	-10,3587344	0,060	0,309
CHR7	1611089	CHR7:1611089	SSF x LoA	-6,79060845	-0,184	0,299
CHR7	1611110	CHR7:1611110	SSF x LoA	-9,28530415	-0,119	0,315
CHR7	16116089	CHR7:16116089	SSF x LoA	0,57775142	0,172	0,308
CHR7	16116455	CHR7:16116455	SSF x LoA	-9,48759455	0,108	0,298
CHR7	16121750	CHR7:16121750	SSF x LoA	-11,1156255	0,082	0,300
CHR7	16121777	CHR7:16121777	SSF x LoA	-10,1962886	-0,002	0,307
CHR7	16121793	CHR7:16121793	SSF x LoA	-9,92556156	0,111	0,319
CHR7	16121860	CHR7:16121860	SSF x LoA	-7,65258057	0,141	0,306
CHR7	16121883	CHR7:16121883	SSF x LoA	-6,73776235	0,136	0,295
CHR7	16123274	CHR7:16123274	SSF x LoA	-8,03024922	0,048	0,305
CHR7	16123278	CHR7:16123278	SSF x LoA	-8,6488465	0,059	0,295
CHR7	16123373	CHR7:16123373	SSF x LoA	-10,17222	0,006	0,315
CHR7	16132234	CHR7:16132234	SSF x LoA	-8,07521662	0,118	0,314
CHR7	16137567	CHR7:16137567	SSF x LoA	-7,83996393	0,122	0,307
CHR7	16139686	CHR7:16139686	SSF x LoA	-8,18670439	-0,086	0,309
CHR7	16139710	CHR7:16139710	SSF x LoA	-11,6618127	0,033	0,305
CHR7	16143976	CHR7:16143976	SSF x LoA	-9,86933102	-0,123	0,306
CHR7	16143980	CHR7:16143980	SSF x LoA	-9,36664276	-0,075	0,315
CHR7	16144008	CHR7:16144008	SSF x LoA	-8,92681555	-0,011	0,329
CHR7	16144010	CHR7:16144010	SSF x LoA	-10,7378999	-0,063	0,301
CHR7	16144015	CHR7:16144015	SSF x LoA	-10,7328628	-0,045	0,307
CHR7	16144024	CHR7:16144024	SSF x LoA	-9,43576933	0,013	0,318
CHR7	16144028	CHR7:16144028	SSF x LoA	-9,60992158	-0,020	0,305
CHR7	16144039	CHR7:16144039	SSF x LoA	-9,81922574	0,005	0,322
CHR7	16144043	CHR7:16144043	SSF x LoA	-10,2952899	0,012	0,317
CHR7	16144083	CHR7:16144083	SSF x LoA	-7,67459666	-0,079	0,311
CHR7	16144084	CHR7:16144084	SSF x LoA	-11,1628085	-0,058	0,301
CHR7	16145926	CHR7:16145926	SSF x LoA	-8,79881018	0,055	0,305

CHR7	16145927	CHR7:16145927	SSF x LoA	-8,76414809	0,060	0,299
CHR7	16145928	CHR7:16145928	SSF x LoA	-7,18064889	0,090	0,307
CHR7	16146325	CHR7:16146325	SSF x LoA	-9,35461468	-0,047	0,299
CHR7	16147450	CHR7:16147450	SSF x LoA	-8,13211267	-0,135	0,285
CHR7	16147457	CHR7:16147457	SSF x LoA	-6,46902235	-0,157	0,286
CHR7	16147470	CHR7:16147470	SSF x LoA	-6,94710436	-0,162	0,291
CHR7	16147476	CHR7:16147476	SSF x LoA	-6,13928261	0,105	0,301
CHR7	16147479	CHR7:16147479	SSF x LoA	-8,45102201	-0,114	0,294
CHR7	16147480	CHR7:16147480	SSF x LoA	-6,78626892	0,098	0,304
CHR7	16147654	CHR7:16147654	SSF x LoA	-9,27958178	0,137	0,283
CHR7	16156126	CHR7:16156126	SSF x LoA	-8,79474464	-0,049	0,316
CHR7	16156260	CHR7:16156260	SSF x LoA	-6,83664836	-0,095	0,306
CHR7	16156785	CHR7:16156785	SSF x LoA	0,94729937	0,034	0,304
CHR7	16160799	CHR7:16160799	SSF x LoA	-8,97852924	0,034	0,309
CHR7	16160800	CHR7:16160800	SSF x LoA	-9,2858923	0,010	0,313
CHR7	16161321	CHR7:16161321	SSF x LoA	-10,0686209	-0,049	0,297
CHR7	16161322	CHR7:16161322	SSF x LoA	-6,93327691	0,081	0,306
CHR7	16161323	CHR7:16161323	SSF x LoA	-6,57512977	0,098	0,298
CHR7	1616168	CHR7:1616168	SSF x LoA	-9,59699073	0,036	0,301
CHR7	1616222	CHR7:1616222	SSF x LoA	-8,36310576	-0,039	0,322
CHR7	1616259	CHR7:1616259	SSF x LoA	-7,67898635	0,113	0,316
CHR7	1616267	CHR7:1616267	SSF x LoA	-9,30882898	-0,008	0,312
CHR7	1616269	CHR7:1616269	SSF x LoA	-8,05597987	-0,011	0,313
CHR7	1616278	CHR7:1616278	SSF x LoA	-9,08527167	-0,022	0,313
CHR7	1616287	CHR7:1616287	SSF x LoA	-6,68399378	0,059	0,321
CHR7	1616332	CHR7:1616332	SSF x LoA	-10,0576244	-0,041	0,313
CHR7	1616334	CHR7:1616334	SSF x LoA	-9,57708344	-0,118	0,294
CHR7	16184604	CHR7:16184604	SSF x LoA	-10,2572961	0,016	0,307
CHR7	16184636	CHR7:16184636	SSF x LoA	-8,60694585	-0,042	0,293
CHR7	16184637	CHR7:16184637	SSF x LoA	-10,049456	0,057	0,304
CHR7	16184803	CHR7:16184803	SSF x LoA	-11,4762789	-0,020	0,293
CHR7	16189999	CHR7:16189999	SSF x LoA	-12,3755148	0,015	0,312
CHR7	16190022	CHR7:16190022	SSF x LoA	-10,0082928	0,085	0,303
CHR7	16192343	CHR7:16192343	SSF x LoA	-6,50675976	0,147	0,303
CHR7	16192348	CHR7:16192348	SSF x LoA	-7,39206779	-0,107	0,305
CHR7	16192363	CHR7:16192363	SSF x LoA	-10,6162801	0,025	0,302
CHR7	16192374	CHR7:16192374	SSF x LoA	-12,2029782	0,012	0,304
CHR7	16195553	CHR7:16195553	SSF x LoA	-4,23991663	0,097	0,308
CHR7	16195703	CHR7:16195703	SSF x LoA	-6,90825082	0,020	0,321
CHR7	16195745	CHR7:16195745	SSF x LoA	-8,09342385	-0,054	0,323
CHR7	16197277	CHR7:16197277	SSF x LoA	-11,072991	-0,079	0,306
CHR7	16197331	CHR7:16197331	SSF x LoA	-0,45505379	-0,188	0,290
CHR7	16197364	CHR7:16197364	SSF x LoA	-10,4138689	-0,096	0,293
CHR7	16197479	CHR7:16197479	SSF x LoA	-7,89796797	-0,129	0,297
CHR7	16199299	CHR7:16199299	SSF x LoA	-5,13432466	-0,044	0,306
CHR7	16199357	CHR7:16199357	SSF x LoA	-10,948994	0,031	0,306
CHR7	16199362	CHR7:16199362	SSF x LoA	-11,0541722	0,026	0,308
CHR7	16199363	CHR7:16199363	SSF x LoA	-10,4502212	0,035	0,303
CHR7	16199387	CHR7:16199387	SSF x LoA	-7,95806078	-0,059	0,314
CHR7	16199407	CHR7:16199407	SSF x LoA	-3,67067916	-0,154	0,302
CHR7	16199413	CHR7:16199413	SSF x LoA	-9,95493179	0,019	0,310
CHR7	16199417	CHR7:16199417	SSF x LoA	-7,71518098	0,133	0,302
CHR7	16199426	CHR7:16199426	SSF x LoA	-7,30103102	-0,155	0,298

CHR7	16206600	CHR7:16206600	SSF x LoA	-11,1919621	-0,036	0,302
CHR7	16206647	CHR7:16206647	SSF x LoA	-8,37435056	-0,020	0,330
CHR7	16208986	CHR7:16208986	SSF x LoA	-8,36223231	-0,006	0,311
CHR7	16213252	CHR7:16213252	SSF x LoA	-7,60653885	-0,087	0,283
CHR7	16213376	CHR7:16213376	SSF x LoA	-11,2759456	0,077	0,302
CHR7	16222825	CHR7:16222825	SSF x LoA	-10,4148664	0,069	0,306
CHR7	16222883	CHR7:16222883	SSF x LoA	-9,81155739	0,058	0,299
CHR7	16222895	CHR7:16222895	SSF x LoA	-11,7087636	0,000	0,290
CHR7	16223103	CHR7:16223103	SSF x LoA	-7,10355527	-0,139	0,305
CHR7	1623044	CHR7:1623044	SSF x LoA	-7,76477676	0,079	0,319
CHR7	16230557	CHR7:16230557	SSF x LoA	-10,8232807	0,083	0,302
CHR7	16230558	CHR7:16230558	SSF x LoA	-9,92599507	0,025	0,290
CHR7	16230561	CHR7:16230561	SSF x LoA	-9,18323974	-0,014	0,308
CHR7	1623057	CHR7:1623057	SSF x LoA	-9,06015112	-0,093	0,302
CHR7	16230708	CHR7:16230708	SSF x LoA	-8,28513999	-0,067	0,303
CHR7	16230720	CHR7:16230720	SSF x LoA	-8,78956239	-0,087	0,302
CHR7	1623102	CHR7:1623102	SSF x LoA	6,86460193	-0,211	0,282
CHR7	1623145	CHR7:1623145	SSF x LoA	-10,1674966	-0,035	0,298
CHR7	1623153	CHR7:1623153	SSF x LoA	-11,5858126	0,033	0,306
CHR7	1623214	CHR7:1623214	SSF x LoA	-9,02282968	-0,016	0,307
CHR7	16250149	CHR7:16250149	SSF x LoA	-6,02329716	0,160	0,293
CHR7	16256471	CHR7:16256471	SSF x LoA	-10,261177	0,020	0,312
CHR7	16259319	CHR7:16259319	SSF x LoA	-7,74176239	-0,077	0,314
CHR7	16259369	CHR7:16259369	SSF x LoA	-10,0949651	-0,085	0,308
CHR7	16259477	CHR7:16259477	SSF x LoA	-9,54143118	-0,077	0,314
CHR7	16259540	CHR7:16259540	SSF x LoA	-12,0375784	0,000	0,315
CHR7	16259548	CHR7:16259548	SSF x LoA	-10,4582611	-0,102	0,300
CHR7	16259586	CHR7:16259586	SSF x LoA	-8,34983119	-0,042	0,313
CHR7	16259596	CHR7:16259596	SSF x LoA	-8,0938192	0,073	0,320
CHR7	16259603	CHR7:16259603	SSF x LoA	-11,5957887	0,027	0,310
CHR7	16259611	CHR7:16259611	SSF x LoA	-7,82289357	0,000	0,307
CHR7	16274744	CHR7:16274744	SSF x LoA	-11,9960655	-0,008	0,306
CHR7	16274750	CHR7:16274750	SSF x LoA	-3,83409437	-0,112	0,298
CHR7	16274751	CHR7:16274751	SSF x LoA	-8,59071736	0,022	0,290
CHR7	16274763	CHR7:16274763	SSF x LoA	-10,0388907	-0,072	0,315
CHR7	16279666	CHR7:16279666	SSF x LoA	-11,3771162	-0,047	0,321
CHR7	16279720	CHR7:16279720	SSF x LoA	-10,4566072	0,036	0,326
CHR7	16279794	CHR7:16279794	SSF x LoA	-10,4506709	-0,005	0,301
CHR7	16279801	CHR7:16279801	SSF x LoA	-8,145712	-0,127	0,309
CHR7	16279850	CHR7:16279850	SSF x LoA	7,51245651	0,129	0,299
CHR7	16280635	CHR7:16280635	SSF x LoA	-11,1203346	-0,058	0,315
CHR7	16280667	CHR7:16280667	SSF x LoA	-9,08799822	0,021	0,299
CHR7	16280687	CHR7:16280687	SSF x LoA	-8,8358895	0,021	0,308
CHR7	16280724	CHR7:16280724	SSF x LoA	-8,88683259	-0,018	0,299
CHR7	16285440	CHR7:16285440	SSF x LoA	-10,1342975	-0,117	0,298
CHR7	16285448	CHR7:16285448	SSF x LoA	-8,45425528	-0,087	0,312
CHR7	1629351	CHR7:1629351	SSF x LoA	-11,6555397	-0,024	0,307
CHR7	1629375	CHR7:1629375	SSF x LoA	-9,41812601	-0,012	0,306
CHR7	1629482	CHR7:1629482	SSF x LoA	-12,7038364	0,061	0,297
CHR7	16302470	CHR7:16302470	SSF x LoA	-8,7950142	-0,067	0,298
CHR7	16302492	CHR7:16302492	SSF x LoA	-10,3373516	0,078	0,309
CHR7	16302518	CHR7:16302518	SSF x LoA	-8,86560803	-0,090	0,300
CHR7	16302626	CHR7:16302626	SSF x LoA	-6,9862495	-0,106	0,310

CHR7	16302680	CHR7:16302680	SSF x LoA	-8,18933161	-0,069	0,306
CHR7	16304558	CHR7:16304558	SSF x LoA	-9,00141727	-0,006	0,314
CHR7	1630975	CHR7:1630975	SSF x LoA	-8,24761608	-0,137	0,296
CHR7	16313548	CHR7:16313548	SSF x LoA	-8,72556033	0,074	0,303
CHR7	16313554	CHR7:16313554	SSF x LoA	-8,87125887	0,055	0,307
CHR7	16313556	CHR7:16313556	SSF x LoA	-10,6738399	0,034	0,312
CHR7	16314597	CHR7:16314597	SSF x LoA	-10,0523923	-0,060	0,297
CHR7	16315820	CHR7:16315820	SSF x LoA	-6,94831534	0,069	0,319
CHR7	16317953	CHR7:16317953	SSF x LoA	-7,3815371	-0,009	0,299
CHR7	16317986	CHR7:16317986	SSF x LoA	-11,036813	0,003	0,318
CHR7	16317996	CHR7:16317996	SSF x LoA	-10,0019724	-0,014	0,312
CHR7	16317997	CHR7:16317997	SSF x LoA	-11,8890096	-0,020	0,296
CHR7	16318009	CHR7:16318009	SSF x LoA	-10,1216021	0,064	0,293
CHR7	16318021	CHR7:16318021	SSF x LoA	-6,74371282	-0,089	0,308
CHR7	16318023	CHR7:16318023	SSF x LoA	-9,42644824	0,071	0,293
CHR7	16318031	CHR7:16318031	SSF x LoA	-9,86931828	0,069	0,290
CHR7	16318073	CHR7:16318073	SSF x LoA	-10,9636273	0,033	0,293
CHR7	16324129	CHR7:16324129	SSF x LoA	-9,89140626	-0,077	0,306
CHR7	16330999	CHR7:16330999	SSF x LoA	-9,84963945	0,010	0,315
CHR7	16331308	CHR7:16331308	SSF x LoA	-0,70777139	-0,039	0,311
CHR7	16342985	CHR7:16342985	SSF x LoA	-11,3741583	-0,012	0,316
CHR7	16357130	CHR7:16357130	SSF x LoA	-9,01360121	-0,041	0,314
CHR7	16357153	CHR7:16357153	SSF x LoA	-8,95270308	-0,097	0,315
CHR7	16362953	CHR7:16362953	SSF x LoA	-9,4026483	0,031	0,299
CHR7	16363019	CHR7:16363019	SSF x LoA	-10,4946449	0,143	0,297
CHR7	16363093	CHR7:16363093	SSF x LoA	-9,01500887	0,158	0,306
CHR7	16368757	CHR7:16368757	SSF x LoA	-8,53396439	0,001	0,302
CHR7	16368801	CHR7:16368801	SSF x LoA	-8,25550022	-0,077	0,299
CHR7	16368804	CHR7:16368804	SSF x LoA	-7,63539808	0,068	0,319
CHR7	16368898	CHR7:16368898	SSF x LoA	-8,57280562	-0,053	0,296
CHR7	16368976	CHR7:16368976	SSF x LoA	-9,50748112	0,086	0,312
CHR7	16376528	CHR7:16376528	SSF x LoA	-10,334512	-0,089	0,299
CHR7	16376585	CHR7:16376585	SSF x LoA	-10,3816969	-0,051	0,318
CHR7	16376603	CHR7:16376603	SSF x LoA	-6,48192243	0,153	0,310
CHR7	16376632	CHR7:16376632	SSF x LoA	-10,3825355	-0,066	0,311
CHR7	16382315	CHR7:16382315	SSF x LoA	-11,8150236	-0,035	0,315
CHR7	16382367	CHR7:16382367	SSF x LoA	-7,83201134	-0,093	0,306
CHR7	16382450	CHR7:16382450	SSF x LoA	-8,69894201	0,018	0,323
CHR7	16382488	CHR7:16382488	SSF x LoA	-9,56419546	-0,051	0,297
CHR7	16382492	CHR7:16382492	SSF x LoA	-10,5060848	0,050	0,306
CHR7	1638918	CHR7:1638918	SSF x LoA	-9,27473845	-0,152	0,305
CHR7	1638938	CHR7:1638938	SSF x LoA	-10,547956	-0,070	0,287
CHR7	16398410	CHR7:16398410	SSF x LoA	-6,03759628	-0,107	0,314
CHR7	16398426	CHR7:16398426	SSF x LoA	-9,8591544	0,143	0,311
CHR7	16402051	CHR7:16402051	SSF x LoA	-9,12501056	0,160	0,301
CHR7	16402092	CHR7:16402092	SSF x LoA	-8,83757927	-0,048	0,311
CHR7	16405108	CHR7:16405108	SSF x LoA	-9,52284287	-0,082	0,313
CHR7	16405304	CHR7:16405304	SSF x LoA	-6,68559489	-0,044	0,307
CHR7	1640546	CHR7:1640546	SSF x LoA	-7,21507409	-0,168	0,292
CHR7	1640570	CHR7:1640570	SSF x LoA	-5,96354458	-0,056	0,303
CHR7	1640655	CHR7:1640655	SSF x LoA	-9,40496193	-0,012	0,301
CHR7	16412333	CHR7:16412333	SSF x LoA	-7,40501866	-0,077	0,287
CHR7	16412364	CHR7:16412364	SSF x LoA	-10,1153603	-0,096	0,310

CHR7	16412389	CHR7:16412389	SSF x LoA	-8,38673933	-0,083	0,304
CHR7	16412744	CHR7:16412744	SSF x LoA	-5,72408128	-0,124	0,301
CHR7	16412759	CHR7:16412759	SSF x LoA	-10,71512	0,004	0,304
CHR7	16415140	CHR7:16415140	SSF x LoA	-5,48743146	-0,228	0,308
CHR7	16415861	CHR7:16415861	SSF x LoA	-11,3323289	0,000	0,299
CHR7	16418219	CHR7:16418219	SSF x LoA	-9,4825884	-0,035	0,294
CHR7	16418378	CHR7:16418378	SSF x LoA	-10,4845484	0,093	0,294
CHR7	16418434	CHR7:16418434	SSF x LoA	-4,85105603	-0,166	0,301
CHR7	16441041	CHR7:16441041	SSF x LoA	-7,14718701	-0,098	0,304
CHR7	16441043	CHR7:16441043	SSF x LoA	-10,8673186	0,023	0,309
CHR7	16441045	CHR7:16441045	SSF x LoA	-6,29817749	-0,103	0,316
CHR7	16441055	CHR7:16441055	SSF x LoA	-8,72942317	-0,004	0,316
CHR7	16441222	CHR7:16441222	SSF x LoA	-10,4646926	-0,047	0,299
CHR7	16458881	CHR7:16458881	SSF x LoA	-7,76221703	-0,142	0,305
CHR7	16458893	CHR7:16458893	SSF x LoA	-10,7361505	-0,004	0,307
CHR7	16458894	CHR7:16458894	SSF x LoA	-9,86492638	-0,049	0,307
CHR7	16458895	CHR7:16458895	SSF x LoA	-8,76565529	0,008	0,310
CHR7	16459206	CHR7:16459206	SSF x LoA	-9,74642195	0,100	0,298
CHR7	16459230	CHR7:16459230	SSF x LoA	-8,49931698	-0,010	0,309
CHR7	16459265	CHR7:16459265	SSF x LoA	-10,2093843	-0,154	0,296
CHR7	16459298	CHR7:16459298	SSF x LoA	-9,83078902	-0,046	0,302
CHR7	16459302	CHR7:16459302	SSF x LoA	-9,20124832	-0,051	0,294
CHR7	16459318	CHR7:16459318	SSF x LoA	-7,49658861	-0,047	0,306
CHR7	16459331	CHR7:16459331	SSF x LoA	-11,5890057	-0,010	0,312
CHR7	16462910	CHR7:16462910	SSF x LoA	-8,08229172	-0,051	0,311
CHR7	16462940	CHR7:16462940	SSF x LoA	-8,12788262	-0,059	0,311
CHR7	16462942	CHR7:16462942	SSF x LoA	-7,83836963	-0,033	0,303
CHR7	16462976	CHR7:16462976	SSF x LoA	-9,34717129	-0,019	0,310
CHR7	1646401	CHR7:1646401	SSF x LoA	-10,5352749	-0,120	0,305
CHR7	16474595	CHR7:16474595	SSF x LoA	-6,86108089	-0,068	0,305
CHR7	16474620	CHR7:16474620	SSF x LoA	-9,87441664	-0,016	0,310
CHR7	16474637	CHR7:16474637	SSF x LoA	-11,4250057	-0,065	0,304
CHR7	16474672	CHR7:16474672	SSF x LoA	-8,63809459	-0,176	0,303
CHR7	16480526	CHR7:16480526	SSF x LoA	-8,97996388	0,132	0,310
CHR7	16480552	CHR7:16480552	SSF x LoA	-11,1122995	-0,007	0,302
CHR7	16480688	CHR7:16480688	SSF x LoA	-9,12428667	-0,057	0,316
CHR7	1648117	CHR7:1648117	SSF x LoA	-7,24946164	-0,075	0,305
CHR7	1648118	CHR7:1648118	SSF x LoA	-11,9224947	-0,052	0,309
CHR7	1648137	CHR7:1648137	SSF x LoA	-7,74951578	0,046	0,303
CHR7	1648181	CHR7:1648181	SSF x LoA	-9,24316616	0,077	0,298
CHR7	1648195	CHR7:1648195	SSF x LoA	-6,59969965	0,125	0,301
CHR7	1648202	CHR7:1648202	SSF x LoA	-2,97425957	0,110	0,303
CHR7	1648210	CHR7:1648210	SSF x LoA	-10,3276844	0,013	0,318
CHR7	16488377	CHR7:16488377	SSF x LoA	-8,98592826	0,013	0,305
CHR7	16488378	CHR7:16488378	SSF x LoA	-9,51511701	-0,025	0,313
CHR7	16488386	CHR7:16488386	SSF x LoA	-7,47760685	-0,005	0,283
CHR7	16488387	CHR7:16488387	SSF x LoA	-10,1994382	-0,021	0,296
CHR7	16488399	CHR7:16488399	SSF x LoA	-10,4566066	0,030	0,293
CHR7	16488485	CHR7:16488485	SSF x LoA	4,48082783	-0,115	0,301
CHR7	16488564	CHR7:16488564	SSF x LoA	-10,9346841	-0,042	0,311
CHR7	16488582	CHR7:16488582	SSF x LoA	-10,7741179	0,056	0,308
CHR7	16488589	CHR7:16488589	SSF x LoA	-11,2028246	-0,001	0,303
CHR7	16488598	CHR7:16488598	SSF x LoA	-8,25136006	-0,156	0,298

CHR7	16488658	CHR7:16488658	SSF x LoA	-10,9659673	0,031	0,313
CHR7	1648902	CHR7:1648902	SSF x LoA	-9,41907339	-0,018	0,301
CHR7	1648925	CHR7:1648925	SSF x LoA	-6,59023727	0,012	0,325
CHR7	1648966	CHR7:1648966	SSF x LoA	-10,5875414	0,108	0,315
CHR7	16496596	CHR7:16496596	SSF x LoA	-9,25839961	0,088	0,299
CHR7	16496655	CHR7:16496655	SSF x LoA	-5,17072085	-0,005	0,316
CHR7	16496719	CHR7:16496719	SSF x LoA	-7,24000796	-0,056	0,317
CHR7	16499451	CHR7:16499451	SSF x LoA	-7,22072063	-0,032	0,307
CHR7	16499462	CHR7:16499462	SSF x LoA	-8,72283971	-0,015	0,292
CHR7	16499504	CHR7:16499504	SSF x LoA	3,25997717	0,072	0,308
CHR7	16499576	CHR7:16499576	SSF x LoA	-4,79736797	0,141	0,302
CHR7	16502142	CHR7:16502142	SSF x LoA	-8,55300155	0,034	0,310
CHR7	16504203	CHR7:16504203	SSF x LoA	-11,0774034	-0,071	0,310
CHR7	16511663	CHR7:16511663	SSF x LoA	-9,39054488	0,079	0,315
CHR7	16511677	CHR7:16511677	SSF x LoA	-11,2644753	0,074	0,307
CHR7	16511745	CHR7:16511745	SSF x LoA	-8,71600042	0,022	0,296
CHR7	16511765	CHR7:16511765	SSF x LoA	-8,72074589	0,038	0,326
CHR7	16511766	CHR7:16511766	SSF x LoA	-10,2814878	-0,016	0,293
CHR7	16511880	CHR7:16511880	SSF x LoA	-10,1992871	0,054	0,310
CHR7	1651604	CHR7:1651604	SSF x LoA	-11,1920751	0,110	0,299
CHR7	16522015	CHR7:16522015	SSF x LoA	-8,11181024	-0,053	0,317
CHR7	16522018	CHR7:16522018	SSF x LoA	-8,68452254	0,051	0,307
CHR7	16523236	CHR7:16523236	SSF x LoA	-8,31815664	0,029	0,315
CHR7	16529979	CHR7:16529979	SSF x LoA	-9,32039335	-0,082	0,300
CHR7	16530010	CHR7:16530010	SSF x LoA	-10,119138	0,112	0,311
CHR7	16530045	CHR7:16530045	SSF x LoA	-10,7474674	-0,057	0,303
CHR7	16530187	CHR7:16530187	SSF x LoA	-5,07844918	0,095	0,303
CHR7	16534428	CHR7:16534428	SSF x LoA	-8,83053532	-0,030	0,310
CHR7	16544306	CHR7:16544306	SSF x LoA	-9,08355191	0,031	0,306
CHR7	16544341	CHR7:16544341	SSF x LoA	-10,1209141	0,121	0,306
CHR7	16544384	CHR7:16544384	SSF x LoA	-10,0838531	0,049	0,310
CHR7	16546063	CHR7:16546063	SSF x LoA	-8,54192825	-0,027	0,311
CHR7	16555221	CHR7:16555221	SSF x LoA	-11,4963119	-0,093	0,302
CHR7	16559048	CHR7:16559048	SSF x LoA	-10,6320052	0,009	0,306
CHR7	16559090	CHR7:16559090	SSF x LoA	-10,192825	0,051	0,299
CHR7	16578191	CHR7:16578191	SSF x LoA	-8,97472633	-0,045	0,294
CHR7	16578223	CHR7:16578223	SSF x LoA	-9,26001332	-0,050	0,291
CHR7	1657908	CHR7:1657908	SSF x LoA	-5,698687	-0,083	0,314
CHR7	1658015	CHR7:1658015	SSF x LoA	-6,94348191	-0,161	0,299
CHR7	16581487	CHR7:16581487	SSF x LoA	-8,6570121	0,021	0,307
CHR7	16581561	CHR7:16581561	SSF x LoA	-10,1175762	0,080	0,302
CHR7	16581583	CHR7:16581583	SSF x LoA	9,60724558	-0,058	0,313
CHR7	16581586	CHR7:16581586	SSF x LoA	-7,24285123	0,068	0,309
CHR7	16581615	CHR7:16581615	SSF x LoA	-11,814812	0,010	0,321
CHR7	16581623	CHR7:16581623	SSF x LoA	-8,50774544	0,053	0,315
CHR7	16594642	CHR7:16594642	SSF x LoA	-9,46514136	0,078	0,291
CHR7	16594655	CHR7:16594655	SSF x LoA	-7,70624988	0,160	0,291
CHR7	16594657	CHR7:16594657	SSF x LoA	-8,75220219	-0,013	0,316
CHR7	16594719	CHR7:16594719	SSF x LoA	-7,29784027	-0,108	0,304
CHR7	16604831	CHR7:16604831	SSF x LoA	-10,8296131	0,055	0,291
CHR7	1660495	CHR7:1660495	SSF x LoA	-7,27933003	0,173	0,287
CHR7	1661175	CHR7:1661175	SSF x LoA	-11,2036044	0,016	0,301
CHR7	1661187	CHR7:1661187	SSF x LoA	-9,35687888	-0,023	0,317

CHR7	1661273	CHR7:1661273	SSF x LoA	-9,94884226	-0,041	0,311
CHR7	16623489	CHR7:16623489	SSF x LoA	-8,5577684	-0,007	0,316
CHR7	16623590	CHR7:16623590	SSF x LoA	-10,7149762	-0,026	0,306
CHR7	16631325	CHR7:16631325	SSF x LoA	-8,21825051	0,090	0,310
CHR7	16639464	CHR7:16639464	SSF x LoA	-9,53289253	0,122	0,304
CHR7	16639467	CHR7:16639467	SSF x LoA	-8,5650333	0,079	0,303
CHR7	16639475	CHR7:16639475	SSF x LoA	-6,55887921	0,140	0,298
CHR7	16647450	CHR7:16647450	SSF x LoA	-7,02568212	-0,022	0,299
CHR7	16647456	CHR7:16647456	SSF x LoA	-7,40287031	-0,089	0,304
CHR7	16647681	CHR7:16647681	SSF x LoA	-7,73554388	-0,049	0,317
CHR7	16651070	CHR7:16651070	SSF x LoA	-10,661433	0,018	0,310
CHR7	16651086	CHR7:16651086	SSF x LoA	-10,5685273	0,053	0,302
CHR7	16651113	CHR7:16651113	SSF x LoA	-9,19387363	0,020	0,303
CHR7	16651121	CHR7:16651121	SSF x LoA	-10,9188273	-0,005	0,303
CHR7	16651125	CHR7:16651125	SSF x LoA	-11,2480831	0,045	0,295
CHR7	16651127	CHR7:16651127	SSF x LoA	-8,44376269	-0,061	0,299
CHR7	16651174	CHR7:16651174	SSF x LoA	-7,09536605	0,116	0,316
CHR7	16671685	CHR7:16671685	SSF x LoA	-9,2145621	0,075	0,301
CHR7	16671703	CHR7:16671703	SSF x LoA	-8,53161997	-0,019	0,310
CHR7	16671759	CHR7:16671759	SSF x LoA	-8,37027655	-0,049	0,310
CHR7	16671778	CHR7:16671778	SSF x LoA	-9,34100211	-0,026	0,305
CHR7	16671789	CHR7:16671789	SSF x LoA	-8,26746266	0,089	0,298
CHR7	16675190	CHR7:16675190	SSF x LoA	-9,27334719	-0,032	0,304
CHR7	16675221	CHR7:16675221	SSF x LoA	-7,45261899	-0,115	0,315
CHR7	16675264	CHR7:16675264	SSF x LoA	-9,4298246	-0,108	0,302
CHR7	16686434	CHR7:16686434	SSF x LoA	-8,59495055	-0,057	0,314
CHR7	16687412	CHR7:16687412	SSF x LoA	-10,875746	0,121	0,305
CHR7	16696139	CHR7:16696139	SSF x LoA	-9,05866015	0,091	0,311
CHR7	16710154	CHR7:16710154	SSF x LoA	-7,78005486	-0,120	0,303
CHR7	16710168	CHR7:16710168	SSF x LoA	-4,59770357	0,126	0,304
CHR7	16710208	CHR7:16710208	SSF x LoA	-9,83256027	-0,075	0,311
CHR7	16710215	CHR7:16710215	SSF x LoA	-7,91407478	-0,097	0,302
CHR7	16710216	CHR7:16710216	SSF x LoA	-11,1067268	0,007	0,309
CHR7	16710255	CHR7:16710255	SSF x LoA	5,76171114	-0,081	0,304
CHR7	16719005	CHR7:16719005	SSF x LoA	-9,9628474	-0,006	0,312
CHR7	16719061	CHR7:16719061	SSF x LoA	-10,8635935	-0,082	0,299
CHR7	16719779	CHR7:16719779	SSF x LoA	-11,1059165	0,008	0,316
CHR7	16722872	CHR7:16722872	SSF x LoA	-9,40384395	0,007	0,303
CHR7	16722889	CHR7:16722889	SSF x LoA	-10,1916539	0,045	0,320
CHR7	16724770	CHR7:16724770	SSF x LoA	-8,39829671	0,050	0,318
CHR7	16729067	CHR7:16729067	SSF x LoA	-11,8719343	0,040	0,303
CHR7	16729193	CHR7:16729193	SSF x LoA	-11,2736922	0,034	0,310
CHR7	16743198	CHR7:16743198	SSF x LoA	-9,59171853	-0,049	0,307
CHR7	16743318	CHR7:16743318	SSF x LoA	-9,69827086	0,074	0,290
CHR7	16743319	CHR7:16743319	SSF x LoA	-3,52607124	-0,210	0,283
CHR7	16746543	CHR7:16746543	SSF x LoA	-10,7226508	0,083	0,296
CHR7	16746615	CHR7:16746615	SSF x LoA	-8,67381674	0,088	0,315
CHR7	16748521	CHR7:16748521	SSF x LoA	-8,02583356	0,094	0,311
CHR7	16748545	CHR7:16748545	SSF x LoA	-10,5921511	0,018	0,315
CHR7	16748571	CHR7:16748571	SSF x LoA	-10,454915	0,052	0,300
CHR7	16748581	CHR7:16748581	SSF x LoA	-5,61746496	0,092	0,300
CHR7	1675540	CHR7:1675540	SSF x LoA	-5,90943505	0,119	0,303
CHR7	1675690	CHR7:1675690	SSF x LoA	-6,79480062	-0,083	0,306

CHR7	16758080	CHR7:16758080	SSF x LoA	-8,23757032	-0,164	0,292
CHR7	16760820	CHR7:16760820	SSF x LoA	-8,78966968	0,078	0,302
CHR7	16760857	CHR7:16760857	SSF x LoA	-9,33513362	-0,074	0,312
CHR7	16760861	CHR7:16760861	SSF x LoA	-9,35923863	-0,071	0,305
CHR7	16760889	CHR7:16760889	SSF x LoA	-8,74011255	-0,036	0,311
CHR7	16760896	CHR7:16760896	SSF x LoA	-6,06231225	-0,046	0,297
CHR7	16767579	CHR7:16767579	SSF x LoA	-6,51678371	0,163	0,309
CHR7	16771790	CHR7:16771790	SSF x LoA	-8,18158848	0,086	0,320
CHR7	16771823	CHR7:16771823	SSF x LoA	-6,74427904	-0,059	0,303
CHR7	16771825	CHR7:16771825	SSF x LoA	-8,15430803	-0,062	0,303
CHR7	1677233	CHR7:1677233	SSF x LoA	-8,01840396	0,023	0,282
CHR7	1677298	CHR7:1677298	SSF x LoA	-10,6378592	-0,042	0,319
CHR7	16777810	CHR7:16777810	SSF x LoA	-9,25216655	-0,107	0,302
CHR7	16785959	CHR7:16785959	SSF x LoA	-10,3895893	0,038	0,313
CHR7	16785974	CHR7:16785974	SSF x LoA	-9,95435388	0,029	0,306
CHR7	16786007	CHR7:16786007	SSF x LoA	-11,1056334	0,063	0,307
CHR7	16795153	CHR7:16795153	SSF x LoA	-9,05527033	0,155	0,308
CHR7	16795200	CHR7:16795200	SSF x LoA	-9,74131272	-0,092	0,313
CHR7	16795221	CHR7:16795221	SSF x LoA	-11,0751399	0,057	0,313
CHR7	16796664	CHR7:16796664	SSF x LoA	-9,5144071	-0,079	0,311
CHR7	16796714	CHR7:16796714	SSF x LoA	-10,1311146	0,043	0,308
CHR7	16801578	CHR7:16801578	SSF x LoA	-8,84818698	-0,161	0,294
CHR7	16801645	CHR7:16801645	SSF x LoA	-5,56546354	0,199	0,304
CHR7	16801664	CHR7:16801664	SSF x LoA	-7,46510178	-0,180	0,287
CHR7	16807452	CHR7:16807452	SSF x LoA	-8,30019568	-0,001	0,317
CHR7	16807517	CHR7:16807517	SSF x LoA	-10,9904147	-0,010	0,325
CHR7	16807595	CHR7:16807595	SSF x LoA	-9,00712512	-0,036	0,319
CHR7	16807664	CHR7:16807664	SSF x LoA	-8,63506485	-0,041	0,283
CHR7	16814744	CHR7:16814744	SSF x LoA	-7,77384952	0,126	0,308
CHR7	16814771	CHR7:16814771	SSF x LoA	-8,23848985	0,035	0,308
CHR7	16814783	CHR7:16814783	SSF x LoA	-8,60328492	0,038	0,314
CHR7	16814859	CHR7:16814859	SSF x LoA	-8,05319285	0,132	0,305
CHR7	16819031	CHR7:16819031	SSF x LoA	-8,78472167	-0,068	0,297
CHR7	16819167	CHR7:16819167	SSF x LoA	-10,126738	-0,035	0,306
CHR7	16819911	CHR7:16819911	SSF x LoA	-10,0675488	-0,048	0,307
CHR7	16819946	CHR7:16819946	SSF x LoA	-9,05402982	-0,057	0,314
CHR7	16820000	CHR7:16820000	SSF x LoA	-8,83182318	0,026	0,312
CHR7	1682606	CHR7:1682606	SSF x LoA	-9,23862035	-0,004	0,305
CHR7	1682622	CHR7:1682622	SSF x LoA	-9,45633581	-0,116	0,301
CHR7	1682626	CHR7:1682626	SSF x LoA	-6,44354744	-0,180	0,305
CHR7	16831544	CHR7:16831544	SSF x LoA	-10,4577924	-0,007	0,314
CHR7	16834012	CHR7:16834012	SSF x LoA	-8,99652272	0,146	0,307
CHR7	16834015	CHR7:16834015	SSF x LoA	-9,80166801	0,111	0,308
CHR7	16834025	CHR7:16834025	SSF x LoA	-9,00992208	-0,104	0,298
CHR7	16835178	CHR7:16835178	SSF x LoA	-9,66523592	0,016	0,307
CHR7	16839100	CHR7:16839100	SSF x LoA	-5,79307109	0,068	0,308
CHR7	16839186	CHR7:16839186	SSF x LoA	-9,33359285	-0,009	0,312
CHR7	16839430	CHR7:16839430	SSF x LoA	-7,69898693	-0,211	0,296
CHR7	16847919	CHR7:16847919	SSF x LoA	-9,31028823	0,020	0,311
CHR7	16847987	CHR7:16847987	SSF x LoA	-9,97655217	0,071	0,313
CHR7	16848038	CHR7:16848038	SSF x LoA	-6,8961042	-0,009	0,310
CHR7	16848048	CHR7:16848048	SSF x LoA	-9,80549997	0,021	0,306
CHR7	16853109	CHR7:16853109	SSF x LoA	-9,8263986	0,015	0,305

CHR7	16853156	CHR7:16853156	SSF x LoA	-9,85337624	-0,043	0,300
CHR7	16853249	CHR7:16853249	SSF x LoA	-6,72744781	0,009	0,314
CHR7	16862552	CHR7:16862552	SSF x LoA	-10,6500282	-0,038	0,303
CHR7	16864420	CHR7:16864420	SSF x LoA	-7,94114201	0,123	0,301
CHR7	1689148	CHR7:1689148	SSF x LoA	-4,39715304	0,054	0,308
CHR7	1689150	CHR7:1689150	SSF x LoA	-8,3087773	0,066	0,314
CHR7	1689155	CHR7:1689155	SSF x LoA	-9,42622211	0,013	0,307
CHR7	1689210	CHR7:1689210	SSF x LoA	-7,83091835	0,033	0,323
CHR7	16895108	CHR7:16895108	SSF x LoA	-10,9422527	0,049	0,304
CHR7	16897758	CHR7:16897758	SSF x LoA	-9,31319669	-0,023	0,300
CHR7	16897759	CHR7:16897759	SSF x LoA	-11,0114092	-0,056	0,292
CHR7	16906006	CHR7:16906006	SSF x LoA	-11,1489429	0,086	0,304
CHR7	1690690	CHR7:1690690	SSF x LoA	-8,21902211	0,094	0,303
CHR7	1690709	CHR7:1690709	SSF x LoA	-8,97206667	0,074	0,310
CHR7	1690774	CHR7:1690774	SSF x LoA	-6,18431609	-0,058	0,326
CHR7	16913732	CHR7:16913732	SSF x LoA	-10,3045967	-0,012	0,289
CHR7	16913735	CHR7:16913735	SSF x LoA	-9,19930819	0,035	0,316
CHR7	16913771	CHR7:16913771	SSF x LoA	-10,740651	0,039	0,282
CHR7	16913840	CHR7:16913840	SSF x LoA	-10,0712645	0,021	0,304
CHR7	16919758	CHR7:16919758	SSF x LoA	-9,33485481	-0,042	0,311
CHR7	16919760	CHR7:16919760	SSF x LoA	-8,95740365	-0,082	0,311
CHR7	16919834	CHR7:16919834	SSF x LoA	-10,2222706	-0,017	0,296
CHR7	16919921	CHR7:16919921	SSF x LoA	-10,2138764	-0,030	0,301
CHR7	16924144	CHR7:16924144	SSF x LoA	-7,99069859	-0,087	0,309
CHR7	16924223	CHR7:16924223	SSF x LoA	-7,77171896	0,048	0,305
CHR7	16924246	CHR7:16924246	SSF x LoA	-10,3024502	-0,013	0,314
CHR7	16924252	CHR7:16924252	SSF x LoA	-10,6380019	-0,045	0,309
CHR7	16927077	CHR7:16927077	SSF x LoA	-9,39408526	-0,015	0,307
CHR7	16927112	CHR7:16927112	SSF x LoA	-10,9611846	0,034	0,301
CHR7	16928748	CHR7:16928748	SSF x LoA	-6,99026366	-0,053	0,306
CHR7	16928789	CHR7:16928789	SSF x LoA	-7,92066902	0,071	0,329
CHR7	1693053	CHR7:1693053	SSF x LoA	-8,27828026	-0,042	0,305
CHR7	1693131	CHR7:1693131	SSF x LoA	-9,14553467	0,006	0,317
CHR7	1693352	CHR7:1693352	SSF x LoA	-9,76020573	0,038	0,307
CHR7	16960987	CHR7:16960987	SSF x LoA	-6,15048014	0,225	0,297
CHR7	16972919	CHR7:16972919	SSF x LoA	-8,78995843	0,002	0,319
CHR7	16972942	CHR7:16972942	SSF x LoA	-9,41780706	0,075	0,310
CHR7	16976868	CHR7:16976868	SSF x LoA	-11,5545544	0,005	0,301
CHR7	16976870	CHR7:16976870	SSF x LoA	-0,11007643	0,118	0,300
CHR7	16976955	CHR7:16976955	SSF x LoA	-10,6985734	-0,035	0,305
CHR7	16977852	CHR7:16977852	SSF x LoA	-7,03573006	0,058	0,289
CHR7	16986138	CHR7:16986138	SSF x LoA	-8,4459664	-0,053	0,310
CHR7	16988233	CHR7:16988233	SSF x LoA	-9,96327914	-0,042	0,300
CHR7	16988236	CHR7:16988236	SSF x LoA	-9,83970879	-0,045	0,298
CHR7	17004881	CHR7:17004881	SSF x LoA	-8,45613888	0,031	0,297
CHR7	1701898	CHR7:1701898	SSF x LoA	-10,0698665	0,019	0,306
CHR7	1701905	CHR7:1701905	SSF x LoA	-10,4398527	-0,037	0,310
CHR7	1701916	CHR7:1701916	SSF x LoA	-9,43439679	-0,027	0,302
CHR7	17020668	CHR7:17020668	SSF x LoA	-9,28213032	0,053	0,294
CHR7	17020750	CHR7:17020750	SSF x LoA	-8,60105622	0,076	0,317
CHR7	1702723	CHR7:1702723	SSF x LoA	-10,0859061	-0,046	0,305
CHR7	1702785	CHR7:1702785	SSF x LoA	-9,82814824	-0,005	0,318
CHR7	1702795	CHR7:1702795	SSF x LoA	-5,1145489	-0,135	0,302

CHR7	17028456	CHR7:17028456	SSF x LoA	-9,32412982	0,040	0,303
CHR7	1702880	CHR7:1702880	SSF x LoA	-10,0401795	-0,083	0,309
CHR7	1702995	CHR7:1702995	SSF x LoA	-10,3142962	0,121	0,298
CHR7	17033458	CHR7:17033458	SSF x LoA	-9,06120316	0,108	0,306
CHR7	17033695	CHR7:17033695	SSF x LoA	-7,73896653	-0,015	0,305
CHR7	17033721	CHR7:17033721	SSF x LoA	-9,61568583	0,044	0,317
CHR7	17042720	CHR7:17042720	SSF x LoA	-8,55949096	0,075	0,299
CHR7	17051950	CHR7:17051950	SSF x LoA	-8,34194065	-0,132	0,310
CHR7	17052077	CHR7:17052077	SSF x LoA	-9,17222601	0,005	0,315
CHR7	17054792	CHR7:17054792	SSF x LoA	-8,81963682	-0,013	0,319
CHR7	17054873	CHR7:17054873	SSF x LoA	-11,8385663	-0,067	0,294
CHR7	17057615	CHR7:17057615	SSF x LoA	-9,06518717	-0,070	0,295
CHR7	17057637	CHR7:17057637	SSF x LoA	-7,66908741	-0,014	0,318
CHR7	1707366	CHR7:1707366	SSF x LoA	-9,80141136	-0,105	0,298
CHR7	17073667	CHR7:17073667	SSF x LoA	-11,3249058	-0,059	0,310
CHR7	17073760	CHR7:17073760	SSF x LoA	-7,35057639	-0,096	0,292
CHR7	1707545	CHR7:1707545	SSF x LoA	-10,0679521	-0,016	0,293
CHR7	1707631	CHR7:1707631	SSF x LoA	-10,4286204	0,022	0,303
CHR7	17077408	CHR7:17077408	SSF x LoA	-6,40698336	-0,139	0,299
CHR7	17077410	CHR7:17077410	SSF x LoA	-10,6769018	-0,024	0,300
CHR7	17077425	CHR7:17077425	SSF x LoA	-9,16955663	0,002	0,314
CHR7	17080362	CHR7:17080362	SSF x LoA	-11,211932	-0,060	0,309
CHR7	17082835	CHR7:17082835	SSF x LoA	-4,19274815	-0,109	0,311
CHR7	17087618	CHR7:17087618	SSF x LoA	-10,9588913	-0,060	0,304
CHR7	17087782	CHR7:17087782	SSF x LoA	-9,16128778	-0,013	0,303
CHR7	1711253	CHR7:1711253	SSF x LoA	-10,4915676	-0,016	0,301
CHR7	1711284	CHR7:1711284	SSF x LoA	-9,23718649	0,027	0,316
CHR7	1711315	CHR7:1711315	SSF x LoA	-4,69159046	0,002	0,304
CHR7	1711429	CHR7:1711429	SSF x LoA	-1,05761074	-0,074	0,311
CHR7	1711471	CHR7:1711471	SSF x LoA	-9,64443384	0,042	0,286
CHR7	1711507	CHR7:1711507	SSF x LoA	-10,2239444	-0,035	0,302
CHR7	17140208	CHR7:17140208	SSF x LoA	-9,00561343	0,092	0,309
CHR7	17140370	CHR7:17140370	SSF x LoA	-9,42930588	0,065	0,299
CHR7	17161029	CHR7:17161029	SSF x LoA	-11,6221203	0,047	0,289
CHR7	17168975	CHR7:17168975	SSF x LoA	-11,3958495	0,039	0,305
CHR7	17169066	CHR7:17169066	SSF x LoA	-7,86663525	0,091	0,310
CHR7	17179575	CHR7:17179575	SSF x LoA	8,54816613	-0,176	0,301
CHR7	17179682	CHR7:17179682	SSF x LoA	-9,93248824	-0,078	0,291
CHR7	17183643	CHR7:17183643	SSF x LoA	-8,50094237	-0,110	0,305
CHR7	17183657	CHR7:17183657	SSF x LoA	-11,4355577	0,008	0,299
CHR7	17186222	CHR7:17186222	SSF x LoA	-8,587412	-0,089	0,302
CHR7	17186232	CHR7:17186232	SSF x LoA	-11,2713616	-0,017	0,313
CHR7	17186249	CHR7:17186249	SSF x LoA	-9,65772592	0,052	0,310
CHR7	17186422	CHR7:17186422	SSF x LoA	-8,69553616	-0,092	0,315
CHR7	17195352	CHR7:17195352	SSF x LoA	-10,766127	0,022	0,312
CHR7	17195538	CHR7:17195538	SSF x LoA	-10,1373332	-0,074	0,304
CHR7	17195574	CHR7:17195574	SSF x LoA	-5,18924508	0,093	0,317
CHR7	17200829	CHR7:17200829	SSF x LoA	-11,0279204	0,070	0,315
CHR7	17239011	CHR7:17239011	SSF x LoA	-9,91153192	-0,077	0,315
CHR7	17241497	CHR7:17241497	SSF x LoA	-11,5405995	-0,010	0,310
CHR7	17241670	CHR7:17241670	SSF x LoA	-11,0078945	-0,034	0,302
CHR7	17243772	CHR7:17243772	SSF x LoA	-7,66697474	-0,014	0,306
CHR7	17243810	CHR7:17243810	SSF x LoA	-11,5547751	0,005	0,295

CHR7	17255232	CHR7:17255232	SSF x LoA	-10,7634356	0,021	0,307
CHR7	17255359	CHR7:17255359	SSF x LoA	-9,6327556	-0,013	0,306
CHR7	1727657	CHR7:1727657	SSF x LoA	-10,6248197	0,001	0,303
CHR7	1727748	CHR7:1727748	SSF x LoA	-8,33253886	-0,134	0,302
CHR7	17279506	CHR7:17279506	SSF x LoA	-7,24037553	-0,046	0,319
CHR7	1729479	CHR7:1729479	SSF x LoA	-10,1537294	-0,040	0,295
CHR7	17296794	CHR7:17296794	SSF x LoA	-12,2238009	0,007	0,295
CHR7	17308186	CHR7:17308186	SSF x LoA	-11,2974626	-0,072	0,303
CHR7	17308307	CHR7:17308307	SSF x LoA	-10,2176467	-0,133	0,305
CHR7	17308367	CHR7:17308367	SSF x LoA	-5,57529914	-0,112	0,302
CHR7	17310871	CHR7:17310871	SSF x LoA	-10,5121348	0,062	0,301
CHR7	17313011	CHR7:17313011	SSF x LoA	-7,57353601	-0,081	0,306
CHR7	17313167	CHR7:17313167	SSF x LoA	-6,41502385	-0,098	0,313
CHR7	17321332	CHR7:17321332	SSF x LoA	-8,38882891	-0,001	0,312
CHR7	1733284	CHR7:1733284	SSF x LoA	-8,08259561	-0,067	0,304
CHR7	17348570	CHR7:17348570	SSF x LoA	-10,8942312	-0,002	0,305
CHR7	17348577	CHR7:17348577	SSF x LoA	-7,93944502	-0,043	0,309
CHR7	17348788	CHR7:17348788	SSF x LoA	-10,1681004	0,099	0,298
CHR7	17355358	CHR7:17355358	SSF x LoA	-8,36221375	-0,071	0,302
CHR7	17355466	CHR7:17355466	SSF x LoA	-12,3183794	-0,015	0,301
CHR7	17355551	CHR7:17355551	SSF x LoA	-9,74248093	0,035	0,311
CHR7	17355614	CHR7:17355614	SSF x LoA	-9,07169715	0,064	0,299
CHR7	17355620	CHR7:17355620	SSF x LoA	-8,69036621	0,056	0,305
CHR7	17356381	CHR7:17356381	SSF x LoA	-9,92509172	0,053	0,311
CHR7	17356588	CHR7:17356588	SSF x LoA	-9,68139228	0,076	0,314
CHR7	17367068	CHR7:17367068	SSF x LoA	-7,55395108	0,013	0,298
CHR7	17367072	CHR7:17367072	SSF x LoA	-7,48669847	-0,009	0,304
CHR7	17367079	CHR7:17367079	SSF x LoA	-8,91667021	-0,036	0,292
CHR7	17367146	CHR7:17367146	SSF x LoA	-9,08085839	0,172	0,290
CHR7	17367164	CHR7:17367164	SSF x LoA	-7,48920081	0,030	0,323
CHR7	17376261	CHR7:17376261	SSF x LoA	-9,51044503	-0,081	0,303
CHR7	17378442	CHR7:17378442	SSF x LoA	-10,2309504	-0,082	0,294
CHR7	17378452	CHR7:17378452	SSF x LoA	-10,7637143	-0,048	0,307
CHR7	17378505	CHR7:17378505	SSF x LoA	-9,81711825	-0,186	0,289
CHR7	17378535	CHR7:17378535	SSF x LoA	-11,7423694	-0,008	0,304
CHR7	17378591	CHR7:17378591	SSF x LoA	-8,98933661	0,128	0,301
CHR7	17378593	CHR7:17378593	SSF x LoA	-3,85204764	-0,241	0,291
CHR7	1738104	CHR7:1738104	SSF x LoA	-3,61442265	0,154	0,303
CHR7	1738122	CHR7:1738122	SSF x LoA	-9,14828624	0,045	0,306
CHR7	1738126	CHR7:1738126	SSF x LoA	-7,41877264	0,114	0,298
CHR7	17386121	CHR7:17386121	SSF x LoA	-9,93454066	-0,102	0,297
CHR7	17386254	CHR7:17386254	SSF x LoA	-10,9695222	-0,074	0,292
CHR7	17386264	CHR7:17386264	SSF x LoA	-3,24375537	-0,160	0,295
CHR7	17387633	CHR7:17387633	SSF x LoA	-9,23067069	0,005	0,308
CHR7	17387724	CHR7:17387724	SSF x LoA	-8,7045436	-0,038	0,295
CHR7	17387729	CHR7:17387729	SSF x LoA	-8,68540821	0,070	0,323
CHR7	17387753	CHR7:17387753	SSF x LoA	-6,6615552	0,085	0,317
CHR7	17396962	CHR7:17396962	SSF x LoA	-10,7516828	0,061	0,314
CHR7	17396992	CHR7:17396992	SSF x LoA	-8,3805786	0,011	0,314
CHR7	17410125	CHR7:17410125	SSF x LoA	-10,2925769	-0,139	0,295
CHR7	17410254	CHR7:17410254	SSF x LoA	-9,22335824	-0,082	0,322
CHR7	17440920	CHR7:17440920	SSF x LoA	-7,52281317	0,101	0,302
CHR7	1746321	CHR7:1746321	SSF x LoA	-8,39199863	0,024	0,308

CHR7	1746335	CHR7:1746335	SSF x LoA	-9,21550718	-0,051	0,293
CHR7	17474184	CHR7:17474184	SSF x LoA	-10,6843253	-0,105	0,294
CHR7	1748268	CHR7:1748268	SSF x LoA	-10,8539114	-0,030	0,308
CHR7	17494914	CHR7:17494914	SSF x LoA	5,2186724	-0,178	0,299
CHR7	17494970	CHR7:17494970	SSF x LoA	-9,47203178	0,037	0,291
CHR7	17494976	CHR7:17494976	SSF x LoA	-8,87395503	0,159	0,300
CHR7	17495005	CHR7:17495005	SSF x LoA	-10,398996	0,060	0,304
CHR7	1749787	CHR7:1749787	SSF x LoA	-8,35855432	-0,033	0,315
CHR7	1749868	CHR7:1749868	SSF x LoA	-10,5071536	-0,071	0,300
CHR7	17513664	CHR7:17513664	SSF x LoA	-7,34951747	-0,139	0,295
CHR7	17513707	CHR7:17513707	SSF x LoA	-6,77179203	0,115	0,301
CHR7	17513715	CHR7:17513715	SSF x LoA	-10,1182957	0,029	0,301
CHR7	17513737	CHR7:17513737	SSF x LoA	-7,18476823	0,159	0,287
CHR7	17513808	CHR7:17513808	SSF x LoA	-11,8661777	-0,034	0,306
CHR7	1751930	CHR7:1751930	SSF x LoA	-9,17440829	0,054	0,297
CHR7	17521609	CHR7:17521609	SSF x LoA	-10,2033856	0,074	0,306
CHR7	17524971	CHR7:17524971	SSF x LoA	-5,65133263	-0,022	0,309
CHR7	17524974	CHR7:17524974	SSF x LoA	-7,48343156	0,131	0,308
CHR7	17527103	CHR7:17527103	SSF x LoA	-9,992549	0,107	0,304
CHR7	17532715	CHR7:17532715	SSF x LoA	-7,88299572	-0,037	0,318
CHR7	17533635	CHR7:17533635	SSF x LoA	-5,65114769	0,011	0,296
CHR7	17536928	CHR7:17536928	SSF x LoA	-8,16995477	-0,053	0,320
CHR7	17538190	CHR7:17538190	SSF x LoA	-11,1141888	0,103	0,306
CHR7	17539624	CHR7:17539624	SSF x LoA	-8,95288731	0,054	0,299
CHR7	17539672	CHR7:17539672	SSF x LoA	-4,9008577	-0,137	0,310
CHR7	17539695	CHR7:17539695	SSF x LoA	-8,60307313	-0,140	0,298
CHR7	17539703	CHR7:17539703	SSF x LoA	-6,22055713	-0,123	0,290
CHR7	17539712	CHR7:17539712	SSF x LoA	-8,30673027	-0,138	0,286
CHR7	17539759	CHR7:17539759	SSF x LoA	-10,6607989	0,029	0,318
CHR7	17539822	CHR7:17539822	SSF x LoA	-5,2648094	-0,003	0,307
CHR7	17539835	CHR7:17539835	SSF x LoA	-8,39106518	-0,095	0,304
CHR7	17539865	CHR7:17539865	SSF x LoA	-7,64742587	0,012	0,316
CHR7	17539871	CHR7:17539871	SSF x LoA	-7,12645942	-0,110	0,302
CHR7	17551625	CHR7:17551625	SSF x LoA	-7,39202514	-0,003	0,311
CHR7	17551690	CHR7:17551690	SSF x LoA	-8,69938794	0,065	0,302
CHR7	17561480	CHR7:17561480	SSF x LoA	-7,95404915	-0,016	0,317
CHR7	17561516	CHR7:17561516	SSF x LoA	-10,0603579	-0,036	0,303
CHR7	17561527	CHR7:17561527	SSF x LoA	-10,66958	-0,056	0,309
CHR7	17561551	CHR7:17561551	SSF x LoA	-8,69842408	0,054	0,299
CHR7	17561583	CHR7:17561583	SSF x LoA	-9,89171738	-0,109	0,300
CHR7	17561590	CHR7:17561590	SSF x LoA	-10,7355872	-0,028	0,306
CHR7	17561623	CHR7:17561623	SSF x LoA	-10,0614199	-0,073	0,306
CHR7	17563984	CHR7:17563984	SSF x LoA	-8,49465728	-0,046	0,310
CHR7	17564046	CHR7:17564046	SSF x LoA	-5,72711803	-0,159	0,296
CHR7	17564055	CHR7:17564055	SSF x LoA	-9,14221075	-0,041	0,306
CHR7	17564059	CHR7:17564059	SSF x LoA	-7,48157459	-0,031	0,320
CHR7	17564315	CHR7:17564315	SSF x LoA	-7,05975632	0,156	0,305
CHR7	17569902	CHR7:17569902	SSF x LoA	-5,04269161	-0,174	0,321
CHR7	17570079	CHR7:17570079	SSF x LoA	-7,81904725	-0,022	0,311
CHR7	17570151	CHR7:17570151	SSF x LoA	-8,44060571	-0,041	0,326
CHR7	17570187	CHR7:17570187	SSF x LoA	-7,10863981	-0,020	0,326
CHR7	17570676	CHR7:17570676	SSF x LoA	-1,80023136	0,102	0,295
CHR7	17570763	CHR7:17570763	SSF x LoA	-8,8270105	-0,015	0,309

CHR7	17573809	CHR7:17573809	SSF x LoA	-11,2312469	0,083	0,289
CHR7	17578117	CHR7:17578117	SSF x LoA	-6,69773985	0,142	0,307
CHR7	17578210	CHR7:17578210	SSF x LoA	-11,422313	-0,043	0,302
CHR7	17580349	CHR7:17580349	SSF x LoA	-9,32266486	0,017	0,320
CHR7	17580463	CHR7:17580463	SSF x LoA	-10,888068	0,021	0,315
CHR7	17581126	CHR7:17581126	SSF x LoA	-11,4224297	-0,040	0,306
CHR7	17581174	CHR7:17581174	SSF x LoA	-10,663148	-0,030	0,306
CHR7	17584277	CHR7:17584277	SSF x LoA	-10,0332452	-0,030	0,320
CHR7	17585165	CHR7:17585165	SSF x LoA	-8,68256005	0,054	0,325
CHR7	17585196	CHR7:17585196	SSF x LoA	-12,0448288	-0,090	0,305
CHR7	17590525	CHR7:17590525	SSF x LoA	-11,0786735	0,025	0,315
CHR7	17590530	CHR7:17590530	SSF x LoA	-7,95639998	0,110	0,305
CHR7	17590550	CHR7:17590550	SSF x LoA	-9,57802096	0,019	0,310
CHR7	17590592	CHR7:17590592	SSF x LoA	-10,4696198	-0,147	0,301
CHR7	17590602	CHR7:17590602	SSF x LoA	-9,63085488	-0,153	0,295
CHR7	17590648	CHR7:17590648	SSF x LoA	-7,73254628	-0,031	0,326
CHR7	17593953	CHR7:17593953	SSF x LoA	-8,76035376	-0,092	0,305
CHR7	17593994	CHR7:17593994	SSF x LoA	5,22994726	0,035	0,305
CHR7	17603348	CHR7:17603348	SSF x LoA	-8,35816095	0,002	0,303
CHR7	17609926	CHR7:17609926	SSF x LoA	-9,86469992	-0,151	0,300
CHR7	17610039	CHR7:17610039	SSF x LoA	-8,90256123	-0,062	0,307
CHR7	17611691	CHR7:17611691	SSF x LoA	-10,5448022	-0,132	0,299
CHR7	17612238	CHR7:17612238	SSF x LoA	-9,38777663	-0,061	0,310
CHR7	17630347	CHR7:17630347	SSF x LoA	-10,3742174	0,036	0,306
CHR7	17630393	CHR7:17630393	SSF x LoA	-8,94268761	-0,092	0,297
CHR7	17630430	CHR7:17630430	SSF x LoA	-1,36999782	-0,163	0,292
CHR7	17630432	CHR7:17630432	SSF x LoA	-6,34057735	-0,163	0,297
CHR7	17630435	CHR7:17630435	SSF x LoA	-7,60813691	-0,189	0,291
CHR7	17630523	CHR7:17630523	SSF x LoA	-3,5835112	-0,149	0,298
CHR7	17630682	CHR7:17630682	SSF x LoA	-8,76955335	0,107	0,311
CHR7	17636888	CHR7:17636888	SSF x LoA	-9,78235016	0,041	0,306
CHR7	1764239	CHR7:1764239	SSF x LoA	-7,8813678	0,148	0,286
CHR7	1764240	CHR7:1764240	SSF x LoA	-5,03682753	0,155	0,305
CHR7	1764319	CHR7:1764319	SSF x LoA	-9,07834912	-0,047	0,298
CHR7	1764357	CHR7:1764357	SSF x LoA	-8,10601383	-0,165	0,305
CHR7	1765383	CHR7:1765383	SSF x LoA	-11,7578428	0,001	0,309
CHR7	17659986	CHR7:17659986	SSF x LoA	-9,00236533	0,003	0,283
CHR7	17660009	CHR7:17660009	SSF x LoA	-10,6714957	-0,030	0,303
CHR7	17660012	CHR7:17660012	SSF x LoA	-10,8141875	-0,017	0,294
CHR7	17660096	CHR7:17660096	SSF x LoA	-7,83440428	0,127	0,306
CHR7	17660144	CHR7:17660144	SSF x LoA	-9,21306159	-0,095	0,289
CHR7	17660195	CHR7:17660195	SSF x LoA	-9,30027787	0,043	0,304
CHR7	17683512	CHR7:17683512	SSF x LoA	-8,41371556	-0,062	0,308
CHR7	17683541	CHR7:17683541	SSF x LoA	-7,64515025	0,129	0,317
CHR7	17683578	CHR7:17683578	SSF x LoA	-11,8027101	0,015	0,302
CHR7	17683583	CHR7:17683583	SSF x LoA	-8,71852644	-0,050	0,321
CHR7	17683585	CHR7:17683585	SSF x LoA	-10,8708974	-0,004	0,297
CHR7	17683586	CHR7:17683586	SSF x LoA	-9,47059646	0,068	0,310
CHR7	17683606	CHR7:17683606	SSF x LoA	-9,44153595	0,094	0,298
CHR7	17683610	CHR7:17683610	SSF x LoA	-11,4737152	0,040	0,306
CHR7	17683618	CHR7:17683618	SSF x LoA	-11,874932	0,031	0,299
CHR7	17683625	CHR7:17683625	SSF x LoA	-6,11531107	-0,129	0,316
CHR7	17683679	CHR7:17683679	SSF x LoA	-10,070316	0,027	0,313

CHR7	17683682	CHR7:17683682	SSF x LoA	-11,7399005	0,073	0,299
CHR7	17683721	CHR7:17683721	SSF x LoA	-11,2783532	-0,002	0,299
CHR7	17685644	CHR7:17685644	SSF x LoA	-11,5183954	-0,086	0,301
CHR7	17685809	CHR7:17685809	SSF x LoA	-8,19595574	0,081	0,307
CHR7	17689285	CHR7:17689285	SSF x LoA	-9,29239979	-0,012	0,304
CHR7	17699845	CHR7:17699845	SSF x LoA	-8,87840136	0,053	0,305
CHR7	17699920	CHR7:17699920	SSF x LoA	-10,8060206	-0,035	0,302
CHR7	17700027	CHR7:17700027	SSF x LoA	-10,8266936	-0,055	0,308
CHR7	17700040	CHR7:17700040	SSF x LoA	-9,38680457	0,002	0,307
CHR7	17700053	CHR7:17700053	SSF x LoA	5,94001588	0,052	0,312
CHR7	17700057	CHR7:17700057	SSF x LoA	-11,1026791	0,101	0,296
CHR7	17700060	CHR7:17700060	SSF x LoA	-10,4180419	-0,063	0,310
CHR7	17701882	CHR7:17701882	SSF x LoA	-10,2829019	-0,085	0,316
CHR7	17702122	CHR7:17702122	SSF x LoA	-8,59452137	-0,008	0,317
CHR7	17702136	CHR7:17702136	SSF x LoA	-8,10344025	0,128	0,306
CHR7	17704610	CHR7:17704610	SSF x LoA	-8,50693752	-0,124	0,310
CHR7	17704641	CHR7:17704641	SSF x LoA	-9,19096132	0,070	0,306
CHR7	17704659	CHR7:17704659	SSF x LoA	-8,98100062	0,060	0,310
CHR7	17705266	CHR7:17705266	SSF x LoA	-6,63244775	-0,119	0,305
CHR7	17705289	CHR7:17705289	SSF x LoA	-10,6309897	0,033	0,300
CHR7	17714443	CHR7:17714443	SSF x LoA	-9,14021937	-0,046	0,291
CHR7	17714447	CHR7:17714447	SSF x LoA	-10,715106	0,126	0,302
CHR7	17714455	CHR7:17714455	SSF x LoA	-9,70551546	-0,051	0,313
CHR7	17714522	CHR7:17714522	SSF x LoA	-9,30960777	-0,064	0,298
CHR7	17714557	CHR7:17714557	SSF x LoA	-8,22595661	0,076	0,295
CHR7	17715545	CHR7:17715545	SSF x LoA	-9,72858586	-0,181	0,300
CHR7	17720943	CHR7:17720943	SSF x LoA	-5,88108171	-0,011	0,299
CHR7	17720965	CHR7:17720965	SSF x LoA	-10,6788114	0,101	0,298
CHR7	17720998	CHR7:17720998	SSF x LoA	-8,33785475	-0,174	0,298
CHR7	17721017	CHR7:17721017	SSF x LoA	-5,82387443	-0,115	0,318
CHR7	17721128	CHR7:17721128	SSF x LoA	-11,6471362	0,039	0,309
CHR7	17721206	CHR7:17721206	SSF x LoA	-9,44374954	-0,124	0,302
CHR7	17724950	CHR7:17724950	SSF x LoA	-12,1816864	-0,060	0,312
CHR7	17725006	CHR7:17725006	SSF x LoA	-8,78461666	-0,073	0,306
CHR7	17731201	CHR7:17731201	SSF x LoA	-10,242664	0,025	0,297
CHR7	17731241	CHR7:17731241	SSF x LoA	-8,83707869	0,017	0,321
CHR7	17731911	CHR7:17731911	SSF x LoA	-9,20773049	-0,029	0,297
CHR7	17732007	CHR7:17732007	SSF x LoA	-11,9199338	-0,038	0,299
CHR7	17735342	CHR7:17735342	SSF x LoA	-6,15733288	-0,141	0,307
CHR7	17735343	CHR7:17735343	SSF x LoA	-9,68217669	0,130	0,306
CHR7	17735360	CHR7:17735360	SSF x LoA	-7,8973828	-0,181	0,296
CHR7	17743448	CHR7:17743448	SSF x LoA	-8,0475132	0,049	0,313
CHR7	17743451	CHR7:17743451	SSF x LoA	-7,57383232	0,009	0,301
CHR7	17743549	CHR7:17743549	SSF x LoA	-10,9011241	0,057	0,308
CHR7	17744041	CHR7:17744041	SSF x LoA	2,3460162	0,109	0,301
CHR7	17745031	CHR7:17745031	SSF x LoA	-10,8509367	0,083	0,305
CHR7	17764977	CHR7:17764977	SSF x LoA	-10,1636636	0,022	0,323
CHR7	177706	CHR7:177706	SSF x LoA	-7,8339533	0,103	0,298
CHR7	17773179	CHR7:17773179	SSF x LoA	-8,86425872	-0,001	0,303
CHR7	17778493	CHR7:17778493	SSF x LoA	-8,18325144	0,071	0,290
CHR7	17778525	CHR7:17778525	SSF x LoA	-8,0531453	0,078	0,283
CHR7	17778528	CHR7:17778528	SSF x LoA	-8,23584263	0,062	0,284
CHR7	17797058	CHR7:17797058	SSF x LoA	-9,89521071	-0,033	0,316

CHR7	17797301	CHR7:17797301	SSF x LoA	-11,1572684	0,022	0,304
CHR7	17801595	CHR7:17801595	SSF x LoA	-9,58686459	-0,121	0,293
CHR7	17801635	CHR7:17801635	SSF x LoA	-5,61760329	0,252	0,287
CHR7	17803324	CHR7:17803324	SSF x LoA	-8,08682246	0,071	0,291
CHR7	17803325	CHR7:17803325	SSF x LoA	-6,59505405	0,111	0,306
CHR7	17808657	CHR7:17808657	SSF x LoA	-9,05199417	0,083	0,296
CHR7	17808791	CHR7:17808791	SSF x LoA	-8,58926914	0,030	0,315
CHR7	17808792	CHR7:17808792	SSF x LoA	-8,89626368	0,060	0,302
CHR7	17808801	CHR7:17808801	SSF x LoA	-11,0154389	0,035	0,312
CHR7	17808844	CHR7:17808844	SSF x LoA	-9,63282346	-0,012	0,307
CHR7	1781172	CHR7:1781172	SSF x LoA	-8,89553151	-0,053	0,327
CHR7	17814697	CHR7:17814697	SSF x LoA	-8,08500967	-0,107	0,308
CHR7	17814712	CHR7:17814712	SSF x LoA	-10,8387981	-0,105	0,308
CHR7	17814891	CHR7:17814891	SSF x LoA	-7,52304799	0,097	0,306
CHR7	17820892	CHR7:17820892	SSF x LoA	-9,3778521	0,061	0,312
CHR7	17820907	CHR7:17820907	SSF x LoA	-10,1147582	-0,110	0,305
CHR7	17824826	CHR7:17824826	SSF x LoA	-5,79744298	-0,206	0,299
CHR7	17824862	CHR7:17824862	SSF x LoA	-6,29804723	0,140	0,299
CHR7	17828533	CHR7:17828533	SSF x LoA	-11,2948803	-0,008	0,313
CHR7	17828763	CHR7:17828763	SSF x LoA	-2,84660884	0,009	0,305
CHR7	17831674	CHR7:17831674	SSF x LoA	-5,89042574	0,117	0,301
CHR7	17832387	CHR7:17832387	SSF x LoA	-6,51513825	0,060	0,306
CHR7	17840391	CHR7:17840391	SSF x LoA	-6,81121431	0,201	0,303
CHR7	17845342	CHR7:17845342	SSF x LoA	-9,86153597	-0,042	0,304
CHR7	17845369	CHR7:17845369	SSF x LoA	-8,42645065	0,109	0,306
CHR7	17845372	CHR7:17845372	SSF x LoA	-2,22822734	0,102	0,307
CHR7	17845415	CHR7:17845415	SSF x LoA	-10,7886643	-0,010	0,320
CHR7	17848577	CHR7:17848577	SSF x LoA	-11,47237	-0,069	0,303
CHR7	17849189	CHR7:17849189	SSF x LoA	-7,39665676	0,064	0,307
CHR7	1785145	CHR7:1785145	SSF x LoA	-8,84603963	-0,019	0,312
CHR7	1785166	CHR7:1785166	SSF x LoA	-11,7175036	-0,037	0,301
CHR7	1785168	CHR7:1785168	SSF x LoA	-10,8753229	-0,046	0,305
CHR7	1785173	CHR7:1785173	SSF x LoA	-8,54704751	0,032	0,300
CHR7	17852939	CHR7:17852939	SSF x LoA	-0,63582353	0,053	0,295
CHR7	17853048	CHR7:17853048	SSF x LoA	-8,2774264	-0,076	0,320
CHR7	17853076	CHR7:17853076	SSF x LoA	-9,72885881	-0,073	0,305
CHR7	17855072	CHR7:17855072	SSF x LoA	-11,4076503	-0,083	0,303
CHR7	17857666	CHR7:17857666	SSF x LoA	-4,27478513	0,250	0,283
CHR7	17857674	CHR7:17857674	SSF x LoA	-4,88842122	0,229	0,287
CHR7	17857690	CHR7:17857690	SSF x LoA	-1,04355513	0,277	0,272
CHR7	17857710	CHR7:17857710	SSF x LoA	-7,71425364	-0,003	0,308
CHR7	17857746	CHR7:17857746	SSF x LoA	-5,49430166	0,237	0,287
CHR7	17857748	CHR7:17857748	SSF x LoA	-3,45344751	0,207	0,297
CHR7	17857762	CHR7:17857762	SSF x LoA	-9,6695347	-0,189	0,305
CHR7	17857774	CHR7:17857774	SSF x LoA	-9,01354532	0,167	0,309
CHR7	17857879	CHR7:17857879	SSF x LoA	-7,49756429	0,189	0,297
CHR7	17865816	CHR7:17865816	SSF x LoA	-8,88916366	-0,055	0,293
CHR7	17865822	CHR7:17865822	SSF x LoA	-7,78271586	-0,102	0,290
CHR7	17865846	CHR7:17865846	SSF x LoA	-3,23445977	0,168	0,312
CHR7	17865847	CHR7:17865847	SSF x LoA	-8,37810184	-0,037	0,317
CHR7	17865953	CHR7:17865953	SSF x LoA	-9,33076185	-0,101	0,305
CHR7	1787892	CHR7:1787892	SSF x LoA	-8,50047783	0,095	0,313
CHR7	17880709	CHR7:17880709	SSF x LoA	-9,4102771	-0,013	0,308

CHR7	17880720	CHR7:17880720	SSF x LoA	-9,95321313	0,013	0,309
CHR7	17880736	CHR7:17880736	SSF x LoA	-10,817224	0,036	0,308
CHR7	17880770	CHR7:17880770	SSF x LoA	-9,72280748	-0,041	0,305
CHR7	17883081	CHR7:17883081	SSF x LoA	-5,96780577	0,113	0,320
CHR7	17883087	CHR7:17883087	SSF x LoA	-7,76174484	-0,135	0,297
CHR7	17883187	CHR7:17883187	SSF x LoA	-12,5085371	-0,094	0,298
CHR7	17883244	CHR7:17883244	SSF x LoA	-10,9951818	-0,018	0,300
CHR7	17883299	CHR7:17883299	SSF x LoA	-12,0192806	-0,061	0,291
CHR7	17883310	CHR7:17883310	SSF x LoA	-10,6129722	-0,029	0,308
CHR7	17883340	CHR7:17883340	SSF x LoA	-11,9147025	-0,028	0,304
CHR7	17889101	CHR7:17889101	SSF x LoA	-10,4169631	0,020	0,305
CHR7	17889188	CHR7:17889188	SSF x LoA	-9,13482783	-0,060	0,316
CHR7	17889269	CHR7:17889269	SSF x LoA	-9,73747742	0,072	0,300
CHR7	17889283	CHR7:17889283	SSF x LoA	-11,1057145	-0,015	0,300
CHR7	17889319	CHR7:17889319	SSF x LoA	-7,13262401	0,066	0,300
CHR7	17890958	CHR7:17890958	SSF x LoA	-10,0907704	0,149	0,300
CHR7	17893962	CHR7:17893962	SSF x LoA	-7,82111377	-0,065	0,298
CHR7	17894034	CHR7:17894034	SSF x LoA	-7,96428233	0,087	0,309
CHR7	17894036	CHR7:17894036	SSF x LoA	-11,946409	-0,055	0,299
CHR7	17894066	CHR7:17894066	SSF x LoA	-8,52205086	0,099	0,301
CHR7	17896316	CHR7:17896316	SSF x LoA	-9,95828529	-0,070	0,317
CHR7	17896341	CHR7:17896341	SSF x LoA	-9,18188477	0,009	0,311
CHR7	17896343	CHR7:17896343	SSF x LoA	-9,87977473	-0,002	0,301
CHR7	17896372	CHR7:17896372	SSF x LoA	-9,25302654	-0,024	0,314
CHR7	17896377	CHR7:17896377	SSF x LoA	-7,61718817	-0,071	0,310
CHR7	17896460	CHR7:17896460	SSF x LoA	-9,09558741	0,016	0,324
CHR7	17896475	CHR7:17896475	SSF x LoA	-7,25771354	-0,053	0,303
CHR7	17896488	CHR7:17896488	SSF x LoA	-11,1293746	-0,023	0,306
CHR7	1790418	CHR7:1790418	SSF x LoA	-10,5210615	0,038	0,297
CHR7	17905853	CHR7:17905853	SSF x LoA	-12,0281616	-0,012	0,307
CHR7	17905959	CHR7:17905959	SSF x LoA	-6,25890245	0,147	0,314
CHR7	17908590	CHR7:17908590	SSF x LoA	-10,6194185	-0,023	0,308
CHR7	17912355	CHR7:17912355	SSF x LoA	-10,3765222	0,015	0,313
CHR7	17913615	CHR7:17913615	SSF x LoA	-11,6046196	-0,067	0,297
CHR7	17913659	CHR7:17913659	SSF x LoA	-7,5136668	-0,155	0,296
CHR7	17928077	CHR7:17928077	SSF x LoA	-7,35468991	-0,091	0,313
CHR7	17928208	CHR7:17928208	SSF x LoA	-9,72100302	0,076	0,295
CHR7	17928247	CHR7:17928247	SSF x LoA	-8,76912862	0,034	0,304
CHR7	17933754	CHR7:17933754	SSF x LoA	-8,86959452	-0,075	0,308
CHR7	17939479	CHR7:17939479	SSF x LoA	-9,71641112	0,061	0,290
CHR7	17939659	CHR7:17939659	SSF x LoA	-7,86092525	-0,108	0,305
CHR7	17939665	CHR7:17939665	SSF x LoA	-8,28576801	0,066	0,304
CHR7	17939682	CHR7:17939682	SSF x LoA	-11,2791118	-0,080	0,307
CHR7	17944105	CHR7:17944105	SSF x LoA	-8,59657385	0,008	0,301
CHR7	17949540	CHR7:17949540	SSF x LoA	-11,1031391	-0,001	0,309
CHR7	17955905	CHR7:17955905	SSF x LoA	-8,40949231	0,149	0,315
CHR7	17955907	CHR7:17955907	SSF x LoA	-6,60681229	0,126	0,305
CHR7	17955948	CHR7:17955948	SSF x LoA	-9,7487875	-0,061	0,322
CHR7	17955964	CHR7:17955964	SSF x LoA	-10,496668	0,072	0,313
CHR7	17958404	CHR7:17958404	SSF x LoA	-5,84577235	0,206	0,294
CHR7	1797522	CHR7:1797522	SSF x LoA	-8,68777636	0,039	0,308
CHR7	1797632	CHR7:1797632	SSF x LoA	-11,5299628	0,046	0,298
CHR7	1797639	CHR7:1797639	SSF x LoA	-8,55422655	-0,049	0,304

CHR7	1797656	CHR7:1797656	SSF x LoA	-10,0622515	-0,091	0,303
CHR7	17978453	CHR7:17978453	SSF x LoA	-7,60129152	-0,093	0,310
CHR7	17978454	CHR7:17978454	SSF x LoA	-1,68019975	0,025	0,321
CHR7	17978510	CHR7:17978510	SSF x LoA	-7,45984729	0,156	0,303
CHR7	17978645	CHR7:17978645	SSF x LoA	-8,41691641	0,007	0,312
CHR7	17984280	CHR7:17984280	SSF x LoA	-10,4041848	-0,046	0,316
CHR7	17984370	CHR7:17984370	SSF x LoA	-7,21209212	-0,182	0,292
CHR7	17986160	CHR7:17986160	SSF x LoA	-4,72335311	0,172	0,310
CHR7	17986173	CHR7:17986173	SSF x LoA	-8,74635214	-0,125	0,304
CHR7	18018236	CHR7:18018236	SSF x LoA	-11,5367869	0,006	0,316
CHR7	18018239	CHR7:18018239	SSF x LoA	-11,1622677	-0,045	0,303
CHR7	18023587	CHR7:18023587	SSF x LoA	-4,8714505	-0,201	0,312
CHR7	18025535	CHR7:18025535	SSF x LoA	-8,65008015	0,030	0,304
CHR7	18025554	CHR7:18025554	SSF x LoA	-8,83817427	0,153	0,319
CHR7	18042619	CHR7:18042619	SSF x LoA	-7,19832621	0,091	0,309
CHR7	18042792	CHR7:18042792	SSF x LoA	-11,8836585	0,000	0,316
CHR7	18044385	CHR7:18044385	SSF x LoA	-8,95730176	0,045	0,309
CHR7	18048251	CHR7:18048251	SSF x LoA	-5,81617258	0,151	0,300
CHR7	1804942	CHR7:1804942	SSF x LoA	-7,8813285	-0,046	0,290
CHR7	18055938	CHR7:18055938	SSF x LoA	-8,81103665	-0,018	0,292
CHR7	18055949	CHR7:18055949	SSF x LoA	-8,86736835	-0,001	0,297
CHR7	18055971	CHR7:18055971	SSF x LoA	-6,34090263	-0,154	0,302
CHR7	18055989	CHR7:18055989	SSF x LoA	-9,33674501	0,022	0,308
CHR7	18055993	CHR7:18055993	SSF x LoA	-7,14914983	-0,169	0,316
CHR7	18068077	CHR7:18068077	SSF x LoA	-6,12429152	0,095	0,310
CHR7	18068084	CHR7:18068084	SSF x LoA	-7,39619898	-0,050	0,305
CHR7	18068197	CHR7:18068197	SSF x LoA	-11,1834623	-0,031	0,326
CHR7	18075527	CHR7:18075527	SSF x LoA	-11,1782486	0,047	0,315
CHR7	18085706	CHR7:18085706	SSF x LoA	-8,89682981	-0,079	0,307
CHR7	18092353	CHR7:18092353	SSF x LoA	-6,1979432	-0,035	0,313
CHR7	18092399	CHR7:18092399	SSF x LoA	-9,18048925	0,019	0,301
CHR7	18098166	CHR7:18098166	SSF x LoA	-9,66416982	0,072	0,306
CHR7	18100468	CHR7:18100468	SSF x LoA	-7,23135292	-0,016	0,295
CHR7	18107986	CHR7:18107986	SSF x LoA	-10,8460251	0,010	0,316
CHR7	18108157	CHR7:18108157	SSF x LoA	-8,16803179	0,062	0,308
CHR7	18108223	CHR7:18108223	SSF x LoA	-10,773745	-0,099	0,313
CHR7	18114710	CHR7:18114710	SSF x LoA	-8,98136994	-0,025	0,300
CHR7	18114840	CHR7:18114840	SSF x LoA	-9,39959181	-0,066	0,311
CHR7	18120418	CHR7:18120418	SSF x LoA	-11,1466513	-0,012	0,305
CHR7	18120434	CHR7:18120434	SSF x LoA	-8,90301734	0,036	0,295
CHR7	18120688	CHR7:18120688	SSF x LoA	-4,94953081	-0,048	0,298
CHR7	18128531	CHR7:18128531	SSF x LoA	-7,88493781	0,101	0,296
CHR7	18128534	CHR7:18128534	SSF x LoA	-4,18596235	-0,239	0,317
CHR7	18134347	CHR7:18134347	SSF x LoA	-9,61583984	-0,020	0,308
CHR7	18134409	CHR7:18134409	SSF x LoA	-9,45294694	0,059	0,319
CHR7	18134449	CHR7:18134449	SSF x LoA	-7,96804738	-0,049	0,312
CHR7	18134459	CHR7:18134459	SSF x LoA	-10,4297009	0,067	0,300
CHR7	18134464	CHR7:18134464	SSF x LoA	-9,16052026	0,055	0,310
CHR7	18134510	CHR7:18134510	SSF x LoA	-9,2884744	0,097	0,311
CHR7	18134528	CHR7:18134528	SSF x LoA	-3,66262033	0,118	0,309
CHR7	18136798	CHR7:18136798	SSF x LoA	-10,6929978	0,124	0,308
CHR7	18136828	CHR7:18136828	SSF x LoA	-8,19568888	0,000	0,317
CHR7	18156768	CHR7:18156768	SSF x LoA	-8,45481757	-0,128	0,316

CHR7	18156897	CHR7:18156897	SSF x LoA	-9,44477057	-0,049	0,320
CHR7	18157403	CHR7:18157403	SSF x LoA	-10,3490135	0,005	0,309
CHR7	18157423	CHR7:18157423	SSF x LoA	-9,25983048	-0,071	0,300
CHR7	18157425	CHR7:18157425	SSF x LoA	-9,02063737	0,079	0,301
CHR7	18164198	CHR7:18164198	SSF x LoA	-9,31971124	0,109	0,318
CHR7	18164201	CHR7:18164201	SSF x LoA	-9,38571844	0,009	0,309
CHR7	18164203	CHR7:18164203	SSF x LoA	-1,75854283	0,014	0,323
CHR7	18164218	CHR7:18164218	SSF x LoA	-9,98482656	0,079	0,295
CHR7	18164320	CHR7:18164320	SSF x LoA	-11,5062994	-0,015	0,303
CHR7	18164326	CHR7:18164326	SSF x LoA	-9,56276279	0,070	0,316
CHR7	18165986	CHR7:18165986	SSF x LoA	-10,5557815	-0,028	0,312
CHR7	18165990	CHR7:18165990	SSF x LoA	-8,96316523	0,037	0,304
CHR7	18168276	CHR7:18168276	SSF x LoA	-8,38178319	0,067	0,311
CHR7	18168348	CHR7:18168348	SSF x LoA	-8,76976663	0,123	0,304
CHR7	18171795	CHR7:18171795	SSF x LoA	-10,4481737	-0,061	0,304
CHR7	18171850	CHR7:18171850	SSF x LoA	-10,6728949	-0,051	0,300
CHR7	18171870	CHR7:18171870	SSF x LoA	-8,91358385	0,036	0,305
CHR7	18172533	CHR7:18172533	SSF x LoA	-10,8204777	0,008	0,308
CHR7	18174192	CHR7:18174192	SSF x LoA	-6,74491867	0,069	0,304
CHR7	18178190	CHR7:18178190	SSF x LoA	-8,75587949	-0,008	0,315
CHR7	18178194	CHR7:18178194	SSF x LoA	-6,07727496	-0,099	0,303
CHR7	18181356	CHR7:18181356	SSF x LoA	-11,5282953	0,031	0,299
CHR7	18187416	CHR7:18187416	SSF x LoA	-10,9715097	-0,004	0,316
CHR7	18193964	CHR7:18193964	SSF x LoA	-8,40082054	-0,107	0,304
CHR7	18200613	CHR7:18200613	SSF x LoA	-8,10162796	0,072	0,300
CHR7	18200635	CHR7:18200635	SSF x LoA	-7,61393002	-0,050	0,297
CHR7	18200682	CHR7:18200682	SSF x LoA	-10,8009968	-0,016	0,306
CHR7	18200685	CHR7:18200685	SSF x LoA	-11,442309	0,017	0,300
CHR7	18200686	CHR7:18200686	SSF x LoA	-11,6504146	-0,063	0,299
CHR7	18215022	CHR7:18215022	SSF x LoA	-9,28160164	0,097	0,288
CHR7	18215140	CHR7:18215140	SSF x LoA	-10,2490504	0,035	0,305
CHR7	18215201	CHR7:18215201	SSF x LoA	-9,87271665	0,059	0,294
CHR7	18219333	CHR7:18219333	SSF x LoA	-10,4221912	-0,035	0,306
CHR7	18219485	CHR7:18219485	SSF x LoA	-10,8992002	0,057	0,299
CHR7	18224948	CHR7:18224948	SSF x LoA	-6,42202817	0,127	0,295
CHR7	18224953	CHR7:18224953	SSF x LoA	-7,07556342	-0,023	0,308
CHR7	18224956	CHR7:18224956	SSF x LoA	-9,53572391	0,008	0,313
CHR7	18225018	CHR7:18225018	SSF x LoA	-9,20956562	0,064	0,295
CHR7	18226562	CHR7:18226562	SSF x LoA	-9,2395384	-0,087	0,317
CHR7	18226641	CHR7:18226641	SSF x LoA	-10,067387	0,065	0,320
CHR7	18226644	CHR7:18226644	SSF x LoA	-11,5780962	0,002	0,302
CHR7	18226656	CHR7:18226656	SSF x LoA	-8,63895041	0,067	0,303
CHR7	18230561	CHR7:18230561	SSF x LoA	-9,99717895	-0,035	0,317
CHR7	18240446	CHR7:18240446	SSF x LoA	-11,0434316	0,126	0,296
CHR7	18240486	CHR7:18240486	SSF x LoA	-8,77821988	0,065	0,306
CHR7	18240491	CHR7:18240491	SSF x LoA	-9,96315272	0,120	0,315
CHR7	18240533	CHR7:18240533	SSF x LoA	-9,55602711	0,123	0,298
CHR7	18261239	CHR7:18261239	SSF x LoA	-8,13041622	0,022	0,306
CHR7	1826246	CHR7:1826246	SSF x LoA	-4,66672785	0,122	0,304
CHR7	1826269	CHR7:1826269	SSF x LoA	-7,07150672	0,152	0,289
CHR7	1826401	CHR7:1826401	SSF x LoA	-9,50438544	0,134	0,302
CHR7	1826406	CHR7:1826406	SSF x LoA	-10,2788121	-0,088	0,292
CHR7	1826434	CHR7:1826434	SSF x LoA	-9,05135156	0,019	0,320

CHR7	1828790	CHR7:1828790	SSF x LoA	-8,27094998	-0,091	0,295
CHR7	1828812	CHR7:1828812	SSF x LoA	-10,7784574	-0,026	0,310
CHR7	18289770	CHR7:18289770	SSF x LoA	-10,4989893	0,110	0,309
CHR7	18289789	CHR7:18289789	SSF x LoA	-9,50488779	0,019	0,308
CHR7	18289797	CHR7:18289797	SSF x LoA	-8,57014181	-0,127	0,300
CHR7	18289811	CHR7:18289811	SSF x LoA	-9,10226789	0,020	0,296
CHR7	18289880	CHR7:18289880	SSF x LoA	-7,97847918	-0,039	0,311
CHR7	18289881	CHR7:18289881	SSF x LoA	-11,0763241	0,007	0,310
CHR7	18289990	CHR7:18289990	SSF x LoA	-8,77934414	-0,127	0,311
CHR7	18293156	CHR7:18293156	SSF x LoA	-4,96396525	-0,049	0,309
CHR7	18302079	CHR7:18302079	SSF x LoA	-8,56706957	-0,027	0,320
CHR7	1830268	CHR7:1830268	SSF x LoA	-10,5147585	-0,048	0,304
CHR7	18303466	CHR7:18303466	SSF x LoA	-9,35868371	0,045	0,306
CHR7	18317591	CHR7:18317591	SSF x LoA	-9,63457981	-0,059	0,295
CHR7	18317658	CHR7:18317658	SSF x LoA	-10,6096962	-0,003	0,312
CHR7	18317791	CHR7:18317791	SSF x LoA	1,75731855	-0,170	0,294
CHR7	18331108	CHR7:18331108	SSF x LoA	-6,74646112	0,076	0,305
CHR7	18331114	CHR7:18331114	SSF x LoA	-10,9336262	-0,051	0,307
CHR7	18331149	CHR7:18331149	SSF x LoA	-11,7781718	-0,062	0,311
CHR7	18331193	CHR7:18331193	SSF x LoA	-9,75919902	0,149	0,313
CHR7	18335327	CHR7:18335327	SSF x LoA	-8,16977219	-0,078	0,300
CHR7	18335345	CHR7:18335345	SSF x LoA	-7,54960044	-0,123	0,299
CHR7	18335379	CHR7:18335379	SSF x LoA	-6,5753886	0,060	0,297
CHR7	18335385	CHR7:18335385	SSF x LoA	-7,92170047	-0,072	0,287
CHR7	18335395	CHR7:18335395	SSF x LoA	-8,38137098	-0,176	0,310
CHR7	18335415	CHR7:18335415	SSF x LoA	-9,94612275	-0,096	0,308
CHR7	18357546	CHR7:18357546	SSF x LoA	-10,5049123	0,007	0,296
CHR7	18371712	CHR7:18371712	SSF x LoA	-0,81581203	0,133	0,294
CHR7	18372264	CHR7:18372264	SSF x LoA	-9,41670803	0,010	0,311
CHR7	18381747	CHR7:18381747	SSF x LoA	-10,4396615	-0,002	0,303
CHR7	18381794	CHR7:18381794	SSF x LoA	-0,96434456	-0,015	0,302
CHR7	18382878	CHR7:18382878	SSF x LoA	-6,89191936	0,164	0,289
CHR7	18382893	CHR7:18382893	SSF x LoA	-11,4315475	-0,042	0,297
CHR7	18382902	CHR7:18382902	SSF x LoA	-9,22942413	-0,006	0,303
CHR7	18382924	CHR7:18382924	SSF x LoA	-5,56521622	-0,026	0,326
CHR7	18382950	CHR7:18382950	SSF x LoA	-7,96429577	0,026	0,315
CHR7	18382977	CHR7:18382977	SSF x LoA	-10,924144	0,081	0,291
CHR7	18382978	CHR7:18382978	SSF x LoA	-10,7770144	0,011	0,312
CHR7	18384381	CHR7:18384381	SSF x LoA	-8,25806285	0,055	0,319
CHR7	18384384	CHR7:18384384	SSF x LoA	-3,14308293	-0,211	0,273
CHR7	1839101	CHR7:1839101	SSF x LoA	-8,71931386	0,104	0,309
CHR7	1839112	CHR7:1839112	SSF x LoA	-7,07004683	0,160	0,321
CHR7	1839119	CHR7:1839119	SSF x LoA	-6,74464432	0,132	0,312
CHR7	1839188	CHR7:1839188	SSF x LoA	-9,81131905	0,100	0,316
CHR7	1839302	CHR7:1839302	SSF x LoA	-8,39980466	0,040	0,306
CHR7	1839310	CHR7:1839310	SSF x LoA	-8,54618949	0,001	0,299
CHR7	18393233	CHR7:18393233	SSF x LoA	-8,06968506	-0,103	0,295
CHR7	18393246	CHR7:18393246	SSF x LoA	-10,5527645	0,036	0,312
CHR7	18417439	CHR7:18417439	SSF x LoA	-8,97966004	0,005	0,311
CHR7	18417456	CHR7:18417456	SSF x LoA	-10,756841	0,036	0,306
CHR7	18419521	CHR7:18419521	SSF x LoA	-11,4858165	0,038	0,313
CHR7	18420303	CHR7:18420303	SSF x LoA	-9,604074	0,075	0,295
CHR7	18421092	CHR7:18421092	SSF x LoA	-11,0772493	-0,026	0,297

CHR7	18421093	CHR7:18421093	SSF x LoA	-9,16203144	-0,076	0,303
CHR7	18421103	CHR7:18421103	SSF x LoA	-10,4226874	-0,048	0,302
CHR7	18421105	CHR7:18421105	SSF x LoA	-8,90339233	-0,072	0,314
CHR7	18421142	CHR7:18421142	SSF x LoA	-8,24282006	-0,046	0,306
CHR7	18421144	CHR7:18421144	SSF x LoA	-10,0329267	-0,019	0,301
CHR7	18422387	CHR7:18422387	SSF x LoA	-10,3528122	-0,051	0,306
CHR7	18439989	CHR7:18439989	SSF x LoA	-3,69855447	-0,104	0,307
CHR7	18439996	CHR7:18439996	SSF x LoA	-9,04546859	0,039	0,307
CHR7	18440088	CHR7:18440088	SSF x LoA	-11,4427411	-0,066	0,315
CHR7	18443330	CHR7:18443330	SSF x LoA	-8,13018298	0,095	0,306
CHR7	18443535	CHR7:18443535	SSF x LoA	-11,1385775	-0,023	0,304
CHR7	18461095	CHR7:18461095	SSF x LoA	-10,3554075	0,005	0,308
CHR7	18461120	CHR7:18461120	SSF x LoA	-10,4599501	-0,010	0,313
CHR7	18461121	CHR7:18461121	SSF x LoA	-6,83961415	0,112	0,311
CHR7	18461260	CHR7:18461260	SSF x LoA	-9,84378	-0,026	0,316
CHR7	18463253	CHR7:18463253	SSF x LoA	-9,88825055	-0,017	0,316
CHR7	18463284	CHR7:18463284	SSF x LoA	-10,3094096	-0,018	0,309
CHR7	18468362	CHR7:18468362	SSF x LoA	-10,272037	0,081	0,301
CHR7	18474169	CHR7:18474169	SSF x LoA	-4,63741187	0,020	0,312
CHR7	18474190	CHR7:18474190	SSF x LoA	-9,77657538	0,127	0,293
CHR7	18476755	CHR7:18476755	SSF x LoA	-9,36589273	-0,117	0,293
CHR7	18476855	CHR7:18476855	SSF x LoA	-10,7993933	-0,042	0,310
CHR7	18478708	CHR7:18478708	SSF x LoA	-11,2512318	0,009	0,307
CHR7	1849165	CHR7:1849165	SSF x LoA	-7,87149556	-0,087	0,308
CHR7	1849343	CHR7:1849343	SSF x LoA	-9,35643104	-0,027	0,313
CHR7	1849401	CHR7:1849401	SSF x LoA	-10,6453735	0,069	0,294
CHR7	18494306	CHR7:18494306	SSF x LoA	-10,0000835	0,088	0,303
CHR7	18494326	CHR7:18494326	SSF x LoA	-11,5801527	0,034	0,318
CHR7	18494391	CHR7:18494391	SSF x LoA	-8,51670684	-0,040	0,316
CHR7	18494446	CHR7:18494446	SSF x LoA	-9,48611464	0,076	0,302
CHR7	18496800	CHR7:18496800	SSF x LoA	-11,6187369	-0,062	0,300
CHR7	18496880	CHR7:18496880	SSF x LoA	-7,60764168	-0,074	0,307
CHR7	18496890	CHR7:18496890	SSF x LoA	-9,9775065	0,031	0,293
CHR7	18506066	CHR7:18506066	SSF x LoA	-7,82896071	0,077	0,303
CHR7	18519254	CHR7:18519254	SSF x LoA	-9,36104133	0,074	0,303
CHR7	18519261	CHR7:18519261	SSF x LoA	-10,1629658	-0,081	0,308
CHR7	18521200	CHR7:18521200	SSF x LoA	-10,2994404	-0,051	0,309
CHR7	18521286	CHR7:18521286	SSF x LoA	-7,62087343	0,023	0,328
CHR7	18521289	CHR7:18521289	SSF x LoA	-8,44308616	0,023	0,308
CHR7	18521310	CHR7:18521310	SSF x LoA	-9,6830584	-0,026	0,304
CHR7	18521333	CHR7:18521333	SSF x LoA	-5,86756334	-0,148	0,292
CHR7	18521339	CHR7:18521339	SSF x LoA	-8,15300349	0,075	0,305
CHR7	18521389	CHR7:18521389	SSF x LoA	-8,40661161	-0,048	0,303
CHR7	1852263	CHR7:1852263	SSF x LoA	-9,52484364	0,144	0,307
CHR7	18532751	CHR7:18532751	SSF x LoA	-9,46539476	0,025	0,301
CHR7	18532829	CHR7:18532829	SSF x LoA	-10,396036	-0,073	0,322
CHR7	18532834	CHR7:18532834	SSF x LoA	-8,85208844	0,117	0,304
CHR7	18533086	CHR7:18533086	SSF x LoA	-9,54545808	-0,003	0,305
CHR7	18533094	CHR7:18533094	SSF x LoA	-8,59344005	0,095	0,310
CHR7	18533107	CHR7:18533107	SSF x LoA	-8,02333838	-0,056	0,314
CHR7	18540400	CHR7:18540400	SSF x LoA	-7,58843503	-0,087	0,305
CHR7	18540559	CHR7:18540559	SSF x LoA	-7,86913663	0,019	0,315
CHR7	18540560	CHR7:18540560	SSF x LoA	-10,6849981	0,039	0,311

CHR7	18540564	CHR7:18540564	SSF x LoA	-8,31497335	0,005	0,316
CHR7	18542237	CHR7:18542237	SSF x LoA	-2,96493267	0,181	0,309
CHR7	1854410	CHR7:1854410	SSF x LoA	-3,73031103	-0,067	0,304
CHR7	18550398	CHR7:18550398	SSF x LoA	-2,60221733	0,218	0,285
CHR7	18550449	CHR7:18550449	SSF x LoA	-6,45088912	0,197	0,279
CHR7	18550701	CHR7:18550701	SSF x LoA	-10,545367	-0,003	0,305
CHR7	18553493	CHR7:18553493	SSF x LoA	-9,13161142	-0,010	0,308
CHR7	18553637	CHR7:18553637	SSF x LoA	-11,3571641	0,055	0,301
CHR7	18553691	CHR7:18553691	SSF x LoA	-9,00752672	-0,092	0,311
CHR7	18572063	CHR7:18572063	SSF x LoA	-9,10007594	0,050	0,301
CHR7	18572105	CHR7:18572105	SSF x LoA	-7,13823121	0,058	0,297
CHR7	18579762	CHR7:18579762	SSF x LoA	-10,4240015	0,017	0,300
CHR7	18579795	CHR7:18579795	SSF x LoA	-9,99728296	-0,010	0,309
CHR7	18583516	CHR7:18583516	SSF x LoA	-10,8851256	-0,029	0,306
CHR7	18584827	CHR7:18584827	SSF x LoA	-9,65192029	0,098	0,317
CHR7	18584928	CHR7:18584928	SSF x LoA	-7,75892482	0,013	0,308
CHR7	18584978	CHR7:18584978	SSF x LoA	-11,0446145	0,017	0,297
CHR7	18584986	CHR7:18584986	SSF x LoA	-6,65548658	0,125	0,297
CHR7	18584994	CHR7:18584994	SSF x LoA	-8,75998881	-0,021	0,298
CHR7	18585062	CHR7:18585062	SSF x LoA	-12,065048	0,026	0,291
CHR7	18595165	CHR7:18595165	SSF x LoA	-10,2911508	-0,025	0,329
CHR7	18595174	CHR7:18595174	SSF x LoA	-10,5878195	0,005	0,308
CHR7	18595186	CHR7:18595186	SSF x LoA	-9,91455413	0,034	0,308
CHR7	18600103	CHR7:18600103	SSF x LoA	-5,99385717	0,161	0,303
CHR7	18600129	CHR7:18600129	SSF x LoA	-9,22237693	0,073	0,314
CHR7	18600251	CHR7:18600251	SSF x LoA	-7,10530814	-0,136	0,292
CHR7	18600273	CHR7:18600273	SSF x LoA	-8,54701258	0,068	0,311
CHR7	18608204	CHR7:18608204	SSF x LoA	-8,12018771	-0,035	0,320
CHR7	18608300	CHR7:18608300	SSF x LoA	-9,13726876	0,084	0,307
CHR7	18608326	CHR7:18608326	SSF x LoA	-9,38305559	0,026	0,322
CHR7	18611888	CHR7:18611888	SSF x LoA	-6,58728334	-0,145	0,304
CHR7	18615716	CHR7:18615716	SSF x LoA	-9,89535669	0,093	0,309
CHR7	18638686	CHR7:18638686	SSF x LoA	-10,3002692	0,019	0,317
CHR7	18638687	CHR7:18638687	SSF x LoA	-3,36443926	0,040	0,304
CHR7	18638728	CHR7:18638728	SSF x LoA	-9,70057388	0,013	0,292
CHR7	18638736	CHR7:18638736	SSF x LoA	-5,68632719	-0,088	0,284
CHR7	18643179	CHR7:18643179	SSF x LoA	-8,20901181	-0,100	0,302
CHR7	18643741	CHR7:18643741	SSF x LoA	-8,98430495	-0,076	0,300
CHR7	18656400	CHR7:18656400	SSF x LoA	-11,3837948	0,068	0,298
CHR7	18657057	CHR7:18657057	SSF x LoA	-10,5078082	0,111	0,321
CHR7	18657065	CHR7:18657065	SSF x LoA	-11,1766903	0,025	0,296
CHR7	18672862	CHR7:18672862	SSF x LoA	-10,4164389	-0,019	0,304
CHR7	18672933	CHR7:18672933	SSF x LoA	-10,2549974	0,039	0,315
CHR7	18672943	CHR7:18672943	SSF x LoA	-9,40147531	0,031	0,317
CHR7	18674407	CHR7:18674407	SSF x LoA	-8,18094507	0,047	0,312
CHR7	18674417	CHR7:18674417	SSF x LoA	-9,42137494	0,061	0,307
CHR7	18674450	CHR7:18674450	SSF x LoA	-10,1262357	0,056	0,312
CHR7	18674459	CHR7:18674459	SSF x LoA	-9,67183231	0,021	0,303
CHR7	18674460	CHR7:18674460	SSF x LoA	-11,4155847	-0,031	0,317
CHR7	18674478	CHR7:18674478	SSF x LoA	-9,31069484	0,005	0,300
CHR7	18674494	CHR7:18674494	SSF x LoA	-7,34745767	0,041	0,320
CHR7	18675593	CHR7:18675593	SSF x LoA	-8,70448383	-0,101	0,312
CHR7	18675614	CHR7:18675614	SSF x LoA	-8,51794859	0,031	0,320

CHR7	18677196	CHR7:18677196	SSF x LoA	-9,31293342	0,042	0,312
CHR7	18678173	CHR7:18678173	SSF x LoA	-9,91457482	-0,014	0,319
CHR7	18678225	CHR7:18678225	SSF x LoA	-10,9759088	-0,087	0,299
CHR7	18678398	CHR7:18678398	SSF x LoA	-11,8741285	0,038	0,303
CHR7	18686318	CHR7:18686318	SSF x LoA	-10,1536541	0,009	0,317
CHR7	18686375	CHR7:18686375	SSF x LoA	-9,01140404	-0,008	0,315
CHR7	18686464	CHR7:18686464	SSF x LoA	-12,1139552	-0,002	0,309
CHR7	18689835	CHR7:18689835	SSF x LoA	-10,1068303	-0,005	0,320
CHR7	18689984	CHR7:18689984	SSF x LoA	-10,7288781	-0,140	0,294
CHR7	18693066	CHR7:18693066	SSF x LoA	-11,5987926	-0,031	0,300
CHR7	18695574	CHR7:18695574	SSF x LoA	-10,0248164	0,050	0,317
CHR7	18695618	CHR7:18695618	SSF x LoA	-11,3926615	0,018	0,301
CHR7	18695636	CHR7:18695636	SSF x LoA	-11,2779087	0,003	0,314
CHR7	18695671	CHR7:18695671	SSF x LoA	-11,4330388	0,004	0,308
CHR7	18696393	CHR7:18696393	SSF x LoA	-11,0030745	-0,020	0,322
CHR7	18708614	CHR7:18708614	SSF x LoA	-5,75457721	0,068	0,309
CHR7	18708675	CHR7:18708675	SSF x LoA	-11,2364373	-0,029	0,312
CHR7	18708736	CHR7:18708736	SSF x LoA	-8,85385491	0,072	0,300
CHR7	18708779	CHR7:18708779	SSF x LoA	-9,57540923	0,007	0,319
CHR7	18709758	CHR7:18709758	SSF x LoA	-10,4909455	-0,016	0,311
CHR7	18709800	CHR7:18709800	SSF x LoA	-9,58694773	-0,056	0,311
CHR7	18715383	CHR7:18715383	SSF x LoA	-9,4649826	0,097	0,312
CHR7	18722297	CHR7:18722297	SSF x LoA	-9,06014422	0,061	0,319
CHR7	18722358	CHR7:18722358	SSF x LoA	-9,85227548	-0,036	0,313
CHR7	18728952	CHR7:18728952	SSF x LoA	-11,4548634	0,037	0,309
CHR7	18728957	CHR7:18728957	SSF x LoA	-8,31305098	0,086	0,302
CHR7	18729035	CHR7:18729035	SSF x LoA	-5,86320993	-0,150	0,309
CHR7	18729120	CHR7:18729120	SSF x LoA	-8,43779654	-0,118	0,301
CHR7	18732487	CHR7:18732487	SSF x LoA	-9,32309761	-0,069	0,302
CHR7	18732505	CHR7:18732505	SSF x LoA	-10,5950093	-0,058	0,304
CHR7	18732633	CHR7:18732633	SSF x LoA	-7,24581443	0,154	0,294
CHR7	18732735	CHR7:18732735	SSF x LoA	-9,88131686	0,036	0,307
CHR7	18737995	CHR7:18737995	SSF x LoA	-10,929299	-0,039	0,318
CHR7	18738039	CHR7:18738039	SSF x LoA	-10,1460096	-0,052	0,308
CHR7	1874653	CHR7:1874653	SSF x LoA	-9,48548577	-0,047	0,309
CHR7	1874729	CHR7:1874729	SSF x LoA	-5,59888926	0,042	0,305
CHR7	18749789	CHR7:18749789	SSF x LoA	-10,0995836	-0,013	0,309
CHR7	18749803	CHR7:18749803	SSF x LoA	-8,70738831	0,022	0,307
CHR7	18749805	CHR7:18749805	SSF x LoA	-10,8710131	-0,022	0,307
CHR7	18749810	CHR7:18749810	SSF x LoA	-9,89802983	0,069	0,310
CHR7	18749818	CHR7:18749818	SSF x LoA	-6,41755599	-0,068	0,299
CHR7	18749866	CHR7:18749866	SSF x LoA	-7,04020705	0,042	0,317
CHR7	18749881	CHR7:18749881	SSF x LoA	-9,46257726	-0,071	0,308
CHR7	18749916	CHR7:18749916	SSF x LoA	-11,1755192	0,072	0,315
CHR7	18760671	CHR7:18760671	SSF x LoA	-8,87267938	0,094	0,305
CHR7	18774466	CHR7:18774466	SSF x LoA	-6,15063338	-0,076	0,298
CHR7	18774486	CHR7:18774486	SSF x LoA	-8,22162036	-0,041	0,320
CHR7	18783137	CHR7:18783137	SSF x LoA	-8,14375854	0,054	0,321
CHR7	18783146	CHR7:18783146	SSF x LoA	-7,0399435	-0,150	0,285
CHR7	18790333	CHR7:18790333	SSF x LoA	0,96989059	-0,129	0,294
CHR7	18790365	CHR7:18790365	SSF x LoA	-8,86256307	-0,040	0,312
CHR7	18790463	CHR7:18790463	SSF x LoA	-6,57086484	-0,111	0,297
CHR7	18792554	CHR7:18792554	SSF x LoA	-10,547531	-0,028	0,303

CHR7	18793790	CHR7:18793790	SSF x LoA	-8,19290985	0,010	0,309
CHR7	18793930	CHR7:18793930	SSF x LoA	-3,07111234	0,097	0,311
CHR7	18796971	CHR7:18796971	SSF x LoA	-9,47768406	-0,005	0,298
CHR7	18796976	CHR7:18796976	SSF x LoA	-9,27079086	-0,083	0,313
CHR7	18797044	CHR7:18797044	SSF x LoA	-10,6365046	0,060	0,297
CHR7	18808831	CHR7:18808831	SSF x LoA	-7,51257939	-0,065	0,314
CHR7	18808841	CHR7:18808841	SSF x LoA	-2,64461736	0,026	0,314
CHR7	18808936	CHR7:18808936	SSF x LoA	-8,78174764	-0,064	0,302
CHR7	18812293	CHR7:18812293	SSF x LoA	-10,2440251	0,059	0,286
CHR7	18812327	CHR7:18812327	SSF x LoA	-9,1853907	0,005	0,311
CHR7	18812336	CHR7:18812336	SSF x LoA	-9,47581631	-0,040	0,315
CHR7	18812366	CHR7:18812366	SSF x LoA	-11,1340089	-0,011	0,315
CHR7	1881521	CHR7:1881521	SSF x LoA	-10,8174318	0,018	0,317
CHR7	1881544	CHR7:1881544	SSF x LoA	-5,17569583	0,140	0,308
CHR7	18816709	CHR7:18816709	SSF x LoA	-10,898334	-0,036	0,312
CHR7	18816753	CHR7:18816753	SSF x LoA	-6,46491642	-0,199	0,301
CHR7	1881681	CHR7:1881681	SSF x LoA	-9,25473011	0,028	0,309
CHR7	18816906	CHR7:18816906	SSF x LoA	-9,6350501	0,079	0,306
CHR7	18821024	CHR7:18821024	SSF x LoA	-8,72088819	-0,072	0,318
CHR7	18821052	CHR7:18821052	SSF x LoA	-10,3531938	0,010	0,305
CHR7	18823831	CHR7:18823831	SSF x LoA	-10,2764869	0,018	0,308
CHR7	18823847	CHR7:18823847	SSF x LoA	-11,3717423	0,017	0,317
CHR7	18823903	CHR7:18823903	SSF x LoA	-10,9961107	-0,006	0,297
CHR7	18824013	CHR7:18824013	SSF x LoA	-9,45023386	-0,079	0,317
CHR7	18825110	CHR7:18825110	SSF x LoA	-12,5834957	0,004	0,296
CHR7	18825135	CHR7:18825135	SSF x LoA	-9,98237539	0,037	0,304
CHR7	18825259	CHR7:18825259	SSF x LoA	-8,98921621	-0,039	0,314
CHR7	18825265	CHR7:18825265	SSF x LoA	-9,54436004	0,096	0,295
CHR7	18833424	CHR7:18833424	SSF x LoA	-11,0908123	0,084	0,309
CHR7	18833463	CHR7:18833463	SSF x LoA	-7,63662331	0,078	0,315
CHR7	18837739	CHR7:18837739	SSF x LoA	-9,11936219	-0,046	0,304
CHR7	18843874	CHR7:18843874	SSF x LoA	-6,8656622	0,094	0,308
CHR7	18843920	CHR7:18843920	SSF x LoA	-10,7192955	-0,073	0,307
CHR7	18843977	CHR7:18843977	SSF x LoA	-9,13817514	0,028	0,323
CHR7	18843982	CHR7:18843982	SSF x LoA	-10,7316791	0,057	0,301
CHR7	18843990	CHR7:18843990	SSF x LoA	-10,1772342	0,039	0,312
CHR7	18844100	CHR7:18844100	SSF x LoA	-9,29010698	0,084	0,310
CHR7	18844108	CHR7:18844108	SSF x LoA	-8,45487368	0,079	0,310
CHR7	18844112	CHR7:18844112	SSF x LoA	-6,56068432	-0,199	0,277
CHR7	18858899	CHR7:18858899	SSF x LoA	-5,66950206	-0,061	0,303
CHR7	18858920	CHR7:18858920	SSF x LoA	-9,51847897	-0,010	0,294
CHR7	18858921	CHR7:18858921	SSF x LoA	-4,08539192	0,062	0,309
CHR7	18865382	CHR7:18865382	SSF x LoA	-7,38209093	-0,138	0,313
CHR7	18865395	CHR7:18865395	SSF x LoA	-8,69859554	-0,089	0,299
CHR7	18865419	CHR7:18865419	SSF x LoA	-10,506204	-0,048	0,290
CHR7	18865425	CHR7:18865425	SSF x LoA	-11,3569775	0,030	0,299
CHR7	18865456	CHR7:18865456	SSF x LoA	-9,3941848	-0,099	0,291
CHR7	18871193	CHR7:18871193	SSF x LoA	-10,7503084	-0,064	0,301
CHR7	18871200	CHR7:18871200	SSF x LoA	-10,0111082	-0,146	0,293
CHR7	18871243	CHR7:18871243	SSF x LoA	-11,1462721	-0,058	0,306
CHR7	18871259	CHR7:18871259	SSF x LoA	-8,15529111	0,015	0,303
CHR7	18871287	CHR7:18871287	SSF x LoA	-10,1531003	-0,035	0,294
CHR7	18878997	CHR7:18878997	SSF x LoA	-8,45390566	-0,053	0,295

CHR7	18879010	CHR7:18879010	SSF x LoA	-11,9470386	-0,007	0,318
CHR7	18880426	CHR7:18880426	SSF x LoA	-11,2918668	0,044	0,298
CHR7	18893481	CHR7:18893481	SSF x LoA	-11,0190708	0,034	0,304
CHR7	18893572	CHR7:18893572	SSF x LoA	-7,81511968	0,031	0,307
CHR7	18893594	CHR7:18893594	SSF x LoA	-9,98977787	-0,056	0,314
CHR7	18897440	CHR7:18897440	SSF x LoA	-7,05598738	0,066	0,303
CHR7	18898167	CHR7:18898167	SSF x LoA	-10,9761321	0,031	0,313
CHR7	18902970	CHR7:18902970	SSF x LoA	-9,21865022	0,055	0,305
CHR7	18903034	CHR7:18903034	SSF x LoA	-9,55267181	0,077	0,291
CHR7	18903053	CHR7:18903053	SSF x LoA	-7,51254106	0,041	0,305
CHR7	18905174	CHR7:18905174	SSF x LoA	-9,23291128	0,098	0,303
CHR7	1891579	CHR7:1891579	SSF x LoA	-9,85128289	0,038	0,314
CHR7	1891684	CHR7:1891684	SSF x LoA	-9,02965221	0,028	0,297
CHR7	1891700	CHR7:1891700	SSF x LoA	-6,16600017	-0,009	0,309
CHR7	18919587	CHR7:18919587	SSF x LoA	-11,9034961	0,019	0,303
CHR7	18929456	CHR7:18929456	SSF x LoA	-9,38994044	-0,050	0,301
CHR7	18931009	CHR7:18931009	SSF x LoA	-11,2370202	-0,062	0,312
CHR7	18931022	CHR7:18931022	SSF x LoA	-9,23446572	-0,032	0,306
CHR7	18931738	CHR7:18931738	SSF x LoA	-10,039937	-0,082	0,301
CHR7	18933269	CHR7:18933269	SSF x LoA	-9,7879735	0,035	0,285
CHR7	18936086	CHR7:18936086	SSF x LoA	-10,926563	-0,051	0,302
CHR7	18936087	CHR7:18936087	SSF x LoA	-8,39947341	0,007	0,311
CHR7	18936120	CHR7:18936120	SSF x LoA	-10,4629417	-0,023	0,311
CHR7	18936166	CHR7:18936166	SSF x LoA	-9,23522887	-0,149	0,302
CHR7	18936289	CHR7:18936289	SSF x LoA	-8,85546211	-0,069	0,295
CHR7	18941088	CHR7:18941088	SSF x LoA	-10,1370654	-0,092	0,318
CHR7	18941095	CHR7:18941095	SSF x LoA	-9,33473124	-0,062	0,299
CHR7	18941174	CHR7:18941174	SSF x LoA	-8,94273462	-0,033	0,308
CHR7	18944124	CHR7:18944124	SSF x LoA	-10,8880919	0,034	0,308
CHR7	18944132	CHR7:18944132	SSF x LoA	-8,13423855	-0,060	0,302
CHR7	18944165	CHR7:18944165	SSF x LoA	-10,9277709	-0,025	0,319
CHR7	18944189	CHR7:18944189	SSF x LoA	-8,55002488	-0,083	0,314
CHR7	18945991	CHR7:18945991	SSF x LoA	-6,3165106	-0,012	0,312
CHR7	18945992	CHR7:18945992	SSF x LoA	-8,71124744	-0,065	0,317
CHR7	18946001	CHR7:18946001	SSF x LoA	-9,6714501	0,059	0,316
CHR7	18946064	CHR7:18946064	SSF x LoA	-9,46345617	-0,113	0,315
CHR7	18946068	CHR7:18946068	SSF x LoA	-9,81792727	-0,015	0,309
CHR7	18946847	CHR7:18946847	SSF x LoA	-9,25786473	0,051	0,307
CHR7	18946854	CHR7:18946854	SSF x LoA	-8,06041999	0,015	0,324
CHR7	18947399	CHR7:18947399	SSF x LoA	-9,05070832	-0,014	0,300
CHR7	18953886	CHR7:18953886	SSF x LoA	-9,13031176	-0,009	0,308
CHR7	18954121	CHR7:18954121	SSF x LoA	-9,1797028	0,054	0,295
CHR7	18954140	CHR7:18954140	SSF x LoA	-11,003658	-0,082	0,308
CHR7	18959240	CHR7:18959240	SSF x LoA	-7,21533717	0,092	0,299
CHR7	18959285	CHR7:18959285	SSF x LoA	-11,9227819	-0,015	0,298
CHR7	18959302	CHR7:18959302	SSF x LoA	-7,82728338	-0,077	0,313
CHR7	18959306	CHR7:18959306	SSF x LoA	-8,55733794	-0,157	0,300
CHR7	1896289	CHR7:1896289	SSF x LoA	-5,25343356	-0,091	0,303
CHR7	18974849	CHR7:18974849	SSF x LoA	-8,76351665	0,013	0,306
CHR7	18983511	CHR7:18983511	SSF x LoA	-9,66965464	0,017	0,307
CHR7	18983707	CHR7:18983707	SSF x LoA	-9,22705658	-0,006	0,299
CHR7	18983720	CHR7:18983720	SSF x LoA	-5,98237981	-0,019	0,304
CHR7	18987841	CHR7:18987841	SSF x LoA	-9,77410963	-0,010	0,306

CHR7	18987979	CHR7:18987979	SSF x LoA	-9,3661432	-0,126	0,313
CHR7	18988013	CHR7:18988013	SSF x LoA	-9,7287134	0,018	0,313
CHR7	18988014	CHR7:18988014	SSF x LoA	-9,0573147	-0,002	0,325
CHR7	18992609	CHR7:18992609	SSF x LoA	-10,2938244	0,029	0,296
CHR7	18999049	CHR7:18999049	SSF x LoA	-10,3634794	0,081	0,305
CHR7	18999053	CHR7:18999053	SSF x LoA	-10,1480285	-0,084	0,310
CHR7	18999062	CHR7:18999062	SSF x LoA	-8,4022978	-0,116	0,292
CHR7	19009913	CHR7:19009913	SSF x LoA	-12,2215536	0,012	0,313
CHR7	19011987	CHR7:19011987	SSF x LoA	-11,578326	-0,001	0,302
CHR7	19012047	CHR7:19012047	SSF x LoA	-7,32858633	-0,062	0,300
CHR7	19012085	CHR7:19012085	SSF x LoA	-8,79673449	0,109	0,316
CHR7	19018135	CHR7:19018135	SSF x LoA	-11,3995561	-0,003	0,302
CHR7	19018144	CHR7:19018144	SSF x LoA	-11,5656977	-0,022	0,310
CHR7	19026897	CHR7:19026897	SSF x LoA	-11,6614795	0,068	0,302
CHR7	19032685	CHR7:19032685	SSF x LoA	-10,9324801	0,041	0,312
CHR7	19032687	CHR7:19032687	SSF x LoA	-11,0999593	0,064	0,313
CHR7	19032690	CHR7:19032690	SSF x LoA	-7,7230161	0,085	0,314
CHR7	19032691	CHR7:19032691	SSF x LoA	-11,8356714	0,098	0,293
CHR7	19032707	CHR7:19032707	SSF x LoA	-7,8918119	0,095	0,308
CHR7	19032715	CHR7:19032715	SSF x LoA	-7,89175619	-0,021	0,311
CHR7	19032720	CHR7:19032720	SSF x LoA	-8,6854217	0,000	0,297
CHR7	19032750	CHR7:19032750	SSF x LoA	-5,70995864	0,052	0,323
CHR7	19032790	CHR7:19032790	SSF x LoA	-9,40034827	0,048	0,294
CHR7	19037000	CHR7:19037000	SSF x LoA	-7,81683635	-0,120	0,296
CHR7	19037028	CHR7:19037028	SSF x LoA	-9,02464556	0,139	0,298
CHR7	19037044	CHR7:19037044	SSF x LoA	-7,72053812	-0,111	0,297
CHR7	19037094	CHR7:19037094	SSF x LoA	-8,11839768	0,117	0,286
CHR7	19050954	CHR7:19050954	SSF x LoA	-8,28357881	-0,112	0,303
CHR7	19050963	CHR7:19050963	SSF x LoA	-8,13684911	-0,113	0,299
CHR7	19050997	CHR7:19050997	SSF x LoA	-8,81796922	-0,102	0,314
CHR7	19051184	CHR7:19051184	SSF x LoA	-11,8445355	0,045	0,313
CHR7	19056434	CHR7:19056434	SSF x LoA	-10,2881019	0,088	0,311
CHR7	19056462	CHR7:19056462	SSF x LoA	-8,05050589	0,042	0,311
CHR7	19056466	CHR7:19056466	SSF x LoA	-11,1911325	0,053	0,313
CHR7	19056502	CHR7:19056502	SSF x LoA	-5,71150451	0,045	0,313
CHR7	19056722	CHR7:19056722	SSF x LoA	-9,89138376	-0,006	0,302
CHR7	19065306	CHR7:19065306	SSF x LoA	-8,20784354	-0,009	0,306
CHR7	19065315	CHR7:19065315	SSF x LoA	-5,40727069	-0,049	0,308
CHR7	19065333	CHR7:19065333	SSF x LoA	-5,56060722	0,079	0,308
CHR7	19065371	CHR7:19065371	SSF x LoA	-10,342066	0,022	0,313
CHR7	19072612	CHR7:19072612	SSF x LoA	-9,69135339	0,019	0,316
CHR7	19072641	CHR7:19072641	SSF x LoA	-10,2799822	0,003	0,305
CHR7	19073446	CHR7:19073446	SSF x LoA	-8,9655102	-0,037	0,310
CHR7	19073453	CHR7:19073453	SSF x LoA	-10,1021327	-0,004	0,311
CHR7	19077915	CHR7:19077915	SSF x LoA	-4,45027262	0,078	0,309
CHR7	190950	CHR7:190950	SSF x LoA	-9,17513265	0,004	0,296
CHR7	19100382	CHR7:19100382	SSF x LoA	-11,35547	0,005	0,302
CHR7	19100417	CHR7:19100417	SSF x LoA	-9,11578542	0,000	0,303
CHR7	19100432	CHR7:19100432	SSF x LoA	-11,0440842	0,057	0,310
CHR7	19100446	CHR7:19100446	SSF x LoA	-9,23132322	-0,035	0,299
CHR7	191049	CHR7:191049	SSF x LoA	-8,13586578	0,036	0,316
CHR7	191092	CHR7:191092	SSF x LoA	-11,7645032	-0,025	0,315
CHR7	19124359	CHR7:19124359	SSF x LoA	-8,16369842	-0,027	0,309

CHR7	19125657	CHR7:19125657	SSF x LoA	-9,84770698	0,088	0,312
CHR7	19125726	CHR7:19125726	SSF x LoA	-8,16452283	-0,076	0,302
CHR7	19125791	CHR7:19125791	SSF x LoA	-11,8783772	0,037	0,298
CHR7	19136052	CHR7:19136052	SSF x LoA	-6,94366903	0,126	0,313
CHR7	19136119	CHR7:19136119	SSF x LoA	-6,17629989	0,037	0,304
CHR7	19136127	CHR7:19136127	SSF x LoA	-7,57269992	0,140	0,297
CHR7	19136428	CHR7:19136428	SSF x LoA	-10,1763495	-0,008	0,311
CHR7	19136440	CHR7:19136440	SSF x LoA	-12,0853001	-0,006	0,302
CHR7	19136458	CHR7:19136458	SSF x LoA	-9,95064905	-0,134	0,283
CHR7	19136474	CHR7:19136474	SSF x LoA	-11,1584208	-0,037	0,314
CHR7	19136475	CHR7:19136475	SSF x LoA	-11,6789742	-0,014	0,303
CHR7	19136524	CHR7:19136524	SSF x LoA	-10,3285461	-0,070	0,298
CHR7	19136529	CHR7:19136529	SSF x LoA	-7,26853061	0,077	0,311
CHR7	19146664	CHR7:19146664	SSF x LoA	-9,75975266	0,040	0,309
CHR7	19146819	CHR7:19146819	SSF x LoA	-9,33285512	-0,061	0,308
CHR7	19146854	CHR7:19146854	SSF x LoA	-10,4880904	0,076	0,298
CHR7	19146913	CHR7:19146913	SSF x LoA	-9,9111705	-0,014	0,313
CHR7	19148073	CHR7:19148073	SSF x LoA	-10,3702361	-0,033	0,304
CHR7	19148091	CHR7:19148091	SSF x LoA	-9,38176108	-0,009	0,310
CHR7	19150525	CHR7:19150525	SSF x LoA	-12,1931446	-0,008	0,298
CHR7	19150599	CHR7:19150599	SSF x LoA	-9,32194128	-0,102	0,300
CHR7	19150685	CHR7:19150685	SSF x LoA	-11,0220842	0,004	0,313
CHR7	19150777	CHR7:19150777	SSF x LoA	-7,08369138	0,125	0,294
CHR7	19153632	CHR7:19153632	SSF x LoA	-3,11081552	-0,002	0,288
CHR7	19154649	CHR7:19154649	SSF x LoA	-9,11034327	0,147	0,293
CHR7	19154677	CHR7:19154677	SSF x LoA	-11,5026553	0,022	0,299
CHR7	19155128	CHR7:19155128	SSF x LoA	-8,33330218	-0,049	0,316
CHR7	19155130	CHR7:19155130	SSF x LoA	-7,58280955	-0,050	0,315
CHR7	19155195	CHR7:19155195	SSF x LoA	-8,73379531	0,062	0,306
CHR7	1915636	CHR7:1915636	SSF x LoA	-9,34972956	-0,077	0,310
CHR7	1916391	CHR7:1916391	SSF x LoA	-10,8771628	-0,069	0,291
CHR7	1916400	CHR7:1916400	SSF x LoA	-8,06672855	0,139	0,281
CHR7	19183348	CHR7:19183348	SSF x LoA	-8,78141736	-0,127	0,303
CHR7	19183487	CHR7:19183487	SSF x LoA	-10,4216287	-0,010	0,305
CHR7	19183557	CHR7:19183557	SSF x LoA	-10,9869798	0,075	0,312
CHR7	19184984	CHR7:19184984	SSF x LoA	-8,51238387	-0,101	0,299
CHR7	19185053	CHR7:19185053	SSF x LoA	-7,54867314	0,126	0,314
CHR7	19185078	CHR7:19185078	SSF x LoA	-10,6807073	-0,127	0,290
CHR7	19185093	CHR7:19185093	SSF x LoA	-9,76326334	0,107	0,293
CHR7	19191327	CHR7:19191327	SSF x LoA	-10,047514	0,005	0,298
CHR7	19200741	CHR7:19200741	SSF x LoA	-11,9886593	-0,030	0,302
CHR7	19200798	CHR7:19200798	SSF x LoA	-10,6110072	-0,135	0,295
CHR7	19211543	CHR7:19211543	SSF x LoA	-3,4476022	0,172	0,296
CHR7	19211797	CHR7:19211797	SSF x LoA	-10,7254236	0,010	0,311
CHR7	19229990	CHR7:19229990	SSF x LoA	-9,80357069	-0,018	0,303
CHR7	19231239	CHR7:19231239	SSF x LoA	-8,2171029	-0,003	0,316
CHR7	19231607	CHR7:19231607	SSF x LoA	-9,03982414	0,064	0,301
CHR7	19231702	CHR7:19231702	SSF x LoA	-11,2084415	0,054	0,295
CHR7	19231704	CHR7:19231704	SSF x LoA	-9,02259854	0,057	0,293
CHR7	19242699	CHR7:19242699	SSF x LoA	-10,4131116	0,004	0,305
CHR7	19254474	CHR7:19254474	SSF x LoA	-10,7349966	0,055	0,317
CHR7	19255507	CHR7:19255507	SSF x LoA	-10,9804035	0,075	0,308
CHR7	19255548	CHR7:19255548	SSF x LoA	-8,32185204	0,013	0,305

CHR7	19255560	CHR7:19255560	SSF x LoA	-5,19454798	0,076	0,295
CHR7	19258563	CHR7:19258563	SSF x LoA	-10,6610436	0,060	0,297
CHR7	19258664	CHR7:19258664	SSF x LoA	-9,57419679	0,052	0,306
CHR7	19260862	CHR7:19260862	SSF x LoA	-9,60919355	-0,108	0,297
CHR7	19260866	CHR7:19260866	SSF x LoA	-7,66550767	0,089	0,294
CHR7	19266714	CHR7:19266714	SSF x LoA	-10,7137368	0,042	0,306
CHR7	19266757	CHR7:19266757	SSF x LoA	-5,57764884	-0,196	0,295
CHR7	19286715	CHR7:19286715	SSF x LoA	-5,09086541	-0,163	0,308
CHR7	19286745	CHR7:19286745	SSF x LoA	-7,05970185	-0,127	0,304
CHR7	19291096	CHR7:19291096	SSF x LoA	-7,07398845	-0,098	0,306
CHR7	19291108	CHR7:19291108	SSF x LoA	-7,82776918	0,079	0,303
CHR7	19291251	CHR7:19291251	SSF x LoA	-5,37814102	0,135	0,304
CHR7	19291435	CHR7:19291435	SSF x LoA	-11,6756849	-0,045	0,297
CHR7	1930035	CHR7:1930035	SSF x LoA	-6,94969542	-0,108	0,311
CHR7	1930090	CHR7:1930090	SSF x LoA	-10,5081343	-0,029	0,299
CHR7	1930788	CHR7:1930788	SSF x LoA	-6,93074867	0,113	0,310
CHR7	19327757	CHR7:19327757	SSF x LoA	-9,41798316	-0,060	0,298
CHR7	19344717	CHR7:19344717	SSF x LoA	-6,89948266	0,140	0,304
CHR7	19344797	CHR7:19344797	SSF x LoA	-10,6589159	0,061	0,314
CHR7	19344925	CHR7:19344925	SSF x LoA	-8,93891841	0,102	0,295
CHR7	19344949	CHR7:19344949	SSF x LoA	-8,14329155	-0,159	0,291
CHR7	19357485	CHR7:19357485	SSF x LoA	-10,4980404	-0,113	0,312
CHR7	19365713	CHR7:19365713	SSF x LoA	-7,6116153	-0,078	0,306
CHR7	19370674	CHR7:19370674	SSF x LoA	-7,72502181	-0,106	0,306
CHR7	19371750	CHR7:19371750	SSF x LoA	-11,5119815	-0,062	0,304
CHR7	19377391	CHR7:19377391	SSF x LoA	-5,89422852	-0,013	0,302
CHR7	19377421	CHR7:19377421	SSF x LoA	-9,2244102	0,077	0,291
CHR7	19381815	CHR7:19381815	SSF x LoA	-5,16965999	-0,192	0,303
CHR7	19385175	CHR7:19385175	SSF x LoA	-6,9987711	-0,014	0,312
CHR7	19385272	CHR7:19385272	SSF x LoA	-10,48678	-0,072	0,313
CHR7	19385286	CHR7:19385286	SSF x LoA	-3,35218417	0,093	0,306
CHR7	19389992	CHR7:19389992	SSF x LoA	-9,43550116	0,093	0,301
CHR7	19390188	CHR7:19390188	SSF x LoA	-8,21851914	0,174	0,304
CHR7	19390216	CHR7:19390216	SSF x LoA	-11,0536448	-0,037	0,309
CHR7	19390257	CHR7:19390257	SSF x LoA	-9,02274218	-0,043	0,311
CHR7	19391376	CHR7:19391376	SSF x LoA	-10,0077878	0,086	0,325
CHR7	19391412	CHR7:19391412	SSF x LoA	-9,22130434	0,177	0,292
CHR7	19391429	CHR7:19391429	SSF x LoA	-12,1392405	0,046	0,290
CHR7	19392958	CHR7:19392958	SSF x LoA	-7,62958052	0,028	0,320
CHR7	19393032	CHR7:19393032	SSF x LoA	-7,45919428	0,057	0,310
CHR7	19393080	CHR7:19393080	SSF x LoA	-9,1357755	-0,057	0,295
CHR7	19400119	CHR7:19400119	SSF x LoA	-11,1583719	-0,020	0,313
CHR7	19400157	CHR7:19400157	SSF x LoA	-9,46849188	0,083	0,310
CHR7	19400166	CHR7:19400166	SSF x LoA	-10,8096083	0,045	0,310
CHR7	19400242	CHR7:19400242	SSF x LoA	-11,1148018	0,077	0,313
CHR7	19400297	CHR7:19400297	SSF x LoA	-9,67586254	-0,030	0,316
CHR7	19414877	CHR7:19414877	SSF x LoA	-6,77242767	0,025	0,320
CHR7	19422736	CHR7:19422736	SSF x LoA	-8,68146167	0,022	0,307
CHR7	19422749	CHR7:19422749	SSF x LoA	-9,78765453	0,022	0,305
CHR7	19422803	CHR7:19422803	SSF x LoA	-8,45061428	0,010	0,321
CHR7	19422815	CHR7:19422815	SSF x LoA	-7,98244774	-0,046	0,302
CHR7	19422821	CHR7:19422821	SSF x LoA	-8,50139379	-0,041	0,322
CHR7	19422832	CHR7:19422832	SSF x LoA	-8,66235075	-0,071	0,307

CHR7	19422850	CHR7:19422850	SSF x LoA	-6,63296207	0,002	0,312
CHR7	19425312	CHR7:19425312	SSF x LoA	-10,9932882	0,029	0,312
CHR7	19426472	CHR7:19426472	SSF x LoA	-7,95414911	0,029	0,314
CHR7	19426630	CHR7:19426630	SSF x LoA	0,31984988	-0,196	0,290
CHR7	19428373	CHR7:19428373	SSF x LoA	-7,23977401	0,120	0,313
CHR7	19430763	CHR7:19430763	SSF x LoA	-6,16022039	-0,131	0,306
CHR7	19430782	CHR7:19430782	SSF x LoA	-10,6002608	-0,065	0,311
CHR7	19430855	CHR7:19430855	SSF x LoA	-11,5160763	-0,063	0,303
CHR7	19430873	CHR7:19430873	SSF x LoA	-11,6767616	-0,073	0,305
CHR7	19430918	CHR7:19430918	SSF x LoA	-11,5854399	-0,055	0,313
CHR7	19435176	CHR7:19435176	SSF x LoA	-6,16946748	-0,117	0,312
CHR7	19435703	CHR7:19435703	SSF x LoA	-7,9181458	0,148	0,298
CHR7	19437434	CHR7:19437434	SSF x LoA	-10,3724188	0,041	0,294
CHR7	19437608	CHR7:19437608	SSF x LoA	-10,2721636	0,050	0,286
CHR7	19438805	CHR7:19438805	SSF x LoA	-9,35238866	-0,045	0,310
CHR7	19438829	CHR7:19438829	SSF x LoA	-10,2554207	-0,057	0,304
CHR7	19438862	CHR7:19438862	SSF x LoA	-5,0055685	-0,146	0,288
CHR7	19438863	CHR7:19438863	SSF x LoA	-8,09481141	-0,146	0,285
CHR7	19438891	CHR7:19438891	SSF x LoA	-10,086588	-0,107	0,305
CHR7	19438928	CHR7:19438928	SSF x LoA	-11,5611329	-0,082	0,304
CHR7	19448885	CHR7:19448885	SSF x LoA	-8,16540636	0,011	0,314
CHR7	19449194	CHR7:19449194	SSF x LoA	-10,9070805	-0,117	0,298
CHR7	19453857	CHR7:19453857	SSF x LoA	-9,61110915	-0,117	0,298
CHR7	19453869	CHR7:19453869	SSF x LoA	-5,78736352	0,180	0,308
CHR7	19459448	CHR7:19459448	SSF x LoA	-8,13456703	0,063	0,317
CHR7	19459456	CHR7:19459456	SSF x LoA	-9,9988767	-0,003	0,312
CHR7	19461514	CHR7:19461514	SSF x LoA	-10,0733651	-0,032	0,313
CHR7	19461571	CHR7:19461571	SSF x LoA	-6,57314641	-0,004	0,305
CHR7	19464242	CHR7:19464242	SSF x LoA	-8,7488942	0,112	0,298
CHR7	19464357	CHR7:19464357	SSF x LoA	-8,05155264	-0,115	0,295
CHR7	19467078	CHR7:19467078	SSF x LoA	-11,0234489	0,045	0,324
CHR7	19467097	CHR7:19467097	SSF x LoA	-7,4493796	0,095	0,299
CHR7	19467175	CHR7:19467175	SSF x LoA	-10,7506706	0,147	0,298
CHR7	19467188	CHR7:19467188	SSF x LoA	-7,77536251	-0,055	0,313
CHR7	19474488	CHR7:19474488	SSF x LoA	-7,28337354	-0,054	0,295
CHR7	19482494	CHR7:19482494	SSF x LoA	-10,1044979	0,017	0,327
CHR7	19483588	CHR7:19483588	SSF x LoA	-9,66737566	0,012	0,316
CHR7	19483662	CHR7:19483662	SSF x LoA	-9,54621594	0,010	0,307
CHR7	19496090	CHR7:19496090	SSF x LoA	-11,1751184	-0,034	0,315
CHR7	19496162	CHR7:19496162	SSF x LoA	-7,02371582	-0,047	0,298
CHR7	2E+07	CHR7:19500297	SSF x LoA	-10,7417602	-0,079	0,303
CHR7	2E+07	CHR7:19500316	SSF x LoA	-10,8760965	-0,053	0,308
CHR7	2E+07	CHR7:19519061	SSF x LoA	-9,04829366	0,071	0,318
CHR7	2E+07	CHR7:19531900	SSF x LoA	-5,54890177	-0,131	0,300
CHR7	2E+07	CHR7:19532013	SSF x LoA	-10,4261588	-0,047	0,300
CHR7	2E+07	CHR7:19532087	SSF x LoA	-10,5811514	0,050	0,316
CHR7	2E+07	CHR7:19542663	SSF x LoA	-8,33311979	0,004	0,321
CHR7	2E+07	CHR7:19542668	SSF x LoA	-8,98126251	0,023	0,318
CHR7	2E+07	CHR7:19542715	SSF x LoA	2,27545198	0,128	0,294
CHR7	2E+07	CHR7:19542726	SSF x LoA	-6,44183548	0,117	0,306
CHR7	2E+07	CHR7:19545758	SSF x LoA	-8,21733988	-0,156	0,321
CHR7	2E+07	CHR7:19545805	SSF x LoA	-11,0468997	-0,096	0,299
CHR7	2E+07	CHR7:19545850	SSF x LoA	-8,66862375	0,099	0,308

CHR7	2E+07	CHR7:19545903	SSF x LoA	-9,70140944	-0,132	0,302
CHR7	2E+07	CHR7:19545940	SSF x LoA	-4,78220469	0,167	0,305
CHR7	2E+07	CHR7:19547070	SSF x LoA	-9,87732282	-0,075	0,300
CHR7	2E+07	CHR7:19547075	SSF x LoA	-4,90187521	-0,108	0,283
CHR7	2E+07	CHR7:19547132	SSF x LoA	-7,39038816	0,085	0,307
CHR7	2E+07	CHR7:19556848	SSF x LoA	-10,6637776	0,014	0,297
CHR7	2E+07	CHR7:19556869	SSF x LoA	-7,7157525	-0,118	0,305
CHR7	2E+07	CHR7:19556881	SSF x LoA	-8,30612446	-0,116	0,304
CHR7	2E+07	CHR7:19557585	SSF x LoA	-8,16106276	-0,040	0,307
CHR7	2E+07	CHR7:19560686	SSF x LoA	-11,3962174	0,021	0,307
CHR7	2E+07	CHR7:19560766	SSF x LoA	-11,5860721	0,010	0,314
CHR7	2E+07	CHR7:19562012	SSF x LoA	-8,62363596	0,014	0,308
CHR7	2E+07	CHR7:19573790	SSF x LoA	-7,05287074	-0,119	0,282
CHR7	2E+07	CHR7:19574031	SSF x LoA	-9,45719451	-0,020	0,306
CHR7	2E+07	CHR7:19583673	SSF x LoA	-9,59964317	0,034	0,308
CHR7	2E+07	CHR7:19583699	SSF x LoA	-8,94518885	0,059	0,313
CHR7	2E+07	CHR7:19588978	SSF x LoA	-9,86764134	-0,077	0,310
CHR7	2E+07	CHR7:19589055	SSF x LoA	-7,70152194	0,013	0,310
CHR7	2E+07	CHR7:19589056	SSF x LoA	-9,9751668	-0,038	0,301
CHR7	2E+07	CHR7:19589057	SSF x LoA	-11,8035747	-0,012	0,300
CHR7	2E+07	CHR7:19590564	SSF x LoA	-7,38340672	0,100	0,292
CHR7	2E+07	CHR7:19590573	SSF x LoA	-11,2624218	0,061	0,300
CHR7	2E+07	CHR7:19596559	SSF x LoA	-8,2657916	0,093	0,292
CHR7	2E+07	CHR7:19596571	SSF x LoA	-8,69787231	-0,091	0,313
CHR7	2E+07	CHR7:19596578	SSF x LoA	-7,38528376	-0,007	0,307
CHR7	2E+07	CHR7:19596591	SSF x LoA	-5,37973823	-0,124	0,314
CHR7	2E+07	CHR7:19596599	SSF x LoA	-8,74930881	-0,008	0,307
CHR7	2E+07	CHR7:19596604	SSF x LoA	-10,3446559	0,112	0,311
CHR7	2E+07	CHR7:19596633	SSF x LoA	-9,70332826	-0,028	0,320
CHR7	2E+07	CHR7:19596634	SSF x LoA	-9,73507297	0,045	0,311
CHR7	2E+07	CHR7:19596808	SSF x LoA	-8,49505756	0,076	0,311
CHR7	2E+07	CHR7:19601445	SSF x LoA	-8,62957517	0,062	0,311
CHR7	2E+07	CHR7:19626044	SSF x LoA	-10,9349604	0,010	0,302
CHR7	2E+07	CHR7:19626194	SSF x LoA	-9,13268937	0,007	0,304
CHR7	2E+07	CHR7:19628408	SSF x LoA	-9,98273978	-0,004	0,320
CHR7	2E+07	CHR7:19628412	SSF x LoA	-9,91933036	-0,041	0,306
CHR7	2E+07	CHR7:19628440	SSF x LoA	-7,90739977	0,004	0,325
CHR7	2E+07	CHR7:19628449	SSF x LoA	-6,68917863	0,152	0,306
CHR7	2E+07	CHR7:19629421	SSF x LoA	-6,49492611	0,160	0,304
CHR7	2E+07	CHR7:19629425	SSF x LoA	-7,99943832	-0,139	0,309
CHR7	2E+07	CHR7:19630556	SSF x LoA	-8,21278231	-0,075	0,301
CHR7	2E+07	CHR7:19630650	SSF x LoA	-7,8423613	-0,006	0,302
CHR7	2E+07	CHR7:19636079	SSF x LoA	-7,89908581	-0,052	0,308
CHR7	2E+07	CHR7:19636168	SSF x LoA	-9,70491282	-0,023	0,321
CHR7	2E+07	CHR7:19638403	SSF x LoA	-8,35671268	-0,001	0,305
CHR7	2E+07	CHR7:19643243	SSF x LoA	-10,7242071	-0,010	0,313
CHR7	2E+07	CHR7:19643360	SSF x LoA	-11,6395828	-0,032	0,309
CHR7	2E+07	CHR7:19648944	SSF x LoA	-8,67508612	-0,081	0,303
CHR7	2E+07	CHR7:19648968	SSF x LoA	-3,58925361	0,098	0,314
CHR7	2E+07	CHR7:19649012	SSF x LoA	-11,1148927	-0,022	0,309
CHR7	2E+07	CHR7:19649079	SSF x LoA	-9,52553554	0,004	0,308
CHR7	2E+07	CHR7:19649092	SSF x LoA	-8,82665086	-0,033	0,315
CHR7	1966150	CHR7:1966150	SSF x LoA	-8,9037989	0,073	0,292

CHR7	1966304	CHR7:1966304	SSF x LoA	-5,10858847	-0,069	0,310
CHR7	1966552	CHR7:1966552	SSF x LoA	-10,2212212	-0,021	0,306
CHR7	2E+07	CHR7:19682659	SSF x LoA	-7,32826634	0,101	0,306
CHR7	2E+07	CHR7:19682662	SSF x LoA	-7,47165374	-0,065	0,315
CHR7	2E+07	CHR7:19682669	SSF x LoA	-6,21026185	-0,129	0,308
CHR7	2E+07	CHR7:19682678	SSF x LoA	-5,79684811	0,143	0,317
CHR7	2E+07	CHR7:19684980	SSF x LoA	-9,8876408	0,130	0,292
CHR7	2E+07	CHR7:19685022	SSF x LoA	-9,32854297	-0,055	0,330
CHR7	2E+07	CHR7:19685036	SSF x LoA	-11,0566448	-0,069	0,309
CHR7	2E+07	CHR7:19685061	SSF x LoA	-6,28923613	-0,129	0,301
CHR7	2E+07	CHR7:19685940	SSF x LoA	-9,10373765	-0,088	0,291
CHR7	2E+07	CHR7:19685992	SSF x LoA	-8,07536804	0,007	0,309
CHR7	2E+07	CHR7:19689004	SSF x LoA	-6,58222699	-0,017	0,319
CHR7	2E+07	CHR7:19689086	SSF x LoA	-9,73166197	-0,052	0,304
CHR7	2E+07	CHR7:19689099	SSF x LoA	-9,06203372	-0,016	0,307
CHR7	2E+07	CHR7:19689117	SSF x LoA	-8,98845537	0,056	0,308
CHR7	2E+07	CHR7:19689153	SSF x LoA	-10,3978777	0,067	0,305
CHR7	1969494	CHR7:1969494	SSF x LoA	-10,0660611	-0,047	0,319
CHR7	2E+07	CHR7:19701508	SSF x LoA	-9,67523053	-0,083	0,294
CHR7	2E+07	CHR7:19713555	SSF x LoA	-5,04168096	-0,108	0,305
CHR7	2E+07	CHR7:19713710	SSF x LoA	-9,19802567	-0,039	0,306
CHR7	2E+07	CHR7:19717840	SSF x LoA	-8,1502257	-0,007	0,304
CHR7	2E+07	CHR7:19717850	SSF x LoA	-10,1424293	0,060	0,310
CHR7	2E+07	CHR7:19717952	SSF x LoA	-9,62282375	-0,003	0,308
CHR7	2E+07	CHR7:19718005	SSF x LoA	-12,1794028	0,052	0,297
CHR7	2E+07	CHR7:19723696	SSF x LoA	-4,85265599	-0,086	0,304
CHR7	2E+07	CHR7:19723725	SSF x LoA	-10,4593573	-0,050	0,294
CHR7	2E+07	CHR7:19723730	SSF x LoA	-5,58917299	0,115	0,303
CHR7	2E+07	CHR7:19723743	SSF x LoA	-9,22498542	-0,122	0,312
CHR7	2E+07	CHR7:19723750	SSF x LoA	-11,1057152	-0,061	0,308
CHR7	2E+07	CHR7:19730535	SSF x LoA	-8,86253987	0,055	0,302
CHR7	2E+07	CHR7:19730627	SSF x LoA	-7,60812973	0,150	0,296
CHR7	2E+07	CHR7:19730888	SSF x LoA	-8,18526624	-0,095	0,309
CHR7	2E+07	CHR7:19743292	SSF x LoA	-9,34493127	0,005	0,312
CHR7	2E+07	CHR7:19743331	SSF x LoA	-11,6193554	-0,047	0,304
CHR7	2E+07	CHR7:19743387	SSF x LoA	-7,55865801	-0,148	0,302
CHR7	1974624	CHR7:1974624	SSF x LoA	-9,23002555	-0,073	0,324
CHR7	1974835	CHR7:1974835	SSF x LoA	-7,64965893	0,088	0,313
CHR7	1974847	CHR7:1974847	SSF x LoA	-9,53454382	0,086	0,307
CHR7	2E+07	CHR7:19756715	SSF x LoA	-7,9572121	-0,158	0,302
CHR7	2E+07	CHR7:19772223	SSF x LoA	-11,3282658	-0,109	0,299
CHR7	2E+07	CHR7:19772226	SSF x LoA	-6,85515261	0,189	0,295
CHR7	2E+07	CHR7:19772287	SSF x LoA	-9,66642809	0,096	0,296
CHR7	2E+07	CHR7:19772292	SSF x LoA	-9,49417504	0,035	0,308
CHR7	2E+07	CHR7:19772297	SSF x LoA	-9,32849385	0,115	0,301
CHR7	2E+07	CHR7:19787328	SSF x LoA	-10,9228076	-0,127	0,310
CHR7	2E+07	CHR7:19787916	SSF x LoA	-10,1979895	0,081	0,305
CHR7	2E+07	CHR7:19804439	SSF x LoA	-8,22566547	0,067	0,303
CHR7	2E+07	CHR7:19804496	SSF x LoA	-10,0383461	0,052	0,303
CHR7	2E+07	CHR7:19804785	SSF x LoA	-9,53971045	-0,045	0,299
CHR7	1981719	CHR7:1981719	SSF x LoA	-10,6243695	0,014	0,304
CHR7	1981777	CHR7:1981777	SSF x LoA	-10,3876882	0,075	0,309
CHR7	1981780	CHR7:1981780	SSF x LoA	-10,3802542	0,068	0,307

CHR7	1981786	CHR7:1981786	SSF x LoA	-9,71137731	-0,018	0,316
CHR7	1981817	CHR7:1981817	SSF x LoA	-10,9506049	0,061	0,305
CHR7	1981831	CHR7:1981831	SSF x LoA	-10,6633592	0,099	0,312
CHR7	1982067	CHR7:1982067	SSF x LoA	-9,09893474	-0,033	0,319
CHR7	2E+07	CHR7:19821401	SSF x LoA	-11,5748695	-0,044	0,302
CHR7	2E+07	CHR7:19821584	SSF x LoA	-8,72753135	-0,044	0,283
CHR7	2E+07	CHR7:19821610	SSF x LoA	-8,20494703	0,044	0,322
CHR7	2E+07	CHR7:19821613	SSF x LoA	-9,1887134	0,042	0,328
CHR7	2E+07	CHR7:19821660	SSF x LoA	-9,25504835	-0,011	0,306
CHR7	2E+07	CHR7:19821676	SSF x LoA	-8,5185813	0,027	0,321
CHR7	2E+07	CHR7:19823348	SSF x LoA	-10,1900294	-0,108	0,295
CHR7	2E+07	CHR7:19837312	SSF x LoA	-8,56847153	0,061	0,305
CHR7	2E+07	CHR7:19837480	SSF x LoA	-8,41155914	0,017	0,305
CHR7	2E+07	CHR7:19840124	SSF x LoA	-10,8011379	0,130	0,294
CHR7	2E+07	CHR7:19840189	SSF x LoA	-7,64081005	-0,001	0,306
CHR7	2E+07	CHR7:19844663	SSF x LoA	-9,15477735	0,095	0,311
CHR7	2E+07	CHR7:19844717	SSF x LoA	-9,2717703	0,096	0,308
CHR7	2E+07	CHR7:19847510	SSF x LoA	-7,62542459	0,171	0,312
CHR7	2E+07	CHR7:19847690	SSF x LoA	-8,62240619	0,044	0,309
CHR7	2E+07	CHR7:19858795	SSF x LoA	-11,5585355	0,072	0,307
CHR7	2E+07	CHR7:19858932	SSF x LoA	-6,50820295	0,162	0,289
CHR7	2E+07	CHR7:19859028	SSF x LoA	-7,87593971	-0,039	0,306
CHR7	2E+07	CHR7:19864328	SSF x LoA	-9,77225337	0,090	0,304
CHR7	2E+07	CHR7:19866026	SSF x LoA	-9,59122261	-0,001	0,305
CHR7	2E+07	CHR7:19892162	SSF x LoA	-10,5664052	-0,119	0,314
CHR7	2E+07	CHR7:19892188	SSF x LoA	0,09300807	0,217	0,270
CHR7	2E+07	CHR7:19892297	SSF x LoA	-9,09427541	0,089	0,298
CHR7	2E+07	CHR7:19894735	SSF x LoA	-7,51194902	0,181	0,296
CHR7	2E+07	CHR7:19894996	SSF x LoA	-10,4823332	-0,007	0,306
CHR7	2E+07	CHR7:19895044	SSF x LoA	-10,2988979	-0,012	0,318
CHR7	2E+07	CHR7:19906684	SSF x LoA	-7,67021852	0,063	0,312
CHR7	2E+07	CHR7:19906985	SSF x LoA	-9,14082625	-0,159	0,296
CHR7	2E+07	CHR7:19911035	SSF x LoA	-9,44164815	0,019	0,312
CHR7	2E+07	CHR7:19911060	SSF x LoA	-6,04638071	-0,169	0,319
CHR7	2E+07	CHR7:19911097	SSF x LoA	-11,8966249	-0,014	0,302
CHR7	2E+07	CHR7:19911109	SSF x LoA	-6,75414978	-0,066	0,308
CHR7	2E+07	CHR7:19911453	SSF x LoA	-10,8088669	-0,016	0,306
CHR7	2E+07	CHR7:19913995	SSF x LoA	-10,9998261	0,045	0,324
CHR7	2E+07	CHR7:19917014	SSF x LoA	-11,5424702	-0,080	0,306
CHR7	2E+07	CHR7:19917220	SSF x LoA	-8,75132701	-0,006	0,299
CHR7	2E+07	CHR7:19924106	SSF x LoA	-8,55245149	0,036	0,323
CHR7	2E+07	CHR7:19924199	SSF x LoA	-9,68949371	0,030	0,295
CHR7	2E+07	CHR7:19924233	SSF x LoA	-9,06559045	0,033	0,313
CHR7	2E+07	CHR7:19924374	SSF x LoA	-10,9803111	-0,072	0,311
CHR7	2E+07	CHR7:19931603	SSF x LoA	-5,88652457	-0,107	0,306
CHR7	2E+07	CHR7:19931619	SSF x LoA	-7,64726788	0,106	0,302
CHR7	2E+07	CHR7:19931879	SSF x LoA	-8,30123044	0,030	0,309
CHR7	2E+07	CHR7:19931917	SSF x LoA	-11,1797938	0,044	0,295
CHR7	2E+07	CHR7:19931925	SSF x LoA	-8,53478998	0,026	0,311
CHR7	2E+07	CHR7:19950033	SSF x LoA	-9,87642512	0,096	0,309
CHR7	2E+07	CHR7:19956779	SSF x LoA	-9,78531567	0,049	0,300
CHR7	2E+07	CHR7:19956895	SSF x LoA	-6,96932942	0,049	0,303
CHR7	2E+07	CHR7:19956916	SSF x LoA	-7,88733583	0,005	0,306

CHR7	2E+07	CHR7:19956977	SSF x LoA	-9,1473611	0,086	0,310
CHR7	2E+07	CHR7:19956989	SSF x LoA	-9,91330618	-0,066	0,304
CHR7	2E+07	CHR7:19957002	SSF x LoA	-7,16073997	0,003	0,328
CHR7	2E+07	CHR7:19959408	SSF x LoA	-9,64916056	-0,009	0,305
CHR7	2E+07	CHR7:19959413	SSF x LoA	-6,94717655	-0,018	0,300
CHR7	2E+07	CHR7:19964480	SSF x LoA	-8,38947695	-0,080	0,307
CHR7	2E+07	CHR7:19964508	SSF x LoA	-7,10048291	-0,069	0,299
CHR7	2E+07	CHR7:19964675	SSF x LoA	-7,8480492	-0,161	0,306
CHR7	2E+07	CHR7:19977991	SSF x LoA	-10,8361375	0,030	0,308
CHR7	1997985	CHR7:1997985	SSF x LoA	-8,94981225	0,113	0,309
CHR7	2E+07	CHR7:19988651	SSF x LoA	-10,1116549	-0,032	0,325
CHR7	2E+07	CHR7:19988756	SSF x LoA	-7,99502309	0,043	0,305
CHR7	2E+07	CHR7:19988818	SSF x LoA	-6,6830525	0,146	0,285
CHR7	2E+07	CHR7:19988832	SSF x LoA	-8,19607823	-0,080	0,314
CHR7	2E+07	CHR7:19988893	SSF x LoA	-10,5111418	0,034	0,304
CHR7	2E+07	CHR7:20005897	SSF x LoA	-9,09461453	-0,076	0,300
CHR7	2E+07	CHR7:20005901	SSF x LoA	-1,01221122	0,076	0,311
CHR7	2E+07	CHR7:20005951	SSF x LoA	-11,2586318	-0,087	0,323
CHR7	2E+07	CHR7:20005957	SSF x LoA	-8,4893749	-0,034	0,308
CHR7	2000800	CHR7:2000800	SSF x LoA	-10,1695495	0,036	0,300
CHR7	2E+07	CHR7:20008672	SSF x LoA	-10,3781492	-0,121	0,301
CHR7	2E+07	CHR7:20018072	SSF x LoA	-10,6360687	0,017	0,300
CHR7	2E+07	CHR7:20018247	SSF x LoA	-11,7225808	-0,074	0,304
CHR7	2E+07	CHR7:20025827	SSF x LoA	-10,8328603	-0,002	0,310
CHR7	2E+07	CHR7:20026065	SSF x LoA	-10,4127347	-0,088	0,308
CHR7	2E+07	CHR7:20026082	SSF x LoA	-9,56498791	-0,061	0,310
CHR7	2E+07	CHR7:20026085	SSF x LoA	-10,6073249	-0,019	0,300
CHR7	2E+07	CHR7:20026128	SSF x LoA	-8,65427091	-0,101	0,311
CHR7	2E+07	CHR7:20042257	SSF x LoA	-9,42018634	0,031	0,314
CHR7	2E+07	CHR7:20042464	SSF x LoA	-8,02124126	0,101	0,304
CHR7	2E+07	CHR7:20043871	SSF x LoA	-5,97509571	0,175	0,299
CHR7	2E+07	CHR7:20043880	SSF x LoA	0,54636139	0,270	0,295
CHR7	2E+07	CHR7:20043958	SSF x LoA	-11,0598623	-0,009	0,315
CHR7	2E+07	CHR7:20044037	SSF x LoA	-3,35194035	0,326	0,274
CHR7	2E+07	CHR7:20044067	SSF x LoA	-4,40156854	0,049	0,290
CHR7	2E+07	CHR7:20053750	SSF x LoA	-10,727494	0,058	0,320
CHR7	2E+07	CHR7:20053779	SSF x LoA	-10,0822234	-0,070	0,307
CHR7	2E+07	CHR7:20053804	SSF x LoA	-5,48208357	-0,022	0,314
CHR7	2E+07	CHR7:20053893	SSF x LoA	-10,8685869	-0,042	0,300
CHR7	2E+07	CHR7:20054546	SSF x LoA	-11,5402114	0,057	0,295
CHR7	2E+07	CHR7:20067333	SSF x LoA	-11,1172333	0,004	0,309
CHR7	2E+07	CHR7:20073924	SSF x LoA	-8,47714977	0,119	0,300
CHR7	2E+07	CHR7:20073993	SSF x LoA	-7,83164638	0,106	0,312
CHR7	2E+07	CHR7:20075514	SSF x LoA	-8,53073205	-0,046	0,317
CHR7	2E+07	CHR7:20092536	SSF x LoA	-8,39163884	0,101	0,305
CHR7	2E+07	CHR7:20124556	SSF x LoA	-11,3235036	0,015	0,296
CHR7	2E+07	CHR7:20124718	SSF x LoA	-8,35489628	-0,016	0,318
CHR7	2E+07	CHR7:20154230	SSF x LoA	-8,56708167	-0,005	0,318
CHR7	2E+07	CHR7:20154236	SSF x LoA	-7,16433645	-0,006	0,321
CHR7	2E+07	CHR7:20154268	SSF x LoA	-8,24086224	-0,005	0,321
CHR7	2E+07	CHR7:20154275	SSF x LoA	-8,5530431	0,006	0,316
CHR7	2E+07	CHR7:20154295	SSF x LoA	-6,66930493	-0,028	0,308
CHR7	2E+07	CHR7:20154298	SSF x LoA	-9,13627309	0,003	0,319

CHR7	2E+07	CHR7:20154305	SSF x LoA	-8,87470561	0,020	0,328
CHR7	2E+07	CHR7:20154343	SSF x LoA	-9,22583131	-0,024	0,313
CHR7	2E+07	CHR7:20154346	SSF x LoA	-8,78186842	0,009	0,318
CHR7	2E+07	CHR7:20154476	SSF x LoA	-10,0378902	-0,172	0,302
CHR7	2016842	CHR7:2016842	SSF x LoA	-11,2581621	0,111	0,301
CHR7	2016873	CHR7:2016873	SSF x LoA	-9,18367595	0,053	0,294
CHR7	2017005	CHR7:2017005	SSF x LoA	-7,59847579	-0,119	0,299
CHR7	2017019	CHR7:2017019	SSF x LoA	-10,6150737	-0,041	0,317
CHR7	2017059	CHR7:2017059	SSF x LoA	-8,00641862	0,064	0,303
CHR7	2E+07	CHR7:20230844	SSF x LoA	-9,02414163	0,029	0,317
CHR7	2E+07	CHR7:20233936	SSF x LoA	-11,4745639	-0,019	0,300
CHR7	2E+07	CHR7:20237629	SSF x LoA	-8,78533147	0,022	0,317
CHR7	2E+07	CHR7:20248130	SSF x LoA	-9,33717663	0,082	0,325
CHR7	2E+07	CHR7:20258122	SSF x LoA	-10,9836289	-0,060	0,302
CHR7	2E+07	CHR7:20263213	SSF x LoA	-8,50350191	-0,141	0,306
CHR7	2E+07	CHR7:20263404	SSF x LoA	-10,8969367	0,053	0,288
CHR7	2E+07	CHR7:20269317	SSF x LoA	-11,0586166	0,025	0,314
CHR7	2E+07	CHR7:20269444	SSF x LoA	-10,4447479	-0,018	0,307
CHR7	2E+07	CHR7:20277513	SSF x LoA	-5,79344731	0,172	0,307
CHR7	2E+07	CHR7:20277620	SSF x LoA	-5,95904687	-0,171	0,308
CHR7	2E+07	CHR7:20300318	SSF x LoA	-11,8347392	0,074	0,300
CHR7	2E+07	CHR7:20300320	SSF x LoA	-10,7902147	-0,072	0,302
CHR7	2E+07	CHR7:20300350	SSF x LoA	-9,86158905	-0,020	0,312
CHR7	2E+07	CHR7:20300436	SSF x LoA	-4,36080004	0,130	0,298
CHR7	2E+07	CHR7:20304513	SSF x LoA	-7,9757498	0,104	0,318
CHR7	2E+07	CHR7:20304516	SSF x LoA	-10,4023863	-0,073	0,304
CHR7	2E+07	CHR7:20304535	SSF x LoA	-10,5833594	-0,006	0,298
CHR7	2E+07	CHR7:20307513	SSF x LoA	-6,64350155	-0,177	0,294
CHR7	2E+07	CHR7:20307535	SSF x LoA	-5,23192215	-0,186	0,298
CHR7	2E+07	CHR7:20307685	SSF x LoA	-9,65039202	-0,083	0,307
CHR7	2031030	CHR7:2031030	SSF x LoA	-9,25220973	0,073	0,308
CHR7	2031042	CHR7:2031042	SSF x LoA	-10,9922613	0,056	0,318
CHR7	2031083	CHR7:2031083	SSF x LoA	-10,2312182	0,053	0,306
CHR7	2031131	CHR7:2031131	SSF x LoA	-11,9815872	-0,035	0,304
CHR7	2E+07	CHR7:20311360	SSF x LoA	-8,99761627	-0,072	0,312
CHR7	2E+07	CHR7:20311395	SSF x LoA	-1,79834126	-0,027	0,317
CHR7	2E+07	CHR7:20311423	SSF x LoA	-9,42769776	0,003	0,311
CHR7	2E+07	CHR7:20311444	SSF x LoA	-8,2608298	0,017	0,316
CHR7	2E+07	CHR7:20311459	SSF x LoA	-10,1676474	0,015	0,308
CHR7	2E+07	CHR7:20311462	SSF x LoA	-6,84588004	0,025	0,306
CHR7	2E+07	CHR7:20311496	SSF x LoA	-10,4793549	0,078	0,318
CHR7	2E+07	CHR7:20311529	SSF x LoA	-9,75305465	0,064	0,310
CHR7	2031160	CHR7:2031160	SSF x LoA	-10,3922809	0,056	0,320
CHR7	2031206	CHR7:2031206	SSF x LoA	-10,9182678	-0,072	0,289
CHR7	2E+07	CHR7:20312998	SSF x LoA	-6,85793391	-0,174	0,303
CHR7	2E+07	CHR7:20313002	SSF x LoA	-9,05077037	0,103	0,306
CHR7	2E+07	CHR7:20313030	SSF x LoA	-8,83514779	-0,045	0,303
CHR7	2E+07	CHR7:20313201	SSF x LoA	-10,5870947	-0,016	0,311
CHR7	2E+07	CHR7:20313210	SSF x LoA	-11,5681478	0,015	0,306
CHR7	2E+07	CHR7:20313227	SSF x LoA	1,82714453	-0,099	0,321
CHR7	2E+07	CHR7:20313229	SSF x LoA	-8,21199668	-0,126	0,300
CHR7	2E+07	CHR7:20323570	SSF x LoA	-10,9095576	0,046	0,297
CHR7	2E+07	CHR7:20323579	SSF x LoA	-10,1842175	0,117	0,303

CHR7	2E+07	CHR7:20323637	SSF x LoA	-10,7733422	0,018	0,296
CHR7	2E+07	CHR7:20323671	SSF x LoA	-8,722682	-0,037	0,297
CHR7	2E+07	CHR7:20334653	SSF x LoA	-6,67884905	0,114	0,294
CHR7	2E+07	CHR7:20336251	SSF x LoA	-10,4076529	0,002	0,306
CHR7	2E+07	CHR7:20346436	SSF x LoA	-9,0151816	0,073	0,300
CHR7	2E+07	CHR7:20346604	SSF x LoA	-9,64040146	-0,089	0,310
CHR7	2035620	CHR7:2035620	SSF x LoA	-9,61682958	-0,017	0,290
CHR7	2035665	CHR7:2035665	SSF x LoA	-11,4726628	-0,050	0,300
CHR7	2035669	CHR7:2035669	SSF x LoA	-4,91968398	-0,188	0,299
CHR7	2035739	CHR7:2035739	SSF x LoA	-9,41170848	-0,003	0,310
CHR7	2E+07	CHR7:20359244	SSF x LoA	-6,47865423	-0,039	0,298
CHR7	2E+07	CHR7:20359265	SSF x LoA	-11,1455665	0,039	0,302
CHR7	2E+07	CHR7:20362851	SSF x LoA	-7,22069709	0,041	0,305
CHR7	2E+07	CHR7:20363000	SSF x LoA	-8,05744087	0,020	0,306
CHR7	2E+07	CHR7:20363033	SSF x LoA	-9,99756556	0,075	0,319
CHR7	2E+07	CHR7:20363047	SSF x LoA	-0,94026343	-0,011	0,309
CHR7	2E+07	CHR7:20363048	SSF x LoA	-9,74125351	-0,045	0,307
CHR7	2E+07	CHR7:20386552	SSF x LoA	-9,5567389	0,064	0,314
CHR7	2E+07	CHR7:20398409	SSF x LoA	-11,4943153	0,043	0,317
CHR7	2E+07	CHR7:20403297	SSF x LoA	-9,60019815	0,097	0,309
CHR7	2E+07	CHR7:20412820	SSF x LoA	-8,44790946	-0,045	0,316
CHR7	2E+07	CHR7:20412966	SSF x LoA	-2,1746723	-0,043	0,313
CHR7	2E+07	CHR7:20416035	SSF x LoA	-10,2706687	-0,014	0,305
CHR7	2E+07	CHR7:20425201	SSF x LoA	-8,84912325	0,056	0,302
CHR7	2E+07	CHR7:20425227	SSF x LoA	-10,1733333	-0,010	0,312
CHR7	2E+07	CHR7:20428341	SSF x LoA	-10,666707	-0,055	0,298
CHR7	2E+07	CHR7:20433213	SSF x LoA	-9,01988477	0,071	0,304
CHR7	2E+07	CHR7:20433222	SSF x LoA	-8,1781374	0,047	0,292
CHR7	2E+07	CHR7:20433240	SSF x LoA	-9,91473459	0,022	0,302
CHR7	2E+07	CHR7:20433242	SSF x LoA	-11,6201798	-0,006	0,307
CHR7	2E+07	CHR7:20433750	SSF x LoA	-7,6841161	-0,061	0,315
CHR7	2E+07	CHR7:20435155	SSF x LoA	-6,04464177	-0,078	0,300
CHR7	2E+07	CHR7:20435271	SSF x LoA	-10,3078138	-0,043	0,313
CHR7	2E+07	CHR7:20435472	SSF x LoA	-8,41331125	-0,117	0,309
CHR7	2E+07	CHR7:20444227	SSF x LoA	-10,6157306	0,097	0,309
CHR7	2E+07	CHR7:20444233	SSF x LoA	-10,676468	-0,023	0,308
CHR7	2E+07	CHR7:20444239	SSF x LoA	-2,84494037	-0,072	0,311
CHR7	2E+07	CHR7:20444367	SSF x LoA	-7,85567567	0,075	0,301
CHR7	2E+07	CHR7:20445273	SSF x LoA	-11,7906873	0,059	0,297
CHR7	2E+07	CHR7:20445315	SSF x LoA	-6,58205104	-0,001	0,317
CHR7	2E+07	CHR7:20445321	SSF x LoA	-9,35299791	0,007	0,306
CHR7	2E+07	CHR7:20445330	SSF x LoA	-9,46341965	-0,070	0,303
CHR7	2E+07	CHR7:20450459	SSF x LoA	-11,2703632	0,028	0,310
CHR7	2E+07	CHR7:20450506	SSF x LoA	-7,94203779	-0,056	0,307
CHR7	2E+07	CHR7:20450576	SSF x LoA	-9,73600121	0,084	0,310
CHR7	2E+07	CHR7:20455409	SSF x LoA	-5,03473104	-0,180	0,294
CHR7	2E+07	CHR7:20455589	SSF x LoA	-8,53107267	0,077	0,316
CHR7	2E+07	CHR7:20455616	SSF x LoA	-6,78940381	0,076	0,308
CHR7	2E+07	CHR7:20456774	SSF x LoA	-8,02433095	-0,043	0,304
CHR7	2E+07	CHR7:20456811	SSF x LoA	-9,13786883	-0,065	0,292
CHR7	2E+07	CHR7:20466425	SSF x LoA	-8,30148687	0,066	0,304
CHR7	2E+07	CHR7:20466483	SSF x LoA	-7,72846244	0,042	0,305
CHR7	2E+07	CHR7:20466596	SSF x LoA	-8,62596718	0,012	0,307

CHR7	2E+07	CHR7:20466650	SSF x LoA	-7,97908369	-0,029	0,307
CHR7	2047426	CHR7:2047426	SSF x LoA	-8,73399959	0,010	0,297
CHR7	2E+07	CHR7:20476591	SSF x LoA	-9,81810969	-0,051	0,308
CHR7	2E+07	CHR7:20476914	SSF x LoA	-10,4458655	0,003	0,312
CHR7	2E+07	CHR7:20476929	SSF x LoA	-8,09655036	0,169	0,298
CHR7	2E+07	CHR7:20491163	SSF x LoA	-3,28093675	0,045	0,315
CHR7	2E+07	CHR7:20493064	SSF x LoA	-9,04119744	-0,120	0,304
CHR7	2E+07	CHR7:20493130	SSF x LoA	-9,71338687	-0,107	0,308
CHR7	2E+07	CHR7:20495911	SSF x LoA	-10,7491516	0,030	0,291
CHR7	2E+07	CHR7:20496051	SSF x LoA	-5,4658814	-0,185	0,307
CHR7	20502841	CHR7:20502841	SSF x LoA	-9,40108191	0,011	0,308
CHR7	20502885	CHR7:20502885	SSF x LoA	-10,0749872	0,122	0,300
CHR7	20502922	CHR7:20502922	SSF x LoA	-8,45967906	-0,049	0,302
CHR7	20509497	CHR7:20509497	SSF x LoA	-11,7044524	-0,040	0,294
CHR7	2051386	CHR7:2051386	SSF x LoA	-10,8749111	-0,045	0,314
CHR7	2051410	CHR7:2051410	SSF x LoA	-6,74698471	-0,107	0,301
CHR7	20514646	CHR7:20514646	SSF x LoA	-11,0570876	0,086	0,297
CHR7	20525429	CHR7:20525429	SSF x LoA	-9,57604937	-0,025	0,315
CHR7	20525430	CHR7:20525430	SSF x LoA	-6,97795591	-0,026	0,317
CHR7	20525435	CHR7:20525435	SSF x LoA	-11,1074805	0,020	0,305
CHR7	20525540	CHR7:20525540	SSF x LoA	-10,9565772	0,011	0,295
CHR7	20537097	CHR7:20537097	SSF x LoA	-9,72993413	0,044	0,311
CHR7	20546060	CHR7:20546060	SSF x LoA	-8,80541189	-0,094	0,294
CHR7	20546067	CHR7:20546067	SSF x LoA	-7,89879143	-0,027	0,313
CHR7	2055523	CHR7:2055523	SSF x LoA	-8,85570033	0,152	0,296
CHR7	20563225	CHR7:20563225	SSF x LoA	-9,05182751	0,040	0,305
CHR7	20563238	CHR7:20563238	SSF x LoA	-8,66536668	0,006	0,316
CHR7	20563262	CHR7:20563262	SSF x LoA	-10,2761957	0,105	0,303
CHR7	20563899	CHR7:20563899	SSF x LoA	-9,59378763	-0,022	0,312
CHR7	20563905	CHR7:20563905	SSF x LoA	-10,2958477	0,040	0,300
CHR7	20563913	CHR7:20563913	SSF x LoA	-10,4629329	-0,029	0,299
CHR7	20563947	CHR7:20563947	SSF x LoA	-7,57553254	-0,013	0,321
CHR7	2057363	CHR7:2057363	SSF x LoA	-5,08747588	-0,181	0,303
CHR7	2057382	CHR7:2057382	SSF x LoA	-10,250546	-0,137	0,319
CHR7	20588603	CHR7:20588603	SSF x LoA	-10,2970421	-0,027	0,309
CHR7	20588618	CHR7:20588618	SSF x LoA	-9,41588245	-0,013	0,297
CHR7	20588677	CHR7:20588677	SSF x LoA	-7,65414259	-0,054	0,284
CHR7	20588693	CHR7:20588693	SSF x LoA	-9,26339687	-0,060	0,294
CHR7	20588705	CHR7:20588705	SSF x LoA	-10,7368816	0,034	0,314
CHR7	20589936	CHR7:20589936	SSF x LoA	-7,20696385	-0,048	0,304
CHR7	20592831	CHR7:20592831	SSF x LoA	-9,22405327	-0,065	0,317
CHR7	20592853	CHR7:20592853	SSF x LoA	-8,02117725	-0,021	0,306
CHR7	20592856	CHR7:20592856	SSF x LoA	-10,4065738	0,052	0,317
CHR7	2060241	CHR7:2060241	SSF x LoA	-6,22329197	0,164	0,300
CHR7	206182	CHR7:206182	SSF x LoA	-3,03411478	-0,183	0,297
CHR7	20627018	CHR7:20627018	SSF x LoA	-7,29309687	0,065	0,313
CHR7	20627027	CHR7:20627027	SSF x LoA	-6,37025792	0,057	0,303
CHR7	20627053	CHR7:20627053	SSF x LoA	-9,19834081	0,036	0,320
CHR7	20627091	CHR7:20627091	SSF x LoA	-8,59612766	-0,003	0,306
CHR7	20634291	CHR7:20634291	SSF x LoA	-8,9657984	0,047	0,293
CHR7	20634835	CHR7:20634835	SSF x LoA	-1,81933644	0,081	0,303
CHR7	20641231	CHR7:20641231	SSF x LoA	-9,003147	0,090	0,301
CHR7	20641415	CHR7:20641415	SSF x LoA	-8,24641693	-0,050	0,301

CHR7	20641434	CHR7:20641434	SSF x LoA	-9,12696445	-0,018	0,316
CHR7	20647532	CHR7:20647532	SSF x LoA	-9,0971487	-0,065	0,316
CHR7	20647569	CHR7:20647569	SSF x LoA	-8,36526016	-0,067	0,312
CHR7	20647571	CHR7:20647571	SSF x LoA	-5,67106458	0,040	0,317
CHR7	20647576	CHR7:20647576	SSF x LoA	-8,51658457	0,025	0,304
CHR7	20647610	CHR7:20647610	SSF x LoA	-8,23555078	-0,137	0,310
CHR7	20649170	CHR7:20649170	SSF x LoA	-7,66669072	0,155	0,303
CHR7	20649206	CHR7:20649206	SSF x LoA	-6,65463148	-0,046	0,312
CHR7	20651033	CHR7:20651033	SSF x LoA	-8,90882758	0,009	0,312
CHR7	20651156	CHR7:20651156	SSF x LoA	-9,65230632	-0,070	0,304
CHR7	206517	CHR7:206517	SSF x LoA	-8,14584754	-0,013	0,305
CHR7	20655098	CHR7:20655098	SSF x LoA	-9,59911893	0,038	0,302
CHR7	20655100	CHR7:20655100	SSF x LoA	-6,18521785	0,066	0,328
CHR7	20655102	CHR7:20655102	SSF x LoA	-9,32680512	0,008	0,317
CHR7	20655103	CHR7:20655103	SSF x LoA	-7,32973675	0,071	0,311
CHR7	20663060	CHR7:20663060	SSF x LoA	-9,64355403	-0,027	0,306
CHR7	20663079	CHR7:20663079	SSF x LoA	-11,6189949	0,021	0,307
CHR7	20663130	CHR7:20663130	SSF x LoA	-8,10242451	-0,027	0,303
CHR7	20676529	CHR7:20676529	SSF x LoA	-8,77852491	-0,034	0,303
CHR7	20676560	CHR7:20676560	SSF x LoA	-11,4091141	0,042	0,310
CHR7	20676612	CHR7:20676612	SSF x LoA	-10,6014721	-0,021	0,309
CHR7	2069231	CHR7:2069231	SSF x LoA	-8,21614039	-0,085	0,300
CHR7	2069317	CHR7:2069317	SSF x LoA	-7,28248796	-0,110	0,297
CHR7	2069443	CHR7:2069443	SSF x LoA	-8,82701626	0,019	0,313
CHR7	2069456	CHR7:2069456	SSF x LoA	-7,46608727	-0,158	0,304
CHR7	20705814	CHR7:20705814	SSF x LoA	-9,89741162	0,074	0,305
CHR7	20705915	CHR7:20705915	SSF x LoA	-9,62434098	-0,014	0,302
CHR7	20705919	CHR7:20705919	SSF x LoA	-10,1119691	-0,054	0,311
CHR7	20705970	CHR7:20705970	SSF x LoA	-10,9505453	-0,093	0,313
CHR7	20706013	CHR7:20706013	SSF x LoA	-7,61598598	-0,078	0,304
CHR7	20713479	CHR7:20713479	SSF x LoA	-8,63177652	0,035	0,312
CHR7	20713506	CHR7:20713506	SSF x LoA	-0,75909764	-0,049	0,305
CHR7	20713514	CHR7:20713514	SSF x LoA	-8,98816225	-0,038	0,302
CHR7	20713622	CHR7:20713622	SSF x LoA	-8,12915191	-0,041	0,311
CHR7	20713638	CHR7:20713638	SSF x LoA	-12,4608629	0,020	0,294
CHR7	20713723	CHR7:20713723	SSF x LoA	-10,5119444	-0,055	0,317
CHR7	20713757	CHR7:20713757	SSF x LoA	-8,040372	-0,131	0,308
CHR7	20713789	CHR7:20713789	SSF x LoA	-7,50091224	0,044	0,298
CHR7	20718290	CHR7:20718290	SSF x LoA	-4,15783073	-0,147	0,303
CHR7	20718514	CHR7:20718514	SSF x LoA	-9,18896473	0,020	0,304
CHR7	20724274	CHR7:20724274	SSF x LoA	-8,42508087	-0,067	0,310
CHR7	20726760	CHR7:20726760	SSF x LoA	-5,65790609	0,235	0,298
CHR7	20726833	CHR7:20726833	SSF x LoA	-9,74264217	-0,131	0,297
CHR7	20726894	CHR7:20726894	SSF x LoA	-10,0634648	-0,045	0,310
CHR7	20739665	CHR7:20739665	SSF x LoA	-6,70551919	-0,035	0,323
CHR7	20741635	CHR7:20741635	SSF x LoA	-8,20628106	0,141	0,316
CHR7	20741642	CHR7:20741642	SSF x LoA	-6,26884656	0,084	0,307
CHR7	20741719	CHR7:20741719	SSF x LoA	-8,82207628	0,065	0,306
CHR7	20747964	CHR7:20747964	SSF x LoA	-8,0074266	-0,102	0,319
CHR7	20747995	CHR7:20747995	SSF x LoA	-7,5449758	-0,113	0,283
CHR7	2074812	CHR7:2074812	SSF x LoA	-9,75451848	0,075	0,304
CHR7	20754545	CHR7:20754545	SSF x LoA	-10,0320888	-0,097	0,297
CHR7	20915950	CHR7:20915950	SSF x LoA	-10,0481592	-0,008	0,292

CHR7	20916175	CHR7:20916175	SSF x LoA	-5,56974622	-0,047	0,310
CHR7	20919123	CHR7:20919123	SSF x LoA	-6,8509344	0,089	0,326
CHR7	20929968	CHR7:20929968	SSF x LoA	-6,72616575	0,012	0,322
CHR7	20945268	CHR7:20945268	SSF x LoA	-8,79503031	-0,010	0,299
CHR7	20945383	CHR7:20945383	SSF x LoA	-9,66743204	0,023	0,305
CHR7	2095073	CHR7:2095073	SSF x LoA	-11,2203116	-0,036	0,299
CHR7	2095106	CHR7:2095106	SSF x LoA	-11,6535507	-0,040	0,306
CHR7	2095109	CHR7:2095109	SSF x LoA	-7,89375333	-0,020	0,313
CHR7	2099038	CHR7:2099038	SSF x LoA	-11,2447531	0,028	0,316
CHR7	2099044	CHR7:2099044	SSF x LoA	-8,20266325	0,010	0,322
CHR7	2100164	CHR7:2100164	SSF x LoA	-3,15758092	-0,123	0,295
CHR7	2100255	CHR7:2100255	SSF x LoA	-7,07003642	0,061	0,300
CHR7	2100256	CHR7:2100256	SSF x LoA	-5,66587905	0,087	0,318
CHR7	2102480	CHR7:2102480	SSF x LoA	-10,7620407	0,022	0,319
CHR7	2102535	CHR7:2102535	SSF x LoA	-7,66615683	-0,102	0,303
CHR7	2102540	CHR7:2102540	SSF x LoA	-9,78665183	0,016	0,298
CHR7	2102556	CHR7:2102556	SSF x LoA	-8,55031592	0,125	0,296
CHR7	2117858	CHR7:2117858	SSF x LoA	-9,26869258	-0,068	0,313
CHR7	2117996	CHR7:2117996	SSF x LoA	-10,7004104	-0,005	0,321
CHR7	2118062	CHR7:2118062	SSF x LoA	-10,2854814	-0,107	0,295
CHR7	2124789	CHR7:2124789	SSF x LoA	-9,63389349	0,061	0,307
CHR7	2128551	CHR7:2128551	SSF x LoA	-11,0308582	0,019	0,314
CHR7	2128572	CHR7:2128572	SSF x LoA	-4,60158166	-0,039	0,303
CHR7	2129857	CHR7:2129857	SSF x LoA	-12,7652128	0,018	0,293
CHR7	2129860	CHR7:2129860	SSF x LoA	-9,36238791	0,071	0,298
CHR7	2130460	CHR7:2130460	SSF x LoA	-8,62199337	-0,043	0,310
CHR7	2130556	CHR7:2130556	SSF x LoA	-9,36633375	0,008	0,312
CHR7	2130564	CHR7:2130564	SSF x LoA	-9,0973868	-0,002	0,312
CHR7	2130580	CHR7:2130580	SSF x LoA	-7,49778762	-0,002	0,326
CHR7	2139996	CHR7:2139996	SSF x LoA	-7,64068317	0,070	0,304
CHR7	2150777	CHR7:2150777	SSF x LoA	-8,27007398	0,013	0,310
CHR7	2159798	CHR7:2159798	SSF x LoA	-9,38648743	0,060	0,294
CHR7	2176025	CHR7:2176025	SSF x LoA	-9,38903605	-0,012	0,311
CHR7	2176133	CHR7:2176133	SSF x LoA	-9,78235415	0,081	0,292
CHR7	2176175	CHR7:2176175	SSF x LoA	-10,0042838	0,097	0,296
CHR7	2177648	CHR7:2177648	SSF x LoA	-8,60793707	-0,013	0,306
CHR7	2177671	CHR7:2177671	SSF x LoA	-6,93712908	-0,020	0,292
CHR7	2177808	CHR7:2177808	SSF x LoA	-6,92832831	-0,060	0,268
CHR7	2192947	CHR7:2192947	SSF x LoA	-10,8323959	0,012	0,309
CHR7	2192949	CHR7:2192949	SSF x LoA	-9,23345876	-0,088	0,304
CHR7	2192979	CHR7:2192979	SSF x LoA	-11,4548097	-0,070	0,302
CHR7	2193130	CHR7:2193130	SSF x LoA	-10,0722398	0,046	0,300
CHR7	2197270	CHR7:2197270	SSF x LoA	4,08655388	0,004	0,311
CHR7	2197321	CHR7:2197321	SSF x LoA	-8,90965413	0,091	0,294
CHR7	2197512	CHR7:2197512	SSF x LoA	-12,2297091	0,068	0,310
CHR7	2202151	CHR7:2202151	SSF x LoA	-9,09959053	0,085	0,303
CHR7	2212239	CHR7:2212239	SSF x LoA	-8,27916184	-0,133	0,300
CHR7	2212275	CHR7:2212275	SSF x LoA	-8,97559932	-0,135	0,304
CHR7	2218112	CHR7:2218112	SSF x LoA	-1,81855062	0,060	0,313
CHR7	2218380	CHR7:2218380	SSF x LoA	-11,1588546	0,100	0,296
CHR7	2225053	CHR7:2225053	SSF x LoA	-7,10226716	0,125	0,304
CHR7	2228541	CHR7:2228541	SSF x LoA	-11,8891687	-0,043	0,300
CHR7	2228560	CHR7:2228560	SSF x LoA	-6,74804247	-0,006	0,301

CHR7	2228572	CHR7:2228572	SSF x LoA	-8,25664939	0,100	0,312
CHR7	2233544	CHR7:2233544	SSF x LoA	-10,9596372	0,107	0,306
CHR7	2233684	CHR7:2233684	SSF x LoA	-8,65579131	-0,086	0,293
CHR7	2235070	CHR7:2235070	SSF x LoA	-9,32374525	0,012	0,297
CHR7	2236430	CHR7:2236430	SSF x LoA	-11,5242295	-0,031	0,293
CHR7	2238102	CHR7:2238102	SSF x LoA	-10,392354	-0,045	0,307
CHR7	2242583	CHR7:2242583	SSF x LoA	-7,72945892	0,041	0,317
CHR7	2242596	CHR7:2242596	SSF x LoA	-9,58570055	0,133	0,309
CHR7	2242800	CHR7:2242800	SSF x LoA	-8,46346549	-0,083	0,298
CHR7	2248691	CHR7:2248691	SSF x LoA	-8,11714772	-0,115	0,306
CHR7	2250908	CHR7:2250908	SSF x LoA	-11,3247814	-0,021	0,301
CHR7	2250990	CHR7:2250990	SSF x LoA	-8,88924159	0,018	0,315
CHR7	2250992	CHR7:2250992	SSF x LoA	-9,79033335	-0,003	0,303
CHR7	2251002	CHR7:2251002	SSF x LoA	-9,23995935	-0,012	0,310
CHR7	2251016	CHR7:2251016	SSF x LoA	-9,6086178	0,057	0,303
CHR7	2251025	CHR7:2251025	SSF x LoA	-10,5852287	0,042	0,323
CHR7	2251042	CHR7:2251042	SSF x LoA	-9,63035966	-0,022	0,312
CHR7	2251048	CHR7:2251048	SSF x LoA	-12,4723213	0,036	0,309
CHR7	2251051	CHR7:2251051	SSF x LoA	-9,42211182	-0,048	0,312
CHR7	2254525	CHR7:2254525	SSF x LoA	-8,78340472	-0,004	0,312
CHR7	2254577	CHR7:2254577	SSF x LoA	-10,3491841	0,025	0,303
CHR7	225497	CHR7:225497	SSF x LoA	-11,4529662	-0,001	0,309
CHR7	225550	CHR7:225550	SSF x LoA	-2,66817114	-0,094	0,319
CHR7	2261041	CHR7:2261041	SSF x LoA	-9,84109224	-0,055	0,312
CHR7	2261073	CHR7:2261073	SSF x LoA	-8,68378111	0,083	0,319
CHR7	2269864	CHR7:2269864	SSF x LoA	-9,05399236	0,002	0,320
CHR7	2269940	CHR7:2269940	SSF x LoA	-9,05354853	-0,118	0,296
CHR7	2270148	CHR7:2270148	SSF x LoA	-9,41433619	0,101	0,309
CHR7	2270175	CHR7:2270175	SSF x LoA	-8,48332592	-0,013	0,298
CHR7	2270195	CHR7:2270195	SSF x LoA	-8,73832873	0,055	0,312
CHR7	2270214	CHR7:2270214	SSF x LoA	-7,66508163	0,073	0,300
CHR7	2281687	CHR7:2281687	SSF x LoA	-9,77190833	0,041	0,301
CHR7	2294415	CHR7:2294415	SSF x LoA	-10,7810803	0,033	0,303
CHR7	2294502	CHR7:2294502	SSF x LoA	-8,75031993	0,036	0,298
CHR7	2304353	CHR7:2304353	SSF x LoA	-8,69481305	-0,103	0,310
CHR7	231021	CHR7:231021	SSF x LoA	-10,7299511	0,066	0,302
CHR7	231087	CHR7:231087	SSF x LoA	-11,6483536	-0,025	0,315
CHR7	231182	CHR7:231182	SSF x LoA	-2,55242565	-0,070	0,334
CHR7	2318479	CHR7:2318479	SSF x LoA	-7,72018021	0,056	0,312
CHR7	2320114	CHR7:2320114	SSF x LoA	-11,0266309	-0,020	0,299
CHR7	2320126	CHR7:2320126	SSF x LoA	-8,16917958	0,032	0,308
CHR7	2320529	CHR7:2320529	SSF x LoA	-7,84447348	-0,005	0,321
CHR7	2320591	CHR7:2320591	SSF x LoA	-11,8985573	0,003	0,312
CHR7	2321868	CHR7:2321868	SSF x LoA	-9,33899601	-0,036	0,297
CHR7	2321871	CHR7:2321871	SSF x LoA	-7,00002962	0,123	0,285
CHR7	2321881	CHR7:2321881	SSF x LoA	-6,64186252	0,138	0,298
CHR7	2322015	CHR7:2322015	SSF x LoA	-9,79463244	0,074	0,303
CHR7	2322085	CHR7:2322085	SSF x LoA	-6,99125641	-0,119	0,294
CHR7	2322091	CHR7:2322091	SSF x LoA	-3,72047975	-0,089	0,328
CHR7	2329059	CHR7:2329059	SSF x LoA	-10,5746842	0,013	0,307
CHR7	2330356	CHR7:2330356	SSF x LoA	-6,87893132	0,119	0,311
CHR7	2330444	CHR7:2330444	SSF x LoA	-11,2547987	0,034	0,311
CHR7	2330505	CHR7:2330505	SSF x LoA	-9,56550285	0,022	0,301

CHR7	2330511	CHR7:2330511	SSF x LoA	-11,4675314	-0,028	0,311
CHR7	2330534	CHR7:2330534	SSF x LoA	-10,2186503	0,002	0,324
CHR7	2333743	CHR7:2333743	SSF x LoA	-7,47669785	0,153	0,312
CHR7	2356837	CHR7:2356837	SSF x LoA	-10,5612921	-0,063	0,295
CHR7	2356841	CHR7:2356841	SSF x LoA	-11,9862136	-0,043	0,293
CHR7	2356968	CHR7:2356968	SSF x LoA	-9,27510803	-0,041	0,316
CHR7	2359852	CHR7:2359852	SSF x LoA	-8,52845449	-0,088	0,301
CHR7	2359906	CHR7:2359906	SSF x LoA	-12,3071567	-0,048	0,310
CHR7	2359910	CHR7:2359910	SSF x LoA	-10,3810063	-0,085	0,306
CHR7	2359922	CHR7:2359922	SSF x LoA	-12,0538652	-0,053	0,301
CHR7	2374715	CHR7:2374715	SSF x LoA	-9,53200396	0,095	0,311
CHR7	2374836	CHR7:2374836	SSF x LoA	-8,98461971	0,058	0,288
CHR7	2374882	CHR7:2374882	SSF x LoA	-12,0067912	0,031	0,310
CHR7	2374886	CHR7:2374886	SSF x LoA	-7,97352679	-0,036	0,301
CHR7	2380248	CHR7:2380248	SSF x LoA	-8,80718813	-0,016	0,311
CHR7	2380253	CHR7:2380253	SSF x LoA	-7,57360793	0,053	0,320
CHR7	2380320	CHR7:2380320	SSF x LoA	-9,72767375	-0,022	0,305
CHR7	2380324	CHR7:2380324	SSF x LoA	-7,18756721	-0,096	0,308
CHR7	2380407	CHR7:2380407	SSF x LoA	-10,2434063	-0,084	0,310
CHR7	2380443	CHR7:2380443	SSF x LoA	-9,11110909	-0,033	0,308
CHR7	2384484	CHR7:2384484	SSF x LoA	-8,12980943	-0,120	0,303
CHR7	2384507	CHR7:2384507	SSF x LoA	-8,76463357	0,084	0,310
CHR7	2384540	CHR7:2384540	SSF x LoA	-8,76115909	-0,029	0,316
CHR7	2384597	CHR7:2384597	SSF x LoA	-8,27171841	-0,022	0,292
CHR7	2386180	CHR7:2386180	SSF x LoA	-11,3305643	-0,069	0,294
CHR7	2397767	CHR7:2397767	SSF x LoA	-9,31164955	-0,047	0,302
CHR7	2397815	CHR7:2397815	SSF x LoA	-9,10438563	0,007	0,305
CHR7	2397832	CHR7:2397832	SSF x LoA	-8,4804544	0,007	0,310
CHR7	2397846	CHR7:2397846	SSF x LoA	-9,6422553	-0,043	0,298
CHR7	2397857	CHR7:2397857	SSF x LoA	-9,91569003	-0,007	0,310
CHR7	2397886	CHR7:2397886	SSF x LoA	-10,2140447	0,046	0,302
CHR7	240176	CHR7:240176	SSF x LoA	-9,77287681	-0,045	0,310
CHR7	240187	CHR7:240187	SSF x LoA	-8,21933593	0,140	0,297
CHR7	240337	CHR7:240337	SSF x LoA	-5,98583367	0,136	0,307
CHR7	240352	CHR7:240352	SSF x LoA	-10,3406537	-0,030	0,295
CHR7	2416496	CHR7:2416496	SSF x LoA	-8,90616965	0,075	0,305
CHR7	2416553	CHR7:2416553	SSF x LoA	-6,37183082	0,024	0,314
CHR7	2416651	CHR7:2416651	SSF x LoA	-11,6929991	-0,045	0,304
CHR7	2418233	CHR7:2418233	SSF x LoA	-9,34050372	-0,062	0,297
CHR7	2418270	CHR7:2418270	SSF x LoA	-8,33122358	0,073	0,298
CHR7	2418295	CHR7:2418295	SSF x LoA	-9,16647397	-0,107	0,283
CHR7	2418330	CHR7:2418330	SSF x LoA	-7,89633366	0,097	0,287
CHR7	2418343	CHR7:2418343	SSF x LoA	-8,54609425	0,141	0,309
CHR7	2421451	CHR7:2421451	SSF x LoA	-8,61726608	-0,071	0,303
CHR7	2421592	CHR7:2421592	SSF x LoA	-9,78928191	-0,019	0,308
CHR7	2425000	CHR7:2425000	SSF x LoA	-10,7329941	-0,029	0,318
CHR7	2433693	CHR7:2433693	SSF x LoA	-9,14932258	-0,006	0,304
CHR7	2450914	CHR7:2450914	SSF x LoA	-9,98162622	-0,027	0,310
CHR7	2450927	CHR7:2450927	SSF x LoA	-9,38327194	0,098	0,316
CHR7	2456123	CHR7:2456123	SSF x LoA	-10,6362059	0,064	0,297
CHR7	2467605	CHR7:2467605	SSF x LoA	-9,34194147	-0,004	0,313
CHR7	2467648	CHR7:2467648	SSF x LoA	-10,3190183	-0,033	0,314
CHR7	2469572	CHR7:2469572	SSF x LoA	-10,2182172	0,013	0,321

CHR7	2469664	CHR7:2469664	SSF x LoA	-9,04363368	-0,038	0,306
CHR7	246987	CHR7:246987	SSF x LoA	-11,2231991	0,078	0,310
CHR7	247051	CHR7:247051	SSF x LoA	-7,94937347	-0,084	0,311
CHR7	247083	CHR7:247083	SSF x LoA	-9,60099419	0,092	0,312
CHR7	2474689	CHR7:2474689	SSF x LoA	-9,41260469	0,023	0,313
CHR7	2474765	CHR7:2474765	SSF x LoA	-8,00658708	-0,119	0,301
CHR7	2474790	CHR7:2474790	SSF x LoA	-10,1177897	0,015	0,305
CHR7	2476788	CHR7:2476788	SSF x LoA	-10,4927336	-0,107	0,303
CHR7	2483840	CHR7:2483840	SSF x LoA	-9,51055839	-0,050	0,321
CHR7	2483848	CHR7:2483848	SSF x LoA	-9,1339797	-0,055	0,308
CHR7	2483879	CHR7:2483879	SSF x LoA	-9,59867672	-0,070	0,327
CHR7	2484333	CHR7:2484333	SSF x LoA	-10,4851131	-0,058	0,316
CHR7	2486507	CHR7:2486507	SSF x LoA	-10,2099985	-0,006	0,313
CHR7	2486511	CHR7:2486511	SSF x LoA	-8,90699599	0,090	0,306
CHR7	2486619	CHR7:2486619	SSF x LoA	-10,2770666	0,079	0,299
CHR7	2486624	CHR7:2486624	SSF x LoA	-11,9379142	-0,021	0,295
CHR7	2490738	CHR7:2490738	SSF x LoA	-9,98651979	0,065	0,305
CHR7	249638	CHR7:249638	SSF x LoA	-7,20414838	0,160	0,293
CHR7	2500924	CHR7:2500924	SSF x LoA	-11,1656059	-0,037	0,314
CHR7	2501317	CHR7:2501317	SSF x LoA	-8,91641214	-0,045	0,313
CHR7	2506580	CHR7:2506580	SSF x LoA	-7,51210082	-0,115	0,304
CHR7	2506589	CHR7:2506589	SSF x LoA	-7,69381065	0,035	0,304
CHR7	2506590	CHR7:2506590	SSF x LoA	-11,5064994	0,045	0,309
CHR7	2506601	CHR7:2506601	SSF x LoA	-8,82273696	0,018	0,314
CHR7	2506617	CHR7:2506617	SSF x LoA	-7,83356252	-0,143	0,297
CHR7	2506658	CHR7:2506658	SSF x LoA	-7,33413092	0,083	0,303
CHR7	2506692	CHR7:2506692	SSF x LoA	-9,10658631	0,139	0,309
CHR7	2506698	CHR7:2506698	SSF x LoA	-5,18590894	0,211	0,280
CHR7	2510899	CHR7:2510899	SSF x LoA	-11,9095349	0,006	0,304
CHR7	2511932	CHR7:2511932	SSF x LoA	-6,79358967	0,037	0,306
CHR7	2511960	CHR7:2511960	SSF x LoA	-10,5691457	-0,029	0,299
CHR7	2511979	CHR7:2511979	SSF x LoA	-6,26860851	0,091	0,311
CHR7	2511987	CHR7:2511987	SSF x LoA	-9,36742525	0,106	0,308
CHR7	2512047	CHR7:2512047	SSF x LoA	-9,8847667	0,096	0,304
CHR7	2515671	CHR7:2515671	SSF x LoA	-11,546741	-0,041	0,297
CHR7	2515715	CHR7:2515715	SSF x LoA	-10,0280763	0,015	0,308
CHR7	2515719	CHR7:2515719	SSF x LoA	-10,3005569	0,006	0,309
CHR7	2515755	CHR7:2515755	SSF x LoA	-9,76005064	0,020	0,306
CHR7	2519439	CHR7:2519439	SSF x LoA	-11,4768534	0,051	0,302
CHR7	2519734	CHR7:2519734	SSF x LoA	-7,3330161	-0,115	0,308
CHR7	2524920	CHR7:2524920	SSF x LoA	-7,9173745	0,010	0,311
CHR7	2524967	CHR7:2524967	SSF x LoA	-7,78597782	0,061	0,309
CHR7	2524997	CHR7:2524997	SSF x LoA	-8,8724441	0,073	0,296
CHR7	2525271	CHR7:2525271	SSF x LoA	-9,49720171	0,166	0,304
CHR7	2525272	CHR7:2525272	SSF x LoA	-9,47432039	-0,036	0,302
CHR7	2525276	CHR7:2525276	SSF x LoA	-7,15344193	0,012	0,318
CHR7	2527739	CHR7:2527739	SSF x LoA	-8,3491951	-0,045	0,315
CHR7	2527827	CHR7:2527827	SSF x LoA	-9,27294499	0,023	0,300
CHR7	2527946	CHR7:2527946	SSF x LoA	-8,69310552	-0,060	0,314
CHR7	2527968	CHR7:2527968	SSF x LoA	-8,97493459	-0,025	0,304
CHR7	2533566	CHR7:2533566	SSF x LoA	-9,19990153	-0,007	0,320
CHR7	2533576	CHR7:2533576	SSF x LoA	-7,57096249	0,000	0,294
CHR7	2533602	CHR7:2533602	SSF x LoA	-9,0623177	0,026	0,307

CHR7	2533625	CHR7:2533625	SSF x LoA	-11,8064471	0,033	0,290
CHR7	2533719	CHR7:2533719	SSF x LoA	-9,61950711	-0,086	0,308
CHR7	2537799	CHR7:2537799	SSF x LoA	-9,2096154	-0,041	0,312
CHR7	2537867	CHR7:2537867	SSF x LoA	-8,71113002	0,041	0,298
CHR7	2547602	CHR7:2547602	SSF x LoA	-5,47666916	0,125	0,312
CHR7	2569378	CHR7:2569378	SSF x LoA	-10,5454366	-0,050	0,318
CHR7	2569407	CHR7:2569407	SSF x LoA	-7,93043316	0,003	0,318
CHR7	2587867	CHR7:2587867	SSF x LoA	-8,90165425	-0,062	0,317
CHR7	2587868	CHR7:2587868	SSF x LoA	-10,3384817	-0,035	0,311
CHR7	2591528	CHR7:2591528	SSF x LoA	-8,69413117	-0,058	0,304
CHR7	2591582	CHR7:2591582	SSF x LoA	-11,0812513	0,124	0,292
CHR7	2596702	CHR7:2596702	SSF x LoA	-10,6590725	-0,046	0,311
CHR7	2596707	CHR7:2596707	SSF x LoA	-6,28506166	-0,109	0,303
CHR7	2596735	CHR7:2596735	SSF x LoA	-7,57564606	-0,132	0,296
CHR7	2596758	CHR7:2596758	SSF x LoA	-10,8337622	0,043	0,301
CHR7	2596760	CHR7:2596760	SSF x LoA	-10,3157233	-0,048	0,300
CHR7	2596763	CHR7:2596763	SSF x LoA	-7,84985361	-0,160	0,275
CHR7	2596768	CHR7:2596768	SSF x LoA	-8,02880947	0,128	0,302
CHR7	2596776	CHR7:2596776	SSF x LoA	-9,70971413	-0,045	0,317
CHR7	2596887	CHR7:2596887	SSF x LoA	-11,02333	0,058	0,295
CHR7	2596893	CHR7:2596893	SSF x LoA	-10,234208	0,060	0,313
CHR7	2596894	CHR7:2596894	SSF x LoA	-8,08367842	0,141	0,305
CHR7	2596897	CHR7:2596897	SSF x LoA	-10,2609572	0,045	0,302
CHR7	2596905	CHR7:2596905	SSF x LoA	-9,87763364	0,060	0,298
CHR7	2596906	CHR7:2596906	SSF x LoA	-9,10205762	0,137	0,310
CHR7	2628048	CHR7:2628048	SSF x LoA	-10,2274926	-0,015	0,308
CHR7	2628117	CHR7:2628117	SSF x LoA	-4,31594297	-0,160	0,297
CHR7	2628120	CHR7:2628120	SSF x LoA	-10,8197922	-0,004	0,298
CHR7	2628126	CHR7:2628126	SSF x LoA	-11,412116	-0,077	0,300
CHR7	2628172	CHR7:2628172	SSF x LoA	-9,58133643	-0,043	0,297
CHR7	2639238	CHR7:2639238	SSF x LoA	-7,56562316	0,156	0,298
CHR7	2639301	CHR7:2639301	SSF x LoA	-7,57212162	-0,097	0,307
CHR7	2639323	CHR7:2639323	SSF x LoA	-4,85255317	-0,005	0,311
CHR7	2639349	CHR7:2639349	SSF x LoA	-6,94329919	0,034	0,316
CHR7	263936	CHR7:263936	SSF x LoA	-8,99187024	-0,039	0,304
CHR7	263937	CHR7:263937	SSF x LoA	15,8677224	-0,070	0,302
CHR7	2639374	CHR7:2639374	SSF x LoA	-8,69293368	-0,028	0,312
CHR7	2639380	CHR7:2639380	SSF x LoA	-8,61203305	-0,013	0,315
CHR7	263941	CHR7:263941	SSF x LoA	-8,67534322	0,007	0,313
CHR7	2639419	CHR7:2639419	SSF x LoA	-9,03698196	0,047	0,299
CHR7	264017	CHR7:264017	SSF x LoA	-9,05157025	0,033	0,302
CHR7	264134	CHR7:264134	SSF x LoA	-7,46011413	-0,045	0,300
CHR7	264141	CHR7:264141	SSF x LoA	-8,53670283	-0,059	0,328
CHR7	2641585	CHR7:2641585	SSF x LoA	-9,34122607	-0,059	0,310
CHR7	2641658	CHR7:2641658	SSF x LoA	-7,52740153	-0,204	0,297
CHR7	2641756	CHR7:2641756	SSF x LoA	-9,62827611	-0,027	0,304
CHR7	2642889	CHR7:2642889	SSF x LoA	-10,4047279	-0,019	0,311
CHR7	2643099	CHR7:2643099	SSF x LoA	-8,99515841	0,021	0,292
CHR7	2646895	CHR7:2646895	SSF x LoA	-7,12630151	-0,019	0,296
CHR7	2646904	CHR7:2646904	SSF x LoA	-11,0551458	-0,027	0,309
CHR7	2647000	CHR7:2647000	SSF x LoA	-10,5119773	-0,094	0,311
CHR7	2649338	CHR7:2649338	SSF x LoA	-8,47879338	0,035	0,323
CHR7	2649366	CHR7:2649366	SSF x LoA	-7,8281475	-0,090	0,303

CHR7	2649376	CHR7:2649376	SSF x LoA	-8,59121188	-0,006	0,321
CHR7	2652730	CHR7:2652730	SSF x LoA	-9,1132154	0,030	0,309
CHR7	2652958	CHR7:2652958	SSF x LoA	-10,6068532	-0,058	0,300
CHR7	2658741	CHR7:2658741	SSF x LoA	-11,1892781	0,014	0,320
CHR7	2658761	CHR7:2658761	SSF x LoA	-10,9814484	0,046	0,294
CHR7	2658788	CHR7:2658788	SSF x LoA	-8,15640621	0,018	0,317
CHR7	2658866	CHR7:2658866	SSF x LoA	-10,4399483	0,083	0,304
CHR7	2659462	CHR7:2659462	SSF x LoA	-8,72697594	0,046	0,302
CHR7	2675742	CHR7:2675742	SSF x LoA	-8,73425951	0,082	0,301
CHR7	2675902	CHR7:2675902	SSF x LoA	-9,80008937	-0,043	0,311
CHR7	2675909	CHR7:2675909	SSF x LoA	-8,37147452	0,113	0,306
CHR7	2675912	CHR7:2675912	SSF x LoA	-4,72308125	-0,172	0,293
CHR7	2675971	CHR7:2675971	SSF x LoA	-9,51008906	-0,008	0,293
CHR7	2676005	CHR7:2676005	SSF x LoA	-10,0823403	0,032	0,315
CHR7	2680665	CHR7:2680665	SSF x LoA	-8,49837223	0,028	0,324
CHR7	2680759	CHR7:2680759	SSF x LoA	-8,91828718	-0,065	0,311
CHR7	2680769	CHR7:2680769	SSF x LoA	-7,91435688	0,136	0,298
CHR7	2680778	CHR7:2680778	SSF x LoA	-8,55547846	0,053	0,316
CHR7	2680804	CHR7:2680804	SSF x LoA	-0,14679557	0,120	0,300
CHR7	2680808	CHR7:2680808	SSF x LoA	-9,88840052	0,100	0,312
CHR7	2684936	CHR7:2684936	SSF x LoA	-7,84754554	-0,011	0,308
CHR7	2688156	CHR7:2688156	SSF x LoA	-10,7057249	-0,004	0,309
CHR7	2688157	CHR7:2688157	SSF x LoA	-8,64712696	-0,007	0,313
CHR7	2707192	CHR7:2707192	SSF x LoA	-6,32030749	0,176	0,285
CHR7	2712566	CHR7:2712566	SSF x LoA	-8,69771165	0,053	0,298
CHR7	2715686	CHR7:2715686	SSF x LoA	-6,0336718	-0,208	0,289
CHR7	2715713	CHR7:2715713	SSF x LoA	5,01324847	0,146	0,305
CHR7	2715783	CHR7:2715783	SSF x LoA	-8,45631355	0,116	0,302
CHR7	2715784	CHR7:2715784	SSF x LoA	-8,88152937	0,113	0,317
CHR7	2715799	CHR7:2715799	SSF x LoA	-5,85270145	0,153	0,309
CHR7	2715812	CHR7:2715812	SSF x LoA	-9,60397544	0,041	0,301
CHR7	2715847	CHR7:2715847	SSF x LoA	-10,5751759	-0,052	0,293
CHR7	2715910	CHR7:2715910	SSF x LoA	-4,52360987	-0,189	0,299
CHR7	2715919	CHR7:2715919	SSF x LoA	-6,52289944	0,155	0,312
CHR7	2729427	CHR7:2729427	SSF x LoA	-7,64855442	-0,085	0,309
CHR7	2729430	CHR7:2729430	SSF x LoA	-8,75760682	0,108	0,296
CHR7	2729443	CHR7:2729443	SSF x LoA	-9,73896709	-0,012	0,305
CHR7	2729482	CHR7:2729482	SSF x LoA	-8,9959329	-0,001	0,319
CHR7	2729509	CHR7:2729509	SSF x LoA	-8,955303	-0,087	0,313
CHR7	2729517	CHR7:2729517	SSF x LoA	-9,49012656	-0,113	0,307
CHR7	2729533	CHR7:2729533	SSF x LoA	-6,69060752	-0,140	0,303
CHR7	2731842	CHR7:2731842	SSF x LoA	-2,80048755	0,135	0,303
CHR7	2731851	CHR7:2731851	SSF x LoA	-7,43779746	0,031	0,325
CHR7	2731871	CHR7:2731871	SSF x LoA	-9,81926895	-0,036	0,319
CHR7	2734831	CHR7:2734831	SSF x LoA	-10,9634251	-0,005	0,303
CHR7	2734864	CHR7:2734864	SSF x LoA	-7,10097914	-0,117	0,297
CHR7	2734986	CHR7:2734986	SSF x LoA	-7,76165808	-0,098	0,308
CHR7	2740951	CHR7:2740951	SSF x LoA	-9,54305601	-0,110	0,295
CHR7	2740966	CHR7:2740966	SSF x LoA	-7,23491639	-0,205	0,290
CHR7	2740991	CHR7:2740991	SSF x LoA	-8,99469271	0,079	0,310
CHR7	2740995	CHR7:2740995	SSF x LoA	-1,39225315	0,274	0,269
CHR7	2741013	CHR7:2741013	SSF x LoA	-4,56312721	0,085	0,311
CHR7	2741035	CHR7:2741035	SSF x LoA	-9,45821446	0,071	0,299

CHR7	2741052	CHR7:2741052	SSF x LoA	-8,00758656	0,148	0,296
CHR7	2741095	CHR7:2741095	SSF x LoA	-8,6631524	0,025	0,306
CHR7	2741098	CHR7:2741098	SSF x LoA	-7,552526	0,015	0,310
CHR7	2741149	CHR7:2741149	SSF x LoA	-7,92738035	0,111	0,294
CHR7	2741168	CHR7:2741168	SSF x LoA	-7,82248921	0,211	0,304
CHR7	2741170	CHR7:2741170	SSF x LoA	-6,59712779	0,247	0,300
CHR7	2741193	CHR7:2741193	SSF x LoA	-6,78245643	0,218	0,290
CHR7	2773494	CHR7:2773494	SSF x LoA	-8,01892891	-0,054	0,299
CHR7	2773632	CHR7:2773632	SSF x LoA	-11,8859242	0,081	0,306
CHR7	2773643	CHR7:2773643	SSF x LoA	-7,33036085	0,106	0,309
CHR7	2773658	CHR7:2773658	SSF x LoA	-10,1635154	-0,004	0,314
CHR7	2773670	CHR7:2773670	SSF x LoA	-10,1574977	0,067	0,307
CHR7	2777294	CHR7:2777294	SSF x LoA	-7,6524597	0,111	0,307
CHR7	2777331	CHR7:2777331	SSF x LoA	-6,36076696	-0,131	0,303
CHR7	2777387	CHR7:2777387	SSF x LoA	-8,60879667	-0,016	0,308
CHR7	2777409	CHR7:2777409	SSF x LoA	-10,8362558	-0,073	0,311
CHR7	2777415	CHR7:2777415	SSF x LoA	-11,3328571	-0,050	0,301
CHR7	2777421	CHR7:2777421	SSF x LoA	-12,2183307	-0,072	0,298
CHR7	2777425	CHR7:2777425	SSF x LoA	-10,2265655	-0,038	0,309
CHR7	2785581	CHR7:2785581	SSF x LoA	-9,28446605	0,121	0,299
CHR7	2786746	CHR7:2786746	SSF x LoA	-9,12793074	-0,121	0,326
CHR7	2786755	CHR7:2786755	SSF x LoA	-7,74147549	0,071	0,311
CHR7	2790291	CHR7:2790291	SSF x LoA	-6,85885421	0,119	0,289
CHR7	2797113	CHR7:2797113	SSF x LoA	-2,66990717	0,102	0,294
CHR7	2797158	CHR7:2797158	SSF x LoA	-8,02841643	-0,002	0,299
CHR7	2797161	CHR7:2797161	SSF x LoA	-8,98220059	0,033	0,292
CHR7	2797169	CHR7:2797169	SSF x LoA	-11,1712449	-0,001	0,311
CHR7	2797229	CHR7:2797229	SSF x LoA	-10,833671	0,033	0,312
CHR7	2797244	CHR7:2797244	SSF x LoA	-8,45353885	0,072	0,316
CHR7	2797288	CHR7:2797288	SSF x LoA	-9,29211376	-0,058	0,316
CHR7	2797309	CHR7:2797309	SSF x LoA	-11,2070004	-0,036	0,292
CHR7	2797335	CHR7:2797335	SSF x LoA	-8,91044758	0,097	0,304
CHR7	2797338	CHR7:2797338	SSF x LoA	-8,84779341	0,095	0,306
CHR7	2808241	CHR7:2808241	SSF x LoA	-8,53841681	0,070	0,306
CHR7	2808243	CHR7:2808243	SSF x LoA	0,61682031	0,080	0,305
CHR7	2808256	CHR7:2808256	SSF x LoA	-7,62264112	-0,162	0,300
CHR7	2808333	CHR7:2808333	SSF x LoA	-10,6313154	-0,031	0,311
CHR7	2808344	CHR7:2808344	SSF x LoA	-8,0756632	0,157	0,288
CHR7	2808349	CHR7:2808349	SSF x LoA	-11,8806858	0,049	0,299
CHR7	2808413	CHR7:2808413	SSF x LoA	-9,27166118	-0,090	0,305
CHR7	2808447	CHR7:2808447	SSF x LoA	-10,477069	-0,003	0,301
CHR7	2809305	CHR7:2809305	SSF x LoA	-6,15151266	-0,173	0,312
CHR7	2809318	CHR7:2809318	SSF x LoA	-9,83102104	0,143	0,301
CHR7	2809352	CHR7:2809352	SSF x LoA	-10,8258878	0,024	0,313
CHR7	2809376	CHR7:2809376	SSF x LoA	-7,66811122	-0,062	0,308
CHR7	2809387	CHR7:2809387	SSF x LoA	-8,85216244	0,032	0,316
CHR7	2815377	CHR7:2815377	SSF x LoA	-3,18026207	-0,135	0,287
CHR7	2815393	CHR7:2815393	SSF x LoA	-10,0074345	0,013	0,312
CHR7	2815468	CHR7:2815468	SSF x LoA	-9,68084662	0,058	0,299
CHR7	2815529	CHR7:2815529	SSF x LoA	-11,2589805	-0,064	0,308
CHR7	2815543	CHR7:2815543	SSF x LoA	-6,80708245	-0,091	0,308
CHR7	2815679	CHR7:2815679	SSF x LoA	-7,96196524	0,140	0,294
CHR7	2815726	CHR7:2815726	SSF x LoA	-10,3152089	0,088	0,292

CHR7	2815727	CHR7:2815727	SSF x LoA	-11,2679074	0,076	0,306
CHR7	2826819	CHR7:2826819	SSF x LoA	-9,0397311	0,016	0,300
CHR7	2826869	CHR7:2826869	SSF x LoA	-9,59767162	-0,078	0,298
CHR7	2826908	CHR7:2826908	SSF x LoA	-8,54249994	0,049	0,311
CHR7	2826912	CHR7:2826912	SSF x LoA	-5,34716921	-0,014	0,312
CHR7	2826919	CHR7:2826919	SSF x LoA	-8,22629258	0,001	0,317
CHR7	2826944	CHR7:2826944	SSF x LoA	-8,70324914	-0,059	0,313
CHR7	2826953	CHR7:2826953	SSF x LoA	-8,3185781	-0,018	0,304
CHR7	2826958	CHR7:2826958	SSF x LoA	-8,09912881	-0,037	0,299
CHR7	2829341	CHR7:2829341	SSF x LoA	-8,95974962	0,044	0,306
CHR7	2829342	CHR7:2829342	SSF x LoA	-8,50942232	-0,009	0,308
CHR7	2829389	CHR7:2829389	SSF x LoA	-9,23226132	0,094	0,300
CHR7	2829394	CHR7:2829394	SSF x LoA	-9,11398006	0,034	0,314
CHR7	2829458	CHR7:2829458	SSF x LoA	-7,15454248	0,037	0,294
CHR7	2829479	CHR7:2829479	SSF x LoA	-6,61867016	-0,137	0,306
CHR7	2829480	CHR7:2829480	SSF x LoA	-4,38244906	-0,114	0,307
CHR7	2835781	CHR7:2835781	SSF x LoA	-7,60163465	0,164	0,288
CHR7	2835831	CHR7:2835831	SSF x LoA	-7,07366095	-0,047	0,315
CHR7	2835859	CHR7:2835859	SSF x LoA	-7,8728422	-0,073	0,305
CHR7	2835895	CHR7:2835895	SSF x LoA	-7,56117322	0,002	0,315
CHR7	2835911	CHR7:2835911	SSF x LoA	-6,42004784	0,189	0,300
CHR7	2835913	CHR7:2835913	SSF x LoA	-10,2241433	-0,018	0,309
CHR7	2835914	CHR7:2835914	SSF x LoA	-9,85405029	-0,049	0,299
CHR7	2835951	CHR7:2835951	SSF x LoA	-6,88208637	0,132	0,296
CHR7	2843425	CHR7:2843425	SSF x LoA	-9,9657426	-0,008	0,302
CHR7	2843479	CHR7:2843479	SSF x LoA	-9,74845824	-0,011	0,297
CHR7	2843489	CHR7:2843489	SSF x LoA	-8,90550412	0,066	0,303
CHR7	2843515	CHR7:2843515	SSF x LoA	-4,89610451	-0,190	0,286
CHR7	2843538	CHR7:2843538	SSF x LoA	-9,59596851	0,119	0,296
CHR7	2843621	CHR7:2843621	SSF x LoA	-10,0972209	0,094	0,293
CHR7	2850183	CHR7:2850183	SSF x LoA	-8,71285638	0,038	0,328
CHR7	2850240	CHR7:2850240	SSF x LoA	-12,046104	-0,026	0,311
CHR7	2850241	CHR7:2850241	SSF x LoA	-12,0341448	-0,033	0,317
CHR7	2856872	CHR7:2856872	SSF x LoA	-11,3211669	-0,045	0,314
CHR7	2856878	CHR7:2856878	SSF x LoA	-11,2017717	-0,030	0,304
CHR7	2856911	CHR7:2856911	SSF x LoA	-10,3260578	0,094	0,317
CHR7	2856948	CHR7:2856948	SSF x LoA	-10,2166176	0,083	0,301
CHR7	2856950	CHR7:2856950	SSF x LoA	-9,52127922	0,002	0,308
CHR7	2856957	CHR7:2856957	SSF x LoA	-6,57704159	0,098	0,297
CHR7	2856969	CHR7:2856969	SSF x LoA	-8,19991541	-0,057	0,311
CHR7	2856994	CHR7:2856994	SSF x LoA	-7,57438401	-0,049	0,316
CHR7	2857728	CHR7:2857728	SSF x LoA	-3,90852798	-0,212	0,299
CHR7	2861302	CHR7:2861302	SSF x LoA	-6,97662027	0,155	0,308
CHR7	2861443	CHR7:2861443	SSF x LoA	-7,77708905	-0,094	0,308
CHR7	2861475	CHR7:2861475	SSF x LoA	-7,73346892	0,087	0,299
CHR7	2861477	CHR7:2861477	SSF x LoA	-7,5406983	0,085	0,295
CHR7	2861502	CHR7:2861502	SSF x LoA	-6,39394851	0,102	0,292
CHR7	2864979	CHR7:2864979	SSF x LoA	-7,12701854	-0,097	0,303
CHR7	287328	CHR7:287328	SSF x LoA	-10,2444929	0,115	0,300
CHR7	2876405	CHR7:2876405	SSF x LoA	-7,76922725	-0,103	0,312
CHR7	2876407	CHR7:2876407	SSF x LoA	-11,409062	-0,003	0,308
CHR7	2876412	CHR7:2876412	SSF x LoA	-8,22702138	-0,103	0,308
CHR7	2876429	CHR7:2876429	SSF x LoA	-10,6965317	-0,023	0,294

CHR7	2876459	CHR7:2876459	SSF x LoA	-8,99602448	-0,025	0,296
CHR7	2876463	CHR7:2876463	SSF x LoA	-11,1099273	-0,021	0,302
CHR7	2876546	CHR7:2876546	SSF x LoA	-9,55186728	-0,135	0,310
CHR7	2894215	CHR7:2894215	SSF x LoA	-9,72247485	0,084	0,312
CHR7	2894238	CHR7:2894238	SSF x LoA	-11,4758832	0,074	0,324
CHR7	2895522	CHR7:2895522	SSF x LoA	-11,5555922	0,038	0,304
CHR7	2895594	CHR7:2895594	SSF x LoA	-9,50558098	0,038	0,311
CHR7	2895649	CHR7:2895649	SSF x LoA	-9,54455309	-0,053	0,309
CHR7	2895659	CHR7:2895659	SSF x LoA	-11,146443	0,070	0,291
CHR7	2895735	CHR7:2895735	SSF x LoA	-9,57438568	-0,055	0,299
CHR7	2901061	CHR7:2901061	SSF x LoA	-11,6324787	-0,035	0,293
CHR7	2901157	CHR7:2901157	SSF x LoA	-10,876961	-0,096	0,313
CHR7	2906224	CHR7:2906224	SSF x LoA	-7,9612129	0,072	0,306
CHR7	2911448	CHR7:2911448	SSF x LoA	-9,22512335	0,082	0,306
CHR7	2911473	CHR7:2911473	SSF x LoA	-9,19436352	0,101	0,300
CHR7	2911476	CHR7:2911476	SSF x LoA	-10,0157602	0,070	0,291
CHR7	2911533	CHR7:2911533	SSF x LoA	-7,53641281	0,084	0,302
CHR7	2911539	CHR7:2911539	SSF x LoA	-8,27603441	0,077	0,308
CHR7	2911563	CHR7:2911563	SSF x LoA	-8,76825585	-0,026	0,305
CHR7	2916167	CHR7:2916167	SSF x LoA	-11,0003328	-0,077	0,304
CHR7	2916190	CHR7:2916190	SSF x LoA	-8,4374617	0,049	0,312
CHR7	2916230	CHR7:2916230	SSF x LoA	-6,40832189	0,001	0,296
CHR7	2916239	CHR7:2916239	SSF x LoA	-8,25358885	0,027	0,291
CHR7	2916344	CHR7:2916344	SSF x LoA	-8,54388833	0,024	0,297
CHR7	292107	CHR7:292107	SSF x LoA	-8,38918838	0,025	0,310
CHR7	292126	CHR7:292126	SSF x LoA	-0,36999626	-0,138	0,298
CHR7	292241	CHR7:292241	SSF x LoA	-7,94517465	-0,115	0,301
CHR7	2928892	CHR7:2928892	SSF x LoA	-8,91925257	-0,043	0,304
CHR7	2930859	CHR7:2930859	SSF x LoA	-9,70218965	0,005	0,293
CHR7	2930877	CHR7:2930877	SSF x LoA	-9,40276127	-0,071	0,306
CHR7	2931478	CHR7:2931478	SSF x LoA	-9,65248685	-0,027	0,316
CHR7	2931507	CHR7:2931507	SSF x LoA	-11,2905769	0,053	0,298
CHR7	2939291	CHR7:2939291	SSF x LoA	-9,19759826	-0,025	0,312
CHR7	2945423	CHR7:2945423	SSF x LoA	-9,09968205	-0,037	0,317
CHR7	2946709	CHR7:2946709	SSF x LoA	-9,93723679	0,045	0,307
CHR7	2946802	CHR7:2946802	SSF x LoA	-11,0027316	0,042	0,304
CHR7	2946863	CHR7:2946863	SSF x LoA	-11,5414027	-0,129	0,301
CHR7	2948439	CHR7:2948439	SSF x LoA	-8,06565292	-0,012	0,313
CHR7	2948466	CHR7:2948466	SSF x LoA	-7,36162592	-0,015	0,309
CHR7	2948475	CHR7:2948475	SSF x LoA	-11,266486	-0,069	0,314
CHR7	2949681	CHR7:2949681	SSF x LoA	-8,93132177	-0,055	0,302
CHR7	2950341	CHR7:2950341	SSF x LoA	-8,16861797	-0,094	0,294
CHR7	2961849	CHR7:2961849	SSF x LoA	-8,87608484	-0,113	0,311
CHR7	2963288	CHR7:2963288	SSF x LoA	-8,8804082	0,134	0,302
CHR7	2968393	CHR7:2968393	SSF x LoA	-7,05461408	0,181	0,299
CHR7	2968399	CHR7:2968399	SSF x LoA	-10,3765104	-0,158	0,309
CHR7	2968420	CHR7:2968420	SSF x LoA	-3,91485973	0,178	0,306
CHR7	2971671	CHR7:2971671	SSF x LoA	-9,39181183	-0,049	0,308
CHR7	2971704	CHR7:2971704	SSF x LoA	-7,60123882	-0,012	0,291
CHR7	2971716	CHR7:2971716	SSF x LoA	-9,07945306	-0,044	0,307
CHR7	2971820	CHR7:2971820	SSF x LoA	-9,31253967	-0,042	0,308
CHR7	2971840	CHR7:2971840	SSF x LoA	-11,321173	-0,007	0,313
CHR7	2976260	CHR7:2976260	SSF x LoA	-6,42566698	0,037	0,313

CHR7	2984635	CHR7:2984635	SSF x LoA	-5,49786225	0,021	0,315
CHR7	2984781	CHR7:2984781	SSF x LoA	-9,77372383	0,060	0,306
CHR7	2984841	CHR7:2984841	SSF x LoA	-8,8717343	0,016	0,314
CHR7	2988264	CHR7:2988264	SSF x LoA	-11,5246855	-0,049	0,301
CHR7	2989374	CHR7:2989374	SSF x LoA	-9,59789397	0,115	0,303
CHR7	300194	CHR7:300194	SSF x LoA	-11,4822744	0,055	0,300
CHR7	3002416	CHR7:3002416	SSF x LoA	-9,8089677	-0,094	0,305
CHR7	3002463	CHR7:3002463	SSF x LoA	-7,67209647	0,131	0,287
CHR7	3002666	CHR7:3002666	SSF x LoA	-8,01381745	-0,105	0,293
CHR7	302040	CHR7:302040	SSF x LoA	-9,17078732	0,029	0,304
CHR7	302174	CHR7:302174	SSF x LoA	-6,95234679	-0,060	0,304
CHR7	3032131	CHR7:3032131	SSF x LoA	-10,2035017	-0,017	0,309
CHR7	3032223	CHR7:3032223	SSF x LoA	-8,45758015	0,014	0,322
CHR7	3051525	CHR7:3051525	SSF x LoA	-6,33626998	-0,036	0,297
CHR7	3051527	CHR7:3051527	SSF x LoA	-9,26904667	0,063	0,303
CHR7	3051643	CHR7:3051643	SSF x LoA	-10,308247	0,073	0,303
CHR7	3051776	CHR7:3051776	SSF x LoA	-9,32734203	0,063	0,314
CHR7	3051789	CHR7:3051789	SSF x LoA	-8,99394444	-0,001	0,309
CHR7	3051836	CHR7:3051836	SSF x LoA	-10,4979643	-0,130	0,296
CHR7	3053884	CHR7:3053884	SSF x LoA	-8,81354315	-0,046	0,304
CHR7	3054084	CHR7:3054084	SSF x LoA	-10,8409443	0,056	0,300
CHR7	3062437	CHR7:3062437	SSF x LoA	-11,5884678	-0,010	0,313
CHR7	3062489	CHR7:3062489	SSF x LoA	-10,6481988	-0,072	0,299
CHR7	3062625	CHR7:3062625	SSF x LoA	-9,83328382	-0,001	0,326
CHR7	3062645	CHR7:3062645	SSF x LoA	-8,71117902	-0,017	0,302
CHR7	3063010	CHR7:3063010	SSF x LoA	-9,13491273	-0,065	0,321
CHR7	3063028	CHR7:3063028	SSF x LoA	-8,45123158	0,134	0,306
CHR7	3063092	CHR7:3063092	SSF x LoA	-9,5367419	-0,016	0,320
CHR7	3063093	CHR7:3063093	SSF x LoA	-11,6923829	0,009	0,306
CHR7	3068793	CHR7:3068793	SSF x LoA	-7,76518439	-0,117	0,300
CHR7	3071457	CHR7:3071457	SSF x LoA	-11,9129354	-0,022	0,301
CHR7	3071521	CHR7:3071521	SSF x LoA	-10,3961434	-0,007	0,295
CHR7	3071599	CHR7:3071599	SSF x LoA	-8,19051267	0,083	0,292
CHR7	3071636	CHR7:3071636	SSF x LoA	-10,1152468	-0,070	0,304
CHR7	3074070	CHR7:3074070	SSF x LoA	-7,3394055	-0,037	0,313
CHR7	3074106	CHR7:3074106	SSF x LoA	-10,2311373	0,041	0,309
CHR7	3074214	CHR7:3074214	SSF x LoA	-9,33322111	-0,101	0,311
CHR7	3074223	CHR7:3074223	SSF x LoA	-6,94923261	-0,174	0,305
CHR7	3074224	CHR7:3074224	SSF x LoA	-9,85201633	-0,093	0,314
CHR7	3074225	CHR7:3074225	SSF x LoA	-9,39175955	0,063	0,307
CHR7	3074231	CHR7:3074231	SSF x LoA	-8,49446986	-0,140	0,308
CHR7	3074245	CHR7:3074245	SSF x LoA	-8,13994118	0,095	0,297
CHR7	3074252	CHR7:3074252	SSF x LoA	-10,2254925	0,032	0,300
CHR7	3074289	CHR7:3074289	SSF x LoA	-6,67246048	-0,087	0,285
CHR7	3080928	CHR7:3080928	SSF x LoA	-8,230197	-0,153	0,300
CHR7	3080964	CHR7:3080964	SSF x LoA	-7,52566561	0,022	0,304
CHR7	3081030	CHR7:3081030	SSF x LoA	-10,7802629	-0,018	0,312
CHR7	3083283	CHR7:3083283	SSF x LoA	-7,65035245	-0,032	0,304
CHR7	3083338	CHR7:3083338	SSF x LoA	-11,0988044	-0,002	0,312
CHR7	3093893	CHR7:3093893	SSF x LoA	-8,82216692	-0,030	0,301
CHR7	3093976	CHR7:3093976	SSF x LoA	-11,4548947	-0,031	0,298
CHR7	3095743	CHR7:3095743	SSF x LoA	-10,6965474	0,023	0,294
CHR7	3095880	CHR7:3095880	SSF x LoA	-6,88061654	0,131	0,287

CHR7	3095933	CHR7:3095933	SSF x LoA	-9,70305632	-0,080	0,317
CHR7	3095957	CHR7:3095957	SSF x LoA	-9,87659149	0,034	0,303
CHR7	309637	CHR7:309637	SSF x LoA	-10,4324401	-0,130	0,309
CHR7	309655	CHR7:309655	SSF x LoA	-8,41914863	-0,074	0,293
CHR7	3103081	CHR7:3103081	SSF x LoA	-10,1639216	-0,010	0,308
CHR7	3103120	CHR7:3103120	SSF x LoA	-2,26036783	0,173	0,304
CHR7	3105577	CHR7:3105577	SSF x LoA	-7,44989319	0,026	0,317
CHR7	3105637	CHR7:3105637	SSF x LoA	-8,6545991	0,027	0,323
CHR7	3105657	CHR7:3105657	SSF x LoA	-10,387407	0,005	0,299
CHR7	3105682	CHR7:3105682	SSF x LoA	-9,44245092	-0,019	0,303
CHR7	3105705	CHR7:3105705	SSF x LoA	-11,2952043	0,023	0,306
CHR7	3149896	CHR7:3149896	SSF x LoA	-10,6916622	-0,029	0,313
CHR7	3149913	CHR7:3149913	SSF x LoA	-9,23453011	-0,035	0,318
CHR7	3149919	CHR7:3149919	SSF x LoA	-7,90879807	0,072	0,303
CHR7	3149946	CHR7:3149946	SSF x LoA	-5,70718375	0,152	0,303
CHR7	3149968	CHR7:3149968	SSF x LoA	-8,9179056	0,040	0,310
CHR7	3149972	CHR7:3149972	SSF x LoA	-8,00013853	0,048	0,312
CHR7	3149974	CHR7:3149974	SSF x LoA	-6,62636883	0,037	0,311
CHR7	3150089	CHR7:3150089	SSF x LoA	-2,61687541	0,111	0,307
CHR7	3150097	CHR7:3150097	SSF x LoA	-4,83248536	0,149	0,300
CHR7	3150183	CHR7:3150183	SSF x LoA	-9,28887899	0,031	0,316
CHR7	3150187	CHR7:3150187	SSF x LoA	-9,89877525	0,052	0,303
CHR7	3150190	CHR7:3150190	SSF x LoA	-8,2834128	0,019	0,310
CHR7	3150204	CHR7:3150204	SSF x LoA	-10,497566	0,010	0,310
CHR7	3160695	CHR7:3160695	SSF x LoA	-10,4791571	0,006	0,294
CHR7	3160730	CHR7:3160730	SSF x LoA	-8,75852056	-0,170	0,313
CHR7	3160907	CHR7:3160907	SSF x LoA	-10,2174378	0,005	0,303
CHR7	3169919	CHR7:3169919	SSF x LoA	-9,72716878	-0,044	0,301
CHR7	3170011	CHR7:3170011	SSF x LoA	-4,99753144	-0,247	0,280
CHR7	3170026	CHR7:3170026	SSF x LoA	-2,71811017	-0,204	0,279
CHR7	3175213	CHR7:3175213	SSF x LoA	-10,5716809	-0,018	0,312
CHR7	3175264	CHR7:3175264	SSF x LoA	-8,25649208	0,088	0,312
CHR7	3175298	CHR7:3175298	SSF x LoA	-10,9715102	-0,061	0,311
CHR7	3179310	CHR7:3179310	SSF x LoA	-10,0859901	-0,001	0,309
CHR7	3179995	CHR7:3179995	SSF x LoA	-11,8600595	-0,053	0,301
CHR7	3185164	CHR7:3185164	SSF x LoA	-10,064854	-0,003	0,317
CHR7	3185194	CHR7:3185194	SSF x LoA	-10,3769533	0,035	0,306
CHR7	3185200	CHR7:3185200	SSF x LoA	-6,40209274	0,180	0,304
CHR7	3185245	CHR7:3185245	SSF x LoA	-11,7432489	-0,050	0,303
CHR7	3185276	CHR7:3185276	SSF x LoA	-9,36960213	-0,122	0,295
CHR7	3187383	CHR7:3187383	SSF x LoA	-8,55941153	0,044	0,306
CHR7	3187473	CHR7:3187473	SSF x LoA	-10,4953191	-0,075	0,303
CHR7	3187491	CHR7:3187491	SSF x LoA	-6,00895158	0,095	0,310
CHR7	3187503	CHR7:3187503	SSF x LoA	-9,93853248	0,105	0,304
CHR7	3188080	CHR7:3188080	SSF x LoA	-9,5774133	0,125	0,298
CHR7	3188081	CHR7:3188081	SSF x LoA	-11,2859516	-0,090	0,296
CHR7	3188092	CHR7:3188092	SSF x LoA	-9,76854883	-0,006	0,308
CHR7	3189464	CHR7:3189464	SSF x LoA	-4,96174907	0,050	0,318
CHR7	3193311	CHR7:3193311	SSF x LoA	-8,07371084	-0,077	0,305
CHR7	319482	CHR7:319482	SSF x LoA	-11,2571992	0,039	0,313
CHR7	319520	CHR7:319520	SSF x LoA	-6,95531482	-0,028	0,304
CHR7	319678	CHR7:319678	SSF x LoA	-5,249328	-0,094	0,299
CHR7	3206032	CHR7:3206032	SSF x LoA	-8,32843915	-0,053	0,305

CHR7	3206063	CHR7:3206063	SSF x LoA	-10,6235417	0,035	0,294
CHR7	3206103	CHR7:3206103	SSF x LoA	-8,62556583	0,049	0,307
CHR7	3211747	CHR7:3211747	SSF x LoA	-8,00270152	0,105	0,286
CHR7	3211811	CHR7:3211811	SSF x LoA	-3,37966352	-0,007	0,302
CHR7	3212994	CHR7:3212994	SSF x LoA	-11,5474685	0,004	0,307
CHR7	3213004	CHR7:3213004	SSF x LoA	-10,5958303	-0,115	0,285
CHR7	3213251	CHR7:3213251	SSF x LoA	-10,0596777	0,079	0,314
CHR7	321457	CHR7:321457	SSF x LoA	-8,11461146	-0,077	0,315
CHR7	321505	CHR7:321505	SSF x LoA	-7,88087111	-0,103	0,298
CHR7	3225925	CHR7:3225925	SSF x LoA	-6,16142935	0,178	0,291
CHR7	3225998	CHR7:3225998	SSF x LoA	-8,15187464	0,027	0,308
CHR7	3226036	CHR7:3226036	SSF x LoA	-8,86214849	-0,062	0,304
CHR7	3226037	CHR7:3226037	SSF x LoA	-10,515806	0,013	0,329
CHR7	3231054	CHR7:3231054	SSF x LoA	-7,54403267	0,167	0,304
CHR7	3231055	CHR7:3231055	SSF x LoA	-11,1005031	0,044	0,310
CHR7	3231182	CHR7:3231182	SSF x LoA	-7,63711986	0,116	0,303
CHR7	3231774	CHR7:3231774	SSF x LoA	-2,30956551	0,094	0,297
CHR7	3231791	CHR7:3231791	SSF x LoA	-9,93894185	0,028	0,305
CHR7	3234830	CHR7:3234830	SSF x LoA	-10,8164295	0,102	0,302
CHR7	3234865	CHR7:3234865	SSF x LoA	-10,1221062	0,141	0,302
CHR7	3234899	CHR7:3234899	SSF x LoA	-10,7367391	0,064	0,313
CHR7	3234904	CHR7:3234904	SSF x LoA	-11,678416	0,036	0,309
CHR7	3234906	CHR7:3234906	SSF x LoA	-11,7271975	0,022	0,314
CHR7	3235007	CHR7:3235007	SSF x LoA	-9,08568631	-0,153	0,307
CHR7	3235049	CHR7:3235049	SSF x LoA	-6,89283616	-0,110	0,299
CHR7	3235074	CHR7:3235074	SSF x LoA	-10,197296	0,000	0,307
CHR7	3235076	CHR7:3235076	SSF x LoA	-10,4425246	-0,034	0,315
CHR7	3235083	CHR7:3235083	SSF x LoA	-9,0861536	-0,034	0,308
CHR7	3238951	CHR7:3238951	SSF x LoA	-10,5374392	-0,063	0,317
CHR7	3238953	CHR7:3238953	SSF x LoA	-8,6482698	0,101	0,308
CHR7	3238964	CHR7:3238964	SSF x LoA	-10,7365495	0,018	0,305
CHR7	3239093	CHR7:3239093	SSF x LoA	-8,57923979	-0,034	0,305
CHR7	3239094	CHR7:3239094	SSF x LoA	-8,5407933	-0,046	0,315
CHR7	3239129	CHR7:3239129	SSF x LoA	-3,4248801	-0,093	0,311
CHR7	324267	CHR7:324267	SSF x LoA	-11,710821	-0,046	0,308
CHR7	3247070	CHR7:3247070	SSF x LoA	-6,57656763	0,071	0,290
CHR7	3249216	CHR7:3249216	SSF x LoA	-8,62832139	0,013	0,306
CHR7	3249225	CHR7:3249225	SSF x LoA	-9,32381836	-0,003	0,307
CHR7	324925	CHR7:324925	SSF x LoA	-11,3112401	-0,022	0,314
CHR7	325012	CHR7:325012	SSF x LoA	-9,79845572	-0,064	0,311
CHR7	325015	CHR7:325015	SSF x LoA	-7,84681189	-0,008	0,291
CHR7	3255693	CHR7:3255693	SSF x LoA	-6,584632	-0,157	0,305
CHR7	3255736	CHR7:3255736	SSF x LoA	-10,1026887	-0,034	0,300
CHR7	3258668	CHR7:3258668	SSF x LoA	-8,6517146	0,089	0,306
CHR7	3261743	CHR7:3261743	SSF x LoA	-11,9159123	-0,081	0,311
CHR7	327606	CHR7:327606	SSF x LoA	-6,53769055	0,131	0,295
CHR7	329221	CHR7:329221	SSF x LoA	-10,6064959	0,133	0,307
CHR7	329239	CHR7:329239	SSF x LoA	-8,19301361	-0,038	0,316
CHR7	329419	CHR7:329419	SSF x LoA	-8,87389096	-0,031	0,301
CHR7	3298286	CHR7:3298286	SSF x LoA	-10,1815076	-0,036	0,312
CHR7	3314544	CHR7:3314544	SSF x LoA	-7,68419462	0,057	0,295
CHR7	3314597	CHR7:3314597	SSF x LoA	-8,48374853	0,038	0,308
CHR7	3314598	CHR7:3314598	SSF x LoA	-8,48075712	0,016	0,304

CHR7	3331159	CHR7:3331159	SSF x LoA	-12,0117155	-0,032	0,299
CHR7	3331227	CHR7:3331227	SSF x LoA	-8,93241099	0,081	0,295
CHR7	3331339	CHR7:3331339	SSF x LoA	-8,64771349	0,066	0,309
CHR7	3331390	CHR7:3331390	SSF x LoA	-9,76234691	-0,102	0,314
CHR7	3331391	CHR7:3331391	SSF x LoA	-9,12157579	-0,044	0,298
CHR7	3338039	CHR7:3338039	SSF x LoA	-2,29522338	0,090	0,300
CHR7	3338119	CHR7:3338119	SSF x LoA	-7,23004226	-0,010	0,314
CHR7	3338294	CHR7:3338294	SSF x LoA	-9,52863499	-0,043	0,292
CHR7	3338304	CHR7:3338304	SSF x LoA	-8,91182463	0,009	0,291
CHR7	3341468	CHR7:3341468	SSF x LoA	-7,51286205	0,071	0,317
CHR7	3341574	CHR7:3341574	SSF x LoA	-9,84072642	-0,076	0,299
CHR7	3341878	CHR7:3341878	SSF x LoA	-7,36546937	0,097	0,315
CHR7	3341889	CHR7:3341889	SSF x LoA	-8,68476843	0,074	0,314
CHR7	3341893	CHR7:3341893	SSF x LoA	-9,01114488	0,097	0,319
CHR7	3341915	CHR7:3341915	SSF x LoA	-10,8217606	0,050	0,300
CHR7	3341928	CHR7:3341928	SSF x LoA	-7,38798824	-0,147	0,302
CHR7	3341934	CHR7:3341934	SSF x LoA	-6,57465438	-0,214	0,306
CHR7	3348650	CHR7:3348650	SSF x LoA	-10,7727248	-0,040	0,314
CHR7	3348656	CHR7:3348656	SSF x LoA	-8,4839293	-0,105	0,304
CHR7	3348667	CHR7:3348667	SSF x LoA	-7,93071408	0,059	0,301
CHR7	3348672	CHR7:3348672	SSF x LoA	-6,02841831	0,054	0,313
CHR7	3351225	CHR7:3351225	SSF x LoA	-11,9043354	0,011	0,308
CHR7	3351258	CHR7:3351258	SSF x LoA	-10,7079431	0,002	0,312
CHR7	3351404	CHR7:3351404	SSF x LoA	-11,7725765	-0,029	0,312
CHR7	3351427	CHR7:3351427	SSF x LoA	-9,67511396	-0,015	0,314
CHR7	3351437	CHR7:3351437	SSF x LoA	-8,95519414	0,016	0,309
CHR7	3353813	CHR7:3353813	SSF x LoA	-9,28140967	-0,058	0,296
CHR7	3353819	CHR7:3353819	SSF x LoA	-8,90033873	0,012	0,295
CHR7	3353826	CHR7:3353826	SSF x LoA	-9,96977716	-0,039	0,301
CHR7	3353864	CHR7:3353864	SSF x LoA	-10,6588678	0,058	0,300
CHR7	3369627	CHR7:3369627	SSF x LoA	-10,4689004	0,003	0,323
CHR7	3369631	CHR7:3369631	SSF x LoA	-8,71633249	-0,083	0,313
CHR7	3369632	CHR7:3369632	SSF x LoA	-0,25974522	-0,124	0,301
CHR7	3369645	CHR7:3369645	SSF x LoA	-7,73762149	0,109	0,298
CHR7	3369768	CHR7:3369768	SSF x LoA	-10,4047218	0,041	0,312
CHR7	3369782	CHR7:3369782	SSF x LoA	-9,22294743	0,060	0,294
CHR7	3369786	CHR7:3369786	SSF x LoA	-10,3053584	0,053	0,297
CHR7	337078	CHR7:337078	SSF x LoA	-9,84979709	0,109	0,308
CHR7	337159	CHR7:337159	SSF x LoA	-8,3876714	-0,128	0,288
CHR7	3375743	CHR7:3375743	SSF x LoA	-11,2118198	-0,001	0,303
CHR7	3375881	CHR7:3375881	SSF x LoA	-10,5010899	-0,085	0,298
CHR7	3381017	CHR7:3381017	SSF x LoA	-9,33921526	0,008	0,293
CHR7	3381020	CHR7:3381020	SSF x LoA	-5,62079399	0,054	0,302
CHR7	3381051	CHR7:3381051	SSF x LoA	-10,045411	-0,081	0,318
CHR7	3381168	CHR7:3381168	SSF x LoA	-12,1177633	-0,006	0,297
CHR7	3383775	CHR7:3383775	SSF x LoA	-8,08841473	0,073	0,311
CHR7	3383779	CHR7:3383779	SSF x LoA	-9,25062538	0,095	0,297
CHR7	3383838	CHR7:3383838	SSF x LoA	-8,7420073	-0,077	0,309
CHR7	3383880	CHR7:3383880	SSF x LoA	-8,9558292	-0,106	0,290
CHR7	3383886	CHR7:3383886	SSF x LoA	-6,08834306	0,022	0,309
CHR7	3387822	CHR7:3387822	SSF x LoA	-10,4725797	-0,039	0,306
CHR7	3387881	CHR7:3387881	SSF x LoA	-9,69685234	-0,049	0,294
CHR7	3402337	CHR7:3402337	SSF x LoA	-12,2781715	0,009	0,307

CHR7	3402427	CHR7:3402427	SSF x LoA	-9,8821903	-0,104	0,302
CHR7	3402656	CHR7:3402656	SSF x LoA	-10,0155396	0,000	0,302
CHR7	3402685	CHR7:3402685	SSF x LoA	-6,22670809	0,039	0,316
CHR7	3405801	CHR7:3405801	SSF x LoA	-3,75482635	0,004	0,315
CHR7	3405818	CHR7:3405818	SSF x LoA	-10,3971698	0,014	0,305
CHR7	3405863	CHR7:3405863	SSF x LoA	-9,59947046	0,038	0,308
CHR7	341800	CHR7:341800	SSF x LoA	-9,83571142	0,070	0,309
CHR7	341825	CHR7:341825	SSF x LoA	-1,50255403	0,146	0,297
CHR7	341854	CHR7:341854	SSF x LoA	-2,8792759	0,065	0,305
CHR7	3419411	CHR7:3419411	SSF x LoA	-8,12204578	-0,130	0,303
CHR7	3419440	CHR7:3419440	SSF x LoA	-7,48003171	0,028	0,314
CHR7	3419444	CHR7:3419444	SSF x LoA	-7,00631096	0,049	0,311
CHR7	3419467	CHR7:3419467	SSF x LoA	-8,15847058	0,078	0,303
CHR7	3419517	CHR7:3419517	SSF x LoA	-8,75815634	0,005	0,315
CHR7	3419591	CHR7:3419591	SSF x LoA	-11,1433673	0,047	0,321
CHR7	3419596	CHR7:3419596	SSF x LoA	-8,72653007	0,117	0,307
CHR7	3423387	CHR7:3423387	SSF x LoA	-11,1822508	-0,064	0,303
CHR7	3423395	CHR7:3423395	SSF x LoA	-9,47259502	0,046	0,316
CHR7	3424111	CHR7:3424111	SSF x LoA	-10,1879145	0,056	0,303
CHR7	3424140	CHR7:3424140	SSF x LoA	-7,97594876	0,096	0,314
CHR7	3424144	CHR7:3424144	SSF x LoA	-3,7775679	0,118	0,298
CHR7	3424161	CHR7:3424161	SSF x LoA	-10,957514	0,020	0,305
CHR7	3430908	CHR7:3430908	SSF x LoA	-9,37130418	0,049	0,313
CHR7	3430938	CHR7:3430938	SSF x LoA	-7,9261092	0,063	0,316
CHR7	3430995	CHR7:3430995	SSF x LoA	-7,93155163	0,047	0,306
CHR7	3440012	CHR7:3440012	SSF x LoA	-10,4095485	0,055	0,308
CHR7	3444770	CHR7:3444770	SSF x LoA	-9,65872736	0,052	0,291
CHR7	3444788	CHR7:3444788	SSF x LoA	-7,95794226	0,068	0,304
CHR7	3462297	CHR7:3462297	SSF x LoA	-10,4023589	-0,020	0,301
CHR7	3467767	CHR7:3467767	SSF x LoA	-9,57478023	0,087	0,324
CHR7	3476954	CHR7:3476954	SSF x LoA	-3,5955961	0,136	0,298
CHR7	3476990	CHR7:3476990	SSF x LoA	-7,84012614	0,016	0,319
CHR7	3477093	CHR7:3477093	SSF x LoA	-9,12652269	-0,064	0,300
CHR7	348936	CHR7:348936	SSF x LoA	-5,31717782	-0,073	0,298
CHR7	349100	CHR7:349100	SSF x LoA	-10,4435218	-0,096	0,298
CHR7	3493723	CHR7:3493723	SSF x LoA	-9,02544909	0,066	0,307
CHR7	3493749	CHR7:3493749	SSF x LoA	-9,23175746	0,018	0,299
CHR7	3495517	CHR7:3495517	SSF x LoA	-9,91677245	-0,021	0,309
CHR7	3495532	CHR7:3495532	SSF x LoA	-7,25300619	-0,016	0,309
CHR7	3495538	CHR7:3495538	SSF x LoA	-8,98677647	-0,026	0,297
CHR7	3495556	CHR7:3495556	SSF x LoA	-9,10447434	-0,071	0,300
CHR7	3495592	CHR7:3495592	SSF x LoA	-9,04182085	-0,009	0,299
CHR7	3495610	CHR7:3495610	SSF x LoA	-8,39623611	0,000	0,317
CHR7	3498545	CHR7:3498545	SSF x LoA	-8,85098685	-0,101	0,301
CHR7	3499932	CHR7:3499932	SSF x LoA	-8,49724783	-0,138	0,313
CHR7	3499953	CHR7:3499953	SSF x LoA	-10,9151397	-0,007	0,306
CHR7	350045	CHR7:350045	SSF x LoA	-11,6046147	0,111	0,294
CHR7	350121	CHR7:350121	SSF x LoA	-9,54081373	0,063	0,296
CHR7	3502897	CHR7:3502897	SSF x LoA	-9,16649599	-0,046	0,288
CHR7	3502900	CHR7:3502900	SSF x LoA	-7,14422654	-0,123	0,309
CHR7	3510155	CHR7:3510155	SSF x LoA	-11,9501878	-0,032	0,302
CHR7	3518024	CHR7:3518024	SSF x LoA	-11,6664403	-0,077	0,297
CHR7	3522216	CHR7:3522216	SSF x LoA	-9,41688098	-0,110	0,310

CHR7	3522244	CHR7:3522244	SSF x LoA	-10,0757198	0,062	0,292
CHR7	3522294	CHR7:3522294	SSF x LoA	-11,1173837	-0,016	0,314
CHR7	3522298	CHR7:3522298	SSF x LoA	-8,81791384	-0,025	0,309
CHR7	3522308	CHR7:3522308	SSF x LoA	-9,98690147	-0,009	0,291
CHR7	3522417	CHR7:3522417	SSF x LoA	-10,4007973	0,107	0,305
CHR7	3524647	CHR7:3524647	SSF x LoA	-8,86072348	0,017	0,305
CHR7	3525821	CHR7:3525821	SSF x LoA	-9,46947946	-0,007	0,311
CHR7	3525899	CHR7:3525899	SSF x LoA	-10,3323025	0,016	0,310
CHR7	3528271	CHR7:3528271	SSF x LoA	-9,72725873	0,095	0,319
CHR7	3528298	CHR7:3528298	SSF x LoA	-5,95431982	-0,127	0,287
CHR7	3528301	CHR7:3528301	SSF x LoA	-9,51893992	-0,025	0,309
CHR7	3537555	CHR7:3537555	SSF x LoA	-8,77857728	0,027	0,305
CHR7	3537568	CHR7:3537568	SSF x LoA	-11,2047161	0,028	0,309
CHR7	3537590	CHR7:3537590	SSF x LoA	-9,44759888	-0,003	0,321
CHR7	3537634	CHR7:3537634	SSF x LoA	-11,0382074	-0,008	0,315
CHR7	3537673	CHR7:3537673	SSF x LoA	-11,7367052	-0,004	0,298
CHR7	3573501	CHR7:3573501	SSF x LoA	-10,1550537	-0,025	0,322
CHR7	3573510	CHR7:3573510	SSF x LoA	-9,06791795	-0,018	0,312
CHR7	3573529	CHR7:3573529	SSF x LoA	-9,70960529	0,008	0,323
CHR7	3573557	CHR7:3573557	SSF x LoA	-8,16155701	0,032	0,313
CHR7	3577868	CHR7:3577868	SSF x LoA	-8,98282329	0,000	0,318
CHR7	3579199	CHR7:3579199	SSF x LoA	-10,8555293	-0,066	0,309
CHR7	3579344	CHR7:3579344	SSF x LoA	-10,6778731	-0,085	0,310
CHR7	3582063	CHR7:3582063	SSF x LoA	-8,610169	-0,061	0,306
CHR7	3582099	CHR7:3582099	SSF x LoA	-9,05908892	-0,033	0,309
CHR7	3582120	CHR7:3582120	SSF x LoA	-7,05129982	-0,021	0,326
CHR7	3582138	CHR7:3582138	SSF x LoA	-8,98167466	-0,014	0,310
CHR7	3582384	CHR7:3582384	SSF x LoA	-7,57218908	-0,010	0,315
CHR7	3589646	CHR7:3589646	SSF x LoA	-6,26821228	0,156	0,312
CHR7	3593700	CHR7:3593700	SSF x LoA	-8,02073641	0,117	0,302
CHR7	3598128	CHR7:3598128	SSF x LoA	-11,9668644	0,075	0,298
CHR7	3605405	CHR7:3605405	SSF x LoA	-9,48095764	-0,002	0,321
CHR7	3605485	CHR7:3605485	SSF x LoA	-7,66567765	0,064	0,303
CHR7	3605509	CHR7:3605509	SSF x LoA	-11,1118574	0,020	0,309
CHR7	3605516	CHR7:3605516	SSF x LoA	-10,6978378	-0,004	0,319
CHR7	3607218	CHR7:3607218	SSF x LoA	-6,59239005	0,160	0,298
CHR7	3607227	CHR7:3607227	SSF x LoA	-7,45986515	-0,131	0,314
CHR7	3607264	CHR7:3607264	SSF x LoA	-10,0810663	0,008	0,311
CHR7	3607313	CHR7:3607313	SSF x LoA	-9,60910139	0,029	0,317
CHR7	3608367	CHR7:3608367	SSF x LoA	-10,149773	0,030	0,306
CHR7	3608398	CHR7:3608398	SSF x LoA	8,20502782	-0,082	0,323
CHR7	3608560	CHR7:3608560	SSF x LoA	-8,24203295	0,139	0,308
CHR7	3614599	CHR7:3614599	SSF x LoA	-7,18184531	0,143	0,306
CHR7	3617403	CHR7:3617403	SSF x LoA	-11,1387165	0,056	0,311
CHR7	3617405	CHR7:3617405	SSF x LoA	-10,3646395	0,109	0,288
CHR7	3627698	CHR7:3627698	SSF x LoA	-7,5834227	0,007	0,314
CHR7	3641273	CHR7:3641273	SSF x LoA	-9,10332703	-0,089	0,298
CHR7	3653006	CHR7:3653006	SSF x LoA	-10,2001025	0,014	0,306
CHR7	3659225	CHR7:3659225	SSF x LoA	-9,53395932	-0,088	0,309
CHR7	3659243	CHR7:3659243	SSF x LoA	-7,89034894	-0,026	0,308
CHR7	3665494	CHR7:3665494	SSF x LoA	-8,45792538	0,016	0,308
CHR7	3667996	CHR7:3667996	SSF x LoA	-8,47872323	-0,122	0,294
CHR7	3668041	CHR7:3668041	SSF x LoA	-6,47367189	0,090	0,300

CHR7	3668089	CHR7:3668089	SSF x LoA	-7,18600087	-0,094	0,302
CHR7	3675669	CHR7:3675669	SSF x LoA	-11,0828119	0,085	0,300
CHR7	3675698	CHR7:3675698	SSF x LoA	-10,1482959	0,046	0,318
CHR7	3675730	CHR7:3675730	SSF x LoA	-9,22559008	0,037	0,301
CHR7	3675750	CHR7:3675750	SSF x LoA	-8,71533409	0,044	0,307
CHR7	3675966	CHR7:3675966	SSF x LoA	-6,90914811	0,108	0,312
CHR7	3675985	CHR7:3675985	SSF x LoA	-8,74056316	0,048	0,308
CHR7	3675993	CHR7:3675993	SSF x LoA	5,90621738	-0,118	0,302
CHR7	3676014	CHR7:3676014	SSF x LoA	-9,18256397	0,045	0,315
CHR7	3681146	CHR7:3681146	SSF x LoA	-9,72552287	-0,117	0,293
CHR7	3681277	CHR7:3681277	SSF x LoA	-10,002232	-0,013	0,316
CHR7	3682451	CHR7:3682451	SSF x LoA	-11,3807482	0,049	0,299
CHR7	3682501	CHR7:3682501	SSF x LoA	-7,17914371	0,026	0,313
CHR7	3684576	CHR7:3684576	SSF x LoA	-9,27925531	-0,040	0,301
CHR7	3687265	CHR7:3687265	SSF x LoA	-11,1222235	-0,001	0,297
CHR7	3687312	CHR7:3687312	SSF x LoA	-10,1246112	0,023	0,298
CHR7	3687502	CHR7:3687502	SSF x LoA	-8,32001135	0,001	0,310
CHR7	3690730	CHR7:3690730	SSF x LoA	-11,4140711	0,030	0,304
CHR7	3707084	CHR7:3707084	SSF x LoA	-9,16947821	-0,005	0,320
CHR7	3707093	CHR7:3707093	SSF x LoA	-9,07211189	-0,003	0,321
CHR7	3707101	CHR7:3707101	SSF x LoA	-9,74630329	-0,003	0,316
CHR7	3708373	CHR7:3708373	SSF x LoA	-11,0347053	-0,035	0,307
CHR7	3715537	CHR7:3715537	SSF x LoA	-7,58156883	-0,091	0,285
CHR7	3718228	CHR7:3718228	SSF x LoA	-9,74904746	0,053	0,313
CHR7	3718234	CHR7:3718234	SSF x LoA	-9,06237337	0,034	0,302
CHR7	3718237	CHR7:3718237	SSF x LoA	-9,3611169	-0,056	0,304
CHR7	3718252	CHR7:3718252	SSF x LoA	-11,9650405	-0,043	0,294
CHR7	3719158	CHR7:3719158	SSF x LoA	-9,22893395	-0,033	0,294
CHR7	3721044	CHR7:3721044	SSF x LoA	-10,2790905	-0,052	0,312
CHR7	3721337	CHR7:3721337	SSF x LoA	-7,07004244	-0,035	0,305
CHR7	3721359	CHR7:3721359	SSF x LoA	-3,77183424	-0,003	0,303
CHR7	3726727	CHR7:3726727	SSF x LoA	-10,9888564	-0,092	0,290
CHR7	3740301	CHR7:3740301	SSF x LoA	-10,314847	-0,073	0,299
CHR7	3740318	CHR7:3740318	SSF x LoA	-7,19868449	0,066	0,309
CHR7	3740323	CHR7:3740323	SSF x LoA	-7,9701925	0,049	0,314
CHR7	3740363	CHR7:3740363	SSF x LoA	-8,0591543	0,061	0,320
CHR7	3740485	CHR7:3740485	SSF x LoA	-10,7786629	0,044	0,307
CHR7	3740496	CHR7:3740496	SSF x LoA	-10,0429495	0,093	0,314
CHR7	3742284	CHR7:3742284	SSF x LoA	-7,8954657	-0,068	0,308
CHR7	3742362	CHR7:3742362	SSF x LoA	-9,93586943	0,007	0,302
CHR7	3742377	CHR7:3742377	SSF x LoA	-10,2841898	0,048	0,310
CHR7	3743758	CHR7:3743758	SSF x LoA	-10,100495	0,063	0,303
CHR7	3743808	CHR7:3743808	SSF x LoA	-10,6626277	0,032	0,316
CHR7	3759423	CHR7:3759423	SSF x LoA	-7,70153371	0,042	0,329
CHR7	3761048	CHR7:3761048	SSF x LoA	-4,75206401	0,154	0,309
CHR7	3768049	CHR7:3768049	SSF x LoA	-11,2144954	-0,056	0,304
CHR7	3781354	CHR7:3781354	SSF x LoA	-9,8405468	-0,062	0,300
CHR7	3781370	CHR7:3781370	SSF x LoA	-8,93811739	-0,034	0,315
CHR7	3781618	CHR7:3781618	SSF x LoA	-9,95695917	0,002	0,310
CHR7	3781691	CHR7:3781691	SSF x LoA	-9,98738266	0,022	0,307
CHR7	378685	CHR7:378685	SSF x LoA	-10,790897	0,055	0,301
CHR7	3786962	CHR7:3786962	SSF x LoA	-8,11227568	-0,181	0,301
CHR7	3786995	CHR7:3786995	SSF x LoA	-8,59824412	-0,188	0,305

CHR7	3787005	CHR7:3787005	SSF x LoA	-11,4661344	0,072	0,307
CHR7	3787108	CHR7:3787108	SSF x LoA	-4,4145597	-0,052	0,312
CHR7	3787109	CHR7:3787109	SSF x LoA	-8,67237322	-0,013	0,321
CHR7	3787123	CHR7:3787123	SSF x LoA	-11,4210801	-0,051	0,318
CHR7	3787137	CHR7:3787137	SSF x LoA	-10,6083925	-0,018	0,307
CHR7	3787163	CHR7:3787163	SSF x LoA	0,51135839	0,182	0,301
CHR7	3787186	CHR7:3787186	SSF x LoA	-11,6228313	-0,043	0,307
CHR7	378726	CHR7:378726	SSF x LoA	-10,4741605	0,029	0,293
CHR7	378809	CHR7:378809	SSF x LoA	-7,6823212	-0,066	0,299
CHR7	3799727	CHR7:3799727	SSF x LoA	-7,83283982	-0,085	0,301
CHR7	3799878	CHR7:3799878	SSF x LoA	-11,5979751	0,004	0,306
CHR7	3799929	CHR7:3799929	SSF x LoA	-8,72432018	-0,052	0,295
CHR7	3801595	CHR7:3801595	SSF x LoA	-8,09475003	0,100	0,313
CHR7	3801623	CHR7:3801623	SSF x LoA	-8,75458606	0,038	0,309
CHR7	3801624	CHR7:3801624	SSF x LoA	-9,66720511	-0,082	0,306
CHR7	3801670	CHR7:3801670	SSF x LoA	-7,5134241	0,108	0,298
CHR7	3801677	CHR7:3801677	SSF x LoA	-10,9615481	0,081	0,300
CHR7	3801741	CHR7:3801741	SSF x LoA	-10,1627747	-0,039	0,316
CHR7	3801790	CHR7:3801790	SSF x LoA	-11,9115997	-0,009	0,307
CHR7	3801813	CHR7:3801813	SSF x LoA	-8,45553232	-0,111	0,295
CHR7	3801846	CHR7:3801846	SSF x LoA	-8,45885172	-0,044	0,312
CHR7	3801857	CHR7:3801857	SSF x LoA	-10,4325294	-0,016	0,301
CHR7	3823284	CHR7:3823284	SSF x LoA	-11,9235147	-0,003	0,309
CHR7	3823295	CHR7:3823295	SSF x LoA	-11,4355691	0,001	0,319
CHR7	383536	CHR7:383536	SSF x LoA	-11,0946809	0,045	0,313
CHR7	3835439	CHR7:3835439	SSF x LoA	-6,25842934	0,140	0,306
CHR7	3835447	CHR7:3835447	SSF x LoA	-9,06450054	0,049	0,300
CHR7	3835486	CHR7:3835486	SSF x LoA	-8,24556677	-0,044	0,289
CHR7	3835487	CHR7:3835487	SSF x LoA	-8,69172233	-0,043	0,314
CHR7	3835552	CHR7:3835552	SSF x LoA	-10,1191271	0,076	0,312
CHR7	3835566	CHR7:3835566	SSF x LoA	-9,62379574	-0,051	0,309
CHR7	3835580	CHR7:3835580	SSF x LoA	-10,0104441	0,008	0,306
CHR7	3835593	CHR7:3835593	SSF x LoA	-11,1959284	0,007	0,320
CHR7	3835601	CHR7:3835601	SSF x LoA	-10,829094	-0,051	0,309
CHR7	3835602	CHR7:3835602	SSF x LoA	-10,7003755	-0,074	0,318
CHR7	3846687	CHR7:3846687	SSF x LoA	2,23543692	-0,152	0,307
CHR7	3846689	CHR7:3846689	SSF x LoA	-10,8773686	0,042	0,305
CHR7	3846732	CHR7:3846732	SSF x LoA	-9,97475684	-0,027	0,312
CHR7	3846746	CHR7:3846746	SSF x LoA	-8,72837916	-0,078	0,314
CHR7	3846776	CHR7:3846776	SSF x LoA	-8,70336433	0,021	0,300
CHR7	3846794	CHR7:3846794	SSF x LoA	-8,95911304	0,031	0,318
CHR7	3846809	CHR7:3846809	SSF x LoA	-9,18724775	0,006	0,308
CHR7	3846868	CHR7:3846868	SSF x LoA	-5,0945967	-0,027	0,310
CHR7	3846928	CHR7:3846928	SSF x LoA	-10,4134491	-0,018	0,306
CHR7	3851272	CHR7:3851272	SSF x LoA	-10,4140197	-0,048	0,309
CHR7	3851287	CHR7:3851287	SSF x LoA	-11,5897522	-0,011	0,293
CHR7	3851293	CHR7:3851293	SSF x LoA	-10,0108788	-0,058	0,305
CHR7	3851306	CHR7:3851306	SSF x LoA	-9,04705897	-0,027	0,289
CHR7	3851332	CHR7:3851332	SSF x LoA	-8,54021022	0,078	0,308
CHR7	3851337	CHR7:3851337	SSF x LoA	-9,64220009	-0,083	0,304
CHR7	3851363	CHR7:3851363	SSF x LoA	-8,56355089	-0,037	0,303
CHR7	3851428	CHR7:3851428	SSF x LoA	-10,2679619	0,043	0,293
CHR7	3851433	CHR7:3851433	SSF x LoA	-11,1271501	0,089	0,298

CHR7	3851439	CHR7:3851439	SSF x LoA	-10,8144519	0,044	0,318
CHR7	3851458	CHR7:3851458	SSF x LoA	-9,67879085	0,068	0,312
CHR7	3851494	CHR7:3851494	SSF x LoA	-10,9447891	-0,032	0,315
CHR7	3854978	CHR7:3854978	SSF x LoA	-10,0073221	-0,096	0,293
CHR7	3854987	CHR7:3854987	SSF x LoA	-8,0663112	0,015	0,315
CHR7	3854995	CHR7:3854995	SSF x LoA	-9,15156715	-0,046	0,311
CHR7	3854997	CHR7:3854997	SSF x LoA	-10,6746747	-0,088	0,302
CHR7	3854998	CHR7:3854998	SSF x LoA	-9,41277674	0,027	0,306
CHR7	3855035	CHR7:3855035	SSF x LoA	-9,35582711	-0,081	0,300
CHR7	3855097	CHR7:3855097	SSF x LoA	-8,46619805	-0,098	0,305
CHR7	3862546	CHR7:3862546	SSF x LoA	-10,1675577	-0,112	0,303
CHR7	3862574	CHR7:3862574	SSF x LoA	-7,77712578	-0,186	0,284
CHR7	3862684	CHR7:3862684	SSF x LoA	-9,08394374	0,054	0,303
CHR7	3862691	CHR7:3862691	SSF x LoA	-10,445567	0,079	0,306
CHR7	3862717	CHR7:3862717	SSF x LoA	-10,0855234	0,008	0,300
CHR7	3862740	CHR7:3862740	SSF x LoA	-7,38626773	-0,174	0,291
CHR7	3873993	CHR7:3873993	SSF x LoA	-10,1825517	0,066	0,306
CHR7	3875273	CHR7:3875273	SSF x LoA	-7,6528219	0,132	0,303
CHR7	3875355	CHR7:3875355	SSF x LoA	-8,49923628	-0,062	0,304
CHR7	387675	CHR7:387675	SSF x LoA	-11,6637141	0,089	0,300
CHR7	387775	CHR7:387775	SSF x LoA	-10,076905	-0,003	0,315
CHR7	387888	CHR7:387888	SSF x LoA	-9,47500557	0,022	0,293
CHR7	3879877	CHR7:3879877	SSF x LoA	-8,0168065	-0,133	0,303
CHR7	3879981	CHR7:3879981	SSF x LoA	-11,1132194	0,040	0,321
CHR7	3879990	CHR7:3879990	SSF x LoA	-8,31386896	0,055	0,318
CHR7	3879992	CHR7:3879992	SSF x LoA	-9,25827976	0,060	0,307
CHR7	3880028	CHR7:3880028	SSF x LoA	-9,53324169	-0,017	0,297
CHR7	3899918	CHR7:3899918	SSF x LoA	-8,78875178	0,060	0,311
CHR7	3901084	CHR7:3901084	SSF x LoA	-10,7393194	0,067	0,313
CHR7	3901112	CHR7:3901112	SSF x LoA	-8,57109562	-0,044	0,302
CHR7	3906952	CHR7:3906952	SSF x LoA	-10,3054783	0,034	0,328
CHR7	3906977	CHR7:3906977	SSF x LoA	-9,13179957	-0,041	0,314
CHR7	3912606	CHR7:3912606	SSF x LoA	-9,01043446	-0,016	0,309
CHR7	3912617	CHR7:3912617	SSF x LoA	-9,94286119	-0,016	0,312
CHR7	3912733	CHR7:3912733	SSF x LoA	-8,29253017	0,086	0,312
CHR7	3912740	CHR7:3912740	SSF x LoA	-5,69407962	0,123	0,299
CHR7	3912744	CHR7:3912744	SSF x LoA	2,4185855	0,102	0,303
CHR7	3912778	CHR7:3912778	SSF x LoA	-9,79034159	0,002	0,294
CHR7	3912784	CHR7:3912784	SSF x LoA	-7,290025	0,118	0,300
CHR7	391527	CHR7:391527	SSF x LoA	-8,15481104	0,021	0,305
CHR7	391528	CHR7:391528	SSF x LoA	-9,60924806	-0,012	0,300
CHR7	3916690	CHR7:3916690	SSF x LoA	-10,8605	-0,014	0,322
CHR7	3916741	CHR7:3916741	SSF x LoA	-11,8731085	-0,041	0,304
CHR7	3919460	CHR7:3919460	SSF x LoA	-7,56488848	-0,114	0,310
CHR7	3919486	CHR7:3919486	SSF x LoA	-5,78871883	0,095	0,311
CHR7	3919521	CHR7:3919521	SSF x LoA	-6,2842136	0,110	0,316
CHR7	3919539	CHR7:3919539	SSF x LoA	-7,00971926	0,117	0,311
CHR7	3920523	CHR7:3920523	SSF x LoA	-10,6540735	-0,014	0,314
CHR7	3934739	CHR7:3934739	SSF x LoA	-9,24343186	-0,118	0,296
CHR7	3934782	CHR7:3934782	SSF x LoA	-8,12368903	0,130	0,293
CHR7	3937666	CHR7:3937666	SSF x LoA	-9,85722572	-0,079	0,303
CHR7	3937858	CHR7:3937858	SSF x LoA	-6,99368184	-0,033	0,308
CHR7	3937865	CHR7:3937865	SSF x LoA	-2,1244472	0,013	0,291

CHR7	3937908	CHR7:3937908	SSF x LoA	-11,1801972	-0,023	0,302
CHR7	3937954	CHR7:3937954	SSF x LoA	-8,70872098	-0,073	0,303
CHR7	3952576	CHR7:3952576	SSF x LoA	-7,72633555	0,062	0,326
CHR7	3952606	CHR7:3952606	SSF x LoA	-11,7890299	0,095	0,305
CHR7	3953445	CHR7:3953445	SSF x LoA	-10,0187056	-0,016	0,313
CHR7	3953473	CHR7:3953473	SSF x LoA	-10,4876187	0,024	0,307
CHR7	3953511	CHR7:3953511	SSF x LoA	-10,5082433	0,028	0,303
CHR7	3979973	CHR7:3979973	SSF x LoA	-9,23214301	0,035	0,299
CHR7	3979998	CHR7:3979998	SSF x LoA	-9,85687235	0,023	0,306
CHR7	3980289	CHR7:3980289	SSF x LoA	-9,73607074	-0,051	0,314
CHR7	3996040	CHR7:3996040	SSF x LoA	-9,68904605	0,022	0,316
CHR7	3996083	CHR7:3996083	SSF x LoA	-8,33140099	0,030	0,312
CHR7	3998664	CHR7:3998664	SSF x LoA	-9,96335899	-0,132	0,301
CHR7	4011629	CHR7:4011629	SSF x LoA	-10,2723097	0,017	0,317
CHR7	4011657	CHR7:4011657	SSF x LoA	-6,98166238	0,168	0,286
CHR7	4011687	CHR7:4011687	SSF x LoA	-9,10647005	-0,038	0,311
CHR7	4020106	CHR7:4020106	SSF x LoA	-9,77720149	0,088	0,293
CHR7	4020167	CHR7:4020167	SSF x LoA	-8,87060652	0,022	0,307
CHR7	4020177	CHR7:4020177	SSF x LoA	-8,8766081	-0,074	0,301
CHR7	4023777	CHR7:4023777	SSF x LoA	-11,4070925	-0,003	0,309
CHR7	4023782	CHR7:4023782	SSF x LoA	-9,66772799	-0,009	0,314
CHR7	4023788	CHR7:4023788	SSF x LoA	-5,67420539	0,105	0,324
CHR7	402546	CHR7:402546	SSF x LoA	-9,00550228	-0,070	0,319
CHR7	402656	CHR7:402656	SSF x LoA	-9,43530348	0,044	0,295
CHR7	402779	CHR7:402779	SSF x LoA	-9,19224964	0,063	0,303
CHR7	4029736	CHR7:4029736	SSF x LoA	-7,9486819	-0,049	0,305
CHR7	4029764	CHR7:4029764	SSF x LoA	-12,3318999	0,011	0,308
CHR7	4029772	CHR7:4029772	SSF x LoA	-10,3276836	0,130	0,311
CHR7	4029811	CHR7:4029811	SSF x LoA	-10,1292327	0,131	0,299
CHR7	4029828	CHR7:4029828	SSF x LoA	-8,63584089	0,078	0,312
CHR7	4029835	CHR7:4029835	SSF x LoA	-10,3159048	0,022	0,293
CHR7	4033481	CHR7:4033481	SSF x LoA	-8,59745267	-0,171	0,299
CHR7	4033586	CHR7:4033586	SSF x LoA	-9,19098184	-0,067	0,291
CHR7	4033612	CHR7:4033612	SSF x LoA	-8,44147155	-0,027	0,319
CHR7	4033630	CHR7:4033630	SSF x LoA	-9,15974688	0,030	0,299
CHR7	4033631	CHR7:4033631	SSF x LoA	-10,2716348	-0,026	0,304
CHR7	4033655	CHR7:4033655	SSF x LoA	-10,1941609	-0,033	0,299
CHR7	4039210	CHR7:4039210	SSF x LoA	-11,654529	-0,042	0,303
CHR7	4039222	CHR7:4039222	SSF x LoA	-11,5222857	-0,072	0,305
CHR7	4039323	CHR7:4039323	SSF x LoA	-11,2346176	-0,039	0,305
CHR7	4039350	CHR7:4039350	SSF x LoA	-8,04638076	0,062	0,314
CHR7	4039364	CHR7:4039364	SSF x LoA	-10,8710387	0,006	0,303
CHR7	4048303	CHR7:4048303	SSF x LoA	-7,21936024	0,098	0,306
CHR7	4048322	CHR7:4048322	SSF x LoA	-6,83724837	-0,144	0,294
CHR7	4048342	CHR7:4048342	SSF x LoA	-11,624114	-0,077	0,294
CHR7	4050690	CHR7:4050690	SSF x LoA	-10,3847838	0,104	0,304
CHR7	4058361	CHR7:4058361	SSF x LoA	-9,89817614	-0,038	0,306
CHR7	4058363	CHR7:4058363	SSF x LoA	-8,66299867	-0,066	0,316
CHR7	4058639	CHR7:4058639	SSF x LoA	-8,35935134	-0,083	0,306
CHR7	4058662	CHR7:4058662	SSF x LoA	-5,74732474	-0,122	0,299
CHR7	4058664	CHR7:4058664	SSF x LoA	-8,3928279	-0,077	0,302
CHR7	4063247	CHR7:4063247	SSF x LoA	-10,4817755	0,010	0,327
CHR7	4063249	CHR7:4063249	SSF x LoA	-7,27996468	-0,002	0,309

CHR7	4063381	CHR7:4063381	SSF x LoA	-10,122066	0,093	0,310
CHR7	4063428	CHR7:4063428	SSF x LoA	-10,5739686	0,007	0,297
CHR7	4063437	CHR7:4063437	SSF x LoA	-5,65482578	-0,128	0,313
CHR7	4063460	CHR7:4063460	SSF x LoA	-9,34319275	-0,061	0,318
CHR7	4065225	CHR7:4065225	SSF x LoA	-9,22851916	0,123	0,289
CHR7	4067848	CHR7:4067848	SSF x LoA	-8,15231766	-0,079	0,318
CHR7	4069039	CHR7:4069039	SSF x LoA	-10,8518374	-0,061	0,311
CHR7	4069055	CHR7:4069055	SSF x LoA	-11,2702278	-0,024	0,312
CHR7	4069062	CHR7:4069062	SSF x LoA	-8,90108589	0,158	0,306
CHR7	4069111	CHR7:4069111	SSF x LoA	-9,48250832	0,000	0,310
CHR7	4069121	CHR7:4069121	SSF x LoA	-9,49388714	0,032	0,309
CHR7	4069122	CHR7:4069122	SSF x LoA	-9,79634034	-0,035	0,309
CHR7	4069179	CHR7:4069179	SSF x LoA	-8,30725088	0,147	0,294
CHR7	4069225	CHR7:4069225	SSF x LoA	-8,87652247	0,039	0,313
CHR7	4069228	CHR7:4069228	SSF x LoA	-11,0182591	-0,071	0,304
CHR7	4069229	CHR7:4069229	SSF x LoA	-10,0469998	0,133	0,301
CHR7	4069232	CHR7:4069232	SSF x LoA	-8,38911592	0,099	0,301
CHR7	4069238	CHR7:4069238	SSF x LoA	-9,84836854	-0,078	0,311
CHR7	4069247	CHR7:4069247	SSF x LoA	-4,70232771	0,185	0,298
CHR7	4074441	CHR7:4074441	SSF x LoA	-9,30358899	0,091	0,301
CHR7	4074444	CHR7:4074444	SSF x LoA	-11,2295623	0,006	0,300
CHR7	4077836	CHR7:4077836	SSF x LoA	-10,8651537	0,020	0,317
CHR7	4077889	CHR7:4077889	SSF x LoA	-9,9533744	-0,093	0,300
CHR7	4077896	CHR7:4077896	SSF x LoA	-11,1098671	0,019	0,304
CHR7	4077906	CHR7:4077906	SSF x LoA	-12,1993443	0,022	0,307
CHR7	4077936	CHR7:4077936	SSF x LoA	-11,1836297	0,032	0,310
CHR7	4077949	CHR7:4077949	SSF x LoA	-7,95951131	-0,060	0,303
CHR7	4084805	CHR7:4084805	SSF x LoA	-11,3340573	-0,026	0,311
CHR7	4084825	CHR7:4084825	SSF x LoA	-9,23806934	-0,042	0,305
CHR7	4084896	CHR7:4084896	SSF x LoA	-9,57805175	0,040	0,321
CHR7	4084979	CHR7:4084979	SSF x LoA	-8,94303817	-0,014	0,314
CHR7	4085041	CHR7:4085041	SSF x LoA	-5,921934	0,085	0,304
CHR7	4085110	CHR7:4085110	SSF x LoA	-7,4833195	-0,092	0,304
CHR7	4085126	CHR7:4085126	SSF x LoA	-7,75175003	-0,030	0,293
CHR7	4085129	CHR7:4085129	SSF x LoA	-4,53499329	0,180	0,303
CHR7	4089240	CHR7:4089240	SSF x LoA	-9,93232145	0,061	0,292
CHR7	4089257	CHR7:4089257	SSF x LoA	-2,09784359	-0,005	0,321
CHR7	4089291	CHR7:4089291	SSF x LoA	-10,7931521	0,098	0,302
CHR7	4089337	CHR7:4089337	SSF x LoA	-8,24461199	0,034	0,296
CHR7	4095649	CHR7:4095649	SSF x LoA	-9,9963504	0,016	0,298
CHR7	4095654	CHR7:4095654	SSF x LoA	-10,0239544	-0,024	0,312
CHR7	4095769	CHR7:4095769	SSF x LoA	-10,0149504	0,030	0,317
CHR7	4107431	CHR7:4107431	SSF x LoA	-9,30629413	-0,121	0,308
CHR7	4107451	CHR7:4107451	SSF x LoA	-10,8495864	0,088	0,299
CHR7	4107501	CHR7:4107501	SSF x LoA	-10,2130105	0,112	0,307
CHR7	4107595	CHR7:4107595	SSF x LoA	-11,81915	0,015	0,307
CHR7	4113968	CHR7:4113968	SSF x LoA	-10,2929108	-0,051	0,317
CHR7	4114038	CHR7:4114038	SSF x LoA	-8,37673585	0,030	0,308
CHR7	4115719	CHR7:4115719	SSF x LoA	-8,58318905	-0,113	0,307
CHR7	4115731	CHR7:4115731	SSF x LoA	-11,788538	-0,056	0,300
CHR7	4115775	CHR7:4115775	SSF x LoA	-10,9020291	0,048	0,309
CHR7	4115967	CHR7:4115967	SSF x LoA	-11,6321296	0,026	0,309
CHR7	4132703	CHR7:4132703	SSF x LoA	-9,13801194	0,075	0,310

CHR7	4132729	CHR7:4132729	SSF x LoA	-7,09423326	0,074	0,303
CHR7	4132906	CHR7:4132906	SSF x LoA	-7,15189517	-0,058	0,309
CHR7	413895	CHR7:413895	SSF x LoA	-8,26500337	-0,036	0,311
CHR7	4139536	CHR7:4139536	SSF x LoA	-8,28427768	-0,071	0,301
CHR7	4139640	CHR7:4139640	SSF x LoA	-5,93323533	0,004	0,325
CHR7	4141681	CHR7:4141681	SSF x LoA	-10,494007	0,117	0,305
CHR7	4141691	CHR7:4141691	SSF x LoA	-9,47806835	-0,115	0,298
CHR7	4141748	CHR7:4141748	SSF x LoA	-9,74839528	-0,016	0,304
CHR7	4144546	CHR7:4144546	SSF x LoA	-10,7508891	0,008	0,317
CHR7	4146591	CHR7:4146591	SSF x LoA	-8,34350852	0,032	0,300
CHR7	4146601	CHR7:4146601	SSF x LoA	-8,24235961	-0,005	0,309
CHR7	4146605	CHR7:4146605	SSF x LoA	-6,59730378	0,039	0,303
CHR7	4146612	CHR7:4146612	SSF x LoA	-9,17234247	0,018	0,308
CHR7	4146639	CHR7:4146639	SSF x LoA	-8,20558695	0,007	0,318
CHR7	4146645	CHR7:4146645	SSF x LoA	-8,50952578	0,073	0,312
CHR7	4146676	CHR7:4146676	SSF x LoA	-9,26462563	0,059	0,306
CHR7	4146741	CHR7:4146741	SSF x LoA	-11,1888295	0,039	0,308
CHR7	4149139	CHR7:4149139	SSF x LoA	-6,98411825	0,144	0,292
CHR7	4149140	CHR7:4149140	SSF x LoA	-8,51466169	0,104	0,300
CHR7	4149160	CHR7:4149160	SSF x LoA	-9,94846586	0,056	0,312
CHR7	4149182	CHR7:4149182	SSF x LoA	-8,31282993	-0,031	0,312
CHR7	4149183	CHR7:4149183	SSF x LoA	-8,16304859	0,036	0,317
CHR7	4149199	CHR7:4149199	SSF x LoA	-10,2390137	0,016	0,293
CHR7	4149241	CHR7:4149241	SSF x LoA	-8,19119746	-0,018	0,296
CHR7	4149247	CHR7:4149247	SSF x LoA	-10,470243	0,045	0,313
CHR7	4149254	CHR7:4149254	SSF x LoA	-10,1072561	0,021	0,317
CHR7	4153787	CHR7:4153787	SSF x LoA	-9,06029157	0,068	0,300
CHR7	4155479	CHR7:4155479	SSF x LoA	-11,4993893	-0,088	0,303
CHR7	4155545	CHR7:4155545	SSF x LoA	-10,1863942	0,025	0,300
CHR7	4155584	CHR7:4155584	SSF x LoA	-9,22054027	-0,068	0,286
CHR7	416254	CHR7:416254	SSF x LoA	-7,79354428	0,033	0,302
CHR7	4166235	CHR7:4166235	SSF x LoA	-6,54336213	0,129	0,306
CHR7	4166236	CHR7:4166236	SSF x LoA	-9,11447955	0,038	0,309
CHR7	4166244	CHR7:4166244	SSF x LoA	-11,0959311	0,074	0,303
CHR7	4166284	CHR7:4166284	SSF x LoA	-8,34906304	-0,040	0,297
CHR7	4166330	CHR7:4166330	SSF x LoA	-9,76993286	0,055	0,315
CHR7	4179748	CHR7:4179748	SSF x LoA	-10,3289734	-0,006	0,303
CHR7	4179768	CHR7:4179768	SSF x LoA	-8,15069574	-0,086	0,294
CHR7	4183582	CHR7:4183582	SSF x LoA	-10,2121599	0,014	0,307
CHR7	4183648	CHR7:4183648	SSF x LoA	-9,63330057	-0,002	0,304
CHR7	418680	CHR7:418680	SSF x LoA	-9,03205165	0,099	0,306
CHR7	4188933	CHR7:4188933	SSF x LoA	-6,49100252	-0,137	0,328
CHR7	4199813	CHR7:4199813	SSF x LoA	-9,53123442	-0,017	0,302
CHR7	4200076	CHR7:4200076	SSF x LoA	-5,27938162	-0,128	0,304
CHR7	4209669	CHR7:4209669	SSF x LoA	-7,33206865	0,154	0,298
CHR7	4209704	CHR7:4209704	SSF x LoA	-7,4228803	-0,167	0,295
CHR7	4209754	CHR7:4209754	SSF x LoA	-11,3362029	0,041	0,302
CHR7	4224058	CHR7:4224058	SSF x LoA	-10,1821506	-0,035	0,297
CHR7	4224093	CHR7:4224093	SSF x LoA	-8,59588938	-0,018	0,305
CHR7	4224108	CHR7:4224108	SSF x LoA	-9,33744615	-0,100	0,308
CHR7	4224119	CHR7:4224119	SSF x LoA	-9,78376366	0,069	0,309
CHR7	4224134	CHR7:4224134	SSF x LoA	-9,1011781	0,122	0,307
CHR7	4224147	CHR7:4224147	SSF x LoA	-10,4547453	-0,015	0,301

CHR7	4224172	CHR7:4224172	SSF x LoA	-9,09998648	0,125	0,303
CHR7	4224178	CHR7:4224178	SSF x LoA	-7,32653585	0,101	0,319
CHR7	4224230	CHR7:4224230	SSF x LoA	-11,5449432	-0,027	0,305
CHR7	4224279	CHR7:4224279	SSF x LoA	-10,3164738	0,049	0,303
CHR7	4237116	CHR7:4237116	SSF x LoA	-9,91461311	-0,088	0,307
CHR7	4237122	CHR7:4237122	SSF x LoA	-9,99878894	0,045	0,328
CHR7	4237152	CHR7:4237152	SSF x LoA	-8,34969682	-0,053	0,298
CHR7	4237209	CHR7:4237209	SSF x LoA	-8,62986867	0,006	0,314
CHR7	4237213	CHR7:4237213	SSF x LoA	-9,10075732	-0,010	0,305
CHR7	4237222	CHR7:4237222	SSF x LoA	-6,9503984	-0,051	0,307
CHR7	4237229	CHR7:4237229	SSF x LoA	-5,60860627	-0,032	0,306
CHR7	4237237	CHR7:4237237	SSF x LoA	-7,06400836	0,016	0,317
CHR7	4237255	CHR7:4237255	SSF x LoA	-11,7661835	0,008	0,308
CHR7	4257552	CHR7:4257552	SSF x LoA	-9,60435231	0,073	0,314
CHR7	4257671	CHR7:4257671	SSF x LoA	-8,78693481	-0,040	0,321
CHR7	4275500	CHR7:4275500	SSF x LoA	-10,353645	-0,020	0,315
CHR7	4281624	CHR7:4281624	SSF x LoA	-7,40675483	0,197	0,303
CHR7	4281644	CHR7:4281644	SSF x LoA	-7,88322226	0,031	0,313
CHR7	4281657	CHR7:4281657	SSF x LoA	-9,60340051	-0,041	0,311
CHR7	4281682	CHR7:4281682	SSF x LoA	-11,4743078	-0,001	0,317
CHR7	4281821	CHR7:4281821	SSF x LoA	-9,89488265	-0,097	0,309
CHR7	4281844	CHR7:4281844	SSF x LoA	-10,9381339	-0,018	0,310
CHR7	4281910	CHR7:4281910	SSF x LoA	-9,3339117	-0,043	0,314
CHR7	4289607	CHR7:4289607	SSF x LoA	-8,66796033	0,065	0,312
CHR7	4289761	CHR7:4289761	SSF x LoA	-4,96382124	-0,166	0,302
CHR7	4295360	CHR7:4295360	SSF x LoA	-9,90324243	0,066	0,312
CHR7	4295378	CHR7:4295378	SSF x LoA	-6,86049533	-0,140	0,298
CHR7	4298116	CHR7:4298116	SSF x LoA	-6,76931403	-0,084	0,288
CHR7	4306484	CHR7:4306484	SSF x LoA	-7,63837343	0,051	0,301
CHR7	4306521	CHR7:4306521	SSF x LoA	-7,62450598	0,080	0,315
CHR7	4306530	CHR7:4306530	SSF x LoA	-11,0715298	-0,013	0,308
CHR7	4325603	CHR7:4325603	SSF x LoA	-5,73091282	-0,123	0,305
CHR7	4325701	CHR7:4325701	SSF x LoA	-10,640062	0,013	0,304
CHR7	4334687	CHR7:4334687	SSF x LoA	-8,44955711	0,034	0,324
CHR7	4334714	CHR7:4334714	SSF x LoA	-8,6716372	-0,111	0,298
CHR7	4334724	CHR7:4334724	SSF x LoA	-10,1472852	0,003	0,303
CHR7	4334736	CHR7:4334736	SSF x LoA	-9,31703134	0,007	0,304
CHR7	4334774	CHR7:4334774	SSF x LoA	-8,89520812	0,028	0,315
CHR7	4334780	CHR7:4334780	SSF x LoA	-10,7193619	0,070	0,315
CHR7	4334781	CHR7:4334781	SSF x LoA	-11,4256129	0,067	0,312
CHR7	4345750	CHR7:4345750	SSF x LoA	-8,90315509	0,069	0,308
CHR7	4345850	CHR7:4345850	SSF x LoA	-9,13971152	-0,014	0,307
CHR7	4365179	CHR7:4365179	SSF x LoA	-9,06492258	0,093	0,305
CHR7	4365478	CHR7:4365478	SSF x LoA	-10,371681	0,057	0,310
CHR7	4365519	CHR7:4365519	SSF x LoA	-0,38908884	0,175	0,291
CHR7	4365530	CHR7:4365530	SSF x LoA	-10,0601266	0,017	0,324
CHR7	4365561	CHR7:4365561	SSF x LoA	-8,48021325	-0,066	0,309
CHR7	4378541	CHR7:4378541	SSF x LoA	-9,05380548	-0,016	0,319
CHR7	4379411	CHR7:4379411	SSF x LoA	-10,8546682	0,038	0,292
CHR7	4386375	CHR7:4386375	SSF x LoA	-10,0738509	0,049	0,322
CHR7	4388042	CHR7:4388042	SSF x LoA	-6,81458049	0,111	0,299
CHR7	4388055	CHR7:4388055	SSF x LoA	-10,1710509	-0,005	0,318
CHR7	4388062	CHR7:4388062	SSF x LoA	-10,1202944	0,028	0,321

CHR7	4388112	CHR7:4388112	SSF x LoA	-9,81065426	-0,020	0,293
CHR7	4388245	CHR7:4388245	SSF x LoA	-9,29783269	0,057	0,311
CHR7	4388293	CHR7:4388293	SSF x LoA	-9,46443289	-0,009	0,288
CHR7	4401286	CHR7:4401286	SSF x LoA	-8,06329565	-0,106	0,308
CHR7	4415823	CHR7:4415823	SSF x LoA	-6,58101955	0,079	0,304
CHR7	4415913	CHR7:4415913	SSF x LoA	-11,6006078	-0,010	0,296
CHR7	4415924	CHR7:4415924	SSF x LoA	-10,206559	-0,058	0,299
CHR7	4415933	CHR7:4415933	SSF x LoA	-10,5729936	-0,034	0,299
CHR7	4416013	CHR7:4416013	SSF x LoA	-8,68622338	0,042	0,319
CHR7	4421967	CHR7:4421967	SSF x LoA	-7,21260824	-0,138	0,302
CHR7	4422043	CHR7:4422043	SSF x LoA	-8,68029327	-0,013	0,308
CHR7	4422124	CHR7:4422124	SSF x LoA	-9,17716569	-0,019	0,301
CHR7	4422147	CHR7:4422147	SSF x LoA	-8,71950861	0,053	0,298
CHR7	4425869	CHR7:4425869	SSF x LoA	-8,15137437	-0,021	0,307
CHR7	4425886	CHR7:4425886	SSF x LoA	-11,1168533	0,002	0,322
CHR7	4425910	CHR7:4425910	SSF x LoA	-8,87471802	0,057	0,307
CHR7	4425941	CHR7:4425941	SSF x LoA	-9,81721524	0,032	0,311
CHR7	4426038	CHR7:4426038	SSF x LoA	-7,39762836	0,017	0,308
CHR7	4426054	CHR7:4426054	SSF x LoA	-10,0612693	-0,113	0,301
CHR7	4426065	CHR7:4426065	SSF x LoA	-9,85575512	-0,033	0,313
CHR7	4426070	CHR7:4426070	SSF x LoA	-8,25429707	0,027	0,311
CHR7	4426109	CHR7:4426109	SSF x LoA	-10,3814467	-0,034	0,315
CHR7	4427920	CHR7:4427920	SSF x LoA	-9,83098797	-0,076	0,305
CHR7	443024	CHR7:443024	SSF x LoA	-7,74566031	-0,063	0,308
CHR7	4431026	CHR7:4431026	SSF x LoA	-5,27158551	-0,208	0,293
CHR7	4431033	CHR7:4431033	SSF x LoA	-9,00877984	0,022	0,311
CHR7	4431056	CHR7:4431056	SSF x LoA	-7,90783505	0,033	0,320
CHR7	4431060	CHR7:4431060	SSF x LoA	-6,78909274	-0,199	0,304
CHR7	4431200	CHR7:4431200	SSF x LoA	-9,89536562	-0,120	0,296
CHR7	443124	CHR7:443124	SSF x LoA	-8,90330597	0,037	0,306
CHR7	443134	CHR7:443134	SSF x LoA	-9,16845575	0,045	0,313
CHR7	443138	CHR7:443138	SSF x LoA	-9,44461729	0,006	0,304
CHR7	443185	CHR7:443185	SSF x LoA	-10,676132	-0,114	0,303
CHR7	443216	CHR7:443216	SSF x LoA	-9,75750661	0,117	0,312
CHR7	4435063	CHR7:4435063	SSF x LoA	-9,44029344	0,065	0,313
CHR7	4435077	CHR7:4435077	SSF x LoA	-11,2426086	0,035	0,308
CHR7	4435099	CHR7:4435099	SSF x LoA	-10,0389271	-0,062	0,310
CHR7	4437980	CHR7:4437980	SSF x LoA	-8,1832006	-0,076	0,328
CHR7	4441803	CHR7:4441803	SSF x LoA	-9,007572	0,065	0,316
CHR7	4445800	CHR7:4445800	SSF x LoA	-0,980733	-0,129	0,309
CHR7	4445821	CHR7:4445821	SSF x LoA	-9,37300342	0,019	0,310
CHR7	4453929	CHR7:4453929	SSF x LoA	-10,9471032	0,019	0,305
CHR7	4453969	CHR7:4453969	SSF x LoA	-8,57637122	0,012	0,304
CHR7	4453971	CHR7:4453971	SSF x LoA	-9,40404503	-0,047	0,302
CHR7	4454019	CHR7:4454019	SSF x LoA	-7,05972244	-0,071	0,309
CHR7	4454037	CHR7:4454037	SSF x LoA	-11,0020962	0,004	0,297
CHR7	4454062	CHR7:4454062	SSF x LoA	-6,41250172	-0,058	0,307
CHR7	4459129	CHR7:4459129	SSF x LoA	-8,56618103	0,013	0,294
CHR7	4459173	CHR7:4459173	SSF x LoA	-11,0199121	-0,010	0,314
CHR7	4459181	CHR7:4459181	SSF x LoA	-7,5180328	-0,019	0,303
CHR7	4459215	CHR7:4459215	SSF x LoA	-9,82133706	-0,188	0,291
CHR7	4459477	CHR7:4459477	SSF x LoA	-7,76866091	0,071	0,322
CHR7	4459494	CHR7:4459494	SSF x LoA	-0,13588984	-0,192	0,299

CHR7	4459495	CHR7:4459495	SSF x LoA	-6,18215277	-0,179	0,292
CHR7	4459499	CHR7:4459499	SSF x LoA	-12,0810275	-0,006	0,305
CHR7	4459524	CHR7:4459524	SSF x LoA	-11,7602718	0,003	0,314
CHR7	4459569	CHR7:4459569	SSF x LoA	-8,83352542	0,108	0,305
CHR7	4462135	CHR7:4462135	SSF x LoA	-9,72459256	-0,047	0,312
CHR7	446802	CHR7:446802	SSF x LoA	-11,2984747	0,056	0,307
CHR7	446879	CHR7:446879	SSF x LoA	-9,15515886	-0,123	0,304
CHR7	447061	CHR7:447061	SSF x LoA	-9,4411235	-0,029	0,307
CHR7	4473873	CHR7:4473873	SSF x LoA	-9,62584013	0,146	0,301
CHR7	4473891	CHR7:4473891	SSF x LoA	-10,2545004	-0,044	0,303
CHR7	4473899	CHR7:4473899	SSF x LoA	-9,68769017	-0,011	0,316
CHR7	4473945	CHR7:4473945	SSF x LoA	-10,1949114	-0,009	0,315
CHR7	4478124	CHR7:4478124	SSF x LoA	-2,10168517	-0,252	0,290
CHR7	4478219	CHR7:4478219	SSF x LoA	-10,7461112	-0,002	0,312
CHR7	4483567	CHR7:4483567	SSF x LoA	-8,4758511	0,124	0,312
CHR7	4483737	CHR7:4483737	SSF x LoA	-9,26357801	-0,004	0,310
CHR7	4483741	CHR7:4483741	SSF x LoA	-9,0396385	-0,063	0,310
CHR7	4483760	CHR7:4483760	SSF x LoA	-5,49876739	-0,124	0,309
CHR7	4483771	CHR7:4483771	SSF x LoA	-9,00396235	0,162	0,304
CHR7	4483783	CHR7:4483783	SSF x LoA	-10,3907415	0,113	0,303
CHR7	4499445	CHR7:4499445	SSF x LoA	-11,8224703	-0,017	0,312
CHR7	4499458	CHR7:4499458	SSF x LoA	-10,091766	-0,067	0,309
CHR7	4501460	CHR7:4501460	SSF x LoA	-4,11669818	0,115	0,304
CHR7	4501518	CHR7:4501518	SSF x LoA	-4,43781138	0,120	0,299
CHR7	4502140	CHR7:4502140	SSF x LoA	-8,19412739	0,063	0,309
CHR7	4505031	CHR7:4505031	SSF x LoA	-8,35498459	-0,065	0,291
CHR7	4505069	CHR7:4505069	SSF x LoA	-8,62387948	-0,113	0,299
CHR7	4505145	CHR7:4505145	SSF x LoA	-6,88298837	-0,067	0,316
CHR7	4505242	CHR7:4505242	SSF x LoA	-8,48215236	0,036	0,318
CHR7	451165	CHR7:451165	SSF x LoA	-11,141529	-0,078	0,312
CHR7	451326	CHR7:451326	SSF x LoA	-10,7730081	-0,001	0,312
CHR7	4527174	CHR7:4527174	SSF x LoA	-9,02290256	-0,039	0,312
CHR7	4547216	CHR7:4547216	SSF x LoA	-9,33125247	-0,170	0,301
CHR7	4547274	CHR7:4547274	SSF x LoA	-9,94523839	0,048	0,309
CHR7	4551140	CHR7:4551140	SSF x LoA	-10,1455239	0,082	0,306
CHR7	4551151	CHR7:4551151	SSF x LoA	-9,96958216	0,006	0,308
CHR7	4553621	CHR7:4553621	SSF x LoA	-8,96375573	0,061	0,317
CHR7	4553632	CHR7:4553632	SSF x LoA	-8,07378893	0,108	0,316
CHR7	4553662	CHR7:4553662	SSF x LoA	-8,5626857	0,109	0,313
CHR7	4557297	CHR7:4557297	SSF x LoA	-3,61581286	0,090	0,330
CHR7	4557310	CHR7:4557310	SSF x LoA	-7,60964545	-0,103	0,305
CHR7	4557315	CHR7:4557315	SSF x LoA	-6,82920812	-0,125	0,300
CHR7	4557317	CHR7:4557317	SSF x LoA	-6,47361286	-0,100	0,298
CHR7	4557335	CHR7:4557335	SSF x LoA	-8,42241322	-0,166	0,293
CHR7	4557358	CHR7:4557358	SSF x LoA	-10,5155485	0,033	0,321
CHR7	4557359	CHR7:4557359	SSF x LoA	-7,59815287	-0,064	0,320
CHR7	4557363	CHR7:4557363	SSF x LoA	-6,88633721	-0,108	0,306
CHR7	4557370	CHR7:4557370	SSF x LoA	-10,8396601	0,027	0,311
CHR7	4557716	CHR7:4557716	SSF x LoA	-10,5674819	-0,012	0,330
CHR7	4557723	CHR7:4557723	SSF x LoA	-9,81267788	-0,022	0,303
CHR7	4557742	CHR7:4557742	SSF x LoA	-8,97829799	-0,013	0,317
CHR7	4557744	CHR7:4557744	SSF x LoA	-9,18401001	-0,005	0,304
CHR7	4557782	CHR7:4557782	SSF x LoA	-8,94119312	0,024	0,321

CHR7	4557790	CHR7:4557790	SSF x LoA	-9,83684013	-0,011	0,317
CHR7	4563917	CHR7:4563917	SSF x LoA	-11,3973459	0,090	0,300
CHR7	4564028	CHR7:4564028	SSF x LoA	-8,04622501	0,161	0,303
CHR7	4564043	CHR7:4564043	SSF x LoA	-10,4609054	0,004	0,303
CHR7	4564247	CHR7:4564247	SSF x LoA	-8,19735372	-0,056	0,306
CHR7	4564319	CHR7:4564319	SSF x LoA	-6,37931704	-0,071	0,308
CHR7	4564336	CHR7:4564336	SSF x LoA	-7,73848553	0,099	0,300
CHR7	4603047	CHR7:4603047	SSF x LoA	-10,6438053	-0,028	0,311
CHR7	4603051	CHR7:4603051	SSF x LoA	-11,6796586	-0,026	0,299
CHR7	4605126	CHR7:4605126	SSF x LoA	-9,49236362	-0,108	0,307
CHR7	4605132	CHR7:4605132	SSF x LoA	-8,2690302	-0,138	0,305
CHR7	4605168	CHR7:4605168	SSF x LoA	-7,34855921	0,004	0,315
CHR7	4607536	CHR7:4607536	SSF x LoA	-10,8274243	-0,022	0,313
CHR7	4634205	CHR7:4634205	SSF x LoA	-11,393867	0,027	0,312
CHR7	4634301	CHR7:4634301	SSF x LoA	-3,15442863	0,249	0,300
CHR7	4635709	CHR7:4635709	SSF x LoA	-8,76908272	0,100	0,321
CHR7	4637038	CHR7:4637038	SSF x LoA	-9,05843246	0,123	0,307
CHR7	4637164	CHR7:4637164	SSF x LoA	-4,02205187	-0,133	0,321
CHR7	4637191	CHR7:4637191	SSF x LoA	-10,8437384	-0,015	0,307
CHR7	4637200	CHR7:4637200	SSF x LoA	-9,27523507	0,078	0,317
CHR7	4640472	CHR7:4640472	SSF x LoA	-7,01790458	0,008	0,293
CHR7	4640541	CHR7:4640541	SSF x LoA	-10,9478309	0,047	0,300
CHR7	4650554	CHR7:4650554	SSF x LoA	-8,48673372	-0,104	0,316
CHR7	4657007	CHR7:4657007	SSF x LoA	-10,5587981	-0,005	0,320
CHR7	4660119	CHR7:4660119	SSF x LoA	-7,82107535	-0,008	0,322
CHR7	4660121	CHR7:4660121	SSF x LoA	-9,67069833	0,058	0,303
CHR7	4660214	CHR7:4660214	SSF x LoA	-9,67034005	0,014	0,316
CHR7	4660222	CHR7:4660222	SSF x LoA	-6,40557448	0,044	0,302
CHR7	4667008	CHR7:4667008	SSF x LoA	-9,77033386	-0,005	0,300
CHR7	4667047	CHR7:4667047	SSF x LoA	-9,00796043	-0,007	0,309
CHR7	4667181	CHR7:4667181	SSF x LoA	-9,23269415	-0,056	0,304
CHR7	4675072	CHR7:4675072	SSF x LoA	-5,97868155	0,028	0,307
CHR7	4683201	CHR7:4683201	SSF x LoA	-11,6000046	-0,097	0,311
CHR7	4683283	CHR7:4683283	SSF x LoA	-9,83111468	0,019	0,299
CHR7	4683351	CHR7:4683351	SSF x LoA	-8,16711142	0,026	0,297
CHR7	4683360	CHR7:4683360	SSF x LoA	-9,33636446	-0,121	0,319
CHR7	4683436	CHR7:4683436	SSF x LoA	-6,18411671	-0,118	0,284
CHR7	4683447	CHR7:4683447	SSF x LoA	-8,61215094	0,093	0,300
CHR7	4694154	CHR7:4694154	SSF x LoA	-7,83543575	0,007	0,299
CHR7	4694199	CHR7:4694199	SSF x LoA	-4,01442517	-0,234	0,296
CHR7	4694286	CHR7:4694286	SSF x LoA	-8,72763754	0,099	0,298
CHR7	4694315	CHR7:4694315	SSF x LoA	-9,41817637	0,097	0,300
CHR7	4695687	CHR7:4695687	SSF x LoA	-9,7815551	0,058	0,307
CHR7	4695857	CHR7:4695857	SSF x LoA	-7,43316482	0,130	0,292
CHR7	4695871	CHR7:4695871	SSF x LoA	-7,54978311	0,159	0,301
CHR7	4695928	CHR7:4695928	SSF x LoA	-8,82266333	0,095	0,302
CHR7	4735176	CHR7:4735176	SSF x LoA	-10,7652472	-0,065	0,298
CHR7	4749004	CHR7:4749004	SSF x LoA	-11,4878197	0,052	0,326
CHR7	4749019	CHR7:4749019	SSF x LoA	-11,5628121	0,011	0,295
CHR7	4753910	CHR7:4753910	SSF x LoA	-5,15220339	-0,207	0,302
CHR7	475954	CHR7:475954	SSF x LoA	-8,99287395	0,042	0,302
CHR7	476072	CHR7:476072	SSF x LoA	-10,9740042	-0,005	0,289
CHR7	4774166	CHR7:4774166	SSF x LoA	-8,89040666	0,011	0,320

CHR7	4806914	CHR7:4806914	SSF x LoA	-12,0086016	0,063	0,295
CHR7	4806937	CHR7:4806937	SSF x LoA	-8,03236587	-0,021	0,318
CHR7	4806939	CHR7:4806939	SSF x LoA	-8,60095175	-0,002	0,311
CHR7	4806989	CHR7:4806989	SSF x LoA	-10,2119917	-0,020	0,305
CHR7	4808326	CHR7:4808326	SSF x LoA	-9,62832075	-0,039	0,297
CHR7	4808468	CHR7:4808468	SSF x LoA	-11,2564793	-0,015	0,303
CHR7	4833957	CHR7:4833957	SSF x LoA	-9,38750142	-0,018	0,305
CHR7	4869982	CHR7:4869982	SSF x LoA	-9,41104461	-0,040	0,307
CHR7	4870082	CHR7:4870082	SSF x LoA	-8,97253035	0,052	0,313
CHR7	487533	CHR7:487533	SSF x LoA	-8,23030303	-0,024	0,312
CHR7	487558	CHR7:487558	SSF x LoA	-8,56980944	-0,032	0,299
CHR7	487627	CHR7:487627	SSF x LoA	-9,2623097	-0,165	0,300
CHR7	487670	CHR7:487670	SSF x LoA	-11,2402597	-0,067	0,312
CHR7	4880217	CHR7:4880217	SSF x LoA	-9,31151542	-0,082	0,310
CHR7	4882945	CHR7:4882945	SSF x LoA	-6,24215551	0,134	0,290
CHR7	4883066	CHR7:4883066	SSF x LoA	-8,62383088	-0,049	0,307
CHR7	4899186	CHR7:4899186	SSF x LoA	-7,29712824	-0,125	0,302
CHR7	4904164	CHR7:4904164	SSF x LoA	-10,0827531	0,012	0,303
CHR7	4910439	CHR7:4910439	SSF x LoA	-10,2538664	-0,090	0,310
CHR7	4910487	CHR7:4910487	SSF x LoA	-9,19671301	-0,088	0,305
CHR7	4922024	CHR7:4922024	SSF x LoA	-10,3367597	-0,062	0,298
CHR7	4931886	CHR7:4931886	SSF x LoA	-2,23475276	-0,045	0,331
CHR7	4931923	CHR7:4931923	SSF x LoA	-11,9395095	-0,002	0,296
CHR7	4931946	CHR7:4931946	SSF x LoA	-8,11609913	0,185	0,312
CHR7	4931984	CHR7:4931984	SSF x LoA	-9,22377745	0,087	0,298
CHR7	4932156	CHR7:4932156	SSF x LoA	-9,22639675	0,056	0,317
CHR7	4934422	CHR7:4934422	SSF x LoA	-8,26316876	0,015	0,312
CHR7	4934551	CHR7:4934551	SSF x LoA	-9,36341062	-0,103	0,300
CHR7	4934570	CHR7:4934570	SSF x LoA	-7,7246898	-0,082	0,328
CHR7	4968549	CHR7:4968549	SSF x LoA	-8,2599946	-0,034	0,312
CHR7	4996114	CHR7:4996114	SSF x LoA	-8,28983738	-0,084	0,296
CHR7	4996119	CHR7:4996119	SSF x LoA	-10,9168053	-0,059	0,306
CHR7	4996146	CHR7:4996146	SSF x LoA	-6,09911149	0,162	0,298
CHR7	5019242	CHR7:5019242	SSF x LoA	-10,4627631	-0,042	0,314
CHR7	5024026	CHR7:5024026	SSF x LoA	-10,4587299	-0,037	0,310
CHR7	5028123	CHR7:5028123	SSF x LoA	-9,66043689	0,036	0,302
CHR7	5028240	CHR7:5028240	SSF x LoA	-10,6919326	0,059	0,308
CHR7	5031444	CHR7:5031444	SSF x LoA	-12,1759398	-0,010	0,296
CHR7	5031480	CHR7:5031480	SSF x LoA	-11,6722763	0,022	0,297
CHR7	5031504	CHR7:5031504	SSF x LoA	-11,5115359	-0,076	0,303
CHR7	5031542	CHR7:5031542	SSF x LoA	-9,5963859	-0,004	0,299
CHR7	5031546	CHR7:5031546	SSF x LoA	-11,9306623	-0,003	0,298
CHR7	5031597	CHR7:5031597	SSF x LoA	-7,97505521	0,115	0,313
CHR7	5032478	CHR7:5032478	SSF x LoA	-3,81231204	0,066	0,313
CHR7	5032498	CHR7:5032498	SSF x LoA	-7,42947982	-0,126	0,302
CHR7	5032502	CHR7:5032502	SSF x LoA	-1,18265045	0,192	0,299
CHR7	5032672	CHR7:5032672	SSF x LoA	-9,38924439	-0,180	0,298
CHR7	5042541	CHR7:5042541	SSF x LoA	-8,53127152	0,090	0,300
CHR7	5042743	CHR7:5042743	SSF x LoA	-9,57795003	-0,038	0,298
CHR7	504614	CHR7:504614	SSF x LoA	-10,977571	0,023	0,300
CHR7	504709	CHR7:504709	SSF x LoA	-10,4618678	-0,002	0,305
CHR7	504720	CHR7:504720	SSF x LoA	-10,9276495	-0,016	0,311
CHR7	504751	CHR7:504751	SSF x LoA	-11,20267	0,028	0,313

CHR7	5050908	CHR7:5050908	SSF x LoA	-10,2985508	0,052	0,301
CHR7	5050931	CHR7:5050931	SSF x LoA	-11,24131	0,033	0,296
CHR7	5052463	CHR7:5052463	SSF x LoA	-11,02018	0,040	0,312
CHR7	5052671	CHR7:5052671	SSF x LoA	-6,04592379	0,083	0,307
CHR7	5055001	CHR7:5055001	SSF x LoA	-9,61421277	0,021	0,309
CHR7	5055045	CHR7:5055045	SSF x LoA	-9,89067009	-0,026	0,307
CHR7	5057358	CHR7:5057358	SSF x LoA	-2,98041019	0,026	0,314
CHR7	5059347	CHR7:5059347	SSF x LoA	-11,1036024	0,065	0,302
CHR7	5059497	CHR7:5059497	SSF x LoA	-8,45938994	0,053	0,305
CHR7	5062533	CHR7:5062533	SSF x LoA	-10,6513586	-0,055	0,293
CHR7	5063757	CHR7:5063757	SSF x LoA	-10,1777833	-0,058	0,308
CHR7	5063787	CHR7:5063787	SSF x LoA	-9,38138014	-0,032	0,302
CHR7	5063831	CHR7:5063831	SSF x LoA	-8,57508324	-0,041	0,300
CHR7	5063922	CHR7:5063922	SSF x LoA	-9,04129398	-0,048	0,313
CHR7	5135805	CHR7:5135805	SSF x LoA	-9,10195255	-0,058	0,298
CHR7	5188048	CHR7:5188048	SSF x LoA	-12,1408105	0,012	0,297
CHR7	5188165	CHR7:5188165	SSF x LoA	-9,20593457	-0,077	0,305
CHR7	5188306	CHR7:5188306	SSF x LoA	-10,7466361	-0,066	0,304
CHR7	5188366	CHR7:5188366	SSF x LoA	-8,04586533	0,021	0,312
CHR7	5188410	CHR7:5188410	SSF x LoA	-7,80309207	-0,121	0,300
CHR7	5197237	CHR7:5197237	SSF x LoA	-7,19522158	0,073	0,299
CHR7	5197248	CHR7:5197248	SSF x LoA	-11,1712314	0,074	0,314
CHR7	5197354	CHR7:5197354	SSF x LoA	-10,3204314	-0,002	0,309
CHR7	5203553	CHR7:5203553	SSF x LoA	-8,06550936	-0,001	0,300
CHR7	5203708	CHR7:5203708	SSF x LoA	-10,264229	-0,032	0,312
CHR7	5203821	CHR7:5203821	SSF x LoA	-11,1822651	0,065	0,305
CHR7	5217324	CHR7:5217324	SSF x LoA	-9,52459482	-0,007	0,304
CHR7	5218188	CHR7:5218188	SSF x LoA	-11,1302791	-0,041	0,310
CHR7	5218346	CHR7:5218346	SSF x LoA	-10,1139969	-0,088	0,297
CHR7	5228771	CHR7:5228771	SSF x LoA	-8,60074135	-0,062	0,305
CHR7	5228837	CHR7:5228837	SSF x LoA	-9,93430763	0,117	0,305
CHR7	5229057	CHR7:5229057	SSF x LoA	-7,30868179	0,047	0,304
CHR7	5229060	CHR7:5229060	SSF x LoA	-9,87222905	0,057	0,313
CHR7	5229144	CHR7:5229144	SSF x LoA	-10,0959446	0,033	0,307
CHR7	5233334	CHR7:5233334	SSF x LoA	-10,1861627	-0,034	0,313
CHR7	5233344	CHR7:5233344	SSF x LoA	-9,65661882	-0,055	0,325
CHR7	5233353	CHR7:5233353	SSF x LoA	-9,51052213	-0,133	0,311
CHR7	5243029	CHR7:5243029	SSF x LoA	-9,91458807	-0,005	0,314
CHR7	5243236	CHR7:5243236	SSF x LoA	-9,22478287	-0,069	0,292
CHR7	5243347	CHR7:5243347	SSF x LoA	-10,3500157	-0,043	0,306
CHR7	5243357	CHR7:5243357	SSF x LoA	-6,88438483	-0,021	0,307
CHR7	5249393	CHR7:5249393	SSF x LoA	-8,05161583	0,039	0,313
CHR7	5249533	CHR7:5249533	SSF x LoA	-6,97106589	-0,154	0,306
CHR7	5249534	CHR7:5249534	SSF x LoA	-4,91361687	-0,148	0,328
CHR7	5249553	CHR7:5249553	SSF x LoA	-9,54387584	-0,026	0,310
CHR7	5251435	CHR7:5251435	SSF x LoA	-10,9441165	0,096	0,310
CHR7	5251509	CHR7:5251509	SSF x LoA	-11,5296353	0,039	0,295
CHR7	5251536	CHR7:5251536	SSF x LoA	-6,36643722	-0,004	0,305
CHR7	5262243	CHR7:5262243	SSF x LoA	-9,44883178	-0,101	0,299
CHR7	5269313	CHR7:5269313	SSF x LoA	-8,61613352	-0,040	0,300
CHR7	5269344	CHR7:5269344	SSF x LoA	-10,6424288	0,096	0,294
CHR7	5269345	CHR7:5269345	SSF x LoA	-7,43094763	-0,234	0,289
CHR7	527002	CHR7:527002	SSF x LoA	-7,80270801	-0,112	0,312

CHR7	527028	CHR7:527028	SSF x LoA	-9,62948138	0,104	0,289
CHR7	527031	CHR7:527031	SSF x LoA	-10,048805	-0,027	0,312
CHR7	5270460	CHR7:5270460	SSF x LoA	-10,4339869	0,117	0,295
CHR7	5270576	CHR7:5270576	SSF x LoA	-8,24807421	-0,101	0,304
CHR7	5270679	CHR7:5270679	SSF x LoA	-7,67486684	-0,015	0,312
CHR7	5270723	CHR7:5270723	SSF x LoA	-9,11876495	0,039	0,310
CHR7	527074	CHR7:527074	SSF x LoA	-7,95448381	-0,044	0,300
CHR7	527187	CHR7:527187	SSF x LoA	-9,93232084	0,003	0,296
CHR7	5273491	CHR7:5273491	SSF x LoA	-8,33556584	0,069	0,305
CHR7	5275388	CHR7:5275388	SSF x LoA	-7,07121179	-0,001	0,311
CHR7	5282111	CHR7:5282111	SSF x LoA	-5,97992174	-0,044	0,309
CHR7	5282193	CHR7:5282193	SSF x LoA	-10,164868	-0,069	0,321
CHR7	5282279	CHR7:5282279	SSF x LoA	-6,73844195	-0,179	0,306
CHR7	5286130	CHR7:5286130	SSF x LoA	-10,9414412	0,112	0,303
CHR7	5286220	CHR7:5286220	SSF x LoA	-5,77430585	0,058	0,317
CHR7	5286308	CHR7:5286308	SSF x LoA	-10,5361327	-0,004	0,313
CHR7	5291615	CHR7:5291615	SSF x LoA	-3,23234996	-0,024	0,307
CHR7	5307746	CHR7:5307746	SSF x LoA	-7,66019781	-0,006	0,328
CHR7	5307812	CHR7:5307812	SSF x LoA	-10,0939387	-0,009	0,304
CHR7	5307851	CHR7:5307851	SSF x LoA	-6,92366658	-0,177	0,300
CHR7	5321681	CHR7:5321681	SSF x LoA	-8,60299679	-0,089	0,295
CHR7	5321703	CHR7:5321703	SSF x LoA	-11,8888523	0,122	0,288
CHR7	5321734	CHR7:5321734	SSF x LoA	-9,83206683	-0,057	0,292
CHR7	5321755	CHR7:5321755	SSF x LoA	-10,6485814	0,038	0,302
CHR7	5321767	CHR7:5321767	SSF x LoA	-8,83315417	-0,085	0,298
CHR7	5321769	CHR7:5321769	SSF x LoA	-8,42635941	-0,057	0,302
CHR7	5331764	CHR7:5331764	SSF x LoA	-9,80872994	0,072	0,312
CHR7	5331785	CHR7:5331785	SSF x LoA	-8,94442861	0,078	0,306
CHR7	5331836	CHR7:5331836	SSF x LoA	-7,93492295	0,141	0,299
CHR7	5337135	CHR7:5337135	SSF x LoA	-10,5449556	-0,065	0,297
CHR7	5337306	CHR7:5337306	SSF x LoA	-9,77585436	0,001	0,312
CHR7	5337339	CHR7:5337339	SSF x LoA	-7,47282409	0,134	0,295
CHR7	5337351	CHR7:5337351	SSF x LoA	-7,7016133	0,096	0,302
CHR7	5338843	CHR7:5338843	SSF x LoA	-12,2563689	0,118	0,293
CHR7	5343154	CHR7:5343154	SSF x LoA	-10,811981	0,048	0,297
CHR7	5359142	CHR7:5359142	SSF x LoA	-9,46964442	0,119	0,306
CHR7	5359229	CHR7:5359229	SSF x LoA	-7,05100764	0,016	0,312
CHR7	5359251	CHR7:5359251	SSF x LoA	-9,75229373	0,045	0,318
CHR7	5363248	CHR7:5363248	SSF x LoA	-9,4195329	0,036	0,298
CHR7	5381737	CHR7:5381737	SSF x LoA	-8,03562113	-0,130	0,300
CHR7	5381770	CHR7:5381770	SSF x LoA	-10,0924683	0,094	0,317
CHR7	5381807	CHR7:5381807	SSF x LoA	-6,53860684	0,078	0,317
CHR7	538402	CHR7:538402	SSF x LoA	-11,4497718	-0,059	0,300
CHR7	538448	CHR7:538448	SSF x LoA	-7,91234977	-0,045	0,316
CHR7	5387613	CHR7:5387613	SSF x LoA	-10,2500472	-0,008	0,306
CHR7	5387648	CHR7:5387648	SSF x LoA	-10,3529719	0,014	0,311
CHR7	5394602	CHR7:5394602	SSF x LoA	-9,67770752	-0,014	0,308
CHR7	5394705	CHR7:5394705	SSF x LoA	-10,4583606	-0,009	0,317
CHR7	5396518	CHR7:5396518	SSF x LoA	-10,8764665	0,045	0,306
CHR7	5396524	CHR7:5396524	SSF x LoA	-8,65293232	0,004	0,321
CHR7	5396851	CHR7:5396851	SSF x LoA	-7,08118969	-0,039	0,293
CHR7	5396896	CHR7:5396896	SSF x LoA	-8,30342194	0,078	0,323
CHR7	5396917	CHR7:5396917	SSF x LoA	-7,53279986	0,137	0,295

CHR7	5396964	CHR7:5396964	SSF x LoA	-8,13850833	-0,051	0,307
CHR7	5398017	CHR7:5398017	SSF x LoA	-7,52219365	0,173	0,321
CHR7	5398302	CHR7:5398302	SSF x LoA	-10,3596436	-0,005	0,298
CHR7	5398308	CHR7:5398308	SSF x LoA	-8,83134652	-0,024	0,311
CHR7	5398321	CHR7:5398321	SSF x LoA	-9,45583433	-0,109	0,298
CHR7	5398352	CHR7:5398352	SSF x LoA	-9,07053737	0,020	0,295
CHR7	5398357	CHR7:5398357	SSF x LoA	-8,55979924	0,113	0,318
CHR7	5398394	CHR7:5398394	SSF x LoA	-10,9486058	0,053	0,317
CHR7	5402250	CHR7:5402250	SSF x LoA	-8,48565768	-0,122	0,305
CHR7	5402261	CHR7:5402261	SSF x LoA	-8,82256601	0,020	0,313
CHR7	5402655	CHR7:5402655	SSF x LoA	-8,58385478	0,116	0,297
CHR7	5402657	CHR7:5402657	SSF x LoA	-8,91384178	-0,058	0,312
CHR7	5402686	CHR7:5402686	SSF x LoA	-5,79732868	0,155	0,291
CHR7	5403803	CHR7:5403803	SSF x LoA	-8,40493284	0,019	0,317
CHR7	5406977	CHR7:5406977	SSF x LoA	-9,35121059	-0,016	0,310
CHR7	5406983	CHR7:5406983	SSF x LoA	-7,48613903	0,042	0,311
CHR7	5406988	CHR7:5406988	SSF x LoA	-9,2160012	0,022	0,299
CHR7	5406999	CHR7:5406999	SSF x LoA	-8,34608785	0,026	0,315
CHR7	5407009	CHR7:5407009	SSF x LoA	-10,3489654	0,041	0,302
CHR7	5407016	CHR7:5407016	SSF x LoA	-10,8942704	0,047	0,312
CHR7	5407110	CHR7:5407110	SSF x LoA	-7,7527451	0,091	0,314
CHR7	5407137	CHR7:5407137	SSF x LoA	-9,90425287	0,005	0,306
CHR7	5407154	CHR7:5407154	SSF x LoA	-10,3384802	0,001	0,308
CHR7	5407209	CHR7:5407209	SSF x LoA	-10,678543	0,034	0,319
CHR7	5408886	CHR7:5408886	SSF x LoA	-10,8334203	-0,036	0,323
CHR7	5408966	CHR7:5408966	SSF x LoA	-9,92692282	-0,067	0,315
CHR7	5409117	CHR7:5409117	SSF x LoA	-9,82477801	0,031	0,305
CHR7	5410577	CHR7:5410577	SSF x LoA	-9,30315563	-0,118	0,327
CHR7	5410587	CHR7:5410587	SSF x LoA	-10,1628584	0,016	0,314
CHR7	5410656	CHR7:5410656	SSF x LoA	-7,25520193	-0,140	0,284
CHR7	5410693	CHR7:5410693	SSF x LoA	-7,00990694	-0,052	0,308
CHR7	5410713	CHR7:5410713	SSF x LoA	-8,5089003	-0,077	0,304
CHR7	5410767	CHR7:5410767	SSF x LoA	-6,83255888	-0,065	0,300
CHR7	5410817	CHR7:5410817	SSF x LoA	2,80049258	0,143	0,302
CHR7	5426496	CHR7:5426496	SSF x LoA	-8,61297791	-0,049	0,312
CHR7	5426507	CHR7:5426507	SSF x LoA	-8,39678859	0,198	0,293
CHR7	5426519	CHR7:5426519	SSF x LoA	-10,5175324	-0,037	0,322
CHR7	5426577	CHR7:5426577	SSF x LoA	-8,55447272	0,009	0,302
CHR7	5426641	CHR7:5426641	SSF x LoA	-8,5523367	-0,117	0,316
CHR7	5426668	CHR7:5426668	SSF x LoA	-7,64356786	-0,036	0,319
CHR7	5426695	CHR7:5426695	SSF x LoA	-8,68978958	-0,046	0,310
CHR7	5427904	CHR7:5427904	SSF x LoA	-9,03792866	-0,011	0,310
CHR7	5427905	CHR7:5427905	SSF x LoA	-12,0557329	0,046	0,292
CHR7	5427965	CHR7:5427965	SSF x LoA	-8,77816177	-0,005	0,301
CHR7	5427970	CHR7:5427970	SSF x LoA	-7,49515628	0,122	0,304
CHR7	5427971	CHR7:5427971	SSF x LoA	-7,02570929	0,012	0,309
CHR7	5427973	CHR7:5427973	SSF x LoA	-7,78938538	-0,019	0,308
CHR7	5427981	CHR7:5427981	SSF x LoA	-9,05102545	-0,047	0,313
CHR7	5428014	CHR7:5428014	SSF x LoA	-7,19561278	-0,193	0,309
CHR7	5429571	CHR7:5429571	SSF x LoA	-10,5383323	-0,057	0,290
CHR7	5429647	CHR7:5429647	SSF x LoA	-7,77198632	-0,017	0,309
CHR7	5429650	CHR7:5429650	SSF x LoA	-7,98539796	0,071	0,312
CHR7	5429651	CHR7:5429651	SSF x LoA	-6,03697574	-0,172	0,291

CHR7	5429697	CHR7:5429697	SSF x LoA	-9,20419672	-0,008	0,314
CHR7	543208	CHR7:543208	SSF x LoA	-11,6306262	-0,009	0,298
CHR7	543357	CHR7:543357	SSF x LoA	-9,25682168	-0,105	0,308
CHR7	543404	CHR7:543404	SSF x LoA	-9,21624474	-0,097	0,308
CHR7	5441741	CHR7:5441741	SSF x LoA	-9,39126069	0,005	0,295
CHR7	544898	CHR7:544898	SSF x LoA	-7,31998507	0,153	0,307
CHR7	544918	CHR7:544918	SSF x LoA	-9,35325607	0,047	0,316
CHR7	544964	CHR7:544964	SSF x LoA	-2,34766771	0,163	0,306
CHR7	544986	CHR7:544986	SSF x LoA	-8,67523836	0,088	0,300
CHR7	545052	CHR7:545052	SSF x LoA	-9,70556146	-0,078	0,311
CHR7	5455651	CHR7:5455651	SSF x LoA	-8,54528408	-0,046	0,307
CHR7	5455693	CHR7:5455693	SSF x LoA	-7,7286871	-0,138	0,307
CHR7	5455710	CHR7:5455710	SSF x LoA	-10,2912999	-0,032	0,320
CHR7	5455741	CHR7:5455741	SSF x LoA	-9,35755422	0,015	0,320
CHR7	5455783	CHR7:5455783	SSF x LoA	-3,08213209	0,111	0,297
CHR7	5472176	CHR7:5472176	SSF x LoA	-8,61716287	0,071	0,316
CHR7	5472209	CHR7:5472209	SSF x LoA	-8,37950809	0,062	0,305
CHR7	5480655	CHR7:5480655	SSF x LoA	-4,47148087	0,099	0,305
CHR7	5495459	CHR7:5495459	SSF x LoA	-5,04577155	-0,142	0,292
CHR7	5495669	CHR7:5495669	SSF x LoA	-10,6356778	-0,043	0,322
CHR7	5496666	CHR7:5496666	SSF x LoA	-8,75085617	-0,017	0,312
CHR7	5496813	CHR7:5496813	SSF x LoA	-6,04252727	-0,026	0,321
CHR7	5515083	CHR7:5515083	SSF x LoA	-7,58488751	-0,001	0,318
CHR7	5522009	CHR7:5522009	SSF x LoA	-8,19725412	0,108	0,289
CHR7	5522059	CHR7:5522059	SSF x LoA	-6,58201251	0,108	0,296
CHR7	5525947	CHR7:5525947	SSF x LoA	-10,4838054	-0,013	0,302
CHR7	5525960	CHR7:5525960	SSF x LoA	-9,74889783	0,074	0,308
CHR7	5526010	CHR7:5526010	SSF x LoA	-8,08760609	-0,058	0,306
CHR7	553371	CHR7:553371	SSF x LoA	-11,5824766	-0,057	0,311
CHR7	553393	CHR7:553393	SSF x LoA	-9,47177163	0,053	0,316
CHR7	553418	CHR7:553418	SSF x LoA	-10,5369807	-0,082	0,293
CHR7	5534193	CHR7:5534193	SSF x LoA	-10,3343644	-0,059	0,303
CHR7	553422	CHR7:553422	SSF x LoA	-7,99217719	-0,047	0,311
CHR7	5534278	CHR7:5534278	SSF x LoA	-10,1990915	-0,109	0,298
CHR7	553468	CHR7:553468	SSF x LoA	-2,03871161	0,174	0,290
CHR7	5546130	CHR7:5546130	SSF x LoA	-9,45852698	-0,068	0,309
CHR7	5546313	CHR7:5546313	SSF x LoA	-9,88149253	0,147	0,299
CHR7	5565947	CHR7:5565947	SSF x LoA	-10,8130133	0,035	0,319
CHR7	5566019	CHR7:5566019	SSF x LoA	-8,31595311	-0,135	0,297
CHR7	5566061	CHR7:5566061	SSF x LoA	-10,593586	0,000	0,323
CHR7	5567165	CHR7:5567165	SSF x LoA	-8,69277586	-0,081	0,308
CHR7	5567373	CHR7:5567373	SSF x LoA	-7,57825255	0,123	0,305
CHR7	5578194	CHR7:5578194	SSF x LoA	-11,09798	-0,112	0,296
CHR7	5585354	CHR7:5585354	SSF x LoA	-9,55610617	-0,145	0,305
CHR7	5585423	CHR7:5585423	SSF x LoA	-10,0595746	-0,055	0,301
CHR7	5585478	CHR7:5585478	SSF x LoA	-10,0649276	-0,138	0,307
CHR7	5585562	CHR7:5585562	SSF x LoA	-9,12173083	-0,007	0,296
CHR7	5585571	CHR7:5585571	SSF x LoA	-10,1805545	-0,111	0,298
CHR7	5585612	CHR7:5585612	SSF x LoA	-10,0625105	0,002	0,281
CHR7	5595604	CHR7:5595604	SSF x LoA	-8,77001455	-0,016	0,289
CHR7	5595607	CHR7:5595607	SSF x LoA	-8,89779781	-0,150	0,288
CHR7	5595646	CHR7:5595646	SSF x LoA	-10,2242485	-0,057	0,307
CHR7	5595713	CHR7:5595713	SSF x LoA	-5,8640673	0,073	0,318

CHR7	5595718	CHR7:5595718	SSF x LoA	-7,99070285	0,084	0,305
CHR7	5595732	CHR7:5595732	SSF x LoA	-9,27586212	0,021	0,307
CHR7	5595741	CHR7:5595741	SSF x LoA	-11,2763104	-0,111	0,295
CHR7	5595798	CHR7:5595798	SSF x LoA	-7,12778211	0,160	0,295
CHR7	560136	CHR7:560136	SSF x LoA	-10,2885583	-0,054	0,308
CHR7	5602412	CHR7:5602412	SSF x LoA	-11,1052535	0,038	0,309
CHR7	5602500	CHR7:5602500	SSF x LoA	-10,7804238	0,053	0,305
CHR7	5602510	CHR7:5602510	SSF x LoA	-4,35309512	-0,168	0,297
CHR7	563621	CHR7:563621	SSF x LoA	-12,1010461	0,015	0,313
CHR7	563774	CHR7:563774	SSF x LoA	-9,94536154	-0,054	0,300
CHR7	5640801	CHR7:5640801	SSF x LoA	-11,3788396	-0,030	0,308
CHR7	5640838	CHR7:5640838	SSF x LoA	-9,79259073	0,000	0,307
CHR7	5656487	CHR7:5656487	SSF x LoA	-9,6599712	0,015	0,298
CHR7	5678406	CHR7:5678406	SSF x LoA	-8,63925706	0,014	0,307
CHR7	56873	CHR7:56873	SSF x LoA	-4,38556803	0,147	0,302
CHR7	5689135	CHR7:5689135	SSF x LoA	-9,26890339	0,103	0,308
CHR7	5689240	CHR7:5689240	SSF x LoA	-8,71818125	-0,097	0,292
CHR7	5689254	CHR7:5689254	SSF x LoA	-10,126304	-0,072	0,307
CHR7	5689307	CHR7:5689307	SSF x LoA	-10,2705199	0,058	0,308
CHR7	5692023	CHR7:5692023	SSF x LoA	-9,18504272	0,028	0,296
CHR7	5694041	CHR7:5694041	SSF x LoA	-11,3092834	-0,052	0,291
CHR7	5701009	CHR7:5701009	SSF x LoA	-9,05693617	-0,001	0,313
CHR7	5701049	CHR7:5701049	SSF x LoA	-9,44673226	-0,044	0,318
CHR7	5701067	CHR7:5701067	SSF x LoA	-7,78767309	-0,051	0,310
CHR7	5701490	CHR7:5701490	SSF x LoA	-9,88682889	0,150	0,301
CHR7	5710852	CHR7:5710852	SSF x LoA	-10,0858026	0,027	0,299
CHR7	5710937	CHR7:5710937	SSF x LoA	-6,10551691	0,045	0,302
CHR7	5711097	CHR7:5711097	SSF x LoA	-10,4824594	-0,036	0,308
CHR7	5728921	CHR7:5728921	SSF x LoA	-7,9999209	-0,087	0,313
CHR7	5729011	CHR7:5729011	SSF x LoA	-9,82863285	0,085	0,303
CHR7	5729036	CHR7:5729036	SSF x LoA	-10,6702246	-0,027	0,311
CHR7	5729040	CHR7:5729040	SSF x LoA	-11,0939849	-0,040	0,299
CHR7	5736088	CHR7:5736088	SSF x LoA	-10,6540934	0,009	0,303
CHR7	5736104	CHR7:5736104	SSF x LoA	-7,52595434	-0,007	0,306
CHR7	5736118	CHR7:5736118	SSF x LoA	-10,5940095	0,029	0,315
CHR7	5745511	CHR7:5745511	SSF x LoA	-10,2411974	0,003	0,328
CHR7	5751475	CHR7:5751475	SSF x LoA	-9,39903253	-0,018	0,308
CHR7	5751546	CHR7:5751546	SSF x LoA	-10,602338	0,014	0,300
CHR7	5759081	CHR7:5759081	SSF x LoA	-5,1577481	0,167	0,291
CHR7	5759196	CHR7:5759196	SSF x LoA	-9,40371017	-0,076	0,316
CHR7	5759253	CHR7:5759253	SSF x LoA	1,00010345	0,015	0,305
CHR7	5768455	CHR7:5768455	SSF x LoA	-8,08659176	-0,165	0,286
CHR7	5768470	CHR7:5768470	SSF x LoA	-7,53614344	-0,144	0,299
CHR7	5768494	CHR7:5768494	SSF x LoA	-7,04144939	-0,127	0,299
CHR7	5778587	CHR7:5778587	SSF x LoA	-9,0596354	0,109	0,287
CHR7	5785031	CHR7:5785031	SSF x LoA	-7,86859615	0,091	0,319
CHR7	5785054	CHR7:5785054	SSF x LoA	-9,17910252	0,096	0,299
CHR7	5785088	CHR7:5785088	SSF x LoA	-9,50375772	-0,035	0,291
CHR7	5785129	CHR7:5785129	SSF x LoA	-5,68361549	0,036	0,321
CHR7	5793020	CHR7:5793020	SSF x LoA	-8,25231899	-0,089	0,309
CHR7	5793037	CHR7:5793037	SSF x LoA	-8,83588428	-0,043	0,316
CHR7	5798923	CHR7:5798923	SSF x LoA	-7,78851908	-0,022	0,309
CHR7	5798957	CHR7:5798957	SSF x LoA	-8,79779713	0,087	0,306

CHR7	5798961	CHR7:5798961	SSF x LoA	-8,25577493	-0,046	0,314
CHR7	5798992	CHR7:5798992	SSF x LoA	-6,92827299	0,059	0,315
CHR7	5798993	CHR7:5798993	SSF x LoA	-10,6883478	0,106	0,314
CHR7	5801489	CHR7:5801489	SSF x LoA	-9,29448006	-0,061	0,299
CHR7	5801624	CHR7:5801624	SSF x LoA	-9,28379332	0,067	0,312
CHR7	5801682	CHR7:5801682	SSF x LoA	-9,11732994	0,028	0,314
CHR7	5820446	CHR7:5820446	SSF x LoA	-8,51442494	-0,159	0,318
CHR7	5826094	CHR7:5826094	SSF x LoA	-7,1555331	-0,144	0,290
CHR7	5826119	CHR7:5826119	SSF x LoA	-11,9262985	0,061	0,298
CHR7	5826151	CHR7:5826151	SSF x LoA	-6,17434539	-0,162	0,296
CHR7	5826182	CHR7:5826182	SSF x LoA	-4,88052909	-0,191	0,304
CHR7	5830676	CHR7:5830676	SSF x LoA	-9,88437224	-0,070	0,316
CHR7	5830708	CHR7:5830708	SSF x LoA	-11,6412039	0,062	0,299
CHR7	5830743	CHR7:5830743	SSF x LoA	-8,88834723	-0,009	0,319
CHR7	5830778	CHR7:5830778	SSF x LoA	-10,7264044	0,103	0,310
CHR7	5836163	CHR7:5836163	SSF x LoA	-10,9149948	-0,051	0,307
CHR7	5836167	CHR7:5836167	SSF x LoA	-10,4314069	-0,004	0,307
CHR7	5836257	CHR7:5836257	SSF x LoA	-9,01724095	0,026	0,305
CHR7	5836271	CHR7:5836271	SSF x LoA	-11,2430116	-0,032	0,298
CHR7	5836342	CHR7:5836342	SSF x LoA	-6,98006877	-0,107	0,316
CHR7	5846961	CHR7:5846961	SSF x LoA	-10,9045931	-0,040	0,311
CHR7	5846997	CHR7:5846997	SSF x LoA	-10,9557821	-0,056	0,296
CHR7	5847182	CHR7:5847182	SSF x LoA	-8,33225048	0,089	0,312
CHR7	5848375	CHR7:5848375	SSF x LoA	-11,0870151	-0,020	0,310
CHR7	5848379	CHR7:5848379	SSF x LoA	-10,2545989	0,023	0,309
CHR7	5848386	CHR7:5848386	SSF x LoA	-9,38051439	0,059	0,290
CHR7	5848398	CHR7:5848398	SSF x LoA	-11,5578107	-0,029	0,289
CHR7	5853021	CHR7:5853021	SSF x LoA	-8,88234574	0,025	0,314
CHR7	5863280	CHR7:5863280	SSF x LoA	-8,82705201	0,009	0,320
CHR7	5863299	CHR7:5863299	SSF x LoA	-10,2242647	-0,008	0,298
CHR7	5868623	CHR7:5868623	SSF x LoA	-5,21370221	0,118	0,320
CHR7	5869598	CHR7:5869598	SSF x LoA	-10,7017237	-0,010	0,313
CHR7	5869614	CHR7:5869614	SSF x LoA	-10,6419512	-0,018	0,305
CHR7	5870152	CHR7:5870152	SSF x LoA	-8,22637639	0,042	0,304
CHR7	5876658	CHR7:5876658	SSF x LoA	-11,3311578	0,017	0,300
CHR7	588700	CHR7:588700	SSF x LoA	-5,02836745	0,096	0,306
CHR7	588701	CHR7:588701	SSF x LoA	-7,69436499	0,082	0,305
CHR7	588718	CHR7:588718	SSF x LoA	-7,65300624	-0,146	0,295
CHR7	588732	CHR7:588732	SSF x LoA	-2,82602169	0,088	0,314
CHR7	5894759	CHR7:5894759	SSF x LoA	-10,0411469	-0,011	0,314
CHR7	5894781	CHR7:5894781	SSF x LoA	-9,80294553	0,054	0,302
CHR7	5894829	CHR7:5894829	SSF x LoA	-10,0647016	-0,035	0,315
CHR7	5906020	CHR7:5906020	SSF x LoA	-10,1819951	-0,072	0,303
CHR7	5906025	CHR7:5906025	SSF x LoA	-11,0274586	-0,004	0,300
CHR7	5906088	CHR7:5906088	SSF x LoA	-10,7620103	-0,069	0,304
CHR7	5906111	CHR7:5906111	SSF x LoA	-7,02879299	-0,007	0,306
CHR7	5914132	CHR7:5914132	SSF x LoA	-11,3684764	-0,024	0,298
CHR7	5914143	CHR7:5914143	SSF x LoA	-8,17524245	0,060	0,306
CHR7	5914173	CHR7:5914173	SSF x LoA	-7,79888228	0,088	0,297
CHR7	5916146	CHR7:5916146	SSF x LoA	-0,89371531	0,081	0,303
CHR7	5916165	CHR7:5916165	SSF x LoA	-5,50808867	-0,038	0,292
CHR7	5918046	CHR7:5918046	SSF x LoA	-6,43558014	0,071	0,300
CHR7	5918176	CHR7:5918176	SSF x LoA	-7,89960899	0,001	0,318

CHR7	5918177	CHR7:5918177	SSF x LoA	-8,72192569	-0,011	0,310
CHR7	5918183	CHR7:5918183	SSF x LoA	-10,8945953	-0,103	0,303
CHR7	5930310	CHR7:5930310	SSF x LoA	-10,1811881	-0,034	0,300
CHR7	5933214	CHR7:5933214	SSF x LoA	-11,1134782	0,031	0,312
CHR7	5933319	CHR7:5933319	SSF x LoA	-9,99590358	-0,058	0,308
CHR7	5939593	CHR7:5939593	SSF x LoA	-8,6705539	-0,121	0,302
CHR7	5939843	CHR7:5939843	SSF x LoA	-8,03709354	0,005	0,309
CHR7	5939847	CHR7:5939847	SSF x LoA	-6,47961325	-0,092	0,313
CHR7	5941540	CHR7:5941540	SSF x LoA	-7,49207825	0,158	0,291
CHR7	5941607	CHR7:5941607	SSF x LoA	-5,72687417	-0,166	0,301
CHR7	5941629	CHR7:5941629	SSF x LoA	-3,47634572	0,260	0,290
CHR7	5948630	CHR7:5948630	SSF x LoA	-8,38231358	-0,011	0,307
CHR7	5948732	CHR7:5948732	SSF x LoA	-4,54197264	0,022	0,314
CHR7	5948828	CHR7:5948828	SSF x LoA	-6,81998824	-0,094	0,312
CHR7	5948860	CHR7:5948860	SSF x LoA	-6,29769104	0,001	0,307
CHR7	5948861	CHR7:5948861	SSF x LoA	-7,55451674	0,018	0,314
CHR7	5950204	CHR7:5950204	SSF x LoA	-6,58514725	-0,102	0,311
CHR7	5960188	CHR7:5960188	SSF x LoA	-7,81422407	-0,023	0,308
CHR7	5969231	CHR7:5969231	SSF x LoA	-9,50295715	-0,039	0,298
CHR7	5969243	CHR7:5969243	SSF x LoA	-10,0547722	-0,012	0,309
CHR7	5969294	CHR7:5969294	SSF x LoA	-9,56263958	-0,006	0,315
CHR7	5976258	CHR7:5976258	SSF x LoA	-8,61141378	0,013	0,315
CHR7	5976498	CHR7:5976498	SSF x LoA	-7,00517676	-0,094	0,299
CHR7	5979561	CHR7:5979561	SSF x LoA	-9,02191736	-0,002	0,316
CHR7	5983513	CHR7:5983513	SSF x LoA	-0,80396401	-0,148	0,306
CHR7	5988277	CHR7:5988277	SSF x LoA	-9,03380201	-0,105	0,307
CHR7	5988304	CHR7:5988304	SSF x LoA	-9,5720472	0,016	0,304
CHR7	5988310	CHR7:5988310	SSF x LoA	-5,17719768	-0,106	0,315
CHR7	5988363	CHR7:5988363	SSF x LoA	-10,1579656	-0,027	0,313
CHR7	6004448	CHR7:6004448	SSF x LoA	-8,65848491	0,030	0,317
CHR7	6016153	CHR7:6016153	SSF x LoA	-10,7471666	0,037	0,321
CHR7	6016232	CHR7:6016232	SSF x LoA	-9,71510867	0,143	0,298
CHR7	6016235	CHR7:6016235	SSF x LoA	-10,4329153	-0,058	0,304
CHR7	6029774	CHR7:6029774	SSF x LoA	-7,22103093	0,127	0,298
CHR7	6029819	CHR7:6029819	SSF x LoA	-10,8322946	-0,081	0,306
CHR7	6034640	CHR7:6034640	SSF x LoA	-9,20129435	-0,038	0,314
CHR7	6054358	CHR7:6054358	SSF x LoA	-8,84187292	-0,066	0,313
CHR7	6054524	CHR7:6054524	SSF x LoA	-10,2592219	0,040	0,309
CHR7	606550	CHR7:606550	SSF x LoA	-11,1951227	0,040	0,298
CHR7	606588	CHR7:606588	SSF x LoA	-5,00673606	-0,173	0,296
CHR7	6070587	CHR7:6070587	SSF x LoA	-9,61062962	-0,022	0,300
CHR7	6070627	CHR7:6070627	SSF x LoA	-8,24329352	0,019	0,313
CHR7	6070632	CHR7:6070632	SSF x LoA	-9,51329759	-0,017	0,311
CHR7	6070635	CHR7:6070635	SSF x LoA	-9,92144319	0,113	0,314
CHR7	6070979	CHR7:6070979	SSF x LoA	-10,9176687	0,051	0,289
CHR7	6070991	CHR7:6070991	SSF x LoA	-8,86781184	0,092	0,305
CHR7	6070995	CHR7:6070995	SSF x LoA	-8,92289829	0,078	0,301
CHR7	6071001	CHR7:6071001	SSF x LoA	-8,74645214	0,107	0,315
CHR7	6073221	CHR7:6073221	SSF x LoA	-5,3312745	0,038	0,321
CHR7	607545	CHR7:607545	SSF x LoA	-7,3385487	-0,018	0,316
CHR7	6082451	CHR7:6082451	SSF x LoA	-10,828046	-0,030	0,309
CHR7	6082541	CHR7:6082541	SSF x LoA	-7,59561988	-0,041	0,315
CHR7	6084128	CHR7:6084128	SSF x LoA	-9,34262651	-0,128	0,300

CHR7	6084136	CHR7:6084136	SSF x LoA	-7,77405704	-0,039	0,310
CHR7	6084141	CHR7:6084141	SSF x LoA	-7,94050254	-0,123	0,301
CHR7	6084143	CHR7:6084143	SSF x LoA	-9,30759599	-0,111	0,299
CHR7	6084187	CHR7:6084187	SSF x LoA	-8,03026688	-0,086	0,307
CHR7	6087780	CHR7:6087780	SSF x LoA	-11,1697052	-0,047	0,294
CHR7	6087796	CHR7:6087796	SSF x LoA	-8,55870446	-0,046	0,324
CHR7	6087837	CHR7:6087837	SSF x LoA	-7,63276901	-0,035	0,306
CHR7	6088553	CHR7:6088553	SSF x LoA	-11,218105	0,083	0,302
CHR7	6088603	CHR7:6088603	SSF x LoA	-12,4549919	-0,004	0,304
CHR7	6093629	CHR7:6093629	SSF x LoA	-9,03081226	0,084	0,303
CHR7	6093672	CHR7:6093672	SSF x LoA	-6,05615675	-0,025	0,312
CHR7	6093682	CHR7:6093682	SSF x LoA	-11,343456	0,010	0,300
CHR7	6093859	CHR7:6093859	SSF x LoA	-8,05775139	0,024	0,296
CHR7	6097669	CHR7:6097669	SSF x LoA	-12,0580943	0,004	0,301
CHR7	6097742	CHR7:6097742	SSF x LoA	-2,78922501	-0,068	0,302
CHR7	6108459	CHR7:6108459	SSF x LoA	-9,06478899	0,035	0,322
CHR7	6108474	CHR7:6108474	SSF x LoA	-9,03564292	0,092	0,310
CHR7	6121199	CHR7:6121199	SSF x LoA	-9,49032724	0,100	0,306
CHR7	6123831	CHR7:6123831	SSF x LoA	-8,97872896	0,150	0,303
CHR7	6123873	CHR7:6123873	SSF x LoA	-6,44760629	0,055	0,305
CHR7	6123937	CHR7:6123937	SSF x LoA	-8,30559168	-0,096	0,310
CHR7	612527	CHR7:612527	SSF x LoA	-5,3931064	-0,096	0,306
CHR7	612618	CHR7:612618	SSF x LoA	-8,33516078	0,013	0,312
CHR7	612630	CHR7:612630	SSF x LoA	-7,46152035	0,020	0,317
CHR7	612695	CHR7:612695	SSF x LoA	-10,2295966	0,041	0,296
CHR7	6127393	CHR7:6127393	SSF x LoA	-10,121074	-0,069	0,299
CHR7	6139207	CHR7:6139207	SSF x LoA	-9,99422019	-0,114	0,306
CHR7	6139228	CHR7:6139228	SSF x LoA	-6,63423157	0,019	0,307
CHR7	6139233	CHR7:6139233	SSF x LoA	-10,7887986	-0,010	0,310
CHR7	6139279	CHR7:6139279	SSF x LoA	-9,81494977	-0,033	0,309
CHR7	6144786	CHR7:6144786	SSF x LoA	-5,13397273	-0,050	0,311
CHR7	6159586	CHR7:6159586	SSF x LoA	-7,74742863	-0,001	0,306
CHR7	6162934	CHR7:6162934	SSF x LoA	-6,9482973	-0,042	0,312
CHR7	6162998	CHR7:6162998	SSF x LoA	-10,2345818	0,013	0,313
CHR7	6174720	CHR7:6174720	SSF x LoA	-3,19475663	0,017	0,305
CHR7	6174782	CHR7:6174782	SSF x LoA	-10,893454	-0,082	0,295
CHR7	6183068	CHR7:6183068	SSF x LoA	-9,44684127	-0,046	0,308
CHR7	6186509	CHR7:6186509	SSF x LoA	-11,0132528	0,079	0,309
CHR7	6186522	CHR7:6186522	SSF x LoA	-11,4164514	-0,009	0,310
CHR7	6186535	CHR7:6186535	SSF x LoA	-8,22114402	-0,162	0,296
CHR7	6186582	CHR7:6186582	SSF x LoA	-8,39158363	0,093	0,297
CHR7	6186620	CHR7:6186620	SSF x LoA	-11,1192642	0,037	0,307
CHR7	6216005	CHR7:6216005	SSF x LoA	-10,5730373	-0,111	0,300
CHR7	6248704	CHR7:6248704	SSF x LoA	-10,9017999	-0,025	0,307
CHR7	6253975	CHR7:6253975	SSF x LoA	-10,7259124	-0,006	0,308
CHR7	6263665	CHR7:6263665	SSF x LoA	-11,1879217	-0,040	0,295
CHR7	6289143	CHR7:6289143	SSF x LoA	-10,2703607	-0,070	0,304
CHR7	6289234	CHR7:6289234	SSF x LoA	-10,3749648	0,052	0,312
CHR7	6310647	CHR7:6310647	SSF x LoA	-9,97174804	0,033	0,307
CHR7	6310671	CHR7:6310671	SSF x LoA	-9,15612386	-0,062	0,299
CHR7	6321557	CHR7:6321557	SSF x LoA	-11,2278556	-0,019	0,308
CHR7	6321619	CHR7:6321619	SSF x LoA	-9,02826234	-0,041	0,300
CHR7	6321647	CHR7:6321647	SSF x LoA	-7,35644142	0,047	0,301

CHR7	6326763	CHR7:6326763	SSF x LoA	-7,82827898	0,162	0,310
CHR7	6329121	CHR7:6329121	SSF x LoA	-11,074332	-0,018	0,300
CHR7	6329134	CHR7:6329134	SSF x LoA	-9,5752592	0,079	0,296
CHR7	6329247	CHR7:6329247	SSF x LoA	-8,08543536	0,020	0,313
CHR7	6333872	CHR7:6333872	SSF x LoA	-10,3564679	0,040	0,294
CHR7	6333923	CHR7:6333923	SSF x LoA	-9,27879171	-0,010	0,312
CHR7	6335412	CHR7:6335412	SSF x LoA	-11,2041296	0,006	0,302
CHR7	6335511	CHR7:6335511	SSF x LoA	-9,61015761	-0,006	0,310
CHR7	6335535	CHR7:6335535	SSF x LoA	-8,12198125	0,084	0,321
CHR7	6336431	CHR7:6336431	SSF x LoA	-9,56716319	-0,076	0,313
CHR7	6336464	CHR7:6336464	SSF x LoA	-5,77395948	-0,039	0,309
CHR7	6337002	CHR7:6337002	SSF x LoA	-11,1252308	-0,021	0,301
CHR7	6359057	CHR7:6359057	SSF x LoA	-9,61236014	0,026	0,306
CHR7	6359085	CHR7:6359085	SSF x LoA	-10,0009186	0,004	0,311
CHR7	6359164	CHR7:6359164	SSF x LoA	-10,0641033	-0,041	0,299
CHR7	6367355	CHR7:6367355	SSF x LoA	-10,2630433	-0,078	0,304
CHR7	6367359	CHR7:6367359	SSF x LoA	-9,13921614	-0,038	0,308
CHR7	6372548	CHR7:6372548	SSF x LoA	-6,01391518	0,103	0,300
CHR7	6380473	CHR7:6380473	SSF x LoA	-8,23941163	0,066	0,315
CHR7	6380486	CHR7:6380486	SSF x LoA	-9,82368626	-0,109	0,311
CHR7	6380544	CHR7:6380544	SSF x LoA	-8,20049054	0,025	0,314
CHR7	6380562	CHR7:6380562	SSF x LoA	-8,53644442	-0,102	0,296
CHR7	6380586	CHR7:6380586	SSF x LoA	-9,09044742	0,015	0,306
CHR7	6389487	CHR7:6389487	SSF x LoA	-12,0962339	-0,045	0,298
CHR7	6390554	CHR7:6390554	SSF x LoA	-5,36960345	0,182	0,294
CHR7	6399271	CHR7:6399271	SSF x LoA	-10,3575934	-0,083	0,315
CHR7	6399323	CHR7:6399323	SSF x LoA	-10,8248193	-0,025	0,304
CHR7	6409056	CHR7:6409056	SSF x LoA	-9,94636815	-0,071	0,310
CHR7	6409075	CHR7:6409075	SSF x LoA	-5,33015549	-0,072	0,302
CHR7	6409111	CHR7:6409111	SSF x LoA	-5,60800719	0,125	0,313
CHR7	6409115	CHR7:6409115	SSF x LoA	-6,96555411	0,125	0,303
CHR7	6411974	CHR7:6411974	SSF x LoA	-10,8290394	0,036	0,316
CHR7	6411980	CHR7:6411980	SSF x LoA	-8,16668887	0,130	0,283
CHR7	6411981	CHR7:6411981	SSF x LoA	-10,4004	0,063	0,305
CHR7	6412021	CHR7:6412021	SSF x LoA	-8,71636787	-0,026	0,326
CHR7	6415207	CHR7:6415207	SSF x LoA	-9,71943249	0,013	0,322
CHR7	6415284	CHR7:6415284	SSF x LoA	-9,49497335	-0,113	0,312
CHR7	6415311	CHR7:6415311	SSF x LoA	-8,84580954	-0,044	0,310
CHR7	6418585	CHR7:6418585	SSF x LoA	-7,86190487	0,102	0,323
CHR7	6418632	CHR7:6418632	SSF x LoA	-2,07628752	0,115	0,304
CHR7	6418691	CHR7:6418691	SSF x LoA	-10,2512394	0,038	0,315
CHR7	6420683	CHR7:6420683	SSF x LoA	-7,35250559	-0,139	0,298
CHR7	6423460	CHR7:6423460	SSF x LoA	-8,18849766	0,079	0,318
CHR7	6425610	CHR7:6425610	SSF x LoA	-6,51146824	-0,105	0,316
CHR7	6426506	CHR7:6426506	SSF x LoA	-6,40578892	-0,144	0,311
CHR7	6427670	CHR7:6427670	SSF x LoA	-9,11851436	0,022	0,305
CHR7	6427730	CHR7:6427730	SSF x LoA	-8,38485957	0,010	0,326
CHR7	6427769	CHR7:6427769	SSF x LoA	-8,83194897	0,064	0,309
CHR7	6427835	CHR7:6427835	SSF x LoA	-10,2555277	0,062	0,321
CHR7	6430994	CHR7:6430994	SSF x LoA	-9,18491941	0,027	0,305
CHR7	6431186	CHR7:6431186	SSF x LoA	-8,01679664	-0,133	0,307
CHR7	6433151	CHR7:6433151	SSF x LoA	-9,32646481	0,042	0,314
CHR7	6434082	CHR7:6434082	SSF x LoA	-7,79369963	-0,002	0,316

CHR7	6438638	CHR7:6438638	SSF x LoA	-10,3812977	0,036	0,303
CHR7	6438641	CHR7:6438641	SSF x LoA	-9,7057558	-0,008	0,302
CHR7	6438684	CHR7:6438684	SSF x LoA	-9,17637608	0,075	0,293
CHR7	6451631	CHR7:6451631	SSF x LoA	-8,6363907	0,036	0,311
CHR7	6451637	CHR7:6451637	SSF x LoA	-11,8535442	-0,052	0,301
CHR7	6451645	CHR7:6451645	SSF x LoA	-9,62511036	0,110	0,300
CHR7	6451660	CHR7:6451660	SSF x LoA	-11,1605191	-0,037	0,302
CHR7	6451751	CHR7:6451751	SSF x LoA	-9,32631417	0,106	0,298
CHR7	6451769	CHR7:6451769	SSF x LoA	-6,23600222	-0,028	0,300
CHR7	6451770	CHR7:6451770	SSF x LoA	-8,52001569	-0,050	0,299
CHR7	6451876	CHR7:6451876	SSF x LoA	-8,55272272	0,060	0,295
CHR7	6489538	CHR7:6489538	SSF x LoA	-10,0755263	-0,016	0,311
CHR7	6491912	CHR7:6491912	SSF x LoA	-2,26608294	0,163	0,288
CHR7	650474	CHR7:650474	SSF x LoA	-12,0892753	0,025	0,313
CHR7	6505457	CHR7:6505457	SSF x LoA	-7,67532588	0,209	0,285
CHR7	6505648	CHR7:6505648	SSF x LoA	-7,96206532	-0,091	0,302
CHR7	6505690	CHR7:6505690	SSF x LoA	-9,65272525	-0,085	0,310
CHR7	650744	CHR7:650744	SSF x LoA	-9,76705151	-0,082	0,298
CHR7	650775	CHR7:650775	SSF x LoA	-9,20205229	0,036	0,308
CHR7	650782	CHR7:650782	SSF x LoA	-8,24699817	0,058	0,317
CHR7	650785	CHR7:650785	SSF x LoA	-7,75990481	0,050	0,305
CHR7	650790	CHR7:650790	SSF x LoA	-5,78341159	0,033	0,308
CHR7	6510589	CHR7:6510589	SSF x LoA	-10,4491471	-0,081	0,293
CHR7	651991	CHR7:651991	SSF x LoA	-2,04683243	0,094	0,315
CHR7	652252	CHR7:652252	SSF x LoA	-11,9572754	0,040	0,291
CHR7	6531412	CHR7:6531412	SSF x LoA	-10,1340651	-0,022	0,318
CHR7	6531523	CHR7:6531523	SSF x LoA	-8,94339552	-0,037	0,310
CHR7	6531524	CHR7:6531524	SSF x LoA	-9,02418121	-0,034	0,312
CHR7	6537743	CHR7:6537743	SSF x LoA	-11,2321533	0,024	0,322
CHR7	6537859	CHR7:6537859	SSF x LoA	-11,1739881	-0,023	0,305
CHR7	6537933	CHR7:6537933	SSF x LoA	-11,2399754	0,035	0,307
CHR7	6537937	CHR7:6537937	SSF x LoA	-8,95532752	0,077	0,309
CHR7	653921	CHR7:653921	SSF x LoA	-10,8404989	-0,047	0,316
CHR7	6552518	CHR7:6552518	SSF x LoA	-8,03179285	0,015	0,306
CHR7	6552528	CHR7:6552528	SSF x LoA	-8,87055897	0,017	0,294
CHR7	658215	CHR7:658215	SSF x LoA	-8,40130316	-0,061	0,313
CHR7	658217	CHR7:658217	SSF x LoA	-8,5036139	-0,047	0,314
CHR7	658307	CHR7:658307	SSF x LoA	-4,68068652	-0,089	0,306
CHR7	6590368	CHR7:6590368	SSF x LoA	-5,77721455	0,208	0,290
CHR7	6590460	CHR7:6590460	SSF x LoA	-0,53297433	0,244	0,302
CHR7	6590483	CHR7:6590483	SSF x LoA	-11,3348617	0,010	0,306
CHR7	6615679	CHR7:6615679	SSF x LoA	-10,5171223	-0,057	0,308
CHR7	6615700	CHR7:6615700	SSF x LoA	-6,29989958	-0,024	0,294
CHR7	6616274	CHR7:6616274	SSF x LoA	-11,3506213	-0,010	0,315
CHR7	6626271	CHR7:6626271	SSF x LoA	-9,33303803	0,092	0,308
CHR7	6626376	CHR7:6626376	SSF x LoA	-8,62185558	0,079	0,307
CHR7	6626384	CHR7:6626384	SSF x LoA	-8,50402936	0,029	0,304
CHR7	6626432	CHR7:6626432	SSF x LoA	-2,47311612	0,201	0,282
CHR7	6626433	CHR7:6626433	SSF x LoA	-8,2837102	-0,134	0,310
CHR7	6626470	CHR7:6626470	SSF x LoA	-8,29313064	0,107	0,302
CHR7	6633903	CHR7:6633903	SSF x LoA	-11,2429191	0,046	0,310
CHR7	6633946	CHR7:6633946	SSF x LoA	-9,08143865	-0,099	0,294
CHR7	6634012	CHR7:6634012	SSF x LoA	-9,19150137	-0,134	0,299

CHR7	6647399	CHR7:6647399	SSF x LoA	-10,9948252	0,000	0,312
CHR7	66560	CHR7:66560	SSF x LoA	-8,15279425	0,040	0,322
CHR7	6656645	CHR7:6656645	SSF x LoA	-5,85350567	0,127	0,317
CHR7	6656675	CHR7:6656675	SSF x LoA	-7,86262045	-0,007	0,305
CHR7	6658948	CHR7:6658948	SSF x LoA	-6,35767048	-0,166	0,299
CHR7	6659052	CHR7:6659052	SSF x LoA	-10,5038103	0,033	0,321
CHR7	6659153	CHR7:6659153	SSF x LoA	-11,3580011	-0,020	0,312
CHR7	6659156	CHR7:6659156	SSF x LoA	-11,2541724	0,102	0,297
CHR7	6659182	CHR7:6659182	SSF x LoA	-10,5016056	0,005	0,300
CHR7	666381	CHR7:666381	SSF x LoA	-12,145647	-0,014	0,297
CHR7	666435	CHR7:666435	SSF x LoA	-8,1955833	0,017	0,311
CHR7	6679853	CHR7:6679853	SSF x LoA	-7,97130267	0,010	0,315
CHR7	6679859	CHR7:6679859	SSF x LoA	-10,7209948	-0,059	0,301
CHR7	6679898	CHR7:6679898	SSF x LoA	-8,60252512	-0,072	0,320
CHR7	6679914	CHR7:6679914	SSF x LoA	-12,3373408	0,056	0,301
CHR7	6680026	CHR7:6680026	SSF x LoA	-10,7701691	-0,008	0,304
CHR7	6682882	CHR7:6682882	SSF x LoA	-8,46683678	-0,130	0,287
CHR7	6682910	CHR7:6682910	SSF x LoA	-9,66210016	-0,036	0,304
CHR7	6682939	CHR7:6682939	SSF x LoA	-9,38967374	-0,089	0,304
CHR7	6700048	CHR7:6700048	SSF x LoA	-4,91283604	-0,214	0,284
CHR7	6700075	CHR7:6700075	SSF x LoA	-10,2959318	0,144	0,295
CHR7	6700245	CHR7:6700245	SSF x LoA	-11,0660348	-0,006	0,314
CHR7	6705935	CHR7:6705935	SSF x LoA	-10,2953295	-0,119	0,293
CHR7	6705988	CHR7:6705988	SSF x LoA	-11,1647089	0,041	0,307
CHR7	6706017	CHR7:6706017	SSF x LoA	-10,6029717	0,087	0,316
CHR7	6706170	CHR7:6706170	SSF x LoA	-7,93321562	0,044	0,324
CHR7	6714919	CHR7:6714919	SSF x LoA	-10,0127911	-0,113	0,308
CHR7	6714970	CHR7:6714970	SSF x LoA	-7,45666	-0,104	0,298
CHR7	6715001	CHR7:6715001	SSF x LoA	-10,7001427	0,098	0,291
CHR7	6715005	CHR7:6715005	SSF x LoA	-6,934014	0,120	0,298
CHR7	675008	CHR7:675008	SSF x LoA	-9,64355948	0,019	0,316
CHR7	675319	CHR7:675319	SSF x LoA	-8,99589007	-0,074	0,296
CHR7	6753410	CHR7:6753410	SSF x LoA	-10,2054636	0,012	0,311
CHR7	6770160	CHR7:6770160	SSF x LoA	-10,635334	-0,010	0,301
CHR7	6777267	CHR7:6777267	SSF x LoA	-8,03400525	0,090	0,326
CHR7	6777275	CHR7:6777275	SSF x LoA	-9,09395459	-0,051	0,298
CHR7	6777289	CHR7:6777289	SSF x LoA	-9,86710549	0,123	0,295
CHR7	6777297	CHR7:6777297	SSF x LoA	-10,4719703	-0,104	0,302
CHR7	6777340	CHR7:6777340	SSF x LoA	-11,230464	-0,053	0,303
CHR7	6777358	CHR7:6777358	SSF x LoA	-8,11627446	0,081	0,306
CHR7	6777416	CHR7:6777416	SSF x LoA	-10,7959537	-0,105	0,298
CHR7	6799748	CHR7:6799748	SSF x LoA	-7,75984842	0,022	0,312
CHR7	6799753	CHR7:6799753	SSF x LoA	-8,42642767	-0,012	0,303
CHR7	6799767	CHR7:6799767	SSF x LoA	-8,76948728	0,001	0,311
CHR7	6809463	CHR7:6809463	SSF x LoA	-9,75451659	-0,012	0,299
CHR7	6809612	CHR7:6809612	SSF x LoA	-1,41969051	-0,091	0,313
CHR7	6809640	CHR7:6809640	SSF x LoA	-11,0716711	0,002	0,319
CHR7	6809641	CHR7:6809641	SSF x LoA	-10,6404694	0,014	0,303
CHR7	6809662	CHR7:6809662	SSF x LoA	-6,12443441	0,126	0,319
CHR7	6809682	CHR7:6809682	SSF x LoA	-4,128642	0,173	0,292
CHR7	6835461	CHR7:6835461	SSF x LoA	-10,8000259	0,012	0,298
CHR7	6835545	CHR7:6835545	SSF x LoA	-10,1598229	0,001	0,292
CHR7	6835551	CHR7:6835551	SSF x LoA	-9,53476215	0,030	0,308

CHR7	6839122	CHR7:6839122	SSF x LoA	-9,16387357	-0,026	0,316
CHR7	6839129	CHR7:6839129	SSF x LoA	-10,6219352	-0,003	0,297
CHR7	6839315	CHR7:6839315	SSF x LoA	-6,8416742	-0,022	0,320
CHR7	6839316	CHR7:6839316	SSF x LoA	-8,58974383	-0,044	0,317
CHR7	6844046	CHR7:6844046	SSF x LoA	0,42599465	-0,087	0,304
CHR7	6844338	CHR7:6844338	SSF x LoA	-8,69989732	0,038	0,322
CHR7	6844344	CHR7:6844344	SSF x LoA	-10,9603699	-0,012	0,317
CHR7	6844352	CHR7:6844352	SSF x LoA	-8,92861726	0,071	0,295
CHR7	6844378	CHR7:6844378	SSF x LoA	-10,7261704	-0,003	0,308
CHR7	684915	CHR7:684915	SSF x LoA	-11,3822114	-0,048	0,306
CHR7	684956	CHR7:684956	SSF x LoA	-9,4538697	0,007	0,302
CHR7	685010	CHR7:685010	SSF x LoA	-10,1200568	-0,124	0,288
CHR7	685039	CHR7:685039	SSF x LoA	-9,43840679	-0,057	0,310
CHR7	685114	CHR7:685114	SSF x LoA	-11,3118994	-0,040	0,316
CHR7	685125	CHR7:685125	SSF x LoA	-7,85048239	0,055	0,295
CHR7	6862143	CHR7:6862143	SSF x LoA	-7,95075425	0,067	0,316
CHR7	6862155	CHR7:6862155	SSF x LoA	-9,36174863	-0,022	0,309
CHR7	6862158	CHR7:6862158	SSF x LoA	-8,69521785	-0,048	0,300
CHR7	6862170	CHR7:6862170	SSF x LoA	-8,09789327	-0,046	0,313
CHR7	6862177	CHR7:6862177	SSF x LoA	-7,31198305	0,132	0,298
CHR7	6868645	CHR7:6868645	SSF x LoA	-11,6261356	-0,019	0,305
CHR7	6870044	CHR7:6870044	SSF x LoA	-9,68153349	0,006	0,312
CHR7	6870265	CHR7:6870265	SSF x LoA	-9,99817953	-0,057	0,301
CHR7	6870275	CHR7:6870275	SSF x LoA	-8,25417289	0,030	0,292
CHR7	6873736	CHR7:6873736	SSF x LoA	-2,69624232	0,120	0,311
CHR7	6873749	CHR7:6873749	SSF x LoA	-7,94366953	-0,065	0,312
CHR7	6873765	CHR7:6873765	SSF x LoA	-7,05556659	0,027	0,314
CHR7	6873788	CHR7:6873788	SSF x LoA	-10,5019676	-0,061	0,312
CHR7	6873791	CHR7:6873791	SSF x LoA	-11,0676769	0,068	0,314
CHR7	6873795	CHR7:6873795	SSF x LoA	-9,0181826	0,092	0,295
CHR7	6873796	CHR7:6873796	SSF x LoA	-8,04635088	0,137	0,295
CHR7	6873806	CHR7:6873806	SSF x LoA	-9,54588211	0,025	0,308
CHR7	6873884	CHR7:6873884	SSF x LoA	-9,47319093	-0,042	0,312
CHR7	6873886	CHR7:6873886	SSF x LoA	-7,86959196	-0,053	0,304
CHR7	6873936	CHR7:6873936	SSF x LoA	-9,55971733	-0,001	0,304
CHR7	6876623	CHR7:6876623	SSF x LoA	-11,976305	0,023	0,294
CHR7	6876626	CHR7:6876626	SSF x LoA	-9,57915175	0,061	0,293
CHR7	6876738	CHR7:6876738	SSF x LoA	-7,04864162	0,178	0,299
CHR7	6876743	CHR7:6876743	SSF x LoA	-10,7620371	0,025	0,307
CHR7	6877372	CHR7:6877372	SSF x LoA	-8,8664554	0,063	0,301
CHR7	6877412	CHR7:6877412	SSF x LoA	-10,9399912	-0,026	0,299
CHR7	6877414	CHR7:6877414	SSF x LoA	-10,4611904	0,011	0,300
CHR7	689030	CHR7:689030	SSF x LoA	-10,2845406	-0,041	0,304
CHR7	6901130	CHR7:6901130	SSF x LoA	-7,81188448	0,116	0,306
CHR7	6901267	CHR7:6901267	SSF x LoA	-5,72130876	0,141	0,305
CHR7	6901274	CHR7:6901274	SSF x LoA	-6,98507445	0,010	0,294
CHR7	690356	CHR7:690356	SSF x LoA	-9,54591601	0,049	0,296
CHR7	690377	CHR7:690377	SSF x LoA	-7,58686428	-0,104	0,322
CHR7	6904633	CHR7:6904633	SSF x LoA	-8,94986578	0,049	0,292
CHR7	6904918	CHR7:6904918	SSF x LoA	-9,40453823	-0,053	0,308
CHR7	6904925	CHR7:6904925	SSF x LoA	-8,42289332	-0,071	0,309
CHR7	6910827	CHR7:6910827	SSF x LoA	-7,65105584	0,088	0,308
CHR7	6910854	CHR7:6910854	SSF x LoA	-11,2660711	-0,025	0,292

CHR7	6910869	CHR7:6910869	SSF x LoA	-8,89245397	-0,098	0,315
CHR7	6910968	CHR7:6910968	SSF x LoA	-9,05106392	-0,044	0,289
CHR7	6911012	CHR7:6911012	SSF x LoA	-7,91671093	0,013	0,320
CHR7	6914481	CHR7:6914481	SSF x LoA	-12,1083133	0,033	0,294
CHR7	691978	CHR7:691978	SSF x LoA	-9,49896301	0,008	0,311
CHR7	693783	CHR7:693783	SSF x LoA	-10,9016696	0,067	0,295
CHR7	693975	CHR7:693975	SSF x LoA	-12,2709977	-0,002	0,305
CHR7	694016	CHR7:694016	SSF x LoA	-11,8570885	0,013	0,309
CHR7	6941601	CHR7:6941601	SSF x LoA	-8,91931844	0,081	0,296
CHR7	6941602	CHR7:6941602	SSF x LoA	-6,81194364	0,044	0,297
CHR7	6941674	CHR7:6941674	SSF x LoA	-9,32057282	0,170	0,301
CHR7	6941846	CHR7:6941846	SSF x LoA	-9,26637388	-0,082	0,300
CHR7	6949472	CHR7:6949472	SSF x LoA	-5,92707112	0,065	0,311
CHR7	6963864	CHR7:6963864	SSF x LoA	-8,8798243	-0,121	0,295
CHR7	6963877	CHR7:6963877	SSF x LoA	-10,8887014	-0,032	0,312
CHR7	6963878	CHR7:6963878	SSF x LoA	-11,2510436	-0,065	0,308
CHR7	6963882	CHR7:6963882	SSF x LoA	-10,5329421	-0,049	0,314
CHR7	6963884	CHR7:6963884	SSF x LoA	-11,6919619	-0,043	0,306
CHR7	6963907	CHR7:6963907	SSF x LoA	-10,0258881	0,063	0,288
CHR7	6963926	CHR7:6963926	SSF x LoA	-8,92229017	-0,037	0,307
CHR7	6963937	CHR7:6963937	SSF x LoA	-8,46974531	-0,054	0,309
CHR7	6963945	CHR7:6963945	SSF x LoA	-8,99434721	-0,118	0,293
CHR7	6963946	CHR7:6963946	SSF x LoA	-7,32187927	0,081	0,310
CHR7	6963994	CHR7:6963994	SSF x LoA	-9,30752204	-0,023	0,309
CHR7	6963995	CHR7:6963995	SSF x LoA	-10,653584	-0,022	0,312
CHR7	6964076	CHR7:6964076	SSF x LoA	-7,42968847	0,016	0,300
CHR7	6968295	CHR7:6968295	SSF x LoA	-8,99942168	0,049	0,309
CHR7	6968297	CHR7:6968297	SSF x LoA	-11,3306266	-0,081	0,312
CHR7	6968350	CHR7:6968350	SSF x LoA	-10,3945196	-0,004	0,303
CHR7	6968360	CHR7:6968360	SSF x LoA	-9,83158881	-0,004	0,303
CHR7	6968361	CHR7:6968361	SSF x LoA	-8,82166498	0,015	0,298
CHR7	697733	CHR7:697733	SSF x LoA	-9,04747945	0,033	0,310
CHR7	697835	CHR7:697835	SSF x LoA	-6,21441452	-0,074	0,294
CHR7	6979761	CHR7:6979761	SSF x LoA	-10,4636131	0,004	0,303
CHR7	6982025	CHR7:6982025	SSF x LoA	-9,38427807	-0,114	0,303
CHR7	6991650	CHR7:6991650	SSF x LoA	-11,3127722	-0,024	0,317
CHR7	7002402	CHR7:7002402	SSF x LoA	-10,324369	0,066	0,299
CHR7	7002403	CHR7:7002403	SSF x LoA	-11,2599539	0,035	0,294
CHR7	7002495	CHR7:7002495	SSF x LoA	-10,4819222	-0,017	0,315
CHR7	7002576	CHR7:7002576	SSF x LoA	-5,34824049	-0,231	0,304
CHR7	7005553	CHR7:7005553	SSF x LoA	-9,34976971	0,067	0,312
CHR7	7005570	CHR7:7005570	SSF x LoA	-11,4220039	-0,015	0,303
CHR7	7005604	CHR7:7005604	SSF x LoA	-9,22143819	0,121	0,312
CHR7	7006644	CHR7:7006644	SSF x LoA	-10,7565102	0,097	0,309
CHR7	7006667	CHR7:7006667	SSF x LoA	-8,05675814	0,059	0,308
CHR7	7006678	CHR7:7006678	SSF x LoA	-5,00336749	0,092	0,289
CHR7	7006688	CHR7:7006688	SSF x LoA	2,55339818	-0,089	0,309
CHR7	7006693	CHR7:7006693	SSF x LoA	-8,01540158	-0,051	0,303
CHR7	7006698	CHR7:7006698	SSF x LoA	-7,91512378	-0,103	0,303
CHR7	7006707	CHR7:7006707	SSF x LoA	-9,77318752	0,055	0,299
CHR7	7006716	CHR7:7006716	SSF x LoA	-9,22637429	-0,098	0,293
CHR7	7006717	CHR7:7006717	SSF x LoA	-9,90058411	-0,022	0,298
CHR7	7016492	CHR7:7016492	SSF x LoA	-11,8165232	-0,088	0,305

CHR7	7016526	CHR7:7016526	SSF x LoA	-10,3521295	0,014	0,293
CHR7	7016600	CHR7:7016600	SSF x LoA	-9,62901151	0,064	0,314
CHR7	7016610	CHR7:7016610	SSF x LoA	-9,62397314	-0,004	0,310
CHR7	7016616	CHR7:7016616	SSF x LoA	-9,02204864	0,027	0,304
CHR7	7016628	CHR7:7016628	SSF x LoA	-6,18756118	0,001	0,323
CHR7	7016715	CHR7:7016715	SSF x LoA	-8,8993241	-0,027	0,319
CHR7	7016767	CHR7:7016767	SSF x LoA	-8,31597061	-0,016	0,306
CHR7	7021979	CHR7:7021979	SSF x LoA	-7,61372976	0,042	0,299
CHR7	7022310	CHR7:7022310	SSF x LoA	-7,84858299	0,092	0,300
CHR7	7032764	CHR7:7032764	SSF x LoA	-9,67870782	-0,058	0,321
CHR7	7032909	CHR7:7032909	SSF x LoA	-9,34018299	-0,045	0,314
CHR7	703546	CHR7:703546	SSF x LoA	-11,0311023	-0,024	0,312
CHR7	7042155	CHR7:7042155	SSF x LoA	-10,7309941	0,101	0,312
CHR7	7075592	CHR7:7075592	SSF x LoA	-9,17218021	0,074	0,316
CHR7	7078307	CHR7:7078307	SSF x LoA	-7,73575155	0,062	0,306
CHR7	7084941	CHR7:7084941	SSF x LoA	-9,08936984	0,142	0,315
CHR7	7094828	CHR7:7094828	SSF x LoA	-7,01101083	0,140	0,303
CHR7	7094893	CHR7:7094893	SSF x LoA	-10,0050685	0,074	0,305
CHR7	7094963	CHR7:7094963	SSF x LoA	-7,83559495	-0,139	0,304
CHR7	7094977	CHR7:7094977	SSF x LoA	-8,47406902	0,128	0,287
CHR7	7095050	CHR7:7095050	SSF x LoA	-11,6715783	0,003	0,297
CHR7	7099092	CHR7:7099092	SSF x LoA	-6,2854802	-0,088	0,301
CHR7	7099121	CHR7:7099121	SSF x LoA	-7,95029442	-0,066	0,322
CHR7	7099148	CHR7:7099148	SSF x LoA	-6,30491861	0,070	0,309
CHR7	7099154	CHR7:7099154	SSF x LoA	-9,03436866	0,059	0,314
CHR7	7099204	CHR7:7099204	SSF x LoA	-8,38918808	0,051	0,299
CHR7	7099212	CHR7:7099212	SSF x LoA	-0,48569718	-0,102	0,313
CHR7	7099233	CHR7:7099233	SSF x LoA	-9,95652788	0,069	0,298
CHR7	7099273	CHR7:7099273	SSF x LoA	-10,6815295	0,095	0,307
CHR7	7102380	CHR7:7102380	SSF x LoA	-7,8897132	0,110	0,324
CHR7	7104542	CHR7:7104542	SSF x LoA	-9,74398844	-0,014	0,302
CHR7	7120694	CHR7:7120694	SSF x LoA	-9,23785131	0,036	0,312
CHR7	713296	CHR7:713296	SSF x LoA	-9,17929809	-0,076	0,306
CHR7	713355	CHR7:713355	SSF x LoA	-10,4413464	-0,032	0,304
CHR7	7134431	CHR7:7134431	SSF x LoA	-8,40696783	-0,063	0,298
CHR7	7134500	CHR7:7134500	SSF x LoA	-9,31569938	-0,095	0,299
CHR7	7134527	CHR7:7134527	SSF x LoA	-7,74318112	-0,078	0,292
CHR7	7161893	CHR7:7161893	SSF x LoA	-8,1444284	0,079	0,296
CHR7	7168046	CHR7:7168046	SSF x LoA	-7,12318533	-0,025	0,325
CHR7	7175432	CHR7:7175432	SSF x LoA	-11,6561211	0,042	0,309
CHR7	7184479	CHR7:7184479	SSF x LoA	-7,86991132	-0,147	0,298
CHR7	7184527	CHR7:7184527	SSF x LoA	-9,27724388	-0,049	0,296
CHR7	7184532	CHR7:7184532	SSF x LoA	-9,65910343	-0,042	0,309
CHR7	7209600	CHR7:7209600	SSF x LoA	-6,68063624	-0,002	0,321
CHR7	7209661	CHR7:7209661	SSF x LoA	-9,72488694	-0,017	0,292
CHR7	7209682	CHR7:7209682	SSF x LoA	-9,0869873	0,006	0,321
CHR7	7211732	CHR7:7211732	SSF x LoA	-9,70313671	-0,013	0,307
CHR7	7211736	CHR7:7211736	SSF x LoA	-10,1912128	-0,015	0,306
CHR7	7211947	CHR7:7211947	SSF x LoA	-10,9418092	0,030	0,303
CHR7	7217622	CHR7:7217622	SSF x LoA	-4,95542875	-0,075	0,312
CHR7	7228130	CHR7:7228130	SSF x LoA	-10,6506536	-0,020	0,305
CHR7	7231058	CHR7:7231058	SSF x LoA	-7,59753497	0,153	0,298
CHR7	7292947	CHR7:7292947	SSF x LoA	-10,5504609	-0,010	0,306

CHR7	7292985	CHR7:7292985	SSF x LoA	-10,0947936	-0,140	0,297
CHR7	7354686	CHR7:7354686	SSF x LoA	-7,74336899	-0,034	0,314
CHR7	7354710	CHR7:7354710	SSF x LoA	-10,6477554	-0,075	0,301
CHR7	7354720	CHR7:7354720	SSF x LoA	-11,2833142	-0,019	0,294
CHR7	7354725	CHR7:7354725	SSF x LoA	-11,1855426	-0,029	0,300
CHR7	735538	CHR7:735538	SSF x LoA	-10,1369646	0,064	0,300
CHR7	7360355	CHR7:7360355	SSF x LoA	1,09681594	0,100	0,303
CHR7	7360367	CHR7:7360367	SSF x LoA	-9,10304781	-0,080	0,290
CHR7	7371231	CHR7:7371231	SSF x LoA	-10,6511045	-0,066	0,318
CHR7	7371382	CHR7:7371382	SSF x LoA	-10,2447508	0,049	0,305
CHR7	7372385	CHR7:7372385	SSF x LoA	-9,81878248	0,030	0,317
CHR7	7372423	CHR7:7372423	SSF x LoA	-10,4710646	0,013	0,303
CHR7	7372430	CHR7:7372430	SSF x LoA	-11,2981095	-0,002	0,303
CHR7	7390737	CHR7:7390737	SSF x LoA	-9,12178692	-0,077	0,306
CHR7	7390810	CHR7:7390810	SSF x LoA	-11,1293939	0,060	0,311
CHR7	7400912	CHR7:7400912	SSF x LoA	-10,7886763	0,068	0,305
CHR7	7402490	CHR7:7402490	SSF x LoA	-10,6885746	0,048	0,304
CHR7	7402578	CHR7:7402578	SSF x LoA	-7,20227064	0,107	0,313
CHR7	7402582	CHR7:7402582	SSF x LoA	-7,1938155	0,101	0,309
CHR7	7402601	CHR7:7402601	SSF x LoA	-6,4721981	-0,134	0,317
CHR7	7402622	CHR7:7402622	SSF x LoA	-10,1139021	-0,061	0,302
CHR7	740330	CHR7:740330	SSF x LoA	-10,8177385	-0,103	0,305
CHR7	740386	CHR7:740386	SSF x LoA	-9,28101666	0,015	0,310
CHR7	740525	CHR7:740525	SSF x LoA	-7,51530881	-0,031	0,326
CHR7	740559	CHR7:740559	SSF x LoA	-8,95474548	-0,023	0,311
CHR7	7421500	CHR7:7421500	SSF x LoA	-8,64204787	0,060	0,304
CHR7	7421515	CHR7:7421515	SSF x LoA	-8,37298204	0,070	0,304
CHR7	7421692	CHR7:7421692	SSF x LoA	-8,89456291	-0,034	0,313
CHR7	7438263	CHR7:7438263	SSF x LoA	-9,64379526	0,009	0,295
CHR7	7441131	CHR7:7441131	SSF x LoA	-7,19330746	0,084	0,315
CHR7	7460818	CHR7:7460818	SSF x LoA	-9,29431834	-0,020	0,312
CHR7	7460848	CHR7:7460848	SSF x LoA	-9,51739631	0,072	0,313
CHR7	7486799	CHR7:7486799	SSF x LoA	-5,83821909	-0,024	0,300
CHR7	7497222	CHR7:7497222	SSF x LoA	-6,49717882	0,008	0,289
CHR7	751043	CHR7:751043	SSF x LoA	-9,99494872	0,084	0,301
CHR7	751251	CHR7:751251	SSF x LoA	-11,4672038	-0,010	0,315
CHR7	7521057	CHR7:7521057	SSF x LoA	-8,67222451	0,054	0,314
CHR7	7524444	CHR7:7524444	SSF x LoA	-8,73539038	0,134	0,308
CHR7	7524582	CHR7:7524582	SSF x LoA	-10,1574119	0,048	0,288
CHR7	7527740	CHR7:7527740	SSF x LoA	-8,67225021	-0,023	0,289
CHR7	7554469	CHR7:7554469	SSF x LoA	-6,70071455	-0,157	0,295
CHR7	7556398	CHR7:7556398	SSF x LoA	-8,26876474	0,003	0,297
CHR7	7556422	CHR7:7556422	SSF x LoA	-9,67964631	0,025	0,299
CHR7	7557630	CHR7:7557630	SSF x LoA	-9,17470085	0,067	0,301
CHR7	7557658	CHR7:7557658	SSF x LoA	-8,47631458	-0,013	0,305
CHR7	7561317	CHR7:7561317	SSF x LoA	-7,50583851	-0,070	0,303
CHR7	7568249	CHR7:7568249	SSF x LoA	-10,488893	-0,041	0,321
CHR7	7576303	CHR7:7576303	SSF x LoA	-6,98380695	0,003	0,311
CHR7	7576337	CHR7:7576337	SSF x LoA	-9,22054297	0,059	0,316
CHR7	7576372	CHR7:7576372	SSF x LoA	-8,4355078	-0,008	0,304
CHR7	7576473	CHR7:7576473	SSF x LoA	-6,89678964	-0,053	0,320
CHR7	7576477	CHR7:7576477	SSF x LoA	-9,77428331	0,072	0,291
CHR7	7576498	CHR7:7576498	SSF x LoA	-7,37914329	-0,095	0,299

CHR7	7576520	CHR7:7576520	SSF x LoA	-7,33179523	-0,016	0,299
CHR7	7576532	CHR7:7576532	SSF x LoA	-6,80870289	-0,025	0,296
CHR7	7576594	CHR7:7576594	SSF x LoA	-9,0788512	0,009	0,299
CHR7	759486	CHR7:759486	SSF x LoA	-7,4972157	-0,133	0,306
CHR7	7595245	CHR7:7595245	SSF x LoA	-9,073471	0,135	0,301
CHR7	7595283	CHR7:7595283	SSF x LoA	-11,062155	-0,024	0,309
CHR7	7595320	CHR7:7595320	SSF x LoA	-8,60220596	0,084	0,312
CHR7	7595325	CHR7:7595325	SSF x LoA	-10,0626726	0,077	0,295
CHR7	7595462	CHR7:7595462	SSF x LoA	-10,8351493	0,109	0,308
CHR7	7615812	CHR7:7615812	SSF x LoA	-8,40780538	0,115	0,305
CHR7	7615828	CHR7:7615828	SSF x LoA	-5,0423035	0,146	0,313
CHR7	7615851	CHR7:7615851	SSF x LoA	-10,68538	0,043	0,316
CHR7	7615859	CHR7:7615859	SSF x LoA	-8,46191997	-0,023	0,308
CHR7	7615869	CHR7:7615869	SSF x LoA	-9,4940448	-0,047	0,301
CHR7	7615942	CHR7:7615942	SSF x LoA	-11,2931212	0,015	0,305
CHR7	7615993	CHR7:7615993	SSF x LoA	-9,30496308	0,128	0,286
CHR7	7621250	CHR7:7621250	SSF x LoA	-8,17296487	0,062	0,312
CHR7	7633833	CHR7:7633833	SSF x LoA	-5,91155244	0,070	0,306
CHR7	7639293	CHR7:7639293	SSF x LoA	-8,99181065	0,050	0,321
CHR7	7646002	CHR7:7646002	SSF x LoA	-10,6955498	0,048	0,293
CHR7	7646003	CHR7:7646003	SSF x LoA	-9,85506659	0,009	0,299
CHR7	7646114	CHR7:7646114	SSF x LoA	-10,7578861	0,064	0,311
CHR7	7646117	CHR7:7646117	SSF x LoA	-9,19003992	-0,016	0,323
CHR7	7646142	CHR7:7646142	SSF x LoA	-8,8683262	-0,092	0,313
CHR7	7646167	CHR7:7646167	SSF x LoA	-8,90713252	0,072	0,302
CHR7	7646175	CHR7:7646175	SSF x LoA	-10,4161522	0,028	0,300
CHR7	7646229	CHR7:7646229	SSF x LoA	-6,73013137	-0,005	0,305
CHR7	7651166	CHR7:7651166	SSF x LoA	-8,7601915	-0,150	0,311
CHR7	7651219	CHR7:7651219	SSF x LoA	-7,5456374	0,000	0,296
CHR7	7652557	CHR7:7652557	SSF x LoA	-8,69943772	-0,054	0,309
CHR7	7652571	CHR7:7652571	SSF x LoA	-10,9617823	-0,055	0,312
CHR7	7652711	CHR7:7652711	SSF x LoA	-9,5600296	-0,104	0,312
CHR7	7652714	CHR7:7652714	SSF x LoA	-9,75629093	0,090	0,302
CHR7	7652723	CHR7:7652723	SSF x LoA	-11,6680439	0,019	0,304
CHR7	7661938	CHR7:7661938	SSF x LoA	-9,32304443	-0,064	0,305
CHR7	7661965	CHR7:7661965	SSF x LoA	-1,05653543	0,163	0,306
CHR7	7661980	CHR7:7661980	SSF x LoA	-6,78871873	-0,125	0,303
CHR7	7665276	CHR7:7665276	SSF x LoA	-11,3522378	0,028	0,307
CHR7	7665278	CHR7:7665278	SSF x LoA	-9,73061743	-0,086	0,290
CHR7	7665339	CHR7:7665339	SSF x LoA	-9,31618044	-0,037	0,308
CHR7	7665353	CHR7:7665353	SSF x LoA	-2,37985129	0,072	0,309
CHR7	7665403	CHR7:7665403	SSF x LoA	-11,2501328	-0,010	0,316
CHR7	7665426	CHR7:7665426	SSF x LoA	-9,60631878	-0,005	0,308
CHR7	7665427	CHR7:7665427	SSF x LoA	-11,8005002	-0,027	0,317
CHR7	7684963	CHR7:7684963	SSF x LoA	-6,77420001	0,116	0,311
CHR7	7690573	CHR7:7690573	SSF x LoA	-6,52839063	0,142	0,288
CHR7	7690700	CHR7:7690700	SSF x LoA	-5,18513707	-0,162	0,297
CHR7	769077	CHR7:769077	SSF x LoA	-9,038629	0,017	0,312
CHR7	7690816	CHR7:7690816	SSF x LoA	-11,3751586	-0,115	0,301
CHR7	7706855	CHR7:7706855	SSF x LoA	-9,99090387	-0,049	0,299
CHR7	7706942	CHR7:7706942	SSF x LoA	-9,85457664	-0,082	0,301
CHR7	7706995	CHR7:7706995	SSF x LoA	-12,242591	0,052	0,298
CHR7	7707016	CHR7:7707016	SSF x LoA	-9,73690877	0,022	0,303

CHR7	771094	CHR7:771094	SSF x LoA	-8,969703	0,087	0,300
CHR7	771217	CHR7:771217	SSF x LoA	-10,2833815	0,002	0,302
CHR7	7713273	CHR7:7713273	SSF x LoA	-7,34886892	0,158	0,311
CHR7	7713290	CHR7:7713290	SSF x LoA	-8,83120417	0,083	0,305
CHR7	7713332	CHR7:7713332	SSF x LoA	-8,83102921	0,024	0,310
CHR7	7713351	CHR7:7713351	SSF x LoA	-7,65886587	-0,110	0,305
CHR7	7729373	CHR7:7729373	SSF x LoA	-10,9292159	0,012	0,297
CHR7	7729392	CHR7:7729392	SSF x LoA	-10,0036919	0,054	0,302
CHR7	7730753	CHR7:7730753	SSF x LoA	-3,97976139	-0,061	0,312
CHR7	7730765	CHR7:7730765	SSF x LoA	-11,3890584	0,020	0,309
CHR7	7730802	CHR7:7730802	SSF x LoA	-11,1418101	0,020	0,310
CHR7	7730813	CHR7:7730813	SSF x LoA	-9,43533809	-0,079	0,306
CHR7	7730818	CHR7:7730818	SSF x LoA	-10,2100735	0,077	0,294
CHR7	7740511	CHR7:7740511	SSF x LoA	-10,0686971	0,003	0,295
CHR7	7740523	CHR7:7740523	SSF x LoA	-6,57163907	-0,157	0,289
CHR7	7740571	CHR7:7740571	SSF x LoA	-9,5594812	-0,001	0,302
CHR7	7740593	CHR7:7740593	SSF x LoA	-6,97933065	-0,024	0,306
CHR7	7740622	CHR7:7740622	SSF x LoA	-11,8190702	0,005	0,303
CHR7	7740673	CHR7:7740673	SSF x LoA	-7,21222023	-0,007	0,309
CHR7	7740764	CHR7:7740764	SSF x LoA	-10,5772512	0,068	0,309
CHR7	774964	CHR7:774964	SSF x LoA	-6,6417634	0,003	0,310
CHR7	775000	CHR7:775000	SSF x LoA	-10,9515784	-0,019	0,300
CHR7	775193	CHR7:775193	SSF x LoA	-8,34694152	-0,122	0,301
CHR7	7755253	CHR7:7755253	SSF x LoA	-11,1944696	-0,018	0,301
CHR7	7755411	CHR7:7755411	SSF x LoA	-9,26503915	0,061	0,305
CHR7	7755504	CHR7:7755504	SSF x LoA	-6,06968608	-0,097	0,300
CHR7	7755505	CHR7:7755505	SSF x LoA	-10,6636844	-0,083	0,290
CHR7	7758062	CHR7:7758062	SSF x LoA	-8,07714225	0,157	0,313
CHR7	7758201	CHR7:7758201	SSF x LoA	-8,26636502	0,024	0,318
CHR7	7763389	CHR7:7763389	SSF x LoA	-11,5415592	0,000	0,312
CHR7	7771728	CHR7:7771728	SSF x LoA	-9,04431894	-0,085	0,314
CHR7	7771752	CHR7:7771752	SSF x LoA	-8,81661402	-0,081	0,321
CHR7	7775676	CHR7:7775676	SSF x LoA	-11,1375778	0,086	0,307
CHR7	7775709	CHR7:7775709	SSF x LoA	-7,69741864	-0,073	0,317
CHR7	7775719	CHR7:7775719	SSF x LoA	-11,144166	0,040	0,298
CHR7	7775905	CHR7:7775905	SSF x LoA	-11,539797	0,042	0,322
CHR7	7775946	CHR7:7775946	SSF x LoA	-7,03671209	0,087	0,292
CHR7	7786422	CHR7:7786422	SSF x LoA	-7,90481579	-0,022	0,314
CHR7	7788326	CHR7:7788326	SSF x LoA	14,90029	-0,350	0,272
CHR7	7788333	CHR7:7788333	SSF x LoA	-10,1776277	-0,073	0,302
CHR7	7788335	CHR7:7788335	SSF x LoA	-7,55658288	-0,039	0,306
CHR7	7797938	CHR7:7797938	SSF x LoA	-5,47414805	0,109	0,296
CHR7	7797988	CHR7:7797988	SSF x LoA	-9,69634708	-0,039	0,299
CHR7	7805465	CHR7:7805465	SSF x LoA	-8,44358357	-0,145	0,303
CHR7	78060	CHR7:78060	SSF x LoA	-9,80482008	-0,051	0,325
CHR7	7812538	CHR7:7812538	SSF x LoA	-8,50205146	0,102	0,316
CHR7	7812592	CHR7:7812592	SSF x LoA	-9,79759801	0,065	0,318
CHR7	7834417	CHR7:7834417	SSF x LoA	-9,17104405	0,011	0,300
CHR7	7834489	CHR7:7834489	SSF x LoA	-8,57088159	0,197	0,300
CHR7	7834525	CHR7:7834525	SSF x LoA	-7,78195778	0,109	0,315
CHR7	7834552	CHR7:7834552	SSF x LoA	-8,47353331	0,044	0,310
CHR7	7839864	CHR7:7839864	SSF x LoA	-10,3627444	0,001	0,318
CHR7	7839921	CHR7:7839921	SSF x LoA	-12,1343148	-0,010	0,303

CHR7	7839947	CHR7:7839947	SSF x LoA	-7,21631537	-0,059	0,314
CHR7	7839965	CHR7:7839965	SSF x LoA	1,01104181	0,043	0,316
CHR7	784432	CHR7:784432	SSF x LoA	-5,02545263	0,006	0,299
CHR7	784506	CHR7:784506	SSF x LoA	-6,77541377	0,031	0,298
CHR7	784529	CHR7:784529	SSF x LoA	-9,86099638	-0,082	0,314
CHR7	784548	CHR7:784548	SSF x LoA	-8,37161589	0,038	0,296
CHR7	784604	CHR7:784604	SSF x LoA	-10,8460794	0,054	0,315
CHR7	7848010	CHR7:7848010	SSF x LoA	-6,78916054	0,077	0,307
CHR7	7848111	CHR7:7848111	SSF x LoA	-9,26751873	0,054	0,301
CHR7	7848144	CHR7:7848144	SSF x LoA	-10,6318852	-0,043	0,307
CHR7	7850585	CHR7:7850585	SSF x LoA	-10,2029532	-0,133	0,304
CHR7	7850869	CHR7:7850869	SSF x LoA	-10,5446682	0,093	0,305
CHR7	7850884	CHR7:7850884	SSF x LoA	-7,97586477	0,089	0,299
CHR7	7850885	CHR7:7850885	SSF x LoA	-7,4014572	0,073	0,306
CHR7	788912	CHR7:788912	SSF x LoA	-8,02395342	-0,090	0,315
CHR7	788930	CHR7:788930	SSF x LoA	-9,3062133	0,132	0,312
CHR7	789022	CHR7:789022	SSF x LoA	-10,6944679	0,005	0,296
CHR7	7913709	CHR7:7913709	SSF x LoA	-10,7076104	-0,044	0,300
CHR7	7913833	CHR7:7913833	SSF x LoA	-11,7144949	-0,092	0,307
CHR7	7916346	CHR7:7916346	SSF x LoA	-4,88348756	-0,053	0,307
CHR7	7916371	CHR7:7916371	SSF x LoA	-8,71606302	0,039	0,314
CHR7	7916437	CHR7:7916437	SSF x LoA	-4,67799405	-0,014	0,319
CHR7	7916546	CHR7:7916546	SSF x LoA	-10,8182156	0,053	0,301
CHR7	7930550	CHR7:7930550	SSF x LoA	-10,2403246	0,049	0,300
CHR7	7933390	CHR7:7933390	SSF x LoA	-8,78678388	0,127	0,310
CHR7	7933460	CHR7:7933460	SSF x LoA	-9,06817536	-0,047	0,313
CHR7	7933550	CHR7:7933550	SSF x LoA	-10,5441562	0,062	0,299
CHR7	7933563	CHR7:7933563	SSF x LoA	-11,574287	-0,008	0,298
CHR7	7933571	CHR7:7933571	SSF x LoA	-9,67410371	-0,090	0,308
CHR7	7933590	CHR7:7933590	SSF x LoA	-12,3908121	0,004	0,290
CHR7	7933613	CHR7:7933613	SSF x LoA	-11,2137681	-0,029	0,301
CHR7	7933673	CHR7:7933673	SSF x LoA	-8,25876446	-0,080	0,312
CHR7	7939425	CHR7:7939425	SSF x LoA	-10,7302713	-0,027	0,308
CHR7	7939428	CHR7:7939428	SSF x LoA	-8,04785626	0,020	0,313
CHR7	7939432	CHR7:7939432	SSF x LoA	-8,24157607	-0,006	0,301
CHR7	7939441	CHR7:7939441	SSF x LoA	-3,34206776	-0,142	0,308
CHR7	7939443	CHR7:7939443	SSF x LoA	-12,2119928	-0,079	0,288
CHR7	7939463	CHR7:7939463	SSF x LoA	-8,12428014	-0,148	0,296
CHR7	7940092	CHR7:7940092	SSF x LoA	-6,24737001	-0,170	0,298
CHR7	7940101	CHR7:7940101	SSF x LoA	-7,20773187	0,083	0,322
CHR7	7944552	CHR7:7944552	SSF x LoA	-11,9126719	-0,033	0,300
CHR7	7952370	CHR7:7952370	SSF x LoA	-9,38730428	-0,038	0,311
CHR7	7952461	CHR7:7952461	SSF x LoA	-6,57926856	0,166	0,298
CHR7	7964346	CHR7:7964346	SSF x LoA	-9,68412187	-0,098	0,297
CHR7	7964366	CHR7:7964366	SSF x LoA	-10,6963278	-0,071	0,312
CHR7	7964381	CHR7:7964381	SSF x LoA	-10,6668865	-0,045	0,303
CHR7	7964393	CHR7:7964393	SSF x LoA	-10,9311831	-0,039	0,313
CHR7	7964437	CHR7:7964437	SSF x LoA	-10,8885239	-0,112	0,301
CHR7	7964471	CHR7:7964471	SSF x LoA	-9,51102757	-0,031	0,299
CHR7	7972955	CHR7:7972955	SSF x LoA	-10,0797316	-0,114	0,309
CHR7	7987086	CHR7:7987086	SSF x LoA	-10,6363977	0,004	0,299
CHR7	7987103	CHR7:7987103	SSF x LoA	-8,68697555	0,041	0,310
CHR7	7994530	CHR7:7994530	SSF x LoA	-7,59511713	-0,077	0,309

CHR7	7994708	CHR7:7994708	SSF x LoA	-10,8383473	-0,007	0,308
CHR7	8000983	CHR7:8000983	SSF x LoA	-11,2501779	-0,080	0,317
CHR7	8001185	CHR7:8001185	SSF x LoA	-6,850985	0,138	0,301
CHR7	8001189	CHR7:8001189	SSF x LoA	-8,56185825	0,092	0,304
CHR7	8010045	CHR7:8010045	SSF x LoA	-10,8786462	-0,087	0,305
CHR7	8010135	CHR7:8010135	SSF x LoA	-10,089981	-0,068	0,295
CHR7	8026514	CHR7:8026514	SSF x LoA	-7,61238522	0,066	0,301
CHR7	8026523	CHR7:8026523	SSF x LoA	-10,4056116	-0,002	0,309
CHR7	8026550	CHR7:8026550	SSF x LoA	-9,6892045	-0,035	0,293
CHR7	8026582	CHR7:8026582	SSF x LoA	-8,40910724	0,038	0,321
CHR7	8026601	CHR7:8026601	SSF x LoA	-8,60099617	-0,176	0,293
CHR7	8026608	CHR7:8026608	SSF x LoA	-9,49311386	-0,035	0,305
CHR7	8026615	CHR7:8026615	SSF x LoA	-5,76455144	-0,196	0,300
CHR7	8026621	CHR7:8026621	SSF x LoA	-7,47820194	0,106	0,302
CHR7	8026623	CHR7:8026623	SSF x LoA	-3,75104282	-0,018	0,312
CHR7	8029506	CHR7:8029506	SSF x LoA	-10,6300439	-0,070	0,303
CHR7	8029586	CHR7:8029586	SSF x LoA	-9,02933094	0,154	0,305
CHR7	8029616	CHR7:8029616	SSF x LoA	-11,4633288	0,024	0,302
CHR7	804233	CHR7:804233	SSF x LoA	-10,6031929	0,016	0,305
CHR7	8044315	CHR7:8044315	SSF x LoA	-0,07974523	-0,085	0,316
CHR7	8044319	CHR7:8044319	SSF x LoA	-10,1440327	-0,011	0,310
CHR7	8047477	CHR7:8047477	SSF x LoA	-10,6160581	0,004	0,322
CHR7	8047526	CHR7:8047526	SSF x LoA	-9,5652282	-0,130	0,306
CHR7	8047594	CHR7:8047594	SSF x LoA	-8,89462764	0,024	0,312
CHR7	8047604	CHR7:8047604	SSF x LoA	-7,12238203	0,043	0,298
CHR7	8055073	CHR7:8055073	SSF x LoA	-2,59540455	-0,127	0,290
CHR7	8055097	CHR7:8055097	SSF x LoA	-9,41505495	0,010	0,328
CHR7	8055116	CHR7:8055116	SSF x LoA	-7,22875215	-0,139	0,292
CHR7	8055129	CHR7:8055129	SSF x LoA	-9,57503455	-0,018	0,302
CHR7	8055136	CHR7:8055136	SSF x LoA	-9,52585559	0,010	0,289
CHR7	8055156	CHR7:8055156	SSF x LoA	-9,20662763	0,037	0,304
CHR7	8064330	CHR7:8064330	SSF x LoA	-8,78916843	0,129	0,303
CHR7	8064334	CHR7:8064334	SSF x LoA	-9,47279908	-0,036	0,302
CHR7	8064823	CHR7:8064823	SSF x LoA	-5,62205206	-0,057	0,304
CHR7	8064848	CHR7:8064848	SSF x LoA	-9,2323448	0,038	0,317
CHR7	8068890	CHR7:8068890	SSF x LoA	-4,39230383	0,096	0,298
CHR7	8068912	CHR7:8068912	SSF x LoA	-8,76459402	-0,031	0,310
CHR7	8069013	CHR7:8069013	SSF x LoA	-10,6340674	-0,004	0,295
CHR7	8076044	CHR7:8076044	SSF x LoA	-11,4335196	0,074	0,296
CHR7	8076067	CHR7:8076067	SSF x LoA	-7,95374544	0,142	0,293
CHR7	8076171	CHR7:8076171	SSF x LoA	-10,197158	-0,061	0,303
CHR7	8076186	CHR7:8076186	SSF x LoA	-8,85859961	-0,098	0,296
CHR7	8085845	CHR7:8085845	SSF x LoA	-6,56355111	0,140	0,314
CHR7	8085848	CHR7:8085848	SSF x LoA	-9,92243997	-0,089	0,306
CHR7	8085888	CHR7:8085888	SSF x LoA	-9,89163931	0,093	0,306
CHR7	8085912	CHR7:8085912	SSF x LoA	-8,28491293	-0,164	0,303
CHR7	8087087	CHR7:8087087	SSF x LoA	-9,31549012	-0,036	0,322
CHR7	8087107	CHR7:8087107	SSF x LoA	-8,14625092	0,005	0,302
CHR7	8087189	CHR7:8087189	SSF x LoA	-10,3728159	-0,092	0,307
CHR7	8087212	CHR7:8087212	SSF x LoA	-8,33370426	0,089	0,298
CHR7	8087261	CHR7:8087261	SSF x LoA	-8,69855758	0,069	0,298
CHR7	8087267	CHR7:8087267	SSF x LoA	-10,4997813	-0,031	0,297
CHR7	8087297	CHR7:8087297	SSF x LoA	-8,95997084	-0,125	0,307

CHR7	8096280	CHR7:8096280	SSF x LoA	-6,02079796	-0,198	0,294
CHR7	8096309	CHR7:8096309	SSF x LoA	-10,6120723	-0,021	0,304
CHR7	8096336	CHR7:8096336	SSF x LoA	-8,67816976	0,117	0,305
CHR7	8097265	CHR7:8097265	SSF x LoA	1,52779992	0,096	0,318
CHR7	8097288	CHR7:8097288	SSF x LoA	-10,2736958	-0,001	0,314
CHR7	8097321	CHR7:8097321	SSF x LoA	-9,06371648	-0,039	0,308
CHR7	8113671	CHR7:8113671	SSF x LoA	-10,4081084	-0,075	0,302
CHR7	8113739	CHR7:8113739	SSF x LoA	-8,68861296	-0,015	0,303
CHR7	8113757	CHR7:8113757	SSF x LoA	-11,3949997	0,000	0,298
CHR7	8113772	CHR7:8113772	SSF x LoA	-7,75904694	0,115	0,297
CHR7	8113779	CHR7:8113779	SSF x LoA	-11,6834245	-0,008	0,309
CHR7	8113790	CHR7:8113790	SSF x LoA	-7,35316547	0,029	0,303
CHR7	8113820	CHR7:8113820	SSF x LoA	-11,8425505	0,030	0,312
CHR7	8113844	CHR7:8113844	SSF x LoA	-10,56683	-0,028	0,318
CHR7	8113870	CHR7:8113870	SSF x LoA	-7,07120773	-0,162	0,290
CHR7	8113885	CHR7:8113885	SSF x LoA	-9,68898179	-0,046	0,308
CHR7	8113924	CHR7:8113924	SSF x LoA	-9,46101961	-0,050	0,309
CHR7	8116847	CHR7:8116847	SSF x LoA	-11,2723902	0,079	0,301
CHR7	8116853	CHR7:8116853	SSF x LoA	-10,1220778	0,090	0,305
CHR7	8119352	CHR7:8119352	SSF x LoA	-8,8850528	0,063	0,300
CHR7	8119361	CHR7:8119361	SSF x LoA	5,04477569	0,002	0,312
CHR7	8119386	CHR7:8119386	SSF x LoA	-10,797883	0,011	0,305
CHR7	8134488	CHR7:8134488	SSF x LoA	-8,84837263	-0,082	0,313
CHR7	8137143	CHR7:8137143	SSF x LoA	13,8015426	-0,065	0,301
CHR7	8137147	CHR7:8137147	SSF x LoA	-8,85259666	-0,002	0,296
CHR7	8137159	CHR7:8137159	SSF x LoA	-10,3263527	0,057	0,303
CHR7	8137194	CHR7:8137194	SSF x LoA	-7,60395262	-0,075	0,306
CHR7	8137243	CHR7:8137243	SSF x LoA	-7,84704985	-0,056	0,299
CHR7	8141643	CHR7:8141643	SSF x LoA	-9,39448794	0,018	0,313
CHR7	8147363	CHR7:8147363	SSF x LoA	-3,5250781	0,114	0,296
CHR7	8147566	CHR7:8147566	SSF x LoA	-10,9957313	0,070	0,289
CHR7	814830	CHR7:814830	SSF x LoA	-7,65832733	0,042	0,311
CHR7	8152868	CHR7:8152868	SSF x LoA	-10,4907115	-0,037	0,311
CHR7	8158227	CHR7:8158227	SSF x LoA	-10,8094772	0,032	0,305
CHR7	8158288	CHR7:8158288	SSF x LoA	-11,5723063	-0,047	0,314
CHR7	8165939	CHR7:8165939	SSF x LoA	-7,54677266	0,136	0,303
CHR7	8165954	CHR7:8165954	SSF x LoA	-11,9820091	-0,038	0,297
CHR7	8166015	CHR7:8166015	SSF x LoA	-8,57881079	-0,183	0,305
CHR7	8166034	CHR7:8166034	SSF x LoA	-8,18058328	-0,038	0,308
CHR7	8166037	CHR7:8166037	SSF x LoA	-8,65082841	-0,035	0,307
CHR7	8166064	CHR7:8166064	SSF x LoA	-11,3104573	-0,066	0,302
CHR7	8166086	CHR7:8166086	SSF x LoA	-10,9028622	0,127	0,312
CHR7	8167921	CHR7:8167921	SSF x LoA	-10,7887761	0,024	0,303
CHR7	8167946	CHR7:8167946	SSF x LoA	-10,1863804	0,106	0,299
CHR7	8167957	CHR7:8167957	SSF x LoA	-8,50493572	0,068	0,293
CHR7	8167960	CHR7:8167960	SSF x LoA	-8,06228822	0,036	0,299
CHR7	8167966	CHR7:8167966	SSF x LoA	-7,55714967	0,084	0,311
CHR7	8167979	CHR7:8167979	SSF x LoA	-7,26520368	-0,035	0,304
CHR7	8174052	CHR7:8174052	SSF x LoA	-10,714293	-0,078	0,315
CHR7	8174083	CHR7:8174083	SSF x LoA	-7,27124175	-0,125	0,303
CHR7	8174240	CHR7:8174240	SSF x LoA	-9,92231905	-0,009	0,310
CHR7	8181364	CHR7:8181364	SSF x LoA	-11,1260876	-0,027	0,313
CHR7	8181365	CHR7:8181365	SSF x LoA	-12,23935	0,005	0,308

CHR7	8181390	CHR7:8181390	SSF x LoA	-7,65247356	0,047	0,311
CHR7	8181435	CHR7:8181435	SSF x LoA	-9,44493566	-0,084	0,302
CHR7	8181444	CHR7:8181444	SSF x LoA	-8,9094974	-0,076	0,305
CHR7	8189945	CHR7:8189945	SSF x LoA	-9,42745401	0,001	0,312
CHR7	8190035	CHR7:8190035	SSF x LoA	-7,50338412	0,010	0,317
CHR7	819004	CHR7:819004	SSF x LoA	-1,89489283	0,053	0,313
CHR7	819188	CHR7:819188	SSF x LoA	-6,33155758	0,056	0,311
CHR7	8192929	CHR7:8192929	SSF x LoA	-8,72169058	0,107	0,308
CHR7	8192930	CHR7:8192930	SSF x LoA	-4,98677753	-0,100	0,301
CHR7	8192938	CHR7:8192938	SSF x LoA	-11,1367732	0,030	0,295
CHR7	8192940	CHR7:8192940	SSF x LoA	-10,4908784	0,055	0,305
CHR7	8192991	CHR7:8192991	SSF x LoA	-8,50025501	0,136	0,298
CHR7	8192997	CHR7:8192997	SSF x LoA	-8,21538342	-0,099	0,296
CHR7	8193046	CHR7:8193046	SSF x LoA	-7,85343217	0,107	0,305
CHR7	8193061	CHR7:8193061	SSF x LoA	-9,81595202	0,124	0,296
CHR7	8193073	CHR7:8193073	SSF x LoA	-7,94696807	0,126	0,304
CHR7	8193091	CHR7:8193091	SSF x LoA	-10,2402813	0,042	0,307
CHR7	8198916	CHR7:8198916	SSF x LoA	-7,22970177	-0,053	0,292
CHR7	8198932	CHR7:8198932	SSF x LoA	-8,43687395	-0,152	0,310
CHR7	8198934	CHR7:8198934	SSF x LoA	-9,33225607	-0,154	0,300
CHR7	8198939	CHR7:8198939	SSF x LoA	-10,3409891	-0,127	0,293
CHR7	8198952	CHR7:8198952	SSF x LoA	-11,7688861	-0,041	0,300
CHR7	8198953	CHR7:8198953	SSF x LoA	-8,19150632	-0,155	0,291
CHR7	8198960	CHR7:8198960	SSF x LoA	-8,31101028	-0,115	0,308
CHR7	8199135	CHR7:8199135	SSF x LoA	-9,19986186	0,050	0,308
CHR7	8222103	CHR7:8222103	SSF x LoA	-8,96609899	0,026	0,301
CHR7	8222108	CHR7:8222108	SSF x LoA	-9,45454473	-0,032	0,323
CHR7	8222168	CHR7:8222168	SSF x LoA	-8,29696539	-0,014	0,301
CHR7	8222310	CHR7:8222310	SSF x LoA	-9,0862908	-0,044	0,318
CHR7	8232609	CHR7:8232609	SSF x LoA	-7,94763185	-0,045	0,304
CHR7	8232613	CHR7:8232613	SSF x LoA	-11,3283475	0,060	0,305
CHR7	8232621	CHR7:8232621	SSF x LoA	-10,0380818	0,050	0,307
CHR7	8232631	CHR7:8232631	SSF x LoA	-8,94183323	0,119	0,296
CHR7	8232688	CHR7:8232688	SSF x LoA	-9,70048015	0,048	0,314
CHR7	8241328	CHR7:8241328	SSF x LoA	-8,16940563	-0,019	0,320
CHR7	8241342	CHR7:8241342	SSF x LoA	-9,94985856	-0,064	0,300
CHR7	824649	CHR7:824649	SSF x LoA	-10,6962312	-0,042	0,302
CHR7	8247145	CHR7:8247145	SSF x LoA	-9,34081215	-0,112	0,307
CHR7	824749	CHR7:824749	SSF x LoA	-11,6209167	-0,052	0,315
CHR7	8253142	CHR7:8253142	SSF x LoA	-11,0691881	-0,051	0,311
CHR7	8253163	CHR7:8253163	SSF x LoA	-11,0919906	-0,045	0,318
CHR7	8253176	CHR7:8253176	SSF x LoA	-7,27593275	-0,056	0,303
CHR7	8253178	CHR7:8253178	SSF x LoA	-10,1588179	-0,061	0,290
CHR7	8253197	CHR7:8253197	SSF x LoA	-10,0865579	-0,125	0,303
CHR7	8253223	CHR7:8253223	SSF x LoA	-6,74688318	0,184	0,283
CHR7	8253246	CHR7:8253246	SSF x LoA	-7,82880475	0,110	0,293
CHR7	8253326	CHR7:8253326	SSF x LoA	-9,57942955	0,007	0,315
CHR7	8256094	CHR7:8256094	SSF x LoA	-10,6949356	-0,101	0,305
CHR7	8267408	CHR7:8267408	SSF x LoA	-4,42272765	-0,071	0,310
CHR7	8267425	CHR7:8267425	SSF x LoA	-7,26280305	0,066	0,311
CHR7	8267442	CHR7:8267442	SSF x LoA	-6,61037528	-0,061	0,307
CHR7	8267500	CHR7:8267500	SSF x LoA	-10,1124538	0,003	0,303
CHR7	8267523	CHR7:8267523	SSF x LoA	-8,13948063	-0,046	0,317

CHR7	8267528	CHR7:8267528	SSF x LoA	-8,84949083	0,047	0,303
CHR7	8267587	CHR7:8267587	SSF x LoA	-5,57792083	0,174	0,291
CHR7	8267651	CHR7:8267651	SSF x LoA	-9,84322489	-0,069	0,312
CHR7	8269046	CHR7:8269046	SSF x LoA	-6,35731356	0,122	0,315
CHR7	8269051	CHR7:8269051	SSF x LoA	-9,4020677	0,163	0,309
CHR7	8271365	CHR7:8271365	SSF x LoA	-8,52904574	0,008	0,298
CHR7	8271385	CHR7:8271385	SSF x LoA	-9,55929512	-0,042	0,285
CHR7	8271422	CHR7:8271422	SSF x LoA	-8,49664761	-0,025	0,295
CHR7	8271431	CHR7:8271431	SSF x LoA	-7,2682037	0,006	0,309
CHR7	829999	CHR7:829999	SSF x LoA	-10,3417486	0,029	0,313
CHR7	8300129	CHR7:8300129	SSF x LoA	-9,65316849	-0,163	0,297
CHR7	8306903	CHR7:8306903	SSF x LoA	-7,51545748	-0,099	0,275
CHR7	8311830	CHR7:8311830	SSF x LoA	-11,8311894	0,057	0,299
CHR7	8311847	CHR7:8311847	SSF x LoA	-11,7184415	0,069	0,294
CHR7	8311872	CHR7:8311872	SSF x LoA	-10,036216	0,015	0,308
CHR7	8311886	CHR7:8311886	SSF x LoA	-8,81222215	0,008	0,313
CHR7	8311895	CHR7:8311895	SSF x LoA	-5,46019972	0,104	0,312
CHR7	8311896	CHR7:8311896	SSF x LoA	-6,39261683	0,082	0,314
CHR7	8325462	CHR7:8325462	SSF x LoA	-11,7582934	0,090	0,306
CHR7	8327652	CHR7:8327652	SSF x LoA	-8,27667957	0,024	0,301
CHR7	8327653	CHR7:8327653	SSF x LoA	-6,64740572	0,003	0,306
CHR7	8327686	CHR7:8327686	SSF x LoA	-11,7113544	-0,088	0,292
CHR7	8342114	CHR7:8342114	SSF x LoA	-8,42926634	0,080	0,316
CHR7	8342168	CHR7:8342168	SSF x LoA	-10,084439	0,060	0,299
CHR7	8350281	CHR7:8350281	SSF x LoA	-7,4624645	-0,012	0,310
CHR7	8350332	CHR7:8350332	SSF x LoA	-8,61368671	-0,179	0,278
CHR7	8350621	CHR7:8350621	SSF x LoA	-8,16016129	-0,074	0,311
CHR7	8350630	CHR7:8350630	SSF x LoA	-10,0900704	-0,059	0,308
CHR7	8350702	CHR7:8350702	SSF x LoA	-7,25890949	-0,126	0,304
CHR7	835634	CHR7:835634	SSF x LoA	-8,76886698	-0,103	0,309
CHR7	835649	CHR7:835649	SSF x LoA	-11,1514991	0,002	0,308
CHR7	835751	CHR7:835751	SSF x LoA	-8,28534268	-0,095	0,309
CHR7	835770	CHR7:835770	SSF x LoA	-8,82616551	-0,104	0,303
CHR7	835800	CHR7:835800	SSF x LoA	-8,87132654	0,000	0,320
CHR7	840050	CHR7:840050	SSF x LoA	-10,4644086	-0,020	0,317
CHR7	840073	CHR7:840073	SSF x LoA	-11,6704681	0,010	0,292
CHR7	840074	CHR7:840074	SSF x LoA	-12,2871906	0,024	0,298
CHR7	841794	CHR7:841794	SSF x LoA	-10,6973125	-0,008	0,316
CHR7	841807	CHR7:841807	SSF x LoA	-7,99389172	-0,122	0,313
CHR7	846954	CHR7:846954	SSF x LoA	-8,41311662	0,083	0,310
CHR7	846983	CHR7:846983	SSF x LoA	-9,33832302	0,078	0,307
CHR7	846992	CHR7:846992	SSF x LoA	-6,58026415	-0,123	0,314
CHR7	847010	CHR7:847010	SSF x LoA	-10,1209925	0,081	0,291
CHR7	8548473	CHR7:8548473	SSF x LoA	-7,48909217	-0,040	0,314
CHR7	8548500	CHR7:8548500	SSF x LoA	-8,59539083	0,049	0,319
CHR7	8548514	CHR7:8548514	SSF x LoA	-8,68431298	0,065	0,321
CHR7	8548523	CHR7:8548523	SSF x LoA	-8,91932591	0,051	0,310
CHR7	8548563	CHR7:8548563	SSF x LoA	-7,3608606	0,062	0,312
CHR7	8548579	CHR7:8548579	SSF x LoA	-7,95408981	0,034	0,314
CHR7	8548590	CHR7:8548590	SSF x LoA	-6,62085614	0,059	0,315
CHR7	8548601	CHR7:8548601	SSF x LoA	-7,92597789	0,051	0,322
CHR7	855637	CHR7:855637	SSF x LoA	-11,852368	-0,073	0,299
CHR7	855789	CHR7:855789	SSF x LoA	-9,04900079	0,025	0,308

CHR7	855831	CHR7:855831	SSF x LoA	-7,56655755	-0,065	0,297
CHR7	855844	CHR7:855844	SSF x LoA	-11,1921656	-0,085	0,302
CHR7	855868	CHR7:855868	SSF x LoA	-10,9428613	0,106	0,295
CHR7	8572798	CHR7:8572798	SSF x LoA	-8,50778589	-0,022	0,327
CHR7	8572935	CHR7:8572935	SSF x LoA	-8,61184258	0,000	0,313
CHR7	861154	CHR7:861154	SSF x LoA	-8,58217712	-0,081	0,301
CHR7	861224	CHR7:861224	SSF x LoA	-9,4633317	-0,101	0,305
CHR7	8664770	CHR7:8664770	SSF x LoA	-8,92077899	0,070	0,304
CHR7	867616	CHR7:867616	SSF x LoA	-8,57854019	-0,114	0,303
CHR7	873905	CHR7:873905	SSF x LoA	-9,41262921	0,131	0,314
CHR7	8795776	CHR7:8795776	SSF x LoA	-8,97212566	-0,006	0,307
CHR7	8795793	CHR7:8795793	SSF x LoA	-8,88180786	-0,026	0,307
CHR7	8795844	CHR7:8795844	SSF x LoA	-8,77614115	-0,028	0,308
CHR7	8795890	CHR7:8795890	SSF x LoA	-7,9733905	0,003	0,324
CHR7	8795953	CHR7:8795953	SSF x LoA	-8,72635782	0,009	0,306
CHR7	8795982	CHR7:8795982	SSF x LoA	-9,05145608	0,004	0,324
CHR7	8799952	CHR7:8799952	SSF x LoA	-6,67177142	-0,001	0,326
CHR7	8799973	CHR7:8799973	SSF x LoA	-8,13578881	-0,026	0,319
CHR7	8799998	CHR7:8799998	SSF x LoA	-6,54044513	-0,005	0,333
CHR7	8800010	CHR7:8800010	SSF x LoA	-8,24309176	0,022	0,333
CHR7	8800019	CHR7:8800019	SSF x LoA	-8,90857291	0,011	0,312
CHR7	8800067	CHR7:8800067	SSF x LoA	-8,71004525	-0,027	0,308
CHR7	8800959	CHR7:8800959	SSF x LoA	-8,4626172	-0,003	0,313
CHR7	8800969	CHR7:8800969	SSF x LoA	-8,25945813	0,017	0,327
CHR7	883150	CHR7:883150	SSF x LoA	-7,09393451	0,117	0,299
CHR7	883151	CHR7:883151	SSF x LoA	-8,58439063	0,073	0,305
CHR7	8836018	CHR7:8836018	SSF x LoA	-8,29046306	-0,046	0,321
CHR7	8836067	CHR7:8836067	SSF x LoA	-8,44108618	0,014	0,308
CHR7	885607	CHR7:885607	SSF x LoA	-9,93754257	-0,059	0,308
CHR7	888783	CHR7:888783	SSF x LoA	-9,88426605	-0,006	0,306
CHR7	8892664	CHR7:8892664	SSF x LoA	-11,224481	-0,102	0,296
CHR7	889326	CHR7:889326	SSF x LoA	-8,5766518	0,048	0,301
CHR7	889344	CHR7:889344	SSF x LoA	-7,8000731	0,122	0,298
CHR7	8924160	CHR7:8924160	SSF x LoA	-8,53459597	-0,028	0,326
CHR7	8924219	CHR7:8924219	SSF x LoA	-7,79611615	-0,008	0,317
CHR7	8924245	CHR7:8924245	SSF x LoA	-4,50511309	-0,028	0,315
CHR7	8924253	CHR7:8924253	SSF x LoA	-8,05445926	-0,011	0,328
CHR7	8924265	CHR7:8924265	SSF x LoA	-7,99706499	-0,003	0,327
CHR7	8926884	CHR7:8926884	SSF x LoA	-9,65789857	-0,081	0,297
CHR7	8926885	CHR7:8926885	SSF x LoA	-7,51681146	0,121	0,292
CHR7	8939038	CHR7:8939038	SSF x LoA	-8,10610862	-0,004	0,304
CHR7	896835	CHR7:896835	SSF x LoA	-8,02149748	0,032	0,307
CHR7	896863	CHR7:896863	SSF x LoA	-9,59775915	0,012	0,308
CHR7	8997748	CHR7:8997748	SSF x LoA	-10,8747441	-0,041	0,302
CHR7	908709	CHR7:908709	SSF x LoA	-8,56364739	0,049	0,323
CHR7	908722	CHR7:908722	SSF x LoA	-7,88149271	-0,074	0,319
CHR7	908763	CHR7:908763	SSF x LoA	-5,57467033	0,135	0,318
CHR7	908792	CHR7:908792	SSF x LoA	-11,0899967	-0,057	0,299
CHR7	9104149	CHR7:9104149	SSF x LoA	-11,9833884	0,028	0,288
CHR7	9104172	CHR7:9104172	SSF x LoA	-11,4402229	0,013	0,299
CHR7	910890	CHR7:910890	SSF x LoA	-11,4729059	-0,053	0,292
CHR7	910926	CHR7:910926	SSF x LoA	-7,91318959	0,071	0,309
CHR7	911017	CHR7:911017	SSF x LoA	-9,86323804	0,034	0,314

CHR7	911027	CHR7:911027	SSF x LoA	-8,69729872	0,075	0,316
CHR7	9138030	CHR7:9138030	SSF x LoA	-7,9732618	0,067	0,299
CHR7	9150903	CHR7:9150903	SSF x LoA	-10,7111834	0,045	0,307
CHR7	915442	CHR7:915442	SSF x LoA	-11,0531233	-0,001	0,311
CHR7	9156707	CHR7:9156707	SSF x LoA	-6,55645905	0,101	0,301
CHR7	9227095	CHR7:9227095	SSF x LoA	-10,6022842	-0,071	0,293
CHR7	9230920	CHR7:9230920	SSF x LoA	-10,7774184	-0,003	0,311
CHR7	9230992	CHR7:9230992	SSF x LoA	-10,9447338	-0,019	0,292
CHR7	9242570	CHR7:9242570	SSF x LoA	-10,7951589	-0,032	0,319
CHR7	925862	CHR7:925862	SSF x LoA	-10,0036933	0,077	0,300
CHR7	925890	CHR7:925890	SSF x LoA	-10,8572501	0,022	0,303
CHR7	925908	CHR7:925908	SSF x LoA	-6,3420076	0,020	0,309
CHR7	926005	CHR7:926005	SSF x LoA	-8,67624096	0,114	0,298
CHR7	926021	CHR7:926021	SSF x LoA	-7,95439722	0,167	0,293
CHR7	9260425	CHR7:9260425	SSF x LoA	-11,2965823	0,035	0,297
CHR7	9260429	CHR7:9260429	SSF x LoA	-9,97659362	0,059	0,314
CHR7	926056	CHR7:926056	SSF x LoA	-11,7571982	-0,006	0,307
CHR7	9267797	CHR7:9267797	SSF x LoA	-10,9982913	0,001	0,305
CHR7	9274225	CHR7:9274225	SSF x LoA	-9,70143045	0,000	0,289
CHR7	9274313	CHR7:9274313	SSF x LoA	-8,88373381	0,005	0,300
CHR7	9283499	CHR7:9283499	SSF x LoA	-9,03520447	0,049	0,301
CHR7	9283604	CHR7:9283604	SSF x LoA	-8,88515473	0,059	0,309
CHR7	9285931	CHR7:9285931	SSF x LoA	-9,2283635	0,045	0,306
CHR7	928950	CHR7:928950	SSF x LoA	-11,4010949	-0,054	0,296
CHR7	928984	CHR7:928984	SSF x LoA	-11,1577083	0,041	0,307
CHR7	929052	CHR7:929052	SSF x LoA	-10,895703	-0,050	0,308
CHR7	9315557	CHR7:9315557	SSF x LoA	-10,8435179	0,009	0,319
CHR7	9315560	CHR7:9315560	SSF x LoA	-11,8128738	0,004	0,307
CHR7	9315581	CHR7:9315581	SSF x LoA	-9,19514299	-0,052	0,305
CHR7	9315592	CHR7:9315592	SSF x LoA	-10,6968684	-0,022	0,306
CHR7	9315598	CHR7:9315598	SSF x LoA	-11,861158	0,004	0,322
CHR7	9315599	CHR7:9315599	SSF x LoA	-10,8152695	-0,017	0,307
CHR7	9315689	CHR7:9315689	SSF x LoA	-8,4296972	-0,023	0,315
CHR7	9315717	CHR7:9315717	SSF x LoA	-9,97542656	-0,038	0,286
CHR7	9315762	CHR7:9315762	SSF x LoA	-10,0191868	-0,033	0,299
CHR7	9315771	CHR7:9315771	SSF x LoA	-10,0446229	-0,063	0,292
CHR7	9323200	CHR7:9323200	SSF x LoA	-9,74357733	0,081	0,291
CHR7	9323220	CHR7:9323220	SSF x LoA	-7,36309348	-0,091	0,295
CHR7	9323229	CHR7:9323229	SSF x LoA	-8,95524515	-0,100	0,293
CHR7	9323231	CHR7:9323231	SSF x LoA	-9,68754519	-0,097	0,286
CHR7	9323321	CHR7:9323321	SSF x LoA	-8,97917929	-0,099	0,285
CHR7	9323427	CHR7:9323427	SSF x LoA	-10,1422103	-0,089	0,296
CHR7	932907	CHR7:932907	SSF x LoA	-11,7648275	0,019	0,306
CHR7	932926	CHR7:932926	SSF x LoA	-7,25669819	0,050	0,305
CHR7	932927	CHR7:932927	SSF x LoA	-7,25084367	-0,009	0,309
CHR7	932964	CHR7:932964	SSF x LoA	-11,8678794	-0,014	0,308
CHR7	933086	CHR7:933086	SSF x LoA	-11,8308272	0,054	0,312
CHR7	9332440	CHR7:9332440	SSF x LoA	-8,75911759	0,077	0,290
CHR7	9332539	CHR7:9332539	SSF x LoA	-10,1067589	0,087	0,286
CHR7	9340440	CHR7:9340440	SSF x LoA	-8,44899674	-0,076	0,315
CHR7	9340463	CHR7:9340463	SSF x LoA	-9,50475754	0,136	0,296
CHR7	9340505	CHR7:9340505	SSF x LoA	-9,61628997	-0,045	0,315
CHR7	9340520	CHR7:9340520	SSF x LoA	-9,43901144	-0,015	0,307

CHR7	9340580	CHR7:9340580	SSF x LoA	-9,65212111	-0,113	0,310
CHR7	9345361	CHR7:9345361	SSF x LoA	-9,38575346	0,047	0,297
CHR7	9345429	CHR7:9345429	SSF x LoA	-9,47612065	0,032	0,300
CHR7	9349273	CHR7:9349273	SSF x LoA	-11,7590598	-0,067	0,301
CHR7	9349305	CHR7:9349305	SSF x LoA	-11,6509089	-0,103	0,299
CHR7	9349394	CHR7:9349394	SSF x LoA	-6,73522878	0,084	0,290
CHR7	9350349	CHR7:9350349	SSF x LoA	-10,3588294	0,063	0,310
CHR7	9350350	CHR7:9350350	SSF x LoA	-10,7876323	0,035	0,305
CHR7	9350371	CHR7:9350371	SSF x LoA	-8,88116004	0,061	0,290
CHR7	9350386	CHR7:9350386	SSF x LoA	-2,52036439	-0,084	0,311
CHR7	9350388	CHR7:9350388	SSF x LoA	-7,26131782	-0,105	0,314
CHR7	9357687	CHR7:9357687	SSF x LoA	-4,98233306	-0,143	0,292
CHR7	9357732	CHR7:9357732	SSF x LoA	-9,34102912	-0,066	0,298
CHR7	9361390	CHR7:9361390	SSF x LoA	-8,49141837	-0,024	0,299
CHR7	9361422	CHR7:9361422	SSF x LoA	-10,4950256	0,056	0,295
CHR7	9361523	CHR7:9361523	SSF x LoA	-9,46044968	0,047	0,301
CHR7	9361606	CHR7:9361606	SSF x LoA	-9,38617091	-0,036	0,309
CHR7	9361633	CHR7:9361633	SSF x LoA	-10,067931	-0,177	0,278
CHR7	9364084	CHR7:9364084	SSF x LoA	-6,24004514	0,156	0,282
CHR7	9364129	CHR7:9364129	SSF x LoA	-1,94434807	0,145	0,290
CHR7	9364182	CHR7:9364182	SSF x LoA	-7,26031161	0,150	0,284
CHR7	9380107	CHR7:9380107	SSF x LoA	-8,4594601	0,036	0,297
CHR7	9380171	CHR7:9380171	SSF x LoA	-9,62469264	0,016	0,291
CHR7	9413731	CHR7:9413731	SSF x LoA	-5,43503906	0,132	0,307
CHR7	9413732	CHR7:9413732	SSF x LoA	-8,72808868	0,077	0,308
CHR7	9413734	CHR7:9413734	SSF x LoA	-9,43353726	-0,085	0,307
CHR7	9415872	CHR7:9415872	SSF x LoA	-7,65209639	0,102	0,297
CHR7	9423206	CHR7:9423206	SSF x LoA	-9,31621596	-0,066	0,309
CHR7	9423250	CHR7:9423250	SSF x LoA	-10,3261196	0,070	0,294
CHR7	9423252	CHR7:9423252	SSF x LoA	-10,5644025	0,021	0,304
CHR7	9432281	CHR7:9432281	SSF x LoA	-11,5044641	0,100	0,308
CHR7	9432299	CHR7:9432299	SSF x LoA	-9,49877519	0,008	0,297
CHR7	9432300	CHR7:9432300	SSF x LoA	-9,65392709	0,006	0,297
CHR7	9432311	CHR7:9432311	SSF x LoA	-9,56622297	0,046	0,315
CHR7	9443778	CHR7:9443778	SSF x LoA	-10,344324	0,009	0,311
CHR7	9443779	CHR7:9443779	SSF x LoA	-9,18978276	-0,101	0,307
CHR7	9443786	CHR7:9443786	SSF x LoA	-8,409985	-0,036	0,312
CHR7	9443790	CHR7:9443790	SSF x LoA	-8,25420955	-0,089	0,310
CHR7	9443794	CHR7:9443794	SSF x LoA	-10,2323359	-0,068	0,309
CHR7	9443824	CHR7:9443824	SSF x LoA	-9,384669	-0,063	0,311
CHR7	9444251	CHR7:9444251	SSF x LoA	-9,79553462	-0,084	0,305
CHR7	9444252	CHR7:9444252	SSF x LoA	-10,7708589	-0,083	0,297
CHR7	9444273	CHR7:9444273	SSF x LoA	-8,47017872	-0,083	0,305
CHR7	9444280	CHR7:9444280	SSF x LoA	-9,88737887	-0,076	0,301
CHR7	9444287	CHR7:9444287	SSF x LoA	-11,1312854	-0,089	0,299
CHR7	9466838	CHR7:9466838	SSF x LoA	-8,98731306	0,020	0,318
CHR7	9466977	CHR7:9466977	SSF x LoA	-8,53699079	-0,077	0,307
CHR7	9467079	CHR7:9467079	SSF x LoA	-9,07212424	0,020	0,315
CHR7	9490035	CHR7:9490035	SSF x LoA	-7,2156224	0,124	0,305
CHR7	9501746	CHR7:9501746	SSF x LoA	-9,34911075	-0,069	0,309
CHR7	9501825	CHR7:9501825	SSF x LoA	-9,68562616	0,011	0,305
CHR7	9501857	CHR7:9501857	SSF x LoA	-9,5260183	-0,052	0,307
CHR7	9501926	CHR7:9501926	SSF x LoA	-8,92831704	-0,081	0,291

CHR7	9501945	CHR7:9501945	SSF x LoA	-8,7267236	0,029	0,302
CHR7	9503696	CHR7:9503696	SSF x LoA	-9,6938172	-0,086	0,298
CHR7	9525691	CHR7:9525691	SSF x LoA	-10,9292679	-0,055	0,296
CHR7	9525708	CHR7:9525708	SSF x LoA	-10,988061	-0,057	0,293
CHR7	9525762	CHR7:9525762	SSF x LoA	-8,73386575	0,067	0,305
CHR7	954543	CHR7:954543	SSF x LoA	-9,79093827	0,127	0,309
CHR7	9589044	CHR7:9589044	SSF x LoA	-6,51422003	0,037	0,305
CHR7	9592487	CHR7:9592487	SSF x LoA	-8,65805178	-0,074	0,297
CHR7	9592512	CHR7:9592512	SSF x LoA	-1,60077171	0,101	0,310
CHR7	9592526	CHR7:9592526	SSF x LoA	-3,43575132	-0,048	0,297
CHR7	9592529	CHR7:9592529	SSF x LoA	-9,98703571	0,058	0,310
CHR7	9592574	CHR7:9592574	SSF x LoA	-5,1341127	0,109	0,312
CHR7	9592590	CHR7:9592590	SSF x LoA	-9,48208628	-0,066	0,296
CHR7	9592681	CHR7:9592681	SSF x LoA	-8,52803187	-0,079	0,286
CHR7	9592688	CHR7:9592688	SSF x LoA	-4,46072947	0,069	0,310
CHR7	960090	CHR7:960090	SSF x LoA	-11,8308048	-0,108	0,300
CHR7	9601938	CHR7:9601938	SSF x LoA	-8,00510189	-0,057	0,318
CHR7	9601939	CHR7:9601939	SSF x LoA	-10,2842231	-0,009	0,312
CHR7	9601986	CHR7:9601986	SSF x LoA	-10,0096526	0,009	0,314
CHR7	9602003	CHR7:9602003	SSF x LoA	-9,33234643	0,004	0,299
CHR7	9602009	CHR7:9602009	SSF x LoA	-9,9933098	-0,031	0,300
CHR7	9602047	CHR7:9602047	SSF x LoA	-9,69705563	-0,011	0,306
CHR7	960562	CHR7:960562	SSF x LoA	-9,97494797	0,037	0,305
CHR7	960565	CHR7:960565	SSF x LoA	-7,72418972	-0,109	0,304
CHR7	9605892	CHR7:9605892	SSF x LoA	-8,50451021	-0,154	0,296
CHR7	9611836	CHR7:9611836	SSF x LoA	2,68565579	0,132	0,313
CHR7	9611847	CHR7:9611847	SSF x LoA	-8,97412691	-0,120	0,299
CHR7	9611951	CHR7:9611951	SSF x LoA	-9,92175449	-0,089	0,300
CHR7	9612070	CHR7:9612070	SSF x LoA	-10,2946799	-0,082	0,302
CHR7	9614935	CHR7:9614935	SSF x LoA	-6,03573256	-0,063	0,293
CHR7	9614959	CHR7:9614959	SSF x LoA	-10,6028048	0,070	0,311
CHR7	9614995	CHR7:9614995	SSF x LoA	-6,84179157	-0,064	0,310
CHR7	9615010	CHR7:9615010	SSF x LoA	-8,50820664	-0,069	0,317
CHR7	9615022	CHR7:9615022	SSF x LoA	-9,69733207	-0,084	0,319
CHR7	9622924	CHR7:9622924	SSF x LoA	-9,5304958	0,076	0,311
CHR7	9622943	CHR7:9622943	SSF x LoA	-7,77825986	0,062	0,320
CHR7	9622998	CHR7:9622998	SSF x LoA	-8,76212733	0,085	0,306
CHR7	9623292	CHR7:9623292	SSF x LoA	-8,85233434	0,007	0,303
CHR7	963223	CHR7:963223	SSF x LoA	-7,81060433	0,130	0,306
CHR7	9642149	CHR7:9642149	SSF x LoA	-8,72765551	-0,102	0,292
CHR7	9642158	CHR7:9642158	SSF x LoA	-5,55117898	-0,016	0,308
CHR7	9642206	CHR7:9642206	SSF x LoA	-4,02599448	0,105	0,294
CHR7	9642254	CHR7:9642254	SSF x LoA	-6,59608677	0,209	0,276
CHR7	9649271	CHR7:9649271	SSF x LoA	-9,43272255	0,008	0,303
CHR7	9649458	CHR7:9649458	SSF x LoA	-8,52718321	0,036	0,317
CHR7	9649518	CHR7:9649518	SSF x LoA	-11,0166545	0,085	0,305
CHR7	9655937	CHR7:9655937	SSF x LoA	-11,0820553	0,027	0,312
CHR7	9659556	CHR7:9659556	SSF x LoA	-9,14308937	0,064	0,314
CHR7	9659562	CHR7:9659562	SSF x LoA	-8,81899241	0,067	0,300
CHR7	9659611	CHR7:9659611	SSF x LoA	-8,32727116	-0,075	0,323
CHR7	9659646	CHR7:9659646	SSF x LoA	-8,34688681	0,011	0,304
CHR7	9659670	CHR7:9659670	SSF x LoA	-10,1977679	-0,023	0,306
CHR7	9666766	CHR7:9666766	SSF x LoA	-9,2516497	-0,068	0,301

CHR7	9666909	CHR7:9666909	SSF x LoA	-10,2968606	0,155	0,293
CHR7	9666949	CHR7:9666949	SSF x LoA	-9,89553909	-0,109	0,300
CHR7	9674664	CHR7:9674664	SSF x LoA	-5,69971764	0,145	0,307
CHR7	9674840	CHR7:9674840	SSF x LoA	-9,75888963	-0,003	0,301
CHR7	9674871	CHR7:9674871	SSF x LoA	-7,71459962	-0,014	0,299
CHR7	9681757	CHR7:9681757	SSF x LoA	-3,87842063	0,018	0,301
CHR7	9682064	CHR7:9682064	SSF x LoA	-11,4782769	0,036	0,305
CHR7	9682070	CHR7:9682070	SSF x LoA	-8,76772855	-0,043	0,319
CHR7	969509	CHR7:969509	SSF x LoA	-9,0813329	-0,006	0,309
CHR7	969670	CHR7:969670	SSF x LoA	-7,31385822	0,069	0,313
CHR7	9706373	CHR7:9706373	SSF x LoA	-9,16067161	-0,069	0,306
CHR7	9706390	CHR7:9706390	SSF x LoA	-9,72477765	-0,001	0,310
CHR7	9706426	CHR7:9706426	SSF x LoA	-8,95878085	0,026	0,318
CHR7	9706478	CHR7:9706478	SSF x LoA	-8,4239824	-0,009	0,304
CHR7	9706491	CHR7:9706491	SSF x LoA	-6,91666687	-0,057	0,314
CHR7	9707936	CHR7:9707936	SSF x LoA	-9,01777757	-0,085	0,316
CHR7	971223	CHR7:971223	SSF x LoA	-9,1814217	0,075	0,321
CHR7	971235	CHR7:971235	SSF x LoA	-9,4329495	-0,048	0,311
CHR7	9715855	CHR7:9715855	SSF x LoA	-9,58542277	-0,044	0,308
CHR7	9715901	CHR7:9715901	SSF x LoA	-9,88305263	-0,058	0,313
CHR7	9715903	CHR7:9715903	SSF x LoA	-10,2034179	-0,048	0,302
CHR7	9716009	CHR7:9716009	SSF x LoA	-9,39752701	-0,073	0,309
CHR7	9716022	CHR7:9716022	SSF x LoA	-11,1148068	-0,073	0,311
CHR7	972648	CHR7:972648	SSF x LoA	-8,73964541	-0,034	0,313
CHR7	974386	CHR7:974386	SSF x LoA	-7,82993079	-0,085	0,307
CHR7	975502	CHR7:975502	SSF x LoA	-9,26190692	-0,048	0,322
CHR7	975507	CHR7:975507	SSF x LoA	-9,64703875	-0,028	0,313
CHR7	975514	CHR7:975514	SSF x LoA	-9,71933709	-0,059	0,306
CHR7	975675	CHR7:975675	SSF x LoA	-10,0609773	-0,028	0,296
CHR7	975678	CHR7:975678	SSF x LoA	-6,5737336	0,107	0,317
CHR7	975696	CHR7:975696	SSF x LoA	-9,90265797	0,029	0,313
CHR7	975715	CHR7:975715	SSF x LoA	-8,68459505	0,003	0,301
CHR7	975720	CHR7:975720	SSF x LoA	-8,60599382	-0,045	0,306
CHR7	9759368	CHR7:9759368	SSF x LoA	-10,4559856	0,038	0,306
CHR7	9759561	CHR7:9759561	SSF x LoA	-8,92991593	0,054	0,298
CHR7	9762507	CHR7:9762507	SSF x LoA	-9,54641827	0,003	0,303
CHR7	9762644	CHR7:9762644	SSF x LoA	-8,52975695	-0,018	0,308
CHR7	9762645	CHR7:9762645	SSF x LoA	-9,6886521	-0,039	0,301
CHR7	9762669	CHR7:9762669	SSF x LoA	-3,78776386	-0,058	0,307
CHR7	9762673	CHR7:9762673	SSF x LoA	-7,95895093	-0,072	0,328
CHR7	9762696	CHR7:9762696	SSF x LoA	-11,476009	-0,141	0,291
CHR7	9762739	CHR7:9762739	SSF x LoA	-9,60909891	-0,073	0,321
CHR7	9776337	CHR7:9776337	SSF x LoA	-8,68929452	-0,024	0,305
CHR7	9776526	CHR7:9776526	SSF x LoA	-10,6576432	-0,005	0,314
CHR7	9796085	CHR7:9796085	SSF x LoA	-10,3075156	0,038	0,298
CHR7	9824778	CHR7:9824778	SSF x LoA	-11,3783433	0,013	0,310
CHR7	9824847	CHR7:9824847	SSF x LoA	-8,11044066	0,128	0,315
CHR7	9826627	CHR7:9826627	SSF x LoA	-11,0719623	-0,020	0,313
CHR7	9826690	CHR7:9826690	SSF x LoA	-9,34407368	-0,056	0,301
CHR7	9826694	CHR7:9826694	SSF x LoA	-5,31544617	-0,029	0,308
CHR7	9826739	CHR7:9826739	SSF x LoA	-7,47039409	-0,043	0,303
CHR7	9826743	CHR7:9826743	SSF x LoA	-8,22156487	-0,086	0,308
CHR7	983030	CHR7:983030	SSF x LoA	-9,43704411	-0,052	0,310

CHR7	9840385	CHR7:9840385	SSF x LoA	-7,12167267	-0,019	0,295
CHR7	9840454	CHR7:9840454	SSF x LoA	-10,0140406	0,127	0,303
CHR7	9840455	CHR7:9840455	SSF x LoA	-8,38609989	0,134	0,311
CHR7	984114	CHR7:984114	SSF x LoA	-8,38415686	0,051	0,318
CHR7	984171	CHR7:984171	SSF x LoA	-7,10032229	-0,078	0,307
CHR7	984178	CHR7:984178	SSF x LoA	-10,5760315	-0,036	0,298
CHR7	984183	CHR7:984183	SSF x LoA	-9,60836301	-0,047	0,302
CHR7	9844804	CHR7:9844804	SSF x LoA	-10,3521904	0,038	0,282
CHR7	9854665	CHR7:9854665	SSF x LoA	-8,04726385	-0,091	0,319
CHR7	9854670	CHR7:9854670	SSF x LoA	-8,35589856	0,011	0,300
CHR7	9854707	CHR7:9854707	SSF x LoA	-3,97951196	0,035	0,314
CHR7	9854747	CHR7:9854747	SSF x LoA	-8,54512017	0,046	0,307
CHR7	9869461	CHR7:9869461	SSF x LoA	-7,25677769	0,087	0,303
CHR7	9869470	CHR7:9869470	SSF x LoA	-10,4406582	0,064	0,319
CHR7	9869490	CHR7:9869490	SSF x LoA	-9,01140392	0,060	0,317
CHR7	9869497	CHR7:9869497	SSF x LoA	-10,8083588	0,079	0,308
CHR7	9869512	CHR7:9869512	SSF x LoA	-10,1090454	-0,037	0,287
CHR7	9869538	CHR7:9869538	SSF x LoA	-12,2562378	-0,061	0,294
CHR7	9869561	CHR7:9869561	SSF x LoA	-7,52570654	-0,093	0,297
CHR7	9869756	CHR7:9869756	SSF x LoA	-11,2704877	0,036	0,305
CHR7	9876450	CHR7:9876450	SSF x LoA	-8,59030556	0,067	0,299
CHR7	9876602	CHR7:9876602	SSF x LoA	-9,33319192	0,034	0,311
CHR7	9884979	CHR7:9884979	SSF x LoA	-7,73785357	0,009	0,303
CHR7	9884980	CHR7:9884980	SSF x LoA	-11,1199729	-0,024	0,317
CHR7	9884981	CHR7:9884981	SSF x LoA	-10,8920439	0,025	0,313
CHR7	9885047	CHR7:9885047	SSF x LoA	-10,6157489	0,089	0,303
CHR7	9885071	CHR7:9885071	SSF x LoA	-10,3707417	0,024	0,310
CHR7	9885073	CHR7:9885073	SSF x LoA	-6,86543705	-0,032	0,311
CHR7	9885463	CHR7:9885463	SSF x LoA	-9,12800043	-0,017	0,312
CHR7	9885498	CHR7:9885498	SSF x LoA	-6,34096858	0,025	0,316
CHR7	9885509	CHR7:9885509	SSF x LoA	-10,7615243	0,037	0,295
CHR7	9885555	CHR7:9885555	SSF x LoA	-9,91888595	0,055	0,301
CHR7	9899632	CHR7:9899632	SSF x LoA	-10,4217853	0,026	0,322
CHR7	9899638	CHR7:9899638	SSF x LoA	-12,220111	0,031	0,296
CHR7	9899675	CHR7:9899675	SSF x LoA	-9,68329104	0,009	0,304
CHR7	9899718	CHR7:9899718	SSF x LoA	-7,3551155	0,062	0,305
CHR7	9899721	CHR7:9899721	SSF x LoA	-10,2665683	0,028	0,298
CHR7	9906702	CHR7:9906702	SSF x LoA	-9,53630187	-0,011	0,300
CHR7	9909327	CHR7:9909327	SSF x LoA	-9,35778507	-0,060	0,314
CHR7	9909561	CHR7:9909561	SSF x LoA	-10,7770084	-0,029	0,303
CHR7	9921062	CHR7:9921062	SSF x LoA	-10,9688745	0,057	0,297
CHR7	9922177	CHR7:9922177	SSF x LoA	-9,66489665	-0,138	0,302
CHR7	9922253	CHR7:9922253	SSF x LoA	-8,54566329	0,016	0,307
CHR7	9924712	CHR7:9924712	SSF x LoA	-8,31304302	0,111	0,291
CHR7	9924719	CHR7:9924719	SSF x LoA	-8,10097768	0,152	0,301
CHR7	9926662	CHR7:9926662	SSF x LoA	-8,6951367	0,056	0,315
CHR7	9926830	CHR7:9926830	SSF x LoA	-9,90225459	0,013	0,317
CHR7	9926899	CHR7:9926899	SSF x LoA	-11,0235083	-0,046	0,307
CHR7	9926919	CHR7:9926919	SSF x LoA	-5,10348998	-0,037	0,306
CHR7	9932028	CHR7:9932028	SSF x LoA	-10,9318254	-0,002	0,303
CHR7	9932034	CHR7:9932034	SSF x LoA	-11,1687377	-0,053	0,292
CHR7	9932113	CHR7:9932113	SSF x LoA	-12,2416535	0,001	0,306
CHR7	9932136	CHR7:9932136	SSF x LoA	-8,89573652	0,022	0,300

CHR7	9932287	CHR7:9932287	SSF x LoA	-10,2383886	0,126	0,300
CHR7	9932323	CHR7:9932323	SSF x LoA	-10,7829265	-0,007	0,293
CHR7	9932327	CHR7:9932327	SSF x LoA	-9,35353664	0,011	0,310
CHR7	9939073	CHR7:9939073	SSF x LoA	-11,6768702	0,046	0,309
CHR7	9939088	CHR7:9939088	SSF x LoA	-11,3066982	-0,088	0,293
CHR7	9939163	CHR7:9939163	SSF x LoA	-8,43223637	-0,080	0,307
CHR7	9942410	CHR7:9942410	SSF x LoA	-8,06488009	0,034	0,313
CHR7	9946891	CHR7:9946891	SSF x LoA	-7,80039631	0,004	0,313
CHR7	9946910	CHR7:9946910	SSF x LoA	-9,90838129	-0,052	0,306
CHR7	9947368	CHR7:9947368	SSF x LoA	-10,8393615	0,051	0,298
CHR7	9947393	CHR7:9947393	SSF x LoA	-10,0198608	0,121	0,306
CHR7	9961608	CHR7:9961608	SSF x LoA	-9,35002237	-0,066	0,307
CHR7	9961618	CHR7:9961618	SSF x LoA	-10,5351443	-0,001	0,312
CHR7	9961657	CHR7:9961657	SSF x LoA	-10,0540981	0,127	0,310
CHR7	9968740	CHR7:9968740	SSF x LoA	-9,84389272	-0,053	0,312
CHR7	9968788	CHR7:9968788	SSF x LoA	-8,74834135	-0,003	0,305
CHR7	9979017	CHR7:9979017	SSF x LoA	-9,90098712	0,080	0,295
CHR7	9980270	CHR7:9980270	SSF x LoA	-10,3108467	-0,098	0,306
CHR7	9980290	CHR7:9980290	SSF x LoA	-5,44464296	0,132	0,288
CHR7	9980304	CHR7:9980304	SSF x LoA	-4,23203486	-0,180	0,274
CHR7	9980343	CHR7:9980343	SSF x LoA	-7,25422894	-0,001	0,295
CHR7	9980475	CHR7:9980475	SSF x LoA	-7,2145597	0,004	0,307
CHR7	9980567	CHR7:9980567	SSF x LoA	-5,10016812	-0,172	0,305
CHR7	9980605	CHR7:9980605	SSF x LoA	-6,75347628	0,013	0,295
CHR7	9983356	CHR7:9983356	SSF x LoA	-9,61647198	0,051	0,326
CHR7	9983426	CHR7:9983426	SSF x LoA	-9,00651207	-0,085	0,298
CHR7	9990397	CHR7:9990397	SSF x LoA	-0,34671945	-0,187	0,308
CHR7	9990443	CHR7:9990443	SSF x LoA	-8,48332082	-0,018	0,311
CHR7	9990484	CHR7:9990484	SSF x LoA	-5,9629612	0,000	0,300
CHR7	9990504	CHR7:9990504	SSF x LoA	-9,02250682	-0,049	0,297
CHR7	9990512	CHR7:9990512	SSF x LoA	-11,1356952	-0,035	0,291
CHR7	9990516	CHR7:9990516	SSF x LoA	-10,8526056	-0,012	0,311
CHR7	9993346	CHR7:9993346	SSF x LoA	-6,75498074	-0,085	0,318
CHR7	9993539	CHR7:9993539	SSF x LoA	-8,24453424	0,196	0,298
CHR7	999860	CHR7:999860	SSF x LoA	4,93660445	0,148	0,300
CHR7	999894	CHR7:999894	SSF x LoA	-9,39251513	0,116	0,301
CHR8	1E+07	CHR8:10003252	SSF x LoA	-10,0154689	0,058	0,308
CHR8	1E+07	CHR8:10009202	SSF x LoA	-6,53670848	0,048	0,308
CHR8	1E+07	CHR8:10009241	SSF x LoA	-10,3591563	-0,069	0,322
CHR8	1E+07	CHR8:10009300	SSF x LoA	-5,830952	-0,038	0,320
CHR8	1E+07	CHR8:10038724	SSF x LoA	-9,24547023	0,014	0,300
CHR8	1E+07	CHR8:10038814	SSF x LoA	-8,49915553	-0,105	0,294
CHR8	1E+07	CHR8:10041310	SSF x LoA	-9,02250597	-0,097	0,313
CHR8	1E+07	CHR8:10041341	SSF x LoA	-11,4685453	-0,042	0,299
CHR8	1E+07	CHR8:10041406	SSF x LoA	-8,11399012	0,018	0,307
CHR8	1E+07	CHR8:10041462	SSF x LoA	-8,21423185	-0,025	0,323
CHR8	1E+07	CHR8:10041469	SSF x LoA	-8,00618031	-0,105	0,293
CHR8	1E+07	CHR8:10041476	SSF x LoA	-8,20459746	0,051	0,309
CHR8	1004252	CHR8:1004252	SSF x LoA	-6,77773661	0,107	0,303
CHR8	1004293	CHR8:1004293	SSF x LoA	-10,4174398	-0,011	0,310
CHR8	1E+07	CHR8:10058329	SSF x LoA	-7,9302824	0,142	0,301
CHR8	1E+07	CHR8:10058375	SSF x LoA	-8,07206709	-0,086	0,311
CHR8	1E+07	CHR8:10059547	SSF x LoA	-11,4644073	0,068	0,299

CHR8	1E+07	CHR8:10059642	SSF x LoA	-9,14574347	-0,001	0,297
CHR8	1E+07	CHR8:10059649	SSF x LoA	-11,0784621	0,050	0,310
CHR8	1E+07	CHR8:10068189	SSF x LoA	-10,5602554	-0,017	0,326
CHR8	1E+07	CHR8:10068206	SSF x LoA	-10,9235074	-0,033	0,306
CHR8	1E+07	CHR8:10068208	SSF x LoA	-9,99338438	0,065	0,288
CHR8	1E+07	CHR8:10068210	SSF x LoA	-8,33283844	0,053	0,306
CHR8	1E+07	CHR8:10068211	SSF x LoA	-8,49794495	0,085	0,311
CHR8	1E+07	CHR8:10068225	SSF x LoA	-5,35792563	0,008	0,305
CHR8	1E+07	CHR8:10068234	SSF x LoA	-8,98198437	0,024	0,317
CHR8	1E+07	CHR8:10072895	SSF x LoA	-10,5223662	-0,084	0,309
CHR8	1E+07	CHR8:10072922	SSF x LoA	-6,49159344	-0,076	0,306
CHR8	1E+07	CHR8:10072946	SSF x LoA	-12,1146949	0,023	0,298
CHR8	1E+07	CHR8:10072993	SSF x LoA	-9,00370469	0,048	0,297
CHR8	1E+07	CHR8:10072994	SSF x LoA	-9,1779256	0,011	0,299
CHR8	1E+07	CHR8:10073016	SSF x LoA	-8,79545949	0,040	0,295
CHR8	1E+07	CHR8:10073017	SSF x LoA	-7,57384285	0,033	0,286
CHR8	1E+07	CHR8:10082125	SSF x LoA	-8,09249155	0,066	0,325
CHR8	1E+07	CHR8:10082239	SSF x LoA	-12,5271286	0,032	0,292
CHR8	1E+07	CHR8:10093488	SSF x LoA	-9,76594355	0,023	0,316
CHR8	1E+07	CHR8:10093515	SSF x LoA	-9,51641288	0,039	0,307
CHR8	1E+07	CHR8:10093524	SSF x LoA	-8,28484804	-0,019	0,319
CHR8	1E+07	CHR8:10093533	SSF x LoA	-8,74832547	-0,026	0,320
CHR8	1E+07	CHR8:10093566	SSF x LoA	-9,40284257	0,045	0,317
CHR8	1E+07	CHR8:10093577	SSF x LoA	-6,77538106	-0,134	0,320
CHR8	1E+07	CHR8:10093686	SSF x LoA	-11,5789558	0,040	0,309
CHR8	1E+07	CHR8:10093727	SSF x LoA	-9,07352685	0,014	0,312
CHR8	1E+07	CHR8:10117462	SSF x LoA	-9,72273042	0,000	0,306
CHR8	1E+07	CHR8:10117559	SSF x LoA	-3,90756281	-0,053	0,304
CHR8	1E+07	CHR8:10120033	SSF x LoA	-11,2797327	0,033	0,310
CHR8	1E+07	CHR8:10120160	SSF x LoA	-9,31303328	-0,012	0,304
CHR8	1E+07	CHR8:10120179	SSF x LoA	-8,72392654	0,008	0,311
CHR8	1E+07	CHR8:10132460	SSF x LoA	-8,57179803	0,043	0,299
CHR8	1E+07	CHR8:10132664	SSF x LoA	-10,4325311	0,129	0,300
CHR8	1E+07	CHR8:10142348	SSF x LoA	-8,82932631	0,070	0,309
CHR8	1E+07	CHR8:10145781	SSF x LoA	-11,5395558	-0,019	0,302
CHR8	1E+07	CHR8:10150156	SSF x LoA	-9,05133519	-0,007	0,301
CHR8	1E+07	CHR8:10153835	SSF x LoA	-4,5470196	-0,168	0,295
CHR8	1E+07	CHR8:10153921	SSF x LoA	-8,97952686	0,084	0,301
CHR8	1E+07	CHR8:10153954	SSF x LoA	-1,61771744	0,076	0,314
CHR8	1E+07	CHR8:10164100	SSF x LoA	-8,58412933	-0,197	0,300
CHR8	1E+07	CHR8:10164199	SSF x LoA	-10,0427393	-0,049	0,319
CHR8	1E+07	CHR8:10164256	SSF x LoA	-9,37663955	0,149	0,304
CHR8	1016452	CHR8:1016452	SSF x LoA	-10,1949675	-0,051	0,302
CHR8	1E+07	CHR8:10168439	SSF x LoA	-11,8030221	-0,007	0,306
CHR8	1E+07	CHR8:10168476	SSF x LoA	-3,9991108	-0,123	0,312
CHR8	1E+07	CHR8:10168495	SSF x LoA	-10,1868315	0,022	0,316
CHR8	1E+07	CHR8:10168519	SSF x LoA	-9,41064754	0,064	0,323
CHR8	1E+07	CHR8:10168521	SSF x LoA	-8,5528581	-0,072	0,313
CHR8	1E+07	CHR8:10170251	SSF x LoA	-11,9080811	-0,033	0,299
CHR8	1E+07	CHR8:10171508	SSF x LoA	-7,73640501	0,070	0,311
CHR8	1E+07	CHR8:10171560	SSF x LoA	-11,2979078	-0,016	0,307
CHR8	1E+07	CHR8:10171594	SSF x LoA	-9,3128751	0,034	0,307
CHR8	1E+07	CHR8:10172712	SSF x LoA	-10,8336744	-0,034	0,311

CHR8	1018475	CHR8:1018475	SSF x LoA	-8,83204082	0,027	0,311
CHR8	1018476	CHR8:1018476	SSF x LoA	-8,51402877	0,022	0,322
CHR8	1E+07	CHR8:10191373	SSF x LoA	-8,35524434	0,175	0,301
CHR8	1E+07	CHR8:10191413	SSF x LoA	-10,6558579	0,014	0,299
CHR8	1E+07	CHR8:10191476	SSF x LoA	-11,0583559	0,091	0,312
CHR8	1E+07	CHR8:10191477	SSF x LoA	-6,53714898	0,101	0,317
CHR8	1E+07	CHR8:10191589	SSF x LoA	-8,58678806	0,106	0,300
CHR8	1E+07	CHR8:10191635	SSF x LoA	-4,81372059	-0,203	0,293
CHR8	1E+07	CHR8:10200985	SSF x LoA	-10,9518731	0,076	0,292
CHR8	1E+07	CHR8:10201174	SSF x LoA	-9,69200782	-0,042	0,309
CHR8	1E+07	CHR8:10201230	SSF x LoA	-8,12595445	0,094	0,293
CHR8	1E+07	CHR8:10201238	SSF x LoA	-9,15247593	-0,072	0,297
CHR8	1E+07	CHR8:10201262	SSF x LoA	-8,86327921	0,101	0,297
CHR8	1E+07	CHR8:10201302	SSF x LoA	-11,1930348	-0,080	0,308
CHR8	1021827	CHR8:1021827	SSF x LoA	-4,72693138	0,046	0,304
CHR8	1E+07	CHR8:10231586	SSF x LoA	-7,31490288	-0,002	0,317
CHR8	1E+07	CHR8:10231765	SSF x LoA	-10,0609317	-0,127	0,294
CHR8	1E+07	CHR8:10231774	SSF x LoA	-8,65462669	0,141	0,300
CHR8	1E+07	CHR8:10231798	SSF x LoA	-9,29260035	-0,011	0,308
CHR8	1E+07	CHR8:10231820	SSF x LoA	-6,71551803	0,084	0,313
CHR8	1E+07	CHR8:10244363	SSF x LoA	-10,119334	-0,001	0,317
CHR8	1E+07	CHR8:10244429	SSF x LoA	-10,2675992	-0,038	0,296
CHR8	1E+07	CHR8:10244437	SSF x LoA	-11,5725447	0,069	0,310
CHR8	1E+07	CHR8:10244484	SSF x LoA	-10,1671029	0,047	0,318
CHR8	1E+07	CHR8:10244498	SSF x LoA	-8,56386743	-0,123	0,307
CHR8	1E+07	CHR8:10262234	SSF x LoA	-11,6515003	-0,022	0,310
CHR8	1E+07	CHR8:10262479	SSF x LoA	-9,89832788	0,078	0,306
CHR8	1E+07	CHR8:10265993	SSF x LoA	-9,37630329	0,099	0,308
CHR8	1E+07	CHR8:10266269	SSF x LoA	-11,9409258	0,050	0,303
CHR8	1E+07	CHR8:10267269	SSF x LoA	-9,94859368	-0,101	0,303
CHR8	1E+07	CHR8:10267287	SSF x LoA	-9,48041717	-0,030	0,310
CHR8	1E+07	CHR8:10267310	SSF x LoA	-10,5081434	-0,045	0,307
CHR8	1E+07	CHR8:10269070	SSF x LoA	-9,00673087	-0,030	0,299
CHR8	1E+07	CHR8:10269111	SSF x LoA	-9,3993704	-0,064	0,299
CHR8	1E+07	CHR8:10269134	SSF x LoA	-9,36627795	-0,077	0,296
CHR8	1E+07	CHR8:10269135	SSF x LoA	-6,75018966	-0,119	0,303
CHR8	1E+07	CHR8:10269159	SSF x LoA	-8,68159187	-0,096	0,298
CHR8	1E+07	CHR8:10269165	SSF x LoA	-7,26898408	0,064	0,312
CHR8	1E+07	CHR8:10269267	SSF x LoA	-10,8302302	0,071	0,313
CHR8	1E+07	CHR8:10272361	SSF x LoA	-9,68121409	-0,062	0,299
CHR8	1E+07	CHR8:10272370	SSF x LoA	-7,53017103	-0,120	0,305
CHR8	1E+07	CHR8:10272402	SSF x LoA	-9,18627363	0,009	0,291
CHR8	1E+07	CHR8:10272411	SSF x LoA	-6,46046429	-0,089	0,314
CHR8	1E+07	CHR8:10272478	SSF x LoA	-8,75734342	-0,042	0,303
CHR8	1E+07	CHR8:10276175	SSF x LoA	2,86991325	0,097	0,308
CHR8	1E+07	CHR8:10276196	SSF x LoA	-7,95938989	-0,056	0,292
CHR8	1E+07	CHR8:10276217	SSF x LoA	-9,64818901	-0,002	0,308
CHR8	1E+07	CHR8:10276245	SSF x LoA	-9,21858469	-0,001	0,322
CHR8	1E+07	CHR8:10276251	SSF x LoA	-8,65397646	-0,031	0,301
CHR8	1E+07	CHR8:10276262	SSF x LoA	-9,57655569	-0,003	0,313
CHR8	1E+07	CHR8:10277120	SSF x LoA	-10,8015715	-0,021	0,298
CHR8	1E+07	CHR8:10277121	SSF x LoA	-9,59760238	0,068	0,304
CHR8	1E+07	CHR8:10293364	SSF x LoA	-9,20364308	0,070	0,317

CHR8	1E+07	CHR8:10293421	SSF x LoA	-8,91211989	-0,116	0,294
CHR8	1E+07	CHR8:10295966	SSF x LoA	-9,42257259	-0,073	0,314
CHR8	1E+07	CHR8:10301922	SSF x LoA	-8,15613284	0,086	0,283
CHR8	1E+07	CHR8:10302020	SSF x LoA	-5,35447483	-0,148	0,295
CHR8	1E+07	CHR8:10302119	SSF x LoA	-10,3393035	-0,042	0,317
CHR8	1E+07	CHR8:10307123	SSF x LoA	-9,42928364	-0,007	0,311
CHR8	1E+07	CHR8:10307135	SSF x LoA	-6,03319777	0,027	0,311
CHR8	1E+07	CHR8:10318915	SSF x LoA	-7,16822189	0,101	0,308
CHR8	1E+07	CHR8:10319894	SSF x LoA	-10,0461675	0,022	0,313
CHR8	1E+07	CHR8:10323004	SSF x LoA	-9,29219301	-0,011	0,316
CHR8	1E+07	CHR8:10323031	SSF x LoA	-4,21688469	-0,126	0,299
CHR8	1E+07	CHR8:10323082	SSF x LoA	-11,9224903	-0,067	0,297
CHR8	1E+07	CHR8:10323822	SSF x LoA	-10,0059273	-0,044	0,315
CHR8	1E+07	CHR8:10325925	SSF x LoA	-9,98835693	-0,049	0,309
CHR8	1E+07	CHR8:10326002	SSF x LoA	-11,3263907	0,003	0,304
CHR8	1E+07	CHR8:10350078	SSF x LoA	-8,75045937	0,106	0,301
CHR8	1E+07	CHR8:10350160	SSF x LoA	1,08063496	0,064	0,306
CHR8	1E+07	CHR8:10350196	SSF x LoA	-9,47341707	0,068	0,313
CHR8	1E+07	CHR8:10350217	SSF x LoA	-9,32700622	0,016	0,312
CHR8	1E+07	CHR8:10350224	SSF x LoA	5,96180872	-0,056	0,300
CHR8	1E+07	CHR8:10350226	SSF x LoA	-7,33534869	-0,032	0,313
CHR8	1E+07	CHR8:10350290	SSF x LoA	-8,47689696	-0,036	0,302
CHR8	1E+07	CHR8:10350340	SSF x LoA	-8,7688004	0,042	0,314
CHR8	1E+07	CHR8:10350352	SSF x LoA	-7,79891696	0,106	0,309
CHR8	1E+07	CHR8:10354533	SSF x LoA	-8,7086348	0,063	0,310
CHR8	1E+07	CHR8:10354565	SSF x LoA	-8,9599425	0,147	0,299
CHR8	1E+07	CHR8:10354595	SSF x LoA	-9,99182001	-0,006	0,307
CHR8	1E+07	CHR8:10354710	SSF x LoA	-9,74227297	-0,120	0,309
CHR8	1E+07	CHR8:10356985	SSF x LoA	-11,295481	-0,019	0,305
CHR8	1E+07	CHR8:10357253	SSF x LoA	-11,0757933	0,066	0,306
CHR8	1E+07	CHR8:10361581	SSF x LoA	-8,81873776	-0,101	0,318
CHR8	1E+07	CHR8:10361642	SSF x LoA	-3,11137191	0,016	0,301
CHR8	1E+07	CHR8:10361643	SSF x LoA	-8,29767674	-0,006	0,306
CHR8	1E+07	CHR8:10361649	SSF x LoA	-9,06762829	0,019	0,311
CHR8	1E+07	CHR8:10361684	SSF x LoA	-10,7932902	-0,090	0,306
CHR8	1E+07	CHR8:10361685	SSF x LoA	-7,00426401	-0,046	0,314
CHR8	1E+07	CHR8:10365782	SSF x LoA	-6,59978882	0,034	0,317
CHR8	1E+07	CHR8:10365801	SSF x LoA	-5,8502956	-0,023	0,311
CHR8	1E+07	CHR8:10368461	SSF x LoA	-9,41439019	0,036	0,305
CHR8	1E+07	CHR8:10368473	SSF x LoA	-9,43344679	0,045	0,314
CHR8	1E+07	CHR8:10368516	SSF x LoA	-9,34867656	0,028	0,310
CHR8	1E+07	CHR8:10368558	SSF x LoA	-11,1390952	-0,083	0,302
CHR8	1E+07	CHR8:10368707	SSF x LoA	-9,09929316	-0,036	0,296
CHR8	1037058	CHR8:1037058	SSF x LoA	-11,5081354	-0,059	0,295
CHR8	1037068	CHR8:1037068	SSF x LoA	-9,15050229	0,145	0,306
CHR8	1E+07	CHR8:10371658	SSF x LoA	-10,9242306	0,002	0,308
CHR8	1E+07	CHR8:10373617	SSF x LoA	-7,95778854	0,000	0,309
CHR8	1E+07	CHR8:10373628	SSF x LoA	-10,4699495	0,092	0,298
CHR8	1E+07	CHR8:10373672	SSF x LoA	-9,36641811	0,011	0,306
CHR8	1E+07	CHR8:10373677	SSF x LoA	-9,6122462	0,017	0,304
CHR8	1E+07	CHR8:10373685	SSF x LoA	-10,1237651	-0,027	0,302
CHR8	1E+07	CHR8:10373687	SSF x LoA	-10,1852083	0,015	0,315
CHR8	1E+07	CHR8:10373695	SSF x LoA	-10,8592951	0,071	0,315

CHR8	1E+07	CHR8:10374855	SSF x LoA	-7,30550589	-0,048	0,311
CHR8	1E+07	CHR8:10374875	SSF x LoA	-10,6787691	0,021	0,301
CHR8	1E+07	CHR8:10374894	SSF x LoA	-11,4185598	0,009	0,317
CHR8	1E+07	CHR8:10374895	SSF x LoA	-9,90148712	0,077	0,305
CHR8	1E+07	CHR8:10379874	SSF x LoA	-8,39954046	0,066	0,316
CHR8	1E+07	CHR8:10379901	SSF x LoA	-7,86220877	0,037	0,307
CHR8	1E+07	CHR8:10379905	SSF x LoA	-8,15938028	0,057	0,296
CHR8	1E+07	CHR8:10379906	SSF x LoA	-6,25743764	0,130	0,302
CHR8	1E+07	CHR8:10389080	SSF x LoA	-5,37106738	0,183	0,290
CHR8	1E+07	CHR8:10389088	SSF x LoA	-9,28249414	0,041	0,305
CHR8	1E+07	CHR8:10389114	SSF x LoA	-7,05262658	0,190	0,301
CHR8	1E+07	CHR8:10389133	SSF x LoA	-6,74927451	-0,174	0,308
CHR8	1E+07	CHR8:10389152	SSF x LoA	-10,3436037	-0,154	0,300
CHR8	1E+07	CHR8:10389172	SSF x LoA	-8,58005521	-0,056	0,306
CHR8	1E+07	CHR8:10389195	SSF x LoA	-12,0558694	-0,076	0,307
CHR8	1E+07	CHR8:10396461	SSF x LoA	-9,97835337	0,034	0,311
CHR8	1E+07	CHR8:10401915	SSF x LoA	-8,34078363	-0,024	0,310
CHR8	1E+07	CHR8:10401965	SSF x LoA	-2,53270621	-0,130	0,314
CHR8	1E+07	CHR8:10401983	SSF x LoA	-8,91274893	-0,003	0,312
CHR8	1E+07	CHR8:10401984	SSF x LoA	-8,65087519	-0,053	0,313
CHR8	1E+07	CHR8:10402024	SSF x LoA	-10,3850196	0,125	0,303
CHR8	1040228	CHR8:1040228	SSF x LoA	-8,33368817	0,106	0,297
CHR8	1040251	CHR8:1040251	SSF x LoA	-7,83234313	-0,098	0,308
CHR8	1040314	CHR8:1040314	SSF x LoA	-10,2318793	0,068	0,299
CHR8	1040531	CHR8:1040531	SSF x LoA	-10,4598631	-0,070	0,303
CHR8	1E+07	CHR8:10405468	SSF x LoA	-12,0004944	-0,031	0,313
CHR8	1E+07	CHR8:10405514	SSF x LoA	-11,3742596	0,076	0,290
CHR8	1E+07	CHR8:10405518	SSF x LoA	-10,2515259	-0,050	0,308
CHR8	1E+07	CHR8:10405623	SSF x LoA	-4,77558589	-0,139	0,299
CHR8	1E+07	CHR8:10405634	SSF x LoA	-5,70243958	-0,148	0,301
CHR8	1E+07	CHR8:10405719	SSF x LoA	-7,95708463	-0,062	0,324
CHR8	1E+07	CHR8:10408335	SSF x LoA	-11,9546738	0,034	0,294
CHR8	1E+07	CHR8:10408415	SSF x LoA	-8,71547788	0,027	0,299
CHR8	1E+07	CHR8:10408442	SSF x LoA	-6,40346541	0,115	0,314
CHR8	1E+07	CHR8:10411784	SSF x LoA	-8,08515085	0,125	0,299
CHR8	1E+07	CHR8:10421299	SSF x LoA	-8,51274174	0,043	0,305
CHR8	1E+07	CHR8:10421736	SSF x LoA	-8,30503593	-0,085	0,314
CHR8	1E+07	CHR8:10433025	SSF x LoA	-9,48733647	-0,105	0,307
CHR8	1E+07	CHR8:10433048	SSF x LoA	-4,73690425	0,142	0,294
CHR8	1E+07	CHR8:10433069	SSF x LoA	-10,7534302	-0,063	0,303
CHR8	1E+07	CHR8:10433082	SSF x LoA	-2,57552956	-0,082	0,312
CHR8	1E+07	CHR8:10433111	SSF x LoA	-10,2431376	-0,053	0,309
CHR8	1E+07	CHR8:10433114	SSF x LoA	-9,16306931	-0,088	0,303
CHR8	1E+07	CHR8:10433120	SSF x LoA	-12,4479752	-0,010	0,295
CHR8	1E+07	CHR8:10433150	SSF x LoA	-10,7661496	-0,018	0,316
CHR8	1E+07	CHR8:10433160	SSF x LoA	-8,61256238	-0,058	0,307
CHR8	1E+07	CHR8:10433163	SSF x LoA	-7,72298597	-0,067	0,314
CHR8	1E+07	CHR8:10433198	SSF x LoA	-9,53755164	0,005	0,305
CHR8	1E+07	CHR8:10433213	SSF x LoA	-10,7473583	-0,004	0,312
CHR8	1E+07	CHR8:10433219	SSF x LoA	-9,70446371	-0,049	0,319
CHR8	1E+07	CHR8:10433238	SSF x LoA	-10,1599359	-0,035	0,307
CHR8	1E+07	CHR8:10433241	SSF x LoA	-10,3586584	-0,031	0,300
CHR8	1E+07	CHR8:10433247	SSF x LoA	-9,03899028	-0,045	0,304

CHR8	1E+07	CHR8:10457949	SSF x LoA	-9,76050273	0,020	0,314
CHR8	1E+07	CHR8:10457971	SSF x LoA	-4,58812357	-0,229	0,292
CHR8	1E+07	CHR8:10457982	SSF x LoA	-7,08051673	0,007	0,315
CHR8	1E+07	CHR8:10462450	SSF x LoA	-7,79063681	0,093	0,313
CHR8	1E+07	CHR8:10462457	SSF x LoA	-7,49325897	0,081	0,298
CHR8	1E+07	CHR8:10462482	SSF x LoA	-7,47536894	0,115	0,302
CHR8	1E+07	CHR8:10468722	SSF x LoA	-10,6919563	-0,037	0,306
CHR8	1E+07	CHR8:10468729	SSF x LoA	-5,16751824	-0,023	0,317
CHR8	1E+07	CHR8:10468832	SSF x LoA	-7,65995957	-0,032	0,316
CHR8	1E+07	CHR8:10468872	SSF x LoA	-9,21474311	0,010	0,301
CHR8	1E+07	CHR8:10468890	SSF x LoA	-7,91220587	0,011	0,302
CHR8	1E+07	CHR8:10468902	SSF x LoA	-8,43006909	0,000	0,308
CHR8	1E+07	CHR8:10480049	SSF x LoA	-9,47622146	0,036	0,310
CHR8	1E+07	CHR8:10480200	SSF x LoA	-9,60446084	-0,003	0,281
CHR8	1E+07	CHR8:10483490	SSF x LoA	-8,37939525	0,161	0,293
CHR8	1E+07	CHR8:10483494	SSF x LoA	-6,54298611	0,182	0,303
CHR8	1E+07	CHR8:10483501	SSF x LoA	-10,2990189	-0,001	0,309
CHR8	1E+07	CHR8:10483518	SSF x LoA	-8,37171233	0,126	0,297
CHR8	1E+07	CHR8:10483529	SSF x LoA	-9,34238927	0,103	0,300
CHR8	1E+07	CHR8:10483531	SSF x LoA	-7,49957967	0,105	0,300
CHR8	1E+07	CHR8:10483534	SSF x LoA	-8,1536084	0,081	0,317
CHR8	1E+07	CHR8:10483545	SSF x LoA	-11,581229	0,053	0,316
CHR8	1E+07	CHR8:10483546	SSF x LoA	-7,79771405	-0,070	0,307
CHR8	1E+07	CHR8:10483548	SSF x LoA	-8,00266539	-0,052	0,303
CHR8	1E+07	CHR8:10483572	SSF x LoA	-11,1659485	0,049	0,297
CHR8	1E+07	CHR8:10483586	SSF x LoA	-8,20744452	0,037	0,296
CHR8	1E+07	CHR8:10483588	SSF x LoA	-8,25528651	0,025	0,320
CHR8	1E+07	CHR8:10483643	SSF x LoA	-10,6104589	0,060	0,311
CHR8	1E+07	CHR8:10483662	SSF x LoA	-10,5970524	0,044	0,302
CHR8	1E+07	CHR8:10483678	SSF x LoA	-9,5143023	-0,024	0,304
CHR8	1048665	CHR8:1048665	SSF x LoA	-7,53287912	0,065	0,305
CHR8	1048756	CHR8:1048756	SSF x LoA	-12,2071217	0,004	0,294
CHR8	1048809	CHR8:1048809	SSF x LoA	-9,45754715	0,072	0,305
CHR8	1048840	CHR8:1048840	SSF x LoA	-10,3043947	0,053	0,300
CHR8	1048865	CHR8:1048865	SSF x LoA	-10,0535101	0,067	0,319
CHR8	10502902	CHR8:10502902	SSF x LoA	-9,38416343	-0,013	0,302
CHR8	10502922	CHR8:10502922	SSF x LoA	-10,2721391	0,054	0,319
CHR8	10502973	CHR8:10502973	SSF x LoA	-7,45167946	-0,104	0,299
CHR8	10502976	CHR8:10502976	SSF x LoA	-8,2386831	-0,107	0,317
CHR8	10503085	CHR8:10503085	SSF x LoA	-7,19156943	-0,054	0,313
CHR8	10503098	CHR8:10503098	SSF x LoA	-6,81718395	0,047	0,317
CHR8	10503120	CHR8:10503120	SSF x LoA	-10,5097484	0,155	0,290
CHR8	10503164	CHR8:10503164	SSF x LoA	-9,37797027	-0,067	0,308
CHR8	10503172	CHR8:10503172	SSF x LoA	-10,8558732	0,008	0,309
CHR8	1051114	CHR8:1051114	SSF x LoA	-7,89860646	-0,173	0,297
CHR8	1051157	CHR8:1051157	SSF x LoA	-10,004787	0,030	0,303
CHR8	10513103	CHR8:10513103	SSF x LoA	-9,37092231	0,125	0,297
CHR8	1052027	CHR8:1052027	SSF x LoA	-7,5539143	-0,196	0,304
CHR8	1052065	CHR8:1052065	SSF x LoA	-7,83690689	0,034	0,310
CHR8	10524690	CHR8:10524690	SSF x LoA	-11,1769986	0,066	0,319
CHR8	10524804	CHR8:10524804	SSF x LoA	-9,21701067	0,060	0,299
CHR8	10524832	CHR8:10524832	SSF x LoA	-9,35485971	-0,131	0,315
CHR8	10524845	CHR8:10524845	SSF x LoA	-10,0967426	-0,002	0,310

CHR8	10524858	CHR8:10524858	SSF x LoA	-10,3963296	-0,084	0,319
CHR8	10524866	CHR8:10524866	SSF x LoA	-4,2982382	-0,004	0,306
CHR8	10526859	CHR8:10526859	SSF x LoA	-3,55563991	0,155	0,304
CHR8	10534798	CHR8:10534798	SSF x LoA	-10,1015769	0,058	0,308
CHR8	10534909	CHR8:10534909	SSF x LoA	-8,53823798	-0,020	0,303
CHR8	10534913	CHR8:10534913	SSF x LoA	-0,81791888	0,058	0,300
CHR8	10534916	CHR8:10534916	SSF x LoA	-6,78638083	0,049	0,306
CHR8	10535384	CHR8:10535384	SSF x LoA	-7,38179104	0,105	0,292
CHR8	10535406	CHR8:10535406	SSF x LoA	-5,04382232	-0,177	0,303
CHR8	10535434	CHR8:10535434	SSF x LoA	-7,50091578	0,118	0,302
CHR8	10535435	CHR8:10535435	SSF x LoA	-8,16607557	0,111	0,308
CHR8	10535438	CHR8:10535438	SSF x LoA	-6,89661619	0,105	0,297
CHR8	10535448	CHR8:10535448	SSF x LoA	-8,87295142	0,081	0,325
CHR8	10535492	CHR8:10535492	SSF x LoA	-8,26324615	0,074	0,322
CHR8	10540638	CHR8:10540638	SSF x LoA	-8,89229214	0,061	0,313
CHR8	10540640	CHR8:10540640	SSF x LoA	-8,19106815	-0,045	0,304
CHR8	10540663	CHR8:10540663	SSF x LoA	-9,50713426	-0,008	0,307
CHR8	10540664	CHR8:10540664	SSF x LoA	-7,32297933	-0,035	0,286
CHR8	10540666	CHR8:10540666	SSF x LoA	-8,37872055	0,016	0,310
CHR8	10540689	CHR8:10540689	SSF x LoA	-7,38785887	-0,052	0,298
CHR8	10540692	CHR8:10540692	SSF x LoA	-9,16701183	0,000	0,299
CHR8	10547173	CHR8:10547173	SSF x LoA	-10,8376534	-0,092	0,308
CHR8	10550227	CHR8:10550227	SSF x LoA	-9,22327413	0,062	0,307
CHR8	10550229	CHR8:10550229	SSF x LoA	-4,60478196	-0,141	0,293
CHR8	10550259	CHR8:10550259	SSF x LoA	-9,10977595	-0,068	0,308
CHR8	10550285	CHR8:10550285	SSF x LoA	-9,37342137	-0,026	0,309
CHR8	10550286	CHR8:10550286	SSF x LoA	-8,98310664	-0,149	0,293
CHR8	10550287	CHR8:10550287	SSF x LoA	-9,16107295	-0,023	0,309
CHR8	10550288	CHR8:10550288	SSF x LoA	-7,72372794	-0,016	0,321
CHR8	10550317	CHR8:10550317	SSF x LoA	-4,73760144	0,086	0,301
CHR8	10550340	CHR8:10550340	SSF x LoA	-9,18351878	-0,064	0,300
CHR8	10550719	CHR8:10550719	SSF x LoA	-7,58442551	-0,024	0,317
CHR8	10550791	CHR8:10550791	SSF x LoA	-9,15155111	0,113	0,315
CHR8	10550802	CHR8:10550802	SSF x LoA	-10,3748884	-0,036	0,302
CHR8	10550831	CHR8:10550831	SSF x LoA	-10,8074885	-0,121	0,306
CHR8	10550832	CHR8:10550832	SSF x LoA	-7,43662457	-0,060	0,312
CHR8	10554914	CHR8:10554914	SSF x LoA	-6,99861337	-0,038	0,312
CHR8	10554933	CHR8:10554933	SSF x LoA	-7,82192199	-0,010	0,316
CHR8	10554976	CHR8:10554976	SSF x LoA	-8,31332626	0,140	0,300
CHR8	10554991	CHR8:10554991	SSF x LoA	-8,10929853	0,037	0,309
CHR8	10555024	CHR8:10555024	SSF x LoA	-9,25715356	0,076	0,301
CHR8	10565897	CHR8:10565897	SSF x LoA	-11,0313176	0,027	0,297
CHR8	1056688	CHR8:1056688	SSF x LoA	-9,03583589	-0,075	0,317
CHR8	10568133	CHR8:10568133	SSF x LoA	-8,57041346	0,082	0,316
CHR8	10585361	CHR8:10585361	SSF x LoA	-10,2285429	0,001	0,310
CHR8	10585376	CHR8:10585376	SSF x LoA	-8,53685862	-0,052	0,305
CHR8	10585476	CHR8:10585476	SSF x LoA	-6,7119036	0,073	0,316
CHR8	10585486	CHR8:10585486	SSF x LoA	-7,20189349	-0,015	0,307
CHR8	10585853	CHR8:10585853	SSF x LoA	-8,04891264	0,125	0,301
CHR8	10585982	CHR8:10585982	SSF x LoA	-10,0805448	0,110	0,305
CHR8	1059020	CHR8:1059020	SSF x LoA	-9,94166385	0,007	0,302
CHR8	1059037	CHR8:1059037	SSF x LoA	-8,57649761	0,116	0,295
CHR8	1059159	CHR8:1059159	SSF x LoA	-1,42942289	0,105	0,312

CHR8	10592039	CHR8:10592039	SSF x LoA	-7,54306132	-0,102	0,312
CHR8	10592078	CHR8:10592078	SSF x LoA	-10,9274092	-0,004	0,302
CHR8	10592095	CHR8:10592095	SSF x LoA	-9,2904625	-0,047	0,305
CHR8	10592104	CHR8:10592104	SSF x LoA	-8,72526714	-0,065	0,309
CHR8	10592123	CHR8:10592123	SSF x LoA	-5,47377316	-0,076	0,308
CHR8	10592124	CHR8:10592124	SSF x LoA	-8,16067955	-0,089	0,297
CHR8	10601289	CHR8:10601289	SSF x LoA	-5,1445242	0,165	0,298
CHR8	10601344	CHR8:10601344	SSF x LoA	-3,35322028	0,087	0,301
CHR8	10601362	CHR8:10601362	SSF x LoA	-10,1273854	0,074	0,293
CHR8	10601387	CHR8:10601387	SSF x LoA	-6,23287378	0,156	0,301
CHR8	10601396	CHR8:10601396	SSF x LoA	-9,2857883	0,098	0,298
CHR8	10601398	CHR8:10601398	SSF x LoA	-7,66131517	0,109	0,306
CHR8	10601399	CHR8:10601399	SSF x LoA	-7,90258978	0,132	0,287
CHR8	10601400	CHR8:10601400	SSF x LoA	-7,03026299	0,163	0,292
CHR8	10601417	CHR8:10601417	SSF x LoA	-1,43919844	0,021	0,298
CHR8	10601437	CHR8:10601437	SSF x LoA	-6,16597104	0,144	0,299
CHR8	10601551	CHR8:10601551	SSF x LoA	-8,21324221	0,142	0,297
CHR8	10601580	CHR8:10601580	SSF x LoA	-6,73294231	0,178	0,304
CHR8	10601623	CHR8:10601623	SSF x LoA	-8,40412997	0,073	0,324
CHR8	10601630	CHR8:10601630	SSF x LoA	-11,0268723	-0,011	0,313
CHR8	10601642	CHR8:10601642	SSF x LoA	-6,22297306	0,107	0,318
CHR8	10615191	CHR8:10615191	SSF x LoA	-10,9379374	-0,081	0,307
CHR8	10615192	CHR8:10615192	SSF x LoA	-8,40873472	-0,036	0,318
CHR8	10615194	CHR8:10615194	SSF x LoA	-8,46204014	-0,008	0,301
CHR8	10615577	CHR8:10615577	SSF x LoA	-8,21152206	0,096	0,309
CHR8	10615673	CHR8:10615673	SSF x LoA	-10,5200943	-0,027	0,303
CHR8	10615686	CHR8:10615686	SSF x LoA	-10,0521619	0,035	0,308
CHR8	10615687	CHR8:10615687	SSF x LoA	-11,092155	0,131	0,298
CHR8	10631766	CHR8:10631766	SSF x LoA	-10,212449	-0,035	0,298
CHR8	10631792	CHR8:10631792	SSF x LoA	-5,85306076	-0,103	0,309
CHR8	10631819	CHR8:10631819	SSF x LoA	-6,96807326	-0,086	0,309
CHR8	10631836	CHR8:10631836	SSF x LoA	-9,26089339	-0,050	0,303
CHR8	10631879	CHR8:10631879	SSF x LoA	-10,0120325	0,069	0,304
CHR8	10632377	CHR8:10632377	SSF x LoA	-6,30339486	-0,207	0,290
CHR8	10639114	CHR8:10639114	SSF x LoA	-10,0185163	0,031	0,310
CHR8	10644320	CHR8:10644320	SSF x LoA	-10,9779335	-0,032	0,297
CHR8	10644365	CHR8:10644365	SSF x LoA	-9,09899945	-0,059	0,310
CHR8	10644383	CHR8:10644383	SSF x LoA	-7,82349684	-0,064	0,334
CHR8	10644391	CHR8:10644391	SSF x LoA	-9,89831237	-0,046	0,306
CHR8	10644458	CHR8:10644458	SSF x LoA	-9,19640578	-0,034	0,306
CHR8	10644478	CHR8:10644478	SSF x LoA	-8,77316582	0,067	0,308
CHR8	10644554	CHR8:10644554	SSF x LoA	-9,11688101	-0,011	0,305
CHR8	10664093	CHR8:10664093	SSF x LoA	-9,73871186	-0,066	0,304
CHR8	10664153	CHR8:10664153	SSF x LoA	-8,83287809	0,046	0,290
CHR8	10664188	CHR8:10664188	SSF x LoA	-7,61697661	0,092	0,304
CHR8	10664675	CHR8:10664675	SSF x LoA	-7,96662847	-0,040	0,305
CHR8	10664698	CHR8:10664698	SSF x LoA	-5,89790066	0,011	0,297
CHR8	10664713	CHR8:10664713	SSF x LoA	-10,2033234	0,065	0,304
CHR8	1067160	CHR8:1067160	SSF x LoA	-7,59959384	0,001	0,322
CHR8	1067197	CHR8:1067197	SSF x LoA	-8,36646187	0,021	0,316
CHR8	10674022	CHR8:10674022	SSF x LoA	-7,9689905	0,017	0,311
CHR8	10674183	CHR8:10674183	SSF x LoA	-8,73843087	0,046	0,312
CHR8	10682028	CHR8:10682028	SSF x LoA	-9,93688459	-0,101	0,300

CHR8	10682044	CHR8:10682044	SSF x LoA	-0,36560072	-0,010	0,306
CHR8	10682049	CHR8:10682049	SSF x LoA	-12,0115865	-0,044	0,311
CHR8	10682368	CHR8:10682368	SSF x LoA	-9,94483633	-0,073	0,314
CHR8	10682482	CHR8:10682482	SSF x LoA	-7,85334972	-0,053	0,316
CHR8	10705995	CHR8:10705995	SSF x LoA	-8,07479888	0,014	0,316
CHR8	10706091	CHR8:10706091	SSF x LoA	-8,11675805	0,014	0,303
CHR8	10706141	CHR8:10706141	SSF x LoA	-10,1640853	0,071	0,299
CHR8	10710535	CHR8:10710535	SSF x LoA	-8,40399704	-0,064	0,315
CHR8	10710546	CHR8:10710546	SSF x LoA	-10,7410457	0,055	0,302
CHR8	10720025	CHR8:10720025	SSF x LoA	-6,98699337	0,073	0,308
CHR8	10720055	CHR8:10720055	SSF x LoA	5,99429054	0,296	0,296
CHR8	10720074	CHR8:10720074	SSF x LoA	-2,74528202	0,255	0,289
CHR8	10720192	CHR8:10720192	SSF x LoA	-6,17226847	0,223	0,291
CHR8	10725480	CHR8:10725480	SSF x LoA	-7,68684531	0,071	0,306
CHR8	10725512	CHR8:10725512	SSF x LoA	-6,91255234	0,171	0,302
CHR8	10725542	CHR8:10725542	SSF x LoA	-10,5290975	-0,102	0,309
CHR8	10725696	CHR8:10725696	SSF x LoA	-10,6988603	-0,063	0,298
CHR8	10725752	CHR8:10725752	SSF x LoA	-7,86662803	-0,098	0,302
CHR8	10729565	CHR8:10729565	SSF x LoA	-11,0641177	0,030	0,314
CHR8	10729584	CHR8:10729584	SSF x LoA	-6,2392181	0,013	0,308
CHR8	10729633	CHR8:10729633	SSF x LoA	-7,36208142	-0,022	0,296
CHR8	10729634	CHR8:10729634	SSF x LoA	-8,55770369	-0,012	0,315
CHR8	10729651	CHR8:10729651	SSF x LoA	-9,23086355	0,009	0,305
CHR8	10729652	CHR8:10729652	SSF x LoA	-8,30114875	-0,049	0,310
CHR8	10729669	CHR8:10729669	SSF x LoA	-10,7346695	-0,055	0,299
CHR8	10729672	CHR8:10729672	SSF x LoA	-0,57802121	0,007	0,300
CHR8	10729704	CHR8:10729704	SSF x LoA	-8,65559809	-0,028	0,299
CHR8	10729736	CHR8:10729736	SSF x LoA	-11,013791	-0,030	0,315
CHR8	10729744	CHR8:10729744	SSF x LoA	-8,32088445	-0,007	0,305
CHR8	10729759	CHR8:10729759	SSF x LoA	-11,2991779	-0,030	0,306
CHR8	1073261	CHR8:1073261	SSF x LoA	0,10621802	0,035	0,298
CHR8	1073265	CHR8:1073265	SSF x LoA	-9,02966537	-0,088	0,308
CHR8	1073269	CHR8:1073269	SSF x LoA	-8,66123982	-0,048	0,305
CHR8	1073342	CHR8:1073342	SSF x LoA	-11,7218119	-0,078	0,307
CHR8	10762637	CHR8:10762637	SSF x LoA	-4,4950988	0,131	0,310
CHR8	10765511	CHR8:10765511	SSF x LoA	-5,80234985	-0,116	0,300
CHR8	10773568	CHR8:10773568	SSF x LoA	-11,1557208	-0,070	0,304
CHR8	10783676	CHR8:10783676	SSF x LoA	-9,26293875	-0,057	0,298
CHR8	10783764	CHR8:10783764	SSF x LoA	-8,69785915	0,092	0,303
CHR8	10783872	CHR8:10783872	SSF x LoA	-9,19703555	0,038	0,309
CHR8	10788989	CHR8:10788989	SSF x LoA	-8,73705003	-0,016	0,308
CHR8	10814137	CHR8:10814137	SSF x LoA	-9,61792817	0,031	0,309
CHR8	10814180	CHR8:10814180	SSF x LoA	-7,43788559	-0,085	0,309
CHR8	10814194	CHR8:10814194	SSF x LoA	-8,22886035	0,040	0,320
CHR8	10814217	CHR8:10814217	SSF x LoA	-8,3606597	-0,033	0,302
CHR8	10814269	CHR8:10814269	SSF x LoA	-11,2068318	-0,064	0,315
CHR8	10814336	CHR8:10814336	SSF x LoA	-11,3428363	-0,034	0,314
CHR8	10820026	CHR8:10820026	SSF x LoA	-9,87515517	0,094	0,297
CHR8	10830323	CHR8:10830323	SSF x LoA	-9,64898486	0,113	0,303
CHR8	10830347	CHR8:10830347	SSF x LoA	-7,11958941	-0,096	0,302
CHR8	10830362	CHR8:10830362	SSF x LoA	-8,22728647	-0,045	0,321
CHR8	10830393	CHR8:10830393	SSF x LoA	-3,66946803	-0,074	0,309
CHR8	10830404	CHR8:10830404	SSF x LoA	-10,1742281	-0,072	0,328

CHR8	10830463	CHR8:10830463	SSF x LoA	-10,7545618	0,012	0,310
CHR8	10830569	CHR8:10830569	SSF x LoA	-0,77647977	0,219	0,289
CHR8	10842135	CHR8:10842135	SSF x LoA	-11,6962306	-0,004	0,305
CHR8	10842140	CHR8:10842140	SSF x LoA	-8,40004479	-0,113	0,297
CHR8	10842162	CHR8:10842162	SSF x LoA	-8,65812689	0,099	0,301
CHR8	10842169	CHR8:10842169	SSF x LoA	-9,68561671	0,106	0,302
CHR8	10843465	CHR8:10843465	SSF x LoA	-9,29481826	-0,014	0,306
CHR8	10843484	CHR8:10843484	SSF x LoA	-8,98896778	0,046	0,317
CHR8	10843562	CHR8:10843562	SSF x LoA	-7,7507789	0,014	0,318
CHR8	10843582	CHR8:10843582	SSF x LoA	-9,94762213	-0,008	0,303
CHR8	10847071	CHR8:10847071	SSF x LoA	-4,00337736	-0,111	0,296
CHR8	10853321	CHR8:10853321	SSF x LoA	-9,55056474	0,066	0,307
CHR8	10853328	CHR8:10853328	SSF x LoA	-11,9351242	0,018	0,298
CHR8	10853392	CHR8:10853392	SSF x LoA	-8,93825473	0,021	0,303
CHR8	10853396	CHR8:10853396	SSF x LoA	-7,74518967	0,020	0,309
CHR8	10853415	CHR8:10853415	SSF x LoA	-7,27564178	-0,062	0,303
CHR8	10857407	CHR8:10857407	SSF x LoA	-9,26071232	0,008	0,304
CHR8	10857499	CHR8:10857499	SSF x LoA	-11,7076171	-0,001	0,303
CHR8	10864165	CHR8:10864165	SSF x LoA	-8,69089449	0,027	0,308
CHR8	10864177	CHR8:10864177	SSF x LoA	-9,00496453	0,057	0,314
CHR8	10864189	CHR8:10864189	SSF x LoA	-5,32838144	-0,014	0,297
CHR8	10864204	CHR8:10864204	SSF x LoA	-5,91107418	0,127	0,301
CHR8	10864270	CHR8:10864270	SSF x LoA	-5,52741271	0,152	0,298
CHR8	10864279	CHR8:10864279	SSF x LoA	-9,13625668	-0,034	0,313
CHR8	10864313	CHR8:10864313	SSF x LoA	-5,00603432	-0,032	0,310
CHR8	10864356	CHR8:10864356	SSF x LoA	-8,02837057	-0,074	0,305
CHR8	10869916	CHR8:10869916	SSF x LoA	-10,3554022	0,061	0,316
CHR8	10869935	CHR8:10869935	SSF x LoA	-8,84643309	0,069	0,320
CHR8	10869978	CHR8:10869978	SSF x LoA	-6,59288775	-0,082	0,309
CHR8	1087332	CHR8:1087332	SSF x LoA	-10,1557289	-0,082	0,291
CHR8	10875998	CHR8:10875998	SSF x LoA	-7,35008333	-0,163	0,296
CHR8	10876052	CHR8:10876052	SSF x LoA	-8,68175442	-0,137	0,298
CHR8	10876054	CHR8:10876054	SSF x LoA	-6,01332328	-0,159	0,300
CHR8	10876061	CHR8:10876061	SSF x LoA	-7,10544895	-0,126	0,299
CHR8	10876115	CHR8:10876115	SSF x LoA	-7,34027483	-0,151	0,303
CHR8	1088158	CHR8:1088158	SSF x LoA	-2,75135088	-0,069	0,283
CHR8	10883884	CHR8:10883884	SSF x LoA	-7,32537906	0,135	0,312
CHR8	10883966	CHR8:10883966	SSF x LoA	-9,31401863	0,044	0,312
CHR8	10884032	CHR8:10884032	SSF x LoA	-8,52890343	0,082	0,311
CHR8	10884119	CHR8:10884119	SSF x LoA	-6,65499811	0,085	0,314
CHR8	10886728	CHR8:10886728	SSF x LoA	-11,4455201	-0,004	0,311
CHR8	10886731	CHR8:10886731	SSF x LoA	-11,9125477	-0,038	0,302
CHR8	10886732	CHR8:10886732	SSF x LoA	-8,72612529	0,045	0,312
CHR8	10886763	CHR8:10886763	SSF x LoA	-8,44873898	-0,055	0,305
CHR8	10886790	CHR8:10886790	SSF x LoA	-9,76680506	0,007	0,305
CHR8	10886859	CHR8:10886859	SSF x LoA	-3,98390898	-0,086	0,316
CHR8	10886865	CHR8:10886865	SSF x LoA	-8,8094481	-0,007	0,313
CHR8	10886911	CHR8:10886911	SSF x LoA	-9,01576655	-0,024	0,303
CHR8	10886940	CHR8:10886940	SSF x LoA	-9,01779237	-0,016	0,300
CHR8	10888024	CHR8:10888024	SSF x LoA	-7,26085089	0,100	0,298
CHR8	10891391	CHR8:10891391	SSF x LoA	-10,4483109	-0,145	0,303
CHR8	10903049	CHR8:10903049	SSF x LoA	-9,66993385	0,039	0,309
CHR8	10903085	CHR8:10903085	SSF x LoA	-11,0064464	0,054	0,309

CHR8	10903141	CHR8:10903141	SSF x LoA	-9,23998534	0,152	0,307
CHR8	10906867	CHR8:10906867	SSF x LoA	-8,98886227	-0,089	0,305
CHR8	10906876	CHR8:10906876	SSF x LoA	-7,68289741	0,006	0,306
CHR8	10906938	CHR8:10906938	SSF x LoA	-8,44317076	0,023	0,287
CHR8	10906960	CHR8:10906960	SSF x LoA	-0,9802582	0,011	0,313
CHR8	10908031	CHR8:10908031	SSF x LoA	-8,14320351	-0,031	0,317
CHR8	10908093	CHR8:10908093	SSF x LoA	-8,42957834	-0,044	0,315
CHR8	10914566	CHR8:10914566	SSF x LoA	-9,20411537	-0,019	0,299
CHR8	10914789	CHR8:10914789	SSF x LoA	-9,572242	-0,012	0,309
CHR8	10914838	CHR8:10914838	SSF x LoA	-8,92138364	-0,034	0,299
CHR8	10914843	CHR8:10914843	SSF x LoA	-9,06871862	-0,039	0,294
CHR8	10914871	CHR8:10914871	SSF x LoA	-8,55945037	-0,015	0,310
CHR8	10914875	CHR8:10914875	SSF x LoA	-9,06739257	0,004	0,313
CHR8	10924231	CHR8:10924231	SSF x LoA	-10,973713	0,042	0,298
CHR8	10924235	CHR8:10924235	SSF x LoA	-8,4866232	-0,044	0,308
CHR8	10924314	CHR8:10924314	SSF x LoA	1,91054721	0,122	0,288
CHR8	10924332	CHR8:10924332	SSF x LoA	-8,14594769	0,107	0,289
CHR8	10928810	CHR8:10928810	SSF x LoA	-10,5003041	-0,126	0,294
CHR8	10939520	CHR8:10939520	SSF x LoA	-8,56796112	0,051	0,327
CHR8	10939539	CHR8:10939539	SSF x LoA	-9,38456143	-0,047	0,321
CHR8	10939572	CHR8:10939572	SSF x LoA	-7,26827285	0,016	0,317
CHR8	10955264	CHR8:10955264	SSF x LoA	-8,85105827	0,110	0,305
CHR8	10955275	CHR8:10955275	SSF x LoA	-9,34191528	0,071	0,301
CHR8	10955283	CHR8:10955283	SSF x LoA	-8,46195821	-0,131	0,307
CHR8	10956508	CHR8:10956508	SSF x LoA	-10,8405203	0,082	0,302
CHR8	10956632	CHR8:10956632	SSF x LoA	-9,41882115	-0,001	0,307
CHR8	10956633	CHR8:10956633	SSF x LoA	-9,11398127	0,026	0,313
CHR8	10962320	CHR8:10962320	SSF x LoA	-8,20376581	-0,046	0,321
CHR8	10962340	CHR8:10962340	SSF x LoA	-10,0761304	-0,028	0,315
CHR8	10962544	CHR8:10962544	SSF x LoA	-9,25948952	0,036	0,298
CHR8	10978592	CHR8:10978592	SSF x LoA	-9,87831524	-0,095	0,304
CHR8	10989294	CHR8:10989294	SSF x LoA	-7,65543299	0,119	0,295
CHR8	10989312	CHR8:10989312	SSF x LoA	-8,87698373	0,009	0,314
CHR8	10989321	CHR8:10989321	SSF x LoA	-8,82902256	0,036	0,321
CHR8	10989344	CHR8:10989344	SSF x LoA	-10,5411969	0,116	0,300
CHR8	10989349	CHR8:10989349	SSF x LoA	-8,30168886	0,095	0,322
CHR8	10989440	CHR8:10989440	SSF x LoA	-7,01942433	-0,056	0,319
CHR8	10989502	CHR8:10989502	SSF x LoA	-11,4573861	0,063	0,323
CHR8	11016828	CHR8:11016828	SSF x LoA	-11,0867662	-0,068	0,316
CHR8	11016952	CHR8:11016952	SSF x LoA	-9,40407173	-0,101	0,302
CHR8	11016971	CHR8:11016971	SSF x LoA	8,72803494	-0,093	0,316
CHR8	11016983	CHR8:11016983	SSF x LoA	-6,92202216	-0,121	0,322
CHR8	11018288	CHR8:11018288	SSF x LoA	-9,99873266	-0,034	0,301
CHR8	11018300	CHR8:11018300	SSF x LoA	-7,46004187	-0,105	0,304
CHR8	11018365	CHR8:11018365	SSF x LoA	-10,8338873	-0,041	0,315
CHR8	11018419	CHR8:11018419	SSF x LoA	-10,7404515	0,063	0,303
CHR8	11018507	CHR8:11018507	SSF x LoA	-10,9568665	0,024	0,294
CHR8	11021547	CHR8:11021547	SSF x LoA	-9,23916837	-0,002	0,312
CHR8	11024731	CHR8:11024731	SSF x LoA	-8,95004258	0,013	0,323
CHR8	11024861	CHR8:11024861	SSF x LoA	-10,3097017	-0,025	0,306
CHR8	11030714	CHR8:11030714	SSF x LoA	-10,1924915	-0,059	0,307
CHR8	11030716	CHR8:11030716	SSF x LoA	-8,51574218	-0,154	0,299
CHR8	11030792	CHR8:11030792	SSF x LoA	-9,04213332	-0,058	0,296

CHR8	11035769	CHR8:11035769	SSF x LoA	-9,2750289	0,015	0,311
CHR8	11046234	CHR8:11046234	SSF x LoA	-10,6320703	0,066	0,313
CHR8	11046293	CHR8:11046293	SSF x LoA	-10,9699006	-0,076	0,310
CHR8	11046318	CHR8:11046318	SSF x LoA	-6,2771349	-0,172	0,305
CHR8	11046328	CHR8:11046328	SSF x LoA	-1,40613346	0,205	0,299
CHR8	11063388	CHR8:11063388	SSF x LoA	-8,83489756	0,053	0,312
CHR8	11063576	CHR8:11063576	SSF x LoA	-9,43472297	0,004	0,305
CHR8	11066993	CHR8:11066993	SSF x LoA	-7,10784747	-0,059	0,325
CHR8	11067035	CHR8:11067035	SSF x LoA	-8,42015705	-0,028	0,313
CHR8	11067070	CHR8:11067070	SSF x LoA	-8,0216682	-0,015	0,316
CHR8	11067074	CHR8:11067074	SSF x LoA	-9,97498936	-0,096	0,309
CHR8	11067089	CHR8:11067089	SSF x LoA	-1,68997326	0,084	0,302
CHR8	11067110	CHR8:11067110	SSF x LoA	-9,3265251	-0,025	0,319
CHR8	11067119	CHR8:11067119	SSF x LoA	-8,92787252	-0,002	0,302
CHR8	11069956	CHR8:11069956	SSF x LoA	-9,4398205	-0,070	0,315
CHR8	11070065	CHR8:11070065	SSF x LoA	-8,6691397	-0,034	0,312
CHR8	11070073	CHR8:11070073	SSF x LoA	-7,46088561	-0,157	0,299
CHR8	110727	CHR8:110727	SSF x LoA	-8,76042352	-0,051	0,307
CHR8	1109357	CHR8:1109357	SSF x LoA	-10,9962931	-0,001	0,319
CHR8	1109365	CHR8:1109365	SSF x LoA	-0,14110632	-0,257	0,292
CHR8	1109662	CHR8:1109662	SSF x LoA	-9,52018279	0,052	0,315
CHR8	11098315	CHR8:11098315	SSF x LoA	-10,9433735	-0,078	0,304
CHR8	11098330	CHR8:11098330	SSF x LoA	-8,62977529	-0,046	0,302
CHR8	11098370	CHR8:11098370	SSF x LoA	-11,2522298	-0,055	0,301
CHR8	11098390	CHR8:11098390	SSF x LoA	-10,1746393	-0,076	0,318
CHR8	11098405	CHR8:11098405	SSF x LoA	-9,47033422	0,048	0,300
CHR8	11098421	CHR8:11098421	SSF x LoA	-8,88230779	-0,060	0,318
CHR8	11098448	CHR8:11098448	SSF x LoA	-7,49951736	0,032	0,310
CHR8	11098483	CHR8:11098483	SSF x LoA	-7,58202802	0,008	0,297
CHR8	11098484	CHR8:11098484	SSF x LoA	-8,30493299	-0,097	0,311
CHR8	11098517	CHR8:11098517	SSF x LoA	-8,27859273	0,000	0,315
CHR8	11115555	CHR8:11115555	SSF x LoA	-9,64156463	-0,103	0,309
CHR8	11115596	CHR8:11115596	SSF x LoA	-6,38708094	0,148	0,308
CHR8	11115652	CHR8:11115652	SSF x LoA	-9,16182987	-0,051	0,310
CHR8	11115714	CHR8:11115714	SSF x LoA	-10,3367278	-0,046	0,305
CHR8	11115793	CHR8:11115793	SSF x LoA	-10,4495091	-0,037	0,306
CHR8	11118284	CHR8:11118284	SSF x LoA	-9,2559797	0,025	0,307
CHR8	11122892	CHR8:11122892	SSF x LoA	-11,4313237	-0,093	0,302
CHR8	11122909	CHR8:11122909	SSF x LoA	-10,5649948	-0,147	0,305
CHR8	11123024	CHR8:11123024	SSF x LoA	-2,69300937	0,065	0,294
CHR8	11127442	CHR8:11127442	SSF x LoA	-7,15033943	0,118	0,302
CHR8	11127467	CHR8:11127467	SSF x LoA	-8,33522102	0,040	0,314
CHR8	11133050	CHR8:11133050	SSF x LoA	-10,2558236	0,007	0,314
CHR8	11133081	CHR8:11133081	SSF x LoA	-7,72308327	-0,021	0,316
CHR8	11133087	CHR8:11133087	SSF x LoA	-9,45530644	-0,028	0,310
CHR8	11133115	CHR8:11133115	SSF x LoA	-10,6768223	-0,050	0,296
CHR8	11146625	CHR8:11146625	SSF x LoA	-7,43910153	-0,092	0,323
CHR8	11146701	CHR8:11146701	SSF x LoA	-8,78125886	0,044	0,312
CHR8	11146713	CHR8:11146713	SSF x LoA	-8,2483531	-0,131	0,309
CHR8	11146768	CHR8:11146768	SSF x LoA	-9,46580102	0,029	0,294
CHR8	11146806	CHR8:11146806	SSF x LoA	0,87434954	0,155	0,303
CHR8	11146826	CHR8:11146826	SSF x LoA	-10,5501574	0,076	0,324
CHR8	11148178	CHR8:11148178	SSF x LoA	-9,94327842	-0,080	0,306

CHR8	11158179	CHR8:11158179	SSF x LoA	-9,06415294	-0,037	0,316
CHR8	11158320	CHR8:11158320	SSF x LoA	-6,52266254	-0,026	0,306
CHR8	11165090	CHR8:11165090	SSF x LoA	-8,9481747	0,045	0,326
CHR8	11165094	CHR8:11165094	SSF x LoA	-9,64913214	-0,016	0,313
CHR8	11165106	CHR8:11165106	SSF x LoA	-10,1339271	-0,008	0,299
CHR8	11165109	CHR8:11165109	SSF x LoA	-7,99437047	0,045	0,312
CHR8	11165122	CHR8:11165122	SSF x LoA	-9,64416895	-0,080	0,313
CHR8	11165149	CHR8:11165149	SSF x LoA	-7,97210018	0,049	0,310
CHR8	11165197	CHR8:11165197	SSF x LoA	-8,93820201	0,052	0,312
CHR8	11165204	CHR8:11165204	SSF x LoA	-6,80877703	0,034	0,319
CHR8	11171304	CHR8:11171304	SSF x LoA	-7,2027628	-0,133	0,304
CHR8	11171366	CHR8:11171366	SSF x LoA	-10,6930361	0,026	0,310
CHR8	11171403	CHR8:11171403	SSF x LoA	-8,67507454	-0,056	0,305
CHR8	1117832	CHR8:1117832	SSF x LoA	-10,344745	-0,087	0,296
CHR8	1117846	CHR8:1117846	SSF x LoA	-10,1164024	0,035	0,312
CHR8	1117875	CHR8:1117875	SSF x LoA	-9,93465822	0,052	0,303
CHR8	1117902	CHR8:1117902	SSF x LoA	-9,40133192	-0,036	0,303
CHR8	1117904	CHR8:1117904	SSF x LoA	-10,9649483	-0,046	0,298
CHR8	1119561	CHR8:1119561	SSF x LoA	-11,1333239	-0,035	0,299
CHR8	1120482	CHR8:1120482	SSF x LoA	-9,138264	0,197	0,288
CHR8	1120532	CHR8:1120532	SSF x LoA	-7,93405723	0,000	0,300
CHR8	11217162	CHR8:11217162	SSF x LoA	-9,50826854	0,055	0,316
CHR8	11217172	CHR8:11217172	SSF x LoA	-9,0351282	0,048	0,303
CHR8	11217194	CHR8:11217194	SSF x LoA	-8,13053799	0,025	0,305
CHR8	11217206	CHR8:11217206	SSF x LoA	-7,62379962	0,033	0,310
CHR8	11217240	CHR8:11217240	SSF x LoA	-8,83338152	0,032	0,304
CHR8	11217258	CHR8:11217258	SSF x LoA	-8,10560617	0,042	0,313
CHR8	11217398	CHR8:11217398	SSF x LoA	-9,52984633	-0,065	0,302
CHR8	11221780	CHR8:11221780	SSF x LoA	-9,37414052	-0,039	0,300
CHR8	11243783	CHR8:11243783	SSF x LoA	-9,13054003	0,111	0,306
CHR8	11243912	CHR8:11243912	SSF x LoA	-8,41212849	-0,061	0,304
CHR8	11243919	CHR8:11243919	SSF x LoA	-8,57063911	0,048	0,319
CHR8	11243930	CHR8:11243930	SSF x LoA	-7,53032775	-0,189	0,294
CHR8	11243935	CHR8:11243935	SSF x LoA	-8,50460114	0,093	0,317
CHR8	11243937	CHR8:11243937	SSF x LoA	-8,94732016	-0,029	0,311
CHR8	11243940	CHR8:11243940	SSF x LoA	-9,26770265	0,043	0,303
CHR8	11243968	CHR8:11243968	SSF x LoA	-9,26378511	0,021	0,304
CHR8	11243984	CHR8:11243984	SSF x LoA	-9,47696064	0,060	0,307
CHR8	11243985	CHR8:11243985	SSF x LoA	-9,43413268	0,055	0,306
CHR8	11243998	CHR8:11243998	SSF x LoA	-9,98408516	0,027	0,294
CHR8	11244002	CHR8:11244002	SSF x LoA	-8,40573087	-0,106	0,308
CHR8	11244029	CHR8:11244029	SSF x LoA	-9,09688715	0,042	0,308
CHR8	11244030	CHR8:11244030	SSF x LoA	-8,23088726	-0,169	0,300
CHR8	11249197	CHR8:11249197	SSF x LoA	-7,57636029	-0,063	0,313
CHR8	11249234	CHR8:11249234	SSF x LoA	-7,80378628	0,034	0,305
CHR8	1125716	CHR8:1125716	SSF x LoA	-10,702242	0,010	0,306
CHR8	11258894	CHR8:11258894	SSF x LoA	-11,7343085	-0,007	0,309
CHR8	11259069	CHR8:11259069	SSF x LoA	-7,5166824	0,148	0,288
CHR8	11266993	CHR8:11266993	SSF x LoA	-9,07803697	0,039	0,307
CHR8	11267064	CHR8:11267064	SSF x LoA	-10,5117472	-0,005	0,307
CHR8	11267101	CHR8:11267101	SSF x LoA	-9,53826341	-0,108	0,303
CHR8	11267103	CHR8:11267103	SSF x LoA	-7,68495344	0,042	0,313
CHR8	11273397	CHR8:11273397	SSF x LoA	-10,5531055	0,078	0,290

CHR8	11273422	CHR8:11273422	SSF x LoA	-8,84350286	0,092	0,297
CHR8	11273445	CHR8:11273445	SSF x LoA	-10,8540214	0,047	0,302
CHR8	11273524	CHR8:11273524	SSF x LoA	-1,55197929	-0,169	0,293
CHR8	11273533	CHR8:11273533	SSF x LoA	-7,60979945	-0,077	0,294
CHR8	11273536	CHR8:11273536	SSF x LoA	-8,83712123	0,107	0,305
CHR8	11273594	CHR8:11273594	SSF x LoA	7,14643204	0,111	0,307
CHR8	11273599	CHR8:11273599	SSF x LoA	-8,80018663	-0,074	0,285
CHR8	11287477	CHR8:11287477	SSF x LoA	-8,72293356	0,070	0,304
CHR8	11287799	CHR8:11287799	SSF x LoA	-7,22149893	0,018	0,321
CHR8	11293690	CHR8:11293690	SSF x LoA	-8,74340569	0,066	0,313
CHR8	11293745	CHR8:11293745	SSF x LoA	-9,645214	-0,139	0,302
CHR8	11293804	CHR8:11293804	SSF x LoA	-10,7262477	-0,064	0,303
CHR8	11297883	CHR8:11297883	SSF x LoA	-10,7419009	0,070	0,307
CHR8	11297915	CHR8:11297915	SSF x LoA	-6,2657183	0,176	0,297
CHR8	11299412	CHR8:11299412	SSF x LoA	-8,82186448	-0,072	0,306
CHR8	11299436	CHR8:11299436	SSF x LoA	-8,18958458	0,037	0,298
CHR8	11299460	CHR8:11299460	SSF x LoA	-9,14595785	-0,078	0,303
CHR8	11299467	CHR8:11299467	SSF x LoA	-8,08062003	0,065	0,318
CHR8	11307694	CHR8:11307694	SSF x LoA	-10,0990564	-0,073	0,302
CHR8	11307739	CHR8:11307739	SSF x LoA	-7,63924026	-0,039	0,304
CHR8	11320443	CHR8:11320443	SSF x LoA	-9,40421915	0,003	0,310
CHR8	11320616	CHR8:11320616	SSF x LoA	-8,16642512	0,082	0,311
CHR8	11320634	CHR8:11320634	SSF x LoA	-9,61428283	-0,043	0,307
CHR8	11322257	CHR8:11322257	SSF x LoA	-10,8784016	0,005	0,306
CHR8	11322275	CHR8:11322275	SSF x LoA	-10,9186764	0,014	0,322
CHR8	11322276	CHR8:11322276	SSF x LoA	-11,2651812	0,018	0,305
CHR8	11328144	CHR8:11328144	SSF x LoA	-8,97942984	0,091	0,297
CHR8	11328153	CHR8:11328153	SSF x LoA	-10,0109395	-0,016	0,311
CHR8	11328208	CHR8:11328208	SSF x LoA	-8,27535609	-0,084	0,303
CHR8	11328533	CHR8:11328533	SSF x LoA	-7,90846726	-0,097	0,300
CHR8	1133027	CHR8:1133027	SSF x LoA	-7,01272566	-0,133	0,301
CHR8	11330496	CHR8:11330496	SSF x LoA	-8,99943431	-0,039	0,308
CHR8	11330552	CHR8:11330552	SSF x LoA	-8,70268653	0,029	0,310
CHR8	11330580	CHR8:11330580	SSF x LoA	-7,17886555	0,068	0,319
CHR8	1133103	CHR8:1133103	SSF x LoA	-6,69175921	-0,065	0,317
CHR8	11337253	CHR8:11337253	SSF x LoA	-10,3977904	0,024	0,309
CHR8	11337436	CHR8:11337436	SSF x LoA	-8,80559321	0,035	0,315
CHR8	11337454	CHR8:11337454	SSF x LoA	-10,6260524	0,051	0,296
CHR8	11337460	CHR8:11337460	SSF x LoA	-8,28231711	-0,026	0,307
CHR8	11337505	CHR8:11337505	SSF x LoA	-7,93831766	-0,055	0,320
CHR8	11349030	CHR8:11349030	SSF x LoA	-1,34231345	-0,200	0,286
CHR8	11349090	CHR8:11349090	SSF x LoA	-8,31861275	0,116	0,291
CHR8	11352821	CHR8:11352821	SSF x LoA	-8,72481838	0,049	0,319
CHR8	11355060	CHR8:11355060	SSF x LoA	-9,91637615	0,084	0,315
CHR8	11355240	CHR8:11355240	SSF x LoA	-10,1655593	-0,009	0,308
CHR8	11355276	CHR8:11355276	SSF x LoA	-10,1701122	-0,044	0,303
CHR8	11355295	CHR8:11355295	SSF x LoA	-10,323711	0,117	0,305
CHR8	11355304	CHR8:11355304	SSF x LoA	-8,3277792	-0,055	0,300
CHR8	11364523	CHR8:11364523	SSF x LoA	-7,25188275	-0,125	0,294
CHR8	11364542	CHR8:11364542	SSF x LoA	-11,2529313	0,012	0,307
CHR8	11364554	CHR8:11364554	SSF x LoA	-7,840106	0,135	0,317
CHR8	11364574	CHR8:11364574	SSF x LoA	-10,3788322	-0,064	0,315
CHR8	11367041	CHR8:11367041	SSF x LoA	-8,68770958	0,049	0,306

CHR8	11367091	CHR8:11367091	SSF x LoA	-9,83594652	0,053	0,310
CHR8	11367502	CHR8:11367502	SSF x LoA	-10,1702297	0,026	0,300
CHR8	11367519	CHR8:11367519	SSF x LoA	-9,32939521	0,017	0,314
CHR8	11367537	CHR8:11367537	SSF x LoA	-10,5822453	0,038	0,298
CHR8	11367541	CHR8:11367541	SSF x LoA	-8,74280659	0,044	0,305
CHR8	11367549	CHR8:11367549	SSF x LoA	-9,18411603	0,064	0,311
CHR8	11374082	CHR8:11374082	SSF x LoA	-8,60866867	-0,063	0,312
CHR8	11382673	CHR8:11382673	SSF x LoA	-6,05284565	-0,097	0,319
CHR8	11388001	CHR8:11388001	SSF x LoA	-11,8046195	-0,040	0,317
CHR8	11392088	CHR8:11392088	SSF x LoA	-9,81249702	-0,105	0,301
CHR8	11392110	CHR8:11392110	SSF x LoA	-7,32090903	-0,085	0,302
CHR8	11392196	CHR8:11392196	SSF x LoA	-5,05334046	-0,102	0,299
CHR8	11410522	CHR8:11410522	SSF x LoA	-5,94592479	-0,088	0,314
CHR8	1141899	CHR8:1141899	SSF x LoA	-2,25508733	-0,200	0,299
CHR8	1142029	CHR8:1142029	SSF x LoA	-8,3403485	-0,069	0,308
CHR8	1142032	CHR8:1142032	SSF x LoA	-9,86518663	-0,104	0,297
CHR8	1142033	CHR8:1142033	SSF x LoA	-8,783305	-0,059	0,311
CHR8	1142121	CHR8:1142121	SSF x LoA	-10,7319864	0,025	0,306
CHR8	11430682	CHR8:11430682	SSF x LoA	-10,9137896	-0,004	0,314
CHR8	11430763	CHR8:11430763	SSF x LoA	-9,1575611	-0,011	0,309
CHR8	11435287	CHR8:11435287	SSF x LoA	-8,47225655	0,000	0,324
CHR8	11435304	CHR8:11435304	SSF x LoA	-7,7056163	0,080	0,311
CHR8	11435379	CHR8:11435379	SSF x LoA	-10,2780854	0,093	0,304
CHR8	11435400	CHR8:11435400	SSF x LoA	-6,16951216	-0,111	0,304
CHR8	11435501	CHR8:11435501	SSF x LoA	-8,78616693	0,021	0,317
CHR8	11435522	CHR8:11435522	SSF x LoA	-8,69074438	0,025	0,309
CHR8	11435533	CHR8:11435533	SSF x LoA	-8,44217581	0,036	0,313
CHR8	11435564	CHR8:11435564	SSF x LoA	-7,6998013	0,033	0,311
CHR8	11435595	CHR8:11435595	SSF x LoA	-12,0531426	-0,030	0,306
CHR8	11435597	CHR8:11435597	SSF x LoA	-9,68443169	0,028	0,296
CHR8	11439744	CHR8:11439744	SSF x LoA	-12,3443238	-0,040	0,308
CHR8	11439893	CHR8:11439893	SSF x LoA	-5,39919908	0,169	0,303
CHR8	11445061	CHR8:11445061	SSF x LoA	-9,91994303	0,035	0,318
CHR8	11445249	CHR8:11445249	SSF x LoA	-8,9866469	-0,082	0,309
CHR8	11445268	CHR8:11445268	SSF x LoA	-7,35745758	-0,132	0,311
CHR8	11445278	CHR8:11445278	SSF x LoA	-3,07634906	-0,022	0,318
CHR8	11445288	CHR8:11445288	SSF x LoA	-9,44357041	-0,053	0,307
CHR8	11452467	CHR8:11452467	SSF x LoA	-9,97543089	-0,052	0,312
CHR8	11460326	CHR8:11460326	SSF x LoA	-8,58352387	-0,024	0,315
CHR8	11460382	CHR8:11460382	SSF x LoA	-9,56934191	0,139	0,295
CHR8	11460580	CHR8:11460580	SSF x LoA	-9,55101547	0,045	0,311
CHR8	11471831	CHR8:11471831	SSF x LoA	-8,84199254	-0,015	0,311
CHR8	11471984	CHR8:11471984	SSF x LoA	-8,1225243	0,106	0,317
CHR8	11472054	CHR8:11472054	SSF x LoA	-10,2198707	0,018	0,317
CHR8	11476984	CHR8:11476984	SSF x LoA	-10,0512975	0,029	0,308
CHR8	11477003	CHR8:11477003	SSF x LoA	-11,4864516	-0,037	0,314
CHR8	11477017	CHR8:11477017	SSF x LoA	-11,6824555	-0,010	0,301
CHR8	11477030	CHR8:11477030	SSF x LoA	-3,30610112	-0,225	0,299
CHR8	11477062	CHR8:11477062	SSF x LoA	-11,3580538	-0,014	0,310
CHR8	11477103	CHR8:11477103	SSF x LoA	-5,92902912	-0,205	0,291
CHR8	11477106	CHR8:11477106	SSF x LoA	6,40413852	0,088	0,291
CHR8	11477144	CHR8:11477144	SSF x LoA	-7,92728814	0,086	0,306
CHR8	11479683	CHR8:11479683	SSF x LoA	-8,83821189	-0,053	0,307

CHR8	11479695	CHR8:11479695	SSF x LoA	-7,71856674	-0,107	0,302
CHR8	11479728	CHR8:11479728	SSF x LoA	-5,94244141	-0,188	0,295
CHR8	11479729	CHR8:11479729	SSF x LoA	-5,94094949	-0,194	0,301
CHR8	11479737	CHR8:11479737	SSF x LoA	-6,09196525	-0,210	0,302
CHR8	11479746	CHR8:11479746	SSF x LoA	-8,05677251	-0,170	0,291
CHR8	11479780	CHR8:11479780	SSF x LoA	-7,78228892	-0,062	0,303
CHR8	11479817	CHR8:11479817	SSF x LoA	-7,6851477	-0,052	0,310
CHR8	11479887	CHR8:11479887	SSF x LoA	-8,11952933	0,142	0,304
CHR8	11488300	CHR8:11488300	SSF x LoA	-8,71003331	0,003	0,296
CHR8	11488303	CHR8:11488303	SSF x LoA	-8,44489752	0,017	0,296
CHR8	11488343	CHR8:11488343	SSF x LoA	-8,59537852	-0,001	0,301
CHR8	11488355	CHR8:11488355	SSF x LoA	-8,69338367	0,009	0,294
CHR8	11488364	CHR8:11488364	SSF x LoA	-10,6102003	-0,048	0,294
CHR8	11488385	CHR8:11488385	SSF x LoA	-8,9704511	-0,011	0,305
CHR8	11491786	CHR8:11491786	SSF x LoA	-8,35246691	-0,041	0,304
CHR8	11494095	CHR8:11494095	SSF x LoA	-10,4253245	-0,133	0,303
CHR8	11494169	CHR8:11494169	SSF x LoA	-10,0945424	0,058	0,315
CHR8	11494189	CHR8:11494189	SSF x LoA	-0,02949823	0,108	0,301
CHR8	11494204	CHR8:11494204	SSF x LoA	-9,75377683	0,011	0,313
CHR8	11494254	CHR8:11494254	SSF x LoA	-7,82307623	-0,157	0,291
CHR8	11494282	CHR8:11494282	SSF x LoA	-8,45996168	-0,054	0,300
CHR8	11494286	CHR8:11494286	SSF x LoA	-7,75165308	-0,057	0,317
CHR8	11494342	CHR8:11494342	SSF x LoA	-7,9912254	-0,122	0,311
CHR8	11494348	CHR8:11494348	SSF x LoA	-8,49999204	-0,015	0,313
CHR8	1150882	CHR8:1150882	SSF x LoA	-10,8179174	-0,035	0,299
CHR8	1151067	CHR8:1151067	SSF x LoA	-8,26438445	0,041	0,319
CHR8	11513316	CHR8:11513316	SSF x LoA	-10,4345439	0,054	0,304
CHR8	11522750	CHR8:11522750	SSF x LoA	-9,67449806	-0,014	0,302
CHR8	11527586	CHR8:11527586	SSF x LoA	-6,22271348	0,096	0,299
CHR8	1153490	CHR8:1153490	SSF x LoA	-12,0394127	-0,051	0,292
CHR8	11541983	CHR8:11541983	SSF x LoA	-9,43291798	0,034	0,314
CHR8	11542000	CHR8:11542000	SSF x LoA	-9,93113792	0,033	0,317
CHR8	11542200	CHR8:11542200	SSF x LoA	-6,27655486	0,068	0,315
CHR8	11542218	CHR8:11542218	SSF x LoA	-6,04199336	0,061	0,316
CHR8	11548261	CHR8:11548261	SSF x LoA	-8,75715087	0,065	0,315
CHR8	11555737	CHR8:11555737	SSF x LoA	-10,8004753	0,009	0,311
CHR8	11555771	CHR8:11555771	SSF x LoA	-11,0444318	-0,058	0,306
CHR8	11555828	CHR8:11555828	SSF x LoA	-8,45438567	0,072	0,304
CHR8	11564460	CHR8:11564460	SSF x LoA	-8,5049839	0,034	0,304
CHR8	11564465	CHR8:11564465	SSF x LoA	-8,47758257	0,044	0,311
CHR8	11564617	CHR8:11564617	SSF x LoA	-8,86888481	0,094	0,308
CHR8	1157976	CHR8:1157976	SSF x LoA	-8,95477089	0,045	0,306
CHR8	11580037	CHR8:11580037	SSF x LoA	-9,01873911	0,023	0,304
CHR8	1158066	CHR8:1158066	SSF x LoA	-11,6495029	-0,034	0,303
CHR8	11581535	CHR8:11581535	SSF x LoA	-9,97396149	0,099	0,316
CHR8	11581538	CHR8:11581538	SSF x LoA	-7,89204983	0,205	0,306
CHR8	11581560	CHR8:11581560	SSF x LoA	-9,20679215	0,062	0,309
CHR8	11581608	CHR8:11581608	SSF x LoA	-10,5835633	-0,059	0,305
CHR8	11581616	CHR8:11581616	SSF x LoA	-10,7237242	-0,047	0,295
CHR8	11581638	CHR8:11581638	SSF x LoA	-10,8918599	-0,027	0,299
CHR8	11587509	CHR8:11587509	SSF x LoA	-10,5818015	-0,096	0,313
CHR8	11587667	CHR8:11587667	SSF x LoA	-11,4215257	-0,018	0,296
CHR8	11587712	CHR8:11587712	SSF x LoA	-11,1250245	0,011	0,307

CHR8	11595000	CHR8:11595000	SSF x LoA	-9,92792502	0,020	0,310
CHR8	11595001	CHR8:11595001	SSF x LoA	-11,6327144	0,046	0,311
CHR8	11595025	CHR8:11595025	SSF x LoA	-10,1704043	0,012	0,308
CHR8	11595032	CHR8:11595032	SSF x LoA	-11,8251631	0,067	0,307
CHR8	11595042	CHR8:11595042	SSF x LoA	-10,8865314	0,072	0,302
CHR8	11595053	CHR8:11595053	SSF x LoA	-10,9463988	-0,030	0,319
CHR8	11595059	CHR8:11595059	SSF x LoA	-5,76655948	-0,093	0,292
CHR8	11603038	CHR8:11603038	SSF x LoA	-10,5271484	0,142	0,282
CHR8	11603059	CHR8:11603059	SSF x LoA	-9,15412252	0,085	0,309
CHR8	1161574	CHR8:1161574	SSF x LoA	-9,10210677	0,062	0,308
CHR8	1161606	CHR8:1161606	SSF x LoA	-6,67709804	-0,031	0,299
CHR8	1161663	CHR8:1161663	SSF x LoA	-10,3410032	0,081	0,303
CHR8	1161845	CHR8:1161845	SSF x LoA	-11,59024	0,072	0,309
CHR8	11634665	CHR8:11634665	SSF x LoA	-9,91755618	0,098	0,304
CHR8	11642275	CHR8:11642275	SSF x LoA	-8,47137927	-0,004	0,306
CHR8	11644825	CHR8:11644825	SSF x LoA	-8,86574029	0,003	0,309
CHR8	11644837	CHR8:11644837	SSF x LoA	-8,15425198	-0,030	0,296
CHR8	11646446	CHR8:11646446	SSF x LoA	-10,2952104	0,009	0,300
CHR8	11657204	CHR8:11657204	SSF x LoA	-11,6381207	-0,037	0,309
CHR8	11660899	CHR8:11660899	SSF x LoA	-9,87289953	-0,122	0,301
CHR8	11661908	CHR8:11661908	SSF x LoA	-7,28974129	0,126	0,295
CHR8	11661997	CHR8:11661997	SSF x LoA	-10,5428471	0,044	0,302
CHR8	1166961	CHR8:1166961	SSF x LoA	2,56865288	-0,211	0,286
CHR8	1167007	CHR8:1167007	SSF x LoA	-6,97223608	0,044	0,324
CHR8	1167011	CHR8:1167011	SSF x LoA	-8,64846028	0,049	0,309
CHR8	11691787	CHR8:11691787	SSF x LoA	-8,41657071	0,074	0,317
CHR8	11691941	CHR8:11691941	SSF x LoA	-9,30359808	-0,012	0,313
CHR8	11701982	CHR8:11701982	SSF x LoA	-11,6399809	-0,005	0,305
CHR8	11702012	CHR8:11702012	SSF x LoA	-8,10770107	0,075	0,304
CHR8	11702039	CHR8:11702039	SSF x LoA	-9,00873905	0,042	0,302
CHR8	11702068	CHR8:11702068	SSF x LoA	-10,0818342	0,077	0,296
CHR8	11702114	CHR8:11702114	SSF x LoA	-9,60146685	-0,101	0,314
CHR8	11702166	CHR8:11702166	SSF x LoA	-10,0704956	0,054	0,330
CHR8	11705632	CHR8:11705632	SSF x LoA	-8,94211086	-0,077	0,306
CHR8	11705649	CHR8:11705649	SSF x LoA	-10,2431283	-0,055	0,303
CHR8	11705655	CHR8:11705655	SSF x LoA	-9,99708417	-0,049	0,316
CHR8	11705678	CHR8:11705678	SSF x LoA	-10,2605577	-0,044	0,310
CHR8	11717415	CHR8:11717415	SSF x LoA	-9,70206421	0,138	0,292
CHR8	11717422	CHR8:11717422	SSF x LoA	-9,64854473	0,129	0,301
CHR8	11717443	CHR8:11717443	SSF x LoA	-10,0051945	-0,025	0,304
CHR8	11717582	CHR8:11717582	SSF x LoA	-10,2773968	-0,019	0,304
CHR8	11729790	CHR8:11729790	SSF x LoA	-10,5640708	-0,067	0,302
CHR8	11729865	CHR8:11729865	SSF x LoA	-9,0448771	-0,087	0,293
CHR8	11729877	CHR8:11729877	SSF x LoA	-8,11988757	-0,037	0,298
CHR8	11729896	CHR8:11729896	SSF x LoA	-11,3514793	-0,066	0,291
CHR8	11729903	CHR8:11729903	SSF x LoA	-4,80176838	0,173	0,302
CHR8	11729943	CHR8:11729943	SSF x LoA	-9,05933778	-0,052	0,300
CHR8	11731118	CHR8:11731118	SSF x LoA	-7,92417695	0,191	0,294
CHR8	11734851	CHR8:11734851	SSF x LoA	-9,13275925	0,015	0,301
CHR8	11734865	CHR8:11734865	SSF x LoA	-9,00186357	0,029	0,304
CHR8	11734871	CHR8:11734871	SSF x LoA	-7,02070036	-0,112	0,323
CHR8	11734991	CHR8:11734991	SSF x LoA	-7,95332224	-0,098	0,308
CHR8	11753895	CHR8:11753895	SSF x LoA	-8,59555004	-0,047	0,313

CHR8	11753905	CHR8:11753905	SSF x LoA	-9,88652093	-0,031	0,299
CHR8	11753913	CHR8:11753913	SSF x LoA	-8,53892861	-0,049	0,304
CHR8	11753936	CHR8:11753936	SSF x LoA	-9,44975409	-0,066	0,309
CHR8	11753937	CHR8:11753937	SSF x LoA	-9,60702994	-0,048	0,307
CHR8	1175636	CHR8:1175636	SSF x LoA	-5,74270445	0,076	0,315
CHR8	1175658	CHR8:1175658	SSF x LoA	-9,81536344	-0,068	0,304
CHR8	1175659	CHR8:1175659	SSF x LoA	-8,12170376	-0,117	0,302
CHR8	11756742	CHR8:11756742	SSF x LoA	-8,0740489	-0,055	0,317
CHR8	11756745	CHR8:11756745	SSF x LoA	-9,47832955	-0,038	0,303
CHR8	11756761	CHR8:11756761	SSF x LoA	-10,1910516	-0,060	0,300
CHR8	11756830	CHR8:11756830	SSF x LoA	-9,99438619	-0,051	0,293
CHR8	1175695	CHR8:1175695	SSF x LoA	-5,50695442	-0,223	0,288
CHR8	1175701	CHR8:1175701	SSF x LoA	-7,87162107	-0,059	0,303
CHR8	1175708	CHR8:1175708	SSF x LoA	-10,2024022	-0,096	0,299
CHR8	1175717	CHR8:1175717	SSF x LoA	-9,9245015	-0,091	0,306
CHR8	1175753	CHR8:1175753	SSF x LoA	-10,5597553	-0,113	0,306
CHR8	1180256	CHR8:1180256	SSF x LoA	-10,4866116	-0,082	0,299
CHR8	1180296	CHR8:1180296	SSF x LoA	-5,84073227	0,040	0,317
CHR8	1180329	CHR8:1180329	SSF x LoA	-10,5981485	-0,118	0,303
CHR8	1181120	CHR8:1181120	SSF x LoA	-7,84993972	-0,099	0,315
CHR8	11834328	CHR8:11834328	SSF x LoA	-10,1965097	-0,037	0,298
CHR8	11834386	CHR8:11834386	SSF x LoA	-10,269273	-0,008	0,307
CHR8	11835353	CHR8:11835353	SSF x LoA	-9,79054519	-0,015	0,312
CHR8	11835581	CHR8:11835581	SSF x LoA	-6,69690886	-0,123	0,305
CHR8	11835596	CHR8:11835596	SSF x LoA	-5,72979501	-0,087	0,294
CHR8	1185257	CHR8:1185257	SSF x LoA	-6,33239406	0,006	0,299
CHR8	1185302	CHR8:1185302	SSF x LoA	-8,99694321	-0,044	0,304
CHR8	1185418	CHR8:1185418	SSF x LoA	-10,7805217	-0,130	0,320
CHR8	1185453	CHR8:1185453	SSF x LoA	-8,28841497	0,169	0,294
CHR8	11954809	CHR8:11954809	SSF x LoA	-5,03816372	-0,130	0,284
CHR8	11960497	CHR8:11960497	SSF x LoA	-9,3088102	-0,088	0,311
CHR8	11960623	CHR8:11960623	SSF x LoA	-8,03126982	0,023	0,296
CHR8	11965183	CHR8:11965183	SSF x LoA	-10,5945896	0,010	0,304
CHR8	11965299	CHR8:11965299	SSF x LoA	-9,79786328	-0,074	0,319
CHR8	11976837	CHR8:11976837	SSF x LoA	-9,31789788	-0,072	0,305
CHR8	11976967	CHR8:11976967	SSF x LoA	-10,0762621	-0,023	0,322
CHR8	11977018	CHR8:11977018	SSF x LoA	-9,34064733	0,053	0,319
CHR8	11977051	CHR8:11977051	SSF x LoA	-10,8183723	0,017	0,313
CHR8	11977082	CHR8:11977082	SSF x LoA	-9,2895797	0,125	0,310
CHR8	11985128	CHR8:11985128	SSF x LoA	-8,52957429	-0,086	0,291
CHR8	11986029	CHR8:11986029	SSF x LoA	-11,2109326	-0,020	0,308
CHR8	11986074	CHR8:11986074	SSF x LoA	-9,36507241	0,047	0,306
CHR8	11991806	CHR8:11991806	SSF x LoA	-10,3048195	-0,072	0,302
CHR8	11995014	CHR8:11995014	SSF x LoA	-8,98580656	-0,036	0,305
CHR8	11995047	CHR8:11995047	SSF x LoA	-8,86623965	-0,043	0,305
CHR8	11995142	CHR8:11995142	SSF x LoA	-5,66300653	0,166	0,317
CHR8	11995193	CHR8:11995193	SSF x LoA	-10,481877	-0,005	0,323
CHR8	11995199	CHR8:11995199	SSF x LoA	-7,76962398	-0,086	0,318
CHR8	12013425	CHR8:12013425	SSF x LoA	-9,53296032	-0,057	0,308
CHR8	12013427	CHR8:12013427	SSF x LoA	-8,44678211	0,123	0,306
CHR8	12013439	CHR8:12013439	SSF x LoA	-5,4484095	0,101	0,301
CHR8	12013444	CHR8:12013444	SSF x LoA	-7,61945153	0,158	0,309
CHR8	12016142	CHR8:12016142	SSF x LoA	-9,93158444	0,043	0,290

CHR8	12016169	CHR8:12016169	SSF x LoA	-5,30754334	-0,076	0,311
CHR8	12017084	CHR8:12017084	SSF x LoA	-10,1501891	-0,067	0,298
CHR8	12017086	CHR8:12017086	SSF x LoA	-8,82924732	-0,045	0,322
CHR8	12029121	CHR8:12029121	SSF x LoA	-7,51271374	-0,024	0,309
CHR8	12033953	CHR8:12033953	SSF x LoA	-8,5193788	0,029	0,312
CHR8	12034235	CHR8:12034235	SSF x LoA	-7,57873081	0,016	0,311
CHR8	12054586	CHR8:12054586	SSF x LoA	-8,11366109	0,001	0,315
CHR8	12054708	CHR8:12054708	SSF x LoA	-9,47054336	0,027	0,295
CHR8	12054779	CHR8:12054779	SSF x LoA	-8,26229949	-0,106	0,308
CHR8	12071636	CHR8:12071636	SSF x LoA	-8,44224643	-0,111	0,303
CHR8	12083295	CHR8:12083295	SSF x LoA	-11,4570562	0,012	0,302
CHR8	12083454	CHR8:12083454	SSF x LoA	-9,4854594	-0,118	0,304
CHR8	12083499	CHR8:12083499	SSF x LoA	-11,9473628	-0,024	0,300
CHR8	12083502	CHR8:12083502	SSF x LoA	-11,91658	-0,014	0,311
CHR8	120845	CHR8:120845	SSF x LoA	-9,23429189	-0,053	0,297
CHR8	12085363	CHR8:12085363	SSF x LoA	-10,7415063	-0,025	0,310
CHR8	12085440	CHR8:12085440	SSF x LoA	-8,40391413	0,052	0,313
CHR8	12085491	CHR8:12085491	SSF x LoA	-8,50344014	0,092	0,317
CHR8	12085499	CHR8:12085499	SSF x LoA	-7,10890475	0,072	0,309
CHR8	12103229	CHR8:12103229	SSF x LoA	-6,85591997	0,095	0,309
CHR8	12105230	CHR8:12105230	SSF x LoA	-9,48408727	-0,010	0,323
CHR8	12105334	CHR8:12105334	SSF x LoA	-11,0624353	-0,014	0,305
CHR8	12105364	CHR8:12105364	SSF x LoA	-10,3502331	-0,115	0,304
CHR8	12105402	CHR8:12105402	SSF x LoA	-9,11718646	-0,103	0,304
CHR8	12113195	CHR8:12113195	SSF x LoA	-9,83294411	0,002	0,305
CHR8	12129967	CHR8:12129967	SSF x LoA	-10,0642236	-0,094	0,307
CHR8	12130212	CHR8:12130212	SSF x LoA	-4,73822538	-0,091	0,305
CHR8	12132843	CHR8:12132843	SSF x LoA	-8,50108207	-0,011	0,298
CHR8	12136522	CHR8:12136522	SSF x LoA	-10,9148903	0,063	0,309
CHR8	12136631	CHR8:12136631	SSF x LoA	-9,05249304	0,015	0,318
CHR8	1214	CHR8:1214	SSF x LoA	-10,2208538	-0,032	0,309
CHR8	12140421	CHR8:12140421	SSF x LoA	-9,39945296	0,011	0,301
CHR8	12140453	CHR8:12140453	SSF x LoA	-10,3353776	-0,015	0,310
CHR8	12140517	CHR8:12140517	SSF x LoA	-7,56373915	-0,107	0,306
CHR8	12140518	CHR8:12140518	SSF x LoA	-4,45376033	-0,128	0,306
CHR8	12140535	CHR8:12140535	SSF x LoA	-8,86891652	0,011	0,305
CHR8	12143827	CHR8:12143827	SSF x LoA	-4,86616831	0,082	0,317
CHR8	12143831	CHR8:12143831	SSF x LoA	-8,74136266	0,025	0,314
CHR8	12143875	CHR8:12143875	SSF x LoA	-9,73819707	0,007	0,308
CHR8	12143886	CHR8:12143886	SSF x LoA	-7,2918128	-0,015	0,306
CHR8	12143893	CHR8:12143893	SSF x LoA	-9,64111882	-0,017	0,299
CHR8	12143896	CHR8:12143896	SSF x LoA	-5,69594129	-0,044	0,320
CHR8	12165147	CHR8:12165147	SSF x LoA	-10,6270226	0,081	0,301
CHR8	12166007	CHR8:12166007	SSF x LoA	-8,32809951	-0,108	0,314
CHR8	12166011	CHR8:12166011	SSF x LoA	-12,0060066	-0,013	0,302
CHR8	12166087	CHR8:12166087	SSF x LoA	-11,7339554	0,011	0,299
CHR8	12166148	CHR8:12166148	SSF x LoA	-10,1085753	0,004	0,321
CHR8	12166157	CHR8:12166157	SSF x LoA	-7,76473094	-0,093	0,298
CHR8	12166216	CHR8:12166216	SSF x LoA	-10,8711064	-0,049	0,298
CHR8	12176232	CHR8:12176232	SSF x LoA	-8,17294059	-0,023	0,302
CHR8	12176249	CHR8:12176249	SSF x LoA	-7,06074465	-0,175	0,302
CHR8	12176283	CHR8:12176283	SSF x LoA	-7,72175317	-0,075	0,303
CHR8	12176343	CHR8:12176343	SSF x LoA	-9,15510707	0,016	0,306

CHR8	12176348	CHR8:12176348	SSF x LoA	-9,45646122	-0,026	0,306
CHR8	12176358	CHR8:12176358	SSF x LoA	-11,4369623	-0,053	0,318
CHR8	12176373	CHR8:12176373	SSF x LoA	-7,99508095	-0,061	0,306
CHR8	12176395	CHR8:12176395	SSF x LoA	-7,4256216	-0,108	0,310
CHR8	12185983	CHR8:12185983	SSF x LoA	-9,26511632	0,012	0,316
CHR8	12186042	CHR8:12186042	SSF x LoA	-6,09980285	-0,087	0,292
CHR8	12186045	CHR8:12186045	SSF x LoA	6,48311884	0,117	0,303
CHR8	12191131	CHR8:12191131	SSF x LoA	-8,74383221	-0,130	0,300
CHR8	12191193	CHR8:12191193	SSF x LoA	-11,2541123	-0,020	0,308
CHR8	12191198	CHR8:12191198	SSF x LoA	-8,88689671	0,014	0,303
CHR8	12191229	CHR8:12191229	SSF x LoA	-11,2830865	-0,017	0,310
CHR8	12212269	CHR8:12212269	SSF x LoA	-9,56471592	0,013	0,317
CHR8	12224917	CHR8:12224917	SSF x LoA	-8,63867341	-0,011	0,312
CHR8	12225005	CHR8:12225005	SSF x LoA	-9,77339941	0,034	0,294
CHR8	12246514	CHR8:12246514	SSF x LoA	-11,3810614	0,012	0,312
CHR8	12246559	CHR8:12246559	SSF x LoA	-9,59909696	0,018	0,317
CHR8	1227652	CHR8:1227652	SSF x LoA	-5,48162109	0,207	0,292
CHR8	1227677	CHR8:1227677	SSF x LoA	-5,17493696	0,185	0,292
CHR8	1227691	CHR8:1227691	SSF x LoA	-8,82909065	-0,089	0,320
CHR8	1227709	CHR8:1227709	SSF x LoA	-6,19468453	0,213	0,290
CHR8	1227762	CHR8:1227762	SSF x LoA	-9,08631613	-0,114	0,305
CHR8	12315546	CHR8:12315546	SSF x LoA	-4,61837134	0,217	0,277
CHR8	12323336	CHR8:12323336	SSF x LoA	-7,58883499	-0,001	0,308
CHR8	12323371	CHR8:12323371	SSF x LoA	-10,3292563	-0,043	0,305
CHR8	1235904	CHR8:1235904	SSF x LoA	-7,14905967	0,190	0,285
CHR8	1236006	CHR8:1236006	SSF x LoA	-9,78130711	-0,035	0,309
CHR8	12367174	CHR8:12367174	SSF x LoA	-10,1866103	0,036	0,307
CHR8	12367181	CHR8:12367181	SSF x LoA	-9,82146351	0,010	0,305
CHR8	12367193	CHR8:12367193	SSF x LoA	-9,33240999	-0,009	0,319
CHR8	12451887	CHR8:12451887	SSF x LoA	-9,4308606	0,107	0,313
CHR8	12455319	CHR8:12455319	SSF x LoA	-8,99593382	0,167	0,301
CHR8	1247597	CHR8:1247597	SSF x LoA	-9,55121366	-0,013	0,296
CHR8	1247601	CHR8:1247601	SSF x LoA	-10,0825597	0,071	0,301
CHR8	1247627	CHR8:1247627	SSF x LoA	-10,554712	-0,010	0,304
CHR8	1250956	CHR8:1250956	SSF x LoA	-4,86470135	0,204	0,314
CHR8	1251164	CHR8:1251164	SSF x LoA	-2,98086674	0,220	0,281
CHR8	12516292	CHR8:12516292	SSF x LoA	-8,42744841	0,096	0,310
CHR8	1252914	CHR8:1252914	SSF x LoA	-9,66968568	0,047	0,310
CHR8	1252954	CHR8:1252954	SSF x LoA	-7,21351754	-0,120	0,301
CHR8	1252979	CHR8:1252979	SSF x LoA	-9,03459857	0,021	0,297
CHR8	1253151	CHR8:1253151	SSF x LoA	-9,10981138	0,041	0,307
CHR8	1257379	CHR8:1257379	SSF x LoA	-11,3585484	0,107	0,296
CHR8	12589136	CHR8:12589136	SSF x LoA	-11,2512294	-0,016	0,309
CHR8	1266881	CHR8:1266881	SSF x LoA	-6,81498245	-0,106	0,301
CHR8	1266884	CHR8:1266884	SSF x LoA	-7,74981015	-0,149	0,296
CHR8	1266909	CHR8:1266909	SSF x LoA	-11,0899756	-0,009	0,293
CHR8	12689852	CHR8:12689852	SSF x LoA	-7,64711194	0,002	0,313
CHR8	12689860	CHR8:12689860	SSF x LoA	-9,17922601	0,000	0,315
CHR8	12689906	CHR8:12689906	SSF x LoA	-5,57031352	0,012	0,306
CHR8	12699921	CHR8:12699921	SSF x LoA	-11,2421195	0,022	0,303
CHR8	12710290	CHR8:12710290	SSF x LoA	-8,27152518	-0,033	0,309
CHR8	12710328	CHR8:12710328	SSF x LoA	-6,90184381	-0,014	0,315
CHR8	12710332	CHR8:12710332	SSF x LoA	-4,19629182	-0,007	0,304

CHR8	12710366	CHR8:12710366	SSF x LoA	-8,70038561	0,001	0,307
CHR8	12710387	CHR8:12710387	SSF x LoA	-7,87600912	0,006	0,316
CHR8	12710389	CHR8:12710389	SSF x LoA	-7,24166352	0,010	0,323
CHR8	12710394	CHR8:12710394	SSF x LoA	-8,47940286	-0,005	0,314
CHR8	12710400	CHR8:12710400	SSF x LoA	-9,09667063	0,010	0,317
CHR8	12710523	CHR8:12710523	SSF x LoA	3,72132014	-0,016	0,329
CHR8	12710541	CHR8:12710541	SSF x LoA	-9,04168827	-0,004	0,305
CHR8	12710607	CHR8:12710607	SSF x LoA	-8,88431781	0,005	0,316
CHR8	12710651	CHR8:12710651	SSF x LoA	-9,37393496	-0,009	0,309
CHR8	12710666	CHR8:12710666	SSF x LoA	-6,84237609	0,000	0,317
CHR8	12715178	CHR8:12715178	SSF x LoA	-7,96136107	-0,022	0,324
CHR8	12715199	CHR8:12715199	SSF x LoA	-7,58589631	-0,012	0,327
CHR8	12715257	CHR8:12715257	SSF x LoA	-9,35556279	-0,005	0,317
CHR8	12715278	CHR8:12715278	SSF x LoA	-8,77375233	-0,019	0,320
CHR8	12715288	CHR8:12715288	SSF x LoA	-8,52786143	0,007	0,325
CHR8	12715290	CHR8:12715290	SSF x LoA	-8,71765334	0,004	0,316
CHR8	12715326	CHR8:12715326	SSF x LoA	-8,66381616	0,002	0,321
CHR8	12718235	CHR8:12718235	SSF x LoA	-9,49378513	0,182	0,303
CHR8	1274008	CHR8:1274008	SSF x LoA	-8,17663116	-0,079	0,312
CHR8	1274017	CHR8:1274017	SSF x LoA	-11,380814	0,036	0,307
CHR8	1274197	CHR8:1274197	SSF x LoA	-6,96447695	-0,056	0,312
CHR8	12750113	CHR8:12750113	SSF x LoA	-10,1623402	0,086	0,301
CHR8	1276028	CHR8:1276028	SSF x LoA	-8,87305367	-0,124	0,301
CHR8	1276070	CHR8:1276070	SSF x LoA	-11,1690079	0,051	0,307
CHR8	12761433	CHR8:12761433	SSF x LoA	-9,63384779	0,054	0,323
CHR8	1276144	CHR8:1276144	SSF x LoA	-7,86337886	-0,072	0,313
CHR8	1276151	CHR8:1276151	SSF x LoA	-7,23396232	-0,202	0,298
CHR8	1276176	CHR8:1276176	SSF x LoA	-9,60515226	-0,043	0,302
CHR8	1276199	CHR8:1276199	SSF x LoA	-8,2642638	0,098	0,305
CHR8	1276208	CHR8:1276208	SSF x LoA	-11,5880942	0,008	0,309
CHR8	1276210	CHR8:1276210	SSF x LoA	-2,37662789	-0,144	0,300
CHR8	1276236	CHR8:1276236	SSF x LoA	-9,80377641	-0,008	0,308
CHR8	12762710	CHR8:12762710	SSF x LoA	-11,9038565	0,023	0,300
CHR8	12768227	CHR8:12768227	SSF x LoA	-8,94648745	-0,082	0,320
CHR8	12784487	CHR8:12784487	SSF x LoA	-8,653785	0,028	0,310
CHR8	12784546	CHR8:12784546	SSF x LoA	-8,05416352	0,013	0,298
CHR8	12784547	CHR8:12784547	SSF x LoA	-9,45496751	0,003	0,306
CHR8	12784550	CHR8:12784550	SSF x LoA	-8,82212363	0,020	0,322
CHR8	12784558	CHR8:12784558	SSF x LoA	-9,23835581	0,031	0,312
CHR8	12784643	CHR8:12784643	SSF x LoA	-8,20971406	0,161	0,302
CHR8	1279413	CHR8:1279413	SSF x LoA	-9,86998348	0,021	0,312
CHR8	1279447	CHR8:1279447	SSF x LoA	-7,11155765	0,035	0,308
CHR8	1279450	CHR8:1279450	SSF x LoA	-9,95690977	-0,013	0,296
CHR8	12813825	CHR8:12813825	SSF x LoA	-8,73122776	0,152	0,316
CHR8	12872861	CHR8:12872861	SSF x LoA	-7,38340395	0,022	0,315
CHR8	12872878	CHR8:12872878	SSF x LoA	1,63540139	-0,004	0,314
CHR8	12872892	CHR8:12872892	SSF x LoA	-8,04906693	-0,016	0,325
CHR8	12872906	CHR8:12872906	SSF x LoA	-8,05234959	-0,021	0,320
CHR8	12872919	CHR8:12872919	SSF x LoA	-0,98018527	-0,004	0,319
CHR8	12872925	CHR8:12872925	SSF x LoA	-7,9382275	-0,031	0,320
CHR8	12872949	CHR8:12872949	SSF x LoA	-8,62784786	-0,011	0,318
CHR8	12872961	CHR8:12872961	SSF x LoA	-8,41684024	-0,013	0,312
CHR8	12872966	CHR8:12872966	SSF x LoA	-8,87937696	0,034	0,319

CHR8	12872992	CHR8:12872992	SSF x LoA	-7,8804831	-0,008	0,326
CHR8	12872993	CHR8:12872993	SSF x LoA	-8,9021727	0,000	0,313
CHR8	12881424	CHR8:12881424	SSF x LoA	-8,2828484	0,004	0,326
CHR8	12881478	CHR8:12881478	SSF x LoA	-8,94648244	-0,011	0,323
CHR8	12889137	CHR8:12889137	SSF x LoA	-11,8550994	-0,038	0,309
CHR8	1292393	CHR8:1292393	SSF x LoA	-11,5117808	-0,065	0,311
CHR8	1292409	CHR8:1292409	SSF x LoA	-10,8269557	-0,036	0,298
CHR8	1292436	CHR8:1292436	SSF x LoA	-9,03426735	-0,066	0,313
CHR8	1301723	CHR8:1301723	SSF x LoA	-8,80584932	-0,022	0,300
CHR8	1301757	CHR8:1301757	SSF x LoA	-8,9932598	0,109	0,308
CHR8	1304207	CHR8:1304207	SSF x LoA	-8,14256116	0,005	0,319
CHR8	1304278	CHR8:1304278	SSF x LoA	-10,0830427	-0,079	0,313
CHR8	1304404	CHR8:1304404	SSF x LoA	-10,689152	0,084	0,298
CHR8	1304446	CHR8:1304446	SSF x LoA	-9,5561031	-0,035	0,308
CHR8	1307350	CHR8:1307350	SSF x LoA	-8,31936451	0,071	0,309
CHR8	1307444	CHR8:1307444	SSF x LoA	-5,68510726	0,115	0,306
CHR8	13098560	CHR8:13098560	SSF x LoA	-1,84554981	0,140	0,309
CHR8	13098791	CHR8:13098791	SSF x LoA	-5,78362574	0,028	0,316
CHR8	1316333	CHR8:1316333	SSF x LoA	-10,7417112	-0,056	0,301
CHR8	1316386	CHR8:1316386	SSF x LoA	-8,47811531	0,122	0,306
CHR8	1316448	CHR8:1316448	SSF x LoA	-9,70886618	-0,026	0,311
CHR8	1316495	CHR8:1316495	SSF x LoA	-10,8240729	-0,076	0,305
CHR8	13249618	CHR8:13249618	SSF x LoA	-10,7720186	-0,051	0,312
CHR8	13249619	CHR8:13249619	SSF x LoA	-5,40858892	-0,028	0,302
CHR8	1325156	CHR8:1325156	SSF x LoA	-6,33277517	0,180	0,301
CHR8	1325173	CHR8:1325173	SSF x LoA	-5,21603181	0,232	0,287
CHR8	1325174	CHR8:1325174	SSF x LoA	-11,5187151	0,040	0,306
CHR8	13296460	CHR8:13296460	SSF x LoA	-5,06551458	-0,173	0,312
CHR8	1330201	CHR8:1330201	SSF x LoA	-8,36980358	0,054	0,303
CHR8	1330218	CHR8:1330218	SSF x LoA	-10,1691296	-0,107	0,316
CHR8	1330357	CHR8:1330357	SSF x LoA	-10,3180272	-0,041	0,306
CHR8	1330372	CHR8:1330372	SSF x LoA	-10,1192671	-0,053	0,298
CHR8	13313916	CHR8:13313916	SSF x LoA	-8,6608581	-0,140	0,307
CHR8	13313938	CHR8:13313938	SSF x LoA	-2,97634163	-0,081	0,300
CHR8	13313968	CHR8:13313968	SSF x LoA	-8,85038326	-0,002	0,310
CHR8	13346490	CHR8:13346490	SSF x LoA	-12,0853835	0,027	0,302
CHR8	1336641	CHR8:1336641	SSF x LoA	-10,1062386	0,034	0,312
CHR8	1343004	CHR8:1343004	SSF x LoA	-8,61400031	-0,027	0,305
CHR8	1343060	CHR8:1343060	SSF x LoA	-10,8382361	-0,041	0,325
CHR8	1343268	CHR8:1343268	SSF x LoA	-6,77079891	0,143	0,303
CHR8	1343286	CHR8:1343286	SSF x LoA	-8,92368191	0,077	0,309
CHR8	13452630	CHR8:13452630	SSF x LoA	-9,3497861	-0,069	0,312
CHR8	13466582	CHR8:13466582	SSF x LoA	-8,07410472	0,002	0,310
CHR8	13466615	CHR8:13466615	SSF x LoA	-8,34405948	-0,028	0,312
CHR8	13466713	CHR8:13466713	SSF x LoA	-8,91212083	-0,065	0,324
CHR8	13564438	CHR8:13564438	SSF x LoA	-10,6706066	0,138	0,280
CHR8	13613358	CHR8:13613358	SSF x LoA	-9,20684961	0,077	0,301
CHR8	13622178	CHR8:13622178	SSF x LoA	-8,8693663	0,025	0,316
CHR8	13756298	CHR8:13756298	SSF x LoA	-9,40736599	0,010	0,317
CHR8	13768964	CHR8:13768964	SSF x LoA	-8,41165058	0,087	0,304
CHR8	1380172	CHR8:1380172	SSF x LoA	-10,111559	0,026	0,307
CHR8	1380202	CHR8:1380202	SSF x LoA	-9,78282314	-0,106	0,302
CHR8	13806466	CHR8:13806466	SSF x LoA	-7,96040825	-0,088	0,316

CHR8	13806482	CHR8:13806482	SSF x LoA	-10,0129949	-0,065	0,329
CHR8	13820075	CHR8:13820075	SSF x LoA	-11,6700315	0,021	0,305
CHR8	13820077	CHR8:13820077	SSF x LoA	-10,8124985	0,025	0,318
CHR8	13820186	CHR8:13820186	SSF x LoA	-11,2948776	0,010	0,308
CHR8	13820223	CHR8:13820223	SSF x LoA	-9,98356341	-0,020	0,310
CHR8	13826172	CHR8:13826172	SSF x LoA	-9,30283657	-0,057	0,300
CHR8	13826200	CHR8:13826200	SSF x LoA	-8,52256934	0,093	0,297
CHR8	13826211	CHR8:13826211	SSF x LoA	-7,97816404	0,015	0,310
CHR8	13826226	CHR8:13826226	SSF x LoA	-9,24940744	0,076	0,312
CHR8	13826265	CHR8:13826265	SSF x LoA	-9,06836289	0,086	0,302
CHR8	13826268	CHR8:13826268	SSF x LoA	-7,19890685	-0,116	0,311
CHR8	13826343	CHR8:13826343	SSF x LoA	-8,24089315	0,060	0,316
CHR8	13826367	CHR8:13826367	SSF x LoA	-9,44088443	0,077	0,314
CHR8	13826369	CHR8:13826369	SSF x LoA	-9,04237781	0,108	0,310
CHR8	13826373	CHR8:13826373	SSF x LoA	-9,24611509	-0,028	0,311
CHR8	13826374	CHR8:13826374	SSF x LoA	-11,2481159	0,064	0,314
CHR8	13826385	CHR8:13826385	SSF x LoA	-5,27605408	0,072	0,311
CHR8	13826409	CHR8:13826409	SSF x LoA	-8,8176285	0,064	0,314
CHR8	13826426	CHR8:13826426	SSF x LoA	-9,0421924	0,073	0,294
CHR8	13826430	CHR8:13826430	SSF x LoA	-7,18695997	0,086	0,306
CHR8	13828143	CHR8:13828143	SSF x LoA	-5,39309243	0,159	0,292
CHR8	13828257	CHR8:13828257	SSF x LoA	-8,11391931	0,111	0,305
CHR8	13844068	CHR8:13844068	SSF x LoA	-8,13922522	-0,076	0,300
CHR8	1385399	CHR8:1385399	SSF x LoA	-10,5942773	-0,053	0,309
CHR8	1385403	CHR8:1385403	SSF x LoA	-10,6355131	-0,081	0,303
CHR8	13858195	CHR8:13858195	SSF x LoA	-5,4595986	-0,025	0,314
CHR8	13890838	CHR8:13890838	SSF x LoA	-10,3198874	-0,018	0,307
CHR8	13890839	CHR8:13890839	SSF x LoA	-9,39900674	-0,047	0,321
CHR8	13900962	CHR8:13900962	SSF x LoA	-6,86135652	0,020	0,314
CHR8	13905731	CHR8:13905731	SSF x LoA	-8,63218571	-0,070	0,298
CHR8	13907372	CHR8:13907372	SSF x LoA	-8,90256865	-0,019	0,298
CHR8	13907406	CHR8:13907406	SSF x LoA	-6,43353991	0,070	0,301
CHR8	13909351	CHR8:13909351	SSF x LoA	-9,02947887	-0,091	0,311
CHR8	13909381	CHR8:13909381	SSF x LoA	-9,5872784	0,046	0,311
CHR8	13909382	CHR8:13909382	SSF x LoA	-5,71757476	0,059	0,296
CHR8	13909386	CHR8:13909386	SSF x LoA	-9,18720522	-0,041	0,302
CHR8	13909391	CHR8:13909391	SSF x LoA	-8,92632091	0,066	0,304
CHR8	13940735	CHR8:13940735	SSF x LoA	-8,80047295	-0,033	0,314
CHR8	13940760	CHR8:13940760	SSF x LoA	-8,03541192	-0,018	0,300
CHR8	13940763	CHR8:13940763	SSF x LoA	-8,55931196	-0,053	0,309
CHR8	13941409	CHR8:13941409	SSF x LoA	-11,1262598	-0,060	0,313
CHR8	13949409	CHR8:13949409	SSF x LoA	-8,50554165	-0,037	0,304
CHR8	13949606	CHR8:13949606	SSF x LoA	-11,8277776	-0,018	0,306
CHR8	1394990	CHR8:1394990	SSF x LoA	-11,0223796	-0,099	0,321
CHR8	1395127	CHR8:1395127	SSF x LoA	-7,64763192	-0,004	0,319
CHR8	1395129	CHR8:1395129	SSF x LoA	-11,3226877	0,068	0,314
CHR8	13955184	CHR8:13955184	SSF x LoA	-9,14689887	-0,038	0,298
CHR8	13969014	CHR8:13969014	SSF x LoA	-8,55892604	0,039	0,307
CHR8	13969132	CHR8:13969132	SSF x LoA	-10,3125135	-0,013	0,300
CHR8	13986021	CHR8:13986021	SSF x LoA	-8,41952146	-0,111	0,301
CHR8	13986047	CHR8:13986047	SSF x LoA	-9,72110871	-0,035	0,305
CHR8	13986198	CHR8:13986198	SSF x LoA	-10,6949888	-0,079	0,305
CHR8	14028512	CHR8:14028512	SSF x LoA	-9,27624499	-0,041	0,305

CHR8	14039939	CHR8:14039939	SSF x LoA	-8,79219096	-0,035	0,304
CHR8	14039961	CHR8:14039961	SSF x LoA	-10,2779514	0,073	0,308
CHR8	14039991	CHR8:14039991	SSF x LoA	-7,2777929	0,074	0,299
CHR8	1404801	CHR8:1404801	SSF x LoA	-10,7791665	-0,091	0,310
CHR8	14059873	CHR8:14059873	SSF x LoA	-9,04200392	0,021	0,302
CHR8	14085160	CHR8:14085160	SSF x LoA	-4,73066015	-0,027	0,303
CHR8	14085211	CHR8:14085211	SSF x LoA	-9,44659144	-0,014	0,310
CHR8	14085253	CHR8:14085253	SSF x LoA	-9,68111169	0,080	0,311
CHR8	14098841	CHR8:14098841	SSF x LoA	-8,20422142	-0,128	0,296
CHR8	14098907	CHR8:14098907	SSF x LoA	-8,06336709	-0,097	0,314
CHR8	14108273	CHR8:14108273	SSF x LoA	-6,88034573	0,063	0,313
CHR8	14108293	CHR8:14108293	SSF x LoA	-9,68752727	-0,061	0,318
CHR8	14108344	CHR8:14108344	SSF x LoA	-10,2032415	-0,021	0,296
CHR8	1411534	CHR8:1411534	SSF x LoA	-5,95378251	0,180	0,279
CHR8	1411590	CHR8:1411590	SSF x LoA	-10,9722034	0,074	0,298
CHR8	14123287	CHR8:14123287	SSF x LoA	-4,51190894	0,065	0,307
CHR8	14123290	CHR8:14123290	SSF x LoA	-9,75704081	0,053	0,311
CHR8	14123294	CHR8:14123294	SSF x LoA	-2,29024404	0,064	0,312
CHR8	14123317	CHR8:14123317	SSF x LoA	-8,59938206	0,087	0,304
CHR8	14123363	CHR8:14123363	SSF x LoA	-10,1963429	0,053	0,328
CHR8	14129867	CHR8:14129867	SSF x LoA	-9,06698633	0,121	0,297
CHR8	14130002	CHR8:14130002	SSF x LoA	-6,15147391	0,070	0,303
CHR8	14130003	CHR8:14130003	SSF x LoA	-10,0356054	0,061	0,299
CHR8	14130045	CHR8:14130045	SSF x LoA	-10,2183172	0,073	0,310
CHR8	14134442	CHR8:14134442	SSF x LoA	-5,67169206	-0,184	0,309
CHR8	14134449	CHR8:14134449	SSF x LoA	-9,0964603	-0,141	0,308
CHR8	14152074	CHR8:14152074	SSF x LoA	-9,54495928	-0,085	0,320
CHR8	14158310	CHR8:14158310	SSF x LoA	-8,88319444	-0,005	0,305
CHR8	14158339	CHR8:14158339	SSF x LoA	-8,81274098	0,116	0,304
CHR8	14158406	CHR8:14158406	SSF x LoA	-7,59213551	0,051	0,305
CHR8	14158426	CHR8:14158426	SSF x LoA	-7,57367209	-0,025	0,308
CHR8	14163659	CHR8:14163659	SSF x LoA	-8,19648222	-0,041	0,327
CHR8	14163727	CHR8:14163727	SSF x LoA	-8,26625269	-0,004	0,324
CHR8	14174221	CHR8:14174221	SSF x LoA	-9,64247502	0,100	0,302
CHR8	14174232	CHR8:14174232	SSF x LoA	-10,0614282	0,103	0,302
CHR8	14174280	CHR8:14174280	SSF x LoA	-10,4550364	-0,009	0,315
CHR8	14190650	CHR8:14190650	SSF x LoA	-8,30984053	-0,070	0,312
CHR8	14196017	CHR8:14196017	SSF x LoA	-9,37812515	-0,091	0,302
CHR8	14196207	CHR8:14196207	SSF x LoA	-11,1545612	0,036	0,299
CHR8	14196232	CHR8:14196232	SSF x LoA	-7,68063531	-0,110	0,300
CHR8	14202441	CHR8:14202441	SSF x LoA	-9,31139163	0,088	0,294
CHR8	14202474	CHR8:14202474	SSF x LoA	-8,32674414	0,032	0,292
CHR8	14202556	CHR8:14202556	SSF x LoA	-10,8149289	-0,027	0,302
CHR8	14202670	CHR8:14202670	SSF x LoA	-9,46892924	0,070	0,315
CHR8	14211752	CHR8:14211752	SSF x LoA	-10,7050993	0,054	0,307
CHR8	14212734	CHR8:14212734	SSF x LoA	-7,7234838	-0,150	0,303
CHR8	14212771	CHR8:14212771	SSF x LoA	-10,2274181	0,037	0,307
CHR8	14223028	CHR8:14223028	SSF x LoA	-9,23579242	0,009	0,308
CHR8	14223073	CHR8:14223073	SSF x LoA	-10,4323344	0,066	0,314
CHR8	14223094	CHR8:14223094	SSF x LoA	-8,76267798	0,053	0,319
CHR8	14227540	CHR8:14227540	SSF x LoA	-6,0764856	-0,018	0,317
CHR8	14229148	CHR8:14229148	SSF x LoA	-9,41622229	0,015	0,313
CHR8	14232457	CHR8:14232457	SSF x LoA	-9,33357414	0,066	0,307

CHR8	14232566	CHR8:14232566	SSF x LoA	-7,43666388	0,064	0,319
CHR8	14232659	CHR8:14232659	SSF x LoA	-9,72613834	0,031	0,308
CHR8	14235746	CHR8:14235746	SSF x LoA	-8,60563821	0,008	0,313
CHR8	14237891	CHR8:14237891	SSF x LoA	-7,74827129	0,075	0,314
CHR8	14237917	CHR8:14237917	SSF x LoA	-9,90860884	0,063	0,303
CHR8	14237995	CHR8:14237995	SSF x LoA	3,75349275	0,082	0,321
CHR8	14238196	CHR8:14238196	SSF x LoA	-10,8656369	-0,092	0,297
CHR8	14238200	CHR8:14238200	SSF x LoA	-9,78297054	0,006	0,302
CHR8	14238215	CHR8:14238215	SSF x LoA	-3,98824606	0,024	0,314
CHR8	14238983	CHR8:14238983	SSF x LoA	-7,31910155	0,070	0,318
CHR8	14239056	CHR8:14239056	SSF x LoA	-8,72759071	0,088	0,314
CHR8	14244300	CHR8:14244300	SSF x LoA	-11,6647623	-0,062	0,313
CHR8	14244320	CHR8:14244320	SSF x LoA	-11,0678072	0,055	0,300
CHR8	1425764	CHR8:1425764	SSF x LoA	-9,9271828	-0,088	0,293
CHR8	1425800	CHR8:1425800	SSF x LoA	-8,34698122	-0,133	0,320
CHR8	1425805	CHR8:1425805	SSF x LoA	-11,4646761	-0,051	0,311
CHR8	1425824	CHR8:1425824	SSF x LoA	-10,616536	0,028	0,318
CHR8	1425880	CHR8:1425880	SSF x LoA	-8,22527617	0,028	0,307
CHR8	14266903	CHR8:14266903	SSF x LoA	-7,90580921	0,019	0,327
CHR8	14266913	CHR8:14266913	SSF x LoA	-8,62948279	0,031	0,325
CHR8	14266932	CHR8:14266932	SSF x LoA	-7,25791217	0,013	0,323
CHR8	14266941	CHR8:14266941	SSF x LoA	-7,99608634	0,028	0,317
CHR8	14266951	CHR8:14266951	SSF x LoA	-7,62123985	-0,004	0,314
CHR8	14267004	CHR8:14267004	SSF x LoA	-7,81060325	-0,015	0,312
CHR8	14289342	CHR8:14289342	SSF x LoA	-11,150865	-0,033	0,308
CHR8	14295229	CHR8:14295229	SSF x LoA	-9,05611479	-0,116	0,300
CHR8	14297	CHR8:14297	SSF x LoA	-9,84790922	-0,024	0,317
CHR8	14302989	CHR8:14302989	SSF x LoA	-9,90443611	0,005	0,305
CHR8	14302996	CHR8:14302996	SSF x LoA	-8,48411785	-0,028	0,303
CHR8	14303031	CHR8:14303031	SSF x LoA	-8,94846816	0,008	0,311
CHR8	14303112	CHR8:14303112	SSF x LoA	-8,29873287	0,060	0,318
CHR8	14303157	CHR8:14303157	SSF x LoA	-9,88971159	-0,011	0,300
CHR8	14329535	CHR8:14329535	SSF x LoA	-7,80046671	0,108	0,305
CHR8	14342344	CHR8:14342344	SSF x LoA	-8,65694596	0,053	0,312
CHR8	14342469	CHR8:14342469	SSF x LoA	-8,59260172	-0,054	0,319
CHR8	14344795	CHR8:14344795	SSF x LoA	-10,1108507	0,120	0,298
CHR8	14354663	CHR8:14354663	SSF x LoA	-6,477577	0,186	0,303
CHR8	14364942	CHR8:14364942	SSF x LoA	-8,59461777	0,041	0,309
CHR8	14367562	CHR8:14367562	SSF x LoA	-9,59205017	0,063	0,312
CHR8	14378739	CHR8:14378739	SSF x LoA	14,9739083	-0,110	0,309
CHR8	14378746	CHR8:14378746	SSF x LoA	-5,83038274	-0,112	0,309
CHR8	14378812	CHR8:14378812	SSF x LoA	-6,65899721	-0,108	0,300
CHR8	14378827	CHR8:14378827	SSF x LoA	-9,39795243	0,110	0,320
CHR8	14378871	CHR8:14378871	SSF x LoA	-7,65286298	-0,097	0,299
CHR8	14378875	CHR8:14378875	SSF x LoA	-8,55283782	-0,088	0,297
CHR8	14378883	CHR8:14378883	SSF x LoA	-5,21443531	0,137	0,311
CHR8	14378884	CHR8:14378884	SSF x LoA	-6,44228391	-0,098	0,297
CHR8	14395341	CHR8:14395341	SSF x LoA	-11,9927362	0,064	0,308
CHR8	14395513	CHR8:14395513	SSF x LoA	-10,8854174	-0,071	0,310
CHR8	14407768	CHR8:14407768	SSF x LoA	-10,3718872	0,031	0,315
CHR8	14407778	CHR8:14407778	SSF x LoA	-7,99691966	-0,081	0,300
CHR8	14407839	CHR8:14407839	SSF x LoA	-8,65588558	0,007	0,319
CHR8	14407859	CHR8:14407859	SSF x LoA	-9,96257429	-0,074	0,309

CHR8	14407873	CHR8:14407873	SSF x LoA	-12,2306629	0,053	0,295
CHR8	14418167	CHR8:14418167	SSF x LoA	-6,39715619	0,003	0,311
CHR8	14418179	CHR8:14418179	SSF x LoA	-8,41750223	0,117	0,304
CHR8	14418190	CHR8:14418190	SSF x LoA	-7,97854534	-0,056	0,303
CHR8	14418201	CHR8:14418201	SSF x LoA	-8,09004837	0,001	0,310
CHR8	14418223	CHR8:14418223	SSF x LoA	-10,4217329	0,113	0,312
CHR8	14418234	CHR8:14418234	SSF x LoA	-8,55360162	-0,016	0,305
CHR8	14418311	CHR8:14418311	SSF x LoA	-8,67123776	-0,009	0,306
CHR8	14418394	CHR8:14418394	SSF x LoA	-5,95454404	0,049	0,311
CHR8	14418399	CHR8:14418399	SSF x LoA	-8,92615127	-0,118	0,310
CHR8	14448453	CHR8:14448453	SSF x LoA	-8,96465526	0,038	0,310
CHR8	14459301	CHR8:14459301	SSF x LoA	-4,75422112	0,202	0,289
CHR8	14459313	CHR8:14459313	SSF x LoA	-8,14256425	-0,106	0,307
CHR8	14459325	CHR8:14459325	SSF x LoA	-9,36173777	-0,079	0,306
CHR8	14459333	CHR8:14459333	SSF x LoA	-8,58702798	-0,120	0,293
CHR8	14459404	CHR8:14459404	SSF x LoA	-6,63590275	-0,126	0,300
CHR8	14459437	CHR8:14459437	SSF x LoA	-8,83249042	-0,077	0,310
CHR8	14459463	CHR8:14459463	SSF x LoA	-5,86818462	-0,087	0,304
CHR8	14459502	CHR8:14459502	SSF x LoA	-8,21664996	-0,081	0,308
CHR8	14459511	CHR8:14459511	SSF x LoA	-9,97399686	-0,008	0,313
CHR8	14476558	CHR8:14476558	SSF x LoA	-10,7805011	0,049	0,313
CHR8	14476608	CHR8:14476608	SSF x LoA	-8,7983991	0,089	0,305
CHR8	14480880	CHR8:14480880	SSF x LoA	-9,04968474	-0,069	0,301
CHR8	14480902	CHR8:14480902	SSF x LoA	-8,98152969	0,069	0,307
CHR8	14481003	CHR8:14481003	SSF x LoA	-8,68026528	0,051	0,310
CHR8	14497665	CHR8:14497665	SSF x LoA	-9,53913362	-0,029	0,303
CHR8	14497666	CHR8:14497666	SSF x LoA	-9,99239028	0,026	0,313
CHR8	14501868	CHR8:14501868	SSF x LoA	-9,22692795	-0,121	0,307
CHR8	14501963	CHR8:14501963	SSF x LoA	-8,34313605	0,026	0,312
CHR8	14502062	CHR8:14502062	SSF x LoA	-9,95920138	-0,008	0,313
CHR8	14508449	CHR8:14508449	SSF x LoA	-5,75548582	0,018	0,311
CHR8	14509868	CHR8:14509868	SSF x LoA	-9,22183413	0,103	0,316
CHR8	1451674	CHR8:1451674	SSF x LoA	-10,4623011	-0,023	0,311
CHR8	14532459	CHR8:14532459	SSF x LoA	-11,2791024	-0,067	0,295
CHR8	14532461	CHR8:14532461	SSF x LoA	-10,7833378	-0,079	0,289
CHR8	14535459	CHR8:14535459	SSF x LoA	-10,710837	-0,121	0,293
CHR8	14535489	CHR8:14535489	SSF x LoA	-6,42813294	-0,092	0,307
CHR8	14551505	CHR8:14551505	SSF x LoA	-5,55327009	-0,207	0,294
CHR8	14551726	CHR8:14551726	SSF x LoA	-5,18413176	0,127	0,311
CHR8	14573180	CHR8:14573180	SSF x LoA	-10,211944	0,002	0,302
CHR8	14573255	CHR8:14573255	SSF x LoA	-11,0562935	-0,010	0,289
CHR8	14573283	CHR8:14573283	SSF x LoA	-8,77334146	-0,043	0,304
CHR8	14573284	CHR8:14573284	SSF x LoA	-11,2053512	0,004	0,287
CHR8	14618381	CHR8:14618381	SSF x LoA	-5,34870919	0,045	0,319
CHR8	14645967	CHR8:14645967	SSF x LoA	-9,95900842	-0,014	0,304
CHR8	14649611	CHR8:14649611	SSF x LoA	-11,5891663	-0,068	0,310
CHR8	14674743	CHR8:14674743	SSF x LoA	-8,67639646	-0,107	0,288
CHR8	14681673	CHR8:14681673	SSF x LoA	-8,81154157	0,052	0,318
CHR8	14702614	CHR8:14702614	SSF x LoA	-5,63529694	0,112	0,320
CHR8	14702678	CHR8:14702678	SSF x LoA	-6,53036904	0,062	0,308
CHR8	14702709	CHR8:14702709	SSF x LoA	-9,56510612	0,016	0,311
CHR8	14702740	CHR8:14702740	SSF x LoA	-7,46647083	-0,054	0,317
CHR8	14702758	CHR8:14702758	SSF x LoA	-7,22721278	0,110	0,299

CHR8	14705834	CHR8:14705834	SSF x LoA	-9,53327951	-0,037	0,318
CHR8	14706737	CHR8:14706737	SSF x LoA	-7,43044686	0,082	0,293
CHR8	14712204	CHR8:14712204	SSF x LoA	-3,63604435	0,078	0,321
CHR8	14730234	CHR8:14730234	SSF x LoA	-9,45842732	-0,031	0,303
CHR8	14730235	CHR8:14730235	SSF x LoA	-9,22992361	-0,027	0,305
CHR8	14730236	CHR8:14730236	SSF x LoA	-8,82813385	-0,034	0,305
CHR8	14730407	CHR8:14730407	SSF x LoA	-10,8493701	0,009	0,302
CHR8	14730575	CHR8:14730575	SSF x LoA	-7,50019146	-0,097	0,322
CHR8	1474	CHR8:1474	SSF x LoA	-11,4730451	-0,018	0,298
CHR8	14747888	CHR8:14747888	SSF x LoA	-9,07544484	0,087	0,312
CHR8	14748219	CHR8:14748219	SSF x LoA	-10,0782952	0,042	0,299
CHR8	14748228	CHR8:14748228	SSF x LoA	-9,51486447	0,009	0,310
CHR8	14748244	CHR8:14748244	SSF x LoA	-8,07461194	0,009	0,305
CHR8	14748249	CHR8:14748249	SSF x LoA	-4,82478221	-0,059	0,306
CHR8	14748283	CHR8:14748283	SSF x LoA	-10,1311723	0,054	0,308
CHR8	14756353	CHR8:14756353	SSF x LoA	-4,76769046	0,227	0,299
CHR8	14756362	CHR8:14756362	SSF x LoA	-11,4702708	-0,059	0,309
CHR8	14756401	CHR8:14756401	SSF x LoA	-9,91860099	-0,016	0,314
CHR8	14756407	CHR8:14756407	SSF x LoA	-8,71554912	-0,033	0,316
CHR8	14756418	CHR8:14756418	SSF x LoA	-5,54535444	0,228	0,287
CHR8	14768870	CHR8:14768870	SSF x LoA	-11,0661298	-0,030	0,306
CHR8	14768921	CHR8:14768921	SSF x LoA	-8,6308849	-0,033	0,307
CHR8	14768939	CHR8:14768939	SSF x LoA	-11,1165205	0,012	0,305
CHR8	14780536	CHR8:14780536	SSF x LoA	-8,54841001	0,059	0,309
CHR8	14798684	CHR8:14798684	SSF x LoA	-10,5324296	0,093	0,304
CHR8	148126	CHR8:148126	SSF x LoA	-11,9822394	-0,009	0,318
CHR8	14830552	CHR8:14830552	SSF x LoA	-11,0148269	0,072	0,306
CHR8	14888901	CHR8:14888901	SSF x LoA	-11,0236139	-0,010	0,309
CHR8	14888933	CHR8:14888933	SSF x LoA	-8,38464409	-0,101	0,305
CHR8	14888959	CHR8:14888959	SSF x LoA	-9,59046467	-0,015	0,316
CHR8	14892133	CHR8:14892133	SSF x LoA	-7,90465425	-0,045	0,326
CHR8	14892490	CHR8:14892490	SSF x LoA	-6,18929589	0,056	0,311
CHR8	14894079	CHR8:14894079	SSF x LoA	-8,66775252	-0,053	0,297
CHR8	14894105	CHR8:14894105	SSF x LoA	-10,2387202	0,017	0,305
CHR8	14894189	CHR8:14894189	SSF x LoA	-7,12582348	-0,005	0,299
CHR8	14894204	CHR8:14894204	SSF x LoA	-9,30071071	0,008	0,315
CHR8	14894276	CHR8:14894276	SSF x LoA	-7,91152394	-0,018	0,309
CHR8	14899215	CHR8:14899215	SSF x LoA	-12,1115668	0,001	0,310
CHR8	14899219	CHR8:14899219	SSF x LoA	-9,57701071	-0,071	0,299
CHR8	14909471	CHR8:14909471	SSF x LoA	-8,28742877	-0,118	0,304
CHR8	14912962	CHR8:14912962	SSF x LoA	-8,76965098	0,084	0,307
CHR8	14913049	CHR8:14913049	SSF x LoA	-7,31690755	0,101	0,302
CHR8	14913075	CHR8:14913075	SSF x LoA	-10,7714149	0,068	0,299
CHR8	14913077	CHR8:14913077	SSF x LoA	-10,7766495	0,101	0,307
CHR8	14914864	CHR8:14914864	SSF x LoA	-10,507337	0,009	0,311
CHR8	14926659	CHR8:14926659	SSF x LoA	-9,0206608	0,123	0,307
CHR8	1493781	CHR8:1493781	SSF x LoA	-11,740452	-0,082	0,304
CHR8	1493902	CHR8:1493902	SSF x LoA	-10,2300858	0,047	0,313
CHR8	1493906	CHR8:1493906	SSF x LoA	-11,6953523	0,032	0,305
CHR8	14953978	CHR8:14953978	SSF x LoA	-12,2288179	0,020	0,300
CHR8	14954028	CHR8:14954028	SSF x LoA	-10,5861616	0,004	0,309
CHR8	14963415	CHR8:14963415	SSF x LoA	-9,28133016	0,078	0,302
CHR8	14963478	CHR8:14963478	SSF x LoA	-10,0826018	0,023	0,309

CHR8	14974637	CHR8:14974637	SSF x LoA	-8,66983014	0,029	0,310
CHR8	14974677	CHR8:14974677	SSF x LoA	-5,61133837	0,072	0,320
CHR8	14974689	CHR8:14974689	SSF x LoA	-9,74800452	0,026	0,312
CHR8	14974695	CHR8:14974695	SSF x LoA	-8,51935502	0,077	0,317
CHR8	14974709	CHR8:14974709	SSF x LoA	-9,41571135	0,040	0,304
CHR8	14977381	CHR8:14977381	SSF x LoA	-11,2958237	0,010	0,307
CHR8	14977412	CHR8:14977412	SSF x LoA	-9,96294199	-0,059	0,313
CHR8	14977413	CHR8:14977413	SSF x LoA	-10,6222963	0,081	0,309
CHR8	14977459	CHR8:14977459	SSF x LoA	-7,42576566	0,146	0,302
CHR8	14982810	CHR8:14982810	SSF x LoA	-11,5648277	-0,047	0,304
CHR8	14982965	CHR8:14982965	SSF x LoA	-9,50688702	0,011	0,313
CHR8	14982991	CHR8:14982991	SSF x LoA	-11,3679352	-0,033	0,302
CHR8	14987629	CHR8:14987629	SSF x LoA	-9,68270338	0,043	0,308
CHR8	14991309	CHR8:14991309	SSF x LoA	-7,89935531	0,086	0,303
CHR8	14994018	CHR8:14994018	SSF x LoA	-8,78596454	-0,124	0,314
CHR8	15012412	CHR8:15012412	SSF x LoA	-6,88931055	0,007	0,312
CHR8	15021406	CHR8:15021406	SSF x LoA	-11,104113	0,015	0,308
CHR8	15021408	CHR8:15021408	SSF x LoA	-7,80088192	0,016	0,312
CHR8	15029810	CHR8:15029810	SSF x LoA	-9,91305024	0,078	0,300
CHR8	15029821	CHR8:15029821	SSF x LoA	-9,39128459	0,067	0,311
CHR8	15029877	CHR8:15029877	SSF x LoA	-10,5552628	0,025	0,321
CHR8	15029907	CHR8:15029907	SSF x LoA	-7,52604517	0,048	0,320
CHR8	15031653	CHR8:15031653	SSF x LoA	-9,12594412	-0,051	0,303
CHR8	15031671	CHR8:15031671	SSF x LoA	-7,41094699	-0,117	0,308
CHR8	15031836	CHR8:15031836	SSF x LoA	-10,9696347	0,035	0,303
CHR8	15048936	CHR8:15048936	SSF x LoA	-10,3569991	-0,125	0,315
CHR8	15048953	CHR8:15048953	SSF x LoA	-9,70326937	-0,057	0,289
CHR8	1505228	CHR8:1505228	SSF x LoA	-7,4056595	-0,133	0,309
CHR8	1505235	CHR8:1505235	SSF x LoA	-10,0266213	-0,034	0,296
CHR8	1505263	CHR8:1505263	SSF x LoA	-8,78452597	-0,046	0,301
CHR8	1505265	CHR8:1505265	SSF x LoA	-9,37157348	-0,123	0,298
CHR8	1505307	CHR8:1505307	SSF x LoA	-9,4979203	0,048	0,320
CHR8	15108119	CHR8:15108119	SSF x LoA	-8,60548186	-0,028	0,310
CHR8	15108164	CHR8:15108164	SSF x LoA	-10,839852	0,030	0,304
CHR8	15108307	CHR8:15108307	SSF x LoA	-7,68640217	0,044	0,296
CHR8	15117835	CHR8:15117835	SSF x LoA	-10,3169459	0,006	0,312
CHR8	15117837	CHR8:15117837	SSF x LoA	-8,45063087	-0,050	0,305
CHR8	1512646	CHR8:1512646	SSF x LoA	-10,3143202	0,040	0,304
CHR8	1512667	CHR8:1512667	SSF x LoA	-4,80813636	0,186	0,300
CHR8	1512711	CHR8:1512711	SSF x LoA	-10,7645694	-0,035	0,307
CHR8	1512768	CHR8:1512768	SSF x LoA	-10,2480503	0,024	0,302
CHR8	15138778	CHR8:15138778	SSF x LoA	-7,89126448	-0,149	0,297
CHR8	15138784	CHR8:15138784	SSF x LoA	-10,5724456	-0,045	0,306
CHR8	15138809	CHR8:15138809	SSF x LoA	3,28015243	-0,136	0,325
CHR8	15138814	CHR8:15138814	SSF x LoA	-11,0185194	0,008	0,308
CHR8	15138850	CHR8:15138850	SSF x LoA	-10,1778921	0,018	0,307
CHR8	15138875	CHR8:15138875	SSF x LoA	-8,48432483	0,021	0,307
CHR8	15138882	CHR8:15138882	SSF x LoA	-9,13314981	0,032	0,320
CHR8	15138883	CHR8:15138883	SSF x LoA	-8,87085503	-0,004	0,300
CHR8	15138889	CHR8:15138889	SSF x LoA	-6,21683904	0,018	0,307
CHR8	15139018	CHR8:15139018	SSF x LoA	-10,2361507	0,019	0,322
CHR8	15145041	CHR8:15145041	SSF x LoA	-7,53547102	0,073	0,314
CHR8	15145060	CHR8:15145060	SSF x LoA	-8,96288565	0,091	0,297

CHR8	15145083	CHR8:15145083	SSF x LoA	-9,54777145	0,030	0,320
CHR8	15159254	CHR8:15159254	SSF x LoA	-10,5139928	0,031	0,309
CHR8	15169707	CHR8:15169707	SSF x LoA	-8,1598236	0,032	0,308
CHR8	15169740	CHR8:15169740	SSF x LoA	-9,56031192	0,104	0,298
CHR8	15169788	CHR8:15169788	SSF x LoA	-7,85931874	-0,128	0,305
CHR8	15169804	CHR8:15169804	SSF x LoA	-9,27789753	-0,019	0,301
CHR8	15169857	CHR8:15169857	SSF x LoA	-9,63617455	0,055	0,311
CHR8	15171376	CHR8:15171376	SSF x LoA	-10,1744784	-0,107	0,307
CHR8	15171385	CHR8:15171385	SSF x LoA	-7,52617101	0,129	0,303
CHR8	15171399	CHR8:15171399	SSF x LoA	-3,58134425	-0,003	0,301
CHR8	15172729	CHR8:15172729	SSF x LoA	-10,2139275	0,054	0,307
CHR8	15172750	CHR8:15172750	SSF x LoA	-9,12993012	0,045	0,310
CHR8	15172761	CHR8:15172761	SSF x LoA	-8,89311849	-0,152	0,302
CHR8	15172769	CHR8:15172769	SSF x LoA	-5,22978233	0,088	0,297
CHR8	15172773	CHR8:15172773	SSF x LoA	-9,49660878	0,060	0,300
CHR8	15172785	CHR8:15172785	SSF x LoA	-8,80943909	0,116	0,300
CHR8	15172814	CHR8:15172814	SSF x LoA	-9,33418221	0,110	0,304
CHR8	15182649	CHR8:15182649	SSF x LoA	-5,89097199	-0,110	0,312
CHR8	15182667	CHR8:15182667	SSF x LoA	-12,230206	0,074	0,294
CHR8	15182684	CHR8:15182684	SSF x LoA	-11,5991635	-0,004	0,310
CHR8	15183610	CHR8:15183610	SSF x LoA	-11,1149458	0,104	0,299
CHR8	15183713	CHR8:15183713	SSF x LoA	-8,62314457	0,139	0,290
CHR8	15191303	CHR8:15191303	SSF x LoA	-8,74599367	0,051	0,304
CHR8	15191403	CHR8:15191403	SSF x LoA	-8,87740853	0,075	0,313
CHR8	15191418	CHR8:15191418	SSF x LoA	-9,03178076	-0,023	0,309
CHR8	15191422	CHR8:15191422	SSF x LoA	-11,0427084	0,018	0,300
CHR8	15191486	CHR8:15191486	SSF x LoA	-9,90101843	0,026	0,293
CHR8	15191518	CHR8:15191518	SSF x LoA	-5,34238418	-0,178	0,290
CHR8	15197069	CHR8:15197069	SSF x LoA	-8,60362855	0,074	0,292
CHR8	15197110	CHR8:15197110	SSF x LoA	-9,53470954	0,094	0,316
CHR8	15197127	CHR8:15197127	SSF x LoA	-9,45331687	0,110	0,308
CHR8	15197129	CHR8:15197129	SSF x LoA	-10,3587343	0,029	0,311
CHR8	15197187	CHR8:15197187	SSF x LoA	-8,66985364	0,038	0,303
CHR8	15197194	CHR8:15197194	SSF x LoA	-8,59588798	-0,040	0,314
CHR8	15197313	CHR8:15197313	SSF x LoA	-8,47714693	0,027	0,307
CHR8	15204493	CHR8:15204493	SSF x LoA	-5,99191554	-0,084	0,322
CHR8	15204561	CHR8:15204561	SSF x LoA	-8,93876467	0,010	0,328
CHR8	15204589	CHR8:15204589	SSF x LoA	-9,3601859	-0,038	0,300
CHR8	15204601	CHR8:15204601	SSF x LoA	-8,52362384	-0,099	0,320
CHR8	15204643	CHR8:15204643	SSF x LoA	-7,14355471	0,064	0,311
CHR8	15204645	CHR8:15204645	SSF x LoA	-9,01921369	0,106	0,308
CHR8	15204646	CHR8:15204646	SSF x LoA	-8,89093628	0,001	0,308
CHR8	15204695	CHR8:15204695	SSF x LoA	-7,32153887	-0,133	0,310
CHR8	15209932	CHR8:15209932	SSF x LoA	-9,29366911	0,037	0,321
CHR8	15218570	CHR8:15218570	SSF x LoA	-10,8275051	-0,021	0,324
CHR8	15222081	CHR8:15222081	SSF x LoA	-9,19630152	0,019	0,293
CHR8	15222119	CHR8:15222119	SSF x LoA	-11,412087	-0,026	0,294
CHR8	15222128	CHR8:15222128	SSF x LoA	-8,40604658	-0,004	0,307
CHR8	15222146	CHR8:15222146	SSF x LoA	-11,6906579	-0,003	0,289
CHR8	15222280	CHR8:15222280	SSF x LoA	-8,39193499	-0,038	0,309
CHR8	15222293	CHR8:15222293	SSF x LoA	-9,78152855	0,067	0,309
CHR8	15243000	CHR8:15243000	SSF x LoA	-8,93117929	-0,038	0,312
CHR8	15249882	CHR8:15249882	SSF x LoA	-8,66759819	0,089	0,304

CHR8	15249883	CHR8:15249883	SSF x LoA	-5,4457971	0,066	0,312
CHR8	15249926	CHR8:15249926	SSF x LoA	-8,88992953	-0,071	0,310
CHR8	15292831	CHR8:15292831	SSF x LoA	-9,40286689	-0,103	0,315
CHR8	15292841	CHR8:15292841	SSF x LoA	-11,5949362	0,056	0,300
CHR8	15292881	CHR8:15292881	SSF x LoA	-9,73087469	0,017	0,310
CHR8	15292928	CHR8:15292928	SSF x LoA	-10,9802739	-0,011	0,306
CHR8	15293048	CHR8:15293048	SSF x LoA	-11,2248745	-0,128	0,301
CHR8	15296196	CHR8:15296196	SSF x LoA	-7,52519249	-0,011	0,300
CHR8	15296206	CHR8:15296206	SSF x LoA	-8,50078095	-0,117	0,311
CHR8	15298458	CHR8:15298458	SSF x LoA	-10,3206372	-0,047	0,305
CHR8	15298475	CHR8:15298475	SSF x LoA	-8,51458469	-0,056	0,310
CHR8	15302884	CHR8:15302884	SSF x LoA	-9,59153162	-0,118	0,302
CHR8	15304371	CHR8:15304371	SSF x LoA	-8,22422531	0,092	0,305
CHR8	15304445	CHR8:15304445	SSF x LoA	-9,52351904	0,022	0,316
CHR8	15309376	CHR8:15309376	SSF x LoA	-9,18339101	-0,158	0,298
CHR8	15309390	CHR8:15309390	SSF x LoA	-8,29119583	-0,035	0,306
CHR8	15309435	CHR8:15309435	SSF x LoA	-8,75186503	-0,006	0,313
CHR8	15309445	CHR8:15309445	SSF x LoA	-11,216808	0,058	0,303
CHR8	15309505	CHR8:15309505	SSF x LoA	-9,7957791	-0,050	0,310
CHR8	15311135	CHR8:15311135	SSF x LoA	-11,2976347	-0,037	0,290
CHR8	15329185	CHR8:15329185	SSF x LoA	-7,77538667	0,092	0,309
CHR8	15329212	CHR8:15329212	SSF x LoA	-11,3815955	0,009	0,309
CHR8	15329238	CHR8:15329238	SSF x LoA	-8,1773157	0,120	0,296
CHR8	15329359	CHR8:15329359	SSF x LoA	-6,37983331	-0,162	0,308
CHR8	15353332	CHR8:15353332	SSF x LoA	-9,09517158	0,090	0,305
CHR8	15360902	CHR8:15360902	SSF x LoA	-10,3749454	-0,031	0,307
CHR8	15360904	CHR8:15360904	SSF x LoA	-9,03809405	0,115	0,291
CHR8	15360907	CHR8:15360907	SSF x LoA	-9,95730791	0,069	0,308
CHR8	15360938	CHR8:15360938	SSF x LoA	-8,96770485	0,038	0,315
CHR8	15360951	CHR8:15360951	SSF x LoA	-9,15214753	0,035	0,300
CHR8	1536138	CHR8:1536138	SSF x LoA	-10,4260556	0,094	0,309
CHR8	15362464	CHR8:15362464	SSF x LoA	-11,390598	-0,014	0,300
CHR8	15362472	CHR8:15362472	SSF x LoA	-8,77235897	0,166	0,294
CHR8	15362480	CHR8:15362480	SSF x LoA	-9,20305059	-0,039	0,301
CHR8	15362491	CHR8:15362491	SSF x LoA	-8,61507854	-0,061	0,309
CHR8	15362510	CHR8:15362510	SSF x LoA	-8,65177512	0,012	0,315
CHR8	15362607	CHR8:15362607	SSF x LoA	-9,0202056	-0,112	0,295
CHR8	15362614	CHR8:15362614	SSF x LoA	-9,15791047	-0,015	0,311
CHR8	15362615	CHR8:15362615	SSF x LoA	-9,20230281	0,103	0,302
CHR8	15362697	CHR8:15362697	SSF x LoA	-8,40545145	-0,016	0,297
CHR8	15362713	CHR8:15362713	SSF x LoA	-11,5806617	0,003	0,301
CHR8	15370963	CHR8:15370963	SSF x LoA	-5,64295389	0,039	0,332
CHR8	15381631	CHR8:15381631	SSF x LoA	-9,73463038	-0,033	0,304
CHR8	15381634	CHR8:15381634	SSF x LoA	-8,77963896	-0,052	0,308
CHR8	15384214	CHR8:15384214	SSF x LoA	-7,75028864	0,111	0,299
CHR8	15384326	CHR8:15384326	SSF x LoA	-7,85868464	-0,103	0,300
CHR8	15384345	CHR8:15384345	SSF x LoA	-3,63951041	-0,119	0,325
CHR8	15384356	CHR8:15384356	SSF x LoA	-9,30205347	0,068	0,307
CHR8	15384375	CHR8:15384375	SSF x LoA	-9,69446596	0,022	0,309
CHR8	15384441	CHR8:15384441	SSF x LoA	-9,05087799	-0,089	0,302
CHR8	15389440	CHR8:15389440	SSF x LoA	-10,5000081	-0,038	0,302
CHR8	15389445	CHR8:15389445	SSF x LoA	-10,9446087	-0,005	0,318
CHR8	15389487	CHR8:15389487	SSF x LoA	-11,7503834	0,069	0,309

CHR8	15389572	CHR8:15389572	SSF x LoA	-11,6011651	0,095	0,304
CHR8	15389589	CHR8:15389589	SSF x LoA	-8,79995042	-0,001	0,308
CHR8	15395486	CHR8:15395486	SSF x LoA	-7,03826487	0,086	0,301
CHR8	15395649	CHR8:15395649	SSF x LoA	-8,06763111	0,038	0,320
CHR8	15395708	CHR8:15395708	SSF x LoA	-3,00433081	-0,096	0,301
CHR8	15395725	CHR8:15395725	SSF x LoA	-7,21972364	-0,071	0,309
CHR8	15403166	CHR8:15403166	SSF x LoA	-9,49708217	0,115	0,306
CHR8	15403367	CHR8:15403367	SSF x LoA	-10,4251912	-0,081	0,306
CHR8	15436479	CHR8:15436479	SSF x LoA	-10,8222115	0,043	0,319
CHR8	15438522	CHR8:15438522	SSF x LoA	-12,0105932	0,020	0,306
CHR8	15438612	CHR8:15438612	SSF x LoA	-11,1046967	-0,008	0,309
CHR8	15438615	CHR8:15438615	SSF x LoA	-10,2452879	-0,031	0,310
CHR8	1544126	CHR8:1544126	SSF x LoA	-10,5515166	0,039	0,316
CHR8	15457474	CHR8:15457474	SSF x LoA	-7,72451262	-0,121	0,293
CHR8	15457587	CHR8:15457587	SSF x LoA	-4,73849163	-0,111	0,299
CHR8	15457620	CHR8:15457620	SSF x LoA	-8,59400332	0,009	0,318
CHR8	15457622	CHR8:15457622	SSF x LoA	-7,52093737	0,003	0,306
CHR8	15459850	CHR8:15459850	SSF x LoA	-8,9147133	0,153	0,291
CHR8	15465966	CHR8:15465966	SSF x LoA	-7,88247588	-0,173	0,296
CHR8	15466062	CHR8:15466062	SSF x LoA	-7,78362219	-0,009	0,313
CHR8	15466113	CHR8:15466113	SSF x LoA	-9,83559687	0,113	0,314
CHR8	15483515	CHR8:15483515	SSF x LoA	-8,60436909	0,088	0,307
CHR8	15483667	CHR8:15483667	SSF x LoA	-11,0182898	-0,010	0,310
CHR8	15483711	CHR8:15483711	SSF x LoA	-8,09205811	0,021	0,310
CHR8	15484612	CHR8:15484612	SSF x LoA	-6,83845865	0,085	0,315
CHR8	15488802	CHR8:15488802	SSF x LoA	-3,46223313	0,104	0,310
CHR8	15488853	CHR8:15488853	SSF x LoA	-7,88406746	-0,188	0,290
CHR8	15488867	CHR8:15488867	SSF x LoA	-8,50624701	-0,115	0,304
CHR8	15488889	CHR8:15488889	SSF x LoA	-10,3397233	-0,125	0,295
CHR8	15488893	CHR8:15488893	SSF x LoA	-11,50054	-0,015	0,298
CHR8	15488916	CHR8:15488916	SSF x LoA	-5,58182137	-0,169	0,306
CHR8	15489742	CHR8:15489742	SSF x LoA	-11,958884	-0,071	0,311
CHR8	15489791	CHR8:15489791	SSF x LoA	-10,2253093	-0,059	0,316
CHR8	1549506	CHR8:1549506	SSF x LoA	-8,89436714	0,170	0,309
CHR8	1549640	CHR8:1549640	SSF x LoA	-4,04076937	-0,188	0,305
CHR8	15508025	CHR8:15508025	SSF x LoA	-9,87442778	-0,019	0,310
CHR8	15508029	CHR8:15508029	SSF x LoA	-9,59117757	-0,004	0,311
CHR8	15508087	CHR8:15508087	SSF x LoA	-9,97319161	-0,127	0,315
CHR8	15541387	CHR8:15541387	SSF x LoA	-9,87551733	0,013	0,313
CHR8	15541442	CHR8:15541442	SSF x LoA	-5,08306164	0,131	0,314
CHR8	15550889	CHR8:15550889	SSF x LoA	-6,82601818	-0,008	0,315
CHR8	15551016	CHR8:15551016	SSF x LoA	-9,75484795	-0,080	0,303
CHR8	15569577	CHR8:15569577	SSF x LoA	-10,3113706	-0,018	0,305
CHR8	15569595	CHR8:15569595	SSF x LoA	-6,30889581	0,007	0,312
CHR8	15578447	CHR8:15578447	SSF x LoA	-10,3762852	0,023	0,307
CHR8	15582931	CHR8:15582931	SSF x LoA	-8,96880343	-0,043	0,309
CHR8	15582976	CHR8:15582976	SSF x LoA	-7,71116875	0,011	0,300
CHR8	15582995	CHR8:15582995	SSF x LoA	-8,57305676	-0,075	0,301
CHR8	15583000	CHR8:15583000	SSF x LoA	-8,39088098	-0,084	0,304
CHR8	15585398	CHR8:15585398	SSF x LoA	-7,88154095	0,050	0,316
CHR8	15585418	CHR8:15585418	SSF x LoA	-10,5225775	0,018	0,291
CHR8	15585462	CHR8:15585462	SSF x LoA	-8,57557354	-0,049	0,311
CHR8	15585474	CHR8:15585474	SSF x LoA	-9,24691861	0,069	0,300

CHR8	15587977	CHR8:15587977	SSF x LoA	-7,67996263	0,054	0,319
CHR8	15588005	CHR8:15588005	SSF x LoA	-9,53493648	0,029	0,309
CHR8	15588007	CHR8:15588007	SSF x LoA	-9,23578039	0,006	0,308
CHR8	15588024	CHR8:15588024	SSF x LoA	-9,56010452	0,052	0,310
CHR8	15588033	CHR8:15588033	SSF x LoA	-9,63335264	-0,003	0,287
CHR8	15588049	CHR8:15588049	SSF x LoA	-8,55741769	0,049	0,318
CHR8	15588133	CHR8:15588133	SSF x LoA	-8,87389402	-0,056	0,292
CHR8	15588184	CHR8:15588184	SSF x LoA	-8,22969296	-0,066	0,314
CHR8	15588194	CHR8:15588194	SSF x LoA	-9,14095421	-0,065	0,315
CHR8	15588200	CHR8:15588200	SSF x LoA	-8,84024888	0,039	0,299
CHR8	15602934	CHR8:15602934	SSF x LoA	-9,98012186	0,068	0,309
CHR8	15602939	CHR8:15602939	SSF x LoA	-9,89352023	0,111	0,293
CHR8	15616864	CHR8:15616864	SSF x LoA	-7,62427868	-0,025	0,317
CHR8	15617926	CHR8:15617926	SSF x LoA	-8,68514087	0,025	0,311
CHR8	15617949	CHR8:15617949	SSF x LoA	-8,96973885	0,048	0,289
CHR8	15617950	CHR8:15617950	SSF x LoA	-7,58144363	0,086	0,299
CHR8	15617964	CHR8:15617964	SSF x LoA	-8,7029777	0,093	0,300
CHR8	15617966	CHR8:15617966	SSF x LoA	-7,76878333	0,085	0,304
CHR8	15617967	CHR8:15617967	SSF x LoA	-8,08404372	-0,141	0,289
CHR8	15617973	CHR8:15617973	SSF x LoA	-6,85680854	-0,100	0,299
CHR8	15617974	CHR8:15617974	SSF x LoA	-10,079521	0,067	0,302
CHR8	15623364	CHR8:15623364	SSF x LoA	-9,72176917	0,059	0,295
CHR8	15623512	CHR8:15623512	SSF x LoA	-9,78713707	0,028	0,293
CHR8	15623632	CHR8:15623632	SSF x LoA	-9,73172272	0,005	0,314
CHR8	15628434	CHR8:15628434	SSF x LoA	-4,0860253	-0,096	0,289
CHR8	15628468	CHR8:15628468	SSF x LoA	-7,51144878	0,160	0,283
CHR8	15628532	CHR8:15628532	SSF x LoA	-8,79991606	-0,075	0,299
CHR8	15628550	CHR8:15628550	SSF x LoA	-8,33565536	-0,065	0,295
CHR8	15628560	CHR8:15628560	SSF x LoA	-6,86970058	0,007	0,317
CHR8	15628625	CHR8:15628625	SSF x LoA	-5,78823024	0,156	0,314
CHR8	15628627	CHR8:15628627	SSF x LoA	-7,81587602	0,136	0,311
CHR8	15628635	CHR8:15628635	SSF x LoA	-7,56471041	0,086	0,307
CHR8	15628641	CHR8:15628641	SSF x LoA	-12,2312802	-0,005	0,297
CHR8	15628682	CHR8:15628682	SSF x LoA	-5,93544244	0,183	0,303
CHR8	15628740	CHR8:15628740	SSF x LoA	-11,668602	-0,032	0,302
CHR8	15628765	CHR8:15628765	SSF x LoA	-8,9985188	-0,055	0,306
CHR8	15628788	CHR8:15628788	SSF x LoA	-9,44538467	0,010	0,310
CHR8	1563643	CHR8:1563643	SSF x LoA	-11,1658684	0,009	0,314
CHR8	1563702	CHR8:1563702	SSF x LoA	-11,13413	-0,074	0,297
CHR8	1563731	CHR8:1563731	SSF x LoA	-11,3532396	-0,017	0,319
CHR8	1563753	CHR8:1563753	SSF x LoA	-7,69937557	-0,081	0,312
CHR8	15637774	CHR8:15637774	SSF x LoA	-9,27701606	-0,087	0,314
CHR8	15638510	CHR8:15638510	SSF x LoA	-8,34634004	-0,035	0,298
CHR8	15642444	CHR8:15642444	SSF x LoA	-9,64733213	0,057	0,295
CHR8	15642454	CHR8:15642454	SSF x LoA	-8,77703257	0,034	0,303
CHR8	15642464	CHR8:15642464	SSF x LoA	-9,2297014	0,008	0,305
CHR8	15642467	CHR8:15642467	SSF x LoA	-8,65085055	0,053	0,311
CHR8	15649112	CHR8:15649112	SSF x LoA	-8,42283499	-0,086	0,310
CHR8	15649187	CHR8:15649187	SSF x LoA	11,2030842	-0,199	0,302
CHR8	15652794	CHR8:15652794	SSF x LoA	-3,37544595	0,066	0,317
CHR8	15652831	CHR8:15652831	SSF x LoA	-5,36584915	0,176	0,302
CHR8	15652862	CHR8:15652862	SSF x LoA	-0,66786943	0,227	0,298
CHR8	15652894	CHR8:15652894	SSF x LoA	-10,486805	0,172	0,292

CHR8	15652928	CHR8:15652928	SSF x LoA	-7,25681956	0,085	0,301
CHR8	15652951	CHR8:15652951	SSF x LoA	-10,5369672	0,030	0,293
CHR8	15652963	CHR8:15652963	SSF x LoA	-8,46737744	0,128	0,292
CHR8	15652970	CHR8:15652970	SSF x LoA	-8,85002286	0,134	0,307
CHR8	15652972	CHR8:15652972	SSF x LoA	-8,85432322	0,113	0,301
CHR8	15652993	CHR8:15652993	SSF x LoA	-9,41298541	0,121	0,307
CHR8	15653012	CHR8:15653012	SSF x LoA	-9,14184211	0,043	0,307
CHR8	15653023	CHR8:15653023	SSF x LoA	-9,71319835	0,070	0,312
CHR8	15657777	CHR8:15657777	SSF x LoA	-9,71653218	0,113	0,298
CHR8	15657807	CHR8:15657807	SSF x LoA	-8,43484108	-0,145	0,305
CHR8	15657829	CHR8:15657829	SSF x LoA	-9,24067354	0,049	0,301
CHR8	15657921	CHR8:15657921	SSF x LoA	-7,74847754	0,153	0,297
CHR8	15657955	CHR8:15657955	SSF x LoA	-8,81622337	0,088	0,304
CHR8	15662790	CHR8:15662790	SSF x LoA	-7,87858005	0,012	0,301
CHR8	15662825	CHR8:15662825	SSF x LoA	-8,80982227	0,058	0,302
CHR8	15662826	CHR8:15662826	SSF x LoA	-6,29434445	0,066	0,297
CHR8	15662833	CHR8:15662833	SSF x LoA	-9,30028827	0,064	0,295
CHR8	15667782	CHR8:15667782	SSF x LoA	-5,01807265	-0,037	0,299
CHR8	15667790	CHR8:15667790	SSF x LoA	-11,3501705	0,069	0,302
CHR8	15667836	CHR8:15667836	SSF x LoA	-8,86660981	-0,022	0,305
CHR8	15667978	CHR8:15667978	SSF x LoA	-8,41823962	-0,116	0,285
CHR8	15699082	CHR8:15699082	SSF x LoA	-8,82027967	0,019	0,312
CHR8	15699124	CHR8:15699124	SSF x LoA	-10,7987117	0,025	0,314
CHR8	15699149	CHR8:15699149	SSF x LoA	-5,74234745	0,080	0,305
CHR8	15699151	CHR8:15699151	SSF x LoA	-9,60397389	0,061	0,305
CHR8	15699277	CHR8:15699277	SSF x LoA	-11,2616614	-0,021	0,305
CHR8	15699284	CHR8:15699284	SSF x LoA	-9,87720594	-0,029	0,308
CHR8	15702697	CHR8:15702697	SSF x LoA	-9,76816359	-0,135	0,296
CHR8	15702733	CHR8:15702733	SSF x LoA	-11,3421022	0,017	0,313
CHR8	15702757	CHR8:15702757	SSF x LoA	-9,13236471	-0,058	0,305
CHR8	15702848	CHR8:15702848	SSF x LoA	-7,79876125	-0,069	0,310
CHR8	15702944	CHR8:15702944	SSF x LoA	-9,86029689	-0,045	0,307
CHR8	15702952	CHR8:15702952	SSF x LoA	-8,05139529	0,171	0,296
CHR8	15702967	CHR8:15702967	SSF x LoA	-8,84865186	-0,006	0,310
CHR8	15702998	CHR8:15702998	SSF x LoA	-10,0141352	0,089	0,291
CHR8	15705774	CHR8:15705774	SSF x LoA	-9,9327027	-0,061	0,307
CHR8	15705842	CHR8:15705842	SSF x LoA	-10,7890579	0,050	0,311
CHR8	15706001	CHR8:15706001	SSF x LoA	-8,46214954	0,066	0,312
CHR8	15706016	CHR8:15706016	SSF x LoA	-9,92259169	0,103	0,289
CHR8	15707706	CHR8:15707706	SSF x LoA	-6,13848739	0,150	0,302
CHR8	15707773	CHR8:15707773	SSF x LoA	-9,86403702	0,018	0,308
CHR8	15707794	CHR8:15707794	SSF x LoA	-10,6442213	0,055	0,303
CHR8	15707795	CHR8:15707795	SSF x LoA	-10,1692177	-0,146	0,305
CHR8	15712606	CHR8:15712606	SSF x LoA	-11,0270791	-0,061	0,308
CHR8	15712645	CHR8:15712645	SSF x LoA	-9,60862145	-0,021	0,307
CHR8	15712665	CHR8:15712665	SSF x LoA	-9,27282463	0,145	0,291
CHR8	15712687	CHR8:15712687	SSF x LoA	-8,57301228	0,150	0,298
CHR8	15712693	CHR8:15712693	SSF x LoA	-9,74150682	0,100	0,315
CHR8	15712726	CHR8:15712726	SSF x LoA	-8,50023978	-0,030	0,310
CHR8	15714111	CHR8:15714111	SSF x LoA	-7,06998098	0,002	0,306
CHR8	15714182	CHR8:15714182	SSF x LoA	-10,68335	-0,031	0,306
CHR8	15717833	CHR8:15717833	SSF x LoA	-8,2533589	0,133	0,293
CHR8	15717970	CHR8:15717970	SSF x LoA	-8,89796373	-0,005	0,316

CHR8	15717974	CHR8:15717974	SSF x LoA	-11,8933095	0,019	0,312
CHR8	15721581	CHR8:15721581	SSF x LoA	-10,0655688	0,006	0,306
CHR8	15734780	CHR8:15734780	SSF x LoA	-8,21725639	0,056	0,315
CHR8	15734804	CHR8:15734804	SSF x LoA	-10,9102354	-0,050	0,307
CHR8	15734858	CHR8:15734858	SSF x LoA	-8,03281208	-0,016	0,304
CHR8	15734890	CHR8:15734890	SSF x LoA	-9,35403351	-0,017	0,310
CHR8	15734904	CHR8:15734904	SSF x LoA	-8,20087688	-0,063	0,291
CHR8	15734926	CHR8:15734926	SSF x LoA	-10,3374551	0,133	0,315
CHR8	15734974	CHR8:15734974	SSF x LoA	-12,0199147	-0,037	0,294
CHR8	15734997	CHR8:15734997	SSF x LoA	-11,1702581	-0,058	0,309
CHR8	15737164	CHR8:15737164	SSF x LoA	-10,1179751	0,134	0,306
CHR8	15737957	CHR8:15737957	SSF x LoA	-8,53874647	0,136	0,298
CHR8	15743524	CHR8:15743524	SSF x LoA	-3,980142	0,162	0,282
CHR8	15748410	CHR8:15748410	SSF x LoA	-10,1045322	0,030	0,313
CHR8	15755980	CHR8:15755980	SSF x LoA	-10,0854938	-0,082	0,309
CHR8	15756052	CHR8:15756052	SSF x LoA	-8,90836568	0,053	0,297
CHR8	15757593	CHR8:15757593	SSF x LoA	-8,23302299	0,087	0,299
CHR8	15757597	CHR8:15757597	SSF x LoA	-8,53779528	0,072	0,302
CHR8	15759437	CHR8:15759437	SSF x LoA	-4,45085382	-0,165	0,300
CHR8	15759553	CHR8:15759553	SSF x LoA	-11,0498161	-0,076	0,300
CHR8	15763885	CHR8:15763885	SSF x LoA	-11,8132781	-0,016	0,297
CHR8	15764031	CHR8:15764031	SSF x LoA	-10,5893029	0,103	0,299
CHR8	15777637	CHR8:15777637	SSF x LoA	-6,74745165	-0,067	0,313
CHR8	15777741	CHR8:15777741	SSF x LoA	-10,2587837	-0,005	0,301
CHR8	15777874	CHR8:15777874	SSF x LoA	-11,6435416	-0,052	0,310
CHR8	15794417	CHR8:15794417	SSF x LoA	-9,35231588	-0,122	0,305
CHR8	15794418	CHR8:15794418	SSF x LoA	-9,72624968	-0,015	0,302
CHR8	15794484	CHR8:15794484	SSF x LoA	-10,3014155	-0,011	0,307
CHR8	15798655	CHR8:15798655	SSF x LoA	-11,250949	0,066	0,305
CHR8	15798688	CHR8:15798688	SSF x LoA	-9,83044948	-0,075	0,304
CHR8	15800684	CHR8:15800684	SSF x LoA	-8,29940792	0,075	0,311
CHR8	15800738	CHR8:15800738	SSF x LoA	-9,9141904	0,122	0,302
CHR8	15803301	CHR8:15803301	SSF x LoA	-9,66425183	-0,064	0,312
CHR8	15806274	CHR8:15806274	SSF x LoA	-10,015658	-0,020	0,316
CHR8	15810434	CHR8:15810434	SSF x LoA	-9,50593009	0,050	0,313
CHR8	15824280	CHR8:15824280	SSF x LoA	-7,36637662	-0,054	0,301
CHR8	15824321	CHR8:15824321	SSF x LoA	-11,4839769	0,002	0,305
CHR8	15824356	CHR8:15824356	SSF x LoA	-9,01784883	0,003	0,312
CHR8	15824361	CHR8:15824361	SSF x LoA	-8,54793763	0,022	0,301
CHR8	15824384	CHR8:15824384	SSF x LoA	-8,19494572	0,054	0,317
CHR8	15824397	CHR8:15824397	SSF x LoA	-9,11968501	-0,058	0,303
CHR8	15824400	CHR8:15824400	SSF x LoA	-11,3146436	-0,073	0,311
CHR8	15824460	CHR8:15824460	SSF x LoA	-11,1879891	0,008	0,311
CHR8	15824484	CHR8:15824484	SSF x LoA	-9,31001825	0,021	0,300
CHR8	15824505	CHR8:15824505	SSF x LoA	-11,1562128	0,033	0,299
CHR8	15824520	CHR8:15824520	SSF x LoA	-9,92890418	-0,011	0,310
CHR8	15824541	CHR8:15824541	SSF x LoA	-10,0182948	0,044	0,293
CHR8	15834688	CHR8:15834688	SSF x LoA	-11,0525976	0,077	0,305
CHR8	15834715	CHR8:15834715	SSF x LoA	-9,66584267	-0,091	0,311
CHR8	15834716	CHR8:15834716	SSF x LoA	-11,0845049	-0,063	0,299
CHR8	15834734	CHR8:15834734	SSF x LoA	-11,0398232	0,012	0,315
CHR8	15834810	CHR8:15834810	SSF x LoA	-8,46642429	-0,044	0,314
CHR8	15834812	CHR8:15834812	SSF x LoA	-7,52655927	0,163	0,308

CHR8	15834900	CHR8:15834900	SSF x LoA	-8,7990177	-0,020	0,316
CHR8	15834901	CHR8:15834901	SSF x LoA	-9,57300064	-0,074	0,294
CHR8	15834904	CHR8:15834904	SSF x LoA	-11,3655114	-0,094	0,303
CHR8	15841626	CHR8:15841626	SSF x LoA	-10,048086	0,025	0,301
CHR8	15844732	CHR8:15844732	SSF x LoA	-7,62059527	-0,198	0,293
CHR8	15848549	CHR8:15848549	SSF x LoA	-10,7263333	0,061	0,312
CHR8	15848931	CHR8:15848931	SSF x LoA	-8,65514375	-0,009	0,319
CHR8	15873042	CHR8:15873042	SSF x LoA	-10,8454622	-0,025	0,309
CHR8	15873181	CHR8:15873181	SSF x LoA	-10,3848059	0,076	0,302
CHR8	15878171	CHR8:15878171	SSF x LoA	-9,76607418	0,010	0,315
CHR8	15878205	CHR8:15878205	SSF x LoA	-9,29866598	-0,027	0,312
CHR8	15878231	CHR8:15878231	SSF x LoA	-9,92908638	0,048	0,316
CHR8	15878331	CHR8:15878331	SSF x LoA	-11,2189697	0,077	0,304
CHR8	15878377	CHR8:15878377	SSF x LoA	-7,30463554	0,070	0,310
CHR8	15881091	CHR8:15881091	SSF x LoA	-10,0390557	-0,056	0,312
CHR8	15884508	CHR8:15884508	SSF x LoA	-8,34185458	-0,087	0,310
CHR8	15884540	CHR8:15884540	SSF x LoA	-9,9161709	0,053	0,317
CHR8	15884549	CHR8:15884549	SSF x LoA	-9,19973285	0,056	0,311
CHR8	15890376	CHR8:15890376	SSF x LoA	-7,55194479	0,082	0,294
CHR8	15890477	CHR8:15890477	SSF x LoA	-10,1659533	-0,026	0,311
CHR8	15890493	CHR8:15890493	SSF x LoA	-9,52344184	-0,017	0,321
CHR8	15901236	CHR8:15901236	SSF x LoA	-10,7786111	-0,093	0,307
CHR8	15901257	CHR8:15901257	SSF x LoA	-7,06458809	-0,003	0,307
CHR8	15901263	CHR8:15901263	SSF x LoA	-8,49946787	-0,005	0,291
CHR8	15901279	CHR8:15901279	SSF x LoA	-7,21050798	-0,117	0,298
CHR8	15901319	CHR8:15901319	SSF x LoA	-6,83416448	-0,106	0,306
CHR8	15909984	CHR8:15909984	SSF x LoA	-8,13700668	-0,074	0,305
CHR8	15910079	CHR8:15910079	SSF x LoA	-10,7271734	0,059	0,308
CHR8	1591452	CHR8:1591452	SSF x LoA	-10,1993513	-0,036	0,317
CHR8	1591455	CHR8:1591455	SSF x LoA	-9,47673066	-0,063	0,314
CHR8	15933390	CHR8:15933390	SSF x LoA	-10,6707874	-0,008	0,312
CHR8	15933412	CHR8:15933412	SSF x LoA	-10,2950647	-0,026	0,308
CHR8	15933509	CHR8:15933509	SSF x LoA	-2,54345933	-0,102	0,320
CHR8	15933654	CHR8:15933654	SSF x LoA	-8,94492594	-0,008	0,320
CHR8	15936827	CHR8:15936827	SSF x LoA	-7,7134979	-0,003	0,317
CHR8	15939230	CHR8:15939230	SSF x LoA	-9,33442578	-0,009	0,324
CHR8	15939254	CHR8:15939254	SSF x LoA	-8,62333738	-0,094	0,296
CHR8	15939263	CHR8:15939263	SSF x LoA	-5,66329472	-0,044	0,323
CHR8	15939302	CHR8:15939302	SSF x LoA	-10,4643308	0,029	0,303
CHR8	15939313	CHR8:15939313	SSF x LoA	-9,47579467	0,044	0,322
CHR8	15940963	CHR8:15940963	SSF x LoA	-12,0348808	-0,032	0,297
CHR8	15949462	CHR8:15949462	SSF x LoA	-10,9626193	0,031	0,304
CHR8	15949531	CHR8:15949531	SSF x LoA	-11,6111296	0,032	0,301
CHR8	15985409	CHR8:15985409	SSF x LoA	-8,19768264	0,074	0,309
CHR8	15985411	CHR8:15985411	SSF x LoA	-6,97600814	0,089	0,295
CHR8	15985556	CHR8:15985556	SSF x LoA	-8,04957514	0,109	0,311
CHR8	15985557	CHR8:15985557	SSF x LoA	-7,47812501	-0,102	0,307
CHR8	15985574	CHR8:15985574	SSF x LoA	-12,1201291	0,010	0,300
CHR8	15997704	CHR8:15997704	SSF x LoA	-7,61065564	0,086	0,303
CHR8	15997706	CHR8:15997706	SSF x LoA	-8,7340081	-0,017	0,324
CHR8	15997745	CHR8:15997745	SSF x LoA	-10,285881	-0,023	0,298
CHR8	15997747	CHR8:15997747	SSF x LoA	-4,126862	0,124	0,312
CHR8	16000637	CHR8:16000637	SSF x LoA	-10,3690995	0,032	0,309

CHR8	16000682	CHR8:16000682	SSF x LoA	-8,65825878	-0,095	0,302
CHR8	16000684	CHR8:16000684	SSF x LoA	-7,097701	-0,055	0,300
CHR8	16000785	CHR8:16000785	SSF x LoA	-10,3336626	0,067	0,301
CHR8	16005519	CHR8:16005519	SSF x LoA	-11,0345322	0,065	0,299
CHR8	16012289	CHR8:16012289	SSF x LoA	-8,62062225	-0,073	0,307
CHR8	16012442	CHR8:16012442	SSF x LoA	-9,93399114	0,003	0,312
CHR8	16020704	CHR8:16020704	SSF x LoA	-9,05673426	-0,049	0,304
CHR8	16020845	CHR8:16020845	SSF x LoA	-5,36415798	-0,125	0,307
CHR8	16020890	CHR8:16020890	SSF x LoA	-6,33285497	-0,045	0,310
CHR8	16022776	CHR8:16022776	SSF x LoA	-7,13541914	-0,014	0,296
CHR8	16022779	CHR8:16022779	SSF x LoA	-9,29920624	-0,020	0,311
CHR8	16022790	CHR8:16022790	SSF x LoA	-6,01750796	0,029	0,304
CHR8	16022874	CHR8:16022874	SSF x LoA	-8,73416454	0,084	0,306
CHR8	16030373	CHR8:16030373	SSF x LoA	-8,12474451	0,119	0,307
CHR8	16030475	CHR8:16030475	SSF x LoA	-11,4853141	-0,005	0,312
CHR8	16030491	CHR8:16030491	SSF x LoA	-10,675159	0,085	0,296
CHR8	16041257	CHR8:16041257	SSF x LoA	-9,03921478	-0,041	0,324
CHR8	16041283	CHR8:16041283	SSF x LoA	-10,5834239	-0,090	0,299
CHR8	16041286	CHR8:16041286	SSF x LoA	5,54930877	-0,064	0,298
CHR8	16041335	CHR8:16041335	SSF x LoA	-8,17245926	-0,071	0,318
CHR8	16042153	CHR8:16042153	SSF x LoA	-7,66477718	-0,101	0,307
CHR8	16042156	CHR8:16042156	SSF x LoA	-8,84430327	-0,019	0,313
CHR8	16043648	CHR8:16043648	SSF x LoA	-8,19196266	0,142	0,301
CHR8	16073804	CHR8:16073804	SSF x LoA	-7,57570183	0,061	0,310
CHR8	16073827	CHR8:16073827	SSF x LoA	-10,8352617	0,028	0,311
CHR8	16073832	CHR8:16073832	SSF x LoA	-9,26732589	0,039	0,306
CHR8	16073908	CHR8:16073908	SSF x LoA	-8,70775191	-0,107	0,302
CHR8	16073935	CHR8:16073935	SSF x LoA	-8,37770466	-0,153	0,300
CHR8	16073984	CHR8:16073984	SSF x LoA	-9,22414602	-0,058	0,307
CHR8	16079940	CHR8:16079940	SSF x LoA	-9,88547289	0,001	0,318
CHR8	16080055	CHR8:16080055	SSF x LoA	-9,1705291	0,027	0,308
CHR8	16080371	CHR8:16080371	SSF x LoA	-10,9190477	-0,035	0,311
CHR8	16081434	CHR8:16081434	SSF x LoA	-12,1285661	0,057	0,304
CHR8	16081525	CHR8:16081525	SSF x LoA	-6,3857208	0,114	0,301
CHR8	16081932	CHR8:16081932	SSF x LoA	-11,7474224	-0,021	0,312
CHR8	16089380	CHR8:16089380	SSF x LoA	-8,90091415	0,003	0,318
CHR8	16089398	CHR8:16089398	SSF x LoA	-8,58221099	-0,060	0,308
CHR8	16155198	CHR8:16155198	SSF x LoA	-8,86171432	0,013	0,298
CHR8	16155210	CHR8:16155210	SSF x LoA	-7,97969861	0,111	0,305
CHR8	16156006	CHR8:16156006	SSF x LoA	-7,38076648	-0,028	0,305
CHR8	16156015	CHR8:16156015	SSF x LoA	-11,4785952	-0,001	0,303
CHR8	16158871	CHR8:16158871	SSF x LoA	-9,96796987	0,002	0,304
CHR8	16158914	CHR8:16158914	SSF x LoA	-9,98381938	0,041	0,300
CHR8	16164833	CHR8:16164833	SSF x LoA	-9,16654121	-0,139	0,296
CHR8	16165051	CHR8:16165051	SSF x LoA	-3,80048828	-0,252	0,289
CHR8	16176678	CHR8:16176678	SSF x LoA	-9,82915075	-0,151	0,301
CHR8	16176685	CHR8:16176685	SSF x LoA	-7,01289561	-0,123	0,311
CHR8	16176762	CHR8:16176762	SSF x LoA	-10,6205925	-0,083	0,301
CHR8	16177532	CHR8:16177532	SSF x LoA	-7,45791141	-0,146	0,314
CHR8	16177533	CHR8:16177533	SSF x LoA	-7,86556701	-0,136	0,294
CHR8	16196040	CHR8:16196040	SSF x LoA	-8,51150026	-0,120	0,299
CHR8	16196123	CHR8:16196123	SSF x LoA	-11,4581585	-0,053	0,310
CHR8	16196134	CHR8:16196134	SSF x LoA	-10,6673777	-0,020	0,299

CHR8	16196167	CHR8:16196167	SSF x LoA	-11,5763238	-0,004	0,316
CHR8	16207924	CHR8:16207924	SSF x LoA	-9,51584864	0,001	0,308
CHR8	16207927	CHR8:16207927	SSF x LoA	-7,84927122	-0,013	0,309
CHR8	16207956	CHR8:16207956	SSF x LoA	-6,56911447	-0,208	0,296
CHR8	16207974	CHR8:16207974	SSF x LoA	-10,5999862	-0,012	0,295
CHR8	16208074	CHR8:16208074	SSF x LoA	-9,31593788	0,056	0,307
CHR8	16215528	CHR8:16215528	SSF x LoA	-6,57990817	0,083	0,311
CHR8	16215582	CHR8:16215582	SSF x LoA	-8,1591535	0,125	0,315
CHR8	16215605	CHR8:16215605	SSF x LoA	-7,28515635	-0,153	0,297
CHR8	16215608	CHR8:16215608	SSF x LoA	-8,53237151	0,003	0,317
CHR8	16215656	CHR8:16215656	SSF x LoA	-10,1029383	-0,031	0,297
CHR8	16215669	CHR8:16215669	SSF x LoA	-5,24245257	0,107	0,309
CHR8	16215686	CHR8:16215686	SSF x LoA	-8,05113358	-0,099	0,312
CHR8	16215707	CHR8:16215707	SSF x LoA	-9,95417818	0,049	0,313
CHR8	16215783	CHR8:16215783	SSF x LoA	-8,41894952	-0,134	0,309
CHR8	16215796	CHR8:16215796	SSF x LoA	-11,5027368	0,058	0,306
CHR8	16215824	CHR8:16215824	SSF x LoA	-9,81462431	0,029	0,303
CHR8	16215826	CHR8:16215826	SSF x LoA	-8,38645352	0,092	0,306
CHR8	16216796	CHR8:16216796	SSF x LoA	-7,76329927	0,085	0,316
CHR8	16216812	CHR8:16216812	SSF x LoA	-8,0665811	0,073	0,316
CHR8	16216820	CHR8:16216820	SSF x LoA	-6,29875892	0,067	0,309
CHR8	16216844	CHR8:16216844	SSF x LoA	-8,43302132	0,061	0,324
CHR8	16216879	CHR8:16216879	SSF x LoA	-10,5292487	-0,022	0,316
CHR8	16217363	CHR8:16217363	SSF x LoA	-6,53248907	0,084	0,315
CHR8	16217460	CHR8:16217460	SSF x LoA	-10,5598611	-0,005	0,305
CHR8	16217487	CHR8:16217487	SSF x LoA	-9,81424569	0,053	0,316
CHR8	16225416	CHR8:16225416	SSF x LoA	-9,44865187	0,019	0,314
CHR8	16225446	CHR8:16225446	SSF x LoA	-8,02506147	0,007	0,316
CHR8	16225447	CHR8:16225447	SSF x LoA	-10,2026926	-0,059	0,317
CHR8	16225805	CHR8:16225805	SSF x LoA	-10,3515914	-0,019	0,308
CHR8	16225910	CHR8:16225910	SSF x LoA	-9,10302397	-0,034	0,319
CHR8	16225936	CHR8:16225936	SSF x LoA	-9,3807212	-0,041	0,332
CHR8	16229898	CHR8:16229898	SSF x LoA	-10,1739268	-0,067	0,315
CHR8	16238076	CHR8:16238076	SSF x LoA	-7,82761475	-0,043	0,313
CHR8	16238138	CHR8:16238138	SSF x LoA	-10,568797	-0,066	0,311
CHR8	16238160	CHR8:16238160	SSF x LoA	-8,41979329	-0,008	0,314
CHR8	16238231	CHR8:16238231	SSF x LoA	-10,7712178	-0,065	0,309
CHR8	16238250	CHR8:16238250	SSF x LoA	-10,4564105	0,002	0,311
CHR8	16238441	CHR8:16238441	SSF x LoA	-10,4303044	-0,046	0,305
CHR8	16254615	CHR8:16254615	SSF x LoA	-10,8047115	0,063	0,308
CHR8	16258007	CHR8:16258007	SSF x LoA	-11,2867269	0,020	0,304
CHR8	16258070	CHR8:16258070	SSF x LoA	-11,1826863	-0,055	0,289
CHR8	16258101	CHR8:16258101	SSF x LoA	-6,03772564	0,042	0,320
CHR8	16258105	CHR8:16258105	SSF x LoA	-8,4543986	0,075	0,312
CHR8	16258559	CHR8:16258559	SSF x LoA	-8,65525882	0,037	0,312
CHR8	16284092	CHR8:16284092	SSF x LoA	-8,69724726	0,107	0,302
CHR8	16306265	CHR8:16306265	SSF x LoA	-11,4761885	0,041	0,318
CHR8	16306305	CHR8:16306305	SSF x LoA	-6,47335338	0,168	0,300
CHR8	16306346	CHR8:16306346	SSF x LoA	-5,978906	0,094	0,304
CHR8	16316607	CHR8:16316607	SSF x LoA	-10,4052242	0,079	0,310
CHR8	16316614	CHR8:16316614	SSF x LoA	-11,2733266	-0,056	0,310
CHR8	16322752	CHR8:16322752	SSF x LoA	-9,8751019	0,051	0,324
CHR8	16328136	CHR8:16328136	SSF x LoA	-5,23300953	-0,056	0,303

CHR8	16328420	CHR8:16328420	SSF x LoA	-11,1732407	-0,046	0,300
CHR8	16336952	CHR8:16336952	SSF x LoA	-2,09351877	-0,111	0,305
CHR8	16336960	CHR8:16336960	SSF x LoA	-6,27627251	0,109	0,303
CHR8	16336963	CHR8:16336963	SSF x LoA	-8,23375153	0,128	0,308
CHR8	16337207	CHR8:16337207	SSF x LoA	-10,2278012	-0,110	0,295
CHR8	16342328	CHR8:16342328	SSF x LoA	-10,0759685	-0,062	0,314
CHR8	16342331	CHR8:16342331	SSF x LoA	-5,04233637	-0,129	0,304
CHR8	16342420	CHR8:16342420	SSF x LoA	-7,28374763	-0,001	0,309
CHR8	1635118	CHR8:1635118	SSF x LoA	-9,7759767	0,066	0,303
CHR8	1635146	CHR8:1635146	SSF x LoA	-9,66375056	0,073	0,315
CHR8	1635217	CHR8:1635217	SSF x LoA	-4,96381773	0,062	0,312
CHR8	1635309	CHR8:1635309	SSF x LoA	-9,91015292	0,003	0,317
CHR8	1636095	CHR8:1636095	SSF x LoA	-9,47078251	-0,094	0,319
CHR8	1636113	CHR8:1636113	SSF x LoA	-9,5643032	0,118	0,306
CHR8	1636138	CHR8:1636138	SSF x LoA	-7,60502898	-0,017	0,325
CHR8	1636149	CHR8:1636149	SSF x LoA	-9,67024764	-0,032	0,320
CHR8	1636201	CHR8:1636201	SSF x LoA	-10,0050929	-0,114	0,296
CHR8	1636213	CHR8:1636213	SSF x LoA	-8,79975183	-0,009	0,308
CHR8	1636225	CHR8:1636225	SSF x LoA	-8,24908996	-0,077	0,303
CHR8	1636240	CHR8:1636240	SSF x LoA	-7,97924772	0,051	0,295
CHR8	16366126	CHR8:16366126	SSF x LoA	-8,57196508	0,088	0,312
CHR8	16366469	CHR8:16366469	SSF x LoA	-10,0072001	0,099	0,320
CHR8	16377297	CHR8:16377297	SSF x LoA	-10,9175414	-0,065	0,306
CHR8	16377566	CHR8:16377566	SSF x LoA	-8,23577204	0,093	0,306
CHR8	16377647	CHR8:16377647	SSF x LoA	-9,38389203	-0,096	0,307
CHR8	16378276	CHR8:16378276	SSF x LoA	-8,65403251	0,140	0,301
CHR8	16378355	CHR8:16378355	SSF x LoA	-8,20233924	-0,138	0,295
CHR8	16378365	CHR8:16378365	SSF x LoA	-8,17890583	0,172	0,287
CHR8	16384112	CHR8:16384112	SSF x LoA	-10,7833324	-0,003	0,318
CHR8	16384133	CHR8:16384133	SSF x LoA	-8,20930913	-0,083	0,293
CHR8	16384216	CHR8:16384216	SSF x LoA	-7,36769487	0,105	0,302
CHR8	16384278	CHR8:16384278	SSF x LoA	-11,0275192	0,133	0,304
CHR8	16393762	CHR8:16393762	SSF x LoA	-10,4506871	0,034	0,308
CHR8	16393793	CHR8:16393793	SSF x LoA	-8,08597194	0,140	0,296
CHR8	16393797	CHR8:16393797	SSF x LoA	-10,8952479	0,057	0,293
CHR8	16393803	CHR8:16393803	SSF x LoA	-9,69992939	0,110	0,300
CHR8	16393813	CHR8:16393813	SSF x LoA	-8,92783958	0,005	0,313
CHR8	16393845	CHR8:16393845	SSF x LoA	-10,0752149	0,066	0,302
CHR8	16393846	CHR8:16393846	SSF x LoA	-8,49532844	0,045	0,317
CHR8	16398177	CHR8:16398177	SSF x LoA	-7,52067964	0,003	0,317
CHR8	16398187	CHR8:16398187	SSF x LoA	-8,82795604	0,101	0,303
CHR8	16398189	CHR8:16398189	SSF x LoA	-10,2133394	0,009	0,304
CHR8	16398233	CHR8:16398233	SSF x LoA	-4,41431451	0,002	0,316
CHR8	16399949	CHR8:16399949	SSF x LoA	-6,66471745	-0,036	0,306
CHR8	16399971	CHR8:16399971	SSF x LoA	-3,53714636	0,112	0,315
CHR8	16404189	CHR8:16404189	SSF x LoA	-9,91582684	-0,070	0,290
CHR8	16404198	CHR8:16404198	SSF x LoA	-5,22568	-0,144	0,310
CHR8	16404201	CHR8:16404201	SSF x LoA	-6,98567716	-0,156	0,300
CHR8	16410886	CHR8:16410886	SSF x LoA	-11,6407944	-0,015	0,318
CHR8	16410932	CHR8:16410932	SSF x LoA	-9,41266072	-0,109	0,304
CHR8	16411078	CHR8:16411078	SSF x LoA	-10,547538	-0,118	0,307
CHR8	16411115	CHR8:16411115	SSF x LoA	-9,20374264	0,008	0,306
CHR8	16411117	CHR8:16411117	SSF x LoA	-9,96000065	-0,049	0,320

CHR8	16414145	CHR8:16414145	SSF x LoA	-9,65853268	0,095	0,297
CHR8	16414182	CHR8:16414182	SSF x LoA	-7,64419827	0,134	0,305
CHR8	16414226	CHR8:16414226	SSF x LoA	-10,5394358	0,042	0,304
CHR8	16416250	CHR8:16416250	SSF x LoA	-9,94111047	-0,099	0,293
CHR8	16416256	CHR8:16416256	SSF x LoA	-8,72103806	0,018	0,313
CHR8	16416290	CHR8:16416290	SSF x LoA	-8,23464189	-0,106	0,302
CHR8	16416320	CHR8:16416320	SSF x LoA	-9,69494811	-0,128	0,305
CHR8	16418391	CHR8:16418391	SSF x LoA	-10,5659769	-0,108	0,295
CHR8	16420674	CHR8:16420674	SSF x LoA	-9,14848503	-0,028	0,313
CHR8	16420675	CHR8:16420675	SSF x LoA	-9,00986386	-0,089	0,304
CHR8	16423396	CHR8:16423396	SSF x LoA	-10,559572	-0,002	0,291
CHR8	16423457	CHR8:16423457	SSF x LoA	-10,0839497	0,093	0,307
CHR8	16423484	CHR8:16423484	SSF x LoA	-8,15725803	0,088	0,307
CHR8	1643481	CHR8:1643481	SSF x LoA	-10,8012215	-0,084	0,309
CHR8	1643579	CHR8:1643579	SSF x LoA	-11,4105175	-0,013	0,296
CHR8	16437633	CHR8:16437633	SSF x LoA	-9,62392493	-0,036	0,311
CHR8	16447132	CHR8:16447132	SSF x LoA	-10,2011131	-0,031	0,312
CHR8	16447344	CHR8:16447344	SSF x LoA	-9,09266885	-0,037	0,307
CHR8	16458180	CHR8:16458180	SSF x LoA	-9,70300675	0,052	0,304
CHR8	16458184	CHR8:16458184	SSF x LoA	-9,82870213	-0,008	0,308
CHR8	16479866	CHR8:16479866	SSF x LoA	-9,66162711	-0,104	0,300
CHR8	16485223	CHR8:16485223	SSF x LoA	-8,78337826	0,050	0,305
CHR8	16487322	CHR8:16487322	SSF x LoA	-8,05584252	0,065	0,306
CHR8	16489723	CHR8:16489723	SSF x LoA	-7,38809523	-0,102	0,304
CHR8	16494972	CHR8:16494972	SSF x LoA	-10,3956489	0,027	0,299
CHR8	16494988	CHR8:16494988	SSF x LoA	-10,6704216	0,126	0,306
CHR8	16495053	CHR8:16495053	SSF x LoA	-10,728329	0,082	0,309
CHR8	16495093	CHR8:16495093	SSF x LoA	-8,11792176	-0,067	0,297
CHR8	16495116	CHR8:16495116	SSF x LoA	-8,2927133	0,131	0,306
CHR8	16495123	CHR8:16495123	SSF x LoA	-8,66823526	0,116	0,296
CHR8	16495124	CHR8:16495124	SSF x LoA	-8,44058682	0,154	0,307
CHR8	16505961	CHR8:16505961	SSF x LoA	-7,88326127	-0,132	0,292
CHR8	16508781	CHR8:16508781	SSF x LoA	-5,6369053	-0,046	0,307
CHR8	16508796	CHR8:16508796	SSF x LoA	-9,39573998	-0,007	0,294
CHR8	16520857	CHR8:16520857	SSF x LoA	-9,94413282	0,066	0,314
CHR8	16520996	CHR8:16520996	SSF x LoA	-9,29048488	0,115	0,303
CHR8	16547040	CHR8:16547040	SSF x LoA	-7,451039	0,085	0,320
CHR8	16547051	CHR8:16547051	SSF x LoA	-8,08274536	-0,159	0,292
CHR8	16547108	CHR8:16547108	SSF x LoA	-11,3015392	0,088	0,293
CHR8	16547116	CHR8:16547116	SSF x LoA	-6,29708806	0,175	0,313
CHR8	16547248	CHR8:16547248	SSF x LoA	-7,81216636	0,033	0,321
CHR8	16547249	CHR8:16547249	SSF x LoA	-7,8272265	-0,043	0,320
CHR8	16547253	CHR8:16547253	SSF x LoA	-8,85418383	-0,002	0,320
CHR8	16547297	CHR8:16547297	SSF x LoA	-8,14322357	-0,057	0,320
CHR8	16550341	CHR8:16550341	SSF x LoA	-8,75665536	-0,031	0,314
CHR8	16550346	CHR8:16550346	SSF x LoA	-11,4078672	-0,006	0,307
CHR8	16550353	CHR8:16550353	SSF x LoA	-12,5368864	0,002	0,296
CHR8	16550393	CHR8:16550393	SSF x LoA	-9,86550293	-0,018	0,299
CHR8	16558378	CHR8:16558378	SSF x LoA	-8,85541043	0,096	0,298
CHR8	1656258	CHR8:1656258	SSF x LoA	-8,57872538	0,083	0,305
CHR8	16563985	CHR8:16563985	SSF x LoA	-7,48528581	-0,045	0,317
CHR8	16564015	CHR8:16564015	SSF x LoA	-9,41580604	-0,024	0,305
CHR8	16566781	CHR8:16566781	SSF x LoA	-11,3004896	0,054	0,313

CHR8	16568996	CHR8:16568996	SSF x LoA	-9,77248256	0,128	0,310
CHR8	16569175	CHR8:16569175	SSF x LoA	-8,57282942	0,059	0,309
CHR8	16569256	CHR8:16569256	SSF x LoA	-7,67441417	0,102	0,288
CHR8	16573960	CHR8:16573960	SSF x LoA	-9,11898906	0,081	0,295
CHR8	16574014	CHR8:16574014	SSF x LoA	-10,6139454	-0,062	0,307
CHR8	16574795	CHR8:16574795	SSF x LoA	-9,19802153	0,051	0,304
CHR8	16574814	CHR8:16574814	SSF x LoA	-9,87046208	-0,014	0,289
CHR8	16578640	CHR8:16578640	SSF x LoA	-10,3328622	0,004	0,299
CHR8	16579321	CHR8:16579321	SSF x LoA	-9,02087471	0,092	0,300
CHR8	16591562	CHR8:16591562	SSF x LoA	-11,230168	-0,066	0,287
CHR8	16591659	CHR8:16591659	SSF x LoA	-3,89741133	-0,043	0,299
CHR8	16591660	CHR8:16591660	SSF x LoA	-8,73307127	-0,064	0,304
CHR8	16591693	CHR8:16591693	SSF x LoA	-9,05025818	-0,080	0,285
CHR8	16591696	CHR8:16591696	SSF x LoA	-8,33609441	-0,064	0,304
CHR8	16604669	CHR8:16604669	SSF x LoA	-7,78694547	0,017	0,313
CHR8	16604672	CHR8:16604672	SSF x LoA	-9,78411489	-0,104	0,302
CHR8	16604722	CHR8:16604722	SSF x LoA	-9,2632797	-0,074	0,313
CHR8	16619063	CHR8:16619063	SSF x LoA	-9,94576947	0,015	0,306
CHR8	16619071	CHR8:16619071	SSF x LoA	-9,21759214	0,066	0,306
CHR8	16619089	CHR8:16619089	SSF x LoA	-9,50205294	0,012	0,299
CHR8	16619118	CHR8:16619118	SSF x LoA	-11,2843061	-0,016	0,309
CHR8	16619449	CHR8:16619449	SSF x LoA	-11,8312566	0,058	0,296
CHR8	16619468	CHR8:16619468	SSF x LoA	-7,94276707	0,005	0,301
CHR8	16619469	CHR8:16619469	SSF x LoA	-9,39966237	0,020	0,320
CHR8	16623836	CHR8:16623836	SSF x LoA	-10,5792502	-0,008	0,284
CHR8	16623839	CHR8:16623839	SSF x LoA	-5,5455405	-0,150	0,315
CHR8	16623863	CHR8:16623863	SSF x LoA	-8,23241421	0,107	0,316
CHR8	16623912	CHR8:16623912	SSF x LoA	-9,33995099	-0,044	0,303
CHR8	16626676	CHR8:16626676	SSF x LoA	-8,36365627	0,067	0,299
CHR8	16626795	CHR8:16626795	SSF x LoA	-11,2081568	-0,018	0,313
CHR8	16636278	CHR8:16636278	SSF x LoA	-8,2820109	0,011	0,313
CHR8	16636329	CHR8:16636329	SSF x LoA	-8,47550302	-0,003	0,311
CHR8	16636334	CHR8:16636334	SSF x LoA	-8,91679545	-0,012	0,301
CHR8	16636352	CHR8:16636352	SSF x LoA	-9,48249461	0,002	0,311
CHR8	16636422	CHR8:16636422	SSF x LoA	-8,07731344	-0,132	0,315
CHR8	16639247	CHR8:16639247	SSF x LoA	-8,96993753	0,066	0,316
CHR8	16639313	CHR8:16639313	SSF x LoA	-8,49512291	-0,005	0,310
CHR8	16641557	CHR8:16641557	SSF x LoA	-8,85415673	0,024	0,303
CHR8	16641585	CHR8:16641585	SSF x LoA	8,75214077	-0,160	0,296
CHR8	16642904	CHR8:16642904	SSF x LoA	-8,13781223	-0,069	0,303
CHR8	16646420	CHR8:16646420	SSF x LoA	-3,4186386	0,126	0,294
CHR8	16646479	CHR8:16646479	SSF x LoA	-9,74036905	0,025	0,302
CHR8	16646483	CHR8:16646483	SSF x LoA	-10,3053919	0,027	0,301
CHR8	16646540	CHR8:16646540	SSF x LoA	-8,96798928	-0,032	0,310
CHR8	16646549	CHR8:16646549	SSF x LoA	-8,79273513	0,005	0,300
CHR8	16655643	CHR8:16655643	SSF x LoA	-11,2843562	-0,015	0,312
CHR8	16655719	CHR8:16655719	SSF x LoA	-10,612252	0,000	0,310
CHR8	16655774	CHR8:16655774	SSF x LoA	-6,34099054	0,039	0,314
CHR8	16655780	CHR8:16655780	SSF x LoA	-11,5547437	0,069	0,307
CHR8	16658575	CHR8:16658575	SSF x LoA	-4,09467601	-0,220	0,291
CHR8	16664246	CHR8:16664246	SSF x LoA	-9,69926838	0,009	0,307
CHR8	16673129	CHR8:16673129	SSF x LoA	-9,22699222	0,006	0,294
CHR8	16673135	CHR8:16673135	SSF x LoA	-12,0408713	-0,058	0,309

CHR8	16673195	CHR8:16673195	SSF x LoA	-9,90722433	-0,041	0,307
CHR8	16673198	CHR8:16673198	SSF x LoA	-10,1696516	-0,095	0,299
CHR8	16673246	CHR8:16673246	SSF x LoA	-9,22217947	0,003	0,294
CHR8	16673256	CHR8:16673256	SSF x LoA	-7,31204523	-0,034	0,300
CHR8	16673316	CHR8:16673316	SSF x LoA	-9,04875132	0,020	0,298
CHR8	16687334	CHR8:16687334	SSF x LoA	-9,03343893	-0,142	0,320
CHR8	16687550	CHR8:16687550	SSF x LoA	-7,17876966	0,060	0,316
CHR8	16687551	CHR8:16687551	SSF x LoA	-7,98289935	0,058	0,307
CHR8	16687563	CHR8:16687563	SSF x LoA	-8,11460241	-0,030	0,322
CHR8	16693575	CHR8:16693575	SSF x LoA	-10,4178629	-0,022	0,306
CHR8	16693633	CHR8:16693633	SSF x LoA	-8,49656706	0,008	0,318
CHR8	16693671	CHR8:16693671	SSF x LoA	-8,74825109	0,016	0,308
CHR8	16693696	CHR8:16693696	SSF x LoA	-7,89452044	0,087	0,309
CHR8	16693735	CHR8:16693735	SSF x LoA	-6,73468872	0,103	0,305
CHR8	16693793	CHR8:16693793	SSF x LoA	-7,53906041	0,092	0,317
CHR8	16696342	CHR8:16696342	SSF x LoA	-9,94268674	0,070	0,316
CHR8	16696461	CHR8:16696461	SSF x LoA	-10,0211955	0,091	0,316
CHR8	16696484	CHR8:16696484	SSF x LoA	-6,83266565	0,080	0,306
CHR8	16704073	CHR8:16704073	SSF x LoA	-10,0252586	0,019	0,309
CHR8	16708868	CHR8:16708868	SSF x LoA	-8,32758087	-0,074	0,310
CHR8	16708875	CHR8:16708875	SSF x LoA	-8,81602852	0,073	0,312
CHR8	16709113	CHR8:16709113	SSF x LoA	-6,93320756	-0,132	0,306
CHR8	16709130	CHR8:16709130	SSF x LoA	-8,72469693	0,043	0,306
CHR8	16712674	CHR8:16712674	SSF x LoA	-10,8713316	0,050	0,293
CHR8	16716636	CHR8:16716636	SSF x LoA	-6,26454775	-0,046	0,329
CHR8	16719054	CHR8:16719054	SSF x LoA	-9,69116034	0,066	0,313
CHR8	16723695	CHR8:16723695	SSF x LoA	-11,0286163	0,019	0,315
CHR8	16723733	CHR8:16723733	SSF x LoA	-10,867779	0,040	0,300
CHR8	16723761	CHR8:16723761	SSF x LoA	-10,7473789	-0,057	0,294
CHR8	16723762	CHR8:16723762	SSF x LoA	-8,19364561	-0,029	0,318
CHR8	16723801	CHR8:16723801	SSF x LoA	-10,0399692	0,192	0,299
CHR8	16725639	CHR8:16725639	SSF x LoA	-10,3391486	0,048	0,308
CHR8	16725703	CHR8:16725703	SSF x LoA	-7,96448342	0,068	0,318
CHR8	16732324	CHR8:16732324	SSF x LoA	-5,64987117	-0,092	0,310
CHR8	16732356	CHR8:16732356	SSF x LoA	-6,42594937	-0,005	0,293
CHR8	16732388	CHR8:16732388	SSF x LoA	-3,22170857	-0,088	0,311
CHR8	16732403	CHR8:16732403	SSF x LoA	-9,52988714	-0,083	0,297
CHR8	16732420	CHR8:16732420	SSF x LoA	-8,07648197	-0,052	0,303
CHR8	16732447	CHR8:16732447	SSF x LoA	-9,89555969	0,066	0,292
CHR8	16732465	CHR8:16732465	SSF x LoA	-9,09426736	-0,042	0,293
CHR8	1673996	CHR8:1673996	SSF x LoA	-9,73348712	0,046	0,311
CHR8	16745893	CHR8:16745893	SSF x LoA	-9,46521793	0,066	0,308
CHR8	16745953	CHR8:16745953	SSF x LoA	-9,99936572	0,066	0,327
CHR8	16755492	CHR8:16755492	SSF x LoA	-7,50699974	0,119	0,307
CHR8	16758952	CHR8:16758952	SSF x LoA	-4,23757182	0,108	0,270
CHR8	16759031	CHR8:16759031	SSF x LoA	-8,73523092	-0,039	0,315
CHR8	16759046	CHR8:16759046	SSF x LoA	-4,28060476	-0,144	0,310
CHR8	16759124	CHR8:16759124	SSF x LoA	-11,1246319	-0,051	0,314
CHR8	1676149	CHR8:1676149	SSF x LoA	-11,3013983	-0,072	0,294
CHR8	16761538	CHR8:16761538	SSF x LoA	-9,83882506	-0,069	0,309
CHR8	16761550	CHR8:16761550	SSF x LoA	-7,15330854	-0,077	0,294
CHR8	1676176	CHR8:1676176	SSF x LoA	-11,1054019	-0,020	0,319
CHR8	16767163	CHR8:16767163	SSF x LoA	-7,82300745	0,131	0,301

CHR8	16767248	CHR8:16767248	SSF x LoA	-8,04012976	-0,032	0,310
CHR8	16767257	CHR8:16767257	SSF x LoA	-11,5307773	0,021	0,302
CHR8	16782626	CHR8:16782626	SSF x LoA	-11,8176271	-0,023	0,295
CHR8	16788971	CHR8:16788971	SSF x LoA	-6,37685374	0,036	0,307
CHR8	16789057	CHR8:16789057	SSF x LoA	-9,09310761	0,036	0,295
CHR8	16800850	CHR8:16800850	SSF x LoA	-9,44986665	0,025	0,300
CHR8	1680471	CHR8:1680471	SSF x LoA	-9,02280671	-0,002	0,306
CHR8	16824506	CHR8:16824506	SSF x LoA	-9,76859414	-0,035	0,308
CHR8	16830972	CHR8:16830972	SSF x LoA	-7,77249932	-0,206	0,299
CHR8	16831074	CHR8:16831074	SSF x LoA	-10,0530525	0,064	0,306
CHR8	16836478	CHR8:16836478	SSF x LoA	-6,97822945	0,086	0,308
CHR8	16836580	CHR8:16836580	SSF x LoA	-7,4805243	0,190	0,295
CHR8	16842340	CHR8:16842340	SSF x LoA	-8,48416498	0,126	0,296
CHR8	16844495	CHR8:16844495	SSF x LoA	-9,31754573	0,013	0,307
CHR8	16858193	CHR8:16858193	SSF x LoA	-10,0497975	-0,024	0,302
CHR8	16858421	CHR8:16858421	SSF x LoA	-10,2646874	0,121	0,303
CHR8	16861194	CHR8:16861194	SSF x LoA	-11,1885549	0,075	0,300
CHR8	16861244	CHR8:16861244	SSF x LoA	-8,7742267	0,128	0,301
CHR8	16861335	CHR8:16861335	SSF x LoA	-10,9783182	-0,055	0,304
CHR8	16874822	CHR8:16874822	SSF x LoA	-9,6417311	0,044	0,315
CHR8	16876721	CHR8:16876721	SSF x LoA	-9,05240199	-0,040	0,306
CHR8	16876833	CHR8:16876833	SSF x LoA	-11,6472073	0,073	0,306
CHR8	16876875	CHR8:16876875	SSF x LoA	-7,28707937	0,125	0,294
CHR8	16879794	CHR8:16879794	SSF x LoA	-8,57489825	-0,066	0,315
CHR8	16879797	CHR8:16879797	SSF x LoA	-8,1695696	-0,107	0,302
CHR8	16879826	CHR8:16879826	SSF x LoA	-8,35010243	-0,068	0,312
CHR8	16879828	CHR8:16879828	SSF x LoA	-6,30452901	-0,104	0,310
CHR8	16880406	CHR8:16880406	SSF x LoA	-11,4735876	-0,015	0,300
CHR8	1688207	CHR8:1688207	SSF x LoA	-8,81728917	-0,020	0,308
CHR8	1688228	CHR8:1688228	SSF x LoA	-8,55499657	-0,065	0,302
CHR8	1688243	CHR8:1688243	SSF x LoA	-7,35861567	0,084	0,309
CHR8	1688246	CHR8:1688246	SSF x LoA	-7,15555233	0,071	0,317
CHR8	1688247	CHR8:1688247	SSF x LoA	-8,36945426	0,081	0,324
CHR8	1688257	CHR8:1688257	SSF x LoA	-9,9856902	0,139	0,300
CHR8	1688277	CHR8:1688277	SSF x LoA	-9,17024018	-0,010	0,317
CHR8	1688340	CHR8:1688340	SSF x LoA	-10,1154806	-0,024	0,324
CHR8	16895543	CHR8:16895543	SSF x LoA	-10,0832078	-0,041	0,311
CHR8	16902098	CHR8:16902098	SSF x LoA	-8,24604186	-0,078	0,312
CHR8	16916882	CHR8:16916882	SSF x LoA	-9,69150186	0,066	0,313
CHR8	16916896	CHR8:16916896	SSF x LoA	-10,9248819	-0,079	0,304
CHR8	16916897	CHR8:16916897	SSF x LoA	-8,70038836	-0,096	0,318
CHR8	16917771	CHR8:16917771	SSF x LoA	-8,85824855	0,070	0,322
CHR8	16917775	CHR8:16917775	SSF x LoA	-7,20077876	0,030	0,302
CHR8	1692978	CHR8:1692978	SSF x LoA	-6,04177053	0,091	0,304
CHR8	1692981	CHR8:1692981	SSF x LoA	-8,58505439	-0,047	0,291
CHR8	1693142	CHR8:1693142	SSF x LoA	-10,3907864	0,053	0,310
CHR8	1693167	CHR8:1693167	SSF x LoA	-10,7840049	0,076	0,291
CHR8	16934685	CHR8:16934685	SSF x LoA	-10,2622193	0,017	0,314
CHR8	16934695	CHR8:16934695	SSF x LoA	-10,3385792	0,010	0,323
CHR8	16938326	CHR8:16938326	SSF x LoA	-7,95445187	0,000	0,301
CHR8	16938329	CHR8:16938329	SSF x LoA	-8,75304776	-0,090	0,301
CHR8	16940726	CHR8:16940726	SSF x LoA	-6,90010948	-0,022	0,311
CHR8	16950088	CHR8:16950088	SSF x LoA	-6,29492969	0,066	0,308

CHR8	16950157	CHR8:16950157	SSF x LoA	-7,14942043	0,187	0,310
CHR8	16950169	CHR8:16950169	SSF x LoA	-7,83037176	-0,160	0,303
CHR8	16950260	CHR8:16950260	SSF x LoA	-6,77803766	0,181	0,302
CHR8	1695322	CHR8:1695322	SSF x LoA	-8,53822011	-0,096	0,313
CHR8	1695497	CHR8:1695497	SSF x LoA	-3,9249502	-0,146	0,308
CHR8	1695522	CHR8:1695522	SSF x LoA	-10,7566813	-0,006	0,304
CHR8	1695572	CHR8:1695572	SSF x LoA	-10,2174798	-0,067	0,287
CHR8	16964275	CHR8:16964275	SSF x LoA	-6,4034833	-0,135	0,282
CHR8	16968983	CHR8:16968983	SSF x LoA	-7,17796837	0,075	0,320
CHR8	16977332	CHR8:16977332	SSF x LoA	-8,09490495	0,119	0,307
CHR8	1698137	CHR8:1698137	SSF x LoA	-9,6282022	-0,006	0,293
CHR8	16990213	CHR8:16990213	SSF x LoA	-9,64528506	-0,077	0,306
CHR8	16990284	CHR8:16990284	SSF x LoA	-9,7332017	-0,048	0,306
CHR8	16990307	CHR8:16990307	SSF x LoA	-8,26049091	0,092	0,308
CHR8	16990353	CHR8:16990353	SSF x LoA	-7,38830277	0,094	0,305
CHR8	16990354	CHR8:16990354	SSF x LoA	-8,69117562	0,094	0,311
CHR8	16990365	CHR8:16990365	SSF x LoA	-8,08645057	0,106	0,311
CHR8	16990366	CHR8:16990366	SSF x LoA	-9,70316002	-0,081	0,305
CHR8	16990402	CHR8:16990402	SSF x LoA	-7,04785172	0,134	0,311
CHR8	16990429	CHR8:16990429	SSF x LoA	-6,79771624	0,132	0,318
CHR8	16990431	CHR8:16990431	SSF x LoA	-11,7884839	-0,069	0,298
CHR8	16990477	CHR8:16990477	SSF x LoA	-8,07173901	0,144	0,307
CHR8	1699720	CHR8:1699720	SSF x LoA	-10,761753	-0,012	0,302
CHR8	17005916	CHR8:17005916	SSF x LoA	-9,81263369	-0,036	0,304
CHR8	17006088	CHR8:17006088	SSF x LoA	-10,0204	-0,030	0,312
CHR8	17006207	CHR8:17006207	SSF x LoA	-11,668519	0,023	0,302
CHR8	17013618	CHR8:17013618	SSF x LoA	-11,5071328	0,028	0,313
CHR8	17013625	CHR8:17013625	SSF x LoA	-7,213592	-0,044	0,299
CHR8	17016561	CHR8:17016561	SSF x LoA	-8,8253216	-0,009	0,309
CHR8	17016571	CHR8:17016571	SSF x LoA	-9,92021894	-0,009	0,310
CHR8	17016585	CHR8:17016585	SSF x LoA	-6,12786748	0,093	0,304
CHR8	17026926	CHR8:17026926	SSF x LoA	-8,93738065	-0,142	0,305
CHR8	17027159	CHR8:17027159	SSF x LoA	-10,46243	0,052	0,304
CHR8	17033310	CHR8:17033310	SSF x LoA	-9,90581924	0,012	0,310
CHR8	17033333	CHR8:17033333	SSF x LoA	-7,63365246	-0,147	0,296
CHR8	17033369	CHR8:17033369	SSF x LoA	-8,84600309	0,059	0,314
CHR8	17033577	CHR8:17033577	SSF x LoA	-10,1782206	0,072	0,303
CHR8	17033583	CHR8:17033583	SSF x LoA	-9,495893	0,085	0,297
CHR8	17051273	CHR8:17051273	SSF x LoA	-7,12958957	0,130	0,317
CHR8	17051328	CHR8:17051328	SSF x LoA	-8,66004918	0,009	0,329
CHR8	17060069	CHR8:17060069	SSF x LoA	-7,77528436	-0,005	0,305
CHR8	17066387	CHR8:17066387	SSF x LoA	-11,7930906	0,057	0,299
CHR8	17066447	CHR8:17066447	SSF x LoA	-11,500459	-0,006	0,314
CHR8	17066720	CHR8:17066720	SSF x LoA	-8,17749386	-0,104	0,289
CHR8	1707974	CHR8:1707974	SSF x LoA	-11,4312908	-0,068	0,311
CHR8	1708012	CHR8:1708012	SSF x LoA	-6,79750083	0,126	0,314
CHR8	1708129	CHR8:1708129	SSF x LoA	-6,52835938	0,045	0,315
CHR8	17127276	CHR8:17127276	SSF x LoA	-6,62721786	-0,221	0,286
CHR8	17127361	CHR8:17127361	SSF x LoA	-4,64138027	-0,156	0,292
CHR8	17127383	CHR8:17127383	SSF x LoA	-4,94684447	0,196	0,293
CHR8	17131847	CHR8:17131847	SSF x LoA	-8,63825099	0,049	0,307
CHR8	17131883	CHR8:17131883	SSF x LoA	-8,35356651	-0,063	0,319
CHR8	17131898	CHR8:17131898	SSF x LoA	-5,114665	-0,067	0,314

CHR8	17131919	CHR8:17131919	SSF x LoA	-9,85875819	-0,029	0,313
CHR8	17141359	CHR8:17141359	SSF x LoA	-9,16629531	0,050	0,304
CHR8	17141406	CHR8:17141406	SSF x LoA	-8,79104173	0,004	0,306
CHR8	17143144	CHR8:17143144	SSF x LoA	-9,85948746	0,014	0,299
CHR8	17143195	CHR8:17143195	SSF x LoA	-10,6989661	0,039	0,312
CHR8	17153079	CHR8:17153079	SSF x LoA	-10,4828484	0,027	0,316
CHR8	17153251	CHR8:17153251	SSF x LoA	-8,19622207	0,036	0,300
CHR8	17153255	CHR8:17153255	SSF x LoA	-9,11852415	-0,048	0,308
CHR8	17171359	CHR8:17171359	SSF x LoA	-6,23184709	-0,207	0,292
CHR8	17171766	CHR8:17171766	SSF x LoA	-6,76006155	0,129	0,317
CHR8	17172995	CHR8:17172995	SSF x LoA	-9,29684946	-0,096	0,304
CHR8	17183768	CHR8:17183768	SSF x LoA	-8,98362611	0,010	0,295
CHR8	17183829	CHR8:17183829	SSF x LoA	-10,5166115	-0,038	0,306
CHR8	17183925	CHR8:17183925	SSF x LoA	-8,85674311	-0,006	0,300
CHR8	17183931	CHR8:17183931	SSF x LoA	-7,2893245	0,083	0,297
CHR8	17186123	CHR8:17186123	SSF x LoA	-11,1825582	-0,020	0,309
CHR8	17186139	CHR8:17186139	SSF x LoA	-10,1640186	0,065	0,304
CHR8	17187145	CHR8:17187145	SSF x LoA	-6,26254144	0,093	0,316
CHR8	1719996	CHR8:1719996	SSF x LoA	-7,04396514	-0,010	0,315
CHR8	17201320	CHR8:17201320	SSF x LoA	-0,94241418	-0,006	0,321
CHR8	17208992	CHR8:17208992	SSF x LoA	-9,37441474	-0,036	0,303
CHR8	17238066	CHR8:17238066	SSF x LoA	-10,6952273	-0,088	0,309
CHR8	17253923	CHR8:17253923	SSF x LoA	-10,1742204	-0,116	0,307
CHR8	17253933	CHR8:17253933	SSF x LoA	-9,11219086	-0,118	0,307
CHR8	17253934	CHR8:17253934	SSF x LoA	-8,63390288	-0,128	0,309
CHR8	17253935	CHR8:17253935	SSF x LoA	-10,0647458	-0,120	0,292
CHR8	17253959	CHR8:17253959	SSF x LoA	-11,1201975	-0,095	0,311
CHR8	17256513	CHR8:17256513	SSF x LoA	-8,89735629	0,066	0,317
CHR8	17267126	CHR8:17267126	SSF x LoA	-8,52426351	0,069	0,295
CHR8	17271904	CHR8:17271904	SSF x LoA	-9,21538445	0,122	0,297
CHR8	17271945	CHR8:17271945	SSF x LoA	-10,3646943	-0,034	0,323
CHR8	17273259	CHR8:17273259	SSF x LoA	-6,71517495	0,124	0,296
CHR8	17273285	CHR8:17273285	SSF x LoA	-7,61972635	0,010	0,299
CHR8	17274018	CHR8:17274018	SSF x LoA	-10,7633777	0,016	0,307
CHR8	17274024	CHR8:17274024	SSF x LoA	-7,50547695	-0,090	0,308
CHR8	17281387	CHR8:17281387	SSF x LoA	-9,48112356	-0,069	0,310
CHR8	17281392	CHR8:17281392	SSF x LoA	-10,2567307	-0,065	0,297
CHR8	17281411	CHR8:17281411	SSF x LoA	-8,22525309	-0,084	0,316
CHR8	17281714	CHR8:17281714	SSF x LoA	-11,7164425	-0,019	0,310
CHR8	17285583	CHR8:17285583	SSF x LoA	-10,678803	-0,059	0,318
CHR8	17291773	CHR8:17291773	SSF x LoA	-9,97696138	-0,063	0,304
CHR8	1729222	CHR8:1729222	SSF x LoA	-8,74643989	-0,011	0,296
CHR8	1729273	CHR8:1729273	SSF x LoA	-6,06279611	-0,118	0,307
CHR8	1729291	CHR8:1729291	SSF x LoA	-11,3940723	-0,026	0,311
CHR8	1729299	CHR8:1729299	SSF x LoA	-8,56271619	-0,066	0,306
CHR8	17297170	CHR8:17297170	SSF x LoA	-6,9371594	0,119	0,311
CHR8	17297190	CHR8:17297190	SSF x LoA	-6,25176456	0,165	0,305
CHR8	17297267	CHR8:17297267	SSF x LoA	-9,22395186	-0,122	0,308
CHR8	17297281	CHR8:17297281	SSF x LoA	-7,06733265	0,122	0,302
CHR8	17297309	CHR8:17297309	SSF x LoA	-8,96853233	-0,047	0,306
CHR8	17297325	CHR8:17297325	SSF x LoA	-8,33769907	0,137	0,304
CHR8	17297373	CHR8:17297373	SSF x LoA	-8,53044097	0,008	0,298
CHR8	17310773	CHR8:17310773	SSF x LoA	-8,73988716	0,038	0,315

CHR8	17310839	CHR8:17310839	SSF x LoA	-10,183412	0,146	0,297
CHR8	17310850	CHR8:17310850	SSF x LoA	-7,95204295	0,139	0,306
CHR8	17310907	CHR8:17310907	SSF x LoA	-11,472422	-0,033	0,311
CHR8	17311425	CHR8:17311425	SSF x LoA	-10,0371459	-0,014	0,302
CHR8	17313792	CHR8:17313792	SSF x LoA	-6,73841492	-0,137	0,286
CHR8	17321493	CHR8:17321493	SSF x LoA	-10,6263203	-0,031	0,310
CHR8	17321505	CHR8:17321505	SSF x LoA	-6,74254282	0,028	0,309
CHR8	17326197	CHR8:17326197	SSF x LoA	-4,48231392	0,054	0,312
CHR8	17326232	CHR8:17326232	SSF x LoA	-10,8816621	-0,153	0,305
CHR8	17326243	CHR8:17326243	SSF x LoA	-8,46559235	-0,101	0,307
CHR8	17326268	CHR8:17326268	SSF x LoA	-9,33056258	0,000	0,308
CHR8	17333540	CHR8:17333540	SSF x LoA	-6,68238779	-0,142	0,297
CHR8	17333550	CHR8:17333550	SSF x LoA	-8,4596607	-0,002	0,311
CHR8	17333562	CHR8:17333562	SSF x LoA	-9,55885723	-0,059	0,307
CHR8	17333565	CHR8:17333565	SSF x LoA	-10,4154896	-0,049	0,298
CHR8	17338525	CHR8:17338525	SSF x LoA	-8,5983832	-0,075	0,314
CHR8	17338533	CHR8:17338533	SSF x LoA	-9,71851255	-0,076	0,316
CHR8	17338542	CHR8:17338542	SSF x LoA	-10,6297674	0,072	0,306
CHR8	17338562	CHR8:17338562	SSF x LoA	-8,40004237	0,088	0,309
CHR8	17338618	CHR8:17338618	SSF x LoA	-8,93861575	-0,052	0,306
CHR8	17338624	CHR8:17338624	SSF x LoA	-9,96122348	0,027	0,308
CHR8	17338625	CHR8:17338625	SSF x LoA	-10,4294427	-0,052	0,309
CHR8	17339250	CHR8:17339250	SSF x LoA	-9,30632045	0,078	0,301
CHR8	17348285	CHR8:17348285	SSF x LoA	-10,716603	0,058	0,314
CHR8	17348312	CHR8:17348312	SSF x LoA	-11,0006057	0,041	0,301
CHR8	17350999	CHR8:17350999	SSF x LoA	-3,14342652	-0,147	0,287
CHR8	17351091	CHR8:17351091	SSF x LoA	-10,3528497	-0,071	0,305
CHR8	17351186	CHR8:17351186	SSF x LoA	-7,9098224	0,125	0,313
CHR8	17351228	CHR8:17351228	SSF x LoA	-5,56307185	0,096	0,306
CHR8	17361526	CHR8:17361526	SSF x LoA	-8,81348328	0,029	0,301
CHR8	17361628	CHR8:17361628	SSF x LoA	-7,66872738	0,136	0,301
CHR8	17364886	CHR8:17364886	SSF x LoA	-8,86597972	-0,054	0,319
CHR8	1738242	CHR8:1738242	SSF x LoA	-8,89701528	0,141	0,296
CHR8	1738311	CHR8:1738311	SSF x LoA	-5,18187277	0,106	0,305
CHR8	1738329	CHR8:1738329	SSF x LoA	-9,65657677	0,035	0,303
CHR8	1738391	CHR8:1738391	SSF x LoA	-9,24079002	0,115	0,312
CHR8	17389890	CHR8:17389890	SSF x LoA	-7,2110138	-0,153	0,289
CHR8	17389895	CHR8:17389895	SSF x LoA	-0,82404949	-0,193	0,301
CHR8	17390015	CHR8:17390015	SSF x LoA	-7,0675079	-0,197	0,287
CHR8	17396761	CHR8:17396761	SSF x LoA	-6,79095971	-0,039	0,314
CHR8	17396804	CHR8:17396804	SSF x LoA	-8,04962502	0,016	0,317
CHR8	17424148	CHR8:17424148	SSF x LoA	-8,93862499	0,065	0,302
CHR8	17424205	CHR8:17424205	SSF x LoA	-6,78614625	-0,155	0,298
CHR8	17424304	CHR8:17424304	SSF x LoA	-10,1589485	0,061	0,304
CHR8	17424305	CHR8:17424305	SSF x LoA	-10,3808973	0,067	0,305
CHR8	17434352	CHR8:17434352	SSF x LoA	-10,2781588	-0,081	0,306
CHR8	17434385	CHR8:17434385	SSF x LoA	-10,0227876	-0,057	0,307
CHR8	17444403	CHR8:17444403	SSF x LoA	-9,53003709	0,067	0,302
CHR8	17449370	CHR8:17449370	SSF x LoA	-4,19467804	0,018	0,309
CHR8	17449480	CHR8:17449480	SSF x LoA	-10,2824398	0,087	0,309
CHR8	17449525	CHR8:17449525	SSF x LoA	-8,55512395	0,070	0,291
CHR8	17451816	CHR8:17451816	SSF x LoA	-7,38935383	-0,162	0,306
CHR8	17452652	CHR8:17452652	SSF x LoA	2,04553758	0,087	0,301

CHR8	17455633	CHR8:17455633	SSF x LoA	-7,89940784	-0,083	0,307
CHR8	17455682	CHR8:17455682	SSF x LoA	-10,6282945	-0,013	0,302
CHR8	17455685	CHR8:17455685	SSF x LoA	-8,17013254	-0,004	0,315
CHR8	17458765	CHR8:17458765	SSF x LoA	-6,58647369	-0,010	0,308
CHR8	17466983	CHR8:17466983	SSF x LoA	-8,33862221	-0,087	0,309
CHR8	17467000	CHR8:17467000	SSF x LoA	-7,87252697	-0,100	0,304
CHR8	17467045	CHR8:17467045	SSF x LoA	-10,1016279	0,036	0,293
CHR8	17470357	CHR8:17470357	SSF x LoA	-10,5238604	0,150	0,285
CHR8	17470395	CHR8:17470395	SSF x LoA	-9,48083082	-0,044	0,284
CHR8	1747086	CHR8:1747086	SSF x LoA	-7,76651334	0,041	0,300
CHR8	1747183	CHR8:1747183	SSF x LoA	-5,77993851	0,128	0,300
CHR8	17475837	CHR8:17475837	SSF x LoA	-8,80391608	0,022	0,305
CHR8	17475848	CHR8:17475848	SSF x LoA	-5,87668186	0,005	0,302
CHR8	17475852	CHR8:17475852	SSF x LoA	-9,54898855	-0,042	0,309
CHR8	17475913	CHR8:17475913	SSF x LoA	-11,0140787	0,038	0,306
CHR8	17475954	CHR8:17475954	SSF x LoA	-9,11245944	0,002	0,297
CHR8	17478391	CHR8:17478391	SSF x LoA	-11,4711197	-0,069	0,312
CHR8	17478392	CHR8:17478392	SSF x LoA	-6,59700018	0,139	0,298
CHR8	17478398	CHR8:17478398	SSF x LoA	-9,04206444	0,113	0,323
CHR8	17478459	CHR8:17478459	SSF x LoA	-10,6109268	-0,059	0,310
CHR8	17478466	CHR8:17478466	SSF x LoA	-10,5430711	-0,068	0,300
CHR8	17478532	CHR8:17478532	SSF x LoA	-7,23780198	0,068	0,301
CHR8	17488312	CHR8:17488312	SSF x LoA	-10,2856285	-0,141	0,306
CHR8	17488472	CHR8:17488472	SSF x LoA	-6,90457883	-0,058	0,311
CHR8	17488547	CHR8:17488547	SSF x LoA	-9,8995623	0,004	0,312
CHR8	17494190	CHR8:17494190	SSF x LoA	-7,83806355	-0,163	0,292
CHR8	17494230	CHR8:17494230	SSF x LoA	-8,66246068	-0,103	0,294
CHR8	17497635	CHR8:17497635	SSF x LoA	-10,0701433	-0,054	0,321
CHR8	17497654	CHR8:17497654	SSF x LoA	-9,46331557	-0,050	0,288
CHR8	17497754	CHR8:17497754	SSF x LoA	-8,79428819	-0,069	0,295
CHR8	17499695	CHR8:17499695	SSF x LoA	-10,9237416	-0,025	0,298
CHR8	17499709	CHR8:17499709	SSF x LoA	-9,42102069	-0,056	0,311
CHR8	17502000	CHR8:17502000	SSF x LoA	-10,1583649	0,005	0,292
CHR8	17505001	CHR8:17505001	SSF x LoA	-7,60238862	-0,059	0,317
CHR8	17505016	CHR8:17505016	SSF x LoA	-10,3042976	0,034	0,314
CHR8	17505030	CHR8:17505030	SSF x LoA	-6,91826513	-0,090	0,314
CHR8	17505175	CHR8:17505175	SSF x LoA	-9,59401024	0,024	0,283
CHR8	17505228	CHR8:17505228	SSF x LoA	-4,28808185	-0,055	0,307
CHR8	1753502	CHR8:1753502	SSF x LoA	-1,75145234	0,042	0,312
CHR8	1753548	CHR8:1753548	SSF x LoA	-8,01979933	0,045	0,316
CHR8	1753562	CHR8:1753562	SSF x LoA	-10,0687567	-0,076	0,289
CHR8	1753593	CHR8:1753593	SSF x LoA	-9,12687159	-0,014	0,306
CHR8	1753632	CHR8:1753632	SSF x LoA	-8,53691175	0,040	0,314
CHR8	1753642	CHR8:1753642	SSF x LoA	-8,12671614	0,155	0,288
CHR8	1753669	CHR8:1753669	SSF x LoA	-4,20219876	0,148	0,302
CHR8	1753709	CHR8:1753709	SSF x LoA	-10,4891767	-0,015	0,310
CHR8	17562998	CHR8:17562998	SSF x LoA	-8,16634673	-0,045	0,316
CHR8	17563008	CHR8:17563008	SSF x LoA	-8,26869099	-0,007	0,307
CHR8	17564469	CHR8:17564469	SSF x LoA	-8,97480846	-0,077	0,292
CHR8	17564483	CHR8:17564483	SSF x LoA	-8,69796126	-0,157	0,298
CHR8	17572001	CHR8:17572001	SSF x LoA	-4,54476462	-0,222	0,294
CHR8	17572028	CHR8:17572028	SSF x LoA	-10,4792636	-0,052	0,309
CHR8	17584634	CHR8:17584634	SSF x LoA	-9,73604534	0,041	0,302

CHR8	17584920	CHR8:17584920	SSF x LoA	-8,52728881	0,025	0,309
CHR8	17601948	CHR8:17601948	SSF x LoA	-11,4332778	0,035	0,300
CHR8	17607862	CHR8:17607862	SSF x LoA	-11,2694635	-0,051	0,313
CHR8	17607956	CHR8:17607956	SSF x LoA	-11,1224033	-0,131	0,306
CHR8	17607971	CHR8:17607971	SSF x LoA	-9,42993568	-0,009	0,315
CHR8	17611873	CHR8:17611873	SSF x LoA	-8,6241262	-0,085	0,311
CHR8	1761736	CHR8:1761736	SSF x LoA	-10,1553873	-0,105	0,298
CHR8	17625781	CHR8:17625781	SSF x LoA	-7,1605235	0,075	0,305
CHR8	17625812	CHR8:17625812	SSF x LoA	-8,39948302	-0,080	0,314
CHR8	17625854	CHR8:17625854	SSF x LoA	-11,4001228	0,039	0,308
CHR8	17625867	CHR8:17625867	SSF x LoA	-7,10249626	-0,116	0,298
CHR8	17625874	CHR8:17625874	SSF x LoA	-8,09224183	-0,044	0,312
CHR8	17625929	CHR8:17625929	SSF x LoA	-9,33274254	0,092	0,310
CHR8	17629721	CHR8:17629721	SSF x LoA	-6,7270742	0,035	0,316
CHR8	17629861	CHR8:17629861	SSF x LoA	-8,91942337	0,052	0,304
CHR8	17652155	CHR8:17652155	SSF x LoA	-6,84756507	-0,009	0,310
CHR8	17655549	CHR8:17655549	SSF x LoA	-11,5401344	-0,078	0,315
CHR8	17658062	CHR8:17658062	SSF x LoA	-6,9770704	-0,079	0,328
CHR8	17658083	CHR8:17658083	SSF x LoA	-8,91527017	-0,004	0,314
CHR8	17658246	CHR8:17658246	SSF x LoA	-9,51003702	-0,065	0,291
CHR8	17668751	CHR8:17668751	SSF x LoA	-10,8689023	-0,027	0,306
CHR8	17669631	CHR8:17669631	SSF x LoA	-9,8680506	-0,033	0,311
CHR8	17669723	CHR8:17669723	SSF x LoA	-8,67047675	0,012	0,306
CHR8	1768589	CHR8:1768589	SSF x LoA	-10,3108097	-0,013	0,300
CHR8	1768610	CHR8:1768610	SSF x LoA	-9,50006197	-0,018	0,302
CHR8	1768626	CHR8:1768626	SSF x LoA	-9,28256681	0,005	0,305
CHR8	1768646	CHR8:1768646	SSF x LoA	-7,96434373	-0,087	0,316
CHR8	1768648	CHR8:1768648	SSF x LoA	-9,6077848	0,034	0,313
CHR8	1769060	CHR8:1769060	SSF x LoA	-12,0714792	-0,012	0,292
CHR8	1769119	CHR8:1769119	SSF x LoA	-11,3552125	0,019	0,316
CHR8	17691929	CHR8:17691929	SSF x LoA	-10,4247036	0,038	0,301
CHR8	17692053	CHR8:17692053	SSF x LoA	-10,0617688	0,003	0,300
CHR8	17693117	CHR8:17693117	SSF x LoA	-9,08669674	-0,062	0,295
CHR8	17695023	CHR8:17695023	SSF x LoA	4,31467701	0,146	0,302
CHR8	17695240	CHR8:17695240	SSF x LoA	-8,99539324	0,010	0,312
CHR8	17695276	CHR8:17695276	SSF x LoA	-8,88733465	-0,029	0,304
CHR8	17697870	CHR8:17697870	SSF x LoA	-12,1453299	-0,008	0,304
CHR8	17698740	CHR8:17698740	SSF x LoA	-7,82626672	0,019	0,332
CHR8	17706894	CHR8:17706894	SSF x LoA	-7,33411556	0,144	0,310
CHR8	17713398	CHR8:17713398	SSF x LoA	-8,33864327	-0,104	0,307
CHR8	17735420	CHR8:17735420	SSF x LoA	-8,69430288	-0,014	0,308
CHR8	17735427	CHR8:17735427	SSF x LoA	-10,2361536	-0,093	0,312
CHR8	17735506	CHR8:17735506	SSF x LoA	-10,6897457	-0,085	0,297
CHR8	17745549	CHR8:17745549	SSF x LoA	-9,03641695	-0,066	0,311
CHR8	17745567	CHR8:17745567	SSF x LoA	-9,8029595	0,015	0,290
CHR8	17745607	CHR8:17745607	SSF x LoA	-10,2784855	-0,040	0,294
CHR8	17745641	CHR8:17745641	SSF x LoA	-10,3765008	-0,068	0,305
CHR8	17760730	CHR8:17760730	SSF x LoA	-11,2177957	-0,030	0,303
CHR8	17762394	CHR8:17762394	SSF x LoA	-8,89849017	0,023	0,308
CHR8	17765964	CHR8:17765964	SSF x LoA	-8,69367754	0,012	0,329
CHR8	177731	CHR8:177731	SSF x LoA	-7,3551419	-0,074	0,317
CHR8	1777417	CHR8:1777417	SSF x LoA	-5,89840808	-0,078	0,317
CHR8	1777450	CHR8:1777450	SSF x LoA	-9,84938408	0,007	0,317

CHR8	17786514	CHR8:17786514	SSF x LoA	-8,32761533	0,085	0,298
CHR8	17786571	CHR8:17786571	SSF x LoA	-11,7264032	0,099	0,307
CHR8	17795009	CHR8:17795009	SSF x LoA	-10,769738	0,013	0,301
CHR8	17798899	CHR8:17798899	SSF x LoA	-11,0330349	0,067	0,309
CHR8	17823250	CHR8:17823250	SSF x LoA	-7,7351082	0,017	0,314
CHR8	17829872	CHR8:17829872	SSF x LoA	-7,96127539	-0,165	0,303
CHR8	17829902	CHR8:17829902	SSF x LoA	-7,69009883	-0,022	0,304
CHR8	17829921	CHR8:17829921	SSF x LoA	-10,3253986	0,048	0,303
CHR8	17829942	CHR8:17829942	SSF x LoA	-7,23404136	-0,028	0,311
CHR8	17829978	CHR8:17829978	SSF x LoA	-11,2099096	-0,004	0,310
CHR8	17830026	CHR8:17830026	SSF x LoA	-9,53376423	0,050	0,311
CHR8	17830085	CHR8:17830085	SSF x LoA	-10,5359843	-0,097	0,304
CHR8	17831902	CHR8:17831902	SSF x LoA	-8,65051818	0,034	0,299
CHR8	17831920	CHR8:17831920	SSF x LoA	-3,88501924	-0,026	0,316
CHR8	1783735	CHR8:1783735	SSF x LoA	-10,5471158	-0,074	0,297
CHR8	17837534	CHR8:17837534	SSF x LoA	-10,6290572	0,038	0,307
CHR8	1783768	CHR8:1783768	SSF x LoA	-7,37431499	0,081	0,326
CHR8	1783789	CHR8:1783789	SSF x LoA	-8,12858718	0,040	0,300
CHR8	1783798	CHR8:1783798	SSF x LoA	-10,0743533	-0,008	0,308
CHR8	17838554	CHR8:17838554	SSF x LoA	-5,85976387	-0,088	0,299
CHR8	17847040	CHR8:17847040	SSF x LoA	-10,6222824	0,021	0,313
CHR8	17851163	CHR8:17851163	SSF x LoA	-10,1065641	-0,043	0,306
CHR8	17852644	CHR8:17852644	SSF x LoA	-11,9716744	-0,033	0,294
CHR8	17884731	CHR8:17884731	SSF x LoA	-10,2843048	0,011	0,316
CHR8	17884792	CHR8:17884792	SSF x LoA	-4,66258939	-0,270	0,290
CHR8	17884886	CHR8:17884886	SSF x LoA	-10,1718395	-0,045	0,318
CHR8	17903392	CHR8:17903392	SSF x LoA	-11,5631349	0,037	0,307
CHR8	17912990	CHR8:17912990	SSF x LoA	-9,79957399	-0,065	0,311
CHR8	17913036	CHR8:17913036	SSF x LoA	-8,53698291	-0,064	0,307
CHR8	17913141	CHR8:17913141	SSF x LoA	-7,64701682	0,044	0,308
CHR8	17922391	CHR8:17922391	SSF x LoA	-9,47622662	0,109	0,305
CHR8	17922440	CHR8:17922440	SSF x LoA	-10,3552101	0,085	0,309
CHR8	17922611	CHR8:17922611	SSF x LoA	-10,0122728	0,096	0,304
CHR8	17926102	CHR8:17926102	SSF x LoA	-8,20561124	0,077	0,290
CHR8	17926104	CHR8:17926104	SSF x LoA	-10,886567	0,093	0,288
CHR8	17939634	CHR8:17939634	SSF x LoA	-6,46566299	0,182	0,302
CHR8	17939635	CHR8:17939635	SSF x LoA	-8,63715478	0,031	0,294
CHR8	17939705	CHR8:17939705	SSF x LoA	-8,07370157	-0,061	0,311
CHR8	17939741	CHR8:17939741	SSF x LoA	-11,6703867	-0,082	0,309
CHR8	17939749	CHR8:17939749	SSF x LoA	-9,70069525	0,031	0,311
CHR8	17942075	CHR8:17942075	SSF x LoA	-12,1049783	-0,016	0,307
CHR8	17943949	CHR8:17943949	SSF x LoA	-5,84780014	0,003	0,323
CHR8	17943957	CHR8:17943957	SSF x LoA	-8,75071445	-0,049	0,314
CHR8	17956724	CHR8:17956724	SSF x LoA	-9,07906351	-0,080	0,293
CHR8	17956727	CHR8:17956727	SSF x LoA	-5,01249493	-0,068	0,295
CHR8	17956768	CHR8:17956768	SSF x LoA	-5,75919005	-0,091	0,313
CHR8	17956776	CHR8:17956776	SSF x LoA	-7,69762456	0,069	0,302
CHR8	17956809	CHR8:17956809	SSF x LoA	-10,4882028	0,052	0,300
CHR8	17962147	CHR8:17962147	SSF x LoA	-9,0453828	-0,032	0,324
CHR8	17962255	CHR8:17962255	SSF x LoA	-9,74412396	-0,052	0,318
CHR8	17975338	CHR8:17975338	SSF x LoA	-9,44459079	0,009	0,323
CHR8	17975560	CHR8:17975560	SSF x LoA	-9,34955016	-0,069	0,323
CHR8	17983929	CHR8:17983929	SSF x LoA	-10,5524857	0,135	0,321

CHR8	17983944	CHR8:17983944	SSF x LoA	-10,2348562	-0,003	0,315
CHR8	17983953	CHR8:17983953	SSF x LoA	-9,48834683	0,044	0,294
CHR8	17983962	CHR8:17983962	SSF x LoA	-11,1291959	0,029	0,301
CHR8	17986934	CHR8:17986934	SSF x LoA	-8,20483847	-0,095	0,305
CHR8	17986975	CHR8:17986975	SSF x LoA	-11,6634545	-0,041	0,295
CHR8	17987129	CHR8:17987129	SSF x LoA	-10,4706986	-0,073	0,298
CHR8	1799491	CHR8:1799491	SSF x LoA	-10,1850105	0,007	0,321
CHR8	18003591	CHR8:18003591	SSF x LoA	-9,78523748	0,104	0,305
CHR8	18004976	CHR8:18004976	SSF x LoA	-7,04753126	0,181	0,298
CHR8	18004991	CHR8:18004991	SSF x LoA	-8,70197881	-0,005	0,311
CHR8	18007939	CHR8:18007939	SSF x LoA	-7,63141648	0,149	0,299
CHR8	18007985	CHR8:18007985	SSF x LoA	-6,24913699	0,103	0,302
CHR8	18007991	CHR8:18007991	SSF x LoA	-9,74482191	0,039	0,301
CHR8	18008012	CHR8:18008012	SSF x LoA	-10,0543262	0,029	0,316
CHR8	18008076	CHR8:18008076	SSF x LoA	-9,32503072	-0,053	0,305
CHR8	18012022	CHR8:18012022	SSF x LoA	-8,52771723	0,010	0,304
CHR8	18023663	CHR8:18023663	SSF x LoA	-9,77833193	0,089	0,310
CHR8	18023666	CHR8:18023666	SSF x LoA	-10,2061776	0,093	0,305
CHR8	18023819	CHR8:18023819	SSF x LoA	-10,6813755	0,032	0,300
CHR8	18027473	CHR8:18027473	SSF x LoA	-5,59687362	0,214	0,283
CHR8	18027539	CHR8:18027539	SSF x LoA	-7,98402535	-0,132	0,302
CHR8	18027648	CHR8:18027648	SSF x LoA	-8,30934464	0,118	0,310
CHR8	18031423	CHR8:18031423	SSF x LoA	-10,3298076	-0,091	0,297
CHR8	18031614	CHR8:18031614	SSF x LoA	-9,28369772	0,012	0,308
CHR8	18037632	CHR8:18037632	SSF x LoA	-7,72053572	-0,011	0,307
CHR8	18037657	CHR8:18037657	SSF x LoA	-9,98254473	0,002	0,313
CHR8	18038874	CHR8:18038874	SSF x LoA	-10,15911	0,042	0,305
CHR8	18038880	CHR8:18038880	SSF x LoA	-9,61168506	-0,012	0,304
CHR8	18038907	CHR8:18038907	SSF x LoA	-9,94677037	0,037	0,318
CHR8	1804768	CHR8:1804768	SSF x LoA	-12,8059479	0,021	0,296
CHR8	18049690	CHR8:18049690	SSF x LoA	-7,85007452	-0,141	0,292
CHR8	18049740	CHR8:18049740	SSF x LoA	-8,46142773	0,008	0,304
CHR8	1804982	CHR8:1804982	SSF x LoA	-10,4579303	0,095	0,301
CHR8	1805058	CHR8:1805058	SSF x LoA	-9,40311457	0,023	0,308
CHR8	1805072	CHR8:1805072	SSF x LoA	-9,94369474	-0,126	0,309
CHR8	1805073	CHR8:1805073	SSF x LoA	-9,52555009	0,015	0,301
CHR8	1805170	CHR8:1805170	SSF x LoA	-7,49266203	-0,005	0,313
CHR8	1805176	CHR8:1805176	SSF x LoA	-7,76124848	-0,006	0,301
CHR8	18053421	CHR8:18053421	SSF x LoA	-8,34184678	-0,101	0,311
CHR8	18056364	CHR8:18056364	SSF x LoA	-8,19842731	0,081	0,301
CHR8	18056373	CHR8:18056373	SSF x LoA	-8,02841277	0,051	0,306
CHR8	18056420	CHR8:18056420	SSF x LoA	-7,76188789	0,082	0,321
CHR8	18056472	CHR8:18056472	SSF x LoA	-10,7440068	0,092	0,308
CHR8	18058140	CHR8:18058140	SSF x LoA	-7,25975961	0,023	0,294
CHR8	18058145	CHR8:18058145	SSF x LoA	-9,23145244	-0,087	0,306
CHR8	18058205	CHR8:18058205	SSF x LoA	-8,51029484	0,044	0,310
CHR8	18058453	CHR8:18058453	SSF x LoA	-9,21923774	-0,063	0,306
CHR8	18063681	CHR8:18063681	SSF x LoA	-10,4779467	-0,011	0,298
CHR8	18068035	CHR8:18068035	SSF x LoA	-9,7189675	0,051	0,302
CHR8	18072314	CHR8:18072314	SSF x LoA	-9,59305442	-0,015	0,310
CHR8	18076599	CHR8:18076599	SSF x LoA	-0,38659442	0,016	0,320
CHR8	18084727	CHR8:18084727	SSF x LoA	-10,7953085	-0,019	0,304
CHR8	18084805	CHR8:18084805	SSF x LoA	-7,15679589	0,081	0,317

CHR8	18092152	CHR8:18092152	SSF x LoA	-10,4757292	0,024	0,321
CHR8	18092187	CHR8:18092187	SSF x LoA	-11,2959111	-0,020	0,299
CHR8	18092237	CHR8:18092237	SSF x LoA	-8,67378363	0,086	0,310
CHR8	18099330	CHR8:18099330	SSF x LoA	-10,9566291	0,064	0,303
CHR8	18099389	CHR8:18099389	SSF x LoA	-8,59381087	-0,084	0,297
CHR8	18099426	CHR8:18099426	SSF x LoA	-7,68646347	-0,068	0,297
CHR8	18100307	CHR8:18100307	SSF x LoA	-12,4963637	-0,013	0,303
CHR8	18100320	CHR8:18100320	SSF x LoA	-8,53460119	0,076	0,294
CHR8	18106204	CHR8:18106204	SSF x LoA	-9,37147716	-0,154	0,303
CHR8	18107348	CHR8:18107348	SSF x LoA	-10,7303744	-0,019	0,301
CHR8	18107984	CHR8:18107984	SSF x LoA	-11,839304	-0,035	0,304
CHR8	18123499	CHR8:18123499	SSF x LoA	-11,6695021	0,098	0,300
CHR8	18123673	CHR8:18123673	SSF x LoA	-10,4700773	0,108	0,315
CHR8	1812513	CHR8:1812513	SSF x LoA	-7,05751497	-0,016	0,299
CHR8	18133247	CHR8:18133247	SSF x LoA	-10,473181	0,008	0,319
CHR8	18133416	CHR8:18133416	SSF x LoA	-11,0924005	0,043	0,322
CHR8	18136909	CHR8:18136909	SSF x LoA	-10,9294706	-0,039	0,303
CHR8	1814251	CHR8:1814251	SSF x LoA	-6,29191057	0,159	0,300
CHR8	1814256	CHR8:1814256	SSF x LoA	-3,92477044	0,144	0,293
CHR8	1814276	CHR8:1814276	SSF x LoA	-10,0854464	-0,022	0,298
CHR8	1814346	CHR8:1814346	SSF x LoA	-8,11535845	0,029	0,304
CHR8	181569	CHR8:181569	SSF x LoA	-6,07115675	-0,097	0,308
CHR8	18167797	CHR8:18167797	SSF x LoA	-8,94614475	-0,176	0,293
CHR8	18174240	CHR8:18174240	SSF x LoA	-8,69179811	0,026	0,309
CHR8	18176260	CHR8:18176260	SSF x LoA	-10,0687428	0,072	0,310
CHR8	18186566	CHR8:18186566	SSF x LoA	0,0934789	0,165	0,305
CHR8	18188414	CHR8:18188414	SSF x LoA	-8,14375716	0,168	0,297
CHR8	18211638	CHR8:18211638	SSF x LoA	-10,7088789	0,100	0,307
CHR8	18212504	CHR8:18212504	SSF x LoA	-5,05914857	0,011	0,309
CHR8	18212686	CHR8:18212686	SSF x LoA	-10,7998536	0,052	0,316
CHR8	18215514	CHR8:18215514	SSF x LoA	-8,70187013	-0,080	0,302
CHR8	18215578	CHR8:18215578	SSF x LoA	-7,85020247	-0,018	0,317
CHR8	18219518	CHR8:18219518	SSF x LoA	-11,1070668	0,063	0,306
CHR8	18219588	CHR8:18219588	SSF x LoA	-9,05975356	-0,056	0,304
CHR8	18219613	CHR8:18219613	SSF x LoA	-9,62143836	-0,123	0,311
CHR8	18219665	CHR8:18219665	SSF x LoA	-10,0860873	0,085	0,295
CHR8	18219683	CHR8:18219683	SSF x LoA	-11,4012017	0,042	0,310
CHR8	18219727	CHR8:18219727	SSF x LoA	-10,5056985	-0,087	0,301
CHR8	18226678	CHR8:18226678	SSF x LoA	-7,58982202	-0,044	0,315
CHR8	18227173	CHR8:18227173	SSF x LoA	-11,3320698	-0,046	0,312
CHR8	18227204	CHR8:18227204	SSF x LoA	-6,51178641	0,045	0,318
CHR8	18227206	CHR8:18227206	SSF x LoA	-8,09031319	0,093	0,297
CHR8	18227231	CHR8:18227231	SSF x LoA	-9,00407868	0,072	0,320
CHR8	18227233	CHR8:18227233	SSF x LoA	-10,9658916	0,082	0,311
CHR8	18227256	CHR8:18227256	SSF x LoA	-9,36067613	0,005	0,297
CHR8	18228470	CHR8:18228470	SSF x LoA	-5,83664581	0,143	0,302
CHR8	18228520	CHR8:18228520	SSF x LoA	-6,70333188	0,070	0,319
CHR8	18228529	CHR8:18228529	SSF x LoA	-8,582237	-0,008	0,308
CHR8	18228540	CHR8:18228540	SSF x LoA	-8,77695185	-0,058	0,307
CHR8	1826047	CHR8:1826047	SSF x LoA	-10,1524471	-0,044	0,309
CHR8	1826138	CHR8:1826138	SSF x LoA	-11,4404602	0,011	0,294
CHR8	18275242	CHR8:18275242	SSF x LoA	-7,08954235	0,113	0,300
CHR8	18296549	CHR8:18296549	SSF x LoA	-9,93921528	0,046	0,310

CHR8	18296561	CHR8:18296561	SSF x LoA	-10,1461561	-0,124	0,299
CHR8	18296644	CHR8:18296644	SSF x LoA	-10,1425998	0,056	0,305
CHR8	18307647	CHR8:18307647	SSF x LoA	-9,71205994	-0,029	0,303
CHR8	18307674	CHR8:18307674	SSF x LoA	-2,28279686	-0,079	0,308
CHR8	18307732	CHR8:18307732	SSF x LoA	-10,2949754	-0,045	0,305
CHR8	18324327	CHR8:18324327	SSF x LoA	-8,89734561	-0,078	0,299
CHR8	18324343	CHR8:18324343	SSF x LoA	-8,4049139	-0,107	0,294
CHR8	18324376	CHR8:18324376	SSF x LoA	-9,59644633	0,002	0,313
CHR8	18327628	CHR8:18327628	SSF x LoA	-8,63806881	0,019	0,309
CHR8	18342152	CHR8:18342152	SSF x LoA	-9,00164709	0,095	0,316
CHR8	18348637	CHR8:18348637	SSF x LoA	-11,1264702	-0,052	0,307
CHR8	18348676	CHR8:18348676	SSF x LoA	-10,8538275	0,027	0,309
CHR8	18348849	CHR8:18348849	SSF x LoA	-8,05206778	-0,051	0,300
CHR8	18352145	CHR8:18352145	SSF x LoA	-9,83423889	0,039	0,309
CHR8	1836327	CHR8:1836327	SSF x LoA	-8,48983811	0,045	0,300
CHR8	183633	CHR8:183633	SSF x LoA	-8,06755836	-0,105	0,305
CHR8	1836382	CHR8:1836382	SSF x LoA	-7,01420487	0,023	0,305
CHR8	18367954	CHR8:18367954	SSF x LoA	-1,47134857	-0,182	0,303
CHR8	18369505	CHR8:18369505	SSF x LoA	-8,15915605	0,103	0,318
CHR8	18371698	CHR8:18371698	SSF x LoA	-7,27388412	0,170	0,301
CHR8	18371925	CHR8:18371925	SSF x LoA	-9,01370666	0,055	0,306
CHR8	18371951	CHR8:18371951	SSF x LoA	-10,3721119	0,030	0,313
CHR8	18380410	CHR8:18380410	SSF x LoA	-2,93031077	-0,201	0,297
CHR8	18380472	CHR8:18380472	SSF x LoA	-11,1915785	0,075	0,306
CHR8	1838223	CHR8:1838223	SSF x LoA	-9,36290445	0,115	0,308
CHR8	18398721	CHR8:18398721	SSF x LoA	-9,89482141	0,023	0,309
CHR8	18398789	CHR8:18398789	SSF x LoA	-8,25587159	-0,035	0,320
CHR8	18398791	CHR8:18398791	SSF x LoA	-8,77949829	-0,054	0,305
CHR8	18398805	CHR8:18398805	SSF x LoA	-9,01207205	-0,005	0,318
CHR8	18412476	CHR8:18412476	SSF x LoA	-9,61353524	0,005	0,314
CHR8	18412533	CHR8:18412533	SSF x LoA	-8,69432918	0,036	0,294
CHR8	18426194	CHR8:18426194	SSF x LoA	-9,19359873	0,086	0,305
CHR8	18426266	CHR8:18426266	SSF x LoA	-7,61857177	-0,053	0,310
CHR8	18426268	CHR8:18426268	SSF x LoA	-4,97247774	0,043	0,313
CHR8	18426351	CHR8:18426351	SSF x LoA	-7,10140998	-0,040	0,288
CHR8	18444915	CHR8:18444915	SSF x LoA	-6,44136955	-0,189	0,296
CHR8	18446691	CHR8:18446691	SSF x LoA	-9,2174757	-0,179	0,295
CHR8	18446734	CHR8:18446734	SSF x LoA	-8,89507073	0,011	0,313
CHR8	18446808	CHR8:18446808	SSF x LoA	-6,57948107	0,138	0,316
CHR8	18448689	CHR8:18448689	SSF x LoA	-9,35913133	0,067	0,297
CHR8	18448707	CHR8:18448707	SSF x LoA	-9,36270803	0,087	0,305
CHR8	18452909	CHR8:18452909	SSF x LoA	-8,53920561	0,172	0,304
CHR8	18453941	CHR8:18453941	SSF x LoA	-9,48692289	-0,030	0,301
CHR8	18454016	CHR8:18454016	SSF x LoA	-8,60355501	0,009	0,312
CHR8	18460581	CHR8:18460581	SSF x LoA	-8,23994284	0,034	0,292
CHR8	18460626	CHR8:18460626	SSF x LoA	-11,0151007	0,013	0,298
CHR8	18460627	CHR8:18460627	SSF x LoA	-10,9879307	0,008	0,295
CHR8	18460649	CHR8:18460649	SSF x LoA	-3,93896869	-0,062	0,299
CHR8	18460680	CHR8:18460680	SSF x LoA	-8,51385656	0,019	0,295
CHR8	18460704	CHR8:18460704	SSF x LoA	-7,8074614	-0,094	0,299
CHR8	18461533	CHR8:18461533	SSF x LoA	-6,22845925	0,008	0,306
CHR8	18465539	CHR8:18465539	SSF x LoA	-11,402197	0,081	0,304
CHR8	18465540	CHR8:18465540	SSF x LoA	-10,3537766	0,040	0,302

CHR8	18465598	CHR8:18465598	SSF x LoA	-5,93839243	-0,011	0,294
CHR8	18465600	CHR8:18465600	SSF x LoA	-11,177921	-0,052	0,300
CHR8	18465616	CHR8:18465616	SSF x LoA	-9,30390004	0,002	0,305
CHR8	18465618	CHR8:18465618	SSF x LoA	-11,1566468	-0,066	0,298
CHR8	18465677	CHR8:18465677	SSF x LoA	-8,85137635	0,022	0,314
CHR8	1847280	CHR8:1847280	SSF x LoA	-8,47438872	-0,032	0,304
CHR8	18483647	CHR8:18483647	SSF x LoA	-10,991418	-0,010	0,297
CHR8	18483651	CHR8:18483651	SSF x LoA	-8,44870095	-0,093	0,288
CHR8	18483657	CHR8:18483657	SSF x LoA	-6,92435164	-0,101	0,281
CHR8	18483685	CHR8:18483685	SSF x LoA	-8,04726519	0,017	0,319
CHR8	18483788	CHR8:18483788	SSF x LoA	-11,0134462	-0,011	0,300
CHR8	18483789	CHR8:18483789	SSF x LoA	-10,6583152	-0,033	0,302
CHR8	18483855	CHR8:18483855	SSF x LoA	-11,1227224	0,041	0,293
CHR8	18483932	CHR8:18483932	SSF x LoA	-9,52271155	0,029	0,289
CHR8	18487172	CHR8:18487172	SSF x LoA	-10,2530248	-0,055	0,307
CHR8	18487187	CHR8:18487187	SSF x LoA	-5,80399538	-0,162	0,305
CHR8	18487255	CHR8:18487255	SSF x LoA	-8,81394786	-0,162	0,305
CHR8	18487276	CHR8:18487276	SSF x LoA	-9,03421097	-0,095	0,317
CHR8	18488289	CHR8:18488289	SSF x LoA	-5,39684733	0,130	0,310
CHR8	18488323	CHR8:18488323	SSF x LoA	-10,4442133	-0,007	0,316
CHR8	18488333	CHR8:18488333	SSF x LoA	-6,18785594	0,138	0,307
CHR8	18488344	CHR8:18488344	SSF x LoA	-7,13755895	-0,109	0,296
CHR8	18488362	CHR8:18488362	SSF x LoA	-6,55148145	0,109	0,313
CHR8	18492452	CHR8:18492452	SSF x LoA	-3,41316658	0,209	0,290
CHR8	18492468	CHR8:18492468	SSF x LoA	-11,586892	-0,069	0,300
CHR8	18496519	CHR8:18496519	SSF x LoA	-7,73994145	-0,180	0,315
CHR8	18496525	CHR8:18496525	SSF x LoA	-9,37458539	0,049	0,303
CHR8	18520909	CHR8:18520909	SSF x LoA	-9,42008183	-0,020	0,317
CHR8	18520932	CHR8:18520932	SSF x LoA	-8,61934773	-0,030	0,316
CHR8	18520934	CHR8:18520934	SSF x LoA	-9,668525	-0,045	0,317
CHR8	18520943	CHR8:18520943	SSF x LoA	-12,3373962	-0,056	0,299
CHR8	18525302	CHR8:18525302	SSF x LoA	-10,4551754	-0,043	0,303
CHR8	18541854	CHR8:18541854	SSF x LoA	-8,97234006	0,022	0,303
CHR8	18541873	CHR8:18541873	SSF x LoA	-10,2136276	0,010	0,310
CHR8	18541899	CHR8:18541899	SSF x LoA	-11,5071382	-0,084	0,313
CHR8	18541906	CHR8:18541906	SSF x LoA	-9,2174317	-0,068	0,295
CHR8	18542963	CHR8:18542963	SSF x LoA	-6,4803654	0,126	0,299
CHR8	18543219	CHR8:18543219	SSF x LoA	-6,96011734	0,049	0,306
CHR8	18548646	CHR8:18548646	SSF x LoA	-9,15944654	0,069	0,303
CHR8	18548698	CHR8:18548698	SSF x LoA	-10,5377522	-0,066	0,315
CHR8	18557231	CHR8:18557231	SSF x LoA	-6,73611767	-0,057	0,306
CHR8	18564044	CHR8:18564044	SSF x LoA	-8,96040359	-0,007	0,305
CHR8	18564058	CHR8:18564058	SSF x LoA	-8,2973635	-0,012	0,308
CHR8	18564187	CHR8:18564187	SSF x LoA	-6,10641347	-0,150	0,301
CHR8	18564228	CHR8:18564228	SSF x LoA	-5,70020989	-0,199	0,292
CHR8	18564236	CHR8:18564236	SSF x LoA	-10,3000951	0,045	0,302
CHR8	18564278	CHR8:18564278	SSF x LoA	-7,75376609	-0,067	0,316
CHR8	18573397	CHR8:18573397	SSF x LoA	-10,3205542	-0,019	0,301
CHR8	18573469	CHR8:18573469	SSF x LoA	-9,41926582	0,013	0,303
CHR8	18573474	CHR8:18573474	SSF x LoA	-10,3539635	0,011	0,296
CHR8	18588098	CHR8:18588098	SSF x LoA	-9,31399337	0,126	0,311
CHR8	18593937	CHR8:18593937	SSF x LoA	7,52507658	0,157	0,307
CHR8	18666488	CHR8:18666488	SSF x LoA	-8,15834608	0,112	0,293

CHR8	18672566	CHR8:18672566	SSF x LoA	-8,9872254	0,086	0,322
CHR8	18672620	CHR8:18672620	SSF x LoA	-9,99688769	-0,116	0,310
CHR8	18672670	CHR8:18672670	SSF x LoA	-11,0075125	-0,117	0,300
CHR8	18672695	CHR8:18672695	SSF x LoA	-10,6932604	-0,127	0,311
CHR8	18672721	CHR8:18672721	SSF x LoA	-8,65178476	0,063	0,305
CHR8	18675513	CHR8:18675513	SSF x LoA	-9,11041122	-0,018	0,325
CHR8	18692553	CHR8:18692553	SSF x LoA	-9,30553027	-0,105	0,311
CHR8	18695909	CHR8:18695909	SSF x LoA	-8,93255793	-0,097	0,304
CHR8	18706826	CHR8:18706826	SSF x LoA	-0,87382935	0,123	0,295
CHR8	18726492	CHR8:18726492	SSF x LoA	-9,19224652	0,014	0,301
CHR8	18728255	CHR8:18728255	SSF x LoA	-10,1236218	-0,069	0,289
CHR8	18728513	CHR8:18728513	SSF x LoA	-7,39918306	0,115	0,308
CHR8	18728517	CHR8:18728517	SSF x LoA	-9,99960582	0,103	0,297
CHR8	1873098	CHR8:1873098	SSF x LoA	-10,3980121	-0,090	0,297
CHR8	1873108	CHR8:1873108	SSF x LoA	-4,16056316	-0,038	0,297
CHR8	18735610	CHR8:18735610	SSF x LoA	-9,16474783	0,073	0,296
CHR8	1874660	CHR8:1874660	SSF x LoA	-8,45852306	-0,097	0,291
CHR8	18747846	CHR8:18747846	SSF x LoA	-9,76012236	0,059	0,297
CHR8	18747975	CHR8:18747975	SSF x LoA	-7,92109238	0,071	0,307
CHR8	1874894	CHR8:1874894	SSF x LoA	-12,2679678	0,069	0,301
CHR8	18758131	CHR8:18758131	SSF x LoA	-8,55599043	-0,013	0,292
CHR8	18768602	CHR8:18768602	SSF x LoA	-11,3857446	-0,055	0,310
CHR8	18768727	CHR8:18768727	SSF x LoA	-9,39244932	-0,027	0,311
CHR8	18768762	CHR8:18768762	SSF x LoA	-4,37227892	0,176	0,300
CHR8	18768814	CHR8:18768814	SSF x LoA	-4,08977001	0,172	0,291
CHR8	18768815	CHR8:18768815	SSF x LoA	-9,08915189	-0,016	0,312
CHR8	18776779	CHR8:18776779	SSF x LoA	-8,55862838	0,048	0,304
CHR8	18776797	CHR8:18776797	SSF x LoA	-10,2502947	-0,109	0,299
CHR8	18776826	CHR8:18776826	SSF x LoA	-9,19759636	0,134	0,303
CHR8	18776833	CHR8:18776833	SSF x LoA	-10,2942742	0,065	0,298
CHR8	18776874	CHR8:18776874	SSF x LoA	-2,17965387	-0,050	0,292
CHR8	18776933	CHR8:18776933	SSF x LoA	-10,5531818	0,005	0,310
CHR8	18783787	CHR8:18783787	SSF x LoA	-9,6658911	0,194	0,301
CHR8	18783821	CHR8:18783821	SSF x LoA	-9,32414198	-0,002	0,313
CHR8	18783822	CHR8:18783822	SSF x LoA	-9,08601432	-0,015	0,309
CHR8	18785642	CHR8:18785642	SSF x LoA	-8,50606695	-0,082	0,312
CHR8	18785649	CHR8:18785649	SSF x LoA	-8,77410244	-0,034	0,309
CHR8	18785672	CHR8:18785672	SSF x LoA	-2,29609866	0,147	0,304
CHR8	18785707	CHR8:18785707	SSF x LoA	-9,54392359	0,034	0,318
CHR8	18785726	CHR8:18785726	SSF x LoA	-7,00542694	-0,124	0,299
CHR8	18785799	CHR8:18785799	SSF x LoA	-12,149847	-0,038	0,302
CHR8	18785852	CHR8:18785852	SSF x LoA	-9,76611971	0,047	0,305
CHR8	18798071	CHR8:18798071	SSF x LoA	-6,57129604	0,137	0,297
CHR8	18798076	CHR8:18798076	SSF x LoA	-7,77861268	-0,053	0,303
CHR8	18798077	CHR8:18798077	SSF x LoA	-7,5109265	-0,057	0,293
CHR8	18798132	CHR8:18798132	SSF x LoA	-9,98978664	0,023	0,311
CHR8	18798142	CHR8:18798142	SSF x LoA	-11,4151139	-0,024	0,302
CHR8	18798476	CHR8:18798476	SSF x LoA	-3,44803486	-0,151	0,308
CHR8	18798502	CHR8:18798502	SSF x LoA	-8,85883664	-0,016	0,310
CHR8	18798536	CHR8:18798536	SSF x LoA	-9,02112031	-0,053	0,302
CHR8	18814642	CHR8:18814642	SSF x LoA	-10,4238097	0,013	0,306
CHR8	18819137	CHR8:18819137	SSF x LoA	-8,12867371	-0,124	0,313
CHR8	18819191	CHR8:18819191	SSF x LoA	-10,7771186	0,055	0,296

CHR8	18819199	CHR8:18819199	SSF x LoA	-8,67701725	-0,005	0,321
CHR8	18820807	CHR8:18820807	SSF x LoA	-7,56429645	-0,070	0,299
CHR8	18820818	CHR8:18820818	SSF x LoA	-10,0900714	-0,013	0,314
CHR8	18828583	CHR8:18828583	SSF x LoA	-6,72816103	-0,088	0,316
CHR8	18828587	CHR8:18828587	SSF x LoA	-8,50599961	-0,067	0,306
CHR8	18828670	CHR8:18828670	SSF x LoA	-8,73689706	-0,061	0,313
CHR8	18831568	CHR8:18831568	SSF x LoA	-9,07609487	0,140	0,311
CHR8	18831577	CHR8:18831577	SSF x LoA	-8,35797051	0,118	0,295
CHR8	18831605	CHR8:18831605	SSF x LoA	15,8572304	-0,147	0,308
CHR8	18835887	CHR8:18835887	SSF x LoA	-10,5541811	0,049	0,299
CHR8	18841575	CHR8:18841575	SSF x LoA	-11,8534185	0,060	0,308
CHR8	18842665	CHR8:18842665	SSF x LoA	-10,3761604	-0,065	0,301
CHR8	18842694	CHR8:18842694	SSF x LoA	-9,54087302	-0,091	0,311
CHR8	18842721	CHR8:18842721	SSF x LoA	-8,62962734	-0,147	0,290
CHR8	18842740	CHR8:18842740	SSF x LoA	-9,17603099	0,133	0,304
CHR8	18842762	CHR8:18842762	SSF x LoA	-7,4637147	-0,165	0,294
CHR8	18842764	CHR8:18842764	SSF x LoA	-7,25447317	-0,031	0,310
CHR8	18842787	CHR8:18842787	SSF x LoA	-11,7592362	0,048	0,302
CHR8	18842831	CHR8:18842831	SSF x LoA	-10,6357568	0,048	0,306
CHR8	18842844	CHR8:18842844	SSF x LoA	-8,47075001	0,012	0,321
CHR8	1884541	CHR8:1884541	SSF x LoA	-9,08541091	-0,071	0,304
CHR8	18846071	CHR8:18846071	SSF x LoA	-8,34116671	-0,033	0,301
CHR8	18846106	CHR8:18846106	SSF x LoA	-9,56857848	0,040	0,303
CHR8	18846227	CHR8:18846227	SSF x LoA	-11,1762427	-0,063	0,298
CHR8	18846228	CHR8:18846228	SSF x LoA	-10,8285251	-0,075	0,301
CHR8	18846247	CHR8:18846247	SSF x LoA	-10,8271113	-0,067	0,303
CHR8	18847739	CHR8:18847739	SSF x LoA	-7,52223756	-0,076	0,308
CHR8	18847939	CHR8:18847939	SSF x LoA	-7,21844828	0,073	0,319
CHR8	1884801	CHR8:1884801	SSF x LoA	-11,1348503	-0,026	0,302
CHR8	18851552	CHR8:18851552	SSF x LoA	-11,0984888	-0,131	0,297
CHR8	18851587	CHR8:18851587	SSF x LoA	-10,0584051	0,040	0,291
CHR8	18851617	CHR8:18851617	SSF x LoA	-5,56299079	-0,168	0,297
CHR8	18851713	CHR8:18851713	SSF x LoA	-10,2410379	-0,092	0,289
CHR8	18851735	CHR8:18851735	SSF x LoA	-9,16501112	-0,057	0,303
CHR8	18857615	CHR8:18857615	SSF x LoA	-7,23687406	0,161	0,315
CHR8	18857619	CHR8:18857619	SSF x LoA	-11,1426928	-0,123	0,293
CHR8	18857699	CHR8:18857699	SSF x LoA	-11,1475382	0,050	0,297
CHR8	18857702	CHR8:18857702	SSF x LoA	-10,9002762	0,064	0,302
CHR8	18857733	CHR8:18857733	SSF x LoA	-8,01073621	-0,142	0,300
CHR8	18857771	CHR8:18857771	SSF x LoA	-8,01396828	0,117	0,295
CHR8	18862253	CHR8:18862253	SSF x LoA	-8,92837041	0,054	0,310
CHR8	18862259	CHR8:18862259	SSF x LoA	-9,10559797	0,108	0,294
CHR8	18862427	CHR8:18862427	SSF x LoA	-10,6396739	-0,006	0,307
CHR8	18866121	CHR8:18866121	SSF x LoA	-6,1882546	-0,209	0,281
CHR8	18866437	CHR8:18866437	SSF x LoA	-10,498446	-0,075	0,310
CHR8	18874285	CHR8:18874285	SSF x LoA	-9,88452175	0,044	0,310
CHR8	18874400	CHR8:18874400	SSF x LoA	-3,38822444	0,121	0,310
CHR8	18874432	CHR8:18874432	SSF x LoA	-10,679171	-0,078	0,325
CHR8	18874433	CHR8:18874433	SSF x LoA	-11,5651609	-0,098	0,303
CHR8	18877574	CHR8:18877574	SSF x LoA	-8,22145126	-0,040	0,304
CHR8	18877710	CHR8:18877710	SSF x LoA	-3,40922402	-0,226	0,292
CHR8	18878700	CHR8:18878700	SSF x LoA	-9,04033325	0,065	0,314
CHR8	18881460	CHR8:18881460	SSF x LoA	-9,65970413	-0,024	0,304

CHR8	18881584	CHR8:18881584	SSF x LoA	-8,40827191	-0,052	0,302
CHR8	18881663	CHR8:18881663	SSF x LoA	-7,58916112	-0,012	0,298
CHR8	18881680	CHR8:18881680	SSF x LoA	-8,63652955	0,023	0,286
CHR8	18881726	CHR8:18881726	SSF x LoA	-9,0834817	0,014	0,314
CHR8	18883380	CHR8:18883380	SSF x LoA	-8,01015865	0,074	0,314
CHR8	18883442	CHR8:18883442	SSF x LoA	-9,22169487	0,079	0,290
CHR8	18883552	CHR8:18883552	SSF x LoA	-10,6865085	-0,051	0,305
CHR8	18883557	CHR8:18883557	SSF x LoA	-9,51334215	-0,012	0,302
CHR8	18883566	CHR8:18883566	SSF x LoA	-9,26567099	0,051	0,306
CHR8	18887663	CHR8:18887663	SSF x LoA	-7,48460837	0,046	0,278
CHR8	18891211	CHR8:18891211	SSF x LoA	-8,99909744	0,077	0,297
CHR8	18891310	CHR8:18891310	SSF x LoA	-9,29160385	-0,015	0,312
CHR8	18896530	CHR8:18896530	SSF x LoA	-9,52494985	-0,027	0,304
CHR8	18896544	CHR8:18896544	SSF x LoA	-9,25533528	-0,036	0,327
CHR8	18896558	CHR8:18896558	SSF x LoA	-6,48795442	-0,134	0,310
CHR8	18896577	CHR8:18896577	SSF x LoA	-8,45169901	-0,001	0,307
CHR8	18896612	CHR8:18896612	SSF x LoA	-10,9837141	0,054	0,304
CHR8	18896615	CHR8:18896615	SSF x LoA	-4,48445339	0,202	0,297
CHR8	18896630	CHR8:18896630	SSF x LoA	-12,1277469	-0,074	0,303
CHR8	18896638	CHR8:18896638	SSF x LoA	-9,05175535	-0,048	0,312
CHR8	18896662	CHR8:18896662	SSF x LoA	-9,95907097	0,038	0,298
CHR8	18906906	CHR8:18906906	SSF x LoA	-8,81924805	-0,049	0,309
CHR8	18906927	CHR8:18906927	SSF x LoA	-10,1633551	0,092	0,312
CHR8	18906946	CHR8:18906946	SSF x LoA	-11,616522	0,031	0,301
CHR8	18909955	CHR8:18909955	SSF x LoA	-10,6426434	-0,030	0,317
CHR8	18909959	CHR8:18909959	SSF x LoA	-11,1056748	-0,022	0,314
CHR8	18913792	CHR8:18913792	SSF x LoA	-10,5651264	-0,041	0,300
CHR8	18917789	CHR8:18917789	SSF x LoA	-7,4394266	0,071	0,316
CHR8	18917803	CHR8:18917803	SSF x LoA	-9,2893322	-0,042	0,319
CHR8	18917811	CHR8:18917811	SSF x LoA	-11,2111187	0,112	0,326
CHR8	18917896	CHR8:18917896	SSF x LoA	-11,6484617	0,008	0,308
CHR8	18925200	CHR8:18925200	SSF x LoA	-10,6349987	0,112	0,299
CHR8	18925343	CHR8:18925343	SSF x LoA	-9,7947119	-0,062	0,303
CHR8	18925574	CHR8:18925574	SSF x LoA	-9,09148525	-0,054	0,309
CHR8	18931388	CHR8:18931388	SSF x LoA	-8,39881831	-0,057	0,298
CHR8	18933355	CHR8:18933355	SSF x LoA	-4,84835159	0,086	0,310
CHR8	18933421	CHR8:18933421	SSF x LoA	-6,99807379	0,034	0,315
CHR8	18933448	CHR8:18933448	SSF x LoA	-9,24438053	0,088	0,302
CHR8	18933467	CHR8:18933467	SSF x LoA	-9,07828004	0,031	0,317
CHR8	18933523	CHR8:18933523	SSF x LoA	-8,04668826	0,096	0,317
CHR8	18933541	CHR8:18933541	SSF x LoA	-10,7456331	-0,068	0,304
CHR8	18935120	CHR8:18935120	SSF x LoA	-6,8906014	0,173	0,305
CHR8	18941741	CHR8:18941741	SSF x LoA	-9,38369552	-0,035	0,301
CHR8	18941743	CHR8:18941743	SSF x LoA	-9,26545943	-0,017	0,305
CHR8	18948884	CHR8:18948884	SSF x LoA	-10,9217666	-0,065	0,294
CHR8	18948914	CHR8:18948914	SSF x LoA	-9,45273584	-0,010	0,321
CHR8	18955921	CHR8:18955921	SSF x LoA	-7,88135172	-0,077	0,309
CHR8	18957527	CHR8:18957527	SSF x LoA	-9,85582406	0,008	0,298
CHR8	18957598	CHR8:18957598	SSF x LoA	-9,10797717	-0,049	0,306
CHR8	18958397	CHR8:18958397	SSF x LoA	-9,72295291	-0,082	0,316
CHR8	18958492	CHR8:18958492	SSF x LoA	-8,01337657	0,040	0,314
CHR8	18959367	CHR8:18959367	SSF x LoA	-10,8360975	-0,003	0,323
CHR8	18959409	CHR8:18959409	SSF x LoA	-10,4551816	-0,029	0,311

CHR8	18959459	CHR8:18959459	SSF x LoA	-3,60590881	0,179	0,307
CHR8	18961430	CHR8:18961430	SSF x LoA	-10,7348646	0,044	0,325
CHR8	18961457	CHR8:18961457	SSF x LoA	-7,57904785	0,171	0,303
CHR8	18969077	CHR8:18969077	SSF x LoA	-11,3991473	-0,001	0,318
CHR8	18969088	CHR8:18969088	SSF x LoA	-5,96771172	0,031	0,310
CHR8	18980806	CHR8:18980806	SSF x LoA	-11,4713839	-0,053	0,321
CHR8	18981000	CHR8:18981000	SSF x LoA	-10,6914574	-0,088	0,307
CHR8	18981001	CHR8:18981001	SSF x LoA	-10,5059634	0,016	0,311
CHR8	18991143	CHR8:18991143	SSF x LoA	-10,3668335	-0,008	0,323
CHR8	18991167	CHR8:18991167	SSF x LoA	-11,1162889	0,008	0,298
CHR8	18991173	CHR8:18991173	SSF x LoA	-11,0521218	-0,004	0,289
CHR8	18994378	CHR8:18994378	SSF x LoA	-5,11772954	-0,188	0,315
CHR8	18994439	CHR8:18994439	SSF x LoA	-8,06053579	-0,001	0,308
CHR8	18994525	CHR8:18994525	SSF x LoA	-8,92732693	-0,057	0,312
CHR8	18999565	CHR8:18999565	SSF x LoA	-10,5514522	0,017	0,322
CHR8	19000155	CHR8:19000155	SSF x LoA	-10,6463082	-0,043	0,299
CHR8	19007260	CHR8:19007260	SSF x LoA	-11,3097698	-0,082	0,314
CHR8	19018594	CHR8:19018594	SSF x LoA	-8,52865491	0,052	0,309
CHR8	19018754	CHR8:19018754	SSF x LoA	-7,94572049	-0,098	0,307
CHR8	19019198	CHR8:19019198	SSF x LoA	-7,70183328	0,143	0,314
CHR8	19019223	CHR8:19019223	SSF x LoA	-11,5106693	-0,025	0,315
CHR8	19022672	CHR8:19022672	SSF x LoA	-10,4984703	-0,089	0,303
CHR8	19023743	CHR8:19023743	SSF x LoA	-7,88431702	0,112	0,305
CHR8	19030345	CHR8:19030345	SSF x LoA	-10,20619	0,017	0,296
CHR8	19030368	CHR8:19030368	SSF x LoA	-11,5429445	0,037	0,314
CHR8	19030369	CHR8:19030369	SSF x LoA	-10,7109569	0,102	0,306
CHR8	19030423	CHR8:19030423	SSF x LoA	-7,53905651	-0,180	0,308
CHR8	19030458	CHR8:19030458	SSF x LoA	-5,67905529	-0,161	0,308
CHR8	19030503	CHR8:19030503	SSF x LoA	-5,86794818	0,018	0,300
CHR8	19033470	CHR8:19033470	SSF x LoA	-8,87630421	-0,119	0,288
CHR8	19033534	CHR8:19033534	SSF x LoA	-10,1067015	0,045	0,297
CHR8	19033617	CHR8:19033617	SSF x LoA	-9,32270493	-0,082	0,293
CHR8	19033648	CHR8:19033648	SSF x LoA	0,60074961	0,074	0,306
CHR8	19033743	CHR8:19033743	SSF x LoA	-8,32110767	-0,097	0,291
CHR8	19039524	CHR8:19039524	SSF x LoA	-9,47955843	-0,084	0,305
CHR8	19039545	CHR8:19039545	SSF x LoA	-6,81702473	-0,064	0,310
CHR8	19039586	CHR8:19039586	SSF x LoA	-8,71150406	-0,074	0,302
CHR8	19039612	CHR8:19039612	SSF x LoA	-8,17563283	0,004	0,310
CHR8	19039761	CHR8:19039761	SSF x LoA	-2,51805227	0,140	0,302
CHR8	19049131	CHR8:19049131	SSF x LoA	-10,3605955	-0,042	0,303
CHR8	19049138	CHR8:19049138	SSF x LoA	-7,66865945	0,002	0,312
CHR8	19049200	CHR8:19049200	SSF x LoA	-5,74989738	0,081	0,295
CHR8	19049205	CHR8:19049205	SSF x LoA	-10,7763237	0,010	0,309
CHR8	19049614	CHR8:19049614	SSF x LoA	-9,57723536	-0,051	0,324
CHR8	19049624	CHR8:19049624	SSF x LoA	-9,90837612	-0,060	0,300
CHR8	19060014	CHR8:19060014	SSF x LoA	0,08401954	0,001	0,314
CHR8	19060976	CHR8:19060976	SSF x LoA	-8,66663894	0,045	0,308
CHR8	19060977	CHR8:19060977	SSF x LoA	-5,23813673	0,038	0,301
CHR8	19061013	CHR8:19061013	SSF x LoA	-10,1189291	-0,056	0,306
CHR8	19062160	CHR8:19062160	SSF x LoA	-9,36599557	0,028	0,306
CHR8	19080183	CHR8:19080183	SSF x LoA	-7,91669994	-0,033	0,314
CHR8	19080202	CHR8:19080202	SSF x LoA	-10,2595267	0,022	0,322
CHR8	19080461	CHR8:19080461	SSF x LoA	-11,4441157	0,029	0,302

CHR8	19086275	CHR8:19086275	SSF x LoA	-1,12209382	0,015	0,318
CHR8	1908907	CHR8:1908907	SSF x LoA	-10,4858394	0,020	0,300
CHR8	1908996	CHR8:1908996	SSF x LoA	-8,57585437	0,084	0,307
CHR8	19092469	CHR8:19092469	SSF x LoA	-7,06364348	-0,088	0,304
CHR8	19095745	CHR8:19095745	SSF x LoA	-10,1547736	-0,048	0,300
CHR8	19095776	CHR8:19095776	SSF x LoA	-9,79744509	-0,035	0,315
CHR8	19095777	CHR8:19095777	SSF x LoA	-9,93550406	-0,084	0,313
CHR8	19095796	CHR8:19095796	SSF x LoA	-4,62059019	-0,195	0,311
CHR8	19095797	CHR8:19095797	SSF x LoA	-7,72382894	-0,150	0,298
CHR8	19101985	CHR8:19101985	SSF x LoA	-10,4821882	0,125	0,296
CHR8	19107503	CHR8:19107503	SSF x LoA	-12,0477408	0,008	0,315
CHR8	19107617	CHR8:19107617	SSF x LoA	-6,72426354	0,051	0,311
CHR8	19107623	CHR8:19107623	SSF x LoA	-10,3593682	0,120	0,306
CHR8	19111900	CHR8:19111900	SSF x LoA	-10,8853183	-0,053	0,305
CHR8	19111922	CHR8:19111922	SSF x LoA	-8,56220489	-0,057	0,311
CHR8	19111984	CHR8:19111984	SSF x LoA	6,41532783	-0,149	0,312
CHR8	19112008	CHR8:19112008	SSF x LoA	-9,12759709	-0,017	0,316
CHR8	19112012	CHR8:19112012	SSF x LoA	-8,79125569	-0,077	0,310
CHR8	19112041	CHR8:19112041	SSF x LoA	-7,84257762	-0,041	0,327
CHR8	19112054	CHR8:19112054	SSF x LoA	-7,97336892	-0,111	0,307
CHR8	19127218	CHR8:19127218	SSF x LoA	-6,90172002	-0,003	0,322
CHR8	19127264	CHR8:19127264	SSF x LoA	-10,4041814	-0,029	0,317
CHR8	19127274	CHR8:19127274	SSF x LoA	-9,05536911	-0,082	0,308
CHR8	19127279	CHR8:19127279	SSF x LoA	-10,1382542	-0,080	0,318
CHR8	19130567	CHR8:19130567	SSF x LoA	-10,6185783	0,005	0,300
CHR8	19139974	CHR8:19139974	SSF x LoA	-8,09888301	-0,100	0,286
CHR8	19140107	CHR8:19140107	SSF x LoA	-8,76855449	-0,052	0,313
CHR8	19140115	CHR8:19140115	SSF x LoA	-10,5349857	-0,087	0,302
CHR8	19140147	CHR8:19140147	SSF x LoA	-9,27989426	-0,021	0,304
CHR8	19152669	CHR8:19152669	SSF x LoA	-4,90749024	0,012	0,313
CHR8	19152730	CHR8:19152730	SSF x LoA	-8,7934423	0,043	0,308
CHR8	19157970	CHR8:19157970	SSF x LoA	-8,34274852	0,111	0,308
CHR8	19157971	CHR8:19157971	SSF x LoA	-8,88488652	-0,040	0,299
CHR8	19158017	CHR8:19158017	SSF x LoA	-11,2751097	-0,004	0,324
CHR8	19177418	CHR8:19177418	SSF x LoA	-8,39272042	-0,080	0,304
CHR8	19177436	CHR8:19177436	SSF x LoA	3,06378591	-0,060	0,311
CHR8	19177444	CHR8:19177444	SSF x LoA	-10,8191634	0,017	0,304
CHR8	19177466	CHR8:19177466	SSF x LoA	-10,2442343	-0,006	0,297
CHR8	19187186	CHR8:19187186	SSF x LoA	-10,5959723	-0,021	0,305
CHR8	1919164	CHR8:1919164	SSF x LoA	-10,5602461	-0,103	0,306
CHR8	19197080	CHR8:19197080	SSF x LoA	-10,1910814	-0,051	0,299
CHR8	1920538	CHR8:1920538	SSF x LoA	-8,30327061	-0,165	0,299
CHR8	19207546	CHR8:19207546	SSF x LoA	-11,1175455	0,017	0,309
CHR8	19214070	CHR8:19214070	SSF x LoA	-10,5432534	0,034	0,299
CHR8	19218041	CHR8:19218041	SSF x LoA	-6,28012957	0,045	0,308
CHR8	19218089	CHR8:19218089	SSF x LoA	-11,8253889	0,004	0,313
CHR8	19221785	CHR8:19221785	SSF x LoA	-11,7765716	-0,004	0,306
CHR8	19224623	CHR8:19224623	SSF x LoA	-7,91403764	0,165	0,301
CHR8	19229027	CHR8:19229027	SSF x LoA	-8,91195804	-0,073	0,299
CHR8	19237254	CHR8:19237254	SSF x LoA	-8,87165892	0,110	0,305
CHR8	19237405	CHR8:19237405	SSF x LoA	-5,6520739	0,173	0,297
CHR8	19237469	CHR8:19237469	SSF x LoA	-10,2620783	-0,036	0,302
CHR8	19237485	CHR8:19237485	SSF x LoA	-7,86949764	-0,098	0,306

CHR8	19245261	CHR8:19245261	SSF x LoA	-9,28210868	0,093	0,297
CHR8	19245543	CHR8:19245543	SSF x LoA	-8,12077039	0,158	0,298
CHR8	19246765	CHR8:19246765	SSF x LoA	-6,72232411	-0,018	0,322
CHR8	19249254	CHR8:19249254	SSF x LoA	-8,06897904	0,164	0,297
CHR8	19249296	CHR8:19249296	SSF x LoA	-10,2046535	0,055	0,306
CHR8	19251708	CHR8:19251708	SSF x LoA	-8,0660449	0,083	0,303
CHR8	19251711	CHR8:19251711	SSF x LoA	-7,14110651	-0,019	0,300
CHR8	19251712	CHR8:19251712	SSF x LoA	-11,1787555	0,097	0,305
CHR8	19251727	CHR8:19251727	SSF x LoA	-8,12697384	0,078	0,302
CHR8	19251729	CHR8:19251729	SSF x LoA	-9,1110997	-0,020	0,300
CHR8	19251750	CHR8:19251750	SSF x LoA	-10,2925245	0,039	0,297
CHR8	19251800	CHR8:19251800	SSF x LoA	-11,433457	-0,052	0,305
CHR8	19251911	CHR8:19251911	SSF x LoA	-6,78040479	0,060	0,312
CHR8	19253517	CHR8:19253517	SSF x LoA	-10,152657	-0,079	0,309
CHR8	19253540	CHR8:19253540	SSF x LoA	-8,04200511	-0,048	0,301
CHR8	19253548	CHR8:19253548	SSF x LoA	-9,88845621	-0,011	0,305
CHR8	19253556	CHR8:19253556	SSF x LoA	-3,76515434	-0,005	0,295
CHR8	19253565	CHR8:19253565	SSF x LoA	-9,50295527	0,001	0,304
CHR8	19286178	CHR8:19286178	SSF x LoA	-11,3060293	-0,003	0,304
CHR8	19286179	CHR8:19286179	SSF x LoA	-9,63393487	0,050	0,311
CHR8	19292050	CHR8:19292050	SSF x LoA	-9,24761261	0,005	0,317
CHR8	19292136	CHR8:19292136	SSF x LoA	-8,57739101	-0,045	0,321
CHR8	19294075	CHR8:19294075	SSF x LoA	-11,0527707	-0,076	0,320
CHR8	19294279	CHR8:19294279	SSF x LoA	-7,08304288	0,115	0,315
CHR8	19294287	CHR8:19294287	SSF x LoA	-10,0965275	-0,075	0,304
CHR8	19294331	CHR8:19294331	SSF x LoA	-7,92790227	-0,003	0,301
CHR8	19298646	CHR8:19298646	SSF x LoA	-7,51424186	0,037	0,306
CHR8	19302174	CHR8:19302174	SSF x LoA	-11,2771181	-0,113	0,304
CHR8	19302203	CHR8:19302203	SSF x LoA	-9,30043478	-0,089	0,318
CHR8	19302294	CHR8:19302294	SSF x LoA	-9,45377363	0,001	0,294
CHR8	19315689	CHR8:19315689	SSF x LoA	-8,61171156	0,005	0,312
CHR8	19315698	CHR8:19315698	SSF x LoA	-10,1563601	-0,068	0,292
CHR8	19315791	CHR8:19315791	SSF x LoA	-10,7082178	-0,106	0,290
CHR8	19315840	CHR8:19315840	SSF x LoA	-9,56615343	-0,121	0,302
CHR8	19315876	CHR8:19315876	SSF x LoA	-9,70117852	-0,062	0,302
CHR8	19315877	CHR8:19315877	SSF x LoA	-11,7488202	0,018	0,312
CHR8	19327522	CHR8:19327522	SSF x LoA	-9,5642145	-0,056	0,300
CHR8	19327576	CHR8:19327576	SSF x LoA	-6,53592092	-0,049	0,306
CHR8	19330039	CHR8:19330039	SSF x LoA	-5,21888882	-0,145	0,303
CHR8	19330108	CHR8:19330108	SSF x LoA	-9,69896812	0,027	0,318
CHR8	19330124	CHR8:19330124	SSF x LoA	-6,78414901	0,055	0,305
CHR8	19330206	CHR8:19330206	SSF x LoA	-7,87576559	-0,122	0,320
CHR8	19330211	CHR8:19330211	SSF x LoA	-10,0766022	0,047	0,320
CHR8	19330252	CHR8:19330252	SSF x LoA	-5,08332373	-0,038	0,310
CHR8	19332435	CHR8:19332435	SSF x LoA	-9,63808514	-0,016	0,306
CHR8	19332444	CHR8:19332444	SSF x LoA	-8,23341821	0,013	0,321
CHR8	19339232	CHR8:19339232	SSF x LoA	-6,86578733	-0,039	0,321
CHR8	19349431	CHR8:19349431	SSF x LoA	-7,35916463	0,134	0,277
CHR8	19349452	CHR8:19349452	SSF x LoA	-6,49047397	0,162	0,283
CHR8	19349470	CHR8:19349470	SSF x LoA	-6,0377127	0,202	0,284
CHR8	19351451	CHR8:19351451	SSF x LoA	-9,88077232	0,108	0,296
CHR8	19369216	CHR8:19369216	SSF x LoA	-7,70541827	-0,028	0,308
CHR8	19369249	CHR8:19369249	SSF x LoA	-11,9426865	-0,053	0,306

CHR8	19369462	CHR8:19369462	SSF x LoA	-10,0029127	0,024	0,311
CHR8	19369493	CHR8:19369493	SSF x LoA	-5,73784728	-0,052	0,295
CHR8	19369525	CHR8:19369525	SSF x LoA	-9,61465787	0,032	0,295
CHR8	19373423	CHR8:19373423	SSF x LoA	-3,94215374	-0,038	0,296
CHR8	19378843	CHR8:19378843	SSF x LoA	-9,28867443	-0,040	0,312
CHR8	19378881	CHR8:19378881	SSF x LoA	-7,98531444	0,021	0,318
CHR8	19379069	CHR8:19379069	SSF x LoA	-8,82232183	0,021	0,322
CHR8	19379137	CHR8:19379137	SSF x LoA	-7,81705864	-0,080	0,303
CHR8	19379176	CHR8:19379176	SSF x LoA	-9,03233511	-0,022	0,305
CHR8	19379200	CHR8:19379200	SSF x LoA	-10,4281821	-0,020	0,318
CHR8	19384046	CHR8:19384046	SSF x LoA	-7,90144853	-0,106	0,303
CHR8	19384467	CHR8:19384467	SSF x LoA	-9,91325533	-0,034	0,294
CHR8	19388617	CHR8:19388617	SSF x LoA	-6,73186082	-0,041	0,309
CHR8	19388664	CHR8:19388664	SSF x LoA	-11,3308545	-0,035	0,303
CHR8	19388774	CHR8:19388774	SSF x LoA	-9,22016082	0,039	0,315
CHR8	19388793	CHR8:19388793	SSF x LoA	-8,39837153	0,061	0,312
CHR8	19388856	CHR8:19388856	SSF x LoA	-9,42953898	0,012	0,321
CHR8	19389962	CHR8:19389962	SSF x LoA	-9,27056793	-0,042	0,287
CHR8	19389981	CHR8:19389981	SSF x LoA	-9,42295118	0,066	0,311
CHR8	19390015	CHR8:19390015	SSF x LoA	-6,23495076	0,218	0,285
CHR8	19415538	CHR8:19415538	SSF x LoA	-9,05496839	-0,065	0,305
CHR8	19418549	CHR8:19418549	SSF x LoA	-10,0534958	-0,166	0,295
CHR8	19421758	CHR8:19421758	SSF x LoA	-11,2007065	-0,007	0,301
CHR8	19421810	CHR8:19421810	SSF x LoA	-6,39198588	-0,132	0,305
CHR8	19421842	CHR8:19421842	SSF x LoA	-8,51299016	0,155	0,301
CHR8	194339	CHR8:194339	SSF x LoA	-10,5640625	0,018	0,309
CHR8	19443324	CHR8:19443324	SSF x LoA	-8,7435044	-0,067	0,305
CHR8	19443486	CHR8:19443486	SSF x LoA	-10,0234114	-0,080	0,305
CHR8	19446601	CHR8:19446601	SSF x LoA	-7,60991351	0,061	0,317
CHR8	19446634	CHR8:19446634	SSF x LoA	-9,23255344	0,023	0,301
CHR8	19446660	CHR8:19446660	SSF x LoA	-5,54114466	-0,126	0,312
CHR8	19446668	CHR8:19446668	SSF x LoA	-9,08800823	-0,021	0,310
CHR8	19446671	CHR8:19446671	SSF x LoA	-9,1422751	-0,001	0,308
CHR8	19446677	CHR8:19446677	SSF x LoA	-8,91253301	0,087	0,319
CHR8	19446681	CHR8:19446681	SSF x LoA	-11,4704546	0,077	0,317
CHR8	19446706	CHR8:19446706	SSF x LoA	-9,46506532	-0,008	0,304
CHR8	19454339	CHR8:19454339	SSF x LoA	-7,74905163	0,133	0,293
CHR8	19454397	CHR8:19454397	SSF x LoA	-12,0431775	-0,003	0,307
CHR8	19454464	CHR8:19454464	SSF x LoA	-11,6822597	0,002	0,299
CHR8	19463563	CHR8:19463563	SSF x LoA	-4,73298992	-0,082	0,321
CHR8	19463619	CHR8:19463619	SSF x LoA	-11,3876094	0,019	0,297
CHR8	19472158	CHR8:19472158	SSF x LoA	-10,1204634	0,123	0,304
CHR8	19475782	CHR8:19475782	SSF x LoA	-8,6324553	0,106	0,319
CHR8	19475798	CHR8:19475798	SSF x LoA	-11,0066153	-0,042	0,309
CHR8	19475828	CHR8:19475828	SSF x LoA	-9,75541968	-0,160	0,302
CHR8	19475860	CHR8:19475860	SSF x LoA	-5,82434406	0,096	0,308
CHR8	19475921	CHR8:19475921	SSF x LoA	-10,9564322	-0,078	0,303
CHR8	19482053	CHR8:19482053	SSF x LoA	-4,19040451	0,120	0,309
CHR8	19482174	CHR8:19482174	SSF x LoA	-11,3526322	0,009	0,311
CHR8	19482252	CHR8:19482252	SSF x LoA	-7,94962279	-0,030	0,317
CHR8	19482395	CHR8:19482395	SSF x LoA	-8,70831715	0,013	0,307
CHR8	19482402	CHR8:19482402	SSF x LoA	-5,69203119	-0,159	0,301
CHR8	19482420	CHR8:19482420	SSF x LoA	-9,65728553	0,034	0,310

CHR8	19487493	CHR8:19487493	SSF x LoA	-9,69259284	-0,044	0,302
CHR8	19487627	CHR8:19487627	SSF x LoA	-6,01742814	0,010	0,317
CHR8	19487657	CHR8:19487657	SSF x LoA	-8,35208709	0,033	0,314
CHR8	19487692	CHR8:19487692	SSF x LoA	-3,32789949	-0,122	0,301
CHR8	2E+07	CHR8:19509872	SSF x LoA	-11,859908	0,047	0,299
CHR8	2E+07	CHR8:19512162	SSF x LoA	-7,747972	-0,074	0,310
CHR8	2E+07	CHR8:19519987	SSF x LoA	-8,77354607	0,056	0,308
CHR8	2E+07	CHR8:19520140	SSF x LoA	-8,53635737	-0,084	0,316
CHR8	2E+07	CHR8:19530507	SSF x LoA	-6,6317226	0,025	0,306
CHR8	2E+07	CHR8:19530519	SSF x LoA	-7,72363842	-0,084	0,307
CHR8	2E+07	CHR8:19530555	SSF x LoA	-7,70655164	-0,016	0,307
CHR8	2E+07	CHR8:19530592	SSF x LoA	-10,6844327	-0,059	0,310
CHR8	2E+07	CHR8:19535501	SSF x LoA	-10,9975615	0,047	0,310
CHR8	2E+07	CHR8:19539085	SSF x LoA	-9,01506966	-0,070	0,317
CHR8	2E+07	CHR8:19556601	SSF x LoA	-8,36004275	0,050	0,313
CHR8	2E+07	CHR8:19563628	SSF x LoA	-9,6888871	0,078	0,300
CHR8	2E+07	CHR8:19568340	SSF x LoA	-8,53678049	0,090	0,310
CHR8	2E+07	CHR8:19578742	SSF x LoA	-8,89170925	0,090	0,310
CHR8	2E+07	CHR8:19582712	SSF x LoA	-9,43423388	0,059	0,310
CHR8	2E+07	CHR8:19586458	SSF x LoA	-8,9054952	0,057	0,311
CHR8	2E+07	CHR8:19586464	SSF x LoA	-8,35255699	-0,026	0,307
CHR8	2E+07	CHR8:19586587	SSF x LoA	-8,63073765	0,048	0,310
CHR8	2E+07	CHR8:19590080	SSF x LoA	-8,22675613	-0,007	0,311
CHR8	2E+07	CHR8:19590100	SSF x LoA	-8,01692634	-0,044	0,304
CHR8	2E+07	CHR8:19598033	SSF x LoA	-9,21218259	-0,072	0,301
CHR8	2E+07	CHR8:19598103	SSF x LoA	-9,92761822	0,029	0,313
CHR8	2E+07	CHR8:19598104	SSF x LoA	-7,68033637	-0,024	0,311
CHR8	2E+07	CHR8:19598111	SSF x LoA	0,00419384	0,009	0,318
CHR8	2E+07	CHR8:19598119	SSF x LoA	-8,70633894	-0,016	0,302
CHR8	2E+07	CHR8:19603743	SSF x LoA	-7,38870312	-0,045	0,298
CHR8	2E+07	CHR8:19603773	SSF x LoA	-7,50753775	0,167	0,291
CHR8	2E+07	CHR8:19603793	SSF x LoA	-8,76826714	0,041	0,298
CHR8	2E+07	CHR8:19603861	SSF x LoA	-10,5877307	-0,029	0,314
CHR8	2E+07	CHR8:19613916	SSF x LoA	-10,0810179	-0,077	0,314
CHR8	2E+07	CHR8:19613928	SSF x LoA	-9,38952081	-0,087	0,306
CHR8	2E+07	CHR8:19613940	SSF x LoA	-8,83885683	-0,075	0,314
CHR8	2E+07	CHR8:19613953	SSF x LoA	-11,6601103	-0,080	0,299
CHR8	2E+07	CHR8:19616005	SSF x LoA	-10,3090066	0,070	0,310
CHR8	2E+07	CHR8:19626552	SSF x LoA	-6,6663083	-0,016	0,306
CHR8	2E+07	CHR8:19626671	SSF x LoA	-6,9874295	0,144	0,293
CHR8	2E+07	CHR8:19630375	SSF x LoA	-4,60883909	0,220	0,289
CHR8	2E+07	CHR8:19630387	SSF x LoA	-0,75150461	0,225	0,305
CHR8	2E+07	CHR8:19630400	SSF x LoA	-6,47823111	0,189	0,301
CHR8	2E+07	CHR8:19630441	SSF x LoA	-8,11216751	0,009	0,322
CHR8	2E+07	CHR8:19671352	SSF x LoA	-12,6796627	0,019	0,294
CHR8	2E+07	CHR8:19671356	SSF x LoA	-4,74904258	0,033	0,310
CHR8	2E+07	CHR8:19687017	SSF x LoA	-4,86828223	0,162	0,304
CHR8	2E+07	CHR8:19687082	SSF x LoA	-11,3679009	0,090	0,310
CHR8	2E+07	CHR8:19687111	SSF x LoA	-8,74026555	-0,073	0,297
CHR8	2E+07	CHR8:19691050	SSF x LoA	-8,55811301	-0,204	0,294
CHR8	2E+07	CHR8:19691061	SSF x LoA	-10,0979917	-0,026	0,317
CHR8	2E+07	CHR8:19691103	SSF x LoA	-8,26562978	0,062	0,314
CHR8	2E+07	CHR8:19691108	SSF x LoA	-9,26292279	-0,027	0,310

CHR8	2E+07	CHR8:19691129	SSF x LoA	-9,06871755	0,020	0,308
CHR8	2E+07	CHR8:19691142	SSF x LoA	-1,3888736	-0,211	0,302
CHR8	2E+07	CHR8:19691144	SSF x LoA	-6,97616974	-0,199	0,301
CHR8	2E+07	CHR8:19696274	SSF x LoA	-10,1449695	0,049	0,303
CHR8	2E+07	CHR8:19696376	SSF x LoA	-5,78448171	-0,192	0,300
CHR8	2E+07	CHR8:19707788	SSF x LoA	-9,675176	0,113	0,305
CHR8	2E+07	CHR8:19707793	SSF x LoA	-10,6717022	0,008	0,310
CHR8	2E+07	CHR8:19723761	SSF x LoA	3,50663539	0,047	0,317
CHR8	2E+07	CHR8:19723817	SSF x LoA	-9,77349191	-0,121	0,299
CHR8	2E+07	CHR8:19734244	SSF x LoA	-8,48934043	-0,096	0,300
CHR8	2E+07	CHR8:19736188	SSF x LoA	-5,33445564	0,116	0,299
CHR8	2E+07	CHR8:19736244	SSF x LoA	-10,1331833	0,075	0,316
CHR8	2E+07	CHR8:19738109	SSF x LoA	-10,2174181	-0,111	0,298
CHR8	2E+07	CHR8:19738115	SSF x LoA	-9,80952142	-0,120	0,304
CHR8	2E+07	CHR8:19738116	SSF x LoA	-10,5235351	0,014	0,306
CHR8	2E+07	CHR8:19738180	SSF x LoA	-8,84713173	-0,038	0,301
CHR8	2E+07	CHR8:19738343	SSF x LoA	-10,0777415	0,005	0,313
CHR8	2E+07	CHR8:19765169	SSF x LoA	-9,99132416	-0,037	0,307
CHR8	2E+07	CHR8:19774730	SSF x LoA	-11,4264294	0,049	0,309
CHR8	2E+07	CHR8:19774731	SSF x LoA	-10,1743573	0,111	0,302
CHR8	2E+07	CHR8:19780785	SSF x LoA	-10,4341102	-0,010	0,307
CHR8	2E+07	CHR8:19780827	SSF x LoA	-8,70400121	0,177	0,296
CHR8	2E+07	CHR8:19780869	SSF x LoA	-7,229728	-0,044	0,313
CHR8	2E+07	CHR8:19780883	SSF x LoA	-7,91383269	0,158	0,308
CHR8	1978230	CHR8:1978230	SSF x LoA	-8,72735337	0,026	0,307
CHR8	1978256	CHR8:1978256	SSF x LoA	-9,25487558	0,093	0,317
CHR8	2E+07	CHR8:19788217	SSF x LoA	-11,0038879	-0,022	0,298
CHR8	2E+07	CHR8:19804342	SSF x LoA	-8,05504528	0,069	0,312
CHR8	2E+07	CHR8:19805843	SSF x LoA	-8,46695323	-0,061	0,304
CHR8	2E+07	CHR8:19805915	SSF x LoA	-7,55434837	0,087	0,304
CHR8	2E+07	CHR8:19805972	SSF x LoA	-9,34374751	0,042	0,304
CHR8	2E+07	CHR8:19806014	SSF x LoA	-8,86050686	0,051	0,304
CHR8	2E+07	CHR8:19812363	SSF x LoA	-10,2917929	0,089	0,314
CHR8	2E+07	CHR8:19812384	SSF x LoA	-9,75644761	-0,081	0,323
CHR8	2E+07	CHR8:19820198	SSF x LoA	-7,01055642	-0,082	0,303
CHR8	2E+07	CHR8:19820222	SSF x LoA	-10,398876	0,037	0,302
CHR8	2E+07	CHR8:19820274	SSF x LoA	-8,17102251	0,019	0,326
CHR8	2E+07	CHR8:19831413	SSF x LoA	-6,22826827	-0,204	0,297
CHR8	2E+07	CHR8:19831503	SSF x LoA	-9,52069859	0,085	0,308
CHR8	2E+07	CHR8:19832393	SSF x LoA	-8,96830795	-0,147	0,310
CHR8	2E+07	CHR8:19832405	SSF x LoA	-9,86133994	0,005	0,308
CHR8	2E+07	CHR8:19842700	SSF x LoA	-12,0821022	0,073	0,294
CHR8	2E+07	CHR8:19842738	SSF x LoA	-4,53574814	0,207	0,290
CHR8	2E+07	CHR8:19842797	SSF x LoA	-7,65780013	-0,115	0,310
CHR8	2E+07	CHR8:19843235	SSF x LoA	-8,81540135	-0,150	0,303
CHR8	2E+07	CHR8:19843277	SSF x LoA	-3,83774806	0,242	0,289
CHR8	2E+07	CHR8:19846411	SSF x LoA	-8,03376886	-0,035	0,324
CHR8	2E+07	CHR8:19846578	SSF x LoA	-10,1290939	0,052	0,311
CHR8	2E+07	CHR8:19846667	SSF x LoA	-9,11468751	0,099	0,310
CHR8	2E+07	CHR8:19848497	SSF x LoA	-8,62051784	-0,002	0,322
CHR8	2E+07	CHR8:19848515	SSF x LoA	-11,3784971	0,057	0,300
CHR8	2E+07	CHR8:19852450	SSF x LoA	-11,4307414	-0,001	0,307
CHR8	2E+07	CHR8:19852464	SSF x LoA	-9,38104184	-0,018	0,305

CHR8	2E+07	CHR8:19852570	SSF x LoA	-6,91943705	-0,049	0,322
CHR8	2E+07	CHR8:19857198	SSF x LoA	-9,27451527	-0,011	0,307
CHR8	2E+07	CHR8:19857239	SSF x LoA	-4,73927321	0,014	0,306
CHR8	2E+07	CHR8:19859416	SSF x LoA	-9,70366852	-0,079	0,300
CHR8	2E+07	CHR8:19859614	SSF x LoA	-8,96151716	0,032	0,311
CHR8	2E+07	CHR8:19859693	SSF x LoA	-8,36260627	0,009	0,314
CHR8	2E+07	CHR8:19877134	SSF x LoA	-9,72345585	-0,100	0,306
CHR8	2E+07	CHR8:19877141	SSF x LoA	-7,64670988	0,017	0,310
CHR8	2E+07	CHR8:19877201	SSF x LoA	-8,93666291	0,001	0,317
CHR8	2E+07	CHR8:19877348	SSF x LoA	-8,62083402	-0,115	0,309
CHR8	2E+07	CHR8:19877350	SSF x LoA	-9,91791433	-0,038	0,323
CHR8	2E+07	CHR8:19884866	SSF x LoA	-7,39006324	0,078	0,311
CHR8	2E+07	CHR8:19884891	SSF x LoA	-8,48501514	0,050	0,306
CHR8	2E+07	CHR8:19886874	SSF x LoA	-9,8745821	0,043	0,315
CHR8	2E+07	CHR8:19886889	SSF x LoA	-7,98738099	-0,091	0,314
CHR8	2E+07	CHR8:19893520	SSF x LoA	-4,76635208	0,167	0,301
CHR8	2E+07	CHR8:19893699	SSF x LoA	-6,32175097	0,227	0,289
CHR8	2E+07	CHR8:19901748	SSF x LoA	-10,8840122	0,003	0,321
CHR8	2E+07	CHR8:19901751	SSF x LoA	-6,4250901	-0,069	0,311
CHR8	2E+07	CHR8:19901755	SSF x LoA	-7,74330668	-0,129	0,289
CHR8	2E+07	CHR8:19904008	SSF x LoA	-10,2027593	0,086	0,293
CHR8	2E+07	CHR8:19904566	SSF x LoA	-10,5441362	0,014	0,309
CHR8	2E+07	CHR8:19904586	SSF x LoA	-10,8905355	-0,076	0,299
CHR8	2E+07	CHR8:19904611	SSF x LoA	-9,60128384	-0,026	0,311
CHR8	2E+07	CHR8:19904627	SSF x LoA	-3,82556448	0,019	0,314
CHR8	2E+07	CHR8:19905292	SSF x LoA	-8,51953649	-0,049	0,316
CHR8	2E+07	CHR8:19911423	SSF x LoA	-9,75250892	0,042	0,304
CHR8	2E+07	CHR8:19911470	SSF x LoA	-7,49945705	0,017	0,315
CHR8	2E+07	CHR8:19911485	SSF x LoA	-9,2492285	-0,026	0,300
CHR8	2E+07	CHR8:19922265	SSF x LoA	-8,23035293	-0,117	0,298
CHR8	2E+07	CHR8:19928968	SSF x LoA	-10,4884955	-0,072	0,303
CHR8	2E+07	CHR8:19929550	SSF x LoA	-10,2174841	-0,036	0,299
CHR8	2E+07	CHR8:19949360	SSF x LoA	-8,40741191	-0,049	0,306
CHR8	2E+07	CHR8:19955967	SSF x LoA	-7,58068261	0,083	0,306
CHR8	2E+07	CHR8:19966898	SSF x LoA	-10,4099743	0,024	0,289
CHR8	2E+07	CHR8:19966926	SSF x LoA	-8,82342006	0,149	0,295
CHR8	2E+07	CHR8:19966976	SSF x LoA	-9,01613771	0,033	0,307
CHR8	2E+07	CHR8:19966979	SSF x LoA	-10,4783265	-0,027	0,308
CHR8	2E+07	CHR8:19966988	SSF x LoA	-8,77940035	0,016	0,302
CHR8	1996708	CHR8:1996708	SSF x LoA	-7,93928695	-0,025	0,316
CHR8	2E+07	CHR8:19967143	SSF x LoA	-10,8362145	0,025	0,299
CHR8	2E+07	CHR8:19979512	SSF x LoA	-9,24466971	0,075	0,308
CHR8	2E+07	CHR8:19982348	SSF x LoA	-8,68997444	-0,085	0,307
CHR8	2E+07	CHR8:19982385	SSF x LoA	-10,7679583	-0,057	0,292
CHR8	2E+07	CHR8:19982392	SSF x LoA	-10,0862716	-0,072	0,312
CHR8	2E+07	CHR8:19982429	SSF x LoA	-1,29397326	0,208	0,300
CHR8	2E+07	CHR8:19982434	SSF x LoA	-4,33348962	0,173	0,307
CHR8	2E+07	CHR8:19982450	SSF x LoA	-6,65358623	-0,109	0,304
CHR8	2E+07	CHR8:19984221	SSF x LoA	-10,3906036	0,035	0,307
CHR8	2E+07	CHR8:19984235	SSF x LoA	-9,5267375	-0,037	0,310
CHR8	2E+07	CHR8:19986176	SSF x LoA	-9,18677265	0,004	0,290
CHR8	2E+07	CHR8:19986731	SSF x LoA	-8,59894154	0,098	0,306
CHR8	2E+07	CHR8:19999784	SSF x LoA	-9,48269721	-0,070	0,302

CHR8	2E+07	CHR8:19999838	SSF x LoA	-9,12845972	-0,026	0,314
CHR8	2E+07	CHR8:20000687	SSF x LoA	-9,28417875	-0,035	0,310
CHR8	2E+07	CHR8:20004856	SSF x LoA	-11,6197801	0,017	0,298
CHR8	2E+07	CHR8:20004896	SSF x LoA	-4,29672644	-0,209	0,304
CHR8	2E+07	CHR8:20005033	SSF x LoA	-10,1788492	0,027	0,311
CHR8	2E+07	CHR8:20005063	SSF x LoA	-9,9943741	-0,150	0,301
CHR8	2E+07	CHR8:20009300	SSF x LoA	-11,0416225	-0,019	0,307
CHR8	2E+07	CHR8:20010163	SSF x LoA	-7,95834129	0,092	0,306
CHR8	2E+07	CHR8:20014796	SSF x LoA	-4,33047525	-0,083	0,323
CHR8	2E+07	CHR8:20014807	SSF x LoA	-8,91723934	-0,014	0,292
CHR8	2E+07	CHR8:20014846	SSF x LoA	-8,68505393	0,028	0,285
CHR8	2E+07	CHR8:20014908	SSF x LoA	-8,0766044	-0,094	0,308
CHR8	2E+07	CHR8:20014978	SSF x LoA	-9,45060486	-0,080	0,320
CHR8	2E+07	CHR8:20018496	SSF x LoA	-11,2745007	-0,069	0,311
CHR8	2E+07	CHR8:20018554	SSF x LoA	-9,03274278	0,099	0,300
CHR8	2E+07	CHR8:20020670	SSF x LoA	-11,8138917	0,116	0,304
CHR8	2E+07	CHR8:20021471	SSF x LoA	-9,3096421	0,033	0,312
CHR8	2E+07	CHR8:20021478	SSF x LoA	-6,60014221	0,051	0,307
CHR8	2E+07	CHR8:20021493	SSF x LoA	-9,45980397	-0,003	0,309
CHR8	2E+07	CHR8:20021542	SSF x LoA	-8,77224305	-0,021	0,303
CHR8	2E+07	CHR8:20029920	SSF x LoA	-9,3733916	-0,021	0,300
CHR8	2E+07	CHR8:20029928	SSF x LoA	-7,61551809	0,003	0,323
CHR8	2E+07	CHR8:20030170	SSF x LoA	-9,73841074	-0,005	0,324
CHR8	2E+07	CHR8:20035616	SSF x LoA	-8,27188994	-0,016	0,305
CHR8	2E+07	CHR8:20035657	SSF x LoA	-8,47743904	0,059	0,301
CHR8	2E+07	CHR8:20035659	SSF x LoA	-11,4804001	-0,088	0,304
CHR8	2E+07	CHR8:20035671	SSF x LoA	-7,59919088	-0,095	0,293
CHR8	2E+07	CHR8:20035692	SSF x LoA	-8,89018324	0,006	0,312
CHR8	2E+07	CHR8:20035698	SSF x LoA	-12,2302445	-0,026	0,303
CHR8	2E+07	CHR8:20035710	SSF x LoA	-12,2987605	-0,029	0,297
CHR8	2E+07	CHR8:20035791	SSF x LoA	-8,38812896	0,085	0,312
CHR8	2E+07	CHR8:20035830	SSF x LoA	-8,54815475	-0,102	0,300
CHR8	2E+07	CHR8:20035920	SSF x LoA	-9,45243824	0,045	0,320
CHR8	2E+07	CHR8:20040601	SSF x LoA	-9,02380413	-0,029	0,309
CHR8	2E+07	CHR8:20040612	SSF x LoA	-11,5641235	0,026	0,304
CHR8	2E+07	CHR8:20040613	SSF x LoA	-8,52359679	-0,056	0,308
CHR8	2E+07	CHR8:20040638	SSF x LoA	-6,02033093	0,044	0,311
CHR8	2E+07	CHR8:20043069	SSF x LoA	-10,4098291	0,107	0,292
CHR8	2E+07	CHR8:20043141	SSF x LoA	-9,8665848	0,005	0,288
CHR8	2E+07	CHR8:20043202	SSF x LoA	-5,04956837	0,145	0,288
CHR8	2E+07	CHR8:20051363	SSF x LoA	-8,81112118	0,053	0,307
CHR8	2E+07	CHR8:20051585	SSF x LoA	-9,19060751	-0,063	0,304
CHR8	2E+07	CHR8:20053166	SSF x LoA	-8,13346984	0,078	0,303
CHR8	2E+07	CHR8:20055684	SSF x LoA	-9,90073639	-0,036	0,315
CHR8	2E+07	CHR8:20055695	SSF x LoA	2,61556142	-0,008	0,321
CHR8	2E+07	CHR8:20055863	SSF x LoA	-11,000928	0,049	0,299
CHR8	2E+07	CHR8:20057633	SSF x LoA	-1,53061451	-0,193	0,284
CHR8	2E+07	CHR8:20060400	SSF x LoA	-6,88517044	0,106	0,298
CHR8	2E+07	CHR8:20060428	SSF x LoA	-7,82558922	0,148	0,306
CHR8	2E+07	CHR8:20060429	SSF x LoA	-8,05874006	0,102	0,306
CHR8	2E+07	CHR8:20069585	SSF x LoA	-8,97330404	0,062	0,284
CHR8	2E+07	CHR8:20072089	SSF x LoA	-0,53693224	0,127	0,316
CHR8	2E+07	CHR8:20073415	SSF x LoA	-8,99967038	0,053	0,307

CHR8	2E+07	CHR8:20073571	SSF x LoA	-6,60036722	0,140	0,294
CHR8	2E+07	CHR8:20078102	SSF x LoA	-6,15928417	-0,124	0,288
CHR8	2E+07	CHR8:20078148	SSF x LoA	14,3759136	-0,117	0,305
CHR8	2E+07	CHR8:20078275	SSF x LoA	-8,20124596	-0,132	0,294
CHR8	2E+07	CHR8:20078279	SSF x LoA	-7,95886322	-0,103	0,306
CHR8	2008702	CHR8:2008702	SSF x LoA	-9,57592501	0,065	0,299
CHR8	2008723	CHR8:2008723	SSF x LoA	-8,78595488	-0,054	0,304
CHR8	2008800	CHR8:2008800	SSF x LoA	-10,1302785	0,066	0,297
CHR8	2009374	CHR8:2009374	SSF x LoA	-7,7262435	-0,087	0,309
CHR8	2E+07	CHR8:20096100	SSF x LoA	2,06173419	0,202	0,280
CHR8	2E+07	CHR8:20096203	SSF x LoA	-8,53674109	0,009	0,315
CHR8	2E+07	CHR8:20100042	SSF x LoA	-10,7516198	0,051	0,300
CHR8	2E+07	CHR8:20100136	SSF x LoA	-7,49377407	-0,026	0,313
CHR8	2E+07	CHR8:20102405	SSF x LoA	-7,57023925	0,117	0,317
CHR8	2E+07	CHR8:20102414	SSF x LoA	-8,89712529	0,094	0,305
CHR8	2E+07	CHR8:20102415	SSF x LoA	-8,34879177	0,071	0,303
CHR8	2E+07	CHR8:20102496	SSF x LoA	-7,2051516	-0,218	0,299
CHR8	2E+07	CHR8:20104134	SSF x LoA	-9,66470464	-0,090	0,310
CHR8	2E+07	CHR8:20107618	SSF x LoA	-10,1833866	-0,019	0,301
CHR8	2E+07	CHR8:20107680	SSF x LoA	-8,94073569	0,076	0,308
CHR8	2E+07	CHR8:20108475	SSF x LoA	-10,996008	-0,031	0,304
CHR8	2E+07	CHR8:20112701	SSF x LoA	-7,61033459	-0,183	0,305
CHR8	2E+07	CHR8:20112731	SSF x LoA	-8,47707127	0,139	0,297
CHR8	2E+07	CHR8:20112781	SSF x LoA	-7,58988663	-0,199	0,297
CHR8	2E+07	CHR8:20119440	SSF x LoA	-9,80010949	-0,041	0,308
CHR8	2E+07	CHR8:20119500	SSF x LoA	-8,93358697	0,055	0,299
CHR8	2E+07	CHR8:20120624	SSF x LoA	-5,3808974	-0,110	0,313
CHR8	2E+07	CHR8:20120662	SSF x LoA	-10,5975997	-0,040	0,315
CHR8	2E+07	CHR8:20120713	SSF x LoA	0,2707407	-0,003	0,321
CHR8	2E+07	CHR8:20122467	SSF x LoA	-8,40983921	-0,065	0,304
CHR8	2E+07	CHR8:20124607	SSF x LoA	-10,2782287	-0,004	0,305
CHR8	2E+07	CHR8:20141823	SSF x LoA	-8,65870776	-0,001	0,315
CHR8	2E+07	CHR8:20169296	SSF x LoA	-9,39213278	-0,106	0,309
CHR8	2E+07	CHR8:20169329	SSF x LoA	-6,94875841	-0,067	0,300
CHR8	2E+07	CHR8:20169358	SSF x LoA	-5,97089394	-0,098	0,299
CHR8	2E+07	CHR8:20169417	SSF x LoA	-8,12903547	0,030	0,315
CHR8	2E+07	CHR8:20169457	SSF x LoA	-10,6083826	-0,064	0,299
CHR8	2017152	CHR8:2017152	SSF x LoA	-8,51327741	-0,140	0,303
CHR8	2E+07	CHR8:20171538	SSF x LoA	-8,64937876	-0,112	0,302
CHR8	2E+07	CHR8:20171576	SSF x LoA	-5,95146017	-0,173	0,302
CHR8	2E+07	CHR8:20171577	SSF x LoA	-8,57720181	-0,174	0,297
CHR8	2E+07	CHR8:20172002	SSF x LoA	-4,35030899	-0,145	0,310
CHR8	2E+07	CHR8:20172013	SSF x LoA	-9,64793289	0,012	0,310
CHR8	2E+07	CHR8:20177617	SSF x LoA	-10,5777159	0,044	0,308
CHR8	2E+07	CHR8:20186751	SSF x LoA	-7,63057941	-0,052	0,306
CHR8	2E+07	CHR8:20191030	SSF x LoA	-10,9375659	-0,135	0,304
CHR8	2E+07	CHR8:20191892	SSF x LoA	-10,0134085	0,026	0,309
CHR8	2E+07	CHR8:20191964	SSF x LoA	-8,06127127	-0,064	0,318
CHR8	2E+07	CHR8:20192018	SSF x LoA	-9,73667858	-0,075	0,315
CHR8	2E+07	CHR8:20193477	SSF x LoA	-11,1854	0,142	0,299
CHR8	2E+07	CHR8:20193599	SSF x LoA	-8,62929409	-0,193	0,295
CHR8	2E+07	CHR8:20201047	SSF x LoA	-10,5345073	0,170	0,301
CHR8	2E+07	CHR8:20201244	SSF x LoA	-9,54859335	0,060	0,298

CHR8	2020332	CHR8:2020332	SSF x LoA	-7,37847003	0,012	0,304
CHR8	2020411	CHR8:2020411	SSF x LoA	-10,5476057	0,067	0,298
CHR8	2020432	CHR8:2020432	SSF x LoA	-8,6185384	0,006	0,314
CHR8	2020452	CHR8:2020452	SSF x LoA	-9,51723687	0,016	0,283
CHR8	2020480	CHR8:2020480	SSF x LoA	-11,1898355	-0,011	0,305
CHR8	2E+07	CHR8:20208095	SSF x LoA	-7,34066763	0,141	0,301
CHR8	2E+07	CHR8:20208103	SSF x LoA	-9,74514265	0,056	0,305
CHR8	2E+07	CHR8:20208138	SSF x LoA	-10,7471412	0,021	0,297
CHR8	2E+07	CHR8:20211929	SSF x LoA	-10,8872275	0,051	0,303
CHR8	202279	CHR8:202279	SSF x LoA	-9,27364656	0,063	0,310
CHR8	2E+07	CHR8:20232609	SSF x LoA	-6,80053817	0,072	0,307
CHR8	2E+07	CHR8:20232611	SSF x LoA	-8,12509435	0,068	0,296
CHR8	2E+07	CHR8:20232781	SSF x LoA	-7,66840023	0,004	0,300
CHR8	2E+07	CHR8:20254343	SSF x LoA	-10,3246205	0,036	0,312
CHR8	2E+07	CHR8:20254366	SSF x LoA	-9,32197266	-0,060	0,305
CHR8	2E+07	CHR8:20256514	SSF x LoA	-8,46184761	0,046	0,316
CHR8	2E+07	CHR8:20256612	SSF x LoA	-11,5780149	-0,033	0,301
CHR8	2E+07	CHR8:20256642	SSF x LoA	-6,99324631	-0,129	0,299
CHR8	2E+07	CHR8:20262424	SSF x LoA	-10,1847224	-0,117	0,297
CHR8	2E+07	CHR8:20272754	SSF x LoA	-10,4430859	-0,002	0,293
CHR8	2E+07	CHR8:20277096	SSF x LoA	-7,0145783	0,068	0,302
CHR8	2E+07	CHR8:20285151	SSF x LoA	-6,32418287	-0,138	0,306
CHR8	2E+07	CHR8:20285193	SSF x LoA	-10,961754	0,117	0,299
CHR8	2E+07	CHR8:20310315	SSF x LoA	-10,8215075	0,066	0,303
CHR8	2E+07	CHR8:20311922	SSF x LoA	-9,98953682	0,108	0,308
CHR8	2E+07	CHR8:20324672	SSF x LoA	-10,4141326	0,092	0,291
CHR8	2E+07	CHR8:20335580	SSF x LoA	-9,16832681	-0,142	0,312
CHR8	2E+07	CHR8:20335679	SSF x LoA	-7,61052492	0,025	0,311
CHR8	2E+07	CHR8:20335789	SSF x LoA	-9,35075206	-0,036	0,297
CHR8	2E+07	CHR8:20335816	SSF x LoA	-10,4503928	0,063	0,305
CHR8	2E+07	CHR8:20341574	SSF x LoA	-8,51057448	0,037	0,301
CHR8	2E+07	CHR8:20341579	SSF x LoA	-11,0307282	-0,091	0,299
CHR8	2E+07	CHR8:20341724	SSF x LoA	-10,561361	-0,010	0,307
CHR8	2E+07	CHR8:20343066	SSF x LoA	-11,453668	-0,031	0,306
CHR8	2E+07	CHR8:20343153	SSF x LoA	-11,0148135	0,067	0,308
CHR8	2E+07	CHR8:20343204	SSF x LoA	-9,76663586	0,135	0,304
CHR8	2E+07	CHR8:20346438	SSF x LoA	-7,42740388	0,047	0,309
CHR8	2E+07	CHR8:20346501	SSF x LoA	-5,81994015	-0,142	0,306
CHR8	2E+07	CHR8:20346936	SSF x LoA	-8,64388325	-0,014	0,295
CHR8	2E+07	CHR8:20346975	SSF x LoA	-6,42618422	0,077	0,306
CHR8	2E+07	CHR8:20351238	SSF x LoA	-5,97168987	-0,012	0,312
CHR8	2E+07	CHR8:20357117	SSF x LoA	-10,5111694	-0,055	0,292
CHR8	2E+07	CHR8:20357137	SSF x LoA	-10,1110397	-0,035	0,299
CHR8	2E+07	CHR8:20363322	SSF x LoA	-10,3724111	0,064	0,314
CHR8	2E+07	CHR8:20363369	SSF x LoA	-9,52688352	-0,037	0,298
CHR8	2E+07	CHR8:20363405	SSF x LoA	-2,74206198	0,139	0,290
CHR8	2E+07	CHR8:20363467	SSF x LoA	-9,70018005	0,018	0,287
CHR8	2E+07	CHR8:20363478	SSF x LoA	-10,6146003	0,017	0,303
CHR8	2036811	CHR8:2036811	SSF x LoA	-10,13161	0,022	0,303
CHR8	2E+07	CHR8:20368593	SSF x LoA	-11,4470209	-0,062	0,294
CHR8	2E+07	CHR8:20368730	SSF x LoA	-10,3780895	-0,047	0,299
CHR8	2E+07	CHR8:20371005	SSF x LoA	-8,9177637	-0,067	0,319
CHR8	2E+07	CHR8:20371025	SSF x LoA	-8,54980241	0,002	0,324

CHR8	2E+07	CHR8:20381547	SSF x LoA	-11,8677727	0,076	0,303
CHR8	2E+07	CHR8:20383288	SSF x LoA	-11,2671439	0,028	0,322
CHR8	2E+07	CHR8:20383387	SSF x LoA	-9,34477867	-0,049	0,316
CHR8	2E+07	CHR8:20386135	SSF x LoA	-10,0685473	-0,029	0,310
CHR8	2E+07	CHR8:20386166	SSF x LoA	-7,90368129	-0,041	0,313
CHR8	2E+07	CHR8:20386239	SSF x LoA	-10,5436598	-0,019	0,309
CHR8	2E+07	CHR8:20386295	SSF x LoA	-11,4361113	0,035	0,311
CHR8	2E+07	CHR8:20390267	SSF x LoA	-9,41149293	0,028	0,310
CHR8	2E+07	CHR8:20395859	SSF x LoA	-8,88901928	-0,023	0,297
CHR8	2E+07	CHR8:20395877	SSF x LoA	-9,21216954	0,048	0,315
CHR8	2E+07	CHR8:20395878	SSF x LoA	-10,733617	0,030	0,304
CHR8	2E+07	CHR8:20395883	SSF x LoA	-8,45281677	0,097	0,313
CHR8	2E+07	CHR8:20396060	SSF x LoA	-7,21558658	0,116	0,301
CHR8	2E+07	CHR8:20412806	SSF x LoA	-10,8646904	-0,050	0,301
CHR8	2E+07	CHR8:20412902	SSF x LoA	-8,03007501	-0,167	0,297
CHR8	2E+07	CHR8:20413104	SSF x LoA	-10,0945167	0,137	0,305
CHR8	2E+07	CHR8:20417093	SSF x LoA	-10,892999	-0,031	0,320
CHR8	2E+07	CHR8:20417134	SSF x LoA	-8,67050459	-0,014	0,311
CHR8	2E+07	CHR8:20423444	SSF x LoA	-10,428953	0,037	0,317
CHR8	2E+07	CHR8:20435128	SSF x LoA	-10,9633631	-0,123	0,311
CHR8	2E+07	CHR8:20435143	SSF x LoA	-9,32011949	-0,159	0,308
CHR8	2E+07	CHR8:20435144	SSF x LoA	-10,6748813	-0,147	0,299
CHR8	2E+07	CHR8:20435159	SSF x LoA	-11,7283733	0,034	0,302
CHR8	2E+07	CHR8:20439238	SSF x LoA	-11,2765854	0,081	0,312
CHR8	2E+07	CHR8:20439331	SSF x LoA	-7,56065832	-0,087	0,306
CHR8	2045095	CHR8:2045095	SSF x LoA	-8,45682656	-0,056	0,315
CHR8	2E+07	CHR8:20453563	SSF x LoA	-9,11490891	-0,108	0,305
CHR8	2E+07	CHR8:20453716	SSF x LoA	-6,45096187	0,124	0,313
CHR8	2E+07	CHR8:20467687	SSF x LoA	-9,86921539	-0,056	0,306
CHR8	2E+07	CHR8:20477056	SSF x LoA	-9,3359805	-0,133	0,292
CHR8	2E+07	CHR8:20489488	SSF x LoA	-11,8422426	0,018	0,297
CHR8	2E+07	CHR8:20492459	SSF x LoA	-10,8475494	-0,023	0,302
CHR8	20501627	CHR8:20501627	SSF x LoA	-11,4472385	0,052	0,300
CHR8	20501817	CHR8:20501817	SSF x LoA	-10,6781844	0,041	0,312
CHR8	20501924	CHR8:20501924	SSF x LoA	-10,2548075	-0,036	0,298
CHR8	20507316	CHR8:20507316	SSF x LoA	-7,27052938	-0,101	0,321
CHR8	20507431	CHR8:20507431	SSF x LoA	-10,7910298	-0,007	0,311
CHR8	20507495	CHR8:20507495	SSF x LoA	-7,7079101	0,127	0,307
CHR8	20508761	CHR8:20508761	SSF x LoA	-8,70844343	-0,077	0,308
CHR8	20508856	CHR8:20508856	SSF x LoA	-1,71811834	-0,168	0,304
CHR8	20516292	CHR8:20516292	SSF x LoA	-8,70227279	0,020	0,314
CHR8	20516341	CHR8:20516341	SSF x LoA	-11,4291702	0,030	0,307
CHR8	20516391	CHR8:20516391	SSF x LoA	-9,48708691	-0,024	0,313
CHR8	20516437	CHR8:20516437	SSF x LoA	-10,0425504	-0,044	0,306
CHR8	2051845	CHR8:2051845	SSF x LoA	-8,0113862	-0,011	0,314
CHR8	2051865	CHR8:2051865	SSF x LoA	-10,7359813	0,025	0,308
CHR8	20521434	CHR8:20521434	SSF x LoA	-11,1156078	-0,028	0,314
CHR8	20521507	CHR8:20521507	SSF x LoA	-5,67164049	0,201	0,294
CHR8	20531931	CHR8:20531931	SSF x LoA	-9,74283304	-0,120	0,295
CHR8	20537521	CHR8:20537521	SSF x LoA	-11,8164202	-0,112	0,307
CHR8	20537545	CHR8:20537545	SSF x LoA	-10,4710943	-0,048	0,301
CHR8	20537573	CHR8:20537573	SSF x LoA	-11,932083	-0,046	0,307
CHR8	20538593	CHR8:20538593	SSF x LoA	-7,08580638	0,004	0,327

CHR8	2054183	CHR8:2054183	SSF x LoA	-10,4724524	-0,052	0,311
CHR8	20551603	CHR8:20551603	SSF x LoA	-6,98633538	-0,117	0,313
CHR8	20551634	CHR8:20551634	SSF x LoA	-7,17349555	0,106	0,322
CHR8	20571255	CHR8:20571255	SSF x LoA	-11,5345077	0,039	0,304
CHR8	20576552	CHR8:20576552	SSF x LoA	-7,9778989	-0,088	0,318
CHR8	20576558	CHR8:20576558	SSF x LoA	-6,50432799	-0,059	0,308
CHR8	20577436	CHR8:20577436	SSF x LoA	-10,0901336	-0,095	0,308
CHR8	20577995	CHR8:20577995	SSF x LoA	-8,5908331	-0,035	0,300
CHR8	20578077	CHR8:20578077	SSF x LoA	-6,0027286	0,151	0,307
CHR8	20583429	CHR8:20583429	SSF x LoA	-11,2997424	0,021	0,317
CHR8	20583448	CHR8:20583448	SSF x LoA	-8,03859342	0,027	0,325
CHR8	20583467	CHR8:20583467	SSF x LoA	-9,54017299	0,103	0,298
CHR8	20587687	CHR8:20587687	SSF x LoA	-10,9529427	0,003	0,315
CHR8	20592212	CHR8:20592212	SSF x LoA	-3,383179	0,188	0,303
CHR8	20592233	CHR8:20592233	SSF x LoA	-0,64055968	0,131	0,299
CHR8	20593017	CHR8:20593017	SSF x LoA	-11,4906767	0,008	0,316
CHR8	20593037	CHR8:20593037	SSF x LoA	-9,63048823	0,044	0,304
CHR8	20593049	CHR8:20593049	SSF x LoA	-9,40256951	0,074	0,312
CHR8	20594994	CHR8:20594994	SSF x LoA	-6,78116224	0,050	0,306
CHR8	2059736	CHR8:2059736	SSF x LoA	-10,8920481	0,045	0,307
CHR8	2059738	CHR8:2059738	SSF x LoA	-11,2915192	0,032	0,312
CHR8	2059861	CHR8:2059861	SSF x LoA	-7,60622687	-0,012	0,315
CHR8	20602695	CHR8:20602695	SSF x LoA	-7,74779511	0,025	0,320
CHR8	20602758	CHR8:20602758	SSF x LoA	-6,36401457	-0,106	0,308
CHR8	20602777	CHR8:20602777	SSF x LoA	-8,95040212	-0,007	0,324
CHR8	20602948	CHR8:20602948	SSF x LoA	-10,2293946	-0,064	0,311
CHR8	20613930	CHR8:20613930	SSF x LoA	-8,88826228	0,040	0,292
CHR8	20613962	CHR8:20613962	SSF x LoA	-8,58069406	0,017	0,309
CHR8	20614040	CHR8:20614040	SSF x LoA	-9,78487987	-0,076	0,314
CHR8	20617238	CHR8:20617238	SSF x LoA	-9,02662118	0,066	0,313
CHR8	20617388	CHR8:20617388	SSF x LoA	-7,31079599	0,093	0,299
CHR8	20625571	CHR8:20625571	SSF x LoA	-10,5679711	0,022	0,311
CHR8	20625675	CHR8:20625675	SSF x LoA	-3,71356731	-0,052	0,312
CHR8	20625735	CHR8:20625735	SSF x LoA	-9,27825885	-0,040	0,308
CHR8	20625770	CHR8:20625770	SSF x LoA	-11,6533542	-0,037	0,289
CHR8	20625774	CHR8:20625774	SSF x LoA	-9,41434747	0,022	0,302
CHR8	20625788	CHR8:20625788	SSF x LoA	-6,53463468	0,036	0,305
CHR8	20645329	CHR8:20645329	SSF x LoA	-9,46288519	0,041	0,303
CHR8	20645372	CHR8:20645372	SSF x LoA	-8,63045238	-0,012	0,310
CHR8	20645393	CHR8:20645393	SSF x LoA	-10,8677903	0,012	0,305
CHR8	20645404	CHR8:20645404	SSF x LoA	-8,45916973	-0,015	0,308
CHR8	20645411	CHR8:20645411	SSF x LoA	-8,87839988	-0,001	0,311
CHR8	20645432	CHR8:20645432	SSF x LoA	-8,51649532	0,008	0,316
CHR8	20645440	CHR8:20645440	SSF x LoA	-7,79065692	-0,106	0,316
CHR8	20647200	CHR8:20647200	SSF x LoA	-6,43691851	0,044	0,300
CHR8	20647202	CHR8:20647202	SSF x LoA	-7,81185114	0,026	0,301
CHR8	20647270	CHR8:20647270	SSF x LoA	-9,71077527	-0,020	0,315
CHR8	20647277	CHR8:20647277	SSF x LoA	-10,4396778	0,070	0,305
CHR8	20647279	CHR8:20647279	SSF x LoA	-9,94866608	-0,052	0,301
CHR8	20647280	CHR8:20647280	SSF x LoA	-3,18111432	0,073	0,313
CHR8	20649497	CHR8:20649497	SSF x LoA	-9,69371331	0,073	0,303
CHR8	20660512	CHR8:20660512	SSF x LoA	-7,6681307	-0,010	0,316
CHR8	20669563	CHR8:20669563	SSF x LoA	-7,97519061	0,029	0,321

CHR8	20669572	CHR8:20669572	SSF x LoA	-9,71265245	0,042	0,302
CHR8	20669581	CHR8:20669581	SSF x LoA	-8,74300771	-0,039	0,295
CHR8	20670967	CHR8:20670967	SSF x LoA	-7,89501055	-0,094	0,310
CHR8	20673148	CHR8:20673148	SSF x LoA	-8,94467896	-0,086	0,314
CHR8	20673315	CHR8:20673315	SSF x LoA	-5,02259997	-0,174	0,302
CHR8	20674698	CHR8:20674698	SSF x LoA	-7,41152241	-0,060	0,312
CHR8	20674721	CHR8:20674721	SSF x LoA	-10,505705	-0,058	0,309
CHR8	20674818	CHR8:20674818	SSF x LoA	-8,09158288	-0,175	0,293
CHR8	20674870	CHR8:20674870	SSF x LoA	-8,31032155	0,030	0,312
CHR8	20674927	CHR8:20674927	SSF x LoA	-9,0094553	0,060	0,285
CHR8	20674930	CHR8:20674930	SSF x LoA	-9,23478253	0,018	0,316
CHR8	20674947	CHR8:20674947	SSF x LoA	-11,2709904	0,058	0,308
CHR8	20681649	CHR8:20681649	SSF x LoA	-8,65756937	-0,027	0,303
CHR8	20690330	CHR8:20690330	SSF x LoA	-9,20076151	-0,009	0,307
CHR8	20690341	CHR8:20690341	SSF x LoA	-5,56322135	0,197	0,284
CHR8	20690375	CHR8:20690375	SSF x LoA	-9,1154472	-0,145	0,309
CHR8	20690377	CHR8:20690377	SSF x LoA	-7,32253644	-0,009	0,322
CHR8	20690427	CHR8:20690427	SSF x LoA	-6,4267741	0,024	0,309
CHR8	20690484	CHR8:20690484	SSF x LoA	-11,2174355	-0,027	0,298
CHR8	20704289	CHR8:20704289	SSF x LoA	-10,4129222	0,042	0,321
CHR8	20708983	CHR8:20708983	SSF x LoA	-9,16676706	-0,051	0,305
CHR8	20709031	CHR8:20709031	SSF x LoA	-9,04682196	0,018	0,315
CHR8	20709102	CHR8:20709102	SSF x LoA	-8,42179069	0,065	0,307
CHR8	20709163	CHR8:20709163	SSF x LoA	-9,47415449	0,037	0,306
CHR8	20709171	CHR8:20709171	SSF x LoA	-8,03528647	-0,025	0,306
CHR8	20712133	CHR8:20712133	SSF x LoA	-7,51687413	0,029	0,296
CHR8	20712187	CHR8:20712187	SSF x LoA	-7,75272132	-0,097	0,308
CHR8	20729403	CHR8:20729403	SSF x LoA	-8,34068011	-0,048	0,312
CHR8	20729456	CHR8:20729456	SSF x LoA	-11,219184	0,050	0,311
CHR8	20729463	CHR8:20729463	SSF x LoA	-7,99011134	-0,016	0,319
CHR8	20735626	CHR8:20735626	SSF x LoA	-7,88567178	-0,097	0,304
CHR8	2074248	CHR8:2074248	SSF x LoA	-9,87428628	0,095	0,293
CHR8	20743190	CHR8:20743190	SSF x LoA	-6,1452258	-0,120	0,300
CHR8	2074346	CHR8:2074346	SSF x LoA	-11,0495964	-0,045	0,306
CHR8	20746668	CHR8:20746668	SSF x LoA	-10,3342081	-0,097	0,301
CHR8	20746878	CHR8:20746878	SSF x LoA	-9,8825649	-0,047	0,294
CHR8	20750441	CHR8:20750441	SSF x LoA	-10,9567195	-0,010	0,309
CHR8	20777605	CHR8:20777605	SSF x LoA	-8,76490283	-0,013	0,310
CHR8	20777629	CHR8:20777629	SSF x LoA	-8,97625592	-0,007	0,315
CHR8	20777633	CHR8:20777633	SSF x LoA	-9,81717407	0,030	0,320
CHR8	20777731	CHR8:20777731	SSF x LoA	-8,90166912	0,030	0,305
CHR8	20781410	CHR8:20781410	SSF x LoA	-8,80732039	-0,112	0,300
CHR8	20781480	CHR8:20781480	SSF x LoA	-7,57694657	0,026	0,311
CHR8	20781493	CHR8:20781493	SSF x LoA	-9,28427762	-0,047	0,312
CHR8	20781495	CHR8:20781495	SSF x LoA	-8,31139955	0,041	0,310
CHR8	20781518	CHR8:20781518	SSF x LoA	-6,43435552	0,129	0,296
CHR8	20781697	CHR8:20781697	SSF x LoA	-9,39537218	-0,045	0,307
CHR8	2078523	CHR8:2078523	SSF x LoA	-7,93638985	0,035	0,311
CHR8	2078673	CHR8:2078673	SSF x LoA	-11,1737133	-0,025	0,292
CHR8	2079084	CHR8:2079084	SSF x LoA	-7,29477388	0,012	0,305
CHR8	20798675	CHR8:20798675	SSF x LoA	-7,49253373	0,069	0,313
CHR8	20798746	CHR8:20798746	SSF x LoA	-8,22257319	0,058	0,305
CHR8	20798781	CHR8:20798781	SSF x LoA	-11,6478857	-0,019	0,305

CHR8	20798784	CHR8:20798784	SSF x LoA	-8,13862042	-0,088	0,305
CHR8	20798856	CHR8:20798856	SSF x LoA	-11,8892646	0,008	0,310
CHR8	20802032	CHR8:20802032	SSF x LoA	-10,6055414	0,013	0,298
CHR8	20802088	CHR8:20802088	SSF x LoA	-4,07906544	0,166	0,290
CHR8	20812228	CHR8:20812228	SSF x LoA	-10,6820039	-0,017	0,302
CHR8	20816595	CHR8:20816595	SSF x LoA	-9,20630818	0,088	0,309
CHR8	20816675	CHR8:20816675	SSF x LoA	-11,349343	0,001	0,313
CHR8	20817865	CHR8:20817865	SSF x LoA	-7,43429747	0,055	0,322
CHR8	20817911	CHR8:20817911	SSF x LoA	-8,98272952	-0,039	0,300
CHR8	20817958	CHR8:20817958	SSF x LoA	-8,2309241	0,065	0,305
CHR8	20818020	CHR8:20818020	SSF x LoA	-6,53520016	0,108	0,299
CHR8	20821541	CHR8:20821541	SSF x LoA	-10,1342447	-0,021	0,299
CHR8	20821870	CHR8:20821870	SSF x LoA	-1,65099522	0,090	0,306
CHR8	2082197	CHR8:2082197	SSF x LoA	-10,0593985	0,083	0,297
CHR8	20825673	CHR8:20825673	SSF x LoA	-8,96688043	0,082	0,322
CHR8	20825692	CHR8:20825692	SSF x LoA	-8,82434555	-0,054	0,309
CHR8	20825727	CHR8:20825727	SSF x LoA	-9,50282733	-0,014	0,300
CHR8	20839063	CHR8:20839063	SSF x LoA	-6,77945817	-0,202	0,284
CHR8	20839095	CHR8:20839095	SSF x LoA	-7,74056196	-0,020	0,309
CHR8	20839169	CHR8:20839169	SSF x LoA	-6,58841204	0,175	0,303
CHR8	20849875	CHR8:20849875	SSF x LoA	-12,0112629	-0,029	0,301
CHR8	20851877	CHR8:20851877	SSF x LoA	-9,25021578	0,024	0,300
CHR8	20852014	CHR8:20852014	SSF x LoA	-8,37104727	0,049	0,299
CHR8	2085551	CHR8:2085551	SSF x LoA	-11,175962	0,083	0,297
CHR8	2085556	CHR8:2085556	SSF x LoA	-10,1781513	-0,097	0,306
CHR8	20856492	CHR8:20856492	SSF x LoA	-10,8791384	0,039	0,293
CHR8	20871410	CHR8:20871410	SSF x LoA	-7,32254603	-0,095	0,303
CHR8	20871432	CHR8:20871432	SSF x LoA	-10,2221911	0,067	0,296
CHR8	20898250	CHR8:20898250	SSF x LoA	-7,36895086	-0,083	0,312
CHR8	20898365	CHR8:20898365	SSF x LoA	-9,8764284	-0,119	0,309
CHR8	20898401	CHR8:20898401	SSF x LoA	-8,77024605	-0,072	0,307
CHR8	20898488	CHR8:20898488	SSF x LoA	-9,05371048	0,016	0,308
CHR8	20902877	CHR8:20902877	SSF x LoA	-8,37191493	-0,029	0,320
CHR8	20903066	CHR8:20903066	SSF x LoA	-8,79423172	0,125	0,302
CHR8	20910284	CHR8:20910284	SSF x LoA	-8,37123875	0,004	0,301
CHR8	20910377	CHR8:20910377	SSF x LoA	-9,51182412	0,073	0,311
CHR8	20910393	CHR8:20910393	SSF x LoA	-10,9422283	0,057	0,302
CHR8	209172	CHR8:209172	SSF x LoA	-9,025936	0,037	0,308
CHR8	20921401	CHR8:20921401	SSF x LoA	-8,55716984	0,083	0,310
CHR8	20921544	CHR8:20921544	SSF x LoA	-11,3601459	-0,007	0,300
CHR8	20921613	CHR8:20921613	SSF x LoA	-8,09332988	0,040	0,308
CHR8	209236	CHR8:209236	SSF x LoA	0,23610384	-0,086	0,308
CHR8	20926337	CHR8:20926337	SSF x LoA	-10,3851554	-0,038	0,301
CHR8	20926395	CHR8:20926395	SSF x LoA	-10,575256	-0,071	0,308
CHR8	20926431	CHR8:20926431	SSF x LoA	-6,37603749	-0,003	0,298
CHR8	20926965	CHR8:20926965	SSF x LoA	-9,79701228	-0,040	0,307
CHR8	20926993	CHR8:20926993	SSF x LoA	-10,5604996	-0,094	0,318
CHR8	20927077	CHR8:20927077	SSF x LoA	-8,03112777	-0,043	0,304
CHR8	209272	CHR8:209272	SSF x LoA	-8,98937159	-0,016	0,302
CHR8	20944884	CHR8:20944884	SSF x LoA	-7,54103282	-0,127	0,314
CHR8	20945003	CHR8:20945003	SSF x LoA	-11,6609908	0,045	0,278
CHR8	20945014	CHR8:20945014	SSF x LoA	-8,38899385	0,149	0,292
CHR8	20947913	CHR8:20947913	SSF x LoA	-9,85455358	0,077	0,306

CHR8	20947922	CHR8:20947922	SSF x LoA	-10,6923968	0,080	0,305
CHR8	20966911	CHR8:20966911	SSF x LoA	-0,94804311	-0,018	0,315
CHR8	20967261	CHR8:20967261	SSF x LoA	-10,9122656	-0,093	0,291
CHR8	20967402	CHR8:20967402	SSF x LoA	-9,64292426	-0,061	0,299
CHR8	2097304	CHR8:2097304	SSF x LoA	-11,8195705	0,052	0,304
CHR8	2097305	CHR8:2097305	SSF x LoA	-10,3504841	0,056	0,313
CHR8	20976540	CHR8:20976540	SSF x LoA	-8,88301671	0,133	0,302
CHR8	20976604	CHR8:20976604	SSF x LoA	-8,66870914	-0,018	0,319
CHR8	20983935	CHR8:20983935	SSF x LoA	-10,1652143	-0,124	0,303
CHR8	20983939	CHR8:20983939	SSF x LoA	-9,26636075	-0,104	0,309
CHR8	20983964	CHR8:20983964	SSF x LoA	-9,48667633	0,047	0,309
CHR8	20984011	CHR8:20984011	SSF x LoA	-8,5354627	-0,055	0,316
CHR8	20984065	CHR8:20984065	SSF x LoA	-10,4836234	-0,050	0,315
CHR8	20999504	CHR8:20999504	SSF x LoA	-3,85619367	0,180	0,311
CHR8	20999554	CHR8:20999554	SSF x LoA	-8,09715921	0,057	0,309
CHR8	21004949	CHR8:21004949	SSF x LoA	-7,89572864	-0,072	0,304
CHR8	21007939	CHR8:21007939	SSF x LoA	-10,6391572	-0,053	0,324
CHR8	21008097	CHR8:21008097	SSF x LoA	-7,95295509	-0,040	0,322
CHR8	21008101	CHR8:21008101	SSF x LoA	-8,29860861	0,067	0,284
CHR8	21008126	CHR8:21008126	SSF x LoA	-10,6160152	0,054	0,294
CHR8	21008127	CHR8:21008127	SSF x LoA	-7,6706597	-0,025	0,311
CHR8	21008155	CHR8:21008155	SSF x LoA	-8,45616456	0,004	0,312
CHR8	21009988	CHR8:21009988	SSF x LoA	-8,31115815	-0,063	0,313
CHR8	21017855	CHR8:21017855	SSF x LoA	-9,53004575	-0,120	0,297
CHR8	21018017	CHR8:21018017	SSF x LoA	-9,03592759	-0,109	0,316
CHR8	21031441	CHR8:21031441	SSF x LoA	-7,6831297	0,048	0,322
CHR8	21031444	CHR8:21031444	SSF x LoA	-7,87798739	-0,051	0,312
CHR8	21031458	CHR8:21031458	SSF x LoA	-7,51328052	0,008	0,326
CHR8	21031604	CHR8:21031604	SSF x LoA	-8,69418434	0,045	0,311
CHR8	21033506	CHR8:21033506	SSF x LoA	-8,58761653	0,106	0,294
CHR8	21038051	CHR8:21038051	SSF x LoA	-5,43341397	-0,098	0,299
CHR8	21038144	CHR8:21038144	SSF x LoA	-11,0974087	0,093	0,299
CHR8	21048480	CHR8:21048480	SSF x LoA	-10,2953986	0,074	0,304
CHR8	21048777	CHR8:21048777	SSF x LoA	-5,07117464	-0,132	0,304
CHR8	21052722	CHR8:21052722	SSF x LoA	-11,11664	-0,044	0,310
CHR8	21063407	CHR8:21063407	SSF x LoA	-5,26632675	-0,062	0,299
CHR8	21063542	CHR8:21063542	SSF x LoA	-10,1336915	-0,004	0,296
CHR8	21065558	CHR8:21065558	SSF x LoA	-10,5053122	0,048	0,302
CHR8	21068022	CHR8:21068022	SSF x LoA	-7,02746768	0,067	0,308
CHR8	21068100	CHR8:21068100	SSF x LoA	-9,35277867	0,011	0,309
CHR8	21072037	CHR8:21072037	SSF x LoA	-6,85118999	0,051	0,309
CHR8	21077425	CHR8:21077425	SSF x LoA	-9,14098689	0,008	0,300
CHR8	21077541	CHR8:21077541	SSF x LoA	-10,5159846	-0,067	0,311
CHR8	21078323	CHR8:21078323	SSF x LoA	-8,00773889	0,076	0,289
CHR8	21080493	CHR8:21080493	SSF x LoA	-6,4778132	0,161	0,292
CHR8	2108160	CHR8:2108160	SSF x LoA	-11,762579	0,047	0,307
CHR8	21082161	CHR8:21082161	SSF x LoA	-8,79176461	-0,010	0,303
CHR8	2108281	CHR8:2108281	SSF x LoA	-11,4094593	-0,010	0,306
CHR8	2108411	CHR8:2108411	SSF x LoA	-8,33245127	-0,004	0,326
CHR8	2108430	CHR8:2108430	SSF x LoA	-6,4494738	0,064	0,304
CHR8	2108542	CHR8:2108542	SSF x LoA	-11,5063185	0,003	0,293
CHR8	2108560	CHR8:2108560	SSF x LoA	-6,29585698	-0,024	0,317
CHR8	2108572	CHR8:2108572	SSF x LoA	-3,3638076	0,142	0,309

CHR8	21090229	CHR8:21090229	SSF x LoA	-10,2481791	-0,064	0,300
CHR8	21092400	CHR8:21092400	SSF x LoA	-10,1183633	0,016	0,304
CHR8	21092433	CHR8:21092433	SSF x LoA	-10,9555231	-0,035	0,299
CHR8	21092465	CHR8:21092465	SSF x LoA	-9,75697844	-0,009	0,320
CHR8	21092473	CHR8:21092473	SSF x LoA	-8,17175838	0,011	0,305
CHR8	21092511	CHR8:21092511	SSF x LoA	-9,01973415	0,013	0,307
CHR8	21092537	CHR8:21092537	SSF x LoA	-10,5447003	0,032	0,307
CHR8	21092539	CHR8:21092539	SSF x LoA	-10,7929974	-0,011	0,310
CHR8	21099592	CHR8:21099592	SSF x LoA	-10,1332635	0,087	0,310
CHR8	21099737	CHR8:21099737	SSF x LoA	-9,07840099	0,037	0,297
CHR8	21099782	CHR8:21099782	SSF x LoA	-8,86649043	0,089	0,307
CHR8	21104000	CHR8:21104000	SSF x LoA	-9,42355365	-0,066	0,301
CHR8	21110691	CHR8:21110691	SSF x LoA	-10,1793755	-0,104	0,316
CHR8	21110720	CHR8:21110720	SSF x LoA	-11,4961858	-0,086	0,307
CHR8	21110722	CHR8:21110722	SSF x LoA	-6,84679303	-0,102	0,314
CHR8	21110738	CHR8:21110738	SSF x LoA	-9,27486237	0,116	0,301
CHR8	21122450	CHR8:21122450	SSF x LoA	-7,59975304	0,073	0,298
CHR8	21122488	CHR8:21122488	SSF x LoA	-8,80165995	0,088	0,308
CHR8	21122548	CHR8:21122548	SSF x LoA	-9,72772234	0,050	0,302
CHR8	21122603	CHR8:21122603	SSF x LoA	-6,59066531	-0,155	0,294
CHR8	21122663	CHR8:21122663	SSF x LoA	-10,8558133	0,042	0,316
CHR8	21126529	CHR8:21126529	SSF x LoA	-9,09140795	-0,088	0,306
CHR8	21126758	CHR8:21126758	SSF x LoA	-7,23012155	-0,079	0,309
CHR8	21126831	CHR8:21126831	SSF x LoA	-8,60645718	-0,026	0,314
CHR8	21130367	CHR8:21130367	SSF x LoA	-11,71419	0,007	0,301
CHR8	21130431	CHR8:21130431	SSF x LoA	-9,86533998	0,001	0,294
CHR8	21130450	CHR8:21130450	SSF x LoA	-8,34220772	0,177	0,300
CHR8	21130462	CHR8:21130462	SSF x LoA	-10,7572937	0,143	0,300
CHR8	21130479	CHR8:21130479	SSF x LoA	-9,88544317	0,165	0,302
CHR8	21130494	CHR8:21130494	SSF x LoA	-9,87675373	0,023	0,309
CHR8	21130583	CHR8:21130583	SSF x LoA	-8,35040974	0,108	0,294
CHR8	21130621	CHR8:21130621	SSF x LoA	-3,47896951	-0,196	0,291
CHR8	21130635	CHR8:21130635	SSF x LoA	-10,9477007	0,050	0,305
CHR8	21133255	CHR8:21133255	SSF x LoA	-9,83233906	0,092	0,302
CHR8	21133286	CHR8:21133286	SSF x LoA	-7,75416007	0,049	0,316
CHR8	21138572	CHR8:21138572	SSF x LoA	-10,5894781	-0,065	0,305
CHR8	21139065	CHR8:21139065	SSF x LoA	-9,90354135	-0,070	0,310
CHR8	21141524	CHR8:21141524	SSF x LoA	-11,6267171	-0,051	0,322
CHR8	21142499	CHR8:21142499	SSF x LoA	-9,62422859	-0,056	0,320
CHR8	21142535	CHR8:21142535	SSF x LoA	-8,64192349	-0,049	0,304
CHR8	21143937	CHR8:21143937	SSF x LoA	-9,21864418	-0,158	0,305
CHR8	21153934	CHR8:21153934	SSF x LoA	-7,20767399	-0,041	0,316
CHR8	21155980	CHR8:21155980	SSF x LoA	-11,4303335	-0,049	0,302
CHR8	21155989	CHR8:21155989	SSF x LoA	-8,1215756	-0,178	0,285
CHR8	21156095	CHR8:21156095	SSF x LoA	-2,01831592	-0,239	0,294
CHR8	21156130	CHR8:21156130	SSF x LoA	0,75447288	0,104	0,303
CHR8	21156144	CHR8:21156144	SSF x LoA	-10,0256354	0,110	0,294
CHR8	21156210	CHR8:21156210	SSF x LoA	-2,22697887	0,027	0,314
CHR8	21156232	CHR8:21156232	SSF x LoA	-6,34450725	0,161	0,302
CHR8	21163584	CHR8:21163584	SSF x LoA	-9,36851558	-0,057	0,309
CHR8	21172974	CHR8:21172974	SSF x LoA	-6,18811249	0,150	0,305
CHR8	21181737	CHR8:21181737	SSF x LoA	-10,8158694	-0,083	0,307
CHR8	21183859	CHR8:21183859	SSF x LoA	-10,2371163	0,139	0,302

CHR8	21193302	CHR8:21193302	SSF x LoA	-10,2964569	0,007	0,313
CHR8	21193485	CHR8:21193485	SSF x LoA	-7,1817707	-0,151	0,300
CHR8	21193575	CHR8:21193575	SSF x LoA	-8,50591012	0,160	0,295
CHR8	21193592	CHR8:21193592	SSF x LoA	-10,4872438	0,066	0,305
CHR8	21193649	CHR8:21193649	SSF x LoA	-8,69792949	0,012	0,309
CHR8	21200800	CHR8:21200800	SSF x LoA	-9,4658752	-0,049	0,296
CHR8	21200857	CHR8:21200857	SSF x LoA	-8,18891921	-0,045	0,316
CHR8	21200862	CHR8:21200862	SSF x LoA	-7,93361129	-0,057	0,306
CHR8	21200943	CHR8:21200943	SSF x LoA	-5,871281	0,134	0,300
CHR8	21200995	CHR8:21200995	SSF x LoA	-8,70770138	-0,042	0,308
CHR8	21210111	CHR8:21210111	SSF x LoA	-10,8466593	0,014	0,312
CHR8	21212244	CHR8:21212244	SSF x LoA	-6,64823839	-0,070	0,307
CHR8	21212271	CHR8:21212271	SSF x LoA	-8,94411457	-0,008	0,299
CHR8	21212361	CHR8:21212361	SSF x LoA	-8,95515929	-0,072	0,310
CHR8	21212418	CHR8:21212418	SSF x LoA	-9,86136614	-0,108	0,311
CHR8	21214473	CHR8:21214473	SSF x LoA	-7,83766222	-0,056	0,304
CHR8	21214497	CHR8:21214497	SSF x LoA	-10,1646069	-0,025	0,308
CHR8	21214554	CHR8:21214554	SSF x LoA	-8,68861731	-0,075	0,309
CHR8	21214691	CHR8:21214691	SSF x LoA	-11,6843912	-0,050	0,297
CHR8	21223898	CHR8:21223898	SSF x LoA	-9,44068386	0,104	0,307
CHR8	21226023	CHR8:21226023	SSF x LoA	-9,23986299	-0,008	0,311
CHR8	21226062	CHR8:21226062	SSF x LoA	-5,3438076	-0,137	0,294
CHR8	21227545	CHR8:21227545	SSF x LoA	-9,02205219	-0,074	0,303
CHR8	21227563	CHR8:21227563	SSF x LoA	-10,0686147	-0,082	0,313
CHR8	21227625	CHR8:21227625	SSF x LoA	-8,25031728	0,017	0,297
CHR8	21227673	CHR8:21227673	SSF x LoA	-9,07895413	-0,010	0,316
CHR8	21227686	CHR8:21227686	SSF x LoA	-9,31960844	-0,091	0,310
CHR8	21227729	CHR8:21227729	SSF x LoA	0,43909797	-0,010	0,314
CHR8	21227780	CHR8:21227780	SSF x LoA	-11,1095931	-0,007	0,303
CHR8	21235312	CHR8:21235312	SSF x LoA	3,05445813	-0,065	0,296
CHR8	21235348	CHR8:21235348	SSF x LoA	-8,7951283	-0,050	0,308
CHR8	21235404	CHR8:21235404	SSF x LoA	-7,35313595	-0,057	0,307
CHR8	21235466	CHR8:21235466	SSF x LoA	-8,14511322	-0,044	0,307
CHR8	21254188	CHR8:21254188	SSF x LoA	-9,20877444	0,040	0,304
CHR8	21254234	CHR8:21254234	SSF x LoA	-9,29318716	0,013	0,292
CHR8	21260117	CHR8:21260117	SSF x LoA	-7,83706486	0,071	0,313
CHR8	21260178	CHR8:21260178	SSF x LoA	-5,50302995	-0,003	0,308
CHR8	21260199	CHR8:21260199	SSF x LoA	-9,89769955	-0,069	0,316
CHR8	21268739	CHR8:21268739	SSF x LoA	-9,371213	-0,009	0,315
CHR8	21275123	CHR8:21275123	SSF x LoA	-9,48943818	-0,053	0,304
CHR8	21275141	CHR8:21275141	SSF x LoA	-8,97604477	0,102	0,308
CHR8	21275192	CHR8:21275192	SSF x LoA	-9,89106813	0,044	0,314
CHR8	21279224	CHR8:21279224	SSF x LoA	-8,63962007	-0,076	0,308
CHR8	21279307	CHR8:21279307	SSF x LoA	-5,05704691	-0,047	0,308
CHR8	21279312	CHR8:21279312	SSF x LoA	-9,09551305	0,085	0,313
CHR8	21284870	CHR8:21284870	SSF x LoA	-10,4006133	-0,029	0,310
CHR8	21293434	CHR8:21293434	SSF x LoA	-7,57313389	0,064	0,304
CHR8	21297879	CHR8:21297879	SSF x LoA	-10,7438247	0,086	0,299
CHR8	21297896	CHR8:21297896	SSF x LoA	-11,1370148	0,079	0,321
CHR8	21297905	CHR8:21297905	SSF x LoA	-10,219789	0,044	0,319
CHR8	21297955	CHR8:21297955	SSF x LoA	-9,17290695	0,064	0,315
CHR8	21301152	CHR8:21301152	SSF x LoA	-11,6073654	-0,008	0,307
CHR8	21301156	CHR8:21301156	SSF x LoA	-8,03054228	-0,048	0,308

CHR8	21301234	CHR8:21301234	SSF x LoA	-9,20216392	-0,113	0,309
CHR8	21301265	CHR8:21301265	SSF x LoA	-7,92081511	0,056	0,303
CHR8	21301270	CHR8:21301270	SSF x LoA	-11,0834073	-0,016	0,307
CHR8	21301297	CHR8:21301297	SSF x LoA	-10,2322925	-0,099	0,291
CHR8	21301320	CHR8:21301320	SSF x LoA	-8,86536455	-0,007	0,305
CHR8	21301332	CHR8:21301332	SSF x LoA	-11,5921559	-0,058	0,299
CHR8	21301335	CHR8:21301335	SSF x LoA	-10,6006892	-0,028	0,312
CHR8	21301343	CHR8:21301343	SSF x LoA	-8,92008494	-0,057	0,307
CHR8	21301376	CHR8:21301376	SSF x LoA	-9,01283121	-0,125	0,303
CHR8	21307521	CHR8:21307521	SSF x LoA	-8,70226282	0,041	0,299
CHR8	21307531	CHR8:21307531	SSF x LoA	-3,78890589	0,083	0,303
CHR8	21307598	CHR8:21307598	SSF x LoA	-5,28904985	0,023	0,294
CHR8	21307607	CHR8:21307607	SSF x LoA	-10,0279732	0,095	0,302
CHR8	21307747	CHR8:21307747	SSF x LoA	-7,01977714	-0,074	0,304
CHR8	21311139	CHR8:21311139	SSF x LoA	-5,20069178	-0,145	0,296
CHR8	21311223	CHR8:21311223	SSF x LoA	-4,32667154	0,229	0,294
CHR8	21311276	CHR8:21311276	SSF x LoA	-9,51635873	0,118	0,315
CHR8	21311292	CHR8:21311292	SSF x LoA	-8,69709546	-0,104	0,299
CHR8	21322000	CHR8:21322000	SSF x LoA	-7,78306954	-0,042	0,307
CHR8	21322019	CHR8:21322019	SSF x LoA	-10,9187158	0,018	0,303
CHR8	21322062	CHR8:21322062	SSF x LoA	-10,5021567	-0,042	0,298
CHR8	21323878	CHR8:21323878	SSF x LoA	-7,36820651	0,116	0,306
CHR8	21323929	CHR8:21323929	SSF x LoA	-8,85717604	-0,005	0,309
CHR8	21327995	CHR8:21327995	SSF x LoA	-11,3380918	-0,005	0,301
CHR8	21328030	CHR8:21328030	SSF x LoA	-9,44911378	-0,039	0,312
CHR8	21329309	CHR8:21329309	SSF x LoA	-11,6651972	-0,001	0,299
CHR8	21329341	CHR8:21329341	SSF x LoA	-11,2744755	0,042	0,311
CHR8	21330903	CHR8:21330903	SSF x LoA	-7,47650605	-0,007	0,322
CHR8	21331031	CHR8:21331031	SSF x LoA	-8,92646416	0,015	0,305
CHR8	21331138	CHR8:21331138	SSF x LoA	-9,91513974	0,063	0,310
CHR8	21331152	CHR8:21331152	SSF x LoA	-9,66263166	-0,011	0,308
CHR8	2133267	CHR8:2133267	SSF x LoA	-9,88585174	-0,035	0,306
CHR8	2133300	CHR8:2133300	SSF x LoA	-11,8593374	0,022	0,312
CHR8	2133333	CHR8:2133333	SSF x LoA	-6,46204519	-0,156	0,308
CHR8	21338133	CHR8:21338133	SSF x LoA	-10,7706176	0,005	0,304
CHR8	21338158	CHR8:21338158	SSF x LoA	-9,54440053	0,031	0,305
CHR8	21338179	CHR8:21338179	SSF x LoA	-6,94320824	0,050	0,323
CHR8	21338205	CHR8:21338205	SSF x LoA	-9,57937218	-0,112	0,308
CHR8	21338226	CHR8:21338226	SSF x LoA	-11,6669492	0,055	0,311
CHR8	21338252	CHR8:21338252	SSF x LoA	-11,250779	-0,090	0,303
CHR8	21338261	CHR8:21338261	SSF x LoA	-8,10821173	-0,095	0,296
CHR8	21338263	CHR8:21338263	SSF x LoA	-11,2317506	-0,073	0,297
CHR8	21338279	CHR8:21338279	SSF x LoA	-10,2461281	-0,073	0,304
CHR8	21339392	CHR8:21339392	SSF x LoA	-9,95448656	0,054	0,303
CHR8	21339621	CHR8:21339621	SSF x LoA	-9,9583593	0,006	0,295
CHR8	21344691	CHR8:21344691	SSF x LoA	-9,26983487	-0,071	0,303
CHR8	21344692	CHR8:21344692	SSF x LoA	0,68581878	0,181	0,288
CHR8	21347428	CHR8:21347428	SSF x LoA	-10,2766986	-0,099	0,310
CHR8	21347453	CHR8:21347453	SSF x LoA	-10,7674926	-0,057	0,311
CHR8	21365014	CHR8:21365014	SSF x LoA	-9,54890682	-0,079	0,298
CHR8	21365946	CHR8:21365946	SSF x LoA	-4,04188195	-0,175	0,296
CHR8	21366131	CHR8:21366131	SSF x LoA	-9,02596999	-0,069	0,308
CHR8	21370785	CHR8:21370785	SSF x LoA	-8,34068673	0,118	0,312

CHR8	21370789	CHR8:21370789	SSF x LoA	3,03184946	0,165	0,315
CHR8	21370829	CHR8:21370829	SSF x LoA	-12,1751958	0,017	0,293
CHR8	21370959	CHR8:21370959	SSF x LoA	-6,93867855	0,172	0,292
CHR8	21372108	CHR8:21372108	SSF x LoA	-8,37694435	-0,144	0,308
CHR8	21373337	CHR8:21373337	SSF x LoA	-11,1687753	-0,056	0,303
CHR8	21373439	CHR8:21373439	SSF x LoA	-11,3830069	-0,060	0,295
CHR8	21373494	CHR8:21373494	SSF x LoA	-8,37061713	0,081	0,308
CHR8	2137419	CHR8:2137419	SSF x LoA	-11,5927693	-0,040	0,298
CHR8	2137468	CHR8:2137468	SSF x LoA	-10,8835601	0,077	0,306
CHR8	2137472	CHR8:2137472	SSF x LoA	-9,39219332	0,110	0,317
CHR8	21375025	CHR8:21375025	SSF x LoA	-9,17035492	-0,064	0,302
CHR8	2137509	CHR8:2137509	SSF x LoA	-7,34994735	-0,041	0,304
CHR8	21393769	CHR8:21393769	SSF x LoA	-9,22285878	-0,026	0,326
CHR8	21397116	CHR8:21397116	SSF x LoA	-8,75168755	-0,100	0,309
CHR8	21397123	CHR8:21397123	SSF x LoA	-10,1628141	-0,030	0,313
CHR8	21397172	CHR8:21397172	SSF x LoA	-7,27517822	-0,171	0,298
CHR8	21397188	CHR8:21397188	SSF x LoA	-9,97101874	0,022	0,311
CHR8	21399568	CHR8:21399568	SSF x LoA	-8,57496577	0,006	0,311
CHR8	21415642	CHR8:21415642	SSF x LoA	-8,15397346	0,072	0,314
CHR8	21417726	CHR8:21417726	SSF x LoA	-7,30178494	-0,023	0,290
CHR8	21417741	CHR8:21417741	SSF x LoA	-8,41804031	0,079	0,298
CHR8	21421231	CHR8:21421231	SSF x LoA	-9,76731698	-0,005	0,310
CHR8	21421423	CHR8:21421423	SSF x LoA	-11,3362479	0,008	0,300
CHR8	21422544	CHR8:21422544	SSF x LoA	-8,1705092	-0,006	0,330
CHR8	21422604	CHR8:21422604	SSF x LoA	-6,71791542	0,120	0,309
CHR8	21422606	CHR8:21422606	SSF x LoA	-10,942223	0,121	0,303
CHR8	21430027	CHR8:21430027	SSF x LoA	-11,0169906	-0,075	0,306
CHR8	21430059	CHR8:21430059	SSF x LoA	-7,8525812	-0,149	0,307
CHR8	21430060	CHR8:21430060	SSF x LoA	-10,2175496	-0,061	0,308
CHR8	21430063	CHR8:21430063	SSF x LoA	-9,6031249	-0,139	0,294
CHR8	21431731	CHR8:21431731	SSF x LoA	-7,3094342	-0,033	0,310
CHR8	21431740	CHR8:21431740	SSF x LoA	-7,63048029	0,036	0,305
CHR8	21431752	CHR8:21431752	SSF x LoA	-7,08257704	0,052	0,318
CHR8	21431755	CHR8:21431755	SSF x LoA	-7,07313752	-0,061	0,305
CHR8	21431766	CHR8:21431766	SSF x LoA	0,94385951	0,081	0,308
CHR8	21432603	CHR8:21432603	SSF x LoA	-9,73316793	-0,030	0,306
CHR8	21432637	CHR8:21432637	SSF x LoA	-6,5485039	-0,132	0,296
CHR8	21432638	CHR8:21432638	SSF x LoA	-11,1291518	-0,003	0,304
CHR8	21436027	CHR8:21436027	SSF x LoA	-5,25898732	-0,054	0,305
CHR8	21436037	CHR8:21436037	SSF x LoA	-9,14058799	-0,027	0,313
CHR8	21436073	CHR8:21436073	SSF x LoA	-8,18748719	-0,086	0,304
CHR8	21436081	CHR8:21436081	SSF x LoA	-8,65527242	-0,047	0,319
CHR8	21440861	CHR8:21440861	SSF x LoA	-9,4819092	-0,037	0,301
CHR8	21444181	CHR8:21444181	SSF x LoA	-7,36019391	-0,046	0,320
CHR8	21445126	CHR8:21445126	SSF x LoA	-8,30722864	-0,047	0,319
CHR8	21445142	CHR8:21445142	SSF x LoA	-10,7582291	-0,018	0,287
CHR8	21445202	CHR8:21445202	SSF x LoA	-9,89611269	0,043	0,296
CHR8	21445304	CHR8:21445304	SSF x LoA	-9,95353262	-0,013	0,308
CHR8	21447994	CHR8:21447994	SSF x LoA	-10,9913125	0,024	0,305
CHR8	21447996	CHR8:21447996	SSF x LoA	-9,78718788	0,063	0,309
CHR8	21448108	CHR8:21448108	SSF x LoA	-9,53758846	-0,138	0,298
CHR8	21448109	CHR8:21448109	SSF x LoA	-9,15485881	-0,165	0,290
CHR8	21448125	CHR8:21448125	SSF x LoA	-11,2229329	0,087	0,302

CHR8	21448137	CHR8:21448137	SSF x LoA	-9,61672419	0,060	0,297
CHR8	21448138	CHR8:21448138	SSF x LoA	-8,24622596	0,046	0,301
CHR8	21448216	CHR8:21448216	SSF x LoA	-10,1140278	-0,059	0,303
CHR8	21455126	CHR8:21455126	SSF x LoA	-1,31467732	-0,235	0,294
CHR8	21455133	CHR8:21455133	SSF x LoA	-7,32447349	-0,159	0,291
CHR8	21455195	CHR8:21455195	SSF x LoA	-9,53274286	-0,106	0,306
CHR8	21455241	CHR8:21455241	SSF x LoA	-11,574178	0,050	0,293
CHR8	21455243	CHR8:21455243	SSF x LoA	-10,5627007	-0,006	0,305
CHR8	2146696	CHR8:2146696	SSF x LoA	-10,9804043	0,074	0,313
CHR8	2146775	CHR8:2146775	SSF x LoA	-9,31563035	0,020	0,323
CHR8	21470852	CHR8:21470852	SSF x LoA	-8,93852153	-0,019	0,319
CHR8	21470976	CHR8:21470976	SSF x LoA	-10,7066779	0,034	0,308
CHR8	2148103	CHR8:2148103	SSF x LoA	-3,31955717	-0,116	0,310
CHR8	2148119	CHR8:2148119	SSF x LoA	-8,15521649	-0,110	0,300
CHR8	21483246	CHR8:21483246	SSF x LoA	-9,53181097	0,028	0,303
CHR8	21488262	CHR8:21488262	SSF x LoA	-10,4879638	-0,084	0,304
CHR8	21488447	CHR8:21488447	SSF x LoA	-10,2737262	-0,144	0,302
CHR8	21506685	CHR8:21506685	SSF x LoA	-9,94630231	-0,054	0,309
CHR8	21525258	CHR8:21525258	SSF x LoA	-8,94430506	-0,141	0,278
CHR8	21525307	CHR8:21525307	SSF x LoA	-6,92221199	0,075	0,327
CHR8	21548625	CHR8:21548625	SSF x LoA	-11,3874025	-0,039	0,300
CHR8	21548684	CHR8:21548684	SSF x LoA	-7,86150947	-0,053	0,314
CHR8	21548744	CHR8:21548744	SSF x LoA	-6,91639332	0,057	0,325
CHR8	21578447	CHR8:21578447	SSF x LoA	-6,82294009	0,106	0,312
CHR8	21591666	CHR8:21591666	SSF x LoA	-12,6175493	0,018	0,292
CHR8	21591734	CHR8:21591734	SSF x LoA	-8,73777705	-0,006	0,324
CHR8	21591805	CHR8:21591805	SSF x LoA	-5,6254157	0,022	0,308
CHR8	21591864	CHR8:21591864	SSF x LoA	-9,95397106	0,020	0,302
CHR8	21591889	CHR8:21591889	SSF x LoA	-8,56847603	0,016	0,312
CHR8	21591894	CHR8:21591894	SSF x LoA	-7,9602906	0,033	0,313
CHR8	21602932	CHR8:21602932	SSF x LoA	-9,90253929	0,064	0,315
CHR8	21602971	CHR8:21602971	SSF x LoA	-7,95324529	-0,070	0,302
CHR8	21603000	CHR8:21603000	SSF x LoA	-7,76878774	-0,014	0,315
CHR8	21603038	CHR8:21603038	SSF x LoA	-9,66654038	-0,017	0,311
CHR8	21603091	CHR8:21603091	SSF x LoA	-6,2340988	-0,037	0,303
CHR8	21603112	CHR8:21603112	SSF x LoA	-8,55085166	0,052	0,304
CHR8	21603163	CHR8:21603163	SSF x LoA	-10,7452103	0,055	0,314
CHR8	21608666	CHR8:21608666	SSF x LoA	-8,61064748	-0,081	0,308
CHR8	21608668	CHR8:21608668	SSF x LoA	-9,09377683	-0,095	0,301
CHR8	21608827	CHR8:21608827	SSF x LoA	-10,9455928	0,009	0,307
CHR8	21608855	CHR8:21608855	SSF x LoA	-8,82150856	-0,034	0,290
CHR8	21608872	CHR8:21608872	SSF x LoA	-8,15560046	-0,025	0,312
CHR8	21608971	CHR8:21608971	SSF x LoA	-8,50941212	0,003	0,319
CHR8	21614542	CHR8:21614542	SSF x LoA	-10,1747494	-0,047	0,313
CHR8	21614639	CHR8:21614639	SSF x LoA	-10,4980855	-0,016	0,311
CHR8	21614794	CHR8:21614794	SSF x LoA	-7,88789597	-0,094	0,299
CHR8	21616069	CHR8:21616069	SSF x LoA	-7,83337236	-0,090	0,300
CHR8	21616086	CHR8:21616086	SSF x LoA	-9,13804511	-0,079	0,300
CHR8	21616097	CHR8:21616097	SSF x LoA	-11,3131844	0,025	0,306
CHR8	21616100	CHR8:21616100	SSF x LoA	-7,32651837	0,045	0,290
CHR8	21616147	CHR8:21616147	SSF x LoA	-9,17273473	-0,112	0,311
CHR8	21616153	CHR8:21616153	SSF x LoA	-8,03256091	-0,014	0,317
CHR8	21616166	CHR8:21616166	SSF x LoA	-10,5229528	-0,068	0,289

CHR8	21616172	CHR8:21616172	SSF x LoA	-9,10812715	-0,119	0,296
CHR8	2162194	CHR8:2162194	SSF x LoA	-11,2775619	0,082	0,307
CHR8	2162213	CHR8:2162213	SSF x LoA	-10,4952277	-0,026	0,319
CHR8	21624499	CHR8:21624499	SSF x LoA	-5,29673577	-0,050	0,312
CHR8	21624506	CHR8:21624506	SSF x LoA	-8,1244164	-0,071	0,317
CHR8	21624746	CHR8:21624746	SSF x LoA	-11,3173865	-0,067	0,304
CHR8	21624848	CHR8:21624848	SSF x LoA	-4,68165812	0,211	0,285
CHR8	21624852	CHR8:21624852	SSF x LoA	-8,67671508	0,131	0,282
CHR8	21628489	CHR8:21628489	SSF x LoA	-7,12866685	0,022	0,329
CHR8	21634489	CHR8:21634489	SSF x LoA	-11,1118091	0,117	0,307
CHR8	21634875	CHR8:21634875	SSF x LoA	-9,70379336	-0,081	0,299
CHR8	21637062	CHR8:21637062	SSF x LoA	-7,1512419	-0,019	0,312
CHR8	216466	CHR8:216466	SSF x LoA	-9,10478834	0,095	0,313
CHR8	216472	CHR8:216472	SSF x LoA	-6,1106118	-0,132	0,305
CHR8	21652013	CHR8:21652013	SSF x LoA	-8,85271921	0,056	0,313
CHR8	21656444	CHR8:21656444	SSF x LoA	-8,17306555	0,096	0,304
CHR8	21656620	CHR8:21656620	SSF x LoA	-7,51827185	-0,119	0,306
CHR8	2165685	CHR8:2165685	SSF x LoA	-10,4144786	-0,046	0,308
CHR8	2165923	CHR8:2165923	SSF x LoA	-5,12642042	0,128	0,301
CHR8	21669029	CHR8:21669029	SSF x LoA	-5,89308942	-0,187	0,299
CHR8	21669047	CHR8:21669047	SSF x LoA	-8,50040007	-0,012	0,306
CHR8	21669834	CHR8:21669834	SSF x LoA	-10,6748199	0,036	0,307
CHR8	21669843	CHR8:21669843	SSF x LoA	-7,82621361	0,097	0,311
CHR8	21669850	CHR8:21669850	SSF x LoA	-7,48901366	0,091	0,321
CHR8	21669873	CHR8:21669873	SSF x LoA	-4,60242566	-0,085	0,302
CHR8	21669874	CHR8:21669874	SSF x LoA	-1,99562757	-0,147	0,311
CHR8	21675535	CHR8:21675535	SSF x LoA	-9,10489928	0,024	0,307
CHR8	21675608	CHR8:21675608	SSF x LoA	-9,44974419	0,105	0,304
CHR8	21675641	CHR8:21675641	SSF x LoA	-10,0716264	0,142	0,299
CHR8	21675653	CHR8:21675653	SSF x LoA	-9,06528779	0,075	0,288
CHR8	21675660	CHR8:21675660	SSF x LoA	-8,62291507	0,054	0,283
CHR8	21675718	CHR8:21675718	SSF x LoA	-8,6822423	0,033	0,319
CHR8	21675723	CHR8:21675723	SSF x LoA	-6,00058929	-0,089	0,301
CHR8	21675735	CHR8:21675735	SSF x LoA	-8,91794119	-0,053	0,307
CHR8	21675738	CHR8:21675738	SSF x LoA	-4,87863771	-0,011	0,307
CHR8	21675740	CHR8:21675740	SSF x LoA	-9,0350545	-0,016	0,298
CHR8	21677071	CHR8:21677071	SSF x LoA	-10,0447894	-0,091	0,292
CHR8	21677098	CHR8:21677098	SSF x LoA	-11,0238649	0,024	0,287
CHR8	21677236	CHR8:21677236	SSF x LoA	-6,95254898	-0,032	0,302
CHR8	21677284	CHR8:21677284	SSF x LoA	-7,61428254	-0,053	0,311
CHR8	21677287	CHR8:21677287	SSF x LoA	-8,86196714	0,003	0,301
CHR8	21680522	CHR8:21680522	SSF x LoA	-11,3202642	-0,021	0,300
CHR8	21680526	CHR8:21680526	SSF x LoA	-8,45673962	-0,033	0,314
CHR8	21680543	CHR8:21680543	SSF x LoA	-10,8973179	-0,041	0,319
CHR8	21680556	CHR8:21680556	SSF x LoA	-11,4319833	-0,045	0,301
CHR8	21680574	CHR8:21680574	SSF x LoA	-8,34177422	-0,024	0,314
CHR8	21680608	CHR8:21680608	SSF x LoA	-9,87294983	0,150	0,307
CHR8	21680614	CHR8:21680614	SSF x LoA	-10,3318324	-0,059	0,314
CHR8	21680655	CHR8:21680655	SSF x LoA	-7,99309302	0,092	0,308
CHR8	21680687	CHR8:21680687	SSF x LoA	-9,5071674	0,015	0,330
CHR8	21683750	CHR8:21683750	SSF x LoA	-8,96306922	0,044	0,306
CHR8	21683773	CHR8:21683773	SSF x LoA	-9,5035471	0,007	0,298
CHR8	21683794	CHR8:21683794	SSF x LoA	-9,80355365	-0,080	0,308

CHR8	21683836	CHR8:21683836	SSF x LoA	-9,94624582	-0,086	0,295
CHR8	21684685	CHR8:21684685	SSF x LoA	-10,5489797	0,109	0,306
CHR8	21699361	CHR8:21699361	SSF x LoA	-8,46660382	-0,018	0,315
CHR8	21699370	CHR8:21699370	SSF x LoA	-9,00986506	-0,042	0,307
CHR8	21699526	CHR8:21699526	SSF x LoA	-7,9663712	0,022	0,304
CHR8	21699551	CHR8:21699551	SSF x LoA	-9,90771408	-0,008	0,302
CHR8	2172716	CHR8:2172716	SSF x LoA	-11,3231511	-0,027	0,297
CHR8	21728475	CHR8:21728475	SSF x LoA	-7,18318297	0,011	0,308
CHR8	21728544	CHR8:21728544	SSF x LoA	-9,83425719	-0,019	0,303
CHR8	21728573	CHR8:21728573	SSF x LoA	-9,07658081	-0,115	0,296
CHR8	21728576	CHR8:21728576	SSF x LoA	-7,30566329	-0,072	0,308
CHR8	2172934	CHR8:2172934	SSF x LoA	-8,83293184	-0,115	0,297
CHR8	21734224	CHR8:21734224	SSF x LoA	-8,30569239	0,098	0,301
CHR8	21734306	CHR8:21734306	SSF x LoA	-8,06272712	0,082	0,312
CHR8	21734420	CHR8:21734420	SSF x LoA	-9,95219774	-0,095	0,301
CHR8	21734436	CHR8:21734436	SSF x LoA	-8,5394569	-0,069	0,303
CHR8	21734465	CHR8:21734465	SSF x LoA	-10,7425577	-0,109	0,310
CHR8	21734466	CHR8:21734466	SSF x LoA	-9,37520595	-0,099	0,301
CHR8	21745988	CHR8:21745988	SSF x LoA	-6,18824756	0,045	0,311
CHR8	21747646	CHR8:21747646	SSF x LoA	-11,3645834	0,028	0,305
CHR8	21747662	CHR8:21747662	SSF x LoA	-11,5960056	-0,042	0,311
CHR8	21747669	CHR8:21747669	SSF x LoA	-8,48897344	0,084	0,309
CHR8	21747673	CHR8:21747673	SSF x LoA	-5,05153988	0,108	0,301
CHR8	21748810	CHR8:21748810	SSF x LoA	-9,00143032	0,014	0,316
CHR8	21751262	CHR8:21751262	SSF x LoA	-9,28989566	-0,008	0,312
CHR8	21751315	CHR8:21751315	SSF x LoA	-9,72830401	0,108	0,309
CHR8	21754133	CHR8:21754133	SSF x LoA	6,28700484	0,056	0,297
CHR8	21754162	CHR8:21754162	SSF x LoA	-6,69390962	0,005	0,271
CHR8	21754165	CHR8:21754165	SSF x LoA	-5,81133256	0,014	0,290
CHR8	21762974	CHR8:21762974	SSF x LoA	-8,25766945	-0,087	0,308
CHR8	21769985	CHR8:21769985	SSF x LoA	-7,74195661	-0,155	0,291
CHR8	21770045	CHR8:21770045	SSF x LoA	-10,1998841	-0,140	0,292
CHR8	21770049	CHR8:21770049	SSF x LoA	-8,52797245	-0,022	0,313
CHR8	21770069	CHR8:21770069	SSF x LoA	-9,6668349	-0,159	0,293
CHR8	21775447	CHR8:21775447	SSF x LoA	-7,5609127	-0,003	0,311
CHR8	21775609	CHR8:21775609	SSF x LoA	-7,31432763	-0,145	0,307
CHR8	21775694	CHR8:21775694	SSF x LoA	-10,9107814	0,021	0,297
CHR8	21775700	CHR8:21775700	SSF x LoA	-10,8670061	-0,054	0,303
CHR8	217807	CHR8:217807	SSF x LoA	-11,1385958	-0,024	0,305
CHR8	21782737	CHR8:21782737	SSF x LoA	-10,3553148	-0,013	0,308
CHR8	21782761	CHR8:21782761	SSF x LoA	-8,76006798	-0,078	0,298
CHR8	21801666	CHR8:21801666	SSF x LoA	-9,43496972	0,009	0,313
CHR8	21801670	CHR8:21801670	SSF x LoA	-9,89247049	0,041	0,302
CHR8	21801671	CHR8:21801671	SSF x LoA	-9,50917155	0,017	0,305
CHR8	21801673	CHR8:21801673	SSF x LoA	-7,40471017	0,144	0,310
CHR8	21801686	CHR8:21801686	SSF x LoA	-10,1600845	0,049	0,305
CHR8	21801700	CHR8:21801700	SSF x LoA	-9,25518883	0,056	0,308
CHR8	21802619	CHR8:21802619	SSF x LoA	-7,91483393	-0,022	0,320
CHR8	21802683	CHR8:21802683	SSF x LoA	-9,50604978	-0,079	0,302
CHR8	21802718	CHR8:21802718	SSF x LoA	-11,611526	-0,087	0,296
CHR8	21810324	CHR8:21810324	SSF x LoA	-9,66501372	0,050	0,306
CHR8	21810350	CHR8:21810350	SSF x LoA	-10,9103295	0,080	0,275
CHR8	21810763	CHR8:21810763	SSF x LoA	-5,33768757	0,172	0,295

CHR8	21816184	CHR8:21816184	SSF x LoA	-11,1825988	-0,001	0,310
CHR8	21823283	CHR8:21823283	SSF x LoA	-7,68973362	0,106	0,324
CHR8	21823291	CHR8:21823291	SSF x LoA	-9,16049348	0,097	0,308
CHR8	21823326	CHR8:21823326	SSF x LoA	-9,22966182	0,055	0,314
CHR8	21827393	CHR8:21827393	SSF x LoA	-7,68814696	-0,125	0,313
CHR8	21827434	CHR8:21827434	SSF x LoA	-9,09583093	-0,089	0,305
CHR8	2182746	CHR8:2182746	SSF x LoA	-9,51520663	-0,056	0,306
CHR8	21827503	CHR8:21827503	SSF x LoA	-6,61385707	0,041	0,300
CHR8	2182799	CHR8:2182799	SSF x LoA	-8,87942237	-0,012	0,288
CHR8	2182830	CHR8:2182830	SSF x LoA	-10,7973771	-0,016	0,301
CHR8	2182837	CHR8:2182837	SSF x LoA	-8,88698859	-0,016	0,303
CHR8	2182900	CHR8:2182900	SSF x LoA	-9,12397615	0,059	0,313
CHR8	2182997	CHR8:2182997	SSF x LoA	-10,2499638	0,048	0,301
CHR8	21831613	CHR8:21831613	SSF x LoA	-10,1244516	0,042	0,300
CHR8	21835583	CHR8:21835583	SSF x LoA	-9,35502688	0,149	0,295
CHR8	21835667	CHR8:21835667	SSF x LoA	-8,98251098	-0,014	0,299
CHR8	21843477	CHR8:21843477	SSF x LoA	-9,28211927	0,050	0,295
CHR8	21843562	CHR8:21843562	SSF x LoA	-5,95022175	0,108	0,315
CHR8	21843711	CHR8:21843711	SSF x LoA	-7,36346229	-0,108	0,302
CHR8	21855389	CHR8:21855389	SSF x LoA	-11,2158162	0,013	0,315
CHR8	21855404	CHR8:21855404	SSF x LoA	-10,0451757	-0,023	0,308
CHR8	21864686	CHR8:21864686	SSF x LoA	-8,5723305	0,061	0,311
CHR8	21864699	CHR8:21864699	SSF x LoA	-9,44793776	0,033	0,308
CHR8	21864739	CHR8:21864739	SSF x LoA	-10,6416303	0,055	0,314
CHR8	21864744	CHR8:21864744	SSF x LoA	-10,166425	0,044	0,322
CHR8	21864756	CHR8:21864756	SSF x LoA	-7,02679502	0,010	0,309
CHR8	21864839	CHR8:21864839	SSF x LoA	-11,00425	0,031	0,303
CHR8	21864851	CHR8:21864851	SSF x LoA	-8,59992401	-0,030	0,310
CHR8	21866835	CHR8:21866835	SSF x LoA	-10,9161109	-0,016	0,305
CHR8	21866945	CHR8:21866945	SSF x LoA	-9,63289569	0,069	0,302
CHR8	21867584	CHR8:21867584	SSF x LoA	-7,18037588	-0,097	0,328
CHR8	21876029	CHR8:21876029	SSF x LoA	-9,31568553	0,072	0,311
CHR8	21885469	CHR8:21885469	SSF x LoA	-9,85377888	0,063	0,296
CHR8	2189106	CHR8:2189106	SSF x LoA	-10,7480357	-0,033	0,300
CHR8	2189113	CHR8:2189113	SSF x LoA	-10,756009	0,075	0,311
CHR8	2189186	CHR8:2189186	SSF x LoA	-10,3391407	0,037	0,311
CHR8	21892161	CHR8:21892161	SSF x LoA	-7,55297389	-0,097	0,295
CHR8	21892288	CHR8:21892288	SSF x LoA	-8,10740734	0,048	0,307
CHR8	21922354	CHR8:21922354	SSF x LoA	-7,47704383	0,048	0,318
CHR8	21922374	CHR8:21922374	SSF x LoA	-7,37287623	0,017	0,314
CHR8	21922409	CHR8:21922409	SSF x LoA	-7,65049472	0,104	0,310
CHR8	21922437	CHR8:21922437	SSF x LoA	-8,54607968	-0,048	0,302
CHR8	21922619	CHR8:21922619	SSF x LoA	-8,75854561	0,022	0,304
CHR8	21922630	CHR8:21922630	SSF x LoA	-8,17217858	-0,054	0,310
CHR8	21926867	CHR8:21926867	SSF x LoA	-10,3024975	0,012	0,314
CHR8	21926934	CHR8:21926934	SSF x LoA	-11,0650126	0,006	0,296
CHR8	21926965	CHR8:21926965	SSF x LoA	-11,1957311	-0,024	0,311
CHR8	21927100	CHR8:21927100	SSF x LoA	-9,38222592	-0,018	0,296
CHR8	21927104	CHR8:21927104	SSF x LoA	-8,46636438	-0,139	0,303
CHR8	21927109	CHR8:21927109	SSF x LoA	-11,3517762	-0,057	0,300
CHR8	21927113	CHR8:21927113	SSF x LoA	-8,49218182	-0,135	0,314
CHR8	21937151	CHR8:21937151	SSF x LoA	-9,43895667	0,032	0,297
CHR8	21942971	CHR8:21942971	SSF x LoA	-8,5961741	0,040	0,316

CHR8	21949250	CHR8:21949250	SSF x LoA	-6,35639825	0,059	0,301
CHR8	21956465	CHR8:21956465	SSF x LoA	-9,09161153	-0,015	0,314
CHR8	21956639	CHR8:21956639	SSF x LoA	-8,26670829	0,090	0,306
CHR8	21956646	CHR8:21956646	SSF x LoA	-9,84532083	0,005	0,310
CHR8	21962555	CHR8:21962555	SSF x LoA	-9,50791006	-0,014	0,317
CHR8	2196294	CHR8:2196294	SSF x LoA	-8,60886285	-0,015	0,324
CHR8	2196304	CHR8:2196304	SSF x LoA	-9,23503139	-0,036	0,286
CHR8	2196331	CHR8:2196331	SSF x LoA	-11,3461194	-0,009	0,309
CHR8	2196349	CHR8:2196349	SSF x LoA	-11,1683087	0,057	0,293
CHR8	21970303	CHR8:21970303	SSF x LoA	-6,70955733	-0,078	0,296
CHR8	21990716	CHR8:21990716	SSF x LoA	-7,09896669	-0,192	0,304
CHR8	21990784	CHR8:21990784	SSF x LoA	-11,0530899	-0,025	0,305
CHR8	21990787	CHR8:21990787	SSF x LoA	-9,77697095	-0,071	0,295
CHR8	21990828	CHR8:21990828	SSF x LoA	-10,554747	0,039	0,309
CHR8	21992797	CHR8:21992797	SSF x LoA	-9,33796391	-0,146	0,292
CHR8	21997549	CHR8:21997549	SSF x LoA	-9,50502324	-0,019	0,321
CHR8	22002800	CHR8:22002800	SSF x LoA	-4,89063784	0,209	0,297
CHR8	22008851	CHR8:22008851	SSF x LoA	-10,091447	-0,012	0,303
CHR8	22008888	CHR8:22008888	SSF x LoA	-9,11340005	-0,027	0,298
CHR8	22008908	CHR8:22008908	SSF x LoA	-11,3914915	0,064	0,299
CHR8	22008975	CHR8:22008975	SSF x LoA	-9,48734719	0,081	0,307
CHR8	22009012	CHR8:22009012	SSF x LoA	-7,15555792	-0,133	0,325
CHR8	22009058	CHR8:22009058	SSF x LoA	-7,16224425	0,124	0,293
CHR8	22009061	CHR8:22009061	SSF x LoA	-9,05978849	-0,053	0,292
CHR8	22013803	CHR8:22013803	SSF x LoA	-8,46641655	-0,035	0,314
CHR8	22013814	CHR8:22013814	SSF x LoA	-5,62944869	0,159	0,290
CHR8	22013909	CHR8:22013909	SSF x LoA	-8,78255287	0,123	0,303
CHR8	22015870	CHR8:22015870	SSF x LoA	-11,705257	0,010	0,300
CHR8	22015918	CHR8:22015918	SSF x LoA	-10,4072039	0,013	0,300
CHR8	22017810	CHR8:22017810	SSF x LoA	-10,8862433	-0,030	0,317
CHR8	22022322	CHR8:22022322	SSF x LoA	-11,8317684	-0,018	0,295
CHR8	22022410	CHR8:22022410	SSF x LoA	-8,21481445	0,097	0,296
CHR8	22022469	CHR8:22022469	SSF x LoA	-11,2507053	-0,052	0,303
CHR8	22022515	CHR8:22022515	SSF x LoA	-10,4879074	-0,013	0,308
CHR8	22022557	CHR8:22022557	SSF x LoA	-6,17442543	0,165	0,302
CHR8	22033650	CHR8:22033650	SSF x LoA	-8,91618695	0,062	0,301
CHR8	22033802	CHR8:22033802	SSF x LoA	-7,1407016	-0,129	0,297
CHR8	22033808	CHR8:22033808	SSF x LoA	-9,59971136	0,071	0,304
CHR8	22033839	CHR8:22033839	SSF x LoA	-9,56923661	0,006	0,313
CHR8	22036769	CHR8:22036769	SSF x LoA	-9,03980896	0,049	0,298
CHR8	22039692	CHR8:22039692	SSF x LoA	-11,6049463	0,039	0,310
CHR8	22039707	CHR8:22039707	SSF x LoA	-0,80883753	0,149	0,305
CHR8	22045591	CHR8:22045591	SSF x LoA	-9,19277102	-0,058	0,303
CHR8	22046042	CHR8:22046042	SSF x LoA	-10,9014788	-0,032	0,285
CHR8	22046048	CHR8:22046048	SSF x LoA	-9,04505023	-0,050	0,302
CHR8	22047515	CHR8:22047515	SSF x LoA	-7,86218671	0,159	0,287
CHR8	22047532	CHR8:22047532	SSF x LoA	-9,99349285	0,058	0,304
CHR8	22047536	CHR8:22047536	SSF x LoA	-9,37924516	-0,116	0,304
CHR8	22047608	CHR8:22047608	SSF x LoA	-6,90228832	0,162	0,311
CHR8	22047614	CHR8:22047614	SSF x LoA	-11,2621133	-0,032	0,312
CHR8	22047679	CHR8:22047679	SSF x LoA	-6,65997798	0,154	0,304
CHR8	22047725	CHR8:22047725	SSF x LoA	-7,6720431	-0,201	0,288
CHR8	22057711	CHR8:22057711	SSF x LoA	-9,12507311	-0,024	0,316

CHR8	22057717	CHR8:22057717	SSF x LoA	-9,99321483	0,050	0,314
CHR8	22057721	CHR8:22057721	SSF x LoA	-4,34012226	-0,020	0,316
CHR8	22057764	CHR8:22057764	SSF x LoA	-9,0783036	-0,001	0,311
CHR8	22057799	CHR8:22057799	SSF x LoA	-10,3939373	0,062	0,302
CHR8	22057854	CHR8:22057854	SSF x LoA	-10,6143883	-0,031	0,293
CHR8	22057857	CHR8:22057857	SSF x LoA	-9,39290929	-0,018	0,310
CHR8	22057898	CHR8:22057898	SSF x LoA	-10,0954194	-0,013	0,303
CHR8	22061147	CHR8:22061147	SSF x LoA	-11,0766887	-0,025	0,325
CHR8	22061444	CHR8:22061444	SSF x LoA	-9,02488184	0,011	0,308
CHR8	22064486	CHR8:22064486	SSF x LoA	-9,35572384	0,062	0,295
CHR8	22064543	CHR8:22064543	SSF x LoA	-9,2793178	-0,007	0,313
CHR8	22064677	CHR8:22064677	SSF x LoA	-11,8444105	-0,007	0,314
CHR8	22064698	CHR8:22064698	SSF x LoA	-11,3778201	0,057	0,315
CHR8	22066838	CHR8:22066838	SSF x LoA	-10,5141197	0,005	0,300
CHR8	22066916	CHR8:22066916	SSF x LoA	-10,4962918	-0,010	0,302
CHR8	22069977	CHR8:22069977	SSF x LoA	-10,2964257	0,060	0,296
CHR8	22070019	CHR8:22070019	SSF x LoA	-10,5534491	0,039	0,303
CHR8	22070062	CHR8:22070062	SSF x LoA	-8,01732267	-0,075	0,300
CHR8	22070074	CHR8:22070074	SSF x LoA	-11,4110331	-0,021	0,293
CHR8	22070103	CHR8:22070103	SSF x LoA	-8,02452031	0,139	0,313
CHR8	22070105	CHR8:22070105	SSF x LoA	-10,7698709	0,060	0,304
CHR8	22070804	CHR8:22070804	SSF x LoA	-7,06311024	-0,076	0,319
CHR8	22073152	CHR8:22073152	SSF x LoA	-5,52274721	-0,007	0,320
CHR8	22074177	CHR8:22074177	SSF x LoA	-10,5703257	0,061	0,295
CHR8	22074191	CHR8:22074191	SSF x LoA	-5,65061782	0,029	0,297
CHR8	22074238	CHR8:22074238	SSF x LoA	-10,1884372	0,067	0,302
CHR8	22082798	CHR8:22082798	SSF x LoA	-10,1314687	0,001	0,299
CHR8	22083002	CHR8:22083002	SSF x LoA	-8,86487563	-0,059	0,295
CHR8	22083096	CHR8:22083096	SSF x LoA	-9,95569232	0,035	0,317
CHR8	22083114	CHR8:22083114	SSF x LoA	-8,10725684	-0,024	0,311
CHR8	2208800	CHR8:2208800	SSF x LoA	-10,1978983	-0,120	0,302
CHR8	2208849	CHR8:2208849	SSF x LoA	-9,59361768	0,111	0,314
CHR8	2210517	CHR8:2210517	SSF x LoA	-10,5061314	0,048	0,303
CHR8	22105710	CHR8:22105710	SSF x LoA	-8,03276627	0,054	0,311
CHR8	22105766	CHR8:22105766	SSF x LoA	-10,1199112	0,041	0,306
CHR8	22105874	CHR8:22105874	SSF x LoA	-7,56969157	-0,036	0,322
CHR8	22105898	CHR8:22105898	SSF x LoA	-9,68329678	0,004	0,311
CHR8	22105903	CHR8:22105903	SSF x LoA	-9,88506597	0,016	0,312
CHR8	22108041	CHR8:22108041	SSF x LoA	-8,40288826	0,064	0,289
CHR8	22108102	CHR8:22108102	SSF x LoA	-2,79249835	0,150	0,299
CHR8	22108118	CHR8:22108118	SSF x LoA	-8,33384391	0,077	0,304
CHR8	22112109	CHR8:22112109	SSF x LoA	-10,3622222	-0,023	0,303
CHR8	22112188	CHR8:22112188	SSF x LoA	-5,1708174	-0,188	0,297
CHR8	22112252	CHR8:22112252	SSF x LoA	-6,74473918	0,114	0,318
CHR8	22113229	CHR8:22113229	SSF x LoA	-9,26878396	0,033	0,301
CHR8	22113236	CHR8:22113236	SSF x LoA	-11,5144407	-0,044	0,295
CHR8	22113251	CHR8:22113251	SSF x LoA	-5,41077642	0,085	0,304
CHR8	22113255	CHR8:22113255	SSF x LoA	-9,15222799	0,097	0,293
CHR8	22113262	CHR8:22113262	SSF x LoA	-10,8437242	0,083	0,293
CHR8	22113270	CHR8:22113270	SSF x LoA	-8,5078613	-0,015	0,309
CHR8	22113311	CHR8:22113311	SSF x LoA	-9,31283324	0,051	0,297
CHR8	22113318	CHR8:22113318	SSF x LoA	-4,2081011	0,095	0,291
CHR8	2211485	CHR8:2211485	SSF x LoA	-10,0827945	0,083	0,310

CHR8	2211516	CHR8:2211516	SSF x LoA	-10,3093077	0,019	0,306
CHR8	22115704	CHR8:22115704	SSF x LoA	-6,37818247	0,087	0,310
CHR8	2211693	CHR8:2211693	SSF x LoA	-10,6567697	0,016	0,314
CHR8	22123230	CHR8:22123230	SSF x LoA	-8,86699075	-0,059	0,307
CHR8	22130153	CHR8:22130153	SSF x LoA	-8,05386783	-0,126	0,307
CHR8	22130187	CHR8:22130187	SSF x LoA	-10,7067905	0,030	0,312
CHR8	22130188	CHR8:22130188	SSF x LoA	-8,62921992	-0,084	0,298
CHR8	22134867	CHR8:22134867	SSF x LoA	-10,7047663	0,024	0,307
CHR8	22134868	CHR8:22134868	SSF x LoA	-10,8046616	-0,026	0,301
CHR8	22134886	CHR8:22134886	SSF x LoA	-8,66136878	-0,029	0,323
CHR8	22134895	CHR8:22134895	SSF x LoA	-10,0751897	0,051	0,306
CHR8	22134936	CHR8:22134936	SSF x LoA	-8,96380479	0,037	0,308
CHR8	22134940	CHR8:22134940	SSF x LoA	-10,0877009	0,011	0,313
CHR8	22134964	CHR8:22134964	SSF x LoA	-8,22561182	-0,031	0,305
CHR8	2214010	CHR8:2214010	SSF x LoA	-7,63436221	0,021	0,335
CHR8	2214048	CHR8:2214048	SSF x LoA	-8,27770663	-0,029	0,323
CHR8	2214111	CHR8:2214111	SSF x LoA	-10,5037509	0,085	0,303
CHR8	22141152	CHR8:22141152	SSF x LoA	-6,94209659	-0,132	0,305
CHR8	22141179	CHR8:22141179	SSF x LoA	-7,68528556	-0,162	0,318
CHR8	22152991	CHR8:22152991	SSF x LoA	-11,147123	0,023	0,298
CHR8	22152992	CHR8:22152992	SSF x LoA	-9,1665416	-0,113	0,311
CHR8	22152995	CHR8:22152995	SSF x LoA	-8,379088	-0,017	0,306
CHR8	22153051	CHR8:22153051	SSF x LoA	-11,6455535	0,034	0,292
CHR8	22153058	CHR8:22153058	SSF x LoA	-11,4187992	0,007	0,309
CHR8	22153070	CHR8:22153070	SSF x LoA	-4,32970559	0,177	0,297
CHR8	22153074	CHR8:22153074	SSF x LoA	-6,21308378	-0,090	0,302
CHR8	22153080	CHR8:22153080	SSF x LoA	-9,73391614	-0,124	0,302
CHR8	22153147	CHR8:22153147	SSF x LoA	-7,47423982	0,016	0,311
CHR8	22153161	CHR8:22153161	SSF x LoA	-3,41893656	0,137	0,284
CHR8	22153172	CHR8:22153172	SSF x LoA	-9,47374288	0,027	0,295
CHR8	22155535	CHR8:22155535	SSF x LoA	-10,4998276	0,071	0,304
CHR8	22155660	CHR8:22155660	SSF x LoA	-9,36753664	0,018	0,309
CHR8	22155682	CHR8:22155682	SSF x LoA	-4,88732761	0,052	0,293
CHR8	2216186	CHR8:2216186	SSF x LoA	-11,162492	0,066	0,292
CHR8	22174212	CHR8:22174212	SSF x LoA	-8,57309023	0,132	0,293
CHR8	22175090	CHR8:22175090	SSF x LoA	-11,2060176	0,001	0,318
CHR8	22179937	CHR8:22179937	SSF x LoA	-9,09055348	-0,018	0,302
CHR8	22179996	CHR8:22179996	SSF x LoA	-8,88348623	-0,009	0,305
CHR8	22179998	CHR8:22179998	SSF x LoA	-7,35571414	-0,091	0,296
CHR8	22180013	CHR8:22180013	SSF x LoA	-9,57229463	-0,038	0,307
CHR8	22180074	CHR8:22180074	SSF x LoA	-6,62470943	0,147	0,300
CHR8	22180099	CHR8:22180099	SSF x LoA	-9,41522609	-0,128	0,291
CHR8	22180132	CHR8:22180132	SSF x LoA	-7,43025483	-0,066	0,305
CHR8	22182984	CHR8:22182984	SSF x LoA	-11,6221872	0,013	0,302
CHR8	22182989	CHR8:22182989	SSF x LoA	-9,14733154	0,092	0,301
CHR8	22201605	CHR8:22201605	SSF x LoA	-10,0476797	0,100	0,301
CHR8	22201873	CHR8:22201873	SSF x LoA	-9,60311032	-0,015	0,317
CHR8	22203851	CHR8:22203851	SSF x LoA	-7,32510256	0,129	0,309
CHR8	22203878	CHR8:22203878	SSF x LoA	-5,68288955	0,129	0,298
CHR8	22210907	CHR8:22210907	SSF x LoA	-7,7178063	0,144	0,322
CHR8	22213491	CHR8:22213491	SSF x LoA	-7,8444897	0,008	0,296
CHR8	22218107	CHR8:22218107	SSF x LoA	-7,23865157	0,006	0,306
CHR8	22218118	CHR8:22218118	SSF x LoA	-8,71750483	0,109	0,298

CHR8	22218132	CHR8:22218132	SSF x LoA	-9,20249709	0,103	0,304
CHR8	22219747	CHR8:22219747	SSF x LoA	-11,1993473	0,052	0,313
CHR8	22219765	CHR8:22219765	SSF x LoA	-10,1983202	0,039	0,324
CHR8	22219834	CHR8:22219834	SSF x LoA	-7,68330395	0,003	0,303
CHR8	22220275	CHR8:22220275	SSF x LoA	-8,56941888	-0,108	0,317
CHR8	22220290	CHR8:22220290	SSF x LoA	-8,46544011	0,054	0,314
CHR8	22220304	CHR8:22220304	SSF x LoA	-9,06565179	-0,046	0,305
CHR8	22220327	CHR8:22220327	SSF x LoA	-9,14910571	-0,018	0,317
CHR8	22220333	CHR8:22220333	SSF x LoA	-8,09175543	-0,172	0,305
CHR8	22220365	CHR8:22220365	SSF x LoA	-9,30636341	-0,063	0,314
CHR8	22223043	CHR8:22223043	SSF x LoA	-9,23057554	0,010	0,321
CHR8	22223133	CHR8:22223133	SSF x LoA	-10,7073184	-0,004	0,309
CHR8	22227063	CHR8:22227063	SSF x LoA	-11,9050853	-0,034	0,291
CHR8	22227237	CHR8:22227237	SSF x LoA	-9,43511028	0,002	0,295
CHR8	22240679	CHR8:22240679	SSF x LoA	-8,53525913	0,033	0,305
CHR8	22240691	CHR8:22240691	SSF x LoA	-9,65554688	-0,031	0,308
CHR8	22240758	CHR8:22240758	SSF x LoA	-7,86094569	0,100	0,309
CHR8	22240785	CHR8:22240785	SSF x LoA	-8,77637689	0,062	0,312
CHR8	22240854	CHR8:22240854	SSF x LoA	-10,6935729	0,018	0,295
CHR8	2224371	CHR8:2224371	SSF x LoA	-9,16487219	-0,042	0,302
CHR8	2224398	CHR8:2224398	SSF x LoA	-6,50163436	-0,107	0,308
CHR8	2224489	CHR8:2224489	SSF x LoA	-9,47902341	-0,008	0,307
CHR8	22246301	CHR8:22246301	SSF x LoA	-11,1088937	0,009	0,305
CHR8	22246302	CHR8:22246302	SSF x LoA	-9,67400813	-0,031	0,297
CHR8	22246339	CHR8:22246339	SSF x LoA	-8,77799418	0,075	0,303
CHR8	22246382	CHR8:22246382	SSF x LoA	-10,4715348	0,075	0,318
CHR8	22246398	CHR8:22246398	SSF x LoA	-9,68635673	-0,051	0,305
CHR8	22246419	CHR8:22246419	SSF x LoA	-8,03175716	-0,014	0,302
CHR8	22280027	CHR8:22280027	SSF x LoA	7,74033041	-0,117	0,313
CHR8	22282745	CHR8:22282745	SSF x LoA	-9,75331613	0,041	0,306
CHR8	22283923	CHR8:22283923	SSF x LoA	-10,4121691	-0,088	0,308
CHR8	22283999	CHR8:22283999	SSF x LoA	-7,75074617	-0,122	0,308
CHR8	22284037	CHR8:22284037	SSF x LoA	-9,25258023	0,124	0,304
CHR8	22287144	CHR8:22287144	SSF x LoA	-8,61785701	0,017	0,302
CHR8	22287149	CHR8:22287149	SSF x LoA	-10,777171	-0,053	0,309
CHR8	22287220	CHR8:22287220	SSF x LoA	-11,2352616	-0,059	0,310
CHR8	22287239	CHR8:22287239	SSF x LoA	-7,85658983	-0,060	0,317
CHR8	22287252	CHR8:22287252	SSF x LoA	-8,24087833	0,068	0,303
CHR8	22287259	CHR8:22287259	SSF x LoA	-7,58691773	0,046	0,320
CHR8	22287273	CHR8:22287273	SSF x LoA	-9,68360968	-0,063	0,303
CHR8	22288463	CHR8:22288463	SSF x LoA	-9,48198013	0,027	0,296
CHR8	22288496	CHR8:22288496	SSF x LoA	-8,6567139	0,118	0,298
CHR8	22288531	CHR8:22288531	SSF x LoA	-7,82166027	-0,143	0,306
CHR8	22288586	CHR8:22288586	SSF x LoA	-9,11702908	-0,185	0,297
CHR8	22289388	CHR8:22289388	SSF x LoA	-8,30099228	-0,063	0,308
CHR8	2229371	CHR8:2229371	SSF x LoA	-11,1634089	0,063	0,313
CHR8	2229446	CHR8:2229446	SSF x LoA	-12,393478	0,027	0,310
CHR8	22302257	CHR8:22302257	SSF x LoA	-10,9765658	-0,082	0,304
CHR8	22308164	CHR8:22308164	SSF x LoA	-7,02338221	0,065	0,298
CHR8	22308265	CHR8:22308265	SSF x LoA	-7,09030756	0,154	0,310
CHR8	22319623	CHR8:22319623	SSF x LoA	-7,78476065	-0,115	0,308
CHR8	22319700	CHR8:22319700	SSF x LoA	-4,72905402	-0,024	0,315
CHR8	22319706	CHR8:22319706	SSF x LoA	-8,22681736	-0,004	0,308

CHR8	22319830	CHR8:22319830	SSF x LoA	-6,71563491	-0,127	0,298
CHR8	22332108	CHR8:22332108	SSF x LoA	-10,1016172	0,046	0,310
CHR8	22332116	CHR8:22332116	SSF x LoA	6,06186623	0,021	0,324
CHR8	22332156	CHR8:22332156	SSF x LoA	-8,23929774	0,029	0,301
CHR8	22332261	CHR8:22332261	SSF x LoA	-9,73928313	-0,012	0,295
CHR8	22332342	CHR8:22332342	SSF x LoA	-3,94612158	-0,153	0,312
CHR8	22332445	CHR8:22332445	SSF x LoA	-7,76692183	-0,137	0,300
CHR8	22332450	CHR8:22332450	SSF x LoA	-3,16199394	-0,090	0,314
CHR8	22332552	CHR8:22332552	SSF x LoA	-9,23797213	0,099	0,311
CHR8	22336388	CHR8:22336388	SSF x LoA	-9,45388767	0,093	0,309
CHR8	22336400	CHR8:22336400	SSF x LoA	-7,04567493	0,000	0,299
CHR8	22338625	CHR8:22338625	SSF x LoA	-11,8487818	0,084	0,300
CHR8	22347896	CHR8:22347896	SSF x LoA	-8,72872015	0,001	0,309
CHR8	22347903	CHR8:22347903	SSF x LoA	-8,70383484	0,071	0,315
CHR8	22350723	CHR8:22350723	SSF x LoA	-7,34943938	0,182	0,285
CHR8	22350761	CHR8:22350761	SSF x LoA	-9,61298747	0,003	0,307
CHR8	22350803	CHR8:22350803	SSF x LoA	-7,58179938	-0,175	0,280
CHR8	22365346	CHR8:22365346	SSF x LoA	-9,46891643	-0,012	0,314
CHR8	22365440	CHR8:22365440	SSF x LoA	-8,44040135	0,040	0,300
CHR8	22365445	CHR8:22365445	SSF x LoA	-8,49731934	0,031	0,294
CHR8	22365532	CHR8:22365532	SSF x LoA	-9,07129096	0,082	0,316
CHR8	22370708	CHR8:22370708	SSF x LoA	-11,8639796	-0,006	0,296
CHR8	22370726	CHR8:22370726	SSF x LoA	-6,08518232	0,128	0,309
CHR8	22372277	CHR8:22372277	SSF x LoA	-11,2662312	0,026	0,314
CHR8	22372338	CHR8:22372338	SSF x LoA	-8,76050231	-0,030	0,305
CHR8	22375756	CHR8:22375756	SSF x LoA	-7,82471044	-0,116	0,304
CHR8	22386076	CHR8:22386076	SSF x LoA	-8,67035263	-0,103	0,302
CHR8	22387430	CHR8:22387430	SSF x LoA	-11,2199618	0,067	0,317
CHR8	22387534	CHR8:22387534	SSF x LoA	0,5001351	0,175	0,303
CHR8	22389132	CHR8:22389132	SSF x LoA	-10,2773766	-0,089	0,292
CHR8	22389181	CHR8:22389181	SSF x LoA	-9,56772658	-0,078	0,303
CHR8	22389185	CHR8:22389185	SSF x LoA	-10,1186135	0,008	0,290
CHR8	22389224	CHR8:22389224	SSF x LoA	-0,53734807	0,232	0,297
CHR8	22389303	CHR8:22389303	SSF x LoA	-5,70620606	0,262	0,283
CHR8	22397388	CHR8:22397388	SSF x LoA	-8,35843711	0,147	0,291
CHR8	22402975	CHR8:22402975	SSF x LoA	-8,68573796	0,100	0,308
CHR8	22412993	CHR8:22412993	SSF x LoA	-9,31980943	0,107	0,316
CHR8	22416091	CHR8:22416091	SSF x LoA	-9,07132987	-0,089	0,298
CHR8	22427847	CHR8:22427847	SSF x LoA	-5,33029239	-0,181	0,293
CHR8	22429149	CHR8:22429149	SSF x LoA	-9,51809285	-0,074	0,307
CHR8	22436027	CHR8:22436027	SSF x LoA	-8,45498982	0,066	0,306
CHR8	22436038	CHR8:22436038	SSF x LoA	-10,5830912	0,085	0,298
CHR8	22436048	CHR8:22436048	SSF x LoA	-9,38610233	-0,056	0,299
CHR8	22436106	CHR8:22436106	SSF x LoA	-8,62302835	0,016	0,317
CHR8	22441600	CHR8:22441600	SSF x LoA	-10,9336807	-0,003	0,310
CHR8	22454117	CHR8:22454117	SSF x LoA	-11,1571187	0,049	0,291
CHR8	22454120	CHR8:22454120	SSF x LoA	-9,86114759	0,030	0,310
CHR8	22454140	CHR8:22454140	SSF x LoA	-10,3066416	-0,005	0,307
CHR8	22454154	CHR8:22454154	SSF x LoA	-10,2361396	-0,074	0,302
CHR8	22454263	CHR8:22454263	SSF x LoA	-6,77243535	0,191	0,297
CHR8	22467353	CHR8:22467353	SSF x LoA	-8,82226018	-0,113	0,310
CHR8	22467381	CHR8:22467381	SSF x LoA	-12,3350674	-0,064	0,289
CHR8	22467412	CHR8:22467412	SSF x LoA	-5,36784066	-0,180	0,297

CHR8	22467468	CHR8:22467468	SSF x LoA	-9,81714926	-0,056	0,289
CHR8	22468738	CHR8:22468738	SSF x LoA	-9,61878513	-0,130	0,312
CHR8	22468764	CHR8:22468764	SSF x LoA	-7,12969454	-0,083	0,308
CHR8	22468765	CHR8:22468765	SSF x LoA	-9,72192428	0,008	0,300
CHR8	22468766	CHR8:22468766	SSF x LoA	-9,93135995	-0,015	0,305
CHR8	22470115	CHR8:22470115	SSF x LoA	-7,14663816	0,056	0,309
CHR8	22470197	CHR8:22470197	SSF x LoA	-8,78742392	0,066	0,305
CHR8	22472675	CHR8:22472675	SSF x LoA	-10,2122057	0,119	0,301
CHR8	22472771	CHR8:22472771	SSF x LoA	-9,06639268	-0,027	0,306
CHR8	22480964	CHR8:22480964	SSF x LoA	-11,6433132	0,023	0,306
CHR8	22496856	CHR8:22496856	SSF x LoA	-9,79355199	0,085	0,295
CHR8	22496903	CHR8:22496903	SSF x LoA	-10,608931	0,020	0,309
CHR8	22500396	CHR8:22500396	SSF x LoA	-9,21787549	-0,042	0,301
CHR8	22500518	CHR8:22500518	SSF x LoA	-7,51964442	0,047	0,306
CHR8	22500521	CHR8:22500521	SSF x LoA	-9,63922812	-0,079	0,315
CHR8	22500526	CHR8:22500526	SSF x LoA	-10,8136463	-0,039	0,310
CHR8	22500585	CHR8:22500585	SSF x LoA	-9,88773077	-0,027	0,321
CHR8	22510087	CHR8:22510087	SSF x LoA	-6,41038163	-0,079	0,294
CHR8	22510122	CHR8:22510122	SSF x LoA	-8,85593818	-0,088	0,312
CHR8	22541167	CHR8:22541167	SSF x LoA	-9,54248013	0,038	0,298
CHR8	22541229	CHR8:22541229	SSF x LoA	-6,04234032	-0,109	0,314
CHR8	2255447	CHR8:2255447	SSF x LoA	-10,0543483	0,037	0,297
CHR8	22554878	CHR8:22554878	SSF x LoA	-8,70198513	0,073	0,312
CHR8	22555019	CHR8:22555019	SSF x LoA	-10,0040105	-0,060	0,304
CHR8	22555109	CHR8:22555109	SSF x LoA	-10,2967563	-0,044	0,307
CHR8	22556649	CHR8:22556649	SSF x LoA	-4,88661759	0,126	0,293
CHR8	22570514	CHR8:22570514	SSF x LoA	-7,57039886	-0,012	0,303
CHR8	22570532	CHR8:22570532	SSF x LoA	-0,63083603	-0,102	0,308
CHR8	22570574	CHR8:22570574	SSF x LoA	-8,4991916	-0,030	0,308
CHR8	22570578	CHR8:22570578	SSF x LoA	-7,86807321	-0,129	0,305
CHR8	22570638	CHR8:22570638	SSF x LoA	-9,47231552	-0,077	0,316
CHR8	22572496	CHR8:22572496	SSF x LoA	-7,74566519	-0,001	0,316
CHR8	22573504	CHR8:22573504	SSF x LoA	-9,2610918	0,059	0,302
CHR8	22576879	CHR8:22576879	SSF x LoA	-7,94257737	-0,049	0,305
CHR8	2258042	CHR8:2258042	SSF x LoA	-9,98556724	0,024	0,315
CHR8	2258184	CHR8:2258184	SSF x LoA	-9,85460834	-0,069	0,303
CHR8	2258192	CHR8:2258192	SSF x LoA	-6,7054038	-0,049	0,312
CHR8	2258224	CHR8:2258224	SSF x LoA	-9,35577582	-0,007	0,301
CHR8	22600060	CHR8:22600060	SSF x LoA	-8,71126173	-0,071	0,312
CHR8	22600360	CHR8:22600360	SSF x LoA	-9,8631083	-0,071	0,318
CHR8	22603568	CHR8:22603568	SSF x LoA	-9,93350764	0,085	0,313
CHR8	22603587	CHR8:22603587	SSF x LoA	-8,41377131	-0,130	0,315
CHR8	22603821	CHR8:22603821	SSF x LoA	-9,43727993	-0,067	0,308
CHR8	22606283	CHR8:22606283	SSF x LoA	-12,579151	0,054	0,302
CHR8	22618287	CHR8:22618287	SSF x LoA	-8,83098214	-0,028	0,306
CHR8	22618327	CHR8:22618327	SSF x LoA	-10,6129457	0,045	0,303
CHR8	22655808	CHR8:22655808	SSF x LoA	-11,4123119	0,068	0,286
CHR8	22655928	CHR8:22655928	SSF x LoA	-9,30586008	0,153	0,298
CHR8	22656009	CHR8:22656009	SSF x LoA	-10,9933068	0,005	0,313
CHR8	22656019	CHR8:22656019	SSF x LoA	-10,7462918	-0,091	0,292
CHR8	22662746	CHR8:22662746	SSF x LoA	-11,3741646	0,059	0,303
CHR8	22663031	CHR8:22663031	SSF x LoA	-5,60574559	-0,020	0,318
CHR8	22668824	CHR8:22668824	SSF x LoA	-10,4056587	-0,104	0,300

CHR8	22674319	CHR8:22674319	SSF x LoA	-7,70638287	0,069	0,286
CHR8	22674361	CHR8:22674361	SSF x LoA	-7,97932195	0,063	0,300
CHR8	22674424	CHR8:22674424	SSF x LoA	-8,18891697	0,133	0,299
CHR8	22683786	CHR8:22683786	SSF x LoA	-9,12668008	-0,053	0,314
CHR8	22683872	CHR8:22683872	SSF x LoA	-5,62045164	0,114	0,300
CHR8	22683879	CHR8:22683879	SSF x LoA	-11,4398836	0,046	0,305
CHR8	22688615	CHR8:22688615	SSF x LoA	-9,43590006	0,053	0,311
CHR8	22688663	CHR8:22688663	SSF x LoA	-7,09042381	-0,115	0,285
CHR8	22688713	CHR8:22688713	SSF x LoA	-9,7877271	0,125	0,313
CHR8	22688785	CHR8:22688785	SSF x LoA	-8,91563702	0,053	0,301
CHR8	22694877	CHR8:22694877	SSF x LoA	-7,30240816	0,034	0,320
CHR8	22694886	CHR8:22694886	SSF x LoA	-10,6871077	-0,024	0,308
CHR8	22694905	CHR8:22694905	SSF x LoA	-9,29686522	0,040	0,292
CHR8	22708998	CHR8:22708998	SSF x LoA	-7,96831662	-0,002	0,307
CHR8	22709036	CHR8:22709036	SSF x LoA	-9,29889942	-0,048	0,307
CHR8	22709232	CHR8:22709232	SSF x LoA	-8,48772955	-0,036	0,315
CHR8	22711068	CHR8:22711068	SSF x LoA	-11,0626652	0,122	0,290
CHR8	22712337	CHR8:22712337	SSF x LoA	-11,0772215	0,028	0,298
CHR8	22713326	CHR8:22713326	SSF x LoA	-10,3077466	-0,019	0,317
CHR8	22713389	CHR8:22713389	SSF x LoA	-7,79179219	-0,147	0,296
CHR8	22713566	CHR8:22713566	SSF x LoA	-9,23643701	0,161	0,291
CHR8	22718109	CHR8:22718109	SSF x LoA	-9,68343066	0,068	0,311
CHR8	22718241	CHR8:22718241	SSF x LoA	-9,45813069	0,135	0,299
CHR8	22718297	CHR8:22718297	SSF x LoA	-9,66985963	-0,030	0,307
CHR8	22720582	CHR8:22720582	SSF x LoA	-12,4718562	0,010	0,304
CHR8	22720596	CHR8:22720596	SSF x LoA	-9,21433328	0,067	0,292
CHR8	22720630	CHR8:22720630	SSF x LoA	-10,4262488	0,009	0,323
CHR8	22720677	CHR8:22720677	SSF x LoA	-10,3240569	0,094	0,298
CHR8	22720759	CHR8:22720759	SSF x LoA	-8,16946535	-0,063	0,311
CHR8	22729069	CHR8:22729069	SSF x LoA	-9,72705454	-0,079	0,313
CHR8	22729138	CHR8:22729138	SSF x LoA	-6,72568397	-0,016	0,304
CHR8	22729140	CHR8:22729140	SSF x LoA	-12,1709339	0,000	0,308
CHR8	22729185	CHR8:22729185	SSF x LoA	-10,5430242	0,040	0,318
CHR8	22729188	CHR8:22729188	SSF x LoA	-2,95418762	0,074	0,311
CHR8	22730247	CHR8:22730247	SSF x LoA	-10,0246947	-0,077	0,301
CHR8	22730251	CHR8:22730251	SSF x LoA	-11,3018094	-0,004	0,312
CHR8	22730302	CHR8:22730302	SSF x LoA	-9,92102732	0,073	0,304
CHR8	22733154	CHR8:22733154	SSF x LoA	-9,89704579	-0,014	0,315
CHR8	22733249	CHR8:22733249	SSF x LoA	-9,03542754	-0,066	0,306
CHR8	22733290	CHR8:22733290	SSF x LoA	-11,5568857	0,052	0,307
CHR8	22733317	CHR8:22733317	SSF x LoA	-5,79683614	0,079	0,307
CHR8	22733377	CHR8:22733377	SSF x LoA	-10,6792246	-0,074	0,302
CHR8	22735892	CHR8:22735892	SSF x LoA	-9,6013146	0,054	0,304
CHR8	22735905	CHR8:22735905	SSF x LoA	-9,27187297	0,054	0,301
CHR8	22736073	CHR8:22736073	SSF x LoA	-9,1783968	0,117	0,311
CHR8	22736080	CHR8:22736080	SSF x LoA	-9,3012428	0,099	0,303
CHR8	22745518	CHR8:22745518	SSF x LoA	-8,14771072	0,037	0,311
CHR8	22745597	CHR8:22745597	SSF x LoA	-9,40565027	0,020	0,311
CHR8	22745611	CHR8:22745611	SSF x LoA	-10,4831224	0,120	0,302
CHR8	22754419	CHR8:22754419	SSF x LoA	-8,76828857	-0,022	0,311
CHR8	22758397	CHR8:22758397	SSF x LoA	-10,1681446	0,030	0,308
CHR8	22758436	CHR8:22758436	SSF x LoA	-6,37319203	-0,086	0,307
CHR8	22758464	CHR8:22758464	SSF x LoA	-10,9059825	-0,119	0,305

CHR8	22758508	CHR8:22758508	SSF x LoA	-9,27978922	-0,046	0,287
CHR8	22759590	CHR8:22759590	SSF x LoA	-7,18165318	0,054	0,310
CHR8	22759702	CHR8:22759702	SSF x LoA	-9,35434851	-0,122	0,312
CHR8	22759710	CHR8:22759710	SSF x LoA	-8,10781668	-0,024	0,312
CHR8	22766110	CHR8:22766110	SSF x LoA	-11,2548161	0,010	0,315
CHR8	22766375	CHR8:22766375	SSF x LoA	-7,47925097	0,225	0,285
CHR8	22766389	CHR8:22766389	SSF x LoA	-7,61950691	0,110	0,305
CHR8	22766455	CHR8:22766455	SSF x LoA	-10,2960439	0,071	0,307
CHR8	22775557	CHR8:22775557	SSF x LoA	-8,38567435	0,037	0,300
CHR8	22782833	CHR8:22782833	SSF x LoA	-10,364712	0,073	0,306
CHR8	22782872	CHR8:22782872	SSF x LoA	-9,17399333	-0,066	0,320
CHR8	22785117	CHR8:22785117	SSF x LoA	-10,7153211	0,030	0,313
CHR8	22785122	CHR8:22785122	SSF x LoA	-10,8661448	-0,058	0,301
CHR8	22785135	CHR8:22785135	SSF x LoA	-11,2384178	-0,068	0,305
CHR8	22785214	CHR8:22785214	SSF x LoA	-10,5380832	0,056	0,305
CHR8	22785222	CHR8:22785222	SSF x LoA	-8,83836692	-0,067	0,305
CHR8	22785223	CHR8:22785223	SSF x LoA	-5,85297082	0,177	0,300
CHR8	22785302	CHR8:22785302	SSF x LoA	-6,09271422	0,116	0,289
CHR8	22785320	CHR8:22785320	SSF x LoA	-7,23854757	0,129	0,270
CHR8	22785375	CHR8:22785375	SSF x LoA	-9,32162502	-0,005	0,315
CHR8	22785376	CHR8:22785376	SSF x LoA	-4,00349845	-0,047	0,304
CHR8	22798138	CHR8:22798138	SSF x LoA	-11,0877141	-0,050	0,310
CHR8	22798323	CHR8:22798323	SSF x LoA	-6,4986409	0,045	0,297
CHR8	22804200	CHR8:22804200	SSF x LoA	-10,7478634	-0,009	0,299
CHR8	22811865	CHR8:22811865	SSF x LoA	-8,76200494	-0,092	0,316
CHR8	22811874	CHR8:22811874	SSF x LoA	-11,8783718	-0,006	0,305
CHR8	22813247	CHR8:22813247	SSF x LoA	9,91741223	-0,088	0,318
CHR8	22826100	CHR8:22826100	SSF x LoA	-11,0984869	-0,006	0,323
CHR8	22826113	CHR8:22826113	SSF x LoA	-9,70365924	-0,100	0,308
CHR8	22826150	CHR8:22826150	SSF x LoA	-10,1827293	-0,006	0,309
CHR8	22826193	CHR8:22826193	SSF x LoA	-11,7412511	0,044	0,298
CHR8	22826223	CHR8:22826223	SSF x LoA	-8,49298626	-0,097	0,307
CHR8	22826805	CHR8:22826805	SSF x LoA	-7,41445626	-0,059	0,297
CHR8	22836439	CHR8:22836439	SSF x LoA	-11,5870092	0,062	0,302
CHR8	22836443	CHR8:22836443	SSF x LoA	-9,90396373	0,071	0,306
CHR8	22838440	CHR8:22838440	SSF x LoA	-8,75570764	-0,075	0,304
CHR8	22838446	CHR8:22838446	SSF x LoA	-7,79281304	0,142	0,299
CHR8	22838462	CHR8:22838462	SSF x LoA	-3,68754421	0,142	0,315
CHR8	22851725	CHR8:22851725	SSF x LoA	-11,2557988	-0,045	0,307
CHR8	22854167	CHR8:22854167	SSF x LoA	-9,46137227	0,002	0,304
CHR8	22854186	CHR8:22854186	SSF x LoA	-10,1936369	0,116	0,301
CHR8	22854200	CHR8:22854200	SSF x LoA	-9,37856067	-0,002	0,302
CHR8	22854247	CHR8:22854247	SSF x LoA	-11,5161168	0,040	0,319
CHR8	22854306	CHR8:22854306	SSF x LoA	-8,80864069	-0,101	0,299
CHR8	22854336	CHR8:22854336	SSF x LoA	-10,0705273	-0,054	0,316
CHR8	22857702	CHR8:22857702	SSF x LoA	-9,26464079	-0,097	0,321
CHR8	22857706	CHR8:22857706	SSF x LoA	-8,57021128	0,080	0,321
CHR8	2286012	CHR8:2286012	SSF x LoA	-8,62423455	-0,006	0,318
CHR8	2286018	CHR8:2286018	SSF x LoA	-9,8128806	-0,044	0,308
CHR8	2286021	CHR8:2286021	SSF x LoA	-10,0063918	0,006	0,301
CHR8	2286111	CHR8:2286111	SSF x LoA	-11,4103052	-0,046	0,307
CHR8	22866244	CHR8:22866244	SSF x LoA	-7,78970401	0,087	0,295
CHR8	22866274	CHR8:22866274	SSF x LoA	-9,30999664	0,010	0,307

CHR8	22866454	CHR8:22866454	SSF x LoA	-9,78037601	0,079	0,302
CHR8	22870653	CHR8:22870653	SSF x LoA	-10,0040234	-0,018	0,304
CHR8	22870689	CHR8:22870689	SSF x LoA	-9,51428912	0,095	0,319
CHR8	22881537	CHR8:22881537	SSF x LoA	-11,3448395	0,069	0,301
CHR8	22887505	CHR8:22887505	SSF x LoA	-6,20272941	0,087	0,318
CHR8	2289124	CHR8:2289124	SSF x LoA	-9,0663797	-0,024	0,317
CHR8	2289184	CHR8:2289184	SSF x LoA	-7,7969068	0,035	0,318
CHR8	2289193	CHR8:2289193	SSF x LoA	-9,45529624	-0,059	0,309
CHR8	2289194	CHR8:2289194	SSF x LoA	-8,45096514	0,040	0,323
CHR8	2289262	CHR8:2289262	SSF x LoA	-8,34967055	0,008	0,319
CHR8	2289290	CHR8:2289290	SSF x LoA	-9,58969832	-0,011	0,315
CHR8	22892933	CHR8:22892933	SSF x LoA	-9,3252473	0,099	0,293
CHR8	22893109	CHR8:22893109	SSF x LoA	-9,39944981	-0,003	0,307
CHR8	22893145	CHR8:22893145	SSF x LoA	-7,60345028	-0,097	0,314
CHR8	22899944	CHR8:22899944	SSF x LoA	-7,82432539	0,016	0,321
CHR8	22915407	CHR8:22915407	SSF x LoA	-9,04492999	0,052	0,325
CHR8	22915597	CHR8:22915597	SSF x LoA	-8,57782457	-0,048	0,299
CHR8	22915612	CHR8:22915612	SSF x LoA	-8,30745596	-0,030	0,316
CHR8	22915849	CHR8:22915849	SSF x LoA	-11,0057113	0,054	0,312
CHR8	22915852	CHR8:22915852	SSF x LoA	-10,9598684	0,067	0,307
CHR8	22925039	CHR8:22925039	SSF x LoA	-12,5401692	0,047	0,292
CHR8	22925062	CHR8:22925062	SSF x LoA	-7,5533255	-0,028	0,315
CHR8	22925065	CHR8:22925065	SSF x LoA	-7,84014276	-0,029	0,303
CHR8	22935463	CHR8:22935463	SSF x LoA	-10,3637409	-0,008	0,291
CHR8	22935503	CHR8:22935503	SSF x LoA	-7,99238388	-0,066	0,300
CHR8	22935521	CHR8:22935521	SSF x LoA	-9,85117137	-0,026	0,295
CHR8	22935606	CHR8:22935606	SSF x LoA	-11,2752992	-0,038	0,306
CHR8	22935615	CHR8:22935615	SSF x LoA	-9,8169073	0,008	0,314
CHR8	22935630	CHR8:22935630	SSF x LoA	-8,37249439	-0,042	0,308
CHR8	22950861	CHR8:22950861	SSF x LoA	-5,7929057	0,166	0,291
CHR8	22950947	CHR8:22950947	SSF x LoA	-7,45878223	0,125	0,322
CHR8	22950963	CHR8:22950963	SSF x LoA	-6,91406018	0,115	0,308
CHR8	22951031	CHR8:22951031	SSF x LoA	-9,5866798	0,003	0,312
CHR8	22951061	CHR8:22951061	SSF x LoA	-11,5621639	0,008	0,315
CHR8	22951066	CHR8:22951066	SSF x LoA	-5,87484632	0,079	0,307
CHR8	22951081	CHR8:22951081	SSF x LoA	-10,2680151	0,064	0,303
CHR8	22960839	CHR8:22960839	SSF x LoA	-9,18517333	-0,117	0,304
CHR8	22969401	CHR8:22969401	SSF x LoA	-11,4938359	-0,090	0,313
CHR8	22969429	CHR8:22969429	SSF x LoA	-11,3739828	0,065	0,307
CHR8	22969547	CHR8:22969547	SSF x LoA	-11,7640265	-0,068	0,312
CHR8	22969636	CHR8:22969636	SSF x LoA	-11,1485653	-0,080	0,320
CHR8	22969693	CHR8:22969693	SSF x LoA	-8,30233026	0,047	0,293
CHR8	22976842	CHR8:22976842	SSF x LoA	-9,27490031	-0,004	0,313
CHR8	22977006	CHR8:22977006	SSF x LoA	-5,57581585	-0,179	0,313
CHR8	22977054	CHR8:22977054	SSF x LoA	-8,68007419	-0,028	0,323
CHR8	22980927	CHR8:22980927	SSF x LoA	-11,0415135	0,006	0,301
CHR8	22989380	CHR8:22989380	SSF x LoA	-9,39958004	-0,036	0,308
CHR8	22989661	CHR8:22989661	SSF x LoA	-9,52520489	0,013	0,313
CHR8	22989702	CHR8:22989702	SSF x LoA	-9,99059085	0,101	0,318
CHR8	22989731	CHR8:22989731	SSF x LoA	-11,1539229	-0,027	0,301
CHR8	22990688	CHR8:22990688	SSF x LoA	-11,5556316	-0,035	0,307
CHR8	22994381	CHR8:22994381	SSF x LoA	-10,4226261	0,070	0,303
CHR8	23008693	CHR8:23008693	SSF x LoA	-8,38210146	-0,015	0,307

CHR8	23008778	CHR8:23008778	SSF x LoA	-9,70183767	0,065	0,307
CHR8	23016001	CHR8:23016001	SSF x LoA	-10,8137429	0,022	0,315
CHR8	23016077	CHR8:23016077	SSF x LoA	-6,24293206	0,179	0,304
CHR8	23016116	CHR8:23016116	SSF x LoA	-7,57289454	-0,050	0,323
CHR8	23016132	CHR8:23016132	SSF x LoA	-8,20173601	0,026	0,313
CHR8	23017201	CHR8:23017201	SSF x LoA	-9,83763496	0,052	0,319
CHR8	23017237	CHR8:23017237	SSF x LoA	-8,24193364	-0,110	0,302
CHR8	23020332	CHR8:23020332	SSF x LoA	-5,23143032	-0,028	0,298
CHR8	23020361	CHR8:23020361	SSF x LoA	-3,90569703	0,019	0,298
CHR8	23022842	CHR8:23022842	SSF x LoA	-10,3765471	-0,042	0,314
CHR8	23022965	CHR8:23022965	SSF x LoA	-9,98357793	-0,061	0,312
CHR8	23028931	CHR8:23028931	SSF x LoA	-8,48479716	-0,047	0,320
CHR8	23037910	CHR8:23037910	SSF x LoA	-11,1904188	0,108	0,304
CHR8	23037986	CHR8:23037986	SSF x LoA	-8,44942849	0,119	0,303
CHR8	23037992	CHR8:23037992	SSF x LoA	-9,62208592	0,017	0,300
CHR8	23038004	CHR8:23038004	SSF x LoA	-7,72434083	-0,105	0,303
CHR8	23038141	CHR8:23038141	SSF x LoA	-7,38072062	-0,102	0,295
CHR8	23038180	CHR8:23038180	SSF x LoA	-11,4680159	0,007	0,313
CHR8	23038202	CHR8:23038202	SSF x LoA	-10,8782685	-0,053	0,295
CHR8	23038217	CHR8:23038217	SSF x LoA	-8,98598865	0,015	0,320
CHR8	23038218	CHR8:23038218	SSF x LoA	-10,0272291	0,023	0,316
CHR8	23051330	CHR8:23051330	SSF x LoA	-8,17847108	0,005	0,307
CHR8	23051459	CHR8:23051459	SSF x LoA	-9,53937173	0,039	0,333
CHR8	23051462	CHR8:23051462	SSF x LoA	-9,59544871	0,113	0,300
CHR8	23051621	CHR8:23051621	SSF x LoA	-10,1438703	-0,031	0,318
CHR8	23052296	CHR8:23052296	SSF x LoA	-10,3789081	-0,025	0,323
CHR8	23052321	CHR8:23052321	SSF x LoA	-10,6592281	-0,069	0,310
CHR8	23055396	CHR8:23055396	SSF x LoA	-3,73412958	0,141	0,293
CHR8	23055507	CHR8:23055507	SSF x LoA	-9,47938237	0,059	0,291
CHR8	23055519	CHR8:23055519	SSF x LoA	-7,32491461	-0,067	0,298
CHR8	23061841	CHR8:23061841	SSF x LoA	-8,68491273	-0,013	0,294
CHR8	23061858	CHR8:23061858	SSF x LoA	-8,56372417	-0,014	0,305
CHR8	23066695	CHR8:23066695	SSF x LoA	-10,5676704	-0,020	0,311
CHR8	2306814	CHR8:2306814	SSF x LoA	-10,398315	-0,097	0,300
CHR8	2306825	CHR8:2306825	SSF x LoA	-7,69405211	0,092	0,297
CHR8	2306827	CHR8:2306827	SSF x LoA	-8,20638679	0,066	0,315
CHR8	2306951	CHR8:2306951	SSF x LoA	-8,68255087	0,050	0,319
CHR8	2306963	CHR8:2306963	SSF x LoA	-8,65016373	-0,088	0,309
CHR8	2307008	CHR8:2307008	SSF x LoA	-10,8452827	-0,022	0,299
CHR8	23073725	CHR8:23073725	SSF x LoA	-1,36887094	-0,216	0,291
CHR8	23073740	CHR8:23073740	SSF x LoA	-5,5225685	-0,033	0,309
CHR8	23073771	CHR8:23073771	SSF x LoA	-9,94899275	-0,055	0,294
CHR8	23073779	CHR8:23073779	SSF x LoA	-4,42507432	-0,096	0,305
CHR8	23073884	CHR8:23073884	SSF x LoA	-7,50002499	0,060	0,300
CHR8	23073909	CHR8:23073909	SSF x LoA	-7,56053849	0,147	0,298
CHR8	23085214	CHR8:23085214	SSF x LoA	-9,86499727	-0,034	0,308
CHR8	23086808	CHR8:23086808	SSF x LoA	-8,42477551	-0,147	0,308
CHR8	2310354	CHR8:2310354	SSF x LoA	-9,24537988	-0,013	0,296
CHR8	23115033	CHR8:23115033	SSF x LoA	-8,78229642	-0,086	0,308
CHR8	23120134	CHR8:23120134	SSF x LoA	-10,7233208	0,000	0,306
CHR8	23120284	CHR8:23120284	SSF x LoA	-8,2132034	-0,090	0,318
CHR8	2312081	CHR8:2312081	SSF x LoA	-10,2965183	-0,019	0,328
CHR8	2312165	CHR8:2312165	SSF x LoA	-9,3924748	0,002	0,303

CHR8	23127465	CHR8:23127465	SSF x LoA	-10,699295	-0,011	0,305
CHR8	23134866	CHR8:23134866	SSF x LoA	-10,3759873	-0,083	0,294
CHR8	23135054	CHR8:23135054	SSF x LoA	-8,91780543	0,032	0,309
CHR8	23135117	CHR8:23135117	SSF x LoA	-8,14556834	0,122	0,306
CHR8	23139052	CHR8:23139052	SSF x LoA	-6,79642875	-0,037	0,317
CHR8	23139160	CHR8:23139160	SSF x LoA	-9,51013573	-0,049	0,296
CHR8	23139290	CHR8:23139290	SSF x LoA	-9,2878225	0,000	0,323
CHR8	23148755	CHR8:23148755	SSF x LoA	-8,24947942	0,048	0,319
CHR8	23156128	CHR8:23156128	SSF x LoA	-9,67092056	0,032	0,314
CHR8	23156320	CHR8:23156320	SSF x LoA	-6,78165263	0,054	0,310
CHR8	23156334	CHR8:23156334	SSF x LoA	-7,48471134	0,024	0,314
CHR8	23166859	CHR8:23166859	SSF x LoA	-9,90165705	0,049	0,318
CHR8	23167142	CHR8:23167142	SSF x LoA	-8,69547603	-0,010	0,320
CHR8	2317123	CHR8:2317123	SSF x LoA	-8,92437461	0,149	0,297
CHR8	2317124	CHR8:2317124	SSF x LoA	-7,61043271	-0,036	0,301
CHR8	2317131	CHR8:2317131	SSF x LoA	-8,03270271	0,080	0,298
CHR8	2317134	CHR8:2317134	SSF x LoA	-8,91121012	0,097	0,292
CHR8	2317135	CHR8:2317135	SSF x LoA	-8,77913183	0,108	0,308
CHR8	23171541	CHR8:23171541	SSF x LoA	-7,8960314	0,105	0,300
CHR8	2317162	CHR8:2317162	SSF x LoA	-8,550716	-0,020	0,308
CHR8	23171624	CHR8:23171624	SSF x LoA	-9,30415653	0,091	0,296
CHR8	23171737	CHR8:23171737	SSF x LoA	-10,1941362	0,105	0,296
CHR8	2317174	CHR8:2317174	SSF x LoA	-11,5253806	-0,052	0,308
CHR8	23180486	CHR8:23180486	SSF x LoA	-6,53086719	-0,121	0,307
CHR8	23180534	CHR8:23180534	SSF x LoA	-11,0578655	-0,051	0,299
CHR8	23198600	CHR8:23198600	SSF x LoA	-8,57123942	-0,013	0,304
CHR8	23198611	CHR8:23198611	SSF x LoA	-7,74940335	0,008	0,301
CHR8	23198769	CHR8:23198769	SSF x LoA	-8,25135384	0,033	0,300
CHR8	23198802	CHR8:23198802	SSF x LoA	-7,13311307	-0,108	0,299
CHR8	23198806	CHR8:23198806	SSF x LoA	-10,7852212	0,092	0,310
CHR8	23198878	CHR8:23198878	SSF x LoA	-8,8365164	0,147	0,314
CHR8	23198886	CHR8:23198886	SSF x LoA	-4,11526183	0,168	0,300
CHR8	23198903	CHR8:23198903	SSF x LoA	-5,52970017	-0,150	0,295
CHR8	23198931	CHR8:23198931	SSF x LoA	-10,6117386	0,041	0,312
CHR8	23198935	CHR8:23198935	SSF x LoA	-9,27116487	0,060	0,294
CHR8	23226135	CHR8:23226135	SSF x LoA	-9,51657444	-0,074	0,309
CHR8	23226898	CHR8:23226898	SSF x LoA	-9,29902474	-0,123	0,306
CHR8	23226940	CHR8:23226940	SSF x LoA	-9,34300277	0,028	0,308
CHR8	23226943	CHR8:23226943	SSF x LoA	-9,36585032	0,059	0,304
CHR8	23226972	CHR8:23226972	SSF x LoA	-7,36422091	-0,058	0,303
CHR8	23231891	CHR8:23231891	SSF x LoA	-11,3202541	-0,015	0,309
CHR8	23253363	CHR8:23253363	SSF x LoA	-9,23490118	0,044	0,309
CHR8	23259299	CHR8:23259299	SSF x LoA	-11,5576235	0,013	0,315
CHR8	23259364	CHR8:23259364	SSF x LoA	-7,34523713	0,118	0,318
CHR8	23284387	CHR8:23284387	SSF x LoA	-7,47360434	-0,006	0,308
CHR8	23289198	CHR8:23289198	SSF x LoA	-3,80797838	-0,216	0,298
CHR8	23298010	CHR8:23298010	SSF x LoA	-9,54560425	-0,046	0,306
CHR8	23298026	CHR8:23298026	SSF x LoA	-10,6332122	0,101	0,304
CHR8	23298131	CHR8:23298131	SSF x LoA	-10,5744726	-0,031	0,307
CHR8	23310044	CHR8:23310044	SSF x LoA	-5,98764822	0,035	0,301
CHR8	23310197	CHR8:23310197	SSF x LoA	-9,26285904	-0,009	0,303
CHR8	23369275	CHR8:23369275	SSF x LoA	-8,66631582	0,059	0,316
CHR8	23387326	CHR8:23387326	SSF x LoA	-10,7485845	-0,041	0,315

CHR8	23425356	CHR8:23425356	SSF x LoA	-11,1081419	0,119	0,306
CHR8	2343226	CHR8:2343226	SSF x LoA	-12,1712926	0,031	0,302
CHR8	23467088	CHR8:23467088	SSF x LoA	-7,58733699	0,133	0,302
CHR8	23484514	CHR8:23484514	SSF x LoA	-7,97693766	-0,029	0,317
CHR8	23493383	CHR8:23493383	SSF x LoA	-8,4102019	0,101	0,306
CHR8	23495503	CHR8:23495503	SSF x LoA	-10,4300143	0,093	0,307
CHR8	23495736	CHR8:23495736	SSF x LoA	-11,8326886	0,058	0,300
CHR8	23495778	CHR8:23495778	SSF x LoA	-5,71575315	-0,143	0,295
CHR8	23508882	CHR8:23508882	SSF x LoA	-9,31006012	-0,043	0,306
CHR8	23525528	CHR8:23525528	SSF x LoA	-9,78154073	-0,145	0,296
CHR8	23525546	CHR8:23525546	SSF x LoA	-6,99786937	-0,144	0,304
CHR8	23525673	CHR8:23525673	SSF x LoA	-8,38073714	0,028	0,316
CHR8	23525723	CHR8:23525723	SSF x LoA	-9,69090303	0,033	0,295
CHR8	23525762	CHR8:23525762	SSF x LoA	-8,76627211	0,149	0,307
CHR8	23527717	CHR8:23527717	SSF x LoA	-8,14620051	0,066	0,298
CHR8	23527765	CHR8:23527765	SSF x LoA	-10,2611471	0,019	0,308
CHR8	23527942	CHR8:23527942	SSF x LoA	-10,9160125	0,074	0,289
CHR8	23527956	CHR8:23527956	SSF x LoA	-10,3028904	0,020	0,300
CHR8	23531641	CHR8:23531641	SSF x LoA	-10,0502731	-0,005	0,323
CHR8	2355867	CHR8:2355867	SSF x LoA	-6,24016358	0,068	0,294
CHR8	2355968	CHR8:2355968	SSF x LoA	-0,78073972	0,058	0,313
CHR8	23567419	CHR8:23567419	SSF x LoA	-11,3872456	-0,031	0,303
CHR8	23567428	CHR8:23567428	SSF x LoA	-8,92749045	0,004	0,316
CHR8	23569539	CHR8:23569539	SSF x LoA	-0,4959321	-0,198	0,301
CHR8	23585405	CHR8:23585405	SSF x LoA	-10,5227227	0,057	0,301
CHR8	23589289	CHR8:23589289	SSF x LoA	-8,55621085	-0,124	0,297
CHR8	23589362	CHR8:23589362	SSF x LoA	-7,55463793	-0,055	0,301
CHR8	23600762	CHR8:23600762	SSF x LoA	-8,97524931	-0,003	0,309
CHR8	23600837	CHR8:23600837	SSF x LoA	-9,87047907	-0,069	0,301
CHR8	23600881	CHR8:23600881	SSF x LoA	-9,08375366	-0,090	0,315
CHR8	23601088	CHR8:23601088	SSF x LoA	-8,89330066	-0,013	0,311
CHR8	23611591	CHR8:23611591	SSF x LoA	-8,33621962	0,144	0,300
CHR8	23616978	CHR8:23616978	SSF x LoA	-8,84691207	0,065	0,304
CHR8	23617009	CHR8:23617009	SSF x LoA	-6,198903	-0,116	0,306
CHR8	23617084	CHR8:23617084	SSF x LoA	-4,37016937	-0,128	0,306
CHR8	23617085	CHR8:23617085	SSF x LoA	-9,92769895	-0,099	0,316
CHR8	23622683	CHR8:23622683	SSF x LoA	-11,3428433	0,034	0,309
CHR8	23622697	CHR8:23622697	SSF x LoA	-11,4827449	-0,006	0,303
CHR8	23622735	CHR8:23622735	SSF x LoA	-10,2452139	0,009	0,301
CHR8	23622809	CHR8:23622809	SSF x LoA	-9,56611302	-0,027	0,304
CHR8	23625350	CHR8:23625350	SSF x LoA	-8,43270865	0,095	0,309
CHR8	23625403	CHR8:23625403	SSF x LoA	-10,515816	0,078	0,286
CHR8	2363266	CHR8:2363266	SSF x LoA	-8,13024484	0,036	0,298
CHR8	2363283	CHR8:2363283	SSF x LoA	-12,1815651	-0,013	0,299
CHR8	23635573	CHR8:23635573	SSF x LoA	-10,6403503	-0,038	0,319
CHR8	23657612	CHR8:23657612	SSF x LoA	-9,34922337	-0,092	0,284
CHR8	23677779	CHR8:23677779	SSF x LoA	-6,82505719	-0,134	0,309
CHR8	23689113	CHR8:23689113	SSF x LoA	-7,56171086	-0,085	0,313
CHR8	23689141	CHR8:23689141	SSF x LoA	-8,3050797	0,014	0,313
CHR8	23689191	CHR8:23689191	SSF x LoA	-8,25618317	0,011	0,320
CHR8	23703812	CHR8:23703812	SSF x LoA	-8,82525391	-0,032	0,326
CHR8	23738784	CHR8:23738784	SSF x LoA	-8,70869402	-0,017	0,302
CHR8	23738830	CHR8:23738830	SSF x LoA	-10,4038365	0,007	0,292

CHR8	23738930	CHR8:23738930	SSF x LoA	-7,28501791	0,184	0,292
CHR8	23750423	CHR8:23750423	SSF x LoA	-8,96511959	0,079	0,296
CHR8	23754953	CHR8:23754953	SSF x LoA	-11,1770427	-0,003	0,292
CHR8	23754960	CHR8:23754960	SSF x LoA	-8,55800716	-0,118	0,301
CHR8	2377072	CHR8:2377072	SSF x LoA	-10,1650983	-0,096	0,300
CHR8	2377114	CHR8:2377114	SSF x LoA	-10,8101791	-0,065	0,293
CHR8	2377175	CHR8:2377175	SSF x LoA	-10,7815054	0,096	0,306
CHR8	2377391	CHR8:2377391	SSF x LoA	-8,66815014	-0,010	0,311
CHR8	23789131	CHR8:23789131	SSF x LoA	-7,2603243	0,165	0,283
CHR8	23789176	CHR8:23789176	SSF x LoA	-9,67455656	0,165	0,292
CHR8	23813785	CHR8:23813785	SSF x LoA	-9,19968906	0,102	0,311
CHR8	23820610	CHR8:23820610	SSF x LoA	-8,41483713	0,041	0,307
CHR8	23820716	CHR8:23820716	SSF x LoA	-9,16757382	0,127	0,312
CHR8	23829753	CHR8:23829753	SSF x LoA	-11,4266844	0,025	0,310
CHR8	23829960	CHR8:23829960	SSF x LoA	-10,4122818	0,074	0,289
CHR8	23844037	CHR8:23844037	SSF x LoA	-9,09505	0,000	0,302
CHR8	23844083	CHR8:23844083	SSF x LoA	-8,62328452	0,029	0,306
CHR8	23844119	CHR8:23844119	SSF x LoA	-9,84247805	-0,004	0,300
CHR8	23844137	CHR8:23844137	SSF x LoA	-8,67859819	-0,045	0,307
CHR8	23844281	CHR8:23844281	SSF x LoA	-10,9004578	-0,001	0,308
CHR8	23846260	CHR8:23846260	SSF x LoA	-9,76289121	-0,092	0,311
CHR8	23848567	CHR8:23848567	SSF x LoA	-11,9793388	0,007	0,310
CHR8	23852725	CHR8:23852725	SSF x LoA	-8,44469849	-0,109	0,305
CHR8	23852785	CHR8:23852785	SSF x LoA	-10,3923498	0,019	0,316
CHR8	23852806	CHR8:23852806	SSF x LoA	-6,42316597	0,108	0,313
CHR8	23852824	CHR8:23852824	SSF x LoA	-11,9048023	-0,009	0,300
CHR8	23852908	CHR8:23852908	SSF x LoA	-11,3827039	-0,023	0,304
CHR8	23852975	CHR8:23852975	SSF x LoA	-8,99226403	0,140	0,305
CHR8	23852986	CHR8:23852986	SSF x LoA	-7,89504402	-0,052	0,316
CHR8	23863330	CHR8:23863330	SSF x LoA	-12,2112205	0,039	0,299
CHR8	23869488	CHR8:23869488	SSF x LoA	-7,51032469	0,103	0,319
CHR8	23873511	CHR8:23873511	SSF x LoA	-8,58502968	0,108	0,297
CHR8	23873534	CHR8:23873534	SSF x LoA	-9,1482076	0,039	0,307
CHR8	23873564	CHR8:23873564	SSF x LoA	-7,81357909	0,074	0,309
CHR8	23873605	CHR8:23873605	SSF x LoA	-10,6757819	-0,017	0,306
CHR8	2387613	CHR8:2387613	SSF x LoA	-10,3072813	-0,042	0,320
CHR8	2387669	CHR8:2387669	SSF x LoA	-9,29503319	-0,049	0,297
CHR8	2387681	CHR8:2387681	SSF x LoA	-8,9090292	0,019	0,311
CHR8	2387744	CHR8:2387744	SSF x LoA	-10,3855948	-0,033	0,297
CHR8	2387764	CHR8:2387764	SSF x LoA	-9,30588237	0,041	0,292
CHR8	23878490	CHR8:23878490	SSF x LoA	-10,206939	-0,027	0,298
CHR8	23884120	CHR8:23884120	SSF x LoA	-7,62051711	0,074	0,309
CHR8	23884129	CHR8:23884129	SSF x LoA	-10,1752972	0,024	0,312
CHR8	23884163	CHR8:23884163	SSF x LoA	-9,59055141	-0,023	0,301
CHR8	23886102	CHR8:23886102	SSF x LoA	-6,05315529	-0,085	0,310
CHR8	23889241	CHR8:23889241	SSF x LoA	-7,25645806	0,089	0,317
CHR8	23889795	CHR8:23889795	SSF x LoA	-9,76894232	-0,048	0,298
CHR8	23897033	CHR8:23897033	SSF x LoA	-8,00912215	0,016	0,318
CHR8	2390387	CHR8:2390387	SSF x LoA	-8,4677837	0,037	0,314
CHR8	2390420	CHR8:2390420	SSF x LoA	-7,25789524	0,174	0,305
CHR8	23904460	CHR8:23904460	SSF x LoA	-11,5881076	-0,078	0,302
CHR8	23904506	CHR8:23904506	SSF x LoA	-9,1420233	0,108	0,283
CHR8	23904515	CHR8:23904515	SSF x LoA	-10,330011	0,036	0,302

CHR8	23904562	CHR8:23904562	SSF x LoA	-11,6505214	-0,048	0,303
CHR8	23904567	CHR8:23904567	SSF x LoA	-9,01099474	-0,026	0,310
CHR8	23904590	CHR8:23904590	SSF x LoA	-10,0351136	-0,040	0,303
CHR8	23904593	CHR8:23904593	SSF x LoA	-8,99533161	-0,036	0,307
CHR8	2390539	CHR8:2390539	SSF x LoA	-10,8350771	-0,078	0,302
CHR8	23908291	CHR8:23908291	SSF x LoA	-8,61828983	0,040	0,305
CHR8	23908357	CHR8:23908357	SSF x LoA	-10,5690005	-0,032	0,308
CHR8	23908411	CHR8:23908411	SSF x LoA	-8,54615741	-0,102	0,305
CHR8	23917200	CHR8:23917200	SSF x LoA	-8,25702078	0,049	0,306
CHR8	23917201	CHR8:23917201	SSF x LoA	-7,25248844	0,032	0,306
CHR8	23917274	CHR8:23917274	SSF x LoA	-8,11262474	0,004	0,308
CHR8	23921478	CHR8:23921478	SSF x LoA	-10,9204558	0,078	0,289
CHR8	23931274	CHR8:23931274	SSF x LoA	-8,93050821	0,098	0,319
CHR8	23943888	CHR8:23943888	SSF x LoA	-8,18431075	-0,053	0,312
CHR8	23943899	CHR8:23943899	SSF x LoA	-6,32820007	0,101	0,306
CHR8	23946393	CHR8:23946393	SSF x LoA	-8,94638802	0,073	0,301
CHR8	23946394	CHR8:23946394	SSF x LoA	-7,83102344	0,082	0,318
CHR8	23946411	CHR8:23946411	SSF x LoA	-5,4855713	0,092	0,307
CHR8	23946496	CHR8:23946496	SSF x LoA	-7,50315836	-0,010	0,306
CHR8	23946524	CHR8:23946524	SSF x LoA	-11,0584598	-0,082	0,310
CHR8	23946543	CHR8:23946543	SSF x LoA	-12,0794354	-0,018	0,302
CHR8	23946566	CHR8:23946566	SSF x LoA	-5,70819113	-0,012	0,317
CHR8	2394929	CHR8:2394929	SSF x LoA	-11,2685074	-0,065	0,301
CHR8	2394952	CHR8:2394952	SSF x LoA	-9,56786548	0,040	0,302
CHR8	2394958	CHR8:2394958	SSF x LoA	-8,72358475	-0,059	0,299
CHR8	2394975	CHR8:2394975	SSF x LoA	-8,18216528	-0,008	0,314
CHR8	2395007	CHR8:2395007	SSF x LoA	-8,47274561	0,087	0,316
CHR8	2395014	CHR8:2395014	SSF x LoA	-9,02393788	0,096	0,308
CHR8	2395017	CHR8:2395017	SSF x LoA	-7,11222171	0,070	0,318
CHR8	2395030	CHR8:2395030	SSF x LoA	-11,1643421	0,092	0,303
CHR8	2395094	CHR8:2395094	SSF x LoA	-4,86843547	-0,146	0,296
CHR8	23953488	CHR8:23953488	SSF x LoA	-9,33741605	0,013	0,300
CHR8	23965196	CHR8:23965196	SSF x LoA	-11,4475152	0,098	0,303
CHR8	23965220	CHR8:23965220	SSF x LoA	-6,34834573	-0,085	0,305
CHR8	23966644	CHR8:23966644	SSF x LoA	-9,67283544	-0,011	0,303
CHR8	23966680	CHR8:23966680	SSF x LoA	-8,29576674	-0,044	0,295
CHR8	23983852	CHR8:23983852	SSF x LoA	-8,99621375	-0,056	0,318
CHR8	23992807	CHR8:23992807	SSF x LoA	-8,12109112	0,025	0,302
CHR8	23996254	CHR8:23996254	SSF x LoA	-8,55465942	0,019	0,310
CHR8	23997091	CHR8:23997091	SSF x LoA	-10,5571016	0,033	0,299
CHR8	24004709	CHR8:24004709	SSF x LoA	-8,69660551	0,054	0,310
CHR8	2400878	CHR8:2400878	SSF x LoA	-10,1378019	0,040	0,311
CHR8	2400899	CHR8:2400899	SSF x LoA	-11,636071	0,035	0,304
CHR8	2401039	CHR8:2401039	SSF x LoA	-10,9919246	-0,077	0,306
CHR8	2401040	CHR8:2401040	SSF x LoA	-10,6604782	-0,034	0,297
CHR8	2401051	CHR8:2401051	SSF x LoA	-11,1023163	-0,003	0,305
CHR8	24013902	CHR8:24013902	SSF x LoA	-8,74302704	-0,033	0,312
CHR8	2401624	CHR8:2401624	SSF x LoA	-9,37900154	-0,055	0,307
CHR8	2401637	CHR8:2401637	SSF x LoA	-5,08480118	0,106	0,317
CHR8	24016417	CHR8:24016417	SSF x LoA	-7,43258279	-0,118	0,297
CHR8	24016515	CHR8:24016515	SSF x LoA	-9,47668169	-0,047	0,301
CHR8	2401713	CHR8:2401713	SSF x LoA	-10,5796472	-0,047	0,310
CHR8	2401716	CHR8:2401716	SSF x LoA	-11,1149001	0,060	0,301

CHR8	24027759	CHR8:24027759	SSF x LoA	-8,46022673	-0,183	0,304
CHR8	24027937	CHR8:24027937	SSF x LoA	-9,30774292	0,010	0,299
CHR8	24027944	CHR8:24027944	SSF x LoA	-7,55235215	-0,044	0,313
CHR8	24027946	CHR8:24027946	SSF x LoA	-9,88472126	-0,075	0,318
CHR8	24028003	CHR8:24028003	SSF x LoA	-11,1946714	-0,119	0,311
CHR8	24028023	CHR8:24028023	SSF x LoA	-7,99108922	0,041	0,315
CHR8	24036629	CHR8:24036629	SSF x LoA	-9,05139219	-0,025	0,311
CHR8	24036632	CHR8:24036632	SSF x LoA	-9,38491952	-0,034	0,292
CHR8	24036644	CHR8:24036644	SSF x LoA	-4,4427646	0,128	0,300
CHR8	24036647	CHR8:24036647	SSF x LoA	-7,47817396	0,132	0,313
CHR8	24043708	CHR8:24043708	SSF x LoA	-11,8673644	0,039	0,308
CHR8	24043787	CHR8:24043787	SSF x LoA	-8,1504349	-0,019	0,310
CHR8	24060084	CHR8:24060084	SSF x LoA	-12,1826327	-0,064	0,286
CHR8	24065467	CHR8:24065467	SSF x LoA	-11,3895352	-0,017	0,312
CHR8	24065563	CHR8:24065563	SSF x LoA	-7,57172277	0,067	0,307
CHR8	24065649	CHR8:24065649	SSF x LoA	-3,84074895	0,164	0,308
CHR8	24065744	CHR8:24065744	SSF x LoA	-2,37593984	0,183	0,306
CHR8	24065782	CHR8:24065782	SSF x LoA	-7,03405846	-0,135	0,305
CHR8	24067069	CHR8:24067069	SSF x LoA	-12,0973126	0,046	0,297
CHR8	24067140	CHR8:24067140	SSF x LoA	-9,33171305	-0,063	0,286
CHR8	24067293	CHR8:24067293	SSF x LoA	-8,66318863	-0,001	0,318
CHR8	24097437	CHR8:24097437	SSF x LoA	-8,53227569	0,065	0,308
CHR8	24097535	CHR8:24097535	SSF x LoA	-11,8796383	0,027	0,294
CHR8	24097560	CHR8:24097560	SSF x LoA	-10,544297	-0,099	0,306
CHR8	24106500	CHR8:24106500	SSF x LoA	-8,19177417	0,010	0,313
CHR8	24109180	CHR8:24109180	SSF x LoA	-9,89171234	0,010	0,306
CHR8	24109293	CHR8:24109293	SSF x LoA	-11,2174095	-0,008	0,306
CHR8	24117394	CHR8:24117394	SSF x LoA	-10,9458244	0,045	0,303
CHR8	24117423	CHR8:24117423	SSF x LoA	-9,49459265	0,078	0,291
CHR8	24117465	CHR8:24117465	SSF x LoA	-8,85807906	-0,003	0,320
CHR8	24117502	CHR8:24117502	SSF x LoA	-7,09930333	0,116	0,308
CHR8	24117525	CHR8:24117525	SSF x LoA	-7,06782352	0,099	0,313
CHR8	24117526	CHR8:24117526	SSF x LoA	-8,52062765	-0,028	0,305
CHR8	24117562	CHR8:24117562	SSF x LoA	-9,276463	0,064	0,307
CHR8	24117566	CHR8:24117566	SSF x LoA	-8,26768515	-0,050	0,320
CHR8	2412941	CHR8:2412941	SSF x LoA	-7,97313371	0,105	0,307
CHR8	2413017	CHR8:2413017	SSF x LoA	-11,1154518	-0,070	0,297
CHR8	24134158	CHR8:24134158	SSF x LoA	-5,99043383	0,038	0,312
CHR8	24134188	CHR8:24134188	SSF x LoA	-10,8618371	-0,077	0,306
CHR8	24134216	CHR8:24134216	SSF x LoA	-9,78187672	0,060	0,320
CHR8	24134226	CHR8:24134226	SSF x LoA	-9,62508672	-0,033	0,310
CHR8	24134262	CHR8:24134262	SSF x LoA	-8,65064852	0,029	0,302
CHR8	24134322	CHR8:24134322	SSF x LoA	-10,6873291	-0,060	0,306
CHR8	24134332	CHR8:24134332	SSF x LoA	-8,89631142	-0,057	0,299
CHR8	24134344	CHR8:24134344	SSF x LoA	-8,27427368	-0,074	0,315
CHR8	24134350	CHR8:24134350	SSF x LoA	-7,44584042	-0,101	0,294
CHR8	24145575	CHR8:24145575	SSF x LoA	-2,4426545	-0,135	0,318
CHR8	24145576	CHR8:24145576	SSF x LoA	-8,3530278	-0,147	0,316
CHR8	24145577	CHR8:24145577	SSF x LoA	-6,92413432	-0,138	0,308
CHR8	24145727	CHR8:24145727	SSF x LoA	-9,81801092	-0,048	0,293
CHR8	24152345	CHR8:24152345	SSF x LoA	-8,93202084	-0,031	0,302
CHR8	24152406	CHR8:24152406	SSF x LoA	-4,97595744	0,181	0,305
CHR8	24153909	CHR8:24153909	SSF x LoA	-7,49149027	-0,006	0,303

CHR8	24153921	CHR8:24153921	SSF x LoA	-8,98374219	0,013	0,305
CHR8	24155396	CHR8:24155396	SSF x LoA	-11,1330117	0,007	0,303
CHR8	24155546	CHR8:24155546	SSF x LoA	-9,52631338	-0,044	0,315
CHR8	24155655	CHR8:24155655	SSF x LoA	-10,3865669	-0,026	0,293
CHR8	24155666	CHR8:24155666	SSF x LoA	-6,25228552	0,176	0,297
CHR8	24165487	CHR8:24165487	SSF x LoA	-7,38407365	0,157	0,314
CHR8	24165488	CHR8:24165488	SSF x LoA	-8,9673592	0,153	0,298
CHR8	2416564	CHR8:2416564	SSF x LoA	-6,79496534	0,058	0,314
CHR8	2416633	CHR8:2416633	SSF x LoA	-9,92614179	-0,045	0,292
CHR8	2416754	CHR8:2416754	SSF x LoA	-10,9748518	-0,036	0,314
CHR8	24172890	CHR8:24172890	SSF x LoA	-5,75696964	-0,020	0,298
CHR8	24172918	CHR8:24172918	SSF x LoA	-11,1049308	-0,050	0,304
CHR8	24172950	CHR8:24172950	SSF x LoA	-8,12918005	-0,047	0,300
CHR8	24173015	CHR8:24173015	SSF x LoA	7,67317865	-0,120	0,305
CHR8	24173032	CHR8:24173032	SSF x LoA	-9,20523981	-0,037	0,312
CHR8	24173036	CHR8:24173036	SSF x LoA	-11,5653589	-0,074	0,317
CHR8	24173055	CHR8:24173055	SSF x LoA	-9,81539897	0,019	0,300
CHR8	24184287	CHR8:24184287	SSF x LoA	-7,90544172	0,154	0,304
CHR8	24184305	CHR8:24184305	SSF x LoA	-11,7974482	0,068	0,305
CHR8	24184314	CHR8:24184314	SSF x LoA	-8,37234646	-0,016	0,318
CHR8	24184446	CHR8:24184446	SSF x LoA	-9,18975679	0,053	0,307
CHR8	24184483	CHR8:24184483	SSF x LoA	-7,98255935	-0,076	0,303
CHR8	24184504	CHR8:24184504	SSF x LoA	-7,9102616	-0,036	0,299
CHR8	24191760	CHR8:24191760	SSF x LoA	-7,62591922	0,160	0,293
CHR8	24191775	CHR8:24191775	SSF x LoA	-11,6099555	0,027	0,304
CHR8	24191782	CHR8:24191782	SSF x LoA	-9,63841459	-0,052	0,295
CHR8	24195860	CHR8:24195860	SSF x LoA	-10,1717823	0,011	0,303
CHR8	24200306	CHR8:24200306	SSF x LoA	-8,51115511	0,051	0,312
CHR8	24200312	CHR8:24200312	SSF x LoA	-10,0038094	0,038	0,310
CHR8	24200391	CHR8:24200391	SSF x LoA	-6,3975185	-0,141	0,314
CHR8	24200426	CHR8:24200426	SSF x LoA	-8,24535927	0,018	0,315
CHR8	2421172	CHR8:2421172	SSF x LoA	-11,6542351	0,038	0,308
CHR8	2421221	CHR8:2421221	SSF x LoA	-10,7752031	-0,009	0,314
CHR8	2421317	CHR8:2421317	SSF x LoA	-10,0378187	-0,140	0,284
CHR8	24216472	CHR8:24216472	SSF x LoA	-9,97736514	0,018	0,310
CHR8	24216473	CHR8:24216473	SSF x LoA	-9,70301087	0,051	0,315
CHR8	24218967	CHR8:24218967	SSF x LoA	-9,4765973	-0,078	0,300
CHR8	24226230	CHR8:24226230	SSF x LoA	-9,0664021	-0,091	0,295
CHR8	24226267	CHR8:24226267	SSF x LoA	-10,8430286	0,073	0,323
CHR8	24226269	CHR8:24226269	SSF x LoA	-8,53474178	-0,057	0,318
CHR8	24226289	CHR8:24226289	SSF x LoA	-10,667231	-0,015	0,303
CHR8	24226300	CHR8:24226300	SSF x LoA	-9,42572048	0,004	0,313
CHR8	24226390	CHR8:24226390	SSF x LoA	-10,1454517	-0,028	0,306
CHR8	24226467	CHR8:24226467	SSF x LoA	-7,46738888	-0,043	0,319
CHR8	24226491	CHR8:24226491	SSF x LoA	-11,4818327	0,057	0,306
CHR8	24248673	CHR8:24248673	SSF x LoA	-9,17538811	-0,099	0,305
CHR8	24248695	CHR8:24248695	SSF x LoA	-6,86738219	-0,030	0,293
CHR8	24248891	CHR8:24248891	SSF x LoA	-7,70839348	0,018	0,309
CHR8	24248896	CHR8:24248896	SSF x LoA	-9,17183635	-0,026	0,299
CHR8	24248910	CHR8:24248910	SSF x LoA	-6,09378051	0,076	0,319
CHR8	24271375	CHR8:24271375	SSF x LoA	-7,29777839	-0,014	0,303
CHR8	24272483	CHR8:24272483	SSF x LoA	-5,39895685	0,140	0,309
CHR8	24272570	CHR8:24272570	SSF x LoA	-9,49750434	0,022	0,305

CHR8	24274534	CHR8:24274534	SSF x LoA	-6,81802125	-0,007	0,290
CHR8	24275909	CHR8:24275909	SSF x LoA	-7,26108054	-0,195	0,294
CHR8	24275913	CHR8:24275913	SSF x LoA	-7,69481845	0,127	0,291
CHR8	24275921	CHR8:24275921	SSF x LoA	-8,09220631	-0,120	0,311
CHR8	24275962	CHR8:24275962	SSF x LoA	-7,94207729	-0,073	0,300
CHR8	24275988	CHR8:24275988	SSF x LoA	-11,4020681	-0,015	0,306
CHR8	24278533	CHR8:24278533	SSF x LoA	-7,3193085	-0,061	0,308
CHR8	24278678	CHR8:24278678	SSF x LoA	-9,07743502	0,068	0,317
CHR8	24278683	CHR8:24278683	SSF x LoA	-9,43487541	-0,088	0,319
CHR8	24278723	CHR8:24278723	SSF x LoA	-6,42897357	-0,100	0,317
CHR8	24278728	CHR8:24278728	SSF x LoA	-9,47144907	-0,069	0,311
CHR8	24290680	CHR8:24290680	SSF x LoA	-5,69717982	0,131	0,304
CHR8	24290704	CHR8:24290704	SSF x LoA	-9,28944429	0,079	0,310
CHR8	24290744	CHR8:24290744	SSF x LoA	-5,50158037	-0,186	0,299
CHR8	24290819	CHR8:24290819	SSF x LoA	-8,12773444	0,087	0,310
CHR8	24302030	CHR8:24302030	SSF x LoA	-3,39629004	0,028	0,302
CHR8	24302114	CHR8:24302114	SSF x LoA	-8,58211462	-0,137	0,302
CHR8	24304395	CHR8:24304395	SSF x LoA	-8,60717531	0,102	0,309
CHR8	24304474	CHR8:24304474	SSF x LoA	-10,1541813	-0,071	0,325
CHR8	24304577	CHR8:24304577	SSF x LoA	-9,26588441	0,137	0,294
CHR8	24307558	CHR8:24307558	SSF x LoA	-10,1212904	0,056	0,307
CHR8	24307590	CHR8:24307590	SSF x LoA	-9,80900551	-0,004	0,297
CHR8	24307971	CHR8:24307971	SSF x LoA	-7,07551231	0,162	0,287
CHR8	2430955	CHR8:2430955	SSF x LoA	-7,35007868	-0,141	0,300
CHR8	2431242	CHR8:2431242	SSF x LoA	-7,36819154	-0,016	0,305
CHR8	2431259	CHR8:2431259	SSF x LoA	-8,80269642	0,102	0,308
CHR8	24320057	CHR8:24320057	SSF x LoA	-8,73908687	0,056	0,307
CHR8	24320063	CHR8:24320063	SSF x LoA	-7,14928609	-0,050	0,320
CHR8	24320077	CHR8:24320077	SSF x LoA	-8,8163533	-0,038	0,313
CHR8	24320096	CHR8:24320096	SSF x LoA	-9,48922386	0,034	0,306
CHR8	24320126	CHR8:24320126	SSF x LoA	-9,97008678	0,061	0,302
CHR8	24320168	CHR8:24320168	SSF x LoA	-10,0096364	0,077	0,314
CHR8	24320169	CHR8:24320169	SSF x LoA	-8,52334364	-0,007	0,295
CHR8	24320279	CHR8:24320279	SSF x LoA	-9,01318078	0,051	0,301
CHR8	24323825	CHR8:24323825	SSF x LoA	-7,90852825	-0,034	0,308
CHR8	24323973	CHR8:24323973	SSF x LoA	-8,89584288	-0,014	0,316
CHR8	24323987	CHR8:24323987	SSF x LoA	-8,41556078	-0,051	0,310
CHR8	24324037	CHR8:24324037	SSF x LoA	-7,6996876	0,053	0,314
CHR8	24324056	CHR8:24324056	SSF x LoA	-7,53737895	0,043	0,315
CHR8	24326104	CHR8:24326104	SSF x LoA	-9,73089733	-0,129	0,307
CHR8	24326114	CHR8:24326114	SSF x LoA	-8,21664197	-0,147	0,308
CHR8	24326199	CHR8:24326199	SSF x LoA	-9,95744381	-0,039	0,310
CHR8	24326264	CHR8:24326264	SSF x LoA	-12,204709	-0,019	0,303
CHR8	24328337	CHR8:24328337	SSF x LoA	-4,95520992	-0,049	0,304
CHR8	24328348	CHR8:24328348	SSF x LoA	-7,06848009	-0,072	0,299
CHR8	24328365	CHR8:24328365	SSF x LoA	-9,46063392	0,078	0,295
CHR8	24328452	CHR8:24328452	SSF x LoA	-9,30764652	-0,005	0,316
CHR8	24328558	CHR8:24328558	SSF x LoA	-9,93862134	-0,095	0,303
CHR8	24331200	CHR8:24331200	SSF x LoA	-9,23984442	-0,037	0,321
CHR8	24331209	CHR8:24331209	SSF x LoA	-7,57531669	0,100	0,305
CHR8	24331223	CHR8:24331223	SSF x LoA	-11,7329493	0,069	0,306
CHR8	24333017	CHR8:24333017	SSF x LoA	-8,99747878	-0,032	0,304
CHR8	24338886	CHR8:24338886	SSF x LoA	-4,76017767	0,083	0,307

CHR8	24344619	CHR8:24344619	SSF x LoA	-10,1505604	0,052	0,312
CHR8	24344645	CHR8:24344645	SSF x LoA	-8,41328684	0,008	0,321
CHR8	24344653	CHR8:24344653	SSF x LoA	-6,9116883	-0,175	0,311
CHR8	24344677	CHR8:24344677	SSF x LoA	-10,4536598	0,025	0,299
CHR8	24345478	CHR8:24345478	SSF x LoA	-7,02339055	0,162	0,305
CHR8	24345485	CHR8:24345485	SSF x LoA	-10,2458469	0,060	0,288
CHR8	24345496	CHR8:24345496	SSF x LoA	-10,2849878	-0,090	0,302
CHR8	24345504	CHR8:24345504	SSF x LoA	-8,87646372	0,183	0,290
CHR8	24345525	CHR8:24345525	SSF x LoA	-6,10932229	0,140	0,303
CHR8	24345529	CHR8:24345529	SSF x LoA	-2,56816534	0,107	0,304
CHR8	24345560	CHR8:24345560	SSF x LoA	-8,92550104	-0,080	0,305
CHR8	2435703	CHR8:2435703	SSF x LoA	-7,88316763	-0,064	0,302
CHR8	2435704	CHR8:2435704	SSF x LoA	-4,88980085	0,076	0,310
CHR8	2435740	CHR8:2435740	SSF x LoA	-4,6571828	-0,053	0,311
CHR8	2435765	CHR8:2435765	SSF x LoA	-8,60157598	0,124	0,323
CHR8	2435767	CHR8:2435767	SSF x LoA	-7,74879968	0,074	0,307
CHR8	2435844	CHR8:2435844	SSF x LoA	-7,27517671	0,037	0,293
CHR8	24361498	CHR8:24361498	SSF x LoA	-10,6757075	0,089	0,305
CHR8	24361671	CHR8:24361671	SSF x LoA	-9,30137039	-0,042	0,310
CHR8	24361705	CHR8:24361705	SSF x LoA	-5,14236951	-0,077	0,304
CHR8	24367866	CHR8:24367866	SSF x LoA	-9,9568916	-0,113	0,298
CHR8	24367910	CHR8:24367910	SSF x LoA	-9,83859795	-0,081	0,304
CHR8	24373561	CHR8:24373561	SSF x LoA	-8,00586835	0,117	0,311
CHR8	24399702	CHR8:24399702	SSF x LoA	-3,7975446	-0,133	0,295
CHR8	24399762	CHR8:24399762	SSF x LoA	-9,67984582	0,015	0,315
CHR8	24399826	CHR8:24399826	SSF x LoA	-8,50594486	-0,047	0,298
CHR8	2441017	CHR8:2441017	SSF x LoA	-10,697006	-0,084	0,316
CHR8	24414247	CHR8:24414247	SSF x LoA	-8,35232904	-0,091	0,304
CHR8	24414372	CHR8:24414372	SSF x LoA	-9,32060748	-0,054	0,319
CHR8	24414381	CHR8:24414381	SSF x LoA	-7,36758099	-0,095	0,302
CHR8	24414396	CHR8:24414396	SSF x LoA	-8,26907311	-0,083	0,310
CHR8	24414428	CHR8:24414428	SSF x LoA	-9,58212888	-0,024	0,319
CHR8	24414476	CHR8:24414476	SSF x LoA	-8,0845051	0,088	0,313
CHR8	24418034	CHR8:24418034	SSF x LoA	-9,02794598	0,061	0,309
CHR8	24418038	CHR8:24418038	SSF x LoA	-8,66493988	-0,040	0,323
CHR8	24418097	CHR8:24418097	SSF x LoA	-8,03963087	-0,205	0,291
CHR8	24418167	CHR8:24418167	SSF x LoA	-8,41443014	-0,042	0,313
CHR8	2443136	CHR8:2443136	SSF x LoA	-10,0020905	-0,092	0,305
CHR8	2443306	CHR8:2443306	SSF x LoA	-8,08004447	0,072	0,296
CHR8	2443317	CHR8:2443317	SSF x LoA	-8,38475943	0,086	0,308
CHR8	24433296	CHR8:24433296	SSF x LoA	-9,57749854	0,066	0,293
CHR8	24451505	CHR8:24451505	SSF x LoA	-6,2953202	0,071	0,315
CHR8	24451507	CHR8:24451507	SSF x LoA	-9,22355714	0,062	0,306
CHR8	24457837	CHR8:24457837	SSF x LoA	-9,79850588	-0,036	0,293
CHR8	24457916	CHR8:24457916	SSF x LoA	-11,3165195	-0,053	0,311
CHR8	24458051	CHR8:24458051	SSF x LoA	-8,00603102	-0,120	0,318
CHR8	24459839	CHR8:24459839	SSF x LoA	-8,97427492	0,041	0,314
CHR8	24460010	CHR8:24460010	SSF x LoA	-4,8483741	-0,053	0,301
CHR8	24461722	CHR8:24461722	SSF x LoA	-9,90366326	-0,059	0,303
CHR8	24461746	CHR8:24461746	SSF x LoA	-9,27195384	0,080	0,298
CHR8	24461752	CHR8:24461752	SSF x LoA	-3,97253243	-0,079	0,311
CHR8	24477757	CHR8:24477757	SSF x LoA	-9,06556263	-0,031	0,288
CHR8	24477842	CHR8:24477842	SSF x LoA	-9,4845003	-0,031	0,311

CHR8	24478810	CHR8:24478810	SSF x LoA	-5,89051902	-0,016	0,300
CHR8	24478868	CHR8:24478868	SSF x LoA	-9,49918389	0,010	0,289
CHR8	24478920	CHR8:24478920	SSF x LoA	24,9589163	-0,003	0,312
CHR8	24478929	CHR8:24478929	SSF x LoA	-8,35261062	0,020	0,308
CHR8	24484735	CHR8:24484735	SSF x LoA	-2,650485	0,036	0,305
CHR8	24484816	CHR8:24484816	SSF x LoA	-0,02077495	0,044	0,303
CHR8	24488394	CHR8:24488394	SSF x LoA	-9,87545825	0,032	0,303
CHR8	2448902	CHR8:2448902	SSF x LoA	-8,10873717	0,020	0,319
CHR8	2448923	CHR8:2448923	SSF x LoA	-8,82462293	0,050	0,312
CHR8	2448927	CHR8:2448927	SSF x LoA	-0,74518092	-0,083	0,305
CHR8	2448938	CHR8:2448938	SSF x LoA	-9,60351615	0,011	0,314
CHR8	2448972	CHR8:2448972	SSF x LoA	-11,3430129	-0,039	0,312
CHR8	2448978	CHR8:2448978	SSF x LoA	-8,85814868	0,087	0,302
CHR8	2449092	CHR8:2449092	SSF x LoA	-9,15118087	-0,054	0,297
CHR8	24505230	CHR8:24505230	SSF x LoA	-9,22225244	-0,037	0,300
CHR8	24516260	CHR8:24516260	SSF x LoA	-10,7458371	-0,022	0,316
CHR8	24516261	CHR8:24516261	SSF x LoA	-10,5894688	-0,076	0,301
CHR8	24516263	CHR8:24516263	SSF x LoA	-10,2860935	-0,012	0,322
CHR8	24516299	CHR8:24516299	SSF x LoA	-9,02749023	0,045	0,299
CHR8	24516338	CHR8:24516338	SSF x LoA	-9,23679341	0,095	0,310
CHR8	24516363	CHR8:24516363	SSF x LoA	-9,74993064	-0,110	0,312
CHR8	24516368	CHR8:24516368	SSF x LoA	-10,7193079	-0,097	0,319
CHR8	24516378	CHR8:24516378	SSF x LoA	-10,9324333	-0,071	0,305
CHR8	24516405	CHR8:24516405	SSF x LoA	-6,14835938	0,024	0,315
CHR8	24516475	CHR8:24516475	SSF x LoA	-10,4879636	0,157	0,286
CHR8	24527892	CHR8:24527892	SSF x LoA	-9,9642165	-0,041	0,319
CHR8	24537533	CHR8:24537533	SSF x LoA	-11,6608456	0,016	0,308
CHR8	2457182	CHR8:2457182	SSF x LoA	-8,4435067	0,136	0,308
CHR8	2457246	CHR8:2457246	SSF x LoA	-9,11076789	-0,022	0,305
CHR8	24575469	CHR8:24575469	SSF x LoA	-8,53299767	-0,010	0,306
CHR8	24575479	CHR8:24575479	SSF x LoA	-7,87103152	-0,002	0,320
CHR8	24579590	CHR8:24579590	SSF x LoA	-11,452576	-0,011	0,309
CHR8	24594523	CHR8:24594523	SSF x LoA	-10,2821519	0,031	0,305
CHR8	24602556	CHR8:24602556	SSF x LoA	-9,31229721	-0,028	0,310
CHR8	24606275	CHR8:24606275	SSF x LoA	-6,34814048	-0,025	0,307
CHR8	2462352	CHR8:2462352	SSF x LoA	-9,80730254	-0,069	0,305
CHR8	2462399	CHR8:2462399	SSF x LoA	-9,76192109	0,045	0,293
CHR8	2462400	CHR8:2462400	SSF x LoA	-8,40953899	-0,087	0,304
CHR8	24630121	CHR8:24630121	SSF x LoA	-11,4716507	0,031	0,316
CHR8	24630190	CHR8:24630190	SSF x LoA	-12,3075618	0,060	0,293
CHR8	24647337	CHR8:24647337	SSF x LoA	-9,68631825	-0,090	0,303
CHR8	24682570	CHR8:24682570	SSF x LoA	-6,69741229	-0,070	0,313
CHR8	24682630	CHR8:24682630	SSF x LoA	-6,67061647	0,118	0,303
CHR8	24682681	CHR8:24682681	SSF x LoA	-2,63561154	-0,083	0,299
CHR8	24685069	CHR8:24685069	SSF x LoA	-10,3147548	0,015	0,305
CHR8	24685128	CHR8:24685128	SSF x LoA	-8,22125121	-0,034	0,303
CHR8	24685192	CHR8:24685192	SSF x LoA	-8,26871601	0,082	0,310
CHR8	24685252	CHR8:24685252	SSF x LoA	-10,685825	-0,057	0,308
CHR8	24685273	CHR8:24685273	SSF x LoA	-10,3247729	0,117	0,297
CHR8	24688931	CHR8:24688931	SSF x LoA	-7,62922646	-0,133	0,293
CHR8	24688933	CHR8:24688933	SSF x LoA	-8,60904535	-0,145	0,296
CHR8	24688941	CHR8:24688941	SSF x LoA	-8,00343134	-0,142	0,289
CHR8	24688962	CHR8:24688962	SSF x LoA	-10,182945	-0,008	0,311

CHR8	24688985	CHR8:24688985	SSF x LoA	-8,22967814	0,090	0,304
CHR8	24689294	CHR8:24689294	SSF x LoA	-10,7140866	0,064	0,313
CHR8	24689308	CHR8:24689308	SSF x LoA	-9,78883467	-0,030	0,303
CHR8	24689313	CHR8:24689313	SSF x LoA	-12,6196671	0,031	0,295
CHR8	24691416	CHR8:24691416	SSF x LoA	-11,8502579	-0,064	0,302
CHR8	24691460	CHR8:24691460	SSF x LoA	-10,205713	-0,102	0,310
CHR8	24691588	CHR8:24691588	SSF x LoA	-7,67461015	0,075	0,314
CHR8	24691613	CHR8:24691613	SSF x LoA	-7,70718859	0,133	0,295
CHR8	24691667	CHR8:24691667	SSF x LoA	-10,2261575	0,001	0,303
CHR8	24693931	CHR8:24693931	SSF x LoA	-8,0189515	-0,121	0,296
CHR8	24693963	CHR8:24693963	SSF x LoA	-7,33391721	-0,023	0,320
CHR8	24693967	CHR8:24693967	SSF x LoA	-8,40827954	-0,018	0,305
CHR8	24693980	CHR8:24693980	SSF x LoA	-8,35572372	-0,082	0,321
CHR8	24693996	CHR8:24693996	SSF x LoA	-8,79145435	0,069	0,296
CHR8	24694018	CHR8:24694018	SSF x LoA	-8,22814675	0,021	0,313
CHR8	24695774	CHR8:24695774	SSF x LoA	-9,25062141	0,095	0,310
CHR8	24695852	CHR8:24695852	SSF x LoA	-11,3168428	0,018	0,287
CHR8	24695853	CHR8:24695853	SSF x LoA	-9,61552915	0,031	0,310
CHR8	24744445	CHR8:24744445	SSF x LoA	-8,95802147	-0,136	0,311
CHR8	24744510	CHR8:24744510	SSF x LoA	-4,91949669	0,111	0,311
CHR8	24744610	CHR8:24744610	SSF x LoA	-4,41756945	0,087	0,297
CHR8	24744614	CHR8:24744614	SSF x LoA	-7,52964512	0,228	0,307
CHR8	24744631	CHR8:24744631	SSF x LoA	-10,2595562	0,051	0,296
CHR8	24744635	CHR8:24744635	SSF x LoA	-6,87124193	0,192	0,290
CHR8	24744667	CHR8:24744667	SSF x LoA	-11,0085438	-0,046	0,305
CHR8	24749917	CHR8:24749917	SSF x LoA	-11,1022875	0,045	0,298
CHR8	24749970	CHR8:24749970	SSF x LoA	-9,33130444	-0,124	0,309
CHR8	24751205	CHR8:24751205	SSF x LoA	-10,3201566	0,011	0,313
CHR8	24759116	CHR8:24759116	SSF x LoA	-11,2353374	0,073	0,302
CHR8	24759120	CHR8:24759120	SSF x LoA	-5,03322801	0,022	0,303
CHR8	24759123	CHR8:24759123	SSF x LoA	-9,14759286	0,018	0,324
CHR8	24792363	CHR8:24792363	SSF x LoA	-8,79185595	0,043	0,300
CHR8	24800438	CHR8:24800438	SSF x LoA	-7,34219602	-0,013	0,320
CHR8	24800538	CHR8:24800538	SSF x LoA	-12,2154792	-0,059	0,297
CHR8	24800584	CHR8:24800584	SSF x LoA	-9,65949738	0,025	0,298
CHR8	24802424	CHR8:24802424	SSF x LoA	-8,11413764	-0,088	0,302
CHR8	24812593	CHR8:24812593	SSF x LoA	-9,95619186	0,032	0,298
CHR8	24812594	CHR8:24812594	SSF x LoA	-11,2179925	0,065	0,305
CHR8	24812636	CHR8:24812636	SSF x LoA	-8,41127959	0,061	0,315
CHR8	24812686	CHR8:24812686	SSF x LoA	-10,2031507	0,034	0,303
CHR8	24812722	CHR8:24812722	SSF x LoA	-11,2914533	0,092	0,296
CHR8	24839448	CHR8:24839448	SSF x LoA	-1,00502721	-0,214	0,287
CHR8	24839508	CHR8:24839508	SSF x LoA	-11,1917758	-0,078	0,305
CHR8	24850763	CHR8:24850763	SSF x LoA	-12,165676	0,005	0,301
CHR8	24860964	CHR8:24860964	SSF x LoA	-9,8098863	-0,083	0,302
CHR8	24861079	CHR8:24861079	SSF x LoA	-10,8495084	-0,044	0,298
CHR8	24873131	CHR8:24873131	SSF x LoA	-9,66124829	0,113	0,305
CHR8	24894525	CHR8:24894525	SSF x LoA	-11,2312108	0,035	0,309
CHR8	24894540	CHR8:24894540	SSF x LoA	-9,68723719	0,080	0,310
CHR8	24894553	CHR8:24894553	SSF x LoA	-9,04079776	-0,040	0,313
CHR8	24897270	CHR8:24897270	SSF x LoA	-6,23663869	0,124	0,314
CHR8	24897332	CHR8:24897332	SSF x LoA	-10,0044516	0,007	0,303
CHR8	24897348	CHR8:24897348	SSF x LoA	-8,02472348	0,037	0,311

CHR8	24897351	CHR8:24897351	SSF x LoA	-9,54508947	0,018	0,297
CHR8	24910708	CHR8:24910708	SSF x LoA	-7,0697818	-0,168	0,317
CHR8	2492734	CHR8:2492734	SSF x LoA	-9,61120767	0,113	0,305
CHR8	2492757	CHR8:2492757	SSF x LoA	-10,5428348	0,047	0,313
CHR8	2492927	CHR8:2492927	SSF x LoA	-9,41815926	-0,042	0,310
CHR8	24932892	CHR8:24932892	SSF x LoA	-4,85738973	-0,201	0,302
CHR8	24939795	CHR8:24939795	SSF x LoA	-9,19960708	0,022	0,312
CHR8	24940866	CHR8:24940866	SSF x LoA	-10,8548277	0,045	0,302
CHR8	24950046	CHR8:24950046	SSF x LoA	-8,70119642	-0,004	0,298
CHR8	24950213	CHR8:24950213	SSF x LoA	-9,5995081	0,005	0,312
CHR8	24982714	CHR8:24982714	SSF x LoA	-7,41652557	0,144	0,284
CHR8	24986949	CHR8:24986949	SSF x LoA	-7,51139093	0,123	0,294
CHR8	24990916	CHR8:24990916	SSF x LoA	-11,5492796	0,000	0,308
CHR8	24991822	CHR8:24991822	SSF x LoA	-9,23086815	0,045	0,310
CHR8	24992428	CHR8:24992428	SSF x LoA	-10,9028687	-0,002	0,318
CHR8	24993907	CHR8:24993907	SSF x LoA	-9,39268963	0,023	0,304
CHR8	24993991	CHR8:24993991	SSF x LoA	-11,4889932	-0,017	0,313
CHR8	2499470	CHR8:2499470	SSF x LoA	-3,59984972	-0,048	0,302
CHR8	2499951	CHR8:2499951	SSF x LoA	-9,47056411	0,050	0,310
CHR8	2500066	CHR8:2500066	SSF x LoA	-9,60056687	-0,006	0,316
CHR8	25018569	CHR8:25018569	SSF x LoA	-12,2777043	-0,038	0,302
CHR8	25023016	CHR8:25023016	SSF x LoA	-11,2273053	-0,018	0,295
CHR8	25031696	CHR8:25031696	SSF x LoA	-6,49767035	0,008	0,309
CHR8	25037661	CHR8:25037661	SSF x LoA	-8,53375576	-0,101	0,310
CHR8	2505030	CHR8:2505030	SSF x LoA	-8,63204962	0,021	0,313
CHR8	2505056	CHR8:2505056	SSF x LoA	-8,45727681	-0,041	0,301
CHR8	2505073	CHR8:2505073	SSF x LoA	-8,75938869	0,074	0,288
CHR8	25057548	CHR8:25057548	SSF x LoA	-11,1071226	0,058	0,296
CHR8	25057565	CHR8:25057565	SSF x LoA	-3,54419252	0,061	0,301
CHR8	25057621	CHR8:25057621	SSF x LoA	-9,01286584	0,042	0,312
CHR8	25057823	CHR8:25057823	SSF x LoA	-10,5486172	-0,063	0,298
CHR8	25073108	CHR8:25073108	SSF x LoA	-9,56387455	-0,065	0,306
CHR8	25077334	CHR8:25077334	SSF x LoA	-10,4827234	0,125	0,304
CHR8	25080666	CHR8:25080666	SSF x LoA	-8,9590643	-0,036	0,305
CHR8	25080872	CHR8:25080872	SSF x LoA	-7,25218524	0,068	0,311
CHR8	25080933	CHR8:25080933	SSF x LoA	-10,7413698	0,159	0,285
CHR8	25091229	CHR8:25091229	SSF x LoA	-8,56223323	-0,100	0,303
CHR8	25091318	CHR8:25091318	SSF x LoA	-8,25972774	-0,093	0,298
CHR8	25091319	CHR8:25091319	SSF x LoA	-9,11544767	-0,048	0,303
CHR8	25091323	CHR8:25091323	SSF x LoA	-10,9354002	0,004	0,313
CHR8	25091357	CHR8:25091357	SSF x LoA	-10,7738522	-0,101	0,296
CHR8	25095965	CHR8:25095965	SSF x LoA	-9,53791447	-0,010	0,303
CHR8	25095989	CHR8:25095989	SSF x LoA	-9,02778447	0,044	0,311
CHR8	25095997	CHR8:25095997	SSF x LoA	-11,0894259	-0,047	0,304
CHR8	25096029	CHR8:25096029	SSF x LoA	-11,4914514	-0,029	0,310
CHR8	25096046	CHR8:25096046	SSF x LoA	-8,43196466	0,061	0,286
CHR8	25096059	CHR8:25096059	SSF x LoA	-7,72922247	-0,093	0,312
CHR8	25096163	CHR8:25096163	SSF x LoA	-9,17840316	0,007	0,309
CHR8	25096192	CHR8:25096192	SSF x LoA	-8,41836907	0,015	0,294
CHR8	25096217	CHR8:25096217	SSF x LoA	-8,56478492	0,004	0,301
CHR8	25101881	CHR8:25101881	SSF x LoA	-8,74368387	-0,026	0,305
CHR8	25118903	CHR8:25118903	SSF x LoA	-8,79771098	-0,013	0,311
CHR8	25124747	CHR8:25124747	SSF x LoA	-9,71206635	0,077	0,316

CHR8	25124762	CHR8:25124762	SSF x LoA	-6,79027457	0,085	0,310
CHR8	25147305	CHR8:25147305	SSF x LoA	-8,39845385	0,089	0,302
CHR8	2516394	CHR8:2516394	SSF x LoA	-6,82011931	-0,108	0,312
CHR8	2516413	CHR8:2516413	SSF x LoA	-7,85047942	0,115	0,294
CHR8	2516450	CHR8:2516450	SSF x LoA	-11,1859878	0,031	0,301
CHR8	25166916	CHR8:25166916	SSF x LoA	-9,60304139	0,034	0,300
CHR8	25180440	CHR8:25180440	SSF x LoA	-8,23437294	0,040	0,315
CHR8	25194429	CHR8:25194429	SSF x LoA	-6,50805725	0,151	0,302
CHR8	25194432	CHR8:25194432	SSF x LoA	-8,88127504	0,139	0,293
CHR8	25194459	CHR8:25194459	SSF x LoA	-9,94726581	0,144	0,305
CHR8	25194488	CHR8:25194488	SSF x LoA	-11,4359362	0,091	0,297
CHR8	25194504	CHR8:25194504	SSF x LoA	-11,0894169	0,101	0,303
CHR8	25194513	CHR8:25194513	SSF x LoA	-4,30807964	-0,175	0,296
CHR8	25194536	CHR8:25194536	SSF x LoA	-10,8350621	0,078	0,311
CHR8	25194551	CHR8:25194551	SSF x LoA	-8,44953503	-0,032	0,310
CHR8	25199262	CHR8:25199262	SSF x LoA	-9,36966845	-0,045	0,301
CHR8	25199278	CHR8:25199278	SSF x LoA	-8,63410291	0,080	0,308
CHR8	25199296	CHR8:25199296	SSF x LoA	-9,80124304	-0,103	0,299
CHR8	25200956	CHR8:25200956	SSF x LoA	-7,58533389	0,094	0,302
CHR8	25201577	CHR8:25201577	SSF x LoA	-9,93370145	0,016	0,299
CHR8	25201637	CHR8:25201637	SSF x LoA	-6,18097093	0,123	0,310
CHR8	25201638	CHR8:25201638	SSF x LoA	-7,8482393	-0,102	0,310
CHR8	25207497	CHR8:25207497	SSF x LoA	-10,8242305	-0,002	0,318
CHR8	25213030	CHR8:25213030	SSF x LoA	-10,9170117	0,094	0,299
CHR8	25213157	CHR8:25213157	SSF x LoA	-9,33238094	0,040	0,293
CHR8	25214856	CHR8:25214856	SSF x LoA	-9,76292344	0,081	0,306
CHR8	25216063	CHR8:25216063	SSF x LoA	-7,30496638	-0,043	0,307
CHR8	25218463	CHR8:25218463	SSF x LoA	-3,99331945	0,174	0,289
CHR8	25220527	CHR8:25220527	SSF x LoA	-7,41572392	-0,036	0,294
CHR8	25220609	CHR8:25220609	SSF x LoA	-9,25232733	-0,032	0,318
CHR8	25222452	CHR8:25222452	SSF x LoA	-9,32047945	-0,093	0,305
CHR8	25222552	CHR8:25222552	SSF x LoA	-11,0791788	0,028	0,298
CHR8	25222574	CHR8:25222574	SSF x LoA	-11,1749799	-0,045	0,301
CHR8	25223366	CHR8:25223366	SSF x LoA	-10,5009054	-0,008	0,314
CHR8	25223394	CHR8:25223394	SSF x LoA	-9,2043475	-0,014	0,307
CHR8	25223443	CHR8:25223443	SSF x LoA	-8,51420959	0,101	0,318
CHR8	25223461	CHR8:25223461	SSF x LoA	-8,11087278	0,042	0,298
CHR8	25223599	CHR8:25223599	SSF x LoA	-6,73548441	-0,085	0,307
CHR8	25223619	CHR8:25223619	SSF x LoA	-12,3075851	-0,016	0,302
CHR8	25223749	CHR8:25223749	SSF x LoA	-12,0030374	0,000	0,293
CHR8	25238405	CHR8:25238405	SSF x LoA	-10,2376877	0,011	0,298
CHR8	25247569	CHR8:25247569	SSF x LoA	-10,3266987	-0,069	0,304
CHR8	25247571	CHR8:25247571	SSF x LoA	-8,14395235	-0,101	0,305
CHR8	25247572	CHR8:25247572	SSF x LoA	-10,3349785	0,019	0,312
CHR8	2525409	CHR8:2525409	SSF x LoA	-9,5650811	0,080	0,301
CHR8	25271236	CHR8:25271236	SSF x LoA	-10,145424	0,025	0,324
CHR8	25271237	CHR8:25271237	SSF x LoA	-9,87219422	0,023	0,325
CHR8	25271252	CHR8:25271252	SSF x LoA	-9,9991415	0,033	0,306
CHR8	25271769	CHR8:25271769	SSF x LoA	-8,74067586	0,081	0,293
CHR8	25276359	CHR8:25276359	SSF x LoA	-10,7860957	-0,088	0,298
CHR8	25276378	CHR8:25276378	SSF x LoA	-11,0662639	-0,053	0,294
CHR8	25276445	CHR8:25276445	SSF x LoA	-9,98740262	0,030	0,310
CHR8	25276446	CHR8:25276446	SSF x LoA	-7,86442469	0,021	0,319

CHR8	25276459	CHR8:25276459	SSF x LoA	-10,7776547	0,004	0,307
CHR8	25276480	CHR8:25276480	SSF x LoA	-10,5309846	0,063	0,305
CHR8	25276525	CHR8:25276525	SSF x LoA	-10,9324657	0,064	0,306
CHR8	25276652	CHR8:25276652	SSF x LoA	-8,71158782	0,046	0,313
CHR8	25276690	CHR8:25276690	SSF x LoA	-0,87931688	0,138	0,315
CHR8	25290591	CHR8:25290591	SSF x LoA	-10,1478287	-0,049	0,317
CHR8	25290805	CHR8:25290805	SSF x LoA	-9,80543189	0,096	0,312
CHR8	2529471	CHR8:2529471	SSF x LoA	-10,2865815	-0,034	0,309
CHR8	2529485	CHR8:2529485	SSF x LoA	-9,06185603	-0,137	0,298
CHR8	2529499	CHR8:2529499	SSF x LoA	-9,56354454	-0,037	0,303
CHR8	25295324	CHR8:25295324	SSF x LoA	-10,957561	-0,083	0,302
CHR8	25295416	CHR8:25295416	SSF x LoA	-6,49707032	0,209	0,297
CHR8	2529588	CHR8:2529588	SSF x LoA	-8,62043196	0,015	0,316
CHR8	2529615	CHR8:2529615	SSF x LoA	-11,7448762	-0,084	0,302
CHR8	25297572	CHR8:25297572	SSF x LoA	-10,8456297	-0,017	0,293
CHR8	25297609	CHR8:25297609	SSF x LoA	-9,57434806	-0,118	0,317
CHR8	25297640	CHR8:25297640	SSF x LoA	-7,48624698	0,106	0,286
CHR8	25305201	CHR8:25305201	SSF x LoA	-9,11748565	0,006	0,307
CHR8	25305205	CHR8:25305205	SSF x LoA	-10,6600678	-0,024	0,295
CHR8	25305385	CHR8:25305385	SSF x LoA	-12,0583212	-0,015	0,295
CHR8	25305546	CHR8:25305546	SSF x LoA	-8,7425014	0,069	0,310
CHR8	25313108	CHR8:25313108	SSF x LoA	-5,83823728	-0,004	0,327
CHR8	25313181	CHR8:25313181	SSF x LoA	-9,90180758	-0,109	0,302
CHR8	25315750	CHR8:25315750	SSF x LoA	-8,38851969	-0,084	0,318
CHR8	25315752	CHR8:25315752	SSF x LoA	-10,3981672	-0,100	0,310
CHR8	25315785	CHR8:25315785	SSF x LoA	-7,5174719	-0,108	0,292
CHR8	25315789	CHR8:25315789	SSF x LoA	-7,01995828	-0,107	0,302
CHR8	25315814	CHR8:25315814	SSF x LoA	-12,3607406	-0,017	0,309
CHR8	25315891	CHR8:25315891	SSF x LoA	-11,4698513	-0,056	0,295
CHR8	25315906	CHR8:25315906	SSF x LoA	-8,3025786	-0,066	0,322
CHR8	25318847	CHR8:25318847	SSF x LoA	-10,158842	-0,080	0,313
CHR8	25322786	CHR8:25322786	SSF x LoA	-10,5400614	0,000	0,309
CHR8	25322808	CHR8:25322808	SSF x LoA	-8,8498002	-0,010	0,312
CHR8	25322824	CHR8:25322824	SSF x LoA	-11,8303724	-0,006	0,308
CHR8	25322833	CHR8:25322833	SSF x LoA	-11,4983907	-0,045	0,308
CHR8	25322857	CHR8:25322857	SSF x LoA	-9,29723194	0,031	0,307
CHR8	25332381	CHR8:25332381	SSF x LoA	-8,67431033	-0,014	0,301
CHR8	25332513	CHR8:25332513	SSF x LoA	-10,811243	-0,026	0,301
CHR8	25332516	CHR8:25332516	SSF x LoA	-8,13050908	-0,055	0,308
CHR8	25342557	CHR8:25342557	SSF x LoA	-5,92173184	0,081	0,310
CHR8	25342706	CHR8:25342706	SSF x LoA	-9,81905252	-0,088	0,306
CHR8	25343448	CHR8:25343448	SSF x LoA	-8,15907181	0,012	0,305
CHR8	25343458	CHR8:25343458	SSF x LoA	-8,28633747	0,046	0,304
CHR8	25343517	CHR8:25343517	SSF x LoA	-9,2210698	0,012	0,299
CHR8	25355634	CHR8:25355634	SSF x LoA	-7,36735621	0,146	0,301
CHR8	25366861	CHR8:25366861	SSF x LoA	-9,27485111	0,047	0,301
CHR8	25366920	CHR8:25366920	SSF x LoA	-8,15527116	-0,017	0,324
CHR8	25366970	CHR8:25366970	SSF x LoA	-9,22250412	0,039	0,300
CHR8	25367061	CHR8:25367061	SSF x LoA	-8,8749064	0,001	0,303
CHR8	25367081	CHR8:25367081	SSF x LoA	-10,4310616	-0,001	0,313
CHR8	25367183	CHR8:25367183	SSF x LoA	-10,9590855	0,133	0,298
CHR8	25379690	CHR8:25379690	SSF x LoA	-11,1140997	-0,049	0,307
CHR8	25379705	CHR8:25379705	SSF x LoA	-10,4073424	0,022	0,306

CHR8	25384212	CHR8:25384212	SSF x LoA	-9,9239527	0,060	0,308
CHR8	25384256	CHR8:25384256	SSF x LoA	-7,14333079	-0,023	0,316
CHR8	25384715	CHR8:25384715	SSF x LoA	-9,60270084	0,046	0,295
CHR8	25384772	CHR8:25384772	SSF x LoA	-8,41422212	-0,077	0,307
CHR8	25387156	CHR8:25387156	SSF x LoA	-10,0279274	-0,037	0,301
CHR8	25394244	CHR8:25394244	SSF x LoA	-7,72473347	-0,162	0,312
CHR8	25405307	CHR8:25405307	SSF x LoA	-10,1033825	-0,116	0,302
CHR8	254166	CHR8:254166	SSF x LoA	-8,33066111	-0,030	0,300
CHR8	25419887	CHR8:25419887	SSF x LoA	-9,24054293	-0,077	0,307
CHR8	25419934	CHR8:25419934	SSF x LoA	-8,12530818	-0,086	0,306
CHR8	25420037	CHR8:25420037	SSF x LoA	-9,39563528	-0,019	0,317
CHR8	25420068	CHR8:25420068	SSF x LoA	-10,8899732	-0,087	0,320
CHR8	25421272	CHR8:25421272	SSF x LoA	-8,63733117	-0,019	0,322
CHR8	25421273	CHR8:25421273	SSF x LoA	-6,7042112	-0,113	0,318
CHR8	25421330	CHR8:25421330	SSF x LoA	-7,80403978	0,190	0,292
CHR8	254227	CHR8:254227	SSF x LoA	-9,42669056	-0,062	0,301
CHR8	2543707	CHR8:2543707	SSF x LoA	-1,74806604	0,025	0,318
CHR8	2543891	CHR8:2543891	SSF x LoA	-9,36416045	-0,025	0,308
CHR8	2543938	CHR8:2543938	SSF x LoA	-6,33204295	-0,035	0,302
CHR8	25442113	CHR8:25442113	SSF x LoA	-3,61311748	0,197	0,297
CHR8	2546855	CHR8:2546855	SSF x LoA	-8,09438384	-0,013	0,310
CHR8	2546872	CHR8:2546872	SSF x LoA	-10,9756941	-0,048	0,297
CHR8	2546904	CHR8:2546904	SSF x LoA	-7,38121527	0,145	0,310
CHR8	2546950	CHR8:2546950	SSF x LoA	-10,4678118	-0,027	0,294
CHR8	2546956	CHR8:2546956	SSF x LoA	-10,6999018	-0,012	0,300
CHR8	2546960	CHR8:2546960	SSF x LoA	-11,1935438	0,021	0,311
CHR8	2547033	CHR8:2547033	SSF x LoA	-10,2050358	0,014	0,298
CHR8	2547067	CHR8:2547067	SSF x LoA	-7,60370629	0,044	0,312
CHR8	25475883	CHR8:25475883	SSF x LoA	-10,0135874	-0,113	0,286
CHR8	25479476	CHR8:25479476	SSF x LoA	-10,1732839	0,064	0,309
CHR8	25479485	CHR8:25479485	SSF x LoA	-7,83014715	-0,113	0,281
CHR8	25481845	CHR8:25481845	SSF x LoA	-9,68572751	-0,080	0,317
CHR8	25484235	CHR8:25484235	SSF x LoA	-8,83034723	-0,078	0,298
CHR8	25484451	CHR8:25484451	SSF x LoA	-9,51897636	0,014	0,306
CHR8	25492257	CHR8:25492257	SSF x LoA	-12,2396803	0,006	0,304
CHR8	25492398	CHR8:25492398	SSF x LoA	-4,75820327	0,105	0,303
CHR8	25498307	CHR8:25498307	SSF x LoA	-9,93977242	-0,118	0,313
CHR8	25498375	CHR8:25498375	SSF x LoA	-7,14255521	0,106	0,286
CHR8	25500790	CHR8:25500790	SSF x LoA	-11,1210071	0,013	0,325
CHR8	25516001	CHR8:25516001	SSF x LoA	-9,01625813	0,034	0,307
CHR8	25527119	CHR8:25527119	SSF x LoA	-8,53007697	0,054	0,315
CHR8	25527280	CHR8:25527280	SSF x LoA	-6,96150008	0,003	0,309
CHR8	25551262	CHR8:25551262	SSF x LoA	-10,3007592	-0,055	0,294
CHR8	2556474	CHR8:2556474	SSF x LoA	-10,6299701	0,063	0,308
CHR8	2556512	CHR8:2556512	SSF x LoA	-11,255593	-0,024	0,302
CHR8	2556555	CHR8:2556555	SSF x LoA	-10,185081	0,018	0,295
CHR8	25589367	CHR8:25589367	SSF x LoA	-7,41054783	0,099	0,301
CHR8	2560616	CHR8:2560616	SSF x LoA	-7,48678549	-0,106	0,320
CHR8	2560660	CHR8:2560660	SSF x LoA	-9,05306941	0,016	0,332
CHR8	2562385	CHR8:2562385	SSF x LoA	-8,49146934	-0,038	0,312
CHR8	2562392	CHR8:2562392	SSF x LoA	-7,51879855	-0,072	0,304
CHR8	2562396	CHR8:2562396	SSF x LoA	-8,42325161	-0,039	0,294
CHR8	25632756	CHR8:25632756	SSF x LoA	-9,43956422	-0,130	0,303

CHR8	25643681	CHR8:25643681	SSF x LoA	-8,20173183	-0,012	0,317
CHR8	25646128	CHR8:25646128	SSF x LoA	-8,93310818	0,024	0,319
CHR8	25646988	CHR8:25646988	SSF x LoA	-11,4159711	0,018	0,292
CHR8	25647081	CHR8:25647081	SSF x LoA	-10,3433514	-0,029	0,311
CHR8	25648258	CHR8:25648258	SSF x LoA	-5,44789333	-0,057	0,317
CHR8	25648989	CHR8:25648989	SSF x LoA	-7,65494581	0,056	0,293
CHR8	25659880	CHR8:25659880	SSF x LoA	-8,53365132	0,079	0,304
CHR8	25659933	CHR8:25659933	SSF x LoA	-10,7271069	0,020	0,312
CHR8	25660003	CHR8:25660003	SSF x LoA	-9,76390218	-0,076	0,309
CHR8	25660026	CHR8:25660026	SSF x LoA	-10,8620648	-0,055	0,299
CHR8	25677668	CHR8:25677668	SSF x LoA	-8,26118205	0,106	0,301
CHR8	25678009	CHR8:25678009	SSF x LoA	-8,50450345	0,091	0,304
CHR8	25686164	CHR8:25686164	SSF x LoA	-10,1667517	0,015	0,289
CHR8	25693122	CHR8:25693122	SSF x LoA	-11,7089503	-0,006	0,298
CHR8	25693277	CHR8:25693277	SSF x LoA	-9,9499806	-0,108	0,298
CHR8	25693354	CHR8:25693354	SSF x LoA	-7,78639794	-0,015	0,310
CHR8	2570699	CHR8:2570699	SSF x LoA	-4,82969744	-0,084	0,294
CHR8	2570757	CHR8:2570757	SSF x LoA	-10,3761741	-0,009	0,313
CHR8	2570832	CHR8:2570832	SSF x LoA	-10,8740719	0,004	0,290
CHR8	25708689	CHR8:25708689	SSF x LoA	-9,02959878	0,012	0,312
CHR8	25708765	CHR8:25708765	SSF x LoA	-9,36571974	-0,021	0,315
CHR8	25708795	CHR8:25708795	SSF x LoA	-8,77951996	0,005	0,323
CHR8	25708822	CHR8:25708822	SSF x LoA	-8,95927612	-0,054	0,317
CHR8	2570960	CHR8:2570960	SSF x LoA	-8,18442911	0,117	0,303
CHR8	25722201	CHR8:25722201	SSF x LoA	-9,1662528	-0,134	0,321
CHR8	25722203	CHR8:25722203	SSF x LoA	-9,33678328	-0,123	0,306
CHR8	25722260	CHR8:25722260	SSF x LoA	-2,37514608	-0,170	0,304
CHR8	25773846	CHR8:25773846	SSF x LoA	-8,72217047	-0,052	0,311
CHR8	2580501	CHR8:2580501	SSF x LoA	-1,46657475	-0,019	0,311
CHR8	2580768	CHR8:2580768	SSF x LoA	-7,71414339	-0,167	0,305
CHR8	25839897	CHR8:25839897	SSF x LoA	-11,2810747	0,043	0,311
CHR8	25839943	CHR8:25839943	SSF x LoA	-11,28339	-0,132	0,307
CHR8	25873346	CHR8:25873346	SSF x LoA	-11,5789228	0,071	0,299
CHR8	25873374	CHR8:25873374	SSF x LoA	-10,3924395	0,111	0,307
CHR8	25873390	CHR8:25873390	SSF x LoA	-4,665634	-0,057	0,297
CHR8	2587869	CHR8:2587869	SSF x LoA	-9,66380849	-0,096	0,305
CHR8	25903067	CHR8:25903067	SSF x LoA	-9,60079092	0,032	0,298
CHR8	25904260	CHR8:25904260	SSF x LoA	-10,2867416	-0,016	0,319
CHR8	25912013	CHR8:25912013	SSF x LoA	-10,2903504	-0,021	0,300
CHR8	25919718	CHR8:25919718	SSF x LoA	-12,0985757	-0,028	0,294
CHR8	25927647	CHR8:25927647	SSF x LoA	-8,70990007	-0,018	0,330
CHR8	25927681	CHR8:25927681	SSF x LoA	-10,4070951	0,028	0,301
CHR8	25927698	CHR8:25927698	SSF x LoA	-10,2137049	-0,051	0,300
CHR8	25944740	CHR8:25944740	SSF x LoA	-11,6943845	-0,062	0,306
CHR8	25944757	CHR8:25944757	SSF x LoA	-9,7216163	0,091	0,309
CHR8	25944778	CHR8:25944778	SSF x LoA	-4,12140381	0,164	0,279
CHR8	25944780	CHR8:25944780	SSF x LoA	-11,9830703	0,064	0,300
CHR8	25944797	CHR8:25944797	SSF x LoA	-10,2583047	0,000	0,306
CHR8	25947037	CHR8:25947037	SSF x LoA	-7,53514145	-0,133	0,299
CHR8	25947082	CHR8:25947082	SSF x LoA	-8,58278791	0,083	0,305
CHR8	25947122	CHR8:25947122	SSF x LoA	-10,0747177	-0,003	0,299
CHR8	25947133	CHR8:25947133	SSF x LoA	-7,8622886	0,100	0,304
CHR8	25947150	CHR8:25947150	SSF x LoA	-9,74787168	0,022	0,290

CHR8	25947245	CHR8:25947245	SSF x LoA	-11,3146285	-0,039	0,321
CHR8	25962786	CHR8:25962786	SSF x LoA	-8,4152498	-0,045	0,314
CHR8	25962815	CHR8:25962815	SSF x LoA	-7,95224133	-0,004	0,312
CHR8	25962938	CHR8:25962938	SSF x LoA	-9,65466557	-0,005	0,305
CHR8	25966027	CHR8:25966027	SSF x LoA	-11,5450599	-0,022	0,310
CHR8	25966081	CHR8:25966081	SSF x LoA	-9,57974756	-0,113	0,304
CHR8	25966082	CHR8:25966082	SSF x LoA	-10,4091049	-0,111	0,320
CHR8	25981716	CHR8:25981716	SSF x LoA	-10,4137828	0,015	0,307
CHR8	25998556	CHR8:25998556	SSF x LoA	-9,96603572	-0,036	0,311
CHR8	25998560	CHR8:25998560	SSF x LoA	-10,3515324	0,020	0,308
CHR8	25998576	CHR8:25998576	SSF x LoA	-11,2744341	-0,079	0,296
CHR8	25998613	CHR8:25998613	SSF x LoA	-5,92172668	-0,130	0,310
CHR8	25998631	CHR8:25998631	SSF x LoA	-10,6073614	0,037	0,308
CHR8	26001551	CHR8:26001551	SSF x LoA	-9,09040808	-0,045	0,293
CHR8	26001557	CHR8:26001557	SSF x LoA	-5,64526099	0,041	0,307
CHR8	26001684	CHR8:26001684	SSF x LoA	-7,71847448	0,050	0,306
CHR8	26010338	CHR8:26010338	SSF x LoA	-8,8416008	-0,015	0,312
CHR8	26014388	CHR8:26014388	SSF x LoA	-9,85614373	-0,069	0,295
CHR8	26014451	CHR8:26014451	SSF x LoA	-9,54068429	0,118	0,291
CHR8	26014639	CHR8:26014639	SSF x LoA	-11,2032999	-0,025	0,294
CHR8	26029246	CHR8:26029246	SSF x LoA	-8,81146784	-0,042	0,312
CHR8	26029258	CHR8:26029258	SSF x LoA	-8,1098837	-0,026	0,313
CHR8	26032096	CHR8:26032096	SSF x LoA	-9,66591106	0,027	0,305
CHR8	26045218	CHR8:26045218	SSF x LoA	-7,35860232	0,082	0,300
CHR8	26046674	CHR8:26046674	SSF x LoA	-9,37591242	-0,081	0,312
CHR8	26046676	CHR8:26046676	SSF x LoA	-8,6547879	0,129	0,306
CHR8	26050940	CHR8:26050940	SSF x LoA	-11,1280993	-0,009	0,307
CHR8	26050968	CHR8:26050968	SSF x LoA	-9,98470206	-0,016	0,307
CHR8	26051005	CHR8:26051005	SSF x LoA	-7,76916578	-0,042	0,312
CHR8	26051019	CHR8:26051019	SSF x LoA	-10,8899628	-0,074	0,287
CHR8	26054888	CHR8:26054888	SSF x LoA	-9,0943337	-0,029	0,316
CHR8	26054926	CHR8:26054926	SSF x LoA	-10,5127102	0,053	0,312
CHR8	26071196	CHR8:26071196	SSF x LoA	-8,21348979	-0,104	0,304
CHR8	26071358	CHR8:26071358	SSF x LoA	-7,50598278	-0,106	0,307
CHR8	26071362	CHR8:26071362	SSF x LoA	-6,56927883	0,168	0,304
CHR8	26071429	CHR8:26071429	SSF x LoA	-7,72324112	0,189	0,305
CHR8	26071446	CHR8:26071446	SSF x LoA	-10,8594391	0,067	0,301
CHR8	26071457	CHR8:26071457	SSF x LoA	-8,77178963	-0,042	0,304
CHR8	26071475	CHR8:26071475	SSF x LoA	-9,67974246	0,034	0,313
CHR8	26080974	CHR8:26080974	SSF x LoA	-10,5363984	-0,097	0,287
CHR8	2608439	CHR8:2608439	SSF x LoA	-11,0529291	-0,024	0,307
CHR8	2608497	CHR8:2608497	SSF x LoA	-3,84553985	-0,037	0,316
CHR8	2608547	CHR8:2608547	SSF x LoA	-8,7598221	0,041	0,314
CHR8	2608564	CHR8:2608564	SSF x LoA	-10,3505177	0,144	0,306
CHR8	26115079	CHR8:26115079	SSF x LoA	-9,10791435	-0,089	0,314
CHR8	26116963	CHR8:26116963	SSF x LoA	-7,43389497	0,108	0,301
CHR8	26116985	CHR8:26116985	SSF x LoA	-7,52044492	-0,016	0,302
CHR8	26117013	CHR8:26117013	SSF x LoA	-10,5311336	0,060	0,324
CHR8	2612659	CHR8:2612659	SSF x LoA	-9,42035982	0,033	0,317
CHR8	2612818	CHR8:2612818	SSF x LoA	-9,61044029	0,124	0,304
CHR8	2612834	CHR8:2612834	SSF x LoA	-9,27918023	-0,094	0,316
CHR8	2612841	CHR8:2612841	SSF x LoA	-8,45854881	0,072	0,303
CHR8	26134137	CHR8:26134137	SSF x LoA	-10,973123	-0,056	0,306

CHR8	26144220	CHR8:26144220	SSF x LoA	-11,289501	-0,049	0,300
CHR8	26144244	CHR8:26144244	SSF x LoA	-7,06088724	-0,059	0,309
CHR8	26144266	CHR8:26144266	SSF x LoA	-8,18278021	0,016	0,309
CHR8	2614559	CHR8:2614559	SSF x LoA	-11,2044173	-0,049	0,314
CHR8	26161111	CHR8:26161111	SSF x LoA	-10,6412415	0,014	0,313
CHR8	26161147	CHR8:26161147	SSF x LoA	-8,56572107	-0,053	0,308
CHR8	26162829	CHR8:26162829	SSF x LoA	-7,83201317	-0,045	0,307
CHR8	26178853	CHR8:26178853	SSF x LoA	-9,85974095	0,063	0,316
CHR8	26191978	CHR8:26191978	SSF x LoA	-11,558918	0,097	0,303
CHR8	26201286	CHR8:26201286	SSF x LoA	-10,9668469	-0,026	0,305
CHR8	26201306	CHR8:26201306	SSF x LoA	-9,37773731	-0,069	0,300
CHR8	262169	CHR8:262169	SSF x LoA	-7,11519189	-0,092	0,320
CHR8	262196	CHR8:262196	SSF x LoA	-10,2839365	-0,056	0,317
CHR8	26225861	CHR8:26225861	SSF x LoA	-10,7050412	-0,012	0,296
CHR8	26225958	CHR8:26225958	SSF x LoA	-8,17854647	-0,034	0,298
CHR8	26230925	CHR8:26230925	SSF x LoA	-11,5100671	0,089	0,301
CHR8	2623331	CHR8:2623331	SSF x LoA	-10,350479	-0,109	0,298
CHR8	2623468	CHR8:2623468	SSF x LoA	-5,80687309	-0,086	0,312
CHR8	2623470	CHR8:2623470	SSF x LoA	-7,8048496	-0,133	0,303
CHR8	2623485	CHR8:2623485	SSF x LoA	-8,5927561	0,060	0,317
CHR8	2623498	CHR8:2623498	SSF x LoA	-8,57669483	-0,024	0,313
CHR8	2623499	CHR8:2623499	SSF x LoA	-9,62220548	0,008	0,305
CHR8	2623523	CHR8:2623523	SSF x LoA	-7,8065226	-0,106	0,313
CHR8	2623541	CHR8:2623541	SSF x LoA	-7,67369321	-0,063	0,310
CHR8	2623563	CHR8:2623563	SSF x LoA	-9,06999607	-0,076	0,300
CHR8	2623564	CHR8:2623564	SSF x LoA	-8,06063164	-0,020	0,304
CHR8	26293981	CHR8:26293981	SSF x LoA	-6,75486311	-0,003	0,321
CHR8	26294002	CHR8:26294002	SSF x LoA	-8,59824385	0,050	0,306
CHR8	26295701	CHR8:26295701	SSF x LoA	-6,63062996	-0,074	0,311
CHR8	26305192	CHR8:26305192	SSF x LoA	-11,0458737	0,055	0,312
CHR8	26305337	CHR8:26305337	SSF x LoA	-8,39786926	0,095	0,310
CHR8	26308301	CHR8:26308301	SSF x LoA	-11,1721874	-0,002	0,311
CHR8	26317057	CHR8:26317057	SSF x LoA	-8,34448734	0,087	0,290
CHR8	26317108	CHR8:26317108	SSF x LoA	-10,2367587	-0,013	0,299
CHR8	26322337	CHR8:26322337	SSF x LoA	-9,9878978	-0,004	0,288
CHR8	26334322	CHR8:26334322	SSF x LoA	-10,3112171	-0,004	0,303
CHR8	26335964	CHR8:26335964	SSF x LoA	-5,65740847	0,057	0,311
CHR8	2634122	CHR8:2634122	SSF x LoA	-10,9292992	0,003	0,300
CHR8	26342661	CHR8:26342661	SSF x LoA	-8,89445818	0,083	0,289
CHR8	26355313	CHR8:26355313	SSF x LoA	-9,15389681	-0,060	0,315
CHR8	26437670	CHR8:26437670	SSF x LoA	-10,4446528	-0,070	0,308
CHR8	26437721	CHR8:26437721	SSF x LoA	-8,87710451	-0,113	0,309
CHR8	26437892	CHR8:26437892	SSF x LoA	-5,56848626	0,039	0,326
CHR8	26444184	CHR8:26444184	SSF x LoA	-10,0332057	-0,013	0,307
CHR8	26444251	CHR8:26444251	SSF x LoA	-9,4867803	0,092	0,306
CHR8	26444294	CHR8:26444294	SSF x LoA	-11,7583867	0,004	0,314
CHR8	26444323	CHR8:26444323	SSF x LoA	-9,14133296	-0,049	0,314
CHR8	26444341	CHR8:26444341	SSF x LoA	-11,0305618	0,078	0,304
CHR8	26444437	CHR8:26444437	SSF x LoA	-11,0396419	-0,092	0,302
CHR8	26448720	CHR8:26448720	SSF x LoA	-7,45723893	0,097	0,311
CHR8	26453509	CHR8:26453509	SSF x LoA	-6,43087427	0,180	0,303
CHR8	26453572	CHR8:26453572	SSF x LoA	-7,94812182	0,089	0,314
CHR8	26459650	CHR8:26459650	SSF x LoA	-7,94644173	0,003	0,292

CHR8	26462813	CHR8:26462813	SSF x LoA	-8,21072408	-0,105	0,290
CHR8	26472636	CHR8:26472636	SSF x LoA	-7,82036579	0,093	0,296
CHR8	26496097	CHR8:26496097	SSF x LoA	-8,64571722	-0,053	0,296
CHR8	26496311	CHR8:26496311	SSF x LoA	-11,0580757	0,073	0,311
CHR8	26496341	CHR8:26496341	SSF x LoA	-9,75031813	0,025	0,296
CHR8	26501513	CHR8:26501513	SSF x LoA	-10,1335988	0,015	0,319
CHR8	26501531	CHR8:26501531	SSF x LoA	-7,64564716	0,026	0,310
CHR8	26501552	CHR8:26501552	SSF x LoA	-9,61072712	0,090	0,304
CHR8	26501560	CHR8:26501560	SSF x LoA	-11,020248	-0,074	0,300
CHR8	26501641	CHR8:26501641	SSF x LoA	-9,25383858	-0,043	0,305
CHR8	26501656	CHR8:26501656	SSF x LoA	-8,56972926	0,127	0,301
CHR8	26501734	CHR8:26501734	SSF x LoA	-8,17506394	0,081	0,308
CHR8	26507035	CHR8:26507035	SSF x LoA	-9,14712683	0,120	0,292
CHR8	26518577	CHR8:26518577	SSF x LoA	-9,67766081	-0,033	0,307
CHR8	26519477	CHR8:26519477	SSF x LoA	-7,47560549	0,051	0,313
CHR8	26519496	CHR8:26519496	SSF x LoA	-8,34134396	0,049	0,304
CHR8	26519501	CHR8:26519501	SSF x LoA	-10,3807029	0,062	0,304
CHR8	26519526	CHR8:26519526	SSF x LoA	-10,3527999	-0,045	0,317
CHR8	26519653	CHR8:26519653	SSF x LoA	-8,31898487	0,108	0,306
CHR8	26519660	CHR8:26519660	SSF x LoA	-4,39747981	0,127	0,303
CHR8	26530102	CHR8:26530102	SSF x LoA	-10,7035126	-0,048	0,315
CHR8	26530167	CHR8:26530167	SSF x LoA	-6,78020677	0,073	0,308
CHR8	26530207	CHR8:26530207	SSF x LoA	-10,7265087	0,100	0,298
CHR8	26530337	CHR8:26530337	SSF x LoA	-8,09273899	-0,162	0,302
CHR8	26530373	CHR8:26530373	SSF x LoA	-9,15661794	-0,085	0,298
CHR8	26530403	CHR8:26530403	SSF x LoA	-8,17660034	-0,069	0,293
CHR8	26534899	CHR8:26534899	SSF x LoA	-10,5984292	0,020	0,302
CHR8	2653925	CHR8:2653925	SSF x LoA	-9,31921702	-0,023	0,320
CHR8	26541373	CHR8:26541373	SSF x LoA	-10,8463763	-0,108	0,309
CHR8	26541542	CHR8:26541542	SSF x LoA	-8,87598269	0,069	0,307
CHR8	26541564	CHR8:26541564	SSF x LoA	-5,40325394	-0,150	0,298
CHR8	2654160	CHR8:2654160	SSF x LoA	-8,79823062	0,004	0,323
CHR8	2654186	CHR8:2654186	SSF x LoA	-9,52228732	0,032	0,317
CHR8	26544998	CHR8:26544998	SSF x LoA	-9,19559756	0,034	0,310
CHR8	26563331	CHR8:26563331	SSF x LoA	-10,0273206	-0,074	0,312
CHR8	26565455	CHR8:26565455	SSF x LoA	-10,8024521	-0,087	0,306
CHR8	26569057	CHR8:26569057	SSF x LoA	-11,0632372	-0,017	0,293
CHR8	26569058	CHR8:26569058	SSF x LoA	-10,5087193	0,000	0,304
CHR8	26575364	CHR8:26575364	SSF x LoA	-11,8429178	-0,053	0,286
CHR8	26577527	CHR8:26577527	SSF x LoA	-8,39928809	-0,072	0,305
CHR8	26577528	CHR8:26577528	SSF x LoA	-10,4116545	-0,005	0,309
CHR8	26577577	CHR8:26577577	SSF x LoA	-11,1110586	-0,074	0,298
CHR8	26577589	CHR8:26577589	SSF x LoA	-11,5531794	0,018	0,314
CHR8	26577724	CHR8:26577724	SSF x LoA	-9,52534813	-0,139	0,302
CHR8	26582564	CHR8:26582564	SSF x LoA	-9,93613018	-0,028	0,305
CHR8	2658264	CHR8:2658264	SSF x LoA	-11,103142	-0,053	0,303
CHR8	26582854	CHR8:26582854	SSF x LoA	-8,81306281	-0,040	0,301
CHR8	26634830	CHR8:26634830	SSF x LoA	-9,99239969	-0,087	0,316
CHR8	26641944	CHR8:26641944	SSF x LoA	-10,5968605	-0,010	0,315
CHR8	26645352	CHR8:26645352	SSF x LoA	-10,4723506	0,021	0,303
CHR8	26645370	CHR8:26645370	SSF x LoA	-8,60230555	0,043	0,297
CHR8	26645502	CHR8:26645502	SSF x LoA	-8,68049308	0,004	0,313
CHR8	26654782	CHR8:26654782	SSF x LoA	0,96580177	-0,231	0,291

CHR8	26655510	CHR8:26655510	SSF x LoA	-9,08860925	-0,090	0,301
CHR8	26655512	CHR8:26655512	SSF x LoA	-9,86386025	-0,005	0,315
CHR8	26655540	CHR8:26655540	SSF x LoA	-10,0618249	0,036	0,314
CHR8	26656493	CHR8:26656493	SSF x LoA	-8,21852061	-0,101	0,295
CHR8	26656496	CHR8:26656496	SSF x LoA	-7,39088206	-0,133	0,303
CHR8	26663070	CHR8:26663070	SSF x LoA	-7,85006363	-0,049	0,321
CHR8	26663087	CHR8:26663087	SSF x LoA	-8,23258398	-0,010	0,304
CHR8	26663115	CHR8:26663115	SSF x LoA	-10,4957864	0,015	0,309
CHR8	26663146	CHR8:26663146	SSF x LoA	-7,90745859	-0,068	0,297
CHR8	26675606	CHR8:26675606	SSF x LoA	-11,1189349	-0,021	0,303
CHR8	26675880	CHR8:26675880	SSF x LoA	-9,64877736	0,074	0,311
CHR8	26677567	CHR8:26677567	SSF x LoA	-5,11196285	-0,128	0,298
CHR8	26677586	CHR8:26677586	SSF x LoA	-8,81582751	-0,038	0,305
CHR8	26677637	CHR8:26677637	SSF x LoA	-9,17347841	-0,126	0,314
CHR8	26677720	CHR8:26677720	SSF x LoA	-5,09258515	0,081	0,294
CHR8	26684154	CHR8:26684154	SSF x LoA	-7,42280226	-0,072	0,311
CHR8	26684390	CHR8:26684390	SSF x LoA	-10,3568699	0,023	0,311
CHR8	26692203	CHR8:26692203	SSF x LoA	-9,17451551	0,004	0,310
CHR8	26692257	CHR8:26692257	SSF x LoA	-4,83733145	-0,048	0,323
CHR8	26692261	CHR8:26692261	SSF x LoA	-6,07886185	-0,065	0,304
CHR8	26692973	CHR8:26692973	SSF x LoA	-7,44958521	0,026	0,300
CHR8	26694781	CHR8:26694781	SSF x LoA	-9,00185308	0,013	0,294
CHR8	26694787	CHR8:26694787	SSF x LoA	-3,69347542	0,050	0,309
CHR8	26694798	CHR8:26694798	SSF x LoA	-8,64205056	-0,024	0,307
CHR8	26698409	CHR8:26698409	SSF x LoA	-9,59830322	-0,127	0,302
CHR8	26709301	CHR8:26709301	SSF x LoA	-10,380685	0,028	0,310
CHR8	26709305	CHR8:26709305	SSF x LoA	-11,749295	0,026	0,297
CHR8	26709321	CHR8:26709321	SSF x LoA	-11,7098432	0,039	0,304
CHR8	26709324	CHR8:26709324	SSF x LoA	-10,9867179	0,039	0,302
CHR8	26709325	CHR8:26709325	SSF x LoA	-10,2757256	-0,022	0,304
CHR8	26709344	CHR8:26709344	SSF x LoA	-9,1206947	-0,069	0,305
CHR8	26709408	CHR8:26709408	SSF x LoA	-8,15879949	-0,022	0,310
CHR8	26709424	CHR8:26709424	SSF x LoA	-10,7507892	-0,007	0,313
CHR8	26715324	CHR8:26715324	SSF x LoA	-10,6356938	0,118	0,301
CHR8	26720141	CHR8:26720141	SSF x LoA	-8,44970916	-0,134	0,291
CHR8	26720197	CHR8:26720197	SSF x LoA	-7,54485249	0,014	0,313
CHR8	26729619	CHR8:26729619	SSF x LoA	-11,1221216	0,002	0,303
CHR8	26729712	CHR8:26729712	SSF x LoA	-9,90746401	-0,054	0,305
CHR8	26729714	CHR8:26729714	SSF x LoA	-10,9721997	-0,063	0,306
CHR8	26729818	CHR8:26729818	SSF x LoA	-9,5438726	0,081	0,307
CHR8	2673734	CHR8:2673734	SSF x LoA	-11,315021	-0,035	0,308
CHR8	2673743	CHR8:2673743	SSF x LoA	-9,89904127	0,060	0,306
CHR8	2673803	CHR8:2673803	SSF x LoA	-12,139777	-0,023	0,296
CHR8	2673826	CHR8:2673826	SSF x LoA	-10,4135649	0,094	0,302
CHR8	2673828	CHR8:2673828	SSF x LoA	-8,41820639	0,037	0,300
CHR8	2673945	CHR8:2673945	SSF x LoA	-3,19684106	-0,041	0,305
CHR8	2673972	CHR8:2673972	SSF x LoA	-8,61379112	-0,072	0,310
CHR8	2673984	CHR8:2673984	SSF x LoA	-9,61495382	-0,079	0,288
CHR8	2674005	CHR8:2674005	SSF x LoA	-9,99963132	0,072	0,304
CHR8	2674897	CHR8:2674897	SSF x LoA	-4,8962154	0,199	0,312
CHR8	26750881	CHR8:26750881	SSF x LoA	-8,51498963	0,083	0,304
CHR8	26783193	CHR8:26783193	SSF x LoA	-8,62327366	-0,064	0,314
CHR8	26783249	CHR8:26783249	SSF x LoA	-9,20347447	-0,098	0,305

CHR8	26789405	CHR8:26789405	SSF x LoA	-9,25851772	0,023	0,313
CHR8	26823029	CHR8:26823029	SSF x LoA	-7,52942477	-0,061	0,313
CHR8	2683525	CHR8:2683525	SSF x LoA	-9,20350383	-0,068	0,284
CHR8	26837588	CHR8:26837588	SSF x LoA	-9,26543073	0,045	0,307
CHR8	2684060	CHR8:2684060	SSF x LoA	-11,6463927	-0,044	0,300
CHR8	2714267	CHR8:2714267	SSF x LoA	-9,31572198	0,005	0,305
CHR8	2714547	CHR8:2714547	SSF x LoA	-10,8792385	-0,021	0,316
CHR8	2714580	CHR8:2714580	SSF x LoA	-9,8334479	0,036	0,301
CHR8	2718939	CHR8:2718939	SSF x LoA	-9,33585982	-0,113	0,300
CHR8	2719044	CHR8:2719044	SSF x LoA	-8,93007328	-0,140	0,293
CHR8	2722568	CHR8:2722568	SSF x LoA	-8,83513765	-0,075	0,282
CHR8	2722611	CHR8:2722611	SSF x LoA	-8,55590172	0,084	0,305
CHR8	2722684	CHR8:2722684	SSF x LoA	-9,97801978	-0,026	0,318
CHR8	2727158	CHR8:2727158	SSF x LoA	-8,33229808	-0,180	0,293
CHR8	2727190	CHR8:2727190	SSF x LoA	-8,37872093	0,085	0,301
CHR8	2727233	CHR8:2727233	SSF x LoA	-10,9633969	0,041	0,306
CHR8	2727315	CHR8:2727315	SSF x LoA	-8,94568124	0,075	0,298
CHR8	2727404	CHR8:2727404	SSF x LoA	-9,69934476	0,107	0,295
CHR8	2748919	CHR8:2748919	SSF x LoA	-9,56201729	0,099	0,307
CHR8	2749092	CHR8:2749092	SSF x LoA	-10,0804173	-0,049	0,306
CHR8	2761292	CHR8:2761292	SSF x LoA	-9,47177743	0,035	0,324
CHR8	2761370	CHR8:2761370	SSF x LoA	-11,1402965	0,055	0,319
CHR8	2763449	CHR8:2763449	SSF x LoA	-11,8396059	-0,064	0,298
CHR8	2763463	CHR8:2763463	SSF x LoA	-10,6907677	0,008	0,314
CHR8	2763677	CHR8:2763677	SSF x LoA	-8,97495963	0,080	0,309
CHR8	2766042	CHR8:2766042	SSF x LoA	-11,0717851	-0,026	0,303
CHR8	2766055	CHR8:2766055	SSF x LoA	-6,64273751	0,006	0,327
CHR8	2766082	CHR8:2766082	SSF x LoA	-7,74288941	-0,004	0,321
CHR8	2778935	CHR8:2778935	SSF x LoA	-8,58983466	-0,150	0,303
CHR8	2790395	CHR8:2790395	SSF x LoA	-9,36515733	-0,035	0,314
CHR8	2790437	CHR8:2790437	SSF x LoA	-10,2136861	0,019	0,312
CHR8	2790453	CHR8:2790453	SSF x LoA	-9,91764733	-0,111	0,299
CHR8	2790455	CHR8:2790455	SSF x LoA	-9,16718199	0,075	0,312
CHR8	2791919	CHR8:2791919	SSF x LoA	-10,0552908	-0,024	0,318
CHR8	2791977	CHR8:2791977	SSF x LoA	-10,9447389	0,032	0,303
CHR8	279372	CHR8:279372	SSF x LoA	-7,727085	-0,144	0,309
CHR8	279422	CHR8:279422	SSF x LoA	-7,49344774	-0,151	0,315
CHR8	2799563	CHR8:2799563	SSF x LoA	-10,0520268	-0,139	0,301
CHR8	2799586	CHR8:2799586	SSF x LoA	-8,88896251	0,096	0,306
CHR8	2802105	CHR8:2802105	SSF x LoA	-9,64878534	0,078	0,304
CHR8	2802111	CHR8:2802111	SSF x LoA	-11,0026191	0,052	0,313
CHR8	2816057	CHR8:2816057	SSF x LoA	-11,6077138	0,014	0,304
CHR8	2816273	CHR8:2816273	SSF x LoA	-10,8476039	-0,082	0,296
CHR8	2816360	CHR8:2816360	SSF x LoA	-11,7948872	0,022	0,303
CHR8	2816361	CHR8:2816361	SSF x LoA	-6,04814636	0,069	0,306
CHR8	2821198	CHR8:2821198	SSF x LoA	-8,56414417	0,141	0,294
CHR8	2821207	CHR8:2821207	SSF x LoA	-9,66029192	0,108	0,306
CHR8	2821208	CHR8:2821208	SSF x LoA	-8,83543749	0,066	0,299
CHR8	2821264	CHR8:2821264	SSF x LoA	-7,03981079	0,104	0,308
CHR8	2821357	CHR8:2821357	SSF x LoA	-8,96797017	0,183	0,304
CHR8	2821441	CHR8:2821441	SSF x LoA	-9,27887583	0,068	0,319
CHR8	2821517	CHR8:2821517	SSF x LoA	-10,5066605	-0,036	0,314
CHR8	2821521	CHR8:2821521	SSF x LoA	-7,36065629	0,097	0,313

CHR8	283083	CHR8:283083	SSF x LoA	-6,64744729	0,011	0,320
CHR8	2830955	CHR8:2830955	SSF x LoA	-8,53986971	0,019	0,319
CHR8	283152	CHR8:283152	SSF x LoA	-9,28415847	0,035	0,288
CHR8	2834417	CHR8:2834417	SSF x LoA	-8,03762354	-0,068	0,310
CHR8	2834445	CHR8:2834445	SSF x LoA	-7,69339876	0,018	0,290
CHR8	2834588	CHR8:2834588	SSF x LoA	-9,92061325	-0,030	0,299
CHR8	2839653	CHR8:2839653	SSF x LoA	-10,5889095	-0,067	0,297
CHR8	2839810	CHR8:2839810	SSF x LoA	12,5507077	-0,023	0,296
CHR8	2847977	CHR8:2847977	SSF x LoA	-2,27925196	-0,125	0,312
CHR8	2848025	CHR8:2848025	SSF x LoA	-7,17318599	-0,127	0,310
CHR8	2850092	CHR8:2850092	SSF x LoA	-10,5780713	0,041	0,304
CHR8	2853122	CHR8:2853122	SSF x LoA	-11,5216338	-0,098	0,305
CHR8	2853341	CHR8:2853341	SSF x LoA	-10,6619268	0,094	0,312
CHR8	2866337	CHR8:2866337	SSF x LoA	-6,10312789	-0,216	0,293
CHR8	2868465	CHR8:2868465	SSF x LoA	-10,0332675	-0,050	0,308
CHR8	2868484	CHR8:2868484	SSF x LoA	-9,82940234	-0,027	0,312
CHR8	2868497	CHR8:2868497	SSF x LoA	-8,78183627	-0,043	0,305
CHR8	2872252	CHR8:2872252	SSF x LoA	-11,7317368	0,031	0,308
CHR8	2872441	CHR8:2872441	SSF x LoA	-5,78570764	0,154	0,296
CHR8	2875764	CHR8:2875764	SSF x LoA	-8,95627646	-0,055	0,306
CHR8	2875889	CHR8:2875889	SSF x LoA	-9,61811661	-0,056	0,308
CHR8	2875927	CHR8:2875927	SSF x LoA	-10,2747308	0,032	0,310
CHR8	2875934	CHR8:2875934	SSF x LoA	-9,39986096	-0,043	0,306
CHR8	2880605	CHR8:2880605	SSF x LoA	-9,10875643	0,084	0,300
CHR8	2880617	CHR8:2880617	SSF x LoA	-9,69646921	0,001	0,300
CHR8	2880629	CHR8:2880629	SSF x LoA	-8,36030979	0,063	0,308
CHR8	2880662	CHR8:2880662	SSF x LoA	-5,99013817	0,079	0,304
CHR8	288122	CHR8:288122	SSF x LoA	-9,4897102	-0,061	0,312
CHR8	2883208	CHR8:2883208	SSF x LoA	-8,16696067	0,187	0,307
CHR8	2883218	CHR8:2883218	SSF x LoA	-10,1491969	0,057	0,308
CHR8	2883221	CHR8:2883221	SSF x LoA	-9,68992011	0,038	0,299
CHR8	2883223	CHR8:2883223	SSF x LoA	-11,0024878	0,019	0,310
CHR8	2883234	CHR8:2883234	SSF x LoA	-10,9884319	0,023	0,308
CHR8	2883250	CHR8:2883250	SSF x LoA	-8,49936864	0,118	0,287
CHR8	2883251	CHR8:2883251	SSF x LoA	-7,64443172	0,124	0,289
CHR8	2883252	CHR8:2883252	SSF x LoA	-8,10241686	0,118	0,282
CHR8	2883260	CHR8:2883260	SSF x LoA	-11,2398451	0,025	0,309
CHR8	2883389	CHR8:2883389	SSF x LoA	-11,5540102	-0,009	0,311
CHR8	2889210	CHR8:2889210	SSF x LoA	-6,89038772	0,169	0,302
CHR8	2889257	CHR8:2889257	SSF x LoA	-9,92937164	-0,021	0,314
CHR8	2889298	CHR8:2889298	SSF x LoA	-8,80502843	-0,068	0,297
CHR8	2889305	CHR8:2889305	SSF x LoA	-9,16097933	-0,047	0,311
CHR8	2893724	CHR8:2893724	SSF x LoA	-8,35326499	0,155	0,307
CHR8	2899115	CHR8:2899115	SSF x LoA	-8,96804531	-0,105	0,297
CHR8	2899130	CHR8:2899130	SSF x LoA	-11,3958144	-0,065	0,305
CHR8	2899206	CHR8:2899206	SSF x LoA	-9,82868459	0,013	0,315
CHR8	2899427	CHR8:2899427	SSF x LoA	-7,31191466	0,086	0,317
CHR8	2899445	CHR8:2899445	SSF x LoA	-5,0771647	-0,080	0,315
CHR8	2909060	CHR8:2909060	SSF x LoA	-10,6134533	0,099	0,291
CHR8	2913434	CHR8:2913434	SSF x LoA	-7,36147146	0,005	0,315
CHR8	2913439	CHR8:2913439	SSF x LoA	-9,8882936	-0,040	0,305
CHR8	2913497	CHR8:2913497	SSF x LoA	-8,1193589	0,123	0,293
CHR8	2913579	CHR8:2913579	SSF x LoA	-9,10440318	0,086	0,288

CHR8	2913629	CHR8:2913629	SSF x LoA	-10,8404921	0,007	0,305
CHR8	2917898	CHR8:2917898	SSF x LoA	-10,3459316	0,081	0,298
CHR8	2917923	CHR8:2917923	SSF x LoA	-5,19194529	0,048	0,330
CHR8	2918544	CHR8:2918544	SSF x LoA	-12,6726903	0,002	0,291
CHR8	2920284	CHR8:2920284	SSF x LoA	-8,32903266	0,047	0,307
CHR8	2922987	CHR8:2922987	SSF x LoA	-11,9656297	-0,044	0,302
CHR8	2922988	CHR8:2922988	SSF x LoA	-10,9292473	-0,058	0,303
CHR8	2922990	CHR8:2922990	SSF x LoA	-10,8495908	-0,060	0,297
CHR8	2923029	CHR8:2923029	SSF x LoA	-9,15918706	-0,102	0,295
CHR8	2928810	CHR8:2928810	SSF x LoA	-10,0253496	0,010	0,307
CHR8	2928852	CHR8:2928852	SSF x LoA	-9,16323503	-0,056	0,304
CHR8	2928907	CHR8:2928907	SSF x LoA	-8,95904944	-0,045	0,302
CHR8	293162	CHR8:293162	SSF x LoA	-10,6374442	-0,042	0,318
CHR8	2935924	CHR8:2935924	SSF x LoA	-6,10010249	0,217	0,303
CHR8	2935953	CHR8:2935953	SSF x LoA	-9,72115095	-0,049	0,304
CHR8	2947112	CHR8:2947112	SSF x LoA	-8,59180713	0,092	0,306
CHR8	295248	CHR8:295248	SSF x LoA	-8,0186957	-0,059	0,300
CHR8	295257	CHR8:295257	SSF x LoA	-8,71097635	-0,079	0,319
CHR8	2954843	CHR8:2954843	SSF x LoA	-8,60905193	-0,070	0,323
CHR8	2957290	CHR8:2957290	SSF x LoA	-12,1857972	0,056	0,300
CHR8	2957330	CHR8:2957330	SSF x LoA	-9,37534841	-0,057	0,304
CHR8	2957451	CHR8:2957451	SSF x LoA	-9,15485371	-0,199	0,301
CHR8	2972873	CHR8:2972873	SSF x LoA	-12,0340814	0,013	0,302
CHR8	2973013	CHR8:2973013	SSF x LoA	-9,60149091	-0,059	0,292
CHR8	2975299	CHR8:2975299	SSF x LoA	-8,30288082	0,046	0,317
CHR8	2978564	CHR8:2978564	SSF x LoA	-5,26849838	0,213	0,298
CHR8	2978657	CHR8:2978657	SSF x LoA	-5,26020078	0,130	0,311
CHR8	2978697	CHR8:2978697	SSF x LoA	-8,96963901	-0,072	0,299
CHR8	2988222	CHR8:2988222	SSF x LoA	-11,2444699	0,017	0,295
CHR8	2988310	CHR8:2988310	SSF x LoA	-10,13122	-0,091	0,313
CHR8	2988362	CHR8:2988362	SSF x LoA	-8,04357901	-0,046	0,300
CHR8	2988475	CHR8:2988475	SSF x LoA	-9,03081197	0,014	0,298
CHR8	2990435	CHR8:2990435	SSF x LoA	-9,89465678	0,058	0,314
CHR8	3007206	CHR8:3007206	SSF x LoA	-10,5673295	0,022	0,315
CHR8	3007228	CHR8:3007228	SSF x LoA	-4,03555258	0,075	0,298
CHR8	3007381	CHR8:3007381	SSF x LoA	-8,00892288	0,121	0,297
CHR8	3007383	CHR8:3007383	SSF x LoA	-8,73550958	0,117	0,293
CHR8	3007457	CHR8:3007457	SSF x LoA	-10,1899604	0,061	0,316
CHR8	3011194	CHR8:3011194	SSF x LoA	-9,68760036	0,185	0,300
CHR8	3011253	CHR8:3011253	SSF x LoA	-8,32232637	0,089	0,307
CHR8	3011293	CHR8:3011293	SSF x LoA	-8,96131628	-0,072	0,312
CHR8	3011318	CHR8:3011318	SSF x LoA	-10,4545733	0,060	0,308
CHR8	3011340	CHR8:3011340	SSF x LoA	-6,27257086	-0,195	0,300
CHR8	3011374	CHR8:3011374	SSF x LoA	-7,79054357	0,107	0,291
CHR8	3011435	CHR8:3011435	SSF x LoA	-12,1067612	-0,040	0,303
CHR8	3034494	CHR8:3034494	SSF x LoA	-8,57379784	0,059	0,295
CHR8	3034660	CHR8:3034660	SSF x LoA	-8,0289105	-0,081	0,299
CHR8	3034765	CHR8:3034765	SSF x LoA	-8,42893783	0,081	0,316
CHR8	3043505	CHR8:3043505	SSF x LoA	-8,25847792	-0,023	0,319
CHR8	3043613	CHR8:3043613	SSF x LoA	-5,74507278	0,043	0,322
CHR8	3059696	CHR8:3059696	SSF x LoA	-8,75752766	-0,105	0,301
CHR8	3059697	CHR8:3059697	SSF x LoA	-9,47473227	0,018	0,300
CHR8	3059706	CHR8:3059706	SSF x LoA	-11,4702364	0,033	0,300

CHR8	3060008	CHR8:3060008	SSF x LoA	-10,6224749	0,009	0,309
CHR8	3060009	CHR8:3060009	SSF x LoA	-8,39000912	-0,006	0,297
CHR8	3084216	CHR8:3084216	SSF x LoA	-9,38531638	-0,002	0,304
CHR8	3084279	CHR8:3084279	SSF x LoA	-9,1356398	-0,038	0,306
CHR8	3091197	CHR8:3091197	SSF x LoA	-7,80196791	-0,090	0,313
CHR8	3091200	CHR8:3091200	SSF x LoA	-8,37872683	-0,080	0,308
CHR8	3091222	CHR8:3091222	SSF x LoA	-6,67329032	-0,101	0,302
CHR8	3100654	CHR8:3100654	SSF x LoA	-8,5721596	0,012	0,305
CHR8	3100678	CHR8:3100678	SSF x LoA	-7,70816252	0,112	0,297
CHR8	3100680	CHR8:3100680	SSF x LoA	-7,71389612	-0,056	0,299
CHR8	3100837	CHR8:3100837	SSF x LoA	-10,111992	0,054	0,311
CHR8	310876	CHR8:310876	SSF x LoA	-8,52574194	0,017	0,314
CHR8	310877	CHR8:310877	SSF x LoA	-8,46305846	-0,007	0,307
CHR8	310901	CHR8:310901	SSF x LoA	-7,84674569	-0,154	0,287
CHR8	310932	CHR8:310932	SSF x LoA	-8,73249512	0,020	0,297
CHR8	310935	CHR8:310935	SSF x LoA	-11,3124465	0,011	0,293
CHR8	310940	CHR8:310940	SSF x LoA	-7,54626181	0,007	0,282
CHR8	310978	CHR8:310978	SSF x LoA	-9,18619465	-0,029	0,299
CHR8	3112819	CHR8:3112819	SSF x LoA	-9,05338518	0,170	0,298
CHR8	3112891	CHR8:3112891	SSF x LoA	-10,6885533	-0,037	0,314
CHR8	3112899	CHR8:3112899	SSF x LoA	-10,6412121	-0,050	0,317
CHR8	3126045	CHR8:3126045	SSF x LoA	-8,43223276	0,054	0,330
CHR8	3127146	CHR8:3127146	SSF x LoA	-6,57519907	0,060	0,304
CHR8	3127244	CHR8:3127244	SSF x LoA	-7,53298661	-0,086	0,305
CHR8	313119	CHR8:313119	SSF x LoA	-6,55240883	-0,046	0,305
CHR8	3135380	CHR8:3135380	SSF x LoA	-10,2496669	-0,030	0,294
CHR8	3135425	CHR8:3135425	SSF x LoA	-8,73169932	-0,039	0,322
CHR8	3135438	CHR8:3135438	SSF x LoA	-10,0119187	-0,116	0,297
CHR8	3135454	CHR8:3135454	SSF x LoA	-6,9516104	0,024	0,310
CHR8	3145329	CHR8:3145329	SSF x LoA	-7,57405612	-0,065	0,314
CHR8	3145333	CHR8:3145333	SSF x LoA	-6,87529605	-0,077	0,304
CHR8	3145380	CHR8:3145380	SSF x LoA	-5,23490403	-0,110	0,312
CHR8	3145410	CHR8:3145410	SSF x LoA	-6,25959856	-0,090	0,313
CHR8	3145431	CHR8:3145431	SSF x LoA	-7,91968535	-0,089	0,302
CHR8	3145467	CHR8:3145467	SSF x LoA	-9,02260355	0,003	0,316
CHR8	3149500	CHR8:3149500	SSF x LoA	-7,23943909	-0,157	0,300
CHR8	3153832	CHR8:3153832	SSF x LoA	-11,9820305	-0,010	0,298
CHR8	3153873	CHR8:3153873	SSF x LoA	-8,70466892	-0,042	0,320
CHR8	3158159	CHR8:3158159	SSF x LoA	-8,88029331	-0,093	0,319
CHR8	3158164	CHR8:3158164	SSF x LoA	-10,3971843	0,009	0,307
CHR8	3158188	CHR8:3158188	SSF x LoA	-9,6917311	-0,110	0,299
CHR8	3162581	CHR8:3162581	SSF x LoA	-11,2142626	0,009	0,295
CHR8	3162677	CHR8:3162677	SSF x LoA	-10,8712379	-0,054	0,310
CHR8	3162691	CHR8:3162691	SSF x LoA	-11,2486889	0,040	0,293
CHR8	3162733	CHR8:3162733	SSF x LoA	-9,27825996	0,012	0,291
CHR8	3162753	CHR8:3162753	SSF x LoA	-8,80018165	-0,062	0,302
CHR8	3176972	CHR8:3176972	SSF x LoA	-10,1051263	0,096	0,294
CHR8	3177056	CHR8:3177056	SSF x LoA	-9,47076842	-0,005	0,294
CHR8	318302	CHR8:318302	SSF x LoA	-9,84408032	0,035	0,310
CHR8	3184872	CHR8:3184872	SSF x LoA	-9,5033757	0,032	0,302
CHR8	3193646	CHR8:3193646	SSF x LoA	-11,4165708	-0,101	0,306
CHR8	3193676	CHR8:3193676	SSF x LoA	-10,1875951	0,081	0,305
CHR8	3199031	CHR8:3199031	SSF x LoA	-1,83017452	0,080	0,308

CHR8	3199048	CHR8:3199048	SSF x LoA	-9,26429627	0,044	0,306
CHR8	3207094	CHR8:3207094	SSF x LoA	-9,0841381	0,043	0,305
CHR8	3207096	CHR8:3207096	SSF x LoA	-9,14053185	0,023	0,309
CHR8	321308	CHR8:321308	SSF x LoA	-8,30618423	-0,050	0,313
CHR8	3213660	CHR8:3213660	SSF x LoA	-10,1490966	0,054	0,300
CHR8	3213721	CHR8:3213721	SSF x LoA	-11,1399302	-0,008	0,301
CHR8	3213763	CHR8:3213763	SSF x LoA	-10,3953603	0,079	0,311
CHR8	3213779	CHR8:3213779	SSF x LoA	-7,58272512	-0,038	0,317
CHR8	3213793	CHR8:3213793	SSF x LoA	-8,77251608	-0,019	0,301
CHR8	3213815	CHR8:3213815	SSF x LoA	-2,12434854	-0,033	0,291
CHR8	3213849	CHR8:3213849	SSF x LoA	-10,8273392	-0,041	0,303
CHR8	321393	CHR8:321393	SSF x LoA	-6,7916045	0,116	0,312
CHR8	3223690	CHR8:3223690	SSF x LoA	-11,1887817	-0,036	0,315
CHR8	3223717	CHR8:3223717	SSF x LoA	-9,89279908	-0,015	0,318
CHR8	3225920	CHR8:3225920	SSF x LoA	-8,60281739	0,004	0,302
CHR8	3225926	CHR8:3225926	SSF x LoA	-9,64259593	-0,030	0,291
CHR8	3226098	CHR8:3226098	SSF x LoA	-9,55124341	0,038	0,308
CHR8	3226118	CHR8:3226118	SSF x LoA	-8,33864809	0,039	0,305
CHR8	3226123	CHR8:3226123	SSF x LoA	-7,52590947	0,072	0,312
CHR8	3226172	CHR8:3226172	SSF x LoA	-5,88882576	0,135	0,292
CHR8	3227615	CHR8:3227615	SSF x LoA	-10,4658805	0,079	0,316
CHR8	3242386	CHR8:3242386	SSF x LoA	-3,68920719	-0,072	0,299
CHR8	3242413	CHR8:3242413	SSF x LoA	-5,68083334	-0,131	0,295
CHR8	3242423	CHR8:3242423	SSF x LoA	-10,277094	-0,085	0,309
CHR8	3243215	CHR8:3243215	SSF x LoA	-11,5130514	0,020	0,316
CHR8	3243243	CHR8:3243243	SSF x LoA	-11,0216191	0,026	0,299
CHR8	3249297	CHR8:3249297	SSF x LoA	-4,01946524	0,190	0,305
CHR8	326034	CHR8:326034	SSF x LoA	-8,62162103	-0,171	0,302
CHR8	326099	CHR8:326099	SSF x LoA	-8,97749758	-0,041	0,320
CHR8	3261718	CHR8:3261718	SSF x LoA	-7,70071663	-0,115	0,302
CHR8	3261789	CHR8:3261789	SSF x LoA	-10,4519229	0,027	0,318
CHR8	3261871	CHR8:3261871	SSF x LoA	-10,1005507	0,029	0,317
CHR8	3261881	CHR8:3261881	SSF x LoA	-10,1477744	0,057	0,285
CHR8	326192	CHR8:326192	SSF x LoA	-9,70002212	-0,030	0,307
CHR8	3263214	CHR8:3263214	SSF x LoA	-10,4616598	0,030	0,308
CHR8	3274660	CHR8:3274660	SSF x LoA	-10,203564	0,080	0,303
CHR8	3274697	CHR8:3274697	SSF x LoA	-10,7093132	0,031	0,313
CHR8	3274778	CHR8:3274778	SSF x LoA	-6,03664224	0,016	0,311
CHR8	3277201	CHR8:3277201	SSF x LoA	-11,2609688	0,072	0,302
CHR8	3284607	CHR8:3284607	SSF x LoA	-10,31184	0,016	0,303
CHR8	3284619	CHR8:3284619	SSF x LoA	-8,87933746	0,037	0,303
CHR8	3284649	CHR8:3284649	SSF x LoA	-9,04160919	-0,127	0,288
CHR8	3284661	CHR8:3284661	SSF x LoA	-9,29562029	-0,001	0,308
CHR8	3284677	CHR8:3284677	SSF x LoA	-7,69496823	-0,132	0,314
CHR8	3284715	CHR8:3284715	SSF x LoA	-8,3119313	0,015	0,302
CHR8	3284719	CHR8:3284719	SSF x LoA	-8,51584778	-0,004	0,300
CHR8	3284786	CHR8:3284786	SSF x LoA	-4,65284758	0,051	0,303
CHR8	3284841	CHR8:3284841	SSF x LoA	-10,2116525	-0,028	0,308
CHR8	3284861	CHR8:3284861	SSF x LoA	-9,83373912	0,115	0,292
CHR8	328692	CHR8:328692	SSF x LoA	-10,1423822	-0,072	0,311
CHR8	328854	CHR8:328854	SSF x LoA	-10,014654	0,105	0,311
CHR8	3290874	CHR8:3290874	SSF x LoA	-9,52493643	0,093	0,323
CHR8	3290921	CHR8:3290921	SSF x LoA	-8,51083248	0,057	0,311

CHR8	3290952	CHR8:3290952	SSF x LoA	-6,34734397	-0,098	0,300
CHR8	3290963	CHR8:3290963	SSF x LoA	-8,45700149	-0,088	0,308
CHR8	3290988	CHR8:3290988	SSF x LoA	-6,48854738	0,052	0,306
CHR8	3291008	CHR8:3291008	SSF x LoA	-8,87667236	0,116	0,296
CHR8	3291011	CHR8:3291011	SSF x LoA	-9,46110213	-0,055	0,303
CHR8	3291021	CHR8:3291021	SSF x LoA	-7,74640298	0,068	0,316
CHR8	32996	CHR8:32996	SSF x LoA	-5,27256012	0,108	0,281
CHR8	3304546	CHR8:3304546	SSF x LoA	-7,8776031	0,047	0,308
CHR8	3304763	CHR8:3304763	SSF x LoA	-9,12756158	0,002	0,308
CHR8	3307308	CHR8:3307308	SSF x LoA	-10,74256	0,045	0,309
CHR8	3307409	CHR8:3307409	SSF x LoA	-11,5758437	-0,014	0,309
CHR8	3327335	CHR8:3327335	SSF x LoA	-9,91853077	0,092	0,299
CHR8	3327406	CHR8:3327406	SSF x LoA	-8,51875533	0,009	0,308
CHR8	3327440	CHR8:3327440	SSF x LoA	-6,91380216	0,103	0,289
CHR8	3327452	CHR8:3327452	SSF x LoA	-5,59216975	0,149	0,281
CHR8	3334644	CHR8:3334644	SSF x LoA	-10,6106061	-0,129	0,304
CHR8	3334681	CHR8:3334681	SSF x LoA	-8,58816056	-0,083	0,303
CHR8	3334724	CHR8:3334724	SSF x LoA	-5,52227764	-0,081	0,319
CHR8	3334767	CHR8:3334767	SSF x LoA	-2,10852133	0,097	0,315
CHR8	3334768	CHR8:3334768	SSF x LoA	-6,32524923	0,052	0,299
CHR8	3334848	CHR8:3334848	SSF x LoA	-10,6441793	-0,043	0,308
CHR8	335072	CHR8:335072	SSF x LoA	-11,3758274	-0,013	0,288
CHR8	3350999	CHR8:3350999	SSF x LoA	-10,1332347	-0,092	0,310
CHR8	3351001	CHR8:3351001	SSF x LoA	-10,6294286	-0,079	0,325
CHR8	3351776	CHR8:3351776	SSF x LoA	-10,6284761	0,058	0,301
CHR8	3353237	CHR8:3353237	SSF x LoA	-10,1927074	-0,007	0,297
CHR8	3355333	CHR8:3355333	SSF x LoA	-10,1243127	-0,054	0,307
CHR8	3355398	CHR8:3355398	SSF x LoA	-10,5178087	-0,012	0,314
CHR8	3362555	CHR8:3362555	SSF x LoA	-9,33171349	-0,013	0,302
CHR8	3366925	CHR8:3366925	SSF x LoA	-10,3563917	-0,018	0,306
CHR8	3385432	CHR8:3385432	SSF x LoA	-11,0229679	-0,075	0,302
CHR8	3385487	CHR8:3385487	SSF x LoA	-10,6920163	-0,018	0,314
CHR8	3385531	CHR8:3385531	SSF x LoA	-10,9697516	-0,058	0,299
CHR8	3385612	CHR8:3385612	SSF x LoA	-11,6210456	-0,027	0,315
CHR8	3399278	CHR8:3399278	SSF x LoA	-10,8421052	-0,052	0,305
CHR8	3399444	CHR8:3399444	SSF x LoA	-10,0392991	0,015	0,309
CHR8	3405279	CHR8:3405279	SSF x LoA	-8,25410106	0,156	0,303
CHR8	3405340	CHR8:3405340	SSF x LoA	-10,8305385	-0,056	0,316
CHR8	3405760	CHR8:3405760	SSF x LoA	-9,5087139	-0,133	0,316
CHR8	3405793	CHR8:3405793	SSF x LoA	-8,88969302	0,065	0,316
CHR8	3425288	CHR8:3425288	SSF x LoA	-10,43712	0,129	0,307
CHR8	3425453	CHR8:3425453	SSF x LoA	-9,90199938	-0,123	0,305
CHR8	3436232	CHR8:3436232	SSF x LoA	-12,1412528	0,022	0,295
CHR8	3436327	CHR8:3436327	SSF x LoA	-9,32817618	-0,045	0,305
CHR8	3436347	CHR8:3436347	SSF x LoA	-8,88035492	-0,096	0,294
CHR8	3436367	CHR8:3436367	SSF x LoA	-6,80342737	-0,167	0,303
CHR8	3445766	CHR8:3445766	SSF x LoA	-9,37119343	0,026	0,316
CHR8	3445910	CHR8:3445910	SSF x LoA	-8,23446397	-0,069	0,309
CHR8	3447711	CHR8:3447711	SSF x LoA	-8,93674127	-0,019	0,314
CHR8	3447869	CHR8:3447869	SSF x LoA	-6,01959876	-0,143	0,299
CHR8	3454789	CHR8:3454789	SSF x LoA	-8,64581832	-0,025	0,304
CHR8	3454882	CHR8:3454882	SSF x LoA	-9,00899692	0,071	0,306
CHR8	3462506	CHR8:3462506	SSF x LoA	-10,707431	-0,050	0,299

CHR8	3462552	CHR8:3462552	SSF x LoA	-8,89031369	0,060	0,310
CHR8	3462564	CHR8:3462564	SSF x LoA	-11,288695	-0,046	0,307
CHR8	3462581	CHR8:3462581	SSF x LoA	-10,2513093	0,015	0,308
CHR8	3465763	CHR8:3465763	SSF x LoA	-5,3395051	0,092	0,310
CHR8	3465781	CHR8:3465781	SSF x LoA	-7,68512638	-0,054	0,304
CHR8	3465900	CHR8:3465900	SSF x LoA	-8,2471086	0,080	0,289
CHR8	3465937	CHR8:3465937	SSF x LoA	-12,210883	0,020	0,295
CHR8	3465953	CHR8:3465953	SSF x LoA	-11,1589285	-0,023	0,287
CHR8	3465965	CHR8:3465965	SSF x LoA	-10,635014	0,066	0,303
CHR8	3477354	CHR8:3477354	SSF x LoA	-10,8965878	0,067	0,313
CHR8	3477364	CHR8:3477364	SSF x LoA	-9,01602275	0,033	0,320
CHR8	3477370	CHR8:3477370	SSF x LoA	-10,5597261	-0,013	0,300
CHR8	3484291	CHR8:3484291	SSF x LoA	-10,9252694	-0,047	0,298
CHR8	3490910	CHR8:3490910	SSF x LoA	-5,22095671	-0,126	0,301
CHR8	3490913	CHR8:3490913	SSF x LoA	-9,04405487	0,027	0,303
CHR8	3490921	CHR8:3490921	SSF x LoA	-7,62825745	0,107	0,302
CHR8	3490937	CHR8:3490937	SSF x LoA	-10,6704013	0,054	0,300
CHR8	3490978	CHR8:3490978	SSF x LoA	-11,5634052	-0,001	0,305
CHR8	3491036	CHR8:3491036	SSF x LoA	-7,98420748	0,052	0,321
CHR8	3491137	CHR8:3491137	SSF x LoA	-11,5227296	-0,095	0,299
CHR8	3513141	CHR8:3513141	SSF x LoA	-8,38356678	0,065	0,305
CHR8	3513159	CHR8:3513159	SSF x LoA	-10,3805757	0,001	0,317
CHR8	3513168	CHR8:3513168	SSF x LoA	-8,10833055	0,046	0,300
CHR8	3513181	CHR8:3513181	SSF x LoA	-8,14101531	-0,029	0,313
CHR8	3513189	CHR8:3513189	SSF x LoA	-9,43735442	-0,002	0,305
CHR8	3547207	CHR8:3547207	SSF x LoA	-11,190515	-0,116	0,295
CHR8	3557513	CHR8:3557513	SSF x LoA	-10,4642514	0,041	0,297
CHR8	3558435	CHR8:3558435	SSF x LoA	-11,5290293	-0,014	0,308
CHR8	3560393	CHR8:3560393	SSF x LoA	-10,4324394	0,078	0,290
CHR8	3560394	CHR8:3560394	SSF x LoA	-7,57314414	-0,178	0,295
CHR8	3560497	CHR8:3560497	SSF x LoA	-9,67434976	0,134	0,314
CHR8	3560510	CHR8:3560510	SSF x LoA	-8,88844987	0,055	0,299
CHR8	3560518	CHR8:3560518	SSF x LoA	-9,1393194	-0,063	0,306
CHR8	3560548	CHR8:3560548	SSF x LoA	-6,29264488	-0,185	0,298
CHR8	3560572	CHR8:3560572	SSF x LoA	-8,47403164	-0,033	0,309
CHR8	3560592	CHR8:3560592	SSF x LoA	-8,62056892	-0,094	0,309
CHR8	356647	CHR8:356647	SSF x LoA	-7,44012647	-0,007	0,306
CHR8	356659	CHR8:356659	SSF x LoA	-10,5533868	-0,106	0,304
CHR8	356675	CHR8:356675	SSF x LoA	-9,55394261	-0,006	0,309
CHR8	3577987	CHR8:3577987	SSF x LoA	-5,06045041	0,112	0,310
CHR8	3578001	CHR8:3578001	SSF x LoA	-9,25816432	-0,092	0,321
CHR8	3578095	CHR8:3578095	SSF x LoA	-11,8168179	0,010	0,313
CHR8	3578097	CHR8:3578097	SSF x LoA	-6,86164498	0,186	0,314
CHR8	3578143	CHR8:3578143	SSF x LoA	-9,02236585	-0,079	0,314
CHR8	3578181	CHR8:3578181	SSF x LoA	-11,6822737	-0,018	0,313
CHR8	3578194	CHR8:3578194	SSF x LoA	-9,87182286	-0,045	0,318
CHR8	3581511	CHR8:3581511	SSF x LoA	-10,1262402	0,022	0,322
CHR8	3588389	CHR8:3588389	SSF x LoA	-8,50435219	-0,044	0,318
CHR8	3588429	CHR8:3588429	SSF x LoA	-10,3066033	0,072	0,307
CHR8	3597669	CHR8:3597669	SSF x LoA	-3,25532098	0,024	0,312
CHR8	3602842	CHR8:3602842	SSF x LoA	-10,5021886	-0,019	0,318
CHR8	3602979	CHR8:3602979	SSF x LoA	-4,8136273	-0,239	0,294
CHR8	3603008	CHR8:3603008	SSF x LoA	-8,25393697	0,102	0,313

CHR8	3603038	CHR8:3603038	SSF x LoA	-9,58550799	0,104	0,320
CHR8	3603145	CHR8:3603145	SSF x LoA	-11,8235665	0,061	0,308
CHR8	3607748	CHR8:3607748	SSF x LoA	-7,54253594	0,104	0,306
CHR8	3607828	CHR8:3607828	SSF x LoA	-6,46915399	-0,167	0,304
CHR8	3607863	CHR8:3607863	SSF x LoA	-11,3916508	0,038	0,307
CHR8	3607868	CHR8:3607868	SSF x LoA	-8,89369066	0,075	0,316
CHR8	3607874	CHR8:3607874	SSF x LoA	-10,4360439	-0,020	0,309
CHR8	3607879	CHR8:3607879	SSF x LoA	-10,2010841	-0,029	0,299
CHR8	3607963	CHR8:3607963	SSF x LoA	-9,19954582	0,022	0,302
CHR8	3626640	CHR8:3626640	SSF x LoA	-9,52353794	-0,112	0,299
CHR8	3626896	CHR8:3626896	SSF x LoA	-10,1954447	0,116	0,299
CHR8	3626900	CHR8:3626900	SSF x LoA	-11,6560768	0,029	0,317
CHR8	3636529	CHR8:3636529	SSF x LoA	-11,2416734	0,005	0,306
CHR8	3645673	CHR8:3645673	SSF x LoA	-9,45878673	0,067	0,309
CHR8	3645703	CHR8:3645703	SSF x LoA	-7,10872709	0,026	0,308
CHR8	3645715	CHR8:3645715	SSF x LoA	-9,5849732	0,120	0,302
CHR8	3645716	CHR8:3645716	SSF x LoA	-11,5561051	0,028	0,308
CHR8	3645734	CHR8:3645734	SSF x LoA	-8,25020073	-0,020	0,309
CHR8	3645799	CHR8:3645799	SSF x LoA	-8,75757832	0,037	0,310
CHR8	3654475	CHR8:3654475	SSF x LoA	-11,4539278	0,045	0,302
CHR8	3654590	CHR8:3654590	SSF x LoA	-9,11793991	-0,004	0,311
CHR8	3654684	CHR8:3654684	SSF x LoA	-10,7242463	-0,087	0,307
CHR8	3673032	CHR8:3673032	SSF x LoA	-7,44201028	0,161	0,304
CHR8	3673138	CHR8:3673138	SSF x LoA	-7,73768505	-0,143	0,304
CHR8	3673339	CHR8:3673339	SSF x LoA	-10,7801661	-0,008	0,313
CHR8	3673354	CHR8:3673354	SSF x LoA	-8,86947129	-0,071	0,307
CHR8	3673360	CHR8:3673360	SSF x LoA	-10,6022637	0,030	0,314
CHR8	3673367	CHR8:3673367	SSF x LoA	-9,78657522	0,041	0,309
CHR8	3673391	CHR8:3673391	SSF x LoA	-9,66854977	0,006	0,296
CHR8	3673411	CHR8:3673411	SSF x LoA	-11,3406203	0,001	0,298
CHR8	3673442	CHR8:3673442	SSF x LoA	-5,46155942	0,169	0,299
CHR8	3676837	CHR8:3676837	SSF x LoA	-6,92654125	0,149	0,301
CHR8	3678172	CHR8:3678172	SSF x LoA	-10,5517964	0,009	0,300
CHR8	3678184	CHR8:3678184	SSF x LoA	-8,41035072	0,092	0,302
CHR8	3678193	CHR8:3678193	SSF x LoA	-6,56255775	-0,186	0,300
CHR8	3678430	CHR8:3678430	SSF x LoA	-9,95586385	-0,049	0,310
CHR8	3678461	CHR8:3678461	SSF x LoA	-11,1153334	0,078	0,304
CHR8	3696360	CHR8:3696360	SSF x LoA	-11,1471677	0,032	0,307
CHR8	3704279	CHR8:3704279	SSF x LoA	-8,72455009	-0,035	0,312
CHR8	3704414	CHR8:3704414	SSF x LoA	-10,1688925	-0,038	0,305
CHR8	3704458	CHR8:3704458	SSF x LoA	-4,70774593	0,017	0,304
CHR8	3704467	CHR8:3704467	SSF x LoA	-11,6445432	0,037	0,299
CHR8	3706268	CHR8:3706268	SSF x LoA	-9,39417819	0,050	0,324
CHR8	3706392	CHR8:3706392	SSF x LoA	-7,78474733	-0,077	0,308
CHR8	3715130	CHR8:3715130	SSF x LoA	-10,6970094	0,046	0,298
CHR8	3715293	CHR8:3715293	SSF x LoA	-9,47147261	0,013	0,311
CHR8	3715328	CHR8:3715328	SSF x LoA	-8,53716585	-0,009	0,315
CHR8	3715353	CHR8:3715353	SSF x LoA	-11,2514794	0,056	0,304
CHR8	3715357	CHR8:3715357	SSF x LoA	-8,47735513	0,087	0,317
CHR8	3722526	CHR8:3722526	SSF x LoA	-7,91496045	0,095	0,311
CHR8	3722534	CHR8:3722534	SSF x LoA	-8,08143885	0,100	0,305
CHR8	3722557	CHR8:3722557	SSF x LoA	-5,9567648	-0,027	0,310
CHR8	3722655	CHR8:3722655	SSF x LoA	-7,50047305	0,070	0,315

CHR8	3722908	CHR8:3722908	SSF x LoA	-7,09991496	0,015	0,306
CHR8	3726535	CHR8:3726535	SSF x LoA	-10,2318853	0,064	0,310
CHR8	3726598	CHR8:3726598	SSF x LoA	-6,8449344	-0,052	0,300
CHR8	3726764	CHR8:3726764	SSF x LoA	-8,01931346	0,009	0,321
CHR8	3726820	CHR8:3726820	SSF x LoA	-7,02394303	0,107	0,305
CHR8	3730290	CHR8:3730290	SSF x LoA	-9,44447909	-0,055	0,305
CHR8	3730335	CHR8:3730335	SSF x LoA	-10,8261344	0,007	0,294
CHR8	3730389	CHR8:3730389	SSF x LoA	-10,3608564	0,090	0,308
CHR8	3730480	CHR8:3730480	SSF x LoA	-11,0390398	-0,054	0,313
CHR8	3734816	CHR8:3734816	SSF x LoA	-7,17809139	0,022	0,313
CHR8	3734839	CHR8:3734839	SSF x LoA	-9,23887271	0,059	0,297
CHR8	3734970	CHR8:3734970	SSF x LoA	-8,23367401	0,094	0,325
CHR8	3739185	CHR8:3739185	SSF x LoA	-8,71667639	0,069	0,294
CHR8	3739349	CHR8:3739349	SSF x LoA	6,38553489	0,152	0,291
CHR8	3739585	CHR8:3739585	SSF x LoA	-10,4590744	0,039	0,300
CHR8	374288	CHR8:374288	SSF x LoA	-7,67260263	0,078	0,311
CHR8	3747349	CHR8:3747349	SSF x LoA	-8,61495565	0,007	0,313
CHR8	3757561	CHR8:3757561	SSF x LoA	-11,4117377	-0,057	0,306
CHR8	3757710	CHR8:3757710	SSF x LoA	-11,1709809	-0,023	0,303
CHR8	3757747	CHR8:3757747	SSF x LoA	-8,68379018	0,011	0,317
CHR8	3757892	CHR8:3757892	SSF x LoA	-7,88653688	0,133	0,294
CHR8	3760830	CHR8:3760830	SSF x LoA	-2,60995284	0,067	0,306
CHR8	3760850	CHR8:3760850	SSF x LoA	-8,24404545	-0,129	0,321
CHR8	3775467	CHR8:3775467	SSF x LoA	-10,7949978	0,039	0,303
CHR8	3775491	CHR8:3775491	SSF x LoA	-10,3388347	0,033	0,302
CHR8	3775505	CHR8:3775505	SSF x LoA	-9,8193826	-0,112	0,314
CHR8	3775534	CHR8:3775534	SSF x LoA	-6,90506523	0,050	0,316
CHR8	3775564	CHR8:3775564	SSF x LoA	-11,3580708	0,062	0,298
CHR8	3775884	CHR8:3775884	SSF x LoA	-10,0853785	-0,017	0,319
CHR8	3778857	CHR8:3778857	SSF x LoA	-9,09583773	-0,030	0,299
CHR8	3782673	CHR8:3782673	SSF x LoA	-0,04652054	0,228	0,292
CHR8	3782746	CHR8:3782746	SSF x LoA	-10,6073689	-0,069	0,294
CHR8	3783011	CHR8:3783011	SSF x LoA	-9,87107925	0,088	0,311
CHR8	3786401	CHR8:3786401	SSF x LoA	-10,5479074	0,112	0,309
CHR8	3786523	CHR8:3786523	SSF x LoA	-9,11334364	-0,070	0,304
CHR8	3786531	CHR8:3786531	SSF x LoA	-10,8256509	0,044	0,302
CHR8	3786570	CHR8:3786570	SSF x LoA	-11,2270863	0,030	0,315
CHR8	3786604	CHR8:3786604	SSF x LoA	-10,9776717	-0,024	0,318
CHR8	3786663	CHR8:3786663	SSF x LoA	-10,9253034	-0,057	0,297
CHR8	3794075	CHR8:3794075	SSF x LoA	-11,0352889	-0,010	0,310
CHR8	3801066	CHR8:3801066	SSF x LoA	-9,2642566	0,118	0,313
CHR8	3813702	CHR8:3813702	SSF x LoA	-10,1070265	-0,133	0,297
CHR8	3813783	CHR8:3813783	SSF x LoA	-6,4122608	0,073	0,308
CHR8	3813788	CHR8:3813788	SSF x LoA	-9,76102603	-0,074	0,294
CHR8	3813791	CHR8:3813791	SSF x LoA	-6,57282934	0,008	0,325
CHR8	3828180	CHR8:3828180	SSF x LoA	-8,45615838	0,008	0,308
CHR8	3828189	CHR8:3828189	SSF x LoA	-11,2841158	0,030	0,299
CHR8	3828214	CHR8:3828214	SSF x LoA	-10,1746731	0,042	0,299
CHR8	3828302	CHR8:3828302	SSF x LoA	-11,3406306	0,102	0,301
CHR8	3828440	CHR8:3828440	SSF x LoA	-9,61715391	0,006	0,302
CHR8	3854770	CHR8:3854770	SSF x LoA	-11,3412637	0,047	0,305
CHR8	3863343	CHR8:3863343	SSF x LoA	-10,0532971	-0,022	0,309
CHR8	3863387	CHR8:3863387	SSF x LoA	-8,67180245	-0,021	0,324

CHR8	3870756	CHR8:3870756	SSF x LoA	-9,54757632	0,162	0,293
CHR8	3870809	CHR8:3870809	SSF x LoA	-10,7635062	0,085	0,308
CHR8	3870876	CHR8:3870876	SSF x LoA	-9,68393193	0,014	0,299
CHR8	3870907	CHR8:3870907	SSF x LoA	-9,31059202	-0,031	0,321
CHR8	3874024	CHR8:3874024	SSF x LoA	-10,1220014	-0,002	0,309
CHR8	3874039	CHR8:3874039	SSF x LoA	-8,54843421	-0,104	0,300
CHR8	3874056	CHR8:3874056	SSF x LoA	-8,47466027	0,044	0,328
CHR8	3875984	CHR8:3875984	SSF x LoA	-9,35626169	-0,081	0,306
CHR8	3876002	CHR8:3876002	SSF x LoA	-10,4702602	-0,061	0,305
CHR8	3876103	CHR8:3876103	SSF x LoA	-8,37605494	0,008	0,316
CHR8	3877414	CHR8:3877414	SSF x LoA	-8,6737729	0,088	0,309
CHR8	3877584	CHR8:3877584	SSF x LoA	-10,9129622	-0,050	0,303
CHR8	3884541	CHR8:3884541	SSF x LoA	-10,0612746	-0,017	0,298
CHR8	3885199	CHR8:3885199	SSF x LoA	-6,45512373	-0,015	0,311
CHR8	3889318	CHR8:3889318	SSF x LoA	-9,13301782	-0,101	0,304
CHR8	3889411	CHR8:3889411	SSF x LoA	-11,3536559	-0,041	0,298
CHR8	3889482	CHR8:3889482	SSF x LoA	-9,79162444	0,042	0,306
CHR8	3889490	CHR8:3889490	SSF x LoA	-10,1960759	0,018	0,310
CHR8	3899283	CHR8:3899283	SSF x LoA	-8,24201298	-0,060	0,318
CHR8	3899306	CHR8:3899306	SSF x LoA	-10,4740318	-0,070	0,298
CHR8	3899364	CHR8:3899364	SSF x LoA	-8,80742533	-0,019	0,303
CHR8	3907540	CHR8:3907540	SSF x LoA	-9,0179722	0,090	0,295
CHR8	3907616	CHR8:3907616	SSF x LoA	-7,90598919	0,014	0,307
CHR8	3908919	CHR8:3908919	SSF x LoA	-10,1789091	0,044	0,314
CHR8	3910525	CHR8:3910525	SSF x LoA	-10,4013835	-0,011	0,306
CHR8	3910541	CHR8:3910541	SSF x LoA	-11,2629602	-0,028	0,316
CHR8	3910543	CHR8:3910543	SSF x LoA	-9,7441647	0,015	0,303
CHR8	3910572	CHR8:3910572	SSF x LoA	-3,74319662	0,122	0,317
CHR8	3910585	CHR8:3910585	SSF x LoA	-8,68170328	-0,011	0,324
CHR8	3910594	CHR8:3910594	SSF x LoA	-9,53919794	0,130	0,317
CHR8	3910597	CHR8:3910597	SSF x LoA	-9,8571952	0,035	0,312
CHR8	3917922	CHR8:3917922	SSF x LoA	-8,96307371	0,125	0,295
CHR8	3918101	CHR8:3918101	SSF x LoA	-10,1018885	-0,005	0,296
CHR8	3918111	CHR8:3918111	SSF x LoA	-11,2040987	0,027	0,311
CHR8	3918921	CHR8:3918921	SSF x LoA	-9,64203376	-0,004	0,305
CHR8	3918958	CHR8:3918958	SSF x LoA	-10,2177614	-0,067	0,301
CHR8	3919004	CHR8:3919004	SSF x LoA	-11,2862686	-0,066	0,305
CHR8	3928663	CHR8:3928663	SSF x LoA	-9,638106	-0,061	0,301
CHR8	3940268	CHR8:3940268	SSF x LoA	-10,0831112	0,064	0,312
CHR8	3940345	CHR8:3940345	SSF x LoA	-9,06071556	0,060	0,305
CHR8	3940353	CHR8:3940353	SSF x LoA	-9,21390695	0,097	0,314
CHR8	3940414	CHR8:3940414	SSF x LoA	-10,1546305	-0,078	0,310
CHR8	3940419	CHR8:3940419	SSF x LoA	-11,0037474	-0,089	0,310
CHR8	3940515	CHR8:3940515	SSF x LoA	-10,6764733	0,100	0,302
CHR8	3940527	CHR8:3940527	SSF x LoA	-11,7359023	-0,009	0,301
CHR8	3940529	CHR8:3940529	SSF x LoA	-7,06227368	0,125	0,295
CHR8	3953686	CHR8:3953686	SSF x LoA	-8,0585578	0,045	0,294
CHR8	3953722	CHR8:3953722	SSF x LoA	-7,470544	0,106	0,312
CHR8	3953830	CHR8:3953830	SSF x LoA	-7,89224067	-0,104	0,290
CHR8	3953873	CHR8:3953873	SSF x LoA	-11,3775448	-0,069	0,302
CHR8	3960206	CHR8:3960206	SSF x LoA	-8,48413238	0,044	0,296
CHR8	3960281	CHR8:3960281	SSF x LoA	-6,81949462	0,103	0,308
CHR8	3960286	CHR8:3960286	SSF x LoA	-6,27546522	0,083	0,298

CHR8	3960317	CHR8:3960317	SSF x LoA	-8,53742417	0,096	0,299
CHR8	3960348	CHR8:3960348	SSF x LoA	-3,2287877	0,135	0,297
CHR8	3960360	CHR8:3960360	SSF x LoA	-7,92845507	0,050	0,307
CHR8	3960387	CHR8:3960387	SSF x LoA	-9,019283	-0,015	0,303
CHR8	3961352	CHR8:3961352	SSF x LoA	-9,09554951	0,023	0,301
CHR8	3962491	CHR8:3962491	SSF x LoA	-10,0198941	0,019	0,294
CHR8	3964811	CHR8:3964811	SSF x LoA	-7,89453519	-0,021	0,310
CHR8	3964826	CHR8:3964826	SSF x LoA	-9,90761636	0,028	0,311
CHR8	3964948	CHR8:3964948	SSF x LoA	-3,00533723	-0,086	0,308
CHR8	3965038	CHR8:3965038	SSF x LoA	-11,9064534	-0,005	0,302
CHR8	396594	CHR8:396594	SSF x LoA	-7,80426097	0,095	0,307
CHR8	3966909	CHR8:3966909	SSF x LoA	-8,88397483	0,041	0,307
CHR8	3966945	CHR8:3966945	SSF x LoA	-11,0705214	0,065	0,318
CHR8	3967147	CHR8:3967147	SSF x LoA	-10,7284096	-0,011	0,311
CHR8	3967162	CHR8:3967162	SSF x LoA	-9,8403805	0,015	0,316
CHR8	3967192	CHR8:3967192	SSF x LoA	-8,45218942	-0,024	0,311
CHR8	3975211	CHR8:3975211	SSF x LoA	-4,15823205	-0,198	0,295
CHR8	3991657	CHR8:3991657	SSF x LoA	-8,61241285	-0,101	0,297
CHR8	3991689	CHR8:3991689	SSF x LoA	-8,26247549	0,088	0,307
CHR8	3992345	CHR8:3992345	SSF x LoA	-8,75978984	0,029	0,317
CHR8	3996684	CHR8:3996684	SSF x LoA	-7,85374106	-0,129	0,296
CHR8	4010913	CHR8:4010913	SSF x LoA	-7,83895791	0,073	0,309
CHR8	4010953	CHR8:4010953	SSF x LoA	-6,98517672	0,109	0,299
CHR8	4010954	CHR8:4010954	SSF x LoA	-9,12207994	-0,086	0,301
CHR8	4010992	CHR8:4010992	SSF x LoA	-8,42261984	-0,061	0,289
CHR8	4011034	CHR8:4011034	SSF x LoA	-7,52689641	0,126	0,308
CHR8	4011051	CHR8:4011051	SSF x LoA	-9,76023745	0,117	0,310
CHR8	4014914	CHR8:4014914	SSF x LoA	-8,31974575	0,062	0,303
CHR8	4014935	CHR8:4014935	SSF x LoA	-9,60488875	-0,053	0,300
CHR8	4014944	CHR8:4014944	SSF x LoA	-10,1345606	-0,043	0,297
CHR8	4014945	CHR8:4014945	SSF x LoA	-11,7967382	-0,043	0,305
CHR8	4014953	CHR8:4014953	SSF x LoA	-9,87437894	-0,048	0,310
CHR8	4014977	CHR8:4014977	SSF x LoA	-6,87176406	0,055	0,304
CHR8	4014986	CHR8:4014986	SSF x LoA	-7,33387431	0,037	0,302
CHR8	4015039	CHR8:4015039	SSF x LoA	-10,9238253	0,064	0,304
CHR8	4015070	CHR8:4015070	SSF x LoA	-10,1174673	-0,087	0,312
CHR8	4015081	CHR8:4015081	SSF x LoA	-10,0601762	-0,021	0,307
CHR8	4015084	CHR8:4015084	SSF x LoA	-9,83999947	-0,080	0,299
CHR8	4015090	CHR8:4015090	SSF x LoA	-9,45419552	0,035	0,297
CHR8	4015099	CHR8:4015099	SSF x LoA	-6,96167408	-0,083	0,308
CHR8	4015100	CHR8:4015100	SSF x LoA	-11,0966704	-0,022	0,300
CHR8	4019593	CHR8:4019593	SSF x LoA	-9,54570472	-0,060	0,306
CHR8	4028821	CHR8:4028821	SSF x LoA	-7,83935686	-0,026	0,310
CHR8	4028894	CHR8:4028894	SSF x LoA	-7,17507323	-0,096	0,302
CHR8	4028982	CHR8:4028982	SSF x LoA	-6,03477414	-0,132	0,301
CHR8	4029084	CHR8:4029084	SSF x LoA	-10,7238556	0,067	0,304
CHR8	4029086	CHR8:4029086	SSF x LoA	-6,8583921	0,117	0,289
CHR8	4029105	CHR8:4029105	SSF x LoA	-11,0037577	-0,008	0,312
CHR8	4029118	CHR8:4029118	SSF x LoA	-6,62980541	0,059	0,313
CHR8	4032813	CHR8:4032813	SSF x LoA	-11,4830542	0,001	0,311
CHR8	4032831	CHR8:4032831	SSF x LoA	0,82000725	-0,020	0,323
CHR8	4032893	CHR8:4032893	SSF x LoA	-10,4398296	0,135	0,297
CHR8	4033029	CHR8:4033029	SSF x LoA	-12,3951161	-0,029	0,290

CHR8	4040106	CHR8:4040106	SSF x LoA	-9,13855937	-0,055	0,319
CHR8	404326	CHR8:404326	SSF x LoA	-9,59368411	0,105	0,314
CHR8	404382	CHR8:404382	SSF x LoA	-1,20456838	0,140	0,298
CHR8	4045886	CHR8:4045886	SSF x LoA	-7,77517434	-0,071	0,314
CHR8	4046043	CHR8:4046043	SSF x LoA	-8,20307526	-0,022	0,306
CHR8	4046044	CHR8:4046044	SSF x LoA	-9,37640946	-0,007	0,308
CHR8	4056206	CHR8:4056206	SSF x LoA	-9,24447314	-0,046	0,299
CHR8	4059610	CHR8:4059610	SSF x LoA	-8,30468128	-0,016	0,310
CHR8	4059663	CHR8:4059663	SSF x LoA	-10,6028496	0,025	0,299
CHR8	4059679	CHR8:4059679	SSF x LoA	-7,49573417	-0,021	0,307
CHR8	4059685	CHR8:4059685	SSF x LoA	-10,8487221	0,035	0,314
CHR8	4062640	CHR8:4062640	SSF x LoA	-11,1932412	-0,038	0,319
CHR8	4062740	CHR8:4062740	SSF x LoA	-8,18554868	-0,142	0,312
CHR8	4062869	CHR8:4062869	SSF x LoA	-6,72403069	0,099	0,307
CHR8	4070440	CHR8:4070440	SSF x LoA	-7,05110157	0,182	0,296
CHR8	4070467	CHR8:4070467	SSF x LoA	-7,13463174	-0,141	0,307
CHR8	4070498	CHR8:4070498	SSF x LoA	-9,40070857	0,099	0,301
CHR8	4070499	CHR8:4070499	SSF x LoA	-7,50450271	0,150	0,302
CHR8	4070510	CHR8:4070510	SSF x LoA	-10,2159631	-0,001	0,305
CHR8	4070544	CHR8:4070544	SSF x LoA	-8,47923469	0,002	0,296
CHR8	4070621	CHR8:4070621	SSF x LoA	-10,2478011	-0,042	0,285
CHR8	4071140	CHR8:4071140	SSF x LoA	-8,65643738	-0,190	0,309
CHR8	4072781	CHR8:4072781	SSF x LoA	-8,64553676	-0,033	0,297
CHR8	4072818	CHR8:4072818	SSF x LoA	-9,37026971	-0,029	0,287
CHR8	4072827	CHR8:4072827	SSF x LoA	-9,19069394	-0,051	0,318
CHR8	4072832	CHR8:4072832	SSF x LoA	-10,4001308	0,015	0,305
CHR8	4072838	CHR8:4072838	SSF x LoA	-11,3813859	-0,039	0,292
CHR8	4072855	CHR8:4072855	SSF x LoA	-7,1528996	-0,028	0,297
CHR8	4072859	CHR8:4072859	SSF x LoA	-10,7608176	-0,041	0,308
CHR8	4072881	CHR8:4072881	SSF x LoA	-8,69758721	-0,030	0,309
CHR8	4072903	CHR8:4072903	SSF x LoA	-6,78289895	0,030	0,311
CHR8	4072921	CHR8:4072921	SSF x LoA	-7,45725789	0,086	0,298
CHR8	4072943	CHR8:4072943	SSF x LoA	-8,310091	0,105	0,297
CHR8	4072958	CHR8:4072958	SSF x LoA	-9,44485993	0,028	0,293
CHR8	4073020	CHR8:4073020	SSF x LoA	-8,62716813	0,011	0,311
CHR8	4074844	CHR8:4074844	SSF x LoA	-8,90824628	-0,019	0,306
CHR8	4074979	CHR8:4074979	SSF x LoA	-8,68179117	-0,033	0,300
CHR8	4081340	CHR8:4081340	SSF x LoA	-8,30715584	-0,075	0,297
CHR8	4081379	CHR8:4081379	SSF x LoA	-8,47001115	-0,032	0,313
CHR8	4081475	CHR8:4081475	SSF x LoA	-7,82811861	0,093	0,301
CHR8	4081540	CHR8:4081540	SSF x LoA	-10,2576586	0,027	0,306
CHR8	4081580	CHR8:4081580	SSF x LoA	-10,0310676	-0,023	0,311
CHR8	4098108	CHR8:4098108	SSF x LoA	-3,47210812	0,059	0,309
CHR8	4098121	CHR8:4098121	SSF x LoA	-6,63054426	-0,072	0,311
CHR8	4098139	CHR8:4098139	SSF x LoA	-11,7947059	0,023	0,311
CHR8	4100023	CHR8:4100023	SSF x LoA	-10,2618172	-0,075	0,309
CHR8	4103025	CHR8:4103025	SSF x LoA	-9,19416316	-0,116	0,308
CHR8	4103033	CHR8:4103033	SSF x LoA	-7,85638814	-0,130	0,304
CHR8	4103054	CHR8:4103054	SSF x LoA	-11,4270524	-0,047	0,298
CHR8	4103057	CHR8:4103057	SSF x LoA	-9,19666671	0,058	0,320
CHR8	4103237	CHR8:4103237	SSF x LoA	-11,1128454	0,000	0,302
CHR8	4110365	CHR8:4110365	SSF x LoA	-10,7394098	-0,015	0,305
CHR8	4110373	CHR8:4110373	SSF x LoA	-10,4174552	-0,074	0,312

CHR8	4110382	CHR8:4110382	SSF x LoA	-10,3471068	-0,018	0,298
CHR8	4110409	CHR8:4110409	SSF x LoA	-10,1705341	0,113	0,299
CHR8	4110414	CHR8:4110414	SSF x LoA	-7,69846808	-0,053	0,317
CHR8	4110453	CHR8:4110453	SSF x LoA	-10,0756874	-0,131	0,299
CHR8	4110467	CHR8:4110467	SSF x LoA	-8,57502944	0,065	0,319
CHR8	4110479	CHR8:4110479	SSF x LoA	-10,3186974	0,045	0,303
CHR8	4111178	CHR8:4111178	SSF x LoA	-10,7055726	-0,028	0,309
CHR8	4111190	CHR8:4111190	SSF x LoA	-10,8969879	-0,079	0,312
CHR8	4113582	CHR8:4113582	SSF x LoA	-9,85054552	0,048	0,302
CHR8	4113584	CHR8:4113584	SSF x LoA	-5,31720979	0,126	0,311
CHR8	4119166	CHR8:4119166	SSF x LoA	-9,94463675	0,042	0,316
CHR8	4122215	CHR8:4122215	SSF x LoA	-9,12470351	0,058	0,313
CHR8	4122221	CHR8:4122221	SSF x LoA	-8,93152619	0,057	0,301
CHR8	4122257	CHR8:4122257	SSF x LoA	-9,83661388	0,075	0,295
CHR8	4123823	CHR8:4123823	SSF x LoA	-8,75004172	-0,025	0,309
CHR8	4128939	CHR8:4128939	SSF x LoA	-9,81274775	-0,025	0,308
CHR8	4128986	CHR8:4128986	SSF x LoA	-1,36927911	-0,201	0,302
CHR8	4129007	CHR8:4129007	SSF x LoA	-4,96519283	0,136	0,309
CHR8	4129088	CHR8:4129088	SSF x LoA	-10,261797	-0,038	0,315
CHR8	4129091	CHR8:4129091	SSF x LoA	-8,3860456	-0,091	0,307
CHR8	4129098	CHR8:4129098	SSF x LoA	-7,87210843	-0,127	0,306
CHR8	4129117	CHR8:4129117	SSF x LoA	-9,76162867	-0,008	0,285
CHR8	4129130	CHR8:4129130	SSF x LoA	-10,3062926	-0,005	0,308
CHR8	4131311	CHR8:4131311	SSF x LoA	-7,28928405	-0,025	0,308
CHR8	4131330	CHR8:4131330	SSF x LoA	-8,99450195	0,104	0,285
CHR8	4131374	CHR8:4131374	SSF x LoA	-7,62008391	0,085	0,316
CHR8	4131378	CHR8:4131378	SSF x LoA	-9,34546392	0,070	0,305
CHR8	4134993	CHR8:4134993	SSF x LoA	-9,97559421	0,047	0,313
CHR8	4135000	CHR8:4135000	SSF x LoA	-9,21627711	0,014	0,303
CHR8	4135001	CHR8:4135001	SSF x LoA	-9,15321201	0,059	0,316
CHR8	4141407	CHR8:4141407	SSF x LoA	-10,0638637	-0,065	0,298
CHR8	4141424	CHR8:4141424	SSF x LoA	-8,63243223	-0,086	0,315
CHR8	4148906	CHR8:4148906	SSF x LoA	-11,1004561	-0,042	0,314
CHR8	4148968	CHR8:4148968	SSF x LoA	-7,76048596	-0,012	0,312
CHR8	4149153	CHR8:4149153	SSF x LoA	-11,7564542	-0,022	0,305
CHR8	4149194	CHR8:4149194	SSF x LoA	-8,31471483	0,051	0,316
CHR8	4157962	CHR8:4157962	SSF x LoA	-10,4113528	0,069	0,301
CHR8	4162766	CHR8:4162766	SSF x LoA	-9,59807021	-0,012	0,312
CHR8	4178859	CHR8:4178859	SSF x LoA	-7,49582165	0,124	0,296
CHR8	4178865	CHR8:4178865	SSF x LoA	-8,51894515	0,095	0,299
CHR8	4178870	CHR8:4178870	SSF x LoA	-8,11751095	0,097	0,300
CHR8	4178909	CHR8:4178909	SSF x LoA	-9,9104932	0,101	0,288
CHR8	4178945	CHR8:4178945	SSF x LoA	-9,33597701	0,083	0,307
CHR8	4179208	CHR8:4179208	SSF x LoA	-10,059433	0,032	0,311
CHR8	4189174	CHR8:4189174	SSF x LoA	-8,00431111	-0,013	0,305
CHR8	4189185	CHR8:4189185	SSF x LoA	-8,81814924	-0,202	0,304
CHR8	4189191	CHR8:4189191	SSF x LoA	-7,77270628	0,131	0,311
CHR8	4189201	CHR8:4189201	SSF x LoA	-8,65965189	-0,145	0,304
CHR8	4189204	CHR8:4189204	SSF x LoA	-8,91680943	-0,135	0,298
CHR8	4190175	CHR8:4190175	SSF x LoA	-10,9133385	0,027	0,313
CHR8	4190190	CHR8:4190190	SSF x LoA	-12,2984577	0,040	0,297
CHR8	4190225	CHR8:4190225	SSF x LoA	-6,33668457	0,001	0,320
CHR8	4194574	CHR8:4194574	SSF x LoA	-10,930922	0,023	0,307

CHR8	4194636	CHR8:4194636	SSF x LoA	-10,5002628	-0,029	0,304
CHR8	4200167	CHR8:4200167	SSF x LoA	-9,50305508	0,011	0,307
CHR8	4200186	CHR8:4200186	SSF x LoA	-9,55908909	0,007	0,293
CHR8	4200197	CHR8:4200197	SSF x LoA	-9,91416904	-0,057	0,298
CHR8	4201178	CHR8:4201178	SSF x LoA	-8,1254011	-0,001	0,309
CHR8	4201287	CHR8:4201287	SSF x LoA	-10,6222508	0,060	0,307
CHR8	4201330	CHR8:4201330	SSF x LoA	-8,6729072	-0,057	0,314
CHR8	4201342	CHR8:4201342	SSF x LoA	-10,7492384	0,025	0,305
CHR8	4206484	CHR8:4206484	SSF x LoA	13,6601277	-0,024	0,301
CHR8	4206640	CHR8:4206640	SSF x LoA	-11,2962574	-0,011	0,309
CHR8	420930	CHR8:420930	SSF x LoA	-9,33242248	0,033	0,310
CHR8	421018	CHR8:421018	SSF x LoA	-5,34847808	0,147	0,296
CHR8	421042	CHR8:421042	SSF x LoA	-10,3601099	-0,028	0,315
CHR8	4213281	CHR8:4213281	SSF x LoA	-4,35426365	-0,020	0,309
CHR8	4213336	CHR8:4213336	SSF x LoA	-9,10532566	-0,020	0,317
CHR8	4213383	CHR8:4213383	SSF x LoA	-10,8069583	-0,024	0,304
CHR8	4213465	CHR8:4213465	SSF x LoA	-9,16735435	-0,048	0,309
CHR8	4213547	CHR8:4213547	SSF x LoA	-8,10664126	0,046	0,315
CHR8	4216822	CHR8:4216822	SSF x LoA	-11,8046247	-0,020	0,301
CHR8	4216831	CHR8:4216831	SSF x LoA	-8,04446133	0,015	0,304
CHR8	4216849	CHR8:4216849	SSF x LoA	-10,5818577	-0,044	0,305
CHR8	4216911	CHR8:4216911	SSF x LoA	-8,69899721	0,014	0,309
CHR8	4216929	CHR8:4216929	SSF x LoA	-4,97621017	-0,021	0,308
CHR8	4216933	CHR8:4216933	SSF x LoA	-5,18280941	0,054	0,300
CHR8	4217245	CHR8:4217245	SSF x LoA	-8,62976699	0,072	0,309
CHR8	4217249	CHR8:4217249	SSF x LoA	-8,34374288	0,055	0,319
CHR8	4217273	CHR8:4217273	SSF x LoA	-6,95721587	0,139	0,305
CHR8	4217308	CHR8:4217308	SSF x LoA	-9,18039263	-0,016	0,312
CHR8	4217353	CHR8:4217353	SSF x LoA	-8,21765448	0,033	0,308
CHR8	4217362	CHR8:4217362	SSF x LoA	-9,10864721	0,040	0,306
CHR8	4229355	CHR8:4229355	SSF x LoA	-8,41173158	-0,035	0,315
CHR8	4229444	CHR8:4229444	SSF x LoA	-9,13727924	0,102	0,307
CHR8	4229445	CHR8:4229445	SSF x LoA	-10,7218668	-0,010	0,312
CHR8	4231485	CHR8:4231485	SSF x LoA	-7,89302	0,051	0,302
CHR8	4231597	CHR8:4231597	SSF x LoA	-8,36230912	-0,109	0,302
CHR8	4246619	CHR8:4246619	SSF x LoA	-7,70304305	-0,106	0,300
CHR8	4246632	CHR8:4246632	SSF x LoA	-9,38522131	0,089	0,303
CHR8	4246633	CHR8:4246633	SSF x LoA	-9,56444103	0,042	0,309
CHR8	4246634	CHR8:4246634	SSF x LoA	-9,74272683	0,002	0,300
CHR8	4246638	CHR8:4246638	SSF x LoA	-9,61201936	-0,016	0,297
CHR8	4246652	CHR8:4246652	SSF x LoA	-7,61285304	0,037	0,313
CHR8	4246692	CHR8:4246692	SSF x LoA	-7,67147301	-0,001	0,316
CHR8	4246709	CHR8:4246709	SSF x LoA	-10,1281704	0,070	0,301
CHR8	4246744	CHR8:4246744	SSF x LoA	-6,621632	0,218	0,286
CHR8	4246781	CHR8:4246781	SSF x LoA	-9,14442938	-0,005	0,300
CHR8	4251888	CHR8:4251888	SSF x LoA	-10,4154427	0,054	0,318
CHR8	4251901	CHR8:4251901	SSF x LoA	-7,02397849	-0,132	0,302
CHR8	4251931	CHR8:4251931	SSF x LoA	-10,925575	-0,069	0,294
CHR8	4251933	CHR8:4251933	SSF x LoA	-7,56645653	-0,003	0,298
CHR8	4251936	CHR8:4251936	SSF x LoA	-10,750774	-0,091	0,301
CHR8	4259137	CHR8:4259137	SSF x LoA	-7,09875928	0,096	0,310
CHR8	4259282	CHR8:4259282	SSF x LoA	-4,5945683	0,129	0,312
CHR8	4259398	CHR8:4259398	SSF x LoA	-9,1037578	-0,049	0,305

CHR8	4268012	CHR8:4268012	SSF x LoA	-11,5411969	-0,033	0,303
CHR8	427264	CHR8:427264	SSF x LoA	-11,5597319	-0,052	0,301
CHR8	4277424	CHR8:4277424	SSF x LoA	-7,93107931	0,060	0,312
CHR8	4278244	CHR8:4278244	SSF x LoA	-9,62632532	0,078	0,303
CHR8	4278254	CHR8:4278254	SSF x LoA	-9,08502065	0,087	0,315
CHR8	427845	CHR8:427845	SSF x LoA	-9,4889675	0,004	0,308
CHR8	427852	CHR8:427852	SSF x LoA	-10,1443028	-0,036	0,304
CHR8	4294362	CHR8:4294362	SSF x LoA	-9,81858285	0,011	0,323
CHR8	4294367	CHR8:4294367	SSF x LoA	-8,54175276	0,143	0,301
CHR8	4294436	CHR8:4294436	SSF x LoA	-9,54603758	-0,001	0,313
CHR8	4294548	CHR8:4294548	SSF x LoA	-8,85245055	-0,103	0,303
CHR8	4302475	CHR8:4302475	SSF x LoA	-8,14239328	0,088	0,317
CHR8	4310356	CHR8:4310356	SSF x LoA	-10,5877856	0,076	0,318
CHR8	4318286	CHR8:4318286	SSF x LoA	-8,11844161	-0,016	0,316
CHR8	4318325	CHR8:4318325	SSF x LoA	-8,66144938	-0,073	0,304
CHR8	4318347	CHR8:4318347	SSF x LoA	-7,02605282	-0,193	0,286
CHR8	4318362	CHR8:4318362	SSF x LoA	-4,0705474	-0,190	0,302
CHR8	4318379	CHR8:4318379	SSF x LoA	-6,6186882	-0,177	0,297
CHR8	4318387	CHR8:4318387	SSF x LoA	-7,49201097	-0,178	0,290
CHR8	4318409	CHR8:4318409	SSF x LoA	-5,10111263	-0,157	0,291
CHR8	4330102	CHR8:4330102	SSF x LoA	-9,81878702	0,088	0,306
CHR8	4330107	CHR8:4330107	SSF x LoA	-3,67395384	0,067	0,303
CHR8	4330111	CHR8:4330111	SSF x LoA	-11,0026365	0,087	0,296
CHR8	4330121	CHR8:4330121	SSF x LoA	-6,57876762	0,076	0,311
CHR8	4330122	CHR8:4330122	SSF x LoA	-8,94696756	0,092	0,290
CHR8	4330140	CHR8:4330140	SSF x LoA	-11,0758153	0,055	0,310
CHR8	4330155	CHR8:4330155	SSF x LoA	-9,96078394	0,036	0,304
CHR8	4330201	CHR8:4330201	SSF x LoA	-10,7803841	-0,014	0,302
CHR8	4340765	CHR8:4340765	SSF x LoA	-8,37622519	0,046	0,318
CHR8	4340769	CHR8:4340769	SSF x LoA	-9,62646098	-0,011	0,310
CHR8	4341937	CHR8:4341937	SSF x LoA	-10,4069915	-0,048	0,319
CHR8	4342117	CHR8:4342117	SSF x LoA	-7,27644331	-0,119	0,321
CHR8	4348780	CHR8:4348780	SSF x LoA	-12,568278	-0,014	0,304
CHR8	4348788	CHR8:4348788	SSF x LoA	-6,41007624	0,027	0,311
CHR8	4348840	CHR8:4348840	SSF x LoA	-10,6066934	0,044	0,310
CHR8	435769	CHR8:435769	SSF x LoA	-6,38308255	0,118	0,305
CHR8	4375073	CHR8:4375073	SSF x LoA	-3,73150013	0,009	0,315
CHR8	4375158	CHR8:4375158	SSF x LoA	-10,1820799	-0,090	0,302
CHR8	4375197	CHR8:4375197	SSF x LoA	-9,35067594	0,048	0,306
CHR8	4375202	CHR8:4375202	SSF x LoA	-8,2018032	-0,020	0,311
CHR8	4375234	CHR8:4375234	SSF x LoA	-9,04081528	-0,002	0,302
CHR8	4384383	CHR8:4384383	SSF x LoA	-7,9367972	0,126	0,307
CHR8	4384404	CHR8:4384404	SSF x LoA	-10,378106	-0,070	0,292
CHR8	4396497	CHR8:4396497	SSF x LoA	-9,19359112	0,088	0,300
CHR8	4396674	CHR8:4396674	SSF x LoA	-11,7185352	0,045	0,304
CHR8	4403967	CHR8:4403967	SSF x LoA	-11,1083632	0,039	0,312
CHR8	4404064	CHR8:4404064	SSF x LoA	-5,92970519	0,084	0,308
CHR8	4404111	CHR8:4404111	SSF x LoA	-7,40860351	0,098	0,300
CHR8	4404151	CHR8:4404151	SSF x LoA	-7,59153734	-0,072	0,293
CHR8	4404152	CHR8:4404152	SSF x LoA	-8,04998259	-0,094	0,296
CHR8	4404156	CHR8:4404156	SSF x LoA	-5,8763253	-0,119	0,291
CHR8	4404178	CHR8:4404178	SSF x LoA	1,24071521	-0,011	0,316
CHR8	4404181	CHR8:4404181	SSF x LoA	-10,4223774	0,055	0,286

CHR8	4408798	CHR8:4408798	SSF x LoA	-9,35650368	0,122	0,309
CHR8	4408805	CHR8:4408805	SSF x LoA	-3,80064363	-0,119	0,311
CHR8	4408990	CHR8:4408990	SSF x LoA	-11,3957117	-0,053	0,305
CHR8	4410918	CHR8:4410918	SSF x LoA	-4,11302195	-0,002	0,309
CHR8	4410933	CHR8:4410933	SSF x LoA	-9,10860701	-0,009	0,304
CHR8	4410960	CHR8:4410960	SSF x LoA	-9,15276896	-0,022	0,307
CHR8	4411020	CHR8:4411020	SSF x LoA	-9,69699849	0,048	0,306
CHR8	4412328	CHR8:4412328	SSF x LoA	-8,35639215	0,147	0,294
CHR8	4415219	CHR8:4415219	SSF x LoA	-10,45722	-0,020	0,302
CHR8	4415222	CHR8:4415222	SSF x LoA	-8,95515735	0,028	0,312
CHR8	4421679	CHR8:4421679	SSF x LoA	-10,3094062	0,017	0,317
CHR8	4428275	CHR8:4428275	SSF x LoA	-9,65066549	0,069	0,317
CHR8	4428304	CHR8:4428304	SSF x LoA	-8,60358063	-0,092	0,303
CHR8	4428332	CHR8:4428332	SSF x LoA	-9,97619211	-0,010	0,302
CHR8	4428351	CHR8:4428351	SSF x LoA	-9,9839757	0,028	0,312
CHR8	4444198	CHR8:4444198	SSF x LoA	-9,14014346	0,005	0,316
CHR8	4444392	CHR8:4444392	SSF x LoA	-8,84280762	0,074	0,311
CHR8	4444455	CHR8:4444455	SSF x LoA	-7,17445695	-0,113	0,307
CHR8	4444473	CHR8:4444473	SSF x LoA	-9,04640539	-0,109	0,290
CHR8	4444474	CHR8:4444474	SSF x LoA	-6,38427169	-0,070	0,292
CHR8	4444478	CHR8:4444478	SSF x LoA	-8,63681327	-0,080	0,295
CHR8	4446869	CHR8:4446869	SSF x LoA	-7,54680426	0,165	0,292
CHR8	4450653	CHR8:4450653	SSF x LoA	-8,0990445	-0,145	0,291
CHR8	4453864	CHR8:4453864	SSF x LoA	-9,7158395	-0,089	0,316
CHR8	4454232	CHR8:4454232	SSF x LoA	-8,2499797	-0,143	0,294
CHR8	4454297	CHR8:4454297	SSF x LoA	-11,5628775	-0,057	0,300
CHR8	4460023	CHR8:4460023	SSF x LoA	-8,54682843	0,072	0,308
CHR8	4460057	CHR8:4460057	SSF x LoA	-9,52411011	0,024	0,292
CHR8	4460059	CHR8:4460059	SSF x LoA	-9,8047826	0,010	0,313
CHR8	4460062	CHR8:4460062	SSF x LoA	-10,7346666	0,081	0,304
CHR8	4460100	CHR8:4460100	SSF x LoA	-11,0252023	0,033	0,303
CHR8	4461569	CHR8:4461569	SSF x LoA	-4,31617141	0,181	0,293
CHR8	4461582	CHR8:4461582	SSF x LoA	-7,34793463	-0,092	0,314
CHR8	4462531	CHR8:4462531	SSF x LoA	-7,37656582	0,109	0,293
CHR8	4462655	CHR8:4462655	SSF x LoA	-8,45029652	0,109	0,307
CHR8	4462784	CHR8:4462784	SSF x LoA	-10,4677407	0,032	0,304
CHR8	4467778	CHR8:4467778	SSF x LoA	-7,84653685	-0,052	0,324
CHR8	4467806	CHR8:4467806	SSF x LoA	-9,31502105	0,075	0,311
CHR8	4467887	CHR8:4467887	SSF x LoA	-10,5262839	0,091	0,309
CHR8	4467929	CHR8:4467929	SSF x LoA	-8,6709049	0,034	0,327
CHR8	4467937	CHR8:4467937	SSF x LoA	-8,39664593	-0,031	0,306
CHR8	4467944	CHR8:4467944	SSF x LoA	-8,08963042	0,014	0,311
CHR8	4467968	CHR8:4467968	SSF x LoA	-8,67832497	0,030	0,306
CHR8	4467989	CHR8:4467989	SSF x LoA	-10,1177653	0,061	0,299
CHR8	4468026	CHR8:4468026	SSF x LoA	-9,0582528	-0,102	0,302
CHR8	4478251	CHR8:4478251	SSF x LoA	-9,38827053	0,054	0,299
CHR8	4478277	CHR8:4478277	SSF x LoA	-8,03596828	-0,037	0,314
CHR8	4478279	CHR8:4478279	SSF x LoA	-11,3277902	0,001	0,299
CHR8	4478280	CHR8:4478280	SSF x LoA	-10,6840224	0,033	0,306
CHR8	4478333	CHR8:4478333	SSF x LoA	-8,46674173	-0,028	0,299
CHR8	4486865	CHR8:4486865	SSF x LoA	-8,77711157	-0,021	0,306
CHR8	4486903	CHR8:4486903	SSF x LoA	-9,93491487	0,086	0,297
CHR8	4486971	CHR8:4486971	SSF x LoA	-8,03267813	-0,058	0,296

CHR8	4486993	CHR8:4486993	SSF x LoA	-8,38868577	0,038	0,305
CHR8	4487051	CHR8:4487051	SSF x LoA	5,35566746	0,057	0,309
CHR8	4487074	CHR8:4487074	SSF x LoA	-10,0340131	-0,011	0,308
CHR8	4487078	CHR8:4487078	SSF x LoA	-9,60689148	0,017	0,311
CHR8	4488357	CHR8:4488357	SSF x LoA	-11,6769247	-0,041	0,300
CHR8	4488377	CHR8:4488377	SSF x LoA	-9,66906414	0,096	0,302
CHR8	4488378	CHR8:4488378	SSF x LoA	-7,27553056	0,146	0,303
CHR8	449013	CHR8:449013	SSF x LoA	-9,92882352	0,046	0,313
CHR8	4492347	CHR8:4492347	SSF x LoA	-11,4162	0,029	0,306
CHR8	4495700	CHR8:4495700	SSF x LoA	-7,85965726	-0,025	0,301
CHR8	4495713	CHR8:4495713	SSF x LoA	-8,1632439	-0,019	0,306
CHR8	4495723	CHR8:4495723	SSF x LoA	-9,86468169	-0,036	0,319
CHR8	4495766	CHR8:4495766	SSF x LoA	-9,93173132	0,033	0,315
CHR8	4495786	CHR8:4495786	SSF x LoA	-9,79361517	0,060	0,300
CHR8	4495841	CHR8:4495841	SSF x LoA	-10,531745	0,118	0,300
CHR8	4500293	CHR8:4500293	SSF x LoA	-7,38303076	0,102	0,291
CHR8	4500344	CHR8:4500344	SSF x LoA	-12,1675582	-0,019	0,313
CHR8	4500357	CHR8:4500357	SSF x LoA	-8,49093734	-0,023	0,304
CHR8	4500983	CHR8:4500983	SSF x LoA	-9,77333608	-0,033	0,295
CHR8	4500997	CHR8:4500997	SSF x LoA	-5,18884502	-0,085	0,301
CHR8	4501003	CHR8:4501003	SSF x LoA	-5,1658878	0,033	0,310
CHR8	4501044	CHR8:4501044	SSF x LoA	-10,9080847	-0,137	0,288
CHR8	4501060	CHR8:4501060	SSF x LoA	-6,76914375	-0,164	0,309
CHR8	4506586	CHR8:4506586	SSF x LoA	-9,93788167	-0,083	0,308
CHR8	4506593	CHR8:4506593	SSF x LoA	-8,59449666	0,011	0,311
CHR8	4506631	CHR8:4506631	SSF x LoA	-9,38054365	0,062	0,315
CHR8	4506742	CHR8:4506742	SSF x LoA	-9,0290687	0,047	0,304
CHR8	4508429	CHR8:4508429	SSF x LoA	-9,2053732	0,029	0,310
CHR8	4508472	CHR8:4508472	SSF x LoA	-9,22259603	0,142	0,305
CHR8	451326	CHR8:451326	SSF x LoA	-11,2431616	-0,086	0,311
CHR8	4516756	CHR8:4516756	SSF x LoA	-9,3299514	-0,109	0,300
CHR8	4516757	CHR8:4516757	SSF x LoA	-11,6913992	-0,047	0,304
CHR8	4520886	CHR8:4520886	SSF x LoA	-9,7953725	-0,033	0,299
CHR8	4521006	CHR8:4521006	SSF x LoA	-9,57576356	-0,022	0,319
CHR8	4521020	CHR8:4521020	SSF x LoA	-7,42999128	0,089	0,300
CHR8	4521021	CHR8:4521021	SSF x LoA	-9,04227599	0,073	0,307
CHR8	453440	CHR8:453440	SSF x LoA	-8,72041836	-0,058	0,307
CHR8	4537034	CHR8:4537034	SSF x LoA	-9,30660328	0,059	0,306
CHR8	4541688	CHR8:4541688	SSF x LoA	-7,78190561	-0,067	0,303
CHR8	4541691	CHR8:4541691	SSF x LoA	-9,93870965	-0,106	0,309
CHR8	4541745	CHR8:4541745	SSF x LoA	-11,9839609	-0,055	0,297
CHR8	4541746	CHR8:4541746	SSF x LoA	-8,57926795	-0,024	0,311
CHR8	4542812	CHR8:4542812	SSF x LoA	-5,69689806	-0,092	0,305
CHR8	4542834	CHR8:4542834	SSF x LoA	-7,23990957	0,017	0,308
CHR8	4542836	CHR8:4542836	SSF x LoA	-9,29586786	-0,031	0,314
CHR8	454808	CHR8:454808	SSF x LoA	-7,72132162	-0,114	0,309
CHR8	4553043	CHR8:4553043	SSF x LoA	-10,183312	-0,072	0,300
CHR8	4566768	CHR8:4566768	SSF x LoA	-11,4729537	0,022	0,302
CHR8	4566919	CHR8:4566919	SSF x LoA	-8,80047579	-0,096	0,301
CHR8	4566924	CHR8:4566924	SSF x LoA	-8,49230251	-0,053	0,304
CHR8	4568181	CHR8:4568181	SSF x LoA	-8,11400331	-0,095	0,308
CHR8	4568185	CHR8:4568185	SSF x LoA	-10,0082896	-0,149	0,295
CHR8	4568234	CHR8:4568234	SSF x LoA	-10,1781371	-0,036	0,317

CHR8	4568275	CHR8:4568275	SSF x LoA	-10,5043204	-0,093	0,287
CHR8	4571113	CHR8:4571113	SSF x LoA	-4,95215586	-0,119	0,313
CHR8	4571168	CHR8:4571168	SSF x LoA	-7,41946786	-0,109	0,304
CHR8	4571185	CHR8:4571185	SSF x LoA	-10,1001486	0,099	0,308
CHR8	4571209	CHR8:4571209	SSF x LoA	-7,27245226	0,131	0,300
CHR8	4583071	CHR8:4583071	SSF x LoA	-9,56002654	0,068	0,306
CHR8	4589071	CHR8:4589071	SSF x LoA	-8,5140596	-0,146	0,302
CHR8	4589074	CHR8:4589074	SSF x LoA	-9,09623922	-0,147	0,310
CHR8	4589077	CHR8:4589077	SSF x LoA	-6,85614731	-0,170	0,306
CHR8	4594899	CHR8:4594899	SSF x LoA	-9,58621357	0,107	0,314
CHR8	4594952	CHR8:4594952	SSF x LoA	-9,90256319	-0,077	0,292
CHR8	4595046	CHR8:4595046	SSF x LoA	-10,1711293	0,004	0,312
CHR8	4595313	CHR8:4595313	SSF x LoA	-7,93466946	0,010	0,313
CHR8	4602212	CHR8:4602212	SSF x LoA	-10,2976089	0,175	0,292
CHR8	4602224	CHR8:4602224	SSF x LoA	-11,2816851	-0,015	0,307
CHR8	4602433	CHR8:4602433	SSF x LoA	-8,76071999	-0,111	0,307
CHR8	4602466	CHR8:4602466	SSF x LoA	-7,8024268	-0,026	0,302
CHR8	4604869	CHR8:4604869	SSF x LoA	-10,5062722	0,034	0,295
CHR8	4604876	CHR8:4604876	SSF x LoA	-11,1528539	-0,002	0,310
CHR8	4605362	CHR8:4605362	SSF x LoA	-9,86335434	-0,007	0,311
CHR8	4606989	CHR8:4606989	SSF x LoA	-8,01850275	0,002	0,336
CHR8	4607060	CHR8:4607060	SSF x LoA	-10,4780177	-0,010	0,310
CHR8	4610269	CHR8:4610269	SSF x LoA	-9,25559755	0,005	0,309
CHR8	4610278	CHR8:4610278	SSF x LoA	-9,5110949	-0,012	0,317
CHR8	4610321	CHR8:4610321	SSF x LoA	-7,99211152	-0,007	0,312
CHR8	4613873	CHR8:4613873	SSF x LoA	-8,68420315	-0,049	0,319
CHR8	4613897	CHR8:4613897	SSF x LoA	-10,204598	0,110	0,303
CHR8	4613908	CHR8:4613908	SSF x LoA	-4,24542048	-0,128	0,320
CHR8	4613947	CHR8:4613947	SSF x LoA	-9,03856794	0,037	0,316
CHR8	4613978	CHR8:4613978	SSF x LoA	-10,0823309	-0,097	0,301
CHR8	4614135	CHR8:4614135	SSF x LoA	-9,59780456	0,121	0,305
CHR8	4626322	CHR8:4626322	SSF x LoA	-4,54316852	-0,103	0,306
CHR8	4626334	CHR8:4626334	SSF x LoA	-10,7650933	0,048	0,307
CHR8	4626372	CHR8:4626372	SSF x LoA	-10,1457477	0,000	0,299
CHR8	4630360	CHR8:4630360	SSF x LoA	-10,246853	0,013	0,317
CHR8	4633308	CHR8:4633308	SSF x LoA	-8,67599566	-0,075	0,323
CHR8	4633349	CHR8:4633349	SSF x LoA	-8,52048927	0,096	0,324
CHR8	4633355	CHR8:4633355	SSF x LoA	-10,4581472	0,077	0,311
CHR8	4633392	CHR8:4633392	SSF x LoA	-10,0857587	0,126	0,293
CHR8	4633480	CHR8:4633480	SSF x LoA	-8,97354463	0,039	0,302
CHR8	4633501	CHR8:4633501	SSF x LoA	-9,12283367	0,054	0,317
CHR8	4633579	CHR8:4633579	SSF x LoA	-8,52352579	0,051	0,316
CHR8	463430	CHR8:463430	SSF x LoA	-10,3314876	-0,051	0,295
CHR8	463460	CHR8:463460	SSF x LoA	-8,68067582	-0,005	0,306
CHR8	463576	CHR8:463576	SSF x LoA	-9,77173317	-0,076	0,309
CHR8	4641910	CHR8:4641910	SSF x LoA	-8,09192066	0,041	0,306
CHR8	4658163	CHR8:4658163	SSF x LoA	-10,0941997	-0,121	0,303
CHR8	4658206	CHR8:4658206	SSF x LoA	-7,0371963	-0,063	0,301
CHR8	4658277	CHR8:4658277	SSF x LoA	-9,56817433	-0,002	0,303
CHR8	4666961	CHR8:4666961	SSF x LoA	-11,5264671	-0,080	0,296
CHR8	4667055	CHR8:4667055	SSF x LoA	-11,2028212	-0,048	0,289
CHR8	4667583	CHR8:4667583	SSF x LoA	-5,69876174	-0,137	0,301
CHR8	4667587	CHR8:4667587	SSF x LoA	-10,9696012	-0,086	0,293

CHR8	4667634	CHR8:4667634	SSF x LoA	-11,069622	0,003	0,309
CHR8	4679556	CHR8:4679556	SSF x LoA	-10,242585	-0,066	0,300
CHR8	4679570	CHR8:4679570	SSF x LoA	-7,09590247	-0,097	0,293
CHR8	4679595	CHR8:4679595	SSF x LoA	-11,0970282	-0,018	0,300
CHR8	4679618	CHR8:4679618	SSF x LoA	-9,30773159	0,007	0,292
CHR8	4679665	CHR8:4679665	SSF x LoA	-11,0544302	0,007	0,300
CHR8	4679675	CHR8:4679675	SSF x LoA	0,01407625	-0,102	0,306
CHR8	4679679	CHR8:4679679	SSF x LoA	-8,89809826	-0,073	0,299
CHR8	4679684	CHR8:4679684	SSF x LoA	-9,10278627	0,127	0,292
CHR8	4680288	CHR8:4680288	SSF x LoA	-9,88044262	-0,009	0,307
CHR8	4680289	CHR8:4680289	SSF x LoA	-9,08686368	0,161	0,306
CHR8	4680323	CHR8:4680323	SSF x LoA	-9,48006959	0,096	0,299
CHR8	4680359	CHR8:4680359	SSF x LoA	-8,85991975	-0,056	0,305
CHR8	4682829	CHR8:4682829	SSF x LoA	-9,93023237	-0,158	0,302
CHR8	4682999	CHR8:4682999	SSF x LoA	-11,5002925	0,000	0,312
CHR8	4700837	CHR8:4700837	SSF x LoA	-10,0992617	-0,068	0,307
CHR8	4705165	CHR8:4705165	SSF x LoA	-8,51670452	0,109	0,305
CHR8	4705249	CHR8:4705249	SSF x LoA	-8,75394729	0,063	0,295
CHR8	4707314	CHR8:4707314	SSF x LoA	-8,29096999	0,076	0,299
CHR8	4707419	CHR8:4707419	SSF x LoA	-12,0957925	-0,054	0,308
CHR8	4707434	CHR8:4707434	SSF x LoA	-4,4988025	-0,195	0,286
CHR8	4707572	CHR8:4707572	SSF x LoA	-11,7633143	-0,004	0,318
CHR8	471343	CHR8:471343	SSF x LoA	-7,17861206	-0,122	0,313
CHR8	471510	CHR8:471510	SSF x LoA	-10,3428874	0,096	0,290
CHR8	4717262	CHR8:4717262	SSF x LoA	-10,9221905	0,023	0,304
CHR8	4717294	CHR8:4717294	SSF x LoA	-8,53198229	0,073	0,308
CHR8	4724226	CHR8:4724226	SSF x LoA	-7,22768578	0,102	0,290
CHR8	4724855	CHR8:4724855	SSF x LoA	-7,27316503	0,137	0,299
CHR8	4724923	CHR8:4724923	SSF x LoA	-8,48909928	0,043	0,315
CHR8	4724937	CHR8:4724937	SSF x LoA	-8,37409626	0,002	0,321
CHR8	4724939	CHR8:4724939	SSF x LoA	-8,4582601	0,016	0,313
CHR8	4739635	CHR8:4739635	SSF x LoA	-10,0253318	0,114	0,308
CHR8	4739661	CHR8:4739661	SSF x LoA	-10,2715738	0,078	0,311
CHR8	4748174	CHR8:4748174	SSF x LoA	-10,3756201	0,032	0,319
CHR8	4748262	CHR8:4748262	SSF x LoA	-8,85988342	0,034	0,301
CHR8	4748295	CHR8:4748295	SSF x LoA	-7,180089	-0,030	0,315
CHR8	4761171	CHR8:4761171	SSF x LoA	-10,3862677	0,008	0,282
CHR8	4763586	CHR8:4763586	SSF x LoA	-9,14023404	-0,073	0,310
CHR8	4763624	CHR8:4763624	SSF x LoA	-7,17402808	-0,027	0,311
CHR8	4763626	CHR8:4763626	SSF x LoA	-9,69314694	0,024	0,293
CHR8	476908	CHR8:476908	SSF x LoA	-6,75197745	0,109	0,304
CHR8	476958	CHR8:476958	SSF x LoA	-9,51178688	0,000	0,308
CHR8	476981	CHR8:476981	SSF x LoA	-5,72022575	-0,092	0,310
CHR8	4777730	CHR8:4777730	SSF x LoA	-8,6225787	0,059	0,304
CHR8	4777738	CHR8:4777738	SSF x LoA	-9,41469736	-0,020	0,309
CHR8	4777776	CHR8:4777776	SSF x LoA	-10,1211296	0,014	0,309
CHR8	4777801	CHR8:4777801	SSF x LoA	-10,2208021	0,031	0,297
CHR8	4777810	CHR8:4777810	SSF x LoA	-9,64656805	0,035	0,309
CHR8	4777816	CHR8:4777816	SSF x LoA	-11,4421514	0,084	0,305
CHR8	4777841	CHR8:4777841	SSF x LoA	-11,6715305	0,088	0,296
CHR8	4777941	CHR8:4777941	SSF x LoA	-10,3182779	0,020	0,302
CHR8	4777946	CHR8:4777946	SSF x LoA	-9,79551937	0,001	0,304
CHR8	4784807	CHR8:4784807	SSF x LoA	6,23095795	0,083	0,313

CHR8	4788259	CHR8:4788259	SSF x LoA	-7,04975936	0,116	0,317
CHR8	4788335	CHR8:4788335	SSF x LoA	-10,6484912	0,012	0,303
CHR8	4788336	CHR8:4788336	SSF x LoA	-9,24434496	0,009	0,317
CHR8	4788381	CHR8:4788381	SSF x LoA	-9,90738314	-0,106	0,303
CHR8	4788394	CHR8:4788394	SSF x LoA	-8,65805031	-0,089	0,296
CHR8	4788494	CHR8:4788494	SSF x LoA	-7,09968491	0,092	0,292
CHR8	4793007	CHR8:4793007	SSF x LoA	-8,38547918	-0,160	0,283
CHR8	4793127	CHR8:4793127	SSF x LoA	-10,5353409	-0,016	0,305
CHR8	4797364	CHR8:4797364	SSF x LoA	-8,61979965	0,128	0,313
CHR8	4797430	CHR8:4797430	SSF x LoA	-2,66533131	0,134	0,309
CHR8	4797435	CHR8:4797435	SSF x LoA	-7,90777725	0,112	0,304
CHR8	4797518	CHR8:4797518	SSF x LoA	-9,06602788	0,049	0,306
CHR8	4797549	CHR8:4797549	SSF x LoA	-11,8557814	-0,016	0,302
CHR8	4803823	CHR8:4803823	SSF x LoA	-10,6914659	0,097	0,279
CHR8	4805827	CHR8:4805827	SSF x LoA	-2,71547109	-0,073	0,318
CHR8	4812222	CHR8:4812222	SSF x LoA	-6,47851908	0,006	0,310
CHR8	4845390	CHR8:4845390	SSF x LoA	-12,2347276	0,029	0,299
CHR8	4845604	CHR8:4845604	SSF x LoA	-7,46930894	0,047	0,310
CHR8	4866102	CHR8:4866102	SSF x LoA	-10,6075556	-0,020	0,313
CHR8	4866486	CHR8:4866486	SSF x LoA	-8,24216402	-0,115	0,314
CHR8	4874573	CHR8:4874573	SSF x LoA	-9,37538201	0,029	0,303
CHR8	4887950	CHR8:4887950	SSF x LoA	-9,02446848	-0,030	0,320
CHR8	4893003	CHR8:4893003	SSF x LoA	-11,4935179	0,003	0,307
CHR8	489322	CHR8:489322	SSF x LoA	-10,1108704	0,117	0,315
CHR8	4905256	CHR8:4905256	SSF x LoA	-7,30300047	-0,059	0,306
CHR8	4911868	CHR8:4911868	SSF x LoA	-3,63948383	-0,109	0,310
CHR8	492171	CHR8:492171	SSF x LoA	-7,46943003	-0,082	0,309
CHR8	4922012	CHR8:4922012	SSF x LoA	-9,81234672	0,026	0,302
CHR8	4922020	CHR8:4922020	SSF x LoA	-12,0395905	-0,045	0,299
CHR8	4928982	CHR8:4928982	SSF x LoA	-8,07725531	-0,051	0,310
CHR8	4929004	CHR8:4929004	SSF x LoA	-7,59453446	0,086	0,315
CHR8	4929051	CHR8:4929051	SSF x LoA	-7,17726461	-0,091	0,304
CHR8	4929060	CHR8:4929060	SSF x LoA	-8,28895185	-0,095	0,306
CHR8	4932706	CHR8:4932706	SSF x LoA	-7,36310579	0,151	0,299
CHR8	4932741	CHR8:4932741	SSF x LoA	-9,03140132	-0,025	0,303
CHR8	4932949	CHR8:4932949	SSF x LoA	-9,63690109	-0,068	0,309
CHR8	4939146	CHR8:4939146	SSF x LoA	-11,3130711	0,039	0,310
CHR8	4939169	CHR8:4939169	SSF x LoA	-9,60723465	-0,115	0,305
CHR8	4939246	CHR8:4939246	SSF x LoA	-10,5172423	0,089	0,312
CHR8	4939261	CHR8:4939261	SSF x LoA	-3,49571064	-0,071	0,302
CHR8	4945899	CHR8:4945899	SSF x LoA	-10,7381582	-0,140	0,299
CHR8	4945947	CHR8:4945947	SSF x LoA	-9,70271103	-0,058	0,295
CHR8	4947865	CHR8:4947865	SSF x LoA	-10,3535848	-0,044	0,309
CHR8	4947974	CHR8:4947974	SSF x LoA	-8,1424864	0,075	0,313
CHR8	4956252	CHR8:4956252	SSF x LoA	-7,32682212	-0,059	0,315
CHR8	4956412	CHR8:4956412	SSF x LoA	-11,1598451	0,064	0,307
CHR8	4956446	CHR8:4956446	SSF x LoA	-9,75023557	-0,024	0,317
CHR8	4956450	CHR8:4956450	SSF x LoA	-10,3148093	-0,028	0,311
CHR8	4956462	CHR8:4956462	SSF x LoA	-9,95316798	0,011	0,318
CHR8	4956472	CHR8:4956472	SSF x LoA	-8,95997106	-0,016	0,303
CHR8	4956484	CHR8:4956484	SSF x LoA	-9,41651682	-0,019	0,317
CHR8	4958109	CHR8:4958109	SSF x LoA	-6,09606877	-0,144	0,310
CHR8	4958112	CHR8:4958112	SSF x LoA	-8,53713692	-0,098	0,312

CHR8	4958343	CHR8:4958343	SSF x LoA	-9,47740469	-0,041	0,296
CHR8	4958347	CHR8:4958347	SSF x LoA	-9,00690174	-0,128	0,304
CHR8	4958356	CHR8:4958356	SSF x LoA	-1,18125941	0,154	0,310
CHR8	4971370	CHR8:4971370	SSF x LoA	-10,1918805	-0,003	0,302
CHR8	4971395	CHR8:4971395	SSF x LoA	-8,9364242	0,018	0,308
CHR8	497246	CHR8:497246	SSF x LoA	-8,47552767	-0,002	0,304
CHR8	497255	CHR8:497255	SSF x LoA	-7,71635944	0,070	0,320
CHR8	4972741	CHR8:4972741	SSF x LoA	-11,8391066	0,082	0,308
CHR8	4972766	CHR8:4972766	SSF x LoA	-10,5703532	0,078	0,306
CHR8	4974495	CHR8:4974495	SSF x LoA	-8,47399614	-0,044	0,301
CHR8	4987203	CHR8:4987203	SSF x LoA	-9,3316031	0,019	0,310
CHR8	4987227	CHR8:4987227	SSF x LoA	-10,2809857	0,006	0,321
CHR8	4992177	CHR8:4992177	SSF x LoA	-7,33913004	-0,109	0,306
CHR8	4992289	CHR8:4992289	SSF x LoA	-11,5647994	0,020	0,304
CHR8	5000259	CHR8:5000259	SSF x LoA	-9,39429154	0,077	0,309
CHR8	5008832	CHR8:5008832	SSF x LoA	-11,2769092	0,035	0,306
CHR8	5026853	CHR8:5026853	SSF x LoA	-5,22986103	-0,077	0,300
CHR8	5026960	CHR8:5026960	SSF x LoA	-8,28891143	-0,102	0,302
CHR8	503220	CHR8:503220	SSF x LoA	-9,83410331	-0,114	0,302
CHR8	503312	CHR8:503312	SSF x LoA	8,09658425	-0,039	0,321
CHR8	503382	CHR8:503382	SSF x LoA	-11,136734	0,061	0,310
CHR8	5036365	CHR8:5036365	SSF x LoA	-6,73725267	0,019	0,294
CHR8	5039414	CHR8:5039414	SSF x LoA	-10,4770566	0,079	0,299
CHR8	5039415	CHR8:5039415	SSF x LoA	-9,47525949	0,089	0,306
CHR8	5039494	CHR8:5039494	SSF x LoA	-7,75918925	0,130	0,311
CHR8	5039577	CHR8:5039577	SSF x LoA	-9,14854021	-0,018	0,303
CHR8	5039618	CHR8:5039618	SSF x LoA	-8,09789367	-0,022	0,317
CHR8	5039676	CHR8:5039676	SSF x LoA	-8,31730951	0,036	0,310
CHR8	5041029	CHR8:5041029	SSF x LoA	-9,26867382	-0,040	0,299
CHR8	5041189	CHR8:5041189	SSF x LoA	-7,52009591	-0,088	0,309
CHR8	5041195	CHR8:5041195	SSF x LoA	-2,53181692	-0,127	0,312
CHR8	5050398	CHR8:5050398	SSF x LoA	-7,26594695	0,088	0,307
CHR8	5050458	CHR8:5050458	SSF x LoA	-8,14538613	0,089	0,310
CHR8	5050490	CHR8:5050490	SSF x LoA	-6,41355437	-0,031	0,302
CHR8	5050496	CHR8:5050496	SSF x LoA	-6,9947322	-0,010	0,312
CHR8	5051588	CHR8:5051588	SSF x LoA	-8,19005514	0,006	0,313
CHR8	5052596	CHR8:5052596	SSF x LoA	-4,76312024	0,099	0,308
CHR8	5052640	CHR8:5052640	SSF x LoA	-9,70318607	0,095	0,308
CHR8	5052679	CHR8:5052679	SSF x LoA	-9,59121901	0,009	0,313
CHR8	5055489	CHR8:5055489	SSF x LoA	-8,74055404	0,017	0,323
CHR8	5055512	CHR8:5055512	SSF x LoA	-8,16189391	0,036	0,306
CHR8	5055516	CHR8:5055516	SSF x LoA	-10,4222329	-0,008	0,298
CHR8	5055527	CHR8:5055527	SSF x LoA	-9,21532917	0,033	0,318
CHR8	5056682	CHR8:5056682	SSF x LoA	-5,45503268	-0,098	0,303
CHR8	506527	CHR8:506527	SSF x LoA	-9,91159107	-0,083	0,310
CHR8	506536	CHR8:506536	SSF x LoA	-6,05278498	-0,071	0,306
CHR8	506598	CHR8:506598	SSF x LoA	-11,5551794	-0,020	0,300
CHR8	506625	CHR8:506625	SSF x LoA	-9,32260814	-0,033	0,305
CHR8	5078208	CHR8:5078208	SSF x LoA	-11,0448341	0,066	0,312
CHR8	5084416	CHR8:5084416	SSF x LoA	-8,85143903	0,088	0,301
CHR8	5084438	CHR8:5084438	SSF x LoA	-8,91701894	0,058	0,306
CHR8	5086972	CHR8:5086972	SSF x LoA	-6,0425774	0,065	0,297
CHR8	5093105	CHR8:5093105	SSF x LoA	-8,42759912	-0,004	0,299

CHR8	5093109	CHR8:5093109	SSF x LoA	-7,39254679	-0,013	0,311
CHR8	5093116	CHR8:5093116	SSF x LoA	-8,24901844	0,045	0,311
CHR8	5102577	CHR8:5102577	SSF x LoA	-9,30167016	-0,133	0,309
CHR8	5102616	CHR8:5102616	SSF x LoA	-3,16787418	0,130	0,309
CHR8	5102626	CHR8:5102626	SSF x LoA	-9,49547216	0,048	0,293
CHR8	5102767	CHR8:5102767	SSF x LoA	-11,6193419	0,046	0,311
CHR8	5102854	CHR8:5102854	SSF x LoA	-6,89727101	0,081	0,293
CHR8	5109912	CHR8:5109912	SSF x LoA	-11,278868	0,002	0,305
CHR8	5110113	CHR8:5110113	SSF x LoA	-9,37951557	-0,058	0,302
CHR8	5116150	CHR8:5116150	SSF x LoA	-7,63758858	0,004	0,311
CHR8	5116164	CHR8:5116164	SSF x LoA	-10,0468174	0,013	0,308
CHR8	5116233	CHR8:5116233	SSF x LoA	-11,147031	-0,006	0,320
CHR8	5128706	CHR8:5128706	SSF x LoA	-10,4440485	-0,099	0,308
CHR8	5129889	CHR8:5129889	SSF x LoA	-12,0854657	0,036	0,312
CHR8	5129894	CHR8:5129894	SSF x LoA	-8,54204279	-0,041	0,298
CHR8	5129914	CHR8:5129914	SSF x LoA	-11,7024458	0,022	0,324
CHR8	5129916	CHR8:5129916	SSF x LoA	-4,35091654	-0,001	0,314
CHR8	5129934	CHR8:5129934	SSF x LoA	-8,71593219	0,020	0,308
CHR8	5129942	CHR8:5129942	SSF x LoA	-7,91194853	-0,068	0,306
CHR8	5129976	CHR8:5129976	SSF x LoA	-5,68439244	0,161	0,296
CHR8	5129980	CHR8:5129980	SSF x LoA	-10,6024305	0,067	0,309
CHR8	5130248	CHR8:5130248	SSF x LoA	-8,87952515	-0,006	0,312
CHR8	5130324	CHR8:5130324	SSF x LoA	-10,3205851	0,003	0,304
CHR8	5130350	CHR8:5130350	SSF x LoA	-8,07701616	-0,044	0,312
CHR8	5149434	CHR8:5149434	SSF x LoA	-9,5484859	-0,081	0,318
CHR8	5149480	CHR8:5149480	SSF x LoA	-8,10877762	0,078	0,313
CHR8	5157007	CHR8:5157007	SSF x LoA	-8,94358274	-0,010	0,317
CHR8	5157010	CHR8:5157010	SSF x LoA	-9,71931476	0,001	0,319
CHR8	5157216	CHR8:5157216	SSF x LoA	-8,97821201	0,093	0,320
CHR8	5157246	CHR8:5157246	SSF x LoA	-7,79851567	0,079	0,304
CHR8	5165344	CHR8:5165344	SSF x LoA	-10,8134528	-0,037	0,309
CHR8	5165395	CHR8:5165395	SSF x LoA	-8,02718153	-0,024	0,312
CHR8	5165465	CHR8:5165465	SSF x LoA	-10,955504	-0,046	0,304
CHR8	5165486	CHR8:5165486	SSF x LoA	-10,7378676	0,038	0,311
CHR8	5165518	CHR8:5165518	SSF x LoA	-8,58932924	-0,073	0,312
CHR8	5169057	CHR8:5169057	SSF x LoA	-9,04452424	0,054	0,296
CHR8	5169094	CHR8:5169094	SSF x LoA	-7,39530621	-0,108	0,316
CHR8	5169502	CHR8:5169502	SSF x LoA	-10,7619373	0,022	0,315
CHR8	5169525	CHR8:5169525	SSF x LoA	-2,93960116	-0,006	0,303
CHR8	5169594	CHR8:5169594	SSF x LoA	-5,01894285	0,102	0,315
CHR8	5169612	CHR8:5169612	SSF x LoA	-6,17687689	0,046	0,317
CHR8	517581	CHR8:517581	SSF x LoA	-10,8953113	0,048	0,296
CHR8	5178584	CHR8:5178584	SSF x LoA	-9,79487821	-0,108	0,303
CHR8	5178623	CHR8:5178623	SSF x LoA	-2,48146969	-0,070	0,311
CHR8	5183392	CHR8:5183392	SSF x LoA	-9,85960901	0,058	0,318
CHR8	5183406	CHR8:5183406	SSF x LoA	-7,0009076	0,060	0,309
CHR8	5192231	CHR8:5192231	SSF x LoA	-9,14285591	-0,032	0,304
CHR8	5192262	CHR8:5192262	SSF x LoA	-9,29477215	0,114	0,316
CHR8	5192263	CHR8:5192263	SSF x LoA	-6,76875926	0,089	0,313
CHR8	5192265	CHR8:5192265	SSF x LoA	-9,4332726	0,094	0,300
CHR8	5206741	CHR8:5206741	SSF x LoA	-9,23966695	0,041	0,300
CHR8	5206759	CHR8:5206759	SSF x LoA	-9,74795815	-0,110	0,301
CHR8	5206770	CHR8:5206770	SSF x LoA	-8,38611626	-0,051	0,320

CHR8	5238365	CHR8:5238365	SSF x LoA	-8,71047425	0,063	0,302
CHR8	5239066	CHR8:5239066	SSF x LoA	-7,8931807	0,004	0,319
CHR8	5252404	CHR8:5252404	SSF x LoA	-7,68246751	0,120	0,311
CHR8	528349	CHR8:528349	SSF x LoA	-10,7288127	-0,014	0,292
CHR8	528379	CHR8:528379	SSF x LoA	-10,8055694	-0,020	0,294
CHR8	528442	CHR8:528442	SSF x LoA	-8,18342447	-0,007	0,303
CHR8	5297644	CHR8:5297644	SSF x LoA	-9,93228482	0,081	0,310
CHR8	5304117	CHR8:5304117	SSF x LoA	-6,3506521	-0,152	0,290
CHR8	5321737	CHR8:5321737	SSF x LoA	-11,5020147	0,011	0,297
CHR8	5324879	CHR8:5324879	SSF x LoA	-11,2274486	0,115	0,303
CHR8	5326510	CHR8:5326510	SSF x LoA	-9,09197229	-0,013	0,293
CHR8	533481	CHR8:533481	SSF x LoA	-6,13717919	-0,140	0,303
CHR8	533712	CHR8:533712	SSF x LoA	-10,2587798	-0,062	0,307
CHR8	5363338	CHR8:5363338	SSF x LoA	-10,2680133	0,119	0,309
CHR8	537217	CHR8:537217	SSF x LoA	-11,8328695	-0,025	0,312
CHR8	5372864	CHR8:5372864	SSF x LoA	-8,44487612	0,065	0,315
CHR8	537301	CHR8:537301	SSF x LoA	-7,59120733	0,037	0,312
CHR8	5378702	CHR8:5378702	SSF x LoA	-9,41957547	-0,044	0,293
CHR8	5383068	CHR8:5383068	SSF x LoA	-8,64218936	-0,004	0,290
CHR8	5383465	CHR8:5383465	SSF x LoA	-9,36421188	0,083	0,319
CHR8	5384413	CHR8:5384413	SSF x LoA	-9,2895876	0,067	0,303
CHR8	5384456	CHR8:5384456	SSF x LoA	-10,6737672	-0,057	0,311
CHR8	5389164	CHR8:5389164	SSF x LoA	-7,92804371	-0,044	0,315
CHR8	5389216	CHR8:5389216	SSF x LoA	-8,69303841	-0,084	0,302
CHR8	5389249	CHR8:5389249	SSF x LoA	-9,20197006	-0,109	0,310
CHR8	5389264	CHR8:5389264	SSF x LoA	-10,7078434	0,018	0,302
CHR8	5389319	CHR8:5389319	SSF x LoA	-8,13094621	0,096	0,317
CHR8	5389333	CHR8:5389333	SSF x LoA	-9,57030552	-0,112	0,315
CHR8	5389394	CHR8:5389394	SSF x LoA	-9,76515668	-0,085	0,295
CHR8	5389408	CHR8:5389408	SSF x LoA	-5,53192215	0,199	0,296
CHR8	5400952	CHR8:5400952	SSF x LoA	-10,3856255	0,008	0,292
CHR8	5401044	CHR8:5401044	SSF x LoA	-6,00915473	-0,109	0,310
CHR8	5402865	CHR8:5402865	SSF x LoA	-9,69410836	0,099	0,302
CHR8	5402866	CHR8:5402866	SSF x LoA	-8,62458227	0,090	0,307
CHR8	5409588	CHR8:5409588	SSF x LoA	-10,0937335	-0,025	0,295
CHR8	5409615	CHR8:5409615	SSF x LoA	-8,75411318	0,063	0,305
CHR8	5409617	CHR8:5409617	SSF x LoA	-10,812894	-0,070	0,297
CHR8	5409674	CHR8:5409674	SSF x LoA	-7,43341472	-0,114	0,323
CHR8	5411275	CHR8:5411275	SSF x LoA	-10,4841307	-0,016	0,311
CHR8	5411278	CHR8:5411278	SSF x LoA	-9,96041948	-0,046	0,315
CHR8	5411522	CHR8:5411522	SSF x LoA	-8,77982683	-0,158	0,292
CHR8	5415641	CHR8:5415641	SSF x LoA	-11,7155656	0,064	0,320
CHR8	5415676	CHR8:5415676	SSF x LoA	-10,9219461	0,075	0,310
CHR8	5415688	CHR8:5415688	SSF x LoA	-11,3671247	0,064	0,315
CHR8	541824	CHR8:541824	SSF x LoA	-9,83862647	-0,048	0,314
CHR8	541866	CHR8:541866	SSF x LoA	-10,5583297	0,132	0,295
CHR8	541890	CHR8:541890	SSF x LoA	-9,3131521	-0,052	0,314
CHR8	541905	CHR8:541905	SSF x LoA	-9,24681038	0,006	0,308
CHR8	541918	CHR8:541918	SSF x LoA	-9,05141783	-0,019	0,291
CHR8	5422290	CHR8:5422290	SSF x LoA	-8,78799931	0,109	0,301
CHR8	5422513	CHR8:5422513	SSF x LoA	-9,09003893	-0,098	0,297
CHR8	5428331	CHR8:5428331	SSF x LoA	-10,1965547	0,007	0,313
CHR8	5428379	CHR8:5428379	SSF x LoA	-7,90110177	-0,161	0,296

CHR8	5428404	CHR8:5428404	SSF x LoA	-8,65551536	-0,119	0,299
CHR8	5428446	CHR8:5428446	SSF x LoA	-9,44802922	-0,053	0,300
CHR8	5428507	CHR8:5428507	SSF x LoA	-8,77824511	-0,084	0,298
CHR8	5433607	CHR8:5433607	SSF x LoA	-7,87834942	0,067	0,306
CHR8	5433612	CHR8:5433612	SSF x LoA	-9,48851819	-0,090	0,281
CHR8	5433626	CHR8:5433626	SSF x LoA	-11,9811164	0,010	0,307
CHR8	5433645	CHR8:5433645	SSF x LoA	-8,66817093	0,070	0,295
CHR8	5433660	CHR8:5433660	SSF x LoA	-9,17925431	-0,128	0,299
CHR8	5433668	CHR8:5433668	SSF x LoA	-9,04653714	-0,151	0,292
CHR8	5438092	CHR8:5438092	SSF x LoA	-7,3817767	-0,014	0,303
CHR8	5438162	CHR8:5438162	SSF x LoA	-9,59478783	0,091	0,309
CHR8	5438241	CHR8:5438241	SSF x LoA	-5,62064696	0,197	0,307
CHR8	5438271	CHR8:5438271	SSF x LoA	-8,57119123	-0,035	0,297
CHR8	5438340	CHR8:5438340	SSF x LoA	-8,49159131	0,003	0,317
CHR8	5441879	CHR8:5441879	SSF x LoA	-7,88961801	-0,038	0,304
CHR8	5446358	CHR8:5446358	SSF x LoA	-9,4069399	0,035	0,311
CHR8	5446375	CHR8:5446375	SSF x LoA	-9,16838553	-0,073	0,313
CHR8	5446408	CHR8:5446408	SSF x LoA	-9,41014356	-0,115	0,310
CHR8	5447365	CHR8:5447365	SSF x LoA	-8,25839994	-0,072	0,309
CHR8	5447386	CHR8:5447386	SSF x LoA	-8,66114066	0,013	0,300
CHR8	5462099	CHR8:5462099	SSF x LoA	-11,2437028	0,067	0,296
CHR8	5462117	CHR8:5462117	SSF x LoA	-6,55413256	-0,125	0,308
CHR8	5462140	CHR8:5462140	SSF x LoA	-8,45203682	-0,007	0,317
CHR8	5462160	CHR8:5462160	SSF x LoA	-10,4121014	0,056	0,285
CHR8	5462169	CHR8:5462169	SSF x LoA	-10,4250373	-0,046	0,310
CHR8	5462211	CHR8:5462211	SSF x LoA	-9,53903893	0,001	0,304
CHR8	5462343	CHR8:5462343	SSF x LoA	-8,27941953	-0,102	0,294
CHR8	5462378	CHR8:5462378	SSF x LoA	-10,0720999	-0,141	0,295
CHR8	5466383	CHR8:5466383	SSF x LoA	-9,13496119	-0,072	0,312
CHR8	5470761	CHR8:5470761	SSF x LoA	-7,88128934	-0,108	0,298
CHR8	5472271	CHR8:5472271	SSF x LoA	-9,46141822	-0,006	0,317
CHR8	5472295	CHR8:5472295	SSF x LoA	-10,2334106	-0,106	0,299
CHR8	5473782	CHR8:5473782	SSF x LoA	-9,82608258	0,038	0,301
CHR8	5475890	CHR8:5475890	SSF x LoA	-10,095539	0,094	0,314
CHR8	5475930	CHR8:5475930	SSF x LoA	-10,1174733	-0,054	0,303
CHR8	5485935	CHR8:5485935	SSF x LoA	-11,57703	0,052	0,311
CHR8	5489065	CHR8:5489065	SSF x LoA	-6,6739903	0,109	0,307
CHR8	5489109	CHR8:5489109	SSF x LoA	-9,67764073	-0,088	0,320
CHR8	5489146	CHR8:5489146	SSF x LoA	-8,9083987	-0,015	0,306
CHR8	5489182	CHR8:5489182	SSF x LoA	-7,69001278	0,033	0,316
CHR8	5489186	CHR8:5489186	SSF x LoA	-8,89786884	-0,051	0,294
CHR8	5489212	CHR8:5489212	SSF x LoA	-9,52026488	-0,005	0,299
CHR8	5501067	CHR8:5501067	SSF x LoA	-7,89220491	-0,024	0,309
CHR8	5501137	CHR8:5501137	SSF x LoA	-9,11690011	-0,081	0,301
CHR8	5501225	CHR8:5501225	SSF x LoA	-9,90782779	0,036	0,309
CHR8	5501228	CHR8:5501228	SSF x LoA	-6,48347069	0,064	0,301
CHR8	5502600	CHR8:5502600	SSF x LoA	-11,1839747	-0,034	0,309
CHR8	5502618	CHR8:5502618	SSF x LoA	-8,71481212	0,057	0,304
CHR8	5502659	CHR8:5502659	SSF x LoA	-9,30205338	-0,150	0,295
CHR8	550796	CHR8:550796	SSF x LoA	0,09726313	-0,045	0,310
CHR8	550879	CHR8:550879	SSF x LoA	-6,70911644	0,052	0,306
CHR8	5544447	CHR8:5544447	SSF x LoA	-10,6996711	-0,026	0,308
CHR8	5544448	CHR8:5544448	SSF x LoA	-9,23192797	-0,056	0,317

CHR8	5544451	CHR8:5544451	SSF x LoA	-7,00749659	0,102	0,310
CHR8	5544479	CHR8:5544479	SSF x LoA	-6,90569881	0,086	0,303
CHR8	5544516	CHR8:5544516	SSF x LoA	-6,05305031	-0,153	0,299
CHR8	5544655	CHR8:5544655	SSF x LoA	-10,9184967	0,000	0,313
CHR8	5558997	CHR8:5558997	SSF x LoA	-6,57282603	0,080	0,306
CHR8	5559003	CHR8:5559003	SSF x LoA	-9,38655242	0,068	0,292
CHR8	5559015	CHR8:5559015	SSF x LoA	-10,3627527	-0,013	0,307
CHR8	5559030	CHR8:5559030	SSF x LoA	4,50164407	0,114	0,315
CHR8	5559139	CHR8:5559139	SSF x LoA	-11,1724301	0,002	0,309
CHR8	5559158	CHR8:5559158	SSF x LoA	-9,95876618	0,037	0,300
CHR8	5563991	CHR8:5563991	SSF x LoA	-9,63477985	0,015	0,296
CHR8	5564018	CHR8:5564018	SSF x LoA	-8,38346334	0,019	0,318
CHR8	5564044	CHR8:5564044	SSF x LoA	-8,43203732	0,130	0,319
CHR8	5564047	CHR8:5564047	SSF x LoA	-8,98395719	0,047	0,310
CHR8	5564074	CHR8:5564074	SSF x LoA	-10,6136849	0,067	0,313
CHR8	5564094	CHR8:5564094	SSF x LoA	-8,15158062	-0,164	0,312
CHR8	5564096	CHR8:5564096	SSF x LoA	-5,81453362	0,068	0,314
CHR8	5564224	CHR8:5564224	SSF x LoA	-9,21249463	-0,058	0,318
CHR8	5565984	CHR8:5565984	SSF x LoA	-8,20594578	0,081	0,290
CHR8	5566012	CHR8:5566012	SSF x LoA	-6,62031077	-0,079	0,307
CHR8	5566029	CHR8:5566029	SSF x LoA	-10,9196603	-0,078	0,309
CHR8	5566193	CHR8:5566193	SSF x LoA	-8,34693347	0,084	0,304
CHR8	5571870	CHR8:5571870	SSF x LoA	-8,68195038	-0,095	0,311
CHR8	5571899	CHR8:5571899	SSF x LoA	-10,4922432	0,030	0,302
CHR8	5571951	CHR8:5571951	SSF x LoA	-7,90597616	-0,020	0,317
CHR8	5571998	CHR8:5571998	SSF x LoA	-11,1322212	0,069	0,307
CHR8	5576256	CHR8:5576256	SSF x LoA	-6,94125779	-0,143	0,295
CHR8	5576456	CHR8:5576456	SSF x LoA	-8,43533285	0,030	0,310
CHR8	5583165	CHR8:5583165	SSF x LoA	-11,5439216	0,045	0,307
CHR8	5588836	CHR8:5588836	SSF x LoA	-11,055442	-0,095	0,305
CHR8	5589074	CHR8:5589074	SSF x LoA	-4,46276983	-0,173	0,313
CHR8	5589132	CHR8:5589132	SSF x LoA	-7,84434285	-0,049	0,301
CHR8	5592729	CHR8:5592729	SSF x LoA	-8,75979877	0,022	0,316
CHR8	5599369	CHR8:5599369	SSF x LoA	-8,26037039	-0,098	0,281
CHR8	5599396	CHR8:5599396	SSF x LoA	-8,3865386	0,107	0,308
CHR8	5599465	CHR8:5599465	SSF x LoA	-10,5203222	-0,037	0,303
CHR8	5602424	CHR8:5602424	SSF x LoA	-8,47014669	0,068	0,308
CHR8	5604516	CHR8:5604516	SSF x LoA	-9,23369523	0,032	0,314
CHR8	560493	CHR8:560493	SSF x LoA	-9,68900891	0,037	0,321
CHR8	560611	CHR8:560611	SSF x LoA	-10,4952553	0,000	0,309
CHR8	560622	CHR8:560622	SSF x LoA	-4,89971319	0,151	0,306
CHR8	5621395	CHR8:5621395	SSF x LoA	-9,04643195	0,101	0,315
CHR8	5621405	CHR8:5621405	SSF x LoA	-11,9882837	-0,010	0,301
CHR8	5621479	CHR8:5621479	SSF x LoA	-10,5197004	-0,064	0,311
CHR8	5621516	CHR8:5621516	SSF x LoA	-8,69446221	-0,081	0,308
CHR8	5622588	CHR8:5622588	SSF x LoA	-11,7369188	-0,062	0,287
CHR8	5622639	CHR8:5622639	SSF x LoA	-6,81943729	0,034	0,329
CHR8	5622658	CHR8:5622658	SSF x LoA	-9,48698114	-0,096	0,319
CHR8	5622659	CHR8:5622659	SSF x LoA	-9,96325748	-0,065	0,300
CHR8	5622676	CHR8:5622676	SSF x LoA	-9,91833335	0,119	0,310
CHR8	5630995	CHR8:5630995	SSF x LoA	-8,16666444	-0,055	0,307
CHR8	5631003	CHR8:5631003	SSF x LoA	-10,4447869	-0,129	0,303
CHR8	5631018	CHR8:5631018	SSF x LoA	-9,04608868	0,046	0,310

CHR8	5631020	CHR8:5631020	SSF x LoA	-8,28555566	0,052	0,316
CHR8	5631025	CHR8:5631025	SSF x LoA	-8,1403076	0,125	0,295
CHR8	5631032	CHR8:5631032	SSF x LoA	-6,86940143	-0,168	0,293
CHR8	563443	CHR8:563443	SSF x LoA	-10,0503394	0,040	0,305
CHR8	563726	CHR8:563726	SSF x LoA	-10,9842109	-0,106	0,304
CHR8	563759	CHR8:563759	SSF x LoA	-8,11461382	-0,147	0,298
CHR8	5638799	CHR8:5638799	SSF x LoA	-11,5546166	-0,007	0,316
CHR8	5638841	CHR8:5638841	SSF x LoA	-10,3739613	0,047	0,315
CHR8	5638854	CHR8:5638854	SSF x LoA	-10,4670061	0,021	0,305
CHR8	5638864	CHR8:5638864	SSF x LoA	-8,97010989	-0,020	0,315
CHR8	5638913	CHR8:5638913	SSF x LoA	-7,01482938	-0,064	0,309
CHR8	5638921	CHR8:5638921	SSF x LoA	-10,1019348	-0,056	0,305
CHR8	5640481	CHR8:5640481	SSF x LoA	-10,5540961	-0,014	0,293
CHR8	5640499	CHR8:5640499	SSF x LoA	-7,0063648	-0,112	0,294
CHR8	5640580	CHR8:5640580	SSF x LoA	-9,31020758	0,031	0,309
CHR8	5640679	CHR8:5640679	SSF x LoA	-9,8956998	0,017	0,302
CHR8	5646661	CHR8:5646661	SSF x LoA	-11,4004874	0,015	0,321
CHR8	5646776	CHR8:5646776	SSF x LoA	-9,98371007	0,102	0,294
CHR8	5656116	CHR8:5656116	SSF x LoA	-8,63690226	-0,020	0,303
CHR8	5656117	CHR8:5656117	SSF x LoA	-9,73922339	-0,011	0,300
CHR8	5656264	CHR8:5656264	SSF x LoA	-7,0529144	0,095	0,288
CHR8	5661212	CHR8:5661212	SSF x LoA	-7,12928274	-0,024	0,303
CHR8	5661222	CHR8:5661222	SSF x LoA	-11,0914732	0,045	0,300
CHR8	5661224	CHR8:5661224	SSF x LoA	-9,91391684	-0,027	0,309
CHR8	5671927	CHR8:5671927	SSF x LoA	-10,3982016	0,061	0,303
CHR8	5671979	CHR8:5671979	SSF x LoA	-9,15853991	-0,146	0,292
CHR8	5683229	CHR8:5683229	SSF x LoA	-7,54839422	0,102	0,298
CHR8	5683317	CHR8:5683317	SSF x LoA	-9,11399518	-0,029	0,274
CHR8	5683319	CHR8:5683319	SSF x LoA	-5,64438939	-0,059	0,284
CHR8	5683325	CHR8:5683325	SSF x LoA	11,7192435	-0,143	0,279
CHR8	5683349	CHR8:5683349	SSF x LoA	-2,12641453	-0,158	0,278
CHR8	5683366	CHR8:5683366	SSF x LoA	-9,41586346	0,017	0,287
CHR8	5683416	CHR8:5683416	SSF x LoA	-7,37224157	-0,142	0,290
CHR8	5683447	CHR8:5683447	SSF x LoA	-11,8242084	-0,045	0,307
CHR8	5690420	CHR8:5690420	SSF x LoA	-10,7531568	0,110	0,312
CHR8	5690471	CHR8:5690471	SSF x LoA	-5,45781636	0,006	0,303
CHR8	5690472	CHR8:5690472	SSF x LoA	-8,95255953	-0,013	0,315
CHR8	5690494	CHR8:5690494	SSF x LoA	-8,90491496	0,015	0,317
CHR8	5690518	CHR8:5690518	SSF x LoA	-10,8773812	0,063	0,305
CHR8	5690529	CHR8:5690529	SSF x LoA	-8,44822654	0,027	0,316
CHR8	5690565	CHR8:5690565	SSF x LoA	-10,5132054	0,035	0,325
CHR8	5690586	CHR8:5690586	SSF x LoA	-7,4891429	0,018	0,305
CHR8	5690588	CHR8:5690588	SSF x LoA	-10,0623634	-0,046	0,299
CHR8	5690596	CHR8:5690596	SSF x LoA	-8,50959979	0,020	0,295
CHR8	5695254	CHR8:5695254	SSF x LoA	-7,89801192	-0,057	0,323
CHR8	5695680	CHR8:5695680	SSF x LoA	-7,80714507	-0,169	0,303
CHR8	5695704	CHR8:5695704	SSF x LoA	-8,73864367	-0,116	0,308
CHR8	5695712	CHR8:5695712	SSF x LoA	-4,89748884	0,125	0,304
CHR8	5706430	CHR8:5706430	SSF x LoA	-8,51349715	-0,088	0,316
CHR8	5708683	CHR8:5708683	SSF x LoA	-8,39947359	0,190	0,316
CHR8	5708703	CHR8:5708703	SSF x LoA	-10,0140741	0,033	0,305
CHR8	5708854	CHR8:5708854	SSF x LoA	-8,05885423	0,155	0,310
CHR8	5709567	CHR8:5709567	SSF x LoA	-11,084973	0,032	0,327

CHR8	5709650	CHR8:5709650	SSF x LoA	-10,3907356	0,058	0,312
CHR8	5713521	CHR8:5713521	SSF x LoA	-6,17527626	-0,060	0,313
CHR8	5713603	CHR8:5713603	SSF x LoA	-10,3589506	0,029	0,316
CHR8	5713700	CHR8:5713700	SSF x LoA	-7,53524821	-0,098	0,310
CHR8	5713703	CHR8:5713703	SSF x LoA	-9,16391681	0,037	0,313
CHR8	5716252	CHR8:5716252	SSF x LoA	-10,609978	-0,085	0,282
CHR8	5716261	CHR8:5716261	SSF x LoA	-8,58171576	-0,043	0,311
CHR8	5716278	CHR8:5716278	SSF x LoA	-11,4098388	-0,028	0,313
CHR8	5716281	CHR8:5716281	SSF x LoA	-9,18827688	-0,030	0,320
CHR8	5718004	CHR8:5718004	SSF x LoA	-8,74126754	-0,047	0,314
CHR8	5718074	CHR8:5718074	SSF x LoA	-7,93688338	-0,100	0,304
CHR8	5718092	CHR8:5718092	SSF x LoA	-9,25472348	0,049	0,301
CHR8	5718106	CHR8:5718106	SSF x LoA	-10,3244816	0,033	0,301
CHR8	5718128	CHR8:5718128	SSF x LoA	-9,06328134	0,026	0,309
CHR8	5718129	CHR8:5718129	SSF x LoA	-9,35835475	0,019	0,307
CHR8	5721381	CHR8:5721381	SSF x LoA	-10,7813073	-0,047	0,298
CHR8	5730238	CHR8:5730238	SSF x LoA	-8,69468446	0,108	0,309
CHR8	5730247	CHR8:5730247	SSF x LoA	-8,42695875	-0,078	0,297
CHR8	5730327	CHR8:5730327	SSF x LoA	-7,51471346	0,032	0,320
CHR8	573738	CHR8:573738	SSF x LoA	-9,96836224	0,079	0,299
CHR8	573832	CHR8:573832	SSF x LoA	-11,0431002	0,032	0,319
CHR8	5739114	CHR8:5739114	SSF x LoA	-10,0549422	-0,063	0,316
CHR8	5741094	CHR8:5741094	SSF x LoA	-8,80974397	0,061	0,315
CHR8	5741246	CHR8:5741246	SSF x LoA	-12,1141673	0,010	0,302
CHR8	5741286	CHR8:5741286	SSF x LoA	-9,73086801	0,056	0,284
CHR8	5744406	CHR8:5744406	SSF x LoA	-6,52989797	-0,066	0,313
CHR8	5744421	CHR8:5744421	SSF x LoA	-7,64370036	-0,098	0,302
CHR8	5744424	CHR8:5744424	SSF x LoA	-8,400945	-0,046	0,311
CHR8	5744426	CHR8:5744426	SSF x LoA	-6,4926611	-0,183	0,290
CHR8	5744486	CHR8:5744486	SSF x LoA	-8,06177155	-0,062	0,288
CHR8	5744575	CHR8:5744575	SSF x LoA	-9,35810508	0,091	0,311
CHR8	5752305	CHR8:5752305	SSF x LoA	-10,1012239	-0,039	0,312
CHR8	5752308	CHR8:5752308	SSF x LoA	-8,32392348	0,031	0,307
CHR8	5752355	CHR8:5752355	SSF x LoA	-10,5983183	0,073	0,296
CHR8	5752366	CHR8:5752366	SSF x LoA	-11,2305185	-0,032	0,313
CHR8	5752425	CHR8:5752425	SSF x LoA	-9,36509379	-0,076	0,311
CHR8	5752525	CHR8:5752525	SSF x LoA	-7,06098991	0,063	0,316
CHR8	5763818	CHR8:5763818	SSF x LoA	-11,7948017	0,040	0,303
CHR8	5763877	CHR8:5763877	SSF x LoA	-9,11343693	0,125	0,305
CHR8	5765316	CHR8:5765316	SSF x LoA	-10,7027715	0,010	0,304
CHR8	5768077	CHR8:5768077	SSF x LoA	-10,9268631	0,033	0,305
CHR8	5768121	CHR8:5768121	SSF x LoA	-9,37794015	0,017	0,306
CHR8	5768170	CHR8:5768170	SSF x LoA	-10,5966817	0,118	0,306
CHR8	5768199	CHR8:5768199	SSF x LoA	-9,23552887	-0,049	0,319
CHR8	5772846	CHR8:5772846	SSF x LoA	-7,6369185	0,002	0,310
CHR8	5772948	CHR8:5772948	SSF x LoA	-10,9370055	-0,029	0,297
CHR8	5772963	CHR8:5772963	SSF x LoA	-10,6730281	-0,052	0,296
CHR8	5773166	CHR8:5773166	SSF x LoA	-12,2314001	0,033	0,304
CHR8	5773185	CHR8:5773185	SSF x LoA	-8,98410491	0,068	0,311
CHR8	5773214	CHR8:5773214	SSF x LoA	-6,80203128	-0,175	0,298
CHR8	5773224	CHR8:5773224	SSF x LoA	-10,5824117	0,119	0,307
CHR8	5773237	CHR8:5773237	SSF x LoA	-9,29724065	0,049	0,310
CHR8	5773246	CHR8:5773246	SSF x LoA	-3,47280598	-0,081	0,286

CHR8	5773254	CHR8:5773254	SSF x LoA	-9,17280999	-0,024	0,294
CHR8	5773270	CHR8:5773270	SSF x LoA	-2,793239	-0,197	0,291
CHR8	5773289	CHR8:5773289	SSF x LoA	-8,90801682	-0,138	0,298
CHR8	5774999	CHR8:5774999	SSF x LoA	-6,29259605	0,153	0,296
CHR8	5775016	CHR8:5775016	SSF x LoA	-8,12062403	-0,027	0,310
CHR8	5775056	CHR8:5775056	SSF x LoA	-8,47877369	0,016	0,317
CHR8	5775064	CHR8:5775064	SSF x LoA	-8,52231507	0,107	0,289
CHR8	5775094	CHR8:5775094	SSF x LoA	-11,4607896	0,000	0,297
CHR8	5775107	CHR8:5775107	SSF x LoA	-10,670509	-0,052	0,318
CHR8	5775190	CHR8:5775190	SSF x LoA	-9,00099782	0,102	0,296
CHR8	5775199	CHR8:5775199	SSF x LoA	-10,505906	0,077	0,311
CHR8	5775206	CHR8:5775206	SSF x LoA	-7,82699744	0,074	0,313
CHR8	5775248	CHR8:5775248	SSF x LoA	-8,6875804	0,106	0,301
CHR8	5778860	CHR8:5778860	SSF x LoA	-1,42506581	-0,029	0,305
CHR8	5778861	CHR8:5778861	SSF x LoA	-7,83200738	0,150	0,292
CHR8	5778863	CHR8:5778863	SSF x LoA	-9,82537453	-0,089	0,305
CHR8	5778889	CHR8:5778889	SSF x LoA	-10,4108105	0,069	0,298
CHR8	5779052	CHR8:5779052	SSF x LoA	-10,141482	-0,014	0,316
CHR8	5780546	CHR8:5780546	SSF x LoA	-10,2726646	-0,074	0,287
CHR8	5791130	CHR8:5791130	SSF x LoA	-9,53277147	-0,100	0,301
CHR8	5791184	CHR8:5791184	SSF x LoA	-7,29692225	0,133	0,312
CHR8	5791192	CHR8:5791192	SSF x LoA	-7,46800133	-0,117	0,311
CHR8	5801919	CHR8:5801919	SSF x LoA	-10,9790359	0,049	0,318
CHR8	5801975	CHR8:5801975	SSF x LoA	-11,2286016	0,026	0,314
CHR8	5801977	CHR8:5801977	SSF x LoA	-9,89734946	-0,096	0,307
CHR8	5801990	CHR8:5801990	SSF x LoA	-6,61476685	0,066	0,312
CHR8	5802060	CHR8:5802060	SSF x LoA	-7,76152327	0,005	0,303
CHR8	5802073	CHR8:5802073	SSF x LoA	-9,32248091	-0,083	0,279
CHR8	5802120	CHR8:5802120	SSF x LoA	-10,0771092	0,047	0,322
CHR8	5802167	CHR8:5802167	SSF x LoA	-10,8925981	0,024	0,314
CHR8	580432	CHR8:580432	SSF x LoA	-11,5790999	-0,042	0,308
CHR8	580560	CHR8:580560	SSF x LoA	-10,1940013	-0,042	0,317
CHR8	580561	CHR8:580561	SSF x LoA	-10,5223759	-0,056	0,305
CHR8	580570	CHR8:580570	SSF x LoA	-3,84484503	0,106	0,307
CHR8	580690	CHR8:580690	SSF x LoA	5,47988899	0,034	0,312
CHR8	580752	CHR8:580752	SSF x LoA	-10,7525392	-0,087	0,304
CHR8	5809139	CHR8:5809139	SSF x LoA	-9,3055781	-0,075	0,320
CHR8	5809147	CHR8:5809147	SSF x LoA	-5,20078958	0,090	0,321
CHR8	5809214	CHR8:5809214	SSF x LoA	-7,5522393	0,067	0,304
CHR8	5811872	CHR8:5811872	SSF x LoA	-10,5809803	-0,054	0,309
CHR8	5818588	CHR8:5818588	SSF x LoA	-10,1817448	-0,024	0,307
CHR8	5818600	CHR8:5818600	SSF x LoA	-10,7244689	-0,049	0,313
CHR8	5818614	CHR8:5818614	SSF x LoA	-9,63261027	0,067	0,307
CHR8	5822015	CHR8:5822015	SSF x LoA	-9,29774034	0,034	0,315
CHR8	5823249	CHR8:5823249	SSF x LoA	-11,4971313	-0,045	0,307
CHR8	5823318	CHR8:5823318	SSF x LoA	-8,35719178	0,091	0,311
CHR8	5823327	CHR8:5823327	SSF x LoA	-9,52978539	0,063	0,300
CHR8	5825921	CHR8:5825921	SSF x LoA	-10,5197107	0,003	0,308
CHR8	583913	CHR8:583913	SSF x LoA	-6,0410386	-0,117	0,309
CHR8	5841472	CHR8:5841472	SSF x LoA	-10,2996836	-0,035	0,308
CHR8	5841506	CHR8:5841506	SSF x LoA	-9,32627221	-0,006	0,311
CHR8	5841582	CHR8:5841582	SSF x LoA	-7,21851503	0,132	0,305
CHR8	5841593	CHR8:5841593	SSF x LoA	-8,3106667	0,149	0,302

CHR8	5841595	CHR8:5841595	SSF x LoA	-9,28812997	-0,154	0,294
CHR8	5841600	CHR8:5841600	SSF x LoA	-7,76375843	0,119	0,309
CHR8	5841627	CHR8:5841627	SSF x LoA	-3,39918861	0,132	0,302
CHR8	5848875	CHR8:5848875	SSF x LoA	-4,42902105	0,173	0,295
CHR8	5848914	CHR8:5848914	SSF x LoA	-7,99600782	0,095	0,305
CHR8	5848915	CHR8:5848915	SSF x LoA	-8,60062096	-0,059	0,287
CHR8	5849060	CHR8:5849060	SSF x LoA	-9,88440836	0,056	0,302
CHR8	5849215	CHR8:5849215	SSF x LoA	-7,00584551	0,189	0,302
CHR8	5887213	CHR8:5887213	SSF x LoA	-10,7290356	0,068	0,312
CHR8	5889723	CHR8:5889723	SSF x LoA	-9,33010075	0,108	0,292
CHR8	5899120	CHR8:5899120	SSF x LoA	-8,50846454	0,053	0,326
CHR8	5899293	CHR8:5899293	SSF x LoA	-11,4282821	0,147	0,303
CHR8	5899357	CHR8:5899357	SSF x LoA	-11,381176	0,036	0,304
CHR8	5905775	CHR8:5905775	SSF x LoA	-10,1346574	0,074	0,313
CHR8	5925731	CHR8:5925731	SSF x LoA	-9,79327779	-0,044	0,299
CHR8	5925910	CHR8:5925910	SSF x LoA	-10,3252754	0,045	0,314
CHR8	5935491	CHR8:5935491	SSF x LoA	-10,5450088	0,010	0,297
CHR8	5935554	CHR8:5935554	SSF x LoA	-9,38668106	-0,113	0,304
CHR8	5935586	CHR8:5935586	SSF x LoA	-8,95800513	0,057	0,303
CHR8	5935860	CHR8:5935860	SSF x LoA	-9,73442556	-0,013	0,289
CHR8	5935945	CHR8:5935945	SSF x LoA	-8,89929784	0,087	0,302
CHR8	5935955	CHR8:5935955	SSF x LoA	-6,98058219	0,019	0,305
CHR8	5939329	CHR8:5939329	SSF x LoA	-4,67574349	0,062	0,309
CHR8	5939358	CHR8:5939358	SSF x LoA	-11,0691793	-0,101	0,304
CHR8	5942289	CHR8:5942289	SSF x LoA	-8,55213029	-0,005	0,318
CHR8	5942306	CHR8:5942306	SSF x LoA	-3,62995301	0,147	0,310
CHR8	5942316	CHR8:5942316	SSF x LoA	-7,83930073	-0,079	0,321
CHR8	5942448	CHR8:5942448	SSF x LoA	-9,32756299	-0,015	0,294
CHR8	5942456	CHR8:5942456	SSF x LoA	-6,22943308	0,062	0,311
CHR8	5942463	CHR8:5942463	SSF x LoA	-11,7226792	-0,035	0,299
CHR8	5942464	CHR8:5942464	SSF x LoA	-4,60874598	-0,036	0,301
CHR8	5948312	CHR8:5948312	SSF x LoA	-8,41691278	0,056	0,304
CHR8	5948449	CHR8:5948449	SSF x LoA	-11,8398432	0,086	0,293
CHR8	5948591	CHR8:5948591	SSF x LoA	7,59434071	0,151	0,295
CHR8	5948592	CHR8:5948592	SSF x LoA	-10,199923	0,099	0,283
CHR8	5950410	CHR8:5950410	SSF x LoA	-8,50073133	-0,004	0,316
CHR8	5950501	CHR8:5950501	SSF x LoA	-7,82528322	-0,102	0,308
CHR8	5950532	CHR8:5950532	SSF x LoA	-9,49301618	-0,156	0,291
CHR8	5950540	CHR8:5950540	SSF x LoA	-11,6434287	0,034	0,294
CHR8	5950547	CHR8:5950547	SSF x LoA	-10,4739981	-0,104	0,304
CHR8	5950550	CHR8:5950550	SSF x LoA	-9,47872484	-0,138	0,290
CHR8	5955269	CHR8:5955269	SSF x LoA	-11,3531478	0,018	0,308
CHR8	5955273	CHR8:5955273	SSF x LoA	-11,0847249	0,053	0,303
CHR8	5955512	CHR8:5955512	SSF x LoA	-11,2585912	-0,034	0,305
CHR8	5958787	CHR8:5958787	SSF x LoA	7,35815022	-0,182	0,291
CHR8	5958826	CHR8:5958826	SSF x LoA	-5,8302489	0,099	0,308
CHR8	5958833	CHR8:5958833	SSF x LoA	-10,1762986	0,081	0,309
CHR8	5958860	CHR8:5958860	SSF x LoA	-8,94868201	-0,019	0,304
CHR8	5958988	CHR8:5958988	SSF x LoA	-11,4694155	-0,063	0,293
CHR8	5962808	CHR8:5962808	SSF x LoA	-8,33717287	-0,005	0,304
CHR8	5982923	CHR8:5982923	SSF x LoA	-8,1835034	-0,074	0,311
CHR8	5982979	CHR8:5982979	SSF x LoA	-6,90463687	-0,098	0,311
CHR8	5982987	CHR8:5982987	SSF x LoA	-8,58388213	0,059	0,321

CHR8	5983031	CHR8:5983031	SSF x LoA	-8,40204437	-0,117	0,300
CHR8	5983040	CHR8:5983040	SSF x LoA	-11,2846134	0,020	0,312
CHR8	5983043	CHR8:5983043	SSF x LoA	-11,20006	0,058	0,306
CHR8	5983067	CHR8:5983067	SSF x LoA	-7,63308086	-0,072	0,310
CHR8	5983082	CHR8:5983082	SSF x LoA	-6,68338683	-0,154	0,297
CHR8	5983103	CHR8:5983103	SSF x LoA	-8,44012791	-0,143	0,312
CHR8	5983114	CHR8:5983114	SSF x LoA	-7,98190083	-0,131	0,305
CHR8	5987911	CHR8:5987911	SSF x LoA	-6,73136484	0,034	0,299
CHR8	5987952	CHR8:5987952	SSF x LoA	-12,1850559	0,030	0,303
CHR8	5990408	CHR8:5990408	SSF x LoA	-9,87365455	-0,052	0,299
CHR8	60011	CHR8:60011	SSF x LoA	-9,31646439	0,119	0,309
CHR8	6009151	CHR8:6009151	SSF x LoA	-9,19397087	-0,143	0,298
CHR8	6009283	CHR8:6009283	SSF x LoA	-11,0019808	0,084	0,305
CHR8	6016456	CHR8:6016456	SSF x LoA	-12,1075081	-0,012	0,284
CHR8	6017322	CHR8:6017322	SSF x LoA	-8,9196198	0,034	0,298
CHR8	6017344	CHR8:6017344	SSF x LoA	-5,65259385	-0,160	0,290
CHR8	6017498	CHR8:6017498	SSF x LoA	-9,93594643	-0,049	0,306
CHR8	6029761	CHR8:6029761	SSF x LoA	-9,40909348	-0,133	0,287
CHR8	6029946	CHR8:6029946	SSF x LoA	-10,6721115	-0,044	0,301
CHR8	6029961	CHR8:6029961	SSF x LoA	-7,07606919	-0,086	0,289
CHR8	6037195	CHR8:6037195	SSF x LoA	-8,72223565	-0,103	0,318
CHR8	6037217	CHR8:6037217	SSF x LoA	-9,38107914	-0,118	0,303
CHR8	6037351	CHR8:6037351	SSF x LoA	-8,71625293	-0,030	0,311
CHR8	6037352	CHR8:6037352	SSF x LoA	-8,95678849	-0,023	0,307
CHR8	6037433	CHR8:6037433	SSF x LoA	-7,55408806	0,151	0,305
CHR8	6061039	CHR8:6061039	SSF x LoA	-7,08062759	-0,044	0,306
CHR8	607700	CHR8:607700	SSF x LoA	-8,43081205	0,086	0,311
CHR8	607712	CHR8:607712	SSF x LoA	-9,9125095	0,048	0,312
CHR8	607741	CHR8:607741	SSF x LoA	-8,61681893	0,074	0,315
CHR8	6082576	CHR8:6082576	SSF x LoA	-9,1105664	-0,048	0,311
CHR8	6082599	CHR8:6082599	SSF x LoA	-3,8126342	0,160	0,297
CHR8	6082623	CHR8:6082623	SSF x LoA	-8,59681933	-0,014	0,302
CHR8	6082630	CHR8:6082630	SSF x LoA	-6,49778171	-0,064	0,285
CHR8	6090747	CHR8:6090747	SSF x LoA	-9,8190509	-0,076	0,314
CHR8	6090799	CHR8:6090799	SSF x LoA	-11,1515783	-0,065	0,309
CHR8	6090863	CHR8:6090863	SSF x LoA	-11,3121052	-0,052	0,300
CHR8	6110067	CHR8:6110067	SSF x LoA	-2,75130623	0,082	0,299
CHR8	6110200	CHR8:6110200	SSF x LoA	-9,09571198	0,023	0,303
CHR8	6110210	CHR8:6110210	SSF x LoA	-5,29464404	0,115	0,306
CHR8	6110235	CHR8:6110235	SSF x LoA	-9,52328802	0,063	0,312
CHR8	6110334	CHR8:6110334	SSF x LoA	-9,54158175	-0,132	0,299
CHR8	6110339	CHR8:6110339	SSF x LoA	-8,8705664	0,054	0,305
CHR8	6113064	CHR8:6113064	SSF x LoA	-5,68671364	-0,223	0,299
CHR8	6113098	CHR8:6113098	SSF x LoA	-3,42238342	0,185	0,303
CHR8	6113127	CHR8:6113127	SSF x LoA	-8,31311228	0,000	0,310
CHR8	6113137	CHR8:6113137	SSF x LoA	-8,45362693	-0,060	0,306
CHR8	6113164	CHR8:6113164	SSF x LoA	-5,90985879	-0,064	0,315
CHR8	6113255	CHR8:6113255	SSF x LoA	-8,70453355	-0,091	0,322
CHR8	6113259	CHR8:6113259	SSF x LoA	-7,89184412	-0,082	0,300
CHR8	6113290	CHR8:6113290	SSF x LoA	-8,23203629	-0,069	0,314
CHR8	6113309	CHR8:6113309	SSF x LoA	-7,51143162	-0,122	0,306
CHR8	6116753	CHR8:6116753	SSF x LoA	-9,01494605	-0,032	0,306
CHR8	612219	CHR8:612219	SSF x LoA	-5,3963869	0,141	0,301

CHR8	6123815	CHR8:6123815	SSF x LoA	-8,83173016	-0,037	0,297
CHR8	6123843	CHR8:6123843	SSF x LoA	-10,560485	-0,056	0,310
CHR8	6130279	CHR8:6130279	SSF x LoA	-9,32806093	0,021	0,308
CHR8	6130425	CHR8:6130425	SSF x LoA	-8,84807587	0,055	0,295
CHR8	6130497	CHR8:6130497	SSF x LoA	-5,32787272	-0,135	0,313
CHR8	6130538	CHR8:6130538	SSF x LoA	-7,66477171	0,096	0,302
CHR8	6133594	CHR8:6133594	SSF x LoA	-7,90828831	-0,084	0,301
CHR8	6133700	CHR8:6133700	SSF x LoA	-8,25828477	0,115	0,300
CHR8	6133761	CHR8:6133761	SSF x LoA	-10,5052729	-0,018	0,310
CHR8	6133782	CHR8:6133782	SSF x LoA	-9,73220058	0,082	0,297
CHR8	6135571	CHR8:6135571	SSF x LoA	-8,10860866	0,086	0,316
CHR8	6135583	CHR8:6135583	SSF x LoA	-12,3085774	0,011	0,305
CHR8	614697	CHR8:614697	SSF x LoA	-10,9626834	-0,007	0,309
CHR8	614745	CHR8:614745	SSF x LoA	-8,30575125	0,025	0,319
CHR8	614746	CHR8:614746	SSF x LoA	-9,45682458	0,060	0,305
CHR8	614818	CHR8:614818	SSF x LoA	-10,22871	0,060	0,317
CHR8	6154817	CHR8:6154817	SSF x LoA	-11,0064398	0,026	0,308
CHR8	6154821	CHR8:6154821	SSF x LoA	-7,41591476	-0,066	0,307
CHR8	6154822	CHR8:6154822	SSF x LoA	-8,94862405	-0,040	0,293
CHR8	6154870	CHR8:6154870	SSF x LoA	-6,7024045	-0,185	0,299
CHR8	6154904	CHR8:6154904	SSF x LoA	-9,70105069	0,058	0,298
CHR8	6154905	CHR8:6154905	SSF x LoA	-8,90877121	0,072	0,308
CHR8	6155165	CHR8:6155165	SSF x LoA	-11,2164139	0,036	0,291
CHR8	6161538	CHR8:6161538	SSF x LoA	-12,3049593	0,008	0,287
CHR8	6161548	CHR8:6161548	SSF x LoA	-9,27637837	-0,056	0,304
CHR8	6161603	CHR8:6161603	SSF x LoA	-7,77119165	0,043	0,315
CHR8	617161	CHR8:617161	SSF x LoA	-11,0371618	-0,001	0,300
CHR8	6174618	CHR8:6174618	SSF x LoA	-7,93915378	0,165	0,309
CHR8	6174693	CHR8:6174693	SSF x LoA	-8,90303746	-0,015	0,316
CHR8	6174757	CHR8:6174757	SSF x LoA	-9,61146827	-0,066	0,296
CHR8	6177922	CHR8:6177922	SSF x LoA	-10,4014557	-0,018	0,304
CHR8	6177997	CHR8:6177997	SSF x LoA	-7,95030583	-0,125	0,303
CHR8	6178010	CHR8:6178010	SSF x LoA	-11,3725049	-0,034	0,320
CHR8	6178044	CHR8:6178044	SSF x LoA	-8,84109963	-0,071	0,306
CHR8	6178053	CHR8:6178053	SSF x LoA	-5,62575481	-0,083	0,315
CHR8	6178140	CHR8:6178140	SSF x LoA	-7,38275791	0,155	0,306
CHR8	6178147	CHR8:6178147	SSF x LoA	-10,9963227	0,071	0,319
CHR8	6178262	CHR8:6178262	SSF x LoA	-6,4656514	-0,028	0,305
CHR8	6178272	CHR8:6178272	SSF x LoA	-8,50355429	-0,029	0,304
CHR8	6202672	CHR8:6202672	SSF x LoA	-9,19325588	0,134	0,303
CHR8	6202685	CHR8:6202685	SSF x LoA	-8,26834529	-0,070	0,303
CHR8	6202789	CHR8:6202789	SSF x LoA	-8,68439785	0,085	0,311
CHR8	6202834	CHR8:6202834	SSF x LoA	-11,4643876	-0,020	0,303
CHR8	6202835	CHR8:6202835	SSF x LoA	3,25423379	-0,006	0,313
CHR8	6202840	CHR8:6202840	SSF x LoA	-11,6984932	-0,009	0,317
CHR8	6204297	CHR8:6204297	SSF x LoA	-11,4773234	-0,024	0,309
CHR8	6208489	CHR8:6208489	SSF x LoA	-7,80974598	-0,076	0,313
CHR8	6219939	CHR8:6219939	SSF x LoA	-8,60182839	-0,013	0,292
CHR8	6219948	CHR8:6219948	SSF x LoA	-10,0878491	-0,019	0,293
CHR8	6219958	CHR8:6219958	SSF x LoA	-9,91954692	-0,035	0,291
CHR8	6219975	CHR8:6219975	SSF x LoA	-7,08659139	0,045	0,314
CHR8	6219979	CHR8:6219979	SSF x LoA	-8,43426403	-0,062	0,313
CHR8	6219988	CHR8:6219988	SSF x LoA	-9,99657454	0,021	0,311

CHR8	6220092	CHR8:6220092	SSF x LoA	-9,00214586	-0,148	0,297
CHR8	6226617	CHR8:6226617	SSF x LoA	-10,557701	-0,001	0,315
CHR8	6228977	CHR8:6228977	SSF x LoA	-6,65479728	-0,110	0,301
CHR8	6229003	CHR8:6229003	SSF x LoA	-11,3843895	0,051	0,311
CHR8	6233846	CHR8:6233846	SSF x LoA	-9,25826857	-0,023	0,309
CHR8	6233848	CHR8:6233848	SSF x LoA	-10,9853728	0,093	0,313
CHR8	6242442	CHR8:6242442	SSF x LoA	-8,99825331	0,022	0,309
CHR8	625551	CHR8:625551	SSF x LoA	-10,0190796	0,067	0,328
CHR8	6255793	CHR8:6255793	SSF x LoA	-9,48886565	0,042	0,297
CHR8	6255985	CHR8:6255985	SSF x LoA	-9,81711426	0,030	0,317
CHR8	625635	CHR8:625635	SSF x LoA	-8,49492668	-0,145	0,316
CHR8	625692	CHR8:625692	SSF x LoA	-10,3566408	0,055	0,300
CHR8	625752	CHR8:625752	SSF x LoA	-7,40804149	0,131	0,298
CHR8	6258469	CHR8:6258469	SSF x LoA	-9,35448788	-0,156	0,306
CHR8	6258473	CHR8:6258473	SSF x LoA	-6,92697011	0,075	0,300
CHR8	6258554	CHR8:6258554	SSF x LoA	-10,2338762	0,100	0,306
CHR8	6258558	CHR8:6258558	SSF x LoA	-10,3774441	0,001	0,308
CHR8	6258563	CHR8:6258563	SSF x LoA	-3,35646765	0,073	0,291
CHR8	6258573	CHR8:6258573	SSF x LoA	-9,15163072	-0,010	0,297
CHR8	6258575	CHR8:6258575	SSF x LoA	-8,24361925	0,034	0,312
CHR8	6264693	CHR8:6264693	SSF x LoA	-8,73620636	0,063	0,315
CHR8	6264711	CHR8:6264711	SSF x LoA	-9,92287381	0,118	0,298
CHR8	6264763	CHR8:6264763	SSF x LoA	-11,0177333	0,071	0,309
CHR8	6264771	CHR8:6264771	SSF x LoA	-11,4955256	-0,075	0,301
CHR8	6264792	CHR8:6264792	SSF x LoA	-10,9632226	0,126	0,303
CHR8	6264795	CHR8:6264795	SSF x LoA	-11,406945	0,039	0,294
CHR8	6265040	CHR8:6265040	SSF x LoA	-11,7083473	-0,049	0,304
CHR8	6265132	CHR8:6265132	SSF x LoA	-8,66561096	0,072	0,313
CHR8	6268123	CHR8:6268123	SSF x LoA	-10,1156617	0,088	0,300
CHR8	6277511	CHR8:6277511	SSF x LoA	-8,52767931	0,001	0,308
CHR8	6277524	CHR8:6277524	SSF x LoA	-6,74713827	-0,200	0,288
CHR8	6277560	CHR8:6277560	SSF x LoA	-8,99832939	0,029	0,312
CHR8	6277973	CHR8:6277973	SSF x LoA	-11,7227906	-0,017	0,308
CHR8	6290284	CHR8:6290284	SSF x LoA	-8,13476427	-0,019	0,313
CHR8	6290311	CHR8:6290311	SSF x LoA	-7,2522683	0,070	0,307
CHR8	6290366	CHR8:6290366	SSF x LoA	-10,6632095	-0,025	0,306
CHR8	6290375	CHR8:6290375	SSF x LoA	-10,6289501	0,061	0,310
CHR8	6290378	CHR8:6290378	SSF x LoA	-5,67141135	-0,125	0,301
CHR8	6290380	CHR8:6290380	SSF x LoA	-8,10619651	-0,053	0,318
CHR8	6290512	CHR8:6290512	SSF x LoA	-8,39993852	0,089	0,309
CHR8	6300052	CHR8:6300052	SSF x LoA	-10,603965	-0,006	0,306
CHR8	6307655	CHR8:6307655	SSF x LoA	-11,4680455	-0,073	0,299
CHR8	6307841	CHR8:6307841	SSF x LoA	-8,25509285	0,012	0,308
CHR8	6307871	CHR8:6307871	SSF x LoA	-11,2429312	-0,066	0,302
CHR8	6307906	CHR8:6307906	SSF x LoA	-8,39335404	-0,085	0,307
CHR8	6317985	CHR8:6317985	SSF x LoA	-2,32228438	0,183	0,299
CHR8	6317986	CHR8:6317986	SSF x LoA	-5,9457598	0,201	0,284
CHR8	6318000	CHR8:6318000	SSF x LoA	-5,92058655	0,143	0,305
CHR8	6318009	CHR8:6318009	SSF x LoA	-6,04897335	0,159	0,306
CHR8	6318035	CHR8:6318035	SSF x LoA	-5,87026149	0,227	0,282
CHR8	6318042	CHR8:6318042	SSF x LoA	-6,46778418	0,083	0,315
CHR8	6318047	CHR8:6318047	SSF x LoA	-3,51222967	0,255	0,293
CHR8	6318052	CHR8:6318052	SSF x LoA	-3,62496679	0,206	0,286

CHR8	631954	CHR8:631954	SSF x LoA	-8,70646848	0,090	0,302
CHR8	631993	CHR8:631993	SSF x LoA	-10,9755918	-0,022	0,324
CHR8	6324212	CHR8:6324212	SSF x LoA	-8,71639917	0,002	0,309
CHR8	6324251	CHR8:6324251	SSF x LoA	-8,29837204	0,067	0,307
CHR8	6324278	CHR8:6324278	SSF x LoA	-8,75867114	-0,036	0,304
CHR8	6326402	CHR8:6326402	SSF x LoA	-10,1725	-0,084	0,302
CHR8	633457	CHR8:633457	SSF x LoA	-8,7072292	-0,072	0,301
CHR8	6338559	CHR8:6338559	SSF x LoA	-11,6816404	0,035	0,298
CHR8	6338597	CHR8:6338597	SSF x LoA	-8,43508945	0,048	0,305
CHR8	6338602	CHR8:6338602	SSF x LoA	-10,4466589	0,012	0,311
CHR8	6338706	CHR8:6338706	SSF x LoA	-8,08841593	-0,059	0,307
CHR8	6338762	CHR8:6338762	SSF x LoA	-10,5634384	-0,051	0,319
CHR8	6346260	CHR8:6346260	SSF x LoA	-9,76747289	-0,023	0,291
CHR8	6346443	CHR8:6346443	SSF x LoA	-7,80205046	0,056	0,308
CHR8	6346521	CHR8:6346521	SSF x LoA	-9,37930647	-0,020	0,304
CHR8	6353964	CHR8:6353964	SSF x LoA	-8,30595691	0,089	0,299
CHR8	6358521	CHR8:6358521	SSF x LoA	-9,49921583	-0,193	0,299
CHR8	6367559	CHR8:6367559	SSF x LoA	-7,56722217	0,064	0,312
CHR8	6367629	CHR8:6367629	SSF x LoA	-8,70439838	-0,038	0,299
CHR8	6367637	CHR8:6367637	SSF x LoA	-8,8529892	-0,014	0,300
CHR8	6367672	CHR8:6367672	SSF x LoA	-9,40760969	0,065	0,303
CHR8	6386044	CHR8:6386044	SSF x LoA	-6,8611187	0,035	0,322
CHR8	6388605	CHR8:6388605	SSF x LoA	-9,97244767	0,020	0,299
CHR8	6388678	CHR8:6388678	SSF x LoA	-10,8293159	0,041	0,311
CHR8	6396777	CHR8:6396777	SSF x LoA	-10,0941708	-0,056	0,309
CHR8	6401256	CHR8:6401256	SSF x LoA	-9,84364139	-0,033	0,310
CHR8	6401278	CHR8:6401278	SSF x LoA	-8,65090739	0,030	0,316
CHR8	6401279	CHR8:6401279	SSF x LoA	-9,29251105	0,035	0,312
CHR8	6409539	CHR8:6409539	SSF x LoA	-11,4517659	0,021	0,305
CHR8	6409560	CHR8:6409560	SSF x LoA	-9,82519171	0,042	0,298
CHR8	6409569	CHR8:6409569	SSF x LoA	-7,63619946	-0,132	0,297
CHR8	6410688	CHR8:6410688	SSF x LoA	-10,0026496	-0,081	0,305
CHR8	6410778	CHR8:6410778	SSF x LoA	-8,89098881	0,025	0,314
CHR8	6410833	CHR8:6410833	SSF x LoA	-11,9583122	-0,044	0,304
CHR8	6411845	CHR8:6411845	SSF x LoA	2,58674472	-0,137	0,296
CHR8	6411854	CHR8:6411854	SSF x LoA	-10,6727529	0,037	0,312
CHR8	6411899	CHR8:6411899	SSF x LoA	-10,1368434	0,083	0,308
CHR8	6411908	CHR8:6411908	SSF x LoA	-11,0198797	-0,098	0,308
CHR8	6411978	CHR8:6411978	SSF x LoA	-11,2689078	0,007	0,300
CHR8	6412070	CHR8:6412070	SSF x LoA	-9,61202904	-0,085	0,310
CHR8	6433309	CHR8:6433309	SSF x LoA	-10,9256681	0,020	0,313
CHR8	6433315	CHR8:6433315	SSF x LoA	-10,2202388	0,005	0,311
CHR8	6433322	CHR8:6433322	SSF x LoA	-8,38312259	-0,071	0,308
CHR8	6433521	CHR8:6433521	SSF x LoA	-10,2325106	-0,054	0,308
CHR8	644178	CHR8:644178	SSF x LoA	-8,85306921	-0,009	0,317
CHR8	6442076	CHR8:6442076	SSF x LoA	-5,54598678	0,172	0,299
CHR8	6444710	CHR8:6444710	SSF x LoA	-9,71118288	0,067	0,301
CHR8	6444718	CHR8:6444718	SSF x LoA	-7,49363293	0,072	0,307
CHR8	6444784	CHR8:6444784	SSF x LoA	-9,09303758	-0,142	0,296
CHR8	6444800	CHR8:6444800	SSF x LoA	-10,0314268	0,022	0,304
CHR8	6444835	CHR8:6444835	SSF x LoA	-9,87789015	0,077	0,296
CHR8	6444900	CHR8:6444900	SSF x LoA	-8,52121987	0,082	0,301
CHR8	6449281	CHR8:6449281	SSF x LoA	-9,80141099	0,111	0,296

CHR8	6449304	CHR8:6449304	SSF x LoA	-12,0742563	0,026	0,303
CHR8	6449342	CHR8:6449342	SSF x LoA	-10,5558646	0,051	0,313
CHR8	6449364	CHR8:6449364	SSF x LoA	-9,98758007	0,124	0,304
CHR8	6454287	CHR8:6454287	SSF x LoA	-9,5342423	0,033	0,295
CHR8	6454330	CHR8:6454330	SSF x LoA	-9,78386757	-0,030	0,312
CHR8	6454333	CHR8:6454333	SSF x LoA	-7,83771331	0,023	0,309
CHR8	6454346	CHR8:6454346	SSF x LoA	-9,06045515	0,124	0,307
CHR8	645490	CHR8:645490	SSF x LoA	-6,79067641	0,161	0,301
CHR8	6467445	CHR8:6467445	SSF x LoA	-8,28807847	0,086	0,295
CHR8	6467510	CHR8:6467510	SSF x LoA	-7,38845553	0,133	0,298
CHR8	6478649	CHR8:6478649	SSF x LoA	-10,5724383	-0,007	0,315
CHR8	6478688	CHR8:6478688	SSF x LoA	-10,0226077	-0,064	0,307
CHR8	6478717	CHR8:6478717	SSF x LoA	-8,37810813	0,131	0,310
CHR8	6479183	CHR8:6479183	SSF x LoA	-5,40189918	-0,037	0,308
CHR8	6479193	CHR8:6479193	SSF x LoA	-7,79175938	0,077	0,309
CHR8	6479194	CHR8:6479194	SSF x LoA	-8,73688971	0,069	0,308
CHR8	6479241	CHR8:6479241	SSF x LoA	-9,33188883	-0,081	0,311
CHR8	6490400	CHR8:6490400	SSF x LoA	-10,3648585	-0,007	0,323
CHR8	6490404	CHR8:6490404	SSF x LoA	-7,66211495	0,041	0,311
CHR8	6490409	CHR8:6490409	SSF x LoA	-7,87877438	0,149	0,297
CHR8	6492134	CHR8:6492134	SSF x LoA	-8,32683232	-0,092	0,310
CHR8	6493184	CHR8:6493184	SSF x LoA	-9,92938162	0,045	0,309
CHR8	6493218	CHR8:6493218	SSF x LoA	-7,54024131	0,057	0,316
CHR8	6500946	CHR8:6500946	SSF x LoA	-9,29059802	0,020	0,309
CHR8	6500996	CHR8:6500996	SSF x LoA	-8,8618529	0,006	0,309
CHR8	6501082	CHR8:6501082	SSF x LoA	-11,4299243	0,066	0,299
CHR8	6502959	CHR8:6502959	SSF x LoA	-9,83225176	-0,059	0,302
CHR8	6503024	CHR8:6503024	SSF x LoA	-8,51180696	0,087	0,313
CHR8	6503054	CHR8:6503054	SSF x LoA	-7,04681499	-0,016	0,291
CHR8	6503059	CHR8:6503059	SSF x LoA	-8,62176147	-0,049	0,296
CHR8	6503077	CHR8:6503077	SSF x LoA	-9,0822247	0,008	0,304
CHR8	6503188	CHR8:6503188	SSF x LoA	-5,99025494	-0,095	0,307
CHR8	6503221	CHR8:6503221	SSF x LoA	-9,79586618	-0,072	0,298
CHR8	6503222	CHR8:6503222	SSF x LoA	-11,3408812	0,005	0,313
CHR8	6505328	CHR8:6505328	SSF x LoA	-11,2575517	0,050	0,311
CHR8	6513230	CHR8:6513230	SSF x LoA	-10,0124596	0,020	0,305
CHR8	6513307	CHR8:6513307	SSF x LoA	-7,81376109	-0,109	0,303
CHR8	6514362	CHR8:6514362	SSF x LoA	-9,26929246	0,061	0,326
CHR8	6514448	CHR8:6514448	SSF x LoA	-9,34921502	-0,046	0,302
CHR8	6524242	CHR8:6524242	SSF x LoA	-9,58570836	0,036	0,302
CHR8	6524245	CHR8:6524245	SSF x LoA	-8,02207274	-0,095	0,313
CHR8	6526260	CHR8:6526260	SSF x LoA	-5,48566068	-0,148	0,305
CHR8	6526335	CHR8:6526335	SSF x LoA	-11,0880613	0,088	0,299
CHR8	6528548	CHR8:6528548	SSF x LoA	-9,99109664	0,028	0,315
CHR8	6528611	CHR8:6528611	SSF x LoA	-7,38351473	-0,071	0,304
CHR8	6528634	CHR8:6528634	SSF x LoA	-11,5306327	-0,032	0,320
CHR8	6528654	CHR8:6528654	SSF x LoA	-8,13560863	0,111	0,306
CHR8	6538017	CHR8:6538017	SSF x LoA	-9,73096399	-0,067	0,316
CHR8	6538263	CHR8:6538263	SSF x LoA	-9,81982415	0,084	0,308
CHR8	6539130	CHR8:6539130	SSF x LoA	-10,569879	-0,059	0,302
CHR8	6539200	CHR8:6539200	SSF x LoA	-9,16019875	0,036	0,310
CHR8	6539238	CHR8:6539238	SSF x LoA	-12,0425969	-0,029	0,302
CHR8	6545478	CHR8:6545478	SSF x LoA	-10,7074009	0,027	0,295

CHR8	655095	CHR8:655095	SSF x LoA	-8,12495409	0,014	0,316
CHR8	6562186	CHR8:6562186	SSF x LoA	-9,24385738	0,073	0,305
CHR8	6562196	CHR8:6562196	SSF x LoA	-6,95358407	-0,097	0,302
CHR8	6562198	CHR8:6562198	SSF x LoA	-10,211641	0,015	0,302
CHR8	6562208	CHR8:6562208	SSF x LoA	-10,6433262	0,004	0,290
CHR8	6562214	CHR8:6562214	SSF x LoA	-9,69400357	-0,120	0,314
CHR8	6573316	CHR8:6573316	SSF x LoA	-9,72481178	-0,003	0,302
CHR8	6573318	CHR8:6573318	SSF x LoA	-7,78607001	0,006	0,315
CHR8	6573364	CHR8:6573364	SSF x LoA	-9,19302964	0,041	0,327
CHR8	6573408	CHR8:6573408	SSF x LoA	-1,94654627	0,042	0,308
CHR8	6577313	CHR8:6577313	SSF x LoA	-10,3662193	-0,082	0,321
CHR8	6577322	CHR8:6577322	SSF x LoA	-9,42197667	-0,056	0,304
CHR8	6577378	CHR8:6577378	SSF x LoA	-6,76300623	-0,096	0,302
CHR8	6582339	CHR8:6582339	SSF x LoA	-11,5420723	0,008	0,297
CHR8	6582426	CHR8:6582426	SSF x LoA	-10,8428643	0,011	0,311
CHR8	6592110	CHR8:6592110	SSF x LoA	-8,20101321	-0,006	0,311
CHR8	6592123	CHR8:6592123	SSF x LoA	-9,21208662	0,053	0,306
CHR8	6592193	CHR8:6592193	SSF x LoA	-9,87439493	-0,006	0,309
CHR8	6593012	CHR8:6593012	SSF x LoA	-10,4253307	0,042	0,308
CHR8	6593019	CHR8:6593019	SSF x LoA	-10,0922206	-0,042	0,302
CHR8	659401	CHR8:659401	SSF x LoA	-10,0919254	-0,017	0,315
CHR8	6603869	CHR8:6603869	SSF x LoA	-9,62756362	0,090	0,311
CHR8	6604054	CHR8:6604054	SSF x LoA	-10,9842502	0,000	0,299
CHR8	6605727	CHR8:6605727	SSF x LoA	-6,27200825	0,072	0,314
CHR8	6605741	CHR8:6605741	SSF x LoA	-7,43607539	-0,078	0,314
CHR8	6605808	CHR8:6605808	SSF x LoA	-9,51688641	-0,021	0,311
CHR8	6605850	CHR8:6605850	SSF x LoA	-6,0026915	-0,116	0,331
CHR8	6605851	CHR8:6605851	SSF x LoA	-7,47006189	-0,143	0,307
CHR8	6605917	CHR8:6605917	SSF x LoA	-6,33906492	0,019	0,304
CHR8	6608680	CHR8:6608680	SSF x LoA	-8,34648778	-0,159	0,302
CHR8	6608682	CHR8:6608682	SSF x LoA	-11,5115965	0,074	0,305
CHR8	6608686	CHR8:6608686	SSF x LoA	-5,95492663	-0,181	0,313
CHR8	661302	CHR8:661302	SSF x LoA	-10,6756002	0,055	0,314
CHR8	661391	CHR8:661391	SSF x LoA	-10,0954298	-0,101	0,303
CHR8	661500	CHR8:661500	SSF x LoA	-7,03520437	-0,145	0,315
CHR8	6616067	CHR8:6616067	SSF x LoA	-9,44108117	-0,021	0,310
CHR8	6616157	CHR8:6616157	SSF x LoA	-8,49030936	-0,016	0,300
CHR8	6616167	CHR8:6616167	SSF x LoA	-8,70750396	0,056	0,302
CHR8	6616418	CHR8:6616418	SSF x LoA	-11,5669943	0,082	0,297
CHR8	6620848	CHR8:6620848	SSF x LoA	-8,746197	-0,095	0,293
CHR8	6620871	CHR8:6620871	SSF x LoA	-9,84477871	0,031	0,308
CHR8	6620903	CHR8:6620903	SSF x LoA	-9,24189368	-0,069	0,314
CHR8	6620912	CHR8:6620912	SSF x LoA	-6,73543677	-0,072	0,315
CHR8	6620931	CHR8:6620931	SSF x LoA	-10,3417488	-0,021	0,303
CHR8	6620934	CHR8:6620934	SSF x LoA	-8,39777811	-0,011	0,304
CHR8	6620954	CHR8:6620954	SSF x LoA	-10,8406742	-0,001	0,324
CHR8	6620956	CHR8:6620956	SSF x LoA	-8,90533576	0,017	0,307
CHR8	6621077	CHR8:6621077	SSF x LoA	-8,9203092	-0,060	0,308
CHR8	6621120	CHR8:6621120	SSF x LoA	-9,81590196	-0,104	0,321
CHR8	6621135	CHR8:6621135	SSF x LoA	-11,2465226	0,041	0,321
CHR8	6621138	CHR8:6621138	SSF x LoA	-10,4563522	-0,049	0,308
CHR8	6621179	CHR8:6621179	SSF x LoA	-11,4150341	0,052	0,305
CHR8	6621184	CHR8:6621184	SSF x LoA	-10,4822917	0,054	0,306

CHR8	6621375	CHR8:6621375	SSF x LoA	-12,4012278	0,020	0,304
CHR8	6621381	CHR8:6621381	SSF x LoA	-11,03294	0,099	0,308
CHR8	6623638	CHR8:6623638	SSF x LoA	-9,10606412	0,115	0,309
CHR8	6623644	CHR8:6623644	SSF x LoA	-10,2631131	-0,043	0,307
CHR8	6624797	CHR8:6624797	SSF x LoA	4,37545502	0,110	0,306
CHR8	6628534	CHR8:6628534	SSF x LoA	-10,0899111	0,012	0,305
CHR8	6628540	CHR8:6628540	SSF x LoA	-9,13504844	-0,023	0,309
CHR8	6628574	CHR8:6628574	SSF x LoA	-10,1280961	-0,050	0,297
CHR8	6628635	CHR8:6628635	SSF x LoA	-10,4548455	0,081	0,315
CHR8	6628640	CHR8:6628640	SSF x LoA	-9,53704252	0,041	0,320
CHR8	6628684	CHR8:6628684	SSF x LoA	-7,75742765	-0,003	0,300
CHR8	6628686	CHR8:6628686	SSF x LoA	-9,85302394	0,087	0,309
CHR8	6628698	CHR8:6628698	SSF x LoA	-6,75245153	-0,124	0,310
CHR8	6628746	CHR8:6628746	SSF x LoA	-10,0157256	0,032	0,300
CHR8	6628817	CHR8:6628817	SSF x LoA	-8,08926957	-0,011	0,308
CHR8	6644451	CHR8:6644451	SSF x LoA	-2,37819973	-0,171	0,300
CHR8	6648050	CHR8:6648050	SSF x LoA	-11,1625482	-0,051	0,311
CHR8	6648163	CHR8:6648163	SSF x LoA	-11,4806255	0,056	0,306
CHR8	6658567	CHR8:6658567	SSF x LoA	-8,55824924	0,099	0,314
CHR8	6658622	CHR8:6658622	SSF x LoA	-9,59191285	0,074	0,304
CHR8	6658770	CHR8:6658770	SSF x LoA	-9,8832033	-0,041	0,304
CHR8	6658776	CHR8:6658776	SSF x LoA	-11,5722519	0,003	0,309
CHR8	6661421	CHR8:6661421	SSF x LoA	-9,1564714	-0,055	0,310
CHR8	6673557	CHR8:6673557	SSF x LoA	-8,70137888	-0,069	0,321
CHR8	6678010	CHR8:6678010	SSF x LoA	-9,44259568	-0,003	0,316
CHR8	6684049	CHR8:6684049	SSF x LoA	-8,67095517	-0,016	0,310
CHR8	6688714	CHR8:6688714	SSF x LoA	-10,8634021	0,056	0,299
CHR8	6696464	CHR8:6696464	SSF x LoA	-8,03735134	-0,006	0,312
CHR8	6696524	CHR8:6696524	SSF x LoA	-8,73938692	-0,006	0,313
CHR8	6696967	CHR8:6696967	SSF x LoA	-9,43201685	0,023	0,305
CHR8	6698494	CHR8:6698494	SSF x LoA	-8,75186168	0,058	0,300
CHR8	6701288	CHR8:6701288	SSF x LoA	-8,06815706	-0,056	0,301
CHR8	6701305	CHR8:6701305	SSF x LoA	-8,72624148	-0,103	0,297
CHR8	6701311	CHR8:6701311	SSF x LoA	-10,0976904	-0,047	0,301
CHR8	6701323	CHR8:6701323	SSF x LoA	-11,6079133	0,010	0,309
CHR8	6701367	CHR8:6701367	SSF x LoA	-9,89792785	-0,014	0,313
CHR8	6702015	CHR8:6702015	SSF x LoA	-9,10378481	0,033	0,311
CHR8	6702068	CHR8:6702068	SSF x LoA	-6,89162713	-0,015	0,312
CHR8	6702076	CHR8:6702076	SSF x LoA	-10,214716	-0,052	0,300
CHR8	6702085	CHR8:6702085	SSF x LoA	-8,3485047	-0,144	0,289
CHR8	6715415	CHR8:6715415	SSF x LoA	-9,14357049	-0,069	0,302
CHR8	6715446	CHR8:6715446	SSF x LoA	-11,0172415	-0,061	0,305
CHR8	6715516	CHR8:6715516	SSF x LoA	-9,24471433	-0,048	0,305
CHR8	6715529	CHR8:6715529	SSF x LoA	-9,70688663	-0,030	0,305
CHR8	6722647	CHR8:6722647	SSF x LoA	-8,83665027	0,097	0,302
CHR8	6722722	CHR8:6722722	SSF x LoA	-10,9431926	-0,019	0,297
CHR8	6722740	CHR8:6722740	SSF x LoA	-8,99011276	0,009	0,308
CHR8	6722826	CHR8:6722826	SSF x LoA	-7,4519754	0,128	0,301
CHR8	6722899	CHR8:6722899	SSF x LoA	-7,14864438	-0,151	0,313
CHR8	6722934	CHR8:6722934	SSF x LoA	-0,54684475	-0,080	0,317
CHR8	6722940	CHR8:6722940	SSF x LoA	-11,4751593	-0,012	0,294
CHR8	6725223	CHR8:6725223	SSF x LoA	-4,9942973	-0,039	0,315
CHR8	6725257	CHR8:6725257	SSF x LoA	-7,896181	-0,161	0,295

CHR8	6725277	CHR8:6725277	SSF x LoA	-10,1522408	0,048	0,299
CHR8	672557	CHR8:672557	SSF x LoA	-10,0892886	0,082	0,304
CHR8	6739338	CHR8:6739338	SSF x LoA	-10,6878621	0,028	0,316
CHR8	6739647	CHR8:6739647	SSF x LoA	-9,24212434	0,123	0,302
CHR8	6739665	CHR8:6739665	SSF x LoA	-9,20576872	0,064	0,311
CHR8	6739706	CHR8:6739706	SSF x LoA	-10,6370806	0,122	0,311
CHR8	6739707	CHR8:6739707	SSF x LoA	-9,16019827	-0,076	0,298
CHR8	6739708	CHR8:6739708	SSF x LoA	-10,035448	0,136	0,302
CHR8	6739716	CHR8:6739716	SSF x LoA	-9,21875535	0,051	0,319
CHR8	6751854	CHR8:6751854	SSF x LoA	-10,8570755	0,011	0,298
CHR8	6751893	CHR8:6751893	SSF x LoA	-11,0555041	0,007	0,314
CHR8	6756458	CHR8:6756458	SSF x LoA	-9,0179991	0,008	0,314
CHR8	6778131	CHR8:6778131	SSF x LoA	-10,6736928	-0,018	0,309
CHR8	6778192	CHR8:6778192	SSF x LoA	-8,9161096	0,143	0,319
CHR8	6794322	CHR8:6794322	SSF x LoA	-8,6236417	-0,072	0,321
CHR8	6794325	CHR8:6794325	SSF x LoA	-10,3151338	-0,016	0,309
CHR8	6794351	CHR8:6794351	SSF x LoA	-10,6103551	-0,061	0,301
CHR8	682781	CHR8:682781	SSF x LoA	-11,0664738	0,065	0,296
CHR8	682830	CHR8:682830	SSF x LoA	-10,8055002	-0,013	0,321
CHR8	6829137	CHR8:6829137	SSF x LoA	-8,01855805	0,064	0,304
CHR8	6829163	CHR8:6829163	SSF x LoA	-8,531566	0,043	0,300
CHR8	6829180	CHR8:6829180	SSF x LoA	-8,18786741	0,063	0,295
CHR8	6829296	CHR8:6829296	SSF x LoA	-6,34023358	0,123	0,294
CHR8	6829301	CHR8:6829301	SSF x LoA	-11,6274795	0,055	0,300
CHR8	6838446	CHR8:6838446	SSF x LoA	-6,47010525	-0,112	0,303
CHR8	6838552	CHR8:6838552	SSF x LoA	-8,12719012	0,102	0,309
CHR8	6838568	CHR8:6838568	SSF x LoA	-7,00446077	-0,025	0,314
CHR8	6838585	CHR8:6838585	SSF x LoA	-10,1817531	0,005	0,312
CHR8	6838593	CHR8:6838593	SSF x LoA	-7,64935481	0,001	0,318
CHR8	683877	CHR8:683877	SSF x LoA	-10,1633134	-0,039	0,307
CHR8	683897	CHR8:683897	SSF x LoA	-9,82352282	-0,058	0,304
CHR8	6849048	CHR8:6849048	SSF x LoA	-7,81886451	-0,168	0,301
CHR8	6866824	CHR8:6866824	SSF x LoA	-10,5518068	-0,095	0,304
CHR8	6866966	CHR8:6866966	SSF x LoA	-8,03210335	0,010	0,316
CHR8	6866993	CHR8:6866993	SSF x LoA	-9,52085333	-0,021	0,317
CHR8	6866999	CHR8:6866999	SSF x LoA	-9,2766301	-0,019	0,307
CHR8	6867012	CHR8:6867012	SSF x LoA	-9,99948874	0,046	0,309
CHR8	6867015	CHR8:6867015	SSF x LoA	-8,7318026	0,035	0,320
CHR8	6869051	CHR8:6869051	SSF x LoA	-11,7400617	-0,083	0,306
CHR8	6869067	CHR8:6869067	SSF x LoA	-11,2814715	-0,064	0,312
CHR8	6869200	CHR8:6869200	SSF x LoA	-10,3702744	-0,042	0,310
CHR8	6869202	CHR8:6869202	SSF x LoA	-7,35259902	-0,047	0,300
CHR8	6869204	CHR8:6869204	SSF x LoA	5,54845407	0,055	0,313
CHR8	6869205	CHR8:6869205	SSF x LoA	-8,96295719	0,072	0,301
CHR8	6870988	CHR8:6870988	SSF x LoA	-10,2784247	0,056	0,312
CHR8	6871007	CHR8:6871007	SSF x LoA	-7,78310801	-0,008	0,305
CHR8	6875748	CHR8:6875748	SSF x LoA	-10,8558777	0,038	0,291
CHR8	6875884	CHR8:6875884	SSF x LoA	-9,57814807	0,078	0,297
CHR8	6879299	CHR8:6879299	SSF x LoA	-11,5248809	-0,040	0,301
CHR8	6886301	CHR8:6886301	SSF x LoA	-2,98467612	0,025	0,304
CHR8	6886419	CHR8:6886419	SSF x LoA	-6,43481162	-0,057	0,297
CHR8	6886460	CHR8:6886460	SSF x LoA	-10,2433908	-0,055	0,292
CHR8	6887071	CHR8:6887071	SSF x LoA	-9,42880672	0,008	0,308

CHR8	6911451	CHR8:6911451	SSF x LoA	-9,34295846	-0,046	0,309
CHR8	6911460	CHR8:6911460	SSF x LoA	-11,1160194	-0,064	0,311
CHR8	6914909	CHR8:6914909	SSF x LoA	-7,69954162	0,144	0,292
CHR8	6917784	CHR8:6917784	SSF x LoA	-6,19215676	-0,040	0,309
CHR8	6917810	CHR8:6917810	SSF x LoA	-7,71160864	-0,051	0,301
CHR8	6917826	CHR8:6917826	SSF x LoA	-6,79049468	0,076	0,308
CHR8	6920240	CHR8:6920240	SSF x LoA	-9,28316316	0,099	0,296
CHR8	6920320	CHR8:6920320	SSF x LoA	-8,76327532	0,008	0,297
CHR8	6920353	CHR8:6920353	SSF x LoA	-6,89205572	-0,118	0,297
CHR8	6920396	CHR8:6920396	SSF x LoA	-10,1211161	-0,066	0,304
CHR8	6928089	CHR8:6928089	SSF x LoA	-8,6359775	-0,041	0,303
CHR8	6928144	CHR8:6928144	SSF x LoA	-8,6703047	-0,028	0,305
CHR8	6928309	CHR8:6928309	SSF x LoA	-8,52545541	0,139	0,303
CHR8	6933863	CHR8:6933863	SSF x LoA	-11,2327622	-0,035	0,315
CHR8	6934020	CHR8:6934020	SSF x LoA	-10,7859693	0,060	0,299
CHR8	6939727	CHR8:6939727	SSF x LoA	-9,05208974	-0,077	0,310
CHR8	6944318	CHR8:6944318	SSF x LoA	-9,40484316	0,008	0,316
CHR8	6944390	CHR8:6944390	SSF x LoA	-8,80434332	0,008	0,303
CHR8	6946578	CHR8:6946578	SSF x LoA	-9,09080752	-0,035	0,315
CHR8	6952911	CHR8:6952911	SSF x LoA	-6,14497004	-0,019	0,313
CHR8	6953102	CHR8:6953102	SSF x LoA	-8,19404484	0,044	0,310
CHR8	6953110	CHR8:6953110	SSF x LoA	-8,93441738	-0,023	0,323
CHR8	6953114	CHR8:6953114	SSF x LoA	-9,92349978	-0,123	0,303
CHR8	6953129	CHR8:6953129	SSF x LoA	-6,69067272	0,086	0,326
CHR8	696518	CHR8:696518	SSF x LoA	-7,76760996	-0,054	0,315
CHR8	6969170	CHR8:6969170	SSF x LoA	-5,29781828	0,048	0,305
CHR8	697968	CHR8:697968	SSF x LoA	-10,4868481	-0,080	0,301
CHR8	698022	CHR8:698022	SSF x LoA	-8,30573994	-0,047	0,301
CHR8	698090	CHR8:698090	SSF x LoA	-6,63983046	-0,081	0,310
CHR8	698213	CHR8:698213	SSF x LoA	-7,4401593	0,111	0,298
CHR8	6987109	CHR8:6987109	SSF x LoA	-8,10073335	0,102	0,309
CHR8	6987129	CHR8:6987129	SSF x LoA	-9,52812696	0,080	0,315
CHR8	6989677	CHR8:6989677	SSF x LoA	-9,14418674	0,046	0,307
CHR8	6989718	CHR8:6989718	SSF x LoA	-8,04879843	0,034	0,315
CHR8	6989903	CHR8:6989903	SSF x LoA	-7,69175562	-0,021	0,302
CHR8	7000479	CHR8:7000479	SSF x LoA	-8,53137321	0,100	0,300
CHR8	7000480	CHR8:7000480	SSF x LoA	-11,7030137	0,068	0,309
CHR8	7002198	CHR8:7002198	SSF x LoA	-9,65485512	-0,069	0,300
CHR8	7002469	CHR8:7002469	SSF x LoA	-10,0248553	-0,017	0,311
CHR8	7023089	CHR8:7023089	SSF x LoA	-8,2632684	-0,005	0,311
CHR8	7023127	CHR8:7023127	SSF x LoA	-9,08281426	-0,001	0,294
CHR8	7035066	CHR8:7035066	SSF x LoA	-4,95999193	-0,058	0,307
CHR8	7035142	CHR8:7035142	SSF x LoA	-10,8063293	-0,037	0,322
CHR8	7036073	CHR8:7036073	SSF x LoA	-11,6650155	-0,018	0,303
CHR8	7038923	CHR8:7038923	SSF x LoA	-11,250795	-0,051	0,309
CHR8	7040644	CHR8:7040644	SSF x LoA	-9,36967009	-0,007	0,309
CHR8	7040734	CHR8:7040734	SSF x LoA	-7,77856052	-0,062	0,314
CHR8	7043344	CHR8:7043344	SSF x LoA	-9,64468865	-0,023	0,301
CHR8	7043509	CHR8:7043509	SSF x LoA	-11,1610673	-0,106	0,312
CHR8	7068420	CHR8:7068420	SSF x LoA	-11,5460308	0,009	0,306
CHR8	7068475	CHR8:7068475	SSF x LoA	-8,73837742	-0,010	0,299
CHR8	7068512	CHR8:7068512	SSF x LoA	-11,0335258	0,040	0,297
CHR8	7068516	CHR8:7068516	SSF x LoA	-11,7717642	-0,009	0,315

CHR8	7076500	CHR8:7076500	SSF x LoA	-8,667082	-0,057	0,308
CHR8	7082802	CHR8:7082802	SSF x LoA	3,18363005	0,149	0,295
CHR8	7082863	CHR8:7082863	SSF x LoA	-10,3279261	0,064	0,288
CHR8	7082953	CHR8:7082953	SSF x LoA	-7,43345907	0,175	0,298
CHR8	7106966	CHR8:7106966	SSF x LoA	-10,309049	0,018	0,310
CHR8	7113795	CHR8:7113795	SSF x LoA	-8,8152059	-0,115	0,298
CHR8	7113837	CHR8:7113837	SSF x LoA	-7,53472977	0,031	0,310
CHR8	7115434	CHR8:7115434	SSF x LoA	-12,2538526	0,008	0,301
CHR8	7115549	CHR8:7115549	SSF x LoA	-6,28939066	-0,050	0,302
CHR8	7115560	CHR8:7115560	SSF x LoA	-11,3279509	0,085	0,300
CHR8	7115566	CHR8:7115566	SSF x LoA	-9,80348136	0,054	0,318
CHR8	7122320	CHR8:7122320	SSF x LoA	-10,0811205	0,012	0,308
CHR8	7122398	CHR8:7122398	SSF x LoA	-3,80293944	-0,121	0,300
CHR8	7122604	CHR8:7122604	SSF x LoA	-6,40234551	-0,158	0,312
CHR8	7122729	CHR8:7122729	SSF x LoA	-7,78645647	-0,099	0,310
CHR8	7130387	CHR8:7130387	SSF x LoA	-9,64749463	0,042	0,305
CHR8	714944	CHR8:714944	SSF x LoA	-10,331461	-0,075	0,306
CHR8	714984	CHR8:714984	SSF x LoA	-7,29865085	0,111	0,296
CHR8	715092	CHR8:715092	SSF x LoA	-7,01984394	0,071	0,312
CHR8	715141	CHR8:715141	SSF x LoA	-6,40509423	0,103	0,299
CHR8	719545	CHR8:719545	SSF x LoA	-8,46374638	-0,041	0,312
CHR8	7206730	CHR8:7206730	SSF x LoA	-5,43170967	-0,003	0,303
CHR8	7209384	CHR8:7209384	SSF x LoA	-9,26519655	-0,044	0,316
CHR8	7246643	CHR8:7246643	SSF x LoA	-8,27320512	0,054	0,311
CHR8	7246711	CHR8:7246711	SSF x LoA	-6,41415276	0,077	0,314
CHR8	7283233	CHR8:7283233	SSF x LoA	-10,5325271	-0,036	0,314
CHR8	7283304	CHR8:7283304	SSF x LoA	-9,01282485	0,118	0,309
CHR8	7295776	CHR8:7295776	SSF x LoA	-9,98107291	0,061	0,296
CHR8	7310051	CHR8:7310051	SSF x LoA	-11,3450395	0,096	0,304
CHR8	7325100	CHR8:7325100	SSF x LoA	-6,01323642	-0,162	0,284
CHR8	7325149	CHR8:7325149	SSF x LoA	-3,04042004	-0,179	0,297
CHR8	7330312	CHR8:7330312	SSF x LoA	-10,623604	-0,053	0,308
CHR8	7331560	CHR8:7331560	SSF x LoA	-10,1723564	-0,151	0,288
CHR8	7331575	CHR8:7331575	SSF x LoA	-5,96411522	-0,017	0,309
CHR8	735976	CHR8:735976	SSF x LoA	-7,6765144	-0,005	0,306
CHR8	736105	CHR8:736105	SSF x LoA	-10,3125882	0,037	0,302
CHR8	736147	CHR8:736147	SSF x LoA	-9,59744403	0,045	0,315
CHR8	7387987	CHR8:7387987	SSF x LoA	-9,13074867	-0,049	0,311
CHR8	7398031	CHR8:7398031	SSF x LoA	-9,2785637	-0,016	0,299
CHR8	7409038	CHR8:7409038	SSF x LoA	-9,63847196	0,054	0,325
CHR8	7440402	CHR8:7440402	SSF x LoA	-10,5847694	0,057	0,317
CHR8	7457067	CHR8:7457067	SSF x LoA	-10,3856503	0,121	0,289
CHR8	7457226	CHR8:7457226	SSF x LoA	-8,85550106	0,000	0,319
CHR8	7457247	CHR8:7457247	SSF x LoA	-10,4560168	0,012	0,328
CHR8	7459269	CHR8:7459269	SSF x LoA	-7,12115216	-0,157	0,307
CHR8	7459303	CHR8:7459303	SSF x LoA	-10,7400547	-0,028	0,317
CHR8	7459342	CHR8:7459342	SSF x LoA	-8,13815543	0,069	0,316
CHR8	7470429	CHR8:7470429	SSF x LoA	-10,9791112	-0,022	0,313
CHR8	7470511	CHR8:7470511	SSF x LoA	-9,21392655	0,047	0,302
CHR8	7473760	CHR8:7473760	SSF x LoA	-7,84486296	0,067	0,318
CHR8	7473820	CHR8:7473820	SSF x LoA	-9,25608774	0,009	0,297
CHR8	7473831	CHR8:7473831	SSF x LoA	-11,4573719	-0,020	0,287
CHR8	7473864	CHR8:7473864	SSF x LoA	-10,8531845	-0,034	0,311

CHR8	7473983	CHR8:7473983	SSF x LoA	-11,7694069	0,034	0,307
CHR8	7481727	CHR8:7481727	SSF x LoA	-8,27632606	-0,099	0,322
CHR8	7481740	CHR8:7481740	SSF x LoA	-9,91225293	0,001	0,301
CHR8	7481759	CHR8:7481759	SSF x LoA	-8,03330343	0,078	0,318
CHR8	7487355	CHR8:7487355	SSF x LoA	-10,1022874	0,014	0,321
CHR8	7487365	CHR8:7487365	SSF x LoA	-8,48182808	-0,029	0,311
CHR8	7487408	CHR8:7487408	SSF x LoA	-8,36275682	0,025	0,300
CHR8	7487438	CHR8:7487438	SSF x LoA	-10,4375664	-0,044	0,316
CHR8	7487448	CHR8:7487448	SSF x LoA	-9,87953623	-0,012	0,284
CHR8	7487455	CHR8:7487455	SSF x LoA	-6,51771873	-0,021	0,305
CHR8	7487460	CHR8:7487460	SSF x LoA	-8,74944634	0,023	0,303
CHR8	7487463	CHR8:7487463	SSF x LoA	-7,89075548	-0,056	0,314
CHR8	7487548	CHR8:7487548	SSF x LoA	-7,89872843	-0,088	0,295
CHR8	7487566	CHR8:7487566	SSF x LoA	-10,8037385	0,025	0,298
CHR8	7494348	CHR8:7494348	SSF x LoA	-9,17041782	-0,079	0,282
CHR8	7494473	CHR8:7494473	SSF x LoA	-9,78748831	-0,027	0,305
CHR8	7494557	CHR8:7494557	SSF x LoA	-10,3650814	0,018	0,295
CHR8	7502421	CHR8:7502421	SSF x LoA	-8,55455782	-0,047	0,315
CHR8	7502522	CHR8:7502522	SSF x LoA	-11,7330297	-0,079	0,301
CHR8	7502544	CHR8:7502544	SSF x LoA	-10,2086002	0,118	0,306
CHR8	7502555	CHR8:7502555	SSF x LoA	-7,78221106	-0,039	0,303
CHR8	750473	CHR8:750473	SSF x LoA	-9,77560516	0,005	0,312
CHR8	7511045	CHR8:7511045	SSF x LoA	-8,91764877	0,023	0,300
CHR8	7511093	CHR8:7511093	SSF x LoA	-4,44908788	0,026	0,293
CHR8	7511095	CHR8:7511095	SSF x LoA	-11,4873605	-0,013	0,320
CHR8	7511173	CHR8:7511173	SSF x LoA	-10,4989983	0,110	0,285
CHR8	7519670	CHR8:7519670	SSF x LoA	-6,23190103	0,147	0,300
CHR8	7524878	CHR8:7524878	SSF x LoA	-9,48262707	-0,073	0,299
CHR8	7524944	CHR8:7524944	SSF x LoA	-9,40230536	0,038	0,301
CHR8	7524983	CHR8:7524983	SSF x LoA	-11,0662602	0,064	0,312
CHR8	7525105	CHR8:7525105	SSF x LoA	-7,06008281	0,111	0,303
CHR8	7525124	CHR8:7525124	SSF x LoA	-8,87416002	-0,090	0,307
CHR8	7527754	CHR8:7527754	SSF x LoA	-7,23255687	0,125	0,301
CHR8	7527756	CHR8:7527756	SSF x LoA	-7,36753802	0,163	0,301
CHR8	7527830	CHR8:7527830	SSF x LoA	-5,26719249	-0,159	0,315
CHR8	7529046	CHR8:7529046	SSF x LoA	-7,88109863	0,071	0,304
CHR8	7529118	CHR8:7529118	SSF x LoA	-9,71551074	-0,046	0,302
CHR8	7529162	CHR8:7529162	SSF x LoA	-10,702328	-0,025	0,313
CHR8	7529169	CHR8:7529169	SSF x LoA	-7,95836683	0,154	0,290
CHR8	7529182	CHR8:7529182	SSF x LoA	-8,40785973	-0,039	0,320
CHR8	7529197	CHR8:7529197	SSF x LoA	-9,22846112	-0,002	0,297
CHR8	7529202	CHR8:7529202	SSF x LoA	-10,4929887	-0,119	0,301
CHR8	7545659	CHR8:7545659	SSF x LoA	-9,83837532	-0,013	0,295
CHR8	7545724	CHR8:7545724	SSF x LoA	-4,95792188	-0,176	0,294
CHR8	7545800	CHR8:7545800	SSF x LoA	-11,4790085	-0,006	0,309
CHR8	7549975	CHR8:7549975	SSF x LoA	-10,5169462	-0,077	0,309
CHR8	7550007	CHR8:7550007	SSF x LoA	-8,48712423	-0,024	0,312
CHR8	7550167	CHR8:7550167	SSF x LoA	-10,0963712	0,068	0,305
CHR8	7550207	CHR8:7550207	SSF x LoA	-10,8691822	0,005	0,305
CHR8	7560556	CHR8:7560556	SSF x LoA	-11,2645692	-0,006	0,305
CHR8	7560567	CHR8:7560567	SSF x LoA	-11,3116733	-0,036	0,296
CHR8	7561740	CHR8:7561740	SSF x LoA	-9,91200884	-0,025	0,310
CHR8	7561786	CHR8:7561786	SSF x LoA	-8,87783306	0,038	0,310

CHR8	7561791	CHR8:7561791	SSF x LoA	-9,45936069	0,017	0,307
CHR8	757321	CHR8:757321	SSF x LoA	-7,90155148	-0,004	0,317
CHR8	7574867	CHR8:7574867	SSF x LoA	-9,53716278	0,028	0,296
CHR8	7574903	CHR8:7574903	SSF x LoA	-9,43709509	-0,078	0,303
CHR8	7575762	CHR8:7575762	SSF x LoA	-10,5501314	0,051	0,302
CHR8	7578885	CHR8:7578885	SSF x LoA	-9,97932688	0,110	0,300
CHR8	7578968	CHR8:7578968	SSF x LoA	-10,9474751	0,042	0,308
CHR8	7594185	CHR8:7594185	SSF x LoA	-8,50771747	0,071	0,314
CHR8	7627774	CHR8:7627774	SSF x LoA	-8,78493367	0,132	0,301
CHR8	7627780	CHR8:7627780	SSF x LoA	-10,9946336	0,045	0,301
CHR8	7627782	CHR8:7627782	SSF x LoA	-10,6757112	0,063	0,310
CHR8	7627842	CHR8:7627842	SSF x LoA	-8,37633291	0,036	0,316
CHR8	7634353	CHR8:7634353	SSF x LoA	-8,31174704	-0,033	0,310
CHR8	7634359	CHR8:7634359	SSF x LoA	-6,45126986	0,014	0,308
CHR8	7634374	CHR8:7634374	SSF x LoA	-8,9864359	0,006	0,311
CHR8	7646907	CHR8:7646907	SSF x LoA	-8,14699481	0,130	0,302
CHR8	7646913	CHR8:7646913	SSF x LoA	-7,04431622	-0,097	0,315
CHR8	7646964	CHR8:7646964	SSF x LoA	-9,12867173	0,003	0,316
CHR8	7647050	CHR8:7647050	SSF x LoA	-7,43675237	0,079	0,306
CHR8	7656153	CHR8:7656153	SSF x LoA	-9,76008836	0,052	0,311
CHR8	7656164	CHR8:7656164	SSF x LoA	3,87916405	0,047	0,311
CHR8	7656189	CHR8:7656189	SSF x LoA	-9,36805738	0,038	0,306
CHR8	7656192	CHR8:7656192	SSF x LoA	-9,27956621	-0,007	0,302
CHR8	7656221	CHR8:7656221	SSF x LoA	-10,4696238	0,055	0,305
CHR8	7656230	CHR8:7656230	SSF x LoA	-10,1486071	0,011	0,308
CHR8	7656234	CHR8:7656234	SSF x LoA	-6,25808648	-0,103	0,303
CHR8	7656236	CHR8:7656236	SSF x LoA	-8,65860598	0,009	0,302
CHR8	7656290	CHR8:7656290	SSF x LoA	-10,3311108	-0,031	0,315
CHR8	7656331	CHR8:7656331	SSF x LoA	-6,06856656	0,162	0,300
CHR8	7656342	CHR8:7656342	SSF x LoA	-7,32011082	-0,147	0,304
CHR8	7656355	CHR8:7656355	SSF x LoA	-9,16181287	0,001	0,295
CHR8	7656378	CHR8:7656378	SSF x LoA	-5,2399512	0,181	0,299
CHR8	7656386	CHR8:7656386	SSF x LoA	-11,1922241	0,025	0,305
CHR8	7667872	CHR8:7667872	SSF x LoA	-8,84750239	-0,021	0,303
CHR8	7675296	CHR8:7675296	SSF x LoA	-12,0152736	-0,044	0,301
CHR8	7675342	CHR8:7675342	SSF x LoA	-6,03680101	-0,084	0,300
CHR8	7675354	CHR8:7675354	SSF x LoA	-7,7516182	-0,051	0,306
CHR8	7675381	CHR8:7675381	SSF x LoA	-11,0266372	0,021	0,311
CHR8	7675474	CHR8:7675474	SSF x LoA	-8,81759625	-0,039	0,323
CHR8	7675476	CHR8:7675476	SSF x LoA	-8,99987767	-0,026	0,303
CHR8	7675497	CHR8:7675497	SSF x LoA	-8,5246242	0,091	0,294
CHR8	7675498	CHR8:7675498	SSF x LoA	-9,1816125	-0,017	0,296
CHR8	7675512	CHR8:7675512	SSF x LoA	-10,4908495	0,038	0,312
CHR8	7675532	CHR8:7675532	SSF x LoA	-9,91830662	-0,012	0,307
CHR8	7701312	CHR8:7701312	SSF x LoA	-3,15478396	0,051	0,318
CHR8	7701484	CHR8:7701484	SSF x LoA	-11,074747	0,067	0,308
CHR8	7701527	CHR8:7701527	SSF x LoA	-11,6587967	-0,036	0,297
CHR8	7701528	CHR8:7701528	SSF x LoA	-8,3012072	0,048	0,306
CHR8	7701538	CHR8:7701538	SSF x LoA	-7,01535194	0,093	0,305
CHR8	7701547	CHR8:7701547	SSF x LoA	-11,0380401	0,050	0,308
CHR8	7701550	CHR8:7701550	SSF x LoA	-11,2303136	-0,007	0,312
CHR8	7701554	CHR8:7701554	SSF x LoA	-5,8178651	-0,128	0,287
CHR8	7701579	CHR8:7701579	SSF x LoA	-7,64252769	0,087	0,306

CHR8	7701581	CHR8:7701581	SSF x LoA	-11,0390331	0,014	0,299
CHR8	7701591	CHR8:7701591	SSF x LoA	-9,77033423	0,146	0,313
CHR8	7701622	CHR8:7701622	SSF x LoA	-10,0711999	-0,028	0,304
CHR8	7709807	CHR8:7709807	SSF x LoA	-8,44055321	-0,073	0,301
CHR8	7709895	CHR8:7709895	SSF x LoA	-7,16539323	0,094	0,305
CHR8	7709906	CHR8:7709906	SSF x LoA	-8,81809213	-0,144	0,290
CHR8	7709925	CHR8:7709925	SSF x LoA	-11,2719592	0,012	0,309
CHR8	7709945	CHR8:7709945	SSF x LoA	-9,95210343	0,024	0,297
CHR8	7709954	CHR8:7709954	SSF x LoA	-8,03821344	-0,008	0,303
CHR8	7709961	CHR8:7709961	SSF x LoA	-11,0760345	-0,066	0,305
CHR8	7709986	CHR8:7709986	SSF x LoA	-8,79670925	0,087	0,309
CHR8	7710007	CHR8:7710007	SSF x LoA	-10,3965838	-0,009	0,318
CHR8	7713932	CHR8:7713932	SSF x LoA	-9,40258082	-0,099	0,296
CHR8	7713970	CHR8:7713970	SSF x LoA	-6,6965377	-0,120	0,293
CHR8	7719440	CHR8:7719440	SSF x LoA	-11,4040444	0,087	0,297
CHR8	7719454	CHR8:7719454	SSF x LoA	-9,34949249	-0,058	0,313
CHR8	7719587	CHR8:7719587	SSF x LoA	-10,8797368	-0,016	0,317
CHR8	7731088	CHR8:7731088	SSF x LoA	-7,97615264	-0,007	0,327
CHR8	7731316	CHR8:7731316	SSF x LoA	-10,9634908	0,001	0,307
CHR8	7736709	CHR8:7736709	SSF x LoA	-7,29429366	0,148	0,291
CHR8	7736712	CHR8:7736712	SSF x LoA	-7,74589358	-0,058	0,317
CHR8	7736772	CHR8:7736772	SSF x LoA	-2,3314829	-0,160	0,303
CHR8	7736791	CHR8:7736791	SSF x LoA	-6,46438061	-0,205	0,291
CHR8	7736815	CHR8:7736815	SSF x LoA	-8,85925912	0,042	0,314
CHR8	7736931	CHR8:7736931	SSF x LoA	-11,8170823	-0,001	0,308
CHR8	7745719	CHR8:7745719	SSF x LoA	-5,83820348	0,156	0,295
CHR8	7745730	CHR8:7745730	SSF x LoA	-9,74056686	0,052	0,317
CHR8	7745751	CHR8:7745751	SSF x LoA	-8,23457379	-0,048	0,311
CHR8	7745757	CHR8:7745757	SSF x LoA	-7,59554824	0,067	0,319
CHR8	7745765	CHR8:7745765	SSF x LoA	-9,74721673	0,021	0,306
CHR8	7745839	CHR8:7745839	SSF x LoA	-4,66656018	0,088	0,310
CHR8	775475	CHR8:775475	SSF x LoA	-10,4439203	-0,017	0,309
CHR8	7756200	CHR8:7756200	SSF x LoA	-9,60343465	-0,018	0,301
CHR8	7756202	CHR8:7756202	SSF x LoA	-10,2187441	0,012	0,298
CHR8	7756205	CHR8:7756205	SSF x LoA	-12,2294049	0,010	0,289
CHR8	7756209	CHR8:7756209	SSF x LoA	-10,3853537	-0,002	0,298
CHR8	7756227	CHR8:7756227	SSF x LoA	-11,1304909	-0,010	0,296
CHR8	7756275	CHR8:7756275	SSF x LoA	-11,9086122	-0,039	0,308
CHR8	7757964	CHR8:7757964	SSF x LoA	-11,3760611	0,104	0,296
CHR8	7761560	CHR8:7761560	SSF x LoA	-7,86284091	-0,100	0,299
CHR8	7761616	CHR8:7761616	SSF x LoA	-11,4439824	-0,006	0,315
CHR8	7761620	CHR8:7761620	SSF x LoA	-7,31971662	-0,029	0,317
CHR8	7761623	CHR8:7761623	SSF x LoA	-9,12149889	-0,076	0,303
CHR8	7761707	CHR8:7761707	SSF x LoA	-9,09591756	0,093	0,297
CHR8	7761715	CHR8:7761715	SSF x LoA	-10,8576985	-0,051	0,316
CHR8	7768701	CHR8:7768701	SSF x LoA	-11,090475	0,036	0,302
CHR8	777317	CHR8:777317	SSF x LoA	-10,8714073	0,098	0,302
CHR8	777454	CHR8:777454	SSF x LoA	-8,76862587	0,065	0,295
CHR8	777462	CHR8:777462	SSF x LoA	-10,1569955	-0,027	0,302
CHR8	777522	CHR8:777522	SSF x LoA	-7,33256216	0,042	0,305
CHR8	7775793	CHR8:7775793	SSF x LoA	-11,6668291	-0,009	0,294
CHR8	7776011	CHR8:7776011	SSF x LoA	-12,1853518	0,017	0,299
CHR8	7776016	CHR8:7776016	SSF x LoA	-10,1791399	0,068	0,311

CHR8	7776028	CHR8:7776028	SSF x LoA	-1,9354516	0,122	0,300
CHR8	7782305	CHR8:7782305	SSF x LoA	-8,62607533	0,043	0,316
CHR8	7782425	CHR8:7782425	SSF x LoA	-10,3877126	0,018	0,317
CHR8	7782439	CHR8:7782439	SSF x LoA	-9,71829252	-0,014	0,310
CHR8	7782455	CHR8:7782455	SSF x LoA	-10,8073647	0,061	0,314
CHR8	7782520	CHR8:7782520	SSF x LoA	-7,74422231	0,045	0,308
CHR8	7793475	CHR8:7793475	SSF x LoA	-5,60098465	-0,067	0,312
CHR8	7793553	CHR8:7793553	SSF x LoA	-10,2104353	-0,036	0,295
CHR8	7793621	CHR8:7793621	SSF x LoA	-12,2047464	0,012	0,304
CHR8	7793661	CHR8:7793661	SSF x LoA	-9,48105962	0,041	0,305
CHR8	7793708	CHR8:7793708	SSF x LoA	-9,98989003	0,010	0,307
CHR8	7793715	CHR8:7793715	SSF x LoA	-8,96191116	0,022	0,298
CHR8	7797522	CHR8:7797522	SSF x LoA	-8,67516675	0,004	0,310
CHR8	7797523	CHR8:7797523	SSF x LoA	-9,51438238	-0,059	0,307
CHR8	779960	CHR8:779960	SSF x LoA	-10,7730017	-0,031	0,304
CHR8	779966	CHR8:779966	SSF x LoA	-7,4002158	0,155	0,276
CHR8	7808399	CHR8:7808399	SSF x LoA	-8,63938685	0,003	0,311
CHR8	7808426	CHR8:7808426	SSF x LoA	-9,42956533	-0,047	0,315
CHR8	7808500	CHR8:7808500	SSF x LoA	-6,43223227	0,017	0,302
CHR8	7808501	CHR8:7808501	SSF x LoA	-7,64359048	0,013	0,313
CHR8	7808502	CHR8:7808502	SSF x LoA	-9,89719692	-0,111	0,312
CHR8	7808570	CHR8:7808570	SSF x LoA	-9,41434684	0,113	0,298
CHR8	7808598	CHR8:7808598	SSF x LoA	-10,3585742	-0,073	0,322
CHR8	7808599	CHR8:7808599	SSF x LoA	-9,45611751	0,117	0,311
CHR8	7808610	CHR8:7808610	SSF x LoA	-4,04527058	-0,213	0,296
CHR8	7808613	CHR8:7808613	SSF x LoA	-10,5800268	-0,058	0,309
CHR8	7808663	CHR8:7808663	SSF x LoA	-10,1990244	-0,066	0,315
CHR8	7813807	CHR8:7813807	SSF x LoA	-9,52557436	-0,057	0,305
CHR8	7813849	CHR8:7813849	SSF x LoA	-10,762308	-0,032	0,308
CHR8	7813886	CHR8:7813886	SSF x LoA	-7,86002691	-0,108	0,291
CHR8	7813888	CHR8:7813888	SSF x LoA	-7,09222976	-0,058	0,288
CHR8	7813918	CHR8:7813918	SSF x LoA	-8,73911316	0,098	0,301
CHR8	7813936	CHR8:7813936	SSF x LoA	-8,36762883	-0,020	0,298
CHR8	7814042	CHR8:7814042	SSF x LoA	-10,8161317	0,083	0,295
CHR8	7828807	CHR8:7828807	SSF x LoA	-0,93504219	0,141	0,297
CHR8	7828879	CHR8:7828879	SSF x LoA	-10,548332	-0,093	0,312
CHR8	7839246	CHR8:7839246	SSF x LoA	-9,6570021	0,011	0,296
CHR8	7839324	CHR8:7839324	SSF x LoA	-10,021748	0,021	0,300
CHR8	7839354	CHR8:7839354	SSF x LoA	-11,0744874	0,027	0,305
CHR8	7843377	CHR8:7843377	SSF x LoA	-8,2353937	0,029	0,318
CHR8	7843402	CHR8:7843402	SSF x LoA	-9,2129025	0,004	0,317
CHR8	7843408	CHR8:7843408	SSF x LoA	-8,47991361	-0,029	0,310
CHR8	7856298	CHR8:7856298	SSF x LoA	-8,09640079	0,040	0,297
CHR8	7856372	CHR8:7856372	SSF x LoA	-10,2066854	-0,065	0,299
CHR8	7856403	CHR8:7856403	SSF x LoA	-11,4097063	-0,091	0,298
CHR8	7860201	CHR8:7860201	SSF x LoA	-8,77189421	-0,077	0,308
CHR8	7860212	CHR8:7860212	SSF x LoA	-9,01886509	-0,190	0,292
CHR8	7860258	CHR8:7860258	SSF x LoA	-7,56826355	-0,091	0,317
CHR8	7875226	CHR8:7875226	SSF x LoA	-8,41003135	0,067	0,309
CHR8	7875304	CHR8:7875304	SSF x LoA	-7,50529884	0,020	0,314
CHR8	7875374	CHR8:7875374	SSF x LoA	-12,281744	-0,165	0,299
CHR8	7875385	CHR8:7875385	SSF x LoA	-4,43815321	-0,151	0,304
CHR8	7879365	CHR8:7879365	SSF x LoA	-10,8663714	0,056	0,311

CHR8	7881237	CHR8:7881237	SSF x LoA	-11,2327821	0,005	0,306
CHR8	7881994	CHR8:7881994	SSF x LoA	-8,71524016	0,005	0,324
CHR8	7882956	CHR8:7882956	SSF x LoA	-9,12669368	-0,006	0,322
CHR8	7883049	CHR8:7883049	SSF x LoA	-8,80232916	-0,144	0,284
CHR8	7890116	CHR8:7890116	SSF x LoA	-10,336706	-0,052	0,316
CHR8	7890140	CHR8:7890140	SSF x LoA	-8,76894674	0,061	0,315
CHR8	7890160	CHR8:7890160	SSF x LoA	-3,3913919	-0,133	0,304
CHR8	7890209	CHR8:7890209	SSF x LoA	-9,71467123	-0,013	0,315
CHR8	7890227	CHR8:7890227	SSF x LoA	-11,8233028	0,016	0,308
CHR8	7890237	CHR8:7890237	SSF x LoA	-4,34258142	0,010	0,297
CHR8	7890280	CHR8:7890280	SSF x LoA	-7,4397393	-0,165	0,293
CHR8	7890311	CHR8:7890311	SSF x LoA	-9,22687291	-0,021	0,318
CHR8	7890328	CHR8:7890328	SSF x LoA	-10,3933028	0,010	0,314
CHR8	7893474	CHR8:7893474	SSF x LoA	-8,86608361	-0,071	0,317
CHR8	7893484	CHR8:7893484	SSF x LoA	-5,07180295	-0,061	0,304
CHR8	7893514	CHR8:7893514	SSF x LoA	-8,56288751	0,011	0,310
CHR8	7893547	CHR8:7893547	SSF x LoA	-7,42223806	0,127	0,309
CHR8	7893548	CHR8:7893548	SSF x LoA	-10,0641636	-0,035	0,319
CHR8	7899573	CHR8:7899573	SSF x LoA	-11,1482066	-0,034	0,306
CHR8	7899574	CHR8:7899574	SSF x LoA	-7,07706272	-0,167	0,287
CHR8	7899644	CHR8:7899644	SSF x LoA	-9,59181667	0,068	0,300
CHR8	7899666	CHR8:7899666	SSF x LoA	-7,26171962	-0,133	0,293
CHR8	7902716	CHR8:7902716	SSF x LoA	-8,56337433	-0,061	0,302
CHR8	7902799	CHR8:7902799	SSF x LoA	-10,3612898	0,029	0,307
CHR8	7906611	CHR8:7906611	SSF x LoA	-9,88046725	0,122	0,290
CHR8	7906661	CHR8:7906661	SSF x LoA	-8,70011253	-0,157	0,304
CHR8	7906802	CHR8:7906802	SSF x LoA	-10,1842337	-0,009	0,315
CHR8	7914153	CHR8:7914153	SSF x LoA	-8,76227922	0,049	0,310
CHR8	7914174	CHR8:7914174	SSF x LoA	-9,1832846	0,040	0,308
CHR8	7914274	CHR8:7914274	SSF x LoA	-9,96832885	-0,013	0,321
CHR8	7914356	CHR8:7914356	SSF x LoA	-10,3680163	0,001	0,301
CHR8	7914366	CHR8:7914366	SSF x LoA	-10,6727075	0,034	0,310
CHR8	7917499	CHR8:7917499	SSF x LoA	-7,96889576	0,160	0,293
CHR8	7917659	CHR8:7917659	SSF x LoA	-8,97860884	0,061	0,303
CHR8	7921644	CHR8:7921644	SSF x LoA	-11,5360322	-0,042	0,312
CHR8	7921651	CHR8:7921651	SSF x LoA	-9,71538587	-0,011	0,311
CHR8	7921678	CHR8:7921678	SSF x LoA	-8,75476292	0,158	0,299
CHR8	7921715	CHR8:7921715	SSF x LoA	-9,86836638	-0,106	0,295
CHR8	7930339	CHR8:7930339	SSF x LoA	-9,00785818	0,016	0,305
CHR8	7931434	CHR8:7931434	SSF x LoA	-9,05266749	0,017	0,297
CHR8	7931498	CHR8:7931498	SSF x LoA	-2,90016815	-0,156	0,305
CHR8	7931597	CHR8:7931597	SSF x LoA	-9,47542394	-0,133	0,302
CHR8	7931605	CHR8:7931605	SSF x LoA	-8,92756676	-0,060	0,295
CHR8	7935731	CHR8:7935731	SSF x LoA	-10,1080215	-0,032	0,306
CHR8	7935734	CHR8:7935734	SSF x LoA	-10,0624864	-0,081	0,315
CHR8	7935791	CHR8:7935791	SSF x LoA	-9,43787029	-0,050	0,306
CHR8	79369	CHR8:79369	SSF x LoA	-2,21058243	0,142	0,312
CHR8	7939116	CHR8:7939116	SSF x LoA	-7,50807991	-0,184	0,306
CHR8	7939129	CHR8:7939129	SSF x LoA	-6,2483098	-0,197	0,301
CHR8	7939198	CHR8:7939198	SSF x LoA	-11,9343808	0,054	0,303
CHR8	7940982	CHR8:7940982	SSF x LoA	-8,25150536	0,056	0,297
CHR8	7941074	CHR8:7941074	SSF x LoA	-6,07934507	-0,045	0,309
CHR8	7949139	CHR8:7949139	SSF x LoA	-9,68281896	0,058	0,286

CHR8	7963224	CHR8:7963224	SSF x LoA	-9,48311481	0,040	0,300
CHR8	797028	CHR8:797028	SSF x LoA	-10,3351805	-0,012	0,305
CHR8	8001255	CHR8:8001255	SSF x LoA	-7,65545671	-0,049	0,310
CHR8	8002919	CHR8:8002919	SSF x LoA	-7,64392767	0,156	0,297
CHR8	8003034	CHR8:8003034	SSF x LoA	-8,2414587	0,031	0,301
CHR8	8023477	CHR8:8023477	SSF x LoA	-7,90622564	-0,068	0,306
CHR8	8023479	CHR8:8023479	SSF x LoA	-9,56714365	-0,102	0,295
CHR8	8023546	CHR8:8023546	SSF x LoA	-10,864861	0,012	0,320
CHR8	8023607	CHR8:8023607	SSF x LoA	-8,57567752	-0,139	0,295
CHR8	8023629	CHR8:8023629	SSF x LoA	-9,70276112	-0,047	0,303
CHR8	8025414	CHR8:8025414	SSF x LoA	-8,59498777	0,064	0,307
CHR8	803964	CHR8:803964	SSF x LoA	-6,51104557	-0,055	0,308
CHR8	804149	CHR8:804149	SSF x LoA	-9,24570444	-0,109	0,290
CHR8	804153	CHR8:804153	SSF x LoA	-9,13018023	-0,049	0,304
CHR8	8046917	CHR8:8046917	SSF x LoA	-7,32077872	0,106	0,299
CHR8	8046926	CHR8:8046926	SSF x LoA	-7,40155319	-0,116	0,308
CHR8	8046963	CHR8:8046963	SSF x LoA	-6,98184382	-0,011	0,319
CHR8	8047092	CHR8:8047092	SSF x LoA	-10,381876	0,030	0,290
CHR8	8047156	CHR8:8047156	SSF x LoA	-8,79589201	0,032	0,317
CHR8	8047157	CHR8:8047157	SSF x LoA	-9,31100535	-0,055	0,310
CHR8	8047223	CHR8:8047223	SSF x LoA	-9,0021866	-0,009	0,302
CHR8	8054758	CHR8:8054758	SSF x LoA	-5,82602921	-0,041	0,308
CHR8	8064709	CHR8:8064709	SSF x LoA	-7,56458455	0,057	0,293
CHR8	8064755	CHR8:8064755	SSF x LoA	-9,04288668	0,110	0,306
CHR8	8064776	CHR8:8064776	SSF x LoA	-4,543234	0,187	0,304
CHR8	8064803	CHR8:8064803	SSF x LoA	-7,525457	0,166	0,285
CHR8	8064836	CHR8:8064836	SSF x LoA	-7,72514483	-0,094	0,303
CHR8	806685	CHR8:806685	SSF x LoA	-8,19849361	-0,131	0,301
CHR8	8068170	CHR8:8068170	SSF x LoA	-11,884863	0,017	0,315
CHR8	8069181	CHR8:8069181	SSF x LoA	-9,57174805	-0,057	0,298
CHR8	8069222	CHR8:8069222	SSF x LoA	-8,02805542	-0,083	0,301
CHR8	8069272	CHR8:8069272	SSF x LoA	-11,3182674	-0,051	0,295
CHR8	8076193	CHR8:8076193	SSF x LoA	-10,6568949	0,042	0,308
CHR8	8093632	CHR8:8093632	SSF x LoA	-9,99638329	0,040	0,315
CHR8	8093676	CHR8:8093676	SSF x LoA	-11,1674684	0,117	0,295
CHR8	8097524	CHR8:8097524	SSF x LoA	-8,43154386	0,005	0,307
CHR8	8097569	CHR8:8097569	SSF x LoA	-10,6615135	-0,002	0,310
CHR8	8098233	CHR8:8098233	SSF x LoA	-9,96583476	0,091	0,299
CHR8	8104172	CHR8:8104172	SSF x LoA	-8,47857221	0,023	0,308
CHR8	8106642	CHR8:8106642	SSF x LoA	-8,1424025	-0,010	0,291
CHR8	8111127	CHR8:8111127	SSF x LoA	-9,44771182	0,002	0,307
CHR8	8111147	CHR8:8111147	SSF x LoA	-8,30330139	-0,022	0,312
CHR8	8111172	CHR8:8111172	SSF x LoA	-10,534597	0,000	0,317
CHR8	8111189	CHR8:8111189	SSF x LoA	-8,96184706	-0,064	0,300
CHR8	8115111	CHR8:8115111	SSF x LoA	-10,7895647	-0,006	0,304
CHR8	8115140	CHR8:8115140	SSF x LoA	-10,9635382	-0,013	0,294
CHR8	8115147	CHR8:8115147	SSF x LoA	-9,28690398	-0,064	0,297
CHR8	8115169	CHR8:8115169	SSF x LoA	-7,58872723	0,031	0,306
CHR8	8115179	CHR8:8115179	SSF x LoA	-10,0820566	0,070	0,296
CHR8	8115298	CHR8:8115298	SSF x LoA	-11,7769709	0,020	0,303
CHR8	8115305	CHR8:8115305	SSF x LoA	-6,25811454	-0,162	0,298
CHR8	8115309	CHR8:8115309	SSF x LoA	-8,16612043	-0,054	0,289
CHR8	8120284	CHR8:8120284	SSF x LoA	-8,3216655	-0,134	0,300

CHR8	8120333	CHR8:8120333	SSF x LoA	-9,18164195	-0,089	0,303
CHR8	8120398	CHR8:8120398	SSF x LoA	-11,4290095	0,011	0,320
CHR8	8120408	CHR8:8120408	SSF x LoA	-7,10011144	0,085	0,304
CHR8	8120422	CHR8:8120422	SSF x LoA	-6,99467944	0,133	0,309
CHR8	8120452	CHR8:8120452	SSF x LoA	-7,47829198	0,128	0,311
CHR8	8120457	CHR8:8120457	SSF x LoA	-8,68904993	-0,069	0,305
CHR8	8120476	CHR8:8120476	SSF x LoA	-11,3206381	0,009	0,288
CHR8	8120574	CHR8:8120574	SSF x LoA	-10,6106153	-0,054	0,307
CHR8	8120600	CHR8:8120600	SSF x LoA	-7,15581642	-0,070	0,310
CHR8	8131836	CHR8:8131836	SSF x LoA	-9,35757772	-0,012	0,295
CHR8	8131888	CHR8:8131888	SSF x LoA	-3,50833278	-0,189	0,308
CHR8	8131970	CHR8:8131970	SSF x LoA	-7,42975237	-0,143	0,302
CHR8	8132002	CHR8:8132002	SSF x LoA	-9,67742665	0,017	0,315
CHR8	8132003	CHR8:8132003	SSF x LoA	-10,2524355	-0,006	0,300
CHR8	8132009	CHR8:8132009	SSF x LoA	-9,34101324	-0,039	0,317
CHR8	8132047	CHR8:8132047	SSF x LoA	-8,67660037	-0,044	0,298
CHR8	8132053	CHR8:8132053	SSF x LoA	-9,61374496	0,005	0,300
CHR8	81331	CHR8:81331	SSF x LoA	-10,9073555	-0,036	0,311
CHR8	81341	CHR8:81341	SSF x LoA	-5,59432058	-0,123	0,316
CHR8	8134531	CHR8:8134531	SSF x LoA	-8,41405857	0,084	0,303
CHR8	8142225	CHR8:8142225	SSF x LoA	-8,04666284	-0,100	0,300
CHR8	8142248	CHR8:8142248	SSF x LoA	-11,1010885	-0,009	0,322
CHR8	8142272	CHR8:8142272	SSF x LoA	-0,59865668	0,004	0,308
CHR8	8143810	CHR8:8143810	SSF x LoA	-10,809119	-0,030	0,299
CHR8	8143853	CHR8:8143853	SSF x LoA	-9,36918775	0,030	0,309
CHR8	8143873	CHR8:8143873	SSF x LoA	-9,37425569	-0,025	0,309
CHR8	8161895	CHR8:8161895	SSF x LoA	-9,62813389	0,095	0,297
CHR8	8164316	CHR8:8164316	SSF x LoA	-7,30710361	-0,046	0,303
CHR8	8164348	CHR8:8164348	SSF x LoA	-8,10745492	-0,064	0,306
CHR8	8164360	CHR8:8164360	SSF x LoA	-8,64489715	-0,095	0,312
CHR8	8164382	CHR8:8164382	SSF x LoA	-7,55641605	0,167	0,302
CHR8	8164411	CHR8:8164411	SSF x LoA	-9,77489304	0,072	0,294
CHR8	8164418	CHR8:8164418	SSF x LoA	-10,331293	0,086	0,302
CHR8	8189145	CHR8:8189145	SSF x LoA	-7,02143086	-0,084	0,288
CHR8	8189168	CHR8:8189168	SSF x LoA	-8,95282146	0,061	0,297
CHR8	8189181	CHR8:8189181	SSF x LoA	-10,5248396	0,105	0,299
CHR8	8190199	CHR8:8190199	SSF x LoA	-10,7046585	-0,044	0,313
CHR8	8190271	CHR8:8190271	SSF x LoA	-10,2206725	0,000	0,309
CHR8	8190572	CHR8:8190572	SSF x LoA	-10,7081749	-0,020	0,296
CHR8	8204401	CHR8:8204401	SSF x LoA	-10,3702673	0,001	0,302
CHR8	8204409	CHR8:8204409	SSF x LoA	-8,45941206	0,038	0,286
CHR8	8221454	CHR8:8221454	SSF x LoA	-11,2594069	0,000	0,295
CHR8	8248817	CHR8:8248817	SSF x LoA	-9,01112078	0,041	0,310
CHR8	8251643	CHR8:8251643	SSF x LoA	-7,58377202	-0,133	0,310
CHR8	8251672	CHR8:8251672	SSF x LoA	-4,17833841	0,065	0,306
CHR8	8251685	CHR8:8251685	SSF x LoA	-8,47548097	-0,043	0,311
CHR8	8251691	CHR8:8251691	SSF x LoA	-7,71160476	-0,042	0,303
CHR8	8251692	CHR8:8251692	SSF x LoA	-10,7370512	-0,046	0,299
CHR8	8251715	CHR8:8251715	SSF x LoA	-9,16193581	-0,165	0,301
CHR8	8251719	CHR8:8251719	SSF x LoA	-8,1220743	-0,163	0,287
CHR8	8251743	CHR8:8251743	SSF x LoA	-9,49834745	0,138	0,295
CHR8	8251766	CHR8:8251766	SSF x LoA	-8,69284787	0,157	0,296
CHR8	8251776	CHR8:8251776	SSF x LoA	-7,00966081	0,005	0,319

CHR8	8251861	CHR8:8251861	SSF x LoA	-9,58051516	-0,023	0,302
CHR8	8272726	CHR8:8272726	SSF x LoA	-8,48675608	0,066	0,311
CHR8	8277466	CHR8:8277466	SSF x LoA	-8,89775347	0,174	0,300
CHR8	8277579	CHR8:8277579	SSF x LoA	-7,3069178	0,029	0,321
CHR8	8281085	CHR8:8281085	SSF x LoA	-9,74930087	0,142	0,293
CHR8	8281106	CHR8:8281106	SSF x LoA	-10,6843435	-0,038	0,305
CHR8	8281121	CHR8:8281121	SSF x LoA	-6,95567037	-0,106	0,298
CHR8	8281211	CHR8:8281211	SSF x LoA	-8,42480333	0,010	0,309
CHR8	8281273	CHR8:8281273	SSF x LoA	-9,33188441	0,006	0,316
CHR8	8281331	CHR8:8281331	SSF x LoA	-9,70038633	0,032	0,299
CHR8	8281333	CHR8:8281333	SSF x LoA	-10,0511774	0,022	0,313
CHR8	8289904	CHR8:8289904	SSF x LoA	-9,22277089	-0,006	0,296
CHR8	8289914	CHR8:8289914	SSF x LoA	-6,9464631	0,029	0,327
CHR8	8291319	CHR8:8291319	SSF x LoA	-8,22538494	0,051	0,304
CHR8	8297771	CHR8:8297771	SSF x LoA	-9,33139045	0,066	0,310
CHR8	8297801	CHR8:8297801	SSF x LoA	-8,42295879	-0,048	0,308
CHR8	8297809	CHR8:8297809	SSF x LoA	-11,7736423	-0,040	0,300
CHR8	8297811	CHR8:8297811	SSF x LoA	-8,87275515	0,018	0,314
CHR8	8297815	CHR8:8297815	SSF x LoA	-9,22625268	-0,041	0,307
CHR8	8297845	CHR8:8297845	SSF x LoA	-8,47747509	-0,012	0,305
CHR8	8301982	CHR8:8301982	SSF x LoA	-12,0360225	-0,049	0,295
CHR8	8301997	CHR8:8301997	SSF x LoA	-9,47716484	-0,031	0,322
CHR8	8309960	CHR8:8309960	SSF x LoA	-6,60614015	0,193	0,297
CHR8	832193	CHR8:832193	SSF x LoA	-8,29934883	-0,067	0,308
CHR8	832264	CHR8:832264	SSF x LoA	-9,1235325	-0,035	0,315
CHR8	832331	CHR8:832331	SSF x LoA	-8,53725353	-0,026	0,313
CHR8	8335216	CHR8:8335216	SSF x LoA	-7,42581391	-0,100	0,316
CHR8	8335217	CHR8:8335217	SSF x LoA	-8,21923351	-0,018	0,312
CHR8	8335222	CHR8:8335222	SSF x LoA	-8,56632574	0,015	0,309
CHR8	8335243	CHR8:8335243	SSF x LoA	-9,07533884	0,057	0,310
CHR8	8335253	CHR8:8335253	SSF x LoA	-9,11325381	0,009	0,304
CHR8	8335288	CHR8:8335288	SSF x LoA	-7,95133062	0,020	0,308
CHR8	8335304	CHR8:8335304	SSF x LoA	-11,0481702	-0,006	0,310
CHR8	8335392	CHR8:8335392	SSF x LoA	-8,8191391	-0,059	0,315
CHR8	8335451	CHR8:8335451	SSF x LoA	-11,9981005	-0,038	0,295
CHR8	8348204	CHR8:8348204	SSF x LoA	-6,57662445	0,046	0,307
CHR8	8348217	CHR8:8348217	SSF x LoA	-6,47218661	0,050	0,319
CHR8	8348224	CHR8:8348224	SSF x LoA	-8,43720742	0,020	0,315
CHR8	8348299	CHR8:8348299	SSF x LoA	-7,33077246	-0,011	0,305
CHR8	8350689	CHR8:8350689	SSF x LoA	-6,91491616	-0,135	0,307
CHR8	8350707	CHR8:8350707	SSF x LoA	-7,57406934	0,185	0,305
CHR8	8356060	CHR8:8356060	SSF x LoA	-8,20576515	0,013	0,299
CHR8	8356062	CHR8:8356062	SSF x LoA	-9,58697456	0,030	0,316
CHR8	8356066	CHR8:8356066	SSF x LoA	-8,30193537	0,002	0,312
CHR8	8356069	CHR8:8356069	SSF x LoA	-10,5595111	-0,036	0,305
CHR8	8356079	CHR8:8356079	SSF x LoA	-8,86308211	0,005	0,316
CHR8	8356084	CHR8:8356084	SSF x LoA	-10,6177999	0,004	0,299
CHR8	8356093	CHR8:8356093	SSF x LoA	-9,03717362	0,034	0,330
CHR8	8356102	CHR8:8356102	SSF x LoA	-9,08820735	-0,030	0,306
CHR8	8356132	CHR8:8356132	SSF x LoA	-9,59371721	0,007	0,305
CHR8	8362055	CHR8:8362055	SSF x LoA	-8,13085589	0,074	0,312
CHR8	8362074	CHR8:8362074	SSF x LoA	-10,8976941	-0,056	0,307
CHR8	8362102	CHR8:8362102	SSF x LoA	-9,41047488	-0,079	0,312

CHR8	8362151	CHR8:8362151	SSF x LoA	-6,66304646	-0,061	0,306
CHR8	8362186	CHR8:8362186	SSF x LoA	-11,3823201	-0,069	0,298
CHR8	8362229	CHR8:8362229	SSF x LoA	-8,58767464	-0,010	0,308
CHR8	8362305	CHR8:8362305	SSF x LoA	-8,66626335	0,075	0,298
CHR8	8362326	CHR8:8362326	SSF x LoA	-9,94987866	-0,093	0,302
CHR8	8364723	CHR8:8364723	SSF x LoA	-6,02697646	0,007	0,310
CHR8	8364726	CHR8:8364726	SSF x LoA	-9,40480243	-0,029	0,298
CHR8	8364758	CHR8:8364758	SSF x LoA	-9,28527425	0,118	0,297
CHR8	8364793	CHR8:8364793	SSF x LoA	-5,73557594	0,157	0,286
CHR8	8381907	CHR8:8381907	SSF x LoA	-9,82886234	0,041	0,303
CHR8	8381929	CHR8:8381929	SSF x LoA	-10,5721732	-0,025	0,315
CHR8	8384320	CHR8:8384320	SSF x LoA	-7,96632641	0,023	0,322
CHR8	8384335	CHR8:8384335	SSF x LoA	-10,0885848	0,074	0,309
CHR8	8384352	CHR8:8384352	SSF x LoA	-7,6400543	-0,091	0,315
CHR8	8384354	CHR8:8384354	SSF x LoA	-8,20151577	0,002	0,311
CHR8	8384423	CHR8:8384423	SSF x LoA	-8,13203056	-0,030	0,305
CHR8	8418674	CHR8:8418674	SSF x LoA	-3,81486598	0,102	0,285
CHR8	8418709	CHR8:8418709	SSF x LoA	-9,40742683	0,036	0,311
CHR8	8421310	CHR8:8421310	SSF x LoA	-9,33433881	0,091	0,317
CHR8	8421319	CHR8:8421319	SSF x LoA	-10,6318545	0,016	0,307
CHR8	8421331	CHR8:8421331	SSF x LoA	-5,85714907	-0,134	0,315
CHR8	8423541	CHR8:8423541	SSF x LoA	-7,60089583	-0,017	0,299
CHR8	8423579	CHR8:8423579	SSF x LoA	-8,39028221	0,024	0,316
CHR8	8423601	CHR8:8423601	SSF x LoA	-10,1964929	0,016	0,297
CHR8	8423784	CHR8:8423784	SSF x LoA	-9,34220858	0,039	0,308
CHR8	8430597	CHR8:8430597	SSF x LoA	-10,5250858	-0,009	0,302
CHR8	8430623	CHR8:8430623	SSF x LoA	-11,3679035	0,083	0,294
CHR8	844438	CHR8:844438	SSF x LoA	-11,9103542	-0,061	0,312
CHR8	8452781	CHR8:8452781	SSF x LoA	-10,046908	0,073	0,322
CHR8	8452819	CHR8:8452819	SSF x LoA	-7,4439908	0,132	0,296
CHR8	8452827	CHR8:8452827	SSF x LoA	-10,4209089	0,098	0,309
CHR8	8452832	CHR8:8452832	SSF x LoA	-8,7301317	0,140	0,285
CHR8	8452879	CHR8:8452879	SSF x LoA	-9,70012764	0,090	0,310
CHR8	8452915	CHR8:8452915	SSF x LoA	-9,88633578	0,079	0,305
CHR8	846750	CHR8:846750	SSF x LoA	-8,93051148	-0,051	0,301
CHR8	846810	CHR8:846810	SSF x LoA	-10,8140947	0,027	0,307
CHR8	8468345	CHR8:8468345	SSF x LoA	-10,6298983	-0,034	0,300
CHR8	8468401	CHR8:8468401	SSF x LoA	-10,5510446	0,001	0,306
CHR8	846859	CHR8:846859	SSF x LoA	-8,49304263	0,071	0,298
CHR8	846941	CHR8:846941	SSF x LoA	-9,26549776	-0,037	0,300
CHR8	846946	CHR8:846946	SSF x LoA	-10,04451	-0,132	0,295
CHR8	8485426	CHR8:8485426	SSF x LoA	-9,61816884	-0,054	0,304
CHR8	8485501	CHR8:8485501	SSF x LoA	-9,84928657	0,062	0,311
CHR8	8486903	CHR8:8486903	SSF x LoA	-7,86395064	0,104	0,327
CHR8	8486938	CHR8:8486938	SSF x LoA	-6,80327813	0,124	0,310
CHR8	8486950	CHR8:8486950	SSF x LoA	-7,05331216	0,124	0,303
CHR8	8486987	CHR8:8486987	SSF x LoA	-8,67641556	-0,145	0,300
CHR8	8486995	CHR8:8486995	SSF x LoA	-7,67644267	0,116	0,302
CHR8	8487038	CHR8:8487038	SSF x LoA	-8,46250975	-0,144	0,310
CHR8	8487111	CHR8:8487111	SSF x LoA	-10,0464744	-0,089	0,311
CHR8	8487145	CHR8:8487145	SSF x LoA	-10,7530961	0,044	0,315
CHR8	8500311	CHR8:8500311	SSF x LoA	-9,03207426	-0,135	0,305
CHR8	8500324	CHR8:8500324	SSF x LoA	-6,62792266	0,184	0,302

CHR8	8500326	CHR8:8500326	SSF x LoA	-3,62713266	0,166	0,302
CHR8	8516882	CHR8:8516882	SSF x LoA	-12,5865151	-0,019	0,306
CHR8	8528980	CHR8:8528980	SSF x LoA	-7,19507802	-0,159	0,296
CHR8	8530498	CHR8:8530498	SSF x LoA	-9,42779487	0,128	0,296
CHR8	8530570	CHR8:8530570	SSF x LoA	-8,62144774	-0,010	0,305
CHR8	8530677	CHR8:8530677	SSF x LoA	-8,631212	0,078	0,313
CHR8	8551986	CHR8:8551986	SSF x LoA	-4,99969107	-0,063	0,305
CHR8	8551997	CHR8:8551997	SSF x LoA	-5,0873769	0,012	0,319
CHR8	8552003	CHR8:8552003	SSF x LoA	-9,71292886	0,056	0,302
CHR8	8552024	CHR8:8552024	SSF x LoA	-8,90373115	0,029	0,310
CHR8	8552340	CHR8:8552340	SSF x LoA	-7,424295	0,145	0,314
CHR8	8552364	CHR8:8552364	SSF x LoA	-10,3363495	-0,017	0,305
CHR8	8552387	CHR8:8552387	SSF x LoA	-10,6268148	-0,017	0,317
CHR8	8552443	CHR8:8552443	SSF x LoA	-11,2604538	-0,102	0,299
CHR8	8552460	CHR8:8552460	SSF x LoA	-8,51267094	0,016	0,306
CHR8	8552462	CHR8:8552462	SSF x LoA	-10,4818732	-0,055	0,299
CHR8	8563892	CHR8:8563892	SSF x LoA	-6,84356746	-0,180	0,297
CHR8	8563904	CHR8:8563904	SSF x LoA	-5,71941809	-0,215	0,299
CHR8	8563924	CHR8:8563924	SSF x LoA	-10,4014866	-0,129	0,302
CHR8	8563925	CHR8:8563925	SSF x LoA	-5,16184017	-0,228	0,298
CHR8	8563927	CHR8:8563927	SSF x LoA	-5,02090754	-0,214	0,293
CHR8	8563937	CHR8:8563937	SSF x LoA	-6,05258575	-0,215	0,294
CHR8	8563946	CHR8:8563946	SSF x LoA	-6,13207116	-0,250	0,287
CHR8	8563949	CHR8:8563949	SSF x LoA	-3,42566456	-0,257	0,283
CHR8	8563973	CHR8:8563973	SSF x LoA	-11,8245167	0,067	0,301
CHR8	8571375	CHR8:8571375	SSF x LoA	-11,0597987	-0,092	0,301
CHR8	8571376	CHR8:8571376	SSF x LoA	-10,7084308	-0,082	0,304
CHR8	8571383	CHR8:8571383	SSF x LoA	-7,21532582	-0,125	0,298
CHR8	8571396	CHR8:8571396	SSF x LoA	-8,91960198	0,142	0,291
CHR8	8571418	CHR8:8571418	SSF x LoA	-7,63500525	0,026	0,308
CHR8	8571453	CHR8:8571453	SSF x LoA	-9,31470865	0,073	0,300
CHR8	8571486	CHR8:8571486	SSF x LoA	-8,00655355	-0,028	0,316
CHR8	8571532	CHR8:8571532	SSF x LoA	-9,66730262	0,005	0,306
CHR8	8571539	CHR8:8571539	SSF x LoA	-9,42548165	0,008	0,302
CHR8	8571543	CHR8:8571543	SSF x LoA	-8,96865445	0,029	0,304
CHR8	8571576	CHR8:8571576	SSF x LoA	-8,75016251	0,094	0,301
CHR8	8571617	CHR8:8571617	SSF x LoA	-6,41085376	-0,019	0,302
CHR8	8573865	CHR8:8573865	SSF x LoA	-9,54579576	0,048	0,314
CHR8	8573954	CHR8:8573954	SSF x LoA	-11,0273518	0,031	0,303
CHR8	8574044	CHR8:8574044	SSF x LoA	-8,66900703	-0,066	0,300
CHR8	8575667	CHR8:8575667	SSF x LoA	-11,2683386	0,079	0,300
CHR8	8575831	CHR8:8575831	SSF x LoA	-9,26035893	0,035	0,305
CHR8	857977	CHR8:857977	SSF x LoA	-6,61363889	0,081	0,309
CHR8	858069	CHR8:858069	SSF x LoA	-9,44898108	-0,004	0,315
CHR8	8581545	CHR8:8581545	SSF x LoA	-12,1242188	-0,008	0,295
CHR8	8581564	CHR8:8581564	SSF x LoA	-9,06973466	-0,145	0,299
CHR8	8581589	CHR8:8581589	SSF x LoA	11,5376701	-0,120	0,285
CHR8	8581599	CHR8:8581599	SSF x LoA	-9,24220151	-0,036	0,317
CHR8	8581626	CHR8:8581626	SSF x LoA	-10,6541047	-0,093	0,297
CHR8	8587240	CHR8:8587240	SSF x LoA	-5,80408907	-0,064	0,318
CHR8	8587246	CHR8:8587246	SSF x LoA	-9,46410265	-0,144	0,304
CHR8	8587261	CHR8:8587261	SSF x LoA	-10,1349307	-0,001	0,312
CHR8	8587347	CHR8:8587347	SSF x LoA	-7,43309354	-0,113	0,307

CHR8	8588866	CHR8:8588866	SSF x LoA	-9,32089051	-0,003	0,308
CHR8	8588931	CHR8:8588931	SSF x LoA	-8,40470083	-0,029	0,329
CHR8	8589848	CHR8:8589848	SSF x LoA	-10,6568187	0,042	0,302
CHR8	8589959	CHR8:8589959	SSF x LoA	-9,61693184	0,004	0,314
CHR8	8594911	CHR8:8594911	SSF x LoA	-11,1066774	-0,042	0,299
CHR8	8594982	CHR8:8594982	SSF x LoA	-8,91159673	-0,046	0,299
CHR8	8595203	CHR8:8595203	SSF x LoA	-9,51794259	-0,072	0,312
CHR8	8595215	CHR8:8595215	SSF x LoA	-7,42825799	-0,012	0,313
CHR8	8596651	CHR8:8596651	SSF x LoA	-7,32078776	0,088	0,315
CHR8	859915	CHR8:859915	SSF x LoA	-10,4943505	-0,072	0,312
CHR8	860072	CHR8:860072	SSF x LoA	-8,76132923	-0,025	0,317
CHR8	8606616	CHR8:8606616	SSF x LoA	-11,2260001	0,038	0,309
CHR8	8606674	CHR8:8606674	SSF x LoA	-8,06892979	-0,099	0,309
CHR8	8606678	CHR8:8606678	SSF x LoA	-8,99837875	-0,084	0,306
CHR8	8606733	CHR8:8606733	SSF x LoA	-9,73166303	-0,098	0,308
CHR8	8607872	CHR8:8607872	SSF x LoA	-7,91917438	-0,091	0,297
CHR8	8607938	CHR8:8607938	SSF x LoA	-1,0118075	0,182	0,297
CHR8	8607939	CHR8:8607939	SSF x LoA	-8,35498478	0,117	0,309
CHR8	8607941	CHR8:8607941	SSF x LoA	-11,247842	0,044	0,318
CHR8	8620846	CHR8:8620846	SSF x LoA	-10,9755924	0,025	0,301
CHR8	8620882	CHR8:8620882	SSF x LoA	-10,8984434	0,046	0,303
CHR8	8626583	CHR8:8626583	SSF x LoA	-8,60153445	0,021	0,297
CHR8	8627067	CHR8:8627067	SSF x LoA	-9,29711278	0,141	0,292
CHR8	8627295	CHR8:8627295	SSF x LoA	-10,6791613	-0,055	0,297
CHR8	8644401	CHR8:8644401	SSF x LoA	-7,67473089	-0,168	0,300
CHR8	8644409	CHR8:8644409	SSF x LoA	-4,99471518	-0,174	0,299
CHR8	8644413	CHR8:8644413	SSF x LoA	-6,24966388	-0,176	0,309
CHR8	8644417	CHR8:8644417	SSF x LoA	-5,9834127	-0,149	0,313
CHR8	8645534	CHR8:8645534	SSF x LoA	-5,62657364	-0,051	0,324
CHR8	8645563	CHR8:8645563	SSF x LoA	-10,5269305	-0,077	0,313
CHR8	8645575	CHR8:8645575	SSF x LoA	-9,50566792	0,026	0,312
CHR8	8645595	CHR8:8645595	SSF x LoA	-7,99863815	-0,062	0,313
CHR8	8646198	CHR8:8646198	SSF x LoA	-10,4841735	0,044	0,303
CHR8	8646200	CHR8:8646200	SSF x LoA	-6,33601392	-0,116	0,310
CHR8	8646256	CHR8:8646256	SSF x LoA	-10,1841988	-0,030	0,310
CHR8	8657899	CHR8:8657899	SSF x LoA	-10,0954869	-0,005	0,315
CHR8	8657987	CHR8:8657987	SSF x LoA	-0,76380535	0,050	0,303
CHR8	8657988	CHR8:8657988	SSF x LoA	-9,82520349	-0,064	0,312
CHR8	866782	CHR8:866782	SSF x LoA	-8,45884931	-0,020	0,319
CHR8	8680091	CHR8:8680091	SSF x LoA	-8,41969059	0,232	0,287
CHR8	8680131	CHR8:8680131	SSF x LoA	-0,01535083	0,214	0,292
CHR8	8693173	CHR8:8693173	SSF x LoA	-8,39843654	0,053	0,312
CHR8	8694543	CHR8:8694543	SSF x LoA	-11,5147969	0,027	0,308
CHR8	8694546	CHR8:8694546	SSF x LoA	-5,12662424	-0,110	0,309
CHR8	8694575	CHR8:8694575	SSF x LoA	0,68531074	0,047	0,304
CHR8	8694587	CHR8:8694587	SSF x LoA	-8,85774344	0,108	0,309
CHR8	8694660	CHR8:8694660	SSF x LoA	-8,37200293	-0,022	0,306
CHR8	8694747	CHR8:8694747	SSF x LoA	-8,92569132	-0,017	0,310
CHR8	8695744	CHR8:8695744	SSF x LoA	-7,65045786	0,021	0,311
CHR8	8695754	CHR8:8695754	SSF x LoA	-11,4936736	0,008	0,312
CHR8	870205	CHR8:870205	SSF x LoA	-8,064552	-0,011	0,310
CHR8	870401	CHR8:870401	SSF x LoA	-8,68832017	-0,098	0,305
CHR8	870458	CHR8:870458	SSF x LoA	-11,5693294	0,052	0,299

CHR8	870460	CHR8:870460	SSF x LoA	-7,25689912	-0,032	0,303
CHR8	8719181	CHR8:8719181	SSF x LoA	-8,60077523	0,131	0,304
CHR8	8719271	CHR8:8719271	SSF x LoA	-9,37744415	-0,057	0,315
CHR8	8729464	CHR8:8729464	SSF x LoA	-9,12899749	0,137	0,303
CHR8	8729496	CHR8:8729496	SSF x LoA	-8,20179208	-0,028	0,310
CHR8	8729498	CHR8:8729498	SSF x LoA	-9,61982892	-0,098	0,308
CHR8	8729503	CHR8:8729503	SSF x LoA	-8,89101365	-0,010	0,305
CHR8	8729533	CHR8:8729533	SSF x LoA	-9,52717737	0,056	0,319
CHR8	8729541	CHR8:8729541	SSF x LoA	2,40437501	0,032	0,318
CHR8	873551	CHR8:873551	SSF x LoA	-11,0315301	-0,006	0,295
CHR8	8743417	CHR8:8743417	SSF x LoA	-10,8796283	-0,030	0,307
CHR8	8743579	CHR8:8743579	SSF x LoA	-8,42098792	0,009	0,312
CHR8	8743595	CHR8:8743595	SSF x LoA	-6,64900495	0,209	0,303
CHR8	8743621	CHR8:8743621	SSF x LoA	-9,64341095	0,184	0,290
CHR8	8743632	CHR8:8743632	SSF x LoA	-10,4350013	-0,022	0,306
CHR8	8743658	CHR8:8743658	SSF x LoA	-8,16769881	-0,012	0,308
CHR8	8743663	CHR8:8743663	SSF x LoA	-11,3111225	-0,001	0,311
CHR8	874434	CHR8:874434	SSF x LoA	-7,38086059	-0,136	0,295
CHR8	8757580	CHR8:8757580	SSF x LoA	-10,2425506	0,004	0,313
CHR8	8757611	CHR8:8757611	SSF x LoA	-8,59750942	-0,040	0,315
CHR8	8757626	CHR8:8757626	SSF x LoA	-7,33494603	-0,097	0,305
CHR8	8760704	CHR8:8760704	SSF x LoA	-6,34913443	-0,156	0,303
CHR8	8760792	CHR8:8760792	SSF x LoA	-8,27285948	0,100	0,309
CHR8	876154	CHR8:876154	SSF x LoA	-10,6616777	0,127	0,298
CHR8	876285	CHR8:876285	SSF x LoA	-7,31141716	-0,223	0,291
CHR8	876324	CHR8:876324	SSF x LoA	-10,9064954	-0,090	0,299
CHR8	876351	CHR8:876351	SSF x LoA	-8,94948007	-0,025	0,307
CHR8	8764046	CHR8:8764046	SSF x LoA	-6,27967128	-0,100	0,306
CHR8	8764072	CHR8:8764072	SSF x LoA	-8,31895203	-0,091	0,305
CHR8	8764073	CHR8:8764073	SSF x LoA	-8,71441165	-0,044	0,305
CHR8	8764096	CHR8:8764096	SSF x LoA	-8,06719122	0,054	0,306
CHR8	8764112	CHR8:8764112	SSF x LoA	-11,4566824	0,024	0,297
CHR8	8764118	CHR8:8764118	SSF x LoA	-9,9209951	-0,008	0,297
CHR8	8764160	CHR8:8764160	SSF x LoA	-10,7837024	0,011	0,297
CHR8	8764164	CHR8:8764164	SSF x LoA	-10,4819936	0,001	0,314
CHR8	8764291	CHR8:8764291	SSF x LoA	-10,8156391	0,107	0,297
CHR8	8785407	CHR8:8785407	SSF x LoA	-8,65267567	0,139	0,317
CHR8	8805780	CHR8:8805780	SSF x LoA	-7,35247702	-0,066	0,317
CHR8	8805839	CHR8:8805839	SSF x LoA	-10,500107	0,039	0,299
CHR8	8805841	CHR8:8805841	SSF x LoA	-10,1044603	0,003	0,298
CHR8	8805845	CHR8:8805845	SSF x LoA	-8,11380323	-0,082	0,290
CHR8	8805898	CHR8:8805898	SSF x LoA	-9,19185632	-0,067	0,309
CHR8	882880	CHR8:882880	SSF x LoA	-8,74578003	-0,075	0,300
CHR8	883120	CHR8:883120	SSF x LoA	-10,4765535	-0,096	0,308
CHR8	8833800	CHR8:8833800	SSF x LoA	-8,77239463	-0,010	0,322
CHR8	8833801	CHR8:8833801	SSF x LoA	-6,92541801	-0,042	0,315
CHR8	8833857	CHR8:8833857	SSF x LoA	-8,39710742	-0,065	0,313
CHR8	8833878	CHR8:8833878	SSF x LoA	-10,7146516	-0,001	0,302
CHR8	8834018	CHR8:8834018	SSF x LoA	-7,13937158	-0,027	0,321
CHR8	8834030	CHR8:8834030	SSF x LoA	-11,3396296	-0,023	0,328
CHR8	8838901	CHR8:8838901	SSF x LoA	-9,70595425	-0,169	0,306
CHR8	8840304	CHR8:8840304	SSF x LoA	-7,73628647	0,127	0,306
CHR8	8840325	CHR8:8840325	SSF x LoA	-11,781714	-0,019	0,307

CHR8	8840333	CHR8:8840333	SSF x LoA	-12,2835165	0,050	0,307
CHR8	8840347	CHR8:8840347	SSF x LoA	-9,62030733	-0,026	0,306
CHR8	8840355	CHR8:8840355	SSF x LoA	-9,14078264	-0,052	0,309
CHR8	8846441	CHR8:8846441	SSF x LoA	3,41184022	0,063	0,309
CHR8	8846507	CHR8:8846507	SSF x LoA	-10,8348907	0,020	0,315
CHR8	8846508	CHR8:8846508	SSF x LoA	-10,6043484	-0,035	0,297
CHR8	8846538	CHR8:8846538	SSF x LoA	-8,28283924	-0,014	0,308
CHR8	8846678	CHR8:8846678	SSF x LoA	-8,6792878	0,053	0,313
CHR8	885096	CHR8:885096	SSF x LoA	-10,876353	-0,034	0,315
CHR8	885366	CHR8:885366	SSF x LoA	-11,2835821	-0,039	0,300
CHR8	8857154	CHR8:8857154	SSF x LoA	-1,75393846	-0,171	0,294
CHR8	8857183	CHR8:8857183	SSF x LoA	-9,90892222	0,057	0,303
CHR8	8857251	CHR8:8857251	SSF x LoA	-11,0126342	-0,022	0,312
CHR8	8857287	CHR8:8857287	SSF x LoA	-10,1620274	0,001	0,301
CHR8	8868463	CHR8:8868463	SSF x LoA	-11,7770793	0,019	0,314
CHR8	8868480	CHR8:8868480	SSF x LoA	-10,0808889	0,020	0,330
CHR8	8879215	CHR8:8879215	SSF x LoA	-9,73281791	0,120	0,305
CHR8	8879279	CHR8:8879279	SSF x LoA	-7,35301031	0,088	0,320
CHR8	8879294	CHR8:8879294	SSF x LoA	-7,79856121	0,084	0,299
CHR8	8879300	CHR8:8879300	SSF x LoA	-9,95944623	0,081	0,317
CHR8	8879309	CHR8:8879309	SSF x LoA	-8,44280094	0,089	0,300
CHR8	8879320	CHR8:8879320	SSF x LoA	-8,02676412	-0,090	0,312
CHR8	8879348	CHR8:8879348	SSF x LoA	-5,96382405	0,177	0,299
CHR8	8879378	CHR8:8879378	SSF x LoA	-10,8479277	0,095	0,308
CHR8	8886376	CHR8:8886376	SSF x LoA	-7,80382024	0,004	0,319
CHR8	8886485	CHR8:8886485	SSF x LoA	-7,59875211	0,128	0,298
CHR8	8886491	CHR8:8886491	SSF x LoA	-2,35106144	0,057	0,294
CHR8	8886508	CHR8:8886508	SSF x LoA	-7,70698987	-0,025	0,330
CHR8	8886532	CHR8:8886532	SSF x LoA	-9,87234725	0,018	0,305
CHR8	8886561	CHR8:8886561	SSF x LoA	-8,9818007	0,032	0,304
CHR8	8889493	CHR8:8889493	SSF x LoA	-10,2388297	-0,086	0,305
CHR8	8889516	CHR8:8889516	SSF x LoA	-8,93910035	-0,111	0,308
CHR8	8889518	CHR8:8889518	SSF x LoA	-9,11775797	0,131	0,300
CHR8	8889527	CHR8:8889527	SSF x LoA	-10,3242006	0,021	0,301
CHR8	8889535	CHR8:8889535	SSF x LoA	-8,74436212	0,003	0,313
CHR8	8890033	CHR8:8890033	SSF x LoA	-11,7851469	-0,012	0,311
CHR8	8894867	CHR8:8894867	SSF x LoA	-4,79969004	-0,102	0,308
CHR8	8894910	CHR8:8894910	SSF x LoA	-11,2961971	-0,016	0,308
CHR8	8894914	CHR8:8894914	SSF x LoA	-11,1808511	0,011	0,296
CHR8	8894953	CHR8:8894953	SSF x LoA	-10,2157565	-0,017	0,306
CHR8	8895008	CHR8:8895008	SSF x LoA	-7,47275386	-0,031	0,315
CHR8	8902761	CHR8:8902761	SSF x LoA	-9,64588805	0,082	0,307
CHR8	8902784	CHR8:8902784	SSF x LoA	-11,0490383	-0,107	0,299
CHR8	8903046	CHR8:8903046	SSF x LoA	-11,0061124	-0,024	0,292
CHR8	8909104	CHR8:8909104	SSF x LoA	-9,44778072	-0,080	0,309
CHR8	8912067	CHR8:8912067	SSF x LoA	-8,56173052	-0,117	0,308
CHR8	8922378	CHR8:8922378	SSF x LoA	-11,355981	0,115	0,285
CHR8	8925783	CHR8:8925783	SSF x LoA	-8,8041825	0,047	0,311
CHR8	8927499	CHR8:8927499	SSF x LoA	-9,25836521	-0,067	0,320
CHR8	8935174	CHR8:8935174	SSF x LoA	-9,67727361	0,059	0,321
CHR8	8935197	CHR8:8935197	SSF x LoA	-10,6362701	-0,052	0,306
CHR8	8935218	CHR8:8935218	SSF x LoA	-8,53119792	-0,075	0,294
CHR8	8935273	CHR8:8935273	SSF x LoA	-7,65490401	0,009	0,308

CHR8	8935283	CHR8:8935283	SSF x LoA	-9,30377914	0,034	0,297
CHR8	8953801	CHR8:8953801	SSF x LoA	-7,52646117	0,162	0,308
CHR8	8953869	CHR8:8953869	SSF x LoA	-9,44895653	-0,078	0,305
CHR8	8953947	CHR8:8953947	SSF x LoA	-9,73688192	0,090	0,308
CHR8	8953962	CHR8:8953962	SSF x LoA	-10,12998	0,033	0,305
CHR8	8953989	CHR8:8953989	SSF x LoA	-10,0965845	0,009	0,301
CHR8	8954000	CHR8:8954000	SSF x LoA	-8,62642897	0,061	0,307
CHR8	8955687	CHR8:8955687	SSF x LoA	-9,65001425	-0,101	0,301
CHR8	8955764	CHR8:8955764	SSF x LoA	-9,36979982	-0,044	0,309
CHR8	8955770	CHR8:8955770	SSF x LoA	-9,22381153	-0,040	0,310
CHR8	8955828	CHR8:8955828	SSF x LoA	-8,69809554	0,051	0,304
CHR8	8955880	CHR8:8955880	SSF x LoA	-9,66576655	0,052	0,296
CHR8	8955883	CHR8:8955883	SSF x LoA	-11,028866	0,014	0,305
CHR8	8955893	CHR8:8955893	SSF x LoA	-9,87664669	0,039	0,309
CHR8	8957234	CHR8:8957234	SSF x LoA	-9,2272173	-0,081	0,303
CHR8	8957236	CHR8:8957236	SSF x LoA	-8,98487747	0,002	0,309
CHR8	8957312	CHR8:8957312	SSF x LoA	-10,3110891	-0,037	0,302
CHR8	8957318	CHR8:8957318	SSF x LoA	-8,86899866	0,026	0,311
CHR8	8957323	CHR8:8957323	SSF x LoA	-9,73853753	0,068	0,295
CHR8	8957334	CHR8:8957334	SSF x LoA	-7,39240677	0,014	0,299
CHR8	8957344	CHR8:8957344	SSF x LoA	-8,18975747	0,017	0,321
CHR8	8972223	CHR8:8972223	SSF x LoA	-7,41117127	0,113	0,289
CHR8	8972230	CHR8:8972230	SSF x LoA	-8,13288525	0,108	0,325
CHR8	8972250	CHR8:8972250	SSF x LoA	-10,3489979	0,005	0,311
CHR8	8972297	CHR8:8972297	SSF x LoA	-9,21594557	-0,002	0,299
CHR8	8972328	CHR8:8972328	SSF x LoA	-8,83839714	0,087	0,298
CHR8	8972344	CHR8:8972344	SSF x LoA	-7,77446759	-0,115	0,310
CHR8	8972392	CHR8:8972392	SSF x LoA	-10,2400224	-0,054	0,306
CHR8	8972442	CHR8:8972442	SSF x LoA	-6,64363287	-0,134	0,296
CHR8	8972456	CHR8:8972456	SSF x LoA	-11,7882591	0,046	0,292
CHR8	8972468	CHR8:8972468	SSF x LoA	-9,08889354	0,034	0,308
CHR8	8976915	CHR8:8976915	SSF x LoA	-7,872534	0,113	0,312
CHR8	8976946	CHR8:8976946	SSF x LoA	-9,06716841	0,069	0,315
CHR8	8976961	CHR8:8976961	SSF x LoA	-6,25029355	0,163	0,294
CHR8	8976984	CHR8:8976984	SSF x LoA	-11,042993	-0,013	0,296
CHR8	8976989	CHR8:8976989	SSF x LoA	-2,500041	-0,094	0,303
CHR8	8977013	CHR8:8977013	SSF x LoA	-7,77134442	-0,209	0,300
CHR8	897709	CHR8:897709	SSF x LoA	-6,81654071	0,160	0,303
CHR8	8977155	CHR8:8977155	SSF x LoA	-10,7507428	-0,025	0,305
CHR8	8982846	CHR8:8982846	SSF x LoA	-9,09991331	-0,033	0,306
CHR8	8982915	CHR8:8982915	SSF x LoA	-8,56695221	-0,037	0,310
CHR8	8986837	CHR8:8986837	SSF x LoA	-10,5645319	-0,096	0,307
CHR8	8986910	CHR8:8986910	SSF x LoA	-9,20085388	0,024	0,312
CHR8	8992416	CHR8:8992416	SSF x LoA	-9,11396932	0,044	0,292
CHR8	8992461	CHR8:8992461	SSF x LoA	-10,306927	-0,074	0,305
CHR8	8992468	CHR8:8992468	SSF x LoA	-10,0977741	0,066	0,295
CHR8	8992490	CHR8:8992490	SSF x LoA	-11,6665609	-0,096	0,292
CHR8	8992534	CHR8:8992534	SSF x LoA	-8,10401474	0,048	0,304
CHR8	8998274	CHR8:8998274	SSF x LoA	-7,13507886	0,022	0,317
CHR8	8998381	CHR8:8998381	SSF x LoA	-6,23675519	0,016	0,303
CHR8	9000371	CHR8:9000371	SSF x LoA	-11,8285746	0,007	0,305
CHR8	9003420	CHR8:9003420	SSF x LoA	-7,93230667	0,134	0,307
CHR8	9003447	CHR8:9003447	SSF x LoA	-5,91435805	0,107	0,300

CHR8	9003472	CHR8:9003472	SSF x LoA	-7,45282114	-0,047	0,302
CHR8	9004468	CHR8:9004468	SSF x LoA	-10,4016941	-0,074	0,297
CHR8	9012907	CHR8:9012907	SSF x LoA	-9,89337157	-0,037	0,312
CHR8	9014403	CHR8:9014403	SSF x LoA	-9,32454239	-0,011	0,308
CHR8	9014461	CHR8:9014461	SSF x LoA	-11,31559	-0,036	0,295
CHR8	9014489	CHR8:9014489	SSF x LoA	-11,87122	-0,013	0,311
CHR8	9029310	CHR8:9029310	SSF x LoA	-9,54761154	-0,067	0,281
CHR8	9031568	CHR8:9031568	SSF x LoA	-5,44143447	0,194	0,311
CHR8	9031593	CHR8:9031593	SSF x LoA	-8,12784422	-0,096	0,304
CHR8	9031627	CHR8:9031627	SSF x LoA	-6,54783195	0,195	0,294
CHR8	9044808	CHR8:9044808	SSF x LoA	-8,54148435	-0,004	0,311
CHR8	9061485	CHR8:9061485	SSF x LoA	-7,91178453	0,014	0,304
CHR8	9061518	CHR8:9061518	SSF x LoA	-8,57199115	0,062	0,300
CHR8	9061600	CHR8:9061600	SSF x LoA	-8,84248385	-0,104	0,316
CHR8	9062520	CHR8:9062520	SSF x LoA	-8,87906333	0,058	0,320
CHR8	9062579	CHR8:9062579	SSF x LoA	-0,65414828	0,111	0,313
CHR8	9066222	CHR8:9066222	SSF x LoA	-8,06671267	0,109	0,312
CHR8	9066224	CHR8:9066224	SSF x LoA	-10,0342543	0,037	0,300
CHR8	9066280	CHR8:9066280	SSF x LoA	-9,16558525	0,010	0,311
CHR8	9066290	CHR8:9066290	SSF x LoA	-9,9270391	-0,050	0,303
CHR8	9066327	CHR8:9066327	SSF x LoA	-9,47953113	0,097	0,318
CHR8	9066415	CHR8:9066415	SSF x LoA	-8,25457573	0,120	0,302
CHR8	9070228	CHR8:9070228	SSF x LoA	-11,4541544	-0,070	0,313
CHR8	9070262	CHR8:9070262	SSF x LoA	-11,0615993	-0,091	0,296
CHR8	9071758	CHR8:9071758	SSF x LoA	-8,76249717	0,019	0,311
CHR8	9071759	CHR8:9071759	SSF x LoA	-7,63022973	0,007	0,307
CHR8	9071865	CHR8:9071865	SSF x LoA	-7,64210207	0,021	0,302
CHR8	9075696	CHR8:9075696	SSF x LoA	-5,93271589	-0,143	0,298
CHR8	9086810	CHR8:9086810	SSF x LoA	-10,8606864	-0,016	0,303
CHR8	9086846	CHR8:9086846	SSF x LoA	-8,69303995	-0,043	0,295
CHR8	9086992	CHR8:9086992	SSF x LoA	-7,63488274	0,063	0,306
CHR8	9112509	CHR8:9112509	SSF x LoA	-8,86937126	-0,123	0,297
CHR8	9118494	CHR8:9118494	SSF x LoA	-7,91789782	0,130	0,312
CHR8	9118635	CHR8:9118635	SSF x LoA	-8,70019587	0,062	0,302
CHR8	9125859	CHR8:9125859	SSF x LoA	-11,2670794	-0,028	0,314
CHR8	9152571	CHR8:9152571	SSF x LoA	-11,6640465	-0,044	0,311
CHR8	9161850	CHR8:9161850	SSF x LoA	-11,1074634	0,010	0,315
CHR8	9161930	CHR8:9161930	SSF x LoA	-9,01677994	0,125	0,299
CHR8	9162145	CHR8:9162145	SSF x LoA	-9,09769075	0,029	0,294
CHR8	9162150	CHR8:9162150	SSF x LoA	-9,95902434	0,035	0,301
CHR8	9162160	CHR8:9162160	SSF x LoA	-8,10756674	0,133	0,301
CHR8	9165219	CHR8:9165219	SSF x LoA	-8,81066132	0,080	0,287
CHR8	9165229	CHR8:9165229	SSF x LoA	-5,16686334	0,070	0,296
CHR8	9165232	CHR8:9165232	SSF x LoA	-2,30500019	0,054	0,294
CHR8	917300	CHR8:917300	SSF x LoA	-11,1976839	0,098	0,303
CHR8	9183842	CHR8:9183842	SSF x LoA	-11,0481764	0,115	0,309
CHR8	9183949	CHR8:9183949	SSF x LoA	-8,03124598	-0,122	0,311
CHR8	9184005	CHR8:9184005	SSF x LoA	-9,28793292	0,082	0,302
CHR8	9184048	CHR8:9184048	SSF x LoA	-10,4596086	-0,041	0,305
CHR8	9184084	CHR8:9184084	SSF x LoA	-8,54530486	-0,136	0,300
CHR8	9184120	CHR8:9184120	SSF x LoA	-4,68870111	-0,159	0,316
CHR8	9187777	CHR8:9187777	SSF x LoA	-9,916571	0,022	0,304
CHR8	9187849	CHR8:9187849	SSF x LoA	-11,143284	0,030	0,307

CHR8	9187898	CHR8:9187898	SSF x LoA	-9,55239834	-0,040	0,301
CHR8	9192371	CHR8:9192371	SSF x LoA	-10,0978169	0,019	0,307
CHR8	9192374	CHR8:9192374	SSF x LoA	-10,1001278	-0,066	0,309
CHR8	9192393	CHR8:9192393	SSF x LoA	-10,3929325	-0,022	0,313
CHR8	9192413	CHR8:9192413	SSF x LoA	-7,75921094	-0,144	0,294
CHR8	9194309	CHR8:9194309	SSF x LoA	-12,2560452	-0,003	0,307
CHR8	9194344	CHR8:9194344	SSF x LoA	-9,50400328	0,020	0,313
CHR8	9194541	CHR8:9194541	SSF x LoA	-8,68626636	-0,042	0,310
CHR8	9199175	CHR8:9199175	SSF x LoA	-8,92503847	0,026	0,321
CHR8	9199254	CHR8:9199254	SSF x LoA	-7,69788329	-0,069	0,295
CHR8	9199352	CHR8:9199352	SSF x LoA	-11,0198115	0,075	0,299
CHR8	9199383	CHR8:9199383	SSF x LoA	-10,2561948	0,093	0,300
CHR8	9199431	CHR8:9199431	SSF x LoA	-9,99498593	-0,005	0,297
CHR8	920270	CHR8:920270	SSF x LoA	-10,2443374	0,166	0,287
CHR8	9207468	CHR8:9207468	SSF x LoA	-8,40072952	0,159	0,294
CHR8	9207543	CHR8:9207543	SSF x LoA	-8,6818347	-0,028	0,302
CHR8	9208012	CHR8:9208012	SSF x LoA	-8,21818135	0,094	0,306
CHR8	9211698	CHR8:9211698	SSF x LoA	-6,74666195	0,050	0,312
CHR8	9211764	CHR8:9211764	SSF x LoA	-8,84100726	0,050	0,310
CHR8	9221242	CHR8:9221242	SSF x LoA	-11,8474603	-0,025	0,302
CHR8	9221325	CHR8:9221325	SSF x LoA	-7,01500927	0,118	0,309
CHR8	9221360	CHR8:9221360	SSF x LoA	-10,0530027	-0,084	0,309
CHR8	9221431	CHR8:9221431	SSF x LoA	-8,28948253	0,090	0,302
CHR8	9227319	CHR8:9227319	SSF x LoA	-7,03124619	0,139	0,308
CHR8	9227521	CHR8:9227521	SSF x LoA	-7,95487692	0,103	0,293
CHR8	9237488	CHR8:9237488	SSF x LoA	-11,1879109	-0,031	0,304
CHR8	9237505	CHR8:9237505	SSF x LoA	-11,1199285	-0,058	0,304
CHR8	9237803	CHR8:9237803	SSF x LoA	-9,32253696	0,083	0,306
CHR8	9237804	CHR8:9237804	SSF x LoA	-4,09451958	-0,154	0,309
CHR8	9237841	CHR8:9237841	SSF x LoA	-5,35145204	0,095	0,302
CHR8	9237847	CHR8:9237847	SSF x LoA	-9,12384196	-0,046	0,310
CHR8	9237906	CHR8:9237906	SSF x LoA	-7,04103563	0,105	0,297
CHR8	924398	CHR8:924398	SSF x LoA	-11,3270043	0,011	0,306
CHR8	924644	CHR8:924644	SSF x LoA	-11,2491936	-0,016	0,294
CHR8	9255305	CHR8:9255305	SSF x LoA	-10,3923615	-0,118	0,294
CHR8	9255352	CHR8:9255352	SSF x LoA	-8,09776083	0,004	0,308
CHR8	9255400	CHR8:9255400	SSF x LoA	-7,20756267	0,026	0,301
CHR8	9255410	CHR8:9255410	SSF x LoA	-11,6917964	0,021	0,307
CHR8	9255415	CHR8:9255415	SSF x LoA	-10,5278499	0,028	0,302
CHR8	9255436	CHR8:9255436	SSF x LoA	-5,07702333	0,075	0,317
CHR8	9255441	CHR8:9255441	SSF x LoA	-7,93091318	0,039	0,321
CHR8	9265821	CHR8:9265821	SSF x LoA	-6,75348846	0,059	0,319
CHR8	9265866	CHR8:9265866	SSF x LoA	-9,68863522	-0,079	0,309
CHR8	9266005	CHR8:9266005	SSF x LoA	-8,13926612	-0,066	0,302
CHR8	9266006	CHR8:9266006	SSF x LoA	-8,89519626	-0,061	0,312
CHR8	9266037	CHR8:9266037	SSF x LoA	-8,92047642	0,033	0,303
CHR8	9266062	CHR8:9266062	SSF x LoA	-11,1778124	-0,027	0,310
CHR8	9266125	CHR8:9266125	SSF x LoA	-10,461917	-0,086	0,301
CHR8	9274203	CHR8:9274203	SSF x LoA	-8,58784874	0,073	0,310
CHR8	9274275	CHR8:9274275	SSF x LoA	-8,78270336	0,093	0,305
CHR8	9278163	CHR8:9278163	SSF x LoA	-10,4404397	-0,071	0,296
CHR8	9278172	CHR8:9278172	SSF x LoA	-9,42013849	0,015	0,296
CHR8	9278177	CHR8:9278177	SSF x LoA	-12,1975192	0,026	0,305

CHR8	9278196	CHR8:9278196	SSF x LoA	-8,16815499	-0,112	0,306
CHR8	9278200	CHR8:9278200	SSF x LoA	-3,99982308	-0,085	0,302
CHR8	9280351	CHR8:9280351	SSF x LoA	-8,21162384	0,094	0,309
CHR8	9280380	CHR8:9280380	SSF x LoA	-10,7693907	-0,081	0,293
CHR8	9280450	CHR8:9280450	SSF x LoA	-8,27402393	-0,069	0,303
CHR8	9282160	CHR8:9282160	SSF x LoA	-10,0946365	0,112	0,303
CHR8	9282167	CHR8:9282167	SSF x LoA	-6,56913758	0,123	0,311
CHR8	9282177	CHR8:9282177	SSF x LoA	-8,57658148	0,117	0,307
CHR8	9288765	CHR8:9288765	SSF x LoA	-10,5746802	0,047	0,302
CHR8	9288799	CHR8:9288799	SSF x LoA	-9,77714887	-0,043	0,301
CHR8	9288828	CHR8:9288828	SSF x LoA	-10,1236872	-0,034	0,309
CHR8	9288838	CHR8:9288838	SSF x LoA	-10,340152	0,015	0,304
CHR8	9288857	CHR8:9288857	SSF x LoA	-8,26658418	-0,095	0,325
CHR8	9299721	CHR8:9299721	SSF x LoA	-5,30634213	0,009	0,310
CHR8	9299736	CHR8:9299736	SSF x LoA	-7,64328283	0,065	0,310
CHR8	9299737	CHR8:9299737	SSF x LoA	-8,50654764	0,071	0,311
CHR8	9299743	CHR8:9299743	SSF x LoA	-8,44101143	0,050	0,305
CHR8	9299752	CHR8:9299752	SSF x LoA	-10,6376397	0,055	0,299
CHR8	9299756	CHR8:9299756	SSF x LoA	-8,64026368	0,055	0,307
CHR8	9299789	CHR8:9299789	SSF x LoA	-11,150337	0,066	0,306
CHR8	9299835	CHR8:9299835	SSF x LoA	-8,78723495	-0,010	0,306
CHR8	931852	CHR8:931852	SSF x LoA	-9,56666037	0,055	0,318
CHR8	931900	CHR8:931900	SSF x LoA	-10,8062635	-0,056	0,296
CHR8	932000	CHR8:932000	SSF x LoA	-7,4129881	0,150	0,304
CHR8	9320408	CHR8:9320408	SSF x LoA	-7,74175693	0,086	0,304
CHR8	9327720	CHR8:9327720	SSF x LoA	-9,99221796	0,011	0,301
CHR8	9327753	CHR8:9327753	SSF x LoA	-9,03369299	-0,016	0,301
CHR8	9327872	CHR8:9327872	SSF x LoA	-11,6745722	-0,024	0,323
CHR8	9330758	CHR8:9330758	SSF x LoA	-7,98812725	0,042	0,298
CHR8	9330762	CHR8:9330762	SSF x LoA	-10,3157532	0,039	0,314
CHR8	9330826	CHR8:9330826	SSF x LoA	-6,72857136	-0,081	0,297
CHR8	9330877	CHR8:9330877	SSF x LoA	-10,3362498	-0,082	0,312
CHR8	9331580	CHR8:9331580	SSF x LoA	-10,7559836	-0,007	0,313
CHR8	9331605	CHR8:9331605	SSF x LoA	-8,92525339	-0,016	0,296
CHR8	9331606	CHR8:9331606	SSF x LoA	-8,69768873	-0,031	0,319
CHR8	9334925	CHR8:9334925	SSF x LoA	-10,4436302	-0,152	0,303
CHR8	9334964	CHR8:9334964	SSF x LoA	-8,88844564	-0,076	0,300
CHR8	9334987	CHR8:9334987	SSF x LoA	-9,2201557	-0,067	0,302
CHR8	9335081	CHR8:9335081	SSF x LoA	-6,70022853	0,106	0,307
CHR8	9340341	CHR8:9340341	SSF x LoA	-8,99125901	-0,021	0,309
CHR8	9340368	CHR8:9340368	SSF x LoA	-10,2349631	-0,009	0,318
CHR8	9340469	CHR8:9340469	SSF x LoA	-8,92824914	-0,088	0,298
CHR8	9340500	CHR8:9340500	SSF x LoA	-8,87810785	0,066	0,319
CHR8	9340530	CHR8:9340530	SSF x LoA	-7,36370433	0,088	0,305
CHR8	9341961	CHR8:9341961	SSF x LoA	-11,166614	0,027	0,308
CHR8	9347254	CHR8:9347254	SSF x LoA	-10,2492776	-0,016	0,314
CHR8	9347395	CHR8:9347395	SSF x LoA	-10,212886	-0,091	0,302
CHR8	9357083	CHR8:9357083	SSF x LoA	-9,49254148	0,119	0,301
CHR8	9364813	CHR8:9364813	SSF x LoA	-9,44253678	-0,012	0,310
CHR8	9364858	CHR8:9364858	SSF x LoA	-9,02205268	-0,103	0,306
CHR8	9364864	CHR8:9364864	SSF x LoA	-10,1071008	-0,061	0,301
CHR8	9364865	CHR8:9364865	SSF x LoA	-10,122041	-0,059	0,301
CHR8	9370959	CHR8:9370959	SSF x LoA	-12,117614	-0,042	0,299

CHR8	9389524	CHR8:9389524	SSF x LoA	-10,4502204	-0,118	0,310
CHR8	9389535	CHR8:9389535	SSF x LoA	-7,92982707	-0,127	0,310
CHR8	9389641	CHR8:9389641	SSF x LoA	-10,1006012	0,129	0,296
CHR8	9389646	CHR8:9389646	SSF x LoA	-9,74847533	0,025	0,299
CHR8	9389650	CHR8:9389650	SSF x LoA	-5,35329598	-0,068	0,298
CHR8	9389671	CHR8:9389671	SSF x LoA	-8,90196368	-0,017	0,304
CHR8	9402558	CHR8:9402558	SSF x LoA	-11,2559503	-0,102	0,299
CHR8	9402583	CHR8:9402583	SSF x LoA	-10,8620511	0,088	0,308
CHR8	9402617	CHR8:9402617	SSF x LoA	-4,3572036	0,237	0,298
CHR8	9402621	CHR8:9402621	SSF x LoA	-8,75259679	-0,080	0,309
CHR8	9402627	CHR8:9402627	SSF x LoA	-8,81650389	-0,026	0,297
CHR8	9405713	CHR8:9405713	SSF x LoA	-9,93051715	-0,046	0,304
CHR8	9408247	CHR8:9408247	SSF x LoA	-9,26581013	-0,008	0,290
CHR8	9408310	CHR8:9408310	SSF x LoA	-6,27764772	0,053	0,303
CHR8	9408329	CHR8:9408329	SSF x LoA	-8,16996649	-0,052	0,297
CHR8	9408336	CHR8:9408336	SSF x LoA	-11,5427352	-0,067	0,308
CHR8	9408347	CHR8:9408347	SSF x LoA	-7,15618001	-0,008	0,303
CHR8	9413380	CHR8:9413380	SSF x LoA	-9,96317391	-0,009	0,292
CHR8	9413427	CHR8:9413427	SSF x LoA	-9,17953621	-0,066	0,309
CHR8	9413513	CHR8:9413513	SSF x LoA	-10,6437072	-0,064	0,304
CHR8	9420003	CHR8:9420003	SSF x LoA	-10,3869206	0,003	0,308
CHR8	9420042	CHR8:9420042	SSF x LoA	-8,48286201	-0,045	0,307
CHR8	9420045	CHR8:9420045	SSF x LoA	-9,02234017	-0,154	0,298
CHR8	9420138	CHR8:9420138	SSF x LoA	-7,08232389	0,021	0,305
CHR8	9420144	CHR8:9420144	SSF x LoA	-9,61962615	0,050	0,302
CHR8	9420149	CHR8:9420149	SSF x LoA	-9,82674888	0,037	0,306
CHR8	9420199	CHR8:9420199	SSF x LoA	-6,59246034	-0,182	0,300
CHR8	9420205	CHR8:9420205	SSF x LoA	-10,5397672	-0,059	0,305
CHR8	9420207	CHR8:9420207	SSF x LoA	-9,07235228	0,018	0,307
CHR8	9420270	CHR8:9420270	SSF x LoA	-8,17759356	-0,104	0,297
CHR8	9420273	CHR8:9420273	SSF x LoA	-11,026244	0,009	0,303
CHR8	9420281	CHR8:9420281	SSF x LoA	-9,64319823	0,035	0,301
CHR8	9423236	CHR8:9423236	SSF x LoA	-10,9106067	-0,017	0,310
CHR8	9423237	CHR8:9423237	SSF x LoA	-10,8769664	-0,054	0,305
CHR8	9423243	CHR8:9423243	SSF x LoA	-9,15470406	0,102	0,288
CHR8	9423378	CHR8:9423378	SSF x LoA	-8,65894203	-0,121	0,305
CHR8	9423392	CHR8:9423392	SSF x LoA	-7,52532555	-0,127	0,304
CHR8	9430827	CHR8:9430827	SSF x LoA	-6,77134049	-0,128	0,304
CHR8	9430828	CHR8:9430828	SSF x LoA	-5,78206807	-0,189	0,285
CHR8	9430885	CHR8:9430885	SSF x LoA	-9,05679943	-0,002	0,304
CHR8	9430940	CHR8:9430940	SSF x LoA	-10,29192	0,031	0,299
CHR8	9430968	CHR8:9430968	SSF x LoA	-2,81394615	0,078	0,315
CHR8	9431016	CHR8:9431016	SSF x LoA	-11,1685071	0,048	0,305
CHR8	9431023	CHR8:9431023	SSF x LoA	-8,71530902	-0,014	0,311
CHR8	9433207	CHR8:9433207	SSF x LoA	-7,04487052	0,133	0,308
CHR8	9433524	CHR8:9433524	SSF x LoA	-11,1981541	0,083	0,298
CHR8	943825	CHR8:943825	SSF x LoA	-10,1282418	0,083	0,313
CHR8	943833	CHR8:943833	SSF x LoA	-8,5261821	0,134	0,297
CHR8	943835	CHR8:943835	SSF x LoA	-10,1270129	-0,067	0,320
CHR8	943935	CHR8:943935	SSF x LoA	-10,3523835	0,066	0,305
CHR8	9439628	CHR8:9439628	SSF x LoA	-9,75431663	-0,041	0,300
CHR8	9439635	CHR8:9439635	SSF x LoA	-9,44202219	-0,060	0,305
CHR8	944003	CHR8:944003	SSF x LoA	-10,6694077	-0,008	0,313

CHR8	944069	CHR8:944069	SSF x LoA	-11,4641425	-0,035	0,298
CHR8	9449773	CHR8:9449773	SSF x LoA	-11,0435395	-0,018	0,313
CHR8	9449779	CHR8:9449779	SSF x LoA	-10,0464016	0,021	0,315
CHR8	9454402	CHR8:9454402	SSF x LoA	-7,56176146	0,089	0,307
CHR8	9454404	CHR8:9454404	SSF x LoA	-9,64434817	0,057	0,314
CHR8	9454418	CHR8:9454418	SSF x LoA	-8,51212573	-0,105	0,307
CHR8	9454435	CHR8:9454435	SSF x LoA	-9,24117717	-0,054	0,289
CHR8	9454461	CHR8:9454461	SSF x LoA	-10,9425765	0,014	0,304
CHR8	9454548	CHR8:9454548	SSF x LoA	-8,91551986	-0,149	0,292
CHR8	9466637	CHR8:9466637	SSF x LoA	-9,74669288	0,038	0,306
CHR8	9466690	CHR8:9466690	SSF x LoA	-9,70661765	-0,041	0,318
CHR8	9466737	CHR8:9466737	SSF x LoA	-9,09693975	-0,100	0,300
CHR8	9477048	CHR8:9477048	SSF x LoA	-8,63956091	-0,037	0,309
CHR8	9477051	CHR8:9477051	SSF x LoA	-8,2480696	-0,029	0,308
CHR8	9477982	CHR8:9477982	SSF x LoA	-11,4250807	0,033	0,297
CHR8	9483245	CHR8:9483245	SSF x LoA	-9,04177325	0,039	0,309
CHR8	9485638	CHR8:9485638	SSF x LoA	-8,20196845	-0,022	0,302
CHR8	9485641	CHR8:9485641	SSF x LoA	-8,97130421	-0,056	0,312
CHR8	9485642	CHR8:9485642	SSF x LoA	-10,0582456	-0,058	0,309
CHR8	948995	CHR8:948995	SSF x LoA	-11,2261829	-0,055	0,297
CHR8	948996	CHR8:948996	SSF x LoA	-9,23032743	-0,076	0,302
CHR8	9495250	CHR8:9495250	SSF x LoA	-9,26110588	-0,038	0,307
CHR8	9495257	CHR8:9495257	SSF x LoA	-7,16372616	-0,065	0,296
CHR8	9495575	CHR8:9495575	SSF x LoA	-7,95822027	0,083	0,315
CHR8	9495579	CHR8:9495579	SSF x LoA	-9,81005169	-0,024	0,310
CHR8	9495650	CHR8:9495650	SSF x LoA	-7,37566441	0,085	0,306
CHR8	9495664	CHR8:9495664	SSF x LoA	-6,59879434	-0,110	0,311
CHR8	9501062	CHR8:9501062	SSF x LoA	-9,70701516	0,048	0,316
CHR8	9501111	CHR8:9501111	SSF x LoA	-8,40464614	0,069	0,301
CHR8	9501320	CHR8:9501320	SSF x LoA	-11,2663947	0,020	0,300
CHR8	9501330	CHR8:9501330	SSF x LoA	-11,384009	0,054	0,323
CHR8	9512317	CHR8:9512317	SSF x LoA	-5,65558305	-0,070	0,317
CHR8	9512345	CHR8:9512345	SSF x LoA	-8,38861528	-0,091	0,310
CHR8	9512375	CHR8:9512375	SSF x LoA	-8,44441264	0,113	0,297
CHR8	9529893	CHR8:9529893	SSF x LoA	-11,7504156	-0,057	0,309
CHR8	9535746	CHR8:9535746	SSF x LoA	-10,8189397	-0,081	0,289
CHR8	9535813	CHR8:9535813	SSF x LoA	-9,38854846	0,022	0,311
CHR8	9551176	CHR8:9551176	SSF x LoA	-9,80462921	0,144	0,298
CHR8	9551213	CHR8:9551213	SSF x LoA	-10,4773409	0,069	0,311
CHR8	9551277	CHR8:9551277	SSF x LoA	-10,7294389	-0,059	0,293
CHR8	9551293	CHR8:9551293	SSF x LoA	-7,34449415	0,086	0,306
CHR8	9551440	CHR8:9551440	SSF x LoA	-11,1771271	0,047	0,299
CHR8	9553614	CHR8:9553614	SSF x LoA	-10,1998994	-0,021	0,310
CHR8	9553696	CHR8:9553696	SSF x LoA	-7,83661931	0,014	0,311
CHR8	9553805	CHR8:9553805	SSF x LoA	-10,8993829	-0,034	0,312
CHR8	9564473	CHR8:9564473	SSF x LoA	-11,2372814	0,037	0,300
CHR8	9564484	CHR8:9564484	SSF x LoA	-8,60076165	0,078	0,308
CHR8	9564517	CHR8:9564517	SSF x LoA	-10,9593979	-0,078	0,305
CHR8	9564557	CHR8:9564557	SSF x LoA	-6,25985756	-0,026	0,292
CHR8	9564601	CHR8:9564601	SSF x LoA	-9,84089654	-0,001	0,314
CHR8	9564609	CHR8:9564609	SSF x LoA	-9,12940667	-0,084	0,315
CHR8	9564662	CHR8:9564662	SSF x LoA	-11,9157424	-0,102	0,296
CHR8	9572582	CHR8:9572582	SSF x LoA	-8,92502994	0,036	0,305

CHR8	9572617	CHR8:9572617	SSF x LoA	-8,75234876	0,062	0,312
CHR8	9572710	CHR8:9572710	SSF x LoA	-7,18510346	0,045	0,313
CHR8	9576389	CHR8:9576389	SSF x LoA	-10,0797355	-0,036	0,301
CHR8	9594415	CHR8:9594415	SSF x LoA	-9,00392617	-0,022	0,312
CHR8	9629701	CHR8:9629701	SSF x LoA	-9,13030361	0,054	0,299
CHR8	9631149	CHR8:9631149	SSF x LoA	-11,8566972	0,038	0,295
CHR8	9633447	CHR8:9633447	SSF x LoA	-1,05358193	0,054	0,303
CHR8	9633485	CHR8:9633485	SSF x LoA	-11,3843113	0,043	0,305
CHR8	9634142	CHR8:9634142	SSF x LoA	-11,7731565	-0,076	0,299
CHR8	9634152	CHR8:9634152	SSF x LoA	-6,2978039	-0,048	0,300
CHR8	964013	CHR8:964013	SSF x LoA	-8,71218032	0,081	0,309
CHR8	964091	CHR8:964091	SSF x LoA	-9,86906976	0,038	0,305
CHR8	9646213	CHR8:9646213	SSF x LoA	-9,00907745	0,051	0,321
CHR8	9646222	CHR8:9646222	SSF x LoA	-8,37462995	0,053	0,316
CHR8	9646223	CHR8:9646223	SSF x LoA	-9,79286775	-0,044	0,298
CHR8	9647580	CHR8:9647580	SSF x LoA	-8,7642484	-0,014	0,310
CHR8	9647604	CHR8:9647604	SSF x LoA	-10,851346	-0,008	0,295
CHR8	9647628	CHR8:9647628	SSF x LoA	-10,429405	0,063	0,290
CHR8	9647653	CHR8:9647653	SSF x LoA	-10,1727623	-0,095	0,306
CHR8	9655143	CHR8:9655143	SSF x LoA	-8,12660061	-0,065	0,313
CHR8	9655146	CHR8:9655146	SSF x LoA	-9,44308014	-0,059	0,306
CHR8	9655204	CHR8:9655204	SSF x LoA	-8,60243559	0,154	0,295
CHR8	9655288	CHR8:9655288	SSF x LoA	-10,5425776	-0,063	0,309
CHR8	9655376	CHR8:9655376	SSF x LoA	-11,2902824	-0,113	0,305
CHR8	9658332	CHR8:9658332	SSF x LoA	-8,0748774	0,153	0,295
CHR8	965940	CHR8:965940	SSF x LoA	-8,87732124	0,088	0,316
CHR8	9665083	CHR8:9665083	SSF x LoA	-11,0135192	-0,046	0,296
CHR8	9665155	CHR8:9665155	SSF x LoA	-10,0059706	0,065	0,305
CHR8	9665279	CHR8:9665279	SSF x LoA	-9,06884297	0,000	0,306
CHR8	9670426	CHR8:9670426	SSF x LoA	-8,45082493	-0,070	0,311
CHR8	9670462	CHR8:9670462	SSF x LoA	-9,76348365	0,033	0,308
CHR8	9670510	CHR8:9670510	SSF x LoA	-8,7518779	-0,051	0,305
CHR8	9670554	CHR8:9670554	SSF x LoA	-9,28339063	0,098	0,306
CHR8	9680914	CHR8:9680914	SSF x LoA	-10,6545694	0,046	0,322
CHR8	9680919	CHR8:9680919	SSF x LoA	-11,1107881	0,044	0,316
CHR8	968483	CHR8:968483	SSF x LoA	-11,0265062	0,086	0,314
CHR8	968507	CHR8:968507	SSF x LoA	-9,82393172	0,121	0,309
CHR8	9695809	CHR8:9695809	SSF x LoA	-11,1875737	-0,025	0,305
CHR8	9695819	CHR8:9695819	SSF x LoA	-8,67473274	-0,060	0,298
CHR8	9695838	CHR8:9695838	SSF x LoA	-7,83839102	-0,010	0,304
CHR8	9695893	CHR8:9695893	SSF x LoA	-10,3809659	0,010	0,310
CHR8	9699330	CHR8:9699330	SSF x LoA	-11,8473392	0,050	0,299
CHR8	9699389	CHR8:9699389	SSF x LoA	-9,9922866	0,026	0,318
CHR8	9699444	CHR8:9699444	SSF x LoA	-8,80124473	0,051	0,304
CHR8	9699525	CHR8:9699525	SSF x LoA	-10,9549113	0,032	0,308
CHR8	9713437	CHR8:9713437	SSF x LoA	-9,0479748	-0,050	0,301
CHR8	9715618	CHR8:9715618	SSF x LoA	-4,65232154	-0,260	0,291
CHR8	9719846	CHR8:9719846	SSF x LoA	-9,62751594	-0,030	0,312
CHR8	9719906	CHR8:9719906	SSF x LoA	-10,8982542	-0,040	0,316
CHR8	9719954	CHR8:9719954	SSF x LoA	-8,91624878	0,030	0,316
CHR8	9719978	CHR8:9719978	SSF x LoA	-6,0830633	0,056	0,296
CHR8	972165	CHR8:972165	SSF x LoA	-9,4088434	-0,139	0,307
CHR8	9730996	CHR8:9730996	SSF x LoA	-9,7236904	0,013	0,308

CHR8	9731303	CHR8:9731303	SSF x LoA	-4,19678478	-0,246	0,293
CHR8	9734617	CHR8:9734617	SSF x LoA	-7,15804063	-0,048	0,321
CHR8	9739770	CHR8:9739770	SSF x LoA	-10,2133656	0,033	0,305
CHR8	9742219	CHR8:9742219	SSF x LoA	-9,85908892	-0,099	0,301
CHR8	9780387	CHR8:9780387	SSF x LoA	-11,2645006	-0,053	0,305
CHR8	9780503	CHR8:9780503	SSF x LoA	-6,10139383	0,018	0,320
CHR8	9780527	CHR8:9780527	SSF x LoA	-7,95273902	0,046	0,302
CHR8	9786579	CHR8:9786579	SSF x LoA	-10,6745839	0,009	0,318
CHR8	9786635	CHR8:9786635	SSF x LoA	-10,1762985	0,127	0,302
CHR8	9786726	CHR8:9786726	SSF x LoA	-10,0081573	-0,028	0,309
CHR8	9792484	CHR8:9792484	SSF x LoA	-5,78267254	-0,003	0,325
CHR8	9792526	CHR8:9792526	SSF x LoA	-9,4683966	0,141	0,313
CHR8	9792711	CHR8:9792711	SSF x LoA	-11,0872309	-0,003	0,297
CHR8	9796019	CHR8:9796019	SSF x LoA	-3,8078487	-0,010	0,317
CHR8	9796129	CHR8:9796129	SSF x LoA	-8,3474888	-0,046	0,309
CHR8	9796137	CHR8:9796137	SSF x LoA	-9,3532616	0,030	0,302
CHR8	9796167	CHR8:9796167	SSF x LoA	-6,56622667	-0,034	0,316
CHR8	9796215	CHR8:9796215	SSF x LoA	-10,6343803	-0,040	0,305
CHR8	9798537	CHR8:9798537	SSF x LoA	-8,85214851	-0,021	0,297
CHR8	9798594	CHR8:9798594	SSF x LoA	-7,51279663	0,030	0,308
CHR8	9798679	CHR8:9798679	SSF x LoA	-9,44321966	0,009	0,309
CHR8	981167	CHR8:981167	SSF x LoA	-7,90458933	-0,081	0,306
CHR8	981326	CHR8:981326	SSF x LoA	-6,77532059	0,061	0,313
CHR8	9821670	CHR8:9821670	SSF x LoA	-6,44910146	0,037	0,307
CHR8	9821722	CHR8:9821722	SSF x LoA	-7,5822362	-0,001	0,305
CHR8	9821743	CHR8:9821743	SSF x LoA	-9,38420586	0,048	0,305
CHR8	9821765	CHR8:9821765	SSF x LoA	-6,9410586	0,024	0,308
CHR8	9824381	CHR8:9824381	SSF x LoA	-7,77955789	0,042	0,305
CHR8	9824382	CHR8:9824382	SSF x LoA	-9,43844294	-0,014	0,306
CHR8	9824439	CHR8:9824439	SSF x LoA	-10,1796827	0,062	0,311
CHR8	9824446	CHR8:9824446	SSF x LoA	-10,6839365	0,040	0,295
CHR8	9824609	CHR8:9824609	SSF x LoA	-9,86934723	0,019	0,318
CHR8	983148	CHR8:983148	SSF x LoA	-10,3349929	-0,028	0,326
CHR8	9835949	CHR8:9835949	SSF x LoA	-9,64059773	0,095	0,308
CHR8	9835959	CHR8:9835959	SSF x LoA	-10,0564439	0,033	0,322
CHR8	9835969	CHR8:9835969	SSF x LoA	-9,11049716	0,083	0,304
CHR8	9835975	CHR8:9835975	SSF x LoA	-11,1911417	-0,024	0,297
CHR8	9835980	CHR8:9835980	SSF x LoA	-5,15435592	0,086	0,323
CHR8	9835992	CHR8:9835992	SSF x LoA	-9,68986809	0,075	0,304
CHR8	9836013	CHR8:9836013	SSF x LoA	-7,74878179	-0,103	0,296
CHR8	9836072	CHR8:9836072	SSF x LoA	-10,0238771	-0,054	0,308
CHR8	9836131	CHR8:9836131	SSF x LoA	-10,5598999	-0,015	0,309
CHR8	9836134	CHR8:9836134	SSF x LoA	-9,7457176	-0,014	0,319
CHR8	9836135	CHR8:9836135	SSF x LoA	-10,3623164	0,011	0,313
CHR8	9836139	CHR8:9836139	SSF x LoA	-11,5782046	-0,059	0,313
CHR8	9836198	CHR8:9836198	SSF x LoA	-11,7009589	-0,022	0,303
CHR8	9845361	CHR8:9845361	SSF x LoA	-8,10322086	0,017	0,310
CHR8	9845399	CHR8:9845399	SSF x LoA	-9,37933892	0,025	0,309
CHR8	9845445	CHR8:9845445	SSF x LoA	-10,5172199	-0,010	0,308
CHR8	9847511	CHR8:9847511	SSF x LoA	-7,68266786	0,060	0,314
CHR8	9847519	CHR8:9847519	SSF x LoA	-9,58040733	0,106	0,300
CHR8	9850054	CHR8:9850054	SSF x LoA	-10,8873378	-0,024	0,306
CHR8	9850208	CHR8:9850208	SSF x LoA	-10,1125222	-0,033	0,317

CHR8	9850213	CHR8:9850213	SSF x LoA	-9,64469792	-0,105	0,315
CHR8	9850235	CHR8:9850235	SSF x LoA	-8,84193389	0,073	0,307
CHR8	9850240	CHR8:9850240	SSF x LoA	-9,21064561	0,091	0,313
CHR8	9850249	CHR8:9850249	SSF x LoA	-5,50491541	0,156	0,308
CHR8	9855321	CHR8:9855321	SSF x LoA	-9,01795308	-0,007	0,296
CHR8	9855351	CHR8:9855351	SSF x LoA	-10,0018694	0,044	0,291
CHR8	9855353	CHR8:9855353	SSF x LoA	-9,84571804	0,048	0,284
CHR8	9855357	CHR8:9855357	SSF x LoA	-10,8503379	0,020	0,286
CHR8	9855358	CHR8:9855358	SSF x LoA	-11,0044223	0,009	0,300
CHR8	9855361	CHR8:9855361	SSF x LoA	-9,05806551	0,045	0,284
CHR8	9855365	CHR8:9855365	SSF x LoA	-11,0472777	-0,027	0,303
CHR8	9855370	CHR8:9855370	SSF x LoA	-9,68248186	0,035	0,321
CHR8	9855371	CHR8:9855371	SSF x LoA	-8,79337732	0,019	0,285
CHR8	9855379	CHR8:9855379	SSF x LoA	-12,0278581	-0,016	0,300
CHR8	9855391	CHR8:9855391	SSF x LoA	-8,11479488	0,015	0,317
CHR8	9855474	CHR8:9855474	SSF x LoA	-10,7967608	-0,053	0,311
CHR8	9855499	CHR8:9855499	SSF x LoA	-10,8552198	-0,028	0,306
CHR8	9855502	CHR8:9855502	SSF x LoA	-8,56417921	0,002	0,283
CHR8	9855527	CHR8:9855527	SSF x LoA	-6,99273858	0,067	0,291
CHR8	9855549	CHR8:9855549	SSF x LoA	-8,13920162	-0,172	0,310
CHR8	9857764	CHR8:9857764	SSF x LoA	-8,49622993	-0,049	0,310
CHR8	9857842	CHR8:9857842	SSF x LoA	-8,5994365	-0,051	0,305
CHR8	986046	CHR8:986046	SSF x LoA	-10,6425091	-0,112	0,304
CHR8	986047	CHR8:986047	SSF x LoA	-7,38598474	0,114	0,292
CHR8	986079	CHR8:986079	SSF x LoA	-7,58946527	0,100	0,322
CHR8	986138	CHR8:986138	SSF x LoA	-11,407954	0,015	0,312
CHR8	986153	CHR8:986153	SSF x LoA	-2,26141542	0,127	0,297
CHR8	986165	CHR8:986165	SSF x LoA	-7,73462035	-0,027	0,316
CHR8	986222	CHR8:986222	SSF x LoA	-9,18328172	-0,086	0,322
CHR8	9884914	CHR8:9884914	SSF x LoA	-5,71791367	-0,072	0,309
CHR8	9886664	CHR8:9886664	SSF x LoA	-7,73167613	-0,102	0,302
CHR8	9886677	CHR8:9886677	SSF x LoA	-6,17878625	-0,070	0,320
CHR8	9886708	CHR8:9886708	SSF x LoA	-2,90363298	-0,070	0,305
CHR8	9886725	CHR8:9886725	SSF x LoA	-8,84445487	-0,071	0,307
CHR8	9886729	CHR8:9886729	SSF x LoA	-7,30443913	-0,085	0,302
CHR8	9886741	CHR8:9886741	SSF x LoA	-8,07779307	-0,087	0,315
CHR8	9886756	CHR8:9886756	SSF x LoA	-8,20051955	-0,090	0,311
CHR8	9886783	CHR8:9886783	SSF x LoA	-7,67332206	-0,108	0,311
CHR8	9890478	CHR8:9890478	SSF x LoA	-8,91648265	-0,028	0,310
CHR8	9890608	CHR8:9890608	SSF x LoA	-8,89439857	-0,019	0,309
CHR8	9894641	CHR8:9894641	SSF x LoA	-8,2104367	-0,156	0,312
CHR8	9894664	CHR8:9894664	SSF x LoA	-6,28928532	-0,134	0,297
CHR8	9894697	CHR8:9894697	SSF x LoA	-8,4653153	-0,083	0,301
CHR8	9894708	CHR8:9894708	SSF x LoA	-10,3185804	0,041	0,314
CHR8	9894716	CHR8:9894716	SSF x LoA	-7,86242923	-0,100	0,302
CHR8	989710	CHR8:989710	SSF x LoA	-8,38574551	-0,080	0,320
CHR8	9904878	CHR8:9904878	SSF x LoA	-9,83233952	0,012	0,295
CHR8	9904901	CHR8:9904901	SSF x LoA	-12,0398269	-0,034	0,295
CHR8	9904908	CHR8:9904908	SSF x LoA	-8,43211151	-0,110	0,296
CHR8	9904913	CHR8:9904913	SSF x LoA	-7,89913225	-0,081	0,304
CHR8	9904935	CHR8:9904935	SSF x LoA	-9,2651417	-0,047	0,324
CHR8	9904940	CHR8:9904940	SSF x LoA	-10,5841519	0,081	0,306
CHR8	9904949	CHR8:9904949	SSF x LoA	-8,4934728	0,039	0,299

CHR8	9904973	CHR8:9904973	SSF x LoA	-11,698602	-0,086	0,288
CHR8	9904981	CHR8:9904981	SSF x LoA	-8,46401906	-0,120	0,298
CHR8	9905011	CHR8:9905011	SSF x LoA	-10,4077223	0,063	0,306
CHR8	9905012	CHR8:9905012	SSF x LoA	-7,40837139	0,096	0,297
CHR8	9905954	CHR8:9905954	SSF x LoA	-11,2903988	-0,018	0,314
CHR8	9923620	CHR8:9923620	SSF x LoA	-8,76808844	-0,036	0,317
CHR8	9923645	CHR8:9923645	SSF x LoA	-11,004672	-0,047	0,303
CHR8	9931389	CHR8:9931389	SSF x LoA	-10,4768161	-0,003	0,307
CHR8	9932374	CHR8:9932374	SSF x LoA	-9,61487669	-0,076	0,300
CHR8	9932432	CHR8:9932432	SSF x LoA	-7,43230945	-0,066	0,308
CHR8	9932435	CHR8:9932435	SSF x LoA	-8,3771043	-0,020	0,321
CHR8	9932436	CHR8:9932436	SSF x LoA	-8,75909907	-0,034	0,312
CHR8	9932492	CHR8:9932492	SSF x LoA	-7,2249091	-0,070	0,312
CHR8	9932530	CHR8:9932530	SSF x LoA	-7,31930241	-0,115	0,317
CHR8	9932531	CHR8:9932531	SSF x LoA	-5,71959761	-0,150	0,301
CHR8	9941052	CHR8:9941052	SSF x LoA	-10,8884781	-0,029	0,313
CHR8	9941059	CHR8:9941059	SSF x LoA	-5,42712325	0,152	0,305
CHR8	9941065	CHR8:9941065	SSF x LoA	-9,78646078	0,136	0,304
CHR8	9941068	CHR8:9941068	SSF x LoA	-11,2069408	-0,046	0,300
CHR8	9941117	CHR8:9941117	SSF x LoA	-9,22968227	0,008	0,310
CHR8	9953352	CHR8:9953352	SSF x LoA	-10,1748589	0,006	0,307
CHR8	9953378	CHR8:9953378	SSF x LoA	-9,18563779	-0,078	0,310
CHR8	9956562	CHR8:9956562	SSF x LoA	-11,4523098	-0,052	0,296
CHR8	9956579	CHR8:9956579	SSF x LoA	-8,82294623	0,028	0,306
CHR8	9963426	CHR8:9963426	SSF x LoA	-8,41520319	-0,140	0,303
CHR8	9963646	CHR8:9963646	SSF x LoA	-5,05978207	0,242	0,293
CHR8	9963717	CHR8:9963717	SSF x LoA	-11,9094391	-0,004	0,293
CHR8	9963807	CHR8:9963807	SSF x LoA	-7,98420664	-0,056	0,311
CHR8	9967066	CHR8:9967066	SSF x LoA	-7,24082901	-0,231	0,283
CHR8	9967068	CHR8:9967068	SSF x LoA	-10,2483393	0,036	0,314
CHR8	9967098	CHR8:9967098	SSF x LoA	-9,02239907	0,031	0,338
CHR8	9967147	CHR8:9967147	SSF x LoA	-10,0737134	-0,055	0,300
CHR8	9967192	CHR8:9967192	SSF x LoA	2,92472533	-0,149	0,305
CHR8	9967276	CHR8:9967276	SSF x LoA	-6,41382133	-0,227	0,297
CHR8	9967277	CHR8:9967277	SSF x LoA	-11,6687061	-0,045	0,305
CHR8	9968383	CHR8:9968383	SSF x LoA	-9,71399518	-0,067	0,294
CHR8	9968394	CHR8:9968394	SSF x LoA	-11,3811198	-0,039	0,309
CHR8	9968437	CHR8:9968437	SSF x LoA	-10,1712663	0,010	0,306
CHR8	9968454	CHR8:9968454	SSF x LoA	-9,4116048	-0,024	0,324
CHR8	9973481	CHR8:9973481	SSF x LoA	-9,62158496	-0,050	0,313
CHR8	9984375	CHR8:9984375	SSF x LoA	-6,57004842	0,049	0,312
CHR8	9984386	CHR8:9984386	SSF x LoA	-8,46448623	0,008	0,303
CHR8	9984399	CHR8:9984399	SSF x LoA	-10,1095166	-0,034	0,325
CHR8	9984402	CHR8:9984402	SSF x LoA	-8,77257748	-0,064	0,289
CHR8	9984407	CHR8:9984407	SSF x LoA	-9,85628216	0,019	0,315
CHR8	9984428	CHR8:9984428	SSF x LoA	-9,85475779	-0,078	0,308
CHR8	9984455	CHR8:9984455	SSF x LoA	-6,70946346	0,077	0,312
CHR8	9984477	CHR8:9984477	SSF x LoA	-8,55108179	0,057	0,314
CHR8	9984964	CHR8:9984964	SSF x LoA	-7,96471042	-0,177	0,306
CHR8	9987279	CHR8:9987279	SSF x LoA	-6,94962648	0,153	0,308
CHR8	9987305	CHR8:9987305	SSF x LoA	3,78614617	0,166	0,304
CHR8	9987323	CHR8:9987323	SSF x LoA	-10,0920622	-0,087	0,319
CHR8	9994240	CHR8:9994240	SSF x LoA	-8,15752383	0,015	0,303

CHR8	9994269	CHR8:9994269	SSF x LoA	-9,90740904	0,080	0,305
CHR8	9994327	CHR8:9994327	SSF x LoA	-8,07697114	-0,006	0,326
CHR8	9994349	CHR8:9994349	SSF x LoA	-7,22425446	-0,061	0,310
CHR8	9994385	CHR8:9994385	SSF x LoA	-6,65947439	-0,082	0,311
CHR8	9994395	CHR8:9994395	SSF x LoA	-10,5969833	0,061	0,316
CHR8	9994409	CHR8:9994409	SSF x LoA	-11,0564156	0,033	0,315
CHR8	9994420	CHR8:9994420	SSF x LoA	-11,324258	0,055	0,307
CHR8	9994437	CHR8:9994437	SSF x LoA	-11,1026607	0,061	0,310
CHR8	9999701	CHR8:9999701	SSF x LoA	-9,92810287	-0,016	0,321
CHR8	9999716	CHR8:9999716	SSF x LoA	-11,3592464	0,013	0,318
CHR9	1E+07	CHR9:10001737	SSF x LoA	-8,64193285	-0,037	0,321
CHR9	1E+07	CHR9:10001778	SSF x LoA	-9,0801783	-0,027	0,313
CHR9	1E+07	CHR9:10010160	SSF x LoA	-9,97008204	0,145	0,303
CHR9	1E+07	CHR9:10010204	SSF x LoA	-10,3402934	-0,074	0,316
CHR9	1E+07	CHR9:10030483	SSF x LoA	-11,2826004	-0,140	0,301
CHR9	1E+07	CHR9:10035946	SSF x LoA	-11,2419865	-0,050	0,312
CHR9	1E+07	CHR9:10035949	SSF x LoA	-3,91942946	-0,086	0,311
CHR9	1E+07	CHR9:10035969	SSF x LoA	-6,12124425	0,011	0,306
CHR9	1E+07	CHR9:10035994	SSF x LoA	-9,9543691	-0,103	0,300
CHR9	1E+07	CHR9:10035995	SSF x LoA	-9,58566952	-0,077	0,315
CHR9	1E+07	CHR9:10035998	SSF x LoA	-7,35397759	-0,188	0,298
CHR9	1E+07	CHR9:10036015	SSF x LoA	-8,46391217	0,068	0,304
CHR9	1E+07	CHR9:10036042	SSF x LoA	-5,98490511	0,200	0,298
CHR9	1E+07	CHR9:10036142	SSF x LoA	-10,0269264	0,047	0,309
CHR9	1E+07	CHR9:10036210	SSF x LoA	-7,64963341	-0,072	0,308
CHR9	1E+07	CHR9:10037799	SSF x LoA	-8,16211844	-0,027	0,306
CHR9	1E+07	CHR9:10037865	SSF x LoA	-10,7921088	0,002	0,300
CHR9	1E+07	CHR9:10037889	SSF x LoA	-8,78315885	0,123	0,293
CHR9	1E+07	CHR9:10037895	SSF x LoA	-9,76369232	-0,038	0,306
CHR9	1004163	CHR9:1004163	SSF x LoA	-10,7849979	0,066	0,309
CHR9	1004329	CHR9:1004329	SSF x LoA	-4,01132873	-0,136	0,293
CHR9	1004396	CHR9:1004396	SSF x LoA	-10,0385622	-0,061	0,299
CHR9	1E+07	CHR9:10044636	SSF x LoA	-11,5984012	0,062	0,314
CHR9	1E+07	CHR9:10045636	SSF x LoA	-8,9635437	-0,100	0,315
CHR9	1E+07	CHR9:10045648	SSF x LoA	-7,86635674	-0,086	0,312
CHR9	1E+07	CHR9:10056908	SSF x LoA	-8,96395152	0,034	0,297
CHR9	1E+07	CHR9:10056989	SSF x LoA	-8,99875674	-0,082	0,309
CHR9	1E+07	CHR9:10068550	SSF x LoA	-9,55982286	-0,032	0,307
CHR9	1E+07	CHR9:10068630	SSF x LoA	-10,8596141	0,015	0,302
CHR9	1007289	CHR9:1007289	SSF x LoA	-2,76493733	0,073	0,318
CHR9	1E+07	CHR9:10079952	SSF x LoA	-9,21895964	-0,012	0,298
CHR9	1E+07	CHR9:10080362	SSF x LoA	-9,88541398	0,035	0,302
CHR9	1009417	CHR9:1009417	SSF x LoA	-7,98861988	0,063	0,306
CHR9	1009464	CHR9:1009464	SSF x LoA	-11,201865	0,122	0,290
CHR9	1009474	CHR9:1009474	SSF x LoA	-9,40038626	-0,026	0,290
CHR9	1009513	CHR9:1009513	SSF x LoA	-9,38421815	-0,033	0,311
CHR9	1E+07	CHR9:10095627	SSF x LoA	-8,25361807	0,078	0,308
CHR9	1E+07	CHR9:10095658	SSF x LoA	-10,4679976	0,092	0,304
CHR9	1E+07	CHR9:10095661	SSF x LoA	-8,98907038	-0,009	0,307
CHR9	1E+07	CHR9:10095672	SSF x LoA	-9,07889512	0,017	0,304
CHR9	1E+07	CHR9:10095702	SSF x LoA	-10,399155	-0,059	0,294
CHR9	1E+07	CHR9:10095707	SSF x LoA	-9,10378424	0,017	0,323
CHR9	1E+07	CHR9:10095713	SSF x LoA	-10,3033574	-0,051	0,314

CHR9	1E+07	CHR9:10097845	SSF x LoA	-10,6088578	0,082	0,303
CHR9	1E+07	CHR9:10110613	SSF x LoA	-8,56615139	0,112	0,299
CHR9	1E+07	CHR9:10110949	SSF x LoA	-9,54384704	0,034	0,311
CHR9	1E+07	CHR9:10110987	SSF x LoA	-8,27981559	0,058	0,303
CHR9	1E+07	CHR9:10115587	SSF x LoA	-10,532002	0,075	0,309
CHR9	1E+07	CHR9:10116730	SSF x LoA	-8,88546749	0,067	0,303
CHR9	1E+07	CHR9:10116731	SSF x LoA	-10,2488553	0,019	0,316
CHR9	1E+07	CHR9:10116749	SSF x LoA	-7,38274094	0,107	0,307
CHR9	1E+07	CHR9:10116817	SSF x LoA	-9,17347647	0,038	0,309
CHR9	1E+07	CHR9:10116824	SSF x LoA	-9,42012187	-0,106	0,298
CHR9	1E+07	CHR9:10116915	SSF x LoA	-8,37343556	-0,039	0,314
CHR9	1E+07	CHR9:10130561	SSF x LoA	-11,4069398	0,052	0,311
CHR9	1E+07	CHR9:10146965	SSF x LoA	-6,65228455	-0,143	0,308
CHR9	1E+07	CHR9:10147031	SSF x LoA	-9,25117026	0,092	0,300
CHR9	1E+07	CHR9:10147043	SSF x LoA	-2,48938511	-0,191	0,312
CHR9	1E+07	CHR9:10155595	SSF x LoA	-11,6068237	-0,019	0,311
CHR9	1E+07	CHR9:10155726	SSF x LoA	-9,17362121	0,095	0,304
CHR9	1016207	CHR9:1016207	SSF x LoA	-10,5647064	-0,005	0,309
CHR9	1016427	CHR9:1016427	SSF x LoA	-12,533283	0,035	0,298
CHR9	1E+07	CHR9:10172122	SSF x LoA	-11,4210666	0,054	0,301
CHR9	1E+07	CHR9:10175740	SSF x LoA	-9,2543149	-0,017	0,304
CHR9	1E+07	CHR9:10175960	SSF x LoA	-9,37847992	0,116	0,314
CHR9	1017991	CHR9:1017991	SSF x LoA	-11,6902205	-0,013	0,305
CHR9	1018049	CHR9:1018049	SSF x LoA	-11,5304646	-0,026	0,307
CHR9	1018100	CHR9:1018100	SSF x LoA	-10,8867363	0,025	0,313
CHR9	1018132	CHR9:1018132	SSF x LoA	-3,07019319	-0,186	0,300
CHR9	1E+07	CHR9:10182284	SSF x LoA	-10,1936717	0,016	0,312
CHR9	1E+07	CHR9:10182285	SSF x LoA	-9,95346655	0,010	0,314
CHR9	1E+07	CHR9:10182300	SSF x LoA	-8,63015586	0,044	0,314
CHR9	1E+07	CHR9:10197980	SSF x LoA	-11,6622855	-0,043	0,309
CHR9	1E+07	CHR9:10197991	SSF x LoA	-9,55771197	0,014	0,305
CHR9	1E+07	CHR9:10198002	SSF x LoA	-9,30892864	0,037	0,310
CHR9	1E+07	CHR9:10198007	SSF x LoA	-10,1547273	-0,010	0,300
CHR9	1E+07	CHR9:10202487	SSF x LoA	-7,50636874	0,038	0,306
CHR9	1E+07	CHR9:10203911	SSF x LoA	-11,1334588	0,090	0,306
CHR9	1E+07	CHR9:10204114	SSF x LoA	-11,3620545	-0,068	0,302
CHR9	1E+07	CHR9:10204115	SSF x LoA	-10,5813488	0,006	0,303
CHR9	1E+07	CHR9:10207049	SSF x LoA	-9,96369243	0,049	0,310
CHR9	1E+07	CHR9:10207213	SSF x LoA	-11,3473031	-0,020	0,305
CHR9	1E+07	CHR9:10214137	SSF x LoA	-9,81313104	0,127	0,311
CHR9	1E+07	CHR9:10220144	SSF x LoA	-9,80874492	-0,086	0,314
CHR9	1E+07	CHR9:10220179	SSF x LoA	-9,97095325	0,089	0,301
CHR9	1E+07	CHR9:10220180	SSF x LoA	-11,0076097	-0,052	0,316
CHR9	1E+07	CHR9:10230325	SSF x LoA	-6,37160109	-0,124	0,305
CHR9	1E+07	CHR9:10230335	SSF x LoA	-9,36034191	-0,011	0,307
CHR9	1E+07	CHR9:10230378	SSF x LoA	-5,29170549	0,096	0,306
CHR9	1E+07	CHR9:10230417	SSF x LoA	-9,45183219	0,051	0,306
CHR9	1E+07	CHR9:10230467	SSF x LoA	-8,08889399	0,049	0,320
CHR9	1E+07	CHR9:10230473	SSF x LoA	-9,72933226	-0,028	0,297
CHR9	1E+07	CHR9:10230486	SSF x LoA	-9,26599404	-0,033	0,299
CHR9	1E+07	CHR9:10230501	SSF x LoA	-8,76705835	0,094	0,317
CHR9	1E+07	CHR9:10230511	SSF x LoA	-8,64862017	-0,065	0,304
CHR9	1E+07	CHR9:10230539	SSF x LoA	-9,01772358	0,008	0,310

CHR9	1E+07	CHR9:10230543	SSF x LoA	-9,65304592	0,128	0,285
CHR9	1E+07	CHR9:10230573	SSF x LoA	-9,49236895	-0,024	0,313
CHR9	1E+07	CHR9:10245356	SSF x LoA	-8,34123141	-0,042	0,306
CHR9	1E+07	CHR9:10245369	SSF x LoA	-10,9602603	0,009	0,307
CHR9	1E+07	CHR9:10252335	SSF x LoA	-11,4331907	-0,012	0,303
CHR9	1E+07	CHR9:10252385	SSF x LoA	-9,50975348	0,024	0,304
CHR9	1E+07	CHR9:10252517	SSF x LoA	-10,5752369	0,116	0,301
CHR9	1E+07	CHR9:10259572	SSF x LoA	-8,47006882	0,074	0,327
CHR9	1E+07	CHR9:10272237	SSF x LoA	-7,11504674	-0,064	0,297
CHR9	1E+07	CHR9:10286141	SSF x LoA	-10,0424844	-0,026	0,304
CHR9	1E+07	CHR9:10286182	SSF x LoA	-9,17461289	0,019	0,309
CHR9	1E+07	CHR9:10286205	SSF x LoA	-9,65833707	-0,220	0,290
CHR9	1E+07	CHR9:10286208	SSF x LoA	-9,20659427	0,057	0,294
CHR9	1E+07	CHR9:10286252	SSF x LoA	-11,4797648	-0,012	0,302
CHR9	1E+07	CHR9:10286295	SSF x LoA	-11,1550947	-0,010	0,313
CHR9	1E+07	CHR9:10286331	SSF x LoA	-8,21258135	-0,018	0,320
CHR9	1E+07	CHR9:10286333	SSF x LoA	-11,7859252	0,019	0,307
CHR9	1E+07	CHR9:10286373	SSF x LoA	-11,8331951	-0,106	0,296
CHR9	1E+07	CHR9:10286394	SSF x LoA	-5,77001424	0,156	0,320
CHR9	1E+07	CHR9:10287726	SSF x LoA	-11,7670825	0,001	0,295
CHR9	1E+07	CHR9:10287875	SSF x LoA	-8,72876418	-0,007	0,314
CHR9	1E+07	CHR9:10287954	SSF x LoA	-6,45565709	0,093	0,315
CHR9	1E+07	CHR9:10287957	SSF x LoA	-6,76020399	0,180	0,296
CHR9	1E+07	CHR9:10299001	SSF x LoA	-5,68223992	0,080	0,291
CHR9	1E+07	CHR9:10299063	SSF x LoA	-10,6571371	0,041	0,326
CHR9	1E+07	CHR9:10299066	SSF x LoA	-9,07030932	-0,044	0,315
CHR9	1E+07	CHR9:10299103	SSF x LoA	-8,95237059	0,048	0,302
CHR9	1E+07	CHR9:10299789	SSF x LoA	-4,61816494	0,232	0,297
CHR9	1E+07	CHR9:10299805	SSF x LoA	-10,8060909	-0,111	0,298
CHR9	1E+07	CHR9:10299814	SSF x LoA	-11,6411807	-0,004	0,304
CHR9	1E+07	CHR9:10299825	SSF x LoA	-10,5625432	0,005	0,308
CHR9	1E+07	CHR9:10304963	SSF x LoA	-8,82067527	-0,020	0,320
CHR9	1E+07	CHR9:10305017	SSF x LoA	-2,25476629	-0,107	0,313
CHR9	1E+07	CHR9:10305019	SSF x LoA	-8,50465456	-0,039	0,305
CHR9	1E+07	CHR9:10306498	SSF x LoA	-7,72619326	-0,108	0,301
CHR9	1E+07	CHR9:10317897	SSF x LoA	-8,07134167	-0,032	0,311
CHR9	1E+07	CHR9:10317970	SSF x LoA	-6,9698184	-0,126	0,304
CHR9	1E+07	CHR9:10317980	SSF x LoA	-7,85933504	-0,038	0,319
CHR9	1E+07	CHR9:10317991	SSF x LoA	-8,79338717	0,076	0,290
CHR9	1E+07	CHR9:10327913	SSF x LoA	-11,6280356	-0,002	0,300
CHR9	1E+07	CHR9:10327915	SSF x LoA	-11,1238854	-0,011	0,308
CHR9	1E+07	CHR9:10327936	SSF x LoA	-10,7812304	-0,047	0,306
CHR9	1E+07	CHR9:10327963	SSF x LoA	-8,77670275	-0,120	0,299
CHR9	1E+07	CHR9:10336414	SSF x LoA	-10,6815801	0,042	0,306
CHR9	1E+07	CHR9:10336438	SSF x LoA	-9,06344544	-0,004	0,320
CHR9	1E+07	CHR9:10336452	SSF x LoA	-0,50626548	-0,023	0,315
CHR9	1E+07	CHR9:10336472	SSF x LoA	-7,79041908	0,009	0,312
CHR9	1E+07	CHR9:10344602	SSF x LoA	-9,04140237	0,029	0,295
CHR9	1E+07	CHR9:10344604	SSF x LoA	-8,70818382	0,080	0,303
CHR9	1E+07	CHR9:10344635	SSF x LoA	-4,93079475	0,164	0,311
CHR9	1E+07	CHR9:10344652	SSF x LoA	-8,13712328	0,085	0,298
CHR9	1E+07	CHR9:10344653	SSF x LoA	-4,85524767	-0,104	0,308
CHR9	1E+07	CHR9:10344735	SSF x LoA	-6,84258683	0,081	0,320

CHR9	1E+07	CHR9:10344776	SSF x LoA	-8,57821094	0,042	0,316
CHR9	1E+07	CHR9:10344790	SSF x LoA	-10,4576323	-0,076	0,302
CHR9	1E+07	CHR9:10344795	SSF x LoA	-9,46177427	-0,084	0,302
CHR9	1035262	CHR9:1035262	SSF x LoA	-5,75297973	-0,025	0,299
CHR9	1035348	CHR9:1035348	SSF x LoA	-8,87788036	-0,065	0,305
CHR9	1E+07	CHR9:10354193	SSF x LoA	-9,51993223	0,012	0,311
CHR9	1E+07	CHR9:10357926	SSF x LoA	-11,2921531	0,086	0,299
CHR9	1E+07	CHR9:10357973	SSF x LoA	-9,55365933	-0,030	0,297
CHR9	1E+07	CHR9:10358020	SSF x LoA	-7,37166491	0,136	0,304
CHR9	1E+07	CHR9:10358070	SSF x LoA	-10,0111631	0,125	0,304
CHR9	1E+07	CHR9:10358079	SSF x LoA	-8,43554537	0,009	0,316
CHR9	1E+07	CHR9:10370980	SSF x LoA	-7,6673427	-0,060	0,329
CHR9	1E+07	CHR9:10370986	SSF x LoA	-8,73737878	-0,060	0,313
CHR9	1E+07	CHR9:10373508	SSF x LoA	-7,10527679	0,106	0,305
CHR9	1E+07	CHR9:10373673	SSF x LoA	-7,67487432	0,063	0,311
CHR9	1E+07	CHR9:10373677	SSF x LoA	-9,31185173	-0,060	0,321
CHR9	1E+07	CHR9:10378396	SSF x LoA	-10,5103157	0,038	0,310
CHR9	1E+07	CHR9:10378466	SSF x LoA	-10,4311549	0,048	0,295
CHR9	1E+07	CHR9:10378494	SSF x LoA	-9,7076035	0,000	0,316
CHR9	1E+07	CHR9:10384844	SSF x LoA	-9,8518696	0,060	0,311
CHR9	1E+07	CHR9:10399162	SSF x LoA	-10,9611243	-0,097	0,312
CHR9	1E+07	CHR9:10410167	SSF x LoA	-7,33095714	-0,017	0,323
CHR9	1E+07	CHR9:10410496	SSF x LoA	-8,44541812	-0,098	0,309
CHR9	1E+07	CHR9:10410499	SSF x LoA	-8,92110755	-0,065	0,293
CHR9	1E+07	CHR9:10410508	SSF x LoA	-5,67333253	-0,083	0,299
CHR9	1E+07	CHR9:10418140	SSF x LoA	-7,24279861	-0,077	0,304
CHR9	1E+07	CHR9:10419690	SSF x LoA	-10,6136436	-0,035	0,304
CHR9	1E+07	CHR9:10420125	SSF x LoA	-7,79308361	-0,018	0,329
CHR9	1E+07	CHR9:10420163	SSF x LoA	-10,6906659	0,074	0,312
CHR9	1E+07	CHR9:10420234	SSF x LoA	-8,46823668	0,067	0,320
CHR9	1E+07	CHR9:10420243	SSF x LoA	-1,46312798	-0,226	0,295
CHR9	1E+07	CHR9:10429453	SSF x LoA	-10,2940908	-0,081	0,313
CHR9	1E+07	CHR9:10429660	SSF x LoA	-11,5248861	0,019	0,306
CHR9	1E+07	CHR9:10429674	SSF x LoA	-10,5695316	0,023	0,304
CHR9	1E+07	CHR9:10430950	SSF x LoA	-7,49658595	0,022	0,305
CHR9	1E+07	CHR9:10430983	SSF x LoA	-8,72203185	0,064	0,304
CHR9	1E+07	CHR9:10433627	SSF x LoA	-7,17803377	0,095	0,296
CHR9	1E+07	CHR9:10450872	SSF x LoA	-8,87446797	0,064	0,321
CHR9	1E+07	CHR9:10450886	SSF x LoA	-10,1343094	0,062	0,306
CHR9	1E+07	CHR9:10450891	SSF x LoA	-11,8685905	0,019	0,305
CHR9	1E+07	CHR9:10455616	SSF x LoA	-8,97155693	0,052	0,312
CHR9	1E+07	CHR9:10455771	SSF x LoA	-10,6592857	-0,066	0,305
CHR9	1E+07	CHR9:10455776	SSF x LoA	-9,39818015	-0,060	0,307
CHR9	1E+07	CHR9:10455777	SSF x LoA	-9,65033279	-0,049	0,304
CHR9	1E+07	CHR9:10457703	SSF x LoA	-9,88886181	-0,096	0,312
CHR9	1E+07	CHR9:10457719	SSF x LoA	-9,32905183	-0,094	0,298
CHR9	1E+07	CHR9:10457725	SSF x LoA	-8,52731046	-0,059	0,315
CHR9	1E+07	CHR9:10457786	SSF x LoA	-8,76726904	-0,128	0,311
CHR9	1E+07	CHR9:10457802	SSF x LoA	-8,49762389	0,019	0,302
CHR9	1E+07	CHR9:10457807	SSF x LoA	-9,76198077	-0,091	0,305
CHR9	1E+07	CHR9:10457808	SSF x LoA	-9,00137975	-0,114	0,307
CHR9	1E+07	CHR9:10457828	SSF x LoA	-7,43139894	0,110	0,306
CHR9	1E+07	CHR9:10457858	SSF x LoA	-5,47255242	-0,069	0,305

CHR9	1E+07	CHR9:10457893	SSF x LoA	-9,49777386	-0,029	0,321
CHR9	1E+07	CHR9:10457936	SSF x LoA	-9,86154799	0,043	0,314
CHR9	1E+07	CHR9:10463802	SSF x LoA	-8,66347011	0,058	0,299
CHR9	1E+07	CHR9:10463831	SSF x LoA	-7,59263076	-0,027	0,318
CHR9	1E+07	CHR9:10470924	SSF x LoA	-5,76568972	-0,010	0,324
CHR9	1E+07	CHR9:10470934	SSF x LoA	-10,6997132	-0,001	0,309
CHR9	1E+07	CHR9:10475987	SSF x LoA	-8,61994937	-0,049	0,300
CHR9	1E+07	CHR9:10476060	SSF x LoA	-11,8163523	0,052	0,294
CHR9	1E+07	CHR9:10481474	SSF x LoA	-8,87807631	0,055	0,311
CHR9	1E+07	CHR9:10482272	SSF x LoA	-7,59072293	0,106	0,314
CHR9	1E+07	CHR9:10482298	SSF x LoA	-10,1096293	0,058	0,310
CHR9	1E+07	CHR9:10482347	SSF x LoA	-11,4022946	0,063	0,318
CHR9	1E+07	CHR9:10487786	SSF x LoA	-10,6816655	-0,019	0,311
CHR9	1E+07	CHR9:10488003	SSF x LoA	-9,67976135	-0,035	0,304
CHR9	1048847	CHR9:1048847	SSF x LoA	-6,26387489	0,088	0,300
CHR9	1E+07	CHR9:10496166	SSF x LoA	-9,80354661	0,045	0,299
CHR9	1E+07	CHR9:10496213	SSF x LoA	-8,69447756	0,057	0,306
CHR9	1E+07	CHR9:10496232	SSF x LoA	-11,1943971	0,054	0,306
CHR9	1E+07	CHR9:10496242	SSF x LoA	-7,82695533	-0,048	0,305
CHR9	1E+07	CHR9:10496299	SSF x LoA	-8,05571629	-0,051	0,312
CHR9	10501881	CHR9:10501881	SSF x LoA	-9,74698322	0,069	0,319
CHR9	10502438	CHR9:10502438	SSF x LoA	-9,55331047	0,080	0,312
CHR9	10502479	CHR9:10502479	SSF x LoA	-9,81807561	0,081	0,305
CHR9	10504699	CHR9:10504699	SSF x LoA	-10,1300463	0,027	0,290
CHR9	10504720	CHR9:10504720	SSF x LoA	-10,1288862	-0,016	0,325
CHR9	10504788	CHR9:10504788	SSF x LoA	-8,39135462	-0,010	0,304
CHR9	10505242	CHR9:10505242	SSF x LoA	-6,605176	-0,145	0,303
CHR9	10506983	CHR9:10506983	SSF x LoA	-7,37946226	0,046	0,320
CHR9	10507017	CHR9:10507017	SSF x LoA	-10,1500255	0,120	0,300
CHR9	10509716	CHR9:10509716	SSF x LoA	-8,3535392	0,139	0,294
CHR9	10509772	CHR9:10509772	SSF x LoA	-11,7247044	-0,024	0,305
CHR9	10517924	CHR9:10517924	SSF x LoA	-8,76427176	0,028	0,311
CHR9	10517996	CHR9:10517996	SSF x LoA	-10,9463999	-0,090	0,302
CHR9	10518012	CHR9:10518012	SSF x LoA	-9,22665057	-0,039	0,303
CHR9	10518024	CHR9:10518024	SSF x LoA	-8,76235139	-0,027	0,297
CHR9	10518034	CHR9:10518034	SSF x LoA	-9,25766925	0,016	0,311
CHR9	10523646	CHR9:10523646	SSF x LoA	-2,85694235	-0,121	0,311
CHR9	10523836	CHR9:10523836	SSF x LoA	-9,86749321	-0,014	0,309
CHR9	10523844	CHR9:10523844	SSF x LoA	-10,5061656	0,002	0,293
CHR9	10523858	CHR9:10523858	SSF x LoA	-11,6413208	0,026	0,299
CHR9	10523895	CHR9:10523895	SSF x LoA	-9,41267799	-0,006	0,298
CHR9	10530109	CHR9:10530109	SSF x LoA	-9,97473877	-0,059	0,311
CHR9	10530147	CHR9:10530147	SSF x LoA	-11,6893663	-0,055	0,306
CHR9	10530194	CHR9:10530194	SSF x LoA	-10,4314393	0,112	0,307
CHR9	10530227	CHR9:10530227	SSF x LoA	-9,39177292	0,001	0,301
CHR9	10530230	CHR9:10530230	SSF x LoA	-9,36202401	-0,071	0,314
CHR9	10539118	CHR9:10539118	SSF x LoA	-8,38976325	-0,053	0,300
CHR9	10539119	CHR9:10539119	SSF x LoA	-10,2759047	-0,058	0,300
CHR9	10539135	CHR9:10539135	SSF x LoA	-9,63509341	0,086	0,302
CHR9	10539151	CHR9:10539151	SSF x LoA	-8,91649573	-0,077	0,313
CHR9	10539184	CHR9:10539184	SSF x LoA	-8,11175159	0,101	0,304
CHR9	10539193	CHR9:10539193	SSF x LoA	-10,7425103	-0,019	0,319
CHR9	10539278	CHR9:10539278	SSF x LoA	-8,57180762	-0,065	0,301

CHR9	10539280	CHR9:10539280	SSF x LoA	-9,04078639	-0,011	0,294
CHR9	10539288	CHR9:10539288	SSF x LoA	-9,78289736	-0,004	0,318
CHR9	10544276	CHR9:10544276	SSF x LoA	-8,84643077	-0,059	0,292
CHR9	10544310	CHR9:10544310	SSF x LoA	-6,77110807	0,120	0,297
CHR9	10544327	CHR9:10544327	SSF x LoA	-10,8816843	-0,010	0,301
CHR9	10544352	CHR9:10544352	SSF x LoA	-9,33199224	-0,068	0,299
CHR9	10544378	CHR9:10544378	SSF x LoA	-9,68000042	0,009	0,304
CHR9	10553768	CHR9:10553768	SSF x LoA	-9,88411041	-0,184	0,300
CHR9	10553776	CHR9:10553776	SSF x LoA	-10,093896	0,037	0,292
CHR9	10560694	CHR9:10560694	SSF x LoA	-7,85292327	0,033	0,310
CHR9	10561292	CHR9:10561292	SSF x LoA	-9,54590149	0,162	0,307
CHR9	10561315	CHR9:10561315	SSF x LoA	1,793029	0,106	0,307
CHR9	10561335	CHR9:10561335	SSF x LoA	-9,25628098	-0,107	0,304
CHR9	10561356	CHR9:10561356	SSF x LoA	-8,56902266	0,133	0,307
CHR9	10561372	CHR9:10561372	SSF x LoA	-11,4392129	0,041	0,294
CHR9	10571422	CHR9:10571422	SSF x LoA	-11,4907786	-0,049	0,314
CHR9	10571502	CHR9:10571502	SSF x LoA	-7,61959759	0,030	0,312
CHR9	10571516	CHR9:10571516	SSF x LoA	-9,28546843	-0,052	0,297
CHR9	10573383	CHR9:10573383	SSF x LoA	-11,9079682	-0,043	0,307
CHR9	10580851	CHR9:10580851	SSF x LoA	-9,24367358	0,017	0,302
CHR9	10580895	CHR9:10580895	SSF x LoA	-10,4513953	-0,092	0,310
CHR9	10580907	CHR9:10580907	SSF x LoA	-11,0018616	0,044	0,299
CHR9	10580923	CHR9:10580923	SSF x LoA	-8,61914547	-0,061	0,309
CHR9	10580972	CHR9:10580972	SSF x LoA	-6,81457974	-0,104	0,302
CHR9	10580990	CHR9:10580990	SSF x LoA	-10,6869997	-0,054	0,307
CHR9	10581162	CHR9:10581162	SSF x LoA	-11,4728238	0,064	0,292
CHR9	10586016	CHR9:10586016	SSF x LoA	-10,8910426	-0,027	0,316
CHR9	10586019	CHR9:10586019	SSF x LoA	-3,26280301	-0,032	0,316
CHR9	10586036	CHR9:10586036	SSF x LoA	-7,50941297	-0,079	0,320
CHR9	10586041	CHR9:10586041	SSF x LoA	-9,25125015	0,043	0,307
CHR9	10586124	CHR9:10586124	SSF x LoA	-11,5032739	-0,011	0,308
CHR9	10586148	CHR9:10586148	SSF x LoA	-9,06751276	-0,039	0,303
CHR9	10586161	CHR9:10586161	SSF x LoA	-9,40546746	-0,002	0,299
CHR9	10593435	CHR9:10593435	SSF x LoA	-9,54684163	-0,051	0,313
CHR9	10598369	CHR9:10598369	SSF x LoA	-5,59558537	-0,150	0,297
CHR9	10598673	CHR9:10598673	SSF x LoA	-8,08650026	-0,075	0,300
CHR9	10604017	CHR9:10604017	SSF x LoA	-11,5248427	-0,052	0,304
CHR9	10604044	CHR9:10604044	SSF x LoA	-9,58069638	0,074	0,298
CHR9	10604064	CHR9:10604064	SSF x LoA	-9,70959869	0,064	0,310
CHR9	10604079	CHR9:10604079	SSF x LoA	-10,3544061	0,004	0,311
CHR9	10604081	CHR9:10604081	SSF x LoA	-7,07662406	0,015	0,303
CHR9	10604084	CHR9:10604084	SSF x LoA	-10,2290619	-0,005	0,303
CHR9	10609265	CHR9:10609265	SSF x LoA	-11,5967887	0,006	0,316
CHR9	10609406	CHR9:10609406	SSF x LoA	-10,7875967	-0,045	0,306
CHR9	10611748	CHR9:10611748	SSF x LoA	-9,84194211	-0,090	0,316
CHR9	10611825	CHR9:10611825	SSF x LoA	-8,62687851	-0,014	0,303
CHR9	10611875	CHR9:10611875	SSF x LoA	-11,692489	0,053	0,300
CHR9	10613745	CHR9:10613745	SSF x LoA	-10,9637758	-0,031	0,318
CHR9	10621245	CHR9:10621245	SSF x LoA	-6,62264755	0,173	0,302
CHR9	10621271	CHR9:10621271	SSF x LoA	-12,4459214	0,037	0,299
CHR9	10622922	CHR9:10622922	SSF x LoA	-9,07024525	-0,070	0,304
CHR9	10622965	CHR9:10622965	SSF x LoA	-5,31947444	-0,205	0,293
CHR9	10629673	CHR9:10629673	SSF x LoA	-10,934697	-0,005	0,316

CHR9	10629722	CHR9:10629722	SSF x LoA	-10,6449902	-0,101	0,302
CHR9	10633520	CHR9:10633520	SSF x LoA	-5,63955297	-0,019	0,315
CHR9	10633567	CHR9:10633567	SSF x LoA	-10,0181498	-0,135	0,310
CHR9	10633605	CHR9:10633605	SSF x LoA	-10,5357126	-0,005	0,302
CHR9	10636997	CHR9:10636997	SSF x LoA	-9,50129739	0,018	0,300
CHR9	10651292	CHR9:10651292	SSF x LoA	-8,4989657	0,030	0,308
CHR9	10651490	CHR9:10651490	SSF x LoA	-9,75668615	0,032	0,311
CHR9	10661710	CHR9:10661710	SSF x LoA	-9,8783978	0,070	0,309
CHR9	10661762	CHR9:10661762	SSF x LoA	-8,946073	-0,034	0,315
CHR9	10661819	CHR9:10661819	SSF x LoA	-9,2761782	0,053	0,296
CHR9	10661852	CHR9:10661852	SSF x LoA	-8,89165134	0,053	0,310
CHR9	10680916	CHR9:10680916	SSF x LoA	-9,62290505	-0,009	0,293
CHR9	10680943	CHR9:10680943	SSF x LoA	-6,57868236	-0,096	0,300
CHR9	10680944	CHR9:10680944	SSF x LoA	-9,07312034	-0,100	0,313
CHR9	10682813	CHR9:10682813	SSF x LoA	-7,94198006	0,093	0,309
CHR9	10682831	CHR9:10682831	SSF x LoA	-9,62616194	-0,072	0,304
CHR9	10682839	CHR9:10682839	SSF x LoA	-8,56881607	-0,120	0,304
CHR9	10682995	CHR9:10682995	SSF x LoA	-6,11704532	-0,158	0,305
CHR9	10689408	CHR9:10689408	SSF x LoA	-9,74386386	-0,017	0,311
CHR9	10689424	CHR9:10689424	SSF x LoA	-9,56684184	-0,017	0,312
CHR9	1070175	CHR9:1070175	SSF x LoA	-10,6009043	0,010	0,316
CHR9	10701970	CHR9:10701970	SSF x LoA	-11,8124728	-0,050	0,308
CHR9	1070238	CHR9:1070238	SSF x LoA	-10,2833537	0,073	0,289
CHR9	1070259	CHR9:1070259	SSF x LoA	-12,123987	0,070	0,298
CHR9	10710642	CHR9:10710642	SSF x LoA	-9,73883794	0,009	0,319
CHR9	10710671	CHR9:10710671	SSF x LoA	-5,97299747	-0,101	0,320
CHR9	10710732	CHR9:10710732	SSF x LoA	-9,74328743	-0,036	0,303
CHR9	10710826	CHR9:10710826	SSF x LoA	-11,1798523	0,124	0,306
CHR9	10714462	CHR9:10714462	SSF x LoA	-8,98983304	0,040	0,297
CHR9	10714463	CHR9:10714463	SSF x LoA	-9,59024131	-0,001	0,305
CHR9	10714485	CHR9:10714485	SSF x LoA	-10,2203008	0,030	0,298
CHR9	10715215	CHR9:10715215	SSF x LoA	-9,25413152	-0,004	0,315
CHR9	10718503	CHR9:10718503	SSF x LoA	-9,68287704	-0,029	0,303
CHR9	10718518	CHR9:10718518	SSF x LoA	-10,3326833	-0,097	0,303
CHR9	10718550	CHR9:10718550	SSF x LoA	-10,9310061	0,031	0,309
CHR9	10718558	CHR9:10718558	SSF x LoA	-10,0338077	-0,058	0,292
CHR9	10718642	CHR9:10718642	SSF x LoA	-10,1854895	-0,085	0,313
CHR9	10731904	CHR9:10731904	SSF x LoA	-8,19777724	0,148	0,297
CHR9	10731922	CHR9:10731922	SSF x LoA	-10,2648071	0,175	0,287
CHR9	10732020	CHR9:10732020	SSF x LoA	-9,91612581	0,110	0,302
CHR9	10732032	CHR9:10732032	SSF x LoA	-7,03964743	0,126	0,293
CHR9	10734648	CHR9:10734648	SSF x LoA	-10,1854674	0,087	0,305
CHR9	10734697	CHR9:10734697	SSF x LoA	-9,52519575	-0,164	0,293
CHR9	10734701	CHR9:10734701	SSF x LoA	-11,8199022	-0,029	0,321
CHR9	10734706	CHR9:10734706	SSF x LoA	-9,57318148	0,098	0,297
CHR9	10736028	CHR9:10736028	SSF x LoA	-6,38035626	-0,059	0,296
CHR9	10736041	CHR9:10736041	SSF x LoA	-9,47170706	-0,009	0,302
CHR9	10747062	CHR9:10747062	SSF x LoA	-9,47267881	-0,097	0,312
CHR9	10747068	CHR9:10747068	SSF x LoA	-10,9491319	-0,085	0,299
CHR9	10747103	CHR9:10747103	SSF x LoA	-6,55174874	-0,072	0,309
CHR9	1074841	CHR9:1074841	SSF x LoA	-10,6693015	-0,013	0,312
CHR9	1074861	CHR9:1074861	SSF x LoA	-7,62231595	-0,144	0,281
CHR9	1074873	CHR9:1074873	SSF x LoA	-2,60534749	-0,129	0,304

CHR9	10750194	CHR9:10750194	SSF x LoA	-8,31365925	-0,129	0,300
CHR9	10750203	CHR9:10750203	SSF x LoA	-9,40226602	0,015	0,297
CHR9	10750206	CHR9:10750206	SSF x LoA	-10,9289988	0,060	0,309
CHR9	10750239	CHR9:10750239	SSF x LoA	-9,1063994	0,041	0,306
CHR9	10750244	CHR9:10750244	SSF x LoA	-7,02318052	0,019	0,304
CHR9	10750288	CHR9:10750288	SSF x LoA	-10,0615915	0,087	0,309
CHR9	10750352	CHR9:10750352	SSF x LoA	-6,65515216	-0,087	0,300
CHR9	10750372	CHR9:10750372	SSF x LoA	-9,58062624	-0,083	0,308
CHR9	10756795	CHR9:10756795	SSF x LoA	-9,98643744	0,074	0,294
CHR9	10762113	CHR9:10762113	SSF x LoA	-10,6932013	-0,025	0,295
CHR9	10762194	CHR9:10762194	SSF x LoA	1,13435319	0,164	0,283
CHR9	10762220	CHR9:10762220	SSF x LoA	-11,0839233	0,086	0,302
CHR9	10762227	CHR9:10762227	SSF x LoA	-10,5193626	0,085	0,308
CHR9	10765728	CHR9:10765728	SSF x LoA	-9,51134682	-0,070	0,305
CHR9	10765801	CHR9:10765801	SSF x LoA	-8,4790864	-0,004	0,318
CHR9	10765855	CHR9:10765855	SSF x LoA	-9,87941163	-0,105	0,292
CHR9	10776463	CHR9:10776463	SSF x LoA	-8,88092926	0,015	0,307
CHR9	10776527	CHR9:10776527	SSF x LoA	-10,9871511	0,037	0,300
CHR9	10776555	CHR9:10776555	SSF x LoA	-8,40826476	0,025	0,319
CHR9	10783688	CHR9:10783688	SSF x LoA	-9,58917001	0,027	0,297
CHR9	10783752	CHR9:10783752	SSF x LoA	-9,87303751	-0,025	0,310
CHR9	10783782	CHR9:10783782	SSF x LoA	-11,7193532	0,063	0,307
CHR9	1079129	CHR9:1079129	SSF x LoA	-10,159375	0,056	0,318
CHR9	1079153	CHR9:1079153	SSF x LoA	-10,2310032	-0,004	0,297
CHR9	1079159	CHR9:1079159	SSF x LoA	-6,50266893	-0,009	0,300
CHR9	10796248	CHR9:10796248	SSF x LoA	-10,9242094	-0,030	0,315
CHR9	10796270	CHR9:10796270	SSF x LoA	-6,66842046	-0,068	0,309
CHR9	10796342	CHR9:10796342	SSF x LoA	-11,0838101	-0,030	0,304
CHR9	10796431	CHR9:10796431	SSF x LoA	-11,7767541	0,036	0,304
CHR9	1080201	CHR9:1080201	SSF x LoA	-6,92117229	0,119	0,291
CHR9	1080365	CHR9:1080365	SSF x LoA	-7,69335948	-0,121	0,315
CHR9	10806188	CHR9:10806188	SSF x LoA	-7,25393523	0,092	0,303
CHR9	10814385	CHR9:10814385	SSF x LoA	-11,2059623	0,067	0,309
CHR9	1081441	CHR9:1081441	SSF x LoA	-7,70697531	-0,086	0,285
CHR9	1081463	CHR9:1081463	SSF x LoA	-4,98595346	0,205	0,287
CHR9	1081474	CHR9:1081474	SSF x LoA	-4,33268357	0,189	0,273
CHR9	10842369	CHR9:10842369	SSF x LoA	-8,27359901	0,057	0,312
CHR9	10842380	CHR9:10842380	SSF x LoA	-7,75277687	-0,089	0,315
CHR9	10842543	CHR9:10842543	SSF x LoA	-7,46258537	0,024	0,328
CHR9	10842549	CHR9:10842549	SSF x LoA	-6,84752507	0,021	0,320
CHR9	10842556	CHR9:10842556	SSF x LoA	-9,36851928	0,020	0,304
CHR9	10850418	CHR9:10850418	SSF x LoA	-5,92454298	-0,064	0,312
CHR9	10854365	CHR9:10854365	SSF x LoA	-4,48322265	-0,069	0,306
CHR9	10863040	CHR9:10863040	SSF x LoA	-10,677933	-0,019	0,315
CHR9	10863129	CHR9:10863129	SSF x LoA	-11,818998	-0,057	0,305
CHR9	10870730	CHR9:10870730	SSF x LoA	-9,43764803	0,006	0,304
CHR9	10878711	CHR9:10878711	SSF x LoA	-9,76999701	0,082	0,323
CHR9	10878723	CHR9:10878723	SSF x LoA	-7,74004351	0,181	0,297
CHR9	10884627	CHR9:10884627	SSF x LoA	-8,65569924	-0,051	0,313
CHR9	10911797	CHR9:10911797	SSF x LoA	-8,28438722	0,115	0,300
CHR9	1092998	CHR9:1092998	SSF x LoA	-7,44665761	-0,229	0,282
CHR9	1094685	CHR9:1094685	SSF x LoA	-7,72301828	-0,023	0,311
CHR9	1095259	CHR9:1095259	SSF x LoA	-9,31970108	0,053	0,307

CHR9	10960	CHR9:10960	SSF x LoA	-8,75943047	-0,036	0,313
CHR9	10981797	CHR9:10981797	SSF x LoA	-9,02582205	-0,087	0,307
CHR9	10994149	CHR9:10994149	SSF x LoA	-8,43765067	0,072	0,310
CHR9	11026816	CHR9:11026816	SSF x LoA	-9,6391832	-0,067	0,305
CHR9	11034040	CHR9:11034040	SSF x LoA	-4,6061944	-0,203	0,288
CHR9	11045429	CHR9:11045429	SSF x LoA	-9,60055471	-0,051	0,310
CHR9	11045438	CHR9:11045438	SSF x LoA	-9,87456082	-0,053	0,320
CHR9	11045616	CHR9:11045616	SSF x LoA	-11,6008553	0,062	0,307
CHR9	11048765	CHR9:11048765	SSF x LoA	-6,5490649	0,152	0,284
CHR9	11048771	CHR9:11048771	SSF x LoA	-9,84846797	0,086	0,300
CHR9	11048893	CHR9:11048893	SSF x LoA	-8,85970133	0,094	0,303
CHR9	11052689	CHR9:11052689	SSF x LoA	-9,84456414	0,052	0,322
CHR9	11052791	CHR9:11052791	SSF x LoA	-11,0034384	-0,087	0,301
CHR9	11052815	CHR9:11052815	SSF x LoA	-8,7247808	0,105	0,295
CHR9	11052821	CHR9:11052821	SSF x LoA	-12,2522503	-0,002	0,316
CHR9	1105765	CHR9:1105765	SSF x LoA	-9,74250912	-0,054	0,298
CHR9	1105773	CHR9:1105773	SSF x LoA	-6,14694264	-0,081	0,313
CHR9	11059438	CHR9:11059438	SSF x LoA	-10,644444	-0,025	0,308
CHR9	11059489	CHR9:11059489	SSF x LoA	-7,98189222	-0,052	0,306
CHR9	11059595	CHR9:11059595	SSF x LoA	-9,38137133	-0,087	0,311
CHR9	11059729	CHR9:11059729	SSF x LoA	-6,12070508	0,092	0,312
CHR9	11059738	CHR9:11059738	SSF x LoA	-10,3147301	0,061	0,323
CHR9	11059813	CHR9:11059813	SSF x LoA	-9,39027994	0,011	0,308
CHR9	11059816	CHR9:11059816	SSF x LoA	-8,07144632	0,068	0,316
CHR9	1106175	CHR9:1106175	SSF x LoA	-9,78606974	0,025	0,310
CHR9	11063056	CHR9:11063056	SSF x LoA	-10,5425261	-0,007	0,315
CHR9	11063180	CHR9:11063180	SSF x LoA	-11,5798024	-0,018	0,305
CHR9	11063182	CHR9:11063182	SSF x LoA	-7,95024294	-0,105	0,309
CHR9	11063229	CHR9:11063229	SSF x LoA	-8,74129197	-0,058	0,317
CHR9	11063246	CHR9:11063246	SSF x LoA	-10,0415894	-0,034	0,296
CHR9	11063316	CHR9:11063316	SSF x LoA	-7,23945911	-0,027	0,298
CHR9	11063337	CHR9:11063337	SSF x LoA	-8,48465923	-0,050	0,303
CHR9	11063369	CHR9:11063369	SSF x LoA	-10,0395905	0,043	0,319
CHR9	11068115	CHR9:11068115	SSF x LoA	-9,83420654	-0,010	0,318
CHR9	11068147	CHR9:11068147	SSF x LoA	-10,4924875	-0,054	0,309
CHR9	11072742	CHR9:11072742	SSF x LoA	-10,38123	-0,088	0,302
CHR9	11072760	CHR9:11072760	SSF x LoA	-9,32821572	0,145	0,283
CHR9	11072898	CHR9:11072898	SSF x LoA	-7,04486728	0,079	0,317
CHR9	11076574	CHR9:11076574	SSF x LoA	-8,357246	-0,049	0,324
CHR9	11080229	CHR9:11080229	SSF x LoA	-6,43049658	0,160	0,320
CHR9	11080463	CHR9:11080463	SSF x LoA	-10,620511	0,031	0,308
CHR9	11110496	CHR9:11110496	SSF x LoA	-9,61194318	-0,007	0,311
CHR9	11112298	CHR9:11112298	SSF x LoA	-3,87533531	0,198	0,286
CHR9	11112993	CHR9:11112993	SSF x LoA	-9,67622005	0,029	0,299
CHR9	11113191	CHR9:11113191	SSF x LoA	-7,52541162	-0,143	0,311
CHR9	11114572	CHR9:11114572	SSF x LoA	-10,6129435	-0,114	0,299
CHR9	1113204	CHR9:1113204	SSF x LoA	-10,616603	-0,010	0,306
CHR9	1113379	CHR9:1113379	SSF x LoA	13,1197428	-0,004	0,310
CHR9	1113429	CHR9:1113429	SSF x LoA	-10,2569002	0,113	0,292
CHR9	1113455	CHR9:1113455	SSF x LoA	-9,64415586	0,053	0,315
CHR9	11147377	CHR9:11147377	SSF x LoA	-10,4358168	0,068	0,307
CHR9	11147458	CHR9:11147458	SSF x LoA	-8,3737995	-0,038	0,302
CHR9	11147527	CHR9:11147527	SSF x LoA	-11,5857644	0,016	0,302

CHR9	11147607	CHR9:11147607	SSF x LoA	-8,19567056	-0,071	0,301
CHR9	1116611	CHR9:1116611	SSF x LoA	-8,99915029	0,090	0,307
CHR9	1116689	CHR9:1116689	SSF x LoA	-11,0491213	-0,060	0,302
CHR9	1117928	CHR9:1117928	SSF x LoA	-9,23696426	0,119	0,293
CHR9	11217589	CHR9:11217589	SSF x LoA	-0,22693942	-0,180	0,310
CHR9	11217632	CHR9:11217632	SSF x LoA	-9,39066945	0,133	0,304
CHR9	11273736	CHR9:11273736	SSF x LoA	-9,5719627	-0,030	0,318
CHR9	11273752	CHR9:11273752	SSF x LoA	-10,6946386	0,005	0,299
CHR9	11273867	CHR9:11273867	SSF x LoA	-9,07670894	-0,048	0,304
CHR9	11273901	CHR9:11273901	SSF x LoA	-6,39281072	0,011	0,318
CHR9	11273925	CHR9:11273925	SSF x LoA	-9,05671482	0,050	0,309
CHR9	11273931	CHR9:11273931	SSF x LoA	-7,10095834	-0,053	0,311
CHR9	11285568	CHR9:11285568	SSF x LoA	-10,515057	-0,077	0,308
CHR9	11285571	CHR9:11285571	SSF x LoA	-9,01432861	-0,117	0,305
CHR9	11285626	CHR9:11285626	SSF x LoA	-10,0892281	0,141	0,295
CHR9	11285677	CHR9:11285677	SSF x LoA	-8,89437678	-0,113	0,295
CHR9	11285753	CHR9:11285753	SSF x LoA	-9,73805847	-0,088	0,305
CHR9	11285786	CHR9:11285786	SSF x LoA	-9,89257299	-0,104	0,303
CHR9	11302889	CHR9:11302889	SSF x LoA	-10,7348377	-0,052	0,306
CHR9	11302912	CHR9:11302912	SSF x LoA	-7,86960636	-0,080	0,309
CHR9	11302924	CHR9:11302924	SSF x LoA	-8,41241866	0,063	0,315
CHR9	11302942	CHR9:11302942	SSF x LoA	-9,33255148	-0,015	0,300
CHR9	11302989	CHR9:11302989	SSF x LoA	-7,60105948	0,027	0,321
CHR9	11303020	CHR9:11303020	SSF x LoA	-9,62683697	-0,048	0,317
CHR9	1130629	CHR9:1130629	SSF x LoA	-8,74497296	0,096	0,311
CHR9	1130739	CHR9:1130739	SSF x LoA	-7,0828358	-0,038	0,314
CHR9	1130785	CHR9:1130785	SSF x LoA	-5,68876382	-0,024	0,302
CHR9	11334071	CHR9:11334071	SSF x LoA	-12,4502585	0,041	0,295
CHR9	11349800	CHR9:11349800	SSF x LoA	-8,46726465	0,087	0,326
CHR9	11349837	CHR9:11349837	SSF x LoA	-9,50610774	-0,011	0,314
CHR9	11349886	CHR9:11349886	SSF x LoA	-9,07103246	-0,010	0,310
CHR9	11349904	CHR9:11349904	SSF x LoA	-7,59147064	0,160	0,297
CHR9	11349970	CHR9:11349970	SSF x LoA	-9,81537879	-0,110	0,299
CHR9	11351171	CHR9:11351171	SSF x LoA	-10,0347367	-0,054	0,290
CHR9	11351172	CHR9:11351172	SSF x LoA	-9,66280868	0,106	0,317
CHR9	11364914	CHR9:11364914	SSF x LoA	-9,04065747	0,041	0,313
CHR9	11368681	CHR9:11368681	SSF x LoA	-9,24965088	0,067	0,305
CHR9	11368760	CHR9:11368760	SSF x LoA	-8,63165252	0,028	0,313
CHR9	11368793	CHR9:11368793	SSF x LoA	-10,4733727	0,043	0,320
CHR9	11368875	CHR9:11368875	SSF x LoA	-6,91117687	0,159	0,308
CHR9	11368891	CHR9:11368891	SSF x LoA	-8,51523601	-0,045	0,308
CHR9	11368907	CHR9:11368907	SSF x LoA	-9,33221092	0,024	0,312
CHR9	11372310	CHR9:11372310	SSF x LoA	-11,045294	0,087	0,319
CHR9	11372334	CHR9:11372334	SSF x LoA	-11,3177022	-0,020	0,317
CHR9	11372349	CHR9:11372349	SSF x LoA	-11,802549	-0,010	0,308
CHR9	11372376	CHR9:11372376	SSF x LoA	-10,9473864	-0,078	0,311
CHR9	11372378	CHR9:11372378	SSF x LoA	-6,11938176	-0,080	0,312
CHR9	11372393	CHR9:11372393	SSF x LoA	-10,3197468	-0,014	0,314
CHR9	11376411	CHR9:11376411	SSF x LoA	-11,4646223	0,033	0,300
CHR9	11376435	CHR9:11376435	SSF x LoA	-10,0029422	0,004	0,316
CHR9	11376521	CHR9:11376521	SSF x LoA	-9,49239803	0,055	0,299
CHR9	11376615	CHR9:11376615	SSF x LoA	-9,17328374	-0,067	0,308
CHR9	11376680	CHR9:11376680	SSF x LoA	-11,2949439	0,051	0,299

CHR9	11383318	CHR9:11383318	SSF x LoA	-5,94419635	-0,142	0,305
CHR9	11383569	CHR9:11383569	SSF x LoA	-9,25692298	-0,031	0,299
CHR9	11387880	CHR9:11387880	SSF x LoA	-7,42154385	-0,049	0,299
CHR9	11387932	CHR9:11387932	SSF x LoA	-9,24684271	0,132	0,293
CHR9	11392029	CHR9:11392029	SSF x LoA	-12,0681412	0,024	0,310
CHR9	11392099	CHR9:11392099	SSF x LoA	-11,329414	0,033	0,316
CHR9	11393418	CHR9:11393418	SSF x LoA	-10,5667639	0,064	0,307
CHR9	11393431	CHR9:11393431	SSF x LoA	-8,91145371	0,061	0,328
CHR9	11393432	CHR9:11393432	SSF x LoA	-10,0720638	0,130	0,303
CHR9	11393450	CHR9:11393450	SSF x LoA	-8,97809548	-0,011	0,316
CHR9	11393857	CHR9:11393857	SSF x LoA	-9,40143983	0,068	0,303
CHR9	11393911	CHR9:11393911	SSF x LoA	-9,37911033	0,029	0,319
CHR9	11393926	CHR9:11393926	SSF x LoA	-11,4864885	-0,026	0,307
CHR9	11393930	CHR9:11393930	SSF x LoA	-11,1500661	-0,047	0,297
CHR9	11393965	CHR9:11393965	SSF x LoA	-8,19866864	0,068	0,292
CHR9	11393967	CHR9:11393967	SSF x LoA	-10,5701726	0,029	0,317
CHR9	11399544	CHR9:11399544	SSF x LoA	-11,0983258	-0,032	0,308
CHR9	11399613	CHR9:11399613	SSF x LoA	-8,75026167	0,033	0,318
CHR9	11406191	CHR9:11406191	SSF x LoA	-10,1802702	-0,008	0,306
CHR9	11406278	CHR9:11406278	SSF x LoA	4,59936683	-0,171	0,310
CHR9	11406561	CHR9:11406561	SSF x LoA	-4,8587022	0,107	0,299
CHR9	11406577	CHR9:11406577	SSF x LoA	-10,6488095	-0,060	0,317
CHR9	11406605	CHR9:11406605	SSF x LoA	-8,74859531	0,081	0,305
CHR9	11406618	CHR9:11406618	SSF x LoA	-9,51439094	0,000	0,288
CHR9	11406619	CHR9:11406619	SSF x LoA	-6,81549528	-0,088	0,294
CHR9	11406620	CHR9:11406620	SSF x LoA	-8,78777755	-0,075	0,315
CHR9	11413581	CHR9:11413581	SSF x LoA	-11,6376983	-0,064	0,304
CHR9	11416927	CHR9:11416927	SSF x LoA	-10,0566295	0,013	0,312
CHR9	11416929	CHR9:11416929	SSF x LoA	-8,0197073	0,116	0,312
CHR9	11417019	CHR9:11417019	SSF x LoA	-11,2771784	-0,089	0,301
CHR9	11424341	CHR9:11424341	SSF x LoA	-10,2455121	0,019	0,310
CHR9	11428718	CHR9:11428718	SSF x LoA	-10,9615215	-0,046	0,305
CHR9	11428739	CHR9:11428739	SSF x LoA	-9,14652845	0,073	0,309
CHR9	11428749	CHR9:11428749	SSF x LoA	-9,29330376	0,052	0,325
CHR9	11446936	CHR9:11446936	SSF x LoA	-11,6766167	-0,035	0,297
CHR9	11446956	CHR9:11446956	SSF x LoA	-8,70330984	-0,083	0,297
CHR9	11450733	CHR9:11450733	SSF x LoA	-3,23495872	-0,039	0,318
CHR9	11450785	CHR9:11450785	SSF x LoA	-10,5446688	-0,093	0,298
CHR9	11450791	CHR9:11450791	SSF x LoA	-6,65875579	-0,021	0,325
CHR9	11450891	CHR9:11450891	SSF x LoA	-11,7913726	0,048	0,299
CHR9	11450914	CHR9:11450914	SSF x LoA	-11,6755293	0,000	0,303
CHR9	11450935	CHR9:11450935	SSF x LoA	-9,00188763	0,033	0,311
CHR9	11450966	CHR9:11450966	SSF x LoA	-8,35034141	0,079	0,302
CHR9	11450996	CHR9:11450996	SSF x LoA	-8,22212428	0,048	0,314
CHR9	11457079	CHR9:11457079	SSF x LoA	-7,4990035	0,145	0,296
CHR9	11457107	CHR9:11457107	SSF x LoA	-8,83301368	0,060	0,297
CHR9	11464472	CHR9:11464472	SSF x LoA	-8,2029441	-0,040	0,308
CHR9	11464480	CHR9:11464480	SSF x LoA	-10,5048672	-0,044	0,312
CHR9	11466022	CHR9:11466022	SSF x LoA	-9,98747363	0,004	0,314
CHR9	11466071	CHR9:11466071	SSF x LoA	-7,94787618	0,104	0,307
CHR9	11466239	CHR9:11466239	SSF x LoA	-7,50527515	0,022	0,306
CHR9	11466263	CHR9:11466263	SSF x LoA	-11,1197802	-0,040	0,319
CHR9	11477062	CHR9:11477062	SSF x LoA	-8,08299988	0,090	0,310

CHR9	11477068	CHR9:11477068	SSF x LoA	-9,7471512	0,110	0,306
CHR9	1148002	CHR9:1148002	SSF x LoA	-8,24997068	-0,076	0,309
CHR9	11488837	CHR9:11488837	SSF x LoA	-9,02246101	0,035	0,304
CHR9	11489286	CHR9:11489286	SSF x LoA	-8,93353858	0,026	0,309
CHR9	11489300	CHR9:11489300	SSF x LoA	-9,06285619	-0,010	0,302
CHR9	11489310	CHR9:11489310	SSF x LoA	-8,72372553	-0,014	0,310
CHR9	11489312	CHR9:11489312	SSF x LoA	-8,1765201	0,089	0,307
CHR9	11489344	CHR9:11489344	SSF x LoA	-8,62343049	-0,019	0,318
CHR9	1149143	CHR9:1149143	SSF x LoA	-9,97491304	-0,020	0,302
CHR9	1149168	CHR9:1149168	SSF x LoA	-11,25805	0,065	0,318
CHR9	11504266	CHR9:11504266	SSF x LoA	-10,3524607	0,021	0,316
CHR9	11506396	CHR9:11506396	SSF x LoA	-9,24538264	0,003	0,309
CHR9	11506415	CHR9:11506415	SSF x LoA	-9,19691982	-0,061	0,314
CHR9	11506428	CHR9:11506428	SSF x LoA	-10,7735182	-0,030	0,313
CHR9	11506429	CHR9:11506429	SSF x LoA	-8,91550562	0,042	0,308
CHR9	11506445	CHR9:11506445	SSF x LoA	-11,1165325	-0,030	0,306
CHR9	11508250	CHR9:11508250	SSF x LoA	-12,0645716	0,011	0,295
CHR9	11508282	CHR9:11508282	SSF x LoA	-9,88703659	-0,016	0,306
CHR9	11508303	CHR9:11508303	SSF x LoA	-9,15637026	0,096	0,299
CHR9	11508427	CHR9:11508427	SSF x LoA	-9,62104915	-0,063	0,295
CHR9	11529435	CHR9:11529435	SSF x LoA	-8,58057151	0,070	0,299
CHR9	11529455	CHR9:11529455	SSF x LoA	-10,6402419	0,073	0,322
CHR9	11529497	CHR9:11529497	SSF x LoA	-8,10363993	-0,107	0,305
CHR9	11530007	CHR9:11530007	SSF x LoA	-7,47686437	-0,100	0,313
CHR9	11535236	CHR9:11535236	SSF x LoA	-7,74795067	0,095	0,313
CHR9	11541038	CHR9:11541038	SSF x LoA	-8,44455347	0,173	0,302
CHR9	11541065	CHR9:11541065	SSF x LoA	-6,84484957	0,104	0,297
CHR9	11541093	CHR9:11541093	SSF x LoA	-8,69283028	0,054	0,301
CHR9	11543881	CHR9:11543881	SSF x LoA	-8,07302627	0,034	0,309
CHR9	11544820	CHR9:11544820	SSF x LoA	-8,94139361	0,028	0,325
CHR9	11545623	CHR9:11545623	SSF x LoA	-10,9791412	0,016	0,301
CHR9	11545665	CHR9:11545665	SSF x LoA	-7,75258306	-0,008	0,312
CHR9	1155056	CHR9:1155056	SSF x LoA	-8,84085345	-0,038	0,305
CHR9	11553736	CHR9:11553736	SSF x LoA	-10,001293	0,041	0,300
CHR9	11553767	CHR9:11553767	SSF x LoA	-8,93674695	-0,006	0,317
CHR9	11553919	CHR9:11553919	SSF x LoA	-9,31619918	-0,077	0,294
CHR9	11553920	CHR9:11553920	SSF x LoA	-10,9930575	-0,031	0,303
CHR9	11553932	CHR9:11553932	SSF x LoA	-6,57264994	-0,031	0,326
CHR9	1155443	CHR9:1155443	SSF x LoA	-7,46935883	0,132	0,318
CHR9	1155491	CHR9:1155491	SSF x LoA	-8,33021654	-0,005	0,305
CHR9	11556555	CHR9:11556555	SSF x LoA	-11,5113725	0,040	0,308
CHR9	11556610	CHR9:11556610	SSF x LoA	-10,0940843	0,045	0,317
CHR9	11564604	CHR9:11564604	SSF x LoA	-8,5560283	-0,067	0,318
CHR9	11564638	CHR9:11564638	SSF x LoA	-4,59336266	0,140	0,301
CHR9	11564662	CHR9:11564662	SSF x LoA	-8,81855934	-0,019	0,300
CHR9	11564742	CHR9:11564742	SSF x LoA	-10,927028	-0,025	0,310
CHR9	11564746	CHR9:11564746	SSF x LoA	-10,0620439	0,056	0,287
CHR9	11564751	CHR9:11564751	SSF x LoA	-10,3832675	0,044	0,311
CHR9	11568781	CHR9:11568781	SSF x LoA	-8,29304494	-0,141	0,300
CHR9	11568830	CHR9:11568830	SSF x LoA	-7,80365914	-0,158	0,299
CHR9	11568857	CHR9:11568857	SSF x LoA	4,66384408	-0,174	0,292
CHR9	11568886	CHR9:11568886	SSF x LoA	-9,96092112	0,029	0,307
CHR9	11569644	CHR9:11569644	SSF x LoA	-10,0474741	-0,048	0,300

CHR9	11569659	CHR9:11569659	SSF x LoA	-8,44322083	-0,098	0,307
CHR9	11575169	CHR9:11575169	SSF x LoA	-4,66090593	-0,200	0,291
CHR9	11575207	CHR9:11575207	SSF x LoA	-10,9072285	0,023	0,302
CHR9	11575233	CHR9:11575233	SSF x LoA	-11,0083807	0,018	0,295
CHR9	11575283	CHR9:11575283	SSF x LoA	-7,50999425	-0,152	0,313
CHR9	11582363	CHR9:11582363	SSF x LoA	-10,7273242	0,032	0,296
CHR9	11582429	CHR9:11582429	SSF x LoA	-11,8913801	-0,056	0,307
CHR9	11582590	CHR9:11582590	SSF x LoA	-10,7269025	-0,034	0,314
CHR9	11582620	CHR9:11582620	SSF x LoA	-8,61647777	-0,005	0,311
CHR9	11595201	CHR9:11595201	SSF x LoA	-10,0647049	0,015	0,298
CHR9	11595241	CHR9:11595241	SSF x LoA	-9,76740478	0,022	0,321
CHR9	11595282	CHR9:11595282	SSF x LoA	-10,2311449	-0,032	0,298
CHR9	11595283	CHR9:11595283	SSF x LoA	-10,0990442	-0,057	0,310
CHR9	11595284	CHR9:11595284	SSF x LoA	-10,5750477	-0,038	0,298
CHR9	11595354	CHR9:11595354	SSF x LoA	-7,58964885	-0,102	0,299
CHR9	11595400	CHR9:11595400	SSF x LoA	-8,91775953	0,133	0,307
CHR9	11595454	CHR9:11595454	SSF x LoA	-10,3556702	-0,005	0,301
CHR9	11624339	CHR9:11624339	SSF x LoA	-10,942551	0,114	0,306
CHR9	11626054	CHR9:11626054	SSF x LoA	-11,3717231	0,063	0,293
CHR9	11626077	CHR9:11626077	SSF x LoA	-8,57265345	0,053	0,298
CHR9	11626234	CHR9:11626234	SSF x LoA	-9,76185737	0,055	0,319
CHR9	11626247	CHR9:11626247	SSF x LoA	-10,0879398	0,001	0,303
CHR9	11630009	CHR9:11630009	SSF x LoA	-9,77960935	-0,019	0,306
CHR9	11630138	CHR9:11630138	SSF x LoA	-10,5745904	-0,041	0,293
CHR9	11630223	CHR9:11630223	SSF x LoA	-10,0669662	-0,018	0,299
CHR9	11630229	CHR9:11630229	SSF x LoA	-8,67880572	0,032	0,306
CHR9	11632358	CHR9:11632358	SSF x LoA	-5,08440627	0,031	0,307
CHR9	11632429	CHR9:11632429	SSF x LoA	-10,5631907	-0,016	0,315
CHR9	11638497	CHR9:11638497	SSF x LoA	-9,91308015	0,103	0,313
CHR9	11638594	CHR9:11638594	SSF x LoA	-6,80023216	-0,124	0,321
CHR9	11641967	CHR9:11641967	SSF x LoA	-11,1753579	-0,021	0,302
CHR9	11642008	CHR9:11642008	SSF x LoA	-10,4767875	0,027	0,311
CHR9	11644593	CHR9:11644593	SSF x LoA	-8,16340814	-0,045	0,302
CHR9	11645988	CHR9:11645988	SSF x LoA	-8,25367954	0,064	0,309
CHR9	11646074	CHR9:11646074	SSF x LoA	-9,89426354	0,048	0,301
CHR9	11651872	CHR9:11651872	SSF x LoA	-8,29534115	-0,182	0,294
CHR9	11651873	CHR9:11651873	SSF x LoA	-6,69421087	-0,202	0,303
CHR9	11652204	CHR9:11652204	SSF x LoA	0,23020592	-0,022	0,301
CHR9	11657248	CHR9:11657248	SSF x LoA	-10,2641111	-0,005	0,307
CHR9	11674358	CHR9:11674358	SSF x LoA	-7,58218129	0,023	0,313
CHR9	11674526	CHR9:11674526	SSF x LoA	-6,3258417	0,045	0,313
CHR9	11674557	CHR9:11674557	SSF x LoA	-9,28379342	0,076	0,289
CHR9	11674563	CHR9:11674563	SSF x LoA	-9,48852867	0,053	0,297
CHR9	11674597	CHR9:11674597	SSF x LoA	-6,98172187	0,014	0,312
CHR9	11674602	CHR9:11674602	SSF x LoA	-9,93546985	0,024	0,321
CHR9	11678562	CHR9:11678562	SSF x LoA	-8,82243668	-0,011	0,309
CHR9	11678777	CHR9:11678777	SSF x LoA	-8,68509889	0,060	0,305
CHR9	1167889	CHR9:1167889	SSF x LoA	-9,35736441	0,032	0,291
CHR9	11683489	CHR9:11683489	SSF x LoA	-9,68421522	0,005	0,301
CHR9	11683561	CHR9:11683561	SSF x LoA	-8,06329785	-0,139	0,305
CHR9	1169214	CHR9:1169214	SSF x LoA	-3,5455061	-0,030	0,321
CHR9	1169224	CHR9:1169224	SSF x LoA	-5,57254457	-0,157	0,273
CHR9	1169281	CHR9:1169281	SSF x LoA	-9,86327518	0,015	0,298

CHR9	11693235	CHR9:11693235	SSF x LoA	-7,5561457	-0,167	0,299
CHR9	11693251	CHR9:11693251	SSF x LoA	-9,22698285	0,041	0,299
CHR9	11693273	CHR9:11693273	SSF x LoA	-8,6199996	-0,114	0,314
CHR9	1169363	CHR9:1169363	SSF x LoA	-9,95129808	0,036	0,313
CHR9	11698360	CHR9:11698360	SSF x LoA	-9,05712093	-0,062	0,326
CHR9	11698447	CHR9:11698447	SSF x LoA	-10,8069582	0,066	0,296
CHR9	11698465	CHR9:11698465	SSF x LoA	-9,31492433	-0,090	0,312
CHR9	11707660	CHR9:11707660	SSF x LoA	-10,8693135	-0,076	0,305
CHR9	11707710	CHR9:11707710	SSF x LoA	-10,6610563	0,029	0,300
CHR9	11707733	CHR9:11707733	SSF x LoA	-10,1224475	0,017	0,306
CHR9	11707741	CHR9:11707741	SSF x LoA	-10,2083232	0,053	0,290
CHR9	11707809	CHR9:11707809	SSF x LoA	-10,3969715	-0,045	0,291
CHR9	11709385	CHR9:11709385	SSF x LoA	-10,2142196	0,047	0,307
CHR9	11709391	CHR9:11709391	SSF x LoA	-9,1595232	0,104	0,304
CHR9	11709398	CHR9:11709398	SSF x LoA	-7,44569955	-0,204	0,307
CHR9	11709411	CHR9:11709411	SSF x LoA	-8,79137822	0,009	0,308
CHR9	11709481	CHR9:11709481	SSF x LoA	-0,5376351	-0,187	0,296
CHR9	11709513	CHR9:11709513	SSF x LoA	-8,86253203	0,058	0,304
CHR9	11709530	CHR9:11709530	SSF x LoA	-7,5036575	-0,106	0,291
CHR9	11709621	CHR9:11709621	SSF x LoA	-8,0416166	0,131	0,294
CHR9	11709649	CHR9:11709649	SSF x LoA	-9,00296923	0,078	0,277
CHR9	11709654	CHR9:11709654	SSF x LoA	-8,7501254	-0,011	0,296
CHR9	11718311	CHR9:11718311	SSF x LoA	-9,54302861	-0,038	0,311
CHR9	11718337	CHR9:11718337	SSF x LoA	-9,99719059	-0,017	0,314
CHR9	11718379	CHR9:11718379	SSF x LoA	-8,18157917	0,057	0,304
CHR9	11724939	CHR9:11724939	SSF x LoA	-9,99205452	-0,034	0,308
CHR9	11725110	CHR9:11725110	SSF x LoA	-8,68781547	-0,007	0,316
CHR9	11755058	CHR9:11755058	SSF x LoA	-9,55663773	0,065	0,300
CHR9	11755077	CHR9:11755077	SSF x LoA	-8,49822092	0,090	0,321
CHR9	11755126	CHR9:11755126	SSF x LoA	-10,1030214	0,088	0,289
CHR9	11755173	CHR9:11755173	SSF x LoA	-9,14396507	0,077	0,308
CHR9	11755282	CHR9:11755282	SSF x LoA	-8,4415085	0,099	0,292
CHR9	11757602	CHR9:11757602	SSF x LoA	-10,4450964	0,112	0,302
CHR9	11757657	CHR9:11757657	SSF x LoA	-6,50295501	0,033	0,299
CHR9	11757661	CHR9:11757661	SSF x LoA	-9,19728941	0,046	0,294
CHR9	11757718	CHR9:11757718	SSF x LoA	-9,11863917	0,068	0,293
CHR9	11771548	CHR9:11771548	SSF x LoA	-10,0287699	-0,016	0,306
CHR9	11771637	CHR9:11771637	SSF x LoA	-8,99609964	-0,135	0,312
CHR9	11771642	CHR9:11771642	SSF x LoA	-5,21992395	-0,187	0,284
CHR9	11771650	CHR9:11771650	SSF x LoA	-6,99130381	-0,101	0,304
CHR9	11771652	CHR9:11771652	SSF x LoA	-7,25224521	-0,128	0,310
CHR9	11771688	CHR9:11771688	SSF x LoA	-8,44028007	-0,044	0,303
CHR9	11771722	CHR9:11771722	SSF x LoA	-8,31721282	-0,072	0,306
CHR9	11771769	CHR9:11771769	SSF x LoA	-8,9294123	0,044	0,323
CHR9	11786606	CHR9:11786606	SSF x LoA	-5,12474379	-0,052	0,305
CHR9	11786636	CHR9:11786636	SSF x LoA	-9,62839283	-0,030	0,296
CHR9	11786659	CHR9:11786659	SSF x LoA	-9,82566262	0,124	0,308
CHR9	11787380	CHR9:11787380	SSF x LoA	-9,94222199	-0,047	0,301
CHR9	11791468	CHR9:11791468	SSF x LoA	-4,87549264	-0,101	0,311
CHR9	11791478	CHR9:11791478	SSF x LoA	-9,56071367	0,023	0,304
CHR9	11791655	CHR9:11791655	SSF x LoA	-5,19733422	0,153	0,305
CHR9	11791674	CHR9:11791674	SSF x LoA	-7,47544288	-0,092	0,302
CHR9	11799362	CHR9:11799362	SSF x LoA	-8,97825052	-0,049	0,308

CHR9	11803378	CHR9:11803378	SSF x LoA	-10,455513	-0,047	0,314
CHR9	11807964	CHR9:11807964	SSF x LoA	-10,394236	0,114	0,304
CHR9	11808107	CHR9:11808107	SSF x LoA	-9,57624653	0,137	0,307
CHR9	11811468	CHR9:11811468	SSF x LoA	-12,1803472	-0,037	0,300
CHR9	11845335	CHR9:11845335	SSF x LoA	-5,18856834	-0,162	0,302
CHR9	11845365	CHR9:11845365	SSF x LoA	-1,1625232	-0,231	0,301
CHR9	11845379	CHR9:11845379	SSF x LoA	-6,96740965	-0,157	0,304
CHR9	11845389	CHR9:11845389	SSF x LoA	-9,50715511	0,073	0,301
CHR9	11845488	CHR9:11845488	SSF x LoA	-5,34675592	-0,135	0,314
CHR9	11853929	CHR9:11853929	SSF x LoA	-9,71499151	-0,027	0,317
CHR9	11854062	CHR9:11854062	SSF x LoA	-10,886809	-0,045	0,301
CHR9	11854103	CHR9:11854103	SSF x LoA	-10,087372	0,103	0,307
CHR9	11854109	CHR9:11854109	SSF x LoA	-11,0279523	0,051	0,299
CHR9	11854140	CHR9:11854140	SSF x LoA	-10,6791033	0,071	0,306
CHR9	11854238	CHR9:11854238	SSF x LoA	-11,5694213	0,023	0,303
CHR9	11857863	CHR9:11857863	SSF x LoA	-8,03019804	0,005	0,318
CHR9	11857952	CHR9:11857952	SSF x LoA	-10,9940934	0,061	0,302
CHR9	11862235	CHR9:11862235	SSF x LoA	-10,97382	-0,004	0,306
CHR9	11862384	CHR9:11862384	SSF x LoA	-8,82249595	-0,041	0,309
CHR9	11862386	CHR9:11862386	SSF x LoA	-8,84982502	-0,113	0,302
CHR9	11874829	CHR9:11874829	SSF x LoA	-10,3612959	0,089	0,314
CHR9	11874907	CHR9:11874907	SSF x LoA	-6,7127557	-0,091	0,306
CHR9	11886740	CHR9:11886740	SSF x LoA	-8,66052458	-0,019	0,308
CHR9	1189082	CHR9:1189082	SSF x LoA	-10,2662598	0,092	0,302
CHR9	1189160	CHR9:1189160	SSF x LoA	-10,4216039	-0,100	0,311
CHR9	1189330	CHR9:1189330	SSF x LoA	-7,61302057	-0,090	0,292
CHR9	11896054	CHR9:11896054	SSF x LoA	-9,38399926	0,062	0,313
CHR9	11896068	CHR9:11896068	SSF x LoA	-8,98953951	-0,040	0,306
CHR9	11896161	CHR9:11896161	SSF x LoA	-9,77390973	-0,072	0,306
CHR9	11899973	CHR9:11899973	SSF x LoA	-10,0029702	0,009	0,305
CHR9	11910907	CHR9:11910907	SSF x LoA	-11,2497267	-0,057	0,298
CHR9	11910968	CHR9:11910968	SSF x LoA	-10,0951471	0,072	0,295
CHR9	11911069	CHR9:11911069	SSF x LoA	-9,25880967	-0,003	0,311
CHR9	1191207	CHR9:1191207	SSF x LoA	-7,92582081	-0,044	0,319
CHR9	1191268	CHR9:1191268	SSF x LoA	-8,66083642	-0,007	0,300
CHR9	11913959	CHR9:11913959	SSF x LoA	-8,59678893	0,004	0,313
CHR9	11919945	CHR9:11919945	SSF x LoA	-7,41286278	-0,043	0,288
CHR9	11920060	CHR9:11920060	SSF x LoA	-9,96700563	-0,071	0,301
CHR9	11949135	CHR9:11949135	SSF x LoA	-11,4834655	0,003	0,297
CHR9	11952317	CHR9:11952317	SSF x LoA	-8,94923822	-0,009	0,301
CHR9	11952350	CHR9:11952350	SSF x LoA	-10,993364	0,084	0,317
CHR9	11968498	CHR9:11968498	SSF x LoA	-4,72200717	-0,169	0,307
CHR9	11971430	CHR9:11971430	SSF x LoA	-7,02224375	0,074	0,292
CHR9	11971442	CHR9:11971442	SSF x LoA	-7,85332623	0,065	0,293
CHR9	11980611	CHR9:11980611	SSF x LoA	-9,81865075	0,013	0,304
CHR9	11987326	CHR9:11987326	SSF x LoA	-9,6262322	-0,082	0,297
CHR9	11994832	CHR9:11994832	SSF x LoA	-10,7075568	-0,055	0,308
CHR9	12009827	CHR9:12009827	SSF x LoA	-7,14459179	-0,083	0,314
CHR9	12009847	CHR9:12009847	SSF x LoA	-8,55211435	-0,103	0,312
CHR9	12010009	CHR9:12010009	SSF x LoA	-9,9379029	-0,006	0,317
CHR9	1201601	CHR9:1201601	SSF x LoA	-11,7816855	0,037	0,323
CHR9	12018251	CHR9:12018251	SSF x LoA	-7,16414832	0,115	0,310
CHR9	1201838	CHR9:1201838	SSF x LoA	-10,1093472	0,038	0,314

CHR9	1201842	CHR9:1201842	SSF x LoA	-10,6359792	0,045	0,295
CHR9	12023461	CHR9:12023461	SSF x LoA	-7,79713925	-0,110	0,314
CHR9	12023612	CHR9:12023612	SSF x LoA	-9,29958907	0,013	0,306
CHR9	12032651	CHR9:12032651	SSF x LoA	-11,4672341	0,001	0,305
CHR9	12037988	CHR9:12037988	SSF x LoA	-7,11227632	-0,049	0,303
CHR9	12038033	CHR9:12038033	SSF x LoA	-8,86588266	-0,044	0,314
CHR9	12038092	CHR9:12038092	SSF x LoA	-11,1984619	0,049	0,298
CHR9	12038118	CHR9:12038118	SSF x LoA	-10,9147807	0,037	0,312
CHR9	12038224	CHR9:12038224	SSF x LoA	-7,64389642	-0,038	0,307
CHR9	12038280	CHR9:12038280	SSF x LoA	-10,5066489	-0,039	0,310
CHR9	12038320	CHR9:12038320	SSF x LoA	-8,03303637	0,009	0,309
CHR9	12045361	CHR9:12045361	SSF x LoA	-11,7381006	-0,078	0,306
CHR9	12045459	CHR9:12045459	SSF x LoA	-10,6295438	0,001	0,308
CHR9	12045801	CHR9:12045801	SSF x LoA	-11,1714002	0,051	0,301
CHR9	12045807	CHR9:12045807	SSF x LoA	-11,5840493	-0,010	0,302
CHR9	12048140	CHR9:12048140	SSF x LoA	-10,4642882	-0,099	0,314
CHR9	12048148	CHR9:12048148	SSF x LoA	-7,77154082	0,062	0,309
CHR9	12048155	CHR9:12048155	SSF x LoA	-10,4813533	0,064	0,300
CHR9	12048180	CHR9:12048180	SSF x LoA	-8,81553378	0,018	0,310
CHR9	12048203	CHR9:12048203	SSF x LoA	-8,31282254	0,002	0,307
CHR9	12048237	CHR9:12048237	SSF x LoA	-11,6023855	0,022	0,293
CHR9	12048239	CHR9:12048239	SSF x LoA	-11,2245337	0,014	0,306
CHR9	12048304	CHR9:12048304	SSF x LoA	-10,6375396	0,026	0,302
CHR9	12048310	CHR9:12048310	SSF x LoA	-11,2460541	0,051	0,307
CHR9	12048311	CHR9:12048311	SSF x LoA	-9,27337959	-0,090	0,305
CHR9	12048320	CHR9:12048320	SSF x LoA	-9,53054569	-0,045	0,318
CHR9	12048321	CHR9:12048321	SSF x LoA	-6,90798966	-0,088	0,314
CHR9	12052904	CHR9:12052904	SSF x LoA	-6,8164787	0,015	0,313
CHR9	12052948	CHR9:12052948	SSF x LoA	-10,5079054	0,017	0,305
CHR9	12052984	CHR9:12052984	SSF x LoA	-8,84849756	0,161	0,302
CHR9	12068920	CHR9:12068920	SSF x LoA	-8,68351231	0,023	0,314
CHR9	12068953	CHR9:12068953	SSF x LoA	-9,57044698	-0,033	0,298
CHR9	12070465	CHR9:12070465	SSF x LoA	-9,86867555	0,028	0,311
CHR9	12070466	CHR9:12070466	SSF x LoA	-9,34373687	0,028	0,317
CHR9	12070500	CHR9:12070500	SSF x LoA	-11,9567429	0,027	0,312
CHR9	12070509	CHR9:12070509	SSF x LoA	-8,27926405	-0,002	0,305
CHR9	12070557	CHR9:12070557	SSF x LoA	-7,27106748	0,097	0,316
CHR9	12077848	CHR9:12077848	SSF x LoA	-7,25867001	-0,173	0,305
CHR9	12077909	CHR9:12077909	SSF x LoA	-8,84755554	0,117	0,312
CHR9	12077946	CHR9:12077946	SSF x LoA	-10,0908194	-0,073	0,314
CHR9	12078040	CHR9:12078040	SSF x LoA	-6,73719817	-0,090	0,300
CHR9	12078052	CHR9:12078052	SSF x LoA	-9,92820228	-0,065	0,310
CHR9	12078076	CHR9:12078076	SSF x LoA	-6,59778019	-0,207	0,306
CHR9	12087352	CHR9:12087352	SSF x LoA	-10,3715693	0,028	0,315
CHR9	12087373	CHR9:12087373	SSF x LoA	-9,39309681	-0,060	0,304
CHR9	12087450	CHR9:12087450	SSF x LoA	-6,14499936	-0,003	0,302
CHR9	12087504	CHR9:12087504	SSF x LoA	-11,0601236	-0,021	0,308
CHR9	12087529	CHR9:12087529	SSF x LoA	-8,45140136	-0,122	0,307
CHR9	12087594	CHR9:12087594	SSF x LoA	-10,7801555	0,003	0,325
CHR9	12091629	CHR9:12091629	SSF x LoA	-10,2595618	-0,032	0,307
CHR9	12099795	CHR9:12099795	SSF x LoA	-11,0583031	-0,006	0,306
CHR9	12099820	CHR9:12099820	SSF x LoA	-8,66493188	0,009	0,299
CHR9	12099856	CHR9:12099856	SSF x LoA	-11,2395763	-0,005	0,291

CHR9	12099865	CHR9:12099865	SSF x LoA	-8,8928591	-0,015	0,322
CHR9	12099897	CHR9:12099897	SSF x LoA	-10,7255897	-0,015	0,311
CHR9	12102821	CHR9:12102821	SSF x LoA	-10,2815187	-0,088	0,303
CHR9	12115656	CHR9:12115656	SSF x LoA	-8,72051865	-0,047	0,309
CHR9	12115691	CHR9:12115691	SSF x LoA	-10,9866548	-0,067	0,309
CHR9	12115725	CHR9:12115725	SSF x LoA	-6,51215238	-0,089	0,300
CHR9	12115743	CHR9:12115743	SSF x LoA	-9,08085526	-0,062	0,300
CHR9	12124591	CHR9:12124591	SSF x LoA	-8,25799925	0,008	0,313
CHR9	12124617	CHR9:12124617	SSF x LoA	-9,41856185	0,038	0,317
CHR9	12124623	CHR9:12124623	SSF x LoA	-10,6561464	0,006	0,299
CHR9	12124632	CHR9:12124632	SSF x LoA	-11,3380745	0,006	0,299
CHR9	12128365	CHR9:12128365	SSF x LoA	-10,7985999	-0,013	0,320
CHR9	12128393	CHR9:12128393	SSF x LoA	-11,1960994	-0,037	0,308
CHR9	12128395	CHR9:12128395	SSF x LoA	-9,4881159	-0,028	0,303
CHR9	12128446	CHR9:12128446	SSF x LoA	-8,887179	-0,103	0,302
CHR9	1213095	CHR9:1213095	SSF x LoA	-11,0055489	-0,057	0,305
CHR9	12133337	CHR9:12133337	SSF x LoA	-9,77988691	-0,143	0,313
CHR9	12134373	CHR9:12134373	SSF x LoA	-10,4526771	-0,015	0,304
CHR9	12134377	CHR9:12134377	SSF x LoA	-10,3918283	-0,003	0,316
CHR9	12134492	CHR9:12134492	SSF x LoA	-7,06295589	-0,174	0,300
CHR9	12134532	CHR9:12134532	SSF x LoA	-10,775974	0,007	0,296
CHR9	12134533	CHR9:12134533	SSF x LoA	-6,86243079	0,110	0,306
CHR9	12146146	CHR9:12146146	SSF x LoA	-8,67845422	0,001	0,315
CHR9	12146191	CHR9:12146191	SSF x LoA	-7,36274573	0,069	0,304
CHR9	12146312	CHR9:12146312	SSF x LoA	-12,3966982	0,045	0,301
CHR9	1214688	CHR9:1214688	SSF x LoA	-2,45955638	-0,115	0,311
CHR9	12163133	CHR9:12163133	SSF x LoA	-8,37484547	-0,062	0,315
CHR9	12163150	CHR9:12163150	SSF x LoA	-9,10655649	0,068	0,304
CHR9	12163175	CHR9:12163175	SSF x LoA	-7,76308514	0,017	0,304
CHR9	12185469	CHR9:12185469	SSF x LoA	-7,34955787	0,138	0,311
CHR9	12185512	CHR9:12185512	SSF x LoA	-10,1564985	-0,093	0,306
CHR9	12185545	CHR9:12185545	SSF x LoA	-7,6423257	0,088	0,323
CHR9	12185578	CHR9:12185578	SSF x LoA	-8,95895502	-0,048	0,302
CHR9	12185662	CHR9:12185662	SSF x LoA	-8,64253932	-0,042	0,314
CHR9	12185925	CHR9:12185925	SSF x LoA	-6,8628141	0,023	0,306
CHR9	12185950	CHR9:12185950	SSF x LoA	-7,01402746	-0,109	0,306
CHR9	12185975	CHR9:12185975	SSF x LoA	-8,43627692	-0,125	0,302
CHR9	12186025	CHR9:12186025	SSF x LoA	-6,08028229	-0,127	0,282
CHR9	12186044	CHR9:12186044	SSF x LoA	-9,62926331	0,046	0,298
CHR9	12186055	CHR9:12186055	SSF x LoA	-7,14827189	-0,018	0,311
CHR9	12186056	CHR9:12186056	SSF x LoA	-11,2172366	-0,009	0,304
CHR9	12191964	CHR9:12191964	SSF x LoA	-9,17543512	-0,067	0,315
CHR9	12192025	CHR9:12192025	SSF x LoA	-8,87726005	-0,012	0,305
CHR9	12192049	CHR9:12192049	SSF x LoA	-10,7059802	0,047	0,305
CHR9	12192210	CHR9:12192210	SSF x LoA	-8,35641863	-0,054	0,303
CHR9	12198392	CHR9:12198392	SSF x LoA	-8,59522884	0,092	0,312
CHR9	12198579	CHR9:12198579	SSF x LoA	-11,7411232	0,011	0,294
CHR9	12198590	CHR9:12198590	SSF x LoA	-5,64057344	0,146	0,303
CHR9	12217077	CHR9:12217077	SSF x LoA	-4,18165869	-0,106	0,303
CHR9	12220742	CHR9:12220742	SSF x LoA	-10,9039871	-0,030	0,311
CHR9	12220792	CHR9:12220792	SSF x LoA	-8,31527904	-0,114	0,311
CHR9	12220807	CHR9:12220807	SSF x LoA	-9,92937724	0,103	0,309
CHR9	12220811	CHR9:12220811	SSF x LoA	-10,8759282	-0,021	0,308

CHR9	12220844	CHR9:12220844	SSF x LoA	-9,28805764	0,060	0,300
CHR9	12220847	CHR9:12220847	SSF x LoA	-7,93458949	-0,093	0,313
CHR9	12220853	CHR9:12220853	SSF x LoA	-8,75422948	0,115	0,303
CHR9	12220855	CHR9:12220855	SSF x LoA	-9,09456487	0,052	0,308
CHR9	12231624	CHR9:12231624	SSF x LoA	-3,56453998	-0,097	0,296
CHR9	12231636	CHR9:12231636	SSF x LoA	-10,3617818	0,018	0,300
CHR9	12231741	CHR9:12231741	SSF x LoA	-9,24508273	-0,030	0,306
CHR9	12240409	CHR9:12240409	SSF x LoA	-10,665941	0,096	0,308
CHR9	12240464	CHR9:12240464	SSF x LoA	-8,53489441	-0,047	0,311
CHR9	12240508	CHR9:12240508	SSF x LoA	-7,45508941	-0,071	0,300
CHR9	12240514	CHR9:12240514	SSF x LoA	-9,44358366	-0,039	0,307
CHR9	12247043	CHR9:12247043	SSF x LoA	-9,89867168	0,087	0,307
CHR9	12247045	CHR9:12247045	SSF x LoA	-7,71018057	0,002	0,303
CHR9	12247100	CHR9:12247100	SSF x LoA	-9,67548095	0,041	0,312
CHR9	12247189	CHR9:12247189	SSF x LoA	-10,2781036	0,033	0,306
CHR9	12258480	CHR9:12258480	SSF x LoA	-8,13074811	0,162	0,305
CHR9	12258497	CHR9:12258497	SSF x LoA	-10,9878849	-0,074	0,301
CHR9	12258601	CHR9:12258601	SSF x LoA	-8,7411303	-0,059	0,312
CHR9	12258621	CHR9:12258621	SSF x LoA	-9,82296303	-0,095	0,302
CHR9	12258723	CHR9:12258723	SSF x LoA	-7,64308528	0,204	0,288
CHR9	1227663	CHR9:1227663	SSF x LoA	-8,55249943	-0,114	0,296
CHR9	1227665	CHR9:1227665	SSF x LoA	-9,84783103	0,036	0,315
CHR9	1227691	CHR9:1227691	SSF x LoA	-6,1520072	0,005	0,313
CHR9	1227733	CHR9:1227733	SSF x LoA	-7,78660072	0,020	0,318
CHR9	1227741	CHR9:1227741	SSF x LoA	-11,0570893	0,014	0,318
CHR9	12291436	CHR9:12291436	SSF x LoA	-10,1661871	0,025	0,289
CHR9	12291452	CHR9:12291452	SSF x LoA	-10,9510987	0,076	0,307
CHR9	12291507	CHR9:12291507	SSF x LoA	-8,22294883	-0,004	0,313
CHR9	12291529	CHR9:12291529	SSF x LoA	-11,2782166	-0,035	0,315
CHR9	12291534	CHR9:12291534	SSF x LoA	-8,94105889	0,053	0,312
CHR9	12291551	CHR9:12291551	SSF x LoA	-9,54459101	-0,101	0,299
CHR9	12291576	CHR9:12291576	SSF x LoA	-9,16891507	0,069	0,310
CHR9	12291699	CHR9:12291699	SSF x LoA	-10,2930311	0,051	0,298
CHR9	1229223	CHR9:1229223	SSF x LoA	-10,6997588	0,072	0,297
CHR9	1229490	CHR9:1229490	SSF x LoA	-8,16048344	-0,104	0,305
CHR9	12298079	CHR9:12298079	SSF x LoA	-8,54106356	-0,095	0,297
CHR9	12309819	CHR9:12309819	SSF x LoA	-7,8551221	0,123	0,285
CHR9	12318158	CHR9:12318158	SSF x LoA	-7,42323947	0,119	0,301
CHR9	12318171	CHR9:12318171	SSF x LoA	-9,69121948	0,013	0,298
CHR9	12318188	CHR9:12318188	SSF x LoA	-10,8144424	0,019	0,302
CHR9	12318250	CHR9:12318250	SSF x LoA	-9,91977926	0,028	0,300
CHR9	12318331	CHR9:12318331	SSF x LoA	-4,86279132	-0,005	0,319
CHR9	12325276	CHR9:12325276	SSF x LoA	-8,560006	0,105	0,314
CHR9	12325311	CHR9:12325311	SSF x LoA	-12,1769879	0,055	0,308
CHR9	12325379	CHR9:12325379	SSF x LoA	-10,5037317	0,063	0,323
CHR9	12325428	CHR9:12325428	SSF x LoA	-4,68406601	-0,015	0,312
CHR9	12325517	CHR9:12325517	SSF x LoA	-4,31447013	-0,116	0,319
CHR9	12325664	CHR9:12325664	SSF x LoA	-6,51792296	-0,030	0,298
CHR9	12339892	CHR9:12339892	SSF x LoA	-7,03014741	0,181	0,282
CHR9	12341472	CHR9:12341472	SSF x LoA	-11,0884209	-0,003	0,317
CHR9	1236127	CHR9:1236127	SSF x LoA	-10,6445124	-0,018	0,320
CHR9	12369873	CHR9:12369873	SSF x LoA	-11,2442842	0,021	0,301
CHR9	12369956	CHR9:12369956	SSF x LoA	-10,1111151	0,055	0,303

CHR9	12370019	CHR9:12370019	SSF x LoA	-8,20200652	0,068	0,308
CHR9	12371938	CHR9:12371938	SSF x LoA	-11,2045111	0,056	0,304
CHR9	12377632	CHR9:12377632	SSF x LoA	-7,96013222	0,021	0,303
CHR9	12377635	CHR9:12377635	SSF x LoA	-9,57768604	-0,039	0,308
CHR9	12377667	CHR9:12377667	SSF x LoA	-8,56236007	0,042	0,317
CHR9	12377775	CHR9:12377775	SSF x LoA	-8,07745902	0,110	0,297
CHR9	1239745	CHR9:1239745	SSF x LoA	-9,57498494	-0,030	0,303
CHR9	1239856	CHR9:1239856	SSF x LoA	-7,67387451	0,080	0,311
CHR9	1239860	CHR9:1239860	SSF x LoA	-11,0958196	0,022	0,305
CHR9	1239868	CHR9:1239868	SSF x LoA	1,0688634	-0,131	0,315
CHR9	12408309	CHR9:12408309	SSF x LoA	-8,42371201	-0,151	0,307
CHR9	12409204	CHR9:12409204	SSF x LoA	-5,65658937	-0,105	0,317
CHR9	12409252	CHR9:12409252	SSF x LoA	-7,32004189	0,089	0,299
CHR9	12409294	CHR9:12409294	SSF x LoA	-9,94410514	0,039	0,308
CHR9	12409305	CHR9:12409305	SSF x LoA	-8,90931983	-0,057	0,304
CHR9	12409306	CHR9:12409306	SSF x LoA	-9,24757818	-0,038	0,301
CHR9	12411332	CHR9:12411332	SSF x LoA	-7,21938762	-0,073	0,316
CHR9	12411334	CHR9:12411334	SSF x LoA	-8,68002144	-0,066	0,320
CHR9	12411348	CHR9:12411348	SSF x LoA	-8,62006381	-0,093	0,311
CHR9	12422140	CHR9:12422140	SSF x LoA	-6,19451019	-0,158	0,291
CHR9	12425091	CHR9:12425091	SSF x LoA	-10,9455227	0,019	0,302
CHR9	12425174	CHR9:12425174	SSF x LoA	-10,3685155	-0,126	0,296
CHR9	12425246	CHR9:12425246	SSF x LoA	-5,29671172	-0,113	0,316
CHR9	12446067	CHR9:12446067	SSF x LoA	-3,32945043	-0,136	0,309
CHR9	12446075	CHR9:12446075	SSF x LoA	-7,08019686	0,170	0,305
CHR9	12446152	CHR9:12446152	SSF x LoA	-10,226573	0,116	0,307
CHR9	12454663	CHR9:12454663	SSF x LoA	-11,4698695	-0,067	0,310
CHR9	12454676	CHR9:12454676	SSF x LoA	-11,3359917	0,008	0,322
CHR9	12458895	CHR9:12458895	SSF x LoA	-10,4824094	-0,073	0,307
CHR9	12464825	CHR9:12464825	SSF x LoA	-9,97925493	-0,004	0,303
CHR9	12464838	CHR9:12464838	SSF x LoA	-10,216667	0,013	0,310
CHR9	12464930	CHR9:12464930	SSF x LoA	-7,52495663	0,037	0,327
CHR9	12464958	CHR9:12464958	SSF x LoA	-10,640116	0,034	0,300
CHR9	12465025	CHR9:12465025	SSF x LoA	-8,54671791	0,053	0,307
CHR9	12472907	CHR9:12472907	SSF x LoA	-12,3407187	-0,071	0,299
CHR9	12472950	CHR9:12472950	SSF x LoA	-10,882327	-0,003	0,310
CHR9	12472959	CHR9:12472959	SSF x LoA	-7,0721704	-0,032	0,306
CHR9	12472976	CHR9:12472976	SSF x LoA	-9,80116679	-0,077	0,299
CHR9	12472986	CHR9:12472986	SSF x LoA	-10,5955116	0,030	0,309
CHR9	12472990	CHR9:12472990	SSF x LoA	-9,89094787	-0,088	0,305
CHR9	12472992	CHR9:12472992	SSF x LoA	-10,3995186	-0,096	0,314
CHR9	12473065	CHR9:12473065	SSF x LoA	-10,5747692	-0,049	0,297
CHR9	12473093	CHR9:12473093	SSF x LoA	-8,19679125	-0,080	0,310
CHR9	12473113	CHR9:12473113	SSF x LoA	-10,281441	-0,010	0,308
CHR9	12473133	CHR9:12473133	SSF x LoA	-10,2307806	0,045	0,308
CHR9	12473146	CHR9:12473146	SSF x LoA	-9,7006926	-0,111	0,291
CHR9	12479898	CHR9:12479898	SSF x LoA	-11,2394518	0,016	0,311
CHR9	12479946	CHR9:12479946	SSF x LoA	-3,97443486	0,023	0,301
CHR9	12481181	CHR9:12481181	SSF x LoA	-10,4793586	-0,011	0,322
CHR9	12481182	CHR9:12481182	SSF x LoA	-8,97089157	-0,068	0,306
CHR9	12483404	CHR9:12483404	SSF x LoA	-8,15652658	0,006	0,316
CHR9	12483573	CHR9:12483573	SSF x LoA	-11,231451	0,002	0,300
CHR9	12491407	CHR9:12491407	SSF x LoA	-10,2963825	-0,048	0,322

CHR9	12491431	CHR9:12491431	SSF x LoA	-9,4704989	0,072	0,301
CHR9	12491505	CHR9:12491505	SSF x LoA	-8,70516552	0,212	0,286
CHR9	12491522	CHR9:12491522	SSF x LoA	-10,7916593	0,082	0,302
CHR9	12491552	CHR9:12491552	SSF x LoA	-9,46041151	0,009	0,297
CHR9	12491631	CHR9:12491631	SSF x LoA	-7,84303122	0,049	0,305
CHR9	12496541	CHR9:12496541	SSF x LoA	-8,96246182	-0,079	0,316
CHR9	12496543	CHR9:12496543	SSF x LoA	-10,3372484	-0,066	0,313
CHR9	12496565	CHR9:12496565	SSF x LoA	-10,2450492	0,004	0,316
CHR9	12496569	CHR9:12496569	SSF x LoA	-9,09826159	0,012	0,304
CHR9	12512707	CHR9:12512707	SSF x LoA	-8,92687876	0,109	0,310
CHR9	12512751	CHR9:12512751	SSF x LoA	-8,43695473	0,105	0,299
CHR9	12512772	CHR9:12512772	SSF x LoA	-8,21565559	-0,078	0,313
CHR9	12512774	CHR9:12512774	SSF x LoA	-6,46675607	0,139	0,310
CHR9	12512825	CHR9:12512825	SSF x LoA	-7,39242896	-0,105	0,298
CHR9	12512832	CHR9:12512832	SSF x LoA	-7,25077259	-0,123	0,305
CHR9	12512846	CHR9:12512846	SSF x LoA	-8,9861071	0,111	0,300
CHR9	12512866	CHR9:12512866	SSF x LoA	-8,52420281	-0,111	0,314
CHR9	12512881	CHR9:12512881	SSF x LoA	-8,04425622	0,067	0,304
CHR9	12512983	CHR9:12512983	SSF x LoA	-9,96153505	-0,142	0,306
CHR9	12522165	CHR9:12522165	SSF x LoA	-5,79432663	0,132	0,307
CHR9	12522227	CHR9:12522227	SSF x LoA	-11,4065779	0,008	0,303
CHR9	12523749	CHR9:12523749	SSF x LoA	-4,49557159	0,151	0,295
CHR9	12523783	CHR9:12523783	SSF x LoA	-6,83633374	-0,164	0,302
CHR9	12523927	CHR9:12523927	SSF x LoA	-11,3944637	0,038	0,304
CHR9	12529666	CHR9:12529666	SSF x LoA	-11,9168742	0,007	0,294
CHR9	12529769	CHR9:12529769	SSF x LoA	-10,8525986	0,038	0,303
CHR9	12544268	CHR9:12544268	SSF x LoA	-3,80294598	-0,071	0,298
CHR9	12544285	CHR9:12544285	SSF x LoA	-8,52104968	-0,076	0,307
CHR9	12544287	CHR9:12544287	SSF x LoA	-8,33534302	-0,034	0,321
CHR9	12544293	CHR9:12544293	SSF x LoA	-5,31089493	-0,107	0,298
CHR9	12544311	CHR9:12544311	SSF x LoA	-8,07624187	-0,028	0,309
CHR9	12544317	CHR9:12544317	SSF x LoA	-10,9103904	0,082	0,301
CHR9	12547208	CHR9:12547208	SSF x LoA	-9,89138248	-0,076	0,308
CHR9	12547228	CHR9:12547228	SSF x LoA	-7,09376992	-0,182	0,315
CHR9	12547293	CHR9:12547293	SSF x LoA	-10,6547615	-0,011	0,307
CHR9	12551081	CHR9:12551081	SSF x LoA	-9,45433488	0,053	0,313
CHR9	12551132	CHR9:12551132	SSF x LoA	-9,28793986	-0,004	0,303
CHR9	12557517	CHR9:12557517	SSF x LoA	-9,64133392	0,002	0,305
CHR9	12557535	CHR9:12557535	SSF x LoA	-7,41313565	-0,070	0,297
CHR9	12557536	CHR9:12557536	SSF x LoA	-9,89515491	0,022	0,301
CHR9	12557540	CHR9:12557540	SSF x LoA	-5,76404304	0,004	0,315
CHR9	12557585	CHR9:12557585	SSF x LoA	-7,35504417	-0,174	0,280
CHR9	12557601	CHR9:12557601	SSF x LoA	-8,60421607	0,074	0,302
CHR9	12557623	CHR9:12557623	SSF x LoA	-11,4030923	-0,063	0,298
CHR9	12557627	CHR9:12557627	SSF x LoA	-6,51905609	0,035	0,299
CHR9	12566745	CHR9:12566745	SSF x LoA	-7,41487866	0,139	0,304
CHR9	12566963	CHR9:12566963	SSF x LoA	-9,66490221	0,061	0,318
CHR9	12568173	CHR9:12568173	SSF x LoA	-11,227878	0,045	0,297
CHR9	12568180	CHR9:12568180	SSF x LoA	-6,51830709	-0,073	0,300
CHR9	12568225	CHR9:12568225	SSF x LoA	-5,93063042	-0,165	0,302
CHR9	12568227	CHR9:12568227	SSF x LoA	-5,23373031	-0,149	0,295
CHR9	12568248	CHR9:12568248	SSF x LoA	-9,05981883	-0,022	0,288
CHR9	12568250	CHR9:12568250	SSF x LoA	-8,75898835	-0,037	0,301

CHR9	12585113	CHR9:12585113	SSF x LoA	-7,48446709	0,028	0,309
CHR9	12585115	CHR9:12585115	SSF x LoA	-6,03446136	0,004	0,301
CHR9	12585125	CHR9:12585125	SSF x LoA	-10,089502	0,053	0,307
CHR9	12585129	CHR9:12585129	SSF x LoA	-9,21261415	-0,029	0,299
CHR9	12585157	CHR9:12585157	SSF x LoA	-7,20600807	-0,137	0,307
CHR9	12585183	CHR9:12585183	SSF x LoA	-8,86341829	-0,113	0,306
CHR9	12585191	CHR9:12585191	SSF x LoA	-8,63826878	-0,075	0,301
CHR9	12585195	CHR9:12585195	SSF x LoA	-10,0457917	-0,081	0,297
CHR9	12585198	CHR9:12585198	SSF x LoA	-8,54149655	-0,166	0,297
CHR9	12585205	CHR9:12585205	SSF x LoA	-8,42025625	-0,120	0,298
CHR9	12585207	CHR9:12585207	SSF x LoA	-11,0918781	-0,097	0,292
CHR9	12595335	CHR9:12595335	SSF x LoA	-10,4267722	0,069	0,294
CHR9	12595423	CHR9:12595423	SSF x LoA	-7,10587221	0,178	0,296
CHR9	12595570	CHR9:12595570	SSF x LoA	-10,6174427	-0,004	0,314
CHR9	12602107	CHR9:12602107	SSF x LoA	-10,9915337	0,085	0,318
CHR9	12602109	CHR9:12602109	SSF x LoA	-11,2939822	0,068	0,310
CHR9	12602116	CHR9:12602116	SSF x LoA	-10,7783748	0,069	0,310
CHR9	12602125	CHR9:12602125	SSF x LoA	-10,0798819	-0,016	0,319
CHR9	12602183	CHR9:12602183	SSF x LoA	-8,56765798	0,113	0,301
CHR9	12602187	CHR9:12602187	SSF x LoA	-9,46051908	0,066	0,305
CHR9	12602246	CHR9:12602246	SSF x LoA	-11,177948	-0,002	0,306
CHR9	12602252	CHR9:12602252	SSF x LoA	-9,29634807	0,049	0,315
CHR9	12602255	CHR9:12602255	SSF x LoA	-9,5427517	-0,085	0,303
CHR9	12622274	CHR9:12622274	SSF x LoA	-9,2756815	-0,058	0,296
CHR9	12622294	CHR9:12622294	SSF x LoA	-10,4264114	0,036	0,300
CHR9	12622345	CHR9:12622345	SSF x LoA	-10,874412	0,015	0,287
CHR9	12622353	CHR9:12622353	SSF x LoA	-8,29062912	0,115	0,284
CHR9	12622407	CHR9:12622407	SSF x LoA	-9,74535189	0,016	0,297
CHR9	12622418	CHR9:12622418	SSF x LoA	-8,67341943	0,046	0,295
CHR9	12622476	CHR9:12622476	SSF x LoA	-10,4686021	-0,018	0,307
CHR9	12622482	CHR9:12622482	SSF x LoA	-9,4492124	0,017	0,306
CHR9	1263768	CHR9:1263768	SSF x LoA	-8,87283386	-0,096	0,287
CHR9	1263834	CHR9:1263834	SSF x LoA	-10,4475074	-0,055	0,313
CHR9	1264025	CHR9:1264025	SSF x LoA	-7,52554575	0,083	0,307
CHR9	1264029	CHR9:1264029	SSF x LoA	-8,39387934	-0,021	0,313
CHR9	1264053	CHR9:1264053	SSF x LoA	-8,20988303	-0,065	0,318
CHR9	1264101	CHR9:1264101	SSF x LoA	-4,37214942	0,135	0,307
CHR9	12645282	CHR9:12645282	SSF x LoA	-10,4002382	0,001	0,307
CHR9	12648173	CHR9:12648173	SSF x LoA	-8,43600372	0,100	0,315
CHR9	12648269	CHR9:12648269	SSF x LoA	-8,96512628	-0,126	0,290
CHR9	12648276	CHR9:12648276	SSF x LoA	-9,87921697	-0,129	0,292
CHR9	12648335	CHR9:12648335	SSF x LoA	-2,2878044	-0,107	0,294
CHR9	12652078	CHR9:12652078	SSF x LoA	-10,1633488	-0,035	0,306
CHR9	12654491	CHR9:12654491	SSF x LoA	-10,4106029	-0,091	0,312
CHR9	12654560	CHR9:12654560	SSF x LoA	-9,50880484	0,012	0,308
CHR9	12654636	CHR9:12654636	SSF x LoA	-8,65446302	-0,035	0,302
CHR9	12654652	CHR9:12654652	SSF x LoA	-7,20955756	-0,034	0,307
CHR9	12654676	CHR9:12654676	SSF x LoA	-8,85699037	-0,008	0,302
CHR9	12654691	CHR9:12654691	SSF x LoA	-10,967852	0,019	0,301
CHR9	12654723	CHR9:12654723	SSF x LoA	-7,9207046	0,020	0,315
CHR9	12654737	CHR9:12654737	SSF x LoA	-8,91082202	-0,097	0,318
CHR9	1265835	CHR9:1265835	SSF x LoA	-8,86474799	0,157	0,301
CHR9	1265839	CHR9:1265839	SSF x LoA	-9,36554241	-0,070	0,296

CHR9	12666456	CHR9:12666456	SSF x LoA	-9,17027794	-0,059	0,312
CHR9	12666470	CHR9:12666470	SSF x LoA	-8,35593451	0,105	0,323
CHR9	12666504	CHR9:12666504	SSF x LoA	-9,32679314	-0,108	0,318
CHR9	12666507	CHR9:12666507	SSF x LoA	-7,98021771	0,015	0,316
CHR9	12666519	CHR9:12666519	SSF x LoA	-9,02032565	-0,031	0,309
CHR9	12666526	CHR9:12666526	SSF x LoA	-7,03991738	0,002	0,307
CHR9	12666577	CHR9:12666577	SSF x LoA	-7,98003653	0,073	0,299
CHR9	12666602	CHR9:12666602	SSF x LoA	-7,85491264	0,018	0,321
CHR9	12666626	CHR9:12666626	SSF x LoA	-8,96979995	0,000	0,310
CHR9	12666630	CHR9:12666630	SSF x LoA	-8,96184119	-0,005	0,315
CHR9	12666648	CHR9:12666648	SSF x LoA	-6,24223511	0,043	0,311
CHR9	12666692	CHR9:12666692	SSF x LoA	-6,72978706	0,105	0,311
CHR9	12666700	CHR9:12666700	SSF x LoA	-7,04310143	0,084	0,313
CHR9	12672978	CHR9:12672978	SSF x LoA	-3,27821707	-0,004	0,309
CHR9	12674282	CHR9:12674282	SSF x LoA	-10,3124034	0,000	0,298
CHR9	12678385	CHR9:12678385	SSF x LoA	-7,6330597	-0,096	0,301
CHR9	12678642	CHR9:12678642	SSF x LoA	-9,54312241	-0,005	0,307
CHR9	12678643	CHR9:12678643	SSF x LoA	-9,34403907	-0,011	0,301
CHR9	12678691	CHR9:12678691	SSF x LoA	-10,0874885	-0,028	0,311
CHR9	12678719	CHR9:12678719	SSF x LoA	-8,51137933	-0,081	0,310
CHR9	12703062	CHR9:12703062	SSF x LoA	-10,5458898	0,093	0,301
CHR9	12703075	CHR9:12703075	SSF x LoA	-7,87536321	0,016	0,311
CHR9	12703175	CHR9:12703175	SSF x LoA	-8,31729114	-0,009	0,323
CHR9	12703179	CHR9:12703179	SSF x LoA	-8,64617998	0,051	0,315
CHR9	12703209	CHR9:12703209	SSF x LoA	-8,77920803	-0,064	0,298
CHR9	12703210	CHR9:12703210	SSF x LoA	-7,19323053	-0,065	0,300
CHR9	12703213	CHR9:12703213	SSF x LoA	-9,041735	-0,055	0,298
CHR9	12703221	CHR9:12703221	SSF x LoA	-7,68702536	-0,067	0,305
CHR9	12716323	CHR9:12716323	SSF x LoA	-8,63974878	0,144	0,311
CHR9	12716364	CHR9:12716364	SSF x LoA	-8,36568174	-0,110	0,319
CHR9	12716575	CHR9:12716575	SSF x LoA	-8,70171835	-0,117	0,317
CHR9	12716633	CHR9:12716633	SSF x LoA	-8,93059542	0,056	0,304
CHR9	12717401	CHR9:12717401	SSF x LoA	-5,78412538	-0,007	0,303
CHR9	12717422	CHR9:12717422	SSF x LoA	-10,5996349	0,024	0,303
CHR9	12722515	CHR9:12722515	SSF x LoA	-10,92384	0,058	0,299
CHR9	12722701	CHR9:12722701	SSF x LoA	-11,1962553	0,010	0,305
CHR9	1273259	CHR9:1273259	SSF x LoA	-11,094975	-0,030	0,305
CHR9	12736404	CHR9:12736404	SSF x LoA	-10,4998256	0,015	0,314
CHR9	12736406	CHR9:12736406	SSF x LoA	-9,89027601	-0,050	0,300
CHR9	12736509	CHR9:12736509	SSF x LoA	-1,70573723	-0,187	0,313
CHR9	12739950	CHR9:12739950	SSF x LoA	-4,21151419	0,047	0,313
CHR9	12739954	CHR9:12739954	SSF x LoA	-9,01137529	0,005	0,310
CHR9	12739976	CHR9:12739976	SSF x LoA	-9,70390243	0,052	0,312
CHR9	12739994	CHR9:12739994	SSF x LoA	-10,8544571	0,085	0,302
CHR9	12740005	CHR9:12740005	SSF x LoA	-10,2290985	0,010	0,303
CHR9	12740081	CHR9:12740081	SSF x LoA	-10,8515954	-0,006	0,300
CHR9	12740095	CHR9:12740095	SSF x LoA	-10,0950975	0,075	0,294
CHR9	12740116	CHR9:12740116	SSF x LoA	-5,99249435	0,211	0,284
CHR9	12740149	CHR9:12740149	SSF x LoA	-11,0970401	0,062	0,306
CHR9	12749343	CHR9:12749343	SSF x LoA	-11,6394564	0,047	0,299
CHR9	12755065	CHR9:12755065	SSF x LoA	-11,7785214	-0,022	0,308
CHR9	12755066	CHR9:12755066	SSF x LoA	-10,1363005	-0,028	0,302
CHR9	12755072	CHR9:12755072	SSF x LoA	-11,52941	-0,027	0,318

CHR9	12755080	CHR9:12755080	SSF x LoA	-1,64338601	-0,030	0,315
CHR9	12755099	CHR9:12755099	SSF x LoA	-10,9420332	0,009	0,307
CHR9	12755104	CHR9:12755104	SSF x LoA	-7,9316457	-0,018	0,304
CHR9	12755141	CHR9:12755141	SSF x LoA	-11,1255957	0,054	0,306
CHR9	12755166	CHR9:12755166	SSF x LoA	-8,8616416	0,065	0,304
CHR9	12755192	CHR9:12755192	SSF x LoA	-9,55469874	0,033	0,298
CHR9	12755275	CHR9:12755275	SSF x LoA	-8,05794292	0,041	0,328
CHR9	12755337	CHR9:12755337	SSF x LoA	-12,0299768	0,076	0,295
CHR9	12755338	CHR9:12755338	SSF x LoA	-7,10521653	-0,041	0,310
CHR9	12759867	CHR9:12759867	SSF x LoA	-6,60585951	-0,066	0,317
CHR9	1277632	CHR9:1277632	SSF x LoA	-8,72993647	-0,096	0,309
CHR9	1277633	CHR9:1277633	SSF x LoA	-7,15366329	-0,105	0,306
CHR9	1277656	CHR9:1277656	SSF x LoA	-9,42413368	-0,032	0,297
CHR9	1277733	CHR9:1277733	SSF x LoA	-8,08153441	-0,026	0,297
CHR9	12779092	CHR9:12779092	SSF x LoA	-9,89578457	0,056	0,302
CHR9	12779200	CHR9:12779200	SSF x LoA	-8,56741421	0,097	0,306
CHR9	12783206	CHR9:12783206	SSF x LoA	-8,49293966	-0,103	0,299
CHR9	12791477	CHR9:12791477	SSF x LoA	-11,7488536	-0,054	0,298
CHR9	12791487	CHR9:12791487	SSF x LoA	-8,67104693	-0,089	0,300
CHR9	12791505	CHR9:12791505	SSF x LoA	-9,39046642	0,011	0,309
CHR9	12791524	CHR9:12791524	SSF x LoA	-11,9633636	-0,034	0,308
CHR9	12791574	CHR9:12791574	SSF x LoA	-7,22764126	-0,029	0,308
CHR9	12791617	CHR9:12791617	SSF x LoA	-10,7884968	0,061	0,291
CHR9	12839833	CHR9:12839833	SSF x LoA	-10,8662182	-0,007	0,316
CHR9	12841629	CHR9:12841629	SSF x LoA	-5,15615411	0,090	0,316
CHR9	12841659	CHR9:12841659	SSF x LoA	-8,71815488	0,055	0,319
CHR9	12841772	CHR9:12841772	SSF x LoA	-10,1545634	-0,116	0,293
CHR9	12841802	CHR9:12841802	SSF x LoA	-9,32184419	-0,067	0,291
CHR9	12841809	CHR9:12841809	SSF x LoA	-7,82954953	0,087	0,301
CHR9	1284315	CHR9:1284315	SSF x LoA	-9,82102688	-0,047	0,311
CHR9	1284430	CHR9:1284430	SSF x LoA	-9,56790957	-0,064	0,305
CHR9	1284522	CHR9:1284522	SSF x LoA	-10,7265061	-0,003	0,301
CHR9	12857146	CHR9:12857146	SSF x LoA	-9,03818215	0,102	0,300
CHR9	12867032	CHR9:12867032	SSF x LoA	-8,8644919	-0,045	0,298
CHR9	12875815	CHR9:12875815	SSF x LoA	-9,82244098	-0,005	0,307
CHR9	12875816	CHR9:12875816	SSF x LoA	-9,67461235	-0,021	0,318
CHR9	12875828	CHR9:12875828	SSF x LoA	-6,38812458	-0,031	0,305
CHR9	12875858	CHR9:12875858	SSF x LoA	-7,21957666	0,146	0,302
CHR9	12875894	CHR9:12875894	SSF x LoA	-7,42155685	0,166	0,298
CHR9	12875911	CHR9:12875911	SSF x LoA	-7,33125119	0,114	0,302
CHR9	12875942	CHR9:12875942	SSF x LoA	-7,63214269	-0,113	0,302
CHR9	12880765	CHR9:12880765	SSF x LoA	-10,8532175	-0,070	0,288
CHR9	12883363	CHR9:12883363	SSF x LoA	-11,0613122	-0,071	0,305
CHR9	12883378	CHR9:12883378	SSF x LoA	-7,91624885	0,024	0,310
CHR9	12883531	CHR9:12883531	SSF x LoA	-8,71091462	0,058	0,317
CHR9	12886354	CHR9:12886354	SSF x LoA	-10,7079075	0,029	0,305
CHR9	12886508	CHR9:12886508	SSF x LoA	-11,6515777	-0,061	0,311
CHR9	12893889	CHR9:12893889	SSF x LoA	-8,06016056	-0,075	0,310
CHR9	1289862	CHR9:1289862	SSF x LoA	-11,6636434	0,018	0,307
CHR9	1289874	CHR9:1289874	SSF x LoA	-11,6704722	0,062	0,297
CHR9	1289878	CHR9:1289878	SSF x LoA	-12,113397	0,019	0,310
CHR9	1289932	CHR9:1289932	SSF x LoA	-9,21153321	0,069	0,301
CHR9	1289964	CHR9:1289964	SSF x LoA	-11,1367789	0,046	0,308

CHR9	1290035	CHR9:1290035	SSF x LoA	-10,0935039	-0,037	0,302
CHR9	1290043	CHR9:1290043	SSF x LoA	-11,9861121	0,002	0,300
CHR9	1290064	CHR9:1290064	SSF x LoA	-10,2986337	-0,009	0,307
CHR9	1290113	CHR9:1290113	SSF x LoA	-7,6100556	-0,046	0,301
CHR9	1290135	CHR9:1290135	SSF x LoA	-7,64090322	-0,079	0,306
CHR9	12902140	CHR9:12902140	SSF x LoA	-10,2907413	-0,071	0,311
CHR9	12902293	CHR9:12902293	SSF x LoA	-9,1865436	-0,118	0,310
CHR9	12911651	CHR9:12911651	SSF x LoA	-7,34195883	-0,098	0,307
CHR9	12911657	CHR9:12911657	SSF x LoA	-11,3089991	-0,036	0,310
CHR9	12911698	CHR9:12911698	SSF x LoA	-11,0020342	0,070	0,304
CHR9	12914934	CHR9:12914934	SSF x LoA	-9,91794394	0,051	0,309
CHR9	12914983	CHR9:12914983	SSF x LoA	-8,25962361	-0,028	0,307
CHR9	12924827	CHR9:12924827	SSF x LoA	-8,3140699	0,014	0,321
CHR9	12924882	CHR9:12924882	SSF x LoA	-11,2024244	0,065	0,310
CHR9	12924883	CHR9:12924883	SSF x LoA	-9,37395078	-0,059	0,310
CHR9	12924886	CHR9:12924886	SSF x LoA	-8,83322865	-0,001	0,292
CHR9	12924896	CHR9:12924896	SSF x LoA	-8,16154211	-0,060	0,300
CHR9	12924899	CHR9:12924899	SSF x LoA	-11,249409	0,059	0,310
CHR9	12928980	CHR9:12928980	SSF x LoA	-6,41756535	-0,068	0,309
CHR9	12929012	CHR9:12929012	SSF x LoA	-11,3622445	0,012	0,309
CHR9	12930461	CHR9:12930461	SSF x LoA	-9,99395954	0,047	0,303
CHR9	12930581	CHR9:12930581	SSF x LoA	-6,56189289	-0,050	0,311
CHR9	12931969	CHR9:12931969	SSF x LoA	-9,82679973	-0,084	0,311
CHR9	12932014	CHR9:12932014	SSF x LoA	-8,88899804	-0,061	0,304
CHR9	12938866	CHR9:12938866	SSF x LoA	-9,92017072	-0,027	0,313
CHR9	12938899	CHR9:12938899	SSF x LoA	-8,90522376	-0,015	0,307
CHR9	12946159	CHR9:12946159	SSF x LoA	-9,21480241	0,106	0,306
CHR9	12946315	CHR9:12946315	SSF x LoA	-9,3177535	0,018	0,322
CHR9	12946356	CHR9:12946356	SSF x LoA	-8,55357911	0,034	0,313
CHR9	12946386	CHR9:12946386	SSF x LoA	-9,41196254	0,081	0,318
CHR9	12957739	CHR9:12957739	SSF x LoA	-9,74081235	0,019	0,305
CHR9	12957761	CHR9:12957761	SSF x LoA	-10,0577592	0,002	0,305
CHR9	12957786	CHR9:12957786	SSF x LoA	-8,64445689	-0,040	0,300
CHR9	12958189	CHR9:12958189	SSF x LoA	-8,47853377	-0,032	0,295
CHR9	12964581	CHR9:12964581	SSF x LoA	-10,4896221	-0,075	0,301
CHR9	12964606	CHR9:12964606	SSF x LoA	-9,29178396	-0,038	0,317
CHR9	12973928	CHR9:12973928	SSF x LoA	-6,68718739	-0,127	0,310
CHR9	12990125	CHR9:12990125	SSF x LoA	-10,7226704	0,016	0,309
CHR9	12990190	CHR9:12990190	SSF x LoA	-6,30518841	-0,112	0,303
CHR9	12990338	CHR9:12990338	SSF x LoA	-8,62736957	0,018	0,301
CHR9	12990455	CHR9:12990455	SSF x LoA	-7,98705633	-0,042	0,304
CHR9	13000862	CHR9:13000862	SSF x LoA	-10,0458588	-0,047	0,311
CHR9	13000914	CHR9:13000914	SSF x LoA	-8,02535488	0,022	0,310
CHR9	13011053	CHR9:13011053	SSF x LoA	-8,22403423	-0,056	0,292
CHR9	13028483	CHR9:13028483	SSF x LoA	-10,7123299	-0,076	0,305
CHR9	13031655	CHR9:13031655	SSF x LoA	-8,04385445	0,031	0,316
CHR9	13051955	CHR9:13051955	SSF x LoA	-7,65667448	0,195	0,303
CHR9	13051972	CHR9:13051972	SSF x LoA	-7,31193	0,196	0,296
CHR9	13051975	CHR9:13051975	SSF x LoA	-1,30717389	0,192	0,294
CHR9	13051980	CHR9:13051980	SSF x LoA	-6,74855147	0,182	0,289
CHR9	13062738	CHR9:13062738	SSF x LoA	-8,10155346	0,001	0,308
CHR9	13062800	CHR9:13062800	SSF x LoA	-10,4339518	-0,036	0,314
CHR9	13062839	CHR9:13062839	SSF x LoA	-9,85707198	-0,042	0,308

CHR9	13066410	CHR9:13066410	SSF x LoA	-10,8133116	0,085	0,320
CHR9	13066423	CHR9:13066423	SSF x LoA	-10,4261504	-0,014	0,321
CHR9	13066430	CHR9:13066430	SSF x LoA	-9,0959013	-0,039	0,313
CHR9	13068476	CHR9:13068476	SSF x LoA	-4,72341307	-0,004	0,327
CHR9	13081525	CHR9:13081525	SSF x LoA	-7,28821816	0,087	0,304
CHR9	13081577	CHR9:13081577	SSF x LoA	-8,25910895	0,123	0,303
CHR9	13081581	CHR9:13081581	SSF x LoA	-9,01236329	0,016	0,299
CHR9	13081589	CHR9:13081589	SSF x LoA	-12,1472134	0,018	0,301
CHR9	13081591	CHR9:13081591	SSF x LoA	-8,7855508	-0,006	0,313
CHR9	13081606	CHR9:13081606	SSF x LoA	-8,6967941	0,000	0,305
CHR9	13081647	CHR9:13081647	SSF x LoA	-9,5946782	0,116	0,306
CHR9	13081717	CHR9:13081717	SSF x LoA	-11,5873858	0,006	0,320
CHR9	13085203	CHR9:13085203	SSF x LoA	-11,3257436	0,019	0,309
CHR9	13085223	CHR9:13085223	SSF x LoA	-10,7639166	-0,072	0,316
CHR9	13085227	CHR9:13085227	SSF x LoA	-6,94450634	-0,053	0,307
CHR9	13085252	CHR9:13085252	SSF x LoA	-12,4775885	-0,061	0,287
CHR9	13085257	CHR9:13085257	SSF x LoA	-9,07132109	-0,033	0,303
CHR9	13085259	CHR9:13085259	SSF x LoA	-8,88891673	-0,021	0,314
CHR9	13085266	CHR9:13085266	SSF x LoA	-8,4142185	-0,058	0,312
CHR9	13085294	CHR9:13085294	SSF x LoA	-10,2998044	-0,085	0,301
CHR9	13086685	CHR9:13086685	SSF x LoA	-8,58905864	0,027	0,314
CHR9	13086689	CHR9:13086689	SSF x LoA	-8,15211444	0,099	0,299
CHR9	13086713	CHR9:13086713	SSF x LoA	-4,54970735	0,139	0,311
CHR9	13086724	CHR9:13086724	SSF x LoA	-4,36653086	0,174	0,305
CHR9	13096448	CHR9:13096448	SSF x LoA	-7,92424879	-0,024	0,300
CHR9	13096474	CHR9:13096474	SSF x LoA	-8,81741953	-0,045	0,311
CHR9	13096502	CHR9:13096502	SSF x LoA	-8,98570073	-0,046	0,317
CHR9	13096507	CHR9:13096507	SSF x LoA	-10,458281	0,052	0,300
CHR9	13096508	CHR9:13096508	SSF x LoA	-9,54358684	-0,068	0,298
CHR9	13096510	CHR9:13096510	SSF x LoA	-8,30055827	0,029	0,312
CHR9	13098159	CHR9:13098159	SSF x LoA	-9,94745301	-0,028	0,305
CHR9	13108504	CHR9:13108504	SSF x LoA	-11,6028412	0,010	0,310
CHR9	13108727	CHR9:13108727	SSF x LoA	-10,2419072	0,002	0,303
CHR9	13108830	CHR9:13108830	SSF x LoA	-7,56306455	0,103	0,294
CHR9	13118909	CHR9:13118909	SSF x LoA	-9,70025489	-0,019	0,300
CHR9	13119149	CHR9:13119149	SSF x LoA	-8,3940856	-0,171	0,305
CHR9	13119177	CHR9:13119177	SSF x LoA	-8,73096696	-0,085	0,307
CHR9	13124970	CHR9:13124970	SSF x LoA	-8,45405215	-0,016	0,310
CHR9	13124974	CHR9:13124974	SSF x LoA	-8,52238944	0,038	0,323
CHR9	13125026	CHR9:13125026	SSF x LoA	-9,55212816	-0,027	0,316
CHR9	13125034	CHR9:13125034	SSF x LoA	-12,3241558	0,001	0,316
CHR9	13125052	CHR9:13125052	SSF x LoA	-8,24613609	0,120	0,300
CHR9	13125061	CHR9:13125061	SSF x LoA	-8,32600409	0,077	0,298
CHR9	13129723	CHR9:13129723	SSF x LoA	-5,01649574	0,014	0,319
CHR9	13129787	CHR9:13129787	SSF x LoA	-10,196293	-0,044	0,295
CHR9	13129802	CHR9:13129802	SSF x LoA	-9,09604979	-0,031	0,302
CHR9	13129838	CHR9:13129838	SSF x LoA	-10,8388278	-0,007	0,305
CHR9	13129876	CHR9:13129876	SSF x LoA	-8,56121039	0,039	0,320
CHR9	1313694	CHR9:1313694	SSF x LoA	-8,1078902	-0,047	0,313
CHR9	1313732	CHR9:1313732	SSF x LoA	-10,2753414	0,081	0,285
CHR9	1313754	CHR9:1313754	SSF x LoA	-8,9231511	0,059	0,305
CHR9	1313776	CHR9:1313776	SSF x LoA	-11,1804356	0,036	0,314
CHR9	13142294	CHR9:13142294	SSF x LoA	-10,4891972	-0,100	0,295

CHR9	13142558	CHR9:13142558	SSF x LoA	-9,20547975	0,004	0,301
CHR9	13142579	CHR9:13142579	SSF x LoA	-10,8225828	-0,127	0,292
CHR9	13142601	CHR9:13142601	SSF x LoA	-7,64689331	0,039	0,297
CHR9	13142638	CHR9:13142638	SSF x LoA	-10,0609372	0,010	0,306
CHR9	13152348	CHR9:13152348	SSF x LoA	-11,1845026	-0,056	0,281
CHR9	13152397	CHR9:13152397	SSF x LoA	-7,75977313	0,131	0,303
CHR9	13152422	CHR9:13152422	SSF x LoA	-9,65796039	0,037	0,300
CHR9	13152428	CHR9:13152428	SSF x LoA	-7,59586129	0,028	0,316
CHR9	13152447	CHR9:13152447	SSF x LoA	-11,8152085	-0,081	0,315
CHR9	13152448	CHR9:13152448	SSF x LoA	-9,36322686	-0,009	0,298
CHR9	13152453	CHR9:13152453	SSF x LoA	-10,0457702	0,030	0,299
CHR9	13152457	CHR9:13152457	SSF x LoA	-10,0647461	0,032	0,304
CHR9	13152465	CHR9:13152465	SSF x LoA	-8,92135116	-0,124	0,286
CHR9	13152472	CHR9:13152472	SSF x LoA	-7,7282747	-0,126	0,294
CHR9	13152484	CHR9:13152484	SSF x LoA	-9,05204068	0,051	0,309
CHR9	13152537	CHR9:13152537	SSF x LoA	-11,2004622	-0,074	0,309
CHR9	13152575	CHR9:13152575	SSF x LoA	-10,5379506	0,077	0,297
CHR9	13152579	CHR9:13152579	SSF x LoA	-10,740026	0,064	0,310
CHR9	13152641	CHR9:13152641	SSF x LoA	-10,2470926	-0,093	0,298
CHR9	13152650	CHR9:13152650	SSF x LoA	-7,83303138	-0,164	0,302
CHR9	13152719	CHR9:13152719	SSF x LoA	-7,98164578	-0,147	0,303
CHR9	1316124	CHR9:1316124	SSF x LoA	-6,35331441	-0,163	0,308
CHR9	13164932	CHR9:13164932	SSF x LoA	-11,1984589	-0,069	0,307
CHR9	13165008	CHR9:13165008	SSF x LoA	-12,5222115	-0,032	0,297
CHR9	13165022	CHR9:13165022	SSF x LoA	-10,2841551	0,025	0,324
CHR9	13165054	CHR9:13165054	SSF x LoA	-9,33031799	-0,053	0,299
CHR9	13166862	CHR9:13166862	SSF x LoA	-3,61747943	0,024	0,316
CHR9	13179156	CHR9:13179156	SSF x LoA	-10,6022864	-0,074	0,312
CHR9	13179272	CHR9:13179272	SSF x LoA	-10,212277	0,035	0,306
CHR9	13179323	CHR9:13179323	SSF x LoA	-8,65088684	0,086	0,295
CHR9	13179331	CHR9:13179331	SSF x LoA	-9,69653217	-0,090	0,306
CHR9	13179379	CHR9:13179379	SSF x LoA	-9,57226959	-0,071	0,304
CHR9	13179400	CHR9:13179400	SSF x LoA	-6,78557981	-0,076	0,308
CHR9	13188386	CHR9:13188386	SSF x LoA	-8,25570313	-0,162	0,306
CHR9	13188404	CHR9:13188404	SSF x LoA	-5,00915679	0,175	0,291
CHR9	13188512	CHR9:13188512	SSF x LoA	-6,22227828	-0,173	0,302
CHR9	13193237	CHR9:13193237	SSF x LoA	-12,4442044	-0,040	0,310
CHR9	13193255	CHR9:13193255	SSF x LoA	-11,1226825	-0,029	0,322
CHR9	13195894	CHR9:13195894	SSF x LoA	-11,3357198	0,060	0,302
CHR9	13197270	CHR9:13197270	SSF x LoA	-11,6957419	-0,027	0,309
CHR9	13206144	CHR9:13206144	SSF x LoA	-7,80047562	-0,077	0,304
CHR9	13206148	CHR9:13206148	SSF x LoA	-5,32967309	-0,158	0,315
CHR9	13206167	CHR9:13206167	SSF x LoA	-9,13134151	-0,099	0,318
CHR9	13206195	CHR9:13206195	SSF x LoA	-9,45093248	0,060	0,304
CHR9	13206206	CHR9:13206206	SSF x LoA	-6,95195022	0,130	0,304
CHR9	13206211	CHR9:13206211	SSF x LoA	-9,25287864	-0,063	0,302
CHR9	13206240	CHR9:13206240	SSF x LoA	-6,11802697	-0,054	0,299
CHR9	13206243	CHR9:13206243	SSF x LoA	-8,88979966	-0,064	0,317
CHR9	13206332	CHR9:13206332	SSF x LoA	-10,8565854	-0,057	0,299
CHR9	13208944	CHR9:13208944	SSF x LoA	-8,5566669	-0,047	0,309
CHR9	13208948	CHR9:13208948	SSF x LoA	-9,81700899	-0,039	0,299
CHR9	13208951	CHR9:13208951	SSF x LoA	-8,94445228	-0,014	0,307
CHR9	13208981	CHR9:13208981	SSF x LoA	-9,25384421	0,012	0,306

CHR9	13209027	CHR9:13209027	SSF x LoA	-8,80133142	0,117	0,291
CHR9	13209028	CHR9:13209028	SSF x LoA	-7,98081018	0,091	0,297
CHR9	13211471	CHR9:13211471	SSF x LoA	-8,24794752	-0,108	0,314
CHR9	13212008	CHR9:13212008	SSF x LoA	-11,4961466	0,002	0,301
CHR9	13216162	CHR9:13216162	SSF x LoA	-5,17543476	0,145	0,305
CHR9	13216233	CHR9:13216233	SSF x LoA	-8,50010522	0,060	0,319
CHR9	13231385	CHR9:13231385	SSF x LoA	-1,55378174	-0,059	0,310
CHR9	13231405	CHR9:13231405	SSF x LoA	-7,0083341	0,200	0,304
CHR9	13231457	CHR9:13231457	SSF x LoA	-5,95861496	-0,045	0,305
CHR9	13231505	CHR9:13231505	SSF x LoA	-8,47278565	0,054	0,302
CHR9	13238180	CHR9:13238180	SSF x LoA	-10,72172	0,047	0,321
CHR9	13238348	CHR9:13238348	SSF x LoA	-9,70385078	-0,007	0,312
CHR9	13238349	CHR9:13238349	SSF x LoA	-7,68461758	-0,091	0,314
CHR9	13238385	CHR9:13238385	SSF x LoA	-9,14737657	-0,022	0,319
CHR9	13238484	CHR9:13238484	SSF x LoA	-8,91622458	0,059	0,293
CHR9	13241118	CHR9:13241118	SSF x LoA	-8,603239	0,013	0,293
CHR9	13241120	CHR9:13241120	SSF x LoA	-10,4803046	0,007	0,305
CHR9	13241127	CHR9:13241127	SSF x LoA	-10,0823204	-0,007	0,310
CHR9	13241141	CHR9:13241141	SSF x LoA	-11,6845461	0,020	0,299
CHR9	13241177	CHR9:13241177	SSF x LoA	-8,79602845	0,104	0,299
CHR9	13241179	CHR9:13241179	SSF x LoA	-6,05832522	0,095	0,298
CHR9	13241195	CHR9:13241195	SSF x LoA	-8,81543675	0,076	0,301
CHR9	13241214	CHR9:13241214	SSF x LoA	-6,45215725	-0,082	0,303
CHR9	13241228	CHR9:13241228	SSF x LoA	-10,3302479	-0,062	0,311
CHR9	13241264	CHR9:13241264	SSF x LoA	-10,4928893	-0,059	0,299
CHR9	13249442	CHR9:13249442	SSF x LoA	-9,36694578	-0,044	0,300
CHR9	13259538	CHR9:13259538	SSF x LoA	-7,92329445	-0,121	0,312
CHR9	13259723	CHR9:13259723	SSF x LoA	-8,40568937	0,012	0,312
CHR9	13265363	CHR9:13265363	SSF x LoA	-7,7938468	0,004	0,311
CHR9	13265421	CHR9:13265421	SSF x LoA	-10,3216826	-0,003	0,301
CHR9	13265424	CHR9:13265424	SSF x LoA	-9,83986806	0,043	0,302
CHR9	13265437	CHR9:13265437	SSF x LoA	-7,93589074	-0,092	0,321
CHR9	13265444	CHR9:13265444	SSF x LoA	-10,0372162	-0,044	0,301
CHR9	13267771	CHR9:13267771	SSF x LoA	-8,54181973	0,061	0,303
CHR9	13267783	CHR9:13267783	SSF x LoA	-10,4195078	0,020	0,309
CHR9	13267869	CHR9:13267869	SSF x LoA	-9,10396365	0,055	0,288
CHR9	13268006	CHR9:13268006	SSF x LoA	-10,3055744	0,024	0,296
CHR9	13268043	CHR9:13268043	SSF x LoA	-8,32178349	0,042	0,309
CHR9	1326893	CHR9:1326893	SSF x LoA	-11,4405633	-0,060	0,295
CHR9	13272141	CHR9:13272141	SSF x LoA	-9,98589533	-0,103	0,301
CHR9	13272144	CHR9:13272144	SSF x LoA	-11,2449371	0,016	0,301
CHR9	13272226	CHR9:13272226	SSF x LoA	-10,2528082	0,104	0,314
CHR9	13272273	CHR9:13272273	SSF x LoA	-1,40650384	0,210	0,284
CHR9	13272297	CHR9:13272297	SSF x LoA	-8,70121532	0,117	0,305
CHR9	13275482	CHR9:13275482	SSF x LoA	-11,8048984	0,010	0,315
CHR9	13275696	CHR9:13275696	SSF x LoA	-7,78949204	0,048	0,298
CHR9	13277719	CHR9:13277719	SSF x LoA	-9,810368	-0,020	0,289
CHR9	13277737	CHR9:13277737	SSF x LoA	-9,31356489	-0,040	0,298
CHR9	13277741	CHR9:13277741	SSF x LoA	-4,25077535	-0,054	0,303
CHR9	13277759	CHR9:13277759	SSF x LoA	-6,51118521	0,104	0,304
CHR9	13277763	CHR9:13277763	SSF x LoA	-7,53581519	0,094	0,304
CHR9	13277806	CHR9:13277806	SSF x LoA	-10,311073	-0,004	0,316
CHR9	13277816	CHR9:13277816	SSF x LoA	-8,66964726	-0,035	0,314

CHR9	13277859	CHR9:13277859	SSF x LoA	-9,65937924	0,011	0,290
CHR9	13277860	CHR9:13277860	SSF x LoA	-9,66432506	-0,030	0,298
CHR9	13288676	CHR9:13288676	SSF x LoA	-8,29129178	0,114	0,306
CHR9	13288719	CHR9:13288719	SSF x LoA	-11,8157836	0,013	0,300
CHR9	13288738	CHR9:13288738	SSF x LoA	-11,4960793	-0,008	0,302
CHR9	13288747	CHR9:13288747	SSF x LoA	-10,2167586	0,040	0,324
CHR9	13288817	CHR9:13288817	SSF x LoA	-8,83298152	-0,134	0,308
CHR9	13288860	CHR9:13288860	SSF x LoA	-9,91383701	0,023	0,320
CHR9	1328924	CHR9:1328924	SSF x LoA	-11,4865528	-0,015	0,303
CHR9	1328925	CHR9:1328925	SSF x LoA	-7,56996116	-0,148	0,300
CHR9	1328950	CHR9:1328950	SSF x LoA	-7,81712433	0,014	0,310
CHR9	1328973	CHR9:1328973	SSF x LoA	-9,95832297	0,030	0,309
CHR9	1329013	CHR9:1329013	SSF x LoA	-9,71282747	0,089	0,310
CHR9	13297610	CHR9:13297610	SSF x LoA	-11,363066	0,090	0,306
CHR9	13297614	CHR9:13297614	SSF x LoA	-11,6915855	0,050	0,298
CHR9	13297658	CHR9:13297658	SSF x LoA	-9,24038627	0,039	0,309
CHR9	13297687	CHR9:13297687	SSF x LoA	-4,57331922	0,083	0,311
CHR9	13297724	CHR9:13297724	SSF x LoA	-10,5603581	0,069	0,305
CHR9	13297733	CHR9:13297733	SSF x LoA	-8,46083681	0,101	0,303
CHR9	13308226	CHR9:13308226	SSF x LoA	-9,32266118	-0,077	0,291
CHR9	13308598	CHR9:13308598	SSF x LoA	-9,42272565	-0,032	0,317
CHR9	13308600	CHR9:13308600	SSF x LoA	-6,31801774	0,126	0,304
CHR9	13308624	CHR9:13308624	SSF x LoA	-7,48138697	-0,134	0,319
CHR9	13311057	CHR9:13311057	SSF x LoA	-10,1098322	0,039	0,293
CHR9	13311133	CHR9:13311133	SSF x LoA	-2,40449559	0,080	0,299
CHR9	13317533	CHR9:13317533	SSF x LoA	-6,58696935	-0,146	0,297
CHR9	13317621	CHR9:13317621	SSF x LoA	-10,4456542	0,043	0,311
CHR9	13317623	CHR9:13317623	SSF x LoA	-7,7641321	-0,131	0,317
CHR9	1332103	CHR9:1332103	SSF x LoA	-11,4824251	0,040	0,290
CHR9	13343752	CHR9:13343752	SSF x LoA	-5,71252347	-0,187	0,310
CHR9	13343754	CHR9:13343754	SSF x LoA	-5,60135531	-0,228	0,291
CHR9	13353472	CHR9:13353472	SSF x LoA	-7,12080448	-0,160	0,289
CHR9	13353520	CHR9:13353520	SSF x LoA	-10,4705002	0,121	0,301
CHR9	13353539	CHR9:13353539	SSF x LoA	-5,69124713	0,113	0,296
CHR9	13366274	CHR9:13366274	SSF x LoA	-7,60005678	-0,158	0,304
CHR9	13366308	CHR9:13366308	SSF x LoA	-9,81426602	0,081	0,316
CHR9	13366323	CHR9:13366323	SSF x LoA	-10,4892013	0,042	0,314
CHR9	13366509	CHR9:13366509	SSF x LoA	-5,61273095	-0,190	0,307
CHR9	13366557	CHR9:13366557	SSF x LoA	-10,0065057	-0,036	0,303
CHR9	13367416	CHR9:13367416	SSF x LoA	-9,08168139	0,075	0,315
CHR9	13371164	CHR9:13371164	SSF x LoA	-4,35998054	-0,219	0,283
CHR9	13399980	CHR9:13399980	SSF x LoA	-8,35536167	0,145	0,305
CHR9	13400031	CHR9:13400031	SSF x LoA	-9,17000759	-0,051	0,310
CHR9	13400092	CHR9:13400092	SSF x LoA	-8,74685779	0,013	0,311
CHR9	13402663	CHR9:13402663	SSF x LoA	-9,55696745	-0,108	0,312
CHR9	13402799	CHR9:13402799	SSF x LoA	-9,23234262	-0,089	0,308
CHR9	13404856	CHR9:13404856	SSF x LoA	-8,32213301	-0,056	0,322
CHR9	13404864	CHR9:13404864	SSF x LoA	-10,6831554	-0,034	0,314
CHR9	13404865	CHR9:13404865	SSF x LoA	-4,34701043	-0,011	0,308
CHR9	13404898	CHR9:13404898	SSF x LoA	-9,17813039	-0,065	0,304
CHR9	13404922	CHR9:13404922	SSF x LoA	-9,0956049	0,082	0,304
CHR9	13404940	CHR9:13404940	SSF x LoA	-8,36580626	-0,029	0,320
CHR9	13405896	CHR9:13405896	SSF x LoA	-7,25163134	0,040	0,313

CHR9	13412623	CHR9:13412623	SSF x LoA	-7,51000106	-0,125	0,315
CHR9	1342359	CHR9:1342359	SSF x LoA	-10,1009729	-0,023	0,312
CHR9	1342436	CHR9:1342436	SSF x LoA	-9,08644973	-0,022	0,311
CHR9	1342723	CHR9:1342723	SSF x LoA	-11,7392667	-0,019	0,305
CHR9	13430988	CHR9:13430988	SSF x LoA	-9,90193536	-0,072	0,308
CHR9	13431097	CHR9:13431097	SSF x LoA	-8,77720699	-0,014	0,314
CHR9	13432630	CHR9:13432630	SSF x LoA	-9,27241861	-0,064	0,310
CHR9	13443038	CHR9:13443038	SSF x LoA	-10,9855318	-0,031	0,289
CHR9	13443039	CHR9:13443039	SSF x LoA	-9,05370266	0,035	0,322
CHR9	13443048	CHR9:13443048	SSF x LoA	-10,2971292	-0,004	0,316
CHR9	13443068	CHR9:13443068	SSF x LoA	-9,93469243	-0,059	0,298
CHR9	13443083	CHR9:13443083	SSF x LoA	-8,53517411	0,048	0,289
CHR9	13443151	CHR9:13443151	SSF x LoA	-6,64126895	-0,007	0,299
CHR9	13443173	CHR9:13443173	SSF x LoA	-10,5570414	-0,031	0,305
CHR9	13445883	CHR9:13445883	SSF x LoA	-8,74482289	0,010	0,314
CHR9	13445884	CHR9:13445884	SSF x LoA	-9,99328382	0,032	0,314
CHR9	13445949	CHR9:13445949	SSF x LoA	-10,0022466	0,050	0,313
CHR9	13445983	CHR9:13445983	SSF x LoA	-7,80978669	0,096	0,307
CHR9	13464875	CHR9:13464875	SSF x LoA	-9,59491812	0,015	0,316
CHR9	1346639	CHR9:1346639	SSF x LoA	-8,8938508	-0,144	0,310
CHR9	1346668	CHR9:1346668	SSF x LoA	-8,59756434	-0,134	0,318
CHR9	13473728	CHR9:13473728	SSF x LoA	-7,14183628	-0,077	0,311
CHR9	13475629	CHR9:13475629	SSF x LoA	-8,54411725	-0,114	0,308
CHR9	13475746	CHR9:13475746	SSF x LoA	-9,82134509	-0,141	0,302
CHR9	13475785	CHR9:13475785	SSF x LoA	-8,9543557	-0,095	0,310
CHR9	13476479	CHR9:13476479	SSF x LoA	-8,2625697	0,038	0,302
CHR9	13484588	CHR9:13484588	SSF x LoA	-11,7132832	-0,075	0,304
CHR9	13484596	CHR9:13484596	SSF x LoA	-8,7018494	0,037	0,313
CHR9	13484666	CHR9:13484666	SSF x LoA	-6,42907575	0,045	0,313
CHR9	13484740	CHR9:13484740	SSF x LoA	-7,96152133	0,098	0,310
CHR9	13484749	CHR9:13484749	SSF x LoA	-9,4254211	0,051	0,305
CHR9	13484755	CHR9:13484755	SSF x LoA	-8,7180852	0,061	0,312
CHR9	13484778	CHR9:13484778	SSF x LoA	-9,55659184	-0,096	0,299
CHR9	13490435	CHR9:13490435	SSF x LoA	-8,27926	0,105	0,300
CHR9	13490533	CHR9:13490533	SSF x LoA	-8,60280343	0,069	0,311
CHR9	13491484	CHR9:13491484	SSF x LoA	-7,73568865	0,056	0,303
CHR9	13491578	CHR9:13491578	SSF x LoA	-9,25602577	0,050	0,293
CHR9	13491625	CHR9:13491625	SSF x LoA	-11,5344886	0,042	0,296
CHR9	13495796	CHR9:13495796	SSF x LoA	-4,34345794	0,243	0,285
CHR9	13495885	CHR9:13495885	SSF x LoA	-8,06550285	0,167	0,288
CHR9	13499735	CHR9:13499735	SSF x LoA	-7,4901581	0,132	0,303
CHR9	13499767	CHR9:13499767	SSF x LoA	-9,97066367	0,105	0,312
CHR9	13499775	CHR9:13499775	SSF x LoA	-10,0828481	0,130	0,285
CHR9	13499829	CHR9:13499829	SSF x LoA	-8,70507457	0,100	0,311
CHR9	1350308	CHR9:1350308	SSF x LoA	-6,92470086	0,047	0,314
CHR9	1350435	CHR9:1350435	SSF x LoA	-2,68529439	-0,077	0,301
CHR9	1350524	CHR9:1350524	SSF x LoA	-5,22147552	-0,069	0,328
CHR9	1350570	CHR9:1350570	SSF x LoA	-8,03919533	-0,060	0,304
CHR9	13513079	CHR9:13513079	SSF x LoA	-10,9629034	-0,007	0,312
CHR9	13513124	CHR9:13513124	SSF x LoA	-8,13067777	-0,100	0,292
CHR9	13513138	CHR9:13513138	SSF x LoA	-3,2351441	-0,241	0,304
CHR9	13513145	CHR9:13513145	SSF x LoA	-11,3205795	-0,067	0,310
CHR9	13513158	CHR9:13513158	SSF x LoA	-6,52483568	-0,115	0,302

CHR9	13514115	CHR9:13514115	SSF x LoA	-9,70108066	0,029	0,296
CHR9	13514182	CHR9:13514182	SSF x LoA	-7,83743711	0,074	0,297
CHR9	13514202	CHR9:13514202	SSF x LoA	-9,26806891	0,041	0,306
CHR9	13514211	CHR9:13514211	SSF x LoA	-10,6059773	-0,038	0,324
CHR9	13514214	CHR9:13514214	SSF x LoA	-7,50927505	0,035	0,322
CHR9	13514230	CHR9:13514230	SSF x LoA	-10,4140684	0,058	0,298
CHR9	13514303	CHR9:13514303	SSF x LoA	-8,68045175	-0,079	0,298
CHR9	13515985	CHR9:13515985	SSF x LoA	-9,05314264	0,047	0,319
CHR9	13516122	CHR9:13516122	SSF x LoA	-8,0483362	-0,077	0,301
CHR9	13516174	CHR9:13516174	SSF x LoA	-8,84480835	0,068	0,312
CHR9	1351770	CHR9:1351770	SSF x LoA	-9,93134583	0,057	0,306
CHR9	1351845	CHR9:1351845	SSF x LoA	-8,05922871	-0,101	0,297
CHR9	13521090	CHR9:13521090	SSF x LoA	-6,62545035	0,132	0,309
CHR9	13521120	CHR9:13521120	SSF x LoA	-8,52971791	-0,018	0,289
CHR9	13521135	CHR9:13521135	SSF x LoA	-2,39047074	-0,115	0,295
CHR9	13521175	CHR9:13521175	SSF x LoA	-0,64359196	0,068	0,308
CHR9	13521181	CHR9:13521181	SSF x LoA	-8,71896204	0,022	0,321
CHR9	13525474	CHR9:13525474	SSF x LoA	-10,969452	-0,016	0,302
CHR9	13525540	CHR9:13525540	SSF x LoA	-9,65476763	0,070	0,310
CHR9	13525572	CHR9:13525572	SSF x LoA	-10,7018904	0,087	0,303
CHR9	13525590	CHR9:13525590	SSF x LoA	-7,91225284	0,027	0,307
CHR9	13538826	CHR9:13538826	SSF x LoA	-10,8975812	0,064	0,316
CHR9	13538865	CHR9:13538865	SSF x LoA	-10,4171559	0,040	0,305
CHR9	13538868	CHR9:13538868	SSF x LoA	-8,24788257	-0,042	0,306
CHR9	13538963	CHR9:13538963	SSF x LoA	-8,99719738	-0,025	0,310
CHR9	13538973	CHR9:13538973	SSF x LoA	-7,99632362	-0,041	0,315
CHR9	13539000	CHR9:13539000	SSF x LoA	-9,88011226	-0,121	0,293
CHR9	13539011	CHR9:13539011	SSF x LoA	-9,98565738	0,105	0,323
CHR9	13539022	CHR9:13539022	SSF x LoA	-9,74955597	-0,032	0,314
CHR9	13539030	CHR9:13539030	SSF x LoA	-9,7660503	0,008	0,291
CHR9	1353998	CHR9:1353998	SSF x LoA	-8,22382093	-0,111	0,309
CHR9	13563456	CHR9:13563456	SSF x LoA	-9,79019713	0,051	0,309
CHR9	13563460	CHR9:13563460	SSF x LoA	-10,220292	0,063	0,309
CHR9	13563466	CHR9:13563466	SSF x LoA	-9,99175268	-0,118	0,310
CHR9	13563483	CHR9:13563483	SSF x LoA	-9,54469626	-0,010	0,308
CHR9	13589181	CHR9:13589181	SSF x LoA	-9,10962831	-0,018	0,304
CHR9	13589184	CHR9:13589184	SSF x LoA	-8,33871452	-0,057	0,313
CHR9	13589212	CHR9:13589212	SSF x LoA	-11,2184063	-0,078	0,302
CHR9	13589257	CHR9:13589257	SSF x LoA	-11,1315939	-0,081	0,307
CHR9	13589278	CHR9:13589278	SSF x LoA	-7,94978998	0,154	0,289
CHR9	13589416	CHR9:13589416	SSF x LoA	-7,42356007	0,150	0,291
CHR9	13606867	CHR9:13606867	SSF x LoA	-8,97171902	0,014	0,308
CHR9	13606990	CHR9:13606990	SSF x LoA	-12,1196151	-0,009	0,303
CHR9	13607243	CHR9:13607243	SSF x LoA	-10,4008248	-0,025	0,319
CHR9	13622459	CHR9:13622459	SSF x LoA	-10,0579186	0,002	0,291
CHR9	13622573	CHR9:13622573	SSF x LoA	-8,90930959	-0,073	0,314
CHR9	1362473	CHR9:1362473	SSF x LoA	-9,12532883	0,099	0,287
CHR9	13629448	CHR9:13629448	SSF x LoA	-9,59645241	0,103	0,306
CHR9	13629497	CHR9:13629497	SSF x LoA	-5,48644656	-0,142	0,303
CHR9	13629516	CHR9:13629516	SSF x LoA	-7,04677672	-0,088	0,301
CHR9	13629531	CHR9:13629531	SSF x LoA	-7,40163492	-0,091	0,292
CHR9	13629535	CHR9:13629535	SSF x LoA	-8,76171084	-0,039	0,288
CHR9	13633608	CHR9:13633608	SSF x LoA	-7,98354124	0,128	0,302

CHR9	13633628	CHR9:13633628	SSF x LoA	-10,0169227	0,069	0,311
CHR9	13633629	CHR9:13633629	SSF x LoA	-9,38088073	0,064	0,311
CHR9	13633630	CHR9:13633630	SSF x LoA	-12,2176547	0,031	0,306
CHR9	13662034	CHR9:13662034	SSF x LoA	-10,4114029	0,006	0,310
CHR9	13662124	CHR9:13662124	SSF x LoA	-8,76450869	0,018	0,305
CHR9	13662173	CHR9:13662173	SSF x LoA	-9,18794989	0,160	0,301
CHR9	13662273	CHR9:13662273	SSF x LoA	-7,95305298	-0,103	0,305
CHR9	13666871	CHR9:13666871	SSF x LoA	-4,23899293	-0,109	0,306
CHR9	13666889	CHR9:13666889	SSF x LoA	-10,373489	0,001	0,311
CHR9	13666943	CHR9:13666943	SSF x LoA	-9,42728517	-0,007	0,310
CHR9	13668134	CHR9:13668134	SSF x LoA	-8,46313852	-0,088	0,315
CHR9	13668164	CHR9:13668164	SSF x LoA	-10,3259504	0,035	0,306
CHR9	13668315	CHR9:13668315	SSF x LoA	-10,7860299	0,001	0,305
CHR9	1368463	CHR9:1368463	SSF x LoA	-8,87889917	-0,041	0,309
CHR9	13686275	CHR9:13686275	SSF x LoA	-9,32335989	0,065	0,312
CHR9	13686346	CHR9:13686346	SSF x LoA	-7,59759175	0,155	0,304
CHR9	13688802	CHR9:13688802	SSF x LoA	-8,21835461	-0,009	0,304
CHR9	13688902	CHR9:13688902	SSF x LoA	-10,7166911	0,105	0,299
CHR9	13688954	CHR9:13688954	SSF x LoA	-10,4656425	0,018	0,302
CHR9	13688956	CHR9:13688956	SSF x LoA	-9,71164042	0,049	0,317
CHR9	13711293	CHR9:13711293	SSF x LoA	0,05720942	-0,174	0,301
CHR9	13711294	CHR9:13711294	SSF x LoA	-8,9336826	0,096	0,302
CHR9	13715262	CHR9:13715262	SSF x LoA	-8,37295172	-0,059	0,298
CHR9	13715268	CHR9:13715268	SSF x LoA	-6,82561027	-0,038	0,319
CHR9	13715274	CHR9:13715274	SSF x LoA	-11,8402999	0,036	0,295
CHR9	13715283	CHR9:13715283	SSF x LoA	-9,12429105	-0,064	0,305
CHR9	13715289	CHR9:13715289	SSF x LoA	-0,45794874	-0,078	0,313
CHR9	13722805	CHR9:13722805	SSF x LoA	-9,68513243	0,012	0,288
CHR9	13722954	CHR9:13722954	SSF x LoA	-10,5748573	-0,034	0,311
CHR9	13727760	CHR9:13727760	SSF x LoA	-8,93621579	0,055	0,307
CHR9	13727785	CHR9:13727785	SSF x LoA	-11,1457851	-0,041	0,307
CHR9	13727862	CHR9:13727862	SSF x LoA	-11,2946442	0,055	0,302
CHR9	13727864	CHR9:13727864	SSF x LoA	-11,0897221	0,034	0,307
CHR9	13738209	CHR9:13738209	SSF x LoA	-8,70968438	0,058	0,309
CHR9	13738264	CHR9:13738264	SSF x LoA	-10,9499451	0,020	0,294
CHR9	13738327	CHR9:13738327	SSF x LoA	-11,3051514	0,065	0,313
CHR9	13738356	CHR9:13738356	SSF x LoA	-8,56258305	-0,026	0,313
CHR9	13738396	CHR9:13738396	SSF x LoA	-11,0040622	-0,007	0,317
CHR9	13738398	CHR9:13738398	SSF x LoA	-10,879544	-0,045	0,310
CHR9	13738475	CHR9:13738475	SSF x LoA	-10,3336261	-0,024	0,296
CHR9	13738510	CHR9:13738510	SSF x LoA	-9,92946354	-0,066	0,292
CHR9	13738520	CHR9:13738520	SSF x LoA	-10,7141009	-0,007	0,308
CHR9	13760275	CHR9:13760275	SSF x LoA	-11,339438	0,034	0,294
CHR9	13768874	CHR9:13768874	SSF x LoA	-7,98108713	0,036	0,303
CHR9	13768875	CHR9:13768875	SSF x LoA	-9,77107157	0,074	0,308
CHR9	13768920	CHR9:13768920	SSF x LoA	-8,64240067	0,018	0,318
CHR9	13770466	CHR9:13770466	SSF x LoA	-9,84001602	-0,003	0,293
CHR9	13770493	CHR9:13770493	SSF x LoA	-10,2711975	0,084	0,310
CHR9	13770497	CHR9:13770497	SSF x LoA	-10,1946391	-0,031	0,300
CHR9	13770499	CHR9:13770499	SSF x LoA	-10,6221246	0,022	0,301
CHR9	13770501	CHR9:13770501	SSF x LoA	-9,97706602	0,041	0,305
CHR9	13781166	CHR9:13781166	SSF x LoA	-11,2792057	-0,047	0,297
CHR9	13781244	CHR9:13781244	SSF x LoA	-7,62702427	-0,001	0,316

CHR9	13781277	CHR9:13781277	SSF x LoA	-9,97464339	0,037	0,296
CHR9	13781278	CHR9:13781278	SSF x LoA	-8,19592144	0,021	0,308
CHR9	13781376	CHR9:13781376	SSF x LoA	-10,1704443	0,130	0,301
CHR9	13781403	CHR9:13781403	SSF x LoA	-9,8682137	0,116	0,308
CHR9	13781407	CHR9:13781407	SSF x LoA	-8,96326289	0,123	0,318
CHR9	13781416	CHR9:13781416	SSF x LoA	-10,1725075	0,029	0,305
CHR9	13781423	CHR9:13781423	SSF x LoA	-10,71011	0,130	0,302
CHR9	13781435	CHR9:13781435	SSF x LoA	-9,39950185	0,065	0,304
CHR9	13794536	CHR9:13794536	SSF x LoA	10,3713832	-0,211	0,294
CHR9	13794609	CHR9:13794609	SSF x LoA	-10,1812083	-0,005	0,296
CHR9	13794623	CHR9:13794623	SSF x LoA	-11,7630502	0,019	0,318
CHR9	1379589	CHR9:1379589	SSF x LoA	-11,9017719	-0,074	0,292
CHR9	13798828	CHR9:13798828	SSF x LoA	-10,2928056	0,035	0,310
CHR9	13798830	CHR9:13798830	SSF x LoA	-9,3368328	0,041	0,300
CHR9	13799716	CHR9:13799716	SSF x LoA	-8,77288316	0,135	0,304
CHR9	13812486	CHR9:13812486	SSF x LoA	-10,5345763	-0,016	0,305
CHR9	13816145	CHR9:13816145	SSF x LoA	-4,65334253	0,030	0,316
CHR9	13816149	CHR9:13816149	SSF x LoA	-11,2750669	0,020	0,310
CHR9	13816162	CHR9:13816162	SSF x LoA	-8,67747415	0,067	0,296
CHR9	13825078	CHR9:13825078	SSF x LoA	-6,69067179	-0,044	0,298
CHR9	13825136	CHR9:13825136	SSF x LoA	-10,2121882	0,035	0,306
CHR9	13825336	CHR9:13825336	SSF x LoA	-8,06516113	0,056	0,298
CHR9	13826516	CHR9:13826516	SSF x LoA	-10,5722754	0,027	0,299
CHR9	13826547	CHR9:13826547	SSF x LoA	-9,98205647	0,000	0,312
CHR9	13826618	CHR9:13826618	SSF x LoA	-10,4696485	-0,004	0,301
CHR9	13826630	CHR9:13826630	SSF x LoA	-11,0621329	-0,030	0,295
CHR9	13863346	CHR9:13863346	SSF x LoA	-9,98662847	0,000	0,300
CHR9	13868230	CHR9:13868230	SSF x LoA	-12,7409261	0,010	0,301
CHR9	13868274	CHR9:13868274	SSF x LoA	-11,7812545	-0,004	0,303
CHR9	13879536	CHR9:13879536	SSF x LoA	-8,49903666	-0,035	0,304
CHR9	13879543	CHR9:13879543	SSF x LoA	-11,1143035	0,021	0,326
CHR9	13879595	CHR9:13879595	SSF x LoA	-9,26657463	0,049	0,309
CHR9	13879628	CHR9:13879628	SSF x LoA	-9,00958242	0,066	0,312
CHR9	13879747	CHR9:13879747	SSF x LoA	-9,13131083	0,034	0,303
CHR9	13879776	CHR9:13879776	SSF x LoA	-8,73299439	-0,099	0,294
CHR9	13905998	CHR9:13905998	SSF x LoA	-9,04844635	0,026	0,313
CHR9	13906098	CHR9:13906098	SSF x LoA	-9,62858774	0,076	0,306
CHR9	13908220	CHR9:13908220	SSF x LoA	-8,25788974	-0,118	0,314
CHR9	13908273	CHR9:13908273	SSF x LoA	-10,266797	-0,065	0,308
CHR9	13908279	CHR9:13908279	SSF x LoA	-7,9760834	0,086	0,310
CHR9	13911822	CHR9:13911822	SSF x LoA	-3,36087663	-0,082	0,319
CHR9	13911824	CHR9:13911824	SSF x LoA	-9,62672845	-0,078	0,308
CHR9	13911837	CHR9:13911837	SSF x LoA	-9,34089163	-0,045	0,307
CHR9	13911845	CHR9:13911845	SSF x LoA	-6,37257287	0,066	0,318
CHR9	13911854	CHR9:13911854	SSF x LoA	-8,73667162	0,026	0,306
CHR9	13911866	CHR9:13911866	SSF x LoA	-8,88508044	0,079	0,303
CHR9	13911868	CHR9:13911868	SSF x LoA	-8,37502296	0,052	0,305
CHR9	13911904	CHR9:13911904	SSF x LoA	-8,66497972	-0,109	0,306
CHR9	13911917	CHR9:13911917	SSF x LoA	-9,79232451	0,047	0,290
CHR9	13911924	CHR9:13911924	SSF x LoA	-8,53688045	0,059	0,311
CHR9	13911930	CHR9:13911930	SSF x LoA	-8,58772246	0,070	0,290
CHR9	13911932	CHR9:13911932	SSF x LoA	-10,251854	-0,041	0,315
CHR9	13912938	CHR9:13912938	SSF x LoA	-11,9784208	-0,019	0,301

CHR9	13922527	CHR9:13922527	SSF x LoA	-9,21247739	0,060	0,283
CHR9	13922590	CHR9:13922590	SSF x LoA	-8,72934444	-0,184	0,297
CHR9	13922612	CHR9:13922612	SSF x LoA	-6,65363295	0,155	0,284
CHR9	13923093	CHR9:13923093	SSF x LoA	-8,07587659	-0,115	0,311
CHR9	13923172	CHR9:13923172	SSF x LoA	-9,09380159	-0,025	0,307
CHR9	13926507	CHR9:13926507	SSF x LoA	-10,5461485	-0,066	0,305
CHR9	13926511	CHR9:13926511	SSF x LoA	-9,84031609	0,024	0,308
CHR9	13926616	CHR9:13926616	SSF x LoA	-10,8631511	0,044	0,307
CHR9	13926660	CHR9:13926660	SSF x LoA	-8,24953072	0,095	0,302
CHR9	13926679	CHR9:13926679	SSF x LoA	-10,0505934	0,083	0,283
CHR9	13926764	CHR9:13926764	SSF x LoA	-11,5110784	-0,003	0,298
CHR9	13928113	CHR9:13928113	SSF x LoA	-7,14362201	0,025	0,307
CHR9	13936576	CHR9:13936576	SSF x LoA	-7,82061258	0,106	0,308
CHR9	13936735	CHR9:13936735	SSF x LoA	-9,14857574	-0,098	0,297
CHR9	13936746	CHR9:13936746	SSF x LoA	-11,2741806	0,046	0,308
CHR9	13936783	CHR9:13936783	SSF x LoA	-10,203081	-0,001	0,308
CHR9	13943168	CHR9:13943168	SSF x LoA	-9,09912523	-0,073	0,301
CHR9	13943260	CHR9:13943260	SSF x LoA	-8,63353936	0,120	0,294
CHR9	13943301	CHR9:13943301	SSF x LoA	-9,67090684	-0,145	0,301
CHR9	13943351	CHR9:13943351	SSF x LoA	-11,2879238	0,033	0,311
CHR9	13951622	CHR9:13951622	SSF x LoA	-10,1263791	-0,004	0,300
CHR9	13951649	CHR9:13951649	SSF x LoA	-8,32490562	-0,019	0,321
CHR9	13951703	CHR9:13951703	SSF x LoA	-9,07385993	0,036	0,311
CHR9	13952039	CHR9:13952039	SSF x LoA	-7,37174008	0,031	0,313
CHR9	13952049	CHR9:13952049	SSF x LoA	-11,2908085	0,041	0,321
CHR9	13952153	CHR9:13952153	SSF x LoA	-9,60178889	0,048	0,299
CHR9	13952155	CHR9:13952155	SSF x LoA	-7,83972673	-0,009	0,318
CHR9	13970419	CHR9:13970419	SSF x LoA	-9,23328287	0,040	0,311
CHR9	13981601	CHR9:13981601	SSF x LoA	-6,8280066	0,092	0,321
CHR9	13981715	CHR9:13981715	SSF x LoA	-8,90338031	0,043	0,303
CHR9	13991461	CHR9:13991461	SSF x LoA	-10,2232821	-0,026	0,311
CHR9	13991572	CHR9:13991572	SSF x LoA	-11,9204705	-0,054	0,287
CHR9	13994634	CHR9:13994634	SSF x LoA	-10,8214621	0,047	0,313
CHR9	140142	CHR9:140142	SSF x LoA	-7,94373937	-0,026	0,308
CHR9	14027498	CHR9:14027498	SSF x LoA	-9,96264865	0,037	0,319
CHR9	14027499	CHR9:14027499	SSF x LoA	-10,3521223	0,030	0,310
CHR9	14027501	CHR9:14027501	SSF x LoA	-10,3386255	0,077	0,307
CHR9	14027517	CHR9:14027517	SSF x LoA	-10,7076479	0,040	0,308
CHR9	14043712	CHR9:14043712	SSF x LoA	-6,81432906	0,081	0,307
CHR9	14043728	CHR9:14043728	SSF x LoA	-8,00771834	0,131	0,291
CHR9	14043729	CHR9:14043729	SSF x LoA	-9,57008358	0,091	0,305
CHR9	14043735	CHR9:14043735	SSF x LoA	-8,47345171	0,027	0,308
CHR9	14043736	CHR9:14043736	SSF x LoA	-8,26081065	0,087	0,307
CHR9	14043755	CHR9:14043755	SSF x LoA	-9,67675008	0,001	0,300
CHR9	14043756	CHR9:14043756	SSF x LoA	-9,65807269	0,078	0,314
CHR9	14043760	CHR9:14043760	SSF x LoA	-8,74058486	-0,081	0,301
CHR9	14045129	CHR9:14045129	SSF x LoA	-11,1190075	-0,010	0,304
CHR9	14045183	CHR9:14045183	SSF x LoA	-12,6026943	-0,059	0,302
CHR9	14046332	CHR9:14046332	SSF x LoA	-10,4509706	0,045	0,297
CHR9	14049555	CHR9:14049555	SSF x LoA	-10,1051954	0,008	0,304
CHR9	14049586	CHR9:14049586	SSF x LoA	-8,75472319	-0,131	0,309
CHR9	14049595	CHR9:14049595	SSF x LoA	-8,95505798	-0,090	0,315
CHR9	14049964	CHR9:14049964	SSF x LoA	-12,2616419	0,011	0,322

CHR9	14049992	CHR9:14049992	SSF x LoA	-12,3191091	0,040	0,311
CHR9	14050078	CHR9:14050078	SSF x LoA	-9,45289488	0,059	0,329
CHR9	14058237	CHR9:14058237	SSF x LoA	-10,3130921	0,054	0,306
CHR9	14058314	CHR9:14058314	SSF x LoA	-10,7726829	-0,012	0,324
CHR9	14058471	CHR9:14058471	SSF x LoA	-6,07629998	-0,059	0,312
CHR9	14058479	CHR9:14058479	SSF x LoA	-8,27482667	-0,037	0,307
CHR9	14058499	CHR9:14058499	SSF x LoA	-8,74283994	0,101	0,293
CHR9	14063243	CHR9:14063243	SSF x LoA	-7,39869072	0,000	0,313
CHR9	14063259	CHR9:14063259	SSF x LoA	-8,48801591	-0,018	0,316
CHR9	14063285	CHR9:14063285	SSF x LoA	-6,12771908	-0,226	0,285
CHR9	14063293	CHR9:14063293	SSF x LoA	-10,4164744	0,044	0,306
CHR9	14080811	CHR9:14080811	SSF x LoA	-10,4576122	-0,023	0,306
CHR9	14080858	CHR9:14080858	SSF x LoA	-10,0400327	-0,118	0,306
CHR9	1409099	CHR9:1409099	SSF x LoA	-7,80123505	0,135	0,296
CHR9	1409129	CHR9:1409129	SSF x LoA	-2,36304034	0,081	0,299
CHR9	1409218	CHR9:1409218	SSF x LoA	-10,6484546	-0,035	0,307
CHR9	1409369	CHR9:1409369	SSF x LoA	-9,32905049	-0,103	0,299
CHR9	14108445	CHR9:14108445	SSF x LoA	-8,66234549	-0,094	0,304
CHR9	14112293	CHR9:14112293	SSF x LoA	-10,8894614	-0,144	0,291
CHR9	14112295	CHR9:14112295	SSF x LoA	-7,01480718	-0,124	0,311
CHR9	14112341	CHR9:14112341	SSF x LoA	-7,31413108	0,095	0,305
CHR9	14112395	CHR9:14112395	SSF x LoA	-10,558905	-0,070	0,312
CHR9	14112433	CHR9:14112433	SSF x LoA	-10,1209128	0,005	0,299
CHR9	14112469	CHR9:14112469	SSF x LoA	-8,25590695	-0,043	0,300
CHR9	14112471	CHR9:14112471	SSF x LoA	-8,82263089	-0,032	0,312
CHR9	14112557	CHR9:14112557	SSF x LoA	-2,45724033	-0,076	0,313
CHR9	1412414	CHR9:1412414	SSF x LoA	-8,04718615	0,003	0,313
CHR9	1412444	CHR9:1412444	SSF x LoA	-9,1512112	0,050	0,313
CHR9	14125221	CHR9:14125221	SSF x LoA	-10,7919792	-0,027	0,292
CHR9	14125224	CHR9:14125224	SSF x LoA	-9,75329093	-0,028	0,310
CHR9	14125384	CHR9:14125384	SSF x LoA	-8,37923507	-0,061	0,304
CHR9	14129210	CHR9:14129210	SSF x LoA	-7,43366575	-0,106	0,290
CHR9	14143015	CHR9:14143015	SSF x LoA	-8,51909031	0,062	0,312
CHR9	14143100	CHR9:14143100	SSF x LoA	-7,82718597	0,034	0,317
CHR9	1415637	CHR9:1415637	SSF x LoA	-7,48902525	0,158	0,310
CHR9	1415779	CHR9:1415779	SSF x LoA	-11,3057554	0,044	0,309
CHR9	1415824	CHR9:1415824	SSF x LoA	-8,69896274	-0,057	0,311
CHR9	1415909	CHR9:1415909	SSF x LoA	-10,1565863	-0,097	0,308
CHR9	14163868	CHR9:14163868	SSF x LoA	-12,0141798	-0,010	0,297
CHR9	14175907	CHR9:14175907	SSF x LoA	-11,0360599	-0,097	0,290
CHR9	14175911	CHR9:14175911	SSF x LoA	-9,39302892	-0,098	0,299
CHR9	14176051	CHR9:14176051	SSF x LoA	-10,197151	-0,063	0,297
CHR9	14184616	CHR9:14184616	SSF x LoA	-10,2058425	0,130	0,308
CHR9	14184641	CHR9:14184641	SSF x LoA	-10,9596531	0,090	0,298
CHR9	14184644	CHR9:14184644	SSF x LoA	-9,30348215	0,105	0,312
CHR9	14184653	CHR9:14184653	SSF x LoA	-8,53428172	0,090	0,312
CHR9	14184661	CHR9:14184661	SSF x LoA	-7,82545552	0,110	0,306
CHR9	14184669	CHR9:14184669	SSF x LoA	-9,06628549	0,089	0,316
CHR9	14200981	CHR9:14200981	SSF x LoA	-11,095071	-0,016	0,297
CHR9	1420579	CHR9:1420579	SSF x LoA	-10,7344472	-0,005	0,317
CHR9	14211587	CHR9:14211587	SSF x LoA	-9,4135647	-0,010	0,309
CHR9	14211630	CHR9:14211630	SSF x LoA	-7,85936008	-0,021	0,312
CHR9	14211640	CHR9:14211640	SSF x LoA	-8,87823755	0,021	0,308

CHR9	14211653	CHR9:14211653	SSF x LoA	-9,09247849	0,014	0,313
CHR9	14211711	CHR9:14211711	SSF x LoA	-6,8247241	-0,049	0,325
CHR9	14218657	CHR9:14218657	SSF x LoA	-9,31015408	0,087	0,317
CHR9	14224390	CHR9:14224390	SSF x LoA	-1,6567082	-0,140	0,291
CHR9	14251026	CHR9:14251026	SSF x LoA	-4,87823151	0,025	0,313
CHR9	14258728	CHR9:14258728	SSF x LoA	-8,57524061	0,086	0,294
CHR9	14258731	CHR9:14258731	SSF x LoA	-10,875987	0,063	0,290
CHR9	14258816	CHR9:14258816	SSF x LoA	-11,3082046	0,025	0,309
CHR9	1427423	CHR9:1427423	SSF x LoA	-12,040122	-0,052	0,298
CHR9	1431981	CHR9:1431981	SSF x LoA	-9,53225884	0,024	0,317
CHR9	1432098	CHR9:1432098	SSF x LoA	-8,89727024	0,067	0,300
CHR9	1432185	CHR9:1432185	SSF x LoA	-6,49264823	0,157	0,301
CHR9	1432192	CHR9:1432192	SSF x LoA	-8,95091213	-0,098	0,306
CHR9	1432289	CHR9:1432289	SSF x LoA	-8,75940523	0,074	0,311
CHR9	14378987	CHR9:14378987	SSF x LoA	-8,08742838	-0,073	0,299
CHR9	14393794	CHR9:14393794	SSF x LoA	-4,49467185	0,090	0,304
CHR9	14393814	CHR9:14393814	SSF x LoA	-8,6384945	0,032	0,309
CHR9	14403482	CHR9:14403482	SSF x LoA	-8,02906924	-0,003	0,312
CHR9	14403536	CHR9:14403536	SSF x LoA	-7,40534845	-0,037	0,331
CHR9	14403720	CHR9:14403720	SSF x LoA	-5,82005965	0,015	0,313
CHR9	14403729	CHR9:14403729	SSF x LoA	-9,40823454	-0,010	0,318
CHR9	14403800	CHR9:14403800	SSF x LoA	-8,60137144	0,012	0,321
CHR9	14405749	CHR9:14405749	SSF x LoA	-9,15017662	-0,005	0,312
CHR9	14405786	CHR9:14405786	SSF x LoA	-8,42310346	0,014	0,317
CHR9	14405790	CHR9:14405790	SSF x LoA	-8,05903814	0,013	0,334
CHR9	14426549	CHR9:14426549	SSF x LoA	-10,9073306	0,016	0,297
CHR9	14457773	CHR9:14457773	SSF x LoA	-11,6114616	0,030	0,301
CHR9	14458045	CHR9:14458045	SSF x LoA	-10,3866327	-0,003	0,308
CHR9	14472720	CHR9:14472720	SSF x LoA	-10,2387366	0,034	0,306
CHR9	14472748	CHR9:14472748	SSF x LoA	-10,7318815	0,006	0,305
CHR9	14472760	CHR9:14472760	SSF x LoA	-12,5008048	0,021	0,297
CHR9	14472761	CHR9:14472761	SSF x LoA	-9,34149983	-0,030	0,316
CHR9	14472776	CHR9:14472776	SSF x LoA	-5,59574562	0,033	0,315
CHR9	14472794	CHR9:14472794	SSF x LoA	-11,0541583	0,025	0,319
CHR9	14478155	CHR9:14478155	SSF x LoA	-1,67453434	-0,086	0,312
CHR9	14478202	CHR9:14478202	SSF x LoA	-9,62544993	-0,003	0,321
CHR9	14517529	CHR9:14517529	SSF x LoA	-8,9750674	-0,057	0,320
CHR9	14545017	CHR9:14545017	SSF x LoA	-7,44622031	0,010	0,331
CHR9	14545026	CHR9:14545026	SSF x LoA	-8,42514808	0,016	0,324
CHR9	14545066	CHR9:14545066	SSF x LoA	-7,25689341	-0,028	0,323
CHR9	14545094	CHR9:14545094	SSF x LoA	-8,68956985	0,023	0,319
CHR9	14547725	CHR9:14547725	SSF x LoA	-8,19484636	-0,002	0,305
CHR9	14547778	CHR9:14547778	SSF x LoA	-9,02597975	0,005	0,310
CHR9	14547788	CHR9:14547788	SSF x LoA	-6,67407439	0,003	0,328
CHR9	14547791	CHR9:14547791	SSF x LoA	-8,49771557	-0,018	0,330
CHR9	14547805	CHR9:14547805	SSF x LoA	-8,38318464	-0,003	0,318
CHR9	14547818	CHR9:14547818	SSF x LoA	-7,52645595	-0,017	0,314
CHR9	14547821	CHR9:14547821	SSF x LoA	-8,36668436	-0,020	0,315
CHR9	14547825	CHR9:14547825	SSF x LoA	-8,01836714	0,004	0,320
CHR9	14547855	CHR9:14547855	SSF x LoA	-7,5825792	-0,022	0,338
CHR9	14547861	CHR9:14547861	SSF x LoA	-8,66634697	0,003	0,314
CHR9	14548226	CHR9:14548226	SSF x LoA	-9,53496135	0,000	0,305
CHR9	14548231	CHR9:14548231	SSF x LoA	-8,94684884	-0,039	0,306

CHR9	14548234	CHR9:14548234	SSF x LoA	-7,64443113	-0,008	0,311
CHR9	14548242	CHR9:14548242	SSF x LoA	-5,96415512	-0,051	0,310
CHR9	14548252	CHR9:14548252	SSF x LoA	-8,24969695	-0,016	0,324
CHR9	14548254	CHR9:14548254	SSF x LoA	-8,79438331	-0,029	0,311
CHR9	14548265	CHR9:14548265	SSF x LoA	-3,51200293	-0,020	0,310
CHR9	14548273	CHR9:14548273	SSF x LoA	-8,37345387	-0,045	0,313
CHR9	14548275	CHR9:14548275	SSF x LoA	-8,13917478	-0,015	0,312
CHR9	14548287	CHR9:14548287	SSF x LoA	-8,55722972	-0,011	0,318
CHR9	14548290	CHR9:14548290	SSF x LoA	-7,98901049	-0,045	0,306
CHR9	14548291	CHR9:14548291	SSF x LoA	-7,67403572	-0,040	0,316
CHR9	14548293	CHR9:14548293	SSF x LoA	-7,92817133	-0,032	0,317
CHR9	14548306	CHR9:14548306	SSF x LoA	-9,21567763	-0,029	0,303
CHR9	14548308	CHR9:14548308	SSF x LoA	-8,60043837	-0,016	0,319
CHR9	14548314	CHR9:14548314	SSF x LoA	-6,1506206	-0,060	0,306
CHR9	14548328	CHR9:14548328	SSF x LoA	-8,88380415	-0,022	0,308
CHR9	14552457	CHR9:14552457	SSF x LoA	-7,79640109	-0,039	0,302
CHR9	14555741	CHR9:14555741	SSF x LoA	-7,40991846	-0,050	0,309
CHR9	14557628	CHR9:14557628	SSF x LoA	-8,99892052	-0,052	0,308
CHR9	14559190	CHR9:14559190	SSF x LoA	-8,49918161	-0,004	0,308
CHR9	14644020	CHR9:14644020	SSF x LoA	-8,9047995	-0,056	0,315
CHR9	14647002	CHR9:14647002	SSF x LoA	-11,9757936	0,072	0,296
CHR9	1464814	CHR9:1464814	SSF x LoA	-10,4893382	0,036	0,300
CHR9	1465793	CHR9:1465793	SSF x LoA	-11,5609231	0,034	0,298
CHR9	1465839	CHR9:1465839	SSF x LoA	-8,00077678	0,163	0,302
CHR9	1465841	CHR9:1465841	SSF x LoA	-9,28830255	0,005	0,309
CHR9	14670739	CHR9:14670739	SSF x LoA	-10,5153375	-0,077	0,297
CHR9	14682003	CHR9:14682003	SSF x LoA	-3,86962782	0,137	0,308
CHR9	14688530	CHR9:14688530	SSF x LoA	-8,12273156	-0,003	0,315
CHR9	1470724	CHR9:1470724	SSF x LoA	-8,52061828	-0,042	0,303
CHR9	14707296	CHR9:14707296	SSF x LoA	-9,09774426	-0,027	0,309
CHR9	1470766	CHR9:1470766	SSF x LoA	-9,49369176	-0,079	0,306
CHR9	14714383	CHR9:14714383	SSF x LoA	-7,33973196	-0,004	0,317
CHR9	14717650	CHR9:14717650	SSF x LoA	-7,98455371	-0,008	0,306
CHR9	14717747	CHR9:14717747	SSF x LoA	-6,8445318	0,017	0,304
CHR9	14726612	CHR9:14726612	SSF x LoA	-9,0048405	-0,002	0,318
CHR9	14729129	CHR9:14729129	SSF x LoA	-4,56515143	-0,082	0,318
CHR9	14737081	CHR9:14737081	SSF x LoA	-4,78986654	0,050	0,298
CHR9	14747188	CHR9:14747188	SSF x LoA	-10,3491642	0,000	0,302
CHR9	14767450	CHR9:14767450	SSF x LoA	-5,14546884	-0,170	0,313
CHR9	14787239	CHR9:14787239	SSF x LoA	-6,52553418	-0,111	0,307
CHR9	14787406	CHR9:14787406	SSF x LoA	-8,47638203	-0,139	0,293
CHR9	14855966	CHR9:14855966	SSF x LoA	-6,60300966	-0,125	0,308
CHR9	14866644	CHR9:14866644	SSF x LoA	-6,21534428	0,154	0,303
CHR9	14873809	CHR9:14873809	SSF x LoA	-9,11767562	-0,094	0,304
CHR9	14893658	CHR9:14893658	SSF x LoA	-10,1543787	0,107	0,296
CHR9	14906891	CHR9:14906891	SSF x LoA	-9,01461034	0,017	0,305
CHR9	14906895	CHR9:14906895	SSF x LoA	-7,96879802	-0,013	0,321
CHR9	14922686	CHR9:14922686	SSF x LoA	-9,45187923	0,115	0,313
CHR9	14949736	CHR9:14949736	SSF x LoA	-5,01246843	-0,043	0,318
CHR9	14962468	CHR9:14962468	SSF x LoA	-8,84041138	-0,056	0,316
CHR9	14962576	CHR9:14962576	SSF x LoA	-5,82122292	-0,055	0,312
CHR9	14974833	CHR9:14974833	SSF x LoA	-4,29456929	-0,030	0,313
CHR9	14978806	CHR9:14978806	SSF x LoA	-9,24943268	0,086	0,301

CHR9	14982996	CHR9:14982996	SSF x LoA	-8,95714148	0,173	0,298
CHR9	14983259	CHR9:14983259	SSF x LoA	-9,61029041	-0,006	0,315
CHR9	14983283	CHR9:14983283	SSF x LoA	-8,07672008	0,000	0,320
CHR9	14983346	CHR9:14983346	SSF x LoA	-9,20670095	-0,001	0,321
CHR9	14983352	CHR9:14983352	SSF x LoA	-8,58809489	0,011	0,318
CHR9	15000558	CHR9:15000558	SSF x LoA	-3,09406577	-0,218	0,288
CHR9	15000613	CHR9:15000613	SSF x LoA	-6,93274869	-0,159	0,291
CHR9	15016341	CHR9:15016341	SSF x LoA	-6,22001389	-0,192	0,300
CHR9	15016525	CHR9:15016525	SSF x LoA	-8,27154375	-0,072	0,314
CHR9	15020370	CHR9:15020370	SSF x LoA	-10,9729916	0,058	0,302
CHR9	15020407	CHR9:15020407	SSF x LoA	-3,88509954	-0,144	0,305
CHR9	15020739	CHR9:15020739	SSF x LoA	-7,33598787	-0,190	0,287
CHR9	15033935	CHR9:15033935	SSF x LoA	-8,08680317	-0,165	0,283
CHR9	15033948	CHR9:15033948	SSF x LoA	-6,91990195	-0,082	0,304
CHR9	15033964	CHR9:15033964	SSF x LoA	-7,51299215	-0,108	0,299
CHR9	15034061	CHR9:15034061	SSF x LoA	-8,07705047	-0,084	0,296
CHR9	1504051	CHR9:1504051	SSF x LoA	-7,88090275	0,114	0,308
CHR9	1504106	CHR9:1504106	SSF x LoA	-6,70340337	0,162	0,301
CHR9	1504125	CHR9:1504125	SSF x LoA	-10,6439182	-0,018	0,305
CHR9	15041335	CHR9:15041335	SSF x LoA	-10,4542893	-0,076	0,312
CHR9	15046088	CHR9:15046088	SSF x LoA	-5,50852144	-0,100	0,320
CHR9	1506456	CHR9:1506456	SSF x LoA	-10,3048854	-0,012	0,306
CHR9	1506507	CHR9:1506507	SSF x LoA	-7,76186964	0,034	0,296
CHR9	1506572	CHR9:1506572	SSF x LoA	-8,78420418	0,065	0,306
CHR9	1506651	CHR9:1506651	SSF x LoA	-10,9686892	0,024	0,312
CHR9	1506652	CHR9:1506652	SSF x LoA	-11,0400225	0,018	0,304
CHR9	1506675	CHR9:1506675	SSF x LoA	-10,0550737	0,010	0,309
CHR9	15093938	CHR9:15093938	SSF x LoA	-8,17598199	-0,106	0,298
CHR9	15128678	CHR9:15128678	SSF x LoA	-9,4125173	0,060	0,319
CHR9	1514929	CHR9:1514929	SSF x LoA	-8,30483978	0,051	0,307
CHR9	15151599	CHR9:15151599	SSF x LoA	-7,12943737	-0,141	0,289
CHR9	15151810	CHR9:15151810	SSF x LoA	-7,39909364	-0,103	0,299
CHR9	15159901	CHR9:15159901	SSF x LoA	-5,48535309	-0,093	0,284
CHR9	15173944	CHR9:15173944	SSF x LoA	-7,741643	-0,102	0,303
CHR9	15188012	CHR9:15188012	SSF x LoA	-5,75446322	-0,116	0,302
CHR9	1520325	CHR9:1520325	SSF x LoA	-9,70327895	-0,015	0,302
CHR9	1520426	CHR9:1520426	SSF x LoA	-8,13328898	-0,008	0,310
CHR9	15228943	CHR9:15228943	SSF x LoA	6,77983834	-0,055	0,307
CHR9	15232991	CHR9:15232991	SSF x LoA	-9,40287928	0,070	0,307
CHR9	1523535	CHR9:1523535	SSF x LoA	-9,95335575	0,103	0,306
CHR9	1523579	CHR9:1523579	SSF x LoA	-9,69621349	0,116	0,306
CHR9	1523585	CHR9:1523585	SSF x LoA	-2,8966106	-0,208	0,296
CHR9	1526234	CHR9:1526234	SSF x LoA	-9,24194431	0,028	0,315
CHR9	1526266	CHR9:1526266	SSF x LoA	-8,71405525	0,033	0,314
CHR9	1526310	CHR9:1526310	SSF x LoA	-11,5882895	0,012	0,311
CHR9	1526350	CHR9:1526350	SSF x LoA	-10,3165886	-0,037	0,303
CHR9	15279073	CHR9:15279073	SSF x LoA	-4,7189522	0,027	0,295
CHR9	15295496	CHR9:15295496	SSF x LoA	-7,87286027	-0,109	0,304
CHR9	15295655	CHR9:15295655	SSF x LoA	-8,69773308	-0,092	0,297
CHR9	1530019	CHR9:1530019	SSF x LoA	-5,41515197	0,019	0,308
CHR9	15302797	CHR9:15302797	SSF x LoA	-7,72029142	-0,070	0,305
CHR9	1530297	CHR9:1530297	SSF x LoA	-9,8271547	0,005	0,302
CHR9	15311218	CHR9:15311218	SSF x LoA	-11,3951583	-0,057	0,302

CHR9	15311261	CHR9:15311261	SSF x LoA	-11,1916832	0,026	0,307
CHR9	15320610	CHR9:15320610	SSF x LoA	-9,11468207	-0,008	0,307
CHR9	15326265	CHR9:15326265	SSF x LoA	-10,7333931	-0,078	0,305
CHR9	1532732	CHR9:1532732	SSF x LoA	-6,724589	0,086	0,297
CHR9	1532744	CHR9:1532744	SSF x LoA	-10,4621086	0,013	0,312
CHR9	15340433	CHR9:15340433	SSF x LoA	-6,33771475	-0,025	0,315
CHR9	1537723	CHR9:1537723	SSF x LoA	-8,44508581	0,035	0,306
CHR9	1537825	CHR9:1537825	SSF x LoA	-7,17035075	0,055	0,317
CHR9	1537935	CHR9:1537935	SSF x LoA	-7,94571251	0,124	0,303
CHR9	1537949	CHR9:1537949	SSF x LoA	-6,97097232	0,116	0,296
CHR9	15390844	CHR9:15390844	SSF x LoA	-10,0351354	-0,050	0,312
CHR9	15423551	CHR9:15423551	SSF x LoA	-9,57597791	-0,048	0,302
CHR9	15423552	CHR9:15423552	SSF x LoA	-8,59042282	-0,067	0,298
CHR9	15430431	CHR9:15430431	SSF x LoA	-9,70446985	0,033	0,315
CHR9	1544783	CHR9:1544783	SSF x LoA	-6,95646501	0,036	0,296
CHR9	1544812	CHR9:1544812	SSF x LoA	-8,03421865	0,018	0,305
CHR9	1544825	CHR9:1544825	SSF x LoA	-10,6465971	-0,009	0,311
CHR9	1544846	CHR9:1544846	SSF x LoA	-8,60688068	0,029	0,309
CHR9	1547449	CHR9:1547449	SSF x LoA	-9,24330476	-0,026	0,311
CHR9	1547469	CHR9:1547469	SSF x LoA	-12,0917	0,023	0,296
CHR9	15481303	CHR9:15481303	SSF x LoA	-7,86677929	-0,074	0,302
CHR9	15513397	CHR9:15513397	SSF x LoA	-11,0841904	-0,053	0,299
CHR9	15513433	CHR9:15513433	SSF x LoA	-7,6354092	-0,060	0,314
CHR9	1551764	CHR9:1551764	SSF x LoA	-10,9371048	0,007	0,294
CHR9	15584796	CHR9:15584796	SSF x LoA	-8,03463003	-0,002	0,318
CHR9	15584862	CHR9:15584862	SSF x LoA	-9,00843966	-0,015	0,308
CHR9	15584879	CHR9:15584879	SSF x LoA	-5,8683729	-0,057	0,317
CHR9	15584898	CHR9:15584898	SSF x LoA	-8,98159284	0,020	0,295
CHR9	15584916	CHR9:15584916	SSF x LoA	-8,58770735	-0,036	0,309
CHR9	15584932	CHR9:15584932	SSF x LoA	-8,2334936	-0,004	0,322
CHR9	15584948	CHR9:15584948	SSF x LoA	-8,87359318	-0,014	0,318
CHR9	15584949	CHR9:15584949	SSF x LoA	-8,58075289	-0,007	0,321
CHR9	15584963	CHR9:15584963	SSF x LoA	-8,90413555	-0,005	0,318
CHR9	15584966	CHR9:15584966	SSF x LoA	-4,48786143	0,013	0,311
CHR9	1560120	CHR9:1560120	SSF x LoA	-12,1005807	-0,011	0,300
CHR9	1560147	CHR9:1560147	SSF x LoA	-10,6603489	0,087	0,313
CHR9	1560157	CHR9:1560157	SSF x LoA	-8,78259449	0,032	0,309
CHR9	1560268	CHR9:1560268	SSF x LoA	-9,20912249	0,076	0,296
CHR9	15630016	CHR9:15630016	SSF x LoA	-6,40351974	-0,067	0,316
CHR9	1566302	CHR9:1566302	SSF x LoA	-10,5516592	0,064	0,304
CHR9	1566314	CHR9:1566314	SSF x LoA	-7,98996933	-0,082	0,312
CHR9	15730983	CHR9:15730983	SSF x LoA	-8,90415215	-0,019	0,323
CHR9	15730994	CHR9:15730994	SSF x LoA	-7,7427647	-0,001	0,316
CHR9	15731018	CHR9:15731018	SSF x LoA	-5,28849811	-0,004	0,325
CHR9	15731024	CHR9:15731024	SSF x LoA	-9,54127574	0,005	0,309
CHR9	15731033	CHR9:15731033	SSF x LoA	-8,6807092	0,021	0,317
CHR9	15731060	CHR9:15731060	SSF x LoA	-9,09610927	-0,028	0,306
CHR9	15731077	CHR9:15731077	SSF x LoA	-8,53140074	0,012	0,321
CHR9	15731082	CHR9:15731082	SSF x LoA	-8,80849845	-0,032	0,311
CHR9	15731093	CHR9:15731093	SSF x LoA	-8,46294757	0,001	0,326
CHR9	15731099	CHR9:15731099	SSF x LoA	-8,43451982	-0,015	0,323
CHR9	1574840	CHR9:1574840	SSF x LoA	-9,2466793	0,049	0,312
CHR9	1574942	CHR9:1574942	SSF x LoA	-10,0023696	-0,030	0,307

CHR9	1575027	CHR9:1575027	SSF x LoA	-8,3215121	-0,065	0,294
CHR9	15762264	CHR9:15762264	SSF x LoA	-8,01832473	0,020	0,310
CHR9	15762274	CHR9:15762274	SSF x LoA	-9,185793	0,001	0,314
CHR9	15762329	CHR9:15762329	SSF x LoA	-8,99457551	0,003	0,317
CHR9	15762338	CHR9:15762338	SSF x LoA	-7,48598717	-0,012	0,311
CHR9	15762446	CHR9:15762446	SSF x LoA	-9,81585887	-0,020	0,318
CHR9	15774716	CHR9:15774716	SSF x LoA	-10,1798819	0,003	0,303
CHR9	1578591	CHR9:1578591	SSF x LoA	-8,74762272	-0,054	0,309
CHR9	1578596	CHR9:1578596	SSF x LoA	-7,30630889	-0,161	0,285
CHR9	1578621	CHR9:1578621	SSF x LoA	-8,64228718	0,057	0,288
CHR9	1578651	CHR9:1578651	SSF x LoA	-9,95433942	0,091	0,310
CHR9	1578714	CHR9:1578714	SSF x LoA	-9,62421458	-0,148	0,295
CHR9	15792971	CHR9:15792971	SSF x LoA	-11,3587769	-0,015	0,301
CHR9	15797464	CHR9:15797464	SSF x LoA	-9,31665013	-0,085	0,310
CHR9	15797744	CHR9:15797744	SSF x LoA	-8,69737667	0,081	0,313
CHR9	15810010	CHR9:15810010	SSF x LoA	-8,8413991	0,111	0,306
CHR9	15812484	CHR9:15812484	SSF x LoA	-11,7501131	0,002	0,299
CHR9	15829865	CHR9:15829865	SSF x LoA	-10,9131932	-0,088	0,292
CHR9	15906895	CHR9:15906895	SSF x LoA	-10,5911011	0,008	0,300
CHR9	15936424	CHR9:15936424	SSF x LoA	-10,3376302	0,072	0,317
CHR9	15938510	CHR9:15938510	SSF x LoA	-6,14206476	-0,114	0,319
CHR9	15938533	CHR9:15938533	SSF x LoA	-9,31423246	-0,113	0,311
CHR9	15938556	CHR9:15938556	SSF x LoA	-8,18960115	-0,116	0,310
CHR9	15938559	CHR9:15938559	SSF x LoA	-9,42311108	-0,109	0,308
CHR9	15938572	CHR9:15938572	SSF x LoA	-9,4302317	-0,104	0,299
CHR9	15938580	CHR9:15938580	SSF x LoA	-8,61997985	-0,115	0,309
CHR9	15938585	CHR9:15938585	SSF x LoA	-9,5402385	-0,119	0,298
CHR9	15938632	CHR9:15938632	SSF x LoA	-10,4407432	-0,132	0,289
CHR9	1595727	CHR9:1595727	SSF x LoA	-7,26197423	-0,067	0,314
CHR9	15982775	CHR9:15982775	SSF x LoA	-11,2877709	0,033	0,297
CHR9	15982776	CHR9:15982776	SSF x LoA	-9,91022946	-0,002	0,315
CHR9	15982832	CHR9:15982832	SSF x LoA	-9,77665469	0,000	0,308
CHR9	15982857	CHR9:15982857	SSF x LoA	-10,3177312	0,005	0,303
CHR9	16004563	CHR9:16004563	SSF x LoA	-7,10153394	-0,026	0,320
CHR9	16004584	CHR9:16004584	SSF x LoA	-7,78552531	0,016	0,325
CHR9	16014739	CHR9:16014739	SSF x LoA	-10,6587035	0,010	0,308
CHR9	16031254	CHR9:16031254	SSF x LoA	-10,6999248	0,107	0,302
CHR9	1603354	CHR9:1603354	SSF x LoA	-5,95860999	-0,033	0,315
CHR9	1603381	CHR9:1603381	SSF x LoA	-11,5247548	0,003	0,301
CHR9	1603410	CHR9:1603410	SSF x LoA	-11,0247897	0,114	0,308
CHR9	16060696	CHR9:16060696	SSF x LoA	-8,55818196	0,030	0,327
CHR9	16060767	CHR9:16060767	SSF x LoA	-7,4789026	-0,091	0,303
CHR9	16060769	CHR9:16060769	SSF x LoA	-7,10866803	-0,102	0,311
CHR9	16060911	CHR9:16060911	SSF x LoA	-7,80487252	0,108	0,307
CHR9	1608073	CHR9:1608073	SSF x LoA	-9,53236105	0,060	0,310
CHR9	16084903	CHR9:16084903	SSF x LoA	-8,39033269	0,096	0,313
CHR9	16084935	CHR9:16084935	SSF x LoA	-7,6711525	0,089	0,312
CHR9	16084982	CHR9:16084982	SSF x LoA	-8,36593513	0,117	0,305
CHR9	1609894	CHR9:1609894	SSF x LoA	-9,13451178	0,014	0,309
CHR9	1609899	CHR9:1609899	SSF x LoA	-9,57725115	0,003	0,299
CHR9	1610051	CHR9:1610051	SSF x LoA	-9,59037933	-0,087	0,313
CHR9	1610053	CHR9:1610053	SSF x LoA	-10,1085216	-0,052	0,303
CHR9	16107742	CHR9:16107742	SSF x LoA	-10,4137125	-0,021	0,306

CHR9	16108157	CHR9:16108157	SSF x LoA	-10,4725736	-0,027	0,302
CHR9	16125252	CHR9:16125252	SSF x LoA	-8,23451045	0,077	0,313
CHR9	16125380	CHR9:16125380	SSF x LoA	-7,37422104	0,095	0,298
CHR9	16127657	CHR9:16127657	SSF x LoA	-8,76224868	0,052	0,316
CHR9	16152275	CHR9:16152275	SSF x LoA	-8,84854996	0,081	0,316
CHR9	1615554	CHR9:1615554	SSF x LoA	-8,36452625	-0,104	0,302
CHR9	1615555	CHR9:1615555	SSF x LoA	-12,3372727	-0,012	0,290
CHR9	1615601	CHR9:1615601	SSF x LoA	-9,47672748	0,060	0,303
CHR9	16174896	CHR9:16174896	SSF x LoA	-10,3776744	-0,027	0,306
CHR9	16174916	CHR9:16174916	SSF x LoA	-10,2873861	-0,047	0,305
CHR9	16174928	CHR9:16174928	SSF x LoA	-3,96195159	0,105	0,319
CHR9	16174967	CHR9:16174967	SSF x LoA	-8,41715976	0,122	0,320
CHR9	16174993	CHR9:16174993	SSF x LoA	-5,53965269	0,114	0,308
CHR9	16175015	CHR9:16175015	SSF x LoA	-9,70154078	0,003	0,311
CHR9	16175126	CHR9:16175126	SSF x LoA	-7,51458182	0,035	0,303
CHR9	16186804	CHR9:16186804	SSF x LoA	-8,86971316	0,090	0,298
CHR9	16186953	CHR9:16186953	SSF x LoA	-10,742226	-0,017	0,312
CHR9	16196861	CHR9:16196861	SSF x LoA	-8,60795305	0,083	0,309
CHR9	16197021	CHR9:16197021	SSF x LoA	-7,74577408	0,162	0,306
CHR9	16197062	CHR9:16197062	SSF x LoA	-1,43200509	0,269	0,290
CHR9	16197103	CHR9:16197103	SSF x LoA	-7,39991196	0,206	0,301
CHR9	16207218	CHR9:16207218	SSF x LoA	-6,37796657	-0,100	0,317
CHR9	16207622	CHR9:16207622	SSF x LoA	-7,87776679	-0,089	0,318
CHR9	16210231	CHR9:16210231	SSF x LoA	-9,42936924	0,133	0,310
CHR9	16210477	CHR9:16210477	SSF x LoA	-9,73112691	-0,091	0,314
CHR9	1622807	CHR9:1622807	SSF x LoA	-9,75151362	-0,159	0,290
CHR9	1622832	CHR9:1622832	SSF x LoA	-7,6363524	-0,097	0,295
CHR9	1623844	CHR9:1623844	SSF x LoA	-10,9833622	0,025	0,302
CHR9	1625319	CHR9:1625319	SSF x LoA	-9,53722816	-0,023	0,314
CHR9	16283629	CHR9:16283629	SSF x LoA	-8,82141106	-0,055	0,316
CHR9	16288056	CHR9:16288056	SSF x LoA	-8,75184388	0,031	0,304
CHR9	16288230	CHR9:16288230	SSF x LoA	-9,36819273	0,014	0,295
CHR9	16288233	CHR9:16288233	SSF x LoA	-9,07430998	0,025	0,322
CHR9	16288307	CHR9:16288307	SSF x LoA	-11,1084328	0,005	0,299
CHR9	16294539	CHR9:16294539	SSF x LoA	-11,4105813	-0,133	0,304
CHR9	16294641	CHR9:16294641	SSF x LoA	-8,55258448	-0,005	0,309
CHR9	16303065	CHR9:16303065	SSF x LoA	-9,00508479	0,002	0,307
CHR9	16305634	CHR9:16305634	SSF x LoA	-8,57777885	-0,010	0,321
CHR9	1631421	CHR9:1631421	SSF x LoA	-9,27642679	0,024	0,304
CHR9	1631471	CHR9:1631471	SSF x LoA	-0,63164634	-0,109	0,314
CHR9	1631615	CHR9:1631615	SSF x LoA	-10,4075985	-0,023	0,304
CHR9	1631622	CHR9:1631622	SSF x LoA	-6,27738842	0,152	0,293
CHR9	1631649	CHR9:1631649	SSF x LoA	-9,28092944	-0,098	0,307
CHR9	16324259	CHR9:16324259	SSF x LoA	-9,48195959	0,006	0,314
CHR9	16327981	CHR9:16327981	SSF x LoA	-9,20587948	0,013	0,304
CHR9	16328002	CHR9:16328002	SSF x LoA	-7,98812081	-0,006	0,315
CHR9	16355069	CHR9:16355069	SSF x LoA	-10,0720066	0,030	0,311
CHR9	16355079	CHR9:16355079	SSF x LoA	-7,38571007	0,023	0,317
CHR9	16355085	CHR9:16355085	SSF x LoA	-9,67826607	0,054	0,306
CHR9	16355119	CHR9:16355119	SSF x LoA	-7,29362514	0,006	0,304
CHR9	16357822	CHR9:16357822	SSF x LoA	-4,46163072	-0,032	0,309
CHR9	16389272	CHR9:16389272	SSF x LoA	-9,39660752	-0,029	0,296
CHR9	16389400	CHR9:16389400	SSF x LoA	-8,8270495	-0,024	0,309

CHR9	1641687	CHR9:1641687	SSF x LoA	-2,42675096	0,084	0,304
CHR9	1641719	CHR9:1641719	SSF x LoA	-9,97254756	0,092	0,303
CHR9	1641725	CHR9:1641725	SSF x LoA	-6,96059696	0,097	0,316
CHR9	1641729	CHR9:1641729	SSF x LoA	-8,71753713	0,022	0,299
CHR9	1641733	CHR9:1641733	SSF x LoA	-10,0134443	-0,037	0,300
CHR9	1641832	CHR9:1641832	SSF x LoA	-8,79030539	0,074	0,311
CHR9	1641849	CHR9:1641849	SSF x LoA	-9,26693299	0,018	0,304
CHR9	1641853	CHR9:1641853	SSF x LoA	-9,52910176	-0,020	0,297
CHR9	1641868	CHR9:1641868	SSF x LoA	-7,07417391	0,038	0,311
CHR9	16455889	CHR9:16455889	SSF x LoA	-8,31885513	-0,067	0,304
CHR9	16471503	CHR9:16471503	SSF x LoA	-7,25294598	-0,075	0,306
CHR9	16471575	CHR9:16471575	SSF x LoA	-11,3509076	-0,047	0,304
CHR9	16471607	CHR9:16471607	SSF x LoA	-9,76147969	-0,049	0,309
CHR9	16471737	CHR9:16471737	SSF x LoA	-10,2347854	-0,033	0,319
CHR9	16481348	CHR9:16481348	SSF x LoA	-7,30857999	-0,163	0,306
CHR9	16489212	CHR9:16489212	SSF x LoA	-8,63692533	-0,018	0,325
CHR9	16489239	CHR9:16489239	SSF x LoA	-8,87990194	0,043	0,317
CHR9	16489267	CHR9:16489267	SSF x LoA	-9,0558994	0,016	0,312
CHR9	16489272	CHR9:16489272	SSF x LoA	-6,46239014	0,002	0,333
CHR9	16489274	CHR9:16489274	SSF x LoA	-8,84744112	0,023	0,307
CHR9	16489352	CHR9:16489352	SSF x LoA	-8,70582377	0,033	0,313
CHR9	16489428	CHR9:16489428	SSF x LoA	-9,44689254	0,033	0,308
CHR9	16493365	CHR9:16493365	SSF x LoA	-9,10167022	-0,141	0,303
CHR9	16494555	CHR9:16494555	SSF x LoA	-5,18530851	-0,001	0,321
CHR9	16494614	CHR9:16494614	SSF x LoA	-6,31627676	0,022	0,320
CHR9	16494625	CHR9:16494625	SSF x LoA	-9,11408411	0,011	0,309
CHR9	16494633	CHR9:16494633	SSF x LoA	-6,38460587	0,000	0,318
CHR9	16494651	CHR9:16494651	SSF x LoA	-8,78615585	-0,005	0,314
CHR9	16494662	CHR9:16494662	SSF x LoA	-7,46442571	0,024	0,313
CHR9	16494664	CHR9:16494664	SSF x LoA	-8,78865562	0,014	0,316
CHR9	16494684	CHR9:16494684	SSF x LoA	-8,51588243	0,007	0,321
CHR9	16501318	CHR9:16501318	SSF x LoA	-3,63606072	-0,127	0,306
CHR9	16501402	CHR9:16501402	SSF x LoA	-9,56615336	-0,135	0,310
CHR9	1654732	CHR9:1654732	SSF x LoA	-11,179683	0,041	0,304
CHR9	1654822	CHR9:1654822	SSF x LoA	-9,61500488	-0,001	0,302
CHR9	1655029	CHR9:1655029	SSF x LoA	-9,36185503	0,071	0,299
CHR9	16551712	CHR9:16551712	SSF x LoA	-9,59516636	-0,007	0,318
CHR9	16554156	CHR9:16554156	SSF x LoA	-11,0207988	-0,083	0,308
CHR9	16569217	CHR9:16569217	SSF x LoA	-10,241988	0,017	0,318
CHR9	16575404	CHR9:16575404	SSF x LoA	-9,33577089	-0,109	0,301
CHR9	16598757	CHR9:16598757	SSF x LoA	-8,46182103	0,135	0,313
CHR9	16598877	CHR9:16598877	SSF x LoA	-9,82548707	0,062	0,299
CHR9	16598889	CHR9:16598889	SSF x LoA	-9,32530331	0,075	0,311
CHR9	16606929	CHR9:16606929	SSF x LoA	-9,92599335	0,065	0,308
CHR9	16607047	CHR9:16607047	SSF x LoA	-8,05719564	-0,002	0,306
CHR9	16607088	CHR9:16607088	SSF x LoA	-8,99883483	0,034	0,311
CHR9	16634732	CHR9:16634732	SSF x LoA	-10,100047	-0,012	0,302
CHR9	16634761	CHR9:16634761	SSF x LoA	-8,98727938	-0,051	0,308
CHR9	16634820	CHR9:16634820	SSF x LoA	-8,86774575	-0,060	0,323
CHR9	16643637	CHR9:16643637	SSF x LoA	-11,9044067	-0,041	0,300
CHR9	16643646	CHR9:16643646	SSF x LoA	-9,51201683	-0,010	0,306
CHR9	16643697	CHR9:16643697	SSF x LoA	-8,47653699	-0,003	0,301
CHR9	16643700	CHR9:16643700	SSF x LoA	-8,09992752	0,000	0,311

CHR9	16650456	CHR9:16650456	SSF x LoA	-10,4636572	0,117	0,294
CHR9	16650728	CHR9:16650728	SSF x LoA	-8,71475284	0,066	0,306
CHR9	16650819	CHR9:16650819	SSF x LoA	-7,02631292	0,100	0,286
CHR9	16669899	CHR9:16669899	SSF x LoA	-10,996086	-0,001	0,302
CHR9	16669903	CHR9:16669903	SSF x LoA	-10,2646466	-0,027	0,311
CHR9	16669922	CHR9:16669922	SSF x LoA	-8,69862269	0,022	0,313
CHR9	16669968	CHR9:16669968	SSF x LoA	-8,90559191	0,055	0,322
CHR9	16670018	CHR9:16670018	SSF x LoA	-7,84997974	-0,008	0,310
CHR9	16670034	CHR9:16670034	SSF x LoA	-7,83454998	0,039	0,320
CHR9	16670084	CHR9:16670084	SSF x LoA	-8,56954656	0,014	0,292
CHR9	16670113	CHR9:16670113	SSF x LoA	-11,4620888	-0,066	0,299
CHR9	16670125	CHR9:16670125	SSF x LoA	-11,4510427	-0,031	0,310
CHR9	16699610	CHR9:16699610	SSF x LoA	-8,99910419	-0,097	0,294
CHR9	16699612	CHR9:16699612	SSF x LoA	-9,89892645	0,026	0,304
CHR9	16699706	CHR9:16699706	SSF x LoA	-7,50423069	-0,036	0,307
CHR9	16700769	CHR9:16700769	SSF x LoA	-10,0661668	0,054	0,304
CHR9	16706564	CHR9:16706564	SSF x LoA	-7,80610495	-0,111	0,292
CHR9	16714075	CHR9:16714075	SSF x LoA	-8,68750265	0,060	0,296
CHR9	16714154	CHR9:16714154	SSF x LoA	-7,73873045	0,098	0,315
CHR9	16714248	CHR9:16714248	SSF x LoA	-9,04627178	0,006	0,298
CHR9	16715748	CHR9:16715748	SSF x LoA	-10,3180832	0,047	0,303
CHR9	16715751	CHR9:16715751	SSF x LoA	-7,15672278	0,009	0,300
CHR9	16728514	CHR9:16728514	SSF x LoA	-9,28158906	0,013	0,299
CHR9	16737538	CHR9:16737538	SSF x LoA	-9,74434228	0,147	0,313
CHR9	1675260	CHR9:1675260	SSF x LoA	-12,1908581	0,021	0,303
CHR9	1675426	CHR9:1675426	SSF x LoA	-9,45018419	-0,016	0,328
CHR9	1675458	CHR9:1675458	SSF x LoA	-6,5049081	0,060	0,305
CHR9	1675541	CHR9:1675541	SSF x LoA	-7,65220509	-0,015	0,311
CHR9	16761479	CHR9:16761479	SSF x LoA	-8,88352744	-0,005	0,317
CHR9	16761607	CHR9:16761607	SSF x LoA	-8,63336644	-0,055	0,315
CHR9	16761645	CHR9:16761645	SSF x LoA	-8,16483905	-0,062	0,302
CHR9	16761765	CHR9:16761765	SSF x LoA	-8,59759764	-0,094	0,316
CHR9	16784121	CHR9:16784121	SSF x LoA	-8,23962041	0,061	0,305
CHR9	16788292	CHR9:16788292	SSF x LoA	-8,10178026	-0,066	0,310
CHR9	16788361	CHR9:16788361	SSF x LoA	-5,41156368	0,026	0,304
CHR9	16788364	CHR9:16788364	SSF x LoA	-10,9936522	-0,011	0,322
CHR9	16788366	CHR9:16788366	SSF x LoA	-10,6252827	-0,007	0,314
CHR9	16788368	CHR9:16788368	SSF x LoA	-11,9304294	-0,001	0,309
CHR9	16788372	CHR9:16788372	SSF x LoA	-7,53325272	-0,054	0,306
CHR9	16788422	CHR9:16788422	SSF x LoA	-8,57387558	0,057	0,292
CHR9	16793109	CHR9:16793109	SSF x LoA	-9,97630573	-0,068	0,309
CHR9	16793120	CHR9:16793120	SSF x LoA	-9,93292447	-0,048	0,305
CHR9	16794428	CHR9:16794428	SSF x LoA	-10,5030593	0,014	0,311
CHR9	16794459	CHR9:16794459	SSF x LoA	-9,18507135	-0,036	0,307
CHR9	16796348	CHR9:16796348	SSF x LoA	-8,69468985	-0,018	0,320
CHR9	16804190	CHR9:16804190	SSF x LoA	-8,39512759	-0,066	0,312
CHR9	16804271	CHR9:16804271	SSF x LoA	-7,89367233	-0,059	0,312
CHR9	16804283	CHR9:16804283	SSF x LoA	-9,09821463	-0,048	0,319
CHR9	16804326	CHR9:16804326	SSF x LoA	-9,38000446	-0,031	0,305
CHR9	16809042	CHR9:16809042	SSF x LoA	-8,11270176	-0,062	0,310
CHR9	16820686	CHR9:16820686	SSF x LoA	-4,3772016	-0,004	0,310
CHR9	16830452	CHR9:16830452	SSF x LoA	-8,37817346	-0,013	0,308
CHR9	16830544	CHR9:16830544	SSF x LoA	-8,79369024	0,030	0,307

CHR9	16832412	CHR9:16832412	SSF x LoA	-8,0768271	0,039	0,306
CHR9	1683944	CHR9:1683944	SSF x LoA	-8,76344841	0,029	0,303
CHR9	1684023	CHR9:1684023	SSF x LoA	-9,94743182	0,010	0,302
CHR9	16841082	CHR9:16841082	SSF x LoA	-10,4450157	0,029	0,297
CHR9	16841084	CHR9:16841084	SSF x LoA	-10,8863828	0,024	0,307
CHR9	16841222	CHR9:16841222	SSF x LoA	-10,5988379	-0,023	0,309
CHR9	16841264	CHR9:16841264	SSF x LoA	-8,27428625	-0,067	0,314
CHR9	1684143	CHR9:1684143	SSF x LoA	-11,3992584	0,040	0,309
CHR9	16843965	CHR9:16843965	SSF x LoA	-10,6412469	-0,014	0,303
CHR9	16844420	CHR9:16844420	SSF x LoA	-9,72691547	0,004	0,302
CHR9	1687723	CHR9:1687723	SSF x LoA	-11,0512421	0,060	0,300
CHR9	1687756	CHR9:1687756	SSF x LoA	-8,53652656	0,002	0,311
CHR9	1687776	CHR9:1687776	SSF x LoA	-7,52252218	-0,014	0,319
CHR9	1687807	CHR9:1687807	SSF x LoA	-9,6917095	-0,115	0,311
CHR9	1687849	CHR9:1687849	SSF x LoA	-11,996526	0,017	0,303
CHR9	1688526	CHR9:1688526	SSF x LoA	-7,1294605	0,033	0,316
CHR9	1688595	CHR9:1688595	SSF x LoA	-11,1533364	-0,054	0,304
CHR9	16891968	CHR9:16891968	SSF x LoA	-10,2249839	-0,009	0,300
CHR9	16892154	CHR9:16892154	SSF x LoA	-6,19653713	-0,077	0,305
CHR9	16892190	CHR9:16892190	SSF x LoA	-10,5712312	-0,007	0,309
CHR9	16925533	CHR9:16925533	SSF x LoA	-8,33377643	0,006	0,313
CHR9	16932151	CHR9:16932151	SSF x LoA	-9,66456978	-0,004	0,305
CHR9	16956741	CHR9:16956741	SSF x LoA	-9,01196998	0,129	0,304
CHR9	16966176	CHR9:16966176	SSF x LoA	-6,72701175	0,107	0,312
CHR9	16980342	CHR9:16980342	SSF x LoA	-8,62120594	0,063	0,323
CHR9	17018199	CHR9:17018199	SSF x LoA	-6,75475464	-0,097	0,317
CHR9	17018218	CHR9:17018218	SSF x LoA	-11,5379785	0,007	0,291
CHR9	17032050	CHR9:17032050	SSF x LoA	-4,20596735	-0,065	0,313
CHR9	17032135	CHR9:17032135	SSF x LoA	-4,7071539	-0,048	0,319
CHR9	17043311	CHR9:17043311	SSF x LoA	-9,04365156	0,121	0,297
CHR9	17045342	CHR9:17045342	SSF x LoA	-9,15258721	-0,072	0,297
CHR9	17054589	CHR9:17054589	SSF x LoA	-6,53651566	-0,169	0,302
CHR9	17054609	CHR9:17054609	SSF x LoA	-3,87368475	-0,218	0,309
CHR9	17054822	CHR9:17054822	SSF x LoA	-10,6827612	-0,053	0,314
CHR9	17054919	CHR9:17054919	SSF x LoA	-9,63834678	-0,008	0,321
CHR9	17054953	CHR9:17054953	SSF x LoA	-9,98114895	-0,136	0,302
CHR9	1706014	CHR9:1706014	SSF x LoA	-10,7242963	0,050	0,316
CHR9	1706060	CHR9:1706060	SSF x LoA	-6,9794387	0,203	0,301
CHR9	17072733	CHR9:17072733	SSF x LoA	-10,9926658	-0,022	0,305
CHR9	17072735	CHR9:17072735	SSF x LoA	-10,8634656	0,011	0,299
CHR9	17075266	CHR9:17075266	SSF x LoA	-6,7744039	0,114	0,308
CHR9	17075274	CHR9:17075274	SSF x LoA	-8,79998059	0,075	0,310
CHR9	17075278	CHR9:17075278	SSF x LoA	-7,46610258	0,120	0,303
CHR9	17075346	CHR9:17075346	SSF x LoA	-9,32190068	0,112	0,309
CHR9	17075423	CHR9:17075423	SSF x LoA	-10,6158703	0,011	0,322
CHR9	17075433	CHR9:17075433	SSF x LoA	-10,5327538	0,050	0,308
CHR9	17075473	CHR9:17075473	SSF x LoA	-10,8662923	-0,052	0,315
CHR9	17080219	CHR9:17080219	SSF x LoA	-10,6132384	-0,058	0,307
CHR9	17087219	CHR9:17087219	SSF x LoA	-9,40427847	-0,027	0,299
CHR9	17087237	CHR9:17087237	SSF x LoA	-7,93254505	0,041	0,306
CHR9	17087277	CHR9:17087277	SSF x LoA	-8,28841338	0,034	0,299
CHR9	17087281	CHR9:17087281	SSF x LoA	-9,45869748	0,029	0,309
CHR9	17087291	CHR9:17087291	SSF x LoA	-9,27410662	0,015	0,319

CHR9	1708795	CHR9:1708795	SSF x LoA	-11,6370755	0,063	0,312
CHR9	17087983	CHR9:17087983	SSF x LoA	-10,7687794	-0,091	0,300
CHR9	17095054	CHR9:17095054	SSF x LoA	-7,40026075	-0,091	0,292
CHR9	17095064	CHR9:17095064	SSF x LoA	-11,0970167	-0,073	0,290
CHR9	17095085	CHR9:17095085	SSF x LoA	-7,03783834	-0,047	0,311
CHR9	17095086	CHR9:17095086	SSF x LoA	-7,81148645	0,101	0,315
CHR9	17095090	CHR9:17095090	SSF x LoA	-9,70738294	-0,052	0,299
CHR9	17095104	CHR9:17095104	SSF x LoA	-4,79348369	-0,044	0,315
CHR9	17095130	CHR9:17095130	SSF x LoA	-8,28755266	0,093	0,316
CHR9	17095142	CHR9:17095142	SSF x LoA	-8,10937636	-0,057	0,297
CHR9	17095153	CHR9:17095153	SSF x LoA	-8,00117663	-0,040	0,299
CHR9	17095158	CHR9:17095158	SSF x LoA	-9,8300006	-0,047	0,288
CHR9	17095169	CHR9:17095169	SSF x LoA	-8,59516088	-0,037	0,305
CHR9	17122725	CHR9:17122725	SSF x LoA	-8,88803817	-0,040	0,301
CHR9	17122731	CHR9:17122731	SSF x LoA	-7,58657158	-0,034	0,310
CHR9	17131669	CHR9:17131669	SSF x LoA	-7,5191179	0,092	0,318
CHR9	17131697	CHR9:17131697	SSF x LoA	-10,6373297	0,027	0,307
CHR9	17131728	CHR9:17131728	SSF x LoA	-8,74905164	0,148	0,310
CHR9	17131778	CHR9:17131778	SSF x LoA	-6,45978395	-0,057	0,319
CHR9	17131790	CHR9:17131790	SSF x LoA	-10,6854577	-0,046	0,300
CHR9	17131804	CHR9:17131804	SSF x LoA	-9,38963859	-0,006	0,303
CHR9	17131823	CHR9:17131823	SSF x LoA	-10,0037769	0,016	0,307
CHR9	17131883	CHR9:17131883	SSF x LoA	-7,03623137	0,093	0,317
CHR9	1713494	CHR9:1713494	SSF x LoA	-9,17590102	-0,061	0,304
CHR9	1713590	CHR9:1713590	SSF x LoA	-11,2021066	-0,059	0,305
CHR9	17137083	CHR9:17137083	SSF x LoA	-7,31531226	-0,133	0,305
CHR9	17137086	CHR9:17137086	SSF x LoA	-8,04390688	-0,095	0,304
CHR9	17146307	CHR9:17146307	SSF x LoA	-10,2323689	0,060	0,304
CHR9	17146369	CHR9:17146369	SSF x LoA	-8,90583081	-0,037	0,312
CHR9	17146381	CHR9:17146381	SSF x LoA	-8,05063731	-0,053	0,300
CHR9	17146402	CHR9:17146402	SSF x LoA	-11,3850403	0,008	0,305
CHR9	17146413	CHR9:17146413	SSF x LoA	-8,38192736	-0,032	0,313
CHR9	17146422	CHR9:17146422	SSF x LoA	-9,42079177	-0,042	0,307
CHR9	17150352	CHR9:17150352	SSF x LoA	-7,4030602	0,013	0,306
CHR9	17156322	CHR9:17156322	SSF x LoA	-10,1133795	0,031	0,312
CHR9	17156382	CHR9:17156382	SSF x LoA	-8,6207305	0,057	0,309
CHR9	17156409	CHR9:17156409	SSF x LoA	-9,30168737	0,019	0,311
CHR9	17156428	CHR9:17156428	SSF x LoA	-8,33853277	0,037	0,306
CHR9	17164090	CHR9:17164090	SSF x LoA	-9,29660042	0,018	0,308
CHR9	17164131	CHR9:17164131	SSF x LoA	-9,8229628	-0,027	0,315
CHR9	17164135	CHR9:17164135	SSF x LoA	-7,5885103	-0,107	0,307
CHR9	17164146	CHR9:17164146	SSF x LoA	-7,72431066	-0,017	0,309
CHR9	17165227	CHR9:17165227	SSF x LoA	-7,12416948	0,109	0,308
CHR9	17166419	CHR9:17166419	SSF x LoA	-10,245567	0,022	0,302
CHR9	17166513	CHR9:17166513	SSF x LoA	-11,8142157	-0,047	0,298
CHR9	17166623	CHR9:17166623	SSF x LoA	-8,24954005	0,032	0,305
CHR9	17166656	CHR9:17166656	SSF x LoA	-11,688432	-0,054	0,309
CHR9	17170092	CHR9:17170092	SSF x LoA	-9,22203409	-0,053	0,305
CHR9	17170096	CHR9:17170096	SSF x LoA	-10,3387431	0,011	0,310
CHR9	17170100	CHR9:17170100	SSF x LoA	-9,51907866	0,001	0,296
CHR9	17170104	CHR9:17170104	SSF x LoA	-9,11692024	0,058	0,319
CHR9	17173636	CHR9:17173636	SSF x LoA	-10,3503708	-0,014	0,315
CHR9	17173641	CHR9:17173641	SSF x LoA	-11,4397104	-0,104	0,289

CHR9	17173642	CHR9:17173642	SSF x LoA	-8,32629431	-0,042	0,307
CHR9	17173669	CHR9:17173669	SSF x LoA	-7,75465329	0,047	0,313
CHR9	17173682	CHR9:17173682	SSF x LoA	-7,57948302	-0,027	0,297
CHR9	17173684	CHR9:17173684	SSF x LoA	-9,54851223	-0,031	0,290
CHR9	17180022	CHR9:17180022	SSF x LoA	-9,83662122	-0,005	0,322
CHR9	17190075	CHR9:17190075	SSF x LoA	-9,26620481	0,027	0,313
CHR9	17190091	CHR9:17190091	SSF x LoA	-11,6937619	-0,101	0,301
CHR9	17214407	CHR9:17214407	SSF x LoA	-9,01252503	-0,084	0,308
CHR9	17214711	CHR9:17214711	SSF x LoA	-6,67838299	0,184	0,290
CHR9	17214729	CHR9:17214729	SSF x LoA	-6,52969981	-0,130	0,306
CHR9	17214733	CHR9:17214733	SSF x LoA	-8,59984634	0,079	0,304
CHR9	17218618	CHR9:17218618	SSF x LoA	-9,58807258	0,028	0,304
CHR9	17218642	CHR9:17218642	SSF x LoA	-5,29797502	0,117	0,301
CHR9	17218643	CHR9:17218643	SSF x LoA	-9,50249791	-0,038	0,312
CHR9	17218656	CHR9:17218656	SSF x LoA	-9,78034266	0,101	0,290
CHR9	17218664	CHR9:17218664	SSF x LoA	-8,66255361	-0,054	0,307
CHR9	17218681	CHR9:17218681	SSF x LoA	-10,4784478	-0,001	0,289
CHR9	17218708	CHR9:17218708	SSF x LoA	-8,21298979	0,072	0,305
CHR9	17230172	CHR9:17230172	SSF x LoA	0,29808167	-0,087	0,297
CHR9	17230182	CHR9:17230182	SSF x LoA	-8,85571994	0,170	0,299
CHR9	17234170	CHR9:17234170	SSF x LoA	-8,56489545	-0,018	0,316
CHR9	17234177	CHR9:17234177	SSF x LoA	-7,43455596	0,038	0,311
CHR9	17238454	CHR9:17238454	SSF x LoA	-10,0712278	0,126	0,289
CHR9	17238458	CHR9:17238458	SSF x LoA	-9,95293661	-0,038	0,314
CHR9	17238460	CHR9:17238460	SSF x LoA	-9,90655326	-0,064	0,310
CHR9	1727797	CHR9:1727797	SSF x LoA	-11,5422588	-0,032	0,300
CHR9	17287501	CHR9:17287501	SSF x LoA	-11,5504251	0,052	0,302
CHR9	17287600	CHR9:17287600	SSF x LoA	-8,59404864	-0,057	0,301
CHR9	17287615	CHR9:17287615	SSF x LoA	-7,45407448	-0,126	0,301
CHR9	17287625	CHR9:17287625	SSF x LoA	-9,99394203	0,007	0,297
CHR9	17287628	CHR9:17287628	SSF x LoA	-7,95902758	0,031	0,308
CHR9	17287632	CHR9:17287632	SSF x LoA	-8,91244966	0,026	0,309
CHR9	17287657	CHR9:17287657	SSF x LoA	-10,355735	-0,021	0,311
CHR9	17287660	CHR9:17287660	SSF x LoA	-8,51957301	-0,039	0,304
CHR9	17287703	CHR9:17287703	SSF x LoA	-9,86767537	-0,002	0,309
CHR9	17287716	CHR9:17287716	SSF x LoA	-9,1304531	-0,034	0,312
CHR9	17287734	CHR9:17287734	SSF x LoA	-0,87274564	0,101	0,305
CHR9	17287736	CHR9:17287736	SSF x LoA	-10,0145099	-0,045	0,311
CHR9	1729586	CHR9:1729586	SSF x LoA	-8,46544915	0,104	0,313
CHR9	17307961	CHR9:17307961	SSF x LoA	-11,0175786	-0,061	0,299
CHR9	17311698	CHR9:17311698	SSF x LoA	-9,39686635	0,025	0,306
CHR9	17311812	CHR9:17311812	SSF x LoA	-7,50803241	0,093	0,314
CHR9	17323512	CHR9:17323512	SSF x LoA	-11,4355481	0,011	0,310
CHR9	17328460	CHR9:17328460	SSF x LoA	-9,7065005	0,087	0,304
CHR9	17328481	CHR9:17328481	SSF x LoA	-10,7559503	0,017	0,303
CHR9	17328524	CHR9:17328524	SSF x LoA	-8,32808208	-0,084	0,322
CHR9	1733563	CHR9:1733563	SSF x LoA	-7,65691474	-0,019	0,308
CHR9	1733598	CHR9:1733598	SSF x LoA	-11,5120528	0,026	0,311
CHR9	17340369	CHR9:17340369	SSF x LoA	-9,04862447	0,000	0,309
CHR9	17340411	CHR9:17340411	SSF x LoA	-8,55559234	-0,130	0,301
CHR9	17358634	CHR9:17358634	SSF x LoA	-6,89537226	-0,128	0,306
CHR9	17358732	CHR9:17358732	SSF x LoA	-10,2079575	0,125	0,303
CHR9	17360513	CHR9:17360513	SSF x LoA	-7,81164082	-0,006	0,309

CHR9	17360515	CHR9:17360515	SSF x LoA	-11,531056	0,026	0,301
CHR9	17360529	CHR9:17360529	SSF x LoA	-10,1481095	0,017	0,316
CHR9	1736299	CHR9:1736299	SSF x LoA	-10,2233654	0,114	0,308
CHR9	17369496	CHR9:17369496	SSF x LoA	-7,1570892	0,040	0,318
CHR9	17369499	CHR9:17369499	SSF x LoA	-7,09949439	0,074	0,303
CHR9	17369529	CHR9:17369529	SSF x LoA	-6,28802997	-0,108	0,304
CHR9	17369540	CHR9:17369540	SSF x LoA	-8,44554314	0,144	0,302
CHR9	17369555	CHR9:17369555	SSF x LoA	-3,12080642	-0,080	0,305
CHR9	17369559	CHR9:17369559	SSF x LoA	-8,13220763	-0,118	0,305
CHR9	17369601	CHR9:17369601	SSF x LoA	-2,60151513	-0,162	0,302
CHR9	17369604	CHR9:17369604	SSF x LoA	-9,97087962	-0,025	0,319
CHR9	17388642	CHR9:17388642	SSF x LoA	-8,31032842	0,142	0,312
CHR9	17388673	CHR9:17388673	SSF x LoA	-8,61791101	0,076	0,307
CHR9	17388674	CHR9:17388674	SSF x LoA	-9,70111325	0,019	0,318
CHR9	17388744	CHR9:17388744	SSF x LoA	-4,2303486	0,025	0,313
CHR9	17395665	CHR9:17395665	SSF x LoA	-8,80096263	-0,029	0,314
CHR9	17395934	CHR9:17395934	SSF x LoA	-8,29120163	-0,013	0,310
CHR9	17406793	CHR9:17406793	SSF x LoA	-8,22985321	0,046	0,310
CHR9	17406812	CHR9:17406812	SSF x LoA	-9,85195627	0,057	0,326
CHR9	17406827	CHR9:17406827	SSF x LoA	-3,78305767	-0,188	0,289
CHR9	17406835	CHR9:17406835	SSF x LoA	1,57918659	-0,193	0,298
CHR9	17406836	CHR9:17406836	SSF x LoA	-4,63748627	-0,153	0,298
CHR9	17406895	CHR9:17406895	SSF x LoA	-9,4939575	0,024	0,303
CHR9	17406941	CHR9:17406941	SSF x LoA	-9,21887966	0,036	0,307
CHR9	17407035	CHR9:17407035	SSF x LoA	-9,32533366	-0,004	0,305
CHR9	17412199	CHR9:17412199	SSF x LoA	-10,462494	0,005	0,315
CHR9	17412221	CHR9:17412221	SSF x LoA	-7,90935887	-0,087	0,301
CHR9	17412257	CHR9:17412257	SSF x LoA	-8,95373702	-0,016	0,301
CHR9	17412262	CHR9:17412262	SSF x LoA	-7,62999155	0,123	0,307
CHR9	17412276	CHR9:17412276	SSF x LoA	-6,99850366	0,146	0,296
CHR9	17413366	CHR9:17413366	SSF x LoA	-8,01895026	-0,106	0,301
CHR9	17413410	CHR9:17413410	SSF x LoA	-7,94905643	-0,121	0,302
CHR9	17413432	CHR9:17413432	SSF x LoA	-0,27625297	-0,091	0,315
CHR9	17413450	CHR9:17413450	SSF x LoA	-7,86092759	-0,059	0,311
CHR9	17413616	CHR9:17413616	SSF x LoA	-8,3316205	-0,106	0,302
CHR9	17415842	CHR9:17415842	SSF x LoA	-8,6309487	0,086	0,310
CHR9	17415862	CHR9:17415862	SSF x LoA	-9,33234823	-0,004	0,310
CHR9	17415944	CHR9:17415944	SSF x LoA	-9,62029489	0,042	0,312
CHR9	17415947	CHR9:17415947	SSF x LoA	-9,25907165	0,081	0,307
CHR9	17415955	CHR9:17415955	SSF x LoA	-7,65945589	0,085	0,311
CHR9	17440249	CHR9:17440249	SSF x LoA	-7,17804162	0,137	0,304
CHR9	17440403	CHR9:17440403	SSF x LoA	-8,74957523	0,035	0,308
CHR9	17440444	CHR9:17440444	SSF x LoA	-7,58638905	0,105	0,295
CHR9	17440474	CHR9:17440474	SSF x LoA	-8,80327883	0,011	0,301
CHR9	17440475	CHR9:17440475	SSF x LoA	-7,33425903	-0,003	0,299
CHR9	17442861	CHR9:17442861	SSF x LoA	-9,06203371	0,116	0,291
CHR9	17442882	CHR9:17442882	SSF x LoA	-9,51108834	0,057	0,319
CHR9	17449546	CHR9:17449546	SSF x LoA	-7,98264644	0,035	0,321
CHR9	17449549	CHR9:17449549	SSF x LoA	-7,98974571	0,022	0,315
CHR9	17452369	CHR9:17452369	SSF x LoA	-9,00055051	-0,163	0,298
CHR9	17452392	CHR9:17452392	SSF x LoA	-8,21656637	0,087	0,293
CHR9	17452446	CHR9:17452446	SSF x LoA	-6,66241152	0,101	0,315
CHR9	1748336	CHR9:1748336	SSF x LoA	-11,3024925	0,039	0,315

CHR9	17487144	CHR9:17487144	SSF x LoA	-10,1787055	-0,044	0,323
CHR9	17487164	CHR9:17487164	SSF x LoA	-4,43588026	-0,029	0,305
CHR9	17490874	CHR9:17490874	SSF x LoA	-7,17787425	-0,135	0,310
CHR9	17490885	CHR9:17490885	SSF x LoA	-8,94638038	0,075	0,308
CHR9	17490930	CHR9:17490930	SSF x LoA	-10,1626108	0,032	0,313
CHR9	17498996	CHR9:17498996	SSF x LoA	-9,2512626	0,016	0,318
CHR9	17498997	CHR9:17498997	SSF x LoA	-7,26418573	0,093	0,323
CHR9	17499069	CHR9:17499069	SSF x LoA	-9,67457812	-0,071	0,307
CHR9	17500813	CHR9:17500813	SSF x LoA	-8,66663881	-0,028	0,307
CHR9	17500826	CHR9:17500826	SSF x LoA	-9,25039813	-0,052	0,309
CHR9	1750577	CHR9:1750577	SSF x LoA	-9,14124804	-0,110	0,291
CHR9	1750638	CHR9:1750638	SSF x LoA	-12,0455675	-0,083	0,295
CHR9	17508094	CHR9:17508094	SSF x LoA	-10,651016	0,088	0,299
CHR9	17508197	CHR9:17508197	SSF x LoA	-7,94174337	-0,102	0,312
CHR9	17508220	CHR9:17508220	SSF x LoA	-8,14519389	0,057	0,311
CHR9	17508254	CHR9:17508254	SSF x LoA	-6,8101082	-0,074	0,301
CHR9	17508285	CHR9:17508285	SSF x LoA	-6,65519769	0,088	0,300
CHR9	17508301	CHR9:17508301	SSF x LoA	-9,29733442	-0,079	0,312
CHR9	17508307	CHR9:17508307	SSF x LoA	-7,90981681	-0,064	0,309
CHR9	17515819	CHR9:17515819	SSF x LoA	-10,7124107	-0,011	0,291
CHR9	17515862	CHR9:17515862	SSF x LoA	-8,05721377	0,055	0,296
CHR9	17517468	CHR9:17517468	SSF x LoA	-5,17821932	-0,125	0,297
CHR9	17517486	CHR9:17517486	SSF x LoA	-6,8119458	-0,162	0,295
CHR9	17517503	CHR9:17517503	SSF x LoA	-6,82275693	-0,151	0,294
CHR9	17517545	CHR9:17517545	SSF x LoA	-9,44470904	-0,060	0,296
CHR9	17517558	CHR9:17517558	SSF x LoA	-8,03958093	0,092	0,305
CHR9	17517596	CHR9:17517596	SSF x LoA	-7,6653376	-0,048	0,303
CHR9	17517612	CHR9:17517612	SSF x LoA	-9,24103175	0,075	0,287
CHR9	17517623	CHR9:17517623	SSF x LoA	-8,12293439	0,000	0,305
CHR9	17517662	CHR9:17517662	SSF x LoA	-4,60086609	-0,216	0,284
CHR9	17521087	CHR9:17521087	SSF x LoA	-9,92254445	-0,074	0,295
CHR9	1753300	CHR9:1753300	SSF x LoA	-8,46041093	-0,052	0,311
CHR9	1753381	CHR9:1753381	SSF x LoA	-5,500507	0,007	0,285
CHR9	1753434	CHR9:1753434	SSF x LoA	-10,9202901	-0,036	0,323
CHR9	17539002	CHR9:17539002	SSF x LoA	-5,46840694	0,096	0,310
CHR9	17539044	CHR9:17539044	SSF x LoA	-11,0741088	-0,048	0,316
CHR9	17539078	CHR9:17539078	SSF x LoA	-8,78220147	0,050	0,305
CHR9	17548265	CHR9:17548265	SSF x LoA	-9,00346256	-0,060	0,315
CHR9	17548284	CHR9:17548284	SSF x LoA	-8,30240258	-0,028	0,321
CHR9	17548295	CHR9:17548295	SSF x LoA	-7,96819071	-0,137	0,296
CHR9	17548341	CHR9:17548341	SSF x LoA	-3,97529233	-0,103	0,296
CHR9	17548352	CHR9:17548352	SSF x LoA	0,31890616	-0,096	0,309
CHR9	17548353	CHR9:17548353	SSF x LoA	-8,56824645	-0,110	0,300
CHR9	17552486	CHR9:17552486	SSF x LoA	-8,78900604	-0,078	0,315
CHR9	17552539	CHR9:17552539	SSF x LoA	-11,2581263	-0,012	0,302
CHR9	17552541	CHR9:17552541	SSF x LoA	-9,46434875	0,025	0,313
CHR9	17561057	CHR9:17561057	SSF x LoA	-7,95328363	0,112	0,315
CHR9	17562734	CHR9:17562734	SSF x LoA	-2,71929436	-0,073	0,308
CHR9	17562803	CHR9:17562803	SSF x LoA	-6,14690678	-0,018	0,313
CHR9	17595618	CHR9:17595618	SSF x LoA	-9,65458917	-0,038	0,304
CHR9	17595643	CHR9:17595643	SSF x LoA	-10,1512697	-0,058	0,290
CHR9	17600659	CHR9:17600659	SSF x LoA	-8,88438142	-0,055	0,307
CHR9	17601106	CHR9:17601106	SSF x LoA	-8,37184042	-0,004	0,316

CHR9	17601126	CHR9:17601126	SSF x LoA	-11,310441	0,000	0,322
CHR9	17601164	CHR9:17601164	SSF x LoA	-9,21954887	0,090	0,299
CHR9	17601171	CHR9:17601171	SSF x LoA	-10,3423991	0,017	0,307
CHR9	17607478	CHR9:17607478	SSF x LoA	-4,97459527	-0,145	0,307
CHR9	17607638	CHR9:17607638	SSF x LoA	-11,1503773	-0,087	0,303
CHR9	17616755	CHR9:17616755	SSF x LoA	-6,69352018	-0,094	0,300
CHR9	17628508	CHR9:17628508	SSF x LoA	-6,29771943	0,182	0,301
CHR9	17628509	CHR9:17628509	SSF x LoA	-5,53635382	0,186	0,302
CHR9	17628610	CHR9:17628610	SSF x LoA	-9,85198836	-0,030	0,299
CHR9	17628662	CHR9:17628662	SSF x LoA	-10,241552	-0,053	0,316
CHR9	17633775	CHR9:17633775	SSF x LoA	-10,1708973	-0,054	0,300
CHR9	17633793	CHR9:17633793	SSF x LoA	-9,80694555	-0,042	0,298
CHR9	17633851	CHR9:17633851	SSF x LoA	-10,6992294	-0,057	0,300
CHR9	17633898	CHR9:17633898	SSF x LoA	-11,8751374	-0,023	0,301
CHR9	17633932	CHR9:17633932	SSF x LoA	-3,90881519	0,078	0,301
CHR9	17633980	CHR9:17633980	SSF x LoA	-10,1232997	0,001	0,315
CHR9	17633988	CHR9:17633988	SSF x LoA	-5,91018049	0,171	0,313
CHR9	17633993	CHR9:17633993	SSF x LoA	-5,62460991	0,174	0,298
CHR9	17633994	CHR9:17633994	SSF x LoA	-4,35577651	0,173	0,303
CHR9	17635841	CHR9:17635841	SSF x LoA	-6,80470891	0,078	0,308
CHR9	17635903	CHR9:17635903	SSF x LoA	-9,79051389	0,057	0,316
CHR9	17643906	CHR9:17643906	SSF x LoA	-8,99670572	0,037	0,305
CHR9	17643927	CHR9:17643927	SSF x LoA	-11,7113246	-0,039	0,313
CHR9	17643957	CHR9:17643957	SSF x LoA	-8,47060874	-0,060	0,309
CHR9	17643979	CHR9:17643979	SSF x LoA	-9,66234222	0,026	0,311
CHR9	17644013	CHR9:17644013	SSF x LoA	-9,0739526	-0,015	0,315
CHR9	17644107	CHR9:17644107	SSF x LoA	-10,9744852	0,033	0,313
CHR9	17651848	CHR9:17651848	SSF x LoA	-11,7877847	-0,033	0,296
CHR9	17651895	CHR9:17651895	SSF x LoA	-10,2278343	-0,054	0,319
CHR9	17651926	CHR9:17651926	SSF x LoA	-7,5970414	-0,013	0,296
CHR9	17651939	CHR9:17651939	SSF x LoA	-7,1941846	0,121	0,308
CHR9	17651996	CHR9:17651996	SSF x LoA	-6,53240155	0,067	0,320
CHR9	17660747	CHR9:17660747	SSF x LoA	-10,9813758	-0,108	0,304
CHR9	17660791	CHR9:17660791	SSF x LoA	-8,99676202	0,052	0,314
CHR9	17660798	CHR9:17660798	SSF x LoA	-9,07651641	0,000	0,304
CHR9	17660961	CHR9:17660961	SSF x LoA	-8,2736758	-0,157	0,313
CHR9	1766592	CHR9:1766592	SSF x LoA	-6,37718302	0,034	0,318
CHR9	1766741	CHR9:1766741	SSF x LoA	-10,5888228	0,010	0,305
CHR9	1766787	CHR9:1766787	SSF x LoA	-10,3338434	0,025	0,312
CHR9	1766884	CHR9:1766884	SSF x LoA	-6,4904262	0,135	0,302
CHR9	1766897	CHR9:1766897	SSF x LoA	-9,65068985	0,029	0,314
CHR9	17673742	CHR9:17673742	SSF x LoA	-9,33961009	-0,022	0,322
CHR9	17673809	CHR9:17673809	SSF x LoA	-8,85422852	0,013	0,306
CHR9	17673812	CHR9:17673812	SSF x LoA	-9,80061419	0,013	0,309
CHR9	17673853	CHR9:17673853	SSF x LoA	-11,1689382	-0,032	0,311
CHR9	17681562	CHR9:17681562	SSF x LoA	-8,70228667	-0,005	0,298
CHR9	17681584	CHR9:17681584	SSF x LoA	-6,04595581	-0,210	0,303
CHR9	17681688	CHR9:17681688	SSF x LoA	-8,96006936	-0,004	0,313
CHR9	17681765	CHR9:17681765	SSF x LoA	-8,17413785	0,120	0,313
CHR9	17685015	CHR9:17685015	SSF x LoA	-9,04936383	0,076	0,311
CHR9	17685023	CHR9:17685023	SSF x LoA	-9,68959507	0,046	0,293
CHR9	17685211	CHR9:17685211	SSF x LoA	-10,0072223	-0,030	0,302
CHR9	17687344	CHR9:17687344	SSF x LoA	-10,6178234	0,068	0,297

CHR9	17691176	CHR9:17691176	SSF x LoA	-10,22474	0,084	0,321
CHR9	17691191	CHR9:17691191	SSF x LoA	-7,93596868	0,129	0,312
CHR9	17691256	CHR9:17691256	SSF x LoA	-7,3042489	0,099	0,297
CHR9	17691314	CHR9:17691314	SSF x LoA	-7,83303624	-0,080	0,317
CHR9	17691366	CHR9:17691366	SSF x LoA	-8,92606939	-0,053	0,311
CHR9	17691375	CHR9:17691375	SSF x LoA	7,02324955	0,089	0,311
CHR9	17695313	CHR9:17695313	SSF x LoA	-10,3061244	0,063	0,310
CHR9	17695330	CHR9:17695330	SSF x LoA	-10,0371069	-0,014	0,322
CHR9	17695578	CHR9:17695578	SSF x LoA	-8,66787637	-0,063	0,299
CHR9	1769734	CHR9:1769734	SSF x LoA	-7,87731804	0,095	0,312
CHR9	1769745	CHR9:1769745	SSF x LoA	-9,38596479	0,006	0,305
CHR9	17701882	CHR9:17701882	SSF x LoA	-9,32115208	-0,050	0,314
CHR9	17701892	CHR9:17701892	SSF x LoA	-10,4659478	-0,076	0,308
CHR9	1770461	CHR9:1770461	SSF x LoA	-11,7785497	-0,046	0,318
CHR9	17736633	CHR9:17736633	SSF x LoA	-8,26300372	0,103	0,302
CHR9	17736689	CHR9:17736689	SSF x LoA	-9,00738396	-0,028	0,294
CHR9	17736750	CHR9:17736750	SSF x LoA	-10,3193622	-0,073	0,310
CHR9	17736756	CHR9:17736756	SSF x LoA	-7,7338354	0,093	0,298
CHR9	17736817	CHR9:17736817	SSF x LoA	-11,6311125	-0,015	0,296
CHR9	1773828	CHR9:1773828	SSF x LoA	-6,50025233	-0,035	0,302
CHR9	17745190	CHR9:17745190	SSF x LoA	-6,85962725	0,014	0,312
CHR9	17745192	CHR9:17745192	SSF x LoA	-9,25877941	0,035	0,305
CHR9	17745223	CHR9:17745223	SSF x LoA	-10,4142055	-0,061	0,310
CHR9	17745272	CHR9:17745272	SSF x LoA	1,43716042	-0,160	0,305
CHR9	17745456	CHR9:17745456	SSF x LoA	-9,88489051	0,012	0,313
CHR9	1774724	CHR9:1774724	SSF x LoA	-10,3019441	0,027	0,297
CHR9	17750944	CHR9:17750944	SSF x LoA	-8,73068618	0,006	0,306
CHR9	17750951	CHR9:17750951	SSF x LoA	-8,28943994	-0,114	0,300
CHR9	17750970	CHR9:17750970	SSF x LoA	-10,2803858	-0,043	0,305
CHR9	17751066	CHR9:17751066	SSF x LoA	-9,23495292	0,085	0,300
CHR9	17751084	CHR9:17751084	SSF x LoA	-9,87773936	0,028	0,305
CHR9	17751185	CHR9:17751185	SSF x LoA	-10,9883404	-0,084	0,319
CHR9	1775458	CHR9:1775458	SSF x LoA	-10,6876965	0,017	0,319
CHR9	17759239	CHR9:17759239	SSF x LoA	-7,79425632	-0,031	0,310
CHR9	17759257	CHR9:17759257	SSF x LoA	-10,1558318	0,070	0,300
CHR9	17760388	CHR9:17760388	SSF x LoA	-10,6551651	0,008	0,306
CHR9	17760496	CHR9:17760496	SSF x LoA	-9,1292022	-0,011	0,300
CHR9	17764521	CHR9:17764521	SSF x LoA	-9,48089397	0,105	0,312
CHR9	17764525	CHR9:17764525	SSF x LoA	-6,2854913	0,148	0,300
CHR9	17764531	CHR9:17764531	SSF x LoA	-7,72686119	0,158	0,305
CHR9	17764556	CHR9:17764556	SSF x LoA	-2,3486116	0,133	0,306
CHR9	17764581	CHR9:17764581	SSF x LoA	-9,50078712	0,135	0,309
CHR9	17764599	CHR9:17764599	SSF x LoA	-10,3636647	-0,029	0,308
CHR9	17769639	CHR9:17769639	SSF x LoA	-9,80795808	0,014	0,313
CHR9	17769879	CHR9:17769879	SSF x LoA	-10,8774828	-0,003	0,313
CHR9	17779940	CHR9:17779940	SSF x LoA	-6,72989435	-0,075	0,308
CHR9	17780198	CHR9:17780198	SSF x LoA	-7,19025829	0,130	0,289
CHR9	17784649	CHR9:17784649	SSF x LoA	-6,01858218	0,152	0,316
CHR9	17784650	CHR9:17784650	SSF x LoA	-6,81578211	0,130	0,313
CHR9	17784675	CHR9:17784675	SSF x LoA	-7,6747632	-0,122	0,300
CHR9	17784728	CHR9:17784728	SSF x LoA	-10,7653145	-0,002	0,313
CHR9	17784826	CHR9:17784826	SSF x LoA	-9,74557361	0,014	0,324
CHR9	17788430	CHR9:17788430	SSF x LoA	-8,65697088	0,059	0,313

CHR9	17791670	CHR9:17791670	SSF x LoA	-7,99587409	-0,026	0,306
CHR9	17793598	CHR9:17793598	SSF x LoA	-2,30168677	0,042	0,321
CHR9	17793614	CHR9:17793614	SSF x LoA	-9,10390403	-0,121	0,297
CHR9	17793622	CHR9:17793622	SSF x LoA	-6,23347072	0,166	0,297
CHR9	17793628	CHR9:17793628	SSF x LoA	-9,75010665	-0,051	0,319
CHR9	17793673	CHR9:17793673	SSF x LoA	-7,04937357	-0,119	0,313
CHR9	17793708	CHR9:17793708	SSF x LoA	-9,91999425	-0,071	0,309
CHR9	17793724	CHR9:17793724	SSF x LoA	-9,30675496	-0,012	0,297
CHR9	17794839	CHR9:17794839	SSF x LoA	-9,12961814	-0,086	0,309
CHR9	17814426	CHR9:17814426	SSF x LoA	-10,2152936	0,026	0,289
CHR9	17814489	CHR9:17814489	SSF x LoA	-10,4579696	-0,066	0,292
CHR9	17814668	CHR9:17814668	SSF x LoA	-8,91191557	-0,098	0,295
CHR9	17825113	CHR9:17825113	SSF x LoA	-8,03489706	-0,010	0,300
CHR9	17825124	CHR9:17825124	SSF x LoA	-9,60689108	0,024	0,320
CHR9	17825136	CHR9:17825136	SSF x LoA	-9,98471467	0,057	0,300
CHR9	17825169	CHR9:17825169	SSF x LoA	-6,47533959	0,133	0,292
CHR9	17826372	CHR9:17826372	SSF x LoA	-10,3479558	-0,069	0,315
CHR9	17826520	CHR9:17826520	SSF x LoA	-9,88116683	-0,126	0,300
CHR9	17826564	CHR9:17826564	SSF x LoA	-10,0594033	0,005	0,302
CHR9	17826589	CHR9:17826589	SSF x LoA	-9,46642456	-0,103	0,303
CHR9	17846343	CHR9:17846343	SSF x LoA	-8,75087019	0,134	0,291
CHR9	17851156	CHR9:17851156	SSF x LoA	-3,19572577	0,270	0,287
CHR9	17851159	CHR9:17851159	SSF x LoA	-3,70745076	0,193	0,292
CHR9	17851172	CHR9:17851172	SSF x LoA	-8,90271111	-0,053	0,307
CHR9	17857142	CHR9:17857142	SSF x LoA	-11,0966522	0,069	0,295
CHR9	17859618	CHR9:17859618	SSF x LoA	-6,94810269	-0,123	0,310
CHR9	17859643	CHR9:17859643	SSF x LoA	-9,63395094	0,011	0,301
CHR9	17859687	CHR9:17859687	SSF x LoA	-9,13326014	-0,067	0,300
CHR9	17859716	CHR9:17859716	SSF x LoA	-7,44403834	-0,104	0,320
CHR9	1785993	CHR9:1785993	SSF x LoA	-8,34213215	-0,088	0,308
CHR9	17860548	CHR9:17860548	SSF x LoA	-10,530802	0,033	0,321
CHR9	17860592	CHR9:17860592	SSF x LoA	-9,88868522	-0,080	0,305
CHR9	17860620	CHR9:17860620	SSF x LoA	-9,48125665	-0,059	0,304
CHR9	17860625	CHR9:17860625	SSF x LoA	-9,63877066	-0,087	0,305
CHR9	17860656	CHR9:17860656	SSF x LoA	-10,9885614	-0,099	0,293
CHR9	1786123	CHR9:1786123	SSF x LoA	-10,649403	-0,058	0,310
CHR9	1786170	CHR9:1786170	SSF x LoA	-8,82952807	0,073	0,303
CHR9	1786189	CHR9:1786189	SSF x LoA	-9,03957184	0,032	0,308
CHR9	1786258	CHR9:1786258	SSF x LoA	-6,97889969	0,092	0,311
CHR9	17864429	CHR9:17864429	SSF x LoA	-9,6295935	-0,041	0,298
CHR9	17864430	CHR9:17864430	SSF x LoA	-8,82160059	-0,047	0,300
CHR9	17866077	CHR9:17866077	SSF x LoA	-8,79424649	0,070	0,315
CHR9	17869675	CHR9:17869675	SSF x LoA	-10,7707028	0,079	0,305
CHR9	1787665	CHR9:1787665	SSF x LoA	-9,91112665	-0,002	0,289
CHR9	1787680	CHR9:1787680	SSF x LoA	-7,77336069	-0,031	0,297
CHR9	1787713	CHR9:1787713	SSF x LoA	-11,5298154	-0,012	0,291
CHR9	1787741	CHR9:1787741	SSF x LoA	-10,2509661	-0,056	0,308
CHR9	1787820	CHR9:1787820	SSF x LoA	-9,10943605	0,019	0,314
CHR9	1787822	CHR9:1787822	SSF x LoA	-9,49197272	-0,055	0,290
CHR9	1789369	CHR9:1789369	SSF x LoA	-8,63552992	-0,024	0,312
CHR9	1789490	CHR9:1789490	SSF x LoA	-9,21248259	-0,015	0,307
CHR9	1789526	CHR9:1789526	SSF x LoA	-10,3025147	0,099	0,305
CHR9	17895653	CHR9:17895653	SSF x LoA	-4,45352575	0,123	0,305

CHR9	17895822	CHR9:17895822	SSF x LoA	-9,80920041	-0,039	0,309
CHR9	17900412	CHR9:17900412	SSF x LoA	-8,59630311	0,020	0,309
CHR9	17904890	CHR9:17904890	SSF x LoA	-5,14342327	0,164	0,299
CHR9	17904891	CHR9:17904891	SSF x LoA	-8,16504305	0,178	0,301
CHR9	17904951	CHR9:17904951	SSF x LoA	-7,45341746	0,188	0,288
CHR9	17904981	CHR9:17904981	SSF x LoA	-9,63301609	0,044	0,304
CHR9	17905063	CHR9:17905063	SSF x LoA	-5,76752904	0,154	0,310
CHR9	17908786	CHR9:17908786	SSF x LoA	-9,16099299	0,114	0,303
CHR9	17908953	CHR9:17908953	SSF x LoA	-7,92896066	0,022	0,316
CHR9	17910396	CHR9:17910396	SSF x LoA	-5,72973169	0,100	0,315
CHR9	17910477	CHR9:17910477	SSF x LoA	-9,31140548	-0,010	0,301
CHR9	17925619	CHR9:17925619	SSF x LoA	-7,76467917	-0,122	0,304
CHR9	17929892	CHR9:17929892	SSF x LoA	-9,71833039	0,047	0,292
CHR9	17929894	CHR9:17929894	SSF x LoA	1,74094415	0,033	0,313
CHR9	17929946	CHR9:17929946	SSF x LoA	-5,20655672	-0,114	0,301
CHR9	17929973	CHR9:17929973	SSF x LoA	-11,2324739	0,006	0,307
CHR9	17936733	CHR9:17936733	SSF x LoA	-8,04612657	-0,137	0,298
CHR9	17936773	CHR9:17936773	SSF x LoA	-9,02566433	-0,091	0,295
CHR9	17948180	CHR9:17948180	SSF x LoA	-8,24418482	-0,115	0,321
CHR9	17948197	CHR9:17948197	SSF x LoA	-8,60719394	-0,136	0,319
CHR9	1795362	CHR9:1795362	SSF x LoA	-8,4003096	-0,046	0,303
CHR9	17954581	CHR9:17954581	SSF x LoA	-6,85711906	-0,134	0,301
CHR9	17955676	CHR9:17955676	SSF x LoA	-9,99199779	-0,008	0,315
CHR9	17964526	CHR9:17964526	SSF x LoA	-8,61007341	0,072	0,297
CHR9	17964590	CHR9:17964590	SSF x LoA	-7,96048649	0,078	0,313
CHR9	17964661	CHR9:17964661	SSF x LoA	-8,54990166	0,043	0,313
CHR9	17964721	CHR9:17964721	SSF x LoA	-8,79809909	0,002	0,312
CHR9	1796715	CHR9:1796715	SSF x LoA	-11,8693431	0,067	0,309
CHR9	1796728	CHR9:1796728	SSF x LoA	-8,31969148	0,106	0,307
CHR9	1796733	CHR9:1796733	SSF x LoA	-7,89157038	-0,033	0,318
CHR9	1796736	CHR9:1796736	SSF x LoA	-8,82690616	0,092	0,309
CHR9	1796739	CHR9:1796739	SSF x LoA	-9,01615521	0,123	0,300
CHR9	1798214	CHR9:1798214	SSF x LoA	-11,8546295	-0,028	0,309
CHR9	1798292	CHR9:1798292	SSF x LoA	-11,0789438	0,070	0,309
CHR9	17990245	CHR9:17990245	SSF x LoA	-8,46314731	0,122	0,304
CHR9	17990253	CHR9:17990253	SSF x LoA	-6,85304477	0,027	0,313
CHR9	17990349	CHR9:17990349	SSF x LoA	-9,60312442	0,015	0,298
CHR9	17991406	CHR9:17991406	SSF x LoA	-10,7647114	0,070	0,301
CHR9	17991444	CHR9:17991444	SSF x LoA	0,85109353	0,176	0,298
CHR9	18005684	CHR9:18005684	SSF x LoA	-5,91518401	0,031	0,321
CHR9	18009850	CHR9:18009850	SSF x LoA	-8,43624525	-0,143	0,295
CHR9	18009879	CHR9:18009879	SSF x LoA	-8,41512957	-0,114	0,328
CHR9	18021991	CHR9:18021991	SSF x LoA	-10,5367195	0,095	0,317
CHR9	18022013	CHR9:18022013	SSF x LoA	-7,03354211	0,117	0,311
CHR9	18022023	CHR9:18022023	SSF x LoA	-11,9489836	0,030	0,304
CHR9	18022028	CHR9:18022028	SSF x LoA	-10,8713603	0,078	0,304
CHR9	18022062	CHR9:18022062	SSF x LoA	-7,06058088	-0,153	0,298
CHR9	18022068	CHR9:18022068	SSF x LoA	-8,80560987	0,049	0,310
CHR9	18022156	CHR9:18022156	SSF x LoA	-8,62119878	0,069	0,288
CHR9	18022192	CHR9:18022192	SSF x LoA	-9,04843571	0,079	0,302
CHR9	18022208	CHR9:18022208	SSF x LoA	-9,43314418	0,043	0,299
CHR9	1802696	CHR9:1802696	SSF x LoA	-8,1422714	0,159	0,305
CHR9	1802700	CHR9:1802700	SSF x LoA	-2,62424256	0,146	0,303

CHR9	1802783	CHR9:1802783	SSF x LoA	-8,64723233	-0,030	0,306
CHR9	1802787	CHR9:1802787	SSF x LoA	-8,88410101	0,087	0,292
CHR9	1802818	CHR9:1802818	SSF x LoA	-10,3273909	-0,043	0,332
CHR9	18032749	CHR9:18032749	SSF x LoA	-8,70823018	0,047	0,325
CHR9	18032758	CHR9:18032758	SSF x LoA	-9,17654817	-0,020	0,299
CHR9	18036683	CHR9:18036683	SSF x LoA	-10,8220933	-0,017	0,300
CHR9	18036684	CHR9:18036684	SSF x LoA	-9,90656727	-0,008	0,314
CHR9	18036685	CHR9:18036685	SSF x LoA	-9,45559067	-0,012	0,315
CHR9	18036768	CHR9:18036768	SSF x LoA	-8,26831438	0,011	0,309
CHR9	18036843	CHR9:18036843	SSF x LoA	-9,86653957	-0,041	0,301
CHR9	18040820	CHR9:18040820	SSF x LoA	-9,75146305	-0,035	0,313
CHR9	1805036	CHR9:1805036	SSF x LoA	-9,30688479	0,037	0,304
CHR9	1805041	CHR9:1805041	SSF x LoA	-7,34114103	0,172	0,305
CHR9	1805073	CHR9:1805073	SSF x LoA	-9,31612845	0,107	0,301
CHR9	1805098	CHR9:1805098	SSF x LoA	-10,0058852	-0,109	0,310
CHR9	18054033	CHR9:18054033	SSF x LoA	-7,55977859	-0,022	0,290
CHR9	18054205	CHR9:18054205	SSF x LoA	-9,69778283	0,060	0,304
CHR9	18056539	CHR9:18056539	SSF x LoA	-10,199598	0,116	0,295
CHR9	18056544	CHR9:18056544	SSF x LoA	-6,17446108	0,033	0,322
CHR9	18060996	CHR9:18060996	SSF x LoA	-10,0525248	-0,134	0,296
CHR9	18061050	CHR9:18061050	SSF x LoA	-9,87805079	-0,041	0,307
CHR9	1806320	CHR9:1806320	SSF x LoA	-6,38047961	-0,032	0,314
CHR9	1806506	CHR9:1806506	SSF x LoA	-9,73288857	0,007	0,298
CHR9	18074528	CHR9:18074528	SSF x LoA	-10,7809928	-0,017	0,310
CHR9	18087272	CHR9:18087272	SSF x LoA	-8,69914755	-0,056	0,298
CHR9	18087307	CHR9:18087307	SSF x LoA	-5,18838171	-0,133	0,308
CHR9	18087310	CHR9:18087310	SSF x LoA	-5,55708738	-0,147	0,318
CHR9	18087332	CHR9:18087332	SSF x LoA	-8,28794107	-0,132	0,310
CHR9	18087339	CHR9:18087339	SSF x LoA	-7,37711618	0,100	0,303
CHR9	18087344	CHR9:18087344	SSF x LoA	-8,1401977	0,089	0,312
CHR9	18087348	CHR9:18087348	SSF x LoA	-10,2535235	-0,045	0,321
CHR9	18091016	CHR9:18091016	SSF x LoA	-9,69786624	0,022	0,307
CHR9	18091039	CHR9:18091039	SSF x LoA	-8,88510655	-0,012	0,302
CHR9	18091108	CHR9:18091108	SSF x LoA	-10,2377465	-0,098	0,300
CHR9	18091184	CHR9:18091184	SSF x LoA	-8,06454097	-0,088	0,311
CHR9	18100552	CHR9:18100552	SSF x LoA	-10,3109341	0,082	0,295
CHR9	18118103	CHR9:18118103	SSF x LoA	-7,85867854	0,047	0,314
CHR9	18118229	CHR9:18118229	SSF x LoA	-9,33464269	0,081	0,310
CHR9	1811898	CHR9:1811898	SSF x LoA	-9,50806052	0,112	0,302
CHR9	18122496	CHR9:18122496	SSF x LoA	-9,55165387	-0,061	0,302
CHR9	18122555	CHR9:18122555	SSF x LoA	-9,16892008	-0,083	0,287
CHR9	18126009	CHR9:18126009	SSF x LoA	-9,94006275	0,001	0,315
CHR9	18126064	CHR9:18126064	SSF x LoA	-10,1045577	-0,088	0,304
CHR9	18126094	CHR9:18126094	SSF x LoA	-7,32942927	-0,143	0,305
CHR9	18130738	CHR9:18130738	SSF x LoA	-11,2917512	0,018	0,298
CHR9	18130756	CHR9:18130756	SSF x LoA	-11,2022375	-0,021	0,303
CHR9	18130788	CHR9:18130788	SSF x LoA	-9,015116	0,163	0,301
CHR9	18145508	CHR9:18145508	SSF x LoA	-8,20852067	0,090	0,316
CHR9	1814572	CHR9:1814572	SSF x LoA	-10,2161536	-0,020	0,320
CHR9	18152436	CHR9:18152436	SSF x LoA	-9,63023383	0,157	0,293
CHR9	18152496	CHR9:18152496	SSF x LoA	-10,1516537	0,134	0,297
CHR9	18152589	CHR9:18152589	SSF x LoA	-9,43315674	0,062	0,303
CHR9	18160698	CHR9:18160698	SSF x LoA	-10,0106954	-0,138	0,292

CHR9	18160831	CHR9:18160831	SSF x LoA	-8,60419477	-0,098	0,330
CHR9	18164746	CHR9:18164746	SSF x LoA	-7,74508601	0,016	0,310
CHR9	18172584	CHR9:18172584	SSF x LoA	-8,9810601	-0,015	0,323
CHR9	18172586	CHR9:18172586	SSF x LoA	-9,64602267	-0,096	0,292
CHR9	18172641	CHR9:18172641	SSF x LoA	-8,9811557	-0,058	0,312
CHR9	18172673	CHR9:18172673	SSF x LoA	-8,98057034	0,053	0,320
CHR9	18172680	CHR9:18172680	SSF x LoA	-8,73007274	0,069	0,316
CHR9	18177724	CHR9:18177724	SSF x LoA	-7,0050013	-0,173	0,312
CHR9	18177725	CHR9:18177725	SSF x LoA	-6,56118058	-0,155	0,309
CHR9	18177745	CHR9:18177745	SSF x LoA	-8,3626295	-0,059	0,303
CHR9	18177746	CHR9:18177746	SSF x LoA	-9,32804499	-0,034	0,296
CHR9	18178593	CHR9:18178593	SSF x LoA	-7,66791618	0,045	0,306
CHR9	18184236	CHR9:18184236	SSF x LoA	-8,97699871	-0,041	0,311
CHR9	18184243	CHR9:18184243	SSF x LoA	-9,32137429	-0,041	0,320
CHR9	18184257	CHR9:18184257	SSF x LoA	-5,9401271	-0,131	0,291
CHR9	18184267	CHR9:18184267	SSF x LoA	-7,15147951	-0,116	0,293
CHR9	18195311	CHR9:18195311	SSF x LoA	-9,0254062	-0,091	0,296
CHR9	18195331	CHR9:18195331	SSF x LoA	-4,90392727	-0,058	0,317
CHR9	18195332	CHR9:18195332	SSF x LoA	-5,52882921	-0,122	0,309
CHR9	18195366	CHR9:18195366	SSF x LoA	-10,539085	-0,072	0,306
CHR9	18195379	CHR9:18195379	SSF x LoA	-8,86728661	-0,040	0,301
CHR9	18195385	CHR9:18195385	SSF x LoA	-9,04883018	-0,028	0,297
CHR9	18195387	CHR9:18195387	SSF x LoA	-6,09789092	0,045	0,305
CHR9	18200791	CHR9:18200791	SSF x LoA	-11,93951	-0,018	0,312
CHR9	18200818	CHR9:18200818	SSF x LoA	-11,3596825	-0,027	0,312
CHR9	18200866	CHR9:18200866	SSF x LoA	-6,81547018	0,116	0,292
CHR9	18204964	CHR9:18204964	SSF x LoA	-7,26378541	-0,058	0,314
CHR9	18204968	CHR9:18204968	SSF x LoA	-8,61461468	0,005	0,307
CHR9	18205033	CHR9:18205033	SSF x LoA	-9,29276403	0,017	0,310
CHR9	18205050	CHR9:18205050	SSF x LoA	-10,1690222	-0,051	0,309
CHR9	18209630	CHR9:18209630	SSF x LoA	-7,54743647	-0,107	0,318
CHR9	18225523	CHR9:18225523	SSF x LoA	-6,6978108	0,076	0,313
CHR9	18225529	CHR9:18225529	SSF x LoA	-9,02647148	0,006	0,309
CHR9	18225569	CHR9:18225569	SSF x LoA	-8,85929792	-0,008	0,309
CHR9	18225653	CHR9:18225653	SSF x LoA	-11,4921366	0,044	0,318
CHR9	18233598	CHR9:18233598	SSF x LoA	-6,28577787	-0,056	0,286
CHR9	18233731	CHR9:18233731	SSF x LoA	-11,6729494	-0,046	0,302
CHR9	18259570	CHR9:18259570	SSF x LoA	-9,97747809	0,097	0,289
CHR9	18259634	CHR9:18259634	SSF x LoA	-9,12886609	-0,046	0,305
CHR9	18259647	CHR9:18259647	SSF x LoA	-11,8359512	-0,073	0,303
CHR9	18259937	CHR9:18259937	SSF x LoA	-10,1814007	-0,014	0,311
CHR9	18264119	CHR9:18264119	SSF x LoA	-10,7853667	-0,036	0,312
CHR9	18264238	CHR9:18264238	SSF x LoA	-9,71271293	0,045	0,315
CHR9	18268799	CHR9:18268799	SSF x LoA	-7,46338382	-0,064	0,312
CHR9	18277619	CHR9:18277619	SSF x LoA	-8,3698827	-0,012	0,304
CHR9	18277762	CHR9:18277762	SSF x LoA	-6,64171219	0,102	0,304
CHR9	18277767	CHR9:18277767	SSF x LoA	-7,78281371	-0,033	0,303
CHR9	18277819	CHR9:18277819	SSF x LoA	-10,5594832	-0,102	0,294
CHR9	18282516	CHR9:18282516	SSF x LoA	-9,2526236	-0,102	0,297
CHR9	18284093	CHR9:18284093	SSF x LoA	-3,15308395	-0,045	0,308
CHR9	18288661	CHR9:18288661	SSF x LoA	-9,73105562	-0,065	0,312
CHR9	18288704	CHR9:18288704	SSF x LoA	-10,4911841	-0,039	0,306
CHR9	18289604	CHR9:18289604	SSF x LoA	-9,09952147	-0,075	0,303

CHR9	18290182	CHR9:18290182	SSF x LoA	-7,32291431	0,031	0,321
CHR9	18290196	CHR9:18290196	SSF x LoA	-7,36837961	0,036	0,316
CHR9	18296926	CHR9:18296926	SSF x LoA	-8,9391122	0,015	0,305
CHR9	18314214	CHR9:18314214	SSF x LoA	-7,77720193	-0,089	0,306
CHR9	18314262	CHR9:18314262	SSF x LoA	-8,36681978	-0,130	0,302
CHR9	18314490	CHR9:18314490	SSF x LoA	-5,90450235	-0,062	0,326
CHR9	18314505	CHR9:18314505	SSF x LoA	-8,41961339	0,074	0,330
CHR9	18314525	CHR9:18314525	SSF x LoA	-10,2763629	-0,081	0,306
CHR9	18314611	CHR9:18314611	SSF x LoA	-7,06748146	0,042	0,324
CHR9	18329983	CHR9:18329983	SSF x LoA	-9,38634362	0,031	0,300
CHR9	18335779	CHR9:18335779	SSF x LoA	-10,5877541	-0,083	0,314
CHR9	18335909	CHR9:18335909	SSF x LoA	-9,08806377	-0,054	0,299
CHR9	18335919	CHR9:18335919	SSF x LoA	-9,83001302	-0,045	0,315
CHR9	18337674	CHR9:18337674	SSF x LoA	-7,71657317	-0,012	0,314
CHR9	18342607	CHR9:18342607	SSF x LoA	-8,51212317	0,067	0,298
CHR9	18342670	CHR9:18342670	SSF x LoA	-11,3698326	-0,001	0,306
CHR9	18342727	CHR9:18342727	SSF x LoA	-9,46344642	-0,118	0,314
CHR9	18342748	CHR9:18342748	SSF x LoA	-10,6325591	-0,018	0,302
CHR9	18345720	CHR9:18345720	SSF x LoA	-8,22058639	0,072	0,295
CHR9	18345739	CHR9:18345739	SSF x LoA	-11,137096	0,009	0,302
CHR9	18345780	CHR9:18345780	SSF x LoA	-8,14582924	0,047	0,293
CHR9	18345926	CHR9:18345926	SSF x LoA	-7,68896763	0,082	0,313
CHR9	18346012	CHR9:18346012	SSF x LoA	-9,64857281	0,064	0,313
CHR9	18346016	CHR9:18346016	SSF x LoA	-10,142096	-0,117	0,310
CHR9	18349050	CHR9:18349050	SSF x LoA	-6,07596142	-0,092	0,311
CHR9	18349065	CHR9:18349065	SSF x LoA	-10,5908082	-0,026	0,316
CHR9	18349129	CHR9:18349129	SSF x LoA	-10,6000502	-0,098	0,314
CHR9	1834916	CHR9:1834916	SSF x LoA	-7,5503332	0,014	0,309
CHR9	18365146	CHR9:18365146	SSF x LoA	-10,7786779	-0,061	0,298
CHR9	18365374	CHR9:18365374	SSF x LoA	-9,82714884	-0,066	0,299
CHR9	18365384	CHR9:18365384	SSF x LoA	-11,5985786	-0,076	0,305
CHR9	18365389	CHR9:18365389	SSF x LoA	-9,13656551	0,020	0,329
CHR9	18371717	CHR9:18371717	SSF x LoA	-9,59661973	-0,013	0,290
CHR9	18371829	CHR9:18371829	SSF x LoA	-8,18723454	0,035	0,311
CHR9	18378037	CHR9:18378037	SSF x LoA	-7,74605353	0,014	0,302
CHR9	18378038	CHR9:18378038	SSF x LoA	-9,5036074	0,027	0,301
CHR9	18378050	CHR9:18378050	SSF x LoA	-8,14173187	-0,064	0,299
CHR9	18383890	CHR9:18383890	SSF x LoA	-11,177773	0,056	0,297
CHR9	18383934	CHR9:18383934	SSF x LoA	-2,98333416	-0,100	0,298
CHR9	18383944	CHR9:18383944	SSF x LoA	-8,54301622	0,116	0,308
CHR9	18383959	CHR9:18383959	SSF x LoA	-4,31519659	0,061	0,310
CHR9	18383980	CHR9:18383980	SSF x LoA	-7,18236643	-0,026	0,300
CHR9	18392358	CHR9:18392358	SSF x LoA	-11,5557805	0,020	0,298
CHR9	18392477	CHR9:18392477	SSF x LoA	-10,6680067	-0,023	0,309
CHR9	18392549	CHR9:18392549	SSF x LoA	-10,6979133	0,019	0,307
CHR9	18392656	CHR9:18392656	SSF x LoA	-9,12493946	0,034	0,302
CHR9	18401188	CHR9:18401188	SSF x LoA	-2,96765105	-0,039	0,326
CHR9	18403203	CHR9:18403203	SSF x LoA	-9,32283328	-0,070	0,299
CHR9	18403319	CHR9:18403319	SSF x LoA	-8,5021838	-0,075	0,307
CHR9	18403321	CHR9:18403321	SSF x LoA	-8,17305179	0,013	0,306
CHR9	18406403	CHR9:18406403	SSF x LoA	-10,4399268	-0,010	0,314
CHR9	18406418	CHR9:18406418	SSF x LoA	-2,59114601	0,140	0,299
CHR9	18406445	CHR9:18406445	SSF x LoA	-9,32059703	0,076	0,308

CHR9	18407292	CHR9:18407292	SSF x LoA	-9,78373127	-0,014	0,293
CHR9	18407294	CHR9:18407294	SSF x LoA	-10,0297497	-0,025	0,289
CHR9	18416956	CHR9:18416956	SSF x LoA	-9,23621145	-0,088	0,305
CHR9	18417014	CHR9:18417014	SSF x LoA	-7,17305238	-0,039	0,300
CHR9	18420121	CHR9:18420121	SSF x LoA	-8,66646156	-0,113	0,303
CHR9	18420297	CHR9:18420297	SSF x LoA	-11,5550781	-0,018	0,313
CHR9	18422035	CHR9:18422035	SSF x LoA	-5,02156442	-0,207	0,283
CHR9	18422067	CHR9:18422067	SSF x LoA	-7,43679475	0,125	0,310
CHR9	18422090	CHR9:18422090	SSF x LoA	1,27435321	0,112	0,309
CHR9	18422117	CHR9:18422117	SSF x LoA	-7,56431242	-0,157	0,297
CHR9	18422127	CHR9:18422127	SSF x LoA	-2,55269421	0,113	0,306
CHR9	18422139	CHR9:18422139	SSF x LoA	-6,88978228	-0,154	0,296
CHR9	18422205	CHR9:18422205	SSF x LoA	-3,6834152	-0,173	0,294
CHR9	18422302	CHR9:18422302	SSF x LoA	-8,8513893	-0,099	0,308
CHR9	18426901	CHR9:18426901	SSF x LoA	-11,5499519	0,005	0,294
CHR9	18426932	CHR9:18426932	SSF x LoA	-8,48969316	-0,065	0,315
CHR9	18436196	CHR9:18436196	SSF x LoA	-8,92637141	-0,156	0,308
CHR9	18436298	CHR9:18436298	SSF x LoA	-9,02429302	-0,008	0,314
CHR9	18436300	CHR9:18436300	SSF x LoA	-7,82391826	0,071	0,308
CHR9	18445445	CHR9:18445445	SSF x LoA	-9,13932327	-0,041	0,311
CHR9	18445456	CHR9:18445456	SSF x LoA	-6,34115636	-0,112	0,305
CHR9	1845016	CHR9:1845016	SSF x LoA	-10,3057124	-0,057	0,318
CHR9	18459363	CHR9:18459363	SSF x LoA	-6,36070112	0,023	0,310
CHR9	18478460	CHR9:18478460	SSF x LoA	-12,1067469	0,040	0,302
CHR9	18478566	CHR9:18478566	SSF x LoA	-8,68341011	0,019	0,305
CHR9	18478569	CHR9:18478569	SSF x LoA	-9,73875035	-0,014	0,288
CHR9	18478578	CHR9:18478578	SSF x LoA	-8,42580444	-0,013	0,306
CHR9	18480547	CHR9:18480547	SSF x LoA	-8,36174022	0,049	0,313
CHR9	18480590	CHR9:18480590	SSF x LoA	-9,35341495	0,045	0,306
CHR9	18487851	CHR9:18487851	SSF x LoA	-11,4154258	0,010	0,306
CHR9	18487899	CHR9:18487899	SSF x LoA	-9,79242174	-0,113	0,290
CHR9	18488011	CHR9:18488011	SSF x LoA	-7,79134968	-0,118	0,290
CHR9	18488100	CHR9:18488100	SSF x LoA	-6,16210457	-0,108	0,303
CHR9	18498246	CHR9:18498246	SSF x LoA	-9,58300297	0,055	0,300
CHR9	18498398	CHR9:18498398	SSF x LoA	-8,28327413	0,019	0,302
CHR9	18499943	CHR9:18499943	SSF x LoA	-7,82854683	0,080	0,308
CHR9	18499979	CHR9:18499979	SSF x LoA	-7,95406353	-0,077	0,304
CHR9	18504381	CHR9:18504381	SSF x LoA	-7,48959986	0,108	0,316
CHR9	18504548	CHR9:18504548	SSF x LoA	-9,17665002	0,078	0,297
CHR9	18517660	CHR9:18517660	SSF x LoA	-8,63215192	0,088	0,303
CHR9	18518137	CHR9:18518137	SSF x LoA	-3,17368865	0,082	0,299
CHR9	18518144	CHR9:18518144	SSF x LoA	-6,803687	-0,113	0,306
CHR9	18535340	CHR9:18535340	SSF x LoA	-8,34314521	0,033	0,286
CHR9	18535519	CHR9:18535519	SSF x LoA	-8,28378087	-0,019	0,307
CHR9	18535539	CHR9:18535539	SSF x LoA	-6,01697801	0,071	0,288
CHR9	18535582	CHR9:18535582	SSF x LoA	-10,8870616	0,021	0,309
CHR9	18542809	CHR9:18542809	SSF x LoA	-6,11752307	-0,073	0,318
CHR9	18542833	CHR9:18542833	SSF x LoA	-6,29313127	0,098	0,293
CHR9	18542854	CHR9:18542854	SSF x LoA	-11,4594844	-0,026	0,310
CHR9	18542941	CHR9:18542941	SSF x LoA	-8,28592367	0,076	0,313
CHR9	18542974	CHR9:18542974	SSF x LoA	-7,42628898	-0,159	0,306
CHR9	18544967	CHR9:18544967	SSF x LoA	-10,2829458	-0,064	0,306
CHR9	18548377	CHR9:18548377	SSF x LoA	-9,14905441	-0,099	0,304

CHR9	18559548	CHR9:18559548	SSF x LoA	-10,88586	0,045	0,298
CHR9	18562642	CHR9:18562642	SSF x LoA	-11,247043	-0,074	0,309
CHR9	18567149	CHR9:18567149	SSF x LoA	-9,93971769	0,018	0,301
CHR9	18567156	CHR9:18567156	SSF x LoA	-9,58757181	-0,045	0,313
CHR9	18567162	CHR9:18567162	SSF x LoA	-9,38896618	0,078	0,311
CHR9	18567211	CHR9:18567211	SSF x LoA	-10,3925582	0,010	0,303
CHR9	18568590	CHR9:18568590	SSF x LoA	-9,9423496	0,031	0,303
CHR9	1856905	CHR9:1856905	SSF x LoA	-10,2839906	0,071	0,306
CHR9	1857037	CHR9:1857037	SSF x LoA	0,70491726	-0,017	0,299
CHR9	1857041	CHR9:1857041	SSF x LoA	-8,25205872	-0,031	0,318
CHR9	18572823	CHR9:18572823	SSF x LoA	-11,4196747	-0,036	0,314
CHR9	18579217	CHR9:18579217	SSF x LoA	-10,9828548	0,017	0,309
CHR9	18579368	CHR9:18579368	SSF x LoA	-10,2233035	0,042	0,310
CHR9	18579386	CHR9:18579386	SSF x LoA	-10,5578595	0,049	0,304
CHR9	18586704	CHR9:18586704	SSF x LoA	-9,06054067	-0,036	0,310
CHR9	18586721	CHR9:18586721	SSF x LoA	-9,81437759	-0,008	0,311
CHR9	18586801	CHR9:18586801	SSF x LoA	-9,84500629	-0,093	0,305
CHR9	18586809	CHR9:18586809	SSF x LoA	-2,58912462	-0,219	0,289
CHR9	18586815	CHR9:18586815	SSF x LoA	-7,23645646	-0,172	0,309
CHR9	18586823	CHR9:18586823	SSF x LoA	-10,0649908	0,011	0,326
CHR9	18590536	CHR9:18590536	SSF x LoA	-9,77855776	0,076	0,305
CHR9	18590548	CHR9:18590548	SSF x LoA	-8,43442219	-0,087	0,312
CHR9	18590621	CHR9:18590621	SSF x LoA	-7,77070662	0,048	0,294
CHR9	18601609	CHR9:18601609	SSF x LoA	-5,42535381	-0,069	0,307
CHR9	18605012	CHR9:18605012	SSF x LoA	-9,00628043	0,015	0,291
CHR9	18613981	CHR9:18613981	SSF x LoA	-8,57229232	0,029	0,312
CHR9	18622656	CHR9:18622656	SSF x LoA	-3,52060371	0,146	0,317
CHR9	18622699	CHR9:18622699	SSF x LoA	-8,59161639	-0,035	0,296
CHR9	18623425	CHR9:18623425	SSF x LoA	-7,74147271	0,127	0,298
CHR9	18630636	CHR9:18630636	SSF x LoA	-10,8508292	0,107	0,309
CHR9	18630672	CHR9:18630672	SSF x LoA	-9,38405564	-0,045	0,304
CHR9	18632321	CHR9:18632321	SSF x LoA	-5,77839338	-0,118	0,318
CHR9	18632328	CHR9:18632328	SSF x LoA	-11,5468669	0,030	0,312
CHR9	18632341	CHR9:18632341	SSF x LoA	-10,5932676	-0,001	0,307
CHR9	18632429	CHR9:18632429	SSF x LoA	-9,14634122	0,039	0,315
CHR9	18662468	CHR9:18662468	SSF x LoA	-8,6662778	0,067	0,310
CHR9	18662528	CHR9:18662528	SSF x LoA	-10,5737619	-0,053	0,307
CHR9	18662531	CHR9:18662531	SSF x LoA	-6,37282094	0,104	0,313
CHR9	18666143	CHR9:18666143	SSF x LoA	-9,1434149	-0,169	0,311
CHR9	18666362	CHR9:18666362	SSF x LoA	-9,99265263	0,087	0,301
CHR9	18673028	CHR9:18673028	SSF x LoA	-9,6229421	-0,012	0,311
CHR9	18673047	CHR9:18673047	SSF x LoA	-9,85218409	-0,039	0,316
CHR9	18673085	CHR9:18673085	SSF x LoA	-9,41653344	-0,029	0,312
CHR9	18673111	CHR9:18673111	SSF x LoA	-6,43229495	0,075	0,301
CHR9	18673127	CHR9:18673127	SSF x LoA	-9,19904139	0,055	0,306
CHR9	18673131	CHR9:18673131	SSF x LoA	-9,33239861	-0,064	0,296
CHR9	18680843	CHR9:18680843	SSF x LoA	-9,16416183	0,117	0,306
CHR9	18680879	CHR9:18680879	SSF x LoA	-4,08027495	0,156	0,324
CHR9	18680886	CHR9:18680886	SSF x LoA	-8,20774045	0,151	0,288
CHR9	18680887	CHR9:18680887	SSF x LoA	-5,18313506	0,155	0,294
CHR9	18680913	CHR9:18680913	SSF x LoA	-11,4801584	0,048	0,302
CHR9	18680930	CHR9:18680930	SSF x LoA	-6,40608233	-0,031	0,303
CHR9	18682749	CHR9:18682749	SSF x LoA	-9,39567644	-0,072	0,294

CHR9	18682763	CHR9:18682763	SSF x LoA	-5,20939464	0,217	0,302
CHR9	18688178	CHR9:18688178	SSF x LoA	-12,3869476	0,037	0,311
CHR9	18688224	CHR9:18688224	SSF x LoA	-8,12548968	0,129	0,297
CHR9	18688253	CHR9:18688253	SSF x LoA	-9,88664577	0,038	0,297
CHR9	18688284	CHR9:18688284	SSF x LoA	-11,0099731	0,044	0,293
CHR9	18688419	CHR9:18688419	SSF x LoA	-9,28838392	0,045	0,318
CHR9	18692066	CHR9:18692066	SSF x LoA	-9,90265545	-0,084	0,302
CHR9	18692073	CHR9:18692073	SSF x LoA	-11,0573793	-0,104	0,318
CHR9	18692164	CHR9:18692164	SSF x LoA	-7,89446731	-0,057	0,312
CHR9	18695019	CHR9:18695019	SSF x LoA	-8,97065153	-0,026	0,303
CHR9	18697428	CHR9:18697428	SSF x LoA	-9,03818998	0,013	0,332
CHR9	18697556	CHR9:18697556	SSF x LoA	-6,57852587	-0,146	0,308
CHR9	18706340	CHR9:18706340	SSF x LoA	-8,28865501	0,043	0,317
CHR9	18706352	CHR9:18706352	SSF x LoA	-11,1365943	-0,022	0,309
CHR9	18706378	CHR9:18706378	SSF x LoA	-8,55129519	0,097	0,313
CHR9	18706381	CHR9:18706381	SSF x LoA	-10,9941403	0,035	0,302
CHR9	18706434	CHR9:18706434	SSF x LoA	-8,01858971	0,094	0,314
CHR9	18710148	CHR9:18710148	SSF x LoA	-10,9775096	-0,041	0,297
CHR9	18714509	CHR9:18714509	SSF x LoA	-6,90941992	-0,067	0,305
CHR9	18714510	CHR9:18714510	SSF x LoA	-9,25920431	0,042	0,296
CHR9	18714535	CHR9:18714535	SSF x LoA	-9,73649137	-0,106	0,288
CHR9	18714550	CHR9:18714550	SSF x LoA	-11,2848481	0,057	0,287
CHR9	18714596	CHR9:18714596	SSF x LoA	-9,29281195	0,091	0,298
CHR9	18715252	CHR9:18715252	SSF x LoA	-8,40813504	-0,055	0,296
CHR9	18737194	CHR9:18737194	SSF x LoA	-10,2099273	0,049	0,297
CHR9	18738908	CHR9:18738908	SSF x LoA	-10,1828158	-0,121	0,310
CHR9	1874180	CHR9:1874180	SSF x LoA	-8,83457539	-0,047	0,312
CHR9	1874187	CHR9:1874187	SSF x LoA	-11,583833	0,044	0,295
CHR9	1874264	CHR9:1874264	SSF x LoA	-8,1419323	0,161	0,294
CHR9	18745717	CHR9:18745717	SSF x LoA	-10,2311756	0,010	0,298
CHR9	18745805	CHR9:18745805	SSF x LoA	-10,570411	0,116	0,306
CHR9	18746535	CHR9:18746535	SSF x LoA	-8,21010091	0,122	0,294
CHR9	18746546	CHR9:18746546	SSF x LoA	-9,35727016	0,110	0,306
CHR9	18746591	CHR9:18746591	SSF x LoA	-9,33460494	-0,006	0,307
CHR9	18746623	CHR9:18746623	SSF x LoA	-7,55060833	0,007	0,309
CHR9	18776303	CHR9:18776303	SSF x LoA	-9,49277235	-0,025	0,304
CHR9	18776319	CHR9:18776319	SSF x LoA	-8,96525767	-0,053	0,311
CHR9	18776346	CHR9:18776346	SSF x LoA	-11,764307	-0,026	0,303
CHR9	18776354	CHR9:18776354	SSF x LoA	-8,36599973	-0,063	0,300
CHR9	18776359	CHR9:18776359	SSF x LoA	-8,45581166	-0,103	0,305
CHR9	18776869	CHR9:18776869	SSF x LoA	-9,59731524	-0,065	0,317
CHR9	18780541	CHR9:18780541	SSF x LoA	-9,99395932	-0,025	0,312
CHR9	18780563	CHR9:18780563	SSF x LoA	-9,53394529	-0,020	0,315
CHR9	18780566	CHR9:18780566	SSF x LoA	-8,89186858	-0,058	0,303
CHR9	18780568	CHR9:18780568	SSF x LoA	-7,92744393	-0,042	0,295
CHR9	18780589	CHR9:18780589	SSF x LoA	-5,70491332	0,032	0,305
CHR9	18780607	CHR9:18780607	SSF x LoA	-7,78644294	-0,004	0,318
CHR9	18780657	CHR9:18780657	SSF x LoA	-9,35098537	-0,081	0,308
CHR9	18781868	CHR9:18781868	SSF x LoA	-10,7982255	0,020	0,316
CHR9	18781898	CHR9:18781898	SSF x LoA	-11,3225945	0,061	0,296
CHR9	18781899	CHR9:18781899	SSF x LoA	-9,59132628	-0,066	0,293
CHR9	18781904	CHR9:18781904	SSF x LoA	-11,1796448	0,017	0,325
CHR9	18786271	CHR9:18786271	SSF x LoA	-7,96429874	0,067	0,303

CHR9	18786285	CHR9:18786285	SSF x LoA	-8,20355215	0,118	0,301
CHR9	18786314	CHR9:18786314	SSF x LoA	-11,0711191	-0,015	0,304
CHR9	18786361	CHR9:18786361	SSF x LoA	-9,53102707	-0,024	0,322
CHR9	18788486	CHR9:18788486	SSF x LoA	-10,2860458	-0,087	0,311
CHR9	1879367	CHR9:1879367	SSF x LoA	-7,88923346	0,020	0,303
CHR9	1879411	CHR9:1879411	SSF x LoA	-8,34800502	-0,064	0,306
CHR9	1879426	CHR9:1879426	SSF x LoA	-8,82589381	0,083	0,302
CHR9	1879454	CHR9:1879454	SSF x LoA	-8,93996614	0,026	0,311
CHR9	1879463	CHR9:1879463	SSF x LoA	-10,7719331	-0,068	0,301
CHR9	1879482	CHR9:1879482	SSF x LoA	-10,0870383	0,081	0,303
CHR9	1879492	CHR9:1879492	SSF x LoA	-7,73818395	0,105	0,309
CHR9	1879498	CHR9:1879498	SSF x LoA	-10,8517957	-0,031	0,314
CHR9	1879511	CHR9:1879511	SSF x LoA	-10,595367	-0,002	0,295
CHR9	1879545	CHR9:1879545	SSF x LoA	-9,78685786	0,047	0,306
CHR9	18809648	CHR9:18809648	SSF x LoA	-3,97622104	-0,232	0,299
CHR9	18809656	CHR9:18809656	SSF x LoA	-2,42337342	0,220	0,302
CHR9	18809685	CHR9:18809685	SSF x LoA	-9,5252046	0,122	0,302
CHR9	18809719	CHR9:18809719	SSF x LoA	-9,21411121	0,142	0,291
CHR9	18809741	CHR9:18809741	SSF x LoA	-3,12304257	-0,140	0,311
CHR9	18810418	CHR9:18810418	SSF x LoA	-10,1647014	0,087	0,310
CHR9	18810530	CHR9:18810530	SSF x LoA	-9,09930908	-0,037	0,300
CHR9	18810542	CHR9:18810542	SSF x LoA	-6,66067633	-0,172	0,299
CHR9	18810710	CHR9:18810710	SSF x LoA	-8,90319711	0,092	0,315
CHR9	18823752	CHR9:18823752	SSF x LoA	-10,7565972	0,015	0,303
CHR9	18823800	CHR9:18823800	SSF x LoA	-9,4933401	0,043	0,306
CHR9	18823812	CHR9:18823812	SSF x LoA	-9,92989687	0,046	0,310
CHR9	18823860	CHR9:18823860	SSF x LoA	-10,9068194	0,059	0,312
CHR9	18834418	CHR9:18834418	SSF x LoA	-9,9292288	-0,026	0,314
CHR9	18834606	CHR9:18834606	SSF x LoA	-0,42084277	0,120	0,312
CHR9	18834630	CHR9:18834630	SSF x LoA	-6,99769571	-0,040	0,308
CHR9	18834665	CHR9:18834665	SSF x LoA	-8,52744829	0,040	0,307
CHR9	18834707	CHR9:18834707	SSF x LoA	-8,38556159	-0,023	0,289
CHR9	18836943	CHR9:18836943	SSF x LoA	-11,0360622	-0,014	0,308
CHR9	18836945	CHR9:18836945	SSF x LoA	-10,7817474	0,044	0,301
CHR9	18836948	CHR9:18836948	SSF x LoA	-9,32897138	0,016	0,318
CHR9	18836965	CHR9:18836965	SSF x LoA	-9,52917401	0,019	0,307
CHR9	18836966	CHR9:18836966	SSF x LoA	-9,65156932	0,010	0,318
CHR9	18836985	CHR9:18836985	SSF x LoA	-10,1629908	0,041	0,303
CHR9	18836986	CHR9:18836986	SSF x LoA	-9,60452871	0,042	0,307
CHR9	18837008	CHR9:18837008	SSF x LoA	-9,81123338	0,015	0,311
CHR9	18850845	CHR9:18850845	SSF x LoA	-11,1139546	0,028	0,302
CHR9	18850868	CHR9:18850868	SSF x LoA	-9,13479625	-0,076	0,295
CHR9	18850913	CHR9:18850913	SSF x LoA	-9,91589113	0,062	0,303
CHR9	18861637	CHR9:18861637	SSF x LoA	-7,96414116	0,075	0,309
CHR9	18861790	CHR9:18861790	SSF x LoA	-9,98237642	-0,069	0,313
CHR9	1886890	CHR9:1886890	SSF x LoA	-7,93129631	0,079	0,318
CHR9	18869553	CHR9:18869553	SSF x LoA	-9,40873073	-0,031	0,295
CHR9	1886963	CHR9:1886963	SSF x LoA	-9,84217635	-0,031	0,312
CHR9	1887008	CHR9:1887008	SSF x LoA	-8,69912352	-0,038	0,299
CHR9	1887083	CHR9:1887083	SSF x LoA	-8,55986511	-0,044	0,315
CHR9	1887102	CHR9:1887102	SSF x LoA	-9,08246443	-0,082	0,306
CHR9	18876610	CHR9:18876610	SSF x LoA	-10,4614573	0,013	0,304
CHR9	18876624	CHR9:18876624	SSF x LoA	-5,24717999	0,061	0,306

CHR9	18877861	CHR9:18877861	SSF x LoA	-8,51436699	-0,134	0,308
CHR9	18899291	CHR9:18899291	SSF x LoA	-1,94458533	-0,223	0,304
CHR9	18899297	CHR9:18899297	SSF x LoA	-5,38052149	-0,241	0,293
CHR9	18899332	CHR9:18899332	SSF x LoA	-8,04430241	0,084	0,307
CHR9	18899336	CHR9:18899336	SSF x LoA	-8,21758413	0,124	0,300
CHR9	18899338	CHR9:18899338	SSF x LoA	-10,8138949	0,013	0,300
CHR9	18899389	CHR9:18899389	SSF x LoA	-8,01526429	0,182	0,281
CHR9	18899566	CHR9:18899566	SSF x LoA	-10,4007872	-0,013	0,305
CHR9	18899599	CHR9:18899599	SSF x LoA	-8,70386656	0,013	0,299
CHR9	18899603	CHR9:18899603	SSF x LoA	-9,80645455	0,017	0,315
CHR9	18899618	CHR9:18899618	SSF x LoA	-9,92916929	-0,022	0,308
CHR9	18899619	CHR9:18899619	SSF x LoA	-10,1849541	-0,001	0,315
CHR9	18899625	CHR9:18899625	SSF x LoA	-9,24360525	-0,006	0,303
CHR9	18899640	CHR9:18899640	SSF x LoA	-9,082094	-0,025	0,314
CHR9	18903954	CHR9:18903954	SSF x LoA	-7,74939954	0,140	0,310
CHR9	18921228	CHR9:18921228	SSF x LoA	-8,82074551	0,007	0,317
CHR9	18921314	CHR9:18921314	SSF x LoA	-6,00386021	0,023	0,307
CHR9	18921418	CHR9:18921418	SSF x LoA	-8,38282538	0,041	0,311
CHR9	18924239	CHR9:18924239	SSF x LoA	-9,38555935	0,190	0,295
CHR9	18941903	CHR9:18941903	SSF x LoA	-10,0904896	-0,004	0,304
CHR9	18941996	CHR9:18941996	SSF x LoA	-9,53303515	0,071	0,291
CHR9	18942011	CHR9:18942011	SSF x LoA	-2,25033496	-0,171	0,301
CHR9	18942047	CHR9:18942047	SSF x LoA	-8,42972522	0,038	0,301
CHR9	18957446	CHR9:18957446	SSF x LoA	-8,71228462	-0,028	0,319
CHR9	18957459	CHR9:18957459	SSF x LoA	-8,29971952	-0,133	0,303
CHR9	18957479	CHR9:18957479	SSF x LoA	-9,6966453	0,067	0,311
CHR9	18957481	CHR9:18957481	SSF x LoA	-5,72684121	0,106	0,294
CHR9	18957504	CHR9:18957504	SSF x LoA	-7,84560519	0,014	0,299
CHR9	18972404	CHR9:18972404	SSF x LoA	-10,7698683	-0,058	0,314
CHR9	18972455	CHR9:18972455	SSF x LoA	-11,6961346	0,024	0,313
CHR9	18972475	CHR9:18972475	SSF x LoA	-9,66524031	0,142	0,302
CHR9	18972491	CHR9:18972491	SSF x LoA	-11,4301584	0,006	0,306
CHR9	18972531	CHR9:18972531	SSF x LoA	-8,03706356	0,116	0,308
CHR9	18972582	CHR9:18972582	SSF x LoA	-8,07504474	0,023	0,307
CHR9	18972641	CHR9:18972641	SSF x LoA	-8,5660404	-0,198	0,294
CHR9	18984125	CHR9:18984125	SSF x LoA	-8,79210067	0,096	0,318
CHR9	18984153	CHR9:18984153	SSF x LoA	-8,53398807	-0,030	0,313
CHR9	18984339	CHR9:18984339	SSF x LoA	-8,73219838	-0,061	0,310
CHR9	18984361	CHR9:18984361	SSF x LoA	-9,21161756	-0,010	0,303
CHR9	18984473	CHR9:18984473	SSF x LoA	-9,37204275	-0,109	0,305
CHR9	18994931	CHR9:18994931	SSF x LoA	-10,4376308	-0,026	0,302
CHR9	18994935	CHR9:18994935	SSF x LoA	-11,9772591	-0,005	0,306
CHR9	18994990	CHR9:18994990	SSF x LoA	-8,19904437	-0,150	0,305
CHR9	18994994	CHR9:18994994	SSF x LoA	-4,08601205	-0,223	0,280
CHR9	18995004	CHR9:18995004	SSF x LoA	-9,21583813	0,049	0,324
CHR9	18995664	CHR9:18995664	SSF x LoA	-10,9559615	-0,008	0,307
CHR9	1899632	CHR9:1899632	SSF x LoA	-9,75954263	-0,103	0,303
CHR9	1899732	CHR9:1899732	SSF x LoA	-10,351816	-0,020	0,313
CHR9	1899769	CHR9:1899769	SSF x LoA	-10,4422984	0,041	0,322
CHR9	1899922	CHR9:1899922	SSF x LoA	-10,1794428	-0,079	0,306
CHR9	1899936	CHR9:1899936	SSF x LoA	-10,9693978	0,017	0,315
CHR9	19003707	CHR9:19003707	SSF x LoA	-7,04664974	-0,190	0,294
CHR9	19003722	CHR9:19003722	SSF x LoA	-3,93007708	-0,191	0,297

CHR9	19003780	CHR9:19003780	SSF x LoA	-9,80708748	0,000	0,305
CHR9	19003871	CHR9:19003871	SSF x LoA	-9,02094016	-0,191	0,288
CHR9	19007835	CHR9:19007835	SSF x LoA	-8,1513944	-0,126	0,303
CHR9	19007984	CHR9:19007984	SSF x LoA	-8,08812497	-0,155	0,299
CHR9	19015532	CHR9:19015532	SSF x LoA	-7,94698621	0,030	0,299
CHR9	19018245	CHR9:19018245	SSF x LoA	-12,4852149	0,016	0,292
CHR9	19018252	CHR9:19018252	SSF x LoA	-8,68297505	0,169	0,299
CHR9	19018268	CHR9:19018268	SSF x LoA	-9,08161403	-0,020	0,303
CHR9	19018361	CHR9:19018361	SSF x LoA	-10,9263646	-0,010	0,302
CHR9	19018381	CHR9:19018381	SSF x LoA	-9,96247685	0,031	0,302
CHR9	19018417	CHR9:19018417	SSF x LoA	-7,65100928	-0,139	0,296
CHR9	19018439	CHR9:19018439	SSF x LoA	-7,16923262	0,023	0,311
CHR9	19018467	CHR9:19018467	SSF x LoA	-8,98664614	0,041	0,299
CHR9	19018475	CHR9:19018475	SSF x LoA	-5,59793875	0,116	0,308
CHR9	19020752	CHR9:19020752	SSF x LoA	-9,90886961	-0,002	0,293
CHR9	19020755	CHR9:19020755	SSF x LoA	-3,58410634	0,013	0,310
CHR9	19026573	CHR9:19026573	SSF x LoA	-9,62045856	0,091	0,308
CHR9	19026668	CHR9:19026668	SSF x LoA	-7,6784723	-0,019	0,307
CHR9	19026777	CHR9:19026777	SSF x LoA	-9,68840848	-0,029	0,314
CHR9	19026780	CHR9:19026780	SSF x LoA	-9,80047786	-0,121	0,284
CHR9	19026876	CHR9:19026876	SSF x LoA	-2,55492088	-0,007	0,317
CHR9	19026878	CHR9:19026878	SSF x LoA	-9,15404403	-0,012	0,309
CHR9	19032395	CHR9:19032395	SSF x LoA	-10,3842359	0,077	0,311
CHR9	19032706	CHR9:19032706	SSF x LoA	-7,19671929	-0,135	0,287
CHR9	19040293	CHR9:19040293	SSF x LoA	-9,7932094	0,069	0,310
CHR9	19040311	CHR9:19040311	SSF x LoA	-10,1078548	-0,085	0,307
CHR9	19040347	CHR9:19040347	SSF x LoA	-7,38412471	0,037	0,308
CHR9	19040371	CHR9:19040371	SSF x LoA	-8,302319	0,048	0,321
CHR9	19040395	CHR9:19040395	SSF x LoA	-9,30905613	-0,095	0,298
CHR9	19052847	CHR9:19052847	SSF x LoA	-8,40900754	-0,132	0,294
CHR9	19052871	CHR9:19052871	SSF x LoA	-9,70563557	0,017	0,313
CHR9	19052891	CHR9:19052891	SSF x LoA	-4,71216187	-0,134	0,313
CHR9	1905644	CHR9:1905644	SSF x LoA	-10,1459182	-0,021	0,291
CHR9	1905689	CHR9:1905689	SSF x LoA	-7,05807092	-0,043	0,304
CHR9	1905707	CHR9:1905707	SSF x LoA	-5,52227937	0,131	0,310
CHR9	1905780	CHR9:1905780	SSF x LoA	10,1743797	-0,188	0,290
CHR9	1905796	CHR9:1905796	SSF x LoA	-8,09664819	-0,067	0,308
CHR9	19058432	CHR9:19058432	SSF x LoA	-11,9891371	-0,041	0,315
CHR9	19060906	CHR9:19060906	SSF x LoA	-8,78507265	0,057	0,289
CHR9	19060940	CHR9:19060940	SSF x LoA	-8,98702748	-0,094	0,306
CHR9	19060947	CHR9:19060947	SSF x LoA	-9,603521	0,108	0,294
CHR9	19060961	CHR9:19060961	SSF x LoA	-10,5488421	0,057	0,309
CHR9	19060966	CHR9:19060966	SSF x LoA	-10,6032148	0,043	0,315
CHR9	19060989	CHR9:19060989	SSF x LoA	-10,4401085	-0,054	0,300
CHR9	19061010	CHR9:19061010	SSF x LoA	-9,62379035	-0,042	0,293
CHR9	19061012	CHR9:19061012	SSF x LoA	-10,6226496	-0,073	0,299
CHR9	19061025	CHR9:19061025	SSF x LoA	-10,914422	-0,083	0,309
CHR9	19061039	CHR9:19061039	SSF x LoA	-8,67444102	-0,088	0,313
CHR9	19065099	CHR9:19065099	SSF x LoA	-8,38942234	-0,133	0,292
CHR9	19065378	CHR9:19065378	SSF x LoA	-3,46281075	0,123	0,293
CHR9	19072719	CHR9:19072719	SSF x LoA	-9,69448834	-0,068	0,306
CHR9	19072734	CHR9:19072734	SSF x LoA	-9,20977237	0,078	0,298
CHR9	19072737	CHR9:19072737	SSF x LoA	-6,13887971	0,147	0,297

CHR9	19072753	CHR9:19072753	SSF x LoA	-3,60841477	-0,085	0,308
CHR9	19072755	CHR9:19072755	SSF x LoA	-9,36298673	-0,139	0,306
CHR9	19072878	CHR9:19072878	SSF x LoA	-2,63093248	-0,230	0,282
CHR9	19082139	CHR9:19082139	SSF x LoA	-5,68765077	0,069	0,306
CHR9	19082141	CHR9:19082141	SSF x LoA	-6,20523765	0,076	0,303
CHR9	19082168	CHR9:19082168	SSF x LoA	-8,78442891	0,068	0,301
CHR9	19082171	CHR9:19082171	SSF x LoA	-7,64185877	-0,047	0,307
CHR9	19082188	CHR9:19082188	SSF x LoA	-9,02520071	0,037	0,303
CHR9	19082189	CHR9:19082189	SSF x LoA	-1,98102941	-0,035	0,303
CHR9	19082222	CHR9:19082222	SSF x LoA	-11,6579723	-0,086	0,301
CHR9	19092898	CHR9:19092898	SSF x LoA	-9,67350482	0,022	0,295
CHR9	19092911	CHR9:19092911	SSF x LoA	-8,66376837	-0,059	0,302
CHR9	19092938	CHR9:19092938	SSF x LoA	-11,6576725	-0,079	0,307
CHR9	19092961	CHR9:19092961	SSF x LoA	-9,82713173	-0,016	0,302
CHR9	19092979	CHR9:19092979	SSF x LoA	-10,1656165	0,040	0,310
CHR9	19093018	CHR9:19093018	SSF x LoA	-8,83532345	0,064	0,312
CHR9	19094613	CHR9:19094613	SSF x LoA	-11,3247406	0,026	0,323
CHR9	1909784	CHR9:1909784	SSF x LoA	-8,92918411	0,070	0,313
CHR9	1909845	CHR9:1909845	SSF x LoA	-8,96137224	-0,041	0,296
CHR9	1909937	CHR9:1909937	SSF x LoA	-11,1073771	-0,041	0,293
CHR9	1909977	CHR9:1909977	SSF x LoA	-11,6111216	0,036	0,292
CHR9	19105790	CHR9:19105790	SSF x LoA	-8,86284725	-0,028	0,311
CHR9	19105799	CHR9:19105799	SSF x LoA	-9,12204066	-0,056	0,313
CHR9	19105801	CHR9:19105801	SSF x LoA	-10,2136192	-0,048	0,307
CHR9	19105802	CHR9:19105802	SSF x LoA	-11,0077917	-0,033	0,320
CHR9	19105826	CHR9:19105826	SSF x LoA	-8,41196098	-0,103	0,301
CHR9	19105836	CHR9:19105836	SSF x LoA	-9,07207691	-0,077	0,313
CHR9	19105860	CHR9:19105860	SSF x LoA	-8,27914726	-0,060	0,306
CHR9	19105878	CHR9:19105878	SSF x LoA	-3,56836312	0,123	0,293
CHR9	19107133	CHR9:19107133	SSF x LoA	-10,5267613	-0,120	0,308
CHR9	19107211	CHR9:19107211	SSF x LoA	-3,13023622	-0,205	0,287
CHR9	19107214	CHR9:19107214	SSF x LoA	-5,50178214	-0,213	0,302
CHR9	19107286	CHR9:19107286	SSF x LoA	-8,49609332	-0,018	0,306
CHR9	19107304	CHR9:19107304	SSF x LoA	-7,14163233	0,138	0,300
CHR9	19107329	CHR9:19107329	SSF x LoA	-11,5118803	-0,029	0,301
CHR9	19113771	CHR9:19113771	SSF x LoA	-5,71328533	0,060	0,302
CHR9	19113775	CHR9:19113775	SSF x LoA	-9,07982006	0,023	0,311
CHR9	19113784	CHR9:19113784	SSF x LoA	-6,75207096	-0,082	0,297
CHR9	19126553	CHR9:19126553	SSF x LoA	-7,18032894	0,043	0,298
CHR9	19126568	CHR9:19126568	SSF x LoA	-11,6330052	-0,002	0,327
CHR9	19126657	CHR9:19126657	SSF x LoA	-11,1203189	-0,075	0,304
CHR9	19126674	CHR9:19126674	SSF x LoA	-10,575294	-0,060	0,305
CHR9	19130461	CHR9:19130461	SSF x LoA	-9,28470541	-0,084	0,300
CHR9	19130514	CHR9:19130514	SSF x LoA	-8,24552568	-0,104	0,312
CHR9	19131802	CHR9:19131802	SSF x LoA	-7,93100306	-0,157	0,298
CHR9	19131845	CHR9:19131845	SSF x LoA	-9,16767588	-0,034	0,294
CHR9	19131849	CHR9:19131849	SSF x LoA	-9,68310765	-0,031	0,308
CHR9	19131872	CHR9:19131872	SSF x LoA	-6,51824762	0,148	0,300
CHR9	19131879	CHR9:19131879	SSF x LoA	-6,45867498	0,129	0,306
CHR9	19131906	CHR9:19131906	SSF x LoA	3,89813653	0,195	0,291
CHR9	19131909	CHR9:19131909	SSF x LoA	-8,72585408	-0,119	0,295
CHR9	19131910	CHR9:19131910	SSF x LoA	-4,93178019	0,173	0,297
CHR9	19136269	CHR9:19136269	SSF x LoA	-9,39387159	0,106	0,286

CHR9	19136303	CHR9:19136303	SSF x LoA	-8,19300516	-0,067	0,307
CHR9	19136314	CHR9:19136314	SSF x LoA	-9,39760602	0,040	0,308
CHR9	19136326	CHR9:19136326	SSF x LoA	-9,40945192	0,000	0,288
CHR9	19136337	CHR9:19136337	SSF x LoA	-9,70009836	0,123	0,299
CHR9	19136340	CHR9:19136340	SSF x LoA	-8,87265181	0,051	0,301
CHR9	19136347	CHR9:19136347	SSF x LoA	-10,0438107	0,049	0,303
CHR9	19136352	CHR9:19136352	SSF x LoA	-9,03610323	-0,042	0,287
CHR9	19138050	CHR9:19138050	SSF x LoA	-11,6752794	0,053	0,313
CHR9	19138059	CHR9:19138059	SSF x LoA	-10,493847	0,072	0,309
CHR9	19138073	CHR9:19138073	SSF x LoA	-8,4101186	-0,065	0,306
CHR9	19138087	CHR9:19138087	SSF x LoA	-10,4185994	0,072	0,302
CHR9	19138108	CHR9:19138108	SSF x LoA	-8,33790549	-0,048	0,299
CHR9	19140084	CHR9:19140084	SSF x LoA	-8,68020308	0,028	0,319
CHR9	19140095	CHR9:19140095	SSF x LoA	-10,5701325	0,032	0,311
CHR9	19140187	CHR9:19140187	SSF x LoA	-8,353147	0,041	0,308
CHR9	19142060	CHR9:19142060	SSF x LoA	-6,25631244	-0,208	0,298
CHR9	19142126	CHR9:19142126	SSF x LoA	-11,4529167	0,017	0,304
CHR9	19142614	CHR9:19142614	SSF x LoA	-11,0769993	0,002	0,290
CHR9	19142618	CHR9:19142618	SSF x LoA	-10,6380102	-0,003	0,300
CHR9	19142644	CHR9:19142644	SSF x LoA	-5,13441352	-0,155	0,302
CHR9	19142665	CHR9:19142665	SSF x LoA	-4,48844304	-0,190	0,295
CHR9	19142723	CHR9:19142723	SSF x LoA	-9,93334076	-0,116	0,319
CHR9	19148404	CHR9:19148404	SSF x LoA	-7,6977093	0,035	0,306
CHR9	19148429	CHR9:19148429	SSF x LoA	-11,6758937	0,001	0,300
CHR9	19148444	CHR9:19148444	SSF x LoA	-5,79700656	0,040	0,301
CHR9	19148456	CHR9:19148456	SSF x LoA	-6,97625287	0,023	0,311
CHR9	19148509	CHR9:19148509	SSF x LoA	-9,26327063	0,074	0,305
CHR9	19148522	CHR9:19148522	SSF x LoA	-7,80187745	0,075	0,309
CHR9	19149921	CHR9:19149921	SSF x LoA	-9,713197	0,071	0,310
CHR9	19162589	CHR9:19162589	SSF x LoA	-7,6306395	0,099	0,287
CHR9	19162622	CHR9:19162622	SSF x LoA	-11,059172	-0,012	0,298
CHR9	19162661	CHR9:19162661	SSF x LoA	-8,94780982	-0,124	0,296
CHR9	19162760	CHR9:19162760	SSF x LoA	-9,17057745	-0,085	0,305
CHR9	19165714	CHR9:19165714	SSF x LoA	-8,47975168	0,134	0,311
CHR9	19165741	CHR9:19165741	SSF x LoA	-10,5992698	-0,079	0,308
CHR9	19166148	CHR9:19166148	SSF x LoA	-6,93324038	-0,012	0,311
CHR9	19166154	CHR9:19166154	SSF x LoA	-8,4376182	0,012	0,306
CHR9	19169929	CHR9:19169929	SSF x LoA	-10,7552326	0,068	0,306
CHR9	19176126	CHR9:19176126	SSF x LoA	-9,65369334	-0,058	0,314
CHR9	19176128	CHR9:19176128	SSF x LoA	-9,22492092	0,044	0,301
CHR9	19176177	CHR9:19176177	SSF x LoA	-8,77278972	0,078	0,302
CHR9	19176186	CHR9:19176186	SSF x LoA	-9,6709002	0,083	0,310
CHR9	19176251	CHR9:19176251	SSF x LoA	-4,12672124	0,009	0,309
CHR9	19177612	CHR9:19177612	SSF x LoA	-7,28585347	-0,043	0,307
CHR9	19177620	CHR9:19177620	SSF x LoA	-10,4725268	-0,107	0,303
CHR9	19177625	CHR9:19177625	SSF x LoA	-11,2298308	-0,109	0,309
CHR9	19177756	CHR9:19177756	SSF x LoA	-10,3881135	0,100	0,291
CHR9	19177786	CHR9:19177786	SSF x LoA	-9,45401694	-0,001	0,314
CHR9	19179810	CHR9:19179810	SSF x LoA	-2,97524151	-0,068	0,325
CHR9	19179816	CHR9:19179816	SSF x LoA	-8,57520928	0,027	0,316
CHR9	19179851	CHR9:19179851	SSF x LoA	-7,93256415	0,090	0,308
CHR9	19180273	CHR9:19180273	SSF x LoA	-7,20843652	-0,175	0,274
CHR9	19180394	CHR9:19180394	SSF x LoA	-10,9309779	-0,067	0,294

CHR9	19184564	CHR9:19184564	SSF x LoA	-9,10833952	-0,150	0,302
CHR9	19184567	CHR9:19184567	SSF x LoA	-10,7311168	-0,076	0,309
CHR9	19184607	CHR9:19184607	SSF x LoA	-7,86040448	0,064	0,319
CHR9	19184616	CHR9:19184616	SSF x LoA	-10,894961	0,059	0,307
CHR9	19184682	CHR9:19184682	SSF x LoA	-8,53232785	0,020	0,304
CHR9	19184687	CHR9:19184687	SSF x LoA	-10,8553692	-0,041	0,306
CHR9	19184688	CHR9:19184688	SSF x LoA	-2,69891015	-0,149	0,310
CHR9	19184749	CHR9:19184749	SSF x LoA	-9,83068931	0,045	0,314
CHR9	19184778	CHR9:19184778	SSF x LoA	-7,78942051	0,210	0,303
CHR9	19187663	CHR9:19187663	SSF x LoA	-4,39045575	0,136	0,308
CHR9	19187690	CHR9:19187690	SSF x LoA	-9,3352598	0,000	0,314
CHR9	19187738	CHR9:19187738	SSF x LoA	-8,76393081	-0,062	0,313
CHR9	19187745	CHR9:19187745	SSF x LoA	-9,95050968	-0,042	0,304
CHR9	19187753	CHR9:19187753	SSF x LoA	-8,82226519	-0,047	0,306
CHR9	19187775	CHR9:19187775	SSF x LoA	-10,1017491	-0,068	0,299
CHR9	19187776	CHR9:19187776	SSF x LoA	-7,58631839	-0,107	0,313
CHR9	19187837	CHR9:19187837	SSF x LoA	-8,69163246	0,033	0,298
CHR9	19187845	CHR9:19187845	SSF x LoA	-6,67709932	0,032	0,289
CHR9	19187863	CHR9:19187863	SSF x LoA	-11,1058007	-0,068	0,301
CHR9	19187869	CHR9:19187869	SSF x LoA	-8,98152202	0,050	0,302
CHR9	19187870	CHR9:19187870	SSF x LoA	-9,26794687	0,040	0,294
CHR9	19187909	CHR9:19187909	SSF x LoA	-7,68844711	0,056	0,306
CHR9	19187915	CHR9:19187915	SSF x LoA	-9,14089217	-0,014	0,311
CHR9	19192757	CHR9:19192757	SSF x LoA	-8,54668614	-0,078	0,290
CHR9	19192785	CHR9:19192785	SSF x LoA	-9,95392031	0,078	0,299
CHR9	19192819	CHR9:19192819	SSF x LoA	-9,04400621	-0,075	0,294
CHR9	19194834	CHR9:19194834	SSF x LoA	-7,23769262	-0,106	0,295
CHR9	19201935	CHR9:19201935	SSF x LoA	-8,76552252	0,057	0,280
CHR9	19201966	CHR9:19201966	SSF x LoA	-7,58090164	0,055	0,286
CHR9	19211597	CHR9:19211597	SSF x LoA	-5,91610044	0,008	0,315
CHR9	19211631	CHR9:19211631	SSF x LoA	1,547546	-0,120	0,297
CHR9	19211634	CHR9:19211634	SSF x LoA	-0,86665917	-0,160	0,307
CHR9	19213911	CHR9:19213911	SSF x LoA	-7,45848245	0,166	0,305
CHR9	19214004	CHR9:19214004	SSF x LoA	-8,77638622	-0,105	0,304
CHR9	19214005	CHR9:19214005	SSF x LoA	-8,61480436	-0,107	0,296
CHR9	19214121	CHR9:19214121	SSF x LoA	-11,1547035	0,006	0,297
CHR9	1921612	CHR9:1921612	SSF x LoA	-8,44141513	0,087	0,307
CHR9	1921620	CHR9:1921620	SSF x LoA	-6,16408873	0,083	0,307
CHR9	1921649	CHR9:1921649	SSF x LoA	-5,43406441	0,006	0,314
CHR9	1921682	CHR9:1921682	SSF x LoA	-10,0553112	-0,047	0,313
CHR9	19217312	CHR9:19217312	SSF x LoA	-8,42586579	0,115	0,308
CHR9	19217380	CHR9:19217380	SSF x LoA	-11,7134824	-0,006	0,298
CHR9	19217413	CHR9:19217413	SSF x LoA	-10,6882185	-0,057	0,297
CHR9	19217428	CHR9:19217428	SSF x LoA	-8,83794996	-0,046	0,302
CHR9	19217448	CHR9:19217448	SSF x LoA	-8,94818682	-0,035	0,310
CHR9	19217465	CHR9:19217465	SSF x LoA	-9,24283933	0,031	0,306
CHR9	19217508	CHR9:19217508	SSF x LoA	-10,3369696	-0,028	0,299
CHR9	19217519	CHR9:19217519	SSF x LoA	-3,97383967	0,022	0,305
CHR9	19217535	CHR9:19217535	SSF x LoA	-10,9780399	0,113	0,302
CHR9	19236513	CHR9:19236513	SSF x LoA	-0,40350312	0,146	0,299
CHR9	19257245	CHR9:19257245	SSF x LoA	-11,0892382	-0,042	0,314
CHR9	19258046	CHR9:19258046	SSF x LoA	-6,9683453	-0,121	0,301
CHR9	19258091	CHR9:19258091	SSF x LoA	-8,69083433	0,125	0,306

CHR9	19258216	CHR9:19258216	SSF x LoA	-8,26677723	0,036	0,312
CHR9	1926146	CHR9:1926146	SSF x LoA	-9,52198656	-0,053	0,299
CHR9	1926171	CHR9:1926171	SSF x LoA	-11,234313	-0,071	0,301
CHR9	19262121	CHR9:19262121	SSF x LoA	-9,3871512	-0,012	0,305
CHR9	1926224	CHR9:1926224	SSF x LoA	-10,0954652	0,031	0,316
CHR9	19262241	CHR9:19262241	SSF x LoA	-8,44140133	-0,081	0,318
CHR9	19262351	CHR9:19262351	SSF x LoA	-11,6490131	-0,009	0,311
CHR9	19266336	CHR9:19266336	SSF x LoA	-11,0783005	0,098	0,307
CHR9	19266377	CHR9:19266377	SSF x LoA	-10,5439592	-0,057	0,304
CHR9	19266396	CHR9:19266396	SSF x LoA	-9,12885557	0,050	0,307
CHR9	19267661	CHR9:19267661	SSF x LoA	-8,21414047	0,122	0,295
CHR9	19267689	CHR9:19267689	SSF x LoA	-6,8205807	0,126	0,307
CHR9	19274121	CHR9:19274121	SSF x LoA	-8,11074168	0,087	0,311
CHR9	19278270	CHR9:19278270	SSF x LoA	-7,97607658	-0,054	0,314
CHR9	19278321	CHR9:19278321	SSF x LoA	-8,13730212	0,027	0,308
CHR9	19278370	CHR9:19278370	SSF x LoA	-9,51664923	0,020	0,295
CHR9	19278387	CHR9:19278387	SSF x LoA	-7,22753356	0,075	0,303
CHR9	19281080	CHR9:19281080	SSF x LoA	-6,89779116	0,059	0,307
CHR9	19287429	CHR9:19287429	SSF x LoA	-11,5328822	-0,080	0,308
CHR9	19287451	CHR9:19287451	SSF x LoA	-8,8203937	-0,036	0,317
CHR9	19287461	CHR9:19287461	SSF x LoA	-9,98507731	-0,046	0,314
CHR9	19287495	CHR9:19287495	SSF x LoA	-10,0044243	-0,060	0,297
CHR9	19287496	CHR9:19287496	SSF x LoA	-10,6022969	-0,050	0,298
CHR9	19287502	CHR9:19287502	SSF x LoA	-6,44357489	0,057	0,305
CHR9	1928903	CHR9:1928903	SSF x LoA	-6,43447195	-0,102	0,314
CHR9	1928951	CHR9:1928951	SSF x LoA	-8,48112699	-0,171	0,307
CHR9	1928962	CHR9:1928962	SSF x LoA	-10,095189	0,058	0,298
CHR9	1928973	CHR9:1928973	SSF x LoA	-7,47910569	-0,130	0,290
CHR9	19294421	CHR9:19294421	SSF x LoA	-11,5120186	0,015	0,305
CHR9	19294431	CHR9:19294431	SSF x LoA	-11,6010181	0,001	0,304
CHR9	19294443	CHR9:19294443	SSF x LoA	-6,53456977	0,069	0,314
CHR9	19294454	CHR9:19294454	SSF x LoA	-11,7528445	0,005	0,301
CHR9	19294461	CHR9:19294461	SSF x LoA	-10,2728498	-0,075	0,311
CHR9	19294479	CHR9:19294479	SSF x LoA	-10,201815	0,074	0,303
CHR9	19294493	CHR9:19294493	SSF x LoA	-9,86180936	-0,039	0,312
CHR9	19294519	CHR9:19294519	SSF x LoA	-8,9726515	0,100	0,309
CHR9	19294534	CHR9:19294534	SSF x LoA	-8,95308178	0,065	0,298
CHR9	19294541	CHR9:19294541	SSF x LoA	-7,91441201	0,076	0,308
CHR9	19294587	CHR9:19294587	SSF x LoA	-11,8694598	0,017	0,293
CHR9	19294646	CHR9:19294646	SSF x LoA	-11,3935885	-0,092	0,303
CHR9	19294657	CHR9:19294657	SSF x LoA	-10,2568731	0,043	0,301
CHR9	19294658	CHR9:19294658	SSF x LoA	-8,87973989	-0,022	0,324
CHR9	19298110	CHR9:19298110	SSF x LoA	-9,37783029	0,162	0,306
CHR9	19298176	CHR9:19298176	SSF x LoA	-9,01303399	0,091	0,298
CHR9	19298195	CHR9:19298195	SSF x LoA	-9,02809434	-0,040	0,313
CHR9	19298221	CHR9:19298221	SSF x LoA	-11,0893254	0,012	0,303
CHR9	19299619	CHR9:19299619	SSF x LoA	-7,94545006	-0,053	0,327
CHR9	19299631	CHR9:19299631	SSF x LoA	-9,2757443	-0,032	0,314
CHR9	19303013	CHR9:19303013	SSF x LoA	-8,01444223	-0,198	0,296
CHR9	19313132	CHR9:19313132	SSF x LoA	-8,70623217	0,050	0,318
CHR9	19313166	CHR9:19313166	SSF x LoA	-8,88205153	-0,069	0,291
CHR9	19313172	CHR9:19313172	SSF x LoA	-1,98622535	-0,288	0,282
CHR9	19313186	CHR9:19313186	SSF x LoA	-8,7562981	0,030	0,313

CHR9	19313249	CHR9:19313249	SSF x LoA	-7,0293101	-0,043	0,301
CHR9	19313320	CHR9:19313320	SSF x LoA	-9,22412889	-0,051	0,299
CHR9	1933134	CHR9:1933134	SSF x LoA	-8,83914567	0,015	0,321
CHR9	1933627	CHR9:1933627	SSF x LoA	-3,42028199	-0,154	0,295
CHR9	1933637	CHR9:1933637	SSF x LoA	-10,7533367	-0,008	0,314
CHR9	1933641	CHR9:1933641	SSF x LoA	-5,84876404	-0,132	0,300
CHR9	1933681	CHR9:1933681	SSF x LoA	-10,1363919	-0,034	0,312
CHR9	19336862	CHR9:19336862	SSF x LoA	-8,36462744	-0,032	0,312
CHR9	19336936	CHR9:19336936	SSF x LoA	-9,64329079	0,001	0,302
CHR9	19336992	CHR9:19336992	SSF x LoA	-7,99294643	0,074	0,311
CHR9	1933703	CHR9:1933703	SSF x LoA	-10,9750596	0,062	0,302
CHR9	19337046	CHR9:19337046	SSF x LoA	-10,0046041	-0,034	0,317
CHR9	19337060	CHR9:19337060	SSF x LoA	-8,52048481	-0,020	0,311
CHR9	19337068	CHR9:19337068	SSF x LoA	-8,18411365	0,053	0,313
CHR9	19337071	CHR9:19337071	SSF x LoA	-8,77840018	0,020	0,298
CHR9	19337077	CHR9:19337077	SSF x LoA	-8,56589744	-0,009	0,310
CHR9	19337100	CHR9:19337100	SSF x LoA	-10,9183648	0,008	0,308
CHR9	19337118	CHR9:19337118	SSF x LoA	-10,2893139	0,039	0,307
CHR9	19350167	CHR9:19350167	SSF x LoA	-9,36665968	0,131	0,306
CHR9	19356635	CHR9:19356635	SSF x LoA	-11,3009427	-0,087	0,317
CHR9	19356641	CHR9:19356641	SSF x LoA	-11,1907686	-0,063	0,310
CHR9	19357487	CHR9:19357487	SSF x LoA	-8,29660334	0,015	0,316
CHR9	19357498	CHR9:19357498	SSF x LoA	-7,77619102	0,001	0,323
CHR9	19357514	CHR9:19357514	SSF x LoA	-5,99360341	0,061	0,319
CHR9	19357548	CHR9:19357548	SSF x LoA	-6,64819886	-0,006	0,311
CHR9	19357561	CHR9:19357561	SSF x LoA	-5,32666381	0,015	0,306
CHR9	19357569	CHR9:19357569	SSF x LoA	-8,20983316	-0,038	0,308
CHR9	19357584	CHR9:19357584	SSF x LoA	-8,71365852	-0,046	0,317
CHR9	19357655	CHR9:19357655	SSF x LoA	-10,8945601	-0,025	0,300
CHR9	19367480	CHR9:19367480	SSF x LoA	-7,21216945	0,035	0,321
CHR9	19367484	CHR9:19367484	SSF x LoA	-8,18567472	0,039	0,317
CHR9	19367505	CHR9:19367505	SSF x LoA	-9,71217799	-0,020	0,302
CHR9	19367506	CHR9:19367506	SSF x LoA	-8,52708592	0,028	0,299
CHR9	19367520	CHR9:19367520	SSF x LoA	-11,6409151	-0,017	0,318
CHR9	19367546	CHR9:19367546	SSF x LoA	-6,47459275	-0,183	0,299
CHR9	19368084	CHR9:19368084	SSF x LoA	-9,5064402	0,010	0,304
CHR9	19368096	CHR9:19368096	SSF x LoA	-9,3027487	-0,060	0,311
CHR9	19368129	CHR9:19368129	SSF x LoA	-10,6816249	-0,065	0,306
CHR9	19368194	CHR9:19368194	SSF x LoA	-9,12458552	-0,058	0,306
CHR9	19368197	CHR9:19368197	SSF x LoA	-9,46452946	-0,036	0,311
CHR9	19368198	CHR9:19368198	SSF x LoA	-11,7411295	0,001	0,300
CHR9	19368202	CHR9:19368202	SSF x LoA	-8,47385751	-0,035	0,314
CHR9	19372334	CHR9:19372334	SSF x LoA	-7,94770669	0,092	0,313
CHR9	19372383	CHR9:19372383	SSF x LoA	-8,79964864	-0,045	0,307
CHR9	19373968	CHR9:19373968	SSF x LoA	-9,11021733	0,118	0,310
CHR9	19374088	CHR9:19374088	SSF x LoA	-10,1917064	-0,031	0,292
CHR9	19375979	CHR9:19375979	SSF x LoA	-7,3054958	-0,027	0,312
CHR9	19375982	CHR9:19375982	SSF x LoA	-7,426797	-0,051	0,324
CHR9	19388804	CHR9:19388804	SSF x LoA	-8,91762092	-0,039	0,301
CHR9	19388814	CHR9:19388814	SSF x LoA	-11,0036165	0,046	0,302
CHR9	19388855	CHR9:19388855	SSF x LoA	-8,79476855	0,032	0,289
CHR9	19396629	CHR9:19396629	SSF x LoA	-7,22736322	0,156	0,305
CHR9	1939905	CHR9:1939905	SSF x LoA	-5,82038456	-0,165	0,304

CHR9	19401207	CHR9:19401207	SSF x LoA	-10,1130292	-0,066	0,306
CHR9	19401257	CHR9:19401257	SSF x LoA	-8,89566221	0,026	0,313
CHR9	19401323	CHR9:19401323	SSF x LoA	-9,04878267	-0,001	0,307
CHR9	19402625	CHR9:19402625	SSF x LoA	-3,25847755	-0,088	0,306
CHR9	19402639	CHR9:19402639	SSF x LoA	-11,4352402	0,024	0,315
CHR9	19402659	CHR9:19402659	SSF x LoA	-8,88562002	-0,045	0,297
CHR9	19402670	CHR9:19402670	SSF x LoA	-11,3523423	-0,031	0,314
CHR9	19402680	CHR9:19402680	SSF x LoA	-9,02402119	0,086	0,307
CHR9	19402689	CHR9:19402689	SSF x LoA	-7,32866448	0,050	0,312
CHR9	19410491	CHR9:19410491	SSF x LoA	-9,82620625	0,037	0,319
CHR9	19413871	CHR9:19413871	SSF x LoA	-9,84385764	0,028	0,310
CHR9	19413879	CHR9:19413879	SSF x LoA	-8,97487036	0,047	0,303
CHR9	19413887	CHR9:19413887	SSF x LoA	-8,4564598	0,083	0,321
CHR9	19418280	CHR9:19418280	SSF x LoA	-4,4816168	-0,135	0,305
CHR9	19419551	CHR9:19419551	SSF x LoA	-8,30032845	-0,020	0,306
CHR9	19419573	CHR9:19419573	SSF x LoA	-9,26691931	-0,069	0,311
CHR9	19419672	CHR9:19419672	SSF x LoA	-10,4161237	-0,029	0,304
CHR9	19419676	CHR9:19419676	SSF x LoA	-9,38258536	0,118	0,307
CHR9	19424980	CHR9:19424980	SSF x LoA	-10,0804527	-0,124	0,317
CHR9	19425058	CHR9:19425058	SSF x LoA	-8,84253394	-0,143	0,287
CHR9	19425330	CHR9:19425330	SSF x LoA	-1,89346532	0,153	0,302
CHR9	19434217	CHR9:19434217	SSF x LoA	-8,32305574	0,074	0,307
CHR9	19434225	CHR9:19434225	SSF x LoA	-9,09042208	0,030	0,306
CHR9	19434249	CHR9:19434249	SSF x LoA	-8,81621906	0,028	0,310
CHR9	19434257	CHR9:19434257	SSF x LoA	-10,9298453	0,064	0,302
CHR9	19434325	CHR9:19434325	SSF x LoA	-10,3322802	-0,087	0,304
CHR9	19440064	CHR9:19440064	SSF x LoA	-8,53188158	0,065	0,315
CHR9	19440101	CHR9:19440101	SSF x LoA	-8,97828909	0,056	0,306
CHR9	19440108	CHR9:19440108	SSF x LoA	-8,04072018	0,004	0,320
CHR9	19440180	CHR9:19440180	SSF x LoA	-6,79003945	-0,062	0,303
CHR9	19440321	CHR9:19440321	SSF x LoA	-7,69561066	-0,079	0,323
CHR9	19440325	CHR9:19440325	SSF x LoA	-9,32896795	0,038	0,310
CHR9	19440379	CHR9:19440379	SSF x LoA	-7,14067677	-0,165	0,302
CHR9	19440383	CHR9:19440383	SSF x LoA	0,78172346	0,181	0,304
CHR9	19440465	CHR9:19440465	SSF x LoA	-10,3586633	0,070	0,297
CHR9	19440497	CHR9:19440497	SSF x LoA	-8,51280626	-0,050	0,310
CHR9	19446843	CHR9:19446843	SSF x LoA	-8,8190653	0,062	0,307
CHR9	19446852	CHR9:19446852	SSF x LoA	-9,12561505	-0,059	0,289
CHR9	19446949	CHR9:19446949	SSF x LoA	-7,59131374	0,022	0,314
CHR9	19446963	CHR9:19446963	SSF x LoA	-12,1592674	-0,023	0,294
CHR9	19448972	CHR9:19448972	SSF x LoA	-10,3003553	-0,063	0,321
CHR9	19449013	CHR9:19449013	SSF x LoA	-8,60208459	0,057	0,301
CHR9	19449023	CHR9:19449023	SSF x LoA	-9,48021794	0,105	0,299
CHR9	19449054	CHR9:19449054	SSF x LoA	-11,447979	0,014	0,299
CHR9	19457194	CHR9:19457194	SSF x LoA	-11,6374444	-0,089	0,298
CHR9	19457251	CHR9:19457251	SSF x LoA	-11,8365298	0,039	0,297
CHR9	19457282	CHR9:19457282	SSF x LoA	-10,3012814	-0,027	0,300
CHR9	19457297	CHR9:19457297	SSF x LoA	-8,70699781	0,027	0,314
CHR9	19458072	CHR9:19458072	SSF x LoA	-8,07050493	-0,156	0,311
CHR9	19458089	CHR9:19458089	SSF x LoA	-9,3934192	-0,096	0,294
CHR9	19458117	CHR9:19458117	SSF x LoA	-6,68868187	-0,017	0,307
CHR9	19458145	CHR9:19458145	SSF x LoA	-10,0369737	-0,033	0,311
CHR9	19458159	CHR9:19458159	SSF x LoA	-8,48047775	-0,053	0,304

CHR9	19458177	CHR9:19458177	SSF x LoA	-7,61873643	-0,054	0,297
CHR9	19458217	CHR9:19458217	SSF x LoA	-6,88267097	-0,190	0,289
CHR9	19471329	CHR9:19471329	SSF x LoA	-8,27341056	0,016	0,310
CHR9	19471399	CHR9:19471399	SSF x LoA	-8,52419495	0,005	0,314
CHR9	19471415	CHR9:19471415	SSF x LoA	-8,75443161	0,011	0,296
CHR9	19471469	CHR9:19471469	SSF x LoA	-11,6795685	-0,008	0,313
CHR9	19471505	CHR9:19471505	SSF x LoA	-10,8236794	-0,055	0,307
CHR9	19471576	CHR9:19471576	SSF x LoA	-11,9828254	-0,023	0,308
CHR9	19471600	CHR9:19471600	SSF x LoA	-11,0042914	-0,011	0,314
CHR9	1947231	CHR9:1947231	SSF x LoA	-8,7286584	0,098	0,304
CHR9	1947273	CHR9:1947273	SSF x LoA	-11,9773492	0,009	0,309
CHR9	1947274	CHR9:1947274	SSF x LoA	-10,2433884	0,040	0,305
CHR9	1947308	CHR9:1947308	SSF x LoA	-7,27330321	-0,144	0,303
CHR9	1948213	CHR9:1948213	SSF x LoA	-7,35852995	-0,066	0,304
CHR9	1948228	CHR9:1948228	SSF x LoA	-8,82036401	-0,058	0,285
CHR9	19484021	CHR9:19484021	SSF x LoA	-6,07767059	0,100	0,303
CHR9	19484028	CHR9:19484028	SSF x LoA	-3,76280476	-0,050	0,298
CHR9	19484030	CHR9:19484030	SSF x LoA	-10,3641314	0,081	0,303
CHR9	19484040	CHR9:19484040	SSF x LoA	-9,82464121	0,152	0,281
CHR9	19484058	CHR9:19484058	SSF x LoA	-8,13147498	0,118	0,297
CHR9	19484106	CHR9:19484106	SSF x LoA	-10,6668517	-0,115	0,304
CHR9	19484116	CHR9:19484116	SSF x LoA	-4,43915554	-0,060	0,301
CHR9	19484117	CHR9:19484117	SSF x LoA	-8,27169861	0,039	0,310
CHR9	19484166	CHR9:19484166	SSF x LoA	-6,93683058	0,021	0,301
CHR9	19484176	CHR9:19484176	SSF x LoA	-9,61152275	0,140	0,292
CHR9	19484192	CHR9:19484192	SSF x LoA	-6,72650156	0,000	0,298
CHR9	19484220	CHR9:19484220	SSF x LoA	-9,68187922	0,142	0,285
CHR9	19489280	CHR9:19489280	SSF x LoA	-8,90200691	-0,035	0,309
CHR9	19489282	CHR9:19489282	SSF x LoA	-8,05670497	-0,043	0,316
CHR9	19489407	CHR9:19489407	SSF x LoA	-10,0202229	-0,010	0,315
CHR9	19489447	CHR9:19489447	SSF x LoA	-8,72185031	-0,020	0,310
CHR9	19489451	CHR9:19489451	SSF x LoA	-10,8531827	-0,042	0,309
CHR9	19489471	CHR9:19489471	SSF x LoA	-10,2783804	0,011	0,302
CHR9	19489513	CHR9:19489513	SSF x LoA	-11,4571297	-0,007	0,295
CHR9	19492911	CHR9:19492911	SSF x LoA	-10,4524995	-0,037	0,307
CHR9	19492958	CHR9:19492958	SSF x LoA	-9,5257943	-0,023	0,304
CHR9	19493004	CHR9:19493004	SSF x LoA	-4,3875835	-0,053	0,326
CHR9	19493014	CHR9:19493014	SSF x LoA	-8,37598678	-0,032	0,307
CHR9	19493018	CHR9:19493018	SSF x LoA	-9,49414099	-0,004	0,305
CHR9	2E+07	CHR9:19513298	SSF x LoA	-11,1556129	-0,032	0,321
CHR9	2E+07	CHR9:19513367	SSF x LoA	-9,12728904	0,033	0,289
CHR9	2E+07	CHR9:19513424	SSF x LoA	-6,27194229	0,075	0,311
CHR9	2E+07	CHR9:19544208	SSF x LoA	-9,40881743	-0,005	0,302
CHR9	2E+07	CHR9:19544222	SSF x LoA	-9,83128848	0,079	0,311
CHR9	2E+07	CHR9:19544285	SSF x LoA	-9,50488968	-0,042	0,304
CHR9	2E+07	CHR9:19544312	SSF x LoA	-5,03943381	-0,089	0,317
CHR9	2E+07	CHR9:19551324	SSF x LoA	-6,11559565	0,050	0,321
CHR9	2E+07	CHR9:19551383	SSF x LoA	-8,39914734	0,096	0,307
CHR9	2E+07	CHR9:19551391	SSF x LoA	-9,96628737	0,031	0,305
CHR9	1955193	CHR9:1955193	SSF x LoA	-9,09524209	-0,044	0,317
CHR9	1955203	CHR9:1955203	SSF x LoA	-9,69214746	0,041	0,307
CHR9	1955223	CHR9:1955223	SSF x LoA	-10,1191668	0,056	0,323
CHR9	1955264	CHR9:1955264	SSF x LoA	-11,7756984	0,068	0,306

CHR9	1955286	CHR9:1955286	SSF x LoA	-10,8118413	0,012	0,311
CHR9	1955342	CHR9:1955342	SSF x LoA	-5,98585692	-0,033	0,319
CHR9	2E+07	CHR9:19554472	SSF x LoA	-9,50843706	0,067	0,311
CHR9	2E+07	CHR9:19554593	SSF x LoA	-4,39501573	0,093	0,303
CHR9	2E+07	CHR9:19558611	SSF x LoA	-11,4042329	0,048	0,315
CHR9	2E+07	CHR9:19563873	SSF x LoA	-7,75592393	0,049	0,315
CHR9	2E+07	CHR9:19563988	SSF x LoA	-9,94237314	-0,080	0,312
CHR9	2E+07	CHR9:19563989	SSF x LoA	-7,50743343	-0,030	0,321
CHR9	2E+07	CHR9:19563990	SSF x LoA	-7,99934141	0,102	0,308
CHR9	2E+07	CHR9:19564206	SSF x LoA	-6,83077928	-0,047	0,307
CHR9	2E+07	CHR9:19568193	SSF x LoA	-7,64754366	0,025	0,321
CHR9	2E+07	CHR9:19568263	SSF x LoA	-6,11693466	-0,147	0,307
CHR9	2E+07	CHR9:19574566	SSF x LoA	-10,0276902	0,129	0,293
CHR9	2E+07	CHR9:19575615	SSF x LoA	-9,61613402	-0,011	0,298
CHR9	2E+07	CHR9:19575627	SSF x LoA	-3,94259276	0,136	0,308
CHR9	2E+07	CHR9:19580983	SSF x LoA	-7,62011941	-0,064	0,304
CHR9	2E+07	CHR9:19580989	SSF x LoA	-5,39365778	-0,087	0,302
CHR9	2E+07	CHR9:19580991	SSF x LoA	-8,54706325	-0,070	0,320
CHR9	2E+07	CHR9:19581001	SSF x LoA	-8,65542695	0,086	0,324
CHR9	2E+07	CHR9:19581004	SSF x LoA	-9,98855336	0,102	0,299
CHR9	2E+07	CHR9:19581007	SSF x LoA	-6,52136148	0,108	0,306
CHR9	2E+07	CHR9:19581008	SSF x LoA	-9,56584726	0,119	0,294
CHR9	2E+07	CHR9:19581018	SSF x LoA	-8,8867781	-0,003	0,312
CHR9	2E+07	CHR9:19592286	SSF x LoA	-7,8968719	-0,075	0,303
CHR9	2E+07	CHR9:19592347	SSF x LoA	-9,05408053	0,015	0,304
CHR9	1961173	CHR9:1961173	SSF x LoA	-8,87085688	-0,060	0,307
CHR9	1961242	CHR9:1961242	SSF x LoA	-7,67339913	-0,075	0,295
CHR9	1961297	CHR9:1961297	SSF x LoA	-7,0115306	0,054	0,324
CHR9	1961306	CHR9:1961306	SSF x LoA	-10,1096704	0,057	0,285
CHR9	1961414	CHR9:1961414	SSF x LoA	-11,6826601	-0,036	0,307
CHR9	2E+07	CHR9:19616705	SSF x LoA	-11,2262231	-0,023	0,306
CHR9	2E+07	CHR9:19616833	SSF x LoA	-10,3529488	-0,072	0,313
CHR9	2E+07	CHR9:19617094	SSF x LoA	-6,72065581	-0,027	0,305
CHR9	2E+07	CHR9:19620982	SSF x LoA	-6,83642705	-0,115	0,309
CHR9	2E+07	CHR9:19621050	SSF x LoA	-5,91815758	0,174	0,303
CHR9	2E+07	CHR9:19621067	SSF x LoA	-9,8055646	-0,051	0,292
CHR9	2E+07	CHR9:19621068	SSF x LoA	-9,83987897	0,001	0,303
CHR9	2E+07	CHR9:19621093	SSF x LoA	-9,66730378	0,039	0,316
CHR9	2E+07	CHR9:19621376	SSF x LoA	-9,30265235	-0,077	0,320
CHR9	2E+07	CHR9:19621413	SSF x LoA	-8,38155574	0,120	0,304
CHR9	2E+07	CHR9:19646780	SSF x LoA	-8,33944551	-0,086	0,297
CHR9	2E+07	CHR9:19646792	SSF x LoA	-8,42517472	-0,151	0,298
CHR9	2E+07	CHR9:19646810	SSF x LoA	-0,1921496	-0,140	0,310
CHR9	2E+07	CHR9:19646861	SSF x LoA	3,86022838	-0,130	0,310
CHR9	2E+07	CHR9:19646923	SSF x LoA	-10,6511102	0,075	0,310
CHR9	2E+07	CHR9:19646958	SSF x LoA	-10,2022227	0,085	0,310
CHR9	2E+07	CHR9:19647019	SSF x LoA	-7,73460322	0,089	0,311
CHR9	2E+07	CHR9:19650860	SSF x LoA	-7,72000473	-0,124	0,295
CHR9	2E+07	CHR9:19650894	SSF x LoA	-6,40543774	-0,110	0,313
CHR9	2E+07	CHR9:19650942	SSF x LoA	-9,1348557	0,058	0,307
CHR9	2E+07	CHR9:19655896	SSF x LoA	-10,5546585	0,060	0,315
CHR9	2E+07	CHR9:19655945	SSF x LoA	-11,0821994	0,006	0,308
CHR9	2E+07	CHR9:19655988	SSF x LoA	-8,49186045	0,037	0,309

CHR9	2E+07	CHR9:19655995	SSF x LoA	-9,64104516	-0,054	0,299
CHR9	2E+07	CHR9:19656031	SSF x LoA	-8,38927815	0,049	0,316
CHR9	2E+07	CHR9:19658162	SSF x LoA	-8,64070844	0,039	0,315
CHR9	2E+07	CHR9:19659577	SSF x LoA	-8,80306985	-0,148	0,308
CHR9	2E+07	CHR9:19659608	SSF x LoA	-9,23955286	-0,036	0,300
CHR9	2E+07	CHR9:19659877	SSF x LoA	-11,3927955	-0,049	0,308
CHR9	2E+07	CHR9:19659880	SSF x LoA	-8,41256738	-0,022	0,310
CHR9	2E+07	CHR9:19659883	SSF x LoA	-9,4442437	-0,006	0,288
CHR9	1966310	CHR9:1966310	SSF x LoA	-10,7468954	-0,045	0,302
CHR9	2E+07	CHR9:19671886	SSF x LoA	-9,95486844	0,037	0,310
CHR9	2E+07	CHR9:19671888	SSF x LoA	-10,2246512	0,011	0,304
CHR9	2E+07	CHR9:19671901	SSF x LoA	-8,8607553	-0,010	0,315
CHR9	2E+07	CHR9:19671923	SSF x LoA	-11,2322868	-0,013	0,305
CHR9	2E+07	CHR9:19671931	SSF x LoA	-7,59055412	0,155	0,296
CHR9	2E+07	CHR9:19671953	SSF x LoA	-11,2034311	-0,055	0,308
CHR9	2E+07	CHR9:19671977	SSF x LoA	-1,57189825	-0,047	0,315
CHR9	2E+07	CHR9:19675443	SSF x LoA	-9,44045508	-0,004	0,313
CHR9	2E+07	CHR9:19681121	SSF x LoA	-9,98394898	-0,035	0,304
CHR9	2E+07	CHR9:19681137	SSF x LoA	-6,60120431	0,095	0,300
CHR9	2E+07	CHR9:19681144	SSF x LoA	-9,41248412	-0,011	0,290
CHR9	2E+07	CHR9:19681227	SSF x LoA	-9,45612287	0,087	0,300
CHR9	2E+07	CHR9:19684007	SSF x LoA	-6,70720579	0,177	0,309
CHR9	2E+07	CHR9:19686063	SSF x LoA	-9,88321678	0,104	0,296
CHR9	2E+07	CHR9:19686115	SSF x LoA	-7,98819997	-0,005	0,306
CHR9	2E+07	CHR9:19686141	SSF x LoA	-10,648055	-0,061	0,286
CHR9	2E+07	CHR9:19686161	SSF x LoA	-9,46473121	0,072	0,297
CHR9	2E+07	CHR9:19686206	SSF x LoA	-9,48414347	0,090	0,310
CHR9	2E+07	CHR9:19686217	SSF x LoA	-8,49617548	0,085	0,310
CHR9	2E+07	CHR9:19686231	SSF x LoA	-9,74083628	0,032	0,310
CHR9	2E+07	CHR9:19686243	SSF x LoA	-9,13290954	0,075	0,297
CHR9	2E+07	CHR9:19686244	SSF x LoA	-9,15697153	0,026	0,307
CHR9	2E+07	CHR9:19686246	SSF x LoA	-5,10930101	0,056	0,314
CHR9	2E+07	CHR9:19686259	SSF x LoA	-11,8701251	-0,101	0,307
CHR9	2E+07	CHR9:19686263	SSF x LoA	-9,80255939	0,002	0,310
CHR9	2E+07	CHR9:19689754	SSF x LoA	-9,07812089	-0,083	0,299
CHR9	2E+07	CHR9:19690597	SSF x LoA	-7,88509187	-0,088	0,311
CHR9	2E+07	CHR9:19690612	SSF x LoA	-9,31872704	0,019	0,309
CHR9	2E+07	CHR9:19703781	SSF x LoA	-12,4092606	-0,046	0,301
CHR9	2E+07	CHR9:19703842	SSF x LoA	-7,96435097	-0,055	0,315
CHR9	2E+07	CHR9:19704020	SSF x LoA	-9,58330691	-0,025	0,311
CHR9	2E+07	CHR9:19707266	SSF x LoA	-9,59421104	0,038	0,296
CHR9	2E+07	CHR9:19707271	SSF x LoA	-8,24868916	0,027	0,315
CHR9	2E+07	CHR9:19707494	SSF x LoA	-10,4259778	0,144	0,301
CHR9	2E+07	CHR9:19707530	SSF x LoA	-5,56486548	0,159	0,306
CHR9	2E+07	CHR9:19707573	SSF x LoA	-10,1881365	0,191	0,303
CHR9	2E+07	CHR9:19710886	SSF x LoA	-10,902824	-0,025	0,299
CHR9	2E+07	CHR9:19712943	SSF x LoA	-11,9400629	-0,008	0,311
CHR9	2E+07	CHR9:19713014	SSF x LoA	-8,15097345	-0,052	0,295
CHR9	2E+07	CHR9:19713084	SSF x LoA	-9,42453109	0,058	0,300
CHR9	2E+07	CHR9:19713112	SSF x LoA	-8,63520661	-0,044	0,306
CHR9	2E+07	CHR9:19718130	SSF x LoA	-9,52952878	0,012	0,306
CHR9	2E+07	CHR9:19718180	SSF x LoA	-7,53125096	0,119	0,310
CHR9	2E+07	CHR9:19718212	SSF x LoA	-10,4846835	-0,006	0,304

CHR9	2E+07	CHR9:19718233	SSF x LoA	-9,70358597	0,025	0,307
CHR9	2E+07	CHR9:19718286	SSF x LoA	-5,44941283	-0,016	0,309
CHR9	2E+07	CHR9:19718304	SSF x LoA	-9,38064752	-0,003	0,309
CHR9	2E+07	CHR9:19718329	SSF x LoA	-8,29653008	0,069	0,307
CHR9	2E+07	CHR9:19718345	SSF x LoA	-8,78925565	-0,071	0,300
CHR9	2E+07	CHR9:19718377	SSF x LoA	-10,3716266	0,060	0,307
CHR9	2E+07	CHR9:19727932	SSF x LoA	-8,18758026	-0,002	0,305
CHR9	2E+07	CHR9:19727944	SSF x LoA	-10,2353416	-0,019	0,316
CHR9	2E+07	CHR9:19733407	SSF x LoA	-9,73801787	0,043	0,322
CHR9	2E+07	CHR9:19733552	SSF x LoA	-9,23022746	-0,033	0,307
CHR9	2E+07	CHR9:19739132	SSF x LoA	-9,20304035	-0,007	0,303
CHR9	2E+07	CHR9:19739136	SSF x LoA	-9,16508336	0,026	0,313
CHR9	2E+07	CHR9:19745479	SSF x LoA	-10,3617291	-0,008	0,301
CHR9	2E+07	CHR9:19745601	SSF x LoA	-9,89077365	-0,051	0,315
CHR9	2E+07	CHR9:19746723	SSF x LoA	-7,67292043	0,022	0,290
CHR9	2E+07	CHR9:19746780	SSF x LoA	-11,7936817	-0,051	0,296
CHR9	2E+07	CHR9:19756913	SSF x LoA	-6,40639827	0,128	0,307
CHR9	2E+07	CHR9:19756915	SSF x LoA	-9,53990742	0,069	0,301
CHR9	2E+07	CHR9:19756921	SSF x LoA	-9,868874	0,090	0,315
CHR9	2E+07	CHR9:19756924	SSF x LoA	-9,59322036	0,098	0,317
CHR9	2E+07	CHR9:19756952	SSF x LoA	-8,4721683	0,062	0,312
CHR9	2E+07	CHR9:19757009	SSF x LoA	-8,37764571	0,046	0,306
CHR9	2E+07	CHR9:19757032	SSF x LoA	-8,10939468	-0,137	0,307
CHR9	2E+07	CHR9:19757069	SSF x LoA	-10,8749381	0,081	0,303
CHR9	2E+07	CHR9:19757077	SSF x LoA	-7,17236532	-0,140	0,305
CHR9	2E+07	CHR9:19757119	SSF x LoA	-9,21419802	-0,001	0,316
CHR9	2E+07	CHR9:19757123	SSF x LoA	-7,43389519	0,062	0,302
CHR9	2E+07	CHR9:19757160	SSF x LoA	-9,77937573	-0,052	0,308
CHR9	2E+07	CHR9:19764004	SSF x LoA	-9,95930671	0,074	0,307
CHR9	2E+07	CHR9:19764020	SSF x LoA	-9,73068495	0,016	0,304
CHR9	2E+07	CHR9:19764044	SSF x LoA	-10,5769771	0,013	0,300
CHR9	2E+07	CHR9:19769664	SSF x LoA	-8,60307197	0,082	0,306
CHR9	2E+07	CHR9:19770050	SSF x LoA	-3,97351637	0,014	0,309
CHR9	2E+07	CHR9:19778249	SSF x LoA	-11,1433461	-0,020	0,305
CHR9	2E+07	CHR9:19778257	SSF x LoA	-5,46374549	-0,052	0,321
CHR9	2E+07	CHR9:19778259	SSF x LoA	-8,89619998	-0,013	0,323
CHR9	2E+07	CHR9:19778285	SSF x LoA	-8,95923466	-0,006	0,312
CHR9	2E+07	CHR9:19778347	SSF x LoA	-7,34404342	0,079	0,328
CHR9	2E+07	CHR9:19778354	SSF x LoA	-8,89453578	0,031	0,304
CHR9	2E+07	CHR9:19778370	SSF x LoA	-9,82653054	0,034	0,286
CHR9	2E+07	CHR9:19780425	SSF x LoA	-5,78933502	-0,027	0,310
CHR9	2E+07	CHR9:19780451	SSF x LoA	-10,3125953	0,050	0,309
CHR9	2E+07	CHR9:19780466	SSF x LoA	-7,32549584	-0,101	0,307
CHR9	2E+07	CHR9:19780490	SSF x LoA	-7,71421315	0,092	0,327
CHR9	2E+07	CHR9:19780493	SSF x LoA	-12,2201114	-0,027	0,307
CHR9	2E+07	CHR9:19780528	SSF x LoA	-10,8157037	0,054	0,286
CHR9	2E+07	CHR9:19780537	SSF x LoA	-11,9759336	0,037	0,306
CHR9	2E+07	CHR9:19780590	SSF x LoA	-9,91532482	0,027	0,302
CHR9	1978446	CHR9:1978446	SSF x LoA	-8,09109547	0,008	0,312
CHR9	1978699	CHR9:1978699	SSF x LoA	-8,32933447	0,012	0,315
CHR9	2E+07	CHR9:19798021	SSF x LoA	-11,002477	-0,034	0,311
CHR9	2E+07	CHR9:19826241	SSF x LoA	-11,5188899	0,037	0,300
CHR9	2E+07	CHR9:19843108	SSF x LoA	-10,2303824	0,013	0,314

CHR9	2E+07	CHR9:19843122	SSF x LoA	0,3656276	-0,097	0,311
CHR9	2E+07	CHR9:19848322	SSF x LoA	-7,82197354	0,112	0,307
CHR9	2E+07	CHR9:19848342	SSF x LoA	-4,70841484	-0,159	0,311
CHR9	2E+07	CHR9:19848971	SSF x LoA	-9,28485623	0,036	0,301
CHR9	2E+07	CHR9:19848983	SSF x LoA	-9,73096996	0,101	0,322
CHR9	2E+07	CHR9:19848997	SSF x LoA	-8,84171281	0,026	0,304
CHR9	2E+07	CHR9:19849039	SSF x LoA	-10,6429139	-0,030	0,311
CHR9	2E+07	CHR9:19853811	SSF x LoA	-8,95393957	0,011	0,305
CHR9	2E+07	CHR9:19858583	SSF x LoA	-10,6208389	0,082	0,313
CHR9	2E+07	CHR9:19858770	SSF x LoA	-9,62955082	-0,014	0,309
CHR9	1987761	CHR9:1987761	SSF x LoA	-9,99849279	0,047	0,326
CHR9	1987781	CHR9:1987781	SSF x LoA	-9,68896488	0,024	0,301
CHR9	1987786	CHR9:1987786	SSF x LoA	-11,2125189	0,052	0,298
CHR9	1987812	CHR9:1987812	SSF x LoA	-8,16795421	-0,020	0,314
CHR9	1987819	CHR9:1987819	SSF x LoA	-8,99965479	0,092	0,314
CHR9	1987822	CHR9:1987822	SSF x LoA	-10,4622175	-0,087	0,312
CHR9	1987893	CHR9:1987893	SSF x LoA	-11,1324935	0,033	0,311
CHR9	1987895	CHR9:1987895	SSF x LoA	-7,21501156	0,020	0,295
CHR9	1988018	CHR9:1988018	SSF x LoA	-6,62684814	0,114	0,311
CHR9	2E+07	CHR9:19885678	SSF x LoA	-2,85608796	-0,109	0,292
CHR9	2E+07	CHR9:19885687	SSF x LoA	-8,09969255	-0,106	0,302
CHR9	2E+07	CHR9:19885704	SSF x LoA	-8,09539444	-0,100	0,298
CHR9	2E+07	CHR9:19885729	SSF x LoA	-6,39043896	-0,054	0,295
CHR9	2E+07	CHR9:19885741	SSF x LoA	-7,72754482	0,172	0,307
CHR9	2E+07	CHR9:19889088	SSF x LoA	-10,880965	0,065	0,324
CHR9	2E+07	CHR9:19893132	SSF x LoA	-12,0409864	0,024	0,310
CHR9	2E+07	CHR9:19899613	SSF x LoA	-11,1882437	-0,058	0,304
CHR9	2E+07	CHR9:19899634	SSF x LoA	-11,2101069	-0,089	0,306
CHR9	2E+07	CHR9:19899642	SSF x LoA	-10,4463469	0,030	0,307
CHR9	2E+07	CHR9:19905210	SSF x LoA	-10,7503309	0,066	0,307
CHR9	2E+07	CHR9:19905284	SSF x LoA	-9,31409611	0,003	0,299
CHR9	2E+07	CHR9:19905290	SSF x LoA	-7,44228967	0,064	0,292
CHR9	2E+07	CHR9:19906061	SSF x LoA	-8,86084888	-0,102	0,318
CHR9	2E+07	CHR9:19917229	SSF x LoA	-9,97714836	-0,129	0,305
CHR9	2E+07	CHR9:19930437	SSF x LoA	-9,4912975	0,002	0,312
CHR9	1993127	CHR9:1993127	SSF x LoA	-9,22515637	0,005	0,316
CHR9	1993134	CHR9:1993134	SSF x LoA	-10,905532	-0,029	0,295
CHR9	1993145	CHR9:1993145	SSF x LoA	-7,99010027	0,057	0,304
CHR9	1993193	CHR9:1993193	SSF x LoA	-8,17881985	0,136	0,304
CHR9	1993223	CHR9:1993223	SSF x LoA	-6,99404833	-0,141	0,291
CHR9	2E+07	CHR9:19934686	SSF x LoA	-7,24364918	-0,153	0,305
CHR9	2E+07	CHR9:19938469	SSF x LoA	-8,57910896	0,074	0,297
CHR9	2E+07	CHR9:19938471	SSF x LoA	-1,56844053	0,079	0,299
CHR9	2E+07	CHR9:19940124	SSF x LoA	-9,60622803	0,105	0,307
CHR9	2E+07	CHR9:19940231	SSF x LoA	-9,69646106	0,015	0,314
CHR9	2E+07	CHR9:19940233	SSF x LoA	-8,29562782	0,078	0,290
CHR9	2E+07	CHR9:19940244	SSF x LoA	-11,1017436	0,023	0,313
CHR9	2E+07	CHR9:19946686	SSF x LoA	-9,83088336	0,027	0,310
CHR9	2E+07	CHR9:19946689	SSF x LoA	-5,49695591	0,087	0,304
CHR9	2E+07	CHR9:19946712	SSF x LoA	-10,0738378	0,017	0,302
CHR9	2E+07	CHR9:19946771	SSF x LoA	-9,69062041	0,007	0,310
CHR9	2E+07	CHR9:19946816	SSF x LoA	-8,97106394	0,031	0,293
CHR9	2E+07	CHR9:19946828	SSF x LoA	-9,22273301	0,045	0,299

CHR9	2E+07	CHR9:19946842	SSF x LoA	-10,0729499	0,045	0,301
CHR9	2E+07	CHR9:19949435	SSF x LoA	-11,4223376	-0,017	0,317
CHR9	2E+07	CHR9:19949440	SSF x LoA	-8,65296903	-0,009	0,317
CHR9	2E+07	CHR9:19949442	SSF x LoA	-8,65528556	-0,028	0,302
CHR9	2E+07	CHR9:19949461	SSF x LoA	-10,6671171	0,020	0,299
CHR9	2E+07	CHR9:19949473	SSF x LoA	-7,63436644	0,047	0,305
CHR9	2E+07	CHR9:19949500	SSF x LoA	-7,20680507	-0,111	0,308
CHR9	2E+07	CHR9:19949504	SSF x LoA	-9,9995771	-0,104	0,306
CHR9	2E+07	CHR9:19953881	SSF x LoA	-10,766583	0,044	0,301
CHR9	2E+07	CHR9:19956670	SSF x LoA	-9,73416702	0,050	0,308
CHR9	2E+07	CHR9:19956678	SSF x LoA	-7,76237103	0,112	0,301
CHR9	2E+07	CHR9:19956723	SSF x LoA	-7,24074747	0,092	0,315
CHR9	2E+07	CHR9:19964904	SSF x LoA	-10,0811085	-0,065	0,295
CHR9	2E+07	CHR9:19970310	SSF x LoA	5,66066684	0,131	0,320
CHR9	2E+07	CHR9:19970320	SSF x LoA	-9,03268686	-0,063	0,297
CHR9	2E+07	CHR9:19970330	SSF x LoA	-10,0077057	-0,120	0,296
CHR9	2E+07	CHR9:19970524	SSF x LoA	-9,78255046	0,021	0,297
CHR9	1997501	CHR9:1997501	SSF x LoA	-9,07371853	-0,035	0,319
CHR9	1997533	CHR9:1997533	SSF x LoA	-11,0503353	-0,053	0,312
CHR9	1997631	CHR9:1997631	SSF x LoA	-11,5404113	-0,011	0,306
CHR9	2E+07	CHR9:19978041	SSF x LoA	-7,21424457	-0,134	0,310
CHR9	2E+07	CHR9:19978365	SSF x LoA	-7,29333216	-0,102	0,305
CHR9	2E+07	CHR9:19978368	SSF x LoA	-10,8479414	0,042	0,312
CHR9	2E+07	CHR9:19978383	SSF x LoA	-8,72331965	0,121	0,310
CHR9	2E+07	CHR9:19978396	SSF x LoA	-11,0636519	0,034	0,303
CHR9	2E+07	CHR9:19978416	SSF x LoA	-7,9535835	-0,082	0,308
CHR9	2E+07	CHR9:19996934	SSF x LoA	-11,503298	0,030	0,292
CHR9	2E+07	CHR9:19996977	SSF x LoA	-10,9421415	-0,054	0,306
CHR9	2E+07	CHR9:19996997	SSF x LoA	-5,6636106	-0,066	0,304
CHR9	2E+07	CHR9:19997074	SSF x LoA	-11,0325682	-0,143	0,305
CHR9	2E+07	CHR9:19997187	SSF x LoA	-11,4773848	-0,086	0,302
CHR9	2E+07	CHR9:19997204	SSF x LoA	-7,0918529	-0,086	0,295
CHR9	2E+07	CHR9:19997223	SSF x LoA	-10,8433266	-0,102	0,310
CHR9	2E+07	CHR9:20001682	SSF x LoA	-7,05590488	-0,069	0,309
CHR9	2E+07	CHR9:20001822	SSF x LoA	-10,2403572	-0,083	0,303
CHR9	2E+07	CHR9:20001927	SSF x LoA	-8,92650246	-0,049	0,308
CHR9	2E+07	CHR9:20002913	SSF x LoA	-6,48787773	0,104	0,309
CHR9	2E+07	CHR9:20002929	SSF x LoA	-4,39343836	-0,098	0,327
CHR9	2E+07	CHR9:20003025	SSF x LoA	-8,10104347	0,053	0,304
CHR9	2E+07	CHR9:20015591	SSF x LoA	-9,52025088	0,041	0,323
CHR9	2E+07	CHR9:20015637	SSF x LoA	-9,84462728	0,003	0,320
CHR9	2E+07	CHR9:20015652	SSF x LoA	-9,6924953	0,024	0,304
CHR9	2E+07	CHR9:20015668	SSF x LoA	-8,41823572	0,044	0,306
CHR9	2E+07	CHR9:20015746	SSF x LoA	-11,40457	-0,066	0,298
CHR9	2E+07	CHR9:20015748	SSF x LoA	-9,8928348	-0,016	0,312
CHR9	2E+07	CHR9:20015801	SSF x LoA	-9,97500856	-0,161	0,303
CHR9	2E+07	CHR9:20018641	SSF x LoA	-10,818576	0,053	0,312
CHR9	2E+07	CHR9:20018650	SSF x LoA	-9,96370251	-0,041	0,305
CHR9	2E+07	CHR9:20018666	SSF x LoA	-9,51999743	0,041	0,295
CHR9	2002137	CHR9:2002137	SSF x LoA	-7,72638794	0,150	0,297
CHR9	2002420	CHR9:2002420	SSF x LoA	-10,7049822	0,043	0,308
CHR9	2002449	CHR9:2002449	SSF x LoA	0,01748272	-0,024	0,300
CHR9	2E+07	CHR9:20028516	SSF x LoA	-9,87668442	0,039	0,306

CHR9	2E+07	CHR9:20028692	SSF x LoA	-9,92519929	-0,017	0,313
CHR9	2003832	CHR9:2003832	SSF x LoA	-10,3023238	0,012	0,310
CHR9	2003889	CHR9:2003889	SSF x LoA	-5,95093513	0,056	0,317
CHR9	2003920	CHR9:2003920	SSF x LoA	-8,04213368	-0,146	0,304
CHR9	2003956	CHR9:2003956	SSF x LoA	-7,12962549	0,075	0,329
CHR9	2E+07	CHR9:20041620	SSF x LoA	-9,25269988	0,021	0,299
CHR9	2E+07	CHR9:20041711	SSF x LoA	-12,0657814	0,025	0,306
CHR9	2E+07	CHR9:20041718	SSF x LoA	-9,89684996	-0,058	0,310
CHR9	2E+07	CHR9:20045436	SSF x LoA	-8,80727872	0,087	0,318
CHR9	2E+07	CHR9:20045525	SSF x LoA	-7,97931082	-0,132	0,301
CHR9	2E+07	CHR9:20045560	SSF x LoA	-8,54744722	0,126	0,312
CHR9	2E+07	CHR9:20051320	SSF x LoA	-9,50731472	-0,033	0,304
CHR9	2E+07	CHR9:20051487	SSF x LoA	-9,5261656	0,022	0,313
CHR9	2E+07	CHR9:20051627	SSF x LoA	-8,83847929	-0,026	0,310
CHR9	2E+07	CHR9:20058503	SSF x LoA	-9,39588606	0,126	0,301
CHR9	2E+07	CHR9:20058506	SSF x LoA	-8,41081639	0,036	0,309
CHR9	2E+07	CHR9:20058562	SSF x LoA	-9,90680167	-0,045	0,299
CHR9	2E+07	CHR9:20072027	SSF x LoA	-10,4037726	0,038	0,302
CHR9	2E+07	CHR9:20072072	SSF x LoA	-9,83004571	0,039	0,304
CHR9	2E+07	CHR9:20072192	SSF x LoA	-5,50633652	-0,096	0,311
CHR9	2E+07	CHR9:20072205	SSF x LoA	-8,40150567	0,117	0,311
CHR9	2E+07	CHR9:20072216	SSF x LoA	-10,9912729	-0,029	0,312
CHR9	2E+07	CHR9:20077799	SSF x LoA	-8,97411747	0,056	0,292
CHR9	2E+07	CHR9:20077800	SSF x LoA	-10,8010488	-0,058	0,327
CHR9	2E+07	CHR9:20077817	SSF x LoA	-11,3646277	0,070	0,307
CHR9	2E+07	CHR9:20077821	SSF x LoA	-10,6048002	-0,021	0,303
CHR9	2E+07	CHR9:20077864	SSF x LoA	-11,2562003	-0,003	0,293
CHR9	2E+07	CHR9:20078021	SSF x LoA	-9,14594047	-0,083	0,304
CHR9	2008188	CHR9:2008188	SSF x LoA	-8,12763969	0,142	0,297
CHR9	2008233	CHR9:2008233	SSF x LoA	-7,33244417	0,020	0,314
CHR9	2008283	CHR9:2008283	SSF x LoA	-8,2971227	0,003	0,315
CHR9	2008389	CHR9:2008389	SSF x LoA	-11,3391772	-0,042	0,309
CHR9	2008390	CHR9:2008390	SSF x LoA	-10,5596328	-0,091	0,303
CHR9	2008393	CHR9:2008393	SSF x LoA	-4,55726462	-0,041	0,315
CHR9	2008422	CHR9:2008422	SSF x LoA	-8,19066842	0,060	0,295
CHR9	2008423	CHR9:2008423	SSF x LoA	-7,38402089	0,073	0,315
CHR9	2E+07	CHR9:20086929	SSF x LoA	-9,95888435	-0,111	0,313
CHR9	2010017	CHR9:2010017	SSF x LoA	-10,6123438	0,071	0,296
CHR9	2E+07	CHR9:20107070	SSF x LoA	-8,37812028	-0,047	0,319
CHR9	2E+07	CHR9:20107076	SSF x LoA	-7,94229935	0,134	0,295
CHR9	2E+07	CHR9:20107140	SSF x LoA	-12,2370073	-0,009	0,300
CHR9	2E+07	CHR9:20107179	SSF x LoA	-11,0123445	0,003	0,310
CHR9	2E+07	CHR9:20107184	SSF x LoA	-6,7673433	-0,014	0,319
CHR9	2E+07	CHR9:20107285	SSF x LoA	-10,0392971	0,031	0,322
CHR9	2E+07	CHR9:20109761	SSF x LoA	-8,51391345	0,019	0,314
CHR9	2E+07	CHR9:20109790	SSF x LoA	-8,24806128	-0,035	0,307
CHR9	2E+07	CHR9:20109796	SSF x LoA	-10,1199334	0,036	0,318
CHR9	2E+07	CHR9:20109852	SSF x LoA	-9,92587467	-0,112	0,297
CHR9	2E+07	CHR9:20110705	SSF x LoA	-8,45203748	-0,072	0,307
CHR9	2E+07	CHR9:20110739	SSF x LoA	-10,2928585	-0,023	0,306
CHR9	2E+07	CHR9:20110815	SSF x LoA	0,33872844	-0,161	0,300
CHR9	2E+07	CHR9:20110819	SSF x LoA	-1,6416277	-0,156	0,299
CHR9	2E+07	CHR9:20110842	SSF x LoA	-9,11921977	0,005	0,310

CHR9	2E+07	CHR9:20110848	SSF x LoA	-8,21966161	-0,019	0,296
CHR9	2E+07	CHR9:20110857	SSF x LoA	-10,6021819	-0,076	0,309
CHR9	2E+07	CHR9:20118415	SSF x LoA	-8,34334214	0,026	0,310
CHR9	2E+07	CHR9:20118458	SSF x LoA	-11,4011924	0,060	0,306
CHR9	2E+07	CHR9:20120385	SSF x LoA	-6,37145431	-0,043	0,299
CHR9	2E+07	CHR9:20120418	SSF x LoA	-9,39675675	0,088	0,304
CHR9	2E+07	CHR9:20120457	SSF x LoA	-12,4825809	0,024	0,297
CHR9	2E+07	CHR9:20124189	SSF x LoA	-9,91562794	-0,106	0,293
CHR9	2E+07	CHR9:20124247	SSF x LoA	-10,0116042	0,070	0,304
CHR9	2E+07	CHR9:20130714	SSF x LoA	-5,55963198	-0,092	0,302
CHR9	2E+07	CHR9:20149385	SSF x LoA	-8,65269726	0,099	0,295
CHR9	2E+07	CHR9:20149392	SSF x LoA	-9,31080016	-0,029	0,303
CHR9	2E+07	CHR9:20149474	SSF x LoA	-8,57244562	-0,039	0,319
CHR9	2E+07	CHR9:20149498	SSF x LoA	-7,46036814	0,102	0,294
CHR9	2E+07	CHR9:20149528	SSF x LoA	-10,7669055	-0,036	0,310
CHR9	2E+07	CHR9:20149557	SSF x LoA	-11,1281742	0,025	0,325
CHR9	2E+07	CHR9:20158909	SSF x LoA	-9,19137498	0,024	0,320
CHR9	2E+07	CHR9:20159008	SSF x LoA	-9,66486445	0,007	0,309
CHR9	2E+07	CHR9:20159015	SSF x LoA	-9,25436387	-0,007	0,315
CHR9	2E+07	CHR9:20159031	SSF x LoA	-11,3958998	0,037	0,297
CHR9	2E+07	CHR9:20159109	SSF x LoA	-7,51628005	-0,122	0,322
CHR9	2E+07	CHR9:20159130	SSF x LoA	-8,83934538	0,073	0,300
CHR9	2E+07	CHR9:20159131	SSF x LoA	-8,46882772	-0,102	0,312
CHR9	2E+07	CHR9:20159146	SSF x LoA	-4,23303995	-0,090	0,312
CHR9	2E+07	CHR9:20159149	SSF x LoA	-10,5209445	-0,104	0,306
CHR9	2E+07	CHR9:20159237	SSF x LoA	-7,83956236	0,036	0,314
CHR9	2E+07	CHR9:20159403	SSF x LoA	-5,70416633	-0,096	0,310
CHR9	2E+07	CHR9:20159437	SSF x LoA	-3,84120656	0,216	0,292
CHR9	2E+07	CHR9:20159504	SSF x LoA	-11,419279	-0,028	0,312
CHR9	2016233	CHR9:2016233	SSF x LoA	-12,2438448	0,011	0,316
CHR9	2E+07	CHR9:20165894	SSF x LoA	-9,76388067	0,012	0,303
CHR9	2E+07	CHR9:20165934	SSF x LoA	-9,72104285	-0,013	0,329
CHR9	2E+07	CHR9:20165960	SSF x LoA	-10,6340953	-0,019	0,313
CHR9	2E+07	CHR9:20166112	SSF x LoA	-10,1214826	-0,013	0,295
CHR9	2E+07	CHR9:20166133	SSF x LoA	-5,51722763	0,169	0,292
CHR9	2E+07	CHR9:20166203	SSF x LoA	-8,2361713	-0,001	0,311
CHR9	2E+07	CHR9:20166206	SSF x LoA	-9,71760943	-0,066	0,300
CHR9	2E+07	CHR9:20180600	SSF x LoA	-4,6205726	0,081	0,318
CHR9	2E+07	CHR9:20180616	SSF x LoA	-9,57656447	0,059	0,312
CHR9	2E+07	CHR9:20180618	SSF x LoA	-9,0629369	0,065	0,316
CHR9	2E+07	CHR9:20180630	SSF x LoA	-9,66107014	0,081	0,309
CHR9	2E+07	CHR9:20180636	SSF x LoA	-9,74140354	0,081	0,314
CHR9	2E+07	CHR9:20180652	SSF x LoA	-7,74022988	-0,062	0,314
CHR9	2E+07	CHR9:20180672	SSF x LoA	-8,54194315	0,068	0,307
CHR9	2E+07	CHR9:20180978	SSF x LoA	-4,12821977	0,090	0,294
CHR9	2E+07	CHR9:20180979	SSF x LoA	-10,4723987	0,009	0,304
CHR9	2E+07	CHR9:20180988	SSF x LoA	-5,68166336	-0,143	0,300
CHR9	2E+07	CHR9:20180996	SSF x LoA	-7,99942975	-0,166	0,295
CHR9	2E+07	CHR9:20181003	SSF x LoA	-5,02372588	-0,151	0,306
CHR9	2E+07	CHR9:20181011	SSF x LoA	-7,30077508	-0,076	0,306
CHR9	2E+07	CHR9:20181034	SSF x LoA	-8,15762863	0,125	0,300
CHR9	2E+07	CHR9:20184580	SSF x LoA	-8,56658295	0,089	0,310
CHR9	2E+07	CHR9:20184689	SSF x LoA	-9,94025	0,045	0,297

CHR9	2E+07	CHR9:20185155	SSF x LoA	-7,69692209	0,101	0,315
CHR9	2E+07	CHR9:20185177	SSF x LoA	-9,13776884	-0,036	0,295
CHR9	2E+07	CHR9:20188614	SSF x LoA	-7,42199954	-0,079	0,296
CHR9	2E+07	CHR9:20188695	SSF x LoA	-7,33997324	0,003	0,307
CHR9	2019205	CHR9:2019205	SSF x LoA	-11,643927	0,043	0,307
CHR9	2E+07	CHR9:20194121	SSF x LoA	-11,227231	-0,045	0,300
CHR9	2E+07	CHR9:20194173	SSF x LoA	-9,44941909	0,062	0,299
CHR9	2E+07	CHR9:20194188	SSF x LoA	-10,4188432	-0,110	0,306
CHR9	2E+07	CHR9:20194190	SSF x LoA	-8,86652252	-0,045	0,304
CHR9	2E+07	CHR9:20194217	SSF x LoA	-10,7001247	0,018	0,310
CHR9	2E+07	CHR9:20194249	SSF x LoA	-8,59315628	-0,020	0,312
CHR9	2E+07	CHR9:20194284	SSF x LoA	-10,6774487	-0,005	0,299
CHR9	2E+07	CHR9:20198891	SSF x LoA	-7,94289379	0,005	0,299
CHR9	2E+07	CHR9:20198899	SSF x LoA	-11,7974977	0,059	0,302
CHR9	2E+07	CHR9:20212111	SSF x LoA	-3,08034234	0,020	0,285
CHR9	2E+07	CHR9:20212113	SSF x LoA	-10,0286785	-0,067	0,300
CHR9	2E+07	CHR9:20212115	SSF x LoA	-10,4173014	-0,081	0,304
CHR9	2E+07	CHR9:20212116	SSF x LoA	-9,96111993	0,038	0,320
CHR9	2E+07	CHR9:20212135	SSF x LoA	-3,45554617	-0,036	0,292
CHR9	2E+07	CHR9:20212267	SSF x LoA	-11,3353111	0,046	0,305
CHR9	2E+07	CHR9:20212328	SSF x LoA	-12,2115024	0,003	0,298
CHR9	2E+07	CHR9:20212345	SSF x LoA	-9,59472429	0,048	0,300
CHR9	2E+07	CHR9:20212352	SSF x LoA	-5,74529385	-0,212	0,293
CHR9	2E+07	CHR9:20212366	SSF x LoA	-11,7941588	0,002	0,306
CHR9	2021505	CHR9:2021505	SSF x LoA	-6,79372895	-0,024	0,312
CHR9	2021509	CHR9:2021509	SSF x LoA	-10,7483306	-0,012	0,309
CHR9	2021547	CHR9:2021547	SSF x LoA	-6,26509988	-0,188	0,300
CHR9	2021595	CHR9:2021595	SSF x LoA	-9,09529799	-0,075	0,312
CHR9	2021597	CHR9:2021597	SSF x LoA	-9,05552604	0,072	0,299
CHR9	2E+07	CHR9:20222832	SSF x LoA	-10,5618615	-0,068	0,303
CHR9	2E+07	CHR9:20222900	SSF x LoA	-9,28726003	0,090	0,305
CHR9	2E+07	CHR9:20223024	SSF x LoA	-9,63914972	-0,029	0,303
CHR9	2E+07	CHR9:20235230	SSF x LoA	-6,68448916	-0,068	0,313
CHR9	2E+07	CHR9:20238191	SSF x LoA	-8,78266844	0,072	0,303
CHR9	2E+07	CHR9:20238197	SSF x LoA	-7,68238698	0,075	0,315
CHR9	2E+07	CHR9:20238198	SSF x LoA	-7,54061858	0,058	0,313
CHR9	2E+07	CHR9:20238234	SSF x LoA	-7,86822922	-0,049	0,308
CHR9	2E+07	CHR9:20238243	SSF x LoA	-7,66292333	-0,043	0,311
CHR9	2E+07	CHR9:20238278	SSF x LoA	-10,4969165	0,084	0,305
CHR9	2E+07	CHR9:20238312	SSF x LoA	-9,69209737	0,082	0,309
CHR9	2E+07	CHR9:20240412	SSF x LoA	-10,2277398	-0,075	0,311
CHR9	2E+07	CHR9:20241799	SSF x LoA	-8,79604106	0,075	0,296
CHR9	2E+07	CHR9:20241806	SSF x LoA	-6,51243471	0,061	0,317
CHR9	2E+07	CHR9:20241839	SSF x LoA	-8,69400781	0,066	0,304
CHR9	2E+07	CHR9:20241914	SSF x LoA	-8,55032681	0,016	0,306
CHR9	2E+07	CHR9:20247482	SSF x LoA	-9,85396191	0,171	0,297
CHR9	2E+07	CHR9:20247491	SSF x LoA	-9,39889989	0,072	0,304
CHR9	2E+07	CHR9:20247513	SSF x LoA	-11,1582489	-0,003	0,298
CHR9	2E+07	CHR9:20247553	SSF x LoA	-10,6780358	-0,038	0,295
CHR9	2024976	CHR9:2024976	SSF x LoA	-11,5897212	-0,098	0,288
CHR9	2025021	CHR9:2025021	SSF x LoA	-9,59977621	-0,016	0,302
CHR9	2E+07	CHR9:20255002	SSF x LoA	-8,73902558	0,018	0,315
CHR9	2E+07	CHR9:20255194	SSF x LoA	-8,55332902	-0,024	0,302

CHR9	2E+07	CHR9:20265363	SSF x LoA	-10,6031768	-0,022	0,298
CHR9	2E+07	CHR9:20269232	SSF x LoA	-9,51601394	-0,026	0,313
CHR9	2E+07	CHR9:20270159	SSF x LoA	-10,1541832	-0,041	0,322
CHR9	2E+07	CHR9:20270307	SSF x LoA	-9,16020039	-0,059	0,297
CHR9	2E+07	CHR9:20276262	SSF x LoA	-7,89327932	0,174	0,301
CHR9	2E+07	CHR9:20276283	SSF x LoA	-4,99308909	-0,152	0,304
CHR9	2E+07	CHR9:20282437	SSF x LoA	-7,53949804	-0,120	0,292
CHR9	2E+07	CHR9:20287762	SSF x LoA	-8,91872225	-0,079	0,311
CHR9	2E+07	CHR9:20287849	SSF x LoA	-8,62940465	-0,062	0,306
CHR9	2E+07	CHR9:20294226	SSF x LoA	-9,25893356	-0,052	0,314
CHR9	2E+07	CHR9:20294327	SSF x LoA	-7,87643031	0,107	0,303
CHR9	2E+07	CHR9:20294339	SSF x LoA	5,98285265	-0,117	0,309
CHR9	2E+07	CHR9:20295854	SSF x LoA	-9,6172588	-0,033	0,320
CHR9	2E+07	CHR9:20295933	SSF x LoA	-8,42063356	0,040	0,314
CHR9	2E+07	CHR9:20302576	SSF x LoA	-10,3410398	-0,150	0,302
CHR9	2E+07	CHR9:20302638	SSF x LoA	-5,80626116	-0,204	0,309
CHR9	2E+07	CHR9:20302642	SSF x LoA	-4,74680904	-0,206	0,299
CHR9	2E+07	CHR9:20302697	SSF x LoA	-6,0810572	-0,114	0,303
CHR9	2030704	CHR9:2030704	SSF x LoA	-11,783792	-0,035	0,318
CHR9	2030720	CHR9:2030720	SSF x LoA	-10,9432781	0,006	0,314
CHR9	2E+07	CHR9:20307992	SSF x LoA	-10,9506732	-0,037	0,308
CHR9	2E+07	CHR9:20308000	SSF x LoA	-10,5337209	0,017	0,289
CHR9	2E+07	CHR9:20308010	SSF x LoA	-7,29386818	-0,152	0,307
CHR9	2E+07	CHR9:20308043	SSF x LoA	-6,85733069	-0,141	0,324
CHR9	2E+07	CHR9:20308048	SSF x LoA	-11,3672772	-0,019	0,310
CHR9	2E+07	CHR9:20308063	SSF x LoA	-8,29010047	-0,142	0,302
CHR9	2E+07	CHR9:20308093	SSF x LoA	-8,03692401	0,063	0,316
CHR9	2E+07	CHR9:20308216	SSF x LoA	-10,0948586	-0,070	0,301
CHR9	2E+07	CHR9:20308218	SSF x LoA	-9,41177098	-0,071	0,304
CHR9	2E+07	CHR9:20308243	SSF x LoA	-6,33015304	-0,038	0,316
CHR9	2E+07	CHR9:20308290	SSF x LoA	-10,3262386	-0,010	0,307
CHR9	2E+07	CHR9:20318681	SSF x LoA	-8,52617125	0,048	0,310
CHR9	2E+07	CHR9:20318695	SSF x LoA	-1,59957638	0,063	0,311
CHR9	2E+07	CHR9:20318753	SSF x LoA	-7,76303506	-0,134	0,298
CHR9	2E+07	CHR9:20318761	SSF x LoA	-8,40944188	-0,096	0,317
CHR9	2E+07	CHR9:20318838	SSF x LoA	-9,06169606	0,116	0,289
CHR9	2E+07	CHR9:20318862	SSF x LoA	-8,38398448	-0,127	0,316
CHR9	2E+07	CHR9:20326490	SSF x LoA	-10,9854728	0,104	0,311
CHR9	2E+07	CHR9:20326505	SSF x LoA	-11,7330886	0,026	0,297
CHR9	2E+07	CHR9:20329477	SSF x LoA	-8,12879172	0,043	0,310
CHR9	2E+07	CHR9:20341595	SSF x LoA	-9,0954958	-0,035	0,301
CHR9	2E+07	CHR9:20341621	SSF x LoA	-8,99159891	0,068	0,299
CHR9	2E+07	CHR9:20341624	SSF x LoA	-8,56738141	0,030	0,290
CHR9	2E+07	CHR9:20341850	SSF x LoA	-7,63579403	-0,108	0,320
CHR9	2E+07	CHR9:20341854	SSF x LoA	-1,14320305	0,209	0,295
CHR9	2E+07	CHR9:20341879	SSF x LoA	-5,50633312	0,216	0,294
CHR9	2E+07	CHR9:20355395	SSF x LoA	-11,4281531	-0,038	0,301
CHR9	2E+07	CHR9:20355404	SSF x LoA	-11,1730178	-0,066	0,312
CHR9	2E+07	CHR9:20355442	SSF x LoA	-8,91589409	-0,117	0,297
CHR9	2E+07	CHR9:20355481	SSF x LoA	-11,1798986	-0,069	0,316
CHR9	2E+07	CHR9:20355622	SSF x LoA	-9,99877171	-0,051	0,305
CHR9	2E+07	CHR9:20355638	SSF x LoA	-8,05550302	-0,026	0,318
CHR9	2E+07	CHR9:20371285	SSF x LoA	-2,53695054	-0,149	0,304

CHR9	2E+07	CHR9:20371432	SSF x LoA	-8,24477858	0,136	0,299
CHR9	2E+07	CHR9:20371496	SSF x LoA	-11,0436134	-0,019	0,318
CHR9	2E+07	CHR9:20380006	SSF x LoA	-6,28839529	0,147	0,306
CHR9	2E+07	CHR9:20380057	SSF x LoA	-7,74716551	0,151	0,305
CHR9	2E+07	CHR9:20383036	SSF x LoA	-10,2162109	0,081	0,304
CHR9	2E+07	CHR9:20388274	SSF x LoA	-12,4561984	-0,011	0,307
CHR9	2E+07	CHR9:20388298	SSF x LoA	-9,11682647	-0,129	0,302
CHR9	2E+07	CHR9:20388299	SSF x LoA	-7,77103711	-0,086	0,312
CHR9	2E+07	CHR9:20388313	SSF x LoA	-11,015252	0,120	0,302
CHR9	2E+07	CHR9:20388387	SSF x LoA	-7,40487469	0,110	0,301
CHR9	2E+07	CHR9:20388441	SSF x LoA	-7,18655721	-0,095	0,299
CHR9	2E+07	CHR9:20388458	SSF x LoA	-9,31466038	0,035	0,297
CHR9	2E+07	CHR9:20394269	SSF x LoA	-7,49105959	0,125	0,308
CHR9	2E+07	CHR9:20394311	SSF x LoA	-7,15274926	-0,113	0,318
CHR9	2E+07	CHR9:20394318	SSF x LoA	-9,46490517	-0,048	0,306
CHR9	2E+07	CHR9:20394327	SSF x LoA	-10,7403398	-0,035	0,297
CHR9	2E+07	CHR9:20394381	SSF x LoA	-7,65516655	-0,150	0,306
CHR9	2E+07	CHR9:20406168	SSF x LoA	-7,43733095	-0,132	0,286
CHR9	2E+07	CHR9:20406185	SSF x LoA	-10,351977	0,109	0,305
CHR9	2E+07	CHR9:20406201	SSF x LoA	-8,85764936	0,041	0,308
CHR9	2E+07	CHR9:20406588	SSF x LoA	-7,45161679	-0,031	0,297
CHR9	2E+07	CHR9:20408052	SSF x LoA	-11,0910749	0,012	0,310
CHR9	2E+07	CHR9:20408138	SSF x LoA	-7,56442077	0,174	0,292
CHR9	2E+07	CHR9:20408151	SSF x LoA	-6,22503177	0,201	0,291
CHR9	2E+07	CHR9:20408189	SSF x LoA	-8,04010664	-0,061	0,306
CHR9	2E+07	CHR9:20408225	SSF x LoA	-10,792176	-0,025	0,314
CHR9	2E+07	CHR9:20408226	SSF x LoA	-8,49458454	-0,061	0,304
CHR9	2E+07	CHR9:20408270	SSF x LoA	-8,15412951	0,064	0,308
CHR9	2E+07	CHR9:20408308	SSF x LoA	-7,32006082	-0,152	0,311
CHR9	2E+07	CHR9:20410785	SSF x LoA	-6,02496258	-0,099	0,322
CHR9	2E+07	CHR9:20410789	SSF x LoA	-10,6174001	0,005	0,304
CHR9	2E+07	CHR9:20410798	SSF x LoA	-5,06647538	-0,043	0,309
CHR9	2E+07	CHR9:20410925	SSF x LoA	-8,89653624	0,084	0,308
CHR9	2E+07	CHR9:20410934	SSF x LoA	-9,47646054	0,028	0,312
CHR9	2E+07	CHR9:20410940	SSF x LoA	-9,66309489	0,088	0,311
CHR9	2E+07	CHR9:20410941	SSF x LoA	-9,54937488	-0,184	0,293
CHR9	2E+07	CHR9:20410968	SSF x LoA	-9,59658141	-0,005	0,289
CHR9	2E+07	CHR9:20410974	SSF x LoA	-7,78648437	-0,111	0,304
CHR9	2E+07	CHR9:20411028	SSF x LoA	-9,42277687	0,056	0,313
CHR9	2E+07	CHR9:20414314	SSF x LoA	-7,39923339	-0,036	0,305
CHR9	2E+07	CHR9:20415065	SSF x LoA	-8,9776892	-0,082	0,312
CHR9	2E+07	CHR9:20415143	SSF x LoA	-9,04277048	-0,033	0,312
CHR9	2E+07	CHR9:20420645	SSF x LoA	-7,53312238	-0,008	0,319
CHR9	2E+07	CHR9:20420760	SSF x LoA	-6,88154887	0,053	0,308
CHR9	2E+07	CHR9:20432287	SSF x LoA	-10,5941019	0,019	0,311
CHR9	2E+07	CHR9:20432351	SSF x LoA	-9,31091662	0,002	0,308
CHR9	2E+07	CHR9:20432387	SSF x LoA	-5,14808243	0,007	0,310
CHR9	2E+07	CHR9:20439222	SSF x LoA	-5,34305831	0,088	0,321
CHR9	2E+07	CHR9:20439370	SSF x LoA	-11,1094009	0,072	0,312
CHR9	2E+07	CHR9:20443558	SSF x LoA	-10,3006535	-0,035	0,303
CHR9	2E+07	CHR9:20460318	SSF x LoA	-10,2963445	-0,003	0,306
CHR9	2E+07	CHR9:20460331	SSF x LoA	-8,17925503	0,026	0,317
CHR9	2E+07	CHR9:20460412	SSF x LoA	-9,56905159	-0,075	0,310

CHR9	2E+07	CHR9:20460422	SSF x LoA	-8,96027728	0,042	0,301
CHR9	2E+07	CHR9:20460457	SSF x LoA	-7,06214903	0,144	0,303
CHR9	2E+07	CHR9:20460469	SSF x LoA	-10,6917363	0,016	0,299
CHR9	2E+07	CHR9:20460470	SSF x LoA	-11,90566	0,037	0,298
CHR9	2E+07	CHR9:20462914	SSF x LoA	-10,375418	-0,075	0,322
CHR9	2E+07	CHR9:20463017	SSF x LoA	-6,9936961	0,004	0,312
CHR9	2E+07	CHR9:20463073	SSF x LoA	-9,74107774	-0,026	0,302
CHR9	2E+07	CHR9:20463099	SSF x LoA	-9,19412023	0,091	0,304
CHR9	2E+07	CHR9:20463101	SSF x LoA	-8,93377217	-0,041	0,312
CHR9	2E+07	CHR9:20463152	SSF x LoA	-10,4845822	0,086	0,315
CHR9	2E+07	CHR9:20472328	SSF x LoA	-7,27260366	-0,175	0,294
CHR9	2E+07	CHR9:20472370	SSF x LoA	-8,61691297	-0,161	0,298
CHR9	2E+07	CHR9:20472401	SSF x LoA	-7,59781013	-0,093	0,312
CHR9	2E+07	CHR9:20472410	SSF x LoA	-4,01157326	-0,141	0,298
CHR9	2E+07	CHR9:20472440	SSF x LoA	-9,24813471	-0,001	0,298
CHR9	2E+07	CHR9:20475978	SSF x LoA	-10,337421	0,032	0,311
CHR9	2E+07	CHR9:20484716	SSF x LoA	-11,4978959	0,030	0,303
CHR9	2E+07	CHR9:20484821	SSF x LoA	-5,0819194	0,093	0,310
CHR9	2E+07	CHR9:20484831	SSF x LoA	-10,4999071	0,021	0,301
CHR9	2E+07	CHR9:20484859	SSF x LoA	-9,15337344	0,020	0,310
CHR9	2E+07	CHR9:20484870	SSF x LoA	-8,3003353	0,042	0,301
CHR9	2E+07	CHR9:20489792	SSF x LoA	-9,80665924	0,112	0,313
CHR9	2E+07	CHR9:20489851	SSF x LoA	-10,2550717	0,094	0,304
CHR9	2E+07	CHR9:20489874	SSF x LoA	-10,0050857	0,109	0,294
CHR9	2E+07	CHR9:20489890	SSF x LoA	-11,7406929	-0,013	0,297
CHR9	2E+07	CHR9:20489961	SSF x LoA	-9,59000077	-0,016	0,295
CHR9	2E+07	CHR9:20491268	SSF x LoA	-10,5656533	-0,087	0,305
CHR9	2E+07	CHR9:20491425	SSF x LoA	-8,17743297	0,018	0,311
CHR9	2E+07	CHR9:20491453	SSF x LoA	-9,51029606	0,022	0,308
CHR9	2E+07	CHR9:20491482	SSF x LoA	-9,09422692	0,006	0,310
CHR9	2E+07	CHR9:20491493	SSF x LoA	-11,7634666	0,077	0,307
CHR9	20505283	CHR9:20505283	SSF x LoA	-2,1249515	-0,169	0,300
CHR9	20505291	CHR9:20505291	SSF x LoA	-8,39968335	0,097	0,306
CHR9	20505294	CHR9:20505294	SSF x LoA	-7,70007114	0,113	0,293
CHR9	20505295	CHR9:20505295	SSF x LoA	-8,75468957	0,106	0,302
CHR9	20508095	CHR9:20508095	SSF x LoA	-9,61595838	0,076	0,303
CHR9	2051011	CHR9:2051011	SSF x LoA	-8,76266792	0,014	0,305
CHR9	2051033	CHR9:2051033	SSF x LoA	-9,71457315	-0,039	0,317
CHR9	20510527	CHR9:20510527	SSF x LoA	-9,45921707	-0,007	0,302
CHR9	20510548	CHR9:20510548	SSF x LoA	-10,3103366	0,124	0,295
CHR9	20510567	CHR9:20510567	SSF x LoA	-7,59076115	-0,044	0,306
CHR9	20510638	CHR9:20510638	SSF x LoA	-9,36797116	0,021	0,306
CHR9	20510656	CHR9:20510656	SSF x LoA	-5,54725649	0,050	0,299
CHR9	20510660	CHR9:20510660	SSF x LoA	-10,1262464	0,040	0,295
CHR9	20510703	CHR9:20510703	SSF x LoA	-6,25515052	-0,092	0,316
CHR9	2051095	CHR9:2051095	SSF x LoA	-5,47071419	0,084	0,288
CHR9	20511592	CHR9:20511592	SSF x LoA	-11,4761008	-0,068	0,305
CHR9	20511674	CHR9:20511674	SSF x LoA	-7,37544698	-0,045	0,305
CHR9	20511680	CHR9:20511680	SSF x LoA	-9,10073994	-0,120	0,318
CHR9	2051705	CHR9:2051705	SSF x LoA	-8,80739067	0,125	0,307
CHR9	20519131	CHR9:20519131	SSF x LoA	-4,97200941	0,123	0,302
CHR9	20519156	CHR9:20519156	SSF x LoA	-8,6917211	-0,068	0,296
CHR9	20519164	CHR9:20519164	SSF x LoA	-5,47348266	0,090	0,298

CHR9	20519177	CHR9:20519177	SSF x LoA	-9,53192621	0,017	0,304
CHR9	20519234	CHR9:20519234	SSF x LoA	-10,9213984	-0,010	0,310
CHR9	2052350	CHR9:2052350	SSF x LoA	-9,93675814	0,022	0,315
CHR9	2052545	CHR9:2052545	SSF x LoA	-7,88417022	-0,071	0,324
CHR9	20528294	CHR9:20528294	SSF x LoA	-11,8171935	-0,041	0,304
CHR9	20528330	CHR9:20528330	SSF x LoA	-8,08947888	-0,114	0,287
CHR9	20528336	CHR9:20528336	SSF x LoA	-11,741823	0,001	0,314
CHR9	20528342	CHR9:20528342	SSF x LoA	-9,57783534	0,008	0,306
CHR9	20530110	CHR9:20530110	SSF x LoA	-9,56755816	-0,028	0,306
CHR9	20530111	CHR9:20530111	SSF x LoA	-8,63968422	-0,068	0,301
CHR9	20542217	CHR9:20542217	SSF x LoA	-8,78598151	-0,072	0,299
CHR9	20542231	CHR9:20542231	SSF x LoA	-9,09392865	0,062	0,308
CHR9	20542258	CHR9:20542258	SSF x LoA	-2,52862525	-0,013	0,309
CHR9	20542302	CHR9:20542302	SSF x LoA	-10,3713444	0,012	0,313
CHR9	20542359	CHR9:20542359	SSF x LoA	-8,26004534	-0,012	0,306
CHR9	20542370	CHR9:20542370	SSF x LoA	-8,35867307	-0,055	0,310
CHR9	20546993	CHR9:20546993	SSF x LoA	-11,5872623	-0,011	0,307
CHR9	20547094	CHR9:20547094	SSF x LoA	-8,82083984	-0,066	0,309
CHR9	20549244	CHR9:20549244	SSF x LoA	-10,7097992	0,064	0,306
CHR9	20564040	CHR9:20564040	SSF x LoA	-7,6006314	-0,118	0,289
CHR9	20567804	CHR9:20567804	SSF x LoA	-7,57126762	-0,088	0,297
CHR9	20567807	CHR9:20567807	SSF x LoA	-8,74611565	-0,008	0,331
CHR9	20567823	CHR9:20567823	SSF x LoA	-10,8485471	-0,011	0,315
CHR9	20567887	CHR9:20567887	SSF x LoA	-9,46492089	-0,130	0,309
CHR9	20577844	CHR9:20577844	SSF x LoA	-7,68959067	-0,001	0,313
CHR9	20579363	CHR9:20579363	SSF x LoA	-10,2705387	0,050	0,303
CHR9	20595564	CHR9:20595564	SSF x LoA	-5,41648863	0,094	0,307
CHR9	20595580	CHR9:20595580	SSF x LoA	-11,5438023	-0,030	0,314
CHR9	20596409	CHR9:20596409	SSF x LoA	-8,06839499	0,037	0,320
CHR9	20596426	CHR9:20596426	SSF x LoA	-9,226024	-0,037	0,315
CHR9	20596435	CHR9:20596435	SSF x LoA	-8,41788676	0,078	0,295
CHR9	20602647	CHR9:20602647	SSF x LoA	-7,74034761	-0,005	0,317
CHR9	20602648	CHR9:20602648	SSF x LoA	-9,43048576	0,116	0,291
CHR9	20602658	CHR9:20602658	SSF x LoA	-5,20790121	-0,010	0,304
CHR9	2060458	CHR9:2060458	SSF x LoA	-8,66849164	0,063	0,322
CHR9	20605738	CHR9:20605738	SSF x LoA	-10,2233125	0,033	0,312
CHR9	2060574	CHR9:2060574	SSF x LoA	-9,13579199	-0,008	0,306
CHR9	20614725	CHR9:20614725	SSF x LoA	-10,1922588	-0,071	0,310
CHR9	20614982	CHR9:20614982	SSF x LoA	-11,6103885	-0,015	0,310
CHR9	20618531	CHR9:20618531	SSF x LoA	-6,50497127	0,030	0,306
CHR9	2062596	CHR9:2062596	SSF x LoA	-6,09439814	0,138	0,310
CHR9	2062775	CHR9:2062775	SSF x LoA	-10,3582814	-0,031	0,313
CHR9	2062811	CHR9:2062811	SSF x LoA	-11,2439741	0,046	0,315
CHR9	20636879	CHR9:20636879	SSF x LoA	-9,25593577	0,045	0,316
CHR9	20640042	CHR9:20640042	SSF x LoA	-7,53835796	0,140	0,290
CHR9	20640073	CHR9:20640073	SSF x LoA	-6,31727219	0,140	0,293
CHR9	20640085	CHR9:20640085	SSF x LoA	-11,61541	0,060	0,314
CHR9	20641057	CHR9:20641057	SSF x LoA	-9,41218719	-0,038	0,294
CHR9	20641149	CHR9:20641149	SSF x LoA	-9,02672425	-0,146	0,306
CHR9	20641150	CHR9:20641150	SSF x LoA	-10,8758424	-0,129	0,311
CHR9	20641196	CHR9:20641196	SSF x LoA	-10,1911284	-0,111	0,307
CHR9	2064548	CHR9:2064548	SSF x LoA	-10,7946632	-0,062	0,311
CHR9	2064617	CHR9:2064617	SSF x LoA	-7,95630374	-0,114	0,307

CHR9	20651077	CHR9:20651077	SSF x LoA	-4,40648105	-0,143	0,302
CHR9	20651138	CHR9:20651138	SSF x LoA	-8,30678058	-0,156	0,303
CHR9	20651143	CHR9:20651143	SSF x LoA	-9,98062698	0,092	0,302
CHR9	20651241	CHR9:20651241	SSF x LoA	-9,61366861	0,066	0,325
CHR9	20651249	CHR9:20651249	SSF x LoA	-8,16428554	0,079	0,306
CHR9	20651256	CHR9:20651256	SSF x LoA	-10,5426149	-0,019	0,303
CHR9	20652334	CHR9:20652334	SSF x LoA	-7,12601921	-0,060	0,319
CHR9	20654102	CHR9:20654102	SSF x LoA	-6,18934895	-0,145	0,295
CHR9	20654164	CHR9:20654164	SSF x LoA	-10,0796868	-0,108	0,292
CHR9	20664461	CHR9:20664461	SSF x LoA	-9,93155516	-0,066	0,299
CHR9	20665742	CHR9:20665742	SSF x LoA	-9,278871	-0,040	0,299
CHR9	20665814	CHR9:20665814	SSF x LoA	-10,5618942	0,024	0,297
CHR9	20665889	CHR9:20665889	SSF x LoA	-8,75646964	-0,097	0,300
CHR9	20671742	CHR9:20671742	SSF x LoA	-8,83504801	0,023	0,305
CHR9	20671758	CHR9:20671758	SSF x LoA	-9,11631867	0,033	0,309
CHR9	20674255	CHR9:20674255	SSF x LoA	-8,48863267	0,093	0,308
CHR9	20674261	CHR9:20674261	SSF x LoA	-8,89863392	0,109	0,304
CHR9	20683187	CHR9:20683187	SSF x LoA	-7,74838908	-0,068	0,311
CHR9	20683306	CHR9:20683306	SSF x LoA	-8,04483135	0,022	0,312
CHR9	20683622	CHR9:20683622	SSF x LoA	-6,25545042	0,080	0,314
CHR9	20690308	CHR9:20690308	SSF x LoA	-11,0102116	-0,022	0,314
CHR9	20690311	CHR9:20690311	SSF x LoA	-10,2282437	0,056	0,291
CHR9	20690326	CHR9:20690326	SSF x LoA	-8,21548726	0,066	0,298
CHR9	2069494	CHR9:2069494	SSF x LoA	-6,6284515	-0,030	0,297
CHR9	2069503	CHR9:2069503	SSF x LoA	-8,74693097	-0,014	0,317
CHR9	2069506	CHR9:2069506	SSF x LoA	-9,0694133	0,001	0,308
CHR9	2069532	CHR9:2069532	SSF x LoA	-6,68637488	0,105	0,310
CHR9	2069567	CHR9:2069567	SSF x LoA	-8,95468244	0,084	0,296
CHR9	2069584	CHR9:2069584	SSF x LoA	-10,1848478	-0,005	0,301
CHR9	2069615	CHR9:2069615	SSF x LoA	-10,5032073	-0,091	0,308
CHR9	20700698	CHR9:20700698	SSF x LoA	-9,91924205	-0,145	0,306
CHR9	20718328	CHR9:20718328	SSF x LoA	-11,1965054	0,042	0,311
CHR9	20723255	CHR9:20723255	SSF x LoA	-8,68195669	-0,112	0,303
CHR9	20723273	CHR9:20723273	SSF x LoA	-9,58030497	0,022	0,304
CHR9	20723295	CHR9:20723295	SSF x LoA	-7,09076465	-0,101	0,292
CHR9	20723297	CHR9:20723297	SSF x LoA	-7,46657643	-0,101	0,302
CHR9	20723345	CHR9:20723345	SSF x LoA	-8,59574048	-0,058	0,299
CHR9	2072519	CHR9:2072519	SSF x LoA	-7,55836081	0,171	0,304
CHR9	2072585	CHR9:2072585	SSF x LoA	-8,24191367	0,047	0,307
CHR9	2072601	CHR9:2072601	SSF x LoA	-10,0073784	-0,030	0,320
CHR9	20727736	CHR9:20727736	SSF x LoA	-9,4290019	0,001	0,317
CHR9	20728668	CHR9:20728668	SSF x LoA	-8,05858196	0,025	0,317
CHR9	20756097	CHR9:20756097	SSF x LoA	-8,28946886	-0,009	0,312
CHR9	20759514	CHR9:20759514	SSF x LoA	-10,5653843	0,013	0,314
CHR9	20762458	CHR9:20762458	SSF x LoA	-9,29332972	-0,069	0,307
CHR9	20762534	CHR9:20762534	SSF x LoA	-9,76504696	0,127	0,308
CHR9	20771648	CHR9:20771648	SSF x LoA	-9,64195316	-0,034	0,302
CHR9	20771757	CHR9:20771757	SSF x LoA	-3,12708569	0,048	0,306
CHR9	20777416	CHR9:20777416	SSF x LoA	-11,3935928	-0,034	0,312
CHR9	20777510	CHR9:20777510	SSF x LoA	-10,2105342	0,034	0,307
CHR9	20777523	CHR9:20777523	SSF x LoA	-6,56290461	0,129	0,300
CHR9	20777612	CHR9:20777612	SSF x LoA	-9,55831851	0,005	0,307
CHR9	20777617	CHR9:20777617	SSF x LoA	-11,9366339	-0,079	0,304

CHR9	20787897	CHR9:20787897	SSF x LoA	-10,0403462	-0,074	0,300
CHR9	20787901	CHR9:20787901	SSF x LoA	-11,7635378	-0,030	0,294
CHR9	20805502	CHR9:20805502	SSF x LoA	-11,9663381	-0,028	0,308
CHR9	20816570	CHR9:20816570	SSF x LoA	-9,11777062	-0,109	0,286
CHR9	20822329	CHR9:20822329	SSF x LoA	-8,02771101	-0,031	0,312
CHR9	20822360	CHR9:20822360	SSF x LoA	-9,55263808	-0,042	0,314
CHR9	20822397	CHR9:20822397	SSF x LoA	-10,4549061	0,032	0,287
CHR9	20834165	CHR9:20834165	SSF x LoA	-9,82706118	0,034	0,304
CHR9	20834173	CHR9:20834173	SSF x LoA	-11,4979028	0,024	0,298
CHR9	20834734	CHR9:20834734	SSF x LoA	-7,33725008	-0,048	0,313
CHR9	20834795	CHR9:20834795	SSF x LoA	-8,45673543	-0,049	0,317
CHR9	20834804	CHR9:20834804	SSF x LoA	-8,7226027	-0,104	0,308
CHR9	20837702	CHR9:20837702	SSF x LoA	-10,2001134	-0,080	0,303
CHR9	20842157	CHR9:20842157	SSF x LoA	-8,71859914	0,068	0,298
CHR9	20845126	CHR9:20845126	SSF x LoA	-8,49770407	-0,085	0,311
CHR9	20845134	CHR9:20845134	SSF x LoA	-5,82573274	-0,145	0,302
CHR9	20845137	CHR9:20845137	SSF x LoA	-8,35849767	0,067	0,308
CHR9	20845199	CHR9:20845199	SSF x LoA	-10,9249551	0,042	0,297
CHR9	20845201	CHR9:20845201	SSF x LoA	-3,57659203	-0,111	0,310
CHR9	20848459	CHR9:20848459	SSF x LoA	-11,0706638	0,033	0,300
CHR9	20848785	CHR9:20848785	SSF x LoA	-8,8135868	0,081	0,312
CHR9	20851625	CHR9:20851625	SSF x LoA	-11,0755842	0,044	0,303
CHR9	20851744	CHR9:20851744	SSF x LoA	-8,07329461	-0,108	0,298
CHR9	20856397	CHR9:20856397	SSF x LoA	-7,69736767	-0,041	0,328
CHR9	20856441	CHR9:20856441	SSF x LoA	-8,89269099	-0,059	0,294
CHR9	20856483	CHR9:20856483	SSF x LoA	-7,73115676	0,020	0,309
CHR9	20856578	CHR9:20856578	SSF x LoA	-10,045704	-0,053	0,312
CHR9	20859107	CHR9:20859107	SSF x LoA	-7,50708918	-0,033	0,316
CHR9	20859159	CHR9:20859159	SSF x LoA	-9,82653796	-0,064	0,300
CHR9	20859167	CHR9:20859167	SSF x LoA	-11,4315564	0,063	0,300
CHR9	20866904	CHR9:20866904	SSF x LoA	-11,3077711	-0,034	0,304
CHR9	20869607	CHR9:20869607	SSF x LoA	-11,5695371	-0,030	0,297
CHR9	20869608	CHR9:20869608	SSF x LoA	-6,59225089	-0,077	0,316
CHR9	20869610	CHR9:20869610	SSF x LoA	-8,91224365	-0,103	0,312
CHR9	20869625	CHR9:20869625	SSF x LoA	-10,4570829	-0,087	0,315
CHR9	20874464	CHR9:20874464	SSF x LoA	-8,25938037	0,056	0,307
CHR9	20874471	CHR9:20874471	SSF x LoA	-5,97490784	0,053	0,321
CHR9	20876367	CHR9:20876367	SSF x LoA	-9,10471412	0,065	0,306
CHR9	20876405	CHR9:20876405	SSF x LoA	-5,94496504	-0,048	0,314
CHR9	20876407	CHR9:20876407	SSF x LoA	-9,89070751	0,069	0,305
CHR9	20878924	CHR9:20878924	SSF x LoA	-6,7358431	0,196	0,289
CHR9	20879030	CHR9:20879030	SSF x LoA	-7,83742261	-0,083	0,307
CHR9	20879047	CHR9:20879047	SSF x LoA	-6,04040626	0,176	0,293
CHR9	20891212	CHR9:20891212	SSF x LoA	-9,85631097	0,103	0,303
CHR9	20892684	CHR9:20892684	SSF x LoA	-11,2196003	0,062	0,296
CHR9	20911971	CHR9:20911971	SSF x LoA	-9,26262727	-0,114	0,294
CHR9	20940876	CHR9:20940876	SSF x LoA	-10,2939205	-0,036	0,306
CHR9	20940957	CHR9:20940957	SSF x LoA	-10,1745489	0,017	0,295
CHR9	20943010	CHR9:20943010	SSF x LoA	-6,93505035	-0,108	0,304
CHR9	20964089	CHR9:20964089	SSF x LoA	-8,10744	-0,138	0,308
CHR9	20964105	CHR9:20964105	SSF x LoA	0,57563283	-0,182	0,279
CHR9	20967294	CHR9:20967294	SSF x LoA	-10,7565173	0,016	0,318
CHR9	2097520	CHR9:2097520	SSF x LoA	-9,57092278	-0,010	0,311

CHR9	2097601	CHR9:2097601	SSF x LoA	-4,3888028	0,007	0,316
CHR9	2097612	CHR9:2097612	SSF x LoA	-7,19095918	-0,087	0,307
CHR9	2097641	CHR9:2097641	SSF x LoA	-8,2402922	0,011	0,317
CHR9	2097671	CHR9:2097671	SSF x LoA	-6,87233454	0,119	0,316
CHR9	2097673	CHR9:2097673	SSF x LoA	-8,52381813	-0,065	0,299
CHR9	2097677	CHR9:2097677	SSF x LoA	-6,65786874	0,094	0,311
CHR9	2097683	CHR9:2097683	SSF x LoA	-8,33016135	0,086	0,318
CHR9	2097687	CHR9:2097687	SSF x LoA	-10,4630139	0,057	0,309
CHR9	2097731	CHR9:2097731	SSF x LoA	-10,3375726	0,015	0,302
CHR9	20978992	CHR9:20978992	SSF x LoA	-9,50650506	-0,054	0,298
CHR9	20979159	CHR9:20979159	SSF x LoA	-10,4551297	0,047	0,296
CHR9	20979255	CHR9:20979255	SSF x LoA	-9,68668109	-0,034	0,311
CHR9	20979256	CHR9:20979256	SSF x LoA	-9,29142742	-0,024	0,300
CHR9	20984267	CHR9:20984267	SSF x LoA	-8,17591642	0,067	0,309
CHR9	20984272	CHR9:20984272	SSF x LoA	-7,89651803	0,063	0,315
CHR9	20984275	CHR9:20984275	SSF x LoA	-8,8335765	0,069	0,315
CHR9	20984428	CHR9:20984428	SSF x LoA	-11,1165104	-0,085	0,288
CHR9	20984430	CHR9:20984430	SSF x LoA	-8,93933181	-0,027	0,308
CHR9	2098775	CHR9:2098775	SSF x LoA	-6,69893852	0,092	0,294
CHR9	2098886	CHR9:2098886	SSF x LoA	-8,41826126	0,119	0,297
CHR9	20989602	CHR9:20989602	SSF x LoA	-11,0947464	0,035	0,315
CHR9	20994062	CHR9:20994062	SSF x LoA	-7,87495014	-0,069	0,299
CHR9	20994132	CHR9:20994132	SSF x LoA	-10,1353717	-0,146	0,304
CHR9	21000220	CHR9:21000220	SSF x LoA	-8,4777732	-0,103	0,308
CHR9	21000228	CHR9:21000228	SSF x LoA	-9,96124189	0,002	0,305
CHR9	21006723	CHR9:21006723	SSF x LoA	-9,04761251	0,089	0,299
CHR9	21006748	CHR9:21006748	SSF x LoA	-11,2962239	-0,057	0,306
CHR9	21006801	CHR9:21006801	SSF x LoA	-8,71100907	0,022	0,311
CHR9	21006803	CHR9:21006803	SSF x LoA	-9,20185298	-0,089	0,304
CHR9	21006821	CHR9:21006821	SSF x LoA	-8,73180321	-0,072	0,321
CHR9	21014588	CHR9:21014588	SSF x LoA	-10,1687322	0,083	0,300
CHR9	21020256	CHR9:21020256	SSF x LoA	-10,3111551	-0,014	0,313
CHR9	21023603	CHR9:21023603	SSF x LoA	-9,22354602	-0,058	0,302
CHR9	21023617	CHR9:21023617	SSF x LoA	-9,90744067	-0,081	0,314
CHR9	21023651	CHR9:21023651	SSF x LoA	-9,66643637	-0,037	0,317
CHR9	21023656	CHR9:21023656	SSF x LoA	-7,27146401	0,128	0,304
CHR9	21023668	CHR9:21023668	SSF x LoA	5,15419175	0,167	0,318
CHR9	21023703	CHR9:21023703	SSF x LoA	-8,54957395	-0,021	0,313
CHR9	21025567	CHR9:21025567	SSF x LoA	-9,44192031	0,076	0,294
CHR9	21025688	CHR9:21025688	SSF x LoA	-7,12490544	-0,156	0,293
CHR9	21040467	CHR9:21040467	SSF x LoA	-8,36535228	-0,041	0,320
CHR9	21050399	CHR9:21050399	SSF x LoA	-9,14248483	-0,111	0,308
CHR9	21051368	CHR9:21051368	SSF x LoA	-8,87118833	-0,126	0,310
CHR9	21051399	CHR9:21051399	SSF x LoA	-9,1447306	-0,006	0,319
CHR9	21051421	CHR9:21051421	SSF x LoA	-11,1304891	-0,100	0,280
CHR9	21064383	CHR9:21064383	SSF x LoA	-8,0078135	0,042	0,293
CHR9	21073393	CHR9:21073393	SSF x LoA	-10,4656031	-0,055	0,314
CHR9	21073435	CHR9:21073435	SSF x LoA	-8,21846749	0,098	0,302
CHR9	21078625	CHR9:21078625	SSF x LoA	-7,27425539	0,160	0,306
CHR9	21078678	CHR9:21078678	SSF x LoA	-6,70424647	0,127	0,316
CHR9	21078679	CHR9:21078679	SSF x LoA	-8,53986147	0,045	0,316
CHR9	21081230	CHR9:21081230	SSF x LoA	-7,87934362	0,020	0,308
CHR9	2108148	CHR9:2108148	SSF x LoA	-9,5743384	0,015	0,308

CHR9	2108200	CHR9:2108200	SSF x LoA	-9,80175837	-0,014	0,311
CHR9	2108212	CHR9:2108212	SSF x LoA	-9,6927999	-0,003	0,311
CHR9	2108214	CHR9:2108214	SSF x LoA	-8,84939241	-0,011	0,314
CHR9	2108219	CHR9:2108219	SSF x LoA	-9,43747448	0,046	0,317
CHR9	2108221	CHR9:2108221	SSF x LoA	-10,5168564	-0,003	0,297
CHR9	21084754	CHR9:21084754	SSF x LoA	-9,17306933	0,123	0,286
CHR9	21085030	CHR9:21085030	SSF x LoA	-8,42173777	0,032	0,315
CHR9	21085046	CHR9:21085046	SSF x LoA	-9,77798741	-0,004	0,325
CHR9	21090883	CHR9:21090883	SSF x LoA	-8,39369083	-0,004	0,309
CHR9	21090908	CHR9:21090908	SSF x LoA	-9,40840322	-0,017	0,301
CHR9	21090910	CHR9:21090910	SSF x LoA	-9,44106447	0,007	0,296
CHR9	21090924	CHR9:21090924	SSF x LoA	-7,90715688	0,126	0,314
CHR9	21090932	CHR9:21090932	SSF x LoA	-6,13916682	-0,148	0,286
CHR9	21095691	CHR9:21095691	SSF x LoA	-10,0712995	0,053	0,295
CHR9	21124703	CHR9:21124703	SSF x LoA	-9,82469842	-0,012	0,298
CHR9	21124717	CHR9:21124717	SSF x LoA	-11,1763182	0,002	0,308
CHR9	21124765	CHR9:21124765	SSF x LoA	-3,85445352	0,009	0,329
CHR9	21124845	CHR9:21124845	SSF x LoA	-8,05828615	0,040	0,302
CHR9	2112530	CHR9:2112530	SSF x LoA	-11,296689	0,105	0,300
CHR9	2112590	CHR9:2112590	SSF x LoA	-4,74564724	-0,071	0,308
CHR9	2112656	CHR9:2112656	SSF x LoA	-7,70901479	-0,023	0,312
CHR9	2112671	CHR9:2112671	SSF x LoA	-9,78364444	0,030	0,308
CHR9	21133048	CHR9:21133048	SSF x LoA	-10,7059645	0,011	0,307
CHR9	21139811	CHR9:21139811	SSF x LoA	-8,14437256	0,039	0,303
CHR9	21143819	CHR9:21143819	SSF x LoA	-11,5149893	-0,116	0,288
CHR9	21143846	CHR9:21143846	SSF x LoA	-11,2180158	-0,005	0,309
CHR9	21149635	CHR9:21149635	SSF x LoA	-10,7604182	0,145	0,299
CHR9	21149684	CHR9:21149684	SSF x LoA	-9,40912518	-0,091	0,307
CHR9	21156583	CHR9:21156583	SSF x LoA	-9,14475506	0,004	0,291
CHR9	21156593	CHR9:21156593	SSF x LoA	-11,1086852	0,133	0,300
CHR9	21156616	CHR9:21156616	SSF x LoA	-8,99281148	0,070	0,302
CHR9	21156655	CHR9:21156655	SSF x LoA	-7,83058673	0,013	0,307
CHR9	21156658	CHR9:21156658	SSF x LoA	-9,45052542	-0,086	0,300
CHR9	21156669	CHR9:21156669	SSF x LoA	-11,5730743	0,029	0,284
CHR9	2116286	CHR9:2116286	SSF x LoA	-9,42283648	0,125	0,303
CHR9	21163528	CHR9:21163528	SSF x LoA	-9,22464418	0,078	0,308
CHR9	2116421	CHR9:2116421	SSF x LoA	-8,34506013	0,001	0,324
CHR9	2116529	CHR9:2116529	SSF x LoA	-8,25646207	0,024	0,315
CHR9	2116597	CHR9:2116597	SSF x LoA	-11,4148528	-0,002	0,304
CHR9	21171459	CHR9:21171459	SSF x LoA	-9,79751116	-0,082	0,301
CHR9	21171505	CHR9:21171505	SSF x LoA	-10,5760318	0,047	0,316
CHR9	21171513	CHR9:21171513	SSF x LoA	-9,22047756	-0,012	0,310
CHR9	2118586	CHR9:2118586	SSF x LoA	-11,5025827	0,048	0,304
CHR9	2118625	CHR9:2118625	SSF x LoA	-7,62051669	0,077	0,311
CHR9	2118647	CHR9:2118647	SSF x LoA	-8,36403562	0,031	0,315
CHR9	21189833	CHR9:21189833	SSF x LoA	-8,19992244	0,130	0,312
CHR9	21189838	CHR9:21189838	SSF x LoA	-9,02950602	-0,104	0,311
CHR9	21189844	CHR9:21189844	SSF x LoA	-11,1973883	-0,094	0,300
CHR9	21189881	CHR9:21189881	SSF x LoA	-9,70893869	-0,088	0,302
CHR9	21189889	CHR9:21189889	SSF x LoA	-10,5769779	-0,056	0,296
CHR9	21189904	CHR9:21189904	SSF x LoA	-10,6827339	-0,042	0,294
CHR9	21189911	CHR9:21189911	SSF x LoA	-6,21935679	-0,094	0,300
CHR9	21195345	CHR9:21195345	SSF x LoA	-9,99830116	-0,042	0,301

CHR9	21195383	CHR9:21195383	SSF x LoA	-4,3121625	0,070	0,306
CHR9	21198057	CHR9:21198057	SSF x LoA	-6,20399282	0,210	0,289
CHR9	2119887	CHR9:2119887	SSF x LoA	-10,4555308	-0,007	0,306
CHR9	2119929	CHR9:2119929	SSF x LoA	-9,92001961	0,002	0,319
CHR9	21204046	CHR9:21204046	SSF x LoA	-9,17260219	-0,114	0,294
CHR9	21204050	CHR9:21204050	SSF x LoA	-10,6891108	-0,087	0,308
CHR9	21204052	CHR9:21204052	SSF x LoA	-7,54988556	0,041	0,301
CHR9	21204102	CHR9:21204102	SSF x LoA	-8,225745	0,074	0,299
CHR9	21204103	CHR9:21204103	SSF x LoA	-12,5029861	-0,025	0,292
CHR9	21204119	CHR9:21204119	SSF x LoA	-9,15309953	-0,019	0,312
CHR9	21204128	CHR9:21204128	SSF x LoA	-9,77850698	-0,030	0,306
CHR9	21204132	CHR9:21204132	SSF x LoA	-5,18292591	0,044	0,295
CHR9	21204144	CHR9:21204144	SSF x LoA	-10,5597199	-0,045	0,316
CHR9	21204166	CHR9:21204166	SSF x LoA	-9,0850479	0,053	0,301
CHR9	21205616	CHR9:21205616	SSF x LoA	-7,51957196	-0,065	0,319
CHR9	21214947	CHR9:21214947	SSF x LoA	-10,6296688	-0,096	0,297
CHR9	21214949	CHR9:21214949	SSF x LoA	-8,76376075	0,119	0,306
CHR9	21219199	CHR9:21219199	SSF x LoA	-10,6524163	-0,003	0,309
CHR9	21221639	CHR9:21221639	SSF x LoA	6,71753134	-0,029	0,287
CHR9	21222590	CHR9:21222590	SSF x LoA	-7,09719226	-0,029	0,302
CHR9	21224423	CHR9:21224423	SSF x LoA	-8,1744825	0,089	0,303
CHR9	21224534	CHR9:21224534	SSF x LoA	-11,847385	0,044	0,301
CHR9	21243518	CHR9:21243518	SSF x LoA	-11,5323534	-0,083	0,299
CHR9	21254275	CHR9:21254275	SSF x LoA	-11,3750717	0,049	0,306
CHR9	21254281	CHR9:21254281	SSF x LoA	-6,81575724	0,098	0,306
CHR9	21254290	CHR9:21254290	SSF x LoA	-10,1017167	0,060	0,300
CHR9	21254318	CHR9:21254318	SSF x LoA	-10,0324318	0,004	0,316
CHR9	21258161	CHR9:21258161	SSF x LoA	-10,3085634	-0,033	0,298
CHR9	21258196	CHR9:21258196	SSF x LoA	-7,14907872	0,102	0,299
CHR9	21258599	CHR9:21258599	SSF x LoA	-10,5618922	-0,005	0,313
CHR9	21258639	CHR9:21258639	SSF x LoA	-10,7672809	0,045	0,311
CHR9	21262314	CHR9:21262314	SSF x LoA	-10,0797873	0,102	0,283
CHR9	21262505	CHR9:21262505	SSF x LoA	-8,95567569	-0,077	0,315
CHR9	21264356	CHR9:21264356	SSF x LoA	-10,2847859	0,040	0,290
CHR9	21264358	CHR9:21264358	SSF x LoA	-6,78722768	-0,115	0,306
CHR9	21264381	CHR9:21264381	SSF x LoA	-9,85699646	0,038	0,308
CHR9	21264410	CHR9:21264410	SSF x LoA	-9,41653603	-0,014	0,309
CHR9	21264417	CHR9:21264417	SSF x LoA	-8,1746244	0,009	0,308
CHR9	21264418	CHR9:21264418	SSF x LoA	-8,32459397	-0,003	0,299
CHR9	21264421	CHR9:21264421	SSF x LoA	0,33162495	0,084	0,316
CHR9	21264424	CHR9:21264424	SSF x LoA	-9,18604699	0,061	0,307
CHR9	21264437	CHR9:21264437	SSF x LoA	-10,1891285	0,001	0,314
CHR9	21264454	CHR9:21264454	SSF x LoA	-7,30908489	-0,125	0,293
CHR9	21264458	CHR9:21264458	SSF x LoA	-8,63917407	-0,034	0,293
CHR9	21264521	CHR9:21264521	SSF x LoA	-8,54664596	0,051	0,305
CHR9	21269366	CHR9:21269366	SSF x LoA	-7,37376481	0,066	0,305
CHR9	21269367	CHR9:21269367	SSF x LoA	-9,08539779	0,028	0,307
CHR9	21269370	CHR9:21269370	SSF x LoA	-9,32885865	0,048	0,307
CHR9	21286747	CHR9:21286747	SSF x LoA	-8,69937677	0,006	0,310
CHR9	21286757	CHR9:21286757	SSF x LoA	-11,2710987	-0,002	0,302
CHR9	21286776	CHR9:21286776	SSF x LoA	-2,44432626	0,177	0,290
CHR9	21286927	CHR9:21286927	SSF x LoA	-6,9013283	0,091	0,314
CHR9	2128822	CHR9:2128822	SSF x LoA	-10,7897732	0,028	0,302

CHR9	2128836	CHR9:2128836	SSF x LoA	-10,5350065	0,004	0,307
CHR9	21293825	CHR9:21293825	SSF x LoA	-8,09599194	0,070	0,312
CHR9	21294040	CHR9:21294040	SSF x LoA	-10,0205451	0,013	0,308
CHR9	21302266	CHR9:21302266	SSF x LoA	-12,2277382	0,061	0,292
CHR9	21302345	CHR9:21302345	SSF x LoA	-10,534662	-0,035	0,303
CHR9	21302351	CHR9:21302351	SSF x LoA	-5,05277001	-0,179	0,302
CHR9	21306909	CHR9:21306909	SSF x LoA	-8,37395671	0,018	0,309
CHR9	21307024	CHR9:21307024	SSF x LoA	-9,18803803	0,074	0,300
CHR9	21307027	CHR9:21307027	SSF x LoA	-8,94404555	0,063	0,308
CHR9	21307057	CHR9:21307057	SSF x LoA	-8,73696178	-0,057	0,322
CHR9	21307108	CHR9:21307108	SSF x LoA	-8,13536232	-0,152	0,308
CHR9	21307109	CHR9:21307109	SSF x LoA	-5,38239902	-0,137	0,304
CHR9	21307140	CHR9:21307140	SSF x LoA	-12,2393015	0,011	0,317
CHR9	21307148	CHR9:21307148	SSF x LoA	-8,36989648	0,105	0,302
CHR9	21307149	CHR9:21307149	SSF x LoA	-9,16346867	0,052	0,300
CHR9	21307152	CHR9:21307152	SSF x LoA	-8,3840667	0,090	0,309
CHR9	21328100	CHR9:21328100	SSF x LoA	-8,88137565	0,038	0,300
CHR9	21328101	CHR9:21328101	SSF x LoA	-5,13241414	0,036	0,301
CHR9	21328129	CHR9:21328129	SSF x LoA	-9,47303385	-0,045	0,302
CHR9	21328142	CHR9:21328142	SSF x LoA	-9,37937937	0,169	0,303
CHR9	21328164	CHR9:21328164	SSF x LoA	-7,00448634	0,138	0,298
CHR9	21328167	CHR9:21328167	SSF x LoA	-10,3086661	-0,010	0,308
CHR9	21328175	CHR9:21328175	SSF x LoA	-9,68308746	0,016	0,315
CHR9	21328198	CHR9:21328198	SSF x LoA	-8,50745246	-0,010	0,303
CHR9	21328203	CHR9:21328203	SSF x LoA	-11,0750275	-0,022	0,308
CHR9	21328226	CHR9:21328226	SSF x LoA	-8,60694152	0,107	0,301
CHR9	21341904	CHR9:21341904	SSF x LoA	-2,4561678	0,153	0,324
CHR9	21352381	CHR9:21352381	SSF x LoA	-10,4740147	-0,064	0,306
CHR9	21352384	CHR9:21352384	SSF x LoA	-5,66482463	-0,040	0,317
CHR9	21352394	CHR9:21352394	SSF x LoA	-7,52251958	-0,153	0,306
CHR9	21352414	CHR9:21352414	SSF x LoA	-5,7964921	0,139	0,298
CHR9	21352717	CHR9:21352717	SSF x LoA	-11,3602712	0,066	0,310
CHR9	213576	CHR9:213576	SSF x LoA	-10,4100303	0,087	0,303
CHR9	21360230	CHR9:21360230	SSF x LoA	-11,7259822	0,101	0,304
CHR9	21360285	CHR9:21360285	SSF x LoA	-5,33433554	0,044	0,295
CHR9	21360292	CHR9:21360292	SSF x LoA	-9,88385149	0,061	0,285
CHR9	21360561	CHR9:21360561	SSF x LoA	-10,4155186	-0,021	0,310
CHR9	2136547	CHR9:2136547	SSF x LoA	-10,3273404	0,051	0,300
CHR9	21365516	CHR9:21365516	SSF x LoA	-7,66157558	-0,029	0,313
CHR9	21370840	CHR9:21370840	SSF x LoA	-8,70381884	0,093	0,300
CHR9	21370852	CHR9:21370852	SSF x LoA	-12,2316754	-0,067	0,295
CHR9	21370923	CHR9:21370923	SSF x LoA	-8,55649514	0,084	0,295
CHR9	21370925	CHR9:21370925	SSF x LoA	-9,20817854	0,049	0,309
CHR9	21371020	CHR9:21371020	SSF x LoA	-7,78524786	0,063	0,306
CHR9	21371085	CHR9:21371085	SSF x LoA	-8,96303371	-0,008	0,313
CHR9	21373995	CHR9:21373995	SSF x LoA	-9,58677877	-0,024	0,285
CHR9	21380506	CHR9:21380506	SSF x LoA	-7,83595636	0,103	0,313
CHR9	21380539	CHR9:21380539	SSF x LoA	-7,21814022	-0,123	0,323
CHR9	21410997	CHR9:21410997	SSF x LoA	-10,6644439	0,002	0,304
CHR9	21416039	CHR9:21416039	SSF x LoA	-7,85253353	-0,132	0,298
CHR9	21416116	CHR9:21416116	SSF x LoA	-8,28543893	0,033	0,321
CHR9	21416150	CHR9:21416150	SSF x LoA	-8,32566605	0,057	0,316
CHR9	21417058	CHR9:21417058	SSF x LoA	-8,18599341	0,107	0,305

CHR9	21418349	CHR9:21418349	SSF x LoA	-7,27960052	-0,064	0,309
CHR9	21423884	CHR9:21423884	SSF x LoA	-8,09076321	0,074	0,302
CHR9	21424010	CHR9:21424010	SSF x LoA	3,21881066	0,149	0,305
CHR9	21426536	CHR9:21426536	SSF x LoA	-9,2968894	0,074	0,305
CHR9	21426537	CHR9:21426537	SSF x LoA	-7,68677843	0,043	0,304
CHR9	21426638	CHR9:21426638	SSF x LoA	-10,2860321	0,033	0,300
CHR9	21435571	CHR9:21435571	SSF x LoA	-9,2567619	-0,011	0,295
CHR9	21435572	CHR9:21435572	SSF x LoA	-4,67211745	0,065	0,304
CHR9	21435587	CHR9:21435587	SSF x LoA	-9,97458345	0,097	0,299
CHR9	21435588	CHR9:21435588	SSF x LoA	-8,04497483	0,074	0,299
CHR9	21435589	CHR9:21435589	SSF x LoA	-4,72165789	0,018	0,315
CHR9	21435628	CHR9:21435628	SSF x LoA	-8,14999932	-0,057	0,310
CHR9	21435629	CHR9:21435629	SSF x LoA	-9,19236477	0,056	0,317
CHR9	21435641	CHR9:21435641	SSF x LoA	-10,4797137	-0,040	0,308
CHR9	21435667	CHR9:21435667	SSF x LoA	-7,1979478	0,028	0,315
CHR9	21435682	CHR9:21435682	SSF x LoA	-7,87853467	0,001	0,310
CHR9	21435769	CHR9:21435769	SSF x LoA	-10,3818509	0,061	0,315
CHR9	21435822	CHR9:21435822	SSF x LoA	-7,83068216	-0,093	0,303
CHR9	21435830	CHR9:21435830	SSF x LoA	-11,9535213	0,000	0,302
CHR9	21442430	CHR9:21442430	SSF x LoA	-8,18110675	-0,057	0,316
CHR9	21453575	CHR9:21453575	SSF x LoA	-8,45885915	0,050	0,313
CHR9	21453603	CHR9:21453603	SSF x LoA	-9,88129371	-0,034	0,292
CHR9	21453610	CHR9:21453610	SSF x LoA	-7,64245195	0,110	0,299
CHR9	21453650	CHR9:21453650	SSF x LoA	-10,3743823	0,059	0,314
CHR9	21453656	CHR9:21453656	SSF x LoA	-9,5015698	-0,038	0,293
CHR9	21453684	CHR9:21453684	SSF x LoA	-10,2299002	0,060	0,297
CHR9	21453765	CHR9:21453765	SSF x LoA	-10,9982608	0,072	0,312
CHR9	21453799	CHR9:21453799	SSF x LoA	-8,08347214	0,007	0,308
CHR9	21453808	CHR9:21453808	SSF x LoA	-7,57684413	-0,121	0,310
CHR9	21453815	CHR9:21453815	SSF x LoA	-10,6424347	0,002	0,304
CHR9	21453821	CHR9:21453821	SSF x LoA	-8,70426995	-0,023	0,307
CHR9	2145945	CHR9:2145945	SSF x LoA	-6,3265039	0,037	0,308
CHR9	2145956	CHR9:2145956	SSF x LoA	-10,5842813	0,025	0,298
CHR9	2146086	CHR9:2146086	SSF x LoA	-8,03187586	0,067	0,308
CHR9	21463014	CHR9:21463014	SSF x LoA	-8,7625638	0,019	0,317
CHR9	21463044	CHR9:21463044	SSF x LoA	-10,3793172	-0,067	0,320
CHR9	21463136	CHR9:21463136	SSF x LoA	-5,66447642	0,131	0,301
CHR9	21463146	CHR9:21463146	SSF x LoA	-10,4062158	-0,024	0,304
CHR9	21463173	CHR9:21463173	SSF x LoA	-7,74468962	-0,050	0,319
CHR9	21482041	CHR9:21482041	SSF x LoA	-9,60596106	-0,021	0,307
CHR9	21482046	CHR9:21482046	SSF x LoA	-8,57624522	-0,003	0,328
CHR9	21482095	CHR9:21482095	SSF x LoA	-10,7989139	0,007	0,321
CHR9	21482096	CHR9:21482096	SSF x LoA	-11,3285502	-0,007	0,319
CHR9	21486154	CHR9:21486154	SSF x LoA	-3,87789073	-0,016	0,315
CHR9	21486166	CHR9:21486166	SSF x LoA	-8,0918712	0,107	0,299
CHR9	21486170	CHR9:21486170	SSF x LoA	-6,41459131	-0,109	0,308
CHR9	21486175	CHR9:21486175	SSF x LoA	-8,72920564	0,054	0,307
CHR9	21486203	CHR9:21486203	SSF x LoA	-10,7998729	-0,003	0,306
CHR9	2149124	CHR9:2149124	SSF x LoA	-7,08848913	0,127	0,310
CHR9	21498985	CHR9:21498985	SSF x LoA	-8,48230393	-0,029	0,304
CHR9	21498992	CHR9:21498992	SSF x LoA	-11,4788643	-0,035	0,309
CHR9	21499024	CHR9:21499024	SSF x LoA	-10,2056446	-0,050	0,315
CHR9	21499681	CHR9:21499681	SSF x LoA	-9,86078523	-0,006	0,309

CHR9	21499684	CHR9:21499684	SSF x LoA	-8,70762795	-0,094	0,309
CHR9	21500785	CHR9:21500785	SSF x LoA	-8,92736428	0,030	0,316
CHR9	21507888	CHR9:21507888	SSF x LoA	-11,1584588	0,028	0,311
CHR9	21507891	CHR9:21507891	SSF x LoA	-6,63645696	0,137	0,308
CHR9	21507946	CHR9:21507946	SSF x LoA	1,12318499	-0,052	0,291
CHR9	21507963	CHR9:21507963	SSF x LoA	-12,1882087	0,049	0,314
CHR9	21507986	CHR9:21507986	SSF x LoA	-5,82948234	0,091	0,309
CHR9	21517396	CHR9:21517396	SSF x LoA	-7,39337012	-0,033	0,302
CHR9	21539184	CHR9:21539184	SSF x LoA	-5,63872803	-0,096	0,300
CHR9	21539230	CHR9:21539230	SSF x LoA	-9,23644287	-0,045	0,300
CHR9	21539292	CHR9:21539292	SSF x LoA	-7,47100842	-0,094	0,300
CHR9	21539392	CHR9:21539392	SSF x LoA	-10,4587961	-0,008	0,293
CHR9	21542188	CHR9:21542188	SSF x LoA	-9,78342354	0,037	0,302
CHR9	21542213	CHR9:21542213	SSF x LoA	-11,5015633	0,018	0,307
CHR9	21544988	CHR9:21544988	SSF x LoA	-8,60143011	0,164	0,298
CHR9	2154574	CHR9:2154574	SSF x LoA	-10,1438276	-0,029	0,308
CHR9	2154616	CHR9:2154616	SSF x LoA	-7,92900012	-0,124	0,309
CHR9	2154713	CHR9:2154713	SSF x LoA	-8,22435925	-0,054	0,311
CHR9	2154792	CHR9:2154792	SSF x LoA	-9,42847896	-0,022	0,310
CHR9	21550892	CHR9:21550892	SSF x LoA	-9,62870379	-0,128	0,295
CHR9	21551033	CHR9:21551033	SSF x LoA	-10,0561089	0,036	0,323
CHR9	21552313	CHR9:21552313	SSF x LoA	-7,66950797	-0,137	0,305
CHR9	21559532	CHR9:21559532	SSF x LoA	-8,71939243	-0,135	0,300
CHR9	21559535	CHR9:21559535	SSF x LoA	-7,26512458	-0,130	0,306
CHR9	21559554	CHR9:21559554	SSF x LoA	-7,96363422	-0,133	0,298
CHR9	21559571	CHR9:21559571	SSF x LoA	-6,63052457	-0,150	0,303
CHR9	21559626	CHR9:21559626	SSF x LoA	-8,3483268	-0,030	0,306
CHR9	21559635	CHR9:21559635	SSF x LoA	-8,60008762	0,035	0,307
CHR9	21559636	CHR9:21559636	SSF x LoA	-10,0702053	0,004	0,303
CHR9	21559681	CHR9:21559681	SSF x LoA	-9,78953763	0,013	0,309
CHR9	21559685	CHR9:21559685	SSF x LoA	-5,20022601	0,053	0,314
CHR9	21559706	CHR9:21559706	SSF x LoA	-8,38706345	0,036	0,310
CHR9	21559708	CHR9:21559708	SSF x LoA	-8,94162982	0,021	0,314
CHR9	21559722	CHR9:21559722	SSF x LoA	-9,82897549	-0,031	0,301
CHR9	21559738	CHR9:21559738	SSF x LoA	-9,46961095	0,002	0,301
CHR9	21559747	CHR9:21559747	SSF x LoA	-10,204746	0,143	0,298
CHR9	21561376	CHR9:21561376	SSF x LoA	-11,7412558	-0,071	0,307
CHR9	21561404	CHR9:21561404	SSF x LoA	-8,53286717	0,066	0,300
CHR9	21561429	CHR9:21561429	SSF x LoA	-9,38573107	-0,028	0,303
CHR9	21561438	CHR9:21561438	SSF x LoA	-9,35557344	-0,077	0,301
CHR9	21561521	CHR9:21561521	SSF x LoA	-4,29758604	0,151	0,298
CHR9	21561524	CHR9:21561524	SSF x LoA	-8,06122921	0,137	0,297
CHR9	21561564	CHR9:21561564	SSF x LoA	-7,3634111	0,149	0,303
CHR9	21571513	CHR9:21571513	SSF x LoA	-9,7000011	-0,060	0,295
CHR9	21571593	CHR9:21571593	SSF x LoA	-10,5965582	0,083	0,309
CHR9	21571599	CHR9:21571599	SSF x LoA	-8,87400082	0,004	0,310
CHR9	21579428	CHR9:21579428	SSF x LoA	-9,62456155	-0,028	0,305
CHR9	21579457	CHR9:21579457	SSF x LoA	-9,97246385	-0,074	0,312
CHR9	21579675	CHR9:21579675	SSF x LoA	-8,7227081	-0,029	0,315
CHR9	21595055	CHR9:21595055	SSF x LoA	-9,62379267	-0,116	0,296
CHR9	21595916	CHR9:21595916	SSF x LoA	-8,94486726	-0,017	0,307
CHR9	21605765	CHR9:21605765	SSF x LoA	-7,35505682	0,185	0,282
CHR9	21620552	CHR9:21620552	SSF x LoA	-5,09698684	0,069	0,309

CHR9	21620692	CHR9:21620692	SSF x LoA	-8,73122944	-0,096	0,307
CHR9	21620828	CHR9:21620828	SSF x LoA	-8,95856454	0,031	0,308
CHR9	2162977	CHR9:2162977	SSF x LoA	-9,90771451	0,022	0,302
CHR9	21640194	CHR9:21640194	SSF x LoA	-7,95333106	0,079	0,316
CHR9	21645992	CHR9:21645992	SSF x LoA	-10,5014685	0,042	0,316
CHR9	21646028	CHR9:21646028	SSF x LoA	-11,5074148	0,058	0,316
CHR9	21646067	CHR9:21646067	SSF x LoA	-10,306031	-0,036	0,310
CHR9	21646080	CHR9:21646080	SSF x LoA	-12,0292539	0,014	0,292
CHR9	21646082	CHR9:21646082	SSF x LoA	-8,16941081	0,044	0,298
CHR9	2164636	CHR9:2164636	SSF x LoA	-10,7509857	-0,022	0,308
CHR9	2164652	CHR9:2164652	SSF x LoA	-10,4525767	0,005	0,306
CHR9	21648244	CHR9:21648244	SSF x LoA	-5,59401021	0,070	0,308
CHR9	21648252	CHR9:21648252	SSF x LoA	-8,07036697	0,115	0,287
CHR9	21648525	CHR9:21648525	SSF x LoA	-9,10589358	0,009	0,317
CHR9	21651987	CHR9:21651987	SSF x LoA	-10,1758558	0,002	0,305
CHR9	21652210	CHR9:21652210	SSF x LoA	-3,9141955	-0,024	0,311
CHR9	21655140	CHR9:21655140	SSF x LoA	-9,15393867	-0,022	0,290
CHR9	21655141	CHR9:21655141	SSF x LoA	-8,01011451	-0,127	0,312
CHR9	21655225	CHR9:21655225	SSF x LoA	-10,671701	0,077	0,307
CHR9	21655317	CHR9:21655317	SSF x LoA	-6,90974267	0,151	0,291
CHR9	21658325	CHR9:21658325	SSF x LoA	-10,2163295	-0,038	0,306
CHR9	21663234	CHR9:21663234	SSF x LoA	-10,2114587	-0,009	0,295
CHR9	21663304	CHR9:21663304	SSF x LoA	-10,7779144	0,009	0,313
CHR9	21663306	CHR9:21663306	SSF x LoA	-11,3324514	0,025	0,297
CHR9	21663354	CHR9:21663354	SSF x LoA	-6,01574255	0,044	0,324
CHR9	21666839	CHR9:21666839	SSF x LoA	-5,79544005	0,105	0,304
CHR9	21666844	CHR9:21666844	SSF x LoA	-8,46588791	0,123	0,307
CHR9	21666880	CHR9:21666880	SSF x LoA	-7,97744248	-0,086	0,303
CHR9	21666883	CHR9:21666883	SSF x LoA	-7,44585587	-0,107	0,307
CHR9	21666888	CHR9:21666888	SSF x LoA	-10,9611573	-0,122	0,276
CHR9	2167355	CHR9:2167355	SSF x LoA	-3,99196075	0,139	0,296
CHR9	21679161	CHR9:21679161	SSF x LoA	-8,03654435	-0,062	0,319
CHR9	21679190	CHR9:21679190	SSF x LoA	-7,90519253	-0,034	0,314
CHR9	21679227	CHR9:21679227	SSF x LoA	-9,65092759	0,088	0,300
CHR9	21679324	CHR9:21679324	SSF x LoA	-2,72196936	0,195	0,297
CHR9	21679354	CHR9:21679354	SSF x LoA	-7,32074348	0,125	0,296
CHR9	21679371	CHR9:21679371	SSF x LoA	-11,187084	-0,016	0,295
CHR9	21688033	CHR9:21688033	SSF x LoA	-7,79799495	0,129	0,301
CHR9	21688043	CHR9:21688043	SSF x LoA	-8,06105247	-0,026	0,310
CHR9	21688045	CHR9:21688045	SSF x LoA	-8,75762241	0,034	0,292
CHR9	21688056	CHR9:21688056	SSF x LoA	-8,4448296	-0,022	0,303
CHR9	21697379	CHR9:21697379	SSF x LoA	-6,03943505	-0,166	0,300
CHR9	21697427	CHR9:21697427	SSF x LoA	-7,98630242	-0,136	0,307
CHR9	21697459	CHR9:21697459	SSF x LoA	-10,9513226	-0,015	0,295
CHR9	21697466	CHR9:21697466	SSF x LoA	-5,16623609	0,074	0,303
CHR9	21697467	CHR9:21697467	SSF x LoA	-10,2905839	-0,030	0,314
CHR9	21714222	CHR9:21714222	SSF x LoA	-7,61988749	-0,078	0,309
CHR9	21714232	CHR9:21714232	SSF x LoA	-8,60556694	-0,051	0,303
CHR9	21714506	CHR9:21714506	SSF x LoA	-10,2465242	0,007	0,321
CHR9	21728489	CHR9:21728489	SSF x LoA	-9,18804359	0,115	0,293
CHR9	21728554	CHR9:21728554	SSF x LoA	-8,05395257	0,059	0,312
CHR9	21728565	CHR9:21728565	SSF x LoA	-7,64338795	-0,128	0,307
CHR9	21728598	CHR9:21728598	SSF x LoA	-0,38987475	-0,135	0,296

CHR9	21728612	CHR9:21728612	SSF x LoA	-7,25295561	-0,152	0,290
CHR9	21730091	CHR9:21730091	SSF x LoA	-10,0013036	0,024	0,296
CHR9	21730092	CHR9:21730092	SSF x LoA	-8,86852168	-0,003	0,317
CHR9	21731317	CHR9:21731317	SSF x LoA	-10,1908582	0,064	0,294
CHR9	21732373	CHR9:21732373	SSF x LoA	-1,85146062	0,167	0,298
CHR9	21732457	CHR9:21732457	SSF x LoA	-9,97248046	-0,155	0,291
CHR9	21732461	CHR9:21732461	SSF x LoA	-11,2018895	0,025	0,299
CHR9	21732471	CHR9:21732471	SSF x LoA	-7,08401581	0,086	0,315
CHR9	21750087	CHR9:21750087	SSF x LoA	-8,5811833	0,080	0,303
CHR9	2175290	CHR9:2175290	SSF x LoA	-8,85615065	-0,038	0,308
CHR9	21754417	CHR9:21754417	SSF x LoA	-10,7362767	-0,092	0,306
CHR9	21754473	CHR9:21754473	SSF x LoA	-6,42769678	-0,002	0,306
CHR9	21754512	CHR9:21754512	SSF x LoA	-11,3436254	-0,098	0,303
CHR9	21754560	CHR9:21754560	SSF x LoA	-6,90031607	0,112	0,308
CHR9	21754578	CHR9:21754578	SSF x LoA	-10,4388698	-0,092	0,315
CHR9	21754640	CHR9:21754640	SSF x LoA	-10,7609751	-0,035	0,316
CHR9	21755684	CHR9:21755684	SSF x LoA	-8,16080233	0,094	0,297
CHR9	21755687	CHR9:21755687	SSF x LoA	-10,751259	-0,056	0,301
CHR9	21762072	CHR9:21762072	SSF x LoA	-2,10548143	0,281	0,282
CHR9	21762129	CHR9:21762129	SSF x LoA	-10,9384447	0,028	0,309
CHR9	21767701	CHR9:21767701	SSF x LoA	-8,59675341	-0,118	0,301
CHR9	21767753	CHR9:21767753	SSF x LoA	-8,89389705	0,002	0,306
CHR9	21774163	CHR9:21774163	SSF x LoA	-8,84114222	-0,092	0,305
CHR9	21774343	CHR9:21774343	SSF x LoA	-8,93109823	0,112	0,293
CHR9	21774366	CHR9:21774366	SSF x LoA	-10,2856355	-0,010	0,302
CHR9	21774422	CHR9:21774422	SSF x LoA	-7,37786829	-0,007	0,313
CHR9	21774424	CHR9:21774424	SSF x LoA	-9,21439672	0,008	0,309
CHR9	21774455	CHR9:21774455	SSF x LoA	-9,08812953	0,130	0,309
CHR9	21775319	CHR9:21775319	SSF x LoA	-0,37509582	-0,160	0,310
CHR9	21775321	CHR9:21775321	SSF x LoA	-4,9609629	-0,131	0,303
CHR9	21775440	CHR9:21775440	SSF x LoA	-7,98345006	-0,044	0,334
CHR9	21779176	CHR9:21779176	SSF x LoA	-10,5744043	0,013	0,319
CHR9	21779226	CHR9:21779226	SSF x LoA	-9,72355722	-0,045	0,308
CHR9	21779249	CHR9:21779249	SSF x LoA	-9,82700625	-0,042	0,307
CHR9	21779336	CHR9:21779336	SSF x LoA	-10,7180286	0,077	0,303
CHR9	2178802	CHR9:2178802	SSF x LoA	-7,79001016	0,109	0,298
CHR9	21807477	CHR9:21807477	SSF x LoA	-8,60417193	-0,023	0,326
CHR9	21807481	CHR9:21807481	SSF x LoA	-10,6550179	0,050	0,302
CHR9	21807587	CHR9:21807587	SSF x LoA	-8,9623208	-0,015	0,300
CHR9	21818256	CHR9:21818256	SSF x LoA	-9,6622825	0,063	0,321
CHR9	21818264	CHR9:21818264	SSF x LoA	-10,9802692	-0,015	0,313
CHR9	21818337	CHR9:21818337	SSF x LoA	-11,2245816	-0,118	0,297
CHR9	21818402	CHR9:21818402	SSF x LoA	-8,39507025	0,061	0,316
CHR9	21824257	CHR9:21824257	SSF x LoA	-8,21248332	-0,123	0,302
CHR9	21829293	CHR9:21829293	SSF x LoA	-9,24068936	-0,040	0,306
CHR9	21838912	CHR9:21838912	SSF x LoA	-10,1520721	-0,012	0,309
CHR9	21838928	CHR9:21838928	SSF x LoA	-9,64740283	-0,075	0,295
CHR9	21843677	CHR9:21843677	SSF x LoA	-11,2163032	0,109	0,303
CHR9	21843691	CHR9:21843691	SSF x LoA	-8,79465351	0,030	0,306
CHR9	21843884	CHR9:21843884	SSF x LoA	-11,5403516	0,024	0,305
CHR9	21845250	CHR9:21845250	SSF x LoA	-8,64134226	-0,047	0,315
CHR9	21845254	CHR9:21845254	SSF x LoA	-8,93730972	0,031	0,307
CHR9	21845309	CHR9:21845309	SSF x LoA	-10,7694642	0,048	0,294

CHR9	21845392	CHR9:21845392	SSF x LoA	-10,2204902	-0,045	0,300
CHR9	21845508	CHR9:21845508	SSF x LoA	-8,62182739	-0,057	0,306
CHR9	21852507	CHR9:21852507	SSF x LoA	-9,60982252	0,061	0,314
CHR9	21852555	CHR9:21852555	SSF x LoA	-10,1207809	0,016	0,312
CHR9	21852556	CHR9:21852556	SSF x LoA	-9,67213188	-0,082	0,312
CHR9	21852574	CHR9:21852574	SSF x LoA	-9,68782774	0,044	0,319
CHR9	21854870	CHR9:21854870	SSF x LoA	-9,64901795	0,045	0,300
CHR9	21854909	CHR9:21854909	SSF x LoA	-8,07008226	-0,054	0,323
CHR9	21854910	CHR9:21854910	SSF x LoA	-11,0064141	-0,069	0,301
CHR9	21855550	CHR9:21855550	SSF x LoA	-9,46082826	0,092	0,302
CHR9	21855596	CHR9:21855596	SSF x LoA	-8,81000926	-0,099	0,280
CHR9	21857366	CHR9:21857366	SSF x LoA	-6,64562429	0,139	0,302
CHR9	2186742	CHR9:2186742	SSF x LoA	-9,89776064	0,018	0,305
CHR9	2186859	CHR9:2186859	SSF x LoA	-10,1160581	0,030	0,294
CHR9	21868803	CHR9:21868803	SSF x LoA	-8,25745398	-0,098	0,290
CHR9	21868826	CHR9:21868826	SSF x LoA	-10,5871124	0,043	0,309
CHR9	21868846	CHR9:21868846	SSF x LoA	-5,99432895	0,117	0,293
CHR9	21868848	CHR9:21868848	SSF x LoA	-7,51346926	-0,043	0,304
CHR9	21868916	CHR9:21868916	SSF x LoA	-9,26874243	0,035	0,327
CHR9	21868969	CHR9:21868969	SSF x LoA	-10,1567865	0,090	0,313
CHR9	21872075	CHR9:21872075	SSF x LoA	-9,04552386	0,130	0,299
CHR9	21881314	CHR9:21881314	SSF x LoA	-8,60473175	0,018	0,310
CHR9	21881322	CHR9:21881322	SSF x LoA	-10,2490567	-0,064	0,301
CHR9	21881331	CHR9:21881331	SSF x LoA	-10,9220823	0,007	0,299
CHR9	21881352	CHR9:21881352	SSF x LoA	-6,87671415	-0,032	0,305
CHR9	21881365	CHR9:21881365	SSF x LoA	-10,17933	0,033	0,296
CHR9	21881413	CHR9:21881413	SSF x LoA	-10,7911211	0,052	0,306
CHR9	21881436	CHR9:21881436	SSF x LoA	-9,65667589	0,055	0,293
CHR9	21881441	CHR9:21881441	SSF x LoA	-7,4881171	-0,020	0,323
CHR9	21881460	CHR9:21881460	SSF x LoA	-8,83642979	-0,036	0,301
CHR9	21881465	CHR9:21881465	SSF x LoA	-8,37114487	0,088	0,295
CHR9	21881466	CHR9:21881466	SSF x LoA	-10,8520846	0,020	0,311
CHR9	21881473	CHR9:21881473	SSF x LoA	-9,51121007	-0,032	0,312
CHR9	21881474	CHR9:21881474	SSF x LoA	-9,85387682	-0,061	0,307
CHR9	21881499	CHR9:21881499	SSF x LoA	-8,3745461	-0,174	0,307
CHR9	21881532	CHR9:21881532	SSF x LoA	-8,20585137	-0,148	0,303
CHR9	21881535	CHR9:21881535	SSF x LoA	-10,898696	-0,015	0,306
CHR9	21889109	CHR9:21889109	SSF x LoA	-9,76269955	0,003	0,308
CHR9	21889119	CHR9:21889119	SSF x LoA	-10,2438547	0,013	0,278
CHR9	21889138	CHR9:21889138	SSF x LoA	-8,58818266	-0,117	0,317
CHR9	21889171	CHR9:21889171	SSF x LoA	-8,79008318	-0,139	0,306
CHR9	21889255	CHR9:21889255	SSF x LoA	-9,18815141	-0,037	0,305
CHR9	21889335	CHR9:21889335	SSF x LoA	-4,04337721	-0,081	0,308
CHR9	21889342	CHR9:21889342	SSF x LoA	-8,7733343	-0,007	0,327
CHR9	21897508	CHR9:21897508	SSF x LoA	-8,55025319	0,049	0,311
CHR9	21897673	CHR9:21897673	SSF x LoA	-9,59260757	-0,006	0,312
CHR9	2190048	CHR9:2190048	SSF x LoA	-11,3704335	-0,065	0,295
CHR9	2190068	CHR9:2190068	SSF x LoA	-7,55379883	0,042	0,307
CHR9	21901619	CHR9:21901619	SSF x LoA	-9,31966961	-0,085	0,306
CHR9	21901655	CHR9:21901655	SSF x LoA	-9,37806059	-0,023	0,297
CHR9	2190167	CHR9:2190167	SSF x LoA	-8,47234701	0,023	0,309
CHR9	21901717	CHR9:21901717	SSF x LoA	-9,12214217	-0,067	0,312
CHR9	21901880	CHR9:21901880	SSF x LoA	-9,96617064	-0,054	0,321

CHR9	21901927	CHR9:21901927	SSF x LoA	-9,76557121	-0,086	0,306
CHR9	2190282	CHR9:2190282	SSF x LoA	-11,8942461	-0,045	0,313
CHR9	21919138	CHR9:21919138	SSF x LoA	-8,02784691	-0,107	0,309
CHR9	21919143	CHR9:21919143	SSF x LoA	-9,39234722	0,022	0,316
CHR9	21919181	CHR9:21919181	SSF x LoA	-9,8447776	0,039	0,306
CHR9	21919197	CHR9:21919197	SSF x LoA	-9,18460678	-0,060	0,312
CHR9	21919205	CHR9:21919205	SSF x LoA	-9,66671627	-0,070	0,319
CHR9	21919266	CHR9:21919266	SSF x LoA	-8,69373037	0,062	0,287
CHR9	21919269	CHR9:21919269	SSF x LoA	-9,00528787	0,020	0,309
CHR9	21919306	CHR9:21919306	SSF x LoA	-9,29623764	-0,107	0,297
CHR9	21940974	CHR9:21940974	SSF x LoA	-9,04666415	0,112	0,313
CHR9	21941288	CHR9:21941288	SSF x LoA	-9,70626406	-0,111	0,314
CHR9	21941355	CHR9:21941355	SSF x LoA	-11,3099033	-0,015	0,314
CHR9	21960029	CHR9:21960029	SSF x LoA	-4,51082468	-0,108	0,302
CHR9	21960030	CHR9:21960030	SSF x LoA	-9,34020308	0,025	0,306
CHR9	21960031	CHR9:21960031	SSF x LoA	-8,68996111	-0,133	0,301
CHR9	21961954	CHR9:21961954	SSF x LoA	-7,19621265	0,081	0,310
CHR9	21973225	CHR9:21973225	SSF x LoA	-7,54988768	0,097	0,301
CHR9	21973274	CHR9:21973274	SSF x LoA	-2,62393974	0,098	0,305
CHR9	21976789	CHR9:21976789	SSF x LoA	-10,4847019	0,132	0,294
CHR9	21976794	CHR9:21976794	SSF x LoA	-8,14581986	0,119	0,306
CHR9	21976834	CHR9:21976834	SSF x LoA	-9,51628121	-0,012	0,288
CHR9	21976869	CHR9:21976869	SSF x LoA	-8,74661834	0,006	0,303
CHR9	21976905	CHR9:21976905	SSF x LoA	-9,36832158	0,009	0,302
CHR9	21976913	CHR9:21976913	SSF x LoA	-9,84623925	0,041	0,306
CHR9	21976932	CHR9:21976932	SSF x LoA	-8,86373508	-0,049	0,320
CHR9	21976947	CHR9:21976947	SSF x LoA	-8,14010544	0,093	0,290
CHR9	21976948	CHR9:21976948	SSF x LoA	-6,91571864	0,094	0,306
CHR9	21979585	CHR9:21979585	SSF x LoA	-6,22148196	0,010	0,319
CHR9	21979618	CHR9:21979618	SSF x LoA	-8,78824237	-0,132	0,299
CHR9	21979626	CHR9:21979626	SSF x LoA	-7,65634449	-0,155	0,296
CHR9	21989368	CHR9:21989368	SSF x LoA	-9,5455501	0,097	0,309
CHR9	21989489	CHR9:21989489	SSF x LoA	-9,65136357	0,009	0,293
CHR9	21989497	CHR9:21989497	SSF x LoA	-6,06097666	-0,070	0,296
CHR9	21998437	CHR9:21998437	SSF x LoA	-11,2092808	0,045	0,310
CHR9	21998465	CHR9:21998465	SSF x LoA	-7,24434839	0,111	0,317
CHR9	21998499	CHR9:21998499	SSF x LoA	-9,00468777	-0,070	0,301
CHR9	21998540	CHR9:21998540	SSF x LoA	-6,86889711	0,037	0,312
CHR9	21998542	CHR9:21998542	SSF x LoA	-11,8006773	-0,045	0,300
CHR9	21998589	CHR9:21998589	SSF x LoA	-11,8682298	0,039	0,296
CHR9	21998630	CHR9:21998630	SSF x LoA	-8,59315045	-0,027	0,312
CHR9	21998632	CHR9:21998632	SSF x LoA	-8,82193306	-0,025	0,311
CHR9	21998634	CHR9:21998634	SSF x LoA	-8,84038085	-0,028	0,304
CHR9	21998666	CHR9:21998666	SSF x LoA	-7,88760898	0,120	0,312
CHR9	21998676	CHR9:21998676	SSF x LoA	-8,24541577	-0,056	0,308
CHR9	21998680	CHR9:21998680	SSF x LoA	-11,7258773	0,076	0,288
CHR9	21998681	CHR9:21998681	SSF x LoA	-10,0028002	0,022	0,303
CHR9	21998726	CHR9:21998726	SSF x LoA	-7,78812136	-0,022	0,302
CHR9	21998755	CHR9:21998755	SSF x LoA	-12,2106802	-0,029	0,309
CHR9	22012884	CHR9:22012884	SSF x LoA	-9,00606189	0,043	0,308
CHR9	22015939	CHR9:22015939	SSF x LoA	-8,35661737	0,114	0,297
CHR9	22015964	CHR9:22015964	SSF x LoA	-4,05879318	-0,104	0,295
CHR9	22016013	CHR9:22016013	SSF x LoA	-10,5840158	0,025	0,293

CHR9	22017154	CHR9:22017154	SSF x LoA	-9,71207811	-0,039	0,313
CHR9	22017189	CHR9:22017189	SSF x LoA	-9,60471588	-0,026	0,301
CHR9	22018232	CHR9:22018232	SSF x LoA	-8,8572928	0,066	0,325
CHR9	22018263	CHR9:22018263	SSF x LoA	-11,5143089	0,066	0,314
CHR9	22018264	CHR9:22018264	SSF x LoA	-11,3089732	0,072	0,303
CHR9	22018272	CHR9:22018272	SSF x LoA	-6,4223438	-0,176	0,300
CHR9	22018331	CHR9:22018331	SSF x LoA	-7,97216189	0,066	0,295
CHR9	22023246	CHR9:22023246	SSF x LoA	-6,31500386	-0,100	0,309
CHR9	22023303	CHR9:22023303	SSF x LoA	-9,71906886	-0,109	0,316
CHR9	2202394	CHR9:2202394	SSF x LoA	-7,72578838	-0,093	0,306
CHR9	2202471	CHR9:2202471	SSF x LoA	-8,49170302	-0,037	0,317
CHR9	2202512	CHR9:2202512	SSF x LoA	-8,60318852	0,069	0,298
CHR9	2202513	CHR9:2202513	SSF x LoA	-8,48148788	0,071	0,306
CHR9	2202519	CHR9:2202519	SSF x LoA	-10,3096088	-0,014	0,306
CHR9	2202540	CHR9:2202540	SSF x LoA	-8,763906	0,110	0,303
CHR9	22029601	CHR9:22029601	SSF x LoA	-7,99320236	0,087	0,306
CHR9	22029604	CHR9:22029604	SSF x LoA	-5,08453248	0,048	0,310
CHR9	22029665	CHR9:22029665	SSF x LoA	-10,8268157	0,093	0,306
CHR9	22031178	CHR9:22031178	SSF x LoA	-10,003127	0,054	0,315
CHR9	22036042	CHR9:22036042	SSF x LoA	-8,60736869	0,013	0,317
CHR9	22036044	CHR9:22036044	SSF x LoA	-12,1183002	-0,031	0,308
CHR9	22036178	CHR9:22036178	SSF x LoA	-2,57224259	-0,044	0,310
CHR9	22036195	CHR9:22036195	SSF x LoA	-9,13815924	-0,050	0,308
CHR9	22048916	CHR9:22048916	SSF x LoA	-7,14890691	-0,107	0,315
CHR9	22049273	CHR9:22049273	SSF x LoA	-10,4003678	-0,002	0,300
CHR9	22053605	CHR9:22053605	SSF x LoA	-7,65101037	-0,068	0,307
CHR9	22053607	CHR9:22053607	SSF x LoA	-8,20916683	-0,194	0,291
CHR9	22061720	CHR9:22061720	SSF x LoA	-3,7302237	0,048	0,299
CHR9	22064756	CHR9:22064756	SSF x LoA	-6,7618683	-0,074	0,317
CHR9	22064810	CHR9:22064810	SSF x LoA	-7,47189335	-0,057	0,300
CHR9	22064987	CHR9:22064987	SSF x LoA	-9,1247309	-0,072	0,315
CHR9	22070357	CHR9:22070357	SSF x LoA	-8,68769396	-0,044	0,310
CHR9	22070419	CHR9:22070419	SSF x LoA	-10,8700961	-0,059	0,311
CHR9	22070465	CHR9:22070465	SSF x LoA	-8,84598832	-0,050	0,304
CHR9	22070524	CHR9:22070524	SSF x LoA	-1,94570317	0,167	0,310
CHR9	22070594	CHR9:22070594	SSF x LoA	-11,7918779	0,048	0,305
CHR9	22070660	CHR9:22070660	SSF x LoA	-10,4565604	0,096	0,311
CHR9	22070674	CHR9:22070674	SSF x LoA	-8,91706445	0,056	0,300
CHR9	22070730	CHR9:22070730	SSF x LoA	-9,34491401	0,050	0,303
CHR9	22082899	CHR9:22082899	SSF x LoA	-11,0800617	0,009	0,304
CHR9	22083852	CHR9:22083852	SSF x LoA	-10,4054859	0,060	0,300
CHR9	22086217	CHR9:22086217	SSF x LoA	-7,94006258	0,003	0,315
CHR9	22088176	CHR9:22088176	SSF x LoA	-7,46851029	-0,166	0,300
CHR9	22097618	CHR9:22097618	SSF x LoA	-10,6456313	0,009	0,307
CHR9	22097626	CHR9:22097626	SSF x LoA	-5,36809895	-0,100	0,317
CHR9	22097648	CHR9:22097648	SSF x LoA	-8,30509423	0,100	0,305
CHR9	2209825	CHR9:2209825	SSF x LoA	-9,22072841	-0,048	0,307
CHR9	2209832	CHR9:2209832	SSF x LoA	-6,69182128	-0,028	0,304
CHR9	2209896	CHR9:2209896	SSF x LoA	-9,0436742	-0,046	0,310
CHR9	2209914	CHR9:2209914	SSF x LoA	-10,8438408	-0,013	0,320
CHR9	2209915	CHR9:2209915	SSF x LoA	-10,3084647	-0,026	0,314
CHR9	2210021	CHR9:2210021	SSF x LoA	-10,4284772	-0,038	0,305
CHR9	22105354	CHR9:22105354	SSF x LoA	-9,76236952	0,008	0,317

CHR9	22115064	CHR9:22115064	SSF x LoA	-9,42734874	-0,036	0,316
CHR9	22115235	CHR9:22115235	SSF x LoA	-7,95021596	0,093	0,298
CHR9	22115380	CHR9:22115380	SSF x LoA	-5,19864829	-0,139	0,297
CHR9	2211668	CHR9:2211668	SSF x LoA	-3,54806023	-0,124	0,301
CHR9	22123139	CHR9:22123139	SSF x LoA	-4,05561127	0,080	0,295
CHR9	22123158	CHR9:22123158	SSF x LoA	-10,0280582	0,002	0,297
CHR9	22123282	CHR9:22123282	SSF x LoA	-8,70604117	0,011	0,294
CHR9	22124342	CHR9:22124342	SSF x LoA	-6,0926761	0,124	0,313
CHR9	22124383	CHR9:22124383	SSF x LoA	-6,2538007	0,126	0,314
CHR9	22126087	CHR9:22126087	SSF x LoA	-7,02359759	-0,107	0,297
CHR9	22126116	CHR9:22126116	SSF x LoA	-10,9262654	0,027	0,315
CHR9	22126180	CHR9:22126180	SSF x LoA	-7,60901831	0,036	0,317
CHR9	22126335	CHR9:22126335	SSF x LoA	-11,1151643	0,115	0,299
CHR9	22131560	CHR9:22131560	SSF x LoA	-11,4124852	-0,006	0,304
CHR9	22133310	CHR9:22133310	SSF x LoA	-7,07954392	0,008	0,304
CHR9	22143584	CHR9:22143584	SSF x LoA	-8,49036096	0,106	0,299
CHR9	22146168	CHR9:22146168	SSF x LoA	-8,83675254	0,143	0,302
CHR9	22146289	CHR9:22146289	SSF x LoA	-10,2110202	-0,100	0,304
CHR9	22147473	CHR9:22147473	SSF x LoA	-9,2725703	-0,006	0,320
CHR9	22147476	CHR9:22147476	SSF x LoA	-11,2075656	-0,088	0,316
CHR9	22147656	CHR9:22147656	SSF x LoA	-8,86340586	-0,066	0,291
CHR9	22147667	CHR9:22147667	SSF x LoA	-5,54381644	-0,009	0,307
CHR9	22147694	CHR9:22147694	SSF x LoA	-8,33803886	-0,099	0,317
CHR9	22153505	CHR9:22153505	SSF x LoA	-10,0891998	0,053	0,309
CHR9	22153526	CHR9:22153526	SSF x LoA	-9,94907772	0,084	0,311
CHR9	22153838	CHR9:22153838	SSF x LoA	-3,58084632	0,158	0,310
CHR9	22157989	CHR9:22157989	SSF x LoA	-8,44684866	-0,078	0,300
CHR9	22158009	CHR9:22158009	SSF x LoA	-9,13549222	0,076	0,297
CHR9	22160166	CHR9:22160166	SSF x LoA	-9,00005463	-0,169	0,300
CHR9	22160204	CHR9:22160204	SSF x LoA	-10,5640354	-0,027	0,305
CHR9	22162097	CHR9:22162097	SSF x LoA	-7,9726856	0,040	0,319
CHR9	22162126	CHR9:22162126	SSF x LoA	-12,045449	-0,025	0,314
CHR9	22162160	CHR9:22162160	SSF x LoA	-6,7635597	-0,058	0,321
CHR9	22162175	CHR9:22162175	SSF x LoA	-10,3834404	-0,053	0,295
CHR9	22162179	CHR9:22162179	SSF x LoA	-9,63154753	-0,064	0,302
CHR9	22162940	CHR9:22162940	SSF x LoA	-9,90161921	-0,018	0,311
CHR9	22165039	CHR9:22165039	SSF x LoA	-8,93684552	0,048	0,311
CHR9	22165041	CHR9:22165041	SSF x LoA	-8,08904261	0,038	0,316
CHR9	22165097	CHR9:22165097	SSF x LoA	-11,4465193	-0,018	0,306
CHR9	22165109	CHR9:22165109	SSF x LoA	-7,96951495	-0,114	0,300
CHR9	22165136	CHR9:22165136	SSF x LoA	-7,99928729	-0,195	0,298
CHR9	22165160	CHR9:22165160	SSF x LoA	-7,94106332	-0,074	0,312
CHR9	22165173	CHR9:22165173	SSF x LoA	-6,05632193	-0,090	0,308
CHR9	22171912	CHR9:22171912	SSF x LoA	-8,43893173	0,052	0,310
CHR9	22171941	CHR9:22171941	SSF x LoA	-8,11189773	-0,029	0,301
CHR9	22172062	CHR9:22172062	SSF x LoA	-7,74297582	0,094	0,300
CHR9	22174627	CHR9:22174627	SSF x LoA	-7,79030072	-0,086	0,304
CHR9	22174628	CHR9:22174628	SSF x LoA	-8,58977445	-0,077	0,307
CHR9	22174633	CHR9:22174633	SSF x LoA	-6,99959754	-0,141	0,296
CHR9	22175815	CHR9:22175815	SSF x LoA	-4,00289432	0,013	0,292
CHR9	22175824	CHR9:22175824	SSF x LoA	-8,63095484	0,070	0,308
CHR9	22175893	CHR9:22175893	SSF x LoA	-6,72232819	0,242	0,300
CHR9	22175900	CHR9:22175900	SSF x LoA	-7,19434108	-0,163	0,279

CHR9	22175946	CHR9:22175946	SSF x LoA	-3,69509547	-0,051	0,308
CHR9	22175980	CHR9:22175980	SSF x LoA	-7,45448691	-0,092	0,294
CHR9	22175981	CHR9:22175981	SSF x LoA	-8,97219382	-0,021	0,317
CHR9	22175992	CHR9:22175992	SSF x LoA	-8,73255135	-0,147	0,308
CHR9	22178906	CHR9:22178906	SSF x LoA	-8,60701651	-0,013	0,322
CHR9	22180949	CHR9:22180949	SSF x LoA	-10,5880232	0,051	0,311
CHR9	22182238	CHR9:22182238	SSF x LoA	-8,5952653	0,001	0,319
CHR9	22182299	CHR9:22182299	SSF x LoA	-8,7808642	0,045	0,301
CHR9	22182350	CHR9:22182350	SSF x LoA	-8,52739201	-0,017	0,309
CHR9	22182367	CHR9:22182367	SSF x LoA	-10,4349406	0,020	0,313
CHR9	22184420	CHR9:22184420	SSF x LoA	-7,10828011	0,030	0,314
CHR9	22184440	CHR9:22184440	SSF x LoA	-11,0393125	-0,019	0,284
CHR9	22184474	CHR9:22184474	SSF x LoA	-6,02508852	0,057	0,306
CHR9	22184505	CHR9:22184505	SSF x LoA	-8,65371345	0,045	0,305
CHR9	22184544	CHR9:22184544	SSF x LoA	-7,34202198	-0,085	0,305
CHR9	22184550	CHR9:22184550	SSF x LoA	-9,63594232	-0,097	0,307
CHR9	22196646	CHR9:22196646	SSF x LoA	-10,8178109	-0,102	0,312
CHR9	22196677	CHR9:22196677	SSF x LoA	-11,194206	0,031	0,304
CHR9	22203679	CHR9:22203679	SSF x LoA	-7,72360917	0,064	0,305
CHR9	22204368	CHR9:22204368	SSF x LoA	-8,5931316	0,100	0,313
CHR9	22204397	CHR9:22204397	SSF x LoA	-9,05339609	0,088	0,310
CHR9	22204485	CHR9:22204485	SSF x LoA	-10,0764308	-0,029	0,306
CHR9	22207209	CHR9:22207209	SSF x LoA	1,75731845	0,216	0,289
CHR9	22207211	CHR9:22207211	SSF x LoA	-3,03477668	0,230	0,284
CHR9	22207305	CHR9:22207305	SSF x LoA	-10,6262724	-0,094	0,317
CHR9	22215217	CHR9:22215217	SSF x LoA	-9,09553106	-0,088	0,312
CHR9	22215232	CHR9:22215232	SSF x LoA	-5,79793753	-0,048	0,308
CHR9	22215949	CHR9:22215949	SSF x LoA	-8,03008608	-0,022	0,313
CHR9	22215974	CHR9:22215974	SSF x LoA	-8,60967399	0,003	0,311
CHR9	22215977	CHR9:22215977	SSF x LoA	-7,6360443	-0,061	0,308
CHR9	22216039	CHR9:22216039	SSF x LoA	-11,5461972	0,023	0,300
CHR9	22223168	CHR9:22223168	SSF x LoA	-6,67661967	0,197	0,301
CHR9	22223246	CHR9:22223246	SSF x LoA	-8,13245433	0,113	0,298
CHR9	22232789	CHR9:22232789	SSF x LoA	-9,59616244	-0,149	0,308
CHR9	22232965	CHR9:22232965	SSF x LoA	-11,8360144	-0,004	0,281
CHR9	22233049	CHR9:22233049	SSF x LoA	-6,57409191	0,073	0,309
CHR9	22233096	CHR9:22233096	SSF x LoA	-8,10906199	0,123	0,296
CHR9	22233115	CHR9:22233115	SSF x LoA	-9,36558198	0,094	0,298
CHR9	22236598	CHR9:22236598	SSF x LoA	-12,4940402	-0,008	0,302
CHR9	22239397	CHR9:22239397	SSF x LoA	-10,0418604	0,025	0,301
CHR9	22239424	CHR9:22239424	SSF x LoA	-9,13281389	-0,013	0,325
CHR9	22243486	CHR9:22243486	SSF x LoA	-5,37212308	0,074	0,302
CHR9	22247698	CHR9:22247698	SSF x LoA	-8,66073618	-0,039	0,316
CHR9	22251717	CHR9:22251717	SSF x LoA	-9,21793957	0,052	0,309
CHR9	22251738	CHR9:22251738	SSF x LoA	-9,63124127	0,045	0,306
CHR9	22251746	CHR9:22251746	SSF x LoA	-8,94830069	-0,007	0,308
CHR9	22251747	CHR9:22251747	SSF x LoA	-6,62002998	0,093	0,282
CHR9	22260861	CHR9:22260861	SSF x LoA	-9,11447531	0,089	0,301
CHR9	22260869	CHR9:22260869	SSF x LoA	-11,7437954	-0,020	0,308
CHR9	22266130	CHR9:22266130	SSF x LoA	-10,434728	0,025	0,297
CHR9	22266132	CHR9:22266132	SSF x LoA	-6,6359316	0,077	0,308
CHR9	22266136	CHR9:22266136	SSF x LoA	-9,30508675	-0,132	0,309
CHR9	22266141	CHR9:22266141	SSF x LoA	-9,40731735	0,008	0,292

CHR9	22266209	CHR9:22266209	SSF x LoA	-8,02405122	0,017	0,305
CHR9	2227094	CHR9:2227094	SSF x LoA	-11,0523061	-0,019	0,305
CHR9	22271351	CHR9:22271351	SSF x LoA	-6,7200783	0,136	0,318
CHR9	22271354	CHR9:22271354	SSF x LoA	-8,6104433	-0,102	0,301
CHR9	22271416	CHR9:22271416	SSF x LoA	-9,87890435	0,049	0,299
CHR9	22271476	CHR9:22271476	SSF x LoA	-7,28817211	0,065	0,305
CHR9	22271502	CHR9:22271502	SSF x LoA	-9,93655885	0,122	0,304
CHR9	22271522	CHR9:22271522	SSF x LoA	-9,19035576	0,030	0,301
CHR9	22279198	CHR9:22279198	SSF x LoA	-9,2003056	-0,029	0,291
CHR9	22280319	CHR9:22280319	SSF x LoA	-10,3725475	-0,004	0,310
CHR9	22280334	CHR9:22280334	SSF x LoA	-11,8332765	-0,088	0,299
CHR9	2228060	CHR9:2228060	SSF x LoA	-9,96416119	-0,108	0,309
CHR9	2228099	CHR9:2228099	SSF x LoA	-3,78542864	0,107	0,308
CHR9	2228214	CHR9:2228214	SSF x LoA	-11,437617	-0,026	0,307
CHR9	22286106	CHR9:22286106	SSF x LoA	-8,81248886	-0,049	0,314
CHR9	22296282	CHR9:22296282	SSF x LoA	-9,67178883	-0,155	0,304
CHR9	22300003	CHR9:22300003	SSF x LoA	-8,06847848	0,010	0,310
CHR9	22300026	CHR9:22300026	SSF x LoA	-9,58396231	0,105	0,305
CHR9	22300031	CHR9:22300031	SSF x LoA	-7,50905685	0,149	0,308
CHR9	22300107	CHR9:22300107	SSF x LoA	-9,39246626	0,103	0,306
CHR9	22311017	CHR9:22311017	SSF x LoA	-9,42991118	-0,098	0,291
CHR9	22312028	CHR9:22312028	SSF x LoA	-9,50164012	-0,017	0,309
CHR9	2232897	CHR9:2232897	SSF x LoA	-8,47746305	-0,011	0,320
CHR9	2232908	CHR9:2232908	SSF x LoA	-10,5202882	-0,028	0,319
CHR9	2232962	CHR9:2232962	SSF x LoA	-9,09066176	0,014	0,321
CHR9	2232980	CHR9:2232980	SSF x LoA	-9,50706424	0,013	0,305
CHR9	2232981	CHR9:2232981	SSF x LoA	-8,61201303	0,050	0,310
CHR9	22340071	CHR9:22340071	SSF x LoA	-8,50568193	0,049	0,305
CHR9	22340087	CHR9:22340087	SSF x LoA	-9,84108963	0,015	0,304
CHR9	2234037	CHR9:2234037	SSF x LoA	-10,6203471	0,048	0,311
CHR9	22352286	CHR9:22352286	SSF x LoA	-8,35018443	-0,036	0,311
CHR9	22352378	CHR9:22352378	SSF x LoA	-10,5174752	-0,035	0,300
CHR9	22352423	CHR9:22352423	SSF x LoA	-7,86244988	-0,073	0,321
CHR9	22352440	CHR9:22352440	SSF x LoA	-10,46017	-0,092	0,315
CHR9	22352453	CHR9:22352453	SSF x LoA	-9,76261214	-0,092	0,300
CHR9	22352491	CHR9:22352491	SSF x LoA	-7,57892728	0,046	0,316
CHR9	22363479	CHR9:22363479	SSF x LoA	-10,202724	-0,042	0,310
CHR9	22369242	CHR9:22369242	SSF x LoA	-9,56404008	0,089	0,300
CHR9	22369283	CHR9:22369283	SSF x LoA	-11,1319755	0,020	0,309
CHR9	22369332	CHR9:22369332	SSF x LoA	-8,2097421	-0,139	0,301
CHR9	22371073	CHR9:22371073	SSF x LoA	-8,7613206	-0,111	0,304
CHR9	22371171	CHR9:22371171	SSF x LoA	-7,62447978	-0,141	0,292
CHR9	22378904	CHR9:22378904	SSF x LoA	-10,2397674	-0,067	0,313
CHR9	22378917	CHR9:22378917	SSF x LoA	-8,92008987	-0,019	0,305
CHR9	22378962	CHR9:22378962	SSF x LoA	-8,96282707	-0,006	0,300
CHR9	22378970	CHR9:22378970	SSF x LoA	-8,48960068	0,121	0,295
CHR9	22382603	CHR9:22382603	SSF x LoA	-6,41691668	0,099	0,309
CHR9	22382626	CHR9:22382626	SSF x LoA	-9,1892077	0,044	0,320
CHR9	22382677	CHR9:22382677	SSF x LoA	-11,9836204	-0,017	0,313
CHR9	2240043	CHR9:2240043	SSF x LoA	-9,08812705	0,001	0,309
CHR9	2240222	CHR9:2240222	SSF x LoA	-11,4196205	0,029	0,303
CHR9	2240229	CHR9:2240229	SSF x LoA	-11,2603755	-0,066	0,319
CHR9	22403710	CHR9:22403710	SSF x LoA	-9,77863236	0,042	0,303

CHR9	22403714	CHR9:22403714	SSF x LoA	-10,0998587	0,011	0,304
CHR9	22404119	CHR9:22404119	SSF x LoA	-8,55655689	0,021	0,303
CHR9	22404120	CHR9:22404120	SSF x LoA	-8,54351181	0,009	0,313
CHR9	22404122	CHR9:22404122	SSF x LoA	-9,61834449	0,003	0,318
CHR9	22408580	CHR9:22408580	SSF x LoA	-9,99235977	0,001	0,311
CHR9	22408581	CHR9:22408581	SSF x LoA	-8,17414336	0,010	0,303
CHR9	22408582	CHR9:22408582	SSF x LoA	-10,1543827	0,028	0,317
CHR9	22408602	CHR9:22408602	SSF x LoA	-9,30671715	0,041	0,305
CHR9	22408609	CHR9:22408609	SSF x LoA	-11,8556423	-0,053	0,303
CHR9	22408701	CHR9:22408701	SSF x LoA	-9,89628701	-0,047	0,320
CHR9	22408709	CHR9:22408709	SSF x LoA	-9,44735803	0,061	0,305
CHR9	22408808	CHR9:22408808	SSF x LoA	-9,09425371	-0,089	0,311
CHR9	22412820	CHR9:22412820	SSF x LoA	-10,4985582	-0,051	0,303
CHR9	22412861	CHR9:22412861	SSF x LoA	-9,11028709	0,100	0,303
CHR9	22412874	CHR9:22412874	SSF x LoA	-7,92716142	-0,001	0,323
CHR9	22414656	CHR9:22414656	SSF x LoA	-11,0172729	-0,077	0,310
CHR9	22414747	CHR9:22414747	SSF x LoA	-7,09976324	0,017	0,324
CHR9	22415847	CHR9:22415847	SSF x LoA	-10,2764009	-0,087	0,307
CHR9	22420798	CHR9:22420798	SSF x LoA	-9,81370741	0,007	0,312
CHR9	22421065	CHR9:22421065	SSF x LoA	-10,7251515	0,005	0,294
CHR9	22423641	CHR9:22423641	SSF x LoA	-7,45670765	-0,072	0,307
CHR9	2243743	CHR9:2243743	SSF x LoA	-10,3229083	0,032	0,299
CHR9	2243760	CHR9:2243760	SSF x LoA	-9,62337646	0,052	0,316
CHR9	22445465	CHR9:22445465	SSF x LoA	-10,1430328	0,056	0,306
CHR9	22445517	CHR9:22445517	SSF x LoA	-10,1979562	-0,089	0,326
CHR9	22445543	CHR9:22445543	SSF x LoA	-6,54770811	0,072	0,318
CHR9	22445550	CHR9:22445550	SSF x LoA	-6,28685762	-0,051	0,313
CHR9	22445562	CHR9:22445562	SSF x LoA	-10,9612092	-0,020	0,318
CHR9	22445565	CHR9:22445565	SSF x LoA	-10,1427336	-0,139	0,303
CHR9	2245547	CHR9:2245547	SSF x LoA	-10,4728126	0,058	0,298
CHR9	2245591	CHR9:2245591	SSF x LoA	-9,13529291	-0,069	0,291
CHR9	2245682	CHR9:2245682	SSF x LoA	-9,27461199	0,009	0,312
CHR9	2245712	CHR9:2245712	SSF x LoA	-8,94169624	-0,157	0,309
CHR9	2245745	CHR9:2245745	SSF x LoA	-11,1290845	0,027	0,303
CHR9	22466201	CHR9:22466201	SSF x LoA	-8,1580648	0,095	0,306
CHR9	22466219	CHR9:22466219	SSF x LoA	-10,0871686	-0,026	0,303
CHR9	22473425	CHR9:22473425	SSF x LoA	-9,7716018	0,028	0,313
CHR9	22473475	CHR9:22473475	SSF x LoA	-10,1769145	-0,059	0,307
CHR9	22481015	CHR9:22481015	SSF x LoA	-11,0243708	-0,012	0,309
CHR9	22482444	CHR9:22482444	SSF x LoA	-9,34559709	0,150	0,299
CHR9	22486015	CHR9:22486015	SSF x LoA	-10,6182174	-0,041	0,309
CHR9	22487946	CHR9:22487946	SSF x LoA	-10,144982	-0,104	0,299
CHR9	22487963	CHR9:22487963	SSF x LoA	-10,8829596	-0,105	0,296
CHR9	22489244	CHR9:22489244	SSF x LoA	-8,28671246	0,044	0,312
CHR9	2249964	CHR9:2249964	SSF x LoA	-9,95906125	0,076	0,298
CHR9	2250016	CHR9:2250016	SSF x LoA	-10,3858462	0,026	0,312
CHR9	2250037	CHR9:2250037	SSF x LoA	-7,7449452	-0,079	0,304
CHR9	2250146	CHR9:2250146	SSF x LoA	-9,66590927	-0,050	0,312
CHR9	2250188	CHR9:2250188	SSF x LoA	-8,44511227	0,144	0,297
CHR9	22502242	CHR9:22502242	SSF x LoA	-8,57812228	0,030	0,312
CHR9	22502243	CHR9:22502243	SSF x LoA	-11,1567494	-0,018	0,305
CHR9	22502250	CHR9:22502250	SSF x LoA	-9,71466711	-0,076	0,300
CHR9	22502328	CHR9:22502328	SSF x LoA	-9,94267647	-0,031	0,303

CHR9	22502340	CHR9:22502340	SSF x LoA	-10,9245766	-0,022	0,306
CHR9	22502345	CHR9:22502345	SSF x LoA	-8,76367283	0,015	0,313
CHR9	22502427	CHR9:22502427	SSF x LoA	-10,112624	-0,027	0,302
CHR9	22503740	CHR9:22503740	SSF x LoA	-7,58532842	-0,083	0,321
CHR9	22507500	CHR9:22507500	SSF x LoA	-7,96024179	0,079	0,308
CHR9	22507538	CHR9:22507538	SSF x LoA	-11,4973658	-0,009	0,303
CHR9	22507623	CHR9:22507623	SSF x LoA	-11,4736053	-0,002	0,312
CHR9	22512943	CHR9:22512943	SSF x LoA	-9,29758837	0,062	0,301
CHR9	22520312	CHR9:22520312	SSF x LoA	-8,79345059	0,027	0,328
CHR9	22523918	CHR9:22523918	SSF x LoA	-10,310972	-0,081	0,298
CHR9	22524001	CHR9:22524001	SSF x LoA	-11,2753607	-0,044	0,306
CHR9	22524002	CHR9:22524002	SSF x LoA	-9,68031265	0,105	0,303
CHR9	22525348	CHR9:22525348	SSF x LoA	-0,53974848	-0,131	0,295
CHR9	22525381	CHR9:22525381	SSF x LoA	-10,2051667	0,018	0,311
CHR9	22525403	CHR9:22525403	SSF x LoA	-8,50257721	-0,062	0,302
CHR9	22525523	CHR9:22525523	SSF x LoA	-9,75567682	-0,001	0,314
CHR9	22527120	CHR9:22527120	SSF x LoA	-10,220516	0,038	0,303
CHR9	22527126	CHR9:22527126	SSF x LoA	-9,22419901	-0,082	0,303
CHR9	22527133	CHR9:22527133	SSF x LoA	-8,22703144	-0,071	0,299
CHR9	22527166	CHR9:22527166	SSF x LoA	-8,46867227	0,058	0,307
CHR9	22527185	CHR9:22527185	SSF x LoA	-11,2161068	-0,005	0,296
CHR9	22527192	CHR9:22527192	SSF x LoA	-10,7185716	-0,056	0,296
CHR9	22527230	CHR9:22527230	SSF x LoA	-9,055582	0,092	0,304
CHR9	22527239	CHR9:22527239	SSF x LoA	-10,773423	-0,044	0,283
CHR9	22527251	CHR9:22527251	SSF x LoA	-9,58922837	0,007	0,292
CHR9	22527263	CHR9:22527263	SSF x LoA	-9,04166048	0,051	0,308
CHR9	2253243	CHR9:2253243	SSF x LoA	-11,2338591	0,085	0,302
CHR9	22560046	CHR9:22560046	SSF x LoA	-10,6201269	-0,057	0,306
CHR9	22560240	CHR9:22560240	SSF x LoA	-9,6141798	0,024	0,309
CHR9	22560247	CHR9:22560247	SSF x LoA	-10,785811	0,005	0,324
CHR9	22560253	CHR9:22560253	SSF x LoA	-7,66713379	-0,110	0,302
CHR9	22565424	CHR9:22565424	SSF x LoA	-7,72569288	-0,115	0,292
CHR9	22565474	CHR9:22565474	SSF x LoA	-9,28600259	0,009	0,314
CHR9	22566721	CHR9:22566721	SSF x LoA	-10,467984	0,064	0,303
CHR9	22566803	CHR9:22566803	SSF x LoA	-8,38073738	0,054	0,322
CHR9	22566826	CHR9:22566826	SSF x LoA	-9,87815916	0,066	0,307
CHR9	22573687	CHR9:22573687	SSF x LoA	-8,0863853	0,137	0,327
CHR9	22573693	CHR9:22573693	SSF x LoA	-7,28095445	0,110	0,312
CHR9	22573696	CHR9:22573696	SSF x LoA	-10,0982324	0,017	0,300
CHR9	22573706	CHR9:22573706	SSF x LoA	-8,37333714	0,071	0,300
CHR9	2257430	CHR9:2257430	SSF x LoA	-8,47531473	0,061	0,315
CHR9	2257434	CHR9:2257434	SSF x LoA	-5,13506092	-0,044	0,310
CHR9	22577679	CHR9:22577679	SSF x LoA	-6,93795474	0,014	0,290
CHR9	22577888	CHR9:22577888	SSF x LoA	-11,4397802	0,032	0,312
CHR9	22581410	CHR9:22581410	SSF x LoA	-7,89701411	-0,036	0,304
CHR9	22581507	CHR9:22581507	SSF x LoA	-11,0891863	-0,064	0,314
CHR9	22585649	CHR9:22585649	SSF x LoA	-9,30548416	0,001	0,310
CHR9	22585760	CHR9:22585760	SSF x LoA	-11,9267541	0,084	0,295
CHR9	22585778	CHR9:22585778	SSF x LoA	-8,74459214	0,143	0,297
CHR9	22592490	CHR9:22592490	SSF x LoA	-7,79248264	0,166	0,292
CHR9	22592550	CHR9:22592550	SSF x LoA	-8,90587349	-0,069	0,296
CHR9	22592559	CHR9:22592559	SSF x LoA	-9,0461275	-0,046	0,309
CHR9	22592575	CHR9:22592575	SSF x LoA	-8,55151135	0,065	0,315

CHR9	22592624	CHR9:22592624	SSF x LoA	-8,97195516	-0,174	0,283
CHR9	22592764	CHR9:22592764	SSF x LoA	-10,4372584	0,003	0,304
CHR9	22592790	CHR9:22592790	SSF x LoA	-5,63535089	0,090	0,306
CHR9	2259768	CHR9:2259768	SSF x LoA	-9,58306332	0,119	0,308
CHR9	2259826	CHR9:2259826	SSF x LoA	-7,71423857	-0,103	0,310
CHR9	2259845	CHR9:2259845	SSF x LoA	-8,86383047	0,039	0,294
CHR9	2259866	CHR9:2259866	SSF x LoA	-7,94663403	0,181	0,296
CHR9	2259875	CHR9:2259875	SSF x LoA	-10,1483713	0,023	0,324
CHR9	2259915	CHR9:2259915	SSF x LoA	-7,78119494	-0,062	0,304
CHR9	2259928	CHR9:2259928	SSF x LoA	-5,57983604	-0,140	0,303
CHR9	2259937	CHR9:2259937	SSF x LoA	-9,75102121	0,037	0,302
CHR9	22602243	CHR9:22602243	SSF x LoA	-10,9959459	-0,044	0,310
CHR9	22602244	CHR9:22602244	SSF x LoA	-8,25847258	-0,081	0,296
CHR9	22602257	CHR9:22602257	SSF x LoA	-8,65987282	-0,007	0,300
CHR9	22602776	CHR9:22602776	SSF x LoA	-8,67029961	-0,104	0,312
CHR9	22602808	CHR9:22602808	SSF x LoA	-8,52969499	0,147	0,304
CHR9	22602834	CHR9:22602834	SSF x LoA	-5,50061103	0,180	0,309
CHR9	22602836	CHR9:22602836	SSF x LoA	-6,76696994	0,178	0,298
CHR9	22605035	CHR9:22605035	SSF x LoA	-6,47325426	0,081	0,317
CHR9	22607389	CHR9:22607389	SSF x LoA	-8,72932431	-0,022	0,303
CHR9	22610069	CHR9:22610069	SSF x LoA	-6,62453513	0,026	0,312
CHR9	22610070	CHR9:22610070	SSF x LoA	-7,6426649	-0,047	0,319
CHR9	22610071	CHR9:22610071	SSF x LoA	-5,79675321	0,037	0,293
CHR9	22610076	CHR9:22610076	SSF x LoA	-9,40910394	-0,018	0,313
CHR9	2261399	CHR9:2261399	SSF x LoA	-8,50700984	-0,106	0,305
CHR9	2261431	CHR9:2261431	SSF x LoA	-8,26001086	-0,082	0,304
CHR9	2261445	CHR9:2261445	SSF x LoA	-10,2092768	-0,026	0,306
CHR9	2261492	CHR9:2261492	SSF x LoA	-10,1688564	0,016	0,308
CHR9	22638450	CHR9:22638450	SSF x LoA	-8,9909381	-0,045	0,307
CHR9	22638455	CHR9:22638455	SSF x LoA	-11,2317263	-0,033	0,296
CHR9	22638465	CHR9:22638465	SSF x LoA	-9,83623877	0,067	0,306
CHR9	22638542	CHR9:22638542	SSF x LoA	-11,9321583	0,037	0,308
CHR9	22638698	CHR9:22638698	SSF x LoA	-7,55033428	0,165	0,295
CHR9	22643405	CHR9:22643405	SSF x LoA	-7,46202195	0,124	0,320
CHR9	22645556	CHR9:22645556	SSF x LoA	-10,1091338	-0,049	0,315
CHR9	22645683	CHR9:22645683	SSF x LoA	-7,716361	-0,046	0,305
CHR9	22645733	CHR9:22645733	SSF x LoA	-9,91546172	0,045	0,311
CHR9	22648327	CHR9:22648327	SSF x LoA	-8,93120915	-0,093	0,318
CHR9	22652652	CHR9:22652652	SSF x LoA	-8,69292578	0,117	0,297
CHR9	2267089	CHR9:2267089	SSF x LoA	-7,94723775	-0,121	0,306
CHR9	2267108	CHR9:2267108	SSF x LoA	-10,0176639	0,088	0,308
CHR9	2267171	CHR9:2267171	SSF x LoA	-11,0871366	0,000	0,308
CHR9	22673074	CHR9:22673074	SSF x LoA	-9,00515282	0,004	0,307
CHR9	22680786	CHR9:22680786	SSF x LoA	-6,91499527	-0,058	0,327
CHR9	22680837	CHR9:22680837	SSF x LoA	-5,11631277	-0,005	0,308
CHR9	22680879	CHR9:22680879	SSF x LoA	-9,38933481	0,088	0,306
CHR9	22684131	CHR9:22684131	SSF x LoA	-9,34890564	-0,061	0,311
CHR9	22707082	CHR9:22707082	SSF x LoA	-8,38659706	0,174	0,291
CHR9	22707214	CHR9:22707214	SSF x LoA	-6,19438715	0,061	0,317
CHR9	22709532	CHR9:22709532	SSF x LoA	-9,79350781	0,051	0,312
CHR9	22710377	CHR9:22710377	SSF x LoA	-7,53446869	0,074	0,304
CHR9	22710412	CHR9:22710412	SSF x LoA	-10,0816685	-0,089	0,307
CHR9	22715177	CHR9:22715177	SSF x LoA	-11,6176067	-0,021	0,301

CHR9	22715248	CHR9:22715248	SSF x LoA	-8,24513305	-0,102	0,312
CHR9	22715335	CHR9:22715335	SSF x LoA	-7,25484994	0,032	0,295
CHR9	22715466	CHR9:22715466	SSF x LoA	-7,87068049	-0,041	0,296
CHR9	22722525	CHR9:22722525	SSF x LoA	-9,04812986	-0,130	0,290
CHR9	22722546	CHR9:22722546	SSF x LoA	-10,4094426	0,026	0,325
CHR9	22722669	CHR9:22722669	SSF x LoA	-10,9797898	-0,011	0,309
CHR9	22722675	CHR9:22722675	SSF x LoA	-11,1917787	-0,004	0,307
CHR9	22722694	CHR9:22722694	SSF x LoA	-7,95549874	0,043	0,299
CHR9	22722711	CHR9:22722711	SSF x LoA	-11,5092278	-0,024	0,316
CHR9	22722734	CHR9:22722734	SSF x LoA	-10,603341	-0,124	0,310
CHR9	22722782	CHR9:22722782	SSF x LoA	-11,2240698	-0,012	0,307
CHR9	22722936	CHR9:22722936	SSF x LoA	-9,71519973	0,016	0,315
CHR9	22737436	CHR9:22737436	SSF x LoA	-11,7345789	-0,016	0,320
CHR9	22737484	CHR9:22737484	SSF x LoA	-10,8281062	-0,023	0,314
CHR9	22737520	CHR9:22737520	SSF x LoA	-7,02194439	0,061	0,314
CHR9	22737543	CHR9:22737543	SSF x LoA	-11,8897419	0,044	0,296
CHR9	22738507	CHR9:22738507	SSF x LoA	-11,5614487	0,026	0,309
CHR9	227393	CHR9:227393	SSF x LoA	-9,51883804	0,110	0,285
CHR9	22739954	CHR9:22739954	SSF x LoA	-7,57969346	-0,076	0,302
CHR9	22739975	CHR9:22739975	SSF x LoA	-11,0346329	-0,116	0,292
CHR9	22739997	CHR9:22739997	SSF x LoA	-8,60853396	-0,101	0,309
CHR9	22742157	CHR9:22742157	SSF x LoA	-10,014175	-0,076	0,303
CHR9	22742180	CHR9:22742180	SSF x LoA	-8,6996498	-0,105	0,295
CHR9	2274259	CHR9:2274259	SSF x LoA	-7,92974084	0,164	0,309
CHR9	2274297	CHR9:2274297	SSF x LoA	-6,70166258	-0,051	0,317
CHR9	2274373	CHR9:2274373	SSF x LoA	-8,1974311	0,068	0,317
CHR9	22753861	CHR9:22753861	SSF x LoA	-3,31839617	-0,111	0,298
CHR9	22754116	CHR9:22754116	SSF x LoA	-8,07955953	-0,074	0,312
CHR9	22754190	CHR9:22754190	SSF x LoA	-9,02901681	-0,075	0,311
CHR9	22754221	CHR9:22754221	SSF x LoA	-10,4803819	0,041	0,308
CHR9	22762354	CHR9:22762354	SSF x LoA	0,28181753	0,039	0,304
CHR9	22766403	CHR9:22766403	SSF x LoA	-9,25667607	0,031	0,301
CHR9	22766423	CHR9:22766423	SSF x LoA	-7,30389261	-0,037	0,307
CHR9	22767260	CHR9:22767260	SSF x LoA	-8,94305195	0,018	0,311
CHR9	22767261	CHR9:22767261	SSF x LoA	-9,5179055	0,046	0,308
CHR9	22769097	CHR9:22769097	SSF x LoA	-9,99621786	0,035	0,320
CHR9	22770822	CHR9:22770822	SSF x LoA	-4,21738165	0,153	0,292
CHR9	22776198	CHR9:22776198	SSF x LoA	-10,2071252	0,026	0,306
CHR9	22779824	CHR9:22779824	SSF x LoA	-10,819104	-0,003	0,313
CHR9	22779860	CHR9:22779860	SSF x LoA	-7,94637968	-0,129	0,307
CHR9	2278722	CHR9:2278722	SSF x LoA	-10,7340485	-0,027	0,298
CHR9	2278863	CHR9:2278863	SSF x LoA	-11,8506348	-0,033	0,288
CHR9	22790124	CHR9:22790124	SSF x LoA	-9,78304529	0,091	0,312
CHR9	22790290	CHR9:22790290	SSF x LoA	-8,01948915	-0,018	0,308
CHR9	22790318	CHR9:22790318	SSF x LoA	-8,42941048	-0,005	0,302
CHR9	22792529	CHR9:22792529	SSF x LoA	-8,68431106	-0,008	0,307
CHR9	22792634	CHR9:22792634	SSF x LoA	-11,5033938	-0,051	0,304
CHR9	22792689	CHR9:22792689	SSF x LoA	-10,189123	-0,013	0,303
CHR9	22795026	CHR9:22795026	SSF x LoA	-10,5735141	-0,046	0,308
CHR9	22795226	CHR9:22795226	SSF x LoA	-7,53740906	0,069	0,307
CHR9	2280871	CHR9:2280871	SSF x LoA	-8,95504482	0,121	0,303
CHR9	22808778	CHR9:22808778	SSF x LoA	-6,75494183	-0,002	0,308
CHR9	2280975	CHR9:2280975	SSF x LoA	-11,1437043	-0,083	0,312

CHR9	22812569	CHR9:22812569	SSF x LoA	-8,29447127	-0,063	0,298
CHR9	22821460	CHR9:22821460	SSF x LoA	-9,48408217	-0,038	0,275
CHR9	22821520	CHR9:22821520	SSF x LoA	-7,36805501	-0,039	0,310
CHR9	22830220	CHR9:22830220	SSF x LoA	-10,4631741	-0,025	0,311
CHR9	22830222	CHR9:22830222	SSF x LoA	-8,47902945	-0,036	0,299
CHR9	22830245	CHR9:22830245	SSF x LoA	-2,48924764	-0,060	0,316
CHR9	22830267	CHR9:22830267	SSF x LoA	-8,9512389	0,016	0,302
CHR9	22830307	CHR9:22830307	SSF x LoA	-10,0754931	-0,087	0,299
CHR9	22830343	CHR9:22830343	SSF x LoA	-8,55552786	-0,032	0,294
CHR9	22830345	CHR9:22830345	SSF x LoA	-8,54028388	-0,017	0,309
CHR9	22830388	CHR9:22830388	SSF x LoA	-9,40208284	0,009	0,297
CHR9	22837443	CHR9:22837443	SSF x LoA	-9,67715403	0,026	0,304
CHR9	22837537	CHR9:22837537	SSF x LoA	-8,68042434	0,009	0,307
CHR9	22837571	CHR9:22837571	SSF x LoA	-9,81911699	-0,028	0,319
CHR9	22837610	CHR9:22837610	SSF x LoA	-8,60882059	-0,119	0,305
CHR9	2284147	CHR9:2284147	SSF x LoA	-10,4193053	-0,017	0,314
CHR9	2284191	CHR9:2284191	SSF x LoA	-10,1011076	-0,134	0,311
CHR9	22846184	CHR9:22846184	SSF x LoA	-10,3413615	0,021	0,306
CHR9	22846250	CHR9:22846250	SSF x LoA	-9,38026225	-0,032	0,299
CHR9	22846441	CHR9:22846441	SSF x LoA	-10,9549431	0,033	0,306
CHR9	22853107	CHR9:22853107	SSF x LoA	-7,74328336	0,002	0,333
CHR9	22853201	CHR9:22853201	SSF x LoA	-10,7352763	0,039	0,321
CHR9	22854242	CHR9:22854242	SSF x LoA	-12,0900135	-0,024	0,302
CHR9	22854269	CHR9:22854269	SSF x LoA	-10,0169036	0,058	0,318
CHR9	22854479	CHR9:22854479	SSF x LoA	-10,245825	-0,003	0,297
CHR9	22854510	CHR9:22854510	SSF x LoA	10,7316197	0,183	0,321
CHR9	22854531	CHR9:22854531	SSF x LoA	-8,54799102	-0,031	0,304
CHR9	22854539	CHR9:22854539	SSF x LoA	-9,39962703	0,150	0,303
CHR9	22854549	CHR9:22854549	SSF x LoA	-6,79922399	0,152	0,303
CHR9	22854588	CHR9:22854588	SSF x LoA	0,5418743	0,246	0,278
CHR9	22854600	CHR9:22854600	SSF x LoA	-8,88031358	0,085	0,312
CHR9	22865341	CHR9:22865341	SSF x LoA	-10,2636017	-0,038	0,305
CHR9	22869681	CHR9:22869681	SSF x LoA	-7,69498045	0,057	0,317
CHR9	22871563	CHR9:22871563	SSF x LoA	-7,67673541	-0,021	0,309
CHR9	22877298	CHR9:22877298	SSF x LoA	-9,86082706	0,076	0,305
CHR9	22890824	CHR9:22890824	SSF x LoA	-10,308938	0,034	0,297
CHR9	22893261	CHR9:22893261	SSF x LoA	-7,60274735	0,016	0,310
CHR9	22898309	CHR9:22898309	SSF x LoA	-9,62078152	0,097	0,290
CHR9	22900153	CHR9:22900153	SSF x LoA	-9,59583097	-0,005	0,317
CHR9	22902602	CHR9:22902602	SSF x LoA	-8,42887828	0,042	0,320
CHR9	22902861	CHR9:22902861	SSF x LoA	-6,19425466	0,027	0,314
CHR9	22906155	CHR9:22906155	SSF x LoA	-11,6293593	0,053	0,302
CHR9	22906476	CHR9:22906476	SSF x LoA	-6,88733632	0,150	0,306
CHR9	22920532	CHR9:22920532	SSF x LoA	-9,89928935	-0,054	0,305
CHR9	22920657	CHR9:22920657	SSF x LoA	-9,29753062	0,014	0,313
CHR9	22936451	CHR9:22936451	SSF x LoA	-9,1160142	-0,037	0,311
CHR9	22936696	CHR9:22936696	SSF x LoA	-7,22593216	-0,054	0,315
CHR9	22936707	CHR9:22936707	SSF x LoA	-8,36297379	-0,019	0,307
CHR9	22940867	CHR9:22940867	SSF x LoA	-10,9119326	-0,008	0,305
CHR9	22940971	CHR9:22940971	SSF x LoA	-11,6969888	0,048	0,303
CHR9	22951691	CHR9:22951691	SSF x LoA	-11,5414389	-0,021	0,303
CHR9	22961529	CHR9:22961529	SSF x LoA	-7,99422445	-0,025	0,316
CHR9	22961535	CHR9:22961535	SSF x LoA	-11,0573478	0,119	0,303

CHR9	22963217	CHR9:22963217	SSF x LoA	-8,94367305	0,139	0,303
CHR9	22963274	CHR9:22963274	SSF x LoA	-9,31816873	0,031	0,314
CHR9	22963317	CHR9:22963317	SSF x LoA	-7,38293232	0,014	0,321
CHR9	22968516	CHR9:22968516	SSF x LoA	-7,72438314	-0,035	0,312
CHR9	22980175	CHR9:22980175	SSF x LoA	-10,0019373	-0,044	0,305
CHR9	22980279	CHR9:22980279	SSF x LoA	-8,97248491	-0,045	0,291
CHR9	22983442	CHR9:22983442	SSF x LoA	-9,35815772	-0,007	0,307
CHR9	2298349	CHR9:2298349	SSF x LoA	-8,44081128	0,163	0,308
CHR9	22983626	CHR9:22983626	SSF x LoA	-5,40699302	0,125	0,300
CHR9	22983630	CHR9:22983630	SSF x LoA	-9,09842795	0,106	0,296
CHR9	23007557	CHR9:23007557	SSF x LoA	-8,12687321	0,122	0,299
CHR9	23007689	CHR9:23007689	SSF x LoA	-11,2250716	-0,007	0,304
CHR9	23007691	CHR9:23007691	SSF x LoA	-6,08089617	-0,018	0,309
CHR9	23009053	CHR9:23009053	SSF x LoA	-11,4212314	-0,084	0,307
CHR9	23009054	CHR9:23009054	SSF x LoA	-8,62062471	-0,127	0,311
CHR9	23011415	CHR9:23011415	SSF x LoA	-7,86887357	0,119	0,303
CHR9	23017240	CHR9:23017240	SSF x LoA	-8,85468853	-0,104	0,315
CHR9	23018949	CHR9:23018949	SSF x LoA	-9,80233476	0,052	0,308
CHR9	23019224	CHR9:23019224	SSF x LoA	-9,90906958	-0,096	0,307
CHR9	23019291	CHR9:23019291	SSF x LoA	-1,91754782	0,170	0,297
CHR9	2302787	CHR9:2302787	SSF x LoA	-6,95611267	0,054	0,319
CHR9	2302791	CHR9:2302791	SSF x LoA	-10,8487703	0,024	0,299
CHR9	23037183	CHR9:23037183	SSF x LoA	-6,84744222	-0,069	0,310
CHR9	23048981	CHR9:23048981	SSF x LoA	-7,07322317	0,063	0,305
CHR9	23049029	CHR9:23049029	SSF x LoA	-11,5399114	-0,035	0,307
CHR9	23049042	CHR9:23049042	SSF x LoA	-10,6044469	0,054	0,313
CHR9	23049089	CHR9:23049089	SSF x LoA	-8,91284017	-0,072	0,305
CHR9	23049214	CHR9:23049214	SSF x LoA	-6,82799488	-0,179	0,288
CHR9	23053852	CHR9:23053852	SSF x LoA	-9,54129555	-0,004	0,300
CHR9	23053959	CHR9:23053959	SSF x LoA	-10,4913195	0,025	0,314
CHR9	23054086	CHR9:23054086	SSF x LoA	-9,33251937	0,038	0,309
CHR9	23070413	CHR9:23070413	SSF x LoA	-7,57567654	0,028	0,307
CHR9	23070535	CHR9:23070535	SSF x LoA	-10,4956368	-0,040	0,311
CHR9	23070545	CHR9:23070545	SSF x LoA	-7,85157965	-0,030	0,319
CHR9	23078522	CHR9:23078522	SSF x LoA	-9,89549916	0,138	0,303
CHR9	23078642	CHR9:23078642	SSF x LoA	-9,43889902	0,034	0,308
CHR9	23083103	CHR9:23083103	SSF x LoA	-6,43678466	0,163	0,297
CHR9	23083153	CHR9:23083153	SSF x LoA	-5,63038419	-0,180	0,294
CHR9	23089764	CHR9:23089764	SSF x LoA	-10,7077948	0,010	0,319
CHR9	23089777	CHR9:23089777	SSF x LoA	-10,8406794	-0,043	0,299
CHR9	23089788	CHR9:23089788	SSF x LoA	-4,79912091	-0,071	0,321
CHR9	23097850	CHR9:23097850	SSF x LoA	-7,91120445	0,054	0,311
CHR9	23097972	CHR9:23097972	SSF x LoA	-8,21973997	-0,051	0,306
CHR9	23098141	CHR9:23098141	SSF x LoA	-9,45247421	0,072	0,301
CHR9	23105021	CHR9:23105021	SSF x LoA	-11,1827251	-0,011	0,302
CHR9	23110245	CHR9:23110245	SSF x LoA	-8,77463928	-0,022	0,299
CHR9	23114519	CHR9:23114519	SSF x LoA	-10,6055118	-0,004	0,307
CHR9	23114709	CHR9:23114709	SSF x LoA	-6,9852886	0,170	0,309
CHR9	23114924	CHR9:23114924	SSF x LoA	-6,45935993	-0,118	0,306
CHR9	23121207	CHR9:23121207	SSF x LoA	-9,36315561	-0,061	0,314
CHR9	23126367	CHR9:23126367	SSF x LoA	-6,60480647	0,154	0,304
CHR9	23126409	CHR9:23126409	SSF x LoA	-7,24247818	-0,036	0,320
CHR9	23126413	CHR9:23126413	SSF x LoA	-7,35419582	-0,068	0,306

CHR9	23126544	CHR9:23126544	SSF x LoA	-8,32862821	0,012	0,302
CHR9	23137963	CHR9:23137963	SSF x LoA	-9,62936411	-0,087	0,307
CHR9	23138045	CHR9:23138045	SSF x LoA	-8,85619469	-0,061	0,306
CHR9	23138132	CHR9:23138132	SSF x LoA	-7,67011395	0,029	0,301
CHR9	23138143	CHR9:23138143	SSF x LoA	-7,78770345	0,091	0,297
CHR9	23138178	CHR9:23138178	SSF x LoA	-10,603768	0,009	0,316
CHR9	23138179	CHR9:23138179	SSF x LoA	-6,01919489	0,137	0,300
CHR9	23138208	CHR9:23138208	SSF x LoA	-8,91792852	0,010	0,317
CHR9	23138211	CHR9:23138211	SSF x LoA	-9,32580219	0,006	0,314
CHR9	23138213	CHR9:23138213	SSF x LoA	-10,2448359	-0,006	0,302
CHR9	23153984	CHR9:23153984	SSF x LoA	-8,50078242	-0,063	0,303
CHR9	23154706	CHR9:23154706	SSF x LoA	0,54530578	-0,031	0,323
CHR9	23174020	CHR9:23174020	SSF x LoA	-8,54465613	0,028	0,304
CHR9	23174055	CHR9:23174055	SSF x LoA	-8,3492616	-0,016	0,296
CHR9	23174060	CHR9:23174060	SSF x LoA	-8,28359505	0,160	0,300
CHR9	23174062	CHR9:23174062	SSF x LoA	-11,1189597	0,010	0,300
CHR9	23174065	CHR9:23174065	SSF x LoA	-8,66640321	0,024	0,293
CHR9	23174072	CHR9:23174072	SSF x LoA	-8,35083582	0,018	0,301
CHR9	23174084	CHR9:23174084	SSF x LoA	-8,26291557	0,001	0,294
CHR9	23174125	CHR9:23174125	SSF x LoA	-8,85103549	-0,100	0,302
CHR9	23174141	CHR9:23174141	SSF x LoA	-7,32876975	-0,007	0,304
CHR9	23174241	CHR9:23174241	SSF x LoA	-9,47406014	0,065	0,303
CHR9	23178136	CHR9:23178136	SSF x LoA	-11,132035	0,008	0,311
CHR9	23179573	CHR9:23179573	SSF x LoA	-9,83864518	0,011	0,307
CHR9	23179594	CHR9:23179594	SSF x LoA	-11,3713786	-0,044	0,311
CHR9	23185703	CHR9:23185703	SSF x LoA	-7,64350861	0,137	0,312
CHR9	23185731	CHR9:23185731	SSF x LoA	-8,84288923	-0,026	0,296
CHR9	23185744	CHR9:23185744	SSF x LoA	-7,63609808	-0,069	0,298
CHR9	23185786	CHR9:23185786	SSF x LoA	-8,18248291	-0,100	0,294
CHR9	23196299	CHR9:23196299	SSF x LoA	-9,26142893	-0,151	0,305
CHR9	23198897	CHR9:23198897	SSF x LoA	-8,63465046	-0,002	0,309
CHR9	23199010	CHR9:23199010	SSF x LoA	-10,8143377	-0,033	0,292
CHR9	23199164	CHR9:23199164	SSF x LoA	-8,61379997	0,021	0,294
CHR9	23199184	CHR9:23199184	SSF x LoA	-7,947856	-0,039	0,287
CHR9	23205142	CHR9:23205142	SSF x LoA	-8,23873446	0,076	0,319
CHR9	23205241	CHR9:23205241	SSF x LoA	-8,15307164	0,036	0,296
CHR9	23215740	CHR9:23215740	SSF x LoA	-10,7326944	-0,007	0,326
CHR9	23215766	CHR9:23215766	SSF x LoA	-8,82413219	-0,040	0,306
CHR9	23224761	CHR9:23224761	SSF x LoA	-8,25998487	0,074	0,298
CHR9	23224946	CHR9:23224946	SSF x LoA	-10,9187157	-0,090	0,308
CHR9	23252859	CHR9:23252859	SSF x LoA	-10,6670064	-0,034	0,292
CHR9	23252909	CHR9:23252909	SSF x LoA	-10,3889114	0,036	0,315
CHR9	23252928	CHR9:23252928	SSF x LoA	-9,93752456	0,094	0,315
CHR9	23252950	CHR9:23252950	SSF x LoA	-9,67450075	0,066	0,315
CHR9	23253569	CHR9:23253569	SSF x LoA	-7,46414408	0,108	0,294
CHR9	23265664	CHR9:23265664	SSF x LoA	-10,5407163	-0,016	0,307
CHR9	23272170	CHR9:23272170	SSF x LoA	-2,43827449	-0,022	0,300
CHR9	23272185	CHR9:23272185	SSF x LoA	-9,22066058	0,005	0,302
CHR9	23272196	CHR9:23272196	SSF x LoA	-10,203594	-0,060	0,298
CHR9	23272222	CHR9:23272222	SSF x LoA	-9,63473853	-0,013	0,293
CHR9	23272224	CHR9:23272224	SSF x LoA	-5,30524072	0,182	0,312
CHR9	23272229	CHR9:23272229	SSF x LoA	-6,17241052	0,183	0,304
CHR9	23272245	CHR9:23272245	SSF x LoA	-10,0019534	0,003	0,296

CHR9	23272278	CHR9:23272278	SSF x LoA	-7,3125102	-0,083	0,304
CHR9	23272292	CHR9:23272292	SSF x LoA	-12,1327697	-0,008	0,300
CHR9	23290645	CHR9:23290645	SSF x LoA	-9,38775565	0,090	0,311
CHR9	23290711	CHR9:23290711	SSF x LoA	-4,57594779	-0,018	0,302
CHR9	23290712	CHR9:23290712	SSF x LoA	-9,83081426	0,001	0,293
CHR9	23290738	CHR9:23290738	SSF x LoA	-11,9024166	-0,071	0,295
CHR9	23290804	CHR9:23290804	SSF x LoA	-9,6426153	0,063	0,315
CHR9	23290837	CHR9:23290837	SSF x LoA	-8,0138347	0,094	0,305
CHR9	23290858	CHR9:23290858	SSF x LoA	-6,93397716	0,005	0,304
CHR9	23306050	CHR9:23306050	SSF x LoA	-6,17684362	0,146	0,298
CHR9	23306240	CHR9:23306240	SSF x LoA	-9,90219724	0,027	0,319
CHR9	2331559	CHR9:2331559	SSF x LoA	-7,96657821	-0,010	0,300
CHR9	23315656	CHR9:23315656	SSF x LoA	-7,9416305	-0,043	0,305
CHR9	23315679	CHR9:23315679	SSF x LoA	-0,47552835	0,092	0,301
CHR9	23315696	CHR9:23315696	SSF x LoA	-7,15158102	-0,147	0,291
CHR9	23315741	CHR9:23315741	SSF x LoA	-11,3087606	-0,024	0,303
CHR9	23315770	CHR9:23315770	SSF x LoA	-8,32486525	0,155	0,308
CHR9	23315786	CHR9:23315786	SSF x LoA	-7,547767	-0,080	0,305
CHR9	2331590	CHR9:2331590	SSF x LoA	-6,11957397	-0,046	0,324
CHR9	23339130	CHR9:23339130	SSF x LoA	-7,99224312	0,177	0,298
CHR9	23360551	CHR9:23360551	SSF x LoA	-6,48047847	-0,159	0,301
CHR9	23360617	CHR9:23360617	SSF x LoA	-6,96854931	-0,167	0,300
CHR9	23366581	CHR9:23366581	SSF x LoA	-9,57617784	-0,024	0,315
CHR9	23366597	CHR9:23366597	SSF x LoA	-9,22475622	0,006	0,301
CHR9	23366660	CHR9:23366660	SSF x LoA	-11,5788827	-0,086	0,294
CHR9	23371686	CHR9:23371686	SSF x LoA	-8,72679423	-0,030	0,319
CHR9	23391223	CHR9:23391223	SSF x LoA	-10,0605302	0,036	0,305
CHR9	23391422	CHR9:23391422	SSF x LoA	-10,6633171	-0,082	0,303
CHR9	23398422	CHR9:23398422	SSF x LoA	-7,84653688	0,069	0,298
CHR9	23400914	CHR9:23400914	SSF x LoA	-9,48453592	0,089	0,307
CHR9	23408465	CHR9:23408465	SSF x LoA	0,48858632	-0,110	0,292
CHR9	23408469	CHR9:23408469	SSF x LoA	-9,74163761	-0,108	0,295
CHR9	23408594	CHR9:23408594	SSF x LoA	-9,70542798	-0,090	0,300
CHR9	23408689	CHR9:23408689	SSF x LoA	-6,5388073	0,032	0,308
CHR9	23408767	CHR9:23408767	SSF x LoA	-7,04602178	-0,074	0,314
CHR9	23419687	CHR9:23419687	SSF x LoA	-9,70074018	-0,051	0,301
CHR9	23419707	CHR9:23419707	SSF x LoA	-8,43270444	-0,034	0,305
CHR9	23419724	CHR9:23419724	SSF x LoA	-10,3587982	-0,043	0,318
CHR9	23419772	CHR9:23419772	SSF x LoA	-11,0710489	0,039	0,317
CHR9	23422812	CHR9:23422812	SSF x LoA	-8,76298927	0,037	0,314
CHR9	23434800	CHR9:23434800	SSF x LoA	-9,16863134	0,091	0,294
CHR9	23438727	CHR9:23438727	SSF x LoA	-10,4659267	0,000	0,318
CHR9	23438771	CHR9:23438771	SSF x LoA	-5,86459774	-0,158	0,305
CHR9	23438826	CHR9:23438826	SSF x LoA	-10,2569179	-0,035	0,303
CHR9	23438909	CHR9:23438909	SSF x LoA	-8,25460229	-0,072	0,305
CHR9	23438916	CHR9:23438916	SSF x LoA	-8,29112309	-0,043	0,302
CHR9	23438933	CHR9:23438933	SSF x LoA	-7,69168169	-0,075	0,298
CHR9	23438936	CHR9:23438936	SSF x LoA	-10,9127925	-0,034	0,303
CHR9	23438952	CHR9:23438952	SSF x LoA	-10,9142366	0,070	0,300
CHR9	23440544	CHR9:23440544	SSF x LoA	-9,15492502	-0,017	0,309
CHR9	23442084	CHR9:23442084	SSF x LoA	-10,7597295	0,037	0,301
CHR9	23444037	CHR9:23444037	SSF x LoA	-11,4105717	0,084	0,306
CHR9	23444496	CHR9:23444496	SSF x LoA	-8,79355826	-0,086	0,306

CHR9	23444508	CHR9:23444508	SSF x LoA	-8,77205457	-0,086	0,303
CHR9	23460658	CHR9:23460658	SSF x LoA	-8,39820082	-0,083	0,310
CHR9	23460682	CHR9:23460682	SSF x LoA	-8,84377264	0,087	0,302
CHR9	23460689	CHR9:23460689	SSF x LoA	-7,50655312	0,081	0,305
CHR9	2347196	CHR9:2347196	SSF x LoA	-9,33937071	0,005	0,309
CHR9	2347223	CHR9:2347223	SSF x LoA	-10,5301181	0,005	0,304
CHR9	2347362	CHR9:2347362	SSF x LoA	-7,08735437	0,022	0,315
CHR9	2347385	CHR9:2347385	SSF x LoA	-9,99705647	-0,008	0,311
CHR9	2347518	CHR9:2347518	SSF x LoA	-8,91076796	-0,011	0,326
CHR9	23495155	CHR9:23495155	SSF x LoA	-6,28471361	-0,016	0,303
CHR9	23495165	CHR9:23495165	SSF x LoA	-8,66245935	0,018	0,305
CHR9	23496335	CHR9:23496335	SSF x LoA	-7,13382291	0,185	0,312
CHR9	23496347	CHR9:23496347	SSF x LoA	-11,2049989	-0,034	0,302
CHR9	23496387	CHR9:23496387	SSF x LoA	-2,19306641	-0,205	0,300
CHR9	23496604	CHR9:23496604	SSF x LoA	-9,44661537	-0,020	0,300
CHR9	23496630	CHR9:23496630	SSF x LoA	-9,51584669	0,066	0,305
CHR9	23512796	CHR9:23512796	SSF x LoA	-8,52050454	0,072	0,298
CHR9	23512797	CHR9:23512797	SSF x LoA	-9,35128204	0,030	0,287
CHR9	2352317	CHR9:2352317	SSF x LoA	-8,71281018	-0,171	0,296
CHR9	2352332	CHR9:2352332	SSF x LoA	-9,36243536	0,043	0,303
CHR9	23525127	CHR9:23525127	SSF x LoA	-9,22030108	-0,032	0,306
CHR9	23525215	CHR9:23525215	SSF x LoA	-10,1442206	0,043	0,313
CHR9	23525239	CHR9:23525239	SSF x LoA	-8,23586488	0,108	0,297
CHR9	23525336	CHR9:23525336	SSF x LoA	-9,00572922	0,038	0,317
CHR9	23548774	CHR9:23548774	SSF x LoA	-12,01639	0,052	0,305
CHR9	23555844	CHR9:23555844	SSF x LoA	-11,5679565	-0,015	0,310
CHR9	23562420	CHR9:23562420	SSF x LoA	-9,88126166	0,118	0,303
CHR9	23566703	CHR9:23566703	SSF x LoA	-11,1791559	0,054	0,305
CHR9	23566706	CHR9:23566706	SSF x LoA	-8,00244737	-0,165	0,291
CHR9	23566710	CHR9:23566710	SSF x LoA	-9,82186093	-0,081	0,309
CHR9	23566816	CHR9:23566816	SSF x LoA	-7,77646251	-0,015	0,308
CHR9	23566825	CHR9:23566825	SSF x LoA	-10,9303722	0,062	0,312
CHR9	23566860	CHR9:23566860	SSF x LoA	-9,3519843	0,056	0,295
CHR9	23566865	CHR9:23566865	SSF x LoA	-8,62299413	0,067	0,310
CHR9	23566897	CHR9:23566897	SSF x LoA	-8,74973966	-0,079	0,304
CHR9	2356917	CHR9:2356917	SSF x LoA	-8,51360506	0,038	0,308
CHR9	2356929	CHR9:2356929	SSF x LoA	-8,74785106	0,033	0,304
CHR9	23577712	CHR9:23577712	SSF x LoA	-7,18098544	0,045	0,300
CHR9	23593990	CHR9:23593990	SSF x LoA	-10,2181388	0,082	0,303
CHR9	23593994	CHR9:23593994	SSF x LoA	-10,3707788	0,007	0,315
CHR9	23594566	CHR9:23594566	SSF x LoA	-9,32862024	-0,015	0,306
CHR9	23594570	CHR9:23594570	SSF x LoA	-6,73371599	-0,019	0,315
CHR9	23594590	CHR9:23594590	SSF x LoA	-9,93277975	-0,054	0,297
CHR9	23599796	CHR9:23599796	SSF x LoA	-9,50509977	-0,006	0,290
CHR9	23600024	CHR9:23600024	SSF x LoA	-8,5330931	-0,054	0,307
CHR9	23606892	CHR9:23606892	SSF x LoA	-8,46207736	0,102	0,294
CHR9	23606906	CHR9:23606906	SSF x LoA	-11,2373966	0,115	0,302
CHR9	2361216	CHR9:2361216	SSF x LoA	-6,89835524	-0,005	0,296
CHR9	2361248	CHR9:2361248	SSF x LoA	-9,37222888	0,024	0,340
CHR9	2361402	CHR9:2361402	SSF x LoA	-10,5634587	0,117	0,305
CHR9	23626380	CHR9:23626380	SSF x LoA	-11,8661824	0,020	0,291
CHR9	23626412	CHR9:23626412	SSF x LoA	-10,9031396	-0,067	0,292
CHR9	23636584	CHR9:23636584	SSF x LoA	-8,01821194	0,089	0,303

CHR9	23636915	CHR9:23636915	SSF x LoA	-12,6405394	-0,022	0,309
CHR9	23641271	CHR9:23641271	SSF x LoA	-10,8300096	-0,033	0,300
CHR9	23641413	CHR9:23641413	SSF x LoA	-8,9525199	-0,049	0,308
CHR9	23652832	CHR9:23652832	SSF x LoA	-11,7880049	0,003	0,302
CHR9	23664935	CHR9:23664935	SSF x LoA	-10,0560529	0,079	0,316
CHR9	23666108	CHR9:23666108	SSF x LoA	-12,2785399	-0,040	0,299
CHR9	23666152	CHR9:23666152	SSF x LoA	-6,21751799	-0,101	0,302
CHR9	23681610	CHR9:23681610	SSF x LoA	-11,4951789	0,057	0,298
CHR9	23681739	CHR9:23681739	SSF x LoA	-10,6441145	-0,135	0,299
CHR9	23697643	CHR9:23697643	SSF x LoA	-10,5825052	-0,076	0,302
CHR9	23697644	CHR9:23697644	SSF x LoA	-6,87590379	-0,155	0,301
CHR9	23697678	CHR9:23697678	SSF x LoA	-10,9187567	-0,079	0,288
CHR9	23697819	CHR9:23697819	SSF x LoA	-7,83041828	0,159	0,298
CHR9	23701459	CHR9:23701459	SSF x LoA	-7,93866007	-0,104	0,313
CHR9	23701572	CHR9:23701572	SSF x LoA	-7,05374119	-0,124	0,311
CHR9	2370208	CHR9:2370208	SSF x LoA	-8,59341096	0,011	0,313
CHR9	2370301	CHR9:2370301	SSF x LoA	-8,25049384	0,050	0,309
CHR9	2370703	CHR9:2370703	SSF x LoA	-10,5369013	0,038	0,309
CHR9	23707549	CHR9:23707549	SSF x LoA	-11,1673317	0,050	0,305
CHR9	23718567	CHR9:23718567	SSF x LoA	-7,15391646	-0,040	0,321
CHR9	23718618	CHR9:23718618	SSF x LoA	-7,7805557	0,104	0,313
CHR9	23720294	CHR9:23720294	SSF x LoA	-10,9171269	-0,017	0,313
CHR9	23723906	CHR9:23723906	SSF x LoA	-5,84276538	0,082	0,308
CHR9	23723922	CHR9:23723922	SSF x LoA	-8,12179264	-0,048	0,309
CHR9	23723923	CHR9:23723923	SSF x LoA	-8,74523951	-0,012	0,318
CHR9	23724019	CHR9:23724019	SSF x LoA	-9,23103251	-0,153	0,302
CHR9	23724028	CHR9:23724028	SSF x LoA	-10,7720454	0,004	0,313
CHR9	23724448	CHR9:23724448	SSF x LoA	-1,00605334	0,107	0,302
CHR9	23724522	CHR9:23724522	SSF x LoA	-8,96850221	-0,090	0,301
CHR9	23740698	CHR9:23740698	SSF x LoA	-6,18779728	0,170	0,297
CHR9	23740712	CHR9:23740712	SSF x LoA	-8,38199549	0,111	0,289
CHR9	23740713	CHR9:23740713	SSF x LoA	-6,80941506	0,125	0,296
CHR9	23740721	CHR9:23740721	SSF x LoA	-8,70138571	-0,129	0,312
CHR9	23741111	CHR9:23741111	SSF x LoA	-9,79678838	0,105	0,292
CHR9	23744560	CHR9:23744560	SSF x LoA	-10,7818026	0,018	0,307
CHR9	23744701	CHR9:23744701	SSF x LoA	-9,29138071	-0,104	0,311
CHR9	23744709	CHR9:23744709	SSF x LoA	-10,536764	0,077	0,294
CHR9	23744723	CHR9:23744723	SSF x LoA	-1,48728162	-0,136	0,313
CHR9	23744759	CHR9:23744759	SSF x LoA	-6,39002665	-0,141	0,310
CHR9	23748257	CHR9:23748257	SSF x LoA	-9,05961815	0,087	0,310
CHR9	23758679	CHR9:23758679	SSF x LoA	-10,7236832	-0,045	0,313
CHR9	23758733	CHR9:23758733	SSF x LoA	-9,3717739	0,072	0,306
CHR9	23758736	CHR9:23758736	SSF x LoA	-11,2863391	-0,043	0,296
CHR9	23764042	CHR9:23764042	SSF x LoA	-8,74073283	0,064	0,297
CHR9	23764053	CHR9:23764053	SSF x LoA	-8,76911434	0,160	0,294
CHR9	23774461	CHR9:23774461	SSF x LoA	-6,94571315	-0,137	0,319
CHR9	23774616	CHR9:23774616	SSF x LoA	-8,53326121	-0,012	0,311
CHR9	23774661	CHR9:23774661	SSF x LoA	-6,84724433	-0,132	0,305
CHR9	23774711	CHR9:23774711	SSF x LoA	-11,1054428	-0,014	0,305
CHR9	2377582	CHR9:2377582	SSF x LoA	-5,58432168	0,129	0,295
CHR9	23790069	CHR9:23790069	SSF x LoA	-8,9254143	0,017	0,304
CHR9	23790088	CHR9:23790088	SSF x LoA	-11,4483123	0,013	0,325
CHR9	23794574	CHR9:23794574	SSF x LoA	-9,68799327	-0,003	0,300

CHR9	23794608	CHR9:23794608	SSF x LoA	-10,8798829	-0,037	0,298
CHR9	23794684	CHR9:23794684	SSF x LoA	-6,03149512	-0,034	0,310
CHR9	23795683	CHR9:23795683	SSF x LoA	-8,5106583	0,140	0,305
CHR9	23797646	CHR9:23797646	SSF x LoA	-11,1684834	-0,070	0,303
CHR9	23802608	CHR9:23802608	SSF x LoA	-9,48084643	0,043	0,317
CHR9	23802805	CHR9:23802805	SSF x LoA	-9,20574602	-0,058	0,275
CHR9	23809413	CHR9:23809413	SSF x LoA	-9,87885172	0,013	0,303
CHR9	23809414	CHR9:23809414	SSF x LoA	-6,05871739	0,122	0,297
CHR9	2381107	CHR9:2381107	SSF x LoA	12,8903408	-0,025	0,309
CHR9	2381204	CHR9:2381204	SSF x LoA	-7,50725893	0,054	0,308
CHR9	2381260	CHR9:2381260	SSF x LoA	-1,14130169	-0,032	0,308
CHR9	23828736	CHR9:23828736	SSF x LoA	-11,247738	0,074	0,314
CHR9	23833871	CHR9:23833871	SSF x LoA	-7,03073739	-0,135	0,313
CHR9	23833889	CHR9:23833889	SSF x LoA	-6,72391088	-0,070	0,291
CHR9	2384053	CHR9:2384053	SSF x LoA	-8,89924063	0,170	0,293
CHR9	2384074	CHR9:2384074	SSF x LoA	5,87655836	0,180	0,302
CHR9	23848394	CHR9:23848394	SSF x LoA	-10,72416	-0,044	0,306
CHR9	23849190	CHR9:23849190	SSF x LoA	-8,98037827	-0,045	0,316
CHR9	23855901	CHR9:23855901	SSF x LoA	-10,2978451	0,066	0,309
CHR9	23856188	CHR9:23856188	SSF x LoA	-9,19074926	0,008	0,303
CHR9	23856226	CHR9:23856226	SSF x LoA	-9,66914989	0,010	0,303
CHR9	23858698	CHR9:23858698	SSF x LoA	-7,63494555	0,082	0,309
CHR9	23874940	CHR9:23874940	SSF x LoA	-1,01458905	-0,157	0,301
CHR9	23875573	CHR9:23875573	SSF x LoA	-9,04429178	0,015	0,305
CHR9	23875584	CHR9:23875584	SSF x LoA	-6,57631484	0,040	0,297
CHR9	23890412	CHR9:23890412	SSF x LoA	-9,83644797	0,038	0,294
CHR9	23890492	CHR9:23890492	SSF x LoA	-11,1997982	0,085	0,305
CHR9	2389301	CHR9:2389301	SSF x LoA	-10,036545	-0,028	0,314
CHR9	2389336	CHR9:2389336	SSF x LoA	-9,85896171	0,026	0,305
CHR9	2389399	CHR9:2389399	SSF x LoA	-10,4034778	0,012	0,299
CHR9	23921975	CHR9:23921975	SSF x LoA	-4,55263384	-0,121	0,313
CHR9	23927088	CHR9:23927088	SSF x LoA	-10,0152953	0,039	0,291
CHR9	23930478	CHR9:23930478	SSF x LoA	-9,37733706	0,005	0,309
CHR9	23930509	CHR9:23930509	SSF x LoA	-8,94996209	0,003	0,303
CHR9	23930530	CHR9:23930530	SSF x LoA	-7,66043155	-0,010	0,313
CHR9	23930531	CHR9:23930531	SSF x LoA	-8,25429276	0,001	0,305
CHR9	23930532	CHR9:23930532	SSF x LoA	-7,13304869	-0,008	0,305
CHR9	2394102	CHR9:2394102	SSF x LoA	11,3062124	-0,183	0,305
CHR9	23948399	CHR9:23948399	SSF x LoA	-11,7352064	-0,062	0,306
CHR9	23961696	CHR9:23961696	SSF x LoA	-9,53621561	0,003	0,308
CHR9	23967949	CHR9:23967949	SSF x LoA	-9,11628027	-0,041	0,303
CHR9	23988981	CHR9:23988981	SSF x LoA	-8,14134274	-0,070	0,304
CHR9	23993858	CHR9:23993858	SSF x LoA	-9,29460677	0,044	0,324
CHR9	2399452	CHR9:2399452	SSF x LoA	-10,3411127	-0,034	0,313
CHR9	23996417	CHR9:23996417	SSF x LoA	-9,29615775	-0,047	0,311
CHR9	23996507	CHR9:23996507	SSF x LoA	-10,1303668	-0,141	0,296
CHR9	2399929	CHR9:2399929	SSF x LoA	3,62860436	-0,069	0,306
CHR9	24008455	CHR9:24008455	SSF x LoA	-8,88532847	-0,090	0,294
CHR9	24024583	CHR9:24024583	SSF x LoA	-7,97627715	-0,058	0,307
CHR9	24024662	CHR9:24024662	SSF x LoA	-7,61058955	0,079	0,300
CHR9	24024797	CHR9:24024797	SSF x LoA	-9,13649472	-0,082	0,303
CHR9	2403619	CHR9:2403619	SSF x LoA	-6,67590627	-0,096	0,302
CHR9	2403682	CHR9:2403682	SSF x LoA	-8,2336473	0,127	0,292

CHR9	2403701	CHR9:2403701	SSF x LoA	-5,3030301	0,153	0,307
CHR9	2403810	CHR9:2403810	SSF x LoA	-11,3168662	0,013	0,308
CHR9	2403822	CHR9:2403822	SSF x LoA	-11,2363177	0,010	0,308
CHR9	2403823	CHR9:2403823	SSF x LoA	-11,1451835	0,018	0,313
CHR9	2403824	CHR9:2403824	SSF x LoA	-11,7376089	0,018	0,301
CHR9	24048066	CHR9:24048066	SSF x LoA	-10,076796	-0,108	0,297
CHR9	24048088	CHR9:24048088	SSF x LoA	-5,83208572	-0,016	0,291
CHR9	24048221	CHR9:24048221	SSF x LoA	-7,12724675	0,053	0,310
CHR9	2404900	CHR9:2404900	SSF x LoA	-7,58511766	0,137	0,318
CHR9	24069395	CHR9:24069395	SSF x LoA	-9,26102231	-0,062	0,309
CHR9	24069398	CHR9:24069398	SSF x LoA	-4,66047821	-0,074	0,303
CHR9	24071778	CHR9:24071778	SSF x LoA	-9,69208362	0,043	0,308
CHR9	24071922	CHR9:24071922	SSF x LoA	-10,712675	0,082	0,310
CHR9	24096307	CHR9:24096307	SSF x LoA	-10,7911162	0,048	0,304
CHR9	24096492	CHR9:24096492	SSF x LoA	-9,49878092	-0,085	0,313
CHR9	24096504	CHR9:24096504	SSF x LoA	-10,0323898	-0,006	0,307
CHR9	24096611	CHR9:24096611	SSF x LoA	-8,84514366	0,151	0,296
CHR9	24105060	CHR9:24105060	SSF x LoA	-10,7276825	-0,109	0,302
CHR9	24105095	CHR9:24105095	SSF x LoA	-8,79839982	0,021	0,317
CHR9	24105199	CHR9:24105199	SSF x LoA	-9,81471269	0,068	0,295
CHR9	24105202	CHR9:24105202	SSF x LoA	-11,7995824	0,073	0,302
CHR9	24129639	CHR9:24129639	SSF x LoA	-9,49073881	0,103	0,305
CHR9	24129641	CHR9:24129641	SSF x LoA	-7,92831496	0,065	0,308
CHR9	24129716	CHR9:24129716	SSF x LoA	-10,4673716	0,110	0,315
CHR9	2413060	CHR9:2413060	SSF x LoA	-8,14771781	-0,005	0,322
CHR9	2413080	CHR9:2413080	SSF x LoA	-8,8995534	-0,014	0,310
CHR9	2413102	CHR9:2413102	SSF x LoA	-8,18737973	0,022	0,322
CHR9	2413104	CHR9:2413104	SSF x LoA	-8,21640902	0,005	0,303
CHR9	2413106	CHR9:2413106	SSF x LoA	-8,50034834	-0,008	0,325
CHR9	2413111	CHR9:2413111	SSF x LoA	-8,60664468	0,013	0,319
CHR9	2413115	CHR9:2413115	SSF x LoA	-3,27364741	0,021	0,334
CHR9	2413124	CHR9:2413124	SSF x LoA	-9,39910306	0,003	0,309
CHR9	2413129	CHR9:2413129	SSF x LoA	-8,30449135	0,009	0,319
CHR9	2413131	CHR9:2413131	SSF x LoA	-8,82707281	0,033	0,318
CHR9	2413140	CHR9:2413140	SSF x LoA	-8,86795633	0,005	0,317
CHR9	2413161	CHR9:2413161	SSF x LoA	-8,30159363	-0,005	0,317
CHR9	2413165	CHR9:2413165	SSF x LoA	-8,79866773	0,035	0,313
CHR9	24134571	CHR9:24134571	SSF x LoA	-8,83716399	0,003	0,324
CHR9	24134580	CHR9:24134580	SSF x LoA	-8,17032892	-0,024	0,307
CHR9	24134629	CHR9:24134629	SSF x LoA	-7,67041318	-0,025	0,294
CHR9	24135441	CHR9:24135441	SSF x LoA	-10,7284918	0,074	0,313
CHR9	24139162	CHR9:24139162	SSF x LoA	-9,76962461	-0,062	0,303
CHR9	24139391	CHR9:24139391	SSF x LoA	-10,631343	0,060	0,308
CHR9	24147066	CHR9:24147066	SSF x LoA	-6,51299326	-0,092	0,303
CHR9	24158246	CHR9:24158246	SSF x LoA	-11,1462246	-0,001	0,318
CHR9	24158306	CHR9:24158306	SSF x LoA	-8,04666886	0,062	0,311
CHR9	24158390	CHR9:24158390	SSF x LoA	-10,651099	-0,011	0,311
CHR9	24163304	CHR9:24163304	SSF x LoA	-5,17574106	-0,175	0,287
CHR9	24163446	CHR9:24163446	SSF x LoA	-9,59143869	-0,120	0,302
CHR9	24163469	CHR9:24163469	SSF x LoA	-8,77524594	-0,071	0,296
CHR9	24163559	CHR9:24163559	SSF x LoA	0,22917339	-0,030	0,297
CHR9	24163574	CHR9:24163574	SSF x LoA	-10,2163567	-0,013	0,308
CHR9	24164693	CHR9:24164693	SSF x LoA	-6,30988116	0,131	0,300

CHR9	24164910	CHR9:24164910	SSF x LoA	-10,4822735	0,060	0,315
CHR9	24174807	CHR9:24174807	SSF x LoA	-10,0349099	0,007	0,307
CHR9	24174917	CHR9:24174917	SSF x LoA	-10,0305874	-0,006	0,311
CHR9	24174960	CHR9:24174960	SSF x LoA	-11,0449935	0,057	0,320
CHR9	24177631	CHR9:24177631	SSF x LoA	-8,58521028	0,027	0,312
CHR9	24177709	CHR9:24177709	SSF x LoA	-11,0192881	0,008	0,303
CHR9	24177848	CHR9:24177848	SSF x LoA	-1,31233005	-0,105	0,301
CHR9	24181136	CHR9:24181136	SSF x LoA	-7,23668159	0,025	0,323
CHR9	24181170	CHR9:24181170	SSF x LoA	-7,40653786	-0,062	0,320
CHR9	24181299	CHR9:24181299	SSF x LoA	-7,49873116	0,025	0,313
CHR9	24187471	CHR9:24187471	SSF x LoA	-5,87806874	0,000	0,324
CHR9	24187482	CHR9:24187482	SSF x LoA	-8,96269757	-0,018	0,307
CHR9	24187550	CHR9:24187550	SSF x LoA	-8,63088596	-0,069	0,304
CHR9	24187575	CHR9:24187575	SSF x LoA	-8,42441474	0,019	0,305
CHR9	24188298	CHR9:24188298	SSF x LoA	-8,00351647	-0,087	0,295
CHR9	24188335	CHR9:24188335	SSF x LoA	-7,98397492	-0,104	0,289
CHR9	24188336	CHR9:24188336	SSF x LoA	-7,32657422	-0,041	0,305
CHR9	24188337	CHR9:24188337	SSF x LoA	-6,32153902	-0,116	0,311
CHR9	24188341	CHR9:24188341	SSF x LoA	-7,81247137	-0,096	0,291
CHR9	24197085	CHR9:24197085	SSF x LoA	-8,0702025	0,057	0,306
CHR9	24201737	CHR9:24201737	SSF x LoA	-9,76865133	0,094	0,296
CHR9	24201874	CHR9:24201874	SSF x LoA	-11,0132799	-0,028	0,297
CHR9	24201982	CHR9:24201982	SSF x LoA	-10,5286529	0,027	0,318
CHR9	24201996	CHR9:24201996	SSF x LoA	-8,73820366	-0,135	0,305
CHR9	24217640	CHR9:24217640	SSF x LoA	-7,98806792	0,107	0,295
CHR9	24217648	CHR9:24217648	SSF x LoA	-9,19221167	-0,100	0,283
CHR9	24217693	CHR9:24217693	SSF x LoA	-9,77860174	-0,092	0,288
CHR9	24237734	CHR9:24237734	SSF x LoA	-10,9155088	0,048	0,308
CHR9	24248516	CHR9:24248516	SSF x LoA	-10,2174659	0,059	0,301
CHR9	24248554	CHR9:24248554	SSF x LoA	-8,85542106	-0,085	0,284
CHR9	24248999	CHR9:24248999	SSF x LoA	-8,21753722	0,087	0,306
CHR9	24254969	CHR9:24254969	SSF x LoA	-11,4241669	-0,043	0,306
CHR9	24254970	CHR9:24254970	SSF x LoA	-11,6641046	-0,028	0,311
CHR9	24256990	CHR9:24256990	SSF x LoA	-10,2012809	-0,053	0,302
CHR9	24264828	CHR9:24264828	SSF x LoA	-10,4432731	-0,152	0,296
CHR9	24264997	CHR9:24264997	SSF x LoA	-10,2309742	0,020	0,304
CHR9	24267654	CHR9:24267654	SSF x LoA	-10,1655554	0,088	0,292
CHR9	24267818	CHR9:24267818	SSF x LoA	-9,60019846	-0,043	0,320
CHR9	24271027	CHR9:24271027	SSF x LoA	-7,75522335	0,036	0,314
CHR9	24271110	CHR9:24271110	SSF x LoA	-10,9459308	0,024	0,308
CHR9	2427141	CHR9:2427141	SSF x LoA	-10,3032674	-0,129	0,299
CHR9	2427226	CHR9:2427226	SSF x LoA	-5,70252917	-0,047	0,319
CHR9	24273296	CHR9:24273296	SSF x LoA	-6,14887807	-0,126	0,306
CHR9	24273308	CHR9:24273308	SSF x LoA	-9,55760235	0,010	0,308
CHR9	24273440	CHR9:24273440	SSF x LoA	-11,4276057	-0,001	0,311
CHR9	24273530	CHR9:24273530	SSF x LoA	-9,6072237	-0,059	0,304
CHR9	24273555	CHR9:24273555	SSF x LoA	-5,41270155	-0,048	0,325
CHR9	24289916	CHR9:24289916	SSF x LoA	-9,67170735	0,013	0,319
CHR9	24290134	CHR9:24290134	SSF x LoA	-11,5454251	-0,020	0,308
CHR9	24290899	CHR9:24290899	SSF x LoA	-8,32695455	-0,001	0,300
CHR9	24295055	CHR9:24295055	SSF x LoA	-7,27305772	-0,105	0,316
CHR9	24295058	CHR9:24295058	SSF x LoA	-10,9533478	0,028	0,301
CHR9	24295108	CHR9:24295108	SSF x LoA	-10,3117783	-0,018	0,303

CHR9	24295110	CHR9:24295110	SSF x LoA	-10,3603838	0,056	0,311
CHR9	24295113	CHR9:24295113	SSF x LoA	-8,97179364	-0,018	0,306
CHR9	24295171	CHR9:24295171	SSF x LoA	-11,0287993	-0,075	0,317
CHR9	2430272	CHR9:2430272	SSF x LoA	-4,79766307	0,215	0,294
CHR9	24307085	CHR9:24307085	SSF x LoA	-11,2997585	-0,005	0,316
CHR9	24307099	CHR9:24307099	SSF x LoA	-10,2971853	0,011	0,308
CHR9	24311825	CHR9:24311825	SSF x LoA	-9,45403373	-0,106	0,307
CHR9	24311990	CHR9:24311990	SSF x LoA	-11,1856898	-0,002	0,308
CHR9	24311992	CHR9:24311992	SSF x LoA	-9,30060454	-0,064	0,314
CHR9	24312001	CHR9:24312001	SSF x LoA	-7,26289395	0,110	0,312
CHR9	24330153	CHR9:24330153	SSF x LoA	-7,01737407	-0,133	0,296
CHR9	24341337	CHR9:24341337	SSF x LoA	-9,15713848	0,057	0,310
CHR9	24341354	CHR9:24341354	SSF x LoA	-9,571563	0,020	0,318
CHR9	24341623	CHR9:24341623	SSF x LoA	-9,90388167	0,034	0,309
CHR9	24341626	CHR9:24341626	SSF x LoA	-4,40279196	-0,148	0,303
CHR9	24341659	CHR9:24341659	SSF x LoA	-6,91165273	-0,112	0,312
CHR9	24341712	CHR9:24341712	SSF x LoA	-10,2274172	-0,039	0,315
CHR9	24349396	CHR9:24349396	SSF x LoA	-8,11094929	-0,102	0,300
CHR9	24353282	CHR9:24353282	SSF x LoA	-11,1733827	-0,062	0,304
CHR9	24363693	CHR9:24363693	SSF x LoA	-9,43018551	-0,103	0,273
CHR9	24363806	CHR9:24363806	SSF x LoA	-8,53337118	0,082	0,313
CHR9	2436396	CHR9:2436396	SSF x LoA	-9,30149892	-0,095	0,305
CHR9	2436444	CHR9:2436444	SSF x LoA	-8,82618724	-0,105	0,313
CHR9	24368200	CHR9:24368200	SSF x LoA	-10,0166654	0,093	0,308
CHR9	24368527	CHR9:24368527	SSF x LoA	-9,37549648	0,047	0,305
CHR9	24380418	CHR9:24380418	SSF x LoA	-8,28912402	-0,081	0,299
CHR9	24380479	CHR9:24380479	SSF x LoA	-9,85271395	0,109	0,303
CHR9	24382580	CHR9:24382580	SSF x LoA	-9,53013154	-0,083	0,312
CHR9	24382683	CHR9:24382683	SSF x LoA	-8,24618952	0,027	0,301
CHR9	24396959	CHR9:24396959	SSF x LoA	-8,43196127	-0,174	0,302
CHR9	24410021	CHR9:24410021	SSF x LoA	-6,39715095	0,067	0,309
CHR9	24410589	CHR9:24410589	SSF x LoA	-9,08585737	-0,062	0,302
CHR9	2441749	CHR9:2441749	SSF x LoA	-10,7024823	0,045	0,300
CHR9	24419411	CHR9:24419411	SSF x LoA	-9,62277947	0,030	0,301
CHR9	24424401	CHR9:24424401	SSF x LoA	-8,59407708	-0,134	0,296
CHR9	24424411	CHR9:24424411	SSF x LoA	-8,47146125	0,105	0,309
CHR9	24439067	CHR9:24439067	SSF x LoA	-8,46307237	0,096	0,302
CHR9	24439301	CHR9:24439301	SSF x LoA	-7,46866001	0,019	0,310
CHR9	24460904	CHR9:24460904	SSF x LoA	-8,63959799	0,025	0,308
CHR9	24460915	CHR9:24460915	SSF x LoA	-11,4419723	0,001	0,309
CHR9	24460926	CHR9:24460926	SSF x LoA	-9,31217278	0,099	0,310
CHR9	24461001	CHR9:24461001	SSF x LoA	-8,80548311	0,038	0,307
CHR9	24461046	CHR9:24461046	SSF x LoA	-11,0656454	-0,018	0,308
CHR9	24463202	CHR9:24463202	SSF x LoA	-9,63923793	-0,049	0,300
CHR9	24463388	CHR9:24463388	SSF x LoA	-10,8781074	0,063	0,297
CHR9	24468072	CHR9:24468072	SSF x LoA	-9,05935334	-0,069	0,303
CHR9	24474661	CHR9:24474661	SSF x LoA	-6,88096493	-0,118	0,310
CHR9	24474664	CHR9:24474664	SSF x LoA	-8,36761593	-0,115	0,317
CHR9	24487962	CHR9:24487962	SSF x LoA	-8,58735764	0,095	0,315
CHR9	24492656	CHR9:24492656	SSF x LoA	-9,06481033	-0,019	0,321
CHR9	24492905	CHR9:24492905	SSF x LoA	-8,92986829	-0,005	0,302
CHR9	24500028	CHR9:24500028	SSF x LoA	-9,22005616	-0,156	0,295
CHR9	24500052	CHR9:24500052	SSF x LoA	-7,96698125	0,059	0,316

CHR9	24500062	CHR9:24500062	SSF x LoA	-7,76286071	0,055	0,314
CHR9	24500071	CHR9:24500071	SSF x LoA	-8,56238451	0,032	0,308
CHR9	24500073	CHR9:24500073	SSF x LoA	-8,6327214	0,034	0,306
CHR9	24500252	CHR9:24500252	SSF x LoA	-9,67710008	0,128	0,314
CHR9	24500323	CHR9:24500323	SSF x LoA	-8,19996865	0,025	0,312
CHR9	24502847	CHR9:24502847	SSF x LoA	-10,4926541	0,094	0,316
CHR9	24502937	CHR9:24502937	SSF x LoA	-9,49115881	-0,126	0,310
CHR9	24502942	CHR9:24502942	SSF x LoA	-10,1451721	0,057	0,307
CHR9	24502968	CHR9:24502968	SSF x LoA	-10,8403046	-0,169	0,290
CHR9	24503070	CHR9:24503070	SSF x LoA	-9,857816	-0,069	0,320
CHR9	24504232	CHR9:24504232	SSF x LoA	-5,91857954	-0,162	0,307
CHR9	24505926	CHR9:24505926	SSF x LoA	-11,489402	0,054	0,294
CHR9	24507195	CHR9:24507195	SSF x LoA	-9,38469078	-0,028	0,311
CHR9	24507199	CHR9:24507199	SSF x LoA	-9,28076271	0,018	0,314
CHR9	24507271	CHR9:24507271	SSF x LoA	-12,3701164	0,022	0,303
CHR9	24507284	CHR9:24507284	SSF x LoA	-9,61477881	-0,045	0,283
CHR9	2450818	CHR9:2450818	SSF x LoA	-10,6428939	0,027	0,311
CHR9	24512896	CHR9:24512896	SSF x LoA	-8,97805421	0,103	0,301
CHR9	24515169	CHR9:24515169	SSF x LoA	-8,36311173	0,027	0,306
CHR9	24515175	CHR9:24515175	SSF x LoA	-9,9673163	0,024	0,314
CHR9	24516698	CHR9:24516698	SSF x LoA	-7,63551184	-0,029	0,297
CHR9	24516838	CHR9:24516838	SSF x LoA	-10,4854271	0,068	0,310
CHR9	24531924	CHR9:24531924	SSF x LoA	-9,13640311	-0,036	0,317
CHR9	24531937	CHR9:24531937	SSF x LoA	-9,88117453	0,091	0,301
CHR9	24533600	CHR9:24533600	SSF x LoA	-10,0535235	0,159	0,299
CHR9	24539876	CHR9:24539876	SSF x LoA	-8,4108527	0,105	0,295
CHR9	24540101	CHR9:24540101	SSF x LoA	-9,61705886	0,095	0,302
CHR9	24541972	CHR9:24541972	SSF x LoA	-10,7928108	-0,102	0,316
CHR9	24541973	CHR9:24541973	SSF x LoA	5,83489292	-0,136	0,308
CHR9	24542155	CHR9:24542155	SSF x LoA	-3,94299675	-0,001	0,309
CHR9	2454532	CHR9:2454532	SSF x LoA	-9,38367155	0,000	0,305
CHR9	2454572	CHR9:2454572	SSF x LoA	-8,43515209	-0,013	0,321
CHR9	2454574	CHR9:2454574	SSF x LoA	-6,9673022	-0,083	0,307
CHR9	2454600	CHR9:2454600	SSF x LoA	-8,85613807	0,031	0,309
CHR9	24547452	CHR9:24547452	SSF x LoA	-9,46869251	-0,121	0,298
CHR9	24547458	CHR9:24547458	SSF x LoA	-4,50869787	0,041	0,314
CHR9	24547471	CHR9:24547471	SSF x LoA	-9,98520274	-0,061	0,310
CHR9	24551761	CHR9:24551761	SSF x LoA	-8,31900227	0,192	0,296
CHR9	24552937	CHR9:24552937	SSF x LoA	-10,5147709	0,019	0,301
CHR9	24552987	CHR9:24552987	SSF x LoA	-7,84785344	0,162	0,295
CHR9	24577897	CHR9:24577897	SSF x LoA	-7,9896517	-0,020	0,303
CHR9	24577914	CHR9:24577914	SSF x LoA	-8,43492902	0,109	0,299
CHR9	24577916	CHR9:24577916	SSF x LoA	-7,25577431	0,004	0,324
CHR9	24590696	CHR9:24590696	SSF x LoA	-10,1885984	0,082	0,318
CHR9	24596490	CHR9:24596490	SSF x LoA	-6,58797507	0,164	0,309
CHR9	24596568	CHR9:24596568	SSF x LoA	-6,42502115	0,091	0,299
CHR9	24596601	CHR9:24596601	SSF x LoA	-2,66872199	-0,097	0,298
CHR9	24596635	CHR9:24596635	SSF x LoA	-9,96850281	-0,044	0,301
CHR9	24596650	CHR9:24596650	SSF x LoA	-9,78066204	-0,111	0,306
CHR9	24596660	CHR9:24596660	SSF x LoA	-11,2565905	0,020	0,287
CHR9	24596662	CHR9:24596662	SSF x LoA	-9,85820504	-0,085	0,305
CHR9	24596663	CHR9:24596663	SSF x LoA	-8,30073057	-0,087	0,292
CHR9	24596665	CHR9:24596665	SSF x LoA	-9,66186488	0,046	0,295

CHR9	24596680	CHR9:24596680	SSF x LoA	0,68002449	0,084	0,312
CHR9	24603668	CHR9:24603668	SSF x LoA	-9,1011635	0,028	0,297
CHR9	24611221	CHR9:24611221	SSF x LoA	-10,4902023	-0,101	0,303
CHR9	24612453	CHR9:24612453	SSF x LoA	-9,63701125	-0,042	0,311
CHR9	24612497	CHR9:24612497	SSF x LoA	-10,5179225	-0,037	0,315
CHR9	24612514	CHR9:24612514	SSF x LoA	-9,636286	-0,022	0,298
CHR9	24612549	CHR9:24612549	SSF x LoA	-10,0609148	0,001	0,309
CHR9	24632528	CHR9:24632528	SSF x LoA	-9,06729547	0,028	0,306
CHR9	24632548	CHR9:24632548	SSF x LoA	-8,80016879	0,150	0,294
CHR9	2463724	CHR9:2463724	SSF x LoA	-11,1811674	-0,099	0,281
CHR9	2463858	CHR9:2463858	SSF x LoA	-7,35960075	0,019	0,314
CHR9	2463869	CHR9:2463869	SSF x LoA	-9,18835984	0,025	0,301
CHR9	2463916	CHR9:2463916	SSF x LoA	-7,34360283	0,005	0,323
CHR9	2463943	CHR9:2463943	SSF x LoA	-9,69626634	0,020	0,306
CHR9	2463969	CHR9:2463969	SSF x LoA	-8,57679113	0,053	0,319
CHR9	24647665	CHR9:24647665	SSF x LoA	-9,80333452	-0,096	0,311
CHR9	24652329	CHR9:24652329	SSF x LoA	-9,03638961	-0,069	0,323
CHR9	24654669	CHR9:24654669	SSF x LoA	-9,36953533	-0,061	0,303
CHR9	24654703	CHR9:24654703	SSF x LoA	-9,4801586	-0,059	0,304
CHR9	2465803	CHR9:2465803	SSF x LoA	-9,00569922	-0,030	0,313
CHR9	2465806	CHR9:2465806	SSF x LoA	-10,7082755	0,012	0,316
CHR9	2465855	CHR9:2465855	SSF x LoA	-11,819939	0,039	0,309
CHR9	24659199	CHR9:24659199	SSF x LoA	-9,47133135	0,100	0,296
CHR9	24659257	CHR9:24659257	SSF x LoA	-9,67885218	-0,049	0,306
CHR9	24659262	CHR9:24659262	SSF x LoA	-10,3448018	0,091	0,308
CHR9	24659328	CHR9:24659328	SSF x LoA	-7,74264984	0,187	0,300
CHR9	24659451	CHR9:24659451	SSF x LoA	-10,6719683	-0,004	0,304
CHR9	24661566	CHR9:24661566	SSF x LoA	-9,59083003	0,061	0,318
CHR9	24671993	CHR9:24671993	SSF x LoA	-8,0764093	0,028	0,315
CHR9	24672052	CHR9:24672052	SSF x LoA	-11,2764689	0,008	0,293
CHR9	24672076	CHR9:24672076	SSF x LoA	-6,22749552	0,046	0,308
CHR9	24685058	CHR9:24685058	SSF x LoA	-10,5691277	-0,128	0,305
CHR9	24685063	CHR9:24685063	SSF x LoA	-8,25524023	-0,110	0,318
CHR9	24685204	CHR9:24685204	SSF x LoA	-8,99467383	0,001	0,306
CHR9	24685431	CHR9:24685431	SSF x LoA	-6,97247813	0,034	0,316
CHR9	24685493	CHR9:24685493	SSF x LoA	-8,80912299	-0,025	0,302
CHR9	24689227	CHR9:24689227	SSF x LoA	-6,69205727	-0,221	0,293
CHR9	24689261	CHR9:24689261	SSF x LoA	-8,22665654	0,222	0,293
CHR9	24696763	CHR9:24696763	SSF x LoA	-8,86975406	-0,037	0,310
CHR9	24696770	CHR9:24696770	SSF x LoA	-11,3415274	-0,053	0,295
CHR9	24696797	CHR9:24696797	SSF x LoA	-8,6983171	0,020	0,291
CHR9	24696808	CHR9:24696808	SSF x LoA	-9,57399546	-0,018	0,290
CHR9	24696809	CHR9:24696809	SSF x LoA	-9,72338949	-0,071	0,305
CHR9	24696880	CHR9:24696880	SSF x LoA	-9,84605411	-0,002	0,312
CHR9	24708044	CHR9:24708044	SSF x LoA	-12,0854855	-0,083	0,306
CHR9	24708048	CHR9:24708048	SSF x LoA	-10,8585368	-0,111	0,306
CHR9	24712251	CHR9:24712251	SSF x LoA	-8,27053607	-0,103	0,302
CHR9	24712473	CHR9:24712473	SSF x LoA	-8,75962263	-0,033	0,295
CHR9	24715931	CHR9:24715931	SSF x LoA	-9,1029597	0,042	0,313
CHR9	24715976	CHR9:24715976	SSF x LoA	-9,64100352	0,041	0,300
CHR9	24717774	CHR9:24717774	SSF x LoA	-11,8911433	-0,041	0,302
CHR9	24752347	CHR9:24752347	SSF x LoA	-8,89730448	0,061	0,302
CHR9	24752369	CHR9:24752369	SSF x LoA	-8,37958841	-0,082	0,299

CHR9	24752630	CHR9:24752630	SSF x LoA	-10,4149407	-0,180	0,296
CHR9	24762743	CHR9:24762743	SSF x LoA	-9,35027383	0,012	0,319
CHR9	24765411	CHR9:24765411	SSF x LoA	-10,0238045	0,042	0,298
CHR9	2477298	CHR9:2477298	SSF x LoA	-8,35697489	-0,163	0,300
CHR9	24779035	CHR9:24779035	SSF x LoA	-9,14995961	-0,062	0,321
CHR9	24781907	CHR9:24781907	SSF x LoA	-7,20213072	-0,053	0,316
CHR9	24781913	CHR9:24781913	SSF x LoA	-8,40701381	-0,075	0,318
CHR9	24781949	CHR9:24781949	SSF x LoA	-10,8797776	-0,049	0,311
CHR9	24781976	CHR9:24781976	SSF x LoA	-10,709176	0,026	0,295
CHR9	24782070	CHR9:24782070	SSF x LoA	-5,51983883	-0,032	0,304
CHR9	24787267	CHR9:24787267	SSF x LoA	-11,4550711	-0,073	0,316
CHR9	24787309	CHR9:24787309	SSF x LoA	-8,41356916	0,065	0,297
CHR9	24787310	CHR9:24787310	SSF x LoA	-1,70656127	0,051	0,320
CHR9	24789955	CHR9:24789955	SSF x LoA	-9,10613402	-0,126	0,303
CHR9	24789994	CHR9:24789994	SSF x LoA	-10,23072	0,011	0,298
CHR9	24790105	CHR9:24790105	SSF x LoA	-9,10891275	-0,027	0,310
CHR9	2480239	CHR9:2480239	SSF x LoA	-8,66355857	0,076	0,307
CHR9	2480807	CHR9:2480807	SSF x LoA	-10,951382	-0,035	0,310
CHR9	2480919	CHR9:2480919	SSF x LoA	-10,3390046	-0,054	0,306
CHR9	24809794	CHR9:24809794	SSF x LoA	-7,53864475	-0,049	0,328
CHR9	24815896	CHR9:24815896	SSF x LoA	-10,5116412	-0,013	0,316
CHR9	24816068	CHR9:24816068	SSF x LoA	-10,1403525	0,016	0,312
CHR9	24816200	CHR9:24816200	SSF x LoA	-10,1453542	-0,053	0,295
CHR9	24816225	CHR9:24816225	SSF x LoA	-10,6789595	0,073	0,311
CHR9	24816268	CHR9:24816268	SSF x LoA	-9,29369148	-0,029	0,301
CHR9	24830565	CHR9:24830565	SSF x LoA	-9,4034922	-0,020	0,308
CHR9	24830657	CHR9:24830657	SSF x LoA	-5,12676987	-0,052	0,297
CHR9	24830722	CHR9:24830722	SSF x LoA	-8,60344614	-0,083	0,298
CHR9	24855296	CHR9:24855296	SSF x LoA	-6,6856088	0,080	0,299
CHR9	24855419	CHR9:24855419	SSF x LoA	-9,19187741	0,105	0,299
CHR9	24855436	CHR9:24855436	SSF x LoA	-10,3444219	-0,069	0,315
CHR9	24856153	CHR9:24856153	SSF x LoA	-9,62779808	0,078	0,302
CHR9	24856167	CHR9:24856167	SSF x LoA	-7,63671552	0,064	0,306
CHR9	24856270	CHR9:24856270	SSF x LoA	-6,82469444	-0,079	0,304
CHR9	24857106	CHR9:24857106	SSF x LoA	-9,8563199	0,084	0,305
CHR9	24857152	CHR9:24857152	SSF x LoA	-10,5439258	-0,037	0,295
CHR9	24859908	CHR9:24859908	SSF x LoA	-6,88216236	0,039	0,312
CHR9	24863387	CHR9:24863387	SSF x LoA	-10,798221	-0,015	0,305
CHR9	24863593	CHR9:24863593	SSF x LoA	-2,61399287	0,057	0,298
CHR9	24863674	CHR9:24863674	SSF x LoA	-10,9196771	0,043	0,285
CHR9	24863687	CHR9:24863687	SSF x LoA	-10,0838978	-0,093	0,305
CHR9	24863696	CHR9:24863696	SSF x LoA	-9,07233152	0,000	0,311
CHR9	24866159	CHR9:24866159	SSF x LoA	-10,7421195	-0,102	0,300
CHR9	24866267	CHR9:24866267	SSF x LoA	-10,7395563	0,005	0,292
CHR9	24866278	CHR9:24866278	SSF x LoA	-6,56541376	0,038	0,306
CHR9	24866290	CHR9:24866290	SSF x LoA	-9,16881197	0,048	0,304
CHR9	24866298	CHR9:24866298	SSF x LoA	-9,01390514	-0,039	0,301
CHR9	24866304	CHR9:24866304	SSF x LoA	-10,8220515	0,005	0,313
CHR9	24866362	CHR9:24866362	SSF x LoA	-9,94177248	0,035	0,306
CHR9	24866370	CHR9:24866370	SSF x LoA	-9,43063125	0,035	0,308
CHR9	24878757	CHR9:24878757	SSF x LoA	-8,92722156	-0,057	0,304
CHR9	2488645	CHR9:2488645	SSF x LoA	-11,2045116	0,016	0,306
CHR9	2488664	CHR9:2488664	SSF x LoA	-7,25388788	-0,207	0,293

CHR9	2488672	CHR9:2488672	SSF x LoA	-8,27283788	-0,045	0,310
CHR9	2488704	CHR9:2488704	SSF x LoA	-8,11683427	0,068	0,312
CHR9	2488720	CHR9:2488720	SSF x LoA	-11,1419874	-0,070	0,301
CHR9	2488729	CHR9:2488729	SSF x LoA	-10,0130974	0,077	0,306
CHR9	2488926	CHR9:2488926	SSF x LoA	-11,5117988	-0,038	0,302
CHR9	2488975	CHR9:2488975	SSF x LoA	-10,614129	-0,094	0,302
CHR9	24891163	CHR9:24891163	SSF x LoA	-9,81436576	0,002	0,303
CHR9	24899351	CHR9:24899351	SSF x LoA	-9,46966749	-0,047	0,308
CHR9	24905260	CHR9:24905260	SSF x LoA	-12,0652688	0,037	0,303
CHR9	24905360	CHR9:24905360	SSF x LoA	-10,8855287	-0,024	0,290
CHR9	24910043	CHR9:24910043	SSF x LoA	-9,42248362	0,058	0,304
CHR9	24910131	CHR9:24910131	SSF x LoA	-9,15234504	-0,007	0,295
CHR9	24910321	CHR9:24910321	SSF x LoA	-7,7869134	-0,021	0,301
CHR9	24913655	CHR9:24913655	SSF x LoA	-8,49734806	0,057	0,321
CHR9	24913663	CHR9:24913663	SSF x LoA	-8,3297075	0,087	0,292
CHR9	2491679	CHR9:2491679	SSF x LoA	-2,60718193	0,236	0,301
CHR9	2491695	CHR9:2491695	SSF x LoA	-9,46122469	0,000	0,307
CHR9	2491723	CHR9:2491723	SSF x LoA	-10,0525571	0,081	0,322
CHR9	2491739	CHR9:2491739	SSF x LoA	-7,83439333	-0,116	0,307
CHR9	2491750	CHR9:2491750	SSF x LoA	-11,1523001	0,090	0,300
CHR9	2491760	CHR9:2491760	SSF x LoA	-8,26635235	-0,016	0,308
CHR9	2491789	CHR9:2491789	SSF x LoA	-10,5025679	0,096	0,299
CHR9	2491811	CHR9:2491811	SSF x LoA	-11,8012622	-0,028	0,302
CHR9	24919960	CHR9:24919960	SSF x LoA	-9,52303381	0,032	0,303
CHR9	24919995	CHR9:24919995	SSF x LoA	-11,5241734	-0,001	0,305
CHR9	24920003	CHR9:24920003	SSF x LoA	-11,0385416	-0,018	0,302
CHR9	24932008	CHR9:24932008	SSF x LoA	-10,5029072	0,032	0,298
CHR9	24932134	CHR9:24932134	SSF x LoA	-9,53080772	-0,098	0,307
CHR9	24932181	CHR9:24932181	SSF x LoA	-8,91235798	-0,078	0,301
CHR9	24932247	CHR9:24932247	SSF x LoA	-10,4847876	0,091	0,306
CHR9	24936650	CHR9:24936650	SSF x LoA	-10,2156917	-0,036	0,308
CHR9	24938385	CHR9:24938385	SSF x LoA	-9,16761754	0,056	0,306
CHR9	24938466	CHR9:24938466	SSF x LoA	-10,6280386	0,058	0,310
CHR9	24947838	CHR9:24947838	SSF x LoA	-11,0260898	0,055	0,299
CHR9	24947851	CHR9:24947851	SSF x LoA	-11,529693	-0,035	0,300
CHR9	24947911	CHR9:24947911	SSF x LoA	-10,2272109	-0,168	0,301
CHR9	24950421	CHR9:24950421	SSF x LoA	-10,5791194	0,094	0,318
CHR9	24960257	CHR9:24960257	SSF x LoA	-7,97813805	0,009	0,324
CHR9	24960460	CHR9:24960460	SSF x LoA	-9,3322246	-0,050	0,303
CHR9	24960488	CHR9:24960488	SSF x LoA	-9,2421278	0,061	0,310
CHR9	24962703	CHR9:24962703	SSF x LoA	-8,67239177	0,076	0,306
CHR9	24962715	CHR9:24962715	SSF x LoA	-11,009542	-0,049	0,291
CHR9	24966215	CHR9:24966215	SSF x LoA	-8,03268166	-0,101	0,291
CHR9	24970458	CHR9:24970458	SSF x LoA	-8,53632718	-0,046	0,305
CHR9	24975118	CHR9:24975118	SSF x LoA	-8,85208308	0,065	0,300
CHR9	2498300	CHR9:2498300	SSF x LoA	-10,6337063	-0,054	0,307
CHR9	249836	CHR9:249836	SSF x LoA	-7,8577765	0,126	0,308
CHR9	24984457	CHR9:24984457	SSF x LoA	-7,55223144	0,076	0,305
CHR9	24985381	CHR9:24985381	SSF x LoA	-10,4036961	-0,039	0,309
CHR9	24985394	CHR9:24985394	SSF x LoA	-8,49438704	0,000	0,319
CHR9	24985398	CHR9:24985398	SSF x LoA	-4,72530077	-0,019	0,310
CHR9	24987166	CHR9:24987166	SSF x LoA	-10,8730993	0,068	0,313
CHR9	24987405	CHR9:24987405	SSF x LoA	-11,4785188	0,034	0,301

CHR9	24987419	CHR9:24987419	SSF x LoA	-6,3833931	0,106	0,322
CHR9	2498793	CHR9:2498793	SSF x LoA	-10,3963424	-0,076	0,299
CHR9	2498799	CHR9:2498799	SSF x LoA	-8,66364056	0,061	0,317
CHR9	2498804	CHR9:2498804	SSF x LoA	-9,29325	-0,035	0,308
CHR9	2498876	CHR9:2498876	SSF x LoA	-9,24763755	-0,078	0,298
CHR9	2498904	CHR9:2498904	SSF x LoA	-8,10337693	-0,125	0,292
CHR9	2498913	CHR9:2498913	SSF x LoA	-6,76202993	-0,120	0,299
CHR9	24998611	CHR9:24998611	SSF x LoA	-8,67298071	-0,060	0,315
CHR9	24998648	CHR9:24998648	SSF x LoA	-8,92799382	-0,022	0,305
CHR9	25025713	CHR9:25025713	SSF x LoA	-8,80700361	0,153	0,313
CHR9	25025751	CHR9:25025751	SSF x LoA	-9,4297132	-0,066	0,310
CHR9	25025753	CHR9:25025753	SSF x LoA	-10,9049751	-0,032	0,289
CHR9	25025839	CHR9:25025839	SSF x LoA	-10,1236234	-0,066	0,295
CHR9	25025846	CHR9:25025846	SSF x LoA	-8,54009319	-0,017	0,321
CHR9	25030387	CHR9:25030387	SSF x LoA	-8,39519386	0,011	0,300
CHR9	25056263	CHR9:25056263	SSF x LoA	-9,09258261	0,079	0,298
CHR9	25056392	CHR9:25056392	SSF x LoA	-6,84984114	0,167	0,294
CHR9	25056442	CHR9:25056442	SSF x LoA	-3,70926619	-0,148	0,301
CHR9	25056518	CHR9:25056518	SSF x LoA	-6,12382107	0,233	0,289
CHR9	25056530	CHR9:25056530	SSF x LoA	-8,5425906	-0,048	0,304
CHR9	25062910	CHR9:25062910	SSF x LoA	-9,66659336	0,042	0,303
CHR9	25062946	CHR9:25062946	SSF x LoA	-11,6490068	-0,002	0,308
CHR9	25064787	CHR9:25064787	SSF x LoA	-8,51876232	-0,008	0,300
CHR9	25078641	CHR9:25078641	SSF x LoA	-8,57909513	0,117	0,301
CHR9	25078645	CHR9:25078645	SSF x LoA	-5,00675392	-0,085	0,314
CHR9	25078660	CHR9:25078660	SSF x LoA	-8,157416	0,078	0,305
CHR9	25078668	CHR9:25078668	SSF x LoA	-5,4025084	-0,076	0,301
CHR9	25078669	CHR9:25078669	SSF x LoA	-10,0115033	0,013	0,301
CHR9	25078718	CHR9:25078718	SSF x LoA	-9,26283253	-0,078	0,322
CHR9	25078720	CHR9:25078720	SSF x LoA	-5,15394096	-0,089	0,302
CHR9	25078804	CHR9:25078804	SSF x LoA	-10,9023584	-0,090	0,302
CHR9	25080749	CHR9:25080749	SSF x LoA	-11,6081442	-0,013	0,316
CHR9	25080858	CHR9:25080858	SSF x LoA	-11,0622666	-0,002	0,315
CHR9	2508364	CHR9:2508364	SSF x LoA	-8,31095676	-0,104	0,300
CHR9	2508395	CHR9:2508395	SSF x LoA	-7,15892368	-0,086	0,302
CHR9	2508442	CHR9:2508442	SSF x LoA	-8,17665414	-0,019	0,322
CHR9	25087292	CHR9:25087292	SSF x LoA	-7,36907083	0,090	0,309
CHR9	25087320	CHR9:25087320	SSF x LoA	-12,2081292	-0,038	0,290
CHR9	25087368	CHR9:25087368	SSF x LoA	-9,2075483	0,090	0,314
CHR9	25089434	CHR9:25089434	SSF x LoA	-9,51109396	0,144	0,300
CHR9	25089471	CHR9:25089471	SSF x LoA	-10,9767823	0,109	0,300
CHR9	25089474	CHR9:25089474	SSF x LoA	-8,63931245	-0,089	0,313
CHR9	25105341	CHR9:25105341	SSF x LoA	-8,08149042	0,112	0,292
CHR9	25105342	CHR9:25105342	SSF x LoA	-9,38043999	0,083	0,285
CHR9	25107520	CHR9:25107520	SSF x LoA	-10,9115817	-0,047	0,306
CHR9	25107525	CHR9:25107525	SSF x LoA	-6,80706209	0,040	0,311
CHR9	25110769	CHR9:25110769	SSF x LoA	-7,85687152	-0,057	0,315
CHR9	25136957	CHR9:25136957	SSF x LoA	-8,37064552	-0,086	0,305
CHR9	2513757	CHR9:2513757	SSF x LoA	-11,3348391	0,036	0,300
CHR9	2513798	CHR9:2513798	SSF x LoA	-4,40847384	0,023	0,310
CHR9	2513829	CHR9:2513829	SSF x LoA	-9,09560039	0,058	0,310
CHR9	2513874	CHR9:2513874	SSF x LoA	-8,45236448	0,051	0,304
CHR9	25138760	CHR9:25138760	SSF x LoA	-8,28289854	0,122	0,287

CHR9	25138809	CHR9:25138809	SSF x LoA	-0,60096537	-0,269	0,293
CHR9	25138865	CHR9:25138865	SSF x LoA	-7,83143103	0,032	0,289
CHR9	25145617	CHR9:25145617	SSF x LoA	-10,1606027	-0,077	0,297
CHR9	2515208	CHR9:2515208	SSF x LoA	-9,32685381	-0,100	0,304
CHR9	25152802	CHR9:25152802	SSF x LoA	-8,74521184	-0,110	0,309
CHR9	2515316	CHR9:2515316	SSF x LoA	-10,5451143	-0,071	0,304
CHR9	25153380	CHR9:25153380	SSF x LoA	-11,5981934	0,035	0,303
CHR9	2515340	CHR9:2515340	SSF x LoA	-10,7255817	0,059	0,301
CHR9	25153542	CHR9:25153542	SSF x LoA	-10,1342643	0,029	0,298
CHR9	25161975	CHR9:25161975	SSF x LoA	-8,46480671	-0,037	0,301
CHR9	25166879	CHR9:25166879	SSF x LoA	-8,60795715	-0,027	0,307
CHR9	25166911	CHR9:25166911	SSF x LoA	-10,2769912	0,035	0,299
CHR9	25170475	CHR9:25170475	SSF x LoA	6,48326591	-0,093	0,297
CHR9	25170477	CHR9:25170477	SSF x LoA	-8,39339553	-0,002	0,300
CHR9	25170545	CHR9:25170545	SSF x LoA	-4,23189347	-0,052	0,296
CHR9	25179901	CHR9:25179901	SSF x LoA	-9,9524191	0,136	0,300
CHR9	25179959	CHR9:25179959	SSF x LoA	-9,12319736	0,001	0,312
CHR9	25180024	CHR9:25180024	SSF x LoA	-11,0207006	-0,013	0,309
CHR9	25199652	CHR9:25199652	SSF x LoA	-9,28550776	0,018	0,306
CHR9	25199653	CHR9:25199653	SSF x LoA	-8,86895091	0,000	0,313
CHR9	25199694	CHR9:25199694	SSF x LoA	-10,2732318	0,046	0,309
CHR9	25199716	CHR9:25199716	SSF x LoA	-10,2778816	0,074	0,299
CHR9	25199720	CHR9:25199720	SSF x LoA	-10,8849656	0,017	0,302
CHR9	2520203	CHR9:2520203	SSF x LoA	-9,03706888	-0,015	0,309
CHR9	2520258	CHR9:2520258	SSF x LoA	-11,2317377	-0,051	0,306
CHR9	25203885	CHR9:25203885	SSF x LoA	-7,531347	0,136	0,304
CHR9	25203911	CHR9:25203911	SSF x LoA	-11,8418493	0,007	0,298
CHR9	25211079	CHR9:25211079	SSF x LoA	-11,07098	-0,044	0,309
CHR9	25211243	CHR9:25211243	SSF x LoA	-11,0161486	0,062	0,305
CHR9	25211279	CHR9:25211279	SSF x LoA	-10,8102196	-0,014	0,299
CHR9	25231993	CHR9:25231993	SSF x LoA	-9,68920615	0,053	0,307
CHR9	25232004	CHR9:25232004	SSF x LoA	-9,42640722	0,082	0,305
CHR9	25232018	CHR9:25232018	SSF x LoA	-10,8488385	-0,025	0,304
CHR9	25232378	CHR9:25232378	SSF x LoA	-8,17797739	-0,152	0,300
CHR9	25243403	CHR9:25243403	SSF x LoA	-8,85287827	-0,059	0,311
CHR9	25243416	CHR9:25243416	SSF x LoA	-5,50832262	-0,117	0,310
CHR9	25243419	CHR9:25243419	SSF x LoA	-11,7298127	-0,018	0,310
CHR9	25243430	CHR9:25243430	SSF x LoA	-10,6382813	-0,076	0,296
CHR9	25243451	CHR9:25243451	SSF x LoA	-8,88018269	0,017	0,317
CHR9	25243452	CHR9:25243452	SSF x LoA	-9,95868181	-0,061	0,309
CHR9	25243478	CHR9:25243478	SSF x LoA	-8,803121	0,052	0,289
CHR9	25253602	CHR9:25253602	SSF x LoA	-11,3370002	0,037	0,310
CHR9	25253677	CHR9:25253677	SSF x LoA	-9,83845611	-0,035	0,310
CHR9	25253783	CHR9:25253783	SSF x LoA	-9,79296454	-0,049	0,308
CHR9	25253828	CHR9:25253828	SSF x LoA	-11,2638072	-0,020	0,306
CHR9	25253874	CHR9:25253874	SSF x LoA	-9,99286125	0,043	0,306
CHR9	25253933	CHR9:25253933	SSF x LoA	-8,55698344	-0,124	0,319
CHR9	25253936	CHR9:25253936	SSF x LoA	-8,94606709	0,005	0,316
CHR9	25255193	CHR9:25255193	SSF x LoA	-11,8557758	0,013	0,307
CHR9	25255228	CHR9:25255228	SSF x LoA	-10,4816576	-0,036	0,299
CHR9	25255307	CHR9:25255307	SSF x LoA	-5,45528552	0,063	0,299
CHR9	25258806	CHR9:25258806	SSF x LoA	-8,30553223	0,097	0,314
CHR9	25259955	CHR9:25259955	SSF x LoA	-11,2992982	-0,061	0,307

CHR9	25260019	CHR9:25260019	SSF x LoA	-8,94773789	0,097	0,303
CHR9	25264336	CHR9:25264336	SSF x LoA	-8,64648812	0,155	0,285
CHR9	25264352	CHR9:25264352	SSF x LoA	-7,40032218	0,167	0,288
CHR9	25264356	CHR9:25264356	SSF x LoA	-7,83837767	0,194	0,294
CHR9	25264389	CHR9:25264389	SSF x LoA	-8,63669012	0,160	0,283
CHR9	25264405	CHR9:25264405	SSF x LoA	8,88128899	-0,127	0,318
CHR9	25266188	CHR9:25266188	SSF x LoA	-10,0034382	0,079	0,315
CHR9	25288062	CHR9:25288062	SSF x LoA	-11,470732	-0,019	0,304
CHR9	25288112	CHR9:25288112	SSF x LoA	-10,5801704	-0,144	0,297
CHR9	25288902	CHR9:25288902	SSF x LoA	-9,15399361	-0,062	0,299
CHR9	25288921	CHR9:25288921	SSF x LoA	-10,3665654	0,009	0,304
CHR9	25288932	CHR9:25288932	SSF x LoA	-11,049991	-0,064	0,311
CHR9	25295480	CHR9:25295480	SSF x LoA	-10,1309885	-0,022	0,317
CHR9	25295535	CHR9:25295535	SSF x LoA	-7,7595314	-0,054	0,316
CHR9	25295581	CHR9:25295581	SSF x LoA	-10,497586	-0,040	0,302
CHR9	25295654	CHR9:25295654	SSF x LoA	-8,92685217	0,072	0,304
CHR9	25295656	CHR9:25295656	SSF x LoA	-10,6824227	0,024	0,301
CHR9	25295679	CHR9:25295679	SSF x LoA	-5,7219701	-0,087	0,316
CHR9	25295704	CHR9:25295704	SSF x LoA	-6,1209067	0,040	0,303
CHR9	25301770	CHR9:25301770	SSF x LoA	-6,08627232	-0,058	0,311
CHR9	25303720	CHR9:25303720	SSF x LoA	-9,89749462	-0,024	0,309
CHR9	25303721	CHR9:25303721	SSF x LoA	-8,92116324	-0,018	0,314
CHR9	25312036	CHR9:25312036	SSF x LoA	-8,4606462	0,068	0,311
CHR9	25312246	CHR9:25312246	SSF x LoA	-10,8701727	0,011	0,296
CHR9	2532160	CHR9:2532160	SSF x LoA	-12,2503902	0,017	0,299
CHR9	2532196	CHR9:2532196	SSF x LoA	-10,6141553	-0,075	0,312
CHR9	2532226	CHR9:2532226	SSF x LoA	-10,4024626	0,020	0,290
CHR9	25322738	CHR9:25322738	SSF x LoA	-10,8822572	0,044	0,295
CHR9	25334125	CHR9:25334125	SSF x LoA	-10,3174495	0,039	0,308
CHR9	25334191	CHR9:25334191	SSF x LoA	-7,95977668	-0,015	0,303
CHR9	25334221	CHR9:25334221	SSF x LoA	-11,4582508	-0,075	0,308
CHR9	25334247	CHR9:25334247	SSF x LoA	-8,86004133	-0,052	0,311
CHR9	25335157	CHR9:25335157	SSF x LoA	-9,25756983	0,009	0,296
CHR9	25335187	CHR9:25335187	SSF x LoA	-9,70553972	-0,125	0,300
CHR9	25341429	CHR9:25341429	SSF x LoA	-7,37234783	0,015	0,310
CHR9	25341483	CHR9:25341483	SSF x LoA	-9,77708681	0,043	0,293
CHR9	25341557	CHR9:25341557	SSF x LoA	-10,6213963	-0,049	0,311
CHR9	25345320	CHR9:25345320	SSF x LoA	-7,14593915	0,157	0,304
CHR9	25345399	CHR9:25345399	SSF x LoA	-10,0960795	-0,009	0,310
CHR9	25346139	CHR9:25346139	SSF x LoA	-9,84440122	-0,076	0,309
CHR9	25347314	CHR9:25347314	SSF x LoA	-9,40650242	0,025	0,309
CHR9	25347364	CHR9:25347364	SSF x LoA	-8,80374957	0,018	0,300
CHR9	25347378	CHR9:25347378	SSF x LoA	-8,95514923	0,075	0,300
CHR9	25347433	CHR9:25347433	SSF x LoA	-7,88943775	-0,093	0,292
CHR9	25347445	CHR9:25347445	SSF x LoA	-9,01012898	-0,012	0,314
CHR9	25348347	CHR9:25348347	SSF x LoA	-12,3032448	-0,060	0,300
CHR9	25351138	CHR9:25351138	SSF x LoA	-8,45716305	-0,082	0,300
CHR9	25351150	CHR9:25351150	SSF x LoA	-4,74708248	-0,053	0,295
CHR9	25351184	CHR9:25351184	SSF x LoA	-7,19954035	0,111	0,313
CHR9	25351197	CHR9:25351197	SSF x LoA	-9,86596185	0,041	0,318
CHR9	25351199	CHR9:25351199	SSF x LoA	-8,89986694	0,073	0,309
CHR9	25360538	CHR9:25360538	SSF x LoA	-11,5215531	0,016	0,314
CHR9	25360712	CHR9:25360712	SSF x LoA	-8,44946996	0,142	0,304

CHR9	25360718	CHR9:25360718	SSF x LoA	-7,40360473	0,111	0,313
CHR9	25362024	CHR9:25362024	SSF x LoA	-9,12553322	-0,112	0,298
CHR9	25362117	CHR9:25362117	SSF x LoA	-8,61621005	-0,105	0,307
CHR9	25362166	CHR9:25362166	SSF x LoA	-8,03662632	0,133	0,305
CHR9	25362194	CHR9:25362194	SSF x LoA	-11,2760308	0,071	0,300
CHR9	25362229	CHR9:25362229	SSF x LoA	-8,30827383	0,024	0,312
CHR9	25364038	CHR9:25364038	SSF x LoA	-8,12454226	-0,031	0,301
CHR9	25376337	CHR9:25376337	SSF x LoA	-8,59476341	0,002	0,316
CHR9	25378993	CHR9:25378993	SSF x LoA	-12,250085	-0,020	0,303
CHR9	25388137	CHR9:25388137	SSF x LoA	-10,4324646	0,049	0,311
CHR9	25388183	CHR9:25388183	SSF x LoA	-8,29267201	-0,058	0,296
CHR9	25388210	CHR9:25388210	SSF x LoA	-10,5128083	-0,084	0,307
CHR9	25389227	CHR9:25389227	SSF x LoA	-10,1033466	-0,077	0,309
CHR9	25390309	CHR9:25390309	SSF x LoA	-12,1206774	0,019	0,298
CHR9	25390333	CHR9:25390333	SSF x LoA	-10,4509597	-0,099	0,302
CHR9	25393157	CHR9:25393157	SSF x LoA	-10,3104178	-0,016	0,322
CHR9	25393234	CHR9:25393234	SSF x LoA	-7,55950787	-0,018	0,297
CHR9	25395330	CHR9:25395330	SSF x LoA	-7,55693988	-0,037	0,314
CHR9	25395339	CHR9:25395339	SSF x LoA	-8,68646704	0,039	0,303
CHR9	25395345	CHR9:25395345	SSF x LoA	-9,75237882	0,033	0,298
CHR9	2540257	CHR9:2540257	SSF x LoA	-7,14317782	-0,186	0,286
CHR9	2540354	CHR9:2540354	SSF x LoA	-8,69503465	-0,188	0,307
CHR9	2540455	CHR9:2540455	SSF x LoA	-9,24980663	0,031	0,308
CHR9	25404921	CHR9:25404921	SSF x LoA	-11,3623108	0,034	0,300
CHR9	2540499	CHR9:2540499	SSF x LoA	-8,28141372	0,104	0,297
CHR9	25406147	CHR9:25406147	SSF x LoA	-8,23271144	0,133	0,294
CHR9	25406169	CHR9:25406169	SSF x LoA	-10,2803764	0,084	0,299
CHR9	25406211	CHR9:25406211	SSF x LoA	-8,4618254	-0,082	0,303
CHR9	25406214	CHR9:25406214	SSF x LoA	-8,662064	-0,095	0,313
CHR9	25406218	CHR9:25406218	SSF x LoA	-6,22207761	-0,083	0,296
CHR9	25408380	CHR9:25408380	SSF x LoA	-7,78842876	0,103	0,300
CHR9	25413028	CHR9:25413028	SSF x LoA	-11,1844565	-0,072	0,295
CHR9	25413151	CHR9:25413151	SSF x LoA	-9,56341783	0,016	0,307
CHR9	25421104	CHR9:25421104	SSF x LoA	-8,26192675	-0,029	0,305
CHR9	25421132	CHR9:25421132	SSF x LoA	-8,85524264	-0,080	0,317
CHR9	25422012	CHR9:25422012	SSF x LoA	-10,2592177	-0,009	0,294
CHR9	25422046	CHR9:25422046	SSF x LoA	-11,0036515	-0,033	0,301
CHR9	25422054	CHR9:25422054	SSF x LoA	-10,2692029	0,041	0,306
CHR9	25434304	CHR9:25434304	SSF x LoA	-8,52953459	0,084	0,295
CHR9	25434412	CHR9:25434412	SSF x LoA	-11,1980131	0,068	0,296
CHR9	25445945	CHR9:25445945	SSF x LoA	-10,019919	-0,049	0,307
CHR9	25445992	CHR9:25445992	SSF x LoA	-10,9628228	-0,026	0,300
CHR9	25446032	CHR9:25446032	SSF x LoA	-9,8782276	-0,054	0,292
CHR9	25446060	CHR9:25446060	SSF x LoA	-7,8114541	-0,135	0,292
CHR9	25453033	CHR9:25453033	SSF x LoA	-8,975289	-0,048	0,305
CHR9	25454125	CHR9:25454125	SSF x LoA	-9,46475251	0,045	0,298
CHR9	25454135	CHR9:25454135	SSF x LoA	-4,50288083	0,127	0,307
CHR9	25454157	CHR9:25454157	SSF x LoA	-8,17823195	0,048	0,315
CHR9	25454311	CHR9:25454311	SSF x LoA	-12,1643691	0,009	0,302
CHR9	2545786	CHR9:2545786	SSF x LoA	-10,0850907	0,001	0,310
CHR9	25460406	CHR9:25460406	SSF x LoA	-8,85351767	0,016	0,308
CHR9	25460422	CHR9:25460422	SSF x LoA	-9,6409448	-0,004	0,309
CHR9	25460501	CHR9:25460501	SSF x LoA	-10,2641977	-0,020	0,308

CHR9	25460570	CHR9:25460570	SSF x LoA	-8,24794126	0,030	0,312
CHR9	25460734	CHR9:25460734	SSF x LoA	-10,9805548	0,000	0,317
CHR9	2546497	CHR9:2546497	SSF x LoA	-9,23749492	0,121	0,292
CHR9	25467882	CHR9:25467882	SSF x LoA	-9,66214693	0,043	0,299
CHR9	25473370	CHR9:25473370	SSF x LoA	-10,6231995	0,012	0,296
CHR9	25473372	CHR9:25473372	SSF x LoA	-9,84637774	-0,098	0,292
CHR9	25473374	CHR9:25473374	SSF x LoA	-9,53670516	0,091	0,291
CHR9	25473384	CHR9:25473384	SSF x LoA	-11,3748886	0,097	0,307
CHR9	25473444	CHR9:25473444	SSF x LoA	-8,25483514	-0,128	0,308
CHR9	25483513	CHR9:25483513	SSF x LoA	-10,9540809	-0,042	0,314
CHR9	25483685	CHR9:25483685	SSF x LoA	-8,481799	0,063	0,303
CHR9	25483702	CHR9:25483702	SSF x LoA	-10,8874555	0,024	0,291
CHR9	25483769	CHR9:25483769	SSF x LoA	-10,6271441	-0,093	0,314
CHR9	25484001	CHR9:25484001	SSF x LoA	-7,81245891	-0,068	0,309
CHR9	25484019	CHR9:25484019	SSF x LoA	-9,18103395	-0,002	0,305
CHR9	25484063	CHR9:25484063	SSF x LoA	-10,544018	0,078	0,315
CHR9	25484064	CHR9:25484064	SSF x LoA	-10,4678876	0,002	0,320
CHR9	25486019	CHR9:25486019	SSF x LoA	-8,10726964	0,077	0,309
CHR9	25487085	CHR9:25487085	SSF x LoA	-11,2934523	-0,086	0,302
CHR9	25488572	CHR9:25488572	SSF x LoA	-9,76275059	0,062	0,303
CHR9	25494942	CHR9:25494942	SSF x LoA	-10,4605262	0,068	0,314
CHR9	25495803	CHR9:25495803	SSF x LoA	-9,10528199	0,036	0,307
CHR9	25504983	CHR9:25504983	SSF x LoA	-9,99643813	-0,138	0,308
CHR9	25506931	CHR9:25506931	SSF x LoA	-10,8979756	-0,016	0,314
CHR9	25507934	CHR9:25507934	SSF x LoA	-8,21885203	0,067	0,313
CHR9	25507941	CHR9:25507941	SSF x LoA	-8,83156353	0,099	0,310
CHR9	25507951	CHR9:25507951	SSF x LoA	-12,8374785	0,017	0,298
CHR9	25507999	CHR9:25507999	SSF x LoA	-8,13461594	0,080	0,316
CHR9	25529609	CHR9:25529609	SSF x LoA	-10,1821742	0,115	0,300
CHR9	25531173	CHR9:25531173	SSF x LoA	-6,6053743	-0,114	0,319
CHR9	25541902	CHR9:25541902	SSF x LoA	-10,6247753	0,016	0,309
CHR9	25542097	CHR9:25542097	SSF x LoA	-7,99878424	-0,096	0,307
CHR9	25542165	CHR9:25542165	SSF x LoA	-9,15992631	-0,030	0,311
CHR9	25542168	CHR9:25542168	SSF x LoA	-9,73940229	-0,015	0,309
CHR9	25543062	CHR9:25543062	SSF x LoA	-7,90940137	0,115	0,299
CHR9	25543066	CHR9:25543066	SSF x LoA	-10,3924569	0,103	0,296
CHR9	25543093	CHR9:25543093	SSF x LoA	-8,40539256	0,100	0,304
CHR9	25543133	CHR9:25543133	SSF x LoA	-8,26817606	0,027	0,313
CHR9	25543148	CHR9:25543148	SSF x LoA	-10,5779191	0,026	0,308
CHR9	25543156	CHR9:25543156	SSF x LoA	3,79964631	0,235	0,281
CHR9	25543202	CHR9:25543202	SSF x LoA	-4,70366773	-0,219	0,292
CHR9	25543220	CHR9:25543220	SSF x LoA	-10,5632215	0,012	0,309
CHR9	25543263	CHR9:25543263	SSF x LoA	-0,74234477	0,215	0,285
CHR9	25543278	CHR9:25543278	SSF x LoA	-8,39932172	-0,113	0,302
CHR9	25543321	CHR9:25543321	SSF x LoA	-7,12814106	-0,174	0,291
CHR9	25546556	CHR9:25546556	SSF x LoA	-10,6152934	-0,020	0,310
CHR9	25546560	CHR9:25546560	SSF x LoA	-8,06270476	-0,079	0,307
CHR9	25546588	CHR9:25546588	SSF x LoA	-8,62843299	0,118	0,305
CHR9	25546940	CHR9:25546940	SSF x LoA	-11,0244452	0,082	0,305
CHR9	25554072	CHR9:25554072	SSF x LoA	-9,29171083	-0,068	0,303
CHR9	25554113	CHR9:25554113	SSF x LoA	-8,95241649	0,021	0,316
CHR9	25554117	CHR9:25554117	SSF x LoA	-8,30336202	0,056	0,314
CHR9	25554200	CHR9:25554200	SSF x LoA	-10,2501999	0,090	0,296

CHR9	25561395	CHR9:25561395	SSF x LoA	-7,92764331	-0,119	0,311
CHR9	25561446	CHR9:25561446	SSF x LoA	-12,4012685	0,015	0,303
CHR9	25565823	CHR9:25565823	SSF x LoA	-8,5813006	0,135	0,309
CHR9	25565824	CHR9:25565824	SSF x LoA	-5,93472948	0,127	0,308
CHR9	25566843	CHR9:25566843	SSF x LoA	-11,6259948	-0,069	0,310
CHR9	25566909	CHR9:25566909	SSF x LoA	-7,01446987	0,103	0,305
CHR9	25571105	CHR9:25571105	SSF x LoA	-8,30952542	-0,135	0,303
CHR9	2557193	CHR9:2557193	SSF x LoA	-11,4805335	0,000	0,297
CHR9	2557211	CHR9:2557211	SSF x LoA	-9,99917634	0,094	0,303
CHR9	2557259	CHR9:2557259	SSF x LoA	-9,6283828	-0,021	0,298
CHR9	2557272	CHR9:2557272	SSF x LoA	-9,73450732	-0,024	0,314
CHR9	2557298	CHR9:2557298	SSF x LoA	-8,60051412	-0,116	0,295
CHR9	25575183	CHR9:25575183	SSF x LoA	-11,8290004	0,065	0,303
CHR9	25578081	CHR9:25578081	SSF x LoA	-8,97139602	0,014	0,304
CHR9	25578119	CHR9:25578119	SSF x LoA	-9,17221073	0,021	0,302
CHR9	25578127	CHR9:25578127	SSF x LoA	-11,1439257	-0,058	0,305
CHR9	25578161	CHR9:25578161	SSF x LoA	-8,50744576	0,052	0,295
CHR9	25578165	CHR9:25578165	SSF x LoA	-8,11673187	0,032	0,301
CHR9	25578214	CHR9:25578214	SSF x LoA	-11,2740039	0,050	0,316
CHR9	25580952	CHR9:25580952	SSF x LoA	-9,03968093	-0,105	0,312
CHR9	25581190	CHR9:25581190	SSF x LoA	-3,70668035	0,035	0,299
CHR9	25581266	CHR9:25581266	SSF x LoA	-9,08356879	0,065	0,309
CHR9	25581291	CHR9:25581291	SSF x LoA	-10,3843489	-0,069	0,308
CHR9	25581345	CHR9:25581345	SSF x LoA	-11,392251	0,018	0,304
CHR9	25625197	CHR9:25625197	SSF x LoA	-10,3681181	-0,166	0,290
CHR9	25625320	CHR9:25625320	SSF x LoA	-7,3796752	-0,070	0,307
CHR9	25625404	CHR9:25625404	SSF x LoA	-8,90615021	0,059	0,296
CHR9	25629306	CHR9:25629306	SSF x LoA	-7,58913206	-0,138	0,289
CHR9	25629546	CHR9:25629546	SSF x LoA	-2,89239223	0,135	0,324
CHR9	25639007	CHR9:25639007	SSF x LoA	-10,1672202	0,071	0,307
CHR9	25639160	CHR9:25639160	SSF x LoA	-9,13205255	0,065	0,308
CHR9	25639277	CHR9:25639277	SSF x LoA	-10,3856983	-0,081	0,301
CHR9	25639281	CHR9:25639281	SSF x LoA	-9,45514995	-0,119	0,303
CHR9	25639310	CHR9:25639310	SSF x LoA	-10,766853	0,065	0,299
CHR9	25640043	CHR9:25640043	SSF x LoA	-8,53944865	-0,079	0,295
CHR9	25640044	CHR9:25640044	SSF x LoA	-6,92863304	-0,092	0,296
CHR9	25640830	CHR9:25640830	SSF x LoA	-10,6119679	-0,027	0,301
CHR9	25640894	CHR9:25640894	SSF x LoA	-8,71168146	0,112	0,306
CHR9	25650381	CHR9:25650381	SSF x LoA	-8,15055406	0,139	0,290
CHR9	25654329	CHR9:25654329	SSF x LoA	-11,4454165	0,011	0,301
CHR9	25654388	CHR9:25654388	SSF x LoA	-2,97795633	0,066	0,317
CHR9	25654474	CHR9:25654474	SSF x LoA	-8,8011834	0,050	0,306
CHR9	25654483	CHR9:25654483	SSF x LoA	-10,0315439	0,015	0,311
CHR9	2566471	CHR9:2566471	SSF x LoA	-9,50476992	0,093	0,307
CHR9	2566481	CHR9:2566481	SSF x LoA	-10,4007637	0,091	0,306
CHR9	2566484	CHR9:2566484	SSF x LoA	-10,482186	0,054	0,303
CHR9	2566500	CHR9:2566500	SSF x LoA	-9,44515377	0,030	0,303
CHR9	2566509	CHR9:2566509	SSF x LoA	-9,09647086	-0,024	0,312
CHR9	2566539	CHR9:2566539	SSF x LoA	-10,3878147	0,062	0,313
CHR9	2566567	CHR9:2566567	SSF x LoA	-6,63792206	-0,030	0,294
CHR9	2566587	CHR9:2566587	SSF x LoA	-10,7808485	-0,013	0,316
CHR9	25666678	CHR9:25666678	SSF x LoA	-8,38307509	-0,105	0,297
CHR9	25667785	CHR9:25667785	SSF x LoA	-8,72910029	-0,140	0,314

CHR9	25667836	CHR9:25667836	SSF x LoA	-8,72417409	0,023	0,311
CHR9	25670170	CHR9:25670170	SSF x LoA	-7,45283014	0,083	0,295
CHR9	25677814	CHR9:25677814	SSF x LoA	-7,77758308	0,166	0,305
CHR9	25686824	CHR9:25686824	SSF x LoA	-9,11236928	0,056	0,298
CHR9	25687054	CHR9:25687054	SSF x LoA	-9,04326653	0,048	0,317
CHR9	25687091	CHR9:25687091	SSF x LoA	-10,7449714	0,114	0,299
CHR9	2568722	CHR9:2568722	SSF x LoA	-9,40320182	0,087	0,299
CHR9	2568782	CHR9:2568782	SSF x LoA	-8,47513244	0,010	0,291
CHR9	25691372	CHR9:25691372	SSF x LoA	-10,1524822	0,004	0,321
CHR9	25710540	CHR9:25710540	SSF x LoA	-5,18233864	-0,108	0,301
CHR9	25710576	CHR9:25710576	SSF x LoA	-6,39014555	-0,047	0,310
CHR9	25717557	CHR9:25717557	SSF x LoA	-9,16144999	0,084	0,313
CHR9	25717558	CHR9:25717558	SSF x LoA	-8,97947055	0,030	0,311
CHR9	25717647	CHR9:25717647	SSF x LoA	-9,20558461	-0,028	0,302
CHR9	25717658	CHR9:25717658	SSF x LoA	-10,4589449	-0,011	0,311
CHR9	25717688	CHR9:25717688	SSF x LoA	-10,1083318	0,093	0,302
CHR9	25717702	CHR9:25717702	SSF x LoA	-10,2580828	-0,012	0,312
CHR9	25717716	CHR9:25717716	SSF x LoA	-10,1795433	0,055	0,313
CHR9	25717719	CHR9:25717719	SSF x LoA	-8,78796795	0,075	0,309
CHR9	2572272	CHR9:2572272	SSF x LoA	-10,1800189	0,033	0,293
CHR9	2572290	CHR9:2572290	SSF x LoA	-9,52199349	-0,022	0,310
CHR9	2572305	CHR9:2572305	SSF x LoA	-4,87040349	-0,097	0,303
CHR9	25725755	CHR9:25725755	SSF x LoA	-10,2113652	-0,007	0,308
CHR9	25726022	CHR9:25726022	SSF x LoA	-11,0150099	0,044	0,313
CHR9	25732756	CHR9:25732756	SSF x LoA	-11,7866892	0,059	0,312
CHR9	25732786	CHR9:25732786	SSF x LoA	-3,68765136	-0,086	0,310
CHR9	25732803	CHR9:25732803	SSF x LoA	-9,05326374	0,047	0,312
CHR9	25732996	CHR9:25732996	SSF x LoA	-10,7793693	0,014	0,289
CHR9	25734889	CHR9:25734889	SSF x LoA	-9,39517649	-0,064	0,312
CHR9	2573747	CHR9:2573747	SSF x LoA	-10,741495	-0,138	0,292
CHR9	2573911	CHR9:2573911	SSF x LoA	-9,50399174	-0,049	0,305
CHR9	2573913	CHR9:2573913	SSF x LoA	-8,25721894	-0,048	0,311
CHR9	2573915	CHR9:2573915	SSF x LoA	-9,02223078	-0,004	0,308
CHR9	2574000	CHR9:2574000	SSF x LoA	-9,18280711	0,035	0,325
CHR9	25743292	CHR9:25743292	SSF x LoA	-10,5185939	-0,072	0,318
CHR9	25743341	CHR9:25743341	SSF x LoA	-10,0008467	-0,063	0,289
CHR9	25743361	CHR9:25743361	SSF x LoA	-6,56844415	-0,002	0,312
CHR9	25745744	CHR9:25745744	SSF x LoA	-6,21778961	0,090	0,311
CHR9	25750912	CHR9:25750912	SSF x LoA	-10,6695262	0,099	0,307
CHR9	25752842	CHR9:25752842	SSF x LoA	-9,40957164	0,094	0,293
CHR9	25752848	CHR9:25752848	SSF x LoA	-10,7068552	-0,092	0,293
CHR9	25757183	CHR9:25757183	SSF x LoA	-10,3879384	0,020	0,307
CHR9	25757233	CHR9:25757233	SSF x LoA	-8,90951033	0,060	0,299
CHR9	25759931	CHR9:25759931	SSF x LoA	-6,39495434	-0,003	0,300
CHR9	25759992	CHR9:25759992	SSF x LoA	-9,80903143	0,042	0,313
CHR9	25760082	CHR9:25760082	SSF x LoA	-9,39940245	0,044	0,309
CHR9	25760148	CHR9:25760148	SSF x LoA	-10,3592614	-0,087	0,307
CHR9	25764302	CHR9:25764302	SSF x LoA	-8,52946387	0,085	0,308
CHR9	25764379	CHR9:25764379	SSF x LoA	-11,118098	0,017	0,308
CHR9	25770252	CHR9:25770252	SSF x LoA	-8,09789708	0,048	0,320
CHR9	25770340	CHR9:25770340	SSF x LoA	-7,69383269	-0,089	0,319
CHR9	25770400	CHR9:25770400	SSF x LoA	-11,4881892	0,011	0,320
CHR9	25773098	CHR9:25773098	SSF x LoA	-10,3928664	0,037	0,308

CHR9	25773220	CHR9:25773220	SSF x LoA	-8,79766676	0,059	0,302
CHR9	25773221	CHR9:25773221	SSF x LoA	-10,2216819	0,076	0,310
CHR9	25780321	CHR9:25780321	SSF x LoA	-9,23510488	-0,067	0,305
CHR9	25782014	CHR9:25782014	SSF x LoA	-8,52783596	-0,066	0,316
CHR9	25782050	CHR9:25782050	SSF x LoA	-9,88935453	-0,037	0,309
CHR9	25785439	CHR9:25785439	SSF x LoA	-10,5159325	0,013	0,306
CHR9	25796372	CHR9:25796372	SSF x LoA	-10,0765385	-0,085	0,310
CHR9	25796452	CHR9:25796452	SSF x LoA	-9,52778245	-0,010	0,320
CHR9	25810633	CHR9:25810633	SSF x LoA	-8,38043181	-0,074	0,312
CHR9	2581304	CHR9:2581304	SSF x LoA	-10,2204714	0,061	0,320
CHR9	25814273	CHR9:25814273	SSF x LoA	-8,75019824	-0,092	0,302
CHR9	25814279	CHR9:25814279	SSF x LoA	-9,01852343	-0,071	0,307
CHR9	25815425	CHR9:25815425	SSF x LoA	-9,80315186	-0,111	0,302
CHR9	25815528	CHR9:25815528	SSF x LoA	-9,28550864	0,014	0,302
CHR9	25818125	CHR9:25818125	SSF x LoA	-10,5822126	0,083	0,306
CHR9	25818363	CHR9:25818363	SSF x LoA	-9,71060254	-0,028	0,299
CHR9	25822400	CHR9:25822400	SSF x LoA	-7,69094782	-0,094	0,311
CHR9	25822525	CHR9:25822525	SSF x LoA	-9,06328129	0,014	0,315
CHR9	2582881	CHR9:2582881	SSF x LoA	-10,389426	-0,018	0,313
CHR9	2582911	CHR9:2582911	SSF x LoA	-10,5010979	0,092	0,308
CHR9	2583063	CHR9:2583063	SSF x LoA	-11,1563415	-0,014	0,315
CHR9	2583122	CHR9:2583122	SSF x LoA	-10,2149733	-0,005	0,311
CHR9	25840133	CHR9:25840133	SSF x LoA	-9,17829776	-0,060	0,301
CHR9	25840154	CHR9:25840154	SSF x LoA	-10,024108	0,070	0,315
CHR9	25840242	CHR9:25840242	SSF x LoA	-9,64504958	0,117	0,288
CHR9	25840262	CHR9:25840262	SSF x LoA	-11,3810793	0,034	0,318
CHR9	25840274	CHR9:25840274	SSF x LoA	-9,62456742	-0,007	0,316
CHR9	25840283	CHR9:25840283	SSF x LoA	-11,8705923	0,012	0,297
CHR9	2584188	CHR9:2584188	SSF x LoA	-10,4135295	0,033	0,298
CHR9	2584203	CHR9:2584203	SSF x LoA	-8,83386926	0,072	0,289
CHR9	2584321	CHR9:2584321	SSF x LoA	-7,84293465	0,045	0,298
CHR9	25847046	CHR9:25847046	SSF x LoA	-8,02145011	0,036	0,318
CHR9	25850041	CHR9:25850041	SSF x LoA	-9,19044211	0,032	0,313
CHR9	25862614	CHR9:25862614	SSF x LoA	-9,49799327	-0,025	0,324
CHR9	25862639	CHR9:25862639	SSF x LoA	-8,60720183	-0,085	0,317
CHR9	25865338	CHR9:25865338	SSF x LoA	-5,55446576	0,068	0,298
CHR9	25865340	CHR9:25865340	SSF x LoA	-9,06545222	-0,054	0,312
CHR9	25897878	CHR9:25897878	SSF x LoA	-11,2305447	0,010	0,322
CHR9	25909177	CHR9:25909177	SSF x LoA	-10,4837552	0,070	0,282
CHR9	25909193	CHR9:25909193	SSF x LoA	-9,48592642	0,089	0,297
CHR9	25909242	CHR9:25909242	SSF x LoA	-10,0380018	-0,009	0,317
CHR9	25915042	CHR9:25915042	SSF x LoA	-8,58338245	-0,079	0,288
CHR9	25915208	CHR9:25915208	SSF x LoA	-10,7253687	-0,021	0,300
CHR9	25925218	CHR9:25925218	SSF x LoA	-9,70729493	0,019	0,309
CHR9	25941326	CHR9:25941326	SSF x LoA	-9,73141259	-0,017	0,319
CHR9	25945691	CHR9:25945691	SSF x LoA	-8,88277487	-0,112	0,297
CHR9	25945695	CHR9:25945695	SSF x LoA	-8,52835281	-0,141	0,296
CHR9	25957493	CHR9:25957493	SSF x LoA	-8,61469422	0,025	0,318
CHR9	25957501	CHR9:25957501	SSF x LoA	-9,53681802	0,130	0,301
CHR9	25957523	CHR9:25957523	SSF x LoA	-10,5567669	0,090	0,313
CHR9	25957527	CHR9:25957527	SSF x LoA	-8,81516872	0,097	0,305
CHR9	25957571	CHR9:25957571	SSF x LoA	-9,48676281	0,006	0,317
CHR9	25959354	CHR9:25959354	SSF x LoA	-9,23186003	-0,108	0,306

CHR9	25959386	CHR9:25959386	SSF x LoA	-9,29818779	-0,001	0,316
CHR9	25961559	CHR9:25961559	SSF x LoA	-11,323129	0,011	0,309
CHR9	2596269	CHR9:2596269	SSF x LoA	-6,90969746	0,105	0,302
CHR9	2596297	CHR9:2596297	SSF x LoA	-9,57928296	0,030	0,308
CHR9	25963010	CHR9:25963010	SSF x LoA	-10,4962897	-0,004	0,297
CHR9	2596348	CHR9:2596348	SSF x LoA	-10,7141135	-0,005	0,320
CHR9	2596609	CHR9:2596609	SSF x LoA	-6,92969021	0,123	0,294
CHR9	2596610	CHR9:2596610	SSF x LoA	-8,53887913	-0,146	0,299
CHR9	25974183	CHR9:25974183	SSF x LoA	-10,9393163	0,075	0,316
CHR9	25974214	CHR9:25974214	SSF x LoA	-6,42782036	-0,068	0,307
CHR9	25974261	CHR9:25974261	SSF x LoA	-11,8947226	-0,011	0,309
CHR9	25975150	CHR9:25975150	SSF x LoA	-3,81255158	-0,167	0,307
CHR9	25975385	CHR9:25975385	SSF x LoA	-10,1677623	-0,003	0,297
CHR9	25977010	CHR9:25977010	SSF x LoA	-8,0221552	0,067	0,318
CHR9	25978084	CHR9:25978084	SSF x LoA	-11,0226108	-0,055	0,306
CHR9	25991659	CHR9:25991659	SSF x LoA	-6,15846813	-0,020	0,299
CHR9	26008812	CHR9:26008812	SSF x LoA	-9,54872837	-0,016	0,302
CHR9	26008851	CHR9:26008851	SSF x LoA	-10,449387	0,045	0,310
CHR9	26008869	CHR9:26008869	SSF x LoA	-11,048644	0,029	0,303
CHR9	26008926	CHR9:26008926	SSF x LoA	-9,77202285	-0,049	0,298
CHR9	26008945	CHR9:26008945	SSF x LoA	-10,7952506	-0,063	0,319
CHR9	26008977	CHR9:26008977	SSF x LoA	-10,3584073	-0,037	0,307
CHR9	26009001	CHR9:26009001	SSF x LoA	-8,14214964	0,019	0,296
CHR9	26009005	CHR9:26009005	SSF x LoA	-9,11125693	-0,001	0,315
CHR9	26016252	CHR9:26016252	SSF x LoA	4,36901316	0,101	0,301
CHR9	26016290	CHR9:26016290	SSF x LoA	-5,74876868	0,010	0,312
CHR9	26026745	CHR9:26026745	SSF x LoA	-8,96394881	0,039	0,308
CHR9	26026766	CHR9:26026766	SSF x LoA	-8,07614448	0,002	0,301
CHR9	26026812	CHR9:26026812	SSF x LoA	-11,7162217	-0,006	0,313
CHR9	26029179	CHR9:26029179	SSF x LoA	-11,385223	0,098	0,305
CHR9	26029256	CHR9:26029256	SSF x LoA	-8,44172988	-0,036	0,297
CHR9	26029334	CHR9:26029334	SSF x LoA	-7,83130295	-0,082	0,307
CHR9	26029368	CHR9:26029368	SSF x LoA	-8,58292979	0,079	0,301
CHR9	26032756	CHR9:26032756	SSF x LoA	-10,8639144	-0,026	0,315
CHR9	26032783	CHR9:26032783	SSF x LoA	-7,56494504	-0,093	0,302
CHR9	26037303	CHR9:26037303	SSF x LoA	-8,96862144	-0,081	0,299
CHR9	26037502	CHR9:26037502	SSF x LoA	-8,03475626	-0,017	0,312
CHR9	26041424	CHR9:26041424	SSF x LoA	-11,2030366	-0,005	0,304
CHR9	26041502	CHR9:26041502	SSF x LoA	-8,34099091	0,113	0,287
CHR9	26046071	CHR9:26046071	SSF x LoA	-9,57860439	-0,012	0,296
CHR9	2605102	CHR9:2605102	SSF x LoA	-8,67457442	0,029	0,304
CHR9	26052957	CHR9:26052957	SSF x LoA	-11,8522625	-0,012	0,297
CHR9	26053054	CHR9:26053054	SSF x LoA	-8,84690977	0,091	0,316
CHR9	26075755	CHR9:26075755	SSF x LoA	-7,53151111	0,201	0,298
CHR9	26075769	CHR9:26075769	SSF x LoA	-8,55964673	-0,061	0,311
CHR9	26075809	CHR9:26075809	SSF x LoA	-10,5028503	-0,037	0,302
CHR9	26076639	CHR9:26076639	SSF x LoA	-7,73170656	0,042	0,313
CHR9	26080438	CHR9:26080438	SSF x LoA	-8,73844812	-0,077	0,313
CHR9	26080503	CHR9:26080503	SSF x LoA	-8,50962319	-0,024	0,298
CHR9	26080650	CHR9:26080650	SSF x LoA	-3,7187413	-0,162	0,295
CHR9	26081050	CHR9:26081050	SSF x LoA	-10,9040667	0,028	0,294
CHR9	26090469	CHR9:26090469	SSF x LoA	-7,58222191	0,053	0,321
CHR9	26090470	CHR9:26090470	SSF x LoA	-12,4241741	-0,012	0,310

CHR9	26090551	CHR9:26090551	SSF x LoA	-8,35556584	-0,074	0,303
CHR9	26090811	CHR9:26090811	SSF x LoA	-11,6344141	-0,034	0,295
CHR9	26106180	CHR9:26106180	SSF x LoA	-9,52989395	-0,069	0,292
CHR9	26111491	CHR9:26111491	SSF x LoA	-10,0529847	-0,017	0,307
CHR9	26114702	CHR9:26114702	SSF x LoA	-10,9723089	-0,070	0,312
CHR9	26114853	CHR9:26114853	SSF x LoA	-8,36200334	-0,074	0,296
CHR9	26114877	CHR9:26114877	SSF x LoA	-11,8395103	-0,053	0,297
CHR9	26114883	CHR9:26114883	SSF x LoA	-9,27827692	0,000	0,310
CHR9	26114929	CHR9:26114929	SSF x LoA	-8,5441721	0,064	0,310
CHR9	26126189	CHR9:26126189	SSF x LoA	-8,66341499	-0,060	0,291
CHR9	26126299	CHR9:26126299	SSF x LoA	-10,8180029	0,064	0,317
CHR9	26127537	CHR9:26127537	SSF x LoA	-11,0933004	0,020	0,316
CHR9	26129902	CHR9:26129902	SSF x LoA	-9,61414652	0,017	0,300
CHR9	26129908	CHR9:26129908	SSF x LoA	-8,13027381	0,042	0,307
CHR9	26141024	CHR9:26141024	SSF x LoA	-8,14410771	-0,054	0,312
CHR9	26141767	CHR9:26141767	SSF x LoA	-4,65654341	0,152	0,319
CHR9	26141769	CHR9:26141769	SSF x LoA	-5,88344285	0,170	0,298
CHR9	2616914	CHR9:2616914	SSF x LoA	-9,27101266	-0,059	0,310
CHR9	2616920	CHR9:2616920	SSF x LoA	-7,32870857	-0,050	0,292
CHR9	2616989	CHR9:2616989	SSF x LoA	-10,6680337	-0,012	0,314
CHR9	26177631	CHR9:26177631	SSF x LoA	-11,9413155	0,030	0,306
CHR9	26182542	CHR9:26182542	SSF x LoA	-11,2043282	0,014	0,292
CHR9	26182618	CHR9:26182618	SSF x LoA	-4,68854094	-0,155	0,286
CHR9	26194708	CHR9:26194708	SSF x LoA	-10,8600116	0,026	0,309
CHR9	26194758	CHR9:26194758	SSF x LoA	-11,0274618	-0,050	0,309
CHR9	26208008	CHR9:26208008	SSF x LoA	-7,85640024	0,087	0,307
CHR9	26208166	CHR9:26208166	SSF x LoA	-10,8453728	0,065	0,317
CHR9	2620887	CHR9:2620887	SSF x LoA	-5,08352794	0,099	0,295
CHR9	2620938	CHR9:2620938	SSF x LoA	-6,98386432	0,133	0,306
CHR9	2620957	CHR9:2620957	SSF x LoA	-7,93147036	-0,176	0,301
CHR9	2620970	CHR9:2620970	SSF x LoA	-10,6787296	-0,077	0,314
CHR9	2620999	CHR9:2620999	SSF x LoA	-8,15457645	0,065	0,312
CHR9	2621025	CHR9:2621025	SSF x LoA	-7,83529333	-0,088	0,288
CHR9	2621048	CHR9:2621048	SSF x LoA	-11,1203872	-0,078	0,309
CHR9	2621096	CHR9:2621096	SSF x LoA	-8,25859647	0,110	0,296
CHR9	2621100	CHR9:2621100	SSF x LoA	-6,88573624	0,118	0,307
CHR9	26223619	CHR9:26223619	SSF x LoA	-8,6718057	-0,083	0,301
CHR9	26223735	CHR9:26223735	SSF x LoA	-10,1799141	-0,009	0,290
CHR9	2622612	CHR9:2622612	SSF x LoA	-10,643924	-0,018	0,313
CHR9	2622661	CHR9:2622661	SSF x LoA	-6,50559305	0,127	0,307
CHR9	2622677	CHR9:2622677	SSF x LoA	-9,65531254	0,158	0,301
CHR9	2622720	CHR9:2622720	SSF x LoA	-7,83719741	0,135	0,297
CHR9	2622726	CHR9:2622726	SSF x LoA	-11,4827837	0,046	0,289
CHR9	2622727	CHR9:2622727	SSF x LoA	-9,24645891	0,092	0,287
CHR9	26229159	CHR9:26229159	SSF x LoA	-9,71887439	-0,004	0,305
CHR9	26238333	CHR9:26238333	SSF x LoA	-10,2666344	-0,020	0,309
CHR9	26238347	CHR9:26238347	SSF x LoA	-7,45570862	-0,134	0,296
CHR9	26238416	CHR9:26238416	SSF x LoA	-9,22377414	0,090	0,314
CHR9	26239964	CHR9:26239964	SSF x LoA	-7,90520962	-0,064	0,321
CHR9	26243351	CHR9:26243351	SSF x LoA	-7,88719449	0,162	0,301
CHR9	26246822	CHR9:26246822	SSF x LoA	-7,19101227	0,173	0,304
CHR9	26246870	CHR9:26246870	SSF x LoA	-9,69347608	-0,005	0,305
CHR9	2627745	CHR9:2627745	SSF x LoA	-9,50764122	0,090	0,304

CHR9	26281559	CHR9:26281559	SSF x LoA	-3,48727261	-0,034	0,313
CHR9	26281625	CHR9:26281625	SSF x LoA	-7,76371201	-0,019	0,316
CHR9	26281630	CHR9:26281630	SSF x LoA	-10,5704644	0,101	0,301
CHR9	26281798	CHR9:26281798	SSF x LoA	-8,39907868	-0,150	0,287
CHR9	2628478	CHR9:2628478	SSF x LoA	-8,15134141	0,047	0,312
CHR9	2628480	CHR9:2628480	SSF x LoA	-7,3202058	0,091	0,290
CHR9	2628562	CHR9:2628562	SSF x LoA	-6,78205092	0,093	0,300
CHR9	26292085	CHR9:26292085	SSF x LoA	-12,1884733	-0,046	0,300
CHR9	2629878	CHR9:2629878	SSF x LoA	-8,05165818	0,131	0,316
CHR9	2629899	CHR9:2629899	SSF x LoA	-10,2294535	0,006	0,306
CHR9	2629917	CHR9:2629917	SSF x LoA	-10,7542854	0,018	0,287
CHR9	26299448	CHR9:26299448	SSF x LoA	-8,83215546	-0,009	0,327
CHR9	26299746	CHR9:26299746	SSF x LoA	-7,93652261	0,044	0,311
CHR9	2629998	CHR9:2629998	SSF x LoA	-10,7103602	0,023	0,299
CHR9	2630014	CHR9:2630014	SSF x LoA	-9,18453124	0,009	0,311
CHR9	2630039	CHR9:2630039	SSF x LoA	-8,46939648	-0,042	0,307
CHR9	26312506	CHR9:26312506	SSF x LoA	-9,51915667	0,012	0,311
CHR9	26312560	CHR9:26312560	SSF x LoA	-8,67338725	-0,013	0,309
CHR9	26341550	CHR9:26341550	SSF x LoA	-7,83032236	-0,097	0,301
CHR9	26341596	CHR9:26341596	SSF x LoA	-6,47688682	-0,069	0,310
CHR9	26341704	CHR9:26341704	SSF x LoA	-11,0482647	0,049	0,303
CHR9	26343804	CHR9:26343804	SSF x LoA	-11,3490031	0,002	0,304
CHR9	26343933	CHR9:26343933	SSF x LoA	-8,44502642	-0,149	0,301
CHR9	26354413	CHR9:26354413	SSF x LoA	-10,1315058	0,035	0,311
CHR9	26356948	CHR9:26356948	SSF x LoA	-8,73960141	0,096	0,311
CHR9	26357029	CHR9:26357029	SSF x LoA	-10,211727	-0,059	0,324
CHR9	26358860	CHR9:26358860	SSF x LoA	-9,20488521	0,003	0,307
CHR9	26358861	CHR9:26358861	SSF x LoA	-8,54568879	-0,029	0,309
CHR9	26365056	CHR9:26365056	SSF x LoA	-10,1246439	0,005	0,314
CHR9	26368388	CHR9:26368388	SSF x LoA	-9,28193337	-0,020	0,306
CHR9	26368501	CHR9:26368501	SSF x LoA	-9,63586616	0,167	0,304
CHR9	26368527	CHR9:26368527	SSF x LoA	-10,0412401	0,092	0,300
CHR9	2637959	CHR9:2637959	SSF x LoA	-9,77222223	0,005	0,313
CHR9	26412928	CHR9:26412928	SSF x LoA	-5,6440194	0,051	0,312
CHR9	26413079	CHR9:26413079	SSF x LoA	-7,97746972	0,016	0,305
CHR9	26413114	CHR9:26413114	SSF x LoA	-10,0781353	0,023	0,291
CHR9	26413131	CHR9:26413131	SSF x LoA	-11,7150231	-0,021	0,312
CHR9	2641960	CHR9:2641960	SSF x LoA	-9,53633691	0,020	0,312
CHR9	26423669	CHR9:26423669	SSF x LoA	-6,80319175	-0,112	0,298
CHR9	26423670	CHR9:26423670	SSF x LoA	-7,13349764	-0,170	0,295
CHR9	26423694	CHR9:26423694	SSF x LoA	-12,4158303	0,071	0,295
CHR9	26432210	CHR9:26432210	SSF x LoA	-5,23529186	0,165	0,285
CHR9	26432356	CHR9:26432356	SSF x LoA	-8,96564158	0,142	0,301
CHR9	26436925	CHR9:26436925	SSF x LoA	-10,1867409	-0,080	0,314
CHR9	26436926	CHR9:26436926	SSF x LoA	-8,10658634	0,043	0,315
CHR9	26437202	CHR9:26437202	SSF x LoA	-7,94144825	-0,120	0,297
CHR9	26438920	CHR9:26438920	SSF x LoA	-9,63722233	0,132	0,307
CHR9	26438956	CHR9:26438956	SSF x LoA	-6,28920038	-0,182	0,304
CHR9	26443958	CHR9:26443958	SSF x LoA	-7,06831746	0,100	0,307
CHR9	26444051	CHR9:26444051	SSF x LoA	-7,58734369	-0,050	0,321
CHR9	26456482	CHR9:26456482	SSF x LoA	-6,93936807	-0,094	0,305
CHR9	26456511	CHR9:26456511	SSF x LoA	-10,2121002	0,104	0,305
CHR9	26459756	CHR9:26459756	SSF x LoA	-7,7201517	0,022	0,314

CHR9	26459995	CHR9:26459995	SSF x LoA	-10,5859571	0,123	0,287
CHR9	26460043	CHR9:26460043	SSF x LoA	-8,7640252	-0,095	0,293
CHR9	26462510	CHR9:26462510	SSF x LoA	-10,702414	-0,016	0,314
CHR9	26462747	CHR9:26462747	SSF x LoA	-6,97240818	0,143	0,316
CHR9	26469033	CHR9:26469033	SSF x LoA	-8,17237591	0,007	0,317
CHR9	26469157	CHR9:26469157	SSF x LoA	-7,13863444	-0,164	0,278
CHR9	26469175	CHR9:26469175	SSF x LoA	-5,44319613	0,124	0,317
CHR9	26470839	CHR9:26470839	SSF x LoA	-9,3550159	-0,019	0,306
CHR9	26474251	CHR9:26474251	SSF x LoA	-7,44255845	-0,087	0,300
CHR9	26474281	CHR9:26474281	SSF x LoA	-8,52805408	-0,024	0,312
CHR9	26474349	CHR9:26474349	SSF x LoA	3,37140821	-0,045	0,304
CHR9	26474353	CHR9:26474353	SSF x LoA	-9,48425093	-0,008	0,315
CHR9	26474410	CHR9:26474410	SSF x LoA	-4,55356961	-0,023	0,294
CHR9	26481975	CHR9:26481975	SSF x LoA	-9,06774602	-0,087	0,309
CHR9	26481980	CHR9:26481980	SSF x LoA	-9,39435041	0,016	0,310
CHR9	26481989	CHR9:26481989	SSF x LoA	-7,5424017	-0,105	0,300
CHR9	26482101	CHR9:26482101	SSF x LoA	-11,8809633	-0,063	0,299
CHR9	26488911	CHR9:26488911	SSF x LoA	-8,03996042	0,117	0,300
CHR9	26488929	CHR9:26488929	SSF x LoA	-7,71061101	0,057	0,310
CHR9	26488947	CHR9:26488947	SSF x LoA	-9,13737907	-0,028	0,296
CHR9	26496170	CHR9:26496170	SSF x LoA	-9,82809339	-0,038	0,315
CHR9	26496275	CHR9:26496275	SSF x LoA	-9,02088104	-0,004	0,296
CHR9	26496459	CHR9:26496459	SSF x LoA	-7,94543695	0,151	0,301
CHR9	26496556	CHR9:26496556	SSF x LoA	-10,5076257	0,009	0,312
CHR9	26502789	CHR9:26502789	SSF x LoA	-7,34813276	0,181	0,300
CHR9	26502817	CHR9:26502817	SSF x LoA	-12,4273814	0,001	0,303
CHR9	26503050	CHR9:26503050	SSF x LoA	-11,8722231	-0,007	0,316
CHR9	2650360	CHR9:2650360	SSF x LoA	-10,3054577	-0,050	0,316
CHR9	2650416	CHR9:2650416	SSF x LoA	-10,4610907	0,079	0,300
CHR9	2650487	CHR9:2650487	SSF x LoA	-9,51400841	-0,087	0,317
CHR9	26506714	CHR9:26506714	SSF x LoA	-7,3767302	0,102	0,303
CHR9	26506715	CHR9:26506715	SSF x LoA	-7,72772717	0,076	0,318
CHR9	26506716	CHR9:26506716	SSF x LoA	-8,38127049	0,106	0,308
CHR9	26511016	CHR9:26511016	SSF x LoA	-7,29641925	-0,066	0,302
CHR9	26511032	CHR9:26511032	SSF x LoA	-11,1215494	0,014	0,301
CHR9	26511181	CHR9:26511181	SSF x LoA	-5,40393255	0,065	0,323
CHR9	26511216	CHR9:26511216	SSF x LoA	-8,53167094	-0,124	0,306
CHR9	26514686	CHR9:26514686	SSF x LoA	-10,9791725	-0,039	0,295
CHR9	2651646	CHR9:2651646	SSF x LoA	-7,08107386	-0,126	0,295
CHR9	26535668	CHR9:26535668	SSF x LoA	-9,87744708	0,013	0,308
CHR9	26535835	CHR9:26535835	SSF x LoA	-9,01732698	-0,062	0,311
CHR9	26535852	CHR9:26535852	SSF x LoA	-9,2286306	0,140	0,299
CHR9	26535864	CHR9:26535864	SSF x LoA	-9,02978445	0,022	0,320
CHR9	26535926	CHR9:26535926	SSF x LoA	-9,5940197	0,027	0,313
CHR9	26535951	CHR9:26535951	SSF x LoA	-11,0086745	-0,042	0,304
CHR9	26536050	CHR9:26536050	SSF x LoA	-9,78335298	-0,176	0,308
CHR9	26548297	CHR9:26548297	SSF x LoA	-2,70313415	-0,059	0,299
CHR9	26548322	CHR9:26548322	SSF x LoA	-11,7831403	-0,044	0,298
CHR9	26548329	CHR9:26548329	SSF x LoA	-7,18996226	0,100	0,314
CHR9	26548425	CHR9:26548425	SSF x LoA	-5,69417216	0,201	0,294
CHR9	26551512	CHR9:26551512	SSF x LoA	-9,01291051	-0,117	0,306
CHR9	26551557	CHR9:26551557	SSF x LoA	-8,73047279	0,167	0,293
CHR9	26554017	CHR9:26554017	SSF x LoA	-7,09343721	0,019	0,300

CHR9	26554023	CHR9:26554023	SSF x LoA	-7,41345015	0,112	0,296
CHR9	26556667	CHR9:26556667	SSF x LoA	-3,00512232	-0,029	0,312
CHR9	26562099	CHR9:26562099	SSF x LoA	-10,728633	0,014	0,312
CHR9	26562221	CHR9:26562221	SSF x LoA	-10,5147672	-0,009	0,314
CHR9	26562381	CHR9:26562381	SSF x LoA	-8,70301415	0,059	0,309
CHR9	26562428	CHR9:26562428	SSF x LoA	-11,3400292	0,045	0,315
CHR9	26573189	CHR9:26573189	SSF x LoA	-10,4665435	-0,051	0,312
CHR9	26573190	CHR9:26573190	SSF x LoA	-5,61100157	0,058	0,316
CHR9	26573241	CHR9:26573241	SSF x LoA	-10,3332154	0,006	0,300
CHR9	26573262	CHR9:26573262	SSF x LoA	-7,25266042	0,055	0,300
CHR9	26573265	CHR9:26573265	SSF x LoA	-8,7617861	0,014	0,297
CHR9	26573341	CHR9:26573341	SSF x LoA	-9,25501698	-0,006	0,306
CHR9	26573383	CHR9:26573383	SSF x LoA	-11,4816354	0,019	0,307
CHR9	26585967	CHR9:26585967	SSF x LoA	-8,84093147	0,011	0,301
CHR9	26585968	CHR9:26585968	SSF x LoA	-8,48629284	0,090	0,306
CHR9	26586057	CHR9:26586057	SSF x LoA	-8,76964447	-0,016	0,304
CHR9	26586301	CHR9:26586301	SSF x LoA	-9,78961636	0,049	0,303
CHR9	26586352	CHR9:26586352	SSF x LoA	-11,0560461	-0,028	0,302
CHR9	26591135	CHR9:26591135	SSF x LoA	-8,78429029	-0,128	0,299
CHR9	26599706	CHR9:26599706	SSF x LoA	-9,40354266	0,096	0,298
CHR9	26599952	CHR9:26599952	SSF x LoA	-8,56811548	-0,082	0,313
CHR9	26603968	CHR9:26603968	SSF x LoA	-8,56409401	-0,083	0,311
CHR9	26608868	CHR9:26608868	SSF x LoA	-9,26046974	0,063	0,292
CHR9	26608982	CHR9:26608982	SSF x LoA	-10,0960354	-0,132	0,317
CHR9	26613165	CHR9:26613165	SSF x LoA	-10,9630943	0,000	0,287
CHR9	26613183	CHR9:26613183	SSF x LoA	-7,33791486	0,096	0,303
CHR9	26613268	CHR9:26613268	SSF x LoA	-6,23288666	-0,172	0,299
CHR9	26619262	CHR9:26619262	SSF x LoA	-4,73910937	0,090	0,314
CHR9	26619263	CHR9:26619263	SSF x LoA	-10,9663205	-0,032	0,314
CHR9	26619385	CHR9:26619385	SSF x LoA	-10,8983288	-0,015	0,310
CHR9	26638357	CHR9:26638357	SSF x LoA	-6,80299688	-0,122	0,306
CHR9	26642530	CHR9:26642530	SSF x LoA	-7,44210592	-0,125	0,304
CHR9	26644375	CHR9:26644375	SSF x LoA	-10,7656112	0,113	0,302
CHR9	26644403	CHR9:26644403	SSF x LoA	-9,92240962	-0,175	0,303
CHR9	26644518	CHR9:26644518	SSF x LoA	-9,2175971	-0,132	0,291
CHR9	26644605	CHR9:26644605	SSF x LoA	-10,2739136	-0,022	0,315
CHR9	26660829	CHR9:26660829	SSF x LoA	-9,49088043	-0,064	0,308
CHR9	26681520	CHR9:26681520	SSF x LoA	-7,161301	-0,065	0,299
CHR9	2668399	CHR9:2668399	SSF x LoA	-10,1984498	0,013	0,304
CHR9	2668405	CHR9:2668405	SSF x LoA	-9,00457493	-0,056	0,305
CHR9	2668514	CHR9:2668514	SSF x LoA	-8,85485689	0,057	0,317
CHR9	2668527	CHR9:2668527	SSF x LoA	-3,38991441	-0,111	0,303
CHR9	2668601	CHR9:2668601	SSF x LoA	-10,4048239	0,013	0,307
CHR9	2669470	CHR9:2669470	SSF x LoA	3,72753864	-0,119	0,303
CHR9	2669476	CHR9:2669476	SSF x LoA	-9,61837795	0,026	0,307
CHR9	2669485	CHR9:2669485	SSF x LoA	-9,6325873	0,055	0,303
CHR9	26698417	CHR9:26698417	SSF x LoA	-11,0918306	0,057	0,302
CHR9	26698499	CHR9:26698499	SSF x LoA	-7,73826366	-0,052	0,308
CHR9	26698507	CHR9:26698507	SSF x LoA	-9,60112165	-0,038	0,304
CHR9	2671971	CHR9:2671971	SSF x LoA	-9,16561484	-0,086	0,305
CHR9	26727871	CHR9:26727871	SSF x LoA	-4,04286039	0,024	0,312
CHR9	26728019	CHR9:26728019	SSF x LoA	-9,28251151	0,030	0,319
CHR9	26732138	CHR9:26732138	SSF x LoA	-8,51586978	0,023	0,312

CHR9	26743029	CHR9:26743029	SSF x LoA	-8,55195213	0,087	0,310
CHR9	26752679	CHR9:26752679	SSF x LoA	-9,55157875	-0,083	0,313
CHR9	26771535	CHR9:26771535	SSF x LoA	-2,87766245	0,087	0,317
CHR9	26777253	CHR9:26777253	SSF x LoA	-6,24384783	-0,126	0,302
CHR9	26788865	CHR9:26788865	SSF x LoA	-9,80505954	-0,041	0,296
CHR9	26816713	CHR9:26816713	SSF x LoA	-10,5424617	-0,047	0,309
CHR9	26816714	CHR9:26816714	SSF x LoA	-6,69930288	-0,088	0,299
CHR9	26816767	CHR9:26816767	SSF x LoA	-8,67346478	-0,163	0,286
CHR9	26822582	CHR9:26822582	SSF x LoA	-8,35828891	0,108	0,297
CHR9	26822693	CHR9:26822693	SSF x LoA	-10,4106013	0,006	0,319
CHR9	26822762	CHR9:26822762	SSF x LoA	-9,76641305	-0,064	0,316
CHR9	26832919	CHR9:26832919	SSF x LoA	-6,63223244	-0,046	0,301
CHR9	26833819	CHR9:26833819	SSF x LoA	-11,3497126	-0,078	0,309
CHR9	26840284	CHR9:26840284	SSF x LoA	-10,5076795	-0,066	0,302
CHR9	26840313	CHR9:26840313	SSF x LoA	-9,98303996	0,026	0,305
CHR9	26840349	CHR9:26840349	SSF x LoA	-9,18768781	0,052	0,294
CHR9	26840536	CHR9:26840536	SSF x LoA	-4,72945096	0,102	0,309
CHR9	2684854	CHR9:2684854	SSF x LoA	-11,3968352	-0,046	0,302
CHR9	2685398	CHR9:2685398	SSF x LoA	-9,37199486	0,101	0,302
CHR9	2685430	CHR9:2685430	SSF x LoA	-8,12043651	-0,094	0,313
CHR9	26864158	CHR9:26864158	SSF x LoA	-7,924781	0,069	0,302
CHR9	26864194	CHR9:26864194	SSF x LoA	-8,70584499	0,087	0,309
CHR9	26864221	CHR9:26864221	SSF x LoA	-6,23214823	0,125	0,304
CHR9	26868561	CHR9:26868561	SSF x LoA	-5,26249865	-0,005	0,299
CHR9	26868592	CHR9:26868592	SSF x LoA	1,25594543	-0,111	0,305
CHR9	26878497	CHR9:26878497	SSF x LoA	-10,1771875	-0,001	0,304
CHR9	26878666	CHR9:26878666	SSF x LoA	-9,31854019	-0,110	0,292
CHR9	26878730	CHR9:26878730	SSF x LoA	-7,71020634	-0,108	0,307
CHR9	26891764	CHR9:26891764	SSF x LoA	-8,93704409	-0,114	0,307
CHR9	26891815	CHR9:26891815	SSF x LoA	-9,13662233	-0,001	0,312
CHR9	26900216	CHR9:26900216	SSF x LoA	-11,2908181	-0,022	0,316
CHR9	26909472	CHR9:26909472	SSF x LoA	-6,08626941	0,028	0,313
CHR9	26911072	CHR9:26911072	SSF x LoA	-6,05797791	0,021	0,322
CHR9	26918007	CHR9:26918007	SSF x LoA	-8,27939554	0,057	0,316
CHR9	2691960	CHR9:2691960	SSF x LoA	-10,830248	-0,009	0,297
CHR9	2691972	CHR9:2691972	SSF x LoA	-9,95978535	-0,048	0,322
CHR9	2692010	CHR9:2692010	SSF x LoA	-9,67938251	-0,118	0,323
CHR9	2692026	CHR9:2692026	SSF x LoA	-8,49801152	-0,076	0,315
CHR9	2692071	CHR9:2692071	SSF x LoA	-10,7143038	-0,020	0,310
CHR9	2692103	CHR9:2692103	SSF x LoA	-11,453635	-0,007	0,305
CHR9	2692115	CHR9:2692115	SSF x LoA	-7,16727783	-0,129	0,313
CHR9	26933591	CHR9:26933591	SSF x LoA	-4,80871563	-0,017	0,305
CHR9	2693735	CHR9:2693735	SSF x LoA	-2,05772676	0,160	0,307
CHR9	2693792	CHR9:2693792	SSF x LoA	-9,76932447	0,007	0,305
CHR9	26957786	CHR9:26957786	SSF x LoA	-8,40202395	-0,034	0,305
CHR9	26957890	CHR9:26957890	SSF x LoA	-11,6664332	-0,009	0,312
CHR9	26958513	CHR9:26958513	SSF x LoA	-11,6596681	0,003	0,293
CHR9	26965711	CHR9:26965711	SSF x LoA	-10,4753711	-0,051	0,306
CHR9	2696893	CHR9:2696893	SSF x LoA	-7,60476659	-0,122	0,289
CHR9	2710484	CHR9:2710484	SSF x LoA	-8,45244112	-0,097	0,304
CHR9	2710488	CHR9:2710488	SSF x LoA	-8,62195656	-0,076	0,307
CHR9	2710542	CHR9:2710542	SSF x LoA	-8,32677899	-0,044	0,301
CHR9	2713549	CHR9:2713549	SSF x LoA	-8,56554721	-0,010	0,300

CHR9	2715909	CHR9:2715909	SSF x LoA	-8,75544434	-0,096	0,302
CHR9	2724319	CHR9:2724319	SSF x LoA	-0,74479672	-0,031	0,299
CHR9	2727543	CHR9:2727543	SSF x LoA	-9,16563297	-0,070	0,310
CHR9	2727569	CHR9:2727569	SSF x LoA	-9,4045189	0,046	0,303
CHR9	2727590	CHR9:2727590	SSF x LoA	-1,69641273	-0,137	0,301
CHR9	2727666	CHR9:2727666	SSF x LoA	-8,79994296	-0,085	0,309
CHR9	2729607	CHR9:2729607	SSF x LoA	-10,8294947	-0,020	0,303
CHR9	2729738	CHR9:2729738	SSF x LoA	-9,45085033	0,004	0,304
CHR9	2742410	CHR9:2742410	SSF x LoA	-9,4780782	-0,014	0,303
CHR9	2753676	CHR9:2753676	SSF x LoA	-8,96324981	0,027	0,319
CHR9	2753745	CHR9:2753745	SSF x LoA	-9,906007	-0,041	0,295
CHR9	2753911	CHR9:2753911	SSF x LoA	-9,86706124	0,062	0,308
CHR9	2754653	CHR9:2754653	SSF x LoA	-10,0960864	0,059	0,307
CHR9	2754730	CHR9:2754730	SSF x LoA	-9,62390103	0,047	0,314
CHR9	2754806	CHR9:2754806	SSF x LoA	-6,71951445	-0,141	0,302
CHR9	2754811	CHR9:2754811	SSF x LoA	-5,732043	-0,098	0,304
CHR9	2754814	CHR9:2754814	SSF x LoA	-7,51396926	-0,097	0,294
CHR9	2763202	CHR9:2763202	SSF x LoA	-9,44457108	0,027	0,301
CHR9	2763230	CHR9:2763230	SSF x LoA	-6,91044308	0,172	0,282
CHR9	2765411	CHR9:2765411	SSF x LoA	-7,74136361	-0,065	0,318
CHR9	2765507	CHR9:2765507	SSF x LoA	-11,446234	0,020	0,304
CHR9	2767423	CHR9:2767423	SSF x LoA	-9,2703122	0,107	0,320
CHR9	2767579	CHR9:2767579	SSF x LoA	-11,676916	0,045	0,308
CHR9	2767643	CHR9:2767643	SSF x LoA	-5,28124976	0,157	0,299
CHR9	2767649	CHR9:2767649	SSF x LoA	-10,5975811	-0,046	0,303
CHR9	2779797	CHR9:2779797	SSF x LoA	-11,8875027	-0,008	0,293
CHR9	2783413	CHR9:2783413	SSF x LoA	-8,64983365	0,116	0,301
CHR9	2785857	CHR9:2785857	SSF x LoA	-10,2289728	0,010	0,314
CHR9	2785925	CHR9:2785925	SSF x LoA	-7,18109782	0,048	0,305
CHR9	2786014	CHR9:2786014	SSF x LoA	-8,53366519	0,015	0,308
CHR9	2792489	CHR9:2792489	SSF x LoA	1,02324534	0,092	0,305
CHR9	2792533	CHR9:2792533	SSF x LoA	-8,48041429	-0,036	0,308
CHR9	2792604	CHR9:2792604	SSF x LoA	-6,40435647	0,002	0,311
CHR9	2795035	CHR9:2795035	SSF x LoA	-10,3163711	0,026	0,299
CHR9	2804528	CHR9:2804528	SSF x LoA	-5,62689114	0,043	0,304
CHR9	2804530	CHR9:2804530	SSF x LoA	-9,04682258	0,068	0,301
CHR9	2804579	CHR9:2804579	SSF x LoA	-8,72011697	-0,034	0,291
CHR9	2804580	CHR9:2804580	SSF x LoA	-7,54401498	-0,046	0,304
CHR9	2806636	CHR9:2806636	SSF x LoA	-7,00914903	0,109	0,305
CHR9	2806675	CHR9:2806675	SSF x LoA	-10,7554953	-0,039	0,303
CHR9	2806694	CHR9:2806694	SSF x LoA	-9,3438866	0,080	0,302
CHR9	2808207	CHR9:2808207	SSF x LoA	-8,74072903	-0,043	0,307
CHR9	2808230	CHR9:2808230	SSF x LoA	-8,08065304	-0,047	0,312
CHR9	2808241	CHR9:2808241	SSF x LoA	-10,0349509	0,093	0,291
CHR9	2808300	CHR9:2808300	SSF x LoA	-6,82593386	-0,169	0,306
CHR9	28112	CHR9:28112	SSF x LoA	-6,3454293	-0,089	0,302
CHR9	2812871	CHR9:2812871	SSF x LoA	-9,04583198	0,018	0,307
CHR9	2812900	CHR9:2812900	SSF x LoA	-10,9033803	0,022	0,297
CHR9	2812930	CHR9:2812930	SSF x LoA	-8,30801509	-0,037	0,307
CHR9	2812943	CHR9:2812943	SSF x LoA	-6,33666932	0,049	0,311
CHR9	2813105	CHR9:2813105	SSF x LoA	-4,51780061	0,059	0,308
CHR9	2817208	CHR9:2817208	SSF x LoA	-6,89846201	0,082	0,302
CHR9	2821327	CHR9:2821327	SSF x LoA	-8,92938199	-0,069	0,307

CHR9	2821447	CHR9:2821447	SSF x LoA	-3,81261011	-0,158	0,298
CHR9	2821556	CHR9:2821556	SSF x LoA	-9,45912181	-0,045	0,299
CHR9	2827757	CHR9:2827757	SSF x LoA	-7,90296184	0,013	0,307
CHR9	2828377	CHR9:2828377	SSF x LoA	-7,04873325	-0,183	0,283
CHR9	2828402	CHR9:2828402	SSF x LoA	-8,52988162	-0,098	0,290
CHR9	2828473	CHR9:2828473	SSF x LoA	-9,6914147	-0,053	0,304
CHR9	2834439	CHR9:2834439	SSF x LoA	-9,56624508	0,026	0,322
CHR9	2834546	CHR9:2834546	SSF x LoA	-9,17450111	-0,087	0,305
CHR9	2834609	CHR9:2834609	SSF x LoA	-10,7396714	0,099	0,297
CHR9	2834665	CHR9:2834665	SSF x LoA	-7,33050788	-0,110	0,318
CHR9	283646	CHR9:283646	SSF x LoA	-9,56316463	0,048	0,307
CHR9	2846465	CHR9:2846465	SSF x LoA	-7,61735945	0,106	0,311
CHR9	2846466	CHR9:2846466	SSF x LoA	-12,5027452	-0,046	0,298
CHR9	2846472	CHR9:2846472	SSF x LoA	-8,5685938	0,041	0,305
CHR9	2849283	CHR9:2849283	SSF x LoA	-7,08594095	-0,122	0,314
CHR9	2849291	CHR9:2849291	SSF x LoA	-10,6661845	0,033	0,283
CHR9	2849293	CHR9:2849293	SSF x LoA	-7,54214513	0,051	0,316
CHR9	2849403	CHR9:2849403	SSF x LoA	-9,0070751	-0,079	0,302
CHR9	2851207	CHR9:2851207	SSF x LoA	-9,50059647	-0,020	0,313
CHR9	2851284	CHR9:2851284	SSF x LoA	-6,79307266	-0,108	0,296
CHR9	2851328	CHR9:2851328	SSF x LoA	-11,3473495	0,078	0,300
CHR9	2851354	CHR9:2851354	SSF x LoA	-10,6150899	0,072	0,290
CHR9	2851361	CHR9:2851361	SSF x LoA	-7,0831161	-0,024	0,286
CHR9	2851402	CHR9:2851402	SSF x LoA	-7,54876343	-0,058	0,310
CHR9	2857576	CHR9:2857576	SSF x LoA	-8,24411057	0,045	0,310
CHR9	2857583	CHR9:2857583	SSF x LoA	-7,7841246	0,038	0,289
CHR9	2857712	CHR9:2857712	SSF x LoA	-10,3683345	0,021	0,301
CHR9	2857883	CHR9:2857883	SSF x LoA	-10,7797614	-0,024	0,306
CHR9	2867980	CHR9:2867980	SSF x LoA	-9,23812325	-0,108	0,303
CHR9	2868128	CHR9:2868128	SSF x LoA	-9,64941485	0,036	0,302
CHR9	2868135	CHR9:2868135	SSF x LoA	-8,22026415	0,153	0,306
CHR9	2868226	CHR9:2868226	SSF x LoA	-5,42657705	-0,042	0,301
CHR9	2869854	CHR9:2869854	SSF x LoA	-11,583986	-0,068	0,304
CHR9	2870891	CHR9:2870891	SSF x LoA	-7,52504861	0,147	0,298
CHR9	2870896	CHR9:2870896	SSF x LoA	-8,13248521	-0,111	0,302
CHR9	2870897	CHR9:2870897	SSF x LoA	-8,77785389	-0,105	0,307
CHR9	2870898	CHR9:2870898	SSF x LoA	-7,20598731	-0,126	0,304
CHR9	2871120	CHR9:2871120	SSF x LoA	-7,88144547	0,035	0,311
CHR9	287143	CHR9:287143	SSF x LoA	-9,10134709	0,006	0,315
CHR9	288300	CHR9:288300	SSF x LoA	-11,3147311	0,010	0,302
CHR9	2890829	CHR9:2890829	SSF x LoA	-8,78378834	-0,063	0,315
CHR9	2890969	CHR9:2890969	SSF x LoA	-11,5856487	-0,051	0,308
CHR9	2896696	CHR9:2896696	SSF x LoA	-6,04553578	-0,115	0,296
CHR9	2904306	CHR9:2904306	SSF x LoA	-10,7285422	-0,034	0,298
CHR9	2904449	CHR9:2904449	SSF x LoA	-5,45336537	-0,171	0,300
CHR9	2904459	CHR9:2904459	SSF x LoA	-4,55659763	0,092	0,311
CHR9	2904479	CHR9:2904479	SSF x LoA	-6,80033173	0,007	0,302
CHR9	2905571	CHR9:2905571	SSF x LoA	-8,65351159	0,042	0,300
CHR9	2905680	CHR9:2905680	SSF x LoA	-10,5686806	0,045	0,313
CHR9	2905701	CHR9:2905701	SSF x LoA	-9,05289996	0,089	0,308
CHR9	2905702	CHR9:2905702	SSF x LoA	-8,90747708	0,107	0,307
CHR9	2905717	CHR9:2905717	SSF x LoA	-7,85415046	0,078	0,312
CHR9	2905746	CHR9:2905746	SSF x LoA	-9,91193053	0,027	0,305

CHR9	2905776	CHR9:2905776	SSF x LoA	-10,4372439	0,040	0,304
CHR9	29134	CHR9:29134	SSF x LoA	-10,3736043	0,034	0,315
CHR9	2913914	CHR9:2913914	SSF x LoA	-6,31621362	0,146	0,308
CHR9	2913953	CHR9:2913953	SSF x LoA	-6,67077897	0,022	0,298
CHR9	2913958	CHR9:2913958	SSF x LoA	-8,58195633	0,031	0,295
CHR9	2914063	CHR9:2914063	SSF x LoA	-10,9539175	0,029	0,308
CHR9	2914133	CHR9:2914133	SSF x LoA	-9,05158046	-0,090	0,311
CHR9	2918592	CHR9:2918592	SSF x LoA	-6,8878198	0,090	0,306
CHR9	2918667	CHR9:2918667	SSF x LoA	-9,83837685	0,145	0,303
CHR9	2918683	CHR9:2918683	SSF x LoA	-8,50130518	0,114	0,312
CHR9	29199	CHR9:29199	SSF x LoA	-8,55905579	0,037	0,319
CHR9	29206	CHR9:29206	SSF x LoA	-8,34534423	0,061	0,311
CHR9	2924096	CHR9:2924096	SSF x LoA	-11,9553794	0,059	0,294
CHR9	2924097	CHR9:2924097	SSF x LoA	-8,88233256	0,079	0,301
CHR9	2924115	CHR9:2924115	SSF x LoA	-10,0363216	-0,006	0,309
CHR9	2924152	CHR9:2924152	SSF x LoA	-9,82223462	0,017	0,297
CHR9	2924200	CHR9:2924200	SSF x LoA	-9,66550114	-0,024	0,293
CHR9	2927423	CHR9:2927423	SSF x LoA	-10,4154971	-0,141	0,301
CHR9	2929311	CHR9:2929311	SSF x LoA	-8,08938866	-0,118	0,318
CHR9	2929555	CHR9:2929555	SSF x LoA	-7,98477464	-0,038	0,306
CHR9	2930469	CHR9:2930469	SSF x LoA	-9,41281678	-0,004	0,303
CHR9	2930475	CHR9:2930475	SSF x LoA	-9,49819773	-0,054	0,311
CHR9	2930476	CHR9:2930476	SSF x LoA	-10,8564857	-0,022	0,305
CHR9	2930504	CHR9:2930504	SSF x LoA	-8,8145764	0,101	0,297
CHR9	2930508	CHR9:2930508	SSF x LoA	-8,97370808	0,055	0,298
CHR9	2930537	CHR9:2930537	SSF x LoA	-6,06330913	-0,167	0,303
CHR9	2936608	CHR9:2936608	SSF x LoA	-8,48608391	0,073	0,302
CHR9	2936693	CHR9:2936693	SSF x LoA	-8,30840046	-0,133	0,315
CHR9	2936828	CHR9:2936828	SSF x LoA	-9,1456498	-0,028	0,312
CHR9	29384	CHR9:29384	SSF x LoA	-6,89085703	-0,026	0,313
CHR9	2940601	CHR9:2940601	SSF x LoA	-9,30376846	0,041	0,304
CHR9	2940719	CHR9:2940719	SSF x LoA	-7,54846637	-0,040	0,298
CHR9	2940735	CHR9:2940735	SSF x LoA	-9,90702306	-0,057	0,317
CHR9	2942942	CHR9:2942942	SSF x LoA	-8,96911218	-0,045	0,302
CHR9	2951708	CHR9:2951708	SSF x LoA	-9,32315999	-0,022	0,315
CHR9	2951710	CHR9:2951710	SSF x LoA	-9,19906274	-0,027	0,312
CHR9	2956012	CHR9:2956012	SSF x LoA	-8,31750135	0,081	0,304
CHR9	2956054	CHR9:2956054	SSF x LoA	-7,79091686	0,073	0,315
CHR9	2970323	CHR9:2970323	SSF x LoA	-2,32384194	-0,011	0,302
CHR9	2970379	CHR9:2970379	SSF x LoA	-9,15955993	-0,003	0,301
CHR9	2974303	CHR9:2974303	SSF x LoA	-8,48986449	-0,021	0,313
CHR9	2974344	CHR9:2974344	SSF x LoA	-6,99484214	-0,104	0,295
CHR9	2974349	CHR9:2974349	SSF x LoA	-10,3797482	-0,069	0,291
CHR9	2974495	CHR9:2974495	SSF x LoA	-10,4662481	-0,006	0,304
CHR9	298277	CHR9:298277	SSF x LoA	-9,7159747	-0,053	0,295
CHR9	2982830	CHR9:2982830	SSF x LoA	-9,6200497	0,021	0,298
CHR9	2988218	CHR9:2988218	SSF x LoA	-7,46832154	0,130	0,301
CHR9	2988266	CHR9:2988266	SSF x LoA	-8,78295318	0,108	0,316
CHR9	2988294	CHR9:2988294	SSF x LoA	-2,42214619	-0,063	0,310
CHR9	2992359	CHR9:2992359	SSF x LoA	-9,2050859	-0,008	0,309
CHR9	2993231	CHR9:2993231	SSF x LoA	-7,85205761	-0,099	0,312
CHR9	2993245	CHR9:2993245	SSF x LoA	-8,48848348	-0,126	0,301
CHR9	2993257	CHR9:2993257	SSF x LoA	-9,50675522	-0,055	0,309

CHR9	2993268	CHR9:2993268	SSF x LoA	-8,54095831	-0,142	0,299
CHR9	2993326	CHR9:2993326	SSF x LoA	-7,99481298	-0,154	0,307
CHR9	2997871	CHR9:2997871	SSF x LoA	-10,1732908	0,092	0,296
CHR9	2997882	CHR9:2997882	SSF x LoA	-10,4315768	-0,030	0,311
CHR9	2997895	CHR9:2997895	SSF x LoA	-11,1563148	-0,134	0,299
CHR9	2997943	CHR9:2997943	SSF x LoA	-8,13712318	0,130	0,297
CHR9	3002804	CHR9:3002804	SSF x LoA	-6,32797834	-0,082	0,317
CHR9	3002840	CHR9:3002840	SSF x LoA	-6,94983847	0,006	0,325
CHR9	3003011	CHR9:3003011	SSF x LoA	-8,83626414	-0,053	0,311
CHR9	3003012	CHR9:3003012	SSF x LoA	-11,4390486	-0,011	0,300
CHR9	3003015	CHR9:3003015	SSF x LoA	-7,06889256	0,184	0,299
CHR9	3003055	CHR9:3003055	SSF x LoA	-9,98902121	0,050	0,293
CHR9	3003077	CHR9:3003077	SSF x LoA	-7,43711196	0,171	0,301
CHR9	3006648	CHR9:3006648	SSF x LoA	-0,49721041	0,042	0,302
CHR9	3006724	CHR9:3006724	SSF x LoA	-9,30688775	-0,004	0,307
CHR9	3006855	CHR9:3006855	SSF x LoA	-10,8573239	-0,021	0,296
CHR9	3006881	CHR9:3006881	SSF x LoA	-7,58032991	0,027	0,317
CHR9	3008311	CHR9:3008311	SSF x LoA	-9,06464742	0,002	0,306
CHR9	3008337	CHR9:3008337	SSF x LoA	-7,85022186	0,118	0,310
CHR9	3008349	CHR9:3008349	SSF x LoA	-10,2922296	0,013	0,301
CHR9	3008486	CHR9:3008486	SSF x LoA	-8,57050575	0,068	0,312
CHR9	3008551	CHR9:3008551	SSF x LoA	-7,15997069	-0,043	0,316
CHR9	3008680	CHR9:3008680	SSF x LoA	-9,47881554	0,095	0,301
CHR9	3017698	CHR9:3017698	SSF x LoA	-9,28906643	0,084	0,301
CHR9	3026752	CHR9:3026752	SSF x LoA	-6,0353886	-0,043	0,310
CHR9	3026900	CHR9:3026900	SSF x LoA	-9,2223314	-0,071	0,297
CHR9	3026939	CHR9:3026939	SSF x LoA	-10,0486779	-0,128	0,319
CHR9	303040	CHR9:303040	SSF x LoA	-8,60060703	-0,086	0,306
CHR9	3034808	CHR9:3034808	SSF x LoA	-9,54664575	-0,028	0,313
CHR9	3036504	CHR9:3036504	SSF x LoA	-10,033672	0,050	0,313
CHR9	3036700	CHR9:3036700	SSF x LoA	-7,36349012	-0,126	0,294
CHR9	3040835	CHR9:3040835	SSF x LoA	-10,1446779	0,028	0,304
CHR9	3040866	CHR9:3040866	SSF x LoA	-11,0587461	0,026	0,302
CHR9	3058441	CHR9:3058441	SSF x LoA	-10,5610726	0,002	0,309
CHR9	3058519	CHR9:3058519	SSF x LoA	-8,70042836	-0,091	0,310
CHR9	3058531	CHR9:3058531	SSF x LoA	-10,3630153	-0,036	0,312
CHR9	3060735	CHR9:3060735	SSF x LoA	-11,5489184	0,019	0,309
CHR9	3060740	CHR9:3060740	SSF x LoA	-9,74132189	0,031	0,314
CHR9	3063022	CHR9:3063022	SSF x LoA	-4,28537059	-0,254	0,277
CHR9	3068731	CHR9:3068731	SSF x LoA	-5,16512915	-0,057	0,308
CHR9	3068735	CHR9:3068735	SSF x LoA	-7,20523845	-0,068	0,301
CHR9	3074663	CHR9:3074663	SSF x LoA	-6,56323264	-0,084	0,320
CHR9	3074669	CHR9:3074669	SSF x LoA	-8,07278875	-0,024	0,318
CHR9	3074672	CHR9:3074672	SSF x LoA	-11,4421389	0,083	0,302
CHR9	3074675	CHR9:3074675	SSF x LoA	-11,1071705	0,032	0,310
CHR9	3074720	CHR9:3074720	SSF x LoA	-6,86389592	0,138	0,288
CHR9	3074739	CHR9:3074739	SSF x LoA	-8,93675611	-0,079	0,318
CHR9	3074740	CHR9:3074740	SSF x LoA	-8,48245078	0,020	0,307
CHR9	3074766	CHR9:3074766	SSF x LoA	-8,99584579	-0,034	0,298
CHR9	3074851	CHR9:3074851	SSF x LoA	-6,40443505	0,155	0,309
CHR9	3074880	CHR9:3074880	SSF x LoA	-7,40501654	0,110	0,311
CHR9	3074886	CHR9:3074886	SSF x LoA	6,03161336	-0,154	0,296
CHR9	3078379	CHR9:3078379	SSF x LoA	-8,52708466	-0,033	0,316

CHR9	3078381	CHR9:3078381	SSF x LoA	-7,86627332	-0,073	0,298
CHR9	3078863	CHR9:3078863	SSF x LoA	-9,90555669	0,159	0,292
CHR9	3078872	CHR9:3078872	SSF x LoA	-3,62960331	0,078	0,326
CHR9	3078945	CHR9:3078945	SSF x LoA	-9,89120403	0,069	0,299
CHR9	3084012	CHR9:3084012	SSF x LoA	-10,7292264	-0,106	0,305
CHR9	3084086	CHR9:3084086	SSF x LoA	-10,3098541	0,093	0,303
CHR9	3084127	CHR9:3084127	SSF x LoA	-5,63890562	0,120	0,292
CHR9	3084128	CHR9:3084128	SSF x LoA	-9,14865445	0,006	0,317
CHR9	3084142	CHR9:3084142	SSF x LoA	-11,8301394	-0,037	0,297
CHR9	3089256	CHR9:3089256	SSF x LoA	-10,6631715	-0,008	0,299
CHR9	3089358	CHR9:3089358	SSF x LoA	-9,15755064	0,068	0,322
CHR9	3099555	CHR9:3099555	SSF x LoA	-10,5327594	-0,074	0,307
CHR9	3106846	CHR9:3106846	SSF x LoA	-6,66555132	-0,051	0,305
CHR9	3106861	CHR9:3106861	SSF x LoA	-10,7105445	0,009	0,320
CHR9	3112662	CHR9:3112662	SSF x LoA	-8,77857662	-0,025	0,305
CHR9	3112669	CHR9:3112669	SSF x LoA	-8,15774817	-0,120	0,309
CHR9	3112670	CHR9:3112670	SSF x LoA	-8,84303584	0,062	0,277
CHR9	3112679	CHR9:3112679	SSF x LoA	-8,60773499	0,024	0,290
CHR9	3112721	CHR9:3112721	SSF x LoA	-9,04012848	-0,064	0,303
CHR9	3112729	CHR9:3112729	SSF x LoA	-7,54953388	-0,001	0,303
CHR9	3116650	CHR9:3116650	SSF x LoA	-7,57814854	0,122	0,277
CHR9	3116656	CHR9:3116656	SSF x LoA	-10,7665956	0,096	0,295
CHR9	3119336	CHR9:3119336	SSF x LoA	-8,22003323	-0,066	0,294
CHR9	3124969	CHR9:3124969	SSF x LoA	-8,99131298	0,056	0,303
CHR9	3124973	CHR9:3124973	SSF x LoA	-7,89526125	-0,011	0,313
CHR9	3125006	CHR9:3125006	SSF x LoA	-8,90269437	0,100	0,308
CHR9	3130724	CHR9:3130724	SSF x LoA	-10,5319025	-0,088	0,304
CHR9	3130770	CHR9:3130770	SSF x LoA	-10,8490828	0,141	0,295
CHR9	3136789	CHR9:3136789	SSF x LoA	-10,9311501	-0,062	0,318
CHR9	3136811	CHR9:3136811	SSF x LoA	-8,1497597	0,054	0,315
CHR9	3136812	CHR9:3136812	SSF x LoA	-8,16916903	0,087	0,307
CHR9	3136813	CHR9:3136813	SSF x LoA	-8,27285773	0,076	0,306
CHR9	3136814	CHR9:3136814	SSF x LoA	-6,70003698	0,070	0,306
CHR9	3139626	CHR9:3139626	SSF x LoA	-8,59203262	-0,105	0,307
CHR9	3140249	CHR9:3140249	SSF x LoA	-6,26314108	-0,010	0,313
CHR9	3150910	CHR9:3150910	SSF x LoA	-8,3508122	-0,011	0,305
CHR9	3150965	CHR9:3150965	SSF x LoA	-6,67733728	-0,041	0,321
CHR9	3150966	CHR9:3150966	SSF x LoA	-8,28225215	-0,023	0,316
CHR9	3153158	CHR9:3153158	SSF x LoA	-8,35523965	0,011	0,305
CHR9	3153253	CHR9:3153253	SSF x LoA	-10,4482125	-0,049	0,303
CHR9	3153297	CHR9:3153297	SSF x LoA	-10,5521072	-0,023	0,310
CHR9	3158480	CHR9:3158480	SSF x LoA	-10,0466208	0,028	0,312
CHR9	3158481	CHR9:3158481	SSF x LoA	-10,3646224	0,038	0,303
CHR9	317384	CHR9:317384	SSF x LoA	-10,2399962	0,019	0,291
CHR9	317427	CHR9:317427	SSF x LoA	-9,89808802	-0,068	0,308
CHR9	3195247	CHR9:3195247	SSF x LoA	-9,95645707	0,059	0,301
CHR9	3200269	CHR9:3200269	SSF x LoA	-8,5857882	0,003	0,321
CHR9	3200293	CHR9:3200293	SSF x LoA	-9,10861403	-0,002	0,309
CHR9	3200311	CHR9:3200311	SSF x LoA	-10,3773954	0,099	0,304
CHR9	3200330	CHR9:3200330	SSF x LoA	-10,354426	0,047	0,304
CHR9	3200365	CHR9:3200365	SSF x LoA	-7,18132385	0,141	0,311
CHR9	3200390	CHR9:3200390	SSF x LoA	-10,2350884	-0,078	0,285
CHR9	3200421	CHR9:3200421	SSF x LoA	-0,68700737	0,203	0,292

CHR9	3200496	CHR9:3200496	SSF x LoA	-11,0728874	-0,025	0,301
CHR9	3203536	CHR9:3203536	SSF x LoA	-8,64917146	0,090	0,310
CHR9	3203692	CHR9:3203692	SSF x LoA	-9,80202613	-0,069	0,306
CHR9	3203693	CHR9:3203693	SSF x LoA	-8,99835261	-0,058	0,308
CHR9	3204629	CHR9:3204629	SSF x LoA	-11,0628693	-0,053	0,310
CHR9	3204636	CHR9:3204636	SSF x LoA	-12,0632303	0,020	0,303
CHR9	3204638	CHR9:3204638	SSF x LoA	-8,5989526	-0,060	0,304
CHR9	3204675	CHR9:3204675	SSF x LoA	-10,2990114	-0,027	0,315
CHR9	3214933	CHR9:3214933	SSF x LoA	-6,71586519	0,172	0,288
CHR9	3214986	CHR9:3214986	SSF x LoA	-3,39868776	-0,243	0,284
CHR9	3215085	CHR9:3215085	SSF x LoA	-6,02937597	-0,088	0,305
CHR9	3218703	CHR9:3218703	SSF x LoA	-5,98370884	-0,007	0,325
CHR9	3231425	CHR9:3231425	SSF x LoA	-7,70908408	0,014	0,314
CHR9	3231438	CHR9:3231438	SSF x LoA	-11,2543587	0,006	0,307
CHR9	3231449	CHR9:3231449	SSF x LoA	-8,33907637	0,052	0,314
CHR9	3234588	CHR9:3234588	SSF x LoA	-8,34858528	0,000	0,313
CHR9	3234651	CHR9:3234651	SSF x LoA	-8,33190152	0,061	0,306
CHR9	3236034	CHR9:3236034	SSF x LoA	-7,11988486	0,011	0,307
CHR9	3236866	CHR9:3236866	SSF x LoA	-8,95255396	-0,028	0,318
CHR9	3236883	CHR9:3236883	SSF x LoA	-9,97377844	-0,017	0,302
CHR9	3249849	CHR9:3249849	SSF x LoA	-10,8369006	0,007	0,297
CHR9	3265121	CHR9:3265121	SSF x LoA	-11,7256991	-0,036	0,310
CHR9	3265181	CHR9:3265181	SSF x LoA	-8,07393637	0,002	0,319
CHR9	3266278	CHR9:3266278	SSF x LoA	-9,81257501	0,079	0,310
CHR9	3266299	CHR9:3266299	SSF x LoA	-10,2089525	0,013	0,318
CHR9	3274407	CHR9:3274407	SSF x LoA	-9,13775033	0,068	0,313
CHR9	328790	CHR9:328790	SSF x LoA	-12,4732487	-0,024	0,308
CHR9	328896	CHR9:328896	SSF x LoA	-9,89379521	0,110	0,312
CHR9	3291008	CHR9:3291008	SSF x LoA	-9,87636978	0,122	0,313
CHR9	3305753	CHR9:3305753	SSF x LoA	-7,58952125	-0,106	0,314
CHR9	3305852	CHR9:3305852	SSF x LoA	-8,3715759	0,063	0,301
CHR9	3316937	CHR9:3316937	SSF x LoA	-11,7017901	-0,020	0,301
CHR9	333143	CHR9:333143	SSF x LoA	-10,0768884	0,031	0,293
CHR9	333144	CHR9:333144	SSF x LoA	-3,46771966	0,152	0,301
CHR9	333171	CHR9:333171	SSF x LoA	-9,37853401	0,057	0,305
CHR9	333196	CHR9:333196	SSF x LoA	-10,5148759	0,060	0,303
CHR9	333248	CHR9:333248	SSF x LoA	-8,81461251	0,063	0,295
CHR9	333344	CHR9:333344	SSF x LoA	-10,1757981	-0,006	0,309
CHR9	333349	CHR9:333349	SSF x LoA	-9,73306521	0,008	0,315
CHR9	3334686	CHR9:3334686	SSF x LoA	-8,75127292	-0,010	0,301
CHR9	3334795	CHR9:3334795	SSF x LoA	-9,02402141	0,037	0,313
CHR9	3335908	CHR9:3335908	SSF x LoA	-5,25525046	-0,082	0,306
CHR9	3336047	CHR9:3336047	SSF x LoA	-9,44592439	0,074	0,306
CHR9	3358187	CHR9:3358187	SSF x LoA	-9,28879868	-0,062	0,308
CHR9	3358618	CHR9:3358618	SSF x LoA	-12,4005555	0,039	0,297
CHR9	3366441	CHR9:3366441	SSF x LoA	-11,5687556	-0,034	0,303
CHR9	3380707	CHR9:3380707	SSF x LoA	-9,42943175	-0,026	0,308
CHR9	3380721	CHR9:3380721	SSF x LoA	0,99750523	-0,235	0,286
CHR9	3380740	CHR9:3380740	SSF x LoA	6,32195784	-0,266	0,267
CHR9	3380742	CHR9:3380742	SSF x LoA	-4,5772082	-0,267	0,272
CHR9	3380760	CHR9:3380760	SSF x LoA	-8,04589576	-0,072	0,289
CHR9	3380810	CHR9:3380810	SSF x LoA	-4,24464609	0,213	0,292
CHR9	3380888	CHR9:3380888	SSF x LoA	-7,1164918	-0,153	0,289

CHR9	3380925	CHR9:3380925	SSF x LoA	-11,5837048	0,053	0,310
CHR9	3386078	CHR9:3386078	SSF x LoA	-7,96310091	-0,026	0,318
CHR9	3386080	CHR9:3386080	SSF x LoA	-8,45046328	-0,053	0,319
CHR9	3396740	CHR9:3396740	SSF x LoA	-8,90841892	0,016	0,308
CHR9	3396789	CHR9:3396789	SSF x LoA	-9,16804118	0,103	0,306
CHR9	3406447	CHR9:3406447	SSF x LoA	-8,08056658	0,071	0,309
CHR9	3408413	CHR9:3408413	SSF x LoA	-8,49248388	0,077	0,313
CHR9	3408445	CHR9:3408445	SSF x LoA	-10,6182229	-0,107	0,288
CHR9	3408494	CHR9:3408494	SSF x LoA	-11,7464292	0,051	0,295
CHR9	3408514	CHR9:3408514	SSF x LoA	-11,6049591	-0,003	0,311
CHR9	3408646	CHR9:3408646	SSF x LoA	-7,6929108	0,024	0,302
CHR9	3420457	CHR9:3420457	SSF x LoA	-8,82996725	0,049	0,301
CHR9	342249	CHR9:342249	SSF x LoA	-7,14037114	0,074	0,308
CHR9	342445	CHR9:342445	SSF x LoA	-10,4684607	0,058	0,306
CHR9	3428949	CHR9:3428949	SSF x LoA	-5,33359075	0,117	0,300
CHR9	3428974	CHR9:3428974	SSF x LoA	-10,851355	-0,037	0,302
CHR9	3428975	CHR9:3428975	SSF x LoA	-8,99492747	0,039	0,330
CHR9	3429107	CHR9:3429107	SSF x LoA	-10,9126501	0,002	0,295
CHR9	3446764	CHR9:3446764	SSF x LoA	-9,01812107	0,023	0,311
CHR9	3446806	CHR9:3446806	SSF x LoA	-8,94332492	-0,112	0,291
CHR9	3446815	CHR9:3446815	SSF x LoA	-9,40681743	0,008	0,314
CHR9	3446823	CHR9:3446823	SSF x LoA	-10,7840602	-0,088	0,300
CHR9	3446848	CHR9:3446848	SSF x LoA	-4,91742103	0,139	0,301
CHR9	3451017	CHR9:3451017	SSF x LoA	-12,1399727	-0,018	0,295
CHR9	3451022	CHR9:3451022	SSF x LoA	-9,21563262	0,042	0,303
CHR9	3457894	CHR9:3457894	SSF x LoA	-10,8428919	0,048	0,304
CHR9	3458019	CHR9:3458019	SSF x LoA	-11,409183	-0,026	0,325
CHR9	345843	CHR9:345843	SSF x LoA	-10,2094744	-0,097	0,315
CHR9	345859	CHR9:345859	SSF x LoA	-10,6417078	-0,095	0,317
CHR9	345868	CHR9:345868	SSF x LoA	-9,9029334	0,092	0,309
CHR9	3462520	CHR9:3462520	SSF x LoA	-8,3853616	-0,174	0,317
CHR9	3466187	CHR9:3466187	SSF x LoA	-8,77776704	-0,090	0,313
CHR9	3466446	CHR9:3466446	SSF x LoA	-7,05528241	-0,074	0,316
CHR9	3469879	CHR9:3469879	SSF x LoA	-5,59890462	-0,134	0,308
CHR9	3469958	CHR9:3469958	SSF x LoA	-8,41246023	0,177	0,307
CHR9	3470025	CHR9:3470025	SSF x LoA	-9,78727672	-0,066	0,308
CHR9	3470045	CHR9:3470045	SSF x LoA	-9,51706752	-0,070	0,306
CHR9	3470124	CHR9:3470124	SSF x LoA	-9,18491553	-0,090	0,311
CHR9	3479232	CHR9:3479232	SSF x LoA	-8,8030522	0,077	0,294
CHR9	3479279	CHR9:3479279	SSF x LoA	-8,2047938	0,097	0,310
CHR9	3479437	CHR9:3479437	SSF x LoA	-7,8030046	-0,116	0,315
CHR9	3479474	CHR9:3479474	SSF x LoA	-9,86775606	0,052	0,299
CHR9	3484986	CHR9:3484986	SSF x LoA	-8,75932649	0,010	0,313
CHR9	3491752	CHR9:3491752	SSF x LoA	-6,89283965	0,101	0,309
CHR9	3491812	CHR9:3491812	SSF x LoA	-2,58003808	0,165	0,295
CHR9	3492590	CHR9:3492590	SSF x LoA	-8,38219161	-0,063	0,302
CHR9	3492617	CHR9:3492617	SSF x LoA	-8,51305441	-0,065	0,306
CHR9	3501440	CHR9:3501440	SSF x LoA	-8,90038733	0,031	0,322
CHR9	350553	CHR9:350553	SSF x LoA	-8,80838852	-0,027	0,319
CHR9	350745	CHR9:350745	SSF x LoA	-8,99713189	-0,093	0,321
CHR9	3519400	CHR9:3519400	SSF x LoA	-8,68348555	-0,025	0,302
CHR9	3519585	CHR9:3519585	SSF x LoA	-10,8166381	0,050	0,314
CHR9	3519701	CHR9:3519701	SSF x LoA	-7,33319983	-0,089	0,312

CHR9	3530193	CHR9:3530193	SSF x LoA	-8,91478961	0,050	0,311
CHR9	3530306	CHR9:3530306	SSF x LoA	-9,391428	0,064	0,292
CHR9	3530316	CHR9:3530316	SSF x LoA	-9,6180948	0,036	0,295
CHR9	353934	CHR9:353934	SSF x LoA	-10,1898533	0,092	0,297
CHR9	354060	CHR9:354060	SSF x LoA	-6,70267385	0,135	0,315
CHR9	354067	CHR9:354067	SSF x LoA	-8,76560063	0,049	0,304
CHR9	354081	CHR9:354081	SSF x LoA	-11,5629107	0,037	0,297
CHR9	3540994	CHR9:3540994	SSF x LoA	-9,2401504	-0,150	0,300
CHR9	3549283	CHR9:3549283	SSF x LoA	-5,97475338	0,176	0,295
CHR9	3549346	CHR9:3549346	SSF x LoA	-8,98641329	-0,035	0,303
CHR9	3554567	CHR9:3554567	SSF x LoA	-9,06244351	0,085	0,310
CHR9	3562578	CHR9:3562578	SSF x LoA	-7,46734837	0,089	0,314
CHR9	3564441	CHR9:3564441	SSF x LoA	-10,3508896	0,052	0,311
CHR9	3564484	CHR9:3564484	SSF x LoA	0,96262338	0,086	0,310
CHR9	3564924	CHR9:3564924	SSF x LoA	-7,63632084	0,133	0,307
CHR9	3569770	CHR9:3569770	SSF x LoA	-8,23011301	-0,117	0,309
CHR9	3569854	CHR9:3569854	SSF x LoA	-11,2868455	0,073	0,298
CHR9	3588212	CHR9:3588212	SSF x LoA	-5,2213158	0,174	0,287
CHR9	3588353	CHR9:3588353	SSF x LoA	-11,0154889	-0,051	0,303
CHR9	3588361	CHR9:3588361	SSF x LoA	-9,29094927	-0,028	0,302
CHR9	3589583	CHR9:3589583	SSF x LoA	-7,21934797	0,061	0,307
CHR9	3589796	CHR9:3589796	SSF x LoA	-10,7788865	-0,091	0,297
CHR9	3591536	CHR9:3591536	SSF x LoA	-6,03975684	0,177	0,310
CHR9	3591573	CHR9:3591573	SSF x LoA	-8,04647838	0,075	0,299
CHR9	3591602	CHR9:3591602	SSF x LoA	-9,30973115	0,066	0,315
CHR9	3594308	CHR9:3594308	SSF x LoA	-10,7783892	-0,038	0,320
CHR9	3594310	CHR9:3594310	SSF x LoA	-10,7831976	0,022	0,310
CHR9	3594314	CHR9:3594314	SSF x LoA	-11,4601332	-0,005	0,300
CHR9	3594316	CHR9:3594316	SSF x LoA	-10,1186758	0,003	0,312
CHR9	3594360	CHR9:3594360	SSF x LoA	-9,73407251	0,087	0,307
CHR9	3600497	CHR9:3600497	SSF x LoA	-2,21600623	0,101	0,306
CHR9	3605062	CHR9:3605062	SSF x LoA	-9,60525279	0,008	0,306
CHR9	3605068	CHR9:3605068	SSF x LoA	-10,6700141	-0,023	0,302
CHR9	3624432	CHR9:3624432	SSF x LoA	-9,51313811	0,007	0,310
CHR9	3624457	CHR9:3624457	SSF x LoA	-8,26565833	0,022	0,312
CHR9	3624467	CHR9:3624467	SSF x LoA	-8,63826156	0,032	0,309
CHR9	3624519	CHR9:3624519	SSF x LoA	-9,50065951	0,077	0,308
CHR9	3624560	CHR9:3624560	SSF x LoA	-7,95985871	-0,122	0,321
CHR9	3624581	CHR9:3624581	SSF x LoA	-9,59713179	-0,122	0,310
CHR9	3624642	CHR9:3624642	SSF x LoA	-8,79522922	0,080	0,305
CHR9	3624682	CHR9:3624682	SSF x LoA	-9,20032875	0,031	0,318
CHR9	3628655	CHR9:3628655	SSF x LoA	-9,91665506	0,074	0,297
CHR9	3628657	CHR9:3628657	SSF x LoA	-8,02606915	0,020	0,314
CHR9	3634948	CHR9:3634948	SSF x LoA	-10,8167737	-0,008	0,314
CHR9	3636039	CHR9:3636039	SSF x LoA	-11,2503117	0,085	0,295
CHR9	3637825	CHR9:3637825	SSF x LoA	-9,43127626	0,077	0,314
CHR9	3647872	CHR9:3647872	SSF x LoA	-9,82910993	-0,063	0,302
CHR9	3647886	CHR9:3647886	SSF x LoA	-10,2659279	-0,022	0,300
CHR9	3647902	CHR9:3647902	SSF x LoA	-10,0998774	0,076	0,309
CHR9	3651300	CHR9:3651300	SSF x LoA	-10,2567636	-0,039	0,307
CHR9	3653048	CHR9:3653048	SSF x LoA	-7,76459727	-0,023	0,311
CHR9	3653052	CHR9:3653052	SSF x LoA	-9,06111818	0,000	0,304
CHR9	3653059	CHR9:3653059	SSF x LoA	-8,76934153	-0,006	0,296

CHR9	3657885	CHR9:3657885	SSF x LoA	-10,9725092	0,033	0,307
CHR9	3657906	CHR9:3657906	SSF x LoA	-11,463451	0,076	0,307
CHR9	3657912	CHR9:3657912	SSF x LoA	-8,90023659	-0,089	0,301
CHR9	3657935	CHR9:3657935	SSF x LoA	-7,03794803	-0,027	0,292
CHR9	3657963	CHR9:3657963	SSF x LoA	-3,53538862	-0,017	0,298
CHR9	3657984	CHR9:3657984	SSF x LoA	-9,095792	0,134	0,301
CHR9	3681992	CHR9:3681992	SSF x LoA	-9,26868244	0,058	0,308
CHR9	3682217	CHR9:3682217	SSF x LoA	-7,39517151	-0,008	0,303
CHR9	3687723	CHR9:3687723	SSF x LoA	-10,2640147	0,053	0,302
CHR9	3687738	CHR9:3687738	SSF x LoA	-11,284672	0,086	0,295
CHR9	3688029	CHR9:3688029	SSF x LoA	-11,0884929	-0,076	0,308
CHR9	3688061	CHR9:3688061	SSF x LoA	-9,70825409	0,038	0,309
CHR9	3694360	CHR9:3694360	SSF x LoA	-10,2038766	0,063	0,307
CHR9	3694390	CHR9:3694390	SSF x LoA	-9,17350831	0,031	0,310
CHR9	3694415	CHR9:3694415	SSF x LoA	-11,6304174	-0,035	0,309
CHR9	3697875	CHR9:3697875	SSF x LoA	-10,6594209	-0,020	0,297
CHR9	3712458	CHR9:3712458	SSF x LoA	-9,35934823	-0,036	0,311
CHR9	3714468	CHR9:3714468	SSF x LoA	-7,14610577	0,082	0,293
CHR9	3722549	CHR9:3722549	SSF x LoA	-10,5701116	-0,066	0,299
CHR9	3722758	CHR9:3722758	SSF x LoA	-9,19738719	0,058	0,313
CHR9	3727680	CHR9:3727680	SSF x LoA	-12,5360142	-0,058	0,300
CHR9	3727718	CHR9:3727718	SSF x LoA	-7,85871623	0,134	0,296
CHR9	3736492	CHR9:3736492	SSF x LoA	-9,34054478	-0,024	0,302
CHR9	3736559	CHR9:3736559	SSF x LoA	-8,43034833	0,080	0,297
CHR9	3736560	CHR9:3736560	SSF x LoA	-9,48794656	0,050	0,294
CHR9	3736616	CHR9:3736616	SSF x LoA	-5,86725524	0,084	0,293
CHR9	3738548	CHR9:3738548	SSF x LoA	-6,35867242	-0,016	0,302
CHR9	3738578	CHR9:3738578	SSF x LoA	-11,24869	-0,042	0,295
CHR9	3738605	CHR9:3738605	SSF x LoA	-9,79817482	0,060	0,306
CHR9	3738674	CHR9:3738674	SSF x LoA	-10,0297742	-0,031	0,312
CHR9	3745347	CHR9:3745347	SSF x LoA	-10,023212	-0,058	0,295
CHR9	3749266	CHR9:3749266	SSF x LoA	-8,92630679	-0,149	0,300
CHR9	3752740	CHR9:3752740	SSF x LoA	-12,1523162	-0,011	0,303
CHR9	3758203	CHR9:3758203	SSF x LoA	-10,8143501	0,006	0,288
CHR9	3758205	CHR9:3758205	SSF x LoA	-9,79908916	-0,075	0,306
CHR9	3758225	CHR9:3758225	SSF x LoA	-9,20963394	0,022	0,307
CHR9	3758235	CHR9:3758235	SSF x LoA	-9,54204923	-0,068	0,319
CHR9	3758336	CHR9:3758336	SSF x LoA	-9,21069462	-0,029	0,294
CHR9	3758409	CHR9:3758409	SSF x LoA	-4,5920689	0,156	0,299
CHR9	3758414	CHR9:3758414	SSF x LoA	-10,4577155	-0,096	0,300
CHR9	3769407	CHR9:3769407	SSF x LoA	-5,05691035	0,184	0,287
CHR9	3769409	CHR9:3769409	SSF x LoA	-6,68447407	0,136	0,299
CHR9	3769629	CHR9:3769629	SSF x LoA	-9,62649844	0,090	0,296
CHR9	3769650	CHR9:3769650	SSF x LoA	-10,2811282	0,033	0,305
CHR9	3769684	CHR9:3769684	SSF x LoA	-8,78927682	0,073	0,309
CHR9	3769690	CHR9:3769690	SSF x LoA	-8,7022305	0,033	0,311
CHR9	3782506	CHR9:3782506	SSF x LoA	-9,1195076	0,005	0,304
CHR9	3782518	CHR9:3782518	SSF x LoA	-6,43119399	0,140	0,303
CHR9	3782532	CHR9:3782532	SSF x LoA	-8,25687295	-0,103	0,298
CHR9	3791415	CHR9:3791415	SSF x LoA	-9,29401339	-0,092	0,301
CHR9	3791457	CHR9:3791457	SSF x LoA	-11,1437336	0,074	0,306
CHR9	3794395	CHR9:3794395	SSF x LoA	-9,79511362	0,078	0,299
CHR9	3812598	CHR9:3812598	SSF x LoA	-9,06280464	-0,020	0,310

CHR9	3812608	CHR9:3812608	SSF x LoA	-11,2576239	0,048	0,307
CHR9	3812610	CHR9:3812610	SSF x LoA	-5,09426384	-0,112	0,306
CHR9	3812683	CHR9:3812683	SSF x LoA	-10,8604999	0,079	0,308
CHR9	3812717	CHR9:3812717	SSF x LoA	-7,78304034	-0,054	0,306
CHR9	3813300	CHR9:3813300	SSF x LoA	-10,9905855	-0,050	0,303
CHR9	3813322	CHR9:3813322	SSF x LoA	-12,2664563	-0,004	0,301
CHR9	3813356	CHR9:3813356	SSF x LoA	-9,0362156	-0,116	0,304
CHR9	3815090	CHR9:3815090	SSF x LoA	-8,63787861	0,001	0,298
CHR9	3818732	CHR9:3818732	SSF x LoA	-9,50751815	0,140	0,306
CHR9	3818800	CHR9:3818800	SSF x LoA	-9,94463313	-0,097	0,308
CHR9	3818823	CHR9:3818823	SSF x LoA	-11,2816236	-0,001	0,289
CHR9	3818854	CHR9:3818854	SSF x LoA	-11,1326168	0,031	0,301
CHR9	3819565	CHR9:3819565	SSF x LoA	-10,9690324	-0,024	0,305
CHR9	3819566	CHR9:3819566	SSF x LoA	-11,5387642	-0,017	0,311
CHR9	3819600	CHR9:3819600	SSF x LoA	-10,1474879	0,024	0,306
CHR9	3822468	CHR9:3822468	SSF x LoA	-9,60488306	-0,097	0,284
CHR9	3827119	CHR9:3827119	SSF x LoA	-11,5309083	0,010	0,310
CHR9	3831599	CHR9:3831599	SSF x LoA	-8,98608745	0,048	0,300
CHR9	3831651	CHR9:3831651	SSF x LoA	-9,5199848	-0,145	0,308
CHR9	3836127	CHR9:3836127	SSF x LoA	-10,3675886	-0,113	0,297
CHR9	3836293	CHR9:3836293	SSF x LoA	-8,47500675	-0,063	0,305
CHR9	3836330	CHR9:3836330	SSF x LoA	-9,97958903	-0,115	0,329
CHR9	3839954	CHR9:3839954	SSF x LoA	-9,72924032	0,129	0,305
CHR9	3839973	CHR9:3839973	SSF x LoA	-5,28890517	-0,076	0,310
CHR9	3839977	CHR9:3839977	SSF x LoA	-9,12685101	-0,036	0,295
CHR9	3839988	CHR9:3839988	SSF x LoA	-7,69814399	-0,050	0,301
CHR9	3839990	CHR9:3839990	SSF x LoA	-8,93085221	0,039	0,286
CHR9	3840066	CHR9:3840066	SSF x LoA	-10,361934	-0,071	0,314
CHR9	3842834	CHR9:3842834	SSF x LoA	-4,32743785	-0,033	0,306
CHR9	3842866	CHR9:3842866	SSF x LoA	-8,95390791	0,073	0,317
CHR9	3851940	CHR9:3851940	SSF x LoA	-8,25579551	0,092	0,314
CHR9	3851975	CHR9:3851975	SSF x LoA	-10,3294076	0,051	0,293
CHR9	3851983	CHR9:3851983	SSF x LoA	-6,62569471	-0,194	0,293
CHR9	3851993	CHR9:3851993	SSF x LoA	-7,75855367	-0,178	0,300
CHR9	3852012	CHR9:3852012	SSF x LoA	-9,86608911	-0,092	0,305
CHR9	3852036	CHR9:3852036	SSF x LoA	-6,27173443	-0,209	0,301
CHR9	3852083	CHR9:3852083	SSF x LoA	-9,17310635	0,044	0,314
CHR9	3855527	CHR9:3855527	SSF x LoA	-10,8940351	-0,019	0,303
CHR9	3855545	CHR9:3855545	SSF x LoA	-8,81220803	-0,083	0,307
CHR9	3855563	CHR9:3855563	SSF x LoA	-10,1663653	0,015	0,315
CHR9	3855639	CHR9:3855639	SSF x LoA	-9,10058081	0,135	0,296
CHR9	3855644	CHR9:3855644	SSF x LoA	-9,84043379	-0,026	0,309
CHR9	385573	CHR9:385573	SSF x LoA	-8,67412805	0,136	0,297
CHR9	385576	CHR9:385576	SSF x LoA	-10,0928756	-0,062	0,309
CHR9	385595	CHR9:385595	SSF x LoA	-8,6599579	-0,072	0,306
CHR9	385616	CHR9:385616	SSF x LoA	-10,7025887	0,089	0,289
CHR9	385698	CHR9:385698	SSF x LoA	-8,18984821	-0,048	0,296
CHR9	385792	CHR9:385792	SSF x LoA	-7,25465653	0,090	0,312
CHR9	3861210	CHR9:3861210	SSF x LoA	-9,77582156	-0,055	0,308
CHR9	3867869	CHR9:3867869	SSF x LoA	-8,32047793	0,093	0,327
CHR9	3869587	CHR9:3869587	SSF x LoA	-8,88249975	-0,054	0,296
CHR9	3869588	CHR9:3869588	SSF x LoA	-9,77002031	-0,004	0,293
CHR9	3869603	CHR9:3869603	SSF x LoA	-12,1119962	0,075	0,298

CHR9	3869636	CHR9:3869636	SSF x LoA	-7,92420493	-0,024	0,303
CHR9	3869637	CHR9:3869637	SSF x LoA	-8,64579394	-0,010	0,306
CHR9	3869698	CHR9:3869698	SSF x LoA	-8,39623121	0,069	0,301
CHR9	3873176	CHR9:3873176	SSF x LoA	-8,91049518	0,021	0,298
CHR9	3873270	CHR9:3873270	SSF x LoA	-10,8564492	0,000	0,302
CHR9	3873275	CHR9:3873275	SSF x LoA	-9,01395003	-0,068	0,296
CHR9	3873347	CHR9:3873347	SSF x LoA	-9,05177476	-0,015	0,296
CHR9	3873348	CHR9:3873348	SSF x LoA	-7,92025081	-0,014	0,307
CHR9	3873367	CHR9:3873367	SSF x LoA	-9,11112964	0,015	0,312
CHR9	3873372	CHR9:3873372	SSF x LoA	-9,22636159	-0,027	0,308
CHR9	3889003	CHR9:3889003	SSF x LoA	-7,15607308	0,157	0,304
CHR9	3889010	CHR9:3889010	SSF x LoA	-3,7038663	0,134	0,299
CHR9	3889031	CHR9:3889031	SSF x LoA	-10,9404269	-0,073	0,310
CHR9	3889110	CHR9:3889110	SSF x LoA	-7,79574376	-0,129	0,295
CHR9	3889202	CHR9:3889202	SSF x LoA	-8,13236625	0,034	0,317
CHR9	3893255	CHR9:3893255	SSF x LoA	-8,985651	0,006	0,296
CHR9	3893363	CHR9:3893363	SSF x LoA	-9,6591336	-0,055	0,306
CHR9	3901915	CHR9:3901915	SSF x LoA	-11,866953	-0,007	0,299
CHR9	3902184	CHR9:3902184	SSF x LoA	-9,31649342	-0,045	0,308
CHR9	3902220	CHR9:3902220	SSF x LoA	-9,47826995	0,124	0,316
CHR9	3915597	CHR9:3915597	SSF x LoA	-9,59792174	-0,038	0,274
CHR9	3915600	CHR9:3915600	SSF x LoA	-9,96279603	-0,009	0,275
CHR9	3915626	CHR9:3915626	SSF x LoA	-12,0007288	0,052	0,282
CHR9	3916335	CHR9:3916335	SSF x LoA	-9,00373919	-0,123	0,307
CHR9	3916340	CHR9:3916340	SSF x LoA	-9,26321097	0,070	0,297
CHR9	3918176	CHR9:3918176	SSF x LoA	-10,7084428	-0,014	0,297
CHR9	3918189	CHR9:3918189	SSF x LoA	-9,80024011	0,044	0,315
CHR9	3918314	CHR9:3918314	SSF x LoA	-7,91169848	0,023	0,318
CHR9	3925419	CHR9:3925419	SSF x LoA	-10,8952601	0,003	0,298
CHR9	3925434	CHR9:3925434	SSF x LoA	-10,3504578	-0,058	0,310
CHR9	3928185	CHR9:3928185	SSF x LoA	-8,03534613	0,114	0,292
CHR9	3928210	CHR9:3928210	SSF x LoA	-10,6536385	-0,074	0,314
CHR9	3928212	CHR9:3928212	SSF x LoA	-8,45698524	-0,024	0,304
CHR9	3928254	CHR9:3928254	SSF x LoA	-12,4018761	-0,085	0,284
CHR9	3930898	CHR9:3930898	SSF x LoA	-11,2337035	0,019	0,312
CHR9	3930971	CHR9:3930971	SSF x LoA	-5,3645604	-0,025	0,302
CHR9	3939547	CHR9:3939547	SSF x LoA	-9,67666288	-0,088	0,302
CHR9	3947747	CHR9:3947747	SSF x LoA	-10,2958616	0,040	0,307
CHR9	3954144	CHR9:3954144	SSF x LoA	-8,10667712	0,083	0,299
CHR9	3954151	CHR9:3954151	SSF x LoA	-6,09652052	0,082	0,277
CHR9	3954166	CHR9:3954166	SSF x LoA	-8,60508109	0,138	0,303
CHR9	3954207	CHR9:3954207	SSF x LoA	-10,4003645	0,022	0,318
CHR9	3958029	CHR9:3958029	SSF x LoA	-9,85782783	0,016	0,306
CHR9	3958154	CHR9:3958154	SSF x LoA	-9,46020114	-0,024	0,304
CHR9	3958170	CHR9:3958170	SSF x LoA	-8,38145983	-0,027	0,309
CHR9	3958239	CHR9:3958239	SSF x LoA	-8,88476983	0,036	0,315
CHR9	3964550	CHR9:3964550	SSF x LoA	-8,08227499	-0,157	0,316
CHR9	3964637	CHR9:3964637	SSF x LoA	-9,49994009	-0,107	0,313
CHR9	3964712	CHR9:3964712	SSF x LoA	-8,37121107	0,158	0,293
CHR9	3964802	CHR9:3964802	SSF x LoA	-9,49639849	0,054	0,312
CHR9	3964835	CHR9:3964835	SSF x LoA	-7,61065958	-0,093	0,314
CHR9	3968172	CHR9:3968172	SSF x LoA	-8,11244354	-0,070	0,293
CHR9	3968222	CHR9:3968222	SSF x LoA	-8,02448984	0,048	0,295

CHR9	3968237	CHR9:3968237	SSF x LoA	-2,49001659	0,073	0,314
CHR9	3968257	CHR9:3968257	SSF x LoA	-9,26967451	-0,002	0,299
CHR9	3968345	CHR9:3968345	SSF x LoA	-7,56302603	-0,051	0,304
CHR9	3968359	CHR9:3968359	SSF x LoA	-9,99644949	-0,003	0,307
CHR9	3968363	CHR9:3968363	SSF x LoA	-8,69694178	-0,009	0,308
CHR9	3968381	CHR9:3968381	SSF x LoA	-6,72004467	0,094	0,322
CHR9	3968401	CHR9:3968401	SSF x LoA	-9,05541081	0,132	0,298
CHR9	397016	CHR9:397016	SSF x LoA	-10,4234419	-0,115	0,302
CHR9	397151	CHR9:397151	SSF x LoA	-5,13250789	0,099	0,299
CHR9	3972774	CHR9:3972774	SSF x LoA	-9,94395333	-0,055	0,294
CHR9	3972791	CHR9:3972791	SSF x LoA	-8,20078152	-0,030	0,302
CHR9	3972861	CHR9:3972861	SSF x LoA	-10,1705266	-0,055	0,317
CHR9	3972862	CHR9:3972862	SSF x LoA	-3,9609073	-0,048	0,300
CHR9	3982673	CHR9:3982673	SSF x LoA	-8,53411474	-0,085	0,315
CHR9	3982693	CHR9:3982693	SSF x LoA	-7,12800209	-0,017	0,303
CHR9	3982699	CHR9:3982699	SSF x LoA	-9,70722051	0,069	0,306
CHR9	3982701	CHR9:3982701	SSF x LoA	-9,42841729	-0,006	0,298
CHR9	3982712	CHR9:3982712	SSF x LoA	-9,42743437	-0,018	0,307
CHR9	3982716	CHR9:3982716	SSF x LoA	-9,33907995	0,067	0,309
CHR9	3982727	CHR9:3982727	SSF x LoA	-9,52434933	0,088	0,313
CHR9	3984854	CHR9:3984854	SSF x LoA	-10,2860439	-0,050	0,311
CHR9	3984855	CHR9:3984855	SSF x LoA	-9,23001686	0,001	0,304
CHR9	3987324	CHR9:3987324	SSF x LoA	-9,55703322	0,008	0,304
CHR9	3991018	CHR9:3991018	SSF x LoA	-9,35696025	-0,070	0,310
CHR9	3991102	CHR9:3991102	SSF x LoA	-11,1295507	0,028	0,304
CHR9	3999064	CHR9:3999064	SSF x LoA	-9,08131571	-0,155	0,295
CHR9	3999065	CHR9:3999065	SSF x LoA	-0,09364394	-0,223	0,283
CHR9	4003276	CHR9:4003276	SSF x LoA	-11,0480454	0,014	0,304
CHR9	4003306	CHR9:4003306	SSF x LoA	-11,867152	-0,050	0,312
CHR9	4003327	CHR9:4003327	SSF x LoA	-10,4569284	-0,017	0,312
CHR9	4003526	CHR9:4003526	SSF x LoA	-7,20883759	0,018	0,311
CHR9	4017451	CHR9:4017451	SSF x LoA	-10,1262812	0,046	0,314
CHR9	4017503	CHR9:4017503	SSF x LoA	-9,53161147	-0,024	0,312
CHR9	4017569	CHR9:4017569	SSF x LoA	-10,9880709	-0,019	0,315
CHR9	4017613	CHR9:4017613	SSF x LoA	-10,9232855	-0,037	0,310
CHR9	4017725	CHR9:4017725	SSF x LoA	-10,5807285	0,037	0,306
CHR9	4017731	CHR9:4017731	SSF x LoA	-7,38177154	0,120	0,299
CHR9	4017804	CHR9:4017804	SSF x LoA	-9,85192059	-0,014	0,314
CHR9	4022398	CHR9:4022398	SSF x LoA	-8,63696237	-0,040	0,305
CHR9	4028566	CHR9:4028566	SSF x LoA	-11,4839403	0,015	0,311
CHR9	4028677	CHR9:4028677	SSF x LoA	-10,0948044	-0,039	0,323
CHR9	402871	CHR9:402871	SSF x LoA	-8,96976153	-0,134	0,305
CHR9	403043	CHR9:403043	SSF x LoA	-8,54751418	-0,045	0,302
CHR9	4046159	CHR9:4046159	SSF x LoA	-7,85694653	-0,110	0,307
CHR9	4046201	CHR9:4046201	SSF x LoA	-8,88469901	-0,074	0,315
CHR9	405026	CHR9:405026	SSF x LoA	-7,79266876	0,186	0,291
CHR9	405044	CHR9:405044	SSF x LoA	-9,18523515	-0,008	0,302
CHR9	4053474	CHR9:4053474	SSF x LoA	-10,8998481	-0,093	0,310
CHR9	40616	CHR9:40616	SSF x LoA	-9,14790912	0,026	0,305
CHR9	4062424	CHR9:4062424	SSF x LoA	-3,5319035	0,056	0,312
CHR9	4062425	CHR9:4062425	SSF x LoA	-10,366067	0,083	0,307
CHR9	4062434	CHR9:4062434	SSF x LoA	-10,1055476	-0,026	0,324
CHR9	406266	CHR9:406266	SSF x LoA	-5,19985357	-0,077	0,309

CHR9	406267	CHR9:406267	SSF x LoA	-9,52395387	-0,074	0,297
CHR9	4069660	CHR9:4069660	SSF x LoA	-6,92803107	-0,144	0,306
CHR9	4069661	CHR9:4069661	SSF x LoA	-9,35414151	-0,010	0,307
CHR9	4069675	CHR9:4069675	SSF x LoA	-10,8206849	0,032	0,311
CHR9	4069683	CHR9:4069683	SSF x LoA	-9,19823199	0,049	0,312
CHR9	4069700	CHR9:4069700	SSF x LoA	-7,02111088	0,056	0,305
CHR9	4069723	CHR9:4069723	SSF x LoA	-9,30435053	-0,040	0,307
CHR9	4073032	CHR9:4073032	SSF x LoA	-9,30869406	0,140	0,298
CHR9	4076140	CHR9:4076140	SSF x LoA	-9,80693982	-0,063	0,308
CHR9	4081523	CHR9:4081523	SSF x LoA	-4,28137705	0,169	0,316
CHR9	4081550	CHR9:4081550	SSF x LoA	-9,32624413	-0,066	0,304
CHR9	4081617	CHR9:4081617	SSF x LoA	-10,1111789	0,075	0,296
CHR9	4081622	CHR9:4081622	SSF x LoA	-6,99549973	0,067	0,315
CHR9	408186	CHR9:408186	SSF x LoA	-9,66142071	-0,101	0,317
CHR9	408270	CHR9:408270	SSF x LoA	-7,930987	0,036	0,318
CHR9	40848	CHR9:40848	SSF x LoA	-8,70473452	0,007	0,312
CHR9	4089428	CHR9:4089428	SSF x LoA	-4,26234531	-0,063	0,300
CHR9	4089468	CHR9:4089468	SSF x LoA	-7,24582099	-0,125	0,290
CHR9	4089474	CHR9:4089474	SSF x LoA	-11,1750683	-0,055	0,310
CHR9	4089479	CHR9:4089479	SSF x LoA	-7,95711796	-0,086	0,313
CHR9	409960	CHR9:409960	SSF x LoA	-9,5533688	0,004	0,307
CHR9	4108131	CHR9:4108131	SSF x LoA	-10,4040572	0,054	0,307
CHR9	4108321	CHR9:4108321	SSF x LoA	-8,84770921	0,056	0,312
CHR9	4113123	CHR9:4113123	SSF x LoA	-8,35697977	-0,046	0,295
CHR9	4113264	CHR9:4113264	SSF x LoA	-12,5077511	0,019	0,309
CHR9	4113309	CHR9:4113309	SSF x LoA	-6,17938726	-0,143	0,289
CHR9	4120220	CHR9:4120220	SSF x LoA	-10,6981121	0,092	0,310
CHR9	4120224	CHR9:4120224	SSF x LoA	-11,5841575	-0,006	0,302
CHR9	4120248	CHR9:4120248	SSF x LoA	-10,2384627	-0,053	0,305
CHR9	4120268	CHR9:4120268	SSF x LoA	-11,0024958	0,033	0,325
CHR9	4120281	CHR9:4120281	SSF x LoA	-6,51920871	0,051	0,317
CHR9	4129865	CHR9:4129865	SSF x LoA	-9,7862551	0,095	0,303
CHR9	4129867	CHR9:4129867	SSF x LoA	-7,76000828	-0,039	0,307
CHR9	4130420	CHR9:4130420	SSF x LoA	-8,99251026	-0,116	0,304
CHR9	4130471	CHR9:4130471	SSF x LoA	-9,8473095	-0,013	0,319
CHR9	4130485	CHR9:4130485	SSF x LoA	-10,8487139	0,072	0,306
CHR9	4130486	CHR9:4130486	SSF x LoA	-9,5013428	0,031	0,316
CHR9	4130497	CHR9:4130497	SSF x LoA	-11,0946462	-0,067	0,309
CHR9	413053	CHR9:413053	SSF x LoA	-10,2323493	0,007	0,314
CHR9	4130536	CHR9:4130536	SSF x LoA	-8,3942227	0,083	0,305
CHR9	413171	CHR9:413171	SSF x LoA	-10,6825492	-0,002	0,317
CHR9	4155314	CHR9:4155314	SSF x LoA	-11,6165631	0,034	0,318
CHR9	4155323	CHR9:4155323	SSF x LoA	-11,5580047	0,032	0,305
CHR9	4155391	CHR9:4155391	SSF x LoA	-11,4069003	0,069	0,320
CHR9	4156354	CHR9:4156354	SSF x LoA	-5,29088312	-0,163	0,294
CHR9	4156545	CHR9:4156545	SSF x LoA	-9,30576409	0,047	0,315
CHR9	4162369	CHR9:4162369	SSF x LoA	-6,36695286	0,158	0,273
CHR9	417214	CHR9:417214	SSF x LoA	-8,05876729	0,042	0,307
CHR9	4182226	CHR9:4182226	SSF x LoA	-7,27651956	-0,040	0,298
CHR9	4183477	CHR9:4183477	SSF x LoA	-8,42121435	0,123	0,297
CHR9	4183478	CHR9:4183478	SSF x LoA	-9,25261993	-0,098	0,313
CHR9	4183481	CHR9:4183481	SSF x LoA	-11,0178804	-0,035	0,319
CHR9	4189554	CHR9:4189554	SSF x LoA	-8,11547561	-0,023	0,316

CHR9	4189564	CHR9:4189564	SSF x LoA	-10,8772989	0,006	0,319
CHR9	4189869	CHR9:4189869	SSF x LoA	-11,4206067	-0,026	0,307
CHR9	4195853	CHR9:4195853	SSF x LoA	-11,2215743	-0,051	0,306
CHR9	4200463	CHR9:4200463	SSF x LoA	-10,9672265	0,037	0,311
CHR9	4203268	CHR9:4203268	SSF x LoA	-10,8449397	0,083	0,291
CHR9	420568	CHR9:420568	SSF x LoA	-6,52948147	0,004	0,309
CHR9	420577	CHR9:420577	SSF x LoA	-11,1186036	0,014	0,316
CHR9	420596	CHR9:420596	SSF x LoA	-11,2639147	0,033	0,305
CHR9	420734	CHR9:420734	SSF x LoA	-8,69395105	-0,078	0,306
CHR9	4207534	CHR9:4207534	SSF x LoA	-4,88734758	-0,057	0,293
CHR9	4207565	CHR9:4207565	SSF x LoA	-10,0627316	-0,008	0,300
CHR9	4224148	CHR9:4224148	SSF x LoA	-8,27411617	-0,104	0,327
CHR9	424040	CHR9:424040	SSF x LoA	-4,37459361	0,135	0,308
CHR9	424119	CHR9:424119	SSF x LoA	-6,61739084	0,056	0,305
CHR9	4247359	CHR9:4247359	SSF x LoA	-7,48237531	-0,070	0,318
CHR9	4247499	CHR9:4247499	SSF x LoA	-10,4630497	0,030	0,309
CHR9	4247570	CHR9:4247570	SSF x LoA	-10,0144726	-0,048	0,297
CHR9	4254261	CHR9:4254261	SSF x LoA	-10,1506738	-0,025	0,314
CHR9	4254299	CHR9:4254299	SSF x LoA	-9,02993401	-0,021	0,297
CHR9	4254301	CHR9:4254301	SSF x LoA	-9,14962694	-0,026	0,309
CHR9	4254317	CHR9:4254317	SSF x LoA	-11,0743774	-0,029	0,317
CHR9	4254338	CHR9:4254338	SSF x LoA	-7,56921863	-0,034	0,306
CHR9	4255507	CHR9:4255507	SSF x LoA	-9,01842401	0,048	0,313
CHR9	4255566	CHR9:4255566	SSF x LoA	-8,92718887	0,033	0,309
CHR9	4255593	CHR9:4255593	SSF x LoA	-9,002797	-0,017	0,302
CHR9	4256752	CHR9:4256752	SSF x LoA	-7,84182643	0,075	0,308
CHR9	4256911	CHR9:4256911	SSF x LoA	-10,4844335	0,007	0,317
CHR9	4259905	CHR9:4259905	SSF x LoA	-5,17823875	-0,214	0,296
CHR9	4260118	CHR9:4260118	SSF x LoA	-8,6857698	0,097	0,305
CHR9	4267373	CHR9:4267373	SSF x LoA	-10,3960906	-0,017	0,326
CHR9	4267459	CHR9:4267459	SSF x LoA	-8,29687754	-0,067	0,303
CHR9	4267464	CHR9:4267464	SSF x LoA	-11,0747556	-0,051	0,302
CHR9	4267469	CHR9:4267469	SSF x LoA	-10,0332696	-0,080	0,315
CHR9	4267477	CHR9:4267477	SSF x LoA	-10,5516611	0,008	0,301
CHR9	4268960	CHR9:4268960	SSF x LoA	-8,01102438	-0,108	0,309
CHR9	4273505	CHR9:4273505	SSF x LoA	-0,00973329	0,042	0,310
CHR9	4275405	CHR9:4275405	SSF x LoA	-8,09081326	-0,069	0,314
CHR9	4276902	CHR9:4276902	SSF x LoA	-7,79463182	-0,037	0,305
CHR9	4277582	CHR9:4277582	SSF x LoA	-11,0258181	0,035	0,314
CHR9	4277609	CHR9:4277609	SSF x LoA	-8,44075372	0,100	0,301
CHR9	4277636	CHR9:4277636	SSF x LoA	-10,8027994	0,054	0,303
CHR9	4280038	CHR9:4280038	SSF x LoA	-11,5139407	0,000	0,310
CHR9	4289055	CHR9:4289055	SSF x LoA	-9,05371988	0,048	0,311
CHR9	4290540	CHR9:4290540	SSF x LoA	-10,6619067	0,053	0,310
CHR9	4290612	CHR9:4290612	SSF x LoA	-9,00869091	0,022	0,301
CHR9	4290652	CHR9:4290652	SSF x LoA	-8,8425914	-0,038	0,317
CHR9	4291560	CHR9:4291560	SSF x LoA	-3,58470711	-0,063	0,299
CHR9	4291607	CHR9:4291607	SSF x LoA	-10,5983409	-0,012	0,311
CHR9	4296575	CHR9:4296575	SSF x LoA	-9,37573183	0,019	0,315
CHR9	4298604	CHR9:4298604	SSF x LoA	-9,27779951	-0,027	0,309
CHR9	4300813	CHR9:4300813	SSF x LoA	-9,88658619	-0,035	0,315
CHR9	4300890	CHR9:4300890	SSF x LoA	-11,6710557	0,022	0,299
CHR9	4300935	CHR9:4300935	SSF x LoA	-8,46580336	0,010	0,312

CHR9	4301827	CHR9:4301827	SSF x LoA	-12,4326647	0,018	0,292
CHR9	4303576	CHR9:4303576	SSF x LoA	-8,67639727	0,076	0,305
CHR9	4306752	CHR9:4306752	SSF x LoA	-7,68763554	-0,118	0,300
CHR9	4309115	CHR9:4309115	SSF x LoA	-10,8630939	0,000	0,311
CHR9	4309210	CHR9:4309210	SSF x LoA	-8,12366211	-0,118	0,309
CHR9	4309281	CHR9:4309281	SSF x LoA	-6,94675757	0,075	0,306
CHR9	4309298	CHR9:4309298	SSF x LoA	-9,05755222	0,000	0,301
CHR9	4312004	CHR9:4312004	SSF x LoA	-9,54274795	-0,109	0,311
CHR9	4312527	CHR9:4312527	SSF x LoA	-7,2063471	-0,102	0,314
CHR9	4312533	CHR9:4312533	SSF x LoA	-8,20325309	0,040	0,318
CHR9	4312539	CHR9:4312539	SSF x LoA	-5,9387805	0,218	0,307
CHR9	4312634	CHR9:4312634	SSF x LoA	-8,39514201	-0,145	0,297
CHR9	4315946	CHR9:4315946	SSF x LoA	-10,5183046	0,031	0,310
CHR9	4319663	CHR9:4319663	SSF x LoA	-9,39497571	-0,046	0,300
CHR9	4322052	CHR9:4322052	SSF x LoA	-6,83096274	-0,060	0,299
CHR9	4323086	CHR9:4323086	SSF x LoA	-9,48585057	-0,075	0,297
CHR9	4328669	CHR9:4328669	SSF x LoA	-6,77522167	-0,035	0,308
CHR9	4328670	CHR9:4328670	SSF x LoA	-8,92816953	-0,041	0,306
CHR9	4328671	CHR9:4328671	SSF x LoA	-9,52738257	-0,067	0,312
CHR9	4328672	CHR9:4328672	SSF x LoA	-9,63214925	-0,031	0,316
CHR9	4328674	CHR9:4328674	SSF x LoA	-6,36552177	-0,027	0,329
CHR9	4328716	CHR9:4328716	SSF x LoA	-10,7410544	-0,025	0,312
CHR9	4328815	CHR9:4328815	SSF x LoA	-7,60429955	-0,029	0,313
CHR9	4328821	CHR9:4328821	SSF x LoA	-8,91424626	-0,031	0,304
CHR9	4329580	CHR9:4329580	SSF x LoA	-10,2557944	0,134	0,288
CHR9	4329780	CHR9:4329780	SSF x LoA	-10,7284752	0,033	0,315
CHR9	4330385	CHR9:4330385	SSF x LoA	-11,0620857	0,054	0,297
CHR9	4334189	CHR9:4334189	SSF x LoA	-9,57550369	0,038	0,304
CHR9	4334265	CHR9:4334265	SSF x LoA	-12,0740375	-0,047	0,309
CHR9	4334277	CHR9:4334277	SSF x LoA	-8,06781147	0,022	0,305
CHR9	4334282	CHR9:4334282	SSF x LoA	-10,9729094	0,028	0,313
CHR9	4335706	CHR9:4335706	SSF x LoA	-10,7521893	0,126	0,306
CHR9	4335793	CHR9:4335793	SSF x LoA	-9,80696679	0,148	0,307
CHR9	4336753	CHR9:4336753	SSF x LoA	-8,99103805	-0,009	0,307
CHR9	4337940	CHR9:4337940	SSF x LoA	-9,37357665	0,023	0,306
CHR9	4337961	CHR9:4337961	SSF x LoA	-10,2297666	-0,025	0,303
CHR9	4338071	CHR9:4338071	SSF x LoA	-8,10927425	-0,017	0,305
CHR9	4338073	CHR9:4338073	SSF x LoA	-6,13988355	-0,057	0,315
CHR9	4338094	CHR9:4338094	SSF x LoA	-5,83831589	-0,040	0,307
CHR9	4338098	CHR9:4338098	SSF x LoA	-9,43506418	-0,042	0,293
CHR9	4338103	CHR9:4338103	SSF x LoA	-9,44848161	-0,018	0,297
CHR9	4339465	CHR9:4339465	SSF x LoA	-5,12454608	-0,168	0,292
CHR9	4340125	CHR9:4340125	SSF x LoA	-9,88540543	-0,072	0,311
CHR9	4342493	CHR9:4342493	SSF x LoA	-8,043899	0,030	0,313
CHR9	4344154	CHR9:4344154	SSF x LoA	-8,93594373	-0,094	0,306
CHR9	4346943	CHR9:4346943	SSF x LoA	-3,14608466	-0,094	0,310
CHR9	4347019	CHR9:4347019	SSF x LoA	-9,64236154	-0,077	0,310
CHR9	4347141	CHR9:4347141	SSF x LoA	-9,33462506	-0,072	0,301
CHR9	4351803	CHR9:4351803	SSF x LoA	-6,05429371	-0,050	0,321
CHR9	4351978	CHR9:4351978	SSF x LoA	-9,38638343	0,037	0,308
CHR9	4360054	CHR9:4360054	SSF x LoA	-10,00086	0,041	0,315
CHR9	4360055	CHR9:4360055	SSF x LoA	-8,77456997	0,034	0,312
CHR9	4360133	CHR9:4360133	SSF x LoA	-9,11079408	0,074	0,310

CHR9	4362056	CHR9:4362056	SSF x LoA	-7,76200716	0,096	0,306
CHR9	4362265	CHR9:4362265	SSF x LoA	-8,54552394	-0,067	0,299
CHR9	4367119	CHR9:4367119	SSF x LoA	-11,2341223	-0,024	0,303
CHR9	4367354	CHR9:4367354	SSF x LoA	-9,26089679	-0,006	0,312
CHR9	4367371	CHR9:4367371	SSF x LoA	-9,27375276	0,020	0,305
CHR9	4370859	CHR9:4370859	SSF x LoA	-8,64332751	-0,079	0,305
CHR9	4399915	CHR9:4399915	SSF x LoA	-7,19249126	-0,127	0,300
CHR9	4406532	CHR9:4406532	SSF x LoA	-8,22355835	-0,112	0,293
CHR9	4416187	CHR9:4416187	SSF x LoA	-9,69951254	0,025	0,309
CHR9	4416343	CHR9:4416343	SSF x LoA	-2,78302326	0,175	0,301
CHR9	4425166	CHR9:4425166	SSF x LoA	-11,9504614	-0,048	0,309
CHR9	4425183	CHR9:4425183	SSF x LoA	-7,28735824	-0,129	0,300
CHR9	4425192	CHR9:4425192	SSF x LoA	-8,54339835	-0,155	0,305
CHR9	4425242	CHR9:4425242	SSF x LoA	-7,36571534	0,035	0,307
CHR9	4425286	CHR9:4425286	SSF x LoA	-9,49862608	-0,001	0,298
CHR9	4426677	CHR9:4426677	SSF x LoA	-9,52829329	0,020	0,300
CHR9	4426683	CHR9:4426683	SSF x LoA	-6,81307457	0,049	0,320
CHR9	4435777	CHR9:4435777	SSF x LoA	-7,61382598	0,098	0,304
CHR9	4435798	CHR9:4435798	SSF x LoA	-11,7443305	-0,112	0,293
CHR9	4435837	CHR9:4435837	SSF x LoA	-10,9354202	0,031	0,306
CHR9	4435845	CHR9:4435845	SSF x LoA	-10,3991401	0,043	0,308
CHR9	4435884	CHR9:4435884	SSF x LoA	-10,742135	-0,027	0,326
CHR9	4435886	CHR9:4435886	SSF x LoA	-8,94420913	-0,106	0,313
CHR9	4435901	CHR9:4435901	SSF x LoA	-8,68430639	0,025	0,307
CHR9	4435912	CHR9:4435912	SSF x LoA	-9,66502451	0,007	0,309
CHR9	4436971	CHR9:4436971	SSF x LoA	-4,03345504	-0,036	0,309
CHR9	4443645	CHR9:4443645	SSF x LoA	-7,39591447	0,131	0,302
CHR9	4444913	CHR9:4444913	SSF x LoA	-8,82444878	-0,094	0,306
CHR9	4444964	CHR9:4444964	SSF x LoA	-10,1144691	0,108	0,288
CHR9	4445017	CHR9:4445017	SSF x LoA	-10,0869926	0,027	0,308
CHR9	4445045	CHR9:4445045	SSF x LoA	-9,62095105	0,017	0,315
CHR9	4446776	CHR9:4446776	SSF x LoA	-11,3500336	-0,019	0,316
CHR9	4446778	CHR9:4446778	SSF x LoA	-10,1451828	0,028	0,299
CHR9	4446839	CHR9:4446839	SSF x LoA	-9,42976961	-0,020	0,304
CHR9	4461002	CHR9:4461002	SSF x LoA	-8,27966603	0,106	0,305
CHR9	4461035	CHR9:4461035	SSF x LoA	-10,7249575	0,066	0,304
CHR9	4461065	CHR9:4461065	SSF x LoA	-8,86074798	0,026	0,311
CHR9	4461091	CHR9:4461091	SSF x LoA	-10,1436773	-0,133	0,296
CHR9	4475038	CHR9:4475038	SSF x LoA	-4,42093073	-0,046	0,308
CHR9	4478188	CHR9:4478188	SSF x LoA	-8,61835305	0,086	0,301
CHR9	4478195	CHR9:4478195	SSF x LoA	-6,43435522	0,069	0,304
CHR9	4478225	CHR9:4478225	SSF x LoA	-9,74404611	-0,050	0,298
CHR9	4478234	CHR9:4478234	SSF x LoA	-8,51307249	0,045	0,321
CHR9	4478295	CHR9:4478295	SSF x LoA	-5,72286423	-0,206	0,278
CHR9	448205	CHR9:448205	SSF x LoA	-4,36343243	0,130	0,307
CHR9	4485309	CHR9:4485309	SSF x LoA	-10,794946	0,089	0,297
CHR9	4485443	CHR9:4485443	SSF x LoA	-11,0601817	0,026	0,312
CHR9	4485483	CHR9:4485483	SSF x LoA	-10,2195098	-0,037	0,303
CHR9	4491372	CHR9:4491372	SSF x LoA	-9,02802487	-0,150	0,305
CHR9	4491424	CHR9:4491424	SSF x LoA	-10,3338147	0,008	0,310
CHR9	4491454	CHR9:4491454	SSF x LoA	-11,4228439	0,042	0,301
CHR9	4504340	CHR9:4504340	SSF x LoA	-9,87752091	0,029	0,316
CHR9	4504490	CHR9:4504490	SSF x LoA	-7,93467239	0,001	0,315

CHR9	4504517	CHR9:4504517	SSF x LoA	-9,71511149	-0,010	0,307
CHR9	451432	CHR9:451432	SSF x LoA	-10,9465946	-0,102	0,303
CHR9	4536654	CHR9:4536654	SSF x LoA	-7,01187143	-0,120	0,299
CHR9	4536676	CHR9:4536676	SSF x LoA	-7,63481236	-0,058	0,303
CHR9	4536685	CHR9:4536685	SSF x LoA	-10,8497002	-0,054	0,300
CHR9	4536689	CHR9:4536689	SSF x LoA	-10,2973994	0,048	0,304
CHR9	4536909	CHR9:4536909	SSF x LoA	-11,2908299	-0,008	0,311
CHR9	4557918	CHR9:4557918	SSF x LoA	-11,1689133	0,072	0,315
CHR9	4581873	CHR9:4581873	SSF x LoA	-10,1579309	-0,084	0,305
CHR9	4581930	CHR9:4581930	SSF x LoA	-7,78977471	-0,080	0,303
CHR9	4587632	CHR9:4587632	SSF x LoA	-9,075632	-0,046	0,315
CHR9	4587702	CHR9:4587702	SSF x LoA	-6,43594174	0,049	0,310
CHR9	4587775	CHR9:4587775	SSF x LoA	-7,38526033	0,006	0,309
CHR9	4587796	CHR9:4587796	SSF x LoA	-8,75300384	-0,021	0,314
CHR9	459303	CHR9:459303	SSF x LoA	-6,1809203	0,017	0,318
CHR9	459482	CHR9:459482	SSF x LoA	-10,53289	-0,081	0,306
CHR9	4598106	CHR9:4598106	SSF x LoA	-6,92341713	-0,197	0,291
CHR9	4598136	CHR9:4598136	SSF x LoA	-11,2112227	-0,010	0,306
CHR9	4598189	CHR9:4598189	SSF x LoA	-10,1981342	0,020	0,302
CHR9	4598300	CHR9:4598300	SSF x LoA	-4,49474318	0,074	0,291
CHR9	4598352	CHR9:4598352	SSF x LoA	-11,2443062	0,006	0,309
CHR9	4605478	CHR9:4605478	SSF x LoA	-6,28571834	-0,022	0,309
CHR9	4607225	CHR9:4607225	SSF x LoA	-9,5638511	0,084	0,305
CHR9	4607326	CHR9:4607326	SSF x LoA	-10,7759519	-0,021	0,315
CHR9	460878	CHR9:460878	SSF x LoA	-8,33466022	-0,035	0,311
CHR9	4610551	CHR9:4610551	SSF x LoA	-9,37400307	0,116	0,301
CHR9	4612963	CHR9:4612963	SSF x LoA	-10,6009876	0,058	0,305
CHR9	4612995	CHR9:4612995	SSF x LoA	-9,44763866	0,061	0,308
CHR9	4613117	CHR9:4613117	SSF x LoA	-11,5252533	0,006	0,307
CHR9	4613126	CHR9:4613126	SSF x LoA	-5,86915996	-0,046	0,296
CHR9	4613257	CHR9:4613257	SSF x LoA	-10,7251937	-0,066	0,303
CHR9	4613275	CHR9:4613275	SSF x LoA	-10,0390575	-0,053	0,301
CHR9	4619866	CHR9:4619866	SSF x LoA	-9,46035155	0,008	0,303
CHR9	4619956	CHR9:4619956	SSF x LoA	-7,98683356	-0,018	0,305
CHR9	4620086	CHR9:4620086	SSF x LoA	-9,10256813	-0,082	0,305
CHR9	4621740	CHR9:4621740	SSF x LoA	-9,94474794	-0,126	0,288
CHR9	4621778	CHR9:4621778	SSF x LoA	-7,24663276	-0,047	0,310
CHR9	4621852	CHR9:4621852	SSF x LoA	-10,7254874	-0,031	0,306
CHR9	4621964	CHR9:4621964	SSF x LoA	-8,59516311	0,070	0,317
CHR9	4624931	CHR9:4624931	SSF x LoA	-10,8434144	0,016	0,309
CHR9	4624991	CHR9:4624991	SSF x LoA	-10,493801	-0,065	0,315
CHR9	4625757	CHR9:4625757	SSF x LoA	-10,8223423	0,041	0,295
CHR9	4627681	CHR9:4627681	SSF x LoA	-10,1344391	0,005	0,321
CHR9	4638821	CHR9:4638821	SSF x LoA	-10,8736206	0,032	0,321
CHR9	4641192	CHR9:4641192	SSF x LoA	-8,1769417	-0,050	0,316
CHR9	4651686	CHR9:4651686	SSF x LoA	-8,03197131	0,074	0,308
CHR9	4651728	CHR9:4651728	SSF x LoA	-10,5419982	0,059	0,287
CHR9	4651740	CHR9:4651740	SSF x LoA	-10,6420674	0,012	0,303
CHR9	4655686	CHR9:4655686	SSF x LoA	-9,90001845	0,021	0,318
CHR9	4655687	CHR9:4655687	SSF x LoA	-9,18126499	0,013	0,311
CHR9	4655828	CHR9:4655828	SSF x LoA	-7,53446782	-0,096	0,317
CHR9	4659380	CHR9:4659380	SSF x LoA	-10,6068597	-0,070	0,301
CHR9	4659426	CHR9:4659426	SSF x LoA	-11,0874319	0,009	0,311

CHR9	4665102	CHR9:4665102	SSF x LoA	-9,26170697	-0,006	0,307
CHR9	4666062	CHR9:4666062	SSF x LoA	-11,1855299	0,019	0,314
CHR9	467607	CHR9:467607	SSF x LoA	-9,18128651	-0,093	0,303
CHR9	467768	CHR9:467768	SSF x LoA	-9,1099546	-0,117	0,309
CHR9	4681087	CHR9:4681087	SSF x LoA	-7,95863097	0,026	0,306
CHR9	4681090	CHR9:4681090	SSF x LoA	-9,5039931	0,000	0,298
CHR9	4681093	CHR9:4681093	SSF x LoA	-10,99184	0,128	0,296
CHR9	4681107	CHR9:4681107	SSF x LoA	-10,5377838	0,094	0,311
CHR9	4681133	CHR9:4681133	SSF x LoA	-10,8845614	-0,068	0,310
CHR9	4686598	CHR9:4686598	SSF x LoA	-9,96460151	0,039	0,307
CHR9	4686686	CHR9:4686686	SSF x LoA	-8,44506434	0,108	0,305
CHR9	4686718	CHR9:4686718	SSF x LoA	-10,2088996	0,008	0,312
CHR9	4687876	CHR9:4687876	SSF x LoA	-10,9971547	0,016	0,305
CHR9	4702861	CHR9:4702861	SSF x LoA	-9,38556152	0,004	0,298
CHR9	4703274	CHR9:4703274	SSF x LoA	-9,16391918	0,010	0,306
CHR9	4704604	CHR9:4704604	SSF x LoA	-9,68304062	-0,032	0,306
CHR9	4704888	CHR9:4704888	SSF x LoA	-10,2291937	-0,043	0,311
CHR9	4708443	CHR9:4708443	SSF x LoA	-9,02210456	-0,105	0,305
CHR9	4708446	CHR9:4708446	SSF x LoA	-9,03569122	-0,115	0,299
CHR9	4708454	CHR9:4708454	SSF x LoA	-7,6002584	0,057	0,317
CHR9	4713785	CHR9:4713785	SSF x LoA	-10,803151	0,005	0,308
CHR9	4713793	CHR9:4713793	SSF x LoA	-3,51546505	0,175	0,305
CHR9	4717623	CHR9:4717623	SSF x LoA	-6,26226744	-0,121	0,310
CHR9	4717713	CHR9:4717713	SSF x LoA	-6,9251635	-0,113	0,313
CHR9	4717745	CHR9:4717745	SSF x LoA	-8,7297875	-0,085	0,317
CHR9	4722889	CHR9:4722889	SSF x LoA	-7,3799757	0,075	0,307
CHR9	4723062	CHR9:4723062	SSF x LoA	-7,33890483	-0,124	0,308
CHR9	4723086	CHR9:4723086	SSF x LoA	-8,22606761	0,159	0,317
CHR9	4723094	CHR9:4723094	SSF x LoA	-9,00503328	0,081	0,303
CHR9	4736450	CHR9:4736450	SSF x LoA	-9,69166552	0,092	0,322
CHR9	474407	CHR9:474407	SSF x LoA	-4,80377412	-0,047	0,301
CHR9	4760447	CHR9:4760447	SSF x LoA	-4,98752717	0,101	0,321
CHR9	4760454	CHR9:4760454	SSF x LoA	-10,1240925	-0,040	0,308
CHR9	4760499	CHR9:4760499	SSF x LoA	-9,42306007	0,012	0,297
CHR9	4760566	CHR9:4760566	SSF x LoA	-8,62735142	0,079	0,308
CHR9	4760599	CHR9:4760599	SSF x LoA	-11,5939602	-0,023	0,305
CHR9	4763204	CHR9:4763204	SSF x LoA	-7,80106482	0,175	0,294
CHR9	4763293	CHR9:4763293	SSF x LoA	-11,6328997	-0,006	0,318
CHR9	4763408	CHR9:4763408	SSF x LoA	-10,4020205	0,126	0,295
CHR9	4767542	CHR9:4767542	SSF x LoA	-9,54339202	-0,120	0,304
CHR9	4767547	CHR9:4767547	SSF x LoA	-4,646171	0,144	0,310
CHR9	477580	CHR9:477580	SSF x LoA	-10,6634651	-0,075	0,309
CHR9	477666	CHR9:477666	SSF x LoA	-7,76869492	0,045	0,310
CHR9	4776907	CHR9:4776907	SSF x LoA	-8,55408537	0,062	0,309
CHR9	4776923	CHR9:4776923	SSF x LoA	-8,92745228	-0,009	0,315
CHR9	4776969	CHR9:4776969	SSF x LoA	-9,79360267	0,025	0,308
CHR9	4776978	CHR9:4776978	SSF x LoA	-11,2181801	-0,028	0,312
CHR9	4776983	CHR9:4776983	SSF x LoA	-8,245167	0,029	0,311
CHR9	4776989	CHR9:4776989	SSF x LoA	-8,95244933	-0,004	0,310
CHR9	4777015	CHR9:4777015	SSF x LoA	-11,0491379	0,006	0,319
CHR9	4777037	CHR9:4777037	SSF x LoA	-10,5778297	0,090	0,306
CHR9	4777038	CHR9:4777038	SSF x LoA	-5,84765803	0,065	0,311
CHR9	4781413	CHR9:4781413	SSF x LoA	-4,01943556	-0,086	0,315

CHR9	4781656	CHR9:4781656	SSF x LoA	-10,5529532	0,084	0,309
CHR9	4781722	CHR9:4781722	SSF x LoA	-8,82286745	0,079	0,302
CHR9	4781817	CHR9:4781817	SSF x LoA	-9,93389294	0,034	0,302
CHR9	4791266	CHR9:4791266	SSF x LoA	-8,42557821	-0,073	0,318
CHR9	4791297	CHR9:4791297	SSF x LoA	-9,07319304	0,069	0,301
CHR9	4791298	CHR9:4791298	SSF x LoA	-7,94989118	0,059	0,321
CHR9	4791300	CHR9:4791300	SSF x LoA	-10,6216405	0,007	0,313
CHR9	4791526	CHR9:4791526	SSF x LoA	-8,42616532	0,012	0,299
CHR9	4791593	CHR9:4791593	SSF x LoA	-10,4634941	-0,078	0,322
CHR9	4794732	CHR9:4794732	SSF x LoA	5,63239553	0,219	0,298
CHR9	4794772	CHR9:4794772	SSF x LoA	-8,28597196	0,188	0,299
CHR9	4794778	CHR9:4794778	SSF x LoA	-5,81099291	0,189	0,299
CHR9	4794836	CHR9:4794836	SSF x LoA	-10,1229534	0,152	0,293
CHR9	4795616	CHR9:4795616	SSF x LoA	-8,51290618	-0,134	0,306
CHR9	4795621	CHR9:4795621	SSF x LoA	-11,2946458	0,005	0,313
CHR9	4795663	CHR9:4795663	SSF x LoA	-8,49827295	-0,127	0,311
CHR9	4799417	CHR9:4799417	SSF x LoA	-8,97338957	-0,009	0,307
CHR9	4799430	CHR9:4799430	SSF x LoA	-8,96964001	-0,013	0,315
CHR9	4799472	CHR9:4799472	SSF x LoA	-10,3240595	-0,009	0,309
CHR9	4807431	CHR9:4807431	SSF x LoA	-11,9535966	0,054	0,293
CHR9	4807506	CHR9:4807506	SSF x LoA	-9,7919522	-0,001	0,301
CHR9	4814232	CHR9:4814232	SSF x LoA	-10,5788505	-0,097	0,286
CHR9	4814283	CHR9:4814283	SSF x LoA	-11,2329808	0,018	0,293
CHR9	4814285	CHR9:4814285	SSF x LoA	-9,98874477	0,108	0,310
CHR9	4814401	CHR9:4814401	SSF x LoA	-8,78567896	-0,087	0,305
CHR9	4814419	CHR9:4814419	SSF x LoA	-9,40385653	-0,097	0,309
CHR9	4817417	CHR9:4817417	SSF x LoA	-3,8397076	0,066	0,317
CHR9	4823428	CHR9:4823428	SSF x LoA	-9,90200505	0,130	0,303
CHR9	482662	CHR9:482662	SSF x LoA	-10,9327979	-0,001	0,319
CHR9	482674	CHR9:482674	SSF x LoA	-7,65585554	-0,002	0,320
CHR9	4827554	CHR9:4827554	SSF x LoA	-11,1829778	0,096	0,305
CHR9	4827574	CHR9:4827574	SSF x LoA	-8,41394145	0,014	0,325
CHR9	4827576	CHR9:4827576	SSF x LoA	-7,76125541	0,107	0,303
CHR9	4832425	CHR9:4832425	SSF x LoA	-11,7060035	-0,002	0,311
CHR9	483303	CHR9:483303	SSF x LoA	-8,13174684	-0,105	0,300
CHR9	4844466	CHR9:4844466	SSF x LoA	-8,71082386	-0,018	0,305
CHR9	4844677	CHR9:4844677	SSF x LoA	-9,12507403	0,106	0,316
CHR9	4844691	CHR9:4844691	SSF x LoA	0,49740435	0,067	0,315
CHR9	4853745	CHR9:4853745	SSF x LoA	-7,23596098	0,027	0,315
CHR9	4853824	CHR9:4853824	SSF x LoA	-8,34175085	-0,041	0,297
CHR9	4853825	CHR9:4853825	SSF x LoA	-9,72945064	0,059	0,293
CHR9	4853856	CHR9:4853856	SSF x LoA	-10,2948572	0,032	0,308
CHR9	4855720	CHR9:4855720	SSF x LoA	-8,16445975	0,009	0,294
CHR9	4857682	CHR9:4857682	SSF x LoA	-7,36650698	0,122	0,297
CHR9	4857687	CHR9:4857687	SSF x LoA	-7,9976945	0,150	0,297
CHR9	4857734	CHR9:4857734	SSF x LoA	-10,5732393	0,158	0,300
CHR9	4864855	CHR9:4864855	SSF x LoA	-10,7735092	-0,085	0,302
CHR9	4869550	CHR9:4869550	SSF x LoA	-9,35096155	0,055	0,306
CHR9	4869577	CHR9:4869577	SSF x LoA	-7,14297982	0,003	0,306
CHR9	4869591	CHR9:4869591	SSF x LoA	-7,16435523	-0,012	0,301
CHR9	4870813	CHR9:4870813	SSF x LoA	-8,28791386	0,060	0,307
CHR9	4876647	CHR9:4876647	SSF x LoA	-11,8883029	0,003	0,318
CHR9	4876654	CHR9:4876654	SSF x LoA	-8,87485351	0,005	0,295

CHR9	4876666	CHR9:4876666	SSF x LoA	-11,2100324	0,034	0,303
CHR9	4876710	CHR9:4876710	SSF x LoA	-9,63865083	-0,078	0,286
CHR9	4876724	CHR9:4876724	SSF x LoA	-9,68124671	0,005	0,300
CHR9	4876747	CHR9:4876747	SSF x LoA	-8,62341552	-0,060	0,303
CHR9	4879467	CHR9:4879467	SSF x LoA	-8,3800879	0,096	0,300
CHR9	4881482	CHR9:4881482	SSF x LoA	-9,18864875	0,024	0,301
CHR9	4881533	CHR9:4881533	SSF x LoA	-10,3571596	0,021	0,307
CHR9	4881536	CHR9:4881536	SSF x LoA	-10,3742619	0,086	0,298
CHR9	4891412	CHR9:4891412	SSF x LoA	-6,82290235	-0,092	0,309
CHR9	4891592	CHR9:4891592	SSF x LoA	2,1067347	-0,093	0,308
CHR9	4892878	CHR9:4892878	SSF x LoA	-8,34828017	0,073	0,327
CHR9	4896177	CHR9:4896177	SSF x LoA	-8,81152635	0,134	0,299
CHR9	4896197	CHR9:4896197	SSF x LoA	-11,701602	-0,055	0,307
CHR9	4896214	CHR9:4896214	SSF x LoA	-8,10919338	0,044	0,302
CHR9	4896222	CHR9:4896222	SSF x LoA	-8,33582703	0,061	0,301
CHR9	4896255	CHR9:4896255	SSF x LoA	-8,53654804	-0,164	0,290
CHR9	4896320	CHR9:4896320	SSF x LoA	-9,76859724	-0,085	0,305
CHR9	4896347	CHR9:4896347	SSF x LoA	-12,1388852	-0,023	0,303
CHR9	4896351	CHR9:4896351	SSF x LoA	-8,67922919	-0,054	0,311
CHR9	4898861	CHR9:4898861	SSF x LoA	-10,7116396	0,028	0,305
CHR9	4898955	CHR9:4898955	SSF x LoA	-10,2114909	0,022	0,311
CHR9	4899012	CHR9:4899012	SSF x LoA	-9,56516982	0,032	0,309
CHR9	4905478	CHR9:4905478	SSF x LoA	-9,62559426	0,059	0,300
CHR9	4905479	CHR9:4905479	SSF x LoA	-8,27519839	-0,062	0,302
CHR9	4905503	CHR9:4905503	SSF x LoA	-8,46422537	-0,008	0,311
CHR9	4905532	CHR9:4905532	SSF x LoA	-10,0352684	-0,031	0,320
CHR9	4905606	CHR9:4905606	SSF x LoA	-7,96948461	-0,036	0,320
CHR9	4905626	CHR9:4905626	SSF x LoA	-8,37840614	-0,025	0,316
CHR9	4905677	CHR9:4905677	SSF x LoA	-10,1841532	-0,014	0,307
CHR9	4905679	CHR9:4905679	SSF x LoA	-9,95423401	0,007	0,307
CHR9	4905695	CHR9:4905695	SSF x LoA	-8,58989724	0,066	0,324
CHR9	4908396	CHR9:4908396	SSF x LoA	-4,11983672	-0,007	0,303
CHR9	4908402	CHR9:4908402	SSF x LoA	-4,43273086	0,067	0,311
CHR9	4908422	CHR9:4908422	SSF x LoA	-8,49292182	0,049	0,291
CHR9	4908441	CHR9:4908441	SSF x LoA	-10,1300453	0,018	0,308
CHR9	4908519	CHR9:4908519	SSF x LoA	19,444763	0,112	0,307
CHR9	4909184	CHR9:4909184	SSF x LoA	-8,30137411	0,029	0,324
CHR9	4909193	CHR9:4909193	SSF x LoA	-8,40164369	0,017	0,320
CHR9	4909209	CHR9:4909209	SSF x LoA	-11,5173516	-0,094	0,284
CHR9	4909228	CHR9:4909228	SSF x LoA	-8,91831054	-0,026	0,308
CHR9	4909275	CHR9:4909275	SSF x LoA	-8,60344203	0,098	0,300
CHR9	4909281	CHR9:4909281	SSF x LoA	-11,2854196	0,062	0,306
CHR9	4910742	CHR9:4910742	SSF x LoA	-10,5696401	-0,001	0,315
CHR9	4912117	CHR9:4912117	SSF x LoA	-5,1150162	-0,065	0,317
CHR9	4912162	CHR9:4912162	SSF x LoA	-11,9584762	-0,036	0,309
CHR9	4913840	CHR9:4913840	SSF x LoA	-10,085247	0,043	0,305
CHR9	491797	CHR9:491797	SSF x LoA	-8,05469052	0,092	0,309
CHR9	4918571	CHR9:4918571	SSF x LoA	-8,40467577	0,063	0,319
CHR9	4918637	CHR9:4918637	SSF x LoA	-9,05972627	-0,061	0,318
CHR9	4923843	CHR9:4923843	SSF x LoA	-6,98308633	0,013	0,319
CHR9	4933836	CHR9:4933836	SSF x LoA	-8,78556261	0,018	0,323
CHR9	4934483	CHR9:4934483	SSF x LoA	-10,5624113	-0,031	0,307
CHR9	4942267	CHR9:4942267	SSF x LoA	-9,74862178	-0,124	0,303

CHR9	4942416	CHR9:4942416	SSF x LoA	-8,2095673	0,101	0,309
CHR9	4942493	CHR9:4942493	SSF x LoA	-10,6313184	-0,039	0,319
CHR9	4942494	CHR9:4942494	SSF x LoA	-7,93301685	0,099	0,305
CHR9	4951832	CHR9:4951832	SSF x LoA	-8,5649481	0,012	0,307
CHR9	4956348	CHR9:4956348	SSF x LoA	-8,90658912	0,005	0,315
CHR9	4956402	CHR9:4956402	SSF x LoA	-7,19024913	-0,018	0,317
CHR9	4971465	CHR9:4971465	SSF x LoA	-5,90025969	0,003	0,310
CHR9	4971485	CHR9:4971485	SSF x LoA	-9,19292955	-0,057	0,307
CHR9	4971497	CHR9:4971497	SSF x LoA	-9,18682502	-0,053	0,314
CHR9	4971506	CHR9:4971506	SSF x LoA	-10,4476227	-0,032	0,305
CHR9	4971548	CHR9:4971548	SSF x LoA	-9,59936138	-0,054	0,311
CHR9	4978980	CHR9:4978980	SSF x LoA	-9,19440303	-0,057	0,316
CHR9	4979015	CHR9:4979015	SSF x LoA	-8,44086382	0,051	0,303
CHR9	4979176	CHR9:4979176	SSF x LoA	-11,3876138	0,077	0,311
CHR9	4984162	CHR9:4984162	SSF x LoA	-10,5801976	0,003	0,304
CHR9	4984235	CHR9:4984235	SSF x LoA	-9,33838908	-0,014	0,302
CHR9	4985245	CHR9:4985245	SSF x LoA	-8,50002723	0,119	0,305
CHR9	4985266	CHR9:4985266	SSF x LoA	-9,18475971	-0,084	0,315
CHR9	4985314	CHR9:4985314	SSF x LoA	9,02114303	0,160	0,299
CHR9	4985398	CHR9:4985398	SSF x LoA	-8,07862916	0,093	0,307
CHR9	4985400	CHR9:4985400	SSF x LoA	-9,59649894	0,112	0,293
CHR9	4986	CHR9:4986	SSF x LoA	-9,91507818	-0,019	0,300
CHR9	4986654	CHR9:4986654	SSF x LoA	-9,17036242	-0,028	0,303
CHR9	4996798	CHR9:4996798	SSF x LoA	-9,96272097	0,025	0,300
CHR9	5000024	CHR9:5000024	SSF x LoA	-9,60168863	-0,009	0,292
CHR9	5012703	CHR9:5012703	SSF x LoA	-7,97489486	0,067	0,308
CHR9	5012704	CHR9:5012704	SSF x LoA	-8,95342392	-0,066	0,310
CHR9	5012706	CHR9:5012706	SSF x LoA	-8,36223588	-0,090	0,302
CHR9	5012715	CHR9:5012715	SSF x LoA	-9,37162635	-0,069	0,307
CHR9	5012740	CHR9:5012740	SSF x LoA	-9,39716761	0,008	0,293
CHR9	5012745	CHR9:5012745	SSF x LoA	-8,59434737	-0,030	0,314
CHR9	5012785	CHR9:5012785	SSF x LoA	-8,08129463	0,000	0,310
CHR9	5012792	CHR9:5012792	SSF x LoA	-5,72128633	-0,059	0,307
CHR9	5012808	CHR9:5012808	SSF x LoA	-9,79687017	-0,045	0,313
CHR9	5015962	CHR9:5015962	SSF x LoA	-8,38644812	0,011	0,321
CHR9	5020412	CHR9:5020412	SSF x LoA	-9,59514445	0,137	0,315
CHR9	5020570	CHR9:5020570	SSF x LoA	-11,2238958	-0,018	0,311
CHR9	502067	CHR9:502067	SSF x LoA	-7,83944889	-0,043	0,304
CHR9	502091	CHR9:502091	SSF x LoA	-9,46897273	-0,083	0,306
CHR9	5033550	CHR9:5033550	SSF x LoA	-11,0795137	0,027	0,310
CHR9	5037107	CHR9:5037107	SSF x LoA	-9,22151769	0,000	0,303
CHR9	5039496	CHR9:5039496	SSF x LoA	-10,4516045	-0,008	0,308
CHR9	5039676	CHR9:5039676	SSF x LoA	-1,57537945	-0,137	0,301
CHR9	5039703	CHR9:5039703	SSF x LoA	-11,7378104	-0,045	0,305
CHR9	5041140	CHR9:5041140	SSF x LoA	-7,15951589	0,001	0,314
CHR9	5052652	CHR9:5052652	SSF x LoA	-9,40395238	0,053	0,309
CHR9	5052681	CHR9:5052681	SSF x LoA	-9,03846178	-0,019	0,322
CHR9	5052688	CHR9:5052688	SSF x LoA	-8,72678306	-0,050	0,314
CHR9	5067563	CHR9:5067563	SSF x LoA	-9,06463038	0,081	0,307
CHR9	5075359	CHR9:5075359	SSF x LoA	-6,87362076	-0,118	0,315
CHR9	5075414	CHR9:5075414	SSF x LoA	-9,28404177	0,136	0,288
CHR9	5075504	CHR9:5075504	SSF x LoA	-5,39077159	0,063	0,307
CHR9	5075610	CHR9:5075610	SSF x LoA	-9,22262464	-0,072	0,303

CHR9	5079127	CHR9:5079127	SSF x LoA	-9,72000689	-0,050	0,295
CHR9	5079220	CHR9:5079220	SSF x LoA	-10,2378331	-0,026	0,290
CHR9	5079248	CHR9:5079248	SSF x LoA	-9,25495921	0,002	0,296
CHR9	5079249	CHR9:5079249	SSF x LoA	-8,20981688	0,004	0,302
CHR9	5083650	CHR9:5083650	SSF x LoA	-8,74125456	-0,033	0,316
CHR9	5084535	CHR9:5084535	SSF x LoA	-10,2850387	0,102	0,308
CHR9	5093017	CHR9:5093017	SSF x LoA	-11,0327134	-0,031	0,314
CHR9	5099161	CHR9:5099161	SSF x LoA	-9,00356102	-0,038	0,313
CHR9	5099191	CHR9:5099191	SSF x LoA	-6,24796763	0,146	0,305
CHR9	5099193	CHR9:5099193	SSF x LoA	-9,627409	0,066	0,310
CHR9	5101237	CHR9:5101237	SSF x LoA	-7,88770117	0,029	0,318
CHR9	5101352	CHR9:5101352	SSF x LoA	-11,1454726	0,034	0,308
CHR9	5114630	CHR9:5114630	SSF x LoA	-11,441354	0,051	0,296
CHR9	5117371	CHR9:5117371	SSF x LoA	-9,17775169	0,103	0,310
CHR9	5117419	CHR9:5117419	SSF x LoA	-7,65524808	0,116	0,309
CHR9	5138568	CHR9:5138568	SSF x LoA	-9,30546132	-0,107	0,302
CHR9	5162313	CHR9:5162313	SSF x LoA	-9,35954261	-0,046	0,314
CHR9	5162315	CHR9:5162315	SSF x LoA	-8,22950109	0,158	0,298
CHR9	5162327	CHR9:5162327	SSF x LoA	-2,48968989	0,180	0,303
CHR9	5173873	CHR9:5173873	SSF x LoA	-8,84760712	0,081	0,304
CHR9	5173875	CHR9:5173875	SSF x LoA	-9,65169565	0,120	0,315
CHR9	5173931	CHR9:5173931	SSF x LoA	-10,7588764	-0,022	0,307
CHR9	5174007	CHR9:5174007	SSF x LoA	-9,80255285	-0,107	0,303
CHR9	5175929	CHR9:5175929	SSF x LoA	-8,53771571	0,083	0,311
CHR9	5175936	CHR9:5175936	SSF x LoA	-8,00515795	0,107	0,305
CHR9	5176069	CHR9:5176069	SSF x LoA	-9,06130565	-0,032	0,295
CHR9	519646	CHR9:519646	SSF x LoA	-8,43232279	-0,031	0,298
CHR9	5196874	CHR9:5196874	SSF x LoA	-10,1699753	0,066	0,300
CHR9	5197094	CHR9:5197094	SSF x LoA	-9,48862772	-0,120	0,312
CHR9	5197202	CHR9:5197202	SSF x LoA	-10,3266521	0,062	0,309
CHR9	519747	CHR9:519747	SSF x LoA	-7,59770095	0,025	0,310
CHR9	519748	CHR9:519748	SSF x LoA	-9,75669735	0,032	0,291
CHR9	519813	CHR9:519813	SSF x LoA	-9,97634738	-0,010	0,307
CHR9	519818	CHR9:519818	SSF x LoA	-9,0291654	0,007	0,313
CHR9	519819	CHR9:519819	SSF x LoA	-9,7283595	0,020	0,302
CHR9	5213576	CHR9:5213576	SSF x LoA	-9,36477099	0,023	0,308
CHR9	5213749	CHR9:5213749	SSF x LoA	-5,51437277	0,066	0,308
CHR9	5231185	CHR9:5231185	SSF x LoA	-10,3010567	-0,001	0,299
CHR9	5231282	CHR9:5231282	SSF x LoA	-10,1102978	0,030	0,301
CHR9	5231300	CHR9:5231300	SSF x LoA	-9,1530563	0,070	0,298
CHR9	5231309	CHR9:5231309	SSF x LoA	-10,4494103	0,028	0,314
CHR9	5242260	CHR9:5242260	SSF x LoA	-7,83595915	0,026	0,310
CHR9	525477	CHR9:525477	SSF x LoA	-8,71320658	0,001	0,311
CHR9	5260375	CHR9:5260375	SSF x LoA	-9,4674257	0,067	0,308
CHR9	5260378	CHR9:5260378	SSF x LoA	-9,83270669	0,056	0,306
CHR9	5260379	CHR9:5260379	SSF x LoA	-9,44799129	0,070	0,305
CHR9	5260382	CHR9:5260382	SSF x LoA	-8,15899755	0,072	0,301
CHR9	5260387	CHR9:5260387	SSF x LoA	-6,76668102	0,037	0,303
CHR9	5260428	CHR9:5260428	SSF x LoA	-9,6500714	-0,103	0,314
CHR9	5260431	CHR9:5260431	SSF x LoA	-11,145686	-0,052	0,299
CHR9	5260445	CHR9:5260445	SSF x LoA	-8,84743701	0,127	0,305
CHR9	5260807	CHR9:5260807	SSF x LoA	-11,3692421	0,000	0,297
CHR9	5260834	CHR9:5260834	SSF x LoA	-11,0945968	-0,002	0,309

CHR9	5266039	CHR9:5266039	SSF x LoA	-3,52114555	0,184	0,288
CHR9	5266157	CHR9:5266157	SSF x LoA	-3,66831723	0,018	0,309
CHR9	5268248	CHR9:5268248	SSF x LoA	1,26004916	-0,127	0,305
CHR9	5268272	CHR9:5268272	SSF x LoA	-9,17229224	-0,031	0,306
CHR9	5269550	CHR9:5269550	SSF x LoA	-8,59338378	0,078	0,316
CHR9	5269693	CHR9:5269693	SSF x LoA	-3,0965431	-0,191	0,309
CHR9	527196	CHR9:527196	SSF x LoA	-8,87399711	-0,003	0,292
CHR9	5278184	CHR9:5278184	SSF x LoA	-10,6693309	-0,010	0,318
CHR9	5286316	CHR9:5286316	SSF x LoA	-8,56379253	0,108	0,311
CHR9	5286348	CHR9:5286348	SSF x LoA	-8,7784348	0,086	0,318
CHR9	5286376	CHR9:5286376	SSF x LoA	-4,63423239	0,079	0,321
CHR9	530154	CHR9:530154	SSF x LoA	-9,15708656	0,003	0,300
CHR9	530199	CHR9:530199	SSF x LoA	-8,92935235	0,027	0,308
CHR9	530215	CHR9:530215	SSF x LoA	-6,93682236	0,077	0,312
CHR9	530222	CHR9:530222	SSF x LoA	-8,99040641	0,031	0,309
CHR9	530253	CHR9:530253	SSF x LoA	-8,47905675	0,127	0,298
CHR9	530298	CHR9:530298	SSF x LoA	-9,16056199	0,081	0,307
CHR9	530357	CHR9:530357	SSF x LoA	-8,60875527	-0,080	0,297
CHR9	5303826	CHR9:5303826	SSF x LoA	-10,0084377	0,074	0,292
CHR9	5303967	CHR9:5303967	SSF x LoA	-10,3075592	-0,059	0,287
CHR9	5314553	CHR9:5314553	SSF x LoA	-9,61398918	0,096	0,301
CHR9	5314735	CHR9:5314735	SSF x LoA	-8,66265412	-0,005	0,303
CHR9	5324693	CHR9:5324693	SSF x LoA	-12,6089727	-0,016	0,303
CHR9	5325800	CHR9:5325800	SSF x LoA	-9,2868709	-0,049	0,304
CHR9	5327856	CHR9:5327856	SSF x LoA	-10,0220464	0,026	0,317
CHR9	5327906	CHR9:5327906	SSF x LoA	-7,17979723	0,076	0,303
CHR9	5327980	CHR9:5327980	SSF x LoA	-10,7603751	-0,001	0,315
CHR9	5328130	CHR9:5328130	SSF x LoA	-8,76139187	-0,026	0,299
CHR9	5329170	CHR9:5329170	SSF x LoA	-10,1213118	0,140	0,288
CHR9	5329209	CHR9:5329209	SSF x LoA	-9,88259336	-0,019	0,304
CHR9	5333042	CHR9:5333042	SSF x LoA	-8,03652368	0,087	0,308
CHR9	5333149	CHR9:5333149	SSF x LoA	-8,49417077	-0,056	0,308
CHR9	5344807	CHR9:5344807	SSF x LoA	-10,2839606	-0,069	0,300
CHR9	5344811	CHR9:5344811	SSF x LoA	-8,80986566	-0,029	0,308
CHR9	5344877	CHR9:5344877	SSF x LoA	-10,6808458	-0,034	0,298
CHR9	5345007	CHR9:5345007	SSF x LoA	-2,65438129	0,146	0,308
CHR9	5345010	CHR9:5345010	SSF x LoA	-3,36517518	0,146	0,301
CHR9	5350396	CHR9:5350396	SSF x LoA	-8,88280406	-0,035	0,312
CHR9	5350420	CHR9:5350420	SSF x LoA	-9,23557447	0,082	0,306
CHR9	5350446	CHR9:5350446	SSF x LoA	-8,0663081	-0,055	0,289
CHR9	5364494	CHR9:5364494	SSF x LoA	-11,2764412	0,058	0,312
CHR9	5364587	CHR9:5364587	SSF x LoA	-7,79250492	0,038	0,321
CHR9	5364595	CHR9:5364595	SSF x LoA	-10,179115	-0,030	0,306
CHR9	5365778	CHR9:5365778	SSF x LoA	-9,64102844	0,040	0,308
CHR9	5365949	CHR9:5365949	SSF x LoA	-10,6534386	-0,008	0,311
CHR9	5376060	CHR9:5376060	SSF x LoA	-8,06471664	0,158	0,303
CHR9	5376137	CHR9:5376137	SSF x LoA	-8,29053365	0,112	0,300
CHR9	5390859	CHR9:5390859	SSF x LoA	-8,09259253	-0,009	0,322
CHR9	5390923	CHR9:5390923	SSF x LoA	-8,19557101	-0,059	0,318
CHR9	5390939	CHR9:5390939	SSF x LoA	-11,4447911	0,042	0,309
CHR9	5403997	CHR9:5403997	SSF x LoA	-10,5665344	0,094	0,303
CHR9	5407270	CHR9:5407270	SSF x LoA	-10,9612199	0,084	0,294
CHR9	542162	CHR9:542162	SSF x LoA	-9,19355744	0,068	0,312

CHR9	5438226	CHR9:5438226	SSF x LoA	-11,1700579	0,049	0,319
CHR9	545326	CHR9:545326	SSF x LoA	-11,0093492	0,010	0,303
CHR9	545351	CHR9:545351	SSF x LoA	-8,7165264	0,090	0,302
CHR9	545463	CHR9:545463	SSF x LoA	-6,12732106	0,125	0,315
CHR9	545526	CHR9:545526	SSF x LoA	-6,66041181	0,123	0,296
CHR9	5456559	CHR9:5456559	SSF x LoA	-8,85672675	0,021	0,308
CHR9	5456562	CHR9:5456562	SSF x LoA	-8,11671074	-0,016	0,304
CHR9	5469149	CHR9:5469149	SSF x LoA	-9,90129612	0,028	0,310
CHR9	5469224	CHR9:5469224	SSF x LoA	-8,91022952	0,021	0,310
CHR9	5474372	CHR9:5474372	SSF x LoA	-8,69204848	0,100	0,294
CHR9	5474507	CHR9:5474507	SSF x LoA	-5,79780292	-0,112	0,303
CHR9	5484093	CHR9:5484093	SSF x LoA	-7,03358433	-0,011	0,307
CHR9	5484316	CHR9:5484316	SSF x LoA	-8,76793981	-0,084	0,306
CHR9	5490828	CHR9:5490828	SSF x LoA	-10,5826596	0,076	0,305
CHR9	5527577	CHR9:5527577	SSF x LoA	-8,22852927	0,008	0,315
CHR9	5527659	CHR9:5527659	SSF x LoA	-7,36982736	0,166	0,302
CHR9	5527764	CHR9:5527764	SSF x LoA	-8,43637385	-0,115	0,314
CHR9	5531686	CHR9:5531686	SSF x LoA	-9,49788634	-0,031	0,302
CHR9	5531702	CHR9:5531702	SSF x LoA	-7,47388289	0,152	0,292
CHR9	5531707	CHR9:5531707	SSF x LoA	-9,07817507	0,136	0,312
CHR9	553441	CHR9:553441	SSF x LoA	-6,40793214	-0,019	0,300
CHR9	553503	CHR9:553503	SSF x LoA	-7,94571513	0,057	0,304
CHR9	5535826	CHR9:5535826	SSF x LoA	-7,58995466	0,058	0,302
CHR9	5535993	CHR9:5535993	SSF x LoA	-9,76148328	-0,079	0,302
CHR9	5536004	CHR9:5536004	SSF x LoA	-7,79237699	-0,126	0,313
CHR9	553606	CHR9:553606	SSF x LoA	-9,51567561	0,070	0,306
CHR9	5549242	CHR9:5549242	SSF x LoA	-7,17305405	-0,109	0,293
CHR9	5549288	CHR9:5549288	SSF x LoA	-10,9453355	-0,008	0,324
CHR9	5557580	CHR9:5557580	SSF x LoA	-8,36659854	-0,113	0,291
CHR9	5573783	CHR9:5573783	SSF x LoA	-11,0897487	-0,016	0,305
CHR9	5606931	CHR9:5606931	SSF x LoA	-7,74088691	-0,002	0,315
CHR9	5606996	CHR9:5606996	SSF x LoA	-7,66566593	0,022	0,323
CHR9	5607038	CHR9:5607038	SSF x LoA	-10,1228635	0,074	0,293
CHR9	5609397	CHR9:5609397	SSF x LoA	-10,4650573	-0,003	0,304
CHR9	5609535	CHR9:5609535	SSF x LoA	-9,09620593	-0,076	0,317
CHR9	5615454	CHR9:5615454	SSF x LoA	-9,56039966	0,073	0,309
CHR9	5615486	CHR9:5615486	SSF x LoA	-7,40525778	0,054	0,303
CHR9	5615508	CHR9:5615508	SSF x LoA	-8,98653821	0,076	0,303
CHR9	5615566	CHR9:5615566	SSF x LoA	-11,2966974	-0,017	0,301
CHR9	5615572	CHR9:5615572	SSF x LoA	-6,73100808	0,124	0,302
CHR9	5615579	CHR9:5615579	SSF x LoA	-8,2119107	-0,048	0,306
CHR9	5615615	CHR9:5615615	SSF x LoA	-6,51176592	0,055	0,299
CHR9	562317	CHR9:562317	SSF x LoA	-9,00631562	-0,161	0,290
CHR9	5635947	CHR9:5635947	SSF x LoA	-10,7403412	-0,007	0,308
CHR9	5641710	CHR9:5641710	SSF x LoA	-9,46941083	0,031	0,309
CHR9	5644155	CHR9:5644155	SSF x LoA	-6,12562685	0,062	0,315
CHR9	5644166	CHR9:5644166	SSF x LoA	-9,41207318	0,109	0,313
CHR9	5644174	CHR9:5644174	SSF x LoA	-9,80099094	-0,060	0,317
CHR9	5648731	CHR9:5648731	SSF x LoA	-10,0741505	0,029	0,316
CHR9	5659363	CHR9:5659363	SSF x LoA	-10,4451552	0,010	0,310
CHR9	5659427	CHR9:5659427	SSF x LoA	5,68042158	0,038	0,318
CHR9	5662352	CHR9:5662352	SSF x LoA	-10,5941048	-0,025	0,308
CHR9	5666716	CHR9:5666716	SSF x LoA	-9,12417964	0,057	0,298

CHR9	5666773	CHR9:5666773	SSF x LoA	-10,8002945	0,016	0,307
CHR9	5666776	CHR9:5666776	SSF x LoA	-10,1637032	0,004	0,310
CHR9	5666848	CHR9:5666848	SSF x LoA	-10,827779	-0,042	0,308
CHR9	5666885	CHR9:5666885	SSF x LoA	-8,85681113	-0,003	0,321
CHR9	5666902	CHR9:5666902	SSF x LoA	-8,83851501	0,118	0,304
CHR9	5666905	CHR9:5666905	SSF x LoA	-9,04896323	0,016	0,304
CHR9	5666920	CHR9:5666920	SSF x LoA	-9,45013309	0,023	0,303
CHR9	5666969	CHR9:5666969	SSF x LoA	-11,3326335	-0,009	0,307
CHR9	5681411	CHR9:5681411	SSF x LoA	-10,7181915	0,065	0,316
CHR9	5681664	CHR9:5681664	SSF x LoA	-10,0917602	-0,077	0,310
CHR9	5681669	CHR9:5681669	SSF x LoA	-7,80275217	-0,068	0,310
CHR9	5685139	CHR9:5685139	SSF x LoA	-6,89311353	-0,119	0,293
CHR9	5685160	CHR9:5685160	SSF x LoA	-9,14603861	-0,002	0,316
CHR9	5685410	CHR9:5685410	SSF x LoA	0,43511455	-0,112	0,310
CHR9	5685420	CHR9:5685420	SSF x LoA	-7,66672943	-0,109	0,319
CHR9	568678	CHR9:568678	SSF x LoA	-10,698854	0,099	0,300
CHR9	568686	CHR9:568686	SSF x LoA	-10,9699719	0,076	0,303
CHR9	5703293	CHR9:5703293	SSF x LoA	-9,4794677	-0,019	0,310
CHR9	570569	CHR9:570569	SSF x LoA	-8,2265065	-0,086	0,297
CHR9	570580	CHR9:570580	SSF x LoA	-11,2802427	-0,008	0,308
CHR9	5706163	CHR9:5706163	SSF x LoA	-10,1278958	-0,086	0,297
CHR9	5706167	CHR9:5706167	SSF x LoA	-9,22860376	-0,085	0,302
CHR9	5709385	CHR9:5709385	SSF x LoA	-11,2433963	-0,089	0,299
CHR9	5714118	CHR9:5714118	SSF x LoA	-9,88885604	0,005	0,300
CHR9	5714306	CHR9:5714306	SSF x LoA	-7,54039993	0,184	0,285
CHR9	5714310	CHR9:5714310	SSF x LoA	-8,48616066	0,149	0,299
CHR9	5714315	CHR9:5714315	SSF x LoA	-4,84614293	0,110	0,313
CHR9	5714318	CHR9:5714318	SSF x LoA	-7,79934834	0,133	0,322
CHR9	5714342	CHR9:5714342	SSF x LoA	-8,80751367	0,005	0,313
CHR9	5714390	CHR9:5714390	SSF x LoA	-10,2188301	-0,041	0,316
CHR9	571522	CHR9:571522	SSF x LoA	-10,6289022	0,074	0,308
CHR9	5725125	CHR9:5725125	SSF x LoA	-9,13897578	0,033	0,302
CHR9	5747035	CHR9:5747035	SSF x LoA	-7,7653112	0,151	0,299
CHR9	5760925	CHR9:5760925	SSF x LoA	-9,507347	-0,097	0,305
CHR9	5774486	CHR9:5774486	SSF x LoA	-9,55433486	0,051	0,317
CHR9	5774591	CHR9:5774591	SSF x LoA	-10,0868726	-0,104	0,320
CHR9	5774690	CHR9:5774690	SSF x LoA	-9,19629658	0,003	0,305
CHR9	5774702	CHR9:5774702	SSF x LoA	-10,9435695	0,012	0,315
CHR9	5794945	CHR9:5794945	SSF x LoA	-7,15491146	-0,108	0,306
CHR9	5794956	CHR9:5794956	SSF x LoA	-10,6766628	-0,091	0,299
CHR9	5795100	CHR9:5795100	SSF x LoA	-8,42198127	-0,037	0,322
CHR9	5843545	CHR9:5843545	SSF x LoA	-10,6178898	0,050	0,300
CHR9	5849429	CHR9:5849429	SSF x LoA	-9,18403024	0,095	0,309
CHR9	5861177	CHR9:5861177	SSF x LoA	-9,11730152	0,147	0,312
CHR9	5869026	CHR9:5869026	SSF x LoA	-8,94114767	-0,079	0,322
CHR9	5869030	CHR9:5869030	SSF x LoA	-9,19811513	0,028	0,302
CHR9	5869031	CHR9:5869031	SSF x LoA	-8,03925013	-0,111	0,307
CHR9	5869054	CHR9:5869054	SSF x LoA	-8,68900747	0,097	0,317
CHR9	5869060	CHR9:5869060	SSF x LoA	-8,07491254	0,009	0,306
CHR9	5869130	CHR9:5869130	SSF x LoA	-11,9148305	-0,001	0,311
CHR9	5869176	CHR9:5869176	SSF x LoA	-10,3687293	-0,024	0,308
CHR9	5876464	CHR9:5876464	SSF x LoA	-7,50294867	-0,024	0,319
CHR9	5876466	CHR9:5876466	SSF x LoA	-7,78085302	0,016	0,311

CHR9	5876539	CHR9:5876539	SSF x LoA	-9,94652793	0,011	0,296
CHR9	5887509	CHR9:5887509	SSF x LoA	-8,84971353	0,033	0,320
CHR9	5887528	CHR9:5887528	SSF x LoA	-10,7191113	0,008	0,304
CHR9	5887800	CHR9:5887800	SSF x LoA	-10,6343528	0,006	0,312
CHR9	5914242	CHR9:5914242	SSF x LoA	-10,1571779	-0,019	0,312
CHR9	5914253	CHR9:5914253	SSF x LoA	-8,84539795	0,066	0,298
CHR9	5916039	CHR9:5916039	SSF x LoA	-6,40561158	0,047	0,304
CHR9	5916102	CHR9:5916102	SSF x LoA	-10,4291181	0,107	0,298
CHR9	5916278	CHR9:5916278	SSF x LoA	-10,0258037	0,123	0,312
CHR9	5917585	CHR9:5917585	SSF x LoA	-10,4764969	0,008	0,307
CHR9	5930795	CHR9:5930795	SSF x LoA	-8,8175541	0,044	0,308
CHR9	5930863	CHR9:5930863	SSF x LoA	-5,06637245	0,185	0,295
CHR9	5936309	CHR9:5936309	SSF x LoA	-10,7997497	0,111	0,311
CHR9	5936462	CHR9:5936462	SSF x LoA	-9,30256122	-0,002	0,306
CHR9	5936594	CHR9:5936594	SSF x LoA	-11,4871679	-0,040	0,295
CHR9	5950051	CHR9:5950051	SSF x LoA	-8,47260495	-0,063	0,316
CHR9	5951648	CHR9:5951648	SSF x LoA	-8,21414519	0,157	0,294
CHR9	5951715	CHR9:5951715	SSF x LoA	-10,3447878	-0,044	0,307
CHR9	5951775	CHR9:5951775	SSF x LoA	-7,04925552	-0,101	0,301
CHR9	5951796	CHR9:5951796	SSF x LoA	-10,4663817	0,047	0,305
CHR9	5951801	CHR9:5951801	SSF x LoA	-10,7501571	-0,027	0,322
CHR9	5951839	CHR9:5951839	SSF x LoA	-8,77051577	0,099	0,305
CHR9	5951880	CHR9:5951880	SSF x LoA	-9,60710421	0,059	0,309
CHR9	5951915	CHR9:5951915	SSF x LoA	-6,12078377	-0,152	0,309
CHR9	5951918	CHR9:5951918	SSF x LoA	-10,5484329	-0,047	0,311
CHR9	5951940	CHR9:5951940	SSF x LoA	-10,0399014	0,064	0,294
CHR9	5951947	CHR9:5951947	SSF x LoA	-10,176314	0,078	0,315
CHR9	5951953	CHR9:5951953	SSF x LoA	-6,5847349	-0,115	0,306
CHR9	5951971	CHR9:5951971	SSF x LoA	-7,46279063	-0,108	0,312
CHR9	5951974	CHR9:5951974	SSF x LoA	-7,87124669	-0,004	0,305
CHR9	5951984	CHR9:5951984	SSF x LoA	-1,09412327	-0,119	0,311
CHR9	5951987	CHR9:5951987	SSF x LoA	-8,06029212	-0,123	0,310
CHR9	5952004	CHR9:5952004	SSF x LoA	-8,75802363	-0,138	0,285
CHR9	5952031	CHR9:5952031	SSF x LoA	-10,1598294	0,051	0,307
CHR9	5957344	CHR9:5957344	SSF x LoA	-9,62377394	-0,072	0,302
CHR9	5960754	CHR9:5960754	SSF x LoA	-9,20432815	-0,008	0,313
CHR9	5960913	CHR9:5960913	SSF x LoA	-11,6031605	-0,087	0,304
CHR9	5960930	CHR9:5960930	SSF x LoA	-8,86532192	0,101	0,288
CHR9	5960951	CHR9:5960951	SSF x LoA	-7,8134111	0,124	0,306
CHR9	5967390	CHR9:5967390	SSF x LoA	-8,94778054	-0,032	0,307
CHR9	5970569	CHR9:5970569	SSF x LoA	-9,00864208	-0,004	0,319
CHR9	5970617	CHR9:5970617	SSF x LoA	-9,24318888	-0,044	0,322
CHR9	5970707	CHR9:5970707	SSF x LoA	-11,2902784	-0,014	0,300
CHR9	5970720	CHR9:5970720	SSF x LoA	-8,15306976	0,046	0,299
CHR9	5970756	CHR9:5970756	SSF x LoA	-8,57624723	-0,009	0,304
CHR9	5970787	CHR9:5970787	SSF x LoA	-8,45533492	0,010	0,317
CHR9	5970788	CHR9:5970788	SSF x LoA	-9,09081858	-0,041	0,313
CHR9	5976159	CHR9:5976159	SSF x LoA	-9,79351015	-0,104	0,312
CHR9	5976166	CHR9:5976166	SSF x LoA	-8,76859309	-0,097	0,314
CHR9	5976229	CHR9:5976229	SSF x LoA	-10,7009187	0,051	0,292
CHR9	5988754	CHR9:5988754	SSF x LoA	-8,15166639	0,061	0,293
CHR9	5988856	CHR9:5988856	SSF x LoA	-10,694049	0,019	0,300
CHR9	5988955	CHR9:5988955	SSF x LoA	-10,9819594	-0,023	0,305

CHR9	5990638	CHR9:5990638	SSF x LoA	-9,38718982	0,112	0,302
CHR9	5990728	CHR9:5990728	SSF x LoA	-9,37844015	0,063	0,311
CHR9	5990752	CHR9:5990752	SSF x LoA	-8,20448447	0,099	0,309
CHR9	5990776	CHR9:5990776	SSF x LoA	-9,36030616	-0,030	0,319
CHR9	5998565	CHR9:5998565	SSF x LoA	-9,61336957	-0,044	0,317
CHR9	6006283	CHR9:6006283	SSF x LoA	-11,0465295	-0,017	0,310
CHR9	6006285	CHR9:6006285	SSF x LoA	-10,8996121	-0,027	0,305
CHR9	6006319	CHR9:6006319	SSF x LoA	-6,81718899	0,085	0,302
CHR9	6011300	CHR9:6011300	SSF x LoA	-7,80879871	0,044	0,311
CHR9	6011324	CHR9:6011324	SSF x LoA	-10,574535	0,008	0,304
CHR9	6011437	CHR9:6011437	SSF x LoA	-11,3123022	0,049	0,298
CHR9	6011525	CHR9:6011525	SSF x LoA	-10,5542854	-0,007	0,306
CHR9	6017577	CHR9:6017577	SSF x LoA	-10,8707283	-0,094	0,297
CHR9	6017608	CHR9:6017608	SSF x LoA	-10,5994607	-0,012	0,309
CHR9	6017646	CHR9:6017646	SSF x LoA	-10,7001285	-0,100	0,296
CHR9	6017670	CHR9:6017670	SSF x LoA	-9,73394169	-0,119	0,298
CHR9	6023080	CHR9:6023080	SSF x LoA	-8,9474834	-0,036	0,309
CHR9	6023105	CHR9:6023105	SSF x LoA	-7,69235027	-0,129	0,303
CHR9	6026519	CHR9:6026519	SSF x LoA	-11,1298287	-0,067	0,307
CHR9	6026545	CHR9:6026545	SSF x LoA	-11,0982892	0,054	0,312
CHR9	6031576	CHR9:6031576	SSF x LoA	-10,8905945	-0,101	0,295
CHR9	6031589	CHR9:6031589	SSF x LoA	-8,01616254	-0,149	0,312
CHR9	6031645	CHR9:6031645	SSF x LoA	-5,2339581	-0,029	0,315
CHR9	6031660	CHR9:6031660	SSF x LoA	-11,3333772	-0,112	0,297
CHR9	6031684	CHR9:6031684	SSF x LoA	-11,2515483	-0,088	0,300
CHR9	6031735	CHR9:6031735	SSF x LoA	-9,32845529	-0,086	0,310
CHR9	6031759	CHR9:6031759	SSF x LoA	-9,91678788	0,099	0,305
CHR9	6031780	CHR9:6031780	SSF x LoA	-9,86482545	-0,035	0,304
CHR9	6031786	CHR9:6031786	SSF x LoA	-8,41143453	-0,034	0,311
CHR9	6048426	CHR9:6048426	SSF x LoA	-7,7951253	0,040	0,303
CHR9	6052869	CHR9:6052869	SSF x LoA	-11,2972172	0,092	0,307
CHR9	6052872	CHR9:6052872	SSF x LoA	-10,7165144	-0,045	0,305
CHR9	6052873	CHR9:6052873	SSF x LoA	-9,19384911	-0,036	0,304
CHR9	6056503	CHR9:6056503	SSF x LoA	-8,34027414	-0,007	0,316
CHR9	6056540	CHR9:6056540	SSF x LoA	-10,9861371	-0,136	0,299
CHR9	6056642	CHR9:6056642	SSF x LoA	-9,25512683	0,035	0,321
CHR9	6056646	CHR9:6056646	SSF x LoA	-9,96909503	0,003	0,310
CHR9	6056652	CHR9:6056652	SSF x LoA	-9,03554079	0,069	0,320
CHR9	6056672	CHR9:6056672	SSF x LoA	-4,23575359	0,173	0,295
CHR9	6056739	CHR9:6056739	SSF x LoA	-10,735827	-0,038	0,319
CHR9	6058761	CHR9:6058761	SSF x LoA	-8,35615415	0,022	0,301
CHR9	6058767	CHR9:6058767	SSF x LoA	-9,53431511	-0,118	0,299
CHR9	6058843	CHR9:6058843	SSF x LoA	-6,55882774	-0,195	0,292
CHR9	608067	CHR9:608067	SSF x LoA	-10,2981792	0,055	0,307
CHR9	6085472	CHR9:6085472	SSF x LoA	-11,6330005	-0,058	0,304
CHR9	6085686	CHR9:6085686	SSF x LoA	-8,60241452	0,061	0,320
CHR9	609018	CHR9:609018	SSF x LoA	-7,52373347	0,043	0,287
CHR9	609063	CHR9:609063	SSF x LoA	-9,54811914	0,049	0,311
CHR9	6092314	CHR9:6092314	SSF x LoA	-9,50444913	-0,001	0,312
CHR9	6092318	CHR9:6092318	SSF x LoA	-9,13255187	-0,001	0,308
CHR9	6099296	CHR9:6099296	SSF x LoA	-9,87994209	-0,008	0,287
CHR9	6099335	CHR9:6099335	SSF x LoA	-9,28151342	0,115	0,298
CHR9	6099382	CHR9:6099382	SSF x LoA	-9,49415779	0,114	0,306

CHR9	6099393	CHR9:6099393	SSF x LoA	-8,77245748	0,140	0,295
CHR9	6099420	CHR9:6099420	SSF x LoA	8,43973686	-0,038	0,316
CHR9	6099448	CHR9:6099448	SSF x LoA	-8,46243231	-0,005	0,298
CHR9	6099463	CHR9:6099463	SSF x LoA	-7,52830195	0,204	0,302
CHR9	6100990	CHR9:6100990	SSF x LoA	-11,2395858	-0,001	0,316
CHR9	6113758	CHR9:6113758	SSF x LoA	-9,71828364	0,047	0,303
CHR9	6121119	CHR9:6121119	SSF x LoA	-6,85245755	0,037	0,317
CHR9	6121155	CHR9:6121155	SSF x LoA	-9,64003678	0,053	0,309
CHR9	6121158	CHR9:6121158	SSF x LoA	-8,85731522	0,014	0,318
CHR9	6125137	CHR9:6125137	SSF x LoA	-11,8638274	-0,004	0,304
CHR9	6127646	CHR9:6127646	SSF x LoA	-4,11550565	0,075	0,311
CHR9	6127649	CHR9:6127649	SSF x LoA	-8,95091377	0,078	0,309
CHR9	6127709	CHR9:6127709	SSF x LoA	-11,2799488	0,088	0,302
CHR9	6127811	CHR9:6127811	SSF x LoA	-12,1737784	-0,007	0,298
CHR9	6137818	CHR9:6137818	SSF x LoA	-9,47110786	-0,089	0,311
CHR9	6137831	CHR9:6137831	SSF x LoA	-8,73679167	-0,057	0,314
CHR9	6137877	CHR9:6137877	SSF x LoA	-9,4959737	-0,014	0,314
CHR9	6139548	CHR9:6139548	SSF x LoA	-10,4090388	-0,056	0,304
CHR9	6153480	CHR9:6153480	SSF x LoA	-12,0396909	-0,019	0,298
CHR9	6153551	CHR9:6153551	SSF x LoA	-9,24013772	0,044	0,300
CHR9	6153578	CHR9:6153578	SSF x LoA	-9,00613593	-0,009	0,296
CHR9	6153800	CHR9:6153800	SSF x LoA	-7,60159323	0,007	0,292
CHR9	6166114	CHR9:6166114	SSF x LoA	-8,7219335	0,086	0,293
CHR9	6166141	CHR9:6166141	SSF x LoA	-7,71393502	-0,021	0,322
CHR9	6166178	CHR9:6166178	SSF x LoA	-9,9013207	0,081	0,308
CHR9	6169708	CHR9:6169708	SSF x LoA	-9,21467295	0,042	0,287
CHR9	6186861	CHR9:6186861	SSF x LoA	-10,3759495	-0,048	0,313
CHR9	6186873	CHR9:6186873	SSF x LoA	-8,87779147	-0,045	0,319
CHR9	6186886	CHR9:6186886	SSF x LoA	-10,767165	-0,041	0,307
CHR9	6188625	CHR9:6188625	SSF x LoA	-11,6893797	-0,008	0,297
CHR9	6191577	CHR9:6191577	SSF x LoA	-8,64992227	0,037	0,319
CHR9	6198113	CHR9:6198113	SSF x LoA	-8,86891934	-0,047	0,314
CHR9	6198149	CHR9:6198149	SSF x LoA	-9,10707446	-0,030	0,315
CHR9	6198157	CHR9:6198157	SSF x LoA	-9,08493931	0,121	0,317
CHR9	6198240	CHR9:6198240	SSF x LoA	-8,65307598	-0,067	0,325
CHR9	6200884	CHR9:6200884	SSF x LoA	-9,31407068	0,011	0,320
CHR9	6201175	CHR9:6201175	SSF x LoA	-8,21032272	0,003	0,300
CHR9	6211292	CHR9:6211292	SSF x LoA	-8,69129494	-0,001	0,322
CHR9	6211981	CHR9:6211981	SSF x LoA	-8,62494624	0,119	0,279
CHR9	6216581	CHR9:6216581	SSF x LoA	-9,32976201	0,112	0,313
CHR9	6216611	CHR9:6216611	SSF x LoA	-8,44759431	-0,054	0,307
CHR9	6219122	CHR9:6219122	SSF x LoA	-4,34786233	0,195	0,294
CHR9	6219168	CHR9:6219168	SSF x LoA	-9,19741226	-0,093	0,298
CHR9	6219170	CHR9:6219170	SSF x LoA	-9,00116814	-0,059	0,319
CHR9	6219239	CHR9:6219239	SSF x LoA	-9,58166999	0,083	0,296
CHR9	623429	CHR9:623429	SSF x LoA	-9,65115646	0,034	0,304
CHR9	6245322	CHR9:6245322	SSF x LoA	-10,0470951	-0,084	0,311
CHR9	6245373	CHR9:6245373	SSF x LoA	-8,80871828	0,116	0,314
CHR9	6245496	CHR9:6245496	SSF x LoA	-8,71771366	0,005	0,316
CHR9	6251805	CHR9:6251805	SSF x LoA	-9,87063969	0,038	0,305
CHR9	6251865	CHR9:6251865	SSF x LoA	-9,68544508	-0,138	0,306
CHR9	6251912	CHR9:6251912	SSF x LoA	-8,54727265	0,059	0,315
CHR9	6252020	CHR9:6252020	SSF x LoA	-8,69416884	0,040	0,306

CHR9	6253423	CHR9:6253423	SSF x LoA	-12,1856976	-0,046	0,304
CHR9	6253424	CHR9:6253424	SSF x LoA	-10,2936758	-0,005	0,306
CHR9	6255656	CHR9:6255656	SSF x LoA	-9,79668224	-0,053	0,312
CHR9	6255749	CHR9:6255749	SSF x LoA	-11,8504556	0,031	0,306
CHR9	6255755	CHR9:6255755	SSF x LoA	-5,62643578	0,123	0,316
CHR9	6255796	CHR9:6255796	SSF x LoA	-12,3174511	0,007	0,311
CHR9	6255824	CHR9:6255824	SSF x LoA	-10,4643824	0,023	0,314
CHR9	6255844	CHR9:6255844	SSF x LoA	-5,24440415	-0,192	0,310
CHR9	6260636	CHR9:6260636	SSF x LoA	-7,33002386	-0,129	0,281
CHR9	6260691	CHR9:6260691	SSF x LoA	-11,0904072	0,017	0,308
CHR9	6260696	CHR9:6260696	SSF x LoA	-6,28661276	-0,101	0,313
CHR9	6260796	CHR9:6260796	SSF x LoA	-8,7943738	0,120	0,288
CHR9	6260851	CHR9:6260851	SSF x LoA	-7,37364528	-0,117	0,306
CHR9	6275339	CHR9:6275339	SSF x LoA	-3,77991277	0,031	0,323
CHR9	6288707	CHR9:6288707	SSF x LoA	-6,31126204	-0,099	0,318
CHR9	6297613	CHR9:6297613	SSF x LoA	-8,18491875	0,037	0,303
CHR9	6297672	CHR9:6297672	SSF x LoA	-10,4227033	0,002	0,320
CHR9	6298318	CHR9:6298318	SSF x LoA	-11,2267229	0,062	0,307
CHR9	6303642	CHR9:6303642	SSF x LoA	-7,50246433	-0,036	0,311
CHR9	6303654	CHR9:6303654	SSF x LoA	-9,70427587	-0,021	0,308
CHR9	6320206	CHR9:6320206	SSF x LoA	-10,4856416	0,013	0,307
CHR9	6320215	CHR9:6320215	SSF x LoA	-8,10034959	0,024	0,314
CHR9	6320250	CHR9:6320250	SSF x LoA	-9,89662823	0,047	0,294
CHR9	6320264	CHR9:6320264	SSF x LoA	-9,77808875	-0,015	0,308
CHR9	6320299	CHR9:6320299	SSF x LoA	-7,55535307	-0,020	0,304
CHR9	6320311	CHR9:6320311	SSF x LoA	-8,99763761	0,073	0,308
CHR9	6320312	CHR9:6320312	SSF x LoA	-9,3348607	0,037	0,306
CHR9	6320313	CHR9:6320313	SSF x LoA	-9,32992855	-0,045	0,305
CHR9	6320323	CHR9:6320323	SSF x LoA	-10,2866401	0,049	0,298
CHR9	6320415	CHR9:6320415	SSF x LoA	-7,90579483	0,064	0,298
CHR9	6322575	CHR9:6322575	SSF x LoA	-7,95019225	0,008	0,325
CHR9	6322613	CHR9:6322613	SSF x LoA	-9,42711284	-0,017	0,302
CHR9	6332028	CHR9:6332028	SSF x LoA	-7,61580961	0,093	0,305
CHR9	6332597	CHR9:6332597	SSF x LoA	-11,799105	-0,028	0,301
CHR9	6332627	CHR9:6332627	SSF x LoA	-9,49903785	0,027	0,312
CHR9	6332630	CHR9:6332630	SSF x LoA	-8,85915095	-0,003	0,316
CHR9	6360510	CHR9:6360510	SSF x LoA	-9,76595302	-0,076	0,291
CHR9	6379355	CHR9:6379355	SSF x LoA	-6,81040391	0,103	0,314
CHR9	6436679	CHR9:6436679	SSF x LoA	-8,99321164	0,036	0,313
CHR9	6436693	CHR9:6436693	SSF x LoA	-10,8749685	-0,013	0,294
CHR9	6436725	CHR9:6436725	SSF x LoA	-3,14166154	0,095	0,311
CHR9	6436770	CHR9:6436770	SSF x LoA	-9,50989831	-0,011	0,311
CHR9	6436940	CHR9:6436940	SSF x LoA	-8,95168427	0,009	0,322
CHR9	6438051	CHR9:6438051	SSF x LoA	-9,52147249	-0,097	0,303
CHR9	6439114	CHR9:6439114	SSF x LoA	-10,2278357	0,119	0,305
CHR9	6439210	CHR9:6439210	SSF x LoA	-9,31036135	-0,007	0,310
CHR9	6442032	CHR9:6442032	SSF x LoA	-9,76691341	-0,022	0,307
CHR9	6450160	CHR9:6450160	SSF x LoA	-8,45208228	-0,113	0,281
CHR9	6457131	CHR9:6457131	SSF x LoA	-7,93729637	-0,132	0,299
CHR9	6457172	CHR9:6457172	SSF x LoA	-5,73725469	0,141	0,311
CHR9	6457227	CHR9:6457227	SSF x LoA	-9,74277494	0,020	0,312
CHR9	6470907	CHR9:6470907	SSF x LoA	-7,63512442	0,032	0,300
CHR9	6470910	CHR9:6470910	SSF x LoA	-7,84785075	0,019	0,326

CHR9	6470922	CHR9:6470922	SSF x LoA	-10,6270309	-0,062	0,296
CHR9	6470923	CHR9:6470923	SSF x LoA	-11,2511979	-0,060	0,309
CHR9	6471007	CHR9:6471007	SSF x LoA	-8,21132475	0,051	0,311
CHR9	6471043	CHR9:6471043	SSF x LoA	-6,72910012	-0,122	0,312
CHR9	6471067	CHR9:6471067	SSF x LoA	-8,80679586	0,067	0,323
CHR9	6471112	CHR9:6471112	SSF x LoA	-9,11980555	0,032	0,297
CHR9	6476038	CHR9:6476038	SSF x LoA	-9,11704936	-0,128	0,310
CHR9	6476046	CHR9:6476046	SSF x LoA	-6,32753582	-0,104	0,296
CHR9	6476056	CHR9:6476056	SSF x LoA	-10,7242176	0,089	0,300
CHR9	6476062	CHR9:6476062	SSF x LoA	-9,49672542	-0,114	0,304
CHR9	6476085	CHR9:6476085	SSF x LoA	-8,02324696	-0,181	0,294
CHR9	6476131	CHR9:6476131	SSF x LoA	-7,31396961	-0,115	0,291
CHR9	6476133	CHR9:6476133	SSF x LoA	-8,48054467	-0,128	0,293
CHR9	6476153	CHR9:6476153	SSF x LoA	-8,08775716	0,086	0,308
CHR9	6488820	CHR9:6488820	SSF x LoA	-10,5142762	0,050	0,319
CHR9	6488878	CHR9:6488878	SSF x LoA	-7,91804963	0,135	0,292
CHR9	6488879	CHR9:6488879	SSF x LoA	-10,4231129	-0,005	0,310
CHR9	6488950	CHR9:6488950	SSF x LoA	-8,75207203	-0,021	0,298
CHR9	6488993	CHR9:6488993	SSF x LoA	-8,74490274	0,123	0,312
CHR9	6492303	CHR9:6492303	SSF x LoA	-8,44922919	-0,048	0,315
CHR9	6494278	CHR9:6494278	SSF x LoA	-12,2153846	0,004	0,304
CHR9	6502007	CHR9:6502007	SSF x LoA	-4,01598748	-0,009	0,315
CHR9	6502204	CHR9:6502204	SSF x LoA	-8,83080721	0,101	0,299
CHR9	6502216	CHR9:6502216	SSF x LoA	-6,15290961	0,133	0,290
CHR9	6502331	CHR9:6502331	SSF x LoA	-8,09406298	0,106	0,304
CHR9	6504148	CHR9:6504148	SSF x LoA	-7,036783	-0,100	0,297
CHR9	6506289	CHR9:6506289	SSF x LoA	-8,25950818	-0,152	0,299
CHR9	6506369	CHR9:6506369	SSF x LoA	-6,24231903	-0,140	0,302
CHR9	6506382	CHR9:6506382	SSF x LoA	-7,83273407	0,161	0,297
CHR9	6506407	CHR9:6506407	SSF x LoA	-8,00246085	-0,023	0,306
CHR9	6509272	CHR9:6509272	SSF x LoA	-10,8832326	0,019	0,318
CHR9	6509285	CHR9:6509285	SSF x LoA	-7,8258978	0,129	0,304
CHR9	6509289	CHR9:6509289	SSF x LoA	-6,24720181	0,184	0,303
CHR9	6509293	CHR9:6509293	SSF x LoA	-5,26419624	0,182	0,301
CHR9	6509429	CHR9:6509429	SSF x LoA	-6,45754534	0,160	0,292
CHR9	6529130	CHR9:6529130	SSF x LoA	-8,49782144	-0,066	0,324
CHR9	6529136	CHR9:6529136	SSF x LoA	-7,73731044	-0,030	0,315
CHR9	6529220	CHR9:6529220	SSF x LoA	-9,34231898	-0,030	0,320
CHR9	6529276	CHR9:6529276	SSF x LoA	-10,0082919	0,144	0,308
CHR9	6529361	CHR9:6529361	SSF x LoA	-9,86267038	0,087	0,292
CHR9	653250	CHR9:653250	SSF x LoA	-7,87972277	-0,053	0,313
CHR9	6541690	CHR9:6541690	SSF x LoA	-9,71576014	-0,070	0,302
CHR9	6541787	CHR9:6541787	SSF x LoA	-9,13781093	0,063	0,302
CHR9	6568063	CHR9:6568063	SSF x LoA	-7,48348016	0,014	0,309
CHR9	6568065	CHR9:6568065	SSF x LoA	-9,14542764	-0,017	0,324
CHR9	6573008	CHR9:6573008	SSF x LoA	-10,8256404	0,120	0,293
CHR9	6573136	CHR9:6573136	SSF x LoA	-10,8075307	0,031	0,311
CHR9	6586975	CHR9:6586975	SSF x LoA	-11,105463	0,044	0,293
CHR9	6586981	CHR9:6586981	SSF x LoA	-6,57286663	0,035	0,308
CHR9	6621047	CHR9:6621047	SSF x LoA	-9,55975179	0,016	0,317
CHR9	6625917	CHR9:6625917	SSF x LoA	-9,04001539	0,056	0,295
CHR9	6625952	CHR9:6625952	SSF x LoA	-9,30316141	0,049	0,300
CHR9	6625957	CHR9:6625957	SSF x LoA	-8,73560001	0,049	0,306

CHR9	6626077	CHR9:6626077	SSF x LoA	-7,50817339	0,065	0,325
CHR9	6639022	CHR9:6639022	SSF x LoA	-10,646785	-0,023	0,309
CHR9	6639043	CHR9:6639043	SSF x LoA	-9,26516034	-0,014	0,315
CHR9	6639117	CHR9:6639117	SSF x LoA	-11,3747642	-0,019	0,306
CHR9	6639141	CHR9:6639141	SSF x LoA	-11,4864506	0,067	0,297
CHR9	6639161	CHR9:6639161	SSF x LoA	-9,04840036	0,071	0,300
CHR9	6642970	CHR9:6642970	SSF x LoA	-5,87510093	-0,097	0,303
CHR9	6647689	CHR9:6647689	SSF x LoA	-9,19262724	-0,033	0,304
CHR9	6647794	CHR9:6647794	SSF x LoA	-8,43312155	0,019	0,306
CHR9	6647855	CHR9:6647855	SSF x LoA	-10,6136832	-0,010	0,313
CHR9	6647881	CHR9:6647881	SSF x LoA	-11,9695808	0,011	0,290
CHR9	6658457	CHR9:6658457	SSF x LoA	-7,54214416	0,125	0,309
CHR9	6664066	CHR9:6664066	SSF x LoA	-10,8043805	-0,029	0,306
CHR9	6664172	CHR9:6664172	SSF x LoA	-2,20701737	-0,099	0,312
CHR9	6664176	CHR9:6664176	SSF x LoA	-8,90714728	0,085	0,307
CHR9	6664188	CHR9:6664188	SSF x LoA	-6,89476437	0,104	0,320
CHR9	6667479	CHR9:6667479	SSF x LoA	-9,26515694	-0,073	0,313
CHR9	6667498	CHR9:6667498	SSF x LoA	-9,80971068	0,059	0,304
CHR9	6667532	CHR9:6667532	SSF x LoA	-4,85045415	0,000	0,321
CHR9	6673770	CHR9:6673770	SSF x LoA	-8,14576129	-0,035	0,313
CHR9	6673779	CHR9:6673779	SSF x LoA	-11,1946818	-0,015	0,314
CHR9	6673862	CHR9:6673862	SSF x LoA	-8,87759663	-0,001	0,308
CHR9	6673910	CHR9:6673910	SSF x LoA	-11,3442117	0,005	0,317
CHR9	6673995	CHR9:6673995	SSF x LoA	-7,76868369	0,012	0,303
CHR9	6674021	CHR9:6674021	SSF x LoA	-8,31377409	0,066	0,313
CHR9	6674038	CHR9:6674038	SSF x LoA	-8,38488752	-0,070	0,305
CHR9	667606	CHR9:667606	SSF x LoA	-11,3552854	0,118	0,302
CHR9	667701	CHR9:667701	SSF x LoA	-10,4713464	0,025	0,287
CHR9	6686735	CHR9:6686735	SSF x LoA	-9,69912257	0,031	0,310
CHR9	6686772	CHR9:6686772	SSF x LoA	-8,83206896	0,037	0,312
CHR9	6686787	CHR9:6686787	SSF x LoA	-8,72919911	-0,021	0,314
CHR9	6686791	CHR9:6686791	SSF x LoA	-11,8583046	0,067	0,302
CHR9	6686821	CHR9:6686821	SSF x LoA	-11,7684512	0,065	0,299
CHR9	6686847	CHR9:6686847	SSF x LoA	-9,10939427	0,022	0,323
CHR9	6692511	CHR9:6692511	SSF x LoA	-3,46214621	-0,042	0,307
CHR9	6696412	CHR9:6696412	SSF x LoA	-11,0636526	-0,058	0,320
CHR9	6696437	CHR9:6696437	SSF x LoA	-11,3508339	0,023	0,293
CHR9	6696458	CHR9:6696458	SSF x LoA	-9,16599605	0,054	0,302
CHR9	6734023	CHR9:6734023	SSF x LoA	-9,1291545	0,010	0,307
CHR9	6741465	CHR9:6741465	SSF x LoA	-6,7213442	-0,081	0,314
CHR9	6742006	CHR9:6742006	SSF x LoA	-1,7523192	-0,199	0,300
CHR9	6742033	CHR9:6742033	SSF x LoA	-5,65270911	-0,141	0,307
CHR9	6748223	CHR9:6748223	SSF x LoA	-4,13943175	0,083	0,303
CHR9	6748287	CHR9:6748287	SSF x LoA	-7,89896126	0,061	0,308
CHR9	6750295	CHR9:6750295	SSF x LoA	-2,66672894	0,034	0,318
CHR9	6750388	CHR9:6750388	SSF x LoA	-9,77945439	-0,102	0,297
CHR9	6766565	CHR9:6766565	SSF x LoA	-7,04186242	0,048	0,320
CHR9	6775236	CHR9:6775236	SSF x LoA	-9,71536913	0,099	0,301
CHR9	6782413	CHR9:6782413	SSF x LoA	-9,5246454	0,119	0,317
CHR9	6788252	CHR9:6788252	SSF x LoA	-8,28178022	0,092	0,313
CHR9	6788329	CHR9:6788329	SSF x LoA	-6,63151197	0,059	0,297
CHR9	6798219	CHR9:6798219	SSF x LoA	-8,69115781	0,060	0,293
CHR9	6798223	CHR9:6798223	SSF x LoA	-8,50719495	-0,027	0,314

CHR9	6798236	CHR9:6798236	SSF x LoA	-5,05616029	0,115	0,300
CHR9	6798336	CHR9:6798336	SSF x LoA	-8,3620122	-0,080	0,329
CHR9	6798443	CHR9:6798443	SSF x LoA	-9,50881227	0,024	0,310
CHR9	6798444	CHR9:6798444	SSF x LoA	-9,14332772	0,045	0,311
CHR9	6801411	CHR9:6801411	SSF x LoA	-10,8279888	0,054	0,309
CHR9	6801513	CHR9:6801513	SSF x LoA	-9,10685898	0,062	0,303
CHR9	6802660	CHR9:6802660	SSF x LoA	-8,02622237	-0,027	0,310
CHR9	6802739	CHR9:6802739	SSF x LoA	-9,91232223	-0,060	0,304
CHR9	6802838	CHR9:6802838	SSF x LoA	-10,5233728	0,043	0,310
CHR9	6802999	CHR9:6802999	SSF x LoA	-11,5874508	0,040	0,304
CHR9	6813289	CHR9:6813289	SSF x LoA	-11,206545	0,037	0,312
CHR9	6821582	CHR9:6821582	SSF x LoA	-10,7056879	-0,117	0,310
CHR9	6821638	CHR9:6821638	SSF x LoA	-9,62857448	-0,002	0,314
CHR9	6821646	CHR9:6821646	SSF x LoA	-9,18528864	-0,120	0,299
CHR9	6821649	CHR9:6821649	SSF x LoA	-7,36322749	0,052	0,315
CHR9	6821653	CHR9:6821653	SSF x LoA	-9,40575908	0,028	0,317
CHR9	6821674	CHR9:6821674	SSF x LoA	-6,10949923	0,012	0,318
CHR9	6821680	CHR9:6821680	SSF x LoA	2,38751901	-0,160	0,299
CHR9	6821693	CHR9:6821693	SSF x LoA	-8,92742825	0,121	0,299
CHR9	6831281	CHR9:6831281	SSF x LoA	-9,44574492	0,109	0,301
CHR9	6833222	CHR9:6833222	SSF x LoA	-11,1338506	-0,044	0,308
CHR9	6833227	CHR9:6833227	SSF x LoA	5,80770383	-0,159	0,302
CHR9	6833240	CHR9:6833240	SSF x LoA	-11,1270941	-0,037	0,276
CHR9	6833315	CHR9:6833315	SSF x LoA	-8,5137314	-0,011	0,305
CHR9	6833317	CHR9:6833317	SSF x LoA	-9,24608942	0,043	0,301
CHR9	6833406	CHR9:6833406	SSF x LoA	-8,89420691	-0,013	0,297
CHR9	684435	CHR9:684435	SSF x LoA	-8,61629294	0,024	0,310
CHR9	684472	CHR9:684472	SSF x LoA	-9,5921229	-0,035	0,312
CHR9	6846128	CHR9:6846128	SSF x LoA	-6,60335592	-0,116	0,298
CHR9	6846202	CHR9:6846202	SSF x LoA	-10,8255263	-0,099	0,294
CHR9	6846463	CHR9:6846463	SSF x LoA	-9,96325537	-0,048	0,304
CHR9	685944	CHR9:685944	SSF x LoA	-9,39869697	-0,065	0,305
CHR9	6863735	CHR9:6863735	SSF x LoA	-9,80484488	-0,007	0,296
CHR9	6863750	CHR9:6863750	SSF x LoA	-7,35601967	-0,076	0,313
CHR9	6878388	CHR9:6878388	SSF x LoA	-10,8898108	-0,065	0,312
CHR9	6878405	CHR9:6878405	SSF x LoA	-8,45976064	0,035	0,303
CHR9	6878443	CHR9:6878443	SSF x LoA	-9,33085654	-0,003	0,312
CHR9	6891612	CHR9:6891612	SSF x LoA	-10,3024515	-0,013	0,328
CHR9	6891621	CHR9:6891621	SSF x LoA	-8,8893893	-0,045	0,318
CHR9	6891664	CHR9:6891664	SSF x LoA	-10,4956438	0,056	0,303
CHR9	6913492	CHR9:6913492	SSF x LoA	-10,6053322	0,135	0,310
CHR9	6913500	CHR9:6913500	SSF x LoA	-8,94377731	0,019	0,311
CHR9	6913537	CHR9:6913537	SSF x LoA	-11,5549508	-0,053	0,306
CHR9	6913641	CHR9:6913641	SSF x LoA	-7,69016454	0,106	0,302
CHR9	6913655	CHR9:6913655	SSF x LoA	-9,48178782	0,145	0,302
CHR9	6918012	CHR9:6918012	SSF x LoA	-8,38984784	-0,003	0,306
CHR9	6918236	CHR9:6918236	SSF x LoA	-10,5859718	-0,068	0,302
CHR9	6924644	CHR9:6924644	SSF x LoA	-9,05463571	0,014	0,315
CHR9	6924678	CHR9:6924678	SSF x LoA	-10,3724195	-0,042	0,295
CHR9	693144	CHR9:693144	SSF x LoA	-10,9801885	0,018	0,303
CHR9	693372	CHR9:693372	SSF x LoA	-10,5508273	-0,090	0,309
CHR9	693450	CHR9:693450	SSF x LoA	-6,34054213	-0,090	0,308
CHR9	6935251	CHR9:6935251	SSF x LoA	-8,5586211	0,095	0,297

CHR9	6935285	CHR9:6935285	SSF x LoA	-7,61425384	-0,040	0,319
CHR9	6936595	CHR9:6936595	SSF x LoA	-9,8871957	-0,030	0,316
CHR9	6943876	CHR9:6943876	SSF x LoA	-9,56200521	-0,061	0,303
CHR9	6943900	CHR9:6943900	SSF x LoA	-5,07340234	-0,015	0,316
CHR9	6943922	CHR9:6943922	SSF x LoA	-8,80744568	-0,147	0,294
CHR9	6945624	CHR9:6945624	SSF x LoA	-9,77125113	-0,083	0,297
CHR9	6945686	CHR9:6945686	SSF x LoA	15,0206602	-0,161	0,302
CHR9	6945688	CHR9:6945688	SSF x LoA	-11,0955282	0,039	0,305
CHR9	6945815	CHR9:6945815	SSF x LoA	-8,57244971	0,093	0,302
CHR9	6945818	CHR9:6945818	SSF x LoA	-7,29373759	0,136	0,290
CHR9	6961607	CHR9:6961607	SSF x LoA	-7,59185143	0,000	0,310
CHR9	6961653	CHR9:6961653	SSF x LoA	-8,7869445	0,123	0,311
CHR9	6967650	CHR9:6967650	SSF x LoA	-9,47933954	-0,047	0,318
CHR9	6973372	CHR9:6973372	SSF x LoA	-10,7308869	-0,034	0,291
CHR9	6973832	CHR9:6973832	SSF x LoA	-8,83465969	0,036	0,315
CHR9	6975510	CHR9:6975510	SSF x LoA	-10,3123079	0,058	0,285
CHR9	6975886	CHR9:6975886	SSF x LoA	-11,0835984	-0,009	0,310
CHR9	6975902	CHR9:6975902	SSF x LoA	-11,1883773	-0,087	0,309
CHR9	6982050	CHR9:6982050	SSF x LoA	-7,93355797	-0,055	0,319
CHR9	6982287	CHR9:6982287	SSF x LoA	-8,67693156	-0,080	0,293
CHR9	6986446	CHR9:6986446	SSF x LoA	-11,421491	-0,011	0,305
CHR9	6986540	CHR9:6986540	SSF x LoA	-10,0249375	0,066	0,303
CHR9	6986596	CHR9:6986596	SSF x LoA	-7,57158761	-0,008	0,314
CHR9	6986713	CHR9:6986713	SSF x LoA	-8,95014342	-0,042	0,322
CHR9	6989492	CHR9:6989492	SSF x LoA	-8,43810529	-0,092	0,314
CHR9	6989538	CHR9:6989538	SSF x LoA	-10,6296908	0,071	0,289
CHR9	6989578	CHR9:6989578	SSF x LoA	-0,3058244	0,075	0,307
CHR9	6989596	CHR9:6989596	SSF x LoA	-11,3174631	-0,026	0,307
CHR9	6989630	CHR9:6989630	SSF x LoA	-11,7846861	0,076	0,303
CHR9	6991281	CHR9:6991281	SSF x LoA	-4,99365118	-0,126	0,297
CHR9	6991501	CHR9:6991501	SSF x LoA	-10,3925937	0,062	0,305
CHR9	6998552	CHR9:6998552	SSF x LoA	-8,23538749	0,096	0,304
CHR9	6998576	CHR9:6998576	SSF x LoA	-6,0397113	-0,016	0,306
CHR9	6998652	CHR9:6998652	SSF x LoA	-8,21795891	-0,026	0,316
CHR9	6998702	CHR9:6998702	SSF x LoA	-7,97524007	0,057	0,306
CHR9	7005898	CHR9:7005898	SSF x LoA	-11,2325333	0,014	0,310
CHR9	7009362	CHR9:7009362	SSF x LoA	-5,5730082	-0,058	0,315
CHR9	7009430	CHR9:7009430	SSF x LoA	-9,31660529	0,084	0,310
CHR9	7009487	CHR9:7009487	SSF x LoA	-6,57504435	-0,134	0,314
CHR9	7009509	CHR9:7009509	SSF x LoA	-5,66276995	-0,144	0,310
CHR9	7009590	CHR9:7009590	SSF x LoA	-3,35118329	0,107	0,305
CHR9	7023915	CHR9:7023915	SSF x LoA	-8,73041545	-0,055	0,321
CHR9	7023938	CHR9:7023938	SSF x LoA	-4,35214843	-0,009	0,317
CHR9	7028819	CHR9:7028819	SSF x LoA	-10,0371003	0,121	0,302
CHR9	7029987	CHR9:7029987	SSF x LoA	-10,152914	-0,073	0,293
CHR9	7054376	CHR9:7054376	SSF x LoA	-9,05105217	-0,029	0,311
CHR9	7054504	CHR9:7054504	SSF x LoA	-2,68506369	0,109	0,311
CHR9	7054544	CHR9:7054544	SSF x LoA	-6,73517688	0,146	0,304
CHR9	7054598	CHR9:7054598	SSF x LoA	-8,96751577	-0,043	0,305
CHR9	7056795	CHR9:7056795	SSF x LoA	-8,7482007	-0,125	0,319
CHR9	7056824	CHR9:7056824	SSF x LoA	-8,31681598	-0,035	0,311
CHR9	7056930	CHR9:7056930	SSF x LoA	-10,3164687	-0,003	0,316
CHR9	7056949	CHR9:7056949	SSF x LoA	-9,49365885	0,066	0,298

CHR9	7062589	CHR9:7062589	SSF x LoA	-10,0981394	0,018	0,319
CHR9	7062644	CHR9:7062644	SSF x LoA	-9,25203735	-0,042	0,310
CHR9	7062646	CHR9:7062646	SSF x LoA	-11,2427256	0,055	0,306
CHR9	7062662	CHR9:7062662	SSF x LoA	-7,96341288	0,080	0,313
CHR9	7062767	CHR9:7062767	SSF x LoA	-9,18475521	0,033	0,295
CHR9	7065412	CHR9:7065412	SSF x LoA	-8,51133286	-0,027	0,314
CHR9	7065437	CHR9:7065437	SSF x LoA	-4,17971279	-0,058	0,305
CHR9	7065471	CHR9:7065471	SSF x LoA	-10,6959718	-0,067	0,305
CHR9	7065496	CHR9:7065496	SSF x LoA	-8,94043953	-0,017	0,307
CHR9	7065500	CHR9:7065500	SSF x LoA	-9,12571394	-0,010	0,294
CHR9	7065643	CHR9:7065643	SSF x LoA	-9,1150713	-0,014	0,303
CHR9	7071579	CHR9:7071579	SSF x LoA	-9,5468836	-0,088	0,310
CHR9	7072456	CHR9:7072456	SSF x LoA	-8,24808534	-0,089	0,306
CHR9	7072489	CHR9:7072489	SSF x LoA	-9,16246144	-0,056	0,312
CHR9	7088428	CHR9:7088428	SSF x LoA	-8,55633507	0,003	0,311
CHR9	7088546	CHR9:7088546	SSF x LoA	-9,23704973	-0,051	0,304
CHR9	7098802	CHR9:7098802	SSF x LoA	-9,24167542	-0,083	0,324
CHR9	7117844	CHR9:7117844	SSF x LoA	-8,10700119	-0,104	0,306
CHR9	7118052	CHR9:7118052	SSF x LoA	-7,3565217	0,029	0,290
CHR9	7118058	CHR9:7118058	SSF x LoA	-9,23514745	0,033	0,287
CHR9	7129385	CHR9:7129385	SSF x LoA	-5,07663254	0,029	0,317
CHR9	7129614	CHR9:7129614	SSF x LoA	-5,7948011	-0,071	0,312
CHR9	7129721	CHR9:7129721	SSF x LoA	-11,6188152	0,005	0,317
CHR9	7149458	CHR9:7149458	SSF x LoA	-8,76281204	0,040	0,312
CHR9	7149480	CHR9:7149480	SSF x LoA	-9,51326023	0,027	0,308
CHR9	7149535	CHR9:7149535	SSF x LoA	-4,65002863	-0,106	0,300
CHR9	7149551	CHR9:7149551	SSF x LoA	-3,88764382	-0,207	0,291
CHR9	7149582	CHR9:7149582	SSF x LoA	-9,20738998	-0,068	0,290
CHR9	7149933	CHR9:7149933	SSF x LoA	-9,16950638	-0,017	0,313
CHR9	7156933	CHR9:7156933	SSF x LoA	-8,12235399	-0,084	0,303
CHR9	7156946	CHR9:7156946	SSF x LoA	-9,30249955	-0,037	0,296
CHR9	7157064	CHR9:7157064	SSF x LoA	-7,38742764	0,098	0,300
CHR9	7161236	CHR9:7161236	SSF x LoA	-9,48274011	0,051	0,303
CHR9	7161404	CHR9:7161404	SSF x LoA	-11,7861279	-0,002	0,303
CHR9	7164803	CHR9:7164803	SSF x LoA	-8,01405799	0,190	0,296
CHR9	7164813	CHR9:7164813	SSF x LoA	-11,6979117	0,041	0,312
CHR9	7164833	CHR9:7164833	SSF x LoA	-9,32398118	0,175	0,302
CHR9	7164835	CHR9:7164835	SSF x LoA	-2,9085324	0,255	0,291
CHR9	7164901	CHR9:7164901	SSF x LoA	-9,1752637	-0,054	0,308
CHR9	7164913	CHR9:7164913	SSF x LoA	-8,52525861	-0,011	0,318
CHR9	7164925	CHR9:7164925	SSF x LoA	-11,0332202	0,026	0,308
CHR9	7165166	CHR9:7165166	SSF x LoA	-10,066535	0,014	0,313
CHR9	7177644	CHR9:7177644	SSF x LoA	-8,92698056	-0,065	0,305
CHR9	7177934	CHR9:7177934	SSF x LoA	-9,50514654	-0,017	0,311
CHR9	7179428	CHR9:7179428	SSF x LoA	-7,08243202	0,024	0,303
CHR9	7184379	CHR9:7184379	SSF x LoA	-8,13353688	0,006	0,306
CHR9	7184418	CHR9:7184418	SSF x LoA	-8,48650599	0,040	0,301
CHR9	7184431	CHR9:7184431	SSF x LoA	-8,31442086	-0,118	0,311
CHR9	7184432	CHR9:7184432	SSF x LoA	-9,53174948	-0,154	0,295
CHR9	7184433	CHR9:7184433	SSF x LoA	-9,72956733	-0,112	0,301
CHR9	7184436	CHR9:7184436	SSF x LoA	-8,69389294	-0,118	0,304
CHR9	7184451	CHR9:7184451	SSF x LoA	-11,0628194	0,066	0,308
CHR9	7184500	CHR9:7184500	SSF x LoA	-10,3849583	0,062	0,304

CHR9	7184501	CHR9:7184501	SSF x LoA	-5,09832804	0,074	0,326
CHR9	7184510	CHR9:7184510	SSF x LoA	-10,6375272	0,028	0,308
CHR9	7184516	CHR9:7184516	SSF x LoA	-7,74279946	0,076	0,314
CHR9	7184525	CHR9:7184525	SSF x LoA	-8,76902074	0,120	0,298
CHR9	7184526	CHR9:7184526	SSF x LoA	-10,2175961	-0,014	0,310
CHR9	7184530	CHR9:7184530	SSF x LoA	-8,58850641	-0,095	0,291
CHR9	7184544	CHR9:7184544	SSF x LoA	-8,19028537	-0,044	0,300
CHR9	7184552	CHR9:7184552	SSF x LoA	-8,90639614	-0,023	0,314
CHR9	7184562	CHR9:7184562	SSF x LoA	-7,74386236	-0,096	0,297
CHR9	7184598	CHR9:7184598	SSF x LoA	-6,91371835	0,083	0,298
CHR9	7185408	CHR9:7185408	SSF x LoA	-3,99223964	-0,205	0,291
CHR9	7185433	CHR9:7185433	SSF x LoA	-9,44155561	0,030	0,303
CHR9	7185455	CHR9:7185455	SSF x LoA	-8,37561134	0,094	0,307
CHR9	7185493	CHR9:7185493	SSF x LoA	-10,3007855	0,005	0,308
CHR9	7194317	CHR9:7194317	SSF x LoA	-9,9786704	-0,101	0,309
CHR9	7194397	CHR9:7194397	SSF x LoA	-9,96325089	0,047	0,292
CHR9	7194815	CHR9:7194815	SSF x LoA	-9,83033215	-0,085	0,309
CHR9	7194877	CHR9:7194877	SSF x LoA	-9,03535109	-0,112	0,307
CHR9	7194915	CHR9:7194915	SSF x LoA	-11,510222	-0,017	0,300
CHR9	7194919	CHR9:7194919	SSF x LoA	-12,3366429	-0,007	0,300
CHR9	7206063	CHR9:7206063	SSF x LoA	-7,32235545	-0,051	0,318
CHR9	721001	CHR9:721001	SSF x LoA	-10,8229397	0,076	0,297
CHR9	721087	CHR9:721087	SSF x LoA	-8,07565975	0,094	0,304
CHR9	7218105	CHR9:7218105	SSF x LoA	-9,05094747	-0,108	0,300
CHR9	7218110	CHR9:7218110	SSF x LoA	-8,87187478	-0,022	0,306
CHR9	7218330	CHR9:7218330	SSF x LoA	-8,41577141	0,048	0,323
CHR9	7218356	CHR9:7218356	SSF x LoA	-8,31732178	-0,179	0,295
CHR9	7219917	CHR9:7219917	SSF x LoA	-9,76244223	-0,052	0,301
CHR9	722216	CHR9:722216	SSF x LoA	-9,43750372	-0,065	0,301
CHR9	7226163	CHR9:7226163	SSF x LoA	-10,0799832	0,005	0,309
CHR9	7226175	CHR9:7226175	SSF x LoA	-9,26613095	-0,115	0,296
CHR9	7229928	CHR9:7229928	SSF x LoA	-11,0783458	0,037	0,304
CHR9	7230032	CHR9:7230032	SSF x LoA	-3,87780291	0,059	0,312
CHR9	7230052	CHR9:7230052	SSF x LoA	-9,80798531	-0,139	0,300
CHR9	7234403	CHR9:7234403	SSF x LoA	-11,0640749	0,039	0,297
CHR9	7241165	CHR9:7241165	SSF x LoA	-7,29243344	-0,016	0,296
CHR9	7241203	CHR9:7241203	SSF x LoA	-12,3561617	-0,055	0,276
CHR9	7242903	CHR9:7242903	SSF x LoA	-7,75162218	0,035	0,303
CHR9	7243002	CHR9:7243002	SSF x LoA	-11,7060872	0,013	0,303
CHR9	7243009	CHR9:7243009	SSF x LoA	-11,7621269	-0,016	0,306
CHR9	7249964	CHR9:7249964	SSF x LoA	-5,92782772	0,145	0,295
CHR9	7250100	CHR9:7250100	SSF x LoA	-4,41766063	0,148	0,303
CHR9	7250180	CHR9:7250180	SSF x LoA	-10,4508553	0,016	0,300
CHR9	7251160	CHR9:7251160	SSF x LoA	-10,2179638	0,037	0,304
CHR9	7251181	CHR9:7251181	SSF x LoA	-11,1049909	0,005	0,303
CHR9	7252735	CHR9:7252735	SSF x LoA	-8,85923953	-0,093	0,316
CHR9	7252910	CHR9:7252910	SSF x LoA	-10,5535326	-0,078	0,302
CHR9	7270053	CHR9:7270053	SSF x LoA	-8,78918347	0,011	0,310
CHR9	7270246	CHR9:7270246	SSF x LoA	-9,27118441	-0,034	0,317
CHR9	7270286	CHR9:7270286	SSF x LoA	-8,70144771	0,018	0,310
CHR9	7277780	CHR9:7277780	SSF x LoA	-7,33063642	-0,143	0,301
CHR9	7277781	CHR9:7277781	SSF x LoA	-7,62355137	0,137	0,300
CHR9	7277784	CHR9:7277784	SSF x LoA	-10,1037071	-0,068	0,296

CHR9	7277822	CHR9:7277822	SSF x LoA	-10,8619886	0,004	0,306
CHR9	7277910	CHR9:7277910	SSF x LoA	-6,55382728	0,036	0,306
CHR9	7278049	CHR9:7278049	SSF x LoA	-9,36687402	0,071	0,317
CHR9	7286786	CHR9:7286786	SSF x LoA	-8,45568913	-0,057	0,320
CHR9	728856	CHR9:728856	SSF x LoA	-10,4060578	-0,084	0,308
CHR9	728859	CHR9:728859	SSF x LoA	-8,15182892	0,013	0,297
CHR9	7290458	CHR9:7290458	SSF x LoA	-8,39530499	0,034	0,325
CHR9	7290500	CHR9:7290500	SSF x LoA	-9,15812462	0,038	0,298
CHR9	7290599	CHR9:7290599	SSF x LoA	-9,52471976	-0,083	0,308
CHR9	7290608	CHR9:7290608	SSF x LoA	-6,70662987	-0,065	0,309
CHR9	7300047	CHR9:7300047	SSF x LoA	-10,9012029	-0,065	0,300
CHR9	7300065	CHR9:7300065	SSF x LoA	-8,09126184	-0,129	0,298
CHR9	7300069	CHR9:7300069	SSF x LoA	-8,33336415	-0,111	0,288
CHR9	7300101	CHR9:7300101	SSF x LoA	-10,3110588	-0,077	0,317
CHR9	7319687	CHR9:7319687	SSF x LoA	-6,3433713	-0,105	0,298
CHR9	7319823	CHR9:7319823	SSF x LoA	-9,63148203	-0,022	0,322
CHR9	7319870	CHR9:7319870	SSF x LoA	-9,21579102	-0,033	0,312
CHR9	7323636	CHR9:7323636	SSF x LoA	-6,42391979	-0,186	0,291
CHR9	7323674	CHR9:7323674	SSF x LoA	-11,2527088	-0,050	0,306
CHR9	7323761	CHR9:7323761	SSF x LoA	-7,55581557	0,095	0,328
CHR9	7323822	CHR9:7323822	SSF x LoA	-11,4464943	0,033	0,310
CHR9	7353769	CHR9:7353769	SSF x LoA	-9,92258171	0,024	0,293
CHR9	7353820	CHR9:7353820	SSF x LoA	-6,52446837	-0,143	0,307
CHR9	7353832	CHR9:7353832	SSF x LoA	-11,2722257	-0,035	0,306
CHR9	7354837	CHR9:7354837	SSF x LoA	-4,67864328	-0,124	0,295
CHR9	7356626	CHR9:7356626	SSF x LoA	-7,98562716	0,123	0,287
CHR9	7362581	CHR9:7362581	SSF x LoA	-8,04776331	-0,046	0,300
CHR9	7362614	CHR9:7362614	SSF x LoA	-9,12514695	0,117	0,292
CHR9	7392377	CHR9:7392377	SSF x LoA	-10,9963125	0,042	0,309
CHR9	7392435	CHR9:7392435	SSF x LoA	-10,0146904	0,079	0,314
CHR9	7392439	CHR9:7392439	SSF x LoA	-11,0543628	-0,079	0,311
CHR9	7397006	CHR9:7397006	SSF x LoA	0,64232503	-0,156	0,296
CHR9	7397104	CHR9:7397104	SSF x LoA	-7,42130995	0,199	0,294
CHR9	7397162	CHR9:7397162	SSF x LoA	-9,02794264	0,152	0,305
CHR9	7397213	CHR9:7397213	SSF x LoA	-12,0414636	-0,099	0,283
CHR9	7413343	CHR9:7413343	SSF x LoA	-10,368184	0,000	0,307
CHR9	7413372	CHR9:7413372	SSF x LoA	-8,58495274	-0,050	0,311
CHR9	7413395	CHR9:7413395	SSF x LoA	-8,9810854	0,143	0,295
CHR9	7413438	CHR9:7413438	SSF x LoA	-11,0360028	0,086	0,309
CHR9	7413466	CHR9:7413466	SSF x LoA	-10,0572677	0,100	0,294
CHR9	7416518	CHR9:7416518	SSF x LoA	-5,90071388	-0,066	0,311
CHR9	7416542	CHR9:7416542	SSF x LoA	-11,3934912	-0,055	0,297
CHR9	7416560	CHR9:7416560	SSF x LoA	-10,3850634	-0,071	0,304
CHR9	7416567	CHR9:7416567	SSF x LoA	-10,5887054	-0,019	0,303
CHR9	7421786	CHR9:7421786	SSF x LoA	-10,7990709	-0,073	0,310
CHR9	7421793	CHR9:7421793	SSF x LoA	-10,1841952	-0,067	0,304
CHR9	7422752	CHR9:7422752	SSF x LoA	-8,809006	0,055	0,322
CHR9	7422769	CHR9:7422769	SSF x LoA	-9,97781018	0,010	0,307
CHR9	7423123	CHR9:7423123	SSF x LoA	-9,90001702	-0,136	0,305
CHR9	7423253	CHR9:7423253	SSF x LoA	-9,69556811	-0,005	0,298
CHR9	7436018	CHR9:7436018	SSF x LoA	-5,92829542	0,029	0,315
CHR9	7439266	CHR9:7439266	SSF x LoA	-8,53608663	-0,091	0,306
CHR9	7439318	CHR9:7439318	SSF x LoA	-0,2008547	0,009	0,312

CHR9	7439397	CHR9:7439397	SSF x LoA	-8,6375904	-0,140	0,290
CHR9	7439425	CHR9:7439425	SSF x LoA	-9,2925737	-0,076	0,303
CHR9	7439435	CHR9:7439435	SSF x LoA	-9,57683096	-0,031	0,302
CHR9	7471084	CHR9:7471084	SSF x LoA	-10,670861	-0,016	0,314
CHR9	7471166	CHR9:7471166	SSF x LoA	-10,0413815	-0,122	0,316
CHR9	7471237	CHR9:7471237	SSF x LoA	-6,77987947	0,037	0,308
CHR9	7471283	CHR9:7471283	SSF x LoA	-9,2663723	-0,035	0,302
CHR9	7474098	CHR9:7474098	SSF x LoA	-9,74950522	0,097	0,304
CHR9	7474178	CHR9:7474178	SSF x LoA	-9,77797549	0,143	0,302
CHR9	7482079	CHR9:7482079	SSF x LoA	-9,59402051	-0,011	0,318
CHR9	7482099	CHR9:7482099	SSF x LoA	-8,99688571	0,028	0,307
CHR9	7482176	CHR9:7482176	SSF x LoA	-9,21340553	0,039	0,313
CHR9	7482196	CHR9:7482196	SSF x LoA	-8,42727631	0,073	0,314
CHR9	7482227	CHR9:7482227	SSF x LoA	-7,68749992	-0,072	0,319
CHR9	7484241	CHR9:7484241	SSF x LoA	-8,93724342	0,022	0,300
CHR9	7484246	CHR9:7484246	SSF x LoA	-11,2152769	-0,003	0,326
CHR9	7484361	CHR9:7484361	SSF x LoA	-7,93248312	-0,001	0,311
CHR9	7484365	CHR9:7484365	SSF x LoA	-10,4092651	0,028	0,299
CHR9	7484379	CHR9:7484379	SSF x LoA	-10,5609679	-0,114	0,311
CHR9	7488458	CHR9:7488458	SSF x LoA	-10,555379	-0,058	0,303
CHR9	7488572	CHR9:7488572	SSF x LoA	-8,14243546	0,104	0,304
CHR9	7488591	CHR9:7488591	SSF x LoA	-10,2943771	-0,044	0,305
CHR9	7493232	CHR9:7493232	SSF x LoA	-5,98790232	0,101	0,290
CHR9	7493273	CHR9:7493273	SSF x LoA	-3,35119565	0,202	0,315
CHR9	7493451	CHR9:7493451	SSF x LoA	-5,99691537	-0,120	0,303
CHR9	7497690	CHR9:7497690	SSF x LoA	-10,150793	0,006	0,314
CHR9	7503253	CHR9:7503253	SSF x LoA	-7,42665056	-0,168	0,301
CHR9	7504045	CHR9:7504045	SSF x LoA	-7,88192602	0,037	0,307
CHR9	7520778	CHR9:7520778	SSF x LoA	-10,7350474	0,048	0,304
CHR9	7520980	CHR9:7520980	SSF x LoA	-10,7744496	0,015	0,319
CHR9	7521016	CHR9:7521016	SSF x LoA	-11,5512641	-0,016	0,312
CHR9	7523829	CHR9:7523829	SSF x LoA	-10,5766957	0,075	0,309
CHR9	7524143	CHR9:7524143	SSF x LoA	-9,94479845	-0,011	0,310
CHR9	7524207	CHR9:7524207	SSF x LoA	-9,61886688	-0,141	0,304
CHR9	7533377	CHR9:7533377	SSF x LoA	-11,9143316	-0,008	0,296
CHR9	7533448	CHR9:7533448	SSF x LoA	-7,58605223	0,106	0,307
CHR9	7533566	CHR9:7533566	SSF x LoA	-11,1411733	0,032	0,313
CHR9	7533733	CHR9:7533733	SSF x LoA	-9,8588973	0,128	0,295
CHR9	7544342	CHR9:7544342	SSF x LoA	-10,6758667	0,073	0,312
CHR9	7544384	CHR9:7544384	SSF x LoA	-12,185395	-0,007	0,298
CHR9	7544394	CHR9:7544394	SSF x LoA	-8,98370055	-0,029	0,308
CHR9	7544455	CHR9:7544455	SSF x LoA	-6,39007017	0,147	0,296
CHR9	7549653	CHR9:7549653	SSF x LoA	-7,31730828	0,009	0,315
CHR9	7549689	CHR9:7549689	SSF x LoA	-9,13921496	0,006	0,308
CHR9	7549698	CHR9:7549698	SSF x LoA	-1,33358124	0,058	0,314
CHR9	7549708	CHR9:7549708	SSF x LoA	-9,60543685	-0,089	0,314
CHR9	7549749	CHR9:7549749	SSF x LoA	-7,11510631	-0,085	0,306
CHR9	7549818	CHR9:7549818	SSF x LoA	-11,4164538	-0,011	0,306
CHR9	7549852	CHR9:7549852	SSF x LoA	-6,19764393	-0,075	0,309
CHR9	7549862	CHR9:7549862	SSF x LoA	-9,47313769	-0,039	0,294
CHR9	7549875	CHR9:7549875	SSF x LoA	-9,51988313	0,034	0,313
CHR9	7557513	CHR9:7557513	SSF x LoA	-6,74797393	0,027	0,304
CHR9	7558879	CHR9:7558879	SSF x LoA	-9,22725835	0,064	0,306

CHR9	7558883	CHR9:7558883	SSF x LoA	-11,5137358	-0,022	0,297
CHR9	7558889	CHR9:7558889	SSF x LoA	-10,621943	0,018	0,302
CHR9	7558914	CHR9:7558914	SSF x LoA	-9,91120884	-0,033	0,301
CHR9	7558956	CHR9:7558956	SSF x LoA	-8,11102863	0,058	0,298
CHR9	7559002	CHR9:7559002	SSF x LoA	-5,56286149	-0,136	0,310
CHR9	7561258	CHR9:7561258	SSF x LoA	-9,73448132	0,057	0,284
CHR9	7561413	CHR9:7561413	SSF x LoA	-9,42816014	0,093	0,295
CHR9	7561540	CHR9:7561540	SSF x LoA	-5,39302707	0,054	0,298
CHR9	7566071	CHR9:7566071	SSF x LoA	-10,5496978	0,081	0,307
CHR9	7568855	CHR9:7568855	SSF x LoA	-9,94914921	0,034	0,304
CHR9	7568857	CHR9:7568857	SSF x LoA	-10,5340435	0,132	0,300
CHR9	7568858	CHR9:7568858	SSF x LoA	-9,37853122	0,135	0,304
CHR9	7568907	CHR9:7568907	SSF x LoA	-8,5741811	-0,036	0,313
CHR9	7568951	CHR9:7568951	SSF x LoA	-8,63831449	-0,029	0,298
CHR9	7573608	CHR9:7573608	SSF x LoA	-1,85618527	-0,178	0,300
CHR9	7573685	CHR9:7573685	SSF x LoA	-10,6765023	0,142	0,305
CHR9	7573694	CHR9:7573694	SSF x LoA	-8,77751814	0,040	0,311
CHR9	7578450	CHR9:7578450	SSF x LoA	-7,78846467	0,050	0,308
CHR9	7578470	CHR9:7578470	SSF x LoA	-7,9528728	0,012	0,313
CHR9	7578472	CHR9:7578472	SSF x LoA	-4,14726099	-0,004	0,319
CHR9	7578474	CHR9:7578474	SSF x LoA	-9,49696046	0,010	0,293
CHR9	7578475	CHR9:7578475	SSF x LoA	-9,14478035	0,003	0,308
CHR9	7586836	CHR9:7586836	SSF x LoA	-3,2521831	0,208	0,276
CHR9	7586845	CHR9:7586845	SSF x LoA	-11,3117717	0,079	0,308
CHR9	7586955	CHR9:7586955	SSF x LoA	-7,95455212	-0,071	0,293
CHR9	7587515	CHR9:7587515	SSF x LoA	-9,75202271	-0,099	0,309
CHR9	7587588	CHR9:7587588	SSF x LoA	-8,391355	-0,089	0,302
CHR9	7587627	CHR9:7587627	SSF x LoA	-8,65515334	0,031	0,310
CHR9	7587728	CHR9:7587728	SSF x LoA	-9,3604384	0,070	0,306
CHR9	7587752	CHR9:7587752	SSF x LoA	-9,47645771	0,102	0,317
CHR9	7618778	CHR9:7618778	SSF x LoA	-9,61923513	0,004	0,295
CHR9	7618953	CHR9:7618953	SSF x LoA	-2,01040854	0,223	0,303
CHR9	7618957	CHR9:7618957	SSF x LoA	-7,52933586	0,157	0,307
CHR9	7618991	CHR9:7618991	SSF x LoA	-8,06192692	0,022	0,309
CHR9	7618994	CHR9:7618994	SSF x LoA	-7,79912575	0,002	0,316
CHR9	7619031	CHR9:7619031	SSF x LoA	-10,0389232	0,044	0,296
CHR9	7636222	CHR9:7636222	SSF x LoA	-6,92990626	0,058	0,304
CHR9	7651497	CHR9:7651497	SSF x LoA	-9,53740496	-0,113	0,311
CHR9	7668636	CHR9:7668636	SSF x LoA	-6,18278313	-0,112	0,304
CHR9	7668648	CHR9:7668648	SSF x LoA	-8,70046163	-0,070	0,304
CHR9	7670244	CHR9:7670244	SSF x LoA	-7,00766036	-0,189	0,295
CHR9	7670734	CHR9:7670734	SSF x LoA	-7,78502869	-0,138	0,295
CHR9	7677658	CHR9:7677658	SSF x LoA	-11,0267741	-0,060	0,290
CHR9	7686802	CHR9:7686802	SSF x LoA	-8,27057334	0,001	0,305
CHR9	7691140	CHR9:7691140	SSF x LoA	-9,39107506	0,020	0,310
CHR9	769144	CHR9:769144	SSF x LoA	-8,71804902	-0,015	0,304
CHR9	7694148	CHR9:7694148	SSF x LoA	-10,703176	-0,082	0,301
CHR9	7701249	CHR9:7701249	SSF x LoA	-10,784083	-0,096	0,299
CHR9	7701266	CHR9:7701266	SSF x LoA	-10,4857135	-0,152	0,304
CHR9	770825	CHR9:770825	SSF x LoA	-6,43321908	0,233	0,281
CHR9	770839	CHR9:770839	SSF x LoA	-9,6529946	0,048	0,308
CHR9	7710271	CHR9:7710271	SSF x LoA	-3,52997583	-0,114	0,316
CHR9	7710277	CHR9:7710277	SSF x LoA	-8,42423712	-0,066	0,299

CHR9	7710290	CHR9:7710290	SSF x LoA	-8,12104206	-0,078	0,303
CHR9	7710367	CHR9:7710367	SSF x LoA	-8,4566184	-0,074	0,309
CHR9	7710448	CHR9:7710448	SSF x LoA	-8,93876149	-0,090	0,300
CHR9	771845	CHR9:771845	SSF x LoA	-9,79441199	-0,003	0,305
CHR9	7719892	CHR9:7719892	SSF x LoA	-10,7681061	0,109	0,305
CHR9	7719986	CHR9:7719986	SSF x LoA	-7,9619984	-0,083	0,301
CHR9	7719991	CHR9:7719991	SSF x LoA	-8,44026542	-0,053	0,321
CHR9	7720075	CHR9:7720075	SSF x LoA	-9,12043489	0,003	0,320
CHR9	7720134	CHR9:7720134	SSF x LoA	-8,28667358	-0,009	0,310
CHR9	7725250	CHR9:7725250	SSF x LoA	-9,81672579	-0,076	0,288
CHR9	7725258	CHR9:7725258	SSF x LoA	-8,70895689	-0,097	0,301
CHR9	7728152	CHR9:7728152	SSF x LoA	-8,91786213	0,024	0,308
CHR9	7728267	CHR9:7728267	SSF x LoA	-7,94010284	0,102	0,317
CHR9	7728280	CHR9:7728280	SSF x LoA	-7,27049916	-0,068	0,318
CHR9	7730815	CHR9:7730815	SSF x LoA	-9,80140673	0,018	0,311
CHR9	7730863	CHR9:7730863	SSF x LoA	-10,158311	-0,036	0,299
CHR9	7730926	CHR9:7730926	SSF x LoA	-8,60153014	-0,066	0,297
CHR9	7731088	CHR9:7731088	SSF x LoA	-10,7859666	-0,068	0,310
CHR9	7732768	CHR9:7732768	SSF x LoA	-10,1713067	-0,027	0,301
CHR9	7732935	CHR9:7732935	SSF x LoA	-9,00098892	-0,051	0,311
CHR9	7734699	CHR9:7734699	SSF x LoA	-8,38736187	-0,127	0,307
CHR9	7734810	CHR9:7734810	SSF x LoA	-10,6855912	-0,080	0,301
CHR9	7761219	CHR9:7761219	SSF x LoA	-7,15133444	0,040	0,299
CHR9	7761237	CHR9:7761237	SSF x LoA	-10,7782531	0,024	0,304
CHR9	7761282	CHR9:7761282	SSF x LoA	-10,8778755	-0,021	0,301
CHR9	7761313	CHR9:7761313	SSF x LoA	-9,09954242	0,059	0,310
CHR9	7768403	CHR9:7768403	SSF x LoA	-9,86301776	-0,044	0,314
CHR9	7768454	CHR9:7768454	SSF x LoA	-9,39157833	-0,008	0,299
CHR9	7768461	CHR9:7768461	SSF x LoA	-9,46714256	0,013	0,319
CHR9	7768471	CHR9:7768471	SSF x LoA	-8,22709044	0,041	0,320
CHR9	7768483	CHR9:7768483	SSF x LoA	-8,55815745	0,039	0,316
CHR9	7768512	CHR9:7768512	SSF x LoA	-8,03071306	0,012	0,311
CHR9	7769301	CHR9:7769301	SSF x LoA	-9,48553598	0,046	0,309
CHR9	7769317	CHR9:7769317	SSF x LoA	-9,98435328	-0,022	0,312
CHR9	7769318	CHR9:7769318	SSF x LoA	-10,1000632	-0,024	0,301
CHR9	7769327	CHR9:7769327	SSF x LoA	-8,32857431	-0,069	0,314
CHR9	7770841	CHR9:7770841	SSF x LoA	-11,0657001	0,060	0,305
CHR9	7771612	CHR9:7771612	SSF x LoA	-8,18120549	-0,067	0,299
CHR9	7774375	CHR9:7774375	SSF x LoA	-5,58951635	-0,121	0,304
CHR9	7774410	CHR9:7774410	SSF x LoA	-8,47967526	0,080	0,297
CHR9	7813721	CHR9:7813721	SSF x LoA	-8,89057112	-0,011	0,314
CHR9	7816298	CHR9:7816298	SSF x LoA	-8,79875797	0,024	0,306
CHR9	7816520	CHR9:7816520	SSF x LoA	-9,52706033	0,055	0,304
CHR9	7827241	CHR9:7827241	SSF x LoA	-9,28611416	0,001	0,307
CHR9	7827246	CHR9:7827246	SSF x LoA	-10,0872258	-0,068	0,322
CHR9	7834090	CHR9:7834090	SSF x LoA	-8,74660867	-0,125	0,305
CHR9	7834120	CHR9:7834120	SSF x LoA	-8,33993788	-0,011	0,322
CHR9	7834174	CHR9:7834174	SSF x LoA	-8,82405337	-0,025	0,304
CHR9	7834362	CHR9:7834362	SSF x LoA	-7,79182142	0,044	0,284
CHR9	784323	CHR9:784323	SSF x LoA	-11,1259003	-0,056	0,310
CHR9	7845104	CHR9:7845104	SSF x LoA	-9,9298609	0,031	0,303
CHR9	7845121	CHR9:7845121	SSF x LoA	-10,4797279	0,048	0,296
CHR9	7845142	CHR9:7845142	SSF x LoA	-9,46893026	0,060	0,301

CHR9	7845157	CHR9:7845157	SSF x LoA	-3,70447616	-0,025	0,313
CHR9	7845173	CHR9:7845173	SSF x LoA	-7,17174652	0,036	0,316
CHR9	7845178	CHR9:7845178	SSF x LoA	-11,2692615	-0,082	0,296
CHR9	7845256	CHR9:7845256	SSF x LoA	-11,8160641	-0,065	0,303
CHR9	784526	CHR9:784526	SSF x LoA	-7,54606024	-0,119	0,309
CHR9	7860596	CHR9:7860596	SSF x LoA	-10,6220905	-0,036	0,299
CHR9	7860616	CHR9:7860616	SSF x LoA	-7,06232484	0,102	0,308
CHR9	7860816	CHR9:7860816	SSF x LoA	-6,63173267	0,174	0,298
CHR9	7860824	CHR9:7860824	SSF x LoA	-11,5185555	0,046	0,305
CHR9	786169	CHR9:786169	SSF x LoA	-9,56243201	0,015	0,310
CHR9	7872954	CHR9:7872954	SSF x LoA	-9,75677064	-0,105	0,317
CHR9	7873153	CHR9:7873153	SSF x LoA	-8,81604868	0,001	0,310
CHR9	7873223	CHR9:7873223	SSF x LoA	-10,6798764	0,025	0,304
CHR9	7874095	CHR9:7874095	SSF x LoA	-7,15306349	0,086	0,311
CHR9	7877530	CHR9:7877530	SSF x LoA	-9,6779338	-0,031	0,312
CHR9	7877596	CHR9:7877596	SSF x LoA	-6,76692841	-0,112	0,309
CHR9	7877600	CHR9:7877600	SSF x LoA	-11,4098893	0,021	0,313
CHR9	7877601	CHR9:7877601	SSF x LoA	-9,94407102	0,042	0,306
CHR9	7877722	CHR9:7877722	SSF x LoA	-4,12956527	0,088	0,304
CHR9	7878968	CHR9:7878968	SSF x LoA	-4,96844257	-0,159	0,303
CHR9	7878969	CHR9:7878969	SSF x LoA	-4,16626293	-0,134	0,301
CHR9	7878990	CHR9:7878990	SSF x LoA	-8,89358713	0,002	0,314
CHR9	7879002	CHR9:7879002	SSF x LoA	-7,47016802	-0,112	0,317
CHR9	7879009	CHR9:7879009	SSF x LoA	-9,99224975	-0,088	0,295
CHR9	7879021	CHR9:7879021	SSF x LoA	-7,34684462	0,022	0,311
CHR9	7879052	CHR9:7879052	SSF x LoA	-7,44756077	-0,074	0,297
CHR9	7879078	CHR9:7879078	SSF x LoA	-9,66018969	0,033	0,302
CHR9	7879109	CHR9:7879109	SSF x LoA	-8,11969818	-0,087	0,305
CHR9	7879128	CHR9:7879128	SSF x LoA	-11,3177167	-0,014	0,302
CHR9	7879139	CHR9:7879139	SSF x LoA	-2,62086236	0,049	0,297
CHR9	7879265	CHR9:7879265	SSF x LoA	-10,9773552	-0,093	0,321
CHR9	7879267	CHR9:7879267	SSF x LoA	-10,1167388	-0,108	0,305
CHR9	7893189	CHR9:7893189	SSF x LoA	-10,198958	0,063	0,295
CHR9	7907549	CHR9:7907549	SSF x LoA	-10,8623931	-0,033	0,303
CHR9	7907552	CHR9:7907552	SSF x LoA	-7,03770758	0,100	0,303
CHR9	7908151	CHR9:7908151	SSF x LoA	-10,4272269	-0,003	0,312
CHR9	790870	CHR9:790870	SSF x LoA	-10,4235481	-0,095	0,300
CHR9	7919148	CHR9:7919148	SSF x LoA	-11,54467	0,015	0,305
CHR9	7919353	CHR9:7919353	SSF x LoA	-6,48339095	0,218	0,293
CHR9	792479	CHR9:792479	SSF x LoA	-10,8769776	0,034	0,308
CHR9	7937111	CHR9:7937111	SSF x LoA	-9,66155978	-0,129	0,291
CHR9	7937132	CHR9:7937132	SSF x LoA	-4,09266492	0,026	0,324
CHR9	7939949	CHR9:7939949	SSF x LoA	-7,60310673	-0,036	0,290
CHR9	7946401	CHR9:7946401	SSF x LoA	-10,7779184	0,014	0,296
CHR9	7946505	CHR9:7946505	SSF x LoA	-9,57676586	-0,068	0,314
CHR9	7946628	CHR9:7946628	SSF x LoA	-7,61934489	0,103	0,305
CHR9	7946634	CHR9:7946634	SSF x LoA	-9,45297191	0,047	0,312
CHR9	7946677	CHR9:7946677	SSF x LoA	-11,1328803	-0,059	0,304
CHR9	7952783	CHR9:7952783	SSF x LoA	-9,47439353	0,102	0,307
CHR9	7952789	CHR9:7952789	SSF x LoA	-10,164765	0,059	0,306
CHR9	7964754	CHR9:7964754	SSF x LoA	-7,63586685	0,117	0,313
CHR9	7964755	CHR9:7964755	SSF x LoA	-7,53354714	0,063	0,306
CHR9	7964781	CHR9:7964781	SSF x LoA	-10,0866728	-0,060	0,306

CHR9	7964785	CHR9:7964785	SSF x LoA	-11,9533985	-0,071	0,306
CHR9	7964792	CHR9:7964792	SSF x LoA	-8,70073661	0,026	0,311
CHR9	7964831	CHR9:7964831	SSF x LoA	-8,52193077	-0,026	0,312
CHR9	7964868	CHR9:7964868	SSF x LoA	-8,42990285	-0,017	0,306
CHR9	7964872	CHR9:7964872	SSF x LoA	-1,44665991	-0,049	0,316
CHR9	7964880	CHR9:7964880	SSF x LoA	-9,35338403	-0,023	0,307
CHR9	7964881	CHR9:7964881	SSF x LoA	-8,56324843	-0,039	0,307
CHR9	7971456	CHR9:7971456	SSF x LoA	-8,34522621	0,068	0,310
CHR9	7972270	CHR9:7972270	SSF x LoA	-9,01873233	-0,044	0,303
CHR9	7979135	CHR9:7979135	SSF x LoA	-9,81638645	-0,063	0,298
CHR9	7979208	CHR9:7979208	SSF x LoA	-9,61934071	0,058	0,314
CHR9	7979219	CHR9:7979219	SSF x LoA	-2,80168206	-0,114	0,298
CHR9	7979230	CHR9:7979230	SSF x LoA	-7,65605997	-0,090	0,315
CHR9	7979242	CHR9:7979242	SSF x LoA	-4,03203075	-0,119	0,304
CHR9	7979256	CHR9:7979256	SSF x LoA	-8,87398052	0,075	0,317
CHR9	799186	CHR9:799186	SSF x LoA	-1,10401681	-0,052	0,316
CHR9	799190	CHR9:799190	SSF x LoA	-11,5345198	-0,006	0,297
CHR9	799226	CHR9:799226	SSF x LoA	-11,0159249	0,076	0,290
CHR9	799231	CHR9:799231	SSF x LoA	-9,68396021	0,008	0,311
CHR9	7995423	CHR9:7995423	SSF x LoA	-10,0238539	0,029	0,308
CHR9	7996907	CHR9:7996907	SSF x LoA	-7,92571553	0,072	0,299
CHR9	7996940	CHR9:7996940	SSF x LoA	-9,628993	-0,008	0,303
CHR9	7996947	CHR9:7996947	SSF x LoA	-11,23674	-0,055	0,308
CHR9	7996956	CHR9:7996956	SSF x LoA	-10,9212798	-0,036	0,312
CHR9	7996982	CHR9:7996982	SSF x LoA	-11,6144882	-0,028	0,301
CHR9	7996983	CHR9:7996983	SSF x LoA	-8,88147077	0,024	0,312
CHR9	7996984	CHR9:7996984	SSF x LoA	-9,59129589	-0,002	0,321
CHR9	7997008	CHR9:7997008	SSF x LoA	-9,65136104	-0,083	0,307
CHR9	7997012	CHR9:7997012	SSF x LoA	-8,58543425	0,037	0,305
CHR9	7997014	CHR9:7997014	SSF x LoA	-9,00674012	0,072	0,304
CHR9	7997109	CHR9:7997109	SSF x LoA	-9,56449947	-0,008	0,311
CHR9	7997171	CHR9:7997171	SSF x LoA	-9,02583982	0,027	0,320
CHR9	802408	CHR9:802408	SSF x LoA	-11,4777748	0,047	0,305
CHR9	8025322	CHR9:8025322	SSF x LoA	-9,38919832	0,076	0,320
CHR9	8025325	CHR9:8025325	SSF x LoA	-8,52295139	-0,082	0,309
CHR9	802607	CHR9:802607	SSF x LoA	-11,0028533	0,129	0,298
CHR9	8029472	CHR9:8029472	SSF x LoA	-8,3876045	-0,056	0,320
CHR9	8029491	CHR9:8029491	SSF x LoA	-8,40763664	-0,069	0,298
CHR9	8029495	CHR9:8029495	SSF x LoA	-7,64695532	-0,003	0,300
CHR9	8029496	CHR9:8029496	SSF x LoA	-4,85171957	-0,174	0,308
CHR9	8029503	CHR9:8029503	SSF x LoA	-7,8864559	-0,006	0,311
CHR9	8029513	CHR9:8029513	SSF x LoA	-10,6387912	0,070	0,311
CHR9	8029533	CHR9:8029533	SSF x LoA	-10,3079845	-0,014	0,317
CHR9	8029545	CHR9:8029545	SSF x LoA	-9,81774908	-0,007	0,314
CHR9	8029560	CHR9:8029560	SSF x LoA	-9,00697345	-0,036	0,311
CHR9	8029711	CHR9:8029711	SSF x LoA	-11,728409	-0,004	0,317
CHR9	8037808	CHR9:8037808	SSF x LoA	-10,7038485	0,048	0,301
CHR9	8037941	CHR9:8037941	SSF x LoA	-8,55422613	-0,106	0,298
CHR9	8037959	CHR9:8037959	SSF x LoA	-8,81703962	0,045	0,316
CHR9	8044439	CHR9:8044439	SSF x LoA	-10,1034897	0,108	0,298
CHR9	8044455	CHR9:8044455	SSF x LoA	-8,73572245	-0,041	0,302
CHR9	8044461	CHR9:8044461	SSF x LoA	-8,55033139	-0,026	0,301
CHR9	8044530	CHR9:8044530	SSF x LoA	-7,96528373	0,051	0,319

CHR9	8044536	CHR9:8044536	SSF x LoA	-11,2263364	-0,034	0,312
CHR9	8044538	CHR9:8044538	SSF x LoA	-11,5771682	-0,042	0,311
CHR9	8044659	CHR9:8044659	SSF x LoA	-7,64296307	0,086	0,298
CHR9	8044665	CHR9:8044665	SSF x LoA	-6,1574414	0,092	0,298
CHR9	8044673	CHR9:8044673	SSF x LoA	-7,11572063	0,102	0,308
CHR9	8044716	CHR9:8044716	SSF x LoA	-9,02307444	-0,062	0,317
CHR9	804506	CHR9:804506	SSF x LoA	-7,66167526	0,062	0,311
CHR9	804537	CHR9:804537	SSF x LoA	-8,63012312	0,002	0,311
CHR9	8054891	CHR9:8054891	SSF x LoA	-4,54695352	-0,189	0,283
CHR9	8054919	CHR9:8054919	SSF x LoA	-8,71306844	-0,003	0,314
CHR9	8054973	CHR9:8054973	SSF x LoA	-7,58686178	-0,118	0,296
CHR9	8062952	CHR9:8062952	SSF x LoA	-11,1805706	0,084	0,294
CHR9	8062958	CHR9:8062958	SSF x LoA	-6,02727137	-0,064	0,299
CHR9	8064973	CHR9:8064973	SSF x LoA	2,12534102	-0,173	0,305
CHR9	8064979	CHR9:8064979	SSF x LoA	-6,78153691	-0,147	0,296
CHR9	8064996	CHR9:8064996	SSF x LoA	-11,2458551	-0,090	0,314
CHR9	8065058	CHR9:8065058	SSF x LoA	-8,82265409	-0,034	0,311
CHR9	8065071	CHR9:8065071	SSF x LoA	-11,627684	0,007	0,300
CHR9	8065074	CHR9:8065074	SSF x LoA	-9,1350375	0,041	0,314
CHR9	8071658	CHR9:8071658	SSF x LoA	-9,95197603	0,108	0,301
CHR9	8071746	CHR9:8071746	SSF x LoA	-9,98746955	0,046	0,303
CHR9	8073697	CHR9:8073697	SSF x LoA	-11,0714909	0,028	0,307
CHR9	8075862	CHR9:8075862	SSF x LoA	-7,21647032	-0,025	0,314
CHR9	8075902	CHR9:8075902	SSF x LoA	-4,31221721	0,136	0,306
CHR9	8075908	CHR9:8075908	SSF x LoA	-6,01261085	0,175	0,297
CHR9	8075913	CHR9:8075913	SSF x LoA	-8,39050721	-0,111	0,303
CHR9	8075932	CHR9:8075932	SSF x LoA	-7,70502587	-0,124	0,305
CHR9	8075943	CHR9:8075943	SSF x LoA	-6,4272485	0,067	0,311
CHR9	8075964	CHR9:8075964	SSF x LoA	-10,7646004	-0,049	0,323
CHR9	8075999	CHR9:8075999	SSF x LoA	-10,8621993	-0,041	0,320
CHR9	8076122	CHR9:8076122	SSF x LoA	-10,6985624	-0,017	0,302
CHR9	8077564	CHR9:8077564	SSF x LoA	-10,3174905	-0,007	0,297
CHR9	8086021	CHR9:8086021	SSF x LoA	0,49861509	0,279	0,293
CHR9	8086022	CHR9:8086022	SSF x LoA	-0,04555852	0,276	0,289
CHR9	8086168	CHR9:8086168	SSF x LoA	-6,00123112	0,259	0,287
CHR9	810746	CHR9:810746	SSF x LoA	-8,37002814	-0,140	0,301
CHR9	810796	CHR9:810796	SSF x LoA	-8,51663696	-0,100	0,302
CHR9	810833	CHR9:810833	SSF x LoA	-8,92704888	-0,125	0,296
CHR9	8108767	CHR9:8108767	SSF x LoA	-11,6088615	-0,008	0,294
CHR9	8109899	CHR9:8109899	SSF x LoA	-10,2924562	-0,117	0,300
CHR9	8109992	CHR9:8109992	SSF x LoA	-9,49393177	-0,055	0,294
CHR9	8110006	CHR9:8110006	SSF x LoA	-9,47801387	-0,023	0,305
CHR9	8110095	CHR9:8110095	SSF x LoA	-9,01169293	0,114	0,304
CHR9	8114609	CHR9:8114609	SSF x LoA	-5,26932429	-0,137	0,315
CHR9	8114651	CHR9:8114651	SSF x LoA	-8,09613023	0,158	0,292
CHR9	8114720	CHR9:8114720	SSF x LoA	-7,17811796	0,198	0,281
CHR9	8114813	CHR9:8114813	SSF x LoA	-7,43172006	-0,069	0,331
CHR9	814215	CHR9:814215	SSF x LoA	-7,87204509	0,056	0,315
CHR9	814296	CHR9:814296	SSF x LoA	-8,45486627	0,064	0,313
CHR9	814303	CHR9:814303	SSF x LoA	-9,64003609	0,003	0,310
CHR9	814322	CHR9:814322	SSF x LoA	-9,18022832	-0,079	0,300
CHR9	8165332	CHR9:8165332	SSF x LoA	-10,1392004	0,058	0,304
CHR9	816636	CHR9:816636	SSF x LoA	-8,4418326	0,156	0,290

CHR9	816786	CHR9:816786	SSF x LoA	-8,0358821	0,007	0,294
CHR9	8183607	CHR9:8183607	SSF x LoA	-6,60225066	-0,201	0,279
CHR9	8183647	CHR9:8183647	SSF x LoA	-9,50423664	-0,028	0,310
CHR9	8190956	CHR9:8190956	SSF x LoA	-7,59834984	-0,165	0,294
CHR9	8190957	CHR9:8190957	SSF x LoA	-8,05084678	-0,177	0,301
CHR9	8190959	CHR9:8190959	SSF x LoA	-9,23100859	0,161	0,303
CHR9	8191005	CHR9:8191005	SSF x LoA	-10,4851292	-0,005	0,302
CHR9	8191114	CHR9:8191114	SSF x LoA	-9,82307248	0,011	0,299
CHR9	8191147	CHR9:8191147	SSF x LoA	-9,78480669	-0,016	0,306
CHR9	8191181	CHR9:8191181	SSF x LoA	-7,9172232	0,034	0,313
CHR9	8191245	CHR9:8191245	SSF x LoA	-11,3278119	-0,009	0,306
CHR9	8193498	CHR9:8193498	SSF x LoA	-10,0260955	0,030	0,312
CHR9	8193664	CHR9:8193664	SSF x LoA	-10,438345	-0,062	0,299
CHR9	8193697	CHR9:8193697	SSF x LoA	-8,35785978	0,065	0,312
CHR9	8193708	CHR9:8193708	SSF x LoA	-7,35743812	0,058	0,312
CHR9	8195562	CHR9:8195562	SSF x LoA	-11,4246206	0,015	0,314
CHR9	8195621	CHR9:8195621	SSF x LoA	-3,08629774	-0,194	0,322
CHR9	8195696	CHR9:8195696	SSF x LoA	-9,85432912	-0,068	0,312
CHR9	8197829	CHR9:8197829	SSF x LoA	-5,94482212	-0,014	0,305
CHR9	8197833	CHR9:8197833	SSF x LoA	-9,57043525	-0,069	0,298
CHR9	8197873	CHR9:8197873	SSF x LoA	-7,93689321	0,114	0,305
CHR9	8197933	CHR9:8197933	SSF x LoA	-8,75971609	0,103	0,295
CHR9	8197939	CHR9:8197939	SSF x LoA	-9,01415728	-0,024	0,299
CHR9	8197947	CHR9:8197947	SSF x LoA	-12,5832562	0,012	0,301
CHR9	8207894	CHR9:8207894	SSF x LoA	-8,65004826	-0,009	0,327
CHR9	8218259	CHR9:8218259	SSF x LoA	-7,53831507	-0,079	0,308
CHR9	8218354	CHR9:8218354	SSF x LoA	-10,1081931	-0,136	0,304
CHR9	8218373	CHR9:8218373	SSF x LoA	-8,04529949	-0,030	0,303
CHR9	8218393	CHR9:8218393	SSF x LoA	-6,72460083	0,012	0,318
CHR9	8219681	CHR9:8219681	SSF x LoA	-9,66262651	-0,073	0,310
CHR9	8219688	CHR9:8219688	SSF x LoA	-7,68054141	-0,017	0,296
CHR9	8219730	CHR9:8219730	SSF x LoA	-10,3867826	0,079	0,294
CHR9	8219865	CHR9:8219865	SSF x LoA	-11,3575681	0,056	0,311
CHR9	8221875	CHR9:8221875	SSF x LoA	-8,4962082	0,022	0,300
CHR9	8221890	CHR9:8221890	SSF x LoA	-8,71818615	0,017	0,299
CHR9	8221906	CHR9:8221906	SSF x LoA	-2,8467419	0,078	0,301
CHR9	8221925	CHR9:8221925	SSF x LoA	-9,11129752	0,102	0,301
CHR9	8221932	CHR9:8221932	SSF x LoA	-5,39728592	-0,008	0,312
CHR9	8231699	CHR9:8231699	SSF x LoA	-9,10050305	-0,098	0,309
CHR9	8231861	CHR9:8231861	SSF x LoA	-8,7104214	-0,047	0,317
CHR9	8244238	CHR9:8244238	SSF x LoA	-10,3177621	0,105	0,301
CHR9	8244315	CHR9:8244315	SSF x LoA	-11,6347364	0,021	0,318
CHR9	8244404	CHR9:8244404	SSF x LoA	-10,4005445	0,081	0,308
CHR9	8244608	CHR9:8244608	SSF x LoA	-9,66245984	0,090	0,312
CHR9	8244624	CHR9:8244624	SSF x LoA	-5,24139614	-0,090	0,302
CHR9	8248234	CHR9:8248234	SSF x LoA	-8,39127783	0,043	0,305
CHR9	8248398	CHR9:8248398	SSF x LoA	-11,1704301	-0,056	0,298
CHR9	8248426	CHR9:8248426	SSF x LoA	-10,8491158	-0,074	0,309
CHR9	8250379	CHR9:8250379	SSF x LoA	-1,41759929	0,019	0,312
CHR9	8250423	CHR9:8250423	SSF x LoA	-11,3703663	0,043	0,304
CHR9	8250440	CHR9:8250440	SSF x LoA	-11,8740703	-0,028	0,305
CHR9	8250601	CHR9:8250601	SSF x LoA	-9,01361566	0,053	0,311
CHR9	8275148	CHR9:8275148	SSF x LoA	-10,4861946	0,008	0,309

CHR9	8276530	CHR9:8276530	SSF x LoA	-10,0148208	0,107	0,300
CHR9	8276538	CHR9:8276538	SSF x LoA	-9,30967499	-0,019	0,316
CHR9	8279959	CHR9:8279959	SSF x LoA	-8,71266291	-0,063	0,315
CHR9	8280058	CHR9:8280058	SSF x LoA	-8,52612473	-0,107	0,309
CHR9	8292320	CHR9:8292320	SSF x LoA	-6,29528238	-0,090	0,319
CHR9	8302476	CHR9:8302476	SSF x LoA	-11,167456	-0,059	0,305
CHR9	8303713	CHR9:8303713	SSF x LoA	-9,93995482	-0,022	0,315
CHR9	8303726	CHR9:8303726	SSF x LoA	-11,1137847	0,030	0,314
CHR9	8314857	CHR9:8314857	SSF x LoA	-9,0110868	-0,023	0,317
CHR9	8314932	CHR9:8314932	SSF x LoA	-6,78635029	0,106	0,315
CHR9	8314951	CHR9:8314951	SSF x LoA	-8,4760968	-0,008	0,291
CHR9	834611	CHR9:834611	SSF x LoA	-3,21856005	0,049	0,321
CHR9	834704	CHR9:834704	SSF x LoA	-10,4226863	0,110	0,298
CHR9	834776	CHR9:834776	SSF x LoA	-11,2136402	0,030	0,322
CHR9	8354241	CHR9:8354241	SSF x LoA	-9,16900587	0,041	0,307
CHR9	8356279	CHR9:8356279	SSF x LoA	-5,16009109	-0,088	0,311
CHR9	839070	CHR9:839070	SSF x LoA	-6,8580381	0,114	0,304
CHR9	839072	CHR9:839072	SSF x LoA	-10,4405851	0,058	0,299
CHR9	839113	CHR9:839113	SSF x LoA	-8,47786367	0,083	0,312
CHR9	839141	CHR9:839141	SSF x LoA	-9,42450366	-0,001	0,315
CHR9	8401463	CHR9:8401463	SSF x LoA	-9,60050196	-0,008	0,304
CHR9	8401515	CHR9:8401515	SSF x LoA	-3,74546026	-0,070	0,310
CHR9	8406622	CHR9:8406622	SSF x LoA	-7,90550664	0,056	0,277
CHR9	8406647	CHR9:8406647	SSF x LoA	-7,9126195	0,026	0,287
CHR9	8406736	CHR9:8406736	SSF x LoA	-4,3225	0,133	0,299
CHR9	8406743	CHR9:8406743	SSF x LoA	-7,61051455	0,103	0,302
CHR9	8408557	CHR9:8408557	SSF x LoA	-7,66041097	0,070	0,303
CHR9	8408593	CHR9:8408593	SSF x LoA	-11,9864734	-0,014	0,304
CHR9	8408713	CHR9:8408713	SSF x LoA	-8,09305607	0,010	0,310
CHR9	8410999	CHR9:8410999	SSF x LoA	-5,06270708	-0,182	0,293
CHR9	8411078	CHR9:8411078	SSF x LoA	-6,37054649	-0,190	0,301
CHR9	8411137	CHR9:8411137	SSF x LoA	-8,9584431	-0,087	0,313
CHR9	8411182	CHR9:8411182	SSF x LoA	-4,86917816	-0,092	0,302
CHR9	8418308	CHR9:8418308	SSF x LoA	-9,53960223	0,037	0,303
CHR9	8418417	CHR9:8418417	SSF x LoA	-8,10554638	0,078	0,307
CHR9	8418421	CHR9:8418421	SSF x LoA	-10,671351	0,034	0,299
CHR9	8425530	CHR9:8425530	SSF x LoA	-8,62483058	0,054	0,303
CHR9	8425646	CHR9:8425646	SSF x LoA	-9,8180236	0,014	0,307
CHR9	8425666	CHR9:8425666	SSF x LoA	-9,70943878	0,121	0,297
CHR9	8433338	CHR9:8433338	SSF x LoA	-9,05537925	0,039	0,297
CHR9	8433379	CHR9:8433379	SSF x LoA	-8,69476075	-0,021	0,323
CHR9	8438267	CHR9:8438267	SSF x LoA	-6,31860703	-0,064	0,313
CHR9	8452054	CHR9:8452054	SSF x LoA	-9,47017772	0,007	0,314
CHR9	8452081	CHR9:8452081	SSF x LoA	-8,76772613	-0,027	0,310
CHR9	8452536	CHR9:8452536	SSF x LoA	-10,0424995	0,087	0,301
CHR9	8453075	CHR9:8453075	SSF x LoA	-8,46228162	-0,064	0,306
CHR9	8472188	CHR9:8472188	SSF x LoA	-7,81478327	0,021	0,308
CHR9	8484661	CHR9:8484661	SSF x LoA	-9,15036933	-0,033	0,322
CHR9	848727	CHR9:848727	SSF x LoA	-10,8855251	-0,017	0,297
CHR9	8491849	CHR9:8491849	SSF x LoA	-8,98383487	-0,002	0,303
CHR9	8491862	CHR9:8491862	SSF x LoA	-10,2185213	-0,026	0,315
CHR9	8491951	CHR9:8491951	SSF x LoA	-7,86036532	0,100	0,294
CHR9	8492032	CHR9:8492032	SSF x LoA	-11,1066262	0,099	0,302

CHR9	8505341	CHR9:8505341	SSF x LoA	-10,2948469	0,003	0,312
CHR9	851460	CHR9:851460	SSF x LoA	-1,99004189	0,005	0,309
CHR9	851495	CHR9:851495	SSF x LoA	-4,99838814	-0,056	0,313
CHR9	851604	CHR9:851604	SSF x LoA	-6,56112352	-0,202	0,282
CHR9	8541040	CHR9:8541040	SSF x LoA	-9,28156115	-0,090	0,304
CHR9	8541041	CHR9:8541041	SSF x LoA	-4,38793033	-0,037	0,299
CHR9	8541149	CHR9:8541149	SSF x LoA	-9,94477808	0,028	0,306
CHR9	8542464	CHR9:8542464	SSF x LoA	-6,99848158	-0,139	0,320
CHR9	8551737	CHR9:8551737	SSF x LoA	-9,60757183	-0,073	0,315
CHR9	8551793	CHR9:8551793	SSF x LoA	-8,48162076	-0,048	0,313
CHR9	8551818	CHR9:8551818	SSF x LoA	-7,21784053	0,188	0,302
CHR9	8551898	CHR9:8551898	SSF x LoA	-10,0484443	0,069	0,308
CHR9	8551908	CHR9:8551908	SSF x LoA	-6,547839	-0,107	0,301
CHR9	8551939	CHR9:8551939	SSF x LoA	-9,46882556	0,052	0,294
CHR9	8551967	CHR9:8551967	SSF x LoA	-9,05477303	0,054	0,293
CHR9	8551975	CHR9:8551975	SSF x LoA	-9,07652982	0,059	0,314
CHR9	8555378	CHR9:8555378	SSF x LoA	-10,1851113	0,038	0,300
CHR9	8555446	CHR9:8555446	SSF x LoA	-9,55566293	0,003	0,310
CHR9	8567073	CHR9:8567073	SSF x LoA	-5,53201747	-0,222	0,294
CHR9	8567123	CHR9:8567123	SSF x LoA	-9,90684917	0,084	0,312
CHR9	8578217	CHR9:8578217	SSF x LoA	-8,66203118	-0,103	0,307
CHR9	8578267	CHR9:8578267	SSF x LoA	-9,86965282	0,044	0,310
CHR9	8578303	CHR9:8578303	SSF x LoA	-9,54056713	-0,132	0,311
CHR9	8578341	CHR9:8578341	SSF x LoA	-10,7685388	-0,108	0,301
CHR9	8585197	CHR9:8585197	SSF x LoA	-6,86553466	-0,079	0,307
CHR9	8585205	CHR9:8585205	SSF x LoA	-7,7011325	-0,090	0,314
CHR9	8585236	CHR9:8585236	SSF x LoA	-9,12827186	-0,130	0,307
CHR9	8585267	CHR9:8585267	SSF x LoA	-7,09960032	0,059	0,319
CHR9	8585291	CHR9:8585291	SSF x LoA	-9,7607848	0,102	0,313
CHR9	8585311	CHR9:8585311	SSF x LoA	-7,30528196	0,076	0,310
CHR9	8585317	CHR9:8585317	SSF x LoA	-8,04229188	0,100	0,307
CHR9	858552	CHR9:858552	SSF x LoA	-8,05977782	-0,028	0,302
CHR9	8593381	CHR9:8593381	SSF x LoA	-9,103156	0,099	0,304
CHR9	8594536	CHR9:8594536	SSF x LoA	-7,41352468	-0,056	0,309
CHR9	8594763	CHR9:8594763	SSF x LoA	-9,05413121	-0,059	0,303
CHR9	859696	CHR9:859696	SSF x LoA	-9,77599114	0,063	0,295
CHR9	859712	CHR9:859712	SSF x LoA	-9,32195996	-0,010	0,296
CHR9	8609512	CHR9:8609512	SSF x LoA	-9,47501904	-0,087	0,307
CHR9	8615118	CHR9:8615118	SSF x LoA	-9,37487582	0,113	0,301
CHR9	8615193	CHR9:8615193	SSF x LoA	-11,8274124	0,003	0,306
CHR9	8622862	CHR9:8622862	SSF x LoA	-2,51689994	-0,132	0,312
CHR9	8622939	CHR9:8622939	SSF x LoA	-11,6109521	-0,005	0,309
CHR9	8623044	CHR9:8623044	SSF x LoA	-9,37721014	0,072	0,293
CHR9	8623050	CHR9:8623050	SSF x LoA	-10,1684326	-0,088	0,298
CHR9	8623074	CHR9:8623074	SSF x LoA	-1,26329635	0,119	0,315
CHR9	8623082	CHR9:8623082	SSF x LoA	-5,91685592	0,124	0,301
CHR9	8625796	CHR9:8625796	SSF x LoA	-8,76783025	-0,013	0,296
CHR9	8625920	CHR9:8625920	SSF x LoA	-4,43347632	0,143	0,313
CHR9	8625964	CHR9:8625964	SSF x LoA	-9,3657074	0,020	0,298
CHR9	8626948	CHR9:8626948	SSF x LoA	-10,326861	0,063	0,298
CHR9	8631816	CHR9:8631816	SSF x LoA	-7,66907013	0,122	0,292
CHR9	8633072	CHR9:8633072	SSF x LoA	-10,3597204	-0,113	0,303
CHR9	8633200	CHR9:8633200	SSF x LoA	-8,87254583	0,001	0,310

CHR9	8633386	CHR9:8633386	SSF x LoA	-9,33270545	0,030	0,314
CHR9	8633387	CHR9:8633387	SSF x LoA	-10,4398712	0,051	0,311
CHR9	8645982	CHR9:8645982	SSF x LoA	-10,4668329	0,029	0,311
CHR9	8645991	CHR9:8645991	SSF x LoA	-8,21297892	0,123	0,314
CHR9	8645999	CHR9:8645999	SSF x LoA	-8,85626169	-0,070	0,296
CHR9	8646072	CHR9:8646072	SSF x LoA	-5,13364555	-0,211	0,305
CHR9	8646090	CHR9:8646090	SSF x LoA	-5,47899561	-0,247	0,304
CHR9	864795	CHR9:864795	SSF x LoA	-8,84436122	-0,064	0,284
CHR9	8650590	CHR9:8650590	SSF x LoA	-5,61971968	0,056	0,307
CHR9	8655434	CHR9:8655434	SSF x LoA	-4,30442573	-0,167	0,297
CHR9	8655543	CHR9:8655543	SSF x LoA	-9,58710481	0,036	0,310
CHR9	8657548	CHR9:8657548	SSF x LoA	-11,6465606	0,011	0,310
CHR9	8657686	CHR9:8657686	SSF x LoA	-8,489404	0,055	0,300
CHR9	8659679	CHR9:8659679	SSF x LoA	-8,31719855	0,049	0,306
CHR9	8659694	CHR9:8659694	SSF x LoA	-12,5855161	-0,016	0,295
CHR9	8660970	CHR9:8660970	SSF x LoA	-5,06085497	-0,171	0,309
CHR9	8662331	CHR9:8662331	SSF x LoA	-9,72529149	-0,029	0,313
CHR9	8662333	CHR9:8662333	SSF x LoA	-10,8581742	0,081	0,304
CHR9	8662348	CHR9:8662348	SSF x LoA	-8,39340199	0,114	0,296
CHR9	8662359	CHR9:8662359	SSF x LoA	-10,2856817	-0,019	0,307
CHR9	86706	CHR9:86706	SSF x LoA	-10,1523866	0,010	0,289
CHR9	86740	CHR9:86740	SSF x LoA	-7,89311954	0,042	0,299
CHR9	8675954	CHR9:8675954	SSF x LoA	-10,0283391	0,063	0,298
CHR9	86788	CHR9:86788	SSF x LoA	-9,47317174	0,037	0,311
CHR9	8685410	CHR9:8685410	SSF x LoA	-6,61054114	-0,152	0,301
CHR9	8685519	CHR9:8685519	SSF x LoA	-7,29641369	0,107	0,307
CHR9	8691481	CHR9:8691481	SSF x LoA	-7,87557141	-0,173	0,308
CHR9	8691483	CHR9:8691483	SSF x LoA	-8,31193198	-0,146	0,305
CHR9	8691651	CHR9:8691651	SSF x LoA	-8,63939586	-0,153	0,281
CHR9	8724720	CHR9:8724720	SSF x LoA	-11,727907	-0,052	0,299
CHR9	8725704	CHR9:8725704	SSF x LoA	-10,7341739	0,042	0,296
CHR9	8733087	CHR9:8733087	SSF x LoA	-7,26316161	-0,176	0,286
CHR9	8733090	CHR9:8733090	SSF x LoA	-7,6630122	-0,168	0,290
CHR9	8733123	CHR9:8733123	SSF x LoA	-9,38447403	0,119	0,305
CHR9	8733126	CHR9:8733126	SSF x LoA	-8,08512109	-0,150	0,307
CHR9	8733190	CHR9:8733190	SSF x LoA	-7,83754318	0,140	0,308
CHR9	8733203	CHR9:8733203	SSF x LoA	-10,0223051	0,101	0,311
CHR9	8733216	CHR9:8733216	SSF x LoA	-8,9911631	-0,003	0,301
CHR9	8733256	CHR9:8733256	SSF x LoA	-8,71307811	-0,042	0,310
CHR9	8733295	CHR9:8733295	SSF x LoA	-8,19017831	0,040	0,309
CHR9	8733296	CHR9:8733296	SSF x LoA	-8,58895133	-0,058	0,321
CHR9	8733298	CHR9:8733298	SSF x LoA	-8,45596628	0,038	0,313
CHR9	8741860	CHR9:8741860	SSF x LoA	-7,52652651	0,031	0,302
CHR9	8742017	CHR9:8742017	SSF x LoA	-7,97006749	-0,087	0,320
CHR9	8752267	CHR9:8752267	SSF x LoA	-8,46681177	0,135	0,313
CHR9	8752518	CHR9:8752518	SSF x LoA	-8,63956527	-0,027	0,311
CHR9	8756564	CHR9:8756564	SSF x LoA	-10,1556315	0,071	0,312
CHR9	8756595	CHR9:8756595	SSF x LoA	-9,28897621	-0,033	0,313
CHR9	8758154	CHR9:8758154	SSF x LoA	-9,08143126	-0,027	0,317
CHR9	8758307	CHR9:8758307	SSF x LoA	-10,5539465	0,062	0,300
CHR9	8758339	CHR9:8758339	SSF x LoA	-11,0204825	0,015	0,305
CHR9	8763337	CHR9:8763337	SSF x LoA	-8,89537701	-0,004	0,323
CHR9	8763354	CHR9:8763354	SSF x LoA	-9,23886353	0,129	0,285

CHR9	8781578	CHR9:8781578	SSF x LoA	-10,3468711	-0,037	0,306
CHR9	8785319	CHR9:8785319	SSF x LoA	-11,6124326	0,012	0,299
CHR9	8785343	CHR9:8785343	SSF x LoA	-9,96638137	0,096	0,309
CHR9	8791195	CHR9:8791195	SSF x LoA	-8,76402877	-0,016	0,321
CHR9	8791383	CHR9:8791383	SSF x LoA	-7,80101231	-0,010	0,322
CHR9	8822284	CHR9:8822284	SSF x LoA	-11,3595896	0,008	0,306
CHR9	8838230	CHR9:8838230	SSF x LoA	-1,4817248	-0,238	0,300
CHR9	8844464	CHR9:8844464	SSF x LoA	-10,6818214	-0,016	0,309
CHR9	8857968	CHR9:8857968	SSF x LoA	-10,6714892	0,017	0,319
CHR9	8866009	CHR9:8866009	SSF x LoA	-11,5287941	0,065	0,295
CHR9	8873701	CHR9:8873701	SSF x LoA	-1,76189092	-0,204	0,293
CHR9	8873780	CHR9:8873780	SSF x LoA	-9,10617369	0,148	0,300
CHR9	8880563	CHR9:8880563	SSF x LoA	-9,23043601	-0,053	0,317
CHR9	8880608	CHR9:8880608	SSF x LoA	-9,28442543	0,021	0,309
CHR9	8880628	CHR9:8880628	SSF x LoA	-11,7056127	-0,017	0,309
CHR9	8880641	CHR9:8880641	SSF x LoA	-9,6705497	-0,059	0,307
CHR9	8882956	CHR9:8882956	SSF x LoA	-10,7588239	-0,079	0,312
CHR9	888330	CHR9:888330	SSF x LoA	-10,9756788	-0,106	0,301
CHR9	8884237	CHR9:8884237	SSF x LoA	-7,71399913	0,024	0,326
CHR9	8884306	CHR9:8884306	SSF x LoA	-8,4925756	-0,056	0,316
CHR9	8889875	CHR9:8889875	SSF x LoA	-7,43404707	0,166	0,301
CHR9	8889917	CHR9:8889917	SSF x LoA	-11,0682978	-0,078	0,308
CHR9	8889939	CHR9:8889939	SSF x LoA	-9,80049543	0,014	0,300
CHR9	8889994	CHR9:8889994	SSF x LoA	-8,88784371	-0,124	0,302
CHR9	8890052	CHR9:8890052	SSF x LoA	-8,37848054	0,099	0,300
CHR9	8890055	CHR9:8890055	SSF x LoA	-11,9112869	-0,052	0,308
CHR9	8890058	CHR9:8890058	SSF x LoA	-9,40069412	-0,031	0,311
CHR9	8890073	CHR9:8890073	SSF x LoA	-10,1414575	-0,040	0,295
CHR9	8890142	CHR9:8890142	SSF x LoA	-11,4597053	0,033	0,308
CHR9	8890150	CHR9:8890150	SSF x LoA	-11,6392647	0,063	0,295
CHR9	8890153	CHR9:8890153	SSF x LoA	-10,9378232	0,050	0,301
CHR9	8894749	CHR9:8894749	SSF x LoA	-11,896345	0,027	0,299
CHR9	8896243	CHR9:8896243	SSF x LoA	-10,5490837	0,016	0,315
CHR9	8896261	CHR9:8896261	SSF x LoA	-8,44915982	0,000	0,321
CHR9	8896297	CHR9:8896297	SSF x LoA	-1,91657162	-0,141	0,286
CHR9	8896316	CHR9:8896316	SSF x LoA	-9,82681645	0,017	0,304
CHR9	8897560	CHR9:8897560	SSF x LoA	-9,01324886	-0,080	0,311
CHR9	8898768	CHR9:8898768	SSF x LoA	-11,2494349	-0,010	0,314
CHR9	8898816	CHR9:8898816	SSF x LoA	-7,52997564	-0,144	0,307
CHR9	8898844	CHR9:8898844	SSF x LoA	-8,9469482	0,073	0,309
CHR9	8921802	CHR9:8921802	SSF x LoA	-7,27284234	0,078	0,300
CHR9	8921890	CHR9:8921890	SSF x LoA	-10,3398796	-0,060	0,302
CHR9	8921899	CHR9:8921899	SSF x LoA	-9,20103027	0,020	0,299
CHR9	8923471	CHR9:8923471	SSF x LoA	-9,76011105	0,099	0,315
CHR9	8923472	CHR9:8923472	SSF x LoA	-9,81333411	0,103	0,321
CHR9	8923511	CHR9:8923511	SSF x LoA	-7,5335999	0,096	0,312
CHR9	8923527	CHR9:8923527	SSF x LoA	-10,7313789	0,046	0,308
CHR9	8923556	CHR9:8923556	SSF x LoA	-8,34088355	-0,048	0,299
CHR9	8923557	CHR9:8923557	SSF x LoA	-8,43167335	0,072	0,314
CHR9	8924490	CHR9:8924490	SSF x LoA	-10,6695962	0,087	0,305
CHR9	8926696	CHR9:8926696	SSF x LoA	-8,73722635	-0,020	0,308
CHR9	8926740	CHR9:8926740	SSF x LoA	-10,586352	-0,001	0,305
CHR9	8926773	CHR9:8926773	SSF x LoA	-10,4792581	0,028	0,315

CHR9	8926776	CHR9:8926776	SSF x LoA	-10,1164421	-0,076	0,310
CHR9	8926809	CHR9:8926809	SSF x LoA	-8,59405724	0,124	0,308
CHR9	8926815	CHR9:8926815	SSF x LoA	-10,5341802	-0,074	0,309
CHR9	8926819	CHR9:8926819	SSF x LoA	-10,0295239	0,120	0,302
CHR9	8926885	CHR9:8926885	SSF x LoA	-11,1265596	0,067	0,303
CHR9	8926919	CHR9:8926919	SSF x LoA	-7,48848358	-0,089	0,312
CHR9	8926925	CHR9:8926925	SSF x LoA	-4,06913009	-0,200	0,284
CHR9	8926953	CHR9:8926953	SSF x LoA	-11,7234048	0,044	0,300
CHR9	8926960	CHR9:8926960	SSF x LoA	-4,07794746	0,172	0,307
CHR9	8926967	CHR9:8926967	SSF x LoA	-8,58438139	0,045	0,300
CHR9	8926971	CHR9:8926971	SSF x LoA	-6,30306782	0,144	0,300
CHR9	8935782	CHR9:8935782	SSF x LoA	-5,02297475	0,131	0,313
CHR9	8935819	CHR9:8935819	SSF x LoA	-11,0235264	-0,009	0,334
CHR9	8936675	CHR9:8936675	SSF x LoA	-9,63948327	-0,070	0,294
CHR9	8936683	CHR9:8936683	SSF x LoA	-9,32798766	-0,012	0,299
CHR9	8936761	CHR9:8936761	SSF x LoA	-8,7948621	-0,037	0,308
CHR9	8936789	CHR9:8936789	SSF x LoA	-9,21274695	-0,012	0,301
CHR9	8936801	CHR9:8936801	SSF x LoA	-9,18131234	0,059	0,306
CHR9	8936803	CHR9:8936803	SSF x LoA	-6,84810764	-0,063	0,312
CHR9	8936822	CHR9:8936822	SSF x LoA	-6,37658408	-0,085	0,316
CHR9	894444	CHR9:894444	SSF x LoA	-10,7947547	0,070	0,300
CHR9	894519	CHR9:894519	SSF x LoA	-8,6719705	-0,035	0,308
CHR9	8953708	CHR9:8953708	SSF x LoA	-6,93983766	0,122	0,298
CHR9	8965228	CHR9:8965228	SSF x LoA	-5,96120757	0,148	0,308
CHR9	8965289	CHR9:8965289	SSF x LoA	-9,61546591	0,136	0,299
CHR9	8965298	CHR9:8965298	SSF x LoA	-7,48121659	-0,140	0,292
CHR9	8968259	CHR9:8968259	SSF x LoA	-11,1291317	-0,018	0,308
CHR9	8968419	CHR9:8968419	SSF x LoA	-11,0819656	-0,005	0,305
CHR9	8968480	CHR9:8968480	SSF x LoA	-9,63715357	-0,014	0,290
CHR9	8968483	CHR9:8968483	SSF x LoA	-9,58245994	0,069	0,309
CHR9	8970292	CHR9:8970292	SSF x LoA	-10,1471572	0,005	0,309
CHR9	8977899	CHR9:8977899	SSF x LoA	-6,90226949	-0,092	0,305
CHR9	8977916	CHR9:8977916	SSF x LoA	-10,3300646	0,032	0,299
CHR9	8984834	CHR9:8984834	SSF x LoA	-9,66534078	0,078	0,303
CHR9	8984838	CHR9:8984838	SSF x LoA	-11,5549269	0,005	0,304
CHR9	8984877	CHR9:8984877	SSF x LoA	-8,16154513	-0,170	0,288
CHR9	8984900	CHR9:8984900	SSF x LoA	-6,33262968	-0,034	0,312
CHR9	8984905	CHR9:8984905	SSF x LoA	-9,78355349	0,068	0,302
CHR9	8984925	CHR9:8984925	SSF x LoA	1,13514552	-0,108	0,311
CHR9	8984979	CHR9:8984979	SSF x LoA	-11,809355	-0,066	0,301
CHR9	8984991	CHR9:8984991	SSF x LoA	-8,3959472	0,115	0,289
CHR9	8985094	CHR9:8985094	SSF x LoA	-10,413272	-0,080	0,313
CHR9	8990420	CHR9:8990420	SSF x LoA	-9,78009056	0,114	0,305
CHR9	8990454	CHR9:8990454	SSF x LoA	-1,54251808	-0,106	0,312
CHR9	8993644	CHR9:8993644	SSF x LoA	-10,0276345	0,034	0,306
CHR9	8993645	CHR9:8993645	SSF x LoA	-4,59919028	-0,161	0,300
CHR9	8994451	CHR9:8994451	SSF x LoA	-11,3631736	0,064	0,302
CHR9	8994479	CHR9:8994479	SSF x LoA	-9,43813351	0,061	0,315
CHR9	8998776	CHR9:8998776	SSF x LoA	-8,86804446	0,090	0,291
CHR9	8998842	CHR9:8998842	SSF x LoA	-11,8972589	-0,058	0,306
CHR9	8998851	CHR9:8998851	SSF x LoA	-8,12639589	-0,048	0,319
CHR9	8998900	CHR9:8998900	SSF x LoA	-8,86317207	-0,031	0,298
CHR9	8999823	CHR9:8999823	SSF x LoA	-10,8963278	0,028	0,315

CHR9	9000035	CHR9:9000035	SSF x LoA	-9,28214935	0,070	0,305
CHR9	9001695	CHR9:9001695	SSF x LoA	-4,65812631	0,043	0,318
CHR9	9001732	CHR9:9001732	SSF x LoA	-9,49282208	-0,101	0,316
CHR9	9001754	CHR9:9001754	SSF x LoA	-9,02842887	0,082	0,297
CHR9	9001755	CHR9:9001755	SSF x LoA	-9,5695736	0,000	0,301
CHR9	9008758	CHR9:9008758	SSF x LoA	-8,58240577	-0,047	0,320
CHR9	9008762	CHR9:9008762	SSF x LoA	-8,86622667	0,064	0,313
CHR9	9008777	CHR9:9008777	SSF x LoA	-9,05666177	-0,108	0,311
CHR9	9008793	CHR9:9008793	SSF x LoA	-8,95589154	0,007	0,318
CHR9	9008805	CHR9:9008805	SSF x LoA	-8,95427392	-0,065	0,293
CHR9	9008809	CHR9:9008809	SSF x LoA	-10,1096081	-0,060	0,307
CHR9	9008817	CHR9:9008817	SSF x LoA	-8,97236047	0,014	0,307
CHR9	9008832	CHR9:9008832	SSF x LoA	-9,57807348	-0,016	0,305
CHR9	9024756	CHR9:9024756	SSF x LoA	-8,7288585	-0,066	0,299
CHR9	9030255	CHR9:9030255	SSF x LoA	-3,99136986	-0,021	0,316
CHR9	9030481	CHR9:9030481	SSF x LoA	-6,51670706	-0,017	0,310
CHR9	9030509	CHR9:9030509	SSF x LoA	-10,5280128	-0,106	0,301
CHR9	9042712	CHR9:9042712	SSF x LoA	-9,89707417	0,010	0,293
CHR9	9042733	CHR9:9042733	SSF x LoA	-10,5800093	-0,060	0,310
CHR9	9042833	CHR9:9042833	SSF x LoA	-12,1242158	0,007	0,315
CHR9	9042841	CHR9:9042841	SSF x LoA	-9,5786931	-0,172	0,315
CHR9	9043429	CHR9:9043429	SSF x LoA	-5,19728685	-0,132	0,304
CHR9	9043500	CHR9:9043500	SSF x LoA	-9,86078353	0,004	0,303
CHR9	9043550	CHR9:9043550	SSF x LoA	-2,5605186	-0,138	0,310
CHR9	9043560	CHR9:9043560	SSF x LoA	-8,37504198	-0,066	0,302
CHR9	9050623	CHR9:9050623	SSF x LoA	-10,3552621	0,039	0,310
CHR9	9050624	CHR9:9050624	SSF x LoA	-10,5651385	0,019	0,307
CHR9	9050629	CHR9:9050629	SSF x LoA	-11,3195912	0,007	0,299
CHR9	9050630	CHR9:9050630	SSF x LoA	-11,5720863	-0,007	0,309
CHR9	9050632	CHR9:9050632	SSF x LoA	-11,8668163	0,037	0,304
CHR9	9050636	CHR9:9050636	SSF x LoA	-10,6274188	0,059	0,312
CHR9	9050638	CHR9:9050638	SSF x LoA	-11,4276872	0,054	0,305
CHR9	9055054	CHR9:9055054	SSF x LoA	-10,3461163	-0,081	0,304
CHR9	9055091	CHR9:9055091	SSF x LoA	-10,7834018	-0,062	0,311
CHR9	9055107	CHR9:9055107	SSF x LoA	-8,55196979	-0,121	0,311
CHR9	9055137	CHR9:9055137	SSF x LoA	-7,44796898	0,028	0,301
CHR9	9055173	CHR9:9055173	SSF x LoA	-7,69053833	-0,099	0,301
CHR9	9055183	CHR9:9055183	SSF x LoA	-11,9319946	0,017	0,307
CHR9	9055868	CHR9:9055868	SSF x LoA	-8,16756108	0,002	0,318
CHR9	9055881	CHR9:9055881	SSF x LoA	-8,97415229	0,058	0,297
CHR9	9055888	CHR9:9055888	SSF x LoA	-10,2555968	-0,050	0,313
CHR9	9055910	CHR9:9055910	SSF x LoA	-9,88294861	-0,021	0,295
CHR9	9055928	CHR9:9055928	SSF x LoA	-11,217591	0,036	0,306
CHR9	9055985	CHR9:9055985	SSF x LoA	-10,8057544	0,027	0,311
CHR9	9055989	CHR9:9055989	SSF x LoA	-11,8711282	0,028	0,300
CHR9	9064572	CHR9:9064572	SSF x LoA	-10,0472955	-0,037	0,317
CHR9	9064638	CHR9:9064638	SSF x LoA	-11,0576323	-0,016	0,279
CHR9	9064651	CHR9:9064651	SSF x LoA	-10,1960982	-0,102	0,306
CHR9	9064681	CHR9:9064681	SSF x LoA	-12,1075381	-0,031	0,313
CHR9	9065336	CHR9:9065336	SSF x LoA	-7,59365209	0,066	0,322
CHR9	9065387	CHR9:9065387	SSF x LoA	-9,29058889	0,047	0,307
CHR9	9065394	CHR9:9065394	SSF x LoA	-8,91500852	0,034	0,299
CHR9	9065396	CHR9:9065396	SSF x LoA	-10,4859289	-0,027	0,309

CHR9	9069537	CHR9:9069537	SSF x LoA	-11,6254011	-0,075	0,299
CHR9	9079964	CHR9:9079964	SSF x LoA	-10,3119014	0,125	0,298
CHR9	9080117	CHR9:9080117	SSF x LoA	-11,845556	-0,030	0,298
CHR9	9080121	CHR9:9080121	SSF x LoA	-7,01411947	-0,043	0,305
CHR9	9087394	CHR9:9087394	SSF x LoA	-10,9127468	-0,093	0,302
CHR9	9087410	CHR9:9087410	SSF x LoA	-7,3384026	-0,041	0,319
CHR9	9087435	CHR9:9087435	SSF x LoA	-11,2528177	0,005	0,294
CHR9	9087455	CHR9:9087455	SSF x LoA	-5,15013007	0,028	0,306
CHR9	9087876	CHR9:9087876	SSF x LoA	-11,2817374	0,030	0,302
CHR9	9087901	CHR9:9087901	SSF x LoA	-7,1069659	-0,077	0,310
CHR9	9087936	CHR9:9087936	SSF x LoA	-10,2608032	-0,059	0,312
CHR9	9091058	CHR9:9091058	SSF x LoA	-10,4435148	0,021	0,308
CHR9	9091073	CHR9:9091073	SSF x LoA	-11,2787302	0,038	0,299
CHR9	9092479	CHR9:9092479	SSF x LoA	-10,7623132	0,093	0,303
CHR9	9092502	CHR9:9092502	SSF x LoA	-11,0384674	0,105	0,297
CHR9	9107602	CHR9:9107602	SSF x LoA	-10,1707	0,067	0,311
CHR9	9107610	CHR9:9107610	SSF x LoA	-10,9079198	0,016	0,316
CHR9	9107655	CHR9:9107655	SSF x LoA	-11,7963631	-0,074	0,308
CHR9	9107690	CHR9:9107690	SSF x LoA	-1,1452698	-0,035	0,307
CHR9	9107709	CHR9:9107709	SSF x LoA	-6,67007135	0,005	0,302
CHR9	9107741	CHR9:9107741	SSF x LoA	-7,61768272	-0,030	0,308
CHR9	9108601	CHR9:9108601	SSF x LoA	-10,4860075	-0,065	0,316
CHR9	9108603	CHR9:9108603	SSF x LoA	-10,8536468	0,018	0,317
CHR9	9108604	CHR9:9108604	SSF x LoA	-9,30085054	-0,030	0,295
CHR9	9108608	CHR9:9108608	SSF x LoA	-9,52538207	0,135	0,300
CHR9	9108630	CHR9:9108630	SSF x LoA	-11,2680394	0,043	0,306
CHR9	9134599	CHR9:9134599	SSF x LoA	-8,78003258	0,081	0,306
CHR9	9137012	CHR9:9137012	SSF x LoA	-9,03702451	-0,057	0,295
CHR9	9146544	CHR9:9146544	SSF x LoA	-11,2512752	-0,003	0,308
CHR9	9158446	CHR9:9158446	SSF x LoA	-10,3277267	0,149	0,298
CHR9	9163780	CHR9:9163780	SSF x LoA	-7,99900352	-0,023	0,304
CHR9	9167264	CHR9:9167264	SSF x LoA	-9,01507431	-0,079	0,306
CHR9	9167279	CHR9:9167279	SSF x LoA	-10,3339554	0,066	0,317
CHR9	9176330	CHR9:9176330	SSF x LoA	-11,0604046	-0,027	0,307
CHR9	9178746	CHR9:9178746	SSF x LoA	-9,20726532	0,032	0,307
CHR9	9178823	CHR9:9178823	SSF x LoA	-7,17631667	-0,166	0,290
CHR9	9178985	CHR9:9178985	SSF x LoA	-7,90440502	-0,055	0,307
CHR9	9183841	CHR9:9183841	SSF x LoA	-10,4587239	-0,049	0,283
CHR9	9183854	CHR9:9183854	SSF x LoA	-5,40444283	-0,138	0,299
CHR9	9183857	CHR9:9183857	SSF x LoA	-9,68316685	-0,129	0,304
CHR9	9183907	CHR9:9183907	SSF x LoA	-9,45790692	-0,021	0,299
CHR9	9191221	CHR9:9191221	SSF x LoA	-9,9961805	0,038	0,309
CHR9	9191246	CHR9:9191246	SSF x LoA	-9,84840249	0,082	0,319
CHR9	9191289	CHR9:9191289	SSF x LoA	-8,31194094	0,015	0,309
CHR9	9191381	CHR9:9191381	SSF x LoA	-8,69864804	0,058	0,319
CHR9	9191383	CHR9:9191383	SSF x LoA	-9,44009379	0,094	0,308
CHR9	9198837	CHR9:9198837	SSF x LoA	-9,90021872	-0,129	0,303
CHR9	9207968	CHR9:9207968	SSF x LoA	-9,91504653	-0,038	0,294
CHR9	9216413	CHR9:9216413	SSF x LoA	-8,62831242	0,057	0,309
CHR9	9223851	CHR9:9223851	SSF x LoA	-9,92347993	-0,001	0,304
CHR9	9227975	CHR9:9227975	SSF x LoA	-7,8216008	0,003	0,310
CHR9	9232470	CHR9:9232470	SSF x LoA	-8,81106882	0,047	0,294
CHR9	9232632	CHR9:9232632	SSF x LoA	-7,97294299	-0,016	0,314

CHR9	9234346	CHR9:9234346	SSF x LoA	-11,6962147	-0,028	0,304
CHR9	9248896	CHR9:9248896	SSF x LoA	-8,88070834	0,058	0,314
CHR9	9248928	CHR9:9248928	SSF x LoA	-10,566	-0,066	0,292
CHR9	9248977	CHR9:9248977	SSF x LoA	-9,93198412	-0,164	0,304
CHR9	9248998	CHR9:9248998	SSF x LoA	-9,02521018	0,052	0,304
CHR9	9263138	CHR9:9263138	SSF x LoA	-10,9565654	0,028	0,316
CHR9	9274815	CHR9:9274815	SSF x LoA	-7,53586423	-0,053	0,312
CHR9	9274997	CHR9:9274997	SSF x LoA	-7,3569332	-0,130	0,309
CHR9	9274999	CHR9:9274999	SSF x LoA	-9,87541426	-0,051	0,302
CHR9	9275048	CHR9:9275048	SSF x LoA	-9,7416633	0,096	0,308
CHR9	9275061	CHR9:9275061	SSF x LoA	-11,6226883	-0,040	0,318
CHR9	9275084	CHR9:9275084	SSF x LoA	-11,320572	0,004	0,307
CHR9	9275115	CHR9:9275115	SSF x LoA	-9,24367415	-0,001	0,301
CHR9	9275177	CHR9:9275177	SSF x LoA	-11,4214455	0,008	0,312
CHR9	9280356	CHR9:9280356	SSF x LoA	-10,9311971	-0,030	0,308
CHR9	9280685	CHR9:9280685	SSF x LoA	-9,45127243	-0,007	0,305
CHR9	9283894	CHR9:9283894	SSF x LoA	-6,02845396	0,092	0,305
CHR9	9283930	CHR9:9283930	SSF x LoA	-6,52335708	0,036	0,311
CHR9	9283972	CHR9:9283972	SSF x LoA	-8,75980842	0,002	0,307
CHR9	9284654	CHR9:9284654	SSF x LoA	-7,50635043	0,140	0,284
CHR9	9289196	CHR9:9289196	SSF x LoA	-9,89182953	0,006	0,300
CHR9	9295505	CHR9:9295505	SSF x LoA	-6,82722699	0,103	0,309
CHR9	9300734	CHR9:9300734	SSF x LoA	-8,79279621	-0,009	0,292
CHR9	9300777	CHR9:9300777	SSF x LoA	-10,1711918	0,076	0,304
CHR9	9303332	CHR9:9303332	SSF x LoA	-10,4321759	0,004	0,303
CHR9	9303374	CHR9:9303374	SSF x LoA	-8,45562592	0,095	0,295
CHR9	9303377	CHR9:9303377	SSF x LoA	-7,01760423	-0,119	0,317
CHR9	9303454	CHR9:9303454	SSF x LoA	-9,48548395	0,056	0,308
CHR9	9303498	CHR9:9303498	SSF x LoA	-10,4162042	-0,062	0,312
CHR9	9303511	CHR9:9303511	SSF x LoA	-8,52150974	0,078	0,322
CHR9	9305316	CHR9:9305316	SSF x LoA	-8,68150378	-0,040	0,305
CHR9	9305319	CHR9:9305319	SSF x LoA	-6,91356469	-0,009	0,315
CHR9	9305326	CHR9:9305326	SSF x LoA	-9,13073988	-0,048	0,306
CHR9	9305365	CHR9:9305365	SSF x LoA	-7,38546431	-0,086	0,317
CHR9	9305366	CHR9:9305366	SSF x LoA	-6,92618919	0,158	0,295
CHR9	9312459	CHR9:9312459	SSF x LoA	-8,68047503	-0,061	0,323
CHR9	9312488	CHR9:9312488	SSF x LoA	-8,31402144	0,086	0,305
CHR9	9312498	CHR9:9312498	SSF x LoA	-9,58903796	-0,038	0,310
CHR9	9312514	CHR9:9312514	SSF x LoA	-12,3350913	0,016	0,300
CHR9	9312561	CHR9:9312561	SSF x LoA	-8,54188418	-0,054	0,310
CHR9	9315827	CHR9:9315827	SSF x LoA	-11,118683	-0,113	0,303
CHR9	9315828	CHR9:9315828	SSF x LoA	-11,3673595	-0,137	0,302
CHR9	9315831	CHR9:9315831	SSF x LoA	-9,05220404	-0,104	0,306
CHR9	932012	CHR9:932012	SSF x LoA	-8,2049948	0,112	0,300
CHR9	932066	CHR9:932066	SSF x LoA	-9,08821117	-0,013	0,308
CHR9	932080	CHR9:932080	SSF x LoA	-3,62732538	-0,074	0,322
CHR9	932119	CHR9:932119	SSF x LoA	-9,11640907	-0,089	0,315
CHR9	932178	CHR9:932178	SSF x LoA	-7,31329309	0,012	0,310
CHR9	932186	CHR9:932186	SSF x LoA	-8,31925576	-0,073	0,306
CHR9	9322334	CHR9:9322334	SSF x LoA	-6,41434057	-0,083	0,321
CHR9	9334247	CHR9:9334247	SSF x LoA	-7,39289688	0,018	0,304
CHR9	9335627	CHR9:9335627	SSF x LoA	-9,57389723	0,020	0,315
CHR9	9338545	CHR9:9338545	SSF x LoA	0,12514133	-0,213	0,301

CHR9	9338637	CHR9:9338637	SSF x LoA	-11,7524059	0,110	0,286
CHR9	9338777	CHR9:9338777	SSF x LoA	-6,88738651	0,049	0,305
CHR9	9340246	CHR9:9340246	SSF x LoA	-9,17097827	0,022	0,310
CHR9	9340253	CHR9:9340253	SSF x LoA	-8,3177417	-0,069	0,309
CHR9	9340277	CHR9:9340277	SSF x LoA	-10,8587239	-0,051	0,296
CHR9	934716	CHR9:934716	SSF x LoA	10,2998994	-0,069	0,286
CHR9	934766	CHR9:934766	SSF x LoA	-8,8636165	0,031	0,313
CHR9	934788	CHR9:934788	SSF x LoA	-5,0201019	-0,012	0,326
CHR9	934862	CHR9:934862	SSF x LoA	-10,117492	0,063	0,310
CHR9	9353837	CHR9:9353837	SSF x LoA	-9,62551463	0,079	0,292
CHR9	9353854	CHR9:9353854	SSF x LoA	-7,22865846	0,089	0,318
CHR9	9353864	CHR9:9353864	SSF x LoA	-9,5941091	-0,020	0,305
CHR9	9353943	CHR9:9353943	SSF x LoA	-6,34508838	0,089	0,311
CHR9	9366772	CHR9:9366772	SSF x LoA	-10,0873395	-0,071	0,288
CHR9	9366815	CHR9:9366815	SSF x LoA	-7,21364957	0,092	0,307
CHR9	9366830	CHR9:9366830	SSF x LoA	-10,5567669	0,064	0,305
CHR9	9366843	CHR9:9366843	SSF x LoA	-7,17297107	-0,124	0,305
CHR9	9366969	CHR9:9366969	SSF x LoA	-8,83355326	0,024	0,308
CHR9	9366998	CHR9:9366998	SSF x LoA	-8,75576908	-0,035	0,328
CHR9	937773	CHR9:937773	SSF x LoA	-3,37298595	0,191	0,296
CHR9	9383074	CHR9:9383074	SSF x LoA	-9,82776614	-0,004	0,321
CHR9	9383137	CHR9:9383137	SSF x LoA	-6,26573904	-0,043	0,298
CHR9	9383140	CHR9:9383140	SSF x LoA	-11,4718285	0,050	0,311
CHR9	9386409	CHR9:9386409	SSF x LoA	-10,029644	-0,100	0,293
CHR9	9386491	CHR9:9386491	SSF x LoA	-6,95320098	0,090	0,313
CHR9	9386682	CHR9:9386682	SSF x LoA	-6,48650828	0,144	0,302
CHR9	9392275	CHR9:9392275	SSF x LoA	-9,62716591	0,043	0,305
CHR9	9402437	CHR9:9402437	SSF x LoA	-5,51139735	-0,049	0,312
CHR9	9402463	CHR9:9402463	SSF x LoA	-6,83659415	0,069	0,312
CHR9	9402547	CHR9:9402547	SSF x LoA	-8,8129898	0,007	0,298
CHR9	9402548	CHR9:9402548	SSF x LoA	-7,68273703	-0,115	0,301
CHR9	9402562	CHR9:9402562	SSF x LoA	-9,99149113	0,054	0,289
CHR9	9402564	CHR9:9402564	SSF x LoA	-9,68563039	-0,116	0,308
CHR9	9402566	CHR9:9402566	SSF x LoA	-9,14905226	0,042	0,306
CHR9	9402600	CHR9:9402600	SSF x LoA	-10,200002	0,076	0,318
CHR9	9402647	CHR9:9402647	SSF x LoA	-9,04473418	-0,035	0,309
CHR9	9402679	CHR9:9402679	SSF x LoA	-8,77465823	-0,045	0,317
CHR9	9402697	CHR9:9402697	SSF x LoA	-7,38789337	-0,028	0,327
CHR9	9405403	CHR9:9405403	SSF x LoA	-6,59319358	0,005	0,315
CHR9	9405416	CHR9:9405416	SSF x LoA	-7,87002989	-0,057	0,326
CHR9	9405465	CHR9:9405465	SSF x LoA	-9,62414059	0,075	0,318
CHR9	9413210	CHR9:9413210	SSF x LoA	-10,6478887	-0,011	0,293
CHR9	9413256	CHR9:9413256	SSF x LoA	-9,18653406	-0,061	0,298
CHR9	9414497	CHR9:9414497	SSF x LoA	-8,98127682	0,165	0,299
CHR9	9416217	CHR9:9416217	SSF x LoA	-10,9365269	-0,099	0,289
CHR9	9416265	CHR9:9416265	SSF x LoA	-9,47714893	-0,078	0,308
CHR9	9416298	CHR9:9416298	SSF x LoA	-10,5884501	0,025	0,312
CHR9	9416301	CHR9:9416301	SSF x LoA	-8,10194085	0,050	0,313
CHR9	9416302	CHR9:9416302	SSF x LoA	-10,1200655	0,044	0,304
CHR9	9416334	CHR9:9416334	SSF x LoA	-7,62940055	-0,119	0,306
CHR9	9416345	CHR9:9416345	SSF x LoA	-8,78712698	-0,052	0,294
CHR9	9416398	CHR9:9416398	SSF x LoA	-8,11751275	-0,066	0,312
CHR9	9422422	CHR9:9422422	SSF x LoA	-6,12249571	-0,046	0,310

CHR9	9422443	CHR9:9422443	SSF x LoA	-9,16166205	-0,095	0,301
CHR9	9422535	CHR9:9422535	SSF x LoA	-7,54290092	-0,039	0,292
CHR9	9423528	CHR9:9423528	SSF x LoA	-9,21259615	-0,012	0,305
CHR9	9423585	CHR9:9423585	SSF x LoA	-11,6803664	0,024	0,313
CHR9	9454892	CHR9:9454892	SSF x LoA	-9,14994567	0,071	0,298
CHR9	9471626	CHR9:9471626	SSF x LoA	-9,95099928	0,080	0,313
CHR9	9472503	CHR9:9472503	SSF x LoA	-8,5653315	-0,006	0,302
CHR9	9472535	CHR9:9472535	SSF x LoA	-8,41793976	-0,012	0,304
CHR9	9479688	CHR9:9479688	SSF x LoA	-8,76001512	0,120	0,309
CHR9	9485404	CHR9:9485404	SSF x LoA	-8,63902298	-0,041	0,313
CHR9	9485441	CHR9:9485441	SSF x LoA	-11,8361164	-0,036	0,302
CHR9	9485451	CHR9:9485451	SSF x LoA	-8,11226165	0,057	0,306
CHR9	9485457	CHR9:9485457	SSF x LoA	-10,4587707	-0,043	0,303
CHR9	9485485	CHR9:9485485	SSF x LoA	-10,8691216	0,012	0,313
CHR9	9485502	CHR9:9485502	SSF x LoA	-6,57931371	-0,069	0,318
CHR9	9485525	CHR9:9485525	SSF x LoA	-10,0332132	0,071	0,303
CHR9	9485550	CHR9:9485550	SSF x LoA	-5,55042884	-0,193	0,307
CHR9	9485637	CHR9:9485637	SSF x LoA	-9,6606043	-0,086	0,303
CHR9	9490906	CHR9:9490906	SSF x LoA	-3,05521485	0,027	0,316
CHR9	9490908	CHR9:9490908	SSF x LoA	-10,218285	0,042	0,306
CHR9	9490914	CHR9:9490914	SSF x LoA	-10,7938101	0,046	0,306
CHR9	9490916	CHR9:9490916	SSF x LoA	-11,634788	0,064	0,292
CHR9	9490970	CHR9:9490970	SSF x LoA	-10,9660522	-0,002	0,301
CHR9	9490984	CHR9:9490984	SSF x LoA	-9,44430876	0,066	0,323
CHR9	9506822	CHR9:9506822	SSF x LoA	-6,80806794	0,002	0,311
CHR9	9506909	CHR9:9506909	SSF x LoA	-10,7768471	-0,062	0,315
CHR9	9506987	CHR9:9506987	SSF x LoA	-11,3151774	-0,044	0,311
CHR9	950700	CHR9:950700	SSF x LoA	-9,65896709	-0,093	0,315
CHR9	950759	CHR9:950759	SSF x LoA	-10,8433467	-0,051	0,309
CHR9	950766	CHR9:950766	SSF x LoA	-10,566882	0,049	0,316
CHR9	9508442	CHR9:9508442	SSF x LoA	-9,50934333	0,027	0,321
CHR9	9508462	CHR9:9508462	SSF x LoA	-10,319866	-0,020	0,297
CHR9	9508507	CHR9:9508507	SSF x LoA	-9,88290248	0,037	0,316
CHR9	9508522	CHR9:9508522	SSF x LoA	-8,19192819	-0,059	0,301
CHR9	9509752	CHR9:9509752	SSF x LoA	-9,54592838	-0,105	0,309
CHR9	9509772	CHR9:9509772	SSF x LoA	-9,30727004	-0,107	0,312
CHR9	9509869	CHR9:9509869	SSF x LoA	-10,8941058	-0,045	0,304
CHR9	9510715	CHR9:9510715	SSF x LoA	-7,69063174	-0,012	0,300
CHR9	9515613	CHR9:9515613	SSF x LoA	-7,93336033	-0,072	0,304
CHR9	9519704	CHR9:9519704	SSF x LoA	-8,61031074	0,065	0,302
CHR9	9519744	CHR9:9519744	SSF x LoA	-9,10702298	-0,027	0,309
CHR9	9519747	CHR9:9519747	SSF x LoA	-6,58886184	-0,203	0,295
CHR9	9519758	CHR9:9519758	SSF x LoA	-1,58093577	-0,156	0,309
CHR9	9519922	CHR9:9519922	SSF x LoA	-10,0372816	-0,063	0,318
CHR9	9523806	CHR9:9523806	SSF x LoA	-7,76149474	-0,040	0,300
CHR9	9523892	CHR9:9523892	SSF x LoA	-9,22649286	-0,034	0,300
CHR9	9524050	CHR9:9524050	SSF x LoA	-10,6481267	-0,039	0,306
CHR9	9529589	CHR9:9529589	SSF x LoA	-11,8698683	-0,022	0,306
CHR9	9529634	CHR9:9529634	SSF x LoA	-10,7419209	-0,009	0,299
CHR9	9529645	CHR9:9529645	SSF x LoA	-9,95771294	0,061	0,310
CHR9	9529756	CHR9:9529756	SSF x LoA	-11,5248291	0,013	0,304
CHR9	9529857	CHR9:9529857	SSF x LoA	-11,1670229	-0,054	0,323
CHR9	9529930	CHR9:9529930	SSF x LoA	-9,54905144	0,011	0,318

CHR9	9535513	CHR9:9535513	SSF x LoA	-8,63561109	0,049	0,299
CHR9	9535699	CHR9:9535699	SSF x LoA	-8,99224641	-0,123	0,296
CHR9	9540824	CHR9:9540824	SSF x LoA	-9,35534543	0,100	0,301
CHR9	9540844	CHR9:9540844	SSF x LoA	-8,53601567	0,041	0,307
CHR9	9540861	CHR9:9540861	SSF x LoA	-8,70428579	0,108	0,306
CHR9	9540867	CHR9:9540867	SSF x LoA	-10,2487272	0,142	0,302
CHR9	9540956	CHR9:9540956	SSF x LoA	-11,1794252	-0,026	0,302
CHR9	9543028	CHR9:9543028	SSF x LoA	-8,49989206	-0,028	0,307
CHR9	9543092	CHR9:9543092	SSF x LoA	-9,71588542	-0,140	0,292
CHR9	9543146	CHR9:9543146	SSF x LoA	-7,84804703	0,100	0,321
CHR9	9543186	CHR9:9543186	SSF x LoA	-9,67549495	-0,053	0,314
CHR9	9543270	CHR9:9543270	SSF x LoA	-11,9617053	0,073	0,305
CHR9	9543342	CHR9:9543342	SSF x LoA	-12,1480109	0,006	0,296
CHR9	9546420	CHR9:9546420	SSF x LoA	-8,86516499	-0,063	0,309
CHR9	9546450	CHR9:9546450	SSF x LoA	-9,92973076	0,127	0,301
CHR9	9546599	CHR9:9546599	SSF x LoA	-6,46903505	0,084	0,293
CHR9	9546613	CHR9:9546613	SSF x LoA	-8,60365251	-0,036	0,275
CHR9	9550820	CHR9:9550820	SSF x LoA	-8,59399735	0,026	0,301
CHR9	9550835	CHR9:9550835	SSF x LoA	-10,3391627	-0,079	0,307
CHR9	9550961	CHR9:9550961	SSF x LoA	-9,3494461	-0,011	0,302
CHR9	9551092	CHR9:9551092	SSF x LoA	-9,69741375	0,055	0,300
CHR9	9551100	CHR9:9551100	SSF x LoA	-6,27729258	0,067	0,322
CHR9	9551115	CHR9:9551115	SSF x LoA	-4,349276	-0,024	0,308
CHR9	9557773	CHR9:9557773	SSF x LoA	-8,86773756	0,055	0,299
CHR9	9557961	CHR9:9557961	SSF x LoA	-10,1453033	0,039	0,314
CHR9	9560959	CHR9:9560959	SSF x LoA	-10,328665	0,048	0,313
CHR9	9561080	CHR9:9561080	SSF x LoA	-10,0803599	0,003	0,332
CHR9	9568286	CHR9:9568286	SSF x LoA	-9,6886848	0,106	0,298
CHR9	9568296	CHR9:9568296	SSF x LoA	-6,59656263	0,119	0,304
CHR9	9568353	CHR9:9568353	SSF x LoA	-9,52188427	0,102	0,297
CHR9	9568409	CHR9:9568409	SSF x LoA	-8,03188964	-0,081	0,306
CHR9	9568523	CHR9:9568523	SSF x LoA	-8,85510113	0,011	0,323
CHR9	9568563	CHR9:9568563	SSF x LoA	-5,65745166	-0,186	0,292
CHR9	9572015	CHR9:9572015	SSF x LoA	-10,4606299	0,004	0,302
CHR9	9572277	CHR9:9572277	SSF x LoA	-10,2537686	0,009	0,309
CHR9	9574640	CHR9:9574640	SSF x LoA	-9,0995146	0,060	0,307
CHR9	9574649	CHR9:9574649	SSF x LoA	-8,50920435	0,142	0,303
CHR9	9579104	CHR9:9579104	SSF x LoA	-11,2544266	-0,017	0,296
CHR9	9579293	CHR9:9579293	SSF x LoA	-8,22392721	0,025	0,320
CHR9	9579301	CHR9:9579301	SSF x LoA	-10,3028744	-0,016	0,292
CHR9	9579305	CHR9:9579305	SSF x LoA	-10,062212	-0,015	0,304
CHR9	9589654	CHR9:9589654	SSF x LoA	-8,70998466	-0,018	0,297
CHR9	9590824	CHR9:9590824	SSF x LoA	-5,52799752	0,122	0,313
CHR9	9595521	CHR9:9595521	SSF x LoA	-9,76338314	0,045	0,299
CHR9	9595711	CHR9:9595711	SSF x LoA	-9,83515582	-0,061	0,302
CHR9	9595809	CHR9:9595809	SSF x LoA	-8,10160203	-0,004	0,300
CHR9	9607928	CHR9:9607928	SSF x LoA	-8,18134917	0,000	0,325
CHR9	9607935	CHR9:9607935	SSF x LoA	-9,36655143	-0,023	0,321
CHR9	9608027	CHR9:9608027	SSF x LoA	-7,77970505	-0,125	0,305
CHR9	9608081	CHR9:9608081	SSF x LoA	-9,88471853	0,118	0,306
CHR9	9611976	CHR9:9611976	SSF x LoA	-8,08513928	-0,060	0,299
CHR9	9621663	CHR9:9621663	SSF x LoA	-10,7802308	0,030	0,303
CHR9	9621683	CHR9:9621683	SSF x LoA	-2,96453191	-0,071	0,306

CHR9	9630820	CHR9:9630820	SSF x LoA	-3,78680296	0,182	0,295
CHR9	9630981	CHR9:9630981	SSF x LoA	-4,42039294	-0,250	0,289
CHR9	9633998	CHR9:9633998	SSF x LoA	-9,24929888	-0,013	0,314
CHR9	9634014	CHR9:9634014	SSF x LoA	-8,78258956	-0,031	0,294
CHR9	9634153	CHR9:9634153	SSF x LoA	-9,64033221	-0,078	0,305
CHR9	9635277	CHR9:9635277	SSF x LoA	-10,4610209	-0,021	0,304
CHR9	9635487	CHR9:9635487	SSF x LoA	-7,89844095	-0,115	0,300
CHR9	9635587	CHR9:9635587	SSF x LoA	-10,7584624	-0,082	0,309
CHR9	9639633	CHR9:9639633	SSF x LoA	-4,04276678	-0,055	0,307
CHR9	9639671	CHR9:9639671	SSF x LoA	-9,81940903	-0,079	0,293
CHR9	9639761	CHR9:9639761	SSF x LoA	-8,73715828	-0,011	0,302
CHR9	9639798	CHR9:9639798	SSF x LoA	-9,35513269	-0,037	0,304
CHR9	9639814	CHR9:9639814	SSF x LoA	-6,18306385	0,097	0,288
CHR9	9639815	CHR9:9639815	SSF x LoA	-7,21168842	-0,112	0,304
CHR9	9639836	CHR9:9639836	SSF x LoA	-4,64068599	0,135	0,302
CHR9	9639846	CHR9:9639846	SSF x LoA	-9,98653415	-0,027	0,293
CHR9	9639861	CHR9:9639861	SSF x LoA	-10,1159721	0,023	0,307
CHR9	9639879	CHR9:9639879	SSF x LoA	-10,6441842	-0,012	0,314
CHR9	9639883	CHR9:9639883	SSF x LoA	-7,15816532	-0,013	0,321
CHR9	9639905	CHR9:9639905	SSF x LoA	-10,5275967	0,012	0,305
CHR9	9639911	CHR9:9639911	SSF x LoA	-9,58860847	0,023	0,316
CHR9	9655151	CHR9:9655151	SSF x LoA	-8,29787094	0,056	0,313
CHR9	9655166	CHR9:9655166	SSF x LoA	-4,86267702	0,044	0,326
CHR9	9657833	CHR9:9657833	SSF x LoA	-8,95233721	-0,052	0,312
CHR9	9679301	CHR9:9679301	SSF x LoA	-10,920161	-0,072	0,303
CHR9	9679495	CHR9:9679495	SSF x LoA	3,36552209	0,077	0,291
CHR9	9679502	CHR9:9679502	SSF x LoA	-8,74925298	0,048	0,308
CHR9	9683955	CHR9:9683955	SSF x LoA	-10,1332772	0,070	0,300
CHR9	9684882	CHR9:9684882	SSF x LoA	-8,12480656	-0,126	0,303
CHR9	9688306	CHR9:9688306	SSF x LoA	-10,6767616	-0,115	0,298
CHR9	9696550	CHR9:9696550	SSF x LoA	-9,85277639	0,064	0,300
CHR9	9696750	CHR9:9696750	SSF x LoA	-7,31765113	-0,118	0,324
CHR9	9707934	CHR9:9707934	SSF x LoA	-8,02110934	-0,003	0,313
CHR9	9712986	CHR9:9712986	SSF x LoA	-10,410051	-0,047	0,308
CHR9	9713063	CHR9:9713063	SSF x LoA	-10,1168135	-0,063	0,313
CHR9	9719623	CHR9:9719623	SSF x LoA	-7,93072922	0,054	0,319
CHR9	9739633	CHR9:9739633	SSF x LoA	-8,42136928	0,085	0,308
CHR9	9741365	CHR9:9741365	SSF x LoA	-9,29278461	-0,016	0,310
CHR9	9741368	CHR9:9741368	SSF x LoA	-11,0435356	-0,009	0,298
CHR9	9741406	CHR9:9741406	SSF x LoA	-10,8593185	0,033	0,307
CHR9	974752	CHR9:974752	SSF x LoA	3,59542384	0,065	0,327
CHR9	9750790	CHR9:9750790	SSF x LoA	-11,1323899	-0,009	0,314
CHR9	9750801	CHR9:9750801	SSF x LoA	-11,1872239	-0,031	0,307
CHR9	9750813	CHR9:9750813	SSF x LoA	-8,32126838	0,032	0,320
CHR9	9750818	CHR9:9750818	SSF x LoA	-7,61545688	-0,179	0,304
CHR9	9750827	CHR9:9750827	SSF x LoA	-8,95326483	-0,004	0,314
CHR9	9750839	CHR9:9750839	SSF x LoA	-10,0624458	0,140	0,292
CHR9	9750857	CHR9:9750857	SSF x LoA	-10,1592142	-0,133	0,302
CHR9	9750859	CHR9:9750859	SSF x LoA	-9,71124753	-0,122	0,306
CHR9	9750862	CHR9:9750862	SSF x LoA	-8,81428719	-0,141	0,304
CHR9	9750864	CHR9:9750864	SSF x LoA	-9,99096213	-0,131	0,308
CHR9	9750871	CHR9:9750871	SSF x LoA	-10,1142353	-0,146	0,300
CHR9	9750879	CHR9:9750879	SSF x LoA	-10,2890662	-0,085	0,306

CHR9	9750886	CHR9:9750886	SSF x LoA	-10,3179926	-0,111	0,299
CHR9	9750894	CHR9:9750894	SSF x LoA	-10,5505249	-0,111	0,301
CHR9	9750932	CHR9:9750932	SSF x LoA	-8,1408085	0,017	0,322
CHR9	9750961	CHR9:9750961	SSF x LoA	-4,09304334	-0,169	0,296
CHR9	9750969	CHR9:9750969	SSF x LoA	-6,52649167	-0,137	0,313
CHR9	9756408	CHR9:9756408	SSF x LoA	-10,7106136	-0,050	0,304
CHR9	9764488	CHR9:9764488	SSF x LoA	-8,60634505	-0,010	0,311
CHR9	9764489	CHR9:9764489	SSF x LoA	-10,6826001	-0,012	0,308
CHR9	9764626	CHR9:9764626	SSF x LoA	-8,70359329	-0,186	0,299
CHR9	9764744	CHR9:9764744	SSF x LoA	-7,07226397	-0,051	0,315
CHR9	9765751	CHR9:9765751	SSF x LoA	-9,36032113	-0,064	0,304
CHR9	9772847	CHR9:9772847	SSF x LoA	-10,609953	0,048	0,312
CHR9	9772898	CHR9:9772898	SSF x LoA	-8,45074436	-0,102	0,299
CHR9	9772917	CHR9:9772917	SSF x LoA	-8,60046345	-0,109	0,308
CHR9	9772999	CHR9:9772999	SSF x LoA	-9,05445129	-0,021	0,324
CHR9	9773021	CHR9:9773021	SSF x LoA	-11,0171453	0,015	0,316
CHR9	9783178	CHR9:9783178	SSF x LoA	-7,954065	0,108	0,319
CHR9	9783187	CHR9:9783187	SSF x LoA	-9,05741269	0,098	0,302
CHR9	9783211	CHR9:9783211	SSF x LoA	-7,90277178	-0,032	0,295
CHR9	9783252	CHR9:9783252	SSF x LoA	-4,16485178	-0,119	0,305
CHR9	9783291	CHR9:9783291	SSF x LoA	-9,30425599	-0,010	0,303
CHR9	9783301	CHR9:9783301	SSF x LoA	-8,60969436	-0,007	0,302
CHR9	9789236	CHR9:9789236	SSF x LoA	4,98308632	0,235	0,307
CHR9	9792870	CHR9:9792870	SSF x LoA	-8,72113956	-0,165	0,299
CHR9	9792907	CHR9:9792907	SSF x LoA	-9,67686512	0,021	0,297
CHR9	9792947	CHR9:9792947	SSF x LoA	-10,5246829	-0,033	0,296
CHR9	9792954	CHR9:9792954	SSF x LoA	-6,8066855	0,055	0,330
CHR9	9792955	CHR9:9792955	SSF x LoA	-8,44730245	0,077	0,308
CHR9	9792969	CHR9:9792969	SSF x LoA	-10,1987963	0,003	0,311
CHR9	9792979	CHR9:9792979	SSF x LoA	-5,20550784	-0,211	0,307
CHR9	9793024	CHR9:9793024	SSF x LoA	-7,11857106	0,056	0,304
CHR9	9793026	CHR9:9793026	SSF x LoA	-6,52050945	0,082	0,306
CHR9	9793029	CHR9:9793029	SSF x LoA	-10,5551066	0,087	0,292
CHR9	9793039	CHR9:9793039	SSF x LoA	-6,93735535	0,094	0,301
CHR9	9793062	CHR9:9793062	SSF x LoA	-5,38018232	-0,072	0,302
CHR9	9796034	CHR9:9796034	SSF x LoA	-11,6011873	-0,055	0,305
CHR9	9796076	CHR9:9796076	SSF x LoA	-8,33164259	0,030	0,315
CHR9	9796087	CHR9:9796087	SSF x LoA	-11,2155446	-0,072	0,313
CHR9	9796944	CHR9:9796944	SSF x LoA	-10,4945667	-0,024	0,301
CHR9	9797026	CHR9:9797026	SSF x LoA	-9,12993808	-0,046	0,316
CHR9	9797041	CHR9:9797041	SSF x LoA	-9,98184091	-0,042	0,308
CHR9	9804190	CHR9:9804190	SSF x LoA	-7,24440036	-0,075	0,305
CHR9	9804217	CHR9:9804217	SSF x LoA	-9,04546518	-0,053	0,288
CHR9	9804243	CHR9:9804243	SSF x LoA	-9,25419533	-0,024	0,282
CHR9	9804250	CHR9:9804250	SSF x LoA	-8,80996691	0,005	0,300
CHR9	9808713	CHR9:9808713	SSF x LoA	-9,53066168	0,060	0,308
CHR9	9816896	CHR9:9816896	SSF x LoA	-6,72095848	0,040	0,297
CHR9	9816984	CHR9:9816984	SSF x LoA	-10,6859037	-0,066	0,304
CHR9	9816996	CHR9:9816996	SSF x LoA	-8,94375866	-0,002	0,307
CHR9	9817002	CHR9:9817002	SSF x LoA	-10,5174094	0,026	0,306
CHR9	9817014	CHR9:9817014	SSF x LoA	-10,3575282	0,047	0,309
CHR9	9817093	CHR9:9817093	SSF x LoA	-9,812981	-0,035	0,294
CHR9	9821372	CHR9:9821372	SSF x LoA	-12,0315541	0,021	0,301

CHR9	9821383	CHR9:9821383	SSF x LoA	-8,12084895	0,087	0,295
CHR9	9821393	CHR9:9821393	SSF x LoA	-9,25945327	0,097	0,299
CHR9	9821454	CHR9:9821454	SSF x LoA	-11,5192365	0,052	0,312
CHR9	9821464	CHR9:9821464	SSF x LoA	-10,4652826	-0,059	0,303
CHR9	9822038	CHR9:9822038	SSF x LoA	-9,79128685	0,045	0,309
CHR9	9822067	CHR9:9822067	SSF x LoA	-8,79944569	0,043	0,319
CHR9	9822110	CHR9:9822110	SSF x LoA	-7,29017236	-0,120	0,319
CHR9	9832994	CHR9:9832994	SSF x LoA	-8,16757681	0,114	0,313
CHR9	9843810	CHR9:9843810	SSF x LoA	-10,6943207	0,031	0,307
CHR9	9843867	CHR9:9843867	SSF x LoA	-8,03281746	0,118	0,306
CHR9	9843959	CHR9:9843959	SSF x LoA	-5,49721099	0,171	0,311
CHR9	984632	CHR9:984632	SSF x LoA	-8,87629249	0,040	0,306
CHR9	984636	CHR9:984636	SSF x LoA	-7,20042701	0,053	0,300
CHR9	9854120	CHR9:9854120	SSF x LoA	-5,47008068	-0,067	0,307
CHR9	9854133	CHR9:9854133	SSF x LoA	-9,10217513	-0,029	0,309
CHR9	9854184	CHR9:9854184	SSF x LoA	-9,40340602	-0,050	0,299
CHR9	9854235	CHR9:9854235	SSF x LoA	-8,3825863	-0,004	0,306
CHR9	9854242	CHR9:9854242	SSF x LoA	-9,80066047	-0,026	0,294
CHR9	9854262	CHR9:9854262	SSF x LoA	-0,59885904	-0,111	0,305
CHR9	9863989	CHR9:9863989	SSF x LoA	-7,97828866	0,015	0,317
CHR9	9864002	CHR9:9864002	SSF x LoA	-7,17640126	0,126	0,307
CHR9	9864093	CHR9:9864093	SSF x LoA	-10,5908258	0,023	0,295
CHR9	9864094	CHR9:9864094	SSF x LoA	-8,69820833	0,029	0,306
CHR9	9864095	CHR9:9864095	SSF x LoA	-7,76010246	0,015	0,320
CHR9	9864168	CHR9:9864168	SSF x LoA	-11,6498594	-0,009	0,295
CHR9	9864233	CHR9:9864233	SSF x LoA	-8,7940304	-0,094	0,299
CHR9	9864304	CHR9:9864304	SSF x LoA	-11,0831179	0,035	0,313
CHR9	9868566	CHR9:9868566	SSF x LoA	-9,40308153	0,092	0,308
CHR9	9868690	CHR9:9868690	SSF x LoA	-12,1163858	0,028	0,302
CHR9	9868782	CHR9:9868782	SSF x LoA	-9,25533472	0,032	0,302
CHR9	9868792	CHR9:9868792	SSF x LoA	-7,38364612	-0,075	0,303
CHR9	9878140	CHR9:9878140	SSF x LoA	-8,34753244	0,047	0,310
CHR9	9878241	CHR9:9878241	SSF x LoA	-11,0820272	-0,006	0,309
CHR9	9878242	CHR9:9878242	SSF x LoA	-8,20718366	-0,065	0,320
CHR9	9878283	CHR9:9878283	SSF x LoA	-10,2563321	0,067	0,303
CHR9	9878285	CHR9:9878285	SSF x LoA	-7,45702683	0,042	0,306
CHR9	9878333	CHR9:9878333	SSF x LoA	-9,21698279	0,010	0,296
CHR9	9878335	CHR9:9878335	SSF x LoA	1,26271129	0,027	0,311
CHR9	9878391	CHR9:9878391	SSF x LoA	-10,9054821	-0,092	0,308
CHR9	9881388	CHR9:9881388	SSF x LoA	-10,7004463	0,029	0,308
CHR9	9881402	CHR9:9881402	SSF x LoA	-9,8735461	-0,113	0,301
CHR9	9881423	CHR9:9881423	SSF x LoA	-11,9761208	0,012	0,307
CHR9	9881685	CHR9:9881685	SSF x LoA	-9,27692817	0,032	0,304
CHR9	9881690	CHR9:9881690	SSF x LoA	-8,04192817	0,043	0,310
CHR9	9887397	CHR9:9887397	SSF x LoA	-10,5664663	-0,039	0,310
CHR9	9887526	CHR9:9887526	SSF x LoA	-9,27975309	-0,073	0,305
CHR9	9888924	CHR9:9888924	SSF x LoA	-7,72562552	-0,084	0,319
CHR9	9888966	CHR9:9888966	SSF x LoA	-9,67696927	0,096	0,303
CHR9	9888973	CHR9:9888973	SSF x LoA	-9,07263833	-0,109	0,317
CHR9	9889083	CHR9:9889083	SSF x LoA	-11,56787	-0,021	0,307
CHR9	9891448	CHR9:9891448	SSF x LoA	-7,97040599	0,041	0,299
CHR9	9891465	CHR9:9891465	SSF x LoA	-9,8896137	-0,003	0,314
CHR9	9891471	CHR9:9891471	SSF x LoA	-7,84381353	-0,030	0,324

CHR9	9891492	CHR9:9891492	SSF x LoA	-0,17252397	-0,148	0,298
CHR9	9891524	CHR9:9891524	SSF x LoA	-7,67976392	-0,038	0,295
CHR9	9891584	CHR9:9891584	SSF x LoA	-11,0846517	0,014	0,309
CHR9	9891612	CHR9:9891612	SSF x LoA	-9,05447315	-0,061	0,302
CHR9	9891634	CHR9:9891634	SSF x LoA	-9,46150014	0,026	0,309
CHR9	9891695	CHR9:9891695	SSF x LoA	-10,1274996	-0,065	0,304
CHR9	9893785	CHR9:9893785	SSF x LoA	-11,8475166	-0,012	0,311
CHR9	9893823	CHR9:9893823	SSF x LoA	-8,66357936	-0,037	0,327
CHR9	9893968	CHR9:9893968	SSF x LoA	-8,97618823	-0,023	0,313
CHR9	9894043	CHR9:9894043	SSF x LoA	-7,69771585	0,098	0,313
CHR9	9919747	CHR9:9919747	SSF x LoA	-10,6211049	-0,037	0,320
CHR9	9920077	CHR9:9920077	SSF x LoA	-9,76226366	0,031	0,296
CHR9	9925935	CHR9:9925935	SSF x LoA	-8,40202867	0,061	0,309
CHR9	9925984	CHR9:9925984	SSF x LoA	-8,37644729	-0,048	0,306
CHR9	9926003	CHR9:9926003	SSF x LoA	-9,57166281	-0,016	0,309
CHR9	9930064	CHR9:9930064	SSF x LoA	-6,9389302	-0,078	0,318
CHR9	9932599	CHR9:9932599	SSF x LoA	-8,38393076	-0,097	0,313
CHR9	9938401	CHR9:9938401	SSF x LoA	-9,04990875	-0,099	0,308
CHR9	9938444	CHR9:9938444	SSF x LoA	-10,5346051	-0,085	0,310
CHR9	9938486	CHR9:9938486	SSF x LoA	-11,3695146	-0,050	0,311
CHR9	9938590	CHR9:9938590	SSF x LoA	-7,17643142	0,042	0,309
CHR9	9938601	CHR9:9938601	SSF x LoA	-9,89899472	0,030	0,295
CHR9	9938652	CHR9:9938652	SSF x LoA	-7,93614263	-0,016	0,326
CHR9	9945944	CHR9:9945944	SSF x LoA	-9,79400599	0,052	0,313
CHR9	9952884	CHR9:9952884	SSF x LoA	-10,7909844	0,011	0,315
CHR9	9952921	CHR9:9952921	SSF x LoA	-8,36140601	0,087	0,308
CHR9	9952993	CHR9:9952993	SSF x LoA	-8,51215284	0,096	0,313
CHR9	9953020	CHR9:9953020	SSF x LoA	-9,60126865	0,079	0,303
CHR9	9953027	CHR9:9953027	SSF x LoA	-7,0011952	-0,067	0,297
CHR9	9953076	CHR9:9953076	SSF x LoA	-7,95530407	0,094	0,300
CHR9	9953091	CHR9:9953091	SSF x LoA	-8,45635689	-0,061	0,311
CHR9	9956988	CHR9:9956988	SSF x LoA	-7,7830977	-0,087	0,302
CHR9	9968301	CHR9:9968301	SSF x LoA	-11,7337727	-0,016	0,292
CHR9	9968376	CHR9:9968376	SSF x LoA	-8,31330721	0,016	0,325
CHR9	9980765	CHR9:9980765	SSF x LoA	-8,22083144	0,067	0,314
CHR9	9980943	CHR9:9980943	SSF x LoA	-8,41886986	-0,086	0,307
CHR9	9983878	CHR9:9983878	SSF x LoA	-10,6334954	0,004	0,303
CHR9	9983909	CHR9:9983909	SSF x LoA	-10,3139565	-0,079	0,308
CHR9	9983940	CHR9:9983940	SSF x LoA	-9,8766593	0,053	0,306
CHR9	9987836	CHR9:9987836	SSF x LoA	-9,26400209	0,010	0,304
CHR9	9999032	CHR9:9999032	SSF x LoA	-8,38837612	-0,151	0,294
CHR1	1E+07	CHR1:10001248	SSF x Near_LoA	-10,834298	0,076	0,289
CHR1	1E+07	CHR1:10001777	SSF x Near_LoA	-6,45152691	0,115	0,302
CHR1	1E+07	CHR1:10001779	SSF x Near_LoA	-7,44730874	0,119	0,305
CHR1	1E+07	CHR1:10001868	SSF x Near_LoA	-11,6167309	0,016	0,310
CHR1	1E+07	CHR1:10011316	SSF x Near_LoA	-10,3460094	0,039	0,318
CHR1	1E+07	CHR1:10011436	SSF x Near_LoA	-10,5117704	0,084	0,317
CHR1	1E+07	CHR1:10017110	SSF x Near_LoA	-6,91419604	-0,128	0,293
CHR1	1E+07	CHR1:10020657	SSF x Near_LoA	-11,2084159	0,044	0,299
CHR1	1E+07	CHR1:10020711	SSF x Near_LoA	-9,97313975	0,130	0,303
CHR1	1E+07	CHR1:10046683	SSF x Near_LoA	-4,224038	-0,121	0,307
CHR1	1E+07	CHR1:10046702	SSF x Near_LoA	-5,10313242	-0,175	0,305
CHR1	1E+07	CHR1:10046725	SSF x Near_LoA	-11,6157727	-0,008	0,308

CHR1	1E+07	CHR1:10046756	SSF x Near_LoA	-8,47212332	0,028	0,304
CHR1	1E+07	CHR1:10051923	SSF x Near_LoA	-6,00876075	-0,147	0,315
CHR1	1E+07	CHR1:10052086	SSF x Near_LoA	-9,97595761	-0,024	0,310
CHR1	1E+07	CHR1:10052208	SSF x Near_LoA	-8,31443252	0,108	0,295
CHR1	1E+07	CHR1:10054056	SSF x Near_LoA	-7,79591436	0,050	0,311
CHR1	1E+07	CHR1:10054072	SSF x Near_LoA	-9,29542974	-0,047	0,305
CHR1	1E+07	CHR1:10054130	SSF x Near_LoA	-6,54463521	-0,051	0,322
CHR1	1005805	CHR1:1005805	SSF x Near_LoA	-9,07442861	0,056	0,305
CHR1	1005872	CHR1:1005872	SSF x Near_LoA	-10,4546932	-0,016	0,315
CHR1	1E+07	CHR1:10068281	SSF x Near_LoA	-8,98938236	-0,106	0,303
CHR1	1E+07	CHR1:10071778	SSF x Near_LoA	-11,0929641	-0,009	0,304
CHR1	1E+07	CHR1:10071787	SSF x Near_LoA	-7,65509456	0,007	0,303
CHR1	1E+07	CHR1:10071813	SSF x Near_LoA	-11,0785698	0,016	0,315
CHR1	1E+07	CHR1:10071828	SSF x Near_LoA	-8,96003278	0,088	0,308
CHR1	1E+07	CHR1:10071843	SSF x Near_LoA	-9,72137172	0,063	0,311
CHR1	1E+07	CHR1:10071881	SSF x Near_LoA	-9,41019364	-0,081	0,326
CHR1	1E+07	CHR1:10071890	SSF x Near_LoA	-9,9176122	-0,054	0,299
CHR1	1E+07	CHR1:10072898	SSF x Near_LoA	-9,76561802	-0,156	0,317
CHR1	1E+07	CHR1:10084992	SSF x Near_LoA	-9,83733323	-0,009	0,318
CHR1	1E+07	CHR1:10084998	SSF x Near_LoA	-7,71314055	0,013	0,310
CHR1	1E+07	CHR1:10085023	SSF x Near_LoA	-8,26497271	-0,036	0,307
CHR1	1009498	CHR1:1009498	SSF x Near_LoA	-10,9440453	0,002	0,309
CHR1	1009518	CHR1:1009518	SSF x Near_LoA	-9,1518814	-0,052	0,317
CHR1	1009521	CHR1:1009521	SSF x Near_LoA	-8,83470996	-0,030	0,320
CHR1	1009523	CHR1:1009523	SSF x Near_LoA	-9,80833981	-0,041	0,306
CHR1	1E+07	CHR1:10106682	SSF x Near_LoA	-9,12789076	0,008	0,318
CHR1	1E+07	CHR1:10106729	SSF x Near_LoA	-8,79816315	0,021	0,295
CHR1	1E+07	CHR1:10106921	SSF x Near_LoA	-11,324563	0,039	0,314
CHR1	1E+07	CHR1:10120282	SSF x Near_LoA	-4,70417457	-0,124	0,289
CHR1	1E+07	CHR1:10120286	SSF x Near_LoA	-10,515638	-0,001	0,310
CHR1	1E+07	CHR1:10120303	SSF x Near_LoA	-11,4886959	0,015	0,309
CHR1	1E+07	CHR1:10120321	SSF x Near_LoA	-11,7011811	0,061	0,306
CHR1	1E+07	CHR1:10129980	SSF x Near_LoA	-9,24818375	-0,006	0,295
CHR1	1E+07	CHR1:10129986	SSF x Near_LoA	-6,59143914	-0,030	0,316
CHR1	1E+07	CHR1:10129994	SSF x Near_LoA	-10,4054238	-0,016	0,291
CHR1	1E+07	CHR1:10129999	SSF x Near_LoA	-7,91013212	0,068	0,314
CHR1	1E+07	CHR1:10130011	SSF x Near_LoA	-8,45649716	0,067	0,320
CHR1	1E+07	CHR1:10130012	SSF x Near_LoA	-8,5051285	-0,020	0,302
CHR1	1E+07	CHR1:10130027	SSF x Near_LoA	-9,67091437	0,073	0,305
CHR1	1E+07	CHR1:10130032	SSF x Near_LoA	-9,14069535	0,071	0,305
CHR1	1E+07	CHR1:10130045	SSF x Near_LoA	-9,57941927	0,032	0,315
CHR1	1E+07	CHR1:10130049	SSF x Near_LoA	-8,2423207	0,018	0,307
CHR1	1E+07	CHR1:10130108	SSF x Near_LoA	-8,26552316	0,004	0,311
CHR1	1E+07	CHR1:10130179	SSF x Near_LoA	-8,73847242	-0,068	0,312
CHR1	1E+07	CHR1:10130186	SSF x Near_LoA	-9,91450947	-0,076	0,295
CHR1	1E+07	CHR1:10130200	SSF x Near_LoA	-7,27878303	0,072	0,315
CHR1	1013509	CHR1:1013509	SSF x Near_LoA	-8,2979637	-0,009	0,309
CHR1	1013573	CHR1:1013573	SSF x Near_LoA	-10,242688	-0,091	0,306
CHR1	1013597	CHR1:1013597	SSF x Near_LoA	-11,1161036	0,046	0,290
CHR1	1E+07	CHR1:10140225	SSF x Near_LoA	-10,7243776	0,067	0,310
CHR1	1E+07	CHR1:10140340	SSF x Near_LoA	-8,62209865	0,028	0,307
CHR1	1E+07	CHR1:10140354	SSF x Near_LoA	-10,3190387	0,096	0,309
CHR1	1E+07	CHR1:10145449	SSF x Near_LoA	-8,78924566	0,078	0,300

CHR1	1E+07	CHR1:10152549	SSF x Near_LoA	-7,56881664	0,121	0,288
CHR1	1E+07	CHR1:10152568	SSF x Near_LoA	-8,2437548	0,108	0,289
CHR1	1E+07	CHR1:10152581	SSF x Near_LoA	-8,83448514	0,024	0,301
CHR1	1E+07	CHR1:10152588	SSF x Near_LoA	-10,2355962	0,114	0,293
CHR1	1E+07	CHR1:10152617	SSF x Near_LoA	-8,82395418	0,005	0,320
CHR1	1E+07	CHR1:10152689	SSF x Near_LoA	-7,63693332	0,010	0,318
CHR1	1E+07	CHR1:10152726	SSF x Near_LoA	-8,55879405	-0,041	0,300
CHR1	1E+07	CHR1:10152728	SSF x Near_LoA	-8,09992881	-0,041	0,297
CHR1	1E+07	CHR1:10152765	SSF x Near_LoA	-9,70318584	0,048	0,313
CHR1	1E+07	CHR1:10152784	SSF x Near_LoA	-10,5357506	0,142	0,308
CHR1	1E+07	CHR1:10152794	SSF x Near_LoA	-9,2859126	0,017	0,305
CHR1	1E+07	CHR1:10156996	SSF x Near_LoA	-6,77965192	-0,109	0,311
CHR1	1020054	CHR1:1020054	SSF x Near_LoA	-8,65487815	0,108	0,320
CHR1	1E+07	CHR1:10210572	SSF x Near_LoA	-10,1605141	-0,077	0,304
CHR1	1E+07	CHR1:10210609	SSF x Near_LoA	-8,5773868	-0,083	0,311
CHR1	1E+07	CHR1:10210695	SSF x Near_LoA	-7,47301012	0,043	0,311
CHR1	1E+07	CHR1:10211924	SSF x Near_LoA	-11,3687384	-0,020	0,303
CHR1	1E+07	CHR1:10211955	SSF x Near_LoA	-10,7382828	0,019	0,319
CHR1	1021523	CHR1:1021523	SSF x Near_LoA	-10,3424904	0,090	0,305
CHR1	1021524	CHR1:1021524	SSF x Near_LoA	-7,65133797	0,044	0,313
CHR1	1E+07	CHR1:10216448	SSF x Near_LoA	-7,53468914	-0,090	0,316
CHR1	1E+07	CHR1:10216678	SSF x Near_LoA	-8,71099978	0,035	0,302
CHR1	1E+07	CHR1:10216723	SSF x Near_LoA	-8,60755976	0,003	0,286
CHR1	1E+07	CHR1:10224710	SSF x Near_LoA	-8,24825359	-0,087	0,312
CHR1	1E+07	CHR1:10232666	SSF x Near_LoA	-11,7362034	-0,071	0,309
CHR1	1E+07	CHR1:10243514	SSF x Near_LoA	-11,370721	-0,038	0,320
CHR1	1E+07	CHR1:10245533	SSF x Near_LoA	-8,97036843	0,046	0,308
CHR1	1E+07	CHR1:10245601	SSF x Near_LoA	-10,1958129	-0,085	0,312
CHR1	1E+07	CHR1:10245675	SSF x Near_LoA	-6,12574965	0,052	0,310
CHR1	1E+07	CHR1:10245779	SSF x Near_LoA	-9,48572376	-0,014	0,309
CHR1	1E+07	CHR1:10248022	SSF x Near_LoA	-9,41433153	-0,022	0,308
CHR1	1E+07	CHR1:10248042	SSF x Near_LoA	-6,5805398	0,099	0,316
CHR1	1E+07	CHR1:10248087	SSF x Near_LoA	-8,97786929	-0,053	0,312
CHR1	1E+07	CHR1:10248224	SSF x Near_LoA	-8,54957503	0,040	0,316
CHR1	1E+07	CHR1:10248317	SSF x Near_LoA	-0,80150891	-0,084	0,313
CHR1	1E+07	CHR1:10256594	SSF x Near_LoA	-7,29403198	0,034	0,295
CHR1	1E+07	CHR1:10273429	SSF x Near_LoA	-9,92375656	-0,028	0,313
CHR1	1E+07	CHR1:10273512	SSF x Near_LoA	-9,08852654	0,063	0,315
CHR1	1E+07	CHR1:10275192	SSF x Near_LoA	-9,51754097	0,115	0,285
CHR1	1E+07	CHR1:10275299	SSF x Near_LoA	-6,56640817	-0,030	0,326
CHR1	1E+07	CHR1:10277633	SSF x Near_LoA	-9,24552654	0,070	0,307
CHR1	1E+07	CHR1:10277643	SSF x Near_LoA	-10,4894261	0,064	0,303
CHR1	1E+07	CHR1:10277654	SSF x Near_LoA	-8,97330455	0,104	0,306
CHR1	1E+07	CHR1:10277660	SSF x Near_LoA	-8,81827414	-0,063	0,317
CHR1	1E+07	CHR1:10277721	SSF x Near_LoA	-10,6781637	0,068	0,297
CHR1	1E+07	CHR1:10277777	SSF x Near_LoA	-7,2553978	-0,155	0,303
CHR1	1E+07	CHR1:10283714	SSF x Near_LoA	-11,7414053	0,050	0,310
CHR1	1E+07	CHR1:10283767	SSF x Near_LoA	-1,34106788	0,114	0,311
CHR1	1E+07	CHR1:10283851	SSF x Near_LoA	-11,1249955	0,009	0,306
CHR1	1E+07	CHR1:10307184	SSF x Near_LoA	-7,62802821	0,050	0,311
CHR1	1E+07	CHR1:10308886	SSF x Near_LoA	-4,23461649	0,013	0,311
CHR1	1E+07	CHR1:10324395	SSF x Near_LoA	-10,84389	0,032	0,325
CHR1	1E+07	CHR1:10324545	SSF x Near_LoA	-12,3956397	-0,060	0,309

CHR1	1E+07	CHR1:10324549	SSF x Near_LoA	-10,628196	-0,043	0,304
CHR1	1E+07	CHR1:10324596	SSF x Near_LoA	-10,4824082	-0,082	0,299
CHR1	1E+07	CHR1:10324620	SSF x Near_LoA	-10,4897575	-0,061	0,314
CHR1	1E+07	CHR1:10324621	SSF x Near_LoA	-7,29751672	0,107	0,299
CHR1	1E+07	CHR1:10324650	SSF x Near_LoA	-8,49527307	0,086	0,316
CHR1	1E+07	CHR1:10324678	SSF x Near_LoA	-9,31770692	0,073	0,302
CHR1	1E+07	CHR1:10326022	SSF x Near_LoA	-6,29551742	-0,089	0,320
CHR1	1E+07	CHR1:10326113	SSF x Near_LoA	-10,2669686	0,059	0,299
CHR1	1E+07	CHR1:10326213	SSF x Near_LoA	-8,28881617	0,067	0,318
CHR1	1E+07	CHR1:10326275	SSF x Near_LoA	-7,87255474	0,171	0,297
CHR1	1E+07	CHR1:10335084	SSF x Near_LoA	-7,78493014	-0,130	0,304
CHR1	1E+07	CHR1:10335128	SSF x Near_LoA	-11,6241533	0,012	0,305
CHR1	1035419	CHR1:1035419	SSF x Near_LoA	-9,25228036	0,016	0,315
CHR1	1E+07	CHR1:10354836	SSF x Near_LoA	-10,3579496	-0,039	0,315
CHR1	1E+07	CHR1:10354844	SSF x Near_LoA	-5,31303354	-0,091	0,307
CHR1	1E+07	CHR1:10354861	SSF x Near_LoA	-11,3916156	-0,031	0,310
CHR1	1E+07	CHR1:10354862	SSF x Near_LoA	-9,04676491	0,024	0,299
CHR1	1E+07	CHR1:10354877	SSF x Near_LoA	-9,52788406	0,065	0,296
CHR1	1E+07	CHR1:10354966	SSF x Near_LoA	-11,0153214	0,084	0,309
CHR1	1E+07	CHR1:10355031	SSF x Near_LoA	-9,28385536	0,044	0,292
CHR1	1E+07	CHR1:10358913	SSF x Near_LoA	-8,49180578	0,125	0,308
CHR1	1E+07	CHR1:10359187	SSF x Near_LoA	-6,09688877	0,200	0,277
CHR1	1E+07	CHR1:10359193	SSF x Near_LoA	-6,14438019	0,188	0,293
CHR1	1E+07	CHR1:10359208	SSF x Near_LoA	-6,24916759	0,119	0,304
CHR1	1E+07	CHR1:10359217	SSF x Near_LoA	-9,14228348	0,057	0,310
CHR1	1E+07	CHR1:10359221	SSF x Near_LoA	2,52664638	0,114	0,307
CHR1	1E+07	CHR1:10359254	SSF x Near_LoA	-9,54165887	-0,079	0,295
CHR1	1E+07	CHR1:10359277	SSF x Near_LoA	-9,1436457	-0,060	0,314
CHR1	1E+07	CHR1:10359308	SSF x Near_LoA	-8,72149844	0,113	0,308
CHR1	1037595	CHR1:1037595	SSF x Near_LoA	-9,97332841	0,123	0,297
CHR1	1E+07	CHR1:10376135	SSF x Near_LoA	-9,52846945	-0,125	0,323
CHR1	1E+07	CHR1:10376229	SSF x Near_LoA	-10,1342777	0,023	0,295
CHR1	1E+07	CHR1:10376283	SSF x Near_LoA	-9,28914941	0,048	0,314
CHR1	1E+07	CHR1:10376303	SSF x Near_LoA	-11,0902282	-0,020	0,309
CHR1	1E+07	CHR1:10388907	SSF x Near_LoA	-10,975283	0,050	0,299
CHR1	1E+07	CHR1:10388918	SSF x Near_LoA	-7,58791365	-0,002	0,312
CHR1	1E+07	CHR1:10389053	SSF x Near_LoA	-9,25126425	-0,140	0,310
CHR1	1E+07	CHR1:10390615	SSF x Near_LoA	-9,88857463	-0,107	0,304
CHR1	1E+07	CHR1:10390677	SSF x Near_LoA	-9,49995434	0,024	0,312
CHR1	1E+07	CHR1:10390713	SSF x Near_LoA	-10,0498396	-0,117	0,308
CHR1	1E+07	CHR1:10400945	SSF x Near_LoA	-6,45759244	0,044	0,313
CHR1	1E+07	CHR1:10400959	SSF x Near_LoA	-9,08043197	0,011	0,306
CHR1	1E+07	CHR1:10400960	SSF x Near_LoA	-10,0063458	0,024	0,305
CHR1	1E+07	CHR1:10400961	SSF x Near_LoA	-7,48521477	-0,011	0,303
CHR1	1E+07	CHR1:10400989	SSF x Near_LoA	-9,7200065	-0,073	0,321
CHR1	1E+07	CHR1:10401320	SSF x Near_LoA	-11,1098172	-0,106	0,317
CHR1	1E+07	CHR1:10401350	SSF x Near_LoA	-8,13494839	0,009	0,301
CHR1	1E+07	CHR1:10401354	SSF x Near_LoA	-9,12636322	0,006	0,307
CHR1	1E+07	CHR1:10404293	SSF x Near_LoA	-5,14169734	0,114	0,298
CHR1	1040522	CHR1:1040522	SSF x Near_LoA	-10,9136424	-0,021	0,299
CHR1	1041295	CHR1:1041295	SSF x Near_LoA	-9,97815972	0,054	0,297
CHR1	1041298	CHR1:1041298	SSF x Near_LoA	-9,47458851	-0,008	0,311
CHR1	1E+07	CHR1:10415178	SSF x Near_LoA	-9,09640635	-0,036	0,290

CHR1	1E+07	CHR1:10415181	SSF x Near_LoA	-7,52886044	-0,052	0,301
CHR1	1E+07	CHR1:10423699	SSF x Near_LoA	-10,7939174	-0,058	0,304
CHR1	1E+07	CHR1:10423730	SSF x Near_LoA	-10,9653091	-0,092	0,297
CHR1	1042405	CHR1:1042405	SSF x Near_LoA	-6,29672686	-0,073	0,320
CHR1	1E+07	CHR1:10435073	SSF x Near_LoA	-9,14182256	-0,070	0,299
CHR1	1E+07	CHR1:10442664	SSF x Near_LoA	3,55239543	0,122	0,291
CHR1	1E+07	CHR1:10442746	SSF x Near_LoA	-8,33092388	-0,147	0,301
CHR1	1E+07	CHR1:10443005	SSF x Near_LoA	-8,55288116	-0,061	0,310
CHR1	1E+07	CHR1:10445093	SSF x Near_LoA	-10,6592039	-0,110	0,301
CHR1	1E+07	CHR1:10445192	SSF x Near_LoA	-9,61827515	-0,151	0,296
CHR1	1E+07	CHR1:10446633	SSF x Near_LoA	-9,05619017	0,018	0,311
CHR1	1E+07	CHR1:10446691	SSF x Near_LoA	-8,5949649	0,149	0,312
CHR1	1E+07	CHR1:10446727	SSF x Near_LoA	-11,6534781	-0,016	0,304
CHR1	1E+07	CHR1:10446744	SSF x Near_LoA	-10,2940444	0,123	0,308
CHR1	1044836	CHR1:1044836	SSF x Near_LoA	-10,9819255	-0,055	0,294
CHR1	1044837	CHR1:1044837	SSF x Near_LoA	-11,0674302	-0,064	0,297
CHR1	1045086	CHR1:1045086	SSF x Near_LoA	-9,68623662	-0,008	0,316
CHR1	1E+07	CHR1:10458801	SSF x Near_LoA	-9,76349927	0,156	0,298
CHR1	1E+07	CHR1:10459170	SSF x Near_LoA	-11,1437351	0,029	0,312
CHR1	1E+07	CHR1:10459261	SSF x Near_LoA	-11,3215544	0,026	0,307
CHR1	1E+07	CHR1:10461359	SSF x Near_LoA	-9,42579314	0,091	0,308
CHR1	1E+07	CHR1:10461368	SSF x Near_LoA	-10,2039791	-0,113	0,313
CHR1	1E+07	CHR1:10461607	SSF x Near_LoA	-10,9972933	0,037	0,303
CHR1	1E+07	CHR1:10468128	SSF x Near_LoA	-9,12389329	-0,098	0,318
CHR1	1E+07	CHR1:10478574	SSF x Near_LoA	-7,17093803	0,033	0,324
CHR1	1E+07	CHR1:10478582	SSF x Near_LoA	-9,10689369	0,046	0,321
CHR1	1E+07	CHR1:10478733	SSF x Near_LoA	-6,05550598	0,075	0,314
CHR1	1E+07	CHR1:10483979	SSF x Near_LoA	-6,77446579	-0,037	0,317
CHR1	1E+07	CHR1:10484004	SSF x Near_LoA	-7,00073932	-0,026	0,308
CHR1	1E+07	CHR1:10484033	SSF x Near_LoA	-8,05958343	0,100	0,310
CHR1	1E+07	CHR1:10487672	SSF x Near_LoA	-7,88540712	-0,060	0,294
CHR1	1E+07	CHR1:10489530	SSF x Near_LoA	-10,3649285	0,130	0,296
CHR1	1E+07	CHR1:10489705	SSF x Near_LoA	-7,73458157	0,152	0,309
CHR1	1E+07	CHR1:10493190	SSF x Near_LoA	-9,33799151	0,141	0,292
CHR1	1E+07	CHR1:10495646	SSF x Near_LoA	-10,9144226	0,040	0,302
CHR1	1E+07	CHR1:10495804	SSF x Near_LoA	-8,2867006	0,023	0,314
CHR1	1E+07	CHR1:10499601	SSF x Near_LoA	-9,16851294	0,027	0,313
CHR1	1E+07	CHR1:10499635	SSF x Near_LoA	-7,53367269	-0,136	0,315
CHR1	1E+07	CHR1:10499699	SSF x Near_LoA	-5,56634195	-0,160	0,311
CHR1	1E+07	CHR1:10499863	SSF x Near_LoA	-8,09812051	-0,034	0,314
CHR1	1E+07	CHR1:10499965	SSF x Near_LoA	-8,43970571	-0,076	0,313
CHR1	1055227	CHR1:1055227	SSF x Near_LoA	-10,0763522	-0,136	0,302
CHR1	1055254	CHR1:1055254	SSF x Near_LoA	-11,7928996	-0,055	0,293
CHR1	1055261	CHR1:1055261	SSF x Near_LoA	-11,4075722	-0,046	0,310
CHR1	10572802	CHR1:10572802	SSF x Near_LoA	-11,0760964	0,020	0,308
CHR1	10573564	CHR1:10573564	SSF x Near_LoA	-9,49248875	0,096	0,310
CHR1	10575408	CHR1:10575408	SSF x Near_LoA	-8,88407228	-0,034	0,308
CHR1	10575436	CHR1:10575436	SSF x Near_LoA	-10,9300131	-0,126	0,309
CHR1	10578457	CHR1:10578457	SSF x Near_LoA	-8,00114986	0,208	0,294
CHR1	10578461	CHR1:10578461	SSF x Near_LoA	-6,40138169	0,096	0,307
CHR1	10578497	CHR1:10578497	SSF x Near_LoA	-7,78897535	0,181	0,296
CHR1	10578556	CHR1:10578556	SSF x Near_LoA	-6,168253	0,174	0,301
CHR1	10578600	CHR1:10578600	SSF x Near_LoA	-8,40212763	0,121	0,296

CHR1	10578671	CHR1:10578671	SSF x Near_LoA	-7,52628598	0,184	0,297
CHR1	10578673	CHR1:10578673	SSF x Near_LoA	-8,19272653	0,157	0,285
CHR1	10578674	CHR1:10578674	SSF x Near_LoA	-7,98144841	0,133	0,314
CHR1	10584437	CHR1:10584437	SSF x Near_LoA	-9,5517769	-0,109	0,303
CHR1	10584462	CHR1:10584462	SSF x Near_LoA	-7,58466173	-0,164	0,302
CHR1	10587387	CHR1:10587387	SSF x Near_LoA	-9,48045187	-0,039	0,308
CHR1	10593080	CHR1:10593080	SSF x Near_LoA	-10,7581758	0,025	0,313
CHR1	10595389	CHR1:10595389	SSF x Near_LoA	-7,05981002	-0,050	0,311
CHR1	10595481	CHR1:10595481	SSF x Near_LoA	-9,72976785	0,100	0,308
CHR1	10595591	CHR1:10595591	SSF x Near_LoA	-6,74072342	-0,076	0,323
CHR1	1059798	CHR1:1059798	SSF x Near_LoA	-10,3422663	0,141	0,292
CHR1	1059802	CHR1:1059802	SSF x Near_LoA	-8,08452037	-0,100	0,313
CHR1	1059852	CHR1:1059852	SSF x Near_LoA	-11,2269752	-0,067	0,312
CHR1	10619317	CHR1:10619317	SSF x Near_LoA	-8,73793409	-0,071	0,305
CHR1	10619617	CHR1:10619617	SSF x Near_LoA	-10,4433454	0,030	0,311
CHR1	10619663	CHR1:10619663	SSF x Near_LoA	-10,4895198	-0,028	0,317
CHR1	10619678	CHR1:10619678	SSF x Near_LoA	-10,4812919	-0,036	0,300
CHR1	10623515	CHR1:10623515	SSF x Near_LoA	-10,5781497	0,018	0,321
CHR1	10623582	CHR1:10623582	SSF x Near_LoA	-9,81416711	-0,014	0,303
CHR1	10623586	CHR1:10623586	SSF x Near_LoA	-9,58611706	-0,020	0,309
CHR1	10623602	CHR1:10623602	SSF x Near_LoA	-11,0113444	-0,077	0,311
CHR1	10623621	CHR1:10623621	SSF x Near_LoA	-10,4933516	-0,044	0,286
CHR1	10637288	CHR1:10637288	SSF x Near_LoA	-7,69084419	-0,023	0,309
CHR1	10639369	CHR1:10639369	SSF x Near_LoA	-10,7024661	-0,005	0,309
CHR1	10639401	CHR1:10639401	SSF x Near_LoA	-9,44363481	-0,116	0,317
CHR1	10639428	CHR1:10639428	SSF x Near_LoA	-6,59816613	-0,119	0,317
CHR1	10640559	CHR1:10640559	SSF x Near_LoA	-3,21603065	-0,240	0,319
CHR1	10640607	CHR1:10640607	SSF x Near_LoA	-7,23933066	-0,028	0,317
CHR1	10646029	CHR1:10646029	SSF x Near_LoA	-8,3068916	0,029	0,301
CHR1	1064678	CHR1:1064678	SSF x Near_LoA	-6,7147807	0,214	0,297
CHR1	10647871	CHR1:10647871	SSF x Near_LoA	-10,5526395	0,006	0,300
CHR1	10647979	CHR1:10647979	SSF x Near_LoA	-11,1143712	0,055	0,310
CHR1	1064870	CHR1:1064870	SSF x Near_LoA	-9,9562271	0,177	0,303
CHR1	1064904	CHR1:1064904	SSF x Near_LoA	-10,8488582	-0,026	0,302
CHR1	10657621	CHR1:10657621	SSF x Near_LoA	-10,5928961	0,064	0,306
CHR1	10672754	CHR1:10672754	SSF x Near_LoA	-10,7729353	-0,062	0,292
CHR1	10683183	CHR1:10683183	SSF x Near_LoA	-7,76644213	0,039	0,308
CHR1	10683334	CHR1:10683334	SSF x Near_LoA	-8,84935853	0,125	0,292
CHR1	10683417	CHR1:10683417	SSF x Near_LoA	-9,72432579	-0,042	0,312
CHR1	10695133	CHR1:10695133	SSF x Near_LoA	-8,34152018	-0,044	0,293
CHR1	10695140	CHR1:10695140	SSF x Near_LoA	-10,2165871	-0,050	0,327
CHR1	10695150	CHR1:10695150	SSF x Near_LoA	-6,24602461	0,069	0,293
CHR1	10695155	CHR1:10695155	SSF x Near_LoA	-8,30456431	0,041	0,291
CHR1	10695229	CHR1:10695229	SSF x Near_LoA	-7,95585123	-0,129	0,312
CHR1	10695259	CHR1:10695259	SSF x Near_LoA	-8,30977291	-0,079	0,306
CHR1	10695320	CHR1:10695320	SSF x Near_LoA	-9,43721462	-0,111	0,306
CHR1	10695321	CHR1:10695321	SSF x Near_LoA	-6,64857307	-0,092	0,322
CHR1	10695336	CHR1:10695336	SSF x Near_LoA	-9,23839879	-0,128	0,300
CHR1	10701715	CHR1:10701715	SSF x Near_LoA	-2,75342056	0,113	0,325
CHR1	10701825	CHR1:10701825	SSF x Near_LoA	-5,03017877	-0,052	0,305
CHR1	10708003	CHR1:10708003	SSF x Near_LoA	-10,8354356	0,094	0,301
CHR1	10711483	CHR1:10711483	SSF x Near_LoA	-7,2696068	-0,124	0,309
CHR1	10711484	CHR1:10711484	SSF x Near_LoA	-8,97080353	0,064	0,307

CHR1	10711514	CHR1:10711514	SSF x Near_LoA	-10,3023482	0,083	0,302
CHR1	10711517	CHR1:10711517	SSF x Near_LoA	-8,22439269	-0,053	0,320
CHR1	10711532	CHR1:10711532	SSF x Near_LoA	-11,5702668	-0,008	0,316
CHR1	10711546	CHR1:10711546	SSF x Near_LoA	-7,98469215	-0,086	0,322
CHR1	10711554	CHR1:10711554	SSF x Near_LoA	-3,54138982	-0,075	0,317
CHR1	10711562	CHR1:10711562	SSF x Near_LoA	-10,7734879	-0,001	0,307
CHR1	10711567	CHR1:10711567	SSF x Near_LoA	-8,94397437	0,089	0,305
CHR1	10712006	CHR1:10712006	SSF x Near_LoA	-8,20468924	0,063	0,317
CHR1	10712016	CHR1:10712016	SSF x Near_LoA	-7,70034589	-0,182	0,286
CHR1	10712022	CHR1:10712022	SSF x Near_LoA	-4,94394405	0,172	0,316
CHR1	10712031	CHR1:10712031	SSF x Near_LoA	-6,68082573	0,169	0,297
CHR1	10712033	CHR1:10712033	SSF x Near_LoA	-7,68766729	0,152	0,293
CHR1	10712044	CHR1:10712044	SSF x Near_LoA	-7,30390302	-0,016	0,325
CHR1	10717818	CHR1:10717818	SSF x Near_LoA	-9,37240264	-0,166	0,297
CHR1	10737696	CHR1:10737696	SSF x Near_LoA	-10,7020331	-0,056	0,309
CHR1	10737811	CHR1:10737811	SSF x Near_LoA	-10,3138352	-0,024	0,298
CHR1	10737850	CHR1:10737850	SSF x Near_LoA	-6,76216333	0,041	0,302
CHR1	10744502	CHR1:10744502	SSF x Near_LoA	-9,2999268	-0,012	0,308
CHR1	10744504	CHR1:10744504	SSF x Near_LoA	-5,47567867	-0,101	0,312
CHR1	10744587	CHR1:10744587	SSF x Near_LoA	-10,138246	-0,041	0,296
CHR1	10744591	CHR1:10744591	SSF x Near_LoA	-10,6012316	0,064	0,305
CHR1	10744597	CHR1:10744597	SSF x Near_LoA	-9,69325267	-0,066	0,302
CHR1	10744731	CHR1:10744731	SSF x Near_LoA	-7,41103818	-0,030	0,315
CHR1	10755221	CHR1:10755221	SSF x Near_LoA	-11,1586782	0,065	0,299
CHR1	10755247	CHR1:10755247	SSF x Near_LoA	-10,1292079	-0,045	0,303
CHR1	10755356	CHR1:10755356	SSF x Near_LoA	-11,0962269	-0,042	0,309
CHR1	10755445	CHR1:10755445	SSF x Near_LoA	-5,33197264	0,140	0,314
CHR1	1075735	CHR1:1075735	SSF x Near_LoA	-10,2438347	0,021	0,317
CHR1	1075777	CHR1:1075777	SSF x Near_LoA	-6,44449899	0,032	0,307
CHR1	1075783	CHR1:1075783	SSF x Near_LoA	-9,08458728	0,015	0,309
CHR1	10758257	CHR1:10758257	SSF x Near_LoA	-9,50131751	0,058	0,293
CHR1	1075946	CHR1:1075946	SSF x Near_LoA	-8,84408768	0,024	0,313
CHR1	1075959	CHR1:1075959	SSF x Near_LoA	-8,56200139	0,033	0,303
CHR1	10763431	CHR1:10763431	SSF x Near_LoA	-11,4800774	-0,061	0,304
CHR1	10763450	CHR1:10763450	SSF x Near_LoA	-6,16522197	0,058	0,316
CHR1	10763463	CHR1:10763463	SSF x Near_LoA	-4,73470272	-0,129	0,314
CHR1	10763473	CHR1:10763473	SSF x Near_LoA	-7,15539042	-0,022	0,317
CHR1	10763486	CHR1:10763486	SSF x Near_LoA	-10,9861214	-0,076	0,322
CHR1	10763518	CHR1:10763518	SSF x Near_LoA	-7,5949522	0,115	0,311
CHR1	10767471	CHR1:10767471	SSF x Near_LoA	-5,71655637	0,021	0,314
CHR1	10767473	CHR1:10767473	SSF x Near_LoA	-9,74943165	0,079	0,314
CHR1	10767551	CHR1:10767551	SSF x Near_LoA	-7,64802709	-0,047	0,326
CHR1	10767566	CHR1:10767566	SSF x Near_LoA	-9,90264193	0,105	0,294
CHR1	10767583	CHR1:10767583	SSF x Near_LoA	-10,3047881	0,136	0,296
CHR1	10767614	CHR1:10767614	SSF x Near_LoA	-9,34437205	0,114	0,306
CHR1	10767692	CHR1:10767692	SSF x Near_LoA	-9,68903804	-0,030	0,314
CHR1	10767756	CHR1:10767756	SSF x Near_LoA	-10,1071404	0,081	0,321
CHR1	10767775	CHR1:10767775	SSF x Near_LoA	-11,0370596	0,003	0,303
CHR1	1078230	CHR1:1078230	SSF x Near_LoA	-12,113276	0,048	0,304
CHR1	10784149	CHR1:10784149	SSF x Near_LoA	-7,57766393	0,067	0,299
CHR1	10784215	CHR1:10784215	SSF x Near_LoA	-6,795396	0,142	0,302
CHR1	10784307	CHR1:10784307	SSF x Near_LoA	-8,7450657	-0,035	0,312
CHR1	1079161	CHR1:1079161	SSF x Near_LoA	-8,7299924	-0,006	0,301

CHR1	10804020	CHR1:10804020	SSF x Near_LoA	-8,73582431	-0,139	0,312
CHR1	10804202	CHR1:10804202	SSF x Near_LoA	-11,8084008	-0,046	0,293
CHR1	10806146	CHR1:10806146	SSF x Near_LoA	-6,17572862	0,142	0,306
CHR1	10808470	CHR1:10808470	SSF x Near_LoA	-11,1137461	-0,120	0,295
CHR1	10808485	CHR1:10808485	SSF x Near_LoA	-10,902547	-0,025	0,297
CHR1	10808517	CHR1:10808517	SSF x Near_LoA	-9,47561179	0,096	0,294
CHR1	10808560	CHR1:10808560	SSF x Near_LoA	-7,33810269	-0,069	0,308
CHR1	10810598	CHR1:10810598	SSF x Near_LoA	-9,69922127	0,081	0,306
CHR1	10811777	CHR1:10811777	SSF x Near_LoA	-10,1080364	0,097	0,296
CHR1	10811779	CHR1:10811779	SSF x Near_LoA	-8,92486581	-0,132	0,297
CHR1	10811786	CHR1:10811786	SSF x Near_LoA	-10,1458343	0,102	0,308
CHR1	10811922	CHR1:10811922	SSF x Near_LoA	-9,37543195	0,090	0,311
CHR1	10818804	CHR1:10818804	SSF x Near_LoA	-6,23273571	0,086	0,314
CHR1	10818838	CHR1:10818838	SSF x Near_LoA	-8,90286143	-0,087	0,317
CHR1	10818850	CHR1:10818850	SSF x Near_LoA	-6,26620831	0,187	0,300
CHR1	10818872	CHR1:10818872	SSF x Near_LoA	-9,30993359	-0,085	0,308
CHR1	10820761	CHR1:10820761	SSF x Near_LoA	-9,11343512	0,008	0,310
CHR1	10820782	CHR1:10820782	SSF x Near_LoA	-8,85058973	-0,002	0,302
CHR1	10820855	CHR1:10820855	SSF x Near_LoA	-11,2156805	-0,057	0,302
CHR1	10820914	CHR1:10820914	SSF x Near_LoA	-9,61638763	-0,025	0,326
CHR1	10820925	CHR1:10820925	SSF x Near_LoA	-9,3152618	0,070	0,311
CHR1	10820969	CHR1:10820969	SSF x Near_LoA	-8,5965291	-0,063	0,313
CHR1	10820977	CHR1:10820977	SSF x Near_LoA	-8,8348235	-0,029	0,316
CHR1	10821013	CHR1:10821013	SSF x Near_LoA	-8,12603451	-0,078	0,315
CHR1	1082684	CHR1:1082684	SSF x Near_LoA	-9,80275562	-0,023	0,294
CHR1	1082702	CHR1:1082702	SSF x Near_LoA	-4,61264196	0,147	0,316
CHR1	1082859	CHR1:1082859	SSF x Near_LoA	-9,0085556	-0,013	0,319
CHR1	10842750	CHR1:10842750	SSF x Near_LoA	-8,96179121	0,038	0,309
CHR1	10842780	CHR1:10842780	SSF x Near_LoA	-8,82260513	-0,051	0,300
CHR1	10842809	CHR1:10842809	SSF x Near_LoA	-10,489491	0,034	0,314
CHR1	10842839	CHR1:10842839	SSF x Near_LoA	-9,32668865	-0,025	0,319
CHR1	10842893	CHR1:10842893	SSF x Near_LoA	-10,141468	0,037	0,312
CHR1	10849993	CHR1:10849993	SSF x Near_LoA	-8,79291927	-0,073	0,315
CHR1	10850023	CHR1:10850023	SSF x Near_LoA	-8,80420687	-0,074	0,302
CHR1	10850031	CHR1:10850031	SSF x Near_LoA	-4,55150439	-0,030	0,321
CHR1	10850051	CHR1:10850051	SSF x Near_LoA	-8,97958916	0,039	0,302
CHR1	10850066	CHR1:10850066	SSF x Near_LoA	-8,8497376	-0,061	0,320
CHR1	10852443	CHR1:10852443	SSF x Near_LoA	-11,4471533	0,041	0,308
CHR1	10852473	CHR1:10852473	SSF x Near_LoA	-7,80749922	0,129	0,291
CHR1	10852514	CHR1:10852514	SSF x Near_LoA	-11,208713	-0,041	0,300
CHR1	10854720	CHR1:10854720	SSF x Near_LoA	-8,5902295	-0,102	0,318
CHR1	10854769	CHR1:10854769	SSF x Near_LoA	-5,70624088	0,109	0,299
CHR1	10854781	CHR1:10854781	SSF x Near_LoA	-7,42577746	0,070	0,304
CHR1	10854855	CHR1:10854855	SSF x Near_LoA	-9,22622317	0,107	0,297
CHR1	10856868	CHR1:10856868	SSF x Near_LoA	-8,69608181	-0,077	0,302
CHR1	10856939	CHR1:10856939	SSF x Near_LoA	-10,894851	0,052	0,313
CHR1	10862146	CHR1:10862146	SSF x Near_LoA	-7,54420716	-0,031	0,324
CHR1	10862169	CHR1:10862169	SSF x Near_LoA	-9,02120867	0,066	0,303
CHR1	10862298	CHR1:10862298	SSF x Near_LoA	-6,9174336	-0,083	0,305
CHR1	10862303	CHR1:10862303	SSF x Near_LoA	-11,7971936	0,022	0,310
CHR1	10862315	CHR1:10862315	SSF x Near_LoA	-10,4553898	-0,038	0,310
CHR1	10862329	CHR1:10862329	SSF x Near_LoA	-8,92877048	0,078	0,320
CHR1	10862354	CHR1:10862354	SSF x Near_LoA	-7,89436102	-0,077	0,289

CHR1	10867135	CHR1:10867135	SSF x Near_LoA	-11,428889	0,066	0,305
CHR1	10867190	CHR1:10867190	SSF x Near_LoA	-10,5027869	0,044	0,301
CHR1	10867289	CHR1:10867289	SSF x Near_LoA	-9,08239866	-0,007	0,301
CHR1	1086990	CHR1:1086990	SSF x Near_LoA	-10,6510446	0,071	0,305
CHR1	1087240	CHR1:1087240	SSF x Near_LoA	-10,6235633	-0,143	0,304
CHR1	10874932	CHR1:10874932	SSF x Near_LoA	-9,20031558	0,031	0,293
CHR1	10889212	CHR1:10889212	SSF x Near_LoA	-7,6451427	0,089	0,305
CHR1	10889373	CHR1:10889373	SSF x Near_LoA	-9,44066246	-0,035	0,310
CHR1	10902645	CHR1:10902645	SSF x Near_LoA	-9,83953204	-0,023	0,315
CHR1	10909972	CHR1:10909972	SSF x Near_LoA	-11,0675201	0,016	0,316
CHR1	10909983	CHR1:10909983	SSF x Near_LoA	-8,23854919	0,199	0,289
CHR1	10910057	CHR1:10910057	SSF x Near_LoA	-9,63656159	0,034	0,326
CHR1	10910967	CHR1:10910967	SSF x Near_LoA	-10,0754602	-0,056	0,309
CHR1	10910990	CHR1:10910990	SSF x Near_LoA	-8,41993572	-0,029	0,307
CHR1	10910996	CHR1:10910996	SSF x Near_LoA	-10,7437181	0,068	0,310
CHR1	10911005	CHR1:10911005	SSF x Near_LoA	-9,77961286	-0,090	0,312
CHR1	10911066	CHR1:10911066	SSF x Near_LoA	-8,59887467	0,062	0,313
CHR1	10911077	CHR1:10911077	SSF x Near_LoA	-10,2770664	-0,055	0,303
CHR1	10911095	CHR1:10911095	SSF x Near_LoA	-10,3046872	-0,023	0,325
CHR1	10912722	CHR1:10912722	SSF x Near_LoA	-10,6411389	0,058	0,310
CHR1	10912808	CHR1:10912808	SSF x Near_LoA	-7,94776077	-0,012	0,316
CHR1	10915839	CHR1:10915839	SSF x Near_LoA	-9,28558983	0,109	0,311
CHR1	10926130	CHR1:10926130	SSF x Near_LoA	-11,170804	0,111	0,302
CHR1	10940204	CHR1:10940204	SSF x Near_LoA	-10,603129	-0,022	0,312
CHR1	10940275	CHR1:10940275	SSF x Near_LoA	-7,15054357	0,033	0,309
CHR1	10940391	CHR1:10940391	SSF x Near_LoA	-9,35811494	0,019	0,307
CHR1	10940405	CHR1:10940405	SSF x Near_LoA	-12,2473725	0,015	0,304
CHR1	10940421	CHR1:10940421	SSF x Near_LoA	-7,42269591	0,112	0,303
CHR1	10940444	CHR1:10940444	SSF x Near_LoA	-9,61065168	0,000	0,311
CHR1	10943655	CHR1:10943655	SSF x Near_LoA	-8,37999932	-0,070	0,315
CHR1	10944898	CHR1:10944898	SSF x Near_LoA	-7,12854126	-0,051	0,312
CHR1	10950988	CHR1:10950988	SSF x Near_LoA	-11,2811812	-0,065	0,306
CHR1	10951130	CHR1:10951130	SSF x Near_LoA	-8,3154273	0,010	0,311
CHR1	10951238	CHR1:10951238	SSF x Near_LoA	-8,52363374	-0,036	0,311
CHR1	10952768	CHR1:10952768	SSF x Near_LoA	-9,18340823	0,096	0,301
CHR1	10954044	CHR1:10954044	SSF x Near_LoA	-7,04999524	-0,127	0,308
CHR1	10964540	CHR1:10964540	SSF x Near_LoA	-8,65008842	-0,065	0,315
CHR1	10964549	CHR1:10964549	SSF x Near_LoA	-10,8237764	0,026	0,301
CHR1	10964550	CHR1:10964550	SSF x Near_LoA	-9,44153153	-0,037	0,305
CHR1	10964553	CHR1:10964553	SSF x Near_LoA	-8,35081213	-0,084	0,311
CHR1	10964564	CHR1:10964564	SSF x Near_LoA	-9,73458045	0,113	0,311
CHR1	10964574	CHR1:10964574	SSF x Near_LoA	-11,0547805	0,025	0,313
CHR1	10977699	CHR1:10977699	SSF x Near_LoA	-8,32354594	-0,122	0,295
CHR1	10977924	CHR1:10977924	SSF x Near_LoA	-10,2831706	0,031	0,309
CHR1	10977940	CHR1:10977940	SSF x Near_LoA	-8,49462786	0,066	0,317
CHR1	10977983	CHR1:10977983	SSF x Near_LoA	-8,8041074	-0,020	0,316
CHR1	10977994	CHR1:10977994	SSF x Near_LoA	-7,83823284	-0,027	0,314
CHR1	10978002	CHR1:10978002	SSF x Near_LoA	-10,3711245	0,055	0,297
CHR1	10981055	CHR1:10981055	SSF x Near_LoA	-10,0841844	-0,003	0,312
CHR1	10987672	CHR1:10987672	SSF x Near_LoA	-10,1748109	-0,002	0,321
CHR1	10988120	CHR1:10988120	SSF x Near_LoA	-8,89651391	0,066	0,306
CHR1	10989471	CHR1:10989471	SSF x Near_LoA	-8,03316717	0,026	0,314
CHR1	10989493	CHR1:10989493	SSF x Near_LoA	-8,31174918	0,027	0,309

CHR1	10994510	CHR1:10994510	SSF x Near_LoA	-10,9229552	0,070	0,289
CHR1	10996678	CHR1:10996678	SSF x Near_LoA	-9,92145842	-0,082	0,305
CHR1	1099858	CHR1:1099858	SSF x Near_LoA	-8,60963455	-0,067	0,299
CHR1	1099885	CHR1:1099885	SSF x Near_LoA	-7,4844334	0,115	0,303
CHR1	1099924	CHR1:1099924	SSF x Near_LoA	-9,11781185	0,081	0,322
CHR1	1099956	CHR1:1099956	SSF x Near_LoA	-9,11910756	-0,018	0,321
CHR1	1100028	CHR1:1100028	SSF x Near_LoA	-7,18157882	0,163	0,297
CHR1	1100046	CHR1:1100046	SSF x Near_LoA	-9,95385083	-0,106	0,304
CHR1	1100067	CHR1:1100067	SSF x Near_LoA	-6,83932375	-0,203	0,298
CHR1	11001400	CHR1:11001400	SSF x Near_LoA	-8,75830722	0,039	0,316
CHR1	11001428	CHR1:11001428	SSF x Near_LoA	-6,28552339	0,002	0,313
CHR1	11001503	CHR1:11001503	SSF x Near_LoA	-8,80320416	0,005	0,311
CHR1	11003917	CHR1:11003917	SSF x Near_LoA	-6,61067604	-0,102	0,301
CHR1	11003935	CHR1:11003935	SSF x Near_LoA	-5,2241122	-0,178	0,296
CHR1	11003937	CHR1:11003937	SSF x Near_LoA	-8,40041409	-0,187	0,297
CHR1	11003940	CHR1:11003940	SSF x Near_LoA	-7,46554446	-0,176	0,303
CHR1	11011024	CHR1:11011024	SSF x Near_LoA	-11,1982713	0,022	0,295
CHR1	11011033	CHR1:11011033	SSF x Near_LoA	-8,84050096	0,055	0,310
CHR1	11012980	CHR1:11012980	SSF x Near_LoA	-8,32101941	0,028	0,293
CHR1	11013029	CHR1:11013029	SSF x Near_LoA	-9,19379079	-0,088	0,307
CHR1	11017156	CHR1:11017156	SSF x Near_LoA	-6,28860616	0,127	0,305
CHR1	11017311	CHR1:11017311	SSF x Near_LoA	-8,99658772	0,101	0,301
CHR1	11017334	CHR1:11017334	SSF x Near_LoA	-10,1237432	0,083	0,311
CHR1	11017349	CHR1:11017349	SSF x Near_LoA	-8,54057396	0,133	0,315
CHR1	11018027	CHR1:11018027	SSF x Near_LoA	-9,65893619	-0,003	0,308
CHR1	11018032	CHR1:11018032	SSF x Near_LoA	-10,177291	0,034	0,312
CHR1	11018042	CHR1:11018042	SSF x Near_LoA	-7,25724331	0,057	0,318
CHR1	11018049	CHR1:11018049	SSF x Near_LoA	-9,87454676	-0,042	0,289
CHR1	11018178	CHR1:11018178	SSF x Near_LoA	-8,3988102	-0,118	0,305
CHR1	11024693	CHR1:11024693	SSF x Near_LoA	-9,47300661	-0,061	0,307
CHR1	11024739	CHR1:11024739	SSF x Near_LoA	-11,4885484	-0,058	0,298
CHR1	1102921	CHR1:1102921	SSF x Near_LoA	-9,37659055	0,028	0,315
CHR1	11046935	CHR1:11046935	SSF x Near_LoA	-11,3685379	-0,004	0,307
CHR1	11046943	CHR1:11046943	SSF x Near_LoA	-10,3285581	0,054	0,303
CHR1	11048270	CHR1:11048270	SSF x Near_LoA	-10,9077295	0,020	0,323
CHR1	11049689	CHR1:11049689	SSF x Near_LoA	-9,73372099	0,080	0,304
CHR1	11050929	CHR1:11050929	SSF x Near_LoA	-10,9382092	-0,032	0,320
CHR1	11073058	CHR1:11073058	SSF x Near_LoA	-7,74018457	0,005	0,317
CHR1	11073070	CHR1:11073070	SSF x Near_LoA	-7,87930843	-0,064	0,312
CHR1	11073080	CHR1:11073080	SSF x Near_LoA	-10,6816464	-0,088	0,308
CHR1	11073111	CHR1:11073111	SSF x Near_LoA	-11,3285646	-0,014	0,311
CHR1	11073690	CHR1:11073690	SSF x Near_LoA	-7,19058234	0,160	0,300
CHR1	11077975	CHR1:11077975	SSF x Near_LoA	-10,6100187	-0,078	0,299
CHR1	11078085	CHR1:11078085	SSF x Near_LoA	2,04621796	-0,095	0,294
CHR1	11078096	CHR1:11078096	SSF x Near_LoA	2,77409303	0,161	0,311
CHR1	11083293	CHR1:11083293	SSF x Near_LoA	-11,3600261	0,059	0,303
CHR1	11086745	CHR1:11086745	SSF x Near_LoA	-9,57781307	0,013	0,306
CHR1	11086880	CHR1:11086880	SSF x Near_LoA	-9,42210398	0,149	0,307
CHR1	11087700	CHR1:11087700	SSF x Near_LoA	-9,32777273	0,140	0,300
CHR1	11087712	CHR1:11087712	SSF x Near_LoA	-8,67663458	0,137	0,297
CHR1	11087751	CHR1:11087751	SSF x Near_LoA	-8,71579858	-0,009	0,303
CHR1	11091441	CHR1:11091441	SSF x Near_LoA	-8,84661702	0,018	0,307
CHR1	11091492	CHR1:11091492	SSF x Near_LoA	-8,1126358	-0,118	0,303

CHR1	11091494	CHR1:11091494	SSF x Near_LoA	-9,44632844	0,051	0,303
CHR1	11093081	CHR1:11093081	SSF x Near_LoA	-9,4322657	-0,023	0,294
CHR1	11093262	CHR1:11093262	SSF x Near_LoA	-11,39491	0,025	0,305
CHR1	11093285	CHR1:11093285	SSF x Near_LoA	-10,0541549	0,048	0,318
CHR1	11097933	CHR1:11097933	SSF x Near_LoA	-7,13716739	0,130	0,302
CHR1	11097963	CHR1:11097963	SSF x Near_LoA	-7,83575155	-0,086	0,319
CHR1	11097999	CHR1:11097999	SSF x Near_LoA	-11,6014128	-0,061	0,293
CHR1	11103135	CHR1:11103135	SSF x Near_LoA	-9,19492756	0,006	0,315
CHR1	11103149	CHR1:11103149	SSF x Near_LoA	-8,70867806	0,046	0,291
CHR1	11103152	CHR1:11103152	SSF x Near_LoA	-9,0445807	0,046	0,300
CHR1	11103193	CHR1:11103193	SSF x Near_LoA	-9,34210865	0,007	0,304
CHR1	11107558	CHR1:11107558	SSF x Near_LoA	-8,57885304	0,091	0,317
CHR1	11107578	CHR1:11107578	SSF x Near_LoA	-10,5091532	0,034	0,307
CHR1	11107611	CHR1:11107611	SSF x Near_LoA	-9,63939053	-0,156	0,307
CHR1	11107672	CHR1:11107672	SSF x Near_LoA	-8,4822717	0,050	0,302
CHR1	11107711	CHR1:11107711	SSF x Near_LoA	-9,04466617	0,001	0,315
CHR1	11107723	CHR1:11107723	SSF x Near_LoA	-10,6224059	-0,011	0,309
CHR1	11111176	CHR1:11111176	SSF x Near_LoA	-3,56999886	-0,124	0,310
CHR1	11117782	CHR1:11117782	SSF x Near_LoA	-5,62152587	0,177	0,292
CHR1	11117810	CHR1:11117810	SSF x Near_LoA	-6,99615846	0,176	0,306
CHR1	11117825	CHR1:11117825	SSF x Near_LoA	-9,16835521	-0,113	0,303
CHR1	11117893	CHR1:11117893	SSF x Near_LoA	-10,9220712	-0,059	0,310
CHR1	11121757	CHR1:11121757	SSF x Near_LoA	-8,42098907	-0,047	0,317
CHR1	11121774	CHR1:11121774	SSF x Near_LoA	-10,5430675	-0,012	0,297
CHR1	11124676	CHR1:11124676	SSF x Near_LoA	-7,69865909	-0,108	0,306
CHR1	11124760	CHR1:11124760	SSF x Near_LoA	-8,71394164	-0,048	0,307
CHR1	11133169	CHR1:11133169	SSF x Near_LoA	-9,10576347	0,143	0,318
CHR1	11133186	CHR1:11133186	SSF x Near_LoA	-11,0245755	0,005	0,315
CHR1	11133265	CHR1:11133265	SSF x Near_LoA	-10,1463377	0,017	0,317
CHR1	11135621	CHR1:11135621	SSF x Near_LoA	-8,39200054	0,080	0,309
CHR1	11135684	CHR1:11135684	SSF x Near_LoA	-10,3200997	0,019	0,304
CHR1	11135790	CHR1:11135790	SSF x Near_LoA	-2,06374428	-0,041	0,310
CHR1	11141151	CHR1:11141151	SSF x Near_LoA	-8,91323296	0,061	0,319
CHR1	11141152	CHR1:11141152	SSF x Near_LoA	-8,21743908	-0,142	0,299
CHR1	11141169	CHR1:11141169	SSF x Near_LoA	-9,37082836	0,118	0,311
CHR1	11141195	CHR1:11141195	SSF x Near_LoA	-8,60635553	-0,033	0,309
CHR1	11141202	CHR1:11141202	SSF x Near_LoA	-8,25006348	0,079	0,305
CHR1	11141274	CHR1:11141274	SSF x Near_LoA	-7,0699242	0,017	0,308
CHR1	11149015	CHR1:11149015	SSF x Near_LoA	-7,27774337	-0,107	0,310
CHR1	11149023	CHR1:11149023	SSF x Near_LoA	-11,2140913	0,007	0,311
CHR1	11149051	CHR1:11149051	SSF x Near_LoA	-8,3299629	-0,125	0,297
CHR1	11149112	CHR1:11149112	SSF x Near_LoA	-11,040143	-0,060	0,309
CHR1	11149146	CHR1:11149146	SSF x Near_LoA	-8,29579921	-0,131	0,299
CHR1	11149169	CHR1:11149169	SSF x Near_LoA	-7,86224734	0,078	0,319
CHR1	1116072	CHR1:1116072	SSF x Near_LoA	-7,5029692	0,184	0,288
CHR1	1116084	CHR1:1116084	SSF x Near_LoA	-5,61104082	0,015	0,322
CHR1	1116328	CHR1:1116328	SSF x Near_LoA	-9,47734857	0,087	0,293
CHR1	1116336	CHR1:1116336	SSF x Near_LoA	-5,25491136	0,080	0,306
CHR1	1116373	CHR1:1116373	SSF x Near_LoA	-11,3172125	0,056	0,312
CHR1	1116408	CHR1:1116408	SSF x Near_LoA	-8,30018807	-0,051	0,312
CHR1	11176677	CHR1:11176677	SSF x Near_LoA	-9,87655532	-0,075	0,305
CHR1	11193013	CHR1:11193013	SSF x Near_LoA	-9,89561825	0,076	0,311
CHR1	11196429	CHR1:11196429	SSF x Near_LoA	-10,7872618	0,036	0,300

CHR1	11198970	CHR1:11198970	SSF x Near_LoA	-7,8718007	-0,002	0,327
CHR1	11199004	CHR1:11199004	SSF x Near_LoA	-9,92340184	0,014	0,301
CHR1	11199020	CHR1:11199020	SSF x Near_LoA	-8,80902856	0,021	0,309
CHR1	11214486	CHR1:11214486	SSF x Near_LoA	-5,26075059	-0,153	0,300
CHR1	11214523	CHR1:11214523	SSF x Near_LoA	-9,39664246	-0,003	0,311
CHR1	11214577	CHR1:11214577	SSF x Near_LoA	-9,68753918	-0,028	0,311
CHR1	11214584	CHR1:11214584	SSF x Near_LoA	-8,19377816	0,115	0,291
CHR1	11214598	CHR1:11214598	SSF x Near_LoA	-8,11045932	0,133	0,299
CHR1	11214616	CHR1:11214616	SSF x Near_LoA	-7,5283053	-0,084	0,310
CHR1	11214625	CHR1:11214625	SSF x Near_LoA	-10,7661518	-0,066	0,300
CHR1	11214648	CHR1:11214648	SSF x Near_LoA	-8,57634427	0,105	0,311
CHR1	11220214	CHR1:11220214	SSF x Near_LoA	-8,14116968	0,088	0,306
CHR1	11220225	CHR1:11220225	SSF x Near_LoA	-7,7120334	0,130	0,301
CHR1	11228104	CHR1:11228104	SSF x Near_LoA	-8,49772864	-0,090	0,306
CHR1	11228139	CHR1:11228139	SSF x Near_LoA	-7,41906377	0,245	0,281
CHR1	11228148	CHR1:11228148	SSF x Near_LoA	-8,64712486	0,043	0,306
CHR1	11228149	CHR1:11228149	SSF x Near_LoA	-9,45749709	0,045	0,305
CHR1	11228156	CHR1:11228156	SSF x Near_LoA	-5,22171663	0,070	0,330
CHR1	11228176	CHR1:11228176	SSF x Near_LoA	-9,97268709	-0,148	0,303
CHR1	11228186	CHR1:11228186	SSF x Near_LoA	-9,67330142	-0,078	0,295
CHR1	11228238	CHR1:11228238	SSF x Near_LoA	-9,0183092	0,014	0,298
CHR1	11228325	CHR1:11228325	SSF x Near_LoA	-7,85490991	0,099	0,308
CHR1	11228355	CHR1:11228355	SSF x Near_LoA	-11,0036926	0,034	0,294
CHR1	11228357	CHR1:11228357	SSF x Near_LoA	-8,9670433	-0,037	0,321
CHR1	11230999	CHR1:11230999	SSF x Near_LoA	-11,0805256	-0,024	0,318
CHR1	11231079	CHR1:11231079	SSF x Near_LoA	-8,02212332	-0,060	0,298
CHR1	11233046	CHR1:11233046	SSF x Near_LoA	-9,8424997	-0,044	0,313
CHR1	11233068	CHR1:11233068	SSF x Near_LoA	-11,6572282	0,054	0,297
CHR1	11233207	CHR1:11233207	SSF x Near_LoA	-10,2512662	-0,047	0,300
CHR1	11235711	CHR1:11235711	SSF x Near_LoA	-9,03181583	-0,035	0,309
CHR1	11235753	CHR1:11235753	SSF x Near_LoA	-12,1151439	0,016	0,304
CHR1	11244361	CHR1:11244361	SSF x Near_LoA	-11,535909	0,047	0,309
CHR1	11247952	CHR1:11247952	SSF x Near_LoA	-9,36829193	-0,073	0,309
CHR1	11247986	CHR1:11247986	SSF x Near_LoA	-10,9348235	0,027	0,291
CHR1	11248027	CHR1:11248027	SSF x Near_LoA	-10,2841019	0,003	0,311
CHR1	11248107	CHR1:11248107	SSF x Near_LoA	-8,50127346	0,031	0,321
CHR1	11248151	CHR1:11248151	SSF x Near_LoA	-11,2539909	0,057	0,295
CHR1	11262278	CHR1:11262278	SSF x Near_LoA	-6,24570585	-0,087	0,316
CHR1	11268540	CHR1:11268540	SSF x Near_LoA	-10,0237679	-0,025	0,314
CHR1	11268581	CHR1:11268581	SSF x Near_LoA	-11,7216514	-0,013	0,302
CHR1	11268640	CHR1:11268640	SSF x Near_LoA	-8,45038568	-0,093	0,292
CHR1	11268671	CHR1:11268671	SSF x Near_LoA	-6,98004333	-0,180	0,293
CHR1	11277906	CHR1:11277906	SSF x Near_LoA	-7,60008255	0,163	0,304
CHR1	11277961	CHR1:11277961	SSF x Near_LoA	-6,56666064	0,174	0,294
CHR1	11302441	CHR1:11302441	SSF x Near_LoA	-9,15588041	-0,107	0,306
CHR1	11302444	CHR1:11302444	SSF x Near_LoA	-8,43827173	-0,082	0,310
CHR1	11302445	CHR1:11302445	SSF x Near_LoA	-9,13864467	-0,082	0,313
CHR1	11304278	CHR1:11304278	SSF x Near_LoA	-9,83296056	0,064	0,294
CHR1	11304586	CHR1:11304586	SSF x Near_LoA	-10,0129058	0,091	0,300
CHR1	11310514	CHR1:11310514	SSF x Near_LoA	-9,83650882	0,039	0,299
CHR1	11310616	CHR1:11310616	SSF x Near_LoA	-10,8010254	0,002	0,293
CHR1	11321189	CHR1:11321189	SSF x Near_LoA	-8,45712275	0,027	0,308
CHR1	11321191	CHR1:11321191	SSF x Near_LoA	-7,66907086	-0,027	0,308

CHR1	11321196	CHR1:11321196	SSF x Near_LoA	-7,14863991	0,010	0,318
CHR1	11321199	CHR1:11321199	SSF x Near_LoA	-8,94877252	0,048	0,325
CHR1	11321214	CHR1:11321214	SSF x Near_LoA	-11,634028	-0,029	0,297
CHR1	11321230	CHR1:11321230	SSF x Near_LoA	-6,81832164	-0,059	0,303
CHR1	11321322	CHR1:11321322	SSF x Near_LoA	-9,81498447	0,076	0,315
CHR1	11321326	CHR1:11321326	SSF x Near_LoA	-9,86228349	0,062	0,305
CHR1	11321338	CHR1:11321338	SSF x Near_LoA	-1,92221517	-0,031	0,298
CHR1	1133142	CHR1:1133142	SSF x Near_LoA	-11,9646021	-0,038	0,325
CHR1	11334336	CHR1:11334336	SSF x Near_LoA	-10,3011777	0,012	0,320
CHR1	11334346	CHR1:11334346	SSF x Near_LoA	-10,6509946	0,010	0,303
CHR1	11341782	CHR1:11341782	SSF x Near_LoA	-9,8277242	0,044	0,316
CHR1	11341819	CHR1:11341819	SSF x Near_LoA	-10,1233428	-0,012	0,314
CHR1	11341833	CHR1:11341833	SSF x Near_LoA	-10,8227583	0,000	0,304
CHR1	11341855	CHR1:11341855	SSF x Near_LoA	-9,03953383	0,071	0,296
CHR1	11346569	CHR1:11346569	SSF x Near_LoA	-10,4112878	0,097	0,305
CHR1	11346646	CHR1:11346646	SSF x Near_LoA	-6,39157106	-0,207	0,291
CHR1	11346755	CHR1:11346755	SSF x Near_LoA	-10,0870722	0,138	0,297
CHR1	11346762	CHR1:11346762	SSF x Near_LoA	-9,64962891	0,053	0,306
CHR1	11346778	CHR1:11346778	SSF x Near_LoA	-7,16062279	0,115	0,317
CHR1	11346793	CHR1:11346793	SSF x Near_LoA	-10,5117151	0,092	0,302
CHR1	11358572	CHR1:11358572	SSF x Near_LoA	-7,06392304	-0,107	0,302
CHR1	11358782	CHR1:11358782	SSF x Near_LoA	-5,97776586	0,067	0,303
CHR1	11365788	CHR1:11365788	SSF x Near_LoA	-9,42722104	-0,062	0,309
CHR1	11365891	CHR1:11365891	SSF x Near_LoA	-8,29519037	-0,068	0,319
CHR1	11365900	CHR1:11365900	SSF x Near_LoA	-9,34831555	0,075	0,313
CHR1	11368203	CHR1:11368203	SSF x Near_LoA	-10,77302	0,001	0,288
CHR1	11368204	CHR1:11368204	SSF x Near_LoA	-11,0845345	0,003	0,304
CHR1	11368253	CHR1:11368253	SSF x Near_LoA	-7,97970046	-0,025	0,311
CHR1	11368298	CHR1:11368298	SSF x Near_LoA	-8,511933	-0,072	0,294
CHR1	11371937	CHR1:11371937	SSF x Near_LoA	-9,30547564	-0,001	0,302
CHR1	11372026	CHR1:11372026	SSF x Near_LoA	-11,2508212	-0,093	0,297
CHR1	11372071	CHR1:11372071	SSF x Near_LoA	-11,0383329	-0,031	0,303
CHR1	11373531	CHR1:11373531	SSF x Near_LoA	-7,91675028	-0,028	0,305
CHR1	11389677	CHR1:11389677	SSF x Near_LoA	-10,528544	0,020	0,314
CHR1	11389750	CHR1:11389750	SSF x Near_LoA	-7,98027356	0,099	0,312
CHR1	11389758	CHR1:11389758	SSF x Near_LoA	-7,49043795	0,144	0,292
CHR1	11391266	CHR1:11391266	SSF x Near_LoA	-9,66432119	-0,054	0,311
CHR1	11394209	CHR1:11394209	SSF x Near_LoA	-6,19923147	-0,172	0,312
CHR1	11394242	CHR1:11394242	SSF x Near_LoA	-6,85909702	0,018	0,312
CHR1	11439147	CHR1:11439147	SSF x Near_LoA	-6,6407175	0,158	0,313
CHR1	11439302	CHR1:11439302	SSF x Near_LoA	-9,29859788	-0,058	0,319
CHR1	11451683	CHR1:11451683	SSF x Near_LoA	-9,20884506	-0,008	0,304
CHR1	11451698	CHR1:11451698	SSF x Near_LoA	-9,88354242	-0,052	0,310
CHR1	11451740	CHR1:11451740	SSF x Near_LoA	-8,69778338	0,118	0,308
CHR1	11458049	CHR1:11458049	SSF x Near_LoA	-8,84636553	0,106	0,309
CHR1	11458084	CHR1:11458084	SSF x Near_LoA	-9,85058759	0,049	0,295
CHR1	11461559	CHR1:11461559	SSF x Near_LoA	-7,73584233	0,097	0,296
CHR1	11461579	CHR1:11461579	SSF x Near_LoA	-7,16260317	0,100	0,301
CHR1	11461588	CHR1:11461588	SSF x Near_LoA	-7,41467423	0,119	0,304
CHR1	11461597	CHR1:11461597	SSF x Near_LoA	-8,40860261	0,124	0,280
CHR1	11480547	CHR1:11480547	SSF x Near_LoA	-6,30821254	0,185	0,283
CHR1	1148736	CHR1:1148736	SSF x Near_LoA	-8,70791048	0,022	0,294
CHR1	1148785	CHR1:1148785	SSF x Near_LoA	-10,199034	0,030	0,317

CHR1	1148816	CHR1:1148816	SSF x Near_LoA	-8,60022757	0,041	0,310
CHR1	1148819	CHR1:1148819	SSF x Near_LoA	-11,3454874	-0,004	0,294
CHR1	1148848	CHR1:1148848	SSF x Near_LoA	-9,20676575	0,114	0,324
CHR1	1148917	CHR1:1148917	SSF x Near_LoA	-7,24308076	-0,114	0,312
CHR1	11501272	CHR1:11501272	SSF x Near_LoA	-6,54857693	-0,079	0,315
CHR1	11506217	CHR1:11506217	SSF x Near_LoA	-11,2969326	0,033	0,305
CHR1	11509028	CHR1:11509028	SSF x Near_LoA	-8,76034683	-0,048	0,311
CHR1	11512425	CHR1:11512425	SSF x Near_LoA	-9,63293003	0,132	0,291
CHR1	11515529	CHR1:11515529	SSF x Near_LoA	-7,93597946	0,069	0,303
CHR1	11515693	CHR1:11515693	SSF x Near_LoA	-11,8646909	0,030	0,305
CHR1	11519313	CHR1:11519313	SSF x Near_LoA	-4,83147642	0,100	0,302
CHR1	11528047	CHR1:11528047	SSF x Near_LoA	-8,83593507	0,018	0,301
CHR1	11528074	CHR1:11528074	SSF x Near_LoA	-9,83231779	0,066	0,308
CHR1	11528104	CHR1:11528104	SSF x Near_LoA	-8,87669352	0,011	0,319
CHR1	11549557	CHR1:11549557	SSF x Near_LoA	-7,18549276	0,021	0,323
CHR1	11561480	CHR1:11561480	SSF x Near_LoA	-10,0374791	0,069	0,322
CHR1	11561482	CHR1:11561482	SSF x Near_LoA	-11,5985054	0,006	0,308
CHR1	11566542	CHR1:11566542	SSF x Near_LoA	-7,7147991	-0,041	0,303
CHR1	11571095	CHR1:11571095	SSF x Near_LoA	-6,94799293	0,025	0,320
CHR1	11571134	CHR1:11571134	SSF x Near_LoA	-8,92418057	0,063	0,307
CHR1	11571154	CHR1:11571154	SSF x Near_LoA	-9,7206149	0,156	0,313
CHR1	11571170	CHR1:11571170	SSF x Near_LoA	-10,1602388	-0,021	0,307
CHR1	11571173	CHR1:11571173	SSF x Near_LoA	-8,09924218	-0,074	0,310
CHR1	11573911	CHR1:11573911	SSF x Near_LoA	-9,63987381	-0,035	0,300
CHR1	11573914	CHR1:11573914	SSF x Near_LoA	-8,47325843	0,004	0,311
CHR1	11573916	CHR1:11573916	SSF x Near_LoA	-7,54427349	-0,055	0,295
CHR1	11573953	CHR1:11573953	SSF x Near_LoA	-9,5178411	0,050	0,311
CHR1	11573996	CHR1:11573996	SSF x Near_LoA	-7,45187079	-0,084	0,310
CHR1	11574102	CHR1:11574102	SSF x Near_LoA	-10,7808609	0,028	0,298
CHR1	11586149	CHR1:11586149	SSF x Near_LoA	-10,3267151	0,067	0,309
CHR1	11586225	CHR1:11586225	SSF x Near_LoA	-5,87113805	-0,175	0,293
CHR1	11586233	CHR1:11586233	SSF x Near_LoA	-5,01027101	-0,176	0,283
CHR1	11593958	CHR1:11593958	SSF x Near_LoA	-9,05699992	-0,020	0,301
CHR1	11593972	CHR1:11593972	SSF x Near_LoA	-8,32260721	-0,121	0,296
CHR1	11593978	CHR1:11593978	SSF x Near_LoA	-8,5233523	0,026	0,310
CHR1	11593983	CHR1:11593983	SSF x Near_LoA	-8,91485498	0,074	0,304
CHR1	11594084	CHR1:11594084	SSF x Near_LoA	-11,8093102	-0,065	0,298
CHR1	11599405	CHR1:11599405	SSF x Near_LoA	-10,7565699	0,054	0,302
CHR1	11599426	CHR1:11599426	SSF x Near_LoA	-9,44906869	0,045	0,327
CHR1	11599447	CHR1:11599447	SSF x Near_LoA	-9,24716313	0,003	0,314
CHR1	11599449	CHR1:11599449	SSF x Near_LoA	-10,0067777	0,086	0,316
CHR1	11599461	CHR1:11599461	SSF x Near_LoA	-10,2779789	-0,012	0,312
CHR1	11599494	CHR1:11599494	SSF x Near_LoA	-10,1267475	0,036	0,301
CHR1	11599498	CHR1:11599498	SSF x Near_LoA	-10,0275597	-0,053	0,301
CHR1	11599523	CHR1:11599523	SSF x Near_LoA	-8,67079166	0,064	0,311
CHR1	11599551	CHR1:11599551	SSF x Near_LoA	-7,87900406	0,082	0,294
CHR1	11599557	CHR1:11599557	SSF x Near_LoA	-10,0894337	-0,056	0,312
CHR1	11599558	CHR1:11599558	SSF x Near_LoA	-10,3388464	-0,047	0,301
CHR1	11599582	CHR1:11599582	SSF x Near_LoA	-10,6098323	0,067	0,299
CHR1	11599608	CHR1:11599608	SSF x Near_LoA	-9,41478554	-0,007	0,305
CHR1	11600404	CHR1:11600404	SSF x Near_LoA	-6,95937301	0,036	0,319
CHR1	11606552	CHR1:11606552	SSF x Near_LoA	-3,33578723	0,102	0,317
CHR1	11606616	CHR1:11606616	SSF x Near_LoA	-10,3011038	0,009	0,318

CHR1	11606634	CHR1:11606634	SSF x Near_LoA	-10,1795839	0,092	0,299
CHR1	11606717	CHR1:11606717	SSF x Near_LoA	-11,3323657	-0,047	0,297
CHR1	11606719	CHR1:11606719	SSF x Near_LoA	-7,57468765	-0,031	0,312
CHR1	11609856	CHR1:11609856	SSF x Near_LoA	-9,43971681	0,027	0,301
CHR1	11626113	CHR1:11626113	SSF x Near_LoA	-9,52884837	-0,070	0,302
CHR1	11626153	CHR1:11626153	SSF x Near_LoA	-10,6992107	0,002	0,306
CHR1	11626197	CHR1:11626197	SSF x Near_LoA	-5,63646883	-0,026	0,310
CHR1	11626214	CHR1:11626214	SSF x Near_LoA	-9,82388468	-0,050	0,303
CHR1	11626217	CHR1:11626217	SSF x Near_LoA	-8,91746495	-0,020	0,289
CHR1	11626255	CHR1:11626255	SSF x Near_LoA	-9,32342457	-0,027	0,307
CHR1	11626265	CHR1:11626265	SSF x Near_LoA	-9,08593238	0,078	0,317
CHR1	11633280	CHR1:11633280	SSF x Near_LoA	-9,19377731	-0,015	0,294
CHR1	11633284	CHR1:11633284	SSF x Near_LoA	-9,91956533	-0,012	0,289
CHR1	11633314	CHR1:11633314	SSF x Near_LoA	-9,26420882	0,013	0,296
CHR1	11633317	CHR1:11633317	SSF x Near_LoA	-6,98308128	0,037	0,324
CHR1	11633356	CHR1:11633356	SSF x Near_LoA	-10,2678708	0,012	0,303
CHR1	11633380	CHR1:11633380	SSF x Near_LoA	-10,6319519	-0,051	0,306
CHR1	11633385	CHR1:11633385	SSF x Near_LoA	-10,3785575	-0,050	0,314
CHR1	11633428	CHR1:11633428	SSF x Near_LoA	-8,85310921	-0,056	0,308
CHR1	11633477	CHR1:11633477	SSF x Near_LoA	-9,44153364	-0,065	0,306
CHR1	11635794	CHR1:11635794	SSF x Near_LoA	-8,48331955	0,093	0,319
CHR1	11635798	CHR1:11635798	SSF x Near_LoA	-8,29969978	0,113	0,302
CHR1	11635862	CHR1:11635862	SSF x Near_LoA	-5,88008546	-0,066	0,303
CHR1	11637000	CHR1:11637000	SSF x Near_LoA	-10,0283474	-0,074	0,292
CHR1	11660040	CHR1:11660040	SSF x Near_LoA	-7,11393957	0,030	0,299
CHR1	11660065	CHR1:11660065	SSF x Near_LoA	-8,34711195	-0,101	0,313
CHR1	11663430	CHR1:11663430	SSF x Near_LoA	-8,37193118	-0,039	0,298
CHR1	11663476	CHR1:11663476	SSF x Near_LoA	-10,1350861	0,006	0,287
CHR1	11667861	CHR1:11667861	SSF x Near_LoA	-9,02437739	0,179	0,289
CHR1	11674411	CHR1:11674411	SSF x Near_LoA	-3,44721518	-0,076	0,309
CHR1	11674485	CHR1:11674485	SSF x Near_LoA	-8,9616867	-0,091	0,301
CHR1	11674491	CHR1:11674491	SSF x Near_LoA	-7,3207397	-0,023	0,310
CHR1	11674510	CHR1:11674510	SSF x Near_LoA	-10,2494281	-0,091	0,311
CHR1	11674645	CHR1:11674645	SSF x Near_LoA	-9,82842281	-0,073	0,296
CHR1	11678685	CHR1:11678685	SSF x Near_LoA	-9,49147428	0,052	0,291
CHR1	1167971	CHR1:1167971	SSF x Near_LoA	-11,1237385	-0,075	0,292
CHR1	1167998	CHR1:1167998	SSF x Near_LoA	-7,48320253	-0,058	0,306
CHR1	1168022	CHR1:1168022	SSF x Near_LoA	-9,26174799	-0,186	0,308
CHR1	1168051	CHR1:1168051	SSF x Near_LoA	-8,41572432	-0,035	0,306
CHR1	11692864	CHR1:11692864	SSF x Near_LoA	-9,15367742	-0,076	0,312
CHR1	11693008	CHR1:11693008	SSF x Near_LoA	-9,08085958	0,005	0,297
CHR1	1169338	CHR1:1169338	SSF x Near_LoA	-7,90271158	0,039	0,312
CHR1	1169342	CHR1:1169342	SSF x Near_LoA	-9,26906108	0,026	0,300
CHR1	1169522	CHR1:1169522	SSF x Near_LoA	-8,67779503	-0,068	0,295
CHR1	11699530	CHR1:11699530	SSF x Near_LoA	-6,08063132	-0,114	0,320
CHR1	11699611	CHR1:11699611	SSF x Near_LoA	-10,1796059	-0,041	0,303
CHR1	11699640	CHR1:11699640	SSF x Near_LoA	-9,96797323	0,015	0,306
CHR1	11699698	CHR1:11699698	SSF x Near_LoA	-9,48560547	-0,051	0,308
CHR1	11699701	CHR1:11699701	SSF x Near_LoA	-11,2696328	0,030	0,296
CHR1	11699704	CHR1:11699704	SSF x Near_LoA	-11,6504063	0,035	0,303
CHR1	11699723	CHR1:11699723	SSF x Near_LoA	-10,041879	0,067	0,306
CHR1	11699749	CHR1:11699749	SSF x Near_LoA	-10,5416981	0,074	0,308
CHR1	11699756	CHR1:11699756	SSF x Near_LoA	-9,97731193	-0,056	0,293

CHR1	11703414	CHR1:11703414	SSF x Near_LoA	-8,32899239	0,090	0,291
CHR1	11703426	CHR1:11703426	SSF x Near_LoA	-8,54618095	0,094	0,310
CHR1	11703427	CHR1:11703427	SSF x Near_LoA	-9,78369565	0,023	0,307
CHR1	11703437	CHR1:11703437	SSF x Near_LoA	-11,128522	-0,084	0,292
CHR1	11703530	CHR1:11703530	SSF x Near_LoA	-5,89837232	0,025	0,321
CHR1	11703599	CHR1:11703599	SSF x Near_LoA	-11,0858581	-0,021	0,300
CHR1	1170806	CHR1:1170806	SSF x Near_LoA	-6,81297945	-0,177	0,303
CHR1	11716889	CHR1:11716889	SSF x Near_LoA	-10,2696915	-0,039	0,309
CHR1	11716948	CHR1:11716948	SSF x Near_LoA	-10,7862554	-0,082	0,298
CHR1	11721514	CHR1:11721514	SSF x Near_LoA	-10,7405375	-0,073	0,303
CHR1	11721545	CHR1:11721545	SSF x Near_LoA	-8,2158028	0,007	0,307
CHR1	11721595	CHR1:11721595	SSF x Near_LoA	-8,90725578	-0,091	0,298
CHR1	11722336	CHR1:11722336	SSF x Near_LoA	-8,58585483	-0,027	0,305
CHR1	11722635	CHR1:11722635	SSF x Near_LoA	-11,251358	0,013	0,308
CHR1	11722693	CHR1:11722693	SSF x Near_LoA	-9,39494249	0,072	0,297
CHR1	11732568	CHR1:11732568	SSF x Near_LoA	-6,68584834	-0,151	0,313
CHR1	11734909	CHR1:11734909	SSF x Near_LoA	-10,0506703	-0,043	0,311
CHR1	11734940	CHR1:11734940	SSF x Near_LoA	-9,70946712	0,077	0,318
CHR1	11746055	CHR1:11746055	SSF x Near_LoA	-10,448021	0,004	0,291
CHR1	11746056	CHR1:11746056	SSF x Near_LoA	-8,26164585	0,000	0,310
CHR1	11750078	CHR1:11750078	SSF x Near_LoA	-10,2777735	0,047	0,311
CHR1	11750287	CHR1:11750287	SSF x Near_LoA	-9,534923	-0,023	0,305
CHR1	11750308	CHR1:11750308	SSF x Near_LoA	-10,1343787	-0,025	0,309
CHR1	11750329	CHR1:11750329	SSF x Near_LoA	-10,1242365	0,001	0,294
CHR1	11750377	CHR1:11750377	SSF x Near_LoA	-10,7216825	-0,112	0,311
CHR1	11750381	CHR1:11750381	SSF x Near_LoA	-8,89437465	-0,035	0,304
CHR1	11752162	CHR1:11752162	SSF x Near_LoA	-10,4962473	-0,171	0,299
CHR1	11752163	CHR1:11752163	SSF x Near_LoA	-8,59235333	-0,192	0,297
CHR1	11752206	CHR1:11752206	SSF x Near_LoA	-7,81472259	0,096	0,312
CHR1	11752294	CHR1:11752294	SSF x Near_LoA	-9,55768795	0,047	0,296
CHR1	11754894	CHR1:11754894	SSF x Near_LoA	-11,8121038	0,003	0,300
CHR1	11755028	CHR1:11755028	SSF x Near_LoA	-7,89519952	0,119	0,309
CHR1	11755048	CHR1:11755048	SSF x Near_LoA	-2,03217716	-0,038	0,304
CHR1	11755065	CHR1:11755065	SSF x Near_LoA	-9,40181053	0,037	0,302
CHR1	11765232	CHR1:11765232	SSF x Near_LoA	-7,38263888	0,034	0,306
CHR1	11769985	CHR1:11769985	SSF x Near_LoA	-11,4748203	-0,048	0,310
CHR1	11770002	CHR1:11770002	SSF x Near_LoA	-9,99946309	0,051	0,309
CHR1	11770072	CHR1:11770072	SSF x Near_LoA	-1,98603112	-0,122	0,296
CHR1	11770098	CHR1:11770098	SSF x Near_LoA	-10,4502607	0,078	0,306
CHR1	11770109	CHR1:11770109	SSF x Near_LoA	-11,2077083	-0,030	0,320
CHR1	1177187	CHR1:1177187	SSF x Near_LoA	-10,5041991	-0,092	0,310
CHR1	1177304	CHR1:1177304	SSF x Near_LoA	-11,658592	-0,047	0,311
CHR1	11773149	CHR1:11773149	SSF x Near_LoA	-8,27020241	0,057	0,309
CHR1	11773224	CHR1:11773224	SSF x Near_LoA	-8,37607765	0,070	0,307
CHR1	11773345	CHR1:11773345	SSF x Near_LoA	-9,55704303	-0,044	0,316
CHR1	1177336	CHR1:1177336	SSF x Near_LoA	-9,20514179	0,000	0,324
CHR1	11778333	CHR1:11778333	SSF x Near_LoA	-6,97758021	0,013	0,303
CHR1	11782488	CHR1:11782488	SSF x Near_LoA	-8,24678801	-0,154	0,305
CHR1	117838	CHR1:117838	SSF x Near_LoA	-10,7715909	-0,012	0,301
CHR1	11787279	CHR1:11787279	SSF x Near_LoA	-8,79585682	0,013	0,322
CHR1	11787524	CHR1:11787524	SSF x Near_LoA	-8,57569592	-0,166	0,300
CHR1	11801328	CHR1:11801328	SSF x Near_LoA	-7,33877722	-0,115	0,299
CHR1	11801501	CHR1:11801501	SSF x Near_LoA	-10,0616498	-0,074	0,309

CHR1	11801592	CHR1:11801592	SSF x Near_LoA	-9,13273411	0,050	0,305
CHR1	11809085	CHR1:11809085	SSF x Near_LoA	-11,5519085	0,000	0,304
CHR1	11814535	CHR1:11814535	SSF x Near_LoA	-10,0899734	-0,079	0,301
CHR1	11814655	CHR1:11814655	SSF x Near_LoA	-9,01618851	0,081	0,304
CHR1	11818063	CHR1:11818063	SSF x Near_LoA	-12,0383092	-0,010	0,302
CHR1	11823904	CHR1:11823904	SSF x Near_LoA	-9,89138079	-0,099	0,313
CHR1	11823924	CHR1:11823924	SSF x Near_LoA	-10,5142054	-0,024	0,315
CHR1	11823934	CHR1:11823934	SSF x Near_LoA	-7,93186445	-0,058	0,310
CHR1	11826765	CHR1:11826765	SSF x Near_LoA	-1,09660105	-0,085	0,304
CHR1	11826766	CHR1:11826766	SSF x Near_LoA	-7,7311771	-0,090	0,308
CHR1	1182783	CHR1:1182783	SSF x Near_LoA	-9,55426897	-0,067	0,313
CHR1	1182859	CHR1:1182859	SSF x Near_LoA	-12,1396016	-0,047	0,293
CHR1	1182860	CHR1:1182860	SSF x Near_LoA	-10,6375193	-0,029	0,292
CHR1	11830466	CHR1:11830466	SSF x Near_LoA	-11,0822368	0,023	0,300
CHR1	11830467	CHR1:11830467	SSF x Near_LoA	-6,70515036	0,105	0,315
CHR1	11830573	CHR1:11830573	SSF x Near_LoA	-8,28688616	-0,046	0,319
CHR1	11830637	CHR1:11830637	SSF x Near_LoA	-11,1854068	-0,128	0,306
CHR1	11837026	CHR1:11837026	SSF x Near_LoA	-8,86700879	-0,046	0,306
CHR1	11837058	CHR1:11837058	SSF x Near_LoA	-10,1393083	-0,006	0,300
CHR1	11837125	CHR1:11837125	SSF x Near_LoA	-9,16714347	0,043	0,297
CHR1	11837186	CHR1:11837186	SSF x Near_LoA	-9,56187411	-0,059	0,313
CHR1	11837205	CHR1:11837205	SSF x Near_LoA	-5,79294923	-0,030	0,306
CHR1	11871250	CHR1:11871250	SSF x Near_LoA	-7,87131413	-0,143	0,294
CHR1	11871260	CHR1:11871260	SSF x Near_LoA	-10,7262438	0,018	0,321
CHR1	11877566	CHR1:11877566	SSF x Near_LoA	-7,11996376	0,034	0,309
CHR1	11885636	CHR1:11885636	SSF x Near_LoA	-10,133533	0,080	0,314
CHR1	11901260	CHR1:11901260	SSF x Near_LoA	-5,25414667	0,118	0,317
CHR1	11925997	CHR1:11925997	SSF x Near_LoA	-7,13237496	0,092	0,304
CHR1	11926012	CHR1:11926012	SSF x Near_LoA	-9,95727355	0,045	0,301
CHR1	11926040	CHR1:11926040	SSF x Near_LoA	-10,1048349	0,016	0,314
CHR1	11926099	CHR1:11926099	SSF x Near_LoA	-8,73802662	-0,014	0,323
CHR1	1192874	CHR1:1192874	SSF x Near_LoA	-9,68011962	-0,069	0,298
CHR1	1192929	CHR1:1192929	SSF x Near_LoA	-9,43296739	0,027	0,311
CHR1	1193034	CHR1:1193034	SSF x Near_LoA	-11,0561545	-0,084	0,301
CHR1	11964162	CHR1:11964162	SSF x Near_LoA	-8,98281567	0,023	0,309
CHR1	11964191	CHR1:11964191	SSF x Near_LoA	-10,7014024	-0,017	0,302
CHR1	11964242	CHR1:11964242	SSF x Near_LoA	-7,78027011	-0,087	0,322
CHR1	11964275	CHR1:11964275	SSF x Near_LoA	-6,91582722	-0,127	0,323
CHR1	11967824	CHR1:11967824	SSF x Near_LoA	-9,82079713	-0,039	0,291
CHR1	11967830	CHR1:11967830	SSF x Near_LoA	-10,1432167	-0,023	0,319
CHR1	11967858	CHR1:11967858	SSF x Near_LoA	-10,3755838	-0,085	0,317
CHR1	11967999	CHR1:11967999	SSF x Near_LoA	-8,72695784	-0,027	0,299
CHR1	11968071	CHR1:11968071	SSF x Near_LoA	-9,67623696	0,077	0,299
CHR1	11971863	CHR1:11971863	SSF x Near_LoA	-10,330264	-0,055	0,302
CHR1	11972674	CHR1:11972674	SSF x Near_LoA	-2,76592248	0,087	0,307
CHR1	11977617	CHR1:11977617	SSF x Near_LoA	-9,77184367	0,080	0,310
CHR1	11977635	CHR1:11977635	SSF x Near_LoA	-9,36738181	0,021	0,302
CHR1	11977643	CHR1:11977643	SSF x Near_LoA	-8,17347029	0,102	0,305
CHR1	11977679	CHR1:11977679	SSF x Near_LoA	-11,3674842	-0,015	0,302
CHR1	11977761	CHR1:11977761	SSF x Near_LoA	-10,1026717	0,046	0,296
CHR1	11977867	CHR1:11977867	SSF x Near_LoA	-8,60471819	-0,032	0,317
CHR1	11981639	CHR1:11981639	SSF x Near_LoA	-10,011203	0,117	0,301
CHR1	11981668	CHR1:11981668	SSF x Near_LoA	-11,1489342	-0,080	0,300

CHR1	11981699	CHR1:11981699	SSF x Near_LoA	-9,51917791	0,095	0,302
CHR1	1198691	CHR1:1198691	SSF x Near_LoA	-9,03467723	-0,041	0,294
CHR1	11987066	CHR1:11987066	SSF x Near_LoA	-7,22504632	0,130	0,302
CHR1	11987088	CHR1:11987088	SSF x Near_LoA	-6,94342433	-0,163	0,293
CHR1	11987141	CHR1:11987141	SSF x Near_LoA	-8,01938584	0,105	0,305
CHR1	11987157	CHR1:11987157	SSF x Near_LoA	-7,89205869	0,060	0,307
CHR1	11987158	CHR1:11987158	SSF x Near_LoA	-12,1240913	-0,068	0,298
CHR1	11987159	CHR1:11987159	SSF x Near_LoA	-9,10630047	-0,071	0,323
CHR1	11987164	CHR1:11987164	SSF x Near_LoA	-4,16242609	-0,022	0,316
CHR1	11990613	CHR1:11990613	SSF x Near_LoA	-9,51447897	-0,027	0,298
CHR1	11990632	CHR1:11990632	SSF x Near_LoA	-11,9460353	0,028	0,292
CHR1	11990686	CHR1:11990686	SSF x Near_LoA	-7,92393074	0,097	0,300
CHR1	11990687	CHR1:11990687	SSF x Near_LoA	-7,10058497	0,045	0,313
CHR1	11990741	CHR1:11990741	SSF x Near_LoA	-7,82759529	0,165	0,283
CHR1	11990747	CHR1:11990747	SSF x Near_LoA	-8,67192494	-0,104	0,314
CHR1	11990757	CHR1:11990757	SSF x Near_LoA	-8,08941951	0,010	0,306
CHR1	11990808	CHR1:11990808	SSF x Near_LoA	-9,31224292	0,033	0,303
CHR1	11990809	CHR1:11990809	SSF x Near_LoA	-3,81077604	0,172	0,285
CHR1	11990871	CHR1:11990871	SSF x Near_LoA	-11,3893379	-0,081	0,305
CHR1	11990885	CHR1:11990885	SSF x Near_LoA	-6,51578555	-0,150	0,299
CHR1	11996165	CHR1:11996165	SSF x Near_LoA	-9,42808592	-0,048	0,319
CHR1	12005972	CHR1:12005972	SSF x Near_LoA	-10,237286	0,041	0,304
CHR1	12006007	CHR1:12006007	SSF x Near_LoA	-10,7161743	0,081	0,309
CHR1	12006044	CHR1:12006044	SSF x Near_LoA	-7,97032995	0,015	0,308
CHR1	12006048	CHR1:12006048	SSF x Near_LoA	-8,05400418	0,032	0,308
CHR1	12006062	CHR1:12006062	SSF x Near_LoA	-8,44713299	-0,022	0,317
CHR1	12010553	CHR1:12010553	SSF x Near_LoA	-10,2162525	0,054	0,309
CHR1	12010585	CHR1:12010585	SSF x Near_LoA	-9,83182122	0,071	0,304
CHR1	12010607	CHR1:12010607	SSF x Near_LoA	-9,55795099	-0,022	0,311
CHR1	12010650	CHR1:12010650	SSF x Near_LoA	-5,57742886	0,096	0,300
CHR1	12010669	CHR1:12010669	SSF x Near_LoA	-10,5211711	-0,043	0,312
CHR1	12010709	CHR1:12010709	SSF x Near_LoA	-11,1148299	-0,001	0,321
CHR1	12010722	CHR1:12010722	SSF x Near_LoA	-8,09527745	-0,022	0,304
CHR1	12010729	CHR1:12010729	SSF x Near_LoA	-8,31201507	0,077	0,296
CHR1	12010838	CHR1:12010838	SSF x Near_LoA	-8,21901308	-0,148	0,290
CHR1	12010840	CHR1:12010840	SSF x Near_LoA	-6,20264949	-0,149	0,306
CHR1	12010842	CHR1:12010842	SSF x Near_LoA	-8,81870368	-0,149	0,293
CHR1	12010860	CHR1:12010860	SSF x Near_LoA	-7,33370044	-0,052	0,302
CHR1	12010861	CHR1:12010861	SSF x Near_LoA	-8,55564503	-0,019	0,308
CHR1	12010868	CHR1:12010868	SSF x Near_LoA	-7,08189071	-0,040	0,302
CHR1	12028400	CHR1:12028400	SSF x Near_LoA	-9,16804922	0,015	0,312
CHR1	12028427	CHR1:12028427	SSF x Near_LoA	-8,25869634	-0,011	0,321
CHR1	12028438	CHR1:12028438	SSF x Near_LoA	-10,1126819	0,061	0,319
CHR1	12030351	CHR1:12030351	SSF x Near_LoA	-11,9782311	0,019	0,312
CHR1	12031229	CHR1:12031229	SSF x Near_LoA	-8,52066884	-0,060	0,314
CHR1	12031246	CHR1:12031246	SSF x Near_LoA	-9,76045992	0,053	0,306
CHR1	12031253	CHR1:12031253	SSF x Near_LoA	-8,93133849	0,057	0,312
CHR1	12031264	CHR1:12031264	SSF x Near_LoA	-9,88768798	0,067	0,307
CHR1	12031266	CHR1:12031266	SSF x Near_LoA	-7,68300706	0,055	0,314
CHR1	12031325	CHR1:12031325	SSF x Near_LoA	-11,0408612	0,015	0,309
CHR1	12031332	CHR1:12031332	SSF x Near_LoA	-10,4533529	0,008	0,302
CHR1	1204260	CHR1:1204260	SSF x Near_LoA	-7,25095434	-0,096	0,294
CHR1	1204288	CHR1:1204288	SSF x Near_LoA	-7,59977254	0,017	0,316

CHR1	1204290	CHR1:1204290	SSF x Near_LoA	-10,0078381	-0,091	0,302
CHR1	1204368	CHR1:1204368	SSF x Near_LoA	-4,78104446	-0,136	0,302
CHR1	1204521	CHR1:1204521	SSF x Near_LoA	-10,9432118	-0,080	0,290
CHR1	12047332	CHR1:12047332	SSF x Near_LoA	-8,5742525	-0,027	0,314
CHR1	12047397	CHR1:12047397	SSF x Near_LoA	-10,9326483	-0,096	0,303
CHR1	12047410	CHR1:12047410	SSF x Near_LoA	-11,0864654	-0,061	0,316
CHR1	12047416	CHR1:12047416	SSF x Near_LoA	-10,4849826	-0,036	0,307
CHR1	12047625	CHR1:12047625	SSF x Near_LoA	-9,35444276	-0,021	0,289
CHR1	12047629	CHR1:12047629	SSF x Near_LoA	-7,77423055	-0,007	0,315
CHR1	12047631	CHR1:12047631	SSF x Near_LoA	-10,5181265	-0,022	0,316
CHR1	12047654	CHR1:12047654	SSF x Near_LoA	-7,20790547	-0,056	0,306
CHR1	12047734	CHR1:12047734	SSF x Near_LoA	-10,2338674	-0,055	0,294
CHR1	1209531	CHR1:1209531	SSF x Near_LoA	-11,8104305	0,034	0,299
CHR1	1209533	CHR1:1209533	SSF x Near_LoA	-10,2825637	0,064	0,301
CHR1	1209541	CHR1:1209541	SSF x Near_LoA	-9,55636336	-0,017	0,307
CHR1	1209543	CHR1:1209543	SSF x Near_LoA	-7,84309591	0,004	0,308
CHR1	12098237	CHR1:12098237	SSF x Near_LoA	-10,0742514	0,019	0,305
CHR1	12100182	CHR1:12100182	SSF x Near_LoA	-11,0419606	-0,045	0,316
CHR1	12100184	CHR1:12100184	SSF x Near_LoA	-9,79546183	-0,022	0,309
CHR1	12100215	CHR1:12100215	SSF x Near_LoA	-11,5564346	-0,059	0,287
CHR1	12100345	CHR1:12100345	SSF x Near_LoA	-10,2766304	0,106	0,313
CHR1	12100382	CHR1:12100382	SSF x Near_LoA	-10,4271949	-0,159	0,307
CHR1	12100405	CHR1:12100405	SSF x Near_LoA	-5,29774134	0,105	0,318
CHR1	12105206	CHR1:12105206	SSF x Near_LoA	-9,34715223	0,103	0,304
CHR1	12105207	CHR1:12105207	SSF x Near_LoA	-9,07250879	0,130	0,315
CHR1	12110840	CHR1:12110840	SSF x Near_LoA	-10,2056295	0,048	0,310
CHR1	12110846	CHR1:12110846	SSF x Near_LoA	-7,75421813	0,045	0,311
CHR1	12110848	CHR1:12110848	SSF x Near_LoA	-9,28544513	0,027	0,320
CHR1	12110957	CHR1:12110957	SSF x Near_LoA	-7,01537155	0,120	0,296
CHR1	12115456	CHR1:12115456	SSF x Near_LoA	-9,14431915	0,063	0,294
CHR1	12115463	CHR1:12115463	SSF x Near_LoA	-9,42115514	0,042	0,288
CHR1	12115485	CHR1:12115485	SSF x Near_LoA	-10,644458	0,064	0,294
CHR1	12115492	CHR1:12115492	SSF x Near_LoA	-8,62553662	-0,031	0,305
CHR1	12121911	CHR1:12121911	SSF x Near_LoA	-8,93171455	0,005	0,319
CHR1	12121922	CHR1:12121922	SSF x Near_LoA	-9,04664415	-0,006	0,314
CHR1	12121926	CHR1:12121926	SSF x Near_LoA	-10,6971916	0,006	0,300
CHR1	12122133	CHR1:12122133	SSF x Near_LoA	-5,01968975	-0,057	0,315
CHR1	12123533	CHR1:12123533	SSF x Near_LoA	-10,6199286	-0,055	0,316
CHR1	12123546	CHR1:12123546	SSF x Near_LoA	-10,9930134	0,041	0,308
CHR1	12123685	CHR1:12123685	SSF x Near_LoA	-5,32495431	-0,171	0,311
CHR1	12123699	CHR1:12123699	SSF x Near_LoA	-10,9086158	-0,047	0,307
CHR1	12127378	CHR1:12127378	SSF x Near_LoA	-10,7680909	0,071	0,307
CHR1	12127528	CHR1:12127528	SSF x Near_LoA	-8,66937247	-0,037	0,317
CHR1	12127554	CHR1:12127554	SSF x Near_LoA	-10,6651063	-0,051	0,300
CHR1	12127583	CHR1:12127583	SSF x Near_LoA	-8,54094553	0,096	0,315
CHR1	12131702	CHR1:12131702	SSF x Near_LoA	-10,0236127	-0,052	0,311
CHR1	12131805	CHR1:12131805	SSF x Near_LoA	-9,64640088	0,044	0,312
CHR1	12131885	CHR1:12131885	SSF x Near_LoA	-11,6147929	0,013	0,303
CHR1	12131964	CHR1:12131964	SSF x Near_LoA	-9,1124028	0,138	0,309
CHR1	12133531	CHR1:12133531	SSF x Near_LoA	-9,01955902	0,051	0,312
CHR1	12133578	CHR1:12133578	SSF x Near_LoA	-8,74607352	-0,084	0,307
CHR1	12136136	CHR1:12136136	SSF x Near_LoA	-10,5057865	-0,023	0,312
CHR1	12136156	CHR1:12136156	SSF x Near_LoA	-10,6856611	-0,068	0,318

CHR1	12140299	CHR1:12140299	SSF x Near_LoA	-11,2440056	-0,037	0,323
CHR1	12140457	CHR1:12140457	SSF x Near_LoA	-8,77602279	0,044	0,315
CHR1	12140569	CHR1:12140569	SSF x Near_LoA	-11,339221	-0,071	0,306
CHR1	12145621	CHR1:12145621	SSF x Near_LoA	-11,1852909	0,050	0,306
CHR1	12158398	CHR1:12158398	SSF x Near_LoA	-6,7974209	-0,157	0,288
CHR1	12158413	CHR1:12158413	SSF x Near_LoA	-10,1382927	0,062	0,310
CHR1	12158414	CHR1:12158414	SSF x Near_LoA	-10,1709776	0,037	0,304
CHR1	12158425	CHR1:12158425	SSF x Near_LoA	-10,122587	-0,024	0,297
CHR1	12158447	CHR1:12158447	SSF x Near_LoA	-8,86325886	-0,161	0,298
CHR1	12158472	CHR1:12158472	SSF x Near_LoA	-10,9307728	0,045	0,309
CHR1	12158500	CHR1:12158500	SSF x Near_LoA	-9,91820851	0,029	0,306
CHR1	12167245	CHR1:12167245	SSF x Near_LoA	-8,15787481	0,001	0,310
CHR1	12167348	CHR1:12167348	SSF x Near_LoA	-10,5372751	0,003	0,305
CHR1	12167373	CHR1:12167373	SSF x Near_LoA	-6,86322507	-0,033	0,330
CHR1	12167411	CHR1:12167411	SSF x Near_LoA	-8,99419154	-0,076	0,322
CHR1	12174914	CHR1:12174914	SSF x Near_LoA	-5,09682281	0,107	0,310
CHR1	12174932	CHR1:12174932	SSF x Near_LoA	-9,23031903	-0,112	0,307
CHR1	12175002	CHR1:12175002	SSF x Near_LoA	-5,12726362	-0,117	0,303
CHR1	12175015	CHR1:12175015	SSF x Near_LoA	-7,97204345	0,022	0,311
CHR1	12175076	CHR1:12175076	SSF x Near_LoA	-12,067394	-0,026	0,313
CHR1	12175081	CHR1:12175081	SSF x Near_LoA	-10,0779538	0,062	0,298
CHR1	12175095	CHR1:12175095	SSF x Near_LoA	-8,95606574	-0,043	0,321
CHR1	12175097	CHR1:12175097	SSF x Near_LoA	-8,24200058	-0,047	0,309
CHR1	12175131	CHR1:12175131	SSF x Near_LoA	-9,99915313	-0,011	0,300
CHR1	12175135	CHR1:12175135	SSF x Near_LoA	-9,85005213	-0,135	0,309
CHR1	12175141	CHR1:12175141	SSF x Near_LoA	-12,1075911	0,003	0,291
CHR1	12175145	CHR1:12175145	SSF x Near_LoA	-8,11898561	-0,071	0,313
CHR1	12186322	CHR1:12186322	SSF x Near_LoA	-10,2942476	0,046	0,302
CHR1	12193752	CHR1:12193752	SSF x Near_LoA	-9,83194159	0,177	0,288
CHR1	12193767	CHR1:12193767	SSF x Near_LoA	-10,3148934	0,012	0,322
CHR1	12193786	CHR1:12193786	SSF x Near_LoA	-4,42924496	-0,194	0,290
CHR1	12193857	CHR1:12193857	SSF x Near_LoA	-8,50764154	0,181	0,304
CHR1	12195582	CHR1:12195582	SSF x Near_LoA	-11,1385665	-0,041	0,298
CHR1	12195703	CHR1:12195703	SSF x Near_LoA	-7,1685781	-0,158	0,300
CHR1	12195773	CHR1:12195773	SSF x Near_LoA	-9,81887038	0,132	0,302
CHR1	12199335	CHR1:12199335	SSF x Near_LoA	-5,91794649	-0,127	0,301
CHR1	12199337	CHR1:12199337	SSF x Near_LoA	-8,70804957	0,063	0,312
CHR1	12199340	CHR1:12199340	SSF x Near_LoA	-10,1462976	-0,053	0,299
CHR1	12199510	CHR1:12199510	SSF x Near_LoA	-9,66701143	-0,042	0,315
CHR1	12199589	CHR1:12199589	SSF x Near_LoA	-8,56541042	0,078	0,311
CHR1	12199640	CHR1:12199640	SSF x Near_LoA	-2,48680849	-0,146	0,310
CHR1	12205681	CHR1:12205681	SSF x Near_LoA	-7,34329465	0,222	0,289
CHR1	12205913	CHR1:12205913	SSF x Near_LoA	-11,2630947	0,076	0,293
CHR1	12220381	CHR1:12220381	SSF x Near_LoA	-8,01753858	-0,019	0,321
CHR1	12220453	CHR1:12220453	SSF x Near_LoA	-8,49769258	0,030	0,308
CHR1	12220455	CHR1:12220455	SSF x Near_LoA	-7,18642544	0,134	0,298
CHR1	12220502	CHR1:12220502	SSF x Near_LoA	-8,74256752	0,115	0,318
CHR1	12220619	CHR1:12220619	SSF x Near_LoA	-8,90705557	-0,039	0,301
CHR1	1222432	CHR1:1222432	SSF x Near_LoA	-8,08531968	0,057	0,303
CHR1	1222510	CHR1:1222510	SSF x Near_LoA	-9,55824072	-0,054	0,301
CHR1	12237944	CHR1:12237944	SSF x Near_LoA	-6,74550162	0,150	0,308
CHR1	12237968	CHR1:12237968	SSF x Near_LoA	-10,6753799	0,017	0,300
CHR1	12255287	CHR1:12255287	SSF x Near_LoA	-11,1929243	0,015	0,300

CHR1	12255311	CHR1:12255311	SSF x Near_LoA	-10,873561	0,061	0,304
CHR1	12255326	CHR1:12255326	SSF x Near_LoA	-8,7036745	-0,107	0,322
CHR1	12255409	CHR1:12255409	SSF x Near_LoA	-8,55119113	-0,059	0,314
CHR1	12255469	CHR1:12255469	SSF x Near_LoA	-5,36595635	-0,007	0,323
CHR1	12255510	CHR1:12255510	SSF x Near_LoA	-10,171889	0,099	0,326
CHR1	1225877	CHR1:1225877	SSF x Near_LoA	-10,5257969	-0,027	0,316
CHR1	1225880	CHR1:1225880	SSF x Near_LoA	-9,24337291	-0,012	0,304
CHR1	12259241	CHR1:12259241	SSF x Near_LoA	-7,67610863	-0,005	0,309
CHR1	12259274	CHR1:12259274	SSF x Near_LoA	-6,56367642	-0,075	0,310
CHR1	12259476	CHR1:12259476	SSF x Near_LoA	-8,57013739	-0,040	0,303
CHR1	12259501	CHR1:12259501	SSF x Near_LoA	-9,10371983	0,037	0,303
CHR1	1225952	CHR1:1225952	SSF x Near_LoA	-10,1962946	0,057	0,315
CHR1	1226019	CHR1:1226019	SSF x Near_LoA	-8,3663475	0,057	0,306
CHR1	1226113	CHR1:1226113	SSF x Near_LoA	-11,6444895	-0,008	0,302
CHR1	1226160	CHR1:1226160	SSF x Near_LoA	-9,04677664	-0,040	0,316
CHR1	12325488	CHR1:12325488	SSF x Near_LoA	-9,75461261	0,047	0,300
CHR1	12325489	CHR1:12325489	SSF x Near_LoA	-9,061341	0,077	0,306
CHR1	12325527	CHR1:12325527	SSF x Near_LoA	-6,45120919	-0,083	0,295
CHR1	12325601	CHR1:12325601	SSF x Near_LoA	-10,8778838	-0,002	0,308
CHR1	12325611	CHR1:12325611	SSF x Near_LoA	-9,39030413	0,031	0,301
CHR1	12325635	CHR1:12325635	SSF x Near_LoA	-4,01311769	0,045	0,297
CHR1	12325979	CHR1:12325979	SSF x Near_LoA	-10,18298	0,098	0,302
CHR1	12326037	CHR1:12326037	SSF x Near_LoA	-11,5296212	0,054	0,319
CHR1	12326068	CHR1:12326068	SSF x Near_LoA	-7,86913551	-0,138	0,305
CHR1	12331606	CHR1:12331606	SSF x Near_LoA	-11,2889292	-0,062	0,301
CHR1	12331623	CHR1:12331623	SSF x Near_LoA	-8,78681293	0,069	0,315
CHR1	12331634	CHR1:12331634	SSF x Near_LoA	-8,91629505	-0,076	0,308
CHR1	12331639	CHR1:12331639	SSF x Near_LoA	-6,44485665	-0,072	0,300
CHR1	12331702	CHR1:12331702	SSF x Near_LoA	-8,52029392	0,091	0,312
CHR1	12331711	CHR1:12331711	SSF x Near_LoA	-7,95332273	0,091	0,318
CHR1	12340642	CHR1:12340642	SSF x Near_LoA	-9,18495958	0,023	0,300
CHR1	12340660	CHR1:12340660	SSF x Near_LoA	-9,00667259	0,015	0,308
CHR1	12355229	CHR1:12355229	SSF x Near_LoA	-11,2317366	0,087	0,291
CHR1	12355310	CHR1:12355310	SSF x Near_LoA	-9,89578729	0,096	0,305
CHR1	12373001	CHR1:12373001	SSF x Near_LoA	-8,67725111	0,000	0,311
CHR1	12397862	CHR1:12397862	SSF x Near_LoA	-7,61821582	-0,166	0,306
CHR1	12403966	CHR1:12403966	SSF x Near_LoA	-8,05117615	-0,015	0,312
CHR1	12404009	CHR1:12404009	SSF x Near_LoA	-10,8456479	-0,020	0,297
CHR1	12404054	CHR1:12404054	SSF x Near_LoA	-6,61384101	0,054	0,311
CHR1	12404055	CHR1:12404055	SSF x Near_LoA	-7,8511353	0,061	0,300
CHR1	12411598	CHR1:12411598	SSF x Near_LoA	-8,99278771	0,051	0,300
CHR1	12411604	CHR1:12411604	SSF x Near_LoA	-10,6100265	-0,122	0,301
CHR1	12411770	CHR1:12411770	SSF x Near_LoA	-8,71106991	-0,043	0,298
CHR1	12436019	CHR1:12436019	SSF x Near_LoA	-8,48847598	0,015	0,297
CHR1	12436808	CHR1:12436808	SSF x Near_LoA	-8,39958144	0,051	0,304
CHR1	1244524	CHR1:1244524	SSF x Near_LoA	-9,54247424	-0,003	0,303
CHR1	12449716	CHR1:12449716	SSF x Near_LoA	-11,1578639	-0,021	0,318
CHR1	12449815	CHR1:12449815	SSF x Near_LoA	-10,7392363	0,023	0,308
CHR1	12449969	CHR1:12449969	SSF x Near_LoA	-9,22532836	-0,002	0,307
CHR1	12471590	CHR1:12471590	SSF x Near_LoA	-11,8064021	-0,019	0,305
CHR1	12505843	CHR1:12505843	SSF x Near_LoA	-8,58264467	-0,075	0,297
CHR1	12505858	CHR1:12505858	SSF x Near_LoA	-10,0091184	-0,039	0,317
CHR1	12505875	CHR1:12505875	SSF x Near_LoA	-8,47616844	0,068	0,305

CHR1	12505935	CHR1:12505935	SSF x Near_LoA	-5,05774148	0,012	0,298
CHR1	12506055	CHR1:12506055	SSF x Near_LoA	-7,40231116	-0,051	0,311
CHR1	12509738	CHR1:12509738	SSF x Near_LoA	10,3835068	-0,132	0,299
CHR1	12512085	CHR1:12512085	SSF x Near_LoA	-9,97259661	0,047	0,309
CHR1	12512127	CHR1:12512127	SSF x Near_LoA	-9,58789684	0,033	0,295
CHR1	12512708	CHR1:12512708	SSF x Near_LoA	-8,86322582	0,091	0,290
CHR1	12512744	CHR1:12512744	SSF x Near_LoA	-9,08940098	0,109	0,280
CHR1	12512761	CHR1:12512761	SSF x Near_LoA	-11,1211362	0,026	0,303
CHR1	12517998	CHR1:12517998	SSF x Near_LoA	-11,0479128	0,116	0,301
CHR1	12518052	CHR1:12518052	SSF x Near_LoA	-10,6809666	-0,086	0,306
CHR1	12518076	CHR1:12518076	SSF x Near_LoA	-2,74631182	0,061	0,320
CHR1	12518078	CHR1:12518078	SSF x Near_LoA	-10,6736273	-0,016	0,308
CHR1	12518104	CHR1:12518104	SSF x Near_LoA	0,41774268	-0,108	0,300
CHR1	12518122	CHR1:12518122	SSF x Near_LoA	-10,2076599	0,093	0,314
CHR1	12518141	CHR1:12518141	SSF x Near_LoA	-11,2044696	0,014	0,311
CHR1	12518168	CHR1:12518168	SSF x Near_LoA	-3,25808574	0,191	0,296
CHR1	12518181	CHR1:12518181	SSF x Near_LoA	-9,03007396	-0,056	0,309
CHR1	12518230	CHR1:12518230	SSF x Near_LoA	-9,95788907	0,047	0,299
CHR1	12521956	CHR1:12521956	SSF x Near_LoA	-7,57417213	0,003	0,299
CHR1	12522347	CHR1:12522347	SSF x Near_LoA	-9,58854921	0,027	0,315
CHR1	12524998	CHR1:12524998	SSF x Near_LoA	-10,0887067	0,049	0,309
CHR1	1252500	CHR1:1252500	SSF x Near_LoA	-6,58906392	-0,171	0,309
CHR1	12525045	CHR1:12525045	SSF x Near_LoA	-6,08566462	-0,116	0,285
CHR1	1252513	CHR1:1252513	SSF x Near_LoA	-9,10446764	-0,030	0,316
CHR1	1252596	CHR1:1252596	SSF x Near_LoA	-8,39243854	0,180	0,295
CHR1	1252601	CHR1:1252601	SSF x Near_LoA	-7,31551173	0,161	0,310
CHR1	1252639	CHR1:1252639	SSF x Near_LoA	-8,82603038	-0,069	0,316
CHR1	1252749	CHR1:1252749	SSF x Near_LoA	-9,48228427	-0,023	0,307
CHR1	12537807	CHR1:12537807	SSF x Near_LoA	-11,7397773	-0,012	0,301
CHR1	12537838	CHR1:12537838	SSF x Near_LoA	-11,1686036	-0,070	0,303
CHR1	12537906	CHR1:12537906	SSF x Near_LoA	-11,1397746	0,005	0,303
CHR1	12537944	CHR1:12537944	SSF x Near_LoA	-11,2827258	-0,018	0,315
CHR1	12537946	CHR1:12537946	SSF x Near_LoA	-10,6593101	-0,015	0,309
CHR1	12537984	CHR1:12537984	SSF x Near_LoA	-4,11382854	0,146	0,314
CHR1	12537985	CHR1:12537985	SSF x Near_LoA	-3,21440745	0,144	0,309
CHR1	12538017	CHR1:12538017	SSF x Near_LoA	-7,16897412	-0,108	0,307
CHR1	12538019	CHR1:12538019	SSF x Near_LoA	-7,89916973	0,087	0,304
CHR1	12538058	CHR1:12538058	SSF x Near_LoA	-11,1174912	-0,009	0,316
CHR1	12545938	CHR1:12545938	SSF x Near_LoA	-6,08217794	-0,169	0,298
CHR1	12545994	CHR1:12545994	SSF x Near_LoA	-8,17246493	0,056	0,304
CHR1	12554036	CHR1:12554036	SSF x Near_LoA	-7,82939568	0,096	0,308
CHR1	12554061	CHR1:12554061	SSF x Near_LoA	-8,45321044	0,024	0,309
CHR1	12566400	CHR1:12566400	SSF x Near_LoA	-8,48024936	-0,051	0,308
CHR1	12566438	CHR1:12566438	SSF x Near_LoA	-8,99378723	-0,098	0,305
CHR1	12566506	CHR1:12566506	SSF x Near_LoA	-7,79222395	0,081	0,318
CHR1	12566553	CHR1:12566553	SSF x Near_LoA	-9,27044843	-0,038	0,306
CHR1	12566576	CHR1:12566576	SSF x Near_LoA	-4,69104487	0,157	0,308
CHR1	12566580	CHR1:12566580	SSF x Near_LoA	-8,52729259	0,078	0,306
CHR1	12584947	CHR1:12584947	SSF x Near_LoA	-10,3649913	-0,024	0,302
CHR1	12595209	CHR1:12595209	SSF x Near_LoA	-10,3457878	0,088	0,313
CHR1	12595235	CHR1:12595235	SSF x Near_LoA	-9,83201954	-0,023	0,299
CHR1	12608522	CHR1:12608522	SSF x Near_LoA	-9,87223818	0,016	0,310
CHR1	12608529	CHR1:12608529	SSF x Near_LoA	-8,47529886	-0,038	0,312

CHR1	1261166	CHR1:1261166	SSF x Near_LoA	-10,2851899	0,012	0,308
CHR1	1261169	CHR1:1261169	SSF x Near_LoA	-6,10912585	0,107	0,300
CHR1	1261180	CHR1:1261180	SSF x Near_LoA	-11,1037616	-0,039	0,313
CHR1	1261269	CHR1:1261269	SSF x Near_LoA	-8,19057257	0,104	0,308
CHR1	1261386	CHR1:1261386	SSF x Near_LoA	-9,291087	-0,007	0,325
CHR1	1261452	CHR1:1261452	SSF x Near_LoA	-8,54528185	-0,003	0,317
CHR1	1261502	CHR1:1261502	SSF x Near_LoA	-11,5269592	0,032	0,303
CHR1	12632343	CHR1:12632343	SSF x Near_LoA	-10,997693	0,078	0,315
CHR1	12632368	CHR1:12632368	SSF x Near_LoA	-9,99323525	0,061	0,307
CHR1	12632380	CHR1:12632380	SSF x Near_LoA	-8,86615154	-0,002	0,305
CHR1	12632427	CHR1:12632427	SSF x Near_LoA	-10,9541784	-0,036	0,305
CHR1	12639498	CHR1:12639498	SSF x Near_LoA	-8,67634397	0,030	0,306
CHR1	12639499	CHR1:12639499	SSF x Near_LoA	-7,99631995	0,082	0,316
CHR1	12639709	CHR1:12639709	SSF x Near_LoA	-10,4970471	-0,051	0,317
CHR1	12647452	CHR1:12647452	SSF x Near_LoA	-3,28610805	0,028	0,293
CHR1	12647481	CHR1:12647481	SSF x Near_LoA	-11,1255972	-0,109	0,306
CHR1	12647502	CHR1:12647502	SSF x Near_LoA	-11,7171318	0,093	0,289
CHR1	12647580	CHR1:12647580	SSF x Near_LoA	-6,84184306	0,130	0,289
CHR1	12647591	CHR1:12647591	SSF x Near_LoA	-9,50309003	0,009	0,317
CHR1	12647620	CHR1:12647620	SSF x Near_LoA	-7,68476159	0,136	0,298
CHR1	12647638	CHR1:12647638	SSF x Near_LoA	-8,93333866	-0,082	0,300
CHR1	12656933	CHR1:12656933	SSF x Near_LoA	-7,29860816	0,057	0,322
CHR1	12656994	CHR1:12656994	SSF x Near_LoA	-10,0640325	-0,085	0,284
CHR1	12657050	CHR1:12657050	SSF x Near_LoA	-11,4352142	0,014	0,306
CHR1	12657976	CHR1:12657976	SSF x Near_LoA	-8,56714315	0,138	0,293
CHR1	12667808	CHR1:12667808	SSF x Near_LoA	-8,66221527	0,075	0,298
CHR1	12667851	CHR1:12667851	SSF x Near_LoA	-10,2824601	0,111	0,303
CHR1	1267332	CHR1:1267332	SSF x Near_LoA	-10,5734787	0,107	0,313
CHR1	1267423	CHR1:1267423	SSF x Near_LoA	-8,00938094	-0,067	0,311
CHR1	12695211	CHR1:12695211	SSF x Near_LoA	-10,4940635	-0,007	0,298
CHR1	12695214	CHR1:12695214	SSF x Near_LoA	-7,9507602	-0,115	0,307
CHR1	12695227	CHR1:12695227	SSF x Near_LoA	-7,41319926	-0,048	0,328
CHR1	12695282	CHR1:12695282	SSF x Near_LoA	-9,32737241	-0,038	0,310
CHR1	12695338	CHR1:12695338	SSF x Near_LoA	-11,6438326	-0,094	0,310
CHR1	12695398	CHR1:12695398	SSF x Near_LoA	-8,21328289	0,107	0,300
CHR1	12695526	CHR1:12695526	SSF x Near_LoA	-6,83173525	-0,025	0,307
CHR1	12697312	CHR1:12697312	SSF x Near_LoA	-9,31139009	-0,107	0,315
CHR1	12697393	CHR1:12697393	SSF x Near_LoA	-10,1329761	0,069	0,299
CHR1	12697449	CHR1:12697449	SSF x Near_LoA	-11,1410342	-0,132	0,294
CHR1	12708816	CHR1:12708816	SSF x Near_LoA	-4,19313137	0,008	0,307
CHR1	12711912	CHR1:12711912	SSF x Near_LoA	-8,92294726	-0,057	0,310
CHR1	12711965	CHR1:12711965	SSF x Near_LoA	-10,3336086	0,066	0,302
CHR1	12712018	CHR1:12712018	SSF x Near_LoA	-8,66558408	-0,065	0,306
CHR1	127132	CHR1:127132	SSF x Near_LoA	-1,3774468	-0,018	0,298
CHR1	1274384	CHR1:1274384	SSF x Near_LoA	-11,6586239	0,033	0,301
CHR1	1274536	CHR1:1274536	SSF x Near_LoA	-8,94174039	-0,053	0,303
CHR1	1274555	CHR1:1274555	SSF x Near_LoA	-8,82035334	-0,080	0,299
CHR1	1274582	CHR1:1274582	SSF x Near_LoA	-8,13685036	0,014	0,297
CHR1	12759284	CHR1:12759284	SSF x Near_LoA	0,23933017	0,083	0,306
CHR1	12765347	CHR1:12765347	SSF x Near_LoA	-9,59456854	-0,034	0,304
CHR1	12765368	CHR1:12765368	SSF x Near_LoA	-10,7361588	-0,079	0,299
CHR1	12765369	CHR1:12765369	SSF x Near_LoA	-9,21268398	-0,073	0,308
CHR1	12768137	CHR1:12768137	SSF x Near_LoA	-8,84721032	0,012	0,319

CHR1	12768268	CHR1:12768268	SSF x Near_LoA	-8,72912396	-0,003	0,310
CHR1	12768387	CHR1:12768387	SSF x Near_LoA	-9,33142741	0,027	0,305
CHR1	12769794	CHR1:12769794	SSF x Near_LoA	-10,0408773	-0,096	0,306
CHR1	12769796	CHR1:12769796	SSF x Near_LoA	-8,36612179	0,053	0,299
CHR1	12769813	CHR1:12769813	SSF x Near_LoA	-8,65284435	0,035	0,321
CHR1	12769829	CHR1:12769829	SSF x Near_LoA	-8,42021271	-0,017	0,326
CHR1	12769843	CHR1:12769843	SSF x Near_LoA	-10,0840165	0,061	0,308
CHR1	12769850	CHR1:12769850	SSF x Near_LoA	-10,0501965	-0,020	0,299
CHR1	12769854	CHR1:12769854	SSF x Near_LoA	-11,1192545	-0,009	0,308
CHR1	12769864	CHR1:12769864	SSF x Near_LoA	-11,5938432	0,003	0,300
CHR1	12769867	CHR1:12769867	SSF x Near_LoA	-8,81179312	-0,030	0,310
CHR1	12769910	CHR1:12769910	SSF x Near_LoA	-10,0137636	0,020	0,305
CHR1	12770180	CHR1:12770180	SSF x Near_LoA	-9,60690068	0,084	0,306
CHR1	12770182	CHR1:12770182	SSF x Near_LoA	-8,60723609	-0,060	0,301
CHR1	12770190	CHR1:12770190	SSF x Near_LoA	-7,50600525	-0,131	0,295
CHR1	12770215	CHR1:12770215	SSF x Near_LoA	-5,48566668	0,069	0,309
CHR1	12770234	CHR1:12770234	SSF x Near_LoA	-9,35119145	-0,004	0,312
CHR1	12770235	CHR1:12770235	SSF x Near_LoA	-10,6656964	-0,054	0,290
CHR1	12770239	CHR1:12770239	SSF x Near_LoA	-5,7086767	-0,070	0,310
CHR1	12770251	CHR1:12770251	SSF x Near_LoA	-10,9561782	-0,022	0,286
CHR1	12774583	CHR1:12774583	SSF x Near_LoA	-8,99914535	-0,192	0,284
CHR1	12774699	CHR1:12774699	SSF x Near_LoA	-10,0221849	0,065	0,307
CHR1	12774700	CHR1:12774700	SSF x Near_LoA	-10,3541336	0,084	0,293
CHR1	12776429	CHR1:12776429	SSF x Near_LoA	-9,88189313	-0,127	0,300
CHR1	12776432	CHR1:12776432	SSF x Near_LoA	-8,61786447	-0,013	0,316
CHR1	12776496	CHR1:12776496	SSF x Near_LoA	-8,42723173	0,032	0,312
CHR1	12776637	CHR1:12776637	SSF x Near_LoA	0,58499178	0,039	0,297
CHR1	12783825	CHR1:12783825	SSF x Near_LoA	-1,06544993	0,128	0,309
CHR1	12783842	CHR1:12783842	SSF x Near_LoA	-9,01159537	0,071	0,295
CHR1	12784015	CHR1:12784015	SSF x Near_LoA	-8,67469481	0,042	0,303
CHR1	12791161	CHR1:12791161	SSF x Near_LoA	-9,26371068	0,090	0,301
CHR1	12791313	CHR1:12791313	SSF x Near_LoA	-11,5987631	0,095	0,303
CHR1	12791336	CHR1:12791336	SSF x Near_LoA	-8,86818532	0,002	0,298
CHR1	1279503	CHR1:1279503	SSF x Near_LoA	-5,61151254	-0,038	0,304
CHR1	1279547	CHR1:1279547	SSF x Near_LoA	-8,62249967	-0,090	0,289
CHR1	1279557	CHR1:1279557	SSF x Near_LoA	-6,7380697	0,078	0,321
CHR1	12796175	CHR1:12796175	SSF x Near_LoA	-6,95042384	-0,072	0,314
CHR1	12796203	CHR1:12796203	SSF x Near_LoA	-8,5909546	0,002	0,315
CHR1	12796211	CHR1:12796211	SSF x Near_LoA	-10,066138	-0,022	0,307
CHR1	12796239	CHR1:12796239	SSF x Near_LoA	-7,54512705	-0,057	0,317
CHR1	12796568	CHR1:12796568	SSF x Near_LoA	-7,23652367	0,109	0,314
CHR1	12796575	CHR1:12796575	SSF x Near_LoA	-9,2415337	0,122	0,309
CHR1	12796577	CHR1:12796577	SSF x Near_LoA	-7,66045567	0,047	0,310
CHR1	12796622	CHR1:12796622	SSF x Near_LoA	-8,02237557	0,017	0,315
CHR1	12807736	CHR1:12807736	SSF x Near_LoA	-3,92287247	0,186	0,290
CHR1	12807794	CHR1:12807794	SSF x Near_LoA	-1,74076267	-0,076	0,308
CHR1	12808922	CHR1:12808922	SSF x Near_LoA	-9,78690454	-0,067	0,305
CHR1	12808929	CHR1:12808929	SSF x Near_LoA	-6,75530053	-0,050	0,311
CHR1	12809014	CHR1:12809014	SSF x Near_LoA	-10,6587	-0,078	0,316
CHR1	12814710	CHR1:12814710	SSF x Near_LoA	-9,23919133	0,045	0,304
CHR1	12814737	CHR1:12814737	SSF x Near_LoA	-10,3253055	0,050	0,310
CHR1	12814744	CHR1:12814744	SSF x Near_LoA	-7,89125533	0,024	0,306
CHR1	12814770	CHR1:12814770	SSF x Near_LoA	-6,62988984	-0,006	0,310

CHR1	12814795	CHR1:12814795	SSF x Near_LoA	-9,57902632	0,083	0,294
CHR1	12814809	CHR1:12814809	SSF x Near_LoA	-7,6983689	-0,031	0,307
CHR1	12814818	CHR1:12814818	SSF x Near_LoA	-9,82838464	0,064	0,324
CHR1	12816728	CHR1:12816728	SSF x Near_LoA	-9,44084763	-0,008	0,310
CHR1	12824592	CHR1:12824592	SSF x Near_LoA	-9,63704076	0,032	0,306
CHR1	12824610	CHR1:12824610	SSF x Near_LoA	-5,20306406	-0,020	0,314
CHR1	12824697	CHR1:12824697	SSF x Near_LoA	-10,7159973	-0,115	0,303
CHR1	12824699	CHR1:12824699	SSF x Near_LoA	-6,76555884	0,024	0,321
CHR1	12824736	CHR1:12824736	SSF x Near_LoA	-10,8369521	-0,070	0,309
CHR1	12824755	CHR1:12824755	SSF x Near_LoA	-10,3016256	-0,161	0,310
CHR1	12824763	CHR1:12824763	SSF x Near_LoA	-8,15397202	-0,097	0,309
CHR1	12832329	CHR1:12832329	SSF x Near_LoA	-8,68751645	0,055	0,319
CHR1	1285163	CHR1:1285163	SSF x Near_LoA	-9,12652745	0,082	0,291
CHR1	1285243	CHR1:1285243	SSF x Near_LoA	-10,8880662	0,071	0,298
CHR1	12898574	CHR1:12898574	SSF x Near_LoA	-6,41302731	-0,104	0,311
CHR1	12898600	CHR1:12898600	SSF x Near_LoA	-10,4848625	0,064	0,321
CHR1	12898660	CHR1:12898660	SSF x Near_LoA	-11,1245351	0,053	0,302
CHR1	12899045	CHR1:12899045	SSF x Near_LoA	-11,804054	0,006	0,306
CHR1	12914557	CHR1:12914557	SSF x Near_LoA	-11,011327	0,096	0,292
CHR1	12914572	CHR1:12914572	SSF x Near_LoA	-9,12631151	-0,067	0,312
CHR1	12915516	CHR1:12915516	SSF x Near_LoA	-7,03776895	0,094	0,305
CHR1	12915570	CHR1:12915570	SSF x Near_LoA	-6,73188615	0,198	0,297
CHR1	12921357	CHR1:12921357	SSF x Near_LoA	-8,79019939	-0,046	0,311
CHR1	12921473	CHR1:12921473	SSF x Near_LoA	-9,31665449	0,052	0,306
CHR1	12927259	CHR1:12927259	SSF x Near_LoA	-10,769233	0,020	0,318
CHR1	12927301	CHR1:12927301	SSF x Near_LoA	-7,23861461	0,109	0,306
CHR1	12927387	CHR1:12927387	SSF x Near_LoA	-7,34081888	-0,116	0,316
CHR1	12927415	CHR1:12927415	SSF x Near_LoA	5,93995799	0,076	0,289
CHR1	12927477	CHR1:12927477	SSF x Near_LoA	-10,6756297	-0,071	0,296
CHR1	12937902	CHR1:12937902	SSF x Near_LoA	-7,64668943	0,016	0,312
CHR1	12939563	CHR1:12939563	SSF x Near_LoA	-8,77985846	0,043	0,319
CHR1	12939768	CHR1:12939768	SSF x Near_LoA	-8,09409796	-0,016	0,307
CHR1	1294182	CHR1:1294182	SSF x Near_LoA	-7,06355217	-0,011	0,312
CHR1	1294190	CHR1:1294190	SSF x Near_LoA	-9,85339372	-0,026	0,309
CHR1	1294307	CHR1:1294307	SSF x Near_LoA	-11,3705888	0,027	0,315
CHR1	1294321	CHR1:1294321	SSF x Near_LoA	-11,4094495	0,035	0,310
CHR1	12943494	CHR1:12943494	SSF x Near_LoA	-10,252968	-0,051	0,302
CHR1	1294356	CHR1:1294356	SSF x Near_LoA	-3,97939357	0,062	0,311
CHR1	1294376	CHR1:1294376	SSF x Near_LoA	-5,72654109	-0,001	0,310
CHR1	1294382	CHR1:1294382	SSF x Near_LoA	-8,85212131	0,009	0,305
CHR1	12950423	CHR1:12950423	SSF x Near_LoA	-4,91016553	-0,146	0,290
CHR1	12950449	CHR1:12950449	SSF x Near_LoA	-11,6834407	0,018	0,308
CHR1	12950453	CHR1:12950453	SSF x Near_LoA	-8,71082096	-0,065	0,306
CHR1	12950467	CHR1:12950467	SSF x Near_LoA	-8,61293069	-0,084	0,297
CHR1	12950589	CHR1:12950589	SSF x Near_LoA	-11,0560231	0,005	0,298
CHR1	12950592	CHR1:12950592	SSF x Near_LoA	-6,83505716	-0,090	0,309
CHR1	12950619	CHR1:12950619	SSF x Near_LoA	-11,4143468	0,067	0,303
CHR1	12950638	CHR1:12950638	SSF x Near_LoA	-10,7285326	-0,056	0,300
CHR1	12950639	CHR1:12950639	SSF x Near_LoA	-10,4647697	-0,059	0,309
CHR1	12950660	CHR1:12950660	SSF x Near_LoA	-7,99330091	-0,052	0,299
CHR1	12950699	CHR1:12950699	SSF x Near_LoA	-6,08065084	0,009	0,299
CHR1	12950704	CHR1:12950704	SSF x Near_LoA	-4,91153528	-0,166	0,302
CHR1	12950719	CHR1:12950719	SSF x Near_LoA	-9,26432745	-0,032	0,314

CHR1	12955365	CHR1:12955365	SSF x Near_LoA	-7,91802349	0,123	0,305
CHR1	12955420	CHR1:12955420	SSF x Near_LoA	-10,9026413	0,029	0,300
CHR1	12955520	CHR1:12955520	SSF x Near_LoA	-8,7803601	-0,063	0,298
CHR1	12957427	CHR1:12957427	SSF x Near_LoA	-9,95728018	-0,129	0,295
CHR1	12957432	CHR1:12957432	SSF x Near_LoA	-11,9767531	-0,061	0,305
CHR1	12957437	CHR1:12957437	SSF x Near_LoA	-9,81703865	0,005	0,318
CHR1	12957438	CHR1:12957438	SSF x Near_LoA	-10,3864493	0,009	0,313
CHR1	12957443	CHR1:12957443	SSF x Near_LoA	-11,177254	0,003	0,314
CHR1	12957471	CHR1:12957471	SSF x Near_LoA	-9,38616239	-0,005	0,304
CHR1	12957484	CHR1:12957484	SSF x Near_LoA	-6,97584185	-0,087	0,303
CHR1	12957486	CHR1:12957486	SSF x Near_LoA	-9,41856078	-0,044	0,298
CHR1	12957492	CHR1:12957492	SSF x Near_LoA	-8,25494227	0,024	0,306
CHR1	12957530	CHR1:12957530	SSF x Near_LoA	-8,42651976	-0,082	0,323
CHR1	12957553	CHR1:12957553	SSF x Near_LoA	-10,4001925	-0,026	0,306
CHR1	12957555	CHR1:12957555	SSF x Near_LoA	-6,28463906	0,128	0,314
CHR1	12957592	CHR1:12957592	SSF x Near_LoA	-7,92105853	-0,081	0,309
CHR1	12957612	CHR1:12957612	SSF x Near_LoA	-8,52812347	0,032	0,311
CHR1	12957684	CHR1:12957684	SSF x Near_LoA	-8,06038168	0,057	0,309
CHR1	12960621	CHR1:12960621	SSF x Near_LoA	-9,70950102	-0,004	0,319
CHR1	12963259	CHR1:12963259	SSF x Near_LoA	-10,3312808	0,104	0,310
CHR1	12963565	CHR1:12963565	SSF x Near_LoA	-11,8368255	-0,049	0,288
CHR1	12963631	CHR1:12963631	SSF x Near_LoA	-9,76346153	0,079	0,299
CHR1	1296624	CHR1:1296624	SSF x Near_LoA	-8,00914938	0,113	0,311
CHR1	1296625	CHR1:1296625	SSF x Near_LoA	-11,5654111	-0,039	0,300
CHR1	12972615	CHR1:12972615	SSF x Near_LoA	-7,67146999	-0,115	0,303
CHR1	12972669	CHR1:12972669	SSF x Near_LoA	-9,76346922	-0,098	0,301
CHR1	12972700	CHR1:12972700	SSF x Near_LoA	-8,00158812	0,010	0,304
CHR1	12973692	CHR1:12973692	SSF x Near_LoA	-11,0090763	-0,030	0,314
CHR1	12973707	CHR1:12973707	SSF x Near_LoA	-11,561778	0,051	0,305
CHR1	12973731	CHR1:12973731	SSF x Near_LoA	-9,74401112	-0,017	0,325
CHR1	12973772	CHR1:12973772	SSF x Near_LoA	-9,03702274	-0,042	0,313
CHR1	12988081	CHR1:12988081	SSF x Near_LoA	-8,85910891	0,059	0,310
CHR1	12998156	CHR1:12998156	SSF x Near_LoA	-10,0383791	0,003	0,309
CHR1	12998248	CHR1:12998248	SSF x Near_LoA	-6,87369587	0,189	0,306
CHR1	12998261	CHR1:12998261	SSF x Near_LoA	-8,48050446	0,080	0,303
CHR1	13012332	CHR1:13012332	SSF x Near_LoA	-10,6544528	0,022	0,309
CHR1	13012443	CHR1:13012443	SSF x Near_LoA	-11,0089096	0,058	0,320
CHR1	13012505	CHR1:13012505	SSF x Near_LoA	-6,85088245	-0,004	0,322
CHR1	13012533	CHR1:13012533	SSF x Near_LoA	-9,02060933	0,065	0,302
CHR1	13012551	CHR1:13012551	SSF x Near_LoA	-7,26637	-0,074	0,296
CHR1	13025286	CHR1:13025286	SSF x Near_LoA	-5,56055201	0,037	0,308
CHR1	13025515	CHR1:13025515	SSF x Near_LoA	-10,9683762	0,070	0,308
CHR1	13031154	CHR1:13031154	SSF x Near_LoA	-7,67510415	-0,093	0,303
CHR1	13042879	CHR1:13042879	SSF x Near_LoA	-9,28935711	-0,061	0,317
CHR1	13042894	CHR1:13042894	SSF x Near_LoA	-9,10713908	0,041	0,303
CHR1	13042897	CHR1:13042897	SSF x Near_LoA	-8,46109621	-0,049	0,310
CHR1	13043120	CHR1:13043120	SSF x Near_LoA	-9,18675187	0,034	0,319
CHR1	13049073	CHR1:13049073	SSF x Near_LoA	-8,59371414	0,040	0,295
CHR1	13049243	CHR1:13049243	SSF x Near_LoA	-8,20035079	-0,053	0,311
CHR1	13049262	CHR1:13049262	SSF x Near_LoA	-8,34525069	-0,060	0,305
CHR1	13049264	CHR1:13049264	SSF x Near_LoA	-6,94922742	-0,062	0,292
CHR1	13049265	CHR1:13049265	SSF x Near_LoA	-10,0063522	-0,018	0,281
CHR1	13060543	CHR1:13060543	SSF x Near_LoA	-11,0890203	0,029	0,305

CHR1	13060748	CHR1:13060748	SSF x Near_LoA	-10,6006015	-0,070	0,314
CHR1	13060761	CHR1:13060761	SSF x Near_LoA	-7,49264302	0,077	0,302
CHR1	13060789	CHR1:13060789	SSF x Near_LoA	-9,88961524	-0,060	0,299
CHR1	13060816	CHR1:13060816	SSF x Near_LoA	-8,62523707	-0,039	0,321
CHR1	13068879	CHR1:13068879	SSF x Near_LoA	-9,83962415	-0,040	0,302
CHR1	13074350	CHR1:13074350	SSF x Near_LoA	-10,5692441	0,025	0,310
CHR1	13074449	CHR1:13074449	SSF x Near_LoA	-10,9758767	-0,060	0,310
CHR1	13074631	CHR1:13074631	SSF x Near_LoA	-7,28387378	-0,041	0,316
CHR1	13074633	CHR1:13074633	SSF x Near_LoA	-7,8939782	-0,037	0,318
CHR1	13081365	CHR1:13081365	SSF x Near_LoA	-7,06819417	0,061	0,292
CHR1	13082064	CHR1:13082064	SSF x Near_LoA	-7,42933389	0,010	0,310
CHR1	13087991	CHR1:13087991	SSF x Near_LoA	-11,4709203	0,017	0,309
CHR1	13111356	CHR1:13111356	SSF x Near_LoA	-8,7818654	0,091	0,307
CHR1	13125428	CHR1:13125428	SSF x Near_LoA	-8,37448862	0,099	0,308
CHR1	13125536	CHR1:13125536	SSF x Near_LoA	-11,0225787	0,068	0,306
CHR1	13129996	CHR1:13129996	SSF x Near_LoA	-10,5784258	0,130	0,307
CHR1	13131987	CHR1:13131987	SSF x Near_LoA	-8,90093458	-0,039	0,308
CHR1	13133873	CHR1:13133873	SSF x Near_LoA	-8,78275724	-0,043	0,303
CHR1	13133874	CHR1:13133874	SSF x Near_LoA	-8,51770845	-0,077	0,323
CHR1	13133875	CHR1:13133875	SSF x Near_LoA	-10,4713647	0,032	0,306
CHR1	13133918	CHR1:13133918	SSF x Near_LoA	-9,85734313	0,002	0,310
CHR1	1313521	CHR1:1313521	SSF x Near_LoA	-7,32952691	-0,112	0,305
CHR1	13138646	CHR1:13138646	SSF x Near_LoA	-9,36561353	0,042	0,312
CHR1	13138777	CHR1:13138777	SSF x Near_LoA	-1,69018678	0,200	0,293
CHR1	13139798	CHR1:13139798	SSF x Near_LoA	-8,00968074	0,108	0,308
CHR1	13139835	CHR1:13139835	SSF x Near_LoA	-7,11532015	0,156	0,296
CHR1	13141654	CHR1:13141654	SSF x Near_LoA	-6,49411596	0,021	0,315
CHR1	1317283	CHR1:1317283	SSF x Near_LoA	-10,579005	-0,022	0,306
CHR1	1317774	CHR1:1317774	SSF x Near_LoA	-9,70359998	-0,019	0,303
CHR1	13192855	CHR1:13192855	SSF x Near_LoA	-9,0919978	0,011	0,305
CHR1	13192927	CHR1:13192927	SSF x Near_LoA	-9,57916584	-0,010	0,304
CHR1	13199269	CHR1:13199269	SSF x Near_LoA	-1,88884891	0,035	0,293
CHR1	13199340	CHR1:13199340	SSF x Near_LoA	-9,23280243	0,050	0,302
CHR1	13229082	CHR1:13229082	SSF x Near_LoA	-8,47250665	-0,036	0,311
CHR1	13229320	CHR1:13229320	SSF x Near_LoA	-9,39265094	-0,011	0,329
CHR1	13229324	CHR1:13229324	SSF x Near_LoA	-8,59425483	0,071	0,319
CHR1	13235059	CHR1:13235059	SSF x Near_LoA	-9,64257734	0,023	0,311
CHR1	13235143	CHR1:13235143	SSF x Near_LoA	-7,48266524	-0,104	0,312
CHR1	13253	CHR1:13253	SSF x Near_LoA	-8,48524218	-0,062	0,301
CHR1	13257930	CHR1:13257930	SSF x Near_LoA	-11,5833092	-0,076	0,316
CHR1	13257938	CHR1:13257938	SSF x Near_LoA	-11,0088078	-0,075	0,307
CHR1	13262690	CHR1:13262690	SSF x Near_LoA	-8,16449532	-0,138	0,288
CHR1	13262695	CHR1:13262695	SSF x Near_LoA	-10,2030516	-0,054	0,302
CHR1	13262702	CHR1:13262702	SSF x Near_LoA	-9,40042004	0,041	0,310
CHR1	13262772	CHR1:13262772	SSF x Near_LoA	-9,17087141	0,116	0,293
CHR1	13262795	CHR1:13262795	SSF x Near_LoA	-9,25156734	-0,071	0,296
CHR1	13262799	CHR1:13262799	SSF x Near_LoA	-7,13439741	0,197	0,300
CHR1	13262824	CHR1:13262824	SSF x Near_LoA	-5,01552573	-0,175	0,295
CHR1	13262856	CHR1:13262856	SSF x Near_LoA	-4,43883271	0,246	0,283
CHR1	13262878	CHR1:13262878	SSF x Near_LoA	-9,37258047	-0,106	0,277
CHR1	13262886	CHR1:13262886	SSF x Near_LoA	-9,20039934	-0,040	0,315
CHR1	13276541	CHR1:13276541	SSF x Near_LoA	-7,44906472	-0,132	0,311
CHR1	13276556	CHR1:13276556	SSF x Near_LoA	-8,60055303	-0,145	0,288

CHR1	13276598	CHR1:13276598	SSF x Near_LoA	-7,66752744	-0,051	0,300
CHR1	13276813	CHR1:13276813	SSF x Near_LoA	-4,70610648	0,044	0,312
CHR1	13291719	CHR1:13291719	SSF x Near_LoA	-10,6600465	-0,008	0,303
CHR1	13291825	CHR1:13291825	SSF x Near_LoA	-9,64000674	-0,019	0,305
CHR1	13291857	CHR1:13291857	SSF x Near_LoA	-4,69458718	0,007	0,304
CHR1	1329942	CHR1:1329942	SSF x Near_LoA	-6,28297913	0,122	0,291
CHR1	1329970	CHR1:1329970	SSF x Near_LoA	-8,81837131	0,103	0,288
CHR1	1330026	CHR1:1330026	SSF x Near_LoA	-8,98602448	-0,129	0,291
CHR1	1330179	CHR1:1330179	SSF x Near_LoA	-7,10109166	0,052	0,312
CHR1	1332140	CHR1:1332140	SSF x Near_LoA	-9,39130729	0,028	0,317
CHR1	13324486	CHR1:13324486	SSF x Near_LoA	-10,5224335	0,033	0,321
CHR1	13343843	CHR1:13343843	SSF x Near_LoA	-8,10231708	-0,044	0,317
CHR1	13343915	CHR1:13343915	SSF x Near_LoA	-6,37134258	0,015	0,313
CHR1	13343986	CHR1:13343986	SSF x Near_LoA	-5,07940746	-0,110	0,313
CHR1	13348108	CHR1:13348108	SSF x Near_LoA	-11,1273095	0,045	0,300
CHR1	13348151	CHR1:13348151	SSF x Near_LoA	-10,053655	-0,101	0,313
CHR1	13348216	CHR1:13348216	SSF x Near_LoA	-7,51201076	0,150	0,303
CHR1	13353255	CHR1:13353255	SSF x Near_LoA	-7,98260495	-0,164	0,308
CHR1	13353501	CHR1:13353501	SSF x Near_LoA	-9,9557445	-0,048	0,294
CHR1	13353502	CHR1:13353502	SSF x Near_LoA	-8,68554837	-0,031	0,321
CHR1	13360	CHR1:13360	SSF x Near_LoA	-8,69461686	-0,038	0,319
CHR1	13373333	CHR1:13373333	SSF x Near_LoA	-10,6794652	-0,017	0,310
CHR1	13373353	CHR1:13373353	SSF x Near_LoA	-7,73391318	0,097	0,294
CHR1	13373367	CHR1:13373367	SSF x Near_LoA	-7,43669977	-0,087	0,307
CHR1	13373416	CHR1:13373416	SSF x Near_LoA	-10,1085048	0,082	0,306
CHR1	13377821	CHR1:13377821	SSF x Near_LoA	-8,22618242	0,187	0,297
CHR1	13377973	CHR1:13377973	SSF x Near_LoA	-11,3601209	0,049	0,312
CHR1	13379896	CHR1:13379896	SSF x Near_LoA	-9,84028805	-0,109	0,303
CHR1	13379903	CHR1:13379903	SSF x Near_LoA	-3,43125232	-0,044	0,322
CHR1	13379909	CHR1:13379909	SSF x Near_LoA	-9,59940719	0,065	0,315
CHR1	13379923	CHR1:13379923	SSF x Near_LoA	-10,4511701	0,070	0,308
CHR1	13380021	CHR1:13380021	SSF x Near_LoA	-7,77798055	0,059	0,315
CHR1	13380027	CHR1:13380027	SSF x Near_LoA	-10,4689408	0,040	0,299
CHR1	13380030	CHR1:13380030	SSF x Near_LoA	-7,11446686	-0,145	0,313
CHR1	13380039	CHR1:13380039	SSF x Near_LoA	-8,41494852	0,032	0,305
CHR1	13380055	CHR1:13380055	SSF x Near_LoA	-5,93281646	0,104	0,311
CHR1	13380106	CHR1:13380106	SSF x Near_LoA	-7,70912381	-0,082	0,302
CHR1	13380137	CHR1:13380137	SSF x Near_LoA	-8,73153166	0,037	0,318
CHR1	13383908	CHR1:13383908	SSF x Near_LoA	-9,88122987	-0,017	0,305
CHR1	13384164	CHR1:13384164	SSF x Near_LoA	-7,09345676	0,092	0,301
CHR1	13384222	CHR1:13384222	SSF x Near_LoA	-5,61498149	-0,047	0,304
CHR1	13384291	CHR1:13384291	SSF x Near_LoA	-7,53858476	-0,069	0,308
CHR1	13391154	CHR1:13391154	SSF x Near_LoA	-10,0520267	-0,103	0,305
CHR1	13391173	CHR1:13391173	SSF x Near_LoA	-8,39080007	-0,025	0,306
CHR1	13391241	CHR1:13391241	SSF x Near_LoA	-9,00696405	0,086	0,295
CHR1	13391249	CHR1:13391249	SSF x Near_LoA	-3,50568493	-0,026	0,298
CHR1	13391273	CHR1:13391273	SSF x Near_LoA	-6,00872983	0,107	0,293
CHR1	13394668	CHR1:13394668	SSF x Near_LoA	-10,3306708	-0,049	0,307
CHR1	13394687	CHR1:13394687	SSF x Near_LoA	-7,23865693	0,154	0,311
CHR1	13400472	CHR1:13400472	SSF x Near_LoA	-9,57591254	-0,101	0,300
CHR1	13400521	CHR1:13400521	SSF x Near_LoA	-9,64063279	-0,013	0,297
CHR1	13400554	CHR1:13400554	SSF x Near_LoA	-10,3267375	0,074	0,312
CHR1	13400565	CHR1:13400565	SSF x Near_LoA	-10,8972571	0,026	0,304

CHR1	13401828	CHR1:13401828	SSF x Near_LoA	-9,5926768	-0,043	0,310
CHR1	13406612	CHR1:13406612	SSF x Near_LoA	-10,6314142	0,011	0,317
CHR1	13424137	CHR1:13424137	SSF x Near_LoA	-8,43846725	-0,114	0,317
CHR1	13424153	CHR1:13424153	SSF x Near_LoA	-9,19026839	-0,066	0,313
CHR1	13424180	CHR1:13424180	SSF x Near_LoA	-9,520815	0,098	0,303
CHR1	13424233	CHR1:13424233	SSF x Near_LoA	-6,295403	0,015	0,320
CHR1	13424285	CHR1:13424285	SSF x Near_LoA	-7,73658236	0,089	0,299
CHR1	13424293	CHR1:13424293	SSF x Near_LoA	-8,11187239	-0,038	0,313
CHR1	13424317	CHR1:13424317	SSF x Near_LoA	-11,0087054	0,045	0,301
CHR1	13424344	CHR1:13424344	SSF x Near_LoA	-5,78482993	-0,048	0,305
CHR1	13433790	CHR1:13433790	SSF x Near_LoA	-9,20373383	-0,071	0,312
CHR1	13433793	CHR1:13433793	SSF x Near_LoA	-9,94960667	-0,054	0,307
CHR1	13433801	CHR1:13433801	SSF x Near_LoA	-9,20283477	-0,061	0,315
CHR1	13433833	CHR1:13433833	SSF x Near_LoA	-9,25298017	0,077	0,293
CHR1	134419	CHR1:134419	SSF x Near_LoA	-10,321153	-0,066	0,294
CHR1	13444909	CHR1:13444909	SSF x Near_LoA	-9,94000772	-0,041	0,312
CHR1	13444934	CHR1:13444934	SSF x Near_LoA	-11,3543714	0,083	0,312
CHR1	13445016	CHR1:13445016	SSF x Near_LoA	-8,9962141	-0,046	0,312
CHR1	13445048	CHR1:13445048	SSF x Near_LoA	-9,84459949	-0,048	0,312
CHR1	13445054	CHR1:13445054	SSF x Near_LoA	-10,7598413	0,048	0,309
CHR1	13445129	CHR1:13445129	SSF x Near_LoA	-9,79521924	-0,071	0,317
CHR1	13449591	CHR1:13449591	SSF x Near_LoA	-7,7551941	0,106	0,298
CHR1	13462878	CHR1:13462878	SSF x Near_LoA	-9,27061199	0,029	0,288
CHR1	13462917	CHR1:13462917	SSF x Near_LoA	-9,6309072	-0,012	0,299
CHR1	13475218	CHR1:13475218	SSF x Near_LoA	-8,6049615	0,053	0,314
CHR1	13475221	CHR1:13475221	SSF x Near_LoA	-6,99256581	0,068	0,324
CHR1	13475249	CHR1:13475249	SSF x Near_LoA	-8,14754451	0,082	0,310
CHR1	13475277	CHR1:13475277	SSF x Near_LoA	-5,17683135	0,103	0,303
CHR1	13475283	CHR1:13475283	SSF x Near_LoA	-8,60076278	0,116	0,300
CHR1	13475284	CHR1:13475284	SSF x Near_LoA	-7,7595356	0,095	0,309
CHR1	13475386	CHR1:13475386	SSF x Near_LoA	-9,37492276	0,017	0,307
CHR1	13477883	CHR1:13477883	SSF x Near_LoA	-9,33674276	0,135	0,296
CHR1	13477894	CHR1:13477894	SSF x Near_LoA	-10,3577622	-0,083	0,315
CHR1	13478010	CHR1:13478010	SSF x Near_LoA	-11,2964278	0,102	0,289
CHR1	13478029	CHR1:13478029	SSF x Near_LoA	-9,74274043	-0,058	0,314
CHR1	1348123	CHR1:1348123	SSF x Near_LoA	-10,1145434	0,001	0,322
CHR1	1348301	CHR1:1348301	SSF x Near_LoA	-7,54749205	0,149	0,296
CHR1	13498038	CHR1:13498038	SSF x Near_LoA	-7,47848763	0,056	0,308
CHR1	13498049	CHR1:13498049	SSF x Near_LoA	-10,92317	0,051	0,311
CHR1	13498382	CHR1:13498382	SSF x Near_LoA	-10,7965215	-0,144	0,290
CHR1	13498418	CHR1:13498418	SSF x Near_LoA	6,61145744	-0,167	0,299
CHR1	13504565	CHR1:13504565	SSF x Near_LoA	-10,304494	-0,012	0,302
CHR1	13504644	CHR1:13504644	SSF x Near_LoA	-9,34559457	0,044	0,310
CHR1	13504653	CHR1:13504653	SSF x Near_LoA	-8,29710868	0,027	0,307
CHR1	13504657	CHR1:13504657	SSF x Near_LoA	-8,09254685	-0,056	0,313
CHR1	13516604	CHR1:13516604	SSF x Near_LoA	-9,42250841	0,108	0,297
CHR1	13516680	CHR1:13516680	SSF x Near_LoA	-4,61039208	-0,182	0,305
CHR1	13516684	CHR1:13516684	SSF x Near_LoA	-5,95064843	-0,179	0,306
CHR1	13516698	CHR1:13516698	SSF x Near_LoA	-9,91389607	0,025	0,303
CHR1	13516815	CHR1:13516815	SSF x Near_LoA	-10,6833897	-0,067	0,301
CHR1	13516825	CHR1:13516825	SSF x Near_LoA	-7,88964074	0,061	0,297
CHR1	13519274	CHR1:13519274	SSF x Near_LoA	-10,3852151	-0,084	0,301
CHR1	13519355	CHR1:13519355	SSF x Near_LoA	-11,0970367	-0,003	0,304

CHR1	13519413	CHR1:13519413	SSF x Near_LoA	-8,22480163	-0,127	0,307
CHR1	13530735	CHR1:13530735	SSF x Near_LoA	-9,84572751	0,144	0,300
CHR1	13530765	CHR1:13530765	SSF x Near_LoA	-8,76054089	-0,108	0,310
CHR1	13530794	CHR1:13530794	SSF x Near_LoA	-9,69022932	0,021	0,302
CHR1	13531225	CHR1:13531225	SSF x Near_LoA	-8,4302154	0,132	0,309
CHR1	1353172	CHR1:1353172	SSF x Near_LoA	-10,1990793	-0,047	0,306
CHR1	13537504	CHR1:13537504	SSF x Near_LoA	-10,6829388	0,081	0,313
CHR1	13537511	CHR1:13537511	SSF x Near_LoA	-10,8952636	0,101	0,305
CHR1	13537547	CHR1:13537547	SSF x Near_LoA	-8,62882934	-0,069	0,298
CHR1	13537559	CHR1:13537559	SSF x Near_LoA	-11,6346432	-0,024	0,310
CHR1	13537659	CHR1:13537659	SSF x Near_LoA	-7,55550817	0,062	0,301
CHR1	13537743	CHR1:13537743	SSF x Near_LoA	-7,10383046	-0,132	0,316
CHR1	13541432	CHR1:13541432	SSF x Near_LoA	-10,4215978	0,002	0,302
CHR1	13541480	CHR1:13541480	SSF x Near_LoA	-11,5183484	0,026	0,301
CHR1	13541481	CHR1:13541481	SSF x Near_LoA	-5,67452139	0,100	0,320
CHR1	13543728	CHR1:13543728	SSF x Near_LoA	-11,7948996	0,012	0,303
CHR1	13543732	CHR1:13543732	SSF x Near_LoA	-8,76527001	-0,084	0,310
CHR1	13543771	CHR1:13543771	SSF x Near_LoA	-9,43736078	-0,137	0,289
CHR1	13543779	CHR1:13543779	SSF x Near_LoA	-8,6534679	-0,120	0,303
CHR1	13543814	CHR1:13543814	SSF x Near_LoA	-8,49462789	-0,088	0,303
CHR1	1354572	CHR1:1354572	SSF x Near_LoA	-7,87514441	0,073	0,317
CHR1	13590773	CHR1:13590773	SSF x Near_LoA	-9,6690439	0,011	0,323
CHR1	13590794	CHR1:13590794	SSF x Near_LoA	-8,55293018	0,018	0,307
CHR1	13590834	CHR1:13590834	SSF x Near_LoA	-5,1601183	-0,117	0,312
CHR1	13595060	CHR1:13595060	SSF x Near_LoA	-5,27751619	-0,162	0,287
CHR1	13595085	CHR1:13595085	SSF x Near_LoA	-10,2985148	-0,019	0,302
CHR1	13595087	CHR1:13595087	SSF x Near_LoA	-0,31487196	-0,193	0,304
CHR1	13612339	CHR1:13612339	SSF x Near_LoA	-11,7908481	-0,026	0,318
CHR1	13612398	CHR1:13612398	SSF x Near_LoA	-4,37706621	0,093	0,310
CHR1	13612571	CHR1:13612571	SSF x Near_LoA	-11,0605622	-0,002	0,296
CHR1	13612643	CHR1:13612643	SSF x Near_LoA	-4,34328651	0,030	0,310
CHR1	13612645	CHR1:13612645	SSF x Near_LoA	-12,1974007	0,010	0,294
CHR1	13612654	CHR1:13612654	SSF x Near_LoA	-7,53206866	-0,060	0,330
CHR1	13622840	CHR1:13622840	SSF x Near_LoA	-9,57579834	0,022	0,295
CHR1	13622844	CHR1:13622844	SSF x Near_LoA	-7,22598535	-0,119	0,298
CHR1	13627089	CHR1:13627089	SSF x Near_LoA	-9,94893998	0,012	0,308
CHR1	13627332	CHR1:13627332	SSF x Near_LoA	-7,91054556	0,066	0,305
CHR1	13627333	CHR1:13627333	SSF x Near_LoA	-7,94729873	0,056	0,321
CHR1	13629156	CHR1:13629156	SSF x Near_LoA	-10,5227634	-0,001	0,316
CHR1	13629162	CHR1:13629162	SSF x Near_LoA	-8,60098279	-0,132	0,300
CHR1	13641022	CHR1:13641022	SSF x Near_LoA	-5,59482179	-0,109	0,316
CHR1	13641045	CHR1:13641045	SSF x Near_LoA	-8,53401022	0,063	0,313
CHR1	13641053	CHR1:13641053	SSF x Near_LoA	-6,60926307	-0,079	0,318
CHR1	13641081	CHR1:13641081	SSF x Near_LoA	-10,1393028	0,036	0,314
CHR1	13641152	CHR1:13641152	SSF x Near_LoA	-9,64685177	0,099	0,306
CHR1	13641153	CHR1:13641153	SSF x Near_LoA	-6,75276583	-0,059	0,309
CHR1	13641159	CHR1:13641159	SSF x Near_LoA	-8,86379331	0,068	0,310
CHR1	13641179	CHR1:13641179	SSF x Near_LoA	-5,99414065	0,048	0,299
CHR1	13644802	CHR1:13644802	SSF x Near_LoA	-9,2698677	-0,028	0,308
CHR1	13644809	CHR1:13644809	SSF x Near_LoA	-9,7912392	-0,064	0,314
CHR1	13644825	CHR1:13644825	SSF x Near_LoA	-8,76732468	-0,022	0,308
CHR1	13644834	CHR1:13644834	SSF x Near_LoA	-9,78646534	-0,072	0,300
CHR1	13644848	CHR1:13644848	SSF x Near_LoA	-8,57971987	0,036	0,310

CHR1	13644853	CHR1:13644853	SSF x Near_LoA	-9,01431218	0,022	0,314
CHR1	13644905	CHR1:13644905	SSF x Near_LoA	-5,77894778	-0,017	0,320
CHR1	13644993	CHR1:13644993	SSF x Near_LoA	-9,0852805	0,065	0,300
CHR1	13646553	CHR1:13646553	SSF x Near_LoA	-11,2187626	0,001	0,307
CHR1	13646576	CHR1:13646576	SSF x Near_LoA	-8,61316831	-0,076	0,302
CHR1	13646616	CHR1:13646616	SSF x Near_LoA	-11,6366196	-0,068	0,299
CHR1	13646619	CHR1:13646619	SSF x Near_LoA	-9,01761043	-0,075	0,291
CHR1	13646646	CHR1:13646646	SSF x Near_LoA	-10,8235301	-0,103	0,297
CHR1	13653904	CHR1:13653904	SSF x Near_LoA	-8,53823564	-0,116	0,315
CHR1	13653963	CHR1:13653963	SSF x Near_LoA	-8,43962045	-0,131	0,305
CHR1	13654055	CHR1:13654055	SSF x Near_LoA	-8,93123424	0,036	0,310
CHR1	13654069	CHR1:13654069	SSF x Near_LoA	-10,2701368	0,053	0,299
CHR1	13657051	CHR1:13657051	SSF x Near_LoA	-10,954482	-0,089	0,302
CHR1	13657127	CHR1:13657127	SSF x Near_LoA	-11,7578693	0,044	0,305
CHR1	13657418	CHR1:13657418	SSF x Near_LoA	-9,10631791	-0,014	0,305
CHR1	13657471	CHR1:13657471	SSF x Near_LoA	-9,75616281	0,050	0,304
CHR1	13682750	CHR1:13682750	SSF x Near_LoA	-1,97104233	0,113	0,299
CHR1	13682809	CHR1:13682809	SSF x Near_LoA	-8,90696987	0,003	0,306
CHR1	13688936	CHR1:13688936	SSF x Near_LoA	-7,03749472	-0,006	0,329
CHR1	13688939	CHR1:13688939	SSF x Near_LoA	-7,81451911	-0,131	0,297
CHR1	13689000	CHR1:13689000	SSF x Near_LoA	-10,0801871	0,036	0,317
CHR1	13689001	CHR1:13689001	SSF x Near_LoA	-7,64346418	0,034	0,305
CHR1	13689011	CHR1:13689011	SSF x Near_LoA	-9,5056471	0,039	0,306
CHR1	13689015	CHR1:13689015	SSF x Near_LoA	-11,7250354	0,056	0,296
CHR1	13689038	CHR1:13689038	SSF x Near_LoA	-4,20755011	0,030	0,328
CHR1	13689626	CHR1:13689626	SSF x Near_LoA	-8,57517012	-0,032	0,296
CHR1	13693287	CHR1:13693287	SSF x Near_LoA	-8,36561459	-0,095	0,309
CHR1	13693330	CHR1:13693330	SSF x Near_LoA	-8,91382268	-0,132	0,307
CHR1	13699978	CHR1:13699978	SSF x Near_LoA	-8,38228836	0,007	0,310
CHR1	13699983	CHR1:13699983	SSF x Near_LoA	-9,69168697	-0,017	0,303
CHR1	13700007	CHR1:13700007	SSF x Near_LoA	-10,6033518	-0,093	0,296
CHR1	13700098	CHR1:13700098	SSF x Near_LoA	-10,6636078	-0,027	0,310
CHR1	13700226	CHR1:13700226	SSF x Near_LoA	-8,79779042	0,066	0,312
CHR1	13700231	CHR1:13700231	SSF x Near_LoA	-12,0034383	-0,018	0,300
CHR1	13700266	CHR1:13700266	SSF x Near_LoA	-8,76996601	0,002	0,307
CHR1	13719090	CHR1:13719090	SSF x Near_LoA	-9,10491683	0,103	0,301
CHR1	13727818	CHR1:13727818	SSF x Near_LoA	-9,17350177	0,117	0,299
CHR1	13732946	CHR1:13732946	SSF x Near_LoA	-10,8174002	-0,012	0,316
CHR1	13732953	CHR1:13732953	SSF x Near_LoA	-9,01043772	-0,159	0,308
CHR1	13732975	CHR1:13732975	SSF x Near_LoA	-8,16677955	-0,129	0,291
CHR1	13732989	CHR1:13732989	SSF x Near_LoA	-8,44174423	-0,128	0,314
CHR1	13733086	CHR1:13733086	SSF x Near_LoA	-9,12039222	-0,104	0,313
CHR1	13733146	CHR1:13733146	SSF x Near_LoA	-8,62517293	-0,069	0,293
CHR1	13735847	CHR1:13735847	SSF x Near_LoA	-8,75722955	0,034	0,310
CHR1	13735976	CHR1:13735976	SSF x Near_LoA	-9,39851277	-0,064	0,313
CHR1	13736160	CHR1:13736160	SSF x Near_LoA	-10,9125113	0,049	0,308
CHR1	13739249	CHR1:13739249	SSF x Near_LoA	3,92987947	0,054	0,305
CHR1	13739457	CHR1:13739457	SSF x Near_LoA	-5,70446686	-0,133	0,300
CHR1	13739494	CHR1:13739494	SSF x Near_LoA	-10,5966719	0,031	0,312
CHR1	13745020	CHR1:13745020	SSF x Near_LoA	-8,573638	0,116	0,312
CHR1	13745227	CHR1:13745227	SSF x Near_LoA	-11,488198	-0,123	0,300
CHR1	13757362	CHR1:13757362	SSF x Near_LoA	-6,38870605	-0,060	0,317
CHR1	13757534	CHR1:13757534	SSF x Near_LoA	-10,1253084	0,015	0,312

CHR1	13757537	CHR1:13757537	SSF x Near_LoA	-9,72362013	0,107	0,306
CHR1	13758596	CHR1:13758596	SSF x Near_LoA	-9,90001677	-0,009	0,317
CHR1	13761048	CHR1:13761048	SSF x Near_LoA	-11,0164913	0,040	0,307
CHR1	13761089	CHR1:13761089	SSF x Near_LoA	-7,85844405	0,073	0,313
CHR1	13761112	CHR1:13761112	SSF x Near_LoA	-9,45287001	-0,065	0,296
CHR1	13761114	CHR1:13761114	SSF x Near_LoA	-11,0324869	-0,049	0,319
CHR1	13761131	CHR1:13761131	SSF x Near_LoA	-10,3332713	0,053	0,301
CHR1	13761152	CHR1:13761152	SSF x Near_LoA	-9,58458809	-0,037	0,313
CHR1	13761174	CHR1:13761174	SSF x Near_LoA	-10,3740974	-0,010	0,317
CHR1	13761181	CHR1:13761181	SSF x Near_LoA	-7,25492083	-0,120	0,295
CHR1	13761197	CHR1:13761197	SSF x Near_LoA	-11,7550721	-0,019	0,304
CHR1	13761221	CHR1:13761221	SSF x Near_LoA	-10,5481647	0,128	0,310
CHR1	13761260	CHR1:13761260	SSF x Near_LoA	-7,98096239	-0,025	0,308
CHR1	13761263	CHR1:13761263	SSF x Near_LoA	-8,32171614	0,074	0,302
CHR1	13761268	CHR1:13761268	SSF x Near_LoA	-10,7473465	0,073	0,307
CHR1	13767373	CHR1:13767373	SSF x Near_LoA	-5,31502505	0,062	0,324
CHR1	13767534	CHR1:13767534	SSF x Near_LoA	-9,51320444	-0,038	0,317
CHR1	13769996	CHR1:13769996	SSF x Near_LoA	-7,35694233	0,149	0,300
CHR1	13770206	CHR1:13770206	SSF x Near_LoA	-11,453188	-0,064	0,308
CHR1	13770255	CHR1:13770255	SSF x Near_LoA	-7,32663556	-0,139	0,299
CHR1	13772475	CHR1:13772475	SSF x Near_LoA	-10,9531192	-0,008	0,308
CHR1	13772536	CHR1:13772536	SSF x Near_LoA	-8,12900679	-0,175	0,302
CHR1	13784749	CHR1:13784749	SSF x Near_LoA	-11,584587	-0,060	0,307
CHR1	13784794	CHR1:13784794	SSF x Near_LoA	-11,1244729	-0,046	0,317
CHR1	13784926	CHR1:13784926	SSF x Near_LoA	-8,72025036	0,111	0,291
CHR1	13785002	CHR1:13785002	SSF x Near_LoA	-5,90095817	0,089	0,319
CHR1	13785035	CHR1:13785035	SSF x Near_LoA	-7,21055621	0,097	0,319
CHR1	13785054	CHR1:13785054	SSF x Near_LoA	-9,7233104	-0,022	0,311
CHR1	13785070	CHR1:13785070	SSF x Near_LoA	-7,7071328	-0,076	0,300
CHR1	13785072	CHR1:13785072	SSF x Near_LoA	-8,01718843	0,073	0,315
CHR1	1378896	CHR1:1378896	SSF x Near_LoA	-7,75728866	-0,147	0,297
CHR1	1378935	CHR1:1378935	SSF x Near_LoA	-8,0955258	-0,098	0,317
CHR1	13789571	CHR1:13789571	SSF x Near_LoA	-3,95998059	-0,099	0,306
CHR1	13789804	CHR1:13789804	SSF x Near_LoA	-6,77143059	-0,016	0,306
CHR1	13789910	CHR1:13789910	SSF x Near_LoA	-6,75995876	0,155	0,297
CHR1	13789952	CHR1:13789952	SSF x Near_LoA	-10,123333	-0,067	0,317
CHR1	13789955	CHR1:13789955	SSF x Near_LoA	-9,37663794	-0,035	0,305
CHR1	13789956	CHR1:13789956	SSF x Near_LoA	-8,92940941	-0,101	0,320
CHR1	13789964	CHR1:13789964	SSF x Near_LoA	-9,44002815	-0,001	0,314
CHR1	13789968	CHR1:13789968	SSF x Near_LoA	-7,50099642	-0,074	0,323
CHR1	13789972	CHR1:13789972	SSF x Near_LoA	-9,09975623	-0,125	0,322
CHR1	13794475	CHR1:13794475	SSF x Near_LoA	-8,78119817	0,139	0,299
CHR1	13794487	CHR1:13794487	SSF x Near_LoA	-8,56420059	-0,059	0,307
CHR1	13794569	CHR1:13794569	SSF x Near_LoA	-8,64882671	-0,051	0,316
CHR1	1379729	CHR1:1379729	SSF x Near_LoA	-8,29653422	-0,121	0,297
CHR1	13800724	CHR1:13800724	SSF x Near_LoA	-10,9634554	0,014	0,311
CHR1	1380680	CHR1:1380680	SSF x Near_LoA	-7,1436255	0,108	0,289
CHR1	1380821	CHR1:1380821	SSF x Near_LoA	-9,32350519	0,006	0,303
CHR1	138145	CHR1:138145	SSF x Near_LoA	-7,27610202	-0,106	0,304
CHR1	138276	CHR1:138276	SSF x Near_LoA	-6,68377899	-0,119	0,301
CHR1	13834749	CHR1:13834749	SSF x Near_LoA	-9,57260338	-0,079	0,317
CHR1	13834765	CHR1:13834765	SSF x Near_LoA	-9,44069161	-0,131	0,310
CHR1	13834778	CHR1:13834778	SSF x Near_LoA	-8,29643066	-0,104	0,314

CHR1	13834801	CHR1:13834801	SSF x Near_LoA	-7,20139943	-0,090	0,314
CHR1	138386	CHR1:138386	SSF x Near_LoA	-6,2490789	-0,106	0,309
CHR1	13839473	CHR1:13839473	SSF x Near_LoA	-10,3377227	-0,036	0,310
CHR1	13839496	CHR1:13839496	SSF x Near_LoA	-7,5760486	-0,002	0,317
CHR1	13839526	CHR1:13839526	SSF x Near_LoA	-10,4795988	0,024	0,315
CHR1	13839543	CHR1:13839543	SSF x Near_LoA	-0,24851118	-0,105	0,309
CHR1	13839547	CHR1:13839547	SSF x Near_LoA	-9,57140818	-0,071	0,315
CHR1	13839589	CHR1:13839589	SSF x Near_LoA	-6,84568988	0,137	0,292
CHR1	13839637	CHR1:13839637	SSF x Near_LoA	-9,59726539	-0,005	0,289
CHR1	13839759	CHR1:13839759	SSF x Near_LoA	-10,5197014	-0,033	0,316
CHR1	138413	CHR1:138413	SSF x Near_LoA	-4,24550619	-0,122	0,305
CHR1	13861227	CHR1:13861227	SSF x Near_LoA	-9,44310865	0,054	0,315
CHR1	13861228	CHR1:13861228	SSF x Near_LoA	-10,002271	0,080	0,299
CHR1	13861231	CHR1:13861231	SSF x Near_LoA	-7,45349838	-0,106	0,322
CHR1	13861257	CHR1:13861257	SSF x Near_LoA	-5,43134441	-0,154	0,306
CHR1	13861338	CHR1:13861338	SSF x Near_LoA	-6,39225201	0,018	0,302
CHR1	13861765	CHR1:13861765	SSF x Near_LoA	-9,0591558	-0,012	0,304
CHR1	13861820	CHR1:13861820	SSF x Near_LoA	-10,7195562	-0,013	0,292
CHR1	13863064	CHR1:13863064	SSF x Near_LoA	-9,86879051	-0,048	0,313
CHR1	13863101	CHR1:13863101	SSF x Near_LoA	-9,33564279	-0,151	0,303
CHR1	13863117	CHR1:13863117	SSF x Near_LoA	-7,99228618	-0,063	0,313
CHR1	13863144	CHR1:13863144	SSF x Near_LoA	-9,53620238	-0,041	0,314
CHR1	13863145	CHR1:13863145	SSF x Near_LoA	-10,3955293	0,054	0,314
CHR1	13867187	CHR1:13867187	SSF x Near_LoA	-11,4865296	-0,022	0,305
CHR1	13867216	CHR1:13867216	SSF x Near_LoA	-8,737981	0,102	0,299
CHR1	13867229	CHR1:13867229	SSF x Near_LoA	-7,73310925	0,066	0,311
CHR1	13867252	CHR1:13867252	SSF x Near_LoA	-2,52295265	-0,141	0,289
CHR1	13867309	CHR1:13867309	SSF x Near_LoA	-9,33326296	0,050	0,316
CHR1	13879946	CHR1:13879946	SSF x Near_LoA	-10,3029025	-0,008	0,306
CHR1	13880042	CHR1:13880042	SSF x Near_LoA	-10,9668446	0,075	0,297
CHR1	13880053	CHR1:13880053	SSF x Near_LoA	-10,6798028	0,102	0,301
CHR1	13880062	CHR1:13880062	SSF x Near_LoA	-8,2421937	0,113	0,284
CHR1	13880125	CHR1:13880125	SSF x Near_LoA	-5,44971158	-0,147	0,304
CHR1	1388412	CHR1:1388412	SSF x Near_LoA	-7,97233741	-0,008	0,307
CHR1	1388573	CHR1:1388573	SSF x Near_LoA	-9,73323811	-0,074	0,300
CHR1	13889527	CHR1:13889527	SSF x Near_LoA	-7,06813491	0,106	0,308
CHR1	13889692	CHR1:13889692	SSF x Near_LoA	-12,0980324	-0,027	0,305
CHR1	13898333	CHR1:13898333	SSF x Near_LoA	-8,2856873	-0,117	0,313
CHR1	13898377	CHR1:13898377	SSF x Near_LoA	-10,7491359	-0,070	0,308
CHR1	13898412	CHR1:13898412	SSF x Near_LoA	-11,0196063	-0,055	0,312
CHR1	13898416	CHR1:13898416	SSF x Near_LoA	-8,86055773	0,093	0,308
CHR1	13903043	CHR1:13903043	SSF x Near_LoA	-9,3240069	0,004	0,306
CHR1	13903059	CHR1:13903059	SSF x Near_LoA	-8,94209538	-0,162	0,306
CHR1	13903219	CHR1:13903219	SSF x Near_LoA	-11,474814	0,055	0,312
CHR1	13903312	CHR1:13903312	SSF x Near_LoA	-10,86642	-0,104	0,304
CHR1	13911067	CHR1:13911067	SSF x Near_LoA	-11,6409055	-0,057	0,325
CHR1	13911252	CHR1:13911252	SSF x Near_LoA	-7,72307326	-0,121	0,312
CHR1	13920528	CHR1:13920528	SSF x Near_LoA	-8,27793068	0,051	0,294
CHR1	13920539	CHR1:13920539	SSF x Near_LoA	-9,70312781	0,054	0,287
CHR1	13920541	CHR1:13920541	SSF x Near_LoA	-8,29716089	0,077	0,299
CHR1	13925250	CHR1:13925250	SSF x Near_LoA	-10,3575529	-0,103	0,287
CHR1	13927708	CHR1:13927708	SSF x Near_LoA	-11,1529159	-0,018	0,312
CHR1	1392989	CHR1:1392989	SSF x Near_LoA	-11,0948163	0,028	0,296

CHR1	13935859	CHR1:13935859	SSF x Near_LoA	-7,81150787	0,098	0,312
CHR1	13935860	CHR1:13935860	SSF x Near_LoA	-4,51616671	-0,055	0,314
CHR1	13935862	CHR1:13935862	SSF x Near_LoA	-8,36533546	-0,035	0,311
CHR1	13935875	CHR1:13935875	SSF x Near_LoA	-10,6033472	-0,075	0,303
CHR1	13935892	CHR1:13935892	SSF x Near_LoA	-8,97228999	-0,091	0,310
CHR1	13935929	CHR1:13935929	SSF x Near_LoA	-6,91020582	0,124	0,315
CHR1	13943575	CHR1:13943575	SSF x Near_LoA	-1,96516382	0,285	0,269
CHR1	13943644	CHR1:13943644	SSF x Near_LoA	-7,6874583	-0,055	0,312
CHR1	13943695	CHR1:13943695	SSF x Near_LoA	-9,43538764	-0,071	0,313
CHR1	13947574	CHR1:13947574	SSF x Near_LoA	-9,55555468	0,015	0,299
CHR1	13951302	CHR1:13951302	SSF x Near_LoA	-8,78036346	-0,052	0,306
CHR1	13960779	CHR1:13960779	SSF x Near_LoA	-7,40451765	-0,081	0,311
CHR1	13976328	CHR1:13976328	SSF x Near_LoA	-11,6508246	-0,001	0,306
CHR1	1397917	CHR1:1397917	SSF x Near_LoA	-11,2141298	0,017	0,312
CHR1	139810	CHR1:139810	SSF x Near_LoA	-9,76915727	0,075	0,286
CHR1	139827	CHR1:139827	SSF x Near_LoA	-8,98640544	0,070	0,296
CHR1	139830	CHR1:139830	SSF x Near_LoA	-9,66861413	0,057	0,307
CHR1	139836	CHR1:139836	SSF x Near_LoA	-9,48143388	0,089	0,294
CHR1	13984130	CHR1:13984130	SSF x Near_LoA	-10,1211358	-0,034	0,316
CHR1	139904	CHR1:139904	SSF x Near_LoA	-8,18871636	0,016	0,303
CHR1	14006174	CHR1:14006174	SSF x Near_LoA	-6,49461327	0,185	0,299
CHR1	1400636	CHR1:1400636	SSF x Near_LoA	-8,21971033	-0,091	0,306
CHR1	14017330	CHR1:14017330	SSF x Near_LoA	-10,1437398	-0,077	0,296
CHR1	14017338	CHR1:14017338	SSF x Near_LoA	-6,77734446	-0,135	0,305
CHR1	14025730	CHR1:14025730	SSF x Near_LoA	-9,95191655	0,022	0,304
CHR1	14025929	CHR1:14025929	SSF x Near_LoA	-9,03470491	-0,045	0,329
CHR1	14026041	CHR1:14026041	SSF x Near_LoA	-9,72142566	0,011	0,313
CHR1	1402655	CHR1:1402655	SSF x Near_LoA	-9,13157813	-0,011	0,313
CHR1	1402776	CHR1:1402776	SSF x Near_LoA	-7,16020564	0,102	0,308
CHR1	14029350	CHR1:14029350	SSF x Near_LoA	-8,81463553	-0,022	0,319
CHR1	14032837	CHR1:14032837	SSF x Near_LoA	-8,86121194	-0,057	0,312
CHR1	14036264	CHR1:14036264	SSF x Near_LoA	-10,6233952	0,002	0,317
CHR1	14036327	CHR1:14036327	SSF x Near_LoA	-11,4086244	0,058	0,298
CHR1	14036355	CHR1:14036355	SSF x Near_LoA	-8,956568	0,153	0,293
CHR1	1404050	CHR1:1404050	SSF x Near_LoA	-9,10833746	-0,012	0,305
CHR1	1404136	CHR1:1404136	SSF x Near_LoA	-8,95750154	-0,059	0,312
CHR1	14050862	CHR1:14050862	SSF x Near_LoA	-9,1684984	0,020	0,310
CHR1	14057116	CHR1:14057116	SSF x Near_LoA	-5,37632707	-0,090	0,316
CHR1	14057180	CHR1:14057180	SSF x Near_LoA	-7,02459664	-0,142	0,299
CHR1	14057259	CHR1:14057259	SSF x Near_LoA	-9,04659832	-0,032	0,295
CHR1	14064418	CHR1:14064418	SSF x Near_LoA	-6,70737754	0,008	0,323
CHR1	14064420	CHR1:14064420	SSF x Near_LoA	-8,80604706	-0,006	0,318
CHR1	14064440	CHR1:14064440	SSF x Near_LoA	-7,90936655	-0,007	0,316
CHR1	14064444	CHR1:14064444	SSF x Near_LoA	-9,30894206	-0,019	0,310
CHR1	14064452	CHR1:14064452	SSF x Near_LoA	-9,00429821	-0,011	0,319
CHR1	14064457	CHR1:14064457	SSF x Near_LoA	-8,51464454	-0,009	0,325
CHR1	14064465	CHR1:14064465	SSF x Near_LoA	-8,15923494	0,018	0,329
CHR1	14064478	CHR1:14064478	SSF x Near_LoA	-8,79178432	-0,009	0,325
CHR1	14064482	CHR1:14064482	SSF x Near_LoA	-8,63215342	-0,022	0,323
CHR1	14064491	CHR1:14064491	SSF x Near_LoA	-7,18371573	-0,007	0,331
CHR1	14064494	CHR1:14064494	SSF x Near_LoA	-6,22566474	0,016	0,328
CHR1	14064509	CHR1:14064509	SSF x Near_LoA	-8,07446742	-0,026	0,312
CHR1	14064510	CHR1:14064510	SSF x Near_LoA	-7,98969955	0,008	0,316

CHR1	14064512	CHR1:14064512	SSF x Near_LoA	-7,64846807	-0,011	0,325
CHR1	14070256	CHR1:14070256	SSF x Near_LoA	-7,96230789	0,110	0,308
CHR1	14072498	CHR1:14072498	SSF x Near_LoA	-9,76252191	-0,050	0,299
CHR1	14077777	CHR1:14077777	SSF x Near_LoA	-9,66397346	-0,070	0,313
CHR1	1410918	CHR1:1410918	SSF x Near_LoA	-10,0429024	-0,066	0,314
CHR1	1410934	CHR1:1410934	SSF x Near_LoA	-10,593432	0,015	0,294
CHR1	1411012	CHR1:1411012	SSF x Near_LoA	-11,0121031	-0,027	0,299
CHR1	1411075	CHR1:1411075	SSF x Near_LoA	-9,68235706	-0,013	0,307
CHR1	1411111	CHR1:1411111	SSF x Near_LoA	-9,62260637	0,035	0,292
CHR1	1411115	CHR1:1411115	SSF x Near_LoA	-8,19595245	0,012	0,321
CHR1	14111731	CHR1:14111731	SSF x Near_LoA	-9,74083553	0,046	0,308
CHR1	14114818	CHR1:14114818	SSF x Near_LoA	-8,47000458	0,017	0,308
CHR1	14114894	CHR1:14114894	SSF x Near_LoA	-6,78535768	0,077	0,302
CHR1	14114933	CHR1:14114933	SSF x Near_LoA	-8,96576915	0,041	0,315
CHR1	14114941	CHR1:14114941	SSF x Near_LoA	-9,82844934	-0,094	0,313
CHR1	14114975	CHR1:14114975	SSF x Near_LoA	-10,377307	0,048	0,316
CHR1	14127578	CHR1:14127578	SSF x Near_LoA	-5,27410869	0,209	0,298
CHR1	14127584	CHR1:14127584	SSF x Near_LoA	-9,0568907	-0,083	0,311
CHR1	14127986	CHR1:14127986	SSF x Near_LoA	-10,0183416	0,008	0,296
CHR1	14128085	CHR1:14128085	SSF x Near_LoA	-7,90201218	0,069	0,313
CHR1	14137401	CHR1:14137401	SSF x Near_LoA	-10,3418881	-0,014	0,300
CHR1	14137515	CHR1:14137515	SSF x Near_LoA	-8,3297846	-0,046	0,311
CHR1	14137553	CHR1:14137553	SSF x Near_LoA	-10,7420961	-0,055	0,310
CHR1	14137568	CHR1:14137568	SSF x Near_LoA	-9,20186143	0,023	0,289
CHR1	14137689	CHR1:14137689	SSF x Near_LoA	-11,189605	-0,055	0,317
CHR1	1414883	CHR1:1414883	SSF x Near_LoA	-10,2779206	-0,045	0,294
CHR1	1414885	CHR1:1414885	SSF x Near_LoA	-9,58887959	-0,059	0,311
CHR1	1415216	CHR1:1415216	SSF x Near_LoA	-10,1296648	0,081	0,294
CHR1	14159437	CHR1:14159437	SSF x Near_LoA	-4,84811942	-0,221	0,283
CHR1	14159471	CHR1:14159471	SSF x Near_LoA	-8,23332624	-0,023	0,302
CHR1	14159505	CHR1:14159505	SSF x Near_LoA	-7,90318076	-0,072	0,318
CHR1	14163173	CHR1:14163173	SSF x Near_LoA	-10,5366257	-0,106	0,295
CHR1	14163179	CHR1:14163179	SSF x Near_LoA	-11,5505383	-0,030	0,291
CHR1	14163185	CHR1:14163185	SSF x Near_LoA	-10,1397047	-0,087	0,298
CHR1	14163213	CHR1:14163213	SSF x Near_LoA	-10,891035	-0,007	0,313
CHR1	14163228	CHR1:14163228	SSF x Near_LoA	-8,07036744	0,066	0,310
CHR1	14163233	CHR1:14163233	SSF x Near_LoA	-9,59682708	-0,103	0,306
CHR1	14163266	CHR1:14163266	SSF x Near_LoA	-8,84101431	-0,038	0,290
CHR1	14163281	CHR1:14163281	SSF x Near_LoA	-8,46167117	-0,018	0,304
CHR1	14163318	CHR1:14163318	SSF x Near_LoA	-8,44643683	0,134	0,301
CHR1	14163334	CHR1:14163334	SSF x Near_LoA	-11,0401514	0,098	0,312
CHR1	14163353	CHR1:14163353	SSF x Near_LoA	-9,72976548	-0,089	0,294
CHR1	14163362	CHR1:14163362	SSF x Near_LoA	-10,0360492	-0,069	0,311
CHR1	14163366	CHR1:14163366	SSF x Near_LoA	-8,83552013	-0,039	0,303
CHR1	14163367	CHR1:14163367	SSF x Near_LoA	-8,06594052	-0,083	0,290
CHR1	14163372	CHR1:14163372	SSF x Near_LoA	-9,92312887	-0,092	0,304
CHR1	14163373	CHR1:14163373	SSF x Near_LoA	-6,99860269	0,217	0,300
CHR1	14163385	CHR1:14163385	SSF x Near_LoA	-11,5163192	0,092	0,311
CHR1	14163391	CHR1:14163391	SSF x Near_LoA	-6,47036094	-0,088	0,300
CHR1	14171787	CHR1:14171787	SSF x Near_LoA	-9,15402178	-0,020	0,302
CHR1	14171804	CHR1:14171804	SSF x Near_LoA	-7,13695553	-0,019	0,308
CHR1	14171932	CHR1:14171932	SSF x Near_LoA	-10,7710921	0,012	0,309
CHR1	14174725	CHR1:14174725	SSF x Near_LoA	-8,35805696	0,096	0,308

CHR1	14174734	CHR1:14174734	SSF x Near_LoA	-8,88787296	-0,007	0,318
CHR1	14174848	CHR1:14174848	SSF x Near_LoA	-12,2147416	-0,007	0,311
CHR1	14174852	CHR1:14174852	SSF x Near_LoA	-11,1580926	-0,116	0,298
CHR1	14174883	CHR1:14174883	SSF x Near_LoA	-9,61100612	0,000	0,307
CHR1	14174892	CHR1:14174892	SSF x Near_LoA	-8,25739443	0,046	0,299
CHR1	14174960	CHR1:14174960	SSF x Near_LoA	-8,6880236	0,099	0,308
CHR1	14179704	CHR1:14179704	SSF x Near_LoA	-7,90212389	0,025	0,316
CHR1	14179712	CHR1:14179712	SSF x Near_LoA	-9,36595638	-0,025	0,310
CHR1	14179757	CHR1:14179757	SSF x Near_LoA	-11,0833701	-0,051	0,311
CHR1	14179791	CHR1:14179791	SSF x Near_LoA	-10,0784181	0,116	0,290
CHR1	14179792	CHR1:14179792	SSF x Near_LoA	-11,3745232	0,007	0,314
CHR1	14181996	CHR1:14181996	SSF x Near_LoA	-6,155638	-0,136	0,294
CHR1	14182018	CHR1:14182018	SSF x Near_LoA	-2,82584662	-0,003	0,310
CHR1	14209764	CHR1:14209764	SSF x Near_LoA	-11,4642687	-0,025	0,310
CHR1	14209766	CHR1:14209766	SSF x Near_LoA	-8,84012613	0,046	0,305
CHR1	14209772	CHR1:14209772	SSF x Near_LoA	-9,20977775	-0,001	0,289
CHR1	14209805	CHR1:14209805	SSF x Near_LoA	-11,0514609	-0,029	0,318
CHR1	14209814	CHR1:14209814	SSF x Near_LoA	-9,3476809	0,078	0,307
CHR1	14209821	CHR1:14209821	SSF x Near_LoA	-11,3032354	0,080	0,293
CHR1	14209970	CHR1:14209970	SSF x Near_LoA	-11,4212077	0,068	0,305
CHR1	14214864	CHR1:14214864	SSF x Near_LoA	-6,98153677	-0,007	0,317
CHR1	14214869	CHR1:14214869	SSF x Near_LoA	-8,64802105	0,017	0,319
CHR1	14214919	CHR1:14214919	SSF x Near_LoA	-8,11274928	0,019	0,318
CHR1	1422541	CHR1:1422541	SSF x Near_LoA	-3,8456414	-0,033	0,299
CHR1	14235389	CHR1:14235389	SSF x Near_LoA	-7,11928912	-0,070	0,313
CHR1	14235390	CHR1:14235390	SSF x Near_LoA	-5,6844181	-0,174	0,289
CHR1	14235462	CHR1:14235462	SSF x Near_LoA	-7,4919167	0,032	0,299
CHR1	14235465	CHR1:14235465	SSF x Near_LoA	-8,95382892	0,045	0,295
CHR1	14235494	CHR1:14235494	SSF x Near_LoA	-10,1843549	-0,045	0,314
CHR1	14235498	CHR1:14235498	SSF x Near_LoA	-11,3547991	-0,010	0,312
CHR1	14235510	CHR1:14235510	SSF x Near_LoA	-7,23143658	-0,022	0,324
CHR1	1424627	CHR1:1424627	SSF x Near_LoA	-5,03525563	0,236	0,294
CHR1	1424646	CHR1:1424646	SSF x Near_LoA	-11,2417353	-0,087	0,310
CHR1	14252374	CHR1:14252374	SSF x Near_LoA	-9,59543323	0,039	0,309
CHR1	14260394	CHR1:14260394	SSF x Near_LoA	-9,3754246	-0,138	0,298
CHR1	1428474	CHR1:1428474	SSF x Near_LoA	-6,95083054	-0,086	0,295
CHR1	14285339	CHR1:14285339	SSF x Near_LoA	-8,16756857	0,115	0,309
CHR1	14285393	CHR1:14285393	SSF x Near_LoA	-7,27405425	-0,168	0,299
CHR1	14285402	CHR1:14285402	SSF x Near_LoA	-8,22448252	0,007	0,301
CHR1	1428612	CHR1:1428612	SSF x Near_LoA	-11,3406139	0,044	0,305
CHR1	14296747	CHR1:14296747	SSF x Near_LoA	-6,12017886	-0,071	0,310
CHR1	14296759	CHR1:14296759	SSF x Near_LoA	-8,36987925	-0,092	0,303
CHR1	14296859	CHR1:14296859	SSF x Near_LoA	-8,54618954	0,040	0,297
CHR1	14296981	CHR1:14296981	SSF x Near_LoA	-11,298045	-0,038	0,304
CHR1	14299978	CHR1:14299978	SSF x Near_LoA	-2,7163897	-0,132	0,298
CHR1	14300028	CHR1:14300028	SSF x Near_LoA	-9,73778197	0,045	0,296
CHR1	14300054	CHR1:14300054	SSF x Near_LoA	-6,77408011	-0,019	0,322
CHR1	14300068	CHR1:14300068	SSF x Near_LoA	-5,60427023	0,135	0,292
CHR1	14300073	CHR1:14300073	SSF x Near_LoA	-7,06921063	0,112	0,310
CHR1	14300085	CHR1:14300085	SSF x Near_LoA	-9,96294237	-0,066	0,307
CHR1	14307627	CHR1:14307627	SSF x Near_LoA	-11,0153001	-0,033	0,306
CHR1	14307696	CHR1:14307696	SSF x Near_LoA	-8,96332027	0,028	0,311
CHR1	14307792	CHR1:14307792	SSF x Near_LoA	-10,5548311	-0,055	0,316

CHR1	14316154	CHR1:14316154	SSF x Near_LoA	-9,9018933	-0,002	0,322
CHR1	14316169	CHR1:14316169	SSF x Near_LoA	-9,93239762	0,012	0,309
CHR1	14316235	CHR1:14316235	SSF x Near_LoA	-6,56856777	-0,049	0,315
CHR1	14316264	CHR1:14316264	SSF x Near_LoA	-7,57750342	-0,074	0,296
CHR1	14320768	CHR1:14320768	SSF x Near_LoA	-11,0976683	0,028	0,305
CHR1	14320874	CHR1:14320874	SSF x Near_LoA	-10,5152157	0,014	0,311
CHR1	14321570	CHR1:14321570	SSF x Near_LoA	-8,64177979	0,034	0,306
CHR1	143246	CHR1:143246	SSF x Near_LoA	-11,0095338	-0,111	0,293
CHR1	143271	CHR1:143271	SSF x Near_LoA	-10,8922599	-0,091	0,298
CHR1	143273	CHR1:143273	SSF x Near_LoA	-9,75573931	0,073	0,299
CHR1	143277	CHR1:143277	SSF x Near_LoA	-10,7484652	0,042	0,314
CHR1	1432795	CHR1:1432795	SSF x Near_LoA	-8,14706249	-0,004	0,314
CHR1	14332535	CHR1:14332535	SSF x Near_LoA	-7,40919655	-0,027	0,314
CHR1	14338565	CHR1:14338565	SSF x Near_LoA	-10,3561097	-0,005	0,310
CHR1	14339501	CHR1:14339501	SSF x Near_LoA	-10,4982185	0,022	0,317
CHR1	14342694	CHR1:14342694	SSF x Near_LoA	-7,70744811	-0,051	0,296
CHR1	14342751	CHR1:14342751	SSF x Near_LoA	-8,7734903	-0,049	0,312
CHR1	14342791	CHR1:14342791	SSF x Near_LoA	-9,60920677	-0,052	0,308
CHR1	14342838	CHR1:14342838	SSF x Near_LoA	-7,20880802	-0,119	0,306
CHR1	14342892	CHR1:14342892	SSF x Near_LoA	-9,35758323	0,011	0,301
CHR1	14347565	CHR1:14347565	SSF x Near_LoA	-10,7317046	-0,019	0,299
CHR1	14347590	CHR1:14347590	SSF x Near_LoA	-8,94713297	-0,092	0,308
CHR1	14347655	CHR1:14347655	SSF x Near_LoA	-11,1974616	0,120	0,301
CHR1	14347662	CHR1:14347662	SSF x Near_LoA	-6,86490217	-0,025	0,314
CHR1	14362502	CHR1:14362502	SSF x Near_LoA	-10,6476391	0,055	0,301
CHR1	14367222	CHR1:14367222	SSF x Near_LoA	-9,37927525	-0,028	0,313
CHR1	14367247	CHR1:14367247	SSF x Near_LoA	-9,09935269	-0,155	0,303
CHR1	14375604	CHR1:14375604	SSF x Near_LoA	-5,708334	0,168	0,299
CHR1	14375663	CHR1:14375663	SSF x Near_LoA	-8,45887695	-0,085	0,303
CHR1	14375665	CHR1:14375665	SSF x Near_LoA	-8,76710906	0,155	0,299
CHR1	14376113	CHR1:14376113	SSF x Near_LoA	-9,07580986	0,026	0,303
CHR1	14381210	CHR1:14381210	SSF x Near_LoA	-7,94265686	0,000	0,305
CHR1	14381219	CHR1:14381219	SSF x Near_LoA	-10,243033	-0,077	0,301
CHR1	14381292	CHR1:14381292	SSF x Near_LoA	-6,62597424	-0,007	0,303
CHR1	1438647	CHR1:1438647	SSF x Near_LoA	-12,2489275	0,040	0,301
CHR1	14395271	CHR1:14395271	SSF x Near_LoA	-8,4974391	0,147	0,305
CHR1	1439664	CHR1:1439664	SSF x Near_LoA	-3,19351271	0,069	0,315
CHR1	1439757	CHR1:1439757	SSF x Near_LoA	-10,0221156	0,141	0,289
CHR1	14405244	CHR1:14405244	SSF x Near_LoA	-9,36356728	-0,031	0,299
CHR1	14405297	CHR1:14405297	SSF x Near_LoA	-8,35476673	0,029	0,290
CHR1	14407127	CHR1:14407127	SSF x Near_LoA	-10,0872465	-0,105	0,314
CHR1	14409601	CHR1:14409601	SSF x Near_LoA	-10,167333	-0,076	0,312
CHR1	14409619	CHR1:14409619	SSF x Near_LoA	-9,77830929	-0,039	0,299
CHR1	14417556	CHR1:14417556	SSF x Near_LoA	-9,5601988	-0,043	0,306
CHR1	14417597	CHR1:14417597	SSF x Near_LoA	-9,05089329	0,065	0,314
CHR1	14417717	CHR1:14417717	SSF x Near_LoA	-11,5667825	-0,006	0,313
CHR1	14417735	CHR1:14417735	SSF x Near_LoA	-11,3597425	-0,021	0,315
CHR1	14417766	CHR1:14417766	SSF x Near_LoA	-9,44859036	0,000	0,305
CHR1	1441780	CHR1:1441780	SSF x Near_LoA	-11,2345515	0,017	0,309
CHR1	1441856	CHR1:1441856	SSF x Near_LoA	-10,4287001	-0,038	0,301
CHR1	1441879	CHR1:1441879	SSF x Near_LoA	-10,6805444	-0,011	0,314
CHR1	14419558	CHR1:14419558	SSF x Near_LoA	-8,98410972	-0,067	0,312
CHR1	14419586	CHR1:14419586	SSF x Near_LoA	-11,0473661	0,028	0,298

CHR1	14426956	CHR1:14426956	SSF x Near_LoA	-5,79333715	-0,132	0,306
CHR1	14427150	CHR1:14427150	SSF x Near_LoA	-3,39568417	0,011	0,308
CHR1	14440338	CHR1:14440338	SSF x Near_LoA	-8,45543086	0,009	0,324
CHR1	14449800	CHR1:14449800	SSF x Near_LoA	-11,8947278	-0,033	0,312
CHR1	14449834	CHR1:14449834	SSF x Near_LoA	-8,0009787	0,027	0,325
CHR1	14449930	CHR1:14449930	SSF x Near_LoA	-1,53780274	-0,026	0,320
CHR1	14456202	CHR1:14456202	SSF x Near_LoA	-10,9817842	-0,041	0,320
CHR1	14476994	CHR1:14476994	SSF x Near_LoA	-10,7116364	-0,044	0,320
CHR1	14476997	CHR1:14476997	SSF x Near_LoA	-9,32835082	0,070	0,305
CHR1	14477058	CHR1:14477058	SSF x Near_LoA	-8,32425738	0,125	0,298
CHR1	14477133	CHR1:14477133	SSF x Near_LoA	-8,80230697	0,067	0,308
CHR1	14480242	CHR1:14480242	SSF x Near_LoA	-10,7483958	-0,035	0,320
CHR1	14480278	CHR1:14480278	SSF x Near_LoA	-8,6275349	0,001	0,309
CHR1	14481268	CHR1:14481268	SSF x Near_LoA	-10,1438375	0,117	0,306
CHR1	14481273	CHR1:14481273	SSF x Near_LoA	-9,10250964	-0,087	0,304
CHR1	14481279	CHR1:14481279	SSF x Near_LoA	-8,74756875	-0,087	0,307
CHR1	14481385	CHR1:14481385	SSF x Near_LoA	-9,84338543	-0,020	0,310
CHR1	14482963	CHR1:14482963	SSF x Near_LoA	-9,36036807	0,031	0,310
CHR1	14482964	CHR1:14482964	SSF x Near_LoA	-10,2702952	-0,085	0,297
CHR1	14482965	CHR1:14482965	SSF x Near_LoA	-10,3877403	0,110	0,314
CHR1	14482966	CHR1:14482966	SSF x Near_LoA	-7,82074413	-0,077	0,303
CHR1	14482968	CHR1:14482968	SSF x Near_LoA	-8,08068688	-0,118	0,292
CHR1	14482972	CHR1:14482972	SSF x Near_LoA	-10,5354315	0,101	0,307
CHR1	14482973	CHR1:14482973	SSF x Near_LoA	-7,56260144	0,166	0,288
CHR1	14482989	CHR1:14482989	SSF x Near_LoA	-7,99994677	-0,124	0,288
CHR1	14482992	CHR1:14482992	SSF x Near_LoA	-5,51281873	-0,117	0,301
CHR1	14483060	CHR1:14483060	SSF x Near_LoA	-9,47482041	0,145	0,296
CHR1	14491140	CHR1:14491140	SSF x Near_LoA	-5,70426716	-0,108	0,310
CHR1	14497217	CHR1:14497217	SSF x Near_LoA	-8,87336967	-0,068	0,302
CHR1	14497220	CHR1:14497220	SSF x Near_LoA	-4,80553306	-0,073	0,294
CHR1	14497238	CHR1:14497238	SSF x Near_LoA	-11,0077985	0,086	0,296
CHR1	14497240	CHR1:14497240	SSF x Near_LoA	-9,20750927	0,019	0,301
CHR1	14497253	CHR1:14497253	SSF x Near_LoA	-8,75246985	0,011	0,311
CHR1	14497262	CHR1:14497262	SSF x Near_LoA	-11,3694348	0,036	0,314
CHR1	14497328	CHR1:14497328	SSF x Near_LoA	-11,1294293	-0,016	0,311
CHR1	14505216	CHR1:14505216	SSF x Near_LoA	-9,80485121	0,032	0,304
CHR1	14505290	CHR1:14505290	SSF x Near_LoA	-10,6649311	-0,010	0,316
CHR1	14509866	CHR1:14509866	SSF x Near_LoA	-8,62106568	0,130	0,305
CHR1	14510764	CHR1:14510764	SSF x Near_LoA	-11,1475017	0,015	0,310
CHR1	14510779	CHR1:14510779	SSF x Near_LoA	-10,7191664	0,000	0,308
CHR1	14521267	CHR1:14521267	SSF x Near_LoA	-10,0327482	0,007	0,306
CHR1	14521375	CHR1:14521375	SSF x Near_LoA	-10,3886587	0,116	0,299
CHR1	14521381	CHR1:14521381	SSF x Near_LoA	-10,8160406	-0,055	0,308
CHR1	14528765	CHR1:14528765	SSF x Near_LoA	-10,7887599	0,030	0,307
CHR1	14528857	CHR1:14528857	SSF x Near_LoA	-9,48421675	0,078	0,304
CHR1	1453283	CHR1:1453283	SSF x Near_LoA	-9,82595944	0,073	0,305
CHR1	1453363	CHR1:1453363	SSF x Near_LoA	-6,63900685	-0,113	0,295
CHR1	145465	CHR1:145465	SSF x Near_LoA	-8,9719332	0,049	0,317
CHR1	14558724	CHR1:14558724	SSF x Near_LoA	-10,1112235	0,076	0,292
CHR1	14558769	CHR1:14558769	SSF x Near_LoA	-10,6968461	-0,071	0,302
CHR1	14558813	CHR1:14558813	SSF x Near_LoA	-5,51364641	0,096	0,304
CHR1	14558867	CHR1:14558867	SSF x Near_LoA	-8,74277732	-0,086	0,318
CHR1	14558897	CHR1:14558897	SSF x Near_LoA	-10,9746534	-0,087	0,301

CHR1	14558957	CHR1:14558957	SSF x Near_LoA	-7,99682947	-0,142	0,286
CHR1	14561956	CHR1:14561956	SSF x Near_LoA	-8,26665163	-0,035	0,295
CHR1	14562034	CHR1:14562034	SSF x Near_LoA	-7,11920532	0,047	0,320
CHR1	14562058	CHR1:14562058	SSF x Near_LoA	-8,68345143	0,083	0,298
CHR1	14562115	CHR1:14562115	SSF x Near_LoA	-9,40433465	-0,091	0,295
CHR1	1458425	CHR1:1458425	SSF x Near_LoA	-9,03622096	0,056	0,317
CHR1	1458440	CHR1:1458440	SSF x Near_LoA	-8,48496586	-0,065	0,302
CHR1	1458502	CHR1:1458502	SSF x Near_LoA	-10,1083961	-0,003	0,302
CHR1	1458515	CHR1:1458515	SSF x Near_LoA	-7,01519311	0,128	0,298
CHR1	1458537	CHR1:1458537	SSF x Near_LoA	-11,0956912	0,108	0,312
CHR1	1458723	CHR1:1458723	SSF x Near_LoA	-11,2980692	-0,022	0,312
CHR1	1458728	CHR1:1458728	SSF x Near_LoA	-9,44888823	-0,010	0,306
CHR1	14589362	CHR1:14589362	SSF x Near_LoA	-8,13515908	-0,028	0,316
CHR1	14589410	CHR1:14589410	SSF x Near_LoA	-10,3239796	-0,100	0,310
CHR1	14610556	CHR1:14610556	SSF x Near_LoA	-10,0478155	0,125	0,295
CHR1	14610572	CHR1:14610572	SSF x Near_LoA	-8,37480906	0,024	0,316
CHR1	14610621	CHR1:14610621	SSF x Near_LoA	-10,0359021	0,006	0,297
CHR1	14610685	CHR1:14610685	SSF x Near_LoA	-10,6850644	-0,012	0,305
CHR1	14615389	CHR1:14615389	SSF x Near_LoA	-8,23598058	0,114	0,308
CHR1	14615418	CHR1:14615418	SSF x Near_LoA	-7,88642961	0,088	0,301
CHR1	14618047	CHR1:14618047	SSF x Near_LoA	-9,8731251	0,030	0,312
CHR1	14618101	CHR1:14618101	SSF x Near_LoA	-6,80883261	0,100	0,306
CHR1	14618118	CHR1:14618118	SSF x Near_LoA	-11,0641906	0,097	0,300
CHR1	14618119	CHR1:14618119	SSF x Near_LoA	-9,22469992	0,079	0,311
CHR1	14618133	CHR1:14618133	SSF x Near_LoA	-9,80159593	0,034	0,307
CHR1	14618136	CHR1:14618136	SSF x Near_LoA	-9,21198868	0,040	0,307
CHR1	14619695	CHR1:14619695	SSF x Near_LoA	-8,28118618	-0,057	0,311
CHR1	14619706	CHR1:14619706	SSF x Near_LoA	-6,05852146	-0,036	0,312
CHR1	14619758	CHR1:14619758	SSF x Near_LoA	-10,5396593	-0,043	0,304
CHR1	14619769	CHR1:14619769	SSF x Near_LoA	-9,76028579	0,003	0,320
CHR1	14625409	CHR1:14625409	SSF x Near_LoA	-6,24204337	-0,011	0,301
CHR1	14626420	CHR1:14626420	SSF x Near_LoA	-9,40426281	0,000	0,303
CHR1	14627895	CHR1:14627895	SSF x Near_LoA	-11,4653911	0,024	0,302
CHR1	14628182	CHR1:14628182	SSF x Near_LoA	-11,6023739	0,011	0,304
CHR1	14647797	CHR1:14647797	SSF x Near_LoA	-9,03933432	0,001	0,310
CHR1	14658348	CHR1:14658348	SSF x Near_LoA	-8,58241817	0,158	0,301
CHR1	14658406	CHR1:14658406	SSF x Near_LoA	-9,13269917	-0,031	0,302
CHR1	14659769	CHR1:14659769	SSF x Near_LoA	-10,3061066	-0,103	0,298
CHR1	14659824	CHR1:14659824	SSF x Near_LoA	-10,0707086	-0,003	0,300
CHR1	14668187	CHR1:14668187	SSF x Near_LoA	-7,15347038	-0,029	0,310
CHR1	14668258	CHR1:14668258	SSF x Near_LoA	-10,997738	0,035	0,314
CHR1	14668263	CHR1:14668263	SSF x Near_LoA	-11,1781508	-0,019	0,318
CHR1	14668322	CHR1:14668322	SSF x Near_LoA	-11,2277224	-0,033	0,313
CHR1	14673013	CHR1:14673013	SSF x Near_LoA	-11,34366	0,058	0,309
CHR1	14673022	CHR1:14673022	SSF x Near_LoA	-12,3365	-0,003	0,301
CHR1	14673040	CHR1:14673040	SSF x Near_LoA	-8,85276874	-0,031	0,325
CHR1	14673097	CHR1:14673097	SSF x Near_LoA	-8,26867213	-0,041	0,328
CHR1	14673146	CHR1:14673146	SSF x Near_LoA	-7,29847029	-0,037	0,316
CHR1	14673176	CHR1:14673176	SSF x Near_LoA	-8,6817636	-0,090	0,301
CHR1	14677382	CHR1:14677382	SSF x Near_LoA	-10,1952258	0,056	0,315
CHR1	14677394	CHR1:14677394	SSF x Near_LoA	-8,54816476	0,074	0,308
CHR1	14677396	CHR1:14677396	SSF x Near_LoA	-8,84276094	0,097	0,317
CHR1	14677467	CHR1:14677467	SSF x Near_LoA	-4,74709539	0,084	0,308

CHR1	14677472	CHR1:14677472	SSF x Near_LoA	-10,1005437	0,027	0,316
CHR1	14681639	CHR1:14681639	SSF x Near_LoA	-10,7445794	-0,085	0,313
CHR1	14681671	CHR1:14681671	SSF x Near_LoA	-9,07047529	0,063	0,318
CHR1	14681674	CHR1:14681674	SSF x Near_LoA	-5,34994417	0,107	0,289
CHR1	14681683	CHR1:14681683	SSF x Near_LoA	-9,38561399	0,031	0,306
CHR1	14681694	CHR1:14681694	SSF x Near_LoA	-8,81039909	-0,008	0,316
CHR1	14681723	CHR1:14681723	SSF x Near_LoA	-8,18254295	0,041	0,292
CHR1	14681749	CHR1:14681749	SSF x Near_LoA	-8,97528291	0,013	0,306
CHR1	14681786	CHR1:14681786	SSF x Near_LoA	-9,58207048	-0,013	0,300
CHR1	14681825	CHR1:14681825	SSF x Near_LoA	-12,0460838	-0,034	0,298
CHR1	14681839	CHR1:14681839	SSF x Near_LoA	-11,2760981	-0,081	0,304
CHR1	14681851	CHR1:14681851	SSF x Near_LoA	-3,88099184	-0,044	0,320
CHR1	14681877	CHR1:14681877	SSF x Near_LoA	-11,3147262	-0,052	0,301
CHR1	14683821	CHR1:14683821	SSF x Near_LoA	-7,05681157	0,110	0,310
CHR1	14687130	CHR1:14687130	SSF x Near_LoA	-7,73953266	0,071	0,317
CHR1	146899	CHR1:146899	SSF x Near_LoA	-7,80401705	0,032	0,311
CHR1	14695418	CHR1:14695418	SSF x Near_LoA	-9,19020576	0,111	0,302
CHR1	14695481	CHR1:14695481	SSF x Near_LoA	-6,69885692	-0,176	0,291
CHR1	14695541	CHR1:14695541	SSF x Near_LoA	-9,63938085	-0,014	0,312
CHR1	14695594	CHR1:14695594	SSF x Near_LoA	-8,41414378	0,121	0,296
CHR1	14695621	CHR1:14695621	SSF x Near_LoA	-10,4424727	-0,011	0,295
CHR1	14697397	CHR1:14697397	SSF x Near_LoA	-4,6101382	-0,071	0,304
CHR1	14697469	CHR1:14697469	SSF x Near_LoA	-9,07528731	0,012	0,297
CHR1	14717049	CHR1:14717049	SSF x Near_LoA	-7,04116795	-0,009	0,318
CHR1	14717144	CHR1:14717144	SSF x Near_LoA	-7,7154448	-0,116	0,314
CHR1	14719407	CHR1:14719407	SSF x Near_LoA	-9,53628422	0,090	0,305
CHR1	14719463	CHR1:14719463	SSF x Near_LoA	-9,08402349	0,143	0,294
CHR1	14730556	CHR1:14730556	SSF x Near_LoA	-9,93064379	-0,038	0,316
CHR1	14730606	CHR1:14730606	SSF x Near_LoA	-7,52122524	0,012	0,289
CHR1	14730610	CHR1:14730610	SSF x Near_LoA	-9,43812997	0,017	0,302
CHR1	14730711	CHR1:14730711	SSF x Near_LoA	-10,8860689	-0,012	0,307
CHR1	1475210	CHR1:1475210	SSF x Near_LoA	-8,60812783	0,048	0,299
CHR1	1475222	CHR1:1475222	SSF x Near_LoA	-10,4417317	-0,006	0,306
CHR1	1475245	CHR1:1475245	SSF x Near_LoA	-8,51916047	0,016	0,316
CHR1	1475476	CHR1:1475476	SSF x Near_LoA	-7,33752991	-0,114	0,295
CHR1	14761415	CHR1:14761415	SSF x Near_LoA	-10,5163182	0,034	0,314
CHR1	14774242	CHR1:14774242	SSF x Near_LoA	-9,5213773	0,067	0,320
CHR1	14774256	CHR1:14774256	SSF x Near_LoA	-11,054882	-0,097	0,303
CHR1	14774270	CHR1:14774270	SSF x Near_LoA	-9,35614434	-0,049	0,308
CHR1	14774295	CHR1:14774295	SSF x Near_LoA	-5,87931569	-0,112	0,302
CHR1	14774318	CHR1:14774318	SSF x Near_LoA	-8,5171175	0,067	0,323
CHR1	14774336	CHR1:14774336	SSF x Near_LoA	-3,9876752	-0,100	0,297
CHR1	1479328	CHR1:1479328	SSF x Near_LoA	-8,48594604	-0,068	0,307
CHR1	1479348	CHR1:1479348	SSF x Near_LoA	-8,13362724	-0,078	0,300
CHR1	1479399	CHR1:1479399	SSF x Near_LoA	-9,40277396	0,040	0,302
CHR1	1479483	CHR1:1479483	SSF x Near_LoA	-9,31969987	-0,057	0,312
CHR1	14801434	CHR1:14801434	SSF x Near_LoA	-9,84625458	0,040	0,316
CHR1	1480907	CHR1:1480907	SSF x Near_LoA	-7,08466323	-0,115	0,307
CHR1	1480938	CHR1:1480938	SSF x Near_LoA	-7,35168498	-0,182	0,286
CHR1	1480964	CHR1:1480964	SSF x Near_LoA	-7,75970302	-0,005	0,303
CHR1	14814941	CHR1:14814941	SSF x Near_LoA	-8,13730544	0,017	0,308
CHR1	14814957	CHR1:14814957	SSF x Near_LoA	-7,53363477	0,029	0,293
CHR1	14814992	CHR1:14814992	SSF x Near_LoA	-8,20589828	0,009	0,312

CHR1	14816878	CHR1:14816878	SSF x Near_LoA	-8,65775597	0,004	0,306
CHR1	14838557	CHR1:14838557	SSF x Near_LoA	-7,52656737	0,132	0,310
CHR1	14838603	CHR1:14838603	SSF x Near_LoA	-6,01815694	0,145	0,301
CHR1	14863068	CHR1:14863068	SSF x Near_LoA	-10,4080106	-0,071	0,310
CHR1	14863073	CHR1:14863073	SSF x Near_LoA	-10,321866	-0,077	0,299
CHR1	14863107	CHR1:14863107	SSF x Near_LoA	-7,81544793	0,037	0,310
CHR1	14863135	CHR1:14863135	SSF x Near_LoA	-7,9398976	-0,051	0,320
CHR1	14863192	CHR1:14863192	SSF x Near_LoA	-8,3096932	0,033	0,318
CHR1	14863254	CHR1:14863254	SSF x Near_LoA	-8,92100078	-0,072	0,324
CHR1	14863267	CHR1:14863267	SSF x Near_LoA	-8,89822501	-0,069	0,304
CHR1	14863278	CHR1:14863278	SSF x Near_LoA	-10,2482972	-0,032	0,304
CHR1	14873141	CHR1:14873141	SSF x Near_LoA	-10,6606624	0,003	0,312
CHR1	14873219	CHR1:14873219	SSF x Near_LoA	-8,9228636	0,015	0,300
CHR1	14873260	CHR1:14873260	SSF x Near_LoA	-10,3678678	0,009	0,308
CHR1	14873362	CHR1:14873362	SSF x Near_LoA	-5,69025816	0,140	0,301
CHR1	14877131	CHR1:14877131	SSF x Near_LoA	-9,69014699	-0,042	0,304
CHR1	14877195	CHR1:14877195	SSF x Near_LoA	-7,46741463	0,125	0,319
CHR1	14877326	CHR1:14877326	SSF x Near_LoA	-8,65610543	-0,089	0,303
CHR1	14877342	CHR1:14877342	SSF x Near_LoA	-6,8236437	-0,089	0,292
CHR1	14877359	CHR1:14877359	SSF x Near_LoA	-10,0375742	-0,038	0,310
CHR1	1488340	CHR1:1488340	SSF x Near_LoA	-11,479246	-0,065	0,315
CHR1	14887975	CHR1:14887975	SSF x Near_LoA	-9,22184985	-0,028	0,313
CHR1	14888107	CHR1:14888107	SSF x Near_LoA	-9,22631633	0,017	0,306
CHR1	14888129	CHR1:14888129	SSF x Near_LoA	-8,61779013	-0,010	0,308
CHR1	14888131	CHR1:14888131	SSF x Near_LoA	-8,20052366	0,020	0,317
CHR1	14888187	CHR1:14888187	SSF x Near_LoA	-11,4927046	-0,012	0,303
CHR1	14888204	CHR1:14888204	SSF x Near_LoA	-9,92340302	-0,019	0,309
CHR1	14888215	CHR1:14888215	SSF x Near_LoA	-9,58625565	-0,002	0,313
CHR1	14888217	CHR1:14888217	SSF x Near_LoA	-8,34664653	0,033	0,310
CHR1	14904756	CHR1:14904756	SSF x Near_LoA	-11,1891018	0,055	0,307
CHR1	14904846	CHR1:14904846	SSF x Near_LoA	-9,85983095	0,003	0,308
CHR1	14904892	CHR1:14904892	SSF x Near_LoA	-9,17938028	-0,060	0,304
CHR1	14908525	CHR1:14908525	SSF x Near_LoA	-8,55261495	-0,102	0,305
CHR1	14921030	CHR1:14921030	SSF x Near_LoA	-10,9334074	-0,055	0,318
CHR1	14921226	CHR1:14921226	SSF x Near_LoA	-9,41920878	-0,003	0,297
CHR1	14923720	CHR1:14923720	SSF x Near_LoA	-6,06274436	-0,142	0,290
CHR1	14923728	CHR1:14923728	SSF x Near_LoA	-9,39387941	0,073	0,308
CHR1	1494024	CHR1:1494024	SSF x Near_LoA	-9,65356247	-0,041	0,296
CHR1	14943753	CHR1:14943753	SSF x Near_LoA	-7,7174626	0,050	0,318
CHR1	14953812	CHR1:14953812	SSF x Near_LoA	-8,04319258	0,009	0,307
CHR1	14954715	CHR1:14954715	SSF x Near_LoA	-8,90571845	0,050	0,312
CHR1	14956336	CHR1:14956336	SSF x Near_LoA	-8,79119238	-0,006	0,307
CHR1	14956414	CHR1:14956414	SSF x Near_LoA	-9,87406848	-0,037	0,320
CHR1	14962252	CHR1:14962252	SSF x Near_LoA	-9,22028748	-0,029	0,326
CHR1	14962278	CHR1:14962278	SSF x Near_LoA	-9,04380442	-0,090	0,296
CHR1	14962450	CHR1:14962450	SSF x Near_LoA	-9,10119431	-0,051	0,315
CHR1	14962546	CHR1:14962546	SSF x Near_LoA	-1,157397	0,055	0,327
CHR1	14973421	CHR1:14973421	SSF x Near_LoA	-9,0201099	-0,010	0,314
CHR1	1498049	CHR1:1498049	SSF x Near_LoA	-11,0539139	-0,095	0,308
CHR1	14996195	CHR1:14996195	SSF x Near_LoA	-8,12850515	-0,045	0,300
CHR1	14996289	CHR1:14996289	SSF x Near_LoA	-8,339194	-0,023	0,322
CHR1	15016931	CHR1:15016931	SSF x Near_LoA	-7,61886484	-0,005	0,317
CHR1	15016943	CHR1:15016943	SSF x Near_LoA	-8,43774025	-0,013	0,321

CHR1	15016946	CHR1:15016946	SSF x Near_LoA	-9,43633394	0,020	0,315
CHR1	15016961	CHR1:15016961	SSF x Near_LoA	-7,80824824	0,023	0,312
CHR1	15016970	CHR1:15016970	SSF x Near_LoA	-5,87630615	-0,003	0,310
CHR1	15016980	CHR1:15016980	SSF x Near_LoA	-8,70469003	0,029	0,319
CHR1	15016991	CHR1:15016991	SSF x Near_LoA	-9,01378245	0,017	0,315
CHR1	15017038	CHR1:15017038	SSF x Near_LoA	-8,48729394	0,005	0,323
CHR1	15017039	CHR1:15017039	SSF x Near_LoA	-8,18766395	-0,014	0,319
CHR1	1504920	CHR1:1504920	SSF x Near_LoA	-8,31227156	0,022	0,305
CHR1	1504937	CHR1:1504937	SSF x Near_LoA	-7,2913382	0,184	0,298
CHR1	1504958	CHR1:1504958	SSF x Near_LoA	-9,51603125	-0,108	0,306
CHR1	1505038	CHR1:1505038	SSF x Near_LoA	-5,96870084	0,156	0,307
CHR1	1508396	CHR1:1508396	SSF x Near_LoA	-8,2546882	0,025	0,312
CHR1	15139067	CHR1:15139067	SSF x Near_LoA	-9,17990536	0,009	0,309
CHR1	15139072	CHR1:15139072	SSF x Near_LoA	-8,05883768	-0,003	0,305
CHR1	15139150	CHR1:15139150	SSF x Near_LoA	-9,65225648	-0,001	0,317
CHR1	15139229	CHR1:15139229	SSF x Near_LoA	-8,27701382	0,013	0,319
CHR1	1514471	CHR1:1514471	SSF x Near_LoA	-8,43668039	0,033	0,318
CHR1	1514554	CHR1:1514554	SSF x Near_LoA	-8,71067036	0,050	0,307
CHR1	151686	CHR1:151686	SSF x Near_LoA	-7,1948381	-0,100	0,303
CHR1	151713	CHR1:151713	SSF x Near_LoA	-7,51809611	0,049	0,302
CHR1	15242897	CHR1:15242897	SSF x Near_LoA	-11,7520698	0,047	0,309
CHR1	1525747	CHR1:1525747	SSF x Near_LoA	-10,8628795	-0,062	0,310
CHR1	1525772	CHR1:1525772	SSF x Near_LoA	-6,34077963	0,103	0,302
CHR1	1525986	CHR1:1525986	SSF x Near_LoA	-7,76823962	-0,057	0,303
CHR1	1526026	CHR1:1526026	SSF x Near_LoA	-7,46069641	-0,105	0,306
CHR1	15271849	CHR1:15271849	SSF x Near_LoA	-8,36012481	-0,121	0,299
CHR1	15271878	CHR1:15271878	SSF x Near_LoA	-9,85544417	-0,079	0,297
CHR1	15271888	CHR1:15271888	SSF x Near_LoA	-10,381403	-0,061	0,306
CHR1	15271897	CHR1:15271897	SSF x Near_LoA	-11,0520809	-0,085	0,297
CHR1	15271899	CHR1:15271899	SSF x Near_LoA	-8,81326836	-0,085	0,303
CHR1	15271905	CHR1:15271905	SSF x Near_LoA	-9,81699215	-0,106	0,305
CHR1	15271934	CHR1:15271934	SSF x Near_LoA	-7,9302197	-0,078	0,308
CHR1	15271981	CHR1:15271981	SSF x Near_LoA	-10,7703459	-0,066	0,300
CHR1	1535804	CHR1:1535804	SSF x Near_LoA	-9,55810654	0,006	0,310
CHR1	1535836	CHR1:1535836	SSF x Near_LoA	-8,58019039	0,059	0,309
CHR1	1535853	CHR1:1535853	SSF x Near_LoA	-0,98313224	-0,018	0,320
CHR1	1535869	CHR1:1535869	SSF x Near_LoA	-7,29801147	0,159	0,296
CHR1	1542438	CHR1:1542438	SSF x Near_LoA	-9,53985763	-0,047	0,308
CHR1	1542476	CHR1:1542476	SSF x Near_LoA	-7,06781907	0,125	0,296
CHR1	1542570	CHR1:1542570	SSF x Near_LoA	-4,24575881	0,008	0,316
CHR1	1544756	CHR1:1544756	SSF x Near_LoA	-10,1482474	-0,096	0,301
CHR1	15471583	CHR1:15471583	SSF x Near_LoA	-8,62204223	-0,005	0,316
CHR1	15471586	CHR1:15471586	SSF x Near_LoA	-8,55090521	-0,024	0,314
CHR1	15477241	CHR1:15477241	SSF x Near_LoA	5,02319194	-0,021	0,331
CHR1	15477289	CHR1:15477289	SSF x Near_LoA	-8,09013029	-0,006	0,325
CHR1	15477296	CHR1:15477296	SSF x Near_LoA	-8,51558541	-0,020	0,316
CHR1	15477301	CHR1:15477301	SSF x Near_LoA	-7,81319639	0,017	0,327
CHR1	15477311	CHR1:15477311	SSF x Near_LoA	-8,09695512	0,004	0,319
CHR1	15477330	CHR1:15477330	SSF x Near_LoA	-8,75935056	-0,003	0,314
CHR1	15477345	CHR1:15477345	SSF x Near_LoA	-8,38825803	-0,004	0,325
CHR1	15477475	CHR1:15477475	SSF x Near_LoA	-8,37857706	0,012	0,311
CHR1	15477486	CHR1:15477486	SSF x Near_LoA	-3,61169033	-0,003	0,324
CHR1	15477523	CHR1:15477523	SSF x Near_LoA	-7,39819431	-0,022	0,328

CHR1	15477533	CHR1:15477533	SSF x Near_LoA	-8,32360176	-0,018	0,318
CHR1	15477540	CHR1:15477540	SSF x Near_LoA	-7,66727668	0,008	0,328
CHR1	15477549	CHR1:15477549	SSF x Near_LoA	-8,77862738	0,002	0,319
CHR1	15477565	CHR1:15477565	SSF x Near_LoA	-8,49645751	-0,015	0,322
CHR1	15500195	CHR1:15500195	SSF x Near_LoA	-9,47324233	-0,020	0,319
CHR1	1550160	CHR1:1550160	SSF x Near_LoA	-6,84868541	0,160	0,305
CHR1	1551669	CHR1:1551669	SSF x Near_LoA	-6,28244842	0,008	0,312
CHR1	1558015	CHR1:1558015	SSF x Near_LoA	-10,6753847	0,114	0,297
CHR1	1558079	CHR1:1558079	SSF x Near_LoA	-6,1568476	-0,031	0,311
CHR1	15634733	CHR1:15634733	SSF x Near_LoA	-11,1618987	-0,016	0,310
CHR1	1565230	CHR1:1565230	SSF x Near_LoA	-8,89278207	-0,135	0,294
CHR1	1565233	CHR1:1565233	SSF x Near_LoA	2,13327747	-0,124	0,297
CHR1	1565253	CHR1:1565253	SSF x Near_LoA	-10,9125195	-0,011	0,302
CHR1	15668653	CHR1:15668653	SSF x Near_LoA	-8,36669976	-0,110	0,298
CHR1	15703074	CHR1:15703074	SSF x Near_LoA	-10,1951411	0,026	0,304
CHR1	15703191	CHR1:15703191	SSF x Near_LoA	-9,12449777	-0,005	0,298
CHR1	15725537	CHR1:15725537	SSF x Near_LoA	-11,0208244	0,100	0,302
CHR1	1573452	CHR1:1573452	SSF x Near_LoA	-11,5086325	-0,032	0,312
CHR1	1573480	CHR1:1573480	SSF x Near_LoA	-10,7962444	0,064	0,315
CHR1	1573515	CHR1:1573515	SSF x Near_LoA	-10,1877216	0,055	0,305
CHR1	1573560	CHR1:1573560	SSF x Near_LoA	-8,47293668	-0,082	0,330
CHR1	1573567	CHR1:1573567	SSF x Near_LoA	-9,55234426	-0,095	0,298
CHR1	1573570	CHR1:1573570	SSF x Near_LoA	-8,58770226	-0,085	0,309
CHR1	1573724	CHR1:1573724	SSF x Near_LoA	-7,55588398	-0,103	0,300
CHR1	15799540	CHR1:15799540	SSF x Near_LoA	-8,82204411	-0,038	0,314
CHR1	15799588	CHR1:15799588	SSF x Near_LoA	-8,65448668	-0,011	0,324
CHR1	15819625	CHR1:15819625	SSF x Near_LoA	-7,12707727	0,106	0,298
CHR1	15841152	CHR1:15841152	SSF x Near_LoA	-0,47971994	0,104	0,298
CHR1	1586350	CHR1:1586350	SSF x Near_LoA	-9,13126085	0,010	0,314
CHR1	15890217	CHR1:15890217	SSF x Near_LoA	-11,8156657	-0,041	0,303
CHR1	1589448	CHR1:1589448	SSF x Near_LoA	-11,6741934	0,008	0,309
CHR1	1589591	CHR1:1589591	SSF x Near_LoA	-5,45625433	-0,083	0,313
CHR1	15974093	CHR1:15974093	SSF x Near_LoA	-11,2585937	0,039	0,305
CHR1	1597843	CHR1:1597843	SSF x Near_LoA	-9,57303744	0,112	0,308
CHR1	1597967	CHR1:1597967	SSF x Near_LoA	-9,51453196	0,048	0,293
CHR1	1599808	CHR1:1599808	SSF x Near_LoA	-9,14144242	-0,072	0,305
CHR1	1599848	CHR1:1599848	SSF x Near_LoA	-8,38558441	0,033	0,303
CHR1	16014168	CHR1:16014168	SSF x Near_LoA	-7,1795978	-0,101	0,324
CHR1	16101851	CHR1:16101851	SSF x Near_LoA	-0,47593901	-0,134	0,296
CHR1	16101911	CHR1:16101911	SSF x Near_LoA	-11,9522565	-0,066	0,300
CHR1	16101920	CHR1:16101920	SSF x Near_LoA	-10,5680562	0,085	0,305
CHR1	16101928	CHR1:16101928	SSF x Near_LoA	-12,1185363	-0,041	0,309
CHR1	16101941	CHR1:16101941	SSF x Near_LoA	-11,2340521	-0,059	0,318
CHR1	16101973	CHR1:16101973	SSF x Near_LoA	-9,20705884	0,029	0,304
CHR1	16101979	CHR1:16101979	SSF x Near_LoA	-7,72710312	0,074	0,307
CHR1	16101992	CHR1:16101992	SSF x Near_LoA	-9,66521016	0,103	0,308
CHR1	16101994	CHR1:16101994	SSF x Near_LoA	-8,84096041	0,074	0,322
CHR1	16102016	CHR1:16102016	SSF x Near_LoA	-8,33716638	0,011	0,316
CHR1	16102024	CHR1:16102024	SSF x Near_LoA	-9,42955411	0,077	0,311
CHR1	16102025	CHR1:16102025	SSF x Near_LoA	-10,5602816	-0,058	0,301
CHR1	16114003	CHR1:16114003	SSF x Near_LoA	-7,75634135	-0,108	0,307
CHR1	1611873	CHR1:1611873	SSF x Near_LoA	-8,88932058	-0,146	0,300
CHR1	1612135	CHR1:1612135	SSF x Near_LoA	-6,79760297	-0,142	0,311

CHR1	161681	CHR1:161681	SSF x Near_LoA	13,6778957	-0,092	0,310
CHR1	16198108	CHR1:16198108	SSF x Near_LoA	-8,51621559	0,121	0,307
CHR1	16205588	CHR1:16205588	SSF x Near_LoA	-8,50527607	0,022	0,314
CHR1	16205608	CHR1:16205608	SSF x Near_LoA	-9,01995459	-0,007	0,310
CHR1	1622259	CHR1:1622259	SSF x Near_LoA	-10,8640201	0,009	0,323
CHR1	1622260	CHR1:1622260	SSF x Near_LoA	-10,5167578	0,042	0,316
CHR1	16271821	CHR1:16271821	SSF x Near_LoA	-8,53239117	-0,091	0,304
CHR1	16297637	CHR1:16297637	SSF x Near_LoA	-9,03838298	0,104	0,312
CHR1	16297720	CHR1:16297720	SSF x Near_LoA	-10,7568773	0,026	0,314
CHR1	16309618	CHR1:16309618	SSF x Near_LoA	-7,4713197	0,052	0,313
CHR1	16311262	CHR1:16311262	SSF x Near_LoA	-7,69093017	0,079	0,320
CHR1	16311499	CHR1:16311499	SSF x Near_LoA	-8,99490284	-0,060	0,308
CHR1	16311514	CHR1:16311514	SSF x Near_LoA	-9,12363317	-0,057	0,309
CHR1	16321707	CHR1:16321707	SSF x Near_LoA	-9,40269585	0,049	0,304
CHR1	16322175	CHR1:16322175	SSF x Near_LoA	-8,81355413	-0,023	0,315
CHR1	16332924	CHR1:16332924	SSF x Near_LoA	-10,4471272	-0,017	0,302
CHR1	16332982	CHR1:16332982	SSF x Near_LoA	-8,99577312	-0,008	0,310
CHR1	16352784	CHR1:16352784	SSF x Near_LoA	-8,69126928	-0,018	0,311
CHR1	16352966	CHR1:16352966	SSF x Near_LoA	-10,7070323	0,050	0,306
CHR1	16375545	CHR1:16375545	SSF x Near_LoA	-8,33447715	-0,073	0,329
CHR1	16375566	CHR1:16375566	SSF x Near_LoA	-11,0414635	-0,096	0,295
CHR1	16375579	CHR1:16375579	SSF x Near_LoA	-10,9853525	-0,017	0,303
CHR1	16375603	CHR1:16375603	SSF x Near_LoA	-8,7061597	0,011	0,321
CHR1	16375668	CHR1:16375668	SSF x Near_LoA	-10,1237232	-0,004	0,294
CHR1	16382819	CHR1:16382819	SSF x Near_LoA	-8,35659852	0,006	0,316
CHR1	16388591	CHR1:16388591	SSF x Near_LoA	-10,9667874	0,065	0,298
CHR1	16388755	CHR1:16388755	SSF x Near_LoA	-5,47785354	-0,060	0,326
CHR1	1639010	CHR1:1639010	SSF x Near_LoA	-6,08176358	-0,001	0,292
CHR1	1639106	CHR1:1639106	SSF x Near_LoA	-8,29404399	0,004	0,311
CHR1	1639188	CHR1:1639188	SSF x Near_LoA	-11,0176238	0,040	0,306
CHR1	16396131	CHR1:16396131	SSF x Near_LoA	-10,139106	-0,012	0,323
CHR1	16396182	CHR1:16396182	SSF x Near_LoA	-9,50456675	0,040	0,317
CHR1	16396207	CHR1:16396207	SSF x Near_LoA	-9,69649481	0,012	0,309
CHR1	16396248	CHR1:16396248	SSF x Near_LoA	-6,25918513	0,057	0,305
CHR1	16417202	CHR1:16417202	SSF x Near_LoA	-12,3283095	-0,039	0,318
CHR1	16417220	CHR1:16417220	SSF x Near_LoA	-10,2023742	-0,078	0,308
CHR1	16417295	CHR1:16417295	SSF x Near_LoA	-9,77747006	-0,072	0,307
CHR1	16417313	CHR1:16417313	SSF x Near_LoA	-9,60404815	-0,064	0,310
CHR1	16417315	CHR1:16417315	SSF x Near_LoA	-10,1733748	-0,061	0,304
CHR1	16417316	CHR1:16417316	SSF x Near_LoA	-10,4687886	-0,061	0,298
CHR1	16417352	CHR1:16417352	SSF x Near_LoA	-8,58580313	-0,068	0,308
CHR1	16417361	CHR1:16417361	SSF x Near_LoA	-8,97521725	-0,070	0,312
CHR1	16417389	CHR1:16417389	SSF x Near_LoA	-7,50620162	-0,093	0,316
CHR1	16417505	CHR1:16417505	SSF x Near_LoA	-9,14617062	0,038	0,301
CHR1	16417510	CHR1:16417510	SSF x Near_LoA	-9,65848818	-0,067	0,309
CHR1	16417545	CHR1:16417545	SSF x Near_LoA	-9,57075154	-0,044	0,316
CHR1	16417564	CHR1:16417564	SSF x Near_LoA	-9,19526661	-0,062	0,309
CHR1	16417575	CHR1:16417575	SSF x Near_LoA	-8,9438653	0,049	0,304
CHR1	16419266	CHR1:16419266	SSF x Near_LoA	-8,66020296	0,065	0,315
CHR1	16419268	CHR1:16419268	SSF x Near_LoA	-9,49459348	0,040	0,309
CHR1	16422014	CHR1:16422014	SSF x Near_LoA	-8,15396677	-0,049	0,314
CHR1	16422168	CHR1:16422168	SSF x Near_LoA	-7,67121471	-0,121	0,303
CHR1	16422212	CHR1:16422212	SSF x Near_LoA	-6,66767069	-0,101	0,314

CHR1	16435606	CHR1:16435606	SSF x Near_LoA	-7,07988683	0,111	0,316
CHR1	16435650	CHR1:16435650	SSF x Near_LoA	-7,77363518	0,086	0,316
CHR1	16446067	CHR1:16446067	SSF x Near_LoA	-8,83091561	-0,073	0,287
CHR1	16446178	CHR1:16446178	SSF x Near_LoA	-6,0872905	-0,014	0,297
CHR1	16479527	CHR1:16479527	SSF x Near_LoA	-10,7566006	0,005	0,304
CHR1	16479541	CHR1:16479541	SSF x Near_LoA	-10,5626837	-0,016	0,306
CHR1	16479543	CHR1:16479543	SSF x Near_LoA	-9,325396	0,013	0,303
CHR1	16479560	CHR1:16479560	SSF x Near_LoA	-10,144535	0,027	0,302
CHR1	16479590	CHR1:16479590	SSF x Near_LoA	-10,511459	0,042	0,307
CHR1	16479597	CHR1:16479597	SSF x Near_LoA	-4,24530392	0,039	0,305
CHR1	16479615	CHR1:16479615	SSF x Near_LoA	-9,71293251	0,022	0,301
CHR1	16479625	CHR1:16479625	SSF x Near_LoA	-10,169126	0,052	0,309
CHR1	16479637	CHR1:16479637	SSF x Near_LoA	6,37279166	0,045	0,314
CHR1	16479638	CHR1:16479638	SSF x Near_LoA	-10,0163032	-0,060	0,294
CHR1	16492596	CHR1:16492596	SSF x Near_LoA	-7,73523108	-0,094	0,297
CHR1	16517131	CHR1:16517131	SSF x Near_LoA	-10,3680743	-0,073	0,309
CHR1	16517263	CHR1:16517263	SSF x Near_LoA	-9,20934596	0,136	0,288
CHR1	1652777	CHR1:1652777	SSF x Near_LoA	-9,01416261	0,114	0,292
CHR1	1652794	CHR1:1652794	SSF x Near_LoA	-11,5436436	0,023	0,313
CHR1	16535346	CHR1:16535346	SSF x Near_LoA	-10,9852224	-0,067	0,297
CHR1	16535461	CHR1:16535461	SSF x Near_LoA	-10,1560516	-0,085	0,319
CHR1	16535571	CHR1:16535571	SSF x Near_LoA	-7,89334863	-0,102	0,308
CHR1	1657336	CHR1:1657336	SSF x Near_LoA	-8,98822505	-0,040	0,314
CHR1	16596687	CHR1:16596687	SSF x Near_LoA	-11,2764671	-0,045	0,312
CHR1	16596702	CHR1:16596702	SSF x Near_LoA	-10,0846998	-0,046	0,312
CHR1	16596726	CHR1:16596726	SSF x Near_LoA	-11,4105938	-0,039	0,300
CHR1	16596742	CHR1:16596742	SSF x Near_LoA	-3,8355008	-0,150	0,307
CHR1	16596764	CHR1:16596764	SSF x Near_LoA	-9,17923866	-0,079	0,314
CHR1	16597799	CHR1:16597799	SSF x Near_LoA	-5,30492198	0,166	0,296
CHR1	16597875	CHR1:16597875	SSF x Near_LoA	-10,9958269	-0,026	0,292
CHR1	16597879	CHR1:16597879	SSF x Near_LoA	-11,3103193	-0,062	0,314
CHR1	16615635	CHR1:16615635	SSF x Near_LoA	-10,3444909	-0,031	0,316
CHR1	16615681	CHR1:16615681	SSF x Near_LoA	-7,70823388	-0,113	0,300
CHR1	16629854	CHR1:16629854	SSF x Near_LoA	-7,62065043	-0,129	0,309
CHR1	16629928	CHR1:16629928	SSF x Near_LoA	-5,67494289	-0,146	0,298
CHR1	16630548	CHR1:16630548	SSF x Near_LoA	-10,1624768	0,049	0,299
CHR1	16633030	CHR1:16633030	SSF x Near_LoA	-8,73067247	-0,125	0,316
CHR1	16644297	CHR1:16644297	SSF x Near_LoA	-6,06947907	-0,204	0,311
CHR1	16652636	CHR1:16652636	SSF x Near_LoA	-11,2241882	0,022	0,310
CHR1	1668689	CHR1:1668689	SSF x Near_LoA	-8,45802053	-0,107	0,302
CHR1	16687863	CHR1:16687863	SSF x Near_LoA	-8,38365942	-0,055	0,302
CHR1	16696323	CHR1:16696323	SSF x Near_LoA	-8,85178731	0,075	0,302
CHR1	16700092	CHR1:16700092	SSF x Near_LoA	-8,75791313	0,053	0,307
CHR1	1673134	CHR1:1673134	SSF x Near_LoA	-11,7538812	-0,035	0,306
CHR1	1673257	CHR1:1673257	SSF x Near_LoA	-10,5879998	-0,133	0,296
CHR1	1673278	CHR1:1673278	SSF x Near_LoA	-10,9288405	-0,011	0,305
CHR1	1673367	CHR1:1673367	SSF x Near_LoA	-10,0166077	0,071	0,299
CHR1	16734408	CHR1:16734408	SSF x Near_LoA	-8,26900071	0,026	0,308
CHR1	16754	CHR1:16754	SSF x Near_LoA	-9,44948195	0,030	0,324
CHR1	16762152	CHR1:16762152	SSF x Near_LoA	-9,8785627	-0,082	0,309
CHR1	167649	CHR1:167649	SSF x Near_LoA	-10,7992287	-0,018	0,308
CHR1	16771957	CHR1:16771957	SSF x Near_LoA	-7,2853831	0,026	0,308
CHR1	16777980	CHR1:16777980	SSF x Near_LoA	-9,09724399	-0,090	0,304

CHR1	16782277	CHR1:16782277	SSF x Near_LoA	-9,98400767	-0,035	0,305
CHR1	16789911	CHR1:16789911	SSF x Near_LoA	-9,15220212	0,029	0,318
CHR1	16811567	CHR1:16811567	SSF x Near_LoA	-10,0305687	0,060	0,306
CHR1	16811568	CHR1:16811568	SSF x Near_LoA	-9,56457854	0,060	0,301
CHR1	16811735	CHR1:16811735	SSF x Near_LoA	-7,60967844	-0,021	0,315
CHR1	16811805	CHR1:16811805	SSF x Near_LoA	-7,72107724	0,066	0,300
CHR1	16815802	CHR1:16815802	SSF x Near_LoA	-6,87626158	0,094	0,306
CHR1	16817969	CHR1:16817969	SSF x Near_LoA	-10,5615206	0,026	0,303
CHR1	16818055	CHR1:16818055	SSF x Near_LoA	-8,69479747	-0,033	0,305
CHR1	16823392	CHR1:16823392	SSF x Near_LoA	-9,65236018	-0,072	0,298
CHR1	16823478	CHR1:16823478	SSF x Near_LoA	-7,19126932	0,056	0,319
CHR1	16823495	CHR1:16823495	SSF x Near_LoA	-8,02881035	0,026	0,304
CHR1	16843864	CHR1:16843864	SSF x Near_LoA	-7,86901304	0,040	0,313
CHR1	16844831	CHR1:16844831	SSF x Near_LoA	-9,67807535	-0,041	0,319
CHR1	16850307	CHR1:16850307	SSF x Near_LoA	-11,3159961	0,049	0,301
CHR1	16850353	CHR1:16850353	SSF x Near_LoA	-8,20219178	-0,025	0,305
CHR1	16860494	CHR1:16860494	SSF x Near_LoA	-9,09048773	0,013	0,318
CHR1	16862421	CHR1:16862421	SSF x Near_LoA	-10,7978841	0,032	0,311
CHR1	16870854	CHR1:16870854	SSF x Near_LoA	-10,6326063	-0,143	0,291
CHR1	16880667	CHR1:16880667	SSF x Near_LoA	-7,76685334	0,093	0,306
CHR1	16882298	CHR1:16882298	SSF x Near_LoA	-7,25218664	0,022	0,307
CHR1	16898822	CHR1:16898822	SSF x Near_LoA	-8,48005763	-0,051	0,311
CHR1	16903695	CHR1:16903695	SSF x Near_LoA	-10,3810399	0,064	0,309
CHR1	16903818	CHR1:16903818	SSF x Near_LoA	-9,91345612	-0,031	0,313
CHR1	16927351	CHR1:16927351	SSF x Near_LoA	-8,40911892	-0,004	0,305
CHR1	1696495	CHR1:1696495	SSF x Near_LoA	-8,56185891	0,109	0,301
CHR1	16969551	CHR1:16969551	SSF x Near_LoA	-9,88353233	-0,005	0,307
CHR1	16969703	CHR1:16969703	SSF x Near_LoA	-10,0137393	-0,007	0,314
CHR1	17002117	CHR1:17002117	SSF x Near_LoA	-7,73131197	0,082	0,318
CHR1	17002266	CHR1:17002266	SSF x Near_LoA	-8,30433704	-0,102	0,307
CHR1	17012587	CHR1:17012587	SSF x Near_LoA	0,18993459	-0,035	0,307
CHR1	17012596	CHR1:17012596	SSF x Near_LoA	-8,99784449	-0,126	0,303
CHR1	17012686	CHR1:17012686	SSF x Near_LoA	-8,23356892	-0,094	0,304
CHR1	17012737	CHR1:17012737	SSF x Near_LoA	-10,5230619	0,037	0,296
CHR1	17041728	CHR1:17041728	SSF x Near_LoA	-10,6260908	-0,047	0,303
CHR1	17041779	CHR1:17041779	SSF x Near_LoA	-10,1653954	-0,042	0,308
CHR1	17044857	CHR1:17044857	SSF x Near_LoA	-7,29906009	0,069	0,319
CHR1	17053669	CHR1:17053669	SSF x Near_LoA	-8,3088691	0,150	0,306
CHR1	17058484	CHR1:17058484	SSF x Near_LoA	-7,25435297	-0,075	0,309
CHR1	17058518	CHR1:17058518	SSF x Near_LoA	-7,49524339	-0,108	0,300
CHR1	17058533	CHR1:17058533	SSF x Near_LoA	-8,16953344	-0,093	0,301
CHR1	17067578	CHR1:17067578	SSF x Near_LoA	-8,81234908	0,004	0,311
CHR1	17067702	CHR1:17067702	SSF x Near_LoA	-10,5741049	0,070	0,304
CHR1	17073496	CHR1:17073496	SSF x Near_LoA	-6,28348811	0,174	0,283
CHR1	17073612	CHR1:17073612	SSF x Near_LoA	-10,0180854	-0,016	0,316
CHR1	1707965	CHR1:1707965	SSF x Near_LoA	-7,3884456	-0,047	0,310
CHR1	1708088	CHR1:1708088	SSF x Near_LoA	-9,76586117	0,096	0,301
CHR1	1708092	CHR1:1708092	SSF x Near_LoA	-9,03287556	0,112	0,315
CHR1	1708146	CHR1:1708146	SSF x Near_LoA	-11,9717625	-0,050	0,294
CHR1	1708168	CHR1:1708168	SSF x Near_LoA	-8,61627986	0,065	0,298
CHR1	17086597	CHR1:17086597	SSF x Near_LoA	-9,17410825	0,003	0,290
CHR1	17086598	CHR1:17086598	SSF x Near_LoA	-8,92099325	0,016	0,301
CHR1	17086711	CHR1:17086711	SSF x Near_LoA	-8,15135132	-0,034	0,308

CHR1	17091059	CHR1:17091059	SSF x Near_LoA	-8,57830085	-0,052	0,291
CHR1	17091187	CHR1:17091187	SSF x Near_LoA	-11,1878455	-0,018	0,294
CHR1	17098543	CHR1:17098543	SSF x Near_LoA	-5,51750979	0,046	0,309
CHR1	17101531	CHR1:17101531	SSF x Near_LoA	-11,0242705	0,015	0,318
CHR1	17101578	CHR1:17101578	SSF x Near_LoA	-7,43652553	0,154	0,301
CHR1	17101621	CHR1:17101621	SSF x Near_LoA	-8,6865398	0,059	0,311
CHR1	17101635	CHR1:17101635	SSF x Near_LoA	-8,69286079	0,039	0,298
CHR1	17101638	CHR1:17101638	SSF x Near_LoA	-7,04961816	-0,003	0,314
CHR1	17101697	CHR1:17101697	SSF x Near_LoA	-10,0612073	0,133	0,303
CHR1	17108574	CHR1:17108574	SSF x Near_LoA	-5,93708182	-0,264	0,292
CHR1	17108582	CHR1:17108582	SSF x Near_LoA	-9,95698842	0,089	0,312
CHR1	17108620	CHR1:17108620	SSF x Near_LoA	-5,96712903	-0,153	0,299
CHR1	17108637	CHR1:17108637	SSF x Near_LoA	1,3566608	-0,178	0,303
CHR1	17108641	CHR1:17108641	SSF x Near_LoA	-10,8292527	-0,064	0,293
CHR1	17109328	CHR1:17109328	SSF x Near_LoA	-7,97690105	-0,084	0,295
CHR1	1712796	CHR1:1712796	SSF x Near_LoA	-9,86932103	0,093	0,311
CHR1	1712864	CHR1:1712864	SSF x Near_LoA	-8,42037085	0,144	0,303
CHR1	1712962	CHR1:1712962	SSF x Near_LoA	-10,4655631	0,014	0,319
CHR1	1713012	CHR1:1713012	SSF x Near_LoA	-9,34413867	-0,098	0,313
CHR1	17142221	CHR1:17142221	SSF x Near_LoA	-0,92596289	0,140	0,289
CHR1	17143260	CHR1:17143260	SSF x Near_LoA	-6,60821305	0,007	0,307
CHR1	17143275	CHR1:17143275	SSF x Near_LoA	-10,4065516	0,020	0,305
CHR1	17143320	CHR1:17143320	SSF x Near_LoA	-9,90783627	0,013	0,318
CHR1	17143333	CHR1:17143333	SSF x Near_LoA	-10,8955113	-0,012	0,313
CHR1	17143335	CHR1:17143335	SSF x Near_LoA	-6,46804427	-0,160	0,305
CHR1	17143380	CHR1:17143380	SSF x Near_LoA	-10,2523564	-0,138	0,296
CHR1	17171927	CHR1:17171927	SSF x Near_LoA	-8,9467607	-0,064	0,315
CHR1	17172006	CHR1:17172006	SSF x Near_LoA	-7,89899996	-0,049	0,312
CHR1	17172007	CHR1:17172007	SSF x Near_LoA	-3,40056142	0,000	0,302
CHR1	17172115	CHR1:17172115	SSF x Near_LoA	-9,82213658	-0,033	0,316
CHR1	17172263	CHR1:17172263	SSF x Near_LoA	-10,0292102	0,120	0,303
CHR1	1717663	CHR1:1717663	SSF x Near_LoA	-10,9100818	-0,095	0,310
CHR1	1717704	CHR1:1717704	SSF x Near_LoA	-11,4804987	0,142	0,298
CHR1	1717720	CHR1:1717720	SSF x Near_LoA	-8,62941336	0,030	0,317
CHR1	1717811	CHR1:1717811	SSF x Near_LoA	-9,04589868	-0,078	0,294
CHR1	17197063	CHR1:17197063	SSF x Near_LoA	-7,98912128	0,025	0,325
CHR1	17197087	CHR1:17197087	SSF x Near_LoA	-9,54316802	0,094	0,319
CHR1	17197110	CHR1:17197110	SSF x Near_LoA	-4,12328716	0,077	0,311
CHR1	17197309	CHR1:17197309	SSF x Near_LoA	-7,89272293	0,019	0,322
CHR1	17199663	CHR1:17199663	SSF x Near_LoA	-9,12881049	0,064	0,312
CHR1	17199684	CHR1:17199684	SSF x Near_LoA	-11,1605796	0,005	0,313
CHR1	17199686	CHR1:17199686	SSF x Near_LoA	-6,82135311	0,136	0,300
CHR1	17199735	CHR1:17199735	SSF x Near_LoA	-9,70487099	0,088	0,300
CHR1	17199764	CHR1:17199764	SSF x Near_LoA	-7,42973996	0,099	0,303
CHR1	17217082	CHR1:17217082	SSF x Near_LoA	-8,34559322	0,140	0,304
CHR1	17217261	CHR1:17217261	SSF x Near_LoA	-5,93949177	-0,125	0,298
CHR1	17219881	CHR1:17219881	SSF x Near_LoA	-8,20413182	0,167	0,296
CHR1	17219973	CHR1:17219973	SSF x Near_LoA	-9,26141995	-0,024	0,318
CHR1	17225842	CHR1:17225842	SSF x Near_LoA	-7,21737764	0,010	0,312
CHR1	17225861	CHR1:17225861	SSF x Near_LoA	-7,77613796	0,000	0,304
CHR1	17230301	CHR1:17230301	SSF x Near_LoA	-9,93072752	0,088	0,311
CHR1	17230611	CHR1:17230611	SSF x Near_LoA	-9,80272424	0,006	0,301
CHR1	17238879	CHR1:17238879	SSF x Near_LoA	-7,82964486	-0,035	0,304

CHR1	17240394	CHR1:17240394	SSF x Near_LoA	-8,21082379	-0,091	0,318
CHR1	17240403	CHR1:17240403	SSF x Near_LoA	-7,51656984	-0,084	0,301
CHR1	17249555	CHR1:17249555	SSF x Near_LoA	-5,07839689	-0,041	0,314
CHR1	17249625	CHR1:17249625	SSF x Near_LoA	-10,4522135	-0,025	0,295
CHR1	17249650	CHR1:17249650	SSF x Near_LoA	-5,66465381	-0,057	0,312
CHR1	17249664	CHR1:17249664	SSF x Near_LoA	-9,88167918	-0,024	0,307
CHR1	17249708	CHR1:17249708	SSF x Near_LoA	-7,57742379	0,021	0,307
CHR1	17250707	CHR1:17250707	SSF x Near_LoA	-11,0458052	-0,086	0,301
CHR1	17250720	CHR1:17250720	SSF x Near_LoA	-10,2965911	0,059	0,326
CHR1	17250724	CHR1:17250724	SSF x Near_LoA	-10,0680511	-0,115	0,315
CHR1	17250778	CHR1:17250778	SSF x Near_LoA	-9,06297173	0,159	0,302
CHR1	17250810	CHR1:17250810	SSF x Near_LoA	-5,63344943	0,052	0,320
CHR1	17250825	CHR1:17250825	SSF x Near_LoA	-8,97905206	0,065	0,315
CHR1	17265725	CHR1:17265725	SSF x Near_LoA	-11,8304581	-0,007	0,308
CHR1	17265731	CHR1:17265731	SSF x Near_LoA	-11,4168647	0,016	0,309
CHR1	17265745	CHR1:17265745	SSF x Near_LoA	-10,1992437	0,118	0,292
CHR1	17265791	CHR1:17265791	SSF x Near_LoA	-10,3457387	-0,042	0,315
CHR1	17265806	CHR1:17265806	SSF x Near_LoA	-11,9818471	0,008	0,311
CHR1	17265823	CHR1:17265823	SSF x Near_LoA	-11,3536277	-0,004	0,306
CHR1	17265868	CHR1:17265868	SSF x Near_LoA	-11,5923402	0,091	0,310
CHR1	17265883	CHR1:17265883	SSF x Near_LoA	-10,4486752	-0,009	0,307
CHR1	17265895	CHR1:17265895	SSF x Near_LoA	-11,869996	-0,004	0,290
CHR1	17265909	CHR1:17265909	SSF x Near_LoA	-10,9686287	0,002	0,311
CHR1	17265943	CHR1:17265943	SSF x Near_LoA	-8,3504975	0,037	0,313
CHR1	17265959	CHR1:17265959	SSF x Near_LoA	-11,0782019	0,090	0,299
CHR1	17265986	CHR1:17265986	SSF x Near_LoA	-10,775973	0,001	0,308
CHR1	17281793	CHR1:17281793	SSF x Near_LoA	-8,44307769	-0,051	0,299
CHR1	17281806	CHR1:17281806	SSF x Near_LoA	-9,20619833	-0,037	0,297
CHR1	17281953	CHR1:17281953	SSF x Near_LoA	-9,49670593	0,018	0,315
CHR1	17281968	CHR1:17281968	SSF x Near_LoA	-8,98601474	-0,002	0,310
CHR1	17283855	CHR1:17283855	SSF x Near_LoA	-7,01024624	-0,135	0,309
CHR1	17288507	CHR1:17288507	SSF x Near_LoA	-7,09430062	0,032	0,308
CHR1	17289963	CHR1:17289963	SSF x Near_LoA	-11,5121575	-0,007	0,307
CHR1	17290008	CHR1:17290008	SSF x Near_LoA	-6,79387042	-0,044	0,295
CHR1	17290017	CHR1:17290017	SSF x Near_LoA	-4,61924843	-0,068	0,312
CHR1	17290097	CHR1:17290097	SSF x Near_LoA	-9,23091685	0,095	0,304
CHR1	17290104	CHR1:17290104	SSF x Near_LoA	-7,54102381	-0,058	0,297
CHR1	17290125	CHR1:17290125	SSF x Near_LoA	-9,72855234	-0,052	0,296
CHR1	17299720	CHR1:17299720	SSF x Near_LoA	-9,00339685	-0,028	0,313
CHR1	17300233	CHR1:17300233	SSF x Near_LoA	-8,74155404	-0,141	0,303
CHR1	17300298	CHR1:17300298	SSF x Near_LoA	-8,72440428	-0,028	0,308
CHR1	17300326	CHR1:17300326	SSF x Near_LoA	-9,37596094	0,008	0,303
CHR1	17300327	CHR1:17300327	SSF x Near_LoA	-9,69016163	-0,030	0,297
CHR1	1730798	CHR1:1730798	SSF x Near_LoA	-6,10010147	-0,095	0,317
CHR1	1730819	CHR1:1730819	SSF x Near_LoA	-9,57293117	-0,069	0,302
CHR1	17318314	CHR1:17318314	SSF x Near_LoA	-11,3377369	0,025	0,301
CHR1	17318394	CHR1:17318394	SSF x Near_LoA	-10,595907	-0,015	0,306
CHR1	17318413	CHR1:17318413	SSF x Near_LoA	-10,566532	-0,141	0,303
CHR1	17318437	CHR1:17318437	SSF x Near_LoA	-10,2817888	0,006	0,315
CHR1	17318460	CHR1:17318460	SSF x Near_LoA	-8,27570948	-0,134	0,295
CHR1	17318490	CHR1:17318490	SSF x Near_LoA	-10,7124196	0,048	0,302
CHR1	1732856	CHR1:1732856	SSF x Near_LoA	-7,54425773	0,160	0,309
CHR1	1733033	CHR1:1733033	SSF x Near_LoA	-7,6161111	-0,061	0,312

CHR1	1733077	CHR1:1733077	SSF x Near_LoA	-7,98436351	-0,025	0,315
CHR1	17335931	CHR1:17335931	SSF x Near_LoA	-6,85998267	0,127	0,301
CHR1	17347692	CHR1:17347692	SSF x Near_LoA	-9,15657985	0,060	0,305
CHR1	17347717	CHR1:17347717	SSF x Near_LoA	-10,1417958	-0,015	0,301
CHR1	17347732	CHR1:17347732	SSF x Near_LoA	-8,86501032	0,001	0,305
CHR1	17350877	CHR1:17350877	SSF x Near_LoA	-9,84878203	0,027	0,314
CHR1	17351012	CHR1:17351012	SSF x Near_LoA	-9,50614548	-0,003	0,324
CHR1	1735146	CHR1:1735146	SSF x Near_LoA	-9,72452805	0,104	0,301
CHR1	1735152	CHR1:1735152	SSF x Near_LoA	-10,6237528	0,029	0,316
CHR1	1735232	CHR1:1735232	SSF x Near_LoA	-8,37709871	0,032	0,326
CHR1	17355484	CHR1:17355484	SSF x Near_LoA	-9,20770274	0,058	0,310
CHR1	17355497	CHR1:17355497	SSF x Near_LoA	-9,17685894	0,092	0,306
CHR1	17355533	CHR1:17355533	SSF x Near_LoA	-7,61528231	-0,156	0,288
CHR1	17355586	CHR1:17355586	SSF x Near_LoA	-6,67304528	0,097	0,294
CHR1	17361726	CHR1:17361726	SSF x Near_LoA	-8,00429379	0,027	0,310
CHR1	17361865	CHR1:17361865	SSF x Near_LoA	-10,8834787	-0,007	0,292
CHR1	17373343	CHR1:17373343	SSF x Near_LoA	-10,0658185	-0,023	0,294
CHR1	1739164	CHR1:1739164	SSF x Near_LoA	-11,4357482	0,037	0,300
CHR1	1739174	CHR1:1739174	SSF x Near_LoA	-11,5103552	0,022	0,312
CHR1	1739180	CHR1:1739180	SSF x Near_LoA	-8,45210062	-0,119	0,312
CHR1	17394099	CHR1:17394099	SSF x Near_LoA	-8,01072944	-0,048	0,299
CHR1	17394205	CHR1:17394205	SSF x Near_LoA	-9,97235541	-0,009	0,306
CHR1	17394250	CHR1:17394250	SSF x Near_LoA	-11,7860204	0,017	0,305
CHR1	1739448	CHR1:1739448	SSF x Near_LoA	-8,58455497	0,000	0,315
CHR1	1739466	CHR1:1739466	SSF x Near_LoA	-5,62516019	-0,124	0,324
CHR1	17415427	CHR1:17415427	SSF x Near_LoA	-9,71686106	0,081	0,307
CHR1	17415517	CHR1:17415517	SSF x Near_LoA	-7,22659632	0,006	0,335
CHR1	17415539	CHR1:17415539	SSF x Near_LoA	-8,93744168	-0,032	0,294
CHR1	17416128	CHR1:17416128	SSF x Near_LoA	-9,11091314	-0,084	0,302
CHR1	17416135	CHR1:17416135	SSF x Near_LoA	-10,2257441	0,004	0,306
CHR1	17416241	CHR1:17416241	SSF x Near_LoA	-8,4332695	0,009	0,301
CHR1	17433147	CHR1:17433147	SSF x Near_LoA	-10,4671928	0,006	0,305
CHR1	17433161	CHR1:17433161	SSF x Near_LoA	-8,23610877	-0,040	0,314
CHR1	17433198	CHR1:17433198	SSF x Near_LoA	-11,1966955	-0,004	0,295
CHR1	17437973	CHR1:17437973	SSF x Near_LoA	-6,18204679	0,161	0,303
CHR1	17438703	CHR1:17438703	SSF x Near_LoA	-4,9801234	-0,133	0,287
CHR1	17454235	CHR1:17454235	SSF x Near_LoA	-8,35802563	0,125	0,312
CHR1	17454301	CHR1:17454301	SSF x Near_LoA	-9,19154153	0,038	0,303
CHR1	17454437	CHR1:17454437	SSF x Near_LoA	-9,69109319	-0,114	0,314
CHR1	17454511	CHR1:17454511	SSF x Near_LoA	-8,98423381	0,063	0,301
CHR1	174570	CHR1:174570	SSF x Near_LoA	-8,39115383	0,045	0,303
CHR1	17458486	CHR1:17458486	SSF x Near_LoA	-10,2792975	-0,027	0,309
CHR1	17458812	CHR1:17458812	SSF x Near_LoA	-8,71446613	-0,026	0,294
CHR1	17463484	CHR1:17463484	SSF x Near_LoA	-10,1273325	0,048	0,294
CHR1	17463485	CHR1:17463485	SSF x Near_LoA	-9,70877277	0,032	0,314
CHR1	174670	CHR1:174670	SSF x Near_LoA	-10,3717525	0,020	0,310
CHR1	17468167	CHR1:17468167	SSF x Near_LoA	-9,27837181	0,020	0,298
CHR1	17468257	CHR1:17468257	SSF x Near_LoA	-8,42395214	-0,058	0,312
CHR1	17468267	CHR1:17468267	SSF x Near_LoA	-10,5097472	-0,041	0,306
CHR1	17468277	CHR1:17468277	SSF x Near_LoA	-8,96003189	-0,115	0,312
CHR1	17468287	CHR1:17468287	SSF x Near_LoA	-10,3422203	-0,097	0,305
CHR1	17468299	CHR1:17468299	SSF x Near_LoA	-11,2290299	-0,059	0,303
CHR1	17481909	CHR1:17481909	SSF x Near_LoA	-10,6678119	-0,002	0,307

CHR1	17484681	CHR1:17484681	SSF x Near_LoA	-9,31580405	0,067	0,295
CHR1	17484782	CHR1:17484782	SSF x Near_LoA	-7,27359558	-0,116	0,301
CHR1	17487438	CHR1:17487438	SSF x Near_LoA	-5,20886001	-0,074	0,325
CHR1	17487469	CHR1:17487469	SSF x Near_LoA	-11,5384116	0,077	0,310
CHR1	17487505	CHR1:17487505	SSF x Near_LoA	-11,8558616	-0,007	0,313
CHR1	17492596	CHR1:17492596	SSF x Near_LoA	4,09783713	-0,022	0,316
CHR1	17492624	CHR1:17492624	SSF x Near_LoA	-9,20785161	-0,127	0,308
CHR1	17492648	CHR1:17492648	SSF x Near_LoA	-8,50836697	-0,166	0,305
CHR1	17492691	CHR1:17492691	SSF x Near_LoA	-8,00817236	0,105	0,301
CHR1	17523620	CHR1:17523620	SSF x Near_LoA	-5,91738388	0,058	0,313
CHR1	17523644	CHR1:17523644	SSF x Near_LoA	-9,98356356	-0,035	0,315
CHR1	17523646	CHR1:17523646	SSF x Near_LoA	-11,2395341	-0,011	0,305
CHR1	17526751	CHR1:17526751	SSF x Near_LoA	-7,19953159	0,063	0,305
CHR1	17529845	CHR1:17529845	SSF x Near_LoA	-11,2688326	0,108	0,298
CHR1	17532637	CHR1:17532637	SSF x Near_LoA	-9,49194002	0,079	0,301
CHR1	1753275	CHR1:1753275	SSF x Near_LoA	-10,8937101	0,083	0,293
CHR1	17532754	CHR1:17532754	SSF x Near_LoA	-10,2682434	-0,017	0,313
CHR1	1753354	CHR1:1753354	SSF x Near_LoA	-10,0925519	0,085	0,308
CHR1	17536038	CHR1:17536038	SSF x Near_LoA	-9,03670172	0,100	0,313
CHR1	17536106	CHR1:17536106	SSF x Near_LoA	-8,20679848	-0,048	0,318
CHR1	17536160	CHR1:17536160	SSF x Near_LoA	-7,79212296	-0,059	0,305
CHR1	17536190	CHR1:17536190	SSF x Near_LoA	-8,23582665	-0,113	0,310
CHR1	17536201	CHR1:17536201	SSF x Near_LoA	-7,73584694	-0,119	0,315
CHR1	17536208	CHR1:17536208	SSF x Near_LoA	-5,42215049	-0,143	0,308
CHR1	17536225	CHR1:17536225	SSF x Near_LoA	-8,18860177	-0,132	0,308
CHR1	17538551	CHR1:17538551	SSF x Near_LoA	-5,94781739	0,109	0,314
CHR1	1754989	CHR1:1754989	SSF x Near_LoA	-10,2959863	0,111	0,308
CHR1	17551392	CHR1:17551392	SSF x Near_LoA	-9,14769293	0,076	0,301
CHR1	17551412	CHR1:17551412	SSF x Near_LoA	-8,78485575	-0,082	0,304
CHR1	17551423	CHR1:17551423	SSF x Near_LoA	-6,81160538	0,093	0,310
CHR1	1756101	CHR1:1756101	SSF x Near_LoA	3,96122268	-0,039	0,302
CHR1	1756118	CHR1:1756118	SSF x Near_LoA	-10,9700385	-0,033	0,312
CHR1	1756131	CHR1:1756131	SSF x Near_LoA	-11,0183293	-0,039	0,325
CHR1	1756135	CHR1:1756135	SSF x Near_LoA	-8,32913858	-0,071	0,313
CHR1	1756189	CHR1:1756189	SSF x Near_LoA	-11,3172913	0,060	0,299
CHR1	17565252	CHR1:17565252	SSF x Near_LoA	-9,0758807	0,059	0,308
CHR1	17570823	CHR1:17570823	SSF x Near_LoA	-10,1229327	0,054	0,306
CHR1	17576131	CHR1:17576131	SSF x Near_LoA	-10,0634184	0,092	0,314
CHR1	17585320	CHR1:17585320	SSF x Near_LoA	-11,7051448	0,049	0,309
CHR1	17586318	CHR1:17586318	SSF x Near_LoA	-4,21353924	0,051	0,310
CHR1	17593245	CHR1:17593245	SSF x Near_LoA	-10,5605891	-0,075	0,299
CHR1	17597627	CHR1:17597627	SSF x Near_LoA	-8,66395899	0,046	0,309
CHR1	17600766	CHR1:17600766	SSF x Near_LoA	-10,5175252	0,010	0,297
CHR1	17600907	CHR1:17600907	SSF x Near_LoA	-11,632341	-0,065	0,312
CHR1	17612348	CHR1:17612348	SSF x Near_LoA	-9,58237494	0,054	0,310
CHR1	17616933	CHR1:17616933	SSF x Near_LoA	-10,3782516	-0,082	0,314
CHR1	17617575	CHR1:17617575	SSF x Near_LoA	-10,4621024	-0,104	0,302
CHR1	17629057	CHR1:17629057	SSF x Near_LoA	-4,40281202	-0,123	0,302
CHR1	17629062	CHR1:17629062	SSF x Near_LoA	-8,36367927	-0,127	0,281
CHR1	17629086	CHR1:17629086	SSF x Near_LoA	-9,18894603	-0,133	0,306
CHR1	17629140	CHR1:17629140	SSF x Near_LoA	-11,5079688	0,046	0,306
CHR1	17629150	CHR1:17629150	SSF x Near_LoA	-9,17445153	0,109	0,316
CHR1	17629188	CHR1:17629188	SSF x Near_LoA	-6,3094882	-0,011	0,309

CHR1	17629191	CHR1:17629191	SSF x Near_LoA	-4,70234463	-0,211	0,303
CHR1	17634573	CHR1:17634573	SSF x Near_LoA	-8,21406189	-0,192	0,306
CHR1	17634654	CHR1:17634654	SSF x Near_LoA	-11,2226799	0,018	0,297
CHR1	17636491	CHR1:17636491	SSF x Near_LoA	-9,56620312	0,010	0,316
CHR1	17655961	CHR1:17655961	SSF x Near_LoA	-12,1691325	0,048	0,293
CHR1	17656106	CHR1:17656106	SSF x Near_LoA	-10,8549314	-0,031	0,309
CHR1	17657073	CHR1:17657073	SSF x Near_LoA	-11,4300478	-0,089	0,305
CHR1	17657153	CHR1:17657153	SSF x Near_LoA	-9,32010246	0,076	0,314
CHR1	17666055	CHR1:17666055	SSF x Near_LoA	-10,1764998	-0,055	0,308
CHR1	17666059	CHR1:17666059	SSF x Near_LoA	-10,4739498	-0,053	0,317
CHR1	17666088	CHR1:17666088	SSF x Near_LoA	-7,50892789	-0,065	0,312
CHR1	17675701	CHR1:17675701	SSF x Near_LoA	-8,89514954	0,158	0,301
CHR1	17675736	CHR1:17675736	SSF x Near_LoA	-9,95086925	-0,025	0,292
CHR1	17707149	CHR1:17707149	SSF x Near_LoA	-2,2694036	-0,113	0,301
CHR1	17707420	CHR1:17707420	SSF x Near_LoA	-10,8022659	0,032	0,299
CHR1	17721376	CHR1:17721376	SSF x Near_LoA	-10,585049	0,069	0,304
CHR1	17721415	CHR1:17721415	SSF x Near_LoA	-10,7709102	-0,038	0,305
CHR1	17721932	CHR1:17721932	SSF x Near_LoA	-10,7817397	0,018	0,318
CHR1	17746868	CHR1:17746868	SSF x Near_LoA	-10,6051006	0,012	0,305
CHR1	17746888	CHR1:17746888	SSF x Near_LoA	-8,50108207	0,059	0,304
CHR1	17751231	CHR1:17751231	SSF x Near_LoA	-6,00585655	-0,041	0,312
CHR1	1775807	CHR1:1775807	SSF x Near_LoA	-9,10097771	0,036	0,306
CHR1	1775998	CHR1:1775998	SSF x Near_LoA	-11,0650389	-0,045	0,308
CHR1	17767081	CHR1:17767081	SSF x Near_LoA	-10,6637969	0,085	0,304
CHR1	17767315	CHR1:17767315	SSF x Near_LoA	-9,85910044	0,079	0,295
CHR1	17767328	CHR1:17767328	SSF x Near_LoA	-9,14288622	0,084	0,301
CHR1	17767344	CHR1:17767344	SSF x Near_LoA	-10,1288357	0,062	0,297
CHR1	17767399	CHR1:17767399	SSF x Near_LoA	-8,72825726	0,080	0,302
CHR1	17773922	CHR1:17773922	SSF x Near_LoA	-7,43245641	-0,101	0,303
CHR1	1777467	CHR1:1777467	SSF x Near_LoA	-11,0440936	-0,010	0,301
CHR1	1777510	CHR1:1777510	SSF x Near_LoA	-5,35518194	-0,053	0,303
CHR1	1777707	CHR1:1777707	SSF x Near_LoA	-9,06174912	-0,012	0,310
CHR1	1777756	CHR1:1777756	SSF x Near_LoA	-11,1661304	-0,053	0,303
CHR1	1777762	CHR1:1777762	SSF x Near_LoA	-7,49255819	-0,101	0,300
CHR1	17782511	CHR1:17782511	SSF x Near_LoA	-8,30452796	-0,158	0,301
CHR1	17782540	CHR1:17782540	SSF x Near_LoA	-5,27727344	-0,025	0,318
CHR1	17782591	CHR1:17782591	SSF x Near_LoA	-9,49071746	-0,019	0,304
CHR1	17785242	CHR1:17785242	SSF x Near_LoA	-11,4223753	-0,035	0,316
CHR1	17804811	CHR1:17804811	SSF x Near_LoA	0,9611707	-0,064	0,326
CHR1	17804870	CHR1:17804870	SSF x Near_LoA	-9,54936598	-0,047	0,308
CHR1	17804916	CHR1:17804916	SSF x Near_LoA	-11,7633708	0,000	0,315
CHR1	17804950	CHR1:17804950	SSF x Near_LoA	-10,7657411	-0,028	0,302
CHR1	17805013	CHR1:17805013	SSF x Near_LoA	-12,0767284	-0,027	0,310
CHR1	17805040	CHR1:17805040	SSF x Near_LoA	-9,47859825	-0,050	0,304
CHR1	17807126	CHR1:17807126	SSF x Near_LoA	-9,41120078	0,022	0,309
CHR1	17808852	CHR1:17808852	SSF x Near_LoA	-9,57522835	0,033	0,311
CHR1	17810503	CHR1:17810503	SSF x Near_LoA	-9,17608221	-0,103	0,320
CHR1	17820075	CHR1:17820075	SSF x Near_LoA	-10,7445257	-0,081	0,303
CHR1	17822739	CHR1:17822739	SSF x Near_LoA	-11,594205	-0,027	0,315
CHR1	17823157	CHR1:17823157	SSF x Near_LoA	-9,37107484	-0,010	0,313
CHR1	17828939	CHR1:17828939	SSF x Near_LoA	-11,0829687	-0,010	0,306
CHR1	17828973	CHR1:17828973	SSF x Near_LoA	-5,15667918	-0,152	0,299
CHR1	17828993	CHR1:17828993	SSF x Near_LoA	-8,77777555	0,002	0,321

CHR1	17829004	CHR1:17829004	SSF x Near_LoA	-5,0554431	0,090	0,313
CHR1	17829035	CHR1:17829035	SSF x Near_LoA	-9,32411295	-0,108	0,309
CHR1	1783551	CHR1:1783551	SSF x Near_LoA	-6,00448249	0,087	0,300
CHR1	1783701	CHR1:1783701	SSF x Near_LoA	-8,54733098	0,056	0,294
CHR1	1783710	CHR1:1783710	SSF x Near_LoA	-9,68514892	-0,001	0,295
CHR1	17839841	CHR1:17839841	SSF x Near_LoA	-10,7378519	0,139	0,300
CHR1	17845948	CHR1:17845948	SSF x Near_LoA	-3,03885781	0,021	0,308
CHR1	17845986	CHR1:17845986	SSF x Near_LoA	-11,6946871	-0,048	0,305
CHR1	17845989	CHR1:17845989	SSF x Near_LoA	-11,1753388	0,009	0,310
CHR1	17846041	CHR1:17846041	SSF x Near_LoA	-6,70609203	-0,055	0,309
CHR1	17846072	CHR1:17846072	SSF x Near_LoA	-10,0320224	-0,002	0,307
CHR1	17863731	CHR1:17863731	SSF x Near_LoA	-9,70407108	-0,029	0,304
CHR1	17863823	CHR1:17863823	SSF x Near_LoA	-11,8915994	0,020	0,307
CHR1	17863860	CHR1:17863860	SSF x Near_LoA	-5,98588142	0,056	0,314
CHR1	17863944	CHR1:17863944	SSF x Near_LoA	-8,57939626	-0,086	0,308
CHR1	17863961	CHR1:17863961	SSF x Near_LoA	-7,09863418	-0,176	0,294
CHR1	17863994	CHR1:17863994	SSF x Near_LoA	-6,37934607	-0,181	0,302
CHR1	17880648	CHR1:17880648	SSF x Near_LoA	-10,3812054	-0,024	0,318
CHR1	17880660	CHR1:17880660	SSF x Near_LoA	-10,4493632	0,090	0,297
CHR1	17880724	CHR1:17880724	SSF x Near_LoA	-9,00304777	-0,048	0,311
CHR1	1788115	CHR1:1788115	SSF x Near_LoA	-11,6370336	0,049	0,289
CHR1	1788237	CHR1:1788237	SSF x Near_LoA	-6,82681665	0,047	0,294
CHR1	17883372	CHR1:17883372	SSF x Near_LoA	-9,61910137	0,013	0,320
CHR1	17891779	CHR1:17891779	SSF x Near_LoA	-10,7931396	-0,096	0,309
CHR1	17892729	CHR1:17892729	SSF x Near_LoA	-8,36250614	0,098	0,306
CHR1	17892946	CHR1:17892946	SSF x Near_LoA	-10,957084	-0,066	0,315
CHR1	1791368	CHR1:1791368	SSF x Near_LoA	-8,52565922	0,062	0,323
CHR1	1792486	CHR1:1792486	SSF x Near_LoA	-7,60659693	-0,004	0,311
CHR1	1792503	CHR1:1792503	SSF x Near_LoA	-9,37614078	0,004	0,313
CHR1	1792573	CHR1:1792573	SSF x Near_LoA	-11,433441	-0,093	0,307
CHR1	1792674	CHR1:1792674	SSF x Near_LoA	-6,33267375	0,054	0,306
CHR1	17937791	CHR1:17937791	SSF x Near_LoA	-7,86449654	0,012	0,309
CHR1	17937797	CHR1:17937797	SSF x Near_LoA	-9,94305822	0,113	0,304
CHR1	17937846	CHR1:17937846	SSF x Near_LoA	-9,11569169	-0,046	0,310
CHR1	17941726	CHR1:17941726	SSF x Near_LoA	-8,99986091	-0,043	0,326
CHR1	17941828	CHR1:17941828	SSF x Near_LoA	-9,55410693	0,115	0,285
CHR1	17941892	CHR1:17941892	SSF x Near_LoA	-11,1653861	0,000	0,307
CHR1	17941917	CHR1:17941917	SSF x Near_LoA	-8,73653153	-0,018	0,310
CHR1	17941936	CHR1:17941936	SSF x Near_LoA	-9,98592873	0,039	0,289
CHR1	17941948	CHR1:17941948	SSF x Near_LoA	-11,5627623	0,034	0,291
CHR1	17941951	CHR1:17941951	SSF x Near_LoA	-11,6696622	0,040	0,296
CHR1	17941952	CHR1:17941952	SSF x Near_LoA	-9,04201429	0,081	0,298
CHR1	17941958	CHR1:17941958	SSF x Near_LoA	-9,9081939	-0,017	0,314
CHR1	17941970	CHR1:17941970	SSF x Near_LoA	-11,8795031	-0,009	0,311
CHR1	17944539	CHR1:17944539	SSF x Near_LoA	-9,69808676	-0,014	0,304
CHR1	17944728	CHR1:17944728	SSF x Near_LoA	-8,28932903	-0,087	0,294
CHR1	17944729	CHR1:17944729	SSF x Near_LoA	-9,4931465	0,012	0,306
CHR1	17950039	CHR1:17950039	SSF x Near_LoA	-9,91202595	0,046	0,304
CHR1	17950326	CHR1:17950326	SSF x Near_LoA	-8,50029563	-0,024	0,306
CHR1	17950366	CHR1:17950366	SSF x Near_LoA	-4,79763661	-0,051	0,302
CHR1	1796468	CHR1:1796468	SSF x Near_LoA	3,27344246	-0,048	0,309
CHR1	1796472	CHR1:1796472	SSF x Near_LoA	-6,07054131	-0,024	0,306
CHR1	17967266	CHR1:17967266	SSF x Near_LoA	-8,05830344	-0,103	0,309

CHR1	17967307	CHR1:17967307	SSF x Near_LoA	-8,06641981	0,043	0,317
CHR1	17967308	CHR1:17967308	SSF x Near_LoA	-8,11681608	-0,061	0,288
CHR1	17967392	CHR1:17967392	SSF x Near_LoA	-11,1282684	-0,033	0,310
CHR1	17967396	CHR1:17967396	SSF x Near_LoA	-7,83272837	-0,075	0,302
CHR1	17970314	CHR1:17970314	SSF x Near_LoA	-8,1078579	0,130	0,313
CHR1	17979453	CHR1:17979453	SSF x Near_LoA	-6,77711564	-0,034	0,297
CHR1	17979542	CHR1:17979542	SSF x Near_LoA	-10,5819487	0,030	0,302
CHR1	17979633	CHR1:17979633	SSF x Near_LoA	-11,7636002	-0,081	0,297
CHR1	17982264	CHR1:17982264	SSF x Near_LoA	-6,85513729	-0,137	0,304
CHR1	17982287	CHR1:17982287	SSF x Near_LoA	-8,5214919	-0,073	0,310
CHR1	17982350	CHR1:17982350	SSF x Near_LoA	-6,17965415	-0,077	0,313
CHR1	17982358	CHR1:17982358	SSF x Near_LoA	-6,65675602	-0,049	0,310
CHR1	17983234	CHR1:17983234	SSF x Near_LoA	-11,8205724	-0,013	0,316
CHR1	18004482	CHR1:18004482	SSF x Near_LoA	-8,78846677	0,041	0,310
CHR1	18004984	CHR1:18004984	SSF x Near_LoA	-11,230132	0,053	0,298
CHR1	18005024	CHR1:18005024	SSF x Near_LoA	-7,99697766	-0,019	0,307
CHR1	18010004	CHR1:18010004	SSF x Near_LoA	-10,6538356	-0,058	0,294
CHR1	18010092	CHR1:18010092	SSF x Near_LoA	-9,82736794	0,022	0,304
CHR1	18010153	CHR1:18010153	SSF x Near_LoA	-6,96825759	-0,026	0,312
CHR1	18012706	CHR1:18012706	SSF x Near_LoA	-9,36709845	-0,018	0,296
CHR1	18012734	CHR1:18012734	SSF x Near_LoA	-9,69294952	-0,028	0,304
CHR1	18014796	CHR1:18014796	SSF x Near_LoA	-6,55575696	0,046	0,317
CHR1	18014832	CHR1:18014832	SSF x Near_LoA	-10,7477504	0,009	0,311
CHR1	18020096	CHR1:18020096	SSF x Near_LoA	-9,25195697	-0,007	0,298
CHR1	1802486	CHR1:1802486	SSF x Near_LoA	-9,4671312	0,076	0,301
CHR1	1802545	CHR1:1802545	SSF x Near_LoA	-7,55277013	0,025	0,323
CHR1	1802555	CHR1:1802555	SSF x Near_LoA	-3,44535767	-0,035	0,312
CHR1	1802651	CHR1:1802651	SSF x Near_LoA	-11,9126573	-0,063	0,316
CHR1	18026822	CHR1:18026822	SSF x Near_LoA	-10,7978664	0,038	0,302
CHR1	18026826	CHR1:18026826	SSF x Near_LoA	-9,51683727	0,065	0,313
CHR1	18026833	CHR1:18026833	SSF x Near_LoA	-9,00056689	0,005	0,303
CHR1	18027638	CHR1:18027638	SSF x Near_LoA	-8,16785246	-0,030	0,317
CHR1	18027677	CHR1:18027677	SSF x Near_LoA	-11,5888733	0,042	0,291
CHR1	18031305	CHR1:18031305	SSF x Near_LoA	-10,2562681	0,137	0,311
CHR1	18031465	CHR1:18031465	SSF x Near_LoA	-6,55757998	0,140	0,294
CHR1	18038962	CHR1:18038962	SSF x Near_LoA	-9,12822554	-0,078	0,312
CHR1	18039025	CHR1:18039025	SSF x Near_LoA	-7,54528914	-0,011	0,309
CHR1	18039033	CHR1:18039033	SSF x Near_LoA	-9,55109955	-0,003	0,303
CHR1	18039036	CHR1:18039036	SSF x Near_LoA	-11,4660277	-0,051	0,298
CHR1	18039044	CHR1:18039044	SSF x Near_LoA	-10,4592902	-0,066	0,314
CHR1	18039049	CHR1:18039049	SSF x Near_LoA	-10,790733	-0,086	0,313
CHR1	18039053	CHR1:18039053	SSF x Near_LoA	-11,054958	-0,081	0,302
CHR1	18039129	CHR1:18039129	SSF x Near_LoA	-8,88310046	-0,050	0,303
CHR1	18040245	CHR1:18040245	SSF x Near_LoA	-10,5752614	-0,031	0,304
CHR1	18040297	CHR1:18040297	SSF x Near_LoA	-10,1130399	-0,003	0,307
CHR1	18045095	CHR1:18045095	SSF x Near_LoA	-8,36453407	0,161	0,308
CHR1	18045108	CHR1:18045108	SSF x Near_LoA	-8,46877789	-0,004	0,294
CHR1	18049948	CHR1:18049948	SSF x Near_LoA	-10,4873059	0,074	0,312
CHR1	18049952	CHR1:18049952	SSF x Near_LoA	-9,18219944	0,003	0,309
CHR1	18050033	CHR1:18050033	SSF x Near_LoA	-9,22870772	0,106	0,318
CHR1	18050046	CHR1:18050046	SSF x Near_LoA	-9,23106997	0,010	0,294
CHR1	18050250	CHR1:18050250	SSF x Near_LoA	-11,0889328	0,005	0,296
CHR1	18060189	CHR1:18060189	SSF x Near_LoA	-10,4652524	-0,019	0,300

CHR1	18060204	CHR1:18060204	SSF x Near_LoA	-8,49202355	0,056	0,296
CHR1	18060267	CHR1:18060267	SSF x Near_LoA	-10,9674267	0,038	0,313
CHR1	18061794	CHR1:18061794	SSF x Near_LoA	-5,35289222	0,054	0,327
CHR1	18068942	CHR1:18068942	SSF x Near_LoA	-7,73259692	0,015	0,310
CHR1	18068957	CHR1:18068957	SSF x Near_LoA	-4,7333456	0,080	0,308
CHR1	18069049	CHR1:18069049	SSF x Near_LoA	-11,1501884	0,011	0,303
CHR1	18069088	CHR1:18069088	SSF x Near_LoA	-8,32334772	0,049	0,305
CHR1	18069118	CHR1:18069118	SSF x Near_LoA	-8,390388	0,074	0,292
CHR1	18069207	CHR1:18069207	SSF x Near_LoA	-10,4175099	-0,036	0,304
CHR1	18082551	CHR1:18082551	SSF x Near_LoA	-10,4545652	0,042	0,309
CHR1	18082552	CHR1:18082552	SSF x Near_LoA	-11,2507588	0,053	0,307
CHR1	18103590	CHR1:18103590	SSF x Near_LoA	-11,3409894	0,059	0,306
CHR1	18108285	CHR1:18108285	SSF x Near_LoA	-7,76889585	0,128	0,308
CHR1	18108292	CHR1:18108292	SSF x Near_LoA	-6,12048652	0,134	0,309
CHR1	18108303	CHR1:18108303	SSF x Near_LoA	-3,91371982	0,137	0,301
CHR1	18108375	CHR1:18108375	SSF x Near_LoA	-6,15487397	0,091	0,309
CHR1	18109335	CHR1:18109335	SSF x Near_LoA	-7,04696414	-0,041	0,314
CHR1	18109407	CHR1:18109407	SSF x Near_LoA	-10,6950333	-0,078	0,292
CHR1	18112244	CHR1:18112244	SSF x Near_LoA	-10,936573	-0,014	0,306
CHR1	18112273	CHR1:18112273	SSF x Near_LoA	-7,11882672	-0,139	0,305
CHR1	18112289	CHR1:18112289	SSF x Near_LoA	-8,87682208	0,005	0,315
CHR1	18112402	CHR1:18112402	SSF x Near_LoA	-10,3281445	0,026	0,318
CHR1	18112487	CHR1:18112487	SSF x Near_LoA	-8,90971869	-0,119	0,294
CHR1	18117128	CHR1:18117128	SSF x Near_LoA	-9,00252748	-0,030	0,308
CHR1	18117164	CHR1:18117164	SSF x Near_LoA	-11,2108845	-0,057	0,306
CHR1	18120822	CHR1:18120822	SSF x Near_LoA	-7,49664647	0,023	0,297
CHR1	18120850	CHR1:18120850	SSF x Near_LoA	-11,5486165	-0,048	0,308
CHR1	18120974	CHR1:18120974	SSF x Near_LoA	-10,704561	0,152	0,297
CHR1	18121002	CHR1:18121002	SSF x Near_LoA	-7,82447145	-0,068	0,305
CHR1	18129108	CHR1:18129108	SSF x Near_LoA	-8,7980486	0,026	0,315
CHR1	18131443	CHR1:18131443	SSF x Near_LoA	-8,73777028	0,059	0,305
CHR1	18131588	CHR1:18131588	SSF x Near_LoA	-8,72891204	-0,059	0,292
CHR1	18131609	CHR1:18131609	SSF x Near_LoA	-7,41403885	-0,036	0,303
CHR1	18131617	CHR1:18131617	SSF x Near_LoA	-7,71137039	0,078	0,298
CHR1	18131628	CHR1:18131628	SSF x Near_LoA	-10,3164438	-0,040	0,311
CHR1	18135114	CHR1:18135114	SSF x Near_LoA	-11,1242311	-0,064	0,312
CHR1	18145786	CHR1:18145786	SSF x Near_LoA	-9,30004949	0,144	0,296
CHR1	18147070	CHR1:18147070	SSF x Near_LoA	-7,92287274	0,101	0,300
CHR1	18149302	CHR1:18149302	SSF x Near_LoA	-10,9409829	0,047	0,312
CHR1	18161937	CHR1:18161937	SSF x Near_LoA	-10,2617471	0,046	0,304
CHR1	18164876	CHR1:18164876	SSF x Near_LoA	-7,35065284	0,005	0,316
CHR1	18165344	CHR1:18165344	SSF x Near_LoA	-10,5024374	0,024	0,298
CHR1	18166865	CHR1:18166865	SSF x Near_LoA	-7,50990336	0,141	0,294
CHR1	18166890	CHR1:18166890	SSF x Near_LoA	-4,06129537	0,191	0,292
CHR1	18166896	CHR1:18166896	SSF x Near_LoA	-8,65022444	-0,067	0,318
CHR1	18171944	CHR1:18171944	SSF x Near_LoA	-8,77743731	-0,054	0,310
CHR1	18171959	CHR1:18171959	SSF x Near_LoA	-8,30809186	0,071	0,314
CHR1	18179155	CHR1:18179155	SSF x Near_LoA	-8,95248699	0,058	0,293
CHR1	18182877	CHR1:18182877	SSF x Near_LoA	-7,29189655	-0,012	0,308
CHR1	18183054	CHR1:18183054	SSF x Near_LoA	-8,02043328	-0,010	0,310
CHR1	18183070	CHR1:18183070	SSF x Near_LoA	-8,53759355	-0,012	0,298
CHR1	18184510	CHR1:18184510	SSF x Near_LoA	-10,8972662	-0,058	0,319
CHR1	1818905	CHR1:1818905	SSF x Near_LoA	-8,97948345	0,001	0,302

CHR1	1818948	CHR1:1818948	SSF x Near_LoA	-11,716952	-0,054	0,296
CHR1	1818985	CHR1:1818985	SSF x Near_LoA	-9,27483909	0,064	0,320
CHR1	1818991	CHR1:1818991	SSF x Near_LoA	-9,25624134	-0,082	0,307
CHR1	18189934	CHR1:18189934	SSF x Near_LoA	-9,30124589	-0,078	0,300
CHR1	18189959	CHR1:18189959	SSF x Near_LoA	-10,4630233	0,039	0,315
CHR1	18189991	CHR1:18189991	SSF x Near_LoA	-11,3011639	-0,028	0,301
CHR1	18191264	CHR1:18191264	SSF x Near_LoA	-9,46273186	0,167	0,300
CHR1	18202387	CHR1:18202387	SSF x Near_LoA	-5,33194682	-0,100	0,309
CHR1	18210648	CHR1:18210648	SSF x Near_LoA	-10,1232111	0,036	0,302
CHR1	18213044	CHR1:18213044	SSF x Near_LoA	-11,1412879	-0,039	0,292
CHR1	18213153	CHR1:18213153	SSF x Near_LoA	-9,77873075	-0,039	0,308
CHR1	18218850	CHR1:18218850	SSF x Near_LoA	-5,83323404	-0,151	0,306
CHR1	18218997	CHR1:18218997	SSF x Near_LoA	-8,93216418	-0,012	0,326
CHR1	18225898	CHR1:18225898	SSF x Near_LoA	-6,03080359	0,168	0,294
CHR1	18225929	CHR1:18225929	SSF x Near_LoA	-8,61415537	-0,063	0,301
CHR1	18225946	CHR1:18225946	SSF x Near_LoA	-10,8074959	0,034	0,305
CHR1	18232523	CHR1:18232523	SSF x Near_LoA	-12,2723662	-0,041	0,298
CHR1	18232561	CHR1:18232561	SSF x Near_LoA	-9,7774047	-0,134	0,301
CHR1	18236874	CHR1:18236874	SSF x Near_LoA	-9,27291368	0,030	0,311
CHR1	18236875	CHR1:18236875	SSF x Near_LoA	-10,495806	-0,074	0,302
CHR1	18236903	CHR1:18236903	SSF x Near_LoA	-9,86115582	-0,026	0,309
CHR1	18237474	CHR1:18237474	SSF x Near_LoA	-8,19744791	-0,027	0,308
CHR1	18237492	CHR1:18237492	SSF x Near_LoA	-10,6244544	0,109	0,301
CHR1	18237556	CHR1:18237556	SSF x Near_LoA	-4,92470516	0,041	0,331
CHR1	18253705	CHR1:18253705	SSF x Near_LoA	-8,077824	-0,025	0,317
CHR1	18253713	CHR1:18253713	SSF x Near_LoA	-8,48566921	0,008	0,318
CHR1	18253818	CHR1:18253818	SSF x Near_LoA	-11,4172974	0,036	0,307
CHR1	18253872	CHR1:18253872	SSF x Near_LoA	-4,41694358	-0,182	0,314
CHR1	18254854	CHR1:18254854	SSF x Near_LoA	-9,8639712	0,055	0,302
CHR1	18254918	CHR1:18254918	SSF x Near_LoA	-10,6282769	0,090	0,295
CHR1	18254969	CHR1:18254969	SSF x Near_LoA	-8,68795722	-0,014	0,320
CHR1	18255003	CHR1:18255003	SSF x Near_LoA	-9,51581957	-0,101	0,304
CHR1	18255023	CHR1:18255023	SSF x Near_LoA	-11,7987564	0,027	0,302
CHR1	18255055	CHR1:18255055	SSF x Near_LoA	-9,70405378	-0,103	0,306
CHR1	18259543	CHR1:18259543	SSF x Near_LoA	-7,15930209	-0,015	0,329
CHR1	18259691	CHR1:18259691	SSF x Near_LoA	-11,4173843	0,007	0,305
CHR1	18259858	CHR1:18259858	SSF x Near_LoA	-9,82978995	0,064	0,316
CHR1	18265219	CHR1:18265219	SSF x Near_LoA	-10,8177764	-0,096	0,304
CHR1	18272053	CHR1:18272053	SSF x Near_LoA	-10,9705252	0,121	0,306
CHR1	18272079	CHR1:18272079	SSF x Near_LoA	-5,63242161	-0,051	0,290
CHR1	18272130	CHR1:18272130	SSF x Near_LoA	-9,60267109	0,138	0,296
CHR1	18272133	CHR1:18272133	SSF x Near_LoA	-6,61997929	0,055	0,313
CHR1	18272144	CHR1:18272144	SSF x Near_LoA	-11,4320088	-0,058	0,316
CHR1	18272199	CHR1:18272199	SSF x Near_LoA	-10,8263184	-0,008	0,305
CHR1	18272272	CHR1:18272272	SSF x Near_LoA	-8,66005792	0,018	0,313
CHR1	18278725	CHR1:18278725	SSF x Near_LoA	-10,0128562	-0,069	0,314
CHR1	18285188	CHR1:18285188	SSF x Near_LoA	-8,10247036	0,004	0,310
CHR1	18285280	CHR1:18285280	SSF x Near_LoA	-1,33206276	0,028	0,310
CHR1	18285282	CHR1:18285282	SSF x Near_LoA	-9,06990382	-0,010	0,324
CHR1	18285284	CHR1:18285284	SSF x Near_LoA	-10,4717095	0,014	0,314
CHR1	18285304	CHR1:18285304	SSF x Near_LoA	-10,493197	-0,039	0,295
CHR1	18297173	CHR1:18297173	SSF x Near_LoA	-8,37153677	-0,046	0,333
CHR1	18297324	CHR1:18297324	SSF x Near_LoA	-8,78417836	-0,005	0,312

CHR1	18302538	CHR1:18302538	SSF x Near_LoA	-10,4963989	-0,020	0,310
CHR1	18304740	CHR1:18304740	SSF x Near_LoA	-7,61937262	-0,019	0,328
CHR1	18319682	CHR1:18319682	SSF x Near_LoA	-8,57587342	0,021	0,310
CHR1	18319765	CHR1:18319765	SSF x Near_LoA	-9,25096705	0,060	0,300
CHR1	18319841	CHR1:18319841	SSF x Near_LoA	-10,3022557	0,149	0,298
CHR1	18338566	CHR1:18338566	SSF x Near_LoA	-8,06556019	-0,109	0,312
CHR1	18338583	CHR1:18338583	SSF x Near_LoA	-8,60532487	0,046	0,307
CHR1	18338584	CHR1:18338584	SSF x Near_LoA	-10,9667992	0,052	0,313
CHR1	18338589	CHR1:18338589	SSF x Near_LoA	-10,3490227	0,099	0,308
CHR1	18338619	CHR1:18338619	SSF x Near_LoA	-8,07332885	0,132	0,314
CHR1	18338713	CHR1:18338713	SSF x Near_LoA	-10,0244019	0,043	0,311
CHR1	18340838	CHR1:18340838	SSF x Near_LoA	-7,74460306	-0,063	0,313
CHR1	18340890	CHR1:18340890	SSF x Near_LoA	-8,0527999	-0,134	0,298
CHR1	18340937	CHR1:18340937	SSF x Near_LoA	-6,4124142	0,032	0,315
CHR1	18340938	CHR1:18340938	SSF x Near_LoA	-9,88813786	0,072	0,298
CHR1	18341003	CHR1:18341003	SSF x Near_LoA	-8,06822015	0,053	0,311
CHR1	183454	CHR1:183454	SSF x Near_LoA	-9,31324321	0,021	0,306
CHR1	18345470	CHR1:18345470	SSF x Near_LoA	-8,19767465	-0,119	0,308
CHR1	18345518	CHR1:18345518	SSF x Near_LoA	-9,76646777	-0,010	0,316
CHR1	183457	CHR1:183457	SSF x Near_LoA	-7,77211108	-0,093	0,304
CHR1	18350093	CHR1:18350093	SSF x Near_LoA	-7,74172591	0,021	0,309
CHR1	18350094	CHR1:18350094	SSF x Near_LoA	-6,6479844	0,001	0,326
CHR1	18350119	CHR1:18350119	SSF x Near_LoA	-8,97027007	-0,045	0,314
CHR1	18350125	CHR1:18350125	SSF x Near_LoA	-6,63314635	0,089	0,313
CHR1	18350131	CHR1:18350131	SSF x Near_LoA	-9,95451843	0,063	0,321
CHR1	18366378	CHR1:18366378	SSF x Near_LoA	-9,97231348	0,008	0,305
CHR1	18366523	CHR1:18366523	SSF x Near_LoA	-12,3823706	-0,084	0,298
CHR1	18377819	CHR1:18377819	SSF x Near_LoA	-10,8071649	0,046	0,305
CHR1	18377885	CHR1:18377885	SSF x Near_LoA	-7,71684174	0,023	0,316
CHR1	18377898	CHR1:18377898	SSF x Near_LoA	-3,37240287	0,059	0,314
CHR1	18377991	CHR1:18377991	SSF x Near_LoA	-9,68889136	-0,015	0,298
CHR1	18378026	CHR1:18378026	SSF x Near_LoA	-7,78809845	-0,122	0,303
CHR1	18378054	CHR1:18378054	SSF x Near_LoA	-8,92764501	-0,135	0,299
CHR1	18383201	CHR1:18383201	SSF x Near_LoA	-12,3740311	-0,014	0,305
CHR1	18392541	CHR1:18392541	SSF x Near_LoA	-10,4660646	-0,056	0,305
CHR1	18392553	CHR1:18392553	SSF x Near_LoA	-8,9868443	0,030	0,296
CHR1	18392561	CHR1:18392561	SSF x Near_LoA	-10,6733418	-0,051	0,303
CHR1	18392580	CHR1:18392580	SSF x Near_LoA	-9,86971146	-0,151	0,298
CHR1	18392634	CHR1:18392634	SSF x Near_LoA	-11,0377801	-0,025	0,306
CHR1	18392669	CHR1:18392669	SSF x Near_LoA	-8,16388967	-0,128	0,287
CHR1	18392712	CHR1:18392712	SSF x Near_LoA	-10,4200262	0,006	0,310
CHR1	18392716	CHR1:18392716	SSF x Near_LoA	-11,5703057	0,043	0,298
CHR1	18392770	CHR1:18392770	SSF x Near_LoA	-9,46170137	-0,041	0,316
CHR1	18394254	CHR1:18394254	SSF x Near_LoA	-7,59328833	-0,046	0,307
CHR1	18416337	CHR1:18416337	SSF x Near_LoA	-9,88726056	-0,014	0,313
CHR1	18416399	CHR1:18416399	SSF x Near_LoA	-6,39306677	-0,140	0,299
CHR1	18416471	CHR1:18416471	SSF x Near_LoA	-8,72313149	-0,077	0,303
CHR1	18421239	CHR1:18421239	SSF x Near_LoA	-9,65236507	0,088	0,292
CHR1	18421271	CHR1:18421271	SSF x Near_LoA	-10,494674	-0,045	0,301
CHR1	18421318	CHR1:18421318	SSF x Near_LoA	-9,78431488	-0,053	0,314
CHR1	18421336	CHR1:18421336	SSF x Near_LoA	-8,8175805	-0,079	0,298
CHR1	18421341	CHR1:18421341	SSF x Near_LoA	-11,110797	-0,030	0,323
CHR1	18424179	CHR1:18424179	SSF x Near_LoA	-9,78295883	0,107	0,309

CHR1	18438078	CHR1:18438078	SSF x Near_LoA	-10,4987815	-0,043	0,303
CHR1	18438519	CHR1:18438519	SSF x Near_LoA	-6,47080057	-0,167	0,301
CHR1	18441843	CHR1:18441843	SSF x Near_LoA	-8,60922643	-0,012	0,311
CHR1	1844294	CHR1:1844294	SSF x Near_LoA	-8,93096216	-0,033	0,314
CHR1	1844336	CHR1:1844336	SSF x Near_LoA	-8,61103852	0,080	0,327
CHR1	18452540	CHR1:18452540	SSF x Near_LoA	-8,38060522	-0,091	0,291
CHR1	18452585	CHR1:18452585	SSF x Near_LoA	-8,79844481	-0,016	0,310
CHR1	18459171	CHR1:18459171	SSF x Near_LoA	-10,691924	0,022	0,301
CHR1	18459187	CHR1:18459187	SSF x Near_LoA	-10,3390828	0,036	0,305
CHR1	18459266	CHR1:18459266	SSF x Near_LoA	-8,07717937	0,114	0,310
CHR1	18459269	CHR1:18459269	SSF x Near_LoA	-8,63335753	0,099	0,303
CHR1	18459287	CHR1:18459287	SSF x Near_LoA	-8,50704988	0,131	0,304
CHR1	18459321	CHR1:18459321	SSF x Near_LoA	-7,88922878	0,152	0,301
CHR1	18459379	CHR1:18459379	SSF x Near_LoA	-5,55689793	-0,081	0,320
CHR1	18459389	CHR1:18459389	SSF x Near_LoA	-8,82952227	0,063	0,318
CHR1	18459390	CHR1:18459390	SSF x Near_LoA	-9,0217602	0,083	0,300
CHR1	18462077	CHR1:18462077	SSF x Near_LoA	-8,01507254	-0,041	0,313
CHR1	18462092	CHR1:18462092	SSF x Near_LoA	-9,71851862	0,048	0,302
CHR1	18465183	CHR1:18465183	SSF x Near_LoA	-8,60331097	0,058	0,303
CHR1	18465212	CHR1:18465212	SSF x Near_LoA	-9,7421547	-0,025	0,309
CHR1	18470050	CHR1:18470050	SSF x Near_LoA	-9,86988992	0,013	0,311
CHR1	18472691	CHR1:18472691	SSF x Near_LoA	-8,14791142	-0,125	0,294
CHR1	18474527	CHR1:18474527	SSF x Near_LoA	-9,88940358	-0,003	0,301
CHR1	18474536	CHR1:18474536	SSF x Near_LoA	-3,45957928	-0,037	0,310
CHR1	18474539	CHR1:18474539	SSF x Near_LoA	-9,37700737	0,017	0,291
CHR1	18474587	CHR1:18474587	SSF x Near_LoA	-8,09296419	0,073	0,299
CHR1	18474615	CHR1:18474615	SSF x Near_LoA	-8,17033956	-0,053	0,316
CHR1	18474620	CHR1:18474620	SSF x Near_LoA	-8,36419422	-0,042	0,305
CHR1	18474622	CHR1:18474622	SSF x Near_LoA	-12,2662251	-0,019	0,314
CHR1	18474641	CHR1:18474641	SSF x Near_LoA	-9,10276814	0,109	0,306
CHR1	18475276	CHR1:18475276	SSF x Near_LoA	-9,02020808	0,002	0,309
CHR1	18475298	CHR1:18475298	SSF x Near_LoA	-9,63371242	0,068	0,313
CHR1	18475318	CHR1:18475318	SSF x Near_LoA	-7,60062516	0,052	0,310
CHR1	18476577	CHR1:18476577	SSF x Near_LoA	-11,4216629	0,045	0,301
CHR1	18477874	CHR1:18477874	SSF x Near_LoA	-10,1023502	0,058	0,307
CHR1	18477950	CHR1:18477950	SSF x Near_LoA	-11,0232565	-0,081	0,301
CHR1	18477954	CHR1:18477954	SSF x Near_LoA	-11,9347165	-0,061	0,303
CHR1	18477957	CHR1:18477957	SSF x Near_LoA	-10,3707041	-0,053	0,316
CHR1	18477978	CHR1:18477978	SSF x Near_LoA	-11,0516061	0,016	0,313
CHR1	18481461	CHR1:18481461	SSF x Near_LoA	-9,27697095	0,132	0,285
CHR1	18490448	CHR1:18490448	SSF x Near_LoA	-10,3167645	-0,078	0,289
CHR1	18490493	CHR1:18490493	SSF x Near_LoA	-5,67408756	-0,043	0,303
CHR1	1849746	CHR1:1849746	SSF x Near_LoA	-9,05981598	0,117	0,311
CHR1	1849815	CHR1:1849815	SSF x Near_LoA	-7,09414494	-0,189	0,294
CHR1	1849820	CHR1:1849820	SSF x Near_LoA	-9,47208489	-0,117	0,312
CHR1	1849832	CHR1:1849832	SSF x Near_LoA	-9,15490177	0,019	0,300
CHR1	1849910	CHR1:1849910	SSF x Near_LoA	-9,91579643	-0,013	0,296
CHR1	18499166	CHR1:18499166	SSF x Near_LoA	-7,63315536	0,056	0,312
CHR1	18499305	CHR1:18499305	SSF x Near_LoA	-7,69451889	0,087	0,315
CHR1	18508136	CHR1:18508136	SSF x Near_LoA	-9,79430805	0,054	0,313
CHR1	18508307	CHR1:18508307	SSF x Near_LoA	-9,7310796	-0,020	0,299
CHR1	18508409	CHR1:18508409	SSF x Near_LoA	-7,24932064	-0,075	0,316
CHR1	18508412	CHR1:18508412	SSF x Near_LoA	-10,2532583	-0,092	0,302

CHR1	18508442	CHR1:18508442	SSF x Near_LoA	-7,42645571	0,062	0,306
CHR1	18512049	CHR1:18512049	SSF x Near_LoA	-11,3684021	-0,042	0,300
CHR1	18512056	CHR1:18512056	SSF x Near_LoA	-9,96901551	-0,067	0,310
CHR1	18512059	CHR1:18512059	SSF x Near_LoA	-10,7797975	-0,070	0,303
CHR1	18512096	CHR1:18512096	SSF x Near_LoA	-11,1262826	-0,051	0,309
CHR1	18512114	CHR1:18512114	SSF x Near_LoA	-8,01742435	0,067	0,293
CHR1	18512127	CHR1:18512127	SSF x Near_LoA	-5,79105395	0,087	0,282
CHR1	18525196	CHR1:18525196	SSF x Near_LoA	-8,03183519	0,097	0,319
CHR1	18525217	CHR1:18525217	SSF x Near_LoA	-9,31311835	0,012	0,305
CHR1	18525218	CHR1:18525218	SSF x Near_LoA	-7,49692182	-0,066	0,313
CHR1	18525308	CHR1:18525308	SSF x Near_LoA	-8,7895002	-0,024	0,314
CHR1	18525336	CHR1:18525336	SSF x Near_LoA	-8,68231305	-0,029	0,310
CHR1	18525348	CHR1:18525348	SSF x Near_LoA	-10,3088751	0,022	0,312
CHR1	18541840	CHR1:18541840	SSF x Near_LoA	-8,50941837	-0,038	0,316
CHR1	18542103	CHR1:18542103	SSF x Near_LoA	-5,01371188	0,204	0,315
CHR1	18544545	CHR1:18544545	SSF x Near_LoA	-5,33809421	0,250	0,285
CHR1	18544546	CHR1:18544546	SSF x Near_LoA	-1,49719467	0,279	0,277
CHR1	18544575	CHR1:18544575	SSF x Near_LoA	-11,5112739	0,094	0,302
CHR1	18544791	CHR1:18544791	SSF x Near_LoA	-9,29375077	-0,066	0,301
CHR1	18544794	CHR1:18544794	SSF x Near_LoA	-8,40734246	-0,089	0,300
CHR1	18544812	CHR1:18544812	SSF x Near_LoA	-9,23521508	-0,119	0,304
CHR1	18547617	CHR1:18547617	SSF x Near_LoA	-9,69742953	-0,099	0,307
CHR1	18552174	CHR1:18552174	SSF x Near_LoA	-9,72425167	0,019	0,294
CHR1	18552350	CHR1:18552350	SSF x Near_LoA	-10,7055509	-0,070	0,313
CHR1	18552371	CHR1:18552371	SSF x Near_LoA	-11,2845021	-0,026	0,295
CHR1	18558227	CHR1:18558227	SSF x Near_LoA	-8,90123678	0,046	0,310
CHR1	18558559	CHR1:18558559	SSF x Near_LoA	-8,15189327	-0,085	0,312
CHR1	18558586	CHR1:18558586	SSF x Near_LoA	-10,8588522	-0,082	0,291
CHR1	18558640	CHR1:18558640	SSF x Near_LoA	-8,95301925	-0,038	0,306
CHR1	18564123	CHR1:18564123	SSF x Near_LoA	-5,03274657	-0,093	0,298
CHR1	18564182	CHR1:18564182	SSF x Near_LoA	-4,0938847	0,011	0,326
CHR1	18574016	CHR1:18574016	SSF x Near_LoA	-10,5853224	-0,036	0,311
CHR1	18574098	CHR1:18574098	SSF x Near_LoA	-9,87243996	-0,021	0,291
CHR1	18574102	CHR1:18574102	SSF x Near_LoA	-10,7540075	-0,007	0,317
CHR1	18574140	CHR1:18574140	SSF x Near_LoA	-10,3243876	0,046	0,295
CHR1	18574230	CHR1:18574230	SSF x Near_LoA	-9,92087148	0,017	0,282
CHR1	18582579	CHR1:18582579	SSF x Near_LoA	-9,62127178	0,036	0,307
CHR1	18594432	CHR1:18594432	SSF x Near_LoA	-9,40841829	0,017	0,301
CHR1	18600849	CHR1:18600849	SSF x Near_LoA	-9,18160633	-0,061	0,298
CHR1	18600882	CHR1:18600882	SSF x Near_LoA	-10,2843728	0,122	0,286
CHR1	18600895	CHR1:18600895	SSF x Near_LoA	-11,0521245	0,104	0,293
CHR1	18607424	CHR1:18607424	SSF x Near_LoA	-7,06783606	-0,155	0,311
CHR1	18607434	CHR1:18607434	SSF x Near_LoA	-9,14207707	-0,164	0,299
CHR1	18607472	CHR1:18607472	SSF x Near_LoA	-6,83378414	-0,031	0,305
CHR1	18607512	CHR1:18607512	SSF x Near_LoA	-3,36939058	-0,046	0,314
CHR1	18607523	CHR1:18607523	SSF x Near_LoA	-8,17655435	0,111	0,297
CHR1	18609933	CHR1:18609933	SSF x Near_LoA	-2,50710378	0,206	0,275
CHR1	1863555	CHR1:1863555	SSF x Near_LoA	-7,72117913	-0,121	0,312
CHR1	1863578	CHR1:1863578	SSF x Near_LoA	-4,75998052	-0,110	0,318
CHR1	18637468	CHR1:18637468	SSF x Near_LoA	-8,96997549	-0,035	0,322
CHR1	18641599	CHR1:18641599	SSF x Near_LoA	-9,26842803	-0,147	0,314
CHR1	18641908	CHR1:18641908	SSF x Near_LoA	-11,3088035	-0,055	0,300
CHR1	18644167	CHR1:18644167	SSF x Near_LoA	-8,28482895	0,068	0,310

CHR1	18644170	CHR1:18644170	SSF x Near_LoA	-8,06504612	0,100	0,297
CHR1	18644174	CHR1:18644174	SSF x Near_LoA	-8,19430602	-0,067	0,299
CHR1	18646315	CHR1:18646315	SSF x Near_LoA	-10,7191198	-0,008	0,309
CHR1	18646321	CHR1:18646321	SSF x Near_LoA	-5,70213267	0,030	0,316
CHR1	18646333	CHR1:18646333	SSF x Near_LoA	-6,75008685	0,041	0,307
CHR1	18647890	CHR1:18647890	SSF x Near_LoA	-10,5359952	0,079	0,300
CHR1	18649598	CHR1:18649598	SSF x Near_LoA	-10,5566786	0,026	0,303
CHR1	18650334	CHR1:18650334	SSF x Near_LoA	-10,0353617	0,141	0,304
CHR1	18650345	CHR1:18650345	SSF x Near_LoA	-8,65443112	0,037	0,317
CHR1	18655125	CHR1:18655125	SSF x Near_LoA	-8,45658037	0,005	0,308
CHR1	18655163	CHR1:18655163	SSF x Near_LoA	-6,43569574	-0,094	0,310
CHR1	18655195	CHR1:18655195	SSF x Near_LoA	-8,70096315	0,101	0,298
CHR1	18655223	CHR1:18655223	SSF x Near_LoA	-7,99798906	0,148	0,310
CHR1	18655282	CHR1:18655282	SSF x Near_LoA	-8,82142752	0,051	0,309
CHR1	18655334	CHR1:18655334	SSF x Near_LoA	-9,78838839	0,067	0,301
CHR1	18663183	CHR1:18663183	SSF x Near_LoA	-9,07870071	0,110	0,301
CHR1	18663307	CHR1:18663307	SSF x Near_LoA	-7,85197224	-0,114	0,302
CHR1	18663339	CHR1:18663339	SSF x Near_LoA	-10,2297106	-0,061	0,310
CHR1	18663379	CHR1:18663379	SSF x Near_LoA	-8,95706986	0,033	0,311
CHR1	18663408	CHR1:18663408	SSF x Near_LoA	-9,08858572	-0,031	0,312
CHR1	18671209	CHR1:18671209	SSF x Near_LoA	-8,26311386	0,060	0,314
CHR1	18671270	CHR1:18671270	SSF x Near_LoA	-11,2979368	-0,043	0,297
CHR1	18671320	CHR1:18671320	SSF x Near_LoA	-8,98460537	0,072	0,303
CHR1	18671466	CHR1:18671466	SSF x Near_LoA	-7,62741561	0,112	0,299
CHR1	18671482	CHR1:18671482	SSF x Near_LoA	-9,39435223	-0,086	0,310
CHR1	18675733	CHR1:18675733	SSF x Near_LoA	-11,9097282	-0,028	0,305
CHR1	18685639	CHR1:18685639	SSF x Near_LoA	-8,5368981	0,063	0,310
CHR1	18685731	CHR1:18685731	SSF x Near_LoA	-9,57957135	-0,037	0,302
CHR1	18685802	CHR1:18685802	SSF x Near_LoA	-10,5550352	-0,009	0,309
CHR1	18685813	CHR1:18685813	SSF x Near_LoA	-10,1937405	-0,040	0,297
CHR1	18691596	CHR1:18691596	SSF x Near_LoA	-10,6426224	0,055	0,310
CHR1	18691767	CHR1:18691767	SSF x Near_LoA	-8,62806303	0,056	0,322
CHR1	1870312	CHR1:1870312	SSF x Near_LoA	-10,8015739	-0,028	0,308
CHR1	18708967	CHR1:18708967	SSF x Near_LoA	-8,08860788	0,025	0,301
CHR1	18714582	CHR1:18714582	SSF x Near_LoA	-9,30151083	-0,049	0,310
CHR1	18714586	CHR1:18714586	SSF x Near_LoA	-10,2894524	-0,040	0,295
CHR1	18717935	CHR1:18717935	SSF x Near_LoA	-11,1353561	-0,077	0,304
CHR1	18717937	CHR1:18717937	SSF x Near_LoA	-5,3505462	0,075	0,305
CHR1	18718009	CHR1:18718009	SSF x Near_LoA	-6,51519651	0,193	0,295
CHR1	18718026	CHR1:18718026	SSF x Near_LoA	-9,68982947	-0,041	0,293
CHR1	18718117	CHR1:18718117	SSF x Near_LoA	-9,39275887	0,068	0,292
CHR1	18718133	CHR1:18718133	SSF x Near_LoA	-9,73972039	-0,021	0,287
CHR1	18718159	CHR1:18718159	SSF x Near_LoA	-10,3681105	0,068	0,296
CHR1	18718160	CHR1:18718160	SSF x Near_LoA	-9,78258008	0,016	0,294
CHR1	18725155	CHR1:18725155	SSF x Near_LoA	-7,12966167	0,040	0,312
CHR1	18731330	CHR1:18731330	SSF x Near_LoA	-11,144147	0,045	0,290
CHR1	18731360	CHR1:18731360	SSF x Near_LoA	-7,68470702	-0,112	0,316
CHR1	18731382	CHR1:18731382	SSF x Near_LoA	-8,02540837	-0,027	0,297
CHR1	18731423	CHR1:18731423	SSF x Near_LoA	-10,8087599	-0,032	0,313
CHR1	18731610	CHR1:18731610	SSF x Near_LoA	-11,658629	-0,030	0,310
CHR1	18756032	CHR1:18756032	SSF x Near_LoA	-9,0881281	0,145	0,311
CHR1	18756067	CHR1:18756067	SSF x Near_LoA	-11,6238247	-0,040	0,304
CHR1	18756154	CHR1:18756154	SSF x Near_LoA	-9,19549516	0,115	0,298

CHR1	18759963	CHR1:18759963	SSF x Near_LoA	-11,4852432	0,003	0,309
CHR1	18759972	CHR1:18759972	SSF x Near_LoA	-11,4300424	-0,004	0,298
CHR1	18772165	CHR1:18772165	SSF x Near_LoA	-11,5650208	0,046	0,295
CHR1	1877968	CHR1:1877968	SSF x Near_LoA	-7,91805076	0,093	0,299
CHR1	1878049	CHR1:1878049	SSF x Near_LoA	-2,78746994	-0,169	0,302
CHR1	1878116	CHR1:1878116	SSF x Near_LoA	-7,88101237	0,156	0,286
CHR1	1878121	CHR1:1878121	SSF x Near_LoA	-8,00151368	-0,154	0,292
CHR1	18787953	CHR1:18787953	SSF x Near_LoA	-9,54969377	0,108	0,310
CHR1	18787987	CHR1:18787987	SSF x Near_LoA	-5,24950281	0,070	0,300
CHR1	18788053	CHR1:18788053	SSF x Near_LoA	-6,74103657	-0,017	0,310
CHR1	18788076	CHR1:18788076	SSF x Near_LoA	-8,93697899	-0,040	0,305
CHR1	18792880	CHR1:18792880	SSF x Near_LoA	-10,4077758	-0,025	0,305
CHR1	18792912	CHR1:18792912	SSF x Near_LoA	-8,30490215	0,070	0,317
CHR1	18792950	CHR1:18792950	SSF x Near_LoA	-10,2189406	-0,018	0,311
CHR1	18793543	CHR1:18793543	SSF x Near_LoA	-12,6191878	-0,009	0,287
CHR1	18817640	CHR1:18817640	SSF x Near_LoA	-11,5469929	-0,006	0,319
CHR1	18838856	CHR1:18838856	SSF x Near_LoA	-10,19397	0,113	0,312
CHR1	18846612	CHR1:18846612	SSF x Near_LoA	-7,50666401	-0,017	0,332
CHR1	18867584	CHR1:18867584	SSF x Near_LoA	-9,65069472	-0,005	0,312
CHR1	18867684	CHR1:18867684	SSF x Near_LoA	-6,36820465	-0,041	0,311
CHR1	18867695	CHR1:18867695	SSF x Near_LoA	-6,32458064	-0,097	0,316
CHR1	18873498	CHR1:18873498	SSF x Near_LoA	-10,752805	0,027	0,310
CHR1	18874756	CHR1:18874756	SSF x Near_LoA	-9,87111214	0,098	0,306
CHR1	18881951	CHR1:18881951	SSF x Near_LoA	-11,5520364	0,009	0,302
CHR1	18881953	CHR1:18881953	SSF x Near_LoA	-10,0870632	-0,010	0,295
CHR1	18881961	CHR1:18881961	SSF x Near_LoA	-6,06261818	0,018	0,305
CHR1	18881969	CHR1:18881969	SSF x Near_LoA	-7,78227901	-0,005	0,314
CHR1	18881972	CHR1:18881972	SSF x Near_LoA	-12,1145676	0,032	0,301
CHR1	18881974	CHR1:18881974	SSF x Near_LoA	-7,94256582	0,033	0,320
CHR1	18883347	CHR1:18883347	SSF x Near_LoA	-10,1763041	-0,013	0,313
CHR1	18884008	CHR1:18884008	SSF x Near_LoA	-10,5022152	0,010	0,292
CHR1	18884016	CHR1:18884016	SSF x Near_LoA	-11,9216956	0,001	0,304
CHR1	18884040	CHR1:18884040	SSF x Near_LoA	-10,2885965	-0,083	0,309
CHR1	18887894	CHR1:18887894	SSF x Near_LoA	-7,70945096	-0,036	0,301
CHR1	18887939	CHR1:18887939	SSF x Near_LoA	-9,71935625	0,011	0,318
CHR1	18887951	CHR1:18887951	SSF x Near_LoA	-9,15624994	0,002	0,302
CHR1	18887965	CHR1:18887965	SSF x Near_LoA	-6,72742105	-0,027	0,313
CHR1	18887972	CHR1:18887972	SSF x Near_LoA	-2,23087335	0,105	0,302
CHR1	18888038	CHR1:18888038	SSF x Near_LoA	-7,74547602	-0,017	0,317
CHR1	18888093	CHR1:18888093	SSF x Near_LoA	-8,03298428	-0,020	0,309
CHR1	18888101	CHR1:18888101	SSF x Near_LoA	-7,95910192	0,050	0,308
CHR1	18895620	CHR1:18895620	SSF x Near_LoA	-9,48148876	-0,055	0,304
CHR1	18902607	CHR1:18902607	SSF x Near_LoA	-9,97369106	0,036	0,301
CHR1	18902624	CHR1:18902624	SSF x Near_LoA	-5,2421661	0,172	0,292
CHR1	18902717	CHR1:18902717	SSF x Near_LoA	-4,92497626	0,029	0,305
CHR1	18902863	CHR1:18902863	SSF x Near_LoA	-10,12083	-0,072	0,315
CHR1	18902864	CHR1:18902864	SSF x Near_LoA	-8,36318861	-0,109	0,308
CHR1	18902887	CHR1:18902887	SSF x Near_LoA	-7,06906474	0,075	0,315
CHR1	18910369	CHR1:18910369	SSF x Near_LoA	-10,2900987	0,031	0,315
CHR1	18910388	CHR1:18910388	SSF x Near_LoA	-7,11119179	-0,195	0,322
CHR1	18910396	CHR1:18910396	SSF x Near_LoA	-10,4981649	-0,059	0,296
CHR1	18910398	CHR1:18910398	SSF x Near_LoA	-10,2660529	-0,173	0,303
CHR1	18910414	CHR1:18910414	SSF x Near_LoA	-9,37258589	-0,106	0,301

CHR1	18914953	CHR1:18914953	SSF x Near_LoA	-8,4505438	-0,040	0,319
CHR1	18915003	CHR1:18915003	SSF x Near_LoA	-10,489747	0,034	0,313
CHR1	18915034	CHR1:18915034	SSF x Near_LoA	-8,23337415	-0,121	0,318
CHR1	18915039	CHR1:18915039	SSF x Near_LoA	-5,939747	-0,127	0,310
CHR1	18918398	CHR1:18918398	SSF x Near_LoA	-6,42928471	0,114	0,297
CHR1	18918433	CHR1:18918433	SSF x Near_LoA	-8,17058022	-0,121	0,294
CHR1	18918449	CHR1:18918449	SSF x Near_LoA	-9,29181774	0,020	0,319
CHR1	18918450	CHR1:18918450	SSF x Near_LoA	-9,53545096	0,016	0,301
CHR1	18918456	CHR1:18918456	SSF x Near_LoA	-4,44588866	-0,010	0,304
CHR1	18918469	CHR1:18918469	SSF x Near_LoA	-10,102011	-0,094	0,312
CHR1	18918486	CHR1:18918486	SSF x Near_LoA	-10,4454468	0,046	0,300
CHR1	18918529	CHR1:18918529	SSF x Near_LoA	-7,97013621	-0,069	0,297
CHR1	18930812	CHR1:18930812	SSF x Near_LoA	-11,1999777	0,049	0,316
CHR1	18930877	CHR1:18930877	SSF x Near_LoA	-8,17978519	-0,033	0,319
CHR1	18930891	CHR1:18930891	SSF x Near_LoA	-11,7035011	-0,049	0,300
CHR1	18930893	CHR1:18930893	SSF x Near_LoA	-8,26205707	0,076	0,314
CHR1	18931386	CHR1:18931386	SSF x Near_LoA	-9,63054768	-0,011	0,309
CHR1	18931432	CHR1:18931432	SSF x Near_LoA	-10,7696322	0,059	0,316
CHR1	18931479	CHR1:18931479	SSF x Near_LoA	-10,5673529	0,116	0,285
CHR1	18937236	CHR1:18937236	SSF x Near_LoA	-11,5256306	0,019	0,298
CHR1	18937274	CHR1:18937274	SSF x Near_LoA	-7,561455	-0,101	0,306
CHR1	18943501	CHR1:18943501	SSF x Near_LoA	-8,35496313	0,053	0,303
CHR1	18943626	CHR1:18943626	SSF x Near_LoA	-10,4700105	0,100	0,299
CHR1	18943629	CHR1:18943629	SSF x Near_LoA	-11,7498296	0,052	0,297
CHR1	18943635	CHR1:18943635	SSF x Near_LoA	-11,4802776	0,050	0,301
CHR1	18948572	CHR1:18948572	SSF x Near_LoA	-8,83405501	-0,176	0,303
CHR1	18948582	CHR1:18948582	SSF x Near_LoA	-7,95715189	-0,096	0,299
CHR1	18948616	CHR1:18948616	SSF x Near_LoA	-10,5176517	-0,004	0,314
CHR1	18948631	CHR1:18948631	SSF x Near_LoA	-6,80751665	0,086	0,309
CHR1	18954476	CHR1:18954476	SSF x Near_LoA	-2,98905663	0,039	0,284
CHR1	18954484	CHR1:18954484	SSF x Near_LoA	-9,32390948	0,093	0,301
CHR1	18954497	CHR1:18954497	SSF x Near_LoA	-7,57241328	0,066	0,312
CHR1	18954508	CHR1:18954508	SSF x Near_LoA	-9,34777726	0,040	0,309
CHR1	18954576	CHR1:18954576	SSF x Near_LoA	-1,62612429	-0,012	0,315
CHR1	18954584	CHR1:18954584	SSF x Near_LoA	-6,01482949	0,070	0,330
CHR1	18954637	CHR1:18954637	SSF x Near_LoA	-4,74974524	0,146	0,308
CHR1	18954674	CHR1:18954674	SSF x Near_LoA	-7,56460303	0,062	0,297
CHR1	18963215	CHR1:18963215	SSF x Near_LoA	-10,2200464	-0,061	0,321
CHR1	18963257	CHR1:18963257	SSF x Near_LoA	-10,2967646	0,017	0,308
CHR1	18963268	CHR1:18963268	SSF x Near_LoA	-11,5674735	-0,074	0,309
CHR1	1896366	CHR1:1896366	SSF x Near_LoA	-8,60092624	0,063	0,324
CHR1	1896369	CHR1:1896369	SSF x Near_LoA	-10,7684391	0,002	0,310
CHR1	18968168	CHR1:18968168	SSF x Near_LoA	-9,11602659	-0,060	0,318
CHR1	18968184	CHR1:18968184	SSF x Near_LoA	-7,22883822	-0,090	0,303
CHR1	18968231	CHR1:18968231	SSF x Near_LoA	-5,65193979	-0,050	0,297
CHR1	18968238	CHR1:18968238	SSF x Near_LoA	-2,50658254	0,054	0,312
CHR1	18978515	CHR1:18978515	SSF x Near_LoA	-7,06060365	-0,070	0,306
CHR1	18978559	CHR1:18978559	SSF x Near_LoA	-9,16033351	-0,024	0,313
CHR1	1897886	CHR1:1897886	SSF x Near_LoA	-6,57358219	0,020	0,313
CHR1	18982139	CHR1:18982139	SSF x Near_LoA	-9,71835397	0,090	0,306
CHR1	18982176	CHR1:18982176	SSF x Near_LoA	-8,49332625	0,129	0,307
CHR1	1898503	CHR1:1898503	SSF x Near_LoA	-10,2226085	-0,099	0,294
CHR1	1898511	CHR1:1898511	SSF x Near_LoA	-7,9967769	-0,159	0,292

CHR1	1898575	CHR1:1898575	SSF x Near_LoA	-8,6541067	-0,098	0,303
CHR1	18986596	CHR1:18986596	SSF x Near_LoA	-3,3034856	0,007	0,304
CHR1	18986659	CHR1:18986659	SSF x Near_LoA	-8,9430349	0,051	0,311
CHR1	18986672	CHR1:18986672	SSF x Near_LoA	-10,6275877	0,092	0,303
CHR1	18986698	CHR1:18986698	SSF x Near_LoA	-9,02615364	0,093	0,292
CHR1	18986706	CHR1:18986706	SSF x Near_LoA	-9,00517937	0,049	0,313
CHR1	18986826	CHR1:18986826	SSF x Near_LoA	-4,49641545	-0,021	0,319
CHR1	18993806	CHR1:18993806	SSF x Near_LoA	-8,55019422	-0,006	0,309
CHR1	19001685	CHR1:19001685	SSF x Near_LoA	-6,41453015	0,094	0,298
CHR1	19001688	CHR1:19001688	SSF x Near_LoA	-8,65220828	-0,050	0,326
CHR1	19001715	CHR1:19001715	SSF x Near_LoA	10,0571901	0,186	0,298
CHR1	19003103	CHR1:19003103	SSF x Near_LoA	-10,5214704	-0,030	0,304
CHR1	19003198	CHR1:19003198	SSF x Near_LoA	-11,6441413	-0,084	0,310
CHR1	19011558	CHR1:19011558	SSF x Near_LoA	-10,1572142	-0,082	0,306
CHR1	19011639	CHR1:19011639	SSF x Near_LoA	-2,36996587	-0,194	0,305
CHR1	19011654	CHR1:19011654	SSF x Near_LoA	-9,0261846	0,070	0,305
CHR1	19011706	CHR1:19011706	SSF x Near_LoA	-5,56675069	-0,002	0,308
CHR1	19011797	CHR1:19011797	SSF x Near_LoA	-9,51948209	-0,048	0,305
CHR1	1901637	CHR1:1901637	SSF x Near_LoA	-5,4000177	-0,004	0,302
CHR1	19019972	CHR1:19019972	SSF x Near_LoA	-8,68115178	-0,041	0,309
CHR1	19019985	CHR1:19019985	SSF x Near_LoA	-8,85214989	-0,095	0,300
CHR1	19019987	CHR1:19019987	SSF x Near_LoA	-7,53054738	-0,099	0,307
CHR1	19020002	CHR1:19020002	SSF x Near_LoA	-10,7538333	-0,067	0,289
CHR1	19020038	CHR1:19020038	SSF x Near_LoA	-10,0868485	-0,009	0,314
CHR1	19021006	CHR1:19021006	SSF x Near_LoA	-7,99950117	0,121	0,308
CHR1	19021140	CHR1:19021140	SSF x Near_LoA	-11,8798319	0,049	0,303
CHR1	19021221	CHR1:19021221	SSF x Near_LoA	-7,122805	0,090	0,311
CHR1	19021246	CHR1:19021246	SSF x Near_LoA	-6,9305531	-0,138	0,308
CHR1	19033230	CHR1:19033230	SSF x Near_LoA	-9,44148736	-0,047	0,311
CHR1	19033285	CHR1:19033285	SSF x Near_LoA	-10,5300876	-0,033	0,322
CHR1	19033300	CHR1:19033300	SSF x Near_LoA	-10,2102057	0,121	0,303
CHR1	19033312	CHR1:19033312	SSF x Near_LoA	-6,53723178	-0,073	0,303
CHR1	19033337	CHR1:19033337	SSF x Near_LoA	-9,95156736	0,005	0,310
CHR1	19033340	CHR1:19033340	SSF x Near_LoA	-10,4442339	0,015	0,306
CHR1	19033346	CHR1:19033346	SSF x Near_LoA	-7,99441255	-0,040	0,312
CHR1	19033350	CHR1:19033350	SSF x Near_LoA	-8,24575609	-0,041	0,302
CHR1	19035767	CHR1:19035767	SSF x Near_LoA	-9,54550247	0,064	0,307
CHR1	19035884	CHR1:19035884	SSF x Near_LoA	-7,46760606	-0,098	0,297
CHR1	19035912	CHR1:19035912	SSF x Near_LoA	-10,4550769	-0,081	0,312
CHR1	19035914	CHR1:19035914	SSF x Near_LoA	-10,8334314	-0,059	0,307
CHR1	19035940	CHR1:19035940	SSF x Near_LoA	-9,29574218	0,042	0,305
CHR1	19035945	CHR1:19035945	SSF x Near_LoA	-8,47998344	-0,097	0,315
CHR1	19035951	CHR1:19035951	SSF x Near_LoA	-9,38365338	-0,002	0,297
CHR1	1903793	CHR1:1903793	SSF x Near_LoA	-9,55264425	-0,048	0,302
CHR1	1903800	CHR1:1903800	SSF x Near_LoA	-9,44359473	0,005	0,309
CHR1	1903832	CHR1:1903832	SSF x Near_LoA	-8,2041394	-0,036	0,306
CHR1	19041304	CHR1:19041304	SSF x Near_LoA	-8,63269206	0,005	0,316
CHR1	19041330	CHR1:19041330	SSF x Near_LoA	-8,96376509	0,021	0,313
CHR1	19041609	CHR1:19041609	SSF x Near_LoA	-8,63769574	-0,054	0,309
CHR1	19045426	CHR1:19045426	SSF x Near_LoA	-10,6632313	-0,060	0,307
CHR1	19050553	CHR1:19050553	SSF x Near_LoA	-8,8500949	-0,133	0,297
CHR1	19050664	CHR1:19050664	SSF x Near_LoA	-9,08020724	0,036	0,318
CHR1	19050683	CHR1:19050683	SSF x Near_LoA	-10,4490902	-0,069	0,319

CHR1	19058153	CHR1:19058153	SSF x Near_LoA	-8,81394892	-0,119	0,311
CHR1	19058160	CHR1:19058160	SSF x Near_LoA	-7,94112618	-0,149	0,305
CHR1	19058211	CHR1:19058211	SSF x Near_LoA	-10,9035293	-0,042	0,307
CHR1	19083538	CHR1:19083538	SSF x Near_LoA	-6,14045937	0,072	0,294
CHR1	19083626	CHR1:19083626	SSF x Near_LoA	-9,95851357	0,062	0,297
CHR1	19090250	CHR1:19090250	SSF x Near_LoA	-10,0448391	0,044	0,300
CHR1	19101186	CHR1:19101186	SSF x Near_LoA	-9,16115058	0,031	0,314
CHR1	19101225	CHR1:19101225	SSF x Near_LoA	-8,37230381	0,075	0,311
CHR1	19101230	CHR1:19101230	SSF x Near_LoA	-9,78496397	-0,063	0,299
CHR1	19106286	CHR1:19106286	SSF x Near_LoA	-9,62234279	0,012	0,300
CHR1	19106525	CHR1:19106525	SSF x Near_LoA	-8,18733437	-0,104	0,302
CHR1	19106593	CHR1:19106593	SSF x Near_LoA	-11,3789272	-0,068	0,300
CHR1	1911782	CHR1:1911782	SSF x Near_LoA	-10,2794711	-0,080	0,303
CHR1	1911796	CHR1:1911796	SSF x Near_LoA	-9,97401405	0,064	0,317
CHR1	1911837	CHR1:1911837	SSF x Near_LoA	-9,40257283	0,022	0,305
CHR1	19121051	CHR1:19121051	SSF x Near_LoA	-9,43088056	0,084	0,301
CHR1	19121125	CHR1:19121125	SSF x Near_LoA	-6,57017339	0,119	0,308
CHR1	19121188	CHR1:19121188	SSF x Near_LoA	-8,15279273	0,058	0,313
CHR1	19121213	CHR1:19121213	SSF x Near_LoA	-5,42309565	0,088	0,304
CHR1	19126851	CHR1:19126851	SSF x Near_LoA	-9,30451858	-0,058	0,291
CHR1	19126971	CHR1:19126971	SSF x Near_LoA	-11,007435	-0,068	0,316
CHR1	19130862	CHR1:19130862	SSF x Near_LoA	-7,63389638	-0,138	0,305
CHR1	19141846	CHR1:19141846	SSF x Near_LoA	-11,0258711	-0,052	0,310
CHR1	19141987	CHR1:19141987	SSF x Near_LoA	-8,39979205	-0,054	0,316
CHR1	1914728	CHR1:1914728	SSF x Near_LoA	-10,7767857	-0,017	0,301
CHR1	1914745	CHR1:1914745	SSF x Near_LoA	-9,55402082	0,057	0,315
CHR1	19156243	CHR1:19156243	SSF x Near_LoA	-9,89972938	0,011	0,309
CHR1	19156310	CHR1:19156310	SSF x Near_LoA	-11,1912836	0,075	0,303
CHR1	19156328	CHR1:19156328	SSF x Near_LoA	-10,1146481	-0,003	0,318
CHR1	19156434	CHR1:19156434	SSF x Near_LoA	-11,8111551	0,021	0,309
CHR1	19156498	CHR1:19156498	SSF x Near_LoA	-9,24184443	0,017	0,308
CHR1	19156516	CHR1:19156516	SSF x Near_LoA	-9,47048567	0,025	0,305
CHR1	1916554	CHR1:1916554	SSF x Near_LoA	-9,51773232	0,004	0,314
CHR1	1916575	CHR1:1916575	SSF x Near_LoA	-10,0874273	0,010	0,300
CHR1	1916583	CHR1:1916583	SSF x Near_LoA	-8,7939533	-0,113	0,315
CHR1	1916616	CHR1:1916616	SSF x Near_LoA	-7,53838816	-0,017	0,310
CHR1	19169856	CHR1:19169856	SSF x Near_LoA	-9,81676414	0,063	0,315
CHR1	19169927	CHR1:19169927	SSF x Near_LoA	-7,52828029	-0,091	0,300
CHR1	19169939	CHR1:19169939	SSF x Near_LoA	-11,0870316	0,074	0,309
CHR1	19175308	CHR1:19175308	SSF x Near_LoA	-9,79632853	0,064	0,310
CHR1	19177470	CHR1:19177470	SSF x Near_LoA	-10,0838257	0,005	0,307
CHR1	19177494	CHR1:19177494	SSF x Near_LoA	-9,39344056	-0,008	0,312
CHR1	19177501	CHR1:19177501	SSF x Near_LoA	-11,3044027	-0,020	0,298
CHR1	19180604	CHR1:19180604	SSF x Near_LoA	-7,21176139	-0,196	0,299
CHR1	19180645	CHR1:19180645	SSF x Near_LoA	-10,7163856	-0,112	0,306
CHR1	19189827	CHR1:19189827	SSF x Near_LoA	-9,4165734	-0,031	0,312
CHR1	19189866	CHR1:19189866	SSF x Near_LoA	-6,99258526	-0,083	0,313
CHR1	19201575	CHR1:19201575	SSF x Near_LoA	-7,87943024	0,097	0,296
CHR1	19201794	CHR1:19201794	SSF x Near_LoA	-11,3775487	0,085	0,302
CHR1	19201858	CHR1:19201858	SSF x Near_LoA	-8,56698437	-0,092	0,306
CHR1	19209462	CHR1:19209462	SSF x Near_LoA	-8,63127204	-0,191	0,304
CHR1	19209495	CHR1:19209495	SSF x Near_LoA	-5,73104709	-0,080	0,338
CHR1	19209574	CHR1:19209574	SSF x Near_LoA	-10,4209468	-0,136	0,299

CHR1	19220210	CHR1:19220210	SSF x Near_LoA	-8,65108532	-0,159	0,303
CHR1	19229737	CHR1:19229737	SSF x Near_LoA	-9,93914452	0,002	0,310
CHR1	19229741	CHR1:19229741	SSF x Near_LoA	-12,4252038	-0,045	0,310
CHR1	19229780	CHR1:19229780	SSF x Near_LoA	-8,58740845	-0,106	0,310
CHR1	19231445	CHR1:19231445	SSF x Near_LoA	-9,49685768	0,084	0,309
CHR1	19231481	CHR1:19231481	SSF x Near_LoA	-8,62087974	-0,048	0,329
CHR1	19235220	CHR1:19235220	SSF x Near_LoA	-10,3376986	-0,002	0,300
CHR1	19256073	CHR1:19256073	SSF x Near_LoA	-8,01170093	0,067	0,300
CHR1	19273781	CHR1:19273781	SSF x Near_LoA	-7,64434017	-0,049	0,310
CHR1	19275064	CHR1:19275064	SSF x Near_LoA	-10,9448224	0,118	0,302
CHR1	19276693	CHR1:19276693	SSF x Near_LoA	-9,59050183	0,036	0,314
CHR1	19276770	CHR1:19276770	SSF x Near_LoA	-8,86755863	0,090	0,303
CHR1	19296005	CHR1:19296005	SSF x Near_LoA	-10,3860302	-0,098	0,315
CHR1	19333514	CHR1:19333514	SSF x Near_LoA	-9,99698566	0,015	0,297
CHR1	19337494	CHR1:19337494	SSF x Near_LoA	-10,535356	-0,059	0,310
CHR1	19337593	CHR1:19337593	SSF x Near_LoA	-8,63232424	-0,045	0,307
CHR1	19337697	CHR1:19337697	SSF x Near_LoA	-8,95974429	-0,012	0,310
CHR1	19358244	CHR1:19358244	SSF x Near_LoA	-9,73087671	-0,044	0,308
CHR1	19364034	CHR1:19364034	SSF x Near_LoA	-8,99588595	-0,036	0,307
CHR1	19365560	CHR1:19365560	SSF x Near_LoA	-10,0600421	-0,064	0,309
CHR1	1938540	CHR1:1938540	SSF x Near_LoA	-8,00574419	0,027	0,317
CHR1	1938631	CHR1:1938631	SSF x Near_LoA	-4,95919658	0,218	0,293
CHR1	19398767	CHR1:19398767	SSF x Near_LoA	-10,4091018	-0,019	0,312
CHR1	19398893	CHR1:19398893	SSF x Near_LoA	-6,60817257	-0,048	0,323
CHR1	19401351	CHR1:19401351	SSF x Near_LoA	-8,57383076	0,027	0,306
CHR1	19401353	CHR1:19401353	SSF x Near_LoA	-10,0474813	-0,052	0,298
CHR1	19401413	CHR1:19401413	SSF x Near_LoA	-9,56186618	-0,098	0,313
CHR1	1940291	CHR1:1940291	SSF x Near_LoA	-6,61838102	-0,104	0,306
CHR1	1940370	CHR1:1940370	SSF x Near_LoA	-8,11832566	-0,034	0,312
CHR1	1940376	CHR1:1940376	SSF x Near_LoA	-8,94018667	-0,022	0,313
CHR1	19404321	CHR1:19404321	SSF x Near_LoA	-8,05632549	-0,090	0,305
CHR1	19404338	CHR1:19404338	SSF x Near_LoA	-8,0599427	-0,134	0,306
CHR1	19404363	CHR1:19404363	SSF x Near_LoA	-8,79692235	-0,006	0,316
CHR1	19404401	CHR1:19404401	SSF x Near_LoA	-8,87493369	0,071	0,304
CHR1	19404518	CHR1:19404518	SSF x Near_LoA	-2,69987524	-0,091	0,305
CHR1	19404534	CHR1:19404534	SSF x Near_LoA	-8,70019595	0,105	0,310
CHR1	1941921	CHR1:1941921	SSF x Near_LoA	-8,14655554	-0,087	0,309
CHR1	1941922	CHR1:1941922	SSF x Near_LoA	-6,74672219	-0,080	0,311
CHR1	1941939	CHR1:1941939	SSF x Near_LoA	-10,4328813	0,114	0,301
CHR1	1942011	CHR1:1942011	SSF x Near_LoA	-9,00069374	-0,067	0,313
CHR1	1942068	CHR1:1942068	SSF x Near_LoA	-8,94997408	0,040	0,315
CHR1	19421938	CHR1:19421938	SSF x Near_LoA	-7,50500672	-0,094	0,312
CHR1	19422077	CHR1:19422077	SSF x Near_LoA	-9,35592579	-0,010	0,309
CHR1	19437786	CHR1:19437786	SSF x Near_LoA	-5,137015	-0,124	0,310
CHR1	19461654	CHR1:19461654	SSF x Near_LoA	-8,52936763	-0,160	0,305
CHR1	19485218	CHR1:19485218	SSF x Near_LoA	-6,94079205	-0,086	0,311
CHR1	19485271	CHR1:19485271	SSF x Near_LoA	-12,2810571	-0,033	0,290
CHR1	19485733	CHR1:19485733	SSF x Near_LoA	-9,04173742	0,016	0,318
CHR1	19485780	CHR1:19485780	SSF x Near_LoA	-8,67167643	-0,013	0,306
CHR1	19485786	CHR1:19485786	SSF x Near_LoA	-11,0495397	-0,033	0,303
CHR1	19485820	CHR1:19485820	SSF x Near_LoA	-8,39240884	-0,071	0,318
CHR1	19485827	CHR1:19485827	SSF x Near_LoA	-7,53236037	-0,047	0,303
CHR1	1948675	CHR1:1948675	SSF x Near_LoA	-9,0534049	-0,006	0,312

CHR1	1948710	CHR1:1948710	SSF x Near_LoA	-8,60109013	-0,003	0,321
CHR1	1948737	CHR1:1948737	SSF x Near_LoA	-8,80141562	0,013	0,311
CHR1	19494110	CHR1:19494110	SSF x Near_LoA	-8,2902856	0,081	0,300
CHR1	19494112	CHR1:19494112	SSF x Near_LoA	-9,18197749	0,089	0,305
CHR1	19494113	CHR1:19494113	SSF x Near_LoA	-8,93652329	0,082	0,297
CHR1	19497635	CHR1:19497635	SSF x Near_LoA	-8,43876284	0,007	0,308
CHR1	19497700	CHR1:19497700	SSF x Near_LoA	-9,48175876	0,019	0,303
CHR1	19499708	CHR1:19499708	SSF x Near_LoA	-9,58848993	-0,078	0,287
CHR1	19499941	CHR1:19499941	SSF x Near_LoA	-12,1988302	0,012	0,305
CHR1	2E+07	CHR1:19500823	SSF x Near_LoA	-10,2213087	0,003	0,321
CHR1	2E+07	CHR1:19500848	SSF x Near_LoA	-8,56182433	-0,111	0,302
CHR1	2E+07	CHR1:19500909	SSF x Near_LoA	-9,95016039	0,145	0,309
CHR1	2E+07	CHR1:19505469	SSF x Near_LoA	-11,3688275	-0,018	0,322
CHR1	2E+07	CHR1:19508432	SSF x Near_LoA	-9,58189526	-0,008	0,316
CHR1	2E+07	CHR1:19508492	SSF x Near_LoA	-10,5735036	0,103	0,295
CHR1	2E+07	CHR1:19508499	SSF x Near_LoA	-2,83247836	0,062	0,305
CHR1	2E+07	CHR1:19511866	SSF x Near_LoA	-7,88725215	-0,071	0,319
CHR1	2E+07	CHR1:19511916	SSF x Near_LoA	-7,71499607	0,121	0,312
CHR1	2E+07	CHR1:19513246	SSF x Near_LoA	-9,90944818	-0,093	0,315
CHR1	2E+07	CHR1:19516504	SSF x Near_LoA	-11,4545591	-0,018	0,305
CHR1	2E+07	CHR1:19516621	SSF x Near_LoA	-7,55846892	-0,070	0,325
CHR1	2E+07	CHR1:19516662	SSF x Near_LoA	-8,39925924	0,003	0,316
CHR1	2E+07	CHR1:19516681	SSF x Near_LoA	-10,568807	0,047	0,315
CHR1	1952247	CHR1:1952247	SSF x Near_LoA	-8,7631754	0,080	0,313
CHR1	1952501	CHR1:1952501	SSF x Near_LoA	-9,5054588	0,073	0,308
CHR1	2E+07	CHR1:19528134	SSF x Near_LoA	-9,24383774	-0,041	0,314
CHR1	2E+07	CHR1:19528147	SSF x Near_LoA	-9,06860995	0,037	0,308
CHR1	2E+07	CHR1:19528217	SSF x Near_LoA	-7,74392367	0,079	0,312
CHR1	2E+07	CHR1:19528286	SSF x Near_LoA	-9,55036514	0,158	0,292
CHR1	2E+07	CHR1:19528296	SSF x Near_LoA	-6,58045758	0,161	0,287
CHR1	2E+07	CHR1:19528319	SSF x Near_LoA	0,9648384	0,045	0,328
CHR1	2E+07	CHR1:19528393	SSF x Near_LoA	-9,58813575	0,025	0,307
CHR1	2E+07	CHR1:19531928	SSF x Near_LoA	-8,95712785	-0,031	0,314
CHR1	2E+07	CHR1:19531959	SSF x Near_LoA	-5,15456151	-0,042	0,314
CHR1	2E+07	CHR1:19531964	SSF x Near_LoA	-8,74826166	-0,084	0,304
CHR1	2E+07	CHR1:19532047	SSF x Near_LoA	-7,68071272	-0,116	0,309
CHR1	2E+07	CHR1:19534805	SSF x Near_LoA	-9,10255054	-0,087	0,308
CHR1	2E+07	CHR1:19534829	SSF x Near_LoA	-7,9050298	0,021	0,316
CHR1	2E+07	CHR1:19534886	SSF x Near_LoA	-10,1956175	-0,092	0,310
CHR1	2E+07	CHR1:19534895	SSF x Near_LoA	-8,80709812	-0,009	0,316
CHR1	2E+07	CHR1:19534906	SSF x Near_LoA	-7,95733165	-0,116	0,297
CHR1	2E+07	CHR1:19542420	SSF x Near_LoA	-10,6610106	0,012	0,293
CHR1	2E+07	CHR1:19542451	SSF x Near_LoA	-10,2996918	-0,155	0,302
CHR1	2E+07	CHR1:19542462	SSF x Near_LoA	-9,54067452	-0,116	0,302
CHR1	2E+07	CHR1:19542474	SSF x Near_LoA	-9,17274608	-0,006	0,313
CHR1	2E+07	CHR1:19542613	SSF x Near_LoA	-9,18064287	-0,042	0,311
CHR1	2E+07	CHR1:19544898	SSF x Near_LoA	-9,24302106	-0,037	0,315
CHR1	2E+07	CHR1:19551488	SSF x Near_LoA	-10,3704688	0,085	0,310
CHR1	2E+07	CHR1:19555031	SSF x Near_LoA	-9,26425971	0,112	0,308
CHR1	2E+07	CHR1:19555043	SSF x Near_LoA	-8,96819013	-0,059	0,306
CHR1	2E+07	CHR1:19555091	SSF x Near_LoA	-8,22402561	-0,041	0,307
CHR1	2E+07	CHR1:19555199	SSF x Near_LoA	-7,05447405	-0,099	0,306
CHR1	2E+07	CHR1:19570795	SSF x Near_LoA	-10,8797157	0,022	0,306

CHR1	2E+07	CHR1:19570817	SSF x Near_LoA	-8,42317675	0,055	0,301
CHR1	2E+07	CHR1:19570821	SSF x Near_LoA	-7,62475654	0,041	0,304
CHR1	2E+07	CHR1:19570853	SSF x Near_LoA	-9,90961623	0,059	0,300
CHR1	2E+07	CHR1:19570895	SSF x Near_LoA	-8,67362909	-0,102	0,301
CHR1	2E+07	CHR1:19570901	SSF x Near_LoA	-10,5914351	-0,069	0,298
CHR1	2E+07	CHR1:19576263	SSF x Near_LoA	-8,51935177	0,042	0,306
CHR1	2E+07	CHR1:19576391	SSF x Near_LoA	-9,67565043	-0,026	0,300
CHR1	2E+07	CHR1:19576392	SSF x Near_LoA	-8,89853924	0,098	0,316
CHR1	2E+07	CHR1:19578170	SSF x Near_LoA	-12,0044585	-0,109	0,297
CHR1	1958416	CHR1:1958416	SSF x Near_LoA	-9,84941831	-0,070	0,305
CHR1	1958427	CHR1:1958427	SSF x Near_LoA	-7,61247436	0,027	0,293
CHR1	2E+07	CHR1:19592148	SSF x Near_LoA	-9,79475905	0,110	0,306
CHR1	2E+07	CHR1:19592212	SSF x Near_LoA	-9,91848094	-0,141	0,308
CHR1	2E+07	CHR1:19592228	SSF x Near_LoA	-10,340267	0,030	0,294
CHR1	2E+07	CHR1:19592326	SSF x Near_LoA	-3,32174314	0,197	0,301
CHR1	2E+07	CHR1:19592340	SSF x Near_LoA	-8,7040148	-0,102	0,311
CHR1	2E+07	CHR1:19592381	SSF x Near_LoA	-8,59300037	0,099	0,294
CHR1	2E+07	CHR1:19592385	SSF x Near_LoA	-8,28902279	-0,053	0,313
CHR1	2E+07	CHR1:19592388	SSF x Near_LoA	-10,0133355	-0,039	0,317
CHR1	2E+07	CHR1:19592426	SSF x Near_LoA	-9,8848476	-0,026	0,304
CHR1	2E+07	CHR1:19592428	SSF x Near_LoA	-10,1126623	-0,039	0,317
CHR1	2E+07	CHR1:19604538	SSF x Near_LoA	-8,55525926	-0,025	0,311
CHR1	2E+07	CHR1:19604766	SSF x Near_LoA	-7,55688592	-0,123	0,310
CHR1	2E+07	CHR1:19604808	SSF x Near_LoA	-10,2472962	0,032	0,303
CHR1	2E+07	CHR1:19604853	SSF x Near_LoA	-9,73551502	-0,054	0,306
CHR1	2E+07	CHR1:19604857	SSF x Near_LoA	-9,92846249	-0,042	0,320
CHR1	2E+07	CHR1:19604858	SSF x Near_LoA	-11,0249359	-0,051	0,296
CHR1	2E+07	CHR1:19607068	SSF x Near_LoA	-9,07263599	-0,072	0,310
CHR1	2E+07	CHR1:19607083	SSF x Near_LoA	-7,37272223	-0,054	0,319
CHR1	2E+07	CHR1:19607179	SSF x Near_LoA	-8,78644208	-0,011	0,305
CHR1	2E+07	CHR1:19607289	SSF x Near_LoA	-10,3382297	0,016	0,296
CHR1	2E+07	CHR1:19609158	SSF x Near_LoA	-9,21983347	0,016	0,320
CHR1	2E+07	CHR1:19609179	SSF x Near_LoA	-6,43724772	-0,195	0,300
CHR1	2E+07	CHR1:19609187	SSF x Near_LoA	-7,8411619	-0,121	0,303
CHR1	2E+07	CHR1:19609247	SSF x Near_LoA	-7,56413564	-0,165	0,298
CHR1	2E+07	CHR1:19609353	SSF x Near_LoA	-8,63745892	-0,006	0,320
CHR1	2E+07	CHR1:19609368	SSF x Near_LoA	-8,11017879	-0,037	0,304
CHR1	2E+07	CHR1:19612617	SSF x Near_LoA	-3,66120816	-0,073	0,303
CHR1	2E+07	CHR1:19612663	SSF x Near_LoA	-11,5604206	0,042	0,302
CHR1	2E+07	CHR1:19612681	SSF x Near_LoA	-9,78812463	0,032	0,314
CHR1	2E+07	CHR1:19614524	SSF x Near_LoA	-10,5416351	-0,057	0,306
CHR1	2E+07	CHR1:19614647	SSF x Near_LoA	-8,73881895	0,022	0,313
CHR1	2E+07	CHR1:19618584	SSF x Near_LoA	-9,65863104	0,044	0,299
CHR1	2E+07	CHR1:19618724	SSF x Near_LoA	-10,0357069	-0,028	0,316
CHR1	2E+07	CHR1:19631191	SSF x Near_LoA	-9,3728322	0,067	0,307
CHR1	2E+07	CHR1:19631250	SSF x Near_LoA	-10,1150495	0,035	0,311
CHR1	2E+07	CHR1:19631280	SSF x Near_LoA	-9,19103957	0,020	0,306
CHR1	2E+07	CHR1:19631288	SSF x Near_LoA	-8,51842673	0,035	0,322
CHR1	2E+07	CHR1:19634296	SSF x Near_LoA	-10,4650752	0,032	0,302
CHR1	2E+07	CHR1:19634307	SSF x Near_LoA	-10,4245986	0,003	0,303
CHR1	2E+07	CHR1:19634367	SSF x Near_LoA	-6,80676459	0,099	0,300
CHR1	2E+07	CHR1:19634421	SSF x Near_LoA	-8,02420896	0,098	0,294
CHR1	2E+07	CHR1:19634571	SSF x Near_LoA	-11,8016217	-0,005	0,303

CHR1	2E+07	CHR1:19636657	SSF x Near_LoA	-9,82262456	-0,023	0,327
CHR1	2E+07	CHR1:19636686	SSF x Near_LoA	-9,07174278	-0,074	0,296
CHR1	2E+07	CHR1:19641033	SSF x Near_LoA	-11,4579675	0,084	0,304
CHR1	2E+07	CHR1:19641036	SSF x Near_LoA	-9,9041847	-0,095	0,298
CHR1	2E+07	CHR1:19641101	SSF x Near_LoA	-6,97928258	0,142	0,311
CHR1	2E+07	CHR1:19641130	SSF x Near_LoA	-9,3055354	0,167	0,299
CHR1	2E+07	CHR1:19641177	SSF x Near_LoA	-8,2109597	-0,043	0,320
CHR1	2E+07	CHR1:19646287	SSF x Near_LoA	-8,14818372	0,052	0,313
CHR1	2E+07	CHR1:19646288	SSF x Near_LoA	-8,79100209	0,064	0,311
CHR1	2E+07	CHR1:19646311	SSF x Near_LoA	-8,96300723	-0,007	0,316
CHR1	2E+07	CHR1:19646322	SSF x Near_LoA	-10,8057035	0,074	0,296
CHR1	1965408	CHR1:1965408	SSF x Near_LoA	-6,6682695	-0,064	0,297
CHR1	1965562	CHR1:1965562	SSF x Near_LoA	-8,64417445	-0,017	0,304
CHR1	1965582	CHR1:1965582	SSF x Near_LoA	-8,94085996	0,014	0,313
CHR1	2E+07	CHR1:19659253	SSF x Near_LoA	-9,42818762	-0,060	0,295
CHR1	2E+07	CHR1:19659260	SSF x Near_LoA	-8,30944316	-0,065	0,311
CHR1	2E+07	CHR1:19659270	SSF x Near_LoA	-8,66121466	0,068	0,318
CHR1	2E+07	CHR1:19659271	SSF x Near_LoA	-9,01531094	0,054	0,308
CHR1	2E+07	CHR1:19664302	SSF x Near_LoA	-11,8406203	-0,097	0,287
CHR1	2E+07	CHR1:19664306	SSF x Near_LoA	-5,60706641	0,001	0,327
CHR1	2E+07	CHR1:19664341	SSF x Near_LoA	-9,74510743	0,008	0,295
CHR1	2E+07	CHR1:19665886	SSF x Near_LoA	-7,57323432	-0,153	0,306
CHR1	2E+07	CHR1:19665903	SSF x Near_LoA	-9,69679145	0,043	0,320
CHR1	2E+07	CHR1:19672192	SSF x Near_LoA	-6,39387781	-0,182	0,300
CHR1	2E+07	CHR1:19672315	SSF x Near_LoA	-5,11388211	0,158	0,306
CHR1	2E+07	CHR1:19672338	SSF x Near_LoA	-9,77994168	0,037	0,314
CHR1	2E+07	CHR1:19672372	SSF x Near_LoA	-8,60750122	-0,057	0,308
CHR1	2E+07	CHR1:19672381	SSF x Near_LoA	-6,91360645	0,123	0,301
CHR1	2E+07	CHR1:19679441	SSF x Near_LoA	-10,2939908	-0,101	0,318
CHR1	2E+07	CHR1:19686392	SSF x Near_LoA	-9,35631605	0,025	0,315
CHR1	2E+07	CHR1:19686418	SSF x Near_LoA	-11,8752379	-0,010	0,294
CHR1	2E+07	CHR1:19686463	SSF x Near_LoA	-10,5313042	-0,057	0,302
CHR1	2E+07	CHR1:19686505	SSF x Near_LoA	-9,9070635	0,024	0,311
CHR1	2E+07	CHR1:19686767	SSF x Near_LoA	-6,30799733	-0,087	0,302
CHR1	2E+07	CHR1:19686775	SSF x Near_LoA	-6,7815974	-0,097	0,297
CHR1	2E+07	CHR1:19686789	SSF x Near_LoA	-7,73988093	0,077	0,313
CHR1	2E+07	CHR1:19686797	SSF x Near_LoA	-8,25055634	0,000	0,318
CHR1	2E+07	CHR1:19686804	SSF x Near_LoA	-8,79451007	0,099	0,311
CHR1	2E+07	CHR1:19686822	SSF x Near_LoA	-8,31720048	0,014	0,316
CHR1	2E+07	CHR1:19686826	SSF x Near_LoA	-9,22142156	-0,121	0,312
CHR1	2E+07	CHR1:19686877	SSF x Near_LoA	-8,82133848	0,095	0,305
CHR1	2E+07	CHR1:19691372	SSF x Near_LoA	-7,69269413	-0,160	0,304
CHR1	2E+07	CHR1:19691381	SSF x Near_LoA	-9,42701392	-0,086	0,308
CHR1	2E+07	CHR1:19691419	SSF x Near_LoA	-9,31777495	-0,026	0,310
CHR1	2E+07	CHR1:19691488	SSF x Near_LoA	-8,686172	0,035	0,303
CHR1	2E+07	CHR1:19695488	SSF x Near_LoA	-8,7824867	-0,020	0,305
CHR1	2E+07	CHR1:19695500	SSF x Near_LoA	-8,56527951	0,130	0,309
CHR1	2E+07	CHR1:19695527	SSF x Near_LoA	-5,92435395	-0,198	0,293
CHR1	2E+07	CHR1:19695597	SSF x Near_LoA	-8,99427007	0,035	0,296
CHR1	2E+07	CHR1:19695639	SSF x Near_LoA	-8,46375397	0,185	0,297
CHR1	2E+07	CHR1:19695653	SSF x Near_LoA	-8,61155062	0,031	0,321
CHR1	2E+07	CHR1:19700022	SSF x Near_LoA	-10,4138998	0,004	0,301
CHR1	2E+07	CHR1:19700146	SSF x Near_LoA	-4,89232634	-0,135	0,291

CHR1	2E+07	CHR1:19700149	SSF x Near_LoA	-10,9410436	-0,020	0,308
CHR1	2E+07	CHR1:19700214	SSF x Near_LoA	-9,66535712	-0,004	0,307
CHR1	2E+07	CHR1:19708353	SSF x Near_LoA	-10,6231859	0,000	0,301
CHR1	2E+07	CHR1:19713926	SSF x Near_LoA	-10,8002245	-0,059	0,295
CHR1	2E+07	CHR1:19713956	SSF x Near_LoA	-6,7676359	0,053	0,309
CHR1	2E+07	CHR1:19713966	SSF x Near_LoA	-8,01694612	0,010	0,308
CHR1	2E+07	CHR1:19713985	SSF x Near_LoA	-9,55707819	-0,038	0,312
CHR1	2E+07	CHR1:19713988	SSF x Near_LoA	-8,88832326	-0,025	0,296
CHR1	2E+07	CHR1:19713993	SSF x Near_LoA	-10,8617209	-0,012	0,294
CHR1	2E+07	CHR1:19713994	SSF x Near_LoA	-8,88417138	-0,066	0,281
CHR1	2E+07	CHR1:19717391	SSF x Near_LoA	-7,81824619	-0,049	0,308
CHR1	2E+07	CHR1:19717416	SSF x Near_LoA	-10,8415162	0,011	0,308
CHR1	2E+07	CHR1:19717419	SSF x Near_LoA	-11,0426747	0,069	0,308
CHR1	2E+07	CHR1:19717425	SSF x Near_LoA	-11,9520332	-0,021	0,308
CHR1	2E+07	CHR1:19717458	SSF x Near_LoA	-11,1649505	-0,014	0,306
CHR1	2E+07	CHR1:19717459	SSF x Near_LoA	-9,21791588	0,032	0,301
CHR1	2E+07	CHR1:19717675	SSF x Near_LoA	-10,5268768	0,015	0,297
CHR1	2E+07	CHR1:19729334	SSF x Near_LoA	-9,21519659	-0,041	0,300
CHR1	2E+07	CHR1:19729354	SSF x Near_LoA	5,94987917	-0,054	0,311
CHR1	2E+07	CHR1:19733299	SSF x Near_LoA	-10,7920081	-0,070	0,315
CHR1	2E+07	CHR1:19744549	SSF x Near_LoA	-8,69501778	-0,122	0,303
CHR1	2E+07	CHR1:19744588	SSF x Near_LoA	-8,04548366	0,173	0,296
CHR1	2E+07	CHR1:19750315	SSF x Near_LoA	-9,21740169	-0,070	0,315
CHR1	2E+07	CHR1:19764907	SSF x Near_LoA	-7,53271698	-0,152	0,306
CHR1	2E+07	CHR1:19768923	SSF x Near_LoA	-8,80264383	-0,090	0,303
CHR1	2E+07	CHR1:19768965	SSF x Near_LoA	-10,194841	0,098	0,295
CHR1	2E+07	CHR1:19769087	SSF x Near_LoA	-9,47780078	-0,043	0,322
CHR1	2E+07	CHR1:19770801	SSF x Near_LoA	-8,20145476	0,078	0,296
CHR1	2E+07	CHR1:19772461	SSF x Near_LoA	-8,86909522	0,030	0,311
CHR1	2E+07	CHR1:19782572	SSF x Near_LoA	-10,483908	-0,039	0,320
CHR1	2E+07	CHR1:19782653	SSF x Near_LoA	-9,8093813	-0,054	0,299
CHR1	2E+07	CHR1:19782655	SSF x Near_LoA	-9,13822126	-0,068	0,301
CHR1	2E+07	CHR1:19782657	SSF x Near_LoA	-8,42600921	-0,064	0,309
CHR1	2E+07	CHR1:19786593	SSF x Near_LoA	-7,69741837	-0,003	0,323
CHR1	2E+07	CHR1:19786855	SSF x Near_LoA	-7,64778174	0,135	0,309
CHR1	2E+07	CHR1:19807622	SSF x Near_LoA	-8,84402924	-0,024	0,303
CHR1	2E+07	CHR1:19807662	SSF x Near_LoA	-8,44013886	0,011	0,297
CHR1	2E+07	CHR1:19807709	SSF x Near_LoA	-4,84104601	-0,089	0,314
CHR1	2E+07	CHR1:19807717	SSF x Near_LoA	-10,6054505	-0,092	0,316
CHR1	2E+07	CHR1:19815515	SSF x Near_LoA	-8,41528734	-0,105	0,294
CHR1	2E+07	CHR1:19815651	SSF x Near_LoA	-8,39013752	-0,032	0,320
CHR1	2E+07	CHR1:19819688	SSF x Near_LoA	-8,19717923	0,106	0,290
CHR1	2E+07	CHR1:19819699	SSF x Near_LoA	-5,93018002	0,136	0,297
CHR1	2E+07	CHR1:19820529	SSF x Near_LoA	-11,7632015	0,030	0,306
CHR1	2E+07	CHR1:19822179	SSF x Near_LoA	-10,4924809	0,075	0,294
CHR1	1982251	CHR1:1982251	SSF x Near_LoA	-11,8939325	0,062	0,294
CHR1	1982271	CHR1:1982271	SSF x Near_LoA	-8,0304145	-0,084	0,300
CHR1	1982276	CHR1:1982276	SSF x Near_LoA	-9,97775623	-0,044	0,312
CHR1	1982305	CHR1:1982305	SSF x Near_LoA	-11,0889248	0,008	0,299
CHR1	2E+07	CHR1:19826944	SSF x Near_LoA	-10,9926035	0,079	0,299
CHR1	2E+07	CHR1:19841290	SSF x Near_LoA	-11,5684666	-0,107	0,318
CHR1	2E+07	CHR1:19859584	SSF x Near_LoA	-8,52455891	-0,057	0,296
CHR1	1986171	CHR1:1986171	SSF x Near_LoA	-7,02802918	-0,161	0,295

CHR1	1986252	CHR1:1986252	SSF x Near_LoA	-8,61049934	-0,147	0,299
CHR1	2E+07	CHR1:19895986	SSF x Near_LoA	-9,46807086	0,076	0,293
CHR1	1990811	CHR1:1990811	SSF x Near_LoA	-10,4262243	-0,114	0,298
CHR1	2E+07	CHR1:19913208	SSF x Near_LoA	-10,9397784	-0,053	0,320
CHR1	2E+07	CHR1:19913258	SSF x Near_LoA	-9,07613985	0,026	0,303
CHR1	2E+07	CHR1:19928979	SSF x Near_LoA	-8,83953782	0,095	0,304
CHR1	2E+07	CHR1:19938775	SSF x Near_LoA	-8,14890897	-0,041	0,310
CHR1	2E+07	CHR1:19939436	SSF x Near_LoA	-9,30957832	-0,055	0,322
CHR1	2E+07	CHR1:19957431	SSF x Near_LoA	-9,00169639	-0,040	0,310
CHR1	2E+07	CHR1:19957437	SSF x Near_LoA	-10,6249882	-0,041	0,308
CHR1	2E+07	CHR1:19957438	SSF x Near_LoA	-10,5126356	-0,037	0,305
CHR1	2E+07	CHR1:19957442	SSF x Near_LoA	-6,18492526	-0,026	0,322
CHR1	2E+07	CHR1:19957446	SSF x Near_LoA	-10,9392781	-0,051	0,311
CHR1	2E+07	CHR1:19957453	SSF x Near_LoA	-11,3828725	-0,063	0,295
CHR1	2E+07	CHR1:19957478	SSF x Near_LoA	-8,8450912	-0,071	0,304
CHR1	2E+07	CHR1:19957547	SSF x Near_LoA	-7,36860609	-0,091	0,305
CHR1	2E+07	CHR1:19957553	SSF x Near_LoA	-9,47362822	-0,050	0,308
CHR1	2E+07	CHR1:19957622	SSF x Near_LoA	-7,56255269	-0,111	0,309
CHR1	2E+07	CHR1:19957675	SSF x Near_LoA	-9,34260026	0,075	0,315
CHR1	2E+07	CHR1:19957688	SSF x Near_LoA	-8,62579348	0,041	0,319
CHR1	2E+07	CHR1:19957694	SSF x Near_LoA	-9,3554334	0,030	0,296
CHR1	2E+07	CHR1:19963351	SSF x Near_LoA	-10,4757211	-0,005	0,312
CHR1	2E+07	CHR1:19963772	SSF x Near_LoA	-3,20562799	-0,078	0,305
CHR1	2E+07	CHR1:19963775	SSF x Near_LoA	-9,3379096	0,002	0,310
CHR1	2E+07	CHR1:19963787	SSF x Near_LoA	-8,79604501	0,008	0,315
CHR1	2E+07	CHR1:19963823	SSF x Near_LoA	-9,90645104	0,079	0,304
CHR1	2E+07	CHR1:19963843	SSF x Near_LoA	-9,84536958	-0,008	0,315
CHR1	2E+07	CHR1:19963849	SSF x Near_LoA	-8,78989179	-0,013	0,314
CHR1	2E+07	CHR1:19963850	SSF x Near_LoA	-9,47447731	-0,037	0,308
CHR1	2E+07	CHR1:19963868	SSF x Near_LoA	-11,0587128	0,037	0,307
CHR1	2E+07	CHR1:19963872	SSF x Near_LoA	-10,3359984	-0,026	0,305
CHR1	2E+07	CHR1:19963894	SSF x Near_LoA	-7,7921922	-0,096	0,313
CHR1	2E+07	CHR1:19963902	SSF x Near_LoA	-11,3818464	-0,041	0,309
CHR1	2E+07	CHR1:19969586	SSF x Near_LoA	-8,83959989	0,083	0,292
CHR1	2E+07	CHR1:19969648	SSF x Near_LoA	-11,9070404	0,016	0,307
CHR1	1997049	CHR1:1997049	SSF x Near_LoA	-11,4277702	-0,042	0,304
CHR1	1997067	CHR1:1997067	SSF x Near_LoA	-8,76717509	-0,087	0,297
CHR1	1997139	CHR1:1997139	SSF x Near_LoA	0,68030903	0,132	0,304
CHR1	2E+07	CHR1:19974915	SSF x Near_LoA	-2,20259098	-0,109	0,306
CHR1	2E+07	CHR1:19974980	SSF x Near_LoA	-5,15406894	-0,058	0,311
CHR1	2E+07	CHR1:19974983	SSF x Near_LoA	-10,3841265	0,173	0,296
CHR1	2E+07	CHR1:19975044	SSF x Near_LoA	-5,41002978	0,168	0,301
CHR1	2E+07	CHR1:19975124	SSF x Near_LoA	-9,16926669	-0,004	0,306
CHR1	1997898	CHR1:1997898	SSF x Near_LoA	-7,75901616	0,019	0,314
CHR1	1997967	CHR1:1997967	SSF x Near_LoA	-7,93039846	-0,036	0,316
CHR1	1998003	CHR1:1998003	SSF x Near_LoA	-10,007194	0,014	0,315
CHR1	1998041	CHR1:1998041	SSF x Near_LoA	-10,7417559	-0,080	0,301
CHR1	1998195	CHR1:1998195	SSF x Near_LoA	-11,3203496	0,029	0,315
CHR1	2E+07	CHR1:19996212	SSF x Near_LoA	-7,80377021	0,108	0,304
CHR1	2E+07	CHR1:20000183	SSF x Near_LoA	-1,43520791	0,106	0,303
CHR1	2E+07	CHR1:20000254	SSF x Near_LoA	-9,31585936	-0,011	0,319
CHR1	2E+07	CHR1:20000262	SSF x Near_LoA	-5,56997991	0,033	0,314
CHR1	2E+07	CHR1:20004790	SSF x Near_LoA	-11,1626505	0,013	0,302

CHR1	2E+07	CHR1:20011394	SSF x Near_LoA	-11,388107	0,088	0,300
CHR1	2E+07	CHR1:20014680	SSF x Near_LoA	-8,19342116	0,031	0,298
CHR1	2E+07	CHR1:20014736	SSF x Near_LoA	-10,5667115	-0,046	0,313
CHR1	2E+07	CHR1:20017560	SSF x Near_LoA	-8,45307027	-0,080	0,304
CHR1	2E+07	CHR1:20020949	SSF x Near_LoA	-7,91511063	-0,050	0,314
CHR1	2E+07	CHR1:20020997	SSF x Near_LoA	-9,53156723	-0,116	0,306
CHR1	2E+07	CHR1:20024733	SSF x Near_LoA	-10,7811547	-0,082	0,311
CHR1	2002683	CHR1:2002683	SSF x Near_LoA	-9,41272294	-0,075	0,301
CHR1	2E+07	CHR1:20032990	SSF x Near_LoA	-2,64586022	-0,087	0,298
CHR1	2E+07	CHR1:20033164	SSF x Near_LoA	-7,37088258	-0,067	0,304
CHR1	2004413	CHR1:2004413	SSF x Near_LoA	-6,44746182	0,167	0,299
CHR1	2E+07	CHR1:20044376	SSF x Near_LoA	-11,2533473	-0,038	0,309
CHR1	2E+07	CHR1:20045699	SSF x Near_LoA	-8,26396022	-0,024	0,300
CHR1	2E+07	CHR1:20045700	SSF x Near_LoA	-7,97989553	-0,006	0,308
CHR1	2E+07	CHR1:20049590	SSF x Near_LoA	-8,78253918	0,076	0,298
CHR1	2E+07	CHR1:20049793	SSF x Near_LoA	-8,11292613	0,003	0,315
CHR1	2E+07	CHR1:20049840	SSF x Near_LoA	-10,4478561	-0,092	0,308
CHR1	2E+07	CHR1:20064220	SSF x Near_LoA	-9,78455663	-0,024	0,316
CHR1	2E+07	CHR1:20064413	SSF x Near_LoA	-7,28052841	0,187	0,307
CHR1	2E+07	CHR1:20064491	SSF x Near_LoA	-8,4003703	-0,062	0,308
CHR1	2E+07	CHR1:20066900	SSF x Near_LoA	-10,8549655	0,023	0,305
CHR1	2E+07	CHR1:20066931	SSF x Near_LoA	-11,2593775	-0,058	0,313
CHR1	2E+07	CHR1:20067076	SSF x Near_LoA	-10,9762902	-0,023	0,299
CHR1	2E+07	CHR1:20073023	SSF x Near_LoA	-10,2998362	-0,022	0,295
CHR1	2E+07	CHR1:20073079	SSF x Near_LoA	-6,46759155	0,118	0,295
CHR1	2E+07	CHR1:20073612	SSF x Near_LoA	-10,4067365	-0,099	0,296
CHR1	2E+07	CHR1:20076469	SSF x Near_LoA	-6,26348008	-0,020	0,315
CHR1	2E+07	CHR1:20076519	SSF x Near_LoA	-7,66966354	-0,138	0,317
CHR1	2E+07	CHR1:20077979	SSF x Near_LoA	-9,56271229	-0,022	0,300
CHR1	2E+07	CHR1:20077987	SSF x Near_LoA	-7,12261904	-0,024	0,313
CHR1	2E+07	CHR1:20078200	SSF x Near_LoA	-9,30915054	0,009	0,322
CHR1	2E+07	CHR1:20082322	SSF x Near_LoA	-7,86743275	0,149	0,314
CHR1	2E+07	CHR1:20082325	SSF x Near_LoA	-3,87549689	-0,008	0,322
CHR1	2E+07	CHR1:20082330	SSF x Near_LoA	-11,0049588	0,004	0,303
CHR1	2E+07	CHR1:20082344	SSF x Near_LoA	-8,05749298	0,116	0,310
CHR1	2E+07	CHR1:20082373	SSF x Near_LoA	-9,91267988	-0,027	0,313
CHR1	2E+07	CHR1:20082646	SSF x Near_LoA	-10,2407556	-0,019	0,310
CHR1	2E+07	CHR1:20082647	SSF x Near_LoA	-9,89599928	0,006	0,284
CHR1	2E+07	CHR1:20088078	SSF x Near_LoA	-9,4031494	0,030	0,296
CHR1	2E+07	CHR1:20088089	SSF x Near_LoA	-10,142743	0,073	0,321
CHR1	2E+07	CHR1:20088114	SSF x Near_LoA	-9,51427642	-0,014	0,322
CHR1	2E+07	CHR1:20088125	SSF x Near_LoA	-8,151585	0,059	0,318
CHR1	2E+07	CHR1:20088140	SSF x Near_LoA	-9,32055889	0,036	0,324
CHR1	2E+07	CHR1:20092519	SSF x Near_LoA	-10,0644961	0,048	0,303
CHR1	2E+07	CHR1:20092609	SSF x Near_LoA	-7,24614243	0,018	0,308
CHR1	2009589	CHR1:2009589	SSF x Near_LoA	-4,6313578	0,066	0,303
CHR1	2009614	CHR1:2009614	SSF x Near_LoA	-11,1182788	0,002	0,304
CHR1	2E+07	CHR1:20102144	SSF x Near_LoA	-9,98442609	0,104	0,318
CHR1	2E+07	CHR1:20102282	SSF x Near_LoA	-7,72438035	-0,053	0,312
CHR1	2E+07	CHR1:20120795	SSF x Near_LoA	-7,86465765	0,087	0,314
CHR1	2E+07	CHR1:20121236	SSF x Near_LoA	-8,2621554	-0,008	0,295
CHR1	2012167	CHR1:2012167	SSF x Near_LoA	4,1679379	0,043	0,303
CHR1	2012182	CHR1:2012182	SSF x Near_LoA	-9,07669631	0,000	0,314

CHR1	2012234	CHR1:2012234	SSF x Near_LoA	-10,8178509	-0,033	0,299
CHR1	2E+07	CHR1:20123747	SSF x Near_LoA	-10,8238413	0,066	0,317
CHR1	2E+07	CHR1:20123780	SSF x Near_LoA	-9,81163824	-0,009	0,332
CHR1	2E+07	CHR1:20123791	SSF x Near_LoA	-11,5537712	0,062	0,296
CHR1	2E+07	CHR1:20123798	SSF x Near_LoA	-10,7505989	-0,067	0,312
CHR1	2E+07	CHR1:20123813	SSF x Near_LoA	-11,6130573	-0,066	0,300
CHR1	2E+07	CHR1:20133828	SSF x Near_LoA	-9,54066276	0,121	0,301
CHR1	2E+07	CHR1:20133975	SSF x Near_LoA	-9,59730494	-0,043	0,311
CHR1	2E+07	CHR1:20137342	SSF x Near_LoA	-10,6638598	-0,062	0,317
CHR1	2E+07	CHR1:20137411	SSF x Near_LoA	-10,8682951	0,077	0,305
CHR1	2E+07	CHR1:20146489	SSF x Near_LoA	-10,4390702	-0,080	0,300
CHR1	2E+07	CHR1:20156663	SSF x Near_LoA	-11,1030503	-0,013	0,304
CHR1	2E+07	CHR1:20156871	SSF x Near_LoA	-8,87823035	0,019	0,289
CHR1	2E+07	CHR1:20156879	SSF x Near_LoA	-9,04822589	0,034	0,296
CHR1	2E+07	CHR1:20166199	SSF x Near_LoA	-10,860843	-0,085	0,311
CHR1	2E+07	CHR1:20176917	SSF x Near_LoA	-9,98983313	-0,021	0,311
CHR1	2E+07	CHR1:20183028	SSF x Near_LoA	-6,08822222	-0,124	0,300
CHR1	2E+07	CHR1:20183033	SSF x Near_LoA	-8,53143701	0,005	0,298
CHR1	2E+07	CHR1:20183113	SSF x Near_LoA	-9,93282741	0,037	0,313
CHR1	2E+07	CHR1:20183164	SSF x Near_LoA	-8,68140662	-0,006	0,305
CHR1	2E+07	CHR1:20183166	SSF x Near_LoA	-8,92809179	-0,024	0,309
CHR1	2E+07	CHR1:20203228	SSF x Near_LoA	-10,1104197	0,108	0,300
CHR1	2E+07	CHR1:20203914	SSF x Near_LoA	-11,8017569	0,041	0,302
CHR1	2E+07	CHR1:20203960	SSF x Near_LoA	-8,99384099	-0,098	0,318
CHR1	2E+07	CHR1:20204090	SSF x Near_LoA	-6,41779127	0,165	0,271
CHR1	2E+07	CHR1:20204093	SSF x Near_LoA	-7,0674919	0,160	0,290
CHR1	2020561	CHR1:2020561	SSF x Near_LoA	-4,5340182	-0,190	0,310
CHR1	2020777	CHR1:2020777	SSF x Near_LoA	-8,68759526	0,053	0,313
CHR1	2E+07	CHR1:20211601	SSF x Near_LoA	-9,36490779	0,051	0,304
CHR1	2E+07	CHR1:20211696	SSF x Near_LoA	-10,373135	0,086	0,294
CHR1	2E+07	CHR1:20211733	SSF x Near_LoA	-5,25957588	-0,089	0,299
CHR1	2E+07	CHR1:20211750	SSF x Near_LoA	-10,3537311	0,015	0,300
CHR1	2E+07	CHR1:20214711	SSF x Near_LoA	-8,26359739	-0,029	0,321
CHR1	2E+07	CHR1:20224504	SSF x Near_LoA	-10,4023487	0,074	0,304
CHR1	2E+07	CHR1:20224509	SSF x Near_LoA	-9,93930502	-0,029	0,301
CHR1	2E+07	CHR1:20224516	SSF x Near_LoA	-8,36390805	0,088	0,301
CHR1	2E+07	CHR1:20224562	SSF x Near_LoA	-9,82714421	0,063	0,311
CHR1	2E+07	CHR1:20224681	SSF x Near_LoA	-8,93161111	-0,017	0,314
CHR1	2E+07	CHR1:20224698	SSF x Near_LoA	-8,38721084	-0,049	0,304
CHR1	2E+07	CHR1:20224786	SSF x Near_LoA	-9,74704827	0,020	0,320
CHR1	2E+07	CHR1:20224787	SSF x Near_LoA	-9,53765164	0,021	0,307
CHR1	2E+07	CHR1:20224788	SSF x Near_LoA	-6,36872729	0,031	0,320
CHR1	2E+07	CHR1:20224792	SSF x Near_LoA	-7,37597361	-0,016	0,301
CHR1	2E+07	CHR1:20232181	SSF x Near_LoA	-7,80120653	0,147	0,309
CHR1	2E+07	CHR1:20232225	SSF x Near_LoA	-7,51207015	-0,123	0,320
CHR1	2E+07	CHR1:20232285	SSF x Near_LoA	-9,2397315	-0,029	0,318
CHR1	2E+07	CHR1:20259734	SSF x Near_LoA	-6,71575037	0,185	0,294
CHR1	2E+07	CHR1:20264751	SSF x Near_LoA	-7,42849397	-0,075	0,312
CHR1	2E+07	CHR1:20264758	SSF x Near_LoA	-7,08790421	-0,101	0,300
CHR1	2E+07	CHR1:20264952	SSF x Near_LoA	-6,75284659	-0,149	0,310
CHR1	2E+07	CHR1:20264993	SSF x Near_LoA	-5,12500557	-0,151	0,302
CHR1	2E+07	CHR1:20265017	SSF x Near_LoA	-10,5982395	0,000	0,310
CHR1	2E+07	CHR1:20277736	SSF x Near_LoA	-11,4402582	0,050	0,297

CHR1	2E+07	CHR1:20283467	SSF x Near_LoA	-8,68161246	-0,073	0,315
CHR1	2E+07	CHR1:20283490	SSF x Near_LoA	-10,5757675	-0,022	0,298
CHR1	2E+07	CHR1:20283502	SSF x Near_LoA	-10,5554232	-0,035	0,300
CHR1	2E+07	CHR1:20283554	SSF x Near_LoA	-7,16460239	-0,051	0,312
CHR1	2E+07	CHR1:20283598	SSF x Near_LoA	-11,9068969	-0,008	0,306
CHR1	2E+07	CHR1:20285997	SSF x Near_LoA	-8,70572168	0,039	0,302
CHR1	2E+07	CHR1:20286022	SSF x Near_LoA	-1,01891775	0,166	0,308
CHR1	2E+07	CHR1:20293374	SSF x Near_LoA	-9,70740621	-0,067	0,315
CHR1	2E+07	CHR1:20293492	SSF x Near_LoA	-8,9280848	-0,017	0,300
CHR1	2E+07	CHR1:20293530	SSF x Near_LoA	-6,44020032	0,024	0,302
CHR1	2E+07	CHR1:20294306	SSF x Near_LoA	-9,55969019	0,039	0,306
CHR1	2E+07	CHR1:20294307	SSF x Near_LoA	-8,9750489	0,038	0,309
CHR1	2E+07	CHR1:20294363	SSF x Near_LoA	-10,8373569	-0,060	0,307
CHR1	2E+07	CHR1:20301897	SSF x Near_LoA	-11,0135018	0,094	0,314
CHR1	2E+07	CHR1:20301911	SSF x Near_LoA	-10,4640122	0,068	0,305
CHR1	2E+07	CHR1:20301949	SSF x Near_LoA	-8,13259969	-0,008	0,313
CHR1	2E+07	CHR1:20301960	SSF x Near_LoA	-7,61451874	-0,015	0,310
CHR1	2E+07	CHR1:20302041	SSF x Near_LoA	-12,0116912	0,055	0,303
CHR1	2E+07	CHR1:20302060	SSF x Near_LoA	-7,83178695	0,106	0,317
CHR1	2E+07	CHR1:20304234	SSF x Near_LoA	-6,64255817	-0,147	0,311
CHR1	2E+07	CHR1:20304333	SSF x Near_LoA	-8,11314833	-0,030	0,312
CHR1	2E+07	CHR1:20304381	SSF x Near_LoA	-10,4638457	-0,009	0,307
CHR1	2E+07	CHR1:20304398	SSF x Near_LoA	-10,0276998	0,018	0,320
CHR1	2E+07	CHR1:20304471	SSF x Near_LoA	-10,9137462	-0,078	0,295
CHR1	2E+07	CHR1:20328864	SSF x Near_LoA	-6,1331268	-0,118	0,310
CHR1	2E+07	CHR1:20337173	SSF x Near_LoA	-9,44676382	0,040	0,323
CHR1	2E+07	CHR1:20337249	SSF x Near_LoA	-11,515902	0,098	0,304
CHR1	2E+07	CHR1:20337277	SSF x Near_LoA	-9,52921385	-0,057	0,302
CHR1	2E+07	CHR1:20348182	SSF x Near_LoA	-9,76213405	-0,104	0,313
CHR1	2E+07	CHR1:20348288	SSF x Near_LoA	-10,3872895	-0,050	0,317
CHR1	2E+07	CHR1:20349903	SSF x Near_LoA	-9,77980792	0,002	0,317
CHR1	2E+07	CHR1:20359674	SSF x Near_LoA	-10,303189	-0,001	0,299
CHR1	2E+07	CHR1:20362133	SSF x Near_LoA	-8,6415491	0,015	0,313
CHR1	2E+07	CHR1:20363522	SSF x Near_LoA	-1,89129466	-0,040	0,306
CHR1	2E+07	CHR1:20383381	SSF x Near_LoA	-8,53973608	0,107	0,316
CHR1	2E+07	CHR1:20383386	SSF x Near_LoA	-7,5952374	0,119	0,309
CHR1	2E+07	CHR1:20383404	SSF x Near_LoA	-9,13399958	-0,051	0,313
CHR1	2E+07	CHR1:20383407	SSF x Near_LoA	-10,8918772	0,043	0,312
CHR1	2E+07	CHR1:20383414	SSF x Near_LoA	-9,81046486	-0,017	0,307
CHR1	2E+07	CHR1:20383416	SSF x Near_LoA	-9,14872267	-0,085	0,309
CHR1	2E+07	CHR1:20388746	SSF x Near_LoA	-10,2245414	0,001	0,316
CHR1	2E+07	CHR1:20388761	SSF x Near_LoA	-10,0248074	0,093	0,301
CHR1	2E+07	CHR1:20388762	SSF x Near_LoA	-11,6017444	0,052	0,308
CHR1	2E+07	CHR1:20388775	SSF x Near_LoA	-9,23889152	0,078	0,311
CHR1	2E+07	CHR1:20406010	SSF x Near_LoA	-7,88199297	-0,171	0,311
CHR1	2E+07	CHR1:20406097	SSF x Near_LoA	-10,9260183	0,014	0,309
CHR1	2E+07	CHR1:20406118	SSF x Near_LoA	-12,3881249	0,018	0,313
CHR1	2E+07	CHR1:20406170	SSF x Near_LoA	-11,2523114	-0,022	0,314
CHR1	2E+07	CHR1:20406198	SSF x Near_LoA	-10,8858255	-0,017	0,303
CHR1	2E+07	CHR1:20426372	SSF x Near_LoA	-11,0267933	0,119	0,309
CHR1	2E+07	CHR1:20426450	SSF x Near_LoA	-11,2982086	0,092	0,298
CHR1	2E+07	CHR1:20426604	SSF x Near_LoA	-8,00211686	0,095	0,298
CHR1	2E+07	CHR1:20430210	SSF x Near_LoA	-9,46863826	0,054	0,315

CHR1	204403	CHR1:204403	SSF x Near_LoA	-10,1335201	-0,100	0,312
CHR1	2E+07	CHR1:20442871	SSF x Near_LoA	-8,22346453	-0,028	0,307
CHR1	2E+07	CHR1:20442877	SSF x Near_LoA	-10,3549437	-0,074	0,299
CHR1	204458	CHR1:204458	SSF x Near_LoA	-8,88006577	0,136	0,289
CHR1	204678	CHR1:204678	SSF x Near_LoA	-8,73999946	-0,106	0,291
CHR1	2E+07	CHR1:20474259	SSF x Near_LoA	-9,24043989	-0,057	0,308
CHR1	2E+07	CHR1:20484463	SSF x Near_LoA	-9,68533989	-0,122	0,303
CHR1	2E+07	CHR1:20484508	SSF x Near_LoA	-7,42798656	0,016	0,320
CHR1	2E+07	CHR1:20484527	SSF x Near_LoA	-9,11549967	0,094	0,285
CHR1	2E+07	CHR1:20484635	SSF x Near_LoA	-7,77574135	0,117	0,297
CHR1	20505045	CHR1:20505045	SSF x Near_LoA	-10,2655579	-0,010	0,300
CHR1	20505090	CHR1:20505090	SSF x Near_LoA	-10,8350193	0,094	0,303
CHR1	20505189	CHR1:20505189	SSF x Near_LoA	-9,60902331	0,061	0,288
CHR1	20510578	CHR1:20510578	SSF x Near_LoA	-7,09701071	0,090	0,326
CHR1	20510600	CHR1:20510600	SSF x Near_LoA	-9,88641767	-0,082	0,313
CHR1	20518444	CHR1:20518444	SSF x Near_LoA	-9,91642043	0,000	0,309
CHR1	20518532	CHR1:20518532	SSF x Near_LoA	-9,5198469	0,007	0,301
CHR1	20518549	CHR1:20518549	SSF x Near_LoA	-10,3385196	0,026	0,303
CHR1	20537347	CHR1:20537347	SSF x Near_LoA	-10,5565879	-0,006	0,313
CHR1	20539731	CHR1:20539731	SSF x Near_LoA	-7,9212537	0,066	0,306
CHR1	20539830	CHR1:20539830	SSF x Near_LoA	-4,75130149	-0,115	0,294
CHR1	20539848	CHR1:20539848	SSF x Near_LoA	-8,66386756	-0,030	0,319
CHR1	20545726	CHR1:20545726	SSF x Near_LoA	-4,03352695	0,144	0,307
CHR1	20548683	CHR1:20548683	SSF x Near_LoA	-9,28309369	0,020	0,314
CHR1	20548706	CHR1:20548706	SSF x Near_LoA	-10,1008404	-0,006	0,302
CHR1	20548752	CHR1:20548752	SSF x Near_LoA	-7,52031395	0,041	0,300
CHR1	20554262	CHR1:20554262	SSF x Near_LoA	-9,50963952	0,025	0,313
CHR1	20554386	CHR1:20554386	SSF x Near_LoA	-11,5012164	0,076	0,301
CHR1	20556990	CHR1:20556990	SSF x Near_LoA	-7,68315701	-0,015	0,308
CHR1	20559102	CHR1:20559102	SSF x Near_LoA	-11,8773623	-0,013	0,311
CHR1	20559132	CHR1:20559132	SSF x Near_LoA	-6,17082838	-0,170	0,312
CHR1	20559222	CHR1:20559222	SSF x Near_LoA	-8,04917861	-0,165	0,304
CHR1	20559305	CHR1:20559305	SSF x Near_LoA	-8,18761169	0,152	0,296
CHR1	20562368	CHR1:20562368	SSF x Near_LoA	-1,9274665	-0,077	0,304
CHR1	20562565	CHR1:20562565	SSF x Near_LoA	-8,86331129	-0,013	0,319
CHR1	20575441	CHR1:20575441	SSF x Near_LoA	-6,28518268	0,085	0,322
CHR1	20575534	CHR1:20575534	SSF x Near_LoA	-9,32490192	-0,031	0,322
CHR1	20575549	CHR1:20575549	SSF x Near_LoA	-8,98400458	0,071	0,313
CHR1	20575553	CHR1:20575553	SSF x Near_LoA	-9,06408824	-0,102	0,294
CHR1	20575622	CHR1:20575622	SSF x Near_LoA	-8,89037468	0,073	0,305
CHR1	20581601	CHR1:20581601	SSF x Near_LoA	-11,2216529	-0,040	0,308
CHR1	20590955	CHR1:20590955	SSF x Near_LoA	-9,65123883	0,061	0,320
CHR1	20590991	CHR1:20590991	SSF x Near_LoA	-11,099014	-0,005	0,298
CHR1	20591192	CHR1:20591192	SSF x Near_LoA	-9,38105305	-0,063	0,310
CHR1	20591200	CHR1:20591200	SSF x Near_LoA	-7,93768046	0,093	0,315
CHR1	20591205	CHR1:20591205	SSF x Near_LoA	-11,4623986	-0,024	0,307
CHR1	20595232	CHR1:20595232	SSF x Near_LoA	-9,08932353	-0,059	0,298
CHR1	2060329	CHR1:2060329	SSF x Near_LoA	-9,1757276	-0,038	0,306
CHR1	2060467	CHR1:2060467	SSF x Near_LoA	-8,24926683	0,095	0,302
CHR1	20604887	CHR1:20604887	SSF x Near_LoA	-7,41996458	0,192	0,312
CHR1	20604905	CHR1:20604905	SSF x Near_LoA	-11,7287142	-0,065	0,300
CHR1	20604942	CHR1:20604942	SSF x Near_LoA	-9,67539284	0,049	0,304
CHR1	20622706	CHR1:20622706	SSF x Near_LoA	-8,10350628	0,053	0,318

CHR1	20622754	CHR1:20622754	SSF x Near_LoA	-9,98826157	0,002	0,307
CHR1	2068759	CHR1:2068759	SSF x Near_LoA	-9,71096292	0,071	0,305
CHR1	2068821	CHR1:2068821	SSF x Near_LoA	-8,73638893	0,041	0,315
CHR1	2071480	CHR1:2071480	SSF x Near_LoA	-9,06374187	-0,095	0,320
CHR1	2071511	CHR1:2071511	SSF x Near_LoA	-5,91155567	0,198	0,292
CHR1	2071533	CHR1:2071533	SSF x Near_LoA	-6,50516534	0,124	0,314
CHR1	2071595	CHR1:2071595	SSF x Near_LoA	-8,82242749	-0,074	0,293
CHR1	20719938	CHR1:20719938	SSF x Near_LoA	-8,74048171	-0,029	0,294
CHR1	20719951	CHR1:20719951	SSF x Near_LoA	-8,70609885	-0,041	0,294
CHR1	20720102	CHR1:20720102	SSF x Near_LoA	-8,02827585	-0,035	0,308
CHR1	20732794	CHR1:20732794	SSF x Near_LoA	-8,71353754	-0,026	0,309
CHR1	20732839	CHR1:20732839	SSF x Near_LoA	-10,2835644	-0,004	0,305
CHR1	20740748	CHR1:20740748	SSF x Near_LoA	-10,5620763	0,018	0,312
CHR1	20740754	CHR1:20740754	SSF x Near_LoA	-11,3131837	0,009	0,295
CHR1	20740879	CHR1:20740879	SSF x Near_LoA	-9,50906851	0,035	0,319
CHR1	20740902	CHR1:20740902	SSF x Near_LoA	-9,35942004	-0,093	0,286
CHR1	20744006	CHR1:20744006	SSF x Near_LoA	-7,88258973	-0,115	0,314
CHR1	20744008	CHR1:20744008	SSF x Near_LoA	-9,43373866	-0,051	0,305
CHR1	20776517	CHR1:20776517	SSF x Near_LoA	-10,2013878	-0,085	0,311
CHR1	20784270	CHR1:20784270	SSF x Near_LoA	-10,157463	0,042	0,304
CHR1	20794614	CHR1:20794614	SSF x Near_LoA	-8,906973	0,004	0,305
CHR1	20843321	CHR1:20843321	SSF x Near_LoA	-8,63508199	0,043	0,299
CHR1	20858518	CHR1:20858518	SSF x Near_LoA	-7,63773158	0,090	0,309
CHR1	20861715	CHR1:20861715	SSF x Near_LoA	-9,82536892	0,043	0,303
CHR1	20867831	CHR1:20867831	SSF x Near_LoA	-6,8730272	-0,169	0,326
CHR1	20895040	CHR1:20895040	SSF x Near_LoA	-7,47362376	-0,078	0,302
CHR1	20895129	CHR1:20895129	SSF x Near_LoA	-10,7760097	0,073	0,294
CHR1	20895141	CHR1:20895141	SSF x Near_LoA	-9,38009558	0,009	0,311
CHR1	20895183	CHR1:20895183	SSF x Near_LoA	-11,6109562	0,010	0,300
CHR1	20895321	CHR1:20895321	SSF x Near_LoA	-8,18554759	0,016	0,313
CHR1	20921027	CHR1:20921027	SSF x Near_LoA	-10,3726449	-0,063	0,287
CHR1	20967625	CHR1:20967625	SSF x Near_LoA	-11,9805068	-0,034	0,299
CHR1	20970378	CHR1:20970378	SSF x Near_LoA	-9,30769384	0,029	0,291
CHR1	20970432	CHR1:20970432	SSF x Near_LoA	-9,96010383	-0,093	0,323
CHR1	20970449	CHR1:20970449	SSF x Near_LoA	-9,75644344	0,101	0,303
CHR1	20976864	CHR1:20976864	SSF x Near_LoA	-8,35473207	0,013	0,315
CHR1	20976967	CHR1:20976967	SSF x Near_LoA	-8,09509875	0,083	0,299
CHR1	20977078	CHR1:20977078	SSF x Near_LoA	-9,02009536	-0,003	0,307
CHR1	20977099	CHR1:20977099	SSF x Near_LoA	-8,53648672	0,081	0,305
CHR1	20981652	CHR1:20981652	SSF x Near_LoA	-11,1542525	-0,066	0,314
CHR1	20981676	CHR1:20981676	SSF x Near_LoA	-6,77401721	-0,137	0,301
CHR1	20981686	CHR1:20981686	SSF x Near_LoA	-4,93266467	-0,043	0,322
CHR1	20986594	CHR1:20986594	SSF x Near_LoA	-6,99823811	0,035	0,311
CHR1	20986613	CHR1:20986613	SSF x Near_LoA	-8,98958771	-0,051	0,311
CHR1	20986645	CHR1:20986645	SSF x Near_LoA	-9,14219928	0,015	0,311
CHR1	21000105	CHR1:21000105	SSF x Near_LoA	-9,23047528	-0,113	0,302
CHR1	21000137	CHR1:21000137	SSF x Near_LoA	-8,66747968	-0,065	0,319
CHR1	21000143	CHR1:21000143	SSF x Near_LoA	-9,95848822	-0,008	0,305
CHR1	21009680	CHR1:21009680	SSF x Near_LoA	-10,6777349	-0,011	0,301
CHR1	21009681	CHR1:21009681	SSF x Near_LoA	-11,2494158	0,029	0,296
CHR1	21009746	CHR1:21009746	SSF x Near_LoA	-9,61037321	-0,028	0,304
CHR1	21009807	CHR1:21009807	SSF x Near_LoA	-8,68650595	0,119	0,309
CHR1	21011335	CHR1:21011335	SSF x Near_LoA	-12,032182	-0,014	0,303

CHR1	21011982	CHR1:21011982	SSF x Near_LoA	-7,85072647	0,026	0,306
CHR1	21029794	CHR1:21029794	SSF x Near_LoA	-10,5807283	-0,136	0,291
CHR1	21029797	CHR1:21029797	SSF x Near_LoA	-10,8529892	0,063	0,313
CHR1	21031037	CHR1:21031037	SSF x Near_LoA	-10,3976122	-0,114	0,318
CHR1	2103227	CHR1:2103227	SSF x Near_LoA	-9,47935729	0,088	0,312
CHR1	2103242	CHR1:2103242	SSF x Near_LoA	-4,2573259	-0,020	0,321
CHR1	2103274	CHR1:2103274	SSF x Near_LoA	-10,4233577	0,133	0,294
CHR1	21034020	CHR1:21034020	SSF x Near_LoA	-11,5984967	0,009	0,299
CHR1	21034023	CHR1:21034023	SSF x Near_LoA	-9,58229709	0,001	0,300
CHR1	21040934	CHR1:21040934	SSF x Near_LoA	-5,44822516	-0,021	0,327
CHR1	21041843	CHR1:21041843	SSF x Near_LoA	-7,07306814	0,026	0,316
CHR1	21044670	CHR1:21044670	SSF x Near_LoA	-9,75053392	-0,027	0,307
CHR1	21048114	CHR1:21048114	SSF x Near_LoA	-8,43720127	-0,110	0,329
CHR1	21050278	CHR1:21050278	SSF x Near_LoA	-9,17510593	0,019	0,316
CHR1	21062356	CHR1:21062356	SSF x Near_LoA	-9,74682253	-0,063	0,301
CHR1	21062393	CHR1:21062393	SSF x Near_LoA	-10,1473825	0,039	0,313
CHR1	21062450	CHR1:21062450	SSF x Near_LoA	-9,02466922	-0,020	0,323
CHR1	21062490	CHR1:21062490	SSF x Near_LoA	-9,73644414	0,146	0,303
CHR1	21079738	CHR1:21079738	SSF x Near_LoA	-7,96208686	0,135	0,300
CHR1	21079760	CHR1:21079760	SSF x Near_LoA	-9,93692008	0,037	0,317
CHR1	21079776	CHR1:21079776	SSF x Near_LoA	-10,3412992	-0,024	0,313
CHR1	21079792	CHR1:21079792	SSF x Near_LoA	-8,3788017	0,071	0,291
CHR1	21081183	CHR1:21081183	SSF x Near_LoA	-10,656087	0,128	0,301
CHR1	21081186	CHR1:21081186	SSF x Near_LoA	-10,2367052	-0,095	0,292
CHR1	21081189	CHR1:21081189	SSF x Near_LoA	-3,77846172	0,004	0,300
CHR1	2110936	CHR1:2110936	SSF x Near_LoA	-6,96064452	0,061	0,305
CHR1	21116768	CHR1:21116768	SSF x Near_LoA	-8,27214127	0,045	0,319
CHR1	21130859	CHR1:21130859	SSF x Near_LoA	-8,96763768	0,019	0,312
CHR1	21130865	CHR1:21130865	SSF x Near_LoA	-10,1407169	0,037	0,303
CHR1	21130866	CHR1:21130866	SSF x Near_LoA	-8,89501935	0,015	0,305
CHR1	21130867	CHR1:21130867	SSF x Near_LoA	-9,65426527	0,011	0,294
CHR1	21130869	CHR1:21130869	SSF x Near_LoA	-8,83219441	-0,004	0,326
CHR1	21131057	CHR1:21131057	SSF x Near_LoA	-3,67199163	-0,140	0,307
CHR1	21131103	CHR1:21131103	SSF x Near_LoA	-10,5531072	0,009	0,308
CHR1	21139403	CHR1:21139403	SSF x Near_LoA	-6,28231241	-0,089	0,309
CHR1	21139561	CHR1:21139561	SSF x Near_LoA	-9,58950921	0,140	0,291
CHR1	21139563	CHR1:21139563	SSF x Near_LoA	-10,8076935	-0,114	0,305
CHR1	21146479	CHR1:21146479	SSF x Near_LoA	-6,1770896	0,055	0,314
CHR1	21146535	CHR1:21146535	SSF x Near_LoA	-9,37721466	0,057	0,307
CHR1	21147186	CHR1:21147186	SSF x Near_LoA	-9,05214619	-0,052	0,306
CHR1	21147270	CHR1:21147270	SSF x Near_LoA	-4,63272525	0,037	0,311
CHR1	21166124	CHR1:21166124	SSF x Near_LoA	-9,10925855	0,002	0,314
CHR1	2119945	CHR1:2119945	SSF x Near_LoA	-9,13835504	0,003	0,318
CHR1	21200790	CHR1:21200790	SSF x Near_LoA	-9,09599597	-0,068	0,297
CHR1	21202789	CHR1:21202789	SSF x Near_LoA	-10,7325601	0,014	0,301
CHR1	21202792	CHR1:21202792	SSF x Near_LoA	-7,9268979	0,125	0,302
CHR1	21202847	CHR1:21202847	SSF x Near_LoA	-3,82952717	-0,206	0,301
CHR1	21209615	CHR1:21209615	SSF x Near_LoA	-8,49125617	-0,041	0,309
CHR1	21209719	CHR1:21209719	SSF x Near_LoA	-10,6919238	-0,090	0,307
CHR1	21209729	CHR1:21209729	SSF x Near_LoA	-9,01441106	0,013	0,301
CHR1	21209736	CHR1:21209736	SSF x Near_LoA	-10,0521128	0,046	0,317
CHR1	21211127	CHR1:21211127	SSF x Near_LoA	-10,4946349	-0,052	0,303
CHR1	21211129	CHR1:21211129	SSF x Near_LoA	-9,29408946	0,069	0,307

CHR1	21233281	CHR1:21233281	SSF x Near_LoA	-7,39339817	-0,077	0,316
CHR1	21237383	CHR1:21237383	SSF x Near_LoA	-11,1373956	0,006	0,301
CHR1	21237384	CHR1:21237384	SSF x Near_LoA	-3,89538416	-0,156	0,312
CHR1	21237627	CHR1:21237627	SSF x Near_LoA	-10,6358447	0,079	0,303
CHR1	21237666	CHR1:21237666	SSF x Near_LoA	-9,19122111	-0,046	0,331
CHR1	2129739	CHR1:2129739	SSF x Near_LoA	-8,85329898	-0,044	0,316
CHR1	2131566	CHR1:2131566	SSF x Near_LoA	-7,12796763	0,093	0,320
CHR1	21321042	CHR1:21321042	SSF x Near_LoA	-9,0472647	-0,003	0,311
CHR1	21324917	CHR1:21324917	SSF x Near_LoA	-9,22547104	-0,069	0,308
CHR1	21325759	CHR1:21325759	SSF x Near_LoA	-7,74926515	0,048	0,302
CHR1	21328206	CHR1:21328206	SSF x Near_LoA	-10,850457	-0,016	0,322
CHR1	21328420	CHR1:21328420	SSF x Near_LoA	-7,92932287	0,165	0,298
CHR1	21328501	CHR1:21328501	SSF x Near_LoA	-8,88464408	0,015	0,297
CHR1	21334178	CHR1:21334178	SSF x Near_LoA	-10,3021348	-0,090	0,305
CHR1	21334224	CHR1:21334224	SSF x Near_LoA	-7,63655753	0,067	0,299
CHR1	21336347	CHR1:21336347	SSF x Near_LoA	-11,1043017	-0,074	0,302
CHR1	21336420	CHR1:21336420	SSF x Near_LoA	-8,95017756	0,101	0,311
CHR1	2134272	CHR1:2134272	SSF x Near_LoA	-11,1226685	0,056	0,311
CHR1	21346320	CHR1:21346320	SSF x Near_LoA	-10,0588546	-0,138	0,305
CHR1	21346353	CHR1:21346353	SSF x Near_LoA	-5,15692223	-0,193	0,299
CHR1	21388028	CHR1:21388028	SSF x Near_LoA	-9,87254007	-0,130	0,301
CHR1	21420775	CHR1:21420775	SSF x Near_LoA	-8,16549174	0,105	0,305
CHR1	21445242	CHR1:21445242	SSF x Near_LoA	-6,745013	-0,158	0,309
CHR1	21445501	CHR1:21445501	SSF x Near_LoA	-10,1534588	-0,039	0,300
CHR1	21455234	CHR1:21455234	SSF x Near_LoA	-8,50613311	0,011	0,299
CHR1	2145586	CHR1:2145586	SSF x Near_LoA	-10,5873847	0,077	0,307
CHR1	2145632	CHR1:2145632	SSF x Near_LoA	-8,50248559	-0,087	0,309
CHR1	2145785	CHR1:2145785	SSF x Near_LoA	-9,94753452	0,115	0,303
CHR1	21480731	CHR1:21480731	SSF x Near_LoA	-8,47340922	0,032	0,324
CHR1	21489892	CHR1:21489892	SSF x Near_LoA	-9,3743309	-0,022	0,317
CHR1	2149032	CHR1:2149032	SSF x Near_LoA	-8,41070883	0,073	0,311
CHR1	2149073	CHR1:2149073	SSF x Near_LoA	-9,43194754	-0,120	0,306
CHR1	2149151	CHR1:2149151	SSF x Near_LoA	-8,82076059	0,040	0,302
CHR1	2149226	CHR1:2149226	SSF x Near_LoA	-9,12260098	-0,016	0,288
CHR1	2149233	CHR1:2149233	SSF x Near_LoA	-10,5456285	-0,063	0,305
CHR1	2149288	CHR1:2149288	SSF x Near_LoA	-10,1622599	-0,084	0,313
CHR1	21517433	CHR1:21517433	SSF x Near_LoA	-9,36284248	-0,059	0,295
CHR1	21517502	CHR1:21517502	SSF x Near_LoA	-11,140503	-0,047	0,313
CHR1	21523472	CHR1:21523472	SSF x Near_LoA	-11,5480436	0,070	0,316
CHR1	21523610	CHR1:21523610	SSF x Near_LoA	-9,33646241	0,033	0,294
CHR1	21527906	CHR1:21527906	SSF x Near_LoA	-11,4119117	0,029	0,302
CHR1	21527970	CHR1:21527970	SSF x Near_LoA	-9,23675022	0,017	0,313
CHR1	21544369	CHR1:21544369	SSF x Near_LoA	-9,54725472	0,033	0,311
CHR1	21544393	CHR1:21544393	SSF x Near_LoA	-11,8055231	0,052	0,308
CHR1	21549597	CHR1:21549597	SSF x Near_LoA	-10,0696689	0,015	0,322
CHR1	21549665	CHR1:21549665	SSF x Near_LoA	-12,1474674	-0,031	0,300
CHR1	21549678	CHR1:21549678	SSF x Near_LoA	-10,4158289	0,060	0,318
CHR1	21549704	CHR1:21549704	SSF x Near_LoA	-8,67516685	0,174	0,303
CHR1	21549763	CHR1:21549763	SSF x Near_LoA	-11,5190457	0,013	0,324
CHR1	2155234	CHR1:2155234	SSF x Near_LoA	-10,2237192	0,116	0,302
CHR1	2155440	CHR1:2155440	SSF x Near_LoA	-10,4749556	-0,076	0,310
CHR1	21560948	CHR1:21560948	SSF x Near_LoA	-8,33117349	0,165	0,296
CHR1	21561062	CHR1:21561062	SSF x Near_LoA	-8,31057759	0,022	0,321

CHR1	21561084	CHR1:21561084	SSF x Near_LoA	-8,3142391	0,078	0,310
CHR1	21561097	CHR1:21561097	SSF x Near_LoA	-9,1527105	0,001	0,311
CHR1	21575130	CHR1:21575130	SSF x Near_LoA	-6,47397228	0,107	0,297
CHR1	21577884	CHR1:21577884	SSF x Near_LoA	-11,8614451	0,028	0,299
CHR1	21577967	CHR1:21577967	SSF x Near_LoA	-8,86531766	-0,020	0,320
CHR1	21591687	CHR1:21591687	SSF x Near_LoA	-10,0627454	-0,037	0,309
CHR1	21591704	CHR1:21591704	SSF x Near_LoA	-6,74062979	0,059	0,299
CHR1	21591725	CHR1:21591725	SSF x Near_LoA	-9,15691716	0,039	0,296
CHR1	21591812	CHR1:21591812	SSF x Near_LoA	-9,05238542	-0,041	0,309
CHR1	21591896	CHR1:21591896	SSF x Near_LoA	-10,0470604	-0,006	0,309
CHR1	21591906	CHR1:21591906	SSF x Near_LoA	-10,7255997	-0,037	0,315
CHR1	21591908	CHR1:21591908	SSF x Near_LoA	-10,8344006	-0,015	0,300
CHR1	21591909	CHR1:21591909	SSF x Near_LoA	-12,1676055	-0,028	0,310
CHR1	21591910	CHR1:21591910	SSF x Near_LoA	-11,2723149	-0,022	0,305
CHR1	21591913	CHR1:21591913	SSF x Near_LoA	-10,6788437	-0,053	0,313
CHR1	21591914	CHR1:21591914	SSF x Near_LoA	-10,2436741	-0,034	0,316
CHR1	21596097	CHR1:21596097	SSF x Near_LoA	-10,8965197	-0,037	0,305
CHR1	21596120	CHR1:21596120	SSF x Near_LoA	-11,2871138	0,084	0,312
CHR1	21596150	CHR1:21596150	SSF x Near_LoA	-10,7741316	0,028	0,306
CHR1	21596178	CHR1:21596178	SSF x Near_LoA	-7,62507407	-0,066	0,313
CHR1	21596179	CHR1:21596179	SSF x Near_LoA	-7,07320609	-0,064	0,318
CHR1	21596191	CHR1:21596191	SSF x Near_LoA	-7,08339821	-0,101	0,297
CHR1	21596265	CHR1:21596265	SSF x Near_LoA	-10,6107822	0,052	0,308
CHR1	21609407	CHR1:21609407	SSF x Near_LoA	-10,6077963	0,054	0,296
CHR1	21609474	CHR1:21609474	SSF x Near_LoA	-10,1196651	-0,085	0,312
CHR1	21609500	CHR1:21609500	SSF x Near_LoA	-7,2127545	0,057	0,298
CHR1	21609525	CHR1:21609525	SSF x Near_LoA	-8,26273341	0,066	0,316
CHR1	21609528	CHR1:21609528	SSF x Near_LoA	-8,75075175	0,035	0,313
CHR1	21609538	CHR1:21609538	SSF x Near_LoA	-6,63331444	0,112	0,310
CHR1	21609541	CHR1:21609541	SSF x Near_LoA	-8,06235898	0,089	0,310
CHR1	21609544	CHR1:21609544	SSF x Near_LoA	-8,771677	0,077	0,312
CHR1	21609554	CHR1:21609554	SSF x Near_LoA	-7,54279438	0,082	0,310
CHR1	21611565	CHR1:21611565	SSF x Near_LoA	-10,3297419	0,032	0,310
CHR1	21621931	CHR1:21621931	SSF x Near_LoA	-10,9357387	-0,048	0,303
CHR1	21622110	CHR1:21622110	SSF x Near_LoA	-7,11768137	-0,123	0,307
CHR1	21622117	CHR1:21622117	SSF x Near_LoA	-8,96845452	-0,061	0,310
CHR1	21622156	CHR1:21622156	SSF x Near_LoA	-8,25708429	-0,123	0,314
CHR1	21622198	CHR1:21622198	SSF x Near_LoA	-9,12723088	-0,034	0,303
CHR1	21645007	CHR1:21645007	SSF x Near_LoA	-11,3084048	-0,107	0,297
CHR1	21645320	CHR1:21645320	SSF x Near_LoA	-10,2850639	0,017	0,301
CHR1	2164824	CHR1:2164824	SSF x Near_LoA	-12,3201609	0,006	0,305
CHR1	2164825	CHR1:2164825	SSF x Near_LoA	-8,92509131	0,028	0,312
CHR1	2164907	CHR1:2164907	SSF x Near_LoA	-9,76417365	-0,001	0,304
CHR1	21652709	CHR1:21652709	SSF x Near_LoA	-10,4820441	0,004	0,310
CHR1	21652800	CHR1:21652800	SSF x Near_LoA	-8,30783763	0,118	0,312
CHR1	21654649	CHR1:21654649	SSF x Near_LoA	-10,641859	0,013	0,293
CHR1	21654654	CHR1:21654654	SSF x Near_LoA	-8,66356257	-0,052	0,307
CHR1	21654697	CHR1:21654697	SSF x Near_LoA	-8,50991524	0,005	0,298
CHR1	21654700	CHR1:21654700	SSF x Near_LoA	-9,93148157	-0,024	0,319
CHR1	21675953	CHR1:21675953	SSF x Near_LoA	-7,26583562	-0,129	0,300
CHR1	21678852	CHR1:21678852	SSF x Near_LoA	-10,716898	-0,053	0,319
CHR1	21679114	CHR1:21679114	SSF x Near_LoA	-9,21046959	0,034	0,320
CHR1	2169438	CHR1:2169438	SSF x Near_LoA	-5,35732109	0,040	0,300

CHR1	2169923	CHR1:2169923	SSF x Near_LoA	-9,19869739	-0,092	0,315
CHR1	21708850	CHR1:21708850	SSF x Near_LoA	-7,59878582	0,042	0,309
CHR1	2171714	CHR1:2171714	SSF x Near_LoA	-9,8826453	-0,030	0,313
CHR1	21720185	CHR1:21720185	SSF x Near_LoA	-6,9369195	-0,024	0,315
CHR1	21720222	CHR1:21720222	SSF x Near_LoA	-8,28092223	0,046	0,302
CHR1	21720229	CHR1:21720229	SSF x Near_LoA	-8,93767351	0,087	0,317
CHR1	21720250	CHR1:21720250	SSF x Near_LoA	-8,79265859	0,067	0,308
CHR1	21720309	CHR1:21720309	SSF x Near_LoA	-9,29872797	0,085	0,314
CHR1	21720354	CHR1:21720354	SSF x Near_LoA	-7,94153045	0,061	0,302
CHR1	21728715	CHR1:21728715	SSF x Near_LoA	-10,3455253	-0,026	0,302
CHR1	21732885	CHR1:21732885	SSF x Near_LoA	-8,99054049	-0,088	0,311
CHR1	21732922	CHR1:21732922	SSF x Near_LoA	-7,02979245	-0,098	0,318
CHR1	21737556	CHR1:21737556	SSF x Near_LoA	-4,68755543	0,004	0,315
CHR1	21737727	CHR1:21737727	SSF x Near_LoA	-5,61768736	0,124	0,314
CHR1	21737760	CHR1:21737760	SSF x Near_LoA	-7,74238594	-0,050	0,321
CHR1	21737792	CHR1:21737792	SSF x Near_LoA	-10,0229596	-0,064	0,304
CHR1	21737793	CHR1:21737793	SSF x Near_LoA	-9,54075262	-0,046	0,319
CHR1	21740658	CHR1:21740658	SSF x Near_LoA	-8,99744876	-0,077	0,308
CHR1	21741882	CHR1:21741882	SSF x Near_LoA	-10,6404669	-0,037	0,304
CHR1	21741885	CHR1:21741885	SSF x Near_LoA	-10,2844816	-0,054	0,310
CHR1	21758510	CHR1:21758510	SSF x Near_LoA	-6,04822918	-0,066	0,304
CHR1	21758553	CHR1:21758553	SSF x Near_LoA	-9,60396183	0,046	0,300
CHR1	21758749	CHR1:21758749	SSF x Near_LoA	-9,74799708	0,082	0,305
CHR1	21766729	CHR1:21766729	SSF x Near_LoA	-9,34902911	0,014	0,318
CHR1	21766967	CHR1:21766967	SSF x Near_LoA	-9,07445108	0,031	0,308
CHR1	21768518	CHR1:21768518	SSF x Near_LoA	-7,57887459	-0,122	0,302
CHR1	21768552	CHR1:21768552	SSF x Near_LoA	-9,97003036	0,076	0,300
CHR1	21784531	CHR1:21784531	SSF x Near_LoA	-6,16244549	-0,123	0,319
CHR1	21784716	CHR1:21784716	SSF x Near_LoA	-8,12853663	0,214	0,293
CHR1	21785317	CHR1:21785317	SSF x Near_LoA	-9,22390635	-0,010	0,305
CHR1	21791423	CHR1:21791423	SSF x Near_LoA	-7,19639864	-0,031	0,308
CHR1	21792231	CHR1:21792231	SSF x Near_LoA	-9,81738604	-0,015	0,313
CHR1	21792429	CHR1:21792429	SSF x Near_LoA	-6,69178336	0,045	0,305
CHR1	21799881	CHR1:21799881	SSF x Near_LoA	-10,7759246	-0,051	0,292
CHR1	21799910	CHR1:21799910	SSF x Near_LoA	-8,42427959	0,108	0,309
CHR1	21800180	CHR1:21800180	SSF x Near_LoA	-12,2511081	-0,057	0,297
CHR1	21806961	CHR1:21806961	SSF x Near_LoA	-8,47260728	0,099	0,313
CHR1	21807039	CHR1:21807039	SSF x Near_LoA	-9,93229904	-0,035	0,297
CHR1	21807111	CHR1:21807111	SSF x Near_LoA	-3,27778549	0,138	0,309
CHR1	21807152	CHR1:21807152	SSF x Near_LoA	-6,56894297	-0,114	0,315
CHR1	21808918	CHR1:21808918	SSF x Near_LoA	-9,59003594	0,056	0,310
CHR1	21808971	CHR1:21808971	SSF x Near_LoA	-7,79461625	-0,112	0,304
CHR1	21808989	CHR1:21808989	SSF x Near_LoA	-9,59335853	-0,105	0,313
CHR1	21809012	CHR1:21809012	SSF x Near_LoA	-7,97473495	0,039	0,298
CHR1	2181292	CHR1:2181292	SSF x Near_LoA	-10,2348815	-0,024	0,311
CHR1	21826221	CHR1:21826221	SSF x Near_LoA	-9,34488676	-0,065	0,312
CHR1	21836996	CHR1:21836996	SSF x Near_LoA	-10,3323443	0,075	0,304
CHR1	21837020	CHR1:21837020	SSF x Near_LoA	-8,68565623	-0,109	0,311
CHR1	21837081	CHR1:21837081	SSF x Near_LoA	-10,6427122	0,032	0,294
CHR1	21837123	CHR1:21837123	SSF x Near_LoA	-10,2164941	-0,049	0,303
CHR1	21837144	CHR1:21837144	SSF x Near_LoA	-8,8833692	0,017	0,299
CHR1	21846595	CHR1:21846595	SSF x Near_LoA	-5,46467653	0,113	0,299
CHR1	21846659	CHR1:21846659	SSF x Near_LoA	-10,7994976	-0,026	0,318

CHR1	21849255	CHR1:21849255	SSF x Near_LoA	-10,4075286	0,052	0,300
CHR1	21851453	CHR1:21851453	SSF x Near_LoA	-11,5088466	0,054	0,305
CHR1	21851457	CHR1:21851457	SSF x Near_LoA	-10,8953582	0,064	0,304
CHR1	21851558	CHR1:21851558	SSF x Near_LoA	-10,6835417	-0,022	0,307
CHR1	21858293	CHR1:21858293	SSF x Near_LoA	-4,65564981	-0,057	0,309
CHR1	21858295	CHR1:21858295	SSF x Near_LoA	-9,46933857	0,092	0,313
CHR1	21858322	CHR1:21858322	SSF x Near_LoA	-10,4112098	0,040	0,311
CHR1	21858331	CHR1:21858331	SSF x Near_LoA	-7,49110913	-0,090	0,317
CHR1	21858484	CHR1:21858484	SSF x Near_LoA	-10,614889	0,022	0,292
CHR1	21859527	CHR1:21859527	SSF x Near_LoA	-10,9875787	0,028	0,296
CHR1	21859556	CHR1:21859556	SSF x Near_LoA	-11,4768048	0,009	0,316
CHR1	21859590	CHR1:21859590	SSF x Near_LoA	-8,56982995	0,045	0,308
CHR1	21859612	CHR1:21859612	SSF x Near_LoA	-9,82926938	-0,019	0,310
CHR1	21859793	CHR1:21859793	SSF x Near_LoA	-8,83650504	0,037	0,288
CHR1	21871777	CHR1:21871777	SSF x Near_LoA	-5,87509393	0,127	0,303
CHR1	21871824	CHR1:21871824	SSF x Near_LoA	-9,75730114	-0,082	0,322
CHR1	21873701	CHR1:21873701	SSF x Near_LoA	-9,31636844	-0,018	0,304
CHR1	21873761	CHR1:21873761	SSF x Near_LoA	-8,17364423	-0,068	0,307
CHR1	21873792	CHR1:21873792	SSF x Near_LoA	-9,13195167	-0,005	0,306
CHR1	21882121	CHR1:21882121	SSF x Near_LoA	-11,4285174	0,054	0,298
CHR1	21892554	CHR1:21892554	SSF x Near_LoA	-9,96247452	-0,119	0,310
CHR1	21892604	CHR1:21892604	SSF x Near_LoA	-8,95974484	0,100	0,288
CHR1	2189644	CHR1:2189644	SSF x Near_LoA	-10,5528553	0,022	0,294
CHR1	21898118	CHR1:21898118	SSF x Near_LoA	-9,87600481	-0,106	0,311
CHR1	21898124	CHR1:21898124	SSF x Near_LoA	-7,39374051	0,022	0,308
CHR1	21898163	CHR1:21898163	SSF x Near_LoA	-7,00623753	0,037	0,293
CHR1	2189824	CHR1:2189824	SSF x Near_LoA	-11,6752507	0,051	0,302
CHR1	21898247	CHR1:21898247	SSF x Near_LoA	-8,73363924	-0,112	0,300
CHR1	2189918	CHR1:2189918	SSF x Near_LoA	-5,89265987	0,111	0,321
CHR1	21900484	CHR1:21900484	SSF x Near_LoA	-9,99555444	0,026	0,288
CHR1	21900524	CHR1:21900524	SSF x Near_LoA	-8,18162969	0,053	0,297
CHR1	21900549	CHR1:21900549	SSF x Near_LoA	-10,939628	0,044	0,311
CHR1	21900582	CHR1:21900582	SSF x Near_LoA	-6,83373159	-0,030	0,313
CHR1	21900591	CHR1:21900591	SSF x Near_LoA	-8,49572923	0,029	0,302
CHR1	21900658	CHR1:21900658	SSF x Near_LoA	-8,66740545	0,073	0,303
CHR1	21900756	CHR1:21900756	SSF x Near_LoA	-10,2711625	0,040	0,305
CHR1	21901683	CHR1:21901683	SSF x Near_LoA	-7,45506785	0,032	0,326
CHR1	21901702	CHR1:21901702	SSF x Near_LoA	-7,76699441	0,082	0,308
CHR1	21901704	CHR1:21901704	SSF x Near_LoA	-11,098835	-0,010	0,296
CHR1	21901723	CHR1:21901723	SSF x Near_LoA	-8,84459294	-0,080	0,302
CHR1	21901724	CHR1:21901724	SSF x Near_LoA	-8,81999405	-0,086	0,302
CHR1	21901816	CHR1:21901816	SSF x Near_LoA	-8,10311922	-0,066	0,303
CHR1	21901825	CHR1:21901825	SSF x Near_LoA	-8,83794671	-0,010	0,298
CHR1	21901838	CHR1:21901838	SSF x Near_LoA	-9,48852922	-0,009	0,297
CHR1	21901841	CHR1:21901841	SSF x Near_LoA	-9,38409835	-0,120	0,306
CHR1	21901885	CHR1:21901885	SSF x Near_LoA	-10,841754	-0,021	0,316
CHR1	21901894	CHR1:21901894	SSF x Near_LoA	-5,30325936	-0,006	0,300
CHR1	21916616	CHR1:21916616	SSF x Near_LoA	-10,7155092	0,058	0,292
CHR1	21916708	CHR1:21916708	SSF x Near_LoA	-10,2244337	-0,095	0,307
CHR1	21916717	CHR1:21916717	SSF x Near_LoA	-6,84912299	-0,171	0,303
CHR1	21916740	CHR1:21916740	SSF x Near_LoA	-10,2357542	-0,084	0,308
CHR1	21916742	CHR1:21916742	SSF x Near_LoA	-11,2652882	-0,078	0,317
CHR1	21916770	CHR1:21916770	SSF x Near_LoA	-9,54147387	0,096	0,296

CHR1	21916777	CHR1:21916777	SSF x Near_LoA	-9,5974525	0,086	0,296
CHR1	21916826	CHR1:21916826	SSF x Near_LoA	-8,05923489	-0,109	0,310
CHR1	21919658	CHR1:21919658	SSF x Near_LoA	-9,82694321	-0,086	0,285
CHR1	21928422	CHR1:21928422	SSF x Near_LoA	-9,88793048	0,085	0,311
CHR1	21928543	CHR1:21928543	SSF x Near_LoA	-9,09982738	0,077	0,295
CHR1	21939107	CHR1:21939107	SSF x Near_LoA	-9,95403869	0,025	0,314
CHR1	21939251	CHR1:21939251	SSF x Near_LoA	-10,3250663	0,047	0,307
CHR1	21939334	CHR1:21939334	SSF x Near_LoA	-8,5288916	-0,073	0,313
CHR1	21945887	CHR1:21945887	SSF x Near_LoA	-8,67130055	0,117	0,309
CHR1	21952762	CHR1:21952762	SSF x Near_LoA	-11,6784279	-0,004	0,315
CHR1	21952782	CHR1:21952782	SSF x Near_LoA	-9,94441951	0,080	0,314
CHR1	21952795	CHR1:21952795	SSF x Near_LoA	-10,4388566	-0,050	0,295
CHR1	21953036	CHR1:21953036	SSF x Near_LoA	-5,34865717	0,019	0,309
CHR1	21955041	CHR1:21955041	SSF x Near_LoA	-9,07881466	-0,044	0,310
CHR1	21955044	CHR1:21955044	SSF x Near_LoA	-6,88731018	0,085	0,291
CHR1	21955068	CHR1:21955068	SSF x Near_LoA	-8,02039958	0,012	0,314
CHR1	21955970	CHR1:21955970	SSF x Near_LoA	-9,57705942	0,012	0,295
CHR1	21955995	CHR1:21955995	SSF x Near_LoA	-8,59130837	0,080	0,309
CHR1	21956012	CHR1:21956012	SSF x Near_LoA	-7,04471099	-0,097	0,319
CHR1	21960943	CHR1:21960943	SSF x Near_LoA	-11,582695	-0,102	0,301
CHR1	21970303	CHR1:21970303	SSF x Near_LoA	-9,55838436	0,043	0,321
CHR1	21970346	CHR1:21970346	SSF x Near_LoA	-8,48061862	0,031	0,304
CHR1	21970542	CHR1:21970542	SSF x Near_LoA	-7,14192091	0,198	0,296
CHR1	21970550	CHR1:21970550	SSF x Near_LoA	-10,4203308	-0,033	0,309
CHR1	21981218	CHR1:21981218	SSF x Near_LoA	-9,08338131	0,072	0,308
CHR1	21981251	CHR1:21981251	SSF x Near_LoA	-2,6404783	-0,216	0,291
CHR1	21981349	CHR1:21981349	SSF x Near_LoA	-8,10727726	0,068	0,300
CHR1	21981429	CHR1:21981429	SSF x Near_LoA	-8,42244598	-0,026	0,306
CHR1	21988674	CHR1:21988674	SSF x Near_LoA	-6,10609233	-0,123	0,299
CHR1	21998268	CHR1:21998268	SSF x Near_LoA	-10,8436211	0,035	0,297
CHR1	21998332	CHR1:21998332	SSF x Near_LoA	-9,07900427	0,086	0,315
CHR1	21998359	CHR1:21998359	SSF x Near_LoA	-6,09148293	-0,034	0,320
CHR1	21999610	CHR1:21999610	SSF x Near_LoA	-10,4747322	-0,005	0,306
CHR1	22003320	CHR1:22003320	SSF x Near_LoA	-9,48131614	0,006	0,303
CHR1	22003326	CHR1:22003326	SSF x Near_LoA	-8,98529388	-0,004	0,300
CHR1	22003355	CHR1:22003355	SSF x Near_LoA	-12,6104854	-0,009	0,306
CHR1	22003517	CHR1:22003517	SSF x Near_LoA	-10,3317752	-0,068	0,298
CHR1	22013650	CHR1:22013650	SSF x Near_LoA	-10,7018926	0,014	0,313
CHR1	22013704	CHR1:22013704	SSF x Near_LoA	-9,37711358	-0,003	0,306
CHR1	22013802	CHR1:22013802	SSF x Near_LoA	-9,69656989	0,006	0,308
CHR1	22017083	CHR1:22017083	SSF x Near_LoA	-11,3804441	0,093	0,300
CHR1	22053185	CHR1:22053185	SSF x Near_LoA	-2,23044594	-0,034	0,305
CHR1	22064353	CHR1:22064353	SSF x Near_LoA	-8,53000606	-0,106	0,314
CHR1	22064362	CHR1:22064362	SSF x Near_LoA	-11,104481	0,029	0,281
CHR1	22066540	CHR1:22066540	SSF x Near_LoA	-11,3633828	0,015	0,303
CHR1	22066613	CHR1:22066613	SSF x Near_LoA	-11,0325461	-0,026	0,304
CHR1	22066618	CHR1:22066618	SSF x Near_LoA	-11,7901978	-0,027	0,308
CHR1	22066622	CHR1:22066622	SSF x Near_LoA	-9,69370736	0,048	0,311
CHR1	22072223	CHR1:22072223	SSF x Near_LoA	-9,14260687	-0,023	0,315
CHR1	22072357	CHR1:22072357	SSF x Near_LoA	-8,61646041	-0,032	0,305
CHR1	22075161	CHR1:22075161	SSF x Near_LoA	-10,2830072	0,086	0,302
CHR1	22078731	CHR1:22078731	SSF x Near_LoA	-9,94389287	0,011	0,304
CHR1	22078732	CHR1:22078732	SSF x Near_LoA	-9,62204228	-0,032	0,305

CHR1	22078949	CHR1:22078949	SSF x Near_LoA	-9,22717112	0,091	0,308
CHR1	22081388	CHR1:22081388	SSF x Near_LoA	-9,12273193	-0,121	0,299
CHR1	22082805	CHR1:22082805	SSF x Near_LoA	-9,9551467	0,034	0,312
CHR1	22082877	CHR1:22082877	SSF x Near_LoA	-7,98555513	-0,091	0,312
CHR1	22082878	CHR1:22082878	SSF x Near_LoA	-9,92477214	0,008	0,311
CHR1	22083133	CHR1:22083133	SSF x Near_LoA	-10,1069419	0,041	0,306
CHR1	22109731	CHR1:22109731	SSF x Near_LoA	-11,7084547	-0,007	0,308
CHR1	22114480	CHR1:22114480	SSF x Near_LoA	-8,50223223	-0,025	0,290
CHR1	22116197	CHR1:22116197	SSF x Near_LoA	-9,92379997	-0,025	0,313
CHR1	22124049	CHR1:22124049	SSF x Near_LoA	-6,62205311	0,128	0,304
CHR1	22124101	CHR1:22124101	SSF x Near_LoA	-8,44087217	0,087	0,317
CHR1	22124310	CHR1:22124310	SSF x Near_LoA	-8,97702469	0,054	0,306
CHR1	22130244	CHR1:22130244	SSF x Near_LoA	-6,48600363	0,112	0,314
CHR1	22130269	CHR1:22130269	SSF x Near_LoA	-5,57177859	0,166	0,317
CHR1	22130452	CHR1:22130452	SSF x Near_LoA	1,07754511	-0,202	0,300
CHR1	22130513	CHR1:22130513	SSF x Near_LoA	-8,53558677	0,153	0,305
CHR1	22134987	CHR1:22134987	SSF x Near_LoA	-11,0509523	0,015	0,308
CHR1	22135014	CHR1:22135014	SSF x Near_LoA	-9,63099013	0,027	0,309
CHR1	22135069	CHR1:22135069	SSF x Near_LoA	-5,83263981	-0,101	0,324
CHR1	22135105	CHR1:22135105	SSF x Near_LoA	-9,61965845	-0,033	0,306
CHR1	22135115	CHR1:22135115	SSF x Near_LoA	-7,57994969	-0,086	0,302
CHR1	2214030	CHR1:2214030	SSF x Near_LoA	-9,41573349	0,087	0,294
CHR1	22154369	CHR1:22154369	SSF x Near_LoA	-7,29136373	0,061	0,309
CHR1	22155443	CHR1:22155443	SSF x Near_LoA	-7,82483139	0,141	0,310
CHR1	22155563	CHR1:22155563	SSF x Near_LoA	-8,78991098	0,121	0,305
CHR1	22155658	CHR1:22155658	SSF x Near_LoA	-10,6781079	0,002	0,302
CHR1	22155664	CHR1:22155664	SSF x Near_LoA	-10,7557918	0,012	0,307
CHR1	22160053	CHR1:22160053	SSF x Near_LoA	-10,6409815	-0,006	0,299
CHR1	2216081	CHR1:2216081	SSF x Near_LoA	-7,15390869	0,029	0,313
CHR1	2216082	CHR1:2216082	SSF x Near_LoA	-4,88599489	0,016	0,319
CHR1	2216117	CHR1:2216117	SSF x Near_LoA	-8,18399118	0,139	0,307
CHR1	22174612	CHR1:22174612	SSF x Near_LoA	-10,3747698	0,021	0,298
CHR1	22174676	CHR1:22174676	SSF x Near_LoA	-11,291847	0,018	0,300
CHR1	22174702	CHR1:22174702	SSF x Near_LoA	-9,264119	-0,025	0,304
CHR1	22174706	CHR1:22174706	SSF x Near_LoA	-11,0225697	0,034	0,311
CHR1	22174725	CHR1:22174725	SSF x Near_LoA	-8,18321622	-0,041	0,306
CHR1	2218062	CHR1:2218062	SSF x Near_LoA	-7,65159863	0,109	0,298
CHR1	22192196	CHR1:22192196	SSF x Near_LoA	-9,47128689	-0,052	0,307
CHR1	22192204	CHR1:22192204	SSF x Near_LoA	-7,02236374	-0,041	0,318
CHR1	22192328	CHR1:22192328	SSF x Near_LoA	-10,1904243	-0,155	0,296
CHR1	22194431	CHR1:22194431	SSF x Near_LoA	-7,87353107	0,085	0,294
CHR1	22221519	CHR1:22221519	SSF x Near_LoA	-10,6759111	-0,024	0,297
CHR1	22235441	CHR1:22235441	SSF x Near_LoA	-10,9583655	-0,120	0,302
CHR1	22238154	CHR1:22238154	SSF x Near_LoA	-10,129722	-0,001	0,299
CHR1	22238197	CHR1:22238197	SSF x Near_LoA	-9,47654284	-0,074	0,303
CHR1	22238248	CHR1:22238248	SSF x Near_LoA	-9,24205657	0,056	0,299
CHR1	22238383	CHR1:22238383	SSF x Near_LoA	-8,86778625	0,021	0,301
CHR1	22238411	CHR1:22238411	SSF x Near_LoA	-5,90206605	0,103	0,317
CHR1	22240276	CHR1:22240276	SSF x Near_LoA	-7,1743696	-0,093	0,324
CHR1	22240321	CHR1:22240321	SSF x Near_LoA	-10,7111582	-0,031	0,305
CHR1	22247950	CHR1:22247950	SSF x Near_LoA	-10,3679046	0,015	0,310
CHR1	22249038	CHR1:22249038	SSF x Near_LoA	-10,1289413	-0,031	0,302
CHR1	22249047	CHR1:22249047	SSF x Near_LoA	-8,61007454	0,010	0,306

CHR1	22250578	CHR1:22250578	SSF x Near_LoA	-12,0498171	0,017	0,304
CHR1	22250735	CHR1:22250735	SSF x Near_LoA	-9,33266943	-0,007	0,318
CHR1	22251626	CHR1:22251626	SSF x Near_LoA	-11,317223	-0,074	0,296
CHR1	22251631	CHR1:22251631	SSF x Near_LoA	-9,69632155	-0,103	0,310
CHR1	22251659	CHR1:22251659	SSF x Near_LoA	-6,19698523	0,117	0,294
CHR1	22252398	CHR1:22252398	SSF x Near_LoA	-7,89485495	-0,060	0,312
CHR1	22252401	CHR1:22252401	SSF x Near_LoA	-10,3236012	-0,047	0,307
CHR1	22252438	CHR1:22252438	SSF x Near_LoA	-8,82786521	0,014	0,315
CHR1	22255495	CHR1:22255495	SSF x Near_LoA	-8,99224063	-0,020	0,310
CHR1	22255557	CHR1:22255557	SSF x Near_LoA	-7,48388718	0,143	0,312
CHR1	22256716	CHR1:22256716	SSF x Near_LoA	-9,25683037	-0,075	0,323
CHR1	22256718	CHR1:22256718	SSF x Near_LoA	-8,76915599	-0,067	0,310
CHR1	22256747	CHR1:22256747	SSF x Near_LoA	-7,53347713	-0,144	0,294
CHR1	22256773	CHR1:22256773	SSF x Near_LoA	-8,63709973	-0,117	0,308
CHR1	22256776	CHR1:22256776	SSF x Near_LoA	-8,87451247	-0,019	0,305
CHR1	22260061	CHR1:22260061	SSF x Near_LoA	-9,18385942	0,005	0,312
CHR1	22260133	CHR1:22260133	SSF x Near_LoA	-11,6669898	-0,065	0,303
CHR1	22262239	CHR1:22262239	SSF x Near_LoA	-5,46852935	0,085	0,289
CHR1	22262245	CHR1:22262245	SSF x Near_LoA	-9,79021165	0,068	0,312
CHR1	22262254	CHR1:22262254	SSF x Near_LoA	-7,9925844	0,108	0,289
CHR1	22262275	CHR1:22262275	SSF x Near_LoA	-8,79523051	-0,011	0,314
CHR1	22262289	CHR1:22262289	SSF x Near_LoA	-9,31282188	0,062	0,297
CHR1	22262297	CHR1:22262297	SSF x Near_LoA	-8,5093333	0,095	0,310
CHR1	22262301	CHR1:22262301	SSF x Near_LoA	-9,10815457	-0,101	0,307
CHR1	2226535	CHR1:2226535	SSF x Near_LoA	-11,3990803	0,080	0,293
CHR1	2226652	CHR1:2226652	SSF x Near_LoA	-11,8272184	0,027	0,308
CHR1	2226653	CHR1:2226653	SSF x Near_LoA	-11,2635736	0,048	0,304
CHR1	2226861	CHR1:2226861	SSF x Near_LoA	-7,45125805	0,133	0,302
CHR1	22272091	CHR1:22272091	SSF x Near_LoA	-8,25838608	0,124	0,305
CHR1	22272123	CHR1:22272123	SSF x Near_LoA	-8,3384307	0,046	0,305
CHR1	22272128	CHR1:22272128	SSF x Near_LoA	-8,88953395	0,040	0,311
CHR1	22272144	CHR1:22272144	SSF x Near_LoA	-5,574245	-0,113	0,309
CHR1	22285923	CHR1:22285923	SSF x Near_LoA	-9,20598273	0,123	0,308
CHR1	22297800	CHR1:22297800	SSF x Near_LoA	-8,10717842	-0,104	0,284
CHR1	22298108	CHR1:22298108	SSF x Near_LoA	-8,5775156	0,039	0,319
CHR1	22307898	CHR1:22307898	SSF x Near_LoA	-7,85440263	-0,028	0,317
CHR1	2230832	CHR1:2230832	SSF x Near_LoA	-8,4215508	0,009	0,300
CHR1	22308336	CHR1:22308336	SSF x Near_LoA	-10,5241303	0,010	0,314
CHR1	2230853	CHR1:2230853	SSF x Near_LoA	-7,13367479	-0,055	0,302
CHR1	2230865	CHR1:2230865	SSF x Near_LoA	-7,74551611	0,011	0,305
CHR1	2230915	CHR1:2230915	SSF x Near_LoA	-8,15404882	0,066	0,310
CHR1	22311535	CHR1:22311535	SSF x Near_LoA	-10,8792389	0,101	0,293
CHR1	22311696	CHR1:22311696	SSF x Near_LoA	-9,05932269	0,020	0,328
CHR1	22311725	CHR1:22311725	SSF x Near_LoA	-8,18002956	0,083	0,300
CHR1	22313913	CHR1:22313913	SSF x Near_LoA	-9,29236846	0,034	0,304
CHR1	22321327	CHR1:22321327	SSF x Near_LoA	-10,9688886	0,110	0,301
CHR1	22321436	CHR1:22321436	SSF x Near_LoA	-10,0434368	-0,103	0,312
CHR1	22335530	CHR1:22335530	SSF x Near_LoA	-8,00660481	0,169	0,305
CHR1	22335597	CHR1:22335597	SSF x Near_LoA	-0,86746844	0,218	0,288
CHR1	22335641	CHR1:22335641	SSF x Near_LoA	5,46314398	0,170	0,304
CHR1	22335647	CHR1:22335647	SSF x Near_LoA	-9,30450586	0,055	0,304
CHR1	22335677	CHR1:22335677	SSF x Near_LoA	-7,37222112	0,174	0,306
CHR1	22335767	CHR1:22335767	SSF x Near_LoA	-9,93213173	-0,025	0,308

CHR1	22354295	CHR1:22354295	SSF x Near_LoA	-10,0778892	0,019	0,304
CHR1	22354319	CHR1:22354319	SSF x Near_LoA	-9,3491695	-0,078	0,304
CHR1	22354382	CHR1:22354382	SSF x Near_LoA	-11,2616472	0,002	0,293
CHR1	22354395	CHR1:22354395	SSF x Near_LoA	-9,19428062	-0,004	0,301
CHR1	22354396	CHR1:22354396	SSF x Near_LoA	-6,55844067	0,194	0,294
CHR1	22354477	CHR1:22354477	SSF x Near_LoA	-8,02061986	0,139	0,314
CHR1	22359639	CHR1:22359639	SSF x Near_LoA	-9,29615712	-0,019	0,294
CHR1	22362314	CHR1:22362314	SSF x Near_LoA	-10,3742908	0,079	0,307
CHR1	22362667	CHR1:22362667	SSF x Near_LoA	-7,94966214	-0,150	0,292
CHR1	22362774	CHR1:22362774	SSF x Near_LoA	-8,27562986	0,104	0,297
CHR1	22364478	CHR1:22364478	SSF x Near_LoA	-10,120077	-0,029	0,297
CHR1	22367486	CHR1:22367486	SSF x Near_LoA	-7,61801541	-0,110	0,315
CHR1	22374697	CHR1:22374697	SSF x Near_LoA	-10,605272	-0,006	0,320
CHR1	22374736	CHR1:22374736	SSF x Near_LoA	-10,6587602	0,066	0,294
CHR1	22374798	CHR1:22374798	SSF x Near_LoA	-9,43466303	-0,008	0,311
CHR1	22374799	CHR1:22374799	SSF x Near_LoA	-10,8422573	0,019	0,320
CHR1	2238709	CHR1:2238709	SSF x Near_LoA	-7,44714974	0,148	0,308
CHR1	2238807	CHR1:2238807	SSF x Near_LoA	-8,47704055	0,022	0,305
CHR1	22388418	CHR1:22388418	SSF x Near_LoA	-9,41875158	-0,145	0,315
CHR1	22389636	CHR1:22389636	SSF x Near_LoA	-8,75253408	-0,013	0,318
CHR1	22389654	CHR1:22389654	SSF x Near_LoA	-10,2010443	0,056	0,297
CHR1	22389669	CHR1:22389669	SSF x Near_LoA	-9,41385641	0,022	0,322
CHR1	22389689	CHR1:22389689	SSF x Near_LoA	-8,57981818	0,014	0,315
CHR1	223962	CHR1:223962	SSF x Near_LoA	-11,1981938	-0,066	0,314
CHR1	223991	CHR1:223991	SSF x Near_LoA	-10,5599491	0,089	0,300
CHR1	224066	CHR1:224066	SSF x Near_LoA	-8,34168365	0,046	0,316
CHR1	224092	CHR1:224092	SSF x Near_LoA	-7,9179209	0,042	0,302
CHR1	22410330	CHR1:22410330	SSF x Near_LoA	-6,80902983	0,071	0,319
CHR1	22410341	CHR1:22410341	SSF x Near_LoA	-10,52469	0,005	0,304
CHR1	22416102	CHR1:22416102	SSF x Near_LoA	-9,00572772	0,078	0,313
CHR1	224172	CHR1:224172	SSF x Near_LoA	-8,52594442	0,058	0,296
CHR1	22419350	CHR1:22419350	SSF x Near_LoA	-8,15125281	-0,096	0,311
CHR1	22419364	CHR1:22419364	SSF x Near_LoA	-3,23999658	-0,079	0,321
CHR1	22419420	CHR1:22419420	SSF x Near_LoA	-11,0072132	-0,053	0,303
CHR1	22425867	CHR1:22425867	SSF x Near_LoA	-9,62660904	0,055	0,298
CHR1	22425877	CHR1:22425877	SSF x Near_LoA	-11,4268137	0,031	0,312
CHR1	22428998	CHR1:22428998	SSF x Near_LoA	-5,7480359	0,084	0,317
CHR1	22429074	CHR1:22429074	SSF x Near_LoA	-10,2062785	-0,049	0,320
CHR1	22429201	CHR1:22429201	SSF x Near_LoA	-11,2837028	-0,004	0,308
CHR1	22429245	CHR1:22429245	SSF x Near_LoA	-1,67213022	0,017	0,310
CHR1	22435467	CHR1:22435467	SSF x Near_LoA	-8,8632411	-0,036	0,316
CHR1	22435555	CHR1:22435555	SSF x Near_LoA	-11,5687292	-0,038	0,312
CHR1	22435652	CHR1:22435652	SSF x Near_LoA	-10,0833879	0,012	0,313
CHR1	22437518	CHR1:22437518	SSF x Near_LoA	-9,22368231	0,051	0,289
CHR1	22437540	CHR1:22437540	SSF x Near_LoA	-11,3527888	0,015	0,307
CHR1	22437585	CHR1:22437585	SSF x Near_LoA	-8,39938074	0,052	0,303
CHR1	22437652	CHR1:22437652	SSF x Near_LoA	-6,22553354	-0,132	0,312
CHR1	22437687	CHR1:22437687	SSF x Near_LoA	-11,750082	0,044	0,296
CHR1	22437721	CHR1:22437721	SSF x Near_LoA	-11,2663534	0,038	0,305
CHR1	22442965	CHR1:22442965	SSF x Near_LoA	-10,6306624	-0,085	0,296
CHR1	22442976	CHR1:22442976	SSF x Near_LoA	-8,54097125	-0,101	0,311
CHR1	22443613	CHR1:22443613	SSF x Near_LoA	-10,5072789	-0,123	0,306
CHR1	22451787	CHR1:22451787	SSF x Near_LoA	-10,5913309	0,023	0,304

CHR1	22451820	CHR1:22451820	SSF x Near_LoA	-8,77396244	0,090	0,306
CHR1	22451913	CHR1:22451913	SSF x Near_LoA	-9,55871678	-0,053	0,305
CHR1	22451954	CHR1:22451954	SSF x Near_LoA	-11,1228759	-0,015	0,320
CHR1	22452088	CHR1:22452088	SSF x Near_LoA	-10,2178811	-0,049	0,309
CHR1	22475274	CHR1:22475274	SSF x Near_LoA	-7,34383497	0,085	0,307
CHR1	22475312	CHR1:22475312	SSF x Near_LoA	-8,85772178	0,013	0,311
CHR1	22475377	CHR1:22475377	SSF x Near_LoA	-9,92856459	-0,030	0,309
CHR1	22475405	CHR1:22475405	SSF x Near_LoA	-9,92286813	0,041	0,290
CHR1	22475502	CHR1:22475502	SSF x Near_LoA	-10,3567077	0,024	0,314
CHR1	22475568	CHR1:22475568	SSF x Near_LoA	-10,1090621	0,145	0,307
CHR1	22475621	CHR1:22475621	SSF x Near_LoA	-11,5456749	0,027	0,294
CHR1	22488113	CHR1:22488113	SSF x Near_LoA	-10,0586596	-0,061	0,311
CHR1	22488174	CHR1:22488174	SSF x Near_LoA	-11,4920769	0,025	0,286
CHR1	22497207	CHR1:22497207	SSF x Near_LoA	-11,3990184	0,026	0,307
CHR1	22497225	CHR1:22497225	SSF x Near_LoA	-10,0043608	-0,060	0,294
CHR1	22497228	CHR1:22497228	SSF x Near_LoA	-9,96080054	0,009	0,323
CHR1	22512042	CHR1:22512042	SSF x Near_LoA	-10,647969	0,025	0,314
CHR1	22512090	CHR1:22512090	SSF x Near_LoA	-10,9631446	0,007	0,299
CHR1	22512092	CHR1:22512092	SSF x Near_LoA	-10,3617586	0,002	0,299
CHR1	22512098	CHR1:22512098	SSF x Near_LoA	-9,51692556	-0,035	0,300
CHR1	22512099	CHR1:22512099	SSF x Near_LoA	-7,81239474	-0,030	0,315
CHR1	22512132	CHR1:22512132	SSF x Near_LoA	-11,0034863	-0,026	0,277
CHR1	22512141	CHR1:22512141	SSF x Near_LoA	-7,78067683	0,017	0,297
CHR1	22512148	CHR1:22512148	SSF x Near_LoA	-11,1546382	0,008	0,308
CHR1	22512577	CHR1:22512577	SSF x Near_LoA	-10,1183523	-0,096	0,306
CHR1	22512587	CHR1:22512587	SSF x Near_LoA	-8,46564909	0,044	0,301
CHR1	22521350	CHR1:22521350	SSF x Near_LoA	-9,244324	-0,049	0,317
CHR1	22521352	CHR1:22521352	SSF x Near_LoA	-9,56862624	-0,097	0,294
CHR1	22521356	CHR1:22521356	SSF x Near_LoA	-8,91959394	-0,081	0,303
CHR1	22521369	CHR1:22521369	SSF x Near_LoA	-9,98265467	0,033	0,315
CHR1	22521411	CHR1:22521411	SSF x Near_LoA	-10,494488	-0,023	0,311
CHR1	22521491	CHR1:22521491	SSF x Near_LoA	-11,465531	-0,042	0,309
CHR1	22521527	CHR1:22521527	SSF x Near_LoA	-9,14891044	0,044	0,312
CHR1	22521599	CHR1:22521599	SSF x Near_LoA	-8,42541678	0,081	0,295
CHR1	22521603	CHR1:22521603	SSF x Near_LoA	-8,13617031	0,088	0,298
CHR1	22524331	CHR1:22524331	SSF x Near_LoA	-8,51129916	0,067	0,305
CHR1	22528420	CHR1:22528420	SSF x Near_LoA	-10,3445592	0,127	0,300
CHR1	22534160	CHR1:22534160	SSF x Near_LoA	-10,6232486	0,013	0,303
CHR1	22534241	CHR1:22534241	SSF x Near_LoA	-9,46267331	-0,010	0,321
CHR1	22554638	CHR1:22554638	SSF x Near_LoA	-8,57392881	0,054	0,310
CHR1	22554771	CHR1:22554771	SSF x Near_LoA	-9,11353254	0,024	0,313
CHR1	22557824	CHR1:22557824	SSF x Near_LoA	-8,54213307	0,090	0,306
CHR1	22558035	CHR1:22558035	SSF x Near_LoA	-9,92119233	0,106	0,299
CHR1	22558140	CHR1:22558140	SSF x Near_LoA	-8,03791426	0,081	0,318
CHR1	22563155	CHR1:22563155	SSF x Near_LoA	-8,71124615	0,005	0,321
CHR1	22563157	CHR1:22563157	SSF x Near_LoA	-8,81791746	-0,033	0,314
CHR1	22563159	CHR1:22563159	SSF x Near_LoA	-8,52300547	0,100	0,308
CHR1	22563160	CHR1:22563160	SSF x Near_LoA	-9,72716677	-0,018	0,322
CHR1	22563163	CHR1:22563163	SSF x Near_LoA	-9,26243022	0,003	0,309
CHR1	22563164	CHR1:22563164	SSF x Near_LoA	-10,5295923	-0,012	0,314
CHR1	22563244	CHR1:22563244	SSF x Near_LoA	-6,518085	0,068	0,314
CHR1	22568578	CHR1:22568578	SSF x Near_LoA	-7,9558328	0,089	0,299
CHR1	22568620	CHR1:22568620	SSF x Near_LoA	-10,9132663	0,019	0,322

CHR1	22568657	CHR1:22568657	SSF x Near_LoA	-9,77496122	0,044	0,313
CHR1	22568688	CHR1:22568688	SSF x Near_LoA	-10,7222026	0,099	0,306
CHR1	22568713	CHR1:22568713	SSF x Near_LoA	-9,24641508	-0,024	0,326
CHR1	22568714	CHR1:22568714	SSF x Near_LoA	-8,7640579	0,033	0,313
CHR1	22568759	CHR1:22568759	SSF x Near_LoA	-9,804002	-0,094	0,302
CHR1	22568768	CHR1:22568768	SSF x Near_LoA	-10,8231319	-0,012	0,310
CHR1	22570889	CHR1:22570889	SSF x Near_LoA	-10,056121	0,016	0,300
CHR1	22570899	CHR1:22570899	SSF x Near_LoA	-10,2550408	-0,053	0,329
CHR1	22570975	CHR1:22570975	SSF x Near_LoA	-8,4834658	-0,118	0,310
CHR1	22576199	CHR1:22576199	SSF x Near_LoA	-9,47932887	0,095	0,286
CHR1	22576202	CHR1:22576202	SSF x Near_LoA	-8,64837468	0,058	0,289
CHR1	22576279	CHR1:22576279	SSF x Near_LoA	-7,63566805	-0,015	0,322
CHR1	22577008	CHR1:22577008	SSF x Near_LoA	-11,7220814	-0,035	0,306
CHR1	22577009	CHR1:22577009	SSF x Near_LoA	-10,2973107	-0,052	0,306
CHR1	22577155	CHR1:22577155	SSF x Near_LoA	-11,9976944	0,017	0,296
CHR1	22581313	CHR1:22581313	SSF x Near_LoA	-12,173872	-0,005	0,299
CHR1	22581319	CHR1:22581319	SSF x Near_LoA	-6,13178069	-0,088	0,307
CHR1	22581474	CHR1:22581474	SSF x Near_LoA	-5,62367528	-0,009	0,326
CHR1	22581527	CHR1:22581527	SSF x Near_LoA	-8,34020984	-0,004	0,323
CHR1	22581533	CHR1:22581533	SSF x Near_LoA	-9,43339013	0,016	0,307
CHR1	22583190	CHR1:22583190	SSF x Near_LoA	-10,6479426	0,097	0,311
CHR1	22584345	CHR1:22584345	SSF x Near_LoA	-9,16339365	-0,005	0,303
CHR1	22584370	CHR1:22584370	SSF x Near_LoA	-9,94333491	0,081	0,302
CHR1	22588856	CHR1:22588856	SSF x Near_LoA	-11,5448229	-0,035	0,310
CHR1	22592003	CHR1:22592003	SSF x Near_LoA	-10,1069543	0,124	0,304
CHR1	22592028	CHR1:22592028	SSF x Near_LoA	-3,9250376	0,126	0,310
CHR1	22592041	CHR1:22592041	SSF x Near_LoA	-6,65650262	0,115	0,296
CHR1	22592044	CHR1:22592044	SSF x Near_LoA	-9,57108748	-0,037	0,321
CHR1	22594154	CHR1:22594154	SSF x Near_LoA	-10,1175914	0,023	0,299
CHR1	22601322	CHR1:22601322	SSF x Near_LoA	-9,33795411	-0,082	0,315
CHR1	22601354	CHR1:22601354	SSF x Near_LoA	-9,93846723	0,064	0,304
CHR1	2260499	CHR1:2260499	SSF x Near_LoA	-8,69690538	0,117	0,317
CHR1	2260503	CHR1:2260503	SSF x Near_LoA	-10,4264274	0,081	0,313
CHR1	2260561	CHR1:2260561	SSF x Near_LoA	-8,36433228	-0,033	0,304
CHR1	2260565	CHR1:2260565	SSF x Near_LoA	-9,02629451	0,008	0,304
CHR1	2260575	CHR1:2260575	SSF x Near_LoA	-9,84403304	0,006	0,320
CHR1	2260603	CHR1:2260603	SSF x Near_LoA	-8,00298696	-0,135	0,299
CHR1	2260630	CHR1:2260630	SSF x Near_LoA	-7,62114515	0,011	0,320
CHR1	22610869	CHR1:22610869	SSF x Near_LoA	-7,38112233	-0,136	0,307
CHR1	22610960	CHR1:22610960	SSF x Near_LoA	-9,53831945	0,097	0,301
CHR1	22611041	CHR1:22611041	SSF x Near_LoA	-10,9444919	-0,089	0,308
CHR1	22611066	CHR1:22611066	SSF x Near_LoA	-5,94638467	-0,076	0,312
CHR1	22620230	CHR1:22620230	SSF x Near_LoA	-8,93903063	-0,002	0,311
CHR1	22630543	CHR1:22630543	SSF x Near_LoA	-11,3108062	0,039	0,316
CHR1	22630548	CHR1:22630548	SSF x Near_LoA	-11,3889643	0,081	0,298
CHR1	2263081	CHR1:2263081	SSF x Near_LoA	-7,39095648	0,095	0,302
CHR1	2263121	CHR1:2263121	SSF x Near_LoA	-9,76083185	-0,015	0,308
CHR1	2263134	CHR1:2263134	SSF x Near_LoA	-9,43387581	-0,001	0,304
CHR1	2263187	CHR1:2263187	SSF x Near_LoA	-8,36278688	0,082	0,301
CHR1	2263240	CHR1:2263240	SSF x Near_LoA	-6,03696363	0,138	0,309
CHR1	22660423	CHR1:22660423	SSF x Near_LoA	-11,3888143	0,014	0,302
CHR1	22660472	CHR1:22660472	SSF x Near_LoA	-9,53195422	-0,032	0,316
CHR1	22660489	CHR1:22660489	SSF x Near_LoA	-9,40747506	0,026	0,305

CHR1	22660500	CHR1:22660500	SSF x Near_LoA	-10,0178715	0,064	0,301
CHR1	22660508	CHR1:22660508	SSF x Near_LoA	-7,11728004	-0,123	0,300
CHR1	22660523	CHR1:22660523	SSF x Near_LoA	-5,60134667	-0,168	0,298
CHR1	22660525	CHR1:22660525	SSF x Near_LoA	-6,17396239	0,082	0,321
CHR1	22660558	CHR1:22660558	SSF x Near_LoA	-8,82291438	-0,018	0,314
CHR1	22660600	CHR1:22660600	SSF x Near_LoA	-9,42164099	-0,056	0,312
CHR1	22660628	CHR1:22660628	SSF x Near_LoA	-7,55420664	0,088	0,294
CHR1	22668032	CHR1:22668032	SSF x Near_LoA	-10,6459215	-0,020	0,296
CHR1	22680613	CHR1:22680613	SSF x Near_LoA	-8,56160001	-0,109	0,312
CHR1	22680651	CHR1:22680651	SSF x Near_LoA	-9,70012377	-0,016	0,309
CHR1	22680730	CHR1:22680730	SSF x Near_LoA	-10,037317	-0,026	0,297
CHR1	22680735	CHR1:22680735	SSF x Near_LoA	-9,98677326	-0,040	0,299
CHR1	22680753	CHR1:22680753	SSF x Near_LoA	-8,566506	0,031	0,293
CHR1	22680832	CHR1:22680832	SSF x Near_LoA	-5,21893781	-0,094	0,315
CHR1	22680835	CHR1:22680835	SSF x Near_LoA	-6,15710996	-0,121	0,306
CHR1	22680837	CHR1:22680837	SSF x Near_LoA	-7,32037555	-0,052	0,310
CHR1	22686857	CHR1:22686857	SSF x Near_LoA	-10,6814008	-0,002	0,310
CHR1	22686975	CHR1:22686975	SSF x Near_LoA	-11,3463837	-0,016	0,305
CHR1	22688173	CHR1:22688173	SSF x Near_LoA	-7,50950237	0,163	0,297
CHR1	22688241	CHR1:22688241	SSF x Near_LoA	-10,6966279	0,058	0,317
CHR1	22697796	CHR1:22697796	SSF x Near_LoA	-7,24959134	0,123	0,301
CHR1	22697843	CHR1:22697843	SSF x Near_LoA	-8,4557032	0,135	0,306
CHR1	22731955	CHR1:22731955	SSF x Near_LoA	-9,92068346	0,004	0,299
CHR1	22731987	CHR1:22731987	SSF x Near_LoA	-9,41101285	0,056	0,306
CHR1	22731995	CHR1:22731995	SSF x Near_LoA	-10,3101504	-0,034	0,291
CHR1	22732002	CHR1:22732002	SSF x Near_LoA	-11,1676055	-0,037	0,304
CHR1	22732034	CHR1:22732034	SSF x Near_LoA	-11,4927768	-0,054	0,292
CHR1	22732092	CHR1:22732092	SSF x Near_LoA	-11,9095004	-0,027	0,314
CHR1	22732135	CHR1:22732135	SSF x Near_LoA	-11,0754796	-0,066	0,309
CHR1	22732143	CHR1:22732143	SSF x Near_LoA	-9,68846544	-0,065	0,315
CHR1	22735615	CHR1:22735615	SSF x Near_LoA	-6,21374311	0,027	0,304
CHR1	22737460	CHR1:22737460	SSF x Near_LoA	-8,12322347	0,097	0,293
CHR1	22742393	CHR1:22742393	SSF x Near_LoA	-6,75205746	-0,044	0,312
CHR1	22742429	CHR1:22742429	SSF x Near_LoA	-10,0751275	-0,053	0,311
CHR1	22742527	CHR1:22742527	SSF x Near_LoA	-10,4691124	0,017	0,303
CHR1	22753653	CHR1:22753653	SSF x Near_LoA	-7,1668369	-0,023	0,326
CHR1	2278362	CHR1:2278362	SSF x Near_LoA	-3,28156403	-0,124	0,302
CHR1	2278419	CHR1:2278419	SSF x Near_LoA	-10,2927492	-0,129	0,293
CHR1	2278553	CHR1:2278553	SSF x Near_LoA	-6,87861827	-0,002	0,311
CHR1	22797537	CHR1:22797537	SSF x Near_LoA	-5,24967094	-0,011	0,315
CHR1	22798347	CHR1:22798347	SSF x Near_LoA	-7,46699736	-0,148	0,299
CHR1	22798368	CHR1:22798368	SSF x Near_LoA	-6,41144376	-0,161	0,307
CHR1	22798369	CHR1:22798369	SSF x Near_LoA	-10,1009565	-0,070	0,317
CHR1	22798407	CHR1:22798407	SSF x Near_LoA	-9,39680258	-0,077	0,307
CHR1	22804602	CHR1:22804602	SSF x Near_LoA	-7,91770356	0,161	0,297
CHR1	22804850	CHR1:22804850	SSF x Near_LoA	-9,84440147	-0,051	0,308
CHR1	22830831	CHR1:22830831	SSF x Near_LoA	-8,75233136	0,083	0,307
CHR1	22835905	CHR1:22835905	SSF x Near_LoA	-10,1651352	-0,101	0,303
CHR1	22836002	CHR1:22836002	SSF x Near_LoA	-10,9361568	-0,059	0,307
CHR1	22837584	CHR1:22837584	SSF x Near_LoA	-7,29054725	0,023	0,314
CHR1	22837670	CHR1:22837670	SSF x Near_LoA	-7,9244032	-0,013	0,314
CHR1	22837695	CHR1:22837695	SSF x Near_LoA	-11,5956088	-0,015	0,310
CHR1	22842953	CHR1:22842953	SSF x Near_LoA	-10,7979543	0,107	0,289

CHR1	22842982	CHR1:22842982	SSF x Near_LoA	-9,19065063	0,036	0,304
CHR1	22843020	CHR1:22843020	SSF x Near_LoA	-10,014063	-0,008	0,304
CHR1	22843041	CHR1:22843041	SSF x Near_LoA	-10,4374713	-0,008	0,307
CHR1	22843068	CHR1:22843068	SSF x Near_LoA	-8,90310838	0,162	0,296
CHR1	22847378	CHR1:22847378	SSF x Near_LoA	-10,8520482	0,020	0,320
CHR1	22847389	CHR1:22847389	SSF x Near_LoA	-11,7729709	0,013	0,317
CHR1	22851004	CHR1:22851004	SSF x Near_LoA	-8,78535841	0,127	0,296
CHR1	22851037	CHR1:22851037	SSF x Near_LoA	-8,70525911	0,134	0,310
CHR1	22851056	CHR1:22851056	SSF x Near_LoA	-3,2976888	0,120	0,296
CHR1	22851058	CHR1:22851058	SSF x Near_LoA	-9,9592925	0,077	0,321
CHR1	22851094	CHR1:22851094	SSF x Near_LoA	-11,9921346	0,094	0,295
CHR1	22852095	CHR1:22852095	SSF x Near_LoA	-9,64716517	0,049	0,317
CHR1	22857817	CHR1:22857817	SSF x Near_LoA	-5,92523493	0,103	0,293
CHR1	22857837	CHR1:22857837	SSF x Near_LoA	-7,8125361	0,109	0,314
CHR1	22857843	CHR1:22857843	SSF x Near_LoA	-11,7338377	0,005	0,307
CHR1	22857853	CHR1:22857853	SSF x Near_LoA	-10,6060506	0,057	0,301
CHR1	22857894	CHR1:22857894	SSF x Near_LoA	-8,79384394	0,091	0,298
CHR1	22857915	CHR1:22857915	SSF x Near_LoA	-8,77132178	0,048	0,304
CHR1	22857920	CHR1:22857920	SSF x Near_LoA	-6,91125205	-0,012	0,313
CHR1	22858008	CHR1:22858008	SSF x Near_LoA	-8,03928868	0,120	0,311
CHR1	22858016	CHR1:22858016	SSF x Near_LoA	-11,6007324	0,022	0,304
CHR1	22858026	CHR1:22858026	SSF x Near_LoA	-10,9840541	0,078	0,308
CHR1	22858029	CHR1:22858029	SSF x Near_LoA	-9,35873757	0,091	0,302
CHR1	22869273	CHR1:22869273	SSF x Near_LoA	-9,55171419	0,037	0,313
CHR1	22869489	CHR1:22869489	SSF x Near_LoA	-4,95157438	0,089	0,293
CHR1	22869572	CHR1:22869572	SSF x Near_LoA	-9,51223952	0,031	0,300
CHR1	22869605	CHR1:22869605	SSF x Near_LoA	-10,735894	0,049	0,308
CHR1	22869638	CHR1:22869638	SSF x Near_LoA	-8,44719233	0,072	0,306
CHR1	2289168	CHR1:2289168	SSF x Near_LoA	-0,90214891	-0,137	0,320
CHR1	2289177	CHR1:2289177	SSF x Near_LoA	-6,33277641	0,141	0,280
CHR1	2289202	CHR1:2289202	SSF x Near_LoA	-9,73054811	-0,080	0,283
CHR1	22899946	CHR1:22899946	SSF x Near_LoA	-8,87125295	-0,025	0,320
CHR1	22899952	CHR1:22899952	SSF x Near_LoA	-6,0494445	-0,121	0,311
CHR1	22899968	CHR1:22899968	SSF x Near_LoA	-5,74384319	-0,027	0,319
CHR1	22900000	CHR1:22900000	SSF x Near_LoA	-10,6385134	-0,022	0,320
CHR1	22900003	CHR1:22900003	SSF x Near_LoA	-8,84075491	-0,009	0,302
CHR1	22900005	CHR1:22900005	SSF x Near_LoA	-8,32127087	-0,028	0,308
CHR1	22900017	CHR1:22900017	SSF x Near_LoA	-9,60143762	-0,034	0,302
CHR1	22900023	CHR1:22900023	SSF x Near_LoA	-11,0496122	0,068	0,309
CHR1	22902357	CHR1:22902357	SSF x Near_LoA	-9,79614028	-0,124	0,318
CHR1	22923532	CHR1:22923532	SSF x Near_LoA	-0,11216635	-0,005	0,307
CHR1	22936170	CHR1:22936170	SSF x Near_LoA	-9,59580583	-0,035	0,314
CHR1	22936239	CHR1:22936239	SSF x Near_LoA	-8,68457297	-0,060	0,309
CHR1	22936251	CHR1:22936251	SSF x Near_LoA	-8,68024541	0,069	0,291
CHR1	22936320	CHR1:22936320	SSF x Near_LoA	-7,69574599	0,152	0,308
CHR1	22936375	CHR1:22936375	SSF x Near_LoA	-11,5783985	0,057	0,317
CHR1	22937801	CHR1:22937801	SSF x Near_LoA	-11,3559038	-0,086	0,304
CHR1	22937925	CHR1:22937925	SSF x Near_LoA	-9,16536728	0,010	0,304
CHR1	22945185	CHR1:22945185	SSF x Near_LoA	-10,5410686	-0,007	0,317
CHR1	22945299	CHR1:22945299	SSF x Near_LoA	-10,1176541	0,039	0,322
CHR1	22948854	CHR1:22948854	SSF x Near_LoA	-10,1753561	-0,140	0,318
CHR1	22948858	CHR1:22948858	SSF x Near_LoA	-7,79639968	0,013	0,296
CHR1	22948880	CHR1:22948880	SSF x Near_LoA	-9,72168216	0,078	0,295

CHR1	22948884	CHR1:22948884	SSF x Near_LoA	-9,88756834	0,039	0,309
CHR1	22948910	CHR1:22948910	SSF x Near_LoA	-10,0875698	0,071	0,310
CHR1	22948915	CHR1:22948915	SSF x Near_LoA	-7,60221534	0,130	0,292
CHR1	22948921	CHR1:22948921	SSF x Near_LoA	-11,0851939	-0,088	0,303
CHR1	22948938	CHR1:22948938	SSF x Near_LoA	-8,19092461	0,028	0,302
CHR1	22948943	CHR1:22948943	SSF x Near_LoA	-8,65694353	0,108	0,314
CHR1	22949098	CHR1:22949098	SSF x Near_LoA	-7,99925717	0,087	0,306
CHR1	22963869	CHR1:22963869	SSF x Near_LoA	-8,68374832	0,150	0,307
CHR1	22969380	CHR1:22969380	SSF x Near_LoA	-8,40584347	0,028	0,318
CHR1	22969408	CHR1:22969408	SSF x Near_LoA	-8,29031026	0,038	0,308
CHR1	22969526	CHR1:22969526	SSF x Near_LoA	-8,70718915	0,027	0,307
CHR1	22970801	CHR1:22970801	SSF x Near_LoA	-7,47645292	0,137	0,294
CHR1	22970805	CHR1:22970805	SSF x Near_LoA	-6,29829251	0,118	0,305
CHR1	22970821	CHR1:22970821	SSF x Near_LoA	-11,4149557	0,074	0,305
CHR1	22970894	CHR1:22970894	SSF x Near_LoA	-3,71965623	-0,224	0,289
CHR1	22970895	CHR1:22970895	SSF x Near_LoA	-4,08989554	-0,259	0,299
CHR1	2297415	CHR1:2297415	SSF x Near_LoA	-7,8877527	-0,044	0,319
CHR1	22974224	CHR1:22974224	SSF x Near_LoA	-10,0558585	-0,032	0,312
CHR1	22974288	CHR1:22974288	SSF x Near_LoA	-3,80325719	-0,088	0,306
CHR1	22974293	CHR1:22974293	SSF x Near_LoA	-11,2577592	0,006	0,301
CHR1	22974294	CHR1:22974294	SSF x Near_LoA	-11,602228	0,014	0,309
CHR1	22974348	CHR1:22974348	SSF x Near_LoA	-8,53125063	-0,002	0,304
CHR1	22974355	CHR1:22974355	SSF x Near_LoA	-7,94926255	0,010	0,302
CHR1	22974382	CHR1:22974382	SSF x Near_LoA	-10,6270975	0,030	0,301
CHR1	2297626	CHR1:2297626	SSF x Near_LoA	-7,60306451	0,115	0,317
CHR1	22980274	CHR1:22980274	SSF x Near_LoA	-12,028748	0,028	0,311
CHR1	22986954	CHR1:22986954	SSF x Near_LoA	-8,89629782	-0,017	0,311
CHR1	22990759	CHR1:22990759	SSF x Near_LoA	-5,42273944	-0,055	0,300
CHR1	22995434	CHR1:22995434	SSF x Near_LoA	-8,76204999	-0,105	0,311
CHR1	23009228	CHR1:23009228	SSF x Near_LoA	-9,37011217	-0,019	0,297
CHR1	23009299	CHR1:23009299	SSF x Near_LoA	-8,41520526	0,072	0,312
CHR1	23009349	CHR1:23009349	SSF x Near_LoA	-9,24691742	-0,025	0,313
CHR1	23009426	CHR1:23009426	SSF x Near_LoA	-8,23617493	-0,020	0,290
CHR1	23011351	CHR1:23011351	SSF x Near_LoA	-11,7618588	0,044	0,309
CHR1	23011436	CHR1:23011436	SSF x Near_LoA	-9,13009501	0,061	0,302
CHR1	23011533	CHR1:23011533	SSF x Near_LoA	-8,82060456	0,119	0,309
CHR1	23011543	CHR1:23011543	SSF x Near_LoA	-9,74268462	-0,098	0,299
CHR1	23011596	CHR1:23011596	SSF x Near_LoA	-8,71427538	0,032	0,300
CHR1	23011630	CHR1:23011630	SSF x Near_LoA	-9,54661074	0,025	0,317
CHR1	2301325	CHR1:2301325	SSF x Near_LoA	-8,39435973	-0,037	0,296
CHR1	2301373	CHR1:2301373	SSF x Near_LoA	-9,886127	-0,019	0,320
CHR1	2301401	CHR1:2301401	SSF x Near_LoA	-9,77706135	-0,131	0,286
CHR1	2301408	CHR1:2301408	SSF x Near_LoA	-8,72705023	0,079	0,318
CHR1	2301468	CHR1:2301468	SSF x Near_LoA	-3,62133097	-0,130	0,306
CHR1	23019062	CHR1:23019062	SSF x Near_LoA	-8,51412908	0,050	0,300
CHR1	23019071	CHR1:23019071	SSF x Near_LoA	-10,1689894	0,047	0,301
CHR1	23019099	CHR1:23019099	SSF x Near_LoA	-9,40893985	-0,029	0,291
CHR1	23021715	CHR1:23021715	SSF x Near_LoA	-7,55615777	-0,161	0,306
CHR1	23030998	CHR1:23030998	SSF x Near_LoA	-8,4643304	-0,022	0,298
CHR1	23031049	CHR1:23031049	SSF x Near_LoA	-10,1753936	-0,103	0,283
CHR1	23031308	CHR1:23031308	SSF x Near_LoA	-11,0197755	0,021	0,312
CHR1	23031310	CHR1:23031310	SSF x Near_LoA	-9,84974132	-0,093	0,302
CHR1	23031317	CHR1:23031317	SSF x Near_LoA	-9,0475376	-0,079	0,303

CHR1	23031333	CHR1:23031333	SSF x Near_LoA	-10,2053786	-0,091	0,315
CHR1	23035433	CHR1:23035433	SSF x Near_LoA	-9,12046804	-0,006	0,309
CHR1	23035461	CHR1:23035461	SSF x Near_LoA	-7,80144141	-0,039	0,312
CHR1	230356	CHR1:230356	SSF x Near_LoA	-8,06398005	0,165	0,293
CHR1	23036352	CHR1:23036352	SSF x Near_LoA	-11,1262408	-0,072	0,316
CHR1	23036387	CHR1:23036387	SSF x Near_LoA	-9,06375147	0,024	0,303
CHR1	23036424	CHR1:23036424	SSF x Near_LoA	-7,96784075	-0,066	0,301
CHR1	2304045	CHR1:2304045	SSF x Near_LoA	-8,06685181	0,147	0,304
CHR1	2304497	CHR1:2304497	SSF x Near_LoA	-11,5246853	-0,056	0,295
CHR1	23045474	CHR1:23045474	SSF x Near_LoA	-11,1893185	-0,097	0,294
CHR1	23045626	CHR1:23045626	SSF x Near_LoA	-9,09384368	-0,030	0,300
CHR1	23048759	CHR1:23048759	SSF x Near_LoA	-9,31119078	-0,104	0,289
CHR1	23048906	CHR1:23048906	SSF x Near_LoA	-5,38364698	-0,126	0,301
CHR1	23059849	CHR1:23059849	SSF x Near_LoA	-8,75716294	0,056	0,296
CHR1	23059896	CHR1:23059896	SSF x Near_LoA	-10,7193617	0,033	0,300
CHR1	23059903	CHR1:23059903	SSF x Near_LoA	-9,3214931	0,157	0,298
CHR1	23059951	CHR1:23059951	SSF x Near_LoA	-7,77319176	0,220	0,291
CHR1	23060028	CHR1:23060028	SSF x Near_LoA	-6,57740367	0,212	0,290
CHR1	23060057	CHR1:23060057	SSF x Near_LoA	-5,10076312	0,170	0,302
CHR1	23068475	CHR1:23068475	SSF x Near_LoA	-10,9983375	0,024	0,297
CHR1	23073060	CHR1:23073060	SSF x Near_LoA	-7,92129784	-0,175	0,299
CHR1	23073251	CHR1:23073251	SSF x Near_LoA	-9,47276365	0,121	0,299
CHR1	23079882	CHR1:23079882	SSF x Near_LoA	-6,91524898	-0,001	0,315
CHR1	23113476	CHR1:23113476	SSF x Near_LoA	-12,2093616	0,016	0,301
CHR1	23113626	CHR1:23113626	SSF x Near_LoA	-12,3344367	-0,007	0,303
CHR1	23113646	CHR1:23113646	SSF x Near_LoA	-9,66260875	0,131	0,296
CHR1	23117286	CHR1:23117286	SSF x Near_LoA	-9,98374502	0,008	0,312
CHR1	23117346	CHR1:23117346	SSF x Near_LoA	-11,2247631	-0,023	0,297
CHR1	23119738	CHR1:23119738	SSF x Near_LoA	-7,84606658	-0,076	0,326
CHR1	23119853	CHR1:23119853	SSF x Near_LoA	-9,22650243	-0,064	0,309
CHR1	23119905	CHR1:23119905	SSF x Near_LoA	-5,88068263	-0,069	0,325
CHR1	23119944	CHR1:23119944	SSF x Near_LoA	-11,3868665	-0,006	0,307
CHR1	23119945	CHR1:23119945	SSF x Near_LoA	-8,70415395	-0,062	0,303
CHR1	23128107	CHR1:23128107	SSF x Near_LoA	-9,57835051	0,017	0,309
CHR1	23131206	CHR1:23131206	SSF x Near_LoA	-10,8995429	0,057	0,290
CHR1	23138944	CHR1:23138944	SSF x Near_LoA	-7,38320036	-0,124	0,294
CHR1	23138959	CHR1:23138959	SSF x Near_LoA	-9,5659292	-0,013	0,306
CHR1	23138994	CHR1:23138994	SSF x Near_LoA	-10,6191484	-0,071	0,302
CHR1	23139009	CHR1:23139009	SSF x Near_LoA	-5,30412072	0,054	0,303
CHR1	23139093	CHR1:23139093	SSF x Near_LoA	-7,23712278	-0,099	0,302
CHR1	23163184	CHR1:23163184	SSF x Near_LoA	-8,47866371	0,090	0,305
CHR1	23163287	CHR1:23163287	SSF x Near_LoA	-5,54296466	0,119	0,309
CHR1	2317377	CHR1:2317377	SSF x Near_LoA	-11,1151622	0,002	0,320
CHR1	23184088	CHR1:23184088	SSF x Near_LoA	-9,42723447	0,063	0,304
CHR1	23184096	CHR1:23184096	SSF x Near_LoA	-5,18282252	0,086	0,298
CHR1	23189081	CHR1:23189081	SSF x Near_LoA	-10,672676	0,045	0,315
CHR1	23189123	CHR1:23189123	SSF x Near_LoA	-10,4379362	0,018	0,301
CHR1	23191823	CHR1:23191823	SSF x Near_LoA	-9,00134188	0,016	0,309
CHR1	23191855	CHR1:23191855	SSF x Near_LoA	-9,20514879	0,064	0,302
CHR1	23191866	CHR1:23191866	SSF x Near_LoA	-8,69120802	0,058	0,312
CHR1	23191890	CHR1:23191890	SSF x Near_LoA	-10,3392453	0,102	0,298
CHR1	23191895	CHR1:23191895	SSF x Near_LoA	-9,05018134	0,056	0,320
CHR1	23197477	CHR1:23197477	SSF x Near_LoA	-8,36390759	-0,119	0,305

CHR1	23197518	CHR1:23197518	SSF x Near_LoA	-8,10758991	-0,013	0,316
CHR1	23197520	CHR1:23197520	SSF x Near_LoA	-7,85978701	0,017	0,308
CHR1	23197567	CHR1:23197567	SSF x Near_LoA	-8,81657612	-0,110	0,289
CHR1	23197665	CHR1:23197665	SSF x Near_LoA	-7,77809259	0,080	0,294
CHR1	23202758	CHR1:23202758	SSF x Near_LoA	-8,29896304	-0,046	0,309
CHR1	23202870	CHR1:23202870	SSF x Near_LoA	-10,5381905	0,102	0,311
CHR1	23206529	CHR1:23206529	SSF x Near_LoA	-4,9391286	0,002	0,302
CHR1	23206545	CHR1:23206545	SSF x Near_LoA	-7,69180946	0,069	0,312
CHR1	23206546	CHR1:23206546	SSF x Near_LoA	0,6805481	-0,021	0,314
CHR1	23206610	CHR1:23206610	SSF x Near_LoA	-8,27297666	-0,010	0,292
CHR1	23206639	CHR1:23206639	SSF x Near_LoA	-5,3554387	-0,006	0,324
CHR1	23219218	CHR1:23219218	SSF x Near_LoA	-8,48225253	-0,051	0,316
CHR1	23227512	CHR1:23227512	SSF x Near_LoA	-8,75354714	0,024	0,315
CHR1	23227538	CHR1:23227538	SSF x Near_LoA	-11,9731276	0,005	0,301
CHR1	23227596	CHR1:23227596	SSF x Near_LoA	-11,4448079	-0,017	0,289
CHR1	23229769	CHR1:23229769	SSF x Near_LoA	-8,16940765	0,110	0,312
CHR1	23229854	CHR1:23229854	SSF x Near_LoA	-11,5986805	-0,019	0,311
CHR1	23231546	CHR1:23231546	SSF x Near_LoA	-8,00032143	0,096	0,302
CHR1	23231583	CHR1:23231583	SSF x Near_LoA	-11,0873163	-0,006	0,300
CHR1	23249519	CHR1:23249519	SSF x Near_LoA	-7,4745321	0,114	0,315
CHR1	23251094	CHR1:23251094	SSF x Near_LoA	-9,39869652	-0,043	0,298
CHR1	23285397	CHR1:23285397	SSF x Near_LoA	-7,05819207	-0,131	0,304
CHR1	23285447	CHR1:23285447	SSF x Near_LoA	-10,2905278	-0,085	0,293
CHR1	23285454	CHR1:23285454	SSF x Near_LoA	-6,66532694	0,125	0,300
CHR1	23285463	CHR1:23285463	SSF x Near_LoA	-9,47744047	-0,074	0,303
CHR1	23285485	CHR1:23285485	SSF x Near_LoA	-8,67068142	0,119	0,303
CHR1	23285510	CHR1:23285510	SSF x Near_LoA	-9,37195619	-0,061	0,309
CHR1	23287378	CHR1:23287378	SSF x Near_LoA	-10,9154533	-0,008	0,309
CHR1	23287401	CHR1:23287401	SSF x Near_LoA	-9,46588535	-0,025	0,310
CHR1	23287429	CHR1:23287429	SSF x Near_LoA	-9,32145457	0,022	0,299
CHR1	23297899	CHR1:23297899	SSF x Near_LoA	-9,18150364	0,073	0,318
CHR1	23297918	CHR1:23297918	SSF x Near_LoA	-9,54012597	-0,081	0,311
CHR1	23297935	CHR1:23297935	SSF x Near_LoA	-10,2018453	0,018	0,321
CHR1	23302661	CHR1:23302661	SSF x Near_LoA	-8,70299694	-0,083	0,310
CHR1	23306601	CHR1:23306601	SSF x Near_LoA	-9,69159407	-0,039	0,320
CHR1	23306999	CHR1:23306999	SSF x Near_LoA	-10,88643	0,051	0,305
CHR1	2331098	CHR1:2331098	SSF x Near_LoA	-8,87087479	-0,032	0,332
CHR1	23311188	CHR1:23311188	SSF x Near_LoA	-8,86994351	0,024	0,299
CHR1	23311197	CHR1:23311197	SSF x Near_LoA	-9,70591717	0,048	0,297
CHR1	23311206	CHR1:23311206	SSF x Near_LoA	-9,76134778	0,001	0,293
CHR1	23311218	CHR1:23311218	SSF x Near_LoA	-5,92356254	0,016	0,319
CHR1	2331187	CHR1:2331187	SSF x Near_LoA	-8,14253091	-0,041	0,317
CHR1	2331206	CHR1:2331206	SSF x Near_LoA	-7,78217574	0,037	0,298
CHR1	2331208	CHR1:2331208	SSF x Near_LoA	-10,2107916	0,038	0,298
CHR1	2331224	CHR1:2331224	SSF x Near_LoA	-7,1461455	-0,121	0,321
CHR1	23312909	CHR1:23312909	SSF x Near_LoA	-10,2121505	0,059	0,304
CHR1	23312939	CHR1:23312939	SSF x Near_LoA	-8,38178263	0,071	0,308
CHR1	23313025	CHR1:23313025	SSF x Near_LoA	-7,33197163	-0,112	0,310
CHR1	23313148	CHR1:23313148	SSF x Near_LoA	-11,7650311	0,011	0,304
CHR1	23315555	CHR1:23315555	SSF x Near_LoA	-9,83137094	-0,016	0,304
CHR1	23315568	CHR1:23315568	SSF x Near_LoA	-7,67244934	0,035	0,319
CHR1	23316924	CHR1:23316924	SSF x Near_LoA	-9,98881137	-0,021	0,312
CHR1	23316989	CHR1:23316989	SSF x Near_LoA	-11,7251906	0,068	0,289

CHR1	23317106	CHR1:23317106	SSF x Near_LoA	-10,6734104	-0,067	0,306
CHR1	23317263	CHR1:23317263	SSF x Near_LoA	-8,20773684	0,057	0,313
CHR1	23327041	CHR1:23327041	SSF x Near_LoA	-11,4358945	-0,089	0,305
CHR1	23327081	CHR1:23327081	SSF x Near_LoA	-7,6481112	-0,086	0,310
CHR1	2333070	CHR1:2333070	SSF x Near_LoA	-11,2007771	0,042	0,301
CHR1	2333120	CHR1:2333120	SSF x Near_LoA	-8,53620929	0,077	0,314
CHR1	23335250	CHR1:23335250	SSF x Near_LoA	-4,19926377	0,102	0,306
CHR1	23335418	CHR1:23335418	SSF x Near_LoA	-10,8942099	-0,030	0,309
CHR1	23346496	CHR1:23346496	SSF x Near_LoA	-10,5081868	-0,072	0,314
CHR1	23346509	CHR1:23346509	SSF x Near_LoA	-8,93071998	-0,124	0,307
CHR1	23346537	CHR1:23346537	SSF x Near_LoA	-10,1810407	-0,036	0,313
CHR1	23346551	CHR1:23346551	SSF x Near_LoA	-10,9513179	-0,019	0,309
CHR1	23346620	CHR1:23346620	SSF x Near_LoA	-7,09922287	-0,003	0,294
CHR1	23351195	CHR1:23351195	SSF x Near_LoA	-11,3293231	0,070	0,293
CHR1	23353865	CHR1:23353865	SSF x Near_LoA	-9,44385503	-0,002	0,313
CHR1	23353894	CHR1:23353894	SSF x Near_LoA	-6,03890233	-0,084	0,300
CHR1	23353909	CHR1:23353909	SSF x Near_LoA	-8,87747612	0,008	0,307
CHR1	23353958	CHR1:23353958	SSF x Near_LoA	-8,57826095	0,112	0,299
CHR1	23353965	CHR1:23353965	SSF x Near_LoA	-10,2911519	-0,017	0,303
CHR1	23353991	CHR1:23353991	SSF x Near_LoA	-8,92245741	0,105	0,307
CHR1	23378749	CHR1:23378749	SSF x Near_LoA	-5,94111604	0,076	0,305
CHR1	23378776	CHR1:23378776	SSF x Near_LoA	-9,23844126	0,068	0,310
CHR1	23378783	CHR1:23378783	SSF x Near_LoA	-7,23458836	-0,153	0,299
CHR1	23378795	CHR1:23378795	SSF x Near_LoA	-3,56670511	-0,213	0,274
CHR1	23378840	CHR1:23378840	SSF x Near_LoA	-7,56932942	0,048	0,314
CHR1	23378843	CHR1:23378843	SSF x Near_LoA	-9,0064391	0,032	0,308
CHR1	23378851	CHR1:23378851	SSF x Near_LoA	-6,87269582	-0,146	0,304
CHR1	23378890	CHR1:23378890	SSF x Near_LoA	-6,23315458	-0,206	0,291
CHR1	23378936	CHR1:23378936	SSF x Near_LoA	-6,47896354	0,208	0,292
CHR1	23381425	CHR1:23381425	SSF x Near_LoA	-6,70018831	-0,094	0,297
CHR1	23381458	CHR1:23381458	SSF x Near_LoA	-7,59237214	-0,087	0,302
CHR1	23389371	CHR1:23389371	SSF x Near_LoA	-11,3625586	0,055	0,316
CHR1	23393476	CHR1:23393476	SSF x Near_LoA	-11,7519968	-0,089	0,304
CHR1	23393477	CHR1:23393477	SSF x Near_LoA	-11,5512333	-0,041	0,312
CHR1	23393493	CHR1:23393493	SSF x Near_LoA	-9,64480663	0,035	0,313
CHR1	23393501	CHR1:23393501	SSF x Near_LoA	-6,18337862	-0,074	0,307
CHR1	23393566	CHR1:23393566	SSF x Near_LoA	-10,5909746	-0,095	0,304
CHR1	23393587	CHR1:23393587	SSF x Near_LoA	-8,98145093	0,091	0,307
CHR1	23393633	CHR1:23393633	SSF x Near_LoA	-10,061404	-0,066	0,312
CHR1	23393636	CHR1:23393636	SSF x Near_LoA	-9,77922858	0,006	0,309
CHR1	23393654	CHR1:23393654	SSF x Near_LoA	-10,7173474	0,043	0,296
CHR1	23393698	CHR1:23393698	SSF x Near_LoA	-8,55678001	-0,070	0,302
CHR1	23395842	CHR1:23395842	SSF x Near_LoA	-10,5243709	0,064	0,306
CHR1	23395974	CHR1:23395974	SSF x Near_LoA	-9,93960268	-0,069	0,294
CHR1	23395989	CHR1:23395989	SSF x Near_LoA	-10,9768687	-0,043	0,304
CHR1	23396000	CHR1:23396000	SSF x Near_LoA	-9,4701677	0,031	0,307
CHR1	23396006	CHR1:23396006	SSF x Near_LoA	-8,75739061	0,013	0,316
CHR1	2341342	CHR1:2341342	SSF x Near_LoA	-9,85933303	-0,019	0,300
CHR1	2341489	CHR1:2341489	SSF x Near_LoA	-6,65889084	-0,093	0,299
CHR1	23424219	CHR1:23424219	SSF x Near_LoA	-6,62899933	-0,053	0,302
CHR1	23427682	CHR1:23427682	SSF x Near_LoA	-9,88189683	-0,107	0,303
CHR1	23427886	CHR1:23427886	SSF x Near_LoA	-9,74144857	-0,002	0,309
CHR1	23427915	CHR1:23427915	SSF x Near_LoA	-8,61847708	-0,016	0,319

CHR1	23432097	CHR1:23432097	SSF x Near_LoA	-11,0424997	-0,071	0,301
CHR1	23432108	CHR1:23432108	SSF x Near_LoA	-8,50440613	0,075	0,310
CHR1	23432195	CHR1:23432195	SSF x Near_LoA	-9,58129901	0,032	0,314
CHR1	23435351	CHR1:23435351	SSF x Near_LoA	-11,2259006	0,045	0,303
CHR1	23440829	CHR1:23440829	SSF x Near_LoA	-7,79953085	0,015	0,307
CHR1	23449417	CHR1:23449417	SSF x Near_LoA	-10,6690062	-0,014	0,298
CHR1	23449485	CHR1:23449485	SSF x Near_LoA	-5,54602356	-0,029	0,326
CHR1	23449517	CHR1:23449517	SSF x Near_LoA	-9,16357237	0,019	0,320
CHR1	23456135	CHR1:23456135	SSF x Near_LoA	-7,34749284	-0,115	0,313
CHR1	23456188	CHR1:23456188	SSF x Near_LoA	-11,8393594	0,030	0,300
CHR1	23456253	CHR1:23456253	SSF x Near_LoA	-8,53446023	-0,064	0,316
CHR1	23456404	CHR1:23456404	SSF x Near_LoA	-8,01848495	-0,074	0,312
CHR1	23474366	CHR1:23474366	SSF x Near_LoA	-6,38709095	0,111	0,311
CHR1	2347523	CHR1:2347523	SSF x Near_LoA	-3,72251804	-0,110	0,297
CHR1	2347671	CHR1:2347671	SSF x Near_LoA	-11,3767899	-0,053	0,315
CHR1	2347680	CHR1:2347680	SSF x Near_LoA	-10,3141838	0,015	0,324
CHR1	23485496	CHR1:23485496	SSF x Near_LoA	-4,23333832	0,209	0,296
CHR1	23514361	CHR1:23514361	SSF x Near_LoA	-8,01976176	-0,058	0,296
CHR1	23514422	CHR1:23514422	SSF x Near_LoA	-7,9799398	-0,067	0,308
CHR1	23514510	CHR1:23514510	SSF x Near_LoA	6,8377206	0,044	0,312
CHR1	23516266	CHR1:23516266	SSF x Near_LoA	-8,42543257	-0,091	0,293
CHR1	23516279	CHR1:23516279	SSF x Near_LoA	-9,42651058	0,073	0,308
CHR1	2352799	CHR1:2352799	SSF x Near_LoA	-8,18153351	-0,028	0,314
CHR1	2352849	CHR1:2352849	SSF x Near_LoA	-9,93494297	0,077	0,309
CHR1	2352851	CHR1:2352851	SSF x Near_LoA	-11,5150525	-0,007	0,310
CHR1	2352931	CHR1:2352931	SSF x Near_LoA	-8,81968488	0,050	0,304
CHR1	2352938	CHR1:2352938	SSF x Near_LoA	-9,41265658	0,100	0,313
CHR1	2353009	CHR1:2353009	SSF x Near_LoA	-6,98979787	0,065	0,304
CHR1	2353040	CHR1:2353040	SSF x Near_LoA	-8,42681247	-0,114	0,299
CHR1	23531436	CHR1:23531436	SSF x Near_LoA	-9,81732525	-0,051	0,303
CHR1	2354768	CHR1:2354768	SSF x Near_LoA	-10,2327358	-0,055	0,311
CHR1	2354809	CHR1:2354809	SSF x Near_LoA	-4,29841428	-0,014	0,294
CHR1	23557050	CHR1:23557050	SSF x Near_LoA	-10,1433565	-0,016	0,310
CHR1	23557107	CHR1:23557107	SSF x Near_LoA	-10,4502836	0,055	0,314
CHR1	23572669	CHR1:23572669	SSF x Near_LoA	-11,2940907	0,074	0,305
CHR1	23579649	CHR1:23579649	SSF x Near_LoA	-8,70346298	-0,001	0,298
CHR1	23582124	CHR1:23582124	SSF x Near_LoA	-9,61124489	0,011	0,323
CHR1	23592680	CHR1:23592680	SSF x Near_LoA	-11,0197909	0,031	0,305
CHR1	2362922	CHR1:2362922	SSF x Near_LoA	-9,11500196	-0,012	0,297
CHR1	2362989	CHR1:2362989	SSF x Near_LoA	-5,80110906	0,036	0,317
CHR1	23638761	CHR1:23638761	SSF x Near_LoA	-9,53295987	0,065	0,301
CHR1	23638811	CHR1:23638811	SSF x Near_LoA	-11,1903761	-0,050	0,305
CHR1	23654263	CHR1:23654263	SSF x Near_LoA	-7,04706595	-0,112	0,311
CHR1	23654293	CHR1:23654293	SSF x Near_LoA	-8,59463643	-0,038	0,300
CHR1	23654360	CHR1:23654360	SSF x Near_LoA	-8,53660227	-0,015	0,308
CHR1	23654374	CHR1:23654374	SSF x Near_LoA	-7,44177534	-0,046	0,307
CHR1	23676283	CHR1:23676283	SSF x Near_LoA	-10,4981713	-0,011	0,300
CHR1	23676417	CHR1:23676417	SSF x Near_LoA	-9,4614205	0,068	0,299
CHR1	23682064	CHR1:23682064	SSF x Near_LoA	-9,58185779	-0,084	0,302
CHR1	23682123	CHR1:23682123	SSF x Near_LoA	-7,99771701	-0,079	0,306
CHR1	23692481	CHR1:23692481	SSF x Near_LoA	-8,36778006	-0,002	0,315
CHR1	23692530	CHR1:23692530	SSF x Near_LoA	-9,13182131	0,011	0,307
CHR1	23710980	CHR1:23710980	SSF x Near_LoA	-9,83180043	-0,040	0,304

CHR1	23711034	CHR1:23711034	SSF x Near_LoA	-9,93821702	0,003	0,305
CHR1	23719335	CHR1:23719335	SSF x Near_LoA	-9,22935032	0,102	0,313
CHR1	23723384	CHR1:23723384	SSF x Near_LoA	-9,5888239	-0,007	0,318
CHR1	23733443	CHR1:23733443	SSF x Near_LoA	-9,26380879	0,084	0,294
CHR1	23733546	CHR1:23733546	SSF x Near_LoA	-10,1241422	0,090	0,317
CHR1	23744134	CHR1:23744134	SSF x Near_LoA	-8,03577026	0,082	0,315
CHR1	23744220	CHR1:23744220	SSF x Near_LoA	-11,7411208	0,049	0,311
CHR1	23746015	CHR1:23746015	SSF x Near_LoA	-7,55044525	-0,118	0,299
CHR1	23746063	CHR1:23746063	SSF x Near_LoA	-9,12955364	0,080	0,291
CHR1	23746210	CHR1:23746210	SSF x Near_LoA	-8,95965188	-0,149	0,298
CHR1	23750778	CHR1:23750778	SSF x Near_LoA	-9,98992038	-0,106	0,308
CHR1	23750887	CHR1:23750887	SSF x Near_LoA	-10,4966227	-0,040	0,317
CHR1	2375675	CHR1:2375675	SSF x Near_LoA	-10,2262393	0,009	0,310
CHR1	2375773	CHR1:2375773	SSF x Near_LoA	-9,56709101	-0,035	0,305
CHR1	23761157	CHR1:23761157	SSF x Near_LoA	-8,27823213	-0,037	0,317
CHR1	23761243	CHR1:23761243	SSF x Near_LoA	-8,75010657	0,094	0,310
CHR1	23777167	CHR1:23777167	SSF x Near_LoA	-10,0233547	-0,031	0,308
CHR1	2378088	CHR1:2378088	SSF x Near_LoA	-6,59563056	-0,036	0,299
CHR1	23809351	CHR1:23809351	SSF x Near_LoA	-10,3589066	-0,063	0,301
CHR1	23809389	CHR1:23809389	SSF x Near_LoA	-10,6547614	-0,042	0,288
CHR1	23809391	CHR1:23809391	SSF x Near_LoA	-9,94520848	-0,027	0,314
CHR1	23829002	CHR1:23829002	SSF x Near_LoA	-6,24212239	0,110	0,298
CHR1	23829181	CHR1:23829181	SSF x Near_LoA	-8,09200327	0,099	0,303
CHR1	23829187	CHR1:23829187	SSF x Near_LoA	-8,96976606	0,127	0,293
CHR1	23829189	CHR1:23829189	SSF x Near_LoA	-6,36031577	-0,109	0,312
CHR1	23838092	CHR1:23838092	SSF x Near_LoA	-8,84439511	-0,092	0,300
CHR1	23838171	CHR1:23838171	SSF x Near_LoA	-11,5097448	-0,067	0,307
CHR1	23838192	CHR1:23838192	SSF x Near_LoA	-7,03829428	-0,064	0,312
CHR1	23838238	CHR1:23838238	SSF x Near_LoA	-10,0949039	-0,048	0,306
CHR1	23838243	CHR1:23838243	SSF x Near_LoA	-7,08454505	-0,082	0,314
CHR1	23844064	CHR1:23844064	SSF x Near_LoA	-10,6990869	0,061	0,317
CHR1	23859876	CHR1:23859876	SSF x Near_LoA	-10,0390561	-0,031	0,302
CHR1	23860088	CHR1:23860088	SSF x Near_LoA	-9,49290303	0,100	0,301
CHR1	23860153	CHR1:23860153	SSF x Near_LoA	-10,5606726	-0,005	0,302
CHR1	23864067	CHR1:23864067	SSF x Near_LoA	-9,67299866	0,059	0,307
CHR1	23864215	CHR1:23864215	SSF x Near_LoA	-10,1710435	-0,068	0,320
CHR1	23864216	CHR1:23864216	SSF x Near_LoA	-10,8972068	-0,040	0,313
CHR1	23864229	CHR1:23864229	SSF x Near_LoA	-11,4491362	-0,059	0,315
CHR1	23864248	CHR1:23864248	SSF x Near_LoA	-7,71957241	0,052	0,311
CHR1	23866756	CHR1:23866756	SSF x Near_LoA	-9,15175363	0,074	0,313
CHR1	23884767	CHR1:23884767	SSF x Near_LoA	-8,14485468	-0,003	0,310
CHR1	23884818	CHR1:23884818	SSF x Near_LoA	-11,9201432	0,016	0,293
CHR1	23884826	CHR1:23884826	SSF x Near_LoA	-8,27254129	0,003	0,305
CHR1	2388734	CHR1:2388734	SSF x Near_LoA	-8,92446498	-0,073	0,322
CHR1	23890709	CHR1:23890709	SSF x Near_LoA	-9,14408123	-0,008	0,298
CHR1	23890715	CHR1:23890715	SSF x Near_LoA	-10,9622892	0,005	0,304
CHR1	23890747	CHR1:23890747	SSF x Near_LoA	-9,57484158	-0,027	0,310
CHR1	23896943	CHR1:23896943	SSF x Near_LoA	-4,15914225	0,058	0,316
CHR1	23898551	CHR1:23898551	SSF x Near_LoA	-9,99450763	0,002	0,315
CHR1	23898638	CHR1:23898638	SSF x Near_LoA	-8,6831738	0,134	0,300
CHR1	23898709	CHR1:23898709	SSF x Near_LoA	-10,0698737	-0,094	0,307
CHR1	23898728	CHR1:23898728	SSF x Near_LoA	-10,8985789	0,030	0,306
CHR1	23901776	CHR1:23901776	SSF x Near_LoA	-8,54850906	0,108	0,297

CHR1	23901782	CHR1:23901782	SSF x Near_LoA	-3,5063898	0,069	0,322
CHR1	23901896	CHR1:23901896	SSF x Near_LoA	-6,69077064	-0,088	0,315
CHR1	23904084	CHR1:23904084	SSF x Near_LoA	-10,1747133	0,061	0,301
CHR1	23904095	CHR1:23904095	SSF x Near_LoA	-7,96625068	-0,152	0,304
CHR1	23904592	CHR1:23904592	SSF x Near_LoA	-10,9127327	0,044	0,308
CHR1	23904618	CHR1:23904618	SSF x Near_LoA	-10,4717251	0,055	0,312
CHR1	23904688	CHR1:23904688	SSF x Near_LoA	-7,87235473	-0,091	0,299
CHR1	23911009	CHR1:23911009	SSF x Near_LoA	-5,91224015	-0,174	0,308
CHR1	23911163	CHR1:23911163	SSF x Near_LoA	-8,33649868	-0,067	0,322
CHR1	23911201	CHR1:23911201	SSF x Near_LoA	-8,59084712	-0,110	0,312
CHR1	23914267	CHR1:23914267	SSF x Near_LoA	-10,4291043	-0,009	0,313
CHR1	23914268	CHR1:23914268	SSF x Near_LoA	-10,556957	0,010	0,313
CHR1	23914324	CHR1:23914324	SSF x Near_LoA	-9,41630646	0,042	0,318
CHR1	23914349	CHR1:23914349	SSF x Near_LoA	-8,83873407	0,030	0,300
CHR1	23914393	CHR1:23914393	SSF x Near_LoA	-10,0451388	-0,052	0,308
CHR1	23914414	CHR1:23914414	SSF x Near_LoA	-10,1207022	-0,043	0,311
CHR1	23923699	CHR1:23923699	SSF x Near_LoA	-5,93805909	-0,080	0,320
CHR1	23942897	CHR1:23942897	SSF x Near_LoA	-8,43019633	0,167	0,294
CHR1	23942907	CHR1:23942907	SSF x Near_LoA	-6,59463524	-0,184	0,288
CHR1	23943085	CHR1:23943085	SSF x Near_LoA	-0,79879712	0,017	0,297
CHR1	23948936	CHR1:23948936	SSF x Near_LoA	-9,78414739	0,045	0,284
CHR1	23962076	CHR1:23962076	SSF x Near_LoA	-7,88526006	-0,090	0,315
CHR1	23962186	CHR1:23962186	SSF x Near_LoA	-1,93189826	-0,279	0,287
CHR1	23985945	CHR1:23985945	SSF x Near_LoA	-10,2124337	-0,099	0,310
CHR1	23985950	CHR1:23985950	SSF x Near_LoA	-7,68675566	0,133	0,307
CHR1	23986216	CHR1:23986216	SSF x Near_LoA	-10,438604	-0,022	0,313
CHR1	23986241	CHR1:23986241	SSF x Near_LoA	-10,7586497	-0,016	0,315
CHR1	23986316	CHR1:23986316	SSF x Near_LoA	-11,4790218	-0,032	0,315
CHR1	23986348	CHR1:23986348	SSF x Near_LoA	-8,7595246	0,127	0,291
CHR1	23989784	CHR1:23989784	SSF x Near_LoA	-7,52346563	-0,111	0,315
CHR1	24002030	CHR1:24002030	SSF x Near_LoA	-10,4327542	-0,068	0,302
CHR1	24002114	CHR1:24002114	SSF x Near_LoA	-5,78917461	0,010	0,310
CHR1	24002134	CHR1:24002134	SSF x Near_LoA	-9,55461526	0,032	0,298
CHR1	24002152	CHR1:24002152	SSF x Near_LoA	-8,71273677	-0,088	0,314
CHR1	24002220	CHR1:24002220	SSF x Near_LoA	-8,74239096	0,078	0,315
CHR1	24003750	CHR1:24003750	SSF x Near_LoA	-9,46719998	0,004	0,313
CHR1	24003827	CHR1:24003827	SSF x Near_LoA	-4,96836343	-0,148	0,309
CHR1	24008439	CHR1:24008439	SSF x Near_LoA	-8,16045895	-0,061	0,316
CHR1	24008521	CHR1:24008521	SSF x Near_LoA	-8,78780515	0,074	0,306
CHR1	24012432	CHR1:24012432	SSF x Near_LoA	-8,67524657	0,018	0,314
CHR1	24012441	CHR1:24012441	SSF x Near_LoA	-9,08145707	-0,005	0,306
CHR1	24012472	CHR1:24012472	SSF x Near_LoA	-8,47560762	-0,011	0,316
CHR1	24012544	CHR1:24012544	SSF x Near_LoA	-7,60006666	0,032	0,302
CHR1	24012549	CHR1:24012549	SSF x Near_LoA	-9,85974357	0,028	0,311
CHR1	24012625	CHR1:24012625	SSF x Near_LoA	-9,92005547	0,077	0,307
CHR1	24012638	CHR1:24012638	SSF x Near_LoA	-8,172408	0,076	0,300
CHR1	24012653	CHR1:24012653	SSF x Near_LoA	-11,3450027	0,005	0,305
CHR1	24014139	CHR1:24014139	SSF x Near_LoA	-12,028382	-0,024	0,314
CHR1	24014170	CHR1:24014170	SSF x Near_LoA	-10,492782	-0,081	0,302
CHR1	24020553	CHR1:24020553	SSF x Near_LoA	-9,61388633	-0,088	0,310
CHR1	24020566	CHR1:24020566	SSF x Near_LoA	-9,08980486	0,025	0,305
CHR1	24020625	CHR1:24020625	SSF x Near_LoA	-9,10098069	-0,058	0,300
CHR1	24053036	CHR1:24053036	SSF x Near_LoA	-9,81809707	0,129	0,311

CHR1	24053101	CHR1:24053101	SSF x Near_LoA	-10,2159065	-0,088	0,306
CHR1	24056193	CHR1:24056193	SSF x Near_LoA	-9,70699525	-0,044	0,315
CHR1	24059758	CHR1:24059758	SSF x Near_LoA	-10,6091413	0,042	0,317
CHR1	24059763	CHR1:24059763	SSF x Near_LoA	-9,43881874	0,076	0,305
CHR1	24059809	CHR1:24059809	SSF x Near_LoA	-8,72316111	0,081	0,318
CHR1	24059977	CHR1:24059977	SSF x Near_LoA	-9,5020912	0,016	0,306
CHR1	24076011	CHR1:24076011	SSF x Near_LoA	-9,33123904	0,045	0,315
CHR1	24076038	CHR1:24076038	SSF x Near_LoA	-9,67247087	-0,014	0,299
CHR1	24089933	CHR1:24089933	SSF x Near_LoA	-9,23909531	-0,053	0,309
CHR1	24126958	CHR1:24126958	SSF x Near_LoA	-8,6829268	0,025	0,306
CHR1	24135218	CHR1:24135218	SSF x Near_LoA	-10,6798149	-0,032	0,309
CHR1	24135229	CHR1:24135229	SSF x Near_LoA	-9,97666922	-0,033	0,309
CHR1	24135359	CHR1:24135359	SSF x Near_LoA	-9,64860485	0,184	0,288
CHR1	24135432	CHR1:24135432	SSF x Near_LoA	-11,5266976	0,100	0,300
CHR1	24144741	CHR1:24144741	SSF x Near_LoA	-6,85684322	0,015	0,318
CHR1	24144768	CHR1:24144768	SSF x Near_LoA	-8,98395705	-0,041	0,309
CHR1	24144845	CHR1:24144845	SSF x Near_LoA	-9,81516781	-0,028	0,295
CHR1	24144866	CHR1:24144866	SSF x Near_LoA	-8,62445292	-0,012	0,315
CHR1	24144943	CHR1:24144943	SSF x Near_LoA	-8,84319562	0,010	0,322
CHR1	24155340	CHR1:24155340	SSF x Near_LoA	-10,1844344	0,088	0,291
CHR1	24155362	CHR1:24155362	SSF x Near_LoA	-8,01654067	0,106	0,297
CHR1	24155413	CHR1:24155413	SSF x Near_LoA	-5,95684457	-0,235	0,283
CHR1	24155445	CHR1:24155445	SSF x Near_LoA	-9,07553667	0,146	0,297
CHR1	24155809	CHR1:24155809	SSF x Near_LoA	-8,00516815	-0,135	0,311
CHR1	24165848	CHR1:24165848	SSF x Near_LoA	-7,95809132	-0,194	0,299
CHR1	24165852	CHR1:24165852	SSF x Near_LoA	-7,36650795	0,027	0,312
CHR1	24173069	CHR1:24173069	SSF x Near_LoA	-10,5927589	-0,069	0,298
CHR1	24173088	CHR1:24173088	SSF x Near_LoA	-9,70729713	0,040	0,316
CHR1	24175378	CHR1:24175378	SSF x Near_LoA	-8,17506916	0,032	0,311
CHR1	24175431	CHR1:24175431	SSF x Near_LoA	-8,25670012	0,046	0,310
CHR1	24175453	CHR1:24175453	SSF x Near_LoA	-8,74323962	0,065	0,302
CHR1	24175522	CHR1:24175522	SSF x Near_LoA	-7,69326271	0,049	0,322
CHR1	24175554	CHR1:24175554	SSF x Near_LoA	-10,400027	-0,065	0,300
CHR1	24175658	CHR1:24175658	SSF x Near_LoA	-7,86273629	-0,006	0,316
CHR1	24175660	CHR1:24175660	SSF x Near_LoA	-8,40561887	-0,035	0,321
CHR1	24186326	CHR1:24186326	SSF x Near_LoA	-8,41180124	0,018	0,324
CHR1	24195310	CHR1:24195310	SSF x Near_LoA	-8,0199155	-0,019	0,312
CHR1	24195367	CHR1:24195367	SSF x Near_LoA	-5,77509305	-0,089	0,303
CHR1	24195368	CHR1:24195368	SSF x Near_LoA	-9,11824526	-0,067	0,320
CHR1	24195416	CHR1:24195416	SSF x Near_LoA	-8,12908398	-0,116	0,310
CHR1	24199146	CHR1:24199146	SSF x Near_LoA	-11,8334359	-0,023	0,316
CHR1	24199198	CHR1:24199198	SSF x Near_LoA	-8,33392133	-0,043	0,314
CHR1	24199266	CHR1:24199266	SSF x Near_LoA	-8,65403445	0,022	0,300
CHR1	2420381	CHR1:2420381	SSF x Near_LoA	-10,6894266	-0,094	0,304
CHR1	2420399	CHR1:2420399	SSF x Near_LoA	-8,63161146	-0,144	0,292
CHR1	2420432	CHR1:2420432	SSF x Near_LoA	-11,7368383	-0,065	0,312
CHR1	24204339	CHR1:24204339	SSF x Near_LoA	-12,4841367	-0,033	0,300
CHR1	24204343	CHR1:24204343	SSF x Near_LoA	-9,39339134	-0,041	0,312
CHR1	24204369	CHR1:24204369	SSF x Near_LoA	-10,3659424	-0,025	0,313
CHR1	24204403	CHR1:24204403	SSF x Near_LoA	-10,2913983	-0,045	0,306
CHR1	24204892	CHR1:24204892	SSF x Near_LoA	-9,45854658	0,171	0,309
CHR1	2420750	CHR1:2420750	SSF x Near_LoA	-5,50593679	-0,125	0,294
CHR1	24213225	CHR1:24213225	SSF x Near_LoA	-7,81865371	-0,009	0,306

CHR1	24213243	CHR1:24213243	SSF x Near_LoA	-9,61132658	-0,025	0,301
CHR1	24213320	CHR1:24213320	SSF x Near_LoA	-9,91028673	0,067	0,311
CHR1	24213326	CHR1:24213326	SSF x Near_LoA	-10,9734068	0,074	0,299
CHR1	24227480	CHR1:24227480	SSF x Near_LoA	-11,5442407	0,089	0,293
CHR1	24233146	CHR1:24233146	SSF x Near_LoA	-9,22611252	0,101	0,305
CHR1	24233165	CHR1:24233165	SSF x Near_LoA	-8,36282466	-0,057	0,313
CHR1	24233222	CHR1:24233222	SSF x Near_LoA	-9,72066153	-0,037	0,304
CHR1	24233228	CHR1:24233228	SSF x Near_LoA	-10,1858382	-0,075	0,303
CHR1	24233233	CHR1:24233233	SSF x Near_LoA	-5,57184699	0,121	0,315
CHR1	24233288	CHR1:24233288	SSF x Near_LoA	-6,85540332	0,084	0,309
CHR1	24233289	CHR1:24233289	SSF x Near_LoA	-10,8535274	0,023	0,299
CHR1	24233357	CHR1:24233357	SSF x Near_LoA	-9,50002624	0,014	0,309
CHR1	24239165	CHR1:24239165	SSF x Near_LoA	-10,2506083	-0,065	0,286
CHR1	24239187	CHR1:24239187	SSF x Near_LoA	-10,3437196	0,024	0,300
CHR1	24239209	CHR1:24239209	SSF x Near_LoA	-4,34155599	0,194	0,297
CHR1	24239212	CHR1:24239212	SSF x Near_LoA	-10,1837271	0,006	0,309
CHR1	24239243	CHR1:24239243	SSF x Near_LoA	-8,38929287	-0,094	0,304
CHR1	24239280	CHR1:24239280	SSF x Near_LoA	-11,154552	-0,038	0,307
CHR1	24239293	CHR1:24239293	SSF x Near_LoA	-11,7554563	-0,056	0,293
CHR1	24241151	CHR1:24241151	SSF x Near_LoA	-10,1737086	-0,017	0,294
CHR1	24241199	CHR1:24241199	SSF x Near_LoA	-10,6646836	0,000	0,304
CHR1	24241201	CHR1:24241201	SSF x Near_LoA	-12,0852713	-0,015	0,302
CHR1	24241207	CHR1:24241207	SSF x Near_LoA	-5,80783472	-0,037	0,299
CHR1	24241281	CHR1:24241281	SSF x Near_LoA	-8,82145759	0,000	0,298
CHR1	24241284	CHR1:24241284	SSF x Near_LoA	-10,2021148	0,006	0,299
CHR1	24248718	CHR1:24248718	SSF x Near_LoA	-10,7428968	-0,077	0,299
CHR1	24248727	CHR1:24248727	SSF x Near_LoA	-10,8826185	-0,021	0,308
CHR1	24256249	CHR1:24256249	SSF x Near_LoA	-10,1617346	0,091	0,306
CHR1	24256300	CHR1:24256300	SSF x Near_LoA	-9,84949952	-0,149	0,293
CHR1	24256406	CHR1:24256406	SSF x Near_LoA	-9,54215723	-0,161	0,277
CHR1	2425883	CHR1:2425883	SSF x Near_LoA	-8,09425795	0,050	0,306
CHR1	24259077	CHR1:24259077	SSF x Near_LoA	-4,5523572	-0,199	0,301
CHR1	24259126	CHR1:24259126	SSF x Near_LoA	-9,95380713	-0,056	0,311
CHR1	24259181	CHR1:24259181	SSF x Near_LoA	-9,11206622	-0,155	0,302
CHR1	24259214	CHR1:24259214	SSF x Near_LoA	-7,1421757	0,131	0,306
CHR1	24259232	CHR1:24259232	SSF x Near_LoA	-8,56052418	-0,088	0,309
CHR1	24274868	CHR1:24274868	SSF x Near_LoA	-10,502906	-0,004	0,311
CHR1	24274878	CHR1:24274878	SSF x Near_LoA	-8,78058588	-0,065	0,300
CHR1	24274901	CHR1:24274901	SSF x Near_LoA	-8,23041757	-0,072	0,317
CHR1	24274941	CHR1:24274941	SSF x Near_LoA	-5,7763456	0,145	0,299
CHR1	24274950	CHR1:24274950	SSF x Near_LoA	-8,83796243	0,139	0,299
CHR1	24275006	CHR1:24275006	SSF x Near_LoA	-9,67429283	-0,056	0,304
CHR1	24275042	CHR1:24275042	SSF x Near_LoA	-10,7904521	-0,117	0,312
CHR1	24275043	CHR1:24275043	SSF x Near_LoA	-9,74989033	-0,109	0,311
CHR1	24275063	CHR1:24275063	SSF x Near_LoA	-10,4187754	0,035	0,311
CHR1	24283701	CHR1:24283701	SSF x Near_LoA	-7,70385536	0,062	0,308
CHR1	24283798	CHR1:24283798	SSF x Near_LoA	-7,93688141	0,074	0,304
CHR1	24283812	CHR1:24283812	SSF x Near_LoA	-10,686018	-0,108	0,298
CHR1	24283825	CHR1:24283825	SSF x Near_LoA	-10,840811	-0,125	0,298
CHR1	24283852	CHR1:24283852	SSF x Near_LoA	-4,43731184	0,068	0,301
CHR1	24293557	CHR1:24293557	SSF x Near_LoA	-8,48295054	-0,089	0,299
CHR1	24293610	CHR1:24293610	SSF x Near_LoA	-11,1541825	-0,019	0,307
CHR1	24293615	CHR1:24293615	SSF x Near_LoA	-5,8663779	-0,027	0,298

CHR1	24293679	CHR1:24293679	SSF x Near_LoA	-8,69854175	0,108	0,297
CHR1	24293687	CHR1:24293687	SSF x Near_LoA	-9,65584283	-0,033	0,295
CHR1	24293699	CHR1:24293699	SSF x Near_LoA	-9,24235724	0,125	0,306
CHR1	24307228	CHR1:24307228	SSF x Near_LoA	-9,78536306	-0,011	0,293
CHR1	24307407	CHR1:24307407	SSF x Near_LoA	-9,53574739	0,065	0,319
CHR1	24307444	CHR1:24307444	SSF x Near_LoA	-7,38603998	-0,068	0,295
CHR1	24307461	CHR1:24307461	SSF x Near_LoA	-6,3008505	-0,010	0,300
CHR1	24313647	CHR1:24313647	SSF x Near_LoA	-10,9138658	-0,018	0,309
CHR1	24316636	CHR1:24316636	SSF x Near_LoA	-8,10131453	-0,035	0,310
CHR1	24316638	CHR1:24316638	SSF x Near_LoA	-8,7251584	-0,053	0,311
CHR1	24317393	CHR1:24317393	SSF x Near_LoA	-10,3654618	0,008	0,304
CHR1	24317442	CHR1:24317442	SSF x Near_LoA	-8,20835811	-0,088	0,322
CHR1	24317481	CHR1:24317481	SSF x Near_LoA	-8,05256215	-0,082	0,311
CHR1	24318231	CHR1:24318231	SSF x Near_LoA	-12,063885	0,052	0,302
CHR1	24320680	CHR1:24320680	SSF x Near_LoA	-11,0696989	0,037	0,312
CHR1	24324701	CHR1:24324701	SSF x Near_LoA	-9,79259286	-0,090	0,311
CHR1	24324786	CHR1:24324786	SSF x Near_LoA	-7,78211048	-0,120	0,301
CHR1	24324807	CHR1:24324807	SSF x Near_LoA	-10,9883744	-0,041	0,303
CHR1	2432566	CHR1:2432566	SSF x Near_LoA	-9,52564486	0,017	0,311
CHR1	2433628	CHR1:2433628	SSF x Near_LoA	-11,7491892	0,110	0,288
CHR1	24354757	CHR1:24354757	SSF x Near_LoA	-8,8602744	0,014	0,313
CHR1	24354759	CHR1:24354759	SSF x Near_LoA	-9,81308842	-0,028	0,304
CHR1	24361952	CHR1:24361952	SSF x Near_LoA	-2,44251959	0,004	0,315
CHR1	24365998	CHR1:24365998	SSF x Near_LoA	-9,12660967	-0,031	0,318
CHR1	24367692	CHR1:24367692	SSF x Near_LoA	-7,90915926	0,041	0,306
CHR1	24368353	CHR1:24368353	SSF x Near_LoA	-8,73466762	0,048	0,317
CHR1	24372840	CHR1:24372840	SSF x Near_LoA	-11,0076219	-0,042	0,302
CHR1	24372897	CHR1:24372897	SSF x Near_LoA	-9,64231168	0,141	0,309
CHR1	24380517	CHR1:24380517	SSF x Near_LoA	-10,1055294	0,025	0,300
CHR1	24380532	CHR1:24380532	SSF x Near_LoA	-8,50794296	0,016	0,323
CHR1	24380647	CHR1:24380647	SSF x Near_LoA	-3,74766546	0,040	0,305
CHR1	24380685	CHR1:24380685	SSF x Near_LoA	-9,21628013	-0,096	0,302
CHR1	24380707	CHR1:24380707	SSF x Near_LoA	-8,23872544	-0,079	0,302
CHR1	24383118	CHR1:24383118	SSF x Near_LoA	-10,3557605	-0,005	0,307
CHR1	24383128	CHR1:24383128	SSF x Near_LoA	-8,95175771	0,046	0,310
CHR1	24400503	CHR1:24400503	SSF x Near_LoA	-11,2162375	0,069	0,310
CHR1	24400610	CHR1:24400610	SSF x Near_LoA	-8,58258802	0,061	0,306
CHR1	24400623	CHR1:24400623	SSF x Near_LoA	-7,64791006	0,093	0,309
CHR1	24411414	CHR1:24411414	SSF x Near_LoA	-10,4687466	0,019	0,323
CHR1	24411474	CHR1:24411474	SSF x Near_LoA	-5,85189364	-0,083	0,313
CHR1	24421857	CHR1:24421857	SSF x Near_LoA	-10,269552	-0,139	0,301
CHR1	24421930	CHR1:24421930	SSF x Near_LoA	-6,73288256	-0,137	0,310
CHR1	2443755	CHR1:2443755	SSF x Near_LoA	-6,88851834	0,156	0,295
CHR1	2443828	CHR1:2443828	SSF x Near_LoA	-8,84569624	0,160	0,295
CHR1	2443858	CHR1:2443858	SSF x Near_LoA	-9,28121416	0,170	0,289
CHR1	24450706	CHR1:24450706	SSF x Near_LoA	-8,52157198	0,072	0,310
CHR1	24450791	CHR1:24450791	SSF x Near_LoA	-8,18407345	0,065	0,303
CHR1	24453477	CHR1:24453477	SSF x Near_LoA	-9,23584933	0,030	0,311
CHR1	24453486	CHR1:24453486	SSF x Near_LoA	-8,33732697	0,068	0,304
CHR1	24453830	CHR1:24453830	SSF x Near_LoA	-7,22064294	0,110	0,286
CHR1	24453842	CHR1:24453842	SSF x Near_LoA	-8,29611198	0,096	0,292
CHR1	24453879	CHR1:24453879	SSF x Near_LoA	-4,81729291	-0,136	0,304
CHR1	24457857	CHR1:24457857	SSF x Near_LoA	-7,60045796	-0,037	0,301

CHR1	24457960	CHR1:24457960	SSF x Near_LoA	-8,92611023	-0,023	0,309
CHR1	2446050	CHR1:2446050	SSF x Near_LoA	-8,5108585	0,060	0,312
CHR1	24462443	CHR1:24462443	SSF x Near_LoA	-8,5436874	-0,059	0,293
CHR1	24469739	CHR1:24469739	SSF x Near_LoA	-6,2676239	0,146	0,300
CHR1	24469771	CHR1:24469771	SSF x Near_LoA	-6,01136323	0,140	0,299
CHR1	24484586	CHR1:24484586	SSF x Near_LoA	-10,8973603	0,044	0,307
CHR1	24492294	CHR1:24492294	SSF x Near_LoA	-8,58551544	-0,048	0,308
CHR1	24492530	CHR1:24492530	SSF x Near_LoA	-11,169155	-0,044	0,305
CHR1	24494062	CHR1:24494062	SSF x Near_LoA	-6,37575532	0,204	0,293
CHR1	2449765	CHR1:2449765	SSF x Near_LoA	-10,0925896	0,046	0,304
CHR1	24499135	CHR1:24499135	SSF x Near_LoA	-9,10263172	-0,007	0,294
CHR1	24499139	CHR1:24499139	SSF x Near_LoA	-9,22876361	-0,072	0,302
CHR1	24506029	CHR1:24506029	SSF x Near_LoA	-6,29667548	-0,070	0,309
CHR1	24506104	CHR1:24506104	SSF x Near_LoA	-1,31035561	-0,119	0,292
CHR1	24510274	CHR1:24510274	SSF x Near_LoA	-8,653349	-0,094	0,297
CHR1	24510329	CHR1:24510329	SSF x Near_LoA	-11,5606872	0,078	0,294
CHR1	24510330	CHR1:24510330	SSF x Near_LoA	-11,4431604	0,073	0,308
CHR1	24516130	CHR1:24516130	SSF x Near_LoA	-6,56667154	-0,094	0,329
CHR1	24516137	CHR1:24516137	SSF x Near_LoA	-7,75241501	0,092	0,303
CHR1	24525426	CHR1:24525426	SSF x Near_LoA	-8,93035941	0,074	0,294
CHR1	24525560	CHR1:24525560	SSF x Near_LoA	-10,7927327	0,064	0,297
CHR1	24525571	CHR1:24525571	SSF x Near_LoA	-8,34118272	0,034	0,325
CHR1	24525666	CHR1:24525666	SSF x Near_LoA	-10,9159968	0,114	0,297
CHR1	24546822	CHR1:24546822	SSF x Near_LoA	-6,6160828	-0,097	0,308
CHR1	24546837	CHR1:24546837	SSF x Near_LoA	-5,17987199	-0,022	0,305
CHR1	24546863	CHR1:24546863	SSF x Near_LoA	-8,63610795	-0,014	0,319
CHR1	24546871	CHR1:24546871	SSF x Near_LoA	-9,50260173	-0,003	0,315
CHR1	24546977	CHR1:24546977	SSF x Near_LoA	-6,64087402	0,084	0,315
CHR1	24547072	CHR1:24547072	SSF x Near_LoA	-9,70380569	0,016	0,296
CHR1	24547073	CHR1:24547073	SSF x Near_LoA	-10,2871765	-0,036	0,307
CHR1	24547081	CHR1:24547081	SSF x Near_LoA	-7,93335426	-0,136	0,289
CHR1	24547084	CHR1:24547084	SSF x Near_LoA	-7,76877793	0,079	0,306
CHR1	24549773	CHR1:24549773	SSF x Near_LoA	-10,0442412	-0,029	0,306
CHR1	24563691	CHR1:24563691	SSF x Near_LoA	-7,24568699	-0,117	0,305
CHR1	24563694	CHR1:24563694	SSF x Near_LoA	-8,33368615	-0,097	0,302
CHR1	24563698	CHR1:24563698	SSF x Near_LoA	-1,15780201	0,013	0,315
CHR1	24579891	CHR1:24579891	SSF x Near_LoA	-10,6059291	-0,020	0,307
CHR1	24580117	CHR1:24580117	SSF x Near_LoA	-0,60785875	-0,029	0,296
CHR1	24580120	CHR1:24580120	SSF x Near_LoA	-9,19948585	-0,105	0,309
CHR1	24580122	CHR1:24580122	SSF x Near_LoA	-6,85741438	-0,057	0,300
CHR1	24580125	CHR1:24580125	SSF x Near_LoA	-10,2869463	-0,038	0,310
CHR1	24581834	CHR1:24581834	SSF x Near_LoA	-11,9145607	-0,116	0,304
CHR1	24590046	CHR1:24590046	SSF x Near_LoA	-10,4156372	-0,063	0,303
CHR1	24593232	CHR1:24593232	SSF x Near_LoA	-10,7347751	0,050	0,304
CHR1	24593236	CHR1:24593236	SSF x Near_LoA	-10,1283002	-0,039	0,309
CHR1	24593291	CHR1:24593291	SSF x Near_LoA	-6,9980657	-0,016	0,325
CHR1	24593439	CHR1:24593439	SSF x Near_LoA	-9,26558875	0,013	0,327
CHR1	24593559	CHR1:24593559	SSF x Near_LoA	-8,41513947	0,063	0,316
CHR1	24610827	CHR1:24610827	SSF x Near_LoA	-10,5119796	-0,039	0,308
CHR1	24610852	CHR1:24610852	SSF x Near_LoA	-7,96049419	-0,168	0,312
CHR1	24611984	CHR1:24611984	SSF x Near_LoA	-9,30459316	0,092	0,305
CHR1	24612003	CHR1:24612003	SSF x Near_LoA	-10,8171798	-0,028	0,294
CHR1	2461997	CHR1:2461997	SSF x Near_LoA	-9,71719149	-0,053	0,307

CHR1	2462038	CHR1:2462038	SSF x Near_LoA	-6,6361532	-0,119	0,291
CHR1	2462091	CHR1:2462091	SSF x Near_LoA	-4,50755296	-0,017	0,307
CHR1	24634720	CHR1:24634720	SSF x Near_LoA	-10,8535296	0,076	0,305
CHR1	24637196	CHR1:24637196	SSF x Near_LoA	-10,1065277	0,040	0,301
CHR1	24637230	CHR1:24637230	SSF x Near_LoA	-8,73976757	0,071	0,302
CHR1	24637284	CHR1:24637284	SSF x Near_LoA	-10,9843735	0,006	0,314
CHR1	24637300	CHR1:24637300	SSF x Near_LoA	-9,46127187	0,068	0,306
CHR1	24637301	CHR1:24637301	SSF x Near_LoA	-9,05149623	0,046	0,306
CHR1	2464678	CHR1:2464678	SSF x Near_LoA	-11,0845896	0,038	0,314
CHR1	24654254	CHR1:24654254	SSF x Near_LoA	-9,024015	-0,026	0,309
CHR1	24656643	CHR1:24656643	SSF x Near_LoA	-10,5675992	-0,100	0,297
CHR1	24670500	CHR1:24670500	SSF x Near_LoA	-10,9708498	0,128	0,305
CHR1	24670504	CHR1:24670504	SSF x Near_LoA	-9,86697261	-0,027	0,316
CHR1	24670565	CHR1:24670565	SSF x Near_LoA	-10,3070731	-0,031	0,314
CHR1	24670570	CHR1:24670570	SSF x Near_LoA	-10,31605	0,002	0,308
CHR1	24670655	CHR1:24670655	SSF x Near_LoA	-7,4646842	-0,006	0,320
CHR1	24670718	CHR1:24670718	SSF x Near_LoA	-8,96711148	-0,003	0,311
CHR1	24672899	CHR1:24672899	SSF x Near_LoA	-10,196745	-0,008	0,305
CHR1	24672956	CHR1:24672956	SSF x Near_LoA	-7,7317653	0,120	0,305
CHR1	24688513	CHR1:24688513	SSF x Near_LoA	-9,62181007	-0,013	0,294
CHR1	24688537	CHR1:24688537	SSF x Near_LoA	-10,5707072	0,108	0,299
CHR1	24691932	CHR1:24691932	SSF x Near_LoA	-10,9165033	-0,074	0,312
CHR1	24691983	CHR1:24691983	SSF x Near_LoA	-10,4525218	-0,045	0,318
CHR1	24694919	CHR1:24694919	SSF x Near_LoA	-9,26774294	0,080	0,300
CHR1	24695007	CHR1:24695007	SSF x Near_LoA	-9,14493489	0,064	0,303
CHR1	24696769	CHR1:24696769	SSF x Near_LoA	-10,1112968	-0,030	0,323
CHR1	24696891	CHR1:24696891	SSF x Near_LoA	-10,39521	0,044	0,307
CHR1	24702244	CHR1:24702244	SSF x Near_LoA	-10,0967782	0,148	0,300
CHR1	2471826	CHR1:2471826	SSF x Near_LoA	-10,280814	0,136	0,295
CHR1	2471879	CHR1:2471879	SSF x Near_LoA	0,52821294	0,040	0,310
CHR1	2472098	CHR1:2472098	SSF x Near_LoA	-8,57461322	-0,024	0,300
CHR1	2472109	CHR1:2472109	SSF x Near_LoA	-10,0165412	0,005	0,303
CHR1	24739583	CHR1:24739583	SSF x Near_LoA	-9,19686972	0,060	0,305
CHR1	24743896	CHR1:24743896	SSF x Near_LoA	-8,26142199	0,012	0,312
CHR1	24743942	CHR1:24743942	SSF x Near_LoA	-8,74704457	-0,062	0,305
CHR1	24743948	CHR1:24743948	SSF x Near_LoA	-9,06758087	0,008	0,305
CHR1	24744031	CHR1:24744031	SSF x Near_LoA	-9,82239431	0,017	0,301
CHR1	24746198	CHR1:24746198	SSF x Near_LoA	-10,4519922	-0,061	0,306
CHR1	24746261	CHR1:24746261	SSF x Near_LoA	-8,87428233	0,110	0,302
CHR1	24763234	CHR1:24763234	SSF x Near_LoA	-9,22957005	-0,041	0,321
CHR1	24763243	CHR1:24763243	SSF x Near_LoA	-9,43243556	-0,082	0,309
CHR1	24763247	CHR1:24763247	SSF x Near_LoA	-9,10631667	0,036	0,309
CHR1	24763264	CHR1:24763264	SSF x Near_LoA	-9,93057881	0,010	0,315
CHR1	24763267	CHR1:24763267	SSF x Near_LoA	-8,90707468	0,051	0,304
CHR1	24763327	CHR1:24763327	SSF x Near_LoA	-10,2529349	0,022	0,304
CHR1	24763357	CHR1:24763357	SSF x Near_LoA	-8,28528401	0,025	0,298
CHR1	24763366	CHR1:24763366	SSF x Near_LoA	-10,5969922	-0,039	0,312
CHR1	24763374	CHR1:24763374	SSF x Near_LoA	-9,33579818	0,002	0,294
CHR1	24763381	CHR1:24763381	SSF x Near_LoA	-9,56280841	-0,039	0,320
CHR1	24769692	CHR1:24769692	SSF x Near_LoA	-6,10011193	-0,082	0,311
CHR1	24784959	CHR1:24784959	SSF x Near_LoA	-4,71006826	-0,217	0,286
CHR1	24787058	CHR1:24787058	SSF x Near_LoA	-9,96643646	-0,073	0,317
CHR1	24787068	CHR1:24787068	SSF x Near_LoA	-9,07618934	0,055	0,312

CHR1	24787122	CHR1:24787122	SSF x Near_LoA	-10,0117443	0,071	0,306
CHR1	24787160	CHR1:24787160	SSF x Near_LoA	-4,68549283	-0,131	0,312
CHR1	24787233	CHR1:24787233	SSF x Near_LoA	-7,48916645	-0,146	0,315
CHR1	24787235	CHR1:24787235	SSF x Near_LoA	-8,70917447	0,104	0,312
CHR1	24798492	CHR1:24798492	SSF x Near_LoA	-9,28612125	-0,045	0,313
CHR1	24798571	CHR1:24798571	SSF x Near_LoA	-10,9380444	-0,011	0,305
CHR1	24798587	CHR1:24798587	SSF x Near_LoA	-11,3402887	-0,029	0,303
CHR1	24805612	CHR1:24805612	SSF x Near_LoA	-10,3696324	-0,027	0,308
CHR1	24805665	CHR1:24805665	SSF x Near_LoA	-11,4688453	0,105	0,311
CHR1	24819335	CHR1:24819335	SSF x Near_LoA	-9,26929985	0,022	0,303
CHR1	2482916	CHR1:2482916	SSF x Near_LoA	-8,24795163	-0,019	0,321
CHR1	2482988	CHR1:2482988	SSF x Near_LoA	-9,79221371	0,013	0,305
CHR1	24830840	CHR1:24830840	SSF x Near_LoA	-9,79352873	-0,037	0,312
CHR1	24830932	CHR1:24830932	SSF x Near_LoA	-9,19963724	-0,109	0,308
CHR1	24835818	CHR1:24835818	SSF x Near_LoA	-9,90973507	-0,065	0,295
CHR1	24835839	CHR1:24835839	SSF x Near_LoA	-8,55393786	-0,030	0,305
CHR1	24835841	CHR1:24835841	SSF x Near_LoA	-8,71779809	-0,018	0,300
CHR1	24835842	CHR1:24835842	SSF x Near_LoA	-10,3066771	0,017	0,302
CHR1	24835898	CHR1:24835898	SSF x Near_LoA	-9,07994937	0,074	0,303
CHR1	24836022	CHR1:24836022	SSF x Near_LoA	-9,54851089	-0,013	0,298
CHR1	24840189	CHR1:24840189	SSF x Near_LoA	-10,2863081	0,028	0,316
CHR1	24840305	CHR1:24840305	SSF x Near_LoA	-11,3859458	-0,039	0,303
CHR1	24840374	CHR1:24840374	SSF x Near_LoA	-10,4812537	-0,045	0,305
CHR1	24846420	CHR1:24846420	SSF x Near_LoA	-11,2061547	0,025	0,293
CHR1	24846508	CHR1:24846508	SSF x Near_LoA	-10,5068225	0,025	0,304
CHR1	24846515	CHR1:24846515	SSF x Near_LoA	-10,6122017	-0,015	0,310
CHR1	24859427	CHR1:24859427	SSF x Near_LoA	-10,3019063	0,072	0,310
CHR1	24859433	CHR1:24859433	SSF x Near_LoA	-10,3816266	0,015	0,294
CHR1	24859532	CHR1:24859532	SSF x Near_LoA	-11,8870823	-0,110	0,304
CHR1	24859645	CHR1:24859645	SSF x Near_LoA	-8,59931335	0,110	0,294
CHR1	24859647	CHR1:24859647	SSF x Near_LoA	-8,97289831	0,016	0,310
CHR1	24859685	CHR1:24859685	SSF x Near_LoA	-8,80045511	0,075	0,304
CHR1	24865313	CHR1:24865313	SSF x Near_LoA	-9,0348632	0,041	0,306
CHR1	24866481	CHR1:24866481	SSF x Near_LoA	-9,33820609	0,083	0,317
CHR1	24866606	CHR1:24866606	SSF x Near_LoA	-11,7634434	0,062	0,302
CHR1	2487630	CHR1:2487630	SSF x Near_LoA	-9,89942534	-0,036	0,313
CHR1	2487743	CHR1:2487743	SSF x Near_LoA	-11,5236173	0,069	0,300
CHR1	24892688	CHR1:24892688	SSF x Near_LoA	-8,18027134	0,070	0,303
CHR1	24892693	CHR1:24892693	SSF x Near_LoA	-7,96621467	0,064	0,303
CHR1	24892707	CHR1:24892707	SSF x Near_LoA	-8,93535903	0,070	0,291
CHR1	24895393	CHR1:24895393	SSF x Near_LoA	-8,98588163	-0,036	0,304
CHR1	24912098	CHR1:24912098	SSF x Near_LoA	-7,51885412	0,047	0,313
CHR1	24912213	CHR1:24912213	SSF x Near_LoA	-11,1608187	0,080	0,309
CHR1	24912248	CHR1:24912248	SSF x Near_LoA	-8,84922203	0,068	0,310
CHR1	24912253	CHR1:24912253	SSF x Near_LoA	-11,6029201	-0,024	0,303
CHR1	2491465	CHR1:2491465	SSF x Near_LoA	-8,83622391	-0,089	0,315
CHR1	2491485	CHR1:2491485	SSF x Near_LoA	-10,9026134	-0,037	0,317
CHR1	2491546	CHR1:2491546	SSF x Near_LoA	-8,73209168	-0,049	0,301
CHR1	24931923	CHR1:24931923	SSF x Near_LoA	-6,58831157	-0,194	0,305
CHR1	24934342	CHR1:24934342	SSF x Near_LoA	-10,1957675	-0,035	0,311
CHR1	24934365	CHR1:24934365	SSF x Near_LoA	-9,66647412	0,016	0,303
CHR1	24934579	CHR1:24934579	SSF x Near_LoA	-9,20764857	-0,112	0,329
CHR1	24947330	CHR1:24947330	SSF x Near_LoA	-8,08719756	0,113	0,300

CHR1	24947425	CHR1:24947425	SSF x Near_LoA	-10,9041756	0,094	0,299
CHR1	24947525	CHR1:24947525	SSF x Near_LoA	-8,00241915	-0,116	0,310
CHR1	24947540	CHR1:24947540	SSF x Near_LoA	1,09286268	0,096	0,309
CHR1	24947595	CHR1:24947595	SSF x Near_LoA	-9,21053538	0,141	0,308
CHR1	24953832	CHR1:24953832	SSF x Near_LoA	-5,50388685	0,190	0,295
CHR1	24953850	CHR1:24953850	SSF x Near_LoA	-11,3769448	0,024	0,310
CHR1	24953867	CHR1:24953867	SSF x Near_LoA	-10,9667204	0,036	0,302
CHR1	24953887	CHR1:24953887	SSF x Near_LoA	-7,40653418	0,230	0,298
CHR1	24953890	CHR1:24953890	SSF x Near_LoA	-11,3759534	0,024	0,303
CHR1	24953903	CHR1:24953903	SSF x Near_LoA	-7,77388364	-0,048	0,310
CHR1	24953917	CHR1:24953917	SSF x Near_LoA	-8,59247611	-0,075	0,313
CHR1	24958543	CHR1:24958543	SSF x Near_LoA	-9,1084401	0,001	0,306
CHR1	24958640	CHR1:24958640	SSF x Near_LoA	-9,41796993	-0,014	0,314
CHR1	24964216	CHR1:24964216	SSF x Near_LoA	-10,391387	0,079	0,306
CHR1	24964324	CHR1:24964324	SSF x Near_LoA	-10,6896104	-0,052	0,315
CHR1	24964344	CHR1:24964344	SSF x Near_LoA	-9,62765487	-0,024	0,292
CHR1	24964350	CHR1:24964350	SSF x Near_LoA	-7,64514363	0,030	0,304
CHR1	24964404	CHR1:24964404	SSF x Near_LoA	-4,63178374	0,130	0,297
CHR1	24964410	CHR1:24964410	SSF x Near_LoA	-6,48363758	0,146	0,304
CHR1	24964422	CHR1:24964422	SSF x Near_LoA	-3,04638295	0,134	0,304
CHR1	24970889	CHR1:24970889	SSF x Near_LoA	-8,90709286	0,046	0,298
CHR1	24973330	CHR1:24973330	SSF x Near_LoA	-9,18852135	0,035	0,323
CHR1	24973333	CHR1:24973333	SSF x Near_LoA	-9,1495761	-0,073	0,320
CHR1	24973363	CHR1:24973363	SSF x Near_LoA	-9,61443541	-0,059	0,305
CHR1	24974549	CHR1:24974549	SSF x Near_LoA	-10,3816784	-0,042	0,317
CHR1	24975727	CHR1:24975727	SSF x Near_LoA	-8,3623001	-0,093	0,303
CHR1	24983019	CHR1:24983019	SSF x Near_LoA	-6,22844815	0,143	0,307
CHR1	24983020	CHR1:24983020	SSF x Near_LoA	-8,15028127	0,133	0,306
CHR1	24987760	CHR1:24987760	SSF x Near_LoA	-9,89854899	0,104	0,312
CHR1	24987776	CHR1:24987776	SSF x Near_LoA	-9,55150677	-0,107	0,302
CHR1	24987795	CHR1:24987795	SSF x Near_LoA	-10,0806465	0,105	0,304
CHR1	2498822	CHR1:2498822	SSF x Near_LoA	-9,4773394	-0,073	0,299
CHR1	2498911	CHR1:2498911	SSF x Near_LoA	-8,74944151	0,048	0,302
CHR1	2499052	CHR1:2499052	SSF x Near_LoA	-10,8611489	0,066	0,301
CHR1	24993420	CHR1:24993420	SSF x Near_LoA	-9,85944945	0,037	0,307
CHR1	24993464	CHR1:24993464	SSF x Near_LoA	-8,66556849	-0,011	0,306
CHR1	24993523	CHR1:24993523	SSF x Near_LoA	-8,78597583	0,039	0,309
CHR1	24993592	CHR1:24993592	SSF x Near_LoA	-10,7102203	0,135	0,308
CHR1	24993615	CHR1:24993615	SSF x Near_LoA	-8,97869889	0,062	0,298
CHR1	24993652	CHR1:24993652	SSF x Near_LoA	-12,049074	0,025	0,310
CHR1	25001897	CHR1:25001897	SSF x Near_LoA	-9,96391875	0,055	0,305
CHR1	25004100	CHR1:25004100	SSF x Near_LoA	-9,46521801	0,005	0,312
CHR1	25004211	CHR1:25004211	SSF x Near_LoA	-6,45419641	-0,049	0,295
CHR1	25004259	CHR1:25004259	SSF x Near_LoA	-8,76041248	0,024	0,308
CHR1	25004342	CHR1:25004342	SSF x Near_LoA	-4,31719302	-0,137	0,300
CHR1	25004343	CHR1:25004343	SSF x Near_LoA	-7,84655646	-0,121	0,319
CHR1	25014044	CHR1:25014044	SSF x Near_LoA	-11,503336	-0,064	0,294
CHR1	2503462	CHR1:2503462	SSF x Near_LoA	-9,07520329	0,023	0,299
CHR1	25034738	CHR1:25034738	SSF x Near_LoA	-10,0946928	-0,081	0,310
CHR1	25034837	CHR1:25034837	SSF x Near_LoA	-8,12693789	-0,051	0,311
CHR1	25041790	CHR1:25041790	SSF x Near_LoA	-8,82107434	0,011	0,298
CHR1	25041816	CHR1:25041816	SSF x Near_LoA	-7,93760202	0,061	0,311
CHR1	25041861	CHR1:25041861	SSF x Near_LoA	-9,4280037	0,060	0,317

CHR1	25041973	CHR1:25041973	SSF x Near_LoA	-5,77606829	-0,019	0,315
CHR1	25051346	CHR1:25051346	SSF x Near_LoA	-10,3387337	-0,077	0,318
CHR1	25051489	CHR1:25051489	SSF x Near_LoA	-7,89127404	-0,031	0,322
CHR1	25063643	CHR1:25063643	SSF x Near_LoA	-9,57321169	0,015	0,310
CHR1	25063646	CHR1:25063646	SSF x Near_LoA	-9,55563522	0,019	0,308
CHR1	25063696	CHR1:25063696	SSF x Near_LoA	-6,59220795	0,077	0,319
CHR1	25063767	CHR1:25063767	SSF x Near_LoA	-8,21864234	0,022	0,303
CHR1	25063796	CHR1:25063796	SSF x Near_LoA	-8,93623971	0,036	0,307
CHR1	25063799	CHR1:25063799	SSF x Near_LoA	-8,81828314	-0,010	0,308
CHR1	25063802	CHR1:25063802	SSF x Near_LoA	-6,01773888	0,008	0,315
CHR1	25063840	CHR1:25063840	SSF x Near_LoA	-8,76259476	0,009	0,307
CHR1	25063858	CHR1:25063858	SSF x Near_LoA	-7,54547233	-0,003	0,310
CHR1	25063879	CHR1:25063879	SSF x Near_LoA	-8,62842966	0,025	0,303
CHR1	2507091	CHR1:2507091	SSF x Near_LoA	-9,37178233	-0,050	0,300
CHR1	2507105	CHR1:2507105	SSF x Near_LoA	-8,70963058	0,035	0,297
CHR1	2507177	CHR1:2507177	SSF x Near_LoA	-9,66882026	0,105	0,301
CHR1	25073260	CHR1:25073260	SSF x Near_LoA	-9,73811907	-0,026	0,305
CHR1	25073387	CHR1:25073387	SSF x Near_LoA	-7,92429851	-0,084	0,304
CHR1	25073423	CHR1:25073423	SSF x Near_LoA	-8,05072067	0,041	0,311
CHR1	25073448	CHR1:25073448	SSF x Near_LoA	-8,91315206	0,018	0,307
CHR1	25073458	CHR1:25073458	SSF x Near_LoA	-8,93316985	0,043	0,302
CHR1	25073473	CHR1:25073473	SSF x Near_LoA	-7,92304633	-0,067	0,306
CHR1	25075460	CHR1:25075460	SSF x Near_LoA	-11,093243	-0,029	0,312
CHR1	25075576	CHR1:25075576	SSF x Near_LoA	-9,79307381	0,000	0,316
CHR1	25075582	CHR1:25075582	SSF x Near_LoA	-9,46080865	0,015	0,320
CHR1	25075603	CHR1:25075603	SSF x Near_LoA	-0,7584263	-0,174	0,293
CHR1	25075665	CHR1:25075665	SSF x Near_LoA	-9,52676621	-0,086	0,295
CHR1	25075693	CHR1:25075693	SSF x Near_LoA	-8,59928948	0,024	0,305
CHR1	25083223	CHR1:25083223	SSF x Near_LoA	-11,2277975	-0,013	0,309
CHR1	25083247	CHR1:25083247	SSF x Near_LoA	-8,45579043	-0,044	0,316
CHR1	25084109	CHR1:25084109	SSF x Near_LoA	-8,90566348	0,054	0,301
CHR1	25095809	CHR1:25095809	SSF x Near_LoA	-8,04138261	0,049	0,314
CHR1	25115683	CHR1:25115683	SSF x Near_LoA	-9,34251065	-0,040	0,313
CHR1	25115740	CHR1:25115740	SSF x Near_LoA	-9,15681023	-0,002	0,308
CHR1	25128192	CHR1:25128192	SSF x Near_LoA	-9,3041548	-0,059	0,311
CHR1	25152948	CHR1:25152948	SSF x Near_LoA	-7,69076916	-0,068	0,305
CHR1	25161634	CHR1:25161634	SSF x Near_LoA	-7,58758351	-0,036	0,312
CHR1	25164227	CHR1:25164227	SSF x Near_LoA	-11,150474	0,043	0,305
CHR1	25164285	CHR1:25164285	SSF x Near_LoA	-8,02238483	0,065	0,315
CHR1	25165649	CHR1:25165649	SSF x Near_LoA	-6,74985759	-0,035	0,315
CHR1	25165663	CHR1:25165663	SSF x Near_LoA	-9,59455695	-0,002	0,307
CHR1	25167184	CHR1:25167184	SSF x Near_LoA	-10,3226696	-0,040	0,321
CHR1	25167342	CHR1:25167342	SSF x Near_LoA	-6,86362659	0,118	0,307
CHR1	25167396	CHR1:25167396	SSF x Near_LoA	-10,6181739	0,065	0,301
CHR1	25177399	CHR1:25177399	SSF x Near_LoA	-11,0256504	0,057	0,311
CHR1	25189672	CHR1:25189672	SSF x Near_LoA	-9,22932089	-0,074	0,308
CHR1	25189975	CHR1:25189975	SSF x Near_LoA	-9,66277837	0,031	0,302
CHR1	25194287	CHR1:25194287	SSF x Near_LoA	-8,53972258	0,079	0,314
CHR1	25194295	CHR1:25194295	SSF x Near_LoA	-7,5492622	0,086	0,304
CHR1	25194309	CHR1:25194309	SSF x Near_LoA	-9,19754961	0,094	0,306
CHR1	25194333	CHR1:25194333	SSF x Near_LoA	-7,66652984	0,090	0,313
CHR1	25194356	CHR1:25194356	SSF x Near_LoA	-8,26639273	0,070	0,313
CHR1	25194358	CHR1:25194358	SSF x Near_LoA	-7,77076683	0,097	0,317

CHR1	25194361	CHR1:25194361	SSF x Near_LoA	-7,99719134	-0,097	0,314
CHR1	25196794	CHR1:25196794	SSF x Near_LoA	-9,5520833	-0,040	0,322
CHR1	25198148	CHR1:25198148	SSF x Near_LoA	-9,25943218	-0,047	0,317
CHR1	25198267	CHR1:25198267	SSF x Near_LoA	-9,11600763	0,054	0,312
CHR1	25198307	CHR1:25198307	SSF x Near_LoA	-10,7454232	-0,008	0,322
CHR1	251987	CHR1:251987	SSF x Near_LoA	-10,9791451	0,033	0,303
CHR1	25200622	CHR1:25200622	SSF x Near_LoA	-6,5236302	0,048	0,302
CHR1	25227003	CHR1:25227003	SSF x Near_LoA	-9,7136276	0,064	0,313
CHR1	25231625	CHR1:25231625	SSF x Near_LoA	-9,17216581	-0,022	0,309
CHR1	25255564	CHR1:25255564	SSF x Near_LoA	-8,55507303	0,074	0,311
CHR1	25261357	CHR1:25261357	SSF x Near_LoA	-11,735088	0,072	0,313
CHR1	25261366	CHR1:25261366	SSF x Near_LoA	-8,25414325	-0,119	0,308
CHR1	25261543	CHR1:25261543	SSF x Near_LoA	-8,48915528	-0,005	0,301
CHR1	25261593	CHR1:25261593	SSF x Near_LoA	-7,02539948	-0,018	0,330
CHR1	25261623	CHR1:25261623	SSF x Near_LoA	-11,7199748	-0,016	0,302
CHR1	25263868	CHR1:25263868	SSF x Near_LoA	-8,90168863	-0,105	0,299
CHR1	25263877	CHR1:25263877	SSF x Near_LoA	-9,70513336	-0,071	0,305
CHR1	2530119	CHR1:2530119	SSF x Near_LoA	-10,0668139	0,035	0,325
CHR1	25302041	CHR1:25302041	SSF x Near_LoA	-8,27301357	-0,053	0,315
CHR1	25302085	CHR1:25302085	SSF x Near_LoA	-9,85994281	0,048	0,299
CHR1	2530977	CHR1:2530977	SSF x Near_LoA	-8,66535897	0,043	0,310
CHR1	2531027	CHR1:2531027	SSF x Near_LoA	-9,71657434	0,042	0,308
CHR1	2531048	CHR1:2531048	SSF x Near_LoA	-10,3659796	0,041	0,311
CHR1	2531159	CHR1:2531159	SSF x Near_LoA	-9,35012255	0,005	0,310
CHR1	25347034	CHR1:25347034	SSF x Near_LoA	-10,2459067	-0,039	0,312
CHR1	25347046	CHR1:25347046	SSF x Near_LoA	-11,8999538	-0,041	0,310
CHR1	25347051	CHR1:25347051	SSF x Near_LoA	-7,65976835	0,124	0,290
CHR1	25347080	CHR1:25347080	SSF x Near_LoA	-9,17055093	0,051	0,314
CHR1	25347098	CHR1:25347098	SSF x Near_LoA	-9,20756207	0,027	0,304
CHR1	25347099	CHR1:25347099	SSF x Near_LoA	-8,21584854	0,091	0,317
CHR1	25352071	CHR1:25352071	SSF x Near_LoA	-9,96430895	0,027	0,311
CHR1	25352112	CHR1:25352112	SSF x Near_LoA	-11,6076051	0,012	0,303
CHR1	25352122	CHR1:25352122	SSF x Near_LoA	-9,11391407	0,070	0,319
CHR1	25357756	CHR1:25357756	SSF x Near_LoA	-8,42280118	-0,004	0,315
CHR1	25372089	CHR1:25372089	SSF x Near_LoA	-11,225569	-0,049	0,303
CHR1	25372116	CHR1:25372116	SSF x Near_LoA	-10,1217153	0,057	0,294
CHR1	25376323	CHR1:25376323	SSF x Near_LoA	-9,24429237	0,062	0,296
CHR1	25376381	CHR1:25376381	SSF x Near_LoA	-8,48025194	0,075	0,311
CHR1	25376464	CHR1:25376464	SSF x Near_LoA	-7,50100429	-0,081	0,326
CHR1	25376538	CHR1:25376538	SSF x Near_LoA	-9,37723256	-0,064	0,302
CHR1	25376547	CHR1:25376547	SSF x Near_LoA	8,93225549	-0,080	0,310
CHR1	25376557	CHR1:25376557	SSF x Near_LoA	-7,10900784	-0,087	0,307
CHR1	25388437	CHR1:25388437	SSF x Near_LoA	-9,91689381	0,064	0,311
CHR1	25389246	CHR1:25389246	SSF x Near_LoA	-8,88953317	0,003	0,315
CHR1	25389290	CHR1:25389290	SSF x Near_LoA	-10,3747986	0,022	0,311
CHR1	25389311	CHR1:25389311	SSF x Near_LoA	-11,6880759	-0,042	0,308
CHR1	25393452	CHR1:25393452	SSF x Near_LoA	-10,4671933	0,029	0,293
CHR1	25393454	CHR1:25393454	SSF x Near_LoA	-9,2703581	-0,062	0,319
CHR1	25393507	CHR1:25393507	SSF x Near_LoA	-11,2672878	-0,079	0,309
CHR1	25395991	CHR1:25395991	SSF x Near_LoA	-10,3945532	0,021	0,310
CHR1	25396074	CHR1:25396074	SSF x Near_LoA	-7,31301137	0,042	0,304
CHR1	25396170	CHR1:25396170	SSF x Near_LoA	-9,29776593	0,001	0,315
CHR1	25399671	CHR1:25399671	SSF x Near_LoA	-8,21479161	0,063	0,326

CHR1	254010	CHR1:254010	SSF x Near_LoA	-9,19595021	0,089	0,307
CHR1	25414092	CHR1:25414092	SSF x Near_LoA	-10,2770328	-0,016	0,308
CHR1	25414157	CHR1:25414157	SSF x Near_LoA	-11,2651727	0,006	0,312
CHR1	25414195	CHR1:25414195	SSF x Near_LoA	-2,70167475	-0,027	0,319
CHR1	25422039	CHR1:25422039	SSF x Near_LoA	-6,19002961	0,127	0,304
CHR1	25422071	CHR1:25422071	SSF x Near_LoA	-8,3465551	-0,040	0,314
CHR1	25422085	CHR1:25422085	SSF x Near_LoA	-7,32705571	0,079	0,299
CHR1	25426638	CHR1:25426638	SSF x Near_LoA	-8,98240778	-0,010	0,299
CHR1	25430295	CHR1:25430295	SSF x Near_LoA	-9,56849597	0,058	0,312
CHR1	25430351	CHR1:25430351	SSF x Near_LoA	-6,87255342	0,198	0,300
CHR1	25430399	CHR1:25430399	SSF x Near_LoA	-6,87949811	-0,114	0,319
CHR1	25430405	CHR1:25430405	SSF x Near_LoA	-7,28983828	-0,109	0,313
CHR1	25434347	CHR1:25434347	SSF x Near_LoA	-9,4834365	-0,047	0,317
CHR1	25441758	CHR1:25441758	SSF x Near_LoA	-7,58162602	0,119	0,301
CHR1	2544883	CHR1:2544883	SSF x Near_LoA	-10,7395744	0,088	0,294
CHR1	254501	CHR1:254501	SSF x Near_LoA	-9,04824952	0,041	0,314
CHR1	25451816	CHR1:25451816	SSF x Near_LoA	-10,012191	0,015	0,312
CHR1	25451818	CHR1:25451818	SSF x Near_LoA	-7,2539172	-0,074	0,296
CHR1	25451829	CHR1:25451829	SSF x Near_LoA	-9,31042082	0,154	0,307
CHR1	25451945	CHR1:25451945	SSF x Near_LoA	-10,0087136	0,059	0,305
CHR1	25452233	CHR1:25452233	SSF x Near_LoA	-11,865022	0,054	0,299
CHR1	25452360	CHR1:25452360	SSF x Near_LoA	-9,20581412	0,029	0,311
CHR1	2545794	CHR1:2545794	SSF x Near_LoA	-11,2933185	0,042	0,314
CHR1	2545810	CHR1:2545810	SSF x Near_LoA	-8,76377176	0,123	0,298
CHR1	2545814	CHR1:2545814	SSF x Near_LoA	-6,68930269	0,135	0,299
CHR1	25459513	CHR1:25459513	SSF x Near_LoA	-6,11261106	-0,098	0,312
CHR1	25459537	CHR1:25459537	SSF x Near_LoA	-8,57716825	-0,039	0,305
CHR1	25459575	CHR1:25459575	SSF x Near_LoA	-10,2755711	-0,018	0,323
CHR1	25459611	CHR1:25459611	SSF x Near_LoA	-10,3537942	-0,005	0,307
CHR1	25459612	CHR1:25459612	SSF x Near_LoA	-10,6159847	0,006	0,299
CHR1	25459614	CHR1:25459614	SSF x Near_LoA	-10,6155878	0,005	0,298
CHR1	25459618	CHR1:25459618	SSF x Near_LoA	-10,9864351	-0,002	0,294
CHR1	25459621	CHR1:25459621	SSF x Near_LoA	-8,99156366	0,035	0,308
CHR1	25459622	CHR1:25459622	SSF x Near_LoA	-10,9970734	0,042	0,300
CHR1	25459623	CHR1:25459623	SSF x Near_LoA	-11,3344327	0,003	0,302
CHR1	25459674	CHR1:25459674	SSF x Near_LoA	-0,09259655	-0,126	0,298
CHR1	2545999	CHR1:2545999	SSF x Near_LoA	-8,60956815	-0,067	0,316
CHR1	25465614	CHR1:25465614	SSF x Near_LoA	-10,6043649	-0,014	0,300
CHR1	25465618	CHR1:25465618	SSF x Near_LoA	-10,6391162	-0,002	0,291
CHR1	25467794	CHR1:25467794	SSF x Near_LoA	-7,45638142	-0,104	0,312
CHR1	25472167	CHR1:25472167	SSF x Near_LoA	-7,50607994	-0,095	0,303
CHR1	25472176	CHR1:25472176	SSF x Near_LoA	-7,47954888	-0,091	0,291
CHR1	25472198	CHR1:25472198	SSF x Near_LoA	-8,52154366	-0,048	0,318
CHR1	25478156	CHR1:25478156	SSF x Near_LoA	-9,2892045	-0,061	0,301
CHR1	25478161	CHR1:25478161	SSF x Near_LoA	-8,73391947	-0,043	0,312
CHR1	25478184	CHR1:25478184	SSF x Near_LoA	-8,28392719	0,143	0,306
CHR1	25481755	CHR1:25481755	SSF x Near_LoA	-9,01650119	0,017	0,323
CHR1	25481804	CHR1:25481804	SSF x Near_LoA	-8,86628514	0,122	0,303
CHR1	25492264	CHR1:25492264	SSF x Near_LoA	-6,14205743	-0,185	0,295
CHR1	25492320	CHR1:25492320	SSF x Near_LoA	-4,78308846	-0,213	0,307
CHR1	25492436	CHR1:25492436	SSF x Near_LoA	-7,61887843	-0,157	0,293
CHR1	25492446	CHR1:25492446	SSF x Near_LoA	-6,57599584	-0,165	0,299
CHR1	25512527	CHR1:25512527	SSF x Near_LoA	-8,94098213	0,006	0,308

CHR1	25512579	CHR1:25512579	SSF x Near_LoA	-10,6309978	0,007	0,314
CHR1	25512605	CHR1:25512605	SSF x Near_LoA	-9,17721417	0,015	0,306
CHR1	25517909	CHR1:25517909	SSF x Near_LoA	-7,00587304	-0,132	0,307
CHR1	25518095	CHR1:25518095	SSF x Near_LoA	-7,14660097	0,115	0,303
CHR1	25522723	CHR1:25522723	SSF x Near_LoA	-10,7900691	0,034	0,318
CHR1	25522793	CHR1:25522793	SSF x Near_LoA	-8,23099365	0,083	0,313
CHR1	25522824	CHR1:25522824	SSF x Near_LoA	-8,51845276	0,065	0,310
CHR1	25530690	CHR1:25530690	SSF x Near_LoA	-9,00766044	0,004	0,315
CHR1	25530806	CHR1:25530806	SSF x Near_LoA	-8,44497193	0,055	0,308
CHR1	25530811	CHR1:25530811	SSF x Near_LoA	-7,88346682	0,058	0,317
CHR1	25530813	CHR1:25530813	SSF x Near_LoA	-4,63259055	-0,052	0,298
CHR1	25530858	CHR1:25530858	SSF x Near_LoA	-11,023563	-0,038	0,321
CHR1	25530905	CHR1:25530905	SSF x Near_LoA	-8,49955202	0,051	0,307
CHR1	25535699	CHR1:25535699	SSF x Near_LoA	-10,1170819	0,085	0,303
CHR1	25535713	CHR1:25535713	SSF x Near_LoA	-10,4946117	-0,022	0,304
CHR1	25552288	CHR1:25552288	SSF x Near_LoA	-8,19837085	0,075	0,312
CHR1	25552326	CHR1:25552326	SSF x Near_LoA	-10,2977279	-0,041	0,310
CHR1	25553491	CHR1:25553491	SSF x Near_LoA	-9,38728084	0,015	0,316
CHR1	25555490	CHR1:25555490	SSF x Near_LoA	-10,3820766	0,023	0,294
CHR1	25563933	CHR1:25563933	SSF x Near_LoA	-9,73053066	-0,060	0,312
CHR1	25563953	CHR1:25563953	SSF x Near_LoA	-9,3812398	-0,090	0,304
CHR1	25567709	CHR1:25567709	SSF x Near_LoA	-8,88539308	-0,100	0,321
CHR1	25567798	CHR1:25567798	SSF x Near_LoA	-10,2361934	0,026	0,316
CHR1	25570735	CHR1:25570735	SSF x Near_LoA	-10,815415	-0,066	0,302
CHR1	25570740	CHR1:25570740	SSF x Near_LoA	-6,2004678	-0,156	0,282
CHR1	25570789	CHR1:25570789	SSF x Near_LoA	-7,36885088	0,133	0,305
CHR1	25570803	CHR1:25570803	SSF x Near_LoA	-11,329959	-0,021	0,297
CHR1	25570811	CHR1:25570811	SSF x Near_LoA	-8,63256408	0,113	0,301
CHR1	25570841	CHR1:25570841	SSF x Near_LoA	-10,1169643	-0,022	0,289
CHR1	25570897	CHR1:25570897	SSF x Near_LoA	-7,70255597	-0,020	0,310
CHR1	25570918	CHR1:25570918	SSF x Near_LoA	-10,4995565	-0,081	0,298
CHR1	25576321	CHR1:25576321	SSF x Near_LoA	-5,55799648	0,006	0,312
CHR1	25576350	CHR1:25576350	SSF x Near_LoA	-10,3089854	-0,018	0,314
CHR1	25576394	CHR1:25576394	SSF x Near_LoA	-8,49937734	-0,035	0,314
CHR1	25584646	CHR1:25584646	SSF x Near_LoA	-11,1685237	-0,029	0,304
CHR1	25584661	CHR1:25584661	SSF x Near_LoA	-7,41147406	-0,040	0,330
CHR1	25584672	CHR1:25584672	SSF x Near_LoA	-11,862352	0,002	0,309
CHR1	25586278	CHR1:25586278	SSF x Near_LoA	-9,29575272	0,076	0,297
CHR1	25586339	CHR1:25586339	SSF x Near_LoA	-10,4227289	0,019	0,307
CHR1	25588473	CHR1:25588473	SSF x Near_LoA	-5,27128236	-0,100	0,324
CHR1	25588533	CHR1:25588533	SSF x Near_LoA	-10,8999688	0,036	0,317
CHR1	25589023	CHR1:25589023	SSF x Near_LoA	-11,5481477	-0,079	0,312
CHR1	25589050	CHR1:25589050	SSF x Near_LoA	-11,2607276	-0,028	0,305
CHR1	25600146	CHR1:25600146	SSF x Near_LoA	-10,4555964	0,137	0,302
CHR1	25600223	CHR1:25600223	SSF x Near_LoA	-6,99536891	-0,056	0,297
CHR1	25600412	CHR1:25600412	SSF x Near_LoA	-10,1494207	0,087	0,300
CHR1	2560107	CHR1:2560107	SSF x Near_LoA	-8,8319944	-0,009	0,299
CHR1	25601668	CHR1:25601668	SSF x Near_LoA	-10,7772976	-0,079	0,307
CHR1	25601791	CHR1:25601791	SSF x Near_LoA	-9,28040654	-0,049	0,298
CHR1	25609599	CHR1:25609599	SSF x Near_LoA	-10,6326345	-0,038	0,304
CHR1	25609656	CHR1:25609656	SSF x Near_LoA	-10,4534216	0,097	0,318
CHR1	25611330	CHR1:25611330	SSF x Near_LoA	-8,16243332	-0,020	0,301
CHR1	25612516	CHR1:25612516	SSF x Near_LoA	-9,7481041	0,054	0,310

CHR1	25634427	CHR1:25634427	SSF x Near_LoA	-8,3807834	-0,082	0,317
CHR1	25639815	CHR1:25639815	SSF x Near_LoA	-8,81900161	-0,010	0,307
CHR1	25639818	CHR1:25639818	SSF x Near_LoA	-9,59635691	0,017	0,301
CHR1	25639841	CHR1:25639841	SSF x Near_LoA	-11,1205167	0,054	0,288
CHR1	25639921	CHR1:25639921	SSF x Near_LoA	-10,9665207	0,002	0,300
CHR1	25639993	CHR1:25639993	SSF x Near_LoA	-11,7863119	-0,013	0,302
CHR1	25640008	CHR1:25640008	SSF x Near_LoA	-6,69790644	-0,092	0,305
CHR1	25640039	CHR1:25640039	SSF x Near_LoA	-10,2029721	0,137	0,306
CHR1	25641401	CHR1:25641401	SSF x Near_LoA	-11,5230268	-0,049	0,301
CHR1	25641431	CHR1:25641431	SSF x Near_LoA	-5,34309343	0,189	0,303
CHR1	25643389	CHR1:25643389	SSF x Near_LoA	-11,3158925	0,089	0,299
CHR1	25643457	CHR1:25643457	SSF x Near_LoA	-10,6516228	0,017	0,312
CHR1	25643495	CHR1:25643495	SSF x Near_LoA	-11,7526894	0,042	0,306
CHR1	25643585	CHR1:25643585	SSF x Near_LoA	-9,47118727	-0,071	0,320
CHR1	25643602	CHR1:25643602	SSF x Near_LoA	-9,17736682	0,049	0,327
CHR1	2565889	CHR1:2565889	SSF x Near_LoA	-5,3435674	0,070	0,322
CHR1	2565903	CHR1:2565903	SSF x Near_LoA	-7,84858679	-0,133	0,295
CHR1	25662684	CHR1:25662684	SSF x Near_LoA	-9,17947783	0,032	0,310
CHR1	25662749	CHR1:25662749	SSF x Near_LoA	-8,43730675	0,142	0,309
CHR1	25662755	CHR1:25662755	SSF x Near_LoA	-10,2395773	0,029	0,308
CHR1	25662775	CHR1:25662775	SSF x Near_LoA	-8,82852334	-0,003	0,306
CHR1	25662780	CHR1:25662780	SSF x Near_LoA	-8,47660719	-0,025	0,307
CHR1	25662824	CHR1:25662824	SSF x Near_LoA	-9,3452079	-0,077	0,316
CHR1	25672550	CHR1:25672550	SSF x Near_LoA	-9,30116213	-0,117	0,324
CHR1	25672551	CHR1:25672551	SSF x Near_LoA	-9,41812283	-0,139	0,291
CHR1	25672687	CHR1:25672687	SSF x Near_LoA	-11,1287089	0,034	0,303
CHR1	25679415	CHR1:25679415	SSF x Near_LoA	-9,26721813	-0,074	0,306
CHR1	25684126	CHR1:25684126	SSF x Near_LoA	-8,08941825	0,043	0,311
CHR1	25684143	CHR1:25684143	SSF x Near_LoA	-8,27014739	0,068	0,304
CHR1	25684150	CHR1:25684150	SSF x Near_LoA	-10,9380817	0,077	0,314
CHR1	25684178	CHR1:25684178	SSF x Near_LoA	-8,71441365	-0,013	0,311
CHR1	25684276	CHR1:25684276	SSF x Near_LoA	-10,5398954	0,034	0,304
CHR1	25684277	CHR1:25684277	SSF x Near_LoA	-11,4374241	-0,016	0,302
CHR1	25697627	CHR1:25697627	SSF x Near_LoA	-10,5957108	-0,030	0,321
CHR1	25710056	CHR1:25710056	SSF x Near_LoA	-11,8443411	-0,037	0,297
CHR1	25710161	CHR1:25710161	SSF x Near_LoA	-9,01621034	0,055	0,302
CHR1	25710169	CHR1:25710169	SSF x Near_LoA	-9,11427382	0,065	0,300
CHR1	25710176	CHR1:25710176	SSF x Near_LoA	-10,0213473	0,014	0,291
CHR1	25710200	CHR1:25710200	SSF x Near_LoA	-7,85679374	-0,066	0,311
CHR1	25710307	CHR1:25710307	SSF x Near_LoA	-10,7099177	-0,040	0,310
CHR1	25712793	CHR1:25712793	SSF x Near_LoA	-10,3940771	-0,049	0,315
CHR1	25712794	CHR1:25712794	SSF x Near_LoA	-8,91555058	-0,080	0,308
CHR1	25712807	CHR1:25712807	SSF x Near_LoA	-9,71547978	0,033	0,308
CHR1	25712881	CHR1:25712881	SSF x Near_LoA	-7,28588097	-0,160	0,292
CHR1	25712987	CHR1:25712987	SSF x Near_LoA	-6,0431467	-0,021	0,299
CHR1	25712989	CHR1:25712989	SSF x Near_LoA	-8,62791851	-0,006	0,322
CHR1	25717974	CHR1:25717974	SSF x Near_LoA	-8,31739714	-0,034	0,300
CHR1	25718031	CHR1:25718031	SSF x Near_LoA	-5,09877411	0,082	0,308
CHR1	25718092	CHR1:25718092	SSF x Near_LoA	-8,89493872	-0,043	0,310
CHR1	25726790	CHR1:25726790	SSF x Near_LoA	-10,245504	-0,004	0,315
CHR1	25726803	CHR1:25726803	SSF x Near_LoA	-10,1054097	-0,060	0,319
CHR1	25726840	CHR1:25726840	SSF x Near_LoA	-6,48925326	-0,015	0,325
CHR1	25726864	CHR1:25726864	SSF x Near_LoA	-8,04950885	-0,049	0,323

CHR1	25726908	CHR1:25726908	SSF x Near_LoA	-10,6383466	0,137	0,292
CHR1	25726923	CHR1:25726923	SSF x Near_LoA	-7,01726141	0,138	0,308
CHR1	25750901	CHR1:25750901	SSF x Near_LoA	-11,1631591	0,043	0,310
CHR1	25751108	CHR1:25751108	SSF x Near_LoA	-11,3884007	0,049	0,315
CHR1	25756758	CHR1:25756758	SSF x Near_LoA	-11,8340761	0,026	0,294
CHR1	25759012	CHR1:25759012	SSF x Near_LoA	-10,2189143	0,042	0,322
CHR1	25759054	CHR1:25759054	SSF x Near_LoA	-3,01010284	0,202	0,288
CHR1	25759087	CHR1:25759087	SSF x Near_LoA	-7,81593232	-0,055	0,314
CHR1	25763511	CHR1:25763511	SSF x Near_LoA	-8,76249182	0,056	0,297
CHR1	25763577	CHR1:25763577	SSF x Near_LoA	-9,3642805	0,028	0,313
CHR1	25763630	CHR1:25763630	SSF x Near_LoA	-11,9374118	0,068	0,292
CHR1	25763892	CHR1:25763892	SSF x Near_LoA	-7,90934179	-0,063	0,295
CHR1	25771781	CHR1:25771781	SSF x Near_LoA	-7,86719536	0,055	0,301
CHR1	25774852	CHR1:25774852	SSF x Near_LoA	-11,5069542	0,042	0,308
CHR1	25774861	CHR1:25774861	SSF x Near_LoA	-10,6926282	-0,016	0,314
CHR1	25774903	CHR1:25774903	SSF x Near_LoA	-9,12870931	-0,038	0,313
CHR1	25774915	CHR1:25774915	SSF x Near_LoA	-8,42850543	-0,033	0,323
CHR1	25774916	CHR1:25774916	SSF x Near_LoA	-6,98165411	0,056	0,319
CHR1	25774939	CHR1:25774939	SSF x Near_LoA	-7,39086268	-0,034	0,312
CHR1	25774953	CHR1:25774953	SSF x Near_LoA	-8,61472409	0,017	0,333
CHR1	25774955	CHR1:25774955	SSF x Near_LoA	-10,3591973	0,027	0,303
CHR1	25775087	CHR1:25775087	SSF x Near_LoA	-11,8021032	0,020	0,301
CHR1	25777931	CHR1:25777931	SSF x Near_LoA	-10,0748561	-0,026	0,308
CHR1	25777936	CHR1:25777936	SSF x Near_LoA	-10,7238831	-0,026	0,310
CHR1	25777948	CHR1:25777948	SSF x Near_LoA	-9,30551864	0,183	0,285
CHR1	25777967	CHR1:25777967	SSF x Near_LoA	-7,20255546	-0,062	0,301
CHR1	25784091	CHR1:25784091	SSF x Near_LoA	-10,3579634	-0,088	0,308
CHR1	25784118	CHR1:25784118	SSF x Near_LoA	-10,5557582	-0,054	0,299
CHR1	25784134	CHR1:25784134	SSF x Near_LoA	-9,17490169	-0,048	0,302
CHR1	25784174	CHR1:25784174	SSF x Near_LoA	-10,3201505	0,044	0,306
CHR1	25784200	CHR1:25784200	SSF x Near_LoA	-10,346128	0,024	0,315
CHR1	25784202	CHR1:25784202	SSF x Near_LoA	-8,31321221	-0,066	0,320
CHR1	25784215	CHR1:25784215	SSF x Near_LoA	-7,4081453	-0,007	0,310
CHR1	25789305	CHR1:25789305	SSF x Near_LoA	-8,62441871	0,128	0,298
CHR1	25789410	CHR1:25789410	SSF x Near_LoA	-9,79480049	0,075	0,295
CHR1	25789411	CHR1:25789411	SSF x Near_LoA	-9,91638477	0,060	0,302
CHR1	25808496	CHR1:25808496	SSF x Near_LoA	-8,17676153	-0,137	0,298
CHR1	25808610	CHR1:25808610	SSF x Near_LoA	-6,68823692	0,080	0,299
CHR1	25808667	CHR1:25808667	SSF x Near_LoA	-9,48839783	-0,037	0,320
CHR1	25810774	CHR1:25810774	SSF x Near_LoA	-9,5812745	-0,041	0,301
CHR1	25810880	CHR1:25810880	SSF x Near_LoA	-10,9814249	0,053	0,295
CHR1	25818917	CHR1:25818917	SSF x Near_LoA	-10,2690755	-0,008	0,305
CHR1	25819095	CHR1:25819095	SSF x Near_LoA	-10,1112321	-0,014	0,309
CHR1	25825913	CHR1:25825913	SSF x Near_LoA	-7,18288047	0,159	0,294
CHR1	25825914	CHR1:25825914	SSF x Near_LoA	-9,33271267	0,056	0,316
CHR1	25825920	CHR1:25825920	SSF x Near_LoA	-2,12741466	0,190	0,289
CHR1	25825925	CHR1:25825925	SSF x Near_LoA	-5,35520843	0,153	0,309
CHR1	25837897	CHR1:25837897	SSF x Near_LoA	-10,0926674	-0,040	0,305
CHR1	25838139	CHR1:25838139	SSF x Near_LoA	-9,5514847	0,023	0,301
CHR1	25838147	CHR1:25838147	SSF x Near_LoA	-9,58140589	0,010	0,287
CHR1	25841834	CHR1:25841834	SSF x Near_LoA	-3,07607917	0,253	0,284
CHR1	25841893	CHR1:25841893	SSF x Near_LoA	-8,20029071	-0,123	0,302
CHR1	25841952	CHR1:25841952	SSF x Near_LoA	-5,88599728	-0,145	0,316

CHR1	25844610	CHR1:25844610	SSF x Near_LoA	-8,77970418	0,002	0,313
CHR1	25844723	CHR1:25844723	SSF x Near_LoA	-9,15187812	-0,128	0,309
CHR1	25844769	CHR1:25844769	SSF x Near_LoA	-6,30470815	-0,032	0,310
CHR1	25844776	CHR1:25844776	SSF x Near_LoA	-7,50576811	0,004	0,331
CHR1	25844803	CHR1:25844803	SSF x Near_LoA	-8,63889092	0,030	0,313
CHR1	25848035	CHR1:25848035	SSF x Near_LoA	-10,4673407	-0,044	0,291
CHR1	25848066	CHR1:25848066	SSF x Near_LoA	-9,27910758	0,131	0,309
CHR1	25848258	CHR1:25848258	SSF x Near_LoA	-6,63834057	0,102	0,306
CHR1	25848259	CHR1:25848259	SSF x Near_LoA	-6,71638364	0,113	0,307
CHR1	25848273	CHR1:25848273	SSF x Near_LoA	-10,6700716	0,058	0,305
CHR1	25854999	CHR1:25854999	SSF x Near_LoA	-9,77961049	0,003	0,298
CHR1	25863630	CHR1:25863630	SSF x Near_LoA	-6,92110573	0,076	0,308
CHR1	25870003	CHR1:25870003	SSF x Near_LoA	-10,3881533	-0,001	0,301
CHR1	25877374	CHR1:25877374	SSF x Near_LoA	-6,96830256	-0,140	0,298
CHR1	25877380	CHR1:25877380	SSF x Near_LoA	-10,8130811	0,067	0,297
CHR1	25877398	CHR1:25877398	SSF x Near_LoA	-8,43967783	-0,130	0,301
CHR1	25887407	CHR1:25887407	SSF x Near_LoA	-9,32789924	0,000	0,312
CHR1	25897160	CHR1:25897160	SSF x Near_LoA	-5,87222822	0,039	0,305
CHR1	25919746	CHR1:25919746	SSF x Near_LoA	-11,4028698	-0,003	0,310
CHR1	25919829	CHR1:25919829	SSF x Near_LoA	-7,81311515	0,024	0,300
CHR1	25919862	CHR1:25919862	SSF x Near_LoA	-9,72901383	0,013	0,306
CHR1	25919933	CHR1:25919933	SSF x Near_LoA	-4,87985778	0,057	0,320
CHR1	25922770	CHR1:25922770	SSF x Near_LoA	-10,1377987	-0,033	0,305
CHR1	25922781	CHR1:25922781	SSF x Near_LoA	-8,83524128	-0,168	0,292
CHR1	25922913	CHR1:25922913	SSF x Near_LoA	-10,9933967	0,059	0,303
CHR1	2592344	CHR1:2592344	SSF x Near_LoA	-10,147449	-0,082	0,305
CHR1	2592675	CHR1:2592675	SSF x Near_LoA	-10,7191451	0,003	0,311
CHR1	25930575	CHR1:25930575	SSF x Near_LoA	-8,41877879	-0,073	0,315
CHR1	25930673	CHR1:25930673	SSF x Near_LoA	-8,42479345	-0,106	0,301
CHR1	25938402	CHR1:25938402	SSF x Near_LoA	-10,0936753	0,030	0,306
CHR1	25939422	CHR1:25939422	SSF x Near_LoA	-11,8124194	-0,008	0,310
CHR1	25939431	CHR1:25939431	SSF x Near_LoA	-9,12211527	0,007	0,318
CHR1	25950059	CHR1:25950059	SSF x Near_LoA	-10,6391406	0,077	0,291
CHR1	25950116	CHR1:25950116	SSF x Near_LoA	-10,4979572	0,018	0,316
CHR1	25950120	CHR1:25950120	SSF x Near_LoA	-9,13535179	0,068	0,310
CHR1	25950318	CHR1:25950318	SSF x Near_LoA	-10,0261075	-0,045	0,315
CHR1	25950324	CHR1:25950324	SSF x Near_LoA	-9,95785068	-0,029	0,312
CHR1	25961034	CHR1:25961034	SSF x Near_LoA	-10,1251209	0,165	0,294
CHR1	2596441	CHR1:2596441	SSF x Near_LoA	-7,40841046	0,106	0,302
CHR1	2596527	CHR1:2596527	SSF x Near_LoA	-9,4203647	-0,089	0,313
CHR1	25985978	CHR1:25985978	SSF x Near_LoA	-7,15063019	0,121	0,309
CHR1	25986114	CHR1:25986114	SSF x Near_LoA	-10,1178898	0,052	0,317
CHR1	25991465	CHR1:25991465	SSF x Near_LoA	-9,66989864	-0,062	0,303
CHR1	25991483	CHR1:25991483	SSF x Near_LoA	-11,3104072	-0,013	0,288
CHR1	25991484	CHR1:25991484	SSF x Near_LoA	-11,7356691	-0,023	0,285
CHR1	25991506	CHR1:25991506	SSF x Near_LoA	-11,8710249	0,012	0,297
CHR1	25991662	CHR1:25991662	SSF x Near_LoA	-10,7652768	-0,014	0,303
CHR1	25991663	CHR1:25991663	SSF x Near_LoA	-10,9642015	0,087	0,310
CHR1	25991677	CHR1:25991677	SSF x Near_LoA	-11,2129507	0,057	0,300
CHR1	25991745	CHR1:25991745	SSF x Near_LoA	-10,262451	0,073	0,301
CHR1	25996813	CHR1:25996813	SSF x Near_LoA	-8,45663726	-0,110	0,309
CHR1	25996975	CHR1:25996975	SSF x Near_LoA	-10,4933078	-0,028	0,311
CHR1	25996977	CHR1:25996977	SSF x Near_LoA	-10,5043167	-0,032	0,294

CHR1	25996995	CHR1:25996995	SSF x Near_LoA	-11,420819	-0,063	0,308
CHR1	26000422	CHR1:26000422	SSF x Near_LoA	-1,42808453	0,157	0,306
CHR1	26001335	CHR1:26001335	SSF x Near_LoA	-9,16981656	-0,148	0,306
CHR1	26007922	CHR1:26007922	SSF x Near_LoA	-3,21088382	-0,057	0,306
CHR1	26007963	CHR1:26007963	SSF x Near_LoA	-10,0925348	0,031	0,332
CHR1	26008005	CHR1:26008005	SSF x Near_LoA	-5,94962489	-0,214	0,290
CHR1	26008135	CHR1:26008135	SSF x Near_LoA	-10,3618385	-0,009	0,306
CHR1	26008143	CHR1:26008143	SSF x Near_LoA	-5,88342359	0,205	0,307
CHR1	26011537	CHR1:26011537	SSF x Near_LoA	-8,2114244	-0,013	0,306
CHR1	26011545	CHR1:26011545	SSF x Near_LoA	-10,2092211	0,031	0,309
CHR1	26020695	CHR1:26020695	SSF x Near_LoA	-8,97573136	0,184	0,299
CHR1	26020721	CHR1:26020721	SSF x Near_LoA	-8,67059216	0,024	0,308
CHR1	26020802	CHR1:26020802	SSF x Near_LoA	-7,30524222	0,110	0,325
CHR1	26020827	CHR1:26020827	SSF x Near_LoA	-8,93996593	0,126	0,316
CHR1	26027285	CHR1:26027285	SSF x Near_LoA	-10,3853227	-0,103	0,313
CHR1	26027493	CHR1:26027493	SSF x Near_LoA	-9,72002484	0,050	0,301
CHR1	26027494	CHR1:26027494	SSF x Near_LoA	-10,9567033	0,025	0,291
CHR1	26031978	CHR1:26031978	SSF x Near_LoA	-10,004528	0,084	0,312
CHR1	26032080	CHR1:26032080	SSF x Near_LoA	-6,98055412	-0,097	0,321
CHR1	26032120	CHR1:26032120	SSF x Near_LoA	-7,8966865	0,063	0,311
CHR1	26032144	CHR1:26032144	SSF x Near_LoA	-7,73678297	0,037	0,320
CHR1	26032169	CHR1:26032169	SSF x Near_LoA	-11,1639399	-0,080	0,290
CHR1	26032219	CHR1:26032219	SSF x Near_LoA	-9,80668967	0,009	0,298
CHR1	26034172	CHR1:26034172	SSF x Near_LoA	-7,36720143	-0,123	0,304
CHR1	26034949	CHR1:26034949	SSF x Near_LoA	-9,9892737	0,086	0,318
CHR1	26042874	CHR1:26042874	SSF x Near_LoA	-7,46656442	0,058	0,310
CHR1	26042948	CHR1:26042948	SSF x Near_LoA	-10,2205903	0,136	0,291
CHR1	2604762	CHR1:2604762	SSF x Near_LoA	-9,17262013	0,089	0,300
CHR1	2604768	CHR1:2604768	SSF x Near_LoA	-9,56686841	-0,010	0,304
CHR1	2604804	CHR1:2604804	SSF x Near_LoA	-8,78873483	-0,018	0,313
CHR1	2604813	CHR1:2604813	SSF x Near_LoA	-7,11887831	-0,083	0,325
CHR1	2604897	CHR1:2604897	SSF x Near_LoA	-3,46268451	0,035	0,299
CHR1	2604920	CHR1:2604920	SSF x Near_LoA	-9,58748067	0,082	0,298
CHR1	2604963	CHR1:2604963	SSF x Near_LoA	-5,92641409	-0,121	0,299
CHR1	2604988	CHR1:2604988	SSF x Near_LoA	-7,81056207	0,068	0,293
CHR1	2604996	CHR1:2604996	SSF x Near_LoA	-10,5617626	0,001	0,301
CHR1	26050848	CHR1:26050848	SSF x Near_LoA	-8,47214587	-0,014	0,309
CHR1	26054966	CHR1:26054966	SSF x Near_LoA	-9,00278214	0,073	0,308
CHR1	26055026	CHR1:26055026	SSF x Near_LoA	-7,99922752	0,121	0,311
CHR1	26065201	CHR1:26065201	SSF x Near_LoA	0,4575561	-0,070	0,310
CHR1	26084522	CHR1:26084522	SSF x Near_LoA	0,50889657	-0,054	0,320
CHR1	26113957	CHR1:26113957	SSF x Near_LoA	-9,07833034	-0,030	0,307
CHR1	26133264	CHR1:26133264	SSF x Near_LoA	-10,3255235	-0,036	0,308
CHR1	26138454	CHR1:26138454	SSF x Near_LoA	-5,69790706	0,103	0,303
CHR1	26138455	CHR1:26138455	SSF x Near_LoA	-8,42572419	0,105	0,305
CHR1	26138509	CHR1:26138509	SSF x Near_LoA	-6,8900999	-0,067	0,312
CHR1	26138525	CHR1:26138525	SSF x Near_LoA	-7,35831413	0,134	0,315
CHR1	26138549	CHR1:26138549	SSF x Near_LoA	-5,87194204	0,172	0,301
CHR1	26138561	CHR1:26138561	SSF x Near_LoA	-8,98252008	-0,022	0,312
CHR1	26138614	CHR1:26138614	SSF x Near_LoA	-8,24031563	-0,043	0,301
CHR1	2615194	CHR1:2615194	SSF x Near_LoA	-9,13556906	0,071	0,303
CHR1	2615373	CHR1:2615373	SSF x Near_LoA	-8,72993678	0,027	0,315
CHR1	2615374	CHR1:2615374	SSF x Near_LoA	-9,40920144	0,033	0,313

CHR1	2615385	CHR1:2615385	SSF x Near_LoA	-6,93240085	-0,012	0,311
CHR1	2615404	CHR1:2615404	SSF x Near_LoA	-11,0502722	-0,012	0,310
CHR1	2615408	CHR1:2615408	SSF x Near_LoA	-10,2157508	0,032	0,305
CHR1	2615410	CHR1:2615410	SSF x Near_LoA	-7,32494441	-0,061	0,310
CHR1	2615429	CHR1:2615429	SSF x Near_LoA	-11,2379056	-0,009	0,320
CHR1	26157545	CHR1:26157545	SSF x Near_LoA	-6,40871736	0,085	0,300
CHR1	26157599	CHR1:26157599	SSF x Near_LoA	-11,0984592	0,022	0,311
CHR1	26157669	CHR1:26157669	SSF x Near_LoA	-8,05447512	0,008	0,313
CHR1	26157686	CHR1:26157686	SSF x Near_LoA	-8,22500965	-0,070	0,307
CHR1	26164950	CHR1:26164950	SSF x Near_LoA	-10,6510241	-0,027	0,305
CHR1	26164987	CHR1:26164987	SSF x Near_LoA	-11,4295209	-0,045	0,304
CHR1	26171564	CHR1:26171564	SSF x Near_LoA	-11,4319805	-0,018	0,303
CHR1	26171582	CHR1:26171582	SSF x Near_LoA	-10,140085	0,004	0,312
CHR1	26171587	CHR1:26171587	SSF x Near_LoA	-9,61535886	0,005	0,302
CHR1	26174720	CHR1:26174720	SSF x Near_LoA	-9,12504705	-0,036	0,308
CHR1	26174885	CHR1:26174885	SSF x Near_LoA	-10,0659098	-0,015	0,324
CHR1	26185400	CHR1:26185400	SSF x Near_LoA	-8,90384418	-0,123	0,304
CHR1	26185577	CHR1:26185577	SSF x Near_LoA	-8,19656649	-0,055	0,300
CHR1	26191590	CHR1:26191590	SSF x Near_LoA	-8,00280885	0,055	0,304
CHR1	26195181	CHR1:26195181	SSF x Near_LoA	-8,92873269	-0,077	0,306
CHR1	26198827	CHR1:26198827	SSF x Near_LoA	-6,96632487	-0,186	0,290
CHR1	26198879	CHR1:26198879	SSF x Near_LoA	-11,4103926	-0,026	0,298
CHR1	26198899	CHR1:26198899	SSF x Near_LoA	-10,6154923	-0,058	0,298
CHR1	26205346	CHR1:26205346	SSF x Near_LoA	-11,0635913	0,040	0,306
CHR1	26221778	CHR1:26221778	SSF x Near_LoA	-8,95684276	-0,055	0,294
CHR1	26221832	CHR1:26221832	SSF x Near_LoA	-9,9883164	0,119	0,312
CHR1	26233419	CHR1:26233419	SSF x Near_LoA	-10,2797567	-0,076	0,323
CHR1	26241645	CHR1:26241645	SSF x Near_LoA	-10,9994827	0,047	0,300
CHR1	26241791	CHR1:26241791	SSF x Near_LoA	-10,5731111	-0,030	0,299
CHR1	26241802	CHR1:26241802	SSF x Near_LoA	-10,1211126	0,014	0,312
CHR1	26241823	CHR1:26241823	SSF x Near_LoA	-8,39736536	-0,018	0,310
CHR1	26249302	CHR1:26249302	SSF x Near_LoA	-8,3399073	-0,050	0,303
CHR1	26249421	CHR1:26249421	SSF x Near_LoA	-9,11506716	0,025	0,302
CHR1	26249513	CHR1:26249513	SSF x Near_LoA	-9,21044595	0,047	0,304
CHR1	26253710	CHR1:26253710	SSF x Near_LoA	-8,99012113	-0,068	0,316
CHR1	26253729	CHR1:26253729	SSF x Near_LoA	-9,05663707	-0,012	0,314
CHR1	26253925	CHR1:26253925	SSF x Near_LoA	-9,85234382	0,079	0,307
CHR1	2625867	CHR1:2625867	SSF x Near_LoA	-11,1227738	0,018	0,316
CHR1	2626293	CHR1:2626293	SSF x Near_LoA	-9,27873278	-0,044	0,321
CHR1	2626294	CHR1:2626294	SSF x Near_LoA	-9,24081285	-0,040	0,319
CHR1	26263552	CHR1:26263552	SSF x Near_LoA	-10,4271086	-0,028	0,305
CHR1	26264930	CHR1:26264930	SSF x Near_LoA	-7,85704828	0,012	0,305
CHR1	26285147	CHR1:26285147	SSF x Near_LoA	-9,49575544	-0,103	0,306
CHR1	26285161	CHR1:26285161	SSF x Near_LoA	-10,6870635	0,001	0,302
CHR1	26285226	CHR1:26285226	SSF x Near_LoA	-7,97513777	0,128	0,281
CHR1	26285255	CHR1:26285255	SSF x Near_LoA	-8,50365267	0,159	0,288
CHR1	26285281	CHR1:26285281	SSF x Near_LoA	-10,7569601	-0,019	0,301
CHR1	26285975	CHR1:26285975	SSF x Near_LoA	-7,70915216	0,131	0,312
CHR1	26286059	CHR1:26286059	SSF x Near_LoA	-10,3976264	0,119	0,300
CHR1	26286060	CHR1:26286060	SSF x Near_LoA	-9,63755338	0,103	0,310
CHR1	26286171	CHR1:26286171	SSF x Near_LoA	-5,83442257	-0,027	0,322
CHR1	26286303	CHR1:26286303	SSF x Near_LoA	-9,40869781	0,073	0,307
CHR1	26290186	CHR1:26290186	SSF x Near_LoA	-11,3691896	-0,046	0,305

CHR1	26290324	CHR1:26290324	SSF x Near_LoA	-7,98756988	-0,067	0,319
CHR1	26290335	CHR1:26290335	SSF x Near_LoA	-4,82758822	-0,126	0,321
CHR1	26290367	CHR1:26290367	SSF x Near_LoA	-8,03412623	0,101	0,314
CHR1	26290398	CHR1:26290398	SSF x Near_LoA	-10,1046326	0,092	0,304
CHR1	26292524	CHR1:26292524	SSF x Near_LoA	-8,58720388	-0,074	0,305
CHR1	26292537	CHR1:26292537	SSF x Near_LoA	-11,1408549	0,093	0,298
CHR1	26292547	CHR1:26292547	SSF x Near_LoA	-9,01823875	0,031	0,324
CHR1	26292549	CHR1:26292549	SSF x Near_LoA	-5,31364766	-0,068	0,308
CHR1	26299947	CHR1:26299947	SSF x Near_LoA	-12,6664048	-0,047	0,298
CHR1	26314999	CHR1:26314999	SSF x Near_LoA	-9,29783892	-0,093	0,308
CHR1	26315143	CHR1:26315143	SSF x Near_LoA	-9,11506895	0,062	0,301
CHR1	26315155	CHR1:26315155	SSF x Near_LoA	-8,4802905	0,019	0,311
CHR1	26315199	CHR1:26315199	SSF x Near_LoA	-0,74494363	0,041	0,303
CHR1	26315233	CHR1:26315233	SSF x Near_LoA	-10,4845781	-0,001	0,307
CHR1	26323255	CHR1:26323255	SSF x Near_LoA	-10,7882165	0,113	0,285
CHR1	26323291	CHR1:26323291	SSF x Near_LoA	-8,27390051	0,137	0,297
CHR1	26323293	CHR1:26323293	SSF x Near_LoA	-8,73840585	0,129	0,292
CHR1	26334978	CHR1:26334978	SSF x Near_LoA	-8,5598267	-0,014	0,319
CHR1	26334983	CHR1:26334983	SSF x Near_LoA	-8,00758368	-0,084	0,310
CHR1	26335100	CHR1:26335100	SSF x Near_LoA	-7,83425074	-0,092	0,311
CHR1	26335280	CHR1:26335280	SSF x Near_LoA	-1,18116279	-0,047	0,308
CHR1	26344893	CHR1:26344893	SSF x Near_LoA	-9,28449036	-0,007	0,307
CHR1	26344920	CHR1:26344920	SSF x Near_LoA	-10,9907496	0,060	0,302
CHR1	26344952	CHR1:26344952	SSF x Near_LoA	-8,8930801	0,044	0,295
CHR1	26344955	CHR1:26344955	SSF x Near_LoA	-8,85490896	0,023	0,301
CHR1	26344959	CHR1:26344959	SSF x Near_LoA	-8,97874693	0,024	0,300
CHR1	26344961	CHR1:26344961	SSF x Near_LoA	-6,1663726	0,052	0,307
CHR1	26344962	CHR1:26344962	SSF x Near_LoA	-10,3738408	-0,139	0,304
CHR1	26344968	CHR1:26344968	SSF x Near_LoA	-8,60419289	0,037	0,302
CHR1	26344972	CHR1:26344972	SSF x Near_LoA	-8,45122041	0,011	0,287
CHR1	26344979	CHR1:26344979	SSF x Near_LoA	-8,74814781	0,068	0,297
CHR1	26344987	CHR1:26344987	SSF x Near_LoA	-9,16472014	-0,075	0,311
CHR1	26344995	CHR1:26344995	SSF x Near_LoA	-9,02745182	-0,136	0,300
CHR1	26345074	CHR1:26345074	SSF x Near_LoA	-8,53786966	0,020	0,313
CHR1	26345111	CHR1:26345111	SSF x Near_LoA	-8,8988876	0,055	0,311
CHR1	2635602	CHR1:2635602	SSF x Near_LoA	-8,81345012	0,001	0,300
CHR1	2635609	CHR1:2635609	SSF x Near_LoA	-9,05154863	-0,105	0,297
CHR1	2635646	CHR1:2635646	SSF x Near_LoA	-10,164899	0,028	0,298
CHR1	2635653	CHR1:2635653	SSF x Near_LoA	-8,89312117	0,115	0,315
CHR1	2635658	CHR1:2635658	SSF x Near_LoA	-8,34028372	0,079	0,321
CHR1	26360305	CHR1:26360305	SSF x Near_LoA	-10,9519695	-0,096	0,309
CHR1	26360324	CHR1:26360324	SSF x Near_LoA	-10,5696541	-0,104	0,316
CHR1	26387001	CHR1:26387001	SSF x Near_LoA	-8,08272752	0,166	0,301
CHR1	26387012	CHR1:26387012	SSF x Near_LoA	-8,92559003	0,080	0,300
CHR1	26387098	CHR1:26387098	SSF x Near_LoA	-8,43791659	0,038	0,307
CHR1	26389179	CHR1:26389179	SSF x Near_LoA	-12,211466	-0,030	0,303
CHR1	26389238	CHR1:26389238	SSF x Near_LoA	-10,2885235	-0,073	0,321
CHR1	26389250	CHR1:26389250	SSF x Near_LoA	-4,34736815	0,047	0,315
CHR1	26389297	CHR1:26389297	SSF x Near_LoA	-8,23607242	0,126	0,314
CHR1	26410882	CHR1:26410882	SSF x Near_LoA	-11,0069072	-0,006	0,299
CHR1	2642642	CHR1:2642642	SSF x Near_LoA	-8,60089532	0,071	0,308
CHR1	2642679	CHR1:2642679	SSF x Near_LoA	-9,42507443	0,020	0,295
CHR1	2643114	CHR1:2643114	SSF x Near_LoA	-8,48607145	0,013	0,327

CHR1	2643130	CHR1:2643130	SSF x Near_LoA	-9,82969492	0,123	0,299
CHR1	2643132	CHR1:2643132	SSF x Near_LoA	-7,53498379	0,139	0,313
CHR1	2643140	CHR1:2643140	SSF x Near_LoA	-11,4246793	0,014	0,307
CHR1	2643742	CHR1:2643742	SSF x Near_LoA	-9,76936294	-0,124	0,315
CHR1	2643781	CHR1:2643781	SSF x Near_LoA	-7,76490671	0,040	0,307
CHR1	26437839	CHR1:26437839	SSF x Near_LoA	-10,4302948	-0,035	0,317
CHR1	2643821	CHR1:2643821	SSF x Near_LoA	-9,12737337	-0,027	0,315
CHR1	2643848	CHR1:2643848	SSF x Near_LoA	-11,509241	0,032	0,310
CHR1	2643851	CHR1:2643851	SSF x Near_LoA	-8,84906853	-0,046	0,296
CHR1	2643872	CHR1:2643872	SSF x Near_LoA	-6,22798937	-0,067	0,310
CHR1	26449788	CHR1:26449788	SSF x Near_LoA	-9,96729517	-0,023	0,314
CHR1	26449798	CHR1:26449798	SSF x Near_LoA	-9,41633679	0,025	0,330
CHR1	26449811	CHR1:26449811	SSF x Near_LoA	-10,1449969	0,045	0,320
CHR1	26450960	CHR1:26450960	SSF x Near_LoA	-8,0237588	-0,112	0,312
CHR1	26450986	CHR1:26450986	SSF x Near_LoA	-10,0959813	-0,020	0,301
CHR1	26450991	CHR1:26450991	SSF x Near_LoA	-7,18387273	-0,155	0,298
CHR1	26451702	CHR1:26451702	SSF x Near_LoA	-7,30193282	0,110	0,313
CHR1	26461341	CHR1:26461341	SSF x Near_LoA	-10,6477822	0,045	0,297
CHR1	26467050	CHR1:26467050	SSF x Near_LoA	-8,78502121	0,071	0,307
CHR1	26467194	CHR1:26467194	SSF x Near_LoA	-10,4787032	0,048	0,308
CHR1	26476297	CHR1:26476297	SSF x Near_LoA	-3,81182271	0,160	0,304
CHR1	26480990	CHR1:26480990	SSF x Near_LoA	-9,34266658	-0,072	0,310
CHR1	26490842	CHR1:26490842	SSF x Near_LoA	-10,0462908	-0,027	0,302
CHR1	26501277	CHR1:26501277	SSF x Near_LoA	-9,38234235	-0,133	0,289
CHR1	26501744	CHR1:26501744	SSF x Near_LoA	-9,62511461	0,071	0,306
CHR1	26506099	CHR1:26506099	SSF x Near_LoA	-9,17770959	0,032	0,303
CHR1	26511542	CHR1:26511542	SSF x Near_LoA	-9,58526032	0,116	0,305
CHR1	26514345	CHR1:26514345	SSF x Near_LoA	-9,4850467	0,019	0,314
CHR1	26514353	CHR1:26514353	SSF x Near_LoA	-8,64487033	-0,086	0,311
CHR1	26514361	CHR1:26514361	SSF x Near_LoA	-8,04917933	0,005	0,299
CHR1	26514379	CHR1:26514379	SSF x Near_LoA	-9,732414	0,062	0,313
CHR1	26518298	CHR1:26518298	SSF x Near_LoA	-8,66406517	-0,016	0,307
CHR1	26528774	CHR1:26528774	SSF x Near_LoA	-9,36214119	0,062	0,298
CHR1	26528822	CHR1:26528822	SSF x Near_LoA	-6,83329801	0,096	0,297
CHR1	26530937	CHR1:26530937	SSF x Near_LoA	-6,60723697	0,087	0,305
CHR1	26530988	CHR1:26530988	SSF x Near_LoA	-10,6171097	0,075	0,301
CHR1	26531012	CHR1:26531012	SSF x Near_LoA	-9,10846095	0,074	0,292
CHR1	26536298	CHR1:26536298	SSF x Near_LoA	-11,267732	0,001	0,297
CHR1	26536325	CHR1:26536325	SSF x Near_LoA	-9,03975131	-0,007	0,311
CHR1	26536327	CHR1:26536327	SSF x Near_LoA	-10,4872426	0,005	0,299
CHR1	26536444	CHR1:26536444	SSF x Near_LoA	-9,35690803	0,020	0,320
CHR1	26536481	CHR1:26536481	SSF x Near_LoA	-11,7615081	-0,042	0,302
CHR1	26540359	CHR1:26540359	SSF x Near_LoA	-9,89911399	0,041	0,303
CHR1	26540392	CHR1:26540392	SSF x Near_LoA	-8,63045016	0,043	0,320
CHR1	26540429	CHR1:26540429	SSF x Near_LoA	-10,0865833	-0,118	0,318
CHR1	26564987	CHR1:26564987	SSF x Near_LoA	-11,2033468	-0,053	0,300
CHR1	26565086	CHR1:26565086	SSF x Near_LoA	-10,140669	0,042	0,301
CHR1	26565092	CHR1:26565092	SSF x Near_LoA	-9,56769678	-0,077	0,302
CHR1	26565280	CHR1:26565280	SSF x Near_LoA	-10,0153606	0,015	0,305
CHR1	26565312	CHR1:26565312	SSF x Near_LoA	-8,52179698	-0,024	0,316
CHR1	26565318	CHR1:26565318	SSF x Near_LoA	-7,2548584	0,121	0,305
CHR1	26565326	CHR1:26565326	SSF x Near_LoA	-7,47175581	-0,006	0,313
CHR1	26570603	CHR1:26570603	SSF x Near_LoA	-10,0135409	-0,046	0,310

CHR1	26570621	CHR1:26570621	SSF x Near_LoA	-8,46141634	0,101	0,299
CHR1	26572236	CHR1:26572236	SSF x Near_LoA	-11,4666495	0,003	0,297
CHR1	26572252	CHR1:26572252	SSF x Near_LoA	-5,62871886	0,146	0,293
CHR1	26572273	CHR1:26572273	SSF x Near_LoA	-4,55544459	-0,124	0,305
CHR1	26578555	CHR1:26578555	SSF x Near_LoA	-11,4108124	0,032	0,306
CHR1	26581586	CHR1:26581586	SSF x Near_LoA	-9,6922352	0,046	0,298
CHR1	26581658	CHR1:26581658	SSF x Near_LoA	-10,5465077	-0,026	0,310
CHR1	26582834	CHR1:26582834	SSF x Near_LoA	-8,57509334	0,078	0,312
CHR1	26583038	CHR1:26583038	SSF x Near_LoA	-11,2986703	-0,083	0,309
CHR1	26585874	CHR1:26585874	SSF x Near_LoA	-9,62297287	-0,002	0,317
CHR1	26586109	CHR1:26586109	SSF x Near_LoA	-4,85661963	0,072	0,311
CHR1	26590213	CHR1:26590213	SSF x Near_LoA	-11,468405	0,010	0,306
CHR1	26592315	CHR1:26592315	SSF x Near_LoA	-8,19217429	0,138	0,284
CHR1	26592366	CHR1:26592366	SSF x Near_LoA	-9,74260162	0,031	0,309
CHR1	26592371	CHR1:26592371	SSF x Near_LoA	-4,96360644	0,149	0,301
CHR1	26600943	CHR1:26600943	SSF x Near_LoA	-8,69995499	0,061	0,307
CHR1	26600970	CHR1:26600970	SSF x Near_LoA	-8,06531891	0,189	0,286
CHR1	26600990	CHR1:26600990	SSF x Near_LoA	-7,95238082	-0,097	0,295
CHR1	26601047	CHR1:26601047	SSF x Near_LoA	-8,81979665	-0,114	0,310
CHR1	26601070	CHR1:26601070	SSF x Near_LoA	-7,40936307	0,124	0,308
CHR1	26601125	CHR1:26601125	SSF x Near_LoA	-9,75473687	-0,050	0,306
CHR1	26605824	CHR1:26605824	SSF x Near_LoA	-6,59100616	0,100	0,308
CHR1	26605858	CHR1:26605858	SSF x Near_LoA	-0,39887306	0,002	0,317
CHR1	26605864	CHR1:26605864	SSF x Near_LoA	-5,86059679	0,067	0,307
CHR1	26605919	CHR1:26605919	SSF x Near_LoA	-8,14021884	0,097	0,301
CHR1	26613614	CHR1:26613614	SSF x Near_LoA	-6,89198661	-0,143	0,297
CHR1	26613730	CHR1:26613730	SSF x Near_LoA	-6,93184087	-0,201	0,301
CHR1	26613740	CHR1:26613740	SSF x Near_LoA	-9,41082323	0,100	0,302
CHR1	26613758	CHR1:26613758	SSF x Near_LoA	-6,99523293	0,164	0,310
CHR1	26613825	CHR1:26613825	SSF x Near_LoA	-9,10443399	-0,081	0,307
CHR1	26618226	CHR1:26618226	SSF x Near_LoA	-10,7523207	0,113	0,300
CHR1	26618295	CHR1:26618295	SSF x Near_LoA	-9,92398265	0,002	0,301
CHR1	26618965	CHR1:26618965	SSF x Near_LoA	-9,01759944	-0,028	0,311
CHR1	26619629	CHR1:26619629	SSF x Near_LoA	-7,07738085	0,031	0,293
CHR1	26619679	CHR1:26619679	SSF x Near_LoA	-7,7089382	-0,088	0,308
CHR1	26619745	CHR1:26619745	SSF x Near_LoA	-11,0262424	-0,014	0,312
CHR1	26628213	CHR1:26628213	SSF x Near_LoA	-9,72016043	0,070	0,307
CHR1	26628229	CHR1:26628229	SSF x Near_LoA	-11,1395395	0,071	0,309
CHR1	26628259	CHR1:26628259	SSF x Near_LoA	-7,73608255	-0,072	0,310
CHR1	26628293	CHR1:26628293	SSF x Near_LoA	-7,1906761	-0,085	0,328
CHR1	26628383	CHR1:26628383	SSF x Near_LoA	-10,3345887	0,033	0,320
CHR1	26628398	CHR1:26628398	SSF x Near_LoA	-8,58056144	-0,051	0,307
CHR1	26631629	CHR1:26631629	SSF x Near_LoA	-8,50534302	-0,012	0,316
CHR1	2664049	CHR1:2664049	SSF x Near_LoA	-9,05898764	-0,020	0,296
CHR1	2664084	CHR1:2664084	SSF x Near_LoA	-9,59534455	0,044	0,317
CHR1	26640993	CHR1:26640993	SSF x Near_LoA	-8,52286299	-0,163	0,306
CHR1	26641036	CHR1:26641036	SSF x Near_LoA	-10,1075221	-0,113	0,307
CHR1	26641046	CHR1:26641046	SSF x Near_LoA	-7,8584314	0,040	0,308
CHR1	26641047	CHR1:26641047	SSF x Near_LoA	-7,01833276	0,047	0,314
CHR1	26641085	CHR1:26641085	SSF x Near_LoA	-8,74547555	0,022	0,300
CHR1	26641165	CHR1:26641165	SSF x Near_LoA	-9,075229	0,028	0,318
CHR1	26641171	CHR1:26641171	SSF x Near_LoA	-8,17005341	-0,050	0,316
CHR1	2664120	CHR1:2664120	SSF x Near_LoA	-8,30444903	0,082	0,311

CHR1	2664171	CHR1:2664171	SSF x Near_LoA	-10,4726522	-0,069	0,306
CHR1	2664195	CHR1:2664195	SSF x Near_LoA	-9,08750264	0,029	0,307
CHR1	2664218	CHR1:2664218	SSF x Near_LoA	-8,67409726	-0,052	0,314
CHR1	26644714	CHR1:26644714	SSF x Near_LoA	-6,99597421	0,081	0,312
CHR1	26644719	CHR1:26644719	SSF x Near_LoA	-6,05828037	0,166	0,299
CHR1	26644735	CHR1:26644735	SSF x Near_LoA	-9,05876936	-0,068	0,307
CHR1	26644760	CHR1:26644760	SSF x Near_LoA	-10,6693303	0,021	0,314
CHR1	26644762	CHR1:26644762	SSF x Near_LoA	-10,0764881	-0,117	0,297
CHR1	26645001	CHR1:26645001	SSF x Near_LoA	-8,79982203	0,078	0,304
CHR1	26646370	CHR1:26646370	SSF x Near_LoA	-6,42401365	0,177	0,295
CHR1	26653110	CHR1:26653110	SSF x Near_LoA	-10,9632997	0,032	0,305
CHR1	26653217	CHR1:26653217	SSF x Near_LoA	-9,06216589	-0,015	0,301
CHR1	26664862	CHR1:26664862	SSF x Near_LoA	-1,0763303	0,056	0,307
CHR1	26664950	CHR1:26664950	SSF x Near_LoA	-9,30114966	0,128	0,295
CHR1	26669370	CHR1:26669370	SSF x Near_LoA	-11,7972992	0,028	0,314
CHR1	26669416	CHR1:26669416	SSF x Near_LoA	-8,4080639	0,044	0,314
CHR1	26669480	CHR1:26669480	SSF x Near_LoA	-6,98339862	0,056	0,304
CHR1	26672868	CHR1:26672868	SSF x Near_LoA	-7,77320572	0,161	0,298
CHR1	26677436	CHR1:26677436	SSF x Near_LoA	-6,72971879	-0,201	0,292
CHR1	26677578	CHR1:26677578	SSF x Near_LoA	-3,33359448	-0,222	0,303
CHR1	26677609	CHR1:26677609	SSF x Near_LoA	-10,834464	0,064	0,309
CHR1	26677632	CHR1:26677632	SSF x Near_LoA	-8,20869927	0,060	0,340
CHR1	26677634	CHR1:26677634	SSF x Near_LoA	-8,16083405	0,175	0,298
CHR1	26677640	CHR1:26677640	SSF x Near_LoA	-5,9579724	-0,080	0,319
CHR1	26682967	CHR1:26682967	SSF x Near_LoA	-8,80417877	0,099	0,290
CHR1	26683076	CHR1:26683076	SSF x Near_LoA	-9,65735646	0,094	0,302
CHR1	26683254	CHR1:26683254	SSF x Near_LoA	-7,63337033	-0,100	0,306
CHR1	26689460	CHR1:26689460	SSF x Near_LoA	-7,79241247	0,014	0,303
CHR1	26689526	CHR1:26689526	SSF x Near_LoA	-6,17396181	-0,137	0,304
CHR1	26690099	CHR1:26690099	SSF x Near_LoA	-8,13944248	-0,086	0,318
CHR1	26691254	CHR1:26691254	SSF x Near_LoA	-11,4637757	-0,044	0,303
CHR1	26700585	CHR1:26700585	SSF x Near_LoA	-10,2149208	0,095	0,303
CHR1	26704323	CHR1:26704323	SSF x Near_LoA	-8,74286969	0,060	0,303
CHR1	26708752	CHR1:26708752	SSF x Near_LoA	-10,4335524	0,057	0,319
CHR1	2671516	CHR1:2671516	SSF x Near_LoA	-7,05006726	-0,068	0,320
CHR1	2671521	CHR1:2671521	SSF x Near_LoA	-5,6520249	-0,090	0,315
CHR1	2671547	CHR1:2671547	SSF x Near_LoA	-7,25379273	-0,097	0,307
CHR1	2671588	CHR1:2671588	SSF x Near_LoA	-9,09457514	-0,031	0,313
CHR1	2671602	CHR1:2671602	SSF x Near_LoA	-8,87984881	0,005	0,314
CHR1	2671720	CHR1:2671720	SSF x Near_LoA	-7,68661659	-0,009	0,325
CHR1	2671723	CHR1:2671723	SSF x Near_LoA	-10,6948024	-0,049	0,309
CHR1	26734185	CHR1:26734185	SSF x Near_LoA	-10,5640785	-0,001	0,304
CHR1	26734203	CHR1:26734203	SSF x Near_LoA	-9,97967422	0,097	0,302
CHR1	26734206	CHR1:26734206	SSF x Near_LoA	-8,25726805	-0,018	0,304
CHR1	26734213	CHR1:26734213	SSF x Near_LoA	-9,11551322	-0,022	0,313
CHR1	26734229	CHR1:26734229	SSF x Near_LoA	-11,5768956	0,015	0,314
CHR1	26734323	CHR1:26734323	SSF x Near_LoA	-8,00551353	0,072	0,313
CHR1	26734359	CHR1:26734359	SSF x Near_LoA	-9,24224537	0,080	0,304
CHR1	26739954	CHR1:26739954	SSF x Near_LoA	-7,14793808	-0,094	0,288
CHR1	26739958	CHR1:26739958	SSF x Near_LoA	-8,62251102	-0,011	0,309
CHR1	26739961	CHR1:26739961	SSF x Near_LoA	-11,1445782	-0,044	0,287
CHR1	26739993	CHR1:26739993	SSF x Near_LoA	-3,32780527	0,219	0,285
CHR1	26744959	CHR1:26744959	SSF x Near_LoA	-7,50776292	0,075	0,315

CHR1	26754828	CHR1:26754828	SSF x Near_LoA	-10,9380592	-0,074	0,310
CHR1	26754922	CHR1:26754922	SSF x Near_LoA	-10,2958652	0,006	0,308
CHR1	26754991	CHR1:26754991	SSF x Near_LoA	-10,6617331	0,101	0,290
CHR1	26760026	CHR1:26760026	SSF x Near_LoA	-8,89872633	0,044	0,309
CHR1	26761851	CHR1:26761851	SSF x Near_LoA	-8,17418697	0,063	0,300
CHR1	26762054	CHR1:26762054	SSF x Near_LoA	-8,34993588	0,151	0,289
CHR1	26762088	CHR1:26762088	SSF x Near_LoA	-11,7801354	-0,056	0,297
CHR1	26764833	CHR1:26764833	SSF x Near_LoA	-11,0735969	0,055	0,302
CHR1	2676792	CHR1:2676792	SSF x Near_LoA	-9,53116326	0,044	0,298
CHR1	26777835	CHR1:26777835	SSF x Near_LoA	-9,02585419	-0,095	0,304
CHR1	26801488	CHR1:26801488	SSF x Near_LoA	-9,57293112	-0,112	0,306
CHR1	26802824	CHR1:26802824	SSF x Near_LoA	-10,7257712	0,000	0,302
CHR1	26802832	CHR1:26802832	SSF x Near_LoA	-10,2954505	0,004	0,321
CHR1	26802837	CHR1:26802837	SSF x Near_LoA	-6,34087284	-0,128	0,299
CHR1	26802861	CHR1:26802861	SSF x Near_LoA	-8,07135955	0,040	0,316
CHR1	26805824	CHR1:26805824	SSF x Near_LoA	-6,36205784	0,055	0,316
CHR1	26805875	CHR1:26805875	SSF x Near_LoA	5,63917149	0,229	0,297
CHR1	26805878	CHR1:26805878	SSF x Near_LoA	-7,82641472	0,015	0,303
CHR1	26810176	CHR1:26810176	SSF x Near_LoA	-9,34393496	0,070	0,298
CHR1	26810186	CHR1:26810186	SSF x Near_LoA	-8,61607325	0,011	0,307
CHR1	26810188	CHR1:26810188	SSF x Near_LoA	-10,3411933	0,003	0,309
CHR1	26810199	CHR1:26810199	SSF x Near_LoA	-10,930263	0,011	0,315
CHR1	26810213	CHR1:26810213	SSF x Near_LoA	-10,7881233	-0,072	0,305
CHR1	26810354	CHR1:26810354	SSF x Near_LoA	-8,91944907	-0,045	0,315
CHR1	26810400	CHR1:26810400	SSF x Near_LoA	-7,99952069	0,005	0,311
CHR1	26810477	CHR1:26810477	SSF x Near_LoA	-9,90159869	-0,036	0,311
CHR1	26810499	CHR1:26810499	SSF x Near_LoA	-6,4838847	0,174	0,291
CHR1	26811303	CHR1:26811303	SSF x Near_LoA	-10,8189943	-0,002	0,309
CHR1	26811304	CHR1:26811304	SSF x Near_LoA	-7,2683006	0,120	0,309
CHR1	26811382	CHR1:26811382	SSF x Near_LoA	-10,0323093	-0,042	0,300
CHR1	26811407	CHR1:26811407	SSF x Near_LoA	-11,6990376	-0,058	0,304
CHR1	26811425	CHR1:26811425	SSF x Near_LoA	-10,376301	0,109	0,311
CHR1	26811440	CHR1:26811440	SSF x Near_LoA	-9,21740838	-0,024	0,302
CHR1	26811443	CHR1:26811443	SSF x Near_LoA	-6,79647092	-0,145	0,326
CHR1	26811501	CHR1:26811501	SSF x Near_LoA	-7,62797061	0,058	0,295
CHR1	26811525	CHR1:26811525	SSF x Near_LoA	-8,85087571	0,033	0,314
CHR1	26811545	CHR1:26811545	SSF x Near_LoA	-8,19758544	0,045	0,308
CHR1	268125	CHR1:268125	SSF x Near_LoA	-11,2216688	-0,039	0,307
CHR1	268130	CHR1:268130	SSF x Near_LoA	-9,99346123	-0,009	0,313
CHR1	26815661	CHR1:26815661	SSF x Near_LoA	-11,1071219	-0,012	0,293
CHR1	26815704	CHR1:26815704	SSF x Near_LoA	-9,16187339	-0,108	0,307
CHR1	26816990	CHR1:26816990	SSF x Near_LoA	-9,01965302	0,097	0,303
CHR1	26817010	CHR1:26817010	SSF x Near_LoA	-9,45312341	-0,042	0,293
CHR1	26817099	CHR1:26817099	SSF x Near_LoA	-9,68074827	0,026	0,306
CHR1	26829014	CHR1:26829014	SSF x Near_LoA	-11,2482986	0,059	0,307
CHR1	26829042	CHR1:26829042	SSF x Near_LoA	-9,95681153	0,040	0,297
CHR1	26829060	CHR1:26829060	SSF x Near_LoA	-9,21248448	0,070	0,315
CHR1	26829191	CHR1:26829191	SSF x Near_LoA	-9,5649947	-0,006	0,315
CHR1	268296	CHR1:268296	SSF x Near_LoA	-9,675085	0,081	0,295
CHR1	268297	CHR1:268297	SSF x Near_LoA	-10,2819226	0,055	0,300
CHR1	26834005	CHR1:26834005	SSF x Near_LoA	-7,76329258	-0,091	0,299
CHR1	26834038	CHR1:26834038	SSF x Near_LoA	-10,3280567	0,133	0,294
CHR1	26834104	CHR1:26834104	SSF x Near_LoA	-7,88203302	0,166	0,293

CHR1	26834108	CHR1:26834108	SSF x Near_LoA	-8,71842707	-0,011	0,301
CHR1	26834171	CHR1:26834171	SSF x Near_LoA	0,59634074	-0,009	0,292
CHR1	26834172	CHR1:26834172	SSF x Near_LoA	-10,8094613	-0,009	0,315
CHR1	26839699	CHR1:26839699	SSF x Near_LoA	-8,53648004	0,008	0,309
CHR1	26839708	CHR1:26839708	SSF x Near_LoA	-9,05680211	0,026	0,304
CHR1	26839716	CHR1:26839716	SSF x Near_LoA	-10,1823331	0,001	0,301
CHR1	26839752	CHR1:26839752	SSF x Near_LoA	-6,64787469	-0,111	0,315
CHR1	26839824	CHR1:26839824	SSF x Near_LoA	-8,88030159	0,031	0,313
CHR1	26845931	CHR1:26845931	SSF x Near_LoA	-9,26787663	-0,088	0,308
CHR1	26846028	CHR1:26846028	SSF x Near_LoA	-9,40055226	-0,059	0,291
CHR1	26852903	CHR1:26852903	SSF x Near_LoA	-9,81406337	0,040	0,311
CHR1	26853035	CHR1:26853035	SSF x Near_LoA	-5,37287482	0,037	0,317
CHR1	26853774	CHR1:26853774	SSF x Near_LoA	-7,64473123	0,149	0,303
CHR1	26881845	CHR1:26881845	SSF x Near_LoA	-9,00274651	-0,004	0,310
CHR1	2688936	CHR1:2688936	SSF x Near_LoA	-9,04492613	-0,100	0,296
CHR1	26894912	CHR1:26894912	SSF x Near_LoA	-8,81460008	-0,070	0,315
CHR1	26901277	CHR1:26901277	SSF x Near_LoA	-11,0284501	0,025	0,300
CHR1	26903126	CHR1:26903126	SSF x Near_LoA	-9,76527234	-0,020	0,309
CHR1	26904976	CHR1:26904976	SSF x Near_LoA	-9,16236803	0,051	0,316
CHR1	26908539	CHR1:26908539	SSF x Near_LoA	-10,8875261	-0,044	0,306
CHR1	26908545	CHR1:26908545	SSF x Near_LoA	-10,7382566	-0,029	0,293
CHR1	26908661	CHR1:26908661	SSF x Near_LoA	-10,124369	-0,025	0,315
CHR1	26908709	CHR1:26908709	SSF x Near_LoA	-8,35140017	-0,062	0,314
CHR1	26908727	CHR1:26908727	SSF x Near_LoA	-8,51145862	-0,074	0,312
CHR1	26913184	CHR1:26913184	SSF x Near_LoA	-10,4064055	-0,163	0,293
CHR1	26914605	CHR1:26914605	SSF x Near_LoA	-8,35738357	-0,008	0,309
CHR1	26914634	CHR1:26914634	SSF x Near_LoA	-4,64756136	0,004	0,311
CHR1	26914728	CHR1:26914728	SSF x Near_LoA	-8,61213964	-0,039	0,330
CHR1	26914730	CHR1:26914730	SSF x Near_LoA	-8,81477635	-0,041	0,319
CHR1	26914762	CHR1:26914762	SSF x Near_LoA	-7,47339229	-0,023	0,298
CHR1	26916496	CHR1:26916496	SSF x Near_LoA	-11,4843199	0,022	0,302
CHR1	26917410	CHR1:26917410	SSF x Near_LoA	-7,16809469	0,055	0,278
CHR1	26917419	CHR1:26917419	SSF x Near_LoA	-7,97501483	0,098	0,303
CHR1	26917486	CHR1:26917486	SSF x Near_LoA	-8,41773889	0,118	0,301
CHR1	26937763	CHR1:26937763	SSF x Near_LoA	-8,9074058	0,087	0,297
CHR1	26937768	CHR1:26937768	SSF x Near_LoA	-10,3907269	-0,009	0,312
CHR1	26937831	CHR1:26937831	SSF x Near_LoA	-8,09486036	0,061	0,311
CHR1	26937876	CHR1:26937876	SSF x Near_LoA	-8,9890108	0,158	0,296
CHR1	26945668	CHR1:26945668	SSF x Near_LoA	-7,73343015	0,066	0,315
CHR1	26945753	CHR1:26945753	SSF x Near_LoA	-8,37633904	0,059	0,294
CHR1	26945756	CHR1:26945756	SSF x Near_LoA	-8,62668036	0,054	0,309
CHR1	26945761	CHR1:26945761	SSF x Near_LoA	-4,07837298	0,052	0,309
CHR1	26949731	CHR1:26949731	SSF x Near_LoA	-11,3751978	-0,031	0,304
CHR1	26949780	CHR1:26949780	SSF x Near_LoA	-9,16535381	0,015	0,306
CHR1	26949813	CHR1:26949813	SSF x Near_LoA	-10,6457666	-0,054	0,303
CHR1	26949838	CHR1:26949838	SSF x Near_LoA	-9,27826064	-0,037	0,294
CHR1	26949841	CHR1:26949841	SSF x Near_LoA	-9,03601775	-0,090	0,307
CHR1	26952182	CHR1:26952182	SSF x Near_LoA	-10,0052023	-0,027	0,309
CHR1	26954658	CHR1:26954658	SSF x Near_LoA	-8,90768982	0,077	0,300
CHR1	26954740	CHR1:26954740	SSF x Near_LoA	8,88150341	-0,078	0,314
CHR1	26960026	CHR1:26960026	SSF x Near_LoA	-7,99995061	0,069	0,304
CHR1	26960048	CHR1:26960048	SSF x Near_LoA	-9,05530858	0,030	0,294
CHR1	26960049	CHR1:26960049	SSF x Near_LoA	-8,47273937	0,057	0,303

CHR1	26960833	CHR1:26960833	SSF x Near_LoA	-7,12211825	0,170	0,299
CHR1	26960845	CHR1:26960845	SSF x Near_LoA	-10,0268584	0,045	0,301
CHR1	26960848	CHR1:26960848	SSF x Near_LoA	-8,8936358	-0,138	0,302
CHR1	26960856	CHR1:26960856	SSF x Near_LoA	-11,2462136	0,121	0,292
CHR1	26960864	CHR1:26960864	SSF x Near_LoA	-9,83872765	0,007	0,291
CHR1	26960867	CHR1:26960867	SSF x Near_LoA	-8,47096736	0,158	0,285
CHR1	26962162	CHR1:26962162	SSF x Near_LoA	-9,37275084	0,067	0,300
CHR1	26962180	CHR1:26962180	SSF x Near_LoA	-8,32822237	-0,065	0,307
CHR1	26962258	CHR1:26962258	SSF x Near_LoA	-10,8621875	-0,007	0,315
CHR1	26962277	CHR1:26962277	SSF x Near_LoA	-9,15004145	0,017	0,318
CHR1	26962492	CHR1:26962492	SSF x Near_LoA	-10,9217914	0,050	0,309
CHR1	26962528	CHR1:26962528	SSF x Near_LoA	-10,8581413	0,108	0,304
CHR1	269645	CHR1:269645	SSF x Near_LoA	-9,84607218	-0,100	0,315
CHR1	26968834	CHR1:26968834	SSF x Near_LoA	-10,3052802	0,058	0,307
CHR1	26968863	CHR1:26968863	SSF x Near_LoA	-11,2520627	0,013	0,304
CHR1	26971209	CHR1:26971209	SSF x Near_LoA	-10,3098139	-0,017	0,318
CHR1	26971240	CHR1:26971240	SSF x Near_LoA	-10,3551496	-0,067	0,317
CHR1	26983530	CHR1:26983530	SSF x Near_LoA	-5,73651465	0,150	0,301
CHR1	26983534	CHR1:26983534	SSF x Near_LoA	-1,49213024	-0,109	0,306
CHR1	26983539	CHR1:26983539	SSF x Near_LoA	-8,44744667	-0,003	0,310
CHR1	26983547	CHR1:26983547	SSF x Near_LoA	-10,3588545	-0,032	0,306
CHR1	26983564	CHR1:26983564	SSF x Near_LoA	-8,85924322	-0,137	0,303
CHR1	26983581	CHR1:26983581	SSF x Near_LoA	-8,38868345	0,029	0,311
CHR1	26983635	CHR1:26983635	SSF x Near_LoA	-10,2801758	-0,062	0,302
CHR1	26983707	CHR1:26983707	SSF x Near_LoA	-6,05991644	-0,067	0,314
CHR1	26983716	CHR1:26983716	SSF x Near_LoA	-9,36977361	-0,055	0,307
CHR1	26983740	CHR1:26983740	SSF x Near_LoA	-10,6976077	-0,046	0,311
CHR1	26983742	CHR1:26983742	SSF x Near_LoA	-10,4029388	-0,050	0,304
CHR1	26986900	CHR1:26986900	SSF x Near_LoA	-7,35518118	0,069	0,311
CHR1	26987035	CHR1:26987035	SSF x Near_LoA	-8,85513898	0,066	0,296
CHR1	27007197	CHR1:27007197	SSF x Near_LoA	-6,86981615	0,104	0,310
CHR1	27007353	CHR1:27007353	SSF x Near_LoA	-8,03573063	0,120	0,300
CHR1	27007410	CHR1:27007410	SSF x Near_LoA	-9,51646871	-0,077	0,308
CHR1	2701069	CHR1:2701069	SSF x Near_LoA	-9,66403601	-0,039	0,298
CHR1	2701104	CHR1:2701104	SSF x Near_LoA	-9,03619588	-0,016	0,312
CHR1	2701210	CHR1:2701210	SSF x Near_LoA	-7,71417039	-0,031	0,312
CHR1	2701265	CHR1:2701265	SSF x Near_LoA	-11,0023328	0,001	0,313
CHR1	2701284	CHR1:2701284	SSF x Near_LoA	-8,90653842	-0,065	0,304
CHR1	27013534	CHR1:27013534	SSF x Near_LoA	-8,76852066	-0,088	0,314
CHR1	27013575	CHR1:27013575	SSF x Near_LoA	-12,0190818	-0,034	0,301
CHR1	27013603	CHR1:27013603	SSF x Near_LoA	-7,88845706	-0,013	0,295
CHR1	27013637	CHR1:27013637	SSF x Near_LoA	-7,15369401	-0,055	0,307
CHR1	27015833	CHR1:27015833	SSF x Near_LoA	-8,40483131	-0,016	0,312
CHR1	27015844	CHR1:27015844	SSF x Near_LoA	-10,0325014	-0,045	0,315
CHR1	27015855	CHR1:27015855	SSF x Near_LoA	-11,2673329	0,060	0,302
CHR1	27015885	CHR1:27015885	SSF x Near_LoA	-2,93343803	0,061	0,305
CHR1	27015917	CHR1:27015917	SSF x Near_LoA	-7,44513986	0,034	0,315
CHR1	27015938	CHR1:27015938	SSF x Near_LoA	-9,96263433	-0,034	0,307
CHR1	27015960	CHR1:27015960	SSF x Near_LoA	-10,1270171	0,019	0,318
CHR1	27017927	CHR1:27017927	SSF x Near_LoA	-11,5352199	-0,048	0,309
CHR1	27017981	CHR1:27017981	SSF x Near_LoA	-9,67356475	-0,036	0,324
CHR1	27017992	CHR1:27017992	SSF x Near_LoA	-10,6988182	-0,013	0,295
CHR1	27018008	CHR1:27018008	SSF x Near_LoA	-7,14103905	-0,031	0,313

CHR1	27018803	CHR1:27018803	SSF x Near_LoA	-8,14781995	-0,023	0,320
CHR1	27018861	CHR1:27018861	SSF x Near_LoA	-10,4649873	-0,064	0,314
CHR1	27018885	CHR1:27018885	SSF x Near_LoA	-8,25771564	-0,032	0,303
CHR1	27018888	CHR1:27018888	SSF x Near_LoA	-10,1910221	-0,007	0,305
CHR1	27018962	CHR1:27018962	SSF x Near_LoA	-8,87348134	0,053	0,300
CHR1	27019035	CHR1:27019035	SSF x Near_LoA	-8,47696175	-0,092	0,311
CHR1	27024179	CHR1:27024179	SSF x Near_LoA	-7,88160284	-0,118	0,309
CHR1	27024277	CHR1:27024277	SSF x Near_LoA	-7,4452141	-0,124	0,297
CHR1	27027078	CHR1:27027078	SSF x Near_LoA	-8,48186618	-0,020	0,318
CHR1	27027131	CHR1:27027131	SSF x Near_LoA	-8,48166209	-0,022	0,307
CHR1	27027343	CHR1:27027343	SSF x Near_LoA	-6,99986543	0,045	0,318
CHR1	2702739	CHR1:2702739	SSF x Near_LoA	-5,73405385	0,228	0,280
CHR1	2702867	CHR1:2702867	SSF x Near_LoA	-8,13462205	0,049	0,309
CHR1	27034716	CHR1:27034716	SSF x Near_LoA	-7,08348713	-0,110	0,310
CHR1	27034769	CHR1:27034769	SSF x Near_LoA	-5,52622542	-0,070	0,300
CHR1	27034837	CHR1:27034837	SSF x Near_LoA	-10,5573461	-0,081	0,307
CHR1	27037607	CHR1:27037607	SSF x Near_LoA	-8,64429605	-0,056	0,325
CHR1	27047971	CHR1:27047971	SSF x Near_LoA	-9,67597005	-0,001	0,307
CHR1	27047979	CHR1:27047979	SSF x Near_LoA	-9,80554335	0,003	0,308
CHR1	27048042	CHR1:27048042	SSF x Near_LoA	-7,75069381	0,025	0,301
CHR1	27048055	CHR1:27048055	SSF x Near_LoA	-10,3913173	-0,072	0,292
CHR1	27055627	CHR1:27055627	SSF x Near_LoA	-8,50476932	-0,176	0,303
CHR1	27055685	CHR1:27055685	SSF x Near_LoA	-9,11618353	0,026	0,306
CHR1	27055718	CHR1:27055718	SSF x Near_LoA	-8,27292906	0,026	0,289
CHR1	27055730	CHR1:27055730	SSF x Near_LoA	-9,32131695	0,036	0,311
CHR1	27055736	CHR1:27055736	SSF x Near_LoA	-5,84314052	0,161	0,309
CHR1	27055745	CHR1:27055745	SSF x Near_LoA	-8,52902091	-0,028	0,313
CHR1	2706425	CHR1:2706425	SSF x Near_LoA	-10,2441426	-0,049	0,313
CHR1	27066507	CHR1:27066507	SSF x Near_LoA	-10,773355	0,055	0,307
CHR1	27066800	CHR1:27066800	SSF x Near_LoA	-9,25968021	0,012	0,315
CHR1	27071640	CHR1:27071640	SSF x Near_LoA	-11,1560279	-0,056	0,309
CHR1	27071703	CHR1:27071703	SSF x Near_LoA	-10,7960157	-0,014	0,308
CHR1	27071710	CHR1:27071710	SSF x Near_LoA	-8,96418476	0,021	0,318
CHR1	27071714	CHR1:27071714	SSF x Near_LoA	-5,72538515	0,120	0,300
CHR1	27071715	CHR1:27071715	SSF x Near_LoA	-10,2590463	0,043	0,305
CHR1	27083479	CHR1:27083479	SSF x Near_LoA	-8,29313788	0,159	0,292
CHR1	27083661	CHR1:27083661	SSF x Near_LoA	-10,3569552	0,039	0,319
CHR1	27083697	CHR1:27083697	SSF x Near_LoA	-9,79633198	-0,084	0,288
CHR1	27083699	CHR1:27083699	SSF x Near_LoA	-10,0236411	-0,109	0,297
CHR1	27083712	CHR1:27083712	SSF x Near_LoA	-11,8124499	-0,055	0,299
CHR1	27083762	CHR1:27083762	SSF x Near_LoA	-9,56277064	0,003	0,301
CHR1	27083829	CHR1:27083829	SSF x Near_LoA	-9,30750077	-0,043	0,297
CHR1	27083846	CHR1:27083846	SSF x Near_LoA	-11,5483689	-0,035	0,310
CHR1	27083867	CHR1:27083867	SSF x Near_LoA	-11,8932658	0,026	0,306
CHR1	27090401	CHR1:27090401	SSF x Near_LoA	-9,44036317	-0,050	0,309
CHR1	27098421	CHR1:27098421	SSF x Near_LoA	-2,72218728	-0,016	0,309
CHR1	27098530	CHR1:27098530	SSF x Near_LoA	-8,43926242	0,041	0,300
CHR1	27098557	CHR1:27098557	SSF x Near_LoA	-9,39919073	-0,069	0,300
CHR1	27098593	CHR1:27098593	SSF x Near_LoA	-11,2929547	0,036	0,298
CHR1	27098670	CHR1:27098670	SSF x Near_LoA	-8,57413506	0,006	0,315
CHR1	27110152	CHR1:27110152	SSF x Near_LoA	-2,1753929	-0,004	0,307
CHR1	27110251	CHR1:27110251	SSF x Near_LoA	-7,32583457	-0,020	0,316
CHR1	27110278	CHR1:27110278	SSF x Near_LoA	-10,305505	-0,037	0,307

CHR1	27110287	CHR1:27110287	SSF x Near_LoA	-6,00359441	0,057	0,315
CHR1	27112911	CHR1:27112911	SSF x Near_LoA	-10,9672489	-0,102	0,301
CHR1	27115920	CHR1:27115920	SSF x Near_LoA	-7,8206833	-0,089	0,316
CHR1	27115921	CHR1:27115921	SSF x Near_LoA	0,40649883	-0,071	0,307
CHR1	27115925	CHR1:27115925	SSF x Near_LoA	-3,87967453	-0,132	0,295
CHR1	27135783	CHR1:27135783	SSF x Near_LoA	-8,22582232	0,086	0,310
CHR1	27135846	CHR1:27135846	SSF x Near_LoA	-9,17562712	-0,043	0,326
CHR1	27135861	CHR1:27135861	SSF x Near_LoA	-10,8540775	-0,075	0,301
CHR1	27135869	CHR1:27135869	SSF x Near_LoA	-9,31970328	-0,005	0,312
CHR1	27138777	CHR1:27138777	SSF x Near_LoA	-9,33399969	0,015	0,315
CHR1	27138779	CHR1:27138779	SSF x Near_LoA	-8,89972081	-0,016	0,311
CHR1	27141356	CHR1:27141356	SSF x Near_LoA	-9,92367766	0,042	0,318
CHR1	27141407	CHR1:27141407	SSF x Near_LoA	-10,0431401	0,022	0,314
CHR1	27141541	CHR1:27141541	SSF x Near_LoA	-6,73458266	0,084	0,307
CHR1	2714695	CHR1:2714695	SSF x Near_LoA	-10,1876902	0,030	0,303
CHR1	27154094	CHR1:27154094	SSF x Near_LoA	-10,4738254	0,021	0,315
CHR1	27160350	CHR1:27160350	SSF x Near_LoA	-9,40444178	-0,006	0,304
CHR1	27160374	CHR1:27160374	SSF x Near_LoA	-8,54945519	-0,033	0,314
CHR1	27160381	CHR1:27160381	SSF x Near_LoA	-10,7999122	-0,073	0,301
CHR1	27178588	CHR1:27178588	SSF x Near_LoA	-9,26951579	-0,032	0,290
CHR1	27194347	CHR1:27194347	SSF x Near_LoA	-7,92382027	0,076	0,311
CHR1	27194503	CHR1:27194503	SSF x Near_LoA	-10,8019057	0,071	0,316
CHR1	27194603	CHR1:27194603	SSF x Near_LoA	-8,22940764	0,007	0,321
CHR1	27196841	CHR1:27196841	SSF x Near_LoA	-10,8323593	0,010	0,318
CHR1	27196951	CHR1:27196951	SSF x Near_LoA	-7,5578319	-0,121	0,318
CHR1	27200076	CHR1:27200076	SSF x Near_LoA	-9,01132027	-0,085	0,315
CHR1	2720398	CHR1:2720398	SSF x Near_LoA	-7,23606824	0,126	0,307
CHR1	27204629	CHR1:27204629	SSF x Near_LoA	-5,73169361	-0,089	0,286
CHR1	27204705	CHR1:27204705	SSF x Near_LoA	-6,77117998	-0,051	0,303
CHR1	27207544	CHR1:27207544	SSF x Near_LoA	-8,48080726	-0,083	0,311
CHR1	27210952	CHR1:27210952	SSF x Near_LoA	-8,4487548	-0,008	0,311
CHR1	27213419	CHR1:27213419	SSF x Near_LoA	-0,89300842	-0,136	0,295
CHR1	27213565	CHR1:27213565	SSF x Near_LoA	-11,4097202	0,042	0,298
CHR1	27221334	CHR1:27221334	SSF x Near_LoA	-7,35372546	-0,035	0,314
CHR1	27234894	CHR1:27234894	SSF x Near_LoA	-8,47582352	-0,046	0,307
CHR1	27234968	CHR1:27234968	SSF x Near_LoA	-9,86884209	-0,026	0,300
CHR1	27235031	CHR1:27235031	SSF x Near_LoA	-10,1032402	-0,056	0,308
CHR1	27237488	CHR1:27237488	SSF x Near_LoA	-6,76982886	-0,085	0,304
CHR1	27247798	CHR1:27247798	SSF x Near_LoA	-5,42301112	0,008	0,296
CHR1	27265896	CHR1:27265896	SSF x Near_LoA	-8,59803892	0,131	0,316
CHR1	27266072	CHR1:27266072	SSF x Near_LoA	-10,139223	-0,010	0,302
CHR1	27266146	CHR1:27266146	SSF x Near_LoA	-8,99476208	0,073	0,295
CHR1	2726640	CHR1:2726640	SSF x Near_LoA	-9,76741706	0,036	0,311
CHR1	2726773	CHR1:2726773	SSF x Near_LoA	-9,83943816	-0,037	0,318
CHR1	2726794	CHR1:2726794	SSF x Near_LoA	-8,41008	-0,050	0,314
CHR1	27292063	CHR1:27292063	SSF x Near_LoA	-9,43992119	-0,063	0,304
CHR1	27292116	CHR1:27292116	SSF x Near_LoA	-8,8355122	-0,017	0,321
CHR1	27296791	CHR1:27296791	SSF x Near_LoA	-7,53059395	0,070	0,314
CHR1	27296825	CHR1:27296825	SSF x Near_LoA	-10,5059771	-0,027	0,310
CHR1	27296830	CHR1:27296830	SSF x Near_LoA	-6,70011581	-0,109	0,309
CHR1	27297172	CHR1:27297172	SSF x Near_LoA	-7,8611664	-0,030	0,316
CHR1	27353991	CHR1:27353991	SSF x Near_LoA	-8,92963165	-0,011	0,300
CHR1	27354104	CHR1:27354104	SSF x Near_LoA	-6,90317178	-0,030	0,312

CHR1	27354106	CHR1:27354106	SSF x Near_LoA	-9,62179018	-0,019	0,298
CHR1	27378272	CHR1:27378272	SSF x Near_LoA	-11,4561485	0,025	0,307
CHR1	27378285	CHR1:27378285	SSF x Near_LoA	-11,7326688	-0,020	0,311
CHR1	27378330	CHR1:27378330	SSF x Near_LoA	-9,42355163	0,020	0,319
CHR1	27378607	CHR1:27378607	SSF x Near_LoA	-9,44616456	0,150	0,301
CHR1	2738176	CHR1:2738176	SSF x Near_LoA	-11,3282305	0,092	0,318
CHR1	27394515	CHR1:27394515	SSF x Near_LoA	-9,54752317	0,048	0,321
CHR1	27410669	CHR1:27410669	SSF x Near_LoA	-9,69463559	-0,027	0,313
CHR1	27410733	CHR1:27410733	SSF x Near_LoA	-9,06271128	-0,032	0,313
CHR1	27412753	CHR1:27412753	SSF x Near_LoA	-9,40589199	-0,125	0,304
CHR1	27412768	CHR1:27412768	SSF x Near_LoA	-3,13131502	0,141	0,306
CHR1	27413653	CHR1:27413653	SSF x Near_LoA	-10,2597209	-0,012	0,313
CHR1	27413679	CHR1:27413679	SSF x Near_LoA	-10,8182695	-0,026	0,311
CHR1	27413752	CHR1:27413752	SSF x Near_LoA	-7,7772209	0,110	0,313
CHR1	27414123	CHR1:27414123	SSF x Near_LoA	-9,65761686	-0,018	0,305
CHR1	27429274	CHR1:27429274	SSF x Near_LoA	-10,1665536	0,083	0,299
CHR1	27429310	CHR1:27429310	SSF x Near_LoA	-6,46341475	0,103	0,312
CHR1	27429319	CHR1:27429319	SSF x Near_LoA	-6,90611373	0,196	0,289
CHR1	27429327	CHR1:27429327	SSF x Near_LoA	-9,37809398	0,153	0,300
CHR1	27429333	CHR1:27429333	SSF x Near_LoA	-5,84662019	-0,009	0,299
CHR1	27436634	CHR1:27436634	SSF x Near_LoA	-10,5458377	-0,055	0,313
CHR1	27438756	CHR1:27438756	SSF x Near_LoA	-10,7641098	0,060	0,319
CHR1	27438779	CHR1:27438779	SSF x Near_LoA	-9,37019992	-0,124	0,292
CHR1	27438822	CHR1:27438822	SSF x Near_LoA	-4,76623372	-0,042	0,309
CHR1	27438829	CHR1:27438829	SSF x Near_LoA	-10,0800772	-0,040	0,312
CHR1	27438833	CHR1:27438833	SSF x Near_LoA	-9,39884265	0,110	0,301
CHR1	27439387	CHR1:27439387	SSF x Near_LoA	-10,1992777	-0,027	0,310
CHR1	27439388	CHR1:27439388	SSF x Near_LoA	-8,433695	-0,041	0,313
CHR1	27439389	CHR1:27439389	SSF x Near_LoA	-9,50328214	-0,054	0,314
CHR1	27440580	CHR1:27440580	SSF x Near_LoA	-12,0224382	-0,025	0,311
CHR1	27440610	CHR1:27440610	SSF x Near_LoA	-8,79982661	0,005	0,309
CHR1	27443522	CHR1:27443522	SSF x Near_LoA	-11,5923644	-0,003	0,316
CHR1	27443620	CHR1:27443620	SSF x Near_LoA	-9,62143048	-0,082	0,297
CHR1	27443642	CHR1:27443642	SSF x Near_LoA	-6,08240063	-0,119	0,312
CHR1	27443643	CHR1:27443643	SSF x Near_LoA	-8,3527823	-0,106	0,303
CHR1	27445534	CHR1:27445534	SSF x Near_LoA	-8,62657199	-0,128	0,315
CHR1	27445571	CHR1:27445571	SSF x Near_LoA	-10,290133	0,024	0,310
CHR1	27445599	CHR1:27445599	SSF x Near_LoA	-8,35599198	-0,013	0,312
CHR1	27445652	CHR1:27445652	SSF x Near_LoA	-12,3345904	-0,032	0,298
CHR1	27445686	CHR1:27445686	SSF x Near_LoA	-9,37065994	0,008	0,311
CHR1	27445700	CHR1:27445700	SSF x Near_LoA	-9,99854514	0,014	0,302
CHR1	27445702	CHR1:27445702	SSF x Near_LoA	-5,19628384	-0,017	0,316
CHR1	27445706	CHR1:27445706	SSF x Near_LoA	-11,7170427	0,021	0,287
CHR1	27449238	CHR1:27449238	SSF x Near_LoA	-7,29709019	0,030	0,311
CHR1	27449321	CHR1:27449321	SSF x Near_LoA	-10,1854416	0,025	0,285
CHR1	27449364	CHR1:27449364	SSF x Near_LoA	-10,0421933	0,047	0,301
CHR1	27449421	CHR1:27449421	SSF x Near_LoA	-9,77430835	-0,049	0,316
CHR1	27451439	CHR1:27451439	SSF x Near_LoA	-8,5444904	-0,008	0,302
CHR1	27451444	CHR1:27451444	SSF x Near_LoA	-8,45774611	-0,022	0,305
CHR1	27451526	CHR1:27451526	SSF x Near_LoA	-6,85802382	-0,007	0,317
CHR1	2745492	CHR1:2745492	SSF x Near_LoA	-7,47501226	0,047	0,303
CHR1	27462374	CHR1:27462374	SSF x Near_LoA	-9,05102591	-0,002	0,294
CHR1	27462430	CHR1:27462430	SSF x Near_LoA	-10,3448933	0,168	0,307

CHR1	27462435	CHR1:27462435	SSF x Near_LoA	-7,38031996	0,135	0,305
CHR1	27462527	CHR1:27462527	SSF x Near_LoA	-11,8042654	0,041	0,304
CHR1	27462545	CHR1:27462545	SSF x Near_LoA	-9,20697167	0,050	0,310
CHR1	27478565	CHR1:27478565	SSF x Near_LoA	-9,55354225	0,130	0,308
CHR1	27478637	CHR1:27478637	SSF x Near_LoA	-9,37577765	0,071	0,296
CHR1	27478788	CHR1:27478788	SSF x Near_LoA	-8,90735857	-0,075	0,308
CHR1	27478813	CHR1:27478813	SSF x Near_LoA	-8,17185257	-0,069	0,298
CHR1	27486495	CHR1:27486495	SSF x Near_LoA	-9,54027691	-0,002	0,304
CHR1	27489341	CHR1:27489341	SSF x Near_LoA	-5,82309388	-0,177	0,304
CHR1	27489376	CHR1:27489376	SSF x Near_LoA	-6,47041158	-0,087	0,312
CHR1	27489410	CHR1:27489410	SSF x Near_LoA	-8,09075054	0,075	0,311
CHR1	27492934	CHR1:27492934	SSF x Near_LoA	-6,44745872	0,154	0,309
CHR1	27499021	CHR1:27499021	SSF x Near_LoA	-7,92606631	-0,096	0,319
CHR1	27510924	CHR1:27510924	SSF x Near_LoA	-5,05561171	0,045	0,313
CHR1	27514255	CHR1:27514255	SSF x Near_LoA	-8,48237843	0,022	0,319
CHR1	27527603	CHR1:27527603	SSF x Near_LoA	-9,41322969	-0,043	0,297
CHR1	27527619	CHR1:27527619	SSF x Near_LoA	-9,21670751	-0,036	0,300
CHR1	27527689	CHR1:27527689	SSF x Near_LoA	-9,0470976	-0,037	0,313
CHR1	27527702	CHR1:27527702	SSF x Near_LoA	-7,78523336	0,054	0,316
CHR1	27533851	CHR1:27533851	SSF x Near_LoA	-10,1614169	0,013	0,295
CHR1	27533876	CHR1:27533876	SSF x Near_LoA	-8,22409065	0,072	0,326
CHR1	27533930	CHR1:27533930	SSF x Near_LoA	-9,41205803	0,072	0,315
CHR1	27533931	CHR1:27533931	SSF x Near_LoA	-8,5694691	-0,090	0,308
CHR1	27533956	CHR1:27533956	SSF x Near_LoA	-9,37344861	-0,014	0,311
CHR1	27533964	CHR1:27533964	SSF x Near_LoA	-9,76212761	0,012	0,305
CHR1	27533978	CHR1:27533978	SSF x Near_LoA	-6,10846535	0,132	0,306
CHR1	27533992	CHR1:27533992	SSF x Near_LoA	-10,0297227	0,115	0,313
CHR1	27534050	CHR1:27534050	SSF x Near_LoA	-6,50023829	0,083	0,316
CHR1	27534086	CHR1:27534086	SSF x Near_LoA	-10,5516166	-0,033	0,312
CHR1	27534093	CHR1:27534093	SSF x Near_LoA	-9,53637044	-0,113	0,318
CHR1	27534161	CHR1:27534161	SSF x Near_LoA	-8,75355073	0,096	0,305
CHR1	2753665	CHR1:2753665	SSF x Near_LoA	-7,13099514	0,071	0,289
CHR1	2753756	CHR1:2753756	SSF x Near_LoA	-9,28529332	-0,137	0,307
CHR1	27540306	CHR1:27540306	SSF x Near_LoA	-9,99455808	0,013	0,303
CHR1	27540310	CHR1:27540310	SSF x Near_LoA	3,34939525	-0,154	0,301
CHR1	27540313	CHR1:27540313	SSF x Near_LoA	-11,6525918	-0,058	0,315
CHR1	27540332	CHR1:27540332	SSF x Near_LoA	-9,8992949	-0,140	0,307
CHR1	27540337	CHR1:27540337	SSF x Near_LoA	-4,02426436	0,161	0,310
CHR1	27540348	CHR1:27540348	SSF x Near_LoA	2,0728846	-0,166	0,304
CHR1	27540552	CHR1:27540552	SSF x Near_LoA	-9,348943	0,078	0,299
CHR1	27540554	CHR1:27540554	SSF x Near_LoA	-6,0928873	-0,001	0,309
CHR1	27548553	CHR1:27548553	SSF x Near_LoA	-4,52219431	-0,119	0,305
CHR1	27548639	CHR1:27548639	SSF x Near_LoA	-10,8718589	-0,059	0,300
CHR1	27562659	CHR1:27562659	SSF x Near_LoA	-11,3081823	-0,067	0,301
CHR1	27562700	CHR1:27562700	SSF x Near_LoA	-10,8998746	-0,004	0,310
CHR1	27562749	CHR1:27562749	SSF x Near_LoA	1,8543309	0,160	0,296
CHR1	27563994	CHR1:27563994	SSF x Near_LoA	-10,5472277	0,136	0,296
CHR1	27564040	CHR1:27564040	SSF x Near_LoA	-10,2464514	0,048	0,305
CHR1	27564044	CHR1:27564044	SSF x Near_LoA	-9,31877022	0,064	0,295
CHR1	27564129	CHR1:27564129	SSF x Near_LoA	-10,0228522	-0,059	0,302
CHR1	27564157	CHR1:27564157	SSF x Near_LoA	-9,97962686	-0,005	0,315
CHR1	27564980	CHR1:27564980	SSF x Near_LoA	-5,63072845	0,025	0,301
CHR1	27565049	CHR1:27565049	SSF x Near_LoA	-10,6710476	-0,033	0,309

CHR1	2757162	CHR1:2757162	SSF x Near_LoA	-10,2272783	0,023	0,312
CHR1	27576464	CHR1:27576464	SSF x Near_LoA	-11,0207796	0,013	0,317
CHR1	27576466	CHR1:27576466	SSF x Near_LoA	-10,0767526	-0,002	0,295
CHR1	27576467	CHR1:27576467	SSF x Near_LoA	-10,2192258	0,020	0,292
CHR1	27576509	CHR1:27576509	SSF x Near_LoA	-8,13817751	0,111	0,307
CHR1	27576527	CHR1:27576527	SSF x Near_LoA	-6,21818474	0,155	0,289
CHR1	27576532	CHR1:27576532	SSF x Near_LoA	-9,21438541	-0,039	0,304
CHR1	27584636	CHR1:27584636	SSF x Near_LoA	-9,95773231	-0,016	0,317
CHR1	27590295	CHR1:27590295	SSF x Near_LoA	-9,33380198	-0,094	0,312
CHR1	27590370	CHR1:27590370	SSF x Near_LoA	-7,02525739	-0,088	0,304
CHR1	27607173	CHR1:27607173	SSF x Near_LoA	-9,70966997	-0,035	0,321
CHR1	27607253	CHR1:27607253	SSF x Near_LoA	-8,40321844	0,039	0,291
CHR1	27607330	CHR1:27607330	SSF x Near_LoA	-9,94149432	0,008	0,300
CHR1	27607331	CHR1:27607331	SSF x Near_LoA	-8,31168145	-0,009	0,307
CHR1	27607884	CHR1:27607884	SSF x Near_LoA	-9,82141172	-0,066	0,302
CHR1	27607927	CHR1:27607927	SSF x Near_LoA	-7,51733995	-0,005	0,298
CHR1	27617514	CHR1:27617514	SSF x Near_LoA	-9,79732941	0,009	0,315
CHR1	27617547	CHR1:27617547	SSF x Near_LoA	-11,4034949	-0,085	0,311
CHR1	27619677	CHR1:27619677	SSF x Near_LoA	-8,11214652	0,035	0,308
CHR1	27619761	CHR1:27619761	SSF x Near_LoA	-10,7710376	0,011	0,301
CHR1	27620791	CHR1:27620791	SSF x Near_LoA	-9,43003201	-0,189	0,305
CHR1	27623740	CHR1:27623740	SSF x Near_LoA	-9,52920943	0,054	0,306
CHR1	27623761	CHR1:27623761	SSF x Near_LoA	-10,9407758	-0,012	0,304
CHR1	27623903	CHR1:27623903	SSF x Near_LoA	-10,2732034	-0,085	0,309
CHR1	27623915	CHR1:27623915	SSF x Near_LoA	-6,24586306	-0,058	0,309
CHR1	27623916	CHR1:27623916	SSF x Near_LoA	-10,2508946	-0,032	0,322
CHR1	27623917	CHR1:27623917	SSF x Near_LoA	-10,3615635	-0,029	0,318
CHR1	27637957	CHR1:27637957	SSF x Near_LoA	-8,5379787	-0,053	0,315
CHR1	27637961	CHR1:27637961	SSF x Near_LoA	-9,40727439	-0,053	0,316
CHR1	27638626	CHR1:27638626	SSF x Near_LoA	-11,3017092	0,026	0,302
CHR1	27638627	CHR1:27638627	SSF x Near_LoA	-10,2522836	0,010	0,309
CHR1	27641538	CHR1:27641538	SSF x Near_LoA	-7,7763147	-0,082	0,301
CHR1	27646074	CHR1:27646074	SSF x Near_LoA	-9,7120646	-0,017	0,306
CHR1	27646080	CHR1:27646080	SSF x Near_LoA	-10,1977587	0,100	0,276
CHR1	27646109	CHR1:27646109	SSF x Near_LoA	-10,0083876	-0,064	0,311
CHR1	27646138	CHR1:27646138	SSF x Near_LoA	-9,63720177	0,121	0,297
CHR1	27646214	CHR1:27646214	SSF x Near_LoA	-11,0162916	0,006	0,320
CHR1	27655795	CHR1:27655795	SSF x Near_LoA	-9,90998186	0,038	0,299
CHR1	27655890	CHR1:27655890	SSF x Near_LoA	-8,61758406	0,031	0,310
CHR1	27659378	CHR1:27659378	SSF x Near_LoA	-10,1667576	-0,009	0,308
CHR1	27668561	CHR1:27668561	SSF x Near_LoA	-4,80595553	-0,160	0,304
CHR1	27668621	CHR1:27668621	SSF x Near_LoA	-8,80427796	0,001	0,303
CHR1	27668645	CHR1:27668645	SSF x Near_LoA	-8,01858848	0,116	0,298
CHR1	27668657	CHR1:27668657	SSF x Near_LoA	-8,86742629	-0,161	0,298
CHR1	27668682	CHR1:27668682	SSF x Near_LoA	-4,7054218	-0,173	0,311
CHR1	27684054	CHR1:27684054	SSF x Near_LoA	-10,8721113	-0,017	0,311
CHR1	27684104	CHR1:27684104	SSF x Near_LoA	-9,15474162	-0,062	0,280
CHR1	27684118	CHR1:27684118	SSF x Near_LoA	-8,64560645	-0,024	0,313
CHR1	27684120	CHR1:27684120	SSF x Near_LoA	-10,5975592	0,124	0,293
CHR1	27684167	CHR1:27684167	SSF x Near_LoA	-6,8908271	-0,127	0,307
CHR1	27684450	CHR1:27684450	SSF x Near_LoA	-9,57030255	-0,006	0,306
CHR1	27684534	CHR1:27684534	SSF x Near_LoA	-10,2192076	-0,054	0,314
CHR1	27713348	CHR1:27713348	SSF x Near_LoA	-9,34224792	-0,039	0,301

CHR1	27713382	CHR1:27713382	SSF x Near_LoA	-11,1814252	0,011	0,300
CHR1	27713394	CHR1:27713394	SSF x Near_LoA	-12,0062944	-0,059	0,302
CHR1	27713429	CHR1:27713429	SSF x Near_LoA	-9,56599745	0,028	0,301
CHR1	27713456	CHR1:27713456	SSF x Near_LoA	-8,77979366	0,032	0,316
CHR1	27713459	CHR1:27713459	SSF x Near_LoA	-6,36150375	-0,035	0,309
CHR1	27715998	CHR1:27715998	SSF x Near_LoA	-9,61678674	-0,052	0,306
CHR1	27716026	CHR1:27716026	SSF x Near_LoA	-11,4014287	0,030	0,313
CHR1	27716034	CHR1:27716034	SSF x Near_LoA	-10,5101051	0,058	0,298
CHR1	27716181	CHR1:27716181	SSF x Near_LoA	-9,24136365	-0,030	0,301
CHR1	27716188	CHR1:27716188	SSF x Near_LoA	-10,3854023	0,058	0,309
CHR1	2772782	CHR1:2772782	SSF x Near_LoA	-9,55909817	0,093	0,293
CHR1	2772965	CHR1:2772965	SSF x Near_LoA	-8,32123574	-0,068	0,286
CHR1	2773004	CHR1:2773004	SSF x Near_LoA	-9,26238267	-0,113	0,316
CHR1	2773087	CHR1:2773087	SSF x Near_LoA	-10,4608791	0,072	0,314
CHR1	27744950	CHR1:27744950	SSF x Near_LoA	-7,75137319	0,022	0,299
CHR1	27745105	CHR1:27745105	SSF x Near_LoA	-6,52018703	0,092	0,294
CHR1	27745206	CHR1:27745206	SSF x Near_LoA	-10,6988512	0,003	0,317
CHR1	27751437	CHR1:27751437	SSF x Near_LoA	-2,42946688	-0,170	0,316
CHR1	27751454	CHR1:27751454	SSF x Near_LoA	-9,78514675	-0,064	0,291
CHR1	27753051	CHR1:27753051	SSF x Near_LoA	-2,79874884	-0,057	0,316
CHR1	27753533	CHR1:27753533	SSF x Near_LoA	-7,38987588	-0,130	0,305
CHR1	27753579	CHR1:27753579	SSF x Near_LoA	-8,43962799	-0,101	0,290
CHR1	27756527	CHR1:27756527	SSF x Near_LoA	-10,4227692	-0,055	0,312
CHR1	27758532	CHR1:27758532	SSF x Near_LoA	-0,11525396	0,000	0,312
CHR1	27758546	CHR1:27758546	SSF x Near_LoA	-9,04231671	0,130	0,299
CHR1	27760861	CHR1:27760861	SSF x Near_LoA	-10,3067759	-0,063	0,310
CHR1	27760920	CHR1:27760920	SSF x Near_LoA	-11,3469261	0,114	0,301
CHR1	27763624	CHR1:27763624	SSF x Near_LoA	-9,04324981	-0,041	0,304
CHR1	27763827	CHR1:27763827	SSF x Near_LoA	-11,7823329	-0,042	0,312
CHR1	27769019	CHR1:27769019	SSF x Near_LoA	-10,5422016	-0,020	0,298
CHR1	27769129	CHR1:27769129	SSF x Near_LoA	-7,62122831	0,096	0,304
CHR1	27769145	CHR1:27769145	SSF x Near_LoA	-0,71461738	0,160	0,288
CHR1	27778716	CHR1:27778716	SSF x Near_LoA	-9,06674284	0,056	0,295
CHR1	27778732	CHR1:27778732	SSF x Near_LoA	-10,2508021	0,015	0,303
CHR1	27778745	CHR1:27778745	SSF x Near_LoA	-5,85979951	0,054	0,299
CHR1	27778753	CHR1:27778753	SSF x Near_LoA	-6,92373055	0,099	0,285
CHR1	27778769	CHR1:27778769	SSF x Near_LoA	-10,1036866	0,048	0,289
CHR1	27778794	CHR1:27778794	SSF x Near_LoA	-10,3855776	0,086	0,302
CHR1	27778839	CHR1:27778839	SSF x Near_LoA	-5,40517708	-0,039	0,316
CHR1	27778908	CHR1:27778908	SSF x Near_LoA	-10,7270382	0,040	0,322
CHR1	27778922	CHR1:27778922	SSF x Near_LoA	-9,88265342	0,121	0,312
CHR1	27778943	CHR1:27778943	SSF x Near_LoA	-7,93372978	-0,025	0,300
CHR1	27791531	CHR1:27791531	SSF x Near_LoA	-11,251351	0,049	0,283
CHR1	27791594	CHR1:27791594	SSF x Near_LoA	-9,46666246	-0,027	0,305
CHR1	27791620	CHR1:27791620	SSF x Near_LoA	-10,7919662	-0,037	0,296
CHR1	27791635	CHR1:27791635	SSF x Near_LoA	-10,2146002	-0,051	0,309
CHR1	27807859	CHR1:27807859	SSF x Near_LoA	-10,9134601	0,094	0,299
CHR1	27807961	CHR1:27807961	SSF x Near_LoA	-10,5984214	0,041	0,296
CHR1	27814788	CHR1:27814788	SSF x Near_LoA	-8,12500381	0,033	0,310
CHR1	27814818	CHR1:27814818	SSF x Near_LoA	-9,2564203	0,018	0,300
CHR1	27814875	CHR1:27814875	SSF x Near_LoA	-8,41451794	0,072	0,305
CHR1	27814883	CHR1:27814883	SSF x Near_LoA	-8,30661496	0,088	0,317
CHR1	27814909	CHR1:27814909	SSF x Near_LoA	-10,6356887	0,022	0,287

CHR1	27814930	CHR1:27814930	SSF x Near_LoA	-6,10650018	0,200	0,306
CHR1	27819056	CHR1:27819056	SSF x Near_LoA	-8,00453063	0,078	0,303
CHR1	27819105	CHR1:27819105	SSF x Near_LoA	-9,16979279	0,034	0,311
CHR1	27824766	CHR1:27824766	SSF x Near_LoA	-9,85441862	-0,002	0,313
CHR1	27830306	CHR1:27830306	SSF x Near_LoA	-7,85252999	0,069	0,295
CHR1	27830318	CHR1:27830318	SSF x Near_LoA	-11,4303688	-0,015	0,309
CHR1	27830329	CHR1:27830329	SSF x Near_LoA	-9,00693145	0,124	0,292
CHR1	27830362	CHR1:27830362	SSF x Near_LoA	-9,59789983	-0,101	0,296
CHR1	27830394	CHR1:27830394	SSF x Near_LoA	-10,0823277	-0,028	0,296
CHR1	2783327	CHR1:2783327	SSF x Near_LoA	-11,4272361	-0,076	0,307
CHR1	2783450	CHR1:2783450	SSF x Near_LoA	-11,219907	0,065	0,307
CHR1	27834619	CHR1:27834619	SSF x Near_LoA	-7,30602447	-0,160	0,299
CHR1	27834649	CHR1:27834649	SSF x Near_LoA	-8,72540889	-0,011	0,302
CHR1	2783494	CHR1:2783494	SSF x Near_LoA	-7,9836093	-0,028	0,317
CHR1	27836010	CHR1:27836010	SSF x Near_LoA	-8,16721702	0,004	0,307
CHR1	27836018	CHR1:27836018	SSF x Near_LoA	-5,86937051	0,089	0,302
CHR1	27836039	CHR1:27836039	SSF x Near_LoA	-11,4726464	-0,114	0,306
CHR1	27836114	CHR1:27836114	SSF x Near_LoA	-10,2879136	0,090	0,316
CHR1	27841412	CHR1:27841412	SSF x Near_LoA	-7,62613168	-0,023	0,318
CHR1	27841528	CHR1:27841528	SSF x Near_LoA	-10,5250615	0,117	0,309
CHR1	27841592	CHR1:27841592	SSF x Near_LoA	-8,78039602	0,178	0,297
CHR1	27841623	CHR1:27841623	SSF x Near_LoA	-8,26636825	-0,050	0,307
CHR1	27853452	CHR1:27853452	SSF x Near_LoA	-11,7898749	-0,013	0,308
CHR1	27853571	CHR1:27853571	SSF x Near_LoA	-8,22290189	-0,092	0,295
CHR1	27876966	CHR1:27876966	SSF x Near_LoA	-7,95098553	0,046	0,306
CHR1	27876987	CHR1:27876987	SSF x Near_LoA	-8,88597322	0,051	0,310
CHR1	27876998	CHR1:27876998	SSF x Near_LoA	-9,79266082	0,025	0,317
CHR1	27877029	CHR1:27877029	SSF x Near_LoA	-7,36856468	-0,221	0,302
CHR1	27877062	CHR1:27877062	SSF x Near_LoA	-9,25886477	0,049	0,320
CHR1	27877142	CHR1:27877142	SSF x Near_LoA	-11,2355745	0,025	0,308
CHR1	27877266	CHR1:27877266	SSF x Near_LoA	-12,2334679	-0,024	0,306
CHR1	27877313	CHR1:27877313	SSF x Near_LoA	-9,74207612	0,013	0,310
CHR1	27880823	CHR1:27880823	SSF x Near_LoA	-9,31404776	-0,076	0,301
CHR1	27885028	CHR1:27885028	SSF x Near_LoA	-7,91618738	0,169	0,304
CHR1	27885078	CHR1:27885078	SSF x Near_LoA	-8,87029814	0,007	0,302
CHR1	27885113	CHR1:27885113	SSF x Near_LoA	-1,12546127	0,126	0,302
CHR1	27885165	CHR1:27885165	SSF x Near_LoA	-8,86162958	0,026	0,312
CHR1	27885167	CHR1:27885167	SSF x Near_LoA	-7,26651414	-0,169	0,309
CHR1	27887804	CHR1:27887804	SSF x Near_LoA	-7,92377854	-0,034	0,308
CHR1	27887839	CHR1:27887839	SSF x Near_LoA	-7,77316062	-0,035	0,317
CHR1	27888070	CHR1:27888070	SSF x Near_LoA	-9,39421719	-0,067	0,302
CHR1	27888160	CHR1:27888160	SSF x Near_LoA	-9,53918629	-0,074	0,293
CHR1	27899390	CHR1:27899390	SSF x Near_LoA	-9,63759557	-0,019	0,289
CHR1	27899457	CHR1:27899457	SSF x Near_LoA	-8,78497278	-0,123	0,297
CHR1	27899499	CHR1:27899499	SSF x Near_LoA	-9,06714482	-0,097	0,318
CHR1	27899554	CHR1:27899554	SSF x Near_LoA	-10,9258312	0,000	0,319
CHR1	27899572	CHR1:27899572	SSF x Near_LoA	-10,546693	-0,029	0,318
CHR1	27907756	CHR1:27907756	SSF x Near_LoA	-9,78634466	0,035	0,317
CHR1	27907913	CHR1:27907913	SSF x Near_LoA	-9,51917861	0,021	0,287
CHR1	27907951	CHR1:27907951	SSF x Near_LoA	-10,6535015	0,079	0,300
CHR1	27907969	CHR1:27907969	SSF x Near_LoA	-3,26200971	-0,057	0,309
CHR1	27933551	CHR1:27933551	SSF x Near_LoA	-8,61932278	-0,095	0,311
CHR1	27935276	CHR1:27935276	SSF x Near_LoA	-7,67493996	-0,125	0,300

CHR1	27935304	CHR1:27935304	SSF x Near_LoA	-8,21628552	0,109	0,303
CHR1	27935317	CHR1:27935317	SSF x Near_LoA	-10,2758616	0,024	0,296
CHR1	27935334	CHR1:27935334	SSF x Near_LoA	-9,07107041	0,010	0,309
CHR1	27937745	CHR1:27937745	SSF x Near_LoA	-8,27932637	0,067	0,307
CHR1	27937756	CHR1:27937756	SSF x Near_LoA	-7,22358486	-0,071	0,307
CHR1	27937767	CHR1:27937767	SSF x Near_LoA	-7,15241618	-0,046	0,316
CHR1	27944211	CHR1:27944211	SSF x Near_LoA	-7,90912688	-0,083	0,311
CHR1	27954366	CHR1:27954366	SSF x Near_LoA	-10,8810091	-0,063	0,305
CHR1	27954375	CHR1:27954375	SSF x Near_LoA	-7,06115138	0,116	0,305
CHR1	27957630	CHR1:27957630	SSF x Near_LoA	-8,23589426	-0,004	0,304
CHR1	27957655	CHR1:27957655	SSF x Near_LoA	-9,01232654	0,116	0,308
CHR1	27957678	CHR1:27957678	SSF x Near_LoA	-9,82432975	0,071	0,292
CHR1	27957684	CHR1:27957684	SSF x Near_LoA	-4,88027182	0,107	0,301
CHR1	27957686	CHR1:27957686	SSF x Near_LoA	-7,84639724	0,119	0,310
CHR1	27957699	CHR1:27957699	SSF x Near_LoA	-8,56170037	0,048	0,307
CHR1	27957704	CHR1:27957704	SSF x Near_LoA	-10,0473653	-0,059	0,304
CHR1	27957747	CHR1:27957747	SSF x Near_LoA	-9,43458644	0,127	0,318
CHR1	2796235	CHR1:2796235	SSF x Near_LoA	-6,24642654	0,167	0,298
CHR1	2796251	CHR1:2796251	SSF x Near_LoA	-8,86222183	0,058	0,319
CHR1	2796259	CHR1:2796259	SSF x Near_LoA	-8,65192462	0,034	0,306
CHR1	2796598	CHR1:2796598	SSF x Near_LoA	-7,21067664	0,157	0,288
CHR1	27974773	CHR1:27974773	SSF x Near_LoA	-7,34769777	0,037	0,305
CHR1	27974785	CHR1:27974785	SSF x Near_LoA	-6,36512967	0,040	0,305
CHR1	27974822	CHR1:27974822	SSF x Near_LoA	-5,09358147	0,096	0,326
CHR1	27974847	CHR1:27974847	SSF x Near_LoA	-8,54052424	0,050	0,305
CHR1	27974871	CHR1:27974871	SSF x Near_LoA	-10,878014	0,034	0,294
CHR1	27974902	CHR1:27974902	SSF x Near_LoA	-9,21007437	-0,024	0,314
CHR1	27974951	CHR1:27974951	SSF x Near_LoA	-9,65936931	-0,120	0,298
CHR1	27987411	CHR1:27987411	SSF x Near_LoA	-9,82734871	-0,086	0,308
CHR1	27990352	CHR1:27990352	SSF x Near_LoA	-7,16449352	0,100	0,302
CHR1	27990380	CHR1:27990380	SSF x Near_LoA	-9,37255028	-0,048	0,317
CHR1	27990414	CHR1:27990414	SSF x Near_LoA	-8,85723025	0,032	0,303
CHR1	27990452	CHR1:27990452	SSF x Near_LoA	-6,94299224	-0,006	0,307
CHR1	27995483	CHR1:27995483	SSF x Near_LoA	-0,07361508	-0,122	0,305
CHR1	27995506	CHR1:27995506	SSF x Near_LoA	-8,70519039	-0,011	0,308
CHR1	27995525	CHR1:27995525	SSF x Near_LoA	-6,80819408	0,177	0,294
CHR1	27995549	CHR1:27995549	SSF x Near_LoA	-8,79674395	-0,084	0,295
CHR1	27995594	CHR1:27995594	SSF x Near_LoA	-9,8874398	-0,139	0,307
CHR1	27995599	CHR1:27995599	SSF x Near_LoA	-8,07940457	0,059	0,307
CHR1	27995605	CHR1:27995605	SSF x Near_LoA	-10,1557116	0,088	0,284
CHR1	27995612	CHR1:27995612	SSF x Near_LoA	-7,89353311	-0,115	0,313
CHR1	27999478	CHR1:27999478	SSF x Near_LoA	-8,57547613	0,118	0,302
CHR1	27999541	CHR1:27999541	SSF x Near_LoA	-6,1996324	0,137	0,302
CHR1	27999548	CHR1:27999548	SSF x Near_LoA	-9,68795615	0,058	0,298
CHR1	27999550	CHR1:27999550	SSF x Near_LoA	-8,73589367	0,068	0,308
CHR1	27999576	CHR1:27999576	SSF x Near_LoA	-7,61572486	0,094	0,317
CHR1	27999585	CHR1:27999585	SSF x Near_LoA	-8,65337558	0,007	0,319
CHR1	27999863	CHR1:27999863	SSF x Near_LoA	-8,83197298	0,066	0,310
CHR1	27999921	CHR1:27999921	SSF x Near_LoA	-8,80159136	-0,076	0,313
CHR1	27999940	CHR1:27999940	SSF x Near_LoA	-6,58332197	-0,090	0,315
CHR1	27999982	CHR1:27999982	SSF x Near_LoA	-10,7170193	0,091	0,305
CHR1	2800855	CHR1:2800855	SSF x Near_LoA	-8,70139175	-0,116	0,296
CHR1	2800947	CHR1:2800947	SSF x Near_LoA	-9,08349426	-0,051	0,305

CHR1	28010159	CHR1:28010159	SSF x Near_LoA	-11,7527984	0,009	0,313
CHR1	28010165	CHR1:28010165	SSF x Near_LoA	-10,0291139	0,113	0,304
CHR1	28010186	CHR1:28010186	SSF x Near_LoA	-12,1116411	-0,055	0,298
CHR1	28011063	CHR1:28011063	SSF x Near_LoA	-10,9009727	-0,058	0,313
CHR1	2802817	CHR1:2802817	SSF x Near_LoA	-10,1494459	0,066	0,301
CHR1	2802891	CHR1:2802891	SSF x Near_LoA	-6,80093617	-0,150	0,300
CHR1	28029493	CHR1:28029493	SSF x Near_LoA	-8,55987402	0,141	0,309
CHR1	2803061	CHR1:2803061	SSF x Near_LoA	-10,0027773	0,076	0,310
CHR1	28033732	CHR1:28033732	SSF x Near_LoA	-8,03207618	0,030	0,313
CHR1	28033739	CHR1:28033739	SSF x Near_LoA	-8,00422489	0,021	0,319
CHR1	28042550	CHR1:28042550	SSF x Near_LoA	-7,1954457	-0,071	0,307
CHR1	28042558	CHR1:28042558	SSF x Near_LoA	-9,52795349	0,108	0,297
CHR1	28042587	CHR1:28042587	SSF x Near_LoA	-10,0126821	0,059	0,302
CHR1	28042604	CHR1:28042604	SSF x Near_LoA	-8,55488989	0,073	0,306
CHR1	28042612	CHR1:28042612	SSF x Near_LoA	-9,79523835	-0,056	0,316
CHR1	28042625	CHR1:28042625	SSF x Near_LoA	-11,5381084	-0,048	0,290
CHR1	28042649	CHR1:28042649	SSF x Near_LoA	-1,0937777	0,011	0,312
CHR1	28042695	CHR1:28042695	SSF x Near_LoA	-9,58525052	-0,056	0,307
CHR1	28045123	CHR1:28045123	SSF x Near_LoA	-6,15856687	-0,142	0,307
CHR1	28045197	CHR1:28045197	SSF x Near_LoA	-11,8982536	0,075	0,302
CHR1	28045223	CHR1:28045223	SSF x Near_LoA	-9,59438085	0,057	0,304
CHR1	28045233	CHR1:28045233	SSF x Near_LoA	-7,12392397	0,041	0,318
CHR1	28045234	CHR1:28045234	SSF x Near_LoA	-7,89593061	0,068	0,311
CHR1	28047499	CHR1:28047499	SSF x Near_LoA	-5,09050506	-0,040	0,301
CHR1	28047528	CHR1:28047528	SSF x Near_LoA	-9,15885335	0,119	0,297
CHR1	28047598	CHR1:28047598	SSF x Near_LoA	-12,4128476	-0,009	0,302
CHR1	28053297	CHR1:28053297	SSF x Near_LoA	-7,5795012	-0,015	0,316
CHR1	28053387	CHR1:28053387	SSF x Near_LoA	-8,6878305	-0,066	0,317
CHR1	28060554	CHR1:28060554	SSF x Near_LoA	-5,30259597	0,177	0,307
CHR1	28060559	CHR1:28060559	SSF x Near_LoA	-11,2883481	-0,001	0,315
CHR1	28062160	CHR1:28062160	SSF x Near_LoA	-8,86540706	-0,118	0,304
CHR1	28062185	CHR1:28062185	SSF x Near_LoA	-7,77489611	-0,143	0,291
CHR1	28062187	CHR1:28062187	SSF x Near_LoA	-6,69745022	-0,154	0,283
CHR1	28062231	CHR1:28062231	SSF x Near_LoA	-10,9920818	0,106	0,313
CHR1	28064823	CHR1:28064823	SSF x Near_LoA	-9,11154764	0,080	0,299
CHR1	28064972	CHR1:28064972	SSF x Near_LoA	-9,94895949	-0,108	0,312
CHR1	28064976	CHR1:28064976	SSF x Near_LoA	-10,1974065	-0,024	0,306
CHR1	28068495	CHR1:28068495	SSF x Near_LoA	-8,16863406	0,120	0,309
CHR1	28068523	CHR1:28068523	SSF x Near_LoA	-8,28920835	0,010	0,295
CHR1	28068538	CHR1:28068538	SSF x Near_LoA	1,49404788	0,026	0,311
CHR1	28077338	CHR1:28077338	SSF x Near_LoA	-6,59447776	-0,014	0,309
CHR1	28082422	CHR1:28082422	SSF x Near_LoA	-9,65277161	0,064	0,326
CHR1	28082450	CHR1:28082450	SSF x Near_LoA	-11,0697062	0,064	0,298
CHR1	28082530	CHR1:28082530	SSF x Near_LoA	-10,905722	0,011	0,299
CHR1	28084719	CHR1:28084719	SSF x Near_LoA	-10,3671262	0,043	0,299
CHR1	28092032	CHR1:28092032	SSF x Near_LoA	-6,54721452	0,103	0,313
CHR1	28092185	CHR1:28092185	SSF x Near_LoA	-11,3736675	0,023	0,301
CHR1	28100955	CHR1:28100955	SSF x Near_LoA	-12,077585	-0,019	0,308
CHR1	28100976	CHR1:28100976	SSF x Near_LoA	-8,98357233	0,021	0,332
CHR1	2811482	CHR1:2811482	SSF x Near_LoA	-10,8728531	0,040	0,310
CHR1	2811511	CHR1:2811511	SSF x Near_LoA	-7,1345996	0,019	0,303
CHR1	2811579	CHR1:2811579	SSF x Near_LoA	-10,743011	-0,103	0,293
CHR1	2811584	CHR1:2811584	SSF x Near_LoA	-9,89986782	-0,020	0,315

CHR1	2811593	CHR1:2811593	SSF x Near_LoA	-10,5230986	-0,080	0,313
CHR1	2811607	CHR1:2811607	SSF x Near_LoA	-7,82139704	-0,107	0,305
CHR1	28122166	CHR1:28122166	SSF x Near_LoA	-11,9959668	-0,025	0,288
CHR1	28124436	CHR1:28124436	SSF x Near_LoA	-6,86518658	-0,074	0,305
CHR1	28124470	CHR1:28124470	SSF x Near_LoA	-11,5520747	0,011	0,305
CHR1	28129773	CHR1:28129773	SSF x Near_LoA	-5,15224828	0,040	0,293
CHR1	28134761	CHR1:28134761	SSF x Near_LoA	-11,3706255	0,022	0,325
CHR1	28135364	CHR1:28135364	SSF x Near_LoA	-8,6558083	0,101	0,310
CHR1	28139498	CHR1:28139498	SSF x Near_LoA	-11,1390614	-0,071	0,306
CHR1	28139507	CHR1:28139507	SSF x Near_LoA	-11,5115586	-0,029	0,312
CHR1	28145798	CHR1:28145798	SSF x Near_LoA	-11,7463638	0,045	0,301
CHR1	28158392	CHR1:28158392	SSF x Near_LoA	-8,87671012	0,016	0,301
CHR1	28158471	CHR1:28158471	SSF x Near_LoA	-7,56747105	-0,188	0,294
CHR1	28158544	CHR1:28158544	SSF x Near_LoA	-8,14604257	0,155	0,311
CHR1	28171188	CHR1:28171188	SSF x Near_LoA	-8,24857649	0,068	0,323
CHR1	28171237	CHR1:28171237	SSF x Near_LoA	-10,3343962	-0,004	0,311
CHR1	28171257	CHR1:28171257	SSF x Near_LoA	-9,42274984	0,000	0,304
CHR1	28171277	CHR1:28171277	SSF x Near_LoA	-8,74110129	-0,067	0,318
CHR1	28171401	CHR1:28171401	SSF x Near_LoA	-10,6204198	-0,076	0,302
CHR1	28180971	CHR1:28180971	SSF x Near_LoA	-8,52057975	-0,099	0,307
CHR1	28181186	CHR1:28181186	SSF x Near_LoA	-9,78480465	-0,033	0,313
CHR1	28194282	CHR1:28194282	SSF x Near_LoA	-8,48478463	0,180	0,292
CHR1	28194311	CHR1:28194311	SSF x Near_LoA	-9,50079493	-0,042	0,302
CHR1	28194340	CHR1:28194340	SSF x Near_LoA	-3,37205666	0,028	0,317
CHR1	28198516	CHR1:28198516	SSF x Near_LoA	-9,55990452	-0,012	0,317
CHR1	28198775	CHR1:28198775	SSF x Near_LoA	-9,39854195	0,027	0,311
CHR1	28204857	CHR1:28204857	SSF x Near_LoA	-8,7506087	0,029	0,307
CHR1	28204975	CHR1:28204975	SSF x Near_LoA	-10,7005873	-0,074	0,311
CHR1	28204977	CHR1:28204977	SSF x Near_LoA	-9,97952052	0,057	0,312
CHR1	28205249	CHR1:28205249	SSF x Near_LoA	-6,04053258	0,011	0,314
CHR1	28214157	CHR1:28214157	SSF x Near_LoA	-8,11994323	0,059	0,302
CHR1	28243542	CHR1:28243542	SSF x Near_LoA	-11,1721611	0,003	0,309
CHR1	28243658	CHR1:28243658	SSF x Near_LoA	-5,89933394	-0,166	0,308
CHR1	28249143	CHR1:28249143	SSF x Near_LoA	-8,05221724	-0,001	0,312
CHR1	28249154	CHR1:28249154	SSF x Near_LoA	-8,99553423	0,002	0,313
CHR1	28249451	CHR1:28249451	SSF x Near_LoA	-8,52536213	-0,005	0,318
CHR1	28249452	CHR1:28249452	SSF x Near_LoA	-9,45161567	0,000	0,312
CHR1	28276325	CHR1:28276325	SSF x Near_LoA	-8,8402172	0,054	0,315
CHR1	28294006	CHR1:28294006	SSF x Near_LoA	-10,6068464	0,011	0,310
CHR1	2829827	CHR1:2829827	SSF x Near_LoA	-10,3363443	-0,057	0,315
CHR1	28324470	CHR1:28324470	SSF x Near_LoA	-7,29546619	0,116	0,298
CHR1	28324503	CHR1:28324503	SSF x Near_LoA	-10,9987922	-0,085	0,303
CHR1	28324654	CHR1:28324654	SSF x Near_LoA	-9,60568822	-0,021	0,313
CHR1	28332183	CHR1:28332183	SSF x Near_LoA	-9,94302029	0,035	0,305
CHR1	28332185	CHR1:28332185	SSF x Near_LoA	-10,0245004	0,061	0,325
CHR1	28332190	CHR1:28332190	SSF x Near_LoA	-8,47755489	-0,038	0,322
CHR1	28332227	CHR1:28332227	SSF x Near_LoA	-7,82885881	-0,107	0,301
CHR1	28332267	CHR1:28332267	SSF x Near_LoA	-7,66182557	0,074	0,308
CHR1	28333531	CHR1:28333531	SSF x Near_LoA	-11,4334417	0,000	0,313
CHR1	28333560	CHR1:28333560	SSF x Near_LoA	-10,5321435	0,048	0,311
CHR1	28339706	CHR1:28339706	SSF x Near_LoA	-9,72633154	-0,059	0,316
CHR1	28339771	CHR1:28339771	SSF x Near_LoA	-10,4581198	-0,101	0,304
CHR1	2834886	CHR1:2834886	SSF x Near_LoA	-10,1810053	-0,105	0,286

CHR1	2834998	CHR1:2834998	SSF x Near_LoA	-7,17070124	-0,141	0,299
CHR1	28350319	CHR1:28350319	SSF x Near_LoA	-9,98771381	-0,114	0,316
CHR1	28350345	CHR1:28350345	SSF x Near_LoA	-9,70366737	0,054	0,311
CHR1	28387923	CHR1:28387923	SSF x Near_LoA	-10,1001434	0,073	0,305
CHR1	28387934	CHR1:28387934	SSF x Near_LoA	-10,2326815	0,121	0,296
CHR1	283960	CHR1:283960	SSF x Near_LoA	-8,865013	0,014	0,308
CHR1	28401974	CHR1:28401974	SSF x Near_LoA	-9,4800547	0,051	0,310
CHR1	2841750	CHR1:2841750	SSF x Near_LoA	-8,78730084	-0,051	0,313
CHR1	2841905	CHR1:2841905	SSF x Near_LoA	-10,3740299	0,024	0,311
CHR1	2841949	CHR1:2841949	SSF x Near_LoA	-7,00055718	-0,154	0,299
CHR1	28423890	CHR1:28423890	SSF x Near_LoA	-8,97180488	0,035	0,306
CHR1	28423935	CHR1:28423935	SSF x Near_LoA	-10,0930195	0,028	0,300
CHR1	28423940	CHR1:28423940	SSF x Near_LoA	-7,00280097	-0,124	0,290
CHR1	28424687	CHR1:28424687	SSF x Near_LoA	-11,0312895	0,012	0,317
CHR1	28427402	CHR1:28427402	SSF x Near_LoA	-8,91026465	0,107	0,305
CHR1	28427426	CHR1:28427426	SSF x Near_LoA	-8,7915768	0,105	0,300
CHR1	28427441	CHR1:28427441	SSF x Near_LoA	-9,54268872	0,037	0,312
CHR1	28427517	CHR1:28427517	SSF x Near_LoA	-9,30803605	-0,139	0,302
CHR1	28427525	CHR1:28427525	SSF x Near_LoA	1,41864321	0,247	0,281
CHR1	28427534	CHR1:28427534	SSF x Near_LoA	-10,8806804	0,058	0,315
CHR1	28427584	CHR1:28427584	SSF x Near_LoA	-7,52767586	0,110	0,299
CHR1	28437147	CHR1:28437147	SSF x Near_LoA	-8,5647547	0,004	0,303
CHR1	28437249	CHR1:28437249	SSF x Near_LoA	-9,01476143	0,057	0,301
CHR1	28438441	CHR1:28438441	SSF x Near_LoA	-10,6479332	0,013	0,303
CHR1	28444521	CHR1:28444521	SSF x Near_LoA	-9,85795819	-0,016	0,300
CHR1	28445390	CHR1:28445390	SSF x Near_LoA	-11,0732291	0,091	0,310
CHR1	2845209	CHR1:2845209	SSF x Near_LoA	-10,2189664	-0,052	0,305
CHR1	2845263	CHR1:2845263	SSF x Near_LoA	-8,6738392	0,062	0,310
CHR1	28458674	CHR1:28458674	SSF x Near_LoA	-10,456352	0,019	0,308
CHR1	28470310	CHR1:28470310	SSF x Near_LoA	-10,7641651	-0,067	0,311
CHR1	28470312	CHR1:28470312	SSF x Near_LoA	-9,66030936	0,083	0,300
CHR1	28483158	CHR1:28483158	SSF x Near_LoA	-11,767802	0,037	0,301
CHR1	28483188	CHR1:28483188	SSF x Near_LoA	-11,8144381	-0,002	0,309
CHR1	28483252	CHR1:28483252	SSF x Near_LoA	-7,71722048	0,000	0,331
CHR1	28483337	CHR1:28483337	SSF x Near_LoA	-11,48171	0,056	0,285
CHR1	28489751	CHR1:28489751	SSF x Near_LoA	-10,2120578	-0,015	0,317
CHR1	28489917	CHR1:28489917	SSF x Near_LoA	-8,02566872	0,089	0,291
CHR1	28491212	CHR1:28491212	SSF x Near_LoA	-8,13229349	-0,038	0,311
CHR1	28491234	CHR1:28491234	SSF x Near_LoA	-10,7796701	0,093	0,295
CHR1	28491280	CHR1:28491280	SSF x Near_LoA	-9,17732641	-0,030	0,313
CHR1	28491325	CHR1:28491325	SSF x Near_LoA	-7,03537771	-0,191	0,288
CHR1	28491348	CHR1:28491348	SSF x Near_LoA	-11,9350223	-0,047	0,302
CHR1	28507522	CHR1:28507522	SSF x Near_LoA	-9,90356024	-0,017	0,306
CHR1	28507695	CHR1:28507695	SSF x Near_LoA	-3,93898629	0,188	0,301
CHR1	28509068	CHR1:28509068	SSF x Near_LoA	-5,35325235	0,157	0,317
CHR1	28509113	CHR1:28509113	SSF x Near_LoA	-9,22445531	-0,085	0,313
CHR1	28509114	CHR1:28509114	SSF x Near_LoA	-10,2461034	-0,027	0,318
CHR1	28509133	CHR1:28509133	SSF x Near_LoA	-9,02837189	-0,087	0,305
CHR1	28509867	CHR1:28509867	SSF x Near_LoA	-8,51630256	0,065	0,309
CHR1	28514006	CHR1:28514006	SSF x Near_LoA	-9,79286411	0,015	0,309
CHR1	2854128	CHR1:2854128	SSF x Near_LoA	-9,39526854	-0,055	0,330
CHR1	2854442	CHR1:2854442	SSF x Near_LoA	-9,68481264	-0,017	0,319
CHR1	28552849	CHR1:28552849	SSF x Near_LoA	-8,28135602	-0,062	0,319

CHR1	28563203	CHR1:28563203	SSF x Near_LoA	-9,19877902	0,202	0,302
CHR1	28563219	CHR1:28563219	SSF x Near_LoA	-8,40794322	0,005	0,314
CHR1	28563275	CHR1:28563275	SSF x Near_LoA	-10,1313601	-0,022	0,305
CHR1	28563276	CHR1:28563276	SSF x Near_LoA	-11,3172757	-0,013	0,301
CHR1	28563288	CHR1:28563288	SSF x Near_LoA	-10,5294922	0,107	0,298
CHR1	28563334	CHR1:28563334	SSF x Near_LoA	-10,3060806	-0,060	0,306
CHR1	28568886	CHR1:28568886	SSF x Near_LoA	-11,5151851	0,014	0,312
CHR1	28568905	CHR1:28568905	SSF x Near_LoA	-6,89352832	-0,137	0,292
CHR1	28581937	CHR1:28581937	SSF x Near_LoA	-8,49745403	-0,026	0,301
CHR1	28581993	CHR1:28581993	SSF x Near_LoA	-8,61611039	0,017	0,312
CHR1	28582025	CHR1:28582025	SSF x Near_LoA	-5,49956971	0,117	0,296
CHR1	28582058	CHR1:28582058	SSF x Near_LoA	-3,97439361	0,127	0,314
CHR1	28582062	CHR1:28582062	SSF x Near_LoA	-7,84982721	0,122	0,309
CHR1	28582074	CHR1:28582074	SSF x Near_LoA	-10,2848089	0,054	0,306
CHR1	28582118	CHR1:28582118	SSF x Near_LoA	-11,3494786	-0,012	0,320
CHR1	28582143	CHR1:28582143	SSF x Near_LoA	-10,5039197	-0,007	0,319
CHR1	28583536	CHR1:28583536	SSF x Near_LoA	-11,8805989	0,054	0,317
CHR1	28589981	CHR1:28589981	SSF x Near_LoA	-8,88656139	0,051	0,309
CHR1	28590325	CHR1:28590325	SSF x Near_LoA	-6,18855172	0,185	0,292
CHR1	28590345	CHR1:28590345	SSF x Near_LoA	-8,94544899	0,100	0,290
CHR1	28590360	CHR1:28590360	SSF x Near_LoA	-8,07558919	-0,011	0,300
CHR1	28590380	CHR1:28590380	SSF x Near_LoA	-6,75216147	0,129	0,303
CHR1	28590383	CHR1:28590383	SSF x Near_LoA	-9,01838787	-0,052	0,316
CHR1	28595452	CHR1:28595452	SSF x Near_LoA	-6,4999549	-0,004	0,312
CHR1	28595454	CHR1:28595454	SSF x Near_LoA	-10,9119893	-0,079	0,305
CHR1	2859847	CHR1:2859847	SSF x Near_LoA	-10,9120356	-0,087	0,321
CHR1	2859884	CHR1:2859884	SSF x Near_LoA	-8,6425241	0,103	0,291
CHR1	2859938	CHR1:2859938	SSF x Near_LoA	-8,34677577	-0,092	0,307
CHR1	2859951	CHR1:2859951	SSF x Near_LoA	-10,8004175	0,015	0,307
CHR1	28600359	CHR1:28600359	SSF x Near_LoA	-9,534374	-0,003	0,307
CHR1	28610704	CHR1:28610704	SSF x Near_LoA	-9,70194575	-0,063	0,305
CHR1	28612783	CHR1:28612783	SSF x Near_LoA	-9,52874785	0,021	0,292
CHR1	28612848	CHR1:28612848	SSF x Near_LoA	-8,44613177	0,080	0,305
CHR1	28626995	CHR1:28626995	SSF x Near_LoA	-8,69721001	-0,089	0,302
CHR1	28627019	CHR1:28627019	SSF x Near_LoA	-9,33611542	-0,020	0,314
CHR1	28638344	CHR1:28638344	SSF x Near_LoA	-11,1860017	-0,027	0,307
CHR1	28638516	CHR1:28638516	SSF x Near_LoA	-10,4305768	0,005	0,307
CHR1	28638535	CHR1:28638535	SSF x Near_LoA	-9,47017856	-0,047	0,315
CHR1	28638559	CHR1:28638559	SSF x Near_LoA	-8,05591248	-0,099	0,308
CHR1	28638569	CHR1:28638569	SSF x Near_LoA	-8,68658318	-0,029	0,326
CHR1	28648113	CHR1:28648113	SSF x Near_LoA	-9,19519787	0,022	0,305
CHR1	28648203	CHR1:28648203	SSF x Near_LoA	-10,2562298	0,019	0,302
CHR1	28648220	CHR1:28648220	SSF x Near_LoA	-8,88478199	0,099	0,305
CHR1	28693483	CHR1:28693483	SSF x Near_LoA	-6,55791765	0,166	0,308
CHR1	28694612	CHR1:28694612	SSF x Near_LoA	-8,04678614	-0,155	0,296
CHR1	28694744	CHR1:28694744	SSF x Near_LoA	-10,1579525	0,022	0,315
CHR1	28699802	CHR1:28699802	SSF x Near_LoA	-8,26566642	-0,091	0,303
CHR1	28699809	CHR1:28699809	SSF x Near_LoA	-9,10712549	0,123	0,311
CHR1	28699820	CHR1:28699820	SSF x Near_LoA	-5,67213057	0,084	0,299
CHR1	28699880	CHR1:28699880	SSF x Near_LoA	-10,5486923	-0,053	0,298
CHR1	28700085	CHR1:28700085	SSF x Near_LoA	-9,42572484	-0,026	0,296
CHR1	28700089	CHR1:28700089	SSF x Near_LoA	-9,99969468	-0,041	0,305
CHR1	2870083	CHR1:2870083	SSF x Near_LoA	-6,54777378	0,080	0,309

CHR1	2870098	CHR1:2870098	SSF x Near_LoA	-6,70333629	0,126	0,312
CHR1	2870200	CHR1:2870200	SSF x Near_LoA	-9,6420726	0,011	0,326
CHR1	2870205	CHR1:2870205	SSF x Near_LoA	-6,30677044	-0,095	0,287
CHR1	28706299	CHR1:28706299	SSF x Near_LoA	-8,50198619	0,070	0,296
CHR1	28706318	CHR1:28706318	SSF x Near_LoA	-9,57659041	-0,060	0,304
CHR1	28706327	CHR1:28706327	SSF x Near_LoA	-7,20537332	-0,094	0,311
CHR1	28706389	CHR1:28706389	SSF x Near_LoA	-6,78173877	0,085	0,303
CHR1	28709159	CHR1:28709159	SSF x Near_LoA	-9,12704427	-0,015	0,310
CHR1	28709171	CHR1:28709171	SSF x Near_LoA	-9,0694869	0,008	0,319
CHR1	28712316	CHR1:28712316	SSF x Near_LoA	-11,4871021	-0,036	0,306
CHR1	28712451	CHR1:28712451	SSF x Near_LoA	-9,62450326	-0,085	0,299
CHR1	28712479	CHR1:28712479	SSF x Near_LoA	-7,82261054	0,078	0,309
CHR1	28712553	CHR1:28712553	SSF x Near_LoA	-6,53841405	-0,128	0,303
CHR1	28712565	CHR1:28712565	SSF x Near_LoA	-10,4150058	0,042	0,300
CHR1	28715018	CHR1:28715018	SSF x Near_LoA	-10,4239136	0,072	0,310
CHR1	2872913	CHR1:2872913	SSF x Near_LoA	-9,55103358	0,127	0,285
CHR1	2872923	CHR1:2872923	SSF x Near_LoA	-9,70213007	0,051	0,310
CHR1	2872985	CHR1:2872985	SSF x Near_LoA	-8,31477363	-0,085	0,300
CHR1	2873008	CHR1:2873008	SSF x Near_LoA	-9,74562582	-0,025	0,308
CHR1	2873024	CHR1:2873024	SSF x Near_LoA	-10,2827669	-0,136	0,305
CHR1	2873053	CHR1:2873053	SSF x Near_LoA	-7,12751252	-0,078	0,308
CHR1	2873071	CHR1:2873071	SSF x Near_LoA	-10,7049781	0,046	0,313
CHR1	28752016	CHR1:28752016	SSF x Near_LoA	-12,0213879	-0,024	0,291
CHR1	28752030	CHR1:28752030	SSF x Near_LoA	-9,62096648	0,175	0,288
CHR1	28796502	CHR1:28796502	SSF x Near_LoA	-8,26853283	-0,037	0,315
CHR1	28801565	CHR1:28801565	SSF x Near_LoA	-5,57964976	0,096	0,308
CHR1	28801582	CHR1:28801582	SSF x Near_LoA	-7,63491232	-0,052	0,323
CHR1	28801659	CHR1:28801659	SSF x Near_LoA	-7,16666808	0,097	0,303
CHR1	28806142	CHR1:28806142	SSF x Near_LoA	-7,78655331	0,117	0,293
CHR1	28806717	CHR1:28806717	SSF x Near_LoA	-9,01453182	-0,029	0,323
CHR1	28822958	CHR1:28822958	SSF x Near_LoA	-10,0055929	-0,065	0,301
CHR1	28823010	CHR1:28823010	SSF x Near_LoA	-9,34572863	-0,026	0,308
CHR1	2882989	CHR1:2882989	SSF x Near_LoA	-10,8464956	0,046	0,313
CHR1	28849691	CHR1:28849691	SSF x Near_LoA	-7,13534555	0,141	0,309
CHR1	28849759	CHR1:28849759	SSF x Near_LoA	-9,58858831	-0,072	0,314
CHR1	28849768	CHR1:28849768	SSF x Near_LoA	-8,10906271	0,068	0,303
CHR1	28865421	CHR1:28865421	SSF x Near_LoA	-6,03521273	0,079	0,286
CHR1	28865495	CHR1:28865495	SSF x Near_LoA	-8,13379453	-0,005	0,317
CHR1	28865613	CHR1:28865613	SSF x Near_LoA	-10,9260326	-0,082	0,299
CHR1	28865645	CHR1:28865645	SSF x Near_LoA	-9,18244253	0,053	0,297
CHR1	28883433	CHR1:28883433	SSF x Near_LoA	-11,3956932	-0,056	0,314
CHR1	28883446	CHR1:28883446	SSF x Near_LoA	-10,1737964	-0,031	0,310
CHR1	28883510	CHR1:28883510	SSF x Near_LoA	-9,61654631	-0,059	0,287
CHR1	28883512	CHR1:28883512	SSF x Near_LoA	-9,36461693	0,002	0,315
CHR1	28883515	CHR1:28883515	SSF x Near_LoA	-11,2349225	0,051	0,309
CHR1	28883560	CHR1:28883560	SSF x Near_LoA	-9,8974716	-0,013	0,302
CHR1	28883564	CHR1:28883564	SSF x Near_LoA	-8,92179511	0,064	0,306
CHR1	28884580	CHR1:28884580	SSF x Near_LoA	-9,93817163	0,093	0,300
CHR1	28912805	CHR1:28912805	SSF x Near_LoA	-9,39894334	-0,004	0,304
CHR1	28912984	CHR1:28912984	SSF x Near_LoA	-8,09239615	0,051	0,316
CHR1	28912992	CHR1:28912992	SSF x Near_LoA	-8,55286319	0,000	0,310
CHR1	28916938	CHR1:28916938	SSF x Near_LoA	-7,46250521	0,078	0,305
CHR1	28917117	CHR1:28917117	SSF x Near_LoA	-10,5248549	-0,006	0,323

CHR1	28920387	CHR1:28920387	SSF x Near_LoA	-8,36358468	-0,042	0,313
CHR1	28924645	CHR1:28924645	SSF x Near_LoA	-8,1708322	0,131	0,299
CHR1	28928481	CHR1:28928481	SSF x Near_LoA	-2,77230517	-0,147	0,317
CHR1	28929554	CHR1:28929554	SSF x Near_LoA	-10,6710032	-0,038	0,314
CHR1	28929557	CHR1:28929557	SSF x Near_LoA	-7,78279195	-0,096	0,309
CHR1	28929562	CHR1:28929562	SSF x Near_LoA	-6,08822876	0,146	0,305
CHR1	28929606	CHR1:28929606	SSF x Near_LoA	-9,88347835	-0,022	0,309
CHR1	28929640	CHR1:28929640	SSF x Near_LoA	-5,50272021	-0,021	0,315
CHR1	28929716	CHR1:28929716	SSF x Near_LoA	-10,8308633	0,090	0,309
CHR1	28950785	CHR1:28950785	SSF x Near_LoA	-9,44157931	0,060	0,302
CHR1	28950828	CHR1:28950828	SSF x Near_LoA	-10,9706612	0,018	0,304
CHR1	28950836	CHR1:28950836	SSF x Near_LoA	-11,6350393	0,013	0,300
CHR1	28950880	CHR1:28950880	SSF x Near_LoA	-9,89436161	-0,039	0,300
CHR1	28954352	CHR1:28954352	SSF x Near_LoA	-9,05524333	-0,057	0,313
CHR1	28962348	CHR1:28962348	SSF x Near_LoA	-8,67892693	0,121	0,297
CHR1	28962382	CHR1:28962382	SSF x Near_LoA	-11,2185236	0,064	0,297
CHR1	28962384	CHR1:28962384	SSF x Near_LoA	-2,2690852	-0,215	0,304
CHR1	28976075	CHR1:28976075	SSF x Near_LoA	-10,672127	-0,008	0,302
CHR1	28976143	CHR1:28976143	SSF x Near_LoA	-7,23966365	-0,023	0,330
CHR1	28978079	CHR1:28978079	SSF x Near_LoA	-7,69408957	-0,034	0,307
CHR1	28978239	CHR1:28978239	SSF x Near_LoA	-9,76112334	0,003	0,307
CHR1	28978260	CHR1:28978260	SSF x Near_LoA	-9,78497616	0,010	0,296
CHR1	28980260	CHR1:28980260	SSF x Near_LoA	-10,1559817	-0,076	0,290
CHR1	28980277	CHR1:28980277	SSF x Near_LoA	-10,969949	0,068	0,296
CHR1	28981502	CHR1:28981502	SSF x Near_LoA	-10,6418806	-0,102	0,309
CHR1	2898930	CHR1:2898930	SSF x Near_LoA	-7,95625469	0,087	0,306
CHR1	2898938	CHR1:2898938	SSF x Near_LoA	-9,85986319	0,087	0,294
CHR1	28990028	CHR1:28990028	SSF x Near_LoA	-11,5194441	-0,030	0,314
CHR1	28996345	CHR1:28996345	SSF x Near_LoA	-9,1895368	-0,017	0,316
CHR1	28998431	CHR1:28998431	SSF x Near_LoA	-3,89581273	-0,092	0,291
CHR1	29010858	CHR1:29010858	SSF x Near_LoA	-9,02004874	0,025	0,316
CHR1	29024580	CHR1:29024580	SSF x Near_LoA	-9,96094112	0,048	0,321
CHR1	2902511	CHR1:2902511	SSF x Near_LoA	-10,8015433	-0,043	0,307
CHR1	2902577	CHR1:2902577	SSF x Near_LoA	-10,8508514	0,004	0,303
CHR1	29091942	CHR1:29091942	SSF x Near_LoA	-10,4442915	-0,029	0,310
CHR1	29105506	CHR1:29105506	SSF x Near_LoA	-6,14791363	-0,078	0,306
CHR1	29105655	CHR1:29105655	SSF x Near_LoA	-11,4256758	-0,028	0,302
CHR1	29105748	CHR1:29105748	SSF x Near_LoA	-8,9819377	-0,038	0,321
CHR1	29105757	CHR1:29105757	SSF x Near_LoA	-8,68131774	-0,105	0,298
CHR1	29113482	CHR1:29113482	SSF x Near_LoA	-8,49844319	0,017	0,310
CHR1	29113486	CHR1:29113486	SSF x Near_LoA	-10,2673328	0,004	0,302
CHR1	29116606	CHR1:29116606	SSF x Near_LoA	-7,87144836	-0,012	0,325
CHR1	29116634	CHR1:29116634	SSF x Near_LoA	-9,61600339	0,073	0,298
CHR1	29116728	CHR1:29116728	SSF x Near_LoA	-7,7089492	-0,147	0,306
CHR1	29138955	CHR1:29138955	SSF x Near_LoA	-9,23662551	0,063	0,310
CHR1	29139059	CHR1:29139059	SSF x Near_LoA	-11,949255	-0,077	0,303
CHR1	29139065	CHR1:29139065	SSF x Near_LoA	-9,10349961	-0,022	0,305
CHR1	29139400	CHR1:29139400	SSF x Near_LoA	-7,11764035	-0,175	0,295
CHR1	29139405	CHR1:29139405	SSF x Near_LoA	-7,19180495	-0,165	0,295
CHR1	29139407	CHR1:29139407	SSF x Near_LoA	-6,57801399	-0,171	0,312
CHR1	29139427	CHR1:29139427	SSF x Near_LoA	-5,37208988	-0,163	0,302
CHR1	29139486	CHR1:29139486	SSF x Near_LoA	-5,74702958	-0,142	0,306
CHR1	29139498	CHR1:29139498	SSF x Near_LoA	-9,73582232	-0,054	0,308

CHR1	29139506	CHR1:29139506	SSF x Near_LoA	-7,57719345	0,008	0,303
CHR1	29148330	CHR1:29148330	SSF x Near_LoA	-8,08353678	-0,078	0,309
CHR1	29148334	CHR1:29148334	SSF x Near_LoA	-9,54252427	-0,069	0,311
CHR1	29148373	CHR1:29148373	SSF x Near_LoA	-9,88137733	-0,034	0,310
CHR1	29148376	CHR1:29148376	SSF x Near_LoA	-8,52427168	0,063	0,296
CHR1	29152574	CHR1:29152574	SSF x Near_LoA	-10,575564	-0,050	0,318
CHR1	29152614	CHR1:29152614	SSF x Near_LoA	-12,0786611	0,011	0,302
CHR1	29152705	CHR1:29152705	SSF x Near_LoA	-8,01448653	0,026	0,320
CHR1	29152745	CHR1:29152745	SSF x Near_LoA	-9,4263274	-0,062	0,295
CHR1	29155874	CHR1:29155874	SSF x Near_LoA	-11,8109929	0,086	0,303
CHR1	29155917	CHR1:29155917	SSF x Near_LoA	-10,7136579	-0,055	0,308
CHR1	29166243	CHR1:29166243	SSF x Near_LoA	-10,9172352	-0,044	0,310
CHR1	29166393	CHR1:29166393	SSF x Near_LoA	-9,90354652	0,016	0,318
CHR1	29171218	CHR1:29171218	SSF x Near_LoA	-10,6401971	0,071	0,313
CHR1	29171237	CHR1:29171237	SSF x Near_LoA	-9,16747648	-0,021	0,306
CHR1	29195898	CHR1:29195898	SSF x Near_LoA	-6,0075953	0,187	0,313
CHR1	29195937	CHR1:29195937	SSF x Near_LoA	-6,57724917	0,057	0,300
CHR1	29195978	CHR1:29195978	SSF x Near_LoA	-9,15424026	0,063	0,295
CHR1	29195987	CHR1:29195987	SSF x Near_LoA	-11,9025579	-0,048	0,300
CHR1	29197467	CHR1:29197467	SSF x Near_LoA	-7,22632571	-0,038	0,318
CHR1	29197487	CHR1:29197487	SSF x Near_LoA	-10,5900382	0,034	0,305
CHR1	29197489	CHR1:29197489	SSF x Near_LoA	-9,59794741	0,029	0,298
CHR1	29197510	CHR1:29197510	SSF x Near_LoA	-5,80102577	-0,089	0,303
CHR1	29197574	CHR1:29197574	SSF x Near_LoA	-10,1608028	-0,052	0,303
CHR1	29204270	CHR1:29204270	SSF x Near_LoA	-10,1536249	-0,124	0,312
CHR1	29204299	CHR1:29204299	SSF x Near_LoA	-9,01097994	-0,001	0,311
CHR1	29204479	CHR1:29204479	SSF x Near_LoA	-9,92500938	-0,032	0,314
CHR1	29215309	CHR1:29215309	SSF x Near_LoA	-6,0190058	0,011	0,298
CHR1	29215335	CHR1:29215335	SSF x Near_LoA	-8,69496236	0,033	0,308
CHR1	29215346	CHR1:29215346	SSF x Near_LoA	-6,32524274	0,058	0,307
CHR1	29215366	CHR1:29215366	SSF x Near_LoA	-9,30078313	-0,004	0,302
CHR1	29218871	CHR1:29218871	SSF x Near_LoA	-10,2168802	0,020	0,298
CHR1	29240407	CHR1:29240407	SSF x Near_LoA	-8,95058315	0,025	0,326
CHR1	29254412	CHR1:29254412	SSF x Near_LoA	-3,98415318	-0,197	0,295
CHR1	29254549	CHR1:29254549	SSF x Near_LoA	3,35080536	-0,120	0,309
CHR1	29273743	CHR1:29273743	SSF x Near_LoA	-7,86702876	0,004	0,336
CHR1	29281382	CHR1:29281382	SSF x Near_LoA	-8,16621763	0,143	0,292
CHR1	29281513	CHR1:29281513	SSF x Near_LoA	-5,57995476	0,131	0,298
CHR1	29295409	CHR1:29295409	SSF x Near_LoA	-10,315222	0,108	0,300
CHR1	29308375	CHR1:29308375	SSF x Near_LoA	-11,0464938	0,028	0,303
CHR1	29329857	CHR1:29329857	SSF x Near_LoA	-8,9860856	0,052	0,316
CHR1	29329875	CHR1:29329875	SSF x Near_LoA	-8,7236919	-0,008	0,307
CHR1	29329880	CHR1:29329880	SSF x Near_LoA	-7,23526124	-0,051	0,328
CHR1	293330	CHR1:293330	SSF x Near_LoA	2,53032466	-0,193	0,282
CHR1	29375202	CHR1:29375202	SSF x Near_LoA	-10,4295636	-0,012	0,298
CHR1	29375229	CHR1:29375229	SSF x Near_LoA	-8,59575192	-0,089	0,301
CHR1	29384587	CHR1:29384587	SSF x Near_LoA	-11,5072526	-0,022	0,306
CHR1	29384604	CHR1:29384604	SSF x Near_LoA	-8,53576892	0,113	0,311
CHR1	29391530	CHR1:29391530	SSF x Near_LoA	-3,50584659	0,219	0,305
CHR1	29391654	CHR1:29391654	SSF x Near_LoA	-7,09794369	-0,025	0,309
CHR1	29394136	CHR1:29394136	SSF x Near_LoA	-10,0958441	0,013	0,313
CHR1	29394251	CHR1:29394251	SSF x Near_LoA	-8,09877689	0,057	0,313
CHR1	29394255	CHR1:29394255	SSF x Near_LoA	0,11216351	0,040	0,311

CHR1	29394262	CHR1:29394262	SSF x Near_LoA	-9,26205882	0,051	0,308
CHR1	29397742	CHR1:29397742	SSF x Near_LoA	-8,93228273	-0,087	0,312
CHR1	29399639	CHR1:29399639	SSF x Near_LoA	-10,2195362	-0,079	0,315
CHR1	29408156	CHR1:29408156	SSF x Near_LoA	-9,19304493	0,036	0,311
CHR1	29408227	CHR1:29408227	SSF x Near_LoA	-9,14957992	0,073	0,305
CHR1	29409900	CHR1:29409900	SSF x Near_LoA	-7,78863094	0,107	0,305
CHR1	29409973	CHR1:29409973	SSF x Near_LoA	-1,49638046	-0,113	0,313
CHR1	29412083	CHR1:29412083	SSF x Near_LoA	-9,11308494	0,070	0,304
CHR1	29412191	CHR1:29412191	SSF x Near_LoA	-9,0803318	0,062	0,296
CHR1	29425482	CHR1:29425482	SSF x Near_LoA	-10,1534401	0,060	0,319
CHR1	29425533	CHR1:29425533	SSF x Near_LoA	-8,59926756	0,023	0,305
CHR1	29425572	CHR1:29425572	SSF x Near_LoA	-10,8099721	-0,001	0,310
CHR1	29426347	CHR1:29426347	SSF x Near_LoA	-10,1855395	0,068	0,306
CHR1	29427167	CHR1:29427167	SSF x Near_LoA	-10,9998146	-0,096	0,302
CHR1	29427234	CHR1:29427234	SSF x Near_LoA	-9,60265296	0,113	0,308
CHR1	29427362	CHR1:29427362	SSF x Near_LoA	-10,2924434	0,025	0,309
CHR1	29427369	CHR1:29427369	SSF x Near_LoA	-10,1744603	0,022	0,301
CHR1	29427389	CHR1:29427389	SSF x Near_LoA	-6,82443865	-0,193	0,302
CHR1	29434290	CHR1:29434290	SSF x Near_LoA	-9,30441971	0,006	0,306
CHR1	29437965	CHR1:29437965	SSF x Near_LoA	-9,03621681	0,011	0,303
CHR1	29438012	CHR1:29438012	SSF x Near_LoA	-9,14499817	0,168	0,287
CHR1	29438014	CHR1:29438014	SSF x Near_LoA	-9,11661344	0,129	0,299
CHR1	29438024	CHR1:29438024	SSF x Near_LoA	-9,93880349	-0,019	0,301
CHR1	29438040	CHR1:29438040	SSF x Near_LoA	-9,34964728	0,006	0,304
CHR1	29455244	CHR1:29455244	SSF x Near_LoA	-9,48536256	-0,073	0,307
CHR1	29455404	CHR1:29455404	SSF x Near_LoA	-10,9840045	-0,091	0,303
CHR1	29459205	CHR1:29459205	SSF x Near_LoA	-10,8362204	0,062	0,318
CHR1	29463042	CHR1:29463042	SSF x Near_LoA	-11,6892281	0,036	0,298
CHR1	294638	CHR1:294638	SSF x Near_LoA	-10,6352301	-0,102	0,303
CHR1	294693	CHR1:294693	SSF x Near_LoA	-9,19468047	-0,049	0,301
CHR1	29498967	CHR1:29498967	SSF x Near_LoA	5,95775442	-0,088	0,315
CHR1	29499028	CHR1:29499028	SSF x Near_LoA	-6,69667797	-0,113	0,307
CHR1	3E+07	CHR1:29512911	SSF x Near_LoA	-8,67992109	-0,116	0,314
CHR1	3E+07	CHR1:29512942	SSF x Near_LoA	-11,0250622	0,019	0,302
CHR1	3E+07	CHR1:29514906	SSF x Near_LoA	-8,82451008	-0,044	0,313
CHR1	3E+07	CHR1:29514944	SSF x Near_LoA	-3,91163577	-0,125	0,305
CHR1	3E+07	CHR1:29514951	SSF x Near_LoA	-9,66346894	0,080	0,304
CHR1	3E+07	CHR1:29517799	SSF x Near_LoA	-8,16776848	-0,145	0,305
CHR1	3E+07	CHR1:29517868	SSF x Near_LoA	-8,02350058	-0,013	0,319
CHR1	3E+07	CHR1:29517944	SSF x Near_LoA	-8,09654534	0,046	0,310
CHR1	3E+07	CHR1:29523883	SSF x Near_LoA	-10,6886414	-0,068	0,312
CHR1	3E+07	CHR1:29525613	SSF x Near_LoA	-10,3852595	0,089	0,312
CHR1	3E+07	CHR1:29525639	SSF x Near_LoA	-7,37126168	0,120	0,315
CHR1	3E+07	CHR1:29525666	SSF x Near_LoA	-7,7888343	0,189	0,291
CHR1	3E+07	CHR1:29525763	SSF x Near_LoA	-6,42127904	0,142	0,296
CHR1	3E+07	CHR1:29525783	SSF x Near_LoA	-9,74013915	0,012	0,325
CHR1	3E+07	CHR1:29525827	SSF x Near_LoA	-10,1140814	-0,078	0,321
CHR1	295273	CHR1:295273	SSF x Near_LoA	0,17590383	0,066	0,298
CHR1	295280	CHR1:295280	SSF x Near_LoA	-11,2729157	-0,035	0,316
CHR1	3E+07	CHR1:29530828	SSF x Near_LoA	-12,0362099	-0,027	0,305
CHR1	295319	CHR1:295319	SSF x Near_LoA	-10,583523	0,036	0,316
CHR1	3E+07	CHR1:29542105	SSF x Near_LoA	-7,69154815	0,127	0,302
CHR1	3E+07	CHR1:29542129	SSF x Near_LoA	-8,49594061	0,018	0,325

CHR1	3E+07	CHR1:29542151	SSF x Near_LoA	-9,82164227	0,006	0,312
CHR1	3E+07	CHR1:29542799	SSF x Near_LoA	-10,520532	-0,061	0,312
CHR1	3E+07	CHR1:29542856	SSF x Near_LoA	-8,97888892	0,115	0,308
CHR1	3E+07	CHR1:29542936	SSF x Near_LoA	-8,62916455	-0,054	0,293
CHR1	3E+07	CHR1:29542999	SSF x Near_LoA	-6,62710713	-0,066	0,306
CHR1	3E+07	CHR1:29543017	SSF x Near_LoA	-8,1500578	-0,024	0,308
CHR1	3E+07	CHR1:29552296	SSF x Near_LoA	-9,80678794	0,141	0,296
CHR1	3E+07	CHR1:29552315	SSF x Near_LoA	-11,8642283	-0,039	0,311
CHR1	3E+07	CHR1:29557625	SSF x Near_LoA	-9,68985118	-0,001	0,309
CHR1	3E+07	CHR1:29565711	SSF x Near_LoA	-12,0660544	0,037	0,295
CHR1	3E+07	CHR1:29565807	SSF x Near_LoA	-7,13033848	-0,117	0,310
CHR1	3E+07	CHR1:29565896	SSF x Near_LoA	-8,02898673	-0,088	0,312
CHR1	3E+07	CHR1:29565902	SSF x Near_LoA	-10,8045946	0,105	0,310
CHR1	3E+07	CHR1:29565909	SSF x Near_LoA	-10,6985997	0,013	0,298
CHR1	3E+07	CHR1:29565937	SSF x Near_LoA	-8,10148242	0,008	0,317
CHR1	3E+07	CHR1:29565976	SSF x Near_LoA	-10,67827	-0,074	0,303
CHR1	3E+07	CHR1:29565981	SSF x Near_LoA	-7,08809864	-0,040	0,324
CHR1	3E+07	CHR1:29566003	SSF x Near_LoA	5,15215084	-0,032	0,306
CHR1	3E+07	CHR1:29572817	SSF x Near_LoA	-9,08804821	0,116	0,287
CHR1	3E+07	CHR1:29572940	SSF x Near_LoA	-3,79981618	-0,131	0,301
CHR1	3E+07	CHR1:29572965	SSF x Near_LoA	-9,31944049	-0,055	0,318
CHR1	3E+07	CHR1:29572995	SSF x Near_LoA	-11,0842595	-0,112	0,298
CHR1	3E+07	CHR1:29573772	SSF x Near_LoA	-11,4133602	0,019	0,305
CHR1	3E+07	CHR1:29573791	SSF x Near_LoA	-8,81180751	0,026	0,308
CHR1	3E+07	CHR1:29575553	SSF x Near_LoA	-9,19311168	0,006	0,302
CHR1	3E+07	CHR1:29575586	SSF x Near_LoA	-11,5442647	0,007	0,304
CHR1	3E+07	CHR1:29578754	SSF x Near_LoA	-11,4772003	-0,063	0,298
CHR1	3E+07	CHR1:29583845	SSF x Near_LoA	-8,80682634	0,019	0,317
CHR1	3E+07	CHR1:29583904	SSF x Near_LoA	-6,63972626	-0,061	0,316
CHR1	3E+07	CHR1:29585724	SSF x Near_LoA	-9,90100685	-0,070	0,298
CHR1	3E+07	CHR1:29585777	SSF x Near_LoA	-8,87913376	-0,041	0,304
CHR1	3E+07	CHR1:29591549	SSF x Near_LoA	-8,56738985	0,008	0,303
CHR1	3E+07	CHR1:29591581	SSF x Near_LoA	-8,32507625	-0,040	0,311
CHR1	3E+07	CHR1:29599040	SSF x Near_LoA	-0,89559426	0,172	0,313
CHR1	3E+07	CHR1:29599047	SSF x Near_LoA	-10,15897	0,018	0,298
CHR1	3E+07	CHR1:29599131	SSF x Near_LoA	-9,052803	0,077	0,310
CHR1	3E+07	CHR1:29599204	SSF x Near_LoA	-10,79741	-0,099	0,301
CHR1	3E+07	CHR1:29599287	SSF x Near_LoA	-9,26103833	-0,017	0,304
CHR1	3E+07	CHR1:29599288	SSF x Near_LoA	-9,49489489	-0,030	0,295
CHR1	3E+07	CHR1:29610870	SSF x Near_LoA	-8,56624113	-0,007	0,312
CHR1	3E+07	CHR1:29610903	SSF x Near_LoA	-9,24119773	-0,077	0,318
CHR1	3E+07	CHR1:29610949	SSF x Near_LoA	-7,37988842	0,101	0,307
CHR1	3E+07	CHR1:29610968	SSF x Near_LoA	-10,4133013	-0,082	0,308
CHR1	3E+07	CHR1:29610971	SSF x Near_LoA	-10,6976248	-0,039	0,305
CHR1	3E+07	CHR1:29611060	SSF x Near_LoA	-7,97482028	0,068	0,303
CHR1	3E+07	CHR1:29621552	SSF x Near_LoA	-10,6229874	0,074	0,305
CHR1	3E+07	CHR1:29622085	SSF x Near_LoA	-10,3930403	0,075	0,308
CHR1	3E+07	CHR1:29622137	SSF x Near_LoA	-8,583602	-0,143	0,314
CHR1	3E+07	CHR1:29623203	SSF x Near_LoA	-9,44039084	0,119	0,293
CHR1	3E+07	CHR1:29623230	SSF x Near_LoA	-11,0569494	-0,006	0,294
CHR1	3E+07	CHR1:29623256	SSF x Near_LoA	-7,56182494	0,078	0,306
CHR1	3E+07	CHR1:29627959	SSF x Near_LoA	-9,26574529	0,014	0,317
CHR1	3E+07	CHR1:29628551	SSF x Near_LoA	-7,5473019	-0,036	0,310

CHR1	3E+07	CHR1:29628562	SSF x Near_LoA	-9,6133367	-0,053	0,319
CHR1	3E+07	CHR1:29628582	SSF x Near_LoA	-10,4685435	-0,055	0,298
CHR1	3E+07	CHR1:29628645	SSF x Near_LoA	-8,81734071	0,033	0,309
CHR1	3E+07	CHR1:29639074	SSF x Near_LoA	-11,2616029	0,004	0,305
CHR1	3E+07	CHR1:29644503	SSF x Near_LoA	1,38123313	-0,011	0,314
CHR1	3E+07	CHR1:29644644	SSF x Near_LoA	-7,94650206	-0,090	0,308
CHR1	3E+07	CHR1:29644815	SSF x Near_LoA	-11,0045983	0,045	0,309
CHR1	3E+07	CHR1:29649932	SSF x Near_LoA	-7,17655174	0,164	0,307
CHR1	3E+07	CHR1:29649939	SSF x Near_LoA	-6,45205746	0,174	0,296
CHR1	3E+07	CHR1:29649967	SSF x Near_LoA	-6,02104203	0,124	0,300
CHR1	3E+07	CHR1:29651685	SSF x Near_LoA	-11,4398928	-0,062	0,292
CHR1	3E+07	CHR1:29651730	SSF x Near_LoA	-11,8837463	-0,053	0,295
CHR1	3E+07	CHR1:29652963	SSF x Near_LoA	-11,1670437	-0,089	0,305
CHR1	3E+07	CHR1:29653008	SSF x Near_LoA	-8,08788258	0,172	0,304
CHR1	3E+07	CHR1:29654238	SSF x Near_LoA	-9,46684197	0,057	0,313
CHR1	3E+07	CHR1:29654412	SSF x Near_LoA	-6,83740601	-0,074	0,314
CHR1	3E+07	CHR1:29661469	SSF x Near_LoA	-8,80118634	0,000	0,307
CHR1	3E+07	CHR1:29661481	SSF x Near_LoA	-8,44452345	-0,001	0,323
CHR1	3E+07	CHR1:29661535	SSF x Near_LoA	-11,2083427	0,067	0,295
CHR1	3E+07	CHR1:29661537	SSF x Near_LoA	-8,24752574	-0,023	0,314
CHR1	3E+07	CHR1:29661702	SSF x Near_LoA	-12,1306928	-0,053	0,296
CHR1	3E+07	CHR1:29665864	SSF x Near_LoA	-11,6701631	0,038	0,307
CHR1	3E+07	CHR1:29672672	SSF x Near_LoA	-10,7509312	-0,108	0,301
CHR1	3E+07	CHR1:29674512	SSF x Near_LoA	-9,31946724	0,032	0,308
CHR1	3E+07	CHR1:29674527	SSF x Near_LoA	-11,5154768	-0,052	0,313
CHR1	3E+07	CHR1:29674656	SSF x Near_LoA	-10,4132654	-0,053	0,328
CHR1	3E+07	CHR1:29674674	SSF x Near_LoA	-10,5654625	-0,042	0,320
CHR1	3E+07	CHR1:29685092	SSF x Near_LoA	-10,165269	-0,067	0,306
CHR1	3E+07	CHR1:29685094	SSF x Near_LoA	-9,92016052	0,028	0,309
CHR1	3E+07	CHR1:29685096	SSF x Near_LoA	-7,1381015	0,038	0,311
CHR1	3E+07	CHR1:29685099	SSF x Near_LoA	-9,97273441	0,038	0,302
CHR1	3E+07	CHR1:29685101	SSF x Near_LoA	-5,34221225	0,056	0,302
CHR1	3E+07	CHR1:29685200	SSF x Near_LoA	-6,75064426	0,084	0,316
CHR1	2968852	CHR1:2968852	SSF x Near_LoA	-9,9343487	0,094	0,318
CHR1	2968883	CHR1:2968883	SSF x Near_LoA	-10,2906364	0,143	0,310
CHR1	2968919	CHR1:2968919	SSF x Near_LoA	-11,4990775	0,013	0,301
CHR1	2968987	CHR1:2968987	SSF x Near_LoA	-8,17657222	-0,131	0,312
CHR1	3E+07	CHR1:29693679	SSF x Near_LoA	-9,03291139	-0,048	0,297
CHR1	3E+07	CHR1:29693728	SSF x Near_LoA	-11,924548	-0,036	0,298
CHR1	3E+07	CHR1:29693746	SSF x Near_LoA	-0,0317641	0,055	0,307
CHR1	3E+07	CHR1:29696328	SSF x Near_LoA	-8,63924807	-0,032	0,306
CHR1	3E+07	CHR1:29696391	SSF x Near_LoA	-9,63340603	-0,070	0,300
CHR1	3E+07	CHR1:29696518	SSF x Near_LoA	-9,92344815	-0,054	0,318
CHR1	3E+07	CHR1:29700321	SSF x Near_LoA	-10,4395456	0,009	0,304
CHR1	3E+07	CHR1:29700417	SSF x Near_LoA	-10,3389281	-0,096	0,314
CHR1	3E+07	CHR1:29700418	SSF x Near_LoA	-8,8831811	0,093	0,302
CHR1	3E+07	CHR1:29702216	SSF x Near_LoA	-7,38808877	0,050	0,317
CHR1	3E+07	CHR1:29702264	SSF x Near_LoA	-9,05782417	0,007	0,322
CHR1	3E+07	CHR1:29702359	SSF x Near_LoA	-10,2646703	0,060	0,310
CHR1	3E+07	CHR1:29702393	SSF x Near_LoA	-10,992261	0,018	0,308
CHR1	3E+07	CHR1:29708440	SSF x Near_LoA	-10,9318428	-0,051	0,302
CHR1	3E+07	CHR1:29708452	SSF x Near_LoA	-9,74551343	0,004	0,303
CHR1	3E+07	CHR1:29708467	SSF x Near_LoA	-4,75178768	-0,075	0,305

CHR1	3E+07	CHR1:29708497	SSF x Near_LoA	-8,83366821	0,060	0,299
CHR1	3E+07	CHR1:29708512	SSF x Near_LoA	-10,6067396	0,055	0,313
CHR1	3E+07	CHR1:29708531	SSF x Near_LoA	-8,74012056	0,004	0,297
CHR1	3E+07	CHR1:29709855	SSF x Near_LoA	-8,50055057	-0,071	0,297
CHR1	3E+07	CHR1:29709878	SSF x Near_LoA	-10,8353854	-0,070	0,300
CHR1	3E+07	CHR1:29709908	SSF x Near_LoA	-11,1531452	0,085	0,305
CHR1	3E+07	CHR1:29717057	SSF x Near_LoA	-9,40200419	0,049	0,312
CHR1	3E+07	CHR1:29717065	SSF x Near_LoA	-9,34006588	-0,017	0,323
CHR1	3E+07	CHR1:29717066	SSF x Near_LoA	-9,39860713	-0,030	0,298
CHR1	3E+07	CHR1:29717078	SSF x Near_LoA	-8,95555778	-0,067	0,323
CHR1	3E+07	CHR1:29717144	SSF x Near_LoA	-7,37524194	-0,129	0,319
CHR1	3E+07	CHR1:29720643	SSF x Near_LoA	-10,9311081	0,068	0,308
CHR1	3E+07	CHR1:29720828	SSF x Near_LoA	-10,3442066	-0,010	0,307
CHR1	3E+07	CHR1:29727985	SSF x Near_LoA	-10,9998217	0,042	0,299
CHR1	3E+07	CHR1:29727989	SSF x Near_LoA	-10,181656	0,071	0,306
CHR1	3E+07	CHR1:29728040	SSF x Near_LoA	-10,151952	0,063	0,315
CHR1	3E+07	CHR1:29728098	SSF x Near_LoA	-11,3646156	-0,031	0,286
CHR1	3E+07	CHR1:29728103	SSF x Near_LoA	-9,82376078	-0,018	0,317
CHR1	3E+07	CHR1:29735694	SSF x Near_LoA	-11,2115656	-0,054	0,311
CHR1	3E+07	CHR1:29735709	SSF x Near_LoA	-9,12593168	-0,016	0,319
CHR1	3E+07	CHR1:29741251	SSF x Near_LoA	-9,08785685	-0,037	0,313
CHR1	3E+07	CHR1:29741295	SSF x Near_LoA	-10,7168991	-0,061	0,313
CHR1	3E+07	CHR1:29741318	SSF x Near_LoA	-8,90825211	0,072	0,300
CHR1	3E+07	CHR1:29741336	SSF x Near_LoA	-9,63657507	-0,056	0,303
CHR1	3E+07	CHR1:29741500	SSF x Near_LoA	-10,054309	-0,065	0,305
CHR1	3E+07	CHR1:29747631	SSF x Near_LoA	-9,68645073	0,092	0,303
CHR1	3E+07	CHR1:29752331	SSF x Near_LoA	-7,04647641	0,140	0,304
CHR1	3E+07	CHR1:29752398	SSF x Near_LoA	-6,47083004	-0,098	0,304
CHR1	3E+07	CHR1:29752453	SSF x Near_LoA	-8,54417506	0,098	0,320
CHR1	3E+07	CHR1:29752460	SSF x Near_LoA	-10,5898668	0,072	0,294
CHR1	3E+07	CHR1:29752522	SSF x Near_LoA	-5,86780339	-0,102	0,318
CHR1	3E+07	CHR1:29755244	SSF x Near_LoA	-10,7518895	-0,013	0,309
CHR1	3E+07	CHR1:29755397	SSF x Near_LoA	-10,2911164	-0,115	0,302
CHR1	2975760	CHR1:2975760	SSF x Near_LoA	-9,82608743	0,057	0,296
CHR1	2975878	CHR1:2975878	SSF x Near_LoA	-10,6780611	0,058	0,320
CHR1	3E+07	CHR1:29759110	SSF x Near_LoA	-9,92779227	-0,027	0,315
CHR1	3E+07	CHR1:29759126	SSF x Near_LoA	-9,95741233	0,064	0,314
CHR1	2975966	CHR1:2975966	SSF x Near_LoA	-8,8067475	0,067	0,297
CHR1	3E+07	CHR1:29765619	SSF x Near_LoA	-8,38600028	0,038	0,313
CHR1	3E+07	CHR1:29765725	SSF x Near_LoA	-10,28446	0,110	0,317
CHR1	3E+07	CHR1:29765812	SSF x Near_LoA	-9,68282334	0,010	0,307
CHR1	3E+07	CHR1:29769682	SSF x Near_LoA	-10,7041832	-0,054	0,303
CHR1	3E+07	CHR1:29769714	SSF x Near_LoA	-9,487635	0,075	0,312
CHR1	3E+07	CHR1:29769737	SSF x Near_LoA	-10,1570039	-0,009	0,311
CHR1	3E+07	CHR1:29775693	SSF x Near_LoA	-9,85422034	0,002	0,313
CHR1	3E+07	CHR1:29775771	SSF x Near_LoA	-8,644555	-0,032	0,296
CHR1	3E+07	CHR1:29775855	SSF x Near_LoA	-7,28468887	0,035	0,325
CHR1	3E+07	CHR1:29775886	SSF x Near_LoA	-8,47991711	0,033	0,304
CHR1	3E+07	CHR1:29781858	SSF x Near_LoA	-11,4003852	-0,135	0,298
CHR1	3E+07	CHR1:29782566	SSF x Near_LoA	-11,7452984	0,016	0,307
CHR1	3E+07	CHR1:29791674	SSF x Near_LoA	-8,83068441	0,032	0,310
CHR1	3E+07	CHR1:29791753	SSF x Near_LoA	4,31986011	-0,013	0,297
CHR1	3E+07	CHR1:29791754	SSF x Near_LoA	-8,45826866	-0,026	0,304

CHR1	3E+07	CHR1:29791792	SSF x Near_LoA	-9,84356044	-0,012	0,298
CHR1	3E+07	CHR1:29791861	SSF x Near_LoA	-8,54510929	0,162	0,311
CHR1	3E+07	CHR1:29806730	SSF x Near_LoA	-10,0721159	-0,119	0,282
CHR1	3E+07	CHR1:29806734	SSF x Near_LoA	-8,99252398	0,047	0,305
CHR1	3E+07	CHR1:29816447	SSF x Near_LoA	-8,36482056	-0,205	0,287
CHR1	3E+07	CHR1:29816458	SSF x Near_LoA	-8,72505396	-0,051	0,286
CHR1	3E+07	CHR1:29816460	SSF x Near_LoA	-7,59791691	-0,033	0,288
CHR1	3E+07	CHR1:29816482	SSF x Near_LoA	-7,81445286	-0,132	0,312
CHR1	3E+07	CHR1:29818501	SSF x Near_LoA	-9,86026269	0,050	0,311
CHR1	3E+07	CHR1:29818553	SSF x Near_LoA	-1,88614288	0,150	0,296
CHR1	3E+07	CHR1:29818566	SSF x Near_LoA	-9,00036337	0,127	0,294
CHR1	3E+07	CHR1:29827335	SSF x Near_LoA	-9,53955229	0,097	0,304
CHR1	3E+07	CHR1:29827336	SSF x Near_LoA	-10,4414134	0,109	0,298
CHR1	3E+07	CHR1:29827344	SSF x Near_LoA	-10,1494631	0,074	0,291
CHR1	3E+07	CHR1:29827362	SSF x Near_LoA	-8,55624439	0,035	0,297
CHR1	3E+07	CHR1:29827370	SSF x Near_LoA	-8,5469532	0,080	0,294
CHR1	3E+07	CHR1:29827386	SSF x Near_LoA	-10,6830488	0,021	0,303
CHR1	3E+07	CHR1:29828803	SSF x Near_LoA	-10,6289123	0,009	0,304
CHR1	3E+07	CHR1:29828885	SSF x Near_LoA	-4,44999989	0,170	0,284
CHR1	3E+07	CHR1:29828911	SSF x Near_LoA	-8,13041608	0,057	0,321
CHR1	3E+07	CHR1:29842751	SSF x Near_LoA	-9,98145307	-0,028	0,296
CHR1	3E+07	CHR1:29842754	SSF x Near_LoA	-6,89691784	-0,169	0,309
CHR1	3E+07	CHR1:29842781	SSF x Near_LoA	-9,99204455	-0,022	0,321
CHR1	3E+07	CHR1:29842784	SSF x Near_LoA	-6,96685532	0,014	0,302
CHR1	3E+07	CHR1:29842912	SSF x Near_LoA	-10,0661176	-0,129	0,303
CHR1	3E+07	CHR1:29842952	SSF x Near_LoA	-11,7009201	-0,033	0,297
CHR1	3E+07	CHR1:29845536	SSF x Near_LoA	-9,79012064	0,036	0,311
CHR1	3E+07	CHR1:29847633	SSF x Near_LoA	-9,99294894	0,105	0,301
CHR1	3E+07	CHR1:29847642	SSF x Near_LoA	-10,8600244	-0,112	0,316
CHR1	3E+07	CHR1:29849386	SSF x Near_LoA	-4,26312064	-0,115	0,300
CHR1	3E+07	CHR1:29849425	SSF x Near_LoA	-6,01908227	0,095	0,306
CHR1	3E+07	CHR1:29853557	SSF x Near_LoA	-8,17879298	0,053	0,309
CHR1	3E+07	CHR1:29853576	SSF x Near_LoA	-10,9695599	-0,001	0,287
CHR1	3E+07	CHR1:29853608	SSF x Near_LoA	-9,41266932	-0,069	0,302
CHR1	3E+07	CHR1:29858064	SSF x Near_LoA	-7,72307536	-0,078	0,314
CHR1	3E+07	CHR1:29858106	SSF x Near_LoA	-9,03734709	-0,037	0,301
CHR1	3E+07	CHR1:29861353	SSF x Near_LoA	-5,09201393	-0,048	0,315
CHR1	3E+07	CHR1:29861354	SSF x Near_LoA	-9,15236048	-0,040	0,299
CHR1	3E+07	CHR1:29861461	SSF x Near_LoA	-8,01804556	-0,080	0,312
CHR1	3E+07	CHR1:29861498	SSF x Near_LoA	-8,49480017	-0,037	0,301
CHR1	3E+07	CHR1:29867125	SSF x Near_LoA	-10,9258488	0,029	0,310
CHR1	3E+07	CHR1:29867390	SSF x Near_LoA	-7,36534862	0,131	0,291
CHR1	3E+07	CHR1:29880787	SSF x Near_LoA	-10,5233574	0,146	0,300
CHR1	3E+07	CHR1:29880904	SSF x Near_LoA	-11,44345	-0,027	0,299
CHR1	3E+07	CHR1:29886007	SSF x Near_LoA	-7,19627317	-0,037	0,309
CHR1	3E+07	CHR1:29897187	SSF x Near_LoA	-6,01519883	-0,046	0,317
CHR1	3E+07	CHR1:29899959	SSF x Near_LoA	-11,5438682	0,000	0,310
CHR1	3E+07	CHR1:29901133	SSF x Near_LoA	-8,65714279	0,094	0,299
CHR1	3E+07	CHR1:29901184	SSF x Near_LoA	-6,41078596	-0,157	0,302
CHR1	3E+07	CHR1:29901200	SSF x Near_LoA	-4,45712087	0,147	0,298
CHR1	3E+07	CHR1:29901332	SSF x Near_LoA	-7,35435854	-0,069	0,312
CHR1	2990568	CHR1:2990568	SSF x Near_LoA	-9,04862122	-0,140	0,301
CHR1	2990646	CHR1:2990646	SSF x Near_LoA	-12,2053089	-0,033	0,302

CHR1	2990711	CHR1:2990711	SSF x Near_LoA	-6,9891696	0,046	0,296
CHR1	3E+07	CHR1:29907551	SSF x Near_LoA	-9,96316905	-0,019	0,310
CHR1	2990777	CHR1:2990777	SSF x Near_LoA	-9,57976645	-0,011	0,300
CHR1	3E+07	CHR1:29907806	SSF x Near_LoA	-9,83397177	0,102	0,291
CHR1	3E+07	CHR1:29918043	SSF x Near_LoA	-8,49500561	-0,022	0,314
CHR1	3E+07	CHR1:29918045	SSF x Near_LoA	-6,85900992	0,012	0,315
CHR1	3E+07	CHR1:29918092	SSF x Near_LoA	-10,5682029	0,004	0,301
CHR1	3E+07	CHR1:29918203	SSF x Near_LoA	-11,9934873	0,017	0,291
CHR1	3E+07	CHR1:29946256	SSF x Near_LoA	-10,4508286	-0,076	0,302
CHR1	3E+07	CHR1:29946296	SSF x Near_LoA	-9,84133092	0,054	0,322
CHR1	2998625	CHR1:2998625	SSF x Near_LoA	-10,1111115	0,012	0,303
CHR1	3E+07	CHR1:29987008	SSF x Near_LoA	-8,03145342	-0,027	0,308
CHR1	3E+07	CHR1:29991014	SSF x Near_LoA	-7,67269612	-0,027	0,316
CHR1	3E+07	CHR1:29991027	SSF x Near_LoA	-11,4735543	-0,033	0,297
CHR1	3E+07	CHR1:29991190	SSF x Near_LoA	-8,84678588	0,202	0,284
CHR1	3E+07	CHR1:29992289	SSF x Near_LoA	-11,2717931	-0,043	0,307
CHR1	3E+07	CHR1:29992303	SSF x Near_LoA	-8,84013622	0,021	0,302
CHR1	3E+07	CHR1:29993710	SSF x Near_LoA	-10,1074613	0,003	0,301
CHR1	3E+07	CHR1:29993719	SSF x Near_LoA	-8,80715929	-0,043	0,301
CHR1	2999421	CHR1:2999421	SSF x Near_LoA	-11,2973286	-0,070	0,311
CHR1	2999433	CHR1:2999433	SSF x Near_LoA	-9,57194536	0,065	0,304
CHR1	3E+07	CHR1:30003181	SSF x Near_LoA	-7,98022284	-0,045	0,310
CHR1	3E+07	CHR1:30003297	SSF x Near_LoA	-9,95941694	0,024	0,303
CHR1	3E+07	CHR1:30003365	SSF x Near_LoA	-11,134474	-0,101	0,301
CHR1	3E+07	CHR1:30003366	SSF x Near_LoA	-9,55826541	-0,125	0,312
CHR1	3E+07	CHR1:30006798	SSF x Near_LoA	-8,29929399	0,166	0,307
CHR1	3E+07	CHR1:30011461	SSF x Near_LoA	-9,01150017	-0,023	0,306
CHR1	3E+07	CHR1:30011464	SSF x Near_LoA	-8,62867066	0,005	0,302
CHR1	3E+07	CHR1:30012018	SSF x Near_LoA	-11,2811363	0,043	0,291
CHR1	3E+07	CHR1:30016328	SSF x Near_LoA	-10,4436364	0,027	0,286
CHR1	3E+07	CHR1:30016341	SSF x Near_LoA	-8,5947491	0,122	0,287
CHR1	3E+07	CHR1:30016419	SSF x Near_LoA	-8,46931305	-0,099	0,314
CHR1	3E+07	CHR1:30016430	SSF x Near_LoA	-8,71500288	0,011	0,316
CHR1	3E+07	CHR1:30016440	SSF x Near_LoA	-8,79477322	-0,034	0,317
CHR1	3001916	CHR1:3001916	SSF x Near_LoA	-10,3225882	-0,089	0,311
CHR1	3E+07	CHR1:30030081	SSF x Near_LoA	-10,135248	0,091	0,301
CHR1	3E+07	CHR1:30030184	SSF x Near_LoA	-5,20235553	0,084	0,306
CHR1	3E+07	CHR1:30030287	SSF x Near_LoA	-8,5297192	0,038	0,308
CHR1	3E+07	CHR1:30030327	SSF x Near_LoA	-11,2221168	-0,032	0,313
CHR1	3E+07	CHR1:30038502	SSF x Near_LoA	-3,53781092	0,128	0,299
CHR1	3E+07	CHR1:30038604	SSF x Near_LoA	-12,5021221	-0,042	0,295
CHR1	3E+07	CHR1:30041284	SSF x Near_LoA	-9,90449474	0,047	0,309
CHR1	3E+07	CHR1:30043227	SSF x Near_LoA	-5,67440406	-0,163	0,299
CHR1	3E+07	CHR1:30043253	SSF x Near_LoA	-8,70303238	0,048	0,303
CHR1	3E+07	CHR1:30043281	SSF x Near_LoA	-10,5845519	-0,006	0,288
CHR1	3E+07	CHR1:30043294	SSF x Near_LoA	-9,89338379	0,155	0,289
CHR1	3E+07	CHR1:30060484	SSF x Near_LoA	-9,5845201	-0,018	0,306
CHR1	3E+07	CHR1:30060548	SSF x Near_LoA	-9,01221936	-0,027	0,299
CHR1	3E+07	CHR1:30060627	SSF x Near_LoA	-6,52890241	0,082	0,318
CHR1	3E+07	CHR1:30060676	SSF x Near_LoA	-10,2885426	-0,083	0,307
CHR1	3E+07	CHR1:30063733	SSF x Near_LoA	-10,3350591	0,047	0,298
CHR1	3006435	CHR1:3006435	SSF x Near_LoA	-8,77346038	-0,050	0,294
CHR1	3006562	CHR1:3006562	SSF x Near_LoA	-9,53988761	-0,069	0,312

CHR1	3006636	CHR1:3006636	SSF x Near_LoA	-8,68067823	-0,045	0,304
CHR1	3E+07	CHR1:30066941	SSF x Near_LoA	-9,45702089	0,093	0,303
CHR1	3E+07	CHR1:30069572	SSF x Near_LoA	-8,60051784	0,049	0,318
CHR1	3E+07	CHR1:30069578	SSF x Near_LoA	-10,193039	0,075	0,300
CHR1	3E+07	CHR1:30076826	SSF x Near_LoA	-8,18885213	0,187	0,300
CHR1	3E+07	CHR1:30076938	SSF x Near_LoA	-5,89004816	-0,098	0,307
CHR1	3E+07	CHR1:30076989	SSF x Near_LoA	-6,71919462	0,184	0,308
CHR1	3E+07	CHR1:30076992	SSF x Near_LoA	-7,36954852	-0,114	0,315
CHR1	3E+07	CHR1:30086100	SSF x Near_LoA	-10,1684673	0,134	0,297
CHR1	3008707	CHR1:3008707	SSF x Near_LoA	-8,47569424	0,040	0,300
CHR1	3008741	CHR1:3008741	SSF x Near_LoA	-9,17131254	0,021	0,306
CHR1	3008789	CHR1:3008789	SSF x Near_LoA	-8,02445527	-0,016	0,302
CHR1	3008799	CHR1:3008799	SSF x Near_LoA	-8,04734991	-0,010	0,310
CHR1	3008888	CHR1:3008888	SSF x Near_LoA	-9,24010949	0,013	0,298
CHR1	3E+07	CHR1:30091368	SSF x Near_LoA	-8,62291236	-0,045	0,310
CHR1	3E+07	CHR1:30099550	SSF x Near_LoA	-9,4622695	0,045	0,307
CHR1	3E+07	CHR1:30099716	SSF x Near_LoA	-10,4406435	-0,051	0,317
CHR1	3E+07	CHR1:30099790	SSF x Near_LoA	-11,6367252	0,030	0,313
CHR1	3011462	CHR1:3011462	SSF x Near_LoA	-10,5951101	0,165	0,301
CHR1	3E+07	CHR1:30114762	SSF x Near_LoA	-9,58095444	-0,066	0,314
CHR1	3E+07	CHR1:30114781	SSF x Near_LoA	-10,2578886	-0,046	0,303
CHR1	3E+07	CHR1:30114791	SSF x Near_LoA	-10,0278261	0,006	0,318
CHR1	3E+07	CHR1:30114793	SSF x Near_LoA	-12,3956908	0,046	0,292
CHR1	3E+07	CHR1:30114817	SSF x Near_LoA	-6,21536117	0,109	0,319
CHR1	3E+07	CHR1:30114827	SSF x Near_LoA	-11,3863381	-0,072	0,302
CHR1	3E+07	CHR1:30114845	SSF x Near_LoA	-9,83422481	-0,051	0,315
CHR1	3E+07	CHR1:30114883	SSF x Near_LoA	-10,3459569	-0,025	0,303
CHR1	3E+07	CHR1:30114896	SSF x Near_LoA	-11,4949231	0,079	0,291
CHR1	3E+07	CHR1:30116392	SSF x Near_LoA	-2,71546146	0,135	0,303
CHR1	3E+07	CHR1:30122479	SSF x Near_LoA	-8,48310695	0,010	0,323
CHR1	3E+07	CHR1:30124774	SSF x Near_LoA	-7,67016449	-0,025	0,319
CHR1	3E+07	CHR1:30124775	SSF x Near_LoA	-10,1386671	-0,092	0,315
CHR1	3E+07	CHR1:30132252	SSF x Near_LoA	-9,50507306	0,047	0,288
CHR1	3E+07	CHR1:30132552	SSF x Near_LoA	-10,1108533	0,106	0,308
CHR1	3E+07	CHR1:30132557	SSF x Near_LoA	-3,83088686	-0,160	0,292
CHR1	3E+07	CHR1:30142879	SSF x Near_LoA	-9,6805546	0,129	0,303
CHR1	3E+07	CHR1:30143015	SSF x Near_LoA	-8,37530058	-0,074	0,291
CHR1	3E+07	CHR1:30143017	SSF x Near_LoA	-7,40601498	-0,064	0,311
CHR1	3E+07	CHR1:30143049	SSF x Near_LoA	-10,5928399	0,048	0,300
CHR1	3015172	CHR1:3015172	SSF x Near_LoA	-8,90933374	0,018	0,316
CHR1	3E+07	CHR1:30152843	SSF x Near_LoA	-9,82229111	-0,036	0,315
CHR1	3E+07	CHR1:30152856	SSF x Near_LoA	-11,2800288	0,005	0,307
CHR1	3E+07	CHR1:30153748	SSF x Near_LoA	-10,823363	0,024	0,308
CHR1	3E+07	CHR1:30153789	SSF x Near_LoA	-11,6643827	-0,042	0,311
CHR1	3E+07	CHR1:30153800	SSF x Near_LoA	-8,89618845	0,054	0,312
CHR1	3E+07	CHR1:30158908	SSF x Near_LoA	-9,66119129	0,005	0,306
CHR1	3E+07	CHR1:30158936	SSF x Near_LoA	-8,92418054	0,095	0,303
CHR1	3E+07	CHR1:30158953	SSF x Near_LoA	-11,1519622	-0,001	0,316
CHR1	3E+07	CHR1:30159042	SSF x Near_LoA	-8,05295599	0,085	0,315
CHR1	3E+07	CHR1:30166016	SSF x Near_LoA	-10,093004	0,017	0,308
CHR1	3E+07	CHR1:30169220	SSF x Near_LoA	-8,22012258	-0,132	0,312
CHR1	3E+07	CHR1:30169260	SSF x Near_LoA	-8,65839771	0,027	0,314
CHR1	3E+07	CHR1:30169277	SSF x Near_LoA	-8,96992501	-0,074	0,328

CHR1	3E+07	CHR1:30170395	SSF x Near_LoA	-8,72424267	-0,119	0,309
CHR1	3E+07	CHR1:30170480	SSF x Near_LoA	-10,4940694	0,135	0,306
CHR1	3E+07	CHR1:30175758	SSF x Near_LoA	-11,3819332	-0,006	0,309
CHR1	3E+07	CHR1:30177557	SSF x Near_LoA	-8,00592695	-0,083	0,319
CHR1	3E+07	CHR1:30177634	SSF x Near_LoA	-8,17620915	-0,067	0,305
CHR1	3E+07	CHR1:30177637	SSF x Near_LoA	-10,4214806	-0,112	0,296
CHR1	3E+07	CHR1:30177643	SSF x Near_LoA	-8,1629559	-0,073	0,307
CHR1	3E+07	CHR1:30185243	SSF x Near_LoA	-9,30202902	-0,136	0,302
CHR1	3019094	CHR1:3019094	SSF x Near_LoA	-8,82534442	-0,021	0,305
CHR1	3019219	CHR1:3019219	SSF x Near_LoA	-7,54613436	-0,124	0,301
CHR1	3E+07	CHR1:30199933	SSF x Near_LoA	-8,60061582	0,006	0,312
CHR1	3E+07	CHR1:30214217	SSF x Near_LoA	-10,7717785	-0,009	0,308
CHR1	3E+07	CHR1:30214300	SSF x Near_LoA	-10,4562529	-0,056	0,306
CHR1	3E+07	CHR1:30214322	SSF x Near_LoA	-7,3308039	-0,057	0,288
CHR1	3E+07	CHR1:30218950	SSF x Near_LoA	-9,29508574	0,040	0,298
CHR1	3E+07	CHR1:30218956	SSF x Near_LoA	-9,61898647	0,041	0,304
CHR1	3E+07	CHR1:30219013	SSF x Near_LoA	-9,41877205	0,036	0,320
CHR1	3E+07	CHR1:30219945	SSF x Near_LoA	-10,6450285	-0,040	0,296
CHR1	3E+07	CHR1:30219983	SSF x Near_LoA	-9,87342656	-0,127	0,295
CHR1	3E+07	CHR1:30220020	SSF x Near_LoA	-10,0087266	-0,035	0,309
CHR1	3E+07	CHR1:30220048	SSF x Near_LoA	-7,86136248	0,105	0,303
CHR1	3E+07	CHR1:30224056	SSF x Near_LoA	-11,4074447	0,038	0,304
CHR1	3E+07	CHR1:30224068	SSF x Near_LoA	-10,0115076	-0,104	0,314
CHR1	3E+07	CHR1:30233842	SSF x Near_LoA	-6,65990807	-0,069	0,304
CHR1	3E+07	CHR1:30250618	SSF x Near_LoA	-6,99129518	0,015	0,303
CHR1	3E+07	CHR1:30250701	SSF x Near_LoA	-9,68117441	-0,067	0,307
CHR1	3E+07	CHR1:30250874	SSF x Near_LoA	-9,79764644	0,004	0,306
CHR1	3E+07	CHR1:30261391	SSF x Near_LoA	-7,79266324	-0,046	0,311
CHR1	3E+07	CHR1:30261470	SSF x Near_LoA	-7,9472171	-0,048	0,308
CHR1	3E+07	CHR1:30261510	SSF x Near_LoA	-7,03061396	0,019	0,306
CHR1	3E+07	CHR1:30261517	SSF x Near_LoA	-11,1706886	-0,073	0,305
CHR1	3E+07	CHR1:30272479	SSF x Near_LoA	-9,82446852	0,022	0,320
CHR1	3E+07	CHR1:30284475	SSF x Near_LoA	-9,60850872	-0,118	0,312
CHR1	3E+07	CHR1:30284481	SSF x Near_LoA	-8,00644252	-0,086	0,309
CHR1	3E+07	CHR1:30296173	SSF x Near_LoA	-7,10855913	-0,083	0,309
CHR1	3E+07	CHR1:30296177	SSF x Near_LoA	-8,49257707	0,061	0,311
CHR1	3E+07	CHR1:30297390	SSF x Near_LoA	-8,57043895	-0,047	0,299
CHR1	3E+07	CHR1:30300176	SSF x Near_LoA	-7,91230178	0,169	0,301
CHR1	3E+07	CHR1:30300278	SSF x Near_LoA	-8,35849132	0,003	0,310
CHR1	3E+07	CHR1:30300331	SSF x Near_LoA	-10,9516062	-0,117	0,302
CHR1	3E+07	CHR1:30300367	SSF x Near_LoA	-11,1924305	0,040	0,309
CHR1	3E+07	CHR1:30300372	SSF x Near_LoA	-9,53175872	-0,026	0,316
CHR1	3E+07	CHR1:30300395	SSF x Near_LoA	-11,8255882	0,013	0,303
CHR1	3E+07	CHR1:30317926	SSF x Near_LoA	-11,4450393	0,057	0,293
CHR1	3E+07	CHR1:30317958	SSF x Near_LoA	-3,14072317	-0,087	0,304
CHR1	3E+07	CHR1:30328989	SSF x Near_LoA	-8,0337402	-0,157	0,308
CHR1	3E+07	CHR1:30329136	SSF x Near_LoA	-11,4111456	0,054	0,294
CHR1	3E+07	CHR1:30336471	SSF x Near_LoA	-6,95667181	-0,039	0,305
CHR1	3E+07	CHR1:30336552	SSF x Near_LoA	-6,77995516	-0,097	0,284
CHR1	3E+07	CHR1:30338624	SSF x Near_LoA	-10,1871819	0,003	0,313
CHR1	3E+07	CHR1:30338765	SSF x Near_LoA	-9,29314754	0,106	0,304
CHR1	3034378	CHR1:3034378	SSF x Near_LoA	-9,21765973	0,091	0,312
CHR1	3034379	CHR1:3034379	SSF x Near_LoA	-11,5987763	0,118	0,293

CHR1	3E+07	CHR1:30345756	SSF x Near_LoA	-9,67599804	0,085	0,304
CHR1	3E+07	CHR1:30345784	SSF x Near_LoA	-10,3183471	0,037	0,307
CHR1	3E+07	CHR1:30345808	SSF x Near_LoA	-7,55704427	0,076	0,301
CHR1	3E+07	CHR1:30345829	SSF x Near_LoA	-8,68843748	0,002	0,298
CHR1	3E+07	CHR1:30353522	SSF x Near_LoA	-8,72061027	0,020	0,310
CHR1	3E+07	CHR1:30353584	SSF x Near_LoA	-9,79034796	0,005	0,305
CHR1	3E+07	CHR1:30353590	SSF x Near_LoA	-8,9154448	-0,050	0,312
CHR1	3E+07	CHR1:30353612	SSF x Near_LoA	-8,64110622	0,047	0,308
CHR1	3E+07	CHR1:30353615	SSF x Near_LoA	-10,222957	0,001	0,306
CHR1	3E+07	CHR1:30356708	SSF x Near_LoA	-11,1940346	0,024	0,314
CHR1	3E+07	CHR1:30376304	SSF x Near_LoA	-10,3098357	0,017	0,299
CHR1	3E+07	CHR1:30376306	SSF x Near_LoA	-9,06855491	-0,036	0,313
CHR1	3E+07	CHR1:30376329	SSF x Near_LoA	-12,1396207	-0,062	0,304
CHR1	3E+07	CHR1:30382233	SSF x Near_LoA	-11,5704581	0,009	0,305
CHR1	3E+07	CHR1:30382236	SSF x Near_LoA	-11,5017381	0,059	0,313
CHR1	3E+07	CHR1:30382290	SSF x Near_LoA	0,70166897	-0,061	0,320
CHR1	3E+07	CHR1:30383176	SSF x Near_LoA	-9,29790389	0,048	0,298
CHR1	3E+07	CHR1:30383274	SSF x Near_LoA	-8,49217734	-0,008	0,290
CHR1	3E+07	CHR1:30391345	SSF x Near_LoA	-7,47557766	-0,004	0,316
CHR1	3E+07	CHR1:30399671	SSF x Near_LoA	-8,84631584	-0,106	0,309
CHR1	3040102	CHR1:3040102	SSF x Near_LoA	-8,6612522	-0,118	0,307
CHR1	3040221	CHR1:3040221	SSF x Near_LoA	-9,66319918	0,057	0,296
CHR1	3E+07	CHR1:30404805	SSF x Near_LoA	-9,0882053	0,018	0,312
CHR1	3E+07	CHR1:30407031	SSF x Near_LoA	-11,3384493	0,009	0,308
CHR1	3E+07	CHR1:30407114	SSF x Near_LoA	-6,77647543	-0,129	0,316
CHR1	3E+07	CHR1:30407163	SSF x Near_LoA	-11,3175623	-0,016	0,315
CHR1	3E+07	CHR1:30407181	SSF x Near_LoA	-9,24902306	0,053	0,314
CHR1	3E+07	CHR1:30407208	SSF x Near_LoA	-11,2531979	0,023	0,309
CHR1	3E+07	CHR1:30409814	SSF x Near_LoA	-8,17319012	-0,005	0,327
CHR1	3E+07	CHR1:30410294	SSF x Near_LoA	-10,0479589	-0,057	0,299
CHR1	3E+07	CHR1:30411494	SSF x Near_LoA	-10,2859836	-0,047	0,305
CHR1	3E+07	CHR1:30411807	SSF x Near_LoA	-10,818862	-0,067	0,299
CHR1	3E+07	CHR1:30411814	SSF x Near_LoA	-8,17140663	0,019	0,312
CHR1	3E+07	CHR1:30411818	SSF x Near_LoA	-8,36622503	-0,061	0,313
CHR1	3E+07	CHR1:30411821	SSF x Near_LoA	-9,13259394	-0,088	0,308
CHR1	3E+07	CHR1:30411873	SSF x Near_LoA	-8,46670508	-0,084	0,307
CHR1	3E+07	CHR1:30416962	SSF x Near_LoA	-11,0469209	0,055	0,306
CHR1	3E+07	CHR1:30417034	SSF x Near_LoA	-9,04017912	0,059	0,304
CHR1	3E+07	CHR1:30418564	SSF x Near_LoA	-10,1467003	-0,087	0,308
CHR1	3E+07	CHR1:30419208	SSF x Near_LoA	-10,1582425	0,012	0,311
CHR1	3E+07	CHR1:30419243	SSF x Near_LoA	-10,0629001	-0,131	0,294
CHR1	3E+07	CHR1:30429116	SSF x Near_LoA	-11,1756043	0,034	0,299
CHR1	3E+07	CHR1:30429119	SSF x Near_LoA	-11,3055427	-0,023	0,307
CHR1	3E+07	CHR1:30429127	SSF x Near_LoA	-8,92814209	0,087	0,296
CHR1	3043399	CHR1:3043399	SSF x Near_LoA	-7,94717522	0,133	0,310
CHR1	3043449	CHR1:3043449	SSF x Near_LoA	-7,1602462	-0,197	0,294
CHR1	3043450	CHR1:3043450	SSF x Near_LoA	-9,44739299	0,032	0,306
CHR1	3043501	CHR1:3043501	SSF x Near_LoA	-10,6092666	-0,075	0,319
CHR1	3043569	CHR1:3043569	SSF x Near_LoA	-9,48565253	-0,025	0,318
CHR1	3043570	CHR1:3043570	SSF x Near_LoA	-9,59175765	-0,055	0,311
CHR1	3043601	CHR1:3043601	SSF x Near_LoA	-2,45610388	-0,120	0,305
CHR1	3043606	CHR1:3043606	SSF x Near_LoA	-10,2263901	0,013	0,298
CHR1	3E+07	CHR1:30437095	SSF x Near_LoA	-11,6935499	0,025	0,302

CHR1	3E+07	CHR1:30437122	SSF x Near_LoA	-8,85317164	0,112	0,305
CHR1	3E+07	CHR1:30437168	SSF x Near_LoA	-8,33715672	0,099	0,307
CHR1	3E+07	CHR1:30437171	SSF x Near_LoA	-8,30900234	0,100	0,310
CHR1	3E+07	CHR1:30437241	SSF x Near_LoA	-10,4073485	0,016	0,301
CHR1	3E+07	CHR1:30448702	SSF x Near_LoA	-3,13801682	-0,121	0,310
CHR1	3E+07	CHR1:30449959	SSF x Near_LoA	-10,7024854	-0,053	0,306
CHR1	3E+07	CHR1:30450029	SSF x Near_LoA	-8,48611376	0,039	0,306
CHR1	3E+07	CHR1:30450030	SSF x Near_LoA	-6,59100454	0,041	0,307
CHR1	3E+07	CHR1:30450080	SSF x Near_LoA	-12,1770805	0,027	0,311
CHR1	3E+07	CHR1:30453007	SSF x Near_LoA	-9,46360626	0,037	0,330
CHR1	3E+07	CHR1:30453042	SSF x Near_LoA	-5,06407091	0,026	0,317
CHR1	3E+07	CHR1:30454736	SSF x Near_LoA	-9,06937418	-0,036	0,312
CHR1	3E+07	CHR1:30454802	SSF x Near_LoA	-4,25357811	-0,033	0,312
CHR1	3E+07	CHR1:30454916	SSF x Near_LoA	-7,03394215	0,120	0,307
CHR1	3045547	CHR1:3045547	SSF x Near_LoA	-10,9562366	-0,004	0,297
CHR1	3045618	CHR1:3045618	SSF x Near_LoA	-10,6738856	-0,097	0,312
CHR1	3E+07	CHR1:30457427	SSF x Near_LoA	-8,73845051	0,004	0,314
CHR1	3E+07	CHR1:30464308	SSF x Near_LoA	-8,54779677	0,024	0,314
CHR1	3E+07	CHR1:30464371	SSF x Near_LoA	3,22386159	-0,048	0,308
CHR1	3E+07	CHR1:30464829	SSF x Near_LoA	-9,49137753	-0,032	0,306
CHR1	3E+07	CHR1:30477062	SSF x Near_LoA	-6,84730324	0,203	0,305
CHR1	3E+07	CHR1:30477128	SSF x Near_LoA	-10,4345695	-0,104	0,310
CHR1	3E+07	CHR1:30484767	SSF x Near_LoA	-9,67990945	-0,054	0,307
CHR1	3E+07	CHR1:30484769	SSF x Near_LoA	-8,74539963	-0,074	0,315
CHR1	3E+07	CHR1:30484876	SSF x Near_LoA	-6,72390386	0,029	0,329
CHR1	30519848	CHR1:30519848	SSF x Near_LoA	-7,98101092	0,119	0,304
CHR1	30519943	CHR1:30519943	SSF x Near_LoA	-12,1067689	0,050	0,292
CHR1	30520068	CHR1:30520068	SSF x Near_LoA	-9,18859929	0,006	0,311
CHR1	30520152	CHR1:30520152	SSF x Near_LoA	-3,55117186	-0,106	0,302
CHR1	30523624	CHR1:30523624	SSF x Near_LoA	-7,24394209	-0,092	0,299
CHR1	30523673	CHR1:30523673	SSF x Near_LoA	-8,96550681	0,003	0,312
CHR1	30530541	CHR1:30530541	SSF x Near_LoA	-9,33955843	-0,056	0,318
CHR1	30530609	CHR1:30530609	SSF x Near_LoA	-10,0138944	-0,030	0,305
CHR1	30530610	CHR1:30530610	SSF x Near_LoA	-6,6315915	-0,145	0,301
CHR1	30530625	CHR1:30530625	SSF x Near_LoA	-8,29563263	-0,113	0,297
CHR1	30530627	CHR1:30530627	SSF x Near_LoA	-8,8781255	0,045	0,313
CHR1	30530645	CHR1:30530645	SSF x Near_LoA	-8,46110732	0,003	0,306
CHR1	30550524	CHR1:30550524	SSF x Near_LoA	-4,89898951	-0,014	0,320
CHR1	30550528	CHR1:30550528	SSF x Near_LoA	-9,16981197	-0,011	0,313
CHR1	30550606	CHR1:30550606	SSF x Near_LoA	-9,69583436	-0,050	0,314
CHR1	30550613	CHR1:30550613	SSF x Near_LoA	-9,09021225	-0,077	0,288
CHR1	30550645	CHR1:30550645	SSF x Near_LoA	-9,95345297	-0,058	0,316
CHR1	30561474	CHR1:30561474	SSF x Near_LoA	-10,5861069	-0,182	0,281
CHR1	30561500	CHR1:30561500	SSF x Near_LoA	-10,4121118	-0,054	0,321
CHR1	30561618	CHR1:30561618	SSF x Near_LoA	-9,55337726	-0,005	0,321
CHR1	30561640	CHR1:30561640	SSF x Near_LoA	-10,2507735	0,044	0,314
CHR1	30561645	CHR1:30561645	SSF x Near_LoA	-7,15303871	0,045	0,309
CHR1	30561684	CHR1:30561684	SSF x Near_LoA	-9,71223301	-0,062	0,310
CHR1	30573017	CHR1:30573017	SSF x Near_LoA	-6,77697821	0,058	0,308
CHR1	30573036	CHR1:30573036	SSF x Near_LoA	-9,82026564	-0,011	0,315
CHR1	30573055	CHR1:30573055	SSF x Near_LoA	-11,0195943	0,040	0,315
CHR1	30573265	CHR1:30573265	SSF x Near_LoA	-10,6796862	0,033	0,301
CHR1	30576590	CHR1:30576590	SSF x Near_LoA	-5,91454842	0,085	0,305

CHR1	30576611	CHR1:30576611	SSF x Near_LoA	-7,59395657	0,057	0,312
CHR1	30576786	CHR1:30576786	SSF x Near_LoA	-8,6995906	-0,054	0,308
CHR1	30583299	CHR1:30583299	SSF x Near_LoA	-9,09082223	-0,033	0,304
CHR1	30583353	CHR1:30583353	SSF x Near_LoA	-10,2368364	0,093	0,298
CHR1	30583404	CHR1:30583404	SSF x Near_LoA	-9,56174873	0,003	0,302
CHR1	30583469	CHR1:30583469	SSF x Near_LoA	-9,29276455	0,014	0,307
CHR1	30590866	CHR1:30590866	SSF x Near_LoA	-8,64016794	-0,094	0,300
CHR1	30590881	CHR1:30590881	SSF x Near_LoA	-9,90211051	0,088	0,306
CHR1	30591193	CHR1:30591193	SSF x Near_LoA	-8,54300966	-0,059	0,309
CHR1	30593391	CHR1:30593391	SSF x Near_LoA	-8,41060332	0,111	0,311
CHR1	30593419	CHR1:30593419	SSF x Near_LoA	-7,80141915	-0,052	0,312
CHR1	30593448	CHR1:30593448	SSF x Near_LoA	-9,01857216	-0,018	0,303
CHR1	30593459	CHR1:30593459	SSF x Near_LoA	-10,5041347	0,009	0,312
CHR1	30594892	CHR1:30594892	SSF x Near_LoA	-10,2064457	-0,021	0,312
CHR1	30595090	CHR1:30595090	SSF x Near_LoA	-6,19484058	0,078	0,305
CHR1	30597223	CHR1:30597223	SSF x Near_LoA	-10,2218983	-0,083	0,298
CHR1	30597245	CHR1:30597245	SSF x Near_LoA	-11,7109091	0,020	0,306
CHR1	30597270	CHR1:30597270	SSF x Near_LoA	-11,079196	0,033	0,308
CHR1	30597272	CHR1:30597272	SSF x Near_LoA	-8,58147635	0,078	0,301
CHR1	30597284	CHR1:30597284	SSF x Near_LoA	-8,03534247	0,065	0,304
CHR1	30597291	CHR1:30597291	SSF x Near_LoA	-7,78315132	0,012	0,312
CHR1	30597305	CHR1:30597305	SSF x Near_LoA	-3,09525462	-0,113	0,319
CHR1	30597312	CHR1:30597312	SSF x Near_LoA	-9,30137127	-0,010	0,315
CHR1	30602531	CHR1:30602531	SSF x Near_LoA	-9,66746638	-0,106	0,299
CHR1	30602592	CHR1:30602592	SSF x Near_LoA	-7,87207248	0,196	0,293
CHR1	30603106	CHR1:30603106	SSF x Near_LoA	-9,51606456	0,086	0,307
CHR1	30604362	CHR1:30604362	SSF x Near_LoA	-9,20047416	0,082	0,308
CHR1	30604374	CHR1:30604374	SSF x Near_LoA	-8,60101399	-0,001	0,292
CHR1	30604452	CHR1:30604452	SSF x Near_LoA	-7,76416985	-0,151	0,300
CHR1	30604543	CHR1:30604543	SSF x Near_LoA	-7,22712801	-0,048	0,299
CHR1	30604596	CHR1:30604596	SSF x Near_LoA	-9,50688774	-0,030	0,304
CHR1	30614189	CHR1:30614189	SSF x Near_LoA	-7,70240407	-0,119	0,311
CHR1	3061519	CHR1:3061519	SSF x Near_LoA	-7,46857825	0,239	0,295
CHR1	30623352	CHR1:30623352	SSF x Near_LoA	-11,4307468	-0,021	0,297
CHR1	30623356	CHR1:30623356	SSF x Near_LoA	-9,57962394	0,040	0,317
CHR1	30623455	CHR1:30623455	SSF x Near_LoA	-10,3377889	0,066	0,311
CHR1	30644575	CHR1:30644575	SSF x Near_LoA	-10,6088041	0,000	0,297
CHR1	30644614	CHR1:30644614	SSF x Near_LoA	-3,14968874	-0,010	0,310
CHR1	30644651	CHR1:30644651	SSF x Near_LoA	-10,0966203	-0,033	0,322
CHR1	30644677	CHR1:30644677	SSF x Near_LoA	-9,69494252	0,032	0,305
CHR1	30644682	CHR1:30644682	SSF x Near_LoA	-9,54604161	0,145	0,303
CHR1	30645364	CHR1:30645364	SSF x Near_LoA	-10,7963475	-0,061	0,298
CHR1	30645366	CHR1:30645366	SSF x Near_LoA	-6,41634022	-0,038	0,311
CHR1	30651669	CHR1:30651669	SSF x Near_LoA	-8,42886375	-0,123	0,300
CHR1	30651733	CHR1:30651733	SSF x Near_LoA	-9,59219893	0,014	0,314
CHR1	30651821	CHR1:30651821	SSF x Near_LoA	-9,57197355	0,057	0,310
CHR1	30655048	CHR1:30655048	SSF x Near_LoA	-7,43127374	0,151	0,304
CHR1	30655073	CHR1:30655073	SSF x Near_LoA	-10,3111384	0,063	0,303
CHR1	30655084	CHR1:30655084	SSF x Near_LoA	-10,2372476	0,022	0,310
CHR1	30655176	CHR1:30655176	SSF x Near_LoA	-8,50605114	-0,059	0,310
CHR1	30655230	CHR1:30655230	SSF x Near_LoA	-5,72739523	0,241	0,275
CHR1	3066133	CHR1:3066133	SSF x Near_LoA	-8,44233409	0,093	0,327
CHR1	30664762	CHR1:30664762	SSF x Near_LoA	-5,94879024	-0,184	0,285

CHR1	30664852	CHR1:30664852	SSF x Near_LoA	-9,56291432	0,000	0,317
CHR1	30670140	CHR1:30670140	SSF x Near_LoA	-8,6367803	0,178	0,294
CHR1	30670189	CHR1:30670189	SSF x Near_LoA	-9,47437092	-0,003	0,301
CHR1	30670201	CHR1:30670201	SSF x Near_LoA	-11,1848371	0,009	0,299
CHR1	30673597	CHR1:30673597	SSF x Near_LoA	-11,8566849	-0,001	0,298
CHR1	30674887	CHR1:30674887	SSF x Near_LoA	-11,2055609	-0,009	0,310
CHR1	30674889	CHR1:30674889	SSF x Near_LoA	-9,1497334	-0,101	0,323
CHR1	30674937	CHR1:30674937	SSF x Near_LoA	-9,0960848	-0,065	0,299
CHR1	30674981	CHR1:30674981	SSF x Near_LoA	-11,4015813	0,047	0,306
CHR1	30677072	CHR1:30677072	SSF x Near_LoA	-9,36347673	0,153	0,296
CHR1	30684171	CHR1:30684171	SSF x Near_LoA	-8,52655276	-0,083	0,310
CHR1	30698032	CHR1:30698032	SSF x Near_LoA	-11,4216093	-0,060	0,305
CHR1	30698119	CHR1:30698119	SSF x Near_LoA	-8,85238154	0,023	0,305
CHR1	30698147	CHR1:30698147	SSF x Near_LoA	-9,21485529	0,043	0,309
CHR1	30698148	CHR1:30698148	SSF x Near_LoA	-9,4974888	0,028	0,305
CHR1	30698184	CHR1:30698184	SSF x Near_LoA	-8,01286848	-0,106	0,308
CHR1	30699918	CHR1:30699918	SSF x Near_LoA	-7,23070465	0,011	0,309
CHR1	30704037	CHR1:30704037	SSF x Near_LoA	-10,7581003	-0,006	0,305
CHR1	30704098	CHR1:30704098	SSF x Near_LoA	-10,8278988	0,028	0,307
CHR1	30704295	CHR1:30704295	SSF x Near_LoA	-8,49629002	0,119	0,297
CHR1	30704320	CHR1:30704320	SSF x Near_LoA	-8,79839867	0,010	0,307
CHR1	30704367	CHR1:30704367	SSF x Near_LoA	-10,0823652	-0,099	0,312
CHR1	30710980	CHR1:30710980	SSF x Near_LoA	-8,47399779	-0,127	0,319
CHR1	30712182	CHR1:30712182	SSF x Near_LoA	-11,137138	-0,009	0,309
CHR1	30712206	CHR1:30712206	SSF x Near_LoA	-10,6895155	0,031	0,309
CHR1	30712313	CHR1:30712313	SSF x Near_LoA	-9,03864784	0,106	0,293
CHR1	30713823	CHR1:30713823	SSF x Near_LoA	-9,96066151	-0,015	0,315
CHR1	30713824	CHR1:30713824	SSF x Near_LoA	-6,40998033	0,165	0,306
CHR1	30713839	CHR1:30713839	SSF x Near_LoA	-9,00182138	0,140	0,309
CHR1	30713874	CHR1:30713874	SSF x Near_LoA	-12,1590476	-0,022	0,292
CHR1	30718428	CHR1:30718428	SSF x Near_LoA	-10,126108	0,004	0,320
CHR1	30718480	CHR1:30718480	SSF x Near_LoA	-8,9153989	0,054	0,296
CHR1	30718562	CHR1:30718562	SSF x Near_LoA	-10,7351092	-0,084	0,307
CHR1	30718665	CHR1:30718665	SSF x Near_LoA	-9,22236035	0,036	0,319
CHR1	30721291	CHR1:30721291	SSF x Near_LoA	-6,12106057	-0,116	0,299
CHR1	30721354	CHR1:30721354	SSF x Near_LoA	-8,64183171	-0,066	0,298
CHR1	30726648	CHR1:30726648	SSF x Near_LoA	-5,08524238	-0,112	0,300
CHR1	30726713	CHR1:30726713	SSF x Near_LoA	-10,1887534	0,056	0,312
CHR1	30730150	CHR1:30730150	SSF x Near_LoA	-4,69825216	-0,035	0,319
CHR1	30730153	CHR1:30730153	SSF x Near_LoA	-9,09399778	-0,008	0,300
CHR1	30730233	CHR1:30730233	SSF x Near_LoA	-11,0271494	-0,041	0,300
CHR1	30730294	CHR1:30730294	SSF x Near_LoA	-8,10323223	0,138	0,312
CHR1	30731595	CHR1:30731595	SSF x Near_LoA	-10,1176926	-0,011	0,310
CHR1	30731794	CHR1:30731794	SSF x Near_LoA	-10,0762834	0,051	0,312
CHR1	30732990	CHR1:30732990	SSF x Near_LoA	-5,5293167	-0,204	0,297
CHR1	30733005	CHR1:30733005	SSF x Near_LoA	-0,98977837	0,101	0,300
CHR1	30733053	CHR1:30733053	SSF x Near_LoA	-10,5278333	-0,099	0,309
CHR1	30733085	CHR1:30733085	SSF x Near_LoA	-8,2102438	-0,075	0,297
CHR1	30735585	CHR1:30735585	SSF x Near_LoA	-8,62771064	-0,019	0,312
CHR1	30735612	CHR1:30735612	SSF x Near_LoA	-7,49961828	-0,103	0,303
CHR1	30735641	CHR1:30735641	SSF x Near_LoA	-5,90513417	-0,149	0,300
CHR1	30742699	CHR1:30742699	SSF x Near_LoA	-10,3193322	0,056	0,315
CHR1	30742774	CHR1:30742774	SSF x Near_LoA	-10,7490778	0,077	0,300

CHR1	30742794	CHR1:30742794	SSF x Near_LoA	-8,59978479	0,031	0,307
CHR1	30747180	CHR1:30747180	SSF x Near_LoA	-11,1387934	-0,034	0,295
CHR1	30749343	CHR1:30749343	SSF x Near_LoA	-8,48521883	-0,147	0,301
CHR1	30749371	CHR1:30749371	SSF x Near_LoA	-8,85685434	0,087	0,300
CHR1	30749419	CHR1:30749419	SSF x Near_LoA	-8,28891034	-0,137	0,297
CHR1	30760995	CHR1:30760995	SSF x Near_LoA	-8,82122516	0,013	0,320
CHR1	30761032	CHR1:30761032	SSF x Near_LoA	-9,03132698	-0,012	0,309
CHR1	30761153	CHR1:30761153	SSF x Near_LoA	-10,7800342	0,032	0,310
CHR1	30765587	CHR1:30765587	SSF x Near_LoA	-8,86237234	0,041	0,295
CHR1	30768203	CHR1:30768203	SSF x Near_LoA	-8,3451999	-0,096	0,319
CHR1	30768251	CHR1:30768251	SSF x Near_LoA	-7,05009958	0,139	0,309
CHR1	30771053	CHR1:30771053	SSF x Near_LoA	-11,1099359	0,008	0,303
CHR1	30771204	CHR1:30771204	SSF x Near_LoA	-5,44030796	0,222	0,271
CHR1	30771268	CHR1:30771268	SSF x Near_LoA	-8,35198825	-0,134	0,321
CHR1	30773198	CHR1:30773198	SSF x Near_LoA	-10,6934834	-0,102	0,307
CHR1	30773251	CHR1:30773251	SSF x Near_LoA	-8,61116511	-0,102	0,320
CHR1	30773286	CHR1:30773286	SSF x Near_LoA	-6,86886638	-0,064	0,318
CHR1	30785490	CHR1:30785490	SSF x Near_LoA	-10,1370015	-0,076	0,306
CHR1	30785510	CHR1:30785510	SSF x Near_LoA	-9,28508484	-0,034	0,317
CHR1	30785521	CHR1:30785521	SSF x Near_LoA	-8,32270023	-0,032	0,308
CHR1	30785526	CHR1:30785526	SSF x Near_LoA	-6,18029542	-0,051	0,318
CHR1	30785527	CHR1:30785527	SSF x Near_LoA	-11,0466779	0,050	0,295
CHR1	30785528	CHR1:30785528	SSF x Near_LoA	-7,96614473	-0,079	0,302
CHR1	30785542	CHR1:30785542	SSF x Near_LoA	-10,008972	0,019	0,304
CHR1	30785575	CHR1:30785575	SSF x Near_LoA	-11,1592701	-0,046	0,308
CHR1	30785622	CHR1:30785622	SSF x Near_LoA	-7,33182971	-0,022	0,318
CHR1	30785623	CHR1:30785623	SSF x Near_LoA	-8,42490943	-0,105	0,300
CHR1	30785628	CHR1:30785628	SSF x Near_LoA	-10,019955	-0,065	0,310
CHR1	30785687	CHR1:30785687	SSF x Near_LoA	-11,8501187	0,001	0,294
CHR1	30785699	CHR1:30785699	SSF x Near_LoA	-6,92047828	-0,074	0,308
CHR1	30785709	CHR1:30785709	SSF x Near_LoA	-10,6439059	0,012	0,315
CHR1	30790599	CHR1:30790599	SSF x Near_LoA	-11,3632545	0,032	0,313
CHR1	30790629	CHR1:30790629	SSF x Near_LoA	-9,45785426	0,105	0,312
CHR1	30790662	CHR1:30790662	SSF x Near_LoA	-8,5508378	0,057	0,316
CHR1	30790665	CHR1:30790665	SSF x Near_LoA	-9,36853342	0,033	0,311
CHR1	30790678	CHR1:30790678	SSF x Near_LoA	-9,24677501	0,014	0,307
CHR1	30798033	CHR1:30798033	SSF x Near_LoA	-9,64306634	-0,015	0,299
CHR1	30805605	CHR1:30805605	SSF x Near_LoA	-6,33455345	0,045	0,321
CHR1	30805635	CHR1:30805635	SSF x Near_LoA	-9,24304695	-0,025	0,303
CHR1	30805659	CHR1:30805659	SSF x Near_LoA	-10,6569755	0,112	0,311
CHR1	30807552	CHR1:30807552	SSF x Near_LoA	-7,80310214	-0,025	0,308
CHR1	30811174	CHR1:30811174	SSF x Near_LoA	-7,6152715	-0,047	0,302
CHR1	30811187	CHR1:30811187	SSF x Near_LoA	-9,0826529	-0,035	0,308
CHR1	30811255	CHR1:30811255	SSF x Near_LoA	-8,92167152	0,140	0,311
CHR1	30811262	CHR1:30811262	SSF x Near_LoA	-9,96874916	0,018	0,310
CHR1	30811274	CHR1:30811274	SSF x Near_LoA	-8,73645409	0,167	0,292
CHR1	30811300	CHR1:30811300	SSF x Near_LoA	-9,77428155	0,086	0,295
CHR1	30815510	CHR1:30815510	SSF x Near_LoA	-9,11403694	-0,006	0,299
CHR1	30815542	CHR1:30815542	SSF x Near_LoA	-8,81844355	-0,012	0,313
CHR1	30815572	CHR1:30815572	SSF x Near_LoA	-11,8348873	0,013	0,300
CHR1	30815589	CHR1:30815589	SSF x Near_LoA	-10,7976311	-0,007	0,304
CHR1	30815854	CHR1:30815854	SSF x Near_LoA	-9,8279595	0,012	0,311
CHR1	3081872	CHR1:3081872	SSF x Near_LoA	-3,13775529	-0,234	0,299

CHR1	30825040	CHR1:30825040	SSF x Near_LoA	-9,08948033	0,058	0,311
CHR1	30825047	CHR1:30825047	SSF x Near_LoA	-8,99877468	0,071	0,305
CHR1	30825056	CHR1:30825056	SSF x Near_LoA	-8,65112373	0,030	0,310
CHR1	30825084	CHR1:30825084	SSF x Near_LoA	-9,92130082	-0,011	0,312
CHR1	30825086	CHR1:30825086	SSF x Near_LoA	-10,5416501	0,007	0,302
CHR1	30825159	CHR1:30825159	SSF x Near_LoA	-7,71082525	0,095	0,301
CHR1	30828363	CHR1:30828363	SSF x Near_LoA	-8,55735171	0,083	0,305
CHR1	30828375	CHR1:30828375	SSF x Near_LoA	-8,56620378	0,031	0,308
CHR1	30828459	CHR1:30828459	SSF x Near_LoA	-10,3215345	0,030	0,308
CHR1	30832075	CHR1:30832075	SSF x Near_LoA	-8,90607212	-0,001	0,313
CHR1	30834537	CHR1:30834537	SSF x Near_LoA	-9,13103665	-0,012	0,305
CHR1	30837256	CHR1:30837256	SSF x Near_LoA	-8,49862556	-0,103	0,301
CHR1	30837455	CHR1:30837455	SSF x Near_LoA	-9,53680809	-0,001	0,307
CHR1	30838597	CHR1:30838597	SSF x Near_LoA	-10,2669486	-0,062	0,318
CHR1	30838640	CHR1:30838640	SSF x Near_LoA	-8,72917451	0,047	0,312
CHR1	30838641	CHR1:30838641	SSF x Near_LoA	-8,65407484	0,045	0,314
CHR1	30842674	CHR1:30842674	SSF x Near_LoA	-10,7484927	-0,048	0,319
CHR1	30865772	CHR1:30865772	SSF x Near_LoA	-9,60648056	0,081	0,306
CHR1	30873923	CHR1:30873923	SSF x Near_LoA	-8,68161598	0,095	0,297
CHR1	30887100	CHR1:30887100	SSF x Near_LoA	-11,4002021	0,005	0,297
CHR1	30887212	CHR1:30887212	SSF x Near_LoA	-10,124129	0,060	0,306
CHR1	30887239	CHR1:30887239	SSF x Near_LoA	-7,00570982	-0,106	0,308
CHR1	30891164	CHR1:30891164	SSF x Near_LoA	-9,42723972	-0,002	0,313
CHR1	30891183	CHR1:30891183	SSF x Near_LoA	-5,60156378	-0,121	0,309
CHR1	30893852	CHR1:30893852	SSF x Near_LoA	-11,0580529	-0,021	0,303
CHR1	30900666	CHR1:30900666	SSF x Near_LoA	-7,38125176	0,114	0,300
CHR1	30902218	CHR1:30902218	SSF x Near_LoA	-8,65181993	-0,147	0,309
CHR1	30902223	CHR1:30902223	SSF x Near_LoA	-10,6588669	0,071	0,298
CHR1	3090302	CHR1:3090302	SSF x Near_LoA	-10,2515203	0,078	0,308
CHR1	3090304	CHR1:3090304	SSF x Near_LoA	-7,03303551	-0,013	0,315
CHR1	3090370	CHR1:3090370	SSF x Near_LoA	-10,3480181	-0,040	0,326
CHR1	30910691	CHR1:30910691	SSF x Near_LoA	-9,53689342	0,106	0,317
CHR1	30910886	CHR1:30910886	SSF x Near_LoA	-8,26476268	-0,116	0,314
CHR1	30915945	CHR1:30915945	SSF x Near_LoA	-9,55006781	-0,042	0,300
CHR1	30916011	CHR1:30916011	SSF x Near_LoA	-8,48789311	-0,004	0,325
CHR1	30916025	CHR1:30916025	SSF x Near_LoA	-8,13118469	0,030	0,322
CHR1	30916112	CHR1:30916112	SSF x Near_LoA	-9,00871324	-0,114	0,309
CHR1	30921305	CHR1:30921305	SSF x Near_LoA	-8,91017741	0,085	0,297
CHR1	30921340	CHR1:30921340	SSF x Near_LoA	-9,19133466	0,094	0,306
CHR1	30924080	CHR1:30924080	SSF x Near_LoA	-6,75078558	0,063	0,316
CHR1	30924130	CHR1:30924130	SSF x Near_LoA	-9,27171685	-0,001	0,304
CHR1	30924138	CHR1:30924138	SSF x Near_LoA	-3,09123933	0,113	0,310
CHR1	30924198	CHR1:30924198	SSF x Near_LoA	-7,70021398	-0,045	0,317
CHR1	30924322	CHR1:30924322	SSF x Near_LoA	-8,65656889	-0,085	0,305
CHR1	3093169	CHR1:3093169	SSF x Near_LoA	-9,48976	-0,070	0,310
CHR1	30943331	CHR1:30943331	SSF x Near_LoA	-9,83721595	0,034	0,298
CHR1	30961660	CHR1:30961660	SSF x Near_LoA	-11,237131	0,079	0,310
CHR1	30961673	CHR1:30961673	SSF x Near_LoA	-11,3744751	0,073	0,311
CHR1	30961694	CHR1:30961694	SSF x Near_LoA	-8,61873505	0,086	0,298
CHR1	30961738	CHR1:30961738	SSF x Near_LoA	-11,0269521	0,054	0,298
CHR1	30961746	CHR1:30961746	SSF x Near_LoA	-9,12588643	-0,071	0,309
CHR1	30961761	CHR1:30961761	SSF x Near_LoA	-8,72723032	-0,003	0,300
CHR1	30961788	CHR1:30961788	SSF x Near_LoA	-5,43152617	0,151	0,304

CHR1	30961813	CHR1:30961813	SSF x Near_LoA	-7,08903422	-0,151	0,303
CHR1	30961888	CHR1:30961888	SSF x Near_LoA	-10,7166641	0,067	0,302
CHR1	30967439	CHR1:30967439	SSF x Near_LoA	-10,0763737	-0,075	0,323
CHR1	30967445	CHR1:30967445	SSF x Near_LoA	-7,88322278	-0,127	0,293
CHR1	30967447	CHR1:30967447	SSF x Near_LoA	-11,2767132	-0,053	0,311
CHR1	30968669	CHR1:30968669	SSF x Near_LoA	-10,6226847	-0,051	0,310
CHR1	30968777	CHR1:30968777	SSF x Near_LoA	-11,0307999	-0,043	0,304
CHR1	30968827	CHR1:30968827	SSF x Near_LoA	-9,10854716	-0,136	0,312
CHR1	30968830	CHR1:30968830	SSF x Near_LoA	-3,5162053	-0,116	0,319
CHR1	30968860	CHR1:30968860	SSF x Near_LoA	-8,85050768	-0,043	0,313
CHR1	30968913	CHR1:30968913	SSF x Near_LoA	-11,1350192	-0,053	0,301
CHR1	3100820	CHR1:3100820	SSF x Near_LoA	-10,3393859	0,052	0,313
CHR1	3100857	CHR1:3100857	SSF x Near_LoA	-10,2172158	-0,019	0,301
CHR1	3100881	CHR1:3100881	SSF x Near_LoA	-10,2851658	-0,083	0,293
CHR1	3100901	CHR1:3100901	SSF x Near_LoA	-9,23831207	-0,020	0,305
CHR1	31013861	CHR1:31013861	SSF x Near_LoA	-7,2420671	-0,105	0,311
CHR1	31023520	CHR1:31023520	SSF x Near_LoA	-10,5989199	0,102	0,285
CHR1	31028429	CHR1:31028429	SSF x Near_LoA	-11,3621716	0,036	0,311
CHR1	310360	CHR1:310360	SSF x Near_LoA	-10,5246161	0,032	0,304
CHR1	31036046	CHR1:31036046	SSF x Near_LoA	-6,77459368	-0,097	0,299
CHR1	31036065	CHR1:31036065	SSF x Near_LoA	-9,8146305	-0,049	0,317
CHR1	31036108	CHR1:31036108	SSF x Near_LoA	-8,42434583	0,174	0,303
CHR1	31037655	CHR1:31037655	SSF x Near_LoA	-10,5758	-0,088	0,298
CHR1	31037658	CHR1:31037658	SSF x Near_LoA	-10,2577514	0,012	0,305
CHR1	310397	CHR1:310397	SSF x Near_LoA	-10,1962615	-0,065	0,309
CHR1	31041317	CHR1:31041317	SSF x Near_LoA	-11,7038943	0,078	0,298
CHR1	31041327	CHR1:31041327	SSF x Near_LoA	-7,83458342	0,098	0,317
CHR1	31041361	CHR1:31041361	SSF x Near_LoA	-10,7456115	-0,054	0,294
CHR1	31041490	CHR1:31041490	SSF x Near_LoA	-11,5547558	0,028	0,300
CHR1	31043031	CHR1:31043031	SSF x Near_LoA	-12,2150868	-0,004	0,308
CHR1	31043068	CHR1:31043068	SSF x Near_LoA	-7,15015517	0,084	0,316
CHR1	31043233	CHR1:31043233	SSF x Near_LoA	-11,1440733	-0,047	0,306
CHR1	31048107	CHR1:31048107	SSF x Near_LoA	-10,2506013	-0,008	0,318
CHR1	31049401	CHR1:31049401	SSF x Near_LoA	-2,97073778	-0,125	0,313
CHR1	31065449	CHR1:31065449	SSF x Near_LoA	-10,946546	-0,056	0,308
CHR1	31065696	CHR1:31065696	SSF x Near_LoA	-8,64716765	0,007	0,305
CHR1	31065711	CHR1:31065711	SSF x Near_LoA	-9,9647358	0,101	0,304
CHR1	31067244	CHR1:31067244	SSF x Near_LoA	-9,97956031	-0,065	0,310
CHR1	31087829	CHR1:31087829	SSF x Near_LoA	-9,94080582	-0,050	0,304
CHR1	31109905	CHR1:31109905	SSF x Near_LoA	-10,8446306	0,019	0,319
CHR1	3112737	CHR1:3112737	SSF x Near_LoA	-11,0297279	0,061	0,299
CHR1	31140405	CHR1:31140405	SSF x Near_LoA	-9,50826713	0,040	0,318
CHR1	31140459	CHR1:31140459	SSF x Near_LoA	-11,936659	0,073	0,296
CHR1	3114170	CHR1:3114170	SSF x Near_LoA	-9,99214956	-0,032	0,293
CHR1	31145841	CHR1:31145841	SSF x Near_LoA	-10,5529428	-0,026	0,301
CHR1	31146018	CHR1:31146018	SSF x Near_LoA	-10,6980849	0,033	0,305
CHR1	31146023	CHR1:31146023	SSF x Near_LoA	-10,0689444	0,046	0,313
CHR1	31149205	CHR1:31149205	SSF x Near_LoA	-7,9953709	0,148	0,307
CHR1	31154029	CHR1:31154029	SSF x Near_LoA	-10,6464747	0,060	0,309
CHR1	31154052	CHR1:31154052	SSF x Near_LoA	-10,5785356	0,033	0,308
CHR1	31159499	CHR1:31159499	SSF x Near_LoA	-9,48420679	0,090	0,311
CHR1	31159828	CHR1:31159828	SSF x Near_LoA	-10,096646	0,019	0,311
CHR1	31163305	CHR1:31163305	SSF x Near_LoA	-8,65609259	-0,102	0,308

CHR1	31163365	CHR1:31163365	SSF x Near_LoA	-11,1108244	-0,005	0,305
CHR1	31163450	CHR1:31163450	SSF x Near_LoA	-7,44630226	0,073	0,321
CHR1	31180087	CHR1:31180087	SSF x Near_LoA	-7,84921426	0,156	0,287
CHR1	31180095	CHR1:31180095	SSF x Near_LoA	-11,625445	-0,030	0,291
CHR1	31180132	CHR1:31180132	SSF x Near_LoA	-7,69410221	0,111	0,296
CHR1	31198254	CHR1:31198254	SSF x Near_LoA	-8,80559749	-0,036	0,313
CHR1	31198344	CHR1:31198344	SSF x Near_LoA	-10,7962729	0,009	0,309
CHR1	31198382	CHR1:31198382	SSF x Near_LoA	-8,57322286	-0,056	0,324
CHR1	31198388	CHR1:31198388	SSF x Near_LoA	-10,7649943	0,069	0,311
CHR1	31198442	CHR1:31198442	SSF x Near_LoA	-9,78843188	-0,004	0,298
CHR1	31198448	CHR1:31198448	SSF x Near_LoA	-9,64206664	0,044	0,290
CHR1	31203839	CHR1:31203839	SSF x Near_LoA	-5,52444511	0,022	0,307
CHR1	31203991	CHR1:31203991	SSF x Near_LoA	-8,18946911	0,082	0,305
CHR1	31205959	CHR1:31205959	SSF x Near_LoA	-11,1706904	0,125	0,288
CHR1	31206106	CHR1:31206106	SSF x Near_LoA	-9,4912511	0,028	0,302
CHR1	31206107	CHR1:31206107	SSF x Near_LoA	-10,2691772	0,066	0,287
CHR1	31206108	CHR1:31206108	SSF x Near_LoA	-9,47592633	0,073	0,310
CHR1	31212043	CHR1:31212043	SSF x Near_LoA	-9,8881251	0,001	0,309
CHR1	31212306	CHR1:31212306	SSF x Near_LoA	-10,405401	0,098	0,284
CHR1	31218654	CHR1:31218654	SSF x Near_LoA	-7,32066957	0,013	0,310
CHR1	312419	CHR1:312419	SSF x Near_LoA	-9,45155931	-0,031	0,304
CHR1	312426	CHR1:312426	SSF x Near_LoA	-7,86726885	0,026	0,301
CHR1	312488	CHR1:312488	SSF x Near_LoA	-6,61468569	-0,146	0,314
CHR1	312489	CHR1:312489	SSF x Near_LoA	-7,8236577	-0,129	0,303
CHR1	312503	CHR1:312503	SSF x Near_LoA	-4,12455714	-0,111	0,304
CHR1	312505	CHR1:312505	SSF x Near_LoA	-4,15003134	-0,153	0,307
CHR1	31257348	CHR1:31257348	SSF x Near_LoA	-9,14468041	0,098	0,298
CHR1	31257402	CHR1:31257402	SSF x Near_LoA	-10,9160645	-0,085	0,287
CHR1	312663	CHR1:312663	SSF x Near_LoA	0,1073998	-0,040	0,301
CHR1	31268624	CHR1:31268624	SSF x Near_LoA	-8,35249028	-0,011	0,302
CHR1	31283156	CHR1:31283156	SSF x Near_LoA	-8,67986384	0,024	0,317
CHR1	31283163	CHR1:31283163	SSF x Near_LoA	-8,40911761	-0,037	0,309
CHR1	31283175	CHR1:31283175	SSF x Near_LoA	-8,33137584	-0,022	0,325
CHR1	31283177	CHR1:31283177	SSF x Near_LoA	-8,45593286	0,008	0,319
CHR1	31295252	CHR1:31295252	SSF x Near_LoA	-11,0602392	-0,060	0,308
CHR1	31295306	CHR1:31295306	SSF x Near_LoA	-5,43162171	-0,022	0,318
CHR1	31295310	CHR1:31295310	SSF x Near_LoA	-10,5824598	-0,009	0,300
CHR1	31295344	CHR1:31295344	SSF x Near_LoA	-9,12728975	0,021	0,301
CHR1	3129833	CHR1:3129833	SSF x Near_LoA	-9,16326518	-0,011	0,312
CHR1	3129986	CHR1:3129986	SSF x Near_LoA	-11,5694741	-0,068	0,312
CHR1	3129990	CHR1:3129990	SSF x Near_LoA	-10,4534168	-0,051	0,311
CHR1	31301571	CHR1:31301571	SSF x Near_LoA	-7,345543	-0,124	0,283
CHR1	31303170	CHR1:31303170	SSF x Near_LoA	-8,43682188	0,127	0,304
CHR1	31303335	CHR1:31303335	SSF x Near_LoA	-8,67753859	0,124	0,307
CHR1	31303377	CHR1:31303377	SSF x Near_LoA	-8,41413647	-0,042	0,314
CHR1	31303413	CHR1:31303413	SSF x Near_LoA	-11,2421648	0,010	0,311
CHR1	31308180	CHR1:31308180	SSF x Near_LoA	-7,5564007	0,011	0,318
CHR1	31308200	CHR1:31308200	SSF x Near_LoA	-10,0241626	-0,099	0,298
CHR1	31308284	CHR1:31308284	SSF x Near_LoA	-8,15882651	-0,045	0,292
CHR1	31308894	CHR1:31308894	SSF x Near_LoA	-7,98661011	-0,047	0,311
CHR1	31321001	CHR1:31321001	SSF x Near_LoA	-7,07423536	-0,041	0,310
CHR1	31322484	CHR1:31322484	SSF x Near_LoA	-6,80377387	0,083	0,304
CHR1	31322502	CHR1:31322502	SSF x Near_LoA	-10,0728792	-0,100	0,309

CHR1	31329935	CHR1:31329935	SSF x Near_LoA	-10,5184592	0,076	0,317
CHR1	31333213	CHR1:31333213	SSF x Near_LoA	-9,91464455	0,010	0,302
CHR1	31333327	CHR1:31333327	SSF x Near_LoA	-10,920765	0,005	0,305
CHR1	3133601	CHR1:3133601	SSF x Near_LoA	-10,5074844	0,027	0,294
CHR1	3134530	CHR1:3134530	SSF x Near_LoA	-8,40614346	-0,022	0,308
CHR1	3134597	CHR1:3134597	SSF x Near_LoA	-10,3882095	0,055	0,308
CHR1	31347154	CHR1:31347154	SSF x Near_LoA	-10,6346753	0,045	0,315
CHR1	31359396	CHR1:31359396	SSF x Near_LoA	-9,13229008	0,005	0,312
CHR1	31359502	CHR1:31359502	SSF x Near_LoA	-10,0185424	0,062	0,306
CHR1	31359549	CHR1:31359549	SSF x Near_LoA	-8,30850725	-0,038	0,312
CHR1	31368693	CHR1:31368693	SSF x Near_LoA	-7,55166663	0,004	0,303
CHR1	31368742	CHR1:31368742	SSF x Near_LoA	-9,84634435	-0,056	0,311
CHR1	31368779	CHR1:31368779	SSF x Near_LoA	-8,11019572	0,035	0,293
CHR1	31368792	CHR1:31368792	SSF x Near_LoA	-8,37476503	0,055	0,292
CHR1	31368894	CHR1:31368894	SSF x Near_LoA	-9,31968631	-0,041	0,307
CHR1	31375718	CHR1:31375718	SSF x Near_LoA	-7,09103158	-0,023	0,311
CHR1	31375732	CHR1:31375732	SSF x Near_LoA	-10,8211485	0,054	0,307
CHR1	31375800	CHR1:31375800	SSF x Near_LoA	-10,9062646	0,040	0,301
CHR1	3138685	CHR1:3138685	SSF x Near_LoA	-11,5625629	-0,004	0,315
CHR1	3138733	CHR1:3138733	SSF x Near_LoA	-11,1110413	0,037	0,303
CHR1	3138746	CHR1:3138746	SSF x Near_LoA	-9,81443194	-0,018	0,306
CHR1	3138784	CHR1:3138784	SSF x Near_LoA	-5,90782144	0,126	0,306
CHR1	3138858	CHR1:3138858	SSF x Near_LoA	-0,56087048	0,015	0,319
CHR1	3138874	CHR1:3138874	SSF x Near_LoA	-10,4409625	0,057	0,317
CHR1	31391095	CHR1:31391095	SSF x Near_LoA	-8,56998632	0,000	0,296
CHR1	31391190	CHR1:31391190	SSF x Near_LoA	-9,6777179	0,059	0,311
CHR1	31395155	CHR1:31395155	SSF x Near_LoA	-8,82316206	-0,067	0,316
CHR1	31395210	CHR1:31395210	SSF x Near_LoA	-9,10431515	0,023	0,312
CHR1	31395278	CHR1:31395278	SSF x Near_LoA	-9,29314741	-0,007	0,299
CHR1	31400538	CHR1:31400538	SSF x Near_LoA	-8,78791073	0,012	0,319
CHR1	31400567	CHR1:31400567	SSF x Near_LoA	-5,44902074	-0,064	0,291
CHR1	31404946	CHR1:31404946	SSF x Near_LoA	-8,64967575	0,021	0,293
CHR1	31407470	CHR1:31407470	SSF x Near_LoA	-8,13974387	0,131	0,317
CHR1	31407482	CHR1:31407482	SSF x Near_LoA	-5,57909805	0,094	0,307
CHR1	31408212	CHR1:31408212	SSF x Near_LoA	-11,2211923	0,065	0,288
CHR1	31408219	CHR1:31408219	SSF x Near_LoA	-7,85962873	-0,012	0,311
CHR1	31408234	CHR1:31408234	SSF x Near_LoA	-8,02103786	-0,021	0,323
CHR1	31408260	CHR1:31408260	SSF x Near_LoA	-7,57732387	-0,071	0,316
CHR1	31411814	CHR1:31411814	SSF x Near_LoA	-8,36459411	-0,077	0,296
CHR1	31412024	CHR1:31412024	SSF x Near_LoA	-8,08124493	-0,100	0,308
CHR1	31416932	CHR1:31416932	SSF x Near_LoA	-8,36746398	-0,096	0,311
CHR1	31419000	CHR1:31419000	SSF x Near_LoA	-0,88271277	0,210	0,293
CHR1	31420075	CHR1:31420075	SSF x Near_LoA	-9,01225662	-0,050	0,311
CHR1	31420130	CHR1:31420130	SSF x Near_LoA	-5,24093318	0,026	0,323
CHR1	31420184	CHR1:31420184	SSF x Near_LoA	-5,97310388	0,050	0,309
CHR1	31422569	CHR1:31422569	SSF x Near_LoA	-8,83892505	0,028	0,298
CHR1	31426236	CHR1:31426236	SSF x Near_LoA	-8,73177397	-0,186	0,294
CHR1	31426374	CHR1:31426374	SSF x Near_LoA	-11,6773073	0,027	0,312
CHR1	31431588	CHR1:31431588	SSF x Near_LoA	-8,69443486	-0,051	0,315
CHR1	31432894	CHR1:31432894	SSF x Near_LoA	-2,35107003	0,030	0,317
CHR1	31433051	CHR1:31433051	SSF x Near_LoA	-7,83869981	-0,125	0,306
CHR1	31433142	CHR1:31433142	SSF x Near_LoA	-3,41547589	-0,172	0,306
CHR1	31434022	CHR1:31434022	SSF x Near_LoA	-9,395983	0,022	0,310

CHR1	31434035	CHR1:31434035	SSF x Near_LoA	-8,85916603	-0,099	0,300
CHR1	31445796	CHR1:31445796	SSF x Near_LoA	-9,59113273	0,030	0,310
CHR1	31445812	CHR1:31445812	SSF x Near_LoA	-8,44334701	0,010	0,312
CHR1	31448993	CHR1:31448993	SSF x Near_LoA	-7,5896099	-0,052	0,309
CHR1	31449057	CHR1:31449057	SSF x Near_LoA	-9,83081068	-0,046	0,303
CHR1	31451317	CHR1:31451317	SSF x Near_LoA	-9,86389407	-0,055	0,319
CHR1	31451381	CHR1:31451381	SSF x Near_LoA	-6,33720641	0,112	0,321
CHR1	31458279	CHR1:31458279	SSF x Near_LoA	-10,8065875	-0,022	0,314
CHR1	31458436	CHR1:31458436	SSF x Near_LoA	-7,98303658	-0,001	0,309
CHR1	3146040	CHR1:3146040	SSF x Near_LoA	-10,2860484	0,000	0,312
CHR1	31467654	CHR1:31467654	SSF x Near_LoA	-8,19135972	-0,109	0,293
CHR1	31468866	CHR1:31468866	SSF x Near_LoA	-7,4779644	0,120	0,294
CHR1	31478644	CHR1:31478644	SSF x Near_LoA	2,02848795	0,208	0,296
CHR1	31495715	CHR1:31495715	SSF x Near_LoA	-7,18507286	-0,078	0,306
CHR1	31501826	CHR1:31501826	SSF x Near_LoA	-7,92798742	-0,060	0,309
CHR1	31511264	CHR1:31511264	SSF x Near_LoA	-8,12034129	-0,003	0,322
CHR1	31511524	CHR1:31511524	SSF x Near_LoA	-9,22733546	-0,021	0,306
CHR1	31511551	CHR1:31511551	SSF x Near_LoA	-8,60878982	-0,031	0,308
CHR1	31516629	CHR1:31516629	SSF x Near_LoA	-10,3442349	-0,038	0,327
CHR1	31516718	CHR1:31516718	SSF x Near_LoA	-9,47744977	-0,045	0,311
CHR1	31516869	CHR1:31516869	SSF x Near_LoA	-6,86496939	0,013	0,298
CHR1	31527420	CHR1:31527420	SSF x Near_LoA	-7,03412881	-0,107	0,294
CHR1	31527424	CHR1:31527424	SSF x Near_LoA	-10,892772	0,048	0,320
CHR1	31527433	CHR1:31527433	SSF x Near_LoA	-10,770906	0,003	0,306
CHR1	31527500	CHR1:31527500	SSF x Near_LoA	-8,62548927	-0,011	0,311
CHR1	31539009	CHR1:31539009	SSF x Near_LoA	-6,98575527	-0,064	0,325
CHR1	31539034	CHR1:31539034	SSF x Near_LoA	-9,53122972	-0,002	0,301
CHR1	31539060	CHR1:31539060	SSF x Near_LoA	-7,21169421	-0,020	0,317
CHR1	31539076	CHR1:31539076	SSF x Near_LoA	-8,93653776	0,027	0,306
CHR1	31539080	CHR1:31539080	SSF x Near_LoA	-9,12550467	0,023	0,301
CHR1	31539122	CHR1:31539122	SSF x Near_LoA	-9,16745554	-0,016	0,308
CHR1	31548521	CHR1:31548521	SSF x Near_LoA	-8,62195294	0,010	0,300
CHR1	31548587	CHR1:31548587	SSF x Near_LoA	-10,5374289	-0,056	0,300
CHR1	31550181	CHR1:31550181	SSF x Near_LoA	-10,6661678	-0,061	0,306
CHR1	31550274	CHR1:31550274	SSF x Near_LoA	-9,5106256	-0,099	0,296
CHR1	31554859	CHR1:31554859	SSF x Near_LoA	-10,1927974	0,030	0,300
CHR1	31554885	CHR1:31554885	SSF x Near_LoA	-10,4074816	-0,011	0,304
CHR1	31554913	CHR1:31554913	SSF x Near_LoA	-10,2978654	-0,093	0,289
CHR1	31554938	CHR1:31554938	SSF x Near_LoA	-9,34910258	0,054	0,300
CHR1	31569331	CHR1:31569331	SSF x Near_LoA	-9,3929539	0,046	0,301
CHR1	31569436	CHR1:31569436	SSF x Near_LoA	-5,81079149	-0,066	0,317
CHR1	31569501	CHR1:31569501	SSF x Near_LoA	-10,8326818	0,018	0,306
CHR1	31577185	CHR1:31577185	SSF x Near_LoA	-9,82764873	-0,065	0,317
CHR1	31580697	CHR1:31580697	SSF x Near_LoA	-10,972979	0,039	0,318
CHR1	31580858	CHR1:31580858	SSF x Near_LoA	-9,48567421	0,047	0,316
CHR1	31588720	CHR1:31588720	SSF x Near_LoA	-8,81041257	0,073	0,299
CHR1	31588750	CHR1:31588750	SSF x Near_LoA	-7,8440561	0,072	0,297
CHR1	31591621	CHR1:31591621	SSF x Near_LoA	-8,90843727	-0,177	0,290
CHR1	31591705	CHR1:31591705	SSF x Near_LoA	-3,95867562	-0,153	0,326
CHR1	31591793	CHR1:31591793	SSF x Near_LoA	-7,87475837	0,154	0,307
CHR1	31616741	CHR1:31616741	SSF x Near_LoA	-10,3810676	0,066	0,310
CHR1	31616839	CHR1:31616839	SSF x Near_LoA	-7,75929389	0,014	0,325
CHR1	31616844	CHR1:31616844	SSF x Near_LoA	-9,41866059	-0,007	0,303

CHR1	31616966	CHR1:31616966	SSF x Near_LoA	-9,75699597	0,014	0,300
CHR1	31616986	CHR1:31616986	SSF x Near_LoA	-9,8206434	0,131	0,291
CHR1	31624902	CHR1:31624902	SSF x Near_LoA	-7,48598951	0,118	0,305
CHR1	31625113	CHR1:31625113	SSF x Near_LoA	1,52019521	-0,159	0,318
CHR1	31625119	CHR1:31625119	SSF x Near_LoA	-9,89672625	0,029	0,324
CHR1	31630077	CHR1:31630077	SSF x Near_LoA	-8,18720723	0,152	0,303
CHR1	31630138	CHR1:31630138	SSF x Near_LoA	-6,22131421	0,152	0,290
CHR1	31630210	CHR1:31630210	SSF x Near_LoA	-10,8799238	-0,010	0,309
CHR1	31630236	CHR1:31630236	SSF x Near_LoA	-10,0070533	0,045	0,297
CHR1	31630310	CHR1:31630310	SSF x Near_LoA	-11,5233736	0,020	0,302
CHR1	31630316	CHR1:31630316	SSF x Near_LoA	-10,034311	-0,002	0,307
CHR1	31636053	CHR1:31636053	SSF x Near_LoA	-11,2751918	0,038	0,309
CHR1	31636091	CHR1:31636091	SSF x Near_LoA	-7,86702983	-0,114	0,299
CHR1	31636302	CHR1:31636302	SSF x Near_LoA	-9,42619805	0,111	0,307
CHR1	31647547	CHR1:31647547	SSF x Near_LoA	-9,81501769	0,090	0,290
CHR1	31649672	CHR1:31649672	SSF x Near_LoA	-9,85791818	0,055	0,308
CHR1	31652401	CHR1:31652401	SSF x Near_LoA	-6,86227377	0,138	0,312
CHR1	31655573	CHR1:31655573	SSF x Near_LoA	-11,1444665	-0,065	0,300
CHR1	31658764	CHR1:31658764	SSF x Near_LoA	-11,5319117	0,058	0,296
CHR1	31658790	CHR1:31658790	SSF x Near_LoA	-10,0084748	0,011	0,304
CHR1	31665933	CHR1:31665933	SSF x Near_LoA	-7,92384279	0,053	0,308
CHR1	31666857	CHR1:31666857	SSF x Near_LoA	-9,18959819	-0,097	0,306
CHR1	31666888	CHR1:31666888	SSF x Near_LoA	-9,3756806	-0,080	0,312
CHR1	31684981	CHR1:31684981	SSF x Near_LoA	-10,1575683	0,025	0,309
CHR1	31697319	CHR1:31697319	SSF x Near_LoA	-9,24239104	0,066	0,311
CHR1	31697326	CHR1:31697326	SSF x Near_LoA	-10,0804912	-0,106	0,294
CHR1	31697350	CHR1:31697350	SSF x Near_LoA	-11,688263	0,034	0,309
CHR1	31697371	CHR1:31697371	SSF x Near_LoA	-8,39538465	-0,133	0,308
CHR1	31697439	CHR1:31697439	SSF x Near_LoA	-8,64842625	0,108	0,304
CHR1	31701287	CHR1:31701287	SSF x Near_LoA	-10,3278496	-0,069	0,309
CHR1	31709655	CHR1:31709655	SSF x Near_LoA	-9,61073611	0,074	0,313
CHR1	31718645	CHR1:31718645	SSF x Near_LoA	-7,66708548	0,095	0,298
CHR1	31718665	CHR1:31718665	SSF x Near_LoA	-8,33207985	-0,038	0,310
CHR1	31718682	CHR1:31718682	SSF x Near_LoA	-9,35959224	-0,016	0,305
CHR1	31727716	CHR1:31727716	SSF x Near_LoA	-9,24235581	0,068	0,301
CHR1	31727897	CHR1:31727897	SSF x Near_LoA	-5,54720299	-0,024	0,312
CHR1	31727958	CHR1:31727958	SSF x Near_LoA	-10,0333158	0,019	0,300
CHR1	31741588	CHR1:31741588	SSF x Near_LoA	-10,8754395	0,055	0,298
CHR1	3174470	CHR1:3174470	SSF x Near_LoA	-6,83008008	-0,117	0,310
CHR1	31745564	CHR1:31745564	SSF x Near_LoA	-8,66837579	-0,127	0,295
CHR1	31745630	CHR1:31745630	SSF x Near_LoA	-11,1032091	-0,011	0,310
CHR1	3174618	CHR1:3174618	SSF x Near_LoA	-7,98287995	-0,150	0,311
CHR1	31750687	CHR1:31750687	SSF x Near_LoA	-10,0335983	-0,031	0,300
CHR1	31750713	CHR1:31750713	SSF x Near_LoA	-11,2446617	-0,025	0,305
CHR1	31753721	CHR1:31753721	SSF x Near_LoA	-8,52592181	-0,122	0,303
CHR1	31753901	CHR1:31753901	SSF x Near_LoA	-6,69894501	0,079	0,290
CHR1	31759310	CHR1:31759310	SSF x Near_LoA	-8,07480136	0,058	0,305
CHR1	31770223	CHR1:31770223	SSF x Near_LoA	-11,3011637	-0,051	0,306
CHR1	3177834	CHR1:3177834	SSF x Near_LoA	-10,377329	0,037	0,292
CHR1	3177932	CHR1:3177932	SSF x Near_LoA	-9,85816191	0,133	0,304
CHR1	3177953	CHR1:3177953	SSF x Near_LoA	-11,4246582	-0,088	0,315
CHR1	31780200	CHR1:31780200	SSF x Near_LoA	-7,85920616	0,079	0,299
CHR1	31780247	CHR1:31780247	SSF x Near_LoA	-7,39369274	0,101	0,299

CHR1	31784841	CHR1:31784841	SSF x Near_LoA	-8,76039525	-0,015	0,300
CHR1	31784865	CHR1:31784865	SSF x Near_LoA	-8,78465346	0,072	0,305
CHR1	31785062	CHR1:31785062	SSF x Near_LoA	-10,0265235	-0,051	0,314
CHR1	31785071	CHR1:31785071	SSF x Near_LoA	-9,43493198	0,076	0,313
CHR1	31788140	CHR1:31788140	SSF x Near_LoA	-7,71412582	-0,071	0,307
CHR1	31795259	CHR1:31795259	SSF x Near_LoA	-7,84634811	-0,032	0,307
CHR1	31795340	CHR1:31795340	SSF x Near_LoA	-8,99146768	0,059	0,320
CHR1	31797616	CHR1:31797616	SSF x Near_LoA	-10,9269262	-0,058	0,298
CHR1	31800099	CHR1:31800099	SSF x Near_LoA	-9,43636085	-0,013	0,314
CHR1	31803812	CHR1:31803812	SSF x Near_LoA	-7,83354675	-0,128	0,298
CHR1	31812873	CHR1:31812873	SSF x Near_LoA	-8,72635555	0,036	0,305
CHR1	31817979	CHR1:31817979	SSF x Near_LoA	-11,3844008	0,053	0,312
CHR1	31818054	CHR1:31818054	SSF x Near_LoA	-11,3170791	0,007	0,308
CHR1	31825911	CHR1:31825911	SSF x Near_LoA	-6,31288236	-0,246	0,295
CHR1	31825920	CHR1:31825920	SSF x Near_LoA	-11,2548159	0,001	0,305
CHR1	31825952	CHR1:31825952	SSF x Near_LoA	-7,92393282	-0,131	0,298
CHR1	31825959	CHR1:31825959	SSF x Near_LoA	-7,10836549	-0,145	0,300
CHR1	31826004	CHR1:31826004	SSF x Near_LoA	-4,60774486	-0,224	0,288
CHR1	31826018	CHR1:31826018	SSF x Near_LoA	-4,27674655	-0,231	0,303
CHR1	31830595	CHR1:31830595	SSF x Near_LoA	-8,44825118	0,002	0,311
CHR1	31830606	CHR1:31830606	SSF x Near_LoA	-9,42835417	-0,011	0,301
CHR1	3183229	CHR1:3183229	SSF x Near_LoA	-9,94628743	-0,040	0,318
CHR1	3183308	CHR1:3183308	SSF x Near_LoA	-8,9896525	0,004	0,308
CHR1	31836944	CHR1:31836944	SSF x Near_LoA	-8,48463555	0,094	0,294
CHR1	31837018	CHR1:31837018	SSF x Near_LoA	-10,5216164	0,064	0,321
CHR1	31837027	CHR1:31837027	SSF x Near_LoA	-7,97317793	0,047	0,309
CHR1	31837046	CHR1:31837046	SSF x Near_LoA	-11,6142835	0,068	0,313
CHR1	31842902	CHR1:31842902	SSF x Near_LoA	-9,03063878	0,002	0,305
CHR1	31842919	CHR1:31842919	SSF x Near_LoA	-8,82719334	0,051	0,303
CHR1	31842937	CHR1:31842937	SSF x Near_LoA	-8,85902925	-0,008	0,294
CHR1	31843180	CHR1:31843180	SSF x Near_LoA	-8,39151916	0,040	0,297
CHR1	31857136	CHR1:31857136	SSF x Near_LoA	-3,74041277	-0,167	0,298
CHR1	3186068	CHR1:3186068	SSF x Near_LoA	-10,1030243	0,052	0,307
CHR1	31860899	CHR1:31860899	SSF x Near_LoA	-9,09900359	0,086	0,304
CHR1	31861081	CHR1:31861081	SSF x Near_LoA	-7,94211353	-0,075	0,310
CHR1	31861130	CHR1:31861130	SSF x Near_LoA	-7,14928673	-0,111	0,297
CHR1	31864833	CHR1:31864833	SSF x Near_LoA	-8,30711107	0,006	0,317
CHR1	31864999	CHR1:31864999	SSF x Near_LoA	-10,3596033	0,091	0,306
CHR1	31865091	CHR1:31865091	SSF x Near_LoA	-9,00540264	-0,022	0,311
CHR1	31869032	CHR1:31869032	SSF x Near_LoA	-9,70856138	0,049	0,309
CHR1	31869161	CHR1:31869161	SSF x Near_LoA	-11,6064103	-0,024	0,302
CHR1	31876332	CHR1:31876332	SSF x Near_LoA	-10,6611271	0,006	0,310
CHR1	31880382	CHR1:31880382	SSF x Near_LoA	-8,74782202	0,009	0,305
CHR1	31885424	CHR1:31885424	SSF x Near_LoA	-8,34194887	-0,017	0,319
CHR1	3189765	CHR1:3189765	SSF x Near_LoA	-9,38621347	0,057	0,302
CHR1	31901788	CHR1:31901788	SSF x Near_LoA	-8,16011406	0,098	0,304
CHR1	31907184	CHR1:31907184	SSF x Near_LoA	-10,29406	0,052	0,295
CHR1	31915007	CHR1:31915007	SSF x Near_LoA	-9,04664714	-0,039	0,299
CHR1	31919131	CHR1:31919131	SSF x Near_LoA	-8,43129777	-0,048	0,324
CHR1	31926079	CHR1:31926079	SSF x Near_LoA	-8,69704176	0,023	0,311
CHR1	31926118	CHR1:31926118	SSF x Near_LoA	-9,49140233	-0,058	0,304
CHR1	31926208	CHR1:31926208	SSF x Near_LoA	-10,1748048	-0,109	0,308
CHR1	31926210	CHR1:31926210	SSF x Near_LoA	-9,64540952	-0,079	0,311

CHR1	31928057	CHR1:31928057	SSF x Near_LoA	-6,72507931	-0,079	0,305
CHR1	31928156	CHR1:31928156	SSF x Near_LoA	-5,4181282	0,037	0,304
CHR1	31928161	CHR1:31928161	SSF x Near_LoA	-7,7744701	0,058	0,305
CHR1	31928162	CHR1:31928162	SSF x Near_LoA	-4,9688082	-0,092	0,303
CHR1	31965982	CHR1:31965982	SSF x Near_LoA	-6,90732096	0,018	0,313
CHR1	31974722	CHR1:31974722	SSF x Near_LoA	-8,98336957	0,051	0,311
CHR1	31974939	CHR1:31974939	SSF x Near_LoA	-10,6677961	0,047	0,306
CHR1	31980444	CHR1:31980444	SSF x Near_LoA	-9,47669218	-0,048	0,300
CHR1	31996561	CHR1:31996561	SSF x Near_LoA	-10,0257591	-0,015	0,311
CHR1	32008379	CHR1:32008379	SSF x Near_LoA	-10,855126	-0,017	0,306
CHR1	32008419	CHR1:32008419	SSF x Near_LoA	-11,1767936	0,075	0,300
CHR1	32011517	CHR1:32011517	SSF x Near_LoA	-9,56146572	-0,072	0,309
CHR1	32013179	CHR1:32013179	SSF x Near_LoA	-7,48423323	0,083	0,311
CHR1	32017142	CHR1:32017142	SSF x Near_LoA	-8,56431753	0,037	0,312
CHR1	32017170	CHR1:32017170	SSF x Near_LoA	-8,53552419	-0,012	0,307
CHR1	32019139	CHR1:32019139	SSF x Near_LoA	-7,83133174	0,035	0,301
CHR1	32037951	CHR1:32037951	SSF x Near_LoA	-8,06810891	0,073	0,298
CHR1	32045022	CHR1:32045022	SSF x Near_LoA	-7,7751997	-0,093	0,318
CHR1	32045033	CHR1:32045033	SSF x Near_LoA	-8,70625275	0,043	0,304
CHR1	32045050	CHR1:32045050	SSF x Near_LoA	-8,01560509	0,035	0,314
CHR1	32045204	CHR1:32045204	SSF x Near_LoA	-9,97730709	0,026	0,324
CHR1	32057580	CHR1:32057580	SSF x Near_LoA	-8,71025943	0,037	0,305
CHR1	32061733	CHR1:32061733	SSF x Near_LoA	-9,33026439	0,088	0,291
CHR1	32073871	CHR1:32073871	SSF x Near_LoA	-8,33513402	-0,049	0,310
CHR1	3207897	CHR1:3207897	SSF x Near_LoA	-9,79758301	-0,059	0,320
CHR1	3208092	CHR1:3208092	SSF x Near_LoA	-4,71930512	-0,044	0,308
CHR1	32084057	CHR1:32084057	SSF x Near_LoA	-9,08759002	0,047	0,297
CHR1	32093003	CHR1:32093003	SSF x Near_LoA	-8,57817007	-0,040	0,296
CHR1	32093107	CHR1:32093107	SSF x Near_LoA	-9,81165464	0,076	0,307
CHR1	32093109	CHR1:32093109	SSF x Near_LoA	-7,95153609	-0,026	0,307
CHR1	32112641	CHR1:32112641	SSF x Near_LoA	-9,15972714	-0,064	0,295
CHR1	32112687	CHR1:32112687	SSF x Near_LoA	-9,10556822	0,020	0,298
CHR1	32112811	CHR1:32112811	SSF x Near_LoA	-7,3462978	-0,070	0,306
CHR1	32112817	CHR1:32112817	SSF x Near_LoA	-7,72247394	-0,035	0,311
CHR1	32112939	CHR1:32112939	SSF x Near_LoA	-8,13931081	0,062	0,303
CHR1	32125665	CHR1:32125665	SSF x Near_LoA	-11,9639803	-0,007	0,305
CHR1	32127731	CHR1:32127731	SSF x Near_LoA	-8,99401177	0,039	0,319
CHR1	32132767	CHR1:32132767	SSF x Near_LoA	-7,93212131	-0,046	0,303
CHR1	32132792	CHR1:32132792	SSF x Near_LoA	-8,0859625	-0,077	0,310
CHR1	32132808	CHR1:32132808	SSF x Near_LoA	-5,4198972	-0,054	0,299
CHR1	32144299	CHR1:32144299	SSF x Near_LoA	-9,47379357	-0,003	0,310
CHR1	32144797	CHR1:32144797	SSF x Near_LoA	-9,88745551	-0,059	0,298
CHR1	32144826	CHR1:32144826	SSF x Near_LoA	-8,70033044	-0,100	0,301
CHR1	32150340	CHR1:32150340	SSF x Near_LoA	-11,026908	0,040	0,304
CHR1	32150368	CHR1:32150368	SSF x Near_LoA	-5,87858971	0,004	0,293
CHR1	32161717	CHR1:32161717	SSF x Near_LoA	-9,95092955	-0,057	0,294
CHR1	32161824	CHR1:32161824	SSF x Near_LoA	-11,0608413	0,057	0,306
CHR1	32161895	CHR1:32161895	SSF x Near_LoA	-9,30097476	0,052	0,313
CHR1	32177311	CHR1:32177311	SSF x Near_LoA	-8,43124635	-0,038	0,294
CHR1	32177419	CHR1:32177419	SSF x Near_LoA	-9,82676803	-0,008	0,309
CHR1	32177435	CHR1:32177435	SSF x Near_LoA	-8,70017652	-0,032	0,298
CHR1	32177436	CHR1:32177436	SSF x Near_LoA	-8,39036707	-0,033	0,311
CHR1	32177508	CHR1:32177508	SSF x Near_LoA	-8,93235238	-0,031	0,295

CHR1	32177550	CHR1:32177550	SSF x Near_LoA	-9,7105088	-0,049	0,299
CHR1	3218439	CHR1:3218439	SSF x Near_LoA	-8,865339	-0,155	0,302
CHR1	3218441	CHR1:3218441	SSF x Near_LoA	-10,2093365	-0,055	0,301
CHR1	3218502	CHR1:3218502	SSF x Near_LoA	-9,65114534	-0,052	0,307
CHR1	3218674	CHR1:3218674	SSF x Near_LoA	-8,78848994	0,053	0,316
CHR1	3218682	CHR1:3218682	SSF x Near_LoA	-8,22297344	-0,011	0,312
CHR1	3218701	CHR1:3218701	SSF x Near_LoA	-8,07005466	-0,019	0,314
CHR1	32189580	CHR1:32189580	SSF x Near_LoA	-8,04564112	-0,111	0,290
CHR1	32196957	CHR1:32196957	SSF x Near_LoA	-7,38645344	-0,065	0,306
CHR1	32197017	CHR1:32197017	SSF x Near_LoA	-5,12622208	-0,065	0,293
CHR1	32198777	CHR1:32198777	SSF x Near_LoA	-6,80852543	-0,111	0,303
CHR1	32201580	CHR1:32201580	SSF x Near_LoA	-9,41254774	0,054	0,314
CHR1	32209794	CHR1:32209794	SSF x Near_LoA	-6,72436654	0,163	0,306
CHR1	32211939	CHR1:32211939	SSF x Near_LoA	-9,87536903	-0,013	0,307
CHR1	32216028	CHR1:32216028	SSF x Near_LoA	-10,6543389	-0,013	0,301
CHR1	32218720	CHR1:32218720	SSF x Near_LoA	2,82734697	-0,072	0,288
CHR1	32224027	CHR1:32224027	SSF x Near_LoA	-8,90278477	0,029	0,317
CHR1	32228582	CHR1:32228582	SSF x Near_LoA	-8,29571651	-0,004	0,298
CHR1	32232351	CHR1:32232351	SSF x Near_LoA	-10,1988288	-0,038	0,319
CHR1	32250012	CHR1:32250012	SSF x Near_LoA	-11,1388772	0,083	0,309
CHR1	32250064	CHR1:32250064	SSF x Near_LoA	-10,8368149	0,073	0,306
CHR1	32274376	CHR1:32274376	SSF x Near_LoA	-7,95774788	-0,079	0,298
CHR1	3236230	CHR1:3236230	SSF x Near_LoA	-9,9930795	0,092	0,300
CHR1	3236373	CHR1:3236373	SSF x Near_LoA	-8,24612005	0,075	0,315
CHR1	3240911	CHR1:3240911	SSF x Near_LoA	-8,73882791	0,152	0,304
CHR1	3240934	CHR1:3240934	SSF x Near_LoA	-9,01195108	0,088	0,320
CHR1	3241060	CHR1:3241060	SSF x Near_LoA	-9,67094878	0,106	0,309
CHR1	3241133	CHR1:3241133	SSF x Near_LoA	-9,3396875	-0,100	0,307
CHR1	3250009	CHR1:3250009	SSF x Near_LoA	-8,03572687	0,086	0,308
CHR1	3250038	CHR1:3250038	SSF x Near_LoA	-10,4078233	0,038	0,307
CHR1	3253504	CHR1:3253504	SSF x Near_LoA	-11,2342225	-0,055	0,310
CHR1	3255444	CHR1:3255444	SSF x Near_LoA	-8,10265212	-0,018	0,304
CHR1	3255469	CHR1:3255469	SSF x Near_LoA	-9,89769919	-0,050	0,307
CHR1	3255603	CHR1:3255603	SSF x Near_LoA	-8,42214334	-0,081	0,307
CHR1	3266902	CHR1:3266902	SSF x Near_LoA	-10,0098269	0,042	0,305
CHR1	3271981	CHR1:3271981	SSF x Near_LoA	-7,99433253	0,149	0,299
CHR1	3277393	CHR1:3277393	SSF x Near_LoA	-11,1596503	-0,022	0,300
CHR1	3277420	CHR1:3277420	SSF x Near_LoA	-8,12630208	0,061	0,308
CHR1	3277444	CHR1:3277444	SSF x Near_LoA	-8,20655363	-0,119	0,307
CHR1	3277446	CHR1:3277446	SSF x Near_LoA	-4,98990192	0,003	0,315
CHR1	3290183	CHR1:3290183	SSF x Near_LoA	-8,96749369	-0,046	0,314
CHR1	3290189	CHR1:3290189	SSF x Near_LoA	-9,82711642	-0,029	0,292
CHR1	3293528	CHR1:3293528	SSF x Near_LoA	-9,84952966	-0,062	0,315
CHR1	3293603	CHR1:3293603	SSF x Near_LoA	-8,7223179	0,021	0,315
CHR1	3293604	CHR1:3293604	SSF x Near_LoA	-8,69631751	0,040	0,306
CHR1	3293660	CHR1:3293660	SSF x Near_LoA	-9,10511762	-0,037	0,315
CHR1	3293661	CHR1:3293661	SSF x Near_LoA	-8,73988134	-0,004	0,325
CHR1	3295352	CHR1:3295352	SSF x Near_LoA	-9,29465969	0,010	0,302
CHR1	3295476	CHR1:3295476	SSF x Near_LoA	-10,553929	-0,006	0,308
CHR1	3295531	CHR1:3295531	SSF x Near_LoA	-8,4492202	-0,012	0,302
CHR1	3296963	CHR1:3296963	SSF x Near_LoA	-10,9594849	-0,046	0,324
CHR1	3312631	CHR1:3312631	SSF x Near_LoA	-9,51190336	-0,012	0,315
CHR1	331655	CHR1:331655	SSF x Near_LoA	-11,5119708	-0,040	0,303

CHR1	331671	CHR1:331671	SSF x Near_LoA	-11,4797367	-0,037	0,310
CHR1	331716	CHR1:331716	SSF x Near_LoA	-9,13940843	-0,074	0,292
CHR1	3335075	CHR1:3335075	SSF x Near_LoA	-6,719366	-0,087	0,300
CHR1	3335080	CHR1:3335080	SSF x Near_LoA	-9,17993173	0,014	0,296
CHR1	3335151	CHR1:3335151	SSF x Near_LoA	-4,84703245	-0,117	0,298
CHR1	3335152	CHR1:3335152	SSF x Near_LoA	-8,51789006	-0,121	0,309
CHR1	3335269	CHR1:3335269	SSF x Near_LoA	-7,99431063	0,057	0,295
CHR1	3335323	CHR1:3335323	SSF x Near_LoA	-7,63466212	-0,147	0,311
CHR1	3345889	CHR1:3345889	SSF x Near_LoA	-10,0627203	0,092	0,311
CHR1	3345904	CHR1:3345904	SSF x Near_LoA	-10,0320884	0,013	0,306
CHR1	3345949	CHR1:3345949	SSF x Near_LoA	-7,99268521	-0,130	0,300
CHR1	3352522	CHR1:3352522	SSF x Near_LoA	-8,9378022	0,015	0,309
CHR1	3352545	CHR1:3352545	SSF x Near_LoA	-10,1063539	0,030	0,310
CHR1	3352583	CHR1:3352583	SSF x Near_LoA	-7,71793842	-0,032	0,295
CHR1	3352645	CHR1:3352645	SSF x Near_LoA	-7,86675465	-0,061	0,327
CHR1	3352651	CHR1:3352651	SSF x Near_LoA	-12,5776379	-0,025	0,299
CHR1	3360141	CHR1:3360141	SSF x Near_LoA	-7,3721685	0,149	0,299
CHR1	3360153	CHR1:3360153	SSF x Near_LoA	-9,53362764	-0,023	0,312
CHR1	3362768	CHR1:3362768	SSF x Near_LoA	-6,38913991	0,137	0,301
CHR1	3362794	CHR1:3362794	SSF x Near_LoA	-6,65832319	0,168	0,301
CHR1	3362807	CHR1:3362807	SSF x Near_LoA	-8,79665218	0,032	0,300
CHR1	3367720	CHR1:3367720	SSF x Near_LoA	-10,0237338	-0,047	0,312
CHR1	3367802	CHR1:3367802	SSF x Near_LoA	-9,39299973	-0,123	0,294
CHR1	3367808	CHR1:3367808	SSF x Near_LoA	-9,13367885	0,054	0,309
CHR1	3367930	CHR1:3367930	SSF x Near_LoA	-6,51763641	-0,136	0,316
CHR1	3367956	CHR1:3367956	SSF x Near_LoA	-8,67350546	0,024	0,308
CHR1	3371282	CHR1:3371282	SSF x Near_LoA	-3,33020746	0,129	0,317
CHR1	3371283	CHR1:3371283	SSF x Near_LoA	-7,66060673	-0,078	0,311
CHR1	3371294	CHR1:3371294	SSF x Near_LoA	-8,70753637	-0,087	0,309
CHR1	3381910	CHR1:3381910	SSF x Near_LoA	-6,63180509	0,062	0,308
CHR1	3381958	CHR1:3381958	SSF x Near_LoA	-10,4984284	0,068	0,300
CHR1	3381987	CHR1:3381987	SSF x Near_LoA	-7,00209193	0,194	0,302
CHR1	3382062	CHR1:3382062	SSF x Near_LoA	-6,76865831	0,046	0,303
CHR1	3382097	CHR1:3382097	SSF x Near_LoA	-8,24102459	0,106	0,311
CHR1	3382117	CHR1:3382117	SSF x Near_LoA	-8,6754871	0,032	0,310
CHR1	3382977	CHR1:3382977	SSF x Near_LoA	-11,3378504	0,058	0,310
CHR1	3383044	CHR1:3383044	SSF x Near_LoA	-10,8638896	-0,013	0,306
CHR1	3389429	CHR1:3389429	SSF x Near_LoA	-9,84341795	-0,004	0,326
CHR1	3389640	CHR1:3389640	SSF x Near_LoA	-11,7403738	0,078	0,302
CHR1	3405280	CHR1:3405280	SSF x Near_LoA	-8,16672544	-0,028	0,306
CHR1	3405288	CHR1:3405288	SSF x Near_LoA	-9,586804	0,016	0,309
CHR1	3405289	CHR1:3405289	SSF x Near_LoA	-7,76865403	-0,016	0,319
CHR1	3405310	CHR1:3405310	SSF x Near_LoA	-8,67827186	0,000	0,302
CHR1	3405364	CHR1:3405364	SSF x Near_LoA	-10,5342056	-0,079	0,309
CHR1	3407407	CHR1:3407407	SSF x Near_LoA	-10,1425611	0,122	0,306
CHR1	3407427	CHR1:3407427	SSF x Near_LoA	-3,63212195	-0,187	0,308
CHR1	3407444	CHR1:3407444	SSF x Near_LoA	-7,73918379	0,058	0,290
CHR1	3411455	CHR1:3411455	SSF x Near_LoA	-9,88584445	0,109	0,301
CHR1	3421480	CHR1:3421480	SSF x Near_LoA	-7,39162814	-0,114	0,314
CHR1	3421552	CHR1:3421552	SSF x Near_LoA	-9,59730183	-0,056	0,302
CHR1	3421590	CHR1:3421590	SSF x Near_LoA	-12,2427713	0,007	0,317
CHR1	3425836	CHR1:3425836	SSF x Near_LoA	-7,33144369	0,109	0,309
CHR1	3425882	CHR1:3425882	SSF x Near_LoA	-11,7765657	0,035	0,308

CHR1	3427043	CHR1:3427043	SSF x Near_LoA	-10,6077563	0,082	0,324
CHR1	3427112	CHR1:3427112	SSF x Near_LoA	-5,03849813	0,126	0,309
CHR1	3427204	CHR1:3427204	SSF x Near_LoA	-8,75920419	-0,097	0,304
CHR1	3427207	CHR1:3427207	SSF x Near_LoA	-6,71885019	-0,120	0,327
CHR1	3446722	CHR1:3446722	SSF x Near_LoA	-7,2804499	-0,031	0,307
CHR1	3452930	CHR1:3452930	SSF x Near_LoA	-6,32684203	0,124	0,290
CHR1	3452938	CHR1:3452938	SSF x Near_LoA	-9,20225837	-0,044	0,289
CHR1	3452978	CHR1:3452978	SSF x Near_LoA	-10,3788559	-0,075	0,309
CHR1	3452989	CHR1:3452989	SSF x Near_LoA	-8,81551648	-0,014	0,307
CHR1	3453051	CHR1:3453051	SSF x Near_LoA	-9,51342316	0,140	0,292
CHR1	3453052	CHR1:3453052	SSF x Near_LoA	-7,98401975	-0,034	0,315
CHR1	3453066	CHR1:3453066	SSF x Near_LoA	-10,6681545	0,034	0,307
CHR1	3455360	CHR1:3455360	SSF x Near_LoA	-8,30807964	-0,057	0,305
CHR1	3455364	CHR1:3455364	SSF x Near_LoA	-5,58615309	-0,091	0,305
CHR1	3455378	CHR1:3455378	SSF x Near_LoA	-9,03821639	0,041	0,299
CHR1	3455385	CHR1:3455385	SSF x Near_LoA	-10,7287235	0,024	0,311
CHR1	3455394	CHR1:3455394	SSF x Near_LoA	-8,66622136	-0,121	0,299
CHR1	3455395	CHR1:3455395	SSF x Near_LoA	-8,78355865	0,055	0,298
CHR1	3455474	CHR1:3455474	SSF x Near_LoA	-9,60364088	0,011	0,302
CHR1	3455616	CHR1:3455616	SSF x Near_LoA	-9,36932911	-0,079	0,298
CHR1	3455660	CHR1:3455660	SSF x Near_LoA	-8,04584113	0,058	0,298
CHR1	3455668	CHR1:3455668	SSF x Near_LoA	-6,87994849	-0,090	0,318
CHR1	346207	CHR1:346207	SSF x Near_LoA	-6,76831884	0,140	0,296
CHR1	346233	CHR1:346233	SSF x Near_LoA	-5,78221013	-0,106	0,299
CHR1	346251	CHR1:346251	SSF x Near_LoA	-9,67263722	-0,153	0,304
CHR1	3472484	CHR1:3472484	SSF x Near_LoA	-6,53837714	-0,104	0,309
CHR1	3472520	CHR1:3472520	SSF x Near_LoA	-7,45733252	0,202	0,291
CHR1	3472526	CHR1:3472526	SSF x Near_LoA	-9,20772183	-0,001	0,330
CHR1	3472542	CHR1:3472542	SSF x Near_LoA	-9,11382858	0,062	0,289
CHR1	3472567	CHR1:3472567	SSF x Near_LoA	-8,07738345	-0,058	0,291
CHR1	3478338	CHR1:3478338	SSF x Near_LoA	-3,29855588	-0,222	0,278
CHR1	3478349	CHR1:3478349	SSF x Near_LoA	-6,9741504	0,003	0,322
CHR1	3481388	CHR1:3481388	SSF x Near_LoA	-8,34297009	0,030	0,294
CHR1	3481426	CHR1:3481426	SSF x Near_LoA	-9,86804283	-0,104	0,309
CHR1	3481468	CHR1:3481468	SSF x Near_LoA	-9,59695169	-0,112	0,301
CHR1	348179	CHR1:348179	SSF x Near_LoA	-7,82542183	0,026	0,310
CHR1	348208	CHR1:348208	SSF x Near_LoA	-9,20902279	-0,043	0,314
CHR1	3482702	CHR1:3482702	SSF x Near_LoA	-9,61331887	0,020	0,311
CHR1	348295	CHR1:348295	SSF x Near_LoA	-6,04474727	-0,036	0,326
CHR1	3490632	CHR1:3490632	SSF x Near_LoA	-10,8888563	-0,026	0,308
CHR1	3494325	CHR1:3494325	SSF x Near_LoA	-6,63386081	0,099	0,307
CHR1	3494371	CHR1:3494371	SSF x Near_LoA	-8,43028714	-0,053	0,313
CHR1	3494405	CHR1:3494405	SSF x Near_LoA	-6,87582765	0,092	0,299
CHR1	3494423	CHR1:3494423	SSF x Near_LoA	-11,7344977	-0,088	0,298
CHR1	3497714	CHR1:3497714	SSF x Near_LoA	-0,26151778	-0,180	0,317
CHR1	3497742	CHR1:3497742	SSF x Near_LoA	-8,38121983	-0,073	0,302
CHR1	3497760	CHR1:3497760	SSF x Near_LoA	-6,85814801	-0,133	0,306
CHR1	3497767	CHR1:3497767	SSF x Near_LoA	-8,91628757	0,075	0,295
CHR1	3497912	CHR1:3497912	SSF x Near_LoA	-7,24400554	0,124	0,294
CHR1	3497913	CHR1:3497913	SSF x Near_LoA	-9,70278237	0,123	0,288
CHR1	3509817	CHR1:3509817	SSF x Near_LoA	-9,3350871	0,021	0,313
CHR1	3514486	CHR1:3514486	SSF x Near_LoA	-9,57108468	-0,074	0,305
CHR1	3514511	CHR1:3514511	SSF x Near_LoA	-9,47756456	-0,075	0,303

CHR1	3514604	CHR1:3514604	SSF x Near_LoA	-9,40902109	0,004	0,305
CHR1	3514642	CHR1:3514642	SSF x Near_LoA	-8,54719549	0,091	0,298
CHR1	3514719	CHR1:3514719	SSF x Near_LoA	-9,46437511	0,042	0,303
CHR1	3526169	CHR1:3526169	SSF x Near_LoA	-10,014919	0,078	0,309
CHR1	3526230	CHR1:3526230	SSF x Near_LoA	-10,6963314	-0,024	0,309
CHR1	3529378	CHR1:3529378	SSF x Near_LoA	-11,1191306	-0,097	0,300
CHR1	3532191	CHR1:3532191	SSF x Near_LoA	-9,08953608	-0,044	0,315
CHR1	3532216	CHR1:3532216	SSF x Near_LoA	-9,26303304	-0,096	0,314
CHR1	3532248	CHR1:3532248	SSF x Near_LoA	-2,14348003	0,084	0,306
CHR1	3532264	CHR1:3532264	SSF x Near_LoA	-9,27609674	-0,112	0,295
CHR1	3532281	CHR1:3532281	SSF x Near_LoA	-8,37696432	0,019	0,316
CHR1	3532353	CHR1:3532353	SSF x Near_LoA	-8,06721179	-0,069	0,317
CHR1	3542656	CHR1:3542656	SSF x Near_LoA	-11,6082461	-0,028	0,313
CHR1	3542695	CHR1:3542695	SSF x Near_LoA	-9,52578124	0,048	0,286
CHR1	3542751	CHR1:3542751	SSF x Near_LoA	-9,52661528	-0,072	0,316
CHR1	3542777	CHR1:3542777	SSF x Near_LoA	-8,34825248	-0,044	0,318
CHR1	3542783	CHR1:3542783	SSF x Near_LoA	-7,21244795	0,093	0,303
CHR1	3542788	CHR1:3542788	SSF x Near_LoA	-9,06761168	-0,042	0,317
CHR1	3545111	CHR1:3545111	SSF x Near_LoA	-8,2692922	0,011	0,302
CHR1	3545122	CHR1:3545122	SSF x Near_LoA	-10,980965	-0,034	0,306
CHR1	3545207	CHR1:3545207	SSF x Near_LoA	-11,3677249	0,066	0,307
CHR1	3545233	CHR1:3545233	SSF x Near_LoA	-7,72845951	-0,135	0,308
CHR1	3547820	CHR1:3547820	SSF x Near_LoA	-9,26124253	-0,008	0,305
CHR1	3547837	CHR1:3547837	SSF x Near_LoA	-10,1384546	-0,060	0,305
CHR1	3547887	CHR1:3547887	SSF x Near_LoA	-5,70314974	-0,116	0,312
CHR1	3567225	CHR1:3567225	SSF x Near_LoA	-9,11231738	-0,016	0,306
CHR1	3567283	CHR1:3567283	SSF x Near_LoA	-7,94345768	0,042	0,316
CHR1	3567301	CHR1:3567301	SSF x Near_LoA	-7,18396909	-0,036	0,299
CHR1	3567349	CHR1:3567349	SSF x Near_LoA	-9,65387305	0,047	0,309
CHR1	3567376	CHR1:3567376	SSF x Near_LoA	-10,9626766	0,015	0,303
CHR1	3577051	CHR1:3577051	SSF x Near_LoA	-7,52434883	-0,035	0,312
CHR1	3577074	CHR1:3577074	SSF x Near_LoA	-5,76044479	0,153	0,296
CHR1	3577077	CHR1:3577077	SSF x Near_LoA	-10,073819	0,023	0,306
CHR1	3577082	CHR1:3577082	SSF x Near_LoA	-9,73794626	0,031	0,297
CHR1	3577130	CHR1:3577130	SSF x Near_LoA	-8,28637428	-0,090	0,296
CHR1	3577154	CHR1:3577154	SSF x Near_LoA	-9,85978499	0,003	0,308
CHR1	3593820	CHR1:3593820	SSF x Near_LoA	-10,0374861	-0,071	0,295
CHR1	3596400	CHR1:3596400	SSF x Near_LoA	-9,52290029	0,037	0,303
CHR1	3596408	CHR1:3596408	SSF x Near_LoA	-8,2894832	0,089	0,310
CHR1	3601223	CHR1:3601223	SSF x Near_LoA	-8,33419258	-0,122	0,300
CHR1	3601271	CHR1:3601271	SSF x Near_LoA	-9,14818461	-0,019	0,322
CHR1	3601334	CHR1:3601334	SSF x Near_LoA	-6,91474366	0,173	0,298
CHR1	3601480	CHR1:3601480	SSF x Near_LoA	-10,5118588	0,111	0,306
CHR1	3616130	CHR1:3616130	SSF x Near_LoA	-9,85180887	0,052	0,297
CHR1	3616161	CHR1:3616161	SSF x Near_LoA	-9,57414967	0,055	0,298
CHR1	3616187	CHR1:3616187	SSF x Near_LoA	-6,97085422	0,043	0,321
CHR1	3616244	CHR1:3616244	SSF x Near_LoA	-9,49720113	-0,149	0,294
CHR1	3620273	CHR1:3620273	SSF x Near_LoA	-7,93738774	0,079	0,305
CHR1	3620287	CHR1:3620287	SSF x Near_LoA	-0,90205966	0,206	0,304
CHR1	3623597	CHR1:3623597	SSF x Near_LoA	-9,90355998	0,053	0,320
CHR1	3623616	CHR1:3623616	SSF x Near_LoA	-8,43105342	-0,139	0,299
CHR1	3623697	CHR1:3623697	SSF x Near_LoA	-7,57801353	-0,030	0,315
CHR1	3631892	CHR1:3631892	SSF x Near_LoA	-9,76906315	-0,049	0,318

CHR1	3643296	CHR1:3643296	SSF x Near_LoA	-11,2799552	-0,017	0,302
CHR1	3643312	CHR1:3643312	SSF x Near_LoA	-10,0384503	0,038	0,307
CHR1	3644924	CHR1:3644924	SSF x Near_LoA	-11,0789295	0,010	0,304
CHR1	3667574	CHR1:3667574	SSF x Near_LoA	-9,86903427	0,039	0,312
CHR1	3679137	CHR1:3679137	SSF x Near_LoA	-9,89471133	0,101	0,309
CHR1	3682223	CHR1:3682223	SSF x Near_LoA	-11,021465	-0,020	0,300
CHR1	3694368	CHR1:3694368	SSF x Near_LoA	-10,5586575	0,022	0,313
CHR1	3695285	CHR1:3695285	SSF x Near_LoA	-8,75564187	0,088	0,308
CHR1	3695288	CHR1:3695288	SSF x Near_LoA	-10,2872803	0,014	0,318
CHR1	3695294	CHR1:3695294	SSF x Near_LoA	-9,51452897	-0,074	0,311
CHR1	3708219	CHR1:3708219	SSF x Near_LoA	-11,1343158	0,037	0,316
CHR1	3709419	CHR1:3709419	SSF x Near_LoA	-8,4923147	0,021	0,292
CHR1	3709496	CHR1:3709496	SSF x Near_LoA	-8,61770243	-0,026	0,300
CHR1	3711644	CHR1:3711644	SSF x Near_LoA	-9,5060803	-0,056	0,306
CHR1	3715332	CHR1:3715332	SSF x Near_LoA	-9,67565862	-0,097	0,299
CHR1	3715357	CHR1:3715357	SSF x Near_LoA	-9,16491403	0,116	0,295
CHR1	3715360	CHR1:3715360	SSF x Near_LoA	-11,8402381	0,038	0,307
CHR1	3715374	CHR1:3715374	SSF x Near_LoA	-11,7396882	0,029	0,303
CHR1	3715446	CHR1:3715446	SSF x Near_LoA	-10,6118595	0,011	0,315
CHR1	3717393	CHR1:3717393	SSF x Near_LoA	-9,35224155	-0,063	0,313
CHR1	3717474	CHR1:3717474	SSF x Near_LoA	-9,84205361	-0,002	0,311
CHR1	3717551	CHR1:3717551	SSF x Near_LoA	-10,2470907	0,044	0,305
CHR1	3717576	CHR1:3717576	SSF x Near_LoA	-9,19524723	0,106	0,312
CHR1	3717590	CHR1:3717590	SSF x Near_LoA	-7,33837584	-0,172	0,305
CHR1	3717619	CHR1:3717619	SSF x Near_LoA	1,91216764	0,134	0,271
CHR1	3719803	CHR1:3719803	SSF x Near_LoA	-1,50201756	-0,138	0,310
CHR1	3730170	CHR1:3730170	SSF x Near_LoA	5,71773643	0,052	0,307
CHR1	3730211	CHR1:3730211	SSF x Near_LoA	-10,0696905	0,017	0,306
CHR1	3730333	CHR1:3730333	SSF x Near_LoA	-10,2731369	-0,018	0,315
CHR1	373360	CHR1:373360	SSF x Near_LoA	-8,01322485	-0,027	0,303
CHR1	3737372	CHR1:3737372	SSF x Near_LoA	-8,95594835	-0,115	0,302
CHR1	3737405	CHR1:3737405	SSF x Near_LoA	-9,55511329	-0,086	0,293
CHR1	3742098	CHR1:3742098	SSF x Near_LoA	-7,25726082	-0,166	0,292
CHR1	3742121	CHR1:3742121	SSF x Near_LoA	-8,79604757	0,030	0,291
CHR1	3742122	CHR1:3742122	SSF x Near_LoA	-9,38124965	0,022	0,306
CHR1	3748091	CHR1:3748091	SSF x Near_LoA	-10,7239048	-0,050	0,309
CHR1	3775578	CHR1:3775578	SSF x Near_LoA	-8,30237507	-0,071	0,314
CHR1	3775580	CHR1:3775580	SSF x Near_LoA	-10,4511996	-0,039	0,301
CHR1	3775601	CHR1:3775601	SSF x Near_LoA	-8,60435045	-0,117	0,303
CHR1	3787263	CHR1:3787263	SSF x Near_LoA	-10,8096237	0,060	0,321
CHR1	3787324	CHR1:3787324	SSF x Near_LoA	-7,4460444	-0,049	0,307
CHR1	3801378	CHR1:3801378	SSF x Near_LoA	-10,5759892	0,012	0,304
CHR1	3801408	CHR1:3801408	SSF x Near_LoA	-9,06717874	0,031	0,316
CHR1	380609	CHR1:380609	SSF x Near_LoA	-8,18943918	-0,042	0,318
CHR1	3806842	CHR1:3806842	SSF x Near_LoA	-9,19116199	0,008	0,315
CHR1	3806910	CHR1:3806910	SSF x Near_LoA	-8,41129842	-0,064	0,311
CHR1	3810405	CHR1:3810405	SSF x Near_LoA	-10,9100079	0,006	0,299
CHR1	3810558	CHR1:3810558	SSF x Near_LoA	-9,25597089	0,011	0,314
CHR1	3810646	CHR1:3810646	SSF x Near_LoA	-9,40575298	-0,068	0,311
CHR1	3815711	CHR1:3815711	SSF x Near_LoA	-8,79220797	-0,044	0,294
CHR1	3815735	CHR1:3815735	SSF x Near_LoA	-8,87411244	-0,054	0,308
CHR1	3815745	CHR1:3815745	SSF x Near_LoA	-10,8935422	-0,060	0,309
CHR1	3815828	CHR1:3815828	SSF x Near_LoA	-9,23877398	0,201	0,276

CHR1	3815864	CHR1:3815864	SSF x Near_LoA	3,39043754	0,153	0,292
CHR1	3815871	CHR1:3815871	SSF x Near_LoA	-8,83177933	-0,037	0,319
CHR1	3820320	CHR1:3820320	SSF x Near_LoA	-7,97476838	0,078	0,294
CHR1	3820449	CHR1:3820449	SSF x Near_LoA	-10,7682351	0,011	0,313
CHR1	3820474	CHR1:3820474	SSF x Near_LoA	-9,15097724	-0,010	0,308
CHR1	382373	CHR1:382373	SSF x Near_LoA	-9,17387668	-0,040	0,315
CHR1	3836760	CHR1:3836760	SSF x Near_LoA	-9,87078535	-0,036	0,315
CHR1	3836816	CHR1:3836816	SSF x Near_LoA	-9,901444	-0,084	0,299
CHR1	3836831	CHR1:3836831	SSF x Near_LoA	-9,90052458	-0,009	0,304
CHR1	3836837	CHR1:3836837	SSF x Near_LoA	-10,5100851	0,127	0,306
CHR1	3836838	CHR1:3836838	SSF x Near_LoA	-8,31089114	0,014	0,308
CHR1	3841538	CHR1:3841538	SSF x Near_LoA	-9,79387022	0,102	0,303
CHR1	3841549	CHR1:3841549	SSF x Near_LoA	-7,40271115	-0,161	0,308
CHR1	3841555	CHR1:3841555	SSF x Near_LoA	-10,5781942	-0,058	0,316
CHR1	3841585	CHR1:3841585	SSF x Near_LoA	-7,33113611	0,057	0,296
CHR1	3847979	CHR1:3847979	SSF x Near_LoA	-10,2541129	0,055	0,300
CHR1	3848053	CHR1:3848053	SSF x Near_LoA	-9,32005793	0,018	0,316
CHR1	3848084	CHR1:3848084	SSF x Near_LoA	-9,92761232	0,045	0,304
CHR1	3849460	CHR1:3849460	SSF x Near_LoA	-9,30882302	0,080	0,313
CHR1	3849475	CHR1:3849475	SSF x Near_LoA	-7,9056222	0,055	0,320
CHR1	3849508	CHR1:3849508	SSF x Near_LoA	-6,90450634	0,065	0,310
CHR1	3849578	CHR1:3849578	SSF x Near_LoA	-10,5215307	-0,053	0,320
CHR1	3863411	CHR1:3863411	SSF x Near_LoA	-7,34883125	0,037	0,304
CHR1	3876409	CHR1:3876409	SSF x Near_LoA	-5,79759297	0,090	0,301
CHR1	388550	CHR1:388550	SSF x Near_LoA	-9,03532337	0,000	0,319
CHR1	388786	CHR1:388786	SSF x Near_LoA	-10,1195824	-0,060	0,297
CHR1	388898	CHR1:388898	SSF x Near_LoA	-11,0854861	-0,009	0,322
CHR1	3899368	CHR1:3899368	SSF x Near_LoA	-11,7364363	0,027	0,292
CHR1	3899378	CHR1:3899378	SSF x Near_LoA	-10,657969	0,071	0,296
CHR1	3913836	CHR1:3913836	SSF x Near_LoA	-9,13080809	-0,014	0,293
CHR1	3913926	CHR1:3913926	SSF x Near_LoA	-11,1655916	0,014	0,303
CHR1	3913929	CHR1:3913929	SSF x Near_LoA	-10,1262837	-0,020	0,306
CHR1	3913940	CHR1:3913940	SSF x Near_LoA	-11,2505419	-0,002	0,313
CHR1	3914075	CHR1:3914075	SSF x Near_LoA	-5,05234647	-0,103	0,320
CHR1	3914077	CHR1:3914077	SSF x Near_LoA	-10,0269994	0,031	0,308
CHR1	3914086	CHR1:3914086	SSF x Near_LoA	-8,08196098	0,052	0,317
CHR1	3920892	CHR1:3920892	SSF x Near_LoA	-10,8258492	-0,069	0,313
CHR1	3920954	CHR1:3920954	SSF x Near_LoA	-10,3192395	-0,002	0,289
CHR1	3920955	CHR1:3920955	SSF x Near_LoA	-10,9598126	0,032	0,294
CHR1	3920990	CHR1:3920990	SSF x Near_LoA	-8,90677052	-0,071	0,320
CHR1	3942774	CHR1:3942774	SSF x Near_LoA	-9,58970337	0,002	0,313
CHR1	3942798	CHR1:3942798	SSF x Near_LoA	-6,71263638	0,073	0,310
CHR1	3942858	CHR1:3942858	SSF x Near_LoA	-9,06047982	-0,133	0,298
CHR1	3943569	CHR1:3943569	SSF x Near_LoA	-11,0514455	-0,052	0,312
CHR1	3957744	CHR1:3957744	SSF x Near_LoA	-11,0587626	0,031	0,314
CHR1	3957772	CHR1:3957772	SSF x Near_LoA	-9,11381509	0,025	0,311
CHR1	3971442	CHR1:3971442	SSF x Near_LoA	-9,88336416	-0,081	0,312
CHR1	3972654	CHR1:3972654	SSF x Near_LoA	-8,58662127	-0,132	0,321
CHR1	3972709	CHR1:3972709	SSF x Near_LoA	-6,45258387	-0,037	0,314
CHR1	3977561	CHR1:3977561	SSF x Near_LoA	-9,1571247	-0,041	0,306
CHR1	3977586	CHR1:3977586	SSF x Near_LoA	11,2107471	0,104	0,313
CHR1	3978767	CHR1:3978767	SSF x Near_LoA	-11,3801407	0,000	0,319
CHR1	3983768	CHR1:3983768	SSF x Near_LoA	-9,16320677	-0,029	0,319

CHR1	3983812	CHR1:3983812	SSF x Near_LoA	-6,14303408	0,030	0,310
CHR1	3983925	CHR1:3983925	SSF x Near_LoA	-10,0264994	0,065	0,299
CHR1	3987249	CHR1:3987249	SSF x Near_LoA	-11,0879417	0,046	0,309
CHR1	3987262	CHR1:3987262	SSF x Near_LoA	-11,4196554	-0,001	0,316
CHR1	3987324	CHR1:3987324	SSF x Near_LoA	-10,3461449	-0,060	0,306
CHR1	399009	CHR1:399009	SSF x Near_LoA	-10,0764537	0,073	0,292
CHR1	3992737	CHR1:3992737	SSF x Near_LoA	-9,213249	-0,027	0,310
CHR1	3992759	CHR1:3992759	SSF x Near_LoA	-8,59479485	-0,037	0,307
CHR1	400816	CHR1:400816	SSF x Near_LoA	-10,9238178	-0,038	0,309
CHR1	4010858	CHR1:4010858	SSF x Near_LoA	-10,2267024	0,083	0,302
CHR1	4010884	CHR1:4010884	SSF x Near_LoA	-4,06454073	0,093	0,322
CHR1	4010910	CHR1:4010910	SSF x Near_LoA	-7,88794419	0,087	0,303
CHR1	4010916	CHR1:4010916	SSF x Near_LoA	-5,97249062	0,112	0,302
CHR1	4010920	CHR1:4010920	SSF x Near_LoA	-8,73550009	-0,116	0,295
CHR1	4010935	CHR1:4010935	SSF x Near_LoA	1,63978374	0,043	0,309
CHR1	4010939	CHR1:4010939	SSF x Near_LoA	-9,5837335	0,025	0,304
CHR1	4010942	CHR1:4010942	SSF x Near_LoA	-8,1739998	0,046	0,319
CHR1	4010953	CHR1:4010953	SSF x Near_LoA	-6,40226343	-0,173	0,302
CHR1	4013700	CHR1:4013700	SSF x Near_LoA	-10,6132708	-0,003	0,301
CHR1	4015183	CHR1:4015183	SSF x Near_LoA	-8,193704	0,039	0,306
CHR1	4015196	CHR1:4015196	SSF x Near_LoA	-7,81282354	0,032	0,324
CHR1	4021291	CHR1:4021291	SSF x Near_LoA	-9,75285575	-0,082	0,309
CHR1	4021394	CHR1:4021394	SSF x Near_LoA	-10,8377127	-0,065	0,310
CHR1	4021531	CHR1:4021531	SSF x Near_LoA	-11,0474877	-0,045	0,290
CHR1	4021608	CHR1:4021608	SSF x Near_LoA	-9,12777937	0,099	0,305
CHR1	4031828	CHR1:4031828	SSF x Near_LoA	-8,37118459	0,074	0,302
CHR1	4031904	CHR1:4031904	SSF x Near_LoA	-5,97205561	-0,014	0,319
CHR1	4052760	CHR1:4052760	SSF x Near_LoA	-10,388039	-0,003	0,323
CHR1	4052827	CHR1:4052827	SSF x Near_LoA	-10,2811404	0,029	0,285
CHR1	4052860	CHR1:4052860	SSF x Near_LoA	-9,16586984	0,047	0,306
CHR1	4060925	CHR1:4060925	SSF x Near_LoA	-11,3384532	-0,005	0,308
CHR1	4061123	CHR1:4061123	SSF x Near_LoA	-9,84542465	-0,119	0,309
CHR1	4066271	CHR1:4066271	SSF x Near_LoA	-10,1382928	0,011	0,313
CHR1	4066493	CHR1:4066493	SSF x Near_LoA	-11,8561567	0,007	0,304
CHR1	4080310	CHR1:4080310	SSF x Near_LoA	-10,9585256	0,018	0,302
CHR1	4082763	CHR1:4082763	SSF x Near_LoA	-6,78435285	0,181	0,290
CHR1	409593	CHR1:409593	SSF x Near_LoA	-7,20974392	-0,105	0,309
CHR1	409659	CHR1:409659	SSF x Near_LoA	-8,75853161	0,006	0,308
CHR1	410390	CHR1:410390	SSF x Near_LoA	-10,3491687	-0,039	0,312
CHR1	4111527	CHR1:4111527	SSF x Near_LoA	-7,08942493	0,015	0,306
CHR1	4113299	CHR1:4113299	SSF x Near_LoA	-6,79801496	0,095	0,313
CHR1	4113338	CHR1:4113338	SSF x Near_LoA	-9,26407119	-0,082	0,320
CHR1	4114850	CHR1:4114850	SSF x Near_LoA	-8,25904381	-0,105	0,306
CHR1	412420	CHR1:412420	SSF x Near_LoA	-8,55127645	-0,087	0,299
CHR1	412429	CHR1:412429	SSF x Near_LoA	-8,32949525	-0,102	0,302
CHR1	412490	CHR1:412490	SSF x Near_LoA	-2,98169909	0,080	0,312
CHR1	4132151	CHR1:4132151	SSF x Near_LoA	-9,99480906	-0,015	0,314
CHR1	4132153	CHR1:4132153	SSF x Near_LoA	-8,83788569	0,113	0,289
CHR1	4132167	CHR1:4132167	SSF x Near_LoA	-11,295604	0,025	0,306
CHR1	4132176	CHR1:4132176	SSF x Near_LoA	-9,96422148	0,024	0,308
CHR1	4132220	CHR1:4132220	SSF x Near_LoA	-10,6228446	0,086	0,309
CHR1	4132234	CHR1:4132234	SSF x Near_LoA	-9,06928797	0,012	0,307
CHR1	4137715	CHR1:4137715	SSF x Near_LoA	-11,6731236	-0,053	0,309

CHR1	4137737	CHR1:4137737	SSF x Near_LoA	-8,67046049	0,042	0,316
CHR1	4137781	CHR1:4137781	SSF x Near_LoA	-10,2016222	0,059	0,306
CHR1	4137795	CHR1:4137795	SSF x Near_LoA	-10,1671433	0,072	0,307
CHR1	4137840	CHR1:4137840	SSF x Near_LoA	-7,37932196	-0,070	0,308
CHR1	4137905	CHR1:4137905	SSF x Near_LoA	-8,65526248	-0,073	0,311
CHR1	4137956	CHR1:4137956	SSF x Near_LoA	-10,6872856	-0,082	0,311
CHR1	4137959	CHR1:4137959	SSF x Near_LoA	-10,3285858	-0,049	0,290
CHR1	4144752	CHR1:4144752	SSF x Near_LoA	-9,76917704	0,037	0,306
CHR1	4144801	CHR1:4144801	SSF x Near_LoA	-7,13129536	0,056	0,305
CHR1	4146551	CHR1:4146551	SSF x Near_LoA	-7,61541408	0,139	0,298
CHR1	4146561	CHR1:4146561	SSF x Near_LoA	-9,80055964	0,005	0,311
CHR1	4146562	CHR1:4146562	SSF x Near_LoA	-10,6207623	-0,063	0,315
CHR1	4146616	CHR1:4146616	SSF x Near_LoA	-9,86125489	0,063	0,300
CHR1	4149939	CHR1:4149939	SSF x Near_LoA	-11,3917625	0,034	0,302
CHR1	4158849	CHR1:4158849	SSF x Near_LoA	-7,65342862	0,027	0,308
CHR1	4158910	CHR1:4158910	SSF x Near_LoA	-6,89661009	0,169	0,298
CHR1	4158933	CHR1:4158933	SSF x Near_LoA	-10,9568181	-0,058	0,310
CHR1	4158959	CHR1:4158959	SSF x Near_LoA	-10,0214884	-0,027	0,310
CHR1	4160601	CHR1:4160601	SSF x Near_LoA	-10,2243963	-0,103	0,294
CHR1	4160660	CHR1:4160660	SSF x Near_LoA	-9,30336423	0,078	0,312
CHR1	4160712	CHR1:4160712	SSF x Near_LoA	-8,23121437	-0,001	0,306
CHR1	4160719	CHR1:4160719	SSF x Near_LoA	-7,68838415	-0,069	0,303
CHR1	4164569	CHR1:4164569	SSF x Near_LoA	-8,2944273	0,115	0,303
CHR1	4164651	CHR1:4164651	SSF x Near_LoA	-5,63967667	0,119	0,310
CHR1	4164681	CHR1:4164681	SSF x Near_LoA	-8,84514055	-0,119	0,306
CHR1	4164744	CHR1:4164744	SSF x Near_LoA	-9,01358071	0,085	0,299
CHR1	4175853	CHR1:4175853	SSF x Near_LoA	-8,24720955	-0,044	0,302
CHR1	4186536	CHR1:4186536	SSF x Near_LoA	-5,45825108	-0,027	0,318
CHR1	4186585	CHR1:4186585	SSF x Near_LoA	-10,6153208	-0,049	0,307
CHR1	4193917	CHR1:4193917	SSF x Near_LoA	-10,2182145	-0,060	0,310
CHR1	4194042	CHR1:4194042	SSF x Near_LoA	-8,7307092	0,193	0,300
CHR1	4194045	CHR1:4194045	SSF x Near_LoA	-9,36016533	-0,093	0,316
CHR1	4198290	CHR1:4198290	SSF x Near_LoA	-1,35293191	-0,104	0,303
CHR1	420503	CHR1:420503	SSF x Near_LoA	-10,3155744	-0,014	0,301
CHR1	420571	CHR1:420571	SSF x Near_LoA	-9,12719091	-0,076	0,294
CHR1	420742	CHR1:420742	SSF x Near_LoA	-11,4723982	-0,024	0,310
CHR1	4211219	CHR1:4211219	SSF x Near_LoA	-8,52968571	0,100	0,300
CHR1	4211247	CHR1:4211247	SSF x Near_LoA	-7,09177925	-0,128	0,300
CHR1	4211299	CHR1:4211299	SSF x Near_LoA	-10,705171	-0,022	0,315
CHR1	4211306	CHR1:4211306	SSF x Near_LoA	-6,42330596	-0,047	0,306
CHR1	4211337	CHR1:4211337	SSF x Near_LoA	-8,08182662	-0,105	0,293
CHR1	4218446	CHR1:4218446	SSF x Near_LoA	-8,36502308	0,142	0,310
CHR1	4230285	CHR1:4230285	SSF x Near_LoA	-6,33090113	-0,111	0,323
CHR1	4230328	CHR1:4230328	SSF x Near_LoA	-9,44145284	0,006	0,312
CHR1	4230343	CHR1:4230343	SSF x Near_LoA	-8,57745513	0,086	0,310
CHR1	4230477	CHR1:4230477	SSF x Near_LoA	-11,0966963	-0,047	0,303
CHR1	4232628	CHR1:4232628	SSF x Near_LoA	-4,22814775	0,059	0,317
CHR1	4252513	CHR1:4252513	SSF x Near_LoA	-9,80512244	0,006	0,303
CHR1	4252556	CHR1:4252556	SSF x Near_LoA	-8,21341886	0,025	0,295
CHR1	4254471	CHR1:4254471	SSF x Near_LoA	-8,49808705	0,103	0,307
CHR1	4263341	CHR1:4263341	SSF x Near_LoA	-10,9546271	0,054	0,300
CHR1	4282258	CHR1:4282258	SSF x Near_LoA	-10,1146583	-0,016	0,298
CHR1	4282362	CHR1:4282362	SSF x Near_LoA	-11,2464526	-0,026	0,319

CHR1	4282377	CHR1:4282377	SSF x Near_LoA	-10,8565829	0,049	0,298
CHR1	4282433	CHR1:4282433	SSF x Near_LoA	-10,4683857	0,049	0,291
CHR1	428245	CHR1:428245	SSF x Near_LoA	-6,76648656	0,186	0,302
CHR1	4289920	CHR1:4289920	SSF x Near_LoA	-8,4206934	0,097	0,304
CHR1	4289943	CHR1:4289943	SSF x Near_LoA	-9,50396712	-0,096	0,309
CHR1	4290098	CHR1:4290098	SSF x Near_LoA	-11,1467537	-0,055	0,308
CHR1	4290139	CHR1:4290139	SSF x Near_LoA	-5,1464887	-0,079	0,312
CHR1	4303231	CHR1:4303231	SSF x Near_LoA	-8,4478908	-0,096	0,304
CHR1	4304971	CHR1:4304971	SSF x Near_LoA	-9,69507473	0,021	0,314
CHR1	4304989	CHR1:4304989	SSF x Near_LoA	-8,55320338	0,054	0,315
CHR1	4314520	CHR1:4314520	SSF x Near_LoA	-11,577518	-0,020	0,301
CHR1	4314562	CHR1:4314562	SSF x Near_LoA	-11,8640585	-0,006	0,299
CHR1	4314586	CHR1:4314586	SSF x Near_LoA	-7,07373925	0,113	0,304
CHR1	4315254	CHR1:4315254	SSF x Near_LoA	-8,50249394	-0,085	0,324
CHR1	4315283	CHR1:4315283	SSF x Near_LoA	-9,73924948	-0,049	0,310
CHR1	4315427	CHR1:4315427	SSF x Near_LoA	-10,1144506	-0,043	0,286
CHR1	4332235	CHR1:4332235	SSF x Near_LoA	-7,00954552	-0,045	0,312
CHR1	4333388	CHR1:4333388	SSF x Near_LoA	-10,5988026	0,008	0,311
CHR1	4333400	CHR1:4333400	SSF x Near_LoA	-9,50518519	-0,038	0,318
CHR1	4337645	CHR1:4337645	SSF x Near_LoA	-9,82060221	0,049	0,307
CHR1	4337649	CHR1:4337649	SSF x Near_LoA	-7,8259635	0,062	0,321
CHR1	4337662	CHR1:4337662	SSF x Near_LoA	-8,53226018	0,034	0,311
CHR1	4337750	CHR1:4337750	SSF x Near_LoA	-5,60295466	-0,018	0,318
CHR1	4337878	CHR1:4337878	SSF x Near_LoA	-11,3362891	0,030	0,309
CHR1	4342560	CHR1:4342560	SSF x Near_LoA	-10,5558713	0,030	0,310
CHR1	4354934	CHR1:4354934	SSF x Near_LoA	-10,205289	0,035	0,321
CHR1	4354948	CHR1:4354948	SSF x Near_LoA	-8,5179508	-0,039	0,307
CHR1	4368350	CHR1:4368350	SSF x Near_LoA	-8,59536189	-0,106	0,305
CHR1	4368447	CHR1:4368447	SSF x Near_LoA	-8,2840224	-0,046	0,321
CHR1	4384869	CHR1:4384869	SSF x Near_LoA	-11,254942	-0,053	0,312
CHR1	4393276	CHR1:4393276	SSF x Near_LoA	7,73070859	-0,099	0,316
CHR1	4413534	CHR1:4413534	SSF x Near_LoA	-8,84572101	-0,095	0,308
CHR1	4413595	CHR1:4413595	SSF x Near_LoA	-7,35129547	0,186	0,280
CHR1	4413638	CHR1:4413638	SSF x Near_LoA	-11,0712505	0,053	0,291
CHR1	4413668	CHR1:4413668	SSF x Near_LoA	-2,21217602	-0,107	0,299
CHR1	4413747	CHR1:4413747	SSF x Near_LoA	-10,520469	-0,018	0,311
CHR1	4413772	CHR1:4413772	SSF x Near_LoA	-9,17937964	0,000	0,305
CHR1	4429808	CHR1:4429808	SSF x Near_LoA	-9,29626015	0,012	0,295
CHR1	4429809	CHR1:4429809	SSF x Near_LoA	-7,1859172	-0,054	0,296
CHR1	4439784	CHR1:4439784	SSF x Near_LoA	-8,35173443	0,072	0,299
CHR1	4439816	CHR1:4439816	SSF x Near_LoA	-6,92933338	0,011	0,318
CHR1	4439817	CHR1:4439817	SSF x Near_LoA	-8,86085763	-0,020	0,314
CHR1	4439850	CHR1:4439850	SSF x Near_LoA	-7,61531829	-0,008	0,310
CHR1	4439927	CHR1:4439927	SSF x Near_LoA	-8,36129479	0,060	0,302
CHR1	4439993	CHR1:4439993	SSF x Near_LoA	-9,29459947	-0,024	0,291
CHR1	444192	CHR1:444192	SSF x Near_LoA	-7,79976897	-0,125	0,306
CHR1	4443813	CHR1:4443813	SSF x Near_LoA	-9,24288555	-0,005	0,307
CHR1	4443935	CHR1:4443935	SSF x Near_LoA	-8,45119881	0,074	0,316
CHR1	4446803	CHR1:4446803	SSF x Near_LoA	-8,83813728	-0,007	0,308
CHR1	4446829	CHR1:4446829	SSF x Near_LoA	-8,44462398	-0,134	0,302
CHR1	4446833	CHR1:4446833	SSF x Near_LoA	-9,27439891	-0,001	0,320
CHR1	4446905	CHR1:4446905	SSF x Near_LoA	-10,0083021	0,114	0,291
CHR1	4447082	CHR1:4447082	SSF x Near_LoA	-10,4482182	0,068	0,300

CHR1	4454540	CHR1:4454540	SSF x Near_LoA	-8,26387654	0,071	0,309
CHR1	4454574	CHR1:4454574	SSF x Near_LoA	-9,95220297	-0,048	0,314
CHR1	445497	CHR1:445497	SSF x Near_LoA	-9,14101761	-0,060	0,307
CHR1	445690	CHR1:445690	SSF x Near_LoA	-7,66941965	0,037	0,309
CHR1	4460969	CHR1:4460969	SSF x Near_LoA	-9,72869475	0,026	0,307
CHR1	4461008	CHR1:4461008	SSF x Near_LoA	-10,8922415	0,006	0,317
CHR1	4461015	CHR1:4461015	SSF x Near_LoA	-6,57818042	0,131	0,292
CHR1	4464394	CHR1:4464394	SSF x Near_LoA	-8,32335212	0,071	0,305
CHR1	4464581	CHR1:4464581	SSF x Near_LoA	-9,9128495	0,168	0,299
CHR1	4469392	CHR1:4469392	SSF x Near_LoA	-11,3029592	-0,043	0,302
CHR1	4481548	CHR1:4481548	SSF x Near_LoA	-7,38060457	0,172	0,299
CHR1	4481556	CHR1:4481556	SSF x Near_LoA	-10,0501117	0,098	0,296
CHR1	4481630	CHR1:4481630	SSF x Near_LoA	-11,1240724	-0,059	0,294
CHR1	4481654	CHR1:4481654	SSF x Near_LoA	-6,19659994	0,004	0,304
CHR1	4481708	CHR1:4481708	SSF x Near_LoA	-9,01517645	-0,012	0,313
CHR1	4481721	CHR1:4481721	SSF x Near_LoA	-9,42841656	-0,039	0,302
CHR1	4486869	CHR1:4486869	SSF x Near_LoA	-1,88664688	0,006	0,319
CHR1	4486874	CHR1:4486874	SSF x Near_LoA	-9,17918198	-0,024	0,306
CHR1	4486893	CHR1:4486893	SSF x Near_LoA	-9,99999022	0,083	0,303
CHR1	4486896	CHR1:4486896	SSF x Near_LoA	-9,72552276	-0,021	0,313
CHR1	4486901	CHR1:4486901	SSF x Near_LoA	-8,70806152	-0,004	0,321
CHR1	4486972	CHR1:4486972	SSF x Near_LoA	-10,1889087	0,022	0,307
CHR1	4495070	CHR1:4495070	SSF x Near_LoA	-8,54919301	-0,126	0,304
CHR1	4495074	CHR1:4495074	SSF x Near_LoA	-10,0040503	-0,095	0,305
CHR1	4495120	CHR1:4495120	SSF x Near_LoA	-8,26821598	0,094	0,300
CHR1	4496476	CHR1:4496476	SSF x Near_LoA	-8,18796233	-0,002	0,303
CHR1	4496496	CHR1:4496496	SSF x Near_LoA	-12,0085681	-0,002	0,289
CHR1	4507141	CHR1:4507141	SSF x Near_LoA	-4,87629306	-0,160	0,291
CHR1	4507235	CHR1:4507235	SSF x Near_LoA	-8,9989643	0,001	0,293
CHR1	4507270	CHR1:4507270	SSF x Near_LoA	-9,31747907	0,046	0,313
CHR1	4518063	CHR1:4518063	SSF x Near_LoA	-6,63324574	0,169	0,299
CHR1	4518194	CHR1:4518194	SSF x Near_LoA	-8,73217433	0,017	0,306
CHR1	4520387	CHR1:4520387	SSF x Near_LoA	-9,2641312	-0,033	0,306
CHR1	4525031	CHR1:4525031	SSF x Near_LoA	-8,33049137	0,057	0,308
CHR1	452778	CHR1:452778	SSF x Near_LoA	-8,40444988	-0,011	0,307
CHR1	4542374	CHR1:4542374	SSF x Near_LoA	-10,7010514	-0,010	0,314
CHR1	4542414	CHR1:4542414	SSF x Near_LoA	-9,31682394	-0,046	0,311
CHR1	4547363	CHR1:4547363	SSF x Near_LoA	-9,96987576	0,009	0,314
CHR1	4553187	CHR1:4553187	SSF x Near_LoA	-8,94273921	0,021	0,314
CHR1	4553228	CHR1:4553228	SSF x Near_LoA	-9,45629736	-0,003	0,307
CHR1	4553330	CHR1:4553330	SSF x Near_LoA	-8,63549716	-0,054	0,315
CHR1	4559902	CHR1:4559902	SSF x Near_LoA	-7,33667713	-0,147	0,296
CHR1	4560092	CHR1:4560092	SSF x Near_LoA	-9,0942053	0,015	0,323
CHR1	4567788	CHR1:4567788	SSF x Near_LoA	-3,41265349	-0,080	0,311
CHR1	4571189	CHR1:4571189	SSF x Near_LoA	-8,74173974	-0,096	0,306
CHR1	4571200	CHR1:4571200	SSF x Near_LoA	-9,59001738	0,037	0,304
CHR1	4571217	CHR1:4571217	SSF x Near_LoA	-9,39990331	-0,042	0,308
CHR1	4572955	CHR1:4572955	SSF x Near_LoA	-9,28250798	0,045	0,305
CHR1	4585940	CHR1:4585940	SSF x Near_LoA	-9,94597882	-0,081	0,304
CHR1	4592347	CHR1:4592347	SSF x Near_LoA	-10,2572246	-0,078	0,316
CHR1	4592466	CHR1:4592466	SSF x Near_LoA	-9,16399889	0,044	0,318
CHR1	4596274	CHR1:4596274	SSF x Near_LoA	-5,9413223	-0,049	0,314
CHR1	4596358	CHR1:4596358	SSF x Near_LoA	-10,7076029	0,025	0,308

CHR1	4596366	CHR1:4596366	SSF x Near_LoA	-10,9077441	-0,043	0,289
CHR1	4603228	CHR1:4603228	SSF x Near_LoA	-6,89174989	-0,011	0,307
CHR1	4603282	CHR1:4603282	SSF x Near_LoA	-9,27627399	0,027	0,308
CHR1	4603314	CHR1:4603314	SSF x Near_LoA	-8,58780231	0,130	0,297
CHR1	4621677	CHR1:4621677	SSF x Near_LoA	-9,63606253	-0,071	0,307
CHR1	4623674	CHR1:4623674	SSF x Near_LoA	-10,6417451	0,052	0,305
CHR1	4623780	CHR1:4623780	SSF x Near_LoA	-7,7559201	0,076	0,307
CHR1	4623784	CHR1:4623784	SSF x Near_LoA	-9,75124691	0,028	0,293
CHR1	4628797	CHR1:4628797	SSF x Near_LoA	-11,1666372	-0,039	0,317
CHR1	4629021	CHR1:4629021	SSF x Near_LoA	-5,19584101	-0,187	0,302
CHR1	4629093	CHR1:4629093	SSF x Near_LoA	-9,48410825	0,003	0,309
CHR1	463335	CHR1:463335	SSF x Near_LoA	-9,05600348	0,023	0,314
CHR1	463337	CHR1:463337	SSF x Near_LoA	-9,92871377	-0,060	0,314
CHR1	463382	CHR1:463382	SSF x Near_LoA	-10,7454489	-0,066	0,297
CHR1	463384	CHR1:463384	SSF x Near_LoA	-11,217827	-0,070	0,300
CHR1	463390	CHR1:463390	SSF x Near_LoA	-11,2441987	-0,054	0,308
CHR1	463397	CHR1:463397	SSF x Near_LoA	-10,8659695	-0,077	0,305
CHR1	4634244	CHR1:4634244	SSF x Near_LoA	-10,4255119	0,008	0,296
CHR1	463426	CHR1:463426	SSF x Near_LoA	-11,3702189	-0,072	0,301
CHR1	4634296	CHR1:4634296	SSF x Near_LoA	-11,3965678	0,003	0,296
CHR1	464778	CHR1:464778	SSF x Near_LoA	-8,86878294	0,011	0,307
CHR1	4648041	CHR1:4648041	SSF x Near_LoA	-9,38242421	-0,073	0,303
CHR1	4652477	CHR1:4652477	SSF x Near_LoA	-9,12594665	-0,078	0,308
CHR1	4652478	CHR1:4652478	SSF x Near_LoA	0,78040303	-0,085	0,316
CHR1	4653930	CHR1:4653930	SSF x Near_LoA	-9,60996536	0,021	0,315
CHR1	4658302	CHR1:4658302	SSF x Near_LoA	-11,1872621	0,099	0,295
CHR1	4662848	CHR1:4662848	SSF x Near_LoA	-11,2535293	0,042	0,316
CHR1	4662918	CHR1:4662918	SSF x Near_LoA	-10,0382547	-0,056	0,304
CHR1	4666344	CHR1:4666344	SSF x Near_LoA	-8,02368586	-0,024	0,307
CHR1	4675879	CHR1:4675879	SSF x Near_LoA	-9,67608775	-0,046	0,310
CHR1	4677072	CHR1:4677072	SSF x Near_LoA	-9,25166916	0,025	0,312
CHR1	4677131	CHR1:4677131	SSF x Near_LoA	-11,4252439	0,081	0,293
CHR1	4695390	CHR1:4695390	SSF x Near_LoA	-11,4277784	0,027	0,315
CHR1	4695479	CHR1:4695479	SSF x Near_LoA	-11,0564843	-0,068	0,301
CHR1	4704277	CHR1:4704277	SSF x Near_LoA	-11,0611237	-0,037	0,316
CHR1	4705004	CHR1:4705004	SSF x Near_LoA	-8,81664757	0,001	0,299
CHR1	4712578	CHR1:4712578	SSF x Near_LoA	-9,51896875	0,022	0,323
CHR1	4712938	CHR1:4712938	SSF x Near_LoA	-9,55739378	0,060	0,304
CHR1	4733170	CHR1:4733170	SSF x Near_LoA	8,81093354	-0,042	0,305
CHR1	4742096	CHR1:4742096	SSF x Near_LoA	-10,1056811	0,071	0,315
CHR1	4742108	CHR1:4742108	SSF x Near_LoA	-7,16077706	-0,037	0,295
CHR1	4742153	CHR1:4742153	SSF x Near_LoA	-4,53247946	0,136	0,314
CHR1	4742169	CHR1:4742169	SSF x Near_LoA	-11,4946799	-0,014	0,299
CHR1	4757695	CHR1:4757695	SSF x Near_LoA	-9,28854499	0,022	0,317
CHR1	4770425	CHR1:4770425	SSF x Near_LoA	-8,15256873	-0,110	0,313
CHR1	4776101	CHR1:4776101	SSF x Near_LoA	-10,3978034	-0,012	0,310
CHR1	4776129	CHR1:4776129	SSF x Near_LoA	-7,23764695	0,038	0,301
CHR1	4776296	CHR1:4776296	SSF x Near_LoA	-11,485853	0,005	0,300
CHR1	4776297	CHR1:4776297	SSF x Near_LoA	-11,1112715	0,014	0,306
CHR1	4783726	CHR1:4783726	SSF x Near_LoA	-11,8897017	0,017	0,308
CHR1	4783774	CHR1:4783774	SSF x Near_LoA	-10,4067498	0,009	0,315
CHR1	4793028	CHR1:4793028	SSF x Near_LoA	-6,23369373	-0,109	0,324
CHR1	4794575	CHR1:4794575	SSF x Near_LoA	-8,44652171	-0,103	0,319

CHR1	4794625	CHR1:4794625	SSF x Near_LoA	-9,15294702	-0,009	0,297
CHR1	4794655	CHR1:4794655	SSF x Near_LoA	-4,6570263	0,047	0,317
CHR1	480850	CHR1:480850	SSF x Near_LoA	-9,40770178	0,128	0,293
CHR1	4815555	CHR1:4815555	SSF x Near_LoA	-11,7954352	-0,023	0,307
CHR1	4815605	CHR1:4815605	SSF x Near_LoA	-8,44876263	0,007	0,329
CHR1	4815606	CHR1:4815606	SSF x Near_LoA	-9,36400899	-0,058	0,293
CHR1	482823	CHR1:482823	SSF x Near_LoA	-6,42664748	-0,016	0,302
CHR1	4828673	CHR1:4828673	SSF x Near_LoA	-8,54293225	-0,082	0,305
CHR1	4828759	CHR1:4828759	SSF x Near_LoA	-6,28556571	0,174	0,298
CHR1	4828801	CHR1:4828801	SSF x Near_LoA	-10,2582357	-0,033	0,322
CHR1	4852552	CHR1:4852552	SSF x Near_LoA	-8,60874264	0,075	0,301
CHR1	4859054	CHR1:4859054	SSF x Near_LoA	-7,00726382	-0,139	0,300
CHR1	4859163	CHR1:4859163	SSF x Near_LoA	-7,59780429	-0,066	0,320
CHR1	4859189	CHR1:4859189	SSF x Near_LoA	-6,55702354	-0,132	0,298
CHR1	4875988	CHR1:4875988	SSF x Near_LoA	-5,07333375	0,097	0,309
CHR1	4876023	CHR1:4876023	SSF x Near_LoA	4,56407061	-0,172	0,307
CHR1	4876040	CHR1:4876040	SSF x Near_LoA	-7,25756541	-0,163	0,296
CHR1	4876141	CHR1:4876141	SSF x Near_LoA	-10,2531708	-0,068	0,317
CHR1	4883991	CHR1:4883991	SSF x Near_LoA	-10,0386948	-0,131	0,310
CHR1	4886470	CHR1:4886470	SSF x Near_LoA	-9,48312188	-0,013	0,299
CHR1	4886567	CHR1:4886567	SSF x Near_LoA	-7,40143153	0,077	0,306
CHR1	4886616	CHR1:4886616	SSF x Near_LoA	-0,00119128	0,209	0,302
CHR1	4886709	CHR1:4886709	SSF x Near_LoA	-7,03792714	0,010	0,305
CHR1	4896233	CHR1:4896233	SSF x Near_LoA	-9,34932355	0,009	0,292
CHR1	4897509	CHR1:4897509	SSF x Near_LoA	-10,5535048	0,007	0,325
CHR1	4897692	CHR1:4897692	SSF x Near_LoA	-10,5853073	-0,014	0,311
CHR1	4907682	CHR1:4907682	SSF x Near_LoA	-10,8445234	-0,005	0,305
CHR1	4910715	CHR1:4910715	SSF x Near_LoA	-7,70089005	-0,030	0,312
CHR1	4910726	CHR1:4910726	SSF x Near_LoA	-9,31471986	-0,087	0,312
CHR1	4910761	CHR1:4910761	SSF x Near_LoA	-10,8132764	-0,014	0,319
CHR1	4910790	CHR1:4910790	SSF x Near_LoA	-9,38447075	-0,001	0,316
CHR1	4910908	CHR1:4910908	SSF x Near_LoA	-5,64025096	-0,169	0,291
CHR1	491288	CHR1:491288	SSF x Near_LoA	-8,25265396	-0,012	0,310
CHR1	4920003	CHR1:4920003	SSF x Near_LoA	-9,23199083	-0,117	0,282
CHR1	4920111	CHR1:4920111	SSF x Near_LoA	-7,53201216	0,041	0,291
CHR1	4958826	CHR1:4958826	SSF x Near_LoA	-7,76712499	0,135	0,299
CHR1	4965529	CHR1:4965529	SSF x Near_LoA	-10,3078276	0,055	0,307
CHR1	4965638	CHR1:4965638	SSF x Near_LoA	-8,01372052	0,046	0,321
CHR1	4979161	CHR1:4979161	SSF x Near_LoA	-9,32111871	-0,138	0,300
CHR1	4988134	CHR1:4988134	SSF x Near_LoA	-8,14659081	0,017	0,314
CHR1	4988177	CHR1:4988177	SSF x Near_LoA	-8,59298483	-0,021	0,310
CHR1	4989440	CHR1:4989440	SSF x Near_LoA	-10,4524357	0,070	0,304
CHR1	4989533	CHR1:4989533	SSF x Near_LoA	-0,03235165	-0,055	0,315
CHR1	4992921	CHR1:4992921	SSF x Near_LoA	-8,22352132	0,116	0,308
CHR1	4993067	CHR1:4993067	SSF x Near_LoA	-4,54289123	-0,161	0,302
CHR1	4993069	CHR1:4993069	SSF x Near_LoA	-8,47955994	-0,143	0,310
CHR1	4993124	CHR1:4993124	SSF x Near_LoA	-9,49830812	0,077	0,307
CHR1	500909	CHR1:500909	SSF x Near_LoA	-9,69838817	-0,076	0,301
CHR1	5021058	CHR1:5021058	SSF x Near_LoA	-10,2091393	0,102	0,300
CHR1	5021092	CHR1:5021092	SSF x Near_LoA	-11,2856916	0,018	0,310
CHR1	5021156	CHR1:5021156	SSF x Near_LoA	-11,2547193	0,004	0,299
CHR1	5024333	CHR1:5024333	SSF x Near_LoA	-8,22764902	-0,109	0,299
CHR1	5024443	CHR1:5024443	SSF x Near_LoA	-7,55613516	0,061	0,303

CHR1	5024574	CHR1:5024574	SSF x Near_LoA	-11,8588233	0,070	0,302
CHR1	5043252	CHR1:5043252	SSF x Near_LoA	-7,30343254	-0,094	0,301
CHR1	5043392	CHR1:5043392	SSF x Near_LoA	-8,81920646	0,046	0,312
CHR1	504636	CHR1:504636	SSF x Near_LoA	-10,256165	0,062	0,305
CHR1	504701	CHR1:504701	SSF x Near_LoA	-9,17339101	0,008	0,315
CHR1	504736	CHR1:504736	SSF x Near_LoA	-9,75888152	0,093	0,309
CHR1	5048525	CHR1:5048525	SSF x Near_LoA	-9,66904613	-0,017	0,296
CHR1	5048628	CHR1:5048628	SSF x Near_LoA	-9,66922743	-0,026	0,314
CHR1	5048697	CHR1:5048697	SSF x Near_LoA	-10,2167618	0,007	0,317
CHR1	5053275	CHR1:5053275	SSF x Near_LoA	-9,8445402	-0,087	0,312
CHR1	5053464	CHR1:5053464	SSF x Near_LoA	-8,57057027	-0,085	0,310
CHR1	5057312	CHR1:5057312	SSF x Near_LoA	-8,57565585	0,020	0,320
CHR1	5057334	CHR1:5057334	SSF x Near_LoA	-8,01882035	0,043	0,324
CHR1	5057341	CHR1:5057341	SSF x Near_LoA	-6,86442053	-0,037	0,320
CHR1	5057376	CHR1:5057376	SSF x Near_LoA	-7,64998516	0,020	0,324
CHR1	5057385	CHR1:5057385	SSF x Near_LoA	-6,66786124	-0,147	0,307
CHR1	5057421	CHR1:5057421	SSF x Near_LoA	-8,85362232	-0,074	0,313
CHR1	5058983	CHR1:5058983	SSF x Near_LoA	-4,68306661	0,056	0,319
CHR1	5059021	CHR1:5059021	SSF x Near_LoA	-8,89415566	0,010	0,311
CHR1	5059028	CHR1:5059028	SSF x Near_LoA	-9,29906844	0,041	0,317
CHR1	5059035	CHR1:5059035	SSF x Near_LoA	-10,8361722	-0,034	0,314
CHR1	5059042	CHR1:5059042	SSF x Near_LoA	-7,54152505	-0,049	0,310
CHR1	5071216	CHR1:5071216	SSF x Near_LoA	-8,0707804	0,051	0,310
CHR1	5071318	CHR1:5071318	SSF x Near_LoA	-8,97515761	-0,018	0,307
CHR1	5078962	CHR1:5078962	SSF x Near_LoA	-9,80902869	0,048	0,305
CHR1	5078998	CHR1:5078998	SSF x Near_LoA	-9,71798875	0,033	0,317
CHR1	5079069	CHR1:5079069	SSF x Near_LoA	-9,0862127	-0,089	0,302
CHR1	5079151	CHR1:5079151	SSF x Near_LoA	-9,14644888	0,037	0,315
CHR1	5087374	CHR1:5087374	SSF x Near_LoA	-10,4825571	-0,018	0,308
CHR1	5087400	CHR1:5087400	SSF x Near_LoA	-10,4234349	-0,113	0,309
CHR1	5087502	CHR1:5087502	SSF x Near_LoA	-10,6775573	-0,071	0,310
CHR1	5087715	CHR1:5087715	SSF x Near_LoA	-7,73361621	-0,061	0,305
CHR1	5088722	CHR1:5088722	SSF x Near_LoA	-9,82906703	0,015	0,307
CHR1	5088752	CHR1:5088752	SSF x Near_LoA	-7,13526353	-0,047	0,319
CHR1	5090537	CHR1:5090537	SSF x Near_LoA	-9,55594456	-0,042	0,321
CHR1	5090571	CHR1:5090571	SSF x Near_LoA	-8,72638214	0,031	0,316
CHR1	5090575	CHR1:5090575	SSF x Near_LoA	-6,89716184	0,173	0,300
CHR1	5090657	CHR1:5090657	SSF x Near_LoA	-7,92483724	0,093	0,290
CHR1	5097462	CHR1:5097462	SSF x Near_LoA	-11,3197963	-0,030	0,306
CHR1	5097830	CHR1:5097830	SSF x Near_LoA	-7,76346409	0,072	0,311
CHR1	5103602	CHR1:5103602	SSF x Near_LoA	-11,5700567	0,026	0,304
CHR1	5103616	CHR1:5103616	SSF x Near_LoA	-12,0940529	0,034	0,279
CHR1	5103757	CHR1:5103757	SSF x Near_LoA	-6,52502741	0,149	0,300
CHR1	5105072	CHR1:5105072	SSF x Near_LoA	-7,11404761	-0,142	0,305
CHR1	5106251	CHR1:5106251	SSF x Near_LoA	-10,4011113	0,027	0,318
CHR1	5106340	CHR1:5106340	SSF x Near_LoA	-11,6864562	-0,062	0,292
CHR1	5106396	CHR1:5106396	SSF x Near_LoA	-9,68649447	0,090	0,298
CHR1	5110953	CHR1:5110953	SSF x Near_LoA	-11,4088393	-0,004	0,306
CHR1	5113843	CHR1:5113843	SSF x Near_LoA	-10,0598101	-0,114	0,300
CHR1	5114137	CHR1:5114137	SSF x Near_LoA	-11,9603949	0,001	0,297
CHR1	5120016	CHR1:5120016	SSF x Near_LoA	-11,3746425	0,073	0,309
CHR1	5120202	CHR1:5120202	SSF x Near_LoA	-8,12541631	-0,113	0,297
CHR1	5121849	CHR1:5121849	SSF x Near_LoA	-7,84873552	-0,052	0,315

CHR1	5121888	CHR1:5121888	SSF x Near_LoA	-8,77982623	0,056	0,304
CHR1	512588	CHR1:512588	SSF x Near_LoA	-10,5287848	0,027	0,294
CHR1	5142311	CHR1:5142311	SSF x Near_LoA	-8,52044031	-0,012	0,325
CHR1	5142315	CHR1:5142315	SSF x Near_LoA	-4,77461649	-0,054	0,305
CHR1	5142363	CHR1:5142363	SSF x Near_LoA	-8,83865547	-0,075	0,318
CHR1	5150663	CHR1:5150663	SSF x Near_LoA	-10,8125397	0,107	0,303
CHR1	5150747	CHR1:5150747	SSF x Near_LoA	-8,53069236	0,123	0,315
CHR1	5157750	CHR1:5157750	SSF x Near_LoA	-9,70689557	-0,007	0,312
CHR1	5157773	CHR1:5157773	SSF x Near_LoA	-2,01054714	-0,004	0,315
CHR1	5179603	CHR1:5179603	SSF x Near_LoA	-9,22350959	0,026	0,295
CHR1	5186438	CHR1:5186438	SSF x Near_LoA	-9,35800555	-0,007	0,314
CHR1	5225242	CHR1:5225242	SSF x Near_LoA	-8,58679114	-0,134	0,296
CHR1	523748	CHR1:523748	SSF x Near_LoA	-6,48718025	-0,061	0,311
CHR1	523835	CHR1:523835	SSF x Near_LoA	-7,88585015	0,211	0,287
CHR1	5256657	CHR1:5256657	SSF x Near_LoA	-10,3371158	-0,068	0,321
CHR1	5256700	CHR1:5256700	SSF x Near_LoA	-8,1030903	-0,044	0,310
CHR1	5260375	CHR1:5260375	SSF x Near_LoA	-8,37674131	-0,044	0,305
CHR1	5260397	CHR1:5260397	SSF x Near_LoA	-8,81318007	-0,049	0,315
CHR1	5260408	CHR1:5260408	SSF x Near_LoA	-6,91398345	-0,077	0,311
CHR1	5260431	CHR1:5260431	SSF x Near_LoA	-8,75814563	0,051	0,316
CHR1	5260536	CHR1:5260536	SSF x Near_LoA	-6,33156226	-0,142	0,307
CHR1	5260560	CHR1:5260560	SSF x Near_LoA	-6,81911222	-0,137	0,312
CHR1	5260573	CHR1:5260573	SSF x Near_LoA	-9,37065495	0,071	0,310
CHR1	5260593	CHR1:5260593	SSF x Near_LoA	-8,05612504	-0,124	0,315
CHR1	5268273	CHR1:5268273	SSF x Near_LoA	-11,7757941	-0,041	0,301
CHR1	5268405	CHR1:5268405	SSF x Near_LoA	-10,1374841	0,123	0,307
CHR1	5268463	CHR1:5268463	SSF x Near_LoA	-6,48832621	0,122	0,309
CHR1	5274194	CHR1:5274194	SSF x Near_LoA	-9,21135534	0,095	0,300
CHR1	5274195	CHR1:5274195	SSF x Near_LoA	-6,34030902	-0,086	0,304
CHR1	5274202	CHR1:5274202	SSF x Near_LoA	-7,45448735	0,136	0,291
CHR1	5274322	CHR1:5274322	SSF x Near_LoA	-8,02110141	-0,107	0,302
CHR1	5277577	CHR1:5277577	SSF x Near_LoA	-7,89849081	-0,088	0,303
CHR1	5279896	CHR1:5279896	SSF x Near_LoA	-7,71802235	-0,174	0,283
CHR1	5279949	CHR1:5279949	SSF x Near_LoA	-7,23866712	0,123	0,295
CHR1	5298984	CHR1:5298984	SSF x Near_LoA	-9,07207699	-0,057	0,307
CHR1	5305606	CHR1:5305606	SSF x Near_LoA	-9,35684431	0,012	0,298
CHR1	5308572	CHR1:5308572	SSF x Near_LoA	-8,09705027	-0,035	0,308
CHR1	5308613	CHR1:5308613	SSF x Near_LoA	-4,53411671	0,023	0,310
CHR1	5308625	CHR1:5308625	SSF x Near_LoA	-6,49350959	-0,030	0,291
CHR1	5308753	CHR1:5308753	SSF x Near_LoA	-8,9390196	0,045	0,285
CHR1	5325647	CHR1:5325647	SSF x Near_LoA	-10,4911041	-0,073	0,327
CHR1	5325794	CHR1:5325794	SSF x Near_LoA	-10,2877995	-0,050	0,311
CHR1	5342330	CHR1:5342330	SSF x Near_LoA	-7,60050634	-0,044	0,305
CHR1	5374016	CHR1:5374016	SSF x Near_LoA	-9,15642879	-0,034	0,306
CHR1	5374058	CHR1:5374058	SSF x Near_LoA	-9,37569499	0,051	0,310
CHR1	5378422	CHR1:5378422	SSF x Near_LoA	-7,6079714	0,119	0,316
CHR1	5378440	CHR1:5378440	SSF x Near_LoA	-7,10598995	0,118	0,312
CHR1	5378447	CHR1:5378447	SSF x Near_LoA	-9,59459216	0,085	0,313
CHR1	5380509	CHR1:5380509	SSF x Near_LoA	-12,2730016	0,014	0,303
CHR1	5384631	CHR1:5384631	SSF x Near_LoA	-10,2572801	-0,078	0,309
CHR1	5387062	CHR1:5387062	SSF x Near_LoA	-11,5682831	-0,041	0,308
CHR1	5387097	CHR1:5387097	SSF x Near_LoA	-8,55665243	0,080	0,311
CHR1	5392827	CHR1:5392827	SSF x Near_LoA	-9,23374209	-0,167	0,310

CHR1	5392915	CHR1:5392915	SSF x Near_LoA	-6,45480959	-0,182	0,278
CHR1	5405799	CHR1:5405799	SSF x Near_LoA	-10,2953335	-0,011	0,309
CHR1	5405888	CHR1:5405888	SSF x Near_LoA	-9,59435363	0,037	0,315
CHR1	5409684	CHR1:5409684	SSF x Near_LoA	-11,918838	0,030	0,292
CHR1	5409802	CHR1:5409802	SSF x Near_LoA	-10,3259986	-0,013	0,311
CHR1	541566	CHR1:541566	SSF x Near_LoA	-10,883328	-0,098	0,302
CHR1	5416660	CHR1:5416660	SSF x Near_LoA	-7,74667523	0,134	0,295
CHR1	5416900	CHR1:5416900	SSF x Near_LoA	-7,94988688	0,097	0,300
CHR1	5420411	CHR1:5420411	SSF x Near_LoA	-9,14870303	0,015	0,305
CHR1	5423921	CHR1:5423921	SSF x Near_LoA	-11,1707305	-0,046	0,302
CHR1	5429277	CHR1:5429277	SSF x Near_LoA	-9,34669559	0,083	0,299
CHR1	5429346	CHR1:5429346	SSF x Near_LoA	-8,25864037	0,120	0,293
CHR1	5447448	CHR1:5447448	SSF x Near_LoA	-10,4188743	-0,006	0,313
CHR1	5458925	CHR1:5458925	SSF x Near_LoA	-11,0750244	-0,076	0,320
CHR1	5458928	CHR1:5458928	SSF x Near_LoA	-8,25629555	0,042	0,300
CHR1	5458960	CHR1:5458960	SSF x Near_LoA	-9,10099393	0,036	0,315
CHR1	5477764	CHR1:5477764	SSF x Near_LoA	-7,25134123	0,008	0,324
CHR1	5477772	CHR1:5477772	SSF x Near_LoA	-11,525801	0,051	0,307
CHR1	5477773	CHR1:5477773	SSF x Near_LoA	-9,37723443	-0,001	0,299
CHR1	5477861	CHR1:5477861	SSF x Near_LoA	-7,42373309	0,066	0,305
CHR1	5477867	CHR1:5477867	SSF x Near_LoA	-9,7909278	-0,030	0,303
CHR1	5481	CHR1:5481	SSF x Near_LoA	-9,95923117	0,030	0,307
CHR1	5487637	CHR1:5487637	SSF x Near_LoA	-7,04994824	-0,011	0,298
CHR1	5492476	CHR1:5492476	SSF x Near_LoA	-11,8004144	-0,017	0,310
CHR1	5511723	CHR1:5511723	SSF x Near_LoA	-4,05112328	0,080	0,296
CHR1	5511746	CHR1:5511746	SSF x Near_LoA	-11,4475557	-0,017	0,307
CHR1	5511757	CHR1:5511757	SSF x Near_LoA	-7,06629124	0,108	0,306
CHR1	5511792	CHR1:5511792	SSF x Near_LoA	-9,36937918	-0,037	0,301
CHR1	5511793	CHR1:5511793	SSF x Near_LoA	-8,46496014	-0,020	0,306
CHR1	5511830	CHR1:5511830	SSF x Near_LoA	-10,1431618	0,022	0,305
CHR1	5511906	CHR1:5511906	SSF x Near_LoA	-7,53501148	-0,058	0,310
CHR1	5533288	CHR1:5533288	SSF x Near_LoA	-10,7302506	-0,028	0,319
CHR1	5539254	CHR1:5539254	SSF x Near_LoA	-9,02505908	0,098	0,299
CHR1	554154	CHR1:554154	SSF x Near_LoA	-10,2555277	0,136	0,302
CHR1	5545951	CHR1:5545951	SSF x Near_LoA	-8,96731772	-0,080	0,305
CHR1	5547773	CHR1:5547773	SSF x Near_LoA	-10,0653112	0,067	0,300
CHR1	5547790	CHR1:5547790	SSF x Near_LoA	-7,82685193	-0,080	0,309
CHR1	5547843	CHR1:5547843	SSF x Near_LoA	-10,6558001	-0,021	0,306
CHR1	5547903	CHR1:5547903	SSF x Near_LoA	-10,4714257	-0,090	0,301
CHR1	5551485	CHR1:5551485	SSF x Near_LoA	-9,92642006	0,078	0,310
CHR1	5551495	CHR1:5551495	SSF x Near_LoA	-11,0137008	0,003	0,306
CHR1	5553503	CHR1:5553503	SSF x Near_LoA	-6,25920468	0,160	0,304
CHR1	5553590	CHR1:5553590	SSF x Near_LoA	-5,52149917	0,187	0,296
CHR1	5553643	CHR1:5553643	SSF x Near_LoA	-10,9218926	0,079	0,290
CHR1	5557334	CHR1:5557334	SSF x Near_LoA	-9,78683319	0,074	0,288
CHR1	5557363	CHR1:5557363	SSF x Near_LoA	-8,30706052	0,068	0,298
CHR1	5573497	CHR1:5573497	SSF x Near_LoA	-12,101826	-0,002	0,305
CHR1	557496	CHR1:557496	SSF x Near_LoA	-7,44742995	0,140	0,310
CHR1	557558	CHR1:557558	SSF x Near_LoA	-11,7394478	0,011	0,307
CHR1	557561	CHR1:557561	SSF x Near_LoA	-10,388806	0,035	0,302
CHR1	5578297	CHR1:5578297	SSF x Near_LoA	-11,9053008	-0,025	0,307
CHR1	5578310	CHR1:5578310	SSF x Near_LoA	-10,9951357	-0,004	0,308
CHR1	5591522	CHR1:5591522	SSF x Near_LoA	-6,23216639	-0,148	0,295

CHR1	5591555	CHR1:5591555	SSF x Near_LoA	-9,3299312	-0,048	0,305
CHR1	5591581	CHR1:5591581	SSF x Near_LoA	-8,36727818	-0,001	0,317
CHR1	5591637	CHR1:5591637	SSF x Near_LoA	-8,30703766	-0,055	0,321
CHR1	5591638	CHR1:5591638	SSF x Near_LoA	-10,1985125	0,120	0,289
CHR1	5599086	CHR1:5599086	SSF x Near_LoA	-10,2560245	-0,084	0,304
CHR1	5599281	CHR1:5599281	SSF x Near_LoA	-10,1196384	0,003	0,317
CHR1	5606	CHR1:5606	SSF x Near_LoA	-10,7501972	-0,009	0,304
CHR1	5617113	CHR1:5617113	SSF x Near_LoA	-9,28283887	-0,001	0,318
CHR1	5617311	CHR1:5617311	SSF x Near_LoA	-8,83614235	0,121	0,300
CHR1	5625197	CHR1:5625197	SSF x Near_LoA	-11,4518427	0,022	0,307
CHR1	5625258	CHR1:5625258	SSF x Near_LoA	-11,2426839	0,082	0,316
CHR1	5625356	CHR1:5625356	SSF x Near_LoA	-8,28904654	0,120	0,309
CHR1	5625374	CHR1:5625374	SSF x Near_LoA	-2,18021445	-0,046	0,314
CHR1	5625385	CHR1:5625385	SSF x Near_LoA	-12,4240186	0,022	0,295
CHR1	5638217	CHR1:5638217	SSF x Near_LoA	-11,6350064	0,000	0,305
CHR1	5639189	CHR1:5639189	SSF x Near_LoA	0,28210795	0,079	0,316
CHR1	5644056	CHR1:5644056	SSF x Near_LoA	-8,16079511	0,103	0,298
CHR1	5644272	CHR1:5644272	SSF x Near_LoA	-9,4977803	0,010	0,298
CHR1	5644406	CHR1:5644406	SSF x Near_LoA	-9,26692389	-0,034	0,303
CHR1	565119	CHR1:565119	SSF x Near_LoA	-8,90807577	0,155	0,296
CHR1	565293	CHR1:565293	SSF x Near_LoA	-8,50866863	-0,078	0,302
CHR1	5660234	CHR1:5660234	SSF x Near_LoA	-10,0082706	-0,027	0,301
CHR1	5660235	CHR1:5660235	SSF x Near_LoA	-9,56807382	0,007	0,303
CHR1	5660243	CHR1:5660243	SSF x Near_LoA	-9,38058043	0,038	0,306
CHR1	5660289	CHR1:5660289	SSF x Near_LoA	-8,97697833	-0,051	0,316
CHR1	5660369	CHR1:5660369	SSF x Near_LoA	-7,37523921	0,026	0,318
CHR1	5660384	CHR1:5660384	SSF x Near_LoA	-8,86890276	0,011	0,304
CHR1	5660412	CHR1:5660412	SSF x Near_LoA	2,09685116	-0,132	0,306
CHR1	5660432	CHR1:5660432	SSF x Near_LoA	-9,86189002	0,038	0,315
CHR1	5660433	CHR1:5660433	SSF x Near_LoA	-9,37246593	0,054	0,315
CHR1	5660461	CHR1:5660461	SSF x Near_LoA	-8,32854126	-0,022	0,307
CHR1	5667650	CHR1:5667650	SSF x Near_LoA	-10,9130159	-0,007	0,308
CHR1	5667849	CHR1:5667849	SSF x Near_LoA	-9,9933022	-0,011	0,301
CHR1	567596	CHR1:567596	SSF x Near_LoA	-8,82987147	0,047	0,316
CHR1	567631	CHR1:567631	SSF x Near_LoA	-9,54585841	-0,137	0,318
CHR1	567707	CHR1:567707	SSF x Near_LoA	-10,2502167	-0,018	0,298
CHR1	5678747	CHR1:5678747	SSF x Near_LoA	-11,1782299	0,034	0,305
CHR1	5678895	CHR1:5678895	SSF x Near_LoA	-7,83931399	-0,014	0,312
CHR1	5684341	CHR1:5684341	SSF x Near_LoA	-12,5264213	0,018	0,300
CHR1	5684529	CHR1:5684529	SSF x Near_LoA	-10,8259395	-0,098	0,312
CHR1	569071	CHR1:569071	SSF x Near_LoA	-9,76646927	-0,070	0,308
CHR1	5703191	CHR1:5703191	SSF x Near_LoA	-7,36161651	0,166	0,290
CHR1	5710882	CHR1:5710882	SSF x Near_LoA	-10,0323954	-0,081	0,315
CHR1	5711101	CHR1:5711101	SSF x Near_LoA	-9,96836805	0,090	0,298
CHR1	5717030	CHR1:5717030	SSF x Near_LoA	-7,54953697	-0,162	0,305
CHR1	5719655	CHR1:5719655	SSF x Near_LoA	-8,78088535	-0,080	0,319
CHR1	572619	CHR1:572619	SSF x Near_LoA	-7,62198375	-0,105	0,302
CHR1	5730003	CHR1:5730003	SSF x Near_LoA	-8,41309834	-0,097	0,298
CHR1	5730034	CHR1:5730034	SSF x Near_LoA	-11,2467895	-0,045	0,316
CHR1	5730060	CHR1:5730060	SSF x Near_LoA	-9,95868275	-0,092	0,296
CHR1	5744663	CHR1:5744663	SSF x Near_LoA	-9,52509532	0,048	0,324
CHR1	5751056	CHR1:5751056	SSF x Near_LoA	-8,84574035	0,078	0,306
CHR1	5751113	CHR1:5751113	SSF x Near_LoA	-10,6021312	-0,098	0,310

CHR1	5751515	CHR1:5751515	SSF x Near_LoA	-9,1308475	0,081	0,297
CHR1	5757472	CHR1:5757472	SSF x Near_LoA	-10,2148916	-0,038	0,318
CHR1	5773069	CHR1:5773069	SSF x Near_LoA	-9,61637141	0,056	0,316
CHR1	5783450	CHR1:5783450	SSF x Near_LoA	-7,57715835	-0,085	0,324
CHR1	5783506	CHR1:5783506	SSF x Near_LoA	-5,85145123	0,112	0,313
CHR1	5783642	CHR1:5783642	SSF x Near_LoA	-6,94013588	-0,014	0,306
CHR1	5785489	CHR1:5785489	SSF x Near_LoA	-11,5198007	0,031	0,297
CHR1	5793146	CHR1:5793146	SSF x Near_LoA	-10,3390099	0,045	0,315
CHR1	5808307	CHR1:5808307	SSF x Near_LoA	-6,97110158	0,027	0,313
CHR1	5808325	CHR1:5808325	SSF x Near_LoA	-9,06888552	0,074	0,314
CHR1	5826799	CHR1:5826799	SSF x Near_LoA	-11,2441519	-0,036	0,304
CHR1	5826931	CHR1:5826931	SSF x Near_LoA	-11,0022428	0,064	0,297
CHR1	5827006	CHR1:5827006	SSF x Near_LoA	-10,7208535	0,054	0,308
CHR1	5827013	CHR1:5827013	SSF x Near_LoA	-10,754899	0,020	0,316
CHR1	585531	CHR1:585531	SSF x Near_LoA	-10,5378466	0,016	0,306
CHR1	585535	CHR1:585535	SSF x Near_LoA	-10,8063963	-0,050	0,305
CHR1	585595	CHR1:585595	SSF x Near_LoA	-9,21164008	0,012	0,309
CHR1	585693	CHR1:585693	SSF x Near_LoA	-8,16395657	0,002	0,299
CHR1	5865675	CHR1:5865675	SSF x Near_LoA	-8,07336914	-0,075	0,309
CHR1	5865698	CHR1:5865698	SSF x Near_LoA	-11,613012	0,027	0,303
CHR1	5865722	CHR1:5865722	SSF x Near_LoA	-11,0528988	0,039	0,308
CHR1	5865767	CHR1:5865767	SSF x Near_LoA	-9,07162022	0,082	0,312
CHR1	5865780	CHR1:5865780	SSF x Near_LoA	-11,4424575	-0,056	0,310
CHR1	5865804	CHR1:5865804	SSF x Near_LoA	-9,63045	-0,022	0,315
CHR1	5870957	CHR1:5870957	SSF x Near_LoA	-7,75061588	0,010	0,306
CHR1	5870982	CHR1:5870982	SSF x Near_LoA	-8,26430008	-0,048	0,302
CHR1	5870998	CHR1:5870998	SSF x Near_LoA	-8,82499157	0,118	0,296
CHR1	5871181	CHR1:5871181	SSF x Near_LoA	-8,36536527	0,087	0,311
CHR1	5878501	CHR1:5878501	SSF x Near_LoA	-10,4299483	0,006	0,305
CHR1	5886238	CHR1:5886238	SSF x Near_LoA	-8,751628	-0,114	0,322
CHR1	5886250	CHR1:5886250	SSF x Near_LoA	-8,17646563	-0,160	0,290
CHR1	5886359	CHR1:5886359	SSF x Near_LoA	-8,15394413	-0,118	0,306
CHR1	5886383	CHR1:5886383	SSF x Near_LoA	-6,44555928	0,111	0,300
CHR1	5886387	CHR1:5886387	SSF x Near_LoA	-10,2509715	0,053	0,301
CHR1	5886397	CHR1:5886397	SSF x Near_LoA	-8,23568188	0,080	0,303
CHR1	5886405	CHR1:5886405	SSF x Near_LoA	-8,11307009	0,077	0,306
CHR1	5886407	CHR1:5886407	SSF x Near_LoA	-8,01507733	0,127	0,293
CHR1	5886426	CHR1:5886426	SSF x Near_LoA	-9,78450018	0,138	0,309
CHR1	5895649	CHR1:5895649	SSF x Near_LoA	-9,16461306	0,009	0,309
CHR1	5895682	CHR1:5895682	SSF x Near_LoA	-8,44310521	0,044	0,302
CHR1	5895692	CHR1:5895692	SSF x Near_LoA	-6,48484308	0,152	0,279
CHR1	5895760	CHR1:5895760	SSF x Near_LoA	-7,6107638	-0,079	0,300
CHR1	5895833	CHR1:5895833	SSF x Near_LoA	-10,8488089	-0,010	0,309
CHR1	5901709	CHR1:5901709	SSF x Near_LoA	-8,68958371	0,044	0,298
CHR1	5901935	CHR1:5901935	SSF x Near_LoA	-9,12053196	-0,005	0,292
CHR1	5904948	CHR1:5904948	SSF x Near_LoA	-6,26608037	0,086	0,316
CHR1	5905252	CHR1:5905252	SSF x Near_LoA	-7,83290274	0,076	0,301
CHR1	5905253	CHR1:5905253	SSF x Near_LoA	-9,71001207	-0,041	0,313
CHR1	5905254	CHR1:5905254	SSF x Near_LoA	-10,5825187	-0,064	0,306
CHR1	592946	CHR1:592946	SSF x Near_LoA	-9,36065404	0,023	0,304
CHR1	593088	CHR1:593088	SSF x Near_LoA	-8,34852534	0,095	0,303
CHR1	593285	CHR1:593285	SSF x Near_LoA	-9,24971783	0,082	0,309
CHR1	5937054	CHR1:5937054	SSF x Near_LoA	-9,67130503	-0,106	0,311

CHR1	5937203	CHR1:5937203	SSF x Near_LoA	-11,7497425	0,083	0,301
CHR1	5937225	CHR1:5937225	SSF x Near_LoA	-9,0579562	0,051	0,308
CHR1	5941901	CHR1:5941901	SSF x Near_LoA	-11,4943557	-0,009	0,307
CHR1	5941913	CHR1:5941913	SSF x Near_LoA	-10,936485	-0,010	0,296
CHR1	5947153	CHR1:5947153	SSF x Near_LoA	-8,45729888	0,113	0,296
CHR1	5947343	CHR1:5947343	SSF x Near_LoA	-10,0660244	0,161	0,295
CHR1	5947371	CHR1:5947371	SSF x Near_LoA	-9,2238072	0,019	0,311
CHR1	5948870	CHR1:5948870	SSF x Near_LoA	-7,14067066	-0,093	0,297
CHR1	5948871	CHR1:5948871	SSF x Near_LoA	-2,72255309	-0,133	0,304
CHR1	5949011	CHR1:5949011	SSF x Near_LoA	-8,52995778	-0,100	0,301
CHR1	5995812	CHR1:5995812	SSF x Near_LoA	-9,47435245	-0,029	0,303
CHR1	5995911	CHR1:5995911	SSF x Near_LoA	-8,09255633	-0,079	0,319
CHR1	5998505	CHR1:5998505	SSF x Near_LoA	-8,23402927	-0,083	0,300
CHR1	6012411	CHR1:6012411	SSF x Near_LoA	-10,0413142	0,115	0,305
CHR1	6014299	CHR1:6014299	SSF x Near_LoA	-8,14594108	-0,102	0,321
CHR1	6014300	CHR1:6014300	SSF x Near_LoA	-10,0124681	-0,093	0,302
CHR1	6017020	CHR1:6017020	SSF x Near_LoA	-9,93186131	-0,021	0,312
CHR1	6017218	CHR1:6017218	SSF x Near_LoA	-9,20870333	-0,005	0,283
CHR1	6017273	CHR1:6017273	SSF x Near_LoA	-11,8486133	0,024	0,317
CHR1	6059475	CHR1:6059475	SSF x Near_LoA	-11,3618231	-0,012	0,317
CHR1	6062905	CHR1:6062905	SSF x Near_LoA	-9,14644907	-0,161	0,311
CHR1	6065517	CHR1:6065517	SSF x Near_LoA	-8,49978343	0,137	0,291
CHR1	6065708	CHR1:6065708	SSF x Near_LoA	-7,61438425	0,094	0,300
CHR1	6065710	CHR1:6065710	SSF x Near_LoA	-8,02273887	0,078	0,286
CHR1	6079570	CHR1:6079570	SSF x Near_LoA	-11,6570361	0,019	0,306
CHR1	6079614	CHR1:6079614	SSF x Near_LoA	-9,42129595	0,104	0,289
CHR1	6085104	CHR1:6085104	SSF x Near_LoA	-10,1200275	-0,012	0,316
CHR1	6085239	CHR1:6085239	SSF x Near_LoA	-9,79925777	0,114	0,299
CHR1	6085337	CHR1:6085337	SSF x Near_LoA	-12,1668329	-0,075	0,303
CHR1	6092555	CHR1:6092555	SSF x Near_LoA	-8,05396356	0,121	0,305
CHR1	6092697	CHR1:6092697	SSF x Near_LoA	-9,89626277	0,043	0,299
CHR1	6092727	CHR1:6092727	SSF x Near_LoA	-7,50173812	-0,136	0,307
CHR1	6092766	CHR1:6092766	SSF x Near_LoA	-3,2892286	0,076	0,314
CHR1	6092801	CHR1:6092801	SSF x Near_LoA	-10,971082	0,033	0,297
CHR1	6092818	CHR1:6092818	SSF x Near_LoA	-10,1165187	0,044	0,315
CHR1	6096674	CHR1:6096674	SSF x Near_LoA	-10,3028438	-0,089	0,294
CHR1	6096711	CHR1:6096711	SSF x Near_LoA	-9,75583233	0,028	0,319
CHR1	6096719	CHR1:6096719	SSF x Near_LoA	-10,3738983	0,028	0,311
CHR1	6103620	CHR1:6103620	SSF x Near_LoA	-11,4366784	0,015	0,286
CHR1	6110426	CHR1:6110426	SSF x Near_LoA	0,98152668	0,043	0,318
CHR1	6110434	CHR1:6110434	SSF x Near_LoA	-7,98702242	0,132	0,303
CHR1	6112543	CHR1:6112543	SSF x Near_LoA	-9,50552466	-0,023	0,295
CHR1	6122902	CHR1:6122902	SSF x Near_LoA	-7,88579984	-0,049	0,319
CHR1	6122904	CHR1:6122904	SSF x Near_LoA	-10,5786996	-0,026	0,301
CHR1	6125503	CHR1:6125503	SSF x Near_LoA	-9,09421579	-0,001	0,309
CHR1	6125557	CHR1:6125557	SSF x Near_LoA	-9,48559617	0,051	0,312
CHR1	6125561	CHR1:6125561	SSF x Near_LoA	-9,20168845	-0,022	0,299
CHR1	6127173	CHR1:6127173	SSF x Near_LoA	-12,2097982	0,031	0,298
CHR1	6127179	CHR1:6127179	SSF x Near_LoA	-2,05601469	0,097	0,315
CHR1	6127188	CHR1:6127188	SSF x Near_LoA	-5,54283117	0,190	0,297
CHR1	6127207	CHR1:6127207	SSF x Near_LoA	-4,12544083	-0,093	0,308
CHR1	6127215	CHR1:6127215	SSF x Near_LoA	4,53289623	0,142	0,304
CHR1	6127217	CHR1:6127217	SSF x Near_LoA	-8,0029817	0,179	0,293

CHR1	6127234	CHR1:6127234	SSF x Near_LoA	-4,43968073	-0,029	0,314
CHR1	6127256	CHR1:6127256	SSF x Near_LoA	-11,6036697	0,098	0,304
CHR1	6127294	CHR1:6127294	SSF x Near_LoA	-8,54574413	0,121	0,298
CHR1	6131788	CHR1:6131788	SSF x Near_LoA	-10,705823	-0,084	0,309
CHR1	6131808	CHR1:6131808	SSF x Near_LoA	-9,67403071	-0,001	0,303
CHR1	6131832	CHR1:6131832	SSF x Near_LoA	-9,06175075	-0,060	0,311
CHR1	6131881	CHR1:6131881	SSF x Near_LoA	-8,53895185	0,017	0,304
CHR1	6131888	CHR1:6131888	SSF x Near_LoA	-10,9987733	-0,001	0,325
CHR1	6137132	CHR1:6137132	SSF x Near_LoA	-11,4617937	-0,075	0,299
CHR1	6137217	CHR1:6137217	SSF x Near_LoA	-10,4659061	0,086	0,302
CHR1	6137235	CHR1:6137235	SSF x Near_LoA	-10,3759642	0,061	0,305
CHR1	6147133	CHR1:6147133	SSF x Near_LoA	-9,59754433	0,003	0,305
CHR1	6147637	CHR1:6147637	SSF x Near_LoA	-9,61458243	-0,061	0,308
CHR1	614996	CHR1:614996	SSF x Near_LoA	-9,83138742	0,027	0,325
CHR1	615057	CHR1:615057	SSF x Near_LoA	-8,28349156	-0,034	0,309
CHR1	6154957	CHR1:6154957	SSF x Near_LoA	-7,46593079	-0,073	0,312
CHR1	6155018	CHR1:6155018	SSF x Near_LoA	-10,8454601	-0,030	0,315
CHR1	6155183	CHR1:6155183	SSF x Near_LoA	-11,4683093	-0,005	0,303
CHR1	6155277	CHR1:6155277	SSF x Near_LoA	-10,4951927	-0,069	0,304
CHR1	6158240	CHR1:6158240	SSF x Near_LoA	-7,29739912	-0,134	0,305
CHR1	6158255	CHR1:6158255	SSF x Near_LoA	-8,09708676	-0,057	0,297
CHR1	6158273	CHR1:6158273	SSF x Near_LoA	-5,37401927	-0,156	0,296
CHR1	6165648	CHR1:6165648	SSF x Near_LoA	-8,29700183	-0,058	0,321
CHR1	6166285	CHR1:6166285	SSF x Near_LoA	-8,10083538	0,018	0,303
CHR1	6166292	CHR1:6166292	SSF x Near_LoA	-9,17746923	-0,140	0,301
CHR1	6166315	CHR1:6166315	SSF x Near_LoA	-8,80012636	0,095	0,306
CHR1	6166344	CHR1:6166344	SSF x Near_LoA	-11,1069367	-0,102	0,304
CHR1	6168874	CHR1:6168874	SSF x Near_LoA	1,26906957	0,116	0,307
CHR1	6173152	CHR1:6173152	SSF x Near_LoA	-9,2323458	0,061	0,307
CHR1	6173170	CHR1:6173170	SSF x Near_LoA	-9,05535686	-0,010	0,317
CHR1	6173208	CHR1:6173208	SSF x Near_LoA	-6,56859925	-0,023	0,319
CHR1	6173221	CHR1:6173221	SSF x Near_LoA	-8,69073965	-0,040	0,307
CHR1	6176989	CHR1:6176989	SSF x Near_LoA	-8,63272239	-0,072	0,304
CHR1	6177036	CHR1:6177036	SSF x Near_LoA	-11,314841	0,005	0,315
CHR1	6177053	CHR1:6177053	SSF x Near_LoA	-10,237243	0,075	0,297
CHR1	6177060	CHR1:6177060	SSF x Near_LoA	-9,86182861	-0,037	0,311
CHR1	6177074	CHR1:6177074	SSF x Near_LoA	-6,72314058	-0,060	0,301
CHR1	6177119	CHR1:6177119	SSF x Near_LoA	-10,9456014	0,021	0,314
CHR1	6177150	CHR1:6177150	SSF x Near_LoA	-10,0428857	0,003	0,320
CHR1	6177153	CHR1:6177153	SSF x Near_LoA	-11,8348801	0,034	0,296
CHR1	6190602	CHR1:6190602	SSF x Near_LoA	-7,12233542	0,064	0,300
CHR1	6190635	CHR1:6190635	SSF x Near_LoA	-8,73579977	0,018	0,311
CHR1	619557	CHR1:619557	SSF x Near_LoA	-9,14431222	0,034	0,305
CHR1	6199484	CHR1:6199484	SSF x Near_LoA	-11,1026216	-0,088	0,305
CHR1	6204385	CHR1:6204385	SSF x Near_LoA	-1,86848987	-0,073	0,297
CHR1	6204391	CHR1:6204391	SSF x Near_LoA	-8,90405618	-0,040	0,303
CHR1	6204518	CHR1:6204518	SSF x Near_LoA	-3,24277439	0,063	0,312
CHR1	6204541	CHR1:6204541	SSF x Near_LoA	-11,1542005	0,078	0,313
CHR1	6218340	CHR1:6218340	SSF x Near_LoA	-8,20795338	-0,081	0,315
CHR1	6218391	CHR1:6218391	SSF x Near_LoA	-11,3771265	0,053	0,298
CHR1	6218419	CHR1:6218419	SSF x Near_LoA	-8,49840264	0,071	0,306
CHR1	6218424	CHR1:6218424	SSF x Near_LoA	-8,38488016	0,037	0,321
CHR1	6218499	CHR1:6218499	SSF x Near_LoA	-9,72095018	-0,042	0,309

CHR1	6218516	CHR1:6218516	SSF x Near_LoA	-8,85726396	0,017	0,301
CHR1	6222041	CHR1:6222041	SSF x Near_LoA	-6,34240984	0,053	0,319
CHR1	622942	CHR1:622942	SSF x Near_LoA	-8,30630051	-0,083	0,312
CHR1	623219	CHR1:623219	SSF x Near_LoA	-9,57736171	-0,017	0,298
CHR1	623301	CHR1:623301	SSF x Near_LoA	-8,78148113	0,014	0,311
CHR1	6233225	CHR1:6233225	SSF x Near_LoA	-8,59808425	0,066	0,305
CHR1	6233266	CHR1:6233266	SSF x Near_LoA	-7,70467369	-0,145	0,305
CHR1	6233290	CHR1:6233290	SSF x Near_LoA	-6,67474297	-0,062	0,313
CHR1	6233401	CHR1:6233401	SSF x Near_LoA	-10,7818287	-0,014	0,301
CHR1	6250869	CHR1:6250869	SSF x Near_LoA	-8,91732127	-0,080	0,297
CHR1	6250896	CHR1:6250896	SSF x Near_LoA	-8,43278663	-0,121	0,316
CHR1	6250914	CHR1:6250914	SSF x Near_LoA	-8,84217168	0,112	0,308
CHR1	6265619	CHR1:6265619	SSF x Near_LoA	-10,4386479	-0,007	0,305
CHR1	6267993	CHR1:6267993	SSF x Near_LoA	-8,97135014	-0,049	0,308
CHR1	6268084	CHR1:6268084	SSF x Near_LoA	-5,00546845	0,009	0,310
CHR1	6268167	CHR1:6268167	SSF x Near_LoA	-8,93370062	-0,012	0,303
CHR1	627993	CHR1:627993	SSF x Near_LoA	-8,80720673	0,022	0,299
CHR1	628036	CHR1:628036	SSF x Near_LoA	-9,50581567	-0,102	0,302
CHR1	628046	CHR1:628046	SSF x Near_LoA	-5,33752156	-0,134	0,300
CHR1	628119	CHR1:628119	SSF x Near_LoA	-11,2266667	-0,017	0,318
CHR1	6294614	CHR1:6294614	SSF x Near_LoA	-10,5127945	0,002	0,305
CHR1	6300369	CHR1:6300369	SSF x Near_LoA	-8,06524802	-0,033	0,317
CHR1	6301168	CHR1:6301168	SSF x Near_LoA	-7,42724287	0,046	0,307
CHR1	6301219	CHR1:6301219	SSF x Near_LoA	-10,5837953	-0,006	0,306
CHR1	6301246	CHR1:6301246	SSF x Near_LoA	-8,34186964	0,035	0,311
CHR1	6303645	CHR1:6303645	SSF x Near_LoA	-9,215241	-0,041	0,313
CHR1	6303666	CHR1:6303666	SSF x Near_LoA	-10,1429147	0,019	0,302
CHR1	6303667	CHR1:6303667	SSF x Near_LoA	-9,45661344	0,032	0,307
CHR1	6306610	CHR1:6306610	SSF x Near_LoA	-6,8425399	-0,148	0,316
CHR1	6306628	CHR1:6306628	SSF x Near_LoA	-9,84101654	-0,029	0,305
CHR1	6306648	CHR1:6306648	SSF x Near_LoA	-11,7271525	0,040	0,304
CHR1	6308069	CHR1:6308069	SSF x Near_LoA	-1,7254743	-0,018	0,317
CHR1	6308152	CHR1:6308152	SSF x Near_LoA	-10,8912461	-0,077	0,307
CHR1	6316188	CHR1:6316188	SSF x Near_LoA	-11,8765687	-0,052	0,296
CHR1	6316189	CHR1:6316189	SSF x Near_LoA	-8,15953725	-0,072	0,308
CHR1	6316259	CHR1:6316259	SSF x Near_LoA	-8,96412992	0,041	0,298
CHR1	6319539	CHR1:6319539	SSF x Near_LoA	-7,68994102	-0,124	0,309
CHR1	6319713	CHR1:6319713	SSF x Near_LoA	-6,95156263	0,162	0,301
CHR1	6319728	CHR1:6319728	SSF x Near_LoA	-7,66534617	0,123	0,313
CHR1	6320803	CHR1:6320803	SSF x Near_LoA	-10,1615089	0,073	0,308
CHR1	6320817	CHR1:6320817	SSF x Near_LoA	-9,00927395	0,038	0,306
CHR1	6327371	CHR1:6327371	SSF x Near_LoA	-9,89885214	-0,044	0,302
CHR1	6331517	CHR1:6331517	SSF x Near_LoA	-8,26463746	0,020	0,316
CHR1	6335636	CHR1:6335636	SSF x Near_LoA	-11,1323486	-0,071	0,317
CHR1	6335717	CHR1:6335717	SSF x Near_LoA	-11,5586457	-0,023	0,309
CHR1	6335723	CHR1:6335723	SSF x Near_LoA	-9,15029901	0,077	0,301
CHR1	6335731	CHR1:6335731	SSF x Near_LoA	-11,1625974	-0,014	0,306
CHR1	6335751	CHR1:6335751	SSF x Near_LoA	-8,20352652	-0,018	0,318
CHR1	6335763	CHR1:6335763	SSF x Near_LoA	-11,9278208	-0,006	0,299
CHR1	6335783	CHR1:6335783	SSF x Near_LoA	-8,45268488	-0,014	0,303
CHR1	6335787	CHR1:6335787	SSF x Near_LoA	-11,1975926	0,016	0,311
CHR1	6343349	CHR1:6343349	SSF x Near_LoA	-10,4970727	-0,105	0,302
CHR1	6343382	CHR1:6343382	SSF x Near_LoA	-7,84382906	-0,079	0,292

CHR1	6343581	CHR1:6343581	SSF x Near_LoA	-7,22755612	0,165	0,299
CHR1	6351243	CHR1:6351243	SSF x Near_LoA	-11,5281125	0,032	0,306
CHR1	6353096	CHR1:6353096	SSF x Near_LoA	-10,9421933	0,071	0,301
CHR1	6353110	CHR1:6353110	SSF x Near_LoA	-7,56336356	0,059	0,308
CHR1	6353132	CHR1:6353132	SSF x Near_LoA	-7,22409718	-0,041	0,306
CHR1	6353144	CHR1:6353144	SSF x Near_LoA	-10,2501087	0,080	0,319
CHR1	6353147	CHR1:6353147	SSF x Near_LoA	-4,68251454	0,059	0,312
CHR1	6353202	CHR1:6353202	SSF x Near_LoA	-10,878245	0,018	0,313
CHR1	6353205	CHR1:6353205	SSF x Near_LoA	-11,062537	-0,004	0,309
CHR1	6353285	CHR1:6353285	SSF x Near_LoA	-9,44582745	-0,020	0,310
CHR1	6370225	CHR1:6370225	SSF x Near_LoA	-8,14201961	-0,068	0,309
CHR1	6370305	CHR1:6370305	SSF x Near_LoA	-8,60535493	0,104	0,300
CHR1	6372305	CHR1:6372305	SSF x Near_LoA	-9,55121196	0,054	0,310
CHR1	6372379	CHR1:6372379	SSF x Near_LoA	-10,6097022	-0,032	0,323
CHR1	6372521	CHR1:6372521	SSF x Near_LoA	-9,21204691	-0,004	0,314
CHR1	6372536	CHR1:6372536	SSF x Near_LoA	-11,3547544	0,046	0,296
CHR1	6376704	CHR1:6376704	SSF x Near_LoA	-8,79311964	0,066	0,295
CHR1	6376723	CHR1:6376723	SSF x Near_LoA	-5,25716486	0,043	0,323
CHR1	6376738	CHR1:6376738	SSF x Near_LoA	-10,1405477	0,054	0,289
CHR1	6376796	CHR1:6376796	SSF x Near_LoA	-8,67541778	0,026	0,312
CHR1	6376797	CHR1:6376797	SSF x Near_LoA	-8,50316168	-0,110	0,300
CHR1	6376809	CHR1:6376809	SSF x Near_LoA	-9,41817907	-0,073	0,310
CHR1	6376835	CHR1:6376835	SSF x Near_LoA	-7,22618081	-0,199	0,296
CHR1	6378385	CHR1:6378385	SSF x Near_LoA	-10,8152949	0,065	0,297
CHR1	6383871	CHR1:6383871	SSF x Near_LoA	-11,0120703	-0,016	0,313
CHR1	6384012	CHR1:6384012	SSF x Near_LoA	-9,8475523	0,034	0,299
CHR1	6384057	CHR1:6384057	SSF x Near_LoA	-8,98226742	-0,014	0,301
CHR1	6384078	CHR1:6384078	SSF x Near_LoA	-9,94507354	0,021	0,298
CHR1	640248	CHR1:640248	SSF x Near_LoA	-9,49237599	-0,021	0,307
CHR1	640259	CHR1:640259	SSF x Near_LoA	-6,18341647	-0,013	0,316
CHR1	640261	CHR1:640261	SSF x Near_LoA	-9,99287186	0,018	0,298
CHR1	640384	CHR1:640384	SSF x Near_LoA	-9,18020772	-0,038	0,295
CHR1	6415649	CHR1:6415649	SSF x Near_LoA	-11,0467487	-0,116	0,307
CHR1	6415671	CHR1:6415671	SSF x Near_LoA	-6,28002773	0,104	0,308
CHR1	6415675	CHR1:6415675	SSF x Near_LoA	-11,033583	-0,015	0,312
CHR1	6415767	CHR1:6415767	SSF x Near_LoA	-6,81549537	-0,003	0,298
CHR1	6415805	CHR1:6415805	SSF x Near_LoA	-9,38487451	-0,075	0,302
CHR1	6415806	CHR1:6415806	SSF x Near_LoA	-7,06146103	-0,074	0,306
CHR1	6415814	CHR1:6415814	SSF x Near_LoA	-8,36808533	-0,117	0,294
CHR1	6415840	CHR1:6415840	SSF x Near_LoA	-2,66575769	-0,051	0,310
CHR1	6415899	CHR1:6415899	SSF x Near_LoA	-9,29028023	-0,004	0,318
CHR1	6419733	CHR1:6419733	SSF x Near_LoA	-10,1730987	0,018	0,313
CHR1	6419778	CHR1:6419778	SSF x Near_LoA	-10,5246869	-0,018	0,322
CHR1	6419798	CHR1:6419798	SSF x Near_LoA	-11,0630834	0,046	0,302
CHR1	6419827	CHR1:6419827	SSF x Near_LoA	-9,4211491	0,134	0,297
CHR1	6419852	CHR1:6419852	SSF x Near_LoA	-10,2271854	-0,027	0,296
CHR1	6424893	CHR1:6424893	SSF x Near_LoA	-9,56578173	0,022	0,317
CHR1	6424943	CHR1:6424943	SSF x Near_LoA	-5,2353004	-0,165	0,308
CHR1	6426230	CHR1:6426230	SSF x Near_LoA	-9,00262723	-0,117	0,305
CHR1	642895	CHR1:642895	SSF x Near_LoA	-6,64649465	0,122	0,307
CHR1	642944	CHR1:642944	SSF x Near_LoA	-5,85527744	0,124	0,321
CHR1	642958	CHR1:642958	SSF x Near_LoA	-4,96803594	-0,072	0,310
CHR1	642961	CHR1:642961	SSF x Near_LoA	-7,73811856	-0,061	0,314

CHR1	642990	CHR1:642990	SSF x Near_LoA	-8,192331	-0,002	0,320
CHR1	643096	CHR1:643096	SSF x Near_LoA	-11,8795293	0,040	0,293
CHR1	6435715	CHR1:6435715	SSF x Near_LoA	-9,62487149	-0,024	0,313
CHR1	6438772	CHR1:6438772	SSF x Near_LoA	-8,55801981	-0,014	0,302
CHR1	6438777	CHR1:6438777	SSF x Near_LoA	-9,90211407	-0,042	0,299
CHR1	6438782	CHR1:6438782	SSF x Near_LoA	-9,53794662	-0,025	0,315
CHR1	6438799	CHR1:6438799	SSF x Near_LoA	-5,66762165	-0,088	0,307
CHR1	6452426	CHR1:6452426	SSF x Near_LoA	-11,2315129	0,028	0,306
CHR1	648321	CHR1:648321	SSF x Near_LoA	-9,89327577	0,015	0,317
CHR1	6487191	CHR1:6487191	SSF x Near_LoA	-11,7139549	-0,106	0,300
CHR1	6487235	CHR1:6487235	SSF x Near_LoA	-9,36732844	0,023	0,299
CHR1	6487319	CHR1:6487319	SSF x Near_LoA	-10,0209431	-0,005	0,303
CHR1	6487382	CHR1:6487382	SSF x Near_LoA	-8,67337545	-0,007	0,321
CHR1	6492778	CHR1:6492778	SSF x Near_LoA	-9,76388487	-0,025	0,300
CHR1	6492792	CHR1:6492792	SSF x Near_LoA	-10,7959508	0,015	0,320
CHR1	6498893	CHR1:6498893	SSF x Near_LoA	-8,99016467	-0,021	0,306
CHR1	6498903	CHR1:6498903	SSF x Near_LoA	-7,71462197	-0,060	0,312
CHR1	6499053	CHR1:6499053	SSF x Near_LoA	-10,8958283	-0,040	0,315
CHR1	6512413	CHR1:6512413	SSF x Near_LoA	-6,86194604	0,003	0,319
CHR1	6512527	CHR1:6512527	SSF x Near_LoA	-8,22837036	0,030	0,316
CHR1	6512650	CHR1:6512650	SSF x Near_LoA	-10,0684534	-0,009	0,316
CHR1	6512652	CHR1:6512652	SSF x Near_LoA	-8,88859901	-0,034	0,313
CHR1	6512663	CHR1:6512663	SSF x Near_LoA	-10,9386496	-0,012	0,301
CHR1	6512692	CHR1:6512692	SSF x Near_LoA	-8,2930532	-0,022	0,312
CHR1	6523363	CHR1:6523363	SSF x Near_LoA	-7,58026618	-0,056	0,304
CHR1	6525170	CHR1:6525170	SSF x Near_LoA	-9,78103201	0,045	0,310
CHR1	6525266	CHR1:6525266	SSF x Near_LoA	-10,7014683	-0,107	0,302
CHR1	6528407	CHR1:6528407	SSF x Near_LoA	-10,4452397	-0,001	0,312
CHR1	6528536	CHR1:6528536	SSF x Near_LoA	-11,0640486	-0,003	0,305
CHR1	6528542	CHR1:6528542	SSF x Near_LoA	-6,3711939	0,057	0,303
CHR1	6528549	CHR1:6528549	SSF x Near_LoA	-8,87272351	0,046	0,311
CHR1	6528551	CHR1:6528551	SSF x Near_LoA	-10,3710301	0,051	0,303
CHR1	6528601	CHR1:6528601	SSF x Near_LoA	-10,2821791	0,000	0,294
CHR1	6528606	CHR1:6528606	SSF x Near_LoA	-10,9144389	0,032	0,297
CHR1	653326	CHR1:653326	SSF x Near_LoA	-10,5573729	-0,143	0,299
CHR1	6534510	CHR1:6534510	SSF x Near_LoA	-2,94580174	-0,039	0,303
CHR1	6537187	CHR1:6537187	SSF x Near_LoA	-10,1478635	-0,028	0,301
CHR1	6537192	CHR1:6537192	SSF x Near_LoA	-10,011484	-0,067	0,306
CHR1	6537212	CHR1:6537212	SSF x Near_LoA	-7,74282352	-0,067	0,316
CHR1	6537264	CHR1:6537264	SSF x Near_LoA	-6,81968675	0,202	0,301
CHR1	6537272	CHR1:6537272	SSF x Near_LoA	-11,4858652	-0,038	0,316
CHR1	6537281	CHR1:6537281	SSF x Near_LoA	-3,98479401	-0,089	0,307
CHR1	6540317	CHR1:6540317	SSF x Near_LoA	-8,80165976	-0,105	0,306
CHR1	6540348	CHR1:6540348	SSF x Near_LoA	-9,20380483	-0,111	0,308
CHR1	6540402	CHR1:6540402	SSF x Near_LoA	-10,1408003	-0,090	0,305
CHR1	6542225	CHR1:6542225	SSF x Near_LoA	-7,8844765	0,070	0,304
CHR1	6542328	CHR1:6542328	SSF x Near_LoA	-6,78963707	-0,087	0,311
CHR1	6542372	CHR1:6542372	SSF x Near_LoA	-8,87872802	0,068	0,301
CHR1	6546732	CHR1:6546732	SSF x Near_LoA	-4,78391632	-0,246	0,285
CHR1	6550805	CHR1:6550805	SSF x Near_LoA	-9,44061978	-0,034	0,299
CHR1	6550816	CHR1:6550816	SSF x Near_LoA	-6,80856671	-0,055	0,308
CHR1	6550950	CHR1:6550950	SSF x Near_LoA	-9,54590964	0,031	0,309
CHR1	6550974	CHR1:6550974	SSF x Near_LoA	-11,155332	0,026	0,320

CHR1	6561251	CHR1:6561251	SSF x Near_LoA	-9,82680005	0,016	0,301
CHR1	6589156	CHR1:6589156	SSF x Near_LoA	-7,95298519	-0,069	0,321
CHR1	659259	CHR1:659259	SSF x Near_LoA	-7,75255081	-0,093	0,292
CHR1	6596052	CHR1:6596052	SSF x Near_LoA	-10,0036201	0,066	0,304
CHR1	6596948	CHR1:6596948	SSF x Near_LoA	-6,90106279	0,009	0,314
CHR1	6599768	CHR1:6599768	SSF x Near_LoA	-9,6914938	-0,038	0,305
CHR1	6599810	CHR1:6599810	SSF x Near_LoA	-7,06447167	-0,039	0,311
CHR1	6599860	CHR1:6599860	SSF x Near_LoA	-8,49390972	-0,026	0,303
CHR1	6604043	CHR1:6604043	SSF x Near_LoA	-9,15934713	-0,135	0,311
CHR1	6604124	CHR1:6604124	SSF x Near_LoA	-10,8469368	-0,052	0,306
CHR1	6604180	CHR1:6604180	SSF x Near_LoA	-9,7862171	-0,085	0,294
CHR1	6609766	CHR1:6609766	SSF x Near_LoA	-9,1077837	-0,004	0,308
CHR1	6609779	CHR1:6609779	SSF x Near_LoA	-7,98091734	-0,075	0,306
CHR1	6609805	CHR1:6609805	SSF x Near_LoA	-8,07712869	-0,014	0,307
CHR1	6609860	CHR1:6609860	SSF x Near_LoA	-8,2745539	0,153	0,301
CHR1	6609866	CHR1:6609866	SSF x Near_LoA	-9,09665765	0,052	0,308
CHR1	6609867	CHR1:6609867	SSF x Near_LoA	-5,67524472	0,025	0,315
CHR1	6609871	CHR1:6609871	SSF x Near_LoA	-9,39207254	0,041	0,309
CHR1	661372	CHR1:661372	SSF x Near_LoA	-10,8770025	-0,094	0,302
CHR1	661373	CHR1:661373	SSF x Near_LoA	-8,61839227	-0,133	0,300
CHR1	6614884	CHR1:6614884	SSF x Near_LoA	-9,88906808	0,162	0,300
CHR1	6614895	CHR1:6614895	SSF x Near_LoA	-8,45766574	0,054	0,312
CHR1	6614910	CHR1:6614910	SSF x Near_LoA	-8,57800337	-0,093	0,308
CHR1	6614974	CHR1:6614974	SSF x Near_LoA	-8,83687937	0,042	0,307
CHR1	6615034	CHR1:6615034	SSF x Near_LoA	-7,74095299	0,023	0,299
CHR1	6615041	CHR1:6615041	SSF x Near_LoA	-7,58349579	-0,132	0,311
CHR1	6615060	CHR1:6615060	SSF x Near_LoA	-7,46631792	0,085	0,302
CHR1	6615082	CHR1:6615082	SSF x Near_LoA	-9,15260802	0,003	0,286
CHR1	6615122	CHR1:6615122	SSF x Near_LoA	-8,5901106	0,175	0,295
CHR1	6615162	CHR1:6615162	SSF x Near_LoA	-7,71773353	0,027	0,302
CHR1	6615165	CHR1:6615165	SSF x Near_LoA	-6,87185028	-0,097	0,299
CHR1	6640665	CHR1:6640665	SSF x Near_LoA	-11,3746202	0,103	0,286
CHR1	6641751	CHR1:6641751	SSF x Near_LoA	-6,9949535	-0,135	0,308
CHR1	6641894	CHR1:6641894	SSF x Near_LoA	-7,81403052	-0,141	0,310
CHR1	6662997	CHR1:6662997	SSF x Near_LoA	-10,8453836	-0,023	0,307
CHR1	6665262	CHR1:6665262	SSF x Near_LoA	-8,85362671	-0,018	0,301
CHR1	6665275	CHR1:6665275	SSF x Near_LoA	-10,0530916	0,047	0,315
CHR1	6665276	CHR1:6665276	SSF x Near_LoA	-6,89921859	0,126	0,302
CHR1	6665281	CHR1:6665281	SSF x Near_LoA	-9,37020983	0,065	0,307
CHR1	6670281	CHR1:6670281	SSF x Near_LoA	-8,22708392	-0,171	0,303
CHR1	6671832	CHR1:6671832	SSF x Near_LoA	-10,273472	-0,065	0,299
CHR1	6680786	CHR1:6680786	SSF x Near_LoA	-9,69877356	0,085	0,311
CHR1	6680817	CHR1:6680817	SSF x Near_LoA	-7,12851107	0,014	0,293
CHR1	6680823	CHR1:6680823	SSF x Near_LoA	-7,84123972	0,008	0,282
CHR1	6680855	CHR1:6680855	SSF x Near_LoA	-8,69300133	-0,005	0,285
CHR1	6680862	CHR1:6680862	SSF x Near_LoA	-9,29794999	-0,002	0,283
CHR1	6680949	CHR1:6680949	SSF x Near_LoA	-6,93569123	-0,102	0,290
CHR1	6684730	CHR1:6684730	SSF x Near_LoA	-7,68790998	0,055	0,312
CHR1	6687970	CHR1:6687970	SSF x Near_LoA	-6,95896107	-0,130	0,296
CHR1	6692658	CHR1:6692658	SSF x Near_LoA	-8,76272693	0,030	0,323
CHR1	6697720	CHR1:6697720	SSF x Near_LoA	-9,56173264	0,069	0,290
CHR1	6704184	CHR1:6704184	SSF x Near_LoA	-10,5582162	-0,032	0,312
CHR1	6704262	CHR1:6704262	SSF x Near_LoA	-8,75288469	0,155	0,286

CHR1	6704477	CHR1:6704477	SSF x Near_LoA	-11,0072777	0,003	0,322
CHR1	6718065	CHR1:6718065	SSF x Near_LoA	-9,74587772	0,130	0,309
CHR1	6725301	CHR1:6725301	SSF x Near_LoA	-9,219015	0,010	0,303
CHR1	6725302	CHR1:6725302	SSF x Near_LoA	-7,15042669	0,039	0,308
CHR1	6736270	CHR1:6736270	SSF x Near_LoA	-8,29569728	-0,081	0,297
CHR1	6736320	CHR1:6736320	SSF x Near_LoA	-11,4270621	0,062	0,306
CHR1	6736345	CHR1:6736345	SSF x Near_LoA	-9,52228792	0,004	0,312
CHR1	6736407	CHR1:6736407	SSF x Near_LoA	-6,31370846	0,074	0,311
CHR1	6745502	CHR1:6745502	SSF x Near_LoA	-8,95609234	0,064	0,297
CHR1	674558	CHR1:674558	SSF x Near_LoA	-8,01190523	0,051	0,308
CHR1	674564	CHR1:674564	SSF x Near_LoA	-6,4028538	0,078	0,313
CHR1	674599	CHR1:674599	SSF x Near_LoA	-11,6420861	0,065	0,303
CHR1	674620	CHR1:674620	SSF x Near_LoA	-9,34255235	0,032	0,312
CHR1	674623	CHR1:674623	SSF x Near_LoA	-7,0039336	-0,122	0,303
CHR1	6751320	CHR1:6751320	SSF x Near_LoA	-8,56051395	0,133	0,302
CHR1	6754256	CHR1:6754256	SSF x Near_LoA	-8,56141213	-0,152	0,322
CHR1	6765445	CHR1:6765445	SSF x Near_LoA	-10,0411694	0,013	0,312
CHR1	6765520	CHR1:6765520	SSF x Near_LoA	-7,92929552	-0,009	0,297
CHR1	6765548	CHR1:6765548	SSF x Near_LoA	-8,43150152	0,053	0,306
CHR1	6767134	CHR1:6767134	SSF x Near_LoA	-7,96226598	0,145	0,302
CHR1	6781682	CHR1:6781682	SSF x Near_LoA	-6,42263917	0,152	0,304
CHR1	6781691	CHR1:6781691	SSF x Near_LoA	-9,25061534	0,166	0,292
CHR1	6788536	CHR1:6788536	SSF x Near_LoA	-10,2100572	0,023	0,297
CHR1	6813021	CHR1:6813021	SSF x Near_LoA	-9,13632905	0,110	0,319
CHR1	6813170	CHR1:6813170	SSF x Near_LoA	-8,32904935	0,019	0,322
CHR1	6813171	CHR1:6813171	SSF x Near_LoA	-7,06184739	0,004	0,319
CHR1	6813172	CHR1:6813172	SSF x Near_LoA	-8,90490697	0,002	0,318
CHR1	6813192	CHR1:6813192	SSF x Near_LoA	-8,78684035	0,004	0,315
CHR1	6872475	CHR1:6872475	SSF x Near_LoA	-11,0812447	0,023	0,306
CHR1	6881059	CHR1:6881059	SSF x Near_LoA	-7,72179714	0,029	0,326
CHR1	6881067	CHR1:6881067	SSF x Near_LoA	-9,67012263	-0,041	0,306
CHR1	6881093	CHR1:6881093	SSF x Near_LoA	-8,87508368	-0,018	0,303
CHR1	6884682	CHR1:6884682	SSF x Near_LoA	-9,84146392	0,121	0,294
CHR1	6884801	CHR1:6884801	SSF x Near_LoA	-9,04343197	-0,105	0,314
CHR1	6884816	CHR1:6884816	SSF x Near_LoA	-9,25479259	0,013	0,306
CHR1	6889018	CHR1:6889018	SSF x Near_LoA	-6,90397352	-0,100	0,302
CHR1	6889046	CHR1:6889046	SSF x Near_LoA	-9,93254213	0,036	0,314
CHR1	6889080	CHR1:6889080	SSF x Near_LoA	-9,82555729	-0,071	0,296
CHR1	6889109	CHR1:6889109	SSF x Near_LoA	-7,1716169	0,118	0,293
CHR1	6889121	CHR1:6889121	SSF x Near_LoA	-8,52425243	0,105	0,292
CHR1	6889130	CHR1:6889130	SSF x Near_LoA	-8,63757536	0,111	0,308
CHR1	6889202	CHR1:6889202	SSF x Near_LoA	-6,74330443	0,161	0,299
CHR1	6889230	CHR1:6889230	SSF x Near_LoA	-10,5170469	0,056	0,309
CHR1	6892843	CHR1:6892843	SSF x Near_LoA	-11,7449056	0,072	0,308
CHR1	6892867	CHR1:6892867	SSF x Near_LoA	-8,62859242	0,014	0,310
CHR1	6892876	CHR1:6892876	SSF x Near_LoA	-8,86607727	0,085	0,305
CHR1	6896414	CHR1:6896414	SSF x Near_LoA	7,52391412	0,032	0,319
CHR1	6902154	CHR1:6902154	SSF x Near_LoA	-10,3379884	-0,008	0,301
CHR1	6902199	CHR1:6902199	SSF x Near_LoA	-9,20355088	0,103	0,304
CHR1	6910268	CHR1:6910268	SSF x Near_LoA	-3,26823182	0,126	0,296
CHR1	6910907	CHR1:6910907	SSF x Near_LoA	-9,46153376	0,007	0,316
CHR1	6910918	CHR1:6910918	SSF x Near_LoA	-9,35574183	-0,002	0,318
CHR1	6910933	CHR1:6910933	SSF x Near_LoA	-10,8494265	-0,009	0,301

CHR1	6910953	CHR1:6910953	SSF x Near_LoA	-8,55513679	-0,068	0,319
CHR1	6918301	CHR1:6918301	SSF x Near_LoA	-8,88700284	-0,014	0,307
CHR1	6918358	CHR1:6918358	SSF x Near_LoA	-11,0827757	-0,023	0,292
CHR1	6918360	CHR1:6918360	SSF x Near_LoA	-10,5279172	-0,031	0,306
CHR1	6918390	CHR1:6918390	SSF x Near_LoA	-8,95378461	-0,054	0,312
CHR1	6918403	CHR1:6918403	SSF x Near_LoA	-5,27948788	0,001	0,309
CHR1	6918473	CHR1:6918473	SSF x Near_LoA	-8,66114328	0,085	0,295
CHR1	6918498	CHR1:6918498	SSF x Near_LoA	-8,91924567	-0,074	0,307
CHR1	6918535	CHR1:6918535	SSF x Near_LoA	-10,2494622	0,165	0,298
CHR1	6918541	CHR1:6918541	SSF x Near_LoA	-3,40770383	0,218	0,290
CHR1	6918666	CHR1:6918666	SSF x Near_LoA	-10,6138528	0,076	0,310
CHR1	6929681	CHR1:6929681	SSF x Near_LoA	-11,4514307	0,039	0,311
CHR1	6930782	CHR1:6930782	SSF x Near_LoA	-7,75998534	0,114	0,310
CHR1	6939667	CHR1:6939667	SSF x Near_LoA	-4,8135559	0,156	0,289
CHR1	6939694	CHR1:6939694	SSF x Near_LoA	-7,17631629	0,191	0,282
CHR1	6939755	CHR1:6939755	SSF x Near_LoA	2,93088182	0,184	0,307
CHR1	6939768	CHR1:6939768	SSF x Near_LoA	-6,57154748	0,180	0,294
CHR1	6939776	CHR1:6939776	SSF x Near_LoA	-7,28618303	-0,003	0,311
CHR1	694560	CHR1:694560	SSF x Near_LoA	-8,84788686	-0,075	0,314
CHR1	694868	CHR1:694868	SSF x Near_LoA	-11,5306404	-0,053	0,299
CHR1	694894	CHR1:694894	SSF x Near_LoA	-8,88795343	-0,084	0,305
CHR1	6949949	CHR1:6949949	SSF x Near_LoA	-7,37972994	0,186	0,301
CHR1	6949967	CHR1:6949967	SSF x Near_LoA	-7,51768023	-0,038	0,304
CHR1	6950004	CHR1:6950004	SSF x Near_LoA	-11,6436548	0,076	0,299
CHR1	6953989	CHR1:6953989	SSF x Near_LoA	-10,3270571	-0,051	0,302
CHR1	6954074	CHR1:6954074	SSF x Near_LoA	-9,27378827	-0,029	0,317
CHR1	6954126	CHR1:6954126	SSF x Near_LoA	-8,40397308	-0,079	0,301
CHR1	6962182	CHR1:6962182	SSF x Near_LoA	-6,79177848	-0,100	0,295
CHR1	6962184	CHR1:6962184	SSF x Near_LoA	-8,00813378	-0,109	0,306
CHR1	6962218	CHR1:6962218	SSF x Near_LoA	-10,0555206	0,029	0,310
CHR1	6962235	CHR1:6962235	SSF x Near_LoA	-10,8357644	-0,007	0,304
CHR1	6962264	CHR1:6962264	SSF x Near_LoA	-8,80128999	-0,024	0,306
CHR1	6962308	CHR1:6962308	SSF x Near_LoA	-8,8676577	0,018	0,315
CHR1	6962342	CHR1:6962342	SSF x Near_LoA	-9,21241268	-0,154	0,312
CHR1	6962406	CHR1:6962406	SSF x Near_LoA	-9,8834788	0,000	0,323
CHR1	6962408	CHR1:6962408	SSF x Near_LoA	-9,78294433	-0,022	0,307
CHR1	6972547	CHR1:6972547	SSF x Near_LoA	-8,53659003	-0,136	0,291
CHR1	6972567	CHR1:6972567	SSF x Near_LoA	-7,20963826	-0,034	0,307
CHR1	6972571	CHR1:6972571	SSF x Near_LoA	-5,04483499	-0,172	0,293
CHR1	6972580	CHR1:6972580	SSF x Near_LoA	-10,4081556	0,112	0,311
CHR1	6972582	CHR1:6972582	SSF x Near_LoA	-10,1732005	0,101	0,300
CHR1	6972663	CHR1:6972663	SSF x Near_LoA	-9,3967288	0,030	0,314
CHR1	6972676	CHR1:6972676	SSF x Near_LoA	-1,29917604	0,041	0,318
CHR1	6972752	CHR1:6972752	SSF x Near_LoA	-9,55082974	-0,095	0,310
CHR1	6982056	CHR1:6982056	SSF x Near_LoA	-8,40051418	0,072	0,315
CHR1	6982219	CHR1:6982219	SSF x Near_LoA	-5,75987209	0,040	0,306
CHR1	6982237	CHR1:6982237	SSF x Near_LoA	-9,44292124	0,008	0,301
CHR1	6991556	CHR1:6991556	SSF x Near_LoA	-11,5732569	-0,038	0,319
CHR1	6991571	CHR1:6991571	SSF x Near_LoA	-10,6605765	-0,058	0,303
CHR1	7003620	CHR1:7003620	SSF x Near_LoA	-10,9785019	-0,029	0,304
CHR1	7019028	CHR1:7019028	SSF x Near_LoA	-8,42266391	0,044	0,311
CHR1	7019074	CHR1:7019074	SSF x Near_LoA	-9,07932304	0,106	0,279
CHR1	7019100	CHR1:7019100	SSF x Near_LoA	-8,29555395	0,128	0,295

CHR1	7019210	CHR1:7019210	SSF x Near_LoA	-1,88116223	0,062	0,309
CHR1	7019216	CHR1:7019216	SSF x Near_LoA	-8,37640612	0,033	0,316
CHR1	7019229	CHR1:7019229	SSF x Near_LoA	-11,8941931	0,058	0,312
CHR1	7023116	CHR1:7023116	SSF x Near_LoA	-11,438246	-0,046	0,295
CHR1	7025508	CHR1:7025508	SSF x Near_LoA	-9,67993075	-0,010	0,301
CHR1	7025518	CHR1:7025518	SSF x Near_LoA	-10,4107183	0,038	0,310
CHR1	7025646	CHR1:7025646	SSF x Near_LoA	-10,6866664	-0,013	0,299
CHR1	7039369	CHR1:7039369	SSF x Near_LoA	-8,98580471	0,120	0,309
CHR1	7039373	CHR1:7039373	SSF x Near_LoA	-10,4555966	-0,089	0,306
CHR1	7039392	CHR1:7039392	SSF x Near_LoA	-8,68196306	-0,117	0,311
CHR1	7039428	CHR1:7039428	SSF x Near_LoA	-7,7875541	0,121	0,309
CHR1	7039555	CHR1:7039555	SSF x Near_LoA	-9,14518771	0,100	0,304
CHR1	7039580	CHR1:7039580	SSF x Near_LoA	-7,90842807	0,114	0,296
CHR1	7039595	CHR1:7039595	SSF x Near_LoA	-8,63793209	-0,065	0,316
CHR1	7039596	CHR1:7039596	SSF x Near_LoA	-8,66085056	0,068	0,322
CHR1	7041138	CHR1:7041138	SSF x Near_LoA	-12,377445	0,040	0,311
CHR1	7041184	CHR1:7041184	SSF x Near_LoA	-10,8184559	-0,066	0,308
CHR1	7042934	CHR1:7042934	SSF x Near_LoA	-10,4486028	-0,105	0,308
CHR1	7042953	CHR1:7042953	SSF x Near_LoA	-11,066436	-0,041	0,305
CHR1	7043042	CHR1:7043042	SSF x Near_LoA	-6,11962807	-0,118	0,308
CHR1	7043049	CHR1:7043049	SSF x Near_LoA	-9,42332959	-0,005	0,330
CHR1	7043123	CHR1:7043123	SSF x Near_LoA	-10,8659198	-0,043	0,314
CHR1	706645	CHR1:706645	SSF x Near_LoA	-7,30245227	0,050	0,300
CHR1	7066678	CHR1:7066678	SSF x Near_LoA	-10,6996082	-0,068	0,305
CHR1	7066750	CHR1:7066750	SSF x Near_LoA	-9,89322927	-0,026	0,303
CHR1	7066879	CHR1:7066879	SSF x Near_LoA	-8,51393255	0,000	0,309
CHR1	7066933	CHR1:7066933	SSF x Near_LoA	-10,9193707	-0,034	0,311
CHR1	706765	CHR1:706765	SSF x Near_LoA	-9,76934985	-0,066	0,303
CHR1	707338	CHR1:707338	SSF x Near_LoA	-1,95921825	-0,036	0,313
CHR1	707375	CHR1:707375	SSF x Near_LoA	-8,99403897	-0,069	0,301
CHR1	7087655	CHR1:7087655	SSF x Near_LoA	-11,3336348	-0,059	0,305
CHR1	7087784	CHR1:7087784	SSF x Near_LoA	-8,26076359	0,046	0,312
CHR1	7090640	CHR1:7090640	SSF x Near_LoA	-8,44673003	0,033	0,307
CHR1	7090687	CHR1:7090687	SSF x Near_LoA	-9,77517358	0,006	0,308
CHR1	7090730	CHR1:7090730	SSF x Near_LoA	-10,190489	0,107	0,303
CHR1	7090737	CHR1:7090737	SSF x Near_LoA	-6,62251654	-0,141	0,298
CHR1	7094072	CHR1:7094072	SSF x Near_LoA	-9,31837037	0,066	0,314
CHR1	7119674	CHR1:7119674	SSF x Near_LoA	-8,29787403	-0,142	0,309
CHR1	7153962	CHR1:7153962	SSF x Near_LoA	-7,99578161	-0,069	0,300
CHR1	7154078	CHR1:7154078	SSF x Near_LoA	-9,00722588	-0,033	0,312
CHR1	7161003	CHR1:7161003	SSF x Near_LoA	-7,92687127	0,072	0,295
CHR1	7161336	CHR1:7161336	SSF x Near_LoA	-8,58575841	0,063	0,310
CHR1	7161368	CHR1:7161368	SSF x Near_LoA	-9,14897107	-0,164	0,307
CHR1	7165747	CHR1:7165747	SSF x Near_LoA	-8,70542076	0,092	0,312
CHR1	7194676	CHR1:7194676	SSF x Near_LoA	-7,11926036	-0,014	0,311
CHR1	7194679	CHR1:7194679	SSF x Near_LoA	-8,59844122	-0,094	0,308
CHR1	7194837	CHR1:7194837	SSF x Near_LoA	-9,13253939	-0,013	0,303
CHR1	7204717	CHR1:7204717	SSF x Near_LoA	-7,88454355	-0,015	0,301
CHR1	7245966	CHR1:7245966	SSF x Near_LoA	-10,2848871	0,069	0,310
CHR1	7246035	CHR1:7246035	SSF x Near_LoA	-8,75423193	0,043	0,306
CHR1	7246045	CHR1:7246045	SSF x Near_LoA	-10,3439163	0,019	0,294
CHR1	7246053	CHR1:7246053	SSF x Near_LoA	-10,926049	0,013	0,306
CHR1	7255925	CHR1:7255925	SSF x Near_LoA	2,18178329	0,012	0,304

CHR1	7256007	CHR1:7256007	SSF x Near_LoA	-8,85926165	-0,057	0,311
CHR1	7256106	CHR1:7256106	SSF x Near_LoA	-8,98829583	-0,002	0,300
CHR1	728841	CHR1:728841	SSF x Near_LoA	-10,0634734	-0,072	0,315
CHR1	7305675	CHR1:7305675	SSF x Near_LoA	3,59363334	0,151	0,301
CHR1	7309513	CHR1:7309513	SSF x Near_LoA	-9,20557999	0,097	0,292
CHR1	7312978	CHR1:7312978	SSF x Near_LoA	-8,73398297	0,059	0,304
CHR1	7313024	CHR1:7313024	SSF x Near_LoA	-10,883724	-0,053	0,303
CHR1	7317704	CHR1:7317704	SSF x Near_LoA	-10,6469719	-0,060	0,303
CHR1	7329246	CHR1:7329246	SSF x Near_LoA	-6,28040432	-0,116	0,308
CHR1	7364806	CHR1:7364806	SSF x Near_LoA	-10,0268685	-0,112	0,306
CHR1	7367953	CHR1:7367953	SSF x Near_LoA	-11,1585088	0,112	0,295
CHR1	7368035	CHR1:7368035	SSF x Near_LoA	-8,61510468	0,081	0,296
CHR1	7368087	CHR1:7368087	SSF x Near_LoA	-7,91043993	0,070	0,293
CHR1	7368189	CHR1:7368189	SSF x Near_LoA	-9,7035013	0,095	0,295
CHR1	7368208	CHR1:7368208	SSF x Near_LoA	-8,95215223	0,061	0,305
CHR1	7384032	CHR1:7384032	SSF x Near_LoA	-9,35889789	0,079	0,294
CHR1	7402430	CHR1:7402430	SSF x Near_LoA	-8,15577312	-0,015	0,301
CHR1	7424390	CHR1:7424390	SSF x Near_LoA	-11,2833331	0,023	0,311
CHR1	7424527	CHR1:7424527	SSF x Near_LoA	-8,47695503	-0,059	0,302
CHR1	7424642	CHR1:7424642	SSF x Near_LoA	-5,45200854	-0,009	0,295
CHR1	7435827	CHR1:7435827	SSF x Near_LoA	-8,57968533	-0,058	0,309
CHR1	7436551	CHR1:7436551	SSF x Near_LoA	-8,27753097	0,053	0,307
CHR1	7449553	CHR1:7449553	SSF x Near_LoA	-8,47189683	0,147	0,313
CHR1	7458478	CHR1:7458478	SSF x Near_LoA	-11,518605	-0,005	0,307
CHR1	7464728	CHR1:7464728	SSF x Near_LoA	-10,1186013	-0,015	0,315
CHR1	7464808	CHR1:7464808	SSF x Near_LoA	-10,4885918	-0,015	0,308
CHR1	7464859	CHR1:7464859	SSF x Near_LoA	-8,63078867	0,115	0,316
CHR1	7464866	CHR1:7464866	SSF x Near_LoA	-9,46249818	0,121	0,301
CHR1	7464869	CHR1:7464869	SSF x Near_LoA	-8,27188177	0,008	0,331
CHR1	7464873	CHR1:7464873	SSF x Near_LoA	-10,0969828	0,051	0,309
CHR1	7466379	CHR1:7466379	SSF x Near_LoA	-10,7162544	-0,054	0,304
CHR1	7466440	CHR1:7466440	SSF x Near_LoA	-10,705013	-0,021	0,309
CHR1	7482274	CHR1:7482274	SSF x Near_LoA	-9,02160863	0,059	0,299
CHR1	7493292	CHR1:7493292	SSF x Near_LoA	-10,8128369	-0,103	0,323
CHR1	7493306	CHR1:7493306	SSF x Near_LoA	-10,785655	0,089	0,306
CHR1	7493337	CHR1:7493337	SSF x Near_LoA	-2,30100949	-0,095	0,301
CHR1	7493338	CHR1:7493338	SSF x Near_LoA	-8,1094553	0,106	0,286
CHR1	7498455	CHR1:7498455	SSF x Near_LoA	-9,90429329	0,005	0,289
CHR1	7498487	CHR1:7498487	SSF x Near_LoA	-9,21429522	0,038	0,296
CHR1	7498499	CHR1:7498499	SSF x Near_LoA	-9,66708811	0,059	0,303
CHR1	7498543	CHR1:7498543	SSF x Near_LoA	-8,99780209	-0,012	0,306
CHR1	749890	CHR1:749890	SSF x Near_LoA	-9,66105391	-0,017	0,312
CHR1	749994	CHR1:749994	SSF x Near_LoA	-11,5252853	0,059	0,310
CHR1	7502719	CHR1:7502719	SSF x Near_LoA	-8,67957617	0,024	0,299
CHR1	7507939	CHR1:7507939	SSF x Near_LoA	-7,82361315	0,094	0,303
CHR1	7508005	CHR1:7508005	SSF x Near_LoA	-8,15844626	-0,053	0,313
CHR1	7508007	CHR1:7508007	SSF x Near_LoA	-7,9798792	-0,103	0,321
CHR1	7508064	CHR1:7508064	SSF x Near_LoA	-8,91623314	0,097	0,313
CHR1	7508168	CHR1:7508168	SSF x Near_LoA	-8,9308219	0,082	0,303
CHR1	7510624	CHR1:7510624	SSF x Near_LoA	-4,7122361	0,151	0,302
CHR1	751655	CHR1:751655	SSF x Near_LoA	-3,28657661	0,221	0,305
CHR1	751947	CHR1:751947	SSF x Near_LoA	-8,07124799	0,155	0,301
CHR1	751952	CHR1:751952	SSF x Near_LoA	-9,11954187	-0,026	0,310

CHR1	751997	CHR1:751997	SSF x Near_LoA	-9,82946761	0,057	0,303
CHR1	7534958	CHR1:7534958	SSF x Near_LoA	-9,46656889	0,031	0,302
CHR1	7549492	CHR1:7549492	SSF x Near_LoA	-10,4276378	0,024	0,300
CHR1	7549504	CHR1:7549504	SSF x Near_LoA	-7,06725307	-0,112	0,317
CHR1	7549541	CHR1:7549541	SSF x Near_LoA	-7,8859788	0,031	0,318
CHR1	7549551	CHR1:7549551	SSF x Near_LoA	-8,83684218	0,054	0,310
CHR1	7549611	CHR1:7549611	SSF x Near_LoA	-10,5904752	-0,021	0,312
CHR1	7549694	CHR1:7549694	SSF x Near_LoA	-9,37268379	-0,002	0,313
CHR1	7553900	CHR1:7553900	SSF x Near_LoA	-10,5467949	0,099	0,305
CHR1	75563	CHR1:75563	SSF x Near_LoA	-9,17120985	-0,035	0,298
CHR1	7561798	CHR1:7561798	SSF x Near_LoA	-10,8338745	0,084	0,306
CHR1	7561800	CHR1:7561800	SSF x Near_LoA	-7,28523688	-0,028	0,317
CHR1	756240	CHR1:756240	SSF x Near_LoA	-10,1014065	0,087	0,301
CHR1	7565190	CHR1:7565190	SSF x Near_LoA	-10,83021	0,053	0,304
CHR1	7565197	CHR1:7565197	SSF x Near_LoA	-10,2713581	0,062	0,317
CHR1	7565366	CHR1:7565366	SSF x Near_LoA	-6,15965078	0,059	0,307
CHR1	7565384	CHR1:7565384	SSF x Near_LoA	-10,9131236	0,064	0,291
CHR1	7565389	CHR1:7565389	SSF x Near_LoA	-9,90035963	0,046	0,303
CHR1	7565412	CHR1:7565412	SSF x Near_LoA	-11,8822293	0,035	0,307
CHR1	7565421	CHR1:7565421	SSF x Near_LoA	-6,58804853	0,151	0,309
CHR1	7568926	CHR1:7568926	SSF x Near_LoA	-10,6343085	0,054	0,321
CHR1	7569094	CHR1:7569094	SSF x Near_LoA	-10,4322229	0,031	0,293
CHR1	7569120	CHR1:7569120	SSF x Near_LoA	-9,00446182	0,007	0,311
CHR1	7571201	CHR1:7571201	SSF x Near_LoA	-7,21055639	0,121	0,312
CHR1	7585962	CHR1:7585962	SSF x Near_LoA	0,19376044	0,070	0,309
CHR1	7585987	CHR1:7585987	SSF x Near_LoA	-7,09464424	-0,047	0,305
CHR1	7586030	CHR1:7586030	SSF x Near_LoA	-3,35794075	0,117	0,314
CHR1	7586045	CHR1:7586045	SSF x Near_LoA	-8,95829058	0,038	0,311
CHR1	7586144	CHR1:7586144	SSF x Near_LoA	-5,37819214	0,036	0,333
CHR1	760031	CHR1:760031	SSF x Near_LoA	-7,58411892	-0,054	0,314
CHR1	760041	CHR1:760041	SSF x Near_LoA	-8,60027421	0,020	0,308
CHR1	760096	CHR1:760096	SSF x Near_LoA	-8,62014394	-0,104	0,307
CHR1	7602015	CHR1:7602015	SSF x Near_LoA	-10,800801	0,048	0,314
CHR1	7603383	CHR1:7603383	SSF x Near_LoA	-8,88501276	-0,055	0,289
CHR1	7636811	CHR1:7636811	SSF x Near_LoA	-9,87834106	-0,090	0,292
CHR1	7638212	CHR1:7638212	SSF x Near_LoA	-10,4269398	-0,029	0,313
CHR1	7638574	CHR1:7638574	SSF x Near_LoA	-10,6038556	0,011	0,319
CHR1	764649	CHR1:764649	SSF x Near_LoA	-10,2712282	-0,027	0,312
CHR1	764654	CHR1:764654	SSF x Near_LoA	-7,88497658	0,074	0,309
CHR1	7647696	CHR1:7647696	SSF x Near_LoA	-8,89739203	0,016	0,320
CHR1	7647698	CHR1:7647698	SSF x Near_LoA	-9,30484558	0,045	0,309
CHR1	7647806	CHR1:7647806	SSF x Near_LoA	-7,66822035	0,089	0,314
CHR1	764824	CHR1:764824	SSF x Near_LoA	-9,83983595	0,011	0,310
CHR1	764841	CHR1:764841	SSF x Near_LoA	-11,3880552	-0,056	0,312
CHR1	764856	CHR1:764856	SSF x Near_LoA	-10,3195659	0,048	0,297
CHR1	7651322	CHR1:7651322	SSF x Near_LoA	-7,18721596	0,040	0,316
CHR1	7655417	CHR1:7655417	SSF x Near_LoA	-7,04414335	0,047	0,315
CHR1	7662786	CHR1:7662786	SSF x Near_LoA	-9,88950724	-0,047	0,319
CHR1	7666935	CHR1:7666935	SSF x Near_LoA	-10,3958505	-0,032	0,322
CHR1	7676963	CHR1:7676963	SSF x Near_LoA	-9,4420049	-0,035	0,306
CHR1	7677012	CHR1:7677012	SSF x Near_LoA	-8,98587203	0,106	0,286
CHR1	7677017	CHR1:7677017	SSF x Near_LoA	-9,515387	0,003	0,306
CHR1	7677052	CHR1:7677052	SSF x Near_LoA	-11,0962616	-0,030	0,305

CHR1	7677087	CHR1:7677087	SSF x Near_LoA	-7,99407973	-0,163	0,307
CHR1	7677125	CHR1:7677125	SSF x Near_LoA	-6,97471688	0,161	0,285
CHR1	7677169	CHR1:7677169	SSF x Near_LoA	-11,3209274	0,014	0,296
CHR1	7677186	CHR1:7677186	SSF x Near_LoA	-11,2311999	-0,007	0,312
CHR1	7681246	CHR1:7681246	SSF x Near_LoA	-11,538009	-0,060	0,309
CHR1	7681340	CHR1:7681340	SSF x Near_LoA	-8,86085614	0,117	0,319
CHR1	7683612	CHR1:7683612	SSF x Near_LoA	-10,1181358	0,042	0,322
CHR1	7685469	CHR1:7685469	SSF x Near_LoA	-9,10803444	-0,020	0,313
CHR1	7685480	CHR1:7685480	SSF x Near_LoA	-8,22819932	-0,052	0,305
CHR1	7685488	CHR1:7685488	SSF x Near_LoA	-8,98075087	-0,069	0,302
CHR1	7685510	CHR1:7685510	SSF x Near_LoA	-7,55607337	0,049	0,296
CHR1	7685514	CHR1:7685514	SSF x Near_LoA	-8,86473362	0,072	0,304
CHR1	7685567	CHR1:7685567	SSF x Near_LoA	-8,6840347	0,045	0,312
CHR1	7685643	CHR1:7685643	SSF x Near_LoA	-8,80126647	0,019	0,307
CHR1	7685647	CHR1:7685647	SSF x Near_LoA	-4,25986074	0,029	0,292
CHR1	7685648	CHR1:7685648	SSF x Near_LoA	-9,4035386	-0,032	0,309
CHR1	7685698	CHR1:7685698	SSF x Near_LoA	-6,19096664	-0,012	0,311
CHR1	7685720	CHR1:7685720	SSF x Near_LoA	-8,98599502	-0,016	0,306
CHR1	7687729	CHR1:7687729	SSF x Near_LoA	-5,66243852	0,061	0,311
CHR1	7687746	CHR1:7687746	SSF x Near_LoA	-10,3326964	-0,024	0,305
CHR1	7687772	CHR1:7687772	SSF x Near_LoA	-8,00622391	-0,077	0,303
CHR1	7697868	CHR1:7697868	SSF x Near_LoA	-6,53997399	-0,161	0,317
CHR1	7707553	CHR1:7707553	SSF x Near_LoA	-11,5446641	0,077	0,282
CHR1	7717640	CHR1:7717640	SSF x Near_LoA	-9,84191574	-0,029	0,308
CHR1	7717651	CHR1:7717651	SSF x Near_LoA	-9,78942521	0,030	0,303
CHR1	7717654	CHR1:7717654	SSF x Near_LoA	-9,61838137	-0,029	0,296
CHR1	7717727	CHR1:7717727	SSF x Near_LoA	-11,8899562	0,010	0,316
CHR1	7717737	CHR1:7717737	SSF x Near_LoA	-10,7980465	-0,011	0,316
CHR1	7717822	CHR1:7717822	SSF x Near_LoA	-10,2032123	0,069	0,296
CHR1	7717880	CHR1:7717880	SSF x Near_LoA	-9,37702386	0,000	0,312
CHR1	7724734	CHR1:7724734	SSF x Near_LoA	-9,62704808	0,032	0,297
CHR1	7729958	CHR1:7729958	SSF x Near_LoA	-7,50530319	-0,096	0,308
CHR1	7729977	CHR1:7729977	SSF x Near_LoA	-9,19935818	-0,121	0,308
CHR1	7729986	CHR1:7729986	SSF x Near_LoA	-8,245663	-0,140	0,296
CHR1	7730017	CHR1:7730017	SSF x Near_LoA	-7,28824297	-0,147	0,315
CHR1	7730051	CHR1:7730051	SSF x Near_LoA	-9,27834943	-0,098	0,308
CHR1	7730061	CHR1:7730061	SSF x Near_LoA	-7,39273152	0,082	0,314
CHR1	7739331	CHR1:7739331	SSF x Near_LoA	-1,28206404	-0,169	0,299
CHR1	7739393	CHR1:7739393	SSF x Near_LoA	-8,19441622	0,113	0,306
CHR1	7739465	CHR1:7739465	SSF x Near_LoA	-8,24621362	0,076	0,318
CHR1	7755429	CHR1:7755429	SSF x Near_LoA	-11,7460207	0,066	0,304
CHR1	7755521	CHR1:7755521	SSF x Near_LoA	-8,66822982	-0,006	0,302
CHR1	7762898	CHR1:7762898	SSF x Near_LoA	-7,46601069	0,067	0,313
CHR1	777768	CHR1:777768	SSF x Near_LoA	-2,80436381	0,218	0,281
CHR1	7783153	CHR1:7783153	SSF x Near_LoA	-7,684645	0,119	0,293
CHR1	7783717	CHR1:7783717	SSF x Near_LoA	-5,51752979	0,041	0,306
CHR1	7786117	CHR1:7786117	SSF x Near_LoA	-8,67922221	0,033	0,308
CHR1	7786118	CHR1:7786118	SSF x Near_LoA	-9,43684534	0,025	0,306
CHR1	7786193	CHR1:7786193	SSF x Near_LoA	-9,26113137	0,037	0,330
CHR1	7795907	CHR1:7795907	SSF x Near_LoA	-7,14236371	0,042	0,302
CHR1	7795918	CHR1:7795918	SSF x Near_LoA	-10,1320741	0,034	0,314
CHR1	7795969	CHR1:7795969	SSF x Near_LoA	-11,1725246	0,010	0,307
CHR1	7799636	CHR1:7799636	SSF x Near_LoA	-7,03439502	-0,045	0,299

CHR1	7799673	CHR1:7799673	SSF x Near_LoA	-9,0742466	-0,007	0,313
CHR1	7799708	CHR1:7799708	SSF x Near_LoA	-9,18437273	-0,001	0,300
CHR1	7801754	CHR1:7801754	SSF x Near_LoA	-11,447593	-0,008	0,317
CHR1	7801846	CHR1:7801846	SSF x Near_LoA	-9,24392308	0,014	0,313
CHR1	7801849	CHR1:7801849	SSF x Near_LoA	-11,5881933	-0,037	0,316
CHR1	7801905	CHR1:7801905	SSF x Near_LoA	-10,7492198	-0,028	0,301
CHR1	7801918	CHR1:7801918	SSF x Near_LoA	-10,6565044	0,027	0,301
CHR1	7801934	CHR1:7801934	SSF x Near_LoA	-7,84495824	-0,100	0,310
CHR1	7801941	CHR1:7801941	SSF x Near_LoA	-6,5469707	0,185	0,293
CHR1	7815288	CHR1:7815288	SSF x Near_LoA	-8,78470149	0,085	0,308
CHR1	7815350	CHR1:7815350	SSF x Near_LoA	-10,4542454	-0,033	0,305
CHR1	7815361	CHR1:7815361	SSF x Near_LoA	-9,5650318	0,134	0,281
CHR1	7815459	CHR1:7815459	SSF x Near_LoA	-5,97174712	0,105	0,293
CHR1	7815472	CHR1:7815472	SSF x Near_LoA	-8,48012428	0,135	0,301
CHR1	7815475	CHR1:7815475	SSF x Near_LoA	-11,3971593	0,011	0,306
CHR1	7815500	CHR1:7815500	SSF x Near_LoA	-8,84305401	-0,003	0,301
CHR1	7815534	CHR1:7815534	SSF x Near_LoA	-11,1793505	-0,009	0,317
CHR1	7815549	CHR1:7815549	SSF x Near_LoA	-9,80288628	0,027	0,318
CHR1	7815552	CHR1:7815552	SSF x Near_LoA	-8,75614276	-0,010	0,310
CHR1	7818802	CHR1:7818802	SSF x Near_LoA	-10,0384134	0,028	0,304
CHR1	7818806	CHR1:7818806	SSF x Near_LoA	-8,88175462	0,074	0,302
CHR1	7818840	CHR1:7818840	SSF x Near_LoA	-7,57585816	0,080	0,312
CHR1	7819023	CHR1:7819023	SSF x Near_LoA	-10,4697563	0,069	0,316
CHR1	7822959	CHR1:7822959	SSF x Near_LoA	-10,9603182	-0,003	0,307
CHR1	7822965	CHR1:7822965	SSF x Near_LoA	-10,1113414	0,048	0,312
CHR1	782785	CHR1:782785	SSF x Near_LoA	-11,9573876	0,056	0,304
CHR1	782788	CHR1:782788	SSF x Near_LoA	-10,5223602	0,062	0,313
CHR1	782795	CHR1:782795	SSF x Near_LoA	-11,9159147	0,087	0,306
CHR1	782803	CHR1:782803	SSF x Near_LoA	-12,1127848	0,087	0,296
CHR1	782806	CHR1:782806	SSF x Near_LoA	-11,3776583	0,079	0,311
CHR1	7832534	CHR1:7832534	SSF x Near_LoA	-9,3713102	-0,030	0,305
CHR1	7846310	CHR1:7846310	SSF x Near_LoA	-10,0695699	0,001	0,316
CHR1	7846315	CHR1:7846315	SSF x Near_LoA	-11,2118513	0,019	0,306
CHR1	7856451	CHR1:7856451	SSF x Near_LoA	-10,1835244	-0,028	0,301
CHR1	7857824	CHR1:7857824	SSF x Near_LoA	-10,1754811	-0,022	0,299
CHR1	7863783	CHR1:7863783	SSF x Near_LoA	-8,18668929	0,053	0,310
CHR1	7863799	CHR1:7863799	SSF x Near_LoA	-10,2544659	0,033	0,304
CHR1	7863885	CHR1:7863885	SSF x Near_LoA	-8,87332931	-0,017	0,318
CHR1	7863913	CHR1:7863913	SSF x Near_LoA	-10,3147784	0,017	0,307
CHR1	7866277	CHR1:7866277	SSF x Near_LoA	-10,6996678	-0,035	0,304
CHR1	7866308	CHR1:7866308	SSF x Near_LoA	-9,64872853	-0,015	0,293
CHR1	7866341	CHR1:7866341	SSF x Near_LoA	-8,87639696	-0,028	0,319
CHR1	7884925	CHR1:7884925	SSF x Near_LoA	-8,59241501	-0,075	0,302
CHR1	7885025	CHR1:7885025	SSF x Near_LoA	-9,92360803	-0,127	0,297
CHR1	7885055	CHR1:7885055	SSF x Near_LoA	-9,52660643	0,038	0,298
CHR1	7885078	CHR1:7885078	SSF x Near_LoA	-9,24028315	0,071	0,296
CHR1	7885084	CHR1:7885084	SSF x Near_LoA	-9,4833169	-0,096	0,310
CHR1	7890007	CHR1:7890007	SSF x Near_LoA	-11,0960408	0,009	0,306
CHR1	7890055	CHR1:7890055	SSF x Near_LoA	-11,3026582	-0,001	0,301
CHR1	7892690	CHR1:7892690	SSF x Near_LoA	-9,24680174	0,032	0,306
CHR1	7892748	CHR1:7892748	SSF x Near_LoA	-8,66428878	0,046	0,305
CHR1	7893640	CHR1:7893640	SSF x Near_LoA	-9,78039431	0,055	0,319
CHR1	7893648	CHR1:7893648	SSF x Near_LoA	-8,71599423	0,031	0,312

CHR1	7906311	CHR1:7906311	SSF x Near_LoA	-11,1598105	0,009	0,304
CHR1	7931525	CHR1:7931525	SSF x Near_LoA	-10,1529906	-0,140	0,296
CHR1	7931566	CHR1:7931566	SSF x Near_LoA	-6,28831234	0,150	0,311
CHR1	7931653	CHR1:7931653	SSF x Near_LoA	-6,89317397	0,150	0,302
CHR1	7931691	CHR1:7931691	SSF x Near_LoA	-6,76626276	-0,082	0,312
CHR1	7931808	CHR1:7931808	SSF x Near_LoA	-10,2898783	0,113	0,308
CHR1	7931850	CHR1:7931850	SSF x Near_LoA	-4,38968	0,139	0,295
CHR1	7937428	CHR1:7937428	SSF x Near_LoA	-8,78752409	-0,059	0,290
CHR1	7937479	CHR1:7937479	SSF x Near_LoA	-8,42502361	-0,026	0,301
CHR1	7945356	CHR1:7945356	SSF x Near_LoA	-8,86288096	0,019	0,303
CHR1	7945391	CHR1:7945391	SSF x Near_LoA	-11,8301991	0,062	0,295
CHR1	7945403	CHR1:7945403	SSF x Near_LoA	-11,3791107	0,050	0,308
CHR1	7945405	CHR1:7945405	SSF x Near_LoA	-10,4843134	0,065	0,310
CHR1	7970565	CHR1:7970565	SSF x Near_LoA	-9,09561475	-0,008	0,314
CHR1	7970745	CHR1:7970745	SSF x Near_LoA	-11,4339168	-0,027	0,298
CHR1	7986867	CHR1:7986867	SSF x Near_LoA	-9,2293281	0,016	0,299
CHR1	7997679	CHR1:7997679	SSF x Near_LoA	-9,61680096	-0,109	0,304
CHR1	7997784	CHR1:7997784	SSF x Near_LoA	-11,7147754	-0,057	0,310
CHR1	8002001	CHR1:8002001	SSF x Near_LoA	-5,14139001	0,041	0,318
CHR1	8002146	CHR1:8002146	SSF x Near_LoA	-9,37682331	0,006	0,309
CHR1	8002230	CHR1:8002230	SSF x Near_LoA	-10,4334643	0,030	0,302
CHR1	8005493	CHR1:8005493	SSF x Near_LoA	-7,56408149	0,100	0,318
CHR1	8005706	CHR1:8005706	SSF x Near_LoA	-8,12490587	-0,015	0,315
CHR1	8005712	CHR1:8005712	SSF x Near_LoA	-6,84747901	0,084	0,307
CHR1	8005718	CHR1:8005718	SSF x Near_LoA	-9,93179069	-0,007	0,317
CHR1	8005742	CHR1:8005742	SSF x Near_LoA	-8,27794361	-0,130	0,302
CHR1	8023616	CHR1:8023616	SSF x Near_LoA	-9,84299093	-0,053	0,311
CHR1	8033779	CHR1:8033779	SSF x Near_LoA	-10,74313	0,040	0,287
CHR1	8034831	CHR1:8034831	SSF x Near_LoA	-8,85239108	0,058	0,324
CHR1	8034954	CHR1:8034954	SSF x Near_LoA	-9,23543941	0,164	0,308
CHR1	8058114	CHR1:8058114	SSF x Near_LoA	-9,90287519	0,083	0,303
CHR1	8058160	CHR1:8058160	SSF x Near_LoA	-8,52115426	-0,022	0,313
CHR1	8058171	CHR1:8058171	SSF x Near_LoA	-10,7816522	0,036	0,297
CHR1	8058180	CHR1:8058180	SSF x Near_LoA	-8,46002659	-0,014	0,324
CHR1	8066012	CHR1:8066012	SSF x Near_LoA	-10,1376456	0,003	0,314
CHR1	8066077	CHR1:8066077	SSF x Near_LoA	-8,70485082	-0,005	0,316
CHR1	8066106	CHR1:8066106	SSF x Near_LoA	-8,60606571	0,206	0,302
CHR1	8072780	CHR1:8072780	SSF x Near_LoA	-9,46946607	-0,024	0,300
CHR1	8076776	CHR1:8076776	SSF x Near_LoA	-9,05500988	-0,112	0,301
CHR1	8076825	CHR1:8076825	SSF x Near_LoA	-9,4954211	0,017	0,315
CHR1	8076837	CHR1:8076837	SSF x Near_LoA	-8,92871189	0,002	0,316
CHR1	8076914	CHR1:8076914	SSF x Near_LoA	-11,0570262	0,065	0,318
CHR1	8076965	CHR1:8076965	SSF x Near_LoA	-7,30948724	0,055	0,310
CHR1	8079899	CHR1:8079899	SSF x Near_LoA	-8,56170733	0,178	0,292
CHR1	8079969	CHR1:8079969	SSF x Near_LoA	-8,55789912	-0,122	0,313
CHR1	8082411	CHR1:8082411	SSF x Near_LoA	-10,0176383	0,029	0,298
CHR1	8082463	CHR1:8082463	SSF x Near_LoA	-9,93778585	0,032	0,302
CHR1	8082474	CHR1:8082474	SSF x Near_LoA	-10,9238618	0,024	0,290
CHR1	8082491	CHR1:8082491	SSF x Near_LoA	-9,84926306	0,047	0,304
CHR1	8082501	CHR1:8082501	SSF x Near_LoA	-9,89761938	0,042	0,303
CHR1	8086093	CHR1:8086093	SSF x Near_LoA	-10,6284177	-0,005	0,314
CHR1	8096641	CHR1:8096641	SSF x Near_LoA	-11,1584442	-0,004	0,311
CHR1	8102355	CHR1:8102355	SSF x Near_LoA	-1,67453573	0,079	0,310

CHR1	8102366	CHR1:8102366	SSF x Near_LoA	-4,77403537	-0,006	0,312
CHR1	8108546	CHR1:8108546	SSF x Near_LoA	-1,54663635	-0,140	0,302
CHR1	811935	CHR1:811935	SSF x Near_LoA	-6,58857246	-0,040	0,316
CHR1	812121	CHR1:812121	SSF x Near_LoA	-10,8547698	0,036	0,304
CHR1	8138296	CHR1:8138296	SSF x Near_LoA	-9,8888297	0,032	0,305
CHR1	8138364	CHR1:8138364	SSF x Near_LoA	-10,5026953	0,017	0,304
CHR1	8138483	CHR1:8138483	SSF x Near_LoA	-7,89844688	0,015	0,318
CHR1	8186058	CHR1:8186058	SSF x Near_LoA	-10,7689507	-0,066	0,300
CHR1	8186059	CHR1:8186059	SSF x Near_LoA	-10,2891504	-0,081	0,315
CHR1	8186155	CHR1:8186155	SSF x Near_LoA	-2,54902416	-0,158	0,312
CHR1	8218753	CHR1:8218753	SSF x Near_LoA	-6,70343099	-0,209	0,304
CHR1	8227565	CHR1:8227565	SSF x Near_LoA	-10,1998625	0,060	0,312
CHR1	8227575	CHR1:8227575	SSF x Near_LoA	-7,35932032	0,137	0,298
CHR1	8234226	CHR1:8234226	SSF x Near_LoA	-9,02376057	0,048	0,301
CHR1	8234263	CHR1:8234263	SSF x Near_LoA	-9,14375962	0,053	0,303
CHR1	8234327	CHR1:8234327	SSF x Near_LoA	-9,598309	0,038	0,294
CHR1	8234464	CHR1:8234464	SSF x Near_LoA	-7,30132304	0,059	0,313
CHR1	8234494	CHR1:8234494	SSF x Near_LoA	-8,1038378	-0,106	0,300
CHR1	8234559	CHR1:8234559	SSF x Near_LoA	-10,2600152	-0,060	0,307
CHR1	8240540	CHR1:8240540	SSF x Near_LoA	-9,4904219	-0,022	0,299
CHR1	8243040	CHR1:8243040	SSF x Near_LoA	-9,70320912	-0,098	0,305
CHR1	8243097	CHR1:8243097	SSF x Near_LoA	-9,42677717	-0,144	0,305
CHR1	8248016	CHR1:8248016	SSF x Near_LoA	-6,28533815	-0,030	0,308
CHR1	8250872	CHR1:8250872	SSF x Near_LoA	-9,17651849	0,127	0,303
CHR1	8250876	CHR1:8250876	SSF x Near_LoA	-1,51668021	0,145	0,300
CHR1	8250958	CHR1:8250958	SSF x Near_LoA	-8,52699075	0,134	0,299
CHR1	8250964	CHR1:8250964	SSF x Near_LoA	-7,5286706	0,047	0,312
CHR1	8250980	CHR1:8250980	SSF x Near_LoA	-5,2822513	0,044	0,316
CHR1	8250996	CHR1:8250996	SSF x Near_LoA	-6,12703128	0,015	0,305
CHR1	8251690	CHR1:8251690	SSF x Near_LoA	-9,82386972	-0,043	0,316
CHR1	8251723	CHR1:8251723	SSF x Near_LoA	-10,0043056	0,117	0,292
CHR1	8251741	CHR1:8251741	SSF x Near_LoA	-7,44820293	-0,013	0,311
CHR1	8261109	CHR1:8261109	SSF x Near_LoA	-8,83344026	-0,030	0,310
CHR1	8261127	CHR1:8261127	SSF x Near_LoA	-10,8947695	0,065	0,310
CHR1	8261130	CHR1:8261130	SSF x Near_LoA	-9,03239648	0,062	0,316
CHR1	8261133	CHR1:8261133	SSF x Near_LoA	-9,41910868	0,067	0,314
CHR1	8266078	CHR1:8266078	SSF x Near_LoA	-8,25240331	0,088	0,310
CHR1	8266080	CHR1:8266080	SSF x Near_LoA	-8,06052176	0,084	0,304
CHR1	8266146	CHR1:8266146	SSF x Near_LoA	0,96805411	0,026	0,308
CHR1	8267861	CHR1:8267861	SSF x Near_LoA	-11,4598697	0,028	0,306
CHR1	8270769	CHR1:8270769	SSF x Near_LoA	-10,3822994	-0,115	0,294
CHR1	8270784	CHR1:8270784	SSF x Near_LoA	-10,308292	-0,115	0,297
CHR1	8273567	CHR1:8273567	SSF x Near_LoA	-6,13667402	0,153	0,294
CHR1	8273608	CHR1:8273608	SSF x Near_LoA	-8,85062326	0,018	0,316
CHR1	8273715	CHR1:8273715	SSF x Near_LoA	-9,23480281	0,079	0,306
CHR1	8273772	CHR1:8273772	SSF x Near_LoA	-5,17829001	-0,136	0,306
CHR1	8274827	CHR1:8274827	SSF x Near_LoA	-11,1600036	0,091	0,301
CHR1	8274832	CHR1:8274832	SSF x Near_LoA	-3,72345322	0,040	0,317
CHR1	8274837	CHR1:8274837	SSF x Near_LoA	-10,2701577	0,087	0,315
CHR1	8274870	CHR1:8274870	SSF x Near_LoA	-8,93271098	0,036	0,304
CHR1	828843	CHR1:828843	SSF x Near_LoA	-10,7182127	0,149	0,296
CHR1	8297858	CHR1:8297858	SSF x Near_LoA	-10,1640509	0,077	0,317
CHR1	8298777	CHR1:8298777	SSF x Near_LoA	-9,41289361	-0,018	0,318

CHR1	8304422	CHR1:8304422	SSF x Near_LoA	-10,1368643	-0,001	0,295
CHR1	8306772	CHR1:8306772	SSF x Near_LoA	-9,83369237	-0,023	0,307
CHR1	8306889	CHR1:8306889	SSF x Near_LoA	-10,5602972	-0,034	0,285
CHR1	830744	CHR1:830744	SSF x Near_LoA	-9,31361327	-0,079	0,315
CHR1	8310908	CHR1:8310908	SSF x Near_LoA	-7,14459307	-0,068	0,310
CHR1	831550	CHR1:831550	SSF x Near_LoA	-9,40904	-0,022	0,310
CHR1	831555	CHR1:831555	SSF x Near_LoA	-3,71493173	0,135	0,306
CHR1	8321957	CHR1:8321957	SSF x Near_LoA	-10,7498074	-0,058	0,305
CHR1	8324660	CHR1:8324660	SSF x Near_LoA	-10,3708699	-0,034	0,318
CHR1	8338357	CHR1:8338357	SSF x Near_LoA	-9,72337602	0,045	0,306
CHR1	8338448	CHR1:8338448	SSF x Near_LoA	-10,4321026	-0,006	0,318
CHR1	8342740	CHR1:8342740	SSF x Near_LoA	-9,24604283	-0,063	0,306
CHR1	8347301	CHR1:8347301	SSF x Near_LoA	-11,4923469	0,039	0,301
CHR1	8351342	CHR1:8351342	SSF x Near_LoA	-10,3487653	-0,068	0,316
CHR1	8351475	CHR1:8351475	SSF x Near_LoA	-12,44798	0,011	0,291
CHR1	8355975	CHR1:8355975	SSF x Near_LoA	-6,67353859	-0,123	0,299
CHR1	8374263	CHR1:8374263	SSF x Near_LoA	-9,36644655	-0,159	0,300
CHR1	8374365	CHR1:8374365	SSF x Near_LoA	-9,21515095	-0,126	0,310
CHR1	838825	CHR1:838825	SSF x Near_LoA	-10,0996958	0,043	0,307
CHR1	839014	CHR1:839014	SSF x Near_LoA	-9,36677578	0,089	0,298
CHR1	8405950	CHR1:8405950	SSF x Near_LoA	-7,66856095	-0,090	0,308
CHR1	8405952	CHR1:8405952	SSF x Near_LoA	-11,5798571	-0,009	0,310
CHR1	8405960	CHR1:8405960	SSF x Near_LoA	-9,05154825	0,027	0,331
CHR1	8405964	CHR1:8405964	SSF x Near_LoA	-10,575052	-0,049	0,297
CHR1	8406049	CHR1:8406049	SSF x Near_LoA	-8,82002257	-0,094	0,299
CHR1	841072	CHR1:841072	SSF x Near_LoA	-6,16057658	-0,028	0,286
CHR1	841093	CHR1:841093	SSF x Near_LoA	-10,0386935	-0,081	0,295
CHR1	841148	CHR1:841148	SSF x Near_LoA	-10,2179049	-0,075	0,293
CHR1	8414152	CHR1:8414152	SSF x Near_LoA	-7,77193207	-0,119	0,312
CHR1	8414197	CHR1:8414197	SSF x Near_LoA	-5,59374165	0,168	0,303
CHR1	8414297	CHR1:8414297	SSF x Near_LoA	-8,39483182	0,057	0,315
CHR1	8423794	CHR1:8423794	SSF x Near_LoA	-9,61651072	-0,054	0,304
CHR1	8423915	CHR1:8423915	SSF x Near_LoA	-5,24101785	-0,078	0,309
CHR1	8423928	CHR1:8423928	SSF x Near_LoA	-8,4477597	-0,107	0,308
CHR1	8425585	CHR1:8425585	SSF x Near_LoA	-1,62022442	0,078	0,313
CHR1	8425671	CHR1:8425671	SSF x Near_LoA	-8,1650391	0,055	0,320
CHR1	843582	CHR1:843582	SSF x Near_LoA	-9,16079634	-0,072	0,311
CHR1	843583	CHR1:843583	SSF x Near_LoA	-8,27187251	0,104	0,290
CHR1	8436235	CHR1:8436235	SSF x Near_LoA	-7,27016421	-0,208	0,301
CHR1	8436240	CHR1:8436240	SSF x Near_LoA	-10,0790342	-0,092	0,302
CHR1	8436327	CHR1:8436327	SSF x Near_LoA	1,25141283	-0,111	0,301
CHR1	8436356	CHR1:8436356	SSF x Near_LoA	-6,7262466	-0,019	0,316
CHR1	8436365	CHR1:8436365	SSF x Near_LoA	-9,35825921	-0,030	0,295
CHR1	8436374	CHR1:8436374	SSF x Near_LoA	-9,01095694	-0,038	0,306
CHR1	8446171	CHR1:8446171	SSF x Near_LoA	-12,0675507	-0,077	0,299
CHR1	8446172	CHR1:8446172	SSF x Near_LoA	-12,040839	-0,044	0,302
CHR1	8446173	CHR1:8446173	SSF x Near_LoA	-8,09150064	0,108	0,297
CHR1	8446174	CHR1:8446174	SSF x Near_LoA	-8,38709211	0,109	0,307
CHR1	8446175	CHR1:8446175	SSF x Near_LoA	-7,77313177	0,133	0,312
CHR1	8446176	CHR1:8446176	SSF x Near_LoA	-8,52685396	0,102	0,315
CHR1	8457590	CHR1:8457590	SSF x Near_LoA	-10,6675257	0,046	0,313
CHR1	8457648	CHR1:8457648	SSF x Near_LoA	-9,56255141	0,089	0,308
CHR1	8457677	CHR1:8457677	SSF x Near_LoA	-8,33430549	-0,149	0,294

CHR1	8457690	CHR1:8457690	SSF x Near_LoA	-7,55268642	-0,092	0,306
CHR1	8457709	CHR1:8457709	SSF x Near_LoA	-10,6581202	-0,103	0,309
CHR1	8457741	CHR1:8457741	SSF x Near_LoA	-11,4665927	-0,073	0,306
CHR1	8457746	CHR1:8457746	SSF x Near_LoA	-7,95175432	0,016	0,313
CHR1	8470026	CHR1:8470026	SSF x Near_LoA	-6,11043405	-0,070	0,320
CHR1	8478566	CHR1:8478566	SSF x Near_LoA	-6,34856862	0,031	0,311
CHR1	8478638	CHR1:8478638	SSF x Near_LoA	-11,2018615	0,038	0,308
CHR1	8478693	CHR1:8478693	SSF x Near_LoA	-11,4010705	-0,055	0,296
CHR1	8478759	CHR1:8478759	SSF x Near_LoA	-7,74297572	0,075	0,317
CHR1	8478843	CHR1:8478843	SSF x Near_LoA	-9,46092145	-0,033	0,306
CHR1	8480934	CHR1:8480934	SSF x Near_LoA	-8,42231342	0,032	0,309
CHR1	8481032	CHR1:8481032	SSF x Near_LoA	-10,2058026	-0,104	0,300
CHR1	8481045	CHR1:8481045	SSF x Near_LoA	-6,4044521	0,087	0,292
CHR1	8481075	CHR1:8481075	SSF x Near_LoA	-8,4750728	-0,142	0,316
CHR1	8481079	CHR1:8481079	SSF x Near_LoA	-10,8002957	0,024	0,306
CHR1	8481128	CHR1:8481128	SSF x Near_LoA	-9,20737433	0,125	0,291
CHR1	8482300	CHR1:8482300	SSF x Near_LoA	-6,78569958	0,026	0,310
CHR1	8496836	CHR1:8496836	SSF x Near_LoA	-8,81368255	0,014	0,305
CHR1	8498579	CHR1:8498579	SSF x Near_LoA	-9,57047616	0,034	0,312
CHR1	8506841	CHR1:8506841	SSF x Near_LoA	-10,1374247	0,038	0,312
CHR1	8506886	CHR1:8506886	SSF x Near_LoA	-9,18330974	0,004	0,317
CHR1	8506904	CHR1:8506904	SSF x Near_LoA	-9,22023336	-0,017	0,311
CHR1	8506919	CHR1:8506919	SSF x Near_LoA	-5,10150307	0,056	0,313
CHR1	851151	CHR1:851151	SSF x Near_LoA	-12,2982872	0,008	0,286
CHR1	8512053	CHR1:8512053	SSF x Near_LoA	-9,31052587	-0,051	0,312
CHR1	851251	CHR1:851251	SSF x Near_LoA	-10,2868998	-0,052	0,306
CHR1	851286	CHR1:851286	SSF x Near_LoA	-2,17853644	-0,146	0,309
CHR1	851328	CHR1:851328	SSF x Near_LoA	-10,8558492	-0,090	0,304
CHR1	851450	CHR1:851450	SSF x Near_LoA	-9,17405975	0,113	0,311
CHR1	8514801	CHR1:8514801	SSF x Near_LoA	-7,67375525	0,128	0,310
CHR1	8514808	CHR1:8514808	SSF x Near_LoA	-7,98864407	0,100	0,302
CHR1	8514824	CHR1:8514824	SSF x Near_LoA	-7,30924207	0,117	0,302
CHR1	851489	CHR1:851489	SSF x Near_LoA	-5,13772526	0,097	0,312
CHR1	8519693	CHR1:8519693	SSF x Near_LoA	-8,84998337	0,078	0,305
CHR1	8519694	CHR1:8519694	SSF x Near_LoA	-9,58300084	0,078	0,301
CHR1	8519695	CHR1:8519695	SSF x Near_LoA	-9,37053689	0,100	0,307
CHR1	8519776	CHR1:8519776	SSF x Near_LoA	-11,6664138	0,049	0,296
CHR1	8525889	CHR1:8525889	SSF x Near_LoA	-8,23674926	0,001	0,320
CHR1	8533298	CHR1:8533298	SSF x Near_LoA	-10,2593362	0,014	0,308
CHR1	8533374	CHR1:8533374	SSF x Near_LoA	-11,7799855	-0,064	0,305
CHR1	8544340	CHR1:8544340	SSF x Near_LoA	-7,39750188	-0,035	0,312
CHR1	8545066	CHR1:8545066	SSF x Near_LoA	-7,95368703	-0,052	0,317
CHR1	8545074	CHR1:8545074	SSF x Near_LoA	-10,2554599	0,108	0,309
CHR1	8545094	CHR1:8545094	SSF x Near_LoA	-8,5498259	-0,063	0,294
CHR1	8545128	CHR1:8545128	SSF x Near_LoA	-11,1532507	0,098	0,307
CHR1	8545147	CHR1:8545147	SSF x Near_LoA	-9,14675818	0,009	0,304
CHR1	8545176	CHR1:8545176	SSF x Near_LoA	-11,2927279	0,040	0,306
CHR1	8546117	CHR1:8546117	SSF x Near_LoA	-9,74419317	0,036	0,309
CHR1	8552374	CHR1:8552374	SSF x Near_LoA	-10,2848964	0,028	0,311
CHR1	8552441	CHR1:8552441	SSF x Near_LoA	-10,0642396	0,054	0,303
CHR1	8552468	CHR1:8552468	SSF x Near_LoA	-10,2028684	0,037	0,312
CHR1	8557875	CHR1:8557875	SSF x Near_LoA	-11,0022334	-0,070	0,300
CHR1	8557887	CHR1:8557887	SSF x Near_LoA	-11,2108853	0,081	0,304

CHR1	8557892	CHR1:8557892	SSF x Near_LoA	-5,46263058	-0,066	0,299
CHR1	8557910	CHR1:8557910	SSF x Near_LoA	-8,56963035	0,055	0,300
CHR1	8557983	CHR1:8557983	SSF x Near_LoA	-10,7448248	-0,058	0,316
CHR1	8562856	CHR1:8562856	SSF x Near_LoA	-1,24015253	-0,165	0,291
CHR1	8562892	CHR1:8562892	SSF x Near_LoA	-9,35932335	0,094	0,308
CHR1	8562910	CHR1:8562910	SSF x Near_LoA	-9,59922704	-0,056	0,321
CHR1	8562930	CHR1:8562930	SSF x Near_LoA	-9,19397127	0,089	0,303
CHR1	8562942	CHR1:8562942	SSF x Near_LoA	-7,71011953	0,100	0,306
CHR1	8562984	CHR1:8562984	SSF x Near_LoA	-8,9145191	-0,020	0,300
CHR1	8562985	CHR1:8562985	SSF x Near_LoA	-11,4429383	0,072	0,299
CHR1	8563004	CHR1:8563004	SSF x Near_LoA	-8,98204054	-0,018	0,317
CHR1	8563017	CHR1:8563017	SSF x Near_LoA	-8,13464155	-0,046	0,310
CHR1	8563018	CHR1:8563018	SSF x Near_LoA	-7,85849192	-0,033	0,318
CHR1	8563069	CHR1:8563069	SSF x Near_LoA	-7,92066115	-0,118	0,309
CHR1	8574364	CHR1:8574364	SSF x Near_LoA	-9,80123657	0,013	0,309
CHR1	8580027	CHR1:8580027	SSF x Near_LoA	-10,4404424	0,020	0,306
CHR1	8584246	CHR1:8584246	SSF x Near_LoA	-9,59044988	-0,075	0,310
CHR1	8598213	CHR1:8598213	SSF x Near_LoA	-8,06233944	0,098	0,316
CHR1	8600451	CHR1:8600451	SSF x Near_LoA	-6,67425998	-0,095	0,309
CHR1	8605599	CHR1:8605599	SSF x Near_LoA	-10,1008084	0,057	0,307
CHR1	8605600	CHR1:8605600	SSF x Near_LoA	-9,33065598	-0,062	0,309
CHR1	8605622	CHR1:8605622	SSF x Near_LoA	-10,2186608	0,044	0,292
CHR1	8605653	CHR1:8605653	SSF x Near_LoA	-10,1198512	-0,038	0,305
CHR1	8617484	CHR1:8617484	SSF x Near_LoA	-8,98356796	0,039	0,312
CHR1	8617771	CHR1:8617771	SSF x Near_LoA	-9,29753178	-0,009	0,318
CHR1	8630059	CHR1:8630059	SSF x Near_LoA	-4,03459777	0,123	0,302
CHR1	8630108	CHR1:8630108	SSF x Near_LoA	-9,61519356	-0,038	0,314
CHR1	8630151	CHR1:8630151	SSF x Near_LoA	-5,25459509	0,215	0,288
CHR1	8630160	CHR1:8630160	SSF x Near_LoA	-9,11578814	0,091	0,312
CHR1	8630235	CHR1:8630235	SSF x Near_LoA	-1,31999394	0,209	0,305
CHR1	8634924	CHR1:8634924	SSF x Near_LoA	-10,9285062	0,029	0,305
CHR1	8634955	CHR1:8634955	SSF x Near_LoA	-5,60414015	-0,121	0,293
CHR1	8634977	CHR1:8634977	SSF x Near_LoA	-7,69254259	-0,137	0,310
CHR1	8650986	CHR1:8650986	SSF x Near_LoA	-9,72419901	-0,024	0,303
CHR1	8657499	CHR1:8657499	SSF x Near_LoA	-10,0114219	0,086	0,297
CHR1	8657522	CHR1:8657522	SSF x Near_LoA	-8,8299925	0,122	0,309
CHR1	8657551	CHR1:8657551	SSF x Near_LoA	-8,33806207	0,087	0,316
CHR1	8657697	CHR1:8657697	SSF x Near_LoA	-8,42918019	-0,075	0,323
CHR1	8660164	CHR1:8660164	SSF x Near_LoA	-9,2457203	0,025	0,304
CHR1	8660210	CHR1:8660210	SSF x Near_LoA	-11,0626285	-0,026	0,308
CHR1	8660225	CHR1:8660225	SSF x Near_LoA	-8,49650465	0,050	0,305
CHR1	8660269	CHR1:8660269	SSF x Near_LoA	-9,0947366	0,057	0,293
CHR1	866156	CHR1:866156	SSF x Near_LoA	-8,5022975	-0,004	0,308
CHR1	8661751	CHR1:8661751	SSF x Near_LoA	-1,00506052	-0,122	0,311
CHR1	8661848	CHR1:8661848	SSF x Near_LoA	-11,1676575	-0,018	0,327
CHR1	8661880	CHR1:8661880	SSF x Near_LoA	-11,3244582	-0,044	0,306
CHR1	8661941	CHR1:8661941	SSF x Near_LoA	-9,03042028	0,062	0,309
CHR1	8661970	CHR1:8661970	SSF x Near_LoA	-9,71490225	0,057	0,289
CHR1	866232	CHR1:866232	SSF x Near_LoA	-7,1500379	0,089	0,308
CHR1	8663511	CHR1:8663511	SSF x Near_LoA	-9,98203343	0,053	0,312
CHR1	8663534	CHR1:8663534	SSF x Near_LoA	-11,0955128	0,006	0,313
CHR1	8663575	CHR1:8663575	SSF x Near_LoA	-9,43509473	0,017	0,307
CHR1	866359	CHR1:866359	SSF x Near_LoA	-9,44818993	0,074	0,301

CHR1	8663595	CHR1:8663595	SSF x Near_LoA	-9,26880944	0,005	0,305
CHR1	8663653	CHR1:8663653	SSF x Near_LoA	-10,9578846	-0,098	0,308
CHR1	8663673	CHR1:8663673	SSF x Near_LoA	19,6389826	0,162	0,301
CHR1	8663683	CHR1:8663683	SSF x Near_LoA	-8,90723482	0,164	0,302
CHR1	8663686	CHR1:8663686	SSF x Near_LoA	-11,3586505	0,017	0,313
CHR1	8663708	CHR1:8663708	SSF x Near_LoA	-9,84477646	0,159	0,296
CHR1	8663749	CHR1:8663749	SSF x Near_LoA	-8,78722175	0,153	0,298
CHR1	8685679	CHR1:8685679	SSF x Near_LoA	-11,3954454	0,007	0,296
CHR1	8689110	CHR1:8689110	SSF x Near_LoA	-6,31911937	-0,105	0,315
CHR1	8689152	CHR1:8689152	SSF x Near_LoA	-8,63264452	-0,051	0,315
CHR1	8689225	CHR1:8689225	SSF x Near_LoA	-9,93605499	0,036	0,299
CHR1	8696291	CHR1:8696291	SSF x Near_LoA	-9,1532797	-0,064	0,314
CHR1	8696292	CHR1:8696292	SSF x Near_LoA	-8,88289439	-0,135	0,302
CHR1	869754	CHR1:869754	SSF x Near_LoA	-7,70817153	-0,094	0,320
CHR1	870802	CHR1:870802	SSF x Near_LoA	-8,34454798	0,071	0,314
CHR1	8715759	CHR1:8715759	SSF x Near_LoA	-8,90524315	-0,049	0,295
CHR1	8715763	CHR1:8715763	SSF x Near_LoA	-8,3686535	0,054	0,312
CHR1	8715826	CHR1:8715826	SSF x Near_LoA	-11,6942981	0,035	0,307
CHR1	8715910	CHR1:8715910	SSF x Near_LoA	-10,5843312	-0,010	0,297
CHR1	8727726	CHR1:8727726	SSF x Near_LoA	-9,76956765	-0,021	0,309
CHR1	8727747	CHR1:8727747	SSF x Near_LoA	-8,30846341	-0,074	0,298
CHR1	8727810	CHR1:8727810	SSF x Near_LoA	-7,51259196	0,145	0,287
CHR1	8727900	CHR1:8727900	SSF x Near_LoA	-2,95741959	0,085	0,299
CHR1	8727904	CHR1:8727904	SSF x Near_LoA	-8,82344104	0,043	0,290
CHR1	8727911	CHR1:8727911	SSF x Near_LoA	-9,68823917	0,026	0,297
CHR1	8731336	CHR1:8731336	SSF x Near_LoA	-9,92674019	0,056	0,306
CHR1	8731372	CHR1:8731372	SSF x Near_LoA	-10,4411393	0,089	0,300
CHR1	8731493	CHR1:8731493	SSF x Near_LoA	-8,84151484	-0,009	0,315
CHR1	8733106	CHR1:8733106	SSF x Near_LoA	-9,10177442	-0,112	0,314
CHR1	8735321	CHR1:8735321	SSF x Near_LoA	-11,403933	-0,085	0,309
CHR1	8735389	CHR1:8735389	SSF x Near_LoA	-3,10293064	-0,104	0,292
CHR1	8735528	CHR1:8735528	SSF x Near_LoA	-11,3145151	-0,062	0,309
CHR1	87384	CHR1:87384	SSF x Near_LoA	-11,0066842	0,011	0,297
CHR1	8739431	CHR1:8739431	SSF x Near_LoA	-8,93001928	0,023	0,313
CHR1	8739671	CHR1:8739671	SSF x Near_LoA	-9,16137307	0,084	0,302
CHR1	8750100	CHR1:8750100	SSF x Near_LoA	-11,0986432	0,075	0,316
CHR1	8750119	CHR1:8750119	SSF x Near_LoA	-4,96995443	-0,060	0,307
CHR1	8750131	CHR1:8750131	SSF x Near_LoA	-8,11897055	-0,050	0,310
CHR1	8750132	CHR1:8750132	SSF x Near_LoA	-8,86253452	-0,053	0,307
CHR1	8750140	CHR1:8750140	SSF x Near_LoA	-7,35780571	-0,067	0,309
CHR1	8750142	CHR1:8750142	SSF x Near_LoA	-11,2443208	0,001	0,310
CHR1	8750160	CHR1:8750160	SSF x Near_LoA	-7,08379682	0,027	0,306
CHR1	8750199	CHR1:8750199	SSF x Near_LoA	-10,8708992	-0,097	0,316
CHR1	8750205	CHR1:8750205	SSF x Near_LoA	-11,3013634	0,097	0,294
CHR1	8750208	CHR1:8750208	SSF x Near_LoA	-9,29584204	0,099	0,301
CHR1	8750223	CHR1:8750223	SSF x Near_LoA	-10,7131877	-0,042	0,321
CHR1	8756278	CHR1:8756278	SSF x Near_LoA	-11,2190731	0,010	0,316
CHR1	8756555	CHR1:8756555	SSF x Near_LoA	-7,7846082	-0,031	0,308
CHR1	8762991	CHR1:8762991	SSF x Near_LoA	-6,56336024	0,168	0,309
CHR1	8765332	CHR1:8765332	SSF x Near_LoA	-7,50118543	-0,074	0,295
CHR1	8777077	CHR1:8777077	SSF x Near_LoA	-10,4149504	-0,024	0,299
CHR1	8783302	CHR1:8783302	SSF x Near_LoA	-8,29243016	0,036	0,320
CHR1	8783331	CHR1:8783331	SSF x Near_LoA	-8,12176306	-0,122	0,301

CHR1	8793020	CHR1:8793020	SSF x Near_LoA	-9,53351939	0,073	0,310
CHR1	8793258	CHR1:8793258	SSF x Near_LoA	-10,5536793	0,093	0,286
CHR1	880038	CHR1:880038	SSF x Near_LoA	-11,144381	-0,044	0,291
CHR1	880076	CHR1:880076	SSF x Near_LoA	-8,42196459	0,061	0,301
CHR1	8803671	CHR1:8803671	SSF x Near_LoA	-8,496356	-0,007	0,318
CHR1	8803793	CHR1:8803793	SSF x Near_LoA	-7,96654479	0,073	0,303
CHR1	8803794	CHR1:8803794	SSF x Near_LoA	-4,6473151	0,072	0,290
CHR1	8803827	CHR1:8803827	SSF x Near_LoA	-7,20773582	0,089	0,300
CHR1	8805507	CHR1:8805507	SSF x Near_LoA	-8,9782402	-0,093	0,309
CHR1	8805534	CHR1:8805534	SSF x Near_LoA	-9,46489675	-0,055	0,305
CHR1	8805596	CHR1:8805596	SSF x Near_LoA	-11,797066	0,026	0,301
CHR1	8805597	CHR1:8805597	SSF x Near_LoA	-11,0821527	0,008	0,315
CHR1	8806069	CHR1:8806069	SSF x Near_LoA	-9,95346841	0,046	0,302
CHR1	881605	CHR1:881605	SSF x Near_LoA	-8,2779367	-0,016	0,317
CHR1	881735	CHR1:881735	SSF x Near_LoA	-8,93680082	-0,007	0,306
CHR1	8820132	CHR1:8820132	SSF x Near_LoA	-8,4466467	-0,091	0,298
CHR1	883640	CHR1:883640	SSF x Near_LoA	-8,48209302	0,008	0,322
CHR1	883677	CHR1:883677	SSF x Near_LoA	-9,57562836	-0,005	0,306
CHR1	884790	CHR1:884790	SSF x Near_LoA	-7,38382038	0,079	0,307
CHR1	8863318	CHR1:8863318	SSF x Near_LoA	-9,31783982	0,101	0,317
CHR1	8864303	CHR1:8864303	SSF x Near_LoA	-7,87653136	-0,022	0,313
CHR1	8864361	CHR1:8864361	SSF x Near_LoA	-10,1687187	0,069	0,292
CHR1	8865342	CHR1:8865342	SSF x Near_LoA	-6,70445166	0,067	0,293
CHR1	8865412	CHR1:8865412	SSF x Near_LoA	-9,38322649	-0,066	0,303
CHR1	8866726	CHR1:8866726	SSF x Near_LoA	-10,6733068	-0,042	0,304
CHR1	8868157	CHR1:8868157	SSF x Near_LoA	-10,6280343	0,082	0,306
CHR1	8868170	CHR1:8868170	SSF x Near_LoA	-9,66342475	0,083	0,292
CHR1	8879989	CHR1:8879989	SSF x Near_LoA	-9,36193819	-0,037	0,312
CHR1	8880025	CHR1:8880025	SSF x Near_LoA	-11,0708544	0,059	0,307
CHR1	8880094	CHR1:8880094	SSF x Near_LoA	-11,1308614	-0,073	0,294
CHR1	8889035	CHR1:8889035	SSF x Near_LoA	-10,5084904	0,081	0,299
CHR1	8889132	CHR1:8889132	SSF x Near_LoA	-10,0357246	0,042	0,320
CHR1	8892612	CHR1:8892612	SSF x Near_LoA	-8,52191685	-0,099	0,310
CHR1	8892659	CHR1:8892659	SSF x Near_LoA	-11,0031179	0,061	0,302
CHR1	8892661	CHR1:8892661	SSF x Near_LoA	-4,33814863	0,040	0,305
CHR1	8892705	CHR1:8892705	SSF x Near_LoA	-2,72945853	0,024	0,304
CHR1	8895273	CHR1:8895273	SSF x Near_LoA	-8,51668245	-0,018	0,305
CHR1	8895356	CHR1:8895356	SSF x Near_LoA	-10,255596	-0,089	0,314
CHR1	8895372	CHR1:8895372	SSF x Near_LoA	-7,01078677	-0,118	0,312
CHR1	8895412	CHR1:8895412	SSF x Near_LoA	-7,65334197	0,084	0,305
CHR1	8897296	CHR1:8897296	SSF x Near_LoA	-10,4283104	0,014	0,305
CHR1	8901009	CHR1:8901009	SSF x Near_LoA	-10,1447071	0,098	0,293
CHR1	8901050	CHR1:8901050	SSF x Near_LoA	-7,37671763	0,035	0,318
CHR1	8901079	CHR1:8901079	SSF x Near_LoA	-10,5775666	-0,068	0,311
CHR1	8901092	CHR1:8901092	SSF x Near_LoA	-11,1355062	0,021	0,305
CHR1	8901094	CHR1:8901094	SSF x Near_LoA	-8,70208861	-0,107	0,309
CHR1	8903096	CHR1:8903096	SSF x Near_LoA	-8,83006695	0,087	0,305
CHR1	8903286	CHR1:8903286	SSF x Near_LoA	-11,4621142	-0,025	0,296
CHR1	8910339	CHR1:8910339	SSF x Near_LoA	-10,463405	-0,060	0,322
CHR1	8910382	CHR1:8910382	SSF x Near_LoA	-11,3802204	-0,013	0,306
CHR1	8913371	CHR1:8913371	SSF x Near_LoA	-8,61360262	0,030	0,304
CHR1	8913461	CHR1:8913461	SSF x Near_LoA	-11,0486069	0,042	0,298
CHR1	8918087	CHR1:8918087	SSF x Near_LoA	-11,3860138	-0,033	0,305

CHR1	8923074	CHR1:8923074	SSF x Near_LoA	-9,75798075	-0,030	0,312
CHR1	8938616	CHR1:8938616	SSF x Near_LoA	-9,27532302	-0,025	0,316
CHR1	8939565	CHR1:8939565	SSF x Near_LoA	-10,3186797	0,036	0,328
CHR1	8939575	CHR1:8939575	SSF x Near_LoA	-10,4571368	-0,019	0,314
CHR1	8939582	CHR1:8939582	SSF x Near_LoA	-9,98060901	0,039	0,300
CHR1	8939614	CHR1:8939614	SSF x Near_LoA	-8,79786433	0,159	0,286
CHR1	8939657	CHR1:8939657	SSF x Near_LoA	-3,45949551	-0,100	0,312
CHR1	8939670	CHR1:8939670	SSF x Near_LoA	-10,2404418	0,020	0,306
CHR1	894374	CHR1:894374	SSF x Near_LoA	-10,0810409	0,005	0,304
CHR1	8943842	CHR1:8943842	SSF x Near_LoA	-10,5678116	-0,022	0,303
CHR1	8943924	CHR1:8943924	SSF x Near_LoA	-3,6890752	0,215	0,303
CHR1	8944846	CHR1:8944846	SSF x Near_LoA	-10,8672365	-0,050	0,302
CHR1	8944849	CHR1:8944849	SSF x Near_LoA	-8,5696365	-0,048	0,312
CHR1	8944856	CHR1:8944856	SSF x Near_LoA	-8,67766684	-0,028	0,306
CHR1	8944876	CHR1:8944876	SSF x Near_LoA	-8,81646749	0,097	0,305
CHR1	8951588	CHR1:8951588	SSF x Near_LoA	-9,20805449	-0,056	0,305
CHR1	8956215	CHR1:8956215	SSF x Near_LoA	-9,79639054	-0,013	0,301
CHR1	8956398	CHR1:8956398	SSF x Near_LoA	-9,92688297	0,002	0,300
CHR1	8956401	CHR1:8956401	SSF x Near_LoA	-9,73237919	-0,087	0,310
CHR1	8956458	CHR1:8956458	SSF x Near_LoA	6,38868713	-0,015	0,301
CHR1	8956467	CHR1:8956467	SSF x Near_LoA	-6,19875976	0,058	0,305
CHR1	8956479	CHR1:8956479	SSF x Near_LoA	-7,41399973	0,071	0,316
CHR1	8961044	CHR1:8961044	SSF x Near_LoA	-10,6746366	-0,098	0,299
CHR1	8961049	CHR1:8961049	SSF x Near_LoA	-10,7912014	0,014	0,298
CHR1	8961057	CHR1:8961057	SSF x Near_LoA	-7,89043403	-0,044	0,298
CHR1	8961061	CHR1:8961061	SSF x Near_LoA	-8,46043229	-0,049	0,310
CHR1	8961073	CHR1:8961073	SSF x Near_LoA	-8,75895412	-0,085	0,307
CHR1	8961129	CHR1:8961129	SSF x Near_LoA	-7,91614243	0,050	0,311
CHR1	8961139	CHR1:8961139	SSF x Near_LoA	-11,0751591	-0,088	0,304
CHR1	8961170	CHR1:8961170	SSF x Near_LoA	-10,7505243	0,009	0,300
CHR1	8961177	CHR1:8961177	SSF x Near_LoA	-8,44849502	-0,083	0,302
CHR1	896306	CHR1:896306	SSF x Near_LoA	-8,70347465	-0,025	0,316
CHR1	8984630	CHR1:8984630	SSF x Near_LoA	-8,81850946	-0,052	0,318
CHR1	8984673	CHR1:8984673	SSF x Near_LoA	-8,72315103	0,042	0,312
CHR1	8984688	CHR1:8984688	SSF x Near_LoA	-6,51481207	-0,059	0,304
CHR1	8984689	CHR1:8984689	SSF x Near_LoA	-8,9588989	-0,001	0,305
CHR1	8984697	CHR1:8984697	SSF x Near_LoA	-8,53617073	-0,052	0,298
CHR1	8987109	CHR1:8987109	SSF x Near_LoA	-4,49977155	-0,171	0,298
CHR1	8987123	CHR1:8987123	SSF x Near_LoA	-7,80501829	-0,145	0,280
CHR1	8987165	CHR1:8987165	SSF x Near_LoA	-5,49829375	-0,021	0,315
CHR1	8987177	CHR1:8987177	SSF x Near_LoA	-7,46101344	-0,125	0,315
CHR1	8987186	CHR1:8987186	SSF x Near_LoA	-8,52583955	-0,116	0,310
CHR1	8987208	CHR1:8987208	SSF x Near_LoA	-6,89466186	0,113	0,309
CHR1	8987248	CHR1:8987248	SSF x Near_LoA	-8,52336744	0,038	0,318
CHR1	8987249	CHR1:8987249	SSF x Near_LoA	-7,22167073	0,060	0,322
CHR1	8987265	CHR1:8987265	SSF x Near_LoA	-10,1075433	-0,091	0,308
CHR1	8987266	CHR1:8987266	SSF x Near_LoA	-12,0022659	-0,088	0,302
CHR1	8987280	CHR1:8987280	SSF x Near_LoA	-7,87067228	0,072	0,309
CHR1	8989914	CHR1:8989914	SSF x Near_LoA	-10,8250994	0,054	0,311
CHR1	8990519	CHR1:8990519	SSF x Near_LoA	-11,6296833	0,004	0,307
CHR1	9007682	CHR1:9007682	SSF x Near_LoA	-9,74753415	0,035	0,309
CHR1	9016762	CHR1:9016762	SSF x Near_LoA	-7,04538891	0,054	0,300
CHR1	9016792	CHR1:9016792	SSF x Near_LoA	-9,95269717	0,061	0,308

CHR1	9016795	CHR1:9016795	SSF x Near_LoA	-5,30502992	-0,013	0,313
CHR1	9016833	CHR1:9016833	SSF x Near_LoA	-8,733893	0,021	0,320
CHR1	9016876	CHR1:9016876	SSF x Near_LoA	-8,57912372	-0,016	0,295
CHR1	9016879	CHR1:9016879	SSF x Near_LoA	-10,5264784	0,012	0,289
CHR1	9016889	CHR1:9016889	SSF x Near_LoA	-8,81276885	-0,124	0,307
CHR1	9021080	CHR1:9021080	SSF x Near_LoA	-7,91980241	0,196	0,289
CHR1	9021099	CHR1:9021099	SSF x Near_LoA	-7,60828792	0,158	0,283
CHR1	9021146	CHR1:9021146	SSF x Near_LoA	-8,44964341	0,068	0,315
CHR1	9024158	CHR1:9024158	SSF x Near_LoA	-9,77037336	-0,006	0,295
CHR1	9024185	CHR1:9024185	SSF x Near_LoA	-9,57942366	-0,008	0,292
CHR1	9024251	CHR1:9024251	SSF x Near_LoA	-5,60665687	-0,129	0,301
CHR1	9024332	CHR1:9024332	SSF x Near_LoA	-8,36051403	0,019	0,314
CHR1	9024369	CHR1:9024369	SSF x Near_LoA	-11,1352314	0,014	0,318
CHR1	9024373	CHR1:9024373	SSF x Near_LoA	-11,0993814	-0,006	0,322
CHR1	9024380	CHR1:9024380	SSF x Near_LoA	-6,19861813	0,032	0,305
CHR1	9024415	CHR1:9024415	SSF x Near_LoA	-9,7668563	0,004	0,296
CHR1	9025675	CHR1:9025675	SSF x Near_LoA	-10,5657912	0,031	0,305
CHR1	9028219	CHR1:9028219	SSF x Near_LoA	-7,79800634	0,092	0,307
CHR1	9028220	CHR1:9028220	SSF x Near_LoA	-9,10935926	0,025	0,309
CHR1	9028223	CHR1:9028223	SSF x Near_LoA	-8,40617242	-0,010	0,314
CHR1	9028251	CHR1:9028251	SSF x Near_LoA	-8,16122295	-0,015	0,312
CHR1	9028270	CHR1:9028270	SSF x Near_LoA	-8,35265314	0,000	0,305
CHR1	9028271	CHR1:9028271	SSF x Near_LoA	-11,4546409	0,052	0,310
CHR1	9028289	CHR1:9028289	SSF x Near_LoA	-9,09779353	0,010	0,308
CHR1	903045	CHR1:903045	SSF x Near_LoA	-8,01540548	0,109	0,307
CHR1	9035238	CHR1:9035238	SSF x Near_LoA	-11,5164739	-0,079	0,296
CHR1	9035414	CHR1:9035414	SSF x Near_LoA	-5,80354882	0,000	0,308
CHR1	9046383	CHR1:9046383	SSF x Near_LoA	-8,26890473	0,044	0,312
CHR1	9060089	CHR1:9060089	SSF x Near_LoA	-9,67164285	0,006	0,302
CHR1	90621	CHR1:90621	SSF x Near_LoA	-10,2690157	-0,080	0,316
CHR1	9063900	CHR1:9063900	SSF x Near_LoA	-10,3579192	0,078	0,315
CHR1	906546	CHR1:906546	SSF x Near_LoA	-9,50083965	-0,146	0,298
CHR1	906550	CHR1:906550	SSF x Near_LoA	-10,9097321	0,009	0,310
CHR1	9066287	CHR1:9066287	SSF x Near_LoA	-8,20315623	-0,093	0,299
CHR1	906773	CHR1:906773	SSF x Near_LoA	-8,55546333	-0,130	0,309
CHR1	906784	CHR1:906784	SSF x Near_LoA	-7,66732266	-0,185	0,294
CHR1	9074126	CHR1:9074126	SSF x Near_LoA	-11,2583761	0,044	0,306
CHR1	9088580	CHR1:9088580	SSF x Near_LoA	-6,96846825	0,078	0,301
CHR1	9088689	CHR1:9088689	SSF x Near_LoA	-8,1675127	-0,038	0,295
CHR1	9088696	CHR1:9088696	SSF x Near_LoA	-7,95831972	0,037	0,305
CHR1	9088747	CHR1:9088747	SSF x Near_LoA	-11,3281282	0,108	0,290
CHR1	9088762	CHR1:9088762	SSF x Near_LoA	-10,5142722	-0,047	0,308
CHR1	9093281	CHR1:9093281	SSF x Near_LoA	-9,22008243	-0,079	0,315
CHR1	9093304	CHR1:9093304	SSF x Near_LoA	-11,5277222	-0,006	0,302
CHR1	9093313	CHR1:9093313	SSF x Near_LoA	-8,58230813	-0,011	0,310
CHR1	9093315	CHR1:9093315	SSF x Near_LoA	-11,0748252	0,001	0,296
CHR1	9093317	CHR1:9093317	SSF x Near_LoA	-10,625579	-0,004	0,292
CHR1	9093439	CHR1:9093439	SSF x Near_LoA	-8,39600051	-0,055	0,308
CHR1	9093534	CHR1:9093534	SSF x Near_LoA	-7,45578442	0,020	0,318
CHR1	9094656	CHR1:9094656	SSF x Near_LoA	-3,120013	0,068	0,314
CHR1	9094795	CHR1:9094795	SSF x Near_LoA	-9,7952578	-0,054	0,311
CHR1	9099720	CHR1:9099720	SSF x Near_LoA	-8,46622641	-0,127	0,293
CHR1	9100285	CHR1:9100285	SSF x Near_LoA	-8,95393099	-0,015	0,300

CHR1	9102226	CHR1:9102226	SSF x Near_LoA	-6,60953677	0,140	0,278
CHR1	9107425	CHR1:9107425	SSF x Near_LoA	-7,44918485	-0,107	0,311
CHR1	9109648	CHR1:9109648	SSF x Near_LoA	-10,5638951	-0,041	0,311
CHR1	9109653	CHR1:9109653	SSF x Near_LoA	-6,66040493	-0,032	0,312
CHR1	9109692	CHR1:9109692	SSF x Near_LoA	-10,8960371	0,048	0,291
CHR1	9109711	CHR1:9109711	SSF x Near_LoA	-9,57711557	0,131	0,295
CHR1	9109740	CHR1:9109740	SSF x Near_LoA	-4,82648594	0,168	0,300
CHR1	9109897	CHR1:9109897	SSF x Near_LoA	-9,91663438	-0,150	0,295
CHR1	9112262	CHR1:9112262	SSF x Near_LoA	-8,68991568	0,084	0,303
CHR1	9112288	CHR1:9112288	SSF x Near_LoA	-8,81329098	-0,031	0,305
CHR1	9112374	CHR1:9112374	SSF x Near_LoA	-8,70170465	0,032	0,305
CHR1	9112422	CHR1:9112422	SSF x Near_LoA	-8,45127002	0,017	0,309
CHR1	9114175	CHR1:9114175	SSF x Near_LoA	-8,97116865	-0,034	0,318
CHR1	9122558	CHR1:9122558	SSF x Near_LoA	-10,3560422	0,005	0,307
CHR1	9122575	CHR1:9122575	SSF x Near_LoA	-8,75523199	0,058	0,298
CHR1	9122644	CHR1:9122644	SSF x Near_LoA	-10,738794	0,053	0,295
CHR1	9122728	CHR1:9122728	SSF x Near_LoA	-11,351786	-0,030	0,312
CHR1	9122729	CHR1:9122729	SSF x Near_LoA	-8,53035965	0,006	0,302
CHR1	9122738	CHR1:9122738	SSF x Near_LoA	-9,54034838	-0,004	0,320
CHR1	9122810	CHR1:9122810	SSF x Near_LoA	-7,05138601	-0,144	0,281
CHR1	9126445	CHR1:9126445	SSF x Near_LoA	-7,90735319	-0,053	0,301
CHR1	9126489	CHR1:9126489	SSF x Near_LoA	-4,17185329	0,117	0,312
CHR1	9133708	CHR1:9133708	SSF x Near_LoA	-10,2870493	-0,022	0,308
CHR1	9133852	CHR1:9133852	SSF x Near_LoA	-10,1916936	0,006	0,310
CHR1	9133883	CHR1:9133883	SSF x Near_LoA	-10,9876128	-0,013	0,309
CHR1	9133928	CHR1:9133928	SSF x Near_LoA	-11,350899	0,078	0,315
CHR1	9133937	CHR1:9133937	SSF x Near_LoA	-8,67278566	0,001	0,321
CHR1	9133979	CHR1:9133979	SSF x Near_LoA	-4,00165891	0,009	0,301
CHR1	9133980	CHR1:9133980	SSF x Near_LoA	-9,0565807	-0,011	0,314
CHR1	9133996	CHR1:9133996	SSF x Near_LoA	-11,0944309	0,068	0,309
CHR1	914124	CHR1:914124	SSF x Near_LoA	-9,60838137	-0,148	0,312
CHR1	914130	CHR1:914130	SSF x Near_LoA	-11,1680376	-0,054	0,297
CHR1	9143547	CHR1:9143547	SSF x Near_LoA	-6,70790139	0,126	0,279
CHR1	9143596	CHR1:9143596	SSF x Near_LoA	-10,0251616	0,142	0,294
CHR1	9143598	CHR1:9143598	SSF x Near_LoA	-6,43368824	-0,067	0,302
CHR1	9143648	CHR1:9143648	SSF x Near_LoA	-2,06841122	0,220	0,299
CHR1	9143657	CHR1:9143657	SSF x Near_LoA	-7,43278732	0,116	0,300
CHR1	9143681	CHR1:9143681	SSF x Near_LoA	-9,96180175	-0,031	0,329
CHR1	9143798	CHR1:9143798	SSF x Near_LoA	-7,89561241	-0,157	0,293
CHR1	9145115	CHR1:9145115	SSF x Near_LoA	-10,088249	-0,060	0,306
CHR1	9145362	CHR1:9145362	SSF x Near_LoA	-12,5125342	0,004	0,299
CHR1	9153173	CHR1:9153173	SSF x Near_LoA	-7,78415858	0,095	0,295
CHR1	9153349	CHR1:9153349	SSF x Near_LoA	-8,06207203	-0,052	0,284
CHR1	9153367	CHR1:9153367	SSF x Near_LoA	-8,87321957	-0,052	0,311
CHR1	9157238	CHR1:9157238	SSF x Near_LoA	-7,55834839	0,089	0,308
CHR1	9165156	CHR1:9165156	SSF x Near_LoA	-9,26017849	-0,062	0,303
CHR1	9165202	CHR1:9165202	SSF x Near_LoA	-10,7140886	0,017	0,306
CHR1	9168229	CHR1:9168229	SSF x Near_LoA	-8,91358538	-0,049	0,314
CHR1	9168270	CHR1:9168270	SSF x Near_LoA	-7,30798172	-0,115	0,315
CHR1	9173408	CHR1:9173408	SSF x Near_LoA	-8,89678726	-0,011	0,300
CHR1	9175469	CHR1:9175469	SSF x Near_LoA	-7,77570971	0,083	0,299
CHR1	9175542	CHR1:9175542	SSF x Near_LoA	-6,66079108	0,098	0,290
CHR1	9179736	CHR1:9179736	SSF x Near_LoA	-10,7163235	-0,060	0,308

CHR1	9179762	CHR1:9179762	SSF x Near_LoA	-10,3682874	-0,037	0,310
CHR1	9179765	CHR1:9179765	SSF x Near_LoA	-9,24949441	0,016	0,297
CHR1	9179781	CHR1:9179781	SSF x Near_LoA	-10,0754878	-0,027	0,316
CHR1	9179787	CHR1:9179787	SSF x Near_LoA	-10,5980961	-0,030	0,304
CHR1	9179893	CHR1:9179893	SSF x Near_LoA	-8,97625208	-0,012	0,320
CHR1	9179897	CHR1:9179897	SSF x Near_LoA	-4,88888991	-0,028	0,319
CHR1	9179948	CHR1:9179948	SSF x Near_LoA	-8,91346232	0,082	0,303
CHR1	9179965	CHR1:9179965	SSF x Near_LoA	-9,90017261	0,047	0,305
CHR1	9179975	CHR1:9179975	SSF x Near_LoA	-11,1760597	0,007	0,300
CHR1	9180958	CHR1:9180958	SSF x Near_LoA	-9,26730963	0,124	0,296
CHR1	9188077	CHR1:9188077	SSF x Near_LoA	-5,68953985	-0,062	0,311
CHR1	919019	CHR1:919019	SSF x Near_LoA	-10,5661387	0,005	0,311
CHR1	919301	CHR1:919301	SSF x Near_LoA	-6,51934655	-0,153	0,296
CHR1	9198778	CHR1:9198778	SSF x Near_LoA	-10,8946541	0,005	0,312
CHR1	9198847	CHR1:9198847	SSF x Near_LoA	-9,72837674	-0,073	0,312
CHR1	9232170	CHR1:9232170	SSF x Near_LoA	-5,7497833	-0,157	0,297
CHR1	9232262	CHR1:9232262	SSF x Near_LoA	-8,8746667	-0,073	0,309
CHR1	9232311	CHR1:9232311	SSF x Near_LoA	-9,09892145	0,021	0,311
CHR1	9242312	CHR1:9242312	SSF x Near_LoA	-10,4169989	-0,043	0,300
CHR1	9242459	CHR1:9242459	SSF x Near_LoA	-9,13673076	0,002	0,305
CHR1	9242480	CHR1:9242480	SSF x Near_LoA	-9,08086821	0,010	0,302
CHR1	9242506	CHR1:9242506	SSF x Near_LoA	-8,88736929	-0,019	0,312
CHR1	9246448	CHR1:9246448	SSF x Near_LoA	-9,95242609	-0,139	0,295
CHR1	9246474	CHR1:9246474	SSF x Near_LoA	-8,61773678	0,022	0,316
CHR1	9248654	CHR1:9248654	SSF x Near_LoA	-8,84603788	0,011	0,307
CHR1	9251221	CHR1:9251221	SSF x Near_LoA	-6,51131295	-0,168	0,289
CHR1	9251989	CHR1:9251989	SSF x Near_LoA	-8,7702777	-0,132	0,301
CHR1	9254002	CHR1:9254002	SSF x Near_LoA	-7,36221946	-0,010	0,309
CHR1	9254082	CHR1:9254082	SSF x Near_LoA	-8,40897082	0,099	0,310
CHR1	9260670	CHR1:9260670	SSF x Near_LoA	-8,54864436	0,008	0,301
CHR1	9260705	CHR1:9260705	SSF x Near_LoA	-9,1267379	-0,003	0,314
CHR1	9260742	CHR1:9260742	SSF x Near_LoA	-9,14682804	-0,158	0,313
CHR1	9263845	CHR1:9263845	SSF x Near_LoA	-9,68810329	-0,009	0,317
CHR1	9263872	CHR1:9263872	SSF x Near_LoA	-6,24319792	0,012	0,292
CHR1	9269032	CHR1:9269032	SSF x Near_LoA	-8,79308312	0,011	0,317
CHR1	9269096	CHR1:9269096	SSF x Near_LoA	-9,27725874	0,028	0,310
CHR1	927113	CHR1:927113	SSF x Near_LoA	-9,15020204	-0,068	0,275
CHR1	927228	CHR1:927228	SSF x Near_LoA	-10,1719245	0,016	0,304
CHR1	927267	CHR1:927267	SSF x Near_LoA	-5,1891951	-0,002	0,295
CHR1	9275082	CHR1:9275082	SSF x Near_LoA	-7,93974585	-0,063	0,308
CHR1	9276985	CHR1:9276985	SSF x Near_LoA	-5,37640658	0,019	0,306
CHR1	9276996	CHR1:9276996	SSF x Near_LoA	-9,79699864	0,012	0,314
CHR1	9277123	CHR1:9277123	SSF x Near_LoA	-12,1828058	-0,039	0,286
CHR1	9282157	CHR1:9282157	SSF x Near_LoA	-10,5621611	-0,037	0,311
CHR1	9285013	CHR1:9285013	SSF x Near_LoA	-8,99252861	-0,124	0,292
CHR1	9286173	CHR1:9286173	SSF x Near_LoA	-7,52328436	-0,162	0,298
CHR1	9286369	CHR1:9286369	SSF x Near_LoA	-12,0174513	-0,009	0,302
CHR1	9286403	CHR1:9286403	SSF x Near_LoA	-9,74753805	0,041	0,316
CHR1	9287190	CHR1:9287190	SSF x Near_LoA	-8,63914658	0,008	0,301
CHR1	9287291	CHR1:9287291	SSF x Near_LoA	-8,76667332	0,075	0,305
CHR1	9287298	CHR1:9287298	SSF x Near_LoA	-10,0544677	-0,027	0,296
CHR1	9287364	CHR1:9287364	SSF x Near_LoA	-9,82399522	0,106	0,306
CHR1	9299629	CHR1:9299629	SSF x Near_LoA	-11,4366365	-0,066	0,308

CHR1	9299630	CHR1:9299630	SSF x Near_LoA	-8,07888885	0,080	0,325
CHR1	9299654	CHR1:9299654	SSF x Near_LoA	-9,58266393	-0,100	0,307
CHR1	9299674	CHR1:9299674	SSF x Near_LoA	-7,17168473	-0,051	0,319
CHR1	9299692	CHR1:9299692	SSF x Near_LoA	-8,97563847	0,075	0,308
CHR1	9299726	CHR1:9299726	SSF x Near_LoA	-7,83457863	-0,049	0,300
CHR1	9299746	CHR1:9299746	SSF x Near_LoA	-8,41884051	-0,087	0,316
CHR1	9299777	CHR1:9299777	SSF x Near_LoA	-9,64626141	-0,033	0,315
CHR1	9302879	CHR1:9302879	SSF x Near_LoA	-6,11747617	-0,112	0,308
CHR1	9303183	CHR1:9303183	SSF x Near_LoA	-3,93562868	0,138	0,313
CHR1	9303195	CHR1:9303195	SSF x Near_LoA	-9,57764773	0,089	0,303
CHR1	9303199	CHR1:9303199	SSF x Near_LoA	-7,26447559	-0,135	0,323
CHR1	9315102	CHR1:9315102	SSF x Near_LoA	-9,76303821	0,018	0,309
CHR1	9315112	CHR1:9315112	SSF x Near_LoA	-11,5644156	-0,059	0,298
CHR1	9315191	CHR1:9315191	SSF x Near_LoA	-10,2467727	-0,075	0,318
CHR1	9315194	CHR1:9315194	SSF x Near_LoA	-10,5793152	0,138	0,311
CHR1	9318745	CHR1:9318745	SSF x Near_LoA	-8,88346894	-0,037	0,315
CHR1	9318833	CHR1:9318833	SSF x Near_LoA	-7,90303285	-0,056	0,313
CHR1	9318834	CHR1:9318834	SSF x Near_LoA	-11,3016429	0,040	0,314
CHR1	9318907	CHR1:9318907	SSF x Near_LoA	-6,86002799	-0,146	0,314
CHR1	9318909	CHR1:9318909	SSF x Near_LoA	-7,70144835	-0,118	0,305
CHR1	9318922	CHR1:9318922	SSF x Near_LoA	-5,58715568	-0,145	0,303
CHR1	9320026	CHR1:9320026	SSF x Near_LoA	-8,87867335	0,055	0,325
CHR1	9320040	CHR1:9320040	SSF x Near_LoA	-4,75225737	0,148	0,306
CHR1	9320085	CHR1:9320085	SSF x Near_LoA	-6,58756765	-0,172	0,307
CHR1	9320249	CHR1:9320249	SSF x Near_LoA	-9,89771222	0,026	0,306
CHR1	9320271	CHR1:9320271	SSF x Near_LoA	-9,41115727	-0,069	0,316
CHR1	9323090	CHR1:9323090	SSF x Near_LoA	-8,94733973	-0,116	0,301
CHR1	9323195	CHR1:9323195	SSF x Near_LoA	-10,195618	0,014	0,317
CHR1	9323217	CHR1:9323217	SSF x Near_LoA	-7,84221883	-0,128	0,298
CHR1	9324508	CHR1:9324508	SSF x Near_LoA	-10,093155	0,020	0,316
CHR1	9326777	CHR1:9326777	SSF x Near_LoA	-8,47267382	0,039	0,296
CHR1	9326873	CHR1:9326873	SSF x Near_LoA	-11,1023936	-0,055	0,310
CHR1	9326883	CHR1:9326883	SSF x Near_LoA	-8,69648532	0,107	0,319
CHR1	9328309	CHR1:9328309	SSF x Near_LoA	-4,78796586	0,012	0,298
CHR1	9328332	CHR1:9328332	SSF x Near_LoA	-10,3078389	-0,021	0,288
CHR1	9333193	CHR1:9333193	SSF x Near_LoA	-5,59438669	0,114	0,283
CHR1	9341660	CHR1:9341660	SSF x Near_LoA	-10,4194147	-0,060	0,307
CHR1	9341723	CHR1:9341723	SSF x Near_LoA	-3,29123657	-0,166	0,307
CHR1	9341772	CHR1:9341772	SSF x Near_LoA	-7,91884319	-0,157	0,294
CHR1	9341804	CHR1:9341804	SSF x Near_LoA	-7,03244488	-0,149	0,293
CHR1	9341806	CHR1:9341806	SSF x Near_LoA	-3,21422515	-0,138	0,305
CHR1	9341815	CHR1:9341815	SSF x Near_LoA	-7,47107682	-0,142	0,286
CHR1	9341825	CHR1:9341825	SSF x Near_LoA	-8,50185445	-0,075	0,304
CHR1	9341831	CHR1:9341831	SSF x Near_LoA	-11,3473695	0,015	0,308
CHR1	9341848	CHR1:9341848	SSF x Near_LoA	-11,0409391	0,048	0,315
CHR1	9344013	CHR1:9344013	SSF x Near_LoA	-10,2503684	0,067	0,314
CHR1	9344958	CHR1:9344958	SSF x Near_LoA	-8,92692965	-0,004	0,311
CHR1	9345001	CHR1:9345001	SSF x Near_LoA	-10,8467191	-0,044	0,307
CHR1	9345008	CHR1:9345008	SSF x Near_LoA	-9,70881933	-0,059	0,314
CHR1	9345041	CHR1:9345041	SSF x Near_LoA	-11,4535926	-0,051	0,298
CHR1	9346702	CHR1:9346702	SSF x Near_LoA	-6,56879601	-0,075	0,304
CHR1	9346703	CHR1:9346703	SSF x Near_LoA	-9,91380923	-0,080	0,309
CHR1	9346799	CHR1:9346799	SSF x Near_LoA	-8,44957347	-0,060	0,317

CHR1	9360790	CHR1:9360790	SSF x Near_LoA	-8,55174314	-0,010	0,302
CHR1	9360793	CHR1:9360793	SSF x Near_LoA	-9,4621562	-0,017	0,305
CHR1	9360804	CHR1:9360804	SSF x Near_LoA	-10,9425936	-0,029	0,302
CHR1	9360834	CHR1:9360834	SSF x Near_LoA	-9,76382586	0,024	0,309
CHR1	9361070	CHR1:9361070	SSF x Near_LoA	-11,0016946	0,104	0,318
CHR1	9369514	CHR1:9369514	SSF x Near_LoA	-5,9672187	0,176	0,300
CHR1	9369517	CHR1:9369517	SSF x Near_LoA	-6,2413082	-0,011	0,308
CHR1	9375461	CHR1:9375461	SSF x Near_LoA	-8,58175439	0,155	0,294
CHR1	9375543	CHR1:9375543	SSF x Near_LoA	-2,29651421	-0,123	0,304
CHR1	9375555	CHR1:9375555	SSF x Near_LoA	-7,62331414	-0,121	0,312
CHR1	9375597	CHR1:9375597	SSF x Near_LoA	-2,54797503	0,214	0,305
CHR1	9379294	CHR1:9379294	SSF x Near_LoA	-8,44939302	-0,039	0,304
CHR1	9379497	CHR1:9379497	SSF x Near_LoA	-2,09951364	-0,179	0,295
CHR1	9385811	CHR1:9385811	SSF x Near_LoA	-10,5997221	0,051	0,317
CHR1	9385835	CHR1:9385835	SSF x Near_LoA	-9,78594837	-0,013	0,313
CHR1	9386666	CHR1:9386666	SSF x Near_LoA	-8,82841237	-0,076	0,296
CHR1	9387901	CHR1:9387901	SSF x Near_LoA	-11,3082489	-0,008	0,315
CHR1	9387903	CHR1:9387903	SSF x Near_LoA	-6,51578779	0,160	0,298
CHR1	9388106	CHR1:9388106	SSF x Near_LoA	-6,99749559	-0,046	0,310
CHR1	9388161	CHR1:9388161	SSF x Near_LoA	-10,6230488	0,024	0,317
CHR1	938978	CHR1:938978	SSF x Near_LoA	-2,97660789	0,067	0,327
CHR1	938992	CHR1:938992	SSF x Near_LoA	-9,45530999	0,092	0,287
CHR1	9396237	CHR1:9396237	SSF x Near_LoA	-11,4228863	0,013	0,314
CHR1	9396248	CHR1:9396248	SSF x Near_LoA	-6,85463196	-0,030	0,318
CHR1	9396380	CHR1:9396380	SSF x Near_LoA	-8,78830141	-0,044	0,303
CHR1	9396451	CHR1:9396451	SSF x Near_LoA	-10,6724038	0,003	0,306
CHR1	939685	CHR1:939685	SSF x Near_LoA	-12,019337	-0,006	0,297
CHR1	939704	CHR1:939704	SSF x Near_LoA	-5,59033414	0,064	0,312
CHR1	939712	CHR1:939712	SSF x Near_LoA	-7,44676668	0,015	0,316
CHR1	9441957	CHR1:9441957	SSF x Near_LoA	0,96293076	0,144	0,298
CHR1	9451163	CHR1:9451163	SSF x Near_LoA	-12,1346776	0,048	0,304
CHR1	9451350	CHR1:9451350	SSF x Near_LoA	-10,7799109	0,087	0,295
CHR1	9451413	CHR1:9451413	SSF x Near_LoA	-7,54369025	-0,032	0,314
CHR1	9452832	CHR1:9452832	SSF x Near_LoA	-9,57698053	0,089	0,306
CHR1	945415	CHR1:945415	SSF x Near_LoA	-11,010452	0,028	0,292
CHR1	945442	CHR1:945442	SSF x Near_LoA	-8,48032938	0,066	0,305
CHR1	9464160	CHR1:9464160	SSF x Near_LoA	-10,2138725	0,015	0,305
CHR1	9464202	CHR1:9464202	SSF x Near_LoA	-8,89601026	0,006	0,309
CHR1	9464209	CHR1:9464209	SSF x Near_LoA	-11,1141549	-0,017	0,304
CHR1	9464224	CHR1:9464224	SSF x Near_LoA	-8,88167468	0,054	0,309
CHR1	9464246	CHR1:9464246	SSF x Near_LoA	-7,78393627	-0,039	0,304
CHR1	9464275	CHR1:9464275	SSF x Near_LoA	-9,97754998	-0,054	0,309
CHR1	9466653	CHR1:9466653	SSF x Near_LoA	-6,32423583	0,107	0,300
CHR1	9466658	CHR1:9466658	SSF x Near_LoA	-8,38819831	-0,166	0,300
CHR1	9466676	CHR1:9466676	SSF x Near_LoA	-11,3861981	0,080	0,319
CHR1	9466682	CHR1:9466682	SSF x Near_LoA	-9,86124523	0,062	0,312
CHR1	9466889	CHR1:9466889	SSF x Near_LoA	-10,9950055	0,043	0,308
CHR1	9466898	CHR1:9466898	SSF x Near_LoA	-11,1745936	-0,016	0,309
CHR1	948974	CHR1:948974	SSF x Near_LoA	-8,37660999	0,033	0,318
CHR1	949096	CHR1:949096	SSF x Near_LoA	-11,274685	-0,015	0,311
CHR1	9493191	CHR1:9493191	SSF x Near_LoA	-8,94592694	-0,079	0,312
CHR1	9493267	CHR1:9493267	SSF x Near_LoA	-11,161627	-0,007	0,318
CHR1	9495602	CHR1:9495602	SSF x Near_LoA	-9,06853803	0,042	0,309

CHR1	9495621	CHR1:9495621	SSF x Near_LoA	-10,3532658	-0,094	0,283
CHR1	9495722	CHR1:9495722	SSF x Near_LoA	-9,47263496	-0,063	0,305
CHR1	9502957	CHR1:9502957	SSF x Near_LoA	-8,51858312	0,010	0,314
CHR1	9512560	CHR1:9512560	SSF x Near_LoA	-9,93045539	0,030	0,311
CHR1	9512587	CHR1:9512587	SSF x Near_LoA	-9,93577256	-0,021	0,309
CHR1	9512659	CHR1:9512659	SSF x Near_LoA	-8,47959519	0,002	0,311
CHR1	9512721	CHR1:9512721	SSF x Near_LoA	-10,36995	0,019	0,312
CHR1	9512725	CHR1:9512725	SSF x Near_LoA	-4,23185626	0,062	0,306
CHR1	9512779	CHR1:9512779	SSF x Near_LoA	-8,77249251	-0,070	0,309
CHR1	9512800	CHR1:9512800	SSF x Near_LoA	-7,74573116	-0,045	0,311
CHR1	9512801	CHR1:9512801	SSF x Near_LoA	-7,76743856	0,105	0,311
CHR1	9514923	CHR1:9514923	SSF x Near_LoA	-9,39946168	-0,056	0,311
CHR1	9514934	CHR1:9514934	SSF x Near_LoA	2,76983608	-0,160	0,303
CHR1	9514961	CHR1:9514961	SSF x Near_LoA	-5,23651325	-0,193	0,297
CHR1	9515043	CHR1:9515043	SSF x Near_LoA	-10,5258236	-0,026	0,302
CHR1	9515060	CHR1:9515060	SSF x Near_LoA	-8,89775172	0,032	0,312
CHR1	9518177	CHR1:9518177	SSF x Near_LoA	-11,3389524	0,049	0,305
CHR1	9518208	CHR1:9518208	SSF x Near_LoA	-9,80702866	-0,156	0,304
CHR1	9518209	CHR1:9518209	SSF x Near_LoA	-10,2356619	-0,133	0,291
CHR1	9518214	CHR1:9518214	SSF x Near_LoA	-7,50408113	-0,111	0,304
CHR1	9518412	CHR1:9518412	SSF x Near_LoA	-10,2663817	0,034	0,306
CHR1	9518429	CHR1:9518429	SSF x Near_LoA	-8,31363611	-0,074	0,309
CHR1	9518431	CHR1:9518431	SSF x Near_LoA	-8,37259751	0,031	0,318
CHR1	952082	CHR1:952082	SSF x Near_LoA	-8,5229137	0,009	0,315
CHR1	952190	CHR1:952190	SSF x Near_LoA	-11,4941161	-0,074	0,319
CHR1	9524142	CHR1:9524142	SSF x Near_LoA	-10,85913	0,042	0,309
CHR1	9524277	CHR1:9524277	SSF x Near_LoA	-9,37418935	0,081	0,299
CHR1	9524908	CHR1:9524908	SSF x Near_LoA	-8,56111594	0,145	0,302
CHR1	9524919	CHR1:9524919	SSF x Near_LoA	-1,33278996	0,137	0,283
CHR1	9530417	CHR1:9530417	SSF x Near_LoA	-11,8161682	0,052	0,297
CHR1	9530440	CHR1:9530440	SSF x Near_LoA	-9,30488631	0,105	0,301
CHR1	9530523	CHR1:9530523	SSF x Near_LoA	-8,4750158	0,024	0,313
CHR1	9533063	CHR1:9533063	SSF x Near_LoA	-9,09720928	0,021	0,306
CHR1	9533067	CHR1:9533067	SSF x Near_LoA	0,64280349	-0,105	0,305
CHR1	9533075	CHR1:9533075	SSF x Near_LoA	-7,75062418	0,075	0,307
CHR1	9533105	CHR1:9533105	SSF x Near_LoA	-8,68130934	0,015	0,304
CHR1	9533181	CHR1:9533181	SSF x Near_LoA	-7,4759151	-0,114	0,305
CHR1	9535051	CHR1:9535051	SSF x Near_LoA	-9,36461264	0,017	0,305
CHR1	9535054	CHR1:9535054	SSF x Near_LoA	-5,19989765	-0,099	0,299
CHR1	9535114	CHR1:9535114	SSF x Near_LoA	-9,1368811	0,131	0,297
CHR1	9535133	CHR1:9535133	SSF x Near_LoA	-7,10002502	0,138	0,306
CHR1	9535168	CHR1:9535168	SSF x Near_LoA	-9,74123442	0,028	0,308
CHR1	9540683	CHR1:9540683	SSF x Near_LoA	-10,5011444	0,081	0,302
CHR1	9540697	CHR1:9540697	SSF x Near_LoA	-6,45012901	-0,046	0,320
CHR1	9540813	CHR1:9540813	SSF x Near_LoA	-6,50393566	0,059	0,315
CHR1	9543246	CHR1:9543246	SSF x Near_LoA	-9,35137741	0,086	0,318
CHR1	9543254	CHR1:9543254	SSF x Near_LoA	-7,64022649	0,079	0,304
CHR1	9543257	CHR1:9543257	SSF x Near_LoA	-8,63590634	0,077	0,316
CHR1	9552267	CHR1:9552267	SSF x Near_LoA	-11,0895948	-0,014	0,313
CHR1	9552279	CHR1:9552279	SSF x Near_LoA	-1,40510547	0,050	0,306
CHR1	9552289	CHR1:9552289	SSF x Near_LoA	-11,4452214	0,019	0,316
CHR1	9552316	CHR1:9552316	SSF x Near_LoA	-6,55125985	0,050	0,316
CHR1	9552319	CHR1:9552319	SSF x Near_LoA	-9,67881705	0,022	0,308

CHR1	9554542	CHR1:9554542	SSF x Near_LoA	-10,3620188	0,138	0,298
CHR1	9554544	CHR1:9554544	SSF x Near_LoA	-12,2299006	-0,077	0,290
CHR1	9554551	CHR1:9554551	SSF x Near_LoA	-11,3363783	-0,094	0,312
CHR1	9554574	CHR1:9554574	SSF x Near_LoA	-10,5742701	0,157	0,299
CHR1	9554609	CHR1:9554609	SSF x Near_LoA	-9,78863297	0,003	0,304
CHR1	9554611	CHR1:9554611	SSF x Near_LoA	-7,58909942	0,143	0,311
CHR1	9554625	CHR1:9554625	SSF x Near_LoA	-10,6343524	0,001	0,318
CHR1	9554662	CHR1:9554662	SSF x Near_LoA	-1,63267063	0,108	0,305
CHR1	9554687	CHR1:9554687	SSF x Near_LoA	-8,32821545	-0,126	0,306
CHR1	9554757	CHR1:9554757	SSF x Near_LoA	-8,31685491	-0,072	0,315
CHR1	9554760	CHR1:9554760	SSF x Near_LoA	-8,66458876	-0,078	0,309
CHR1	9554768	CHR1:9554768	SSF x Near_LoA	-10,4592641	0,003	0,298
CHR1	9556756	CHR1:9556756	SSF x Near_LoA	-8,18849268	-0,060	0,307
CHR1	9556781	CHR1:9556781	SSF x Near_LoA	-9,51361691	-0,133	0,304
CHR1	9556810	CHR1:9556810	SSF x Near_LoA	-5,50200491	-0,142	0,304
CHR1	9556935	CHR1:9556935	SSF x Near_LoA	-8,71590975	-0,137	0,318
CHR1	9560398	CHR1:9560398	SSF x Near_LoA	-10,695236	-0,001	0,305
CHR1	9560439	CHR1:9560439	SSF x Near_LoA	-9,80855672	-0,087	0,307
CHR1	9579300	CHR1:9579300	SSF x Near_LoA	-8,24031298	-0,081	0,312
CHR1	9580059	CHR1:9580059	SSF x Near_LoA	-7,38676528	0,032	0,322
CHR1	958585	CHR1:958585	SSF x Near_LoA	-8,99734703	-0,060	0,312
CHR1	9586432	CHR1:9586432	SSF x Near_LoA	-8,13078788	-0,033	0,312
CHR1	961102	CHR1:961102	SSF x Near_LoA	-7,83895106	-0,057	0,302
CHR1	961111	CHR1:961111	SSF x Near_LoA	-11,1660746	0,002	0,309
CHR1	961117	CHR1:961117	SSF x Near_LoA	-8,61179024	-0,071	0,305
CHR1	9612515	CHR1:9612515	SSF x Near_LoA	-8,12904692	-0,048	0,312
CHR1	9612573	CHR1:9612573	SSF x Near_LoA	-7,69530126	-0,061	0,311
CHR1	9623799	CHR1:9623799	SSF x Near_LoA	-8,69232257	0,031	0,309
CHR1	9629661	CHR1:9629661	SSF x Near_LoA	-9,07151582	0,085	0,301
CHR1	9629874	CHR1:9629874	SSF x Near_LoA	-6,00598244	-0,069	0,305
CHR1	9656350	CHR1:9656350	SSF x Near_LoA	-9,30053419	-0,081	0,308
CHR1	9656586	CHR1:9656586	SSF x Near_LoA	-3,01696464	-0,108	0,324
CHR1	9667508	CHR1:9667508	SSF x Near_LoA	-8,18284398	0,024	0,303
CHR1	9677568	CHR1:9677568	SSF x Near_LoA	-10,7488012	-0,033	0,298
CHR1	968328	CHR1:968328	SSF x Near_LoA	-9,62484516	0,019	0,318
CHR1	9685040	CHR1:9685040	SSF x Near_LoA	-6,5621366	-0,117	0,297
CHR1	9692251	CHR1:9692251	SSF x Near_LoA	-8,98672823	-0,132	0,299
CHR1	9692599	CHR1:9692599	SSF x Near_LoA	-9,96959871	-0,017	0,306
CHR1	9694341	CHR1:9694341	SSF x Near_LoA	-9,14321889	0,067	0,332
CHR1	9694450	CHR1:9694450	SSF x Near_LoA	-8,46545839	-0,018	0,300
CHR1	9701943	CHR1:9701943	SSF x Near_LoA	-9,65281177	0,014	0,304
CHR1	9701949	CHR1:9701949	SSF x Near_LoA	-8,37834631	-0,049	0,299
CHR1	9702136	CHR1:9702136	SSF x Near_LoA	-9,92036598	-0,090	0,310
CHR1	9708150	CHR1:9708150	SSF x Near_LoA	-3,09881569	-0,046	0,305
CHR1	9735884	CHR1:9735884	SSF x Near_LoA	-7,27540242	0,057	0,307
CHR1	9736638	CHR1:9736638	SSF x Near_LoA	-8,43865924	-0,143	0,290
CHR1	9743672	CHR1:9743672	SSF x Near_LoA	-8,73803135	-0,045	0,312
CHR1	9743765	CHR1:9743765	SSF x Near_LoA	-11,4719639	-0,016	0,310
CHR1	9749471	CHR1:9749471	SSF x Near_LoA	-8,89375243	0,013	0,305
CHR1	9754617	CHR1:9754617	SSF x Near_LoA	-10,0405509	0,073	0,308
CHR1	9755784	CHR1:9755784	SSF x Near_LoA	-5,21251954	-0,152	0,306
CHR1	976072	CHR1:976072	SSF x Near_LoA	-10,9605269	0,100	0,302
CHR1	976189	CHR1:976189	SSF x Near_LoA	-10,2013031	0,084	0,307

CHR1	9768879	CHR1:9768879	SSF x Near_LoA	-8,59379154	-0,021	0,312
CHR1	9769011	CHR1:9769011	SSF x Near_LoA	-9,11613624	0,063	0,303
CHR1	9769057	CHR1:9769057	SSF x Near_LoA	-8,63330308	0,087	0,287
CHR1	977047	CHR1:977047	SSF x Near_LoA	-9,35761664	0,040	0,311
CHR1	9770890	CHR1:9770890	SSF x Near_LoA	-9,6561324	-0,067	0,311
CHR1	9771605	CHR1:9771605	SSF x Near_LoA	-10,0195468	0,034	0,318
CHR1	977294	CHR1:977294	SSF x Near_LoA	-10,2494837	-0,086	0,312
CHR1	9784187	CHR1:9784187	SSF x Near_LoA	-9,21326311	-0,004	0,320
CHR1	9784199	CHR1:9784199	SSF x Near_LoA	-10,2684828	-0,019	0,316
CHR1	9784211	CHR1:9784211	SSF x Near_LoA	-8,17282331	0,112	0,304
CHR1	9784780	CHR1:9784780	SSF x Near_LoA	-9,88497784	-0,038	0,296
CHR1	9784781	CHR1:9784781	SSF x Near_LoA	-8,20468624	-0,068	0,303
CHR1	9786600	CHR1:9786600	SSF x Near_LoA	-10,7949194	-0,011	0,318
CHR1	9796142	CHR1:9796142	SSF x Near_LoA	-8,75006653	0,128	0,303
CHR1	9796163	CHR1:9796163	SSF x Near_LoA	-11,5529821	0,083	0,309
CHR1	9796255	CHR1:9796255	SSF x Near_LoA	-8,4096469	-0,017	0,305
CHR1	9800452	CHR1:9800452	SSF x Near_LoA	-6,64650247	-0,064	0,307
CHR1	9800582	CHR1:9800582	SSF x Near_LoA	-8,02250212	-0,121	0,307
CHR1	9806378	CHR1:9806378	SSF x Near_LoA	-8,48681137	0,081	0,300
CHR1	9809810	CHR1:9809810	SSF x Near_LoA	-10,8984818	0,111	0,296
CHR1	9819299	CHR1:9819299	SSF x Near_LoA	-11,5609365	-0,092	0,306
CHR1	9819457	CHR1:9819457	SSF x Near_LoA	-9,52665192	-0,016	0,297
CHR1	9820507	CHR1:9820507	SSF x Near_LoA	-6,03466935	0,003	0,315
CHR1	9824837	CHR1:9824837	SSF x Near_LoA	-9,05378547	-0,003	0,321
CHR1	9824863	CHR1:9824863	SSF x Near_LoA	-10,3685598	-0,049	0,308
CHR1	9825100	CHR1:9825100	SSF x Near_LoA	-9,27498599	0,002	0,313
CHR1	9825155	CHR1:9825155	SSF x Near_LoA	-8,16262286	0,010	0,309
CHR1	9825156	CHR1:9825156	SSF x Near_LoA	-7,21141926	-0,044	0,324
CHR1	9825168	CHR1:9825168	SSF x Near_LoA	-8,14716099	0,027	0,305
CHR1	9826849	CHR1:9826849	SSF x Near_LoA	-11,2680257	-0,037	0,317
CHR1	9831705	CHR1:9831705	SSF x Near_LoA	-8,56011418	0,003	0,303
CHR1	9831750	CHR1:9831750	SSF x Near_LoA	-11,1017851	-0,047	0,305
CHR1	9852177	CHR1:9852177	SSF x Near_LoA	-9,36432641	0,035	0,313
CHR1	9852183	CHR1:9852183	SSF x Near_LoA	-8,32939099	-0,001	0,300
CHR1	9852225	CHR1:9852225	SSF x Near_LoA	-8,08571052	-0,046	0,318
CHR1	9870589	CHR1:9870589	SSF x Near_LoA	-9,74934342	-0,096	0,309
CHR1	9870803	CHR1:9870803	SSF x Near_LoA	-9,40330672	-0,053	0,293
CHR1	9870807	CHR1:9870807	SSF x Near_LoA	-8,00506138	-0,089	0,307
CHR1	9933119	CHR1:9933119	SSF x Near_LoA	-11,3714745	-0,040	0,308
CHR1	9946359	CHR1:9946359	SSF x Near_LoA	-11,2104987	0,058	0,319
CHR1	9948121	CHR1:9948121	SSF x Near_LoA	-7,32530971	-0,053	0,296
CHR1	9948160	CHR1:9948160	SSF x Near_LoA	-1,00469441	-0,083	0,305
CHR1	9948287	CHR1:9948287	SSF x Near_LoA	-8,97738266	-0,066	0,306
CHR1	9968570	CHR1:9968570	SSF x Near_LoA	-10,7067376	-0,044	0,312
CHR1	9968721	CHR1:9968721	SSF x Near_LoA	-6,64056777	-0,145	0,312
CHR1	9971900	CHR1:9971900	SSF x Near_LoA	-10,1958325	0,096	0,305
CHR1	9980992	CHR1:9980992	SSF x Near_LoA	-6,79062003	0,106	0,306
CHR1	9981060	CHR1:9981060	SSF x Near_LoA	-9,50700093	-0,074	0,304
CHR1	9981095	CHR1:9981095	SSF x Near_LoA	-11,4772738	0,027	0,295
CHR1	9981114	CHR1:9981114	SSF x Near_LoA	-7,488694	0,106	0,302
CHR1	9985482	CHR1:9985482	SSF x Near_LoA	-8,93634111	-0,138	0,296
CHR1	9985488	CHR1:9985488	SSF x Near_LoA	-8,47576316	0,114	0,292
CHR1	9993497	CHR1:9993497	SSF x Near_LoA	-8,34537241	0,084	0,314

CHR1	9993508	CHR1:9993508	SSF x Near_LoA	-10,0568037	0,044	0,311
CHR1	9993521	CHR1:9993521	SSF x Near_LoA	-9,06982595	0,048	0,322
CHR1	9993524	CHR1:9993524	SSF x Near_LoA	-9,79370357	-0,030	0,321
CHR1	9993628	CHR1:9993628	SSF x Near_LoA	-10,7581837	0,000	0,311
CHR1	9993793	CHR1:9993793	SSF x Near_LoA	-10,148711	0,021	0,308
CHR1	9999402	CHR1:9999402	SSF x Near_LoA	-7,26990342	-0,112	0,312
CHR1	9999471	CHR1:9999471	SSF x Near_LoA	-9,35929453	-0,075	0,331
CHR1	9999482	CHR1:9999482	SSF x Near_LoA	-9,88599377	-0,037	0,298
CHR2	1E+07	CHR2:10005013	SSF x Near_LoA	-9,0409085	-0,013	0,309
CHR2	1E+07	CHR2:10005053	SSF x Near_LoA	-10,3367654	0,019	0,304
CHR2	1E+07	CHR2:10005054	SSF x Near_LoA	-9,56559457	0,045	0,316
CHR2	1E+07	CHR2:10005063	SSF x Near_LoA	-8,59084668	0,098	0,309
CHR2	1E+07	CHR2:10005108	SSF x Near_LoA	-10,1312812	0,025	0,306
CHR2	1E+07	CHR2:10005158	SSF x Near_LoA	-11,5841312	-0,047	0,305
CHR2	1E+07	CHR2:10005315	SSF x Near_LoA	-10,9966346	-0,010	0,299
CHR2	1E+07	CHR2:10005329	SSF x Near_LoA	-10,7648684	0,100	0,313
CHR2	1E+07	CHR2:10012063	SSF x Near_LoA	-0,42223349	0,050	0,308
CHR2	1E+07	CHR2:10012114	SSF x Near_LoA	-8,93852659	0,089	0,301
CHR2	1E+07	CHR2:10012148	SSF x Near_LoA	-3,37962869	-0,176	0,299
CHR2	1E+07	CHR2:10015732	SSF x Near_LoA	-7,31454445	0,099	0,330
CHR2	1001652	CHR2:1001652	SSF x Near_LoA	-9,44747868	0,018	0,300
CHR2	1001658	CHR2:1001658	SSF x Near_LoA	-9,52244982	-0,056	0,296
CHR2	1001735	CHR2:1001735	SSF x Near_LoA	-11,2416708	-0,028	0,310
CHR2	1E+07	CHR2:10025028	SSF x Near_LoA	-8,48183552	0,077	0,304
CHR2	1E+07	CHR2:10025158	SSF x Near_LoA	-7,95562681	0,014	0,319
CHR2	1E+07	CHR2:10025204	SSF x Near_LoA	-3,78919723	0,038	0,310
CHR2	1E+07	CHR2:10031240	SSF x Near_LoA	-7,83016068	-0,099	0,294
CHR2	1E+07	CHR2:10033689	SSF x Near_LoA	-10,7999227	0,060	0,310
CHR2	1E+07	CHR2:10033921	SSF x Near_LoA	-11,1888696	0,031	0,310
CHR2	1E+07	CHR2:10063301	SSF x Near_LoA	-8,83223027	-0,003	0,309
CHR2	1E+07	CHR2:10063341	SSF x Near_LoA	-9,2583238	-0,050	0,305
CHR2	1E+07	CHR2:10063452	SSF x Near_LoA	-8,08551317	0,022	0,303
CHR2	1E+07	CHR2:10063473	SSF x Near_LoA	-9,79220791	0,002	0,298
CHR2	1008373	CHR2:1008373	SSF x Near_LoA	-7,51471223	-0,069	0,300
CHR2	1008424	CHR2:1008424	SSF x Near_LoA	-10,5901973	-0,064	0,312
CHR2	1008433	CHR2:1008433	SSF x Near_LoA	-3,68987775	-0,143	0,303
CHR2	1008562	CHR2:1008562	SSF x Near_LoA	-7,970104	0,052	0,305
CHR2	1008565	CHR2:1008565	SSF x Near_LoA	-8,51017705	0,116	0,304
CHR2	1008601	CHR2:1008601	SSF x Near_LoA	-8,04183624	-0,076	0,286
CHR2	1E+07	CHR2:10091072	SSF x Near_LoA	-8,27774949	-0,001	0,295
CHR2	1E+07	CHR2:10104807	SSF x Near_LoA	-10,5265491	-0,009	0,315
CHR2	1E+07	CHR2:10133010	SSF x Near_LoA	-7,91879717	0,043	0,302
CHR2	1E+07	CHR2:10133150	SSF x Near_LoA	-11,3534939	0,027	0,306
CHR2	1E+07	CHR2:10135188	SSF x Near_LoA	-11,7279776	0,073	0,302
CHR2	1E+07	CHR2:10157432	SSF x Near_LoA	-8,88269206	0,041	0,310
CHR2	1E+07	CHR2:10168783	SSF x Near_LoA	-5,90298583	0,156	0,302
CHR2	1E+07	CHR2:10170357	SSF x Near_LoA	-10,6930773	-0,025	0,308
CHR2	1E+07	CHR2:10176299	SSF x Near_LoA	-6,29059749	0,032	0,315
CHR2	1E+07	CHR2:10187199	SSF x Near_LoA	-9,30619597	-0,131	0,307
CHR2	1E+07	CHR2:10187202	SSF x Near_LoA	-9,51771773	-0,090	0,307
CHR2	1E+07	CHR2:10194576	SSF x Near_LoA	-8,74240976	-0,053	0,292
CHR2	1E+07	CHR2:10194580	SSF x Near_LoA	-9,78088048	-0,101	0,316
CHR2	1E+07	CHR2:10194601	SSF x Near_LoA	-10,1035716	-0,091	0,296

CHR2	1E+07	CHR2:10194617	SSF x Near_LoA	-11,711552	-0,062	0,300
CHR2	1E+07	CHR2:10195247	SSF x Near_LoA	-10,1823403	-0,074	0,321
CHR2	1E+07	CHR2:10195250	SSF x Near_LoA	-7,80416532	0,026	0,297
CHR2	1E+07	CHR2:10195260	SSF x Near_LoA	-9,23142482	-0,013	0,299
CHR2	1E+07	CHR2:10195284	SSF x Near_LoA	-7,09130353	0,002	0,310
CHR2	1E+07	CHR2:10198292	SSF x Near_LoA	-7,97531754	-0,105	0,312
CHR2	1E+07	CHR2:10200894	SSF x Near_LoA	-8,93815314	0,057	0,294
CHR2	1E+07	CHR2:10200899	SSF x Near_LoA	-10,2167334	-0,084	0,303
CHR2	1E+07	CHR2:10200944	SSF x Near_LoA	-8,22843481	-0,051	0,318
CHR2	1E+07	CHR2:10200986	SSF x Near_LoA	-11,9487185	-0,029	0,299
CHR2	1E+07	CHR2:10201046	SSF x Near_LoA	-8,89912732	-0,020	0,309
CHR2	1E+07	CHR2:10201112	SSF x Near_LoA	-5,99302189	-0,016	0,309
CHR2	1E+07	CHR2:10201156	SSF x Near_LoA	-4,43835203	0,096	0,317
CHR2	1E+07	CHR2:10201167	SSF x Near_LoA	-8,11211844	-0,084	0,311
CHR2	1E+07	CHR2:10201184	SSF x Near_LoA	-10,6368779	0,013	0,305
CHR2	1020147	CHR2:1020147	SSF x Near_LoA	-10,2446054	-0,041	0,315
CHR2	1020161	CHR2:1020161	SSF x Near_LoA	-8,25388671	0,177	0,308
CHR2	1020236	CHR2:1020236	SSF x Near_LoA	-6,78989284	0,167	0,295
CHR2	1020240	CHR2:1020240	SSF x Near_LoA	-10,9444301	0,025	0,304
CHR2	1020249	CHR2:1020249	SSF x Near_LoA	-8,38331973	0,172	0,285
CHR2	1020250	CHR2:1020250	SSF x Near_LoA	-10,3903913	0,007	0,318
CHR2	1020262	CHR2:1020262	SSF x Near_LoA	-8,93244876	-0,013	0,311
CHR2	1020264	CHR2:1020264	SSF x Near_LoA	-9,97714064	-0,006	0,305
CHR2	1020288	CHR2:1020288	SSF x Near_LoA	-8,34443893	-0,124	0,294
CHR2	1020309	CHR2:1020309	SSF x Near_LoA	-7,05341627	-0,132	0,287
CHR2	1020317	CHR2:1020317	SSF x Near_LoA	-6,18676266	-0,129	0,298
CHR2	1020321	CHR2:1020321	SSF x Near_LoA	-9,76229568	-0,039	0,298
CHR2	1020332	CHR2:1020332	SSF x Near_LoA	-9,01045527	0,045	0,302
CHR2	1020351	CHR2:1020351	SSF x Near_LoA	-6,82479702	0,128	0,282
CHR2	1020377	CHR2:1020377	SSF x Near_LoA	-6,715689	-0,127	0,294
CHR2	1E+07	CHR2:10207949	SSF x Near_LoA	-12,0592763	-0,019	0,301
CHR2	1E+07	CHR2:10207987	SSF x Near_LoA	-9,50394615	0,041	0,318
CHR2	1E+07	CHR2:10216119	SSF x Near_LoA	-9,73521068	0,014	0,313
CHR2	1E+07	CHR2:10216138	SSF x Near_LoA	-11,2586711	-0,021	0,316
CHR2	1E+07	CHR2:10216146	SSF x Near_LoA	-7,61261942	0,033	0,318
CHR2	1E+07	CHR2:10216169	SSF x Near_LoA	-7,78502518	0,065	0,301
CHR2	1E+07	CHR2:10216175	SSF x Near_LoA	-9,62927752	0,050	0,301
CHR2	1E+07	CHR2:10216217	SSF x Near_LoA	-11,5965627	-0,012	0,309
CHR2	1E+07	CHR2:10216261	SSF x Near_LoA	-8,50985766	0,007	0,307
CHR2	1E+07	CHR2:10223695	SSF x Near_LoA	-9,75192164	-0,078	0,316
CHR2	1E+07	CHR2:10223730	SSF x Near_LoA	-9,11199689	-0,032	0,295
CHR2	1E+07	CHR2:10223781	SSF x Near_LoA	-9,2262005	-0,115	0,305
CHR2	1E+07	CHR2:10223809	SSF x Near_LoA	-10,9347039	0,044	0,299
CHR2	1E+07	CHR2:10230040	SSF x Near_LoA	-8,40067663	0,003	0,318
CHR2	1E+07	CHR2:10230083	SSF x Near_LoA	-8,41781294	-0,105	0,315
CHR2	1E+07	CHR2:10230101	SSF x Near_LoA	-9,03260128	0,077	0,313
CHR2	1E+07	CHR2:10230131	SSF x Near_LoA	-11,3192985	-0,007	0,313
CHR2	1E+07	CHR2:10230151	SSF x Near_LoA	-9,31667825	0,011	0,319
CHR2	1E+07	CHR2:10230173	SSF x Near_LoA	-8,06671326	0,093	0,289
CHR2	1E+07	CHR2:10231322	SSF x Near_LoA	-10,0147754	-0,030	0,310
CHR2	1E+07	CHR2:10231396	SSF x Near_LoA	-10,1112569	-0,036	0,325
CHR2	1E+07	CHR2:10235451	SSF x Near_LoA	-10,6758906	0,025	0,296
CHR2	1E+07	CHR2:10235557	SSF x Near_LoA	-1,68118506	-0,050	0,309

CHR2	1E+07	CHR2:10235600	SSF x Near_LoA	-9,57606644	0,025	0,303
CHR2	1E+07	CHR2:10251041	SSF x Near_LoA	-5,6967158	-0,161	0,286
CHR2	1E+07	CHR2:10251089	SSF x Near_LoA	-8,61839453	-0,085	0,305
CHR2	1E+07	CHR2:10251192	SSF x Near_LoA	-6,69808172	-0,151	0,312
CHR2	1E+07	CHR2:10256385	SSF x Near_LoA	-9,71377967	-0,089	0,309
CHR2	1E+07	CHR2:10256529	SSF x Near_LoA	-9,72729733	-0,018	0,303
CHR2	1E+07	CHR2:10256594	SSF x Near_LoA	-8,7008272	-0,028	0,285
CHR2	1E+07	CHR2:10256710	SSF x Near_LoA	-8,49837008	-0,046	0,314
CHR2	1E+07	CHR2:10256714	SSF x Near_LoA	-6,88480744	-0,132	0,308
CHR2	1E+07	CHR2:10256720	SSF x Near_LoA	-7,80549346	-0,106	0,296
CHR2	1E+07	CHR2:10269400	SSF x Near_LoA	-5,87047277	-0,153	0,293
CHR2	1E+07	CHR2:10269409	SSF x Near_LoA	-7,12051374	-0,028	0,288
CHR2	1E+07	CHR2:10269481	SSF x Near_LoA	-8,90792841	0,080	0,289
CHR2	1E+07	CHR2:10269494	SSF x Near_LoA	-10,2269854	0,080	0,295
CHR2	1E+07	CHR2:10274723	SSF x Near_LoA	-7,78577158	-0,080	0,293
CHR2	1E+07	CHR2:10274765	SSF x Near_LoA	-9,239555	-0,116	0,310
CHR2	1E+07	CHR2:10279952	SSF x Near_LoA	-10,0844114	-0,017	0,290
CHR2	1E+07	CHR2:10279983	SSF x Near_LoA	-10,6241035	0,001	0,305
CHR2	1E+07	CHR2:10280013	SSF x Near_LoA	-10,7862536	-0,044	0,302
CHR2	1E+07	CHR2:10283561	SSF x Near_LoA	-7,92052317	-0,012	0,320
CHR2	1E+07	CHR2:10283581	SSF x Near_LoA	-6,45395776	-0,081	0,310
CHR2	1E+07	CHR2:10283615	SSF x Near_LoA	-9,53868565	0,116	0,298
CHR2	1E+07	CHR2:10283646	SSF x Near_LoA	-5,3357571	0,178	0,299
CHR2	1E+07	CHR2:10283735	SSF x Near_LoA	-8,80647862	0,175	0,300
CHR2	1E+07	CHR2:10283736	SSF x Near_LoA	-9,05697139	0,185	0,304
CHR2	1E+07	CHR2:10283748	SSF x Near_LoA	-8,51391507	0,132	0,308
CHR2	1E+07	CHR2:10285230	SSF x Near_LoA	-8,20191379	0,026	0,298
CHR2	1E+07	CHR2:10285238	SSF x Near_LoA	-9,44877334	-0,008	0,308
CHR2	1E+07	CHR2:10285267	SSF x Near_LoA	-8,31776203	-0,003	0,319
CHR2	1E+07	CHR2:10285345	SSF x Near_LoA	-5,64712439	0,184	0,303
CHR2	1E+07	CHR2:10287619	SSF x Near_LoA	-10,4341599	-0,018	0,309
CHR2	1E+07	CHR2:10295654	SSF x Near_LoA	-10,6842776	-0,098	0,294
CHR2	1E+07	CHR2:10295655	SSF x Near_LoA	-8,6378483	0,031	0,304
CHR2	1E+07	CHR2:10295709	SSF x Near_LoA	-11,0963361	-0,019	0,300
CHR2	1E+07	CHR2:10295728	SSF x Near_LoA	-9,01817903	-0,039	0,307
CHR2	1E+07	CHR2:10301427	SSF x Near_LoA	-10,8538281	0,044	0,313
CHR2	1E+07	CHR2:10301467	SSF x Near_LoA	-7,82521432	0,010	0,310
CHR2	1E+07	CHR2:10301486	SSF x Near_LoA	-7,6824046	0,128	0,317
CHR2	1E+07	CHR2:10301503	SSF x Near_LoA	-10,2024507	0,055	0,314
CHR2	1E+07	CHR2:10301572	SSF x Near_LoA	-9,00786053	-0,066	0,312
CHR2	1E+07	CHR2:10304639	SSF x Near_LoA	-10,9286269	-0,024	0,310
CHR2	1E+07	CHR2:10310069	SSF x Near_LoA	-7,73253258	0,086	0,296
CHR2	1E+07	CHR2:10310087	SSF x Near_LoA	-9,02774935	0,197	0,298
CHR2	1E+07	CHR2:10310111	SSF x Near_LoA	-2,82508404	0,194	0,294
CHR2	1E+07	CHR2:10310155	SSF x Near_LoA	-10,8905586	0,011	0,320
CHR2	1E+07	CHR2:10314860	SSF x Near_LoA	-8,06865345	-0,017	0,305
CHR2	1E+07	CHR2:10314862	SSF x Near_LoA	-10,4928757	-0,076	0,299
CHR2	1E+07	CHR2:10314885	SSF x Near_LoA	-9,26093564	-0,108	0,306
CHR2	1E+07	CHR2:10314963	SSF x Near_LoA	-10,5273589	0,037	0,293
CHR2	1E+07	CHR2:10315014	SSF x Near_LoA	-8,65401271	0,011	0,307
CHR2	1E+07	CHR2:10315046	SSF x Near_LoA	-9,84030434	0,138	0,303
CHR2	1E+07	CHR2:10315047	SSF x Near_LoA	-3,6150314	0,094	0,307
CHR2	1E+07	CHR2:10315058	SSF x Near_LoA	-9,72508577	-0,073	0,318

CHR2	1E+07	CHR2:10315075	SSF x Near_LoA	-8,35237884	-0,125	0,305
CHR2	1E+07	CHR2:10315076	SSF x Near_LoA	-8,50537929	-0,126	0,300
CHR2	1E+07	CHR2:10315874	SSF x Near_LoA	-8,01102899	-0,012	0,309
CHR2	1E+07	CHR2:10315966	SSF x Near_LoA	-11,1252715	-0,032	0,302
CHR2	1E+07	CHR2:10318232	SSF x Near_LoA	-9,78893448	0,045	0,301
CHR2	1E+07	CHR2:10318248	SSF x Near_LoA	-7,20509624	-0,119	0,309
CHR2	1E+07	CHR2:10318257	SSF x Near_LoA	-5,5554011	-0,095	0,304
CHR2	1E+07	CHR2:10318261	SSF x Near_LoA	-8,97609318	-0,064	0,312
CHR2	1E+07	CHR2:10318576	SSF x Near_LoA	-10,1269955	-0,062	0,319
CHR2	1E+07	CHR2:10318583	SSF x Near_LoA	-10,7979776	-0,056	0,308
CHR2	1E+07	CHR2:10318631	SSF x Near_LoA	-8,64297101	-0,058	0,323
CHR2	1E+07	CHR2:10318642	SSF x Near_LoA	-7,99432412	-0,001	0,309
CHR2	1E+07	CHR2:10318652	SSF x Near_LoA	-9,5357535	-0,088	0,306
CHR2	1E+07	CHR2:10318655	SSF x Near_LoA	-9,36407867	-0,032	0,309
CHR2	1E+07	CHR2:10318715	SSF x Near_LoA	-8,30728493	-0,026	0,301
CHR2	1E+07	CHR2:10325063	SSF x Near_LoA	-9,86408947	0,001	0,324
CHR2	1E+07	CHR2:10325073	SSF x Near_LoA	-10,509606	-0,088	0,290
CHR2	1E+07	CHR2:10325076	SSF x Near_LoA	-8,87472388	-0,034	0,301
CHR2	1E+07	CHR2:10328641	SSF x Near_LoA	5,3595859	-0,211	0,313
CHR2	1E+07	CHR2:10335331	SSF x Near_LoA	-12,3708958	-0,076	0,305
CHR2	1E+07	CHR2:10340230	SSF x Near_LoA	-10,0979562	-0,013	0,308
CHR2	1E+07	CHR2:10344170	SSF x Near_LoA	-11,2977206	-0,003	0,298
CHR2	1E+07	CHR2:10344289	SSF x Near_LoA	-10,3396243	-0,020	0,307
CHR2	1E+07	CHR2:10344306	SSF x Near_LoA	-10,3292362	-0,102	0,303
CHR2	1E+07	CHR2:10350909	SSF x Near_LoA	-9,20279166	0,003	0,298
CHR2	1E+07	CHR2:10350912	SSF x Near_LoA	-8,5770372	0,064	0,304
CHR2	1E+07	CHR2:10350971	SSF x Near_LoA	-8,433604	0,098	0,311
CHR2	1E+07	CHR2:10350982	SSF x Near_LoA	-9,79559909	-0,033	0,297
CHR2	1E+07	CHR2:10350994	SSF x Near_LoA	-10,0180416	0,018	0,304
CHR2	1E+07	CHR2:10351021	SSF x Near_LoA	-9,78679956	-0,010	0,309
CHR2	1E+07	CHR2:10353954	SSF x Near_LoA	-8,17061853	-0,038	0,308
CHR2	1E+07	CHR2:10353991	SSF x Near_LoA	-10,5326964	-0,066	0,302
CHR2	1E+07	CHR2:10353992	SSF x Near_LoA	-9,64544891	-0,077	0,311
CHR2	1E+07	CHR2:10354030	SSF x Near_LoA	-8,47650778	0,111	0,295
CHR2	1E+07	CHR2:10354822	SSF x Near_LoA	-11,145243	-0,018	0,309
CHR2	1E+07	CHR2:10354886	SSF x Near_LoA	-8,51360194	0,067	0,302
CHR2	1E+07	CHR2:10354903	SSF x Near_LoA	-7,87806296	-0,008	0,324
CHR2	1E+07	CHR2:10354926	SSF x Near_LoA	-10,2421344	-0,135	0,315
CHR2	1E+07	CHR2:10354933	SSF x Near_LoA	-9,47096628	-0,034	0,301
CHR2	1E+07	CHR2:10354971	SSF x Near_LoA	-12,1207891	-0,062	0,298
CHR2	1E+07	CHR2:10354972	SSF x Near_LoA	-8,03151442	0,109	0,293
CHR2	1E+07	CHR2:10354988	SSF x Near_LoA	-11,1699407	0,088	0,304
CHR2	1E+07	CHR2:10357863	SSF x Near_LoA	-9,44749858	0,076	0,308
CHR2	1E+07	CHR2:10357874	SSF x Near_LoA	-6,3589481	0,058	0,309
CHR2	1E+07	CHR2:10357898	SSF x Near_LoA	-5,83600033	-0,047	0,323
CHR2	1E+07	CHR2:10357960	SSF x Near_LoA	-8,91905679	-0,066	0,317
CHR2	1E+07	CHR2:10372827	SSF x Near_LoA	-9,06959933	-0,050	0,322
CHR2	1E+07	CHR2:10372856	SSF x Near_LoA	-9,06770726	0,019	0,306
CHR2	1E+07	CHR2:10372904	SSF x Near_LoA	-8,11543818	-0,014	0,313
CHR2	1E+07	CHR2:10372944	SSF x Near_LoA	-8,64682071	0,062	0,305
CHR2	1E+07	CHR2:10372989	SSF x Near_LoA	-6,44751247	0,156	0,312
CHR2	1E+07	CHR2:10379141	SSF x Near_LoA	-9,80693866	0,046	0,306
CHR2	1E+07	CHR2:10379189	SSF x Near_LoA	-7,92722424	-0,105	0,297

CHR2	1E+07	CHR2:10381826	SSF x Near_LoA	-8,57821683	0,068	0,304
CHR2	1E+07	CHR2:10383529	SSF x Near_LoA	-9,99555859	0,061	0,315
CHR2	1E+07	CHR2:10383602	SSF x Near_LoA	-11,5091338	-0,067	0,303
CHR2	1E+07	CHR2:10389918	SSF x Near_LoA	-9,78500321	0,010	0,303
CHR2	1E+07	CHR2:10392659	SSF x Near_LoA	-7,67825501	0,003	0,310
CHR2	1E+07	CHR2:10392706	SSF x Near_LoA	-10,6401048	-0,023	0,303
CHR2	1E+07	CHR2:10392736	SSF x Near_LoA	-7,69683962	-0,006	0,317
CHR2	1E+07	CHR2:10392759	SSF x Near_LoA	-7,76923742	-0,016	0,308
CHR2	1E+07	CHR2:10392847	SSF x Near_LoA	-9,78625584	0,006	0,298
CHR2	1E+07	CHR2:10398811	SSF x Near_LoA	-10,6591851	0,034	0,300
CHR2	1E+07	CHR2:10398840	SSF x Near_LoA	-11,8282676	0,008	0,323
CHR2	1E+07	CHR2:10398949	SSF x Near_LoA	-9,33664859	0,079	0,309
CHR2	1E+07	CHR2:10416453	SSF x Near_LoA	-3,06141622	-0,150	0,309
CHR2	1E+07	CHR2:10431582	SSF x Near_LoA	-8,25866985	-0,045	0,303
CHR2	1E+07	CHR2:10431629	SSF x Near_LoA	-8,90589064	0,042	0,321
CHR2	1E+07	CHR2:10431662	SSF x Near_LoA	-10,4157679	0,011	0,308
CHR2	1E+07	CHR2:10431668	SSF x Near_LoA	-9,0927861	-0,005	0,298
CHR2	1E+07	CHR2:10431677	SSF x Near_LoA	-6,38643627	0,047	0,340
CHR2	1E+07	CHR2:10431694	SSF x Near_LoA	-7,22324459	0,040	0,315
CHR2	1E+07	CHR2:10431707	SSF x Near_LoA	-8,44959037	0,013	0,305
CHR2	1E+07	CHR2:10431723	SSF x Near_LoA	-9,47948949	-0,027	0,313
CHR2	1E+07	CHR2:10431731	SSF x Near_LoA	-8,36393944	-0,036	0,314
CHR2	1E+07	CHR2:10431750	SSF x Near_LoA	-7,39824175	-0,095	0,309
CHR2	1E+07	CHR2:10434079	SSF x Near_LoA	-8,59443262	-0,087	0,316
CHR2	1E+07	CHR2:10434145	SSF x Near_LoA	-8,78250385	-0,002	0,313
CHR2	1E+07	CHR2:10434146	SSF x Near_LoA	-10,8170141	0,032	0,300
CHR2	1E+07	CHR2:10434187	SSF x Near_LoA	-8,96971866	0,000	0,311
CHR2	1E+07	CHR2:10434188	SSF x Near_LoA	-8,82305046	0,023	0,319
CHR2	1E+07	CHR2:10434190	SSF x Near_LoA	-9,00083661	0,011	0,307
CHR2	1E+07	CHR2:10434535	SSF x Near_LoA	-8,93285066	0,074	0,319
CHR2	1E+07	CHR2:10434596	SSF x Near_LoA	-10,1803847	0,018	0,290
CHR2	1E+07	CHR2:10437858	SSF x Near_LoA	-12,06115	-0,003	0,303
CHR2	1E+07	CHR2:10437905	SSF x Near_LoA	-9,05895874	0,131	0,287
CHR2	1E+07	CHR2:10437926	SSF x Near_LoA	-2,56461079	0,021	0,307
CHR2	1E+07	CHR2:10437998	SSF x Near_LoA	-9,34253758	-0,005	0,309
CHR2	1E+07	CHR2:10438060	SSF x Near_LoA	-7,37692199	0,071	0,323
CHR2	1E+07	CHR2:10441289	SSF x Near_LoA	-7,95977584	0,088	0,306
CHR2	1E+07	CHR2:10446443	SSF x Near_LoA	-9,07159682	0,029	0,310
CHR2	1E+07	CHR2:10452669	SSF x Near_LoA	-4,89598845	0,172	0,314
CHR2	1E+07	CHR2:10453330	SSF x Near_LoA	-10,9926374	0,065	0,298
CHR2	1E+07	CHR2:10453461	SSF x Near_LoA	-8,71469094	-0,019	0,316
CHR2	1E+07	CHR2:10457801	SSF x Near_LoA	-9,61258392	-0,009	0,290
CHR2	1E+07	CHR2:10457802	SSF x Near_LoA	-9,94611514	-0,044	0,322
CHR2	1E+07	CHR2:10459485	SSF x Near_LoA	-11,0275119	-0,039	0,318
CHR2	1E+07	CHR2:10459513	SSF x Near_LoA	-9,01669508	-0,032	0,316
CHR2	1E+07	CHR2:10464290	SSF x Near_LoA	-9,60776483	-0,004	0,325
CHR2	1E+07	CHR2:10464297	SSF x Near_LoA	-6,28722731	-0,129	0,322
CHR2	1E+07	CHR2:10466382	SSF x Near_LoA	-1,64146959	0,120	0,306
CHR2	1E+07	CHR2:10466429	SSF x Near_LoA	-7,77998735	-0,089	0,306
CHR2	1E+07	CHR2:10466470	SSF x Near_LoA	-7,67345757	0,149	0,295
CHR2	1E+07	CHR2:10469191	SSF x Near_LoA	-10,307645	-0,003	0,291
CHR2	1E+07	CHR2:10474163	SSF x Near_LoA	-8,15461395	-0,007	0,303
CHR2	1E+07	CHR2:10483637	SSF x Near_LoA	-9,40524706	-0,016	0,311

CHR2	1E+07	CHR2:10483652	SSF x Near_LoA	-9,46412956	-0,069	0,299
CHR2	1E+07	CHR2:10483740	SSF x Near_LoA	-8,85203593	0,158	0,308
CHR2	1E+07	CHR2:10483756	SSF x Near_LoA	-8,49159841	0,067	0,307
CHR2	1E+07	CHR2:10483778	SSF x Near_LoA	-9,52891527	-0,072	0,303
CHR2	1E+07	CHR2:10483796	SSF x Near_LoA	-9,93027803	0,039	0,304
CHR2	1E+07	CHR2:10483811	SSF x Near_LoA	-7,9905176	-0,040	0,315
CHR2	1E+07	CHR2:10483816	SSF x Near_LoA	-9,74737325	-0,016	0,307
CHR2	1E+07	CHR2:10486283	SSF x Near_LoA	-10,4997676	-0,102	0,321
CHR2	1E+07	CHR2:10490478	SSF x Near_LoA	-9,41767755	-0,046	0,317
CHR2	1E+07	CHR2:10490497	SSF x Near_LoA	-6,91148224	0,139	0,311
CHR2	1E+07	CHR2:10490578	SSF x Near_LoA	-7,9849887	-0,121	0,317
CHR2	1E+07	CHR2:10490643	SSF x Near_LoA	-6,843475	-0,056	0,302
CHR2	1E+07	CHR2:10495952	SSF x Near_LoA	-4,29036615	-0,083	0,299
CHR2	1E+07	CHR2:10495996	SSF x Near_LoA	-9,32565331	0,102	0,319
CHR2	1E+07	CHR2:10495997	SSF x Near_LoA	-7,21482286	0,030	0,310
CHR2	1E+07	CHR2:10495999	SSF x Near_LoA	-8,25228835	0,033	0,297
CHR2	1E+07	CHR2:10496035	SSF x Near_LoA	-8,77142989	0,006	0,311
CHR2	1E+07	CHR2:10496183	SSF x Near_LoA	-9,54398798	-0,124	0,308
CHR2	1E+07	CHR2:10498324	SSF x Near_LoA	-11,2921886	-0,028	0,307
CHR2	1E+07	CHR2:10498805	SSF x Near_LoA	-9,10578644	-0,045	0,308
CHR2	1E+07	CHR2:10498808	SSF x Near_LoA	-10,2366987	0,012	0,306
CHR2	1049977	CHR2:1049977	SSF x Near_LoA	-10,144883	-0,073	0,309
CHR2	1050020	CHR2:1050020	SSF x Near_LoA	-10,8668475	-0,009	0,307
CHR2	1050033	CHR2:1050033	SSF x Near_LoA	-2,32002617	-0,140	0,287
CHR2	10501348	CHR2:10501348	SSF x Near_LoA	-5,61219141	-0,142	0,316
CHR2	10501420	CHR2:10501420	SSF x Near_LoA	-10,3845392	0,045	0,309
CHR2	10501424	CHR2:10501424	SSF x Near_LoA	-9,59914159	0,080	0,303
CHR2	10501425	CHR2:10501425	SSF x Near_LoA	-10,3341951	0,061	0,295
CHR2	1050153	CHR2:1050153	SSF x Near_LoA	-6,18068657	-0,183	0,288
CHR2	1050180	CHR2:1050180	SSF x Near_LoA	-7,22947281	0,044	0,309
CHR2	1050186	CHR2:1050186	SSF x Near_LoA	-7,60414567	-0,022	0,312
CHR2	1050195	CHR2:1050195	SSF x Near_LoA	-8,80949732	-0,042	0,306
CHR2	10502354	CHR2:10502354	SSF x Near_LoA	-9,82971559	-0,151	0,295
CHR2	10519161	CHR2:10519161	SSF x Near_LoA	-9,23909801	0,082	0,306
CHR2	10519200	CHR2:10519200	SSF x Near_LoA	-9,32410024	0,009	0,312
CHR2	10519653	CHR2:10519653	SSF x Near_LoA	-8,47385731	-0,065	0,305
CHR2	10523745	CHR2:10523745	SSF x Near_LoA	-10,3955207	-0,108	0,309
CHR2	10523832	CHR2:10523832	SSF x Near_LoA	-9,22100172	0,106	0,300
CHR2	10529088	CHR2:10529088	SSF x Near_LoA	-10,8107388	0,004	0,309
CHR2	10529105	CHR2:10529105	SSF x Near_LoA	-9,80345203	0,022	0,304
CHR2	10529109	CHR2:10529109	SSF x Near_LoA	-8,13998459	0,101	0,312
CHR2	10529134	CHR2:10529134	SSF x Near_LoA	-9,41996783	0,042	0,313
CHR2	10529164	CHR2:10529164	SSF x Near_LoA	-5,63976368	-0,038	0,306
CHR2	10540867	CHR2:10540867	SSF x Near_LoA	-3,02231664	0,095	0,320
CHR2	10540876	CHR2:10540876	SSF x Near_LoA	-9,00263246	-0,115	0,316
CHR2	10541059	CHR2:10541059	SSF x Near_LoA	-9,44588935	0,150	0,307
CHR2	10541239	CHR2:10541239	SSF x Near_LoA	-9,26633337	0,033	0,306
CHR2	10542420	CHR2:10542420	SSF x Near_LoA	-9,14018691	-0,087	0,320
CHR2	10542438	CHR2:10542438	SSF x Near_LoA	-8,10013602	-0,101	0,299
CHR2	10542473	CHR2:10542473	SSF x Near_LoA	-10,5737059	0,016	0,304
CHR2	10542540	CHR2:10542540	SSF x Near_LoA	-9,53282443	-0,004	0,327
CHR2	10569434	CHR2:10569434	SSF x Near_LoA	-7,61913459	0,110	0,305
CHR2	10569604	CHR2:10569604	SSF x Near_LoA	-9,83396524	0,024	0,319

CHR2	10575335	CHR2:10575335	SSF x Near_LoA	-6,81306659	-0,059	0,317
CHR2	10576756	CHR2:10576756	SSF x Near_LoA	-9,65220287	0,049	0,318
CHR2	10581951	CHR2:10581951	SSF x Near_LoA	-9,35366387	0,049	0,290
CHR2	10581955	CHR2:10581955	SSF x Near_LoA	-9,42802793	0,055	0,293
CHR2	10581969	CHR2:10581969	SSF x Near_LoA	-5,71310124	0,102	0,317
CHR2	10582042	CHR2:10582042	SSF x Near_LoA	-10,5468521	0,000	0,324
CHR2	10582043	CHR2:10582043	SSF x Near_LoA	-11,8307445	0,004	0,318
CHR2	10582054	CHR2:10582054	SSF x Near_LoA	-9,16272634	-0,002	0,299
CHR2	10589389	CHR2:10589389	SSF x Near_LoA	-8,19460901	-0,048	0,308
CHR2	10589410	CHR2:10589410	SSF x Near_LoA	-9,47933977	0,019	0,294
CHR2	10597817	CHR2:10597817	SSF x Near_LoA	-8,97995284	-0,085	0,313
CHR2	10597821	CHR2:10597821	SSF x Near_LoA	-10,5250883	-0,044	0,300
CHR2	10597826	CHR2:10597826	SSF x Near_LoA	-11,3666303	-0,010	0,316
CHR2	10597834	CHR2:10597834	SSF x Near_LoA	-8,97152977	-0,038	0,307
CHR2	10597853	CHR2:10597853	SSF x Near_LoA	-9,14047031	-0,042	0,314
CHR2	10597854	CHR2:10597854	SSF x Near_LoA	-8,52547534	-0,020	0,319
CHR2	10597863	CHR2:10597863	SSF x Near_LoA	-10,3789998	-0,043	0,311
CHR2	10597870	CHR2:10597870	SSF x Near_LoA	-8,24565216	-0,058	0,320
CHR2	10597887	CHR2:10597887	SSF x Near_LoA	-11,170557	-0,039	0,302
CHR2	10597891	CHR2:10597891	SSF x Near_LoA	-10,1076286	-0,026	0,298
CHR2	10597895	CHR2:10597895	SSF x Near_LoA	-10,2893814	-0,059	0,309
CHR2	10597910	CHR2:10597910	SSF x Near_LoA	-10,199348	-0,081	0,302
CHR2	10597915	CHR2:10597915	SSF x Near_LoA	-8,85375911	0,070	0,313
CHR2	10598052	CHR2:10598052	SSF x Near_LoA	-9,5665584	0,018	0,303
CHR2	10598081	CHR2:10598081	SSF x Near_LoA	-7,0835397	-0,061	0,311
CHR2	10598085	CHR2:10598085	SSF x Near_LoA	-10,5498455	-0,065	0,305
CHR2	10600106	CHR2:10600106	SSF x Near_LoA	0,71417961	-0,020	0,317
CHR2	10600221	CHR2:10600221	SSF x Near_LoA	-8,72693017	-0,041	0,311
CHR2	10600323	CHR2:10600323	SSF x Near_LoA	-11,8109427	-0,013	0,312
CHR2	10600347	CHR2:10600347	SSF x Near_LoA	-8,36869752	0,123	0,316
CHR2	10604768	CHR2:10604768	SSF x Near_LoA	-10,3320175	0,025	0,296
CHR2	10604838	CHR2:10604838	SSF x Near_LoA	-9,01025087	0,055	0,288
CHR2	10604846	CHR2:10604846	SSF x Near_LoA	-8,82271269	0,058	0,300
CHR2	10607944	CHR2:10607944	SSF x Near_LoA	-10,870982	-0,066	0,303
CHR2	10607998	CHR2:10607998	SSF x Near_LoA	-10,1852208	-0,032	0,302
CHR2	10608004	CHR2:10608004	SSF x Near_LoA	-9,15361565	-0,060	0,309
CHR2	10608005	CHR2:10608005	SSF x Near_LoA	-10,0591622	0,079	0,302
CHR2	10608037	CHR2:10608037	SSF x Near_LoA	-10,9960603	-0,043	0,292
CHR2	10608071	CHR2:10608071	SSF x Near_LoA	-9,38129156	0,061	0,317
CHR2	10608112	CHR2:10608112	SSF x Near_LoA	-11,1838672	0,031	0,323
CHR2	10613643	CHR2:10613643	SSF x Near_LoA	-9,42310588	-0,039	0,323
CHR2	10613731	CHR2:10613731	SSF x Near_LoA	-11,1149672	-0,071	0,299
CHR2	10613791	CHR2:10613791	SSF x Near_LoA	-11,7589649	0,037	0,315
CHR2	10613874	CHR2:10613874	SSF x Near_LoA	-8,04982681	-0,073	0,314
CHR2	10625605	CHR2:10625605	SSF x Near_LoA	-8,8581995	-0,050	0,306
CHR2	1063973	CHR2:1063973	SSF x Near_LoA	-9,82739584	-0,087	0,308
CHR2	10639980	CHR2:10639980	SSF x Near_LoA	-9,09034364	0,105	0,296
CHR2	10639998	CHR2:10639998	SSF x Near_LoA	-8,4883781	0,081	0,309
CHR2	10640005	CHR2:10640005	SSF x Near_LoA	-10,8051902	-0,001	0,301
CHR2	10640009	CHR2:10640009	SSF x Near_LoA	-7,55117215	0,002	0,308
CHR2	10640045	CHR2:10640045	SSF x Near_LoA	-9,45394666	0,100	0,308
CHR2	10640053	CHR2:10640053	SSF x Near_LoA	-9,61229437	0,046	0,312
CHR2	1064150	CHR2:1064150	SSF x Near_LoA	-8,60971261	0,114	0,295

CHR2	1064158	CHR2:1064158	SSF x Near_LoA	-9,9430097	0,083	0,307
CHR2	1064163	CHR2:1064163	SSF x Near_LoA	-9,58862402	0,083	0,309
CHR2	10645806	CHR2:10645806	SSF x Near_LoA	-9,35472465	-0,066	0,296
CHR2	10647620	CHR2:10647620	SSF x Near_LoA	-8,15048919	0,044	0,307
CHR2	10647655	CHR2:10647655	SSF x Near_LoA	-8,97698268	-0,060	0,318
CHR2	10647702	CHR2:10647702	SSF x Near_LoA	-9,23450108	-0,074	0,298
CHR2	10649351	CHR2:10649351	SSF x Near_LoA	-8,29930026	0,069	0,309
CHR2	10649375	CHR2:10649375	SSF x Near_LoA	-8,07884069	0,127	0,301
CHR2	10650925	CHR2:10650925	SSF x Near_LoA	-8,84006124	-0,074	0,301
CHR2	10650981	CHR2:10650981	SSF x Near_LoA	-9,13244003	-0,015	0,306
CHR2	10656959	CHR2:10656959	SSF x Near_LoA	-9,19289339	-0,082	0,309
CHR2	10665846	CHR2:10665846	SSF x Near_LoA	-7,37794052	0,139	0,308
CHR2	10665899	CHR2:10665899	SSF x Near_LoA	-10,7811123	-0,080	0,309
CHR2	10665907	CHR2:10665907	SSF x Near_LoA	-10,5967577	0,117	0,295
CHR2	10665909	CHR2:10665909	SSF x Near_LoA	-6,21659104	-0,062	0,305
CHR2	10667092	CHR2:10667092	SSF x Near_LoA	-8,38330117	-0,006	0,306
CHR2	10667127	CHR2:10667127	SSF x Near_LoA	-10,6736549	-0,016	0,312
CHR2	10667198	CHR2:10667198	SSF x Near_LoA	-10,0909127	-0,065	0,311
CHR2	10671670	CHR2:10671670	SSF x Near_LoA	-8,31376317	-0,028	0,322
CHR2	10688960	CHR2:10688960	SSF x Near_LoA	-9,46744157	-0,104	0,308
CHR2	10689006	CHR2:10689006	SSF x Near_LoA	-9,96191776	-0,049	0,303
CHR2	10689009	CHR2:10689009	SSF x Near_LoA	-8,6256593	0,063	0,313
CHR2	10689103	CHR2:10689103	SSF x Near_LoA	-7,46703767	-0,045	0,312
CHR2	10689714	CHR2:10689714	SSF x Near_LoA	-9,24962743	0,047	0,296
CHR2	10689805	CHR2:10689805	SSF x Near_LoA	-10,274298	0,050	0,304
CHR2	10689813	CHR2:10689813	SSF x Near_LoA	-10,5999701	0,002	0,310
CHR2	10694818	CHR2:10694818	SSF x Near_LoA	-10,8837586	-0,045	0,315
CHR2	10694819	CHR2:10694819	SSF x Near_LoA	-10,4061289	0,034	0,316
CHR2	10694827	CHR2:10694827	SSF x Near_LoA	-11,005213	0,025	0,299
CHR2	10694970	CHR2:10694970	SSF x Near_LoA	-7,79845209	0,151	0,307
CHR2	10694991	CHR2:10694991	SSF x Near_LoA	-11,673841	-0,060	0,315
CHR2	10695007	CHR2:10695007	SSF x Near_LoA	-5,12603193	0,134	0,295
CHR2	10695010	CHR2:10695010	SSF x Near_LoA	-11,7051989	-0,037	0,315
CHR2	10695032	CHR2:10695032	SSF x Near_LoA	-11,4060892	-0,039	0,315
CHR2	10697733	CHR2:10697733	SSF x Near_LoA	-9,67391176	0,013	0,307
CHR2	10698021	CHR2:10698021	SSF x Near_LoA	-10,725362	-0,007	0,305
CHR2	10703985	CHR2:10703985	SSF x Near_LoA	-9,63910455	0,086	0,303
CHR2	10705630	CHR2:10705630	SSF x Near_LoA	-7,44109518	-0,075	0,307
CHR2	10705657	CHR2:10705657	SSF x Near_LoA	-8,30167242	0,112	0,303
CHR2	10705717	CHR2:10705717	SSF x Near_LoA	-8,32122095	0,048	0,305
CHR2	10705718	CHR2:10705718	SSF x Near_LoA	-11,0589513	-0,090	0,299
CHR2	10708634	CHR2:10708634	SSF x Near_LoA	-10,5422033	-0,083	0,305
CHR2	10708665	CHR2:10708665	SSF x Near_LoA	-7,1673793	0,041	0,309
CHR2	10708676	CHR2:10708676	SSF x Near_LoA	-11,8706256	-0,034	0,309
CHR2	10708681	CHR2:10708681	SSF x Near_LoA	-9,4583871	0,025	0,298
CHR2	10708710	CHR2:10708710	SSF x Near_LoA	-10,9541517	-0,065	0,306
CHR2	10710483	CHR2:10710483	SSF x Near_LoA	-8,79270599	0,025	0,309
CHR2	10711217	CHR2:10711217	SSF x Near_LoA	-9,332785	0,061	0,317
CHR2	10721294	CHR2:10721294	SSF x Near_LoA	-8,76404297	0,033	0,305
CHR2	10721620	CHR2:10721620	SSF x Near_LoA	-10,3400524	-0,073	0,305
CHR2	10721690	CHR2:10721690	SSF x Near_LoA	0,58402097	-0,033	0,306
CHR2	10721705	CHR2:10721705	SSF x Near_LoA	-9,72677428	0,030	0,297
CHR2	10740602	CHR2:10740602	SSF x Near_LoA	-8,45110846	0,034	0,305

CHR2	10740678	CHR2:10740678	SSF x Near_LoA	-10,5955725	0,008	0,303
CHR2	10740730	CHR2:10740730	SSF x Near_LoA	-8,78161665	0,022	0,312
CHR2	10740783	CHR2:10740783	SSF x Near_LoA	-9,56945359	-0,039	0,289
CHR2	10740830	CHR2:10740830	SSF x Near_LoA	-6,87039463	-0,095	0,305
CHR2	10740834	CHR2:10740834	SSF x Near_LoA	-11,1081142	0,000	0,317
CHR2	10740840	CHR2:10740840	SSF x Near_LoA	-6,43375695	-0,098	0,323
CHR2	10740901	CHR2:10740901	SSF x Near_LoA	-8,42145389	0,108	0,296
CHR2	10742420	CHR2:10742420	SSF x Near_LoA	-9,53969183	-0,055	0,320
CHR2	10742456	CHR2:10742456	SSF x Near_LoA	-9,12415525	0,050	0,307
CHR2	10742464	CHR2:10742464	SSF x Near_LoA	-10,5463928	-0,026	0,296
CHR2	10742465	CHR2:10742465	SSF x Near_LoA	-7,75983836	0,063	0,312
CHR2	10742775	CHR2:10742775	SSF x Near_LoA	-6,35870439	0,030	0,297
CHR2	10742791	CHR2:10742791	SSF x Near_LoA	-8,3018751	0,008	0,288
CHR2	10742870	CHR2:10742870	SSF x Near_LoA	-11,6978137	0,013	0,302
CHR2	10747589	CHR2:10747589	SSF x Near_LoA	-9,00250172	-0,054	0,308
CHR2	10747621	CHR2:10747621	SSF x Near_LoA	-8,64885852	0,107	0,306
CHR2	10747678	CHR2:10747678	SSF x Near_LoA	-9,45665663	-0,120	0,308
CHR2	10747742	CHR2:10747742	SSF x Near_LoA	-11,2159181	-0,029	0,301
CHR2	10747765	CHR2:10747765	SSF x Near_LoA	-7,99508358	0,121	0,300
CHR2	10747766	CHR2:10747766	SSF x Near_LoA	-10,9237578	-0,020	0,313
CHR2	10747769	CHR2:10747769	SSF x Near_LoA	-8,81936025	-0,125	0,312
CHR2	10747775	CHR2:10747775	SSF x Near_LoA	-9,17056903	-0,035	0,309
CHR2	10747807	CHR2:10747807	SSF x Near_LoA	-8,74522605	-0,146	0,301
CHR2	10762093	CHR2:10762093	SSF x Near_LoA	-10,8010926	-0,124	0,302
CHR2	1076281	CHR2:1076281	SSF x Near_LoA	-9,86012937	0,079	0,307
CHR2	1076300	CHR2:1076300	SSF x Near_LoA	-10,3530383	0,014	0,320
CHR2	1076301	CHR2:1076301	SSF x Near_LoA	-10,5656652	-0,010	0,300
CHR2	1076323	CHR2:1076323	SSF x Near_LoA	-11,4384101	-0,019	0,319
CHR2	1076354	CHR2:1076354	SSF x Near_LoA	-9,70936092	-0,034	0,319
CHR2	1076364	CHR2:1076364	SSF x Near_LoA	-9,3589325	-0,007	0,309
CHR2	10765173	CHR2:10765173	SSF x Near_LoA	-10,3750985	-0,023	0,310
CHR2	10765275	CHR2:10765275	SSF x Near_LoA	-7,13951694	-0,002	0,314
CHR2	10765300	CHR2:10765300	SSF x Near_LoA	-8,02010723	0,040	0,322
CHR2	10768230	CHR2:10768230	SSF x Near_LoA	-9,35567139	-0,023	0,317
CHR2	10768234	CHR2:10768234	SSF x Near_LoA	-1,47213591	-0,056	0,310
CHR2	10768344	CHR2:10768344	SSF x Near_LoA	-7,62387433	0,009	0,316
CHR2	10768535	CHR2:10768535	SSF x Near_LoA	-10,1941611	-0,086	0,304
CHR2	10772730	CHR2:10772730	SSF x Near_LoA	-7,60535593	-0,020	0,309
CHR2	10772748	CHR2:10772748	SSF x Near_LoA	-11,1730926	0,011	0,311
CHR2	10772755	CHR2:10772755	SSF x Near_LoA	-8,21337488	-0,165	0,313
CHR2	10772823	CHR2:10772823	SSF x Near_LoA	-9,86117683	0,040	0,314
CHR2	1077938	CHR2:1077938	SSF x Near_LoA	-5,29690248	0,200	0,294
CHR2	1077939	CHR2:1077939	SSF x Near_LoA	-7,52703609	0,187	0,300
CHR2	10781643	CHR2:10781643	SSF x Near_LoA	-9,04914862	0,101	0,293
CHR2	10781649	CHR2:10781649	SSF x Near_LoA	-9,71233339	0,143	0,314
CHR2	10781658	CHR2:10781658	SSF x Near_LoA	-8,97201849	-0,079	0,311
CHR2	10781698	CHR2:10781698	SSF x Near_LoA	-7,19484894	-0,092	0,316
CHR2	10799473	CHR2:10799473	SSF x Near_LoA	-10,052015	-0,093	0,297
CHR2	10799527	CHR2:10799527	SSF x Near_LoA	-8,56854389	0,062	0,297
CHR2	10799593	CHR2:10799593	SSF x Near_LoA	-7,30637787	-0,088	0,308
CHR2	10802832	CHR2:10802832	SSF x Near_LoA	-8,41344283	0,104	0,298
CHR2	10802833	CHR2:10802833	SSF x Near_LoA	-8,65911231	0,112	0,295
CHR2	10802842	CHR2:10802842	SSF x Near_LoA	-8,87850163	-0,040	0,309

CHR2	10802903	CHR2:10802903	SSF x Near_LoA	-9,27959244	0,099	0,309
CHR2	10803010	CHR2:10803010	SSF x Near_LoA	-10,1959894	-0,026	0,308
CHR2	10810579	CHR2:10810579	SSF x Near_LoA	-8,55687439	0,069	0,301
CHR2	10810589	CHR2:10810589	SSF x Near_LoA	-10,6797466	-0,034	0,314
CHR2	10815212	CHR2:10815212	SSF x Near_LoA	-7,03507821	-0,096	0,319
CHR2	10817394	CHR2:10817394	SSF x Near_LoA	-10,1936733	0,082	0,302
CHR2	10817486	CHR2:10817486	SSF x Near_LoA	0,81137615	0,051	0,303
CHR2	10817499	CHR2:10817499	SSF x Near_LoA	-8,46466436	-0,036	0,298
CHR2	10826293	CHR2:10826293	SSF x Near_LoA	-2,10416406	-0,138	0,299
CHR2	10826379	CHR2:10826379	SSF x Near_LoA	-5,52524567	-0,021	0,294
CHR2	10826422	CHR2:10826422	SSF x Near_LoA	-7,77427079	-0,064	0,309
CHR2	10830185	CHR2:10830185	SSF x Near_LoA	-10,6656078	0,008	0,307
CHR2	10832696	CHR2:10832696	SSF x Near_LoA	-8,87225376	-0,117	0,296
CHR2	10832807	CHR2:10832807	SSF x Near_LoA	-8,28125241	-0,065	0,309
CHR2	10854976	CHR2:10854976	SSF x Near_LoA	-9,34694408	-0,113	0,300
CHR2	10854981	CHR2:10854981	SSF x Near_LoA	-9,17585409	-0,126	0,294
CHR2	10854997	CHR2:10854997	SSF x Near_LoA	-10,0239362	-0,030	0,288
CHR2	10855020	CHR2:10855020	SSF x Near_LoA	-8,85544496	-0,025	0,289
CHR2	10855039	CHR2:10855039	SSF x Near_LoA	-2,0510883	-0,087	0,297
CHR2	10855193	CHR2:10855193	SSF x Near_LoA	-7,60766902	0,003	0,307
CHR2	10869795	CHR2:10869795	SSF x Near_LoA	-8,14262996	0,080	0,298
CHR2	10869803	CHR2:10869803	SSF x Near_LoA	-8,20456952	-0,051	0,291
CHR2	10869819	CHR2:10869819	SSF x Near_LoA	-7,08206195	0,016	0,304
CHR2	10869845	CHR2:10869845	SSF x Near_LoA	-7,4915894	0,031	0,311
CHR2	10869855	CHR2:10869855	SSF x Near_LoA	-3,29895854	0,015	0,305
CHR2	10869917	CHR2:10869917	SSF x Near_LoA	-7,43239748	0,098	0,309
CHR2	10869997	CHR2:10869997	SSF x Near_LoA	-8,80769792	0,085	0,297
CHR2	10870006	CHR2:10870006	SSF x Near_LoA	-9,02475301	0,091	0,291
CHR2	1087293	CHR2:1087293	SSF x Near_LoA	-11,3642709	0,011	0,296
CHR2	1087298	CHR2:1087298	SSF x Near_LoA	-10,4045512	0,023	0,309
CHR2	1087339	CHR2:1087339	SSF x Near_LoA	-10,4570279	-0,020	0,296
CHR2	1087346	CHR2:1087346	SSF x Near_LoA	-11,4210556	0,025	0,313
CHR2	1087359	CHR2:1087359	SSF x Near_LoA	0,07776956	-0,015	0,305
CHR2	1088090	CHR2:1088090	SSF x Near_LoA	-4,47754609	0,034	0,315
CHR2	10884156	CHR2:10884156	SSF x Near_LoA	-8,38478027	-0,163	0,303
CHR2	10884178	CHR2:10884178	SSF x Near_LoA	-10,2700573	-0,002	0,305
CHR2	10884217	CHR2:10884217	SSF x Near_LoA	-7,28371304	0,115	0,306
CHR2	10884239	CHR2:10884239	SSF x Near_LoA	-7,3137791	0,008	0,311
CHR2	10884339	CHR2:10884339	SSF x Near_LoA	-10,8693984	0,033	0,303
CHR2	10886459	CHR2:10886459	SSF x Near_LoA	-8,8105624	-0,109	0,300
CHR2	10886463	CHR2:10886463	SSF x Near_LoA	-1,46214267	0,113	0,307
CHR2	10886476	CHR2:10886476	SSF x Near_LoA	-9,57809012	0,069	0,298
CHR2	10886506	CHR2:10886506	SSF x Near_LoA	-5,15461776	-0,070	0,306
CHR2	10886509	CHR2:10886509	SSF x Near_LoA	-5,7368348	0,183	0,303
CHR2	10886568	CHR2:10886568	SSF x Near_LoA	-7,19361482	0,117	0,309
CHR2	10900456	CHR2:10900456	SSF x Near_LoA	-10,8864289	0,050	0,304
CHR2	10900512	CHR2:10900512	SSF x Near_LoA	-10,9909307	0,013	0,309
CHR2	10904506	CHR2:10904506	SSF x Near_LoA	-9,10497884	0,020	0,310
CHR2	10904992	CHR2:10904992	SSF x Near_LoA	-10,6826245	0,062	0,304
CHR2	10905000	CHR2:10905000	SSF x Near_LoA	-9,73577465	-0,086	0,311
CHR2	10905012	CHR2:10905012	SSF x Near_LoA	-11,4047689	-0,020	0,317
CHR2	10905051	CHR2:10905051	SSF x Near_LoA	-7,99546539	0,033	0,305
CHR2	10905088	CHR2:10905088	SSF x Near_LoA	-11,6333116	0,081	0,309

CHR2	10913803	CHR2:10913803	SSF x Near_LoA	-8,23845507	0,045	0,305
CHR2	10913816	CHR2:10913816	SSF x Near_LoA	-8,72475789	0,087	0,310
CHR2	10913921	CHR2:10913921	SSF x Near_LoA	-8,63662546	0,075	0,308
CHR2	10913938	CHR2:10913938	SSF x Near_LoA	-8,5118607	0,020	0,317
CHR2	10913974	CHR2:10913974	SSF x Near_LoA	-11,3477576	-0,002	0,300
CHR2	10914014	CHR2:10914014	SSF x Near_LoA	-8,92526332	0,001	0,321
CHR2	10914055	CHR2:10914055	SSF x Near_LoA	-11,6039803	0,050	0,308
CHR2	10933192	CHR2:10933192	SSF x Near_LoA	-9,80109404	0,037	0,311
CHR2	10933216	CHR2:10933216	SSF x Near_LoA	-11,9265061	-0,064	0,300
CHR2	10933303	CHR2:10933303	SSF x Near_LoA	-9,74244104	0,057	0,300
CHR2	10933317	CHR2:10933317	SSF x Near_LoA	-10,0100545	0,000	0,313
CHR2	10933359	CHR2:10933359	SSF x Near_LoA	-7,92028914	0,013	0,303
CHR2	10936990	CHR2:10936990	SSF x Near_LoA	-10,1084102	-0,150	0,296
CHR2	10936991	CHR2:10936991	SSF x Near_LoA	-9,85844821	-0,150	0,301
CHR2	10936999	CHR2:10936999	SSF x Near_LoA	-9,4500388	-0,163	0,300
CHR2	10937022	CHR2:10937022	SSF x Near_LoA	-5,94196835	-0,159	0,295
CHR2	10937031	CHR2:10937031	SSF x Near_LoA	-8,24586287	-0,088	0,302
CHR2	10937041	CHR2:10937041	SSF x Near_LoA	-5,15593615	0,103	0,309
CHR2	10937332	CHR2:10937332	SSF x Near_LoA	-9,49439144	0,002	0,318
CHR2	10939371	CHR2:10939371	SSF x Near_LoA	-8,38218958	-0,041	0,306
CHR2	10939428	CHR2:10939428	SSF x Near_LoA	-6,98092103	-0,056	0,322
CHR2	10939504	CHR2:10939504	SSF x Near_LoA	-8,93409939	-0,062	0,313
CHR2	10944372	CHR2:10944372	SSF x Near_LoA	-8,75555738	0,040	0,306
CHR2	10961636	CHR2:10961636	SSF x Near_LoA	-7,02613004	0,010	0,303
CHR2	10972022	CHR2:10972022	SSF x Near_LoA	-8,49464082	-0,009	0,311
CHR2	10972081	CHR2:10972081	SSF x Near_LoA	-8,36247827	0,033	0,305
CHR2	10972208	CHR2:10972208	SSF x Near_LoA	-11,7334415	-0,005	0,307
CHR2	10976383	CHR2:10976383	SSF x Near_LoA	-10,3894884	0,047	0,299
CHR2	10976512	CHR2:10976512	SSF x Near_LoA	-11,6420909	-0,012	0,313
CHR2	10985601	CHR2:10985601	SSF x Near_LoA	-9,95277783	0,059	0,292
CHR2	10985609	CHR2:10985609	SSF x Near_LoA	-10,2897766	-0,122	0,307
CHR2	10985764	CHR2:10985764	SSF x Near_LoA	-10,7237217	0,110	0,303
CHR2	10985807	CHR2:10985807	SSF x Near_LoA	-10,1226091	0,015	0,300
CHR2	10985821	CHR2:10985821	SSF x Near_LoA	-9,16459556	0,025	0,297
CHR2	10989021	CHR2:10989021	SSF x Near_LoA	-11,5573123	0,120	0,300
CHR2	10989078	CHR2:10989078	SSF x Near_LoA	-11,13554	-0,029	0,303
CHR2	10996483	CHR2:10996483	SSF x Near_LoA	-4,9924986	0,165	0,297
CHR2	10996493	CHR2:10996493	SSF x Near_LoA	-6,13066204	0,158	0,294
CHR2	10996573	CHR2:10996573	SSF x Near_LoA	-8,31176701	-0,061	0,311
CHR2	10998751	CHR2:10998751	SSF x Near_LoA	-11,0486662	0,017	0,314
CHR2	10998780	CHR2:10998780	SSF x Near_LoA	-11,777397	-0,006	0,305
CHR2	10998824	CHR2:10998824	SSF x Near_LoA	-8,191284	0,093	0,315
CHR2	11004700	CHR2:11004700	SSF x Near_LoA	-9,43814074	0,162	0,306
CHR2	11004776	CHR2:11004776	SSF x Near_LoA	-7,22741406	0,028	0,309
CHR2	11004784	CHR2:11004784	SSF x Near_LoA	-4,91035316	0,103	0,305
CHR2	11004813	CHR2:11004813	SSF x Near_LoA	-9,97191464	-0,085	0,294
CHR2	11004838	CHR2:11004838	SSF x Near_LoA	-6,71562603	0,124	0,284
CHR2	11015560	CHR2:11015560	SSF x Near_LoA	-9,47146313	-0,034	0,315
CHR2	11015625	CHR2:11015625	SSF x Near_LoA	-4,4980152	0,084	0,311
CHR2	11015640	CHR2:11015640	SSF x Near_LoA	-11,0062357	-0,025	0,307
CHR2	11015658	CHR2:11015658	SSF x Near_LoA	-7,84421635	-0,129	0,313
CHR2	1101765	CHR2:1101765	SSF x Near_LoA	-8,13815591	-0,032	0,310
CHR2	1101880	CHR2:1101880	SSF x Near_LoA	-9,73345813	-0,015	0,320

CHR2	1101895	CHR2:1101895	SSF x Near_LoA	-10,8677211	-0,079	0,303
CHR2	11022789	CHR2:11022789	SSF x Near_LoA	-9,78142847	-0,042	0,299
CHR2	11022837	CHR2:11022837	SSF x Near_LoA	-9,44270107	0,047	0,302
CHR2	11022867	CHR2:11022867	SSF x Near_LoA	-11,0664027	0,018	0,299
CHR2	11026828	CHR2:11026828	SSF x Near_LoA	-9,23098746	0,053	0,309
CHR2	11026846	CHR2:11026846	SSF x Near_LoA	-8,97461519	-0,015	0,319
CHR2	11026991	CHR2:11026991	SSF x Near_LoA	-10,8639545	0,007	0,307
CHR2	11033272	CHR2:11033272	SSF x Near_LoA	-6,63713089	0,091	0,293
CHR2	11033404	CHR2:11033404	SSF x Near_LoA	-8,98032632	0,023	0,313
CHR2	11033409	CHR2:11033409	SSF x Near_LoA	-10,9787801	-0,015	0,313
CHR2	11033416	CHR2:11033416	SSF x Near_LoA	-8,47341431	-0,146	0,309
CHR2	11033452	CHR2:11033452	SSF x Near_LoA	-6,98024495	0,135	0,306
CHR2	11035909	CHR2:11035909	SSF x Near_LoA	-7,83214806	-0,100	0,309
CHR2	11035953	CHR2:11035953	SSF x Near_LoA	-10,6355449	0,000	0,306
CHR2	11035970	CHR2:11035970	SSF x Near_LoA	-4,44361281	-0,171	0,286
CHR2	11036088	CHR2:11036088	SSF x Near_LoA	-9,5223899	-0,036	0,317
CHR2	11036099	CHR2:11036099	SSF x Near_LoA	-10,3530257	-0,113	0,298
CHR2	11036138	CHR2:11036138	SSF x Near_LoA	-8,78584507	-0,031	0,321
CHR2	11042509	CHR2:11042509	SSF x Near_LoA	-10,052673	0,059	0,311
CHR2	11042547	CHR2:11042547	SSF x Near_LoA	-8,40230483	-0,080	0,309
CHR2	11042548	CHR2:11042548	SSF x Near_LoA	-9,63782225	-0,003	0,299
CHR2	11044079	CHR2:11044079	SSF x Near_LoA	-7,2934564	0,032	0,317
CHR2	11044122	CHR2:11044122	SSF x Near_LoA	-9,7549408	-0,124	0,310
CHR2	11044126	CHR2:11044126	SSF x Near_LoA	-9,00464283	0,020	0,311
CHR2	11044561	CHR2:11044561	SSF x Near_LoA	-8,18590107	-0,106	0,307
CHR2	1105445	CHR2:1105445	SSF x Near_LoA	-8,21675141	-0,033	0,312
CHR2	1105465	CHR2:1105465	SSF x Near_LoA	-5,9990009	-0,108	0,292
CHR2	11059534	CHR2:11059534	SSF x Near_LoA	-7,92161907	-0,082	0,304
CHR2	11059718	CHR2:11059718	SSF x Near_LoA	-6,52139662	-0,075	0,315
CHR2	11059747	CHR2:11059747	SSF x Near_LoA	-10,8881674	0,012	0,312
CHR2	11066363	CHR2:11066363	SSF x Near_LoA	-9,6635302	-0,095	0,306
CHR2	11066484	CHR2:11066484	SSF x Near_LoA	-8,48739012	0,009	0,322
CHR2	11066491	CHR2:11066491	SSF x Near_LoA	-9,12508385	0,032	0,312
CHR2	11066537	CHR2:11066537	SSF x Near_LoA	-9,82444711	0,005	0,316
CHR2	11066549	CHR2:11066549	SSF x Near_LoA	-11,2234317	-0,029	0,313
CHR2	11069115	CHR2:11069115	SSF x Near_LoA	-9,8236102	0,067	0,306
CHR2	11069117	CHR2:11069117	SSF x Near_LoA	-10,3117255	-0,098	0,305
CHR2	11069270	CHR2:11069270	SSF x Near_LoA	-7,86044023	0,040	0,303
CHR2	11069281	CHR2:11069281	SSF x Near_LoA	-9,02412015	-0,054	0,324
CHR2	11069302	CHR2:11069302	SSF x Near_LoA	-8,7596878	0,074	0,302
CHR2	11069324	CHR2:11069324	SSF x Near_LoA	-6,39525236	-0,112	0,303
CHR2	11070852	CHR2:11070852	SSF x Near_LoA	-9,35289897	0,022	0,315
CHR2	11071894	CHR2:11071894	SSF x Near_LoA	-10,4381789	0,038	0,301
CHR2	11071899	CHR2:11071899	SSF x Near_LoA	-8,30093622	-0,027	0,312
CHR2	11073160	CHR2:11073160	SSF x Near_LoA	-0,61972585	0,154	0,312
CHR2	11077563	CHR2:11077563	SSF x Near_LoA	-9,1951462	-0,037	0,297
CHR2	11077565	CHR2:11077565	SSF x Near_LoA	-10,5296801	-0,005	0,317
CHR2	11077603	CHR2:11077603	SSF x Near_LoA	-5,47915882	0,136	0,300
CHR2	11077606	CHR2:11077606	SSF x Near_LoA	-7,28548235	0,060	0,302
CHR2	11077627	CHR2:11077627	SSF x Near_LoA	-8,74943051	-0,035	0,309
CHR2	11077628	CHR2:11077628	SSF x Near_LoA	-9,24172293	0,008	0,306
CHR2	11077640	CHR2:11077640	SSF x Near_LoA	-8,86276704	-0,039	0,301
CHR2	11077708	CHR2:11077708	SSF x Near_LoA	-11,2637608	-0,016	0,317

CHR2	11077735	CHR2:11077735	SSF x Near_LoA	-10,2664185	-0,064	0,318
CHR2	11077788	CHR2:11077788	SSF x Near_LoA	-5,55791247	-0,048	0,308
CHR2	11077876	CHR2:11077876	SSF x Near_LoA	-7,67779323	-0,054	0,301
CHR2	11077883	CHR2:11077883	SSF x Near_LoA	-9,01359697	-0,007	0,320
CHR2	1108016	CHR2:1108016	SSF x Near_LoA	-7,1506709	0,076	0,318
CHR2	1108069	CHR2:1108069	SSF x Near_LoA	-8,47738669	-0,055	0,308
CHR2	1108105	CHR2:1108105	SSF x Near_LoA	-6,2793164	-0,152	0,307
CHR2	11098693	CHR2:11098693	SSF x Near_LoA	-9,34067435	-0,048	0,302
CHR2	11098697	CHR2:11098697	SSF x Near_LoA	-9,23822318	0,078	0,299
CHR2	11098702	CHR2:11098702	SSF x Near_LoA	-11,0303459	-0,014	0,318
CHR2	11103927	CHR2:11103927	SSF x Near_LoA	-11,1657144	-0,022	0,328
CHR2	11108716	CHR2:11108716	SSF x Near_LoA	-7,64037166	0,103	0,313
CHR2	11108756	CHR2:11108756	SSF x Near_LoA	-8,47685593	0,041	0,302
CHR2	11108786	CHR2:11108786	SSF x Near_LoA	-8,83203966	-0,057	0,305
CHR2	11108792	CHR2:11108792	SSF x Near_LoA	-8,20667574	-0,114	0,308
CHR2	11108795	CHR2:11108795	SSF x Near_LoA	-9,55246261	0,121	0,302
CHR2	11108883	CHR2:11108883	SSF x Near_LoA	-10,2816524	-0,012	0,316
CHR2	11108896	CHR2:11108896	SSF x Near_LoA	-7,62138719	0,024	0,314
CHR2	11117715	CHR2:11117715	SSF x Near_LoA	-9,08320889	0,125	0,308
CHR2	11119383	CHR2:11119383	SSF x Near_LoA	-9,58786475	0,051	0,290
CHR2	11119409	CHR2:11119409	SSF x Near_LoA	-9,718457	-0,103	0,307
CHR2	11122848	CHR2:11122848	SSF x Near_LoA	-10,6595788	0,112	0,308
CHR2	11129079	CHR2:11129079	SSF x Near_LoA	-9,3032975	-0,035	0,284
CHR2	11129094	CHR2:11129094	SSF x Near_LoA	-8,92351753	-0,083	0,315
CHR2	11129098	CHR2:11129098	SSF x Near_LoA	-6,15019472	-0,157	0,296
CHR2	11129099	CHR2:11129099	SSF x Near_LoA	-4,59731161	-0,164	0,288
CHR2	11129103	CHR2:11129103	SSF x Near_LoA	-8,41276402	-0,056	0,325
CHR2	11129124	CHR2:11129124	SSF x Near_LoA	-10,4083208	-0,065	0,314
CHR2	11129183	CHR2:11129183	SSF x Near_LoA	-9,32517923	0,081	0,307
CHR2	11133846	CHR2:11133846	SSF x Near_LoA	-10,7618588	-0,090	0,310
CHR2	11133894	CHR2:11133894	SSF x Near_LoA	-10,6015108	-0,088	0,295
CHR2	11134114	CHR2:11134114	SSF x Near_LoA	-9,90965313	0,079	0,286
CHR2	11138038	CHR2:11138038	SSF x Near_LoA	-9,64336087	-0,074	0,309
CHR2	11138106	CHR2:11138106	SSF x Near_LoA	-12,1498966	0,115	0,301
CHR2	11138136	CHR2:11138136	SSF x Near_LoA	-7,75787781	0,098	0,308
CHR2	11139819	CHR2:11139819	SSF x Near_LoA	-9,70239615	0,157	0,300
CHR2	11139837	CHR2:11139837	SSF x Near_LoA	-9,76592689	0,123	0,305
CHR2	11139871	CHR2:11139871	SSF x Near_LoA	-9,2588348	-0,069	0,305
CHR2	11139931	CHR2:11139931	SSF x Near_LoA	-9,59257288	0,175	0,294
CHR2	11140049	CHR2:11140049	SSF x Near_LoA	-11,2443463	0,038	0,321
CHR2	11148654	CHR2:11148654	SSF x Near_LoA	-7,30128155	0,087	0,308
CHR2	11154304	CHR2:11154304	SSF x Near_LoA	-9,73688845	0,107	0,310
CHR2	11164195	CHR2:11164195	SSF x Near_LoA	-6,34677835	-0,133	0,296
CHR2	11165293	CHR2:11165293	SSF x Near_LoA	-7,90459578	-0,035	0,308
CHR2	11169333	CHR2:11169333	SSF x Near_LoA	-3,58794399	0,148	0,297
CHR2	11169371	CHR2:11169371	SSF x Near_LoA	-6,08226764	0,072	0,310
CHR2	11169383	CHR2:11169383	SSF x Near_LoA	-7,92822258	-0,004	0,310
CHR2	11169402	CHR2:11169402	SSF x Near_LoA	-6,14700721	-0,060	0,322
CHR2	11169572	CHR2:11169572	SSF x Near_LoA	-10,2644759	-0,055	0,316
CHR2	11170922	CHR2:11170922	SSF x Near_LoA	-10,8168217	-0,062	0,301
CHR2	11170984	CHR2:11170984	SSF x Near_LoA	-9,6366249	0,041	0,296
CHR2	11171746	CHR2:11171746	SSF x Near_LoA	-12,4099916	-0,015	0,302
CHR2	11174808	CHR2:11174808	SSF x Near_LoA	-9,01077436	-0,069	0,302

CHR2	11179979	CHR2:11179979	SSF x Near_LoA	-5,95506435	0,139	0,314
CHR2	11179996	CHR2:11179996	SSF x Near_LoA	-7,27101702	0,150	0,295
CHR2	11180079	CHR2:11180079	SSF x Near_LoA	-4,70235407	0,155	0,320
CHR2	11185156	CHR2:11185156	SSF x Near_LoA	-6,40880701	0,067	0,328
CHR2	11185179	CHR2:11185179	SSF x Near_LoA	-3,81372784	0,069	0,304
CHR2	11185188	CHR2:11185188	SSF x Near_LoA	-9,08944219	-0,013	0,319
CHR2	11185232	CHR2:11185232	SSF x Near_LoA	-11,3992001	-0,037	0,310
CHR2	11185586	CHR2:11185586	SSF x Near_LoA	-9,25334873	0,008	0,308
CHR2	1118836	CHR2:1118836	SSF x Near_LoA	5,71803903	0,252	0,276
CHR2	1119096	CHR2:1119096	SSF x Near_LoA	-8,64479673	-0,104	0,315
CHR2	11194740	CHR2:11194740	SSF x Near_LoA	-10,4537407	0,007	0,308
CHR2	11194769	CHR2:11194769	SSF x Near_LoA	-7,98272173	0,007	0,306
CHR2	11195225	CHR2:11195225	SSF x Near_LoA	-4,93790511	0,103	0,306
CHR2	11195323	CHR2:11195323	SSF x Near_LoA	-10,0423571	-0,025	0,309
CHR2	1119751	CHR2:1119751	SSF x Near_LoA	-10,8570523	0,030	0,310
CHR2	11198054	CHR2:11198054	SSF x Near_LoA	-9,5945608	-0,135	0,293
CHR2	11198091	CHR2:11198091	SSF x Near_LoA	-8,45193397	0,113	0,308
CHR2	11202938	CHR2:11202938	SSF x Near_LoA	-8,04285064	-0,083	0,312
CHR2	11213935	CHR2:11213935	SSF x Near_LoA	-11,2798354	-0,035	0,303
CHR2	11214029	CHR2:11214029	SSF x Near_LoA	-9,31686491	0,047	0,301
CHR2	11214137	CHR2:11214137	SSF x Near_LoA	-9,72453854	0,035	0,311
CHR2	11214155	CHR2:11214155	SSF x Near_LoA	-11,7195821	0,015	0,298
CHR2	11214254	CHR2:11214254	SSF x Near_LoA	-6,52316323	-0,088	0,300
CHR2	11219734	CHR2:11219734	SSF x Near_LoA	-8,98566255	-0,079	0,305
CHR2	11219751	CHR2:11219751	SSF x Near_LoA	-8,78693174	0,085	0,311
CHR2	11219769	CHR2:11219769	SSF x Near_LoA	-7,41453063	-0,189	0,300
CHR2	11233856	CHR2:11233856	SSF x Near_LoA	-9,39083297	0,041	0,295
CHR2	11233880	CHR2:11233880	SSF x Near_LoA	-8,06714833	0,068	0,292
CHR2	11234934	CHR2:11234934	SSF x Near_LoA	-8,0445234	-0,089	0,307
CHR2	11234935	CHR2:11234935	SSF x Near_LoA	-8,12068763	0,080	0,309
CHR2	11237241	CHR2:11237241	SSF x Near_LoA	-10,5726055	0,074	0,303
CHR2	11237291	CHR2:11237291	SSF x Near_LoA	-9,23076416	0,028	0,312
CHR2	11237322	CHR2:11237322	SSF x Near_LoA	-8,41533878	-0,079	0,304
CHR2	11250031	CHR2:11250031	SSF x Near_LoA	-11,0769392	-0,004	0,305
CHR2	11250150	CHR2:11250150	SSF x Near_LoA	-10,3848445	-0,041	0,307
CHR2	11250156	CHR2:11250156	SSF x Near_LoA	-9,30612233	0,058	0,297
CHR2	11250183	CHR2:11250183	SSF x Near_LoA	-10,5127641	0,054	0,294
CHR2	11250294	CHR2:11250294	SSF x Near_LoA	-8,58481256	0,078	0,301
CHR2	11250308	CHR2:11250308	SSF x Near_LoA	-10,0487279	0,001	0,304
CHR2	11265045	CHR2:11265045	SSF x Near_LoA	-7,75186155	0,093	0,308
CHR2	11265109	CHR2:11265109	SSF x Near_LoA	-9,12028076	0,013	0,315
CHR2	11265155	CHR2:11265155	SSF x Near_LoA	-8,61709156	0,030	0,312
CHR2	11265156	CHR2:11265156	SSF x Near_LoA	-11,5627314	0,022	0,311
CHR2	11265188	CHR2:11265188	SSF x Near_LoA	-8,78194258	0,040	0,305
CHR2	11277149	CHR2:11277149	SSF x Near_LoA	-5,88472608	-0,155	0,307
CHR2	11282362	CHR2:11282362	SSF x Near_LoA	-3,91786922	0,061	0,306
CHR2	11282372	CHR2:11282372	SSF x Near_LoA	-9,18781748	-0,066	0,294
CHR2	11282467	CHR2:11282467	SSF x Near_LoA	-8,13008884	-0,083	0,316
CHR2	11285174	CHR2:11285174	SSF x Near_LoA	-11,5462619	-0,004	0,308
CHR2	11285402	CHR2:11285402	SSF x Near_LoA	-9,9854679	-0,029	0,312
CHR2	11285445	CHR2:11285445	SSF x Near_LoA	-9,70856418	0,019	0,307
CHR2	11291428	CHR2:11291428	SSF x Near_LoA	-10,5546768	0,023	0,315
CHR2	11291432	CHR2:11291432	SSF x Near_LoA	-10,2853359	-0,072	0,303

CHR2	11291469	CHR2:11291469	SSF x Near_LoA	-10,8279271	-0,008	0,296
CHR2	11295589	CHR2:11295589	SSF x Near_LoA	-7,43087745	-0,019	0,318
CHR2	11295778	CHR2:11295778	SSF x Near_LoA	-8,09170982	-0,076	0,311
CHR2	11320161	CHR2:11320161	SSF x Near_LoA	-10,5558331	0,000	0,307
CHR2	11324980	CHR2:11324980	SSF x Near_LoA	-8,7285757	0,095	0,304
CHR2	11325048	CHR2:11325048	SSF x Near_LoA	-10,2372548	-0,008	0,295
CHR2	11333506	CHR2:11333506	SSF x Near_LoA	-8,61951123	0,023	0,321
CHR2	11333518	CHR2:11333518	SSF x Near_LoA	-7,02967734	-0,026	0,309
CHR2	11333519	CHR2:11333519	SSF x Near_LoA	-7,50494641	0,008	0,312
CHR2	11333520	CHR2:11333520	SSF x Near_LoA	-7,01871119	-0,038	0,305
CHR2	11333796	CHR2:11333796	SSF x Near_LoA	-8,84365414	-0,021	0,312
CHR2	11333805	CHR2:11333805	SSF x Near_LoA	-11,1211516	-0,002	0,298
CHR2	11348349	CHR2:11348349	SSF x Near_LoA	-8,62661766	0,028	0,316
CHR2	11348434	CHR2:11348434	SSF x Near_LoA	-7,00277998	-0,014	0,318
CHR2	11348447	CHR2:11348447	SSF x Near_LoA	-6,38198712	-0,064	0,305
CHR2	11351270	CHR2:11351270	SSF x Near_LoA	-10,5150897	0,023	0,312
CHR2	11351315	CHR2:11351315	SSF x Near_LoA	-10,4437505	-0,062	0,314
CHR2	11351380	CHR2:11351380	SSF x Near_LoA	-9,03610706	-0,094	0,304
CHR2	11351391	CHR2:11351391	SSF x Near_LoA	-10,1451151	0,058	0,317
CHR2	11353146	CHR2:11353146	SSF x Near_LoA	-3,25983109	-0,102	0,300
CHR2	11353163	CHR2:11353163	SSF x Near_LoA	2,31114895	-0,113	0,291
CHR2	11355811	CHR2:11355811	SSF x Near_LoA	-8,35671341	0,041	0,310
CHR2	11355842	CHR2:11355842	SSF x Near_LoA	-10,0802041	0,007	0,318
CHR2	11355896	CHR2:11355896	SSF x Near_LoA	-11,2724017	0,032	0,303
CHR2	11356677	CHR2:11356677	SSF x Near_LoA	-8,61005908	-0,073	0,307
CHR2	11356733	CHR2:11356733	SSF x Near_LoA	-7,73597425	0,039	0,305
CHR2	1136391	CHR2:1136391	SSF x Near_LoA	-10,6374079	-0,023	0,306
CHR2	11364885	CHR2:11364885	SSF x Near_LoA	-9,23975585	-0,017	0,320
CHR2	11364903	CHR2:11364903	SSF x Near_LoA	-10,3371538	0,035	0,326
CHR2	1136491	CHR2:1136491	SSF x Near_LoA	-8,01072912	-0,088	0,303
CHR2	11364950	CHR2:11364950	SSF x Near_LoA	-6,45891088	-0,138	0,307
CHR2	11364965	CHR2:11364965	SSF x Near_LoA	-10,4882344	-0,093	0,278
CHR2	11364979	CHR2:11364979	SSF x Near_LoA	-11,5601851	-0,041	0,303
CHR2	11365084	CHR2:11365084	SSF x Near_LoA	-8,47203929	-0,063	0,300
CHR2	11366854	CHR2:11366854	SSF x Near_LoA	-9,1677257	0,037	0,327
CHR2	11366882	CHR2:11366882	SSF x Near_LoA	-8,31429851	0,095	0,314
CHR2	11366892	CHR2:11366892	SSF x Near_LoA	-8,30460105	0,128	0,314
CHR2	11366915	CHR2:11366915	SSF x Near_LoA	-9,2297381	0,069	0,320
CHR2	11366916	CHR2:11366916	SSF x Near_LoA	-4,23736266	0,088	0,302
CHR2	11373384	CHR2:11373384	SSF x Near_LoA	-9,57473752	0,045	0,303
CHR2	11373444	CHR2:11373444	SSF x Near_LoA	-10,97187	0,060	0,300
CHR2	11373502	CHR2:11373502	SSF x Near_LoA	-10,6729878	-0,018	0,305
CHR2	11385137	CHR2:11385137	SSF x Near_LoA	-6,03637116	0,144	0,310
CHR2	11385185	CHR2:11385185	SSF x Near_LoA	-7,8157633	0,169	0,300
CHR2	11385226	CHR2:11385226	SSF x Near_LoA	-11,2067374	0,090	0,308
CHR2	11395135	CHR2:11395135	SSF x Near_LoA	-7,45037602	-0,047	0,316
CHR2	11395138	CHR2:11395138	SSF x Near_LoA	-11,1311422	0,029	0,309
CHR2	11404498	CHR2:11404498	SSF x Near_LoA	-11,6910409	0,010	0,302
CHR2	11404509	CHR2:11404509	SSF x Near_LoA	-6,67486327	0,021	0,312
CHR2	1140468	CHR2:1140468	SSF x Near_LoA	-8,94184338	-0,080	0,315
CHR2	11408382	CHR2:11408382	SSF x Near_LoA	-10,5821843	-0,081	0,312
CHR2	11408480	CHR2:11408480	SSF x Near_LoA	-8,84386942	-0,009	0,298
CHR2	11408498	CHR2:11408498	SSF x Near_LoA	-8,61893727	-0,057	0,310

CHR2	11412498	CHR2:11412498	SSF x Near_LoA	-8,57085921	0,142	0,303
CHR2	11412576	CHR2:11412576	SSF x Near_LoA	-9,45801079	-0,036	0,290
CHR2	11414980	CHR2:11414980	SSF x Near_LoA	-9,29016895	-0,099	0,311
CHR2	11414994	CHR2:11414994	SSF x Near_LoA	-9,1030406	-0,009	0,311
CHR2	11434654	CHR2:11434654	SSF x Near_LoA	-6,43892969	-0,184	0,306
CHR2	11434662	CHR2:11434662	SSF x Near_LoA	-2,20507314	-0,170	0,296
CHR2	11434698	CHR2:11434698	SSF x Near_LoA	-8,52538066	-0,135	0,286
CHR2	11434707	CHR2:11434707	SSF x Near_LoA	-8,18214438	-0,092	0,307
CHR2	11434758	CHR2:11434758	SSF x Near_LoA	-6,91440483	0,131	0,315
CHR2	11434776	CHR2:11434776	SSF x Near_LoA	-9,19520484	-0,023	0,326
CHR2	11434843	CHR2:11434843	SSF x Near_LoA	-8,65148774	-0,142	0,317
CHR2	1143628	CHR2:1143628	SSF x Near_LoA	-7,02966975	-0,119	0,314
CHR2	1143723	CHR2:1143723	SSF x Near_LoA	-6,62358953	0,071	0,312
CHR2	11469436	CHR2:11469436	SSF x Near_LoA	-8,33476562	-0,002	0,305
CHR2	11469451	CHR2:11469451	SSF x Near_LoA	-8,47779449	-0,044	0,311
CHR2	11469488	CHR2:11469488	SSF x Near_LoA	-7,43434346	-0,031	0,321
CHR2	1147366	CHR2:1147366	SSF x Near_LoA	-9,92623922	0,041	0,300
CHR2	1147440	CHR2:1147440	SSF x Near_LoA	-10,477179	-0,056	0,311
CHR2	1147446	CHR2:1147446	SSF x Near_LoA	-9,72589681	-0,059	0,306
CHR2	1147477	CHR2:1147477	SSF x Near_LoA	-9,49410187	-0,001	0,316
CHR2	1147485	CHR2:1147485	SSF x Near_LoA	-10,1597522	0,024	0,302
CHR2	1147579	CHR2:1147579	SSF x Near_LoA	-10,4143898	0,103	0,307
CHR2	11483689	CHR2:11483689	SSF x Near_LoA	-10,2250431	0,029	0,306
CHR2	11484834	CHR2:11484834	SSF x Near_LoA	-10,8260543	0,014	0,320
CHR2	11489319	CHR2:11489319	SSF x Near_LoA	-0,16259264	-0,266	0,306
CHR2	11489382	CHR2:11489382	SSF x Near_LoA	-9,04066662	0,127	0,309
CHR2	11489388	CHR2:11489388	SSF x Near_LoA	-7,32889166	-0,146	0,295
CHR2	11489654	CHR2:11489654	SSF x Near_LoA	-8,51960894	-0,068	0,307
CHR2	11498209	CHR2:11498209	SSF x Near_LoA	-8,82759885	0,033	0,319
CHR2	11498228	CHR2:11498228	SSF x Near_LoA	-9,13377483	0,007	0,305
CHR2	11498268	CHR2:11498268	SSF x Near_LoA	-10,528783	0,044	0,314
CHR2	11498289	CHR2:11498289	SSF x Near_LoA	-7,84846436	-0,059	0,308
CHR2	11498348	CHR2:11498348	SSF x Near_LoA	-8,52889248	-0,074	0,305
CHR2	11498380	CHR2:11498380	SSF x Near_LoA	-10,2374825	0,053	0,306
CHR2	11498507	CHR2:11498507	SSF x Near_LoA	-8,98109183	0,056	0,318
CHR2	11498511	CHR2:11498511	SSF x Near_LoA	-9,74321353	0,054	0,303
CHR2	11498527	CHR2:11498527	SSF x Near_LoA	-10,2802653	-0,087	0,300
CHR2	11502950	CHR2:11502950	SSF x Near_LoA	-10,5951196	-0,021	0,312
CHR2	11502957	CHR2:11502957	SSF x Near_LoA	-9,38966437	-0,054	0,306
CHR2	11502980	CHR2:11502980	SSF x Near_LoA	-8,26689115	-0,043	0,306
CHR2	11502988	CHR2:11502988	SSF x Near_LoA	-11,6258289	0,002	0,292
CHR2	11502990	CHR2:11502990	SSF x Near_LoA	-9,56168944	-0,100	0,312
CHR2	11502995	CHR2:11502995	SSF x Near_LoA	-10,7422363	-0,076	0,307
CHR2	11503081	CHR2:11503081	SSF x Near_LoA	-11,7489231	0,010	0,307
CHR2	11503181	CHR2:11503181	SSF x Near_LoA	-10,3862561	0,048	0,307
CHR2	11512999	CHR2:11512999	SSF x Near_LoA	-5,60251548	-0,191	0,293
CHR2	11513006	CHR2:11513006	SSF x Near_LoA	-5,85299838	0,054	0,300
CHR2	11513012	CHR2:11513012	SSF x Near_LoA	-8,45988003	0,055	0,301
CHR2	11513165	CHR2:11513165	SSF x Near_LoA	-8,64824715	-0,092	0,305
CHR2	11513182	CHR2:11513182	SSF x Near_LoA	-10,050849	0,092	0,316
CHR2	11513220	CHR2:11513220	SSF x Near_LoA	-10,2946951	-0,115	0,300
CHR2	11513226	CHR2:11513226	SSF x Near_LoA	-10,2908042	-0,088	0,302
CHR2	11513228	CHR2:11513228	SSF x Near_LoA	-9,58809639	0,089	0,294

CHR2	11513256	CHR2:11513256	SSF x Near_LoA	-7,88417561	-0,107	0,303
CHR2	11523257	CHR2:11523257	SSF x Near_LoA	-8,56874526	-0,040	0,313
CHR2	11523268	CHR2:11523268	SSF x Near_LoA	-5,482947	-0,044	0,314
CHR2	11523279	CHR2:11523279	SSF x Near_LoA	-8,79469801	0,035	0,315
CHR2	11523333	CHR2:11523333	SSF x Near_LoA	-9,49147006	0,006	0,320
CHR2	11523376	CHR2:11523376	SSF x Near_LoA	-9,58786692	0,034	0,306
CHR2	11524470	CHR2:11524470	SSF x Near_LoA	-9,71917354	-0,008	0,305
CHR2	11532915	CHR2:11532915	SSF x Near_LoA	-10,6242522	0,054	0,289
CHR2	11532922	CHR2:11532922	SSF x Near_LoA	-9,54079489	-0,010	0,304
CHR2	11532933	CHR2:11532933	SSF x Near_LoA	-8,82671246	-0,017	0,305
CHR2	11532970	CHR2:11532970	SSF x Near_LoA	-10,8340735	-0,024	0,305
CHR2	11533000	CHR2:11533000	SSF x Near_LoA	-7,07858436	0,023	0,304
CHR2	11533042	CHR2:11533042	SSF x Near_LoA	-8,43275344	0,020	0,314
CHR2	11533061	CHR2:11533061	SSF x Near_LoA	-10,8623974	-0,026	0,304
CHR2	11540538	CHR2:11540538	SSF x Near_LoA	-5,28717676	-0,029	0,290
CHR2	11540623	CHR2:11540623	SSF x Near_LoA	-10,6255977	0,066	0,307
CHR2	11543088	CHR2:11543088	SSF x Near_LoA	-10,6325438	0,047	0,293
CHR2	11543129	CHR2:11543129	SSF x Near_LoA	-8,62489999	0,096	0,306
CHR2	11543140	CHR2:11543140	SSF x Near_LoA	-9,30891443	-0,027	0,304
CHR2	11543291	CHR2:11543291	SSF x Near_LoA	-10,7921604	0,066	0,303
CHR2	11543445	CHR2:11543445	SSF x Near_LoA	-10,4547782	-0,038	0,317
CHR2	11549784	CHR2:11549784	SSF x Near_LoA	-7,24164928	-0,094	0,292
CHR2	11549866	CHR2:11549866	SSF x Near_LoA	-6,90566577	-0,102	0,318
CHR2	11549891	CHR2:11549891	SSF x Near_LoA	-5,48169899	-0,064	0,306
CHR2	11549905	CHR2:11549905	SSF x Near_LoA	-8,4784395	-0,028	0,316
CHR2	11560146	CHR2:11560146	SSF x Near_LoA	-8,29578359	-0,004	0,315
CHR2	11560233	CHR2:11560233	SSF x Near_LoA	-8,14537277	0,009	0,318
CHR2	11563350	CHR2:11563350	SSF x Near_LoA	-7,90777311	0,129	0,308
CHR2	11563381	CHR2:11563381	SSF x Near_LoA	-10,5092207	0,012	0,310
CHR2	11563410	CHR2:11563410	SSF x Near_LoA	-9,04591671	0,034	0,306
CHR2	11563412	CHR2:11563412	SSF x Near_LoA	-9,54530484	0,102	0,312
CHR2	11563435	CHR2:11563435	SSF x Near_LoA	-9,41474563	0,116	0,303
CHR2	11563474	CHR2:11563474	SSF x Near_LoA	-6,30623288	0,093	0,319
CHR2	11568247	CHR2:11568247	SSF x Near_LoA	-9,56714709	-0,022	0,305
CHR2	11568262	CHR2:11568262	SSF x Near_LoA	-10,6235576	-0,006	0,309
CHR2	11568530	CHR2:11568530	SSF x Near_LoA	-10,8513169	0,017	0,306
CHR2	11568554	CHR2:11568554	SSF x Near_LoA	-7,98889192	0,110	0,327
CHR2	11568566	CHR2:11568566	SSF x Near_LoA	-10,6531256	0,093	0,302
CHR2	11568579	CHR2:11568579	SSF x Near_LoA	-2,6006809	0,093	0,313
CHR2	11568588	CHR2:11568588	SSF x Near_LoA	-7,75397967	0,085	0,306
CHR2	11570130	CHR2:11570130	SSF x Near_LoA	-10,1792809	-0,016	0,310
CHR2	11570134	CHR2:11570134	SSF x Near_LoA	-10,6768951	0,025	0,299
CHR2	11570202	CHR2:11570202	SSF x Near_LoA	-9,39922341	-0,053	0,297
CHR2	11570222	CHR2:11570222	SSF x Near_LoA	-7,21866323	0,139	0,300
CHR2	1159002	CHR2:1159002	SSF x Near_LoA	-12,3031779	0,002	0,305
CHR2	1159959	CHR2:1159959	SSF x Near_LoA	-8,32414826	-0,037	0,302
CHR2	1159960	CHR2:1159960	SSF x Near_LoA	-7,17107221	-0,047	0,304
CHR2	1159990	CHR2:1159990	SSF x Near_LoA	-4,03476458	-0,116	0,308
CHR2	1160035	CHR2:1160035	SSF x Near_LoA	-8,7445968	0,026	0,316
CHR2	1160049	CHR2:1160049	SSF x Near_LoA	-11,1294744	-0,028	0,311
CHR2	11605951	CHR2:11605951	SSF x Near_LoA	-10,9973934	0,002	0,299
CHR2	11606212	CHR2:11606212	SSF x Near_LoA	-8,03388872	-0,071	0,298
CHR2	11607791	CHR2:11607791	SSF x Near_LoA	-9,09292039	-0,018	0,302

CHR2	1161973	CHR2:1161973	SSF x Near_LoA	-7,4983029	-0,069	0,307
CHR2	1162002	CHR2:1162002	SSF x Near_LoA	-7,99861621	0,059	0,312
CHR2	11629550	CHR2:11629550	SSF x Near_LoA	-7,85336548	0,067	0,309
CHR2	11631112	CHR2:11631112	SSF x Near_LoA	-9,55365974	-0,145	0,290
CHR2	11650569	CHR2:11650569	SSF x Near_LoA	-10,9157659	-0,058	0,320
CHR2	11650879	CHR2:11650879	SSF x Near_LoA	3,25741502	0,244	0,289
CHR2	11650896	CHR2:11650896	SSF x Near_LoA	-5,75622805	0,253	0,289
CHR2	11654772	CHR2:11654772	SSF x Near_LoA	-7,54878452	-0,173	0,311
CHR2	11654881	CHR2:11654881	SSF x Near_LoA	-9,91722168	-0,021	0,305
CHR2	11668316	CHR2:11668316	SSF x Near_LoA	-9,53211281	0,048	0,316
CHR2	11668352	CHR2:11668352	SSF x Near_LoA	-9,58247474	0,155	0,305
CHR2	11668357	CHR2:11668357	SSF x Near_LoA	-9,5932516	0,129	0,311
CHR2	11668365	CHR2:11668365	SSF x Near_LoA	-8,65077215	0,137	0,301
CHR2	11668369	CHR2:11668369	SSF x Near_LoA	-8,72854433	-0,216	0,301
CHR2	11668375	CHR2:11668375	SSF x Near_LoA	-7,35820376	0,105	0,315
CHR2	11668397	CHR2:11668397	SSF x Near_LoA	-4,81880558	0,079	0,304
CHR2	11668412	CHR2:11668412	SSF x Near_LoA	-11,2370071	0,087	0,300
CHR2	11668425	CHR2:11668425	SSF x Near_LoA	-6,29543678	0,053	0,325
CHR2	11668545	CHR2:11668545	SSF x Near_LoA	-9,04194329	0,029	0,317
CHR2	11673034	CHR2:11673034	SSF x Near_LoA	-10,8839023	0,080	0,309
CHR2	11673125	CHR2:11673125	SSF x Near_LoA	-8,94146875	0,090	0,317
CHR2	11687089	CHR2:11687089	SSF x Near_LoA	-8,32533669	-0,001	0,311
CHR2	11697711	CHR2:11697711	SSF x Near_LoA	-9,47336684	0,009	0,319
CHR2	11697727	CHR2:11697727	SSF x Near_LoA	-8,39456343	0,034	0,328
CHR2	11697899	CHR2:11697899	SSF x Near_LoA	-11,0328973	-0,005	0,323
CHR2	11702456	CHR2:11702456	SSF x Near_LoA	-11,6436109	0,022	0,306
CHR2	11712313	CHR2:11712313	SSF x Near_LoA	-6,74474788	0,147	0,297
CHR2	11712476	CHR2:11712476	SSF x Near_LoA	-9,95443211	0,154	0,298
CHR2	11712484	CHR2:11712484	SSF x Near_LoA	-9,5755073	-0,057	0,306
CHR2	11712488	CHR2:11712488	SSF x Near_LoA	-8,89590571	0,043	0,318
CHR2	11712498	CHR2:11712498	SSF x Near_LoA	-7,1978481	-0,166	0,298
CHR2	11712515	CHR2:11712515	SSF x Near_LoA	-7,27500529	0,146	0,293
CHR2	11714780	CHR2:11714780	SSF x Near_LoA	-9,24761535	0,020	0,316
CHR2	11725542	CHR2:11725542	SSF x Near_LoA	-9,84447585	0,074	0,299
CHR2	11725596	CHR2:11725596	SSF x Near_LoA	-10,3641652	-0,041	0,313
CHR2	11757915	CHR2:11757915	SSF x Near_LoA	-7,91965201	0,050	0,286
CHR2	11763410	CHR2:11763410	SSF x Near_LoA	-10,0871423	0,046	0,310
CHR2	11763620	CHR2:11763620	SSF x Near_LoA	-6,27558827	0,231	0,292
CHR2	11763747	CHR2:11763747	SSF x Near_LoA	-9,31965793	0,195	0,297
CHR2	11763754	CHR2:11763754	SSF x Near_LoA	-10,2998823	-0,110	0,306
CHR2	11775235	CHR2:11775235	SSF x Near_LoA	-9,60706829	0,086	0,313
CHR2	11776492	CHR2:11776492	SSF x Near_LoA	-11,3881014	0,040	0,307
CHR2	11776767	CHR2:11776767	SSF x Near_LoA	-5,88941399	-0,071	0,326
CHR2	11782030	CHR2:11782030	SSF x Near_LoA	-7,81054399	0,000	0,305
CHR2	11782046	CHR2:11782046	SSF x Near_LoA	-8,71989411	0,198	0,287
CHR2	11782107	CHR2:11782107	SSF x Near_LoA	-10,329246	0,032	0,310
CHR2	11782108	CHR2:11782108	SSF x Near_LoA	-7,1539749	-0,042	0,317
CHR2	11782166	CHR2:11782166	SSF x Near_LoA	-10,2612074	0,009	0,320
CHR2	11788994	CHR2:11788994	SSF x Near_LoA	-7,93161672	0,070	0,315
CHR2	11789339	CHR2:11789339	SSF x Near_LoA	-11,6915505	-0,012	0,308
CHR2	11799273	CHR2:11799273	SSF x Near_LoA	-12,1125108	0,024	0,306
CHR2	11799312	CHR2:11799312	SSF x Near_LoA	-4,54047696	0,133	0,303
CHR2	11799364	CHR2:11799364	SSF x Near_LoA	-9,86639765	-0,038	0,289

CHR2	11799434	CHR2:11799434	SSF x Near_LoA	-8,86728353	0,045	0,304
CHR2	1180550	CHR2:1180550	SSF x Near_LoA	-10,2180705	-0,085	0,309
CHR2	1180552	CHR2:1180552	SSF x Near_LoA	-10,2589994	-0,032	0,311
CHR2	1180772	CHR2:1180772	SSF x Near_LoA	-10,5596474	0,004	0,301
CHR2	1180802	CHR2:1180802	SSF x Near_LoA	-9,42172948	0,007	0,310
CHR2	11811853	CHR2:11811853	SSF x Near_LoA	-6,91979137	0,187	0,301
CHR2	11812226	CHR2:11812226	SSF x Near_LoA	-7,59665046	0,083	0,304
CHR2	11812231	CHR2:11812231	SSF x Near_LoA	-6,51186029	0,068	0,306
CHR2	11812255	CHR2:11812255	SSF x Near_LoA	-9,35997392	-0,119	0,298
CHR2	11812294	CHR2:11812294	SSF x Near_LoA	-9,54030572	-0,020	0,324
CHR2	11812311	CHR2:11812311	SSF x Near_LoA	-9,30523388	-0,040	0,308
CHR2	11812342	CHR2:11812342	SSF x Near_LoA	-6,36847094	0,019	0,312
CHR2	11820732	CHR2:11820732	SSF x Near_LoA	-9,00323041	0,068	0,311
CHR2	11840509	CHR2:11840509	SSF x Near_LoA	-9,9799641	-0,040	0,309
CHR2	11844446	CHR2:11844446	SSF x Near_LoA	-9,81158465	0,090	0,296
CHR2	11844455	CHR2:11844455	SSF x Near_LoA	-9,65787095	-0,062	0,308
CHR2	11844495	CHR2:11844495	SSF x Near_LoA	-10,6335821	0,024	0,299
CHR2	11844532	CHR2:11844532	SSF x Near_LoA	-6,79477606	-0,060	0,307
CHR2	11844559	CHR2:11844559	SSF x Near_LoA	-4,12457168	-0,088	0,303
CHR2	11844560	CHR2:11844560	SSF x Near_LoA	-8,19789764	-0,069	0,312
CHR2	11846162	CHR2:11846162	SSF x Near_LoA	-11,2653464	0,039	0,302
CHR2	11852029	CHR2:11852029	SSF x Near_LoA	-8,23853987	-0,078	0,309
CHR2	11852158	CHR2:11852158	SSF x Near_LoA	-11,0803371	-0,062	0,299
CHR2	11854801	CHR2:11854801	SSF x Near_LoA	-9,74304262	0,054	0,321
CHR2	11854803	CHR2:11854803	SSF x Near_LoA	-6,45449989	0,126	0,319
CHR2	11854827	CHR2:11854827	SSF x Near_LoA	-6,66468629	0,185	0,307
CHR2	11854845	CHR2:11854845	SSF x Near_LoA	-11,5745603	-0,015	0,302
CHR2	11854917	CHR2:11854917	SSF x Near_LoA	-6,30571213	0,035	0,314
CHR2	11855017	CHR2:11855017	SSF x Near_LoA	-9,13733047	-0,025	0,313
CHR2	11855031	CHR2:11855031	SSF x Near_LoA	-11,4439434	-0,152	0,291
CHR2	11857828	CHR2:11857828	SSF x Near_LoA	-10,1458841	0,077	0,302
CHR2	11862417	CHR2:11862417	SSF x Near_LoA	-8,79025382	-0,014	0,305
CHR2	11867427	CHR2:11867427	SSF x Near_LoA	-7,73231902	0,012	0,307
CHR2	11867475	CHR2:11867475	SSF x Near_LoA	-6,61287706	-0,143	0,311
CHR2	11868775	CHR2:11868775	SSF x Near_LoA	-9,01457087	-0,111	0,309
CHR2	11880685	CHR2:11880685	SSF x Near_LoA	-8,4895705	-0,069	0,297
CHR2	11880719	CHR2:11880719	SSF x Near_LoA	-9,24177612	0,125	0,308
CHR2	11880774	CHR2:11880774	SSF x Near_LoA	-8,44657136	0,134	0,298
CHR2	11880784	CHR2:11880784	SSF x Near_LoA	-9,96480517	-0,060	0,308
CHR2	11880792	CHR2:11880792	SSF x Near_LoA	-10,6044803	-0,040	0,304
CHR2	11883383	CHR2:11883383	SSF x Near_LoA	-9,16634171	0,095	0,312
CHR2	11883395	CHR2:11883395	SSF x Near_LoA	-11,1377752	0,010	0,318
CHR2	11883434	CHR2:11883434	SSF x Near_LoA	-11,0527545	0,014	0,312
CHR2	11895002	CHR2:11895002	SSF x Near_LoA	-10,0158495	-0,056	0,314
CHR2	11895031	CHR2:11895031	SSF x Near_LoA	-5,8673104	-0,079	0,323
CHR2	11895142	CHR2:11895142	SSF x Near_LoA	-8,86735004	0,082	0,304
CHR2	11895148	CHR2:11895148	SSF x Near_LoA	-7,08070224	0,090	0,296
CHR2	1189744	CHR2:1189744	SSF x Near_LoA	-9,56652097	0,065	0,303
CHR2	1189768	CHR2:1189768	SSF x Near_LoA	-9,68292178	-0,008	0,330
CHR2	11901818	CHR2:11901818	SSF x Near_LoA	-10,2555087	-0,011	0,313
CHR2	11902009	CHR2:11902009	SSF x Near_LoA	-10,699805	0,097	0,282
CHR2	11908794	CHR2:11908794	SSF x Near_LoA	-9,49785431	-0,054	0,300
CHR2	11908900	CHR2:11908900	SSF x Near_LoA	-11,3056541	0,091	0,313

CHR2	11920946	CHR2:11920946	SSF x Near_LoA	-11,6263977	0,013	0,306
CHR2	11920948	CHR2:11920948	SSF x Near_LoA	-5,58857667	0,089	0,311
CHR2	11920977	CHR2:11920977	SSF x Near_LoA	-6,8837198	0,112	0,294
CHR2	11934989	CHR2:11934989	SSF x Near_LoA	-10,741371	-0,034	0,310
CHR2	11935195	CHR2:11935195	SSF x Near_LoA	-8,99400459	-0,008	0,304
CHR2	11935197	CHR2:11935197	SSF x Near_LoA	-8,91683483	-0,030	0,314
CHR2	11935224	CHR2:11935224	SSF x Near_LoA	-7,7629324	0,165	0,291
CHR2	11935226	CHR2:11935226	SSF x Near_LoA	2,56194707	0,254	0,282
CHR2	11935243	CHR2:11935243	SSF x Near_LoA	-11,1390679	0,049	0,306
CHR2	11937009	CHR2:11937009	SSF x Near_LoA	-11,8855147	0,051	0,294
CHR2	11937033	CHR2:11937033	SSF x Near_LoA	-11,0162225	-0,005	0,304
CHR2	11937112	CHR2:11937112	SSF x Near_LoA	-5,57284879	-0,019	0,307
CHR2	11947310	CHR2:11947310	SSF x Near_LoA	-8,57932879	-0,054	0,317
CHR2	11949249	CHR2:11949249	SSF x Near_LoA	-7,656177	-0,095	0,310
CHR2	11950555	CHR2:11950555	SSF x Near_LoA	-8,07975736	-0,091	0,314
CHR2	11950591	CHR2:11950591	SSF x Near_LoA	-9,90623998	0,021	0,303
CHR2	11955374	CHR2:11955374	SSF x Near_LoA	-8,21848166	-0,071	0,304
CHR2	11955474	CHR2:11955474	SSF x Near_LoA	-9,09292541	-0,066	0,299
CHR2	11955481	CHR2:11955481	SSF x Near_LoA	-6,49972158	-0,114	0,299
CHR2	11955515	CHR2:11955515	SSF x Near_LoA	-9,4852698	-0,044	0,306
CHR2	11970204	CHR2:11970204	SSF x Near_LoA	-8,74996756	-0,051	0,312
CHR2	11970333	CHR2:11970333	SSF x Near_LoA	-7,95022658	0,048	0,312
CHR2	11970343	CHR2:11970343	SSF x Near_LoA	-11,8571127	-0,004	0,313
CHR2	11976147	CHR2:11976147	SSF x Near_LoA	-8,34999175	-0,117	0,304
CHR2	11976177	CHR2:11976177	SSF x Near_LoA	-9,25655136	0,028	0,313
CHR2	11976181	CHR2:11976181	SSF x Near_LoA	-7,43604571	-0,003	0,313
CHR2	11976236	CHR2:11976236	SSF x Near_LoA	-7,75783708	-0,062	0,311
CHR2	11976237	CHR2:11976237	SSF x Near_LoA	-9,11810985	0,044	0,321
CHR2	11976282	CHR2:11976282	SSF x Near_LoA	-10,4970227	-0,092	0,304
CHR2	11976290	CHR2:11976290	SSF x Near_LoA	-5,57652498	-0,036	0,314
CHR2	11976318	CHR2:11976318	SSF x Near_LoA	-9,88362564	-0,071	0,315
CHR2	11978506	CHR2:11978506	SSF x Near_LoA	-9,49439151	-0,076	0,299
CHR2	11980030	CHR2:11980030	SSF x Near_LoA	-8,33738463	0,074	0,303
CHR2	11980041	CHR2:11980041	SSF x Near_LoA	-8,47584359	-0,057	0,314
CHR2	11980075	CHR2:11980075	SSF x Near_LoA	-9,0124734	0,044	0,312
CHR2	11987000	CHR2:11987000	SSF x Near_LoA	-11,1911838	0,070	0,297
CHR2	11987054	CHR2:11987054	SSF x Near_LoA	-6,48191547	0,139	0,303
CHR2	11987231	CHR2:11987231	SSF x Near_LoA	-9,97772587	0,118	0,298
CHR2	11990256	CHR2:11990256	SSF x Near_LoA	-8,17510797	-0,187	0,309
CHR2	11990273	CHR2:11990273	SSF x Near_LoA	-9,70403271	-0,007	0,309
CHR2	11990285	CHR2:11990285	SSF x Near_LoA	-8,63562323	0,030	0,306
CHR2	12001611	CHR2:12001611	SSF x Near_LoA	-8,18911533	-0,047	0,307
CHR2	12004722	CHR2:12004722	SSF x Near_LoA	-9,00146631	-0,058	0,320
CHR2	12004804	CHR2:12004804	SSF x Near_LoA	-7,01358266	-0,088	0,298
CHR2	12016826	CHR2:12016826	SSF x Near_LoA	-9,68954164	0,085	0,294
CHR2	12016848	CHR2:12016848	SSF x Near_LoA	-9,8847261	-0,166	0,309
CHR2	12016874	CHR2:12016874	SSF x Near_LoA	-5,13079282	-0,177	0,285
CHR2	12017001	CHR2:12017001	SSF x Near_LoA	-11,2988508	-0,011	0,306
CHR2	12017006	CHR2:12017006	SSF x Near_LoA	-10,6523241	0,017	0,299
CHR2	12017007	CHR2:12017007	SSF x Near_LoA	-10,7886661	0,023	0,303
CHR2	12021695	CHR2:12021695	SSF x Near_LoA	-9,66231452	-0,036	0,306
CHR2	12022097	CHR2:12022097	SSF x Near_LoA	-6,44928804	-0,087	0,304
CHR2	12022117	CHR2:12022117	SSF x Near_LoA	-11,8359294	-0,108	0,298

CHR2	12022120	CHR2:12022120	SSF x Near_LoA	-8,81740513	-0,106	0,296
CHR2	12024649	CHR2:12024649	SSF x Near_LoA	-11,1252277	0,050	0,303
CHR2	12032052	CHR2:12032052	SSF x Near_LoA	-8,95350374	-0,002	0,317
CHR2	12032096	CHR2:12032096	SSF x Near_LoA	-11,3180426	-0,028	0,302
CHR2	12032131	CHR2:12032131	SSF x Near_LoA	-11,7024631	-0,002	0,306
CHR2	12032149	CHR2:12032149	SSF x Near_LoA	-8,74478446	0,021	0,296
CHR2	12032209	CHR2:12032209	SSF x Near_LoA	-9,74777164	-0,018	0,310
CHR2	12032259	CHR2:12032259	SSF x Near_LoA	-8,57696622	0,072	0,321
CHR2	12032286	CHR2:12032286	SSF x Near_LoA	-9,25963443	0,033	0,299
CHR2	12044093	CHR2:12044093	SSF x Near_LoA	-11,0131287	0,094	0,310
CHR2	12044130	CHR2:12044130	SSF x Near_LoA	-9,21730711	-0,081	0,300
CHR2	12044150	CHR2:12044150	SSF x Near_LoA	-8,17599414	-0,081	0,312
CHR2	12044158	CHR2:12044158	SSF x Near_LoA	-11,5066169	-0,052	0,301
CHR2	12044226	CHR2:12044226	SSF x Near_LoA	-5,73118692	-0,043	0,311
CHR2	12046130	CHR2:12046130	SSF x Near_LoA	-7,9786184	0,133	0,303
CHR2	12046247	CHR2:12046247	SSF x Near_LoA	-9,20967845	0,049	0,302
CHR2	12046260	CHR2:12046260	SSF x Near_LoA	-7,08420496	-0,041	0,300
CHR2	12046268	CHR2:12046268	SSF x Near_LoA	-11,1440046	-0,010	0,307
CHR2	12046277	CHR2:12046277	SSF x Near_LoA	-8,55272117	-0,005	0,315
CHR2	12049520	CHR2:12049520	SSF x Near_LoA	-10,2910138	-0,125	0,311
CHR2	12049586	CHR2:12049586	SSF x Near_LoA	-5,40307405	-0,127	0,299
CHR2	12049588	CHR2:12049588	SSF x Near_LoA	-9,02429273	-0,134	0,311
CHR2	12049683	CHR2:12049683	SSF x Near_LoA	-10,7539186	-0,059	0,308
CHR2	12049814	CHR2:12049814	SSF x Near_LoA	-11,0186095	-0,021	0,303
CHR2	12049844	CHR2:12049844	SSF x Near_LoA	-4,39825209	0,109	0,300
CHR2	12055192	CHR2:12055192	SSF x Near_LoA	-9,87344931	-0,086	0,299
CHR2	12055384	CHR2:12055384	SSF x Near_LoA	-10,4207989	0,079	0,305
CHR2	12055483	CHR2:12055483	SSF x Near_LoA	-8,63501287	-0,001	0,314
CHR2	12055487	CHR2:12055487	SSF x Near_LoA	-9,50881126	-0,053	0,305
CHR2	12061676	CHR2:12061676	SSF x Near_LoA	-10,3437343	-0,025	0,307
CHR2	12061677	CHR2:12061677	SSF x Near_LoA	-10,405139	-0,002	0,298
CHR2	12061691	CHR2:12061691	SSF x Near_LoA	-9,19023716	-0,064	0,304
CHR2	12061834	CHR2:12061834	SSF x Near_LoA	-11,8405303	0,044	0,317
CHR2	12061861	CHR2:12061861	SSF x Near_LoA	-10,967512	-0,022	0,307
CHR2	12070308	CHR2:12070308	SSF x Near_LoA	-8,50845357	-0,010	0,316
CHR2	12070370	CHR2:12070370	SSF x Near_LoA	-10,3136751	0,083	0,312
CHR2	12070392	CHR2:12070392	SSF x Near_LoA	-5,64009165	0,080	0,318
CHR2	12070458	CHR2:12070458	SSF x Near_LoA	-0,96729893	-0,114	0,299
CHR2	12070461	CHR2:12070461	SSF x Near_LoA	2,5758019	-0,227	0,297
CHR2	12070465	CHR2:12070465	SSF x Near_LoA	-7,68583004	-0,177	0,307
CHR2	12070517	CHR2:12070517	SSF x Near_LoA	-10,4157687	-0,008	0,305
CHR2	12070518	CHR2:12070518	SSF x Near_LoA	-9,53400822	-0,001	0,320
CHR2	12070523	CHR2:12070523	SSF x Near_LoA	-5,13728417	-0,115	0,303
CHR2	12070558	CHR2:12070558	SSF x Near_LoA	-10,7419164	-0,044	0,292
CHR2	12070577	CHR2:12070577	SSF x Near_LoA	-11,168332	-0,046	0,295
CHR2	12073151	CHR2:12073151	SSF x Near_LoA	-9,27701558	0,121	0,302
CHR2	12081573	CHR2:12081573	SSF x Near_LoA	-8,30798462	0,043	0,304
CHR2	12082950	CHR2:12082950	SSF x Near_LoA	-9,21235498	0,090	0,312
CHR2	12087487	CHR2:12087487	SSF x Near_LoA	-10,482136	0,021	0,305
CHR2	12087535	CHR2:12087535	SSF x Near_LoA	-10,7632374	0,035	0,301
CHR2	12087568	CHR2:12087568	SSF x Near_LoA	-8,39950625	0,165	0,301
CHR2	12087707	CHR2:12087707	SSF x Near_LoA	-9,67932234	0,079	0,311
CHR2	12094389	CHR2:12094389	SSF x Near_LoA	-9,49851501	-0,007	0,302

CHR2	12094392	CHR2:12094392	SSF x Near_LoA	-10,5839824	0,051	0,318
CHR2	12094442	CHR2:12094442	SSF x Near_LoA	-9,70757477	-0,047	0,310
CHR2	12094467	CHR2:12094467	SSF x Near_LoA	-9,49784513	-0,037	0,334
CHR2	12097839	CHR2:12097839	SSF x Near_LoA	-7,34473868	-0,095	0,306
CHR2	12100966	CHR2:12100966	SSF x Near_LoA	-6,07709951	0,108	0,326
CHR2	12100971	CHR2:12100971	SSF x Near_LoA	-5,46402768	-0,048	0,307
CHR2	12101297	CHR2:12101297	SSF x Near_LoA	-8,34571551	0,043	0,310
CHR2	12105046	CHR2:12105046	SSF x Near_LoA	-6,44063172	0,115	0,305
CHR2	12105048	CHR2:12105048	SSF x Near_LoA	-10,3699507	-0,010	0,302
CHR2	12108567	CHR2:12108567	SSF x Near_LoA	-9,6497608	-0,081	0,311
CHR2	12119563	CHR2:12119563	SSF x Near_LoA	-10,9563515	0,061	0,312
CHR2	12119564	CHR2:12119564	SSF x Near_LoA	-11,4747306	0,025	0,313
CHR2	12119566	CHR2:12119566	SSF x Near_LoA	-12,3738601	0,033	0,297
CHR2	12119644	CHR2:12119644	SSF x Near_LoA	-8,30240897	-0,035	0,320
CHR2	12121459	CHR2:12121459	SSF x Near_LoA	-9,56225019	0,017	0,297
CHR2	12121477	CHR2:12121477	SSF x Near_LoA	-9,89193874	0,100	0,303
CHR2	12121488	CHR2:12121488	SSF x Near_LoA	-10,0857671	0,035	0,291
CHR2	12121512	CHR2:12121512	SSF x Near_LoA	-8,06292158	-0,071	0,308
CHR2	12121514	CHR2:12121514	SSF x Near_LoA	-8,23138011	-0,074	0,316
CHR2	12121517	CHR2:12121517	SSF x Near_LoA	-10,7511567	-0,034	0,294
CHR2	12121530	CHR2:12121530	SSF x Near_LoA	-9,01044741	0,058	0,308
CHR2	12121546	CHR2:12121546	SSF x Near_LoA	-8,69706461	0,092	0,302
CHR2	12121556	CHR2:12121556	SSF x Near_LoA	-10,3153311	0,071	0,303
CHR2	12121559	CHR2:12121559	SSF x Near_LoA	-7,02452359	-0,016	0,307
CHR2	12121567	CHR2:12121567	SSF x Near_LoA	-7,43355421	-0,011	0,310
CHR2	12121573	CHR2:12121573	SSF x Near_LoA	-10,5387066	0,029	0,302
CHR2	12121576	CHR2:12121576	SSF x Near_LoA	-8,48004472	-0,020	0,305
CHR2	12138252	CHR2:12138252	SSF x Near_LoA	-8,96083344	-0,116	0,311
CHR2	12138257	CHR2:12138257	SSF x Near_LoA	-8,18863516	0,038	0,321
CHR2	12138271	CHR2:12138271	SSF x Near_LoA	-4,58593265	0,049	0,305
CHR2	12138281	CHR2:12138281	SSF x Near_LoA	-9,92606347	-0,005	0,296
CHR2	12138318	CHR2:12138318	SSF x Near_LoA	-8,759448	0,002	0,305
CHR2	12138337	CHR2:12138337	SSF x Near_LoA	-6,30073596	-0,024	0,308
CHR2	12138357	CHR2:12138357	SSF x Near_LoA	-9,46254721	-0,010	0,314
CHR2	12138366	CHR2:12138366	SSF x Near_LoA	-7,65717423	0,093	0,304
CHR2	12138370	CHR2:12138370	SSF x Near_LoA	-8,08688718	0,106	0,312
CHR2	12138375	CHR2:12138375	SSF x Near_LoA	-9,28396631	-0,071	0,303
CHR2	12149924	CHR2:12149924	SSF x Near_LoA	-8,4896738	0,183	0,294
CHR2	12149999	CHR2:12149999	SSF x Near_LoA	-4,47805726	-0,265	0,297
CHR2	12155831	CHR2:12155831	SSF x Near_LoA	-11,3012085	0,017	0,313
CHR2	12155953	CHR2:12155953	SSF x Near_LoA	-10,9840077	-0,068	0,298
CHR2	12155994	CHR2:12155994	SSF x Near_LoA	-9,99810451	-0,056	0,291
CHR2	12156005	CHR2:12156005	SSF x Near_LoA	-8,85279508	0,044	0,297
CHR2	12170231	CHR2:12170231	SSF x Near_LoA	-10,2397544	-0,041	0,307
CHR2	12170352	CHR2:12170352	SSF x Near_LoA	-10,6169694	0,034	0,297
CHR2	12170366	CHR2:12170366	SSF x Near_LoA	-9,50919117	-0,016	0,302
CHR2	12170456	CHR2:12170456	SSF x Near_LoA	-11,7058325	0,008	0,300
CHR2	12171808	CHR2:12171808	SSF x Near_LoA	-11,2490788	0,020	0,285
CHR2	12171866	CHR2:12171866	SSF x Near_LoA	-11,2680472	-0,037	0,306
CHR2	12177294	CHR2:12177294	SSF x Near_LoA	-9,45254094	0,018	0,317
CHR2	12177310	CHR2:12177310	SSF x Near_LoA	-5,74883328	-0,065	0,314
CHR2	12179731	CHR2:12179731	SSF x Near_LoA	-8,43099332	0,006	0,317
CHR2	12179770	CHR2:12179770	SSF x Near_LoA	-6,53912142	-0,123	0,314

CHR2	12179863	CHR2:12179863	SSF x Near_LoA	-7,20650731	0,012	0,316
CHR2	12184448	CHR2:12184448	SSF x Near_LoA	-10,9377436	-0,099	0,291
CHR2	12184574	CHR2:12184574	SSF x Near_LoA	-8,4621797	-0,029	0,310
CHR2	12184577	CHR2:12184577	SSF x Near_LoA	-9,49811356	-0,037	0,309
CHR2	12184596	CHR2:12184596	SSF x Near_LoA	-9,40148189	-0,064	0,313
CHR2	12184597	CHR2:12184597	SSF x Near_LoA	-9,62315039	-0,066	0,306
CHR2	12184598	CHR2:12184598	SSF x Near_LoA	-8,33814776	-0,068	0,303
CHR2	12184611	CHR2:12184611	SSF x Near_LoA	-9,04113408	-0,030	0,312
CHR2	12184651	CHR2:12184651	SSF x Near_LoA	-10,4543381	0,026	0,317
CHR2	12184653	CHR2:12184653	SSF x Near_LoA	-10,4078724	0,043	0,331
CHR2	12191395	CHR2:12191395	SSF x Near_LoA	-9,67800034	-0,037	0,292
CHR2	12191505	CHR2:12191505	SSF x Near_LoA	-11,5252614	0,108	0,312
CHR2	12191543	CHR2:12191543	SSF x Near_LoA	-8,30304096	0,073	0,295
CHR2	12192473	CHR2:12192473	SSF x Near_LoA	-7,92027134	0,061	0,301
CHR2	12210212	CHR2:12210212	SSF x Near_LoA	-8,46180304	0,041	0,298
CHR2	12212151	CHR2:12212151	SSF x Near_LoA	-9,31201554	-0,018	0,300
CHR2	12212157	CHR2:12212157	SSF x Near_LoA	-8,70365217	0,050	0,299
CHR2	12212166	CHR2:12212166	SSF x Near_LoA	-9,64541462	0,129	0,312
CHR2	12212264	CHR2:12212264	SSF x Near_LoA	-9,20786947	-0,043	0,292
CHR2	12212395	CHR2:12212395	SSF x Near_LoA	-10,7351588	-0,001	0,298
CHR2	12224012	CHR2:12224012	SSF x Near_LoA	-10,6918759	0,012	0,314
CHR2	12224175	CHR2:12224175	SSF x Near_LoA	-7,0276292	-0,098	0,318
CHR2	12224205	CHR2:12224205	SSF x Near_LoA	-4,91026925	0,209	0,300
CHR2	12230878	CHR2:12230878	SSF x Near_LoA	-8,81193542	0,180	0,287
CHR2	12233994	CHR2:12233994	SSF x Near_LoA	-9,82516761	0,155	0,294
CHR2	12234033	CHR2:12234033	SSF x Near_LoA	-9,63818904	-0,016	0,291
CHR2	12234039	CHR2:12234039	SSF x Near_LoA	-9,60356441	-0,008	0,307
CHR2	12234117	CHR2:12234117	SSF x Near_LoA	-9,80287782	-0,023	0,291
CHR2	12235665	CHR2:12235665	SSF x Near_LoA	-9,31641426	-0,007	0,302
CHR2	12235674	CHR2:12235674	SSF x Near_LoA	-9,3574624	-0,061	0,307
CHR2	12236475	CHR2:12236475	SSF x Near_LoA	-11,3606244	-0,019	0,300
CHR2	12238451	CHR2:12238451	SSF x Near_LoA	-9,60533717	0,062	0,311
CHR2	12238471	CHR2:12238471	SSF x Near_LoA	-10,1226497	-0,004	0,309
CHR2	12238472	CHR2:12238472	SSF x Near_LoA	-7,37261074	0,068	0,321
CHR2	12238529	CHR2:12238529	SSF x Near_LoA	-8,85687426	0,021	0,301
CHR2	12238569	CHR2:12238569	SSF x Near_LoA	-10,6793939	-0,030	0,318
CHR2	12238590	CHR2:12238590	SSF x Near_LoA	-3,15954055	-0,017	0,305
CHR2	12238601	CHR2:12238601	SSF x Near_LoA	-8,7095855	-0,048	0,307
CHR2	12246200	CHR2:12246200	SSF x Near_LoA	-9,03755883	0,081	0,297
CHR2	12246365	CHR2:12246365	SSF x Near_LoA	-7,41847744	0,064	0,307
CHR2	12246464	CHR2:12246464	SSF x Near_LoA	-5,39706732	0,174	0,316
CHR2	12248526	CHR2:12248526	SSF x Near_LoA	-5,83485529	0,087	0,307
CHR2	12255939	CHR2:12255939	SSF x Near_LoA	-7,91605812	0,022	0,318
CHR2	12272046	CHR2:12272046	SSF x Near_LoA	-11,4356895	0,020	0,320
CHR2	12272144	CHR2:12272144	SSF x Near_LoA	-5,82267688	0,052	0,315
CHR2	12280725	CHR2:12280725	SSF x Near_LoA	-10,0891252	0,088	0,313
CHR2	12298884	CHR2:12298884	SSF x Near_LoA	-3,00658511	-0,111	0,306
CHR2	12315328	CHR2:12315328	SSF x Near_LoA	-10,424416	0,126	0,300
CHR2	12320337	CHR2:12320337	SSF x Near_LoA	-6,99129594	0,129	0,289
CHR2	12320352	CHR2:12320352	SSF x Near_LoA	-9,82066204	-0,021	0,310
CHR2	12320353	CHR2:12320353	SSF x Near_LoA	-11,5857263	-0,003	0,303
CHR2	12320381	CHR2:12320381	SSF x Near_LoA	-9,10213782	0,032	0,307
CHR2	12320416	CHR2:12320416	SSF x Near_LoA	-9,10323686	0,015	0,309

CHR2	12330056	CHR2:12330056	SSF x Near_LoA	-9,11290839	-0,075	0,313
CHR2	12338149	CHR2:12338149	SSF x Near_LoA	-9,10981562	-0,004	0,312
CHR2	12338203	CHR2:12338203	SSF x Near_LoA	-9,9850348	0,023	0,301
CHR2	12338277	CHR2:12338277	SSF x Near_LoA	-7,79531685	-0,082	0,302
CHR2	12344915	CHR2:12344915	SSF x Near_LoA	-9,57751274	-0,042	0,309
CHR2	12348032	CHR2:12348032	SSF x Near_LoA	-8,15687191	-0,037	0,299
CHR2	12348035	CHR2:12348035	SSF x Near_LoA	-9,03384923	-0,044	0,291
CHR2	12348047	CHR2:12348047	SSF x Near_LoA	-10,6351885	0,072	0,307
CHR2	12348092	CHR2:12348092	SSF x Near_LoA	-9,77314063	0,041	0,311
CHR2	12348107	CHR2:12348107	SSF x Near_LoA	-7,72379027	0,043	0,304
CHR2	12348108	CHR2:12348108	SSF x Near_LoA	-10,8992412	0,070	0,298
CHR2	12348145	CHR2:12348145	SSF x Near_LoA	-10,5764037	-0,109	0,308
CHR2	12348966	CHR2:12348966	SSF x Near_LoA	7,02992365	0,247	0,285
CHR2	12350720	CHR2:12350720	SSF x Near_LoA	-11,090681	0,018	0,323
CHR2	12350878	CHR2:12350878	SSF x Near_LoA	-12,262391	0,032	0,303
CHR2	12357842	CHR2:12357842	SSF x Near_LoA	-8,76322471	-0,084	0,311
CHR2	12357851	CHR2:12357851	SSF x Near_LoA	-10,6550554	-0,120	0,294
CHR2	12357876	CHR2:12357876	SSF x Near_LoA	-11,1053263	0,024	0,309
CHR2	12357890	CHR2:12357890	SSF x Near_LoA	-10,2652855	0,086	0,299
CHR2	12359925	CHR2:12359925	SSF x Near_LoA	-9,30045238	-0,017	0,308
CHR2	12359944	CHR2:12359944	SSF x Near_LoA	-8,15324733	0,124	0,302
CHR2	12359980	CHR2:12359980	SSF x Near_LoA	-10,5670186	-0,020	0,317
CHR2	12359991	CHR2:12359991	SSF x Near_LoA	-10,0488625	0,026	0,314
CHR2	12360044	CHR2:12360044	SSF x Near_LoA	-10,107454	-0,034	0,298
CHR2	12360061	CHR2:12360061	SSF x Near_LoA	-10,3711371	-0,030	0,282
CHR2	12360064	CHR2:12360064	SSF x Near_LoA	-9,37149901	0,018	0,304
CHR2	12360124	CHR2:12360124	SSF x Near_LoA	-10,8117594	-0,069	0,295
CHR2	12360132	CHR2:12360132	SSF x Near_LoA	-7,44639298	-0,047	0,306
CHR2	12366189	CHR2:12366189	SSF x Near_LoA	-9,89347561	0,024	0,312
CHR2	12366217	CHR2:12366217	SSF x Near_LoA	-8,92191624	0,018	0,305
CHR2	12366241	CHR2:12366241	SSF x Near_LoA	-9,95503374	-0,096	0,305
CHR2	12366412	CHR2:12366412	SSF x Near_LoA	-10,4822328	-0,060	0,311
CHR2	12366448	CHR2:12366448	SSF x Near_LoA	-10,7118669	-0,017	0,304
CHR2	12368438	CHR2:12368438	SSF x Near_LoA	-10,0962872	0,047	0,313
CHR2	12368474	CHR2:12368474	SSF x Near_LoA	-6,78499304	0,156	0,299
CHR2	1237180	CHR2:1237180	SSF x Near_LoA	-9,86871928	0,131	0,299
CHR2	1237187	CHR2:1237187	SSF x Near_LoA	-8,75933395	-0,029	0,307
CHR2	1237194	CHR2:1237194	SSF x Near_LoA	-7,29342377	0,116	0,297
CHR2	1237202	CHR2:1237202	SSF x Near_LoA	-9,71712832	0,134	0,300
CHR2	1237245	CHR2:1237245	SSF x Near_LoA	-11,2684426	0,024	0,299
CHR2	1237322	CHR2:1237322	SSF x Near_LoA	-8,32576096	-0,022	0,313
CHR2	1237348	CHR2:1237348	SSF x Near_LoA	-7,70478749	-0,025	0,323
CHR2	1237365	CHR2:1237365	SSF x Near_LoA	-6,851462	0,036	0,310
CHR2	1237393	CHR2:1237393	SSF x Near_LoA	-7,16201668	0,082	0,309
CHR2	12374136	CHR2:12374136	SSF x Near_LoA	-12,1581189	0,001	0,296
CHR2	1237415	CHR2:1237415	SSF x Near_LoA	-7,31822069	0,153	0,310
CHR2	12374190	CHR2:12374190	SSF x Near_LoA	-9,31294993	-0,092	0,314
CHR2	12374192	CHR2:12374192	SSF x Near_LoA	-9,40120755	0,081	0,300
CHR2	12374201	CHR2:12374201	SSF x Near_LoA	-8,72203473	0,022	0,311
CHR2	12374205	CHR2:12374205	SSF x Near_LoA	-8,06836198	-0,011	0,319
CHR2	12374241	CHR2:12374241	SSF x Near_LoA	-7,34861261	-0,038	0,313
CHR2	1237435	CHR2:1237435	SSF x Near_LoA	-9,69302064	-0,001	0,316
CHR2	12374436	CHR2:12374436	SSF x Near_LoA	-10,215893	0,073	0,300

CHR2	12374519	CHR2:12374519	SSF x Near_LoA	-7,11437408	0,104	0,300
CHR2	12374549	CHR2:12374549	SSF x Near_LoA	-10,9518917	0,015	0,316
CHR2	1237516	CHR2:1237516	SSF x Near_LoA	-9,45439349	-0,044	0,311
CHR2	12375931	CHR2:12375931	SSF x Near_LoA	-8,66271322	-0,080	0,298
CHR2	12376079	CHR2:12376079	SSF x Near_LoA	-9,37391449	0,060	0,304
CHR2	12376082	CHR2:12376082	SSF x Near_LoA	-10,4997285	0,055	0,300
CHR2	12376094	CHR2:12376094	SSF x Near_LoA	-10,2434528	0,024	0,300
CHR2	12376095	CHR2:12376095	SSF x Near_LoA	-11,6726583	0,041	0,294
CHR2	12376107	CHR2:12376107	SSF x Near_LoA	-9,66735702	0,020	0,315
CHR2	12376109	CHR2:12376109	SSF x Near_LoA	-9,44658151	0,036	0,305
CHR2	12396531	CHR2:12396531	SSF x Near_LoA	-3,67350701	-0,162	0,290
CHR2	12396622	CHR2:12396622	SSF x Near_LoA	-8,06139242	-0,116	0,304
CHR2	12418457	CHR2:12418457	SSF x Near_LoA	-7,89558046	0,040	0,296
CHR2	12418459	CHR2:12418459	SSF x Near_LoA	5,86570899	-0,125	0,296
CHR2	12418564	CHR2:12418564	SSF x Near_LoA	-7,26025369	-0,211	0,287
CHR2	12420772	CHR2:12420772	SSF x Near_LoA	-8,89177064	-0,080	0,296
CHR2	12420777	CHR2:12420777	SSF x Near_LoA	-9,67708148	0,040	0,299
CHR2	12420779	CHR2:12420779	SSF x Near_LoA	-9,08259347	0,026	0,304
CHR2	12420817	CHR2:12420817	SSF x Near_LoA	-10,2272754	0,052	0,295
CHR2	12420831	CHR2:12420831	SSF x Near_LoA	-10,1797664	0,032	0,299
CHR2	12420833	CHR2:12420833	SSF x Near_LoA	-8,81956149	0,075	0,315
CHR2	12420850	CHR2:12420850	SSF x Near_LoA	-9,32417052	0,061	0,303
CHR2	12422152	CHR2:12422152	SSF x Near_LoA	-7,86307963	-0,043	0,314
CHR2	12422156	CHR2:12422156	SSF x Near_LoA	-8,58493979	-0,068	0,314
CHR2	12422170	CHR2:12422170	SSF x Near_LoA	-7,64349451	0,096	0,313
CHR2	12422245	CHR2:12422245	SSF x Near_LoA	-4,67203832	0,069	0,316
CHR2	12428015	CHR2:12428015	SSF x Near_LoA	-10,1232074	0,121	0,313
CHR2	12428025	CHR2:12428025	SSF x Near_LoA	-10,7109368	0,139	0,307
CHR2	12428056	CHR2:12428056	SSF x Near_LoA	-7,35870866	-0,110	0,302
CHR2	12428060	CHR2:12428060	SSF x Near_LoA	-9,25506974	-0,039	0,319
CHR2	12429371	CHR2:12429371	SSF x Near_LoA	-7,26387638	-0,123	0,305
CHR2	12429403	CHR2:12429403	SSF x Near_LoA	-10,3541431	-0,044	0,314
CHR2	12429424	CHR2:12429424	SSF x Near_LoA	-9,00370133	-0,114	0,315
CHR2	12429444	CHR2:12429444	SSF x Near_LoA	-8,86248657	-0,044	0,304
CHR2	12429450	CHR2:12429450	SSF x Near_LoA	-8,6833735	-0,041	0,292
CHR2	12429453	CHR2:12429453	SSF x Near_LoA	-7,68227659	-0,065	0,301
CHR2	12436976	CHR2:12436976	SSF x Near_LoA	-8,32474046	0,125	0,303
CHR2	12446043	CHR2:12446043	SSF x Near_LoA	-10,1850179	0,022	0,304
CHR2	12446065	CHR2:12446065	SSF x Near_LoA	-8,26332168	0,067	0,299
CHR2	12446121	CHR2:12446121	SSF x Near_LoA	-11,5233097	0,076	0,305
CHR2	12446122	CHR2:12446122	SSF x Near_LoA	-11,1280569	0,079	0,307
CHR2	12452239	CHR2:12452239	SSF x Near_LoA	-9,08003295	-0,136	0,302
CHR2	12452284	CHR2:12452284	SSF x Near_LoA	-8,00591849	0,018	0,316
CHR2	12452333	CHR2:12452333	SSF x Near_LoA	-8,14848448	-0,037	0,302
CHR2	12456793	CHR2:12456793	SSF x Near_LoA	0,51447459	-0,177	0,300
CHR2	12456823	CHR2:12456823	SSF x Near_LoA	-9,75333419	-0,141	0,302
CHR2	12456825	CHR2:12456825	SSF x Near_LoA	-10,0012975	0,104	0,313
CHR2	12456850	CHR2:12456850	SSF x Near_LoA	-9,39990046	0,126	0,317
CHR2	12456896	CHR2:12456896	SSF x Near_LoA	-9,78769587	0,014	0,313
CHR2	12456916	CHR2:12456916	SSF x Near_LoA	-8,25620956	-0,035	0,319
CHR2	12463284	CHR2:12463284	SSF x Near_LoA	-9,12031815	-0,112	0,307
CHR2	12463296	CHR2:12463296	SSF x Near_LoA	-7,75026823	-0,059	0,304
CHR2	12463425	CHR2:12463425	SSF x Near_LoA	-10,8676694	0,038	0,317

CHR2	12463456	CHR2:12463456	SSF x Near_LoA	-10,390476	0,006	0,314
CHR2	12469017	CHR2:12469017	SSF x Near_LoA	-10,4614809	-0,001	0,316
CHR2	12469027	CHR2:12469027	SSF x Near_LoA	-11,6572299	0,074	0,305
CHR2	12469043	CHR2:12469043	SSF x Near_LoA	-9,25005556	-0,049	0,311
CHR2	12469055	CHR2:12469055	SSF x Near_LoA	-10,0215367	0,017	0,307
CHR2	12469063	CHR2:12469063	SSF x Near_LoA	-10,0693051	-0,044	0,305
CHR2	12469109	CHR2:12469109	SSF x Near_LoA	-10,2577436	0,030	0,302
CHR2	12469231	CHR2:12469231	SSF x Near_LoA	-12,4815266	-0,039	0,296
CHR2	12469283	CHR2:12469283	SSF x Near_LoA	-10,8787981	0,009	0,292
CHR2	12485998	CHR2:12485998	SSF x Near_LoA	-8,88283113	0,102	0,305
CHR2	1250111	CHR2:1250111	SSF x Near_LoA	-8,0107237	-0,007	0,313
CHR2	12502683	CHR2:12502683	SSF x Near_LoA	-11,4979612	0,049	0,295
CHR2	1250269	CHR2:1250269	SSF x Near_LoA	-8,1621916	0,129	0,298
CHR2	1250329	CHR2:1250329	SSF x Near_LoA	-8,34409782	-0,071	0,306
CHR2	12518802	CHR2:12518802	SSF x Near_LoA	-11,1351783	0,011	0,314
CHR2	12519138	CHR2:12519138	SSF x Near_LoA	-9,20442578	-0,026	0,298
CHR2	12542722	CHR2:12542722	SSF x Near_LoA	-4,73979118	0,005	0,320
CHR2	12542812	CHR2:12542812	SSF x Near_LoA	-10,3886807	-0,041	0,307
CHR2	12544897	CHR2:12544897	SSF x Near_LoA	-8,19259458	0,139	0,305
CHR2	12544961	CHR2:12544961	SSF x Near_LoA	-11,1658479	-0,001	0,314
CHR2	12545005	CHR2:12545005	SSF x Near_LoA	-8,15353561	0,039	0,317
CHR2	12545470	CHR2:12545470	SSF x Near_LoA	-6,27676013	0,166	0,314
CHR2	12547855	CHR2:12547855	SSF x Near_LoA	-5,97772355	0,146	0,315
CHR2	12548189	CHR2:12548189	SSF x Near_LoA	-10,752192	-0,007	0,301
CHR2	12548247	CHR2:12548247	SSF x Near_LoA	-6,44512867	0,080	0,304
CHR2	12577690	CHR2:12577690	SSF x Near_LoA	-11,0364149	0,014	0,300
CHR2	12577709	CHR2:12577709	SSF x Near_LoA	-11,3096002	-0,031	0,312
CHR2	12577710	CHR2:12577710	SSF x Near_LoA	-9,75043451	0,088	0,310
CHR2	12577735	CHR2:12577735	SSF x Near_LoA	-9,50856549	0,059	0,305
CHR2	1258016	CHR2:1258016	SSF x Near_LoA	-6,36051118	-0,005	0,302
CHR2	12580257	CHR2:12580257	SSF x Near_LoA	-8,91937686	0,017	0,298
CHR2	12581258	CHR2:12581258	SSF x Near_LoA	-8,49604414	-0,100	0,303
CHR2	12581260	CHR2:12581260	SSF x Near_LoA	-9,11891932	-0,104	0,307
CHR2	12581327	CHR2:12581327	SSF x Near_LoA	-9,85605634	0,052	0,313
CHR2	12581388	CHR2:12581388	SSF x Near_LoA	-9,23974579	0,029	0,300
CHR2	12588280	CHR2:12588280	SSF x Near_LoA	-10,4410743	0,101	0,302
CHR2	12588333	CHR2:12588333	SSF x Near_LoA	-6,89653942	-0,102	0,303
CHR2	12588397	CHR2:12588397	SSF x Near_LoA	-10,3868289	-0,104	0,306
CHR2	12588399	CHR2:12588399	SSF x Near_LoA	-8,73327235	0,018	0,312
CHR2	12596545	CHR2:12596545	SSF x Near_LoA	-2,3503925	0,092	0,304
CHR2	12596599	CHR2:12596599	SSF x Near_LoA	-8,41837493	0,015	0,324
CHR2	12596670	CHR2:12596670	SSF x Near_LoA	-7,71226569	0,076	0,316
CHR2	1260213	CHR2:1260213	SSF x Near_LoA	-11,5067135	0,021	0,312
CHR2	12602226	CHR2:12602226	SSF x Near_LoA	-8,97980028	0,064	0,311
CHR2	12602428	CHR2:12602428	SSF x Near_LoA	-8,19474634	0,071	0,290
CHR2	12602456	CHR2:12602456	SSF x Near_LoA	-7,00219164	0,009	0,313
CHR2	12602543	CHR2:12602543	SSF x Near_LoA	-6,34426291	0,106	0,299
CHR2	1260283	CHR2:1260283	SSF x Near_LoA	-6,66214224	-0,123	0,305
CHR2	1260310	CHR2:1260310	SSF x Near_LoA	-9,55787099	-0,030	0,296
CHR2	1260319	CHR2:1260319	SSF x Near_LoA	-5,98100651	0,130	0,314
CHR2	1260327	CHR2:1260327	SSF x Near_LoA	-9,44186348	-0,075	0,312
CHR2	1260331	CHR2:1260331	SSF x Near_LoA	-9,36043885	-0,067	0,308
CHR2	12644091	CHR2:12644091	SSF x Near_LoA	7,42395744	0,022	0,328

CHR2	12644169	CHR2:12644169	SSF x Near_LoA	-2,09763243	0,060	0,295
CHR2	12644172	CHR2:12644172	SSF x Near_LoA	-10,7968403	0,000	0,309
CHR2	12644180	CHR2:12644180	SSF x Near_LoA	-7,75508285	0,080	0,307
CHR2	12644191	CHR2:12644191	SSF x Near_LoA	-9,31500784	-0,002	0,312
CHR2	12644211	CHR2:12644211	SSF x Near_LoA	-8,19533732	0,003	0,319
CHR2	12652012	CHR2:12652012	SSF x Near_LoA	-8,93877819	0,035	0,307
CHR2	12652135	CHR2:12652135	SSF x Near_LoA	-12,030162	-0,025	0,301
CHR2	12654240	CHR2:12654240	SSF x Near_LoA	-11,3718422	0,047	0,313
CHR2	12657577	CHR2:12657577	SSF x Near_LoA	-7,92388433	-0,085	0,293
CHR2	12657581	CHR2:12657581	SSF x Near_LoA	-11,2107612	-0,016	0,295
CHR2	12657583	CHR2:12657583	SSF x Near_LoA	-4,37379588	0,045	0,302
CHR2	12679005	CHR2:12679005	SSF x Near_LoA	-9,68653536	0,015	0,315
CHR2	12679025	CHR2:12679025	SSF x Near_LoA	-5,63100656	0,061	0,308
CHR2	12679032	CHR2:12679032	SSF x Near_LoA	-8,20913096	0,041	0,311
CHR2	12679036	CHR2:12679036	SSF x Near_LoA	-8,33489314	0,073	0,310
CHR2	12679042	CHR2:12679042	SSF x Near_LoA	-7,85340282	0,024	0,322
CHR2	12679049	CHR2:12679049	SSF x Near_LoA	-12,6485149	0,018	0,300
CHR2	12679056	CHR2:12679056	SSF x Near_LoA	-9,39964551	0,015	0,309
CHR2	12679151	CHR2:12679151	SSF x Near_LoA	-10,9093418	0,007	0,311
CHR2	12679170	CHR2:12679170	SSF x Near_LoA	-10,2457877	0,033	0,314
CHR2	12679175	CHR2:12679175	SSF x Near_LoA	-2,57945672	0,128	0,305
CHR2	12679191	CHR2:12679191	SSF x Near_LoA	-10,7781382	0,008	0,298
CHR2	12679200	CHR2:12679200	SSF x Near_LoA	-4,62326919	0,141	0,302
CHR2	12679204	CHR2:12679204	SSF x Near_LoA	-8,77229658	-0,023	0,309
CHR2	12679206	CHR2:12679206	SSF x Near_LoA	-9,58783567	0,055	0,312
CHR2	12679207	CHR2:12679207	SSF x Near_LoA	-8,07550184	0,105	0,301
CHR2	12694500	CHR2:12694500	SSF x Near_LoA	-7,93097594	0,103	0,300
CHR2	12694517	CHR2:12694517	SSF x Near_LoA	-9,57808288	0,026	0,316
CHR2	12694526	CHR2:12694526	SSF x Near_LoA	-9,39706346	0,050	0,322
CHR2	12694528	CHR2:12694528	SSF x Near_LoA	-8,15574932	0,088	0,301
CHR2	12694530	CHR2:12694530	SSF x Near_LoA	-11,5752657	0,111	0,295
CHR2	12694548	CHR2:12694548	SSF x Near_LoA	-10,957542	0,012	0,301
CHR2	12694599	CHR2:12694599	SSF x Near_LoA	-8,9262081	0,093	0,298
CHR2	12694903	CHR2:12694903	SSF x Near_LoA	-9,43403316	0,136	0,297
CHR2	12694952	CHR2:12694952	SSF x Near_LoA	-11,4887798	-0,049	0,316
CHR2	12694975	CHR2:12694975	SSF x Near_LoA	-10,9890128	0,020	0,305
CHR2	12701943	CHR2:12701943	SSF x Near_LoA	-8,71782087	-0,083	0,324
CHR2	12701971	CHR2:12701971	SSF x Near_LoA	-9,86230058	-0,096	0,315
CHR2	12701985	CHR2:12701985	SSF x Near_LoA	-11,1602107	0,099	0,306
CHR2	12701987	CHR2:12701987	SSF x Near_LoA	-10,0217582	0,080	0,294
CHR2	12702009	CHR2:12702009	SSF x Near_LoA	-10,2404195	-0,063	0,316
CHR2	12702201	CHR2:12702201	SSF x Near_LoA	-10,4775263	-0,083	0,302
CHR2	12702203	CHR2:12702203	SSF x Near_LoA	-11,3877997	0,082	0,291
CHR2	12702243	CHR2:12702243	SSF x Near_LoA	-7,89601644	0,028	0,307
CHR2	12704044	CHR2:12704044	SSF x Near_LoA	-10,0872117	0,063	0,303
CHR2	12704071	CHR2:12704071	SSF x Near_LoA	-10,2202213	-0,029	0,305
CHR2	12704209	CHR2:12704209	SSF x Near_LoA	-10,0499548	-0,042	0,312
CHR2	12704210	CHR2:12704210	SSF x Near_LoA	-9,81266993	-0,020	0,308
CHR2	12704242	CHR2:12704242	SSF x Near_LoA	-10,0049608	-0,097	0,288
CHR2	12707041	CHR2:12707041	SSF x Near_LoA	-11,197963	-0,027	0,307
CHR2	12707263	CHR2:12707263	SSF x Near_LoA	-10,4469222	-0,042	0,308
CHR2	12708502	CHR2:12708502	SSF x Near_LoA	-6,81180149	0,052	0,311
CHR2	12718288	CHR2:12718288	SSF x Near_LoA	-10,9097598	0,083	0,300

CHR2	12722728	CHR2:12722728	SSF x Near_LoA	-9,75463058	0,098	0,303
CHR2	12722773	CHR2:12722773	SSF x Near_LoA	-8,50719992	0,048	0,324
CHR2	12722775	CHR2:12722775	SSF x Near_LoA	-8,95328298	-0,074	0,300
CHR2	12722788	CHR2:12722788	SSF x Near_LoA	-0,76094437	0,215	0,287
CHR2	12722844	CHR2:12722844	SSF x Near_LoA	-9,22650249	-0,004	0,305
CHR2	12723016	CHR2:12723016	SSF x Near_LoA	-3,78399437	0,000	0,305
CHR2	12723025	CHR2:12723025	SSF x Near_LoA	-7,64247248	0,039	0,306
CHR2	12723079	CHR2:12723079	SSF x Near_LoA	-9,46942772	0,016	0,310
CHR2	1272379	CHR2:1272379	SSF x Near_LoA	-8,66458688	-0,065	0,318
CHR2	1272521	CHR2:1272521	SSF x Near_LoA	15,5705137	-0,076	0,309
CHR2	12727075	CHR2:12727075	SSF x Near_LoA	-9,23992932	0,069	0,309
CHR2	12727176	CHR2:12727176	SSF x Near_LoA	-9,00784153	-0,017	0,306
CHR2	12727215	CHR2:12727215	SSF x Near_LoA	-9,19249719	0,027	0,302
CHR2	12727253	CHR2:12727253	SSF x Near_LoA	-5,30487619	0,066	0,311
CHR2	12729096	CHR2:12729096	SSF x Near_LoA	-8,80048561	0,002	0,324
CHR2	12729118	CHR2:12729118	SSF x Near_LoA	-7,67649761	-0,176	0,305
CHR2	12729120	CHR2:12729120	SSF x Near_LoA	-6,6098776	-0,196	0,300
CHR2	12729126	CHR2:12729126	SSF x Near_LoA	-7,04533678	-0,191	0,299
CHR2	12729127	CHR2:12729127	SSF x Near_LoA	-7,2908976	-0,185	0,303
CHR2	12729227	CHR2:12729227	SSF x Near_LoA	-8,29676507	0,137	0,288
CHR2	12729244	CHR2:12729244	SSF x Near_LoA	-5,96471282	-0,193	0,284
CHR2	12729326	CHR2:12729326	SSF x Near_LoA	-7,87304919	-0,087	0,302
CHR2	12731592	CHR2:12731592	SSF x Near_LoA	-9,0811852	0,077	0,306
CHR2	12731679	CHR2:12731679	SSF x Near_LoA	-7,39243553	0,026	0,323
CHR2	12737347	CHR2:12737347	SSF x Near_LoA	-6,8792576	0,186	0,278
CHR2	12737425	CHR2:12737425	SSF x Near_LoA	-8,95784481	-0,054	0,305
CHR2	12737467	CHR2:12737467	SSF x Near_LoA	-9,26891712	0,012	0,294
CHR2	12737489	CHR2:12737489	SSF x Near_LoA	-9,01133618	0,037	0,302
CHR2	12738875	CHR2:12738875	SSF x Near_LoA	-8,3289727	0,105	0,313
CHR2	12738984	CHR2:12738984	SSF x Near_LoA	-11,5483115	-0,014	0,309
CHR2	12747062	CHR2:12747062	SSF x Near_LoA	-3,17877201	-0,079	0,307
CHR2	12747164	CHR2:12747164	SSF x Near_LoA	-8,08761285	0,074	0,311
CHR2	12747718	CHR2:12747718	SSF x Near_LoA	-9,64735196	0,053	0,326
CHR2	1275435	CHR2:1275435	SSF x Near_LoA	-11,3956051	-0,045	0,310
CHR2	1275461	CHR2:1275461	SSF x Near_LoA	-10,3745046	-0,048	0,295
CHR2	1275469	CHR2:1275469	SSF x Near_LoA	-11,5538914	-0,072	0,303
CHR2	1275476	CHR2:1275476	SSF x Near_LoA	-10,667204	-0,048	0,306
CHR2	1275480	CHR2:1275480	SSF x Near_LoA	-8,24914763	-0,035	0,311
CHR2	1275481	CHR2:1275481	SSF x Near_LoA	-10,3546319	-0,052	0,301
CHR2	1275503	CHR2:1275503	SSF x Near_LoA	-9,56981297	-0,033	0,319
CHR2	12766470	CHR2:12766470	SSF x Near_LoA	-7,94948625	-0,011	0,321
CHR2	12766508	CHR2:12766508	SSF x Near_LoA	-11,7785513	-0,055	0,297
CHR2	12766512	CHR2:12766512	SSF x Near_LoA	-9,69297093	0,111	0,302
CHR2	12766539	CHR2:12766539	SSF x Near_LoA	-8,79391682	-0,089	0,298
CHR2	12766566	CHR2:12766566	SSF x Near_LoA	-8,65725778	0,088	0,306
CHR2	12766571	CHR2:12766571	SSF x Near_LoA	-6,81848021	0,105	0,298
CHR2	12766677	CHR2:12766677	SSF x Near_LoA	-10,5808378	0,014	0,293
CHR2	12766686	CHR2:12766686	SSF x Near_LoA	-5,69872926	0,031	0,298
CHR2	12766729	CHR2:12766729	SSF x Near_LoA	-8,7074257	0,009	0,307
CHR2	12766750	CHR2:12766750	SSF x Near_LoA	-5,01721023	-0,006	0,305
CHR2	12768751	CHR2:12768751	SSF x Near_LoA	-7,34479061	0,041	0,305
CHR2	12768762	CHR2:12768762	SSF x Near_LoA	-8,69878449	-0,046	0,312
CHR2	12768769	CHR2:12768769	SSF x Near_LoA	-8,099576	-0,018	0,322

CHR2	12768797	CHR2:12768797	SSF x Near_LoA	-11,2316783	-0,035	0,302
CHR2	1277918	CHR2:1277918	SSF x Near_LoA	-10,101623	-0,006	0,305
CHR2	12787652	CHR2:12787652	SSF x Near_LoA	-7,98224624	0,153	0,282
CHR2	12787701	CHR2:12787701	SSF x Near_LoA	-9,66991005	0,077	0,308
CHR2	12787715	CHR2:12787715	SSF x Near_LoA	-6,94697644	-0,145	0,299
CHR2	12795428	CHR2:12795428	SSF x Near_LoA	-10,4289341	-0,001	0,312
CHR2	12795442	CHR2:12795442	SSF x Near_LoA	-8,52071417	-0,039	0,311
CHR2	12798426	CHR2:12798426	SSF x Near_LoA	-10,2280536	0,027	0,304
CHR2	12802009	CHR2:12802009	SSF x Near_LoA	-8,88893813	0,015	0,307
CHR2	12802094	CHR2:12802094	SSF x Near_LoA	-11,2375315	-0,058	0,314
CHR2	12802112	CHR2:12802112	SSF x Near_LoA	-9,91368891	-0,011	0,302
CHR2	12802252	CHR2:12802252	SSF x Near_LoA	-8,31102253	0,058	0,313
CHR2	12821881	CHR2:12821881	SSF x Near_LoA	-7,22560576	0,083	0,325
CHR2	12822529	CHR2:12822529	SSF x Near_LoA	-10,093417	-0,015	0,304
CHR2	12822531	CHR2:12822531	SSF x Near_LoA	-10,2759314	-0,025	0,304
CHR2	12822613	CHR2:12822613	SSF x Near_LoA	-9,98484896	-0,097	0,292
CHR2	12833298	CHR2:12833298	SSF x Near_LoA	-10,7947928	0,095	0,305
CHR2	12834279	CHR2:12834279	SSF x Near_LoA	-10,9006293	0,089	0,296
CHR2	12838587	CHR2:12838587	SSF x Near_LoA	-8,87065138	-0,114	0,299
CHR2	12838674	CHR2:12838674	SSF x Near_LoA	-8,28036942	-0,006	0,319
CHR2	12841916	CHR2:12841916	SSF x Near_LoA	-7,40888597	0,160	0,294
CHR2	12843303	CHR2:12843303	SSF x Near_LoA	-7,08124044	0,063	0,303
CHR2	12845051	CHR2:12845051	SSF x Near_LoA	-8,76468625	0,077	0,311
CHR2	12845118	CHR2:12845118	SSF x Near_LoA	-9,37145197	-0,045	0,319
CHR2	12850173	CHR2:12850173	SSF x Near_LoA	-8,54153331	-0,083	0,295
CHR2	12850197	CHR2:12850197	SSF x Near_LoA	-10,4503868	0,067	0,328
CHR2	12850252	CHR2:12850252	SSF x Near_LoA	-8,79184629	-0,113	0,310
CHR2	12850257	CHR2:12850257	SSF x Near_LoA	-11,0262332	-0,005	0,319
CHR2	12850286	CHR2:12850286	SSF x Near_LoA	-9,26231943	0,006	0,312
CHR2	12854178	CHR2:12854178	SSF x Near_LoA	-10,1809134	-0,021	0,306
CHR2	12854227	CHR2:12854227	SSF x Near_LoA	-8,29438247	0,018	0,315
CHR2	12854302	CHR2:12854302	SSF x Near_LoA	-8,24543082	-0,079	0,313
CHR2	12870985	CHR2:12870985	SSF x Near_LoA	-9,57153002	-0,136	0,312
CHR2	12870990	CHR2:12870990	SSF x Near_LoA	-10,4828154	-0,062	0,301
CHR2	12871016	CHR2:12871016	SSF x Near_LoA	-1,53062454	0,123	0,312
CHR2	12871379	CHR2:12871379	SSF x Near_LoA	-11,3114146	0,045	0,289
CHR2	12871385	CHR2:12871385	SSF x Near_LoA	-8,64632699	0,056	0,312
CHR2	12873019	CHR2:12873019	SSF x Near_LoA	-10,0913109	-0,003	0,298
CHR2	12873073	CHR2:12873073	SSF x Near_LoA	-9,81585614	0,004	0,301
CHR2	12873151	CHR2:12873151	SSF x Near_LoA	-9,5740114	0,048	0,292
CHR2	12876398	CHR2:12876398	SSF x Near_LoA	-9,3473462	0,003	0,317
CHR2	12876485	CHR2:12876485	SSF x Near_LoA	-8,75818246	-0,177	0,319
CHR2	12876505	CHR2:12876505	SSF x Near_LoA	-8,61205252	0,057	0,305
CHR2	12876547	CHR2:12876547	SSF x Near_LoA	-9,99203663	-0,081	0,311
CHR2	12880158	CHR2:12880158	SSF x Near_LoA	-10,5569164	-0,010	0,316
CHR2	12892176	CHR2:12892176	SSF x Near_LoA	-11,1256706	-0,058	0,300
CHR2	12895217	CHR2:12895217	SSF x Near_LoA	-9,66444967	0,093	0,313
CHR2	12895276	CHR2:12895276	SSF x Near_LoA	-6,51162117	0,164	0,306
CHR2	12895356	CHR2:12895356	SSF x Near_LoA	-10,1046766	-0,004	0,317
CHR2	12911357	CHR2:12911357	SSF x Near_LoA	-8,41538116	-0,038	0,317
CHR2	12911438	CHR2:12911438	SSF x Near_LoA	-10,9858215	0,128	0,307
CHR2	12911605	CHR2:12911605	SSF x Near_LoA	-10,2378738	0,020	0,316
CHR2	12911617	CHR2:12911617	SSF x Near_LoA	-10,6136687	0,096	0,309

CHR2	12911629	CHR2:12911629	SSF x Near_LoA	-9,58353184	0,047	0,316
CHR2	12918029	CHR2:12918029	SSF x Near_LoA	-7,07856784	-0,113	0,297
CHR2	12918037	CHR2:12918037	SSF x Near_LoA	-8,66722912	-0,146	0,289
CHR2	12932426	CHR2:12932426	SSF x Near_LoA	-11,9004276	0,062	0,302
CHR2	12932430	CHR2:12932430	SSF x Near_LoA	-9,23463994	0,070	0,297
CHR2	12932447	CHR2:12932447	SSF x Near_LoA	-9,82167878	0,059	0,303
CHR2	12937622	CHR2:12937622	SSF x Near_LoA	-11,3771175	0,002	0,309
CHR2	12938833	CHR2:12938833	SSF x Near_LoA	-10,1182854	0,060	0,311
CHR2	12938860	CHR2:12938860	SSF x Near_LoA	-8,82720063	-0,095	0,316
CHR2	12938879	CHR2:12938879	SSF x Near_LoA	-7,34271332	-0,093	0,305
CHR2	12938946	CHR2:12938946	SSF x Near_LoA	-8,85612537	0,060	0,304
CHR2	12947452	CHR2:12947452	SSF x Near_LoA	-9,79905773	-0,180	0,305
CHR2	12947462	CHR2:12947462	SSF x Near_LoA	-10,5176627	0,084	0,307
CHR2	12947466	CHR2:12947466	SSF x Near_LoA	-11,1319271	0,012	0,310
CHR2	12947506	CHR2:12947506	SSF x Near_LoA	-11,992531	-0,007	0,306
CHR2	1295578	CHR2:1295578	SSF x Near_LoA	-9,19055019	-0,047	0,318
CHR2	1295581	CHR2:1295581	SSF x Near_LoA	-7,17056426	-0,125	0,307
CHR2	12957423	CHR2:12957423	SSF x Near_LoA	-9,7454368	0,010	0,306
CHR2	12957426	CHR2:12957426	SSF x Near_LoA	-10,2407088	-0,018	0,306
CHR2	12957429	CHR2:12957429	SSF x Near_LoA	-10,2136651	0,015	0,305
CHR2	12957462	CHR2:12957462	SSF x Near_LoA	-1,43503032	0,067	0,307
CHR2	12968325	CHR2:12968325	SSF x Near_LoA	-5,18223186	0,139	0,297
CHR2	1297297	CHR2:1297297	SSF x Near_LoA	-3,85858277	-0,039	0,317
CHR2	1297304	CHR2:1297304	SSF x Near_LoA	-6,69485084	-0,100	0,306
CHR2	1297379	CHR2:1297379	SSF x Near_LoA	-10,8083876	0,101	0,305
CHR2	1297387	CHR2:1297387	SSF x Near_LoA	-8,34770922	0,051	0,311
CHR2	1297397	CHR2:1297397	SSF x Near_LoA	-10,224318	0,004	0,319
CHR2	12974740	CHR2:12974740	SSF x Near_LoA	-10,2944803	-0,019	0,318
CHR2	12974817	CHR2:12974817	SSF x Near_LoA	-8,86357609	0,058	0,297
CHR2	12974843	CHR2:12974843	SSF x Near_LoA	-10,1579987	0,059	0,296
CHR2	12974845	CHR2:12974845	SSF x Near_LoA	-9,93217605	0,017	0,308
CHR2	12974853	CHR2:12974853	SSF x Near_LoA	-7,81013401	0,056	0,298
CHR2	12974860	CHR2:12974860	SSF x Near_LoA	-11,2427755	0,018	0,320
CHR2	12974865	CHR2:12974865	SSF x Near_LoA	-11,5455573	0,024	0,290
CHR2	12974890	CHR2:12974890	SSF x Near_LoA	-12,2236129	0,002	0,303
CHR2	12974893	CHR2:12974893	SSF x Near_LoA	-9,72271968	-0,015	0,312
CHR2	12974909	CHR2:12974909	SSF x Near_LoA	-9,11120055	0,085	0,304
CHR2	12974910	CHR2:12974910	SSF x Near_LoA	-8,49057037	0,088	0,317
CHR2	12974921	CHR2:12974921	SSF x Near_LoA	-11,7154066	-0,013	0,290
CHR2	12974957	CHR2:12974957	SSF x Near_LoA	-9,98209505	0,002	0,307
CHR2	12974958	CHR2:12974958	SSF x Near_LoA	-9,44302916	-0,048	0,306
CHR2	12974960	CHR2:12974960	SSF x Near_LoA	-10,074373	-0,022	0,312
CHR2	12974961	CHR2:12974961	SSF x Near_LoA	-10,0331619	-0,032	0,299
CHR2	12974970	CHR2:12974970	SSF x Near_LoA	-8,06081931	-0,035	0,312
CHR2	12974971	CHR2:12974971	SSF x Near_LoA	-11,3882136	-0,030	0,294
CHR2	12975001	CHR2:12975001	SSF x Near_LoA	-7,3388192	0,031	0,321
CHR2	12975020	CHR2:12975020	SSF x Near_LoA	-7,86444359	-0,096	0,301
CHR2	12975025	CHR2:12975025	SSF x Near_LoA	-8,39814446	0,041	0,309
CHR2	12975094	CHR2:12975094	SSF x Near_LoA	-11,596301	0,004	0,295
CHR2	1297535	CHR2:1297535	SSF x Near_LoA	-7,13864312	-0,029	0,302
CHR2	12985060	CHR2:12985060	SSF x Near_LoA	-5,8919925	-0,020	0,301
CHR2	12985068	CHR2:12985068	SSF x Near_LoA	-8,42957899	-0,061	0,310
CHR2	12985073	CHR2:12985073	SSF x Near_LoA	-9,83010187	0,021	0,306

CHR2	12985088	CHR2:12985088	SSF x Near_LoA	-6,11723833	0,140	0,298
CHR2	12985089	CHR2:12985089	SSF x Near_LoA	-10,0880051	0,156	0,289
CHR2	12985107	CHR2:12985107	SSF x Near_LoA	-9,07409762	0,147	0,283
CHR2	12985109	CHR2:12985109	SSF x Near_LoA	-8,73077543	0,127	0,303
CHR2	12985115	CHR2:12985115	SSF x Near_LoA	-8,40396486	0,040	0,309
CHR2	12985133	CHR2:12985133	SSF x Near_LoA	-10,2031183	0,132	0,297
CHR2	12985163	CHR2:12985163	SSF x Near_LoA	-8,38488681	0,142	0,292
CHR2	13012314	CHR2:13012314	SSF x Near_LoA	-10,7738616	0,079	0,321
CHR2	13013542	CHR2:13013542	SSF x Near_LoA	-9,46937431	0,070	0,310
CHR2	13038239	CHR2:13038239	SSF x Near_LoA	-11,453196	-0,054	0,303
CHR2	13038309	CHR2:13038309	SSF x Near_LoA	-9,33898803	0,047	0,309
CHR2	13047877	CHR2:13047877	SSF x Near_LoA	-8,79940071	0,009	0,309
CHR2	13048688	CHR2:13048688	SSF x Near_LoA	-9,29524482	0,052	0,309
CHR2	13049856	CHR2:13049856	SSF x Near_LoA	-7,28508328	0,066	0,312
CHR2	13049898	CHR2:13049898	SSF x Near_LoA	-8,46964635	0,006	0,315
CHR2	13050011	CHR2:13050011	SSF x Near_LoA	-9,63797578	-0,010	0,313
CHR2	13057044	CHR2:13057044	SSF x Near_LoA	-8,56656738	-0,133	0,286
CHR2	13057045	CHR2:13057045	SSF x Near_LoA	-10,4018591	0,108	0,311
CHR2	13106559	CHR2:13106559	SSF x Near_LoA	-8,85896612	0,031	0,313
CHR2	13106606	CHR2:13106606	SSF x Near_LoA	-6,44796609	-0,046	0,321
CHR2	13106617	CHR2:13106617	SSF x Near_LoA	-10,9792227	-0,045	0,294
CHR2	13106699	CHR2:13106699	SSF x Near_LoA	-8,35595199	0,076	0,315
CHR2	13106707	CHR2:13106707	SSF x Near_LoA	-7,02408105	0,045	0,326
CHR2	13107710	CHR2:13107710	SSF x Near_LoA	-11,7103301	0,037	0,300
CHR2	13107739	CHR2:13107739	SSF x Near_LoA	-11,0440091	-0,016	0,311
CHR2	13111979	CHR2:13111979	SSF x Near_LoA	-9,58321873	0,105	0,296
CHR2	13112074	CHR2:13112074	SSF x Near_LoA	-11,4835074	0,036	0,319
CHR2	13113618	CHR2:13113618	SSF x Near_LoA	-10,952908	0,069	0,300
CHR2	13114913	CHR2:13114913	SSF x Near_LoA	-11,0096668	0,006	0,309
CHR2	13114916	CHR2:13114916	SSF x Near_LoA	-10,1685977	-0,021	0,311
CHR2	13115249	CHR2:13115249	SSF x Near_LoA	-9,00803769	-0,085	0,308
CHR2	13115316	CHR2:13115316	SSF x Near_LoA	-9,06620681	-0,053	0,296
CHR2	13115327	CHR2:13115327	SSF x Near_LoA	-9,47978039	-0,041	0,312
CHR2	13116799	CHR2:13116799	SSF x Near_LoA	3,30999643	0,064	0,320
CHR2	13116814	CHR2:13116814	SSF x Near_LoA	-7,33056489	0,070	0,300
CHR2	13116846	CHR2:13116846	SSF x Near_LoA	-9,66119982	-0,115	0,311
CHR2	13116982	CHR2:13116982	SSF x Near_LoA	-5,02544367	0,052	0,313
CHR2	13156322	CHR2:13156322	SSF x Near_LoA	-8,60602145	-0,115	0,313
CHR2	13163895	CHR2:13163895	SSF x Near_LoA	-9,83237393	0,018	0,313
CHR2	13163925	CHR2:13163925	SSF x Near_LoA	-8,17508641	0,056	0,330
CHR2	13164536	CHR2:13164536	SSF x Near_LoA	-8,44994404	-0,067	0,301
CHR2	13164558	CHR2:13164558	SSF x Near_LoA	-9,8143923	0,034	0,309
CHR2	13164572	CHR2:13164572	SSF x Near_LoA	-8,31823408	-0,110	0,323
CHR2	13165420	CHR2:13165420	SSF x Near_LoA	-7,31594742	-0,125	0,307
CHR2	13165423	CHR2:13165423	SSF x Near_LoA	-7,36316452	0,151	0,307
CHR2	13165478	CHR2:13165478	SSF x Near_LoA	-9,1171637	-0,143	0,320
CHR2	13165535	CHR2:13165535	SSF x Near_LoA	-9,27286799	0,023	0,309
CHR2	13165609	CHR2:13165609	SSF x Near_LoA	-7,38170501	0,061	0,301
CHR2	13167383	CHR2:13167383	SSF x Near_LoA	-10,93504	0,058	0,299
CHR2	13170988	CHR2:13170988	SSF x Near_LoA	-10,1316593	0,056	0,298
CHR2	13186458	CHR2:13186458	SSF x Near_LoA	-8,94937646	-0,135	0,313
CHR2	13189179	CHR2:13189179	SSF x Near_LoA	-7,78315416	0,040	0,319
CHR2	13189180	CHR2:13189180	SSF x Near_LoA	-8,84991581	0,007	0,313

CHR2	13189241	CHR2:13189241	SSF x Near_LoA	-8,18456929	-0,024	0,317
CHR2	13189307	CHR2:13189307	SSF x Near_LoA	-8,80548913	-0,008	0,308
CHR2	13189337	CHR2:13189337	SSF x Near_LoA	-8,48684551	0,013	0,314
CHR2	13189340	CHR2:13189340	SSF x Near_LoA	-10,8395744	0,106	0,317
CHR2	13189391	CHR2:13189391	SSF x Near_LoA	-9,41523221	0,026	0,295
CHR2	13204771	CHR2:13204771	SSF x Near_LoA	-8,43379032	0,041	0,308
CHR2	13204774	CHR2:13204774	SSF x Near_LoA	-10,2662866	-0,024	0,332
CHR2	13204824	CHR2:13204824	SSF x Near_LoA	-10,8371489	-0,001	0,306
CHR2	13204880	CHR2:13204880	SSF x Near_LoA	-8,98381768	-0,003	0,301
CHR2	13204920	CHR2:13204920	SSF x Near_LoA	-2,89451922	-0,089	0,307
CHR2	13209509	CHR2:13209509	SSF x Near_LoA	-9,3353566	0,009	0,306
CHR2	13209515	CHR2:13209515	SSF x Near_LoA	-8,98241924	0,038	0,299
CHR2	13209548	CHR2:13209548	SSF x Near_LoA	-6,55334432	0,107	0,288
CHR2	13213912	CHR2:13213912	SSF x Near_LoA	-11,7434187	0,039	0,308
CHR2	13213923	CHR2:13213923	SSF x Near_LoA	-11,2038163	0,032	0,289
CHR2	13213941	CHR2:13213941	SSF x Near_LoA	-10,7961327	-0,051	0,295
CHR2	13214008	CHR2:13214008	SSF x Near_LoA	-8,69586974	-0,009	0,314
CHR2	13214015	CHR2:13214015	SSF x Near_LoA	-8,22557207	0,053	0,336
CHR2	13214018	CHR2:13214018	SSF x Near_LoA	-8,87216949	-0,051	0,320
CHR2	13214025	CHR2:13214025	SSF x Near_LoA	-8,3227121	-0,012	0,320
CHR2	13214075	CHR2:13214075	SSF x Near_LoA	-8,54917603	-0,042	0,309
CHR2	13214076	CHR2:13214076	SSF x Near_LoA	-9,91508252	0,081	0,316
CHR2	13216577	CHR2:13216577	SSF x Near_LoA	-3,30227657	-0,043	0,312
CHR2	13232065	CHR2:13232065	SSF x Near_LoA	-8,6483353	-0,190	0,305
CHR2	13232068	CHR2:13232068	SSF x Near_LoA	-9,61345613	-0,053	0,284
CHR2	13232084	CHR2:13232084	SSF x Near_LoA	-8,51824892	0,087	0,306
CHR2	13241115	CHR2:13241115	SSF x Near_LoA	-10,1030724	0,026	0,298
CHR2	13249710	CHR2:13249710	SSF x Near_LoA	-10,0422581	-0,079	0,320
CHR2	13249741	CHR2:13249741	SSF x Near_LoA	-9,90438261	-0,014	0,299
CHR2	13252728	CHR2:13252728	SSF x Near_LoA	-9,32275711	-0,029	0,320
CHR2	13252881	CHR2:13252881	SSF x Near_LoA	-8,27758585	0,002	0,302
CHR2	13278466	CHR2:13278466	SSF x Near_LoA	-9,21863414	-0,081	0,300
CHR2	13305446	CHR2:13305446	SSF x Near_LoA	-6,21778222	-0,147	0,306
CHR2	13305622	CHR2:13305622	SSF x Near_LoA	-7,90675975	-0,034	0,306
CHR2	13330559	CHR2:13330559	SSF x Near_LoA	-5,76269445	-0,112	0,310
CHR2	13330560	CHR2:13330560	SSF x Near_LoA	-8,05124255	-0,094	0,306
CHR2	13330588	CHR2:13330588	SSF x Near_LoA	-9,09702919	-0,024	0,318
CHR2	13331696	CHR2:13331696	SSF x Near_LoA	-8,41443242	-0,015	0,323
CHR2	13331716	CHR2:13331716	SSF x Near_LoA	-6,91153859	-0,035	0,325
CHR2	13338975	CHR2:13338975	SSF x Near_LoA	-9,32501079	-0,002	0,311
CHR2	13339005	CHR2:13339005	SSF x Near_LoA	-7,65181538	0,069	0,315
CHR2	13342275	CHR2:13342275	SSF x Near_LoA	-9,16923766	-0,028	0,312
CHR2	13342820	CHR2:13342820	SSF x Near_LoA	-10,7301735	0,004	0,310
CHR2	13344742	CHR2:13344742	SSF x Near_LoA	-10,0896812	-0,042	0,309
CHR2	13344793	CHR2:13344793	SSF x Near_LoA	-11,685684	0,050	0,290
CHR2	13344888	CHR2:13344888	SSF x Near_LoA	-9,75782909	-0,144	0,307
CHR2	13344936	CHR2:13344936	SSF x Near_LoA	-8,81268603	-0,021	0,318
CHR2	13344999	CHR2:13344999	SSF x Near_LoA	-8,98461604	0,017	0,331
CHR2	13353166	CHR2:13353166	SSF x Near_LoA	-9,45830493	0,081	0,314
CHR2	13353182	CHR2:13353182	SSF x Near_LoA	-9,83179545	0,036	0,309
CHR2	13353232	CHR2:13353232	SSF x Near_LoA	-7,6160356	0,092	0,308
CHR2	13355037	CHR2:13355037	SSF x Near_LoA	-9,23465806	0,106	0,312
CHR2	13355038	CHR2:13355038	SSF x Near_LoA	-8,19428344	0,090	0,319

CHR2	13355043	CHR2:13355043	SSF x Near_LoA	-6,98096657	0,083	0,304
CHR2	13355046	CHR2:13355046	SSF x Near_LoA	-7,8710236	0,091	0,315
CHR2	13355070	CHR2:13355070	SSF x Near_LoA	-10,9282024	-0,003	0,312
CHR2	13356015	CHR2:13356015	SSF x Near_LoA	-7,13266808	0,118	0,308
CHR2	13356228	CHR2:13356228	SSF x Near_LoA	-8,1775581	0,042	0,314
CHR2	13356229	CHR2:13356229	SSF x Near_LoA	-7,01500699	0,006	0,315
CHR2	13356288	CHR2:13356288	SSF x Near_LoA	-9,2868324	0,059	0,310
CHR2	13358379	CHR2:13358379	SSF x Near_LoA	-3,95167026	0,204	0,303
CHR2	13358380	CHR2:13358380	SSF x Near_LoA	-6,72260386	0,002	0,317
CHR2	13359059	CHR2:13359059	SSF x Near_LoA	-9,21901395	-0,045	0,301
CHR2	13364321	CHR2:13364321	SSF x Near_LoA	-5,84126481	0,093	0,300
CHR2	13364374	CHR2:13364374	SSF x Near_LoA	-5,86832846	-0,095	0,289
CHR2	13365182	CHR2:13365182	SSF x Near_LoA	-6,84207194	-0,126	0,298
CHR2	13365199	CHR2:13365199	SSF x Near_LoA	-11,439882	-0,039	0,311
CHR2	13365241	CHR2:13365241	SSF x Near_LoA	-11,253149	0,042	0,315
CHR2	13365292	CHR2:13365292	SSF x Near_LoA	-9,74783327	0,066	0,304
CHR2	13367881	CHR2:13367881	SSF x Near_LoA	-10,9248779	-0,054	0,307
CHR2	13367882	CHR2:13367882	SSF x Near_LoA	-10,6210446	-0,047	0,324
CHR2	13367966	CHR2:13367966	SSF x Near_LoA	-10,0739307	0,061	0,310
CHR2	13377341	CHR2:13377341	SSF x Near_LoA	-11,5620446	0,059	0,295
CHR2	1337807	CHR2:1337807	SSF x Near_LoA	-10,2878339	0,115	0,314
CHR2	1338970	CHR2:1338970	SSF x Near_LoA	-8,55593499	0,140	0,304
CHR2	1338979	CHR2:1338979	SSF x Near_LoA	-5,94816369	0,094	0,305
CHR2	1339010	CHR2:1339010	SSF x Near_LoA	-8,02903512	-0,062	0,305
CHR2	1339011	CHR2:1339011	SSF x Near_LoA	-9,89290052	-0,076	0,304
CHR2	13390250	CHR2:13390250	SSF x Near_LoA	-11,0819699	0,098	0,316
CHR2	13390390	CHR2:13390390	SSF x Near_LoA	-9,24435266	-0,006	0,310
CHR2	1339079	CHR2:1339079	SSF x Near_LoA	-8,1616492	-0,107	0,315
CHR2	1339100	CHR2:1339100	SSF x Near_LoA	-9,87779236	0,008	0,291
CHR2	13391842	CHR2:13391842	SSF x Near_LoA	-10,4046414	0,035	0,314
CHR2	13393219	CHR2:13393219	SSF x Near_LoA	-5,87550362	0,200	0,305
CHR2	13393228	CHR2:13393228	SSF x Near_LoA	-10,8033551	-0,011	0,317
CHR2	13393308	CHR2:13393308	SSF x Near_LoA	-10,8314561	-0,131	0,302
CHR2	13398967	CHR2:13398967	SSF x Near_LoA	-9,25494744	0,002	0,318
CHR2	13399026	CHR2:13399026	SSF x Near_LoA	-8,41187068	-0,154	0,308
CHR2	13399028	CHR2:13399028	SSF x Near_LoA	-9,36534006	-0,041	0,315
CHR2	13399031	CHR2:13399031	SSF x Near_LoA	-9,97939806	-0,055	0,311
CHR2	13399032	CHR2:13399032	SSF x Near_LoA	-9,71159632	-0,031	0,313
CHR2	13399089	CHR2:13399089	SSF x Near_LoA	-4,71149396	0,024	0,307
CHR2	13400796	CHR2:13400796	SSF x Near_LoA	-11,3311426	-0,021	0,294
CHR2	13400804	CHR2:13400804	SSF x Near_LoA	-9,90368593	0,190	0,301
CHR2	13400831	CHR2:13400831	SSF x Near_LoA	-9,44671632	0,006	0,306
CHR2	13400834	CHR2:13400834	SSF x Near_LoA	-10,9160036	0,125	0,304
CHR2	13400835	CHR2:13400835	SSF x Near_LoA	-10,27187	-0,020	0,311
CHR2	13400842	CHR2:13400842	SSF x Near_LoA	-5,94475325	0,107	0,308
CHR2	13400844	CHR2:13400844	SSF x Near_LoA	-4,2650571	0,145	0,307
CHR2	13400854	CHR2:13400854	SSF x Near_LoA	-8,67870247	0,155	0,310
CHR2	13400858	CHR2:13400858	SSF x Near_LoA	-11,2178975	0,004	0,308
CHR2	13400861	CHR2:13400861	SSF x Near_LoA	-8,55979178	0,127	0,309
CHR2	13400876	CHR2:13400876	SSF x Near_LoA	-8,53833205	-0,011	0,311
CHR2	13400910	CHR2:13400910	SSF x Near_LoA	-10,467532	0,011	0,317
CHR2	13401004	CHR2:13401004	SSF x Near_LoA	-8,00268219	-0,038	0,320
CHR2	13401006	CHR2:13401006	SSF x Near_LoA	-10,6385959	0,097	0,293

CHR2	13401009	CHR2:13401009	SSF x Near_LoA	-8,75717617	-0,039	0,311
CHR2	13401109	CHR2:13401109	SSF x Near_LoA	-7,52782665	-0,047	0,318
CHR2	13401114	CHR2:13401114	SSF x Near_LoA	-10,8202525	0,121	0,301
CHR2	13403238	CHR2:13403238	SSF x Near_LoA	-8,04225041	-0,037	0,324
CHR2	13403297	CHR2:13403297	SSF x Near_LoA	-10,4445263	0,060	0,313
CHR2	13403345	CHR2:13403345	SSF x Near_LoA	-10,7218538	0,069	0,295
CHR2	13405212	CHR2:13405212	SSF x Near_LoA	-11,0193344	-0,063	0,308
CHR2	13405258	CHR2:13405258	SSF x Near_LoA	-7,77109368	-0,001	0,307
CHR2	13405312	CHR2:13405312	SSF x Near_LoA	-3,49681483	0,134	0,292
CHR2	1341253	CHR2:1341253	SSF x Near_LoA	-9,40835978	0,035	0,301
CHR2	1341295	CHR2:1341295	SSF x Near_LoA	-7,63952068	-0,044	0,307
CHR2	1341389	CHR2:1341389	SSF x Near_LoA	-9,400154	-0,037	0,304
CHR2	13420433	CHR2:13420433	SSF x Near_LoA	-8,08844251	0,061	0,300
CHR2	13422536	CHR2:13422536	SSF x Near_LoA	-7,18901846	0,089	0,300
CHR2	13425116	CHR2:13425116	SSF x Near_LoA	-7,82528382	0,040	0,317
CHR2	13425136	CHR2:13425136	SSF x Near_LoA	-9,90781541	0,051	0,308
CHR2	13425178	CHR2:13425178	SSF x Near_LoA	-11,3832795	-0,019	0,310
CHR2	13425185	CHR2:13425185	SSF x Near_LoA	-3,51067214	-0,252	0,289
CHR2	13425194	CHR2:13425194	SSF x Near_LoA	-5,57785731	-0,257	0,280
CHR2	13425195	CHR2:13425195	SSF x Near_LoA	-6,50977074	0,175	0,293
CHR2	13425214	CHR2:13425214	SSF x Near_LoA	-5,83687627	0,206	0,311
CHR2	13425247	CHR2:13425247	SSF x Near_LoA	-1,148934	0,186	0,300
CHR2	13426564	CHR2:13426564	SSF x Near_LoA	-9,2125988	0,007	0,297
CHR2	13436424	CHR2:13436424	SSF x Near_LoA	-9,14473782	0,060	0,309
CHR2	13436458	CHR2:13436458	SSF x Near_LoA	-4,48581623	0,003	0,290
CHR2	13436593	CHR2:13436593	SSF x Near_LoA	-9,28922761	0,066	0,324
CHR2	13436675	CHR2:13436675	SSF x Near_LoA	6,04335413	-0,080	0,324
CHR2	13436682	CHR2:13436682	SSF x Near_LoA	-8,56466741	-0,117	0,295
CHR2	13436688	CHR2:13436688	SSF x Near_LoA	-7,88553799	-0,112	0,304
CHR2	13436689	CHR2:13436689	SSF x Near_LoA	-10,2110448	0,051	0,317
CHR2	13453163	CHR2:13453163	SSF x Near_LoA	-8,95322591	-0,055	0,316
CHR2	13453164	CHR2:13453164	SSF x Near_LoA	-10,054127	0,090	0,316
CHR2	13453174	CHR2:13453174	SSF x Near_LoA	-8,74949309	-0,086	0,301
CHR2	13453201	CHR2:13453201	SSF x Near_LoA	-11,1421987	-0,050	0,301
CHR2	13453207	CHR2:13453207	SSF x Near_LoA	-9,85265588	0,121	0,299
CHR2	13453261	CHR2:13453261	SSF x Near_LoA	-8,70951127	0,201	0,298
CHR2	13457328	CHR2:13457328	SSF x Near_LoA	-9,78223416	0,009	0,301
CHR2	13457365	CHR2:13457365	SSF x Near_LoA	-4,16360115	-0,116	0,305
CHR2	13457370	CHR2:13457370	SSF x Near_LoA	-7,02337171	0,020	0,318
CHR2	13457392	CHR2:13457392	SSF x Near_LoA	-9,30027194	0,104	0,307
CHR2	13457403	CHR2:13457403	SSF x Near_LoA	-10,2307984	0,031	0,311
CHR2	13457424	CHR2:13457424	SSF x Near_LoA	-9,09697956	0,096	0,305
CHR2	13457760	CHR2:13457760	SSF x Near_LoA	-11,8683284	0,032	0,312
CHR2	13457777	CHR2:13457777	SSF x Near_LoA	-3,84610613	-0,113	0,307
CHR2	13457800	CHR2:13457800	SSF x Near_LoA	-7,02470276	0,039	0,302
CHR2	13457873	CHR2:13457873	SSF x Near_LoA	-8,83224043	0,028	0,312
CHR2	13460537	CHR2:13460537	SSF x Near_LoA	-10,7405918	-0,157	0,295
CHR2	13460911	CHR2:13460911	SSF x Near_LoA	-11,0598181	0,089	0,306
CHR2	13460922	CHR2:13460922	SSF x Near_LoA	-10,0763324	0,050	0,299
CHR2	13467336	CHR2:13467336	SSF x Near_LoA	-8,51468313	-0,089	0,308
CHR2	13467455	CHR2:13467455	SSF x Near_LoA	-9,60877728	0,166	0,297
CHR2	13468875	CHR2:13468875	SSF x Near_LoA	-10,8717419	-0,059	0,317
CHR2	13468923	CHR2:13468923	SSF x Near_LoA	-9,85715741	0,058	0,307

CHR2	13468966	CHR2:13468966	SSF x Near_LoA	-9,66994198	0,074	0,299
CHR2	13473235	CHR2:13473235	SSF x Near_LoA	-11,4761626	0,021	0,307
CHR2	13473354	CHR2:13473354	SSF x Near_LoA	-5,22699388	0,017	0,306
CHR2	13473368	CHR2:13473368	SSF x Near_LoA	-10,6003974	0,048	0,302
CHR2	13473370	CHR2:13473370	SSF x Near_LoA	-6,78161089	0,076	0,295
CHR2	13473422	CHR2:13473422	SSF x Near_LoA	-11,7237912	0,046	0,308
CHR2	13473439	CHR2:13473439	SSF x Near_LoA	-8,8451139	0,088	0,308
CHR2	13479685	CHR2:13479685	SSF x Near_LoA	-11,3324994	0,004	0,304
CHR2	13479778	CHR2:13479778	SSF x Near_LoA	-9,72951746	-0,102	0,304
CHR2	13479795	CHR2:13479795	SSF x Near_LoA	-9,33192087	0,105	0,300
CHR2	13479807	CHR2:13479807	SSF x Near_LoA	-5,70917785	-0,099	0,312
CHR2	13479812	CHR2:13479812	SSF x Near_LoA	-11,7380028	-0,114	0,297
CHR2	13479823	CHR2:13479823	SSF x Near_LoA	-5,19758167	0,107	0,300
CHR2	13479867	CHR2:13479867	SSF x Near_LoA	-7,69853449	0,149	0,300
CHR2	13487150	CHR2:13487150	SSF x Near_LoA	-10,330964	0,157	0,309
CHR2	13488270	CHR2:13488270	SSF x Near_LoA	-8,97233437	0,047	0,292
CHR2	13488368	CHR2:13488368	SSF x Near_LoA	-8,46362835	0,007	0,296
CHR2	13488399	CHR2:13488399	SSF x Near_LoA	-7,98560068	0,128	0,307
CHR2	13488456	CHR2:13488456	SSF x Near_LoA	-7,97686995	0,022	0,319
CHR2	13495766	CHR2:13495766	SSF x Near_LoA	-8,23061072	0,026	0,305
CHR2	13495768	CHR2:13495768	SSF x Near_LoA	-8,32291856	0,071	0,286
CHR2	13495845	CHR2:13495845	SSF x Near_LoA	-8,92914975	-0,003	0,305
CHR2	13501112	CHR2:13501112	SSF x Near_LoA	-9,36388254	-0,045	0,311
CHR2	13501129	CHR2:13501129	SSF x Near_LoA	-8,49479022	-0,101	0,300
CHR2	1350250	CHR2:1350250	SSF x Near_LoA	-6,5801527	-0,011	0,324
CHR2	1350270	CHR2:1350270	SSF x Near_LoA	-9,13099094	-0,015	0,306
CHR2	1350290	CHR2:1350290	SSF x Near_LoA	-9,84201707	0,022	0,315
CHR2	1350348	CHR2:1350348	SSF x Near_LoA	-10,0187912	0,066	0,307
CHR2	1350358	CHR2:1350358	SSF x Near_LoA	-4,83185499	-0,080	0,303
CHR2	13506690	CHR2:13506690	SSF x Near_LoA	-6,39032379	0,172	0,287
CHR2	13506781	CHR2:13506781	SSF x Near_LoA	-5,79953518	-0,156	0,299
CHR2	13506797	CHR2:13506797	SSF x Near_LoA	-8,28152971	0,101	0,322
CHR2	13511347	CHR2:13511347	SSF x Near_LoA	-9,57600043	-0,073	0,303
CHR2	13512049	CHR2:13512049	SSF x Near_LoA	3,20339866	0,085	0,296
CHR2	13512144	CHR2:13512144	SSF x Near_LoA	-12,3358784	-0,012	0,304
CHR2	13512145	CHR2:13512145	SSF x Near_LoA	-2,64686907	-0,010	0,308
CHR2	13512166	CHR2:13512166	SSF x Near_LoA	-8,37627512	-0,020	0,313
CHR2	13513833	CHR2:13513833	SSF x Near_LoA	-8,3277883	-0,013	0,297
CHR2	13513917	CHR2:13513917	SSF x Near_LoA	-9,44852238	-0,074	0,310
CHR2	13514016	CHR2:13514016	SSF x Near_LoA	-8,77367538	-0,020	0,320
CHR2	13514820	CHR2:13514820	SSF x Near_LoA	-8,38659285	-0,074	0,293
CHR2	13514865	CHR2:13514865	SSF x Near_LoA	-8,49456984	0,086	0,301
CHR2	13514869	CHR2:13514869	SSF x Near_LoA	-8,69570336	0,091	0,293
CHR2	13521550	CHR2:13521550	SSF x Near_LoA	-7,04114012	-0,158	0,290
CHR2	13521772	CHR2:13521772	SSF x Near_LoA	-10,3615674	-0,011	0,311
CHR2	13521785	CHR2:13521785	SSF x Near_LoA	-10,2486259	0,037	0,317
CHR2	13523045	CHR2:13523045	SSF x Near_LoA	-8,61576596	0,082	0,312
CHR2	13523065	CHR2:13523065	SSF x Near_LoA	-8,33853143	-0,023	0,311
CHR2	13523084	CHR2:13523084	SSF x Near_LoA	-10,563502	-0,010	0,317
CHR2	13523093	CHR2:13523093	SSF x Near_LoA	-11,6966052	-0,034	0,298
CHR2	13525362	CHR2:13525362	SSF x Near_LoA	-7,79658351	0,108	0,310
CHR2	13527469	CHR2:13527469	SSF x Near_LoA	-8,75944148	-0,053	0,308
CHR2	1353394	CHR2:1353394	SSF x Near_LoA	-7,91624897	0,040	0,318

CHR2	13534384	CHR2:13534384	SSF x Near_LoA	-11,0427569	-0,011	0,304
CHR2	13540856	CHR2:13540856	SSF x Near_LoA	-11,7665722	-0,057	0,300
CHR2	13540860	CHR2:13540860	SSF x Near_LoA	-5,20753876	0,063	0,311
CHR2	13541013	CHR2:13541013	SSF x Near_LoA	-8,58357703	0,048	0,316
CHR2	13541015	CHR2:13541015	SSF x Near_LoA	-7,85196643	-0,117	0,297
CHR2	13541071	CHR2:13541071	SSF x Near_LoA	-11,7680684	0,019	0,302
CHR2	13546186	CHR2:13546186	SSF x Near_LoA	-9,19822075	-0,040	0,308
CHR2	13546194	CHR2:13546194	SSF x Near_LoA	-8,20753659	-0,122	0,294
CHR2	13546199	CHR2:13546199	SSF x Near_LoA	-12,2664982	-0,006	0,300
CHR2	13546205	CHR2:13546205	SSF x Near_LoA	-9,88150201	-0,025	0,291
CHR2	13554853	CHR2:13554853	SSF x Near_LoA	-9,24353463	0,017	0,306
CHR2	13554897	CHR2:13554897	SSF x Near_LoA	-8,17985279	0,045	0,307
CHR2	13554915	CHR2:13554915	SSF x Near_LoA	-9,64604399	-0,103	0,303
CHR2	13554948	CHR2:13554948	SSF x Near_LoA	-7,87014229	0,078	0,291
CHR2	13554953	CHR2:13554953	SSF x Near_LoA	-11,3402122	-0,063	0,297
CHR2	13554972	CHR2:13554972	SSF x Near_LoA	-8,01784202	0,041	0,310
CHR2	13555092	CHR2:13555092	SSF x Near_LoA	-10,1891962	0,060	0,307
CHR2	13555141	CHR2:13555141	SSF x Near_LoA	-9,64697623	-0,083	0,309
CHR2	13555161	CHR2:13555161	SSF x Near_LoA	-8,08996018	0,025	0,323
CHR2	13558161	CHR2:13558161	SSF x Near_LoA	-8,34399047	-0,020	0,317
CHR2	13565894	CHR2:13565894	SSF x Near_LoA	-10,8338977	0,100	0,291
CHR2	13565900	CHR2:13565900	SSF x Near_LoA	-8,94322439	-0,118	0,309
CHR2	13565946	CHR2:13565946	SSF x Near_LoA	-5,9629158	-0,070	0,309
CHR2	13575755	CHR2:13575755	SSF x Near_LoA	-10,7877725	-0,026	0,302
CHR2	13575806	CHR2:13575806	SSF x Near_LoA	-11,1891184	-0,009	0,304
CHR2	13580725	CHR2:13580725	SSF x Near_LoA	-9,91951866	-0,108	0,306
CHR2	13580737	CHR2:13580737	SSF x Near_LoA	-10,3689261	0,024	0,316
CHR2	13580825	CHR2:13580825	SSF x Near_LoA	-10,603699	-0,025	0,323
CHR2	13580830	CHR2:13580830	SSF x Near_LoA	-10,1842987	0,095	0,325
CHR2	13580932	CHR2:13580932	SSF x Near_LoA	-9,40269089	0,099	0,306
CHR2	13583901	CHR2:13583901	SSF x Near_LoA	-8,45864651	-0,152	0,289
CHR2	13583953	CHR2:13583953	SSF x Near_LoA	-11,7320834	-0,045	0,297
CHR2	13584102	CHR2:13584102	SSF x Near_LoA	-8,89307927	0,044	0,306
CHR2	13586732	CHR2:13586732	SSF x Near_LoA	-10,2910396	-0,047	0,298
CHR2	13586748	CHR2:13586748	SSF x Near_LoA	-10,3275881	0,074	0,305
CHR2	13586780	CHR2:13586780	SSF x Near_LoA	-10,881919	0,092	0,297
CHR2	1358856	CHR2:1358856	SSF x Near_LoA	-8,83408314	-0,040	0,310
CHR2	13589903	CHR2:13589903	SSF x Near_LoA	-9,85222559	0,097	0,304
CHR2	1359039	CHR2:1359039	SSF x Near_LoA	-9,78065021	-0,110	0,283
CHR2	13592410	CHR2:13592410	SSF x Near_LoA	-9,4741276	0,023	0,322
CHR2	13592414	CHR2:13592414	SSF x Near_LoA	-8,2262965	0,054	0,313
CHR2	13592451	CHR2:13592451	SSF x Near_LoA	-7,08710764	0,025	0,311
CHR2	13592455	CHR2:13592455	SSF x Near_LoA	-8,97744248	-0,001	0,307
CHR2	13592461	CHR2:13592461	SSF x Near_LoA	-9,35894493	0,057	0,302
CHR2	13592492	CHR2:13592492	SSF x Near_LoA	-8,28919595	-0,010	0,320
CHR2	13592515	CHR2:13592515	SSF x Near_LoA	-7,46289553	0,038	0,303
CHR2	13592560	CHR2:13592560	SSF x Near_LoA	-7,50984344	-0,028	0,320
CHR2	13592567	CHR2:13592567	SSF x Near_LoA	-1,64668127	-0,107	0,305
CHR2	13592585	CHR2:13592585	SSF x Near_LoA	-9,88680625	-0,015	0,304
CHR2	13592592	CHR2:13592592	SSF x Near_LoA	-8,75479824	-0,067	0,304
CHR2	13592608	CHR2:13592608	SSF x Near_LoA	-8,68778297	-0,002	0,313
CHR2	13592627	CHR2:13592627	SSF x Near_LoA	-7,68683225	-0,155	0,295
CHR2	13592653	CHR2:13592653	SSF x Near_LoA	-9,65468459	0,037	0,324

CHR2	13592719	CHR2:13592719	SSF x Near_LoA	-7,65594493	0,086	0,292
CHR2	13592742	CHR2:13592742	SSF x Near_LoA	-7,86050955	0,043	0,306
CHR2	13596913	CHR2:13596913	SSF x Near_LoA	-9,6762396	0,006	0,312
CHR2	13596927	CHR2:13596927	SSF x Near_LoA	-8,94034255	0,123	0,299
CHR2	13596976	CHR2:13596976	SSF x Near_LoA	-10,8003519	-0,032	0,310
CHR2	13596997	CHR2:13596997	SSF x Near_LoA	-8,38116961	-0,082	0,306
CHR2	13597031	CHR2:13597031	SSF x Near_LoA	-5,87032992	-0,057	0,315
CHR2	13597032	CHR2:13597032	SSF x Near_LoA	-7,67592677	-0,031	0,307
CHR2	13597033	CHR2:13597033	SSF x Near_LoA	-11,1623616	-0,035	0,307
CHR2	13600337	CHR2:13600337	SSF x Near_LoA	-10,7398426	-0,018	0,314
CHR2	13600504	CHR2:13600504	SSF x Near_LoA	-8,62628542	0,068	0,302
CHR2	13600589	CHR2:13600589	SSF x Near_LoA	-8,85193484	0,049	0,315
CHR2	13602907	CHR2:13602907	SSF x Near_LoA	-9,32211422	-0,005	0,303
CHR2	13602966	CHR2:13602966	SSF x Near_LoA	-9,99067547	0,118	0,308
CHR2	13602983	CHR2:13602983	SSF x Near_LoA	-10,3542664	0,122	0,308
CHR2	13603003	CHR2:13603003	SSF x Near_LoA	-9,17040262	0,019	0,304
CHR2	13603024	CHR2:13603024	SSF x Near_LoA	-7,32393185	0,022	0,306
CHR2	13603338	CHR2:13603338	SSF x Near_LoA	-8,06674609	-0,118	0,297
CHR2	13607466	CHR2:13607466	SSF x Near_LoA	-10,7664036	-0,035	0,317
CHR2	13607600	CHR2:13607600	SSF x Near_LoA	-10,8021553	0,053	0,306
CHR2	13611630	CHR2:13611630	SSF x Near_LoA	-10,7879822	-0,040	0,312
CHR2	13611711	CHR2:13611711	SSF x Near_LoA	-6,82731483	0,107	0,301
CHR2	13613220	CHR2:13613220	SSF x Near_LoA	-6,58709126	0,076	0,326
CHR2	13613241	CHR2:13613241	SSF x Near_LoA	-8,39559449	-0,092	0,305
CHR2	13613261	CHR2:13613261	SSF x Near_LoA	-4,89327155	-0,103	0,315
CHR2	13618909	CHR2:13618909	SSF x Near_LoA	-6,94194193	0,048	0,319
CHR2	13618912	CHR2:13618912	SSF x Near_LoA	-9,41207514	0,040	0,308
CHR2	13619006	CHR2:13619006	SSF x Near_LoA	-6,87814767	-0,052	0,314
CHR2	13619069	CHR2:13619069	SSF x Near_LoA	-9,93001975	0,018	0,300
CHR2	13619087	CHR2:13619087	SSF x Near_LoA	-8,98729762	0,152	0,296
CHR2	13619088	CHR2:13619088	SSF x Near_LoA	-10,2184055	0,115	0,303
CHR2	13623917	CHR2:13623917	SSF x Near_LoA	-8,54257739	-0,091	0,297
CHR2	13624022	CHR2:13624022	SSF x Near_LoA	-10,649934	0,090	0,304
CHR2	13624031	CHR2:13624031	SSF x Near_LoA	-10,9539348	0,077	0,313
CHR2	13626477	CHR2:13626477	SSF x Near_LoA	-8,47329435	-0,078	0,317
CHR2	13631974	CHR2:13631974	SSF x Near_LoA	3,08751784	0,002	0,308
CHR2	13632035	CHR2:13632035	SSF x Near_LoA	-9,12107117	0,081	0,309
CHR2	13632082	CHR2:13632082	SSF x Near_LoA	-8,75655909	-0,060	0,312
CHR2	13633774	CHR2:13633774	SSF x Near_LoA	-10,9487812	-0,045	0,302
CHR2	13633800	CHR2:13633800	SSF x Near_LoA	-8,56385201	-0,034	0,311
CHR2	13633881	CHR2:13633881	SSF x Near_LoA	-7,73575193	-0,142	0,304
CHR2	13644921	CHR2:13644921	SSF x Near_LoA	-11,165689	0,059	0,312
CHR2	13648420	CHR2:13648420	SSF x Near_LoA	-9,45052733	-0,037	0,311
CHR2	13648479	CHR2:13648479	SSF x Near_LoA	-8,34788829	0,035	0,313
CHR2	13657842	CHR2:13657842	SSF x Near_LoA	-10,2640647	-0,018	0,313
CHR2	13657921	CHR2:13657921	SSF x Near_LoA	-10,7043152	0,070	0,315
CHR2	13657927	CHR2:13657927	SSF x Near_LoA	-9,95744102	0,031	0,301
CHR2	1366412	CHR2:1366412	SSF x Near_LoA	-9,23950585	-0,024	0,310
CHR2	13667611	CHR2:13667611	SSF x Near_LoA	-9,47697952	0,081	0,311
CHR2	13672123	CHR2:13672123	SSF x Near_LoA	-10,2787255	0,028	0,325
CHR2	1370071	CHR2:1370071	SSF x Near_LoA	-9,26872997	-0,150	0,295
CHR2	1370138	CHR2:1370138	SSF x Near_LoA	-9,96586012	-0,028	0,289
CHR2	13711916	CHR2:13711916	SSF x Near_LoA	-11,5205054	0,053	0,311

CHR2	13711939	CHR2:13711939	SSF x Near_LoA	-8,72141446	0,054	0,303
CHR2	13712384	CHR2:13712384	SSF x Near_LoA	-9,35075758	-0,001	0,307
CHR2	13712407	CHR2:13712407	SSF x Near_LoA	-10,9019291	0,112	0,291
CHR2	13714093	CHR2:13714093	SSF x Near_LoA	-10,6751241	-0,108	0,314
CHR2	13718323	CHR2:13718323	SSF x Near_LoA	-8,89193482	-0,006	0,313
CHR2	13718332	CHR2:13718332	SSF x Near_LoA	-10,2987187	-0,035	0,306
CHR2	13724379	CHR2:13724379	SSF x Near_LoA	0,28093498	-0,027	0,307
CHR2	13725817	CHR2:13725817	SSF x Near_LoA	-9,03885399	-0,076	0,302
CHR2	13740675	CHR2:13740675	SSF x Near_LoA	-8,20646074	0,140	0,283
CHR2	13740828	CHR2:13740828	SSF x Near_LoA	-10,4903031	-0,012	0,285
CHR2	13740860	CHR2:13740860	SSF x Near_LoA	-9,60990646	-0,018	0,317
CHR2	13740998	CHR2:13740998	SSF x Near_LoA	-9,86844223	-0,034	0,319
CHR2	13741033	CHR2:13741033	SSF x Near_LoA	-9,55255913	-0,071	0,298
CHR2	13744845	CHR2:13744845	SSF x Near_LoA	-11,9565757	0,012	0,293
CHR2	13744892	CHR2:13744892	SSF x Near_LoA	-8,40183142	-0,123	0,303
CHR2	13745093	CHR2:13745093	SSF x Near_LoA	-8,30334718	-0,098	0,300
CHR2	13745110	CHR2:13745110	SSF x Near_LoA	-9,24958714	-0,052	0,306
CHR2	13750164	CHR2:13750164	SSF x Near_LoA	-7,52337174	-0,124	0,302
CHR2	13750230	CHR2:13750230	SSF x Near_LoA	-1,11422114	-0,060	0,290
CHR2	13750299	CHR2:13750299	SSF x Near_LoA	-5,47766541	-0,084	0,297
CHR2	13750350	CHR2:13750350	SSF x Near_LoA	-8,16513781	0,125	0,309
CHR2	13752263	CHR2:13752263	SSF x Near_LoA	-8,62080197	-0,002	0,309
CHR2	13752420	CHR2:13752420	SSF x Near_LoA	-6,89383292	-0,156	0,286
CHR2	13752481	CHR2:13752481	SSF x Near_LoA	-8,79670966	-0,054	0,310
CHR2	13756739	CHR2:13756739	SSF x Near_LoA	-12,2463086	-0,038	0,290
CHR2	13756799	CHR2:13756799	SSF x Near_LoA	-9,09342613	0,068	0,302
CHR2	13766256	CHR2:13766256	SSF x Near_LoA	-9,74765354	0,090	0,308
CHR2	13774530	CHR2:13774530	SSF x Near_LoA	-10,6581084	-0,013	0,302
CHR2	13774584	CHR2:13774584	SSF x Near_LoA	-6,89585976	-0,144	0,306
CHR2	13774585	CHR2:13774585	SSF x Near_LoA	-8,66931134	-0,096	0,307
CHR2	13774613	CHR2:13774613	SSF x Near_LoA	-9,37660475	-0,038	0,324
CHR2	13774619	CHR2:13774619	SSF x Near_LoA	-8,28190413	0,103	0,308
CHR2	13774665	CHR2:13774665	SSF x Near_LoA	-7,95602414	0,025	0,317
CHR2	13774702	CHR2:13774702	SSF x Near_LoA	-10,2723483	0,032	0,314
CHR2	13774719	CHR2:13774719	SSF x Near_LoA	-9,4670398	0,006	0,310
CHR2	13776437	CHR2:13776437	SSF x Near_LoA	-10,8631468	0,096	0,295
CHR2	13776557	CHR2:13776557	SSF x Near_LoA	-9,65616805	0,011	0,301
CHR2	13779864	CHR2:13779864	SSF x Near_LoA	-9,48766797	0,062	0,304
CHR2	13779866	CHR2:13779866	SSF x Near_LoA	-8,50845492	-0,084	0,305
CHR2	13779867	CHR2:13779867	SSF x Near_LoA	-6,49687872	0,096	0,308
CHR2	13779964	CHR2:13779964	SSF x Near_LoA	-9,72727928	0,005	0,311
CHR2	13779972	CHR2:13779972	SSF x Near_LoA	-8,94666175	0,015	0,320
CHR2	13779976	CHR2:13779976	SSF x Near_LoA	-9,32349356	0,010	0,309
CHR2	13780028	CHR2:13780028	SSF x Near_LoA	-9,11986029	0,064	0,304
CHR2	13780036	CHR2:13780036	SSF x Near_LoA	-8,91864292	0,083	0,306
CHR2	13780183	CHR2:13780183	SSF x Near_LoA	-7,77628469	-0,134	0,307
CHR2	13780230	CHR2:13780230	SSF x Near_LoA	-8,11662307	0,168	0,299
CHR2	13783659	CHR2:13783659	SSF x Near_LoA	-10,564476	0,070	0,302
CHR2	13783773	CHR2:13783773	SSF x Near_LoA	-10,1232884	0,009	0,307
CHR2	13787833	CHR2:13787833	SSF x Near_LoA	-11,1782747	-0,068	0,310
CHR2	13787865	CHR2:13787865	SSF x Near_LoA	-6,68042281	-0,026	0,315
CHR2	13787869	CHR2:13787869	SSF x Near_LoA	-9,207757	-0,020	0,313
CHR2	13788042	CHR2:13788042	SSF x Near_LoA	-11,5950538	0,053	0,306

CHR2	13792847	CHR2:13792847	SSF x Near_LoA	-9,04792383	-0,050	0,308
CHR2	13792946	CHR2:13792946	SSF x Near_LoA	-8,38910253	0,025	0,310
CHR2	13797652	CHR2:13797652	SSF x Near_LoA	-9,59376738	0,050	0,292
CHR2	13797745	CHR2:13797745	SSF x Near_LoA	-11,4201581	0,011	0,308
CHR2	13797838	CHR2:13797838	SSF x Near_LoA	-9,55507382	-0,008	0,301
CHR2	13799198	CHR2:13799198	SSF x Near_LoA	-2,46850382	0,195	0,293
CHR2	13799212	CHR2:13799212	SSF x Near_LoA	-9,81372628	0,040	0,296
CHR2	13799269	CHR2:13799269	SSF x Near_LoA	-7,16815483	-0,121	0,309
CHR2	13799371	CHR2:13799371	SSF x Near_LoA	-9,54170214	-0,035	0,301
CHR2	13803426	CHR2:13803426	SSF x Near_LoA	-11,7933343	-0,014	0,311
CHR2	13803991	CHR2:13803991	SSF x Near_LoA	-9,07920105	-0,050	0,308
CHR2	13803994	CHR2:13803994	SSF x Near_LoA	-10,747159	0,084	0,309
CHR2	13803999	CHR2:13803999	SSF x Near_LoA	-9,66253713	-0,003	0,314
CHR2	13804041	CHR2:13804041	SSF x Near_LoA	-7,62073075	-0,137	0,305
CHR2	13805508	CHR2:13805508	SSF x Near_LoA	-1,4459806	-0,225	0,282
CHR2	13805560	CHR2:13805560	SSF x Near_LoA	-6,18325203	-0,012	0,315
CHR2	13806393	CHR2:13806393	SSF x Near_LoA	-10,4448105	-0,060	0,305
CHR2	13806397	CHR2:13806397	SSF x Near_LoA	-11,4046619	0,074	0,306
CHR2	13806403	CHR2:13806403	SSF x Near_LoA	-12,1959945	-0,016	0,303
CHR2	13806417	CHR2:13806417	SSF x Near_LoA	-5,87929625	-0,023	0,307
CHR2	13806419	CHR2:13806419	SSF x Near_LoA	-8,03951919	0,039	0,314
CHR2	13806421	CHR2:13806421	SSF x Near_LoA	-10,7350547	-0,053	0,300
CHR2	13806437	CHR2:13806437	SSF x Near_LoA	-11,3636067	-0,037	0,306
CHR2	13809824	CHR2:13809824	SSF x Near_LoA	-8,80177653	-0,010	0,314
CHR2	13814471	CHR2:13814471	SSF x Near_LoA	-9,64957656	0,037	0,304
CHR2	13814498	CHR2:13814498	SSF x Near_LoA	-6,90799463	0,056	0,311
CHR2	13814499	CHR2:13814499	SSF x Near_LoA	-9,16956761	-0,009	0,318
CHR2	13814508	CHR2:13814508	SSF x Near_LoA	-10,7072218	-0,009	0,311
CHR2	13814514	CHR2:13814514	SSF x Near_LoA	-11,5023474	-0,026	0,319
CHR2	13814541	CHR2:13814541	SSF x Near_LoA	-9,93998304	0,028	0,296
CHR2	13814574	CHR2:13814574	SSF x Near_LoA	-8,36696016	0,099	0,298
CHR2	13814590	CHR2:13814590	SSF x Near_LoA	-9,42040456	-0,070	0,302
CHR2	13819126	CHR2:13819126	SSF x Near_LoA	-9,30480902	-0,100	0,303
CHR2	13819200	CHR2:13819200	SSF x Near_LoA	-9,30749661	-0,077	0,292
CHR2	13819260	CHR2:13819260	SSF x Near_LoA	-9,18400614	0,024	0,324
CHR2	13823868	CHR2:13823868	SSF x Near_LoA	-9,53900483	-0,014	0,310
CHR2	13823889	CHR2:13823889	SSF x Near_LoA	-9,40424431	0,063	0,299
CHR2	13823892	CHR2:13823892	SSF x Near_LoA	-9,58983686	0,077	0,309
CHR2	13824010	CHR2:13824010	SSF x Near_LoA	-8,43932821	0,042	0,316
CHR2	13824044	CHR2:13824044	SSF x Near_LoA	-0,85952155	-0,045	0,300
CHR2	13824068	CHR2:13824068	SSF x Near_LoA	-7,73251118	-0,035	0,296
CHR2	13824130	CHR2:13824130	SSF x Near_LoA	-8,65469183	-0,052	0,316
CHR2	13825954	CHR2:13825954	SSF x Near_LoA	-7,9692797	0,049	0,312
CHR2	13826036	CHR2:13826036	SSF x Near_LoA	-9,90432439	-0,016	0,311
CHR2	13826799	CHR2:13826799	SSF x Near_LoA	-3,13438796	0,054	0,301
CHR2	13834589	CHR2:13834589	SSF x Near_LoA	22,0220926	-0,096	0,306
CHR2	13834590	CHR2:13834590	SSF x Near_LoA	-9,53467081	-0,087	0,302
CHR2	13834596	CHR2:13834596	SSF x Near_LoA	-10,3211439	0,012	0,320
CHR2	13834597	CHR2:13834597	SSF x Near_LoA	-11,6582411	-0,010	0,314
CHR2	13834607	CHR2:13834607	SSF x Near_LoA	-9,31393045	0,014	0,316
CHR2	13834654	CHR2:13834654	SSF x Near_LoA	-7,52224429	-0,040	0,311
CHR2	13844324	CHR2:13844324	SSF x Near_LoA	-10,3626342	0,034	0,297
CHR2	13844327	CHR2:13844327	SSF x Near_LoA	-9,11257996	0,040	0,298

CHR2	13844362	CHR2:13844362	SSF x Near_LoA	1,5402691	-0,115	0,309
CHR2	13844378	CHR2:13844378	SSF x Near_LoA	-10,3186719	0,120	0,304
CHR2	13844429	CHR2:13844429	SSF x Near_LoA	-8,28200825	-0,016	0,310
CHR2	13853391	CHR2:13853391	SSF x Near_LoA	-7,99041955	0,072	0,311
CHR2	13857062	CHR2:13857062	SSF x Near_LoA	-11,9076379	-0,027	0,289
CHR2	13857075	CHR2:13857075	SSF x Near_LoA	-8,76927739	0,123	0,297
CHR2	13860663	CHR2:13860663	SSF x Near_LoA	-9,30021439	-0,032	0,308
CHR2	13860705	CHR2:13860705	SSF x Near_LoA	-5,98353052	-0,048	0,321
CHR2	13860708	CHR2:13860708	SSF x Near_LoA	-8,31368125	-0,038	0,321
CHR2	13860714	CHR2:13860714	SSF x Near_LoA	-9,09248516	0,010	0,312
CHR2	13860759	CHR2:13860759	SSF x Near_LoA	-8,46634471	-0,055	0,308
CHR2	13864936	CHR2:13864936	SSF x Near_LoA	-9,18053699	0,036	0,307
CHR2	13864941	CHR2:13864941	SSF x Near_LoA	-9,17476396	0,111	0,306
CHR2	13864966	CHR2:13864966	SSF x Near_LoA	-4,69464018	0,116	0,308
CHR2	13866714	CHR2:13866714	SSF x Near_LoA	-10,8730784	-0,147	0,305
CHR2	13866841	CHR2:13866841	SSF x Near_LoA	-9,60142769	-0,027	0,312
CHR2	13866854	CHR2:13866854	SSF x Near_LoA	-10,0287383	0,068	0,282
CHR2	13866863	CHR2:13866863	SSF x Near_LoA	-9,91306748	-0,108	0,290
CHR2	13869684	CHR2:13869684	SSF x Near_LoA	-8,14598942	0,020	0,312
CHR2	13869960	CHR2:13869960	SSF x Near_LoA	-9,83776494	-0,066	0,302
CHR2	13874357	CHR2:13874357	SSF x Near_LoA	-9,50228365	-0,001	0,302
CHR2	13874362	CHR2:13874362	SSF x Near_LoA	-10,2825633	0,033	0,319
CHR2	13879196	CHR2:13879196	SSF x Near_LoA	-9,87565863	0,019	0,311
CHR2	13879232	CHR2:13879232	SSF x Near_LoA	-9,97485788	0,020	0,304
CHR2	13879255	CHR2:13879255	SSF x Near_LoA	-7,414153	0,034	0,314
CHR2	13879260	CHR2:13879260	SSF x Near_LoA	-10,5600979	-0,060	0,308
CHR2	13883960	CHR2:13883960	SSF x Near_LoA	-9,32138371	0,135	0,305
CHR2	13883961	CHR2:13883961	SSF x Near_LoA	-9,39236221	0,046	0,300
CHR2	13883987	CHR2:13883987	SSF x Near_LoA	-10,5017927	0,094	0,305
CHR2	13884782	CHR2:13884782	SSF x Near_LoA	-8,85914335	-0,060	0,316
CHR2	13884783	CHR2:13884783	SSF x Near_LoA	-7,77969909	0,047	0,314
CHR2	13884796	CHR2:13884796	SSF x Near_LoA	-8,04792912	0,100	0,312
CHR2	13884825	CHR2:13884825	SSF x Near_LoA	-7,03432372	0,116	0,307
CHR2	13884831	CHR2:13884831	SSF x Near_LoA	-7,44954711	0,116	0,311
CHR2	13884873	CHR2:13884873	SSF x Near_LoA	-9,19936216	-0,054	0,312
CHR2	13884883	CHR2:13884883	SSF x Near_LoA	-12,1253531	-0,020	0,305
CHR2	13884908	CHR2:13884908	SSF x Near_LoA	-8,11429818	0,052	0,308
CHR2	13889135	CHR2:13889135	SSF x Near_LoA	-8,4652485	0,063	0,306
CHR2	13889178	CHR2:13889178	SSF x Near_LoA	-7,88793657	0,130	0,302
CHR2	13889195	CHR2:13889195	SSF x Near_LoA	-10,5624859	-0,035	0,300
CHR2	13889231	CHR2:13889231	SSF x Near_LoA	-11,4461934	-0,031	0,299
CHR2	13889276	CHR2:13889276	SSF x Near_LoA	-9,4832693	0,037	0,308
CHR2	13889288	CHR2:13889288	SSF x Near_LoA	-8,80999964	0,032	0,321
CHR2	13890492	CHR2:13890492	SSF x Near_LoA	-11,2724814	-0,057	0,310
CHR2	13890656	CHR2:13890656	SSF x Near_LoA	-10,7062998	-0,005	0,293
CHR2	13890696	CHR2:13890696	SSF x Near_LoA	-11,3473604	-0,007	0,278
CHR2	13896730	CHR2:13896730	SSF x Near_LoA	-9,61550396	-0,086	0,310
CHR2	13896731	CHR2:13896731	SSF x Near_LoA	-8,98033523	-0,084	0,323
CHR2	13896747	CHR2:13896747	SSF x Near_LoA	-7,44380386	0,055	0,312
CHR2	13896897	CHR2:13896897	SSF x Near_LoA	-9,94763056	-0,019	0,302
CHR2	13896904	CHR2:13896904	SSF x Near_LoA	-3,15960965	-0,063	0,313
CHR2	13896913	CHR2:13896913	SSF x Near_LoA	-7,70330849	0,065	0,304
CHR2	13902641	CHR2:13902641	SSF x Near_LoA	-11,6967882	0,002	0,305

CHR2	13908600	CHR2:13908600	SSF x Near_LoA	-9,36413465	0,080	0,289
CHR2	13908609	CHR2:13908609	SSF x Near_LoA	-8,21787031	-0,174	0,288
CHR2	13908736	CHR2:13908736	SSF x Near_LoA	-8,37635844	-0,065	0,304
CHR2	13908760	CHR2:13908760	SSF x Near_LoA	3,19410086	-0,016	0,311
CHR2	13908779	CHR2:13908779	SSF x Near_LoA	-11,1323245	-0,089	0,288
CHR2	13908784	CHR2:13908784	SSF x Near_LoA	-9,5714724	-0,092	0,313
CHR2	13908823	CHR2:13908823	SSF x Near_LoA	-5,98624141	0,264	0,290
CHR2	13908824	CHR2:13908824	SSF x Near_LoA	-5,23725086	0,272	0,277
CHR2	13941719	CHR2:13941719	SSF x Near_LoA	-9,19132862	0,088	0,299
CHR2	13941754	CHR2:13941754	SSF x Near_LoA	-9,48275331	0,075	0,306
CHR2	13955410	CHR2:13955410	SSF x Near_LoA	-7,76236083	-0,095	0,303
CHR2	13955414	CHR2:13955414	SSF x Near_LoA	-0,96605775	-0,100	0,300
CHR2	13955423	CHR2:13955423	SSF x Near_LoA	-6,53061368	-0,093	0,308
CHR2	13955453	CHR2:13955453	SSF x Near_LoA	-11,4996551	-0,017	0,299
CHR2	13955489	CHR2:13955489	SSF x Near_LoA	-11,9980753	-0,025	0,314
CHR2	13956192	CHR2:13956192	SSF x Near_LoA	-8,64472171	-0,079	0,307
CHR2	13956318	CHR2:13956318	SSF x Near_LoA	-9,30759114	-0,133	0,309
CHR2	13956320	CHR2:13956320	SSF x Near_LoA	-8,02009484	-0,111	0,312
CHR2	13956359	CHR2:13956359	SSF x Near_LoA	0,59929331	-0,124	0,296
CHR2	13956461	CHR2:13956461	SSF x Near_LoA	-9,15942424	0,048	0,310
CHR2	13971978	CHR2:13971978	SSF x Near_LoA	-9,59831397	-0,090	0,312
CHR2	13971989	CHR2:13971989	SSF x Near_LoA	-3,40604073	-0,109	0,322
CHR2	13972028	CHR2:13972028	SSF x Near_LoA	-9,78910189	0,019	0,299
CHR2	13972050	CHR2:13972050	SSF x Near_LoA	-7,54538065	-0,012	0,308
CHR2	13972077	CHR2:13972077	SSF x Near_LoA	-10,6975837	-0,055	0,302
CHR2	13972325	CHR2:13972325	SSF x Near_LoA	-7,79966488	-0,044	0,315
CHR2	13972350	CHR2:13972350	SSF x Near_LoA	-10,9233848	-0,018	0,308
CHR2	13972377	CHR2:13972377	SSF x Near_LoA	-8,33101425	-0,023	0,322
CHR2	13972432	CHR2:13972432	SSF x Near_LoA	-7,04992401	0,108	0,313
CHR2	13972439	CHR2:13972439	SSF x Near_LoA	-8,68268462	0,112	0,303
CHR2	13974619	CHR2:13974619	SSF x Near_LoA	-10,3135788	-0,081	0,301
CHR2	13974624	CHR2:13974624	SSF x Near_LoA	-6,59029107	0,091	0,291
CHR2	13975382	CHR2:13975382	SSF x Near_LoA	-8,63612169	0,057	0,308
CHR2	13975450	CHR2:13975450	SSF x Near_LoA	-9,27048932	0,088	0,296
CHR2	13975462	CHR2:13975462	SSF x Near_LoA	-8,92535649	0,094	0,284
CHR2	13976747	CHR2:13976747	SSF x Near_LoA	-7,56081575	-0,108	0,314
CHR2	13976803	CHR2:13976803	SSF x Near_LoA	-11,4229484	-0,070	0,317
CHR2	13991692	CHR2:13991692	SSF x Near_LoA	-10,8560447	-0,018	0,315
CHR2	13991710	CHR2:13991710	SSF x Near_LoA	-9,3985954	0,073	0,312
CHR2	13991712	CHR2:13991712	SSF x Near_LoA	-11,5941045	-0,037	0,317
CHR2	13991771	CHR2:13991771	SSF x Near_LoA	-4,49657729	-0,104	0,315
CHR2	13991808	CHR2:13991808	SSF x Near_LoA	-10,5580626	0,038	0,310
CHR2	13991849	CHR2:13991849	SSF x Near_LoA	-7,66263675	0,074	0,306
CHR2	13993565	CHR2:13993565	SSF x Near_LoA	-8,22263935	-0,054	0,301
CHR2	13993632	CHR2:13993632	SSF x Near_LoA	-10,5339893	0,091	0,292
CHR2	13993811	CHR2:13993811	SSF x Near_LoA	-9,05918022	-0,037	0,301
CHR2	13995030	CHR2:13995030	SSF x Near_LoA	-10,2871645	-0,035	0,308
CHR2	1399878	CHR2:1399878	SSF x Near_LoA	-10,161004	0,022	0,326
CHR2	14009627	CHR2:14009627	SSF x Near_LoA	-10,4092435	-0,122	0,291
CHR2	14009674	CHR2:14009674	SSF x Near_LoA	-7,55391917	-0,104	0,314
CHR2	14009680	CHR2:14009680	SSF x Near_LoA	-9,94861987	0,086	0,304
CHR2	14023216	CHR2:14023216	SSF x Near_LoA	-9,68419914	0,034	0,310
CHR2	14023217	CHR2:14023217	SSF x Near_LoA	-10,3018503	0,052	0,295

CHR2	14023220	CHR2:14023220	SSF x Near_LoA	-8,55867491	0,058	0,304
CHR2	14023235	CHR2:14023235	SSF x Near_LoA	-8,77191858	-0,053	0,315
CHR2	14023450	CHR2:14023450	SSF x Near_LoA	-7,83401979	0,022	0,326
CHR2	14028274	CHR2:14028274	SSF x Near_LoA	-5,7607528	0,069	0,310
CHR2	14030968	CHR2:14030968	SSF x Near_LoA	-11,675744	0,074	0,291
CHR2	14032048	CHR2:14032048	SSF x Near_LoA	-8,48272209	0,050	0,305
CHR2	14032060	CHR2:14032060	SSF x Near_LoA	-9,48905009	0,010	0,317
CHR2	14032090	CHR2:14032090	SSF x Near_LoA	-11,8174107	-0,001	0,302
CHR2	14033504	CHR2:14033504	SSF x Near_LoA	-7,08000699	0,145	0,311
CHR2	14033637	CHR2:14033637	SSF x Near_LoA	-9,30708706	-0,046	0,306
CHR2	14038038	CHR2:14038038	SSF x Near_LoA	-7,53485742	-0,064	0,304
CHR2	14038067	CHR2:14038067	SSF x Near_LoA	-9,10807686	-0,015	0,317
CHR2	14038097	CHR2:14038097	SSF x Near_LoA	-6,36107281	0,049	0,302
CHR2	14039361	CHR2:14039361	SSF x Near_LoA	-9,37681955	-0,047	0,308
CHR2	14039443	CHR2:14039443	SSF x Near_LoA	-7,12172892	-0,009	0,310
CHR2	14039475	CHR2:14039475	SSF x Near_LoA	-10,7883473	-0,111	0,299
CHR2	14042613	CHR2:14042613	SSF x Near_LoA	-11,2189327	0,036	0,294
CHR2	14044694	CHR2:14044694	SSF x Near_LoA	-8,72818667	0,010	0,315
CHR2	14044790	CHR2:14044790	SSF x Near_LoA	-7,14705838	-0,094	0,300
CHR2	14044803	CHR2:14044803	SSF x Near_LoA	-8,41344393	-0,100	0,294
CHR2	14050766	CHR2:14050766	SSF x Near_LoA	-10,4850377	0,025	0,314
CHR2	14056388	CHR2:14056388	SSF x Near_LoA	-3,95463576	-0,121	0,319
CHR2	14059620	CHR2:14059620	SSF x Near_LoA	-7,89538287	0,175	0,303
CHR2	14059814	CHR2:14059814	SSF x Near_LoA	4,34147721	-0,216	0,287
CHR2	14066048	CHR2:14066048	SSF x Near_LoA	-11,79267	-0,058	0,310
CHR2	14066073	CHR2:14066073	SSF x Near_LoA	-9,45792251	-0,099	0,314
CHR2	14066160	CHR2:14066160	SSF x Near_LoA	-10,5859696	0,000	0,299
CHR2	14074624	CHR2:14074624	SSF x Near_LoA	-4,31459685	-0,214	0,302
CHR2	1407464	CHR2:1407464	SSF x Near_LoA	-3,42474741	-0,194	0,316
CHR2	14074678	CHR2:14074678	SSF x Near_LoA	-9,76930526	0,082	0,305
CHR2	14074940	CHR2:14074940	SSF x Near_LoA	-9,10464638	0,005	0,314
CHR2	14074946	CHR2:14074946	SSF x Near_LoA	-9,23845257	0,026	0,313
CHR2	14074960	CHR2:14074960	SSF x Near_LoA	-8,73286658	0,048	0,309
CHR2	14074986	CHR2:14074986	SSF x Near_LoA	-9,7880395	0,054	0,297
CHR2	14075024	CHR2:14075024	SSF x Near_LoA	-8,22459978	0,054	0,312
CHR2	1407579	CHR2:1407579	SSF x Near_LoA	-9,09502179	-0,110	0,304
CHR2	14084684	CHR2:14084684	SSF x Near_LoA	-9,43701659	0,119	0,313
CHR2	14110484	CHR2:14110484	SSF x Near_LoA	-10,1990193	0,004	0,285
CHR2	14110491	CHR2:14110491	SSF x Near_LoA	-9,57364701	-0,068	0,294
CHR2	14110524	CHR2:14110524	SSF x Near_LoA	-10,652798	0,061	0,285
CHR2	14118437	CHR2:14118437	SSF x Near_LoA	-4,49428793	0,067	0,312
CHR2	14118446	CHR2:14118446	SSF x Near_LoA	-9,41017086	-0,169	0,298
CHR2	14118592	CHR2:14118592	SSF x Near_LoA	-11,6386473	-0,038	0,316
CHR2	14118602	CHR2:14118602	SSF x Near_LoA	0,11913728	-0,187	0,296
CHR2	14120120	CHR2:14120120	SSF x Near_LoA	-11,1497731	-0,096	0,312
CHR2	14120121	CHR2:14120121	SSF x Near_LoA	-8,43701629	0,155	0,298
CHR2	14120199	CHR2:14120199	SSF x Near_LoA	-8,63498564	-0,068	0,314
CHR2	14122901	CHR2:14122901	SSF x Near_LoA	-10,4150318	-0,095	0,299
CHR2	14122904	CHR2:14122904	SSF x Near_LoA	-8,08914148	0,107	0,316
CHR2	14125573	CHR2:14125573	SSF x Near_LoA	-8,66622933	-0,074	0,311
CHR2	14125687	CHR2:14125687	SSF x Near_LoA	-7,50270565	0,112	0,314
CHR2	14136881	CHR2:14136881	SSF x Near_LoA	-8,96333588	0,057	0,302
CHR2	14137032	CHR2:14137032	SSF x Near_LoA	-6,52860945	0,202	0,298

CHR2	14140957	CHR2:14140957	SSF x Near_LoA	-0,43837208	0,047	0,320
CHR2	14147395	CHR2:14147395	SSF x Near_LoA	-9,17073412	0,053	0,312
CHR2	14147427	CHR2:14147427	SSF x Near_LoA	-6,84976045	-0,062	0,308
CHR2	14149688	CHR2:14149688	SSF x Near_LoA	-10,9901199	-0,043	0,317
CHR2	14159496	CHR2:14159496	SSF x Near_LoA	-8,28428368	0,010	0,312
CHR2	14159871	CHR2:14159871	SSF x Near_LoA	-10,9208049	-0,060	0,311
CHR2	14163548	CHR2:14163548	SSF x Near_LoA	-11,8847363	0,076	0,307
CHR2	14163637	CHR2:14163637	SSF x Near_LoA	-10,5576214	-0,041	0,290
CHR2	14163648	CHR2:14163648	SSF x Near_LoA	-7,05769506	-0,063	0,319
CHR2	14163708	CHR2:14163708	SSF x Near_LoA	-8,48621108	-0,058	0,307
CHR2	14183943	CHR2:14183943	SSF x Near_LoA	-3,92720875	-0,100	0,292
CHR2	14183976	CHR2:14183976	SSF x Near_LoA	-10,154354	-0,085	0,296
CHR2	14184033	CHR2:14184033	SSF x Near_LoA	-7,465956	-0,112	0,295
CHR2	14184638	CHR2:14184638	SSF x Near_LoA	-10,5875904	0,078	0,309
CHR2	14188727	CHR2:14188727	SSF x Near_LoA	-9,82297749	0,133	0,297
CHR2	14191283	CHR2:14191283	SSF x Near_LoA	-11,4994059	-0,023	0,299
CHR2	14191321	CHR2:14191321	SSF x Near_LoA	-8,32961562	-0,037	0,319
CHR2	14191399	CHR2:14191399	SSF x Near_LoA	-9,24507689	0,017	0,326
CHR2	1419924	CHR2:1419924	SSF x Near_LoA	-9,6203797	0,077	0,310
CHR2	1420004	CHR2:1420004	SSF x Near_LoA	-8,14226079	0,067	0,291
CHR2	1420055	CHR2:1420055	SSF x Near_LoA	-9,99910747	-0,020	0,300
CHR2	1420072	CHR2:1420072	SSF x Near_LoA	-8,17077013	-0,053	0,299
CHR2	1420075	CHR2:1420075	SSF x Near_LoA	-7,67139772	-0,035	0,290
CHR2	1420082	CHR2:1420082	SSF x Near_LoA	-8,35944532	0,081	0,310
CHR2	1420086	CHR2:1420086	SSF x Near_LoA	-9,01698293	-0,016	0,301
CHR2	1420101	CHR2:1420101	SSF x Near_LoA	-9,31604683	0,015	0,315
CHR2	1420156	CHR2:1420156	SSF x Near_LoA	-8,31015944	0,040	0,294
CHR2	1420191	CHR2:1420191	SSF x Near_LoA	-10,5055483	-0,076	0,304
CHR2	14223195	CHR2:14223195	SSF x Near_LoA	-10,6676979	0,079	0,302
CHR2	14223239	CHR2:14223239	SSF x Near_LoA	-6,29255871	-0,108	0,296
CHR2	14223430	CHR2:14223430	SSF x Near_LoA	-10,8238552	0,012	0,307
CHR2	14229725	CHR2:14229725	SSF x Near_LoA	-6,956098	-0,175	0,307
CHR2	14229727	CHR2:14229727	SSF x Near_LoA	-8,59587939	-0,077	0,310
CHR2	14229769	CHR2:14229769	SSF x Near_LoA	-3,64056999	0,178	0,301
CHR2	14229781	CHR2:14229781	SSF x Near_LoA	-8,52990732	0,128	0,308
CHR2	14233735	CHR2:14233735	SSF x Near_LoA	-11,0139929	0,135	0,292
CHR2	14233736	CHR2:14233736	SSF x Near_LoA	-10,4100667	0,063	0,313
CHR2	14233748	CHR2:14233748	SSF x Near_LoA	-9,34647281	0,142	0,301
CHR2	14233792	CHR2:14233792	SSF x Near_LoA	-9,2974487	-0,075	0,297
CHR2	14233864	CHR2:14233864	SSF x Near_LoA	-11,0048136	0,000	0,296
CHR2	14235413	CHR2:14235413	SSF x Near_LoA	-10,5294073	0,156	0,295
CHR2	14235422	CHR2:14235422	SSF x Near_LoA	-9,1564752	0,178	0,292
CHR2	14235454	CHR2:14235454	SSF x Near_LoA	-10,8545878	-0,159	0,295
CHR2	14235753	CHR2:14235753	SSF x Near_LoA	-9,71178754	-0,079	0,314
CHR2	14235785	CHR2:14235785	SSF x Near_LoA	-8,7948859	-0,138	0,302
CHR2	14235813	CHR2:14235813	SSF x Near_LoA	-8,07983356	0,144	0,305
CHR2	14240972	CHR2:14240972	SSF x Near_LoA	-8,9469555	0,003	0,309
CHR2	14241069	CHR2:14241069	SSF x Near_LoA	-10,9466413	0,017	0,295
CHR2	14241122	CHR2:14241122	SSF x Near_LoA	-10,1221717	0,062	0,314
CHR2	14246348	CHR2:14246348	SSF x Near_LoA	-10,2798521	-0,086	0,298
CHR2	14246350	CHR2:14246350	SSF x Near_LoA	-9,94503932	0,027	0,316
CHR2	14246415	CHR2:14246415	SSF x Near_LoA	-10,4734342	-0,011	0,296
CHR2	14252807	CHR2:14252807	SSF x Near_LoA	-4,49436606	0,183	0,293

CHR2	14254690	CHR2:14254690	SSF x Near_LoA	-10,5238147	-0,104	0,307
CHR2	14254759	CHR2:14254759	SSF x Near_LoA	-9,2734536	-0,116	0,322
CHR2	14254796	CHR2:14254796	SSF x Near_LoA	-10,329007	-0,113	0,312
CHR2	14254934	CHR2:14254934	SSF x Near_LoA	-11,3555692	-0,086	0,315
CHR2	14257546	CHR2:14257546	SSF x Near_LoA	-9,32810994	0,081	0,300
CHR2	14257667	CHR2:14257667	SSF x Near_LoA	-9,054098	0,011	0,313
CHR2	14274801	CHR2:14274801	SSF x Near_LoA	-8,44131632	0,124	0,302
CHR2	14274845	CHR2:14274845	SSF x Near_LoA	-9,27725879	0,016	0,309
CHR2	14274864	CHR2:14274864	SSF x Near_LoA	-9,59839659	-0,071	0,310
CHR2	14274875	CHR2:14274875	SSF x Near_LoA	-7,88524769	-0,013	0,307
CHR2	14274880	CHR2:14274880	SSF x Near_LoA	-0,15948795	-0,077	0,310
CHR2	14274888	CHR2:14274888	SSF x Near_LoA	-9,04072359	-0,022	0,320
CHR2	14274965	CHR2:14274965	SSF x Near_LoA	-8,16352906	-0,064	0,316
CHR2	14274973	CHR2:14274973	SSF x Near_LoA	-10,104378	0,044	0,305
CHR2	14275019	CHR2:14275019	SSF x Near_LoA	-8,19246542	-0,058	0,310
CHR2	14280363	CHR2:14280363	SSF x Near_LoA	-11,1771763	0,003	0,311
CHR2	14281046	CHR2:14281046	SSF x Near_LoA	-11,1324377	-0,064	0,307
CHR2	14281061	CHR2:14281061	SSF x Near_LoA	-8,94352553	0,043	0,300
CHR2	14282273	CHR2:14282273	SSF x Near_LoA	-11,7400295	-0,037	0,296
CHR2	14289070	CHR2:14289070	SSF x Near_LoA	-10,427198	0,033	0,295
CHR2	14289187	CHR2:14289187	SSF x Near_LoA	-9,41648938	-0,002	0,311
CHR2	14297621	CHR2:14297621	SSF x Near_LoA	-2,51954016	-0,056	0,302
CHR2	14297674	CHR2:14297674	SSF x Near_LoA	-6,96930757	-0,048	0,303
CHR2	14297678	CHR2:14297678	SSF x Near_LoA	-7,11779019	0,044	0,314
CHR2	14322172	CHR2:14322172	SSF x Near_LoA	-9,42864951	0,064	0,298
CHR2	14322212	CHR2:14322212	SSF x Near_LoA	-6,4622114	0,148	0,295
CHR2	14322233	CHR2:14322233	SSF x Near_LoA	-8,43838195	0,123	0,305
CHR2	14322239	CHR2:14322239	SSF x Near_LoA	-10,14266	0,128	0,306
CHR2	14322245	CHR2:14322245	SSF x Near_LoA	-8,23357422	0,139	0,286
CHR2	14322312	CHR2:14322312	SSF x Near_LoA	-9,73235981	0,005	0,320
CHR2	14322317	CHR2:14322317	SSF x Near_LoA	-9,06635984	0,130	0,303
CHR2	14322321	CHR2:14322321	SSF x Near_LoA	-9,17247622	-0,019	0,313
CHR2	14324887	CHR2:14324887	SSF x Near_LoA	-9,54376165	0,054	0,306
CHR2	14340959	CHR2:14340959	SSF x Near_LoA	-11,188407	0,020	0,312
CHR2	1434420	CHR2:1434420	SSF x Near_LoA	-11,0320842	0,068	0,287
CHR2	14349818	CHR2:14349818	SSF x Near_LoA	-10,8789246	0,032	0,297
CHR2	14349822	CHR2:14349822	SSF x Near_LoA	-11,7796564	0,005	0,313
CHR2	14359235	CHR2:14359235	SSF x Near_LoA	-9,37822115	-0,033	0,319
CHR2	14359287	CHR2:14359287	SSF x Near_LoA	-5,66489747	0,033	0,295
CHR2	14359291	CHR2:14359291	SSF x Near_LoA	-10,9682321	0,117	0,289
CHR2	14359295	CHR2:14359295	SSF x Near_LoA	-7,77526805	0,010	0,303
CHR2	14359323	CHR2:14359323	SSF x Near_LoA	-11,3637711	-0,027	0,317
CHR2	14359340	CHR2:14359340	SSF x Near_LoA	-9,52140861	0,026	0,312
CHR2	14359341	CHR2:14359341	SSF x Near_LoA	-8,45964533	0,024	0,302
CHR2	14359352	CHR2:14359352	SSF x Near_LoA	-11,2350277	-0,044	0,302
CHR2	14364018	CHR2:14364018	SSF x Near_LoA	-11,5645599	0,007	0,305
CHR2	14364040	CHR2:14364040	SSF x Near_LoA	-11,5675904	-0,035	0,306
CHR2	14364042	CHR2:14364042	SSF x Near_LoA	-10,0418763	-0,082	0,313
CHR2	14364063	CHR2:14364063	SSF x Near_LoA	-8,57771739	-0,057	0,309
CHR2	14364073	CHR2:14364073	SSF x Near_LoA	-8,92989364	-0,026	0,305
CHR2	14364076	CHR2:14364076	SSF x Near_LoA	-10,5399849	-0,003	0,312
CHR2	14364077	CHR2:14364077	SSF x Near_LoA	-10,0430914	0,058	0,309
CHR2	14364180	CHR2:14364180	SSF x Near_LoA	-9,14579839	0,062	0,317

CHR2	14364201	CHR2:14364201	SSF x Near_LoA	-9,55115159	-0,076	0,304
CHR2	14364221	CHR2:14364221	SSF x Near_LoA	-9,36600478	-0,062	0,328
CHR2	14364244	CHR2:14364244	SSF x Near_LoA	-8,60715919	0,065	0,296
CHR2	14364251	CHR2:14364251	SSF x Near_LoA	-10,2306216	0,067	0,288
CHR2	14364272	CHR2:14364272	SSF x Near_LoA	-9,16587729	-0,068	0,310
CHR2	14364273	CHR2:14364273	SSF x Near_LoA	-2,82696097	0,055	0,316
CHR2	14367063	CHR2:14367063	SSF x Near_LoA	-8,31483653	-0,007	0,306
CHR2	14367065	CHR2:14367065	SSF x Near_LoA	-9,45334102	-0,010	0,314
CHR2	14372801	CHR2:14372801	SSF x Near_LoA	-8,48366043	0,065	0,300
CHR2	14372841	CHR2:14372841	SSF x Near_LoA	-9,75592922	-0,005	0,322
CHR2	14372901	CHR2:14372901	SSF x Near_LoA	-9,28959989	0,031	0,311
CHR2	14372915	CHR2:14372915	SSF x Near_LoA	-7,63656487	-0,033	0,304
CHR2	14372916	CHR2:14372916	SSF x Near_LoA	-6,05046086	0,111	0,311
CHR2	14374814	CHR2:14374814	SSF x Near_LoA	-8,56948694	-0,076	0,325
CHR2	14377725	CHR2:14377725	SSF x Near_LoA	-11,7235917	-0,023	0,300
CHR2	14377823	CHR2:14377823	SSF x Near_LoA	-8,67482713	-0,017	0,302
CHR2	14379121	CHR2:14379121	SSF x Near_LoA	-9,74192588	-0,098	0,300
CHR2	14385906	CHR2:14385906	SSF x Near_LoA	-8,68283547	0,025	0,294
CHR2	1439606	CHR2:1439606	SSF x Near_LoA	-9,3283968	0,054	0,312
CHR2	14397435	CHR2:14397435	SSF x Near_LoA	-10,8609912	-0,027	0,306
CHR2	14397547	CHR2:14397547	SSF x Near_LoA	-6,89237279	0,052	0,291
CHR2	14397580	CHR2:14397580	SSF x Near_LoA	-9,05741735	0,142	0,308
CHR2	14397638	CHR2:14397638	SSF x Near_LoA	-6,54010887	-0,173	0,298
CHR2	14397650	CHR2:14397650	SSF x Near_LoA	-9,50701466	0,033	0,316
CHR2	14397652	CHR2:14397652	SSF x Near_LoA	-8,66905844	0,047	0,309
CHR2	14397668	CHR2:14397668	SSF x Near_LoA	-11,2374771	-0,062	0,307
CHR2	14397674	CHR2:14397674	SSF x Near_LoA	-10,7563212	0,003	0,313
CHR2	14397723	CHR2:14397723	SSF x Near_LoA	-8,63933651	0,060	0,318
CHR2	14397727	CHR2:14397727	SSF x Near_LoA	-8,09214415	-0,075	0,306
CHR2	14397754	CHR2:14397754	SSF x Near_LoA	-11,8749173	0,062	0,313
CHR2	14397758	CHR2:14397758	SSF x Near_LoA	-9,74026361	0,013	0,294
CHR2	14397765	CHR2:14397765	SSF x Near_LoA	-7,37968674	0,056	0,314
CHR2	14401168	CHR2:14401168	SSF x Near_LoA	-10,2169369	0,029	0,321
CHR2	14401181	CHR2:14401181	SSF x Near_LoA	-7,44252379	-0,150	0,313
CHR2	14401183	CHR2:14401183	SSF x Near_LoA	-6,05426259	0,113	0,301
CHR2	14401227	CHR2:14401227	SSF x Near_LoA	-9,78286808	-0,116	0,310
CHR2	14401273	CHR2:14401273	SSF x Near_LoA	-7,27610881	-0,156	0,312
CHR2	14401278	CHR2:14401278	SSF x Near_LoA	-7,86252414	-0,128	0,287
CHR2	14412268	CHR2:14412268	SSF x Near_LoA	-10,9228293	0,037	0,304
CHR2	14417032	CHR2:14417032	SSF x Near_LoA	-8,33621905	-0,002	0,298
CHR2	14417083	CHR2:14417083	SSF x Near_LoA	-9,69166362	0,126	0,301
CHR2	14417095	CHR2:14417095	SSF x Near_LoA	-3,64950767	0,014	0,305
CHR2	14419012	CHR2:14419012	SSF x Near_LoA	-10,5423538	0,054	0,302
CHR2	14419034	CHR2:14419034	SSF x Near_LoA	-11,2607454	-0,046	0,315
CHR2	14419101	CHR2:14419101	SSF x Near_LoA	-8,29622514	-0,137	0,306
CHR2	14419102	CHR2:14419102	SSF x Near_LoA	-7,74689922	-0,132	0,308
CHR2	14419103	CHR2:14419103	SSF x Near_LoA	-7,72186245	-0,150	0,305
CHR2	14425273	CHR2:14425273	SSF x Near_LoA	-11,8279899	0,000	0,300
CHR2	14425276	CHR2:14425276	SSF x Near_LoA	-8,53318293	0,080	0,309
CHR2	14425326	CHR2:14425326	SSF x Near_LoA	-7,15591316	-0,116	0,304
CHR2	14425339	CHR2:14425339	SSF x Near_LoA	-8,06039969	-0,080	0,312
CHR2	14426770	CHR2:14426770	SSF x Near_LoA	-9,90661304	0,116	0,301
CHR2	14426822	CHR2:14426822	SSF x Near_LoA	-6,2151662	-0,138	0,309

CHR2	14426831	CHR2:14426831	SSF x Near_LoA	-7,75404952	-0,141	0,309
CHR2	14426837	CHR2:14426837	SSF x Near_LoA	3,44455048	-0,151	0,296
CHR2	14426840	CHR2:14426840	SSF x Near_LoA	-6,999094	0,194	0,286
CHR2	14426841	CHR2:14426841	SSF x Near_LoA	-4,48157879	0,226	0,296
CHR2	14426846	CHR2:14426846	SSF x Near_LoA	-11,1480871	-0,097	0,310
CHR2	14426867	CHR2:14426867	SSF x Near_LoA	-11,6575728	0,001	0,293
CHR2	14426876	CHR2:14426876	SSF x Near_LoA	-9,61194403	0,050	0,305
CHR2	14426879	CHR2:14426879	SSF x Near_LoA	-9,2894232	0,042	0,306
CHR2	14426887	CHR2:14426887	SSF x Near_LoA	-8,27744346	0,030	0,325
CHR2	14426900	CHR2:14426900	SSF x Near_LoA	-11,4295485	0,032	0,309
CHR2	14426907	CHR2:14426907	SSF x Near_LoA	-10,3591318	0,002	0,308
CHR2	14426975	CHR2:14426975	SSF x Near_LoA	-11,052148	-0,042	0,303
CHR2	14433539	CHR2:14433539	SSF x Near_LoA	-9,19875509	0,164	0,288
CHR2	14433721	CHR2:14433721	SSF x Near_LoA	-8,22145001	0,039	0,307
CHR2	14435616	CHR2:14435616	SSF x Near_LoA	-7,39652943	-0,112	0,300
CHR2	14435648	CHR2:14435648	SSF x Near_LoA	-10,680835	0,058	0,300
CHR2	14441678	CHR2:14441678	SSF x Near_LoA	-9,6483092	-0,027	0,292
CHR2	14441713	CHR2:14441713	SSF x Near_LoA	-9,53205255	-0,033	0,306
CHR2	14442054	CHR2:14442054	SSF x Near_LoA	-8,2304572	0,059	0,311
CHR2	14442082	CHR2:14442082	SSF x Near_LoA	-9,99668412	-0,111	0,296
CHR2	14442117	CHR2:14442117	SSF x Near_LoA	-11,1697877	0,019	0,317
CHR2	14442187	CHR2:14442187	SSF x Near_LoA	-11,3617104	-0,032	0,309
CHR2	1444866	CHR2:1444866	SSF x Near_LoA	-8,61028019	-0,108	0,300
CHR2	1444875	CHR2:1444875	SSF x Near_LoA	-9,41647479	-0,074	0,304
CHR2	1444883	CHR2:1444883	SSF x Near_LoA	-11,7153336	0,001	0,307
CHR2	1444889	CHR2:1444889	SSF x Near_LoA	-8,84109844	0,032	0,320
CHR2	1444910	CHR2:1444910	SSF x Near_LoA	-8,23047966	0,026	0,304
CHR2	1444915	CHR2:1444915	SSF x Near_LoA	-10,074492	0,002	0,314
CHR2	1444916	CHR2:1444916	SSF x Near_LoA	-10,7247462	0,019	0,312
CHR2	1444924	CHR2:1444924	SSF x Near_LoA	-11,3039651	-0,032	0,305
CHR2	1444928	CHR2:1444928	SSF x Near_LoA	-9,38565317	0,039	0,313
CHR2	1444946	CHR2:1444946	SSF x Near_LoA	-7,87672594	-0,102	0,301
CHR2	1444957	CHR2:1444957	SSF x Near_LoA	-9,04431097	0,058	0,308
CHR2	1444961	CHR2:1444961	SSF x Near_LoA	-8,4501905	-0,093	0,320
CHR2	1444982	CHR2:1444982	SSF x Near_LoA	-9,04271875	0,017	0,297
CHR2	1444987	CHR2:1444987	SSF x Near_LoA	-5,62871768	-0,089	0,307
CHR2	1445077	CHR2:1445077	SSF x Near_LoA	-9,14228878	0,009	0,309
CHR2	1445118	CHR2:1445118	SSF x Near_LoA	-10,3552737	-0,036	0,310
CHR2	14451412	CHR2:14451412	SSF x Near_LoA	-7,77467403	0,162	0,314
CHR2	1447003	CHR2:1447003	SSF x Near_LoA	-8,26717488	-0,121	0,320
CHR2	1447007	CHR2:1447007	SSF x Near_LoA	-10,841314	0,064	0,310
CHR2	1447065	CHR2:1447065	SSF x Near_LoA	-8,8163253	0,000	0,301
CHR2	1447069	CHR2:1447069	SSF x Near_LoA	-9,16397551	0,004	0,309
CHR2	1447108	CHR2:1447108	SSF x Near_LoA	-9,36076754	0,057	0,313
CHR2	1447112	CHR2:1447112	SSF x Near_LoA	-9,0025281	0,074	0,311
CHR2	1447115	CHR2:1447115	SSF x Near_LoA	-9,76363887	0,040	0,313
CHR2	1447165	CHR2:1447165	SSF x Near_LoA	-10,1181221	0,012	0,310
CHR2	1447168	CHR2:1447168	SSF x Near_LoA	-10,6567257	0,020	0,304
CHR2	1447180	CHR2:1447180	SSF x Near_LoA	-10,5372037	0,051	0,288
CHR2	1447210	CHR2:1447210	SSF x Near_LoA	-10,089357	-0,063	0,312
CHR2	1447229	CHR2:1447229	SSF x Near_LoA	-9,66696336	0,019	0,311
CHR2	14479540	CHR2:14479540	SSF x Near_LoA	-7,14456439	-0,095	0,309
CHR2	14479545	CHR2:14479545	SSF x Near_LoA	-5,62582127	0,083	0,304

CHR2	14479561	CHR2:14479561	SSF x Near_LoA	-11,0826724	-0,105	0,311
CHR2	14479564	CHR2:14479564	SSF x Near_LoA	-8,32772331	-0,122	0,311
CHR2	14479608	CHR2:14479608	SSF x Near_LoA	-4,77034854	0,105	0,306
CHR2	14479647	CHR2:14479647	SSF x Near_LoA	-10,3889343	0,095	0,302
CHR2	14485511	CHR2:14485511	SSF x Near_LoA	-10,8196897	0,015	0,296
CHR2	14485515	CHR2:14485515	SSF x Near_LoA	-10,9608625	-0,007	0,313
CHR2	14485520	CHR2:14485520	SSF x Near_LoA	-9,85783396	0,001	0,312
CHR2	14485521	CHR2:14485521	SSF x Near_LoA	-11,2620509	0,017	0,298
CHR2	14485529	CHR2:14485529	SSF x Near_LoA	-11,8661845	-0,017	0,306
CHR2	14485532	CHR2:14485532	SSF x Near_LoA	-11,8919512	-0,001	0,305
CHR2	14485597	CHR2:14485597	SSF x Near_LoA	-9,31596032	0,133	0,297
CHR2	14490376	CHR2:14490376	SSF x Near_LoA	-11,8167337	0,020	0,296
CHR2	14490800	CHR2:14490800	SSF x Near_LoA	-11,0235532	-0,021	0,318
CHR2	14490820	CHR2:14490820	SSF x Near_LoA	-5,81629393	-0,064	0,318
CHR2	14490853	CHR2:14490853	SSF x Near_LoA	-9,08690574	-0,059	0,306
CHR2	14490863	CHR2:14490863	SSF x Near_LoA	-10,876751	-0,009	0,314
CHR2	14490869	CHR2:14490869	SSF x Near_LoA	-8,47066552	0,075	0,302
CHR2	14490876	CHR2:14490876	SSF x Near_LoA	-8,77133728	0,064	0,311
CHR2	14498113	CHR2:14498113	SSF x Near_LoA	-8,47426669	0,068	0,294
CHR2	14498176	CHR2:14498176	SSF x Near_LoA	-11,0244243	0,030	0,301
CHR2	14498193	CHR2:14498193	SSF x Near_LoA	-8,80123042	-0,074	0,304
CHR2	14498195	CHR2:14498195	SSF x Near_LoA	-9,38680974	-0,087	0,297
CHR2	14508105	CHR2:14508105	SSF x Near_LoA	-6,95632691	0,123	0,294
CHR2	14508106	CHR2:14508106	SSF x Near_LoA	-9,2632324	-0,012	0,301
CHR2	14508109	CHR2:14508109	SSF x Near_LoA	-8,2495602	-0,037	0,306
CHR2	14508141	CHR2:14508141	SSF x Near_LoA	-10,927147	0,073	0,309
CHR2	14508175	CHR2:14508175	SSF x Near_LoA	-7,50778091	-0,033	0,298
CHR2	14508196	CHR2:14508196	SSF x Near_LoA	-8,13726851	-0,022	0,299
CHR2	14508576	CHR2:14508576	SSF x Near_LoA	-10,3373325	0,150	0,306
CHR2	14508577	CHR2:14508577	SSF x Near_LoA	-8,09032033	-0,089	0,304
CHR2	14508615	CHR2:14508615	SSF x Near_LoA	-9,02663777	0,105	0,296
CHR2	14508624	CHR2:14508624	SSF x Near_LoA	-5,63319771	-0,178	0,304
CHR2	14508654	CHR2:14508654	SSF x Near_LoA	-6,16985779	-0,156	0,308
CHR2	14523367	CHR2:14523367	SSF x Near_LoA	-6,62838546	-0,111	0,310
CHR2	14523375	CHR2:14523375	SSF x Near_LoA	-7,94768326	0,096	0,302
CHR2	14523392	CHR2:14523392	SSF x Near_LoA	-2,73346521	0,051	0,313
CHR2	14523415	CHR2:14523415	SSF x Near_LoA	-9,57831058	-0,102	0,301
CHR2	14523435	CHR2:14523435	SSF x Near_LoA	-10,352356	-0,044	0,311
CHR2	14523454	CHR2:14523454	SSF x Near_LoA	-9,49891731	-0,007	0,309
CHR2	1452686	CHR2:1452686	SSF x Near_LoA	-10,4761882	-0,080	0,305
CHR2	1452950	CHR2:1452950	SSF x Near_LoA	-10,1895238	-0,025	0,310
CHR2	1452986	CHR2:1452986	SSF x Near_LoA	-12,4513293	0,024	0,305
CHR2	1452992	CHR2:1452992	SSF x Near_LoA	-4,93762128	0,024	0,315
CHR2	1452993	CHR2:1452993	SSF x Near_LoA	-9,20840381	-0,040	0,311
CHR2	1453043	CHR2:1453043	SSF x Near_LoA	-7,48405425	0,170	0,296
CHR2	1453083	CHR2:1453083	SSF x Near_LoA	-7,22700143	0,136	0,303
CHR2	14547609	CHR2:14547609	SSF x Near_LoA	-8,63408967	0,052	0,311
CHR2	14547612	CHR2:14547612	SSF x Near_LoA	-9,22103008	0,030	0,304
CHR2	14547619	CHR2:14547619	SSF x Near_LoA	-5,73766064	0,088	0,297
CHR2	14547718	CHR2:14547718	SSF x Near_LoA	-7,48133089	-0,032	0,311
CHR2	14547729	CHR2:14547729	SSF x Near_LoA	-6,67711714	-0,019	0,305
CHR2	14547742	CHR2:14547742	SSF x Near_LoA	-7,06392774	0,137	0,297
CHR2	14547823	CHR2:14547823	SSF x Near_LoA	-8,87872473	-0,037	0,321

CHR2	14547845	CHR2:14547845	SSF x Near_LoA	-8,81513428	-0,045	0,301
CHR2	14547870	CHR2:14547870	SSF x Near_LoA	-8,27458168	-0,082	0,314
CHR2	14547904	CHR2:14547904	SSF x Near_LoA	-7,78629351	-0,131	0,304
CHR2	14547910	CHR2:14547910	SSF x Near_LoA	-9,20388519	-0,060	0,297
CHR2	14553828	CHR2:14553828	SSF x Near_LoA	-7,09662022	0,013	0,311
CHR2	14553899	CHR2:14553899	SSF x Near_LoA	-11,0565792	0,069	0,298
CHR2	14553917	CHR2:14553917	SSF x Near_LoA	-4,04428353	-0,203	0,301
CHR2	14553949	CHR2:14553949	SSF x Near_LoA	-6,80477692	-0,052	0,295
CHR2	14553958	CHR2:14553958	SSF x Near_LoA	-8,79247053	-0,056	0,293
CHR2	14553971	CHR2:14553971	SSF x Near_LoA	-9,00199751	-0,060	0,304
CHR2	14553973	CHR2:14553973	SSF x Near_LoA	-8,80640759	-0,151	0,311
CHR2	14554025	CHR2:14554025	SSF x Near_LoA	-8,11440954	-0,045	0,303
CHR2	1455509	CHR2:1455509	SSF x Near_LoA	-10,2237852	0,028	0,324
CHR2	1455511	CHR2:1455511	SSF x Near_LoA	-10,4225535	-0,004	0,314
CHR2	14572598	CHR2:14572598	SSF x Near_LoA	-10,8108187	0,037	0,307
CHR2	14572603	CHR2:14572603	SSF x Near_LoA	-10,8118814	0,038	0,311
CHR2	14572604	CHR2:14572604	SSF x Near_LoA	-7,86306245	-0,047	0,301
CHR2	14572615	CHR2:14572615	SSF x Near_LoA	-12,4436532	0,040	0,289
CHR2	14572623	CHR2:14572623	SSF x Near_LoA	-11,4321861	0,010	0,312
CHR2	14572627	CHR2:14572627	SSF x Near_LoA	-11,367198	0,006	0,312
CHR2	14572652	CHR2:14572652	SSF x Near_LoA	-9,40990724	-0,072	0,301
CHR2	14572747	CHR2:14572747	SSF x Near_LoA	-8,88571124	-0,016	0,308
CHR2	14572768	CHR2:14572768	SSF x Near_LoA	-9,14091953	-0,008	0,315
CHR2	14572828	CHR2:14572828	SSF x Near_LoA	-9,29298176	-0,079	0,308
CHR2	14572838	CHR2:14572838	SSF x Near_LoA	-10,4574937	0,095	0,303
CHR2	14572839	CHR2:14572839	SSF x Near_LoA	-11,9485492	-0,034	0,302
CHR2	14572856	CHR2:14572856	SSF x Near_LoA	-8,0065494	-0,021	0,307
CHR2	14586841	CHR2:14586841	SSF x Near_LoA	-9,77337615	-0,069	0,319
CHR2	14586945	CHR2:14586945	SSF x Near_LoA	-11,2683611	-0,054	0,308
CHR2	14586962	CHR2:14586962	SSF x Near_LoA	-9,55063516	-0,001	0,307
CHR2	14599932	CHR2:14599932	SSF x Near_LoA	-8,49979901	-0,105	0,305
CHR2	14599959	CHR2:14599959	SSF x Near_LoA	-6,04234647	0,077	0,298
CHR2	14600083	CHR2:14600083	SSF x Near_LoA	0,19265489	-0,135	0,301
CHR2	14600090	CHR2:14600090	SSF x Near_LoA	-10,1440593	0,129	0,304
CHR2	14600220	CHR2:14600220	SSF x Near_LoA	-5,0572487	0,144	0,296
CHR2	14600228	CHR2:14600228	SSF x Near_LoA	-7,60214931	-0,101	0,303
CHR2	14600265	CHR2:14600265	SSF x Near_LoA	-11,3568498	0,066	0,313
CHR2	14605240	CHR2:14605240	SSF x Near_LoA	-7,32520498	0,037	0,312
CHR2	14605273	CHR2:14605273	SSF x Near_LoA	-7,93297171	-0,014	0,299
CHR2	14605460	CHR2:14605460	SSF x Near_LoA	-4,14257393	-0,082	0,299
CHR2	14605486	CHR2:14605486	SSF x Near_LoA	-10,2930109	0,025	0,313
CHR2	14608583	CHR2:14608583	SSF x Near_LoA	-4,37391783	0,118	0,301
CHR2	14608603	CHR2:14608603	SSF x Near_LoA	-7,61610856	0,061	0,321
CHR2	14608624	CHR2:14608624	SSF x Near_LoA	-10,2095025	0,094	0,309
CHR2	14608627	CHR2:14608627	SSF x Near_LoA	-6,68907391	0,037	0,324
CHR2	14608644	CHR2:14608644	SSF x Near_LoA	-8,43163729	-0,018	0,295
CHR2	14608658	CHR2:14608658	SSF x Near_LoA	-11,3078243	-0,059	0,303
CHR2	14630189	CHR2:14630189	SSF x Near_LoA	-8,35366967	-0,028	0,307
CHR2	14632994	CHR2:14632994	SSF x Near_LoA	-7,40785297	0,013	0,319
CHR2	14632998	CHR2:14632998	SSF x Near_LoA	-9,90548524	-0,018	0,317
CHR2	14633013	CHR2:14633013	SSF x Near_LoA	-11,3352554	-0,009	0,310
CHR2	14633080	CHR2:14633080	SSF x Near_LoA	-8,20710675	0,040	0,311
CHR2	14633094	CHR2:14633094	SSF x Near_LoA	-8,91915065	0,002	0,305

CHR2	14633156	CHR2:14633156	SSF x Near_LoA	-10,0576003	0,017	0,310
CHR2	14639155	CHR2:14639155	SSF x Near_LoA	-9,14640071	-0,002	0,314
CHR2	14639235	CHR2:14639235	SSF x Near_LoA	-8,20300551	-0,092	0,302
CHR2	14661815	CHR2:14661815	SSF x Near_LoA	-9,8180304	0,035	0,324
CHR2	14661853	CHR2:14661853	SSF x Near_LoA	-9,44202885	0,097	0,294
CHR2	14661905	CHR2:14661905	SSF x Near_LoA	-10,0667789	0,046	0,314
CHR2	14662001	CHR2:14662001	SSF x Near_LoA	-10,3792289	0,001	0,301
CHR2	14662012	CHR2:14662012	SSF x Near_LoA	-10,6021663	0,005	0,303
CHR2	14662037	CHR2:14662037	SSF x Near_LoA	7,12491324	-0,177	0,306
CHR2	14662044	CHR2:14662044	SSF x Near_LoA	-10,8971347	-0,014	0,306
CHR2	14662056	CHR2:14662056	SSF x Near_LoA	-10,6904231	-0,029	0,313
CHR2	14662090	CHR2:14662090	SSF x Near_LoA	-8,77510716	-0,007	0,304
CHR2	14711004	CHR2:14711004	SSF x Near_LoA	-8,18526306	0,090	0,305
CHR2	14711012	CHR2:14711012	SSF x Near_LoA	-11,3956546	-0,018	0,303
CHR2	14711017	CHR2:14711017	SSF x Near_LoA	-10,8877024	0,006	0,312
CHR2	14711018	CHR2:14711018	SSF x Near_LoA	-11,5024399	0,012	0,293
CHR2	14711019	CHR2:14711019	SSF x Near_LoA	-8,36292913	-0,106	0,304
CHR2	14711054	CHR2:14711054	SSF x Near_LoA	-9,33603948	-0,065	0,327
CHR2	14711070	CHR2:14711070	SSF x Near_LoA	-5,1484106	-0,091	0,314
CHR2	14711097	CHR2:14711097	SSF x Near_LoA	-9,10434527	-0,110	0,307
CHR2	14711101	CHR2:14711101	SSF x Near_LoA	-8,40335104	0,040	0,315
CHR2	14711118	CHR2:14711118	SSF x Near_LoA	-10,4869285	0,000	0,304
CHR2	14713393	CHR2:14713393	SSF x Near_LoA	-9,98449538	-0,058	0,320
CHR2	14713395	CHR2:14713395	SSF x Near_LoA	-11,392209	-0,070	0,312
CHR2	14713402	CHR2:14713402	SSF x Near_LoA	-9,60844676	0,046	0,298
CHR2	14713407	CHR2:14713407	SSF x Near_LoA	-9,54865771	0,011	0,295
CHR2	14713414	CHR2:14713414	SSF x Near_LoA	-5,54576109	-0,048	0,313
CHR2	14713439	CHR2:14713439	SSF x Near_LoA	-9,13040482	-0,061	0,300
CHR2	14713442	CHR2:14713442	SSF x Near_LoA	-8,53619649	0,136	0,313
CHR2	14719359	CHR2:14719359	SSF x Near_LoA	-6,90748163	-0,022	0,319
CHR2	14719416	CHR2:14719416	SSF x Near_LoA	-9,31395379	-0,042	0,310
CHR2	14723152	CHR2:14723152	SSF x Near_LoA	-10,1209115	-0,010	0,286
CHR2	14723243	CHR2:14723243	SSF x Near_LoA	-10,6896458	-0,021	0,306
CHR2	14723259	CHR2:14723259	SSF x Near_LoA	-9,97195577	0,005	0,305
CHR2	14723311	CHR2:14723311	SSF x Near_LoA	-9,88610284	-0,016	0,320
CHR2	14723320	CHR2:14723320	SSF x Near_LoA	-10,507476	-0,051	0,306
CHR2	14724818	CHR2:14724818	SSF x Near_LoA	-8,22412479	-0,120	0,304
CHR2	14724868	CHR2:14724868	SSF x Near_LoA	-8,35234552	0,037	0,317
CHR2	14724871	CHR2:14724871	SSF x Near_LoA	-3,34366195	0,063	0,306
CHR2	14742785	CHR2:14742785	SSF x Near_LoA	-9,51382768	-0,033	0,298
CHR2	14742807	CHR2:14742807	SSF x Near_LoA	-9,02375197	0,044	0,306
CHR2	14742825	CHR2:14742825	SSF x Near_LoA	-8,38331055	-0,103	0,312
CHR2	14747105	CHR2:14747105	SSF x Near_LoA	-5,55495055	0,023	0,307
CHR2	14748478	CHR2:14748478	SSF x Near_LoA	-9,07040491	0,066	0,304
CHR2	14748511	CHR2:14748511	SSF x Near_LoA	-10,3292813	-0,077	0,305
CHR2	14748514	CHR2:14748514	SSF x Near_LoA	-10,5431568	-0,068	0,308
CHR2	14748601	CHR2:14748601	SSF x Near_LoA	-10,077635	-0,107	0,305
CHR2	14762872	CHR2:14762872	SSF x Near_LoA	-7,62509536	-0,120	0,300
CHR2	14762874	CHR2:14762874	SSF x Near_LoA	-6,59734857	-0,106	0,303
CHR2	14762890	CHR2:14762890	SSF x Near_LoA	-11,0261829	-0,022	0,303
CHR2	14762962	CHR2:14762962	SSF x Near_LoA	-8,99560733	-0,016	0,308
CHR2	14765693	CHR2:14765693	SSF x Near_LoA	-8,04471886	0,044	0,306
CHR2	14765709	CHR2:14765709	SSF x Near_LoA	-6,99011723	-0,078	0,303

CHR2	14765711	CHR2:14765711	SSF x Near_LoA	-8,85620562	0,089	0,305
CHR2	14765734	CHR2:14765734	SSF x Near_LoA	-9,158304	-0,033	0,299
CHR2	14765796	CHR2:14765796	SSF x Near_LoA	-12,3295564	-0,016	0,281
CHR2	14773232	CHR2:14773232	SSF x Near_LoA	-10,3342704	-0,082	0,299
CHR2	14773272	CHR2:14773272	SSF x Near_LoA	-8,05496873	0,006	0,301
CHR2	14773295	CHR2:14773295	SSF x Near_LoA	-11,4234466	0,076	0,307
CHR2	14773303	CHR2:14773303	SSF x Near_LoA	-8,10230215	-0,122	0,314
CHR2	14773310	CHR2:14773310	SSF x Near_LoA	-8,02933744	-0,079	0,311
CHR2	14773360	CHR2:14773360	SSF x Near_LoA	-8,70252703	-0,056	0,303
CHR2	14774961	CHR2:14774961	SSF x Near_LoA	-10,0307251	-0,020	0,309
CHR2	14806582	CHR2:14806582	SSF x Near_LoA	-9,57087694	-0,009	0,315
CHR2	14806608	CHR2:14806608	SSF x Near_LoA	-10,886326	-0,124	0,299
CHR2	14806610	CHR2:14806610	SSF x Near_LoA	-8,96461811	-0,169	0,304
CHR2	14806650	CHR2:14806650	SSF x Near_LoA	-10,0183831	-0,070	0,306
CHR2	14806673	CHR2:14806673	SSF x Near_LoA	-10,7918264	-0,061	0,323
CHR2	14820561	CHR2:14820561	SSF x Near_LoA	-9,40764901	0,047	0,304
CHR2	14820566	CHR2:14820566	SSF x Near_LoA	-8,15229345	-0,052	0,298
CHR2	14820568	CHR2:14820568	SSF x Near_LoA	-7,71519894	-0,057	0,321
CHR2	14820641	CHR2:14820641	SSF x Near_LoA	-8,03925889	0,088	0,316
CHR2	14820779	CHR2:14820779	SSF x Near_LoA	10,3456083	-0,105	0,316
CHR2	14822706	CHR2:14822706	SSF x Near_LoA	-8,14606848	0,120	0,306
CHR2	14828021	CHR2:14828021	SSF x Near_LoA	-8,44471843	-0,111	0,313
CHR2	14834716	CHR2:14834716	SSF x Near_LoA	-11,4219793	0,041	0,314
CHR2	14834764	CHR2:14834764	SSF x Near_LoA	-6,29739088	0,127	0,310
CHR2	14834844	CHR2:14834844	SSF x Near_LoA	-9,68686584	-0,083	0,302
CHR2	14835802	CHR2:14835802	SSF x Near_LoA	-10,736153	-0,065	0,309
CHR2	14841869	CHR2:14841869	SSF x Near_LoA	-5,14321233	0,102	0,304
CHR2	14841960	CHR2:14841960	SSF x Near_LoA	-9,79581969	0,026	0,321
CHR2	14842353	CHR2:14842353	SSF x Near_LoA	-9,02557299	-0,075	0,303
CHR2	14842366	CHR2:14842366	SSF x Near_LoA	-8,71152102	-0,125	0,319
CHR2	14842444	CHR2:14842444	SSF x Near_LoA	-6,24360681	0,136	0,298
CHR2	14844146	CHR2:14844146	SSF x Near_LoA	-9,37482244	-0,106	0,318
CHR2	14844151	CHR2:14844151	SSF x Near_LoA	-8,0447349	0,048	0,318
CHR2	14844176	CHR2:14844176	SSF x Near_LoA	-11,2800256	0,075	0,298
CHR2	14844177	CHR2:14844177	SSF x Near_LoA	-8,90903995	-0,010	0,302
CHR2	14844225	CHR2:14844225	SSF x Near_LoA	-10,5949262	-0,067	0,306
CHR2	14844385	CHR2:14844385	SSF x Near_LoA	-10,7247068	0,064	0,303
CHR2	14850433	CHR2:14850433	SSF x Near_LoA	-9,98038109	-0,087	0,321
CHR2	14850475	CHR2:14850475	SSF x Near_LoA	-9,49045608	-0,001	0,300
CHR2	14850689	CHR2:14850689	SSF x Near_LoA	-9,25540379	-0,116	0,297
CHR2	14850690	CHR2:14850690	SSF x Near_LoA	-9,2141829	-0,122	0,313
CHR2	14850694	CHR2:14850694	SSF x Near_LoA	-10,0067962	-0,103	0,309
CHR2	14850697	CHR2:14850697	SSF x Near_LoA	-10,2371333	-0,094	0,299
CHR2	14850712	CHR2:14850712	SSF x Near_LoA	-8,49982829	-0,077	0,309
CHR2	14851944	CHR2:14851944	SSF x Near_LoA	-11,0022105	-0,028	0,300
CHR2	14851965	CHR2:14851965	SSF x Near_LoA	-10,2156043	-0,069	0,306
CHR2	14851997	CHR2:14851997	SSF x Near_LoA	-8,14275775	0,043	0,313
CHR2	14852008	CHR2:14852008	SSF x Near_LoA	-7,06268563	-0,083	0,300
CHR2	14852032	CHR2:14852032	SSF x Near_LoA	-9,44568438	0,007	0,306
CHR2	14852073	CHR2:14852073	SSF x Near_LoA	-5,23162533	0,018	0,310
CHR2	14852106	CHR2:14852106	SSF x Near_LoA	-11,3012801	0,018	0,302
CHR2	14852145	CHR2:14852145	SSF x Near_LoA	-11,285545	-0,025	0,304
CHR2	14852187	CHR2:14852187	SSF x Near_LoA	-11,2010246	-0,026	0,301

CHR2	14852208	CHR2:14852208	SSF x Near_LoA	-7,83512882	-0,035	0,314
CHR2	14856910	CHR2:14856910	SSF x Near_LoA	-9,16308117	0,073	0,290
CHR2	14856966	CHR2:14856966	SSF x Near_LoA	-8,41449888	-0,001	0,321
CHR2	14857004	CHR2:14857004	SSF x Near_LoA	-6,96230174	0,138	0,310
CHR2	14857056	CHR2:14857056	SSF x Near_LoA	-10,0385628	-0,132	0,307
CHR2	14857070	CHR2:14857070	SSF x Near_LoA	-7,69136277	0,141	0,316
CHR2	14857094	CHR2:14857094	SSF x Near_LoA	-10,6370729	-0,109	0,311
CHR2	14857100	CHR2:14857100	SSF x Near_LoA	-10,9976393	-0,101	0,323
CHR2	14857174	CHR2:14857174	SSF x Near_LoA	-9,59416172	0,002	0,302
CHR2	14860715	CHR2:14860715	SSF x Near_LoA	-9,86560115	-0,078	0,304
CHR2	14860738	CHR2:14860738	SSF x Near_LoA	-8,95968884	-0,100	0,310
CHR2	14860818	CHR2:14860818	SSF x Near_LoA	-10,1404368	0,053	0,315
CHR2	14865244	CHR2:14865244	SSF x Near_LoA	-8,40868583	-0,061	0,312
CHR2	14865279	CHR2:14865279	SSF x Near_LoA	-5,99454705	-0,060	0,305
CHR2	14867025	CHR2:14867025	SSF x Near_LoA	-11,4548872	-0,068	0,303
CHR2	14867033	CHR2:14867033	SSF x Near_LoA	-11,1494136	0,019	0,308
CHR2	14867047	CHR2:14867047	SSF x Near_LoA	-7,59870396	-0,061	0,308
CHR2	14867110	CHR2:14867110	SSF x Near_LoA	-8,89726724	-0,051	0,313
CHR2	14869643	CHR2:14869643	SSF x Near_LoA	-9,60226627	0,027	0,311
CHR2	14869736	CHR2:14869736	SSF x Near_LoA	-8,99490747	0,003	0,305
CHR2	14883715	CHR2:14883715	SSF x Near_LoA	-8,57949308	0,011	0,314
CHR2	14883741	CHR2:14883741	SSF x Near_LoA	-9,70304185	-0,004	0,313
CHR2	14883761	CHR2:14883761	SSF x Near_LoA	-7,99328705	0,034	0,299
CHR2	14883763	CHR2:14883763	SSF x Near_LoA	-10,1646411	0,025	0,318
CHR2	14883805	CHR2:14883805	SSF x Near_LoA	-7,69363136	0,045	0,298
CHR2	14890942	CHR2:14890942	SSF x Near_LoA	0,16877946	-0,069	0,298
CHR2	14891017	CHR2:14891017	SSF x Near_LoA	-11,7536639	-0,068	0,309
CHR2	1489226	CHR2:1489226	SSF x Near_LoA	-8,49071059	-0,045	0,317
CHR2	1489459	CHR2:1489459	SSF x Near_LoA	-9,78292777	-0,133	0,305
CHR2	14897498	CHR2:14897498	SSF x Near_LoA	-7,10022968	-0,009	0,315
CHR2	14897562	CHR2:14897562	SSF x Near_LoA	-9,56376943	0,008	0,310
CHR2	14897578	CHR2:14897578	SSF x Near_LoA	-8,25318675	-0,029	0,317
CHR2	14897580	CHR2:14897580	SSF x Near_LoA	-9,06601921	-0,002	0,311
CHR2	14897585	CHR2:14897585	SSF x Near_LoA	-7,9977366	0,000	0,311
CHR2	14897596	CHR2:14897596	SSF x Near_LoA	-8,75374418	0,016	0,310
CHR2	14897610	CHR2:14897610	SSF x Near_LoA	-9,23931103	0,012	0,315
CHR2	14897613	CHR2:14897613	SSF x Near_LoA	-8,88721417	-0,005	0,317
CHR2	14897616	CHR2:14897616	SSF x Near_LoA	-9,18737049	0,003	0,319
CHR2	14906598	CHR2:14906598	SSF x Near_LoA	-10,1665898	0,067	0,294
CHR2	14906602	CHR2:14906602	SSF x Near_LoA	-8,03913953	0,126	0,286
CHR2	14906615	CHR2:14906615	SSF x Near_LoA	-8,49227533	0,013	0,300
CHR2	14906649	CHR2:14906649	SSF x Near_LoA	-9,53450632	0,053	0,294
CHR2	14906683	CHR2:14906683	SSF x Near_LoA	-8,0251295	0,070	0,295
CHR2	14906686	CHR2:14906686	SSF x Near_LoA	-10,5995719	-0,017	0,317
CHR2	14907025	CHR2:14907025	SSF x Near_LoA	-9,81595381	0,063	0,298
CHR2	14907038	CHR2:14907038	SSF x Near_LoA	-7,67606056	0,087	0,318
CHR2	14907114	CHR2:14907114	SSF x Near_LoA	-9,22155265	-0,071	0,298
CHR2	14907139	CHR2:14907139	SSF x Near_LoA	-7,86819493	0,067	0,319
CHR2	14911393	CHR2:14911393	SSF x Near_LoA	-10,270477	-0,003	0,312
CHR2	14911443	CHR2:14911443	SSF x Near_LoA	-10,760758	-0,026	0,296
CHR2	14914470	CHR2:14914470	SSF x Near_LoA	-9,57353435	-0,026	0,316
CHR2	14914533	CHR2:14914533	SSF x Near_LoA	-9,56258489	-0,024	0,294
CHR2	14914539	CHR2:14914539	SSF x Near_LoA	-9,32683143	-0,051	0,311

CHR2	14914553	CHR2:14914553	SSF x Near_LoA	-11,0250822	-0,058	0,301
CHR2	14921724	CHR2:14921724	SSF x Near_LoA	-9,27392247	0,014	0,286
CHR2	14921729	CHR2:14921729	SSF x Near_LoA	-9,06935952	0,008	0,291
CHR2	14926875	CHR2:14926875	SSF x Near_LoA	-9,22549963	-0,022	0,305
CHR2	14926968	CHR2:14926968	SSF x Near_LoA	-11,202395	-0,007	0,291
CHR2	14927124	CHR2:14927124	SSF x Near_LoA	-9,08024711	0,075	0,296
CHR2	14930585	CHR2:14930585	SSF x Near_LoA	-11,3810104	0,002	0,312
CHR2	14930589	CHR2:14930589	SSF x Near_LoA	-10,1242049	0,024	0,308
CHR2	14930602	CHR2:14930602	SSF x Near_LoA	-9,88194926	-0,121	0,316
CHR2	14930753	CHR2:14930753	SSF x Near_LoA	-7,04988104	-0,002	0,301
CHR2	14933842	CHR2:14933842	SSF x Near_LoA	-10,9008969	0,096	0,317
CHR2	14933861	CHR2:14933861	SSF x Near_LoA	-9,05514398	0,087	0,312
CHR2	14933881	CHR2:14933881	SSF x Near_LoA	-7,42402022	0,151	0,297
CHR2	14933894	CHR2:14933894	SSF x Near_LoA	-5,82859715	0,119	0,301
CHR2	14933898	CHR2:14933898	SSF x Near_LoA	-8,13208722	0,155	0,309
CHR2	14933942	CHR2:14933942	SSF x Near_LoA	-9,2116431	0,029	0,307
CHR2	14933955	CHR2:14933955	SSF x Near_LoA	-6,37472163	0,156	0,310
CHR2	14934292	CHR2:14934292	SSF x Near_LoA	-7,89251825	0,086	0,312
CHR2	14937259	CHR2:14937259	SSF x Near_LoA	-8,69631418	0,018	0,285
CHR2	14957130	CHR2:14957130	SSF x Near_LoA	-8,68083247	-0,028	0,309
CHR2	14957180	CHR2:14957180	SSF x Near_LoA	-9,40204855	0,105	0,294
CHR2	14957184	CHR2:14957184	SSF x Near_LoA	-11,5570143	0,064	0,313
CHR2	14957294	CHR2:14957294	SSF x Near_LoA	-9,48204706	0,026	0,309
CHR2	14957395	CHR2:14957395	SSF x Near_LoA	-9,55212057	0,073	0,303
CHR2	14957440	CHR2:14957440	SSF x Near_LoA	-8,23386533	0,007	0,304
CHR2	14959345	CHR2:14959345	SSF x Near_LoA	-8,61818296	0,015	0,309
CHR2	14964091	CHR2:14964091	SSF x Near_LoA	-10,4524649	-0,090	0,304
CHR2	14971033	CHR2:14971033	SSF x Near_LoA	-7,57255369	0,042	0,315
CHR2	1497379	CHR2:1497379	SSF x Near_LoA	-10,3553805	-0,005	0,301
CHR2	14978255	CHR2:14978255	SSF x Near_LoA	-9,02717625	0,019	0,307
CHR2	14978371	CHR2:14978371	SSF x Near_LoA	-6,47129173	-0,008	0,320
CHR2	14994214	CHR2:14994214	SSF x Near_LoA	-10,9053859	-0,031	0,313
CHR2	14994327	CHR2:14994327	SSF x Near_LoA	1,53903187	-0,158	0,302
CHR2	14998254	CHR2:14998254	SSF x Near_LoA	-10,3727432	-0,025	0,299
CHR2	15000921	CHR2:15000921	SSF x Near_LoA	-11,5483156	-0,067	0,301
CHR2	15003079	CHR2:15003079	SSF x Near_LoA	-7,2362654	-0,104	0,310
CHR2	15003545	CHR2:15003545	SSF x Near_LoA	-11,1275063	-0,075	0,312
CHR2	15007394	CHR2:15007394	SSF x Near_LoA	-7,96964671	0,111	0,313
CHR2	15018729	CHR2:15018729	SSF x Near_LoA	-6,77657248	-0,094	0,312
CHR2	15018772	CHR2:15018772	SSF x Near_LoA	-9,96817701	0,016	0,311
CHR2	15018833	CHR2:15018833	SSF x Near_LoA	-11,1350861	-0,045	0,302
CHR2	15018834	CHR2:15018834	SSF x Near_LoA	-10,1062801	0,036	0,300
CHR2	15022834	CHR2:15022834	SSF x Near_LoA	-6,31895571	-0,048	0,316
CHR2	15022856	CHR2:15022856	SSF x Near_LoA	-7,22635693	0,050	0,296
CHR2	15023080	CHR2:15023080	SSF x Near_LoA	-10,2034886	-0,117	0,305
CHR2	15023087	CHR2:15023087	SSF x Near_LoA	-2,19057181	-0,217	0,296
CHR2	15023104	CHR2:15023104	SSF x Near_LoA	-6,25733845	-0,191	0,302
CHR2	15023121	CHR2:15023121	SSF x Near_LoA	-7,79328744	-0,196	0,298
CHR2	15023129	CHR2:15023129	SSF x Near_LoA	-6,70849647	-0,199	0,297
CHR2	15023154	CHR2:15023154	SSF x Near_LoA	-11,0661591	0,075	0,314
CHR2	15026798	CHR2:15026798	SSF x Near_LoA	-11,756841	0,021	0,302
CHR2	15026934	CHR2:15026934	SSF x Near_LoA	-8,630863	0,090	0,294
CHR2	15026935	CHR2:15026935	SSF x Near_LoA	-9,27592532	0,065	0,304

CHR2	15030009	CHR2:15030009	SSF x Near_LoA	-10,5300243	0,050	0,328
CHR2	15030851	CHR2:15030851	SSF x Near_LoA	-8,05141771	-0,156	0,301
CHR2	15030857	CHR2:15030857	SSF x Near_LoA	-5,83450734	0,090	0,299
CHR2	15030917	CHR2:15030917	SSF x Near_LoA	-10,3509073	-0,131	0,286
CHR2	15030982	CHR2:15030982	SSF x Near_LoA	-6,59355316	0,184	0,294
CHR2	15031009	CHR2:15031009	SSF x Near_LoA	-5,52107335	0,143	0,287
CHR2	15031030	CHR2:15031030	SSF x Near_LoA	-1,15629029	-0,148	0,301
CHR2	15039119	CHR2:15039119	SSF x Near_LoA	-8,67845456	-0,086	0,301
CHR2	15039154	CHR2:15039154	SSF x Near_LoA	-7,76753723	-0,108	0,291
CHR2	15039175	CHR2:15039175	SSF x Near_LoA	-8,57975597	-0,072	0,292
CHR2	15039248	CHR2:15039248	SSF x Near_LoA	-9,57706673	0,170	0,294
CHR2	15039274	CHR2:15039274	SSF x Near_LoA	-10,9517688	-0,024	0,289
CHR2	15039307	CHR2:15039307	SSF x Near_LoA	-9,80658226	-0,047	0,323
CHR2	15039328	CHR2:15039328	SSF x Near_LoA	-8,09583553	-0,009	0,296
CHR2	15043122	CHR2:15043122	SSF x Near_LoA	-11,1672519	-0,043	0,311
CHR2	15043161	CHR2:15043161	SSF x Near_LoA	-5,9971244	0,106	0,311
CHR2	15043176	CHR2:15043176	SSF x Near_LoA	-10,7010918	-0,085	0,277
CHR2	15043181	CHR2:15043181	SSF x Near_LoA	-8,85330359	0,128	0,298
CHR2	15044983	CHR2:15044983	SSF x Near_LoA	-9,03253648	-0,077	0,310
CHR2	1505980	CHR2:1505980	SSF x Near_LoA	-11,0318232	0,129	0,304
CHR2	1505984	CHR2:1505984	SSF x Near_LoA	-9,49723734	0,002	0,303
CHR2	15060270	CHR2:15060270	SSF x Near_LoA	-8,81262009	-0,067	0,305
CHR2	15060272	CHR2:15060272	SSF x Near_LoA	-4,91428171	-0,065	0,317
CHR2	15060291	CHR2:15060291	SSF x Near_LoA	-10,9850109	-0,127	0,293
CHR2	15060304	CHR2:15060304	SSF x Near_LoA	-5,68320912	0,064	0,308
CHR2	1506041	CHR2:1506041	SSF x Near_LoA	-6,13469837	-0,146	0,315
CHR2	15060553	CHR2:15060553	SSF x Near_LoA	-8,76044178	0,027	0,310
CHR2	15060566	CHR2:15060566	SSF x Near_LoA	-9,98797007	0,014	0,294
CHR2	15060624	CHR2:15060624	SSF x Near_LoA	-7,74859586	0,029	0,309
CHR2	15068992	CHR2:15068992	SSF x Near_LoA	-6,70562416	0,056	0,318
CHR2	15069136	CHR2:15069136	SSF x Near_LoA	-9,96694403	0,014	0,305
CHR2	1507802	CHR2:1507802	SSF x Near_LoA	-10,2345081	0,061	0,311
CHR2	1507835	CHR2:1507835	SSF x Near_LoA	-4,7873117	-0,145	0,309
CHR2	1507985	CHR2:1507985	SSF x Near_LoA	-9,05134061	0,029	0,298
CHR2	1507992	CHR2:1507992	SSF x Near_LoA	-3,46228392	-0,097	0,319
CHR2	1508008	CHR2:1508008	SSF x Near_LoA	-11,1480518	0,066	0,301
CHR2	1508051	CHR2:1508051	SSF x Near_LoA	-8,83426764	0,085	0,303
CHR2	15081354	CHR2:15081354	SSF x Near_LoA	-10,5100355	-0,096	0,297
CHR2	15081408	CHR2:15081408	SSF x Near_LoA	-10,4018115	-0,042	0,304
CHR2	15081532	CHR2:15081532	SSF x Near_LoA	-8,98036954	0,010	0,300
CHR2	15095189	CHR2:15095189	SSF x Near_LoA	-7,47258207	0,020	0,302
CHR2	15095205	CHR2:15095205	SSF x Near_LoA	-6,83984701	-0,061	0,312
CHR2	15095244	CHR2:15095244	SSF x Near_LoA	-11,3230127	-0,081	0,295
CHR2	15095252	CHR2:15095252	SSF x Near_LoA	-10,8847438	-0,075	0,290
CHR2	15095266	CHR2:15095266	SSF x Near_LoA	-8,94295796	0,054	0,304
CHR2	15095340	CHR2:15095340	SSF x Near_LoA	-7,95393628	0,025	0,313
CHR2	15095370	CHR2:15095370	SSF x Near_LoA	-8,39354016	-0,004	0,308
CHR2	15106758	CHR2:15106758	SSF x Near_LoA	-11,1019986	0,022	0,310
CHR2	15106762	CHR2:15106762	SSF x Near_LoA	-10,764774	0,049	0,296
CHR2	15106773	CHR2:15106773	SSF x Near_LoA	-12,4033483	-0,069	0,297
CHR2	15106777	CHR2:15106777	SSF x Near_LoA	-10,846236	-0,070	0,304
CHR2	15106949	CHR2:15106949	SSF x Near_LoA	-11,2308735	-0,074	0,303
CHR2	15106951	CHR2:15106951	SSF x Near_LoA	-6,56625113	-0,052	0,303

CHR2	15106975	CHR2:15106975	SSF x Near_LoA	-2,13591965	-0,050	0,307
CHR2	15106983	CHR2:15106983	SSF x Near_LoA	-7,17825952	-0,080	0,312
CHR2	15106984	CHR2:15106984	SSF x Near_LoA	-8,2080921	-0,069	0,310
CHR2	15107006	CHR2:15107006	SSF x Near_LoA	-7,72649415	0,070	0,298
CHR2	15107035	CHR2:15107035	SSF x Near_LoA	-8,80762371	0,142	0,316
CHR2	15118058	CHR2:15118058	SSF x Near_LoA	-11,1907389	-0,053	0,317
CHR2	15118074	CHR2:15118074	SSF x Near_LoA	-9,58463255	-0,056	0,289
CHR2	15118078	CHR2:15118078	SSF x Near_LoA	-9,28163626	-0,005	0,313
CHR2	15118114	CHR2:15118114	SSF x Near_LoA	-11,6716586	-0,052	0,305
CHR2	15118119	CHR2:15118119	SSF x Near_LoA	-8,90809333	-0,037	0,323
CHR2	15121513	CHR2:15121513	SSF x Near_LoA	-7,42076944	-0,022	0,310
CHR2	15121527	CHR2:15121527	SSF x Near_LoA	-10,1524688	-0,021	0,319
CHR2	15121541	CHR2:15121541	SSF x Near_LoA	-10,2391498	-0,046	0,307
CHR2	15124381	CHR2:15124381	SSF x Near_LoA	-10,6147961	0,012	0,302
CHR2	15159470	CHR2:15159470	SSF x Near_LoA	-9,14806797	0,021	0,315
CHR2	1516387	CHR2:1516387	SSF x Near_LoA	-10,2691366	-0,046	0,304
CHR2	1516449	CHR2:1516449	SSF x Near_LoA	-8,05919683	-0,151	0,298
CHR2	1516450	CHR2:1516450	SSF x Near_LoA	-1,34995751	-0,174	0,301
CHR2	1516566	CHR2:1516566	SSF x Near_LoA	-7,23319796	0,162	0,297
CHR2	1516623	CHR2:1516623	SSF x Near_LoA	-0,51807331	-0,180	0,302
CHR2	15172912	CHR2:15172912	SSF x Near_LoA	-6,50314853	0,006	0,305
CHR2	15172923	CHR2:15172923	SSF x Near_LoA	-7,90054931	-0,079	0,308
CHR2	15172937	CHR2:15172937	SSF x Near_LoA	-10,6481047	-0,096	0,302
CHR2	15173178	CHR2:15173178	SSF x Near_LoA	-9,70422763	0,027	0,300
CHR2	15173195	CHR2:15173195	SSF x Near_LoA	-8,67659878	0,028	0,304
CHR2	15173197	CHR2:15173197	SSF x Near_LoA	-9,02557664	0,011	0,317
CHR2	15180477	CHR2:15180477	SSF x Near_LoA	-5,35442541	-0,230	0,299
CHR2	15180499	CHR2:15180499	SSF x Near_LoA	-2,42129994	-0,170	0,313
CHR2	15180518	CHR2:15180518	SSF x Near_LoA	-6,99205874	-0,180	0,308
CHR2	15180521	CHR2:15180521	SSF x Near_LoA	-1,21326403	-0,216	0,293
CHR2	15181488	CHR2:15181488	SSF x Near_LoA	-7,14032282	0,196	0,290
CHR2	15181490	CHR2:15181490	SSF x Near_LoA	-10,6596004	-0,046	0,299
CHR2	1519763	CHR2:1519763	SSF x Near_LoA	-11,6046209	-0,031	0,306
CHR2	1519824	CHR2:1519824	SSF x Near_LoA	-11,421099	0,091	0,305
CHR2	1519846	CHR2:1519846	SSF x Near_LoA	-8,84686988	-0,111	0,293
CHR2	1519884	CHR2:1519884	SSF x Near_LoA	-9,43512373	0,010	0,303
CHR2	1519886	CHR2:1519886	SSF x Near_LoA	-8,66171988	-0,017	0,300
CHR2	1519899	CHR2:1519899	SSF x Near_LoA	-10,8986786	-0,101	0,301
CHR2	15205939	CHR2:15205939	SSF x Near_LoA	-8,32907794	0,082	0,299
CHR2	15208613	CHR2:15208613	SSF x Near_LoA	-9,23089905	0,012	0,301
CHR2	15208790	CHR2:15208790	SSF x Near_LoA	-11,7108033	0,013	0,300
CHR2	15218481	CHR2:15218481	SSF x Near_LoA	-8,1884432	-0,051	0,305
CHR2	15232200	CHR2:15232200	SSF x Near_LoA	-10,965894	0,062	0,311
CHR2	15232573	CHR2:15232573	SSF x Near_LoA	-9,42180511	0,000	0,310
CHR2	15237045	CHR2:15237045	SSF x Near_LoA	-7,85630106	0,097	0,301
CHR2	15237074	CHR2:15237074	SSF x Near_LoA	-10,1502183	-0,062	0,316
CHR2	1523931	CHR2:1523931	SSF x Near_LoA	-10,6264346	0,002	0,316
CHR2	1523958	CHR2:1523958	SSF x Near_LoA	-10,2850069	-0,035	0,306
CHR2	1523978	CHR2:1523978	SSF x Near_LoA	-11,1239237	0,036	0,310
CHR2	1524012	CHR2:1524012	SSF x Near_LoA	-10,5349558	0,070	0,309
CHR2	1524054	CHR2:1524054	SSF x Near_LoA	-9,21085944	0,033	0,306
CHR2	15245084	CHR2:15245084	SSF x Near_LoA	-9,40809889	0,003	0,302
CHR2	15245090	CHR2:15245090	SSF x Near_LoA	-9,10333508	0,015	0,314

CHR2	15245136	CHR2:15245136	SSF x Near_LoA	-8,60157695	0,028	0,308
CHR2	15245140	CHR2:15245140	SSF x Near_LoA	-8,75176697	-0,032	0,310
CHR2	15245275	CHR2:15245275	SSF x Near_LoA	-12,2909803	-0,034	0,299
CHR2	15245297	CHR2:15245297	SSF x Near_LoA	-7,53833324	0,090	0,310
CHR2	15245323	CHR2:15245323	SSF x Near_LoA	-9,13303103	0,053	0,314
CHR2	15257529	CHR2:15257529	SSF x Near_LoA	-10,5757932	0,034	0,307
CHR2	15257597	CHR2:15257597	SSF x Near_LoA	-6,1983335	0,142	0,299
CHR2	15257603	CHR2:15257603	SSF x Near_LoA	-8,24749235	0,018	0,297
CHR2	15261001	CHR2:15261001	SSF x Near_LoA	-5,90696246	-0,050	0,310
CHR2	15261053	CHR2:15261053	SSF x Near_LoA	-10,1687278	0,068	0,318
CHR2	15263431	CHR2:15263431	SSF x Near_LoA	-11,6803697	0,019	0,309
CHR2	15263474	CHR2:15263474	SSF x Near_LoA	-9,09491929	0,110	0,300
CHR2	15263526	CHR2:15263526	SSF x Near_LoA	-8,62047397	0,066	0,300
CHR2	15263582	CHR2:15263582	SSF x Near_LoA	-9,59689868	0,083	0,307
CHR2	15263599	CHR2:15263599	SSF x Near_LoA	-10,4169746	0,024	0,316
CHR2	15263608	CHR2:15263608	SSF x Near_LoA	-10,0138802	-0,007	0,292
CHR2	15263643	CHR2:15263643	SSF x Near_LoA	-8,13368253	0,094	0,297
CHR2	15263646	CHR2:15263646	SSF x Near_LoA	-10,5073286	-0,030	0,298
CHR2	15263665	CHR2:15263665	SSF x Near_LoA	-9,59912037	0,125	0,301
CHR2	15266112	CHR2:15266112	SSF x Near_LoA	-9,09683462	0,004	0,307
CHR2	15272106	CHR2:15272106	SSF x Near_LoA	-8,3757553	0,112	0,295
CHR2	15272159	CHR2:15272159	SSF x Near_LoA	-10,8766095	-0,091	0,308
CHR2	15272189	CHR2:15272189	SSF x Near_LoA	-8,20615703	-0,121	0,307
CHR2	15272206	CHR2:15272206	SSF x Near_LoA	-7,24396238	0,065	0,308
CHR2	15272208	CHR2:15272208	SSF x Near_LoA	-7,94046744	0,063	0,313
CHR2	15272209	CHR2:15272209	SSF x Near_LoA	-7,76253296	0,068	0,296
CHR2	15277186	CHR2:15277186	SSF x Near_LoA	-8,03214507	0,058	0,300
CHR2	15277241	CHR2:15277241	SSF x Near_LoA	-9,22272699	0,048	0,286
CHR2	15280353	CHR2:15280353	SSF x Near_LoA	-10,378028	-0,131	0,298
CHR2	15280497	CHR2:15280497	SSF x Near_LoA	-8,39441633	-0,022	0,310
CHR2	15286352	CHR2:15286352	SSF x Near_LoA	-10,7067981	0,071	0,305
CHR2	15286442	CHR2:15286442	SSF x Near_LoA	-9,14179843	0,010	0,308
CHR2	15286545	CHR2:15286545	SSF x Near_LoA	-9,02560445	0,073	0,317
CHR2	15286610	CHR2:15286610	SSF x Near_LoA	-7,51680426	-0,046	0,321
CHR2	15293780	CHR2:15293780	SSF x Near_LoA	-6,77626944	-0,002	0,304
CHR2	15293923	CHR2:15293923	SSF x Near_LoA	-10,5683045	-0,042	0,319
CHR2	15294003	CHR2:15294003	SSF x Near_LoA	-9,04379675	0,062	0,316
CHR2	15306327	CHR2:15306327	SSF x Near_LoA	-10,6119203	-0,118	0,291
CHR2	15306476	CHR2:15306476	SSF x Near_LoA	-4,43941118	-0,028	0,309
CHR2	15306550	CHR2:15306550	SSF x Near_LoA	-10,0224383	-0,001	0,309
CHR2	15312874	CHR2:15312874	SSF x Near_LoA	-9,4494455	0,072	0,322
CHR2	15338646	CHR2:15338646	SSF x Near_LoA	-10,6095884	-0,024	0,308
CHR2	15338743	CHR2:15338743	SSF x Near_LoA	-10,2303357	-0,028	0,297
CHR2	15338764	CHR2:15338764	SSF x Near_LoA	-8,6301732	0,009	0,322
CHR2	15338788	CHR2:15338788	SSF x Near_LoA	-11,4373928	-0,065	0,300
CHR2	15338815	CHR2:15338815	SSF x Near_LoA	-7,7725091	0,027	0,301
CHR2	15342250	CHR2:15342250	SSF x Near_LoA	-8,40380402	-0,108	0,298
CHR2	15342262	CHR2:15342262	SSF x Near_LoA	-11,2848529	0,039	0,304
CHR2	15342273	CHR2:15342273	SSF x Near_LoA	-9,632669	0,112	0,301
CHR2	15342274	CHR2:15342274	SSF x Near_LoA	-10,0895199	0,116	0,296
CHR2	15342347	CHR2:15342347	SSF x Near_LoA	-8,27827282	0,072	0,311
CHR2	15342370	CHR2:15342370	SSF x Near_LoA	-9,36883537	0,098	0,307
CHR2	15342460	CHR2:15342460	SSF x Near_LoA	-7,96387369	-0,043	0,320

CHR2	15342494	CHR2:15342494	SSF x Near_LoA	-9,44377806	-0,050	0,295
CHR2	15360642	CHR2:15360642	SSF x Near_LoA	-10,486938	0,091	0,295
CHR2	15361684	CHR2:15361684	SSF x Near_LoA	-10,9335478	-0,052	0,309
CHR2	15361727	CHR2:15361727	SSF x Near_LoA	-7,63910393	-0,038	0,307
CHR2	15361735	CHR2:15361735	SSF x Near_LoA	-7,53911669	-0,052	0,320
CHR2	15369224	CHR2:15369224	SSF x Near_LoA	-9,28683031	-0,021	0,312
CHR2	15379874	CHR2:15379874	SSF x Near_LoA	-10,5353131	-0,017	0,296
CHR2	15382176	CHR2:15382176	SSF x Near_LoA	-10,7428961	-0,045	0,308
CHR2	15382252	CHR2:15382252	SSF x Near_LoA	-10,5857231	-0,023	0,296
CHR2	15383259	CHR2:15383259	SSF x Near_LoA	-7,60415729	-0,037	0,316
CHR2	1539889	CHR2:1539889	SSF x Near_LoA	-4,87033716	0,034	0,307
CHR2	15416805	CHR2:15416805	SSF x Near_LoA	-8,98888456	0,052	0,297
CHR2	15439787	CHR2:15439787	SSF x Near_LoA	-6,70417583	-0,099	0,300
CHR2	15498508	CHR2:15498508	SSF x Near_LoA	-9,58098807	-0,081	0,308
CHR2	15498559	CHR2:15498559	SSF x Near_LoA	-7,33458	-0,026	0,304
CHR2	15498728	CHR2:15498728	SSF x Near_LoA	-8,47404222	-0,105	0,303
CHR2	15498739	CHR2:15498739	SSF x Near_LoA	-9,65489454	-0,064	0,320
CHR2	15498743	CHR2:15498743	SSF x Near_LoA	-8,65699519	0,033	0,306
CHR2	15498757	CHR2:15498757	SSF x Near_LoA	-7,70518182	-0,003	0,291
CHR2	15523071	CHR2:15523071	SSF x Near_LoA	-7,85796158	0,028	0,312
CHR2	15524340	CHR2:15524340	SSF x Near_LoA	-6,83302129	-0,084	0,313
CHR2	15532128	CHR2:15532128	SSF x Near_LoA	-8,40949584	0,074	0,310
CHR2	15533187	CHR2:15533187	SSF x Near_LoA	-9,65980062	0,015	0,311
CHR2	15533290	CHR2:15533290	SSF x Near_LoA	-11,1398716	0,059	0,308
CHR2	15546181	CHR2:15546181	SSF x Near_LoA	-9,14095819	-0,070	0,299
CHR2	15546273	CHR2:15546273	SSF x Near_LoA	-9,98502614	0,124	0,298
CHR2	15546276	CHR2:15546276	SSF x Near_LoA	-8,6560358	0,167	0,304
CHR2	15546348	CHR2:15546348	SSF x Near_LoA	-11,0055391	0,089	0,312
CHR2	15546378	CHR2:15546378	SSF x Near_LoA	-8,92604088	0,155	0,305
CHR2	15550111	CHR2:15550111	SSF x Near_LoA	-8,96453669	-0,067	0,323
CHR2	15550236	CHR2:15550236	SSF x Near_LoA	-5,21963091	0,093	0,299
CHR2	15552840	CHR2:15552840	SSF x Near_LoA	-11,8190227	-0,025	0,306
CHR2	1555325	CHR2:1555325	SSF x Near_LoA	-9,78221599	-0,087	0,310
CHR2	1555355	CHR2:1555355	SSF x Near_LoA	-10,5837912	0,039	0,302
CHR2	1555358	CHR2:1555358	SSF x Near_LoA	-11,5139451	0,030	0,295
CHR2	1555389	CHR2:1555389	SSF x Near_LoA	-1,8429442	-0,058	0,304
CHR2	1555434	CHR2:1555434	SSF x Near_LoA	-11,6805926	0,007	0,315
CHR2	1555448	CHR2:1555448	SSF x Near_LoA	-11,1608227	-0,080	0,311
CHR2	1555451	CHR2:1555451	SSF x Near_LoA	-8,99193657	-0,021	0,316
CHR2	1555492	CHR2:1555492	SSF x Near_LoA	-10,97682	-0,144	0,307
CHR2	1555510	CHR2:1555510	SSF x Near_LoA	-8,02816986	-0,044	0,308
CHR2	15565746	CHR2:15565746	SSF x Near_LoA	-9,24927663	0,116	0,306
CHR2	15565747	CHR2:15565747	SSF x Near_LoA	-6,52900035	0,137	0,318
CHR2	15565876	CHR2:15565876	SSF x Near_LoA	-9,96201829	-0,136	0,311
CHR2	15565933	CHR2:15565933	SSF x Near_LoA	-8,48084617	0,153	0,289
CHR2	15565955	CHR2:15565955	SSF x Near_LoA	-8,2472518	-0,090	0,309
CHR2	15565976	CHR2:15565976	SSF x Near_LoA	-9,37994784	-0,110	0,319
CHR2	15565980	CHR2:15565980	SSF x Near_LoA	-11,2110873	0,028	0,288
CHR2	15565995	CHR2:15565995	SSF x Near_LoA	-8,29489546	0,021	0,310
CHR2	15565998	CHR2:15565998	SSF x Near_LoA	-8,70478838	0,081	0,311
CHR2	15566001	CHR2:15566001	SSF x Near_LoA	-8,89782205	-0,016	0,307
CHR2	15573640	CHR2:15573640	SSF x Near_LoA	-9,34374709	0,015	0,315
CHR2	15573653	CHR2:15573653	SSF x Near_LoA	-9,94845845	0,004	0,314

CHR2	15578998	CHR2:15578998	SSF x Near_LoA	-7,43843943	-0,171	0,284
CHR2	1559810	CHR2:1559810	SSF x Near_LoA	-8,86572279	-0,035	0,304
CHR2	1559879	CHR2:1559879	SSF x Near_LoA	-8,40315049	0,052	0,313
CHR2	1559965	CHR2:1559965	SSF x Near_LoA	-6,10738825	0,040	0,314
CHR2	1559978	CHR2:1559978	SSF x Near_LoA	-6,97187199	0,042	0,303
CHR2	15600225	CHR2:15600225	SSF x Near_LoA	-7,5928545	0,075	0,307
CHR2	15600234	CHR2:15600234	SSF x Near_LoA	-9,96867505	0,044	0,309
CHR2	1560027	CHR2:1560027	SSF x Near_LoA	-10,8215441	-0,023	0,308
CHR2	15601379	CHR2:15601379	SSF x Near_LoA	-9,05041362	0,062	0,302
CHR2	15601380	CHR2:15601380	SSF x Near_LoA	-9,06124328	0,047	0,313
CHR2	15601461	CHR2:15601461	SSF x Near_LoA	-12,2966896	-0,045	0,302
CHR2	15601737	CHR2:15601737	SSF x Near_LoA	-8,55417854	0,008	0,307
CHR2	15618484	CHR2:15618484	SSF x Near_LoA	-6,75897165	-0,168	0,295
CHR2	15618658	CHR2:15618658	SSF x Near_LoA	-9,26390739	-0,041	0,307
CHR2	15618669	CHR2:15618669	SSF x Near_LoA	-8,665634	-0,075	0,304
CHR2	15618671	CHR2:15618671	SSF x Near_LoA	-7,35761504	-0,029	0,340
CHR2	15622041	CHR2:15622041	SSF x Near_LoA	-8,17766516	0,014	0,317
CHR2	15622070	CHR2:15622070	SSF x Near_LoA	-11,3361904	-0,032	0,301
CHR2	15622078	CHR2:15622078	SSF x Near_LoA	-12,1285351	-0,012	0,307
CHR2	1562711	CHR2:1562711	SSF x Near_LoA	-10,8671904	0,001	0,313
CHR2	1562728	CHR2:1562728	SSF x Near_LoA	-11,5188086	0,030	0,315
CHR2	1562796	CHR2:1562796	SSF x Near_LoA	-9,97468296	0,076	0,308
CHR2	1562827	CHR2:1562827	SSF x Near_LoA	-11,6084326	0,038	0,310
CHR2	1562898	CHR2:1562898	SSF x Near_LoA	-10,6121436	0,045	0,318
CHR2	1562974	CHR2:1562974	SSF x Near_LoA	-8,34150134	-0,003	0,319
CHR2	1564748	CHR2:1564748	SSF x Near_LoA	-4,99809702	-0,142	0,307
CHR2	15655208	CHR2:15655208	SSF x Near_LoA	-10,4643017	0,002	0,311
CHR2	15657306	CHR2:15657306	SSF x Near_LoA	-7,30880076	0,138	0,306
CHR2	15657347	CHR2:15657347	SSF x Near_LoA	-4,19623261	0,057	0,310
CHR2	15657452	CHR2:15657452	SSF x Near_LoA	-9,98547878	-0,011	0,310
CHR2	15657524	CHR2:15657524	SSF x Near_LoA	-7,12463854	0,099	0,308
CHR2	15671674	CHR2:15671674	SSF x Near_LoA	-10,5501718	-0,010	0,314
CHR2	15671675	CHR2:15671675	SSF x Near_LoA	-12,0467645	0,012	0,305
CHR2	15683400	CHR2:15683400	SSF x Near_LoA	-8,52773869	0,033	0,306
CHR2	15683426	CHR2:15683426	SSF x Near_LoA	-8,61984732	-0,068	0,308
CHR2	15683492	CHR2:15683492	SSF x Near_LoA	-8,97184888	-0,011	0,302
CHR2	15683495	CHR2:15683495	SSF x Near_LoA	-0,00765946	0,097	0,284
CHR2	15683512	CHR2:15683512	SSF x Near_LoA	-8,57138797	0,012	0,306
CHR2	15704091	CHR2:15704091	SSF x Near_LoA	-8,04522542	-0,067	0,308
CHR2	15704092	CHR2:15704092	SSF x Near_LoA	-10,6789176	0,008	0,312
CHR2	15704240	CHR2:15704240	SSF x Near_LoA	-5,95036494	0,120	0,321
CHR2	15704319	CHR2:15704319	SSF x Near_LoA	-11,6235383	-0,038	0,304
CHR2	15706692	CHR2:15706692	SSF x Near_LoA	-10,7841215	-0,027	0,303
CHR2	15709484	CHR2:15709484	SSF x Near_LoA	-9,60161724	0,054	0,313
CHR2	15709560	CHR2:15709560	SSF x Near_LoA	-8,63225941	0,034	0,306
CHR2	15709561	CHR2:15709561	SSF x Near_LoA	-8,66574119	0,028	0,315
CHR2	15709661	CHR2:15709661	SSF x Near_LoA	-8,19003259	-0,105	0,295
CHR2	15709669	CHR2:15709669	SSF x Near_LoA	-9,71820807	0,034	0,316
CHR2	15720290	CHR2:15720290	SSF x Near_LoA	-8,45094329	-0,057	0,313
CHR2	15720314	CHR2:15720314	SSF x Near_LoA	-8,41405657	-0,144	0,306
CHR2	15720355	CHR2:15720355	SSF x Near_LoA	-10,4824738	0,005	0,294
CHR2	15720371	CHR2:15720371	SSF x Near_LoA	-8,55259727	-0,053	0,303
CHR2	15725754	CHR2:15725754	SSF x Near_LoA	-8,23711616	-0,096	0,315

CHR2	1575075	CHR2:1575075	SSF x Near_LoA	-10,2543782	0,077	0,301
CHR2	1575123	CHR2:1575123	SSF x Near_LoA	-10,2540091	-0,039	0,308
CHR2	15766248	CHR2:15766248	SSF x Near_LoA	-11,1868153	0,014	0,310
CHR2	15768291	CHR2:15768291	SSF x Near_LoA	-11,0402274	-0,064	0,307
CHR2	15768395	CHR2:15768395	SSF x Near_LoA	-10,9631534	-0,011	0,313
CHR2	15768489	CHR2:15768489	SSF x Near_LoA	-10,2588603	-0,020	0,306
CHR2	15768499	CHR2:15768499	SSF x Near_LoA	-9,84708278	-0,041	0,314
CHR2	1579220	CHR2:1579220	SSF x Near_LoA	-9,0164018	-0,031	0,311
CHR2	15806195	CHR2:15806195	SSF x Near_LoA	-9,94222151	-0,044	0,305
CHR2	15806226	CHR2:15806226	SSF x Near_LoA	-9,00526401	-0,011	0,318
CHR2	15806299	CHR2:15806299	SSF x Near_LoA	-10,3827723	-0,053	0,316
CHR2	15806418	CHR2:15806418	SSF x Near_LoA	-9,97008099	-0,051	0,307
CHR2	15809018	CHR2:15809018	SSF x Near_LoA	-7,10310545	-0,038	0,330
CHR2	15809034	CHR2:15809034	SSF x Near_LoA	-8,27364165	-0,019	0,307
CHR2	15809041	CHR2:15809041	SSF x Near_LoA	-9,21344578	-0,021	0,304
CHR2	15809047	CHR2:15809047	SSF x Near_LoA	-7,46433783	-0,016	0,319
CHR2	15809059	CHR2:15809059	SSF x Near_LoA	-8,50563591	-0,027	0,318
CHR2	15809080	CHR2:15809080	SSF x Near_LoA	-7,72323154	-0,022	0,318
CHR2	15809081	CHR2:15809081	SSF x Near_LoA	-9,27638788	-0,032	0,310
CHR2	15809113	CHR2:15809113	SSF x Near_LoA	-7,40893611	0,013	0,337
CHR2	15818572	CHR2:15818572	SSF x Near_LoA	-10,2240352	-0,075	0,306
CHR2	15830191	CHR2:15830191	SSF x Near_LoA	-10,0499361	0,054	0,302
CHR2	15830222	CHR2:15830222	SSF x Near_LoA	7,86672283	-0,011	0,308
CHR2	15830289	CHR2:15830289	SSF x Near_LoA	-2,3897411	0,200	0,299
CHR2	15830321	CHR2:15830321	SSF x Near_LoA	-9,12946584	-0,062	0,309
CHR2	15836338	CHR2:15836338	SSF x Near_LoA	-6,34423467	0,041	0,326
CHR2	15836344	CHR2:15836344	SSF x Near_LoA	-11,1207242	0,028	0,306
CHR2	15841065	CHR2:15841065	SSF x Near_LoA	-6,35031254	0,130	0,318
CHR2	15841189	CHR2:15841189	SSF x Near_LoA	-11,6628255	-0,037	0,315
CHR2	15848434	CHR2:15848434	SSF x Near_LoA	-7,73014818	0,065	0,319
CHR2	15848459	CHR2:15848459	SSF x Near_LoA	-9,63824189	-0,008	0,312
CHR2	15848532	CHR2:15848532	SSF x Near_LoA	-7,88318347	-0,004	0,309
CHR2	15850413	CHR2:15850413	SSF x Near_LoA	-10,4844218	-0,022	0,313
CHR2	15850526	CHR2:15850526	SSF x Near_LoA	-11,427226	0,015	0,296
CHR2	15858552	CHR2:15858552	SSF x Near_LoA	-10,9254376	-0,041	0,312
CHR2	15861356	CHR2:15861356	SSF x Near_LoA	-7,69080644	0,009	0,306
CHR2	15861539	CHR2:15861539	SSF x Near_LoA	-8,82580917	-0,022	0,303
CHR2	15865849	CHR2:15865849	SSF x Near_LoA	-9,08252794	-0,098	0,309
CHR2	15875692	CHR2:15875692	SSF x Near_LoA	-10,7517593	-0,052	0,314
CHR2	15875787	CHR2:15875787	SSF x Near_LoA	-12,1877748	0,035	0,302
CHR2	15876759	CHR2:15876759	SSF x Near_LoA	-10,9473531	0,016	0,304
CHR2	15876839	CHR2:15876839	SSF x Near_LoA	-10,2237668	0,005	0,312
CHR2	15880660	CHR2:15880660	SSF x Near_LoA	-8,44500888	0,006	0,334
CHR2	15880684	CHR2:15880684	SSF x Near_LoA	-6,88458676	-0,003	0,318
CHR2	15880686	CHR2:15880686	SSF x Near_LoA	-7,6115322	-0,018	0,319
CHR2	15880727	CHR2:15880727	SSF x Near_LoA	-7,47488292	-0,005	0,313
CHR2	15880735	CHR2:15880735	SSF x Near_LoA	-8,23637175	0,012	0,319
CHR2	15880739	CHR2:15880739	SSF x Near_LoA	-4,28609101	-0,012	0,307
CHR2	15880754	CHR2:15880754	SSF x Near_LoA	-7,99484641	0,015	0,329
CHR2	15880755	CHR2:15880755	SSF x Near_LoA	-8,590539	-0,022	0,329
CHR2	15881262	CHR2:15881262	SSF x Near_LoA	-9,85068129	-0,014	0,305
CHR2	15881283	CHR2:15881283	SSF x Near_LoA	-10,3877359	0,144	0,305
CHR2	15884085	CHR2:15884085	SSF x Near_LoA	-11,7770194	-0,030	0,302

CHR2	15884141	CHR2:15884141	SSF x Near_LoA	-3,95093156	-0,024	0,312
CHR2	15884247	CHR2:15884247	SSF x Near_LoA	-8,23926028	0,106	0,294
CHR2	15884295	CHR2:15884295	SSF x Near_LoA	-1,05501674	-0,141	0,305
CHR2	15886095	CHR2:15886095	SSF x Near_LoA	-10,4713795	-0,046	0,295
CHR2	15886200	CHR2:15886200	SSF x Near_LoA	-7,15470433	-0,154	0,300
CHR2	15901278	CHR2:15901278	SSF x Near_LoA	-11,0816041	0,013	0,297
CHR2	15901585	CHR2:15901585	SSF x Near_LoA	-11,8436171	-0,062	0,303
CHR2	15902489	CHR2:15902489	SSF x Near_LoA	-11,7707158	-0,040	0,309
CHR2	15902577	CHR2:15902577	SSF x Near_LoA	-9,56666292	0,043	0,319
CHR2	15904514	CHR2:15904514	SSF x Near_LoA	-9,63523745	-0,047	0,301
CHR2	15904625	CHR2:15904625	SSF x Near_LoA	0,29274427	0,049	0,304
CHR2	15904676	CHR2:15904676	SSF x Near_LoA	-11,6548203	-0,065	0,311
CHR2	15904747	CHR2:15904747	SSF x Near_LoA	-9,08373228	-0,098	0,309
CHR2	15925218	CHR2:15925218	SSF x Near_LoA	-9,30954395	0,014	0,300
CHR2	15937185	CHR2:15937185	SSF x Near_LoA	-8,39788667	0,090	0,311
CHR2	15958126	CHR2:15958126	SSF x Near_LoA	-10,5109325	-0,065	0,307
CHR2	15958265	CHR2:15958265	SSF x Near_LoA	-10,5678995	-0,009	0,310
CHR2	15958293	CHR2:15958293	SSF x Near_LoA	-10,1100035	0,091	0,297
CHR2	15958294	CHR2:15958294	SSF x Near_LoA	-11,2322091	0,010	0,300
CHR2	15968278	CHR2:15968278	SSF x Near_LoA	-10,7371427	-0,013	0,306
CHR2	15968286	CHR2:15968286	SSF x Near_LoA	-11,7110421	0,032	0,312
CHR2	15968290	CHR2:15968290	SSF x Near_LoA	-10,5369192	-0,046	0,306
CHR2	15968330	CHR2:15968330	SSF x Near_LoA	-10,4703478	-0,048	0,308
CHR2	15968376	CHR2:15968376	SSF x Near_LoA	-9,95722107	-0,032	0,299
CHR2	15968377	CHR2:15968377	SSF x Near_LoA	-10,2243501	-0,064	0,303
CHR2	15968603	CHR2:15968603	SSF x Near_LoA	-9,57789733	-0,043	0,299
CHR2	15987924	CHR2:15987924	SSF x Near_LoA	-8,87875612	-0,047	0,314
CHR2	15987961	CHR2:15987961	SSF x Near_LoA	-7,46785167	-0,062	0,302
CHR2	15988013	CHR2:15988013	SSF x Near_LoA	-7,25870865	-0,040	0,310
CHR2	15995338	CHR2:15995338	SSF x Near_LoA	-9,97016423	-0,119	0,306
CHR2	15995365	CHR2:15995365	SSF x Near_LoA	-8,27974125	-0,092	0,322
CHR2	15995412	CHR2:15995412	SSF x Near_LoA	-10,5828498	-0,025	0,307
CHR2	15996192	CHR2:15996192	SSF x Near_LoA	-10,2803405	0,057	0,324
CHR2	15996251	CHR2:15996251	SSF x Near_LoA	-8,11158915	-0,024	0,316
CHR2	15998175	CHR2:15998175	SSF x Near_LoA	-9,90150983	0,027	0,311
CHR2	15998190	CHR2:15998190	SSF x Near_LoA	-4,78942939	0,062	0,302
CHR2	15998199	CHR2:15998199	SSF x Near_LoA	-8,89344348	-0,019	0,309
CHR2	15998271	CHR2:15998271	SSF x Near_LoA	-7,8278399	-0,123	0,298
CHR2	1599999	CHR2:1599999	SSF x Near_LoA	-11,0103778	-0,096	0,308
CHR2	1600029	CHR2:1600029	SSF x Near_LoA	-4,99670639	-0,024	0,316
CHR2	16001110	CHR2:16001110	SSF x Near_LoA	-8,03154273	-0,150	0,309
CHR2	16001116	CHR2:16001116	SSF x Near_LoA	-7,7650711	-0,120	0,308
CHR2	16001123	CHR2:16001123	SSF x Near_LoA	-8,75493799	-0,118	0,308
CHR2	16013172	CHR2:16013172	SSF x Near_LoA	1,28360459	0,061	0,312
CHR2	16013184	CHR2:16013184	SSF x Near_LoA	-8,82479024	-0,073	0,315
CHR2	16013251	CHR2:16013251	SSF x Near_LoA	-8,54306318	0,175	0,294
CHR2	16015962	CHR2:16015962	SSF x Near_LoA	-8,49129277	-0,016	0,316
CHR2	16015999	CHR2:16015999	SSF x Near_LoA	-6,28586963	0,171	0,305
CHR2	16059590	CHR2:16059590	SSF x Near_LoA	-10,2746099	0,114	0,307
CHR2	16092437	CHR2:16092437	SSF x Near_LoA	-3,83543118	-0,076	0,314
CHR2	16092532	CHR2:16092532	SSF x Near_LoA	-11,0966308	0,009	0,303
CHR2	1609321	CHR2:1609321	SSF x Near_LoA	-5,61752284	-0,023	0,313
CHR2	1609427	CHR2:1609427	SSF x Near_LoA	-10,2868962	0,000	0,306

CHR2	16111627	CHR2:16111627	SSF x Near_LoA	-7,37074122	-0,056	0,309
CHR2	16115189	CHR2:16115189	SSF x Near_LoA	-7,70621121	-0,125	0,310
CHR2	16115291	CHR2:16115291	SSF x Near_LoA	-7,6387756	0,116	0,315
CHR2	16119794	CHR2:16119794	SSF x Near_LoA	-6,24850595	-0,121	0,306
CHR2	16140033	CHR2:16140033	SSF x Near_LoA	-6,01116109	0,108	0,313
CHR2	16167839	CHR2:16167839	SSF x Near_LoA	-10,2975908	-0,010	0,295
CHR2	16167860	CHR2:16167860	SSF x Near_LoA	-8,4949745	-0,018	0,319
CHR2	16169354	CHR2:16169354	SSF x Near_LoA	-8,8531452	0,090	0,306
CHR2	16170484	CHR2:16170484	SSF x Near_LoA	-5,28076325	-0,039	0,295
CHR2	16177994	CHR2:16177994	SSF x Near_LoA	-7,58519793	-0,049	0,310
CHR2	16182077	CHR2:16182077	SSF x Near_LoA	-12,3336082	-0,062	0,302
CHR2	16192505	CHR2:16192505	SSF x Near_LoA	-11,6938078	-0,051	0,301
CHR2	16192748	CHR2:16192748	SSF x Near_LoA	-12,1781958	-0,063	0,309
CHR2	16192850	CHR2:16192850	SSF x Near_LoA	-4,06582351	-0,046	0,315
CHR2	16204900	CHR2:16204900	SSF x Near_LoA	-10,7829666	-0,103	0,313
CHR2	16204905	CHR2:16204905	SSF x Near_LoA	-10,8179619	-0,090	0,308
CHR2	16204913	CHR2:16204913	SSF x Near_LoA	-9,01467751	-0,108	0,320
CHR2	16204917	CHR2:16204917	SSF x Near_LoA	-11,0469537	-0,132	0,300
CHR2	16205108	CHR2:16205108	SSF x Near_LoA	-4,12721219	-0,216	0,307
CHR2	16205115	CHR2:16205115	SSF x Near_LoA	-10,6618314	0,076	0,300
CHR2	1621511	CHR2:1621511	SSF x Near_LoA	-11,2346664	-0,019	0,312
CHR2	16217030	CHR2:16217030	SSF x Near_LoA	-8,75914813	0,073	0,296
CHR2	16219635	CHR2:16219635	SSF x Near_LoA	-10,5197055	0,061	0,307
CHR2	16222838	CHR2:16222838	SSF x Near_LoA	-9,07195367	-0,086	0,291
CHR2	16222894	CHR2:16222894	SSF x Near_LoA	-9,25116569	-0,127	0,300
CHR2	16222899	CHR2:16222899	SSF x Near_LoA	-7,79963261	-0,069	0,319
CHR2	16222958	CHR2:16222958	SSF x Near_LoA	-6,27154452	0,153	0,297
CHR2	16222984	CHR2:16222984	SSF x Near_LoA	-7,48779749	-0,087	0,292
CHR2	16222985	CHR2:16222985	SSF x Near_LoA	-10,9748892	0,063	0,302
CHR2	16222987	CHR2:16222987	SSF x Near_LoA	-8,80379055	-0,092	0,301
CHR2	16223837	CHR2:16223837	SSF x Near_LoA	-7,95888146	-0,052	0,321
CHR2	16223844	CHR2:16223844	SSF x Near_LoA	-8,6552315	0,069	0,302
CHR2	16223921	CHR2:16223921	SSF x Near_LoA	-5,95485458	0,171	0,283
CHR2	16223926	CHR2:16223926	SSF x Near_LoA	-7,33270967	-0,046	0,313
CHR2	16232247	CHR2:16232247	SSF x Near_LoA	-8,96253431	-0,005	0,309
CHR2	16232331	CHR2:16232331	SSF x Near_LoA	-10,1172045	-0,021	0,306
CHR2	16232363	CHR2:16232363	SSF x Near_LoA	-8,53425628	-0,036	0,297
CHR2	16232367	CHR2:16232367	SSF x Near_LoA	-8,58699826	-0,082	0,308
CHR2	16232554	CHR2:16232554	SSF x Near_LoA	-9,77815174	0,034	0,298
CHR2	16242474	CHR2:16242474	SSF x Near_LoA	-9,77944722	0,002	0,325
CHR2	16258641	CHR2:16258641	SSF x Near_LoA	-10,2304465	-0,027	0,314
CHR2	16258655	CHR2:16258655	SSF x Near_LoA	-9,17145658	-0,003	0,307
CHR2	16289773	CHR2:16289773	SSF x Near_LoA	-4,95873003	-0,085	0,305
CHR2	16291255	CHR2:16291255	SSF x Near_LoA	-8,98692046	-0,127	0,320
CHR2	16291410	CHR2:16291410	SSF x Near_LoA	-7,20537853	-0,184	0,309
CHR2	16293197	CHR2:16293197	SSF x Near_LoA	-9,94303721	-0,009	0,313
CHR2	16293321	CHR2:16293321	SSF x Near_LoA	-10,902605	-0,004	0,290
CHR2	16299920	CHR2:16299920	SSF x Near_LoA	-7,81940444	0,151	0,295
CHR2	16299923	CHR2:16299923	SSF x Near_LoA	-9,86947811	-0,100	0,300
CHR2	16306282	CHR2:16306282	SSF x Near_LoA	-11,6960241	-0,011	0,293
CHR2	16306350	CHR2:16306350	SSF x Near_LoA	-11,5046134	0,022	0,297
CHR2	16306359	CHR2:16306359	SSF x Near_LoA	-10,2639133	-0,010	0,309
CHR2	16306369	CHR2:16306369	SSF x Near_LoA	-6,45123335	0,004	0,308

CHR2	16316105	CHR2:16316105	SSF x Near_LoA	-9,49546619	-0,041	0,304
CHR2	16335259	CHR2:16335259	SSF x Near_LoA	-7,49369796	0,035	0,305
CHR2	16335366	CHR2:16335366	SSF x Near_LoA	-10,923768	0,056	0,308
CHR2	16340469	CHR2:16340469	SSF x Near_LoA	-8,66526336	0,026	0,307
CHR2	16340647	CHR2:16340647	SSF x Near_LoA	-5,60377876	-0,051	0,312
CHR2	16342290	CHR2:16342290	SSF x Near_LoA	-8,45227072	-0,032	0,310
CHR2	16344202	CHR2:16344202	SSF x Near_LoA	-9,89863621	-0,033	0,322
CHR2	16344246	CHR2:16344246	SSF x Near_LoA	-9,19845007	0,026	0,311
CHR2	16344418	CHR2:16344418	SSF x Near_LoA	-4,98757217	0,015	0,313
CHR2	16344471	CHR2:16344471	SSF x Near_LoA	-11,5383237	0,035	0,312
CHR2	16344474	CHR2:16344474	SSF x Near_LoA	-7,28298801	-0,042	0,313
CHR2	16351910	CHR2:16351910	SSF x Near_LoA	-6,59091138	0,042	0,307
CHR2	16351914	CHR2:16351914	SSF x Near_LoA	-11,174919	-0,010	0,310
CHR2	16351974	CHR2:16351974	SSF x Near_LoA	-10,8401816	-0,033	0,299
CHR2	16352040	CHR2:16352040	SSF x Near_LoA	-9,10958369	-0,051	0,303
CHR2	16352075	CHR2:16352075	SSF x Near_LoA	-10,2787722	0,025	0,301
CHR2	16353831	CHR2:16353831	SSF x Near_LoA	-9,69864657	0,081	0,311
CHR2	16353851	CHR2:16353851	SSF x Near_LoA	-10,3319402	0,111	0,312
CHR2	16353893	CHR2:16353893	SSF x Near_LoA	-7,66822874	0,164	0,292
CHR2	16353912	CHR2:16353912	SSF x Near_LoA	-5,19371867	0,045	0,315
CHR2	16353935	CHR2:16353935	SSF x Near_LoA	-7,55671706	0,055	0,304
CHR2	16353972	CHR2:16353972	SSF x Near_LoA	-5,11017814	-0,141	0,315
CHR2	16354012	CHR2:16354012	SSF x Near_LoA	-8,62581902	-0,020	0,311
CHR2	16354028	CHR2:16354028	SSF x Near_LoA	-5,93637334	-0,160	0,296
CHR2	16354056	CHR2:16354056	SSF x Near_LoA	-9,65084334	0,128	0,314
CHR2	16359967	CHR2:16359967	SSF x Near_LoA	-10,0999545	0,023	0,299
CHR2	16360207	CHR2:16360207	SSF x Near_LoA	-11,1678541	0,038	0,316
CHR2	16360229	CHR2:16360229	SSF x Near_LoA	-4,81090054	-0,030	0,307
CHR2	16366435	CHR2:16366435	SSF x Near_LoA	-6,57842192	-0,036	0,307
CHR2	16366568	CHR2:16366568	SSF x Near_LoA	-10,8549835	-0,037	0,293
CHR2	1637098	CHR2:1637098	SSF x Near_LoA	-11,0640902	0,069	0,293
CHR2	16383997	CHR2:16383997	SSF x Near_LoA	-8,38735318	-0,122	0,315
CHR2	16384066	CHR2:16384066	SSF x Near_LoA	-7,06384733	-0,131	0,315
CHR2	16384070	CHR2:16384070	SSF x Near_LoA	-10,9214264	0,020	0,318
CHR2	16384111	CHR2:16384111	SSF x Near_LoA	-10,6421369	-0,076	0,309
CHR2	16398233	CHR2:16398233	SSF x Near_LoA	-3,9923156	-0,112	0,304
CHR2	16398391	CHR2:16398391	SSF x Near_LoA	-11,0724401	-0,099	0,306
CHR2	16414559	CHR2:16414559	SSF x Near_LoA	-9,57206254	0,081	0,284
CHR2	16414600	CHR2:16414600	SSF x Near_LoA	6,07459867	-0,120	0,314
CHR2	16414662	CHR2:16414662	SSF x Near_LoA	-9,9022145	0,006	0,327
CHR2	16414689	CHR2:16414689	SSF x Near_LoA	-9,98356358	0,097	0,302
CHR2	16414691	CHR2:16414691	SSF x Near_LoA	-8,40636614	0,110	0,306
CHR2	16414756	CHR2:16414756	SSF x Near_LoA	-11,7673825	0,056	0,309
CHR2	16414759	CHR2:16414759	SSF x Near_LoA	-9,72717479	-0,087	0,301
CHR2	16438462	CHR2:16438462	SSF x Near_LoA	-7,87429731	-0,071	0,303
CHR2	16438485	CHR2:16438485	SSF x Near_LoA	-10,3228617	-0,014	0,302
CHR2	16438527	CHR2:16438527	SSF x Near_LoA	-9,74061509	-0,005	0,317
CHR2	16438585	CHR2:16438585	SSF x Near_LoA	-4,4733578	-0,260	0,274
CHR2	16439862	CHR2:16439862	SSF x Near_LoA	-8,96100934	0,000	0,307
CHR2	16439984	CHR2:16439984	SSF x Near_LoA	-9,49303836	0,002	0,304
CHR2	16439991	CHR2:16439991	SSF x Near_LoA	-9,06789527	-0,134	0,316
CHR2	16440019	CHR2:16440019	SSF x Near_LoA	-8,62101228	-0,119	0,304
CHR2	16446906	CHR2:16446906	SSF x Near_LoA	-9,88800018	0,037	0,301

CHR2	16450101	CHR2:16450101	SSF x Near_LoA	-7,25158665	-0,019	0,328
CHR2	16450212	CHR2:16450212	SSF x Near_LoA	-8,97891466	-0,133	0,319
CHR2	16450213	CHR2:16450213	SSF x Near_LoA	-10,095888	0,022	0,306
CHR2	16453317	CHR2:16453317	SSF x Near_LoA	-8,62849991	0,015	0,323
CHR2	16458585	CHR2:16458585	SSF x Near_LoA	-8,65650142	-0,037	0,303
CHR2	16458615	CHR2:16458615	SSF x Near_LoA	-8,05327761	0,169	0,299
CHR2	16458656	CHR2:16458656	SSF x Near_LoA	-9,40229385	-0,056	0,300
CHR2	16458681	CHR2:16458681	SSF x Near_LoA	-5,41234219	-0,061	0,307
CHR2	16500221	CHR2:16500221	SSF x Near_LoA	-7,45970174	-0,047	0,306
CHR2	16500255	CHR2:16500255	SSF x Near_LoA	-8,4780782	0,009	0,321
CHR2	16500326	CHR2:16500326	SSF x Near_LoA	-7,03216607	0,229	0,296
CHR2	16516451	CHR2:16516451	SSF x Near_LoA	-11,4451148	-0,041	0,303
CHR2	16516458	CHR2:16516458	SSF x Near_LoA	-10,477725	-0,055	0,310
CHR2	16516461	CHR2:16516461	SSF x Near_LoA	-11,6258642	0,023	0,307
CHR2	16516513	CHR2:16516513	SSF x Near_LoA	-11,3302194	-0,032	0,299
CHR2	16516621	CHR2:16516621	SSF x Near_LoA	-9,24141672	0,197	0,288
CHR2	16516632	CHR2:16516632	SSF x Near_LoA	-10,5501861	0,003	0,311
CHR2	16525816	CHR2:16525816	SSF x Near_LoA	-9,44088436	0,014	0,297
CHR2	16525875	CHR2:16525875	SSF x Near_LoA	-9,73417363	-0,072	0,309
CHR2	16525894	CHR2:16525894	SSF x Near_LoA	-8,96986727	0,046	0,311
CHR2	16525937	CHR2:16525937	SSF x Near_LoA	-5,219906	-0,073	0,307
CHR2	16525947	CHR2:16525947	SSF x Near_LoA	-9,88494646	0,007	0,309
CHR2	16525960	CHR2:16525960	SSF x Near_LoA	-10,1873907	-0,008	0,307
CHR2	16525985	CHR2:16525985	SSF x Near_LoA	-8,18267203	-0,013	0,313
CHR2	16542343	CHR2:16542343	SSF x Near_LoA	-6,88531943	0,124	0,299
CHR2	16542394	CHR2:16542394	SSF x Near_LoA	-3,47860339	0,134	0,303
CHR2	16545294	CHR2:16545294	SSF x Near_LoA	-10,4417817	0,029	0,302
CHR2	16545331	CHR2:16545331	SSF x Near_LoA	-3,61331795	-0,013	0,313
CHR2	16556541	CHR2:16556541	SSF x Near_LoA	-8,39448413	-0,156	0,299
CHR2	16556642	CHR2:16556642	SSF x Near_LoA	-1,24568005	-0,164	0,302
CHR2	16575236	CHR2:16575236	SSF x Near_LoA	-11,3464477	0,067	0,307
CHR2	16575369	CHR2:16575369	SSF x Near_LoA	-10,5012015	-0,104	0,314
CHR2	16575421	CHR2:16575421	SSF x Near_LoA	-6,7317486	-0,047	0,309
CHR2	16575447	CHR2:16575447	SSF x Near_LoA	-4,0358391	0,092	0,303
CHR2	16576405	CHR2:16576405	SSF x Near_LoA	-8,56367781	-0,134	0,307
CHR2	16576636	CHR2:16576636	SSF x Near_LoA	-8,06685615	-0,098	0,313
CHR2	16578964	CHR2:16578964	SSF x Near_LoA	-8,80511181	-0,098	0,314
CHR2	16578987	CHR2:16578987	SSF x Near_LoA	-9,12536917	0,021	0,302
CHR2	16585202	CHR2:16585202	SSF x Near_LoA	-6,49226902	0,093	0,307
CHR2	16585294	CHR2:16585294	SSF x Near_LoA	-11,1834169	0,011	0,303
CHR2	16592510	CHR2:16592510	SSF x Near_LoA	-8,96769763	0,069	0,317
CHR2	16592511	CHR2:16592511	SSF x Near_LoA	-8,79554004	0,115	0,308
CHR2	16592614	CHR2:16592614	SSF x Near_LoA	-8,76801855	-0,057	0,296
CHR2	16610268	CHR2:16610268	SSF x Near_LoA	-8,89841983	0,027	0,303
CHR2	16610296	CHR2:16610296	SSF x Near_LoA	-9,34723117	0,147	0,297
CHR2	16610418	CHR2:16610418	SSF x Near_LoA	-8,29471986	-0,008	0,300
CHR2	16624291	CHR2:16624291	SSF x Near_LoA	-11,0081074	0,026	0,320
CHR2	16626671	CHR2:16626671	SSF x Near_LoA	-9,10936496	0,145	0,308
CHR2	16626715	CHR2:16626715	SSF x Near_LoA	-4,47275579	-0,101	0,304
CHR2	16626725	CHR2:16626725	SSF x Near_LoA	-6,49005431	0,081	0,314
CHR2	16626727	CHR2:16626727	SSF x Near_LoA	-7,65619477	0,091	0,297
CHR2	16626733	CHR2:16626733	SSF x Near_LoA	-9,38962821	0,091	0,295
CHR2	16639648	CHR2:16639648	SSF x Near_LoA	-9,22313376	0,034	0,316

CHR2	16639691	CHR2:16639691	SSF x Near_LoA	-10,8031339	-0,061	0,326
CHR2	16639697	CHR2:16639697	SSF x Near_LoA	-9,99267157	0,014	0,311
CHR2	16639724	CHR2:16639724	SSF x Near_LoA	-10,1943983	0,098	0,316
CHR2	16639732	CHR2:16639732	SSF x Near_LoA	-8,73230947	0,064	0,312
CHR2	16639775	CHR2:16639775	SSF x Near_LoA	-11,1455702	-0,038	0,310
CHR2	16654181	CHR2:16654181	SSF x Near_LoA	-9,04534179	-0,107	0,302
CHR2	16684485	CHR2:16684485	SSF x Near_LoA	-12,1072653	-0,003	0,302
CHR2	16712808	CHR2:16712808	SSF x Near_LoA	-8,1521288	0,076	0,315
CHR2	16734507	CHR2:16734507	SSF x Near_LoA	-8,70831427	0,063	0,300
CHR2	16734524	CHR2:16734524	SSF x Near_LoA	-6,75430171	0,024	0,320
CHR2	16734531	CHR2:16734531	SSF x Near_LoA	-11,600558	0,101	0,298
CHR2	16734706	CHR2:16734706	SSF x Near_LoA	-6,52148123	-0,071	0,309
CHR2	16734766	CHR2:16734766	SSF x Near_LoA	-10,30591	-0,036	0,316
CHR2	16734806	CHR2:16734806	SSF x Near_LoA	-10,735529	-0,024	0,309
CHR2	16734816	CHR2:16734816	SSF x Near_LoA	-6,61301654	-0,008	0,325
CHR2	16734847	CHR2:16734847	SSF x Near_LoA	-11,0230644	0,077	0,310
CHR2	16740671	CHR2:16740671	SSF x Near_LoA	-10,8605074	-0,034	0,312
CHR2	16746466	CHR2:16746466	SSF x Near_LoA	-7,25105911	-0,043	0,306
CHR2	16784617	CHR2:16784617	SSF x Near_LoA	-9,31268985	0,046	0,299
CHR2	16800296	CHR2:16800296	SSF x Near_LoA	-9,58526138	0,055	0,322
CHR2	1681821	CHR2:1681821	SSF x Near_LoA	-7,25664283	-0,139	0,296
CHR2	16823197	CHR2:16823197	SSF x Near_LoA	-9,08564573	0,014	0,312
CHR2	16856068	CHR2:16856068	SSF x Near_LoA	-9,4269992	0,035	0,300
CHR2	16875228	CHR2:16875228	SSF x Near_LoA	-6,52562123	0,077	0,303
CHR2	16921698	CHR2:16921698	SSF x Near_LoA	-9,26632732	-0,129	0,298
CHR2	16928447	CHR2:16928447	SSF x Near_LoA	-10,8809476	0,041	0,301
CHR2	16943061	CHR2:16943061	SSF x Near_LoA	-10,7876799	-0,030	0,297
CHR2	16943066	CHR2:16943066	SSF x Near_LoA	-7,85839001	0,196	0,294
CHR2	16943110	CHR2:16943110	SSF x Near_LoA	-11,2836016	0,053	0,304
CHR2	16951287	CHR2:16951287	SSF x Near_LoA	-6,39352499	0,205	0,304
CHR2	16951335	CHR2:16951335	SSF x Near_LoA	-7,0245638	-0,165	0,291
CHR2	16954849	CHR2:16954849	SSF x Near_LoA	-7,61244336	0,150	0,311
CHR2	16954962	CHR2:16954962	SSF x Near_LoA	-9,40552075	0,134	0,311
CHR2	16987673	CHR2:16987673	SSF x Near_LoA	-10,360319	-0,063	0,305
CHR2	16987758	CHR2:16987758	SSF x Near_LoA	-8,92752774	-0,051	0,314
CHR2	16991905	CHR2:16991905	SSF x Near_LoA	-9,80474688	-0,006	0,306
CHR2	17022239	CHR2:17022239	SSF x Near_LoA	-10,4202771	-0,090	0,304
CHR2	17022351	CHR2:17022351	SSF x Near_LoA	-10,0082442	-0,070	0,311
CHR2	17022378	CHR2:17022378	SSF x Near_LoA	-9,53847515	0,088	0,328
CHR2	17026521	CHR2:17026521	SSF x Near_LoA	-7,99830061	0,004	0,334
CHR2	17026525	CHR2:17026525	SSF x Near_LoA	-9,18367382	0,029	0,306
CHR2	17026529	CHR2:17026529	SSF x Near_LoA	-6,37703331	-0,020	0,317
CHR2	17032000	CHR2:17032000	SSF x Near_LoA	-10,1384833	-0,040	0,315
CHR2	17032002	CHR2:17032002	SSF x Near_LoA	-8,70327973	-0,066	0,299
CHR2	17032065	CHR2:17032065	SSF x Near_LoA	-7,66841838	-0,064	0,303
CHR2	17036518	CHR2:17036518	SSF x Near_LoA	-9,31019839	-0,028	0,291
CHR2	17038435	CHR2:17038435	SSF x Near_LoA	-9,77345867	-0,088	0,318
CHR2	17061954	CHR2:17061954	SSF x Near_LoA	-10,4740058	-0,115	0,296
CHR2	17062068	CHR2:17062068	SSF x Near_LoA	-9,81535949	-0,019	0,313
CHR2	17081708	CHR2:17081708	SSF x Near_LoA	-5,95659241	0,083	0,308
CHR2	1712250	CHR2:1712250	SSF x Near_LoA	-5,60502515	0,042	0,307
CHR2	1712288	CHR2:1712288	SSF x Near_LoA	-10,8774021	-0,002	0,314
CHR2	1712342	CHR2:1712342	SSF x Near_LoA	-9,59872785	-0,088	0,331

CHR2	17128419	CHR2:17128419	SSF x Near_LoA	-10,7359096	-0,021	0,312
CHR2	17131758	CHR2:17131758	SSF x Near_LoA	-7,44861602	0,049	0,312
CHR2	17131768	CHR2:17131768	SSF x Near_LoA	-8,64623196	0,049	0,308
CHR2	1714027	CHR2:1714027	SSF x Near_LoA	-9,36077888	0,048	0,305
CHR2	1714068	CHR2:1714068	SSF x Near_LoA	-4,65673621	-0,022	0,300
CHR2	1714174	CHR2:1714174	SSF x Near_LoA	-9,66275628	-0,069	0,283
CHR2	1714206	CHR2:1714206	SSF x Near_LoA	-10,8150244	0,001	0,312
CHR2	17162215	CHR2:17162215	SSF x Near_LoA	-10,9766764	0,049	0,305
CHR2	17162294	CHR2:17162294	SSF x Near_LoA	-7,78748879	-0,099	0,307
CHR2	17162326	CHR2:17162326	SSF x Near_LoA	-10,8695922	0,093	0,299
CHR2	17162361	CHR2:17162361	SSF x Near_LoA	-4,81012	-0,098	0,289
CHR2	17162416	CHR2:17162416	SSF x Near_LoA	-10,2130705	0,037	0,299
CHR2	17165164	CHR2:17165164	SSF x Near_LoA	-9,68418508	-0,022	0,296
CHR2	17165176	CHR2:17165176	SSF x Near_LoA	-11,6666516	-0,044	0,293
CHR2	17170765	CHR2:17170765	SSF x Near_LoA	-9,4310709	0,018	0,303
CHR2	17170813	CHR2:17170813	SSF x Near_LoA	-9,07838038	-0,053	0,310
CHR2	17170838	CHR2:17170838	SSF x Near_LoA	-8,42377985	-0,002	0,312
CHR2	17170893	CHR2:17170893	SSF x Near_LoA	-9,76144818	0,038	0,306
CHR2	17177456	CHR2:17177456	SSF x Near_LoA	-6,90158261	-0,020	0,320
CHR2	17181206	CHR2:17181206	SSF x Near_LoA	-8,36850675	-0,013	0,315
CHR2	17184956	CHR2:17184956	SSF x Near_LoA	-10,9977569	-0,086	0,302
CHR2	17189765	CHR2:17189765	SSF x Near_LoA	-10,6035228	0,000	0,302
CHR2	17210548	CHR2:17210548	SSF x Near_LoA	-9,76710909	0,019	0,305
CHR2	17210555	CHR2:17210555	SSF x Near_LoA	-9,85040146	0,070	0,315
CHR2	17210586	CHR2:17210586	SSF x Near_LoA	-9,74876977	-0,076	0,309
CHR2	17212559	CHR2:17212559	SSF x Near_LoA	-10,2750934	-0,004	0,306
CHR2	17212643	CHR2:17212643	SSF x Near_LoA	-8,83327304	0,025	0,309
CHR2	17212662	CHR2:17212662	SSF x Near_LoA	-8,62473841	0,037	0,319
CHR2	17212757	CHR2:17212757	SSF x Near_LoA	-10,0684655	0,022	0,315
CHR2	17215280	CHR2:17215280	SSF x Near_LoA	-9,82333118	0,153	0,301
CHR2	17215340	CHR2:17215340	SSF x Near_LoA	-7,89677752	0,121	0,296
CHR2	17215348	CHR2:17215348	SSF x Near_LoA	-8,32256959	0,095	0,287
CHR2	17215359	CHR2:17215359	SSF x Near_LoA	-7,66979008	0,122	0,309
CHR2	17215363	CHR2:17215363	SSF x Near_LoA	-7,79194784	0,048	0,323
CHR2	17215366	CHR2:17215366	SSF x Near_LoA	-9,17480589	0,063	0,303
CHR2	17215367	CHR2:17215367	SSF x Near_LoA	-9,36709976	0,102	0,318
CHR2	17215406	CHR2:17215406	SSF x Near_LoA	-10,4505694	0,039	0,304
CHR2	17220037	CHR2:17220037	SSF x Near_LoA	-7,16644053	-0,108	0,304
CHR2	17220106	CHR2:17220106	SSF x Near_LoA	-8,81387109	-0,100	0,296
CHR2	17220141	CHR2:17220141	SSF x Near_LoA	-11,6031086	0,007	0,304
CHR2	17220596	CHR2:17220596	SSF x Near_LoA	0,04062802	-0,046	0,306
CHR2	17220615	CHR2:17220615	SSF x Near_LoA	-9,02554261	-0,107	0,323
CHR2	17220637	CHR2:17220637	SSF x Near_LoA	-6,78439123	0,151	0,312
CHR2	17220642	CHR2:17220642	SSF x Near_LoA	-9,1204567	-0,083	0,308
CHR2	17220678	CHR2:17220678	SSF x Near_LoA	-7,69720368	0,016	0,312
CHR2	17220692	CHR2:17220692	SSF x Near_LoA	-10,3299945	0,178	0,295
CHR2	17230155	CHR2:17230155	SSF x Near_LoA	-6,6334416	-0,081	0,321
CHR2	1723210	CHR2:1723210	SSF x Near_LoA	-9,32242366	0,000	0,297
CHR2	17235061	CHR2:17235061	SSF x Near_LoA	-8,8850788	0,148	0,301
CHR2	17235082	CHR2:17235082	SSF x Near_LoA	-8,79885742	0,032	0,308
CHR2	17236264	CHR2:17236264	SSF x Near_LoA	-9,16512073	-0,116	0,310
CHR2	17236306	CHR2:17236306	SSF x Near_LoA	-8,85419594	-0,010	0,299
CHR2	17241001	CHR2:17241001	SSF x Near_LoA	-9,70102015	0,009	0,307

CHR2	17253856	CHR2:17253856	SSF x Near_LoA	-7,7530908	0,088	0,314
CHR2	17253859	CHR2:17253859	SSF x Near_LoA	-11,1455997	0,061	0,298
CHR2	17253911	CHR2:17253911	SSF x Near_LoA	-11,5188833	0,088	0,315
CHR2	17253941	CHR2:17253941	SSF x Near_LoA	-7,11162688	0,044	0,309
CHR2	17254082	CHR2:17254082	SSF x Near_LoA	-9,00126236	0,096	0,303
CHR2	17254112	CHR2:17254112	SSF x Near_LoA	-9,38258281	-0,132	0,294
CHR2	1727839	CHR2:1727839	SSF x Near_LoA	-9,96692202	-0,046	0,321
CHR2	17280093	CHR2:17280093	SSF x Near_LoA	-8,26778068	-0,022	0,310
CHR2	17297191	CHR2:17297191	SSF x Near_LoA	-8,43930259	0,135	0,308
CHR2	17297258	CHR2:17297258	SSF x Near_LoA	-8,86921943	-0,128	0,309
CHR2	17297772	CHR2:17297772	SSF x Near_LoA	-9,56755723	0,109	0,299
CHR2	17297830	CHR2:17297830	SSF x Near_LoA	-9,42931019	0,116	0,301
CHR2	17330172	CHR2:17330172	SSF x Near_LoA	-10,1295007	-0,064	0,319
CHR2	17330244	CHR2:17330244	SSF x Near_LoA	-10,2251923	-0,006	0,302
CHR2	17334858	CHR2:17334858	SSF x Near_LoA	-11,164558	-0,103	0,315
CHR2	17341354	CHR2:17341354	SSF x Near_LoA	-10,6681998	0,023	0,305
CHR2	17349835	CHR2:17349835	SSF x Near_LoA	-10,2261056	0,095	0,308
CHR2	17355018	CHR2:17355018	SSF x Near_LoA	-4,98338469	-0,218	0,299
CHR2	17355265	CHR2:17355265	SSF x Near_LoA	-8,4111883	0,101	0,312
CHR2	17358600	CHR2:17358600	SSF x Near_LoA	-1,37599947	-0,205	0,301
CHR2	17378551	CHR2:17378551	SSF x Near_LoA	-2,41927469	-0,174	0,304
CHR2	17378607	CHR2:17378607	SSF x Near_LoA	-11,280896	-0,086	0,301
CHR2	17378610	CHR2:17378610	SSF x Near_LoA	-6,7508712	-0,172	0,299
CHR2	17378725	CHR2:17378725	SSF x Near_LoA	-10,2438369	-0,073	0,309
CHR2	17378732	CHR2:17378732	SSF x Near_LoA	-3,20611629	-0,165	0,296
CHR2	17378749	CHR2:17378749	SSF x Near_LoA	-6,21082527	-0,169	0,307
CHR2	17378754	CHR2:17378754	SSF x Near_LoA	-5,9556777	-0,165	0,299
CHR2	17382696	CHR2:17382696	SSF x Near_LoA	-8,42695133	0,048	0,309
CHR2	17383438	CHR2:17383438	SSF x Near_LoA	-9,1821558	-0,133	0,303
CHR2	17383465	CHR2:17383465	SSF x Near_LoA	-10,8419711	0,064	0,303
CHR2	17383533	CHR2:17383533	SSF x Near_LoA	-10,1789442	-0,148	0,298
CHR2	17396802	CHR2:17396802	SSF x Near_LoA	-11,3866964	0,103	0,310
CHR2	17396838	CHR2:17396838	SSF x Near_LoA	-9,56547378	0,045	0,312
CHR2	17396892	CHR2:17396892	SSF x Near_LoA	-9,33438978	0,090	0,293
CHR2	17396907	CHR2:17396907	SSF x Near_LoA	-11,0159692	0,116	0,299
CHR2	17409644	CHR2:17409644	SSF x Near_LoA	-8,41385166	0,075	0,312
CHR2	17411856	CHR2:17411856	SSF x Near_LoA	-8,30444284	0,112	0,311
CHR2	17411890	CHR2:17411890	SSF x Near_LoA	-10,0231098	0,111	0,311
CHR2	17411922	CHR2:17411922	SSF x Near_LoA	-3,83041025	-0,101	0,317
CHR2	17411925	CHR2:17411925	SSF x Near_LoA	-8,86190893	0,107	0,307
CHR2	17443636	CHR2:17443636	SSF x Near_LoA	-8,23866697	-0,146	0,303
CHR2	17443738	CHR2:17443738	SSF x Near_LoA	-10,1887441	0,009	0,311
CHR2	17443760	CHR2:17443760	SSF x Near_LoA	-8,83988654	-0,011	0,297
CHR2	17448670	CHR2:17448670	SSF x Near_LoA	-6,35546389	-0,128	0,315
CHR2	17448671	CHR2:17448671	SSF x Near_LoA	-6,34783505	-0,153	0,305
CHR2	17448674	CHR2:17448674	SSF x Near_LoA	-4,39526418	-0,133	0,306
CHR2	17448675	CHR2:17448675	SSF x Near_LoA	-7,23013964	-0,143	0,304
CHR2	17448677	CHR2:17448677	SSF x Near_LoA	-6,4737312	-0,135	0,317
CHR2	17448678	CHR2:17448678	SSF x Near_LoA	-7,8980897	-0,125	0,320
CHR2	17448679	CHR2:17448679	SSF x Near_LoA	-6,93296136	-0,122	0,316
CHR2	17448755	CHR2:17448755	SSF x Near_LoA	-6,82356072	-0,166	0,308
CHR2	17465430	CHR2:17465430	SSF x Near_LoA	-6,97258042	0,017	0,308
CHR2	17465501	CHR2:17465501	SSF x Near_LoA	-7,46410171	0,005	0,308

CHR2	17465536	CHR2:17465536	SSF x Near_LoA	-11,7137348	0,093	0,306
CHR2	17487129	CHR2:17487129	SSF x Near_LoA	-7,48259239	0,144	0,297
CHR2	17487164	CHR2:17487164	SSF x Near_LoA	-8,86179555	0,127	0,302
CHR2	17487199	CHR2:17487199	SSF x Near_LoA	-7,75403795	-0,011	0,319
CHR2	17487721	CHR2:17487721	SSF x Near_LoA	-6,31665905	0,182	0,312
CHR2	1749201	CHR2:1749201	SSF x Near_LoA	-11,7594162	-0,062	0,308
CHR2	1749252	CHR2:1749252	SSF x Near_LoA	-11,7682051	-0,012	0,304
CHR2	17505352	CHR2:17505352	SSF x Near_LoA	-8,47264563	0,030	0,311
CHR2	1751045	CHR2:1751045	SSF x Near_LoA	-8,92010761	-0,072	0,314
CHR2	1751062	CHR2:1751062	SSF x Near_LoA	-10,8297423	0,080	0,300
CHR2	1751135	CHR2:1751135	SSF x Near_LoA	-7,73012721	-0,111	0,302
CHR2	17527118	CHR2:17527118	SSF x Near_LoA	-10,3856487	0,060	0,309
CHR2	17527301	CHR2:17527301	SSF x Near_LoA	-9,44187983	0,061	0,304
CHR2	17536647	CHR2:17536647	SSF x Near_LoA	-4,00040458	-0,167	0,312
CHR2	17536749	CHR2:17536749	SSF x Near_LoA	-9,62919594	-0,068	0,293
CHR2	17557106	CHR2:17557106	SSF x Near_LoA	-9,75467618	0,044	0,300
CHR2	17562455	CHR2:17562455	SSF x Near_LoA	-10,4168968	-0,010	0,312
CHR2	17569723	CHR2:17569723	SSF x Near_LoA	-11,3192972	-0,033	0,300
CHR2	17569737	CHR2:17569737	SSF x Near_LoA	-7,13735977	0,036	0,313
CHR2	17569795	CHR2:17569795	SSF x Near_LoA	-11,4807056	-0,028	0,319
CHR2	17582171	CHR2:17582171	SSF x Near_LoA	-9,12378511	-0,015	0,316
CHR2	17582264	CHR2:17582264	SSF x Near_LoA	-9,4290541	-0,011	0,310
CHR2	17591769	CHR2:17591769	SSF x Near_LoA	-6,47323182	0,045	0,310
CHR2	17594943	CHR2:17594943	SSF x Near_LoA	-5,9176346	-0,064	0,299
CHR2	17594965	CHR2:17594965	SSF x Near_LoA	-10,9771559	0,084	0,297
CHR2	17599758	CHR2:17599758	SSF x Near_LoA	-11,2984142	0,018	0,286
CHR2	17603375	CHR2:17603375	SSF x Near_LoA	-10,5890247	0,026	0,305
CHR2	17603407	CHR2:17603407	SSF x Near_LoA	-10,3545145	-0,040	0,311
CHR2	17603429	CHR2:17603429	SSF x Near_LoA	-8,0415086	-0,116	0,293
CHR2	17603457	CHR2:17603457	SSF x Near_LoA	-9,39250602	0,040	0,302
CHR2	17608675	CHR2:17608675	SSF x Near_LoA	-7,00990123	0,162	0,280
CHR2	17608688	CHR2:17608688	SSF x Near_LoA	-9,11917155	-0,041	0,323
CHR2	17612116	CHR2:17612116	SSF x Near_LoA	-9,94854954	-0,018	0,321
CHR2	17612176	CHR2:17612176	SSF x Near_LoA	-7,93242349	-0,096	0,305
CHR2	17612186	CHR2:17612186	SSF x Near_LoA	-9,49193676	-0,011	0,327
CHR2	17612363	CHR2:17612363	SSF x Near_LoA	-8,69672707	-0,043	0,296
CHR2	17635404	CHR2:17635404	SSF x Near_LoA	-5,07183377	0,166	0,290
CHR2	17644960	CHR2:17644960	SSF x Near_LoA	-6,98161082	-0,146	0,303
CHR2	17703913	CHR2:17703913	SSF x Near_LoA	-10,4675038	-0,008	0,297
CHR2	17703994	CHR2:17703994	SSF x Near_LoA	-10,4887107	-0,080	0,311
CHR2	17704093	CHR2:17704093	SSF x Near_LoA	-8,43994803	-0,117	0,295
CHR2	17709586	CHR2:17709586	SSF x Near_LoA	-9,7689408	0,097	0,311
CHR2	17709589	CHR2:17709589	SSF x Near_LoA	-6,59638201	-0,074	0,305
CHR2	17718447	CHR2:17718447	SSF x Near_LoA	-7,61635375	0,136	0,309
CHR2	17718460	CHR2:17718460	SSF x Near_LoA	-9,97691134	0,042	0,316
CHR2	17718467	CHR2:17718467	SSF x Near_LoA	-8,18195076	0,089	0,320
CHR2	17724363	CHR2:17724363	SSF x Near_LoA	-11,7031289	-0,015	0,295
CHR2	17724439	CHR2:17724439	SSF x Near_LoA	-9,49634	-0,058	0,305
CHR2	17732009	CHR2:17732009	SSF x Near_LoA	-9,99546509	0,026	0,306
CHR2	17732090	CHR2:17732090	SSF x Near_LoA	-5,72457629	0,186	0,290
CHR2	1775257	CHR2:1775257	SSF x Near_LoA	-7,26792321	0,051	0,312
CHR2	1775406	CHR2:1775406	SSF x Near_LoA	-10,4224378	0,046	0,315
CHR2	1775415	CHR2:1775415	SSF x Near_LoA	-10,4502176	0,040	0,310

CHR2	1775426	CHR2:1775426	SSF x Near_LoA	-9,68243045	0,013	0,309
CHR2	17769401	CHR2:17769401	SSF x Near_LoA	-7,90882156	0,131	0,317
CHR2	17769535	CHR2:17769535	SSF x Near_LoA	-9,6398947	0,058	0,299
CHR2	17769588	CHR2:17769588	SSF x Near_LoA	-8,93169374	0,036	0,311
CHR2	17777487	CHR2:17777487	SSF x Near_LoA	-8,88177253	0,042	0,308
CHR2	17777534	CHR2:17777534	SSF x Near_LoA	-9,83547707	0,054	0,309
CHR2	17777642	CHR2:17777642	SSF x Near_LoA	-11,4406113	-0,012	0,290
CHR2	17780268	CHR2:17780268	SSF x Near_LoA	-7,92562833	-0,045	0,314
CHR2	17787224	CHR2:17787224	SSF x Near_LoA	-9,79425792	0,004	0,307
CHR2	17787272	CHR2:17787272	SSF x Near_LoA	-10,1465859	0,007	0,298
CHR2	17793633	CHR2:17793633	SSF x Near_LoA	-8,84998599	-0,045	0,309
CHR2	17801076	CHR2:17801076	SSF x Near_LoA	-7,80573182	-0,009	0,321
CHR2	17801203	CHR2:17801203	SSF x Near_LoA	-7,66403957	-0,058	0,308
CHR2	17815481	CHR2:17815481	SSF x Near_LoA	-4,77990915	-0,117	0,304
CHR2	17815705	CHR2:17815705	SSF x Near_LoA	-8,54005863	-0,051	0,304
CHR2	17815716	CHR2:17815716	SSF x Near_LoA	-10,5875794	-0,060	0,311
CHR2	17820851	CHR2:17820851	SSF x Near_LoA	-10,4742139	0,034	0,319
CHR2	17820908	CHR2:17820908	SSF x Near_LoA	-7,9632976	0,064	0,307
CHR2	17820977	CHR2:17820977	SSF x Near_LoA	-10,1954599	0,186	0,298
CHR2	17821019	CHR2:17821019	SSF x Near_LoA	-7,88074247	-0,049	0,301
CHR2	1782363	CHR2:1782363	SSF x Near_LoA	-8,00838529	-0,126	0,313
CHR2	1782470	CHR2:1782470	SSF x Near_LoA	-10,2560922	0,101	0,306
CHR2	17827684	CHR2:17827684	SSF x Near_LoA	-8,47907794	-0,148	0,306
CHR2	17827709	CHR2:17827709	SSF x Near_LoA	-11,3895697	0,017	0,315
CHR2	17827755	CHR2:17827755	SSF x Near_LoA	-10,7224938	-0,031	0,309
CHR2	17827772	CHR2:17827772	SSF x Near_LoA	5,25725484	-0,139	0,307
CHR2	17827822	CHR2:17827822	SSF x Near_LoA	-11,9452989	0,036	0,297
CHR2	17827853	CHR2:17827853	SSF x Near_LoA	-11,6609814	-0,048	0,320
CHR2	17839090	CHR2:17839090	SSF x Near_LoA	2,99905418	-0,003	0,321
CHR2	17839091	CHR2:17839091	SSF x Near_LoA	-8,92937658	0,019	0,319
CHR2	17848209	CHR2:17848209	SSF x Near_LoA	-7,04441616	-0,010	0,330
CHR2	17848260	CHR2:17848260	SSF x Near_LoA	-8,25509471	-0,011	0,317
CHR2	17848374	CHR2:17848374	SSF x Near_LoA	-8,87100831	0,178	0,314
CHR2	17875760	CHR2:17875760	SSF x Near_LoA	-11,3987738	0,038	0,306
CHR2	1787952	CHR2:1787952	SSF x Near_LoA	-10,4938882	-0,088	0,307
CHR2	1788036	CHR2:1788036	SSF x Near_LoA	-9,59599422	0,026	0,307
CHR2	1788044	CHR2:1788044	SSF x Near_LoA	-8,78406228	0,016	0,314
CHR2	1788117	CHR2:1788117	SSF x Near_LoA	-10,7323218	0,030	0,315
CHR2	1788118	CHR2:1788118	SSF x Near_LoA	-8,66012708	0,032	0,313
CHR2	1788196	CHR2:1788196	SSF x Near_LoA	-7,70065434	-0,076	0,305
CHR2	1788212	CHR2:1788212	SSF x Near_LoA	-11,2968251	-0,090	0,299
CHR2	17898496	CHR2:17898496	SSF x Near_LoA	-8,58996765	-0,036	0,293
CHR2	17963492	CHR2:17963492	SSF x Near_LoA	-10,7105375	0,008	0,318
CHR2	17963545	CHR2:17963545	SSF x Near_LoA	-11,9662842	-0,020	0,296
CHR2	1797974	CHR2:1797974	SSF x Near_LoA	-7,94424782	0,164	0,298
CHR2	1797988	CHR2:1797988	SSF x Near_LoA	-10,1228532	0,034	0,316
CHR2	1798005	CHR2:1798005	SSF x Near_LoA	-5,45405642	0,179	0,292
CHR2	17985737	CHR2:17985737	SSF x Near_LoA	-7,62769394	-0,109	0,303
CHR2	18005668	CHR2:18005668	SSF x Near_LoA	-3,57797329	-0,170	0,300
CHR2	1801125	CHR2:1801125	SSF x Near_LoA	-7,77046712	0,062	0,321
CHR2	1801163	CHR2:1801163	SSF x Near_LoA	-9,27601397	-0,087	0,312
CHR2	1801213	CHR2:1801213	SSF x Near_LoA	-8,75369432	0,145	0,279
CHR2	1801229	CHR2:1801229	SSF x Near_LoA	-9,66294499	-0,015	0,312

CHR2	18054812	CHR2:18054812	SSF x Near_LoA	-8,50120893	-0,092	0,310
CHR2	1806258	CHR2:1806258	SSF x Near_LoA	-10,4144202	0,038	0,309
CHR2	18072579	CHR2:18072579	SSF x Near_LoA	-10,3596375	-0,041	0,301
CHR2	180927	CHR2:180927	SSF x Near_LoA	-8,50145343	0,013	0,318
CHR2	18095703	CHR2:18095703	SSF x Near_LoA	-10,0020214	-0,075	0,307
CHR2	180964	CHR2:180964	SSF x Near_LoA	-1,17412532	0,025	0,313
CHR2	180970	CHR2:180970	SSF x Near_LoA	-6,1629814	-0,035	0,327
CHR2	180980	CHR2:180980	SSF x Near_LoA	-7,83155171	0,005	0,314
CHR2	180994	CHR2:180994	SSF x Near_LoA	-8,60147599	0,015	0,318
CHR2	180996	CHR2:180996	SSF x Near_LoA	-7,36685264	-0,003	0,328
CHR2	181009	CHR2:181009	SSF x Near_LoA	-8,55371164	0,017	0,313
CHR2	181010	CHR2:181010	SSF x Near_LoA	-6,10327781	-0,020	0,316
CHR2	181036	CHR2:181036	SSF x Near_LoA	-7,80361061	-0,002	0,322
CHR2	181038	CHR2:181038	SSF x Near_LoA	-8,80041745	-0,015	0,328
CHR2	181052	CHR2:181052	SSF x Near_LoA	-8,77419004	0,004	0,315
CHR2	181055	CHR2:181055	SSF x Near_LoA	-8,44336031	-0,014	0,321
CHR2	18131381	CHR2:18131381	SSF x Near_LoA	-11,9014294	0,007	0,307
CHR2	18147062	CHR2:18147062	SSF x Near_LoA	-9,18075124	-0,020	0,332
CHR2	18147065	CHR2:18147065	SSF x Near_LoA	-8,34748172	-0,001	0,302
CHR2	18147185	CHR2:18147185	SSF x Near_LoA	-7,47077302	-0,014	0,329
CHR2	18147211	CHR2:18147211	SSF x Near_LoA	-7,94148479	0,024	0,327
CHR2	18147245	CHR2:18147245	SSF x Near_LoA	-7,10372902	0,020	0,316
CHR2	18147251	CHR2:18147251	SSF x Near_LoA	-8,16195312	-0,018	0,329
CHR2	18147350	CHR2:18147350	SSF x Near_LoA	-5,56055252	0,001	0,327
CHR2	18147416	CHR2:18147416	SSF x Near_LoA	-7,64421891	0,006	0,319
CHR2	18147466	CHR2:18147466	SSF x Near_LoA	-8,22772268	-0,007	0,320
CHR2	18147484	CHR2:18147484	SSF x Near_LoA	-7,66380295	0,021	0,326
CHR2	18174862	CHR2:18174862	SSF x Near_LoA	-10,5036816	-0,052	0,303
CHR2	1824395	CHR2:1824395	SSF x Near_LoA	-9,10303479	-0,040	0,303
CHR2	1824445	CHR2:1824445	SSF x Near_LoA	-11,7218598	-0,044	0,293
CHR2	1827815	CHR2:1827815	SSF x Near_LoA	-9,60566476	0,114	0,297
CHR2	1843547	CHR2:1843547	SSF x Near_LoA	-6,03744979	0,116	0,312
CHR2	1847370	CHR2:1847370	SSF x Near_LoA	-4,17410657	0,094	0,298
CHR2	1850031	CHR2:1850031	SSF x Near_LoA	-7,96953954	-0,169	0,301
CHR2	1850102	CHR2:1850102	SSF x Near_LoA	-11,9727957	0,005	0,313
CHR2	1866182	CHR2:1866182	SSF x Near_LoA	-8,68752767	-0,114	0,292
CHR2	1866290	CHR2:1866290	SSF x Near_LoA	-2,49271396	-0,207	0,297
CHR2	1866312	CHR2:1866312	SSF x Near_LoA	-8,88223485	-0,093	0,302
CHR2	1872355	CHR2:1872355	SSF x Near_LoA	-10,5488897	0,130	0,301
CHR2	1872388	CHR2:1872388	SSF x Near_LoA	-8,48220921	0,004	0,310
CHR2	1898235	CHR2:1898235	SSF x Near_LoA	-3,06157287	-0,207	0,297
CHR2	1913438	CHR2:1913438	SSF x Near_LoA	-9,81387423	0,060	0,299
CHR2	1913490	CHR2:1913490	SSF x Near_LoA	-10,1229705	0,049	0,301
CHR2	1913494	CHR2:1913494	SSF x Near_LoA	-10,0432795	-0,040	0,297
CHR2	1913541	CHR2:1913541	SSF x Near_LoA	-8,38710128	-0,011	0,316
CHR2	1913543	CHR2:1913543	SSF x Near_LoA	-9,26800268	0,054	0,289
CHR2	1913660	CHR2:1913660	SSF x Near_LoA	-10,901053	-0,009	0,291
CHR2	1913670	CHR2:1913670	SSF x Near_LoA	-9,24331749	0,087	0,296
CHR2	1915322	CHR2:1915322	SSF x Near_LoA	-10,0269853	0,182	0,300
CHR2	1915330	CHR2:1915330	SSF x Near_LoA	-8,71117034	0,198	0,284
CHR2	1915415	CHR2:1915415	SSF x Near_LoA	-8,38073202	-0,072	0,295
CHR2	1915422	CHR2:1915422	SSF x Near_LoA	-10,5850613	-0,068	0,309
CHR2	1915483	CHR2:1915483	SSF x Near_LoA	-11,4730563	-0,046	0,310

CHR2	1915536	CHR2:1915536	SSF x Near_LoA	-10,9168525	-0,010	0,316
CHR2	1915557	CHR2:1915557	SSF x Near_LoA	-6,98578527	-0,035	0,308
CHR2	1923031	CHR2:1923031	SSF x Near_LoA	-7,41026306	0,073	0,312
CHR2	1923056	CHR2:1923056	SSF x Near_LoA	-7,54155928	0,047	0,313
CHR2	1923093	CHR2:1923093	SSF x Near_LoA	-10,7265453	0,013	0,314
CHR2	1924336	CHR2:1924336	SSF x Near_LoA	-7,35376793	0,101	0,277
CHR2	1924340	CHR2:1924340	SSF x Near_LoA	-6,31781845	0,124	0,283
CHR2	1924352	CHR2:1924352	SSF x Near_LoA	-7,57578419	-0,190	0,292
CHR2	1924391	CHR2:1924391	SSF x Near_LoA	-11,6520181	-0,078	0,296
CHR2	1924446	CHR2:1924446	SSF x Near_LoA	-9,31894085	-0,031	0,301
CHR2	1958674	CHR2:1958674	SSF x Near_LoA	-11,0908839	-0,001	0,305
CHR2	1958795	CHR2:1958795	SSF x Near_LoA	-8,11747265	0,020	0,301
CHR2	1958814	CHR2:1958814	SSF x Near_LoA	-9,82756517	0,080	0,310
CHR2	1958830	CHR2:1958830	SSF x Near_LoA	-9,45923163	-0,102	0,306
CHR2	1958853	CHR2:1958853	SSF x Near_LoA	-10,81557	0,055	0,308
CHR2	1958872	CHR2:1958872	SSF x Near_LoA	-7,66485551	0,011	0,312
CHR2	1960372	CHR2:1960372	SSF x Near_LoA	-8,29269305	-0,012	0,316
CHR2	1960426	CHR2:1960426	SSF x Near_LoA	-9,96491675	0,058	0,307
CHR2	1960438	CHR2:1960438	SSF x Near_LoA	-9,76163077	-0,010	0,311
CHR2	1960899	CHR2:1960899	SSF x Near_LoA	-7,46880262	-0,181	0,273
CHR2	1960931	CHR2:1960931	SSF x Near_LoA	-10,1055583	0,064	0,314
CHR2	1973778	CHR2:1973778	SSF x Near_LoA	-9,42097447	0,078	0,308
CHR2	1973780	CHR2:1973780	SSF x Near_LoA	-7,91851261	0,103	0,319
CHR2	1973808	CHR2:1973808	SSF x Near_LoA	-7,84262315	-0,001	0,295
CHR2	1973812	CHR2:1973812	SSF x Near_LoA	-11,2638531	0,008	0,296
CHR2	1973819	CHR2:1973819	SSF x Near_LoA	-8,35208077	-0,127	0,293
CHR2	1973829	CHR2:1973829	SSF x Near_LoA	-11,0390572	-0,005	0,293
CHR2	1973836	CHR2:1973836	SSF x Near_LoA	-9,26970722	0,030	0,306
CHR2	1973839	CHR2:1973839	SSF x Near_LoA	4,1595459	-0,161	0,295
CHR2	1973863	CHR2:1973863	SSF x Near_LoA	-9,72458922	0,069	0,303
CHR2	1973903	CHR2:1973903	SSF x Near_LoA	-10,4454331	-0,040	0,308
CHR2	1973953	CHR2:1973953	SSF x Near_LoA	-6,61710471	0,135	0,323
CHR2	1973959	CHR2:1973959	SSF x Near_LoA	-8,62353164	0,138	0,310
CHR2	1973982	CHR2:1973982	SSF x Near_LoA	-11,1180592	-0,068	0,307
CHR2	1974026	CHR2:1974026	SSF x Near_LoA	-7,05904054	0,047	0,306
CHR2	1974095	CHR2:1974095	SSF x Near_LoA	-10,6278736	0,057	0,301
CHR2	1999026	CHR2:1999026	SSF x Near_LoA	-10,2930422	0,048	0,305
CHR2	1999044	CHR2:1999044	SSF x Near_LoA	-8,89066006	-0,002	0,310
CHR2	1999062	CHR2:1999062	SSF x Near_LoA	-9,77726274	-0,061	0,308
CHR2	1999065	CHR2:1999065	SSF x Near_LoA	-7,45263681	-0,028	0,318
CHR2	1999101	CHR2:1999101	SSF x Near_LoA	-11,3594834	0,053	0,309
CHR2	1999106	CHR2:1999106	SSF x Near_LoA	-7,86583476	-0,148	0,297
CHR2	200744	CHR2:200744	SSF x Near_LoA	-8,80109873	0,015	0,304
CHR2	2010635	CHR2:2010635	SSF x Near_LoA	-9,68501745	0,015	0,300
CHR2	2019509	CHR2:2019509	SSF x Near_LoA	-8,16974073	0,053	0,312
CHR2	2019511	CHR2:2019511	SSF x Near_LoA	-7,9734789	0,062	0,309
CHR2	2019635	CHR2:2019635	SSF x Near_LoA	-10,9130248	-0,031	0,296
CHR2	2029205	CHR2:2029205	SSF x Near_LoA	-9,04438131	-0,056	0,318
CHR2	2029335	CHR2:2029335	SSF x Near_LoA	-9,98402854	-0,043	0,283
CHR2	2029488	CHR2:2029488	SSF x Near_LoA	-8,53741014	0,091	0,292
CHR2	2029503	CHR2:2029503	SSF x Near_LoA	-9,59231964	0,089	0,305
CHR2	2029597	CHR2:2029597	SSF x Near_LoA	-9,43596518	0,127	0,305
CHR2	2029630	CHR2:2029630	SSF x Near_LoA	-8,39448706	-0,062	0,306

CHR2	2081482	CHR2:2081482	SSF x Near_LoA	-5,03040777	-0,041	0,306
CHR2	2081588	CHR2:2081588	SSF x Near_LoA	-9,10199041	-0,034	0,298
CHR2	2081598	CHR2:2081598	SSF x Near_LoA	-8,75583443	-0,068	0,313
CHR2	2082857	CHR2:2082857	SSF x Near_LoA	-7,97743945	-0,101	0,297
CHR2	2082889	CHR2:2082889	SSF x Near_LoA	-2,88245456	-0,101	0,309
CHR2	2083115	CHR2:2083115	SSF x Near_LoA	-9,40613742	-0,024	0,287
CHR2	2083137	CHR2:2083137	SSF x Near_LoA	-8,44151287	-0,011	0,301
CHR2	2083139	CHR2:2083139	SSF x Near_LoA	-9,07125331	-0,060	0,321
CHR2	2083140	CHR2:2083140	SSF x Near_LoA	-8,24413466	-0,028	0,303
CHR2	2083145	CHR2:2083145	SSF x Near_LoA	-11,7801019	-0,080	0,310
CHR2	2083204	CHR2:2083204	SSF x Near_LoA	-8,95157897	-0,028	0,303
CHR2	2083212	CHR2:2083212	SSF x Near_LoA	-9,49694259	0,134	0,312
CHR2	2092177	CHR2:2092177	SSF x Near_LoA	-9,55258605	0,130	0,298
CHR2	2092214	CHR2:2092214	SSF x Near_LoA	-9,41202366	0,065	0,306
CHR2	2092385	CHR2:2092385	SSF x Near_LoA	-10,8392687	0,045	0,299
CHR2	2092436	CHR2:2092436	SSF x Near_LoA	-7,28878122	0,098	0,305
CHR2	2112890	CHR2:2112890	SSF x Near_LoA	-8,88564344	-0,006	0,303
CHR2	2112924	CHR2:2112924	SSF x Near_LoA	-9,08338142	-0,001	0,318
CHR2	2112945	CHR2:2112945	SSF x Near_LoA	-8,11372868	0,016	0,303
CHR2	2112947	CHR2:2112947	SSF x Near_LoA	-8,62724669	0,010	0,309
CHR2	2112958	CHR2:2112958	SSF x Near_LoA	-7,59483481	0,051	0,316
CHR2	2112970	CHR2:2112970	SSF x Near_LoA	-9,40219806	0,004	0,320
CHR2	2112976	CHR2:2112976	SSF x Near_LoA	-9,23016866	0,048	0,295
CHR2	2112985	CHR2:2112985	SSF x Near_LoA	-8,99714196	-0,016	0,322
CHR2	2113039	CHR2:2113039	SSF x Near_LoA	-9,12433509	-0,078	0,309
CHR2	2113087	CHR2:2113087	SSF x Near_LoA	-7,6946236	-0,070	0,318
CHR2	2114955	CHR2:2114955	SSF x Near_LoA	-9,6904681	-0,052	0,305
CHR2	2124074	CHR2:2124074	SSF x Near_LoA	-8,18146665	0,103	0,304
CHR2	2124116	CHR2:2124116	SSF x Near_LoA	-11,666875	-0,037	0,321
CHR2	2134269	CHR2:2134269	SSF x Near_LoA	-10,4643363	0,005	0,306
CHR2	2134319	CHR2:2134319	SSF x Near_LoA	-10,7408319	0,080	0,292
CHR2	2134342	CHR2:2134342	SSF x Near_LoA	-9,98247574	-0,009	0,299
CHR2	2134405	CHR2:2134405	SSF x Near_LoA	-7,9367917	-0,038	0,309
CHR2	2134416	CHR2:2134416	SSF x Near_LoA	-10,2195266	0,056	0,302
CHR2	2134457	CHR2:2134457	SSF x Near_LoA	-10,9666735	-0,001	0,314
CHR2	2134459	CHR2:2134459	SSF x Near_LoA	-7,50372969	0,122	0,309
CHR2	2134470	CHR2:2134470	SSF x Near_LoA	-9,21614893	0,026	0,306
CHR2	2138811	CHR2:2138811	SSF x Near_LoA	-9,4546056	0,099	0,322
CHR2	2138876	CHR2:2138876	SSF x Near_LoA	-9,17486945	-0,154	0,304
CHR2	2138914	CHR2:2138914	SSF x Near_LoA	-9,48630921	-0,165	0,293
CHR2	2138971	CHR2:2138971	SSF x Near_LoA	-8,93876301	0,049	0,315
CHR2	2139014	CHR2:2139014	SSF x Near_LoA	-10,6682899	0,059	0,305
CHR2	2139020	CHR2:2139020	SSF x Near_LoA	-8,82736745	0,035	0,310
CHR2	2139090	CHR2:2139090	SSF x Near_LoA	-8,76798122	0,023	0,298
CHR2	2143436	CHR2:2143436	SSF x Near_LoA	-9,87075735	-0,075	0,311
CHR2	2143442	CHR2:2143442	SSF x Near_LoA	-11,111332	-0,048	0,319
CHR2	2143448	CHR2:2143448	SSF x Near_LoA	-10,7821788	-0,047	0,307
CHR2	2143488	CHR2:2143488	SSF x Near_LoA	-10,3543408	-0,087	0,303
CHR2	2143496	CHR2:2143496	SSF x Near_LoA	-7,5077211	-0,148	0,306
CHR2	2143515	CHR2:2143515	SSF x Near_LoA	-6,01951466	0,102	0,307
CHR2	2143556	CHR2:2143556	SSF x Near_LoA	-5,17390688	-0,147	0,307
CHR2	2143566	CHR2:2143566	SSF x Near_LoA	-8,84704477	-0,088	0,307
CHR2	2143598	CHR2:2143598	SSF x Near_LoA	-10,1948126	0,114	0,299

CHR2	2143604	CHR2:2143604	SSF x Near_LoA	-10,5096674	-0,078	0,313
CHR2	2143620	CHR2:2143620	SSF x Near_LoA	-7,80502004	-0,152	0,295
CHR2	2156655	CHR2:2156655	SSF x Near_LoA	-7,03849015	-0,040	0,311
CHR2	2156776	CHR2:2156776	SSF x Near_LoA	-10,0472246	0,021	0,306
CHR2	2156877	CHR2:2156877	SSF x Near_LoA	-7,50179219	0,056	0,314
CHR2	2161005	CHR2:2161005	SSF x Near_LoA	-8,07404513	-0,100	0,314
CHR2	2161108	CHR2:2161108	SSF x Near_LoA	-9,97475241	-0,082	0,310
CHR2	2174100	CHR2:2174100	SSF x Near_LoA	-6,96768587	0,057	0,314
CHR2	2174180	CHR2:2174180	SSF x Near_LoA	-12,0031641	0,024	0,297
CHR2	2176697	CHR2:2176697	SSF x Near_LoA	-11,0778208	-0,032	0,319
CHR2	2176777	CHR2:2176777	SSF x Near_LoA	-4,14234738	0,009	0,311
CHR2	2201733	CHR2:2201733	SSF x Near_LoA	-10,1013123	-0,071	0,290
CHR2	2210824	CHR2:2210824	SSF x Near_LoA	-6,0191945	-0,038	0,313
CHR2	2210826	CHR2:2210826	SSF x Near_LoA	-8,66256043	0,072	0,310
CHR2	2210930	CHR2:2210930	SSF x Near_LoA	-8,84159763	-0,001	0,305
CHR2	2210931	CHR2:2210931	SSF x Near_LoA	-10,4016037	-0,042	0,300
CHR2	2210990	CHR2:2210990	SSF x Near_LoA	-10,364886	-0,018	0,307
CHR2	2211039	CHR2:2211039	SSF x Near_LoA	-9,70940096	0,118	0,310
CHR2	2211064	CHR2:2211064	SSF x Near_LoA	-10,1355259	-0,047	0,293
CHR2	2217231	CHR2:2217231	SSF x Near_LoA	-12,1576116	-0,030	0,300
CHR2	2223074	CHR2:2223074	SSF x Near_LoA	-10,1271486	-0,031	0,317
CHR2	2223077	CHR2:2223077	SSF x Near_LoA	-8,28892673	0,050	0,300
CHR2	2223298	CHR2:2223298	SSF x Near_LoA	-10,0964375	0,056	0,308
CHR2	2223321	CHR2:2223321	SSF x Near_LoA	-7,75073473	-0,108	0,308
CHR2	2229247	CHR2:2229247	SSF x Near_LoA	-11,0191332	0,077	0,307
CHR2	2229289	CHR2:2229289	SSF x Near_LoA	-9,09261655	0,039	0,303
CHR2	2229351	CHR2:2229351	SSF x Near_LoA	-7,55705397	0,081	0,307
CHR2	2229389	CHR2:2229389	SSF x Near_LoA	-8,34570095	0,036	0,308
CHR2	2247848	CHR2:2247848	SSF x Near_LoA	-8,40644899	0,009	0,309
CHR2	2247889	CHR2:2247889	SSF x Near_LoA	-5,74311654	-0,138	0,300
CHR2	2247957	CHR2:2247957	SSF x Near_LoA	-6,31298163	-0,159	0,305
CHR2	2247975	CHR2:2247975	SSF x Near_LoA	-7,88359644	0,106	0,310
CHR2	2248046	CHR2:2248046	SSF x Near_LoA	-8,28145341	-0,015	0,303
CHR2	2273116	CHR2:2273116	SSF x Near_LoA	-10,1839148	-0,067	0,292
CHR2	2273119	CHR2:2273119	SSF x Near_LoA	-11,090063	0,069	0,314
CHR2	2273150	CHR2:2273150	SSF x Near_LoA	-10,5862937	-0,035	0,319
CHR2	2273197	CHR2:2273197	SSF x Near_LoA	-3,39751037	0,165	0,292
CHR2	2273261	CHR2:2273261	SSF x Near_LoA	-8,9749414	0,021	0,314
CHR2	2273266	CHR2:2273266	SSF x Near_LoA	-6,76220726	0,052	0,310
CHR2	2273313	CHR2:2273313	SSF x Near_LoA	-8,23524383	0,001	0,313
CHR2	2287140	CHR2:2287140	SSF x Near_LoA	-9,57974597	0,002	0,306
CHR2	2287289	CHR2:2287289	SSF x Near_LoA	-3,64304798	0,098	0,303
CHR2	2287373	CHR2:2287373	SSF x Near_LoA	-5,15514133	0,143	0,307
CHR2	2297318	CHR2:2297318	SSF x Near_LoA	-0,38389706	-0,003	0,305
CHR2	2299633	CHR2:2299633	SSF x Near_LoA	-8,83212458	0,058	0,301
CHR2	2299640	CHR2:2299640	SSF x Near_LoA	-9,19206972	0,039	0,303
CHR2	2299641	CHR2:2299641	SSF x Near_LoA	-8,89151952	0,016	0,303
CHR2	2299656	CHR2:2299656	SSF x Near_LoA	-9,11190296	0,053	0,301
CHR2	2299672	CHR2:2299672	SSF x Near_LoA	-9,43935184	0,012	0,309
CHR2	2299681	CHR2:2299681	SSF x Near_LoA	-9,45216842	-0,024	0,298
CHR2	2299685	CHR2:2299685	SSF x Near_LoA	-11,0301219	0,039	0,307
CHR2	2299697	CHR2:2299697	SSF x Near_LoA	-11,6220725	-0,020	0,291
CHR2	2312084	CHR2:2312084	SSF x Near_LoA	-8,05794564	0,095	0,301

CHR2	2312123	CHR2:2312123	SSF x Near_LoA	-10,8047291	0,007	0,316
CHR2	2312181	CHR2:2312181	SSF x Near_LoA	-9,27193277	-0,107	0,310
CHR2	2312187	CHR2:2312187	SSF x Near_LoA	-10,5857194	-0,066	0,327
CHR2	2314627	CHR2:2314627	SSF x Near_LoA	-6,70874283	0,139	0,312
CHR2	2314715	CHR2:2314715	SSF x Near_LoA	-6,73942316	0,129	0,309
CHR2	2314766	CHR2:2314766	SSF x Near_LoA	-8,93886601	-0,031	0,311
CHR2	2335953	CHR2:2335953	SSF x Near_LoA	-11,1343018	0,067	0,314
CHR2	2341149	CHR2:2341149	SSF x Near_LoA	-9,72568698	-0,109	0,305
CHR2	2341217	CHR2:2341217	SSF x Near_LoA	-8,43979182	-0,134	0,292
CHR2	2341587	CHR2:2341587	SSF x Near_LoA	-8,05716553	-0,021	0,320
CHR2	2341660	CHR2:2341660	SSF x Near_LoA	-7,87038626	0,041	0,312
CHR2	2343126	CHR2:2343126	SSF x Near_LoA	-7,2129709	-0,016	0,316
CHR2	2349818	CHR2:2349818	SSF x Near_LoA	-10,7851878	-0,011	0,299
CHR2	2349830	CHR2:2349830	SSF x Near_LoA	-5,29602208	-0,131	0,300
CHR2	2349930	CHR2:2349930	SSF x Near_LoA	-3,43014134	0,070	0,297
CHR2	2349941	CHR2:2349941	SSF x Near_LoA	-12,1701507	-0,003	0,299
CHR2	2349967	CHR2:2349967	SSF x Near_LoA	-10,9240362	-0,037	0,306
CHR2	2349991	CHR2:2349991	SSF x Near_LoA	-10,1943665	0,095	0,320
CHR2	2361190	CHR2:2361190	SSF x Near_LoA	-9,37006802	0,025	0,295
CHR2	2361282	CHR2:2361282	SSF x Near_LoA	-10,5223844	-0,043	0,306
CHR2	2361285	CHR2:2361285	SSF x Near_LoA	-10,5045021	-0,079	0,309
CHR2	2376792	CHR2:2376792	SSF x Near_LoA	-6,57069891	-0,174	0,307
CHR2	2380576	CHR2:2380576	SSF x Near_LoA	-9,09438051	-0,008	0,306
CHR2	2380582	CHR2:2380582	SSF x Near_LoA	-9,02294783	-0,032	0,315
CHR2	2380600	CHR2:2380600	SSF x Near_LoA	-10,4117231	-0,050	0,304
CHR2	2380874	CHR2:2380874	SSF x Near_LoA	-6,60165279	-0,079	0,312
CHR2	2380937	CHR2:2380937	SSF x Near_LoA	-7,3487097	-0,140	0,306
CHR2	2380963	CHR2:2380963	SSF x Near_LoA	-10,6128643	0,028	0,312
CHR2	2380980	CHR2:2380980	SSF x Near_LoA	-10,5094299	0,014	0,301
CHR2	2397657	CHR2:2397657	SSF x Near_LoA	-9,39070231	0,018	0,306
CHR2	2397898	CHR2:2397898	SSF x Near_LoA	-6,86087141	-0,093	0,298
CHR2	2409688	CHR2:2409688	SSF x Near_LoA	-11,3587468	0,044	0,314
CHR2	2411380	CHR2:2411380	SSF x Near_LoA	-10,7961457	-0,080	0,295
CHR2	2411417	CHR2:2411417	SSF x Near_LoA	-7,94786844	0,116	0,306
CHR2	2411500	CHR2:2411500	SSF x Near_LoA	-8,88905939	0,063	0,311
CHR2	2411976	CHR2:2411976	SSF x Near_LoA	-8,57920859	0,022	0,308
CHR2	2414002	CHR2:2414002	SSF x Near_LoA	-7,18093978	0,085	0,294
CHR2	2414025	CHR2:2414025	SSF x Near_LoA	-10,275464	0,071	0,295
CHR2	2414037	CHR2:2414037	SSF x Near_LoA	-5,08770772	0,121	0,306
CHR2	2414051	CHR2:2414051	SSF x Near_LoA	-12,1885366	-0,049	0,309
CHR2	2423438	CHR2:2423438	SSF x Near_LoA	-9,3828456	-0,074	0,302
CHR2	2439353	CHR2:2439353	SSF x Near_LoA	-12,5610776	0,042	0,292
CHR2	2439387	CHR2:2439387	SSF x Near_LoA	-11,3479613	0,044	0,308
CHR2	2449522	CHR2:2449522	SSF x Near_LoA	-10,5857981	0,036	0,306
CHR2	2449526	CHR2:2449526	SSF x Near_LoA	-9,40066159	-0,007	0,316
CHR2	2449637	CHR2:2449637	SSF x Near_LoA	-10,2039906	-0,055	0,319
CHR2	2546963	CHR2:2546963	SSF x Near_LoA	-9,52350755	-0,117	0,296
CHR2	2547058	CHR2:2547058	SSF x Near_LoA	-10,0743748	-0,042	0,303
CHR2	2554087	CHR2:2554087	SSF x Near_LoA	-8,89042563	0,109	0,316
CHR2	2557133	CHR2:2557133	SSF x Near_LoA	-9,35576166	-0,113	0,300
CHR2	2557134	CHR2:2557134	SSF x Near_LoA	-8,3727562	-0,148	0,298
CHR2	2557161	CHR2:2557161	SSF x Near_LoA	-10,1302488	-0,083	0,305
CHR2	2557166	CHR2:2557166	SSF x Near_LoA	-9,53059109	-0,158	0,301

CHR2	2557170	CHR2:2557170	SSF x Near_LoA	-9,10163841	-0,134	0,310
CHR2	2557179	CHR2:2557179	SSF x Near_LoA	-7,2474451	0,150	0,296
CHR2	2557185	CHR2:2557185	SSF x Near_LoA	-7,5707919	-0,027	0,312
CHR2	2557204	CHR2:2557204	SSF x Near_LoA	-9,44777115	-0,016	0,302
CHR2	2557239	CHR2:2557239	SSF x Near_LoA	-10,9133855	0,000	0,300
CHR2	2564699	CHR2:2564699	SSF x Near_LoA	-9,40342297	0,172	0,297
CHR2	2564713	CHR2:2564713	SSF x Near_LoA	-1,54183183	0,137	0,311
CHR2	2564758	CHR2:2564758	SSF x Near_LoA	-8,08220484	-0,079	0,311
CHR2	2564781	CHR2:2564781	SSF x Near_LoA	-10,0778008	0,185	0,295
CHR2	2569973	CHR2:2569973	SSF x Near_LoA	-8,62876551	0,039	0,307
CHR2	2575186	CHR2:2575186	SSF x Near_LoA	-10,3699216	0,034	0,308
CHR2	2575210	CHR2:2575210	SSF x Near_LoA	-8,4817835	-0,107	0,296
CHR2	2577145	CHR2:2577145	SSF x Near_LoA	-9,80664377	0,018	0,323
CHR2	2581857	CHR2:2581857	SSF x Near_LoA	-10,2723052	-0,081	0,292
CHR2	2589552	CHR2:2589552	SSF x Near_LoA	-9,03827911	-0,042	0,298
CHR2	2589570	CHR2:2589570	SSF x Near_LoA	-6,61711262	-0,019	0,310
CHR2	2589581	CHR2:2589581	SSF x Near_LoA	-9,22094185	-0,025	0,290
CHR2	2597814	CHR2:2597814	SSF x Near_LoA	-8,88418206	-0,096	0,302
CHR2	2603307	CHR2:2603307	SSF x Near_LoA	-8,19847031	0,030	0,322
CHR2	2605429	CHR2:2605429	SSF x Near_LoA	-2,15272857	0,096	0,301
CHR2	2607533	CHR2:2607533	SSF x Near_LoA	-6,70813403	0,157	0,297
CHR2	2607537	CHR2:2607537	SSF x Near_LoA	-6,37581794	0,163	0,294
CHR2	2607555	CHR2:2607555	SSF x Near_LoA	-4,97482318	0,154	0,308
CHR2	2607652	CHR2:2607652	SSF x Near_LoA	-10,2866962	0,016	0,298
CHR2	2614834	CHR2:2614834	SSF x Near_LoA	-10,7263959	-0,002	0,301
CHR2	2617515	CHR2:2617515	SSF x Near_LoA	-9,05840348	0,075	0,294
CHR2	2617516	CHR2:2617516	SSF x Near_LoA	-9,92187279	0,054	0,293
CHR2	2617727	CHR2:2617727	SSF x Near_LoA	-10,6712663	0,043	0,319
CHR2	2617728	CHR2:2617728	SSF x Near_LoA	-10,6765411	0,010	0,305
CHR2	2617765	CHR2:2617765	SSF x Near_LoA	-8,81164674	-0,095	0,303
CHR2	2620599	CHR2:2620599	SSF x Near_LoA	-10,0582433	-0,045	0,309
CHR2	2645130	CHR2:2645130	SSF x Near_LoA	-11,5866459	-0,067	0,303
CHR2	2645150	CHR2:2645150	SSF x Near_LoA	-8,43954533	-0,023	0,309
CHR2	2645167	CHR2:2645167	SSF x Near_LoA	-4,34865048	0,012	0,311
CHR2	2645173	CHR2:2645173	SSF x Near_LoA	-10,0374687	-0,008	0,313
CHR2	2645217	CHR2:2645217	SSF x Near_LoA	-9,05598187	-0,064	0,319
CHR2	2645235	CHR2:2645235	SSF x Near_LoA	-10,3426099	0,019	0,292
CHR2	2648565	CHR2:2648565	SSF x Near_LoA	-8,11972559	0,088	0,297
CHR2	2648566	CHR2:2648566	SSF x Near_LoA	-6,73329562	0,070	0,301
CHR2	2648567	CHR2:2648567	SSF x Near_LoA	-8,35344835	0,048	0,316
CHR2	2648568	CHR2:2648568	SSF x Near_LoA	-8,01290346	0,031	0,303
CHR2	2648569	CHR2:2648569	SSF x Near_LoA	-10,6457294	-0,008	0,311
CHR2	2658502	CHR2:2658502	SSF x Near_LoA	-9,42743776	0,106	0,302
CHR2	2658542	CHR2:2658542	SSF x Near_LoA	-9,46183364	-0,068	0,306
CHR2	2658605	CHR2:2658605	SSF x Near_LoA	-7,88043495	-0,081	0,313
CHR2	2658639	CHR2:2658639	SSF x Near_LoA	-9,3933516	-0,159	0,300
CHR2	2662070	CHR2:2662070	SSF x Near_LoA	-8,31246303	-0,081	0,297
CHR2	2662078	CHR2:2662078	SSF x Near_LoA	-7,14410393	-0,155	0,291
CHR2	2662125	CHR2:2662125	SSF x Near_LoA	-8,19071539	0,042	0,303
CHR2	2662172	CHR2:2662172	SSF x Near_LoA	-8,03281863	0,075	0,297
CHR2	2673304	CHR2:2673304	SSF x Near_LoA	-8,80745478	-0,006	0,312
CHR2	2673327	CHR2:2673327	SSF x Near_LoA	-9,40515157	-0,005	0,302
CHR2	2680243	CHR2:2680243	SSF x Near_LoA	-9,26805408	-0,014	0,303

CHR2	2680462	CHR2:2680462	SSF x Near_LoA	-8,34150734	-0,091	0,309
CHR2	2680485	CHR2:2680485	SSF x Near_LoA	-0,76235734	0,140	0,300
CHR2	2683008	CHR2:2683008	SSF x Near_LoA	-7,2036361	-0,009	0,324
CHR2	2684837	CHR2:2684837	SSF x Near_LoA	-11,8865337	0,037	0,292
CHR2	2684960	CHR2:2684960	SSF x Near_LoA	-10,308505	0,032	0,307
CHR2	2701190	CHR2:2701190	SSF x Near_LoA	-10,10045	0,061	0,300
CHR2	2701226	CHR2:2701226	SSF x Near_LoA	-7,15213539	0,021	0,302
CHR2	2703586	CHR2:2703586	SSF x Near_LoA	-5,08969792	0,174	0,300
CHR2	2703604	CHR2:2703604	SSF x Near_LoA	-8,26702813	0,147	0,306
CHR2	2703608	CHR2:2703608	SSF x Near_LoA	-4,22298933	0,124	0,298
CHR2	2703611	CHR2:2703611	SSF x Near_LoA	-6,92985753	0,161	0,302
CHR2	2703623	CHR2:2703623	SSF x Near_LoA	-2,23992021	0,005	0,308
CHR2	2703649	CHR2:2703649	SSF x Near_LoA	-9,93910346	0,041	0,307
CHR2	2703656	CHR2:2703656	SSF x Near_LoA	-11,0260148	0,107	0,293
CHR2	2703704	CHR2:2703704	SSF x Near_LoA	-8,64004547	0,041	0,317
CHR2	2707889	CHR2:2707889	SSF x Near_LoA	-9,41294273	-0,061	0,302
CHR2	2707916	CHR2:2707916	SSF x Near_LoA	-7,9820367	0,075	0,309
CHR2	2708005	CHR2:2708005	SSF x Near_LoA	-10,8524596	-0,059	0,309
CHR2	2708080	CHR2:2708080	SSF x Near_LoA	-10,1032778	0,011	0,308
CHR2	2720186	CHR2:2720186	SSF x Near_LoA	-8,67441512	-0,054	0,318
CHR2	2720442	CHR2:2720442	SSF x Near_LoA	-10,5930078	-0,022	0,316
CHR2	2720554	CHR2:2720554	SSF x Near_LoA	-10,3573552	0,007	0,315
CHR2	2720568	CHR2:2720568	SSF x Near_LoA	-8,88094671	-0,007	0,299
CHR2	2724516	CHR2:2724516	SSF x Near_LoA	-9,87206225	0,050	0,304
CHR2	2724520	CHR2:2724520	SSF x Near_LoA	-10,2016486	-0,042	0,307
CHR2	2724575	CHR2:2724575	SSF x Near_LoA	-9,19903026	-0,087	0,307
CHR2	2727390	CHR2:2727390	SSF x Near_LoA	-8,52717334	-0,061	0,297
CHR2	2727399	CHR2:2727399	SSF x Near_LoA	-8,80542353	0,069	0,298
CHR2	2727426	CHR2:2727426	SSF x Near_LoA	-8,00592017	0,114	0,319
CHR2	2727498	CHR2:2727498	SSF x Near_LoA	-7,01472393	-0,096	0,300
CHR2	2727547	CHR2:2727547	SSF x Near_LoA	-9,3380443	-0,087	0,306
CHR2	2727604	CHR2:2727604	SSF x Near_LoA	-8,1504072	-0,087	0,299
CHR2	2729207	CHR2:2729207	SSF x Near_LoA	-8,1290001	0,052	0,316
CHR2	2736201	CHR2:2736201	SSF x Near_LoA	-9,76494332	-0,013	0,316
CHR2	2736235	CHR2:2736235	SSF x Near_LoA	-10,7056787	0,013	0,301
CHR2	2739294	CHR2:2739294	SSF x Near_LoA	-9,95256775	0,007	0,305
CHR2	2739339	CHR2:2739339	SSF x Near_LoA	-9,40558582	0,025	0,292
CHR2	2739510	CHR2:2739510	SSF x Near_LoA	-10,0829024	-0,062	0,308
CHR2	2751071	CHR2:2751071	SSF x Near_LoA	-8,04388406	-0,005	0,310
CHR2	2751111	CHR2:2751111	SSF x Near_LoA	-8,8766568	0,003	0,307
CHR2	2754640	CHR2:2754640	SSF x Near_LoA	-8,39520947	0,095	0,303
CHR2	2760230	CHR2:2760230	SSF x Near_LoA	-9,37168811	-0,086	0,290
CHR2	2760328	CHR2:2760328	SSF x Near_LoA	-9,36688988	0,077	0,307
CHR2	2763034	CHR2:2763034	SSF x Near_LoA	-7,96865899	0,053	0,321
CHR2	2763055	CHR2:2763055	SSF x Near_LoA	-8,99542305	-0,062	0,297
CHR2	2768225	CHR2:2768225	SSF x Near_LoA	-8,54007044	0,137	0,302
CHR2	2768234	CHR2:2768234	SSF x Near_LoA	-6,55054114	0,023	0,305
CHR2	2768379	CHR2:2768379	SSF x Near_LoA	-9,81699732	-0,141	0,303
CHR2	2776900	CHR2:2776900	SSF x Near_LoA	-10,2888897	-0,011	0,311
CHR2	2776926	CHR2:2776926	SSF x Near_LoA	-6,9514264	-0,017	0,303
CHR2	2776937	CHR2:2776937	SSF x Near_LoA	-11,4176182	0,020	0,299
CHR2	2800742	CHR2:2800742	SSF x Near_LoA	-9,23021983	0,006	0,306
CHR2	2800795	CHR2:2800795	SSF x Near_LoA	-10,3853163	0,025	0,301

CHR2	2815815	CHR2:2815815	SSF x Near_LoA	-8,85641221	0,069	0,304
CHR2	2815885	CHR2:2815885	SSF x Near_LoA	-8,72367644	0,102	0,305
CHR2	2815951	CHR2:2815951	SSF x Near_LoA	-6,8385359	-0,129	0,319
CHR2	2820520	CHR2:2820520	SSF x Near_LoA	-9,25026143	-0,081	0,309
CHR2	2824560	CHR2:2824560	SSF x Near_LoA	-6,96993887	-0,093	0,301
CHR2	2824604	CHR2:2824604	SSF x Near_LoA	-8,45770738	-0,084	0,304
CHR2	2824677	CHR2:2824677	SSF x Near_LoA	-10,6996391	-0,024	0,307
CHR2	2824678	CHR2:2824678	SSF x Near_LoA	-10,8447632	-0,027	0,311
CHR2	2849262	CHR2:2849262	SSF x Near_LoA	-5,84937005	0,188	0,288
CHR2	2851126	CHR2:2851126	SSF x Near_LoA	-8,25405444	0,013	0,322
CHR2	2851138	CHR2:2851138	SSF x Near_LoA	-11,305044	-0,042	0,297
CHR2	2851139	CHR2:2851139	SSF x Near_LoA	-8,44778964	0,027	0,310
CHR2	2854376	CHR2:2854376	SSF x Near_LoA	-9,18445252	-0,124	0,301
CHR2	2854399	CHR2:2854399	SSF x Near_LoA	-5,41020141	-0,126	0,305
CHR2	2860355	CHR2:2860355	SSF x Near_LoA	-9,99535674	0,117	0,302
CHR2	2868431	CHR2:2868431	SSF x Near_LoA	-9,34365978	0,013	0,317
CHR2	2886755	CHR2:2886755	SSF x Near_LoA	-12,2150949	0,041	0,301
CHR2	2896222	CHR2:2896222	SSF x Near_LoA	-7,65159065	-0,025	0,319
CHR2	2896224	CHR2:2896224	SSF x Near_LoA	-6,87335188	-0,002	0,313
CHR2	2897476	CHR2:2897476	SSF x Near_LoA	-11,5952115	-0,027	0,298
CHR2	2910748	CHR2:2910748	SSF x Near_LoA	-10,2480839	0,128	0,304
CHR2	2912241	CHR2:2912241	SSF x Near_LoA	-10,0304374	0,128	0,296
CHR2	2912274	CHR2:2912274	SSF x Near_LoA	-11,8823121	-0,023	0,296
CHR2	2913449	CHR2:2913449	SSF x Near_LoA	-11,319331	0,081	0,306
CHR2	2922550	CHR2:2922550	SSF x Near_LoA	-11,1573336	-0,087	0,300
CHR2	2922584	CHR2:2922584	SSF x Near_LoA	-8,66999261	-0,152	0,307
CHR2	2922606	CHR2:2922606	SSF x Near_LoA	-5,99987125	0,130	0,294
CHR2	2925264	CHR2:2925264	SSF x Near_LoA	-4,56747305	0,005	0,300
CHR2	2925319	CHR2:2925319	SSF x Near_LoA	-8,54219923	-0,058	0,316
CHR2	2927031	CHR2:2927031	SSF x Near_LoA	-10,7018265	0,010	0,298
CHR2	2934174	CHR2:2934174	SSF x Near_LoA	-9,05549623	0,021	0,319
CHR2	2934227	CHR2:2934227	SSF x Near_LoA	-8,72312176	-0,012	0,313
CHR2	2934248	CHR2:2934248	SSF x Near_LoA	-8,27648932	-0,005	0,321
CHR2	2934284	CHR2:2934284	SSF x Near_LoA	-5,81317279	-0,073	0,302
CHR2	2934331	CHR2:2934331	SSF x Near_LoA	-4,14526623	-0,121	0,290
CHR2	2934383	CHR2:2934383	SSF x Near_LoA	-9,42129576	-0,021	0,297
CHR2	2934392	CHR2:2934392	SSF x Near_LoA	-10,4666596	-0,027	0,292
CHR2	2936182	CHR2:2936182	SSF x Near_LoA	-9,05594125	-0,086	0,302
CHR2	2936302	CHR2:2936302	SSF x Near_LoA	-10,8027182	0,081	0,293
CHR2	2936339	CHR2:2936339	SSF x Near_LoA	-9,89221999	0,104	0,308
CHR2	2936347	CHR2:2936347	SSF x Near_LoA	-5,31092726	0,120	0,309
CHR2	2936427	CHR2:2936427	SSF x Near_LoA	-9,92346211	-0,075	0,310
CHR2	2941240	CHR2:2941240	SSF x Near_LoA	-10,9340209	-0,116	0,307
CHR2	2941308	CHR2:2941308	SSF x Near_LoA	-10,6049947	0,082	0,305
CHR2	2941323	CHR2:2941323	SSF x Near_LoA	-11,4260586	0,042	0,306
CHR2	2941361	CHR2:2941361	SSF x Near_LoA	-7,85947128	0,017	0,319
CHR2	2941498	CHR2:2941498	SSF x Near_LoA	-6,45619618	-0,105	0,293
CHR2	2952000	CHR2:2952000	SSF x Near_LoA	-6,69079828	0,075	0,302
CHR2	2952050	CHR2:2952050	SSF x Near_LoA	-8,46560526	-0,020	0,292
CHR2	2952055	CHR2:2952055	SSF x Near_LoA	-11,6655434	0,031	0,306
CHR2	2982305	CHR2:2982305	SSF x Near_LoA	-9,24919293	0,069	0,313
CHR2	2982617	CHR2:2982617	SSF x Near_LoA	-10,0116223	0,006	0,311
CHR2	2985543	CHR2:2985543	SSF x Near_LoA	-8,58126649	0,020	0,320

CHR2	2985570	CHR2:2985570	SSF x Near_LoA	-8,9478653	0,088	0,302
CHR2	2985599	CHR2:2985599	SSF x Near_LoA	-6,57883689	0,095	0,311
CHR2	2989757	CHR2:2989757	SSF x Near_LoA	-9,93946963	-0,075	0,304
CHR2	2989782	CHR2:2989782	SSF x Near_LoA	-8,31665319	0,011	0,298
CHR2	2989833	CHR2:2989833	SSF x Near_LoA	-9,20468074	-0,052	0,311
CHR2	2997156	CHR2:2997156	SSF x Near_LoA	-9,40663883	0,006	0,314
CHR2	2997162	CHR2:2997162	SSF x Near_LoA	-9,32096043	0,004	0,313
CHR2	2998789	CHR2:2998789	SSF x Near_LoA	-6,82544434	-0,154	0,295
CHR2	2998850	CHR2:2998850	SSF x Near_LoA	-6,28211553	-0,094	0,302
CHR2	2998855	CHR2:2998855	SSF x Near_LoA	-8,7845392	0,102	0,291
CHR2	3000828	CHR2:3000828	SSF x Near_LoA	-5,59761697	0,109	0,311
CHR2	3024870	CHR2:3024870	SSF x Near_LoA	-9,74354595	0,183	0,296
CHR2	3027539	CHR2:3027539	SSF x Near_LoA	-12,0420599	0,070	0,301
CHR2	3059398	CHR2:3059398	SSF x Near_LoA	-10,7279313	-0,042	0,298
CHR2	3061055	CHR2:3061055	SSF x Near_LoA	-7,94814624	-0,137	0,292
CHR2	3061218	CHR2:3061218	SSF x Near_LoA	-8,98209495	-0,012	0,313
CHR2	3067964	CHR2:3067964	SSF x Near_LoA	-10,0060672	-0,068	0,309
CHR2	3073017	CHR2:3073017	SSF x Near_LoA	-9,71706156	0,074	0,305
CHR2	3085489	CHR2:3085489	SSF x Near_LoA	-9,58571992	-0,021	0,299
CHR2	3085642	CHR2:3085642	SSF x Near_LoA	-9,17103185	-0,025	0,306
CHR2	3099291	CHR2:3099291	SSF x Near_LoA	-9,19721106	-0,029	0,305
CHR2	3136403	CHR2:3136403	SSF x Near_LoA	-2,00345382	-0,077	0,302
CHR2	3139009	CHR2:3139009	SSF x Near_LoA	-10,6493186	0,016	0,315
CHR2	3139225	CHR2:3139225	SSF x Near_LoA	-9,72547063	-0,005	0,308
CHR2	3151925	CHR2:3151925	SSF x Near_LoA	-10,1969622	-0,089	0,320
CHR2	3166032	CHR2:3166032	SSF x Near_LoA	-10,3613209	0,127	0,304
CHR2	3173423	CHR2:3173423	SSF x Near_LoA	-7,89792756	-0,119	0,297
CHR2	3173444	CHR2:3173444	SSF x Near_LoA	-9,65653517	-0,034	0,302
CHR2	3180061	CHR2:3180061	SSF x Near_LoA	-10,3978454	-0,117	0,308
CHR2	3181191	CHR2:3181191	SSF x Near_LoA	-9,72502674	0,008	0,296
CHR2	3181242	CHR2:3181242	SSF x Near_LoA	-11,3414085	0,005	0,304
CHR2	3186269	CHR2:3186269	SSF x Near_LoA	-9,63701605	0,010	0,308
CHR2	3186446	CHR2:3186446	SSF x Near_LoA	-9,02014835	-0,100	0,308
CHR2	3189621	CHR2:3189621	SSF x Near_LoA	-7,27291559	0,128	0,313
CHR2	3206058	CHR2:3206058	SSF x Near_LoA	-6,05038477	-0,044	0,316
CHR2	3210446	CHR2:3210446	SSF x Near_LoA	-1,70557482	0,081	0,294
CHR2	3216337	CHR2:3216337	SSF x Near_LoA	-8,95051196	-0,089	0,302
CHR2	3231188	CHR2:3231188	SSF x Near_LoA	-8,90200725	-0,027	0,317
CHR2	3238183	CHR2:3238183	SSF x Near_LoA	-11,0217402	0,050	0,316
CHR2	3238361	CHR2:3238361	SSF x Near_LoA	-8,39187074	0,063	0,296
CHR2	3241246	CHR2:3241246	SSF x Near_LoA	-8,63867232	0,078	0,301
CHR2	3242427	CHR2:3242427	SSF x Near_LoA	-9,01907428	-0,065	0,298
CHR2	3250583	CHR2:3250583	SSF x Near_LoA	-10,4812424	0,005	0,308
CHR2	3250589	CHR2:3250589	SSF x Near_LoA	-8,43814368	0,014	0,313
CHR2	3257208	CHR2:3257208	SSF x Near_LoA	-9,40428686	-0,062	0,312
CHR2	3257264	CHR2:3257264	SSF x Near_LoA	-8,56921136	-0,091	0,311
CHR2	3258951	CHR2:3258951	SSF x Near_LoA	-9,34704871	-0,005	0,301
CHR2	3301844	CHR2:3301844	SSF x Near_LoA	-10,4930862	-0,004	0,311
CHR2	3304413	CHR2:3304413	SSF x Near_LoA	-8,94894965	0,013	0,318
CHR2	3304605	CHR2:3304605	SSF x Near_LoA	-10,6413832	0,007	0,307
CHR2	3304643	CHR2:3304643	SSF x Near_LoA	-10,618681	-0,030	0,311
CHR2	3313315	CHR2:3313315	SSF x Near_LoA	-4,43557459	-0,128	0,309
CHR2	3313323	CHR2:3313323	SSF x Near_LoA	-7,0812781	-0,119	0,316

CHR2	3313325	CHR2:3313325	SSF x Near_LoA	-5,52942633	-0,141	0,311
CHR2	3313330	CHR2:3313330	SSF x Near_LoA	-6,76892991	-0,135	0,309
CHR2	3313333	CHR2:3313333	SSF x Near_LoA	-6,17331988	-0,115	0,304
CHR2	3313342	CHR2:3313342	SSF x Near_LoA	-4,7996166	-0,101	0,310
CHR2	3313357	CHR2:3313357	SSF x Near_LoA	-10,9745359	-0,126	0,300
CHR2	3313358	CHR2:3313358	SSF x Near_LoA	-6,99235	-0,141	0,307
CHR2	3313374	CHR2:3313374	SSF x Near_LoA	-8,92647444	0,027	0,311
CHR2	3322625	CHR2:3322625	SSF x Near_LoA	-10,2622497	-0,020	0,313
CHR2	3328151	CHR2:3328151	SSF x Near_LoA	-10,3089416	0,006	0,311
CHR2	3329538	CHR2:3329538	SSF x Near_LoA	-9,85346205	0,081	0,296
CHR2	3332648	CHR2:3332648	SSF x Near_LoA	-9,26572423	0,110	0,295
CHR2	3346839	CHR2:3346839	SSF x Near_LoA	-8,54474054	0,107	0,305
CHR2	3348998	CHR2:3348998	SSF x Near_LoA	-9,64629169	0,077	0,307
CHR2	3379250	CHR2:3379250	SSF x Near_LoA	-5,95895448	-0,127	0,290
CHR2	3379348	CHR2:3379348	SSF x Near_LoA	-7,60416907	0,021	0,313
CHR2	3380494	CHR2:3380494	SSF x Near_LoA	-9,0505831	-0,040	0,304
CHR2	3380639	CHR2:3380639	SSF x Near_LoA	-10,1540814	0,036	0,323
CHR2	3402805	CHR2:3402805	SSF x Near_LoA	-9,4491841	0,067	0,311
CHR2	3402894	CHR2:3402894	SSF x Near_LoA	-9,01823263	0,051	0,302
CHR2	3413786	CHR2:3413786	SSF x Near_LoA	-10,0639629	0,009	0,316
CHR2	3436549	CHR2:3436549	SSF x Near_LoA	-8,55852011	-0,023	0,310
CHR2	3439712	CHR2:3439712	SSF x Near_LoA	-9,07962604	-0,162	0,307
CHR2	3441634	CHR2:3441634	SSF x Near_LoA	-6,41700485	0,011	0,305
CHR2	3444114	CHR2:3444114	SSF x Near_LoA	-7,63874936	-0,145	0,299
CHR2	3444121	CHR2:3444121	SSF x Near_LoA	-10,4795941	-0,005	0,302
CHR2	3444132	CHR2:3444132	SSF x Near_LoA	-6,97607203	0,035	0,315
CHR2	3444141	CHR2:3444141	SSF x Near_LoA	-6,53587724	0,051	0,314
CHR2	3444163	CHR2:3444163	SSF x Near_LoA	-8,17455403	-0,036	0,309
CHR2	3444190	CHR2:3444190	SSF x Near_LoA	-4,18769758	-0,087	0,308
CHR2	3444274	CHR2:3444274	SSF x Near_LoA	-6,25102988	-0,112	0,313
CHR2	3444290	CHR2:3444290	SSF x Near_LoA	-9,7427268	0,034	0,305
CHR2	3444292	CHR2:3444292	SSF x Near_LoA	-8,24779436	0,058	0,309
CHR2	3448602	CHR2:3448602	SSF x Near_LoA	-9,30455566	0,000	0,323
CHR2	3448667	CHR2:3448667	SSF x Near_LoA	-6,61418511	0,088	0,315
CHR2	3452191	CHR2:3452191	SSF x Near_LoA	-6,20853019	-0,121	0,299
CHR2	3469916	CHR2:3469916	SSF x Near_LoA	-10,5597956	-0,061	0,310
CHR2	3471836	CHR2:3471836	SSF x Near_LoA	-9,99121175	0,125	0,301
CHR2	3471852	CHR2:3471852	SSF x Near_LoA	-11,9584634	-0,002	0,305
CHR2	3477414	CHR2:3477414	SSF x Near_LoA	-8,62837804	-0,028	0,314
CHR2	3477530	CHR2:3477530	SSF x Near_LoA	-11,2986599	-0,036	0,306
CHR2	3477550	CHR2:3477550	SSF x Near_LoA	-8,88819899	0,074	0,316
CHR2	3477601	CHR2:3477601	SSF x Near_LoA	-7,72246233	-0,034	0,318
CHR2	3477612	CHR2:3477612	SSF x Near_LoA	-3,1440722	0,044	0,326
CHR2	3487951	CHR2:3487951	SSF x Near_LoA	-11,8696271	-0,015	0,289
CHR2	3487981	CHR2:3487981	SSF x Near_LoA	-9,17083537	0,115	0,292
CHR2	3488013	CHR2:3488013	SSF x Near_LoA	-11,0382715	-0,007	0,299
CHR2	3488129	CHR2:3488129	SSF x Near_LoA	-10,4634549	-0,027	0,313
CHR2	3488145	CHR2:3488145	SSF x Near_LoA	-8,12438969	-0,052	0,317
CHR2	3488183	CHR2:3488183	SSF x Near_LoA	-11,2949866	0,116	0,299
CHR2	3493880	CHR2:3493880	SSF x Near_LoA	-10,4203437	-0,015	0,312
CHR2	3493961	CHR2:3493961	SSF x Near_LoA	-7,96219303	0,020	0,317
CHR2	3495358	CHR2:3495358	SSF x Near_LoA	-11,3304637	0,067	0,308
CHR2	3495392	CHR2:3495392	SSF x Near_LoA	-9,36147785	0,022	0,299

CHR2	3495425	CHR2:3495425	SSF x Near_LoA	-9,70142885	0,012	0,313
CHR2	3495433	CHR2:3495433	SSF x Near_LoA	-11,0505231	0,042	0,299
CHR2	3511826	CHR2:3511826	SSF x Near_LoA	-8,95134207	-0,043	0,304
CHR2	3522749	CHR2:3522749	SSF x Near_LoA	-8,40120057	-0,076	0,313
CHR2	3522756	CHR2:3522756	SSF x Near_LoA	-10,0318098	-0,038	0,315
CHR2	3522800	CHR2:3522800	SSF x Near_LoA	-9,02633847	-0,065	0,308
CHR2	3522803	CHR2:3522803	SSF x Near_LoA	-9,24177517	0,079	0,299
CHR2	3522825	CHR2:3522825	SSF x Near_LoA	-8,85008666	-0,058	0,305
CHR2	3528813	CHR2:3528813	SSF x Near_LoA	-5,54979599	0,116	0,305
CHR2	3528910	CHR2:3528910	SSF x Near_LoA	-6,45560972	-0,155	0,310
CHR2	3528969	CHR2:3528969	SSF x Near_LoA	-9,63210602	0,008	0,299
CHR2	3538011	CHR2:3538011	SSF x Near_LoA	-9,45273351	-0,063	0,312
CHR2	3538265	CHR2:3538265	SSF x Near_LoA	-7,85673857	0,094	0,304
CHR2	3553778	CHR2:3553778	SSF x Near_LoA	-7,97999182	-0,086	0,290
CHR2	3556549	CHR2:3556549	SSF x Near_LoA	-12,1381354	0,059	0,299
CHR2	3576652	CHR2:3576652	SSF x Near_LoA	-8,56556709	-0,077	0,303
CHR2	3606233	CHR2:3606233	SSF x Near_LoA	-8,51619177	0,019	0,302
CHR2	3616273	CHR2:3616273	SSF x Near_LoA	-10,4660133	0,051	0,313
CHR2	3616750	CHR2:3616750	SSF x Near_LoA	-4,79528181	0,135	0,323
CHR2	3616785	CHR2:3616785	SSF x Near_LoA	-7,26063421	0,072	0,314
CHR2	3616788	CHR2:3616788	SSF x Near_LoA	-7,62623008	-0,077	0,307
CHR2	3616794	CHR2:3616794	SSF x Near_LoA	-1,5495861	0,192	0,300
CHR2	3616816	CHR2:3616816	SSF x Near_LoA	-10,0343668	0,010	0,311
CHR2	3627652	CHR2:3627652	SSF x Near_LoA	-10,1342047	0,071	0,310
CHR2	3627678	CHR2:3627678	SSF x Near_LoA	-9,89632876	-0,006	0,320
CHR2	3627697	CHR2:3627697	SSF x Near_LoA	-11,1330014	0,039	0,305
CHR2	3627704	CHR2:3627704	SSF x Near_LoA	-10,9364127	-0,001	0,310
CHR2	3627736	CHR2:3627736	SSF x Near_LoA	-11,0669258	-0,048	0,315
CHR2	3685511	CHR2:3685511	SSF x Near_LoA	-9,14614726	0,062	0,318
CHR2	3685563	CHR2:3685563	SSF x Near_LoA	-7,67510019	0,059	0,310
CHR2	3685607	CHR2:3685607	SSF x Near_LoA	-4,34460679	0,156	0,302
CHR2	3688640	CHR2:3688640	SSF x Near_LoA	-7,82307243	-0,093	0,321
CHR2	3688877	CHR2:3688877	SSF x Near_LoA	-9,45100116	-0,069	0,320
CHR2	3693815	CHR2:3693815	SSF x Near_LoA	-7,36882429	0,043	0,310
CHR2	3693816	CHR2:3693816	SSF x Near_LoA	-4,55452052	0,042	0,310
CHR2	3696467	CHR2:3696467	SSF x Near_LoA	-11,3817504	-0,031	0,299
CHR2	3713133	CHR2:3713133	SSF x Near_LoA	-9,46295139	-0,023	0,295
CHR2	3713151	CHR2:3713151	SSF x Near_LoA	-9,16662512	-0,035	0,301
CHR2	3721717	CHR2:3721717	SSF x Near_LoA	-6,07245138	-0,013	0,319
CHR2	3721798	CHR2:3721798	SSF x Near_LoA	-9,22084399	0,002	0,305
CHR2	3728346	CHR2:3728346	SSF x Near_LoA	-8,38011693	0,144	0,308
CHR2	3730417	CHR2:3730417	SSF x Near_LoA	-8,50686704	0,031	0,305
CHR2	3741907	CHR2:3741907	SSF x Near_LoA	-8,79760749	-0,025	0,316
CHR2	3744031	CHR2:3744031	SSF x Near_LoA	-8,03363171	0,005	0,313
CHR2	3744125	CHR2:3744125	SSF x Near_LoA	-9,53566468	-0,044	0,307
CHR2	3744156	CHR2:3744156	SSF x Near_LoA	-8,18234549	0,037	0,304
CHR2	3771900	CHR2:3771900	SSF x Near_LoA	-9,64881674	-0,048	0,298
CHR2	3771921	CHR2:3771921	SSF x Near_LoA	-9,37843098	-0,054	0,310
CHR2	3771939	CHR2:3771939	SSF x Near_LoA	-11,3969828	-0,039	0,311
CHR2	3771978	CHR2:3771978	SSF x Near_LoA	-11,4211549	-0,055	0,299
CHR2	3772044	CHR2:3772044	SSF x Near_LoA	-8,73531663	0,020	0,306
CHR2	3772045	CHR2:3772045	SSF x Near_LoA	-9,1217152	0,016	0,288
CHR2	3772050	CHR2:3772050	SSF x Near_LoA	-5,43306684	0,032	0,288

CHR2	3772062	CHR2:3772062	SSF x Near_LoA	-8,93779055	0,046	0,293
CHR2	3786302	CHR2:3786302	SSF x Near_LoA	-8,92112118	-0,019	0,309
CHR2	3786303	CHR2:3786303	SSF x Near_LoA	-8,54991823	0,016	0,324
CHR2	3786596	CHR2:3786596	SSF x Near_LoA	-8,97658506	-0,046	0,312
CHR2	3798892	CHR2:3798892	SSF x Near_LoA	-7,9250751	-0,102	0,298
CHR2	3798904	CHR2:3798904	SSF x Near_LoA	-8,18167196	-0,066	0,290
CHR2	3798916	CHR2:3798916	SSF x Near_LoA	-7,59051154	-0,080	0,292
CHR2	3798929	CHR2:3798929	SSF x Near_LoA	-8,05701245	-0,094	0,301
CHR2	3798937	CHR2:3798937	SSF x Near_LoA	-9,80091028	-0,072	0,317
CHR2	3798939	CHR2:3798939	SSF x Near_LoA	-7,51345842	-0,103	0,301
CHR2	3798947	CHR2:3798947	SSF x Near_LoA	-6,18873099	-0,090	0,299
CHR2	3798975	CHR2:3798975	SSF x Near_LoA	-8,17794225	-0,099	0,291
CHR2	3799001	CHR2:3799001	SSF x Near_LoA	-5,78448524	-0,128	0,303
CHR2	3799002	CHR2:3799002	SSF x Near_LoA	-9,61854655	-0,114	0,305
CHR2	3799007	CHR2:3799007	SSF x Near_LoA	-9,30145753	0,003	0,299
CHR2	3799013	CHR2:3799013	SSF x Near_LoA	-8,28919624	0,003	0,297
CHR2	3799019	CHR2:3799019	SSF x Near_LoA	-9,92138292	-0,130	0,301
CHR2	3799364	CHR2:3799364	SSF x Near_LoA	-5,9233639	-0,183	0,288
CHR2	3799365	CHR2:3799365	SSF x Near_LoA	-6,59841201	0,036	0,305
CHR2	3799368	CHR2:3799368	SSF x Near_LoA	-7,55474919	0,069	0,308
CHR2	3799399	CHR2:3799399	SSF x Near_LoA	-6,28497034	-0,185	0,290
CHR2	3799416	CHR2:3799416	SSF x Near_LoA	-8,32298189	0,066	0,300
CHR2	3799417	CHR2:3799417	SSF x Near_LoA	-9,02009116	0,098	0,287
CHR2	3799424	CHR2:3799424	SSF x Near_LoA	-5,52086277	0,072	0,306
CHR2	3799465	CHR2:3799465	SSF x Near_LoA	-9,55353557	0,028	0,302
CHR2	380053	CHR2:380053	SSF x Near_LoA	-9,52350952	0,045	0,306
CHR2	3801607	CHR2:3801607	SSF x Near_LoA	-2,82020062	-0,029	0,314
CHR2	3801668	CHR2:3801668	SSF x Near_LoA	-7,81549625	0,011	0,311
CHR2	3803816	CHR2:3803816	SSF x Near_LoA	-5,43432089	-0,069	0,312
CHR2	3806537	CHR2:3806537	SSF x Near_LoA	-9,12666525	0,102	0,321
CHR2	3833323	CHR2:3833323	SSF x Near_LoA	-11,7131325	0,055	0,311
CHR2	3833329	CHR2:3833329	SSF x Near_LoA	-8,30885153	0,018	0,320
CHR2	3833357	CHR2:3833357	SSF x Near_LoA	-10,4030629	0,024	0,306
CHR2	3843066	CHR2:3843066	SSF x Near_LoA	-7,0760547	0,053	0,302
CHR2	3843147	CHR2:3843147	SSF x Near_LoA	-7,39837435	0,154	0,299
CHR2	3843280	CHR2:3843280	SSF x Near_LoA	-7,42610966	0,129	0,297
CHR2	3848835	CHR2:3848835	SSF x Near_LoA	-6,22606748	-0,131	0,306
CHR2	3848836	CHR2:3848836	SSF x Near_LoA	-8,51287241	-0,115	0,300
CHR2	3848863	CHR2:3848863	SSF x Near_LoA	-2,02175544	-0,090	0,300
CHR2	3848881	CHR2:3848881	SSF x Near_LoA	-10,0447618	-0,005	0,315
CHR2	3848951	CHR2:3848951	SSF x Near_LoA	-9,020843	-0,025	0,311
CHR2	3848967	CHR2:3848967	SSF x Near_LoA	-9,77453035	-0,103	0,311
CHR2	3848969	CHR2:3848969	SSF x Near_LoA	-7,90204591	-0,042	0,301
CHR2	3848971	CHR2:3848971	SSF x Near_LoA	-7,49668282	-0,020	0,304
CHR2	3853129	CHR2:3853129	SSF x Near_LoA	-11,559154	-0,017	0,302
CHR2	3857288	CHR2:3857288	SSF x Near_LoA	-10,0761003	-0,099	0,307
CHR2	3857392	CHR2:3857392	SSF x Near_LoA	-11,4409889	0,059	0,301
CHR2	3857416	CHR2:3857416	SSF x Near_LoA	-10,7598962	-0,068	0,308
CHR2	3864011	CHR2:3864011	SSF x Near_LoA	-9,71467151	-0,043	0,295
CHR2	3864093	CHR2:3864093	SSF x Near_LoA	-10,2408919	0,046	0,313
CHR2	3864171	CHR2:3864171	SSF x Near_LoA	-10,1606952	-0,120	0,305
CHR2	3866168	CHR2:3866168	SSF x Near_LoA	-8,52006293	0,055	0,312
CHR2	3868827	CHR2:3868827	SSF x Near_LoA	-8,87221397	0,116	0,299

CHR2	3868828	CHR2:3868828	SSF x Near_LoA	-9,24165571	0,111	0,309
CHR2	3878727	CHR2:3878727	SSF x Near_LoA	-8,20135279	-0,079	0,311
CHR2	3878761	CHR2:3878761	SSF x Near_LoA	-11,1029423	-0,083	0,301
CHR2	3878764	CHR2:3878764	SSF x Near_LoA	-8,55850844	0,076	0,309
CHR2	3878840	CHR2:3878840	SSF x Near_LoA	-9,40631844	0,099	0,299
CHR2	3878933	CHR2:3878933	SSF x Near_LoA	-11,6170514	0,020	0,318
CHR2	3888620	CHR2:3888620	SSF x Near_LoA	-8,67784842	0,121	0,295
CHR2	3888647	CHR2:3888647	SSF x Near_LoA	-10,4011254	-0,003	0,317
CHR2	3888665	CHR2:3888665	SSF x Near_LoA	-10,7847313	-0,070	0,314
CHR2	3888703	CHR2:3888703	SSF x Near_LoA	-10,9931303	-0,040	0,314
CHR2	3902280	CHR2:3902280	SSF x Near_LoA	-10,3773098	-0,043	0,296
CHR2	3902467	CHR2:3902467	SSF x Near_LoA	-6,88637363	0,068	0,323
CHR2	390288	CHR2:390288	SSF x Near_LoA	-8,88643768	-0,014	0,302
CHR2	3909987	CHR2:3909987	SSF x Near_LoA	-6,96522964	-0,070	0,313
CHR2	3910147	CHR2:3910147	SSF x Near_LoA	-9,18120313	-0,003	0,320
CHR2	3910198	CHR2:3910198	SSF x Near_LoA	-8,40910019	0,127	0,307
CHR2	3915468	CHR2:3915468	SSF x Near_LoA	-9,38738623	-0,056	0,313
CHR2	3915475	CHR2:3915475	SSF x Near_LoA	-8,07269759	0,150	0,307
CHR2	3920232	CHR2:3920232	SSF x Near_LoA	-9,57091363	0,139	0,286
CHR2	3924816	CHR2:3924816	SSF x Near_LoA	-6,58106248	0,183	0,289
CHR2	3924862	CHR2:3924862	SSF x Near_LoA	-9,85786619	0,106	0,297
CHR2	3924899	CHR2:3924899	SSF x Near_LoA	-10,6102875	-0,030	0,307
CHR2	3925003	CHR2:3925003	SSF x Near_LoA	-3,29729291	0,140	0,305
CHR2	3931983	CHR2:3931983	SSF x Near_LoA	-9,46124489	-0,016	0,312
CHR2	3931984	CHR2:3931984	SSF x Near_LoA	-8,39699343	-0,089	0,301
CHR2	3932124	CHR2:3932124	SSF x Near_LoA	-8,74510621	0,002	0,306
CHR2	3932142	CHR2:3932142	SSF x Near_LoA	-7,18410527	0,003	0,311
CHR2	3932153	CHR2:3932153	SSF x Near_LoA	-8,94577306	-0,011	0,306
CHR2	3932262	CHR2:3932262	SSF x Near_LoA	-8,83580069	-0,135	0,315
CHR2	3932273	CHR2:3932273	SSF x Near_LoA	-10,2732469	0,007	0,308
CHR2	3935079	CHR2:3935079	SSF x Near_LoA	-10,1287325	-0,054	0,288
CHR2	3935147	CHR2:3935147	SSF x Near_LoA	-9,89073514	-0,069	0,293
CHR2	3935251	CHR2:3935251	SSF x Near_LoA	-4,759609	-0,088	0,307
CHR2	3939613	CHR2:3939613	SSF x Near_LoA	-11,5793298	-0,021	0,305
CHR2	3939663	CHR2:3939663	SSF x Near_LoA	-8,8839528	0,061	0,305
CHR2	3939720	CHR2:3939720	SSF x Near_LoA	-11,1456942	0,010	0,306
CHR2	3940516	CHR2:3940516	SSF x Near_LoA	-5,169662	0,169	0,308
CHR2	3940534	CHR2:3940534	SSF x Near_LoA	-7,08366436	-0,148	0,304
CHR2	3940614	CHR2:3940614	SSF x Near_LoA	-6,35008353	0,137	0,322
CHR2	3942349	CHR2:3942349	SSF x Near_LoA	-10,8423955	-0,026	0,309
CHR2	3942376	CHR2:3942376	SSF x Near_LoA	-11,9252799	-0,029	0,307
CHR2	3953212	CHR2:3953212	SSF x Near_LoA	-10,265576	0,016	0,306
CHR2	3953305	CHR2:3953305	SSF x Near_LoA	-7,86402294	-0,094	0,329
CHR2	3953318	CHR2:3953318	SSF x Near_LoA	-8,48733769	-0,055	0,298
CHR2	3953371	CHR2:3953371	SSF x Near_LoA	-9,44181575	0,117	0,302
CHR2	3959134	CHR2:3959134	SSF x Near_LoA	-5,55367219	-0,012	0,305
CHR2	3959155	CHR2:3959155	SSF x Near_LoA	-9,29008034	-0,010	0,320
CHR2	3959409	CHR2:3959409	SSF x Near_LoA	-10,4996263	0,043	0,299
CHR2	3966147	CHR2:3966147	SSF x Near_LoA	-9,65809546	-0,091	0,307
CHR2	3966216	CHR2:3966216	SSF x Near_LoA	-10,1577394	-0,064	0,301
CHR2	3966256	CHR2:3966256	SSF x Near_LoA	-8,4449382	0,001	0,305
CHR2	3975036	CHR2:3975036	SSF x Near_LoA	-10,7826233	0,013	0,308
CHR2	3975037	CHR2:3975037	SSF x Near_LoA	-9,18385967	0,054	0,291

CHR2	3975060	CHR2:3975060	SSF x Near_LoA	-8,64863949	-0,103	0,323
CHR2	3975104	CHR2:3975104	SSF x Near_LoA	-8,50143932	0,027	0,298
CHR2	3982082	CHR2:3982082	SSF x Near_LoA	-8,7717787	0,094	0,312
CHR2	3982107	CHR2:3982107	SSF x Near_LoA	-10,0008617	0,014	0,307
CHR2	3982128	CHR2:3982128	SSF x Near_LoA	-10,8061097	-0,091	0,298
CHR2	3982260	CHR2:3982260	SSF x Near_LoA	-9,43789558	0,101	0,308
CHR2	3982323	CHR2:3982323	SSF x Near_LoA	-9,98015436	0,050	0,316
CHR2	3982357	CHR2:3982357	SSF x Near_LoA	-10,321052	0,025	0,299
CHR2	3990527	CHR2:3990527	SSF x Near_LoA	-10,3672509	-0,023	0,307
CHR2	3990595	CHR2:3990595	SSF x Near_LoA	-9,35953794	-0,033	0,315
CHR2	4017234	CHR2:4017234	SSF x Near_LoA	-8,86982745	0,101	0,311
CHR2	4017291	CHR2:4017291	SSF x Near_LoA	-8,74753443	0,036	0,314
CHR2	4017329	CHR2:4017329	SSF x Near_LoA	-9,08017501	-0,010	0,312
CHR2	4019464	CHR2:4019464	SSF x Near_LoA	-11,7486256	0,014	0,292
CHR2	4020809	CHR2:4020809	SSF x Near_LoA	-10,1408373	-0,014	0,312
CHR2	4020880	CHR2:4020880	SSF x Near_LoA	-8,95354577	-0,016	0,311
CHR2	4020892	CHR2:4020892	SSF x Near_LoA	-7,68708119	0,062	0,300
CHR2	4020917	CHR2:4020917	SSF x Near_LoA	-9,57499098	0,048	0,304
CHR2	4020959	CHR2:4020959	SSF x Near_LoA	-10,8387451	0,095	0,305
CHR2	4036344	CHR2:4036344	SSF x Near_LoA	-11,4685013	-0,003	0,310
CHR2	4036357	CHR2:4036357	SSF x Near_LoA	-8,34330598	-0,155	0,305
CHR2	4036399	CHR2:4036399	SSF x Near_LoA	-10,8993492	0,054	0,309
CHR2	4036432	CHR2:4036432	SSF x Near_LoA	-6,36341304	0,144	0,303
CHR2	4036465	CHR2:4036465	SSF x Near_LoA	-9,5793936	-0,121	0,319
CHR2	4046776	CHR2:4046776	SSF x Near_LoA	-9,13948425	0,061	0,309
CHR2	4046779	CHR2:4046779	SSF x Near_LoA	-9,89998165	-0,003	0,312
CHR2	4046960	CHR2:4046960	SSF x Near_LoA	-11,4888857	-0,075	0,302
CHR2	4074422	CHR2:4074422	SSF x Near_LoA	-8,77758223	-0,017	0,317
CHR2	4074543	CHR2:4074543	SSF x Near_LoA	-8,38701146	0,032	0,312
CHR2	4074553	CHR2:4074553	SSF x Near_LoA	-8,64237796	0,018	0,311
CHR2	4074572	CHR2:4074572	SSF x Near_LoA	-9,13151083	0,091	0,298
CHR2	4100416	CHR2:4100416	SSF x Near_LoA	-9,53020238	0,021	0,305
CHR2	4100421	CHR2:4100421	SSF x Near_LoA	-7,83042872	0,098	0,306
CHR2	4100454	CHR2:4100454	SSF x Near_LoA	-6,53009199	-0,198	0,280
CHR2	4100501	CHR2:4100501	SSF x Near_LoA	-6,81576932	-0,125	0,305
CHR2	4100512	CHR2:4100512	SSF x Near_LoA	-4,1545167	0,134	0,297
CHR2	4100556	CHR2:4100556	SSF x Near_LoA	4,1935532	-0,053	0,320
CHR2	4105280	CHR2:4105280	SSF x Near_LoA	-7,47928915	0,124	0,302
CHR2	4105289	CHR2:4105289	SSF x Near_LoA	-7,64223913	-0,039	0,314
CHR2	4105310	CHR2:4105310	SSF x Near_LoA	-8,82400987	-0,011	0,318
CHR2	4105335	CHR2:4105335	SSF x Near_LoA	-10,6158203	-0,015	0,306
CHR2	4105353	CHR2:4105353	SSF x Near_LoA	-11,2774635	-0,048	0,304
CHR2	4105516	CHR2:4105516	SSF x Near_LoA	-8,90381952	-0,094	0,302
CHR2	4112728	CHR2:4112728	SSF x Near_LoA	-9,18637355	-0,030	0,307
CHR2	4115589	CHR2:4115589	SSF x Near_LoA	-7,59068339	-0,079	0,322
CHR2	4117260	CHR2:4117260	SSF x Near_LoA	-6,99438936	-0,078	0,306
CHR2	4117289	CHR2:4117289	SSF x Near_LoA	-3,83030134	0,166	0,299
CHR2	4117336	CHR2:4117336	SSF x Near_LoA	-8,95409547	-0,077	0,309
CHR2	4117357	CHR2:4117357	SSF x Near_LoA	-8,26959705	0,045	0,303
CHR2	4122040	CHR2:4122040	SSF x Near_LoA	-7,14648603	-0,123	0,302
CHR2	4122048	CHR2:4122048	SSF x Near_LoA	-2,68749343	0,110	0,301
CHR2	4122070	CHR2:4122070	SSF x Near_LoA	-9,08287383	0,102	0,302
CHR2	4122077	CHR2:4122077	SSF x Near_LoA	-8,86372477	0,046	0,313

CHR2	4122079	CHR2:4122079	SSF x Near_LoA	-10,7570857	0,058	0,310
CHR2	4122091	CHR2:4122091	SSF x Near_LoA	-8,55852041	0,078	0,309
CHR2	4122104	CHR2:4122104	SSF x Near_LoA	-9,40027529	-0,107	0,293
CHR2	4122128	CHR2:4122128	SSF x Near_LoA	-8,51318542	-0,124	0,301
CHR2	4122144	CHR2:4122144	SSF x Near_LoA	-9,14248419	-0,103	0,298
CHR2	4122146	CHR2:4122146	SSF x Near_LoA	-8,51285069	0,110	0,296
CHR2	4126029	CHR2:4126029	SSF x Near_LoA	-6,18800377	-0,057	0,306
CHR2	4127088	CHR2:4127088	SSF x Near_LoA	-10,3402674	-0,004	0,306
CHR2	4147183	CHR2:4147183	SSF x Near_LoA	-7,91903847	-0,108	0,321
CHR2	4151921	CHR2:4151921	SSF x Near_LoA	-7,38903166	0,086	0,312
CHR2	4151978	CHR2:4151978	SSF x Near_LoA	-8,62659046	-0,047	0,302
CHR2	4151980	CHR2:4151980	SSF x Near_LoA	-8,32857989	-0,068	0,311
CHR2	4152024	CHR2:4152024	SSF x Near_LoA	-5,42726146	-0,001	0,310
CHR2	4152043	CHR2:4152043	SSF x Near_LoA	-8,32522787	0,008	0,314
CHR2	4173227	CHR2:4173227	SSF x Near_LoA	-7,65400038	-0,020	0,305
CHR2	4181983	CHR2:4181983	SSF x Near_LoA	-9,83683649	-0,081	0,314
CHR2	4182028	CHR2:4182028	SSF x Near_LoA	-6,94657097	0,104	0,311
CHR2	4182162	CHR2:4182162	SSF x Near_LoA	-9,01425523	0,067	0,304
CHR2	4182169	CHR2:4182169	SSF x Near_LoA	-10,4387425	0,045	0,302
CHR2	4189241	CHR2:4189241	SSF x Near_LoA	-10,4681599	0,087	0,305
CHR2	4189244	CHR2:4189244	SSF x Near_LoA	-9,01653353	0,150	0,297
CHR2	4203292	CHR2:4203292	SSF x Near_LoA	-6,25115229	0,048	0,307
CHR2	4203395	CHR2:4203395	SSF x Near_LoA	-9,97768924	-0,006	0,317
CHR2	4203660	CHR2:4203660	SSF x Near_LoA	-11,014294	-0,063	0,306
CHR2	4212510	CHR2:4212510	SSF x Near_LoA	-9,41039615	0,082	0,307
CHR2	4212577	CHR2:4212577	SSF x Near_LoA	-9,48967717	-0,016	0,313
CHR2	4212702	CHR2:4212702	SSF x Near_LoA	-7,86109127	0,050	0,312
CHR2	4212765	CHR2:4212765	SSF x Near_LoA	-8,84665492	-0,115	0,307
CHR2	4214020	CHR2:4214020	SSF x Near_LoA	-6,69040554	-0,132	0,303
CHR2	4218330	CHR2:4218330	SSF x Near_LoA	-9,59344302	-0,020	0,315
CHR2	4218684	CHR2:4218684	SSF x Near_LoA	-8,05883396	0,052	0,301
CHR2	4219861	CHR2:4219861	SSF x Near_LoA	-9,01259111	-0,048	0,320
CHR2	4219943	CHR2:4219943	SSF x Near_LoA	-8,27824072	-0,093	0,293
CHR2	4219994	CHR2:4219994	SSF x Near_LoA	-10,4999852	0,061	0,289
CHR2	4220164	CHR2:4220164	SSF x Near_LoA	-10,1767912	0,017	0,299
CHR2	4222786	CHR2:4222786	SSF x Near_LoA	-8,80791097	0,128	0,298
CHR2	4228274	CHR2:4228274	SSF x Near_LoA	-10,222396	0,113	0,303
CHR2	4231759	CHR2:4231759	SSF x Near_LoA	-11,4806015	0,024	0,307
CHR2	4231771	CHR2:4231771	SSF x Near_LoA	-10,7959226	0,100	0,310
CHR2	4231858	CHR2:4231858	SSF x Near_LoA	-9,63153416	0,014	0,310
CHR2	4231860	CHR2:4231860	SSF x Near_LoA	-9,35270314	0,047	0,305
CHR2	4231969	CHR2:4231969	SSF x Near_LoA	-5,50061629	0,099	0,305
CHR2	4231971	CHR2:4231971	SSF x Near_LoA	-9,22553359	0,025	0,313
CHR2	4231977	CHR2:4231977	SSF x Near_LoA	-9,27909647	0,084	0,301
CHR2	4231979	CHR2:4231979	SSF x Near_LoA	-8,88483851	0,104	0,295
CHR2	4232032	CHR2:4232032	SSF x Near_LoA	-7,41585118	0,059	0,306
CHR2	4237905	CHR2:4237905	SSF x Near_LoA	-8,74870628	-0,018	0,307
CHR2	4237907	CHR2:4237907	SSF x Near_LoA	-12,1988957	-0,022	0,298
CHR2	4238009	CHR2:4238009	SSF x Near_LoA	-10,9785858	0,044	0,318
CHR2	4238042	CHR2:4238042	SSF x Near_LoA	-6,71275805	-0,104	0,306
CHR2	4238063	CHR2:4238063	SSF x Near_LoA	-9,15133975	0,098	0,290
CHR2	4238160	CHR2:4238160	SSF x Near_LoA	-8,78035882	0,062	0,301
CHR2	4240688	CHR2:4240688	SSF x Near_LoA	-10,9402055	0,004	0,304

CHR2	4240703	CHR2:4240703	SSF x Near_LoA	-10,7171404	-0,021	0,314
CHR2	4240720	CHR2:4240720	SSF x Near_LoA	-10,3816278	0,090	0,302
CHR2	4240729	CHR2:4240729	SSF x Near_LoA	-9,49251018	0,025	0,304
CHR2	4240778	CHR2:4240778	SSF x Near_LoA	-11,0316287	-0,016	0,296
CHR2	4240789	CHR2:4240789	SSF x Near_LoA	-11,2474758	0,020	0,300
CHR2	4260695	CHR2:4260695	SSF x Near_LoA	-9,72478022	0,035	0,302
CHR2	4271128	CHR2:4271128	SSF x Near_LoA	-9,21846461	-0,085	0,305
CHR2	4271133	CHR2:4271133	SSF x Near_LoA	-10,4937128	-0,088	0,302
CHR2	4276866	CHR2:4276866	SSF x Near_LoA	-9,07254275	-0,024	0,306
CHR2	4276884	CHR2:4276884	SSF x Near_LoA	-8,91563747	-0,011	0,301
CHR2	4276937	CHR2:4276937	SSF x Near_LoA	-8,65873672	0,034	0,316
CHR2	4276939	CHR2:4276939	SSF x Near_LoA	-8,70694851	-0,005	0,313
CHR2	4297943	CHR2:4297943	SSF x Near_LoA	-9,12981761	0,024	0,300
CHR2	4297971	CHR2:4297971	SSF x Near_LoA	-9,42057956	-0,045	0,309
CHR2	4297978	CHR2:4297978	SSF x Near_LoA	-8,62386629	-0,052	0,303
CHR2	4298055	CHR2:4298055	SSF x Near_LoA	-9,82400694	-0,009	0,321
CHR2	4298119	CHR2:4298119	SSF x Near_LoA	-7,28309813	0,120	0,294
CHR2	4298121	CHR2:4298121	SSF x Near_LoA	-8,91183745	0,112	0,292
CHR2	4298124	CHR2:4298124	SSF x Near_LoA	-8,11777766	0,115	0,294
CHR2	4298135	CHR2:4298135	SSF x Near_LoA	-7,57177514	0,090	0,303
CHR2	4298149	CHR2:4298149	SSF x Near_LoA	-9,69719698	0,120	0,301
CHR2	4298150	CHR2:4298150	SSF x Near_LoA	-7,6861992	0,114	0,306
CHR2	4298151	CHR2:4298151	SSF x Near_LoA	-9,41843237	0,101	0,305
CHR2	4305128	CHR2:4305128	SSF x Near_LoA	-9,25065975	0,055	0,306
CHR2	4305129	CHR2:4305129	SSF x Near_LoA	-10,0802542	0,093	0,307
CHR2	4305158	CHR2:4305158	SSF x Near_LoA	-10,2392889	0,011	0,303
CHR2	4305164	CHR2:4305164	SSF x Near_LoA	-10,3742843	0,000	0,292
CHR2	4305166	CHR2:4305166	SSF x Near_LoA	-9,87569113	-0,028	0,310
CHR2	4305167	CHR2:4305167	SSF x Near_LoA	-9,72231263	0,021	0,306
CHR2	4305170	CHR2:4305170	SSF x Near_LoA	-7,86434875	0,012	0,296
CHR2	4305250	CHR2:4305250	SSF x Near_LoA	-9,31225274	-0,012	0,309
CHR2	4305317	CHR2:4305317	SSF x Near_LoA	-11,6805985	-0,051	0,310
CHR2	4305325	CHR2:4305325	SSF x Near_LoA	-10,8951902	-0,064	0,312
CHR2	4305349	CHR2:4305349	SSF x Near_LoA	-8,37357095	0,080	0,299
CHR2	4305361	CHR2:4305361	SSF x Near_LoA	-8,78370817	0,019	0,305
CHR2	4305366	CHR2:4305366	SSF x Near_LoA	-8,85349884	-0,017	0,298
CHR2	4305392	CHR2:4305392	SSF x Near_LoA	-7,01903382	0,040	0,298
CHR2	4305397	CHR2:4305397	SSF x Near_LoA	-9,10284803	0,086	0,295
CHR2	4319075	CHR2:4319075	SSF x Near_LoA	-10,3685338	0,018	0,304
CHR2	4322544	CHR2:4322544	SSF x Near_LoA	-9,37220403	-0,123	0,320
CHR2	4322565	CHR2:4322565	SSF x Near_LoA	-11,3712313	-0,007	0,316
CHR2	4322628	CHR2:4322628	SSF x Near_LoA	-9,18017381	-0,046	0,316
CHR2	4322639	CHR2:4322639	SSF x Near_LoA	-10,5346211	0,149	0,298
CHR2	4322737	CHR2:4322737	SSF x Near_LoA	-9,34319211	-0,019	0,310
CHR2	4322740	CHR2:4322740	SSF x Near_LoA	-8,1298618	-0,013	0,309
CHR2	4324134	CHR2:4324134	SSF x Near_LoA	-6,98413615	0,018	0,297
CHR2	4324139	CHR2:4324139	SSF x Near_LoA	-6,23242502	0,012	0,306
CHR2	4324219	CHR2:4324219	SSF x Near_LoA	-10,0475817	0,022	0,307
CHR2	4343930	CHR2:4343930	SSF x Near_LoA	-6,31316672	0,004	0,294
CHR2	4343969	CHR2:4343969	SSF x Near_LoA	-11,5913924	-0,103	0,302
CHR2	4345785	CHR2:4345785	SSF x Near_LoA	-8,10926526	-0,065	0,313
CHR2	4345843	CHR2:4345843	SSF x Near_LoA	-10,4056105	0,050	0,302
CHR2	4345855	CHR2:4345855	SSF x Near_LoA	-7,60501334	-0,089	0,302

CHR2	4345870	CHR2:4345870	SSF x Near_LoA	-8,848215	-0,079	0,299
CHR2	4345892	CHR2:4345892	SSF x Near_LoA	-8,41238834	-0,084	0,310
CHR2	4345893	CHR2:4345893	SSF x Near_LoA	-7,82931635	-0,060	0,301
CHR2	4345898	CHR2:4345898	SSF x Near_LoA	-8,20704438	-0,087	0,300
CHR2	4345909	CHR2:4345909	SSF x Near_LoA	-7,75357016	-0,079	0,309
CHR2	4347583	CHR2:4347583	SSF x Near_LoA	-8,19930054	0,076	0,315
CHR2	4347767	CHR2:4347767	SSF x Near_LoA	-10,7875913	0,126	0,309
CHR2	4358881	CHR2:4358881	SSF x Near_LoA	-10,1537437	0,065	0,312
CHR2	4358912	CHR2:4358912	SSF x Near_LoA	-8,85681253	0,020	0,314
CHR2	4358937	CHR2:4358937	SSF x Near_LoA	-6,89631561	0,113	0,287
CHR2	4358942	CHR2:4358942	SSF x Near_LoA	-7,34166017	0,104	0,298
CHR2	4358974	CHR2:4358974	SSF x Near_LoA	-8,30433874	0,059	0,310
CHR2	4360061	CHR2:4360061	SSF x Near_LoA	-6,39368871	0,039	0,299
CHR2	4360164	CHR2:4360164	SSF x Near_LoA	-7,48602011	0,136	0,300
CHR2	4363934	CHR2:4363934	SSF x Near_LoA	-9,14404676	-0,026	0,316
CHR2	4364026	CHR2:4364026	SSF x Near_LoA	-10,1306499	-0,064	0,300
CHR2	4364033	CHR2:4364033	SSF x Near_LoA	-9,91305804	-0,030	0,304
CHR2	4364042	CHR2:4364042	SSF x Near_LoA	-8,50084093	0,120	0,307
CHR2	4364138	CHR2:4364138	SSF x Near_LoA	-7,80383501	-0,010	0,324
CHR2	4364166	CHR2:4364166	SSF x Near_LoA	-8,75241215	-0,035	0,306
CHR2	4364173	CHR2:4364173	SSF x Near_LoA	-10,6294022	-0,012	0,289
CHR2	4364183	CHR2:4364183	SSF x Near_LoA	-10,0716827	0,044	0,305
CHR2	4367573	CHR2:4367573	SSF x Near_LoA	-7,478896	0,017	0,308
CHR2	4367636	CHR2:4367636	SSF x Near_LoA	-8,11295449	-0,063	0,304
CHR2	4367638	CHR2:4367638	SSF x Near_LoA	-8,80073109	-0,053	0,305
CHR2	4367639	CHR2:4367639	SSF x Near_LoA	-7,88415956	0,025	0,320
CHR2	4370506	CHR2:4370506	SSF x Near_LoA	-11,4198395	0,020	0,323
CHR2	4374310	CHR2:4374310	SSF x Near_LoA	-7,33136477	-0,012	0,313
CHR2	4374314	CHR2:4374314	SSF x Near_LoA	-7,51629112	0,055	0,307
CHR2	4379261	CHR2:4379261	SSF x Near_LoA	-10,9842962	0,049	0,304
CHR2	4379262	CHR2:4379262	SSF x Near_LoA	-11,0188524	0,041	0,300
CHR2	4379382	CHR2:4379382	SSF x Near_LoA	-10,8123738	0,008	0,306
CHR2	4379448	CHR2:4379448	SSF x Near_LoA	-9,48946975	0,021	0,306
CHR2	4379518	CHR2:4379518	SSF x Near_LoA	-9,58826017	-0,079	0,299
CHR2	4387766	CHR2:4387766	SSF x Near_LoA	-7,86576799	0,074	0,302
CHR2	4391292	CHR2:4391292	SSF x Near_LoA	-7,21509748	0,115	0,304
CHR2	4391328	CHR2:4391328	SSF x Near_LoA	-8,12517786	-0,025	0,303
CHR2	4391350	CHR2:4391350	SSF x Near_LoA	-5,26091588	0,088	0,303
CHR2	4391358	CHR2:4391358	SSF x Near_LoA	-5,34934168	0,059	0,306
CHR2	4413885	CHR2:4413885	SSF x Near_LoA	-10,2990619	0,024	0,292
CHR2	4414063	CHR2:4414063	SSF x Near_LoA	-5,83321769	-0,142	0,308
CHR2	4417668	CHR2:4417668	SSF x Near_LoA	-7,96554046	0,023	0,305
CHR2	4417754	CHR2:4417754	SSF x Near_LoA	-7,73358472	0,036	0,315
CHR2	4429126	CHR2:4429126	SSF x Near_LoA	-8,82471199	0,116	0,311
CHR2	4429169	CHR2:4429169	SSF x Near_LoA	-11,2816686	0,017	0,305
CHR2	4429262	CHR2:4429262	SSF x Near_LoA	-9,38809995	-0,028	0,309
CHR2	4429263	CHR2:4429263	SSF x Near_LoA	-8,83547337	-0,027	0,305
CHR2	4429271	CHR2:4429271	SSF x Near_LoA	-8,99608265	0,044	0,311
CHR2	4441233	CHR2:4441233	SSF x Near_LoA	-8,74177831	-0,010	0,322
CHR2	444229	CHR2:444229	SSF x Near_LoA	-7,06668202	-0,031	0,326
CHR2	444256	CHR2:444256	SSF x Near_LoA	-8,70473938	-0,038	0,310
CHR2	444315	CHR2:444315	SSF x Near_LoA	-8,86120944	-0,024	0,312
CHR2	4455304	CHR2:4455304	SSF x Near_LoA	-11,5162639	-0,024	0,321

CHR2	4458818	CHR2:4458818	SSF x Near_LoA	-9,54809877	-0,031	0,304
CHR2	4461453	CHR2:4461453	SSF x Near_LoA	-10,1426032	0,045	0,318
CHR2	4470164	CHR2:4470164	SSF x Near_LoA	-8,77112369	0,033	0,311
CHR2	4477598	CHR2:4477598	SSF x Near_LoA	-10,7192054	-0,045	0,303
CHR2	4477633	CHR2:4477633	SSF x Near_LoA	-11,1939988	-0,034	0,307
CHR2	4477724	CHR2:4477724	SSF x Near_LoA	-9,03145661	0,133	0,291
CHR2	4477761	CHR2:4477761	SSF x Near_LoA	-10,5907962	-0,003	0,298
CHR2	4483212	CHR2:4483212	SSF x Near_LoA	-8,59597646	0,041	0,320
CHR2	4488475	CHR2:4488475	SSF x Near_LoA	-10,1999426	-0,127	0,300
CHR2	4488719	CHR2:4488719	SSF x Near_LoA	-9,11513051	0,011	0,315
CHR2	4488721	CHR2:4488721	SSF x Near_LoA	-8,4646192	0,020	0,307
CHR2	4488746	CHR2:4488746	SSF x Near_LoA	-9,24316914	0,032	0,305
CHR2	4492985	CHR2:4492985	SSF x Near_LoA	-7,47634132	0,130	0,298
CHR2	4492994	CHR2:4492994	SSF x Near_LoA	-8,42009152	0,006	0,304
CHR2	4493000	CHR2:4493000	SSF x Near_LoA	-9,87463809	-0,064	0,311
CHR2	4493050	CHR2:4493050	SSF x Near_LoA	-10,5369287	-0,030	0,301
CHR2	4514768	CHR2:4514768	SSF x Near_LoA	-9,04348366	0,051	0,303
CHR2	4514818	CHR2:4514818	SSF x Near_LoA	-11,2645262	0,067	0,298
CHR2	4514825	CHR2:4514825	SSF x Near_LoA	-9,82023957	0,024	0,316
CHR2	4514866	CHR2:4514866	SSF x Near_LoA	-9,48193312	0,020	0,307
CHR2	4515022	CHR2:4515022	SSF x Near_LoA	-10,4930504	-0,019	0,325
CHR2	4515026	CHR2:4515026	SSF x Near_LoA	-11,1442935	-0,013	0,308
CHR2	4524541	CHR2:4524541	SSF x Near_LoA	-10,2896244	-0,086	0,307
CHR2	4524605	CHR2:4524605	SSF x Near_LoA	-7,67876068	0,096	0,299
CHR2	4537179	CHR2:4537179	SSF x Near_LoA	-10,9576261	0,044	0,312
CHR2	4543177	CHR2:4543177	SSF x Near_LoA	-10,494239	-0,097	0,300
CHR2	4551384	CHR2:4551384	SSF x Near_LoA	-9,03434534	0,056	0,324
CHR2	4551796	CHR2:4551796	SSF x Near_LoA	-11,2628216	-0,085	0,294
CHR2	4567450	CHR2:4567450	SSF x Near_LoA	-9,11916944	-0,040	0,303
CHR2	4567468	CHR2:4567468	SSF x Near_LoA	-5,90944143	-0,039	0,306
CHR2	4567597	CHR2:4567597	SSF x Near_LoA	-8,20935386	-0,008	0,301
CHR2	4579767	CHR2:4579767	SSF x Near_LoA	-10,1039611	0,014	0,311
CHR2	4579782	CHR2:4579782	SSF x Near_LoA	-7,53537494	-0,098	0,316
CHR2	4579832	CHR2:4579832	SSF x Near_LoA	-8,3627451	-0,071	0,299
CHR2	4584091	CHR2:4584091	SSF x Near_LoA	-11,669482	-0,029	0,314
CHR2	4590749	CHR2:4590749	SSF x Near_LoA	-7,76292999	0,007	0,308
CHR2	4593797	CHR2:4593797	SSF x Near_LoA	-8,26099693	-0,096	0,306
CHR2	4593896	CHR2:4593896	SSF x Near_LoA	-11,9643592	-0,038	0,294
CHR2	4593899	CHR2:4593899	SSF x Near_LoA	-6,78301211	0,118	0,303
CHR2	4593913	CHR2:4593913	SSF x Near_LoA	-11,105541	-0,036	0,318
CHR2	4593960	CHR2:4593960	SSF x Near_LoA	-9,73749201	0,098	0,303
CHR2	4593966	CHR2:4593966	SSF x Near_LoA	-7,13304232	-0,085	0,304
CHR2	4594037	CHR2:4594037	SSF x Near_LoA	-9,71797944	0,038	0,297
CHR2	4594038	CHR2:4594038	SSF x Near_LoA	-9,28821434	0,077	0,313
CHR2	4607923	CHR2:4607923	SSF x Near_LoA	-6,85636621	0,157	0,299
CHR2	4609569	CHR2:4609569	SSF x Near_LoA	-11,8668477	0,040	0,300
CHR2	4613566	CHR2:4613566	SSF x Near_LoA	-7,38862172	-0,125	0,297
CHR2	4615470	CHR2:4615470	SSF x Near_LoA	-9,86264183	0,135	0,298
CHR2	4615588	CHR2:4615588	SSF x Near_LoA	-7,41006324	0,013	0,305
CHR2	4615602	CHR2:4615602	SSF x Near_LoA	-11,3686741	0,007	0,310
CHR2	4615655	CHR2:4615655	SSF x Near_LoA	-10,4206157	-0,066	0,313
CHR2	4617139	CHR2:4617139	SSF x Near_LoA	-8,275625	0,021	0,315
CHR2	4618792	CHR2:4618792	SSF x Near_LoA	-10,7080842	-0,053	0,314

CHR2	4618974	CHR2:4618974	SSF x Near_LoA	-11,878478	0,010	0,303
CHR2	4619009	CHR2:4619009	SSF x Near_LoA	-10,2880487	-0,031	0,312
CHR2	4633982	CHR2:4633982	SSF x Near_LoA	-9,82135816	0,032	0,308
CHR2	4634024	CHR2:4634024	SSF x Near_LoA	-9,18882503	0,065	0,297
CHR2	4637235	CHR2:4637235	SSF x Near_LoA	-11,48346	0,038	0,309
CHR2	4639814	CHR2:4639814	SSF x Near_LoA	-9,51048376	0,051	0,297
CHR2	4639819	CHR2:4639819	SSF x Near_LoA	-2,96177855	-0,129	0,306
CHR2	4639835	CHR2:4639835	SSF x Near_LoA	-11,3377004	0,061	0,297
CHR2	4639836	CHR2:4639836	SSF x Near_LoA	-10,460523	0,063	0,316
CHR2	4639882	CHR2:4639882	SSF x Near_LoA	-8,62436444	-0,011	0,311
CHR2	4639905	CHR2:4639905	SSF x Near_LoA	-6,64481315	0,103	0,321
CHR2	4639920	CHR2:4639920	SSF x Near_LoA	-9,17470259	0,084	0,300
CHR2	4639924	CHR2:4639924	SSF x Near_LoA	-9,84007536	0,052	0,300
CHR2	4639926	CHR2:4639926	SSF x Near_LoA	-8,00960349	-0,151	0,299
CHR2	4639934	CHR2:4639934	SSF x Near_LoA	-9,37087496	0,110	0,301
CHR2	4639945	CHR2:4639945	SSF x Near_LoA	-7,5700703	0,017	0,300
CHR2	4639946	CHR2:4639946	SSF x Near_LoA	-6,96346187	0,126	0,311
CHR2	4639955	CHR2:4639955	SSF x Near_LoA	-8,67817031	0,129	0,298
CHR2	4639981	CHR2:4639981	SSF x Near_LoA	-11,1720621	-0,006	0,312
CHR2	4649687	CHR2:4649687	SSF x Near_LoA	-9,65716423	-0,112	0,315
CHR2	4649780	CHR2:4649780	SSF x Near_LoA	-4,53094261	0,036	0,307
CHR2	4649781	CHR2:4649781	SSF x Near_LoA	-7,40711685	0,037	0,297
CHR2	465706	CHR2:465706	SSF x Near_LoA	-8,60128952	-0,060	0,309
CHR2	465712	CHR2:465712	SSF x Near_LoA	-7,10116823	-0,049	0,313
CHR2	465771	CHR2:465771	SSF x Near_LoA	-8,85684191	-0,043	0,306
CHR2	465784	CHR2:465784	SSF x Near_LoA	-5,71701421	-0,042	0,313
CHR2	465794	CHR2:465794	SSF x Near_LoA	-8,35669527	-0,052	0,309
CHR2	465918	CHR2:465918	SSF x Near_LoA	-7,88267533	-0,109	0,302
CHR2	4665498	CHR2:4665498	SSF x Near_LoA	-10,7586843	0,042	0,310
CHR2	4665567	CHR2:4665567	SSF x Near_LoA	-11,5081987	-0,005	0,315
CHR2	4665606	CHR2:4665606	SSF x Near_LoA	-10,5377877	0,087	0,306
CHR2	466839	CHR2:466839	SSF x Near_LoA	-11,2272998	-0,067	0,302
CHR2	466844	CHR2:466844	SSF x Near_LoA	-11,0871221	-0,060	0,299
CHR2	4685175	CHR2:4685175	SSF x Near_LoA	-9,16500367	-0,003	0,315
CHR2	4685382	CHR2:4685382	SSF x Near_LoA	-9,13599922	0,042	0,312
CHR2	4685434	CHR2:4685434	SSF x Near_LoA	-10,0289599	-0,021	0,315
CHR2	4689131	CHR2:4689131	SSF x Near_LoA	-9,64809534	0,028	0,311
CHR2	4689154	CHR2:4689154	SSF x Near_LoA	-8,54099482	0,064	0,316
CHR2	4689158	CHR2:4689158	SSF x Near_LoA	-8,49339902	0,044	0,314
CHR2	4689181	CHR2:4689181	SSF x Near_LoA	-9,1156207	0,061	0,299
CHR2	4689352	CHR2:4689352	SSF x Near_LoA	-10,323268	0,004	0,305
CHR2	4689368	CHR2:4689368	SSF x Near_LoA	-0,84704453	-0,042	0,305
CHR2	4689402	CHR2:4689402	SSF x Near_LoA	-11,0691608	0,030	0,303
CHR2	4702570	CHR2:4702570	SSF x Near_LoA	-8,03991088	-0,002	0,301
CHR2	4702575	CHR2:4702575	SSF x Near_LoA	-10,4419925	-0,058	0,312
CHR2	4702737	CHR2:4702737	SSF x Near_LoA	-9,25293669	0,021	0,299
CHR2	4702743	CHR2:4702743	SSF x Near_LoA	-8,72393786	0,003	0,304
CHR2	4702766	CHR2:4702766	SSF x Near_LoA	-9,12786604	0,048	0,316
CHR2	4702778	CHR2:4702778	SSF x Near_LoA	-9,32665893	-0,108	0,311
CHR2	4705094	CHR2:4705094	SSF x Near_LoA	-7,59737873	-0,092	0,309
CHR2	4705251	CHR2:4705251	SSF x Near_LoA	-10,8995407	-0,092	0,304
CHR2	4730339	CHR2:4730339	SSF x Near_LoA	-10,0471924	0,023	0,291
CHR2	4730424	CHR2:4730424	SSF x Near_LoA	-7,11113513	0,117	0,312

CHR2	4731594	CHR2:4731594	SSF x Near_LoA	-9,49374982	-0,030	0,302
CHR2	4733593	CHR2:4733593	SSF x Near_LoA	-9,10500921	0,068	0,291
CHR2	4733612	CHR2:4733612	SSF x Near_LoA	-9,67370354	-0,090	0,307
CHR2	4733695	CHR2:4733695	SSF x Near_LoA	-10,684244	-0,063	0,306
CHR2	4733774	CHR2:4733774	SSF x Near_LoA	-8,31217421	0,040	0,291
CHR2	4739337	CHR2:4739337	SSF x Near_LoA	-7,62388948	0,038	0,309
CHR2	4739378	CHR2:4739378	SSF x Near_LoA	-10,09457	0,023	0,298
CHR2	4739396	CHR2:4739396	SSF x Near_LoA	-7,91126309	0,048	0,298
CHR2	4739404	CHR2:4739404	SSF x Near_LoA	-9,60649744	0,028	0,306
CHR2	4739405	CHR2:4739405	SSF x Near_LoA	-8,88426514	-0,012	0,308
CHR2	4746350	CHR2:4746350	SSF x Near_LoA	-9,35690184	0,060	0,312
CHR2	4746378	CHR2:4746378	SSF x Near_LoA	-10,5784457	0,007	0,308
CHR2	4746468	CHR2:4746468	SSF x Near_LoA	-9,76252201	0,051	0,320
CHR2	4746504	CHR2:4746504	SSF x Near_LoA	-10,0282919	0,061	0,303
CHR2	4760361	CHR2:4760361	SSF x Near_LoA	-10,1313365	0,121	0,301
CHR2	4760391	CHR2:4760391	SSF x Near_LoA	-9,19179495	0,097	0,307
CHR2	4760474	CHR2:4760474	SSF x Near_LoA	-10,9244545	-0,100	0,305
CHR2	4760519	CHR2:4760519	SSF x Near_LoA	-7,74799772	0,042	0,321
CHR2	4765105	CHR2:4765105	SSF x Near_LoA	-6,41538174	0,073	0,304
CHR2	4765116	CHR2:4765116	SSF x Near_LoA	-8,50069324	0,077	0,297
CHR2	4765152	CHR2:4765152	SSF x Near_LoA	-8,5953429	0,039	0,294
CHR2	4766477	CHR2:4766477	SSF x Near_LoA	-8,49171684	-0,067	0,320
CHR2	4788694	CHR2:4788694	SSF x Near_LoA	-9,82357146	0,056	0,299
CHR2	4799026	CHR2:4799026	SSF x Near_LoA	-8,44470518	-0,093	0,312
CHR2	4799833	CHR2:4799833	SSF x Near_LoA	-10,4913892	0,066	0,302
CHR2	4829313	CHR2:4829313	SSF x Near_LoA	-9,11602272	0,126	0,311
CHR2	4830280	CHR2:4830280	SSF x Near_LoA	-12,075468	0,029	0,301
CHR2	4832922	CHR2:4832922	SSF x Near_LoA	-9,57356208	-0,027	0,305
CHR2	4833014	CHR2:4833014	SSF x Near_LoA	-8,96053337	0,114	0,315
CHR2	4862829	CHR2:4862829	SSF x Near_LoA	-12,0049228	0,008	0,306
CHR2	4862950	CHR2:4862950	SSF x Near_LoA	-10,2699256	0,012	0,314
CHR2	4863693	CHR2:4863693	SSF x Near_LoA	-11,5702748	-0,045	0,298
CHR2	4865525	CHR2:4865525	SSF x Near_LoA	-10,9770846	-0,041	0,297
CHR2	4865538	CHR2:4865538	SSF x Near_LoA	-9,67884435	0,032	0,307
CHR2	4865656	CHR2:4865656	SSF x Near_LoA	-6,86248705	-0,220	0,291
CHR2	4880479	CHR2:4880479	SSF x Near_LoA	-9,71500381	-0,066	0,304
CHR2	4880498	CHR2:4880498	SSF x Near_LoA	-10,9326889	-0,080	0,301
CHR2	4880564	CHR2:4880564	SSF x Near_LoA	-10,5115108	-0,077	0,308
CHR2	4881231	CHR2:4881231	SSF x Near_LoA	-10,9830065	0,099	0,299
CHR2	4881261	CHR2:4881261	SSF x Near_LoA	-10,198173	-0,144	0,299
CHR2	4881295	CHR2:4881295	SSF x Near_LoA	-9,336073	-0,064	0,296
CHR2	4888497	CHR2:4888497	SSF x Near_LoA	-9,97714447	-0,050	0,308
CHR2	4888516	CHR2:4888516	SSF x Near_LoA	-9,89877622	-0,124	0,319
CHR2	4888590	CHR2:4888590	SSF x Near_LoA	-9,9769712	0,057	0,306
CHR2	4893914	CHR2:4893914	SSF x Near_LoA	-10,6741176	0,068	0,298
CHR2	4893940	CHR2:4893940	SSF x Near_LoA	-8,57750456	0,095	0,298
CHR2	4894015	CHR2:4894015	SSF x Near_LoA	-10,2161217	0,102	0,284
CHR2	4894044	CHR2:4894044	SSF x Near_LoA	-10,4041021	0,037	0,302
CHR2	4894050	CHR2:4894050	SSF x Near_LoA	-6,73977276	-0,055	0,301
CHR2	4899077	CHR2:4899077	SSF x Near_LoA	-9,36068494	0,002	0,307
CHR2	4899682	CHR2:4899682	SSF x Near_LoA	-9,35769625	-0,039	0,324
CHR2	4900740	CHR2:4900740	SSF x Near_LoA	-11,9865396	-0,042	0,299
CHR2	4901291	CHR2:4901291	SSF x Near_LoA	-7,05117806	-0,059	0,320

CHR2	4910421	CHR2:4910421	SSF x Near_LoA	-5,65113078	-0,085	0,307
CHR2	4910499	CHR2:4910499	SSF x Near_LoA	-8,04691795	0,009	0,296
CHR2	4910559	CHR2:4910559	SSF x Near_LoA	-10,7767827	-0,082	0,306
CHR2	4910572	CHR2:4910572	SSF x Near_LoA	-9,96537171	0,006	0,307
CHR2	4910576	CHR2:4910576	SSF x Near_LoA	-7,63743429	0,027	0,310
CHR2	4914165	CHR2:4914165	SSF x Near_LoA	-11,2651821	0,014	0,315
CHR2	4924478	CHR2:4924478	SSF x Near_LoA	-8,51539316	0,040	0,314
CHR2	4924517	CHR2:4924517	SSF x Near_LoA	-9,78952108	0,032	0,300
CHR2	4924549	CHR2:4924549	SSF x Near_LoA	-6,68927398	0,097	0,305
CHR2	4924680	CHR2:4924680	SSF x Near_LoA	-11,4016577	0,076	0,310
CHR2	4924686	CHR2:4924686	SSF x Near_LoA	-11,1444725	0,009	0,302
CHR2	4924693	CHR2:4924693	SSF x Near_LoA	-9,15887955	0,026	0,296
CHR2	4924710	CHR2:4924710	SSF x Near_LoA	-10,5343358	0,020	0,306
CHR2	4924711	CHR2:4924711	SSF x Near_LoA	-9,02869178	-0,003	0,309
CHR2	4929335	CHR2:4929335	SSF x Near_LoA	-9,23105758	-0,005	0,303
CHR2	4936904	CHR2:4936904	SSF x Near_LoA	-3,37029094	0,080	0,313
CHR2	4937507	CHR2:4937507	SSF x Near_LoA	-9,24968659	0,010	0,302
CHR2	4937527	CHR2:4937527	SSF x Near_LoA	-0,8041609	-0,131	0,314
CHR2	4937676	CHR2:4937676	SSF x Near_LoA	-8,25154462	0,194	0,313
CHR2	495124	CHR2:495124	SSF x Near_LoA	-10,6316916	-0,075	0,323
CHR2	495127	CHR2:495127	SSF x Near_LoA	-10,8309769	-0,055	0,326
CHR2	4951506	CHR2:4951506	SSF x Near_LoA	-7,83212752	0,014	0,297
CHR2	4951515	CHR2:4951515	SSF x Near_LoA	-9,2758117	-0,001	0,313
CHR2	4951537	CHR2:4951537	SSF x Near_LoA	-11,7322009	0,063	0,298
CHR2	4951549	CHR2:4951549	SSF x Near_LoA	-9,3953419	-0,062	0,303
CHR2	495167	CHR2:495167	SSF x Near_LoA	-10,6277542	-0,038	0,296
CHR2	4957264	CHR2:4957264	SSF x Near_LoA	-10,0353698	-0,062	0,315
CHR2	4957363	CHR2:4957363	SSF x Near_LoA	-8,67040406	-0,052	0,307
CHR2	4957370	CHR2:4957370	SSF x Near_LoA	-6,39243942	-0,022	0,296
CHR2	495961	CHR2:495961	SSF x Near_LoA	-11,069309	0,023	0,310
CHR2	496044	CHR2:496044	SSF x Near_LoA	-11,8580707	0,045	0,300
CHR2	4960719	CHR2:4960719	SSF x Near_LoA	-8,92373867	0,023	0,313
CHR2	4960754	CHR2:4960754	SSF x Near_LoA	-9,78949714	0,068	0,293
CHR2	4965400	CHR2:4965400	SSF x Near_LoA	-9,2969211	0,047	0,301
CHR2	4970314	CHR2:4970314	SSF x Near_LoA	-11,7428938	-0,010	0,317
CHR2	4970334	CHR2:4970334	SSF x Near_LoA	-11,8432653	-0,021	0,314
CHR2	4970345	CHR2:4970345	SSF x Near_LoA	-8,64745055	-0,079	0,302
CHR2	4970433	CHR2:4970433	SSF x Near_LoA	-8,28821526	-0,069	0,307
CHR2	4970471	CHR2:4970471	SSF x Near_LoA	-11,255843	-0,032	0,306
CHR2	4970486	CHR2:4970486	SSF x Near_LoA	-11,115809	0,067	0,306
CHR2	4970493	CHR2:4970493	SSF x Near_LoA	-9,79346283	-0,038	0,318
CHR2	4978428	CHR2:4978428	SSF x Near_LoA	-8,54369748	-0,042	0,307
CHR2	4978442	CHR2:4978442	SSF x Near_LoA	-11,7584991	-0,001	0,305
CHR2	4978451	CHR2:4978451	SSF x Near_LoA	-9,81666971	-0,068	0,311
CHR2	4978658	CHR2:4978658	SSF x Near_LoA	-9,08477074	-0,010	0,309
CHR2	4978690	CHR2:4978690	SSF x Near_LoA	-9,94482934	-0,030	0,311
CHR2	4984118	CHR2:4984118	SSF x Near_LoA	-9,02988546	0,048	0,312
CHR2	4984145	CHR2:4984145	SSF x Near_LoA	-9,92650861	0,017	0,318
CHR2	4984159	CHR2:4984159	SSF x Near_LoA	-7,33708719	-0,103	0,311
CHR2	4984195	CHR2:4984195	SSF x Near_LoA	-8,45097586	0,027	0,321
CHR2	4984213	CHR2:4984213	SSF x Near_LoA	-8,28845089	0,010	0,324
CHR2	4984218	CHR2:4984218	SSF x Near_LoA	-4,10114232	0,101	0,297
CHR2	5008265	CHR2:5008265	SSF x Near_LoA	-9,32307044	0,017	0,312

CHR2	5008276	CHR2:5008276	SSF x Near_LoA	-3,88298259	-0,138	0,298
CHR2	5009236	CHR2:5009236	SSF x Near_LoA	-8,58883489	-0,022	0,309
CHR2	5013234	CHR2:5013234	SSF x Near_LoA	-9,35576787	0,096	0,297
CHR2	501349	CHR2:501349	SSF x Near_LoA	-10,8950374	-0,044	0,312
CHR2	5033115	CHR2:5033115	SSF x Near_LoA	-9,13658839	0,009	0,315
CHR2	5033129	CHR2:5033129	SSF x Near_LoA	-8,22701081	-0,064	0,306
CHR2	5033173	CHR2:5033173	SSF x Near_LoA	-8,22212208	-0,045	0,292
CHR2	5033185	CHR2:5033185	SSF x Near_LoA	-8,67392531	-0,080	0,300
CHR2	5035928	CHR2:5035928	SSF x Near_LoA	-9,5512525	-0,028	0,324
CHR2	5035932	CHR2:5035932	SSF x Near_LoA	-8,85908498	-0,031	0,303
CHR2	5035943	CHR2:5035943	SSF x Near_LoA	-9,89428296	0,007	0,295
CHR2	5035965	CHR2:5035965	SSF x Near_LoA	-9,58745432	0,154	0,313
CHR2	5035995	CHR2:5035995	SSF x Near_LoA	-8,76462265	0,037	0,301
CHR2	5036036	CHR2:5036036	SSF x Near_LoA	-11,1545911	-0,065	0,300
CHR2	5038593	CHR2:5038593	SSF x Near_LoA	-9,97009642	0,103	0,312
CHR2	5038726	CHR2:5038726	SSF x Near_LoA	-9,20191466	-0,149	0,297
CHR2	5038734	CHR2:5038734	SSF x Near_LoA	-5,2051091	-0,097	0,305
CHR2	5038757	CHR2:5038757	SSF x Near_LoA	-8,82743922	0,104	0,313
CHR2	5044306	CHR2:5044306	SSF x Near_LoA	-9,66450456	-0,038	0,320
CHR2	5044310	CHR2:5044310	SSF x Near_LoA	-10,6607516	-0,027	0,305
CHR2	5044318	CHR2:5044318	SSF x Near_LoA	-9,63986405	-0,096	0,309
CHR2	5046829	CHR2:5046829	SSF x Near_LoA	-8,32882804	-0,030	0,299
CHR2	5046840	CHR2:5046840	SSF x Near_LoA	-0,60784558	-0,163	0,300
CHR2	5049988	CHR2:5049988	SSF x Near_LoA	-8,81504228	-0,077	0,303
CHR2	5050129	CHR2:5050129	SSF x Near_LoA	-10,0793738	-0,087	0,311
CHR2	5050141	CHR2:5050141	SSF x Near_LoA	-11,2713147	0,016	0,307
CHR2	5050250	CHR2:5050250	SSF x Near_LoA	-8,94323828	0,110	0,310
CHR2	5076663	CHR2:5076663	SSF x Near_LoA	-8,86427182	-0,007	0,320
CHR2	5076669	CHR2:5076669	SSF x Near_LoA	-6,89089209	-0,030	0,326
CHR2	5076900	CHR2:5076900	SSF x Near_LoA	-8,66573614	0,123	0,290
CHR2	5076903	CHR2:5076903	SSF x Near_LoA	-10,433971	-0,085	0,301
CHR2	5079620	CHR2:5079620	SSF x Near_LoA	-11,3263586	-0,070	0,301
CHR2	5079672	CHR2:5079672	SSF x Near_LoA	-8,54599407	0,047	0,320
CHR2	5079711	CHR2:5079711	SSF x Near_LoA	-11,3637942	-0,017	0,297
CHR2	5079886	CHR2:5079886	SSF x Near_LoA	-10,5518271	-0,050	0,306
CHR2	5079906	CHR2:5079906	SSF x Near_LoA	-10,7228661	0,005	0,320
CHR2	5079909	CHR2:5079909	SSF x Near_LoA	-9,96635749	-0,019	0,304
CHR2	5084120	CHR2:5084120	SSF x Near_LoA	-8,45013399	0,121	0,300
CHR2	5084165	CHR2:5084165	SSF x Near_LoA	-6,914039	0,123	0,306
CHR2	5084198	CHR2:5084198	SSF x Near_LoA	-10,2424934	-0,033	0,310
CHR2	5092957	CHR2:5092957	SSF x Near_LoA	-9,16354142	-0,040	0,303
CHR2	5092986	CHR2:5092986	SSF x Near_LoA	-8,56790885	-0,078	0,295
CHR2	5093039	CHR2:5093039	SSF x Near_LoA	-9,93399199	-0,081	0,305
CHR2	5095382	CHR2:5095382	SSF x Near_LoA	-10,2605468	0,050	0,324
CHR2	5095399	CHR2:5095399	SSF x Near_LoA	-10,9241118	-0,043	0,299
CHR2	5095421	CHR2:5095421	SSF x Near_LoA	-8,13662527	0,013	0,307
CHR2	5095444	CHR2:5095444	SSF x Near_LoA	-9,01629778	0,019	0,304
CHR2	5095451	CHR2:5095451	SSF x Near_LoA	-9,68302841	0,007	0,293
CHR2	5095454	CHR2:5095454	SSF x Near_LoA	-8,85988079	0,008	0,315
CHR2	5095464	CHR2:5095464	SSF x Near_LoA	-8,46821911	0,001	0,312
CHR2	5095469	CHR2:5095469	SSF x Near_LoA	-9,94820967	-0,009	0,304
CHR2	5095477	CHR2:5095477	SSF x Near_LoA	-9,53046687	0,011	0,297
CHR2	5095491	CHR2:5095491	SSF x Near_LoA	-7,69153006	-0,072	0,291

CHR2	5095504	CHR2:5095504	SSF x Near_LoA	-9,96534309	0,053	0,316
CHR2	5095531	CHR2:5095531	SSF x Near_LoA	-7,49885117	-0,053	0,299
CHR2	5095545	CHR2:5095545	SSF x Near_LoA	-10,4843196	0,033	0,314
CHR2	5100065	CHR2:5100065	SSF x Near_LoA	-7,9024976	-0,005	0,311
CHR2	5100077	CHR2:5100077	SSF x Near_LoA	-8,58885298	-0,015	0,310
CHR2	5100156	CHR2:5100156	SSF x Near_LoA	-8,08086742	0,041	0,319
CHR2	5104544	CHR2:5104544	SSF x Near_LoA	-10,3913191	0,030	0,323
CHR2	5104583	CHR2:5104583	SSF x Near_LoA	-10,8761043	-0,032	0,293
CHR2	5106514	CHR2:5106514	SSF x Near_LoA	-9,33057884	0,158	0,301
CHR2	5106556	CHR2:5106556	SSF x Near_LoA	-7,85584089	-0,088	0,314
CHR2	5106558	CHR2:5106558	SSF x Near_LoA	-7,83737484	0,203	0,297
CHR2	5107075	CHR2:5107075	SSF x Near_LoA	-7,84285132	-0,067	0,325
CHR2	5107086	CHR2:5107086	SSF x Near_LoA	-9,85537673	0,002	0,322
CHR2	5107089	CHR2:5107089	SSF x Near_LoA	-6,2153497	-0,013	0,323
CHR2	5107111	CHR2:5107111	SSF x Near_LoA	-8,1917524	-0,084	0,318
CHR2	5107126	CHR2:5107126	SSF x Near_LoA	-8,77347596	-0,072	0,318
CHR2	5107138	CHR2:5107138	SSF x Near_LoA	-9,64452771	-0,026	0,325
CHR2	5107145	CHR2:5107145	SSF x Near_LoA	-7,1569449	0,006	0,314
CHR2	5107152	CHR2:5107152	SSF x Near_LoA	-8,44110146	0,071	0,298
CHR2	5111833	CHR2:5111833	SSF x Near_LoA	-9,37271572	-0,047	0,306
CHR2	5112069	CHR2:5112069	SSF x Near_LoA	-10,2411554	0,002	0,305
CHR2	5112103	CHR2:5112103	SSF x Near_LoA	-7,99339525	-0,191	0,313
CHR2	5112110	CHR2:5112110	SSF x Near_LoA	-9,48873758	-0,167	0,308
CHR2	5112112	CHR2:5112112	SSF x Near_LoA	-8,92233361	-0,185	0,302
CHR2	5131261	CHR2:5131261	SSF x Near_LoA	-4,09573768	0,192	0,296
CHR2	5153191	CHR2:5153191	SSF x Near_LoA	-9,60733238	-0,035	0,316
CHR2	5153230	CHR2:5153230	SSF x Near_LoA	-10,9191522	0,070	0,319
CHR2	5153249	CHR2:5153249	SSF x Near_LoA	-8,53590161	-0,093	0,323
CHR2	5159937	CHR2:5159937	SSF x Near_LoA	-10,6687087	-0,049	0,315
CHR2	5160004	CHR2:5160004	SSF x Near_LoA	-5,61750235	0,135	0,297
CHR2	5161428	CHR2:5161428	SSF x Near_LoA	-4,20826295	0,073	0,302
CHR2	5161452	CHR2:5161452	SSF x Near_LoA	-10,0173086	-0,010	0,307
CHR2	5161462	CHR2:5161462	SSF x Near_LoA	-7,89302747	0,109	0,286
CHR2	5161463	CHR2:5161463	SSF x Near_LoA	-8,51527153	0,075	0,302
CHR2	5161538	CHR2:5161538	SSF x Near_LoA	-7,04559981	-0,125	0,295
CHR2	5161597	CHR2:5161597	SSF x Near_LoA	-8,87157639	-0,047	0,303
CHR2	5161628	CHR2:5161628	SSF x Near_LoA	-9,50557562	-0,058	0,311
CHR2	5161630	CHR2:5161630	SSF x Near_LoA	-10,2537884	0,082	0,304
CHR2	5164664	CHR2:5164664	SSF x Near_LoA	-6,36972736	0,177	0,304
CHR2	5164666	CHR2:5164666	SSF x Near_LoA	-4,64379512	0,028	0,313
CHR2	5164687	CHR2:5164687	SSF x Near_LoA	-7,93299241	0,003	0,310
CHR2	5190476	CHR2:5190476	SSF x Near_LoA	-8,51615388	-0,007	0,317
CHR2	5207950	CHR2:5207950	SSF x Near_LoA	-10,8646611	-0,049	0,298
CHR2	5208064	CHR2:5208064	SSF x Near_LoA	-9,43976658	0,029	0,308
CHR2	5208088	CHR2:5208088	SSF x Near_LoA	-11,01219	0,037	0,300
CHR2	5208129	CHR2:5208129	SSF x Near_LoA	-8,65344821	-0,047	0,310
CHR2	5208159	CHR2:5208159	SSF x Near_LoA	-9,56110588	-0,035	0,315
CHR2	5215664	CHR2:5215664	SSF x Near_LoA	-8,96848619	-0,040	0,316
CHR2	5220652	CHR2:5220652	SSF x Near_LoA	-11,5298162	-0,007	0,314
CHR2	5220655	CHR2:5220655	SSF x Near_LoA	-7,14858721	-0,044	0,305
CHR2	5220802	CHR2:5220802	SSF x Near_LoA	-8,01787104	-0,014	0,312
CHR2	5220821	CHR2:5220821	SSF x Near_LoA	-9,47715048	-0,064	0,312
CHR2	5220837	CHR2:5220837	SSF x Near_LoA	-9,64564911	-0,046	0,319

CHR2	5220855	CHR2:5220855	SSF x Near_LoA	-8,91057589	0,016	0,307
CHR2	5220859	CHR2:5220859	SSF x Near_LoA	-8,66534292	-0,051	0,305
CHR2	5227215	CHR2:5227215	SSF x Near_LoA	-9,37427332	-0,002	0,311
CHR2	5227243	CHR2:5227243	SSF x Near_LoA	-11,2943531	0,062	0,310
CHR2	5227251	CHR2:5227251	SSF x Near_LoA	-7,85002389	-0,004	0,305
CHR2	5227297	CHR2:5227297	SSF x Near_LoA	-6,56413869	0,028	0,312
CHR2	5231155	CHR2:5231155	SSF x Near_LoA	-9,54659324	0,074	0,297
CHR2	5231172	CHR2:5231172	SSF x Near_LoA	-9,2557903	0,005	0,312
CHR2	5231178	CHR2:5231178	SSF x Near_LoA	-8,53416946	-0,096	0,306
CHR2	5240456	CHR2:5240456	SSF x Near_LoA	-8,59613894	0,094	0,301
CHR2	5240465	CHR2:5240465	SSF x Near_LoA	-5,38921544	-0,012	0,302
CHR2	5240473	CHR2:5240473	SSF x Near_LoA	-8,84932789	-0,099	0,292
CHR2	5240507	CHR2:5240507	SSF x Near_LoA	-3,30235084	0,149	0,293
CHR2	5244456	CHR2:5244456	SSF x Near_LoA	-9,56990451	0,002	0,308
CHR2	5244787	CHR2:5244787	SSF x Near_LoA	-7,52918846	-0,162	0,300
CHR2	5244812	CHR2:5244812	SSF x Near_LoA	-5,91889673	-0,095	0,298
CHR2	5244836	CHR2:5244836	SSF x Near_LoA	-5,29414345	-0,103	0,322
CHR2	5244870	CHR2:5244870	SSF x Near_LoA	-8,13549505	0,105	0,307
CHR2	5244902	CHR2:5244902	SSF x Near_LoA	-10,3514763	-0,049	0,314
CHR2	5250735	CHR2:5250735	SSF x Near_LoA	-8,57706064	-0,007	0,311
CHR2	5250744	CHR2:5250744	SSF x Near_LoA	-8,91762151	0,111	0,306
CHR2	5250752	CHR2:5250752	SSF x Near_LoA	-7,70076241	0,077	0,312
CHR2	5250767	CHR2:5250767	SSF x Near_LoA	-10,9063291	-0,034	0,295
CHR2	5250780	CHR2:5250780	SSF x Near_LoA	-8,96192911	-0,041	0,311
CHR2	5250789	CHR2:5250789	SSF x Near_LoA	-10,2233971	-0,010	0,289
CHR2	5250905	CHR2:5250905	SSF x Near_LoA	-2,3933549	0,145	0,300
CHR2	525657	CHR2:525657	SSF x Near_LoA	-7,19104542	-0,063	0,322
CHR2	5271009	CHR2:5271009	SSF x Near_LoA	-9,93038021	-0,116	0,295
CHR2	5273411	CHR2:5273411	SSF x Near_LoA	-11,1836055	-0,094	0,306
CHR2	5273691	CHR2:5273691	SSF x Near_LoA	-8,36289439	-0,052	0,301
CHR2	5276203	CHR2:5276203	SSF x Near_LoA	-0,98126204	-0,170	0,293
CHR2	5276204	CHR2:5276204	SSF x Near_LoA	-10,9582847	-0,095	0,304
CHR2	5276209	CHR2:5276209	SSF x Near_LoA	-7,78663547	-0,107	0,306
CHR2	5276236	CHR2:5276236	SSF x Near_LoA	-8,51879836	-0,086	0,307
CHR2	5276293	CHR2:5276293	SSF x Near_LoA	-11,4137907	-0,047	0,303
CHR2	5276328	CHR2:5276328	SSF x Near_LoA	-9,62560727	-0,036	0,310
CHR2	5277959	CHR2:5277959	SSF x Near_LoA	-7,69360942	0,059	0,325
CHR2	5277980	CHR2:5277980	SSF x Near_LoA	-8,30855982	-0,145	0,299
CHR2	5277993	CHR2:5277993	SSF x Near_LoA	-7,97589502	0,090	0,306
CHR2	5278060	CHR2:5278060	SSF x Near_LoA	-11,6695195	0,019	0,313
CHR2	5280885	CHR2:5280885	SSF x Near_LoA	-10,6690952	-0,013	0,306
CHR2	5280941	CHR2:5280941	SSF x Near_LoA	-7,073675	0,097	0,306
CHR2	5281365	CHR2:5281365	SSF x Near_LoA	-7,56008341	-0,028	0,315
CHR2	5281366	CHR2:5281366	SSF x Near_LoA	-10,3734083	-0,068	0,296
CHR2	5281385	CHR2:5281385	SSF x Near_LoA	-8,93204689	0,105	0,293
CHR2	5281391	CHR2:5281391	SSF x Near_LoA	-11,2040842	-0,016	0,314
CHR2	5281396	CHR2:5281396	SSF x Near_LoA	-9,02529371	-0,092	0,307
CHR2	5288009	CHR2:5288009	SSF x Near_LoA	-9,51718294	-0,054	0,280
CHR2	5288077	CHR2:5288077	SSF x Near_LoA	-8,33797101	-0,031	0,304
CHR2	5288105	CHR2:5288105	SSF x Near_LoA	-8,36850107	-0,126	0,310
CHR2	5288133	CHR2:5288133	SSF x Near_LoA	-7,97458424	0,048	0,321
CHR2	5288177	CHR2:5288177	SSF x Near_LoA	-8,56927332	-0,131	0,305
CHR2	5288179	CHR2:5288179	SSF x Near_LoA	-10,2310396	-0,091	0,314

CHR2	5288181	CHR2:5288181	SSF x Near_LoA	-9,39793932	-0,108	0,297
CHR2	5288222	CHR2:5288222	SSF x Near_LoA	-8,71632709	0,025	0,319
CHR2	5292610	CHR2:5292610	SSF x Near_LoA	-9,71631045	0,074	0,295
CHR2	5292628	CHR2:5292628	SSF x Near_LoA	-9,39378202	-0,009	0,305
CHR2	5305068	CHR2:5305068	SSF x Near_LoA	-9,41042587	-0,036	0,308
CHR2	5305080	CHR2:5305080	SSF x Near_LoA	-1,3693327	0,118	0,300
CHR2	5305131	CHR2:5305131	SSF x Near_LoA	-9,13946326	0,103	0,292
CHR2	5305136	CHR2:5305136	SSF x Near_LoA	-7,50993551	0,115	0,292
CHR2	5305148	CHR2:5305148	SSF x Near_LoA	-9,16487102	0,044	0,313
CHR2	5305183	CHR2:5305183	SSF x Near_LoA	-5,94912964	-0,165	0,302
CHR2	5307528	CHR2:5307528	SSF x Near_LoA	-8,96627965	0,012	0,314
CHR2	5307540	CHR2:5307540	SSF x Near_LoA	-10,0951725	0,054	0,292
CHR2	5316698	CHR2:5316698	SSF x Near_LoA	-5,34857568	0,046	0,309
CHR2	5316715	CHR2:5316715	SSF x Near_LoA	-11,8325207	-0,035	0,310
CHR2	5316727	CHR2:5316727	SSF x Near_LoA	-11,9437116	-0,095	0,302
CHR2	5316738	CHR2:5316738	SSF x Near_LoA	-8,84143905	-0,045	0,297
CHR2	5316814	CHR2:5316814	SSF x Near_LoA	-10,5529748	0,058	0,312
CHR2	5316825	CHR2:5316825	SSF x Near_LoA	-10,157871	0,127	0,305
CHR2	5316894	CHR2:5316894	SSF x Near_LoA	-10,5972821	0,024	0,310
CHR2	5316919	CHR2:5316919	SSF x Near_LoA	-10,5278426	0,128	0,313
CHR2	5326926	CHR2:5326926	SSF x Near_LoA	-9,39775259	-0,016	0,296
CHR2	5326929	CHR2:5326929	SSF x Near_LoA	-7,82394438	-0,125	0,291
CHR2	5326959	CHR2:5326959	SSF x Near_LoA	-11,8416502	-0,002	0,303
CHR2	5327027	CHR2:5327027	SSF x Near_LoA	-7,72229363	-0,142	0,312
CHR2	5327045	CHR2:5327045	SSF x Near_LoA	-11,5817954	0,027	0,308
CHR2	5330827	CHR2:5330827	SSF x Near_LoA	-6,85198469	-0,086	0,310
CHR2	5330860	CHR2:5330860	SSF x Near_LoA	-9,6195638	0,023	0,317
CHR2	5330891	CHR2:5330891	SSF x Near_LoA	-8,6206586	0,020	0,296
CHR2	5330918	CHR2:5330918	SSF x Near_LoA	-8,1539046	0,064	0,300
CHR2	5330934	CHR2:5330934	SSF x Near_LoA	-9,98448837	0,068	0,300
CHR2	5330943	CHR2:5330943	SSF x Near_LoA	-8,81383291	0,068	0,296
CHR2	5331004	CHR2:5331004	SSF x Near_LoA	-3,52561933	0,079	0,300
CHR2	5331005	CHR2:5331005	SSF x Near_LoA	-11,5074741	-0,078	0,296
CHR2	5331016	CHR2:5331016	SSF x Near_LoA	-9,00733168	0,005	0,313
CHR2	5331024	CHR2:5331024	SSF x Near_LoA	-8,14662313	0,068	0,304
CHR2	5331030	CHR2:5331030	SSF x Near_LoA	-10,2639817	0,048	0,308
CHR2	5350426	CHR2:5350426	SSF x Near_LoA	-7,90677063	-0,161	0,298
CHR2	5366370	CHR2:5366370	SSF x Near_LoA	-10,0016763	-0,049	0,300
CHR2	5366419	CHR2:5366419	SSF x Near_LoA	-11,1471076	-0,042	0,311
CHR2	5384321	CHR2:5384321	SSF x Near_LoA	-9,56375618	-0,148	0,300
CHR2	5384372	CHR2:5384372	SSF x Near_LoA	-7,2298641	-0,197	0,306
CHR2	5389877	CHR2:5389877	SSF x Near_LoA	-9,66856366	0,020	0,302
CHR2	539148	CHR2:539148	SSF x Near_LoA	-9,22469431	-0,091	0,306
CHR2	5395790	CHR2:5395790	SSF x Near_LoA	-7,89025572	-0,102	0,301
CHR2	5395860	CHR2:5395860	SSF x Near_LoA	-11,0188177	0,005	0,321
CHR2	5395968	CHR2:5395968	SSF x Near_LoA	-8,91295767	-0,123	0,299
CHR2	5395977	CHR2:5395977	SSF x Near_LoA	-8,56106515	0,066	0,313
CHR2	5395978	CHR2:5395978	SSF x Near_LoA	-3,47577247	0,133	0,305
CHR2	5395983	CHR2:5395983	SSF x Near_LoA	-4,93100872	0,126	0,303
CHR2	5396007	CHR2:5396007	SSF x Near_LoA	-6,4714863	-0,178	0,314
CHR2	5396008	CHR2:5396008	SSF x Near_LoA	-7,67820232	-0,157	0,312
CHR2	5396097	CHR2:5396097	SSF x Near_LoA	-9,91293099	-0,062	0,317
CHR2	5400112	CHR2:5400112	SSF x Near_LoA	-10,3977636	0,026	0,299

CHR2	5400124	CHR2:5400124	SSF x Near_LoA	-9,38737386	-0,012	0,299
CHR2	5400229	CHR2:5400229	SSF x Near_LoA	-11,2817817	-0,010	0,304
CHR2	5434138	CHR2:5434138	SSF x Near_LoA	-7,93953484	-0,021	0,308
CHR2	5434219	CHR2:5434219	SSF x Near_LoA	-10,2569621	0,048	0,306
CHR2	5434223	CHR2:5434223	SSF x Near_LoA	-9,28441453	-0,065	0,302
CHR2	5434250	CHR2:5434250	SSF x Near_LoA	-10,5229109	-0,010	0,317
CHR2	5436378	CHR2:5436378	SSF x Near_LoA	-8,56014946	0,181	0,290
CHR2	5436380	CHR2:5436380	SSF x Near_LoA	-6,42113647	-0,077	0,317
CHR2	5436389	CHR2:5436389	SSF x Near_LoA	-8,25038259	-0,005	0,327
CHR2	5436398	CHR2:5436398	SSF x Near_LoA	-5,30922321	0,168	0,302
CHR2	5436432	CHR2:5436432	SSF x Near_LoA	-10,1313657	-0,085	0,298
CHR2	5436436	CHR2:5436436	SSF x Near_LoA	-3,34755968	0,176	0,289
CHR2	5436538	CHR2:5436538	SSF x Near_LoA	-11,3224694	-0,023	0,303
CHR2	5436569	CHR2:5436569	SSF x Near_LoA	-4,25562725	-0,040	0,312
CHR2	5436574	CHR2:5436574	SSF x Near_LoA	-8,45270219	-0,008	0,321
CHR2	5436585	CHR2:5436585	SSF x Near_LoA	-6,22584559	-0,114	0,297
CHR2	5438497	CHR2:5438497	SSF x Near_LoA	-10,423109	0,067	0,305
CHR2	5439263	CHR2:5439263	SSF x Near_LoA	-11,7278582	0,050	0,303
CHR2	5439294	CHR2:5439294	SSF x Near_LoA	-9,51796889	-0,057	0,314
CHR2	5439328	CHR2:5439328	SSF x Near_LoA	-9,78394513	0,007	0,305
CHR2	5444338	CHR2:5444338	SSF x Near_LoA	-7,34958661	0,119	0,302
CHR2	5444341	CHR2:5444341	SSF x Near_LoA	-10,1759081	0,098	0,300
CHR2	5444381	CHR2:5444381	SSF x Near_LoA	-8,98039851	0,094	0,300
CHR2	5444389	CHR2:5444389	SSF x Near_LoA	-8,46434937	0,100	0,320
CHR2	5444390	CHR2:5444390	SSF x Near_LoA	-5,33192456	0,103	0,311
CHR2	5444398	CHR2:5444398	SSF x Near_LoA	-6,01962086	0,139	0,306
CHR2	5450636	CHR2:5450636	SSF x Near_LoA	-10,2145345	0,063	0,293
CHR2	5467239	CHR2:5467239	SSF x Near_LoA	-8,96197843	0,046	0,305
CHR2	5467543	CHR2:5467543	SSF x Near_LoA	-7,29915735	-0,197	0,292
CHR2	5471902	CHR2:5471902	SSF x Near_LoA	-7,61241034	-0,039	0,302
CHR2	5471969	CHR2:5471969	SSF x Near_LoA	-10,031225	0,047	0,306
CHR2	5472014	CHR2:5472014	SSF x Near_LoA	-9,3250096	0,010	0,312
CHR2	5473292	CHR2:5473292	SSF x Near_LoA	-8,38127227	0,097	0,312
CHR2	5473303	CHR2:5473303	SSF x Near_LoA	-10,0840934	-0,020	0,287
CHR2	5473433	CHR2:5473433	SSF x Near_LoA	-8,76979767	-0,022	0,308
CHR2	5483815	CHR2:5483815	SSF x Near_LoA	-10,3262523	0,002	0,311
CHR2	5483816	CHR2:5483816	SSF x Near_LoA	-10,233254	-0,008	0,309
CHR2	5483949	CHR2:5483949	SSF x Near_LoA	-11,1889956	-0,005	0,309
CHR2	5483952	CHR2:5483952	SSF x Near_LoA	-10,352585	-0,099	0,299
CHR2	5484166	CHR2:5484166	SSF x Near_LoA	-9,486885	-0,011	0,312
CHR2	5484179	CHR2:5484179	SSF x Near_LoA	-6,40742458	-0,030	0,313
CHR2	5484186	CHR2:5484186	SSF x Near_LoA	-9,48953667	0,136	0,312
CHR2	5484232	CHR2:5484232	SSF x Near_LoA	-5,74793196	-0,019	0,316
CHR2	5484284	CHR2:5484284	SSF x Near_LoA	-9,01440051	0,030	0,295
CHR2	5488919	CHR2:5488919	SSF x Near_LoA	-8,01897452	0,063	0,320
CHR2	5488931	CHR2:5488931	SSF x Near_LoA	-7,70013006	0,089	0,309
CHR2	5488954	CHR2:5488954	SSF x Near_LoA	-11,4092867	-0,023	0,298
CHR2	5489036	CHR2:5489036	SSF x Near_LoA	-9,48687635	-0,072	0,300
CHR2	5489216	CHR2:5489216	SSF x Near_LoA	-10,0143725	-0,128	0,302
CHR2	5489220	CHR2:5489220	SSF x Near_LoA	-9,43886648	-0,078	0,311
CHR2	5489252	CHR2:5489252	SSF x Near_LoA	-9,26547887	-0,060	0,316
CHR2	5489279	CHR2:5489279	SSF x Near_LoA	-8,87329565	-0,036	0,308
CHR2	5489282	CHR2:5489282	SSF x Near_LoA	-9,55983797	-0,061	0,306

CHR2	5489286	CHR2:5489286	SSF x Near_LoA	-8,32782702	-0,040	0,291
CHR2	5489293	CHR2:5489293	SSF x Near_LoA	-8,7188983	-0,044	0,304
CHR2	5489296	CHR2:5489296	SSF x Near_LoA	-7,50336268	-0,075	0,307
CHR2	5492942	CHR2:5492942	SSF x Near_LoA	-8,99106459	-0,028	0,315
CHR2	5492957	CHR2:5492957	SSF x Near_LoA	-10,2685912	0,100	0,305
CHR2	5492967	CHR2:5492967	SSF x Near_LoA	-7,95725655	-0,101	0,312
CHR2	5492969	CHR2:5492969	SSF x Near_LoA	-9,45111725	0,043	0,300
CHR2	5493069	CHR2:5493069	SSF x Near_LoA	-9,32373519	-0,017	0,319
CHR2	5514125	CHR2:5514125	SSF x Near_LoA	-10,307372	-0,042	0,318
CHR2	5514145	CHR2:5514145	SSF x Near_LoA	-10,1348481	-0,064	0,292
CHR2	5519775	CHR2:5519775	SSF x Near_LoA	-5,94606474	0,246	0,294
CHR2	5519787	CHR2:5519787	SSF x Near_LoA	-7,0964708	0,133	0,300
CHR2	5519828	CHR2:5519828	SSF x Near_LoA	-7,4521929	0,017	0,316
CHR2	5519887	CHR2:5519887	SSF x Near_LoA	-7,98072559	0,067	0,308
CHR2	5519942	CHR2:5519942	SSF x Near_LoA	-5,45259988	0,275	0,280
CHR2	5520024	CHR2:5520024	SSF x Near_LoA	-10,3014965	-0,004	0,307
CHR2	5523797	CHR2:5523797	SSF x Near_LoA	-10,8263348	-0,009	0,293
CHR2	5565761	CHR2:5565761	SSF x Near_LoA	-11,4819496	0,008	0,308
CHR2	5565794	CHR2:5565794	SSF x Near_LoA	-7,46787551	-0,083	0,294
CHR2	5565890	CHR2:5565890	SSF x Near_LoA	-10,1736833	0,000	0,297
CHR2	5565898	CHR2:5565898	SSF x Near_LoA	-8,32964798	-0,044	0,299
CHR2	5587714	CHR2:5587714	SSF x Near_LoA	-11,1842256	-0,082	0,300
CHR2	5587790	CHR2:5587790	SSF x Near_LoA	-6,07513006	0,108	0,294
CHR2	5590822	CHR2:5590822	SSF x Near_LoA	-7,64132518	-0,188	0,308
CHR2	5592073	CHR2:5592073	SSF x Near_LoA	-8,96771601	0,052	0,312
CHR2	5592228	CHR2:5592228	SSF x Near_LoA	-9,99033161	-0,105	0,310
CHR2	5592274	CHR2:5592274	SSF x Near_LoA	-7,82182193	0,122	0,312
CHR2	55924	CHR2:55924	SSF x Near_LoA	-6,89155113	0,007	0,319
CHR2	5604595	CHR2:5604595	SSF x Near_LoA	-10,5745543	-0,108	0,304
CHR2	5604613	CHR2:5604613	SSF x Near_LoA	-10,9326029	-0,035	0,320
CHR2	5604653	CHR2:5604653	SSF x Near_LoA	-8,24859761	-0,049	0,324
CHR2	5604853	CHR2:5604853	SSF x Near_LoA	-9,86637981	0,059	0,312
CHR2	5604867	CHR2:5604867	SSF x Near_LoA	-9,89243417	0,032	0,289
CHR2	5604895	CHR2:5604895	SSF x Near_LoA	-10,4755068	-0,115	0,309
CHR2	5604902	CHR2:5604902	SSF x Near_LoA	-6,09976431	-0,090	0,311
CHR2	5618415	CHR2:5618415	SSF x Near_LoA	-8,89322249	0,043	0,316
CHR2	5618493	CHR2:5618493	SSF x Near_LoA	-7,11322431	0,007	0,310
CHR2	5618566	CHR2:5618566	SSF x Near_LoA	-9,73563342	-0,018	0,311
CHR2	5624599	CHR2:5624599	SSF x Near_LoA	-10,3788437	0,105	0,305
CHR2	5624638	CHR2:5624638	SSF x Near_LoA	-8,27690435	0,043	0,308
CHR2	5624677	CHR2:5624677	SSF x Near_LoA	-10,7569634	0,025	0,311
CHR2	5625864	CHR2:5625864	SSF x Near_LoA	-8,94002199	-0,018	0,306
CHR2	5631345	CHR2:5631345	SSF x Near_LoA	-8,23235433	-0,104	0,313
CHR2	5631489	CHR2:5631489	SSF x Near_LoA	-6,85877005	-0,016	0,320
CHR2	5631511	CHR2:5631511	SSF x Near_LoA	-9,64391009	-0,055	0,317
CHR2	564983	CHR2:564983	SSF x Near_LoA	-6,80104753	-0,087	0,316
CHR2	5652145	CHR2:5652145	SSF x Near_LoA	-10,1805682	-0,018	0,308
CHR2	5668453	CHR2:5668453	SSF x Near_LoA	-9,93459329	-0,050	0,319
CHR2	5668467	CHR2:5668467	SSF x Near_LoA	-8,5749431	0,011	0,305
CHR2	5675485	CHR2:5675485	SSF x Near_LoA	-8,54210048	0,007	0,314
CHR2	5676466	CHR2:5676466	SSF x Near_LoA	-1,18646974	0,068	0,320
CHR2	5676640	CHR2:5676640	SSF x Near_LoA	-8,96698883	-0,075	0,314
CHR2	5676725	CHR2:5676725	SSF x Near_LoA	-7,61860041	0,042	0,314

CHR2	5680057	CHR2:5680057	SSF x Near_LoA	-5,79089084	-0,069	0,311
CHR2	5680116	CHR2:5680116	SSF x Near_LoA	-8,03179744	0,059	0,298
CHR2	5680117	CHR2:5680117	SSF x Near_LoA	-6,1806948	0,065	0,313
CHR2	5680164	CHR2:5680164	SSF x Near_LoA	-8,29242468	0,074	0,306
CHR2	5680169	CHR2:5680169	SSF x Near_LoA	-4,51120594	0,028	0,305
CHR2	5680188	CHR2:5680188	SSF x Near_LoA	-9,9847603	0,022	0,306
CHR2	5680192	CHR2:5680192	SSF x Near_LoA	-11,0431264	-0,073	0,318
CHR2	5680195	CHR2:5680195	SSF x Near_LoA	-8,06674268	-0,058	0,308
CHR2	5680201	CHR2:5680201	SSF x Near_LoA	-8,97046783	-0,052	0,303
CHR2	5680206	CHR2:5680206	SSF x Near_LoA	-8,19632571	-0,010	0,300
CHR2	5689978	CHR2:5689978	SSF x Near_LoA	-8,88914223	-0,025	0,313
CHR2	5690103	CHR2:5690103	SSF x Near_LoA	-5,08393301	-0,201	0,304
CHR2	5690213	CHR2:5690213	SSF x Near_LoA	-10,2342682	-0,038	0,300
CHR2	5690232	CHR2:5690232	SSF x Near_LoA	-4,16820647	0,022	0,315
CHR2	5690241	CHR2:5690241	SSF x Near_LoA	-10,0844657	0,008	0,318
CHR2	5690245	CHR2:5690245	SSF x Near_LoA	-7,76601088	-0,096	0,308
CHR2	5690274	CHR2:5690274	SSF x Near_LoA	-10,6288748	-0,010	0,325
CHR2	5690311	CHR2:5690311	SSF x Near_LoA	-9,37866498	0,003	0,313
CHR2	5690340	CHR2:5690340	SSF x Near_LoA	-8,97706385	-0,008	0,292
CHR2	5698286	CHR2:5698286	SSF x Near_LoA	-8,7425615	0,027	0,316
CHR2	5698335	CHR2:5698335	SSF x Near_LoA	-10,3681291	0,062	0,316
CHR2	5698368	CHR2:5698368	SSF x Near_LoA	-11,0678057	-0,065	0,303
CHR2	5704875	CHR2:5704875	SSF x Near_LoA	-4,84760355	0,123	0,290
CHR2	5704888	CHR2:5704888	SSF x Near_LoA	-9,48758289	-0,014	0,303
CHR2	5704932	CHR2:5704932	SSF x Near_LoA	-9,34576869	-0,068	0,310
CHR2	5704942	CHR2:5704942	SSF x Near_LoA	-9,38489366	0,012	0,301
CHR2	5705595	CHR2:5705595	SSF x Near_LoA	-7,53076866	0,115	0,305
CHR2	571161	CHR2:571161	SSF x Near_LoA	-6,06310554	-0,109	0,303
CHR2	571329	CHR2:571329	SSF x Near_LoA	-6,22545252	-0,087	0,301
CHR2	571540	CHR2:571540	SSF x Near_LoA	-9,10617494	-0,047	0,305
CHR2	5728333	CHR2:5728333	SSF x Near_LoA	-8,35125714	-0,098	0,309
CHR2	5728391	CHR2:5728391	SSF x Near_LoA	-9,04235319	-0,026	0,302
CHR2	5732596	CHR2:5732596	SSF x Near_LoA	-9,66353068	-0,058	0,309
CHR2	5732620	CHR2:5732620	SSF x Near_LoA	-9,8298665	0,028	0,304
CHR2	5732621	CHR2:5732621	SSF x Near_LoA	-10,0641941	0,050	0,299
CHR2	5732632	CHR2:5732632	SSF x Near_LoA	-9,52753374	-0,042	0,294
CHR2	5732941	CHR2:5732941	SSF x Near_LoA	-9,41949101	-0,038	0,303
CHR2	5732953	CHR2:5732953	SSF x Near_LoA	-1,75963875	0,129	0,309
CHR2	5732959	CHR2:5732959	SSF x Near_LoA	-9,24448155	-0,001	0,313
CHR2	5732967	CHR2:5732967	SSF x Near_LoA	-5,99878481	-0,179	0,307
CHR2	5732985	CHR2:5732985	SSF x Near_LoA	-10,3766044	0,111	0,295
CHR2	5732986	CHR2:5732986	SSF x Near_LoA	-6,43605369	-0,180	0,301
CHR2	5748875	CHR2:5748875	SSF x Near_LoA	-8,57430821	-0,160	0,286
CHR2	5748942	CHR2:5748942	SSF x Near_LoA	-6,39750517	-0,170	0,279
CHR2	5756422	CHR2:5756422	SSF x Near_LoA	-2,89156999	-0,138	0,286
CHR2	5756427	CHR2:5756427	SSF x Near_LoA	-7,37051473	0,079	0,311
CHR2	5756442	CHR2:5756442	SSF x Near_LoA	-8,7659982	-0,046	0,297
CHR2	5756451	CHR2:5756451	SSF x Near_LoA	-7,0223154	0,134	0,301
CHR2	5756476	CHR2:5756476	SSF x Near_LoA	-6,61880395	0,154	0,297
CHR2	5756525	CHR2:5756525	SSF x Near_LoA	-6,16229953	-0,083	0,299
CHR2	5756539	CHR2:5756539	SSF x Near_LoA	-8,13227148	-0,054	0,311
CHR2	5759747	CHR2:5759747	SSF x Near_LoA	-8,71586684	-0,010	0,329
CHR2	5759829	CHR2:5759829	SSF x Near_LoA	-10,894177	-0,119	0,307

CHR2	5759831	CHR2:5759831	SSF x Near_LoA	-9,59888709	0,141	0,308
CHR2	5765641	CHR2:5765641	SSF x Near_LoA	-7,63587895	0,142	0,293
CHR2	5772714	CHR2:5772714	SSF x Near_LoA	0,20898702	-0,207	0,290
CHR2	5773009	CHR2:5773009	SSF x Near_LoA	-9,85073723	-0,049	0,305
CHR2	5779785	CHR2:5779785	SSF x Near_LoA	-7,77150215	0,113	0,312
CHR2	5779814	CHR2:5779814	SSF x Near_LoA	-11,8798121	-0,070	0,304
CHR2	5779875	CHR2:5779875	SSF x Near_LoA	-9,59744053	0,119	0,304
CHR2	5779902	CHR2:5779902	SSF x Near_LoA	-11,0214106	-0,010	0,308
CHR2	5779908	CHR2:5779908	SSF x Near_LoA	-9,17867995	-0,015	0,313
CHR2	5779913	CHR2:5779913	SSF x Near_LoA	-11,4584986	0,018	0,295
CHR2	5779914	CHR2:5779914	SSF x Near_LoA	-9,2100683	-0,093	0,287
CHR2	5779935	CHR2:5779935	SSF x Near_LoA	-11,2777726	0,082	0,305
CHR2	5784785	CHR2:5784785	SSF x Near_LoA	-8,23618401	-0,091	0,324
CHR2	5784854	CHR2:5784854	SSF x Near_LoA	-9,96914855	-0,076	0,305
CHR2	5784890	CHR2:5784890	SSF x Near_LoA	-8,62982837	-0,058	0,318
CHR2	5786501	CHR2:5786501	SSF x Near_LoA	-10,3646705	0,007	0,295
CHR2	5788975	CHR2:5788975	SSF x Near_LoA	-7,71388606	-0,109	0,295
CHR2	5788993	CHR2:5788993	SSF x Near_LoA	-8,74373072	0,158	0,292
CHR2	5788996	CHR2:5788996	SSF x Near_LoA	-4,65115768	0,188	0,299
CHR2	5789018	CHR2:5789018	SSF x Near_LoA	-11,6595874	0,061	0,312
CHR2	5789069	CHR2:5789069	SSF x Near_LoA	-9,9260016	-0,084	0,308
CHR2	5789094	CHR2:5789094	SSF x Near_LoA	-8,04232626	0,127	0,306
CHR2	5792179	CHR2:5792179	SSF x Near_LoA	-7,7300574	0,054	0,311
CHR2	5792372	CHR2:5792372	SSF x Near_LoA	-9,06253054	-0,151	0,308
CHR2	5792381	CHR2:5792381	SSF x Near_LoA	-7,50516289	-0,049	0,292
CHR2	5795513	CHR2:5795513	SSF x Near_LoA	-9,26463493	0,001	0,319
CHR2	5795546	CHR2:5795546	SSF x Near_LoA	-10,976428	-0,027	0,304
CHR2	5796768	CHR2:5796768	SSF x Near_LoA	-9,39966013	-0,014	0,320
CHR2	5796918	CHR2:5796918	SSF x Near_LoA	-8,99569907	-0,005	0,297
CHR2	5796988	CHR2:5796988	SSF x Near_LoA	-10,3703199	0,038	0,322
CHR2	5796991	CHR2:5796991	SSF x Near_LoA	-2,87003387	-0,040	0,303
CHR2	5797014	CHR2:5797014	SSF x Near_LoA	-11,1889771	-0,019	0,307
CHR2	5805160	CHR2:5805160	SSF x Near_LoA	-9,65888116	0,005	0,302
CHR2	5809112	CHR2:5809112	SSF x Near_LoA	-9,04725507	-0,064	0,310
CHR2	5809218	CHR2:5809218	SSF x Near_LoA	-8,62312234	0,010	0,314
CHR2	5815425	CHR2:5815425	SSF x Near_LoA	-7,73271338	-0,116	0,305
CHR2	5815446	CHR2:5815446	SSF x Near_LoA	-11,7854656	0,013	0,291
CHR2	5815473	CHR2:5815473	SSF x Near_LoA	-9,45772935	-0,094	0,312
CHR2	5835264	CHR2:5835264	SSF x Near_LoA	-11,0784042	-0,026	0,294
CHR2	5835314	CHR2:5835314	SSF x Near_LoA	-8,84917892	-0,033	0,300
CHR2	5835317	CHR2:5835317	SSF x Near_LoA	-8,66752689	-0,051	0,298
CHR2	5835322	CHR2:5835322	SSF x Near_LoA	-9,76029929	0,043	0,318
CHR2	5835326	CHR2:5835326	SSF x Near_LoA	-7,34584827	-0,002	0,305
CHR2	5835335	CHR2:5835335	SSF x Near_LoA	-6,76383675	-0,006	0,301
CHR2	5835341	CHR2:5835341	SSF x Near_LoA	-8,29528848	0,066	0,311
CHR2	5835371	CHR2:5835371	SSF x Near_LoA	-3,89918724	-0,090	0,309
CHR2	5835386	CHR2:5835386	SSF x Near_LoA	-11,8046666	0,027	0,298
CHR2	5835389	CHR2:5835389	SSF x Near_LoA	-9,55827197	-0,017	0,299
CHR2	5835487	CHR2:5835487	SSF x Near_LoA	-6,1254404	0,144	0,302
CHR2	5835495	CHR2:5835495	SSF x Near_LoA	-8,92570774	-0,002	0,324
CHR2	5835519	CHR2:5835519	SSF x Near_LoA	-6,9134348	-0,141	0,298
CHR2	5846635	CHR2:5846635	SSF x Near_LoA	-9,95207147	-0,106	0,305
CHR2	5850962	CHR2:5850962	SSF x Near_LoA	-8,80823633	0,071	0,315

CHR2	5851020	CHR2:5851020	SSF x Near_LoA	-9,91953168	0,023	0,287
CHR2	5851096	CHR2:5851096	SSF x Near_LoA	-8,04556265	-0,061	0,310
CHR2	5852860	CHR2:5852860	SSF x Near_LoA	-9,61564827	0,157	0,304
CHR2	5856773	CHR2:5856773	SSF x Near_LoA	-9,59545696	0,025	0,296
CHR2	5856781	CHR2:5856781	SSF x Near_LoA	-10,0446484	-0,013	0,318
CHR2	5856799	CHR2:5856799	SSF x Near_LoA	-9,15773076	-0,036	0,313
CHR2	5856823	CHR2:5856823	SSF x Near_LoA	-10,1594784	-0,084	0,321
CHR2	5856834	CHR2:5856834	SSF x Near_LoA	-6,69471815	0,033	0,303
CHR2	5856873	CHR2:5856873	SSF x Near_LoA	-7,29202147	0,058	0,306
CHR2	5857735	CHR2:5857735	SSF x Near_LoA	-8,02437252	0,033	0,321
CHR2	5857755	CHR2:5857755	SSF x Near_LoA	-7,68914455	0,130	0,312
CHR2	5857760	CHR2:5857760	SSF x Near_LoA	-7,87193889	0,065	0,319
CHR2	587446	CHR2:587446	SSF x Near_LoA	-9,77165549	-0,082	0,304
CHR2	587464	CHR2:587464	SSF x Near_LoA	-10,2371957	-0,029	0,308
CHR2	5874716	CHR2:5874716	SSF x Near_LoA	-9,23022732	0,009	0,306
CHR2	5874717	CHR2:5874717	SSF x Near_LoA	-9,18025251	0,050	0,298
CHR2	5874732	CHR2:5874732	SSF x Near_LoA	-8,78735431	0,013	0,307
CHR2	5874761	CHR2:5874761	SSF x Near_LoA	-8,52375405	-0,058	0,304
CHR2	5874777	CHR2:5874777	SSF x Near_LoA	-9,75430493	0,053	0,313
CHR2	5878916	CHR2:5878916	SSF x Near_LoA	-9,18981119	-0,089	0,311
CHR2	5878999	CHR2:5878999	SSF x Near_LoA	-10,3879406	0,044	0,318
CHR2	5879005	CHR2:5879005	SSF x Near_LoA	-5,80523301	0,054	0,311
CHR2	5879019	CHR2:5879019	SSF x Near_LoA	-9,51706158	0,065	0,304
CHR2	5887402	CHR2:5887402	SSF x Near_LoA	-9,04443229	0,055	0,299
CHR2	5887425	CHR2:5887425	SSF x Near_LoA	-10,4182263	0,021	0,288
CHR2	5887428	CHR2:5887428	SSF x Near_LoA	-10,9275862	0,101	0,304
CHR2	5891373	CHR2:5891373	SSF x Near_LoA	-11,1125719	0,059	0,313
CHR2	5891381	CHR2:5891381	SSF x Near_LoA	-9,48871701	0,051	0,307
CHR2	5891435	CHR2:5891435	SSF x Near_LoA	-8,32869926	-0,058	0,314
CHR2	5891450	CHR2:5891450	SSF x Near_LoA	-10,4432163	0,064	0,306
CHR2	5891451	CHR2:5891451	SSF x Near_LoA	-9,64737459	0,035	0,303
CHR2	5897031	CHR2:5897031	SSF x Near_LoA	-9,2740811	0,042	0,308
CHR2	5897063	CHR2:5897063	SSF x Near_LoA	-9,19196591	-0,014	0,307
CHR2	5899440	CHR2:5899440	SSF x Near_LoA	-9,17397311	0,032	0,318
CHR2	5904139	CHR2:5904139	SSF x Near_LoA	-1,86752007	-0,034	0,304
CHR2	5904169	CHR2:5904169	SSF x Near_LoA	-11,3720321	0,101	0,302
CHR2	5904190	CHR2:5904190	SSF x Near_LoA	-7,22942414	0,003	0,303
CHR2	5904265	CHR2:5904265	SSF x Near_LoA	-9,61963882	0,019	0,313
CHR2	5904360	CHR2:5904360	SSF x Near_LoA	-9,15502011	-0,108	0,296
CHR2	5904361	CHR2:5904361	SSF x Near_LoA	-6,23903959	-0,083	0,302
CHR2	5924723	CHR2:5924723	SSF x Near_LoA	-11,1164077	-0,033	0,308
CHR2	5924748	CHR2:5924748	SSF x Near_LoA	-9,35269287	0,069	0,300
CHR2	5933719	CHR2:5933719	SSF x Near_LoA	-8,40601035	0,107	0,303
CHR2	5933723	CHR2:5933723	SSF x Near_LoA	-7,9784497	0,127	0,299
CHR2	5933813	CHR2:5933813	SSF x Near_LoA	-8,89296453	0,037	0,309
CHR2	5951693	CHR2:5951693	SSF x Near_LoA	-10,2003354	0,091	0,319
CHR2	5951711	CHR2:5951711	SSF x Near_LoA	-11,1209566	0,043	0,312
CHR2	5951775	CHR2:5951775	SSF x Near_LoA	-9,90916978	0,027	0,308
CHR2	5951789	CHR2:5951789	SSF x Near_LoA	-5,7811388	-0,076	0,305
CHR2	5951827	CHR2:5951827	SSF x Near_LoA	-8,02576559	0,002	0,306
CHR2	5951839	CHR2:5951839	SSF x Near_LoA	-8,13962666	0,075	0,310
CHR2	5951909	CHR2:5951909	SSF x Near_LoA	-8,4412685	0,143	0,304
CHR2	5951920	CHR2:5951920	SSF x Near_LoA	-7,65997678	0,086	0,304

CHR2	5953430	CHR2:5953430	SSF x Near_LoA	-9,88882356	-0,031	0,306
CHR2	5953442	CHR2:5953442	SSF x Near_LoA	-7,48301055	0,016	0,297
CHR2	5958014	CHR2:5958014	SSF x Near_LoA	-8,35990714	-0,037	0,308
CHR2	5958033	CHR2:5958033	SSF x Near_LoA	-11,0618124	-0,048	0,304
CHR2	5961299	CHR2:5961299	SSF x Near_LoA	-6,98666261	0,124	0,300
CHR2	5961309	CHR2:5961309	SSF x Near_LoA	-5,29191673	0,171	0,291
CHR2	5961313	CHR2:5961313	SSF x Near_LoA	-7,57555592	0,094	0,306
CHR2	5961334	CHR2:5961334	SSF x Near_LoA	-3,88635017	0,165	0,300
CHR2	5961350	CHR2:5961350	SSF x Near_LoA	-8,14709484	0,054	0,309
CHR2	5961409	CHR2:5961409	SSF x Near_LoA	-9,5514155	-0,071	0,311
CHR2	5961449	CHR2:5961449	SSF x Near_LoA	-8,38524135	-0,113	0,309
CHR2	5961458	CHR2:5961458	SSF x Near_LoA	-10,6334897	0,011	0,322
CHR2	5961459	CHR2:5961459	SSF x Near_LoA	-8,92479851	-0,063	0,307
CHR2	5961489	CHR2:5961489	SSF x Near_LoA	-8,70514439	0,158	0,305
CHR2	5961533	CHR2:5961533	SSF x Near_LoA	-10,5186393	-0,039	0,308
CHR2	5961539	CHR2:5961539	SSF x Near_LoA	-10,2947795	0,062	0,313
CHR2	5963431	CHR2:5963431	SSF x Near_LoA	-9,2848691	0,094	0,308
CHR2	5963444	CHR2:5963444	SSF x Near_LoA	-7,7941849	0,153	0,303
CHR2	5963491	CHR2:5963491	SSF x Near_LoA	-9,47698056	0,097	0,302
CHR2	5963510	CHR2:5963510	SSF x Near_LoA	-9,76870568	-0,055	0,301
CHR2	5963532	CHR2:5963532	SSF x Near_LoA	-2,96132077	-0,001	0,319
CHR2	5963536	CHR2:5963536	SSF x Near_LoA	-10,2769577	0,012	0,318
CHR2	5963584	CHR2:5963584	SSF x Near_LoA	-9,96987442	-0,005	0,313
CHR2	596863	CHR2:596863	SSF x Near_LoA	-9,18538691	0,031	0,315
CHR2	596923	CHR2:596923	SSF x Near_LoA	-11,1306384	0,061	0,298
CHR2	597055	CHR2:597055	SSF x Near_LoA	-9,10040373	0,043	0,301
CHR2	5974555	CHR2:5974555	SSF x Near_LoA	-11,4989084	0,078	0,295
CHR2	5974589	CHR2:5974589	SSF x Near_LoA	-7,65180564	0,124	0,306
CHR2	5974599	CHR2:5974599	SSF x Near_LoA	-10,9784966	0,026	0,310
CHR2	5974619	CHR2:5974619	SSF x Near_LoA	-9,01123782	-0,032	0,309
CHR2	5974667	CHR2:5974667	SSF x Near_LoA	-7,85845705	0,016	0,300
CHR2	5974702	CHR2:5974702	SSF x Near_LoA	-7,93509798	0,077	0,300
CHR2	5974727	CHR2:5974727	SSF x Near_LoA	-11,4908972	0,076	0,304
CHR2	5974733	CHR2:5974733	SSF x Near_LoA	-11,0354793	0,090	0,316
CHR2	5974742	CHR2:5974742	SSF x Near_LoA	-9,97688084	0,054	0,307
CHR2	5974782	CHR2:5974782	SSF x Near_LoA	-10,5679922	0,052	0,309
CHR2	5980695	CHR2:5980695	SSF x Near_LoA	-8,81678133	0,045	0,311
CHR2	5995003	CHR2:5995003	SSF x Near_LoA	-7,70598967	0,096	0,297
CHR2	5995013	CHR2:5995013	SSF x Near_LoA	-10,7925885	0,010	0,320
CHR2	5995021	CHR2:5995021	SSF x Near_LoA	-9,18302868	0,073	0,313
CHR2	5995034	CHR2:5995034	SSF x Near_LoA	-10,0409958	0,029	0,302
CHR2	5995047	CHR2:5995047	SSF x Near_LoA	-8,65848775	0,073	0,314
CHR2	5996842	CHR2:5996842	SSF x Near_LoA	-8,3947068	-0,015	0,320
CHR2	5996922	CHR2:5996922	SSF x Near_LoA	-8,8248321	0,011	0,303
CHR2	6005325	CHR2:6005325	SSF x Near_LoA	-5,79488538	-0,077	0,305
CHR2	6005361	CHR2:6005361	SSF x Near_LoA	-11,6120134	-0,034	0,315
CHR2	6005401	CHR2:6005401	SSF x Near_LoA	-9,94758198	0,045	0,314
CHR2	6018624	CHR2:6018624	SSF x Near_LoA	-11,6125848	0,123	0,293
CHR2	6018686	CHR2:6018686	SSF x Near_LoA	-7,78436217	0,053	0,312
CHR2	6018721	CHR2:6018721	SSF x Near_LoA	-6,69923285	-0,178	0,281
CHR2	6022734	CHR2:6022734	SSF x Near_LoA	-8,33687808	-0,046	0,303
CHR2	6022747	CHR2:6022747	SSF x Near_LoA	-10,0497164	-0,027	0,308
CHR2	6022860	CHR2:6022860	SSF x Near_LoA	-10,1282572	0,074	0,309

CHR2	6022989	CHR2:6022989	SSF x Near_LoA	-11,0039705	0,023	0,295
CHR2	6026736	CHR2:6026736	SSF x Near_LoA	-5,94570046	-0,111	0,309
CHR2	6026784	CHR2:6026784	SSF x Near_LoA	-9,0598871	-0,070	0,317
CHR2	6026852	CHR2:6026852	SSF x Near_LoA	-9,40191695	0,048	0,314
CHR2	6028883	CHR2:6028883	SSF x Near_LoA	-10,2878654	-0,046	0,298
CHR2	6030821	CHR2:6030821	SSF x Near_LoA	-9,77855872	-0,004	0,313
CHR2	6030835	CHR2:6030835	SSF x Near_LoA	-8,3375341	0,042	0,306
CHR2	6030845	CHR2:6030845	SSF x Near_LoA	-7,34000172	0,119	0,306
CHR2	6030871	CHR2:6030871	SSF x Near_LoA	-6,70036831	0,037	0,304
CHR2	6030967	CHR2:6030967	SSF x Near_LoA	-7,61976262	0,053	0,304
CHR2	6033870	CHR2:6033870	SSF x Near_LoA	-7,0243481	0,104	0,316
CHR2	6034582	CHR2:6034582	SSF x Near_LoA	-9,92834293	-0,085	0,301
CHR2	6050578	CHR2:6050578	SSF x Near_LoA	-7,75820507	-0,123	0,294
CHR2	6050592	CHR2:6050592	SSF x Near_LoA	-11,3910756	-0,014	0,312
CHR2	6050672	CHR2:6050672	SSF x Near_LoA	-8,62666774	0,084	0,310
CHR2	6060966	CHR2:6060966	SSF x Near_LoA	-8,00160576	0,086	0,315
CHR2	6061072	CHR2:6061072	SSF x Near_LoA	-11,3173664	0,052	0,300
CHR2	6061096	CHR2:6061096	SSF x Near_LoA	-9,79430661	-0,081	0,300
CHR2	6061226	CHR2:6061226	SSF x Near_LoA	-10,3293549	-0,163	0,296
CHR2	6062943	CHR2:6062943	SSF x Near_LoA	-11,5580495	0,116	0,294
CHR2	6062953	CHR2:6062953	SSF x Near_LoA	-6,65858966	0,087	0,322
CHR2	6062969	CHR2:6062969	SSF x Near_LoA	-11,5136426	0,016	0,307
CHR2	6063038	CHR2:6063038	SSF x Near_LoA	-10,6648793	-0,003	0,292
CHR2	6063054	CHR2:6063054	SSF x Near_LoA	-8,86622857	0,010	0,317
CHR2	6063073	CHR2:6063073	SSF x Near_LoA	-5,32125144	-0,236	0,303
CHR2	6063122	CHR2:6063122	SSF x Near_LoA	-6,25389905	-0,188	0,304
CHR2	6063172	CHR2:6063172	SSF x Near_LoA	-9,11402971	0,120	0,303
CHR2	6069875	CHR2:6069875	SSF x Near_LoA	-11,160336	0,005	0,299
CHR2	6073158	CHR2:6073158	SSF x Near_LoA	-8,27464257	-0,005	0,301
CHR2	6073160	CHR2:6073160	SSF x Near_LoA	-9,06205454	-0,018	0,295
CHR2	6078471	CHR2:6078471	SSF x Near_LoA	-7,36300771	-0,109	0,298
CHR2	6078551	CHR2:6078551	SSF x Near_LoA	-9,02162791	0,038	0,286
CHR2	6097202	CHR2:6097202	SSF x Near_LoA	-8,22926328	0,192	0,301
CHR2	6097213	CHR2:6097213	SSF x Near_LoA	-9,43508535	-0,100	0,308
CHR2	6097247	CHR2:6097247	SSF x Near_LoA	-10,2625148	-0,129	0,312
CHR2	6097257	CHR2:6097257	SSF x Near_LoA	-7,79802507	-0,108	0,298
CHR2	6097356	CHR2:6097356	SSF x Near_LoA	-9,07426228	0,016	0,302
CHR2	6097372	CHR2:6097372	SSF x Near_LoA	-7,45180447	-0,122	0,309
CHR2	6097374	CHR2:6097374	SSF x Near_LoA	-9,45646293	-0,107	0,294
CHR2	6112460	CHR2:6112460	SSF x Near_LoA	-8,91696448	-0,012	0,302
CHR2	6118112	CHR2:6118112	SSF x Near_LoA	-9,78664842	0,064	0,306
CHR2	6118126	CHR2:6118126	SSF x Near_LoA	-10,162756	-0,067	0,309
CHR2	6118127	CHR2:6118127	SSF x Near_LoA	-9,92710577	-0,043	0,306
CHR2	6118220	CHR2:6118220	SSF x Near_LoA	-9,37194622	-0,155	0,287
CHR2	6118259	CHR2:6118259	SSF x Near_LoA	-8,44528539	-0,114	0,299
CHR2	6118263	CHR2:6118263	SSF x Near_LoA	-9,59745441	-0,024	0,318
CHR2	6118340	CHR2:6118340	SSF x Near_LoA	-6,70677262	0,037	0,314
CHR2	6133483	CHR2:6133483	SSF x Near_LoA	-8,82663045	-0,074	0,292
CHR2	6140669	CHR2:6140669	SSF x Near_LoA	-8,28422563	-0,024	0,324
CHR2	6141651	CHR2:6141651	SSF x Near_LoA	-10,4459889	-0,009	0,320
CHR2	6141666	CHR2:6141666	SSF x Near_LoA	-9,05996662	0,046	0,310
CHR2	6141783	CHR2:6141783	SSF x Near_LoA	-8,1788445	-0,083	0,308
CHR2	6158990	CHR2:6158990	SSF x Near_LoA	-11,0524594	0,009	0,304

CHR2	6165665	CHR2:6165665	SSF x Near_LoA	-9,34671828	-0,146	0,303
CHR2	6165748	CHR2:6165748	SSF x Near_LoA	-7,57075913	0,181	0,306
CHR2	6173178	CHR2:6173178	SSF x Near_LoA	-8,59573911	0,058	0,303
CHR2	6178081	CHR2:6178081	SSF x Near_LoA	-6,57738297	0,204	0,297
CHR2	6178102	CHR2:6178102	SSF x Near_LoA	-6,88325987	0,149	0,283
CHR2	6178123	CHR2:6178123	SSF x Near_LoA	-10,0268558	-0,077	0,299
CHR2	6178124	CHR2:6178124	SSF x Near_LoA	-9,40564254	0,063	0,300
CHR2	6178142	CHR2:6178142	SSF x Near_LoA	-10,4032403	-0,008	0,313
CHR2	6178186	CHR2:6178186	SSF x Near_LoA	-9,63481073	0,041	0,311
CHR2	6178189	CHR2:6178189	SSF x Near_LoA	-9,51029368	0,045	0,311
CHR2	6184023	CHR2:6184023	SSF x Near_LoA	-8,65288449	-0,101	0,305
CHR2	6199393	CHR2:6199393	SSF x Near_LoA	-8,51730808	-0,012	0,289
CHR2	6199489	CHR2:6199489	SSF x Near_LoA	-9,79242321	-0,087	0,310
CHR2	6199694	CHR2:6199694	SSF x Near_LoA	-9,79121892	-0,094	0,303
CHR2	620196	CHR2:620196	SSF x Near_LoA	-9,45010487	0,033	0,311
CHR2	620197	CHR2:620197	SSF x Near_LoA	-9,72787813	-0,025	0,309
CHR2	620299	CHR2:620299	SSF x Near_LoA	-7,51645744	-0,022	0,308
CHR2	6213329	CHR2:6213329	SSF x Near_LoA	-8,70626652	0,084	0,318
CHR2	6213343	CHR2:6213343	SSF x Near_LoA	-3,2625199	0,129	0,302
CHR2	6213429	CHR2:6213429	SSF x Near_LoA	-8,07174712	0,076	0,321
CHR2	6213430	CHR2:6213430	SSF x Near_LoA	-7,81068055	0,062	0,311
CHR2	6213447	CHR2:6213447	SSF x Near_LoA	-5,77448744	-0,211	0,297
CHR2	6213501	CHR2:6213501	SSF x Near_LoA	-10,4847525	0,006	0,312
CHR2	6234840	CHR2:6234840	SSF x Near_LoA	-9,96208925	0,061	0,309
CHR2	6234873	CHR2:6234873	SSF x Near_LoA	-9,23266204	0,002	0,303
CHR2	6234900	CHR2:6234900	SSF x Near_LoA	-7,97230342	-0,012	0,306
CHR2	6234917	CHR2:6234917	SSF x Near_LoA	-8,22239322	0,137	0,294
CHR2	6237833	CHR2:6237833	SSF x Near_LoA	-8,76787869	0,037	0,311
CHR2	6237834	CHR2:6237834	SSF x Near_LoA	-9,0307392	0,058	0,305
CHR2	6237850	CHR2:6237850	SSF x Near_LoA	-10,7606817	0,032	0,304
CHR2	6237864	CHR2:6237864	SSF x Near_LoA	-10,2732581	0,062	0,305
CHR2	6245529	CHR2:6245529	SSF x Near_LoA	-6,47163792	0,116	0,300
CHR2	6249228	CHR2:6249228	SSF x Near_LoA	-10,3823496	-0,016	0,307
CHR2	6249233	CHR2:6249233	SSF x Near_LoA	-8,49295803	-0,043	0,315
CHR2	6249677	CHR2:6249677	SSF x Near_LoA	-7,71691631	0,068	0,310
CHR2	6249700	CHR2:6249700	SSF x Near_LoA	-9,95653139	0,093	0,296
CHR2	6249752	CHR2:6249752	SSF x Near_LoA	-10,1459469	-0,017	0,317
CHR2	6251759	CHR2:6251759	SSF x Near_LoA	-10,7885385	-0,062	0,301
CHR2	6254002	CHR2:6254002	SSF x Near_LoA	-9,69000909	-0,010	0,306
CHR2	6258466	CHR2:6258466	SSF x Near_LoA	-11,1067206	0,031	0,314
CHR2	6258537	CHR2:6258537	SSF x Near_LoA	-8,71820352	-0,032	0,315
CHR2	6258628	CHR2:6258628	SSF x Near_LoA	-9,51803513	0,085	0,312
CHR2	6258670	CHR2:6258670	SSF x Near_LoA	-11,9023709	0,041	0,315
CHR2	6262354	CHR2:6262354	SSF x Near_LoA	-10,5993895	-0,031	0,304
CHR2	6262385	CHR2:6262385	SSF x Near_LoA	-6,63781638	-0,070	0,311
CHR2	6262475	CHR2:6262475	SSF x Near_LoA	-10,5909219	0,002	0,309
CHR2	6262483	CHR2:6262483	SSF x Near_LoA	-10,8200643	0,003	0,294
CHR2	6266623	CHR2:6266623	SSF x Near_LoA	-9,38028359	0,034	0,308
CHR2	6266673	CHR2:6266673	SSF x Near_LoA	-9,68991416	-0,025	0,301
CHR2	6267221	CHR2:6267221	SSF x Near_LoA	-11,0390094	0,101	0,296
CHR2	6271296	CHR2:6271296	SSF x Near_LoA	-9,78857392	-0,027	0,312
CHR2	6271325	CHR2:6271325	SSF x Near_LoA	-11,7067061	-0,018	0,290
CHR2	6271364	CHR2:6271364	SSF x Near_LoA	-10,744781	0,097	0,307

CHR2	6271366	CHR2:6271366	SSF x Near_LoA	-10,4754201	0,098	0,311
CHR2	6271375	CHR2:6271375	SSF x Near_LoA	-10,7503076	0,084	0,307
CHR2	6271381	CHR2:6271381	SSF x Near_LoA	-7,272999	0,031	0,314
CHR2	6271395	CHR2:6271395	SSF x Near_LoA	-10,268138	0,009	0,320
CHR2	6271406	CHR2:6271406	SSF x Near_LoA	-8,57034848	0,040	0,314
CHR2	6271466	CHR2:6271466	SSF x Near_LoA	-11,6276347	-0,006	0,300
CHR2	6271470	CHR2:6271470	SSF x Near_LoA	-11,1510663	0,031	0,308
CHR2	6273791	CHR2:6273791	SSF x Near_LoA	-4,33221394	0,157	0,286
CHR2	6273815	CHR2:6273815	SSF x Near_LoA	-7,9447271	-0,071	0,319
CHR2	6273821	CHR2:6273821	SSF x Near_LoA	-9,05354967	0,023	0,315
CHR2	6273830	CHR2:6273830	SSF x Near_LoA	-8,56744228	-0,049	0,319
CHR2	6273879	CHR2:6273879	SSF x Near_LoA	-9,51922059	-0,097	0,310
CHR2	6273906	CHR2:6273906	SSF x Near_LoA	-7,74407367	-0,038	0,305
CHR2	6276012	CHR2:6276012	SSF x Near_LoA	-7,28048716	-0,077	0,280
CHR2	6276078	CHR2:6276078	SSF x Near_LoA	-6,74369594	0,045	0,305
CHR2	6276398	CHR2:6276398	SSF x Near_LoA	-11,0185045	-0,050	0,314
CHR2	6276439	CHR2:6276439	SSF x Near_LoA	-8,35146237	-0,005	0,307
CHR2	6299242	CHR2:6299242	SSF x Near_LoA	-10,7640123	-0,014	0,304
CHR2	6300473	CHR2:6300473	SSF x Near_LoA	-10,0327835	0,044	0,307
CHR2	6300474	CHR2:6300474	SSF x Near_LoA	-9,16931268	0,056	0,313
CHR2	6307046	CHR2:6307046	SSF x Near_LoA	-8,60799736	0,077	0,299
CHR2	6307069	CHR2:6307069	SSF x Near_LoA	-5,86613242	-0,078	0,307
CHR2	6307143	CHR2:6307143	SSF x Near_LoA	-8,93575815	-0,010	0,298
CHR2	6307192	CHR2:6307192	SSF x Near_LoA	-10,858018	0,057	0,301
CHR2	6307359	CHR2:6307359	SSF x Near_LoA	-6,3070052	-0,039	0,322
CHR2	6313717	CHR2:6313717	SSF x Near_LoA	-11,4952374	0,045	0,304
CHR2	6313763	CHR2:6313763	SSF x Near_LoA	-9,71419642	0,058	0,310
CHR2	6313776	CHR2:6313776	SSF x Near_LoA	-9,33490486	-0,058	0,303
CHR2	6313963	CHR2:6313963	SSF x Near_LoA	-8,66197739	0,022	0,312
CHR2	6313971	CHR2:6313971	SSF x Near_LoA	-10,0694372	-0,045	0,319
CHR2	6317979	CHR2:6317979	SSF x Near_LoA	-10,0379877	0,039	0,309
CHR2	6318007	CHR2:6318007	SSF x Near_LoA	-8,03246472	0,054	0,320
CHR2	6318014	CHR2:6318014	SSF x Near_LoA	-9,23820216	-0,045	0,318
CHR2	6318032	CHR2:6318032	SSF x Near_LoA	-8,53478706	0,053	0,319
CHR2	6318059	CHR2:6318059	SSF x Near_LoA	-8,91846495	0,039	0,313
CHR2	6318061	CHR2:6318061	SSF x Near_LoA	-8,5878249	-0,021	0,320
CHR2	6326142	CHR2:6326142	SSF x Near_LoA	-10,1739343	-0,021	0,302
CHR2	6326224	CHR2:6326224	SSF x Near_LoA	-9,00282612	0,078	0,300
CHR2	6327307	CHR2:6327307	SSF x Near_LoA	-9,11808489	-0,147	0,314
CHR2	6331059	CHR2:6331059	SSF x Near_LoA	-9,63769418	-0,079	0,297
CHR2	6333086	CHR2:6333086	SSF x Near_LoA	-8,24469615	-0,132	0,292
CHR2	6333171	CHR2:6333171	SSF x Near_LoA	-9,41350392	-0,115	0,312
CHR2	6338565	CHR2:6338565	SSF x Near_LoA	-6,21327792	-0,140	0,320
CHR2	6338637	CHR2:6338637	SSF x Near_LoA	-11,2440862	0,095	0,315
CHR2	6338639	CHR2:6338639	SSF x Near_LoA	-8,88918664	0,012	0,302
CHR2	6338886	CHR2:6338886	SSF x Near_LoA	-9,98727268	-0,088	0,305
CHR2	6343910	CHR2:6343910	SSF x Near_LoA	-8,36951308	0,100	0,303
CHR2	6343932	CHR2:6343932	SSF x Near_LoA	-10,0580066	0,079	0,310
CHR2	6343968	CHR2:6343968	SSF x Near_LoA	-9,59361907	-0,049	0,315
CHR2	6343978	CHR2:6343978	SSF x Near_LoA	-11,013064	-0,008	0,309
CHR2	6360235	CHR2:6360235	SSF x Near_LoA	-8,42637912	0,102	0,314
CHR2	6360331	CHR2:6360331	SSF x Near_LoA	-10,530003	-0,093	0,313
CHR2	6377885	CHR2:6377885	SSF x Near_LoA	-6,4953128	-0,090	0,303

CHR2	638347	CHR2:638347	SSF x Near_LoA	-9,99811204	-0,114	0,304
CHR2	638351	CHR2:638351	SSF x Near_LoA	-8,55710693	-0,071	0,312
CHR2	638352	CHR2:638352	SSF x Near_LoA	-8,40344629	-0,057	0,328
CHR2	6390223	CHR2:6390223	SSF x Near_LoA	-10,2500397	0,020	0,302
CHR2	6390260	CHR2:6390260	SSF x Near_LoA	-10,2547731	0,029	0,317
CHR2	6412549	CHR2:6412549	SSF x Near_LoA	-8,99263313	-0,084	0,310
CHR2	6412610	CHR2:6412610	SSF x Near_LoA	-7,65652455	0,032	0,312
CHR2	6412712	CHR2:6412712	SSF x Near_LoA	-10,7997387	-0,025	0,323
CHR2	6414549	CHR2:6414549	SSF x Near_LoA	-8,00263105	-0,056	0,306
CHR2	6414615	CHR2:6414615	SSF x Near_LoA	-9,32259224	-0,037	0,314
CHR2	6414641	CHR2:6414641	SSF x Near_LoA	-10,5427646	0,016	0,317
CHR2	642292	CHR2:642292	SSF x Near_LoA	-10,7703699	0,026	0,316
CHR2	643236	CHR2:643236	SSF x Near_LoA	-9,34695843	0,094	0,307
CHR2	6441348	CHR2:6441348	SSF x Near_LoA	-11,2698864	0,040	0,312
CHR2	6441361	CHR2:6441361	SSF x Near_LoA	-10,5504038	0,039	0,311
CHR2	6441366	CHR2:6441366	SSF x Near_LoA	-10,2216962	0,004	0,316
CHR2	6441369	CHR2:6441369	SSF x Near_LoA	-8,70292748	-0,090	0,306
CHR2	6441376	CHR2:6441376	SSF x Near_LoA	-10,8759248	0,060	0,314
CHR2	6441410	CHR2:6441410	SSF x Near_LoA	-8,90643634	0,039	0,294
CHR2	6441477	CHR2:6441477	SSF x Near_LoA	-11,6348189	-0,030	0,305
CHR2	6441523	CHR2:6441523	SSF x Near_LoA	-10,9637147	-0,014	0,291
CHR2	6441534	CHR2:6441534	SSF x Near_LoA	-10,9512507	-0,026	0,306
CHR2	6446100	CHR2:6446100	SSF x Near_LoA	-12,359419	-0,017	0,277
CHR2	6451665	CHR2:6451665	SSF x Near_LoA	-8,86385296	-0,033	0,309
CHR2	6451759	CHR2:6451759	SSF x Near_LoA	-11,1455722	0,046	0,310
CHR2	6451831	CHR2:6451831	SSF x Near_LoA	-3,08786843	-0,169	0,305
CHR2	6454608	CHR2:6454608	SSF x Near_LoA	-8,23593214	-0,012	0,306
CHR2	6467142	CHR2:6467142	SSF x Near_LoA	-7,02762866	0,102	0,309
CHR2	6467905	CHR2:6467905	SSF x Near_LoA	-8,68244193	-0,049	0,316
CHR2	6467972	CHR2:6467972	SSF x Near_LoA	-9,38209582	-0,002	0,307
CHR2	6469574	CHR2:6469574	SSF x Near_LoA	-7,48856676	0,089	0,308
CHR2	6469583	CHR2:6469583	SSF x Near_LoA	-5,75535623	0,115	0,305
CHR2	6469586	CHR2:6469586	SSF x Near_LoA	-7,42979946	0,084	0,322
CHR2	6469664	CHR2:6469664	SSF x Near_LoA	-10,1200076	0,025	0,324
CHR2	6471958	CHR2:6471958	SSF x Near_LoA	-10,0165601	-0,069	0,316
CHR2	6472001	CHR2:6472001	SSF x Near_LoA	-10,1494729	-0,065	0,305
CHR2	6472053	CHR2:6472053	SSF x Near_LoA	-3,96035338	0,100	0,311
CHR2	6472061	CHR2:6472061	SSF x Near_LoA	-8,52337851	0,064	0,317
CHR2	6472071	CHR2:6472071	SSF x Near_LoA	-8,92118675	0,060	0,315
CHR2	6472083	CHR2:6472083	SSF x Near_LoA	-8,36119541	-0,061	0,321
CHR2	6485900	CHR2:6485900	SSF x Near_LoA	-8,27245373	0,117	0,308
CHR2	6485979	CHR2:6485979	SSF x Near_LoA	-5,84973912	0,058	0,310
CHR2	6486090	CHR2:6486090	SSF x Near_LoA	-9,65270907	-0,094	0,307
CHR2	6490146	CHR2:6490146	SSF x Near_LoA	-8,32561836	-0,081	0,289
CHR2	650746	CHR2:650746	SSF x Near_LoA	-9,97460491	0,030	0,322
CHR2	650760	CHR2:650760	SSF x Near_LoA	-8,511972	0,109	0,297
CHR2	650776	CHR2:650776	SSF x Near_LoA	-10,1703888	0,023	0,313
CHR2	6517249	CHR2:6517249	SSF x Near_LoA	-10,9265676	0,054	0,310
CHR2	6517935	CHR2:6517935	SSF x Near_LoA	-8,35625975	-0,098	0,306
CHR2	6521256	CHR2:6521256	SSF x Near_LoA	-8,39884723	0,134	0,301
CHR2	6530038	CHR2:6530038	SSF x Near_LoA	-9,58776117	-0,140	0,306
CHR2	6531504	CHR2:6531504	SSF x Near_LoA	-7,98805835	-0,038	0,299
CHR2	6536804	CHR2:6536804	SSF x Near_LoA	-10,3676266	-0,079	0,301

CHR2	6536819	CHR2:6536819	SSF x Near_LoA	-7,79625662	-0,076	0,303
CHR2	6536838	CHR2:6536838	SSF x Near_LoA	-10,8479736	0,070	0,300
CHR2	6536874	CHR2:6536874	SSF x Near_LoA	-10,1118167	0,110	0,294
CHR2	6536880	CHR2:6536880	SSF x Near_LoA	0,38360906	-0,165	0,304
CHR2	6539450	CHR2:6539450	SSF x Near_LoA	-0,487343	-0,051	0,312
CHR2	6545232	CHR2:6545232	SSF x Near_LoA	-10,7189921	-0,024	0,288
CHR2	6545238	CHR2:6545238	SSF x Near_LoA	-10,4925795	-0,014	0,286
CHR2	6562635	CHR2:6562635	SSF x Near_LoA	-11,0619411	-0,023	0,287
CHR2	6562718	CHR2:6562718	SSF x Near_LoA	-8,59051355	-0,122	0,311
CHR2	6562772	CHR2:6562772	SSF x Near_LoA	-10,6155427	-0,056	0,325
CHR2	6562820	CHR2:6562820	SSF x Near_LoA	-8,82796762	-0,140	0,292
CHR2	6565011	CHR2:6565011	SSF x Near_LoA	-9,19577725	-0,054	0,317
CHR2	6569235	CHR2:6569235	SSF x Near_LoA	-9,04997008	0,060	0,304
CHR2	6573845	CHR2:6573845	SSF x Near_LoA	-9,50368403	0,076	0,310
CHR2	6573901	CHR2:6573901	SSF x Near_LoA	-8,10874094	0,156	0,299
CHR2	6574067	CHR2:6574067	SSF x Near_LoA	-10,6792947	0,009	0,299
CHR2	6580917	CHR2:6580917	SSF x Near_LoA	-8,05555152	0,126	0,297
CHR2	6582829	CHR2:6582829	SSF x Near_LoA	-9,05708093	0,111	0,315
CHR2	6588002	CHR2:6588002	SSF x Near_LoA	-10,1577331	0,035	0,314
CHR2	6588080	CHR2:6588080	SSF x Near_LoA	-7,55838679	-0,013	0,314
CHR2	6588236	CHR2:6588236	SSF x Near_LoA	-9,78223722	-0,023	0,302
CHR2	6593864	CHR2:6593864	SSF x Near_LoA	-7,4265711	0,074	0,316
CHR2	6593894	CHR2:6593894	SSF x Near_LoA	-11,3302899	0,034	0,294
CHR2	6593951	CHR2:6593951	SSF x Near_LoA	-7,72519108	-0,001	0,310
CHR2	6593956	CHR2:6593956	SSF x Near_LoA	-10,7020276	0,012	0,308
CHR2	6593957	CHR2:6593957	SSF x Near_LoA	-10,3326661	-0,016	0,304
CHR2	6594081	CHR2:6594081	SSF x Near_LoA	-11,1394952	0,064	0,315
CHR2	6594091	CHR2:6594091	SSF x Near_LoA	-11,9469237	0,010	0,297
CHR2	6594093	CHR2:6594093	SSF x Near_LoA	-7,81453355	-0,017	0,315
CHR2	6594100	CHR2:6594100	SSF x Near_LoA	-8,94445748	-0,027	0,300
CHR2	6594105	CHR2:6594105	SSF x Near_LoA	-9,65797703	-0,001	0,312
CHR2	6594126	CHR2:6594126	SSF x Near_LoA	-9,21743544	0,091	0,308
CHR2	659811	CHR2:659811	SSF x Near_LoA	-11,5039383	-0,058	0,304
CHR2	6609179	CHR2:6609179	SSF x Near_LoA	-8,4920775	0,011	0,308
CHR2	6609293	CHR2:6609293	SSF x Near_LoA	-1,70403003	-0,026	0,303
CHR2	6609301	CHR2:6609301	SSF x Near_LoA	-7,99187171	-0,141	0,295
CHR2	6612880	CHR2:6612880	SSF x Near_LoA	-8,02929084	0,061	0,309
CHR2	6612906	CHR2:6612906	SSF x Near_LoA	-9,57713678	-0,062	0,303
CHR2	6612914	CHR2:6612914	SSF x Near_LoA	-9,30635327	-0,040	0,315
CHR2	6612934	CHR2:6612934	SSF x Near_LoA	-8,21479332	-0,017	0,313
CHR2	6615978	CHR2:6615978	SSF x Near_LoA	-9,93917401	-0,121	0,313
CHR2	6615991	CHR2:6615991	SSF x Near_LoA	-3,61185547	-0,197	0,301
CHR2	6615997	CHR2:6615997	SSF x Near_LoA	-8,35155985	0,118	0,293
CHR2	6627061	CHR2:6627061	SSF x Near_LoA	-9,00215378	-0,098	0,312
CHR2	6630351	CHR2:6630351	SSF x Near_LoA	-9,9998082	0,156	0,302
CHR2	6630360	CHR2:6630360	SSF x Near_LoA	-9,42692043	0,062	0,295
CHR2	6630377	CHR2:6630377	SSF x Near_LoA	-7,57768931	-0,030	0,314
CHR2	6630394	CHR2:6630394	SSF x Near_LoA	-10,3196471	-0,065	0,298
CHR2	6630428	CHR2:6630428	SSF x Near_LoA	-5,93083164	0,123	0,302
CHR2	6630433	CHR2:6630433	SSF x Near_LoA	-9,29262021	0,032	0,310
CHR2	6630439	CHR2:6630439	SSF x Near_LoA	-9,44305491	-0,002	0,308
CHR2	6630441	CHR2:6630441	SSF x Near_LoA	-7,58446952	-0,101	0,294
CHR2	6630461	CHR2:6630461	SSF x Near_LoA	-5,55136073	-0,053	0,309

CHR2	6633530	CHR2:6633530	SSF x Near_LoA	-8,207252	-0,012	0,310
CHR2	6633567	CHR2:6633567	SSF x Near_LoA	-8,6084553	0,048	0,309
CHR2	6633604	CHR2:6633604	SSF x Near_LoA	-9,6527465	0,039	0,299
CHR2	6633646	CHR2:6633646	SSF x Near_LoA	-9,53407706	-0,028	0,308
CHR2	6638507	CHR2:6638507	SSF x Near_LoA	-8,94137181	0,098	0,306
CHR2	6638551	CHR2:6638551	SSF x Near_LoA	-7,65868215	0,111	0,304
CHR2	6638564	CHR2:6638564	SSF x Near_LoA	-8,04117138	-0,041	0,297
CHR2	6638571	CHR2:6638571	SSF x Near_LoA	-9,34728251	0,148	0,302
CHR2	6639774	CHR2:6639774	SSF x Near_LoA	-10,8845633	0,052	0,307
CHR2	6639931	CHR2:6639931	SSF x Near_LoA	-11,108256	0,040	0,305
CHR2	6639934	CHR2:6639934	SSF x Near_LoA	-11,8446553	0,084	0,298
CHR2	6640025	CHR2:6640025	SSF x Near_LoA	-8,17225264	0,056	0,319
CHR2	6641426	CHR2:6641426	SSF x Near_LoA	-9,47353644	0,050	0,302
CHR2	6641485	CHR2:6641485	SSF x Near_LoA	-6,79751924	0,070	0,287
CHR2	6649334	CHR2:6649334	SSF x Near_LoA	-12,2845739	0,016	0,297
CHR2	6649555	CHR2:6649555	SSF x Near_LoA	-8,12740449	-0,096	0,289
CHR2	6656352	CHR2:6656352	SSF x Near_LoA	-10,1519667	-0,093	0,323
CHR2	6656398	CHR2:6656398	SSF x Near_LoA	-11,8858471	-0,005	0,314
CHR2	6656422	CHR2:6656422	SSF x Near_LoA	-8,08558822	-0,055	0,293
CHR2	6656478	CHR2:6656478	SSF x Near_LoA	-10,7523883	0,020	0,320
CHR2	6656479	CHR2:6656479	SSF x Near_LoA	-10,7328033	-0,054	0,300
CHR2	6656576	CHR2:6656576	SSF x Near_LoA	-9,99508613	-0,038	0,314
CHR2	6656587	CHR2:6656587	SSF x Near_LoA	-9,76655045	-0,033	0,313
CHR2	6658615	CHR2:6658615	SSF x Near_LoA	-12,1940365	0,012	0,307
CHR2	6658647	CHR2:6658647	SSF x Near_LoA	-9,42284952	-0,076	0,301
CHR2	6658698	CHR2:6658698	SSF x Near_LoA	-6,88246458	-0,173	0,296
CHR2	6658838	CHR2:6658838	SSF x Near_LoA	-9,77273987	0,027	0,292
CHR2	6658859	CHR2:6658859	SSF x Near_LoA	-10,8256609	-0,084	0,288
CHR2	6685150	CHR2:6685150	SSF x Near_LoA	-8,37090311	-0,049	0,315
CHR2	6685151	CHR2:6685151	SSF x Near_LoA	-8,69266242	-0,073	0,311
CHR2	6685212	CHR2:6685212	SSF x Near_LoA	-10,0378067	0,070	0,304
CHR2	6687425	CHR2:6687425	SSF x Near_LoA	-9,52468457	-0,029	0,308
CHR2	6687580	CHR2:6687580	SSF x Near_LoA	-7,5271692	0,079	0,311
CHR2	6687607	CHR2:6687607	SSF x Near_LoA	-7,59807202	0,156	0,296
CHR2	6689548	CHR2:6689548	SSF x Near_LoA	-5,49180791	0,155	0,296
CHR2	6729805	CHR2:6729805	SSF x Near_LoA	-11,3844687	0,096	0,304
CHR2	6729898	CHR2:6729898	SSF x Near_LoA	-5,42783215	-0,201	0,292
CHR2	6729967	CHR2:6729967	SSF x Near_LoA	-10,1913353	-0,103	0,303
CHR2	6730055	CHR2:6730055	SSF x Near_LoA	-8,98092145	-0,038	0,300
CHR2	6739395	CHR2:6739395	SSF x Near_LoA	-7,36455914	-0,144	0,315
CHR2	6739404	CHR2:6739404	SSF x Near_LoA	-9,95712585	-0,113	0,298
CHR2	6739433	CHR2:6739433	SSF x Near_LoA	-8,26669284	0,102	0,307
CHR2	6739586	CHR2:6739586	SSF x Near_LoA	-8,59320683	-0,046	0,305
CHR2	6739590	CHR2:6739590	SSF x Near_LoA	-8,84844799	-0,061	0,307
CHR2	6743782	CHR2:6743782	SSF x Near_LoA	-7,92508403	0,038	0,310
CHR2	6751108	CHR2:6751108	SSF x Near_LoA	-8,58365199	-0,041	0,312
CHR2	6751132	CHR2:6751132	SSF x Near_LoA	-9,43921876	0,058	0,294
CHR2	6751278	CHR2:6751278	SSF x Near_LoA	-10,2121908	-0,046	0,294
CHR2	6757265	CHR2:6757265	SSF x Near_LoA	-9,83722224	0,115	0,292
CHR2	6757268	CHR2:6757268	SSF x Near_LoA	-2,048804	0,132	0,303
CHR2	6758051	CHR2:6758051	SSF x Near_LoA	-7,85476026	-0,072	0,312
CHR2	6758160	CHR2:6758160	SSF x Near_LoA	-10,0852776	-0,088	0,294
CHR2	6767579	CHR2:6767579	SSF x Near_LoA	-10,3129694	-0,039	0,296

CHR2	6767606	CHR2:6767606	SSF x Near_LoA	-9,80735177	0,029	0,314
CHR2	6767622	CHR2:6767622	SSF x Near_LoA	-9,43614109	0,102	0,309
CHR2	6767627	CHR2:6767627	SSF x Near_LoA	-8,05071867	-0,061	0,324
CHR2	6767628	CHR2:6767628	SSF x Near_LoA	-9,53552934	-0,054	0,310
CHR2	6769916	CHR2:6769916	SSF x Near_LoA	-9,43497556	-0,040	0,300
CHR2	6777288	CHR2:6777288	SSF x Near_LoA	-6,6592559	-0,189	0,292
CHR2	6777359	CHR2:6777359	SSF x Near_LoA	-3,33600425	0,226	0,279
CHR2	6777375	CHR2:6777375	SSF x Near_LoA	-10,2938671	-0,064	0,304
CHR2	6777379	CHR2:6777379	SSF x Near_LoA	-8,7329103	-0,133	0,298
CHR2	6777396	CHR2:6777396	SSF x Near_LoA	-8,44683774	-0,073	0,317
CHR2	6780137	CHR2:6780137	SSF x Near_LoA	-6,81859862	-0,072	0,316
CHR2	6780282	CHR2:6780282	SSF x Near_LoA	-6,5438118	-0,108	0,311
CHR2	6784486	CHR2:6784486	SSF x Near_LoA	-7,16695935	0,060	0,306
CHR2	6784590	CHR2:6784590	SSF x Near_LoA	-9,75754458	0,031	0,309
CHR2	6784684	CHR2:6784684	SSF x Near_LoA	-9,77487028	-0,023	0,306
CHR2	6787898	CHR2:6787898	SSF x Near_LoA	-8,82440823	0,053	0,304
CHR2	6787965	CHR2:6787965	SSF x Near_LoA	-10,1162258	-0,006	0,312
CHR2	6787986	CHR2:6787986	SSF x Near_LoA	-8,42209215	0,128	0,296
CHR2	6794168	CHR2:6794168	SSF x Near_LoA	-9,7541981	-0,009	0,312
CHR2	6794250	CHR2:6794250	SSF x Near_LoA	-4,21154484	-0,181	0,318
CHR2	6794308	CHR2:6794308	SSF x Near_LoA	-8,32529671	-0,063	0,298
CHR2	6794375	CHR2:6794375	SSF x Near_LoA	-8,92816531	0,037	0,312
CHR2	6795767	CHR2:6795767	SSF x Near_LoA	-8,96132876	0,042	0,298
CHR2	6795773	CHR2:6795773	SSF x Near_LoA	-8,25316346	-0,024	0,305
CHR2	6795796	CHR2:6795796	SSF x Near_LoA	-8,18410834	-0,076	0,303
CHR2	6795804	CHR2:6795804	SSF x Near_LoA	-7,71238753	0,024	0,320
CHR2	6795910	CHR2:6795910	SSF x Near_LoA	-11,5014438	-0,028	0,299
CHR2	6795931	CHR2:6795931	SSF x Near_LoA	-10,1190022	0,045	0,318
CHR2	6801587	CHR2:6801587	SSF x Near_LoA	-9,6081457	0,091	0,297
CHR2	6801601	CHR2:6801601	SSF x Near_LoA	-9,70565025	0,114	0,296
CHR2	6801605	CHR2:6801605	SSF x Near_LoA	-10,5942121	-0,034	0,301
CHR2	6808907	CHR2:6808907	SSF x Near_LoA	-11,6629676	0,014	0,310
CHR2	6808936	CHR2:6808936	SSF x Near_LoA	-8,01087213	-0,049	0,318
CHR2	6808991	CHR2:6808991	SSF x Near_LoA	-9,71234358	0,040	0,321
CHR2	6809043	CHR2:6809043	SSF x Near_LoA	-10,5032649	0,006	0,317
CHR2	681095	CHR2:681095	SSF x Near_LoA	-9,41453141	0,005	0,314
CHR2	6811036	CHR2:6811036	SSF x Near_LoA	-10,0390666	0,061	0,318
CHR2	6811154	CHR2:6811154	SSF x Near_LoA	-9,89074339	0,079	0,316
CHR2	6822313	CHR2:6822313	SSF x Near_LoA	-6,3124947	0,080	0,308
CHR2	6822355	CHR2:6822355	SSF x Near_LoA	-10,781953	-0,014	0,314
CHR2	6822359	CHR2:6822359	SSF x Near_LoA	-8,98019011	-0,021	0,297
CHR2	6822362	CHR2:6822362	SSF x Near_LoA	-9,96998731	-0,011	0,303
CHR2	6822408	CHR2:6822408	SSF x Near_LoA	-9,4096968	0,004	0,312
CHR2	6822417	CHR2:6822417	SSF x Near_LoA	-7,61631575	-0,042	0,318
CHR2	6822482	CHR2:6822482	SSF x Near_LoA	-11,5388174	0,070	0,307
CHR2	6825330	CHR2:6825330	SSF x Near_LoA	-8,39425328	-0,007	0,298
CHR2	6825354	CHR2:6825354	SSF x Near_LoA	-8,60275525	0,036	0,303
CHR2	6825493	CHR2:6825493	SSF x Near_LoA	-8,80118679	0,093	0,306
CHR2	6825521	CHR2:6825521	SSF x Near_LoA	-8,21902205	-0,112	0,317
CHR2	6825533	CHR2:6825533	SSF x Near_LoA	-10,5571035	-0,071	0,304
CHR2	6830658	CHR2:6830658	SSF x Near_LoA	-9,4771452	-0,085	0,299
CHR2	6830740	CHR2:6830740	SSF x Near_LoA	-10,7891165	0,032	0,315
CHR2	6830836	CHR2:6830836	SSF x Near_LoA	-11,679974	0,032	0,310

CHR2	6836055	CHR2:6836055	SSF x Near_LoA	-5,33493262	0,033	0,316
CHR2	6836094	CHR2:6836094	SSF x Near_LoA	-9,09470261	0,059	0,318
CHR2	6836152	CHR2:6836152	SSF x Near_LoA	-7,39646679	0,138	0,291
CHR2	6836221	CHR2:6836221	SSF x Near_LoA	-9,56160382	0,137	0,299
CHR2	6840621	CHR2:6840621	SSF x Near_LoA	-7,28510076	0,058	0,309
CHR2	6842570	CHR2:6842570	SSF x Near_LoA	-9,78764168	-0,053	0,305
CHR2	6842587	CHR2:6842587	SSF x Near_LoA	-8,26554953	0,090	0,307
CHR2	6857306	CHR2:6857306	SSF x Near_LoA	-8,65890292	0,124	0,289
CHR2	6875141	CHR2:6875141	SSF x Near_LoA	-8,22411059	-0,081	0,309
CHR2	6875388	CHR2:6875388	SSF x Near_LoA	-8,99185462	-0,135	0,305
CHR2	6875417	CHR2:6875417	SSF x Near_LoA	-6,06007599	0,062	0,305
CHR2	6875480	CHR2:6875480	SSF x Near_LoA	-9,61957405	0,028	0,307
CHR2	6883484	CHR2:6883484	SSF x Near_LoA	-8,75545172	0,059	0,307
CHR2	6883577	CHR2:6883577	SSF x Near_LoA	-9,66373805	0,137	0,288
CHR2	688850	CHR2:688850	SSF x Near_LoA	-10,2421322	0,182	0,297
CHR2	688854	CHR2:688854	SSF x Near_LoA	-8,31238398	-0,066	0,315
CHR2	688893	CHR2:688893	SSF x Near_LoA	-8,88433852	0,009	0,305
CHR2	688921	CHR2:688921	SSF x Near_LoA	-8,96799197	-0,060	0,304
CHR2	6916609	CHR2:6916609	SSF x Near_LoA	-9,2935437	0,008	0,301
CHR2	6916724	CHR2:6916724	SSF x Near_LoA	-11,7693708	-0,018	0,311
CHR2	6916726	CHR2:6916726	SSF x Near_LoA	-7,25125494	-0,106	0,304
CHR2	6918864	CHR2:6918864	SSF x Near_LoA	-9,81644526	-0,007	0,314
CHR2	6918882	CHR2:6918882	SSF x Near_LoA	-6,59218094	0,132	0,309
CHR2	6918944	CHR2:6918944	SSF x Near_LoA	-8,68823023	0,147	0,305
CHR2	6923262	CHR2:6923262	SSF x Near_LoA	-6,6947889	0,187	0,307
CHR2	6925548	CHR2:6925548	SSF x Near_LoA	-10,5660629	-0,061	0,317
CHR2	6925585	CHR2:6925585	SSF x Near_LoA	-9,78932937	-0,109	0,297
CHR2	6925594	CHR2:6925594	SSF x Near_LoA	-7,5891014	-0,117	0,314
CHR2	6941721	CHR2:6941721	SSF x Near_LoA	-8,79813319	-0,027	0,313
CHR2	6947064	CHR2:6947064	SSF x Near_LoA	-10,7902238	0,090	0,289
CHR2	6947147	CHR2:6947147	SSF x Near_LoA	-6,57827617	-0,086	0,317
CHR2	6949421	CHR2:6949421	SSF x Near_LoA	-8,15888243	0,002	0,307
CHR2	6949462	CHR2:6949462	SSF x Near_LoA	-7,0101811	-0,005	0,303
CHR2	6949540	CHR2:6949540	SSF x Near_LoA	-9,41733906	-0,100	0,310
CHR2	6949575	CHR2:6949575	SSF x Near_LoA	-9,63405808	-0,050	0,311
CHR2	6949582	CHR2:6949582	SSF x Near_LoA	-8,43395705	0,113	0,309
CHR2	6949604	CHR2:6949604	SSF x Near_LoA	-7,82446202	0,115	0,305
CHR2	6949626	CHR2:6949626	SSF x Near_LoA	-10,1744439	-0,081	0,300
CHR2	6964258	CHR2:6964258	SSF x Near_LoA	-6,97623749	0,118	0,318
CHR2	6969197	CHR2:6969197	SSF x Near_LoA	-7,60813448	-0,162	0,302
CHR2	6969210	CHR2:6969210	SSF x Near_LoA	-9,57821241	0,065	0,299
CHR2	6969222	CHR2:6969222	SSF x Near_LoA	-9,64103986	0,003	0,309
CHR2	6969239	CHR2:6969239	SSF x Near_LoA	-11,2616475	-0,097	0,302
CHR2	6969337	CHR2:6969337	SSF x Near_LoA	-7,12793606	-0,020	0,316
CHR2	6974955	CHR2:6974955	SSF x Near_LoA	-7,75879716	0,004	0,305
CHR2	6975040	CHR2:6975040	SSF x Near_LoA	-8,56831448	0,010	0,309
CHR2	6975080	CHR2:6975080	SSF x Near_LoA	-8,7349244	-0,020	0,300
CHR2	6975157	CHR2:6975157	SSF x Near_LoA	-10,9516729	0,040	0,302
CHR2	6989867	CHR2:6989867	SSF x Near_LoA	-9,55298433	-0,070	0,295
CHR2	7000466	CHR2:7000466	SSF x Near_LoA	-10,1616535	-0,018	0,297
CHR2	7000473	CHR2:7000473	SSF x Near_LoA	-7,85802553	0,032	0,291
CHR2	7000474	CHR2:7000474	SSF x Near_LoA	-10,5824938	0,047	0,291
CHR2	7000578	CHR2:7000578	SSF x Near_LoA	-7,48044899	-0,078	0,318

CHR2	7003052	CHR2:7003052	SSF x Near_LoA	-10,0712452	-0,105	0,288
CHR2	7004515	CHR2:7004515	SSF x Near_LoA	-7,66507093	0,058	0,314
CHR2	7004576	CHR2:7004576	SSF x Near_LoA	-9,73958282	0,071	0,303
CHR2	7004581	CHR2:7004581	SSF x Near_LoA	-9,89107376	0,025	0,321
CHR2	7004643	CHR2:7004643	SSF x Near_LoA	-10,93368	-0,017	0,315
CHR2	7004703	CHR2:7004703	SSF x Near_LoA	-9,93161526	-0,008	0,299
CHR2	7015854	CHR2:7015854	SSF x Near_LoA	-9,19188429	-0,047	0,315
CHR2	7015882	CHR2:7015882	SSF x Near_LoA	-8,48868863	0,040	0,292
CHR2	7015884	CHR2:7015884	SSF x Near_LoA	-11,6917543	0,024	0,297
CHR2	7015963	CHR2:7015963	SSF x Near_LoA	-10,2866493	0,040	0,326
CHR2	7015970	CHR2:7015970	SSF x Near_LoA	-7,86445482	-0,093	0,311
CHR2	7016034	CHR2:7016034	SSF x Near_LoA	-7,94895063	0,094	0,300
CHR2	7016056	CHR2:7016056	SSF x Near_LoA	-9,70329263	0,111	0,301
CHR2	7016104	CHR2:7016104	SSF x Near_LoA	-9,97340315	-0,012	0,321
CHR2	7018401	CHR2:7018401	SSF x Near_LoA	-4,27940507	0,015	0,311
CHR2	7018478	CHR2:7018478	SSF x Near_LoA	-6,40769183	-0,165	0,311
CHR2	7018502	CHR2:7018502	SSF x Near_LoA	-6,30482718	-0,100	0,319
CHR2	7023913	CHR2:7023913	SSF x Near_LoA	-12,0810979	0,009	0,297
CHR2	7026952	CHR2:7026952	SSF x Near_LoA	-11,0205038	-0,103	0,300
CHR2	7027000	CHR2:7027000	SSF x Near_LoA	-7,47367581	0,136	0,298
CHR2	7033406	CHR2:7033406	SSF x Near_LoA	-10,5549171	-0,047	0,311
CHR2	7033453	CHR2:7033453	SSF x Near_LoA	-9,25534539	0,007	0,305
CHR2	7033552	CHR2:7033552	SSF x Near_LoA	-9,01742657	0,086	0,320
CHR2	7038178	CHR2:7038178	SSF x Near_LoA	-9,6563716	0,059	0,287
CHR2	7053751	CHR2:7053751	SSF x Near_LoA	-11,1235878	0,030	0,324
CHR2	7053904	CHR2:7053904	SSF x Near_LoA	-8,11776588	-0,115	0,305
CHR2	7053913	CHR2:7053913	SSF x Near_LoA	-8,25413982	-0,109	0,307
CHR2	7054071	CHR2:7054071	SSF x Near_LoA	-10,7607345	-0,057	0,303
CHR2	7054129	CHR2:7054129	SSF x Near_LoA	-9,50875686	0,011	0,312
CHR2	7054230	CHR2:7054230	SSF x Near_LoA	-5,94286871	0,067	0,318
CHR2	7059533	CHR2:7059533	SSF x Near_LoA	-11,9542841	0,030	0,298
CHR2	7059620	CHR2:7059620	SSF x Near_LoA	-3,32375482	0,182	0,300
CHR2	7059657	CHR2:7059657	SSF x Near_LoA	-10,7514058	-0,103	0,319
CHR2	7059749	CHR2:7059749	SSF x Near_LoA	-7,24360475	-0,138	0,328
CHR2	7072009	CHR2:7072009	SSF x Near_LoA	-10,4451691	0,013	0,309
CHR2	7072010	CHR2:7072010	SSF x Near_LoA	-11,4809945	0,034	0,296
CHR2	7072030	CHR2:7072030	SSF x Near_LoA	-9,84477883	0,090	0,296
CHR2	7072166	CHR2:7072166	SSF x Near_LoA	-8,61811007	0,041	0,306
CHR2	7072464	CHR2:7072464	SSF x Near_LoA	-7,8630213	0,011	0,304
CHR2	7072481	CHR2:7072481	SSF x Near_LoA	-7,9668553	-0,057	0,311
CHR2	7072498	CHR2:7072498	SSF x Near_LoA	-8,61389794	-0,065	0,312
CHR2	7072504	CHR2:7072504	SSF x Near_LoA	-11,0706006	0,035	0,294
CHR2	7072519	CHR2:7072519	SSF x Near_LoA	-4,9766021	-0,096	0,317
CHR2	7072560	CHR2:7072560	SSF x Near_LoA	-11,5860304	0,082	0,301
CHR2	7072582	CHR2:7072582	SSF x Near_LoA	-6,02117833	-0,148	0,296
CHR2	7076908	CHR2:7076908	SSF x Near_LoA	-9,21286375	-0,024	0,292
CHR2	7076917	CHR2:7076917	SSF x Near_LoA	-8,67086696	0,011	0,295
CHR2	7076943	CHR2:7076943	SSF x Near_LoA	-10,2482267	0,044	0,297
CHR2	7076966	CHR2:7076966	SSF x Near_LoA	-9,81484189	0,069	0,311
CHR2	7076969	CHR2:7076969	SSF x Near_LoA	-9,79953457	0,053	0,318
CHR2	7076973	CHR2:7076973	SSF x Near_LoA	-10,0035808	0,044	0,303
CHR2	7076978	CHR2:7076978	SSF x Near_LoA	-2,76946873	0,063	0,319
CHR2	7077069	CHR2:7077069	SSF x Near_LoA	-8,18000621	-0,062	0,297

CHR2	7077079	CHR2:7077079	SSF x Near_LoA	-11,8099288	0,017	0,303
CHR2	7077087	CHR2:7077087	SSF x Near_LoA	-3,84657641	0,031	0,299
CHR2	7077092	CHR2:7077092	SSF x Near_LoA	-10,4924819	0,043	0,314
CHR2	7077094	CHR2:7077094	SSF x Near_LoA	-8,57430734	0,091	0,306
CHR2	7077108	CHR2:7077108	SSF x Near_LoA	-0,38765884	-0,079	0,296
CHR2	7077119	CHR2:7077119	SSF x Near_LoA	-8,37129917	0,030	0,308
CHR2	7077157	CHR2:7077157	SSF x Near_LoA	-11,6332706	-0,009	0,316
CHR2	7080580	CHR2:7080580	SSF x Near_LoA	-10,3765036	0,098	0,308
CHR2	7080738	CHR2:7080738	SSF x Near_LoA	-11,356626	0,022	0,305
CHR2	7080761	CHR2:7080761	SSF x Near_LoA	-10,0415671	0,064	0,317
CHR2	708842	CHR2:708842	SSF x Near_LoA	-11,3765966	-0,006	0,304
CHR2	708852	CHR2:708852	SSF x Near_LoA	-10,3246181	0,144	0,303
CHR2	708938	CHR2:708938	SSF x Near_LoA	-9,80102631	-0,001	0,297
CHR2	708957	CHR2:708957	SSF x Near_LoA	-8,8233551	-0,018	0,315
CHR2	7095450	CHR2:7095450	SSF x Near_LoA	-11,4474744	0,005	0,313
CHR2	7095471	CHR2:7095471	SSF x Near_LoA	-3,13786429	0,101	0,314
CHR2	7095683	CHR2:7095683	SSF x Near_LoA	-7,67522433	0,026	0,310
CHR2	7095695	CHR2:7095695	SSF x Near_LoA	-6,5738283	0,056	0,316
CHR2	7095705	CHR2:7095705	SSF x Near_LoA	-9,92247539	-0,030	0,311
CHR2	711687	CHR2:711687	SSF x Near_LoA	-5,34721154	0,091	0,308
CHR2	7128635	CHR2:7128635	SSF x Near_LoA	-9,46199405	-0,012	0,306
CHR2	7128760	CHR2:7128760	SSF x Near_LoA	-9,42014933	-0,018	0,308
CHR2	7134779	CHR2:7134779	SSF x Near_LoA	-4,17459812	-0,151	0,308
CHR2	7134880	CHR2:7134880	SSF x Near_LoA	-8,25914549	-0,143	0,301
CHR2	7134929	CHR2:7134929	SSF x Near_LoA	-8,55434388	0,114	0,296
CHR2	7134932	CHR2:7134932	SSF x Near_LoA	-8,14025587	-0,098	0,319
CHR2	7142298	CHR2:7142298	SSF x Near_LoA	-9,74415888	-0,009	0,308
CHR2	7142397	CHR2:7142397	SSF x Near_LoA	-10,0613068	-0,020	0,328
CHR2	7142427	CHR2:7142427	SSF x Near_LoA	-11,2575369	0,045	0,305
CHR2	7142442	CHR2:7142442	SSF x Near_LoA	-8,34857894	0,077	0,316
CHR2	7142443	CHR2:7142443	SSF x Near_LoA	-10,1821488	-0,053	0,314
CHR2	7144281	CHR2:7144281	SSF x Near_LoA	5,81979987	-0,002	0,308
CHR2	7144305	CHR2:7144305	SSF x Near_LoA	-9,79765658	-0,036	0,307
CHR2	7144318	CHR2:7144318	SSF x Near_LoA	-8,03588543	-0,007	0,314
CHR2	7144326	CHR2:7144326	SSF x Near_LoA	-7,93142778	0,005	0,299
CHR2	7149110	CHR2:7149110	SSF x Near_LoA	-8,92010424	-0,060	0,303
CHR2	7149126	CHR2:7149126	SSF x Near_LoA	-11,0978394	-0,015	0,297
CHR2	7149186	CHR2:7149186	SSF x Near_LoA	-9,73958864	-0,064	0,301
CHR2	7149200	CHR2:7149200	SSF x Near_LoA	-11,4932112	-0,005	0,317
CHR2	715512	CHR2:715512	SSF x Near_LoA	-8,16442283	0,037	0,306
CHR2	715535	CHR2:715535	SSF x Near_LoA	-7,71383339	-0,073	0,292
CHR2	715540	CHR2:715540	SSF x Near_LoA	-8,79793864	-0,069	0,300
CHR2	7155504	CHR2:7155504	SSF x Near_LoA	-8,07717059	0,129	0,304
CHR2	715566	CHR2:715566	SSF x Near_LoA	-11,300836	0,048	0,297
CHR2	7155800	CHR2:7155800	SSF x Near_LoA	-11,2748499	-0,048	0,310
CHR2	715605	CHR2:715605	SSF x Near_LoA	-8,71409398	0,046	0,317
CHR2	715721	CHR2:715721	SSF x Near_LoA	-7,63004957	-0,073	0,305
CHR2	7157504	CHR2:7157504	SSF x Near_LoA	-10,6637502	0,017	0,302
CHR2	7164763	CHR2:7164763	SSF x Near_LoA	-8,96778564	-0,029	0,324
CHR2	7165927	CHR2:7165927	SSF x Near_LoA	-9,4722063	-0,104	0,299
CHR2	7165978	CHR2:7165978	SSF x Near_LoA	-11,5883971	-0,030	0,300
CHR2	7166023	CHR2:7166023	SSF x Near_LoA	-7,72457721	-0,019	0,308
CHR2	7166024	CHR2:7166024	SSF x Near_LoA	-1,73349276	-0,006	0,311

CHR2	7166059	CHR2:7166059	SSF x Near_LoA	-10,3123886	-0,104	0,296
CHR2	7166080	CHR2:7166080	SSF x Near_LoA	-7,12320014	0,122	0,302
CHR2	7166092	CHR2:7166092	SSF x Near_LoA	-8,59573188	-0,044	0,299
CHR2	7166139	CHR2:7166139	SSF x Near_LoA	-8,49483089	-0,109	0,297
CHR2	7169055	CHR2:7169055	SSF x Near_LoA	-11,4383317	-0,050	0,326
CHR2	7169131	CHR2:7169131	SSF x Near_LoA	-7,72407711	-0,006	0,314
CHR2	7169135	CHR2:7169135	SSF x Near_LoA	-8,96413068	-0,035	0,309
CHR2	7171294	CHR2:7171294	SSF x Near_LoA	-3,58502977	0,089	0,308
CHR2	7171337	CHR2:7171337	SSF x Near_LoA	-9,55313106	-0,007	0,314
CHR2	7171921	CHR2:7171921	SSF x Near_LoA	-11,805942	-0,059	0,303
CHR2	7178578	CHR2:7178578	SSF x Near_LoA	-9,12580194	0,036	0,320
CHR2	7178605	CHR2:7178605	SSF x Near_LoA	-6,57719973	-0,057	0,305
CHR2	7178617	CHR2:7178617	SSF x Near_LoA	-9,33921797	0,115	0,287
CHR2	7178705	CHR2:7178705	SSF x Near_LoA	-10,9186785	0,008	0,315
CHR2	7178759	CHR2:7178759	SSF x Near_LoA	-7,86024144	-0,068	0,312
CHR2	7178761	CHR2:7178761	SSF x Near_LoA	-7,78676171	0,124	0,311
CHR2	7178763	CHR2:7178763	SSF x Near_LoA	-10,4834375	0,070	0,305
CHR2	719850	CHR2:719850	SSF x Near_LoA	-7,72343295	0,102	0,308
CHR2	7205832	CHR2:7205832	SSF x Near_LoA	-0,74688579	0,156	0,295
CHR2	7207610	CHR2:7207610	SSF x Near_LoA	-9,29270795	0,001	0,298
CHR2	7207624	CHR2:7207624	SSF x Near_LoA	-9,086108	-0,067	0,309
CHR2	7207671	CHR2:7207671	SSF x Near_LoA	-9,6758457	-0,026	0,304
CHR2	7207700	CHR2:7207700	SSF x Near_LoA	-10,4140115	0,065	0,311
CHR2	7211444	CHR2:7211444	SSF x Near_LoA	-9,26722126	0,018	0,308
CHR2	7211614	CHR2:7211614	SSF x Near_LoA	-6,27951226	0,237	0,310
CHR2	7216798	CHR2:7216798	SSF x Near_LoA	-9,53692054	0,051	0,318
CHR2	7216826	CHR2:7216826	SSF x Near_LoA	-10,4069802	-0,052	0,306
CHR2	7216961	CHR2:7216961	SSF x Near_LoA	-8,93203892	-0,019	0,314
CHR2	7216975	CHR2:7216975	SSF x Near_LoA	-8,5260285	0,037	0,311
CHR2	7216991	CHR2:7216991	SSF x Near_LoA	-9,55652938	-0,036	0,318
CHR2	7217062	CHR2:7217062	SSF x Near_LoA	-9,19335954	0,042	0,295
CHR2	7219758	CHR2:7219758	SSF x Near_LoA	-9,79024864	-0,143	0,307
CHR2	7219932	CHR2:7219932	SSF x Near_LoA	-9,0630985	0,163	0,281
CHR2	7219959	CHR2:7219959	SSF x Near_LoA	-10,7996757	-0,108	0,294
CHR2	7219963	CHR2:7219963	SSF x Near_LoA	-9,09614596	0,075	0,302
CHR2	7225498	CHR2:7225498	SSF x Near_LoA	-7,01142175	0,087	0,308
CHR2	7225503	CHR2:7225503	SSF x Near_LoA	-9,08306772	-0,019	0,305
CHR2	7225543	CHR2:7225543	SSF x Near_LoA	-9,82697986	-0,115	0,304
CHR2	7225618	CHR2:7225618	SSF x Near_LoA	-8,48654782	-0,086	0,306
CHR2	7225767	CHR2:7225767	SSF x Near_LoA	-9,7550782	-0,039	0,306
CHR2	7225770	CHR2:7225770	SSF x Near_LoA	-9,1175943	-0,032	0,297
CHR2	7225799	CHR2:7225799	SSF x Near_LoA	-10,9101654	-0,066	0,300
CHR2	7225804	CHR2:7225804	SSF x Near_LoA	-8,17270639	-0,089	0,306
CHR2	7234860	CHR2:7234860	SSF x Near_LoA	-8,32461214	0,102	0,304
CHR2	7235962	CHR2:7235962	SSF x Near_LoA	-11,5074625	0,009	0,313
CHR2	7235981	CHR2:7235981	SSF x Near_LoA	-11,7154101	0,036	0,299
CHR2	7236167	CHR2:7236167	SSF x Near_LoA	-5,47067244	-0,103	0,295
CHR2	7236182	CHR2:7236182	SSF x Near_LoA	-11,1560767	0,055	0,315
CHR2	7236200	CHR2:7236200	SSF x Near_LoA	-8,61848231	-0,012	0,289
CHR2	7236202	CHR2:7236202	SSF x Near_LoA	-8,8804966	0,007	0,308
CHR2	7236206	CHR2:7236206	SSF x Near_LoA	-6,16760424	-0,004	0,312
CHR2	7246850	CHR2:7246850	SSF x Near_LoA	-11,7923152	-0,005	0,311
CHR2	7246936	CHR2:7246936	SSF x Near_LoA	-7,6934853	-0,026	0,312

CHR2	7248149	CHR2:7248149	SSF x Near_LoA	-7,04464858	0,113	0,311
CHR2	7248270	CHR2:7248270	SSF x Near_LoA	-10,7326778	-0,015	0,313
CHR2	7248322	CHR2:7248322	SSF x Near_LoA	-8,08303313	-0,027	0,301
CHR2	7257941	CHR2:7257941	SSF x Near_LoA	-11,4657778	0,001	0,295
CHR2	7257990	CHR2:7257990	SSF x Near_LoA	-11,69648	0,031	0,303
CHR2	7258008	CHR2:7258008	SSF x Near_LoA	-9,53528161	0,114	0,300
CHR2	7265860	CHR2:7265860	SSF x Near_LoA	-8,99281348	0,016	0,302
CHR2	7265872	CHR2:7265872	SSF x Near_LoA	-5,02077386	0,110	0,304
CHR2	7266571	CHR2:7266571	SSF x Near_LoA	-9,60408813	-0,007	0,293
CHR2	7266829	CHR2:7266829	SSF x Near_LoA	-9,99593957	0,009	0,312
CHR2	7277226	CHR2:7277226	SSF x Near_LoA	-5,76199275	-0,052	0,307
CHR2	7277380	CHR2:7277380	SSF x Near_LoA	-12,3331177	-0,030	0,300
CHR2	729376	CHR2:729376	SSF x Near_LoA	-8,13867156	0,091	0,310
CHR2	729482	CHR2:729482	SSF x Near_LoA	-7,99956267	-0,145	0,312
CHR2	729502	CHR2:729502	SSF x Near_LoA	-9,51812522	0,019	0,288
CHR2	729543	CHR2:729543	SSF x Near_LoA	-8,69837348	-0,094	0,291
CHR2	729622	CHR2:729622	SSF x Near_LoA	-9,85492081	-0,079	0,315
CHR2	7299606	CHR2:7299606	SSF x Near_LoA	-11,5785614	0,009	0,290
CHR2	7302750	CHR2:7302750	SSF x Near_LoA	-10,2761332	0,034	0,322
CHR2	7302769	CHR2:7302769	SSF x Near_LoA	-9,09758627	-0,054	0,303
CHR2	7302776	CHR2:7302776	SSF x Near_LoA	-9,36434731	-0,045	0,314
CHR2	7302820	CHR2:7302820	SSF x Near_LoA	-9,85463038	-0,119	0,303
CHR2	7302898	CHR2:7302898	SSF x Near_LoA	-9,15262514	-0,037	0,318
CHR2	7308980	CHR2:7308980	SSF x Near_LoA	-8,46457059	0,054	0,325
CHR2	7309130	CHR2:7309130	SSF x Near_LoA	-9,84756544	-0,035	0,312
CHR2	7314129	CHR2:7314129	SSF x Near_LoA	-10,0508766	0,045	0,304
CHR2	7314142	CHR2:7314142	SSF x Near_LoA	-6,20242428	-0,075	0,313
CHR2	7314166	CHR2:7314166	SSF x Near_LoA	-10,5523607	0,050	0,295
CHR2	7314373	CHR2:7314373	SSF x Near_LoA	-9,21393632	-0,003	0,306
CHR2	7322748	CHR2:7322748	SSF x Near_LoA	-0,457361	-0,067	0,315
CHR2	7328083	CHR2:7328083	SSF x Near_LoA	-8,95966922	0,051	0,310
CHR2	7328130	CHR2:7328130	SSF x Near_LoA	-10,7973979	0,030	0,303
CHR2	7328203	CHR2:7328203	SSF x Near_LoA	-10,9058733	0,049	0,293
CHR2	7329131	CHR2:7329131	SSF x Near_LoA	-8,58118429	0,008	0,306
CHR2	7329238	CHR2:7329238	SSF x Near_LoA	-0,70229825	0,125	0,298
CHR2	7347039	CHR2:7347039	SSF x Near_LoA	-7,73443882	-0,041	0,317
CHR2	7347066	CHR2:7347066	SSF x Near_LoA	-11,947774	0,015	0,295
CHR2	7347074	CHR2:7347074	SSF x Near_LoA	-8,34725995	0,142	0,300
CHR2	7347092	CHR2:7347092	SSF x Near_LoA	-6,45919457	-0,171	0,298
CHR2	7347095	CHR2:7347095	SSF x Near_LoA	-8,23850449	-0,125	0,299
CHR2	7350996	CHR2:7350996	SSF x Near_LoA	-9,13222653	0,071	0,308
CHR2	7353126	CHR2:7353126	SSF x Near_LoA	-9,9311889	-0,019	0,302
CHR2	7353134	CHR2:7353134	SSF x Near_LoA	-9,76828947	0,044	0,311
CHR2	7356375	CHR2:7356375	SSF x Near_LoA	-8,51998187	0,050	0,313
CHR2	7362799	CHR2:7362799	SSF x Near_LoA	-8,18300976	0,081	0,303
CHR2	7364807	CHR2:7364807	SSF x Near_LoA	8,65451683	-0,028	0,292
CHR2	7364826	CHR2:7364826	SSF x Near_LoA	-9,55432006	0,075	0,313
CHR2	7364840	CHR2:7364840	SSF x Near_LoA	-10,8754289	-0,051	0,333
CHR2	7364966	CHR2:7364966	SSF x Near_LoA	-9,06277647	0,096	0,297
CHR2	7365073	CHR2:7365073	SSF x Near_LoA	-10,6655797	0,071	0,319
CHR2	7370015	CHR2:7370015	SSF x Near_LoA	-9,84620121	-0,101	0,320
CHR2	7376094	CHR2:7376094	SSF x Near_LoA	-10,4971989	0,031	0,291
CHR2	7392266	CHR2:7392266	SSF x Near_LoA	-9,17175236	0,156	0,300

CHR2	7392316	CHR2:7392316	SSF x Near_LoA	-9,64388723	0,099	0,297
CHR2	7392407	CHR2:7392407	SSF x Near_LoA	-5,45726143	0,021	0,306
CHR2	7400456	CHR2:7400456	SSF x Near_LoA	12,7062135	-0,202	0,275
CHR2	7400471	CHR2:7400471	SSF x Near_LoA	-9,43280444	0,085	0,312
CHR2	7400508	CHR2:7400508	SSF x Near_LoA	-8,14588532	-0,089	0,317
CHR2	7400541	CHR2:7400541	SSF x Near_LoA	-9,82547836	0,053	0,308
CHR2	7402425	CHR2:7402425	SSF x Near_LoA	-7,95995448	0,065	0,321
CHR2	7402471	CHR2:7402471	SSF x Near_LoA	-9,32921662	0,034	0,294
CHR2	7402981	CHR2:7402981	SSF x Near_LoA	-10,2488901	-0,080	0,295
CHR2	7403046	CHR2:7403046	SSF x Near_LoA	-10,1613029	-0,086	0,303
CHR2	7408721	CHR2:7408721	SSF x Near_LoA	-0,83008198	-0,052	0,296
CHR2	7408746	CHR2:7408746	SSF x Near_LoA	-10,6223409	0,034	0,313
CHR2	7419845	CHR2:7419845	SSF x Near_LoA	-10,8252704	-0,041	0,304
CHR2	7420021	CHR2:7420021	SSF x Near_LoA	-11,435227	0,025	0,316
CHR2	7420036	CHR2:7420036	SSF x Near_LoA	-7,63506977	-0,111	0,312
CHR2	7420046	CHR2:7420046	SSF x Near_LoA	-7,28189159	-0,100	0,309
CHR2	7420085	CHR2:7420085	SSF x Near_LoA	-8,48499735	0,090	0,304
CHR2	742208	CHR2:742208	SSF x Near_LoA	-9,01058975	-0,047	0,311
CHR2	742258	CHR2:742258	SSF x Near_LoA	-10,4302108	-0,043	0,302
CHR2	7427503	CHR2:7427503	SSF x Near_LoA	-8,124563	0,057	0,304
CHR2	7427839	CHR2:7427839	SSF x Near_LoA	-9,29466189	0,060	0,308
CHR2	7427899	CHR2:7427899	SSF x Near_LoA	-8,97682162	-0,069	0,313
CHR2	7435599	CHR2:7435599	SSF x Near_LoA	-2,34896183	-0,181	0,296
CHR2	7435605	CHR2:7435605	SSF x Near_LoA	-10,4432871	-0,081	0,311
CHR2	7436377	CHR2:7436377	SSF x Near_LoA	-9,71116086	0,051	0,317
CHR2	7453070	CHR2:7453070	SSF x Near_LoA	-8,39828971	0,053	0,307
CHR2	7462552	CHR2:7462552	SSF x Near_LoA	-10,7665213	0,045	0,319
CHR2	7462553	CHR2:7462553	SSF x Near_LoA	-8,47073538	0,026	0,311
CHR2	7462565	CHR2:7462565	SSF x Near_LoA	-9,83642284	0,010	0,302
CHR2	7462566	CHR2:7462566	SSF x Near_LoA	-9,23885125	0,004	0,300
CHR2	7462614	CHR2:7462614	SSF x Near_LoA	-10,0034886	-0,006	0,319
CHR2	7465249	CHR2:7465249	SSF x Near_LoA	-11,7926153	0,102	0,294
CHR2	7465283	CHR2:7465283	SSF x Near_LoA	-8,50924663	0,109	0,302
CHR2	7465286	CHR2:7465286	SSF x Near_LoA	-8,9964171	0,038	0,301
CHR2	7465340	CHR2:7465340	SSF x Near_LoA	-9,98506289	0,050	0,308
CHR2	7465363	CHR2:7465363	SSF x Near_LoA	-10,9386578	0,055	0,307
CHR2	7473500	CHR2:7473500	SSF x Near_LoA	-8,56245717	-0,056	0,318
CHR2	7473521	CHR2:7473521	SSF x Near_LoA	-7,51683318	0,123	0,305
CHR2	7473544	CHR2:7473544	SSF x Near_LoA	-6,58259391	0,139	0,293
CHR2	7473555	CHR2:7473555	SSF x Near_LoA	-7,4587466	0,092	0,316
CHR2	748705	CHR2:748705	SSF x Near_LoA	-10,0257812	0,074	0,303
CHR2	748808	CHR2:748808	SSF x Near_LoA	-8,89791927	0,049	0,301
CHR2	748818	CHR2:748818	SSF x Near_LoA	-7,69477022	0,052	0,306
CHR2	7500581	CHR2:7500581	SSF x Near_LoA	-10,0728223	-0,026	0,320
CHR2	7521331	CHR2:7521331	SSF x Near_LoA	4,59657434	0,192	0,303
CHR2	7521464	CHR2:7521464	SSF x Near_LoA	-6,82184779	0,177	0,302
CHR2	7521497	CHR2:7521497	SSF x Near_LoA	-10,84531	-0,017	0,314
CHR2	7521521	CHR2:7521521	SSF x Near_LoA	-10,7408408	0,015	0,308
CHR2	7521534	CHR2:7521534	SSF x Near_LoA	-10,7069317	-0,096	0,300
CHR2	7529962	CHR2:7529962	SSF x Near_LoA	-7,53208255	0,026	0,321
CHR2	7530082	CHR2:7530082	SSF x Near_LoA	-8,00630492	0,070	0,302
CHR2	753435	CHR2:753435	SSF x Near_LoA	-8,91321255	-0,084	0,300
CHR2	753466	CHR2:753466	SSF x Near_LoA	-7,14129149	-0,059	0,310

CHR2	753514	CHR2:753514	SSF x Near_LoA	-7,66042959	0,161	0,298
CHR2	753527	CHR2:753527	SSF x Near_LoA	-8,98425272	-0,080	0,301
CHR2	753528	CHR2:753528	SSF x Near_LoA	-9,63107213	-0,051	0,301
CHR2	753547	CHR2:753547	SSF x Near_LoA	-5,16500196	-0,043	0,324
CHR2	753551	CHR2:753551	SSF x Near_LoA	-8,1542431	-0,096	0,314
CHR2	753571	CHR2:753571	SSF x Near_LoA	-7,32908768	0,146	0,305
CHR2	753574	CHR2:753574	SSF x Near_LoA	-7,85684429	0,035	0,299
CHR2	753590	CHR2:753590	SSF x Near_LoA	-1,10914927	-0,119	0,292
CHR2	7536062	CHR2:7536062	SSF x Near_LoA	-8,90704059	-0,107	0,304
CHR2	7539582	CHR2:7539582	SSF x Near_LoA	-8,10491729	-0,016	0,318
CHR2	7539626	CHR2:7539626	SSF x Near_LoA	-7,89155051	0,044	0,280
CHR2	7539652	CHR2:7539652	SSF x Near_LoA	-9,0618705	-0,036	0,278
CHR2	7539712	CHR2:7539712	SSF x Near_LoA	-8,2998749	-0,048	0,300
CHR2	7539722	CHR2:7539722	SSF x Near_LoA	-8,95899382	0,006	0,308
CHR2	7539736	CHR2:7539736	SSF x Near_LoA	-7,42165151	0,085	0,312
CHR2	7539808	CHR2:7539808	SSF x Near_LoA	-9,82550549	-0,147	0,292
CHR2	7546765	CHR2:7546765	SSF x Near_LoA	-7,14307881	-0,011	0,313
CHR2	7546776	CHR2:7546776	SSF x Near_LoA	-9,67689694	-0,038	0,291
CHR2	7546874	CHR2:7546874	SSF x Near_LoA	-10,635007	0,088	0,302
CHR2	7560130	CHR2:7560130	SSF x Near_LoA	-9,04902515	0,110	0,300
CHR2	7560212	CHR2:7560212	SSF x Near_LoA	-9,04298215	-0,066	0,315
CHR2	7567534	CHR2:7567534	SSF x Near_LoA	-10,5227877	0,035	0,311
CHR2	7577923	CHR2:7577923	SSF x Near_LoA	-8,01980131	0,176	0,312
CHR2	7577989	CHR2:7577989	SSF x Near_LoA	-6,93714253	0,157	0,302
CHR2	7578607	CHR2:7578607	SSF x Near_LoA	-4,83879458	-0,067	0,318
CHR2	7578640	CHR2:7578640	SSF x Near_LoA	-9,82481673	-0,019	0,319
CHR2	7578708	CHR2:7578708	SSF x Near_LoA	-8,82899296	-0,002	0,319
CHR2	7582911	CHR2:7582911	SSF x Near_LoA	-11,2021313	0,029	0,298
CHR2	7584917	CHR2:7584917	SSF x Near_LoA	-3,04701738	-0,129	0,309
CHR2	7586836	CHR2:7586836	SSF x Near_LoA	-8,70217766	-0,009	0,311
CHR2	7588850	CHR2:7588850	SSF x Near_LoA	-9,74829841	0,073	0,313
CHR2	759039	CHR2:759039	SSF x Near_LoA	-12,3569515	0,022	0,317
CHR2	759045	CHR2:759045	SSF x Near_LoA	-11,9204132	-0,022	0,306
CHR2	7591421	CHR2:7591421	SSF x Near_LoA	-7,07787695	-0,088	0,314
CHR2	7591445	CHR2:7591445	SSF x Near_LoA	-8,8455234	0,003	0,308
CHR2	7591667	CHR2:7591667	SSF x Near_LoA	-8,57228909	-0,109	0,300
CHR2	7591673	CHR2:7591673	SSF x Near_LoA	-7,79639194	-0,036	0,310
CHR2	7591718	CHR2:7591718	SSF x Near_LoA	-1,86634436	-0,068	0,316
CHR2	7603825	CHR2:7603825	SSF x Near_LoA	-8,29993294	0,092	0,310
CHR2	7608295	CHR2:7608295	SSF x Near_LoA	-10,1176906	0,036	0,295
CHR2	7612120	CHR2:7612120	SSF x Near_LoA	-9,87973195	0,015	0,321
CHR2	7612139	CHR2:7612139	SSF x Near_LoA	-7,02476364	0,077	0,307
CHR2	7612225	CHR2:7612225	SSF x Near_LoA	-8,36986864	0,129	0,293
CHR2	7612267	CHR2:7612267	SSF x Near_LoA	-8,8907248	0,130	0,310
CHR2	7638873	CHR2:7638873	SSF x Near_LoA	-9,88405342	-0,027	0,302
CHR2	7638891	CHR2:7638891	SSF x Near_LoA	-11,4447556	0,081	0,291
CHR2	7638951	CHR2:7638951	SSF x Near_LoA	-8,81432145	0,132	0,298
CHR2	7644115	CHR2:7644115	SSF x Near_LoA	-10,6215709	0,120	0,290
CHR2	7644184	CHR2:7644184	SSF x Near_LoA	-5,93970512	-0,102	0,310
CHR2	7646020	CHR2:7646020	SSF x Near_LoA	-10,6988661	-0,048	0,316
CHR2	7646193	CHR2:7646193	SSF x Near_LoA	-10,4391889	0,008	0,296
CHR2	7646964	CHR2:7646964	SSF x Near_LoA	-1,80634425	-0,047	0,303
CHR2	7646966	CHR2:7646966	SSF x Near_LoA	-8,69633846	-0,119	0,307

CHR2	7646991	CHR2:7646991	SSF x Near_LoA	-10,3285282	0,051	0,309
CHR2	7646993	CHR2:7646993	SSF x Near_LoA	-7,45575709	0,088	0,310
CHR2	7652799	CHR2:7652799	SSF x Near_LoA	-11,0956466	0,002	0,302
CHR2	7652888	CHR2:7652888	SSF x Near_LoA	-10,1158361	0,090	0,310
CHR2	7652917	CHR2:7652917	SSF x Near_LoA	-10,6454039	-0,073	0,310
CHR2	7656987	CHR2:7656987	SSF x Near_LoA	-9,01974706	0,032	0,301
CHR2	7657048	CHR2:7657048	SSF x Near_LoA	-7,97367257	0,098	0,311
CHR2	7662644	CHR2:7662644	SSF x Near_LoA	-10,6255972	0,009	0,313
CHR2	7662842	CHR2:7662842	SSF x Near_LoA	-6,33684036	0,112	0,317
CHR2	7664235	CHR2:7664235	SSF x Near_LoA	-8,43276651	-0,115	0,308
CHR2	7664240	CHR2:7664240	SSF x Near_LoA	-5,46456607	0,153	0,305
CHR2	7664864	CHR2:7664864	SSF x Near_LoA	-8,3617484	0,054	0,299
CHR2	7664866	CHR2:7664866	SSF x Near_LoA	-8,39509016	0,124	0,294
CHR2	7664879	CHR2:7664879	SSF x Near_LoA	-9,5440863	-0,013	0,311
CHR2	7669001	CHR2:7669001	SSF x Near_LoA	-9,39998109	-0,003	0,308
CHR2	7669002	CHR2:7669002	SSF x Near_LoA	-8,75323109	-0,019	0,283
CHR2	766966	CHR2:766966	SSF x Near_LoA	-9,48045046	-0,060	0,309
CHR2	766971	CHR2:766971	SSF x Near_LoA	-6,50375848	-0,002	0,320
CHR2	7678738	CHR2:7678738	SSF x Near_LoA	-10,1293415	-0,024	0,306
CHR2	7681678	CHR2:7681678	SSF x Near_LoA	-8,44492805	-0,049	0,302
CHR2	7682587	CHR2:7682587	SSF x Near_LoA	-11,1303796	0,027	0,296
CHR2	7682638	CHR2:7682638	SSF x Near_LoA	-9,95661471	-0,064	0,294
CHR2	7682648	CHR2:7682648	SSF x Near_LoA	-8,88863909	-0,044	0,299
CHR2	7685319	CHR2:7685319	SSF x Near_LoA	-8,85480797	-0,006	0,300
CHR2	7685354	CHR2:7685354	SSF x Near_LoA	-9,65577163	0,086	0,291
CHR2	7685366	CHR2:7685366	SSF x Near_LoA	-9,51085226	-0,024	0,300
CHR2	7685392	CHR2:7685392	SSF x Near_LoA	-6,48434523	0,103	0,308
CHR2	7686879	CHR2:7686879	SSF x Near_LoA	-8,939902	-0,043	0,315
CHR2	7686910	CHR2:7686910	SSF x Near_LoA	-10,2281685	0,027	0,306
CHR2	768717	CHR2:768717	SSF x Near_LoA	-9,54335708	-0,039	0,309
CHR2	768720	CHR2:768720	SSF x Near_LoA	-6,57408211	0,136	0,293
CHR2	768765	CHR2:768765	SSF x Near_LoA	-7,50927099	-0,030	0,307
CHR2	768766	CHR2:768766	SSF x Near_LoA	-7,89664426	-0,028	0,315
CHR2	768801	CHR2:768801	SSF x Near_LoA	-9,3245545	0,008	0,304
CHR2	768825	CHR2:768825	SSF x Near_LoA	-11,6523085	0,001	0,315
CHR2	768828	CHR2:768828	SSF x Near_LoA	-9,24654773	-0,038	0,305
CHR2	7697145	CHR2:7697145	SSF x Near_LoA	-7,6060676	0,107	0,290
CHR2	7697276	CHR2:7697276	SSF x Near_LoA	-9,56223682	0,056	0,317
CHR2	7697283	CHR2:7697283	SSF x Near_LoA	-9,12232339	0,000	0,315
CHR2	7697296	CHR2:7697296	SSF x Near_LoA	-5,88720332	0,003	0,300
CHR2	7697368	CHR2:7697368	SSF x Near_LoA	-5,98929455	-0,041	0,319
CHR2	7700813	CHR2:7700813	SSF x Near_LoA	-8,19050647	0,184	0,288
CHR2	7700842	CHR2:7700842	SSF x Near_LoA	-7,79295237	-0,159	0,299
CHR2	7700848	CHR2:7700848	SSF x Near_LoA	-9,9876533	-0,147	0,317
CHR2	7700935	CHR2:7700935	SSF x Near_LoA	-9,67787449	-0,147	0,304
CHR2	7700953	CHR2:7700953	SSF x Near_LoA	-4,51799609	-0,124	0,306
CHR2	7704750	CHR2:7704750	SSF x Near_LoA	-8,75268706	-0,027	0,307
CHR2	7718297	CHR2:7718297	SSF x Near_LoA	-11,1938191	-0,021	0,297
CHR2	7718357	CHR2:7718357	SSF x Near_LoA	-7,75895313	0,022	0,301
CHR2	7718385	CHR2:7718385	SSF x Near_LoA	-9,45843053	-0,015	0,299
CHR2	7718404	CHR2:7718404	SSF x Near_LoA	-9,35426013	0,087	0,301
CHR2	7718407	CHR2:7718407	SSF x Near_LoA	-9,57685574	0,068	0,298
CHR2	7718489	CHR2:7718489	SSF x Near_LoA	-8,98646854	0,019	0,296

CHR2	7718556	CHR2:7718556	SSF x Near_LoA	-10,2511063	0,102	0,294
CHR2	7743015	CHR2:7743015	SSF x Near_LoA	-11,4831734	0,061	0,310
CHR2	7743192	CHR2:7743192	SSF x Near_LoA	-9,63414933	0,109	0,288
CHR2	7743210	CHR2:7743210	SSF x Near_LoA	-10,234194	0,082	0,318
CHR2	7743239	CHR2:7743239	SSF x Near_LoA	-8,1919234	-0,084	0,302
CHR2	7743251	CHR2:7743251	SSF x Near_LoA	-10,297848	-0,043	0,304
CHR2	7743302	CHR2:7743302	SSF x Near_LoA	-10,2849723	-0,023	0,306
CHR2	7750471	CHR2:7750471	SSF x Near_LoA	-11,7694567	-0,057	0,315
CHR2	7750782	CHR2:7750782	SSF x Near_LoA	-11,1500603	0,009	0,304
CHR2	7750792	CHR2:7750792	SSF x Near_LoA	-11,5484258	0,017	0,302
CHR2	7757612	CHR2:7757612	SSF x Near_LoA	-2,44112039	-0,080	0,305
CHR2	7757616	CHR2:7757616	SSF x Near_LoA	-9,3691825	0,081	0,296
CHR2	7763271	CHR2:7763271	SSF x Near_LoA	-10,1331686	0,005	0,309
CHR2	7765172	CHR2:7765172	SSF x Near_LoA	-8,83680742	-0,162	0,303
CHR2	7765392	CHR2:7765392	SSF x Near_LoA	-8,59857648	-0,033	0,304
CHR2	7772223	CHR2:7772223	SSF x Near_LoA	-10,2594878	-0,016	0,314
CHR2	7772224	CHR2:7772224	SSF x Near_LoA	1,10524807	-0,052	0,292
CHR2	7772425	CHR2:7772425	SSF x Near_LoA	-7,97859165	-0,065	0,315
CHR2	7772482	CHR2:7772482	SSF x Near_LoA	-10,0761063	-0,086	0,320
CHR2	7785799	CHR2:7785799	SSF x Near_LoA	-8,60438726	0,030	0,312
CHR2	7790172	CHR2:7790172	SSF x Near_LoA	-8,45478372	-0,105	0,311
CHR2	7790177	CHR2:7790177	SSF x Near_LoA	-7,04678856	-0,053	0,309
CHR2	7790199	CHR2:7790199	SSF x Near_LoA	-7,82985535	0,070	0,312
CHR2	7790204	CHR2:7790204	SSF x Near_LoA	-8,25163349	0,102	0,311
CHR2	7790272	CHR2:7790272	SSF x Near_LoA	-8,5089571	-0,037	0,315
CHR2	7790288	CHR2:7790288	SSF x Near_LoA	-10,4322308	0,060	0,284
CHR2	7790306	CHR2:7790306	SSF x Near_LoA	-8,52758077	-0,086	0,312
CHR2	7790330	CHR2:7790330	SSF x Near_LoA	-7,58822831	0,005	0,315
CHR2	7790373	CHR2:7790373	SSF x Near_LoA	-10,9706625	-0,021	0,296
CHR2	7816692	CHR2:7816692	SSF x Near_LoA	-9,29652445	-0,052	0,293
CHR2	781929	CHR2:781929	SSF x Near_LoA	-11,4568789	-0,068	0,301
CHR2	782017	CHR2:782017	SSF x Near_LoA	-0,26590259	-0,041	0,298
CHR2	7821428	CHR2:7821428	SSF x Near_LoA	-6,77097509	0,081	0,318
CHR2	7821449	CHR2:7821449	SSF x Near_LoA	-9,03064603	0,039	0,306
CHR2	7821666	CHR2:7821666	SSF x Near_LoA	-10,7297616	-0,036	0,312
CHR2	7821721	CHR2:7821721	SSF x Near_LoA	-9,6155614	0,037	0,311
CHR2	7821723	CHR2:7821723	SSF x Near_LoA	-9,04795991	0,007	0,310
CHR2	7821740	CHR2:7821740	SSF x Near_LoA	-7,99040057	-0,086	0,308
CHR2	7821748	CHR2:7821748	SSF x Near_LoA	-8,43442538	-0,003	0,310
CHR2	7825274	CHR2:7825274	SSF x Near_LoA	-11,8776669	-0,053	0,294
CHR2	7825387	CHR2:7825387	SSF x Near_LoA	-9,83501404	0,136	0,304
CHR2	7825441	CHR2:7825441	SSF x Near_LoA	-9,95689134	0,146	0,292
CHR2	7829237	CHR2:7829237	SSF x Near_LoA	-5,42247339	-0,183	0,294
CHR2	7829279	CHR2:7829279	SSF x Near_LoA	-7,6101323	-0,088	0,311
CHR2	7829294	CHR2:7829294	SSF x Near_LoA	-9,29234859	-0,072	0,301
CHR2	7829324	CHR2:7829324	SSF x Near_LoA	-0,11884441	0,075	0,319
CHR2	7829353	CHR2:7829353	SSF x Near_LoA	-11,5439612	0,008	0,299
CHR2	7829432	CHR2:7829432	SSF x Near_LoA	-6,89974098	-0,154	0,299
CHR2	7832933	CHR2:7832933	SSF x Near_LoA	-9,77999914	-0,003	0,323
CHR2	7832942	CHR2:7832942	SSF x Near_LoA	-7,43213602	-0,128	0,294
CHR2	7832963	CHR2:7832963	SSF x Near_LoA	-8,44325597	-0,175	0,306
CHR2	7844603	CHR2:7844603	SSF x Near_LoA	-10,3459567	-0,068	0,308
CHR2	7853037	CHR2:7853037	SSF x Near_LoA	-9,50157114	-0,038	0,307

CHR2	7853040	CHR2:7853040	SSF x Near_LoA	-9,55173511	-0,035	0,313
CHR2	7853209	CHR2:7853209	SSF x Near_LoA	-6,63651362	-0,099	0,303
CHR2	7860832	CHR2:7860832	SSF x Near_LoA	-10,2710608	-0,060	0,313
CHR2	7860875	CHR2:7860875	SSF x Near_LoA	-9,37494487	-0,053	0,295
CHR2	7860909	CHR2:7860909	SSF x Near_LoA	-8,86070683	-0,044	0,318
CHR2	7860914	CHR2:7860914	SSF x Near_LoA	-7,54130351	0,199	0,305
CHR2	7861172	CHR2:7861172	SSF x Near_LoA	1,7236468	0,125	0,306
CHR2	7861181	CHR2:7861181	SSF x Near_LoA	-7,19144936	-0,098	0,308
CHR2	7866674	CHR2:7866674	SSF x Near_LoA	-9,68008305	0,014	0,311
CHR2	7866778	CHR2:7866778	SSF x Near_LoA	-9,07192775	0,032	0,311
CHR2	7866800	CHR2:7866800	SSF x Near_LoA	-9,72060177	-0,026	0,308
CHR2	7876519	CHR2:7876519	SSF x Near_LoA	-7,72684521	0,107	0,313
CHR2	7876572	CHR2:7876572	SSF x Near_LoA	-9,16935846	-0,041	0,303
CHR2	7876606	CHR2:7876606	SSF x Near_LoA	-8,32107638	0,081	0,300
CHR2	7876668	CHR2:7876668	SSF x Near_LoA	-10,5200262	0,044	0,300
CHR2	7876670	CHR2:7876670	SSF x Near_LoA	-6,32313175	0,056	0,310
CHR2	7876679	CHR2:7876679	SSF x Near_LoA	-9,1630551	0,083	0,316
CHR2	7881808	CHR2:7881808	SSF x Near_LoA	-8,28960665	0,052	0,309
CHR2	7882052	CHR2:7882052	SSF x Near_LoA	-9,14838589	0,043	0,315
CHR2	7888826	CHR2:7888826	SSF x Near_LoA	-8,65592144	0,148	0,299
CHR2	7888857	CHR2:7888857	SSF x Near_LoA	-11,3198431	-0,047	0,310
CHR2	7892998	CHR2:7892998	SSF x Near_LoA	-7,71195763	0,050	0,289
CHR2	7893252	CHR2:7893252	SSF x Near_LoA	-10,2260981	-0,112	0,302
CHR2	7894869	CHR2:7894869	SSF x Near_LoA	-7,187363	-0,121	0,315
CHR2	7894956	CHR2:7894956	SSF x Near_LoA	-4,86844521	0,232	0,300
CHR2	7902947	CHR2:7902947	SSF x Near_LoA	-7,75185655	0,206	0,293
CHR2	7916054	CHR2:7916054	SSF x Near_LoA	-9,70510528	0,016	0,303
CHR2	7917900	CHR2:7917900	SSF x Near_LoA	-10,9090977	0,116	0,309
CHR2	7918042	CHR2:7918042	SSF x Near_LoA	-7,59348887	0,155	0,306
CHR2	7941307	CHR2:7941307	SSF x Near_LoA	-9,30546111	0,041	0,312
CHR2	7941431	CHR2:7941431	SSF x Near_LoA	-8,9498368	-0,067	0,305
CHR2	7982583	CHR2:7982583	SSF x Near_LoA	-9,55529303	-0,054	0,308
CHR2	7982873	CHR2:7982873	SSF x Near_LoA	-10,1886586	0,058	0,309
CHR2	7988050	CHR2:7988050	SSF x Near_LoA	-10,0638873	0,023	0,311
CHR2	8000055	CHR2:8000055	SSF x Near_LoA	-9,1971131	0,078	0,302
CHR2	8001752	CHR2:8001752	SSF x Near_LoA	-9,79501903	-0,083	0,302
CHR2	8001781	CHR2:8001781	SSF x Near_LoA	-8,33831696	-0,075	0,309
CHR2	8001809	CHR2:8001809	SSF x Near_LoA	-7,28768438	0,061	0,322
CHR2	8001841	CHR2:8001841	SSF x Near_LoA	-7,71752927	-0,133	0,307
CHR2	8001870	CHR2:8001870	SSF x Near_LoA	-9,00650845	0,111	0,298
CHR2	8001906	CHR2:8001906	SSF x Near_LoA	-10,5900288	-0,073	0,305
CHR2	8001943	CHR2:8001943	SSF x Near_LoA	-9,04670589	0,074	0,298
CHR2	8004126	CHR2:8004126	SSF x Near_LoA	-10,161399	-0,070	0,306
CHR2	8004141	CHR2:8004141	SSF x Near_LoA	-9,9402004	-0,059	0,304
CHR2	8004198	CHR2:8004198	SSF x Near_LoA	-6,16156216	-0,182	0,310
CHR2	8005440	CHR2:8005440	SSF x Near_LoA	-8,89189666	0,120	0,302
CHR2	8033915	CHR2:8033915	SSF x Near_LoA	-9,21933404	-0,012	0,324
CHR2	8041361	CHR2:8041361	SSF x Near_LoA	-7,75320787	0,053	0,305
CHR2	804937	CHR2:804937	SSF x Near_LoA	-8,16148165	-0,120	0,303
CHR2	8055289	CHR2:8055289	SSF x Near_LoA	-4,1753707	-0,123	0,298
CHR2	8072440	CHR2:8072440	SSF x Near_LoA	-8,30368159	-0,030	0,318
CHR2	8072508	CHR2:8072508	SSF x Near_LoA	-11,6522363	-0,048	0,295
CHR2	8072511	CHR2:8072511	SSF x Near_LoA	-7,27067061	0,029	0,317

CHR2	8072619	CHR2:8072619	SSF x Near_LoA	-9,49434905	0,066	0,321
CHR2	8078717	CHR2:8078717	SSF x Near_LoA	-9,5553859	0,018	0,326
CHR2	8078719	CHR2:8078719	SSF x Near_LoA	-7,79756924	0,035	0,318
CHR2	8078720	CHR2:8078720	SSF x Near_LoA	-11,1000905	0,007	0,315
CHR2	8078736	CHR2:8078736	SSF x Near_LoA	-10,1292835	-0,015	0,304
CHR2	8078738	CHR2:8078738	SSF x Near_LoA	4,16019474	-0,143	0,290
CHR2	8078769	CHR2:8078769	SSF x Near_LoA	-11,0551413	0,051	0,305
CHR2	8078785	CHR2:8078785	SSF x Near_LoA	-10,9054995	0,001	0,308
CHR2	8078795	CHR2:8078795	SSF x Near_LoA	-2,38601698	0,067	0,318
CHR2	8078848	CHR2:8078848	SSF x Near_LoA	-8,01573689	-0,127	0,296
CHR2	8078918	CHR2:8078918	SSF x Near_LoA	-8,66150825	-0,031	0,313
CHR2	8078927	CHR2:8078927	SSF x Near_LoA	-8,97265217	0,002	0,296
CHR2	8078932	CHR2:8078932	SSF x Near_LoA	-9,0984819	0,031	0,311
CHR2	8078953	CHR2:8078953	SSF x Near_LoA	-9,19168515	-0,069	0,312
CHR2	8081114	CHR2:8081114	SSF x Near_LoA	-11,9027394	0,024	0,307
CHR2	8081188	CHR2:8081188	SSF x Near_LoA	-7,96158483	-0,068	0,320
CHR2	8083162	CHR2:8083162	SSF x Near_LoA	-9,69255793	0,091	0,294
CHR2	8083173	CHR2:8083173	SSF x Near_LoA	-9,464489	0,020	0,311
CHR2	8083375	CHR2:8083375	SSF x Near_LoA	-10,2668231	0,066	0,304
CHR2	8092578	CHR2:8092578	SSF x Near_LoA	-7,96086235	0,060	0,302
CHR2	8092669	CHR2:8092669	SSF x Near_LoA	-9,36440353	-0,083	0,319
CHR2	8096609	CHR2:8096609	SSF x Near_LoA	-9,51056254	-0,073	0,312
CHR2	8096638	CHR2:8096638	SSF x Near_LoA	-10,974717	-0,003	0,318
CHR2	8096644	CHR2:8096644	SSF x Near_LoA	-10,4034065	0,008	0,314
CHR2	8096646	CHR2:8096646	SSF x Near_LoA	-7,96771434	-0,104	0,303
CHR2	8102336	CHR2:8102336	SSF x Near_LoA	-9,9924771	-0,039	0,294
CHR2	8102375	CHR2:8102375	SSF x Near_LoA	-10,0229558	-0,056	0,305
CHR2	8112277	CHR2:8112277	SSF x Near_LoA	-9,43428173	-0,087	0,309
CHR2	8112393	CHR2:8112393	SSF x Near_LoA	-7,27746709	-0,034	0,311
CHR2	8112397	CHR2:8112397	SSF x Near_LoA	-0,01058613	-0,057	0,314
CHR2	811386	CHR2:811386	SSF x Near_LoA	-10,7328961	-0,040	0,308
CHR2	811411	CHR2:811411	SSF x Near_LoA	-11,1634249	0,084	0,298
CHR2	8116802	CHR2:8116802	SSF x Near_LoA	-11,3405209	0,017	0,317
CHR2	8116879	CHR2:8116879	SSF x Near_LoA	-9,93942446	-0,110	0,282
CHR2	811697	CHR2:811697	SSF x Near_LoA	-12,4383255	-0,015	0,296
CHR2	811772	CHR2:811772	SSF x Near_LoA	-9,02932077	-0,102	0,305
CHR2	811800	CHR2:811800	SSF x Near_LoA	-8,66168621	-0,108	0,307
CHR2	811860	CHR2:811860	SSF x Near_LoA	-10,2419375	0,065	0,308
CHR2	8122261	CHR2:8122261	SSF x Near_LoA	-8,67022464	-0,044	0,325
CHR2	8122303	CHR2:8122303	SSF x Near_LoA	-9,03923088	0,013	0,305
CHR2	8126638	CHR2:8126638	SSF x Near_LoA	-10,4150297	0,070	0,306
CHR2	8129118	CHR2:8129118	SSF x Near_LoA	-9,17179871	0,010	0,319
CHR2	8139808	CHR2:8139808	SSF x Near_LoA	-10,2275126	0,048	0,299
CHR2	8139830	CHR2:8139830	SSF x Near_LoA	-10,7813606	0,038	0,288
CHR2	8139836	CHR2:8139836	SSF x Near_LoA	-9,85379351	0,078	0,299
CHR2	8139901	CHR2:8139901	SSF x Near_LoA	-4,89485136	-0,001	0,307
CHR2	8139940	CHR2:8139940	SSF x Near_LoA	-7,16616899	0,174	0,293
CHR2	8139954	CHR2:8139954	SSF x Near_LoA	-9,27084259	0,158	0,299
CHR2	8139991	CHR2:8139991	SSF x Near_LoA	-11,2473067	-0,013	0,305
CHR2	8140028	CHR2:8140028	SSF x Near_LoA	-8,75191848	-0,060	0,335
CHR2	8144638	CHR2:8144638	SSF x Near_LoA	-5,91031594	-0,131	0,308
CHR2	8152222	CHR2:8152222	SSF x Near_LoA	-8,33793997	0,100	0,287
CHR2	8152276	CHR2:8152276	SSF x Near_LoA	-7,91705229	-0,152	0,310

CHR2	8152279	CHR2:8152279	SSF x Near_LoA	-9,69852196	0,040	0,304
CHR2	8152315	CHR2:8152315	SSF x Near_LoA	-10,0337071	-0,037	0,306
CHR2	8152375	CHR2:8152375	SSF x Near_LoA	-9,054802	-0,010	0,313
CHR2	8164295	CHR2:8164295	SSF x Near_LoA	-5,85342906	0,055	0,317
CHR2	8164342	CHR2:8164342	SSF x Near_LoA	-3,98772931	-0,029	0,314
CHR2	8164391	CHR2:8164391	SSF x Near_LoA	-7,51502652	-0,016	0,308
CHR2	8164910	CHR2:8164910	SSF x Near_LoA	-9,17046011	0,102	0,306
CHR2	8164938	CHR2:8164938	SSF x Near_LoA	-9,10146327	0,045	0,300
CHR2	8164957	CHR2:8164957	SSF x Near_LoA	-7,19417999	0,101	0,302
CHR2	8166454	CHR2:8166454	SSF x Near_LoA	-5,05104212	0,018	0,306
CHR2	8171187	CHR2:8171187	SSF x Near_LoA	-10,1486364	0,060	0,314
CHR2	8193615	CHR2:8193615	SSF x Near_LoA	-6,90927234	0,014	0,305
CHR2	8193662	CHR2:8193662	SSF x Near_LoA	-10,2762404	-0,043	0,304
CHR2	8193697	CHR2:8193697	SSF x Near_LoA	-8,58069181	0,072	0,318
CHR2	8193761	CHR2:8193761	SSF x Near_LoA	-10,1270832	0,058	0,313
CHR2	8193781	CHR2:8193781	SSF x Near_LoA	-7,89064172	-0,066	0,303
CHR2	8193808	CHR2:8193808	SSF x Near_LoA	-9,34373492	0,033	0,312
CHR2	8193811	CHR2:8193811	SSF x Near_LoA	-9,62790055	0,004	0,320
CHR2	8193814	CHR2:8193814	SSF x Near_LoA	-10,8764003	0,023	0,308
CHR2	8193870	CHR2:8193870	SSF x Near_LoA	-9,76388499	0,015	0,307
CHR2	8203541	CHR2:8203541	SSF x Near_LoA	-9,59847698	0,082	0,313
CHR2	8203554	CHR2:8203554	SSF x Near_LoA	-10,2001174	-0,043	0,312
CHR2	8203569	CHR2:8203569	SSF x Near_LoA	-9,46670937	-0,081	0,293
CHR2	8203601	CHR2:8203601	SSF x Near_LoA	-10,394908	-0,055	0,325
CHR2	8203758	CHR2:8203758	SSF x Near_LoA	-9,9741772	-0,049	0,305
CHR2	8208606	CHR2:8208606	SSF x Near_LoA	-11,3338823	-0,029	0,308
CHR2	8213618	CHR2:8213618	SSF x Near_LoA	-9,33423664	-0,043	0,314
CHR2	8217667	CHR2:8217667	SSF x Near_LoA	-10,4248707	-0,032	0,304
CHR2	8217668	CHR2:8217668	SSF x Near_LoA	-9,94639657	-0,068	0,308
CHR2	8219157	CHR2:8219157	SSF x Near_LoA	-6,42630992	0,128	0,295
CHR2	8219183	CHR2:8219183	SSF x Near_LoA	-11,2377027	-0,115	0,303
CHR2	8219206	CHR2:8219206	SSF x Near_LoA	-8,50875907	0,091	0,303
CHR2	8223535	CHR2:8223535	SSF x Near_LoA	-5,25981098	0,081	0,317
CHR2	8223554	CHR2:8223554	SSF x Near_LoA	-9,51376128	0,056	0,309
CHR2	8223590	CHR2:8223590	SSF x Near_LoA	-8,95636781	0,019	0,318
CHR2	8223616	CHR2:8223616	SSF x Near_LoA	-7,83771417	0,010	0,300
CHR2	8223642	CHR2:8223642	SSF x Near_LoA	-9,00098932	0,056	0,307
CHR2	8223648	CHR2:8223648	SSF x Near_LoA	-5,87779257	0,080	0,311
CHR2	8223682	CHR2:8223682	SSF x Near_LoA	-8,89825832	-0,027	0,310
CHR2	8225283	CHR2:8225283	SSF x Near_LoA	-10,1412516	-0,107	0,300
CHR2	8225302	CHR2:8225302	SSF x Near_LoA	-8,95262934	0,050	0,318
CHR2	8225955	CHR2:8225955	SSF x Near_LoA	-11,5674913	-0,013	0,310
CHR2	8228910	CHR2:8228910	SSF x Near_LoA	-9,02117204	-0,004	0,314
CHR2	8229274	CHR2:8229274	SSF x Near_LoA	-8,48413658	0,042	0,309
CHR2	8242114	CHR2:8242114	SSF x Near_LoA	-8,94544831	0,030	0,308
CHR2	8242115	CHR2:8242115	SSF x Near_LoA	-8,71876719	0,045	0,308
CHR2	8242153	CHR2:8242153	SSF x Near_LoA	-9,64116147	0,039	0,303
CHR2	8242192	CHR2:8242192	SSF x Near_LoA	-4,98897159	0,003	0,302
CHR2	8243101	CHR2:8243101	SSF x Near_LoA	-8,27754428	0,125	0,303
CHR2	8243109	CHR2:8243109	SSF x Near_LoA	-9,33572047	0,083	0,298
CHR2	8243121	CHR2:8243121	SSF x Near_LoA	-6,44420341	0,085	0,296
CHR2	8253883	CHR2:8253883	SSF x Near_LoA	-11,1714598	-0,060	0,303
CHR2	8253885	CHR2:8253885	SSF x Near_LoA	-7,03439098	0,075	0,313

CHR2	8254777	CHR2:8254777	SSF x Near_LoA	-11,1831189	-0,030	0,297
CHR2	8259473	CHR2:8259473	SSF x Near_LoA	-10,9689139	0,067	0,299
CHR2	8264406	CHR2:8264406	SSF x Near_LoA	-11,1311266	-0,032	0,307
CHR2	8265919	CHR2:8265919	SSF x Near_LoA	-8,30353903	0,106	0,309
CHR2	8266006	CHR2:8266006	SSF x Near_LoA	-11,2656351	-0,037	0,297
CHR2	8266017	CHR2:8266017	SSF x Near_LoA	-11,2908883	-0,112	0,288
CHR2	8283020	CHR2:8283020	SSF x Near_LoA	-9,89722715	0,048	0,302
CHR2	8283141	CHR2:8283141	SSF x Near_LoA	-8,63148814	0,042	0,314
CHR2	8307747	CHR2:8307747	SSF x Near_LoA	-9,97937146	-0,023	0,295
CHR2	8307813	CHR2:8307813	SSF x Near_LoA	-10,4350296	0,035	0,303
CHR2	8313362	CHR2:8313362	SSF x Near_LoA	-8,02200718	0,102	0,315
CHR2	8313544	CHR2:8313544	SSF x Near_LoA	-9,17087165	-0,028	0,304
CHR2	8319314	CHR2:8319314	SSF x Near_LoA	-9,32241967	0,004	0,304
CHR2	8319396	CHR2:8319396	SSF x Near_LoA	-4,59743311	-0,167	0,300
CHR2	8336988	CHR2:8336988	SSF x Near_LoA	-10,2150715	-0,025	0,306
CHR2	8337064	CHR2:8337064	SSF x Near_LoA	-10,9862163	-0,054	0,300
CHR2	8340763	CHR2:8340763	SSF x Near_LoA	-8,65716778	0,154	0,305
CHR2	8347520	CHR2:8347520	SSF x Near_LoA	-11,1852943	-0,026	0,304
CHR2	8347697	CHR2:8347697	SSF x Near_LoA	-10,0385681	-0,072	0,300
CHR2	8347733	CHR2:8347733	SSF x Near_LoA	-11,3100643	0,057	0,309
CHR2	8354852	CHR2:8354852	SSF x Near_LoA	-10,4336183	-0,044	0,307
CHR2	8357868	CHR2:8357868	SSF x Near_LoA	-11,5255925	-0,084	0,303
CHR2	8362582	CHR2:8362582	SSF x Near_LoA	-10,2342852	-0,059	0,299
CHR2	8362589	CHR2:8362589	SSF x Near_LoA	-10,1551452	-0,003	0,294
CHR2	8362596	CHR2:8362596	SSF x Near_LoA	-9,5844987	-0,016	0,300
CHR2	8362610	CHR2:8362610	SSF x Near_LoA	-4,31625341	-0,018	0,313
CHR2	8362619	CHR2:8362619	SSF x Near_LoA	-8,33163182	-0,026	0,326
CHR2	8373640	CHR2:8373640	SSF x Near_LoA	-11,3083611	0,037	0,286
CHR2	8373809	CHR2:8373809	SSF x Near_LoA	-10,1265423	0,031	0,325
CHR2	8373824	CHR2:8373824	SSF x Near_LoA	-7,10274916	0,167	0,296
CHR2	8373827	CHR2:8373827	SSF x Near_LoA	-7,7849592	0,127	0,290
CHR2	8382072	CHR2:8382072	SSF x Near_LoA	-4,77318426	0,185	0,300
CHR2	8382153	CHR2:8382153	SSF x Near_LoA	-8,02859144	-0,077	0,311
CHR2	8385065	CHR2:8385065	SSF x Near_LoA	-5,89801124	0,220	0,288
CHR2	8385191	CHR2:8385191	SSF x Near_LoA	-11,6738247	-0,034	0,312
CHR2	8413036	CHR2:8413036	SSF x Near_LoA	-10,1670771	-0,037	0,303
CHR2	8413183	CHR2:8413183	SSF x Near_LoA	-7,05260306	0,015	0,312
CHR2	8419005	CHR2:8419005	SSF x Near_LoA	-9,36387277	-0,043	0,303
CHR2	8419065	CHR2:8419065	SSF x Near_LoA	-9,75996745	0,078	0,303
CHR2	8428919	CHR2:8428919	SSF x Near_LoA	-11,1065761	-0,042	0,309
CHR2	8436930	CHR2:8436930	SSF x Near_LoA	-10,199469	0,025	0,307
CHR2	8437006	CHR2:8437006	SSF x Near_LoA	9,76766867	0,164	0,308
CHR2	8437698	CHR2:8437698	SSF x Near_LoA	-7,08427987	-0,149	0,310
CHR2	8440932	CHR2:8440932	SSF x Near_LoA	-9,56294327	-0,089	0,302
CHR2	8442741	CHR2:8442741	SSF x Near_LoA	-10,780947	0,059	0,311
CHR2	8452116	CHR2:8452116	SSF x Near_LoA	-10,0556594	0,035	0,305
CHR2	8452129	CHR2:8452129	SSF x Near_LoA	-10,4262709	0,038	0,309
CHR2	8452177	CHR2:8452177	SSF x Near_LoA	-10,6408084	-0,036	0,294
CHR2	8453139	CHR2:8453139	SSF x Near_LoA	-10,0785993	0,056	0,312
CHR2	8461358	CHR2:8461358	SSF x Near_LoA	-9,70893388	0,151	0,301
CHR2	8461359	CHR2:8461359	SSF x Near_LoA	-5,31716641	-0,037	0,329
CHR2	8461391	CHR2:8461391	SSF x Near_LoA	-3,82973793	-0,041	0,310
CHR2	8461434	CHR2:8461434	SSF x Near_LoA	-11,7965126	-0,084	0,294

CHR2	8461493	CHR2:8461493	SSF x Near_LoA	-8,64292141	-0,020	0,306
CHR2	8461519	CHR2:8461519	SSF x Near_LoA	-9,12992384	-0,031	0,305
CHR2	8465329	CHR2:8465329	SSF x Near_LoA	-5,76049978	-0,151	0,293
CHR2	8466275	CHR2:8466275	SSF x Near_LoA	-10,5689466	-0,034	0,301
CHR2	8466486	CHR2:8466486	SSF x Near_LoA	-9,11238842	-0,026	0,304
CHR2	8468592	CHR2:8468592	SSF x Near_LoA	-10,6146649	-0,070	0,308
CHR2	8468593	CHR2:8468593	SSF x Near_LoA	-1,68882635	-0,019	0,314
CHR2	8473000	CHR2:8473000	SSF x Near_LoA	-9,780561	0,047	0,300
CHR2	8473011	CHR2:8473011	SSF x Near_LoA	-8,54028671	-0,041	0,300
CHR2	8484433	CHR2:8484433	SSF x Near_LoA	-10,3248218	0,166	0,300
CHR2	8484569	CHR2:8484569	SSF x Near_LoA	-7,38204715	0,068	0,305
CHR2	8489639	CHR2:8489639	SSF x Near_LoA	-12,0080289	0,003	0,306
CHR2	8489649	CHR2:8489649	SSF x Near_LoA	-8,06755366	0,177	0,299
CHR2	8489695	CHR2:8489695	SSF x Near_LoA	-9,62357589	-0,033	0,309
CHR2	8491151	CHR2:8491151	SSF x Near_LoA	-10,7757925	-0,018	0,305
CHR2	8491157	CHR2:8491157	SSF x Near_LoA	-11,248794	0,045	0,293
CHR2	8491224	CHR2:8491224	SSF x Near_LoA	-8,52257134	-0,068	0,314
CHR2	8492972	CHR2:8492972	SSF x Near_LoA	-9,59097206	0,119	0,299
CHR2	8492990	CHR2:8492990	SSF x Near_LoA	-8,72266179	-0,034	0,305
CHR2	8493028	CHR2:8493028	SSF x Near_LoA	-7,68498596	-0,052	0,314
CHR2	8493039	CHR2:8493039	SSF x Near_LoA	-9,46151508	-0,028	0,311
CHR2	8493041	CHR2:8493041	SSF x Near_LoA	-9,00861107	-0,055	0,314
CHR2	8493042	CHR2:8493042	SSF x Near_LoA	-10,5283693	-0,043	0,290
CHR2	8493045	CHR2:8493045	SSF x Near_LoA	-6,82610502	-0,066	0,301
CHR2	8493145	CHR2:8493145	SSF x Near_LoA	-10,2766725	0,127	0,303
CHR2	8494751	CHR2:8494751	SSF x Near_LoA	-10,6156645	-0,039	0,319
CHR2	8496516	CHR2:8496516	SSF x Near_LoA	-9,89766414	-0,086	0,314
CHR2	8496617	CHR2:8496617	SSF x Near_LoA	-5,05767639	0,158	0,299
CHR2	8500117	CHR2:8500117	SSF x Near_LoA	-7,85511072	-0,021	0,302
CHR2	8500154	CHR2:8500154	SSF x Near_LoA	-11,2863574	-0,007	0,300
CHR2	8500233	CHR2:8500233	SSF x Near_LoA	-6,91353561	0,081	0,305
CHR2	8503050	CHR2:8503050	SSF x Near_LoA	-9,98917834	0,079	0,295
CHR2	8503176	CHR2:8503176	SSF x Near_LoA	-11,0308284	0,011	0,299
CHR2	8503189	CHR2:8503189	SSF x Near_LoA	-8,69898751	-0,020	0,305
CHR2	8503190	CHR2:8503190	SSF x Near_LoA	-8,456679	-0,005	0,312
CHR2	851314	CHR2:851314	SSF x Near_LoA	-7,90910766	-0,001	0,313
CHR2	851424	CHR2:851424	SSF x Near_LoA	-11,4708003	0,019	0,304
CHR2	8514299	CHR2:8514299	SSF x Near_LoA	-9,89151146	-0,100	0,304
CHR2	8514300	CHR2:8514300	SSF x Near_LoA	-10,4822632	0,078	0,292
CHR2	8514324	CHR2:8514324	SSF x Near_LoA	-11,4896556	0,028	0,310
CHR2	8514347	CHR2:8514347	SSF x Near_LoA	-8,15078087	0,048	0,305
CHR2	8514421	CHR2:8514421	SSF x Near_LoA	-9,33440823	-0,096	0,308
CHR2	8514435	CHR2:8514435	SSF x Near_LoA	-10,2494371	-0,041	0,313
CHR2	8514491	CHR2:8514491	SSF x Near_LoA	-2,58074191	-0,013	0,303
CHR2	8532444	CHR2:8532444	SSF x Near_LoA	-11,5657818	-0,055	0,304
CHR2	8532502	CHR2:8532502	SSF x Near_LoA	-10,0091813	0,096	0,304
CHR2	8532588	CHR2:8532588	SSF x Near_LoA	-9,28597678	-0,087	0,305
CHR2	8533594	CHR2:8533594	SSF x Near_LoA	-9,42713916	-0,059	0,301
CHR2	8536725	CHR2:8536725	SSF x Near_LoA	-9,70220684	-0,045	0,312
CHR2	8536794	CHR2:8536794	SSF x Near_LoA	-8,06460509	-0,015	0,324
CHR2	853930	CHR2:853930	SSF x Near_LoA	-8,65805567	-0,035	0,314
CHR2	854046	CHR2:854046	SSF x Near_LoA	-12,1463258	0,033	0,304
CHR2	854212	CHR2:854212	SSF x Near_LoA	-9,76366859	-0,001	0,297

CHR2	854230	CHR2:854230	SSF x Near_LoA	-10,8177991	0,029	0,312
CHR2	8573796	CHR2:8573796	SSF x Near_LoA	-8,36666062	-0,093	0,293
CHR2	8590776	CHR2:8590776	SSF x Near_LoA	-8,78261795	0,022	0,322
CHR2	8594923	CHR2:8594923	SSF x Near_LoA	-6,06031878	0,039	0,298
CHR2	8594946	CHR2:8594946	SSF x Near_LoA	-7,39445539	-0,063	0,308
CHR2	8594952	CHR2:8594952	SSF x Near_LoA	-10,294279	0,074	0,316
CHR2	8594954	CHR2:8594954	SSF x Near_LoA	-11,3318505	0,024	0,301
CHR2	8595060	CHR2:8595060	SSF x Near_LoA	-10,2487981	0,007	0,309
CHR2	8595066	CHR2:8595066	SSF x Near_LoA	-10,0625916	0,028	0,314
CHR2	8595090	CHR2:8595090	SSF x Near_LoA	-9,93924938	-0,058	0,303
CHR2	8595108	CHR2:8595108	SSF x Near_LoA	-10,4347491	0,051	0,293
CHR2	8609175	CHR2:8609175	SSF x Near_LoA	-9,23111287	-0,108	0,309
CHR2	8609233	CHR2:8609233	SSF x Near_LoA	-8,68665086	-0,054	0,321
CHR2	8616631	CHR2:8616631	SSF x Near_LoA	-11,9696116	0,006	0,306
CHR2	8616651	CHR2:8616651	SSF x Near_LoA	-9,86703489	0,009	0,307
CHR2	8616712	CHR2:8616712	SSF x Near_LoA	-8,12514768	0,059	0,313
CHR2	861690	CHR2:861690	SSF x Near_LoA	-7,42426023	-0,123	0,309
CHR2	861713	CHR2:861713	SSF x Near_LoA	-9,61872664	0,048	0,320
CHR2	861727	CHR2:861727	SSF x Near_LoA	-8,4151265	0,062	0,304
CHR2	861733	CHR2:861733	SSF x Near_LoA	-8,95999461	0,070	0,314
CHR2	861738	CHR2:861738	SSF x Near_LoA	-8,07399275	0,096	0,308
CHR2	861754	CHR2:861754	SSF x Near_LoA	-6,58166511	0,181	0,283
CHR2	8626968	CHR2:8626968	SSF x Near_LoA	-11,6486906	0,008	0,310
CHR2	8627014	CHR2:8627014	SSF x Near_LoA	-8,90836682	0,050	0,310
CHR2	8627016	CHR2:8627016	SSF x Near_LoA	-8,61398024	-0,054	0,292
CHR2	8629658	CHR2:8629658	SSF x Near_LoA	-10,8653195	0,019	0,310
CHR2	8633997	CHR2:8633997	SSF x Near_LoA	-10,2944276	-0,053	0,314
CHR2	8634535	CHR2:8634535	SSF x Near_LoA	-8,57840581	0,078	0,307
CHR2	8634622	CHR2:8634622	SSF x Near_LoA	-11,2144363	-0,016	0,309
CHR2	8634648	CHR2:8634648	SSF x Near_LoA	-9,81227026	0,021	0,311
CHR2	8639305	CHR2:8639305	SSF x Near_LoA	-10,0184486	-0,011	0,299
CHR2	8639387	CHR2:8639387	SSF x Near_LoA	-9,10670713	0,025	0,323
CHR2	8639413	CHR2:8639413	SSF x Near_LoA	-8,76965745	-0,060	0,294
CHR2	8639434	CHR2:8639434	SSF x Near_LoA	-9,37079098	-0,057	0,294
CHR2	8639466	CHR2:8639466	SSF x Near_LoA	-10,0912604	-0,034	0,301
CHR2	8639519	CHR2:8639519	SSF x Near_LoA	-10,8850701	0,002	0,299
CHR2	8653369	CHR2:8653369	SSF x Near_LoA	-2,45371981	-0,091	0,314
CHR2	8662742	CHR2:8662742	SSF x Near_LoA	-8,70804204	-0,037	0,307
CHR2	8662757	CHR2:8662757	SSF x Near_LoA	-9,74721846	-0,015	0,310
CHR2	8662819	CHR2:8662819	SSF x Near_LoA	-8,78315109	-0,086	0,309
CHR2	8662833	CHR2:8662833	SSF x Near_LoA	-9,91085971	0,114	0,291
CHR2	8663852	CHR2:8663852	SSF x Near_LoA	-8,69710176	0,094	0,294
CHR2	8663880	CHR2:8663880	SSF x Near_LoA	-9,63384042	0,028	0,312
CHR2	8688430	CHR2:8688430	SSF x Near_LoA	-8,50149176	0,025	0,287
CHR2	8688431	CHR2:8688431	SSF x Near_LoA	-7,01703819	-0,119	0,310
CHR2	8688505	CHR2:8688505	SSF x Near_LoA	-10,1252411	-0,124	0,305
CHR2	8691640	CHR2:8691640	SSF x Near_LoA	-7,75732973	-0,115	0,301
CHR2	8691647	CHR2:8691647	SSF x Near_LoA	-11,0813722	0,067	0,306
CHR2	8697971	CHR2:8697971	SSF x Near_LoA	-9,93784967	-0,041	0,286
CHR2	8700885	CHR2:8700885	SSF x Near_LoA	-9,57398341	-0,009	0,309
CHR2	8700912	CHR2:8700912	SSF x Near_LoA	-9,88622991	0,094	0,310
CHR2	8700943	CHR2:8700943	SSF x Near_LoA	-8,42851312	0,063	0,311
CHR2	8700979	CHR2:8700979	SSF x Near_LoA	-11,3538561	-0,016	0,313

CHR2	8701018	CHR2:8701018	SSF x Near_LoA	-9,73816923	-0,116	0,326
CHR2	8701029	CHR2:8701029	SSF x Near_LoA	-7,69711586	-0,040	0,304
CHR2	8705889	CHR2:8705889	SSF x Near_LoA	-7,64326088	0,178	0,295
CHR2	8707299	CHR2:8707299	SSF x Near_LoA	-11,263697	0,011	0,300
CHR2	8707367	CHR2:8707367	SSF x Near_LoA	-8,98750781	-0,019	0,304
CHR2	8707379	CHR2:8707379	SSF x Near_LoA	-9,65033527	0,027	0,294
CHR2	8707380	CHR2:8707380	SSF x Near_LoA	-9,14393844	-0,035	0,325
CHR2	8707398	CHR2:8707398	SSF x Near_LoA	-10,3681782	0,017	0,301
CHR2	8707441	CHR2:8707441	SSF x Near_LoA	-7,97246457	0,025	0,315
CHR2	8707453	CHR2:8707453	SSF x Near_LoA	-7,99453834	-0,077	0,307
CHR2	8710941	CHR2:8710941	SSF x Near_LoA	-5,27728605	-0,125	0,313
CHR2	8710951	CHR2:8710951	SSF x Near_LoA	-11,875469	-0,011	0,292
CHR2	8710959	CHR2:8710959	SSF x Near_LoA	-9,39534979	0,024	0,311
CHR2	8711021	CHR2:8711021	SSF x Near_LoA	-9,49010188	-0,155	0,305
CHR2	8711068	CHR2:8711068	SSF x Near_LoA	-9,43569185	-0,062	0,304
CHR2	8711082	CHR2:8711082	SSF x Near_LoA	-8,58850288	-0,071	0,316
CHR2	8717088	CHR2:8717088	SSF x Near_LoA	-8,75392045	0,069	0,299
CHR2	8717175	CHR2:8717175	SSF x Near_LoA	-8,67201788	-0,129	0,310
CHR2	8717196	CHR2:8717196	SSF x Near_LoA	-9,9676391	0,001	0,323
CHR2	8717199	CHR2:8717199	SSF x Near_LoA	-9,54186273	0,005	0,320
CHR2	8717201	CHR2:8717201	SSF x Near_LoA	-9,99587347	0,008	0,314
CHR2	8717240	CHR2:8717240	SSF x Near_LoA	-9,32507096	0,096	0,319
CHR2	8717246	CHR2:8717246	SSF x Near_LoA	-8,37952627	-0,080	0,310
CHR2	8717301	CHR2:8717301	SSF x Near_LoA	-9,24799562	0,123	0,294
CHR2	8722906	CHR2:8722906	SSF x Near_LoA	-8,61955004	-0,026	0,310
CHR2	8722922	CHR2:8722922	SSF x Near_LoA	-9,32470788	0,018	0,314
CHR2	8722997	CHR2:8722997	SSF x Near_LoA	-10,2777507	0,004	0,299
CHR2	872500	CHR2:872500	SSF x Near_LoA	-9,29096236	-0,041	0,310
CHR2	872512	CHR2:872512	SSF x Near_LoA	-8,10914234	-0,036	0,318
CHR2	872521	CHR2:872521	SSF x Near_LoA	-8,51675441	0,041	0,313
CHR2	872535	CHR2:872535	SSF x Near_LoA	-7,65942328	-0,166	0,316
CHR2	872572	CHR2:872572	SSF x Near_LoA	-9,76490382	0,092	0,314
CHR2	8728843	CHR2:8728843	SSF x Near_LoA	-9,1842334	-0,065	0,298
CHR2	8728857	CHR2:8728857	SSF x Near_LoA	-10,9210174	0,060	0,308
CHR2	8728876	CHR2:8728876	SSF x Near_LoA	-8,18129969	-0,137	0,302
CHR2	8728957	CHR2:8728957	SSF x Near_LoA	-8,21099737	-0,041	0,331
CHR2	8729008	CHR2:8729008	SSF x Near_LoA	-10,9145977	-0,035	0,287
CHR2	8729045	CHR2:8729045	SSF x Near_LoA	-7,08963691	0,069	0,306
CHR2	8729048	CHR2:8729048	SSF x Near_LoA	-9,32168728	0,031	0,301
CHR2	8732082	CHR2:8732082	SSF x Near_LoA	-11,2552908	0,018	0,307
CHR2	8735366	CHR2:8735366	SSF x Near_LoA	-9,23814095	0,037	0,309
CHR2	8735470	CHR2:8735470	SSF x Near_LoA	-10,3229623	0,004	0,316
CHR2	8735512	CHR2:8735512	SSF x Near_LoA	-9,75799372	-0,002	0,305
CHR2	8735516	CHR2:8735516	SSF x Near_LoA	-7,80639771	-0,072	0,308
CHR2	8735600	CHR2:8735600	SSF x Near_LoA	-10,5372169	0,021	0,307
CHR2	8735612	CHR2:8735612	SSF x Near_LoA	-8,09663489	0,009	0,308
CHR2	8735681	CHR2:8735681	SSF x Near_LoA	-5,01618926	-0,049	0,311
CHR2	8735689	CHR2:8735689	SSF x Near_LoA	-9,88475626	-0,076	0,301
CHR2	8735692	CHR2:8735692	SSF x Near_LoA	-8,62573882	0,063	0,302
CHR2	8735702	CHR2:8735702	SSF x Near_LoA	-8,8137984	-0,055	0,319
CHR2	8740261	CHR2:8740261	SSF x Near_LoA	-8,73339969	0,090	0,300
CHR2	8764209	CHR2:8764209	SSF x Near_LoA	-10,5212839	-0,050	0,309
CHR2	8768352	CHR2:8768352	SSF x Near_LoA	-8,41205318	-0,015	0,309

CHR2	8771868	CHR2:8771868	SSF x Near_LoA	-8,66762764	-0,117	0,316
CHR2	877208	CHR2:877208	SSF x Near_LoA	-9,73168511	0,092	0,305
CHR2	877225	CHR2:877225	SSF x Near_LoA	-8,67040976	0,079	0,312
CHR2	877230	CHR2:877230	SSF x Near_LoA	-9,85078943	0,080	0,304
CHR2	8775415	CHR2:8775415	SSF x Near_LoA	-6,03358489	-0,020	0,321
CHR2	8775490	CHR2:8775490	SSF x Near_LoA	-10,2769217	-0,083	0,323
CHR2	8775499	CHR2:8775499	SSF x Near_LoA	-11,3276587	-0,037	0,291
CHR2	8777779	CHR2:8777779	SSF x Near_LoA	-7,83698285	-0,120	0,293
CHR2	8791550	CHR2:8791550	SSF x Near_LoA	-9,50344674	0,130	0,295
CHR2	8791667	CHR2:8791667	SSF x Near_LoA	-9,34212653	-0,109	0,301
CHR2	8792320	CHR2:8792320	SSF x Near_LoA	-10,3916368	-0,038	0,314
CHR2	8800336	CHR2:8800336	SSF x Near_LoA	-9,99206832	0,039	0,319
CHR2	8802073	CHR2:8802073	SSF x Near_LoA	-10,6693911	-0,070	0,313
CHR2	8802100	CHR2:8802100	SSF x Near_LoA	-7,82678486	-0,104	0,279
CHR2	8802224	CHR2:8802224	SSF x Near_LoA	-10,5205192	0,071	0,294
CHR2	8802245	CHR2:8802245	SSF x Near_LoA	-8,50417495	-0,099	0,284
CHR2	8802412	CHR2:8802412	SSF x Near_LoA	-8,20205572	0,058	0,307
CHR2	880452	CHR2:880452	SSF x Near_LoA	-10,5013569	-0,067	0,324
CHR2	880646	CHR2:880646	SSF x Near_LoA	-11,6429796	-0,066	0,303
CHR2	8809981	CHR2:8809981	SSF x Near_LoA	-11,5280293	0,041	0,296
CHR2	8817772	CHR2:8817772	SSF x Near_LoA	-10,2914551	0,008	0,301
CHR2	8817974	CHR2:8817974	SSF x Near_LoA	-10,9571715	0,020	0,304
CHR2	8824928	CHR2:8824928	SSF x Near_LoA	-10,3641281	0,043	0,314
CHR2	8824966	CHR2:8824966	SSF x Near_LoA	-7,50383702	0,007	0,314
CHR2	8825040	CHR2:8825040	SSF x Near_LoA	-7,59374744	-0,047	0,317
CHR2	882845	CHR2:882845	SSF x Near_LoA	-11,0132172	0,078	0,306
CHR2	882983	CHR2:882983	SSF x Near_LoA	-9,23620381	-0,055	0,315
CHR2	8830244	CHR2:8830244	SSF x Near_LoA	-9,10023978	0,024	0,297
CHR2	8832414	CHR2:8832414	SSF x Near_LoA	-9,63173058	0,095	0,303
CHR2	8833086	CHR2:8833086	SSF x Near_LoA	-7,13364839	0,123	0,295
CHR2	8833104	CHR2:8833104	SSF x Near_LoA	-9,28786258	-0,010	0,304
CHR2	8833105	CHR2:8833105	SSF x Near_LoA	-5,46660986	-0,034	0,315
CHR2	8833119	CHR2:8833119	SSF x Near_LoA	-9,14325954	-0,017	0,310
CHR2	8833151	CHR2:8833151	SSF x Near_LoA	-10,4624608	0,097	0,302
CHR2	8836391	CHR2:8836391	SSF x Near_LoA	-6,33348969	0,005	0,311
CHR2	8837340	CHR2:8837340	SSF x Near_LoA	-10,5791294	0,022	0,292
CHR2	8837515	CHR2:8837515	SSF x Near_LoA	-10,6682873	0,025	0,315
CHR2	8839830	CHR2:8839830	SSF x Near_LoA	-3,65075813	0,055	0,301
CHR2	8845791	CHR2:8845791	SSF x Near_LoA	-10,2989915	-0,098	0,320
CHR2	8845794	CHR2:8845794	SSF x Near_LoA	-10,8854994	0,077	0,306
CHR2	8856022	CHR2:8856022	SSF x Near_LoA	-9,12252416	0,094	0,321
CHR2	8856106	CHR2:8856106	SSF x Near_LoA	-7,08190347	-0,058	0,313
CHR2	8865068	CHR2:8865068	SSF x Near_LoA	-4,9384379	0,082	0,306
CHR2	8865099	CHR2:8865099	SSF x Near_LoA	-10,5070972	0,057	0,304
CHR2	8881177	CHR2:8881177	SSF x Near_LoA	-10,1959974	-0,089	0,317
CHR2	8894789	CHR2:8894789	SSF x Near_LoA	-7,8546396	-0,013	0,299
CHR2	8894793	CHR2:8894793	SSF x Near_LoA	-7,40984415	0,091	0,302
CHR2	8894800	CHR2:8894800	SSF x Near_LoA	-11,7110523	0,032	0,297
CHR2	8894803	CHR2:8894803	SSF x Near_LoA	-8,70369039	0,032	0,316
CHR2	8894818	CHR2:8894818	SSF x Near_LoA	-11,4886921	0,045	0,311
CHR2	891034	CHR2:891034	SSF x Near_LoA	-6,91586598	0,053	0,310
CHR2	8912233	CHR2:8912233	SSF x Near_LoA	-5,77545705	0,078	0,297
CHR2	8915899	CHR2:8915899	SSF x Near_LoA	-6,63982157	0,072	0,299

CHR2	8916001	CHR2:8916001	SSF x Near_LoA	-8,72404447	-0,151	0,296
CHR2	8916026	CHR2:8916026	SSF x Near_LoA	-9,18341575	-0,037	0,316
CHR2	8916064	CHR2:8916064	SSF x Near_LoA	-9,274359	0,076	0,314
CHR2	8916065	CHR2:8916065	SSF x Near_LoA	-8,34155436	0,047	0,317
CHR2	8938564	CHR2:8938564	SSF x Near_LoA	-8,2981375	0,024	0,300
CHR2	8938639	CHR2:8938639	SSF x Near_LoA	-7,36734245	0,072	0,297
CHR2	8942457	CHR2:8942457	SSF x Near_LoA	-11,159682	-0,042	0,303
CHR2	8942746	CHR2:8942746	SSF x Near_LoA	-10,5280921	0,102	0,298
CHR2	8945019	CHR2:8945019	SSF x Near_LoA	-8,45090871	0,037	0,314
CHR2	8945032	CHR2:8945032	SSF x Near_LoA	-9,43287374	-0,021	0,304
CHR2	8945077	CHR2:8945077	SSF x Near_LoA	-10,2280899	-0,036	0,312
CHR2	8945156	CHR2:8945156	SSF x Near_LoA	-9,67549243	-0,127	0,312
CHR2	8945176	CHR2:8945176	SSF x Near_LoA	-10,0340928	0,058	0,308
CHR2	8945201	CHR2:8945201	SSF x Near_LoA	-7,78642385	-0,023	0,315
CHR2	8945211	CHR2:8945211	SSF x Near_LoA	-6,83884586	-0,074	0,309
CHR2	8945232	CHR2:8945232	SSF x Near_LoA	-10,3724206	-0,095	0,298
CHR2	8947733	CHR2:8947733	SSF x Near_LoA	-7,51256656	-0,076	0,314
CHR2	8947738	CHR2:8947738	SSF x Near_LoA	-9,83329198	-0,090	0,301
CHR2	8947786	CHR2:8947786	SSF x Near_LoA	-9,86765361	0,029	0,305
CHR2	8947917	CHR2:8947917	SSF x Near_LoA	-11,8378406	-0,007	0,304
CHR2	8952673	CHR2:8952673	SSF x Near_LoA	-10,4622407	0,085	0,306
CHR2	8952702	CHR2:8952702	SSF x Near_LoA	-8,98770818	-0,094	0,301
CHR2	8970526	CHR2:8970526	SSF x Near_LoA	-10,8948354	-0,045	0,303
CHR2	8970532	CHR2:8970532	SSF x Near_LoA	-7,91760641	-0,022	0,322
CHR2	8970788	CHR2:8970788	SSF x Near_LoA	-8,22458369	0,021	0,313
CHR2	897278	CHR2:897278	SSF x Near_LoA	-5,16944052	0,107	0,298
CHR2	897288	CHR2:897288	SSF x Near_LoA	-10,9332787	-0,015	0,309
CHR2	8972946	CHR2:8972946	SSF x Near_LoA	-9,71891179	0,130	0,296
CHR2	897312	CHR2:897312	SSF x Near_LoA	-11,0203234	0,009	0,305
CHR2	8973706	CHR2:8973706	SSF x Near_LoA	-7,93100026	-0,096	0,310
CHR2	8973801	CHR2:8973801	SSF x Near_LoA	-5,35291557	0,044	0,310
CHR2	897458	CHR2:897458	SSF x Near_LoA	-8,15615706	0,015	0,316
CHR2	8975521	CHR2:8975521	SSF x Near_LoA	-10,122622	0,099	0,302
CHR2	897555	CHR2:897555	SSF x Near_LoA	-11,048018	-0,081	0,306
CHR2	8975577	CHR2:8975577	SSF x Near_LoA	-11,7083899	-0,053	0,305
CHR2	8990278	CHR2:8990278	SSF x Near_LoA	-5,68327944	-0,101	0,298
CHR2	8995265	CHR2:8995265	SSF x Near_LoA	-6,34743142	0,126	0,313
CHR2	8995904	CHR2:8995904	SSF x Near_LoA	-11,164871	0,010	0,317
CHR2	8995998	CHR2:8995998	SSF x Near_LoA	-8,52679638	0,042	0,303
CHR2	8998204	CHR2:8998204	SSF x Near_LoA	-10,8810871	0,072	0,311
CHR2	8998353	CHR2:8998353	SSF x Near_LoA	-10,9770821	-0,067	0,307
CHR2	9012225	CHR2:9012225	SSF x Near_LoA	-9,67255456	-0,114	0,294
CHR2	9017535	CHR2:9017535	SSF x Near_LoA	-9,25716599	-0,122	0,300
CHR2	9021126	CHR2:9021126	SSF x Near_LoA	-10,5395586	0,090	0,305
CHR2	902139	CHR2:902139	SSF x Near_LoA	-7,74715129	-0,036	0,299
CHR2	902210	CHR2:902210	SSF x Near_LoA	-11,7852509	-0,017	0,316
CHR2	9024918	CHR2:9024918	SSF x Near_LoA	-3,42608256	0,130	0,291
CHR2	9024939	CHR2:9024939	SSF x Near_LoA	-7,6858715	-0,160	0,310
CHR2	9024960	CHR2:9024960	SSF x Near_LoA	-10,2696161	-0,082	0,314
CHR2	9024968	CHR2:9024968	SSF x Near_LoA	-8,97510343	0,000	0,310
CHR2	904028	CHR2:904028	SSF x Near_LoA	-8,23461389	-0,037	0,318
CHR2	904065	CHR2:904065	SSF x Near_LoA	-11,4825045	0,006	0,300
CHR2	904066	CHR2:904066	SSF x Near_LoA	-8,13591283	-0,137	0,292

CHR2	904176	CHR2:904176	SSF x Near_LoA	-6,16696345	0,186	0,287
CHR2	904219	CHR2:904219	SSF x Near_LoA	-8,66491262	-0,059	0,307
CHR2	904265	CHR2:904265	SSF x Near_LoA	-10,2703527	-0,088	0,307
CHR2	9045878	CHR2:9045878	SSF x Near_LoA	-9,9338002	0,026	0,297
CHR2	9045953	CHR2:9045953	SSF x Near_LoA	-9,25867277	-0,092	0,299
CHR2	9047619	CHR2:9047619	SSF x Near_LoA	-10,6002652	-0,054	0,293
CHR2	9047703	CHR2:9047703	SSF x Near_LoA	-10,1289857	0,041	0,301
CHR2	9057647	CHR2:9057647	SSF x Near_LoA	-6,91775582	-0,076	0,308
CHR2	9071100	CHR2:9071100	SSF x Near_LoA	-7,56091522	-0,053	0,314
CHR2	9076254	CHR2:9076254	SSF x Near_LoA	-11,4929388	-0,073	0,296
CHR2	9081346	CHR2:9081346	SSF x Near_LoA	-6,2420092	0,141	0,307
CHR2	9096774	CHR2:9096774	SSF x Near_LoA	-3,31269558	0,056	0,301
CHR2	9098554	CHR2:9098554	SSF x Near_LoA	-9,87267555	-0,029	0,309
CHR2	9098573	CHR2:9098573	SSF x Near_LoA	-9,24680779	-0,047	0,312
CHR2	9101502	CHR2:9101502	SSF x Near_LoA	-11,8528735	0,055	0,304
CHR2	9101555	CHR2:9101555	SSF x Near_LoA	-9,28576297	0,079	0,311
CHR2	9101569	CHR2:9101569	SSF x Near_LoA	-9,22874813	0,050	0,303
CHR2	9101652	CHR2:9101652	SSF x Near_LoA	-8,56383809	-0,030	0,301
CHR2	9101678	CHR2:9101678	SSF x Near_LoA	-11,0844652	0,041	0,313
CHR2	9101700	CHR2:9101700	SSF x Near_LoA	-9,51724358	0,051	0,309
CHR2	912578	CHR2:912578	SSF x Near_LoA	-8,7533745	-0,071	0,313
CHR2	9146534	CHR2:9146534	SSF x Near_LoA	-6,94045858	0,005	0,311
CHR2	9146540	CHR2:9146540	SSF x Near_LoA	-7,84436285	-0,035	0,310
CHR2	9146580	CHR2:9146580	SSF x Near_LoA	-5,34323683	0,021	0,313
CHR2	9148056	CHR2:9148056	SSF x Near_LoA	-5,17916333	0,047	0,295
CHR2	9148139	CHR2:9148139	SSF x Near_LoA	-8,66416555	-0,020	0,303
CHR2	915177	CHR2:915177	SSF x Near_LoA	-10,1957389	0,071	0,312
CHR2	9156053	CHR2:9156053	SSF x Near_LoA	-7,54561968	-0,078	0,313
CHR2	9156226	CHR2:9156226	SSF x Near_LoA	-7,95976042	-0,069	0,310
CHR2	9156231	CHR2:9156231	SSF x Near_LoA	-9,82586212	0,060	0,318
CHR2	9157099	CHR2:9157099	SSF x Near_LoA	-9,42173731	0,004	0,301
CHR2	9157632	CHR2:9157632	SSF x Near_LoA	-8,8922385	0,049	0,309
CHR2	916390	CHR2:916390	SSF x Near_LoA	-10,1727562	0,091	0,312
CHR2	9165518	CHR2:9165518	SSF x Near_LoA	-8,67749153	-0,011	0,280
CHR2	9165522	CHR2:9165522	SSF x Near_LoA	-7,71890314	0,114	0,303
CHR2	9165526	CHR2:9165526	SSF x Near_LoA	-7,25345575	0,091	0,307
CHR2	9176540	CHR2:9176540	SSF x Near_LoA	-4,76559199	0,042	0,304
CHR2	9187907	CHR2:9187907	SSF x Near_LoA	-6,69044657	-0,167	0,304
CHR2	9187946	CHR2:9187946	SSF x Near_LoA	-10,3856354	0,030	0,305
CHR2	9188598	CHR2:9188598	SSF x Near_LoA	-8,53783664	0,055	0,304
CHR2	9196659	CHR2:9196659	SSF x Near_LoA	-7,78142391	-0,046	0,308
CHR2	9202599	CHR2:9202599	SSF x Near_LoA	-10,9483578	0,004	0,318
CHR2	9203559	CHR2:9203559	SSF x Near_LoA	-9,0656607	0,062	0,308
CHR2	9216361	CHR2:9216361	SSF x Near_LoA	-8,518742	0,068	0,308
CHR2	9220059	CHR2:9220059	SSF x Near_LoA	-11,0890322	0,099	0,317
CHR2	9220842	CHR2:9220842	SSF x Near_LoA	-11,8374649	0,025	0,299
CHR2	9220881	CHR2:9220881	SSF x Near_LoA	-8,06991894	-0,097	0,314
CHR2	9229823	CHR2:9229823	SSF x Near_LoA	-4,4565297	-0,056	0,311
CHR2	9229837	CHR2:9229837	SSF x Near_LoA	-11,0933234	-0,049	0,318
CHR2	9229919	CHR2:9229919	SSF x Near_LoA	-9,27818753	-0,025	0,310
CHR2	9229964	CHR2:9229964	SSF x Near_LoA	-10,3247946	-0,062	0,318
CHR2	9229993	CHR2:9229993	SSF x Near_LoA	-7,82039109	0,144	0,292
CHR2	9244356	CHR2:9244356	SSF x Near_LoA	-10,1209995	0,094	0,293

CHR2	9251015	CHR2:9251015	SSF x Near_LoA	-5,55964991	0,188	0,294
CHR2	9255060	CHR2:9255060	SSF x Near_LoA	-9,0814872	0,071	0,312
CHR2	926178	CHR2:926178	SSF x Near_LoA	-9,40223445	0,046	0,313
CHR2	926181	CHR2:926181	SSF x Near_LoA	-9,00927559	0,020	0,309
CHR2	926182	CHR2:926182	SSF x Near_LoA	-8,70421599	-0,070	0,306
CHR2	926211	CHR2:926211	SSF x Near_LoA	-8,65643268	-0,035	0,303
CHR2	926229	CHR2:926229	SSF x Near_LoA	-8,18073354	-0,117	0,306
CHR2	9275144	CHR2:9275144	SSF x Near_LoA	-10,9336064	0,005	0,303
CHR2	9275268	CHR2:9275268	SSF x Near_LoA	-9,75185597	0,088	0,305
CHR2	9275284	CHR2:9275284	SSF x Near_LoA	-9,48909786	0,033	0,315
CHR2	9275316	CHR2:9275316	SSF x Near_LoA	-11,0937739	0,053	0,305
CHR2	9275343	CHR2:9275343	SSF x Near_LoA	-7,69016092	-0,129	0,303
CHR2	9277643	CHR2:9277643	SSF x Near_LoA	-5,80189993	0,084	0,315
CHR2	928700	CHR2:928700	SSF x Near_LoA	-7,8163369	-0,092	0,312
CHR2	928724	CHR2:928724	SSF x Near_LoA	-10,9872121	-0,025	0,305
CHR2	928729	CHR2:928729	SSF x Near_LoA	-7,11399437	-0,038	0,314
CHR2	928733	CHR2:928733	SSF x Near_LoA	-9,17955447	-0,034	0,315
CHR2	931414	CHR2:931414	SSF x Near_LoA	-9,30065232	0,064	0,298
CHR2	932497	CHR2:932497	SSF x Near_LoA	-8,91688738	-0,039	0,309
CHR2	932568	CHR2:932568	SSF x Near_LoA	-5,52506703	-0,032	0,299
CHR2	932617	CHR2:932617	SSF x Near_LoA	-8,24130651	-0,049	0,315
CHR2	9338149	CHR2:9338149	SSF x Near_LoA	-8,71743547	-0,031	0,317
CHR2	9338227	CHR2:9338227	SSF x Near_LoA	-7,9478533	-0,048	0,314
CHR2	9342001	CHR2:9342001	SSF x Near_LoA	-9,33146493	-0,009	0,298
CHR2	9342045	CHR2:9342045	SSF x Near_LoA	-10,5244232	-0,020	0,304
CHR2	9342190	CHR2:9342190	SSF x Near_LoA	-11,9706271	-0,063	0,302
CHR2	9346225	CHR2:9346225	SSF x Near_LoA	-10,7891231	-0,081	0,316
CHR2	9346233	CHR2:9346233	SSF x Near_LoA	-9,02598695	-0,119	0,303
CHR2	9404974	CHR2:9404974	SSF x Near_LoA	-9,8245251	0,045	0,305
CHR2	9407001	CHR2:9407001	SSF x Near_LoA	-11,6903059	0,029	0,295
CHR2	9407002	CHR2:9407002	SSF x Near_LoA	-11,2653302	0,050	0,301
CHR2	9421221	CHR2:9421221	SSF x Near_LoA	-7,58985372	0,110	0,301
CHR2	9421553	CHR2:9421553	SSF x Near_LoA	-9,30555465	-0,003	0,304
CHR2	9421574	CHR2:9421574	SSF x Near_LoA	-7,65459621	0,017	0,315
CHR2	9459301	CHR2:9459301	SSF x Near_LoA	-8,9840394	0,082	0,300
CHR2	9459451	CHR2:9459451	SSF x Near_LoA	-8,64562668	-0,029	0,314
CHR2	9459505	CHR2:9459505	SSF x Near_LoA	-9,22529937	-0,007	0,311
CHR2	9471921	CHR2:9471921	SSF x Near_LoA	-10,1360821	0,016	0,296
CHR2	9472071	CHR2:9472071	SSF x Near_LoA	-10,4185082	0,007	0,311
CHR2	9477473	CHR2:9477473	SSF x Near_LoA	-10,4604323	-0,056	0,298
CHR2	9497279	CHR2:9497279	SSF x Near_LoA	-9,10353804	0,013	0,308
CHR2	9497755	CHR2:9497755	SSF x Near_LoA	-7,5448772	-0,101	0,301
CHR2	9522576	CHR2:9522576	SSF x Near_LoA	-11,6683966	-0,067	0,307
CHR2	9522611	CHR2:9522611	SSF x Near_LoA	-9,74504056	0,065	0,316
CHR2	9523483	CHR2:9523483	SSF x Near_LoA	-7,92206858	-0,100	0,312
CHR2	9538107	CHR2:9538107	SSF x Near_LoA	-8,58183221	0,067	0,313
CHR2	9538132	CHR2:9538132	SSF x Near_LoA	-8,54773905	0,049	0,314
CHR2	9538204	CHR2:9538204	SSF x Near_LoA	-9,97153672	-0,004	0,301
CHR2	9544750	CHR2:9544750	SSF x Near_LoA	-11,9715442	0,012	0,283
CHR2	9544795	CHR2:9544795	SSF x Near_LoA	-9,90472407	-0,064	0,306
CHR2	9544849	CHR2:9544849	SSF x Near_LoA	-6,24992401	0,039	0,312
CHR2	9545006	CHR2:9545006	SSF x Near_LoA	-9,12647749	0,095	0,308
CHR2	9555151	CHR2:9555151	SSF x Near_LoA	-8,71629548	0,014	0,311

CHR2	9555321	CHR2:9555321	SSF x Near_LoA	-10,8433385	0,039	0,306
CHR2	9555395	CHR2:9555395	SSF x Near_LoA	-8,06276159	0,016	0,314
CHR2	9555514	CHR2:9555514	SSF x Near_LoA	-12,2593261	0,022	0,301
CHR2	9563486	CHR2:9563486	SSF x Near_LoA	-8,74571645	0,013	0,308
CHR2	9565265	CHR2:9565265	SSF x Near_LoA	-8,28564035	0,036	0,287
CHR2	9572242	CHR2:9572242	SSF x Near_LoA	-6,89151528	-0,098	0,290
CHR2	9572243	CHR2:9572243	SSF x Near_LoA	-11,9834663	-0,050	0,297
CHR2	9572350	CHR2:9572350	SSF x Near_LoA	-10,2488732	-0,063	0,297
CHR2	9572355	CHR2:9572355	SSF x Near_LoA	-9,59340795	-0,045	0,301
CHR2	9578608	CHR2:9578608	SSF x Near_LoA	-9,62973857	0,030	0,300
CHR2	9578734	CHR2:9578734	SSF x Near_LoA	-9,95402372	0,079	0,313
CHR2	9578831	CHR2:9578831	SSF x Near_LoA	-8,96004383	0,012	0,312
CHR2	9582243	CHR2:9582243	SSF x Near_LoA	-10,1575686	-0,069	0,287
CHR2	9582356	CHR2:9582356	SSF x Near_LoA	-7,46454548	0,174	0,298
CHR2	9582377	CHR2:9582377	SSF x Near_LoA	-9,14778273	-0,076	0,305
CHR2	9582482	CHR2:9582482	SSF x Near_LoA	-7,15808266	-0,023	0,307
CHR2	9582496	CHR2:9582496	SSF x Near_LoA	-9,30658058	-0,019	0,313
CHR2	9582536	CHR2:9582536	SSF x Near_LoA	-10,641123	0,075	0,294
CHR2	9582573	CHR2:9582573	SSF x Near_LoA	-10,4581853	-0,063	0,314
CHR2	9584406	CHR2:9584406	SSF x Near_LoA	-8,94040052	-0,099	0,322
CHR2	9601851	CHR2:9601851	SSF x Near_LoA	-7,85428412	-0,070	0,316
CHR2	9601891	CHR2:9601891	SSF x Near_LoA	-8,80443404	-0,049	0,283
CHR2	9601935	CHR2:9601935	SSF x Near_LoA	-10,3491762	-0,062	0,313
CHR2	9601961	CHR2:9601961	SSF x Near_LoA	-7,73675965	0,091	0,316
CHR2	9605908	CHR2:9605908	SSF x Near_LoA	-8,1415353	0,101	0,307
CHR2	9615802	CHR2:9615802	SSF x Near_LoA	-9,19893771	0,055	0,300
CHR2	9615878	CHR2:9615878	SSF x Near_LoA	-12,0472675	0,063	0,294
CHR2	9615879	CHR2:9615879	SSF x Near_LoA	-10,883449	0,078	0,291
CHR2	9630224	CHR2:9630224	SSF x Near_LoA	-7,72211913	-0,144	0,304
CHR2	9630731	CHR2:9630731	SSF x Near_LoA	-9,98347726	0,021	0,302
CHR2	9630788	CHR2:9630788	SSF x Near_LoA	-8,45797231	0,051	0,292
CHR2	9630833	CHR2:9630833	SSF x Near_LoA	-10,2930121	-0,024	0,309
CHR2	9630911	CHR2:9630911	SSF x Near_LoA	-10,9060447	0,016	0,303
CHR2	9630923	CHR2:9630923	SSF x Near_LoA	-8,68822284	0,072	0,308
CHR2	963720	CHR2:963720	SSF x Near_LoA	-7,38435328	-0,113	0,311
CHR2	963729	CHR2:963729	SSF x Near_LoA	-5,29418668	-0,103	0,325
CHR2	963740	CHR2:963740	SSF x Near_LoA	-7,28113423	-0,147	0,306
CHR2	963769	CHR2:963769	SSF x Near_LoA	-5,91732147	-0,019	0,318
CHR2	963772	CHR2:963772	SSF x Near_LoA	-8,59047434	0,061	0,298
CHR2	963793	CHR2:963793	SSF x Near_LoA	-9,99636819	-0,076	0,296
CHR2	963838	CHR2:963838	SSF x Near_LoA	-9,70853535	-0,126	0,324
CHR2	963839	CHR2:963839	SSF x Near_LoA	-7,75815962	-0,039	0,299
CHR2	964293	CHR2:964293	SSF x Near_LoA	-4,21892412	0,091	0,318
CHR2	964307	CHR2:964307	SSF x Near_LoA	-8,63053098	-0,070	0,309
CHR2	9644471	CHR2:9644471	SSF x Near_LoA	-11,397648	0,050	0,305
CHR2	9644473	CHR2:9644473	SSF x Near_LoA	-9,69352282	-0,065	0,317
CHR2	9644503	CHR2:9644503	SSF x Near_LoA	-8,52879603	0,060	0,302
CHR2	9644518	CHR2:9644518	SSF x Near_LoA	-9,69785456	0,073	0,301
CHR2	9644546	CHR2:9644546	SSF x Near_LoA	-0,4795948	0,132	0,303
CHR2	9645034	CHR2:9645034	SSF x Near_LoA	-8,3206014	0,111	0,315
CHR2	9650596	CHR2:9650596	SSF x Near_LoA	-9,67604134	0,021	0,307
CHR2	9650599	CHR2:9650599	SSF x Near_LoA	-7,06435861	0,055	0,317
CHR2	9650672	CHR2:9650672	SSF x Near_LoA	-11,1170486	0,056	0,304

CHR2	9655550	CHR2:9655550	SSF x Near_LoA	-4,30941665	-0,211	0,304
CHR2	9655647	CHR2:9655647	SSF x Near_LoA	-2,15597711	0,097	0,297
CHR2	9656045	CHR2:9656045	SSF x Near_LoA	-9,04296669	-0,006	0,308
CHR2	9656048	CHR2:9656048	SSF x Near_LoA	-9,37691654	0,118	0,301
CHR2	9656081	CHR2:9656081	SSF x Near_LoA	-9,74805429	-0,048	0,300
CHR2	9666755	CHR2:9666755	SSF x Near_LoA	-9,17256639	-0,074	0,300
CHR2	9675996	CHR2:9675996	SSF x Near_LoA	-8,65676286	0,073	0,312
CHR2	9676040	CHR2:9676040	SSF x Near_LoA	10,477836	-0,100	0,312
CHR2	9676098	CHR2:9676098	SSF x Near_LoA	-9,02718712	-0,054	0,311
CHR2	9689290	CHR2:9689290	SSF x Near_LoA	-10,6042332	-0,054	0,308
CHR2	9690372	CHR2:9690372	SSF x Near_LoA	-8,20480525	-0,048	0,305
CHR2	9690429	CHR2:9690429	SSF x Near_LoA	-8,17893385	0,012	0,306
CHR2	9690433	CHR2:9690433	SSF x Near_LoA	-9,56131895	0,005	0,308
CHR2	9701367	CHR2:9701367	SSF x Near_LoA	-6,96124659	-0,224	0,289
CHR2	9701372	CHR2:9701372	SSF x Near_LoA	-4,77734642	-0,230	0,286
CHR2	9718795	CHR2:9718795	SSF x Near_LoA	-8,12621938	-0,040	0,323
CHR2	9718805	CHR2:9718805	SSF x Near_LoA	-9,6248243	-0,025	0,311
CHR2	9718809	CHR2:9718809	SSF x Near_LoA	-6,56242372	-0,067	0,317
CHR2	9718840	CHR2:9718840	SSF x Near_LoA	1,04473914	0,065	0,302
CHR2	9718900	CHR2:9718900	SSF x Near_LoA	-7,83722562	0,044	0,330
CHR2	9720159	CHR2:9720159	SSF x Near_LoA	-8,04314227	-0,041	0,300
CHR2	9720205	CHR2:9720205	SSF x Near_LoA	-9,58291566	-0,007	0,315
CHR2	9722913	CHR2:9722913	SSF x Near_LoA	-7,21450967	0,153	0,299
CHR2	9722939	CHR2:9722939	SSF x Near_LoA	-10,4434278	0,016	0,296
CHR2	9729405	CHR2:9729405	SSF x Near_LoA	-10,2143049	-0,008	0,307
CHR2	9734363	CHR2:9734363	SSF x Near_LoA	-12,2413175	0,054	0,308
CHR2	9734452	CHR2:9734452	SSF x Near_LoA	-6,42689233	-0,039	0,316
CHR2	9734468	CHR2:9734468	SSF x Near_LoA	-10,8877126	-0,011	0,313
CHR2	9734472	CHR2:9734472	SSF x Near_LoA	-9,50561799	0,105	0,302
CHR2	9734491	CHR2:9734491	SSF x Near_LoA	-9,01723743	0,000	0,305
CHR2	9734492	CHR2:9734492	SSF x Near_LoA	-3,18623888	-0,037	0,304
CHR2	9734516	CHR2:9734516	SSF x Near_LoA	-8,98768162	-0,037	0,313
CHR2	9734523	CHR2:9734523	SSF x Near_LoA	-11,0704917	0,023	0,311
CHR2	9734554	CHR2:9734554	SSF x Near_LoA	-9,59220899	-0,069	0,304
CHR2	9750657	CHR2:9750657	SSF x Near_LoA	-9,49379099	0,018	0,311
CHR2	9757137	CHR2:9757137	SSF x Near_LoA	-1,42859513	0,080	0,318
CHR2	9759230	CHR2:9759230	SSF x Near_LoA	-10,6066994	-0,060	0,307
CHR2	9759235	CHR2:9759235	SSF x Near_LoA	-9,68856363	0,050	0,307
CHR2	9761407	CHR2:9761407	SSF x Near_LoA	-6,96335297	0,088	0,321
CHR2	9764165	CHR2:9764165	SSF x Near_LoA	-9,70468393	0,038	0,302
CHR2	9775739	CHR2:9775739	SSF x Near_LoA	-9,41651276	0,050	0,312
CHR2	9775921	CHR2:9775921	SSF x Near_LoA	-10,0661186	-0,021	0,308
CHR2	9777962	CHR2:9777962	SSF x Near_LoA	-10,5783569	-0,013	0,307
CHR2	9777972	CHR2:9777972	SSF x Near_LoA	-7,93036584	0,096	0,312
CHR2	9777998	CHR2:9777998	SSF x Near_LoA	-11,1449668	0,035	0,317
CHR2	9778036	CHR2:9778036	SSF x Near_LoA	-1,98786571	0,088	0,306
CHR2	9778052	CHR2:9778052	SSF x Near_LoA	-8,95866816	-0,092	0,305
CHR2	9778202	CHR2:9778202	SSF x Near_LoA	-9,4611504	0,035	0,316
CHR2	9778205	CHR2:9778205	SSF x Near_LoA	-4,03882842	-0,178	0,295
CHR2	9778231	CHR2:9778231	SSF x Near_LoA	-6,65835875	-0,114	0,292
CHR2	9778258	CHR2:9778258	SSF x Near_LoA	-9,47648786	-0,103	0,307
CHR2	9778259	CHR2:9778259	SSF x Near_LoA	-8,90744488	-0,105	0,300
CHR2	9778279	CHR2:9778279	SSF x Near_LoA	-8,66052802	-0,087	0,303

CHR2	9778283	CHR2:9778283	SSF x Near_LoA	-8,46522061	-0,043	0,320
CHR2	9784713	CHR2:9784713	SSF x Near_LoA	-10,2821804	-0,012	0,303
CHR2	9784794	CHR2:9784794	SSF x Near_LoA	-10,2715784	-0,079	0,287
CHR2	9784878	CHR2:9784878	SSF x Near_LoA	-8,72908886	0,090	0,294
CHR2	978539	CHR2:978539	SSF x Near_LoA	-9,03030364	0,060	0,302
CHR2	978547	CHR2:978547	SSF x Near_LoA	-9,37150212	-0,075	0,308
CHR2	978629	CHR2:978629	SSF x Near_LoA	-8,95176986	0,094	0,301
CHR2	9788080	CHR2:9788080	SSF x Near_LoA	-9,02700782	0,047	0,301
CHR2	9788334	CHR2:9788334	SSF x Near_LoA	-9,44360751	-0,092	0,299
CHR2	9788545	CHR2:9788545	SSF x Near_LoA	-9,28019732	0,012	0,309
CHR2	9810174	CHR2:9810174	SSF x Near_LoA	-10,6536942	-0,039	0,309
CHR2	9810318	CHR2:9810318	SSF x Near_LoA	-5,67455324	0,107	0,295
CHR2	9812155	CHR2:9812155	SSF x Near_LoA	-9,57155792	0,094	0,317
CHR2	9825119	CHR2:9825119	SSF x Near_LoA	-9,0309306	-0,021	0,299
CHR2	9825194	CHR2:9825194	SSF x Near_LoA	-6,65314347	0,143	0,325
CHR2	9827362	CHR2:9827362	SSF x Near_LoA	-9,17262691	0,092	0,293
CHR2	9827405	CHR2:9827405	SSF x Near_LoA	-8,22013642	0,093	0,294
CHR2	9829122	CHR2:9829122	SSF x Near_LoA	-10,5830141	-0,014	0,309
CHR2	9829151	CHR2:9829151	SSF x Near_LoA	-7,89542183	-0,055	0,315
CHR2	9829204	CHR2:9829204	SSF x Near_LoA	-8,41207037	-0,030	0,322
CHR2	9829225	CHR2:9829225	SSF x Near_LoA	-6,76905813	-0,045	0,305
CHR2	9830936	CHR2:9830936	SSF x Near_LoA	-8,47403306	0,011	0,297
CHR2	9830957	CHR2:9830957	SSF x Near_LoA	-11,7837063	-0,036	0,301
CHR2	9830960	CHR2:9830960	SSF x Near_LoA	-8,53074274	-0,034	0,316
CHR2	9830965	CHR2:9830965	SSF x Near_LoA	-8,47479596	-0,085	0,301
CHR2	9830994	CHR2:9830994	SSF x Near_LoA	-9,93941775	0,119	0,309
CHR2	9831043	CHR2:9831043	SSF x Near_LoA	-6,1419493	-0,002	0,325
CHR2	9833279	CHR2:9833279	SSF x Near_LoA	-8,35664949	0,050	0,306
CHR2	9833293	CHR2:9833293	SSF x Near_LoA	-7,12342274	-0,052	0,322
CHR2	9833380	CHR2:9833380	SSF x Near_LoA	-7,1106262	0,113	0,312
CHR2	9833431	CHR2:9833431	SSF x Near_LoA	-8,95420793	-0,003	0,307
CHR2	9834258	CHR2:9834258	SSF x Near_LoA	-11,989234	0,093	0,301
CHR2	9834272	CHR2:9834272	SSF x Near_LoA	-9,04915567	-0,003	0,306
CHR2	9834273	CHR2:9834273	SSF x Near_LoA	-11,1052173	-0,018	0,306
CHR2	9834274	CHR2:9834274	SSF x Near_LoA	-11,4974179	-0,046	0,310
CHR2	9834277	CHR2:9834277	SSF x Near_LoA	-10,5666795	-0,053	0,306
CHR2	9838524	CHR2:9838524	SSF x Near_LoA	-9,48265851	0,050	0,319
CHR2	9838779	CHR2:9838779	SSF x Near_LoA	-6,70087276	-0,110	0,322
CHR2	9838802	CHR2:9838802	SSF x Near_LoA	-7,96285875	-0,099	0,301
CHR2	9838811	CHR2:9838811	SSF x Near_LoA	-10,3155022	0,067	0,300
CHR2	9838834	CHR2:9838834	SSF x Near_LoA	-7,41745648	0,084	0,317
CHR2	9849140	CHR2:9849140	SSF x Near_LoA	-7,93193352	0,082	0,304
CHR2	9849478	CHR2:9849478	SSF x Near_LoA	-9,84358224	-0,057	0,288
CHR2	9871605	CHR2:9871605	SSF x Near_LoA	-10,4550303	-0,024	0,304
CHR2	9871619	CHR2:9871619	SSF x Near_LoA	-3,30278674	-0,121	0,299
CHR2	9871624	CHR2:9871624	SSF x Near_LoA	-9,42134151	0,022	0,299
CHR2	9871650	CHR2:9871650	SSF x Near_LoA	-10,8233046	0,050	0,315
CHR2	9871658	CHR2:9871658	SSF x Near_LoA	-9,14914049	-0,044	0,308
CHR2	9871694	CHR2:9871694	SSF x Near_LoA	-8,06690637	0,042	0,306
CHR2	9871753	CHR2:9871753	SSF x Near_LoA	-9,99981212	0,048	0,325
CHR2	9880610	CHR2:9880610	SSF x Near_LoA	-4,94021631	-0,072	0,303
CHR2	9880618	CHR2:9880618	SSF x Near_LoA	-9,35011756	-0,143	0,311
CHR2	9880639	CHR2:9880639	SSF x Near_LoA	-8,50645296	0,108	0,309

CHR2	9880645	CHR2:9880645	SSF x Near_LoA	-7,24799045	-0,056	0,316
CHR2	9881894	CHR2:9881894	SSF x Near_LoA	-5,80844995	-0,162	0,305
CHR2	9891	CHR2:9891	SSF x Near_LoA	-8,63178266	0,036	0,303
CHR2	9897801	CHR2:9897801	SSF x Near_LoA	-9,92967742	0,019	0,301
CHR2	990402	CHR2:990402	SSF x Near_LoA	-9,93293806	-0,002	0,294
CHR2	990449	CHR2:990449	SSF x Near_LoA	-10,4125133	-0,037	0,306
CHR2	990524	CHR2:990524	SSF x Near_LoA	-10,0971247	0,019	0,302
CHR2	990559	CHR2:990559	SSF x Near_LoA	-7,73942173	0,008	0,309
CHR2	9915006	CHR2:9915006	SSF x Near_LoA	-7,64667325	-0,152	0,311
CHR2	9915094	CHR2:9915094	SSF x Near_LoA	-7,06998719	-0,140	0,319
CHR2	9915104	CHR2:9915104	SSF x Near_LoA	-8,84230231	0,013	0,308
CHR2	9915211	CHR2:9915211	SSF x Near_LoA	-8,29839148	-0,027	0,303
CHR2	9915283	CHR2:9915283	SSF x Near_LoA	-9,83697092	0,037	0,306
CHR2	9920738	CHR2:9920738	SSF x Near_LoA	-7,96744479	-0,191	0,297
CHR2	9932527	CHR2:9932527	SSF x Near_LoA	-11,628159	0,074	0,294
CHR2	9934080	CHR2:9934080	SSF x Near_LoA	-10,8438559	0,052	0,301
CHR2	9934210	CHR2:9934210	SSF x Near_LoA	-8,60767854	-0,099	0,302
CHR2	9934271	CHR2:9934271	SSF x Near_LoA	-10,2032327	0,091	0,306
CHR2	9934272	CHR2:9934272	SSF x Near_LoA	-2,90063603	0,067	0,302
CHR2	9936261	CHR2:9936261	SSF x Near_LoA	-8,23221512	0,040	0,308
CHR2	9936275	CHR2:9936275	SSF x Near_LoA	-8,63172414	0,031	0,300
CHR2	9936277	CHR2:9936277	SSF x Near_LoA	-8,24078463	0,044	0,307
CHR2	9936447	CHR2:9936447	SSF x Near_LoA	-6,30907001	-0,053	0,314
CHR2	9936473	CHR2:9936473	SSF x Near_LoA	-7,93830814	0,053	0,309
CHR2	9938687	CHR2:9938687	SSF x Near_LoA	-9,62948519	-0,132	0,307
CHR2	9942137	CHR2:9942137	SSF x Near_LoA	-9,62559883	0,097	0,301
CHR2	9942141	CHR2:9942141	SSF x Near_LoA	-10,6445183	0,096	0,293
CHR2	9945125	CHR2:9945125	SSF x Near_LoA	-11,274124	-0,049	0,316
CHR2	9945278	CHR2:9945278	SSF x Near_LoA	-3,66280502	-0,045	0,320
CHR2	9945340	CHR2:9945340	SSF x Near_LoA	-7,61057083	-0,086	0,316
CHR2	9945391	CHR2:9945391	SSF x Near_LoA	-7,49039046	0,098	0,302
CHR2	9963499	CHR2:9963499	SSF x Near_LoA	-8,29509826	-0,080	0,307
CHR2	996835	CHR2:996835	SSF x Near_LoA	-11,1594915	0,080	0,300
CHR2	996837	CHR2:996837	SSF x Near_LoA	-11,2880581	-0,015	0,314
CHR2	996889	CHR2:996889	SSF x Near_LoA	-3,59246416	-0,006	0,298
CHR2	996926	CHR2:996926	SSF x Near_LoA	-9,63094947	-0,010	0,303
CHR2	9969905	CHR2:9969905	SSF x Near_LoA	-9,7862653	0,082	0,306
CHR2	9970016	CHR2:9970016	SSF x Near_LoA	-8,62367748	-0,076	0,299
CHR2	9970023	CHR2:9970023	SSF x Near_LoA	-8,80444181	-0,054	0,309
CHR2	9970103	CHR2:9970103	SSF x Near_LoA	-6,30857736	-0,124	0,300
CHR2	999155	CHR2:999155	SSF x Near_LoA	-7,86725368	0,074	0,312
CHR2	999231	CHR2:999231	SSF x Near_LoA	-8,89531869	0,049	0,303
CHR2	999285	CHR2:999285	SSF x Near_LoA	-10,0825813	0,113	0,293
CHR2	999376	CHR2:999376	SSF x Near_LoA	-9,12700362	-0,161	0,292
CHR2	9997720	CHR2:9997720	SSF x Near_LoA	-10,8338835	0,040	0,306
CHR2	9998744	CHR2:9998744	SSF x Near_LoA	-10,0025163	-0,061	0,312
CHR2	9998752	CHR2:9998752	SSF x Near_LoA	-6,44899692	0,090	0,299
CHR3	1E+07	CHR3:10019699	SSF x Near_LoA	-9,64788226	-0,078	0,299
CHR3	1E+07	CHR3:10019722	SSF x Near_LoA	-9,16680703	-0,090	0,316
CHR3	1E+07	CHR3:10021188	SSF x Near_LoA	-11,0322028	-0,071	0,292
CHR3	1E+07	CHR3:10021221	SSF x Near_LoA	-10,6921768	-0,148	0,301
CHR3	1E+07	CHR3:10021268	SSF x Near_LoA	-9,03319049	0,062	0,309
CHR3	1002367	CHR3:1002367	SSF x Near_LoA	-6,32403823	-0,071	0,300

CHR3	1002387	CHR3:1002387	SSF x Near_LoA	5,46635889	0,015	0,307
CHR3	1002513	CHR3:1002513	SSF x Near_LoA	-10,0498382	-0,063	0,309
CHR3	1002567	CHR3:1002567	SSF x Near_LoA	-11,1027627	-0,062	0,322
CHR3	1E+07	CHR3:10034150	SSF x Near_LoA	-8,99792952	0,141	0,298
CHR3	1E+07	CHR3:10034268	SSF x Near_LoA	-12,6818389	0,061	0,311
CHR3	1E+07	CHR3:10046814	SSF x Near_LoA	-10,0283338	-0,010	0,310
CHR3	1E+07	CHR3:10047047	SSF x Near_LoA	-9,19737425	-0,019	0,307
CHR3	1E+07	CHR3:10058544	SSF x Near_LoA	-7,56572148	-0,163	0,301
CHR3	1E+07	CHR3:10058646	SSF x Near_LoA	-6,56384071	-0,096	0,315
CHR3	1E+07	CHR3:10058659	SSF x Near_LoA	-6,02807588	0,220	0,285
CHR3	1E+07	CHR3:10058663	SSF x Near_LoA	-8,13207151	-0,106	0,298
CHR3	1E+07	CHR3:10058664	SSF x Near_LoA	-6,05769005	-0,114	0,312
CHR3	1E+07	CHR3:10059605	SSF x Near_LoA	-8,1530173	-0,022	0,305
CHR3	1E+07	CHR3:10059632	SSF x Near_LoA	-8,045728	-0,137	0,291
CHR3	1E+07	CHR3:10059775	SSF x Near_LoA	-8,03402221	-0,090	0,308
CHR3	1E+07	CHR3:10059804	SSF x Near_LoA	-5,21634995	-0,212	0,288
CHR3	1E+07	CHR3:10059824	SSF x Near_LoA	-7,22274536	-0,139	0,293
CHR3	1E+07	CHR3:10059828	SSF x Near_LoA	-4,41639866	-0,110	0,304
CHR3	1E+07	CHR3:10059851	SSF x Near_LoA	-9,48428847	0,026	0,316
CHR3	1E+07	CHR3:10064105	SSF x Near_LoA	-10,5145944	0,035	0,317
CHR3	1E+07	CHR3:10064132	SSF x Near_LoA	-6,84844726	-0,194	0,291
CHR3	1E+07	CHR3:10064135	SSF x Near_LoA	-9,52894822	0,116	0,298
CHR3	1E+07	CHR3:10064144	SSF x Near_LoA	-4,3240108	-0,193	0,287
CHR3	1E+07	CHR3:10064196	SSF x Near_LoA	-7,84606774	0,070	0,310
CHR3	1006445	CHR3:1006445	SSF x Near_LoA	-8,34700061	0,089	0,309
CHR3	1006464	CHR3:1006464	SSF x Near_LoA	-6,59738254	0,120	0,309
CHR3	1E+07	CHR3:10067546	SSF x Near_LoA	-8,7092878	0,127	0,305
CHR3	1E+07	CHR3:10077099	SSF x Near_LoA	-6,32923332	-0,100	0,302
CHR3	1E+07	CHR3:10077180	SSF x Near_LoA	-8,40218871	0,074	0,311
CHR3	1E+07	CHR3:10091693	SSF x Near_LoA	-8,18415603	0,099	0,299
CHR3	1E+07	CHR3:10091776	SSF x Near_LoA	-9,92234977	-0,081	0,292
CHR3	1E+07	CHR3:10091782	SSF x Near_LoA	-10,2095715	-0,077	0,303
CHR3	1E+07	CHR3:10092085	SSF x Near_LoA	-9,09564597	0,024	0,313
CHR3	1E+07	CHR3:10092091	SSF x Near_LoA	-4,61599777	0,038	0,311
CHR3	1E+07	CHR3:10092097	SSF x Near_LoA	-10,3775334	-0,005	0,315
CHR3	1E+07	CHR3:10092154	SSF x Near_LoA	-10,5641588	-0,044	0,294
CHR3	1E+07	CHR3:10092176	SSF x Near_LoA	-8,99027214	0,089	0,302
CHR3	1E+07	CHR3:10094327	SSF x Near_LoA	-10,3463505	-0,008	0,307
CHR3	1E+07	CHR3:10095252	SSF x Near_LoA	-8,18707961	0,109	0,300
CHR3	1E+07	CHR3:10095363	SSF x Near_LoA	-5,81026011	0,011	0,316
CHR3	1E+07	CHR3:10095961	SSF x Near_LoA	-9,29474625	-0,024	0,305
CHR3	1E+07	CHR3:10096815	SSF x Near_LoA	-8,37505056	0,027	0,307
CHR3	1E+07	CHR3:10096975	SSF x Near_LoA	-9,18591433	0,034	0,309
CHR3	1E+07	CHR3:10097054	SSF x Near_LoA	14,3776888	-0,109	0,304
CHR3	1E+07	CHR3:10097062	SSF x Near_LoA	-7,91517165	0,067	0,298
CHR3	1E+07	CHR3:10097076	SSF x Near_LoA	-8,29843059	0,016	0,305
CHR3	1E+07	CHR3:10098418	SSF x Near_LoA	-8,2075674	0,031	0,322
CHR3	1E+07	CHR3:10098461	SSF x Near_LoA	-9,98574885	0,107	0,315
CHR3	1E+07	CHR3:10106498	SSF x Near_LoA	-10,1917349	-0,010	0,309
CHR3	1E+07	CHR3:10106574	SSF x Near_LoA	-2,12742327	0,165	0,306
CHR3	1E+07	CHR3:10106584	SSF x Near_LoA	-9,72658353	0,016	0,312
CHR3	1E+07	CHR3:10116135	SSF x Near_LoA	-2,65318864	-0,009	0,303
CHR3	1E+07	CHR3:10116145	SSF x Near_LoA	-8,65594147	0,024	0,303

CHR3	1E+07	CHR3:10116150	SSF x Near_LoA	-9,28388309	0,048	0,302
CHR3	1E+07	CHR3:10120357	SSF x Near_LoA	-8,52506742	0,118	0,298
CHR3	1E+07	CHR3:10130889	SSF x Near_LoA	-9,54653917	0,059	0,309
CHR3	1E+07	CHR3:10141359	SSF x Near_LoA	-11,4601999	-0,034	0,307
CHR3	1E+07	CHR3:10141400	SSF x Near_LoA	-10,5076473	0,016	0,306
CHR3	1E+07	CHR3:10141469	SSF x Near_LoA	-9,87930818	0,064	0,320
CHR3	1E+07	CHR3:10141526	SSF x Near_LoA	-9,38647738	-0,065	0,293
CHR3	1E+07	CHR3:10141712	SSF x Near_LoA	-9,12916222	-0,024	0,315
CHR3	1E+07	CHR3:10158494	SSF x Near_LoA	-9,27969252	0,001	0,306
CHR3	1E+07	CHR3:10160015	SSF x Near_LoA	-10,9385092	-0,029	0,315
CHR3	1E+07	CHR3:10160043	SSF x Near_LoA	-7,00744116	0,035	0,303
CHR3	1E+07	CHR3:10160074	SSF x Near_LoA	-11,0962645	-0,012	0,302
CHR3	1E+07	CHR3:10160103	SSF x Near_LoA	-10,6512903	-0,063	0,307
CHR3	1E+07	CHR3:10160115	SSF x Near_LoA	-3,08603508	-0,205	0,311
CHR3	1E+07	CHR3:10160116	SSF x Near_LoA	-8,38334301	0,088	0,319
CHR3	1E+07	CHR3:10160193	SSF x Near_LoA	-9,6307293	-0,037	0,314
CHR3	1E+07	CHR3:10162025	SSF x Near_LoA	-10,5760661	-0,064	0,319
CHR3	1E+07	CHR3:10162028	SSF x Near_LoA	-10,5290877	-0,074	0,316
CHR3	1E+07	CHR3:10162043	SSF x Near_LoA	-7,59956446	-0,103	0,314
CHR3	1E+07	CHR3:10162074	SSF x Near_LoA	-9,5525042	-0,072	0,299
CHR3	1E+07	CHR3:10162085	SSF x Near_LoA	-10,9211441	0,009	0,315
CHR3	1E+07	CHR3:10167040	SSF x Near_LoA	-9,07780016	-0,168	0,302
CHR3	1E+07	CHR3:10167061	SSF x Near_LoA	-10,6521199	0,100	0,302
CHR3	1E+07	CHR3:10167121	SSF x Near_LoA	-10,2738908	-0,029	0,310
CHR3	1E+07	CHR3:10167158	SSF x Near_LoA	-10,8082401	-0,018	0,297
CHR3	1E+07	CHR3:10167163	SSF x Near_LoA	-6,86258431	-0,025	0,296
CHR3	1E+07	CHR3:10167205	SSF x Near_LoA	-11,1383903	0,003	0,309
CHR3	1E+07	CHR3:10167254	SSF x Near_LoA	-9,77538093	-0,049	0,310
CHR3	1E+07	CHR3:10167256	SSF x Near_LoA	-8,05288452	-0,064	0,309
CHR3	1E+07	CHR3:10167287	SSF x Near_LoA	-10,4037458	0,026	0,307
CHR3	1E+07	CHR3:10167303	SSF x Near_LoA	-10,2218677	-0,087	0,297
CHR3	1E+07	CHR3:10170373	SSF x Near_LoA	-7,74844787	-0,138	0,296
CHR3	1E+07	CHR3:10170387	SSF x Near_LoA	-5,15447235	-0,143	0,308
CHR3	1E+07	CHR3:10183412	SSF x Near_LoA	-10,3282538	0,059	0,307
CHR3	1E+07	CHR3:10183507	SSF x Near_LoA	-9,20552289	0,078	0,304
CHR3	1E+07	CHR3:10183516	SSF x Near_LoA	-10,6149125	0,013	0,326
CHR3	1E+07	CHR3:10183584	SSF x Near_LoA	-10,2506737	-0,053	0,314
CHR3	1E+07	CHR3:10185293	SSF x Near_LoA	-9,70500795	-0,148	0,310
CHR3	1E+07	CHR3:10192985	SSF x Near_LoA	-8,79739812	-0,064	0,304
CHR3	1E+07	CHR3:10192987	SSF x Near_LoA	-8,4730456	-0,072	0,298
CHR3	1E+07	CHR3:10200204	SSF x Near_LoA	-9,64166729	0,026	0,321
CHR3	1E+07	CHR3:10200244	SSF x Near_LoA	-10,9972417	0,006	0,312
CHR3	1E+07	CHR3:10208037	SSF x Near_LoA	-11,6166465	0,011	0,304
CHR3	1E+07	CHR3:10208051	SSF x Near_LoA	-7,87882663	0,013	0,309
CHR3	1E+07	CHR3:10208120	SSF x Near_LoA	-6,8597911	0,063	0,310
CHR3	1E+07	CHR3:10208132	SSF x Near_LoA	-3,90110949	-0,128	0,309
CHR3	1E+07	CHR3:10208154	SSF x Near_LoA	-7,81820033	0,119	0,300
CHR3	1E+07	CHR3:10208196	SSF x Near_LoA	-9,93228798	0,019	0,305
CHR3	1E+07	CHR3:10208239	SSF x Near_LoA	-9,07920897	-0,034	0,307
CHR3	1E+07	CHR3:10208259	SSF x Near_LoA	-8,67126786	-0,063	0,308
CHR3	1E+07	CHR3:10208263	SSF x Near_LoA	-5,4618231	0,133	0,317
CHR3	1E+07	CHR3:10211969	SSF x Near_LoA	-9,86790177	0,054	0,308
CHR3	1E+07	CHR3:10226786	SSF x Near_LoA	-12,4966897	-0,016	0,301

CHR3	1E+07	CHR3:10230924	SSF x Near_LoA	-8,93760213	0,104	0,311
CHR3	1E+07	CHR3:10230945	SSF x Near_LoA	-9,97573757	0,054	0,298
CHR3	1E+07	CHR3:10231007	SSF x Near_LoA	-8,44287566	0,001	0,313
CHR3	1E+07	CHR3:10232770	SSF x Near_LoA	-9,65042616	-0,059	0,299
CHR3	1E+07	CHR3:10258959	SSF x Near_LoA	-9,37586058	0,135	0,305
CHR3	1E+07	CHR3:10289047	SSF x Near_LoA	-10,9552784	0,054	0,304
CHR3	1E+07	CHR3:10289827	SSF x Near_LoA	-8,78710306	0,009	0,310
CHR3	1E+07	CHR3:10289899	SSF x Near_LoA	-11,2334161	-0,004	0,311
CHR3	1E+07	CHR3:10291032	SSF x Near_LoA	-10,7290498	0,110	0,301
CHR3	1E+07	CHR3:10291104	SSF x Near_LoA	-9,27262146	-0,028	0,309
CHR3	1E+07	CHR3:10291108	SSF x Near_LoA	-10,8137942	0,063	0,313
CHR3	1E+07	CHR3:10291132	SSF x Near_LoA	-8,78703912	0,100	0,307
CHR3	1E+07	CHR3:10294501	SSF x Near_LoA	-9,54373458	0,106	0,304
CHR3	1E+07	CHR3:10294553	SSF x Near_LoA	3,17480702	-0,229	0,288
CHR3	1E+07	CHR3:10299964	SSF x Near_LoA	-10,2584864	0,063	0,292
CHR3	1E+07	CHR3:10299965	SSF x Near_LoA	-9,38231422	0,082	0,302
CHR3	1E+07	CHR3:10299986	SSF x Near_LoA	-9,46237005	-0,132	0,293
CHR3	1E+07	CHR3:10299989	SSF x Near_LoA	-8,59229612	-0,084	0,317
CHR3	1E+07	CHR3:10300003	SSF x Near_LoA	-11,0639705	-0,082	0,277
CHR3	1E+07	CHR3:10326524	SSF x Near_LoA	-11,1166496	-0,090	0,314
CHR3	1E+07	CHR3:10326633	SSF x Near_LoA	-5,7828591	0,122	0,317
CHR3	1E+07	CHR3:10330812	SSF x Near_LoA	-12,0688285	0,018	0,309
CHR3	1E+07	CHR3:10336554	SSF x Near_LoA	-9,06839531	-0,047	0,307
CHR3	1E+07	CHR3:10342673	SSF x Near_LoA	-7,33186415	-0,097	0,312
CHR3	1E+07	CHR3:10344361	SSF x Near_LoA	-8,00510548	-0,113	0,300
CHR3	1E+07	CHR3:10350817	SSF x Near_LoA	-11,198903	-0,048	0,309
CHR3	1E+07	CHR3:10375826	SSF x Near_LoA	-10,070143	-0,114	0,317
CHR3	1E+07	CHR3:10376224	SSF x Near_LoA	-9,3518446	-0,021	0,312
CHR3	1E+07	CHR3:10381826	SSF x Near_LoA	-11,4794882	-0,026	0,308
CHR3	1E+07	CHR3:10381844	SSF x Near_LoA	-11,5833267	-0,029	0,310
CHR3	1E+07	CHR3:10381855	SSF x Near_LoA	-10,7434671	-0,013	0,305
CHR3	1E+07	CHR3:10381876	SSF x Near_LoA	-9,02924864	-0,007	0,327
CHR3	1E+07	CHR3:10381889	SSF x Near_LoA	-7,89412362	0,152	0,299
CHR3	1E+07	CHR3:10381960	SSF x Near_LoA	-9,82193967	-0,015	0,316
CHR3	1E+07	CHR3:10381965	SSF x Near_LoA	-6,44863055	0,158	0,291
CHR3	1E+07	CHR3:10381978	SSF x Near_LoA	-8,28634579	-0,085	0,319
CHR3	1E+07	CHR3:10390961	SSF x Near_LoA	-9,02519526	0,013	0,309
CHR3	1E+07	CHR3:10391110	SSF x Near_LoA	-8,91048726	0,037	0,321
CHR3	1E+07	CHR3:10414171	SSF x Near_LoA	-10,6057326	0,004	0,307
CHR3	1E+07	CHR3:10414194	SSF x Near_LoA	-9,78028843	-0,085	0,306
CHR3	1E+07	CHR3:10437984	SSF x Near_LoA	-8,01680143	-0,057	0,307
CHR3	1E+07	CHR3:10438000	SSF x Near_LoA	-9,40370901	0,114	0,302
CHR3	1E+07	CHR3:10438072	SSF x Near_LoA	-8,09517023	-0,009	0,307
CHR3	1E+07	CHR3:10438140	SSF x Near_LoA	-9,46505987	-0,022	0,306
CHR3	1E+07	CHR3:10438154	SSF x Near_LoA	-11,5828822	-0,016	0,299
CHR3	1E+07	CHR3:10438185	SSF x Near_LoA	-10,0922542	0,053	0,316
CHR3	1E+07	CHR3:10438192	SSF x Near_LoA	-7,65998333	0,049	0,307
CHR3	1E+07	CHR3:10442097	SSF x Near_LoA	-8,73023698	-0,044	0,315
CHR3	1E+07	CHR3:10442293	SSF x Near_LoA	-0,06990628	0,148	0,304
CHR3	1E+07	CHR3:10465603	SSF x Near_LoA	-8,88232683	-0,084	0,301
CHR3	1E+07	CHR3:10465606	SSF x Near_LoA	-10,1999296	-0,003	0,310
CHR3	1E+07	CHR3:10465650	SSF x Near_LoA	-8,54220532	0,006	0,316
CHR3	1E+07	CHR3:10465652	SSF x Near_LoA	-9,4165996	0,004	0,308

CHR3	1E+07	CHR3:10465712	SSF x Near_LoA	-9,94051299	-0,048	0,311
CHR3	1E+07	CHR3:10465762	SSF x Near_LoA	-8,74740939	-0,046	0,316
CHR3	1E+07	CHR3:10465799	SSF x Near_LoA	-11,1392908	0,027	0,310
CHR3	1E+07	CHR3:10465810	SSF x Near_LoA	-8,03609517	-0,040	0,301
CHR3	1E+07	CHR3:10465823	SSF x Near_LoA	-9,69581764	-0,073	0,305
CHR3	1E+07	CHR3:10482236	SSF x Near_LoA	-9,38974091	-0,052	0,304
CHR3	1E+07	CHR3:10482285	SSF x Near_LoA	-8,9632114	0,002	0,313
CHR3	1E+07	CHR3:10482331	SSF x Near_LoA	-12,268496	0,005	0,314
CHR3	1E+07	CHR3:10485829	SSF x Near_LoA	-4,3864324	0,078	0,307
CHR3	1E+07	CHR3:10485842	SSF x Near_LoA	-8,45183861	0,030	0,307
CHR3	1E+07	CHR3:10488664	SSF x Near_LoA	-9,48970354	0,101	0,305
CHR3	1E+07	CHR3:10490523	SSF x Near_LoA	-8,25824229	-0,044	0,314
CHR3	1E+07	CHR3:10490587	SSF x Near_LoA	-10,5009106	-0,049	0,307
CHR3	1E+07	CHR3:10490647	SSF x Near_LoA	-9,79992179	-0,069	0,306
CHR3	1E+07	CHR3:10494173	SSF x Near_LoA	-8,32087927	0,041	0,311
CHR3	1E+07	CHR3:10494176	SSF x Near_LoA	-7,64400357	0,008	0,324
CHR3	1E+07	CHR3:10494232	SSF x Near_LoA	-8,13957568	0,100	0,299
CHR3	1E+07	CHR3:10494243	SSF x Near_LoA	-7,88348349	-0,090	0,322
CHR3	1E+07	CHR3:10494278	SSF x Near_LoA	-8,5410249	-0,061	0,317
CHR3	10500231	CHR3:10500231	SSF x Near_LoA	-9,0358106	0,017	0,316
CHR3	1050140	CHR3:1050140	SSF x Near_LoA	-6,14201409	0,039	0,297
CHR3	1050153	CHR3:1050153	SSF x Near_LoA	-10,1107941	-0,104	0,310
CHR3	1050184	CHR3:1050184	SSF x Near_LoA	-2,39415969	-0,011	0,301
CHR3	1050187	CHR3:1050187	SSF x Near_LoA	-7,36077096	0,083	0,306
CHR3	10502002	CHR3:10502002	SSF x Near_LoA	-7,64693156	-0,111	0,308
CHR3	10502072	CHR3:10502072	SSF x Near_LoA	-8,19629459	-0,054	0,296
CHR3	1050219	CHR3:1050219	SSF x Near_LoA	-7,78955255	0,011	0,294
CHR3	10505558	CHR3:10505558	SSF x Near_LoA	-11,3424686	0,023	0,303
CHR3	10511313	CHR3:10511313	SSF x Near_LoA	-8,59306441	-0,075	0,312
CHR3	10511356	CHR3:10511356	SSF x Near_LoA	-9,27996301	0,094	0,310
CHR3	10511395	CHR3:10511395	SSF x Near_LoA	-10,0083383	0,013	0,313
CHR3	10511458	CHR3:10511458	SSF x Near_LoA	-10,6283656	-0,111	0,315
CHR3	10514984	CHR3:10514984	SSF x Near_LoA	-10,3752005	0,038	0,308
CHR3	10515006	CHR3:10515006	SSF x Near_LoA	-5,52493264	-0,067	0,307
CHR3	10515062	CHR3:10515062	SSF x Near_LoA	-10,2559835	0,051	0,314
CHR3	10515073	CHR3:10515073	SSF x Near_LoA	-8,01183322	0,065	0,313
CHR3	10515128	CHR3:10515128	SSF x Near_LoA	-9,50145626	0,020	0,309
CHR3	10515144	CHR3:10515144	SSF x Near_LoA	-7,27738919	0,044	0,308
CHR3	10515168	CHR3:10515168	SSF x Near_LoA	-7,77656071	-0,066	0,307
CHR3	10515174	CHR3:10515174	SSF x Near_LoA	-7,1891122	-0,037	0,316
CHR3	10515194	CHR3:10515194	SSF x Near_LoA	-9,00979813	-0,008	0,300
CHR3	10515214	CHR3:10515214	SSF x Near_LoA	-9,01708087	-0,018	0,311
CHR3	10515232	CHR3:10515232	SSF x Near_LoA	-3,94366876	-0,006	0,313
CHR3	10517388	CHR3:10517388	SSF x Near_LoA	-7,50886415	0,059	0,316
CHR3	10522728	CHR3:10522728	SSF x Near_LoA	-8,52481316	-0,029	0,300
CHR3	10525057	CHR3:10525057	SSF x Near_LoA	-8,78413513	0,066	0,313
CHR3	10525211	CHR3:10525211	SSF x Near_LoA	-7,10192886	-0,138	0,305
CHR3	10525242	CHR3:10525242	SSF x Near_LoA	-8,13021613	-0,132	0,291
CHR3	10525251	CHR3:10525251	SSF x Near_LoA	-7,72921439	-0,132	0,290
CHR3	10525284	CHR3:10525284	SSF x Near_LoA	-8,20894085	-0,064	0,311
CHR3	10525318	CHR3:10525318	SSF x Near_LoA	-5,01018636	0,013	0,299
CHR3	10530537	CHR3:10530537	SSF x Near_LoA	-10,5792545	0,035	0,301
CHR3	10530736	CHR3:10530736	SSF x Near_LoA	-9,16681204	-0,003	0,308

CHR3	10530748	CHR3:10530748	SSF x Near_LoA	-11,34521	-0,046	0,299
CHR3	10536940	CHR3:10536940	SSF x Near_LoA	-9,04035298	0,076	0,311
CHR3	10538782	CHR3:10538782	SSF x Near_LoA	-1,85578592	0,030	0,310
CHR3	10538951	CHR3:10538951	SSF x Near_LoA	-10,4893171	0,043	0,305
CHR3	10539038	CHR3:10539038	SSF x Near_LoA	-4,91515283	-0,015	0,311
CHR3	10545175	CHR3:10545175	SSF x Near_LoA	-10,6042798	-0,033	0,314
CHR3	10553805	CHR3:10553805	SSF x Near_LoA	-10,9567585	0,091	0,311
CHR3	10553810	CHR3:10553810	SSF x Near_LoA	-11,4067371	0,045	0,302
CHR3	10553835	CHR3:10553835	SSF x Near_LoA	-6,16885568	0,044	0,306
CHR3	10553888	CHR3:10553888	SSF x Near_LoA	-9,47589778	0,010	0,302
CHR3	10554015	CHR3:10554015	SSF x Near_LoA	-10,2647226	0,015	0,307
CHR3	10559809	CHR3:10559809	SSF x Near_LoA	-9,41661397	-0,168	0,292
CHR3	10559991	CHR3:10559991	SSF x Near_LoA	-10,5407137	0,086	0,314
CHR3	10563600	CHR3:10563600	SSF x Near_LoA	-8,10173631	0,007	0,310
CHR3	10564962	CHR3:10564962	SSF x Near_LoA	-10,7904365	0,067	0,307
CHR3	10565064	CHR3:10565064	SSF x Near_LoA	-9,30023128	0,095	0,310
CHR3	10565098	CHR3:10565098	SSF x Near_LoA	-9,3482601	0,003	0,305
CHR3	10586063	CHR3:10586063	SSF x Near_LoA	-9,08295974	-0,043	0,297
CHR3	10586071	CHR3:10586071	SSF x Near_LoA	-10,941081	-0,024	0,312
CHR3	10596793	CHR3:10596793	SSF x Near_LoA	-2,15573897	-0,073	0,318
CHR3	10596865	CHR3:10596865	SSF x Near_LoA	-9,92461449	-0,044	0,318
CHR3	10596923	CHR3:10596923	SSF x Near_LoA	-6,38801187	-0,055	0,314
CHR3	10596968	CHR3:10596968	SSF x Near_LoA	-8,22452462	-0,044	0,311
CHR3	10607944	CHR3:10607944	SSF x Near_LoA	-2,28392767	-0,177	0,295
CHR3	1060832	CHR3:1060832	SSF x Near_LoA	-10,449683	0,042	0,311
CHR3	10612132	CHR3:10612132	SSF x Near_LoA	-2,55550636	0,236	0,295
CHR3	10617304	CHR3:10617304	SSF x Near_LoA	-9,36242272	0,050	0,304
CHR3	10617314	CHR3:10617314	SSF x Near_LoA	-8,16928294	0,136	0,308
CHR3	10617317	CHR3:10617317	SSF x Near_LoA	-3,47343667	0,036	0,308
CHR3	10617330	CHR3:10617330	SSF x Near_LoA	-11,0884842	0,002	0,304
CHR3	10617344	CHR3:10617344	SSF x Near_LoA	-8,83392144	0,041	0,300
CHR3	10617368	CHR3:10617368	SSF x Near_LoA	-8,51719868	-0,035	0,300
CHR3	10623153	CHR3:10623153	SSF x Near_LoA	-9,21426187	0,123	0,303
CHR3	10623160	CHR3:10623160	SSF x Near_LoA	-7,02976749	-0,003	0,300
CHR3	10633226	CHR3:10633226	SSF x Near_LoA	-8,12117019	0,029	0,309
CHR3	10633235	CHR3:10633235	SSF x Near_LoA	-8,46516171	0,002	0,294
CHR3	10633251	CHR3:10633251	SSF x Near_LoA	-11,04779	-0,086	0,295
CHR3	10633264	CHR3:10633264	SSF x Near_LoA	-10,2721904	-0,072	0,295
CHR3	10633289	CHR3:10633289	SSF x Near_LoA	-6,79201049	-0,103	0,301
CHR3	10633290	CHR3:10633290	SSF x Near_LoA	-9,73523	-0,102	0,299
CHR3	10633425	CHR3:10633425	SSF x Near_LoA	-7,4538982	-0,079	0,314
CHR3	10633433	CHR3:10633433	SSF x Near_LoA	-11,1716977	-0,002	0,309
CHR3	10638958	CHR3:10638958	SSF x Near_LoA	-6,75520119	0,132	0,305
CHR3	10639028	CHR3:10639028	SSF x Near_LoA	-7,44098415	0,116	0,284
CHR3	10639196	CHR3:10639196	SSF x Near_LoA	-6,94104447	-0,164	0,297
CHR3	10640201	CHR3:10640201	SSF x Near_LoA	-10,1944314	0,088	0,307
CHR3	1064549	CHR3:1064549	SSF x Near_LoA	-7,40108478	-0,017	0,310
CHR3	1064552	CHR3:1064552	SSF x Near_LoA	-9,00884547	0,018	0,300
CHR3	10660239	CHR3:10660239	SSF x Near_LoA	-7,71701557	0,081	0,304
CHR3	10660240	CHR3:10660240	SSF x Near_LoA	-8,03847926	0,102	0,307
CHR3	10660241	CHR3:10660241	SSF x Near_LoA	-8,35027137	0,088	0,303
CHR3	10660262	CHR3:10660262	SSF x Near_LoA	-7,23364184	0,086	0,293
CHR3	10660331	CHR3:10660331	SSF x Near_LoA	-12,2483781	-0,024	0,301

CHR3	1066934	CHR3:1066934	SSF x Near_LoA	-10,0728968	0,099	0,305
CHR3	1066984	CHR3:1066984	SSF x Near_LoA	-7,5285252	0,138	0,294
CHR3	1067060	CHR3:1067060	SSF x Near_LoA	-10,4731559	0,095	0,305
CHR3	1067074	CHR3:1067074	SSF x Near_LoA	-5,5459671	-0,026	0,292
CHR3	10675403	CHR3:10675403	SSF x Near_LoA	-9,49814563	-0,027	0,312
CHR3	10675417	CHR3:10675417	SSF x Near_LoA	-7,46172865	-0,037	0,326
CHR3	10675529	CHR3:10675529	SSF x Near_LoA	-11,1072106	0,010	0,299
CHR3	10681693	CHR3:10681693	SSF x Near_LoA	-7,35559602	-0,035	0,305
CHR3	10681697	CHR3:10681697	SSF x Near_LoA	-8,52492296	-0,023	0,317
CHR3	10681699	CHR3:10681699	SSF x Near_LoA	-8,30654664	-0,109	0,297
CHR3	10681750	CHR3:10681750	SSF x Near_LoA	-7,74556052	0,020	0,313
CHR3	10691977	CHR3:10691977	SSF x Near_LoA	-9,09775697	0,023	0,305
CHR3	10692008	CHR3:10692008	SSF x Near_LoA	-10,0710619	0,024	0,313
CHR3	10692149	CHR3:10692149	SSF x Near_LoA	-9,32753255	-0,034	0,323
CHR3	10692190	CHR3:10692190	SSF x Near_LoA	-11,0500897	-0,064	0,308
CHR3	1070804	CHR3:1070804	SSF x Near_LoA	-11,4307019	-0,028	0,308
CHR3	1070863	CHR3:1070863	SSF x Near_LoA	-7,57472895	-0,035	0,311
CHR3	1070865	CHR3:1070865	SSF x Near_LoA	-10,6786906	-0,046	0,314
CHR3	1070899	CHR3:1070899	SSF x Near_LoA	-10,4227078	-0,043	0,300
CHR3	1070915	CHR3:1070915	SSF x Near_LoA	-10,7615814	0,070	0,303
CHR3	10709561	CHR3:10709561	SSF x Near_LoA	-9,70436848	-0,073	0,326
CHR3	1070964	CHR3:1070964	SSF x Near_LoA	-10,0364221	-0,076	0,298
CHR3	10718384	CHR3:10718384	SSF x Near_LoA	-10,8866022	0,105	0,312
CHR3	10734916	CHR3:10734916	SSF x Near_LoA	-9,67743245	0,024	0,314
CHR3	10734917	CHR3:10734917	SSF x Near_LoA	-9,70837205	0,037	0,311
CHR3	10734928	CHR3:10734928	SSF x Near_LoA	-7,32415881	-0,070	0,323
CHR3	10734986	CHR3:10734986	SSF x Near_LoA	-8,6946582	-0,081	0,300
CHR3	10735134	CHR3:10735134	SSF x Near_LoA	-9,62096643	-0,009	0,310
CHR3	10743513	CHR3:10743513	SSF x Near_LoA	-3,84514863	-0,200	0,303
CHR3	10743570	CHR3:10743570	SSF x Near_LoA	-11,0149222	-0,007	0,298
CHR3	10743608	CHR3:10743608	SSF x Near_LoA	-6,16488835	0,209	0,309
CHR3	10743684	CHR3:10743684	SSF x Near_LoA	-9,20318113	0,107	0,299
CHR3	10755492	CHR3:10755492	SSF x Near_LoA	-9,74519612	-0,069	0,311
CHR3	10755520	CHR3:10755520	SSF x Near_LoA	-8,4960892	0,177	0,296
CHR3	10755583	CHR3:10755583	SSF x Near_LoA	-8,95304292	0,007	0,294
CHR3	10755611	CHR3:10755611	SSF x Near_LoA	-9,45233272	-0,051	0,295
CHR3	10766045	CHR3:10766045	SSF x Near_LoA	-8,70271862	0,035	0,299
CHR3	10766053	CHR3:10766053	SSF x Near_LoA	-8,50976073	-0,015	0,301
CHR3	10771873	CHR3:10771873	SSF x Near_LoA	-7,58665272	-0,120	0,318
CHR3	10772340	CHR3:10772340	SSF x Near_LoA	-7,0537624	0,112	0,303
CHR3	10772347	CHR3:10772347	SSF x Near_LoA	-8,75190488	-0,068	0,324
CHR3	10777668	CHR3:10777668	SSF x Near_LoA	-6,87642451	-0,035	0,318
CHR3	10777710	CHR3:10777710	SSF x Near_LoA	-10,8098006	-0,023	0,309
CHR3	10777741	CHR3:10777741	SSF x Near_LoA	-4,9919729	0,016	0,294
CHR3	10783256	CHR3:10783256	SSF x Near_LoA	-8,52142158	0,021	0,313
CHR3	10783374	CHR3:10783374	SSF x Near_LoA	-11,4403224	-0,114	0,301
CHR3	10787635	CHR3:10787635	SSF x Near_LoA	-8,8392924	-0,011	0,322
CHR3	10787672	CHR3:10787672	SSF x Near_LoA	-10,7512657	-0,057	0,306
CHR3	10787682	CHR3:10787682	SSF x Near_LoA	-10,0614788	0,123	0,304
CHR3	10790333	CHR3:10790333	SSF x Near_LoA	-9,08249522	-0,051	0,302
CHR3	10793508	CHR3:10793508	SSF x Near_LoA	-8,37714428	-0,073	0,298
CHR3	10793516	CHR3:10793516	SSF x Near_LoA	-8,04512944	-0,050	0,307
CHR3	10793521	CHR3:10793521	SSF x Near_LoA	-2,67657189	-0,069	0,307

CHR3	10793535	CHR3:10793535	SSF x Near_LoA	-7,75307159	-0,076	0,314
CHR3	10793613	CHR3:10793613	SSF x Near_LoA	-6,13512694	0,095	0,302
CHR3	10793692	CHR3:10793692	SSF x Near_LoA	-7,75035641	-0,071	0,320
CHR3	10793723	CHR3:10793723	SSF x Near_LoA	-1,42968705	0,104	0,307
CHR3	10793756	CHR3:10793756	SSF x Near_LoA	-9,89221638	-0,012	0,311
CHR3	10802054	CHR3:10802054	SSF x Near_LoA	-10,4973145	-0,057	0,306
CHR3	10802102	CHR3:10802102	SSF x Near_LoA	-12,040411	0,038	0,299
CHR3	10802142	CHR3:10802142	SSF x Near_LoA	-10,1344888	0,000	0,307
CHR3	10802233	CHR3:10802233	SSF x Near_LoA	-8,35458726	0,040	0,309
CHR3	10802248	CHR3:10802248	SSF x Near_LoA	-6,83986562	0,069	0,326
CHR3	1080735	CHR3:1080735	SSF x Near_LoA	-4,03577146	0,011	0,333
CHR3	1080757	CHR3:1080757	SSF x Near_LoA	-11,0977726	0,070	0,299
CHR3	1080770	CHR3:1080770	SSF x Near_LoA	-9,38765728	-0,011	0,317
CHR3	1080792	CHR3:1080792	SSF x Near_LoA	-10,0177773	0,068	0,315
CHR3	1080869	CHR3:1080869	SSF x Near_LoA	-11,3549486	-0,062	0,314
CHR3	10811342	CHR3:10811342	SSF x Near_LoA	-9,86484314	-0,036	0,309
CHR3	10835751	CHR3:10835751	SSF x Near_LoA	-4,3278	0,020	0,317
CHR3	10835828	CHR3:10835828	SSF x Near_LoA	-9,49055544	-0,030	0,307
CHR3	10835830	CHR3:10835830	SSF x Near_LoA	-8,06118211	-0,082	0,311
CHR3	10835833	CHR3:10835833	SSF x Near_LoA	-3,56345504	-0,061	0,320
CHR3	10835841	CHR3:10835841	SSF x Near_LoA	-10,1687733	-0,036	0,312
CHR3	1085500	CHR3:1085500	SSF x Near_LoA	-11,6682846	0,059	0,298
CHR3	1085601	CHR3:1085601	SSF x Near_LoA	-11,7146088	0,086	0,298
CHR3	1085618	CHR3:1085618	SSF x Near_LoA	-9,4580424	0,015	0,298
CHR3	10872577	CHR3:10872577	SSF x Near_LoA	-10,4895128	-0,057	0,310
CHR3	10888038	CHR3:10888038	SSF x Near_LoA	-8,52702518	0,080	0,306
CHR3	10888075	CHR3:10888075	SSF x Near_LoA	-7,64610767	0,045	0,306
CHR3	1089387	CHR3:1089387	SSF x Near_LoA	-9,67065354	0,058	0,307
CHR3	1089390	CHR3:1089390	SSF x Near_LoA	-8,15845696	-0,105	0,300
CHR3	1089392	CHR3:1089392	SSF x Near_LoA	-11,3644995	0,066	0,311
CHR3	10894037	CHR3:10894037	SSF x Near_LoA	-8,67819137	0,049	0,317
CHR3	10894085	CHR3:10894085	SSF x Near_LoA	-11,83757	0,089	0,293
CHR3	1089410	CHR3:1089410	SSF x Near_LoA	-6,12780947	0,109	0,312
CHR3	1089411	CHR3:1089411	SSF x Near_LoA	-8,44001004	-0,101	0,297
CHR3	10894247	CHR3:10894247	SSF x Near_LoA	-10,6869729	-0,037	0,306
CHR3	10907658	CHR3:10907658	SSF x Near_LoA	-10,4702396	-0,019	0,307
CHR3	10907869	CHR3:10907869	SSF x Near_LoA	-7,81976275	-0,072	0,303
CHR3	10907911	CHR3:10907911	SSF x Near_LoA	-9,92430607	0,000	0,308
CHR3	10907921	CHR3:10907921	SSF x Near_LoA	-9,89807946	-0,050	0,301
CHR3	10907936	CHR3:10907936	SSF x Near_LoA	-12,0863581	0,000	0,314
CHR3	10907937	CHR3:10907937	SSF x Near_LoA	-10,3856307	-0,021	0,313
CHR3	10910241	CHR3:10910241	SSF x Near_LoA	-8,83997975	0,080	0,294
CHR3	10913221	CHR3:10913221	SSF x Near_LoA	-8,69790752	0,095	0,310
CHR3	10913236	CHR3:10913236	SSF x Near_LoA	-7,64352635	-0,110	0,301
CHR3	10913296	CHR3:10913296	SSF x Near_LoA	-10,1442725	-0,059	0,306
CHR3	10917767	CHR3:10917767	SSF x Near_LoA	-8,72647994	-0,050	0,324
CHR3	10927755	CHR3:10927755	SSF x Near_LoA	-10,3547973	-0,033	0,307
CHR3	10934061	CHR3:10934061	SSF x Near_LoA	-12,0467518	0,025	0,298
CHR3	10934076	CHR3:10934076	SSF x Near_LoA	-11,6508587	-0,019	0,306
CHR3	10934085	CHR3:10934085	SSF x Near_LoA	-11,257316	0,009	0,304
CHR3	10934104	CHR3:10934104	SSF x Near_LoA	-9,29281522	0,104	0,314
CHR3	10934149	CHR3:10934149	SSF x Near_LoA	-9,17066157	0,028	0,319
CHR3	10934171	CHR3:10934171	SSF x Near_LoA	-7,09578537	-0,186	0,295

CHR3	10935853	CHR3:10935853	SSF x Near_LoA	-8,34926729	0,172	0,299
CHR3	10935855	CHR3:10935855	SSF x Near_LoA	-8,55852975	-0,058	0,315
CHR3	10935861	CHR3:10935861	SSF x Near_LoA	-8,99929476	-0,082	0,319
CHR3	10935919	CHR3:10935919	SSF x Near_LoA	-6,89354039	0,101	0,311
CHR3	10935934	CHR3:10935934	SSF x Near_LoA	-8,52853041	-0,013	0,322
CHR3	10936008	CHR3:10936008	SSF x Near_LoA	-3,04015499	0,125	0,313
CHR3	10936012	CHR3:10936012	SSF x Near_LoA	-9,11229794	-0,084	0,321
CHR3	10936042	CHR3:10936042	SSF x Near_LoA	-9,12491894	0,070	0,315
CHR3	10950634	CHR3:10950634	SSF x Near_LoA	-9,92544889	-0,029	0,314
CHR3	10961350	CHR3:10961350	SSF x Near_LoA	-3,73826192	0,190	0,302
CHR3	1096322	CHR3:1096322	SSF x Near_LoA	-9,57545177	0,031	0,316
CHR3	10969716	CHR3:10969716	SSF x Near_LoA	-10,1988549	0,101	0,318
CHR3	10969778	CHR3:10969778	SSF x Near_LoA	-9,2298803	0,041	0,309
CHR3	10974476	CHR3:10974476	SSF x Near_LoA	-7,56670197	0,049	0,316
CHR3	10974514	CHR3:10974514	SSF x Near_LoA	-11,035551	-0,027	0,312
CHR3	10990611	CHR3:10990611	SSF x Near_LoA	-9,02685961	-0,008	0,311
CHR3	10990741	CHR3:10990741	SSF x Near_LoA	-11,1674707	0,049	0,308
CHR3	10990766	CHR3:10990766	SSF x Near_LoA	-8,66387593	0,116	0,313
CHR3	10990801	CHR3:10990801	SSF x Near_LoA	-6,44749095	0,028	0,321
CHR3	10990802	CHR3:10990802	SSF x Near_LoA	-10,6221036	-0,002	0,299
CHR3	10995252	CHR3:10995252	SSF x Near_LoA	-9,7508468	0,001	0,313
CHR3	10995302	CHR3:10995302	SSF x Near_LoA	-6,97782176	0,060	0,307
CHR3	11004707	CHR3:11004707	SSF x Near_LoA	-11,1329233	-0,066	0,306
CHR3	11004750	CHR3:11004750	SSF x Near_LoA	-7,36240706	0,005	0,310
CHR3	11006256	CHR3:11006256	SSF x Near_LoA	-9,44484251	0,000	0,299
CHR3	11008798	CHR3:11008798	SSF x Near_LoA	-10,6814697	-0,021	0,301
CHR3	11008863	CHR3:11008863	SSF x Near_LoA	-8,45189029	-0,067	0,317
CHR3	11014885	CHR3:11014885	SSF x Near_LoA	-7,90843306	-0,051	0,332
CHR3	11015202	CHR3:11015202	SSF x Near_LoA	-11,2263828	0,029	0,305
CHR3	11025483	CHR3:11025483	SSF x Near_LoA	-8,65507523	-0,034	0,306
CHR3	11030453	CHR3:11030453	SSF x Near_LoA	-8,45711775	0,077	0,295
CHR3	11030537	CHR3:11030537	SSF x Near_LoA	-9,98053048	-0,012	0,300
CHR3	11115958	CHR3:11115958	SSF x Near_LoA	-7,546093	-0,049	0,315
CHR3	11138624	CHR3:11138624	SSF x Near_LoA	-11,2991843	0,033	0,301
CHR3	11142849	CHR3:11142849	SSF x Near_LoA	-8,96813627	-0,081	0,303
CHR3	11142929	CHR3:11142929	SSF x Near_LoA	-9,1653484	0,190	0,277
CHR3	11151288	CHR3:11151288	SSF x Near_LoA	0,3361183	-0,169	0,302
CHR3	11151297	CHR3:11151297	SSF x Near_LoA	-11,1855289	-0,017	0,306
CHR3	11153309	CHR3:11153309	SSF x Near_LoA	-11,6078357	0,022	0,316
CHR3	11166584	CHR3:11166584	SSF x Near_LoA	-8,81519168	-0,075	0,314
CHR3	11166667	CHR3:11166667	SSF x Near_LoA	-9,19209502	0,021	0,306
CHR3	1116946	CHR3:1116946	SSF x Near_LoA	-11,4092443	-0,022	0,303
CHR3	1116975	CHR3:1116975	SSF x Near_LoA	-9,28230642	0,099	0,294
CHR3	11176075	CHR3:11176075	SSF x Near_LoA	-9,40844405	0,113	0,307
CHR3	11176103	CHR3:11176103	SSF x Near_LoA	-10,719718	0,086	0,317
CHR3	11176108	CHR3:11176108	SSF x Near_LoA	-10,9988425	0,035	0,303
CHR3	11176119	CHR3:11176119	SSF x Near_LoA	-9,86640562	0,057	0,307
CHR3	11176130	CHR3:11176130	SSF x Near_LoA	-9,72603343	-0,091	0,314
CHR3	11176839	CHR3:11176839	SSF x Near_LoA	-6,58549999	0,002	0,326
CHR3	11196127	CHR3:11196127	SSF x Near_LoA	-11,0223505	-0,030	0,308
CHR3	11196337	CHR3:11196337	SSF x Near_LoA	-9,55463671	-0,016	0,320
CHR3	1120889	CHR3:1120889	SSF x Near_LoA	-10,7847288	0,007	0,309
CHR3	11210559	CHR3:11210559	SSF x Near_LoA	-8,95994812	0,134	0,312

CHR3	11210782	CHR3:11210782	SSF x Near_LoA	-6,49432219	0,131	0,304
CHR3	11212173	CHR3:11212173	SSF x Near_LoA	-11,8863757	-0,046	0,307
CHR3	11213730	CHR3:11213730	SSF x Near_LoA	-9,5633627	0,047	0,307
CHR3	11213867	CHR3:11213867	SSF x Near_LoA	-10,0863389	-0,064	0,294
CHR3	11219195	CHR3:11219195	SSF x Near_LoA	-10,5432636	0,050	0,304
CHR3	11219273	CHR3:11219273	SSF x Near_LoA	-7,34203431	0,202	0,291
CHR3	11219291	CHR3:11219291	SSF x Near_LoA	-5,49550625	-0,220	0,305
CHR3	11220837	CHR3:11220837	SSF x Near_LoA	-9,50912849	-0,136	0,298
CHR3	11220929	CHR3:11220929	SSF x Near_LoA	-9,60975031	-0,116	0,288
CHR3	11220983	CHR3:11220983	SSF x Near_LoA	-11,3294903	-0,003	0,309
CHR3	11221035	CHR3:11221035	SSF x Near_LoA	-9,61513612	0,025	0,316
CHR3	11225062	CHR3:11225062	SSF x Near_LoA	-9,808983	-0,021	0,307
CHR3	11228657	CHR3:11228657	SSF x Near_LoA	-11,5736911	0,049	0,309
CHR3	11228785	CHR3:11228785	SSF x Near_LoA	-9,65137848	-0,037	0,295
CHR3	11248529	CHR3:11248529	SSF x Near_LoA	-7,68349339	0,134	0,295
CHR3	11269946	CHR3:11269946	SSF x Near_LoA	-8,65905866	-0,076	0,317
CHR3	11275829	CHR3:11275829	SSF x Near_LoA	-9,29249616	-0,028	0,302
CHR3	11275843	CHR3:11275843	SSF x Near_LoA	-10,460306	-0,033	0,307
CHR3	11275869	CHR3:11275869	SSF x Near_LoA	-6,56107622	-0,029	0,296
CHR3	11275969	CHR3:11275969	SSF x Near_LoA	-8,11604854	-0,031	0,332
CHR3	11275983	CHR3:11275983	SSF x Near_LoA	-5,25099354	0,002	0,317
CHR3	11283834	CHR3:11283834	SSF x Near_LoA	-10,5714629	-0,129	0,308
CHR3	11283838	CHR3:11283838	SSF x Near_LoA	-9,82743971	-0,126	0,299
CHR3	11283842	CHR3:11283842	SSF x Near_LoA	-9,61202169	-0,073	0,298
CHR3	11283862	CHR3:11283862	SSF x Near_LoA	-10,408434	-0,065	0,306
CHR3	11295469	CHR3:11295469	SSF x Near_LoA	-11,4973471	0,003	0,302
CHR3	11309759	CHR3:11309759	SSF x Near_LoA	-9,0144708	0,050	0,315
CHR3	11311449	CHR3:11311449	SSF x Near_LoA	-9,46642951	0,038	0,316
CHR3	11311450	CHR3:11311450	SSF x Near_LoA	-8,31519348	0,050	0,311
CHR3	11311464	CHR3:11311464	SSF x Near_LoA	-9,33406329	-0,009	0,317
CHR3	11311500	CHR3:11311500	SSF x Near_LoA	-9,05440611	-0,012	0,311
CHR3	11311577	CHR3:11311577	SSF x Near_LoA	-8,84187976	-0,018	0,307
CHR3	11319137	CHR3:11319137	SSF x Near_LoA	0,54891489	0,210	0,282
CHR3	11322379	CHR3:11322379	SSF x Near_LoA	-8,46945754	0,081	0,316
CHR3	11322388	CHR3:11322388	SSF x Near_LoA	-3,59865123	0,094	0,317
CHR3	11332597	CHR3:11332597	SSF x Near_LoA	-8,99632203	-0,016	0,300
CHR3	11332692	CHR3:11332692	SSF x Near_LoA	-11,3176701	-0,072	0,304
CHR3	11339680	CHR3:11339680	SSF x Near_LoA	-3,84369716	-0,089	0,316
CHR3	11339683	CHR3:11339683	SSF x Near_LoA	-9,85376196	-0,129	0,296
CHR3	11339763	CHR3:11339763	SSF x Near_LoA	-11,4403805	-0,098	0,303
CHR3	11339921	CHR3:11339921	SSF x Near_LoA	-11,2505406	-0,062	0,310
CHR3	11342767	CHR3:11342767	SSF x Near_LoA	-7,66243158	0,073	0,310
CHR3	11348230	CHR3:11348230	SSF x Near_LoA	-8,95279358	-0,040	0,318
CHR3	11348567	CHR3:11348567	SSF x Near_LoA	-7,18299995	-0,032	0,309
CHR3	11352281	CHR3:11352281	SSF x Near_LoA	-8,61654298	0,010	0,309
CHR3	11369194	CHR3:11369194	SSF x Near_LoA	-6,31886082	-0,183	0,312
CHR3	11369217	CHR3:11369217	SSF x Near_LoA	-8,45286382	0,122	0,291
CHR3	11392065	CHR3:11392065	SSF x Near_LoA	-10,7263618	-0,014	0,311
CHR3	11392131	CHR3:11392131	SSF x Near_LoA	-6,61518303	-0,124	0,308
CHR3	11392132	CHR3:11392132	SSF x Near_LoA	-6,88424623	-0,065	0,309
CHR3	11393629	CHR3:11393629	SSF x Near_LoA	-10,7472907	0,035	0,303
CHR3	11398040	CHR3:11398040	SSF x Near_LoA	3,30438694	0,020	0,328
CHR3	11398076	CHR3:11398076	SSF x Near_LoA	-9,59781477	0,012	0,306

CHR3	11398723	CHR3:11398723	SSF x Near_LoA	-8,78272753	0,090	0,282
CHR3	11398754	CHR3:11398754	SSF x Near_LoA	-11,1044291	-0,083	0,313
CHR3	11398846	CHR3:11398846	SSF x Near_LoA	-9,40966631	-0,046	0,313
CHR3	11412033	CHR3:11412033	SSF x Near_LoA	-4,87040637	-0,074	0,309
CHR3	11412064	CHR3:11412064	SSF x Near_LoA	-5,9650917	-0,142	0,309
CHR3	11412078	CHR3:11412078	SSF x Near_LoA	-10,2019879	0,023	0,312
CHR3	11417690	CHR3:11417690	SSF x Near_LoA	-10,0667577	-0,072	0,308
CHR3	11417717	CHR3:11417717	SSF x Near_LoA	-8,8056138	0,034	0,307
CHR3	11417808	CHR3:11417808	SSF x Near_LoA	-8,86518832	-0,049	0,313
CHR3	11417818	CHR3:11417818	SSF x Near_LoA	-9,63142476	-0,032	0,309
CHR3	11417820	CHR3:11417820	SSF x Near_LoA	-9,31223303	-0,067	0,310
CHR3	11417825	CHR3:11417825	SSF x Near_LoA	-10,9678003	0,023	0,316
CHR3	11417828	CHR3:11417828	SSF x Near_LoA	-9,63592474	-0,031	0,311
CHR3	11417830	CHR3:11417830	SSF x Near_LoA	-10,2617089	-0,049	0,301
CHR3	11417939	CHR3:11417939	SSF x Near_LoA	-8,47641733	0,059	0,296
CHR3	11418004	CHR3:11418004	SSF x Near_LoA	-9,76558909	-0,009	0,297
CHR3	11426838	CHR3:11426838	SSF x Near_LoA	-8,65286022	-0,080	0,312
CHR3	11426864	CHR3:11426864	SSF x Near_LoA	-9,55746375	0,056	0,315
CHR3	11432183	CHR3:11432183	SSF x Near_LoA	-9,4960764	0,079	0,306
CHR3	11432970	CHR3:11432970	SSF x Near_LoA	-10,6303315	-0,049	0,305
CHR3	11432971	CHR3:11432971	SSF x Near_LoA	-11,1017225	-0,053	0,300
CHR3	11440213	CHR3:11440213	SSF x Near_LoA	-9,66928238	-0,024	0,313
CHR3	11440308	CHR3:11440308	SSF x Near_LoA	-11,0405355	0,048	0,307
CHR3	11440320	CHR3:11440320	SSF x Near_LoA	-8,6284884	-0,040	0,321
CHR3	11440337	CHR3:11440337	SSF x Near_LoA	-6,23715913	-0,062	0,301
CHR3	11440361	CHR3:11440361	SSF x Near_LoA	-7,66442247	-0,030	0,316
CHR3	11440377	CHR3:11440377	SSF x Near_LoA	-8,97541749	-0,075	0,300
CHR3	11440383	CHR3:11440383	SSF x Near_LoA	-8,00916582	-0,038	0,314
CHR3	11441385	CHR3:11441385	SSF x Near_LoA	-9,84730459	-0,104	0,313
CHR3	1144825	CHR3:1144825	SSF x Near_LoA	-11,5080677	0,086	0,312
CHR3	11455881	CHR3:11455881	SSF x Near_LoA	-10,607799	0,036	0,321
CHR3	11465030	CHR3:11465030	SSF x Near_LoA	-9,99052785	0,019	0,313
CHR3	114897	CHR3:114897	SSF x Near_LoA	-9,58813203	-0,012	0,312
CHR3	114933	CHR3:114933	SSF x Near_LoA	-8,12144861	0,062	0,308
CHR3	11496631	CHR3:11496631	SSF x Near_LoA	-11,1343915	0,016	0,302
CHR3	11523784	CHR3:11523784	SSF x Near_LoA	-9,00291061	-0,056	0,310
CHR3	11525677	CHR3:11525677	SSF x Near_LoA	-10,9911793	0,065	0,308
CHR3	11530261	CHR3:11530261	SSF x Near_LoA	-9,85554364	0,072	0,316
CHR3	11530270	CHR3:11530270	SSF x Near_LoA	-9,57851439	0,006	0,303
CHR3	11534358	CHR3:11534358	SSF x Near_LoA	-6,82144918	-0,028	0,309
CHR3	1154123	CHR3:1154123	SSF x Near_LoA	-8,58058106	0,052	0,311
CHR3	1154143	CHR3:1154143	SSF x Near_LoA	-11,123828	0,050	0,303
CHR3	11542212	CHR3:11542212	SSF x Near_LoA	-7,77944505	0,178	0,283
CHR3	11542414	CHR3:11542414	SSF x Near_LoA	-7,83259011	-0,057	0,293
CHR3	11544036	CHR3:11544036	SSF x Near_LoA	-11,810882	0,051	0,303
CHR3	11544051	CHR3:11544051	SSF x Near_LoA	-7,83741915	-0,045	0,312
CHR3	11544090	CHR3:11544090	SSF x Near_LoA	-10,2815758	-0,046	0,306
CHR3	11544117	CHR3:11544117	SSF x Near_LoA	-6,92724355	-0,204	0,304
CHR3	11544183	CHR3:11544183	SSF x Near_LoA	-11,7155604	-0,022	0,312
CHR3	11544209	CHR3:11544209	SSF x Near_LoA	-8,02425514	-0,130	0,312
CHR3	11546199	CHR3:11546199	SSF x Near_LoA	-7,44256988	0,231	0,284
CHR3	11546281	CHR3:11546281	SSF x Near_LoA	-8,67742366	0,023	0,310
CHR3	11546311	CHR3:11546311	SSF x Near_LoA	-8,54157537	0,168	0,281

CHR3	11546329	CHR3:11546329	SSF x Near_LoA	-7,68852155	-0,136	0,313
CHR3	11549831	CHR3:11549831	SSF x Near_LoA	-8,07694355	0,028	0,299
CHR3	11553897	CHR3:11553897	SSF x Near_LoA	-11,1228849	-0,084	0,315
CHR3	11553900	CHR3:11553900	SSF x Near_LoA	-9,33893914	-0,002	0,301
CHR3	11554519	CHR3:11554519	SSF x Near_LoA	-9,21032827	-0,030	0,315
CHR3	11555221	CHR3:11555221	SSF x Near_LoA	-9,612412	-0,043	0,301
CHR3	11555258	CHR3:11555258	SSF x Near_LoA	-7,90926643	0,001	0,305
CHR3	11555272	CHR3:11555272	SSF x Near_LoA	-9,27899393	0,001	0,299
CHR3	11562699	CHR3:11562699	SSF x Near_LoA	-7,83730382	0,126	0,306
CHR3	11562745	CHR3:11562745	SSF x Near_LoA	-7,73491276	-0,040	0,317
CHR3	11562798	CHR3:11562798	SSF x Near_LoA	-9,50661798	-0,055	0,301
CHR3	11562812	CHR3:11562812	SSF x Near_LoA	-11,2312697	-0,071	0,307
CHR3	11562814	CHR3:11562814	SSF x Near_LoA	-10,783673	-0,039	0,313
CHR3	11571225	CHR3:11571225	SSF x Near_LoA	-8,02186986	0,123	0,297
CHR3	11571358	CHR3:11571358	SSF x Near_LoA	-10,2143534	0,016	0,302
CHR3	11571400	CHR3:11571400	SSF x Near_LoA	-10,7488183	0,006	0,310
CHR3	11583284	CHR3:11583284	SSF x Near_LoA	-6,17742747	-0,140	0,293
CHR3	11583325	CHR3:11583325	SSF x Near_LoA	-11,6268046	0,011	0,310
CHR3	11583338	CHR3:11583338	SSF x Near_LoA	-8,95900883	-0,016	0,309
CHR3	11583355	CHR3:11583355	SSF x Near_LoA	-11,7920918	-0,015	0,319
CHR3	11583366	CHR3:11583366	SSF x Near_LoA	-9,60374246	0,139	0,304
CHR3	11583393	CHR3:11583393	SSF x Near_LoA	-10,0971607	-0,023	0,302
CHR3	11583401	CHR3:11583401	SSF x Near_LoA	-8,36911264	0,129	0,315
CHR3	11583444	CHR3:11583444	SSF x Near_LoA	-5,77766628	0,112	0,298
CHR3	11583445	CHR3:11583445	SSF x Near_LoA	-9,23528618	0,135	0,298
CHR3	11583451	CHR3:11583451	SSF x Near_LoA	-9,63473737	0,025	0,320
CHR3	11584257	CHR3:11584257	SSF x Near_LoA	-9,58818476	0,003	0,314
CHR3	11584262	CHR3:11584262	SSF x Near_LoA	-9,0032056	-0,036	0,300
CHR3	11589808	CHR3:11589808	SSF x Near_LoA	-9,38807403	0,003	0,314
CHR3	11589836	CHR3:11589836	SSF x Near_LoA	-8,9458214	0,034	0,313
CHR3	11589903	CHR3:11589903	SSF x Near_LoA	-10,4398851	-0,079	0,312
CHR3	11593492	CHR3:11593492	SSF x Near_LoA	-7,90450941	0,065	0,311
CHR3	11593497	CHR3:11593497	SSF x Near_LoA	-10,9825265	0,057	0,320
CHR3	11593567	CHR3:11593567	SSF x Near_LoA	-7,38401934	0,161	0,304
CHR3	11596586	CHR3:11596586	SSF x Near_LoA	-7,83575481	-0,152	0,298
CHR3	11599341	CHR3:11599341	SSF x Near_LoA	-10,4510562	-0,002	0,308
CHR3	11599425	CHR3:11599425	SSF x Near_LoA	-10,9190097	-0,034	0,318
CHR3	11599468	CHR3:11599468	SSF x Near_LoA	-8,22359723	-0,040	0,317
CHR3	11607880	CHR3:11607880	SSF x Near_LoA	-8,22973324	0,051	0,318
CHR3	11608092	CHR3:11608092	SSF x Near_LoA	-9,38410906	-0,059	0,309
CHR3	11608147	CHR3:11608147	SSF x Near_LoA	-1,44537131	-0,159	0,302
CHR3	11608148	CHR3:11608148	SSF x Near_LoA	-6,80913918	-0,158	0,310
CHR3	11618917	CHR3:11618917	SSF x Near_LoA	-9,28201668	-0,072	0,303
CHR3	11619103	CHR3:11619103	SSF x Near_LoA	-8,4707355	0,075	0,301
CHR3	11631174	CHR3:11631174	SSF x Near_LoA	-8,52086644	-0,039	0,315
CHR3	11631178	CHR3:11631178	SSF x Near_LoA	-7,27251739	0,176	0,303
CHR3	11631181	CHR3:11631181	SSF x Near_LoA	-11,2770901	-0,007	0,313
CHR3	11631195	CHR3:11631195	SSF x Near_LoA	-10,9086396	0,045	0,296
CHR3	11631203	CHR3:11631203	SSF x Near_LoA	-9,22179227	0,056	0,293
CHR3	11631207	CHR3:11631207	SSF x Near_LoA	-8,89343316	0,110	0,292
CHR3	11641458	CHR3:11641458	SSF x Near_LoA	-7,54382318	0,065	0,303
CHR3	11641733	CHR3:11641733	SSF x Near_LoA	-8,75235096	0,037	0,307
CHR3	11641750	CHR3:11641750	SSF x Near_LoA	-4,66027241	-0,074	0,317

CHR3	11655550	CHR3:11655550	SSF x Near_LoA	-7,60961552	-0,044	0,311
CHR3	11655658	CHR3:11655658	SSF x Near_LoA	-7,15546115	0,015	0,328
CHR3	11655735	CHR3:11655735	SSF x Near_LoA	-8,04654587	0,002	0,311
CHR3	11655736	CHR3:11655736	SSF x Near_LoA	-10,1354174	0,031	0,302
CHR3	11659121	CHR3:11659121	SSF x Near_LoA	-9,28660878	0,008	0,298
CHR3	11659238	CHR3:11659238	SSF x Near_LoA	-8,24757704	-0,044	0,311
CHR3	11661734	CHR3:11661734	SSF x Near_LoA	-8,71291061	0,015	0,308
CHR3	11661748	CHR3:11661748	SSF x Near_LoA	-10,0305208	0,058	0,294
CHR3	11661772	CHR3:11661772	SSF x Near_LoA	-9,48315879	0,175	0,281
CHR3	11661773	CHR3:11661773	SSF x Near_LoA	-8,44724988	0,158	0,290
CHR3	11661842	CHR3:11661842	SSF x Near_LoA	-10,3096112	0,074	0,299
CHR3	11661846	CHR3:11661846	SSF x Near_LoA	-5,91996857	0,036	0,320
CHR3	11664604	CHR3:11664604	SSF x Near_LoA	-10,5429591	0,016	0,305
CHR3	11664617	CHR3:11664617	SSF x Near_LoA	-8,44511801	0,042	0,307
CHR3	11664624	CHR3:11664624	SSF x Near_LoA	-7,84263157	0,042	0,308
CHR3	11664625	CHR3:11664625	SSF x Near_LoA	-6,87198787	0,093	0,300
CHR3	11664722	CHR3:11664722	SSF x Near_LoA	-10,6360484	0,043	0,307
CHR3	11664730	CHR3:11664730	SSF x Near_LoA	-8,9333421	0,106	0,290
CHR3	11664744	CHR3:11664744	SSF x Near_LoA	-10,2141913	-0,007	0,306
CHR3	11664758	CHR3:11664758	SSF x Near_LoA	-10,9250603	0,005	0,316
CHR3	11664778	CHR3:11664778	SSF x Near_LoA	-10,2161151	-0,044	0,314
CHR3	11664878	CHR3:11664878	SSF x Near_LoA	-10,3202344	-0,007	0,309
CHR3	11668139	CHR3:11668139	SSF x Near_LoA	-8,02314824	0,130	0,308
CHR3	11668153	CHR3:11668153	SSF x Near_LoA	-9,4023473	-0,030	0,319
CHR3	11668263	CHR3:11668263	SSF x Near_LoA	-8,08936543	-0,022	0,298
CHR3	11672009	CHR3:11672009	SSF x Near_LoA	-10,1218154	0,096	0,300
CHR3	11676230	CHR3:11676230	SSF x Near_LoA	-7,01885176	0,110	0,302
CHR3	11676399	CHR3:11676399	SSF x Near_LoA	-10,295847	0,019	0,308
CHR3	11679966	CHR3:11679966	SSF x Near_LoA	-11,6307035	0,050	0,309
CHR3	11679972	CHR3:11679972	SSF x Near_LoA	-9,12647905	0,063	0,310
CHR3	11680027	CHR3:11680027	SSF x Near_LoA	-4,94023969	-0,192	0,297
CHR3	11680078	CHR3:11680078	SSF x Near_LoA	-9,03114681	0,054	0,306
CHR3	11680124	CHR3:11680124	SSF x Near_LoA	-11,408555	-0,026	0,297
CHR3	11680129	CHR3:11680129	SSF x Near_LoA	-10,9660591	-0,062	0,309
CHR3	11682179	CHR3:11682179	SSF x Near_LoA	-8,57912654	-0,108	0,300
CHR3	11692648	CHR3:11692648	SSF x Near_LoA	-7,75128265	0,021	0,318
CHR3	11692768	CHR3:11692768	SSF x Near_LoA	-7,3253527	-0,039	0,312
CHR3	11693813	CHR3:11693813	SSF x Near_LoA	-10,4773917	-0,004	0,304
CHR3	11693836	CHR3:11693836	SSF x Near_LoA	-10,4982985	0,052	0,310
CHR3	11693846	CHR3:11693846	SSF x Near_LoA	-0,95488483	0,080	0,301
CHR3	11693884	CHR3:11693884	SSF x Near_LoA	-7,31412555	-0,123	0,303
CHR3	11699079	CHR3:11699079	SSF x Near_LoA	-7,94431519	0,050	0,317
CHR3	11699275	CHR3:11699275	SSF x Near_LoA	-11,079264	0,111	0,307
CHR3	11699375	CHR3:11699375	SSF x Near_LoA	-5,77000603	0,066	0,298
CHR3	11699434	CHR3:11699434	SSF x Near_LoA	-9,37533591	-0,143	0,306
CHR3	11707079	CHR3:11707079	SSF x Near_LoA	-10,3361874	0,055	0,305
CHR3	11707918	CHR3:11707918	SSF x Near_LoA	-8,20269103	-0,092	0,318
CHR3	11708037	CHR3:11708037	SSF x Near_LoA	-9,24572076	-0,160	0,289
CHR3	11708243	CHR3:11708243	SSF x Near_LoA	-6,32411185	0,016	0,301
CHR3	11722672	CHR3:11722672	SSF x Near_LoA	-12,3445531	-0,025	0,298
CHR3	11734892	CHR3:11734892	SSF x Near_LoA	-11,6447335	0,000	0,302
CHR3	11734963	CHR3:11734963	SSF x Near_LoA	-8,39922889	0,046	0,305
CHR3	11734973	CHR3:11734973	SSF x Near_LoA	-11,351949	0,008	0,313

CHR3	11734974	CHR3:11734974	SSF x Near_LoA	-11,3396258	-0,020	0,299
CHR3	11735053	CHR3:11735053	SSF x Near_LoA	-10,2058661	-0,065	0,305
CHR3	11735059	CHR3:11735059	SSF x Near_LoA	-7,1573856	0,003	0,310
CHR3	11738064	CHR3:11738064	SSF x Near_LoA	-8,82341259	0,105	0,305
CHR3	11738136	CHR3:11738136	SSF x Near_LoA	-8,49840218	-0,058	0,320
CHR3	11752326	CHR3:11752326	SSF x Near_LoA	-7,95280201	-0,037	0,311
CHR3	11752328	CHR3:11752328	SSF x Near_LoA	-9,67067982	-0,039	0,300
CHR3	11752329	CHR3:11752329	SSF x Near_LoA	-10,5738708	-0,025	0,296
CHR3	11752416	CHR3:11752416	SSF x Near_LoA	-8,7762348	-0,082	0,301
CHR3	11752436	CHR3:11752436	SSF x Near_LoA	-11,5417564	0,048	0,311
CHR3	11765482	CHR3:11765482	SSF x Near_LoA	-10,3964089	0,095	0,295
CHR3	11770243	CHR3:11770243	SSF x Near_LoA	-9,21782624	0,123	0,302
CHR3	11770257	CHR3:11770257	SSF x Near_LoA	-9,19167034	0,045	0,314
CHR3	11779936	CHR3:11779936	SSF x Near_LoA	-5,463987	0,079	0,305
CHR3	11780109	CHR3:11780109	SSF x Near_LoA	-7,28594459	-0,067	0,324
CHR3	11786247	CHR3:11786247	SSF x Near_LoA	-8,52627864	0,079	0,306
CHR3	11786250	CHR3:11786250	SSF x Near_LoA	-8,8950653	0,055	0,320
CHR3	11786413	CHR3:11786413	SSF x Near_LoA	-9,62278041	-0,018	0,320
CHR3	11788346	CHR3:11788346	SSF x Near_LoA	-9,37140027	0,035	0,298
CHR3	11788362	CHR3:11788362	SSF x Near_LoA	-6,07970892	0,043	0,312
CHR3	11788418	CHR3:11788418	SSF x Near_LoA	-7,60345571	0,068	0,321
CHR3	11790404	CHR3:11790404	SSF x Near_LoA	-7,83494502	0,141	0,300
CHR3	11792098	CHR3:11792098	SSF x Near_LoA	-8,80010162	-0,058	0,308
CHR3	11792211	CHR3:11792211	SSF x Near_LoA	-11,4018815	0,002	0,309
CHR3	11796419	CHR3:11796419	SSF x Near_LoA	-5,97045779	0,009	0,321
CHR3	11800739	CHR3:11800739	SSF x Near_LoA	-9,62808644	0,068	0,310
CHR3	11812192	CHR3:11812192	SSF x Near_LoA	-7,54905557	-0,025	0,318
CHR3	11812236	CHR3:11812236	SSF x Near_LoA	-9,41127178	-0,029	0,302
CHR3	11812251	CHR3:11812251	SSF x Near_LoA	-12,0734967	0,048	0,298
CHR3	11812279	CHR3:11812279	SSF x Near_LoA	-9,73173945	0,018	0,306
CHR3	11822735	CHR3:11822735	SSF x Near_LoA	-9,15275021	-0,098	0,306
CHR3	11822944	CHR3:11822944	SSF x Near_LoA	-9,32398613	0,101	0,293
CHR3	11822954	CHR3:11822954	SSF x Near_LoA	-7,24614553	-0,033	0,311
CHR3	11822971	CHR3:11822971	SSF x Near_LoA	-7,44233816	0,066	0,318
CHR3	11823004	CHR3:11823004	SSF x Near_LoA	-9,13648308	0,052	0,289
CHR3	11826936	CHR3:11826936	SSF x Near_LoA	-7,22093871	-0,091	0,308
CHR3	11826938	CHR3:11826938	SSF x Near_LoA	-8,45864542	0,077	0,304
CHR3	11826956	CHR3:11826956	SSF x Near_LoA	-5,21239996	0,070	0,301
CHR3	11827990	CHR3:11827990	SSF x Near_LoA	-8,18371653	0,052	0,303
CHR3	11828022	CHR3:11828022	SSF x Near_LoA	-10,3219219	0,017	0,300
CHR3	11828023	CHR3:11828023	SSF x Near_LoA	-10,8385119	0,011	0,306
CHR3	11828024	CHR3:11828024	SSF x Near_LoA	-10,8406383	0,034	0,314
CHR3	11832594	CHR3:11832594	SSF x Near_LoA	-9,57982313	0,027	0,312
CHR3	11832607	CHR3:11832607	SSF x Near_LoA	-8,13932327	-0,102	0,308
CHR3	11832776	CHR3:11832776	SSF x Near_LoA	-9,9468244	0,013	0,295
CHR3	11832827	CHR3:11832827	SSF x Near_LoA	-8,62380304	0,055	0,295
CHR3	11832838	CHR3:11832838	SSF x Near_LoA	-10,9375663	0,037	0,308
CHR3	11832848	CHR3:11832848	SSF x Near_LoA	-8,79373962	-0,005	0,313
CHR3	118465	CHR3:118465	SSF x Near_LoA	-10,1354803	-0,124	0,315
CHR3	11847622	CHR3:11847622	SSF x Near_LoA	-8,8728722	-0,084	0,299
CHR3	11847632	CHR3:11847632	SSF x Near_LoA	-7,80397933	-0,086	0,309
CHR3	11850801	CHR3:11850801	SSF x Near_LoA	-9,5475951	-0,012	0,302
CHR3	11850813	CHR3:11850813	SSF x Near_LoA	-7,48654676	-0,068	0,301

CHR3	11850864	CHR3:11850864	SSF x Near_LoA	-6,96736319	-0,038	0,323
CHR3	11850951	CHR3:11850951	SSF x Near_LoA	-8,82492331	-0,046	0,300
CHR3	11851041	CHR3:11851041	SSF x Near_LoA	-12,0160791	-0,021	0,299
CHR3	11851108	CHR3:11851108	SSF x Near_LoA	-8,26634602	0,084	0,315
CHR3	11859714	CHR3:11859714	SSF x Near_LoA	-10,2443028	-0,151	0,299
CHR3	11859862	CHR3:11859862	SSF x Near_LoA	-7,54349543	-0,108	0,298
CHR3	11869612	CHR3:11869612	SSF x Near_LoA	-9,64439601	0,014	0,315
CHR3	11869721	CHR3:11869721	SSF x Near_LoA	-9,71017799	-0,043	0,313
CHR3	11869727	CHR3:11869727	SSF x Near_LoA	-10,2546662	-0,043	0,303
CHR3	11869859	CHR3:11869859	SSF x Near_LoA	-9,99772014	0,052	0,292
CHR3	11869864	CHR3:11869864	SSF x Near_LoA	-9,15509743	0,059	0,302
CHR3	11872014	CHR3:11872014	SSF x Near_LoA	-11,7626111	0,130	0,302
CHR3	11878110	CHR3:11878110	SSF x Near_LoA	-5,7188	0,016	0,304
CHR3	11878232	CHR3:11878232	SSF x Near_LoA	-10,3366937	-0,062	0,293
CHR3	11884983	CHR3:11884983	SSF x Near_LoA	-11,3823913	0,138	0,305
CHR3	11884993	CHR3:11884993	SSF x Near_LoA	-11,2719545	0,098	0,300
CHR3	11885037	CHR3:11885037	SSF x Near_LoA	-7,86324156	0,101	0,312
CHR3	11885122	CHR3:11885122	SSF x Near_LoA	-8,5913586	0,014	0,315
CHR3	11885180	CHR3:11885180	SSF x Near_LoA	-7,31312817	-0,132	0,316
CHR3	11892673	CHR3:11892673	SSF x Near_LoA	-5,83889546	-0,085	0,310
CHR3	11892674	CHR3:11892674	SSF x Near_LoA	-11,0561553	0,044	0,300
CHR3	11892782	CHR3:11892782	SSF x Near_LoA	-9,6254043	-0,034	0,318
CHR3	11898952	CHR3:11898952	SSF x Near_LoA	-9,20373238	-0,131	0,308
CHR3	11899040	CHR3:11899040	SSF x Near_LoA	-11,677448	0,085	0,302
CHR3	11899085	CHR3:11899085	SSF x Near_LoA	-11,4117706	0,077	0,311
CHR3	11904354	CHR3:11904354	SSF x Near_LoA	-8,20835772	0,127	0,298
CHR3	11906691	CHR3:11906691	SSF x Near_LoA	-10,3368561	0,029	0,302
CHR3	11907966	CHR3:11907966	SSF x Near_LoA	-7,86146989	0,026	0,311
CHR3	11908083	CHR3:11908083	SSF x Near_LoA	-4,39073696	0,028	0,313
CHR3	11908138	CHR3:11908138	SSF x Near_LoA	-8,47173791	-0,035	0,308
CHR3	11910644	CHR3:11910644	SSF x Near_LoA	-11,7295266	0,019	0,307
CHR3	11911011	CHR3:11911011	SSF x Near_LoA	-10,8169262	-0,032	0,308
CHR3	11913863	CHR3:11913863	SSF x Near_LoA	-10,9763393	-0,045	0,303
CHR3	11916541	CHR3:11916541	SSF x Near_LoA	-7,20549737	-0,046	0,306
CHR3	11916712	CHR3:11916712	SSF x Near_LoA	-9,46825121	-0,051	0,298
CHR3	11916728	CHR3:11916728	SSF x Near_LoA	-10,2279374	-0,042	0,288
CHR3	11918964	CHR3:11918964	SSF x Near_LoA	-11,1383421	0,037	0,308
CHR3	11918977	CHR3:11918977	SSF x Near_LoA	-7,26199289	-0,084	0,296
CHR3	11919003	CHR3:11919003	SSF x Near_LoA	-7,17683895	-0,026	0,318
CHR3	11919179	CHR3:11919179	SSF x Near_LoA	-10,3273305	0,113	0,295
CHR3	11919247	CHR3:11919247	SSF x Near_LoA	-5,75423101	-0,048	0,305
CHR3	11927449	CHR3:11927449	SSF x Near_LoA	-9,6446315	0,052	0,318
CHR3	11927467	CHR3:11927467	SSF x Near_LoA	-9,25666413	-0,025	0,312
CHR3	11927505	CHR3:11927505	SSF x Near_LoA	-8,35067852	0,036	0,303
CHR3	11930860	CHR3:11930860	SSF x Near_LoA	-0,23966686	0,173	0,297
CHR3	11931458	CHR3:11931458	SSF x Near_LoA	-6,23736591	0,063	0,316
CHR3	11931463	CHR3:11931463	SSF x Near_LoA	-7,26086408	0,038	0,309
CHR3	11939747	CHR3:11939747	SSF x Near_LoA	-10,8569054	-0,030	0,289
CHR3	11939931	CHR3:11939931	SSF x Near_LoA	-9,04766396	0,011	0,310
CHR3	11939940	CHR3:11939940	SSF x Near_LoA	-8,26428509	0,015	0,305
CHR3	11939991	CHR3:11939991	SSF x Near_LoA	-10,2949566	-0,051	0,306
CHR3	11940006	CHR3:11940006	SSF x Near_LoA	-9,4082542	-0,003	0,316
CHR3	11953601	CHR3:11953601	SSF x Near_LoA	-8,26172606	-0,128	0,301

CHR3	11953674	CHR3:11953674	SSF x Near_LoA	-8,83753409	-0,008	0,287
CHR3	11954044	CHR3:11954044	SSF x Near_LoA	-10,0557001	0,025	0,304
CHR3	11954062	CHR3:11954062	SSF x Near_LoA	-10,9421829	0,034	0,289
CHR3	11954092	CHR3:11954092	SSF x Near_LoA	-5,74204196	0,146	0,310
CHR3	11954151	CHR3:11954151	SSF x Near_LoA	-7,22781856	0,142	0,293
CHR3	11954168	CHR3:11954168	SSF x Near_LoA	-9,35973532	0,119	0,297
CHR3	11954191	CHR3:11954191	SSF x Near_LoA	-8,13250879	0,002	0,322
CHR3	11960371	CHR3:11960371	SSF x Near_LoA	-7,98942626	0,075	0,305
CHR3	11960423	CHR3:11960423	SSF x Near_LoA	-7,57039195	-0,081	0,318
CHR3	11960431	CHR3:11960431	SSF x Near_LoA	-5,71245211	0,046	0,301
CHR3	11960502	CHR3:11960502	SSF x Near_LoA	-7,71369131	0,023	0,310
CHR3	11960507	CHR3:11960507	SSF x Near_LoA	-8,89714486	0,067	0,309
CHR3	11962726	CHR3:11962726	SSF x Near_LoA	-8,92395644	0,006	0,335
CHR3	11962766	CHR3:11962766	SSF x Near_LoA	-10,1103771	0,041	0,312
CHR3	11962769	CHR3:11962769	SSF x Near_LoA	-6,93270036	-0,126	0,305
CHR3	11962801	CHR3:11962801	SSF x Near_LoA	-9,74919959	0,158	0,299
CHR3	11962825	CHR3:11962825	SSF x Near_LoA	-10,6210607	-0,100	0,312
CHR3	11962867	CHR3:11962867	SSF x Near_LoA	-8,60464643	0,060	0,309
CHR3	11962876	CHR3:11962876	SSF x Near_LoA	-9,79133053	-0,066	0,310
CHR3	11962887	CHR3:11962887	SSF x Near_LoA	-8,70083437	-0,095	0,304
CHR3	11974736	CHR3:11974736	SSF x Near_LoA	-7,43435158	0,037	0,316
CHR3	11974850	CHR3:11974850	SSF x Near_LoA	-8,83265059	0,057	0,310
CHR3	11982144	CHR3:11982144	SSF x Near_LoA	-6,72689375	0,046	0,299
CHR3	11982360	CHR3:11982360	SSF x Near_LoA	-10,8748299	-0,043	0,308
CHR3	11982370	CHR3:11982370	SSF x Near_LoA	-10,7282608	-0,082	0,297
CHR3	11987677	CHR3:11987677	SSF x Near_LoA	-10,5869726	0,050	0,310
CHR3	11987704	CHR3:11987704	SSF x Near_LoA	-10,6455356	0,002	0,304
CHR3	11987737	CHR3:11987737	SSF x Near_LoA	-8,50839494	0,062	0,308
CHR3	11987738	CHR3:11987738	SSF x Near_LoA	-8,98766995	0,075	0,299
CHR3	11988663	CHR3:11988663	SSF x Near_LoA	-8,19656594	-0,090	0,310
CHR3	11988677	CHR3:11988677	SSF x Near_LoA	-10,8830104	0,050	0,311
CHR3	11988697	CHR3:11988697	SSF x Near_LoA	-7,74349743	-0,025	0,319
CHR3	11988710	CHR3:11988710	SSF x Near_LoA	-8,57343454	-0,001	0,313
CHR3	11993804	CHR3:11993804	SSF x Near_LoA	-9,43425321	-0,091	0,305
CHR3	11993849	CHR3:11993849	SSF x Near_LoA	-8,32056996	0,017	0,330
CHR3	12004046	CHR3:12004046	SSF x Near_LoA	-9,05124035	-0,077	0,310
CHR3	12004098	CHR3:12004098	SSF x Near_LoA	-9,29763146	0,003	0,283
CHR3	12004142	CHR3:12004142	SSF x Near_LoA	-9,82239542	0,000	0,289
CHR3	12010254	CHR3:12010254	SSF x Near_LoA	-7,04254089	-0,077	0,311
CHR3	12012380	CHR3:12012380	SSF x Near_LoA	-10,3806865	-0,025	0,290
CHR3	12019461	CHR3:12019461	SSF x Near_LoA	-11,2600575	0,044	0,319
CHR3	12019595	CHR3:12019595	SSF x Near_LoA	-9,89035608	0,071	0,310
CHR3	12019598	CHR3:12019598	SSF x Near_LoA	-9,57630194	-0,061	0,313
CHR3	12019605	CHR3:12019605	SSF x Near_LoA	-10,6127976	-0,031	0,299
CHR3	12019614	CHR3:12019614	SSF x Near_LoA	-10,2085905	0,090	0,304
CHR3	12019619	CHR3:12019619	SSF x Near_LoA	-10,9192114	0,115	0,303
CHR3	12019622	CHR3:12019622	SSF x Near_LoA	-9,15670339	-0,087	0,320
CHR3	12019643	CHR3:12019643	SSF x Near_LoA	-8,39344236	0,090	0,317
CHR3	12029906	CHR3:12029906	SSF x Near_LoA	-5,83280689	-0,148	0,310
CHR3	12033266	CHR3:12033266	SSF x Near_LoA	-11,6711276	-0,062	0,297
CHR3	12033321	CHR3:12033321	SSF x Near_LoA	-6,68495345	-0,075	0,292
CHR3	12033442	CHR3:12033442	SSF x Near_LoA	-5,64620407	-0,145	0,304
CHR3	12033483	CHR3:12033483	SSF x Near_LoA	-9,73300814	-0,051	0,306

CHR3	12041689	CHR3:12041689	SSF x Near_LoA	-11,7825574	0,027	0,304
CHR3	12046072	CHR3:12046072	SSF x Near_LoA	-9,96321213	0,043	0,292
CHR3	12046177	CHR3:12046177	SSF x Near_LoA	-9,52629371	0,121	0,296
CHR3	12062005	CHR3:12062005	SSF x Near_LoA	-11,785666	-0,010	0,317
CHR3	12065673	CHR3:12065673	SSF x Near_LoA	-7,26228558	0,023	0,306
CHR3	12066885	CHR3:12066885	SSF x Near_LoA	-7,38083561	-0,026	0,315
CHR3	12066920	CHR3:12066920	SSF x Near_LoA	-10,149866	-0,043	0,309
CHR3	12068681	CHR3:12068681	SSF x Near_LoA	-11,3986276	0,014	0,313
CHR3	12068831	CHR3:12068831	SSF x Near_LoA	-3,15190908	-0,005	0,314
CHR3	12068927	CHR3:12068927	SSF x Near_LoA	-9,43710191	-0,027	0,314
CHR3	12072761	CHR3:12072761	SSF x Near_LoA	-7,25729457	-0,070	0,305
CHR3	12072771	CHR3:12072771	SSF x Near_LoA	-9,86259723	0,042	0,308
CHR3	12072801	CHR3:12072801	SSF x Near_LoA	-4,3489554	-0,056	0,311
CHR3	12072824	CHR3:12072824	SSF x Near_LoA	-7,81156261	-0,130	0,295
CHR3	12074027	CHR3:12074027	SSF x Near_LoA	-10,2670882	0,041	0,314
CHR3	12086061	CHR3:12086061	SSF x Near_LoA	-6,9328809	-0,110	0,298
CHR3	12086069	CHR3:12086069	SSF x Near_LoA	-7,85015604	0,120	0,310
CHR3	12086082	CHR3:12086082	SSF x Near_LoA	-5,87150726	-0,126	0,316
CHR3	12086097	CHR3:12086097	SSF x Near_LoA	-7,17244956	0,147	0,307
CHR3	12086098	CHR3:12086098	SSF x Near_LoA	-8,00258673	0,126	0,305
CHR3	12086100	CHR3:12086100	SSF x Near_LoA	-8,12018518	0,145	0,303
CHR3	12086104	CHR3:12086104	SSF x Near_LoA	-11,5683231	0,113	0,299
CHR3	12086328	CHR3:12086328	SSF x Near_LoA	-8,21396386	-0,072	0,307
CHR3	12086372	CHR3:12086372	SSF x Near_LoA	-8,06057278	-0,068	0,309
CHR3	1209103	CHR3:1209103	SSF x Near_LoA	-9,56123375	0,053	0,300
CHR3	1209111	CHR3:1209111	SSF x Near_LoA	-9,32828952	0,008	0,307
CHR3	1209112	CHR3:1209112	SSF x Near_LoA	-9,30985217	0,009	0,314
CHR3	1209164	CHR3:1209164	SSF x Near_LoA	-9,36877948	0,086	0,313
CHR3	12095212	CHR3:12095212	SSF x Near_LoA	-7,71965348	0,020	0,316
CHR3	12095303	CHR3:12095303	SSF x Near_LoA	-8,20996968	-0,044	0,313
CHR3	12095323	CHR3:12095323	SSF x Near_LoA	-8,27333011	0,012	0,322
CHR3	12095336	CHR3:12095336	SSF x Near_LoA	-11,8578035	-0,008	0,312
CHR3	12095351	CHR3:12095351	SSF x Near_LoA	-9,42021054	-0,005	0,304
CHR3	12095379	CHR3:12095379	SSF x Near_LoA	-11,2730642	-0,026	0,314
CHR3	12095391	CHR3:12095391	SSF x Near_LoA	-9,16264871	-0,069	0,323
CHR3	12099618	CHR3:12099618	SSF x Near_LoA	-8,0105741	0,056	0,310
CHR3	12100804	CHR3:12100804	SSF x Near_LoA	-10,8375206	0,024	0,305
CHR3	12100819	CHR3:12100819	SSF x Near_LoA	-11,702298	0,059	0,303
CHR3	12100842	CHR3:12100842	SSF x Near_LoA	-6,74594351	-0,118	0,294
CHR3	12100863	CHR3:12100863	SSF x Near_LoA	-10,9464205	0,045	0,318
CHR3	12100909	CHR3:12100909	SSF x Near_LoA	-8,77070626	-0,094	0,314
CHR3	12100918	CHR3:12100918	SSF x Near_LoA	-8,8306979	-0,132	0,304
CHR3	12100938	CHR3:12100938	SSF x Near_LoA	-7,51835307	0,136	0,314
CHR3	12103797	CHR3:12103797	SSF x Near_LoA	-8,32327209	0,012	0,307
CHR3	12103811	CHR3:12103811	SSF x Near_LoA	-9,70363107	0,138	0,285
CHR3	12103891	CHR3:12103891	SSF x Near_LoA	-7,53298254	0,105	0,313
CHR3	12103896	CHR3:12103896	SSF x Near_LoA	-9,37352831	0,037	0,308
CHR3	12103900	CHR3:12103900	SSF x Near_LoA	-5,20086101	-0,190	0,295
CHR3	12103904	CHR3:12103904	SSF x Near_LoA	-8,23278894	-0,013	0,304
CHR3	12105739	CHR3:12105739	SSF x Near_LoA	-11,9075965	-0,039	0,313
CHR3	12105740	CHR3:12105740	SSF x Near_LoA	-12,652255	-0,020	0,304
CHR3	12105786	CHR3:12105786	SSF x Near_LoA	-9,21355555	0,056	0,301
CHR3	12105814	CHR3:12105814	SSF x Near_LoA	-8,29933667	0,060	0,307

CHR3	12118782	CHR3:12118782	SSF x Near_LoA	-7,79344179	0,087	0,303
CHR3	12118842	CHR3:12118842	SSF x Near_LoA	-8,30715802	0,042	0,312
CHR3	12122424	CHR3:12122424	SSF x Near_LoA	-9,4887165	-0,084	0,301
CHR3	12122462	CHR3:12122462	SSF x Near_LoA	-7,8596958	-0,080	0,320
CHR3	12122474	CHR3:12122474	SSF x Near_LoA	-8,58174167	0,037	0,316
CHR3	12122566	CHR3:12122566	SSF x Near_LoA	-8,99893233	0,020	0,305
CHR3	12122592	CHR3:12122592	SSF x Near_LoA	-6,00949741	-0,070	0,307
CHR3	12122665	CHR3:12122665	SSF x Near_LoA	-10,1836833	0,038	0,317
CHR3	12122667	CHR3:12122667	SSF x Near_LoA	-9,32270942	0,064	0,296
CHR3	12129284	CHR3:12129284	SSF x Near_LoA	-8,46729498	-0,137	0,304
CHR3	1213429	CHR3:1213429	SSF x Near_LoA	-8,81702079	0,137	0,310
CHR3	1213434	CHR3:1213434	SSF x Near_LoA	-9,60843933	0,180	0,279
CHR3	1213454	CHR3:1213454	SSF x Near_LoA	-8,68123814	-0,055	0,301
CHR3	12134569	CHR3:12134569	SSF x Near_LoA	-10,5709137	0,088	0,303
CHR3	12134777	CHR3:12134777	SSF x Near_LoA	-9,90237584	0,007	0,281
CHR3	12134874	CHR3:12134874	SSF x Near_LoA	-11,1954117	-0,041	0,301
CHR3	12134897	CHR3:12134897	SSF x Near_LoA	-6,7030993	-0,078	0,304
CHR3	1213501	CHR3:1213501	SSF x Near_LoA	-9,42304582	0,038	0,298
CHR3	1213505	CHR3:1213505	SSF x Near_LoA	-8,48096457	0,000	0,311
CHR3	12146604	CHR3:12146604	SSF x Near_LoA	-11,8988382	-0,075	0,308
CHR3	12146625	CHR3:12146625	SSF x Near_LoA	-9,16350802	-0,054	0,313
CHR3	12161051	CHR3:12161051	SSF x Near_LoA	-7,25659937	0,235	0,288
CHR3	12164682	CHR3:12164682	SSF x Near_LoA	-9,71809076	-0,003	0,306
CHR3	12171458	CHR3:12171458	SSF x Near_LoA	-11,2534871	-0,002	0,314
CHR3	12171475	CHR3:12171475	SSF x Near_LoA	-12,3467293	0,015	0,304
CHR3	12171610	CHR3:12171610	SSF x Near_LoA	-9,60205655	0,024	0,313
CHR3	12171706	CHR3:12171706	SSF x Near_LoA	-8,65703424	0,036	0,310
CHR3	12171721	CHR3:12171721	SSF x Near_LoA	-9,32504812	0,008	0,295
CHR3	1217211	CHR3:1217211	SSF x Near_LoA	-9,18201576	-0,065	0,301
CHR3	12176512	CHR3:12176512	SSF x Near_LoA	-8,92889999	0,076	0,303
CHR3	12177707	CHR3:12177707	SSF x Near_LoA	-10,4623969	-0,033	0,299
CHR3	12177825	CHR3:12177825	SSF x Near_LoA	-7,55328537	-0,153	0,304
CHR3	12177965	CHR3:12177965	SSF x Near_LoA	-6,24024241	0,184	0,286
CHR3	12178010	CHR3:12178010	SSF x Near_LoA	-10,3088117	-0,023	0,301
CHR3	12178043	CHR3:12178043	SSF x Near_LoA	-7,30903607	0,087	0,301
CHR3	12183108	CHR3:12183108	SSF x Near_LoA	-10,4116614	0,065	0,317
CHR3	12183324	CHR3:12183324	SSF x Near_LoA	-10,9946237	-0,029	0,293
CHR3	12184760	CHR3:12184760	SSF x Near_LoA	-4,33979128	0,138	0,299
CHR3	12184809	CHR3:12184809	SSF x Near_LoA	-9,23210883	-0,159	0,296
CHR3	12191418	CHR3:12191418	SSF x Near_LoA	-8,08381368	-0,072	0,302
CHR3	12191463	CHR3:12191463	SSF x Near_LoA	-11,0205214	0,090	0,300
CHR3	12191566	CHR3:12191566	SSF x Near_LoA	-9,84740689	0,030	0,294
CHR3	12191571	CHR3:12191571	SSF x Near_LoA	-5,14743692	-0,040	0,312
CHR3	1219403	CHR3:1219403	SSF x Near_LoA	-10,0624365	-0,106	0,299
CHR3	1219666	CHR3:1219666	SSF x Near_LoA	-10,0578843	-0,063	0,316
CHR3	12199109	CHR3:12199109	SSF x Near_LoA	-9,61132794	0,054	0,310
CHR3	12215359	CHR3:12215359	SSF x Near_LoA	-6,61869646	-0,096	0,320
CHR3	12215386	CHR3:12215386	SSF x Near_LoA	-7,4692561	-0,121	0,306
CHR3	12215470	CHR3:12215470	SSF x Near_LoA	-9,7497929	0,034	0,304
CHR3	12220116	CHR3:12220116	SSF x Near_LoA	-7,56807711	-0,136	0,301
CHR3	12220122	CHR3:12220122	SSF x Near_LoA	-10,510696	0,057	0,298
CHR3	12220173	CHR3:12220173	SSF x Near_LoA	-11,1411909	-0,040	0,302
CHR3	12220345	CHR3:12220345	SSF x Near_LoA	-10,1170675	-0,030	0,309

CHR3	12225146	CHR3:12225146	SSF x Near_LoA	-9,29305498	-0,088	0,304
CHR3	12225156	CHR3:12225156	SSF x Near_LoA	-9,93880887	-0,073	0,301
CHR3	12226493	CHR3:12226493	SSF x Near_LoA	-6,16323299	-0,122	0,304
CHR3	12232463	CHR3:12232463	SSF x Near_LoA	-9,92561728	-0,043	0,307
CHR3	12232492	CHR3:12232492	SSF x Near_LoA	-5,86468399	-0,142	0,302
CHR3	12232502	CHR3:12232502	SSF x Near_LoA	-6,6222419	-0,150	0,302
CHR3	12232504	CHR3:12232504	SSF x Near_LoA	-7,72606004	-0,117	0,304
CHR3	12232619	CHR3:12232619	SSF x Near_LoA	-9,87269622	-0,007	0,308
CHR3	12234555	CHR3:12234555	SSF x Near_LoA	-8,58092712	0,080	0,299
CHR3	12234558	CHR3:12234558	SSF x Near_LoA	-8,83489953	0,051	0,314
CHR3	12241215	CHR3:12241215	SSF x Near_LoA	-11,2268249	0,050	0,311
CHR3	12241217	CHR3:12241217	SSF x Near_LoA	-10,2219995	0,057	0,309
CHR3	12241250	CHR3:12241250	SSF x Near_LoA	-9,46250786	0,026	0,309
CHR3	12241259	CHR3:12241259	SSF x Near_LoA	-9,77526153	-0,095	0,311
CHR3	12241306	CHR3:12241306	SSF x Near_LoA	-9,0235296	-0,005	0,311
CHR3	12241372	CHR3:12241372	SSF x Near_LoA	-10,7631767	0,056	0,314
CHR3	12241395	CHR3:12241395	SSF x Near_LoA	-10,6017207	0,015	0,308
CHR3	12252500	CHR3:12252500	SSF x Near_LoA	-5,76862917	0,053	0,304
CHR3	12255053	CHR3:12255053	SSF x Near_LoA	-7,83203977	-0,039	0,307
CHR3	12255083	CHR3:12255083	SSF x Near_LoA	-7,08380982	-0,182	0,288
CHR3	12255130	CHR3:12255130	SSF x Near_LoA	-9,49942229	-0,165	0,302
CHR3	12257516	CHR3:12257516	SSF x Near_LoA	-7,14800495	0,080	0,302
CHR3	12257534	CHR3:12257534	SSF x Near_LoA	-9,00302188	-0,005	0,301
CHR3	12257543	CHR3:12257543	SSF x Near_LoA	-8,943573	0,064	0,304
CHR3	12257593	CHR3:12257593	SSF x Near_LoA	-10,6192822	0,058	0,312
CHR3	12257659	CHR3:12257659	SSF x Near_LoA	-8,71310057	0,065	0,307
CHR3	12259665	CHR3:12259665	SSF x Near_LoA	-5,10821748	-0,108	0,320
CHR3	12259666	CHR3:12259666	SSF x Near_LoA	-8,98302224	-0,121	0,301
CHR3	12259686	CHR3:12259686	SSF x Near_LoA	-9,15355315	0,029	0,299
CHR3	12259695	CHR3:12259695	SSF x Near_LoA	-3,42484143	0,173	0,307
CHR3	12259701	CHR3:12259701	SSF x Near_LoA	-9,49783357	-0,123	0,317
CHR3	12259721	CHR3:12259721	SSF x Near_LoA	-9,12528372	-0,115	0,307
CHR3	12259737	CHR3:12259737	SSF x Near_LoA	-11,3093219	-0,023	0,302
CHR3	12259743	CHR3:12259743	SSF x Near_LoA	-8,87295152	0,055	0,312
CHR3	12259775	CHR3:12259775	SSF x Near_LoA	-8,92521083	-0,129	0,315
CHR3	12259823	CHR3:12259823	SSF x Near_LoA	-10,5314052	-0,074	0,304
CHR3	12265030	CHR3:12265030	SSF x Near_LoA	-9,14955551	-0,022	0,313
CHR3	12265192	CHR3:12265192	SSF x Near_LoA	-8,21903864	0,083	0,306
CHR3	12265203	CHR3:12265203	SSF x Near_LoA	-7,1106573	-0,098	0,299
CHR3	12265213	CHR3:12265213	SSF x Near_LoA	-9,19423554	0,002	0,309
CHR3	12266428	CHR3:12266428	SSF x Near_LoA	-10,7496297	0,063	0,300
CHR3	12266440	CHR3:12266440	SSF x Near_LoA	-7,8551018	0,056	0,295
CHR3	12266527	CHR3:12266527	SSF x Near_LoA	-11,2983457	0,005	0,299
CHR3	12266528	CHR3:12266528	SSF x Near_LoA	-9,00226498	0,041	0,298
CHR3	1226972	CHR3:1226972	SSF x Near_LoA	1,47506837	-0,076	0,298
CHR3	12269799	CHR3:12269799	SSF x Near_LoA	-5,52284973	-0,181	0,291
CHR3	12269854	CHR3:12269854	SSF x Near_LoA	-9,84648004	0,016	0,298
CHR3	12269929	CHR3:12269929	SSF x Near_LoA	-7,57843852	0,118	0,298
CHR3	12269952	CHR3:12269952	SSF x Near_LoA	-8,16492319	0,091	0,302
CHR3	1227126	CHR3:1227126	SSF x Near_LoA	-9,71941771	-0,045	0,287
CHR3	1227277	CHR3:1227277	SSF x Near_LoA	-10,0513392	-0,060	0,300
CHR3	1228208	CHR3:1228208	SSF x Near_LoA	-11,4099617	0,047	0,296
CHR3	1228234	CHR3:1228234	SSF x Near_LoA	-8,16911364	0,013	0,309

CHR3	12300265	CHR3:12300265	SSF x Near_LoA	-7,91985059	0,042	0,311
CHR3	12300275	CHR3:12300275	SSF x Near_LoA	-5,94796093	0,008	0,301
CHR3	12300297	CHR3:12300297	SSF x Near_LoA	-8,01319844	0,024	0,303
CHR3	12301734	CHR3:12301734	SSF x Near_LoA	-3,30609414	-0,074	0,305
CHR3	1230783	CHR3:1230783	SSF x Near_LoA	-10,2682813	0,140	0,302
CHR3	1230831	CHR3:1230831	SSF x Near_LoA	-9,43699924	0,016	0,310
CHR3	1230832	CHR3:1230832	SSF x Near_LoA	-7,26782109	0,048	0,300
CHR3	12312082	CHR3:12312082	SSF x Near_LoA	-12,1263018	0,050	0,313
CHR3	12312159	CHR3:12312159	SSF x Near_LoA	-9,27462774	-0,045	0,296
CHR3	12312212	CHR3:12312212	SSF x Near_LoA	-12,0357976	-0,017	0,310
CHR3	12312276	CHR3:12312276	SSF x Near_LoA	-7,48559597	0,051	0,303
CHR3	12312450	CHR3:12312450	SSF x Near_LoA	-8,06464962	-0,005	0,308
CHR3	12312454	CHR3:12312454	SSF x Near_LoA	-9,48951157	0,097	0,293
CHR3	12318395	CHR3:12318395	SSF x Near_LoA	-9,24067329	-0,030	0,298
CHR3	12325456	CHR3:12325456	SSF x Near_LoA	-10,5621314	-0,024	0,324
CHR3	12356438	CHR3:12356438	SSF x Near_LoA	-10,9300645	-0,108	0,294
CHR3	12363121	CHR3:12363121	SSF x Near_LoA	-10,0778812	-0,004	0,307
CHR3	12363161	CHR3:12363161	SSF x Near_LoA	-10,5969303	0,035	0,308
CHR3	12363178	CHR3:12363178	SSF x Near_LoA	-9,46730887	0,035	0,310
CHR3	12368307	CHR3:12368307	SSF x Near_LoA	-9,15782905	-0,062	0,306
CHR3	12368338	CHR3:12368338	SSF x Near_LoA	-8,41110398	0,037	0,294
CHR3	12368374	CHR3:12368374	SSF x Near_LoA	-9,352034	-0,135	0,298
CHR3	12368442	CHR3:12368442	SSF x Near_LoA	-8,87603831	-0,105	0,314
CHR3	12368473	CHR3:12368473	SSF x Near_LoA	-9,47075942	0,132	0,296
CHR3	12368503	CHR3:12368503	SSF x Near_LoA	-8,32257587	0,045	0,301
CHR3	1237291	CHR3:1237291	SSF x Near_LoA	-8,11313354	0,112	0,301
CHR3	1237487	CHR3:1237487	SSF x Near_LoA	-8,04305557	-0,100	0,314
CHR3	12375408	CHR3:12375408	SSF x Near_LoA	-9,16319119	-0,098	0,304
CHR3	12380910	CHR3:12380910	SSF x Near_LoA	-11,1655072	0,021	0,320
CHR3	12380997	CHR3:12380997	SSF x Near_LoA	-8,84780251	-0,022	0,309
CHR3	12381021	CHR3:12381021	SSF x Near_LoA	-10,4713172	0,085	0,305
CHR3	12381042	CHR3:12381042	SSF x Near_LoA	-10,6778361	-0,015	0,293
CHR3	12399595	CHR3:12399595	SSF x Near_LoA	-8,5442763	-0,096	0,297
CHR3	12399599	CHR3:12399599	SSF x Near_LoA	-7,06332022	-0,097	0,308
CHR3	12399629	CHR3:12399629	SSF x Near_LoA	2,97642666	-0,068	0,303
CHR3	12427246	CHR3:12427246	SSF x Near_LoA	-7,71599484	-0,163	0,301
CHR3	12427253	CHR3:12427253	SSF x Near_LoA	-7,27279096	0,113	0,309
CHR3	12427273	CHR3:12427273	SSF x Near_LoA	-10,4135061	0,076	0,302
CHR3	12430957	CHR3:12430957	SSF x Near_LoA	-10,2629451	-0,020	0,311
CHR3	12430969	CHR3:12430969	SSF x Near_LoA	-8,8009924	-0,016	0,312
CHR3	12430970	CHR3:12430970	SSF x Near_LoA	-11,6971153	0,018	0,318
CHR3	12430976	CHR3:12430976	SSF x Near_LoA	-7,79368391	0,142	0,294
CHR3	12431024	CHR3:12431024	SSF x Near_LoA	-9,9033224	-0,028	0,311
CHR3	12431042	CHR3:12431042	SSF x Near_LoA	-4,33096799	0,086	0,310
CHR3	12431059	CHR3:12431059	SSF x Near_LoA	10,5169958	0,119	0,293
CHR3	12431081	CHR3:12431081	SSF x Near_LoA	-9,23726499	0,035	0,306
CHR3	12431120	CHR3:12431120	SSF x Near_LoA	-7,8320979	0,072	0,317
CHR3	12431148	CHR3:12431148	SSF x Near_LoA	-7,19000361	0,040	0,310
CHR3	12431171	CHR3:12431171	SSF x Near_LoA	-3,42804731	0,053	0,311
CHR3	12431184	CHR3:12431184	SSF x Near_LoA	-10,6050316	0,074	0,312
CHR3	12437727	CHR3:12437727	SSF x Near_LoA	5,53079566	-0,165	0,296
CHR3	12437751	CHR3:12437751	SSF x Near_LoA	-8,33182478	0,099	0,312
CHR3	12437755	CHR3:12437755	SSF x Near_LoA	-8,01501719	0,131	0,299

CHR3	12437781	CHR3:12437781	SSF x Near_LoA	-5,05951816	-0,152	0,312
CHR3	12437794	CHR3:12437794	SSF x Near_LoA	-11,5002556	-0,039	0,304
CHR3	12437802	CHR3:12437802	SSF x Near_LoA	-6,01926254	-0,170	0,300
CHR3	12441587	CHR3:12441587	SSF x Near_LoA	-9,18397094	-0,067	0,304
CHR3	12441606	CHR3:12441606	SSF x Near_LoA	-9,13870383	0,018	0,307
CHR3	12441630	CHR3:12441630	SSF x Near_LoA	-7,30698235	-0,127	0,307
CHR3	12441640	CHR3:12441640	SSF x Near_LoA	-7,59512895	-0,143	0,314
CHR3	12441646	CHR3:12441646	SSF x Near_LoA	-10,1445029	0,047	0,307
CHR3	12441684	CHR3:12441684	SSF x Near_LoA	-7,29876422	-0,126	0,306
CHR3	12441747	CHR3:12441747	SSF x Near_LoA	-10,0517774	-0,087	0,310
CHR3	12441767	CHR3:12441767	SSF x Near_LoA	-10,3017035	-0,051	0,319
CHR3	12441768	CHR3:12441768	SSF x Near_LoA	-8,94749383	0,032	0,288
CHR3	12441769	CHR3:12441769	SSF x Near_LoA	-9,61125558	-0,001	0,298
CHR3	12441792	CHR3:12441792	SSF x Near_LoA	-9,03912849	0,114	0,296
CHR3	12441797	CHR3:12441797	SSF x Near_LoA	-5,48953633	0,138	0,309
CHR3	12441801	CHR3:12441801	SSF x Near_LoA	-6,94574148	0,125	0,303
CHR3	12441803	CHR3:12441803	SSF x Near_LoA	-3,77556397	0,121	0,300
CHR3	12441823	CHR3:12441823	SSF x Near_LoA	-7,95873706	0,173	0,295
CHR3	12441828	CHR3:12441828	SSF x Near_LoA	-8,14031853	0,169	0,297
CHR3	12447610	CHR3:12447610	SSF x Near_LoA	-10,354883	0,032	0,308
CHR3	12447650	CHR3:12447650	SSF x Near_LoA	-10,3320922	0,058	0,305
CHR3	12447719	CHR3:12447719	SSF x Near_LoA	-7,42862675	0,105	0,300
CHR3	12447764	CHR3:12447764	SSF x Near_LoA	-11,2046208	0,026	0,327
CHR3	12447795	CHR3:12447795	SSF x Near_LoA	-10,2032872	-0,014	0,315
CHR3	12447810	CHR3:12447810	SSF x Near_LoA	-9,82154692	-0,008	0,313
CHR3	12456406	CHR3:12456406	SSF x Near_LoA	-8,52605657	0,161	0,295
CHR3	12456440	CHR3:12456440	SSF x Near_LoA	-8,2778535	0,099	0,302
CHR3	12456526	CHR3:12456526	SSF x Near_LoA	-9,51927042	-0,145	0,301
CHR3	12456548	CHR3:12456548	SSF x Near_LoA	-10,3946319	-0,167	0,290
CHR3	12456642	CHR3:12456642	SSF x Near_LoA	-10,272261	-0,045	0,294
CHR3	12473897	CHR3:12473897	SSF x Near_LoA	-3,15256815	-0,062	0,302
CHR3	12473963	CHR3:12473963	SSF x Near_LoA	-9,52525974	0,042	0,304
CHR3	12475256	CHR3:12475256	SSF x Near_LoA	-8,5311571	0,090	0,296
CHR3	12475282	CHR3:12475282	SSF x Near_LoA	-9,32296164	-0,070	0,303
CHR3	12475415	CHR3:12475415	SSF x Near_LoA	-8,88507369	-0,058	0,308
CHR3	12475437	CHR3:12475437	SSF x Near_LoA	-10,4263942	-0,098	0,302
CHR3	12475450	CHR3:12475450	SSF x Near_LoA	-7,68179839	0,089	0,314
CHR3	12475469	CHR3:12475469	SSF x Near_LoA	-7,96163911	-0,063	0,296
CHR3	12479913	CHR3:12479913	SSF x Near_LoA	-6,89684618	-0,116	0,311
CHR3	12479942	CHR3:12479942	SSF x Near_LoA	-8,57426036	0,042	0,315
CHR3	12479948	CHR3:12479948	SSF x Near_LoA	-7,75437858	0,050	0,308
CHR3	12480034	CHR3:12480034	SSF x Near_LoA	-9,80551321	-0,002	0,305
CHR3	12480043	CHR3:12480043	SSF x Near_LoA	-7,53903386	0,091	0,306
CHR3	12480061	CHR3:12480061	SSF x Near_LoA	-7,61084754	-0,105	0,294
CHR3	12480064	CHR3:12480064	SSF x Near_LoA	-6,90191091	-0,074	0,316
CHR3	12480080	CHR3:12480080	SSF x Near_LoA	-10,3225454	0,037	0,285
CHR3	12480121	CHR3:12480121	SSF x Near_LoA	-10,7460019	-0,076	0,312
CHR3	12480182	CHR3:12480182	SSF x Near_LoA	-8,77480294	-0,039	0,315
CHR3	12482602	CHR3:12482602	SSF x Near_LoA	-9,69503813	-0,047	0,284
CHR3	12482653	CHR3:12482653	SSF x Near_LoA	-10,1289997	0,124	0,292
CHR3	12482662	CHR3:12482662	SSF x Near_LoA	-6,63527857	0,017	0,323
CHR3	12493557	CHR3:12493557	SSF x Near_LoA	-3,81754773	0,215	0,290
CHR3	12493559	CHR3:12493559	SSF x Near_LoA	-8,94921146	-0,095	0,295

CHR3	12493589	CHR3:12493589	SSF x Near_LoA	-9,93617569	-0,031	0,306
CHR3	12493610	CHR3:12493610	SSF x Near_LoA	-9,75096447	0,032	0,301
CHR3	12493618	CHR3:12493618	SSF x Near_LoA	-10,806015	0,042	0,303
CHR3	12493624	CHR3:12493624	SSF x Near_LoA	-11,512925	0,037	0,279
CHR3	12494085	CHR3:12494085	SSF x Near_LoA	-10,8642444	0,017	0,302
CHR3	12496931	CHR3:12496931	SSF x Near_LoA	-3,46042849	0,137	0,308
CHR3	12496935	CHR3:12496935	SSF x Near_LoA	-5,49560012	0,142	0,301
CHR3	12497104	CHR3:12497104	SSF x Near_LoA	-7,20687187	-0,161	0,297
CHR3	12497132	CHR3:12497132	SSF x Near_LoA	-7,23484544	-0,181	0,301
CHR3	12497148	CHR3:12497148	SSF x Near_LoA	-9,08445211	-0,038	0,308
CHR3	12500657	CHR3:12500657	SSF x Near_LoA	-9,53208052	0,037	0,314
CHR3	12500671	CHR3:12500671	SSF x Near_LoA	-10,243529	0,078	0,320
CHR3	12500698	CHR3:12500698	SSF x Near_LoA	-10,0169819	0,010	0,315
CHR3	12500779	CHR3:12500779	SSF x Near_LoA	-7,17033903	0,015	0,291
CHR3	12500829	CHR3:12500829	SSF x Near_LoA	-2,92941248	-0,153	0,322
CHR3	12500847	CHR3:12500847	SSF x Near_LoA	-9,01140527	-0,085	0,289
CHR3	12508269	CHR3:12508269	SSF x Near_LoA	-10,013641	0,018	0,313
CHR3	12508293	CHR3:12508293	SSF x Near_LoA	-6,39502291	-0,104	0,308
CHR3	12508321	CHR3:12508321	SSF x Near_LoA	-7,13725147	-0,014	0,318
CHR3	12508392	CHR3:12508392	SSF x Near_LoA	-11,2728307	0,004	0,308
CHR3	12508409	CHR3:12508409	SSF x Near_LoA	-1,71016802	-0,067	0,311
CHR3	12508453	CHR3:12508453	SSF x Near_LoA	-10,9391393	-0,053	0,310
CHR3	12508476	CHR3:12508476	SSF x Near_LoA	-9,43807796	-0,067	0,309
CHR3	12514322	CHR3:12514322	SSF x Near_LoA	-8,43966252	0,172	0,305
CHR3	12514457	CHR3:12514457	SSF x Near_LoA	-11,843903	-0,030	0,300
CHR3	12514459	CHR3:12514459	SSF x Near_LoA	-9,63777903	0,016	0,311
CHR3	12514505	CHR3:12514505	SSF x Near_LoA	-10,397074	-0,041	0,302
CHR3	12514530	CHR3:12514530	SSF x Near_LoA	-7,83650109	-0,041	0,306
CHR3	12520221	CHR3:12520221	SSF x Near_LoA	-8,48911585	0,018	0,304
CHR3	12520222	CHR3:12520222	SSF x Near_LoA	-11,5299346	0,035	0,304
CHR3	12520247	CHR3:12520247	SSF x Near_LoA	-9,60267687	-0,150	0,314
CHR3	12520271	CHR3:12520271	SSF x Near_LoA	-10,4197385	-0,102	0,312
CHR3	12521931	CHR3:12521931	SSF x Near_LoA	-11,631533	-0,052	0,316
CHR3	12525150	CHR3:12525150	SSF x Near_LoA	-9,09951785	0,128	0,298
CHR3	12526334	CHR3:12526334	SSF x Near_LoA	-7,96701965	0,074	0,302
CHR3	12526336	CHR3:12526336	SSF x Near_LoA	-10,4262484	-0,041	0,316
CHR3	12527956	CHR3:12527956	SSF x Near_LoA	-11,0849402	0,031	0,313
CHR3	12528065	CHR3:12528065	SSF x Near_LoA	-8,47026426	-0,046	0,313
CHR3	12528211	CHR3:12528211	SSF x Near_LoA	-9,63650788	-0,069	0,321
CHR3	12528228	CHR3:12528228	SSF x Near_LoA	-10,2228381	0,044	0,308
CHR3	12530508	CHR3:12530508	SSF x Near_LoA	-10,5735308	-0,058	0,311
CHR3	12530509	CHR3:12530509	SSF x Near_LoA	-12,1787356	-0,067	0,304
CHR3	12530526	CHR3:12530526	SSF x Near_LoA	-11,0265085	-0,047	0,314
CHR3	12530570	CHR3:12530570	SSF x Near_LoA	-9,18115092	-0,084	0,309
CHR3	12530673	CHR3:12530673	SSF x Near_LoA	-7,56783969	-0,063	0,315
CHR3	12537054	CHR3:12537054	SSF x Near_LoA	-9,01088737	-0,057	0,304
CHR3	12537112	CHR3:12537112	SSF x Near_LoA	-10,4134377	-0,004	0,307
CHR3	12539114	CHR3:12539114	SSF x Near_LoA	-10,0214429	-0,038	0,303
CHR3	12539116	CHR3:12539116	SSF x Near_LoA	-7,61090236	-0,048	0,308
CHR3	12539268	CHR3:12539268	SSF x Near_LoA	-2,78345381	0,029	0,305
CHR3	12539337	CHR3:12539337	SSF x Near_LoA	-6,83054201	0,033	0,305
CHR3	12549685	CHR3:12549685	SSF x Near_LoA	-10,1410156	-0,046	0,307
CHR3	12549694	CHR3:12549694	SSF x Near_LoA	-8,73880243	0,011	0,301

CHR3	12549720	CHR3:12549720	SSF x Near_LoA	-7,77285089	-0,129	0,304
CHR3	12549780	CHR3:12549780	SSF x Near_LoA	-11,5019277	0,014	0,295
CHR3	12551016	CHR3:12551016	SSF x Near_LoA	-10,3569411	-0,027	0,306
CHR3	12554071	CHR3:12554071	SSF x Near_LoA	-5,92615619	0,192	0,306
CHR3	12554087	CHR3:12554087	SSF x Near_LoA	-4,34163208	-0,222	0,297
CHR3	12554206	CHR3:12554206	SSF x Near_LoA	-10,6184329	-0,095	0,297
CHR3	12555812	CHR3:12555812	SSF x Near_LoA	-9,1898383	-0,103	0,299
CHR3	12555835	CHR3:12555835	SSF x Near_LoA	-9,25457169	0,068	0,319
CHR3	12563742	CHR3:12563742	SSF x Near_LoA	-8,2619419	0,074	0,309
CHR3	12563814	CHR3:12563814	SSF x Near_LoA	-7,91862655	0,019	0,312
CHR3	12563886	CHR3:12563886	SSF x Near_LoA	-8,84002029	0,085	0,302
CHR3	12567779	CHR3:12567779	SSF x Near_LoA	-7,45388674	-0,074	0,310
CHR3	12574106	CHR3:12574106	SSF x Near_LoA	-7,87894743	0,049	0,306
CHR3	12574117	CHR3:12574117	SSF x Near_LoA	-11,365452	-0,010	0,319
CHR3	12574129	CHR3:12574129	SSF x Near_LoA	-9,95986955	0,028	0,321
CHR3	12574142	CHR3:12574142	SSF x Near_LoA	-11,2090396	0,068	0,311
CHR3	12574947	CHR3:12574947	SSF x Near_LoA	-8,77045901	0,075	0,304
CHR3	12574977	CHR3:12574977	SSF x Near_LoA	-10,5778231	0,040	0,308
CHR3	12575031	CHR3:12575031	SSF x Near_LoA	-1,05322815	-0,078	0,304
CHR3	12576849	CHR3:12576849	SSF x Near_LoA	-9,81525378	-0,024	0,308
CHR3	12576859	CHR3:12576859	SSF x Near_LoA	-5,6682888	0,047	0,315
CHR3	12576860	CHR3:12576860	SSF x Near_LoA	-10,8509945	0,014	0,297
CHR3	12584832	CHR3:12584832	SSF x Near_LoA	-10,4967295	-0,037	0,308
CHR3	12584833	CHR3:12584833	SSF x Near_LoA	-8,96621613	0,001	0,303
CHR3	12584888	CHR3:12584888	SSF x Near_LoA	-10,3258575	0,078	0,297
CHR3	12584966	CHR3:12584966	SSF x Near_LoA	-9,28147612	-0,131	0,307
CHR3	12590862	CHR3:12590862	SSF x Near_LoA	-8,6208724	0,005	0,305
CHR3	12590999	CHR3:12590999	SSF x Near_LoA	-7,83482039	-0,069	0,314
CHR3	12591077	CHR3:12591077	SSF x Near_LoA	-9,24814924	0,043	0,325
CHR3	12591082	CHR3:12591082	SSF x Near_LoA	-10,4610645	0,071	0,310
CHR3	12593353	CHR3:12593353	SSF x Near_LoA	-7,45732611	-0,008	0,313
CHR3	12593393	CHR3:12593393	SSF x Near_LoA	-10,5396142	0,026	0,293
CHR3	12593423	CHR3:12593423	SSF x Near_LoA	-9,62259904	-0,101	0,310
CHR3	12593630	CHR3:12593630	SSF x Near_LoA	-9,12721179	-0,017	0,309
CHR3	12593662	CHR3:12593662	SSF x Near_LoA	-9,63366436	0,110	0,311
CHR3	12593674	CHR3:12593674	SSF x Near_LoA	-7,68712939	-0,008	0,305
CHR3	12593703	CHR3:12593703	SSF x Near_LoA	-10,0284585	-0,092	0,303
CHR3	12593719	CHR3:12593719	SSF x Near_LoA	-9,07753803	-0,042	0,310
CHR3	12600353	CHR3:12600353	SSF x Near_LoA	-9,44417056	-0,039	0,287
CHR3	12600989	CHR3:12600989	SSF x Near_LoA	-10,6770749	0,109	0,293
CHR3	12606751	CHR3:12606751	SSF x Near_LoA	-9,876513	0,096	0,314
CHR3	12606782	CHR3:12606782	SSF x Near_LoA	-9,92463011	0,064	0,308
CHR3	12606802	CHR3:12606802	SSF x Near_LoA	-6,94976049	0,086	0,312
CHR3	12606834	CHR3:12606834	SSF x Near_LoA	-9,50188316	0,071	0,319
CHR3	12606835	CHR3:12606835	SSF x Near_LoA	-9,9746947	0,101	0,305
CHR3	12606837	CHR3:12606837	SSF x Near_LoA	-10,0382074	0,110	0,299
CHR3	1261472	CHR3:1261472	SSF x Near_LoA	-10,793611	0,013	0,306
CHR3	1261482	CHR3:1261482	SSF x Near_LoA	-10,4264752	-0,033	0,327
CHR3	1261487	CHR3:1261487	SSF x Near_LoA	-8,99309345	-0,045	0,315
CHR3	1261488	CHR3:1261488	SSF x Near_LoA	-12,1191675	-0,027	0,305
CHR3	1261494	CHR3:1261494	SSF x Near_LoA	-1,69118943	0,180	0,290
CHR3	12619502	CHR3:12619502	SSF x Near_LoA	-12,0067893	-0,007	0,296
CHR3	1262156	CHR3:1262156	SSF x Near_LoA	-8,54719094	0,093	0,316

CHR3	12624707	CHR3:12624707	SSF x Near_LoA	-11,7510468	0,043	0,307
CHR3	12644913	CHR3:12644913	SSF x Near_LoA	-11,0864936	0,027	0,317
CHR3	12644952	CHR3:12644952	SSF x Near_LoA	-8,58323022	-0,107	0,297
CHR3	12644986	CHR3:12644986	SSF x Near_LoA	-8,5136516	0,135	0,311
CHR3	12648860	CHR3:12648860	SSF x Near_LoA	-5,12288427	0,168	0,315
CHR3	12658102	CHR3:12658102	SSF x Near_LoA	-10,5157168	-0,050	0,305
CHR3	12661170	CHR3:12661170	SSF x Near_LoA	-9,81927829	-0,056	0,306
CHR3	12661186	CHR3:12661186	SSF x Near_LoA	-11,2482732	-0,034	0,290
CHR3	12661252	CHR3:12661252	SSF x Near_LoA	-9,02038187	0,123	0,300
CHR3	12661282	CHR3:12661282	SSF x Near_LoA	-10,2031642	-0,012	0,288
CHR3	12661307	CHR3:12661307	SSF x Near_LoA	-6,19705363	-0,041	0,301
CHR3	12670107	CHR3:12670107	SSF x Near_LoA	-7,78695874	0,048	0,321
CHR3	12670189	CHR3:12670189	SSF x Near_LoA	-8,36495249	0,072	0,303
CHR3	12677161	CHR3:12677161	SSF x Near_LoA	-8,46169236	0,010	0,318
CHR3	12677162	CHR3:12677162	SSF x Near_LoA	-10,3887134	0,014	0,304
CHR3	12677373	CHR3:12677373	SSF x Near_LoA	-6,94404886	0,140	0,311
CHR3	12678767	CHR3:12678767	SSF x Near_LoA	-9,17639641	0,083	0,304
CHR3	12678799	CHR3:12678799	SSF x Near_LoA	-0,20280148	-0,016	0,316
CHR3	12678899	CHR3:12678899	SSF x Near_LoA	-9,8889398	0,012	0,310
CHR3	1268005	CHR3:1268005	SSF x Near_LoA	-8,6505266	0,091	0,310
CHR3	1268035	CHR3:1268035	SSF x Near_LoA	-10,1755886	0,110	0,304
CHR3	12683623	CHR3:12683623	SSF x Near_LoA	-6,140179	0,108	0,308
CHR3	12700095	CHR3:12700095	SSF x Near_LoA	-8,85850915	-0,116	0,288
CHR3	12700159	CHR3:12700159	SSF x Near_LoA	-9,07883528	-0,040	0,326
CHR3	1271231	CHR3:1271231	SSF x Near_LoA	-8,95805209	0,051	0,309
CHR3	1271250	CHR3:1271250	SSF x Near_LoA	-7,55549317	0,068	0,311
CHR3	1271318	CHR3:1271318	SSF x Near_LoA	-8,35067113	0,008	0,321
CHR3	12717616	CHR3:12717616	SSF x Near_LoA	-9,50855022	-0,096	0,293
CHR3	12717620	CHR3:12717620	SSF x Near_LoA	-7,66051374	-0,129	0,286
CHR3	12717622	CHR3:12717622	SSF x Near_LoA	-9,41740035	-0,112	0,299
CHR3	12717720	CHR3:12717720	SSF x Near_LoA	-9,13119764	0,016	0,307
CHR3	12728122	CHR3:12728122	SSF x Near_LoA	-10,504399	-0,052	0,320
CHR3	12728128	CHR3:12728128	SSF x Near_LoA	-8,74139309	0,056	0,304
CHR3	12728173	CHR3:12728173	SSF x Near_LoA	-7,92180592	-0,119	0,309
CHR3	12728317	CHR3:12728317	SSF x Near_LoA	-7,10366048	-0,133	0,307
CHR3	12730342	CHR3:12730342	SSF x Near_LoA	-8,16363618	0,052	0,314
CHR3	12738943	CHR3:12738943	SSF x Near_LoA	-10,9365813	0,029	0,308
CHR3	12747670	CHR3:12747670	SSF x Near_LoA	-9,78270764	0,047	0,324
CHR3	12747687	CHR3:12747687	SSF x Near_LoA	-7,63450596	0,080	0,297
CHR3	12747699	CHR3:12747699	SSF x Near_LoA	-10,8654609	-0,067	0,317
CHR3	12747738	CHR3:12747738	SSF x Near_LoA	-9,82884413	0,020	0,315
CHR3	12764652	CHR3:12764652	SSF x Near_LoA	-10,8914631	0,123	0,294
CHR3	12764841	CHR3:12764841	SSF x Near_LoA	-7,18872953	-0,181	0,308
CHR3	12764964	CHR3:12764964	SSF x Near_LoA	-10,967301	-0,062	0,293
CHR3	1276935	CHR3:1276935	SSF x Near_LoA	-11,5509395	-0,034	0,305
CHR3	1276967	CHR3:1276967	SSF x Near_LoA	-8,62400239	0,054	0,310
CHR3	1277095	CHR3:1277095	SSF x Near_LoA	-11,8170371	-0,011	0,314
CHR3	12786096	CHR3:12786096	SSF x Near_LoA	-4,70516421	0,109	0,303
CHR3	12786113	CHR3:12786113	SSF x Near_LoA	-8,81477546	-0,093	0,319
CHR3	12792728	CHR3:12792728	SSF x Near_LoA	-9,39704053	0,045	0,305
CHR3	12792733	CHR3:12792733	SSF x Near_LoA	-9,51387872	0,073	0,295
CHR3	12792738	CHR3:12792738	SSF x Near_LoA	-10,9837913	-0,013	0,306
CHR3	12792787	CHR3:12792787	SSF x Near_LoA	-0,58785818	-0,268	0,271

CHR3	128077	CHR3:128077	SSF x Near_LoA	-11,0104251	-0,101	0,303
CHR3	12812931	CHR3:12812931	SSF x Near_LoA	-7,80633336	-0,029	0,311
CHR3	1282063	CHR3:1282063	SSF x Near_LoA	-5,46307786	-0,111	0,306
CHR3	1282093	CHR3:1282093	SSF x Near_LoA	-7,30973791	0,180	0,295
CHR3	12833937	CHR3:12833937	SSF x Near_LoA	-11,3209622	0,087	0,305
CHR3	12852615	CHR3:12852615	SSF x Near_LoA	-10,3495163	-0,044	0,316
CHR3	12852666	CHR3:12852666	SSF x Near_LoA	-8,56480625	0,066	0,313
CHR3	12852881	CHR3:12852881	SSF x Near_LoA	-10,4646627	-0,066	0,315
CHR3	12854717	CHR3:12854717	SSF x Near_LoA	-10,4351051	0,000	0,309
CHR3	12854772	CHR3:12854772	SSF x Near_LoA	-9,56586474	0,030	0,306
CHR3	12854815	CHR3:12854815	SSF x Near_LoA	-10,3150658	0,027	0,309
CHR3	12865465	CHR3:12865465	SSF x Near_LoA	-12,1357169	0,005	0,301
CHR3	12865681	CHR3:12865681	SSF x Near_LoA	-12,0506859	-0,099	0,300
CHR3	12865688	CHR3:12865688	SSF x Near_LoA	-11,3985138	-0,120	0,307
CHR3	12869970	CHR3:12869970	SSF x Near_LoA	-8,48632849	0,114	0,304
CHR3	12870046	CHR3:12870046	SSF x Near_LoA	-8,06927001	-0,102	0,298
CHR3	12870048	CHR3:12870048	SSF x Near_LoA	-9,90936486	0,120	0,304
CHR3	12870074	CHR3:12870074	SSF x Near_LoA	-7,93708261	-0,131	0,305
CHR3	12870122	CHR3:12870122	SSF x Near_LoA	-11,395302	-0,054	0,307
CHR3	12870128	CHR3:12870128	SSF x Near_LoA	-8,55094103	0,067	0,315
CHR3	12870858	CHR3:12870858	SSF x Near_LoA	-7,46436956	0,077	0,311
CHR3	12871017	CHR3:12871017	SSF x Near_LoA	-10,7921938	0,040	0,296
CHR3	12880428	CHR3:12880428	SSF x Near_LoA	-10,4980628	-0,095	0,309
CHR3	12880614	CHR3:12880614	SSF x Near_LoA	-5,92300095	0,209	0,292
CHR3	12883930	CHR3:12883930	SSF x Near_LoA	-9,99381562	0,001	0,315
CHR3	12888216	CHR3:12888216	SSF x Near_LoA	-7,96918479	0,073	0,308
CHR3	12888291	CHR3:12888291	SSF x Near_LoA	-9,6918108	-0,009	0,305
CHR3	12888419	CHR3:12888419	SSF x Near_LoA	-11,2025193	-0,059	0,310
CHR3	12892106	CHR3:12892106	SSF x Near_LoA	-9,7512384	-0,029	0,314
CHR3	12902140	CHR3:12902140	SSF x Near_LoA	-7,90752386	0,036	0,303
CHR3	12902219	CHR3:12902219	SSF x Near_LoA	-10,3531631	-0,131	0,309
CHR3	12902232	CHR3:12902232	SSF x Near_LoA	-11,8077677	0,015	0,301
CHR3	12902266	CHR3:12902266	SSF x Near_LoA	-9,024925	-0,098	0,304
CHR3	12904767	CHR3:12904767	SSF x Near_LoA	-11,3433379	-0,099	0,299
CHR3	12904784	CHR3:12904784	SSF x Near_LoA	-10,3381335	0,092	0,309
CHR3	12905029	CHR3:12905029	SSF x Near_LoA	-9,66546326	0,084	0,320
CHR3	12905054	CHR3:12905054	SSF x Near_LoA	-0,60126875	-0,015	0,316
CHR3	12914350	CHR3:12914350	SSF x Near_LoA	-9,35272511	0,021	0,299
CHR3	12914382	CHR3:12914382	SSF x Near_LoA	-10,3310406	-0,026	0,292
CHR3	12921017	CHR3:12921017	SSF x Near_LoA	-7,51199417	-0,116	0,316
CHR3	12921074	CHR3:12921074	SSF x Near_LoA	-8,57669028	-0,041	0,303
CHR3	12936273	CHR3:12936273	SSF x Near_LoA	-10,0941866	-0,044	0,304
CHR3	12936280	CHR3:12936280	SSF x Near_LoA	-7,368831	-0,184	0,295
CHR3	12949763	CHR3:12949763	SSF x Near_LoA	-8,34633782	0,009	0,312
CHR3	12949799	CHR3:12949799	SSF x Near_LoA	-3,99068393	-0,082	0,310
CHR3	12949821	CHR3:12949821	SSF x Near_LoA	-8,84607552	0,068	0,302
CHR3	12949856	CHR3:12949856	SSF x Near_LoA	-11,4268615	-0,023	0,308
CHR3	12951149	CHR3:12951149	SSF x Near_LoA	-9,71946211	0,012	0,317
CHR3	1296624	CHR3:1296624	SSF x Near_LoA	-3,4769555	0,163	0,303
CHR3	12982648	CHR3:12982648	SSF x Near_LoA	-3,10833137	0,100	0,317
CHR3	12982684	CHR3:12982684	SSF x Near_LoA	-10,158898	0,040	0,313
CHR3	12982708	CHR3:12982708	SSF x Near_LoA	-7,88958093	-0,050	0,314
CHR3	12982743	CHR3:12982743	SSF x Near_LoA	-8,98083387	0,084	0,303

CHR3	12982811	CHR3:12982811	SSF x Near_LoA	-7,16646596	0,043	0,319
CHR3	12983808	CHR3:12983808	SSF x Near_LoA	-10,9203629	0,037	0,314
CHR3	12985681	CHR3:12985681	SSF x Near_LoA	-8,537332	-0,042	0,312
CHR3	12985748	CHR3:12985748	SSF x Near_LoA	-11,0236039	0,016	0,308
CHR3	12999321	CHR3:12999321	SSF x Near_LoA	-10,7806334	-0,093	0,297
CHR3	13000026	CHR3:13000026	SSF x Near_LoA	-11,2710646	0,065	0,296
CHR3	13003786	CHR3:13003786	SSF x Near_LoA	-9,20813481	-0,125	0,296
CHR3	13003823	CHR3:13003823	SSF x Near_LoA	-5,06909609	0,008	0,309
CHR3	13009271	CHR3:13009271	SSF x Near_LoA	-8,84354205	-0,115	0,313
CHR3	13009287	CHR3:13009287	SSF x Near_LoA	-7,70052432	-0,020	0,309
CHR3	13009507	CHR3:13009507	SSF x Near_LoA	-3,69779262	-0,084	0,303
CHR3	13009590	CHR3:13009590	SSF x Near_LoA	-8,47211837	-0,077	0,302
CHR3	13009595	CHR3:13009595	SSF x Near_LoA	-7,86613238	-0,077	0,311
CHR3	13011811	CHR3:13011811	SSF x Near_LoA	-11,3123895	-0,049	0,312
CHR3	13011833	CHR3:13011833	SSF x Near_LoA	-8,44345041	0,018	0,306
CHR3	13011913	CHR3:13011913	SSF x Near_LoA	-9,1952695	-0,097	0,310
CHR3	13011933	CHR3:13011933	SSF x Near_LoA	-9,05448765	0,118	0,294
CHR3	13011951	CHR3:13011951	SSF x Near_LoA	-12,2053766	0,080	0,306
CHR3	13011964	CHR3:13011964	SSF x Near_LoA	-8,00553528	0,045	0,309
CHR3	13014635	CHR3:13014635	SSF x Near_LoA	-8,25403439	-0,039	0,313
CHR3	13022173	CHR3:13022173	SSF x Near_LoA	-10,1476974	0,019	0,312
CHR3	13026784	CHR3:13026784	SSF x Near_LoA	-10,9365905	0,046	0,299
CHR3	13044528	CHR3:13044528	SSF x Near_LoA	-8,35314957	0,058	0,315
CHR3	13044532	CHR3:13044532	SSF x Near_LoA	-11,3309753	-0,021	0,296
CHR3	13044668	CHR3:13044668	SSF x Near_LoA	-8,1725984	-0,043	0,297
CHR3	13044690	CHR3:13044690	SSF x Near_LoA	-8,13960731	0,111	0,311
CHR3	13044779	CHR3:13044779	SSF x Near_LoA	-8,24917652	0,010	0,289
CHR3	13044791	CHR3:13044791	SSF x Near_LoA	-9,83840566	-0,098	0,309
CHR3	13044818	CHR3:13044818	SSF x Near_LoA	-11,4782156	0,059	0,306
CHR3	13053099	CHR3:13053099	SSF x Near_LoA	-9,68120164	0,034	0,300
CHR3	13053103	CHR3:13053103	SSF x Near_LoA	-9,90779427	-0,022	0,292
CHR3	13053145	CHR3:13053145	SSF x Near_LoA	-8,73460296	-0,012	0,294
CHR3	13074554	CHR3:13074554	SSF x Near_LoA	-8,36185494	0,146	0,304
CHR3	13080783	CHR3:13080783	SSF x Near_LoA	-10,8770384	0,083	0,314
CHR3	13098732	CHR3:13098732	SSF x Near_LoA	-7,25760419	0,121	0,293
CHR3	13098744	CHR3:13098744	SSF x Near_LoA	-11,4955607	0,015	0,305
CHR3	13098805	CHR3:13098805	SSF x Near_LoA	-9,58223293	0,021	0,311
CHR3	13098915	CHR3:13098915	SSF x Near_LoA	-8,21024932	-0,021	0,293
CHR3	13098923	CHR3:13098923	SSF x Near_LoA	-9,82915946	0,101	0,302
CHR3	13098927	CHR3:13098927	SSF x Near_LoA	-9,3378837	-0,082	0,309
CHR3	13106550	CHR3:13106550	SSF x Near_LoA	-10,6599328	-0,100	0,312
CHR3	13107326	CHR3:13107326	SSF x Near_LoA	-11,0520869	0,026	0,309
CHR3	13107414	CHR3:13107414	SSF x Near_LoA	-2,62297617	0,142	0,297
CHR3	13107429	CHR3:13107429	SSF x Near_LoA	-3,13935915	0,143	0,305
CHR3	13107519	CHR3:13107519	SSF x Near_LoA	-11,173649	0,062	0,315
CHR3	13115415	CHR3:13115415	SSF x Near_LoA	-10,2981335	-0,153	0,301
CHR3	13115469	CHR3:13115469	SSF x Near_LoA	-9,63984023	-0,135	0,319
CHR3	13115474	CHR3:13115474	SSF x Near_LoA	-8,42850318	-0,148	0,317
CHR3	13116579	CHR3:13116579	SSF x Near_LoA	-6,9577764	-0,038	0,321
CHR3	13116608	CHR3:13116608	SSF x Near_LoA	-10,7162947	-0,047	0,303
CHR3	13116660	CHR3:13116660	SSF x Near_LoA	-10,2089394	0,000	0,296
CHR3	13119103	CHR3:13119103	SSF x Near_LoA	-12,085522	0,022	0,313
CHR3	13119151	CHR3:13119151	SSF x Near_LoA	-11,3442656	0,010	0,312

CHR3	13119218	CHR3:13119218	SSF x Near_LoA	-11,7825077	-0,071	0,301
CHR3	13123817	CHR3:13123817	SSF x Near_LoA	-9,60232351	0,068	0,303
CHR3	13123838	CHR3:13123838	SSF x Near_LoA	-11,6542734	0,006	0,317
CHR3	13124058	CHR3:13124058	SSF x Near_LoA	-11,4144165	-0,026	0,308
CHR3	13133087	CHR3:13133087	SSF x Near_LoA	-9,87455632	-0,054	0,299
CHR3	13133221	CHR3:13133221	SSF x Near_LoA	-10,5061704	-0,017	0,304
CHR3	13138102	CHR3:13138102	SSF x Near_LoA	-5,97868092	-0,077	0,319
CHR3	13138112	CHR3:13138112	SSF x Near_LoA	-7,8671923	-0,110	0,300
CHR3	13138129	CHR3:13138129	SSF x Near_LoA	-8,03762634	0,023	0,313
CHR3	13138179	CHR3:13138179	SSF x Near_LoA	-10,6906958	0,009	0,299
CHR3	13138190	CHR3:13138190	SSF x Near_LoA	-9,99683634	-0,005	0,295
CHR3	13140251	CHR3:13140251	SSF x Near_LoA	-10,4370867	0,039	0,310
CHR3	13140253	CHR3:13140253	SSF x Near_LoA	-8,18015801	-0,092	0,294
CHR3	13140267	CHR3:13140267	SSF x Near_LoA	-6,1037636	-0,026	0,297
CHR3	13140268	CHR3:13140268	SSF x Near_LoA	-9,11757489	-0,049	0,294
CHR3	13153627	CHR3:13153627	SSF x Near_LoA	-8,11247027	-0,135	0,305
CHR3	13162191	CHR3:13162191	SSF x Near_LoA	-9,27008389	-0,036	0,300
CHR3	13162214	CHR3:13162214	SSF x Near_LoA	-9,38766884	-0,006	0,296
CHR3	13162277	CHR3:13162277	SSF x Near_LoA	-11,0844031	-0,011	0,309
CHR3	13162402	CHR3:13162402	SSF x Near_LoA	-9,70618206	-0,007	0,317
CHR3	13164336	CHR3:13164336	SSF x Near_LoA	-7,43204378	-0,007	0,307
CHR3	13164339	CHR3:13164339	SSF x Near_LoA	-9,80471566	-0,041	0,303
CHR3	13164344	CHR3:13164344	SSF x Near_LoA	-0,84943488	0,010	0,316
CHR3	13168264	CHR3:13168264	SSF x Near_LoA	-10,1864487	0,008	0,298
CHR3	13192004	CHR3:13192004	SSF x Near_LoA	-9,70288119	-0,059	0,286
CHR3	13192091	CHR3:13192091	SSF x Near_LoA	-10,9877101	-0,062	0,326
CHR3	13192133	CHR3:13192133	SSF x Near_LoA	-11,2781999	0,029	0,306
CHR3	13192141	CHR3:13192141	SSF x Near_LoA	-10,7684203	0,053	0,301
CHR3	13192149	CHR3:13192149	SSF x Near_LoA	-6,92557792	0,086	0,305
CHR3	13192227	CHR3:13192227	SSF x Near_LoA	-10,4673403	-0,059	0,323
CHR3	13192248	CHR3:13192248	SSF x Near_LoA	-4,0095373	0,047	0,326
CHR3	13207652	CHR3:13207652	SSF x Near_LoA	-10,5644481	-0,035	0,305
CHR3	13223293	CHR3:13223293	SSF x Near_LoA	-11,2518947	-0,041	0,319
CHR3	13248512	CHR3:13248512	SSF x Near_LoA	-11,0123455	-0,016	0,308
CHR3	13273165	CHR3:13273165	SSF x Near_LoA	-10,6709027	0,028	0,310
CHR3	13273252	CHR3:13273252	SSF x Near_LoA	-10,3309762	-0,011	0,307
CHR3	13273315	CHR3:13273315	SSF x Near_LoA	-10,412454	0,050	0,294
CHR3	13273321	CHR3:13273321	SSF x Near_LoA	-8,8726978	0,054	0,308
CHR3	13273359	CHR3:13273359	SSF x Near_LoA	-8,94597427	-0,013	0,315
CHR3	13273371	CHR3:13273371	SSF x Near_LoA	-9,32888032	-0,018	0,309
CHR3	13273477	CHR3:13273477	SSF x Near_LoA	-9,26364965	0,063	0,308
CHR3	13295903	CHR3:13295903	SSF x Near_LoA	-8,21802112	-0,014	0,311
CHR3	13295940	CHR3:13295940	SSF x Near_LoA	3,50344613	0,040	0,307
CHR3	13295950	CHR3:13295950	SSF x Near_LoA	-9,17130151	-0,040	0,307
CHR3	13323551	CHR3:13323551	SSF x Near_LoA	-10,3970842	-0,005	0,317
CHR3	13323554	CHR3:13323554	SSF x Near_LoA	-11,0179946	-0,001	0,321
CHR3	13331101	CHR3:13331101	SSF x Near_LoA	-8,48955071	-0,041	0,307
CHR3	13331195	CHR3:13331195	SSF x Near_LoA	-7,84315465	0,007	0,312
CHR3	13331200	CHR3:13331200	SSF x Near_LoA	-7,54374931	-0,002	0,314
CHR3	13331217	CHR3:13331217	SSF x Near_LoA	-10,5386276	0,010	0,303
CHR3	13331256	CHR3:13331256	SSF x Near_LoA	-9,03215565	0,035	0,299
CHR3	13335724	CHR3:13335724	SSF x Near_LoA	-9,97020983	0,090	0,304
CHR3	13338076	CHR3:13338076	SSF x Near_LoA	-8,65023103	0,108	0,298

CHR3	13338165	CHR3:13338165	SSF x Near_LoA	-8,86760302	0,081	0,310
CHR3	13338247	CHR3:13338247	SSF x Near_LoA	-9,73350492	0,078	0,294
CHR3	13338264	CHR3:13338264	SSF x Near_LoA	-9,67768066	0,100	0,302
CHR3	13340638	CHR3:13340638	SSF x Near_LoA	-8,34643194	-0,004	0,310
CHR3	13340643	CHR3:13340643	SSF x Near_LoA	-9,49437058	0,053	0,309
CHR3	13340675	CHR3:13340675	SSF x Near_LoA	-8,65001253	0,093	0,301
CHR3	13346150	CHR3:13346150	SSF x Near_LoA	-5,67973759	0,035	0,316
CHR3	13346165	CHR3:13346165	SSF x Near_LoA	-8,186017	-0,198	0,305
CHR3	13346167	CHR3:13346167	SSF x Near_LoA	-9,18779339	-0,021	0,314
CHR3	13346185	CHR3:13346185	SSF x Near_LoA	-9,42943048	0,040	0,304
CHR3	13346186	CHR3:13346186	SSF x Near_LoA	4,27655699	-0,012	0,324
CHR3	13346187	CHR3:13346187	SSF x Near_LoA	-8,91243114	-0,034	0,314
CHR3	13346208	CHR3:13346208	SSF x Near_LoA	-6,93268512	-0,078	0,308
CHR3	13346219	CHR3:13346219	SSF x Near_LoA	-8,1641804	0,024	0,306
CHR3	13346833	CHR3:13346833	SSF x Near_LoA	-6,13992782	0,039	0,305
CHR3	13346842	CHR3:13346842	SSF x Near_LoA	-9,23930266	0,049	0,307
CHR3	13346848	CHR3:13346848	SSF x Near_LoA	-5,77905063	0,055	0,301
CHR3	13357058	CHR3:13357058	SSF x Near_LoA	-10,5531986	-0,082	0,306
CHR3	13357068	CHR3:13357068	SSF x Near_LoA	-7,15949995	-0,083	0,314
CHR3	13357122	CHR3:13357122	SSF x Near_LoA	-10,8775753	0,072	0,299
CHR3	13357906	CHR3:13357906	SSF x Near_LoA	-9,65938944	-0,089	0,307
CHR3	13357983	CHR3:13357983	SSF x Near_LoA	-9,7897018	-0,143	0,305
CHR3	13359409	CHR3:13359409	SSF x Near_LoA	-9,02553024	0,071	0,302
CHR3	13366263	CHR3:13366263	SSF x Near_LoA	-9,13875916	0,025	0,306
CHR3	13366370	CHR3:13366370	SSF x Near_LoA	-11,3978353	0,026	0,318
CHR3	13366385	CHR3:13366385	SSF x Near_LoA	-9,27635373	0,095	0,307
CHR3	13402080	CHR3:13402080	SSF x Near_LoA	-8,94405206	-0,033	0,314
CHR3	13413478	CHR3:13413478	SSF x Near_LoA	-3,15661401	-0,065	0,329
CHR3	13416148	CHR3:13416148	SSF x Near_LoA	-6,88843198	0,004	0,311
CHR3	13416192	CHR3:13416192	SSF x Near_LoA	-10,6706227	0,058	0,296
CHR3	13416253	CHR3:13416253	SSF x Near_LoA	-10,8033786	0,051	0,320
CHR3	13416281	CHR3:13416281	SSF x Near_LoA	-10,0997504	0,082	0,310
CHR3	13416309	CHR3:13416309	SSF x Near_LoA	-5,6995349	-0,151	0,299
CHR3	13428510	CHR3:13428510	SSF x Near_LoA	-7,16335365	0,048	0,300
CHR3	13428511	CHR3:13428511	SSF x Near_LoA	-6,92992024	0,001	0,304
CHR3	13428569	CHR3:13428569	SSF x Near_LoA	-7,12095316	-0,051	0,319
CHR3	13428570	CHR3:13428570	SSF x Near_LoA	-8,83843092	0,009	0,312
CHR3	13428613	CHR3:13428613	SSF x Near_LoA	-11,0404961	0,041	0,300
CHR3	13428897	CHR3:13428897	SSF x Near_LoA	-8,73421583	-0,044	0,309
CHR3	13428917	CHR3:13428917	SSF x Near_LoA	-9,24567273	0,080	0,315
CHR3	13428973	CHR3:13428973	SSF x Near_LoA	-9,11068207	-0,020	0,310
CHR3	13432338	CHR3:13432338	SSF x Near_LoA	-8,42821514	-0,056	0,324
CHR3	13432394	CHR3:13432394	SSF x Near_LoA	-8,56955347	-0,124	0,310
CHR3	13432454	CHR3:13432454	SSF x Near_LoA	-9,05981514	-0,005	0,302
CHR3	13432492	CHR3:13432492	SSF x Near_LoA	-7,43561765	-0,011	0,313
CHR3	13432549	CHR3:13432549	SSF x Near_LoA	-9,41017807	0,074	0,302
CHR3	13432552	CHR3:13432552	SSF x Near_LoA	-8,42477385	0,011	0,322
CHR3	13433899	CHR3:13433899	SSF x Near_LoA	-7,1180328	-0,031	0,316
CHR3	13433950	CHR3:13433950	SSF x Near_LoA	-11,6062434	0,119	0,303
CHR3	1344743	CHR3:1344743	SSF x Near_LoA	-11,602688	-0,029	0,303
CHR3	1344768	CHR3:1344768	SSF x Near_LoA	-9,23321102	0,016	0,301
CHR3	13447742	CHR3:13447742	SSF x Near_LoA	-10,5948016	0,068	0,311
CHR3	13447761	CHR3:13447761	SSF x Near_LoA	-10,7320076	0,095	0,307

CHR3	13447795	CHR3:13447795	SSF x Near_LoA	-8,96578315	-0,080	0,306
CHR3	13447814	CHR3:13447814	SSF x Near_LoA	-10,508781	-0,079	0,306
CHR3	1344803	CHR3:1344803	SSF x Near_LoA	-9,99680185	-0,001	0,303
CHR3	13457597	CHR3:13457597	SSF x Near_LoA	-11,3470301	0,061	0,307
CHR3	13457665	CHR3:13457665	SSF x Near_LoA	-9,92777392	0,111	0,313
CHR3	13457743	CHR3:13457743	SSF x Near_LoA	-10,1527402	0,065	0,302
CHR3	13457910	CHR3:13457910	SSF x Near_LoA	-7,051326	-0,106	0,307
CHR3	13457914	CHR3:13457914	SSF x Near_LoA	-11,4605102	-0,032	0,310
CHR3	13457934	CHR3:13457934	SSF x Near_LoA	-9,95414915	-0,053	0,312
CHR3	13457951	CHR3:13457951	SSF x Near_LoA	-10,5998399	0,030	0,309
CHR3	13470161	CHR3:13470161	SSF x Near_LoA	-8,87600558	0,000	0,317
CHR3	13480819	CHR3:13480819	SSF x Near_LoA	-1,07582308	-0,084	0,305
CHR3	13481013	CHR3:13481013	SSF x Near_LoA	-10,1059888	-0,049	0,306
CHR3	13481017	CHR3:13481017	SSF x Near_LoA	-10,5755008	-0,008	0,311
CHR3	13481026	CHR3:13481026	SSF x Near_LoA	-7,5288454	-0,058	0,318
CHR3	13481078	CHR3:13481078	SSF x Near_LoA	-7,95585169	-0,075	0,308
CHR3	13483845	CHR3:13483845	SSF x Near_LoA	-6,38505342	0,099	0,302
CHR3	13483897	CHR3:13483897	SSF x Near_LoA	-8,21509612	-0,002	0,320
CHR3	13483906	CHR3:13483906	SSF x Near_LoA	-9,76130883	0,080	0,295
CHR3	13483907	CHR3:13483907	SSF x Near_LoA	-8,32987335	0,119	0,307
CHR3	13483940	CHR3:13483940	SSF x Near_LoA	-9,89749721	0,138	0,299
CHR3	13483994	CHR3:13483994	SSF x Near_LoA	-2,06836023	0,214	0,297
CHR3	13483998	CHR3:13483998	SSF x Near_LoA	-7,76109587	0,210	0,284
CHR3	13484020	CHR3:13484020	SSF x Near_LoA	-9,77520995	-0,099	0,316
CHR3	13487039	CHR3:13487039	SSF x Near_LoA	-10,2602092	0,097	0,286
CHR3	13487107	CHR3:13487107	SSF x Near_LoA	-9,57999305	-0,112	0,305
CHR3	13487142	CHR3:13487142	SSF x Near_LoA	-10,216548	-0,016	0,318
CHR3	13487186	CHR3:13487186	SSF x Near_LoA	-6,27661671	-0,007	0,325
CHR3	13487204	CHR3:13487204	SSF x Near_LoA	-10,7809165	-0,031	0,304
CHR3	13494297	CHR3:13494297	SSF x Near_LoA	-9,37077112	-0,077	0,307
CHR3	13494346	CHR3:13494346	SSF x Near_LoA	-7,57369978	-0,035	0,301
CHR3	13494415	CHR3:13494415	SSF x Near_LoA	-8,82777205	-0,043	0,295
CHR3	13505858	CHR3:13505858	SSF x Near_LoA	-8,65232274	-0,111	0,315
CHR3	13505926	CHR3:13505926	SSF x Near_LoA	-7,87739152	-0,088	0,297
CHR3	13505983	CHR3:13505983	SSF x Near_LoA	-9,93731535	0,064	0,300
CHR3	13505991	CHR3:13505991	SSF x Near_LoA	-4,28671115	-0,200	0,299
CHR3	13506006	CHR3:13506006	SSF x Near_LoA	-5,62627522	0,138	0,307
CHR3	13517255	CHR3:13517255	SSF x Near_LoA	-9,0485726	0,017	0,315
CHR3	13517310	CHR3:13517310	SSF x Near_LoA	-10,6934715	0,057	0,302
CHR3	13534261	CHR3:13534261	SSF x Near_LoA	-11,1553256	0,065	0,302
CHR3	13537385	CHR3:13537385	SSF x Near_LoA	-10,211774	-0,037	0,295
CHR3	13537419	CHR3:13537419	SSF x Near_LoA	-7,65841141	-0,019	0,320
CHR3	13537435	CHR3:13537435	SSF x Near_LoA	-10,0378468	0,036	0,294
CHR3	13537461	CHR3:13537461	SSF x Near_LoA	-8,60780621	-0,056	0,307
CHR3	13550865	CHR3:13550865	SSF x Near_LoA	-8,25755566	-0,010	0,315
CHR3	13553104	CHR3:13553104	SSF x Near_LoA	-9,82204271	0,033	0,313
CHR3	13567907	CHR3:13567907	SSF x Near_LoA	-8,71637207	0,037	0,307
CHR3	13568198	CHR3:13568198	SSF x Near_LoA	-11,0884563	0,029	0,303
CHR3	13570917	CHR3:13570917	SSF x Near_LoA	-11,7682609	0,051	0,302
CHR3	13576363	CHR3:13576363	SSF x Near_LoA	-8,16757019	-0,114	0,293
CHR3	13576366	CHR3:13576366	SSF x Near_LoA	-7,81938071	-0,147	0,284
CHR3	13586616	CHR3:13586616	SSF x Near_LoA	-10,7778768	0,013	0,305
CHR3	13586641	CHR3:13586641	SSF x Near_LoA	-7,02098224	0,117	0,299

CHR3	13586669	CHR3:13586669	SSF x Near_LoA	-2,58750077	0,109	0,307
CHR3	13586679	CHR3:13586679	SSF x Near_LoA	-8,63054146	0,060	0,306
CHR3	13586704	CHR3:13586704	SSF x Near_LoA	-8,85867792	0,042	0,299
CHR3	13586712	CHR3:13586712	SSF x Near_LoA	-8,17216955	0,084	0,295
CHR3	13588720	CHR3:13588720	SSF x Near_LoA	-11,3863023	0,078	0,306
CHR3	13599738	CHR3:13599738	SSF x Near_LoA	-6,26702421	-0,184	0,305
CHR3	13599772	CHR3:13599772	SSF x Near_LoA	-9,00138292	-0,115	0,301
CHR3	13599779	CHR3:13599779	SSF x Near_LoA	-7,70716974	0,133	0,314
CHR3	13599810	CHR3:13599810	SSF x Near_LoA	-8,54941598	-0,001	0,308
CHR3	13605399	CHR3:13605399	SSF x Near_LoA	-11,458826	0,000	0,299
CHR3	13605491	CHR3:13605491	SSF x Near_LoA	-5,84275271	-0,158	0,308
CHR3	13605499	CHR3:13605499	SSF x Near_LoA	-7,73558852	0,127	0,298
CHR3	13605701	CHR3:13605701	SSF x Near_LoA	-10,0097223	0,137	0,314
CHR3	13623730	CHR3:13623730	SSF x Near_LoA	0,72441942	0,132	0,304
CHR3	13623749	CHR3:13623749	SSF x Near_LoA	-9,82483825	0,036	0,320
CHR3	13623772	CHR3:13623772	SSF x Near_LoA	-9,06653607	-0,091	0,317
CHR3	13623808	CHR3:13623808	SSF x Near_LoA	-10,1968552	0,035	0,301
CHR3	13623829	CHR3:13623829	SSF x Near_LoA	-9,76809032	-0,060	0,305
CHR3	13623854	CHR3:13623854	SSF x Near_LoA	-5,47958349	-0,097	0,300
CHR3	13623856	CHR3:13623856	SSF x Near_LoA	-9,6279465	0,055	0,309
CHR3	13626187	CHR3:13626187	SSF x Near_LoA	-8,99457137	-0,024	0,299
CHR3	13626189	CHR3:13626189	SSF x Near_LoA	-6,72406709	-0,006	0,305
CHR3	13626264	CHR3:13626264	SSF x Near_LoA	-9,5719643	-0,096	0,309
CHR3	13626267	CHR3:13626267	SSF x Near_LoA	-10,2513718	-0,061	0,298
CHR3	13626272	CHR3:13626272	SSF x Near_LoA	-11,860763	-0,008	0,298
CHR3	13626407	CHR3:13626407	SSF x Near_LoA	-10,400126	-0,035	0,299
CHR3	13626417	CHR3:13626417	SSF x Near_LoA	-6,36465575	0,144	0,303
CHR3	13629366	CHR3:13629366	SSF x Near_LoA	-10,8037387	0,119	0,309
CHR3	13629416	CHR3:13629416	SSF x Near_LoA	-6,56700613	-0,148	0,304
CHR3	13629427	CHR3:13629427	SSF x Near_LoA	-8,97725289	-0,081	0,310
CHR3	13629443	CHR3:13629443	SSF x Near_LoA	-8,21129534	-0,092	0,316
CHR3	13629451	CHR3:13629451	SSF x Near_LoA	-9,05272823	-0,093	0,311
CHR3	13629542	CHR3:13629542	SSF x Near_LoA	-6,44679647	0,052	0,315
CHR3	13629582	CHR3:13629582	SSF x Near_LoA	-9,2063753	-0,009	0,313
CHR3	13629609	CHR3:13629609	SSF x Near_LoA	-6,87498577	-0,107	0,303
CHR3	13634152	CHR3:13634152	SSF x Near_LoA	-11,1294227	-0,019	0,317
CHR3	13634179	CHR3:13634179	SSF x Near_LoA	-10,745397	0,006	0,320
CHR3	13634229	CHR3:13634229	SSF x Near_LoA	-8,72635124	0,029	0,312
CHR3	13634240	CHR3:13634240	SSF x Near_LoA	-8,9892131	-0,094	0,313
CHR3	13634261	CHR3:13634261	SSF x Near_LoA	-8,79107587	0,114	0,310
CHR3	13652603	CHR3:13652603	SSF x Near_LoA	-7,37394255	-0,229	0,284
CHR3	13652655	CHR3:13652655	SSF x Near_LoA	-10,1712705	-0,020	0,296
CHR3	13652722	CHR3:13652722	SSF x Near_LoA	-7,29907643	0,193	0,299
CHR3	13652747	CHR3:13652747	SSF x Near_LoA	-10,1914421	0,011	0,307
CHR3	1365391	CHR3:1365391	SSF x Near_LoA	-0,64580187	-0,175	0,295
CHR3	1365492	CHR3:1365492	SSF x Near_LoA	-9,06027956	-0,129	0,313
CHR3	1365534	CHR3:1365534	SSF x Near_LoA	-9,38378805	0,018	0,309
CHR3	1365589	CHR3:1365589	SSF x Near_LoA	-9,52919917	-0,069	0,295
CHR3	1365657	CHR3:1365657	SSF x Near_LoA	-9,68859049	-0,091	0,330
CHR3	1365701	CHR3:1365701	SSF x Near_LoA	-8,37788615	0,138	0,293
CHR3	13659280	CHR3:13659280	SSF x Near_LoA	-11,2798838	0,012	0,313
CHR3	13659286	CHR3:13659286	SSF x Near_LoA	-11,0467501	0,003	0,298
CHR3	13659460	CHR3:13659460	SSF x Near_LoA	-11,3434954	0,017	0,298

CHR3	13659482	CHR3:13659482	SSF x Near_LoA	-8,28708969	0,004	0,309
CHR3	13659493	CHR3:13659493	SSF x Near_LoA	-9,39566821	0,055	0,297
CHR3	13659496	CHR3:13659496	SSF x Near_LoA	-8,30833767	-0,057	0,316
CHR3	13659497	CHR3:13659497	SSF x Near_LoA	-9,89218397	0,014	0,311
CHR3	13659516	CHR3:13659516	SSF x Near_LoA	-8,16236469	-0,080	0,295
CHR3	13659520	CHR3:13659520	SSF x Near_LoA	-10,0832657	0,020	0,305
CHR3	13659535	CHR3:13659535	SSF x Near_LoA	-9,04379092	0,074	0,308
CHR3	13659540	CHR3:13659540	SSF x Near_LoA	-9,22461169	0,047	0,304
CHR3	13659545	CHR3:13659545	SSF x Near_LoA	-9,52224439	0,042	0,305
CHR3	13662320	CHR3:13662320	SSF x Near_LoA	-6,28640982	-0,092	0,312
CHR3	13662581	CHR3:13662581	SSF x Near_LoA	-10,3492812	0,099	0,304
CHR3	1366612	CHR3:1366612	SSF x Near_LoA	-9,41744629	0,138	0,298
CHR3	13670525	CHR3:13670525	SSF x Near_LoA	-7,72691118	0,079	0,312
CHR3	13670535	CHR3:13670535	SSF x Near_LoA	-8,96016249	0,068	0,299
CHR3	13670682	CHR3:13670682	SSF x Near_LoA	-8,17136923	0,084	0,305
CHR3	13670715	CHR3:13670715	SSF x Near_LoA	-7,76236006	-0,100	0,274
CHR3	13670734	CHR3:13670734	SSF x Near_LoA	-4,86556363	-0,155	0,318
CHR3	13680669	CHR3:13680669	SSF x Near_LoA	-3,6613536	-0,078	0,309
CHR3	13684940	CHR3:13684940	SSF x Near_LoA	-7,33882462	-0,015	0,322
CHR3	13684946	CHR3:13684946	SSF x Near_LoA	-5,99966982	-0,038	0,303
CHR3	13684976	CHR3:13684976	SSF x Near_LoA	-10,45946	0,033	0,286
CHR3	1368649	CHR3:1368649	SSF x Near_LoA	-10,3925827	-0,028	0,310
CHR3	13686940	CHR3:13686940	SSF x Near_LoA	-8,01297455	-0,098	0,299
CHR3	13688740	CHR3:13688740	SSF x Near_LoA	-11,0686827	0,032	0,314
CHR3	13688800	CHR3:13688800	SSF x Near_LoA	-10,4610688	0,056	0,300
CHR3	13699364	CHR3:13699364	SSF x Near_LoA	-10,9324661	0,081	0,303
CHR3	13716804	CHR3:13716804	SSF x Near_LoA	-9,31438668	0,043	0,308
CHR3	13722193	CHR3:13722193	SSF x Near_LoA	-7,28577011	0,071	0,293
CHR3	13722250	CHR3:13722250	SSF x Near_LoA	-7,73219175	0,137	0,307
CHR3	13722341	CHR3:13722341	SSF x Near_LoA	-8,16023661	0,099	0,294
CHR3	13722437	CHR3:13722437	SSF x Near_LoA	-10,8763947	0,041	0,297
CHR3	13725416	CHR3:13725416	SSF x Near_LoA	-10,9672392	0,004	0,300
CHR3	13725421	CHR3:13725421	SSF x Near_LoA	-11,5400483	-0,017	0,299
CHR3	13725458	CHR3:13725458	SSF x Near_LoA	-9,05270293	0,092	0,295
CHR3	13725465	CHR3:13725465	SSF x Near_LoA	-9,04697283	0,015	0,301
CHR3	13725470	CHR3:13725470	SSF x Near_LoA	-8,87870389	-0,052	0,311
CHR3	13725501	CHR3:13725501	SSF x Near_LoA	-8,22273422	-0,038	0,317
CHR3	13725524	CHR3:13725524	SSF x Near_LoA	-10,5927001	-0,031	0,321
CHR3	13725586	CHR3:13725586	SSF x Near_LoA	0,03752017	-0,071	0,312
CHR3	13725594	CHR3:13725594	SSF x Near_LoA	-9,26794182	-0,015	0,315
CHR3	13725609	CHR3:13725609	SSF x Near_LoA	-9,07824491	-0,044	0,319
CHR3	13725627	CHR3:13725627	SSF x Near_LoA	-8,46893811	-0,063	0,317
CHR3	13725628	CHR3:13725628	SSF x Near_LoA	-9,53838521	-0,184	0,289
CHR3	13756200	CHR3:13756200	SSF x Near_LoA	-8,42359036	-0,051	0,302
CHR3	13756310	CHR3:13756310	SSF x Near_LoA	-7,82648765	-0,028	0,326
CHR3	13756355	CHR3:13756355	SSF x Near_LoA	-8,62997262	-0,098	0,312
CHR3	13756391	CHR3:13756391	SSF x Near_LoA	-9,57323446	0,005	0,297
CHR3	13763753	CHR3:13763753	SSF x Near_LoA	-10,5890788	0,017	0,300
CHR3	13772916	CHR3:13772916	SSF x Near_LoA	-8,62331441	-0,003	0,303
CHR3	13772931	CHR3:13772931	SSF x Near_LoA	-10,0720561	-0,112	0,316
CHR3	13772934	CHR3:13772934	SSF x Near_LoA	-8,05347203	0,128	0,312
CHR3	13772948	CHR3:13772948	SSF x Near_LoA	-3,52961763	-0,144	0,291
CHR3	13772965	CHR3:13772965	SSF x Near_LoA	-12,0329594	-0,011	0,311

CHR3	13772996	CHR3:13772996	SSF x Near_LoA	-11,0261537	-0,116	0,307
CHR3	13773001	CHR3:13773001	SSF x Near_LoA	-9,73903352	-0,050	0,300
CHR3	13773006	CHR3:13773006	SSF x Near_LoA	-8,93442618	-0,035	0,303
CHR3	13774347	CHR3:13774347	SSF x Near_LoA	-7,88480345	-0,064	0,317
CHR3	13774368	CHR3:13774368	SSF x Near_LoA	-9,57478891	-0,008	0,323
CHR3	13774375	CHR3:13774375	SSF x Near_LoA	-7,47679692	0,049	0,305
CHR3	13774408	CHR3:13774408	SSF x Near_LoA	-4,73535371	-0,040	0,293
CHR3	13774431	CHR3:13774431	SSF x Near_LoA	-8,53930584	-0,057	0,304
CHR3	13774476	CHR3:13774476	SSF x Near_LoA	-11,5686735	-0,028	0,299
CHR3	13778488	CHR3:13778488	SSF x Near_LoA	-10,1327992	0,025	0,302
CHR3	13778494	CHR3:13778494	SSF x Near_LoA	-11,3891692	0,026	0,301
CHR3	13778498	CHR3:13778498	SSF x Near_LoA	-11,194438	-0,037	0,307
CHR3	13778502	CHR3:13778502	SSF x Near_LoA	-7,02219308	0,100	0,301
CHR3	13778598	CHR3:13778598	SSF x Near_LoA	-9,81423338	-0,040	0,316
CHR3	13778679	CHR3:13778679	SSF x Near_LoA	-9,25389592	-0,010	0,314
CHR3	13781747	CHR3:13781747	SSF x Near_LoA	-11,5807318	0,018	0,302
CHR3	13781827	CHR3:13781827	SSF x Near_LoA	-10,7460616	0,054	0,305
CHR3	13786018	CHR3:13786018	SSF x Near_LoA	-9,66553353	0,008	0,313
CHR3	13786880	CHR3:13786880	SSF x Near_LoA	-9,82223609	-0,044	0,305
CHR3	13786898	CHR3:13786898	SSF x Near_LoA	-9,29925229	-0,019	0,309
CHR3	13786928	CHR3:13786928	SSF x Near_LoA	-8,22394366	-0,066	0,310
CHR3	13786978	CHR3:13786978	SSF x Near_LoA	-7,70497524	0,112	0,300
CHR3	13796341	CHR3:13796341	SSF x Near_LoA	-8,84806803	-0,049	0,309
CHR3	13805621	CHR3:13805621	SSF x Near_LoA	-10,0625635	0,019	0,307
CHR3	13808444	CHR3:13808444	SSF x Near_LoA	-8,95285889	-0,076	0,288
CHR3	13808446	CHR3:13808446	SSF x Near_LoA	-7,50193355	-0,058	0,295
CHR3	13808450	CHR3:13808450	SSF x Near_LoA	-7,77910034	-0,092	0,292
CHR3	13808452	CHR3:13808452	SSF x Near_LoA	-7,05554426	-0,054	0,310
CHR3	13808467	CHR3:13808467	SSF x Near_LoA	-8,27972139	-0,045	0,309
CHR3	13808487	CHR3:13808487	SSF x Near_LoA	-8,70782481	-0,046	0,300
CHR3	13808527	CHR3:13808527	SSF x Near_LoA	-10,5705908	0,042	0,314
CHR3	13821450	CHR3:13821450	SSF x Near_LoA	-8,47287567	-0,082	0,297
CHR3	13821472	CHR3:13821472	SSF x Near_LoA	-6,77631619	0,113	0,304
CHR3	13821477	CHR3:13821477	SSF x Near_LoA	-9,91189141	0,051	0,325
CHR3	13821497	CHR3:13821497	SSF x Near_LoA	-10,9169124	-0,031	0,309
CHR3	13821559	CHR3:13821559	SSF x Near_LoA	-8,83795425	0,066	0,321
CHR3	13824854	CHR3:13824854	SSF x Near_LoA	-12,4775416	-0,017	0,297
CHR3	13824937	CHR3:13824937	SSF x Near_LoA	-9,14233646	-0,047	0,313
CHR3	13824940	CHR3:13824940	SSF x Near_LoA	-9,31263125	-0,042	0,292
CHR3	13831712	CHR3:13831712	SSF x Near_LoA	-11,4518223	-0,004	0,302
CHR3	13831759	CHR3:13831759	SSF x Near_LoA	-9,20312059	-0,106	0,307
CHR3	13831804	CHR3:13831804	SSF x Near_LoA	-6,71403785	0,024	0,303
CHR3	13831829	CHR3:13831829	SSF x Near_LoA	-8,18044792	-0,123	0,292
CHR3	13831884	CHR3:13831884	SSF x Near_LoA	-9,86372097	-0,149	0,312
CHR3	13831894	CHR3:13831894	SSF x Near_LoA	-7,98604772	-0,117	0,312
CHR3	13832020	CHR3:13832020	SSF x Near_LoA	-9,3189124	0,110	0,297
CHR3	13840009	CHR3:13840009	SSF x Near_LoA	-7,43666107	0,168	0,305
CHR3	13848471	CHR3:13848471	SSF x Near_LoA	-7,11461221	0,048	0,305
CHR3	13850676	CHR3:13850676	SSF x Near_LoA	-9,44809275	-0,035	0,310
CHR3	13850682	CHR3:13850682	SSF x Near_LoA	-10,2764634	-0,046	0,321
CHR3	13850745	CHR3:13850745	SSF x Near_LoA	-9,04947762	0,136	0,295
CHR3	13860325	CHR3:13860325	SSF x Near_LoA	-11,1156226	-0,121	0,295
CHR3	13860366	CHR3:13860366	SSF x Near_LoA	-10,9939495	0,025	0,308

CHR3	13860398	CHR3:13860398	SSF x Near_LoA	-6,7961353	-0,158	0,298
CHR3	13864015	CHR3:13864015	SSF x Near_LoA	-8,9278375	-0,131	0,298
CHR3	13864016	CHR3:13864016	SSF x Near_LoA	-6,69100888	-0,070	0,310
CHR3	13864019	CHR3:13864019	SSF x Near_LoA	-7,19428372	-0,113	0,308
CHR3	13864044	CHR3:13864044	SSF x Near_LoA	-9,80422665	0,046	0,310
CHR3	13864079	CHR3:13864079	SSF x Near_LoA	-11,4930383	0,028	0,304
CHR3	13864081	CHR3:13864081	SSF x Near_LoA	-9,13003085	-0,097	0,296
CHR3	13864124	CHR3:13864124	SSF x Near_LoA	-11,0833624	0,009	0,313
CHR3	13864204	CHR3:13864204	SSF x Near_LoA	-9,13314606	-0,027	0,323
CHR3	13864264	CHR3:13864264	SSF x Near_LoA	-7,13687825	0,148	0,300
CHR3	13865562	CHR3:13865562	SSF x Near_LoA	-8,47730972	-0,105	0,298
CHR3	13865587	CHR3:13865587	SSF x Near_LoA	-8,65307566	0,062	0,318
CHR3	13865595	CHR3:13865595	SSF x Near_LoA	-8,44732801	-0,028	0,309
CHR3	13871137	CHR3:13871137	SSF x Near_LoA	-10,4117751	0,056	0,315
CHR3	1389719	CHR3:1389719	SSF x Near_LoA	-8,49956683	-0,009	0,303
CHR3	13907447	CHR3:13907447	SSF x Near_LoA	-9,73533714	-0,015	0,307
CHR3	13908695	CHR3:13908695	SSF x Near_LoA	-6,71620825	-0,124	0,306
CHR3	13908802	CHR3:13908802	SSF x Near_LoA	-9,36425088	-0,016	0,289
CHR3	13910766	CHR3:13910766	SSF x Near_LoA	-9,46526875	-0,108	0,294
CHR3	13910809	CHR3:13910809	SSF x Near_LoA	-11,5117	0,036	0,306
CHR3	13910859	CHR3:13910859	SSF x Near_LoA	-11,4396192	0,043	0,313
CHR3	13911821	CHR3:13911821	SSF x Near_LoA	-11,0272938	-0,050	0,308
CHR3	13917560	CHR3:13917560	SSF x Near_LoA	-9,09246815	-0,107	0,299
CHR3	13917565	CHR3:13917565	SSF x Near_LoA	-8,61927545	-0,118	0,301
CHR3	13917570	CHR3:13917570	SSF x Near_LoA	-6,62323395	0,145	0,298
CHR3	13917578	CHR3:13917578	SSF x Near_LoA	-5,32068647	0,139	0,295
CHR3	13917706	CHR3:13917706	SSF x Near_LoA	-7,25036337	0,159	0,307
CHR3	1393004	CHR3:1393004	SSF x Near_LoA	-9,57904592	0,030	0,304
CHR3	1393241	CHR3:1393241	SSF x Near_LoA	-9,8927016	0,078	0,308
CHR3	13937528	CHR3:13937528	SSF x Near_LoA	-7,64311425	-0,103	0,323
CHR3	13938710	CHR3:13938710	SSF x Near_LoA	-8,37803194	-0,058	0,297
CHR3	13938724	CHR3:13938724	SSF x Near_LoA	-9,93410588	-0,036	0,293
CHR3	13938727	CHR3:13938727	SSF x Near_LoA	-10,6327501	0,068	0,302
CHR3	13938748	CHR3:13938748	SSF x Near_LoA	-8,06419526	-0,068	0,303
CHR3	13952030	CHR3:13952030	SSF x Near_LoA	-8,52757132	-0,027	0,298
CHR3	13952034	CHR3:13952034	SSF x Near_LoA	-9,22769291	-0,024	0,305
CHR3	13952121	CHR3:13952121	SSF x Near_LoA	-3,26481665	0,071	0,300
CHR3	13952867	CHR3:13952867	SSF x Near_LoA	-8,22934308	-0,027	0,305
CHR3	1395837	CHR3:1395837	SSF x Near_LoA	-8,20594093	-0,029	0,306
CHR3	1395848	CHR3:1395848	SSF x Near_LoA	-9,15643074	-0,137	0,311
CHR3	1395912	CHR3:1395912	SSF x Near_LoA	-11,9739826	-0,003	0,296
CHR3	13959329	CHR3:13959329	SSF x Near_LoA	-9,39564693	0,123	0,297
CHR3	13959521	CHR3:13959521	SSF x Near_LoA	-8,61803262	-0,110	0,308
CHR3	13959563	CHR3:13959563	SSF x Near_LoA	-11,4597397	0,018	0,309
CHR3	13959579	CHR3:13959579	SSF x Near_LoA	-8,66515121	-0,080	0,306
CHR3	13962747	CHR3:13962747	SSF x Near_LoA	-7,3572103	0,161	0,301
CHR3	13962910	CHR3:13962910	SSF x Near_LoA	-10,2867016	-0,017	0,319
CHR3	13962951	CHR3:13962951	SSF x Near_LoA	-9,34060506	0,001	0,313
CHR3	13964826	CHR3:13964826	SSF x Near_LoA	-2,46947195	-0,131	0,298
CHR3	13964978	CHR3:13964978	SSF x Near_LoA	-7,81057723	-0,018	0,330
CHR3	13968664	CHR3:13968664	SSF x Near_LoA	-9,12939815	0,005	0,303
CHR3	13968669	CHR3:13968669	SSF x Near_LoA	-9,70314135	0,006	0,308
CHR3	13968766	CHR3:13968766	SSF x Near_LoA	-7,79283548	-0,009	0,311

CHR3	13971204	CHR3:13971204	SSF x Near_LoA	-10,1998839	0,059	0,306
CHR3	13987743	CHR3:13987743	SSF x Near_LoA	-5,40134574	-0,018	0,297
CHR3	13987818	CHR3:13987818	SSF x Near_LoA	-8,96577692	-0,096	0,313
CHR3	13987840	CHR3:13987840	SSF x Near_LoA	-5,38020048	-0,114	0,314
CHR3	13987842	CHR3:13987842	SSF x Near_LoA	-1,68520578	-0,066	0,320
CHR3	13987959	CHR3:13987959	SSF x Near_LoA	-6,43600296	0,041	0,307
CHR3	13987974	CHR3:13987974	SSF x Near_LoA	-9,52634477	-0,010	0,295
CHR3	13987981	CHR3:13987981	SSF x Near_LoA	-9,62400992	-0,018	0,301
CHR3	13987986	CHR3:13987986	SSF x Near_LoA	-9,47674326	0,061	0,300
CHR3	13988001	CHR3:13988001	SSF x Near_LoA	-10,663946	0,038	0,308
CHR3	13988032	CHR3:13988032	SSF x Near_LoA	-11,1472536	0,093	0,300
CHR3	13991521	CHR3:13991521	SSF x Near_LoA	-11,2927526	-0,033	0,304
CHR3	13991791	CHR3:13991791	SSF x Near_LoA	-9,95921377	-0,007	0,297
CHR3	13997847	CHR3:13997847	SSF x Near_LoA	-8,24421691	-0,063	0,308
CHR3	13997938	CHR3:13997938	SSF x Near_LoA	-11,753266	0,035	0,299
CHR3	14005328	CHR3:14005328	SSF x Near_LoA	-9,91327351	-0,048	0,306
CHR3	14005386	CHR3:14005386	SSF x Near_LoA	-8,86295362	0,037	0,309
CHR3	14005403	CHR3:14005403	SSF x Near_LoA	-8,68338029	-0,078	0,308
CHR3	14006360	CHR3:14006360	SSF x Near_LoA	-8,16020689	-0,036	0,295
CHR3	14006461	CHR3:14006461	SSF x Near_LoA	-9,31008838	-0,023	0,302
CHR3	14006468	CHR3:14006468	SSF x Near_LoA	-9,78841812	-0,023	0,300
CHR3	14020870	CHR3:14020870	SSF x Near_LoA	-8,2216816	0,001	0,314
CHR3	14020943	CHR3:14020943	SSF x Near_LoA	-9,68128919	0,049	0,300
CHR3	14020954	CHR3:14020954	SSF x Near_LoA	-8,76508344	0,062	0,310
CHR3	14021081	CHR3:14021081	SSF x Near_LoA	-9,02605916	0,050	0,316
CHR3	14025565	CHR3:14025565	SSF x Near_LoA	-9,25700157	-0,087	0,320
CHR3	14025659	CHR3:14025659	SSF x Near_LoA	-10,5373468	0,052	0,314
CHR3	14028459	CHR3:14028459	SSF x Near_LoA	-8,76571281	-0,045	0,291
CHR3	14028515	CHR3:14028515	SSF x Near_LoA	-5,12266233	-0,016	0,322
CHR3	14028538	CHR3:14028538	SSF x Near_LoA	-7,47550344	-0,026	0,326
CHR3	14028562	CHR3:14028562	SSF x Near_LoA	-8,78041973	-0,045	0,309
CHR3	14028566	CHR3:14028566	SSF x Near_LoA	-8,77295196	-0,038	0,316
CHR3	14028593	CHR3:14028593	SSF x Near_LoA	-8,05185714	-0,055	0,301
CHR3	14042282	CHR3:14042282	SSF x Near_LoA	-3,26438419	-0,125	0,303
CHR3	14042287	CHR3:14042287	SSF x Near_LoA	-8,01170354	-0,040	0,307
CHR3	14042352	CHR3:14042352	SSF x Near_LoA	-6,0625062	0,012	0,313
CHR3	14042355	CHR3:14042355	SSF x Near_LoA	-10,0535041	-0,100	0,307
CHR3	14042364	CHR3:14042364	SSF x Near_LoA	-10,24178	-0,007	0,299
CHR3	14042382	CHR3:14042382	SSF x Near_LoA	-6,80681689	-0,152	0,294
CHR3	14042392	CHR3:14042392	SSF x Near_LoA	-8,58911613	-0,161	0,301
CHR3	14049721	CHR3:14049721	SSF x Near_LoA	-9,51687653	0,091	0,312
CHR3	14050131	CHR3:14050131	SSF x Near_LoA	-7,54337793	-0,084	0,319
CHR3	14050144	CHR3:14050144	SSF x Near_LoA	-6,20556674	-0,090	0,325
CHR3	14050146	CHR3:14050146	SSF x Near_LoA	-9,24267597	-0,025	0,314
CHR3	14051338	CHR3:14051338	SSF x Near_LoA	-10,4198613	-0,079	0,309
CHR3	14061750	CHR3:14061750	SSF x Near_LoA	-7,87381395	-0,028	0,314
CHR3	14065092	CHR3:14065092	SSF x Near_LoA	-10,3430912	0,069	0,294
CHR3	14065155	CHR3:14065155	SSF x Near_LoA	-11,6804827	0,032	0,314
CHR3	14067705	CHR3:14067705	SSF x Near_LoA	-9,5422601	0,032	0,321
CHR3	14067725	CHR3:14067725	SSF x Near_LoA	-9,59789335	0,051	0,312
CHR3	14067771	CHR3:14067771	SSF x Near_LoA	-5,0012596	-0,014	0,318
CHR3	14067817	CHR3:14067817	SSF x Near_LoA	-6,37684258	-0,082	0,311
CHR3	14067824	CHR3:14067824	SSF x Near_LoA	-1,1171397	0,006	0,308

CHR3	1407231	CHR3:1407231	SSF x Near_LoA	-9,36034835	-0,081	0,309
CHR3	1408014	CHR3:1408014	SSF x Near_LoA	-9,76168502	-0,048	0,304
CHR3	14080893	CHR3:14080893	SSF x Near_LoA	-6,00611637	-0,156	0,300
CHR3	14080926	CHR3:14080926	SSF x Near_LoA	-8,52448351	0,096	0,310
CHR3	14080970	CHR3:14080970	SSF x Near_LoA	-10,266251	-0,010	0,313
CHR3	14080977	CHR3:14080977	SSF x Near_LoA	-5,48882731	-0,078	0,321
CHR3	1408102	CHR3:1408102	SSF x Near_LoA	-10,9136009	0,011	0,309
CHR3	1408112	CHR3:1408112	SSF x Near_LoA	-9,2387277	0,077	0,300
CHR3	14086287	CHR3:14086287	SSF x Near_LoA	-8,77812943	-0,118	0,301
CHR3	14086375	CHR3:14086375	SSF x Near_LoA	-8,6276158	-0,094	0,306
CHR3	14086399	CHR3:14086399	SSF x Near_LoA	-10,5934351	0,124	0,293
CHR3	14086485	CHR3:14086485	SSF x Near_LoA	-11,5057074	0,098	0,285
CHR3	14086493	CHR3:14086493	SSF x Near_LoA	-9,36675884	0,045	0,292
CHR3	14086504	CHR3:14086504	SSF x Near_LoA	-8,30407439	-0,133	0,297
CHR3	14088901	CHR3:14088901	SSF x Near_LoA	-9,80184107	0,018	0,298
CHR3	14088916	CHR3:14088916	SSF x Near_LoA	-8,12579465	0,116	0,301
CHR3	14088934	CHR3:14088934	SSF x Near_LoA	-12,0086559	0,001	0,300
CHR3	14089623	CHR3:14089623	SSF x Near_LoA	-10,1580395	-0,031	0,312
CHR3	14095991	CHR3:14095991	SSF x Near_LoA	-10,885943	0,077	0,308
CHR3	14097005	CHR3:14097005	SSF x Near_LoA	-6,2405809	0,096	0,303
CHR3	14097836	CHR3:14097836	SSF x Near_LoA	-9,09774349	-0,055	0,294
CHR3	14097889	CHR3:14097889	SSF x Near_LoA	-7,8166555	-0,044	0,315
CHR3	14102707	CHR3:14102707	SSF x Near_LoA	-11,0886838	0,013	0,300
CHR3	14119760	CHR3:14119760	SSF x Near_LoA	-9,74350467	0,031	0,300
CHR3	14119787	CHR3:14119787	SSF x Near_LoA	-9,24337227	0,024	0,302
CHR3	14119818	CHR3:14119818	SSF x Near_LoA	-10,4066612	0,026	0,317
CHR3	14119835	CHR3:14119835	SSF x Near_LoA	-8,83661636	0,093	0,288
CHR3	14119849	CHR3:14119849	SSF x Near_LoA	-5,52890116	-0,101	0,300
CHR3	14127156	CHR3:14127156	SSF x Near_LoA	-5,54697107	-0,013	0,312
CHR3	14127249	CHR3:14127249	SSF x Near_LoA	-9,64103848	-0,015	0,299
CHR3	14127280	CHR3:14127280	SSF x Near_LoA	-7,87075243	-0,119	0,293
CHR3	14127321	CHR3:14127321	SSF x Near_LoA	-11,5691541	-0,050	0,300
CHR3	14127336	CHR3:14127336	SSF x Near_LoA	-10,391564	-0,048	0,292
CHR3	14127377	CHR3:14127377	SSF x Near_LoA	-9,24915841	-0,008	0,305
CHR3	14127378	CHR3:14127378	SSF x Near_LoA	-9,19328947	0,072	0,306
CHR3	14127397	CHR3:14127397	SSF x Near_LoA	-8,76189243	0,077	0,314
CHR3	14128807	CHR3:14128807	SSF x Near_LoA	-8,59924286	-0,027	0,289
CHR3	14128868	CHR3:14128868	SSF x Near_LoA	-8,27842367	-0,036	0,300
CHR3	14128893	CHR3:14128893	SSF x Near_LoA	-7,6712524	0,200	0,290
CHR3	14128897	CHR3:14128897	SSF x Near_LoA	-6,73574491	-0,029	0,306
CHR3	14128966	CHR3:14128966	SSF x Near_LoA	-8,87583253	0,056	0,303
CHR3	14128975	CHR3:14128975	SSF x Near_LoA	-8,54127039	0,115	0,313
CHR3	14135523	CHR3:14135523	SSF x Near_LoA	3,57355357	-0,077	0,301
CHR3	14135668	CHR3:14135668	SSF x Near_LoA	-7,95437427	0,107	0,304
CHR3	14138400	CHR3:14138400	SSF x Near_LoA	-9,65800163	-0,038	0,302
CHR3	14138529	CHR3:14138529	SSF x Near_LoA	-9,35640389	0,002	0,310
CHR3	14140198	CHR3:14140198	SSF x Near_LoA	-8,34849436	0,005	0,307
CHR3	14146369	CHR3:14146369	SSF x Near_LoA	-9,60984312	-0,052	0,300
CHR3	14146422	CHR3:14146422	SSF x Near_LoA	-8,7203079	0,039	0,304
CHR3	14146447	CHR3:14146447	SSF x Near_LoA	-9,43300449	0,045	0,298
CHR3	14148013	CHR3:14148013	SSF x Near_LoA	-10,3561624	0,054	0,308
CHR3	14148018	CHR3:14148018	SSF x Near_LoA	-9,16069527	0,135	0,302
CHR3	14166230	CHR3:14166230	SSF x Near_LoA	-9,07968153	-0,029	0,309

CHR3	14166263	CHR3:14166263	SSF x Near_LoA	-10,4906111	0,068	0,304
CHR3	14166304	CHR3:14166304	SSF x Near_LoA	-9,89393167	0,094	0,311
CHR3	14166337	CHR3:14166337	SSF x Near_LoA	-8,43319942	-0,022	0,319
CHR3	14166427	CHR3:14166427	SSF x Near_LoA	-6,60291063	-0,090	0,322
CHR3	14169663	CHR3:14169663	SSF x Near_LoA	-11,3520842	-0,007	0,302
CHR3	14174731	CHR3:14174731	SSF x Near_LoA	-8,01575305	-0,041	0,312
CHR3	14174809	CHR3:14174809	SSF x Near_LoA	-9,5918798	-0,001	0,312
CHR3	14174850	CHR3:14174850	SSF x Near_LoA	-10,3012155	0,086	0,306
CHR3	14174882	CHR3:14174882	SSF x Near_LoA	-4,75027696	0,015	0,311
CHR3	14174915	CHR3:14174915	SSF x Near_LoA	-11,096024	0,012	0,295
CHR3	14179742	CHR3:14179742	SSF x Near_LoA	-8,77421463	-0,066	0,312
CHR3	14179800	CHR3:14179800	SSF x Near_LoA	-12,3026539	-0,032	0,307
CHR3	14179833	CHR3:14179833	SSF x Near_LoA	-8,46063467	-0,189	0,304
CHR3	14179842	CHR3:14179842	SSF x Near_LoA	-10,6834189	-0,023	0,311
CHR3	14179909	CHR3:14179909	SSF x Near_LoA	-9,53850308	-0,083	0,298
CHR3	14179914	CHR3:14179914	SSF x Near_LoA	-11,4764331	-0,011	0,309
CHR3	14179982	CHR3:14179982	SSF x Near_LoA	-12,2942926	0,024	0,305
CHR3	14184627	CHR3:14184627	SSF x Near_LoA	-9,72543156	-0,022	0,325
CHR3	14184713	CHR3:14184713	SSF x Near_LoA	-9,31669452	-0,089	0,288
CHR3	14184725	CHR3:14184725	SSF x Near_LoA	-9,89182527	-0,039	0,285
CHR3	14184787	CHR3:14184787	SSF x Near_LoA	-7,36169105	0,070	0,305
CHR3	14187237	CHR3:14187237	SSF x Near_LoA	-10,2080194	0,100	0,303
CHR3	14187397	CHR3:14187397	SSF x Near_LoA	-11,4146095	-0,079	0,298
CHR3	14199024	CHR3:14199024	SSF x Near_LoA	-9,10875517	0,011	0,282
CHR3	14199037	CHR3:14199037	SSF x Near_LoA	-10,0220094	0,037	0,290
CHR3	14199045	CHR3:14199045	SSF x Near_LoA	-6,04840669	0,019	0,295
CHR3	14199058	CHR3:14199058	SSF x Near_LoA	-10,5558364	0,025	0,290
CHR3	14199061	CHR3:14199061	SSF x Near_LoA	-10,6587234	0,018	0,292
CHR3	14199139	CHR3:14199139	SSF x Near_LoA	-10,3625133	-0,045	0,290
CHR3	14199141	CHR3:14199141	SSF x Near_LoA	-10,1059995	-0,015	0,306
CHR3	14199142	CHR3:14199142	SSF x Near_LoA	-10,4480424	-0,011	0,304
CHR3	14201695	CHR3:14201695	SSF x Near_LoA	-8,38964726	0,021	0,313
CHR3	14214395	CHR3:14214395	SSF x Near_LoA	-11,2432186	-0,014	0,305
CHR3	14214397	CHR3:14214397	SSF x Near_LoA	-8,40284155	0,085	0,315
CHR3	1422471	CHR3:1422471	SSF x Near_LoA	-7,92986724	0,033	0,310
CHR3	1422491	CHR3:1422491	SSF x Near_LoA	-10,0549264	-0,106	0,305
CHR3	1422538	CHR3:1422538	SSF x Near_LoA	-10,095163	-0,066	0,311
CHR3	1422635	CHR3:1422635	SSF x Near_LoA	-8,07790184	-0,063	0,322
CHR3	14241558	CHR3:14241558	SSF x Near_LoA	-9,33048687	0,116	0,320
CHR3	1424530	CHR3:1424530	SSF x Near_LoA	-4,24716664	0,049	0,318
CHR3	1424531	CHR3:1424531	SSF x Near_LoA	-7,0040541	-0,010	0,312
CHR3	1424607	CHR3:1424607	SSF x Near_LoA	-12,8100822	0,004	0,308
CHR3	14249553	CHR3:14249553	SSF x Near_LoA	-5,10325024	-0,091	0,325
CHR3	14249702	CHR3:14249702	SSF x Near_LoA	-9,82063737	-0,079	0,311
CHR3	14254788	CHR3:14254788	SSF x Near_LoA	-10,690385	-0,030	0,307
CHR3	14254923	CHR3:14254923	SSF x Near_LoA	-10,5839965	0,081	0,301
CHR3	14262493	CHR3:14262493	SSF x Near_LoA	-8,58753708	0,026	0,302
CHR3	14272392	CHR3:14272392	SSF x Near_LoA	-11,3306644	0,031	0,308
CHR3	14302378	CHR3:14302378	SSF x Near_LoA	-6,52090069	-0,085	0,314
CHR3	14327035	CHR3:14327035	SSF x Near_LoA	-0,51873573	-0,152	0,298
CHR3	14332842	CHR3:14332842	SSF x Near_LoA	-8,68357402	0,087	0,310
CHR3	1434409	CHR3:1434409	SSF x Near_LoA	-10,8823942	-0,077	0,304
CHR3	14351980	CHR3:14351980	SSF x Near_LoA	-9,51845453	0,049	0,312

CHR3	14352069	CHR3:14352069	SSF x Near_LoA	-9,01663247	0,067	0,293
CHR3	1436726	CHR3:1436726	SSF x Near_LoA	-8,20021254	0,118	0,303
CHR3	1436737	CHR3:1436737	SSF x Near_LoA	-11,2324003	-0,017	0,312
CHR3	14400099	CHR3:14400099	SSF x Near_LoA	-9,58937261	0,040	0,300
CHR3	14400108	CHR3:14400108	SSF x Near_LoA	-9,60612947	0,034	0,305
CHR3	14400129	CHR3:14400129	SSF x Near_LoA	-7,4170953	0,114	0,313
CHR3	14400149	CHR3:14400149	SSF x Near_LoA	-11,6274408	0,071	0,299
CHR3	14400161	CHR3:14400161	SSF x Near_LoA	-10,6858056	-0,051	0,306
CHR3	14400172	CHR3:14400172	SSF x Near_LoA	-11,2275377	0,040	0,302
CHR3	14400219	CHR3:14400219	SSF x Near_LoA	-8,54229291	0,034	0,303
CHR3	14400268	CHR3:14400268	SSF x Near_LoA	-9,69362219	0,031	0,297
CHR3	14409216	CHR3:14409216	SSF x Near_LoA	-7,89869869	0,062	0,307
CHR3	14409483	CHR3:14409483	SSF x Near_LoA	-10,2521668	-0,029	0,312
CHR3	14430194	CHR3:14430194	SSF x Near_LoA	-2,55462929	0,117	0,298
CHR3	14431389	CHR3:14431389	SSF x Near_LoA	-10,7364585	0,028	0,311
CHR3	14431395	CHR3:14431395	SSF x Near_LoA	-9,03625259	-0,075	0,305
CHR3	14432153	CHR3:14432153	SSF x Near_LoA	-8,21779644	0,078	0,310
CHR3	14436122	CHR3:14436122	SSF x Near_LoA	-8,17032196	0,064	0,311
CHR3	14436145	CHR3:14436145	SSF x Near_LoA	-9,91850529	0,029	0,319
CHR3	14436227	CHR3:14436227	SSF x Near_LoA	-7,42213251	0,059	0,299
CHR3	14436238	CHR3:14436238	SSF x Near_LoA	-8,62773611	0,029	0,300
CHR3	14442809	CHR3:14442809	SSF x Near_LoA	-8,33711214	0,057	0,299
CHR3	14442836	CHR3:14442836	SSF x Near_LoA	-8,99733325	0,060	0,301
CHR3	14442858	CHR3:14442858	SSF x Near_LoA	-9,38934241	0,058	0,317
CHR3	14442978	CHR3:14442978	SSF x Near_LoA	-11,0470415	-0,032	0,320
CHR3	14443115	CHR3:14443115	SSF x Near_LoA	-7,42871015	0,098	0,297
CHR3	14445113	CHR3:14445113	SSF x Near_LoA	-10,6604724	-0,056	0,303
CHR3	14445130	CHR3:14445130	SSF x Near_LoA	-10,8080351	-0,070	0,303
CHR3	14445143	CHR3:14445143	SSF x Near_LoA	-8,53270648	-0,009	0,319
CHR3	14445725	CHR3:14445725	SSF x Near_LoA	-9,88342632	0,039	0,305
CHR3	14445941	CHR3:14445941	SSF x Near_LoA	-10,3576222	-0,116	0,303
CHR3	1445174	CHR3:1445174	SSF x Near_LoA	-9,56133665	-0,096	0,299
CHR3	14455114	CHR3:14455114	SSF x Near_LoA	-8,35874122	-0,072	0,298
CHR3	14455121	CHR3:14455121	SSF x Near_LoA	-8,10877977	-0,094	0,303
CHR3	14455138	CHR3:14455138	SSF x Near_LoA	-9,25803307	0,105	0,308
CHR3	14455145	CHR3:14455145	SSF x Near_LoA	-9,46773813	0,083	0,301
CHR3	14455177	CHR3:14455177	SSF x Near_LoA	-8,51562773	0,022	0,299
CHR3	14461359	CHR3:14461359	SSF x Near_LoA	-8,81740485	-0,001	0,300
CHR3	14461366	CHR3:14461366	SSF x Near_LoA	-6,77655873	0,060	0,309
CHR3	14461413	CHR3:14461413	SSF x Near_LoA	-9,17771185	-0,105	0,306
CHR3	14461424	CHR3:14461424	SSF x Near_LoA	-9,93795991	0,021	0,304
CHR3	14461428	CHR3:14461428	SSF x Near_LoA	-8,89529121	-0,015	0,307
CHR3	14464104	CHR3:14464104	SSF x Near_LoA	-7,72764687	0,086	0,315
CHR3	14464115	CHR3:14464115	SSF x Near_LoA	-8,27583557	0,055	0,315
CHR3	14464133	CHR3:14464133	SSF x Near_LoA	-7,1601925	0,017	0,307
CHR3	14464147	CHR3:14464147	SSF x Near_LoA	-11,2218738	0,109	0,298
CHR3	14464149	CHR3:14464149	SSF x Near_LoA	-8,83106029	-0,124	0,303
CHR3	14464222	CHR3:14464222	SSF x Near_LoA	-8,90385189	-0,017	0,313
CHR3	14465964	CHR3:14465964	SSF x Near_LoA	-10,9549689	-0,075	0,297
CHR3	14465985	CHR3:14465985	SSF x Near_LoA	-7,53477673	-0,081	0,306
CHR3	14466001	CHR3:14466001	SSF x Near_LoA	-7,71237338	-0,077	0,306
CHR3	14473271	CHR3:14473271	SSF x Near_LoA	-8,75208376	0,048	0,303
CHR3	14473315	CHR3:14473315	SSF x Near_LoA	-5,81965284	0,072	0,294

CHR3	14473340	CHR3:14473340	SSF x Near_LoA	-8,18053732	-0,017	0,311
CHR3	14473341	CHR3:14473341	SSF x Near_LoA	-9,01971963	-0,011	0,307
CHR3	14473346	CHR3:14473346	SSF x Near_LoA	-8,92358336	-0,009	0,304
CHR3	14473349	CHR3:14473349	SSF x Near_LoA	-8,68926458	-0,030	0,299
CHR3	14473350	CHR3:14473350	SSF x Near_LoA	-9,18928253	-0,028	0,284
CHR3	14473351	CHR3:14473351	SSF x Near_LoA	-9,28322328	0,008	0,298
CHR3	14473359	CHR3:14473359	SSF x Near_LoA	-10,7337738	-0,041	0,295
CHR3	14474688	CHR3:14474688	SSF x Near_LoA	-8,17744871	0,009	0,294
CHR3	14474744	CHR3:14474744	SSF x Near_LoA	-9,39680839	-0,022	0,326
CHR3	14474764	CHR3:14474764	SSF x Near_LoA	-11,0700137	0,019	0,307
CHR3	14478758	CHR3:14478758	SSF x Near_LoA	-11,7894943	-0,083	0,309
CHR3	14483147	CHR3:14483147	SSF x Near_LoA	-7,45678825	0,024	0,306
CHR3	14483227	CHR3:14483227	SSF x Near_LoA	-9,22692482	0,127	0,301
CHR3	14483228	CHR3:14483228	SSF x Near_LoA	-2,15168314	0,134	0,301
CHR3	14483287	CHR3:14483287	SSF x Near_LoA	-10,0577826	-0,028	0,319
CHR3	14483294	CHR3:14483294	SSF x Near_LoA	-7,45369262	-0,138	0,308
CHR3	14483317	CHR3:14483317	SSF x Near_LoA	-9,90191812	0,016	0,303
CHR3	14483339	CHR3:14483339	SSF x Near_LoA	-8,69777636	0,197	0,300
CHR3	14483364	CHR3:14483364	SSF x Near_LoA	-9,58638959	-0,071	0,323
CHR3	14484893	CHR3:14484893	SSF x Near_LoA	-10,1266355	0,028	0,317
CHR3	14484920	CHR3:14484920	SSF x Near_LoA	-7,92045256	-0,116	0,289
CHR3	14491394	CHR3:14491394	SSF x Near_LoA	-8,80366616	-0,024	0,314
CHR3	14491424	CHR3:14491424	SSF x Near_LoA	-11,1305245	0,011	0,314
CHR3	14495407	CHR3:14495407	SSF x Near_LoA	-6,74333371	-0,032	0,302
CHR3	14495423	CHR3:14495423	SSF x Near_LoA	-7,74317377	0,100	0,303
CHR3	14495449	CHR3:14495449	SSF x Near_LoA	-8,33569519	0,026	0,313
CHR3	14495508	CHR3:14495508	SSF x Near_LoA	-9,42867954	0,055	0,300
CHR3	14502837	CHR3:14502837	SSF x Near_LoA	-10,9193992	0,037	0,308
CHR3	14507636	CHR3:14507636	SSF x Near_LoA	-7,98609139	0,110	0,296
CHR3	14519782	CHR3:14519782	SSF x Near_LoA	-10,473383	-0,046	0,301
CHR3	14519784	CHR3:14519784	SSF x Near_LoA	-5,90487803	-0,094	0,314
CHR3	14526095	CHR3:14526095	SSF x Near_LoA	-10,2929442	-0,037	0,305
CHR3	14526105	CHR3:14526105	SSF x Near_LoA	-7,72900962	0,060	0,311
CHR3	14526197	CHR3:14526197	SSF x Near_LoA	-9,3486366	-0,065	0,320
CHR3	14526199	CHR3:14526199	SSF x Near_LoA	-10,4148983	-0,046	0,293
CHR3	14526204	CHR3:14526204	SSF x Near_LoA	-9,7276004	-0,066	0,309
CHR3	14526234	CHR3:14526234	SSF x Near_LoA	-8,87345155	0,080	0,306
CHR3	14526262	CHR3:14526262	SSF x Near_LoA	-7,31755621	0,000	0,299
CHR3	14531492	CHR3:14531492	SSF x Near_LoA	-7,6149692	0,093	0,328
CHR3	14531504	CHR3:14531504	SSF x Near_LoA	-8,99833216	0,083	0,301
CHR3	14531514	CHR3:14531514	SSF x Near_LoA	-7,77542383	0,026	0,320
CHR3	14531519	CHR3:14531519	SSF x Near_LoA	-7,74718213	-0,075	0,308
CHR3	14531527	CHR3:14531527	SSF x Near_LoA	-9,25308826	0,020	0,310
CHR3	14531608	CHR3:14531608	SSF x Near_LoA	-9,87314368	-0,065	0,325
CHR3	14531610	CHR3:14531610	SSF x Near_LoA	-10,8596991	-0,049	0,302
CHR3	14531624	CHR3:14531624	SSF x Near_LoA	-10,5133022	-0,019	0,330
CHR3	14531726	CHR3:14531726	SSF x Near_LoA	-9,43404203	-0,031	0,308
CHR3	1453921	CHR3:1453921	SSF x Near_LoA	-9,93526303	-0,035	0,304
CHR3	1453956	CHR3:1453956	SSF x Near_LoA	-11,2402111	0,080	0,303
CHR3	14540152	CHR3:14540152	SSF x Near_LoA	-8,5103761	0,113	0,303
CHR3	14540562	CHR3:14540562	SSF x Near_LoA	-9,58888217	0,070	0,301
CHR3	14540667	CHR3:14540667	SSF x Near_LoA	-5,51299743	0,140	0,297
CHR3	14540735	CHR3:14540735	SSF x Near_LoA	-6,88823578	-0,111	0,296

CHR3	14546401	CHR3:14546401	SSF x Near_LoA	-8,50047948	0,052	0,321
CHR3	14546426	CHR3:14546426	SSF x Near_LoA	-8,7923425	0,011	0,312
CHR3	14546436	CHR3:14546436	SSF x Near_LoA	-9,25761357	-0,001	0,303
CHR3	14546445	CHR3:14546445	SSF x Near_LoA	-8,2430158	-0,001	0,313
CHR3	14546455	CHR3:14546455	SSF x Near_LoA	-8,38380436	0,014	0,306
CHR3	14546515	CHR3:14546515	SSF x Near_LoA	-9,46502015	-0,098	0,285
CHR3	14546519	CHR3:14546519	SSF x Near_LoA	-7,96315436	-0,114	0,309
CHR3	14550419	CHR3:14550419	SSF x Near_LoA	-11,2049302	0,014	0,312
CHR3	14550487	CHR3:14550487	SSF x Near_LoA	-8,15190235	0,094	0,313
CHR3	14550528	CHR3:14550528	SSF x Near_LoA	-10,2381715	0,059	0,301
CHR3	14556518	CHR3:14556518	SSF x Near_LoA	-10,6779935	0,042	0,307
CHR3	14556521	CHR3:14556521	SSF x Near_LoA	-7,64171385	-0,045	0,313
CHR3	14563240	CHR3:14563240	SSF x Near_LoA	-9,49149601	0,021	0,307
CHR3	14563266	CHR3:14563266	SSF x Near_LoA	-10,0272665	0,056	0,304
CHR3	14563295	CHR3:14563295	SSF x Near_LoA	-8,99925696	-0,002	0,299
CHR3	14563315	CHR3:14563315	SSF x Near_LoA	-7,86892909	0,014	0,304
CHR3	14563321	CHR3:14563321	SSF x Near_LoA	-8,61107647	0,027	0,308
CHR3	14563386	CHR3:14563386	SSF x Near_LoA	-6,72134967	0,044	0,305
CHR3	14563387	CHR3:14563387	SSF x Near_LoA	-8,60030865	0,046	0,306
CHR3	14563395	CHR3:14563395	SSF x Near_LoA	-7,81170109	0,042	0,312
CHR3	14563421	CHR3:14563421	SSF x Near_LoA	-9,15624473	0,057	0,314
CHR3	14563436	CHR3:14563436	SSF x Near_LoA	-9,77254598	-0,025	0,330
CHR3	14563479	CHR3:14563479	SSF x Near_LoA	-8,06338783	-0,029	0,306
CHR3	14565704	CHR3:14565704	SSF x Near_LoA	-9,24580631	0,042	0,297
CHR3	14565732	CHR3:14565732	SSF x Near_LoA	-6,44391975	-0,011	0,303
CHR3	14565736	CHR3:14565736	SSF x Near_LoA	-9,95312696	0,065	0,306
CHR3	14571423	CHR3:14571423	SSF x Near_LoA	-9,46692364	0,001	0,309
CHR3	14573550	CHR3:14573550	SSF x Near_LoA	-9,87071694	0,000	0,313
CHR3	14573560	CHR3:14573560	SSF x Near_LoA	-8,54491631	0,009	0,321
CHR3	14573578	CHR3:14573578	SSF x Near_LoA	-11,5544219	0,004	0,300
CHR3	14573605	CHR3:14573605	SSF x Near_LoA	-10,3571655	-0,011	0,298
CHR3	14573619	CHR3:14573619	SSF x Near_LoA	-9,5782533	-0,080	0,304
CHR3	14573661	CHR3:14573661	SSF x Near_LoA	-8,71905761	0,064	0,305
CHR3	14575871	CHR3:14575871	SSF x Near_LoA	-6,72410476	0,106	0,293
CHR3	14575990	CHR3:14575990	SSF x Near_LoA	-10,2543074	-0,008	0,299
CHR3	14582684	CHR3:14582684	SSF x Near_LoA	-11,523336	0,119	0,282
CHR3	14582717	CHR3:14582717	SSF x Near_LoA	-10,139819	-0,075	0,320
CHR3	14582720	CHR3:14582720	SSF x Near_LoA	-9,69455361	-0,061	0,324
CHR3	14582753	CHR3:14582753	SSF x Near_LoA	-10,0251158	-0,039	0,306
CHR3	14582777	CHR3:14582777	SSF x Near_LoA	-8,82746326	-0,015	0,293
CHR3	14583002	CHR3:14583002	SSF x Near_LoA	-9,94944684	-0,049	0,315
CHR3	14583071	CHR3:14583071	SSF x Near_LoA	-1,49560983	-0,095	0,313
CHR3	14591515	CHR3:14591515	SSF x Near_LoA	-9,21538458	-0,010	0,322
CHR3	14595786	CHR3:14595786	SSF x Near_LoA	-11,511044	-0,026	0,310
CHR3	14595794	CHR3:14595794	SSF x Near_LoA	2,30681154	0,072	0,329
CHR3	14595806	CHR3:14595806	SSF x Near_LoA	-9,27426851	0,027	0,299
CHR3	14595872	CHR3:14595872	SSF x Near_LoA	-10,4763401	-0,011	0,321
CHR3	14595919	CHR3:14595919	SSF x Near_LoA	-10,6700863	0,139	0,299
CHR3	14595964	CHR3:14595964	SSF x Near_LoA	-5,64753702	0,115	0,301
CHR3	14595986	CHR3:14595986	SSF x Near_LoA	-8,86910658	-0,028	0,300
CHR3	14608293	CHR3:14608293	SSF x Near_LoA	2,06802699	-0,117	0,299
CHR3	14609419	CHR3:14609419	SSF x Near_LoA	-7,67936921	-0,092	0,311
CHR3	14615845	CHR3:14615845	SSF x Near_LoA	-10,5284998	0,083	0,313

CHR3	14615846	CHR3:14615846	SSF x Near_LoA	-10,4949575	0,053	0,319
CHR3	14615891	CHR3:14615891	SSF x Near_LoA	-11,1551303	0,023	0,293
CHR3	14617487	CHR3:14617487	SSF x Near_LoA	-11,6847079	0,075	0,305
CHR3	14617562	CHR3:14617562	SSF x Near_LoA	-7,90357021	-0,071	0,321
CHR3	14617807	CHR3:14617807	SSF x Near_LoA	-10,2399156	-0,011	0,311
CHR3	14632156	CHR3:14632156	SSF x Near_LoA	-10,9462451	0,095	0,295
CHR3	14632275	CHR3:14632275	SSF x Near_LoA	-10,4877508	-0,145	0,303
CHR3	14632333	CHR3:14632333	SSF x Near_LoA	-10,3912066	0,022	0,313
CHR3	14640325	CHR3:14640325	SSF x Near_LoA	-10,5849557	-0,094	0,316
CHR3	14653944	CHR3:14653944	SSF x Near_LoA	-4,2644029	0,082	0,296
CHR3	14653951	CHR3:14653951	SSF x Near_LoA	-7,56877324	-0,145	0,295
CHR3	14654024	CHR3:14654024	SSF x Near_LoA	-9,02993881	0,017	0,313
CHR3	14654033	CHR3:14654033	SSF x Near_LoA	-8,76644018	0,107	0,308
CHR3	14654045	CHR3:14654045	SSF x Near_LoA	-10,8142846	-0,024	0,320
CHR3	14654048	CHR3:14654048	SSF x Near_LoA	-9,71606581	0,085	0,301
CHR3	14654327	CHR3:14654327	SSF x Near_LoA	-8,49364971	0,088	0,309
CHR3	14654335	CHR3:14654335	SSF x Near_LoA	-9,25171007	0,060	0,307
CHR3	14654370	CHR3:14654370	SSF x Near_LoA	-10,7869895	0,049	0,310
CHR3	14654384	CHR3:14654384	SSF x Near_LoA	-7,83123263	-0,109	0,315
CHR3	14654388	CHR3:14654388	SSF x Near_LoA	-8,1133458	-0,084	0,317
CHR3	14654433	CHR3:14654433	SSF x Near_LoA	-10,7512535	-0,045	0,309
CHR3	14656079	CHR3:14656079	SSF x Near_LoA	-8,86886961	0,017	0,307
CHR3	14667553	CHR3:14667553	SSF x Near_LoA	-9,54658428	-0,059	0,311
CHR3	14667561	CHR3:14667561	SSF x Near_LoA	-9,28892435	-0,111	0,305
CHR3	14667592	CHR3:14667592	SSF x Near_LoA	-10,1625666	-0,087	0,308
CHR3	14667698	CHR3:14667698	SSF x Near_LoA	-8,90259167	-0,088	0,301
CHR3	14670770	CHR3:14670770	SSF x Near_LoA	-11,2531363	-0,003	0,308
CHR3	14670773	CHR3:14670773	SSF x Near_LoA	-8,3488998	0,014	0,308
CHR3	14670782	CHR3:14670782	SSF x Near_LoA	-9,13485752	0,014	0,296
CHR3	14678585	CHR3:14678585	SSF x Near_LoA	-11,4018037	-0,057	0,314
CHR3	14678604	CHR3:14678604	SSF x Near_LoA	-7,60774858	-0,069	0,301
CHR3	1468437	CHR3:1468437	SSF x Near_LoA	-9,58250932	0,010	0,303
CHR3	14684523	CHR3:14684523	SSF x Near_LoA	-10,5409084	0,036	0,323
CHR3	14684552	CHR3:14684552	SSF x Near_LoA	-8,40661242	-0,003	0,321
CHR3	1468508	CHR3:1468508	SSF x Near_LoA	-10,7815208	0,053	0,310
CHR3	1468520	CHR3:1468520	SSF x Near_LoA	-8,64680215	-0,021	0,317
CHR3	1468524	CHR3:1468524	SSF x Near_LoA	-7,966588	-0,007	0,308
CHR3	1468605	CHR3:1468605	SSF x Near_LoA	-7,35703451	0,085	0,305
CHR3	14693586	CHR3:14693586	SSF x Near_LoA	-9,12434012	-0,026	0,315
CHR3	14693601	CHR3:14693601	SSF x Near_LoA	-10,2392793	-0,038	0,311
CHR3	14693607	CHR3:14693607	SSF x Near_LoA	-9,40785403	-0,025	0,306
CHR3	14693610	CHR3:14693610	SSF x Near_LoA	-10,6151475	0,141	0,306
CHR3	14693624	CHR3:14693624	SSF x Near_LoA	-10,1710628	0,019	0,290
CHR3	14693680	CHR3:14693680	SSF x Near_LoA	-11,8428246	-0,095	0,300
CHR3	14693756	CHR3:14693756	SSF x Near_LoA	-9,78929801	-0,072	0,304
CHR3	14693767	CHR3:14693767	SSF x Near_LoA	-9,84589513	-0,039	0,316
CHR3	14693788	CHR3:14693788	SSF x Near_LoA	-10,9550658	0,051	0,306
CHR3	14705811	CHR3:14705811	SSF x Near_LoA	-6,14397854	-0,120	0,304
CHR3	14705868	CHR3:14705868	SSF x Near_LoA	-8,83424485	0,085	0,285
CHR3	14706777	CHR3:14706777	SSF x Near_LoA	-10,2247702	0,090	0,303
CHR3	14708396	CHR3:14708396	SSF x Near_LoA	-10,9463964	0,022	0,303
CHR3	14708417	CHR3:14708417	SSF x Near_LoA	-9,3627269	0,096	0,315
CHR3	14708430	CHR3:14708430	SSF x Near_LoA	-10,0473016	0,033	0,319

CHR3	14708619	CHR3:14708619	SSF x Near_LoA	-9,67941635	0,051	0,301
CHR3	14715001	CHR3:14715001	SSF x Near_LoA	-7,68305888	0,028	0,324
CHR3	14716238	CHR3:14716238	SSF x Near_LoA	-8,69695088	-0,131	0,310
CHR3	14716301	CHR3:14716301	SSF x Near_LoA	-10,0574842	0,004	0,305
CHR3	14717932	CHR3:14717932	SSF x Near_LoA	-9,20510509	0,029	0,296
CHR3	14717990	CHR3:14717990	SSF x Near_LoA	-7,57565415	-0,046	0,307
CHR3	14718022	CHR3:14718022	SSF x Near_LoA	-7,69987338	0,151	0,300
CHR3	14725016	CHR3:14725016	SSF x Near_LoA	-10,4450138	0,015	0,310
CHR3	14725033	CHR3:14725033	SSF x Near_LoA	-8,10043019	-0,162	0,312
CHR3	14725034	CHR3:14725034	SSF x Near_LoA	-9,19689893	0,051	0,309
CHR3	14725087	CHR3:14725087	SSF x Near_LoA	4,71447606	-0,017	0,309
CHR3	14725089	CHR3:14725089	SSF x Near_LoA	-10,2831387	-0,001	0,307
CHR3	14729251	CHR3:14729251	SSF x Near_LoA	-6,30342556	-0,112	0,290
CHR3	14729308	CHR3:14729308	SSF x Near_LoA	-7,5997178	-0,183	0,294
CHR3	14729327	CHR3:14729327	SSF x Near_LoA	-6,9171834	0,159	0,307
CHR3	14729342	CHR3:14729342	SSF x Near_LoA	-8,42393698	-0,061	0,298
CHR3	14729369	CHR3:14729369	SSF x Near_LoA	-2,13989758	-0,207	0,300
CHR3	14732697	CHR3:14732697	SSF x Near_LoA	-9,70314577	0,016	0,296
CHR3	14742760	CHR3:14742760	SSF x Near_LoA	-10,7139566	-0,037	0,298
CHR3	14742810	CHR3:14742810	SSF x Near_LoA	-7,69749239	0,114	0,308
CHR3	14742821	CHR3:14742821	SSF x Near_LoA	-8,7390889	0,043	0,313
CHR3	14742824	CHR3:14742824	SSF x Near_LoA	-9,12382206	0,057	0,309
CHR3	14742836	CHR3:14742836	SSF x Near_LoA	-8,87347606	0,051	0,310
CHR3	14742844	CHR3:14742844	SSF x Near_LoA	-8,8013824	0,046	0,314
CHR3	14742857	CHR3:14742857	SSF x Near_LoA	-6,47307937	0,061	0,318
CHR3	14742863	CHR3:14742863	SSF x Near_LoA	-3,4117072	0,051	0,311
CHR3	14762436	CHR3:14762436	SSF x Near_LoA	-1,01046955	0,006	0,302
CHR3	14762464	CHR3:14762464	SSF x Near_LoA	-11,0701514	-0,069	0,292
CHR3	14762503	CHR3:14762503	SSF x Near_LoA	-9,54365108	0,040	0,314
CHR3	14764047	CHR3:14764047	SSF x Near_LoA	-9,20770796	0,031	0,309
CHR3	14764049	CHR3:14764049	SSF x Near_LoA	-10,5711039	0,024	0,300
CHR3	14764094	CHR3:14764094	SSF x Near_LoA	-10,3690075	0,097	0,306
CHR3	14764097	CHR3:14764097	SSF x Near_LoA	-10,789893	0,090	0,318
CHR3	14764112	CHR3:14764112	SSF x Near_LoA	-6,32924392	-0,089	0,306
CHR3	14764139	CHR3:14764139	SSF x Near_LoA	-11,0662796	-0,025	0,292
CHR3	14764153	CHR3:14764153	SSF x Near_LoA	-9,07985983	0,028	0,308
CHR3	14764181	CHR3:14764181	SSF x Near_LoA	-8,6732651	0,052	0,312
CHR3	14764221	CHR3:14764221	SSF x Near_LoA	-10,4409571	-0,011	0,298
CHR3	14766074	CHR3:14766074	SSF x Near_LoA	-9,96978247	-0,048	0,308
CHR3	14766075	CHR3:14766075	SSF x Near_LoA	-7,6195582	0,036	0,292
CHR3	14766114	CHR3:14766114	SSF x Near_LoA	-9,46041077	0,025	0,294
CHR3	14766144	CHR3:14766144	SSF x Near_LoA	-9,2967883	-0,028	0,300
CHR3	14766217	CHR3:14766217	SSF x Near_LoA	-10,0342832	0,024	0,303
CHR3	14766228	CHR3:14766228	SSF x Near_LoA	-8,96071541	-0,049	0,319
CHR3	14766283	CHR3:14766283	SSF x Near_LoA	-7,37063844	0,013	0,293
CHR3	14766307	CHR3:14766307	SSF x Near_LoA	-9,06305371	0,018	0,298
CHR3	14766309	CHR3:14766309	SSF x Near_LoA	-8,76292318	0,013	0,300
CHR3	14766310	CHR3:14766310	SSF x Near_LoA	-8,05650841	-0,046	0,304
CHR3	14766313	CHR3:14766313	SSF x Near_LoA	-8,79907626	0,008	0,299
CHR3	14766315	CHR3:14766315	SSF x Near_LoA	-6,92830037	0,013	0,306
CHR3	14766330	CHR3:14766330	SSF x Near_LoA	-8,69819979	0,009	0,293
CHR3	14774816	CHR3:14774816	SSF x Near_LoA	-9,36351111	0,027	0,312
CHR3	14774828	CHR3:14774828	SSF x Near_LoA	-10,296244	0,042	0,302

CHR3	14774837	CHR3:14774837	SSF x Near_LoA	-9,26118516	0,043	0,309
CHR3	14774840	CHR3:14774840	SSF x Near_LoA	-8,44093714	0,056	0,320
CHR3	14774852	CHR3:14774852	SSF x Near_LoA	-9,1454091	-0,118	0,310
CHR3	14774893	CHR3:14774893	SSF x Near_LoA	-9,77570452	0,108	0,287
CHR3	14774954	CHR3:14774954	SSF x Near_LoA	-6,11958846	0,145	0,302
CHR3	14774972	CHR3:14774972	SSF x Near_LoA	-5,04212221	-0,153	0,309
CHR3	14774998	CHR3:14774998	SSF x Near_LoA	-7,69900732	0,046	0,300
CHR3	14777551	CHR3:14777551	SSF x Near_LoA	-10,902446	-0,037	0,318
CHR3	14777565	CHR3:14777565	SSF x Near_LoA	-10,3520295	-0,001	0,300
CHR3	14777656	CHR3:14777656	SSF x Near_LoA	2,42496009	-0,047	0,307
CHR3	14784518	CHR3:14784518	SSF x Near_LoA	-9,80497929	-0,040	0,307
CHR3	14784662	CHR3:14784662	SSF x Near_LoA	-9,11779853	-0,048	0,300
CHR3	14784704	CHR3:14784704	SSF x Near_LoA	-6,78635413	0,025	0,304
CHR3	14784738	CHR3:14784738	SSF x Near_LoA	-7,74358149	-0,016	0,306
CHR3	14785903	CHR3:14785903	SSF x Near_LoA	-3,76687418	-0,173	0,293
CHR3	1478793	CHR3:1478793	SSF x Near_LoA	-8,4330246	-0,021	0,303
CHR3	1478812	CHR3:1478812	SSF x Near_LoA	-7,09402826	-0,020	0,323
CHR3	1478862	CHR3:1478862	SSF x Near_LoA	-9,94905101	-0,101	0,305
CHR3	14788720	CHR3:14788720	SSF x Near_LoA	-10,5025529	0,152	0,298
CHR3	14788789	CHR3:14788789	SSF x Near_LoA	-8,90748775	0,022	0,308
CHR3	14788799	CHR3:14788799	SSF x Near_LoA	-7,84300583	-0,009	0,315
CHR3	14788902	CHR3:14788902	SSF x Near_LoA	-9,73290713	0,028	0,312
CHR3	14788942	CHR3:14788942	SSF x Near_LoA	-9,02774255	-0,052	0,309
CHR3	14788964	CHR3:14788964	SSF x Near_LoA	-8,04926726	0,048	0,306
CHR3	1478943	CHR3:1478943	SSF x Near_LoA	-8,15090744	-0,059	0,308
CHR3	1478984	CHR3:1478984	SSF x Near_LoA	-8,76192471	0,086	0,297
CHR3	14800331	CHR3:14800331	SSF x Near_LoA	-9,97217695	0,023	0,307
CHR3	14802450	CHR3:14802450	SSF x Near_LoA	-8,0831047	-0,054	0,303
CHR3	14802463	CHR3:14802463	SSF x Near_LoA	-4,26644262	0,062	0,314
CHR3	14802467	CHR3:14802467	SSF x Near_LoA	-6,17886636	0,057	0,322
CHR3	14802471	CHR3:14802471	SSF x Near_LoA	0,18311328	-0,093	0,303
CHR3	14802473	CHR3:14802473	SSF x Near_LoA	-8,74972971	0,039	0,317
CHR3	14806376	CHR3:14806376	SSF x Near_LoA	-9,25812933	-0,121	0,309
CHR3	14806456	CHR3:14806456	SSF x Near_LoA	-9,20910188	0,018	0,303
CHR3	14807917	CHR3:14807917	SSF x Near_LoA	-7,92749787	0,058	0,300
CHR3	14807958	CHR3:14807958	SSF x Near_LoA	-8,87439654	0,052	0,301
CHR3	14807970	CHR3:14807970	SSF x Near_LoA	-7,42369688	-0,065	0,312
CHR3	14807981	CHR3:14807981	SSF x Near_LoA	-8,91612776	-0,072	0,313
CHR3	14807991	CHR3:14807991	SSF x Near_LoA	-9,8607728	0,006	0,301
CHR3	14811106	CHR3:14811106	SSF x Near_LoA	-8,42124435	-0,134	0,313
CHR3	14811155	CHR3:14811155	SSF x Near_LoA	-8,46159337	0,040	0,315
CHR3	14815021	CHR3:14815021	SSF x Near_LoA	-8,65908551	-0,001	0,311
CHR3	14826306	CHR3:14826306	SSF x Near_LoA	-8,52761892	0,077	0,304
CHR3	14826313	CHR3:14826313	SSF x Near_LoA	-10,6270493	0,081	0,308
CHR3	14826368	CHR3:14826368	SSF x Near_LoA	-6,07802297	-0,076	0,316
CHR3	14826395	CHR3:14826395	SSF x Near_LoA	-9,63652599	-0,079	0,290
CHR3	14826401	CHR3:14826401	SSF x Near_LoA	-11,4426159	0,006	0,328
CHR3	14826409	CHR3:14826409	SSF x Near_LoA	-11,2369405	0,009	0,305
CHR3	14826567	CHR3:14826567	SSF x Near_LoA	-7,8517005	0,118	0,314
CHR3	14829762	CHR3:14829762	SSF x Near_LoA	-10,7068198	-0,141	0,292
CHR3	14829836	CHR3:14829836	SSF x Near_LoA	-8,337486	0,063	0,308
CHR3	14829903	CHR3:14829903	SSF x Near_LoA	-7,18346853	0,057	0,321
CHR3	14836144	CHR3:14836144	SSF x Near_LoA	-8,27319244	0,141	0,280

CHR3	14836268	CHR3:14836268	SSF x Near_LoA	-8,80828133	-0,108	0,299
CHR3	14837255	CHR3:14837255	SSF x Near_LoA	-10,4463246	0,063	0,313
CHR3	14837309	CHR3:14837309	SSF x Near_LoA	-9,15429297	0,066	0,280
CHR3	14837337	CHR3:14837337	SSF x Near_LoA	-9,98889371	-0,102	0,301
CHR3	14837366	CHR3:14837366	SSF x Near_LoA	-11,252906	-0,025	0,315
CHR3	1483747	CHR3:1483747	SSF x Near_LoA	-5,95284762	0,092	0,302
CHR3	1484166	CHR3:1484166	SSF x Near_LoA	-9,99833009	-0,021	0,311
CHR3	14847949	CHR3:14847949	SSF x Near_LoA	-9,49234024	0,058	0,313
CHR3	14849246	CHR3:14849246	SSF x Near_LoA	-9,67525459	-0,055	0,318
CHR3	14849306	CHR3:14849306	SSF x Near_LoA	-8,54600913	-0,053	0,302
CHR3	14849348	CHR3:14849348	SSF x Near_LoA	-10,9459223	-0,026	0,308
CHR3	14849383	CHR3:14849383	SSF x Near_LoA	-6,30933221	0,102	0,309
CHR3	14849390	CHR3:14849390	SSF x Near_LoA	-10,3198679	0,007	0,330
CHR3	14849392	CHR3:14849392	SSF x Near_LoA	-8,444646	-0,066	0,313
CHR3	14849398	CHR3:14849398	SSF x Near_LoA	-10,0566425	-0,022	0,327
CHR3	14849425	CHR3:14849425	SSF x Near_LoA	-11,4279989	-0,010	0,306
CHR3	14858926	CHR3:14858926	SSF x Near_LoA	-8,21700254	0,124	0,313
CHR3	14859069	CHR3:14859069	SSF x Near_LoA	-10,7732756	-0,001	0,309
CHR3	14859117	CHR3:14859117	SSF x Near_LoA	-11,2128983	0,048	0,302
CHR3	14859148	CHR3:14859148	SSF x Near_LoA	-10,2278691	-0,081	0,323
CHR3	14859159	CHR3:14859159	SSF x Near_LoA	-10,9865255	0,002	0,313
CHR3	14859175	CHR3:14859175	SSF x Near_LoA	-11,071711	-0,078	0,304
CHR3	14859182	CHR3:14859182	SSF x Near_LoA	-10,8844656	-0,047	0,307
CHR3	14866233	CHR3:14866233	SSF x Near_LoA	-6,70401807	0,019	0,310
CHR3	14866261	CHR3:14866261	SSF x Near_LoA	-8,02312671	0,074	0,309
CHR3	14866288	CHR3:14866288	SSF x Near_LoA	-7,62823077	-0,162	0,302
CHR3	14866299	CHR3:14866299	SSF x Near_LoA	-10,0312732	0,046	0,317
CHR3	14866301	CHR3:14866301	SSF x Near_LoA	-5,84842805	0,118	0,314
CHR3	14866396	CHR3:14866396	SSF x Near_LoA	1,51556104	0,101	0,313
CHR3	14866402	CHR3:14866402	SSF x Near_LoA	-7,48663265	0,094	0,310
CHR3	14868687	CHR3:14868687	SSF x Near_LoA	-8,14186991	-0,072	0,308
CHR3	14868702	CHR3:14868702	SSF x Near_LoA	-10,2425842	0,033	0,304
CHR3	14868703	CHR3:14868703	SSF x Near_LoA	-6,67925442	0,061	0,307
CHR3	14872158	CHR3:14872158	SSF x Near_LoA	-1,55232983	-0,147	0,317
CHR3	14872183	CHR3:14872183	SSF x Near_LoA	-4,56097104	0,204	0,304
CHR3	14872233	CHR3:14872233	SSF x Near_LoA	-8,69163247	0,078	0,308
CHR3	14872256	CHR3:14872256	SSF x Near_LoA	-9,96004155	-0,082	0,316
CHR3	14872259	CHR3:14872259	SSF x Near_LoA	-9,21970516	-0,108	0,298
CHR3	14872373	CHR3:14872373	SSF x Near_LoA	-11,3127581	-0,073	0,303
CHR3	14872403	CHR3:14872403	SSF x Near_LoA	-8,99797621	-0,117	0,290
CHR3	14879445	CHR3:14879445	SSF x Near_LoA	-10,1633364	0,051	0,307
CHR3	14880007	CHR3:14880007	SSF x Near_LoA	-7,53805653	0,066	0,309
CHR3	14890255	CHR3:14890255	SSF x Near_LoA	-8,49215356	0,010	0,321
CHR3	14890256	CHR3:14890256	SSF x Near_LoA	-3,27763532	0,000	0,308
CHR3	14890260	CHR3:14890260	SSF x Near_LoA	-9,33031485	0,025	0,320
CHR3	14892138	CHR3:14892138	SSF x Near_LoA	-8,07769605	0,025	0,295
CHR3	14892169	CHR3:14892169	SSF x Near_LoA	-11,5166464	0,045	0,292
CHR3	14892188	CHR3:14892188	SSF x Near_LoA	-6,38974889	-0,085	0,325
CHR3	14892215	CHR3:14892215	SSF x Near_LoA	-8,63675446	-0,057	0,319
CHR3	1489551	CHR3:1489551	SSF x Near_LoA	-11,2684722	0,001	0,308
CHR3	1489560	CHR3:1489560	SSF x Near_LoA	-6,67398099	-0,052	0,305
CHR3	1489607	CHR3:1489607	SSF x Near_LoA	-10,2205971	0,002	0,312
CHR3	1489746	CHR3:1489746	SSF x Near_LoA	-6,47450153	0,181	0,297

CHR3	14900265	CHR3:14900265	SSF x Near_LoA	-10,6752383	-0,007	0,297
CHR3	14900388	CHR3:14900388	SSF x Near_LoA	-5,4335754	0,027	0,315
CHR3	14900393	CHR3:14900393	SSF x Near_LoA	-8,34988215	-0,064	0,314
CHR3	14900407	CHR3:14900407	SSF x Near_LoA	-9,69181823	-0,103	0,308
CHR3	1490043	CHR3:1490043	SSF x Near_LoA	-10,1949331	0,039	0,318
CHR3	14905363	CHR3:14905363	SSF x Near_LoA	-5,24589762	0,151	0,302
CHR3	14905395	CHR3:14905395	SSF x Near_LoA	-11,3082572	0,071	0,315
CHR3	14905555	CHR3:14905555	SSF x Near_LoA	-6,94814395	-0,163	0,289
CHR3	14905558	CHR3:14905558	SSF x Near_LoA	-8,65974857	0,130	0,286
CHR3	14907337	CHR3:14907337	SSF x Near_LoA	-10,7811842	-0,050	0,307
CHR3	14907422	CHR3:14907422	SSF x Near_LoA	-11,4982447	-0,009	0,306
CHR3	14907558	CHR3:14907558	SSF x Near_LoA	-9,84802026	-0,090	0,306
CHR3	14924150	CHR3:14924150	SSF x Near_LoA	-8,25482433	-0,039	0,313
CHR3	14924174	CHR3:14924174	SSF x Near_LoA	-8,56992203	-0,005	0,301
CHR3	14924195	CHR3:14924195	SSF x Near_LoA	-9,17053771	-0,015	0,322
CHR3	14927886	CHR3:14927886	SSF x Near_LoA	-11,2209421	0,031	0,314
CHR3	14927926	CHR3:14927926	SSF x Near_LoA	-10,9283017	0,103	0,307
CHR3	14933503	CHR3:14933503	SSF x Near_LoA	-10,0777482	-0,099	0,320
CHR3	14933661	CHR3:14933661	SSF x Near_LoA	-8,24750464	-0,166	0,297
CHR3	14953172	CHR3:14953172	SSF x Near_LoA	-11,1394746	0,014	0,309
CHR3	14957520	CHR3:14957520	SSF x Near_LoA	-7,04914346	-0,064	0,323
CHR3	14957558	CHR3:14957558	SSF x Near_LoA	-11,3779954	0,009	0,321
CHR3	14957584	CHR3:14957584	SSF x Near_LoA	-11,8269257	-0,026	0,306
CHR3	14959024	CHR3:14959024	SSF x Near_LoA	-10,4178438	-0,101	0,305
CHR3	14965282	CHR3:14965282	SSF x Near_LoA	-8,92274144	-0,005	0,315
CHR3	14967483	CHR3:14967483	SSF x Near_LoA	-10,9213608	-0,005	0,306
CHR3	14967552	CHR3:14967552	SSF x Near_LoA	-8,66217845	0,067	0,296
CHR3	14968835	CHR3:14968835	SSF x Near_LoA	-11,3155208	-0,054	0,299
CHR3	14972314	CHR3:14972314	SSF x Near_LoA	-10,6376243	0,000	0,295
CHR3	14972417	CHR3:14972417	SSF x Near_LoA	-9,52573453	-0,012	0,312
CHR3	14973256	CHR3:14973256	SSF x Near_LoA	-6,49690478	-0,136	0,310
CHR3	14981391	CHR3:14981391	SSF x Near_LoA	-7,7456222	0,104	0,309
CHR3	14981421	CHR3:14981421	SSF x Near_LoA	-9,37175161	0,132	0,292
CHR3	14981442	CHR3:14981442	SSF x Near_LoA	-7,43606861	0,094	0,304
CHR3	1498504	CHR3:1498504	SSF x Near_LoA	-11,510422	-0,044	0,313
CHR3	1498547	CHR3:1498547	SSF x Near_LoA	-6,1725218	-0,103	0,303
CHR3	1498572	CHR3:1498572	SSF x Near_LoA	-9,73566638	0,145	0,308
CHR3	1498667	CHR3:1498667	SSF x Near_LoA	-8,63878402	-0,087	0,306
CHR3	1498672	CHR3:1498672	SSF x Near_LoA	-9,53656925	0,127	0,302
CHR3	14995276	CHR3:14995276	SSF x Near_LoA	-8,71728394	0,062	0,328
CHR3	14995296	CHR3:14995296	SSF x Near_LoA	-9,07969064	0,027	0,306
CHR3	14995390	CHR3:14995390	SSF x Near_LoA	-9,3493261	-0,020	0,322
CHR3	15024482	CHR3:15024482	SSF x Near_LoA	-7,12684329	0,026	0,310
CHR3	15024718	CHR3:15024718	SSF x Near_LoA	-10,0431858	0,009	0,309
CHR3	15033551	CHR3:15033551	SSF x Near_LoA	-11,7605877	-0,019	0,310
CHR3	15033663	CHR3:15033663	SSF x Near_LoA	-11,0585131	-0,065	0,310
CHR3	15036743	CHR3:15036743	SSF x Near_LoA	-8,14394405	0,073	0,330
CHR3	15036750	CHR3:15036750	SSF x Near_LoA	-10,7191666	-0,021	0,313
CHR3	15036787	CHR3:15036787	SSF x Near_LoA	-5,64280296	-0,136	0,299
CHR3	15036792	CHR3:15036792	SSF x Near_LoA	-5,99437933	-0,158	0,310
CHR3	15036873	CHR3:15036873	SSF x Near_LoA	-2,68018737	0,257	0,280
CHR3	15036887	CHR3:15036887	SSF x Near_LoA	-6,00071476	-0,084	0,301
CHR3	15036905	CHR3:15036905	SSF x Near_LoA	-9,98529237	0,026	0,302

CHR3	15039951	CHR3:15039951	SSF x Near_LoA	-6,60010131	-0,018	0,307
CHR3	15039960	CHR3:15039960	SSF x Near_LoA	-9,79451312	0,020	0,312
CHR3	15039966	CHR3:15039966	SSF x Near_LoA	-11,7069773	-0,004	0,304
CHR3	15039981	CHR3:15039981	SSF x Near_LoA	-9,59491697	0,040	0,308
CHR3	15039986	CHR3:15039986	SSF x Near_LoA	-7,02951063	-0,111	0,311
CHR3	15040027	CHR3:15040027	SSF x Near_LoA	-11,0897093	0,031	0,306
CHR3	15040038	CHR3:15040038	SSF x Near_LoA	-11,6456563	0,006	0,309
CHR3	15040151	CHR3:15040151	SSF x Near_LoA	-10,4375076	0,121	0,302
CHR3	15046125	CHR3:15046125	SSF x Near_LoA	-8,09482962	-0,087	0,310
CHR3	15046140	CHR3:15046140	SSF x Near_LoA	-8,04245471	0,111	0,305
CHR3	15048473	CHR3:15048473	SSF x Near_LoA	-10,7654362	0,023	0,305
CHR3	15048619	CHR3:15048619	SSF x Near_LoA	-8,75419365	0,100	0,300
CHR3	15048627	CHR3:15048627	SSF x Near_LoA	-10,5877394	0,090	0,304
CHR3	15048668	CHR3:15048668	SSF x Near_LoA	-10,6512215	0,060	0,315
CHR3	15052897	CHR3:15052897	SSF x Near_LoA	-9,20217325	0,019	0,320
CHR3	15054865	CHR3:15054865	SSF x Near_LoA	-10,4892614	0,116	0,308
CHR3	15057783	CHR3:15057783	SSF x Near_LoA	-8,87270023	0,042	0,265
CHR3	15057793	CHR3:15057793	SSF x Near_LoA	-8,60577616	-0,007	0,279
CHR3	15057821	CHR3:15057821	SSF x Near_LoA	-10,5296388	-0,075	0,292
CHR3	15057843	CHR3:15057843	SSF x Near_LoA	-9,78711946	-0,041	0,293
CHR3	15057849	CHR3:15057849	SSF x Near_LoA	-9,00195807	-0,035	0,288
CHR3	15057858	CHR3:15057858	SSF x Near_LoA	-10,0782151	-0,002	0,302
CHR3	15060788	CHR3:15060788	SSF x Near_LoA	-9,44592809	0,005	0,309
CHR3	15060894	CHR3:15060894	SSF x Near_LoA	-10,848757	0,157	0,297
CHR3	15063289	CHR3:15063289	SSF x Near_LoA	-9,16426416	0,012	0,298
CHR3	15063299	CHR3:15063299	SSF x Near_LoA	-8,15979453	-0,002	0,321
CHR3	15063319	CHR3:15063319	SSF x Near_LoA	-9,29297997	-0,070	0,298
CHR3	1507070	CHR3:1507070	SSF x Near_LoA	-9,0572515	-0,021	0,311
CHR3	1507121	CHR3:1507121	SSF x Near_LoA	-11,8622205	0,068	0,293
CHR3	15074873	CHR3:15074873	SSF x Near_LoA	-9,14162921	-0,017	0,322
CHR3	15096436	CHR3:15096436	SSF x Near_LoA	-9,07302835	-0,039	0,312
CHR3	15111777	CHR3:15111777	SSF x Near_LoA	-10,1561259	0,056	0,313
CHR3	15112033	CHR3:15112033	SSF x Near_LoA	-9,10371246	0,090	0,311
CHR3	15112047	CHR3:15112047	SSF x Near_LoA	-9,05293332	0,111	0,318
CHR3	15117353	CHR3:15117353	SSF x Near_LoA	-11,5565918	-0,022	0,298
CHR3	15118407	CHR3:15118407	SSF x Near_LoA	-8,07588311	0,061	0,307
CHR3	15118467	CHR3:15118467	SSF x Near_LoA	-6,7763359	0,147	0,309
CHR3	15118506	CHR3:15118506	SSF x Near_LoA	-7,45220568	-0,011	0,327
CHR3	15126610	CHR3:15126610	SSF x Near_LoA	-8,54694292	-0,177	0,301
CHR3	15132637	CHR3:15132637	SSF x Near_LoA	-6,01654123	0,089	0,303
CHR3	15132707	CHR3:15132707	SSF x Near_LoA	-11,271906	-0,005	0,298
CHR3	15132784	CHR3:15132784	SSF x Near_LoA	-8,77814284	0,125	0,291
CHR3	15139006	CHR3:15139006	SSF x Near_LoA	-8,55714077	-0,050	0,301
CHR3	15139083	CHR3:15139083	SSF x Near_LoA	-9,14163	-0,068	0,304
CHR3	15167296	CHR3:15167296	SSF x Near_LoA	-10,1967399	0,004	0,293
CHR3	15167324	CHR3:15167324	SSF x Near_LoA	-10,351308	0,051	0,310
CHR3	15167342	CHR3:15167342	SSF x Near_LoA	-2,71205175	0,080	0,300
CHR3	15167391	CHR3:15167391	SSF x Near_LoA	-7,97212947	-0,093	0,310
CHR3	15167419	CHR3:15167419	SSF x Near_LoA	-7,90946405	0,075	0,300
CHR3	15169257	CHR3:15169257	SSF x Near_LoA	-6,05140008	-0,162	0,312
CHR3	15169272	CHR3:15169272	SSF x Near_LoA	-9,74580607	-0,020	0,308
CHR3	15169294	CHR3:15169294	SSF x Near_LoA	-6,32909352	-0,183	0,301
CHR3	15169333	CHR3:15169333	SSF x Near_LoA	-2,87615	0,070	0,315

CHR3	15169385	CHR3:15169385	SSF x Near_LoA	-8,82859097	0,051	0,308
CHR3	15169401	CHR3:15169401	SSF x Near_LoA	-10,8213624	0,024	0,309
CHR3	15169476	CHR3:15169476	SSF x Near_LoA	-8,07929794	-0,147	0,295
CHR3	15169507	CHR3:15169507	SSF x Near_LoA	-5,57440483	-0,163	0,304
CHR3	15169535	CHR3:15169535	SSF x Near_LoA	-8,40142212	0,013	0,306
CHR3	15174363	CHR3:15174363	SSF x Near_LoA	-9,29493014	-0,045	0,310
CHR3	15174402	CHR3:15174402	SSF x Near_LoA	-8,46548461	0,066	0,314
CHR3	15174423	CHR3:15174423	SSF x Near_LoA	-7,35861832	0,079	0,305
CHR3	15174437	CHR3:15174437	SSF x Near_LoA	-8,83384893	-0,061	0,317
CHR3	15174443	CHR3:15174443	SSF x Near_LoA	-8,07206718	0,025	0,324
CHR3	15185216	CHR3:15185216	SSF x Near_LoA	-9,23694336	-0,044	0,303
CHR3	15185240	CHR3:15185240	SSF x Near_LoA	-8,1346572	-0,032	0,312
CHR3	15185367	CHR3:15185367	SSF x Near_LoA	-10,5612384	-0,005	0,305
CHR3	15192462	CHR3:15192462	SSF x Near_LoA	-8,61254364	-0,110	0,297
CHR3	15206978	CHR3:15206978	SSF x Near_LoA	-9,49835596	0,059	0,312
CHR3	15207128	CHR3:15207128	SSF x Near_LoA	-8,31932253	-0,050	0,320
CHR3	15215570	CHR3:15215570	SSF x Near_LoA	-10,6479544	0,060	0,296
CHR3	15215668	CHR3:15215668	SSF x Near_LoA	-9,9258701	0,053	0,284
CHR3	15215702	CHR3:15215702	SSF x Near_LoA	-8,99338499	0,025	0,312
CHR3	15215786	CHR3:15215786	SSF x Near_LoA	-10,0556838	0,155	0,304
CHR3	15215796	CHR3:15215796	SSF x Near_LoA	-9,92660254	-0,050	0,315
CHR3	15215816	CHR3:15215816	SSF x Near_LoA	-11,308953	0,038	0,305
CHR3	15218208	CHR3:15218208	SSF x Near_LoA	-6,18743578	0,073	0,313
CHR3	15228993	CHR3:15228993	SSF x Near_LoA	-10,0499416	-0,086	0,319
CHR3	15229083	CHR3:15229083	SSF x Near_LoA	-8,79497023	-0,026	0,302
CHR3	15229185	CHR3:15229185	SSF x Near_LoA	-11,5341762	0,012	0,309
CHR3	15229187	CHR3:15229187	SSF x Near_LoA	-11,642608	0,026	0,309
CHR3	15230883	CHR3:15230883	SSF x Near_LoA	-8,92885599	-0,030	0,308
CHR3	15230884	CHR3:15230884	SSF x Near_LoA	-8,05110341	-0,080	0,302
CHR3	15230896	CHR3:15230896	SSF x Near_LoA	-7,26339485	-0,051	0,320
CHR3	15230907	CHR3:15230907	SSF x Near_LoA	-7,27340489	-0,091	0,300
CHR3	15230991	CHR3:15230991	SSF x Near_LoA	-9,45628035	0,058	0,294
CHR3	15230995	CHR3:15230995	SSF x Near_LoA	-6,33289134	0,094	0,312
CHR3	15230997	CHR3:15230997	SSF x Near_LoA	-8,18546048	0,052	0,315
CHR3	15231057	CHR3:15231057	SSF x Near_LoA	-8,81249966	-0,080	0,300
CHR3	15251770	CHR3:15251770	SSF x Near_LoA	-10,0085341	0,027	0,313
CHR3	15251816	CHR3:15251816	SSF x Near_LoA	-9,04155057	-0,118	0,293
CHR3	15267671	CHR3:15267671	SSF x Near_LoA	-9,30067944	-0,014	0,311
CHR3	15267688	CHR3:15267688	SSF x Near_LoA	-11,0787906	0,061	0,313
CHR3	15267765	CHR3:15267765	SSF x Near_LoA	-9,6531434	0,076	0,302
CHR3	15275234	CHR3:15275234	SSF x Near_LoA	-5,86451573	-0,070	0,306
CHR3	15275319	CHR3:15275319	SSF x Near_LoA	-8,56905624	0,021	0,303
CHR3	15275398	CHR3:15275398	SSF x Near_LoA	-10,9782219	0,010	0,301
CHR3	15284460	CHR3:15284460	SSF x Near_LoA	-10,8912392	-0,016	0,306
CHR3	15286708	CHR3:15286708	SSF x Near_LoA	-9,98827159	-0,003	0,319
CHR3	15288875	CHR3:15288875	SSF x Near_LoA	-5,61406694	0,099	0,306
CHR3	15288878	CHR3:15288878	SSF x Near_LoA	-10,2580681	0,105	0,289
CHR3	15288928	CHR3:15288928	SSF x Near_LoA	-10,3914393	0,035	0,314
CHR3	15297596	CHR3:15297596	SSF x Near_LoA	-8,1586433	-0,014	0,307
CHR3	15297632	CHR3:15297632	SSF x Near_LoA	-9,53244822	-0,034	0,295
CHR3	15297645	CHR3:15297645	SSF x Near_LoA	-4,37715021	-0,047	0,301
CHR3	15297725	CHR3:15297725	SSF x Near_LoA	-8,97240833	-0,080	0,310
CHR3	15297731	CHR3:15297731	SSF x Near_LoA	-8,98556062	0,050	0,301

CHR3	15297734	CHR3:15297734	SSF x Near_LoA	-7,98770078	0,031	0,325
CHR3	15297814	CHR3:15297814	SSF x Near_LoA	-7,56470702	-0,056	0,308
CHR3	15301598	CHR3:15301598	SSF x Near_LoA	-9,35626146	0,027	0,303
CHR3	15301811	CHR3:15301811	SSF x Near_LoA	-9,89685534	0,074	0,305
CHR3	15301812	CHR3:15301812	SSF x Near_LoA	-8,51294743	0,111	0,309
CHR3	15301836	CHR3:15301836	SSF x Near_LoA	-8,28397677	0,084	0,303
CHR3	15301842	CHR3:15301842	SSF x Near_LoA	-9,58663246	0,048	0,307
CHR3	15303881	CHR3:15303881	SSF x Near_LoA	-8,31630133	-0,040	0,317
CHR3	15303922	CHR3:15303922	SSF x Near_LoA	-9,1047965	-0,007	0,302
CHR3	15303954	CHR3:15303954	SSF x Near_LoA	-9,34888656	0,004	0,325
CHR3	15307923	CHR3:15307923	SSF x Near_LoA	-7,89285227	0,051	0,305
CHR3	15311490	CHR3:15311490	SSF x Near_LoA	-8,21557682	-0,111	0,306
CHR3	15311636	CHR3:15311636	SSF x Near_LoA	-9,9353207	-0,071	0,301
CHR3	15315127	CHR3:15315127	SSF x Near_LoA	-4,68461593	-0,111	0,307
CHR3	15321825	CHR3:15321825	SSF x Near_LoA	-10,8621256	0,015	0,311
CHR3	15321891	CHR3:15321891	SSF x Near_LoA	-8,49046637	0,089	0,311
CHR3	15322206	CHR3:15322206	SSF x Near_LoA	-8,30646365	0,115	0,315
CHR3	15322265	CHR3:15322265	SSF x Near_LoA	-7,75690691	0,108	0,309
CHR3	15355584	CHR3:15355584	SSF x Near_LoA	-10,9782155	0,050	0,304
CHR3	15355587	CHR3:15355587	SSF x Near_LoA	-9,13671974	0,054	0,309
CHR3	15363456	CHR3:15363456	SSF x Near_LoA	-10,5634405	0,051	0,300
CHR3	15363501	CHR3:15363501	SSF x Near_LoA	-9,33105424	0,033	0,309
CHR3	15364257	CHR3:15364257	SSF x Near_LoA	-8,68361953	0,061	0,297
CHR3	15367379	CHR3:15367379	SSF x Near_LoA	-8,43812789	-0,106	0,303
CHR3	15367455	CHR3:15367455	SSF x Near_LoA	-6,43352485	-0,071	0,312
CHR3	15371325	CHR3:15371325	SSF x Near_LoA	-9,38075658	-0,120	0,301
CHR3	15371343	CHR3:15371343	SSF x Near_LoA	-8,9280313	0,101	0,308
CHR3	15371376	CHR3:15371376	SSF x Near_LoA	-10,2755304	0,034	0,301
CHR3	15371591	CHR3:15371591	SSF x Near_LoA	-9,10325934	-0,035	0,323
CHR3	15379937	CHR3:15379937	SSF x Near_LoA	-9,73784511	0,016	0,298
CHR3	15380129	CHR3:15380129	SSF x Near_LoA	-9,19125059	0,023	0,309
CHR3	15386875	CHR3:15386875	SSF x Near_LoA	-10,5997555	0,011	0,305
CHR3	15386910	CHR3:15386910	SSF x Near_LoA	-7,35874834	0,089	0,308
CHR3	15387002	CHR3:15387002	SSF x Near_LoA	-9,73504124	0,115	0,297
CHR3	15392840	CHR3:15392840	SSF x Near_LoA	-8,43817857	0,084	0,308
CHR3	15392851	CHR3:15392851	SSF x Near_LoA	-9,13055506	-0,003	0,316
CHR3	15395310	CHR3:15395310	SSF x Near_LoA	-8,51998732	-0,082	0,308
CHR3	15399470	CHR3:15399470	SSF x Near_LoA	-7,14378733	0,162	0,297
CHR3	15401939	CHR3:15401939	SSF x Near_LoA	-9,50612831	0,053	0,306
CHR3	15409513	CHR3:15409513	SSF x Near_LoA	-8,46014857	0,043	0,321
CHR3	15409599	CHR3:15409599	SSF x Near_LoA	-7,61389544	0,023	0,307
CHR3	15412564	CHR3:15412564	SSF x Near_LoA	-7,29982325	-0,065	0,322
CHR3	15414802	CHR3:15414802	SSF x Near_LoA	-9,65450235	0,007	0,302
CHR3	15417066	CHR3:15417066	SSF x Near_LoA	-5,51641258	-0,009	0,331
CHR3	15418368	CHR3:15418368	SSF x Near_LoA	-11,9320925	-0,070	0,293
CHR3	15418392	CHR3:15418392	SSF x Near_LoA	-7,44166476	-0,054	0,311
CHR3	15418467	CHR3:15418467	SSF x Near_LoA	-9,17110374	-0,070	0,316
CHR3	15418515	CHR3:15418515	SSF x Near_LoA	-10,1187242	-0,063	0,305
CHR3	15432149	CHR3:15432149	SSF x Near_LoA	-9,37573002	-0,140	0,301
CHR3	15432154	CHR3:15432154	SSF x Near_LoA	-10,5318733	0,068	0,305
CHR3	15432168	CHR3:15432168	SSF x Near_LoA	-10,4652961	0,022	0,304
CHR3	15439600	CHR3:15439600	SSF x Near_LoA	-10,7860126	0,004	0,295
CHR3	15439647	CHR3:15439647	SSF x Near_LoA	-10,8494239	-0,039	0,299

CHR3	15440014	CHR3:15440014	SSF x Near_LoA	-11,8852517	-0,026	0,305
CHR3	15444343	CHR3:15444343	SSF x Near_LoA	-11,4442447	0,002	0,298
CHR3	15451914	CHR3:15451914	SSF x Near_LoA	-9,33685532	-0,005	0,304
CHR3	15451915	CHR3:15451915	SSF x Near_LoA	-10,0065728	0,001	0,314
CHR3	15454168	CHR3:15454168	SSF x Near_LoA	-10,3748353	0,040	0,299
CHR3	15462150	CHR3:15462150	SSF x Near_LoA	-10,9228123	0,036	0,299
CHR3	15462187	CHR3:15462187	SSF x Near_LoA	-9,0420341	-0,073	0,303
CHR3	15462205	CHR3:15462205	SSF x Near_LoA	-5,01083928	-0,103	0,307
CHR3	15468364	CHR3:15468364	SSF x Near_LoA	0,17729094	-0,135	0,301
CHR3	15476640	CHR3:15476640	SSF x Near_LoA	-11,5778906	-0,004	0,304
CHR3	15476662	CHR3:15476662	SSF x Near_LoA	-8,76330282	-0,049	0,319
CHR3	15480858	CHR3:15480858	SSF x Near_LoA	-6,89743442	0,052	0,321
CHR3	15483735	CHR3:15483735	SSF x Near_LoA	-9,4141285	0,040	0,303
CHR3	15483818	CHR3:15483818	SSF x Near_LoA	-9,00500301	-0,023	0,313
CHR3	15492485	CHR3:15492485	SSF x Near_LoA	-8,12430287	0,068	0,317
CHR3	15492491	CHR3:15492491	SSF x Near_LoA	-9,96888381	0,113	0,303
CHR3	15492511	CHR3:15492511	SSF x Near_LoA	-9,642063	0,043	0,304
CHR3	15494383	CHR3:15494383	SSF x Near_LoA	-4,03381719	0,087	0,319
CHR3	15494467	CHR3:15494467	SSF x Near_LoA	-8,65131733	-0,044	0,296
CHR3	15496992	CHR3:15496992	SSF x Near_LoA	-9,94957878	0,104	0,314
CHR3	15497008	CHR3:15497008	SSF x Near_LoA	-6,40345611	0,091	0,303
CHR3	15497034	CHR3:15497034	SSF x Near_LoA	-8,7901757	0,054	0,305
CHR3	15497289	CHR3:15497289	SSF x Near_LoA	-10,5121559	0,001	0,307
CHR3	15497331	CHR3:15497331	SSF x Near_LoA	-2,05470651	0,085	0,313
CHR3	15507505	CHR3:15507505	SSF x Near_LoA	-11,2643206	0,053	0,314
CHR3	15507642	CHR3:15507642	SSF x Near_LoA	-9,65144629	0,057	0,307
CHR3	15510068	CHR3:15510068	SSF x Near_LoA	-7,83864244	0,036	0,314
CHR3	15510157	CHR3:15510157	SSF x Near_LoA	-12,0431079	0,028	0,294
CHR3	15510175	CHR3:15510175	SSF x Near_LoA	-9,31653326	-0,086	0,295
CHR3	15510298	CHR3:15510298	SSF x Near_LoA	-10,2893926	0,091	0,312
CHR3	15524686	CHR3:15524686	SSF x Near_LoA	-9,36898182	-0,113	0,304
CHR3	15529525	CHR3:15529525	SSF x Near_LoA	-6,09961821	-0,116	0,313
CHR3	15529776	CHR3:15529776	SSF x Near_LoA	-9,66937	0,060	0,312
CHR3	15531177	CHR3:15531177	SSF x Near_LoA	-11,0031473	0,054	0,293
CHR3	15535505	CHR3:15535505	SSF x Near_LoA	-3,82297161	-0,050	0,308
CHR3	15574785	CHR3:15574785	SSF x Near_LoA	-9,16166054	-0,007	0,313
CHR3	15587935	CHR3:15587935	SSF x Near_LoA	-9,64348648	0,057	0,304
CHR3	15587991	CHR3:15587991	SSF x Near_LoA	-10,0645026	-0,048	0,309
CHR3	15596973	CHR3:15596973	SSF x Near_LoA	-8,67566699	-0,033	0,313
CHR3	15597051	CHR3:15597051	SSF x Near_LoA	-9,74818876	-0,057	0,306
CHR3	15635870	CHR3:15635870	SSF x Near_LoA	-7,5511106	0,062	0,316
CHR3	15635950	CHR3:15635950	SSF x Near_LoA	-3,63377331	0,186	0,306
CHR3	15637035	CHR3:15637035	SSF x Near_LoA	-9,64250274	-0,133	0,298
CHR3	15649949	CHR3:15649949	SSF x Near_LoA	-11,0390271	0,003	0,302
CHR3	15661856	CHR3:15661856	SSF x Near_LoA	-6,14342605	-0,086	0,309
CHR3	15664716	CHR3:15664716	SSF x Near_LoA	-10,364525	-0,103	0,295
CHR3	15664770	CHR3:15664770	SSF x Near_LoA	-8,24419939	-0,076	0,308
CHR3	1566642	CHR3:1566642	SSF x Near_LoA	-8,44627735	0,067	0,294
CHR3	15679344	CHR3:15679344	SSF x Near_LoA	-9,04096488	-0,156	0,307
CHR3	15679368	CHR3:15679368	SSF x Near_LoA	-5,12745332	-0,184	0,292
CHR3	15679406	CHR3:15679406	SSF x Near_LoA	-6,89538263	0,206	0,303
CHR3	15679450	CHR3:15679450	SSF x Near_LoA	-8,79128983	-0,109	0,318
CHR3	15681503	CHR3:15681503	SSF x Near_LoA	-9,96701794	0,007	0,313

CHR3	15684500	CHR3:15684500	SSF x Near_LoA	-9,91186823	0,034	0,311
CHR3	15684535	CHR3:15684535	SSF x Near_LoA	-5,88059704	0,129	0,306
CHR3	15684541	CHR3:15684541	SSF x Near_LoA	-9,20614623	0,038	0,296
CHR3	15684590	CHR3:15684590	SSF x Near_LoA	-9,38692931	-0,005	0,312
CHR3	15684593	CHR3:15684593	SSF x Near_LoA	-7,20467981	-0,036	0,317
CHR3	15684597	CHR3:15684597	SSF x Near_LoA	-6,17704293	-0,007	0,308
CHR3	15684599	CHR3:15684599	SSF x Near_LoA	-6,22467605	-0,137	0,319
CHR3	15684619	CHR3:15684619	SSF x Near_LoA	-8,5537817	0,154	0,299
CHR3	15684656	CHR3:15684656	SSF x Near_LoA	-10,265603	-0,060	0,306
CHR3	15693277	CHR3:15693277	SSF x Near_LoA	-10,5266231	0,021	0,319
CHR3	15693316	CHR3:15693316	SSF x Near_LoA	-8,99540347	0,057	0,309
CHR3	15693396	CHR3:15693396	SSF x Near_LoA	-9,59748807	0,078	0,298
CHR3	15696655	CHR3:15696655	SSF x Near_LoA	-9,9672074	0,108	0,312
CHR3	15697754	CHR3:15697754	SSF x Near_LoA	-10,9672254	0,039	0,307
CHR3	15697755	CHR3:15697755	SSF x Near_LoA	-7,61893577	0,039	0,313
CHR3	15697756	CHR3:15697756	SSF x Near_LoA	-8,00029272	0,106	0,316
CHR3	15704941	CHR3:15704941	SSF x Near_LoA	-10,5640031	-0,041	0,285
CHR3	15704950	CHR3:15704950	SSF x Near_LoA	-8,64966541	0,178	0,297
CHR3	15704957	CHR3:15704957	SSF x Near_LoA	-7,92811259	0,163	0,306
CHR3	15704976	CHR3:15704976	SSF x Near_LoA	-9,61862856	0,055	0,303
CHR3	15704982	CHR3:15704982	SSF x Near_LoA	-10,3369774	0,096	0,304
CHR3	15708531	CHR3:15708531	SSF x Near_LoA	-7,8298549	-0,051	0,303
CHR3	15708545	CHR3:15708545	SSF x Near_LoA	-9,31030736	0,028	0,302
CHR3	15708546	CHR3:15708546	SSF x Near_LoA	-2,74231509	0,012	0,305
CHR3	15708555	CHR3:15708555	SSF x Near_LoA	-9,05471469	-0,025	0,299
CHR3	15708587	CHR3:15708587	SSF x Near_LoA	-11,0770782	0,014	0,302
CHR3	15708614	CHR3:15708614	SSF x Near_LoA	-8,46948894	-0,121	0,317
CHR3	15708630	CHR3:15708630	SSF x Near_LoA	-6,77321212	-0,078	0,317
CHR3	15712607	CHR3:15712607	SSF x Near_LoA	-9,1138652	-0,033	0,303
CHR3	15712625	CHR3:15712625	SSF x Near_LoA	-8,79843068	-0,079	0,312
CHR3	15712657	CHR3:15712657	SSF x Near_LoA	-10,0751214	0,021	0,302
CHR3	15712801	CHR3:15712801	SSF x Near_LoA	-9,1208892	0,059	0,309
CHR3	15712805	CHR3:15712805	SSF x Near_LoA	-8,52071306	0,044	0,316
CHR3	15712807	CHR3:15712807	SSF x Near_LoA	-7,40090506	0,050	0,306
CHR3	15712818	CHR3:15712818	SSF x Near_LoA	-8,5838891	0,015	0,316
CHR3	15712827	CHR3:15712827	SSF x Near_LoA	-9,3001757	0,020	0,319
CHR3	15712837	CHR3:15712837	SSF x Near_LoA	-9,66713203	0,032	0,305
CHR3	15713954	CHR3:15713954	SSF x Near_LoA	-10,5885815	0,030	0,315
CHR3	15714004	CHR3:15714004	SSF x Near_LoA	-7,76990185	0,035	0,314
CHR3	15714210	CHR3:15714210	SSF x Near_LoA	-6,38837289	0,085	0,318
CHR3	15714273	CHR3:15714273	SSF x Near_LoA	-12,3642994	-0,010	0,310
CHR3	15741205	CHR3:15741205	SSF x Near_LoA	-9,43150563	0,033	0,313
CHR3	15741303	CHR3:15741303	SSF x Near_LoA	-9,13004968	0,025	0,307
CHR3	15741394	CHR3:15741394	SSF x Near_LoA	-9,89691011	0,017	0,308
CHR3	15755009	CHR3:15755009	SSF x Near_LoA	-9,64319828	-0,027	0,312
CHR3	15755305	CHR3:15755305	SSF x Near_LoA	-11,1438101	0,147	0,304
CHR3	15764532	CHR3:15764532	SSF x Near_LoA	-8,99352908	0,006	0,325
CHR3	15764559	CHR3:15764559	SSF x Near_LoA	-10,250922	0,032	0,313
CHR3	15764560	CHR3:15764560	SSF x Near_LoA	-8,70996905	0,090	0,309
CHR3	15764585	CHR3:15764585	SSF x Near_LoA	-6,89576679	0,147	0,298
CHR3	15764589	CHR3:15764589	SSF x Near_LoA	-6,20879843	0,100	0,299
CHR3	15764590	CHR3:15764590	SSF x Near_LoA	-7,62632758	0,134	0,312
CHR3	15766291	CHR3:15766291	SSF x Near_LoA	-2,64402029	-0,073	0,314

CHR3	15766327	CHR3:15766327	SSF x Near_LoA	-7,12213983	0,055	0,309
CHR3	15766336	CHR3:15766336	SSF x Near_LoA	-9,88773912	0,026	0,314
CHR3	15766339	CHR3:15766339	SSF x Near_LoA	-8,03964103	-0,047	0,304
CHR3	15766387	CHR3:15766387	SSF x Near_LoA	-7,92445183	0,021	0,309
CHR3	15766390	CHR3:15766390	SSF x Near_LoA	-10,9305134	0,023	0,305
CHR3	15766396	CHR3:15766396	SSF x Near_LoA	-7,62976045	0,091	0,313
CHR3	15766405	CHR3:15766405	SSF x Near_LoA	-10,696924	0,042	0,309
CHR3	15766408	CHR3:15766408	SSF x Near_LoA	-9,35941946	0,050	0,311
CHR3	15766413	CHR3:15766413	SSF x Near_LoA	-10,9696499	0,034	0,306
CHR3	15766439	CHR3:15766439	SSF x Near_LoA	-8,10240781	-0,082	0,312
CHR3	15766476	CHR3:15766476	SSF x Near_LoA	-5,66278898	-0,027	0,308
CHR3	15766484	CHR3:15766484	SSF x Near_LoA	-12,2157234	-0,002	0,313
CHR3	15766507	CHR3:15766507	SSF x Near_LoA	-9,14019833	0,078	0,310
CHR3	15769497	CHR3:15769497	SSF x Near_LoA	-9,35018031	-0,059	0,312
CHR3	15769580	CHR3:15769580	SSF x Near_LoA	-10,5286481	-0,056	0,311
CHR3	15769596	CHR3:15769596	SSF x Near_LoA	-9,6171988	-0,038	0,303
CHR3	15771462	CHR3:15771462	SSF x Near_LoA	-11,2459054	0,012	0,315
CHR3	15771473	CHR3:15771473	SSF x Near_LoA	1,04668982	0,131	0,309
CHR3	15771474	CHR3:15771474	SSF x Near_LoA	-9,36510944	-0,071	0,309
CHR3	15771523	CHR3:15771523	SSF x Near_LoA	-11,3206502	0,007	0,311
CHR3	15771584	CHR3:15771584	SSF x Near_LoA	-6,72296551	0,104	0,314
CHR3	15771622	CHR3:15771622	SSF x Near_LoA	-8,36722876	-0,016	0,308
CHR3	15771672	CHR3:15771672	SSF x Near_LoA	-9,61033288	-0,054	0,321
CHR3	15783485	CHR3:15783485	SSF x Near_LoA	-8,93737686	-0,010	0,299
CHR3	15783489	CHR3:15783489	SSF x Near_LoA	-8,9280192	0,140	0,302
CHR3	15783525	CHR3:15783525	SSF x Near_LoA	0,26809413	0,219	0,290
CHR3	15783527	CHR3:15783527	SSF x Near_LoA	-6,94780164	-0,216	0,291
CHR3	15783579	CHR3:15783579	SSF x Near_LoA	-3,03932519	0,196	0,291
CHR3	15783603	CHR3:15783603	SSF x Near_LoA	-7,73898065	-0,061	0,312
CHR3	15805455	CHR3:15805455	SSF x Near_LoA	-9,00667229	-0,059	0,321
CHR3	15805476	CHR3:15805476	SSF x Near_LoA	-7,45025787	-0,002	0,324
CHR3	15807178	CHR3:15807178	SSF x Near_LoA	-9,21879174	0,113	0,304
CHR3	15807277	CHR3:15807277	SSF x Near_LoA	-8,13143204	0,021	0,315
CHR3	15812183	CHR3:15812183	SSF x Near_LoA	-9,51791236	0,092	0,319
CHR3	15825106	CHR3:15825106	SSF x Near_LoA	-11,8393885	0,005	0,300
CHR3	15825505	CHR3:15825505	SSF x Near_LoA	-7,46114502	-0,045	0,305
CHR3	15828970	CHR3:15828970	SSF x Near_LoA	-10,7727389	0,027	0,305
CHR3	15829081	CHR3:15829081	SSF x Near_LoA	-8,92421311	-0,048	0,303
CHR3	15830259	CHR3:15830259	SSF x Near_LoA	-9,47982557	0,035	0,307
CHR3	15831306	CHR3:15831306	SSF x Near_LoA	-10,4369675	-0,111	0,297
CHR3	15831310	CHR3:15831310	SSF x Near_LoA	-9,01399363	-0,085	0,301
CHR3	15832767	CHR3:15832767	SSF x Near_LoA	-8,74724052	0,068	0,329
CHR3	15832774	CHR3:15832774	SSF x Near_LoA	-8,99319802	-0,056	0,320
CHR3	15837849	CHR3:15837849	SSF x Near_LoA	-3,3352855	0,020	0,308
CHR3	15860260	CHR3:15860260	SSF x Near_LoA	-11,6232652	-0,043	0,307
CHR3	15868359	CHR3:15868359	SSF x Near_LoA	-9,02124976	-0,049	0,314
CHR3	15868370	CHR3:15868370	SSF x Near_LoA	-6,49952399	0,071	0,310
CHR3	15868403	CHR3:15868403	SSF x Near_LoA	-6,27775305	-0,149	0,307
CHR3	15868443	CHR3:15868443	SSF x Near_LoA	-7,53030723	-0,096	0,311
CHR3	15868453	CHR3:15868453	SSF x Near_LoA	-8,66574105	-0,037	0,307
CHR3	15868462	CHR3:15868462	SSF x Near_LoA	-6,50546395	-0,047	0,308
CHR3	15870170	CHR3:15870170	SSF x Near_LoA	-10,0174299	0,008	0,296
CHR3	15870183	CHR3:15870183	SSF x Near_LoA	-6,74273858	0,003	0,301

CHR3	15872633	CHR3:15872633	SSF x Near_LoA	-12,0836659	0,028	0,302
CHR3	15872785	CHR3:15872785	SSF x Near_LoA	-11,7413705	0,012	0,308
CHR3	15872841	CHR3:15872841	SSF x Near_LoA	-9,76925864	-0,074	0,302
CHR3	15875793	CHR3:15875793	SSF x Near_LoA	-9,24364253	-0,038	0,302
CHR3	15875988	CHR3:15875988	SSF x Near_LoA	-10,9859367	0,056	0,311
CHR3	15880523	CHR3:15880523	SSF x Near_LoA	-10,5057743	-0,045	0,303
CHR3	15880561	CHR3:15880561	SSF x Near_LoA	-11,3880682	0,010	0,306
CHR3	15880617	CHR3:15880617	SSF x Near_LoA	-10,9278175	-0,047	0,302
CHR3	15888085	CHR3:15888085	SSF x Near_LoA	-7,74801475	0,020	0,314
CHR3	15888153	CHR3:15888153	SSF x Near_LoA	-9,50366177	-0,065	0,310
CHR3	15892043	CHR3:15892043	SSF x Near_LoA	-6,48150792	0,074	0,320
CHR3	15892054	CHR3:15892054	SSF x Near_LoA	-8,75387482	0,048	0,305
CHR3	15892078	CHR3:15892078	SSF x Near_LoA	-8,52818946	0,066	0,309
CHR3	15895390	CHR3:15895390	SSF x Near_LoA	-8,81906282	0,052	0,295
CHR3	15906058	CHR3:15906058	SSF x Near_LoA	-6,19527587	0,066	0,307
CHR3	15906059	CHR3:15906059	SSF x Near_LoA	-8,77931367	0,144	0,308
CHR3	15906091	CHR3:15906091	SSF x Near_LoA	-8,39347606	0,058	0,308
CHR3	15906152	CHR3:15906152	SSF x Near_LoA	-1,3163898	0,017	0,299
CHR3	15908880	CHR3:15908880	SSF x Near_LoA	-10,5257125	0,035	0,307
CHR3	15911476	CHR3:15911476	SSF x Near_LoA	-11,4682279	0,092	0,303
CHR3	15911496	CHR3:15911496	SSF x Near_LoA	-7,68696412	-0,016	0,300
CHR3	15911502	CHR3:15911502	SSF x Near_LoA	-10,1327229	-0,028	0,316
CHR3	15911513	CHR3:15911513	SSF x Near_LoA	-6,6954581	0,035	0,305
CHR3	15911569	CHR3:15911569	SSF x Near_LoA	-7,37447959	0,018	0,303
CHR3	15911570	CHR3:15911570	SSF x Near_LoA	-6,50590402	0,139	0,302
CHR3	15915081	CHR3:15915081	SSF x Near_LoA	-6,87031338	-0,097	0,304
CHR3	15915111	CHR3:15915111	SSF x Near_LoA	-7,39831023	-0,045	0,308
CHR3	15918901	CHR3:15918901	SSF x Near_LoA	-10,445733	0,136	0,302
CHR3	15918907	CHR3:15918907	SSF x Near_LoA	-11,6202164	-0,076	0,301
CHR3	15918927	CHR3:15918927	SSF x Near_LoA	-8,5595546	-0,035	0,314
CHR3	15921297	CHR3:15921297	SSF x Near_LoA	-7,10266649	0,118	0,309
CHR3	15921342	CHR3:15921342	SSF x Near_LoA	-10,1486719	0,019	0,316
CHR3	15924232	CHR3:15924232	SSF x Near_LoA	-8,36052709	0,024	0,313
CHR3	15924257	CHR3:15924257	SSF x Near_LoA	-8,30399766	0,120	0,286
CHR3	15924267	CHR3:15924267	SSF x Near_LoA	-9,26552324	0,109	0,296
CHR3	15924310	CHR3:15924310	SSF x Near_LoA	-8,74414444	-0,134	0,308
CHR3	15924328	CHR3:15924328	SSF x Near_LoA	-9,19391072	-0,122	0,308
CHR3	15924385	CHR3:15924385	SSF x Near_LoA	-7,74611326	0,083	0,317
CHR3	15924457	CHR3:15924457	SSF x Near_LoA	-9,52999645	0,059	0,295
CHR3	15929995	CHR3:15929995	SSF x Near_LoA	-8,32133297	-0,061	0,299
CHR3	15930011	CHR3:15930011	SSF x Near_LoA	-7,91373589	0,082	0,311
CHR3	15930017	CHR3:15930017	SSF x Near_LoA	-8,96841485	0,025	0,300
CHR3	15930053	CHR3:15930053	SSF x Near_LoA	-9,36278629	-0,076	0,309
CHR3	15930181	CHR3:15930181	SSF x Near_LoA	-8,1738403	0,094	0,309
CHR3	15937861	CHR3:15937861	SSF x Near_LoA	-9,60764874	-0,023	0,303
CHR3	15937884	CHR3:15937884	SSF x Near_LoA	-8,05670466	-0,023	0,312
CHR3	15937935	CHR3:15937935	SSF x Near_LoA	-8,35926619	-0,053	0,323
CHR3	15938028	CHR3:15938028	SSF x Near_LoA	-10,416771	0,027	0,309
CHR3	15948749	CHR3:15948749	SSF x Near_LoA	-10,2348236	-0,043	0,296
CHR3	15948763	CHR3:15948763	SSF x Near_LoA	-9,23561331	-0,086	0,289
CHR3	15948772	CHR3:15948772	SSF x Near_LoA	-9,3616774	0,060	0,310
CHR3	15948827	CHR3:15948827	SSF x Near_LoA	-9,21537738	-0,015	0,305
CHR3	15950104	CHR3:15950104	SSF x Near_LoA	-7,92060114	0,097	0,298

CHR3	15950204	CHR3:15950204	SSF x Near_LoA	-9,57989678	0,069	0,316
CHR3	15952687	CHR3:15952687	SSF x Near_LoA	-7,91513771	0,014	0,315
CHR3	15952714	CHR3:15952714	SSF x Near_LoA	-10,5758941	-0,001	0,313
CHR3	15967709	CHR3:15967709	SSF x Near_LoA	-10,0204893	-0,044	0,306
CHR3	15972104	CHR3:15972104	SSF x Near_LoA	-7,72720173	-0,082	0,301
CHR3	15972118	CHR3:15972118	SSF x Near_LoA	-6,61238016	0,156	0,301
CHR3	15972181	CHR3:15972181	SSF x Near_LoA	-7,37118807	0,110	0,301
CHR3	15972324	CHR3:15972324	SSF x Near_LoA	-8,69040727	0,076	0,298
CHR3	15972338	CHR3:15972338	SSF x Near_LoA	-8,0508821	-0,160	0,302
CHR3	15983824	CHR3:15983824	SSF x Near_LoA	-7,99406329	-0,031	0,309
CHR3	15985908	CHR3:15985908	SSF x Near_LoA	-7,52522129	0,138	0,302
CHR3	15985954	CHR3:15985954	SSF x Near_LoA	-7,10985778	0,135	0,302
CHR3	15985957	CHR3:15985957	SSF x Near_LoA	-10,4292503	0,058	0,300
CHR3	15985987	CHR3:15985987	SSF x Near_LoA	-10,4089126	0,013	0,316
CHR3	15986008	CHR3:15986008	SSF x Near_LoA	-6,69887827	-0,029	0,312
CHR3	15986022	CHR3:15986022	SSF x Near_LoA	-8,30780363	0,130	0,290
CHR3	15989221	CHR3:15989221	SSF x Near_LoA	-7,32147647	-0,093	0,310
CHR3	15993745	CHR3:15993745	SSF x Near_LoA	-9,9440451	-0,054	0,319
CHR3	16007881	CHR3:16007881	SSF x Near_LoA	-11,3794777	-0,013	0,299
CHR3	16008106	CHR3:16008106	SSF x Near_LoA	1,87337763	0,097	0,301
CHR3	16008108	CHR3:16008108	SSF x Near_LoA	-7,3050928	0,083	0,299
CHR3	16016791	CHR3:16016791	SSF x Near_LoA	-10,4324712	0,051	0,321
CHR3	16016890	CHR3:16016890	SSF x Near_LoA	-4,40770553	-0,029	0,311
CHR3	16016975	CHR3:16016975	SSF x Near_LoA	-9,99784112	0,066	0,298
CHR3	16024560	CHR3:16024560	SSF x Near_LoA	-8,20850404	0,058	0,306
CHR3	16029379	CHR3:16029379	SSF x Near_LoA	-9,897528	-0,004	0,308
CHR3	16035036	CHR3:16035036	SSF x Near_LoA	-2,36287151	-0,160	0,292
CHR3	16037209	CHR3:16037209	SSF x Near_LoA	-10,2363964	0,067	0,306
CHR3	16037227	CHR3:16037227	SSF x Near_LoA	-9,44150437	-0,073	0,296
CHR3	16037238	CHR3:16037238	SSF x Near_LoA	-11,0929521	-0,022	0,314
CHR3	16037247	CHR3:16037247	SSF x Near_LoA	-8,78855576	-0,082	0,305
CHR3	16058707	CHR3:16058707	SSF x Near_LoA	-8,97755885	0,076	0,312
CHR3	16058715	CHR3:16058715	SSF x Near_LoA	-9,76370753	0,051	0,300
CHR3	16061298	CHR3:16061298	SSF x Near_LoA	-8,34459697	-0,111	0,307
CHR3	16061317	CHR3:16061317	SSF x Near_LoA	-8,92994544	-0,033	0,323
CHR3	16072485	CHR3:16072485	SSF x Near_LoA	-8,91492945	-0,086	0,304
CHR3	16072685	CHR3:16072685	SSF x Near_LoA	-7,67892796	0,049	0,300
CHR3	16080389	CHR3:16080389	SSF x Near_LoA	-8,60823898	0,041	0,313
CHR3	16080398	CHR3:16080398	SSF x Near_LoA	-8,70802527	0,013	0,311
CHR3	16080405	CHR3:16080405	SSF x Near_LoA	-9,53384902	-0,012	0,307
CHR3	16080524	CHR3:16080524	SSF x Near_LoA	-10,2716938	-0,087	0,308
CHR3	16080530	CHR3:16080530	SSF x Near_LoA	-7,53690201	-0,140	0,304
CHR3	16090156	CHR3:16090156	SSF x Near_LoA	-7,6296304	-0,089	0,298
CHR3	16090347	CHR3:16090347	SSF x Near_LoA	-9,83843743	0,050	0,323
CHR3	16105770	CHR3:16105770	SSF x Near_LoA	-9,64212503	0,080	0,321
CHR3	16105773	CHR3:16105773	SSF x Near_LoA	-10,7878323	0,019	0,316
CHR3	16111473	CHR3:16111473	SSF x Near_LoA	-8,39221563	0,062	0,307
CHR3	16111474	CHR3:16111474	SSF x Near_LoA	-9,82563762	0,009	0,307
CHR3	16111487	CHR3:16111487	SSF x Near_LoA	-8,7946614	-0,004	0,314
CHR3	16111488	CHR3:16111488	SSF x Near_LoA	-9,47434009	-0,007	0,305
CHR3	16111549	CHR3:16111549	SSF x Near_LoA	-9,22115615	-0,038	0,315
CHR3	16111551	CHR3:16111551	SSF x Near_LoA	-6,89068531	-0,073	0,305
CHR3	16112857	CHR3:16112857	SSF x Near_LoA	-10,874971	-0,114	0,308

CHR3	16113923	CHR3:16113923	SSF x Near_LoA	-10,8512307	-0,082	0,299
CHR3	16114057	CHR3:16114057	SSF x Near_LoA	-10,8960918	0,066	0,303
CHR3	16114140	CHR3:16114140	SSF x Near_LoA	-11,7893352	0,029	0,301
CHR3	16132683	CHR3:16132683	SSF x Near_LoA	-8,43237542	0,006	0,291
CHR3	16132687	CHR3:16132687	SSF x Near_LoA	-9,45237526	0,040	0,293
CHR3	16132854	CHR3:16132854	SSF x Near_LoA	-11,047474	-0,037	0,299
CHR3	16134935	CHR3:16134935	SSF x Near_LoA	-10,4842673	0,000	0,323
CHR3	16134944	CHR3:16134944	SSF x Near_LoA	-11,0080357	-0,004	0,322
CHR3	16134945	CHR3:16134945	SSF x Near_LoA	-10,6190022	0,009	0,302
CHR3	16134960	CHR3:16134960	SSF x Near_LoA	-9,93578964	0,045	0,308
CHR3	16135014	CHR3:16135014	SSF x Near_LoA	-7,83184296	-0,011	0,296
CHR3	16135043	CHR3:16135043	SSF x Near_LoA	-10,1990033	0,014	0,310
CHR3	16135068	CHR3:16135068	SSF x Near_LoA	-11,1060966	-0,020	0,312
CHR3	16139060	CHR3:16139060	SSF x Near_LoA	-3,45521413	-0,185	0,299
CHR3	16186649	CHR3:16186649	SSF x Near_LoA	-9,34311726	0,028	0,295
CHR3	16189425	CHR3:16189425	SSF x Near_LoA	-5,91456639	-0,071	0,287
CHR3	16189466	CHR3:16189466	SSF x Near_LoA	-8,95506181	-0,092	0,316
CHR3	16189548	CHR3:16189548	SSF x Near_LoA	-8,01676329	0,066	0,307
CHR3	16189551	CHR3:16189551	SSF x Near_LoA	-8,58635195	0,082	0,312
CHR3	16189575	CHR3:16189575	SSF x Near_LoA	-9,20308631	-0,073	0,288
CHR3	16189620	CHR3:16189620	SSF x Near_LoA	-8,43606895	0,030	0,318
CHR3	16189621	CHR3:16189621	SSF x Near_LoA	-8,75201689	-0,054	0,306
CHR3	16193730	CHR3:16193730	SSF x Near_LoA	-9,94905641	-0,039	0,317
CHR3	16193901	CHR3:16193901	SSF x Near_LoA	-8,91707992	0,013	0,309
CHR3	16193927	CHR3:16193927	SSF x Near_LoA	-9,61436386	-0,005	0,316
CHR3	16193953	CHR3:16193953	SSF x Near_LoA	-8,47469681	-0,065	0,313
CHR3	1619804	CHR3:1619804	SSF x Near_LoA	-8,14395878	0,111	0,299
CHR3	1619955	CHR3:1619955	SSF x Near_LoA	-6,66921932	0,137	0,295
CHR3	16208950	CHR3:16208950	SSF x Near_LoA	-11,6792583	-0,027	0,305
CHR3	16212659	CHR3:16212659	SSF x Near_LoA	-9,48557022	0,159	0,308
CHR3	16212711	CHR3:16212711	SSF x Near_LoA	-9,4116076	-0,005	0,300
CHR3	16230282	CHR3:16230282	SSF x Near_LoA	-8,51166144	0,067	0,313
CHR3	16230298	CHR3:16230298	SSF x Near_LoA	-3,60500818	0,125	0,314
CHR3	16230336	CHR3:16230336	SSF x Near_LoA	-4,50409377	-0,173	0,304
CHR3	16230474	CHR3:16230474	SSF x Near_LoA	-9,21466572	0,072	0,306
CHR3	16230496	CHR3:16230496	SSF x Near_LoA	-9,23603055	-0,060	0,321
CHR3	16249007	CHR3:16249007	SSF x Near_LoA	-9,35679871	0,100	0,303
CHR3	16262031	CHR3:16262031	SSF x Near_LoA	-8,75686214	0,002	0,307
CHR3	16262070	CHR3:16262070	SSF x Near_LoA	-10,1593146	0,045	0,308
CHR3	16262117	CHR3:16262117	SSF x Near_LoA	-9,76252363	-0,112	0,310
CHR3	16262153	CHR3:16262153	SSF x Near_LoA	-9,87545172	-0,003	0,299
CHR3	16263587	CHR3:16263587	SSF x Near_LoA	-11,7456198	-0,089	0,313
CHR3	16274609	CHR3:16274609	SSF x Near_LoA	-9,50215412	-0,030	0,310
CHR3	16274653	CHR3:16274653	SSF x Near_LoA	-8,73227748	0,080	0,306
CHR3	16274714	CHR3:16274714	SSF x Near_LoA	-8,83255805	-0,031	0,317
CHR3	16282339	CHR3:16282339	SSF x Near_LoA	-10,8039008	-0,011	0,307
CHR3	16284868	CHR3:16284868	SSF x Near_LoA	-8,53493866	-0,086	0,314
CHR3	16284941	CHR3:16284941	SSF x Near_LoA	-8,65315039	-0,036	0,312
CHR3	16284960	CHR3:16284960	SSF x Near_LoA	-10,0133421	-0,053	0,320
CHR3	16303533	CHR3:16303533	SSF x Near_LoA	-10,9604386	-0,033	0,302
CHR3	16303647	CHR3:16303647	SSF x Near_LoA	-9,14413589	-0,045	0,301
CHR3	16303788	CHR3:16303788	SSF x Near_LoA	-9,9938188	0,095	0,311
CHR3	16305380	CHR3:16305380	SSF x Near_LoA	-10,1779356	-0,021	0,296

CHR3	16322511	CHR3:16322511	SSF x Near_LoA	-7,4765528	0,084	0,301
CHR3	16322539	CHR3:16322539	SSF x Near_LoA	-6,53493156	0,139	0,298
CHR3	16322583	CHR3:16322583	SSF x Near_LoA	-9,05086234	0,095	0,300
CHR3	16323979	CHR3:16323979	SSF x Near_LoA	-9,66665169	0,083	0,313
CHR3	16328139	CHR3:16328139	SSF x Near_LoA	-1,76219079	-0,120	0,314
CHR3	16332145	CHR3:16332145	SSF x Near_LoA	-10,3021006	-0,045	0,310
CHR3	16332172	CHR3:16332172	SSF x Near_LoA	-9,60663034	-0,035	0,307
CHR3	16332244	CHR3:16332244	SSF x Near_LoA	-8,95822669	-0,117	0,291
CHR3	16332265	CHR3:16332265	SSF x Near_LoA	-3,08928258	-0,109	0,301
CHR3	16336834	CHR3:16336834	SSF x Near_LoA	-8,59306642	-0,104	0,309
CHR3	16336861	CHR3:16336861	SSF x Near_LoA	-8,89164284	-0,043	0,299
CHR3	16336908	CHR3:16336908	SSF x Near_LoA	-8,78864171	-0,052	0,301
CHR3	16336914	CHR3:16336914	SSF x Near_LoA	-9,16710785	-0,024	0,301
CHR3	16336921	CHR3:16336921	SSF x Near_LoA	-7,22699999	-0,017	0,302
CHR3	16336956	CHR3:16336956	SSF x Near_LoA	-8,31412915	-0,019	0,312
CHR3	16340273	CHR3:16340273	SSF x Near_LoA	-5,96595773	-0,074	0,312
CHR3	16350272	CHR3:16350272	SSF x Near_LoA	-7,09781096	-0,022	0,313
CHR3	16357020	CHR3:16357020	SSF x Near_LoA	-1,07768705	-0,099	0,313
CHR3	16364679	CHR3:16364679	SSF x Near_LoA	-5,86662615	-0,188	0,306
CHR3	16364924	CHR3:16364924	SSF x Near_LoA	-3,48157073	-0,070	0,315
CHR3	16379042	CHR3:16379042	SSF x Near_LoA	-9,49578698	0,043	0,313
CHR3	16379144	CHR3:16379144	SSF x Near_LoA	-8,95155143	-0,082	0,310
CHR3	16379191	CHR3:16379191	SSF x Near_LoA	-10,9593535	-0,118	0,303
CHR3	16388353	CHR3:16388353	SSF x Near_LoA	-9,55635102	-0,079	0,310
CHR3	16388354	CHR3:16388354	SSF x Near_LoA	-8,76810167	-0,110	0,308
CHR3	16388364	CHR3:16388364	SSF x Near_LoA	-8,63907386	-0,033	0,298
CHR3	16388366	CHR3:16388366	SSF x Near_LoA	-9,52550571	-0,013	0,313
CHR3	16388372	CHR3:16388372	SSF x Near_LoA	-5,40419392	0,016	0,313
CHR3	16388374	CHR3:16388374	SSF x Near_LoA	-8,90532658	0,019	0,319
CHR3	16388375	CHR3:16388375	SSF x Near_LoA	-9,20226192	-0,019	0,295
CHR3	16388416	CHR3:16388416	SSF x Near_LoA	-10,1864056	0,053	0,304
CHR3	16388426	CHR3:16388426	SSF x Near_LoA	-8,06978883	0,008	0,307
CHR3	16406868	CHR3:16406868	SSF x Near_LoA	-7,7104786	-0,042	0,309
CHR3	16407001	CHR3:16407001	SSF x Near_LoA	-9,49204078	0,017	0,299
CHR3	16407064	CHR3:16407064	SSF x Near_LoA	-9,61980552	0,078	0,313
CHR3	16408519	CHR3:16408519	SSF x Near_LoA	-3,94774769	0,098	0,296
CHR3	16408634	CHR3:16408634	SSF x Near_LoA	-9,86937262	-0,052	0,314
CHR3	16408674	CHR3:16408674	SSF x Near_LoA	-9,28605363	0,028	0,301
CHR3	16408687	CHR3:16408687	SSF x Near_LoA	-9,94908255	0,044	0,309
CHR3	16408698	CHR3:16408698	SSF x Near_LoA	-9,39763779	-0,011	0,323
CHR3	16415145	CHR3:16415145	SSF x Near_LoA	-9,04550754	0,004	0,304
CHR3	16415184	CHR3:16415184	SSF x Near_LoA	-6,98520596	-0,105	0,314
CHR3	16415185	CHR3:16415185	SSF x Near_LoA	-9,50236257	-0,092	0,293
CHR3	16415242	CHR3:16415242	SSF x Near_LoA	-11,7877934	0,035	0,302
CHR3	16419636	CHR3:16419636	SSF x Near_LoA	-8,45265093	0,027	0,302
CHR3	16421052	CHR3:16421052	SSF x Near_LoA	-7,73501082	0,146	0,302
CHR3	16421076	CHR3:16421076	SSF x Near_LoA	-11,4862997	-0,041	0,310
CHR3	16421134	CHR3:16421134	SSF x Near_LoA	-8,54636137	0,052	0,315
CHR3	16421135	CHR3:16421135	SSF x Near_LoA	-9,466262	0,044	0,310
CHR3	16421213	CHR3:16421213	SSF x Near_LoA	-8,84433796	-0,074	0,300
CHR3	16430258	CHR3:16430258	SSF x Near_LoA	-10,2439194	-0,006	0,309
CHR3	16436439	CHR3:16436439	SSF x Near_LoA	-10,8089226	0,014	0,314
CHR3	16436448	CHR3:16436448	SSF x Near_LoA	-10,6773512	0,045	0,303

CHR3	16444272	CHR3:16444272	SSF x Near_LoA	-4,41311301	-0,083	0,317
CHR3	16444293	CHR3:16444293	SSF x Near_LoA	-6,14250001	0,069	0,308
CHR3	16471627	CHR3:16471627	SSF x Near_LoA	-8,52273983	0,108	0,294
CHR3	16471677	CHR3:16471677	SSF x Near_LoA	-8,64596204	0,045	0,310
CHR3	16471705	CHR3:16471705	SSF x Near_LoA	-8,94915285	0,024	0,312
CHR3	16473582	CHR3:16473582	SSF x Near_LoA	-9,59439807	-0,002	0,313
CHR3	16501812	CHR3:16501812	SSF x Near_LoA	-8,88272206	-0,030	0,303
CHR3	16511313	CHR3:16511313	SSF x Near_LoA	-9,11161377	-0,038	0,309
CHR3	16511318	CHR3:16511318	SSF x Near_LoA	-5,80354899	0,076	0,304
CHR3	16511593	CHR3:16511593	SSF x Near_LoA	-10,6394116	0,053	0,307
CHR3	16518411	CHR3:16518411	SSF x Near_LoA	-8,58093193	0,049	0,306
CHR3	16531247	CHR3:16531247	SSF x Near_LoA	-6,69297006	-0,174	0,293
CHR3	16534489	CHR3:16534489	SSF x Near_LoA	-9,88532155	0,020	0,315
CHR3	16557282	CHR3:16557282	SSF x Near_LoA	-8,02722945	0,051	0,306
CHR3	16567872	CHR3:16567872	SSF x Near_LoA	-6,38666456	0,043	0,303
CHR3	16575177	CHR3:16575177	SSF x Near_LoA	-4,08484909	0,051	0,311
CHR3	16575785	CHR3:16575785	SSF x Near_LoA	-7,85660047	0,116	0,294
CHR3	16575820	CHR3:16575820	SSF x Near_LoA	-7,41224156	0,007	0,303
CHR3	16589444	CHR3:16589444	SSF x Near_LoA	-7,59942014	0,073	0,298
CHR3	16589487	CHR3:16589487	SSF x Near_LoA	-8,75682551	0,061	0,303
CHR3	16589502	CHR3:16589502	SSF x Near_LoA	-9,55992495	0,079	0,306
CHR3	16589503	CHR3:16589503	SSF x Near_LoA	-9,06702217	0,087	0,306
CHR3	16589505	CHR3:16589505	SSF x Near_LoA	-8,57814633	0,042	0,298
CHR3	16619755	CHR3:16619755	SSF x Near_LoA	-9,77473325	-0,109	0,282
CHR3	16619779	CHR3:16619779	SSF x Near_LoA	-9,65956998	-0,011	0,299
CHR3	16638662	CHR3:16638662	SSF x Near_LoA	-8,44221328	-0,015	0,318
CHR3	16638674	CHR3:16638674	SSF x Near_LoA	-11,801715	0,059	0,309
CHR3	16659175	CHR3:16659175	SSF x Near_LoA	-9,42051578	0,100	0,310
CHR3	16659187	CHR3:16659187	SSF x Near_LoA	-10,5913928	0,076	0,310
CHR3	16675029	CHR3:16675029	SSF x Near_LoA	-12,1634403	0,013	0,305
CHR3	16686011	CHR3:16686011	SSF x Near_LoA	-8,73937725	0,133	0,307
CHR3	16686027	CHR3:16686027	SSF x Near_LoA	-4,07486941	0,079	0,307
CHR3	16686102	CHR3:16686102	SSF x Near_LoA	-8,39201446	-0,133	0,298
CHR3	16700582	CHR3:16700582	SSF x Near_LoA	-4,33655267	0,067	0,284
CHR3	16700631	CHR3:16700631	SSF x Near_LoA	-8,48436999	0,140	0,299
CHR3	1670563	CHR3:1670563	SSF x Near_LoA	-9,67024758	-0,120	0,288
CHR3	16720730	CHR3:16720730	SSF x Near_LoA	-8,16069631	0,089	0,303
CHR3	16720731	CHR3:16720731	SSF x Near_LoA	-8,91343682	0,056	0,298
CHR3	16725851	CHR3:16725851	SSF x Near_LoA	-8,25225453	-0,059	0,310
CHR3	16725969	CHR3:16725969	SSF x Near_LoA	-9,74621171	0,022	0,305
CHR3	16726073	CHR3:16726073	SSF x Near_LoA	-10,9197492	0,010	0,310
CHR3	16740353	CHR3:16740353	SSF x Near_LoA	-8,39427868	-0,071	0,318
CHR3	16740366	CHR3:16740366	SSF x Near_LoA	-8,84428057	-0,059	0,324
CHR3	16741033	CHR3:16741033	SSF x Near_LoA	-7,92932735	0,087	0,307
CHR3	16741093	CHR3:16741093	SSF x Near_LoA	-8,29780824	-0,070	0,314
CHR3	16741108	CHR3:16741108	SSF x Near_LoA	-8,74947407	0,060	0,305
CHR3	16760064	CHR3:16760064	SSF x Near_LoA	-10,5864012	-0,050	0,306
CHR3	16760075	CHR3:16760075	SSF x Near_LoA	-10,7643912	-0,052	0,306
CHR3	16760085	CHR3:16760085	SSF x Near_LoA	-8,80305785	0,024	0,312
CHR3	16763246	CHR3:16763246	SSF x Near_LoA	-9,08695534	0,021	0,309
CHR3	16763327	CHR3:16763327	SSF x Near_LoA	-8,72918348	-0,010	0,296
CHR3	16763338	CHR3:16763338	SSF x Near_LoA	-6,73965542	0,038	0,304
CHR3	16781167	CHR3:16781167	SSF x Near_LoA	-9,7557831	-0,025	0,298

CHR3	16783475	CHR3:16783475	SSF x Near_LoA	-9,02305105	-0,092	0,299
CHR3	16784950	CHR3:16784950	SSF x Near_LoA	-10,3467719	0,016	0,303
CHR3	16784999	CHR3:16784999	SSF x Near_LoA	-8,96549269	0,048	0,312
CHR3	16787659	CHR3:16787659	SSF x Near_LoA	-9,88116069	0,103	0,310
CHR3	16791086	CHR3:16791086	SSF x Near_LoA	-8,14871516	0,027	0,292
CHR3	16791101	CHR3:16791101	SSF x Near_LoA	-8,2112975	0,019	0,303
CHR3	16801529	CHR3:16801529	SSF x Near_LoA	-9,23020071	-0,004	0,316
CHR3	16801532	CHR3:16801532	SSF x Near_LoA	-7,16402154	-0,090	0,308
CHR3	16801691	CHR3:16801691	SSF x Near_LoA	-11,1105663	-0,024	0,307
CHR3	16801741	CHR3:16801741	SSF x Near_LoA	-10,4552084	0,009	0,310
CHR3	16815460	CHR3:16815460	SSF x Near_LoA	-5,16339822	-0,026	0,302
CHR3	16821605	CHR3:16821605	SSF x Near_LoA	-8,53305499	-0,109	0,277
CHR3	16821697	CHR3:16821697	SSF x Near_LoA	-8,93398544	-0,164	0,294
CHR3	16824082	CHR3:16824082	SSF x Near_LoA	-5,26328499	-0,166	0,301
CHR3	16825126	CHR3:16825126	SSF x Near_LoA	-7,10997443	0,052	0,298
CHR3	16830679	CHR3:16830679	SSF x Near_LoA	-10,3593715	-0,072	0,308
CHR3	16830712	CHR3:16830712	SSF x Near_LoA	-9,27005339	0,088	0,311
CHR3	16837223	CHR3:16837223	SSF x Near_LoA	-5,59425002	-0,051	0,307
CHR3	16837330	CHR3:16837330	SSF x Near_LoA	-10,4511046	0,026	0,307
CHR3	16840550	CHR3:16840550	SSF x Near_LoA	-6,65201397	0,137	0,302
CHR3	16845509	CHR3:16845509	SSF x Near_LoA	-9,25330863	-0,102	0,305
CHR3	16846241	CHR3:16846241	SSF x Near_LoA	-6,04338344	0,155	0,298
CHR3	16872504	CHR3:16872504	SSF x Near_LoA	-9,31944386	-0,088	0,323
CHR3	1687410	CHR3:1687410	SSF x Near_LoA	-2,15601209	-0,092	0,312
CHR3	1687461	CHR3:1687461	SSF x Near_LoA	-10,8629661	0,049	0,310
CHR3	16894162	CHR3:16894162	SSF x Near_LoA	-10,5152077	0,052	0,308
CHR3	16898415	CHR3:16898415	SSF x Near_LoA	-6,91464959	0,122	0,300
CHR3	16898443	CHR3:16898443	SSF x Near_LoA	-10,9745194	-0,076	0,318
CHR3	16898471	CHR3:16898471	SSF x Near_LoA	-5,60570252	0,150	0,312
CHR3	16905333	CHR3:16905333	SSF x Near_LoA	-7,66175803	0,042	0,296
CHR3	16905345	CHR3:16905345	SSF x Near_LoA	-6,2308098	0,031	0,295
CHR3	16905393	CHR3:16905393	SSF x Near_LoA	-8,11362031	0,046	0,310
CHR3	16907157	CHR3:16907157	SSF x Near_LoA	-9,83313948	-0,016	0,320
CHR3	16907225	CHR3:16907225	SSF x Near_LoA	-9,23961631	-0,005	0,307
CHR3	16907374	CHR3:16907374	SSF x Near_LoA	-9,15511391	0,013	0,324
CHR3	16924458	CHR3:16924458	SSF x Near_LoA	-9,97473275	0,063	0,305
CHR3	16926064	CHR3:16926064	SSF x Near_LoA	-9,55039725	-0,009	0,304
CHR3	16932682	CHR3:16932682	SSF x Near_LoA	-8,85954389	0,077	0,319
CHR3	16949342	CHR3:16949342	SSF x Near_LoA	-11,2427293	-0,049	0,320
CHR3	16961822	CHR3:16961822	SSF x Near_LoA	-8,55387394	0,013	0,317
CHR3	16961840	CHR3:16961840	SSF x Near_LoA	-9,33340464	-0,021	0,310
CHR3	16961861	CHR3:16961861	SSF x Near_LoA	-4,45008164	0,030	0,318
CHR3	16961868	CHR3:16961868	SSF x Near_LoA	-7,01375597	0,039	0,306
CHR3	16961910	CHR3:16961910	SSF x Near_LoA	-7,49617138	0,141	0,319
CHR3	16961931	CHR3:16961931	SSF x Near_LoA	-7,38653155	-0,032	0,315
CHR3	16968639	CHR3:16968639	SSF x Near_LoA	-9,84633696	0,042	0,312
CHR3	16977519	CHR3:16977519	SSF x Near_LoA	-10,230619	0,019	0,303
CHR3	16977551	CHR3:16977551	SSF x Near_LoA	-9,89439217	-0,068	0,308
CHR3	17005316	CHR3:17005316	SSF x Near_LoA	-8,70292218	0,096	0,308
CHR3	17005449	CHR3:17005449	SSF x Near_LoA	-10,3826646	-0,031	0,297
CHR3	17035726	CHR3:17035726	SSF x Near_LoA	-3,27232068	-0,085	0,305
CHR3	17035740	CHR3:17035740	SSF x Near_LoA	-8,80183093	-0,014	0,305
CHR3	17038976	CHR3:17038976	SSF x Near_LoA	-11,7758669	-0,006	0,294

CHR3	17038989	CHR3:17038989	SSF x Near_LoA	-9,40774217	-0,004	0,311
CHR3	17039055	CHR3:17039055	SSF x Near_LoA	-5,41484884	-0,035	0,307
CHR3	17039142	CHR3:17039142	SSF x Near_LoA	-7,71532619	-0,028	0,323
CHR3	17044140	CHR3:17044140	SSF x Near_LoA	-8,84723584	-0,076	0,309
CHR3	17044222	CHR3:17044222	SSF x Near_LoA	-7,06342926	-0,106	0,324
CHR3	17044275	CHR3:17044275	SSF x Near_LoA	-9,30177808	0,062	0,312
CHR3	17044281	CHR3:17044281	SSF x Near_LoA	-10,2654688	0,006	0,302
CHR3	17044287	CHR3:17044287	SSF x Near_LoA	-7,70955602	-0,127	0,299
CHR3	17044288	CHR3:17044288	SSF x Near_LoA	-4,94068981	0,048	0,300
CHR3	17044671	CHR3:17044671	SSF x Near_LoA	-5,91308438	0,053	0,306
CHR3	17049188	CHR3:17049188	SSF x Near_LoA	-10,8399843	0,134	0,306
CHR3	17050579	CHR3:17050579	SSF x Near_LoA	-9,18483332	-0,057	0,308
CHR3	17050624	CHR3:17050624	SSF x Near_LoA	-10,2596089	0,008	0,313
CHR3	17050628	CHR3:17050628	SSF x Near_LoA	-10,0131732	0,004	0,313
CHR3	17064912	CHR3:17064912	SSF x Near_LoA	-9,68464377	0,103	0,313
CHR3	17070536	CHR3:17070536	SSF x Near_LoA	-8,03806284	-0,130	0,321
CHR3	17070598	CHR3:17070598	SSF x Near_LoA	-7,85631332	-0,079	0,309
CHR3	17070671	CHR3:17070671	SSF x Near_LoA	-11,7130429	0,068	0,302
CHR3	17072925	CHR3:17072925	SSF x Near_LoA	-9,19379488	-0,042	0,306
CHR3	17076439	CHR3:17076439	SSF x Near_LoA	-1,83579063	0,039	0,300
CHR3	17078072	CHR3:17078072	SSF x Near_LoA	-7,87526639	-0,012	0,298
CHR3	17145274	CHR3:17145274	SSF x Near_LoA	-9,80430087	-0,029	0,306
CHR3	17147982	CHR3:17147982	SSF x Near_LoA	-8,72563875	-0,017	0,316
CHR3	1715039	CHR3:1715039	SSF x Near_LoA	-6,6737382	0,054	0,308
CHR3	17152978	CHR3:17152978	SSF x Near_LoA	-8,5571237	-0,068	0,308
CHR3	17153027	CHR3:17153027	SSF x Near_LoA	-8,32002326	-0,100	0,303
CHR3	17153202	CHR3:17153202	SSF x Near_LoA	-10,2930838	0,075	0,298
CHR3	17159748	CHR3:17159748	SSF x Near_LoA	-8,59854091	-0,035	0,307
CHR3	17159850	CHR3:17159850	SSF x Near_LoA	-11,4584337	0,012	0,305
CHR3	17162463	CHR3:17162463	SSF x Near_LoA	-9,45963616	0,053	0,305
CHR3	17164379	CHR3:17164379	SSF x Near_LoA	-7,57985553	-0,027	0,301
CHR3	17164448	CHR3:17164448	SSF x Near_LoA	-7,41028847	-0,056	0,309
CHR3	17164452	CHR3:17164452	SSF x Near_LoA	-3,89208582	-0,056	0,305
CHR3	17208768	CHR3:17208768	SSF x Near_LoA	-8,61142023	-0,064	0,299
CHR3	17215084	CHR3:17215084	SSF x Near_LoA	-5,8738718	0,164	0,287
CHR3	17215190	CHR3:17215190	SSF x Near_LoA	-9,56413563	0,066	0,315
CHR3	17215261	CHR3:17215261	SSF x Near_LoA	-8,09900481	0,071	0,318
CHR3	17215343	CHR3:17215343	SSF x Near_LoA	-7,32413171	0,098	0,307
CHR3	17222718	CHR3:17222718	SSF x Near_LoA	-7,21534482	0,052	0,308
CHR3	17228512	CHR3:17228512	SSF x Near_LoA	-7,2678908	0,115	0,309
CHR3	17230660	CHR3:17230660	SSF x Near_LoA	-5,12891639	0,236	0,303
CHR3	17230852	CHR3:17230852	SSF x Near_LoA	-11,4279056	-0,043	0,304
CHR3	17240728	CHR3:17240728	SSF x Near_LoA	-9,34648571	-0,033	0,307
CHR3	17244557	CHR3:17244557	SSF x Near_LoA	-7,36393391	0,131	0,314
CHR3	17244721	CHR3:17244721	SSF x Near_LoA	-10,1466083	0,010	0,326
CHR3	17244723	CHR3:17244723	SSF x Near_LoA	-9,50042935	0,031	0,318
CHR3	17244726	CHR3:17244726	SSF x Near_LoA	-10,8318956	0,051	0,310
CHR3	17244730	CHR3:17244730	SSF x Near_LoA	-6,46178916	0,027	0,314
CHR3	17244732	CHR3:17244732	SSF x Near_LoA	-9,46921805	0,020	0,318
CHR3	17249743	CHR3:17249743	SSF x Near_LoA	-5,53483056	-0,113	0,312
CHR3	17249772	CHR3:17249772	SSF x Near_LoA	-8,14698919	-0,112	0,302
CHR3	17249940	CHR3:17249940	SSF x Near_LoA	-2,65876344	0,147	0,287
CHR3	17249959	CHR3:17249959	SSF x Near_LoA	-8,71047507	-0,110	0,299

CHR3	17252197	CHR3:17252197	SSF x Near_LoA	-8,34081052	-0,027	0,309
CHR3	17252294	CHR3:17252294	SSF x Near_LoA	-7,36342479	-0,137	0,298
CHR3	17252818	CHR3:17252818	SSF x Near_LoA	-8,94932697	-0,024	0,313
CHR3	17257268	CHR3:17257268	SSF x Near_LoA	-9,9741067	0,016	0,308
CHR3	17258956	CHR3:17258956	SSF x Near_LoA	-10,0801919	-0,052	0,308
CHR3	17258961	CHR3:17258961	SSF x Near_LoA	-7,42987091	-0,067	0,305
CHR3	17259113	CHR3:17259113	SSF x Near_LoA	-4,92025987	0,107	0,286
CHR3	17271523	CHR3:17271523	SSF x Near_LoA	-11,8507368	-0,034	0,323
CHR3	17271539	CHR3:17271539	SSF x Near_LoA	-8,17199492	0,063	0,294
CHR3	17271635	CHR3:17271635	SSF x Near_LoA	-8,663077	0,062	0,296
CHR3	17271727	CHR3:17271727	SSF x Near_LoA	-10,4206487	0,033	0,302
CHR3	17271765	CHR3:17271765	SSF x Near_LoA	-6,16743948	0,040	0,301
CHR3	17288945	CHR3:17288945	SSF x Near_LoA	-6,69511302	0,138	0,294
CHR3	17293937	CHR3:17293937	SSF x Near_LoA	-8,56749151	-0,084	0,290
CHR3	17293944	CHR3:17293944	SSF x Near_LoA	-8,94984005	-0,095	0,296
CHR3	1729596	CHR3:1729596	SSF x Near_LoA	-9,09668456	0,082	0,301
CHR3	1729715	CHR3:1729715	SSF x Near_LoA	-8,76377184	0,014	0,329
CHR3	17305776	CHR3:17305776	SSF x Near_LoA	-10,6876384	0,019	0,305
CHR3	17316230	CHR3:17316230	SSF x Near_LoA	-10,0997737	0,059	0,289
CHR3	17331612	CHR3:17331612	SSF x Near_LoA	-10,7462715	-0,044	0,310
CHR3	17331721	CHR3:17331721	SSF x Near_LoA	-6,30171631	-0,160	0,301
CHR3	17332776	CHR3:17332776	SSF x Near_LoA	-1,00330125	-0,158	0,315
CHR3	17332871	CHR3:17332871	SSF x Near_LoA	-7,11653695	-0,142	0,312
CHR3	17334360	CHR3:17334360	SSF x Near_LoA	-8,8018492	0,069	0,308
CHR3	17334416	CHR3:17334416	SSF x Near_LoA	-10,15771	0,091	0,317
CHR3	17350537	CHR3:17350537	SSF x Near_LoA	-9,14981158	0,089	0,301
CHR3	17350564	CHR3:17350564	SSF x Near_LoA	-9,81102768	-0,007	0,317
CHR3	17350635	CHR3:17350635	SSF x Near_LoA	-9,68384091	0,111	0,309
CHR3	17350720	CHR3:17350720	SSF x Near_LoA	-6,16707239	0,162	0,310
CHR3	17350749	CHR3:17350749	SSF x Near_LoA	-7,39011126	0,083	0,315
CHR3	17359338	CHR3:17359338	SSF x Near_LoA	14,299834	0,201	0,288
CHR3	17361084	CHR3:17361084	SSF x Near_LoA	-10,9432883	0,141	0,300
CHR3	17361110	CHR3:17361110	SSF x Near_LoA	-9,03973759	0,072	0,309
CHR3	17361144	CHR3:17361144	SSF x Near_LoA	-10,6323709	-0,043	0,324
CHR3	17401673	CHR3:17401673	SSF x Near_LoA	-12,0904825	0,028	0,294
CHR3	17425055	CHR3:17425055	SSF x Near_LoA	-10,849313	-0,097	0,306
CHR3	1742823	CHR3:1742823	SSF x Near_LoA	-8,4225156	0,003	0,308
CHR3	17431629	CHR3:17431629	SSF x Near_LoA	-11,1662694	0,019	0,313
CHR3	17461320	CHR3:17461320	SSF x Near_LoA	-9,61558153	0,107	0,300
CHR3	1746834	CHR3:1746834	SSF x Near_LoA	-9,15736086	0,048	0,306
CHR3	1746883	CHR3:1746883	SSF x Near_LoA	-9,51219072	-0,076	0,295
CHR3	17501603	CHR3:17501603	SSF x Near_LoA	-9,13949997	0,017	0,307
CHR3	17501673	CHR3:17501673	SSF x Near_LoA	-3,21401229	-0,003	0,313
CHR3	17501676	CHR3:17501676	SSF x Near_LoA	-8,75813638	-0,002	0,303
CHR3	17503380	CHR3:17503380	SSF x Near_LoA	-4,8957498	0,158	0,304
CHR3	17506182	CHR3:17506182	SSF x Near_LoA	-8,5384518	-0,072	0,312
CHR3	17510258	CHR3:17510258	SSF x Near_LoA	-9,23117411	-0,070	0,305
CHR3	17510289	CHR3:17510289	SSF x Near_LoA	-7,76911578	0,138	0,305
CHR3	17510342	CHR3:17510342	SSF x Near_LoA	-9,22714968	-0,043	0,299
CHR3	17510365	CHR3:17510365	SSF x Near_LoA	-7,93219683	-0,096	0,294
CHR3	17510395	CHR3:17510395	SSF x Near_LoA	-7,33597701	0,127	0,294
CHR3	17514094	CHR3:17514094	SSF x Near_LoA	-8,05496971	0,060	0,293
CHR3	17514412	CHR3:17514412	SSF x Near_LoA	-7,08125712	-0,017	0,309

CHR3	17523884	CHR3:17523884	SSF x Near_LoA	-10,9053012	-0,064	0,314
CHR3	1752662	CHR3:1752662	SSF x Near_LoA	-11,3859413	-0,039	0,296
CHR3	17533807	CHR3:17533807	SSF x Near_LoA	-7,29622507	0,018	0,318
CHR3	17533924	CHR3:17533924	SSF x Near_LoA	-4,48917016	0,104	0,299
CHR3	1754719	CHR3:1754719	SSF x Near_LoA	-5,58566782	0,103	0,313
CHR3	1754731	CHR3:1754731	SSF x Near_LoA	-8,96730481	-0,056	0,319
CHR3	17560756	CHR3:17560756	SSF x Near_LoA	-6,9475051	0,008	0,311
CHR3	17561996	CHR3:17561996	SSF x Near_LoA	-9,65127015	0,009	0,306
CHR3	17563976	CHR3:17563976	SSF x Near_LoA	-10,5307527	0,072	0,315
CHR3	17572765	CHR3:17572765	SSF x Near_LoA	-10,4138617	-0,086	0,303
CHR3	17573825	CHR3:17573825	SSF x Near_LoA	-10,8382636	-0,051	0,306
CHR3	17573955	CHR3:17573955	SSF x Near_LoA	-10,5347236	-0,045	0,319
CHR3	17573956	CHR3:17573956	SSF x Near_LoA	-8,65476329	0,107	0,300
CHR3	1757909	CHR3:1757909	SSF x Near_LoA	-10,079256	0,117	0,310
CHR3	1757921	CHR3:1757921	SSF x Near_LoA	-11,9039234	-0,043	0,299
CHR3	17580796	CHR3:17580796	SSF x Near_LoA	-10,0995018	-0,013	0,297
CHR3	17588772	CHR3:17588772	SSF x Near_LoA	-5,33246359	0,159	0,303
CHR3	17588776	CHR3:17588776	SSF x Near_LoA	-7,02700368	0,157	0,300
CHR3	17588814	CHR3:17588814	SSF x Near_LoA	-10,3298072	-0,012	0,305
CHR3	175959	CHR3:175959	SSF x Near_LoA	-10,9759864	0,003	0,313
CHR3	17599100	CHR3:17599100	SSF x Near_LoA	-8,63697622	-0,045	0,299
CHR3	17599106	CHR3:17599106	SSF x Near_LoA	-9,39683066	-0,041	0,289
CHR3	17616421	CHR3:17616421	SSF x Near_LoA	-7,41221123	0,136	0,304
CHR3	17616471	CHR3:17616471	SSF x Near_LoA	-8,97304146	0,125	0,294
CHR3	17616692	CHR3:17616692	SSF x Near_LoA	-7,81972639	0,108	0,305
CHR3	17619863	CHR3:17619863	SSF x Near_LoA	-8,79986837	-0,035	0,318
CHR3	1761989	CHR3:1761989	SSF x Near_LoA	-8,76185707	-0,036	0,296
CHR3	17625588	CHR3:17625588	SSF x Near_LoA	-9,74632819	0,064	0,315
CHR3	17631126	CHR3:17631126	SSF x Near_LoA	-1,98051688	-0,086	0,301
CHR3	17631142	CHR3:17631142	SSF x Near_LoA	-10,7241493	0,021	0,310
CHR3	17631191	CHR3:17631191	SSF x Near_LoA	-8,62208522	-0,009	0,291
CHR3	1765720	CHR3:1765720	SSF x Near_LoA	-9,05501052	-0,050	0,307
CHR3	1765757	CHR3:1765757	SSF x Near_LoA	-9,98288003	0,010	0,309
CHR3	1765766	CHR3:1765766	SSF x Near_LoA	-7,80608327	-0,039	0,307
CHR3	1765794	CHR3:1765794	SSF x Near_LoA	-7,22248565	-0,075	0,308
CHR3	1765807	CHR3:1765807	SSF x Near_LoA	-9,07124183	-0,012	0,323
CHR3	17665559	CHR3:17665559	SSF x Near_LoA	-9,41338186	0,034	0,306
CHR3	17665595	CHR3:17665595	SSF x Near_LoA	-8,94055334	0,014	0,309
CHR3	17669013	CHR3:17669013	SSF x Near_LoA	-9,88523491	-0,035	0,308
CHR3	17688741	CHR3:17688741	SSF x Near_LoA	-9,43322142	0,051	0,314
CHR3	1769121	CHR3:1769121	SSF x Near_LoA	-9,88076921	-0,024	0,312
CHR3	1769832	CHR3:1769832	SSF x Near_LoA	-9,83562226	-0,056	0,316
CHR3	1769957	CHR3:1769957	SSF x Near_LoA	-7,44417176	0,036	0,301
CHR3	17699694	CHR3:17699694	SSF x Near_LoA	-6,23991593	-0,023	0,324
CHR3	17717113	CHR3:17717113	SSF x Near_LoA	-9,61641923	0,012	0,308
CHR3	17723935	CHR3:17723935	SSF x Near_LoA	-6,3422654	-0,125	0,315
CHR3	17741201	CHR3:17741201	SSF x Near_LoA	2,00135955	-0,170	0,309
CHR3	17815702	CHR3:17815702	SSF x Near_LoA	-7,5279966	-0,069	0,297
CHR3	1782056	CHR3:1782056	SSF x Near_LoA	-11,0672643	0,051	0,307
CHR3	1782057	CHR3:1782057	SSF x Near_LoA	0,18503353	-0,046	0,310
CHR3	17824178	CHR3:17824178	SSF x Near_LoA	-9,3782637	-0,013	0,310
CHR3	1785748	CHR3:1785748	SSF x Near_LoA	-6,42021292	0,065	0,309
CHR3	17920688	CHR3:17920688	SSF x Near_LoA	-8,53757147	-0,084	0,306

CHR3	17920963	CHR3:17920963	SSF x Near_LoA	-8,40898078	-0,030	0,325
CHR3	17928324	CHR3:17928324	SSF x Near_LoA	-9,51913845	0,055	0,297
CHR3	17928332	CHR3:17928332	SSF x Near_LoA	-8,97620221	0,002	0,307
CHR3	17928347	CHR3:17928347	SSF x Near_LoA	-8,0332665	0,017	0,318
CHR3	17928348	CHR3:17928348	SSF x Near_LoA	-9,49897232	0,026	0,309
CHR3	17928417	CHR3:17928417	SSF x Near_LoA	-9,04202251	0,026	0,311
CHR3	17928584	CHR3:17928584	SSF x Near_LoA	-10,6572544	0,003	0,308
CHR3	17933686	CHR3:17933686	SSF x Near_LoA	-8,7272632	0,017	0,314
CHR3	17933757	CHR3:17933757	SSF x Near_LoA	-9,60949538	0,116	0,313
CHR3	17933933	CHR3:17933933	SSF x Near_LoA	-8,02297864	0,020	0,305
CHR3	17939908	CHR3:17939908	SSF x Near_LoA	-8,94888958	-0,074	0,306
CHR3	17939924	CHR3:17939924	SSF x Near_LoA	-8,53630218	0,020	0,317
CHR3	1794345	CHR3:1794345	SSF x Near_LoA	-7,87526011	0,100	0,304
CHR3	17943520	CHR3:17943520	SSF x Near_LoA	-10,1469869	0,038	0,303
CHR3	17975674	CHR3:17975674	SSF x Near_LoA	-10,8707698	-0,052	0,301
CHR3	17986332	CHR3:17986332	SSF x Near_LoA	-7,95446657	-0,063	0,300
CHR3	17996619	CHR3:17996619	SSF x Near_LoA	-9,39418628	0,067	0,301
CHR3	17996724	CHR3:17996724	SSF x Near_LoA	-8,37126707	0,030	0,313
CHR3	18011625	CHR3:18011625	SSF x Near_LoA	-6,51889249	-0,114	0,296
CHR3	18025267	CHR3:18025267	SSF x Near_LoA	-7,25367573	-0,067	0,298
CHR3	18071459	CHR3:18071459	SSF x Near_LoA	-9,85746654	-0,058	0,314
CHR3	18071560	CHR3:18071560	SSF x Near_LoA	-9,30914828	0,036	0,298
CHR3	18075300	CHR3:18075300	SSF x Near_LoA	-8,42707023	-0,118	0,313
CHR3	18079570	CHR3:18079570	SSF x Near_LoA	-9,32828795	-0,095	0,306
CHR3	18115131	CHR3:18115131	SSF x Near_LoA	-10,3449998	0,014	0,303
CHR3	18120103	CHR3:18120103	SSF x Near_LoA	-11,0069105	-0,085	0,314
CHR3	18130726	CHR3:18130726	SSF x Near_LoA	-6,01771272	0,096	0,315
CHR3	18130839	CHR3:18130839	SSF x Near_LoA	-10,5917516	0,020	0,304
CHR3	18132172	CHR3:18132172	SSF x Near_LoA	-9,45805591	-0,027	0,333
CHR3	18132185	CHR3:18132185	SSF x Near_LoA	-9,41062096	0,042	0,303
CHR3	18132318	CHR3:18132318	SSF x Near_LoA	-9,72868477	-0,030	0,321
CHR3	18132347	CHR3:18132347	SSF x Near_LoA	-8,13001251	0,052	0,316
CHR3	18132396	CHR3:18132396	SSF x Near_LoA	-9,88643525	0,036	0,304
CHR3	18134317	CHR3:18134317	SSF x Near_LoA	-7,40875925	-0,076	0,307
CHR3	18142741	CHR3:18142741	SSF x Near_LoA	-9,79387497	0,104	0,305
CHR3	18142745	CHR3:18142745	SSF x Near_LoA	-8,25703148	0,090	0,314
CHR3	18142750	CHR3:18142750	SSF x Near_LoA	-7,82488852	-0,122	0,315
CHR3	18142754	CHR3:18142754	SSF x Near_LoA	-5,52940843	-0,109	0,316
CHR3	18142777	CHR3:18142777	SSF x Near_LoA	-2,87025561	-0,089	0,304
CHR3	18148107	CHR3:18148107	SSF x Near_LoA	-8,50583157	-0,056	0,308
CHR3	18176282	CHR3:18176282	SSF x Near_LoA	-8,51563057	-0,047	0,310
CHR3	18176336	CHR3:18176336	SSF x Near_LoA	-9,40833353	-0,054	0,306
CHR3	18179783	CHR3:18179783	SSF x Near_LoA	-6,50557148	0,074	0,309
CHR3	18181848	CHR3:18181848	SSF x Near_LoA	-9,90432521	0,017	0,311
CHR3	18194085	CHR3:18194085	SSF x Near_LoA	-8,47253027	0,035	0,316
CHR3	18194088	CHR3:18194088	SSF x Near_LoA	-9,47657987	0,035	0,318
CHR3	18194240	CHR3:18194240	SSF x Near_LoA	-10,4066959	-0,073	0,299
CHR3	18194257	CHR3:18194257	SSF x Near_LoA	-10,9838902	0,124	0,307
CHR3	18194267	CHR3:18194267	SSF x Near_LoA	-9,94649902	-0,019	0,303
CHR3	18196586	CHR3:18196586	SSF x Near_LoA	-11,2746871	0,055	0,306
CHR3	18196618	CHR3:18196618	SSF x Near_LoA	-10,0129739	-0,002	0,302
CHR3	18196642	CHR3:18196642	SSF x Near_LoA	-8,87618929	0,061	0,314
CHR3	18199458	CHR3:18199458	SSF x Near_LoA	-7,64293328	-0,178	0,303

CHR3	18205250	CHR3:18205250	SSF x Near_LoA	-10,4838915	-0,048	0,299
CHR3	18205443	CHR3:18205443	SSF x Near_LoA	-8,85899815	-0,015	0,309
CHR3	18210652	CHR3:18210652	SSF x Near_LoA	-9,11380538	-0,053	0,300
CHR3	18210735	CHR3:18210735	SSF x Near_LoA	-8,27515042	-0,148	0,304
CHR3	18224936	CHR3:18224936	SSF x Near_LoA	-8,25986411	0,027	0,307
CHR3	18225012	CHR3:18225012	SSF x Near_LoA	-12,1814464	0,005	0,306
CHR3	18229523	CHR3:18229523	SSF x Near_LoA	-10,3448954	-0,008	0,307
CHR3	18229680	CHR3:18229680	SSF x Near_LoA	-8,57774356	0,007	0,311
CHR3	18229699	CHR3:18229699	SSF x Near_LoA	-7,98891194	-0,068	0,324
CHR3	18229834	CHR3:18229834	SSF x Near_LoA	-9,83221452	0,027	0,302
CHR3	18243235	CHR3:18243235	SSF x Near_LoA	-8,65449438	0,008	0,311
CHR3	18243256	CHR3:18243256	SSF x Near_LoA	-10,4144651	-0,033	0,312
CHR3	18243308	CHR3:18243308	SSF x Near_LoA	-10,543373	-0,021	0,312
CHR3	18243513	CHR3:18243513	SSF x Near_LoA	-4,75280444	-0,039	0,306
CHR3	18247508	CHR3:18247508	SSF x Near_LoA	-8,60111616	0,028	0,320
CHR3	18247562	CHR3:18247562	SSF x Near_LoA	-9,82673376	-0,016	0,323
CHR3	18256942	CHR3:18256942	SSF x Near_LoA	-9,79200747	0,055	0,299
CHR3	18257227	CHR3:18257227	SSF x Near_LoA	-9,33824328	-0,011	0,302
CHR3	18261337	CHR3:18261337	SSF x Near_LoA	-9,55848027	0,055	0,307
CHR3	18261371	CHR3:18261371	SSF x Near_LoA	-11,3729149	-0,067	0,317
CHR3	18263569	CHR3:18263569	SSF x Near_LoA	-6,2808642	0,059	0,309
CHR3	18263581	CHR3:18263581	SSF x Near_LoA	-10,1468543	0,113	0,301
CHR3	18263649	CHR3:18263649	SSF x Near_LoA	-9,0315499	-0,072	0,314
CHR3	18263663	CHR3:18263663	SSF x Near_LoA	-7,57579262	-0,060	0,311
CHR3	18263717	CHR3:18263717	SSF x Near_LoA	-8,79376598	-0,121	0,302
CHR3	18264639	CHR3:18264639	SSF x Near_LoA	-9,58631109	0,012	0,321
CHR3	18264708	CHR3:18264708	SSF x Near_LoA	-8,86176763	-0,081	0,306
CHR3	18264725	CHR3:18264725	SSF x Near_LoA	-10,1449377	-0,083	0,287
CHR3	18264736	CHR3:18264736	SSF x Near_LoA	-8,88612876	-0,088	0,311
CHR3	18270492	CHR3:18270492	SSF x Near_LoA	-8,43202495	-0,021	0,310
CHR3	18270502	CHR3:18270502	SSF x Near_LoA	-7,19039928	-0,019	0,315
CHR3	18270578	CHR3:18270578	SSF x Near_LoA	-9,97336299	-0,138	0,306
CHR3	18270639	CHR3:18270639	SSF x Near_LoA	-11,1212887	-0,043	0,300
CHR3	18270656	CHR3:18270656	SSF x Near_LoA	-9,83274434	-0,061	0,300
CHR3	18270694	CHR3:18270694	SSF x Near_LoA	-5,37467295	0,225	0,297
CHR3	18270705	CHR3:18270705	SSF x Near_LoA	-5,34194287	-0,142	0,304
CHR3	18270760	CHR3:18270760	SSF x Near_LoA	-8,56456666	-0,113	0,294
CHR3	18275017	CHR3:18275017	SSF x Near_LoA	-8,41980957	0,024	0,295
CHR3	18275046	CHR3:18275046	SSF x Near_LoA	-4,32468468	0,100	0,316
CHR3	18275216	CHR3:18275216	SSF x Near_LoA	-10,0923252	-0,086	0,315
CHR3	18285433	CHR3:18285433	SSF x Near_LoA	-7,87450434	-0,072	0,324
CHR3	18285453	CHR3:18285453	SSF x Near_LoA	-10,513365	0,013	0,318
CHR3	18290316	CHR3:18290316	SSF x Near_LoA	-8,14344554	-0,025	0,314
CHR3	18290349	CHR3:18290349	SSF x Near_LoA	-8,33959627	0,028	0,315
CHR3	18291388	CHR3:18291388	SSF x Near_LoA	-4,19374993	0,146	0,302
CHR3	18291449	CHR3:18291449	SSF x Near_LoA	-6,28945871	-0,124	0,308
CHR3	18293501	CHR3:18293501	SSF x Near_LoA	-8,54418512	-0,039	0,303
CHR3	18302760	CHR3:18302760	SSF x Near_LoA	-8,5848578	-0,016	0,298
CHR3	18309014	CHR3:18309014	SSF x Near_LoA	-3,68121517	0,005	0,314
CHR3	18309060	CHR3:18309060	SSF x Near_LoA	-5,92757415	0,054	0,304
CHR3	18309093	CHR3:18309093	SSF x Near_LoA	-8,51786668	0,029	0,294
CHR3	18323387	CHR3:18323387	SSF x Near_LoA	-9,76339054	0,004	0,310
CHR3	18323414	CHR3:18323414	SSF x Near_LoA	-5,26224755	-0,032	0,321

CHR3	18323498	CHR3:18323498	SSF x Near_LoA	-8,99936786	-0,113	0,319
CHR3	18332590	CHR3:18332590	SSF x Near_LoA	-10,8081918	-0,019	0,284
CHR3	18332591	CHR3:18332591	SSF x Near_LoA	-8,06673791	-0,130	0,311
CHR3	1833802	CHR3:1833802	SSF x Near_LoA	-9,74329118	-0,086	0,306
CHR3	1833816	CHR3:1833816	SSF x Near_LoA	-9,48672253	-0,097	0,302
CHR3	1834070	CHR3:1834070	SSF x Near_LoA	-8,82729829	-0,045	0,322
CHR3	1834078	CHR3:1834078	SSF x Near_LoA	-7,18547886	-0,023	0,307
CHR3	1834098	CHR3:1834098	SSF x Near_LoA	-8,44838247	-0,125	0,302
CHR3	1834118	CHR3:1834118	SSF x Near_LoA	-4,71534996	-0,032	0,323
CHR3	18341380	CHR3:18341380	SSF x Near_LoA	-9,72984262	0,040	0,323
CHR3	1834141	CHR3:1834141	SSF x Near_LoA	-10,3856565	0,111	0,307
CHR3	18341448	CHR3:18341448	SSF x Near_LoA	-6,70416103	-0,186	0,282
CHR3	18341529	CHR3:18341529	SSF x Near_LoA	-9,63278317	0,015	0,304
CHR3	18341531	CHR3:18341531	SSF x Near_LoA	-9,73537673	0,011	0,300
CHR3	18341539	CHR3:18341539	SSF x Near_LoA	-7,52678986	0,100	0,312
CHR3	18341546	CHR3:18341546	SSF x Near_LoA	-9,11671608	0,012	0,310
CHR3	18341559	CHR3:18341559	SSF x Near_LoA	-7,77136267	0,028	0,318
CHR3	18341563	CHR3:18341563	SSF x Near_LoA	-9,39456945	0,026	0,323
CHR3	18341609	CHR3:18341609	SSF x Near_LoA	-10,1352005	-0,008	0,308
CHR3	18351929	CHR3:18351929	SSF x Near_LoA	-8,56672542	-0,057	0,320
CHR3	18351944	CHR3:18351944	SSF x Near_LoA	-8,03079224	-0,065	0,308
CHR3	18351945	CHR3:18351945	SSF x Near_LoA	-8,24081864	-0,081	0,317
CHR3	18360738	CHR3:18360738	SSF x Near_LoA	0,18929224	0,077	0,306
CHR3	18361114	CHR3:18361114	SSF x Near_LoA	-9,66951787	0,010	0,304
CHR3	18373363	CHR3:18373363	SSF x Near_LoA	-6,2701811	-0,117	0,297
CHR3	18373477	CHR3:18373477	SSF x Near_LoA	-7,86453278	-0,171	0,295
CHR3	18378924	CHR3:18378924	SSF x Near_LoA	-10,0636286	0,095	0,307
CHR3	18383782	CHR3:18383782	SSF x Near_LoA	-9,5357522	-0,043	0,310
CHR3	18383810	CHR3:18383810	SSF x Near_LoA	-10,5838216	0,035	0,297
CHR3	18383838	CHR3:18383838	SSF x Near_LoA	-9,1917508	0,000	0,309
CHR3	18383858	CHR3:18383858	SSF x Near_LoA	-8,44639881	0,059	0,314
CHR3	18385656	CHR3:18385656	SSF x Near_LoA	-11,2354006	-0,027	0,312
CHR3	18385663	CHR3:18385663	SSF x Near_LoA	-10,6991416	-0,046	0,306
CHR3	18385703	CHR3:18385703	SSF x Near_LoA	-10,169015	-0,046	0,314
CHR3	18385727	CHR3:18385727	SSF x Near_LoA	-8,91550375	-0,044	0,306
CHR3	18385775	CHR3:18385775	SSF x Near_LoA	-10,0619643	0,065	0,306
CHR3	18385781	CHR3:18385781	SSF x Near_LoA	-8,99417811	-0,009	0,311
CHR3	18385798	CHR3:18385798	SSF x Near_LoA	-10,5342262	-0,098	0,309
CHR3	18385818	CHR3:18385818	SSF x Near_LoA	-11,815767	-0,038	0,307
CHR3	18385846	CHR3:18385846	SSF x Near_LoA	-4,4447444	0,063	0,307
CHR3	18385854	CHR3:18385854	SSF x Near_LoA	-11,981498	-0,036	0,306
CHR3	18385877	CHR3:18385877	SSF x Near_LoA	-4,25012426	0,065	0,322
CHR3	18390937	CHR3:18390937	SSF x Near_LoA	-10,1656005	0,024	0,305
CHR3	18391011	CHR3:18391011	SSF x Near_LoA	-9,20066148	-0,114	0,314
CHR3	18391970	CHR3:18391970	SSF x Near_LoA	-7,97095588	0,136	0,317
CHR3	18392809	CHR3:18392809	SSF x Near_LoA	-9,28404888	0,108	0,305
CHR3	18392866	CHR3:18392866	SSF x Near_LoA	-9,05462316	0,096	0,296
CHR3	18392926	CHR3:18392926	SSF x Near_LoA	-8,52406972	0,098	0,304
CHR3	18403496	CHR3:18403496	SSF x Near_LoA	-11,9904857	0,028	0,307
CHR3	18403590	CHR3:18403590	SSF x Near_LoA	-9,77881802	0,054	0,300
CHR3	18408294	CHR3:18408294	SSF x Near_LoA	-11,1995012	-0,031	0,301
CHR3	18408386	CHR3:18408386	SSF x Near_LoA	-8,36510777	-0,087	0,312
CHR3	18418956	CHR3:18418956	SSF x Near_LoA	-9,34972014	0,027	0,315

CHR3	18418965	CHR3:18418965	SSF x Near_LoA	-11,6110687	-0,085	0,299
CHR3	18419045	CHR3:18419045	SSF x Near_LoA	-8,31722523	-0,057	0,330
CHR3	18419048	CHR3:18419048	SSF x Near_LoA	-9,08319259	0,081	0,299
CHR3	18419075	CHR3:18419075	SSF x Near_LoA	-7,60550307	0,111	0,295
CHR3	18419077	CHR3:18419077	SSF x Near_LoA	-8,79559825	0,101	0,293
CHR3	18419142	CHR3:18419142	SSF x Near_LoA	-9,7068571	-0,033	0,300
CHR3	18419161	CHR3:18419161	SSF x Near_LoA	-9,17608001	0,008	0,304
CHR3	18423083	CHR3:18423083	SSF x Near_LoA	-5,60171681	0,028	0,318
CHR3	18423121	CHR3:18423121	SSF x Near_LoA	-9,0966377	0,039	0,295
CHR3	18423131	CHR3:18423131	SSF x Near_LoA	-8,5225833	-0,003	0,308
CHR3	18428546	CHR3:18428546	SSF x Near_LoA	-9,72560075	-0,084	0,298
CHR3	1843061	CHR3:1843061	SSF x Near_LoA	-11,8634976	0,014	0,302
CHR3	18431851	CHR3:18431851	SSF x Near_LoA	-9,16150198	0,033	0,314
CHR3	1843198	CHR3:1843198	SSF x Near_LoA	-11,4392122	-0,017	0,307
CHR3	1843241	CHR3:1843241	SSF x Near_LoA	-10,7164054	0,011	0,318
CHR3	1843248	CHR3:1843248	SSF x Near_LoA	-9,92657447	-0,092	0,316
CHR3	18438966	CHR3:18438966	SSF x Near_LoA	-11,0776197	0,095	0,308
CHR3	18438970	CHR3:18438970	SSF x Near_LoA	-11,3931117	-0,087	0,306
CHR3	18438994	CHR3:18438994	SSF x Near_LoA	-2,78760351	0,026	0,298
CHR3	18440325	CHR3:18440325	SSF x Near_LoA	-7,99158326	0,133	0,301
CHR3	18440337	CHR3:18440337	SSF x Near_LoA	-8,56574656	0,086	0,299
CHR3	18440350	CHR3:18440350	SSF x Near_LoA	-7,19335682	-0,055	0,312
CHR3	18440383	CHR3:18440383	SSF x Near_LoA	-6,26175418	-0,105	0,319
CHR3	18440603	CHR3:18440603	SSF x Near_LoA	-10,7677548	-0,017	0,308
CHR3	18440680	CHR3:18440680	SSF x Near_LoA	-7,70056929	-0,097	0,304
CHR3	18448345	CHR3:18448345	SSF x Near_LoA	-9,88051108	-0,101	0,293
CHR3	18452546	CHR3:18452546	SSF x Near_LoA	-10,8693676	0,030	0,319
CHR3	18461706	CHR3:18461706	SSF x Near_LoA	-9,45571536	0,122	0,304
CHR3	18461909	CHR3:18461909	SSF x Near_LoA	-7,313454	0,144	0,299
CHR3	18469965	CHR3:18469965	SSF x Near_LoA	-3,55206284	0,072	0,309
CHR3	18469993	CHR3:18469993	SSF x Near_LoA	-9,20949268	0,122	0,303
CHR3	18469998	CHR3:18469998	SSF x Near_LoA	-9,47996907	-0,029	0,318
CHR3	18470043	CHR3:18470043	SSF x Near_LoA	-8,20095403	0,091	0,304
CHR3	18470270	CHR3:18470270	SSF x Near_LoA	-7,05991534	0,067	0,306
CHR3	18470346	CHR3:18470346	SSF x Near_LoA	-8,12519716	-0,118	0,307
CHR3	18474630	CHR3:18474630	SSF x Near_LoA	-9,79145727	0,048	0,306
CHR3	18474646	CHR3:18474646	SSF x Near_LoA	-9,80323962	-0,061	0,310
CHR3	18474775	CHR3:18474775	SSF x Near_LoA	-9,45219298	-0,003	0,309
CHR3	18479606	CHR3:18479606	SSF x Near_LoA	-8,33078518	-0,001	0,304
CHR3	18479618	CHR3:18479618	SSF x Near_LoA	-8,90362681	0,001	0,303
CHR3	18483378	CHR3:18483378	SSF x Near_LoA	-8,87423752	0,018	0,298
CHR3	18487838	CHR3:18487838	SSF x Near_LoA	-8,94462504	0,057	0,315
CHR3	18487875	CHR3:18487875	SSF x Near_LoA	-7,53331652	-0,058	0,314
CHR3	18487904	CHR3:18487904	SSF x Near_LoA	-7,42732008	-0,117	0,318
CHR3	18487919	CHR3:18487919	SSF x Near_LoA	-7,69105223	-0,098	0,314
CHR3	18487932	CHR3:18487932	SSF x Near_LoA	-5,52442188	-0,148	0,303
CHR3	18487935	CHR3:18487935	SSF x Near_LoA	-9,50460319	-0,148	0,303
CHR3	18487938	CHR3:18487938	SSF x Near_LoA	-6,81735681	-0,160	0,304
CHR3	18487955	CHR3:18487955	SSF x Near_LoA	-8,8269414	0,176	0,284
CHR3	18487978	CHR3:18487978	SSF x Near_LoA	-10,4692683	0,097	0,301
CHR3	18487991	CHR3:18487991	SSF x Near_LoA	-9,5294039	0,017	0,310
CHR3	18487997	CHR3:18487997	SSF x Near_LoA	-9,28842363	0,055	0,313
CHR3	18493737	CHR3:18493737	SSF x Near_LoA	-9,24443028	0,062	0,301

CHR3	18496071	CHR3:18496071	SSF x Near_LoA	-7,01843611	0,065	0,311
CHR3	18498216	CHR3:18498216	SSF x Near_LoA	-10,1629755	0,109	0,301
CHR3	18498232	CHR3:18498232	SSF x Near_LoA	-0,89055446	0,094	0,303
CHR3	18498233	CHR3:18498233	SSF x Near_LoA	-10,685383	0,103	0,304
CHR3	18498280	CHR3:18498280	SSF x Near_LoA	-10,4329333	-0,030	0,306
CHR3	18498282	CHR3:18498282	SSF x Near_LoA	-9,90714748	-0,066	0,305
CHR3	18500167	CHR3:18500167	SSF x Near_LoA	-6,90242434	0,234	0,280
CHR3	18500202	CHR3:18500202	SSF x Near_LoA	-4,66856497	0,240	0,292
CHR3	18500208	CHR3:18500208	SSF x Near_LoA	-10,4174199	0,092	0,296
CHR3	18501429	CHR3:18501429	SSF x Near_LoA	-9,40262637	-0,009	0,305
CHR3	1851209	CHR3:1851209	SSF x Near_LoA	-10,664122	-0,025	0,302
CHR3	1851218	CHR3:1851218	SSF x Near_LoA	-11,3871695	-0,010	0,305
CHR3	1851297	CHR3:1851297	SSF x Near_LoA	-4,80297656	-0,153	0,316
CHR3	1851432	CHR3:1851432	SSF x Near_LoA	-8,10529967	-0,010	0,311
CHR3	18537197	CHR3:18537197	SSF x Near_LoA	-7,77574535	-0,001	0,302
CHR3	18537321	CHR3:18537321	SSF x Near_LoA	-8,10177581	-0,057	0,314
CHR3	18538354	CHR3:18538354	SSF x Near_LoA	-6,02300457	0,063	0,307
CHR3	18538426	CHR3:18538426	SSF x Near_LoA	-7,90369822	0,060	0,302
CHR3	18538437	CHR3:18538437	SSF x Near_LoA	-10,0940876	0,045	0,286
CHR3	18555905	CHR3:18555905	SSF x Near_LoA	-3,2742784	0,171	0,290
CHR3	18555925	CHR3:18555925	SSF x Near_LoA	-8,64490749	-0,079	0,292
CHR3	18555934	CHR3:18555934	SSF x Near_LoA	-8,63191865	0,096	0,300
CHR3	18563114	CHR3:18563114	SSF x Near_LoA	-7,07247454	0,033	0,316
CHR3	18573795	CHR3:18573795	SSF x Near_LoA	-9,94281787	-0,004	0,310
CHR3	18573830	CHR3:18573830	SSF x Near_LoA	-5,79364013	-0,120	0,300
CHR3	18575264	CHR3:18575264	SSF x Near_LoA	-8,4282928	-0,040	0,317
CHR3	1858167	CHR3:1858167	SSF x Near_LoA	-9,36181425	0,078	0,307
CHR3	1858333	CHR3:1858333	SSF x Near_LoA	-11,2103646	0,110	0,310
CHR3	18583962	CHR3:18583962	SSF x Near_LoA	-6,9049718	-0,005	0,302
CHR3	18586720	CHR3:18586720	SSF x Near_LoA	-10,5619577	0,021	0,301
CHR3	18586807	CHR3:18586807	SSF x Near_LoA	-9,22202334	0,024	0,307
CHR3	18586845	CHR3:18586845	SSF x Near_LoA	-7,21735714	-0,001	0,313
CHR3	18586897	CHR3:18586897	SSF x Near_LoA	-10,5554123	-0,028	0,305
CHR3	18590707	CHR3:18590707	SSF x Near_LoA	-7,95157007	0,074	0,300
CHR3	18590790	CHR3:18590790	SSF x Near_LoA	-8,41100108	-0,052	0,295
CHR3	18590829	CHR3:18590829	SSF x Near_LoA	-7,31878168	-0,016	0,300
CHR3	18590894	CHR3:18590894	SSF x Near_LoA	-6,95417787	-0,136	0,303
CHR3	18598870	CHR3:18598870	SSF x Near_LoA	-11,0821307	-0,034	0,308
CHR3	18598922	CHR3:18598922	SSF x Near_LoA	-2,27477547	0,149	0,291
CHR3	18611689	CHR3:18611689	SSF x Near_LoA	-8,36747289	-0,034	0,314
CHR3	18611695	CHR3:18611695	SSF x Near_LoA	-6,43073713	0,136	0,304
CHR3	18611844	CHR3:18611844	SSF x Near_LoA	-9,19211327	0,035	0,293
CHR3	18620364	CHR3:18620364	SSF x Near_LoA	-7,28670466	-0,015	0,309
CHR3	18620418	CHR3:18620418	SSF x Near_LoA	-9,85230302	-0,006	0,326
CHR3	18620441	CHR3:18620441	SSF x Near_LoA	-9,49522442	0,002	0,307
CHR3	18620587	CHR3:18620587	SSF x Near_LoA	-8,95434295	0,041	0,310
CHR3	18620598	CHR3:18620598	SSF x Near_LoA	-9,79147537	-0,040	0,316
CHR3	18635912	CHR3:18635912	SSF x Near_LoA	-10,4557312	0,092	0,300
CHR3	18635944	CHR3:18635944	SSF x Near_LoA	-8,50983782	-0,054	0,291
CHR3	18635965	CHR3:18635965	SSF x Near_LoA	-7,23515924	0,032	0,313
CHR3	18635974	CHR3:18635974	SSF x Near_LoA	-7,39329439	-0,043	0,315
CHR3	1866079	CHR3:1866079	SSF x Near_LoA	-8,4091118	0,037	0,310
CHR3	18667463	CHR3:18667463	SSF x Near_LoA	-7,56899235	0,061	0,320

CHR3	18667499	CHR3:18667499	SSF x Near_LoA	-7,9345586	-0,074	0,321
CHR3	18667504	CHR3:18667504	SSF x Near_LoA	-8,07119454	0,115	0,315
CHR3	18667537	CHR3:18667537	SSF x Near_LoA	-8,97931455	0,039	0,301
CHR3	18670799	CHR3:18670799	SSF x Near_LoA	-8,94253631	-0,053	0,298
CHR3	18680085	CHR3:18680085	SSF x Near_LoA	-9,86773973	0,125	0,304
CHR3	18685961	CHR3:18685961	SSF x Near_LoA	-8,27460592	0,200	0,303
CHR3	18689061	CHR3:18689061	SSF x Near_LoA	-4,48625058	-0,194	0,291
CHR3	18695873	CHR3:18695873	SSF x Near_LoA	-7,83036278	0,122	0,314
CHR3	18696236	CHR3:18696236	SSF x Near_LoA	-8,7329046	-0,024	0,307
CHR3	18696291	CHR3:18696291	SSF x Near_LoA	-7,71881189	-0,069	0,312
CHR3	18696371	CHR3:18696371	SSF x Near_LoA	-8,40872387	-0,041	0,317
CHR3	18710274	CHR3:18710274	SSF x Near_LoA	-8,42725476	0,135	0,297
CHR3	18717894	CHR3:18717894	SSF x Near_LoA	-6,99531219	-0,122	0,329
CHR3	18718056	CHR3:18718056	SSF x Near_LoA	-9,88929645	-0,045	0,311
CHR3	18718071	CHR3:18718071	SSF x Near_LoA	-8,45199081	-0,097	0,317
CHR3	18718083	CHR3:18718083	SSF x Near_LoA	-6,82535289	-0,045	0,308
CHR3	18722712	CHR3:18722712	SSF x Near_LoA	-9,07691436	0,072	0,310
CHR3	18722929	CHR3:18722929	SSF x Near_LoA	-8,03907717	0,047	0,311
CHR3	18722944	CHR3:18722944	SSF x Near_LoA	-6,00674162	-0,047	0,309
CHR3	18726773	CHR3:18726773	SSF x Near_LoA	-9,59567189	0,049	0,303
CHR3	18726779	CHR3:18726779	SSF x Near_LoA	-7,73475085	0,049	0,323
CHR3	18726781	CHR3:18726781	SSF x Near_LoA	-8,80213512	0,054	0,301
CHR3	18726785	CHR3:18726785	SSF x Near_LoA	-8,92858537	0,066	0,312
CHR3	18726807	CHR3:18726807	SSF x Near_LoA	-9,54712976	0,068	0,309
CHR3	18726811	CHR3:18726811	SSF x Near_LoA	-9,62232485	0,104	0,308
CHR3	18726819	CHR3:18726819	SSF x Near_LoA	-9,22656926	0,051	0,315
CHR3	18726822	CHR3:18726822	SSF x Near_LoA	-8,24396539	0,094	0,308
CHR3	18726826	CHR3:18726826	SSF x Near_LoA	-9,43432928	0,050	0,319
CHR3	18730575	CHR3:18730575	SSF x Near_LoA	-7,5488477	-0,070	0,291
CHR3	18730726	CHR3:18730726	SSF x Near_LoA	-9,05217705	-0,104	0,297
CHR3	18736615	CHR3:18736615	SSF x Near_LoA	-5,87970848	-0,086	0,298
CHR3	18736636	CHR3:18736636	SSF x Near_LoA	-10,073994	-0,048	0,295
CHR3	18736663	CHR3:18736663	SSF x Near_LoA	-8,20804204	0,065	0,306
CHR3	18736669	CHR3:18736669	SSF x Near_LoA	-0,66749558	0,061	0,298
CHR3	18736676	CHR3:18736676	SSF x Near_LoA	-8,60184299	0,048	0,306
CHR3	18736679	CHR3:18736679	SSF x Near_LoA	-7,24516443	0,027	0,318
CHR3	18736683	CHR3:18736683	SSF x Near_LoA	-8,75597926	0,056	0,291
CHR3	18736691	CHR3:18736691	SSF x Near_LoA	-5,50530416	0,034	0,305
CHR3	18736785	CHR3:18736785	SSF x Near_LoA	-7,17251784	0,128	0,309
CHR3	18736807	CHR3:18736807	SSF x Near_LoA	-9,47080572	0,100	0,298
CHR3	18736810	CHR3:18736810	SSF x Near_LoA	-10,1053425	0,073	0,308
CHR3	18736822	CHR3:18736822	SSF x Near_LoA	-8,8992011	0,117	0,303
CHR3	18736847	CHR3:18736847	SSF x Near_LoA	-8,0964117	0,122	0,303
CHR3	18739219	CHR3:18739219	SSF x Near_LoA	-3,63371236	0,228	0,297
CHR3	18739246	CHR3:18739246	SSF x Near_LoA	-10,6128837	-0,024	0,305
CHR3	18739329	CHR3:18739329	SSF x Near_LoA	2,31456884	0,145	0,276
CHR3	18745864	CHR3:18745864	SSF x Near_LoA	-9,3129433	-0,016	0,309
CHR3	18745903	CHR3:18745903	SSF x Near_LoA	-8,93681642	0,023	0,328
CHR3	18745913	CHR3:18745913	SSF x Near_LoA	-7,92831549	-0,013	0,322
CHR3	18759524	CHR3:18759524	SSF x Near_LoA	-8,71456489	0,140	0,285
CHR3	18759557	CHR3:18759557	SSF x Near_LoA	-9,30583636	0,026	0,304
CHR3	18759568	CHR3:18759568	SSF x Near_LoA	-5,23333993	-0,050	0,317
CHR3	18770924	CHR3:18770924	SSF x Near_LoA	-7,55723082	-0,088	0,306

CHR3	18770942	CHR3:18770942	SSF x Near_LoA	-11,8420874	-0,004	0,310
CHR3	18770981	CHR3:18770981	SSF x Near_LoA	-10,3415415	0,009	0,335
CHR3	1877638	CHR3:1877638	SSF x Near_LoA	-10,5666417	-0,015	0,308
CHR3	18781033	CHR3:18781033	SSF x Near_LoA	-11,6658969	0,016	0,297
CHR3	18781054	CHR3:18781054	SSF x Near_LoA	-9,14395411	0,098	0,301
CHR3	18781072	CHR3:18781072	SSF x Near_LoA	-7,81143997	-0,109	0,296
CHR3	18781146	CHR3:18781146	SSF x Near_LoA	-7,55003603	0,079	0,305
CHR3	18781255	CHR3:18781255	SSF x Near_LoA	-10,9542579	-0,112	0,308
CHR3	18781265	CHR3:18781265	SSF x Near_LoA	-9,64066764	-0,101	0,319
CHR3	18781283	CHR3:18781283	SSF x Near_LoA	-8,20321322	0,115	0,308
CHR3	18781288	CHR3:18781288	SSF x Near_LoA	-9,25347168	-0,002	0,296
CHR3	18781309	CHR3:18781309	SSF x Near_LoA	-10,2243411	0,081	0,309
CHR3	18781312	CHR3:18781312	SSF x Near_LoA	-5,22745251	0,032	0,319
CHR3	18781334	CHR3:18781334	SSF x Near_LoA	-0,45295351	0,070	0,310
CHR3	18787284	CHR3:18787284	SSF x Near_LoA	-8,26909359	0,082	0,312
CHR3	18787291	CHR3:18787291	SSF x Near_LoA	-8,56564661	-0,016	0,315
CHR3	18787407	CHR3:18787407	SSF x Near_LoA	-8,88839059	0,024	0,290
CHR3	18805167	CHR3:18805167	SSF x Near_LoA	-8,89044107	0,001	0,305
CHR3	18805272	CHR3:18805272	SSF x Near_LoA	-7,43029187	0,035	0,305
CHR3	18807429	CHR3:18807429	SSF x Near_LoA	-8,63343619	0,047	0,307
CHR3	18807449	CHR3:18807449	SSF x Near_LoA	-8,4547628	-0,029	0,308
CHR3	18807470	CHR3:18807470	SSF x Near_LoA	-6,4603974	0,036	0,317
CHR3	18818783	CHR3:18818783	SSF x Near_LoA	-2,58961521	0,213	0,288
CHR3	18818784	CHR3:18818784	SSF x Near_LoA	-6,7703973	0,203	0,298
CHR3	18818863	CHR3:18818863	SSF x Near_LoA	-3,18946875	0,187	0,287
CHR3	18831776	CHR3:18831776	SSF x Near_LoA	-9,9082099	0,035	0,303
CHR3	18834908	CHR3:18834908	SSF x Near_LoA	-10,5364946	0,074	0,316
CHR3	18843598	CHR3:18843598	SSF x Near_LoA	-8,41957944	0,051	0,306
CHR3	18843600	CHR3:18843600	SSF x Near_LoA	-8,95853734	0,015	0,304
CHR3	18843639	CHR3:18843639	SSF x Near_LoA	-8,65139573	0,043	0,300
CHR3	18845141	CHR3:18845141	SSF x Near_LoA	-9,1409157	-0,103	0,303
CHR3	18845178	CHR3:18845178	SSF x Near_LoA	-8,67363616	0,029	0,297
CHR3	18852152	CHR3:18852152	SSF x Near_LoA	-8,41098527	0,104	0,290
CHR3	18852157	CHR3:18852157	SSF x Near_LoA	-9,54629868	0,113	0,307
CHR3	1885899	CHR3:1885899	SSF x Near_LoA	-10,4599217	0,064	0,301
CHR3	18866200	CHR3:18866200	SSF x Near_LoA	-1,45659782	0,109	0,291
CHR3	18866222	CHR3:18866222	SSF x Near_LoA	-8,60106276	-0,048	0,308
CHR3	18866247	CHR3:18866247	SSF x Near_LoA	-8,50388102	0,056	0,299
CHR3	18866248	CHR3:18866248	SSF x Near_LoA	-9,17617622	0,051	0,314
CHR3	18866262	CHR3:18866262	SSF x Near_LoA	-7,15930994	-0,008	0,317
CHR3	18866320	CHR3:18866320	SSF x Near_LoA	-8,34982063	0,005	0,312
CHR3	18877031	CHR3:18877031	SSF x Near_LoA	-10,6547021	-0,054	0,305
CHR3	18884346	CHR3:18884346	SSF x Near_LoA	-9,51385768	0,035	0,302
CHR3	18908960	CHR3:18908960	SSF x Near_LoA	-7,84952393	0,107	0,311
CHR3	18909014	CHR3:18909014	SSF x Near_LoA	-6,47791426	0,090	0,298
CHR3	18909217	CHR3:18909217	SSF x Near_LoA	-9,09131805	-0,033	0,313
CHR3	18909270	CHR3:18909270	SSF x Near_LoA	-10,5957077	-0,006	0,304
CHR3	18914204	CHR3:18914204	SSF x Near_LoA	-8,86956667	0,017	0,308
CHR3	18914332	CHR3:18914332	SSF x Near_LoA	-10,3135562	0,028	0,309
CHR3	1891758	CHR3:1891758	SSF x Near_LoA	-10,2017819	0,101	0,291
CHR3	1891811	CHR3:1891811	SSF x Near_LoA	-8,45233742	0,096	0,314
CHR3	1891812	CHR3:1891812	SSF x Near_LoA	-9,37358327	0,039	0,307
CHR3	1891814	CHR3:1891814	SSF x Near_LoA	-10,0764281	-0,031	0,303

CHR3	1891854	CHR3:1891854	SSF x Near_LoA	-7,28494625	0,175	0,288
CHR3	1891855	CHR3:1891855	SSF x Near_LoA	-7,62304254	-0,126	0,307
CHR3	1891865	CHR3:1891865	SSF x Near_LoA	-8,33349565	-0,079	0,327
CHR3	1891867	CHR3:1891867	SSF x Near_LoA	-4,10049572	-0,123	0,300
CHR3	18920385	CHR3:18920385	SSF x Near_LoA	-6,98859904	0,225	0,297
CHR3	18920404	CHR3:18920404	SSF x Near_LoA	-5,4618384	0,184	0,310
CHR3	18920511	CHR3:18920511	SSF x Near_LoA	-7,66135472	-0,073	0,313
CHR3	18920549	CHR3:18920549	SSF x Near_LoA	-9,54179018	0,098	0,307
CHR3	18925057	CHR3:18925057	SSF x Near_LoA	-9,99157766	0,067	0,304
CHR3	18929282	CHR3:18929282	SSF x Near_LoA	-9,64700682	0,002	0,289
CHR3	18929513	CHR3:18929513	SSF x Near_LoA	-10,7339224	0,008	0,316
CHR3	18940242	CHR3:18940242	SSF x Near_LoA	-9,2459773	-0,082	0,311
CHR3	18940308	CHR3:18940308	SSF x Near_LoA	-10,4564302	0,029	0,316
CHR3	18940367	CHR3:18940367	SSF x Near_LoA	-10,3378372	-0,069	0,313
CHR3	18940441	CHR3:18940441	SSF x Near_LoA	-11,6777829	0,070	0,303
CHR3	18940470	CHR3:18940470	SSF x Near_LoA	-8,58978584	0,189	0,278
CHR3	1894488	CHR3:1894488	SSF x Near_LoA	-9,53544521	0,042	0,300
CHR3	1894548	CHR3:1894548	SSF x Near_LoA	-7,69140387	0,215	0,283
CHR3	1894572	CHR3:1894572	SSF x Near_LoA	-11,8909441	-0,012	0,311
CHR3	18950111	CHR3:18950111	SSF x Near_LoA	-6,2631748	-0,146	0,286
CHR3	18950112	CHR3:18950112	SSF x Near_LoA	-9,51336277	-0,100	0,304
CHR3	18950216	CHR3:18950216	SSF x Near_LoA	-4,13313603	-0,156	0,296
CHR3	18950296	CHR3:18950296	SSF x Near_LoA	-7,63419078	-0,156	0,299
CHR3	18956819	CHR3:18956819	SSF x Near_LoA	-8,53011272	-0,026	0,313
CHR3	18956914	CHR3:18956914	SSF x Near_LoA	-9,1354748	0,035	0,314
CHR3	1896140	CHR3:1896140	SSF x Near_LoA	-8,92315355	-0,093	0,316
CHR3	18983686	CHR3:18983686	SSF x Near_LoA	-9,82957584	-0,073	0,300
CHR3	18983771	CHR3:18983771	SSF x Near_LoA	-12,0232778	0,009	0,315
CHR3	18986037	CHR3:18986037	SSF x Near_LoA	-7,66592976	0,129	0,319
CHR3	18993969	CHR3:18993969	SSF x Near_LoA	-11,4001655	0,065	0,319
CHR3	18994045	CHR3:18994045	SSF x Near_LoA	-3,69397016	0,188	0,305
CHR3	18994077	CHR3:18994077	SSF x Near_LoA	-7,42603411	0,171	0,304
CHR3	18994401	CHR3:18994401	SSF x Near_LoA	-9,23799701	-0,089	0,307
CHR3	18994425	CHR3:18994425	SSF x Near_LoA	-6,4156064	0,243	0,304
CHR3	18998163	CHR3:18998163	SSF x Near_LoA	-5,08930584	-0,190	0,305
CHR3	18998257	CHR3:18998257	SSF x Near_LoA	-7,94771961	-0,104	0,301
CHR3	1899997	CHR3:1899997	SSF x Near_LoA	-11,1902774	0,022	0,316
CHR3	19001015	CHR3:19001015	SSF x Near_LoA	-9,93869926	0,012	0,309
CHR3	19004112	CHR3:19004112	SSF x Near_LoA	-9,03532252	0,030	0,302
CHR3	19004171	CHR3:19004171	SSF x Near_LoA	-8,31238659	-0,016	0,312
CHR3	19004178	CHR3:19004178	SSF x Near_LoA	-6,77085849	0,129	0,294
CHR3	19004206	CHR3:19004206	SSF x Near_LoA	-9,61680663	0,078	0,284
CHR3	19019234	CHR3:19019234	SSF x Near_LoA	-11,5358296	0,042	0,306
CHR3	19019254	CHR3:19019254	SSF x Near_LoA	-12,3037768	0,047	0,291
CHR3	1902729	CHR3:1902729	SSF x Near_LoA	0,98080819	0,161	0,300
CHR3	19037787	CHR3:19037787	SSF x Near_LoA	-6,53355269	0,180	0,296
CHR3	19037795	CHR3:19037795	SSF x Near_LoA	-7,00252534	0,153	0,294
CHR3	19037839	CHR3:19037839	SSF x Near_LoA	-10,3261619	0,001	0,310
CHR3	19038028	CHR3:19038028	SSF x Near_LoA	-9,10409153	0,098	0,300
CHR3	19042842	CHR3:19042842	SSF x Near_LoA	-1,11301395	-0,195	0,301
CHR3	19042974	CHR3:19042974	SSF x Near_LoA	0,75820656	0,173	0,302
CHR3	19043065	CHR3:19043065	SSF x Near_LoA	-7,63895742	0,127	0,314
CHR3	19045508	CHR3:19045508	SSF x Near_LoA	-1,67129919	-0,143	0,304

CHR3	19045709	CHR3:19045709	SSF x Near_LoA	-7,62803952	0,016	0,317
CHR3	1906688	CHR3:1906688	SSF x Near_LoA	-9,87287711	0,034	0,301
CHR3	1906700	CHR3:1906700	SSF x Near_LoA	-10,9717855	0,040	0,285
CHR3	1906721	CHR3:1906721	SSF x Near_LoA	-11,0455212	-0,057	0,305
CHR3	1906731	CHR3:1906731	SSF x Near_LoA	-9,15263433	0,022	0,307
CHR3	19079604	CHR3:19079604	SSF x Near_LoA	-11,5837441	0,041	0,312
CHR3	19087977	CHR3:19087977	SSF x Near_LoA	-9,243388	-0,102	0,317
CHR3	1910886	CHR3:1910886	SSF x Near_LoA	-8,54393978	0,116	0,323
CHR3	1911840	CHR3:1911840	SSF x Near_LoA	-4,67476739	0,119	0,305
CHR3	1911890	CHR3:1911890	SSF x Near_LoA	-7,99530001	-0,066	0,291
CHR3	19147274	CHR3:19147274	SSF x Near_LoA	-9,09590688	-0,013	0,285
CHR3	19147372	CHR3:19147372	SSF x Near_LoA	-9,18965453	-0,009	0,282
CHR3	1915050	CHR3:1915050	SSF x Near_LoA	-8,99676154	-0,110	0,298
CHR3	1915877	CHR3:1915877	SSF x Near_LoA	-8,42107996	-0,028	0,305
CHR3	1915885	CHR3:1915885	SSF x Near_LoA	-9,04948247	0,044	0,294
CHR3	19167627	CHR3:19167627	SSF x Near_LoA	-9,32865677	0,096	0,307
CHR3	19167797	CHR3:19167797	SSF x Near_LoA	-12,1056669	0,000	0,306
CHR3	19167844	CHR3:19167844	SSF x Near_LoA	-5,69735068	0,118	0,305
CHR3	19167872	CHR3:19167872	SSF x Near_LoA	-4,7407747	0,103	0,305
CHR3	19167899	CHR3:19167899	SSF x Near_LoA	-9,04449987	-0,070	0,313
CHR3	19185518	CHR3:19185518	SSF x Near_LoA	-10,071742	-0,095	0,306
CHR3	19188177	CHR3:19188177	SSF x Near_LoA	-10,3282071	0,061	0,305
CHR3	19202979	CHR3:19202979	SSF x Near_LoA	-7,57276386	-0,067	0,311
CHR3	19203135	CHR3:19203135	SSF x Near_LoA	-9,08373713	0,006	0,313
CHR3	19210411	CHR3:19210411	SSF x Near_LoA	-6,96238048	0,124	0,295
CHR3	19210454	CHR3:19210454	SSF x Near_LoA	-10,2699202	0,025	0,310
CHR3	19210455	CHR3:19210455	SSF x Near_LoA	-8,69209942	0,020	0,310
CHR3	19217757	CHR3:19217757	SSF x Near_LoA	-8,43637152	-0,072	0,306
CHR3	19217759	CHR3:19217759	SSF x Near_LoA	-8,72085902	-0,093	0,314
CHR3	19217846	CHR3:19217846	SSF x Near_LoA	-6,01229246	0,088	0,302
CHR3	19219866	CHR3:19219866	SSF x Near_LoA	-8,05359398	-0,090	0,298
CHR3	19219871	CHR3:19219871	SSF x Near_LoA	-3,66983638	-0,121	0,325
CHR3	19219874	CHR3:19219874	SSF x Near_LoA	-9,46336975	0,042	0,304
CHR3	19219906	CHR3:19219906	SSF x Near_LoA	-8,45544447	0,067	0,293
CHR3	19219921	CHR3:19219921	SSF x Near_LoA	-7,61727419	-0,110	0,308
CHR3	1924661	CHR3:1924661	SSF x Near_LoA	-9,37853248	-0,037	0,302
CHR3	1924692	CHR3:1924692	SSF x Near_LoA	-8,96737495	-0,153	0,295
CHR3	19271641	CHR3:19271641	SSF x Near_LoA	-9,32905964	0,036	0,310
CHR3	19271744	CHR3:19271744	SSF x Near_LoA	-9,30388859	0,011	0,322
CHR3	19272982	CHR3:19272982	SSF x Near_LoA	-9,57610664	0,060	0,298
CHR3	19280297	CHR3:19280297	SSF x Near_LoA	-11,151058	0,043	0,315
CHR3	19280439	CHR3:19280439	SSF x Near_LoA	-10,6531683	0,006	0,315
CHR3	19280459	CHR3:19280459	SSF x Near_LoA	-10,8020692	0,000	0,315
CHR3	19282134	CHR3:19282134	SSF x Near_LoA	-11,0629232	0,009	0,305
CHR3	19282162	CHR3:19282162	SSF x Near_LoA	-8,56240999	0,088	0,307
CHR3	19282188	CHR3:19282188	SSF x Near_LoA	-9,78616993	0,011	0,318
CHR3	19282225	CHR3:19282225	SSF x Near_LoA	-10,7405885	0,032	0,316
CHR3	1929668	CHR3:1929668	SSF x Near_LoA	-8,42246137	-0,058	0,314
CHR3	19311589	CHR3:19311589	SSF x Near_LoA	-9,22567628	-0,125	0,303
CHR3	19311691	CHR3:19311691	SSF x Near_LoA	-8,06430124	-0,125	0,302
CHR3	1931637	CHR3:1931637	SSF x Near_LoA	-7,20774493	0,017	0,303
CHR3	1931646	CHR3:1931646	SSF x Near_LoA	-9,76366557	0,107	0,289
CHR3	19320705	CHR3:19320705	SSF x Near_LoA	-8,86377766	-0,077	0,303

CHR3	19320708	CHR3:19320708	SSF x Near_LoA	-10,6829219	-0,066	0,302
CHR3	19320766	CHR3:19320766	SSF x Near_LoA	-11,3813315	-0,040	0,301
CHR3	19334242	CHR3:19334242	SSF x Near_LoA	-8,03580201	0,156	0,306
CHR3	1933765	CHR3:1933765	SSF x Near_LoA	-10,8580386	0,085	0,304
CHR3	1933807	CHR3:1933807	SSF x Near_LoA	-10,4984237	-0,023	0,310
CHR3	1933871	CHR3:1933871	SSF x Near_LoA	-9,60128027	0,007	0,291
CHR3	1933937	CHR3:1933937	SSF x Near_LoA	-3,86528843	-0,161	0,303
CHR3	19368516	CHR3:19368516	SSF x Near_LoA	-10,3853273	-0,017	0,311
CHR3	19368527	CHR3:19368527	SSF x Near_LoA	-11,0485438	0,024	0,314
CHR3	19388369	CHR3:19388369	SSF x Near_LoA	-10,4616421	0,078	0,310
CHR3	19396364	CHR3:19396364	SSF x Near_LoA	-11,6345224	-0,023	0,302
CHR3	19398957	CHR3:19398957	SSF x Near_LoA	-8,85149012	0,032	0,317
CHR3	19438406	CHR3:19438406	SSF x Near_LoA	-7,82476277	0,031	0,307
CHR3	1944110	CHR3:1944110	SSF x Near_LoA	-6,35662769	-0,069	0,307
CHR3	1944173	CHR3:1944173	SSF x Near_LoA	-7,41157629	-0,014	0,312
CHR3	1944176	CHR3:1944176	SSF x Near_LoA	-9,52948816	-0,010	0,305
CHR3	1944201	CHR3:1944201	SSF x Near_LoA	-8,76709829	0,031	0,310
CHR3	19444348	CHR3:19444348	SSF x Near_LoA	-7,4496903	-0,122	0,310
CHR3	19444372	CHR3:19444372	SSF x Near_LoA	-7,48500723	0,052	0,304
CHR3	19448274	CHR3:19448274	SSF x Near_LoA	-8,66473146	-0,042	0,306
CHR3	19449987	CHR3:19449987	SSF x Near_LoA	-10,7951866	0,027	0,301
CHR3	19458331	CHR3:19458331	SSF x Near_LoA	-9,24093078	0,036	0,313
CHR3	19458332	CHR3:19458332	SSF x Near_LoA	-8,21943668	0,080	0,314
CHR3	1946914	CHR3:1946914	SSF x Near_LoA	-11,8729696	0,005	0,301
CHR3	19471516	CHR3:19471516	SSF x Near_LoA	-9,15660298	-0,032	0,306
CHR3	19488553	CHR3:19488553	SSF x Near_LoA	-9,73467883	-0,044	0,311
CHR3	19488593	CHR3:19488593	SSF x Near_LoA	-9,69476215	-0,019	0,311
CHR3	1949079	CHR3:1949079	SSF x Near_LoA	-8,61066397	0,042	0,309
CHR3	1949157	CHR3:1949157	SSF x Near_LoA	-11,1761357	-0,034	0,316
CHR3	2E+07	CHR3:19504329	SSF x Near_LoA	-10,8421368	0,031	0,322
CHR3	2E+07	CHR3:19504337	SSF x Near_LoA	-11,8370556	-0,027	0,297
CHR3	2E+07	CHR3:19504355	SSF x Near_LoA	-9,01397666	0,044	0,319
CHR3	2E+07	CHR3:19504370	SSF x Near_LoA	-11,2020774	-0,026	0,309
CHR3	2E+07	CHR3:19508689	SSF x Near_LoA	-5,33992526	-0,075	0,310
CHR3	2E+07	CHR3:19508696	SSF x Near_LoA	-7,40672503	0,039	0,295
CHR3	2E+07	CHR3:19508890	SSF x Near_LoA	-8,36249689	0,088	0,290
CHR3	2E+07	CHR3:19513025	SSF x Near_LoA	-11,1331053	0,090	0,295
CHR3	1951675	CHR3:1951675	SSF x Near_LoA	-7,95701421	-0,186	0,302
CHR3	2E+07	CHR3:19543505	SSF x Near_LoA	-6,05559489	0,115	0,291
CHR3	2E+07	CHR3:19543507	SSF x Near_LoA	-10,3308258	-0,077	0,295
CHR3	2E+07	CHR3:19543620	SSF x Near_LoA	-10,3164291	-0,055	0,303
CHR3	2E+07	CHR3:19543624	SSF x Near_LoA	-10,6304849	-0,070	0,308
CHR3	2E+07	CHR3:19563145	SSF x Near_LoA	-11,2114349	0,040	0,300
CHR3	2E+07	CHR3:19563204	SSF x Near_LoA	-9,41540835	-0,065	0,295
CHR3	2E+07	CHR3:19563322	SSF x Near_LoA	-8,81644847	-0,055	0,310
CHR3	2E+07	CHR3:19568620	SSF x Near_LoA	-7,14224794	-0,039	0,325
CHR3	2E+07	CHR3:19568652	SSF x Near_LoA	-8,15260342	-0,062	0,311
CHR3	2E+07	CHR3:19568672	SSF x Near_LoA	-10,3937042	0,045	0,306
CHR3	2E+07	CHR3:19568699	SSF x Near_LoA	-11,221289	0,058	0,291
CHR3	2E+07	CHR3:19576637	SSF x Near_LoA	-11,4718566	0,084	0,296
CHR3	2E+07	CHR3:19576648	SSF x Near_LoA	-10,2786714	0,004	0,306
CHR3	2E+07	CHR3:19576677	SSF x Near_LoA	-4,38508249	0,101	0,310
CHR3	2E+07	CHR3:19576732	SSF x Near_LoA	-9,82284302	-0,041	0,293

CHR3	2E+07	CHR3:19576774	SSF x Near_LoA	-9,91909788	0,085	0,303
CHR3	2E+07	CHR3:19576802	SSF x Near_LoA	-10,3314575	0,085	0,302
CHR3	2E+07	CHR3:19576882	SSF x Near_LoA	-9,14595566	0,085	0,321
CHR3	2E+07	CHR3:19576915	SSF x Near_LoA	-10,1234005	0,068	0,316
CHR3	2E+07	CHR3:19577786	SSF x Near_LoA	-10,2417568	-0,020	0,312
CHR3	2E+07	CHR3:19577863	SSF x Near_LoA	-9,77995264	-0,015	0,294
CHR3	2E+07	CHR3:19581047	SSF x Near_LoA	-6,57044491	-0,121	0,301
CHR3	2E+07	CHR3:19583353	SSF x Near_LoA	-9,69640216	0,055	0,308
CHR3	2E+07	CHR3:19583585	SSF x Near_LoA	-8,74745937	-0,055	0,316
CHR3	2E+07	CHR3:19583592	SSF x Near_LoA	-6,09629234	-0,063	0,318
CHR3	2E+07	CHR3:19592210	SSF x Near_LoA	-9,95916141	0,053	0,311
CHR3	2E+07	CHR3:19592255	SSF x Near_LoA	-9,59188259	-0,031	0,306
CHR3	2E+07	CHR3:19592289	SSF x Near_LoA	-9,34348515	-0,029	0,295
CHR3	2E+07	CHR3:19592298	SSF x Near_LoA	-10,0557022	-0,028	0,310
CHR3	2E+07	CHR3:19599044	SSF x Near_LoA	6,80020241	-0,137	0,317
CHR3	2E+07	CHR3:19599692	SSF x Near_LoA	-10,2716322	0,132	0,303
CHR3	2E+07	CHR3:19608527	SSF x Near_LoA	-6,96671116	0,128	0,297
CHR3	2E+07	CHR3:19609387	SSF x Near_LoA	-7,75091127	0,047	0,306
CHR3	2E+07	CHR3:19609491	SSF x Near_LoA	-7,8992887	0,064	0,293
CHR3	2E+07	CHR3:19609497	SSF x Near_LoA	-11,2728072	0,022	0,304
CHR3	2E+07	CHR3:19611306	SSF x Near_LoA	-10,892292	-0,043	0,295
CHR3	2E+07	CHR3:19611395	SSF x Near_LoA	-9,29940737	-0,083	0,314
CHR3	2E+07	CHR3:19628701	SSF x Near_LoA	-10,3657986	-0,017	0,314
CHR3	2E+07	CHR3:19628725	SSF x Near_LoA	-10,7555116	0,004	0,298
CHR3	2E+07	CHR3:19643656	SSF x Near_LoA	-7,83112491	-0,068	0,294
CHR3	2E+07	CHR3:19643661	SSF x Near_LoA	-10,47997	0,043	0,295
CHR3	2E+07	CHR3:19643727	SSF x Near_LoA	-6,86524514	-0,045	0,314
CHR3	2E+07	CHR3:19643739	SSF x Near_LoA	-8,93931116	0,042	0,311
CHR3	2E+07	CHR3:19643740	SSF x Near_LoA	-9,11650145	0,038	0,310
CHR3	2E+07	CHR3:19643742	SSF x Near_LoA	-9,32205237	0,027	0,308
CHR3	2E+07	CHR3:19643753	SSF x Near_LoA	-9,21688542	0,035	0,294
CHR3	2E+07	CHR3:19657589	SSF x Near_LoA	-10,4651665	-0,150	0,297
CHR3	2E+07	CHR3:19673673	SSF x Near_LoA	-10,1425817	0,053	0,307
CHR3	2E+07	CHR3:19673680	SSF x Near_LoA	-7,97090172	0,068	0,309
CHR3	2E+07	CHR3:19677435	SSF x Near_LoA	-8,75690484	-0,075	0,312
CHR3	2E+07	CHR3:19677486	SSF x Near_LoA	-10,8615808	-0,068	0,311
CHR3	2E+07	CHR3:19677490	SSF x Near_LoA	-8,91424263	0,045	0,326
CHR3	2E+07	CHR3:19677539	SSF x Near_LoA	-7,34126843	-0,119	0,307
CHR3	2E+07	CHR3:19677589	SSF x Near_LoA	-8,75248853	-0,109	0,305
CHR3	2E+07	CHR3:19677605	SSF x Near_LoA	-8,90648184	-0,062	0,307
CHR3	2E+07	CHR3:19679936	SSF x Near_LoA	-9,20122535	-0,078	0,297
CHR3	2E+07	CHR3:19686505	SSF x Near_LoA	-8,50643841	-0,034	0,310
CHR3	2E+07	CHR3:19686601	SSF x Near_LoA	-9,04307116	-0,073	0,303
CHR3	2E+07	CHR3:19694448	SSF x Near_LoA	-9,32642661	0,068	0,295
CHR3	2E+07	CHR3:19694499	SSF x Near_LoA	-6,27475915	0,076	0,309
CHR3	2E+07	CHR3:19694540	SSF x Near_LoA	-7,55159868	0,059	0,307
CHR3	2E+07	CHR3:19694556	SSF x Near_LoA	-7,23850911	-0,025	0,308
CHR3	2E+07	CHR3:19697923	SSF x Near_LoA	-9,54047646	0,024	0,307
CHR3	2E+07	CHR3:19698027	SSF x Near_LoA	-9,69819476	0,086	0,306
CHR3	2E+07	CHR3:19698035	SSF x Near_LoA	-9,93042144	-0,012	0,300
CHR3	2E+07	CHR3:19698089	SSF x Near_LoA	-10,2993729	0,016	0,303
CHR3	2E+07	CHR3:19698119	SSF x Near_LoA	-8,52450285	-0,079	0,295
CHR3	2E+07	CHR3:19698169	SSF x Near_LoA	-11,1834908	0,042	0,306

CHR3	2E+07	CHR3:19701284	SSF x Near_LoA	-11,6678633	0,068	0,287
CHR3	2E+07	CHR3:19701343	SSF x Near_LoA	-12,0636554	0,013	0,301
CHR3	2E+07	CHR3:19701463	SSF x Near_LoA	-8,59137953	0,053	0,323
CHR3	2E+07	CHR3:19701468	SSF x Near_LoA	-7,4870119	0,015	0,319
CHR3	2E+07	CHR3:19702555	SSF x Near_LoA	-8,14970634	0,010	0,309
CHR3	2E+07	CHR3:19702575	SSF x Near_LoA	-12,1776339	-0,106	0,302
CHR3	2E+07	CHR3:19724583	SSF x Near_LoA	-9,910315	0,127	0,301
CHR3	2E+07	CHR3:19726629	SSF x Near_LoA	-9,69455345	0,040	0,317
CHR3	2E+07	CHR3:19728153	SSF x Near_LoA	-8,72736744	0,032	0,309
CHR3	2E+07	CHR3:19728171	SSF x Near_LoA	-7,538848	0,043	0,317
CHR3	2E+07	CHR3:19728261	SSF x Near_LoA	-8,87699868	0,016	0,316
CHR3	2E+07	CHR3:19740521	SSF x Near_LoA	-10,0920889	0,038	0,302
CHR3	2E+07	CHR3:19740603	SSF x Near_LoA	-3,688051	-0,088	0,308
CHR3	2E+07	CHR3:19740618	SSF x Near_LoA	-8,53021736	0,069	0,309
CHR3	2E+07	CHR3:19740711	SSF x Near_LoA	-8,82006135	0,075	0,323
CHR3	2E+07	CHR3:19740712	SSF x Near_LoA	-8,79639178	-0,030	0,314
CHR3	2E+07	CHR3:19746840	SSF x Near_LoA	-10,1581448	-0,018	0,295
CHR3	2E+07	CHR3:19748563	SSF x Near_LoA	-9,89833557	0,018	0,299
CHR3	2E+07	CHR3:19764877	SSF x Near_LoA	-11,279374	0,005	0,307
CHR3	2E+07	CHR3:19776041	SSF x Near_LoA	-9,43118101	0,046	0,325
CHR3	2E+07	CHR3:19788968	SSF x Near_LoA	-8,3133824	-0,073	0,307
CHR3	2E+07	CHR3:19788981	SSF x Near_LoA	-4,17813975	0,010	0,302
CHR3	2E+07	CHR3:19789023	SSF x Near_LoA	-8,08140567	-0,036	0,309
CHR3	2E+07	CHR3:19789677	SSF x Near_LoA	-10,0927447	0,080	0,307
CHR3	2E+07	CHR3:19791329	SSF x Near_LoA	-7,09454632	-0,003	0,315
CHR3	2E+07	CHR3:19791351	SSF x Near_LoA	-9,57292573	-0,003	0,300
CHR3	2E+07	CHR3:19791358	SSF x Near_LoA	-10,9631808	0,005	0,308
CHR3	2E+07	CHR3:19791359	SSF x Near_LoA	-10,2200899	-0,049	0,304
CHR3	2E+07	CHR3:19791366	SSF x Near_LoA	-10,1205637	0,032	0,323
CHR3	2E+07	CHR3:19812520	SSF x Near_LoA	-11,1029798	-0,038	0,316
CHR3	2E+07	CHR3:19830114	SSF x Near_LoA	-7,2383421	0,016	0,305
CHR3	2E+07	CHR3:19830152	SSF x Near_LoA	-8,6471975	-0,017	0,306
CHR3	2E+07	CHR3:19830177	SSF x Near_LoA	-7,59327572	-0,028	0,301
CHR3	2E+07	CHR3:19830331	SSF x Near_LoA	-5,8160508	-0,132	0,288
CHR3	2E+07	CHR3:19830334	SSF x Near_LoA	-8,57724456	0,105	0,299
CHR3	2E+07	CHR3:19853683	SSF x Near_LoA	-11,0796094	0,002	0,318
CHR3	2E+07	CHR3:19864403	SSF x Near_LoA	-9,83363588	-0,013	0,305
CHR3	2E+07	CHR3:19864497	SSF x Near_LoA	-7,93630014	-0,034	0,317
CHR3	2E+07	CHR3:19864519	SSF x Near_LoA	-9,46201352	-0,015	0,303
CHR3	2E+07	CHR3:19864601	SSF x Near_LoA	-10,838986	-0,073	0,299
CHR3	2E+07	CHR3:19864628	SSF x Near_LoA	-7,87824441	0,058	0,288
CHR3	2E+07	CHR3:19864646	SSF x Near_LoA	-10,7280312	-0,010	0,312
CHR3	2E+07	CHR3:19864656	SSF x Near_LoA	-11,2339648	-0,042	0,303
CHR3	2E+07	CHR3:19886270	SSF x Near_LoA	-6,28966787	0,118	0,303
CHR3	2E+07	CHR3:19896860	SSF x Near_LoA	-7,1783717	0,040	0,308
CHR3	2E+07	CHR3:19896882	SSF x Near_LoA	-9,45531291	0,021	0,318
CHR3	2E+07	CHR3:19906535	SSF x Near_LoA	-10,1706574	0,023	0,290
CHR3	2E+07	CHR3:19906599	SSF x Near_LoA	-7,51743185	0,070	0,317
CHR3	2E+07	CHR3:19908796	SSF x Near_LoA	-10,8533975	0,004	0,302
CHR3	2E+07	CHR3:19908846	SSF x Near_LoA	-10,1077931	0,056	0,302
CHR3	2E+07	CHR3:19924521	SSF x Near_LoA	-10,2899954	0,026	0,295
CHR3	1992734	CHR3:1992734	SSF x Near_LoA	-7,69157439	-0,180	0,299
CHR3	1992809	CHR3:1992809	SSF x Near_LoA	-9,21652792	0,002	0,323

CHR3	2E+07	CHR3:19937345	SSF x Near_LoA	-5,05307549	-0,158	0,291
CHR3	2E+07	CHR3:19941286	SSF x Near_LoA	-7,75996442	-0,071	0,309
CHR3	2E+07	CHR3:19979912	SSF x Near_LoA	-9,51800802	0,095	0,312
CHR3	2E+07	CHR3:19986504	SSF x Near_LoA	-7,62361392	-0,154	0,301
CHR3	2E+07	CHR3:19986805	SSF x Near_LoA	-6,01912498	0,165	0,320
CHR3	2E+07	CHR3:20019012	SSF x Near_LoA	-8,61297862	-0,046	0,305
CHR3	2E+07	CHR3:20019095	SSF x Near_LoA	-7,48701405	0,122	0,313
CHR3	2E+07	CHR3:20019184	SSF x Near_LoA	-9,64892373	-0,077	0,311
CHR3	2E+07	CHR3:20083883	SSF x Near_LoA	-8,94433136	0,036	0,309
CHR3	2E+07	CHR3:20090801	SSF x Near_LoA	-7,96095109	0,090	0,325
CHR3	2E+07	CHR3:20090823	SSF x Near_LoA	-8,10722902	-0,035	0,299
CHR3	2E+07	CHR3:20090857	SSF x Near_LoA	-10,1896807	0,097	0,291
CHR3	2E+07	CHR3:20090860	SSF x Near_LoA	-10,4954054	-0,008	0,305
CHR3	2E+07	CHR3:20090873	SSF x Near_LoA	-7,44813935	-0,139	0,296
CHR3	2E+07	CHR3:20090885	SSF x Near_LoA	-10,0129152	0,045	0,311
CHR3	2E+07	CHR3:20090892	SSF x Near_LoA	-10,4810409	0,064	0,318
CHR3	2E+07	CHR3:20090911	SSF x Near_LoA	-10,9578937	0,107	0,312
CHR3	2E+07	CHR3:20090954	SSF x Near_LoA	-10,2951299	0,113	0,297
CHR3	2E+07	CHR3:20091026	SSF x Near_LoA	-7,56421569	-0,111	0,318
CHR3	2E+07	CHR3:20091047	SSF x Near_LoA	-10,8873721	0,100	0,299
CHR3	2E+07	CHR3:20097258	SSF x Near_LoA	-11,0814949	-0,102	0,306
CHR3	2E+07	CHR3:20098362	SSF x Near_LoA	-10,5190197	-0,001	0,298
CHR3	2010604	CHR3:2010604	SSF x Near_LoA	-4,09224368	0,142	0,305
CHR3	2010605	CHR3:2010605	SSF x Near_LoA	-8,65874083	-0,064	0,310
CHR3	2010681	CHR3:2010681	SSF x Near_LoA	-7,39135507	0,124	0,298
CHR3	2E+07	CHR3:20110025	SSF x Near_LoA	-11,9424515	0,007	0,294
CHR3	2013101	CHR3:2013101	SSF x Near_LoA	-7,45774993	-0,134	0,293
CHR3	2013108	CHR3:2013108	SSF x Near_LoA	-8,99306235	-0,101	0,313
CHR3	2013128	CHR3:2013128	SSF x Near_LoA	-12,4079955	-0,026	0,315
CHR3	2013151	CHR3:2013151	SSF x Near_LoA	-10,6321761	0,053	0,303
CHR3	2013161	CHR3:2013161	SSF x Near_LoA	-9,41665704	-0,032	0,291
CHR3	2013253	CHR3:2013253	SSF x Near_LoA	-9,85416957	-0,035	0,307
CHR3	2013334	CHR3:2013334	SSF x Near_LoA	-9,82183179	0,065	0,315
CHR3	2E+07	CHR3:20135739	SSF x Near_LoA	-10,5740051	0,068	0,300
CHR3	2017136	CHR3:2017136	SSF x Near_LoA	-9,57502718	-0,038	0,328
CHR3	2017202	CHR3:2017202	SSF x Near_LoA	-8,43687337	-0,085	0,298
CHR3	2017247	CHR3:2017247	SSF x Near_LoA	-9,53897158	-0,007	0,305
CHR3	2017344	CHR3:2017344	SSF x Near_LoA	-9,9443372	-0,019	0,327
CHR3	2017366	CHR3:2017366	SSF x Near_LoA	-9,92673638	0,070	0,298
CHR3	2E+07	CHR3:20184703	SSF x Near_LoA	-6,29120208	-0,109	0,312
CHR3	2E+07	CHR3:20189901	SSF x Near_LoA	-10,3867398	-0,040	0,318
CHR3	2E+07	CHR3:20191208	SSF x Near_LoA	-9,06922135	-0,040	0,305
CHR3	2E+07	CHR3:20241077	SSF x Near_LoA	-11,7434672	-0,010	0,299
CHR3	2E+07	CHR3:20243691	SSF x Near_LoA	-11,2921939	0,018	0,313
CHR3	2E+07	CHR3:20243872	SSF x Near_LoA	-3,0654439	-0,064	0,315
CHR3	2E+07	CHR3:20243927	SSF x Near_LoA	-8,00464102	0,099	0,304
CHR3	2E+07	CHR3:20246095	SSF x Near_LoA	-10,3193745	0,002	0,314
CHR3	2E+07	CHR3:20246147	SSF x Near_LoA	-10,1845281	0,012	0,313
CHR3	2E+07	CHR3:20269182	SSF x Near_LoA	-9,40767035	-0,057	0,317
CHR3	2E+07	CHR3:20269204	SSF x Near_LoA	-10,6482002	-0,065	0,314
CHR3	2E+07	CHR3:20273487	SSF x Near_LoA	-8,94641081	0,058	0,316
CHR3	2E+07	CHR3:20273488	SSF x Near_LoA	-9,19460689	0,052	0,312
CHR3	2E+07	CHR3:20273619	SSF x Near_LoA	-10,7664711	0,131	0,297

CHR3	2E+07	CHR3:20273624	SSF x Near_LoA	-9,07229122	0,017	0,312
CHR3	2E+07	CHR3:20288618	SSF x Near_LoA	1,98056789	0,044	0,291
CHR3	2E+07	CHR3:20288619	SSF x Near_LoA	-9,09764192	0,038	0,311
CHR3	2E+07	CHR3:20288633	SSF x Near_LoA	-10,8023771	-0,028	0,315
CHR3	2E+07	CHR3:20289290	SSF x Near_LoA	-10,3350196	0,018	0,313
CHR3	2E+07	CHR3:20289291	SSF x Near_LoA	-10,2902738	0,085	0,310
CHR3	2E+07	CHR3:20293297	SSF x Near_LoA	-7,27867476	-0,093	0,314
CHR3	2E+07	CHR3:20293308	SSF x Near_LoA	-9,9827073	0,124	0,306
CHR3	2E+07	CHR3:20297781	SSF x Near_LoA	-9,46575859	-0,070	0,306
CHR3	2E+07	CHR3:20297804	SSF x Near_LoA	-9,31945957	-0,063	0,299
CHR3	2E+07	CHR3:20297835	SSF x Near_LoA	-7,8098461	0,002	0,313
CHR3	2E+07	CHR3:20297936	SSF x Near_LoA	-8,67522218	-0,123	0,304
CHR3	2E+07	CHR3:20303900	SSF x Near_LoA	-11,7926915	0,012	0,309
CHR3	2E+07	CHR3:20304128	SSF x Near_LoA	-5,66239531	-0,139	0,309
CHR3	2E+07	CHR3:20311646	SSF x Near_LoA	-8,8127597	0,033	0,309
CHR3	2E+07	CHR3:20311647	SSF x Near_LoA	-9,34201211	0,008	0,312
CHR3	2E+07	CHR3:20311673	SSF x Near_LoA	-8,04514294	0,139	0,306
CHR3	2E+07	CHR3:20312823	SSF x Near_LoA	-10,0542334	-0,137	0,308
CHR3	2E+07	CHR3:20312829	SSF x Near_LoA	-9,12716248	-0,120	0,318
CHR3	2E+07	CHR3:20318101	SSF x Near_LoA	-10,5299159	-0,017	0,300
CHR3	2E+07	CHR3:20318148	SSF x Near_LoA	-12,0589999	0,065	0,305
CHR3	2E+07	CHR3:20318152	SSF x Near_LoA	-11,2689618	0,007	0,299
CHR3	2E+07	CHR3:20318214	SSF x Near_LoA	-9,80729338	0,115	0,311
CHR3	2E+07	CHR3:20318244	SSF x Near_LoA	-10,1169169	0,025	0,313
CHR3	2E+07	CHR3:20318278	SSF x Near_LoA	-10,4013758	0,108	0,319
CHR3	2E+07	CHR3:20318308	SSF x Near_LoA	-6,79746283	-0,009	0,305
CHR3	2E+07	CHR3:20334079	SSF x Near_LoA	-8,15148692	0,052	0,314
CHR3	2E+07	CHR3:20334108	SSF x Near_LoA	-9,87260929	0,043	0,306
CHR3	2E+07	CHR3:20334122	SSF x Near_LoA	-10,208603	0,056	0,296
CHR3	2E+07	CHR3:20340267	SSF x Near_LoA	-7,77808979	0,057	0,324
CHR3	2E+07	CHR3:20348389	SSF x Near_LoA	-8,09428062	-0,006	0,315
CHR3	2E+07	CHR3:20348390	SSF x Near_LoA	-8,64236063	0,051	0,314
CHR3	2E+07	CHR3:20348475	SSF x Near_LoA	-6,68851676	0,161	0,305
CHR3	2E+07	CHR3:20352268	SSF x Near_LoA	-9,89181835	0,081	0,305
CHR3	2035926	CHR3:2035926	SSF x Near_LoA	-10,1256636	-0,060	0,304
CHR3	2E+07	CHR3:20372004	SSF x Near_LoA	-8,84465275	0,017	0,315
CHR3	2E+07	CHR3:20373365	SSF x Near_LoA	-8,30083477	0,067	0,312
CHR3	2E+07	CHR3:20373381	SSF x Near_LoA	-8,98054917	0,058	0,316
CHR3	2E+07	CHR3:20381435	SSF x Near_LoA	-6,93267033	0,170	0,309
CHR3	2E+07	CHR3:20381587	SSF x Near_LoA	-5,04954484	-0,042	0,313
CHR3	2E+07	CHR3:20381601	SSF x Near_LoA	-6,57254797	-0,076	0,297
CHR3	2E+07	CHR3:20392363	SSF x Near_LoA	0,67992575	-0,010	0,310
CHR3	2040375	CHR3:2040375	SSF x Near_LoA	-9,12226816	-0,083	0,305
CHR3	2040456	CHR3:2040456	SSF x Near_LoA	-7,91093157	-0,094	0,306
CHR3	2E+07	CHR3:20415549	SSF x Near_LoA	-8,86797889	-0,093	0,290
CHR3	2E+07	CHR3:20418900	SSF x Near_LoA	0,64000245	0,093	0,303
CHR3	2E+07	CHR3:20418969	SSF x Near_LoA	-9,57898798	0,031	0,315
CHR3	2E+07	CHR3:20420036	SSF x Near_LoA	-7,86739404	-0,093	0,318
CHR3	2E+07	CHR3:20420038	SSF x Near_LoA	-4,13541083	-0,064	0,309
CHR3	2E+07	CHR3:20420049	SSF x Near_LoA	-8,7141831	-0,041	0,312
CHR3	2E+07	CHR3:20420129	SSF x Near_LoA	-10,1876845	-0,108	0,301
CHR3	2E+07	CHR3:20423962	SSF x Near_LoA	-3,58309826	-0,227	0,288
CHR3	2E+07	CHR3:20424038	SSF x Near_LoA	-9,29608943	0,100	0,304

CHR3	2E+07	CHR3:20431658	SSF x Near_LoA	-11,0931636	0,048	0,304
CHR3	2E+07	CHR3:20433926	SSF x Near_LoA	-6,60793263	-0,071	0,315
CHR3	2E+07	CHR3:20438249	SSF x Near_LoA	-11,1276492	-0,039	0,318
CHR3	2E+07	CHR3:20447315	SSF x Near_LoA	-9,81586199	0,030	0,305
CHR3	2E+07	CHR3:20450787	SSF x Near_LoA	-9,43551604	-0,081	0,314
CHR3	2E+07	CHR3:20450867	SSF x Near_LoA	-7,71678069	-0,027	0,307
CHR3	2E+07	CHR3:20453790	SSF x Near_LoA	-8,57874737	0,042	0,322
CHR3	2E+07	CHR3:20453960	SSF x Near_LoA	-10,6866845	0,015	0,294
CHR3	2E+07	CHR3:20453973	SSF x Near_LoA	-9,61953074	-0,134	0,321
CHR3	2045682	CHR3:2045682	SSF x Near_LoA	-10,3240605	0,024	0,288
CHR3	2045875	CHR3:2045875	SSF x Near_LoA	-10,0680469	-0,057	0,300
CHR3	2045886	CHR3:2045886	SSF x Near_LoA	-10,4133613	0,001	0,300
CHR3	2045890	CHR3:2045890	SSF x Near_LoA	-10,9104332	-0,079	0,315
CHR3	2E+07	CHR3:20468508	SSF x Near_LoA	-11,5081474	0,020	0,301
CHR3	2E+07	CHR3:20468541	SSF x Near_LoA	-7,91414367	-0,048	0,306
CHR3	2E+07	CHR3:20476403	SSF x Near_LoA	-10,1954721	0,073	0,312
CHR3	2E+07	CHR3:20476533	SSF x Near_LoA	-10,3893381	-0,054	0,298
CHR3	2E+07	CHR3:20492875	SSF x Near_LoA	-10,8641797	0,121	0,292
CHR3	2E+07	CHR3:20492877	SSF x Near_LoA	-10,8823282	0,116	0,305
CHR3	2E+07	CHR3:20492912	SSF x Near_LoA	-9,05725865	0,061	0,315
CHR3	2E+07	CHR3:20492959	SSF x Near_LoA	-8,13904663	0,097	0,295
CHR3	2E+07	CHR3:20493680	SSF x Near_LoA	-6,91219102	0,080	0,316
CHR3	20505094	CHR3:20505094	SSF x Near_LoA	-8,93720893	0,080	0,292
CHR3	20505113	CHR3:20505113	SSF x Near_LoA	-4,29760663	0,098	0,312
CHR3	20546699	CHR3:20546699	SSF x Near_LoA	-9,04200568	-0,083	0,320
CHR3	20546998	CHR3:20546998	SSF x Near_LoA	-11,3152918	0,079	0,306
CHR3	20547000	CHR3:20547000	SSF x Near_LoA	-10,2343085	0,111	0,312
CHR3	20551178	CHR3:20551178	SSF x Near_LoA	-7,57249377	-0,018	0,318
CHR3	20551203	CHR3:20551203	SSF x Near_LoA	-8,96374205	0,014	0,321
CHR3	20551268	CHR3:20551268	SSF x Near_LoA	-7,67953309	-0,051	0,317
CHR3	20551453	CHR3:20551453	SSF x Near_LoA	-10,1170121	0,019	0,331
CHR3	20564210	CHR3:20564210	SSF x Near_LoA	-12,7288109	0,045	0,286
CHR3	20564280	CHR3:20564280	SSF x Near_LoA	-8,84418976	0,085	0,311
CHR3	20566199	CHR3:20566199	SSF x Near_LoA	-6,64878673	0,054	0,314
CHR3	20566214	CHR3:20566214	SSF x Near_LoA	-8,69397995	0,059	0,314
CHR3	20566230	CHR3:20566230	SSF x Near_LoA	-8,68141223	0,034	0,319
CHR3	20566269	CHR3:20566269	SSF x Near_LoA	-9,27389488	0,050	0,305
CHR3	20566274	CHR3:20566274	SSF x Near_LoA	-7,69127887	0,072	0,305
CHR3	20566286	CHR3:20566286	SSF x Near_LoA	-9,82935399	0,025	0,305
CHR3	20566297	CHR3:20566297	SSF x Near_LoA	-8,71567042	0,035	0,312
CHR3	20566362	CHR3:20566362	SSF x Near_LoA	-6,49232276	0,087	0,313
CHR3	20569232	CHR3:20569232	SSF x Near_LoA	-8,89211267	-0,039	0,297
CHR3	20569238	CHR3:20569238	SSF x Near_LoA	-11,1412748	-0,069	0,304
CHR3	20569298	CHR3:20569298	SSF x Near_LoA	-9,11375438	-0,091	0,298
CHR3	20570298	CHR3:20570298	SSF x Near_LoA	-6,95116954	0,079	0,307
CHR3	20570441	CHR3:20570441	SSF x Near_LoA	-8,92781185	-0,003	0,303
CHR3	20584535	CHR3:20584535	SSF x Near_LoA	-7,60603477	0,032	0,321
CHR3	20586524	CHR3:20586524	SSF x Near_LoA	-10,1842539	0,007	0,321
CHR3	20586621	CHR3:20586621	SSF x Near_LoA	-11,5359295	-0,050	0,307
CHR3	20586706	CHR3:20586706	SSF x Near_LoA	-8,03473621	-0,173	0,305
CHR3	20586851	CHR3:20586851	SSF x Near_LoA	-9,98002404	0,085	0,312
CHR3	20598714	CHR3:20598714	SSF x Near_LoA	-6,45078536	0,205	0,291
CHR3	20599723	CHR3:20599723	SSF x Near_LoA	-8,61099953	-0,142	0,300

CHR3	20599773	CHR3:20599773	SSF x Near_LoA	-9,13451073	0,039	0,304
CHR3	20599796	CHR3:20599796	SSF x Near_LoA	-8,62823753	-0,041	0,312
CHR3	20610691	CHR3:20610691	SSF x Near_LoA	-0,42352989	-0,163	0,309
CHR3	20610737	CHR3:20610737	SSF x Near_LoA	-7,84331578	-0,019	0,307
CHR3	20610855	CHR3:20610855	SSF x Near_LoA	-11,1277055	-0,070	0,307
CHR3	20621050	CHR3:20621050	SSF x Near_LoA	-10,4432329	-0,088	0,301
CHR3	20621123	CHR3:20621123	SSF x Near_LoA	-10,9152695	0,000	0,304
CHR3	20630907	CHR3:20630907	SSF x Near_LoA	-8,92556143	0,073	0,312
CHR3	20640750	CHR3:20640750	SSF x Near_LoA	-10,4503695	0,050	0,321
CHR3	20670590	CHR3:20670590	SSF x Near_LoA	-8,45422481	-0,072	0,312
CHR3	20670593	CHR3:20670593	SSF x Near_LoA	-11,5779383	-0,040	0,312
CHR3	2068798	CHR3:2068798	SSF x Near_LoA	-11,7590716	-0,080	0,320
CHR3	2068874	CHR3:2068874	SSF x Near_LoA	-9,43082559	-0,062	0,312
CHR3	2068996	CHR3:2068996	SSF x Near_LoA	-7,59580253	0,160	0,306
CHR3	20706542	CHR3:20706542	SSF x Near_LoA	-11,35389	-0,014	0,313
CHR3	20706546	CHR3:20706546	SSF x Near_LoA	-7,81857178	0,121	0,282
CHR3	20714247	CHR3:20714247	SSF x Near_LoA	-11,7767966	0,016	0,302
CHR3	20714274	CHR3:20714274	SSF x Near_LoA	-6,56005135	0,184	0,304
CHR3	20719902	CHR3:20719902	SSF x Near_LoA	-8,66532618	0,200	0,302
CHR3	2073467	CHR3:2073467	SSF x Near_LoA	-9,31933631	-0,015	0,303
CHR3	20752524	CHR3:20752524	SSF x Near_LoA	-12,1941935	0,015	0,299
CHR3	20760725	CHR3:20760725	SSF x Near_LoA	-7,4323544	0,058	0,289
CHR3	20773492	CHR3:20773492	SSF x Near_LoA	-7,42941573	-0,021	0,316
CHR3	20773542	CHR3:20773542	SSF x Near_LoA	-9,49038133	-0,023	0,317
CHR3	20789168	CHR3:20789168	SSF x Near_LoA	-9,2663586	0,068	0,313
CHR3	20812220	CHR3:20812220	SSF x Near_LoA	-10,08141	0,035	0,303
CHR3	2082249	CHR3:2082249	SSF x Near_LoA	-8,4307921	0,008	0,313
CHR3	20822741	CHR3:20822741	SSF x Near_LoA	-8,6773931	0,130	0,307
CHR3	2082312	CHR3:2082312	SSF x Near_LoA	-2,13233416	0,065	0,296
CHR3	2082363	CHR3:2082363	SSF x Near_LoA	-7,46153946	-0,170	0,297
CHR3	20843215	CHR3:20843215	SSF x Near_LoA	-10,7577025	-0,078	0,318
CHR3	2084696	CHR3:2084696	SSF x Near_LoA	-7,50857659	0,078	0,312
CHR3	20866233	CHR3:20866233	SSF x Near_LoA	-7,34900271	0,135	0,303
CHR3	20874682	CHR3:20874682	SSF x Near_LoA	-8,5819439	0,022	0,308
CHR3	2087806	CHR3:2087806	SSF x Near_LoA	-8,52996729	-0,025	0,306
CHR3	2087874	CHR3:2087874	SSF x Near_LoA	-10,3017136	0,083	0,295
CHR3	2087907	CHR3:2087907	SSF x Near_LoA	-7,45577048	0,108	0,310
CHR3	2087979	CHR3:2087979	SSF x Near_LoA	-10,0186309	-0,061	0,313
CHR3	20931873	CHR3:20931873	SSF x Near_LoA	-7,73413506	0,029	0,309
CHR3	20931929	CHR3:20931929	SSF x Near_LoA	-8,51982079	-0,013	0,319
CHR3	20931975	CHR3:20931975	SSF x Near_LoA	-7,21587269	-0,003	0,327
CHR3	20931983	CHR3:20931983	SSF x Near_LoA	-8,32694394	0,010	0,313
CHR3	20931984	CHR3:20931984	SSF x Near_LoA	-8,76549668	-0,029	0,311
CHR3	20931989	CHR3:20931989	SSF x Near_LoA	-9,17684121	-0,018	0,313
CHR3	20931993	CHR3:20931993	SSF x Near_LoA	-8,79534127	0,018	0,305
CHR3	20932043	CHR3:20932043	SSF x Near_LoA	-7,37887275	-0,019	0,327
CHR3	20932067	CHR3:20932067	SSF x Near_LoA	-6,65597949	-0,018	0,315
CHR3	2095938	CHR3:2095938	SSF x Near_LoA	-9,86922749	-0,060	0,303
CHR3	2096002	CHR3:2096002	SSF x Near_LoA	-7,8852977	-0,043	0,310
CHR3	2096003	CHR3:2096003	SSF x Near_LoA	-9,38618576	0,014	0,297
CHR3	2096071	CHR3:2096071	SSF x Near_LoA	-9,83539581	-0,065	0,319
CHR3	209662	CHR3:209662	SSF x Near_LoA	-11,2974501	-0,039	0,321
CHR3	20967433	CHR3:20967433	SSF x Near_LoA	-8,05444704	0,001	0,321

CHR3	20967461	CHR3:20967461	SSF x Near_LoA	-8,54344175	0,002	0,321
CHR3	20967483	CHR3:20967483	SSF x Near_LoA	-6,43557644	-0,022	0,321
CHR3	20967511	CHR3:20967511	SSF x Near_LoA	-8,53158068	-0,016	0,331
CHR3	20967548	CHR3:20967548	SSF x Near_LoA	-8,85054423	-0,005	0,316
CHR3	20967728	CHR3:20967728	SSF x Near_LoA	-8,87135269	0,007	0,319
CHR3	20967744	CHR3:20967744	SSF x Near_LoA	-9,48316246	-0,011	0,312
CHR3	20974577	CHR3:20974577	SSF x Near_LoA	-6,58710795	-0,022	0,307
CHR3	21005041	CHR3:21005041	SSF x Near_LoA	-7,6433454	-0,031	0,313
CHR3	21005152	CHR3:21005152	SSF x Near_LoA	-9,35939184	-0,008	0,313
CHR3	2105364	CHR3:2105364	SSF x Near_LoA	-3,10235662	-0,107	0,304
CHR3	2105483	CHR3:2105483	SSF x Near_LoA	-7,66712331	-0,077	0,310
CHR3	2105500	CHR3:2105500	SSF x Near_LoA	-8,32598504	-0,075	0,308
CHR3	2105619	CHR3:2105619	SSF x Near_LoA	-6,38162003	0,129	0,299
CHR3	2106907	CHR3:2106907	SSF x Near_LoA	-10,4846703	-0,048	0,314
CHR3	21074693	CHR3:21074693	SSF x Near_LoA	-6,87340146	0,013	0,317
CHR3	21074709	CHR3:21074709	SSF x Near_LoA	-9,152873	-0,008	0,302
CHR3	21074784	CHR3:21074784	SSF x Near_LoA	1,3676941	-0,016	0,324
CHR3	21074816	CHR3:21074816	SSF x Near_LoA	-7,35459504	0,003	0,321
CHR3	21091908	CHR3:21091908	SSF x Near_LoA	-9,164468	-0,022	0,324
CHR3	21092054	CHR3:21092054	SSF x Near_LoA	-7,73138316	-0,025	0,318
CHR3	21092087	CHR3:21092087	SSF x Near_LoA	-8,06509701	-0,027	0,328
CHR3	21092092	CHR3:21092092	SSF x Near_LoA	-5,53513408	0,010	0,328
CHR3	21092103	CHR3:21092103	SSF x Near_LoA	-8,89929878	-0,009	0,320
CHR3	21092146	CHR3:21092146	SSF x Near_LoA	-8,59665442	-0,014	0,302
CHR3	21092179	CHR3:21092179	SSF x Near_LoA	-5,06151751	0,011	0,303
CHR3	21149046	CHR3:21149046	SSF x Near_LoA	-8,63618757	0,001	0,315
CHR3	21159661	CHR3:21159661	SSF x Near_LoA	-5,48905284	0,041	0,315
CHR3	21203766	CHR3:21203766	SSF x Near_LoA	-10,1205723	0,040	0,287
CHR3	2123349	CHR3:2123349	SSF x Near_LoA	-10,9225004	0,034	0,312
CHR3	2123430	CHR3:2123430	SSF x Near_LoA	-7,72535207	0,042	0,306
CHR3	21271395	CHR3:21271395	SSF x Near_LoA	-9,32714283	0,001	0,314
CHR3	21310410	CHR3:21310410	SSF x Near_LoA	-10,2487743	-0,036	0,304
CHR3	2132204	CHR3:2132204	SSF x Near_LoA	-8,00760559	-0,047	0,311
CHR3	21375820	CHR3:21375820	SSF x Near_LoA	-11,5327136	0,068	0,299
CHR3	2142954	CHR3:2142954	SSF x Near_LoA	-6,72390024	0,110	0,290
CHR3	21429597	CHR3:21429597	SSF x Near_LoA	-8,26678316	0,071	0,315
CHR3	214731	CHR3:214731	SSF x Near_LoA	-8,64933926	-0,097	0,320
CHR3	2147766	CHR3:2147766	SSF x Near_LoA	-6,60962658	-0,110	0,302
CHR3	2147951	CHR3:2147951	SSF x Near_LoA	-9,48589113	-0,074	0,300
CHR3	21501211	CHR3:21501211	SSF x Near_LoA	-10,0478169	0,023	0,304
CHR3	21501271	CHR3:21501271	SSF x Near_LoA	-11,1765352	0,038	0,312
CHR3	21510062	CHR3:21510062	SSF x Near_LoA	-11,0523189	0,033	0,303
CHR3	21510105	CHR3:21510105	SSF x Near_LoA	-12,0795027	0,043	0,303
CHR3	21538701	CHR3:21538701	SSF x Near_LoA	-10,8052476	0,020	0,311
CHR3	21541480	CHR3:21541480	SSF x Near_LoA	-11,4048332	0,072	0,317
CHR3	21541504	CHR3:21541504	SSF x Near_LoA	-10,2199029	0,064	0,303
CHR3	2154434	CHR3:2154434	SSF x Near_LoA	-8,55576243	0,104	0,306
CHR3	2159869	CHR3:2159869	SSF x Near_LoA	-10,4296144	0,032	0,303
CHR3	2159890	CHR3:2159890	SSF x Near_LoA	-9,76980949	0,082	0,310
CHR3	21607471	CHR3:21607471	SSF x Near_LoA	-9,15383162	0,076	0,306
CHR3	21607543	CHR3:21607543	SSF x Near_LoA	-10,616274	0,055	0,314
CHR3	21622915	CHR3:21622915	SSF x Near_LoA	-10,546211	-0,018	0,313
CHR3	21629165	CHR3:21629165	SSF x Near_LoA	-8,56483866	-0,062	0,311

CHR3	21629236	CHR3:21629236	SSF x Near_LoA	-8,61063582	-0,033	0,316
CHR3	2165515	CHR3:2165515	SSF x Near_LoA	2,05422298	0,088	0,305
CHR3	2165557	CHR3:2165557	SSF x Near_LoA	-11,065263	0,042	0,314
CHR3	2165564	CHR3:2165564	SSF x Near_LoA	-11,7388443	0,027	0,305
CHR3	2165567	CHR3:2165567	SSF x Near_LoA	-8,44059374	0,106	0,288
CHR3	2165596	CHR3:2165596	SSF x Near_LoA	-9,86466537	-0,001	0,311
CHR3	2165661	CHR3:2165661	SSF x Near_LoA	-11,6074036	0,005	0,307
CHR3	2165666	CHR3:2165666	SSF x Near_LoA	-12,0131156	-0,081	0,319
CHR3	21659534	CHR3:21659534	SSF x Near_LoA	-6,84959571	0,069	0,298
CHR3	21659608	CHR3:21659608	SSF x Near_LoA	-10,9921398	-0,046	0,309
CHR3	21659627	CHR3:21659627	SSF x Near_LoA	-11,0175373	-0,064	0,312
CHR3	21659630	CHR3:21659630	SSF x Near_LoA	-10,9135031	-0,039	0,306
CHR3	21659674	CHR3:21659674	SSF x Near_LoA	-10,7261592	-0,056	0,315
CHR3	21659677	CHR3:21659677	SSF x Near_LoA	-7,94506859	-0,031	0,314
CHR3	21659679	CHR3:21659679	SSF x Near_LoA	-9,68811311	-0,056	0,308
CHR3	21659715	CHR3:21659715	SSF x Near_LoA	-8,58299107	-0,030	0,323
CHR3	21659720	CHR3:21659720	SSF x Near_LoA	-9,45789411	0,097	0,296
CHR3	21662351	CHR3:21662351	SSF x Near_LoA	-7,66542647	0,115	0,316
CHR3	2167251	CHR3:2167251	SSF x Near_LoA	-10,0588404	0,002	0,309
CHR3	2167256	CHR3:2167256	SSF x Near_LoA	-7,35603118	-0,110	0,311
CHR3	2167373	CHR3:2167373	SSF x Near_LoA	-10,5037525	-0,050	0,310
CHR3	2167441	CHR3:2167441	SSF x Near_LoA	-10,7849562	0,006	0,312
CHR3	2167453	CHR3:2167453	SSF x Near_LoA	-9,59072226	0,033	0,318
CHR3	21712706	CHR3:21712706	SSF x Near_LoA	-8,88708867	0,004	0,320
CHR3	21763098	CHR3:21763098	SSF x Near_LoA	-9,64888322	0,016	0,298
CHR3	21768041	CHR3:21768041	SSF x Near_LoA	-3,41690408	0,057	0,306
CHR3	21768113	CHR3:21768113	SSF x Near_LoA	-7,66153365	0,105	0,312
CHR3	21768131	CHR3:21768131	SSF x Near_LoA	-8,10434596	0,089	0,315
CHR3	21768169	CHR3:21768169	SSF x Near_LoA	-8,87046574	0,066	0,301
CHR3	2180092	CHR3:2180092	SSF x Near_LoA	-10,8584915	0,042	0,311
CHR3	2180108	CHR3:2180108	SSF x Near_LoA	-9,00268441	0,105	0,296
CHR3	2180338	CHR3:2180338	SSF x Near_LoA	-7,96234863	-0,013	0,316
CHR3	2181797	CHR3:2181797	SSF x Near_LoA	-7,5831565	-0,079	0,325
CHR3	2183037	CHR3:2183037	SSF x Near_LoA	-8,48401621	-0,070	0,288
CHR3	2183068	CHR3:2183068	SSF x Near_LoA	-8,03713468	-0,013	0,327
CHR3	2183102	CHR3:2183102	SSF x Near_LoA	-6,44351932	-0,041	0,302
CHR3	2183119	CHR3:2183119	SSF x Near_LoA	-10,8111111	0,051	0,305
CHR3	2185788	CHR3:2185788	SSF x Near_LoA	-11,2339027	0,035	0,308
CHR3	2185791	CHR3:2185791	SSF x Near_LoA	-9,29671805	-0,041	0,313
CHR3	2185838	CHR3:2185838	SSF x Near_LoA	-10,0614619	0,068	0,298
CHR3	2185903	CHR3:2185903	SSF x Near_LoA	-8,60960339	0,015	0,297
CHR3	21863893	CHR3:21863893	SSF x Near_LoA	-7,44690902	-0,109	0,308
CHR3	21869445	CHR3:21869445	SSF x Near_LoA	-9,32227623	-0,071	0,303
CHR3	21892279	CHR3:21892279	SSF x Near_LoA	-10,7142625	0,081	0,302
CHR3	21892428	CHR3:21892428	SSF x Near_LoA	-9,24413573	-0,005	0,309
CHR3	21902354	CHR3:21902354	SSF x Near_LoA	-8,78074747	-0,100	0,317
CHR3	21909189	CHR3:21909189	SSF x Near_LoA	-10,1071326	-0,083	0,310
CHR3	21911948	CHR3:21911948	SSF x Near_LoA	-8,42665408	0,111	0,302
CHR3	21923312	CHR3:21923312	SSF x Near_LoA	-7,59468394	0,016	0,317
CHR3	21932316	CHR3:21932316	SSF x Near_LoA	-9,55894193	-0,010	0,303
CHR3	21932340	CHR3:21932340	SSF x Near_LoA	-11,6111237	-0,027	0,311
CHR3	21932483	CHR3:21932483	SSF x Near_LoA	-10,0725036	-0,072	0,302
CHR3	21939562	CHR3:21939562	SSF x Near_LoA	-10,6351654	-0,001	0,292

CHR3	21939631	CHR3:21939631	SSF x Near_LoA	-6,10704453	-0,144	0,293
CHR3	21939694	CHR3:21939694	SSF x Near_LoA	-7,05700307	-0,171	0,293
CHR3	21943398	CHR3:21943398	SSF x Near_LoA	-11,3712028	-0,017	0,310
CHR3	21943476	CHR3:21943476	SSF x Near_LoA	-9,8960624	0,085	0,300
CHR3	2194585	CHR3:2194585	SSF x Near_LoA	-8,24910771	0,059	0,322
CHR3	2194652	CHR3:2194652	SSF x Near_LoA	-6,65490326	0,063	0,308
CHR3	21949341	CHR3:21949341	SSF x Near_LoA	-8,63354662	-0,051	0,312
CHR3	21949454	CHR3:21949454	SSF x Near_LoA	-9,61432292	-0,067	0,302
CHR3	21949561	CHR3:21949561	SSF x Near_LoA	-1,69235604	0,021	0,312
CHR3	21956614	CHR3:21956614	SSF x Near_LoA	-5,62916789	0,025	0,319
CHR3	21956618	CHR3:21956618	SSF x Near_LoA	-9,01484219	0,036	0,300
CHR3	21956641	CHR3:21956641	SSF x Near_LoA	-8,04330034	0,027	0,315
CHR3	21956678	CHR3:21956678	SSF x Near_LoA	-11,1636696	0,020	0,308
CHR3	21956680	CHR3:21956680	SSF x Near_LoA	-9,25036304	0,031	0,300
CHR3	21956815	CHR3:21956815	SSF x Near_LoA	-8,07147225	0,019	0,324
CHR3	21958185	CHR3:21958185	SSF x Near_LoA	-10,2104151	-0,038	0,304
CHR3	21958222	CHR3:21958222	SSF x Near_LoA	-9,80660102	-0,054	0,305
CHR3	21958230	CHR3:21958230	SSF x Near_LoA	-9,08601142	-0,077	0,301
CHR3	21958253	CHR3:21958253	SSF x Near_LoA	-8,3729315	-0,071	0,302
CHR3	21958270	CHR3:21958270	SSF x Near_LoA	-9,40749655	-0,076	0,312
CHR3	21980535	CHR3:21980535	SSF x Near_LoA	-6,27725553	-0,005	0,306
CHR3	21980624	CHR3:21980624	SSF x Near_LoA	-5,16487931	0,004	0,310
CHR3	21980673	CHR3:21980673	SSF x Near_LoA	-10,27485	0,036	0,294
CHR3	21980687	CHR3:21980687	SSF x Near_LoA	-8,70410853	-0,009	0,313
CHR3	22001863	CHR3:22001863	SSF x Near_LoA	-6,49592911	-0,172	0,296
CHR3	2201902	CHR3:2201902	SSF x Near_LoA	-11,4280729	-0,060	0,303
CHR3	2201909	CHR3:2201909	SSF x Near_LoA	-8,88270515	0,069	0,309
CHR3	2202060	CHR3:2202060	SSF x Near_LoA	-10,643112	0,018	0,309
CHR3	2202063	CHR3:2202063	SSF x Near_LoA	-9,79489056	-0,070	0,294
CHR3	22028972	CHR3:22028972	SSF x Near_LoA	-7,28690652	0,031	0,288
CHR3	22029001	CHR3:22029001	SSF x Near_LoA	-11,0651636	0,062	0,293
CHR3	22032331	CHR3:22032331	SSF x Near_LoA	-9,37865695	0,068	0,296
CHR3	22041827	CHR3:22041827	SSF x Near_LoA	-10,0490075	-0,002	0,313
CHR3	22041860	CHR3:22041860	SSF x Near_LoA	-8,24781385	0,059	0,300
CHR3	22041942	CHR3:22041942	SSF x Near_LoA	-8,82946246	0,065	0,295
CHR3	22042289	CHR3:22042289	SSF x Near_LoA	-9,63531296	0,037	0,294
CHR3	22042292	CHR3:22042292	SSF x Near_LoA	-11,3217233	-0,040	0,308
CHR3	2204534	CHR3:2204534	SSF x Near_LoA	-9,10152883	0,115	0,303
CHR3	2204542	CHR3:2204542	SSF x Near_LoA	-8,21190247	0,089	0,304
CHR3	2207574	CHR3:2207574	SSF x Near_LoA	-8,77227021	-0,062	0,305
CHR3	22078004	CHR3:22078004	SSF x Near_LoA	-7,46103595	-0,160	0,301
CHR3	22078044	CHR3:22078044	SSF x Near_LoA	-8,08947977	-0,137	0,294
CHR3	22078081	CHR3:22078081	SSF x Near_LoA	-6,16850061	-0,164	0,322
CHR3	22078099	CHR3:22078099	SSF x Near_LoA	-4,92726814	-0,147	0,300
CHR3	22078102	CHR3:22078102	SSF x Near_LoA	-5,94101751	-0,152	0,302
CHR3	2208045	CHR3:2208045	SSF x Near_LoA	-7,9492498	0,045	0,314
CHR3	2208074	CHR3:2208074	SSF x Near_LoA	-9,58828759	-0,032	0,305
CHR3	2208077	CHR3:2208077	SSF x Near_LoA	-7,91141905	-0,041	0,307
CHR3	22084102	CHR3:22084102	SSF x Near_LoA	-10,8165654	-0,044	0,306
CHR3	22084114	CHR3:22084114	SSF x Near_LoA	-6,38792042	0,088	0,301
CHR3	22084280	CHR3:22084280	SSF x Near_LoA	-9,48165597	0,017	0,310
CHR3	22098736	CHR3:22098736	SSF x Near_LoA	-11,4264655	0,058	0,309
CHR3	22098756	CHR3:22098756	SSF x Near_LoA	-10,4206096	-0,086	0,299

CHR3	22098826	CHR3:22098826	SSF x Near_LoA	-5,66218331	-0,069	0,313
CHR3	22104414	CHR3:22104414	SSF x Near_LoA	-10,1675327	0,007	0,299
CHR3	22104428	CHR3:22104428	SSF x Near_LoA	-10,6283179	-0,013	0,310
CHR3	22104510	CHR3:22104510	SSF x Near_LoA	-10,4113213	0,080	0,298
CHR3	22104599	CHR3:22104599	SSF x Near_LoA	-7,21990949	0,101	0,320
CHR3	22110247	CHR3:22110247	SSF x Near_LoA	-7,9626084	-0,052	0,310
CHR3	22110278	CHR3:22110278	SSF x Near_LoA	-3,60074268	0,067	0,303
CHR3	22111975	CHR3:22111975	SSF x Near_LoA	-10,9323408	-0,038	0,308
CHR3	22112014	CHR3:22112014	SSF x Near_LoA	-11,5377071	-0,042	0,297
CHR3	22151953	CHR3:22151953	SSF x Near_LoA	-8,45420946	-0,026	0,314
CHR3	22152017	CHR3:22152017	SSF x Near_LoA	-10,7494585	0,023	0,305
CHR3	22152052	CHR3:22152052	SSF x Near_LoA	-11,2877843	0,068	0,314
CHR3	22152060	CHR3:22152060	SSF x Near_LoA	-9,56885666	0,033	0,306
CHR3	22152191	CHR3:22152191	SSF x Near_LoA	-11,0273907	-0,069	0,308
CHR3	2215244	CHR3:2215244	SSF x Near_LoA	-8,08166696	-0,053	0,301
CHR3	2215374	CHR3:2215374	SSF x Near_LoA	-8,68946753	0,078	0,303
CHR3	2215451	CHR3:2215451	SSF x Near_LoA	-7,79953703	0,031	0,303
CHR3	2215454	CHR3:2215454	SSF x Near_LoA	-8,42709145	0,170	0,308
CHR3	22164420	CHR3:22164420	SSF x Near_LoA	-7,93083112	0,176	0,303
CHR3	22165867	CHR3:22165867	SSF x Near_LoA	-10,8603101	0,118	0,297
CHR3	22165905	CHR3:22165905	SSF x Near_LoA	-8,13742038	-0,031	0,301
CHR3	22172119	CHR3:22172119	SSF x Near_LoA	-9,56516324	-0,025	0,303
CHR3	22191015	CHR3:22191015	SSF x Near_LoA	-8,48702751	-0,053	0,310
CHR3	22191050	CHR3:22191050	SSF x Near_LoA	-10,4967174	-0,098	0,295
CHR3	22193047	CHR3:22193047	SSF x Near_LoA	-7,64645257	0,096	0,300
CHR3	22193050	CHR3:22193050	SSF x Near_LoA	-7,49161383	0,064	0,299
CHR3	22195470	CHR3:22195470	SSF x Near_LoA	-10,3704772	-0,030	0,306
CHR3	22200713	CHR3:22200713	SSF x Near_LoA	-8,70987653	0,053	0,296
CHR3	22200752	CHR3:22200752	SSF x Near_LoA	-9,08542653	0,055	0,295
CHR3	22214422	CHR3:22214422	SSF x Near_LoA	-6,39785289	-0,077	0,302
CHR3	22214431	CHR3:22214431	SSF x Near_LoA	-5,23588759	-0,070	0,305
CHR3	22214599	CHR3:22214599	SSF x Near_LoA	-6,14694028	0,166	0,304
CHR3	22214626	CHR3:22214626	SSF x Near_LoA	-8,67637577	-0,036	0,313
CHR3	22232521	CHR3:22232521	SSF x Near_LoA	-8,36225773	0,115	0,303
CHR3	22232522	CHR3:22232522	SSF x Near_LoA	-6,35197814	0,126	0,309
CHR3	22232564	CHR3:22232564	SSF x Near_LoA	-7,3100228	0,104	0,298
CHR3	22232596	CHR3:22232596	SSF x Near_LoA	-7,78370252	-0,131	0,301
CHR3	22232635	CHR3:22232635	SSF x Near_LoA	-9,90470645	0,002	0,311
CHR3	22232639	CHR3:22232639	SSF x Near_LoA	-9,77201035	-0,018	0,319
CHR3	22233828	CHR3:22233828	SSF x Near_LoA	-4,96844141	-0,140	0,293
CHR3	22233835	CHR3:22233835	SSF x Near_LoA	-7,17896555	-0,136	0,299
CHR3	22240390	CHR3:22240390	SSF x Near_LoA	-9,02089729	-0,052	0,310
CHR3	22240426	CHR3:22240426	SSF x Near_LoA	-8,57913945	-0,044	0,308
CHR3	22240427	CHR3:22240427	SSF x Near_LoA	-8,23471226	-0,032	0,318
CHR3	22240434	CHR3:22240434	SSF x Near_LoA	-7,13277391	0,052	0,317
CHR3	22240489	CHR3:22240489	SSF x Near_LoA	-8,84372478	-0,061	0,329
CHR3	22240527	CHR3:22240527	SSF x Near_LoA	-10,6960288	-0,073	0,297
CHR3	22240539	CHR3:22240539	SSF x Near_LoA	-9,20822756	0,190	0,295
CHR3	22240580	CHR3:22240580	SSF x Near_LoA	-7,93696974	0,003	0,317
CHR3	22240581	CHR3:22240581	SSF x Near_LoA	-8,99095316	0,032	0,328
CHR3	22250499	CHR3:22250499	SSF x Near_LoA	-9,76465959	0,042	0,310
CHR3	22250728	CHR3:22250728	SSF x Near_LoA	-10,4070631	0,035	0,308
CHR3	22253648	CHR3:22253648	SSF x Near_LoA	-8,27374083	-0,012	0,285

CHR3	22253832	CHR3:22253832	SSF x Near_LoA	-7,18324271	0,093	0,305
CHR3	22253885	CHR3:22253885	SSF x Near_LoA	-10,7138428	-0,041	0,308
CHR3	22258601	CHR3:22258601	SSF x Near_LoA	-10,4912302	-0,075	0,304
CHR3	22258632	CHR3:22258632	SSF x Near_LoA	-10,9276558	0,023	0,322
CHR3	22258652	CHR3:22258652	SSF x Near_LoA	-10,0964163	-0,070	0,321
CHR3	22262867	CHR3:22262867	SSF x Near_LoA	-8,68978009	-0,010	0,310
CHR3	22270511	CHR3:22270511	SSF x Near_LoA	-8,69784599	0,079	0,303
CHR3	22279481	CHR3:22279481	SSF x Near_LoA	-9,87255399	-0,007	0,307
CHR3	22279572	CHR3:22279572	SSF x Near_LoA	-10,3611848	-0,008	0,315
CHR3	22279651	CHR3:22279651	SSF x Near_LoA	-8,15844855	0,080	0,303
CHR3	22279662	CHR3:22279662	SSF x Near_LoA	-11,4951014	0,004	0,298
CHR3	22284597	CHR3:22284597	SSF x Near_LoA	-11,2253162	0,062	0,304
CHR3	22289483	CHR3:22289483	SSF x Near_LoA	-11,5830998	-0,027	0,296
CHR3	22289556	CHR3:22289556	SSF x Near_LoA	-9,38355277	0,012	0,295
CHR3	22289559	CHR3:22289559	SSF x Near_LoA	-10,4179681	0,024	0,313
CHR3	22302150	CHR3:22302150	SSF x Near_LoA	-8,84498225	-0,018	0,308
CHR3	22302155	CHR3:22302155	SSF x Near_LoA	-8,19131513	-0,015	0,313
CHR3	22302167	CHR3:22302167	SSF x Near_LoA	-8,32626086	-0,103	0,312
CHR3	22302184	CHR3:22302184	SSF x Near_LoA	-7,9802764	0,007	0,319
CHR3	22302185	CHR3:22302185	SSF x Near_LoA	-9,38908829	0,027	0,315
CHR3	22302219	CHR3:22302219	SSF x Near_LoA	-11,1462084	0,058	0,297
CHR3	22324110	CHR3:22324110	SSF x Near_LoA	-7,89470644	-0,091	0,306
CHR3	22324244	CHR3:22324244	SSF x Near_LoA	-8,7088471	-0,069	0,305
CHR3	22327020	CHR3:22327020	SSF x Near_LoA	-8,85792411	0,040	0,309
CHR3	22327038	CHR3:22327038	SSF x Near_LoA	-9,11152044	0,085	0,300
CHR3	22327083	CHR3:22327083	SSF x Near_LoA	-10,0129768	-0,064	0,299
CHR3	22327093	CHR3:22327093	SSF x Near_LoA	-9,98067398	0,000	0,298
CHR3	22327111	CHR3:22327111	SSF x Near_LoA	-10,1769793	0,108	0,307
CHR3	22327113	CHR3:22327113	SSF x Near_LoA	-11,1116815	0,016	0,314
CHR3	22327134	CHR3:22327134	SSF x Near_LoA	-9,7869682	-0,016	0,310
CHR3	22327196	CHR3:22327196	SSF x Near_LoA	-8,31375124	-0,131	0,303
CHR3	22327255	CHR3:22327255	SSF x Near_LoA	-11,4477558	-0,059	0,302
CHR3	22333587	CHR3:22333587	SSF x Near_LoA	-11,147437	0,037	0,320
CHR3	22335574	CHR3:22335574	SSF x Near_LoA	-10,4715531	-0,002	0,316
CHR3	22337429	CHR3:22337429	SSF x Near_LoA	-11,9820726	-0,013	0,301
CHR3	22339653	CHR3:22339653	SSF x Near_LoA	-10,4638116	0,128	0,303
CHR3	22339684	CHR3:22339684	SSF x Near_LoA	-10,632178	-0,065	0,321
CHR3	22342455	CHR3:22342455	SSF x Near_LoA	-8,22851196	-0,153	0,290
CHR3	22342527	CHR3:22342527	SSF x Near_LoA	-8,46591843	0,087	0,301
CHR3	22343503	CHR3:22343503	SSF x Near_LoA	-8,89714189	-0,027	0,314
CHR3	22343702	CHR3:22343702	SSF x Near_LoA	-10,3376633	0,072	0,312
CHR3	22343751	CHR3:22343751	SSF x Near_LoA	-6,94148838	-0,084	0,309
CHR3	22364426	CHR3:22364426	SSF x Near_LoA	-11,0712409	0,100	0,306
CHR3	22385067	CHR3:22385067	SSF x Near_LoA	-9,31106398	-0,015	0,295
CHR3	22385147	CHR3:22385147	SSF x Near_LoA	-10,5138805	-0,031	0,312
CHR3	22385161	CHR3:22385161	SSF x Near_LoA	-8,2853895	0,083	0,314
CHR3	22388801	CHR3:22388801	SSF x Near_LoA	-8,78878841	-0,001	0,298
CHR3	22389294	CHR3:22389294	SSF x Near_LoA	-9,66480518	-0,042	0,278
CHR3	22389314	CHR3:22389314	SSF x Near_LoA	-8,92025613	0,117	0,295
CHR3	22389383	CHR3:22389383	SSF x Near_LoA	-8,72045735	-0,047	0,311
CHR3	22389392	CHR3:22389392	SSF x Near_LoA	-9,63442204	-0,032	0,316
CHR3	22399086	CHR3:22399086	SSF x Near_LoA	-10,1223554	-0,003	0,303
CHR3	22399286	CHR3:22399286	SSF x Near_LoA	-9,09181988	-0,078	0,299

CHR3	22404192	CHR3:22404192	SSF x Near_LoA	-8,34568297	-0,007	0,308
CHR3	22404257	CHR3:22404257	SSF x Near_LoA	-9,47900538	0,012	0,306
CHR3	22406951	CHR3:22406951	SSF x Near_LoA	-6,40752722	-0,018	0,316
CHR3	22407266	CHR3:22407266	SSF x Near_LoA	-7,25999902	-0,048	0,313
CHR3	22407331	CHR3:22407331	SSF x Near_LoA	-4,58330152	-0,063	0,305
CHR3	22407345	CHR3:22407345	SSF x Near_LoA	-7,4338299	-0,055	0,299
CHR3	22407382	CHR3:22407382	SSF x Near_LoA	-8,88941896	-0,067	0,302
CHR3	22412121	CHR3:22412121	SSF x Near_LoA	-9,28870465	-0,025	0,308
CHR3	22412136	CHR3:22412136	SSF x Near_LoA	-5,46558389	0,089	0,306
CHR3	22412145	CHR3:22412145	SSF x Near_LoA	-10,6881342	-0,023	0,294
CHR3	22412146	CHR3:22412146	SSF x Near_LoA	-8,12407488	-0,031	0,300
CHR3	22412175	CHR3:22412175	SSF x Near_LoA	-10,7313899	-0,007	0,304
CHR3	22412177	CHR3:22412177	SSF x Near_LoA	-9,99991157	-0,026	0,296
CHR3	22412273	CHR3:22412273	SSF x Near_LoA	-8,22743508	0,092	0,296
CHR3	224191	CHR3:224191	SSF x Near_LoA	-10,9717887	-0,029	0,301
CHR3	224196	CHR3:224196	SSF x Near_LoA	-8,20859997	0,043	0,311
CHR3	22420268	CHR3:22420268	SSF x Near_LoA	-9,82015642	-0,011	0,318
CHR3	22420350	CHR3:22420350	SSF x Near_LoA	-8,92896848	-0,004	0,308
CHR3	22420382	CHR3:22420382	SSF x Near_LoA	-8,35399613	-0,036	0,304
CHR3	22420407	CHR3:22420407	SSF x Near_LoA	-7,8918421	0,008	0,298
CHR3	22422384	CHR3:22422384	SSF x Near_LoA	-10,1889848	-0,013	0,308
CHR3	22422782	CHR3:22422782	SSF x Near_LoA	-9,03614869	-0,089	0,298
CHR3	2242613	CHR3:2242613	SSF x Near_LoA	-5,85955511	0,021	0,314
CHR3	22428397	CHR3:22428397	SSF x Near_LoA	-12,0605862	-0,031	0,298
CHR3	22428505	CHR3:22428505	SSF x Near_LoA	-10,06519	-0,151	0,297
CHR3	22431704	CHR3:22431704	SSF x Near_LoA	-10,7100454	-0,030	0,301
CHR3	22431764	CHR3:22431764	SSF x Near_LoA	-11,9897648	0,063	0,295
CHR3	22431814	CHR3:22431814	SSF x Near_LoA	-7,23768339	-0,073	0,313
CHR3	22435913	CHR3:22435913	SSF x Near_LoA	-7,70275533	0,124	0,302
CHR3	22436122	CHR3:22436122	SSF x Near_LoA	-10,5082761	0,068	0,301
CHR3	22444707	CHR3:22444707	SSF x Near_LoA	-8,04265934	0,083	0,324
CHR3	22444821	CHR3:22444821	SSF x Near_LoA	-8,77409166	-0,069	0,296
CHR3	224488	CHR3:224488	SSF x Near_LoA	-9,27968738	0,054	0,293
CHR3	22456070	CHR3:22456070	SSF x Near_LoA	-9,84861975	-0,041	0,314
CHR3	22456104	CHR3:22456104	SSF x Near_LoA	-5,1518769	0,094	0,314
CHR3	22456116	CHR3:22456116	SSF x Near_LoA	-5,87823367	-0,107	0,309
CHR3	22456156	CHR3:22456156	SSF x Near_LoA	-6,95867349	-0,100	0,315
CHR3	22456178	CHR3:22456178	SSF x Near_LoA	-8,90470147	-0,092	0,306
CHR3	22457877	CHR3:22457877	SSF x Near_LoA	-8,80503463	0,069	0,318
CHR3	22457935	CHR3:22457935	SSF x Near_LoA	-11,2573171	0,086	0,290
CHR3	22457968	CHR3:22457968	SSF x Near_LoA	-9,20065038	-0,015	0,313
CHR3	22462073	CHR3:22462073	SSF x Near_LoA	-8,08730753	0,034	0,322
CHR3	22485343	CHR3:22485343	SSF x Near_LoA	-8,15376991	0,142	0,295
CHR3	22485371	CHR3:22485371	SSF x Near_LoA	-10,6360602	-0,081	0,308
CHR3	22485453	CHR3:22485453	SSF x Near_LoA	-9,42511981	-0,056	0,300
CHR3	22485474	CHR3:22485474	SSF x Near_LoA	-8,81354585	-0,011	0,314
CHR3	22485486	CHR3:22485486	SSF x Near_LoA	-8,19806093	-0,031	0,318
CHR3	22485501	CHR3:22485501	SSF x Near_LoA	-7,78025395	-0,076	0,316
CHR3	22498122	CHR3:22498122	SSF x Near_LoA	-8,27712397	-0,137	0,307
CHR3	22516172	CHR3:22516172	SSF x Near_LoA	-8,75093398	0,115	0,309
CHR3	22529006	CHR3:22529006	SSF x Near_LoA	-9,16111267	-0,077	0,308
CHR3	22529035	CHR3:22529035	SSF x Near_LoA	-10,7162052	0,021	0,307
CHR3	22529061	CHR3:22529061	SSF x Near_LoA	-8,27226049	-0,058	0,298

CHR3	22529149	CHR3:22529149	SSF x Near_LoA	-9,54586645	-0,056	0,305
CHR3	22529150	CHR3:22529150	SSF x Near_LoA	-9,53184813	-0,037	0,315
CHR3	22529154	CHR3:22529154	SSF x Near_LoA	-9,31021758	-0,018	0,317
CHR3	22537180	CHR3:22537180	SSF x Near_LoA	-9,11727881	0,089	0,299
CHR3	22539453	CHR3:22539453	SSF x Near_LoA	-9,42295375	-0,110	0,311
CHR3	22539465	CHR3:22539465	SSF x Near_LoA	-11,5764957	-0,046	0,303
CHR3	22539478	CHR3:22539478	SSF x Near_LoA	-9,97354852	-0,045	0,298
CHR3	22539513	CHR3:22539513	SSF x Near_LoA	-9,15576888	-0,052	0,314
CHR3	22539534	CHR3:22539534	SSF x Near_LoA	-8,1754697	0,054	0,322
CHR3	22539589	CHR3:22539589	SSF x Near_LoA	-3,91774549	-0,126	0,319
CHR3	22539667	CHR3:22539667	SSF x Near_LoA	-9,85857838	0,016	0,307
CHR3	22539682	CHR3:22539682	SSF x Near_LoA	-10,2031431	-0,023	0,301
CHR3	22545175	CHR3:22545175	SSF x Near_LoA	-10,5747146	0,078	0,303
CHR3	22545187	CHR3:22545187	SSF x Near_LoA	-8,64628617	0,027	0,313
CHR3	2255619	CHR3:2255619	SSF x Near_LoA	-9,26275565	0,089	0,315
CHR3	22569110	CHR3:22569110	SSF x Near_LoA	-9,80102776	0,022	0,313
CHR3	22569211	CHR3:22569211	SSF x Near_LoA	-10,513675	-0,060	0,309
CHR3	22569240	CHR3:22569240	SSF x Near_LoA	-11,5463079	-0,060	0,304
CHR3	22569317	CHR3:22569317	SSF x Near_LoA	-3,7838887	0,030	0,305
CHR3	22569320	CHR3:22569320	SSF x Near_LoA	-8,49177898	-0,098	0,313
CHR3	225821	CHR3:225821	SSF x Near_LoA	-1,14708816	-0,077	0,316
CHR3	22593121	CHR3:22593121	SSF x Near_LoA	-7,39586969	-0,139	0,306
CHR3	22593325	CHR3:22593325	SSF x Near_LoA	-8,37952009	0,063	0,315
CHR3	22597358	CHR3:22597358	SSF x Near_LoA	-8,0667874	-0,194	0,290
CHR3	22597373	CHR3:22597373	SSF x Near_LoA	-8,90088329	0,121	0,312
CHR3	22597419	CHR3:22597419	SSF x Near_LoA	-10,1597239	0,099	0,298
CHR3	22597489	CHR3:22597489	SSF x Near_LoA	-9,32592669	0,043	0,309
CHR3	22604852	CHR3:22604852	SSF x Near_LoA	-9,88283626	0,067	0,305
CHR3	22604926	CHR3:22604926	SSF x Near_LoA	-9,3846714	-0,099	0,306
CHR3	22631334	CHR3:22631334	SSF x Near_LoA	-9,4884474	0,079	0,312
CHR3	22631352	CHR3:22631352	SSF x Near_LoA	-10,1536277	-0,047	0,313
CHR3	22638995	CHR3:22638995	SSF x Near_LoA	-8,55534833	0,088	0,302
CHR3	22639082	CHR3:22639082	SSF x Near_LoA	-10,826985	0,106	0,300
CHR3	22641459	CHR3:22641459	SSF x Near_LoA	-7,89496795	0,063	0,322
CHR3	22641622	CHR3:22641622	SSF x Near_LoA	-7,29760825	-0,017	0,309
CHR3	22641625	CHR3:22641625	SSF x Near_LoA	-4,40990572	0,173	0,294
CHR3	22642709	CHR3:22642709	SSF x Near_LoA	-9,60226939	-0,096	0,307
CHR3	22642734	CHR3:22642734	SSF x Near_LoA	0,27604178	-0,171	0,295
CHR3	22642755	CHR3:22642755	SSF x Near_LoA	-7,34993527	0,103	0,305
CHR3	22642775	CHR3:22642775	SSF x Near_LoA	-8,06786961	0,081	0,321
CHR3	22642816	CHR3:22642816	SSF x Near_LoA	-8,8819165	0,077	0,314
CHR3	22642817	CHR3:22642817	SSF x Near_LoA	-5,51536446	0,096	0,308
CHR3	2265045	CHR3:2265045	SSF x Near_LoA	-5,93265188	-0,097	0,302
CHR3	2265046	CHR3:2265046	SSF x Near_LoA	-8,8971703	-0,085	0,312
CHR3	22651813	CHR3:22651813	SSF x Near_LoA	-9,08663083	-0,024	0,304
CHR3	22651894	CHR3:22651894	SSF x Near_LoA	-8,87154368	0,018	0,306
CHR3	22651962	CHR3:22651962	SSF x Near_LoA	-9,3382952	-0,024	0,301
CHR3	22652026	CHR3:22652026	SSF x Near_LoA	-9,09157988	-0,069	0,302
CHR3	22662357	CHR3:22662357	SSF x Near_LoA	-9,11639792	0,098	0,298
CHR3	22671430	CHR3:22671430	SSF x Near_LoA	-7,26743962	-0,083	0,313
CHR3	2267325	CHR3:2267325	SSF x Near_LoA	-7,71918536	-0,111	0,292
CHR3	22678811	CHR3:22678811	SSF x Near_LoA	-9,95715912	-0,092	0,287
CHR3	22686266	CHR3:22686266	SSF x Near_LoA	-6,23236993	0,207	0,289

CHR3	22686450	CHR3:22686450	SSF x Near_LoA	-7,83878839	-0,120	0,317
CHR3	22688415	CHR3:22688415	SSF x Near_LoA	-8,92239432	0,013	0,317
CHR3	22688439	CHR3:22688439	SSF x Near_LoA	-9,18576288	0,023	0,305
CHR3	22692293	CHR3:22692293	SSF x Near_LoA	-7,7353664	-0,060	0,304
CHR3	22697469	CHR3:22697469	SSF x Near_LoA	-8,26219426	-0,120	0,295
CHR3	22697498	CHR3:22697498	SSF x Near_LoA	-7,17432618	-0,027	0,304
CHR3	22701371	CHR3:22701371	SSF x Near_LoA	-8,87860636	-0,073	0,321
CHR3	22701372	CHR3:22701372	SSF x Near_LoA	-11,0282189	-0,022	0,312
CHR3	22701415	CHR3:22701415	SSF x Near_LoA	-9,18447438	-0,055	0,324
CHR3	22741530	CHR3:22741530	SSF x Near_LoA	-9,32123435	0,072	0,294
CHR3	22742619	CHR3:22742619	SSF x Near_LoA	-8,38393156	0,123	0,309
CHR3	22749143	CHR3:22749143	SSF x Near_LoA	-5,08360086	0,040	0,321
CHR3	22773270	CHR3:22773270	SSF x Near_LoA	-7,51288087	0,051	0,299
CHR3	22773320	CHR3:22773320	SSF x Near_LoA	-1,5474537	0,103	0,282
CHR3	22773461	CHR3:22773461	SSF x Near_LoA	-11,8165057	0,011	0,299
CHR3	22773513	CHR3:22773513	SSF x Near_LoA	-8,90217141	-0,083	0,310
CHR3	22773531	CHR3:22773531	SSF x Near_LoA	-11,8346857	-0,042	0,312
CHR3	22773534	CHR3:22773534	SSF x Near_LoA	-7,28009126	-0,082	0,304
CHR3	22773535	CHR3:22773535	SSF x Near_LoA	-8,47083364	-0,060	0,312
CHR3	22777755	CHR3:22777755	SSF x Near_LoA	-9,15547045	0,002	0,309
CHR3	22777815	CHR3:22777815	SSF x Near_LoA	-4,04727606	0,054	0,300
CHR3	22786667	CHR3:22786667	SSF x Near_LoA	-2,3043239	-0,086	0,301
CHR3	22786736	CHR3:22786736	SSF x Near_LoA	-3,75370684	-0,062	0,307
CHR3	22787709	CHR3:22787709	SSF x Near_LoA	-9,13241695	0,056	0,307
CHR3	22787715	CHR3:22787715	SSF x Near_LoA	-11,3484576	-0,030	0,307
CHR3	22787736	CHR3:22787736	SSF x Near_LoA	-11,6016337	0,098	0,303
CHR3	22796146	CHR3:22796146	SSF x Near_LoA	-11,2039229	0,094	0,301
CHR3	22796316	CHR3:22796316	SSF x Near_LoA	-11,6799922	0,015	0,310
CHR3	22798267	CHR3:22798267	SSF x Near_LoA	-9,60635828	-0,026	0,306
CHR3	2280931	CHR3:2280931	SSF x Near_LoA	-8,117506	0,101	0,302
CHR3	2280960	CHR3:2280960	SSF x Near_LoA	-7,23498847	-0,103	0,307
CHR3	2281031	CHR3:2281031	SSF x Near_LoA	-8,98777578	-0,016	0,318
CHR3	2281037	CHR3:2281037	SSF x Near_LoA	-5,43245912	0,148	0,305
CHR3	2281090	CHR3:2281090	SSF x Near_LoA	-7,9846226	-0,072	0,312
CHR3	2281111	CHR3:2281111	SSF x Near_LoA	5,4681708	-0,086	0,309
CHR3	2281150	CHR3:2281150	SSF x Near_LoA	-8,45983598	-0,086	0,310
CHR3	2281162	CHR3:2281162	SSF x Near_LoA	-11,1844469	-0,035	0,309
CHR3	2281200	CHR3:2281200	SSF x Near_LoA	-9,20492955	0,026	0,326
CHR3	22812796	CHR3:22812796	SSF x Near_LoA	-8,01664874	0,012	0,314
CHR3	22818035	CHR3:22818035	SSF x Near_LoA	-8,45861985	0,006	0,313
CHR3	22818079	CHR3:22818079	SSF x Near_LoA	-12,4228459	0,027	0,288
CHR3	22818113	CHR3:22818113	SSF x Near_LoA	-9,27612345	-0,061	0,312
CHR3	22819288	CHR3:22819288	SSF x Near_LoA	-11,6462393	-0,028	0,305
CHR3	22819353	CHR3:22819353	SSF x Near_LoA	-10,8611863	-0,066	0,293
CHR3	22825684	CHR3:22825684	SSF x Near_LoA	-9,38893273	-0,082	0,299
CHR3	22825695	CHR3:22825695	SSF x Near_LoA	-9,46643528	-0,048	0,304
CHR3	22835773	CHR3:22835773	SSF x Near_LoA	-8,19570295	-0,131	0,308
CHR3	22835915	CHR3:22835915	SSF x Near_LoA	-11,1597891	0,062	0,314
CHR3	22838731	CHR3:22838731	SSF x Near_LoA	-10,7923024	0,014	0,308
CHR3	22853810	CHR3:22853810	SSF x Near_LoA	-11,3932237	-0,002	0,293
CHR3	22853823	CHR3:22853823	SSF x Near_LoA	-6,89001115	-0,107	0,311
CHR3	22853826	CHR3:22853826	SSF x Near_LoA	-7,97300083	0,021	0,313
CHR3	22853845	CHR3:22853845	SSF x Near_LoA	-6,11261589	0,043	0,318

CHR3	22853853	CHR3:22853853	SSF x Near_LoA	-8,01700841	0,050	0,317
CHR3	22853904	CHR3:22853904	SSF x Near_LoA	-8,0700659	0,034	0,294
CHR3	22853948	CHR3:22853948	SSF x Near_LoA	-7,30836453	0,057	0,312
CHR3	22853967	CHR3:22853967	SSF x Near_LoA	-6,99150829	-0,036	0,302
CHR3	22853984	CHR3:22853984	SSF x Near_LoA	-11,4313569	-0,025	0,300
CHR3	22853985	CHR3:22853985	SSF x Near_LoA	-10,3660255	-0,014	0,293
CHR3	22854012	CHR3:22854012	SSF x Near_LoA	-10,2957853	-0,001	0,308
CHR3	22854013	CHR3:22854013	SSF x Near_LoA	-10,2098959	-0,053	0,307
CHR3	22863887	CHR3:22863887	SSF x Near_LoA	-8,59977711	0,005	0,300
CHR3	22872480	CHR3:22872480	SSF x Near_LoA	-11,4147772	-0,051	0,301
CHR3	22872739	CHR3:22872739	SSF x Near_LoA	-8,6909261	0,024	0,300
CHR3	2288951	CHR3:2288951	SSF x Near_LoA	-9,56166741	-0,084	0,312
CHR3	2288965	CHR3:2288965	SSF x Near_LoA	-8,49772805	0,001	0,316
CHR3	2288971	CHR3:2288971	SSF x Near_LoA	-6,84565722	0,029	0,307
CHR3	2288993	CHR3:2288993	SSF x Near_LoA	-8,56215503	0,033	0,306
CHR3	2288995	CHR3:2288995	SSF x Near_LoA	-6,30971621	0,013	0,309
CHR3	2289060	CHR3:2289060	SSF x Near_LoA	-11,3097653	-0,020	0,279
CHR3	2289068	CHR3:2289068	SSF x Near_LoA	-9,14117687	0,025	0,315
CHR3	2289076	CHR3:2289076	SSF x Near_LoA	-9,4476086	0,020	0,311
CHR3	22900253	CHR3:22900253	SSF x Near_LoA	-9,44553862	-0,113	0,302
CHR3	22900257	CHR3:22900257	SSF x Near_LoA	-10,7982338	0,025	0,319
CHR3	22900262	CHR3:22900262	SSF x Near_LoA	-4,6924276	-0,203	0,288
CHR3	22900263	CHR3:22900263	SSF x Near_LoA	-4,66067171	-0,177	0,290
CHR3	22900400	CHR3:22900400	SSF x Near_LoA	-10,3130363	0,139	0,306
CHR3	22900424	CHR3:22900424	SSF x Near_LoA	-8,18181549	0,094	0,296
CHR3	22900434	CHR3:22900434	SSF x Near_LoA	-8,37336674	-0,122	0,308
CHR3	22900442	CHR3:22900442	SSF x Near_LoA	-5,77176991	0,133	0,295
CHR3	22900451	CHR3:22900451	SSF x Near_LoA	-7,9908571	-0,126	0,299
CHR3	22900455	CHR3:22900455	SSF x Near_LoA	-7,88569746	-0,136	0,299
CHR3	22900487	CHR3:22900487	SSF x Near_LoA	-8,80825833	-0,133	0,304
CHR3	22900501	CHR3:22900501	SSF x Near_LoA	-8,49464522	-0,098	0,301
CHR3	22900507	CHR3:22900507	SSF x Near_LoA	-9,89204966	-0,021	0,312
CHR3	22906593	CHR3:22906593	SSF x Near_LoA	-8,68127727	0,076	0,307
CHR3	22906700	CHR3:22906700	SSF x Near_LoA	-10,5372075	0,034	0,303
CHR3	229139	CHR3:229139	SSF x Near_LoA	-8,49702602	-0,052	0,297
CHR3	22916407	CHR3:22916407	SSF x Near_LoA	-8,19746981	0,030	0,319
CHR3	22916448	CHR3:22916448	SSF x Near_LoA	-3,41382045	-0,084	0,297
CHR3	22916501	CHR3:22916501	SSF x Near_LoA	-7,4909169	0,172	0,295
CHR3	22916516	CHR3:22916516	SSF x Near_LoA	-7,0357907	-0,094	0,306
CHR3	22918053	CHR3:22918053	SSF x Near_LoA	-9,17683858	0,053	0,308
CHR3	22921146	CHR3:22921146	SSF x Near_LoA	-9,77373947	0,064	0,312
CHR3	22921148	CHR3:22921148	SSF x Near_LoA	-11,9623732	0,046	0,312
CHR3	22921169	CHR3:22921169	SSF x Near_LoA	-8,53208308	0,057	0,307
CHR3	22921175	CHR3:22921175	SSF x Near_LoA	-2,2017461	-0,031	0,322
CHR3	22921178	CHR3:22921178	SSF x Near_LoA	-10,4796532	0,009	0,307
CHR3	22921181	CHR3:22921181	SSF x Near_LoA	-10,5760388	0,029	0,310
CHR3	22921190	CHR3:22921190	SSF x Near_LoA	-8,19368756	0,064	0,317
CHR3	22921199	CHR3:22921199	SSF x Near_LoA	-10,563083	0,012	0,317
CHR3	22921245	CHR3:22921245	SSF x Near_LoA	-8,35369267	-0,013	0,306
CHR3	22921247	CHR3:22921247	SSF x Near_LoA	-11,8586528	-0,053	0,285
CHR3	22921300	CHR3:22921300	SSF x Near_LoA	-10,2968367	0,068	0,299
CHR3	22921325	CHR3:22921325	SSF x Near_LoA	-7,5684699	-0,020	0,301
CHR3	22921336	CHR3:22921336	SSF x Near_LoA	-9,55235679	0,003	0,317

CHR3	22935534	CHR3:22935534	SSF x Near_LoA	-11,5627621	-0,024	0,303
CHR3	2293858	CHR3:2293858	SSF x Near_LoA	-7,80724798	0,118	0,302
CHR3	2294018	CHR3:2294018	SSF x Near_LoA	-11,7952176	-0,031	0,318
CHR3	2294021	CHR3:2294021	SSF x Near_LoA	-11,7513698	-0,038	0,321
CHR3	2294031	CHR3:2294031	SSF x Near_LoA	-10,0175506	-0,105	0,305
CHR3	2294070	CHR3:2294070	SSF x Near_LoA	-8,81648334	-0,008	0,318
CHR3	2294074	CHR3:2294074	SSF x Near_LoA	-10,0758885	-0,039	0,321
CHR3	2294113	CHR3:2294113	SSF x Near_LoA	-9,30788739	0,074	0,308
CHR3	22949822	CHR3:22949822	SSF x Near_LoA	-9,40724403	0,028	0,304
CHR3	22949908	CHR3:22949908	SSF x Near_LoA	-8,75349138	-0,100	0,303
CHR3	22949938	CHR3:22949938	SSF x Near_LoA	-9,34851886	-0,010	0,303
CHR3	22949954	CHR3:22949954	SSF x Near_LoA	-9,18986228	0,052	0,299
CHR3	22954228	CHR3:22954228	SSF x Near_LoA	-3,82438556	0,086	0,306
CHR3	22954333	CHR3:22954333	SSF x Near_LoA	-4,18276123	-0,103	0,314
CHR3	22957479	CHR3:22957479	SSF x Near_LoA	-10,8040992	-0,006	0,310
CHR3	22957545	CHR3:22957545	SSF x Near_LoA	-10,1039479	-0,072	0,313
CHR3	22957569	CHR3:22957569	SSF x Near_LoA	-8,27832678	0,059	0,299
CHR3	22957609	CHR3:22957609	SSF x Near_LoA	-10,5658293	-0,021	0,300
CHR3	22957643	CHR3:22957643	SSF x Near_LoA	-7,05030843	0,087	0,320
CHR3	22961484	CHR3:22961484	SSF x Near_LoA	-7,83192616	-0,063	0,312
CHR3	22962277	CHR3:22962277	SSF x Near_LoA	-10,2946201	0,024	0,306
CHR3	22962291	CHR3:22962291	SSF x Near_LoA	-7,94864186	0,095	0,324
CHR3	22962310	CHR3:22962310	SSF x Near_LoA	-8,85458314	0,068	0,304
CHR3	22962316	CHR3:22962316	SSF x Near_LoA	-9,37464842	0,042	0,309
CHR3	22962319	CHR3:22962319	SSF x Near_LoA	-8,79126885	0,095	0,298
CHR3	22966634	CHR3:22966634	SSF x Near_LoA	-10,9509319	-0,027	0,304
CHR3	22966650	CHR3:22966650	SSF x Near_LoA	-10,2380853	-0,045	0,308
CHR3	22966654	CHR3:22966654	SSF x Near_LoA	-9,61558565	-0,025	0,306
CHR3	22966686	CHR3:22966686	SSF x Near_LoA	-9,50933209	-0,013	0,305
CHR3	22980093	CHR3:22980093	SSF x Near_LoA	-9,98131833	0,053	0,294
CHR3	22981755	CHR3:22981755	SSF x Near_LoA	-11,7427051	0,068	0,307
CHR3	22981836	CHR3:22981836	SSF x Near_LoA	-9,51319191	-0,001	0,302
CHR3	22981930	CHR3:22981930	SSF x Near_LoA	-11,8367778	0,009	0,306
CHR3	22987772	CHR3:22987772	SSF x Near_LoA	-8,31314004	0,053	0,320
CHR3	22989174	CHR3:22989174	SSF x Near_LoA	-7,6424994	-0,024	0,310
CHR3	22989206	CHR3:22989206	SSF x Near_LoA	-9,45739979	0,080	0,302
CHR3	22989278	CHR3:22989278	SSF x Near_LoA	-8,69668196	0,036	0,309
CHR3	23002159	CHR3:23002159	SSF x Near_LoA	-7,62123899	-0,073	0,317
CHR3	23006002	CHR3:23006002	SSF x Near_LoA	-10,1231424	0,031	0,310
CHR3	23006022	CHR3:23006022	SSF x Near_LoA	-10,6222251	0,012	0,299
CHR3	23006026	CHR3:23006026	SSF x Near_LoA	-7,90490306	-0,141	0,306
CHR3	23006139	CHR3:23006139	SSF x Near_LoA	-9,10923447	0,023	0,326
CHR3	23006146	CHR3:23006146	SSF x Near_LoA	-10,0084619	-0,047	0,302
CHR3	23006180	CHR3:23006180	SSF x Near_LoA	-11,2674623	-0,072	0,288
CHR3	23007895	CHR3:23007895	SSF x Near_LoA	-10,778896	-0,044	0,318
CHR3	23007948	CHR3:23007948	SSF x Near_LoA	-10,2257691	-0,031	0,315
CHR3	23009777	CHR3:23009777	SSF x Near_LoA	-10,2155273	-0,087	0,291
CHR3	23015002	CHR3:23015002	SSF x Near_LoA	-9,35647037	-0,060	0,314
CHR3	23015059	CHR3:23015059	SSF x Near_LoA	-10,2098745	0,036	0,323
CHR3	23015090	CHR3:23015090	SSF x Near_LoA	-3,39285081	0,009	0,320
CHR3	23015099	CHR3:23015099	SSF x Near_LoA	-7,9932082	0,028	0,313
CHR3	23015100	CHR3:23015100	SSF x Near_LoA	-10,0288728	-0,051	0,301
CHR3	23015131	CHR3:23015131	SSF x Near_LoA	-9,86375707	-0,066	0,301

CHR3	23015177	CHR3:23015177	SSF x Near_LoA	-9,0720358	0,000	0,305
CHR3	23015204	CHR3:23015204	SSF x Near_LoA	-11,3195118	0,022	0,325
CHR3	23016429	CHR3:23016429	SSF x Near_LoA	-8,67960658	-0,066	0,305
CHR3	2301823	CHR3:2301823	SSF x Near_LoA	-10,2127967	0,033	0,309
CHR3	23023382	CHR3:23023382	SSF x Near_LoA	-7,65874393	0,159	0,298
CHR3	23023396	CHR3:23023396	SSF x Near_LoA	-5,86793823	0,164	0,313
CHR3	23023406	CHR3:23023406	SSF x Near_LoA	-0,8378976	0,183	0,306
CHR3	23023448	CHR3:23023448	SSF x Near_LoA	-7,10013453	0,116	0,301
CHR3	23023464	CHR3:23023464	SSF x Near_LoA	-7,96332876	0,117	0,317
CHR3	23023565	CHR3:23023565	SSF x Near_LoA	-0,60302173	0,036	0,315
CHR3	23023577	CHR3:23023577	SSF x Near_LoA	-7,80841437	0,151	0,295
CHR3	23023586	CHR3:23023586	SSF x Near_LoA	-10,7744789	0,028	0,300
CHR3	23044302	CHR3:23044302	SSF x Near_LoA	-8,24556658	0,097	0,299
CHR3	23044322	CHR3:23044322	SSF x Near_LoA	-7,00085159	-0,142	0,325
CHR3	23044358	CHR3:23044358	SSF x Near_LoA	-9,01491263	0,105	0,310
CHR3	23044397	CHR3:23044397	SSF x Near_LoA	-8,23965893	0,068	0,308
CHR3	23051392	CHR3:23051392	SSF x Near_LoA	-9,11291748	0,081	0,295
CHR3	23051397	CHR3:23051397	SSF x Near_LoA	-8,69928344	-0,042	0,311
CHR3	23051431	CHR3:23051431	SSF x Near_LoA	-9,39036797	-0,060	0,317
CHR3	23051457	CHR3:23051457	SSF x Near_LoA	-7,37632925	0,030	0,311
CHR3	23051480	CHR3:23051480	SSF x Near_LoA	-7,21871626	0,062	0,318
CHR3	23051566	CHR3:23051566	SSF x Near_LoA	-7,4117262	0,094	0,296
CHR3	23051611	CHR3:23051611	SSF x Near_LoA	-8,33730527	-0,013	0,295
CHR3	23062249	CHR3:23062249	SSF x Near_LoA	-8,27552754	0,028	0,308
CHR3	23062271	CHR3:23062271	SSF x Near_LoA	-8,27738265	0,011	0,312
CHR3	2306262	CHR3:2306262	SSF x Near_LoA	-8,34690171	0,007	0,297
CHR3	2306286	CHR3:2306286	SSF x Near_LoA	-4,66502544	0,144	0,301
CHR3	2306289	CHR3:2306289	SSF x Near_LoA	-7,7475527	0,137	0,303
CHR3	2306357	CHR3:2306357	SSF x Near_LoA	-11,2965211	0,032	0,308
CHR3	2306432	CHR3:2306432	SSF x Near_LoA	-11,3279284	-0,025	0,309
CHR3	23065674	CHR3:23065674	SSF x Near_LoA	-8,44926038	-0,041	0,306
CHR3	23065965	CHR3:23065965	SSF x Near_LoA	-9,16597307	-0,039	0,294
CHR3	23065993	CHR3:23065993	SSF x Near_LoA	-12,4318461	-0,029	0,304
CHR3	23066015	CHR3:23066015	SSF x Near_LoA	-7,77300379	0,131	0,297
CHR3	23066047	CHR3:23066047	SSF x Near_LoA	-9,53536515	0,115	0,311
CHR3	23067122	CHR3:23067122	SSF x Near_LoA	-10,2082713	0,038	0,296
CHR3	23067132	CHR3:23067132	SSF x Near_LoA	-6,52818935	-0,018	0,310
CHR3	23067151	CHR3:23067151	SSF x Near_LoA	-10,8709996	0,031	0,316
CHR3	23071839	CHR3:23071839	SSF x Near_LoA	-9,6129728	-0,019	0,315
CHR3	23071840	CHR3:23071840	SSF x Near_LoA	-9,83587896	-0,003	0,320
CHR3	23086934	CHR3:23086934	SSF x Near_LoA	-8,23404073	0,024	0,301
CHR3	23086944	CHR3:23086944	SSF x Near_LoA	-9,14456841	0,068	0,309
CHR3	23089106	CHR3:23089106	SSF x Near_LoA	-10,2233856	0,022	0,309
CHR3	23089115	CHR3:23089115	SSF x Near_LoA	-9,74176941	0,017	0,316
CHR3	23092297	CHR3:23092297	SSF x Near_LoA	-8,45838573	-0,018	0,318
CHR3	23092446	CHR3:23092446	SSF x Near_LoA	-6,39627461	0,056	0,315
CHR3	23092552	CHR3:23092552	SSF x Near_LoA	-9,27463293	0,026	0,305
CHR3	23095711	CHR3:23095711	SSF x Near_LoA	-7,57667431	-0,069	0,312
CHR3	23095833	CHR3:23095833	SSF x Near_LoA	-10,1980833	-0,037	0,323
CHR3	23112405	CHR3:23112405	SSF x Near_LoA	-7,64435549	0,148	0,300
CHR3	23112406	CHR3:23112406	SSF x Near_LoA	-6,7544954	0,136	0,297
CHR3	23112593	CHR3:23112593	SSF x Near_LoA	-7,53260505	0,050	0,293
CHR3	23112647	CHR3:23112647	SSF x Near_LoA	-7,98689715	-0,002	0,313

CHR3	23122662	CHR3:23122662	SSF x Near_LoA	-9,46765321	-0,004	0,307
CHR3	23122688	CHR3:23122688	SSF x Near_LoA	-10,2719458	0,012	0,297
CHR3	23122691	CHR3:23122691	SSF x Near_LoA	-8,791531	-0,062	0,303
CHR3	23122699	CHR3:23122699	SSF x Near_LoA	-10,4543355	0,063	0,297
CHR3	23122716	CHR3:23122716	SSF x Near_LoA	-12,2311144	-0,033	0,309
CHR3	23122787	CHR3:23122787	SSF x Near_LoA	-9,63534473	0,005	0,329
CHR3	23126280	CHR3:23126280	SSF x Near_LoA	-10,3065317	-0,053	0,304
CHR3	23131774	CHR3:23131774	SSF x Near_LoA	-8,84660664	0,037	0,304
CHR3	23131796	CHR3:23131796	SSF x Near_LoA	-9,96516629	-0,040	0,290
CHR3	23131825	CHR3:23131825	SSF x Near_LoA	-7,91060521	-0,010	0,320
CHR3	23131852	CHR3:23131852	SSF x Near_LoA	-6,34238641	0,148	0,304
CHR3	23135830	CHR3:23135830	SSF x Near_LoA	6,4013002	0,021	0,303
CHR3	23136003	CHR3:23136003	SSF x Near_LoA	-8,81978921	-0,059	0,297
CHR3	23136046	CHR3:23136046	SSF x Near_LoA	-7,79174661	0,102	0,302
CHR3	23136052	CHR3:23136052	SSF x Near_LoA	-9,88735297	0,051	0,312
CHR3	23136120	CHR3:23136120	SSF x Near_LoA	-6,27601744	0,129	0,302
CHR3	23140287	CHR3:23140287	SSF x Near_LoA	-11,5575283	0,045	0,316
CHR3	23144058	CHR3:23144058	SSF x Near_LoA	-10,7430725	0,019	0,308
CHR3	23144087	CHR3:23144087	SSF x Near_LoA	-10,7933244	0,025	0,321
CHR3	23144223	CHR3:23144223	SSF x Near_LoA	-9,98929792	-0,111	0,320
CHR3	23145162	CHR3:23145162	SSF x Near_LoA	-8,37797986	0,029	0,306
CHR3	23145255	CHR3:23145255	SSF x Near_LoA	-8,84845708	-0,058	0,310
CHR3	23145410	CHR3:23145410	SSF x Near_LoA	-11,3457736	0,013	0,303
CHR3	23145419	CHR3:23145419	SSF x Near_LoA	-6,85382314	0,180	0,308
CHR3	23145422	CHR3:23145422	SSF x Near_LoA	3,08575611	-0,143	0,283
CHR3	2314846	CHR3:2314846	SSF x Near_LoA	-11,4973235	-0,053	0,315
CHR3	2314874	CHR3:2314874	SSF x Near_LoA	-9,42070387	0,015	0,319
CHR3	2314883	CHR3:2314883	SSF x Near_LoA	-11,0591107	-0,092	0,308
CHR3	2314896	CHR3:2314896	SSF x Near_LoA	-8,16408782	-0,081	0,313
CHR3	2314898	CHR3:2314898	SSF x Near_LoA	-9,20635344	-0,087	0,313
CHR3	23149897	CHR3:23149897	SSF x Near_LoA	-7,06620273	-0,058	0,310
CHR3	23149941	CHR3:23149941	SSF x Near_LoA	-10,0973306	0,071	0,306
CHR3	23149976	CHR3:23149976	SSF x Near_LoA	-9,43454605	-0,062	0,309
CHR3	23161235	CHR3:23161235	SSF x Near_LoA	-10,479947	0,063	0,298
CHR3	2316198	CHR3:2316198	SSF x Near_LoA	-11,018907	-0,027	0,317
CHR3	23162952	CHR3:23162952	SSF x Near_LoA	-9,96012887	0,104	0,297
CHR3	23163043	CHR3:23163043	SSF x Near_LoA	-8,3104491	-0,033	0,320
CHR3	23163096	CHR3:23163096	SSF x Near_LoA	-8,89527007	0,085	0,302
CHR3	23163154	CHR3:23163154	SSF x Near_LoA	-8,44989699	0,078	0,299
CHR3	23165559	CHR3:23165559	SSF x Near_LoA	-8,24737085	0,067	0,315
CHR3	23165648	CHR3:23165648	SSF x Near_LoA	-4,1995211	-0,037	0,298
CHR3	23165685	CHR3:23165685	SSF x Near_LoA	-8,94282622	0,069	0,307
CHR3	23171395	CHR3:23171395	SSF x Near_LoA	-0,86022108	-0,012	0,324
CHR3	23171421	CHR3:23171421	SSF x Near_LoA	-7,62640551	0,056	0,301
CHR3	23171429	CHR3:23171429	SSF x Near_LoA	-10,8603849	0,085	0,310
CHR3	2317494	CHR3:2317494	SSF x Near_LoA	-7,5614128	0,097	0,288
CHR3	2317555	CHR3:2317555	SSF x Near_LoA	-10,2933014	0,009	0,308
CHR3	23176105	CHR3:23176105	SSF x Near_LoA	-5,05395025	0,056	0,287
CHR3	23176140	CHR3:23176140	SSF x Near_LoA	-8,69599017	0,109	0,313
CHR3	23176142	CHR3:23176142	SSF x Near_LoA	-9,71220653	0,095	0,308
CHR3	23176234	CHR3:23176234	SSF x Near_LoA	-5,68378017	0,048	0,303
CHR3	23186219	CHR3:23186219	SSF x Near_LoA	-12,0628309	-0,013	0,283
CHR3	23186246	CHR3:23186246	SSF x Near_LoA	-11,2932229	0,018	0,302

CHR3	23186299	CHR3:23186299	SSF x Near_LoA	-12,0407333	0,068	0,298
CHR3	23186301	CHR3:23186301	SSF x Near_LoA	-5,23261583	0,189	0,292
CHR3	23186327	CHR3:23186327	SSF x Near_LoA	-11,3713323	0,054	0,298
CHR3	23188506	CHR3:23188506	SSF x Near_LoA	-8,82720177	-0,109	0,294
CHR3	23188509	CHR3:23188509	SSF x Near_LoA	-10,0681134	-0,039	0,301
CHR3	23188609	CHR3:23188609	SSF x Near_LoA	-4,3487348	-0,014	0,326
CHR3	23189628	CHR3:23189628	SSF x Near_LoA	-11,7634505	0,027	0,307
CHR3	23212888	CHR3:23212888	SSF x Near_LoA	-10,9609277	0,040	0,307
CHR3	23212968	CHR3:23212968	SSF x Near_LoA	-10,8654729	0,035	0,307
CHR3	23212986	CHR3:23212986	SSF x Near_LoA	-8,89063428	-0,038	0,311
CHR3	23213109	CHR3:23213109	SSF x Near_LoA	-9,15527973	0,139	0,309
CHR3	23218862	CHR3:23218862	SSF x Near_LoA	-9,22826326	-0,011	0,307
CHR3	23218894	CHR3:23218894	SSF x Near_LoA	-9,18741032	-0,027	0,306
CHR3	23236378	CHR3:23236378	SSF x Near_LoA	-11,4809946	0,084	0,304
CHR3	23236441	CHR3:23236441	SSF x Near_LoA	-9,49620752	-0,134	0,300
CHR3	23236445	CHR3:23236445	SSF x Near_LoA	-9,80918884	0,055	0,308
CHR3	23237404	CHR3:23237404	SSF x Near_LoA	-9,69795928	-0,046	0,301
CHR3	23241446	CHR3:23241446	SSF x Near_LoA	-9,02198415	-0,023	0,307
CHR3	23241469	CHR3:23241469	SSF x Near_LoA	-9,55510227	-0,032	0,297
CHR3	23241531	CHR3:23241531	SSF x Near_LoA	-7,09473141	0,063	0,304
CHR3	23241755	CHR3:23241755	SSF x Near_LoA	-9,41706265	-0,060	0,312
CHR3	23241758	CHR3:23241758	SSF x Near_LoA	-8,0080369	-0,009	0,312
CHR3	23241769	CHR3:23241769	SSF x Near_LoA	-9,68177836	-0,008	0,316
CHR3	23248359	CHR3:23248359	SSF x Near_LoA	-8,84566042	0,121	0,284
CHR3	23262753	CHR3:23262753	SSF x Near_LoA	-7,82870059	-0,151	0,298
CHR3	23262759	CHR3:23262759	SSF x Near_LoA	-5,06476471	-0,199	0,280
CHR3	23262773	CHR3:23262773	SSF x Near_LoA	2,25193754	-0,214	0,283
CHR3	23262814	CHR3:23262814	SSF x Near_LoA	-8,76672852	-0,092	0,303
CHR3	23262834	CHR3:23262834	SSF x Near_LoA	-7,58331663	0,136	0,310
CHR3	23262850	CHR3:23262850	SSF x Near_LoA	-7,79372683	-0,100	0,294
CHR3	23266203	CHR3:23266203	SSF x Near_LoA	-10,1755677	0,020	0,303
CHR3	23267224	CHR3:23267224	SSF x Near_LoA	-7,9525554	0,032	0,326
CHR3	23268807	CHR3:23268807	SSF x Near_LoA	-11,2058549	-0,032	0,286
CHR3	23268858	CHR3:23268858	SSF x Near_LoA	-7,57818328	0,034	0,301
CHR3	23278163	CHR3:23278163	SSF x Near_LoA	-10,9324746	0,055	0,305
CHR3	23278247	CHR3:23278247	SSF x Near_LoA	-9,25489558	-0,031	0,299
CHR3	23278277	CHR3:23278277	SSF x Near_LoA	-10,8122008	0,050	0,313
CHR3	23285517	CHR3:23285517	SSF x Near_LoA	-9,97619081	-0,031	0,314
CHR3	23285664	CHR3:23285664	SSF x Near_LoA	-9,50914478	-0,048	0,299
CHR3	23291663	CHR3:23291663	SSF x Near_LoA	-10,1779906	0,030	0,287
CHR3	23292281	CHR3:23292281	SSF x Near_LoA	-11,1922753	-0,044	0,304
CHR3	23300033	CHR3:23300033	SSF x Near_LoA	-10,6790982	-0,087	0,314
CHR3	23300160	CHR3:23300160	SSF x Near_LoA	-9,49938854	0,108	0,300
CHR3	23306997	CHR3:23306997	SSF x Near_LoA	-7,76886338	0,073	0,302
CHR3	23307049	CHR3:23307049	SSF x Near_LoA	-7,41334802	-0,162	0,305
CHR3	23307115	CHR3:23307115	SSF x Near_LoA	-7,91740013	-0,107	0,315
CHR3	23307158	CHR3:23307158	SSF x Near_LoA	-7,83483292	-0,006	0,311
CHR3	23313690	CHR3:23313690	SSF x Near_LoA	-8,69742333	-0,118	0,316
CHR3	23313717	CHR3:23313717	SSF x Near_LoA	-11,2549568	0,023	0,320
CHR3	23314785	CHR3:23314785	SSF x Near_LoA	-11,4657474	0,083	0,300
CHR3	23314794	CHR3:23314794	SSF x Near_LoA	-6,19470583	-0,161	0,307
CHR3	23315514	CHR3:23315514	SSF x Near_LoA	-11,1199801	-0,015	0,302
CHR3	23322524	CHR3:23322524	SSF x Near_LoA	-7,26533533	-0,010	0,326

CHR3	23322531	CHR3:23322531	SSF x Near_LoA	-6,71599994	-0,136	0,307
CHR3	23322591	CHR3:23322591	SSF x Near_LoA	-8,84803653	-0,008	0,320
CHR3	23322594	CHR3:23322594	SSF x Near_LoA	-8,94546334	-0,022	0,310
CHR3	23322596	CHR3:23322596	SSF x Near_LoA	-6,76594166	-0,041	0,315
CHR3	23327067	CHR3:23327067	SSF x Near_LoA	-6,9105724	-0,041	0,320
CHR3	23333181	CHR3:23333181	SSF x Near_LoA	-10,8507532	-0,019	0,306
CHR3	23333240	CHR3:23333240	SSF x Near_LoA	-9,56149538	-0,061	0,313
CHR3	23333266	CHR3:23333266	SSF x Near_LoA	-12,158831	-0,052	0,308
CHR3	23333283	CHR3:23333283	SSF x Near_LoA	-8,10132328	-0,059	0,320
CHR3	23333364	CHR3:23333364	SSF x Near_LoA	-10,5454535	-0,010	0,308
CHR3	23342393	CHR3:23342393	SSF x Near_LoA	-10,7392586	0,047	0,300
CHR3	23342404	CHR3:23342404	SSF x Near_LoA	-10,3295371	0,058	0,309
CHR3	23343738	CHR3:23343738	SSF x Near_LoA	-7,37279101	-0,046	0,307
CHR3	23347863	CHR3:23347863	SSF x Near_LoA	-11,3543497	-0,059	0,288
CHR3	23347929	CHR3:23347929	SSF x Near_LoA	-8,75714334	0,038	0,313
CHR3	23350591	CHR3:23350591	SSF x Near_LoA	-8,60518076	-0,033	0,311
CHR3	2335600	CHR3:2335600	SSF x Near_LoA	-10,5106246	0,093	0,301
CHR3	2335639	CHR3:2335639	SSF x Near_LoA	-6,50730624	-0,130	0,306
CHR3	2335754	CHR3:2335754	SSF x Near_LoA	-9,08302316	-0,041	0,320
CHR3	2335756	CHR3:2335756	SSF x Near_LoA	-12,1322209	0,008	0,299
CHR3	23366190	CHR3:23366190	SSF x Near_LoA	-9,46093975	-0,097	0,303
CHR3	23368028	CHR3:23368028	SSF x Near_LoA	-8,92134381	-0,064	0,301
CHR3	23368077	CHR3:23368077	SSF x Near_LoA	-10,0992702	0,066	0,302
CHR3	23368112	CHR3:23368112	SSF x Near_LoA	-9,37328591	-0,007	0,325
CHR3	23368117	CHR3:23368117	SSF x Near_LoA	-8,88671719	-0,148	0,300
CHR3	23370395	CHR3:23370395	SSF x Near_LoA	-10,4089526	0,080	0,317
CHR3	23370428	CHR3:23370428	SSF x Near_LoA	-9,60849778	0,085	0,315
CHR3	23371126	CHR3:23371126	SSF x Near_LoA	-8,60918208	-0,007	0,303
CHR3	23371143	CHR3:23371143	SSF x Near_LoA	-8,59449361	0,031	0,316
CHR3	23389760	CHR3:23389760	SSF x Near_LoA	-6,83418099	-0,014	0,308
CHR3	23389821	CHR3:23389821	SSF x Near_LoA	-11,1806482	0,038	0,307
CHR3	23398044	CHR3:23398044	SSF x Near_LoA	-8,97755491	-0,060	0,311
CHR3	23398093	CHR3:23398093	SSF x Near_LoA	-7,78799771	0,084	0,321
CHR3	23398375	CHR3:23398375	SSF x Near_LoA	-11,1084639	-0,076	0,298
CHR3	2340977	CHR3:2340977	SSF x Near_LoA	-11,107082	0,075	0,311
CHR3	23409917	CHR3:23409917	SSF x Near_LoA	-10,340137	-0,018	0,312
CHR3	23413309	CHR3:23413309	SSF x Near_LoA	-6,94255613	0,086	0,319
CHR3	23413336	CHR3:23413336	SSF x Near_LoA	-9,3361921	-0,035	0,307
CHR3	23413366	CHR3:23413366	SSF x Near_LoA	-8,99167069	-0,013	0,323
CHR3	23413382	CHR3:23413382	SSF x Near_LoA	-10,7435447	0,098	0,292
CHR3	23413424	CHR3:23413424	SSF x Near_LoA	-4,31639596	-0,026	0,316
CHR3	23413470	CHR3:23413470	SSF x Near_LoA	-3,59776905	-0,034	0,306
CHR3	23413502	CHR3:23413502	SSF x Near_LoA	-2,15544242	-0,064	0,312
CHR3	23413540	CHR3:23413540	SSF x Near_LoA	-9,42760915	0,068	0,311
CHR3	23429415	CHR3:23429415	SSF x Near_LoA	-11,3732938	-0,011	0,307
CHR3	23429416	CHR3:23429416	SSF x Near_LoA	-10,6604734	-0,046	0,300
CHR3	23429428	CHR3:23429428	SSF x Near_LoA	-10,9752674	-0,026	0,297
CHR3	23429432	CHR3:23429432	SSF x Near_LoA	-10,8934675	0,004	0,305
CHR3	23429597	CHR3:23429597	SSF x Near_LoA	-8,83852454	-0,064	0,291
CHR3	23429599	CHR3:23429599	SSF x Near_LoA	-9,38158541	-0,033	0,309
CHR3	23429654	CHR3:23429654	SSF x Near_LoA	-5,81971103	-0,064	0,293
CHR3	23429680	CHR3:23429680	SSF x Near_LoA	-9,2365593	-0,054	0,292
CHR3	23430413	CHR3:23430413	SSF x Near_LoA	-7,34215675	-0,083	0,326

CHR3	23436438	CHR3:23436438	SSF x Near_LoA	-10,2917826	0,038	0,300
CHR3	23436472	CHR3:23436472	SSF x Near_LoA	-7,9743258	0,018	0,319
CHR3	23445945	CHR3:23445945	SSF x Near_LoA	-10,4908537	0,041	0,310
CHR3	23445988	CHR3:23445988	SSF x Near_LoA	-5,23619752	-0,156	0,300
CHR3	23446048	CHR3:23446048	SSF x Near_LoA	-10,5632893	-0,014	0,312
CHR3	23446056	CHR3:23446056	SSF x Near_LoA	-6,96209576	0,184	0,295
CHR3	23450122	CHR3:23450122	SSF x Near_LoA	-9,08145046	-0,059	0,307
CHR3	23450128	CHR3:23450128	SSF x Near_LoA	-10,4323177	-0,033	0,305
CHR3	23450129	CHR3:23450129	SSF x Near_LoA	-10,4504044	-0,066	0,309
CHR3	23450133	CHR3:23450133	SSF x Near_LoA	-10,0941347	-0,078	0,308
CHR3	23450134	CHR3:23450134	SSF x Near_LoA	-6,36009181	-0,064	0,315
CHR3	23450135	CHR3:23450135	SSF x Near_LoA	-8,54771948	-0,078	0,303
CHR3	23450271	CHR3:23450271	SSF x Near_LoA	-8,08438872	-0,106	0,295
CHR3	23453387	CHR3:23453387	SSF x Near_LoA	-9,18295276	0,048	0,311
CHR3	23465244	CHR3:23465244	SSF x Near_LoA	-8,5184715	-0,088	0,313
CHR3	23465266	CHR3:23465266	SSF x Near_LoA	-9,21742061	0,014	0,312
CHR3	23465267	CHR3:23465267	SSF x Near_LoA	-8,44125281	0,005	0,314
CHR3	23465319	CHR3:23465319	SSF x Near_LoA	-2,25821859	-0,096	0,311
CHR3	23465370	CHR3:23465370	SSF x Near_LoA	-7,1652798	0,071	0,309
CHR3	23481319	CHR3:23481319	SSF x Near_LoA	-9,45997278	-0,050	0,311
CHR3	23501554	CHR3:23501554	SSF x Near_LoA	-8,05877485	0,036	0,314
CHR3	23513882	CHR3:23513882	SSF x Near_LoA	-9,20073036	-0,015	0,315
CHR3	23513898	CHR3:23513898	SSF x Near_LoA	-9,31715384	-0,015	0,308
CHR3	23513946	CHR3:23513946	SSF x Near_LoA	-8,78716141	-0,091	0,304
CHR3	23514023	CHR3:23514023	SSF x Near_LoA	-9,69892701	0,031	0,307
CHR3	23514050	CHR3:23514050	SSF x Near_LoA	-9,93328616	-0,037	0,314
CHR3	23514100	CHR3:23514100	SSF x Near_LoA	-8,60750055	0,031	0,318
CHR3	2352177	CHR3:2352177	SSF x Near_LoA	-10,6942862	0,073	0,304
CHR3	2352222	CHR3:2352222	SSF x Near_LoA	-9,45657739	0,024	0,318
CHR3	2352250	CHR3:2352250	SSF x Near_LoA	-10,0006719	-0,007	0,320
CHR3	2352273	CHR3:2352273	SSF x Near_LoA	-8,55989478	0,064	0,312
CHR3	2352317	CHR3:2352317	SSF x Near_LoA	-9,66798387	-0,081	0,298
CHR3	23527468	CHR3:23527468	SSF x Near_LoA	-4,48464352	0,124	0,304
CHR3	23527533	CHR3:23527533	SSF x Near_LoA	-11,0106393	-0,023	0,299
CHR3	23527799	CHR3:23527799	SSF x Near_LoA	-6,64391169	0,161	0,306
CHR3	23529101	CHR3:23529101	SSF x Near_LoA	-9,13540089	0,072	0,304
CHR3	23529151	CHR3:23529151	SSF x Near_LoA	-10,8932081	-0,008	0,308
CHR3	23532124	CHR3:23532124	SSF x Near_LoA	-8,32023923	-0,022	0,300
CHR3	23532264	CHR3:23532264	SSF x Near_LoA	-6,78642083	-0,021	0,309
CHR3	23536022	CHR3:23536022	SSF x Near_LoA	-9,98875858	-0,019	0,312
CHR3	23544949	CHR3:23544949	SSF x Near_LoA	-7,84856934	-0,067	0,287
CHR3	23544956	CHR3:23544956	SSF x Near_LoA	-10,1639657	-0,050	0,306
CHR3	23545015	CHR3:23545015	SSF x Near_LoA	-9,67072396	-0,070	0,312
CHR3	23545202	CHR3:23545202	SSF x Near_LoA	-9,17675858	-0,097	0,293
CHR3	23571568	CHR3:23571568	SSF x Near_LoA	-5,48685662	-0,052	0,302
CHR3	23571630	CHR3:23571630	SSF x Near_LoA	-9,57498687	-0,109	0,296
CHR3	23580741	CHR3:23580741	SSF x Near_LoA	-8,90792723	-0,035	0,297
CHR3	23580760	CHR3:23580760	SSF x Near_LoA	-3,21705539	0,037	0,310
CHR3	23580763	CHR3:23580763	SSF x Near_LoA	-10,494734	0,003	0,312
CHR3	23580774	CHR3:23580774	SSF x Near_LoA	-9,59150012	0,039	0,316
CHR3	23580824	CHR3:23580824	SSF x Near_LoA	-10,6668713	0,001	0,301
CHR3	23580925	CHR3:23580925	SSF x Near_LoA	-3,54334446	0,167	0,296
CHR3	23586105	CHR3:23586105	SSF x Near_LoA	-5,80255622	-0,190	0,304

CHR3	23586109	CHR3:23586109	SSF x Near_LoA	-0,69215494	0,011	0,312
CHR3	23586272	CHR3:23586272	SSF x Near_LoA	-10,3051531	0,075	0,303
CHR3	23586337	CHR3:23586337	SSF x Near_LoA	-9,54102081	-0,035	0,309
CHR3	23592563	CHR3:23592563	SSF x Near_LoA	-9,0924912	0,014	0,322
CHR3	23592587	CHR3:23592587	SSF x Near_LoA	-4,09276773	0,025	0,322
CHR3	23595456	CHR3:23595456	SSF x Near_LoA	-11,3061104	-0,014	0,289
CHR3	23595515	CHR3:23595515	SSF x Near_LoA	3,50071708	0,022	0,307
CHR3	23595581	CHR3:23595581	SSF x Near_LoA	-10,3056226	0,053	0,290
CHR3	23595617	CHR3:23595617	SSF x Near_LoA	-10,6531844	0,000	0,296
CHR3	2359603	CHR3:2359603	SSF x Near_LoA	-7,20985342	-0,167	0,292
CHR3	2359711	CHR3:2359711	SSF x Near_LoA	-8,12809524	-0,094	0,299
CHR3	23600288	CHR3:23600288	SSF x Near_LoA	-9,73196876	0,046	0,299
CHR3	23600360	CHR3:23600360	SSF x Near_LoA	-12,2943648	-0,013	0,310
CHR3	23600407	CHR3:23600407	SSF x Near_LoA	-10,2247263	-0,044	0,326
CHR3	23600484	CHR3:23600484	SSF x Near_LoA	-11,364509	-0,009	0,308
CHR3	2360388	CHR3:2360388	SSF x Near_LoA	-8,27328251	-0,004	0,313
CHR3	23610291	CHR3:23610291	SSF x Near_LoA	-9,55016245	-0,058	0,298
CHR3	2361860	CHR3:2361860	SSF x Near_LoA	-11,5502796	0,024	0,305
CHR3	23619992	CHR3:23619992	SSF x Near_LoA	-8,47365953	0,078	0,296
CHR3	23620163	CHR3:23620163	SSF x Near_LoA	-8,76558933	-0,025	0,312
CHR3	23623628	CHR3:23623628	SSF x Near_LoA	-10,1602304	0,038	0,303
CHR3	23623636	CHR3:23623636	SSF x Near_LoA	-9,17043204	0,045	0,308
CHR3	23623725	CHR3:23623725	SSF x Near_LoA	-10,6312017	-0,050	0,292
CHR3	23623738	CHR3:23623738	SSF x Near_LoA	-6,41176265	-0,072	0,318
CHR3	23627324	CHR3:23627324	SSF x Near_LoA	-9,85726265	-0,079	0,298
CHR3	23627350	CHR3:23627350	SSF x Near_LoA	-9,1196854	-0,033	0,307
CHR3	23627358	CHR3:23627358	SSF x Near_LoA	-8,67998784	-0,077	0,300
CHR3	23641006	CHR3:23641006	SSF x Near_LoA	-8,57912183	0,027	0,311
CHR3	2365056	CHR3:2365056	SSF x Near_LoA	-10,6149665	0,030	0,305
CHR3	2365077	CHR3:2365077	SSF x Near_LoA	-6,837344	0,020	0,316
CHR3	2365101	CHR3:2365101	SSF x Near_LoA	-2,20212897	0,058	0,291
CHR3	23663640	CHR3:23663640	SSF x Near_LoA	-10,6955321	-0,026	0,320
CHR3	23663686	CHR3:23663686	SSF x Near_LoA	-8,7942451	0,094	0,300
CHR3	23663738	CHR3:23663738	SSF x Near_LoA	-12,5524738	0,001	0,304
CHR3	23663853	CHR3:23663853	SSF x Near_LoA	-9,49678591	-0,068	0,301
CHR3	23663885	CHR3:23663885	SSF x Near_LoA	-10,0822959	-0,053	0,305
CHR3	23666211	CHR3:23666211	SSF x Near_LoA	-8,04562728	-0,094	0,307
CHR3	23666213	CHR3:23666213	SSF x Near_LoA	-7,6670673	0,062	0,315
CHR3	23666321	CHR3:23666321	SSF x Near_LoA	-6,77499778	0,054	0,317
CHR3	23673253	CHR3:23673253	SSF x Near_LoA	-10,74723	-0,031	0,310
CHR3	23677249	CHR3:23677249	SSF x Near_LoA	-6,74953058	0,164	0,305
CHR3	23677282	CHR3:23677282	SSF x Near_LoA	-7,12913828	-0,133	0,309
CHR3	23677317	CHR3:23677317	SSF x Near_LoA	-6,99400698	-0,140	0,309
CHR3	23677329	CHR3:23677329	SSF x Near_LoA	-9,46821292	0,094	0,302
CHR3	23677335	CHR3:23677335	SSF x Near_LoA	-11,1893152	0,056	0,306
CHR3	23677336	CHR3:23677336	SSF x Near_LoA	-9,22528697	0,080	0,329
CHR3	23685248	CHR3:23685248	SSF x Near_LoA	-7,85219676	-0,093	0,297
CHR3	23685268	CHR3:23685268	SSF x Near_LoA	-7,67475976	-0,151	0,302
CHR3	23685280	CHR3:23685280	SSF x Near_LoA	-6,20162088	0,079	0,296
CHR3	23685348	CHR3:23685348	SSF x Near_LoA	-11,2335851	0,096	0,303
CHR3	23688459	CHR3:23688459	SSF x Near_LoA	-8,6819152	0,058	0,318
CHR3	23688503	CHR3:23688503	SSF x Near_LoA	-10,3895205	-0,047	0,311
CHR3	23688504	CHR3:23688504	SSF x Near_LoA	-7,5283396	0,027	0,308

CHR3	23688542	CHR3:23688542	SSF x Near_LoA	-10,0705324	-0,062	0,313
CHR3	23688547	CHR3:23688547	SSF x Near_LoA	-10,1747858	-0,096	0,302
CHR3	236930	CHR3:236930	SSF x Near_LoA	-0,17615706	-0,015	0,316
CHR3	236993	CHR3:236993	SSF x Near_LoA	-8,79112045	0,089	0,312
CHR3	23700422	CHR3:23700422	SSF x Near_LoA	-9,01874205	0,096	0,289
CHR3	23700569	CHR3:23700569	SSF x Near_LoA	-7,29272702	-0,072	0,309
CHR3	23700591	CHR3:23700591	SSF x Near_LoA	-4,33453189	0,218	0,292
CHR3	23700601	CHR3:23700601	SSF x Near_LoA	-7,82271709	-0,158	0,301
CHR3	23700650	CHR3:23700650	SSF x Near_LoA	-10,3491976	-0,048	0,312
CHR3	23700685	CHR3:23700685	SSF x Near_LoA	-9,69837362	-0,116	0,305
CHR3	23705268	CHR3:23705268	SSF x Near_LoA	-10,1915483	0,118	0,307
CHR3	23705474	CHR3:23705474	SSF x Near_LoA	-10,7297198	0,089	0,301
CHR3	23705529	CHR3:23705529	SSF x Near_LoA	-11,0634818	-0,029	0,314
CHR3	237060	CHR3:237060	SSF x Near_LoA	-8,72241569	0,082	0,308
CHR3	23709405	CHR3:23709405	SSF x Near_LoA	-9,11354218	-0,004	0,301
CHR3	23717131	CHR3:23717131	SSF x Near_LoA	-9,30624536	0,016	0,302
CHR3	23720447	CHR3:23720447	SSF x Near_LoA	-8,77429144	-0,063	0,316
CHR3	23720452	CHR3:23720452	SSF x Near_LoA	-9,20007138	-0,050	0,316
CHR3	23720454	CHR3:23720454	SSF x Near_LoA	-4,28238739	-0,032	0,312
CHR3	23720485	CHR3:23720485	SSF x Near_LoA	-8,19024236	-0,053	0,319
CHR3	23720494	CHR3:23720494	SSF x Near_LoA	-10,2846594	-0,069	0,306
CHR3	23720513	CHR3:23720513	SSF x Near_LoA	-11,6504037	-0,008	0,307
CHR3	23720546	CHR3:23720546	SSF x Near_LoA	0,2148545	-0,054	0,299
CHR3	23740345	CHR3:23740345	SSF x Near_LoA	-8,91153227	-0,011	0,312
CHR3	23740444	CHR3:23740444	SSF x Near_LoA	-10,8648786	0,106	0,300
CHR3	23756702	CHR3:23756702	SSF x Near_LoA	-9,61857797	-0,024	0,299
CHR3	23756861	CHR3:23756861	SSF x Near_LoA	-8,0556643	0,091	0,326
CHR3	23756916	CHR3:23756916	SSF x Near_LoA	-9,62273765	0,020	0,301
CHR3	23756924	CHR3:23756924	SSF x Near_LoA	-8,82258247	0,015	0,313
CHR3	23756971	CHR3:23756971	SSF x Near_LoA	-2,32715039	0,009	0,310
CHR3	23766080	CHR3:23766080	SSF x Near_LoA	-9,64008084	0,117	0,303
CHR3	2377049	CHR3:2377049	SSF x Near_LoA	-8,15073054	0,020	0,314
CHR3	2377054	CHR3:2377054	SSF x Near_LoA	-6,52297872	-0,113	0,314
CHR3	2377055	CHR3:2377055	SSF x Near_LoA	-8,03103418	-0,137	0,304
CHR3	2377069	CHR3:2377069	SSF x Near_LoA	-9,15291213	0,031	0,302
CHR3	2377099	CHR3:2377099	SSF x Near_LoA	-8,02973426	0,079	0,305
CHR3	23772132	CHR3:23772132	SSF x Near_LoA	-9,25116336	-0,004	0,316
CHR3	23775165	CHR3:23775165	SSF x Near_LoA	-9,90706193	0,086	0,304
CHR3	23775189	CHR3:23775189	SSF x Near_LoA	-7,97112894	-0,007	0,305
CHR3	23790138	CHR3:23790138	SSF x Near_LoA	-10,8831662	-0,065	0,311
CHR3	23790143	CHR3:23790143	SSF x Near_LoA	-5,52916441	0,189	0,280
CHR3	23794935	CHR3:23794935	SSF x Near_LoA	-7,98585499	-0,008	0,308
CHR3	23802231	CHR3:23802231	SSF x Near_LoA	-9,0387612	0,069	0,299
CHR3	23802283	CHR3:23802283	SSF x Near_LoA	-7,95034275	0,087	0,300
CHR3	23802338	CHR3:23802338	SSF x Near_LoA	-9,39266195	0,066	0,317
CHR3	23802477	CHR3:23802477	SSF x Near_LoA	-9,39888587	0,001	0,294
CHR3	23802480	CHR3:23802480	SSF x Near_LoA	-8,19571989	-0,090	0,290
CHR3	23802493	CHR3:23802493	SSF x Near_LoA	-7,73902836	0,052	0,305
CHR3	23810491	CHR3:23810491	SSF x Near_LoA	-8,1642203	0,067	0,309
CHR3	23811699	CHR3:23811699	SSF x Near_LoA	-10,0208077	-0,009	0,292
CHR3	23811755	CHR3:23811755	SSF x Near_LoA	-10,9426804	0,062	0,300
CHR3	23811809	CHR3:23811809	SSF x Near_LoA	-8,54659837	0,029	0,311
CHR3	23816389	CHR3:23816389	SSF x Near_LoA	-9,45709262	0,112	0,315

CHR3	23819040	CHR3:23819040	SSF x Near_LoA	-10,0050723	-0,085	0,294
CHR3	23819101	CHR3:23819101	SSF x Near_LoA	-10,6475815	0,012	0,319
CHR3	2382225	CHR3:2382225	SSF x Near_LoA	-8,9669615	-0,053	0,305
CHR3	2382406	CHR3:2382406	SSF x Near_LoA	-10,1641987	-0,060	0,297
CHR3	23825371	CHR3:23825371	SSF x Near_LoA	-8,87188477	-0,009	0,307
CHR3	23843353	CHR3:23843353	SSF x Near_LoA	-10,2144786	-0,072	0,310
CHR3	23847370	CHR3:23847370	SSF x Near_LoA	-9,52649778	0,082	0,296
CHR3	23856470	CHR3:23856470	SSF x Near_LoA	-7,50938183	-0,043	0,313
CHR3	23856521	CHR3:23856521	SSF x Near_LoA	-12,1174851	-0,054	0,300
CHR3	23856538	CHR3:23856538	SSF x Near_LoA	-8,52007792	0,053	0,300
CHR3	23856625	CHR3:23856625	SSF x Near_LoA	-10,1790661	-0,002	0,305
CHR3	23856660	CHR3:23856660	SSF x Near_LoA	-10,9179139	0,007	0,304
CHR3	23856714	CHR3:23856714	SSF x Near_LoA	-11,0344102	-0,082	0,303
CHR3	23869975	CHR3:23869975	SSF x Near_LoA	-9,86081819	0,007	0,308
CHR3	23869985	CHR3:23869985	SSF x Near_LoA	-9,24339149	0,054	0,306
CHR3	23883102	CHR3:23883102	SSF x Near_LoA	-8,29314153	0,042	0,302
CHR3	23886356	CHR3:23886356	SSF x Near_LoA	-5,44382804	-0,054	0,302
CHR3	23886390	CHR3:23886390	SSF x Near_LoA	-8,48368612	-0,059	0,307
CHR3	23886458	CHR3:23886458	SSF x Near_LoA	-9,60745528	0,000	0,305
CHR3	23886468	CHR3:23886468	SSF x Near_LoA	-6,54468049	-0,051	0,310
CHR3	23896046	CHR3:23896046	SSF x Near_LoA	-9,32444382	-0,089	0,303
CHR3	23896112	CHR3:23896112	SSF x Near_LoA	-7,96555866	-0,138	0,298
CHR3	23896122	CHR3:23896122	SSF x Near_LoA	-8,88291053	0,050	0,298
CHR3	23896131	CHR3:23896131	SSF x Near_LoA	-9,88784742	-0,029	0,306
CHR3	23896163	CHR3:23896163	SSF x Near_LoA	-8,59500912	0,070	0,326
CHR3	23896221	CHR3:23896221	SSF x Near_LoA	-9,19222408	-0,061	0,308
CHR3	23896222	CHR3:23896222	SSF x Near_LoA	-8,53185456	0,052	0,313
CHR3	23896233	CHR3:23896233	SSF x Near_LoA	-4,50186402	0,062	0,302
CHR3	23896270	CHR3:23896270	SSF x Near_LoA	-5,59181379	0,065	0,308
CHR3	23896272	CHR3:23896272	SSF x Near_LoA	-8,63196966	-0,026	0,313
CHR3	23908532	CHR3:23908532	SSF x Near_LoA	-10,5094714	0,063	0,309
CHR3	23918937	CHR3:23918937	SSF x Near_LoA	-9,6739911	-0,127	0,311
CHR3	23918938	CHR3:23918938	SSF x Near_LoA	-9,22186956	0,050	0,310
CHR3	23918955	CHR3:23918955	SSF x Near_LoA	-10,8208026	-0,005	0,309
CHR3	23918962	CHR3:23918962	SSF x Near_LoA	-8,82742814	-0,025	0,303
CHR3	23918965	CHR3:23918965	SSF x Near_LoA	-11,4946051	-0,032	0,304
CHR3	23918974	CHR3:23918974	SSF x Near_LoA	-7,2229423	0,059	0,309
CHR3	23920385	CHR3:23920385	SSF x Near_LoA	-5,14975802	0,008	0,318
CHR3	23931164	CHR3:23931164	SSF x Near_LoA	-9,99061782	0,059	0,326
CHR3	23931168	CHR3:23931168	SSF x Near_LoA	-9,86559188	0,050	0,322
CHR3	2393846	CHR3:2393846	SSF x Near_LoA	-8,65202881	0,042	0,314
CHR3	23940374	CHR3:23940374	SSF x Near_LoA	-8,13510507	0,061	0,300
CHR3	23940377	CHR3:23940377	SSF x Near_LoA	-10,268426	0,012	0,306
CHR3	23940453	CHR3:23940453	SSF x Near_LoA	-8,06240856	-0,061	0,297
CHR3	23941523	CHR3:23941523	SSF x Near_LoA	-8,52144163	0,059	0,287
CHR3	23952348	CHR3:23952348	SSF x Near_LoA	-10,4262174	0,117	0,312
CHR3	23952361	CHR3:23952361	SSF x Near_LoA	-10,9681794	-0,085	0,311
CHR3	23952406	CHR3:23952406	SSF x Near_LoA	-9,06298084	-0,033	0,308
CHR3	23952450	CHR3:23952450	SSF x Near_LoA	-6,95541509	-0,193	0,300
CHR3	23952490	CHR3:23952490	SSF x Near_LoA	-4,38066153	0,031	0,298
CHR3	23956026	CHR3:23956026	SSF x Near_LoA	-9,28423835	0,081	0,302
CHR3	23956164	CHR3:23956164	SSF x Near_LoA	-8,03143729	0,059	0,311
CHR3	23960391	CHR3:23960391	SSF x Near_LoA	-10,2323728	-0,029	0,301

CHR3	23960434	CHR3:23960434	SSF x Near_LoA	-7,58092683	-0,045	0,309
CHR3	23963382	CHR3:23963382	SSF x Near_LoA	-8,79181047	0,018	0,305
CHR3	23965975	CHR3:23965975	SSF x Near_LoA	-11,4151432	-0,024	0,293
CHR3	23968822	CHR3:23968822	SSF x Near_LoA	-9,70465205	-0,050	0,298
CHR3	23968828	CHR3:23968828	SSF x Near_LoA	-10,0603927	-0,068	0,291
CHR3	23968831	CHR3:23968831	SSF x Near_LoA	-9,37685292	-0,085	0,326
CHR3	23968834	CHR3:23968834	SSF x Near_LoA	-10,4079066	-0,035	0,298
CHR3	23968840	CHR3:23968840	SSF x Near_LoA	-9,96616769	-0,031	0,321
CHR3	23968852	CHR3:23968852	SSF x Near_LoA	-10,7729429	-0,001	0,307
CHR3	23968864	CHR3:23968864	SSF x Near_LoA	-11,032083	-0,013	0,316
CHR3	23968867	CHR3:23968867	SSF x Near_LoA	-9,12101781	0,000	0,312
CHR3	23968888	CHR3:23968888	SSF x Near_LoA	-9,5232546	-0,008	0,309
CHR3	23968891	CHR3:23968891	SSF x Near_LoA	-7,97791651	0,005	0,315
CHR3	23968898	CHR3:23968898	SSF x Near_LoA	-10,5779945	-0,019	0,302
CHR3	23968900	CHR3:23968900	SSF x Near_LoA	-9,96801612	-0,009	0,311
CHR3	23984869	CHR3:23984869	SSF x Near_LoA	-8,76844421	-0,127	0,298
CHR3	23984904	CHR3:23984904	SSF x Near_LoA	-6,93756481	-0,080	0,309
CHR3	23984913	CHR3:23984913	SSF x Near_LoA	-8,46328633	0,153	0,287
CHR3	23984915	CHR3:23984915	SSF x Near_LoA	-6,56463039	-0,167	0,303
CHR3	23984946	CHR3:23984946	SSF x Near_LoA	-8,23266915	-0,105	0,300
CHR3	23984947	CHR3:23984947	SSF x Near_LoA	-8,63707177	-0,111	0,317
CHR3	23998078	CHR3:23998078	SSF x Near_LoA	-12,331413	0,029	0,298
CHR3	23998319	CHR3:23998319	SSF x Near_LoA	-11,1444925	-0,005	0,301
CHR3	24014514	CHR3:24014514	SSF x Near_LoA	-8,1551015	0,073	0,307
CHR3	24014517	CHR3:24014517	SSF x Near_LoA	-8,47526439	0,089	0,299
CHR3	24014604	CHR3:24014604	SSF x Near_LoA	-10,49405	0,042	0,321
CHR3	24029044	CHR3:24029044	SSF x Near_LoA	-10,0606274	0,093	0,305
CHR3	2403030	CHR3:2403030	SSF x Near_LoA	-12,2686644	0,009	0,304
CHR3	2403178	CHR3:2403178	SSF x Near_LoA	-8,46447987	-0,077	0,309
CHR3	2403225	CHR3:2403225	SSF x Near_LoA	-8,12158774	-0,172	0,310
CHR3	24037801	CHR3:24037801	SSF x Near_LoA	-9,00539545	-0,108	0,294
CHR3	24037819	CHR3:24037819	SSF x Near_LoA	-6,78785443	0,161	0,305
CHR3	24039260	CHR3:24039260	SSF x Near_LoA	-10,0025341	-0,047	0,313
CHR3	24039277	CHR3:24039277	SSF x Near_LoA	-9,90013357	-0,125	0,304
CHR3	24053302	CHR3:24053302	SSF x Near_LoA	-6,36846243	-0,106	0,310
CHR3	24053304	CHR3:24053304	SSF x Near_LoA	-5,59617811	0,033	0,315
CHR3	24053460	CHR3:24053460	SSF x Near_LoA	-9,74637243	-0,008	0,319
CHR3	24053480	CHR3:24053480	SSF x Near_LoA	3,00337808	-0,095	0,295
CHR3	24053518	CHR3:24053518	SSF x Near_LoA	-9,18699127	-0,006	0,304
CHR3	24053534	CHR3:24053534	SSF x Near_LoA	-11,6001417	-0,019	0,299
CHR3	24058176	CHR3:24058176	SSF x Near_LoA	-8,33713549	-0,066	0,298
CHR3	24058216	CHR3:24058216	SSF x Near_LoA	-8,38824176	-0,152	0,318
CHR3	24058240	CHR3:24058240	SSF x Near_LoA	-10,2649119	-0,066	0,301
CHR3	24062675	CHR3:24062675	SSF x Near_LoA	-8,25813832	-0,054	0,308
CHR3	24067414	CHR3:24067414	SSF x Near_LoA	-10,3959117	0,055	0,312
CHR3	24067446	CHR3:24067446	SSF x Near_LoA	-10,9579717	0,043	0,303
CHR3	24068806	CHR3:24068806	SSF x Near_LoA	-10,2230027	0,001	0,295
CHR3	2406961	CHR3:2406961	SSF x Near_LoA	-8,45113793	0,109	0,305
CHR3	2406995	CHR3:2406995	SSF x Near_LoA	-6,92469933	-0,007	0,318
CHR3	2407075	CHR3:2407075	SSF x Near_LoA	-7,72554123	-0,075	0,310
CHR3	24070812	CHR3:24070812	SSF x Near_LoA	-6,97183558	-0,102	0,297
CHR3	2407106	CHR3:2407106	SSF x Near_LoA	-10,8466812	0,008	0,296
CHR3	2407120	CHR3:2407120	SSF x Near_LoA	-10,2044489	-0,013	0,296

CHR3	2407132	CHR3:2407132	SSF x Near_LoA	-8,91221141	-0,062	0,313
CHR3	2407162	CHR3:2407162	SSF x Near_LoA	-3,4436297	-0,045	0,309
CHR3	2407164	CHR3:2407164	SSF x Near_LoA	-8,30414835	-0,026	0,305
CHR3	2407175	CHR3:2407175	SSF x Near_LoA	-11,7062866	0,023	0,310
CHR3	2407177	CHR3:2407177	SSF x Near_LoA	-10,0121106	-0,063	0,291
CHR3	2407188	CHR3:2407188	SSF x Near_LoA	-8,55329988	0,092	0,307
CHR3	2407232	CHR3:2407232	SSF x Near_LoA	-10,0591026	0,009	0,299
CHR3	2407257	CHR3:2407257	SSF x Near_LoA	-9,55617317	0,038	0,302
CHR3	24073562	CHR3:24073562	SSF x Near_LoA	-5,09752887	-0,020	0,290
CHR3	24073585	CHR3:24073585	SSF x Near_LoA	-7,95619746	-0,093	0,298
CHR3	24073619	CHR3:24073619	SSF x Near_LoA	-11,0710695	-0,024	0,312
CHR3	24073654	CHR3:24073654	SSF x Near_LoA	-9,3207542	-0,020	0,319
CHR3	24073696	CHR3:24073696	SSF x Near_LoA	-9,0800844	0,210	0,291
CHR3	24073742	CHR3:24073742	SSF x Near_LoA	-0,98169283	0,098	0,292
CHR3	24073743	CHR3:24073743	SSF x Near_LoA	-2,64388083	-0,017	0,311
CHR3	24073766	CHR3:24073766	SSF x Near_LoA	-7,52401107	0,092	0,306
CHR3	24073787	CHR3:24073787	SSF x Near_LoA	-10,9843033	0,004	0,312
CHR3	24073788	CHR3:24073788	SSF x Near_LoA	-10,8142657	-0,006	0,306
CHR3	24077000	CHR3:24077000	SSF x Near_LoA	-10,2740139	0,109	0,301
CHR3	24077043	CHR3:24077043	SSF x Near_LoA	-9,47296803	0,149	0,314
CHR3	24085304	CHR3:24085304	SSF x Near_LoA	-10,2117945	-0,044	0,299
CHR3	24085341	CHR3:24085341	SSF x Near_LoA	-8,5108935	-0,041	0,301
CHR3	24094727	CHR3:24094727	SSF x Near_LoA	-7,45191342	0,086	0,298
CHR3	24094728	CHR3:24094728	SSF x Near_LoA	-8,39825584	0,097	0,307
CHR3	24094749	CHR3:24094749	SSF x Near_LoA	-6,34882431	0,144	0,305
CHR3	24094756	CHR3:24094756	SSF x Near_LoA	-6,29574534	0,154	0,296
CHR3	24099255	CHR3:24099255	SSF x Near_LoA	-11,0469702	0,026	0,313
CHR3	24132768	CHR3:24132768	SSF x Near_LoA	-8,30204286	0,010	0,325
CHR3	2413474	CHR3:2413474	SSF x Near_LoA	-11,1080533	-0,083	0,305
CHR3	2413592	CHR3:2413592	SSF x Near_LoA	-7,68665901	-0,031	0,321
CHR3	2413612	CHR3:2413612	SSF x Near_LoA	-9,40144456	-0,052	0,301
CHR3	24143669	CHR3:24143669	SSF x Near_LoA	-6,96839153	0,143	0,290
CHR3	24143884	CHR3:24143884	SSF x Near_LoA	-9,12887098	0,016	0,314
CHR3	24143911	CHR3:24143911	SSF x Near_LoA	-7,25508277	0,004	0,306
CHR3	24145061	CHR3:24145061	SSF x Near_LoA	-9,28300897	-0,019	0,312
CHR3	24145095	CHR3:24145095	SSF x Near_LoA	-7,12991703	0,065	0,311
CHR3	24145134	CHR3:24145134	SSF x Near_LoA	-8,91761037	-0,047	0,313
CHR3	24145177	CHR3:24145177	SSF x Near_LoA	-6,92111519	0,036	0,303
CHR3	24145183	CHR3:24145183	SSF x Near_LoA	-7,12372575	0,136	0,302
CHR3	24149434	CHR3:24149434	SSF x Near_LoA	-8,09003281	-0,061	0,315
CHR3	24149504	CHR3:24149504	SSF x Near_LoA	-8,17381632	0,017	0,316
CHR3	24149506	CHR3:24149506	SSF x Near_LoA	-8,29734298	0,017	0,313
CHR3	24149529	CHR3:24149529	SSF x Near_LoA	-9,08256263	0,124	0,297
CHR3	24149538	CHR3:24149538	SSF x Near_LoA	-8,66157235	-0,047	0,320
CHR3	24149592	CHR3:24149592	SSF x Near_LoA	-5,66937958	0,125	0,305
CHR3	24149702	CHR3:24149702	SSF x Near_LoA	-9,08950007	0,023	0,305
CHR3	24149741	CHR3:24149741	SSF x Near_LoA	-8,64359233	0,001	0,310
CHR3	24153509	CHR3:24153509	SSF x Near_LoA	-8,73169566	0,055	0,309
CHR3	24156097	CHR3:24156097	SSF x Near_LoA	-10,0562505	0,071	0,305
CHR3	24156315	CHR3:24156315	SSF x Near_LoA	-8,88334156	0,055	0,307
CHR3	24168770	CHR3:24168770	SSF x Near_LoA	-8,2926924	0,075	0,312
CHR3	24168980	CHR3:24168980	SSF x Near_LoA	-6,38899349	-0,120	0,299
CHR3	24169061	CHR3:24169061	SSF x Near_LoA	-8,29770437	0,040	0,324

CHR3	24169090	CHR3:24169090	SSF x Near_LoA	-4,68831132	-0,096	0,312
CHR3	24214240	CHR3:24214240	SSF x Near_LoA	-8,78641623	-0,037	0,314
CHR3	24214283	CHR3:24214283	SSF x Near_LoA	-9,44246905	0,053	0,296
CHR3	2421935	CHR3:2421935	SSF x Near_LoA	-10,4711575	0,057	0,300
CHR3	2421972	CHR3:2421972	SSF x Near_LoA	-9,35330222	-0,054	0,310
CHR3	2422037	CHR3:2422037	SSF x Near_LoA	-10,9323155	-0,077	0,315
CHR3	24226389	CHR3:24226389	SSF x Near_LoA	-9,61861674	0,099	0,304
CHR3	24226449	CHR3:24226449	SSF x Near_LoA	-9,90785232	0,106	0,306
CHR3	24226540	CHR3:24226540	SSF x Near_LoA	-10,5078327	0,009	0,317
CHR3	2424348	CHR3:2424348	SSF x Near_LoA	-7,0909182	-0,040	0,308
CHR3	2424381	CHR3:2424381	SSF x Near_LoA	-9,99608938	0,093	0,311
CHR3	2424435	CHR3:2424435	SSF x Near_LoA	-10,6505489	0,080	0,297
CHR3	24247170	CHR3:24247170	SSF x Near_LoA	-7,45646801	-0,044	0,316
CHR3	24247173	CHR3:24247173	SSF x Near_LoA	-10,4635814	-0,063	0,322
CHR3	24247174	CHR3:24247174	SSF x Near_LoA	-9,63522333	-0,009	0,299
CHR3	24247176	CHR3:24247176	SSF x Near_LoA	-9,39392459	0,054	0,323
CHR3	24247226	CHR3:24247226	SSF x Near_LoA	-11,4701229	-0,062	0,307
CHR3	24247227	CHR3:24247227	SSF x Near_LoA	-9,98906941	-0,045	0,301
CHR3	24247386	CHR3:24247386	SSF x Near_LoA	-9,65334601	-0,033	0,313
CHR3	24247421	CHR3:24247421	SSF x Near_LoA	-9,97829745	0,120	0,285
CHR3	24247427	CHR3:24247427	SSF x Near_LoA	-7,1314097	0,002	0,305
CHR3	24255383	CHR3:24255383	SSF x Near_LoA	-8,53911947	0,006	0,294
CHR3	24255447	CHR3:24255447	SSF x Near_LoA	-9,27266993	-0,013	0,301
CHR3	24255454	CHR3:24255454	SSF x Near_LoA	-7,44870117	0,028	0,299
CHR3	24255459	CHR3:24255459	SSF x Near_LoA	-9,05047618	-0,012	0,308
CHR3	24260766	CHR3:24260766	SSF x Near_LoA	-6,33407425	0,106	0,302
CHR3	24262062	CHR3:24262062	SSF x Near_LoA	-7,75561868	-0,126	0,313
CHR3	24262138	CHR3:24262138	SSF x Near_LoA	-3,46209064	-0,017	0,304
CHR3	24262168	CHR3:24262168	SSF x Near_LoA	-7,72630253	0,140	0,307
CHR3	24274529	CHR3:24274529	SSF x Near_LoA	-9,52732265	-0,034	0,300
CHR3	24274598	CHR3:24274598	SSF x Near_LoA	-6,9268911	0,132	0,300
CHR3	24280251	CHR3:24280251	SSF x Near_LoA	-10,7613042	0,134	0,303
CHR3	24280266	CHR3:24280266	SSF x Near_LoA	-8,3225586	-0,058	0,312
CHR3	24280513	CHR3:24280513	SSF x Near_LoA	-7,90606159	0,062	0,304
CHR3	24280596	CHR3:24280596	SSF x Near_LoA	-4,44988694	0,125	0,315
CHR3	24287911	CHR3:24287911	SSF x Near_LoA	-9,15146366	0,002	0,308
CHR3	24288143	CHR3:24288143	SSF x Near_LoA	-11,5489275	-0,056	0,301
CHR3	24290226	CHR3:24290226	SSF x Near_LoA	-10,1889735	-0,042	0,296
CHR3	24290307	CHR3:24290307	SSF x Near_LoA	-11,4703016	-0,030	0,308
CHR3	24300391	CHR3:24300391	SSF x Near_LoA	-8,65926645	0,005	0,309
CHR3	24300425	CHR3:24300425	SSF x Near_LoA	-11,4799786	-0,069	0,303
CHR3	24303630	CHR3:24303630	SSF x Near_LoA	-9,76552945	-0,099	0,312
CHR3	24303649	CHR3:24303649	SSF x Near_LoA	-7,84183429	-0,131	0,298
CHR3	24306829	CHR3:24306829	SSF x Near_LoA	-7,98653039	0,059	0,302
CHR3	24306830	CHR3:24306830	SSF x Near_LoA	-10,3759479	-0,042	0,298
CHR3	24320927	CHR3:24320927	SSF x Near_LoA	-8,83411477	0,070	0,305
CHR3	24331425	CHR3:24331425	SSF x Near_LoA	-6,16383759	-0,136	0,303
CHR3	24331438	CHR3:24331438	SSF x Near_LoA	-8,14455846	-0,126	0,290
CHR3	24331467	CHR3:24331467	SSF x Near_LoA	-7,34074518	-0,178	0,295
CHR3	24339888	CHR3:24339888	SSF x Near_LoA	-10,2096497	-0,137	0,280
CHR3	24344693	CHR3:24344693	SSF x Near_LoA	-3,12029132	-0,190	0,300
CHR3	24344708	CHR3:24344708	SSF x Near_LoA	-5,93243023	-0,150	0,298
CHR3	24344741	CHR3:24344741	SSF x Near_LoA	-11,1875549	0,002	0,305

CHR3	24344742	CHR3:24344742	SSF x Near_LoA	-9,68667355	-0,069	0,297
CHR3	24344751	CHR3:24344751	SSF x Near_LoA	-6,38394848	-0,112	0,311
CHR3	24344757	CHR3:24344757	SSF x Near_LoA	-10,0413541	-0,060	0,316
CHR3	24344805	CHR3:24344805	SSF x Near_LoA	-9,8948202	0,008	0,315
CHR3	24344891	CHR3:24344891	SSF x Near_LoA	-11,2436955	-0,080	0,282
CHR3	24344934	CHR3:24344934	SSF x Near_LoA	-10,6429144	-0,068	0,308
CHR3	24350418	CHR3:24350418	SSF x Near_LoA	-6,8912676	-0,113	0,297
CHR3	24350464	CHR3:24350464	SSF x Near_LoA	-10,3610973	0,008	0,304
CHR3	24350535	CHR3:24350535	SSF x Near_LoA	-11,2744425	0,025	0,311
CHR3	24356241	CHR3:24356241	SSF x Near_LoA	-9,14932265	0,006	0,321
CHR3	24360724	CHR3:24360724	SSF x Near_LoA	-7,89007614	0,033	0,302
CHR3	24360728	CHR3:24360728	SSF x Near_LoA	-8,88441382	0,044	0,294
CHR3	24360763	CHR3:24360763	SSF x Near_LoA	-8,72140503	0,041	0,296
CHR3	24360776	CHR3:24360776	SSF x Near_LoA	-6,54136606	0,012	0,304
CHR3	2436834	CHR3:2436834	SSF x Near_LoA	-9,00263625	-0,031	0,308
CHR3	2436836	CHR3:2436836	SSF x Near_LoA	-8,51971694	-0,045	0,302
CHR3	2436853	CHR3:2436853	SSF x Near_LoA	-6,09118915	0,202	0,307
CHR3	2436854	CHR3:2436854	SSF x Near_LoA	4,1103039	0,167	0,314
CHR3	2436878	CHR3:2436878	SSF x Near_LoA	-11,052423	-0,032	0,305
CHR3	2436904	CHR3:2436904	SSF x Near_LoA	-9,03596561	0,009	0,298
CHR3	24371526	CHR3:24371526	SSF x Near_LoA	-6,5044879	-0,081	0,304
CHR3	24371654	CHR3:24371654	SSF x Near_LoA	-8,35357816	-0,025	0,309
CHR3	24371664	CHR3:24371664	SSF x Near_LoA	-1,46776748	-0,075	0,303
CHR3	24376859	CHR3:24376859	SSF x Near_LoA	-8,99872821	0,052	0,306
CHR3	24386674	CHR3:24386674	SSF x Near_LoA	-9,48912932	0,007	0,309
CHR3	24417441	CHR3:24417441	SSF x Near_LoA	-8,46889166	0,043	0,287
CHR3	24418031	CHR3:24418031	SSF x Near_LoA	-9,44557154	0,098	0,306
CHR3	24418131	CHR3:24418131	SSF x Near_LoA	-5,50748238	0,116	0,310
CHR3	24457335	CHR3:24457335	SSF x Near_LoA	-11,0593837	0,038	0,313
CHR3	24457389	CHR3:24457389	SSF x Near_LoA	-6,82660786	0,131	0,302
CHR3	24457397	CHR3:24457397	SSF x Near_LoA	2,62843721	0,107	0,302
CHR3	24467144	CHR3:24467144	SSF x Near_LoA	-1,00906202	-0,132	0,303
CHR3	24467161	CHR3:24467161	SSF x Near_LoA	-8,73624373	0,090	0,309
CHR3	24477222	CHR3:24477222	SSF x Near_LoA	-8,29951496	-0,046	0,313
CHR3	24477395	CHR3:24477395	SSF x Near_LoA	-10,6415704	-0,054	0,312
CHR3	24477500	CHR3:24477500	SSF x Near_LoA	-8,02031788	-0,086	0,310
CHR3	24477510	CHR3:24477510	SSF x Near_LoA	-8,1246618	-0,091	0,300
CHR3	24498634	CHR3:24498634	SSF x Near_LoA	-8,98602995	-0,035	0,309
CHR3	24498648	CHR3:24498648	SSF x Near_LoA	-9,03899154	0,048	0,295
CHR3	244997	CHR3:244997	SSF x Near_LoA	-3,89635039	-0,115	0,310
CHR3	24507301	CHR3:24507301	SSF x Near_LoA	-6,26045314	0,133	0,307
CHR3	24515127	CHR3:24515127	SSF x Near_LoA	-8,66436248	0,007	0,312
CHR3	24515145	CHR3:24515145	SSF x Near_LoA	-10,8293406	-0,027	0,310
CHR3	24515189	CHR3:24515189	SSF x Near_LoA	-4,17680986	0,036	0,321
CHR3	24515191	CHR3:24515191	SSF x Near_LoA	-6,08273496	-0,087	0,301
CHR3	24515200	CHR3:24515200	SSF x Near_LoA	-9,79170001	0,010	0,310
CHR3	24515213	CHR3:24515213	SSF x Near_LoA	-9,42913752	0,069	0,310
CHR3	24515264	CHR3:24515264	SSF x Near_LoA	-9,26303206	0,036	0,296
CHR3	245165	CHR3:245165	SSF x Near_LoA	-11,1424052	-0,028	0,316
CHR3	24518546	CHR3:24518546	SSF x Near_LoA	-5,20558882	0,001	0,309
CHR3	24518568	CHR3:24518568	SSF x Near_LoA	-8,72637176	0,004	0,294
CHR3	24518767	CHR3:24518767	SSF x Near_LoA	-9,77327221	-0,003	0,309
CHR3	245209	CHR3:245209	SSF x Near_LoA	-11,3825871	0,114	0,304

CHR3	24525382	CHR3:24525382	SSF x Near_LoA	-8,59544176	0,105	0,312
CHR3	24542378	CHR3:24542378	SSF x Near_LoA	-10,264529	-0,083	0,300
CHR3	24542384	CHR3:24542384	SSF x Near_LoA	-10,1805231	-0,081	0,298
CHR3	24542385	CHR3:24542385	SSF x Near_LoA	-8,57208904	-0,092	0,310
CHR3	24542390	CHR3:24542390	SSF x Near_LoA	-10,2736161	-0,105	0,291
CHR3	24542415	CHR3:24542415	SSF x Near_LoA	-9,46730075	0,031	0,298
CHR3	24551525	CHR3:24551525	SSF x Near_LoA	-9,45680303	0,029	0,298
CHR3	24551583	CHR3:24551583	SSF x Near_LoA	-9,05950299	0,030	0,291
CHR3	24554261	CHR3:24554261	SSF x Near_LoA	-11,0490562	0,028	0,316
CHR3	24558077	CHR3:24558077	SSF x Near_LoA	-9,77740937	-0,102	0,301
CHR3	24558105	CHR3:24558105	SSF x Near_LoA	-9,42808402	-0,086	0,303
CHR3	24562701	CHR3:24562701	SSF x Near_LoA	-11,5743878	-0,071	0,307
CHR3	24562749	CHR3:24562749	SSF x Near_LoA	-10,9096495	0,044	0,306
CHR3	24563948	CHR3:24563948	SSF x Near_LoA	-10,048866	0,076	0,294
CHR3	24564071	CHR3:24564071	SSF x Near_LoA	-8,47626415	0,103	0,294
CHR3	24564084	CHR3:24564084	SSF x Near_LoA	-6,50303767	0,049	0,306
CHR3	24564087	CHR3:24564087	SSF x Near_LoA	-5,21652993	-0,166	0,294
CHR3	2456445	CHR3:2456445	SSF x Near_LoA	-9,59047259	-0,016	0,304
CHR3	24575445	CHR3:24575445	SSF x Near_LoA	-11,5734589	0,076	0,300
CHR3	24575470	CHR3:24575470	SSF x Near_LoA	-6,94454764	0,165	0,296
CHR3	24575528	CHR3:24575528	SSF x Near_LoA	-8,72440534	-0,028	0,303
CHR3	24575593	CHR3:24575593	SSF x Near_LoA	-10,2366755	0,057	0,312
CHR3	24585541	CHR3:24585541	SSF x Near_LoA	-10,567081	0,009	0,310
CHR3	24586843	CHR3:24586843	SSF x Near_LoA	-6,75068004	-0,045	0,321
CHR3	24586844	CHR3:24586844	SSF x Near_LoA	-9,80245366	-0,017	0,310
CHR3	24586848	CHR3:24586848	SSF x Near_LoA	-10,0093666	-0,041	0,316
CHR3	24586850	CHR3:24586850	SSF x Near_LoA	-10,7535197	-0,035	0,304
CHR3	24586851	CHR3:24586851	SSF x Near_LoA	-9,55813635	-0,048	0,310
CHR3	24586852	CHR3:24586852	SSF x Near_LoA	-11,1281485	-0,067	0,307
CHR3	24586897	CHR3:24586897	SSF x Near_LoA	-8,69680993	0,022	0,299
CHR3	24586898	CHR3:24586898	SSF x Near_LoA	-7,98953132	0,071	0,319
CHR3	24586957	CHR3:24586957	SSF x Near_LoA	-8,14647107	0,094	0,308
CHR3	24586969	CHR3:24586969	SSF x Near_LoA	-11,3201619	-0,008	0,302
CHR3	24590064	CHR3:24590064	SSF x Near_LoA	-11,0805315	-0,060	0,282
CHR3	24590141	CHR3:24590141	SSF x Near_LoA	-10,1474162	0,027	0,304
CHR3	24591605	CHR3:24591605	SSF x Near_LoA	-9,21216005	-0,058	0,306
CHR3	24594305	CHR3:24594305	SSF x Near_LoA	-9,57201612	0,049	0,309
CHR3	24594310	CHR3:24594310	SSF x Near_LoA	-8,10048312	0,075	0,304
CHR3	24598196	CHR3:24598196	SSF x Near_LoA	-8,56692754	-0,032	0,302
CHR3	24610291	CHR3:24610291	SSF x Near_LoA	-2,53221808	-0,050	0,320
CHR3	24616613	CHR3:24616613	SSF x Near_LoA	-11,6817973	0,003	0,317
CHR3	24621713	CHR3:24621713	SSF x Near_LoA	-6,30133745	-0,002	0,306
CHR3	24632513	CHR3:24632513	SSF x Near_LoA	-7,5557744	-0,040	0,312
CHR3	24632527	CHR3:24632527	SSF x Near_LoA	-7,60371328	0,001	0,303
CHR3	24632995	CHR3:24632995	SSF x Near_LoA	-3,64503723	0,181	0,291
CHR3	24636578	CHR3:24636578	SSF x Near_LoA	-9,073178	0,051	0,312
CHR3	24642603	CHR3:24642603	SSF x Near_LoA	-8,9775829	-0,069	0,306
CHR3	2465000	CHR3:2465000	SSF x Near_LoA	-11,3865179	-0,030	0,310
CHR3	24650517	CHR3:24650517	SSF x Near_LoA	-9,00003932	-0,085	0,290
CHR3	24650567	CHR3:24650567	SSF x Near_LoA	-9,22671151	-0,117	0,289
CHR3	24650701	CHR3:24650701	SSF x Near_LoA	-10,852976	0,020	0,312
CHR3	2465146	CHR3:2465146	SSF x Near_LoA	-10,4140417	0,058	0,303
CHR3	2465277	CHR3:2465277	SSF x Near_LoA	-8,11439836	-0,076	0,301

CHR3	24656174	CHR3:24656174	SSF x Near_LoA	-7,41735954	-0,001	0,296
CHR3	24656367	CHR3:24656367	SSF x Near_LoA	-10,23724	-0,001	0,292
CHR3	24656385	CHR3:24656385	SSF x Near_LoA	-9,02839912	-0,066	0,296
CHR3	24672219	CHR3:24672219	SSF x Near_LoA	-7,26145275	-0,039	0,297
CHR3	24672225	CHR3:24672225	SSF x Near_LoA	-8,29980313	-0,103	0,302
CHR3	24672261	CHR3:24672261	SSF x Near_LoA	-8,49824561	-0,095	0,298
CHR3	24672273	CHR3:24672273	SSF x Near_LoA	-7,62144134	-0,115	0,290
CHR3	24685039	CHR3:24685039	SSF x Near_LoA	-8,72170185	0,074	0,322
CHR3	24685068	CHR3:24685068	SSF x Near_LoA	-8,01922933	0,097	0,290
CHR3	24685093	CHR3:24685093	SSF x Near_LoA	-4,04035726	0,130	0,309
CHR3	24685094	CHR3:24685094	SSF x Near_LoA	-5,27544558	0,170	0,309
CHR3	24686731	CHR3:24686731	SSF x Near_LoA	-8,31610456	-0,114	0,304
CHR3	24686743	CHR3:24686743	SSF x Near_LoA	-8,53110944	-0,132	0,303
CHR3	24686747	CHR3:24686747	SSF x Near_LoA	-6,10207005	-0,141	0,302
CHR3	24695924	CHR3:24695924	SSF x Near_LoA	-7,85470984	-0,045	0,320
CHR3	24699523	CHR3:24699523	SSF x Near_LoA	-10,8255224	-0,012	0,319
CHR3	24700988	CHR3:24700988	SSF x Near_LoA	-9,60535254	0,139	0,309
CHR3	2470307	CHR3:2470307	SSF x Near_LoA	-10,731946	-0,018	0,308
CHR3	2470360	CHR3:2470360	SSF x Near_LoA	-9,24458928	-0,073	0,291
CHR3	2470383	CHR3:2470383	SSF x Near_LoA	-11,9435212	0,010	0,293
CHR3	2470412	CHR3:2470412	SSF x Near_LoA	-7,95505723	-0,071	0,304
CHR3	2470420	CHR3:2470420	SSF x Near_LoA	-9,42266739	-0,073	0,278
CHR3	24713270	CHR3:24713270	SSF x Near_LoA	-8,36379991	0,068	0,314
CHR3	24713289	CHR3:24713289	SSF x Near_LoA	-8,5582298	0,054	0,311
CHR3	24713316	CHR3:24713316	SSF x Near_LoA	-10,656135	-0,097	0,282
CHR3	24713321	CHR3:24713321	SSF x Near_LoA	-6,63836194	0,085	0,307
CHR3	24717304	CHR3:24717304	SSF x Near_LoA	-9,25370992	-0,040	0,317
CHR3	24717326	CHR3:24717326	SSF x Near_LoA	-9,28795075	-0,061	0,307
CHR3	24717353	CHR3:24717353	SSF x Near_LoA	-8,36336651	-0,003	0,309
CHR3	24717383	CHR3:24717383	SSF x Near_LoA	-7,13951627	0,015	0,328
CHR3	24717969	CHR3:24717969	SSF x Near_LoA	-8,39139803	0,010	0,313
CHR3	24717978	CHR3:24717978	SSF x Near_LoA	-9,19939569	0,015	0,317
CHR3	24726992	CHR3:24726992	SSF x Near_LoA	-9,05902593	-0,037	0,307
CHR3	24727052	CHR3:24727052	SSF x Near_LoA	-9,60533485	0,079	0,318
CHR3	24727087	CHR3:24727087	SSF x Near_LoA	-10,3841126	-0,010	0,308
CHR3	24727101	CHR3:24727101	SSF x Near_LoA	-6,40940364	0,052	0,299
CHR3	24727117	CHR3:24727117	SSF x Near_LoA	-9,25254575	0,075	0,295
CHR3	24727120	CHR3:24727120	SSF x Near_LoA	-9,54783466	-0,007	0,312
CHR3	24727175	CHR3:24727175	SSF x Near_LoA	-9,1056988	-0,010	0,314
CHR3	24727181	CHR3:24727181	SSF x Near_LoA	-1,44756122	-0,014	0,311
CHR3	24727202	CHR3:24727202	SSF x Near_LoA	-11,8191664	0,012	0,305
CHR3	2474915	CHR3:2474915	SSF x Near_LoA	-10,3782417	-0,055	0,317
CHR3	24783740	CHR3:24783740	SSF x Near_LoA	-7,02382584	-0,058	0,297
CHR3	24784037	CHR3:24784037	SSF x Near_LoA	-1,56125783	-0,130	0,308
CHR3	24791166	CHR3:24791166	SSF x Near_LoA	-7,76892806	-0,106	0,297
CHR3	24819676	CHR3:24819676	SSF x Near_LoA	-8,28102605	0,071	0,316
CHR3	24819712	CHR3:24819712	SSF x Near_LoA	-8,86539182	-0,017	0,305
CHR3	24819767	CHR3:24819767	SSF x Near_LoA	-10,6061722	0,031	0,302
CHR3	24830784	CHR3:24830784	SSF x Near_LoA	-9,19311867	0,094	0,295
CHR3	24830819	CHR3:24830819	SSF x Near_LoA	-11,3360402	-0,004	0,313
CHR3	24831063	CHR3:24831063	SSF x Near_LoA	-7,96539829	-0,051	0,317
CHR3	24835789	CHR3:24835789	SSF x Near_LoA	-10,0855845	-0,037	0,317
CHR3	24840431	CHR3:24840431	SSF x Near_LoA	-7,59355604	-0,008	0,298

CHR3	24840445	CHR3:24840445	SSF x Near_LoA	-9,43693236	-0,007	0,311
CHR3	24840544	CHR3:24840544	SSF x Near_LoA	-9,2092894	-0,063	0,313
CHR3	24851927	CHR3:24851927	SSF x Near_LoA	-10,2208477	-0,040	0,285
CHR3	24851941	CHR3:24851941	SSF x Near_LoA	-9,70557126	0,007	0,294
CHR3	24852006	CHR3:24852006	SSF x Near_LoA	-9,88687284	-0,048	0,294
CHR3	24852020	CHR3:24852020	SSF x Near_LoA	-10,5180553	-0,007	0,285
CHR3	24852032	CHR3:24852032	SSF x Near_LoA	-10,6453599	-0,026	0,289
CHR3	24852059	CHR3:24852059	SSF x Near_LoA	-9,18421065	-0,039	0,305
CHR3	24852107	CHR3:24852107	SSF x Near_LoA	-11,4463531	0,036	0,303
CHR3	24852288	CHR3:24852288	SSF x Near_LoA	-8,20065237	-0,056	0,302
CHR3	24853957	CHR3:24853957	SSF x Near_LoA	-10,1605525	0,031	0,301
CHR3	24864957	CHR3:24864957	SSF x Near_LoA	-4,79910267	0,022	0,322
CHR3	24899667	CHR3:24899667	SSF x Near_LoA	0,69957652	0,054	0,309
CHR3	24899834	CHR3:24899834	SSF x Near_LoA	-8,86724922	-0,014	0,301
CHR3	24904418	CHR3:24904418	SSF x Near_LoA	-9,18975236	-0,036	0,308
CHR3	24905160	CHR3:24905160	SSF x Near_LoA	-7,64948023	0,083	0,311
CHR3	24905205	CHR3:24905205	SSF x Near_LoA	-4,5819641	0,162	0,294
CHR3	24912347	CHR3:24912347	SSF x Near_LoA	-8,72999074	0,005	0,322
CHR3	24912366	CHR3:24912366	SSF x Near_LoA	-9,84289094	-0,024	0,309
CHR3	24912389	CHR3:24912389	SSF x Near_LoA	-10,9718125	-0,053	0,291
CHR3	24912493	CHR3:24912493	SSF x Near_LoA	-10,1575521	-0,003	0,312
CHR3	24925500	CHR3:24925500	SSF x Near_LoA	-8,90347867	0,035	0,297
CHR3	24925517	CHR3:24925517	SSF x Near_LoA	-10,1309293	0,079	0,303
CHR3	24925541	CHR3:24925541	SSF x Near_LoA	-5,97883142	0,110	0,315
CHR3	24925586	CHR3:24925586	SSF x Near_LoA	-8,13526768	-0,092	0,298
CHR3	24925619	CHR3:24925619	SSF x Near_LoA	-9,2987913	-0,010	0,303
CHR3	24925667	CHR3:24925667	SSF x Near_LoA	-9,18246257	-0,090	0,311
CHR3	24925691	CHR3:24925691	SSF x Near_LoA	-8,7659964	-0,143	0,309
CHR3	24945979	CHR3:24945979	SSF x Near_LoA	-8,80599473	-0,017	0,316
CHR3	24948194	CHR3:24948194	SSF x Near_LoA	-10,6209082	0,033	0,310
CHR3	24948198	CHR3:24948198	SSF x Near_LoA	-9,0778238	0,057	0,299
CHR3	24948227	CHR3:24948227	SSF x Near_LoA	-9,35585847	0,025	0,317
CHR3	24948232	CHR3:24948232	SSF x Near_LoA	-8,24615252	-0,146	0,300
CHR3	24948239	CHR3:24948239	SSF x Near_LoA	-12,2930314	0,017	0,296
CHR3	24949171	CHR3:24949171	SSF x Near_LoA	-7,81366963	-0,179	0,300
CHR3	24949177	CHR3:24949177	SSF x Near_LoA	-5,94635299	0,171	0,297
CHR3	24949251	CHR3:24949251	SSF x Near_LoA	-9,05513187	-0,005	0,301
CHR3	24949261	CHR3:24949261	SSF x Near_LoA	-5,05434258	0,207	0,285
CHR3	2495029	CHR3:2495029	SSF x Near_LoA	-9,2630573	0,025	0,305
CHR3	24968675	CHR3:24968675	SSF x Near_LoA	-8,75128121	-0,051	0,299
CHR3	24984203	CHR3:24984203	SSF x Near_LoA	-8,93629772	0,007	0,311
CHR3	24984223	CHR3:24984223	SSF x Near_LoA	-9,66368034	-0,009	0,307
CHR3	24984256	CHR3:24984256	SSF x Near_LoA	-9,17832199	0,033	0,312
CHR3	24985412	CHR3:24985412	SSF x Near_LoA	-9,77525429	-0,107	0,309
CHR3	24988833	CHR3:24988833	SSF x Near_LoA	-10,8609105	-0,064	0,320
CHR3	25008293	CHR3:25008293	SSF x Near_LoA	-9,23444689	0,011	0,307
CHR3	25016403	CHR3:25016403	SSF x Near_LoA	-9,49424891	0,046	0,306
CHR3	25018042	CHR3:25018042	SSF x Near_LoA	-8,75066017	0,025	0,298
CHR3	25018091	CHR3:25018091	SSF x Near_LoA	-9,4091931	-0,108	0,309
CHR3	2504457	CHR3:2504457	SSF x Near_LoA	-10,6386343	-0,001	0,306
CHR3	25052121	CHR3:25052121	SSF x Near_LoA	-10,9694572	0,026	0,312
CHR3	25059625	CHR3:25059625	SSF x Near_LoA	-9,18450448	0,046	0,300
CHR3	25059804	CHR3:25059804	SSF x Near_LoA	-8,6937066	0,048	0,310

CHR3	25059825	CHR3:25059825	SSF x Near_LoA	-8,18327883	0,067	0,306
CHR3	25073453	CHR3:25073453	SSF x Near_LoA	-11,4432425	0,050	0,298
CHR3	25073460	CHR3:25073460	SSF x Near_LoA	-0,05131506	-0,056	0,304
CHR3	25073537	CHR3:25073537	SSF x Near_LoA	-10,0371936	0,061	0,297
CHR3	25073564	CHR3:25073564	SSF x Near_LoA	-9,38996716	0,006	0,322
CHR3	25073640	CHR3:25073640	SSF x Near_LoA	-5,20267336	-0,075	0,322
CHR3	2507585	CHR3:2507585	SSF x Near_LoA	-9,74180999	0,068	0,303
CHR3	2507587	CHR3:2507587	SSF x Near_LoA	-6,6546083	0,144	0,311
CHR3	2507623	CHR3:2507623	SSF x Near_LoA	-9,39162077	-0,088	0,309
CHR3	2507845	CHR3:2507845	SSF x Near_LoA	-8,53173433	-0,057	0,313
CHR3	250821	CHR3:250821	SSF x Near_LoA	-5,48318369	-0,066	0,317
CHR3	25083301	CHR3:25083301	SSF x Near_LoA	-9,24043315	-0,024	0,308
CHR3	25083333	CHR3:25083333	SSF x Near_LoA	-7,67045187	0,017	0,320
CHR3	25083487	CHR3:25083487	SSF x Near_LoA	-2,74029166	0,169	0,302
CHR3	250837	CHR3:250837	SSF x Near_LoA	-7,7924216	-0,108	0,309
CHR3	25084714	CHR3:25084714	SSF x Near_LoA	-8,53625044	0,075	0,295
CHR3	25084728	CHR3:25084728	SSF x Near_LoA	-8,80255966	-0,024	0,298
CHR3	25084860	CHR3:25084860	SSF x Near_LoA	-8,35809033	0,041	0,303
CHR3	25084900	CHR3:25084900	SSF x Near_LoA	-6,91448134	-0,060	0,301
CHR3	25097590	CHR3:25097590	SSF x Near_LoA	-8,13726972	-0,143	0,304
CHR3	25097651	CHR3:25097651	SSF x Near_LoA	-7,3463741	0,000	0,309
CHR3	25097695	CHR3:25097695	SSF x Near_LoA	-8,59674326	-0,012	0,303
CHR3	25097711	CHR3:25097711	SSF x Near_LoA	-5,4725304	0,072	0,301
CHR3	251048	CHR3:251048	SSF x Near_LoA	-7,94494667	0,130	0,304
CHR3	25126572	CHR3:25126572	SSF x Near_LoA	-8,80889786	0,162	0,290
CHR3	25143788	CHR3:25143788	SSF x Near_LoA	-8,75075219	0,032	0,292
CHR3	25143959	CHR3:25143959	SSF x Near_LoA	-9,4862323	-0,065	0,313
CHR3	2514783	CHR3:2514783	SSF x Near_LoA	-5,66301843	0,020	0,310
CHR3	2514816	CHR3:2514816	SSF x Near_LoA	-9,18636733	-0,082	0,293
CHR3	25162387	CHR3:25162387	SSF x Near_LoA	-7,84889451	-0,029	0,304
CHR3	25168073	CHR3:25168073	SSF x Near_LoA	-10,4968168	0,000	0,305
CHR3	25168190	CHR3:25168190	SSF x Near_LoA	-6,61055992	-0,228	0,287
CHR3	25174763	CHR3:25174763	SSF x Near_LoA	-8,88951238	0,064	0,308
CHR3	25176629	CHR3:25176629	SSF x Near_LoA	-9,45960928	-0,017	0,304
CHR3	25182273	CHR3:25182273	SSF x Near_LoA	-7,44399765	-0,030	0,320
CHR3	25184091	CHR3:25184091	SSF x Near_LoA	-7,25321393	0,044	0,300
CHR3	25184138	CHR3:25184138	SSF x Near_LoA	-9,53322623	0,052	0,298
CHR3	25194461	CHR3:25194461	SSF x Near_LoA	-10,0481953	0,075	0,290
CHR3	25194463	CHR3:25194463	SSF x Near_LoA	-7,96595365	0,049	0,303
CHR3	25194486	CHR3:25194486	SSF x Near_LoA	-9,88416071	0,038	0,314
CHR3	25194521	CHR3:25194521	SSF x Near_LoA	-11,2746135	-0,069	0,295
CHR3	2519932	CHR3:2519932	SSF x Near_LoA	-9,47042659	0,017	0,311
CHR3	2520060	CHR3:2520060	SSF x Near_LoA	17,6725054	0,080	0,303
CHR3	2520071	CHR3:2520071	SSF x Near_LoA	-10,6059434	-0,141	0,300
CHR3	25201056	CHR3:25201056	SSF x Near_LoA	-6,03894427	0,108	0,298
CHR3	2520113	CHR3:2520113	SSF x Near_LoA	-8,24016622	-0,204	0,294
CHR3	25223865	CHR3:25223865	SSF x Near_LoA	-8,72589801	0,095	0,314
CHR3	25223886	CHR3:25223886	SSF x Near_LoA	-8,08841196	0,076	0,322
CHR3	25223899	CHR3:25223899	SSF x Near_LoA	-9,3039675	0,109	0,314
CHR3	25223909	CHR3:25223909	SSF x Near_LoA	-6,87381071	0,108	0,311
CHR3	25223947	CHR3:25223947	SSF x Near_LoA	-9,52609936	0,084	0,312
CHR3	25223948	CHR3:25223948	SSF x Near_LoA	-7,06441274	0,104	0,294
CHR3	25223960	CHR3:25223960	SSF x Near_LoA	-8,71493325	-0,036	0,312

CHR3	25224043	CHR3:25224043	SSF x Near_LoA	-9,62273183	-0,059	0,302
CHR3	25248842	CHR3:25248842	SSF x Near_LoA	-11,7754941	-0,010	0,301
CHR3	25248847	CHR3:25248847	SSF x Near_LoA	-12,0534717	-0,092	0,298
CHR3	25248941	CHR3:25248941	SSF x Near_LoA	-10,7317516	-0,056	0,302
CHR3	25249016	CHR3:25249016	SSF x Near_LoA	-7,3335255	0,116	0,310
CHR3	2524992	CHR3:2524992	SSF x Near_LoA	-7,07584418	0,003	0,311
CHR3	2525032	CHR3:2525032	SSF x Near_LoA	-11,1475248	-0,089	0,319
CHR3	2525332	CHR3:2525332	SSF x Near_LoA	-9,10681122	-0,029	0,311
CHR3	25254356	CHR3:25254356	SSF x Near_LoA	-10,4788054	0,131	0,308
CHR3	25254498	CHR3:25254498	SSF x Near_LoA	-5,94588564	-0,172	0,308
CHR3	25273817	CHR3:25273817	SSF x Near_LoA	-5,69428115	0,149	0,297
CHR3	25282318	CHR3:25282318	SSF x Near_LoA	-10,2449458	-0,077	0,300
CHR3	25282326	CHR3:25282326	SSF x Near_LoA	-9,9145061	0,129	0,310
CHR3	25284917	CHR3:25284917	SSF x Near_LoA	-8,37859237	0,090	0,313
CHR3	25284996	CHR3:25284996	SSF x Near_LoA	-8,17687565	0,146	0,297
CHR3	25285021	CHR3:25285021	SSF x Near_LoA	-8,65340106	0,078	0,306
CHR3	25303817	CHR3:25303817	SSF x Near_LoA	-5,51658292	0,062	0,303
CHR3	25303832	CHR3:25303832	SSF x Near_LoA	-8,49604964	0,052	0,316
CHR3	25303876	CHR3:25303876	SSF x Near_LoA	-7,92832441	0,083	0,308
CHR3	25303889	CHR3:25303889	SSF x Near_LoA	-8,84301552	0,023	0,304
CHR3	25303896	CHR3:25303896	SSF x Near_LoA	-8,25657484	-0,027	0,312
CHR3	25310121	CHR3:25310121	SSF x Near_LoA	-8,61057872	-0,096	0,286
CHR3	25310126	CHR3:25310126	SSF x Near_LoA	-8,38997705	-0,070	0,286
CHR3	25310154	CHR3:25310154	SSF x Near_LoA	-8,19491453	0,090	0,282
CHR3	25310155	CHR3:25310155	SSF x Near_LoA	-8,6009761	-0,087	0,290
CHR3	25322387	CHR3:25322387	SSF x Near_LoA	-11,6137551	-0,013	0,306
CHR3	25322543	CHR3:25322543	SSF x Near_LoA	-10,5963549	0,053	0,308
CHR3	25322562	CHR3:25322562	SSF x Near_LoA	1,95849828	0,048	0,333
CHR3	25322587	CHR3:25322587	SSF x Near_LoA	-7,48746339	0,163	0,306
CHR3	25324984	CHR3:25324984	SSF x Near_LoA	-5,70281421	-0,174	0,296
CHR3	25326978	CHR3:25326978	SSF x Near_LoA	-8,23929758	-0,149	0,307
CHR3	25331453	CHR3:25331453	SSF x Near_LoA	-9,57752858	-0,071	0,308
CHR3	25331539	CHR3:25331539	SSF x Near_LoA	-10,0092947	-0,019	0,308
CHR3	25331541	CHR3:25331541	SSF x Near_LoA	-10,6841473	-0,019	0,300
CHR3	25335753	CHR3:25335753	SSF x Near_LoA	-11,2505029	0,060	0,306
CHR3	25338002	CHR3:25338002	SSF x Near_LoA	-9,74992599	0,118	0,303
CHR3	25342859	CHR3:25342859	SSF x Near_LoA	-9,11383554	0,043	0,318
CHR3	25342863	CHR3:25342863	SSF x Near_LoA	-11,21642	-0,038	0,313
CHR3	25342889	CHR3:25342889	SSF x Near_LoA	-8,4912188	-0,105	0,312
CHR3	25345934	CHR3:25345934	SSF x Near_LoA	-8,8819329	-0,027	0,314
CHR3	25353716	CHR3:25353716	SSF x Near_LoA	-10,2386722	0,106	0,306
CHR3	25357524	CHR3:25357524	SSF x Near_LoA	-6,63324813	-0,057	0,314
CHR3	25357532	CHR3:25357532	SSF x Near_LoA	-9,49400029	-0,076	0,321
CHR3	25357573	CHR3:25357573	SSF x Near_LoA	-8,96013378	-0,010	0,307
CHR3	25357576	CHR3:25357576	SSF x Near_LoA	-10,5420498	0,056	0,314
CHR3	25359183	CHR3:25359183	SSF x Near_LoA	-8,90017418	0,015	0,313
CHR3	25360959	CHR3:25360959	SSF x Near_LoA	-8,31124108	0,147	0,302
CHR3	25361007	CHR3:25361007	SSF x Near_LoA	-9,22362443	0,065	0,300
CHR3	25365343	CHR3:25365343	SSF x Near_LoA	-10,1923037	-0,067	0,298
CHR3	25365365	CHR3:25365365	SSF x Near_LoA	-8,24186039	0,087	0,310
CHR3	25365397	CHR3:25365397	SSF x Near_LoA	-10,0893925	-0,062	0,296
CHR3	25365409	CHR3:25365409	SSF x Near_LoA	-11,3352592	-0,046	0,290
CHR3	25365410	CHR3:25365410	SSF x Near_LoA	-10,519205	-0,036	0,303

CHR3	25365423	CHR3:25365423	SSF x Near_LoA	-6,05469453	0,092	0,304
CHR3	25365432	CHR3:25365432	SSF x Near_LoA	-4,79064148	0,154	0,308
CHR3	25365446	CHR3:25365446	SSF x Near_LoA	-7,80740405	-0,068	0,321
CHR3	25365733	CHR3:25365733	SSF x Near_LoA	-10,224972	0,056	0,306
CHR3	25365783	CHR3:25365783	SSF x Near_LoA	-6,8382623	0,104	0,322
CHR3	25367119	CHR3:25367119	SSF x Near_LoA	-10,7940909	-0,065	0,305
CHR3	25367133	CHR3:25367133	SSF x Near_LoA	-10,5417404	-0,110	0,296
CHR3	2536936	CHR3:2536936	SSF x Near_LoA	-11,0419669	-0,082	0,311
CHR3	2536959	CHR3:2536959	SSF x Near_LoA	-9,29532311	-0,135	0,304
CHR3	2536976	CHR3:2536976	SSF x Near_LoA	-10,2556636	-0,077	0,311
CHR3	25370019	CHR3:25370019	SSF x Near_LoA	-10,148408	0,052	0,292
CHR3	2537013	CHR3:2537013	SSF x Near_LoA	-11,5587166	-0,026	0,298
CHR3	2537025	CHR3:2537025	SSF x Near_LoA	-8,12711044	0,069	0,299
CHR3	25370453	CHR3:25370453	SSF x Near_LoA	-8,35196201	0,013	0,313
CHR3	25370545	CHR3:25370545	SSF x Near_LoA	-10,1309324	-0,030	0,303
CHR3	2537081	CHR3:2537081	SSF x Near_LoA	-9,56139364	-0,071	0,295
CHR3	25374564	CHR3:25374564	SSF x Near_LoA	-9,97726475	0,043	0,316
CHR3	25374591	CHR3:25374591	SSF x Near_LoA	-9,74904085	-0,018	0,306
CHR3	25374592	CHR3:25374592	SSF x Near_LoA	-12,2940405	-0,014	0,302
CHR3	25374634	CHR3:25374634	SSF x Near_LoA	-7,23540618	0,017	0,313
CHR3	25374662	CHR3:25374662	SSF x Near_LoA	-4,12666331	0,043	0,318
CHR3	2538992	CHR3:2538992	SSF x Near_LoA	-7,42985705	0,123	0,291
CHR3	25397972	CHR3:25397972	SSF x Near_LoA	-6,50609673	-0,142	0,298
CHR3	25400759	CHR3:25400759	SSF x Near_LoA	-8,84981696	-0,036	0,318
CHR3	25400760	CHR3:25400760	SSF x Near_LoA	-9,3900684	-0,018	0,310
CHR3	25405107	CHR3:25405107	SSF x Near_LoA	-10,5307603	-0,039	0,310
CHR3	25405138	CHR3:25405138	SSF x Near_LoA	-7,59132113	-0,099	0,299
CHR3	25405142	CHR3:25405142	SSF x Near_LoA	-10,0691212	-0,037	0,316
CHR3	25408312	CHR3:25408312	SSF x Near_LoA	-8,93497711	0,083	0,295
CHR3	25408426	CHR3:25408426	SSF x Near_LoA	-6,03363053	0,056	0,305
CHR3	25408434	CHR3:25408434	SSF x Near_LoA	-8,2062679	0,070	0,319
CHR3	25411545	CHR3:25411545	SSF x Near_LoA	-10,0467064	-0,031	0,301
CHR3	25411563	CHR3:25411563	SSF x Near_LoA	-7,78167023	-0,063	0,310
CHR3	25411574	CHR3:25411574	SSF x Near_LoA	-9,90760094	-0,058	0,308
CHR3	25411575	CHR3:25411575	SSF x Near_LoA	-9,83450948	-0,010	0,312
CHR3	25411646	CHR3:25411646	SSF x Near_LoA	-7,54335306	-0,054	0,313
CHR3	25411655	CHR3:25411655	SSF x Near_LoA	-10,026509	0,073	0,311
CHR3	25411656	CHR3:25411656	SSF x Near_LoA	-7,57581683	0,049	0,306
CHR3	25411672	CHR3:25411672	SSF x Near_LoA	-9,9759954	-0,058	0,303
CHR3	25411681	CHR3:25411681	SSF x Near_LoA	-9,819886	0,077	0,303
CHR3	25411690	CHR3:25411690	SSF x Near_LoA	-2,04189097	-0,060	0,294
CHR3	25411711	CHR3:25411711	SSF x Near_LoA	-10,3928559	0,063	0,312
CHR3	25411733	CHR3:25411733	SSF x Near_LoA	-1,54968358	0,083	0,325
CHR3	25411740	CHR3:25411740	SSF x Near_LoA	-6,6925434	-0,023	0,312
CHR3	25411744	CHR3:25411744	SSF x Near_LoA	-7,52517865	-0,089	0,312
CHR3	2542500	CHR3:2542500	SSF x Near_LoA	-11,3629422	0,063	0,295
CHR3	2542523	CHR3:2542523	SSF x Near_LoA	-9,47859385	-0,124	0,308
CHR3	2542558	CHR3:2542558	SSF x Near_LoA	-9,01423435	-0,142	0,318
CHR3	2542561	CHR3:2542561	SSF x Near_LoA	-3,92261244	0,219	0,287
CHR3	2542611	CHR3:2542611	SSF x Near_LoA	-8,83815973	-0,050	0,316
CHR3	25426188	CHR3:25426188	SSF x Near_LoA	-9,63128423	0,100	0,303
CHR3	25426214	CHR3:25426214	SSF x Near_LoA	-9,44610388	0,100	0,296
CHR3	25426222	CHR3:25426222	SSF x Near_LoA	-8,26337229	-0,112	0,303

CHR3	25426323	CHR3:25426323	SSF x Near_LoA	-10,3597354	0,104	0,300
CHR3	25426338	CHR3:25426338	SSF x Near_LoA	-9,96694255	0,175	0,296
CHR3	25426345	CHR3:25426345	SSF x Near_LoA	-10,0801795	0,139	0,311
CHR3	25426346	CHR3:25426346	SSF x Near_LoA	-7,35129192	0,145	0,303
CHR3	25426382	CHR3:25426382	SSF x Near_LoA	-10,193752	-0,057	0,320
CHR3	25426388	CHR3:25426388	SSF x Near_LoA	-8,38914898	0,081	0,307
CHR3	25441616	CHR3:25441616	SSF x Near_LoA	-9,53098783	-0,002	0,317
CHR3	25445802	CHR3:25445802	SSF x Near_LoA	-8,55212098	0,076	0,304
CHR3	25445808	CHR3:25445808	SSF x Near_LoA	-10,5087325	0,049	0,306
CHR3	25445843	CHR3:25445843	SSF x Near_LoA	-4,31924353	0,068	0,309
CHR3	25445848	CHR3:25445848	SSF x Near_LoA	-8,65017886	0,059	0,296
CHR3	25446308	CHR3:25446308	SSF x Near_LoA	-8,47463634	-0,022	0,309
CHR3	25446322	CHR3:25446322	SSF x Near_LoA	-7,9242667	0,014	0,307
CHR3	25446402	CHR3:25446402	SSF x Near_LoA	-8,43302346	0,044	0,305
CHR3	25450600	CHR3:25450600	SSF x Near_LoA	-8,66296137	-0,015	0,318
CHR3	25450772	CHR3:25450772	SSF x Near_LoA	-8,5033795	-0,047	0,301
CHR3	25450773	CHR3:25450773	SSF x Near_LoA	-10,2133581	0,020	0,308
CHR3	2545684	CHR3:2545684	SSF x Near_LoA	-10,6678488	-0,026	0,305
CHR3	2545702	CHR3:2545702	SSF x Near_LoA	-9,91339528	-0,113	0,308
CHR3	25457499	CHR3:25457499	SSF x Near_LoA	-10,8935865	0,083	0,303
CHR3	25457556	CHR3:25457556	SSF x Near_LoA	-6,83112117	-0,084	0,291
CHR3	25457624	CHR3:25457624	SSF x Near_LoA	-9,24253431	0,080	0,306
CHR3	25457723	CHR3:25457723	SSF x Near_LoA	-4,51673338	-0,045	0,315
CHR3	2545773	CHR3:2545773	SSF x Near_LoA	-12,2040439	0,056	0,305
CHR3	25457769	CHR3:25457769	SSF x Near_LoA	-6,44276033	-0,062	0,296
CHR3	2545805	CHR3:2545805	SSF x Near_LoA	-9,93761076	-0,021	0,313
CHR3	2545829	CHR3:2545829	SSF x Near_LoA	-11,0348966	0,056	0,289
CHR3	2545895	CHR3:2545895	SSF x Near_LoA	-10,944719	-0,024	0,310
CHR3	25462472	CHR3:25462472	SSF x Near_LoA	-10,5692525	0,023	0,309
CHR3	25462473	CHR3:25462473	SSF x Near_LoA	-11,8793575	0,058	0,299
CHR3	25462507	CHR3:25462507	SSF x Near_LoA	-11,4101327	0,071	0,290
CHR3	25462644	CHR3:25462644	SSF x Near_LoA	-9,73936275	-0,030	0,321
CHR3	25462768	CHR3:25462768	SSF x Near_LoA	-7,83398741	0,052	0,292
CHR3	25472789	CHR3:25472789	SSF x Near_LoA	-9,97383588	0,054	0,304
CHR3	25474564	CHR3:25474564	SSF x Near_LoA	-8,53179544	0,019	0,294
CHR3	25474574	CHR3:25474574	SSF x Near_LoA	-9,72922019	0,059	0,306
CHR3	25474673	CHR3:25474673	SSF x Near_LoA	-7,15633331	-0,064	0,318
CHR3	25487369	CHR3:25487369	SSF x Near_LoA	-6,03194051	-0,051	0,313
CHR3	25487385	CHR3:25487385	SSF x Near_LoA	-9,57421925	-0,006	0,309
CHR3	25487386	CHR3:25487386	SSF x Near_LoA	-9,10225018	0,006	0,319
CHR3	25487387	CHR3:25487387	SSF x Near_LoA	-9,44106996	-0,012	0,315
CHR3	25487446	CHR3:25487446	SSF x Near_LoA	-8,00740613	0,065	0,292
CHR3	25487463	CHR3:25487463	SSF x Near_LoA	-9,35904885	-0,081	0,314
CHR3	25487559	CHR3:25487559	SSF x Near_LoA	-8,34335817	0,082	0,313
CHR3	25487580	CHR3:25487580	SSF x Near_LoA	-6,34772234	0,085	0,299
CHR3	25492333	CHR3:25492333	SSF x Near_LoA	-7,34325145	0,216	0,298
CHR3	25494606	CHR3:25494606	SSF x Near_LoA	-10,2625441	-0,064	0,302
CHR3	25497058	CHR3:25497058	SSF x Near_LoA	-5,53011189	-0,036	0,296
CHR3	25497193	CHR3:25497193	SSF x Near_LoA	-9,45886444	-0,048	0,311
CHR3	25497251	CHR3:25497251	SSF x Near_LoA	-10,0940042	0,035	0,316
CHR3	25497260	CHR3:25497260	SSF x Near_LoA	-9,23208826	0,095	0,303
CHR3	25499175	CHR3:25499175	SSF x Near_LoA	-10,8609142	-0,008	0,305
CHR3	25499178	CHR3:25499178	SSF x Near_LoA	-4,69239811	-0,009	0,311

CHR3	25499436	CHR3:25499436	SSF x Near_LoA	-6,65257575	-0,031	0,314
CHR3	25500549	CHR3:25500549	SSF x Near_LoA	-10,2650261	0,019	0,304
CHR3	25510131	CHR3:25510131	SSF x Near_LoA	-7,0476492	0,039	0,312
CHR3	25518733	CHR3:25518733	SSF x Near_LoA	-7,42808843	0,049	0,319
CHR3	25520539	CHR3:25520539	SSF x Near_LoA	-9,05829512	0,077	0,299
CHR3	25520678	CHR3:25520678	SSF x Near_LoA	-9,57901992	0,141	0,299
CHR3	25539098	CHR3:25539098	SSF x Near_LoA	-10,675758	0,020	0,301
CHR3	25541020	CHR3:25541020	SSF x Near_LoA	-10,0190058	0,003	0,310
CHR3	25541159	CHR3:25541159	SSF x Near_LoA	-10,1065877	-0,042	0,303
CHR3	25544187	CHR3:25544187	SSF x Near_LoA	-5,5827131	0,167	0,310
CHR3	25544212	CHR3:25544212	SSF x Near_LoA	-9,36466863	0,127	0,313
CHR3	25544221	CHR3:25544221	SSF x Near_LoA	-0,28808646	0,193	0,286
CHR3	2554577	CHR3:2554577	SSF x Near_LoA	-9,85051809	0,056	0,308
CHR3	25550909	CHR3:25550909	SSF x Near_LoA	-10,426381	0,049	0,310
CHR3	25550935	CHR3:25550935	SSF x Near_LoA	-10,7243938	0,042	0,310
CHR3	25552834	CHR3:25552834	SSF x Near_LoA	-8,20650726	-0,014	0,295
CHR3	25555291	CHR3:25555291	SSF x Near_LoA	-9,37329429	0,039	0,305
CHR3	25555292	CHR3:25555292	SSF x Near_LoA	-9,70270298	0,032	0,307
CHR3	25555299	CHR3:25555299	SSF x Near_LoA	-6,06615907	0,053	0,306
CHR3	25555353	CHR3:25555353	SSF x Near_LoA	-10,6276876	0,032	0,305
CHR3	25555388	CHR3:25555388	SSF x Near_LoA	-9,63373774	0,068	0,308
CHR3	25555464	CHR3:25555464	SSF x Near_LoA	-8,77830554	-0,063	0,304
CHR3	25557426	CHR3:25557426	SSF x Near_LoA	-10,5268994	0,078	0,304
CHR3	25557434	CHR3:25557434	SSF x Near_LoA	-7,59246758	-0,149	0,284
CHR3	25560584	CHR3:25560584	SSF x Near_LoA	-10,7561012	-0,010	0,311
CHR3	25565994	CHR3:25565994	SSF x Near_LoA	-11,2464219	-0,034	0,311
CHR3	25576842	CHR3:25576842	SSF x Near_LoA	-8,37629125	-0,002	0,313
CHR3	25584663	CHR3:25584663	SSF x Near_LoA	-8,18236135	-0,070	0,303
CHR3	25592539	CHR3:25592539	SSF x Near_LoA	-10,9604726	-0,049	0,300
CHR3	25592565	CHR3:25592565	SSF x Near_LoA	-10,3340857	-0,043	0,303
CHR3	25592659	CHR3:25592659	SSF x Near_LoA	-10,4189299	-0,040	0,308
CHR3	25592712	CHR3:25592712	SSF x Near_LoA	-7,48351056	0,018	0,316
CHR3	25592797	CHR3:25592797	SSF x Near_LoA	-9,07324152	-0,010	0,303
CHR3	25602702	CHR3:25602702	SSF x Near_LoA	-8,48086277	0,078	0,314
CHR3	25608071	CHR3:25608071	SSF x Near_LoA	-6,61638578	0,116	0,309
CHR3	25608843	CHR3:25608843	SSF x Near_LoA	-2,32148208	0,171	0,302
CHR3	25608900	CHR3:25608900	SSF x Near_LoA	-8,53585809	-0,086	0,310
CHR3	25615525	CHR3:25615525	SSF x Near_LoA	-7,06832862	0,127	0,299
CHR3	25615536	CHR3:25615536	SSF x Near_LoA	-4,89313105	-0,074	0,307
CHR3	25615558	CHR3:25615558	SSF x Near_LoA	-8,46960746	-0,062	0,319
CHR3	25617896	CHR3:25617896	SSF x Near_LoA	2,22902286	-0,041	0,310
CHR3	25625161	CHR3:25625161	SSF x Near_LoA	-10,0695978	0,015	0,301
CHR3	25625221	CHR3:25625221	SSF x Near_LoA	-6,29332295	0,009	0,305
CHR3	25625231	CHR3:25625231	SSF x Near_LoA	-8,71204806	0,002	0,325
CHR3	25625238	CHR3:25625238	SSF x Near_LoA	-8,97911276	0,023	0,310
CHR3	25626540	CHR3:25626540	SSF x Near_LoA	-9,18100182	0,034	0,316
CHR3	25626578	CHR3:25626578	SSF x Near_LoA	-11,0064384	-0,141	0,298
CHR3	25642407	CHR3:25642407	SSF x Near_LoA	-2,23652055	-0,104	0,312
CHR3	25642454	CHR3:25642454	SSF x Near_LoA	-10,7135001	0,078	0,305
CHR3	2564441	CHR3:2564441	SSF x Near_LoA	-5,01124076	0,079	0,302
CHR3	25645252	CHR3:25645252	SSF x Near_LoA	-9,10986905	-0,015	0,312
CHR3	25645274	CHR3:25645274	SSF x Near_LoA	-8,95855304	0,019	0,315
CHR3	25646612	CHR3:25646612	SSF x Near_LoA	-7,62667255	0,090	0,314

CHR3	25663917	CHR3:25663917	SSF x Near_LoA	-8,33866394	-0,043	0,306
CHR3	25665315	CHR3:25665315	SSF x Near_LoA	-4,91110776	0,033	0,309
CHR3	25718922	CHR3:25718922	SSF x Near_LoA	-11,2641915	-0,007	0,316
CHR3	25719019	CHR3:25719019	SSF x Near_LoA	-9,12542629	0,005	0,307
CHR3	25736962	CHR3:25736962	SSF x Near_LoA	-11,043899	0,002	0,303
CHR3	25737001	CHR3:25737001	SSF x Near_LoA	-7,95791262	0,026	0,306
CHR3	25744101	CHR3:25744101	SSF x Near_LoA	-9,53041887	-0,036	0,302
CHR3	25746158	CHR3:25746158	SSF x Near_LoA	-9,83188798	-0,072	0,307
CHR3	25746263	CHR3:25746263	SSF x Near_LoA	-9,23203508	0,065	0,310
CHR3	25755964	CHR3:25755964	SSF x Near_LoA	-8,53487755	0,027	0,318
CHR3	25771028	CHR3:25771028	SSF x Near_LoA	-7,59279793	-0,025	0,317
CHR3	2577574	CHR3:2577574	SSF x Near_LoA	-8,84930178	0,058	0,315
CHR3	25778577	CHR3:25778577	SSF x Near_LoA	-9,35589009	-0,031	0,299
CHR3	25778655	CHR3:25778655	SSF x Near_LoA	-9,45258914	-0,098	0,318
CHR3	25778664	CHR3:25778664	SSF x Near_LoA	-8,54980779	-0,110	0,307
CHR3	25778703	CHR3:25778703	SSF x Near_LoA	-11,2345492	0,062	0,308
CHR3	25782962	CHR3:25782962	SSF x Near_LoA	-8,73142051	0,050	0,294
CHR3	25782980	CHR3:25782980	SSF x Near_LoA	-10,0778828	-0,040	0,319
CHR3	25782993	CHR3:25782993	SSF x Near_LoA	-11,113518	0,103	0,295
CHR3	25783078	CHR3:25783078	SSF x Near_LoA	-9,10766554	-0,005	0,309
CHR3	25792385	CHR3:25792385	SSF x Near_LoA	-10,6654407	-0,015	0,298
CHR3	25792423	CHR3:25792423	SSF x Near_LoA	-7,69593901	-0,021	0,315
CHR3	25792587	CHR3:25792587	SSF x Near_LoA	-9,5368543	-0,030	0,303
CHR3	25795121	CHR3:25795121	SSF x Near_LoA	-2,24059722	0,207	0,293
CHR3	25795236	CHR3:25795236	SSF x Near_LoA	-7,05672201	-0,165	0,311
CHR3	25795288	CHR3:25795288	SSF x Near_LoA	-5,27682101	0,226	0,286
CHR3	25795299	CHR3:25795299	SSF x Near_LoA	-9,14975161	-0,125	0,295
CHR3	25795309	CHR3:25795309	SSF x Near_LoA	-9,40233338	-0,082	0,295
CHR3	25795322	CHR3:25795322	SSF x Near_LoA	-10,8705273	0,050	0,305
CHR3	25795391	CHR3:25795391	SSF x Near_LoA	-10,7333392	-0,072	0,306
CHR3	25804020	CHR3:25804020	SSF x Near_LoA	-10,1088816	0,014	0,302
CHR3	2581321	CHR3:2581321	SSF x Near_LoA	-10,9844652	0,000	0,292
CHR3	2582723	CHR3:2582723	SSF x Near_LoA	-11,3311796	0,052	0,303
CHR3	2582900	CHR3:2582900	SSF x Near_LoA	-9,88522543	-0,020	0,316
CHR3	25835754	CHR3:25835754	SSF x Near_LoA	-4,27633432	-0,072	0,302
CHR3	25835777	CHR3:25835777	SSF x Near_LoA	-8,90742004	-0,121	0,301
CHR3	25835795	CHR3:25835795	SSF x Near_LoA	-8,18020223	-0,073	0,309
CHR3	25835806	CHR3:25835806	SSF x Near_LoA	-6,57534816	-0,153	0,298
CHR3	25835918	CHR3:25835918	SSF x Near_LoA	-8,18577153	-0,061	0,306
CHR3	25835920	CHR3:25835920	SSF x Near_LoA	-1,95288619	-0,123	0,308
CHR3	25835934	CHR3:25835934	SSF x Near_LoA	-8,31123865	0,018	0,312
CHR3	25835955	CHR3:25835955	SSF x Near_LoA	-9,02966108	0,007	0,306
CHR3	25835964	CHR3:25835964	SSF x Near_LoA	-4,20694329	-0,119	0,297
CHR3	25835977	CHR3:25835977	SSF x Near_LoA	-8,57819145	-0,116	0,301
CHR3	25846213	CHR3:25846213	SSF x Near_LoA	-8,61986633	-0,017	0,295
CHR3	25846214	CHR3:25846214	SSF x Near_LoA	-11,0005241	-0,094	0,282
CHR3	25846220	CHR3:25846220	SSF x Near_LoA	-8,82673237	0,010	0,296
CHR3	25847736	CHR3:25847736	SSF x Near_LoA	-8,15901172	-0,034	0,315
CHR3	25847805	CHR3:25847805	SSF x Near_LoA	-1,87676329	0,084	0,313
CHR3	25847824	CHR3:25847824	SSF x Near_LoA	-11,3219682	0,065	0,309
CHR3	25847825	CHR3:25847825	SSF x Near_LoA	-9,60891956	-0,064	0,310
CHR3	2584809	CHR3:2584809	SSF x Near_LoA	-10,1131104	-0,007	0,313
CHR3	2584823	CHR3:2584823	SSF x Near_LoA	-10,9171083	0,018	0,308

CHR3	2584824	CHR3:2584824	SSF x Near_LoA	-9,93311578	0,046	0,334
CHR3	2584876	CHR3:2584876	SSF x Near_LoA	-8,40862954	-0,010	0,325
CHR3	25854691	CHR3:25854691	SSF x Near_LoA	-9,60820455	0,095	0,317
CHR3	25854695	CHR3:25854695	SSF x Near_LoA	-9,03244333	0,049	0,318
CHR3	25856895	CHR3:25856895	SSF x Near_LoA	-11,5686932	-0,003	0,314
CHR3	25856896	CHR3:25856896	SSF x Near_LoA	-10,616256	-0,007	0,304
CHR3	25878380	CHR3:25878380	SSF x Near_LoA	-11,5170216	-0,031	0,314
CHR3	25890963	CHR3:25890963	SSF x Near_LoA	-9,23804295	-0,029	0,298
CHR3	25891099	CHR3:25891099	SSF x Near_LoA	-8,00496086	0,064	0,311
CHR3	25895809	CHR3:25895809	SSF x Near_LoA	-10,8504279	0,011	0,297
CHR3	25896893	CHR3:25896893	SSF x Near_LoA	-7,13873287	-0,055	0,309
CHR3	25901255	CHR3:25901255	SSF x Near_LoA	-9,17799214	-0,132	0,296
CHR3	25908850	CHR3:25908850	SSF x Near_LoA	1,4687466	0,185	0,304
CHR3	25908853	CHR3:25908853	SSF x Near_LoA	-8,71055933	0,022	0,312
CHR3	25918564	CHR3:25918564	SSF x Near_LoA	-10,0647187	-0,157	0,295
CHR3	25923287	CHR3:25923287	SSF x Near_LoA	-8,82051306	-0,012	0,313
CHR3	25923288	CHR3:25923288	SSF x Near_LoA	-9,60854052	-0,026	0,304
CHR3	2593061	CHR3:2593061	SSF x Near_LoA	-8,53868738	0,019	0,308
CHR3	25939155	CHR3:25939155	SSF x Near_LoA	-10,3311056	-0,058	0,304
CHR3	25939160	CHR3:25939160	SSF x Near_LoA	-8,15820025	-0,074	0,324
CHR3	25942319	CHR3:25942319	SSF x Near_LoA	-8,6939342	0,077	0,320
CHR3	25942440	CHR3:25942440	SSF x Near_LoA	-9,26830112	0,033	0,300
CHR3	25942482	CHR3:25942482	SSF x Near_LoA	-11,0335479	0,002	0,307
CHR3	25952159	CHR3:25952159	SSF x Near_LoA	-9,06863855	-0,015	0,301
CHR3	25952185	CHR3:25952185	SSF x Near_LoA	-7,6741246	-0,020	0,298
CHR3	25952195	CHR3:25952195	SSF x Near_LoA	-5,78611756	-0,046	0,323
CHR3	25952281	CHR3:25952281	SSF x Near_LoA	-10,1525978	0,021	0,306
CHR3	25956311	CHR3:25956311	SSF x Near_LoA	-9,48628758	-0,032	0,313
CHR3	25956350	CHR3:25956350	SSF x Near_LoA	-1,69807972	0,146	0,309
CHR3	25956365	CHR3:25956365	SSF x Near_LoA	-8,91355028	0,148	0,300
CHR3	25959099	CHR3:25959099	SSF x Near_LoA	-9,63582621	-0,038	0,299
CHR3	25959185	CHR3:25959185	SSF x Near_LoA	-11,3692458	-0,032	0,298
CHR3	25959194	CHR3:25959194	SSF x Near_LoA	-6,22052814	-0,109	0,309
CHR3	25962810	CHR3:25962810	SSF x Near_LoA	-2,41736054	0,251	0,297
CHR3	25968366	CHR3:25968366	SSF x Near_LoA	-9,20107146	-0,078	0,300
CHR3	25974620	CHR3:25974620	SSF x Near_LoA	-8,97152031	0,063	0,288
CHR3	25974732	CHR3:25974732	SSF x Near_LoA	-8,20353829	-0,077	0,311
CHR3	25974753	CHR3:25974753	SSF x Near_LoA	-7,92504298	0,116	0,307
CHR3	25974775	CHR3:25974775	SSF x Near_LoA	-9,6046334	-0,031	0,313
CHR3	25974810	CHR3:25974810	SSF x Near_LoA	-8,92051239	-0,036	0,308
CHR3	25974843	CHR3:25974843	SSF x Near_LoA	-11,1176363	-0,036	0,316
CHR3	25974850	CHR3:25974850	SSF x Near_LoA	-8,38150419	-0,027	0,313
CHR3	25976609	CHR3:25976609	SSF x Near_LoA	-4,42286827	-0,112	0,323
CHR3	25976671	CHR3:25976671	SSF x Near_LoA	-8,97858567	-0,070	0,308
CHR3	25976770	CHR3:25976770	SSF x Near_LoA	-8,9726517	0,071	0,311
CHR3	25980279	CHR3:25980279	SSF x Near_LoA	-10,9530703	-0,050	0,311
CHR3	25980291	CHR3:25980291	SSF x Near_LoA	-10,6411427	-0,051	0,310
CHR3	25984229	CHR3:25984229	SSF x Near_LoA	-9,52827944	-0,021	0,317
CHR3	25984236	CHR3:25984236	SSF x Near_LoA	-10,1931116	-0,108	0,296
CHR3	25984345	CHR3:25984345	SSF x Near_LoA	-9,91388628	-0,027	0,317
CHR3	25984440	CHR3:25984440	SSF x Near_LoA	-8,05001049	-0,093	0,315
CHR3	25984469	CHR3:25984469	SSF x Near_LoA	-10,9976952	0,002	0,308
CHR3	25992542	CHR3:25992542	SSF x Near_LoA	-10,3838155	0,097	0,304

CHR3	25992550	CHR3:25992550	SSF x Near_LoA	-9,0458084	-0,012	0,315
CHR3	25992554	CHR3:25992554	SSF x Near_LoA	-8,28644602	0,003	0,302
CHR3	25992560	CHR3:25992560	SSF x Near_LoA	-8,66448221	-0,070	0,312
CHR3	25996742	CHR3:25996742	SSF x Near_LoA	-11,1627345	0,019	0,315
CHR3	25996855	CHR3:25996855	SSF x Near_LoA	-10,0169931	0,073	0,304
CHR3	25996951	CHR3:25996951	SSF x Near_LoA	-8,28463546	0,009	0,309
CHR3	25996962	CHR3:25996962	SSF x Near_LoA	-4,6588907	0,122	0,299
CHR3	25996970	CHR3:25996970	SSF x Near_LoA	-8,87891204	0,090	0,305
CHR3	25997000	CHR3:25997000	SSF x Near_LoA	-10,5253121	-0,034	0,317
CHR3	26033490	CHR3:26033490	SSF x Near_LoA	-7,63440275	0,039	0,314
CHR3	26034188	CHR3:26034188	SSF x Near_LoA	-8,9680085	-0,068	0,308
CHR3	26040778	CHR3:26040778	SSF x Near_LoA	-8,83154581	-0,085	0,306
CHR3	2604098	CHR3:2604098	SSF x Near_LoA	-11,2725289	0,078	0,304
CHR3	2604100	CHR3:2604100	SSF x Near_LoA	-9,045124	0,141	0,292
CHR3	2604122	CHR3:2604122	SSF x Near_LoA	-9,47473665	-0,035	0,322
CHR3	2604141	CHR3:2604141	SSF x Near_LoA	-10,4539915	0,094	0,306
CHR3	2604146	CHR3:2604146	SSF x Near_LoA	-9,42737317	0,040	0,313
CHR3	2604179	CHR3:2604179	SSF x Near_LoA	-9,05966999	-0,065	0,303
CHR3	2604182	CHR3:2604182	SSF x Near_LoA	-9,62970013	0,063	0,284
CHR3	26046169	CHR3:26046169	SSF x Near_LoA	-6,99428889	0,131	0,318
CHR3	26046443	CHR3:26046443	SSF x Near_LoA	-7,53516045	0,083	0,325
CHR3	26078983	CHR3:26078983	SSF x Near_LoA	-10,0261911	0,025	0,306
CHR3	2608254	CHR3:2608254	SSF x Near_LoA	-4,66428226	-0,141	0,314
CHR3	26084923	CHR3:26084923	SSF x Near_LoA	-6,18979066	-0,017	0,314
CHR3	26084940	CHR3:26084940	SSF x Near_LoA	-7,86997086	-0,013	0,304
CHR3	26084950	CHR3:26084950	SSF x Near_LoA	-8,05415833	-0,032	0,329
CHR3	26093695	CHR3:26093695	SSF x Near_LoA	-9,23754968	0,035	0,302
CHR3	26093703	CHR3:26093703	SSF x Near_LoA	7,57943486	0,064	0,308
CHR3	26098468	CHR3:26098468	SSF x Near_LoA	-2,10844107	0,155	0,309
CHR3	26098488	CHR3:26098488	SSF x Near_LoA	-8,84603664	0,056	0,308
CHR3	26098509	CHR3:26098509	SSF x Near_LoA	-9,24155304	-0,079	0,298
CHR3	26098546	CHR3:26098546	SSF x Near_LoA	-9,55276681	0,019	0,308
CHR3	26098558	CHR3:26098558	SSF x Near_LoA	-6,07881579	0,028	0,318
CHR3	26098588	CHR3:26098588	SSF x Near_LoA	-9,29122408	-0,010	0,318
CHR3	26098610	CHR3:26098610	SSF x Near_LoA	-8,26320545	-0,038	0,317
CHR3	26098612	CHR3:26098612	SSF x Near_LoA	-8,25355287	0,053	0,312
CHR3	26103466	CHR3:26103466	SSF x Near_LoA	-6,01999854	-0,111	0,309
CHR3	26103553	CHR3:26103553	SSF x Near_LoA	-6,86518881	0,064	0,307
CHR3	2611017	CHR3:2611017	SSF x Near_LoA	-6,73411151	0,193	0,307
CHR3	2611119	CHR3:2611119	SSF x Near_LoA	-7,97855756	0,190	0,293
CHR3	2611121	CHR3:2611121	SSF x Near_LoA	-8,10550361	0,169	0,293
CHR3	2611123	CHR3:2611123	SSF x Near_LoA	-5,44562691	0,196	0,306
CHR3	2611125	CHR3:2611125	SSF x Near_LoA	-5,80453334	0,174	0,299
CHR3	2611134	CHR3:2611134	SSF x Near_LoA	-8,87485777	-0,074	0,315
CHR3	26116028	CHR3:26116028	SSF x Near_LoA	-11,1544399	0,000	0,306
CHR3	26136649	CHR3:26136649	SSF x Near_LoA	-10,5244999	0,053	0,314
CHR3	26136701	CHR3:26136701	SSF x Near_LoA	-7,47291028	-0,049	0,305
CHR3	26136713	CHR3:26136713	SSF x Near_LoA	-8,22297559	-0,053	0,299
CHR3	26136846	CHR3:26136846	SSF x Near_LoA	-9,99102542	0,000	0,297
CHR3	26136928	CHR3:26136928	SSF x Near_LoA	-11,0850491	0,014	0,308
CHR3	26143774	CHR3:26143774	SSF x Near_LoA	-11,5702619	0,100	0,304
CHR3	26143786	CHR3:26143786	SSF x Near_LoA	-10,6341457	0,060	0,303
CHR3	26143799	CHR3:26143799	SSF x Near_LoA	-10,9680166	0,099	0,315

CHR3	26143822	CHR3:26143822	SSF x Near_LoA	-8,40222073	0,038	0,309
CHR3	26143828	CHR3:26143828	SSF x Near_LoA	-11,9243072	0,097	0,306
CHR3	26143829	CHR3:26143829	SSF x Near_LoA	-8,31458231	0,023	0,313
CHR3	26143849	CHR3:26143849	SSF x Near_LoA	-10,0929663	0,080	0,310
CHR3	26143896	CHR3:26143896	SSF x Near_LoA	-7,80815539	0,017	0,298
CHR3	26145357	CHR3:26145357	SSF x Near_LoA	-8,26397428	0,039	0,310
CHR3	26145364	CHR3:26145364	SSF x Near_LoA	-8,98494129	0,038	0,306
CHR3	26145405	CHR3:26145405	SSF x Near_LoA	-7,56594814	0,016	0,319
CHR3	2614651	CHR3:2614651	SSF x Near_LoA	-8,01893056	0,138	0,309
CHR3	2614926	CHR3:2614926	SSF x Near_LoA	-9,71918056	-0,128	0,303
CHR3	2615052	CHR3:2615052	SSF x Near_LoA	-8,07751554	0,083	0,308
CHR3	26150912	CHR3:26150912	SSF x Near_LoA	-9,77282253	0,012	0,298
CHR3	26150982	CHR3:26150982	SSF x Near_LoA	-7,51034691	-0,055	0,317
CHR3	26154188	CHR3:26154188	SSF x Near_LoA	-8,56793972	0,027	0,304
CHR3	26154196	CHR3:26154196	SSF x Near_LoA	-5,51267955	0,030	0,313
CHR3	26154197	CHR3:26154197	SSF x Near_LoA	-8,06747185	0,019	0,309
CHR3	26154203	CHR3:26154203	SSF x Near_LoA	-9,22831957	0,015	0,305
CHR3	26154218	CHR3:26154218	SSF x Near_LoA	-7,87547099	0,019	0,299
CHR3	26154259	CHR3:26154259	SSF x Near_LoA	-9,4402591	0,076	0,298
CHR3	26154289	CHR3:26154289	SSF x Near_LoA	-9,54054896	0,009	0,305
CHR3	26154297	CHR3:26154297	SSF x Near_LoA	-9,04297255	-0,025	0,308
CHR3	26154355	CHR3:26154355	SSF x Near_LoA	-9,88847634	0,009	0,312
CHR3	26154391	CHR3:26154391	SSF x Near_LoA	-9,70013818	-0,004	0,311
CHR3	26154395	CHR3:26154395	SSF x Near_LoA	-9,49937598	-0,013	0,311
CHR3	26162904	CHR3:26162904	SSF x Near_LoA	-7,36427251	-0,081	0,319
CHR3	26163003	CHR3:26163003	SSF x Near_LoA	-11,0144927	0,060	0,306
CHR3	26163028	CHR3:26163028	SSF x Near_LoA	-9,44629807	-0,040	0,307
CHR3	26169403	CHR3:26169403	SSF x Near_LoA	-10,2357177	-0,121	0,311
CHR3	26169407	CHR3:26169407	SSF x Near_LoA	-9,64265911	0,065	0,305
CHR3	26169493	CHR3:26169493	SSF x Near_LoA	-5,5199077	0,102	0,296
CHR3	26169500	CHR3:26169500	SSF x Near_LoA	-9,51996076	0,136	0,311
CHR3	26176410	CHR3:26176410	SSF x Near_LoA	-6,33905101	-0,158	0,308
CHR3	2618607	CHR3:2618607	SSF x Near_LoA	-9,69634758	0,130	0,291
CHR3	26187578	CHR3:26187578	SSF x Near_LoA	-10,0836059	-0,088	0,315
CHR3	26193447	CHR3:26193447	SSF x Near_LoA	-7,97320049	0,005	0,332
CHR3	26193451	CHR3:26193451	SSF x Near_LoA	-6,9530838	-0,103	0,306
CHR3	26193453	CHR3:26193453	SSF x Near_LoA	-8,60647141	0,015	0,314
CHR3	26193454	CHR3:26193454	SSF x Near_LoA	-7,28862191	0,000	0,322
CHR3	26193460	CHR3:26193460	SSF x Near_LoA	-8,76103416	0,005	0,322
CHR3	26193461	CHR3:26193461	SSF x Near_LoA	-9,08212431	0,018	0,307
CHR3	26193468	CHR3:26193468	SSF x Near_LoA	-7,18625133	-0,170	0,308
CHR3	26193469	CHR3:26193469	SSF x Near_LoA	-10,7303204	0,091	0,311
CHR3	26193478	CHR3:26193478	SSF x Near_LoA	-10,4519283	0,041	0,315
CHR3	26193501	CHR3:26193501	SSF x Near_LoA	-9,36623487	0,038	0,297
CHR3	26193521	CHR3:26193521	SSF x Near_LoA	-9,75275859	0,054	0,319
CHR3	26193526	CHR3:26193526	SSF x Near_LoA	-10,0337493	0,044	0,314
CHR3	26193527	CHR3:26193527	SSF x Near_LoA	-11,0267211	0,071	0,314
CHR3	26193549	CHR3:26193549	SSF x Near_LoA	-10,0451833	-0,111	0,308
CHR3	26193554	CHR3:26193554	SSF x Near_LoA	-6,63401567	0,118	0,318
CHR3	26193565	CHR3:26193565	SSF x Near_LoA	-9,63033605	-0,031	0,299
CHR3	26193665	CHR3:26193665	SSF x Near_LoA	-9,80462158	0,097	0,302
CHR3	26193718	CHR3:26193718	SSF x Near_LoA	-11,5821366	0,033	0,299
CHR3	26198193	CHR3:26198193	SSF x Near_LoA	-10,0400502	-0,029	0,301

CHR3	26198227	CHR3:26198227	SSF x Near_LoA	-6,87367219	0,086	0,312
CHR3	26227066	CHR3:26227066	SSF x Near_LoA	-9,96887179	0,119	0,300
CHR3	2623932	CHR3:2623932	SSF x Near_LoA	-4,77539411	-0,114	0,309
CHR3	2624018	CHR3:2624018	SSF x Near_LoA	-9,91190041	-0,084	0,311
CHR3	26240200	CHR3:26240200	SSF x Near_LoA	-7,52651097	0,002	0,292
CHR3	26240374	CHR3:26240374	SSF x Near_LoA	-7,85886948	0,076	0,308
CHR3	26240436	CHR3:26240436	SSF x Near_LoA	-6,84136426	-0,080	0,310
CHR3	26249124	CHR3:26249124	SSF x Near_LoA	-7,68788219	0,107	0,299
CHR3	26249172	CHR3:26249172	SSF x Near_LoA	-8,47773088	-0,066	0,304
CHR3	2626881	CHR3:2626881	SSF x Near_LoA	-6,61600066	-0,063	0,314
CHR3	2626895	CHR3:2626895	SSF x Near_LoA	-6,38415324	-0,038	0,306
CHR3	26272258	CHR3:26272258	SSF x Near_LoA	-11,1789117	-0,056	0,299
CHR3	26272260	CHR3:26272260	SSF x Near_LoA	-9,48454591	-0,009	0,295
CHR3	26280711	CHR3:26280711	SSF x Near_LoA	-8,01659597	-0,190	0,296
CHR3	26282738	CHR3:26282738	SSF x Near_LoA	-7,61800671	-0,158	0,300
CHR3	26298323	CHR3:26298323	SSF x Near_LoA	-10,6055293	-0,007	0,299
CHR3	26300564	CHR3:26300564	SSF x Near_LoA	0,71378671	-0,062	0,312
CHR3	26300738	CHR3:26300738	SSF x Near_LoA	-9,04764057	-0,045	0,313
CHR3	2632365	CHR3:2632365	SSF x Near_LoA	-9,37802373	-0,014	0,321
CHR3	2632374	CHR3:2632374	SSF x Near_LoA	-2,30466836	0,099	0,296
CHR3	2632441	CHR3:2632441	SSF x Near_LoA	-8,77715872	-0,108	0,305
CHR3	2632487	CHR3:2632487	SSF x Near_LoA	-10,5663751	-0,039	0,320
CHR3	2632533	CHR3:2632533	SSF x Near_LoA	-10,1260289	0,070	0,307
CHR3	26334556	CHR3:26334556	SSF x Near_LoA	-10,613594	0,118	0,302
CHR3	26334624	CHR3:26334624	SSF x Near_LoA	-11,5398359	-0,058	0,300
CHR3	26334662	CHR3:26334662	SSF x Near_LoA	-8,25548574	0,127	0,304
CHR3	26334704	CHR3:26334704	SSF x Near_LoA	-7,75947477	0,045	0,312
CHR3	26334738	CHR3:26334738	SSF x Near_LoA	-6,58361138	0,096	0,300
CHR3	26347742	CHR3:26347742	SSF x Near_LoA	-7,83179977	0,065	0,304
CHR3	26347785	CHR3:26347785	SSF x Near_LoA	-8,38462525	-0,060	0,306
CHR3	26347792	CHR3:26347792	SSF x Near_LoA	-8,88087116	-0,009	0,297
CHR3	26354603	CHR3:26354603	SSF x Near_LoA	-10,8786982	0,036	0,295
CHR3	26354611	CHR3:26354611	SSF x Near_LoA	-11,6537248	0,027	0,300
CHR3	26361466	CHR3:26361466	SSF x Near_LoA	-9,5841742	0,039	0,314
CHR3	26361517	CHR3:26361517	SSF x Near_LoA	-8,57297414	-0,043	0,311
CHR3	26361551	CHR3:26361551	SSF x Near_LoA	-6,56896785	0,101	0,317
CHR3	2636414	CHR3:2636414	SSF x Near_LoA	-10,1194346	0,102	0,311
CHR3	2636452	CHR3:2636452	SSF x Near_LoA	-9,589477	-0,091	0,299
CHR3	2636692	CHR3:2636692	SSF x Near_LoA	-11,5290835	-0,003	0,308
CHR3	26378868	CHR3:26378868	SSF x Near_LoA	-7,96894238	-0,064	0,299
CHR3	26378901	CHR3:26378901	SSF x Near_LoA	-10,0494601	0,166	0,297
CHR3	26378932	CHR3:26378932	SSF x Near_LoA	-10,101459	0,021	0,314
CHR3	26378964	CHR3:26378964	SSF x Near_LoA	-11,2218706	0,055	0,321
CHR3	26380323	CHR3:26380323	SSF x Near_LoA	-8,81242398	0,008	0,297
CHR3	26391793	CHR3:26391793	SSF x Near_LoA	-7,97153412	0,025	0,317
CHR3	26392317	CHR3:26392317	SSF x Near_LoA	-9,55847177	0,035	0,306
CHR3	26392393	CHR3:26392393	SSF x Near_LoA	-10,9818667	-0,004	0,312
CHR3	26401359	CHR3:26401359	SSF x Near_LoA	-9,09692648	-0,011	0,297
CHR3	26401387	CHR3:26401387	SSF x Near_LoA	-4,81243439	0,020	0,319
CHR3	26401462	CHR3:26401462	SSF x Near_LoA	-2,15159819	0,035	0,311
CHR3	26401544	CHR3:26401544	SSF x Near_LoA	-8,60442731	-0,046	0,304
CHR3	26401552	CHR3:26401552	SSF x Near_LoA	-11,6461274	0,049	0,321
CHR3	26404324	CHR3:26404324	SSF x Near_LoA	-10,318088	-0,032	0,301

CHR3	26406525	CHR3:26406525	SSF x Near_LoA	-8,7355717	0,066	0,314
CHR3	26407705	CHR3:26407705	SSF x Near_LoA	-10,3007362	-0,064	0,323
CHR3	26409715	CHR3:26409715	SSF x Near_LoA	-10,8274319	-0,087	0,298
CHR3	26409826	CHR3:26409826	SSF x Near_LoA	-6,43238752	0,037	0,306
CHR3	26409911	CHR3:26409911	SSF x Near_LoA	-10,2610141	-0,035	0,316
CHR3	26411403	CHR3:26411403	SSF x Near_LoA	-11,459236	-0,061	0,307
CHR3	26411430	CHR3:26411430	SSF x Near_LoA	-10,5906731	-0,064	0,323
CHR3	26412640	CHR3:26412640	SSF x Near_LoA	-8,31225566	-0,055	0,311
CHR3	26412653	CHR3:26412653	SSF x Near_LoA	-1,30576634	-0,055	0,301
CHR3	26412700	CHR3:26412700	SSF x Near_LoA	-9,40536947	-0,067	0,312
CHR3	26445415	CHR3:26445415	SSF x Near_LoA	-9,34771518	0,053	0,307
CHR3	26445487	CHR3:26445487	SSF x Near_LoA	-9,12906255	-0,027	0,308
CHR3	26448859	CHR3:26448859	SSF x Near_LoA	-7,11711298	-0,066	0,310
CHR3	26450255	CHR3:26450255	SSF x Near_LoA	-8,80599532	-0,112	0,310
CHR3	26452631	CHR3:26452631	SSF x Near_LoA	-8,06234865	-0,050	0,309
CHR3	26452650	CHR3:26452650	SSF x Near_LoA	-8,88380435	0,059	0,305
CHR3	26457170	CHR3:26457170	SSF x Near_LoA	-3,30400781	0,173	0,308
CHR3	26460945	CHR3:26460945	SSF x Near_LoA	-10,3204485	-0,100	0,323
CHR3	26460990	CHR3:26460990	SSF x Near_LoA	-9,23969237	0,036	0,310
CHR3	26461078	CHR3:26461078	SSF x Near_LoA	-8,70317427	-0,073	0,310
CHR3	26461106	CHR3:26461106	SSF x Near_LoA	-8,87184173	-0,003	0,286
CHR3	26463130	CHR3:26463130	SSF x Near_LoA	-10,8056116	0,038	0,292
CHR3	26463190	CHR3:26463190	SSF x Near_LoA	-11,8173994	-0,061	0,292
CHR3	26469025	CHR3:26469025	SSF x Near_LoA	-10,3639704	-0,060	0,304
CHR3	26469058	CHR3:26469058	SSF x Near_LoA	-7,94170463	-0,025	0,308
CHR3	2647678	CHR3:2647678	SSF x Near_LoA	-9,68554731	0,038	0,307
CHR3	26479038	CHR3:26479038	SSF x Near_LoA	-10,410345	-0,004	0,293
CHR3	26485060	CHR3:26485060	SSF x Near_LoA	-9,62609926	-0,005	0,329
CHR3	26485160	CHR3:26485160	SSF x Near_LoA	-9,4219663	-0,056	0,312
CHR3	26492085	CHR3:26492085	SSF x Near_LoA	-8,02803925	0,097	0,317
CHR3	26492122	CHR3:26492122	SSF x Near_LoA	-10,0741218	-0,024	0,314
CHR3	2650925	CHR3:2650925	SSF x Near_LoA	-7,81076309	0,113	0,304
CHR3	2650983	CHR3:2650983	SSF x Near_LoA	-8,29225957	-0,048	0,310
CHR3	26548239	CHR3:26548239	SSF x Near_LoA	-9,2036586	-0,065	0,321
CHR3	26555470	CHR3:26555470	SSF x Near_LoA	-10,4735293	0,012	0,301
CHR3	2658855	CHR3:2658855	SSF x Near_LoA	-9,32346708	0,091	0,302
CHR3	2658876	CHR3:2658876	SSF x Near_LoA	-7,910603	0,155	0,296
CHR3	2658886	CHR3:2658886	SSF x Near_LoA	-9,47204276	-0,064	0,316
CHR3	2660464	CHR3:2660464	SSF x Near_LoA	-11,4504111	-0,043	0,303
CHR3	2660559	CHR3:2660559	SSF x Near_LoA	-10,583121	0,075	0,313
CHR3	2663210	CHR3:2663210	SSF x Near_LoA	-5,58418571	-0,036	0,305
CHR3	2663274	CHR3:2663274	SSF x Near_LoA	-8,17695653	-0,017	0,318
CHR3	2663353	CHR3:2663353	SSF x Near_LoA	-9,86174738	0,092	0,303
CHR3	2663358	CHR3:2663358	SSF x Near_LoA	-7,37504702	-0,157	0,299
CHR3	26642668	CHR3:26642668	SSF x Near_LoA	-10,9287072	0,040	0,301
CHR3	2664630	CHR3:2664630	SSF x Near_LoA	-9,05303364	0,126	0,298
CHR3	2664652	CHR3:2664652	SSF x Near_LoA	-10,7315023	-0,044	0,302
CHR3	2664676	CHR3:2664676	SSF x Near_LoA	-9,48703322	-0,073	0,301
CHR3	2665408	CHR3:2665408	SSF x Near_LoA	-6,27843735	0,041	0,314
CHR3	26699807	CHR3:26699807	SSF x Near_LoA	-9,09266469	-0,013	0,299
CHR3	2670059	CHR3:2670059	SSF x Near_LoA	-8,24373679	0,001	0,317
CHR3	2670079	CHR3:2670079	SSF x Near_LoA	-9,3475669	-0,063	0,302
CHR3	2670106	CHR3:2670106	SSF x Near_LoA	-9,67658169	0,005	0,299

CHR3	26702669	CHR3:26702669	SSF x Near_LoA	-9,78130624	0,010	0,303
CHR3	2670268	CHR3:2670268	SSF x Near_LoA	-7,56923058	0,049	0,300
CHR3	26702801	CHR3:26702801	SSF x Near_LoA	-8,8761186	0,030	0,296
CHR3	26718404	CHR3:26718404	SSF x Near_LoA	-9,57674523	-0,069	0,300
CHR3	26723210	CHR3:26723210	SSF x Near_LoA	-8,35221454	0,032	0,305
CHR3	26729634	CHR3:26729634	SSF x Near_LoA	-9,37449983	0,020	0,316
CHR3	26736140	CHR3:26736140	SSF x Near_LoA	-9,24101362	0,046	0,314
CHR3	26736142	CHR3:26736142	SSF x Near_LoA	-8,27345457	0,095	0,291
CHR3	26743504	CHR3:26743504	SSF x Near_LoA	-10,8223325	0,037	0,305
CHR3	26743528	CHR3:26743528	SSF x Near_LoA	-9,15868826	-0,023	0,323
CHR3	26743543	CHR3:26743543	SSF x Near_LoA	-10,8765982	-0,004	0,303
CHR3	26743577	CHR3:26743577	SSF x Near_LoA	-8,60924994	0,018	0,318
CHR3	26743626	CHR3:26743626	SSF x Near_LoA	-5,49378629	-0,025	0,289
CHR3	26758835	CHR3:26758835	SSF x Near_LoA	-10,9407037	0,030	0,312
CHR3	2680005	CHR3:2680005	SSF x Near_LoA	-9,8638322	0,112	0,303
CHR3	2680809	CHR3:2680809	SSF x Near_LoA	-10,984364	0,004	0,296
CHR3	2680812	CHR3:2680812	SSF x Near_LoA	-9,03488578	-0,091	0,302
CHR3	2680835	CHR3:2680835	SSF x Near_LoA	-9,91869481	0,033	0,303
CHR3	26808841	CHR3:26808841	SSF x Near_LoA	-11,6372991	0,022	0,296
CHR3	26808887	CHR3:26808887	SSF x Near_LoA	-12,1007097	-0,030	0,316
CHR3	26827934	CHR3:26827934	SSF x Near_LoA	-9,44368461	-0,019	0,319
CHR3	26840065	CHR3:26840065	SSF x Near_LoA	-6,25478292	-0,105	0,309
CHR3	26852618	CHR3:26852618	SSF x Near_LoA	-9,93871032	0,118	0,296
CHR3	26866898	CHR3:26866898	SSF x Near_LoA	-9,63880749	0,043	0,314
CHR3	26934987	CHR3:26934987	SSF x Near_LoA	-9,11035798	0,053	0,311
CHR3	26941575	CHR3:26941575	SSF x Near_LoA	-4,88895017	-0,101	0,306
CHR3	26953011	CHR3:26953011	SSF x Near_LoA	-9,43520722	0,122	0,307
CHR3	26968016	CHR3:26968016	SSF x Near_LoA	-10,6248259	-0,086	0,313
CHR3	26968059	CHR3:26968059	SSF x Near_LoA	-6,93897907	-0,144	0,287
CHR3	26968075	CHR3:26968075	SSF x Near_LoA	-8,90354397	0,029	0,298
CHR3	26969449	CHR3:26969449	SSF x Near_LoA	-10,092163	-0,086	0,296
CHR3	26969450	CHR3:26969450	SSF x Near_LoA	-10,4995782	0,006	0,297
CHR3	26974200	CHR3:26974200	SSF x Near_LoA	-11,0589192	-0,025	0,315
CHR3	26980190	CHR3:26980190	SSF x Near_LoA	-7,58585513	-0,020	0,309
CHR3	26980252	CHR3:26980252	SSF x Near_LoA	-8,9808952	-0,046	0,298
CHR3	26980253	CHR3:26980253	SSF x Near_LoA	-8,17025483	-0,005	0,311
CHR3	26988907	CHR3:26988907	SSF x Near_LoA	-10,8520491	-0,039	0,295
CHR3	26991917	CHR3:26991917	SSF x Near_LoA	-7,87317379	-0,046	0,299
CHR3	26991935	CHR3:26991935	SSF x Near_LoA	-7,2449411	-0,047	0,308
CHR3	26991987	CHR3:26991987	SSF x Near_LoA	-11,1667816	0,021	0,301
CHR3	26992001	CHR3:26992001	SSF x Near_LoA	-7,53594073	-0,051	0,309
CHR3	26992004	CHR3:26992004	SSF x Near_LoA	-8,81724265	-0,020	0,316
CHR3	26992008	CHR3:26992008	SSF x Near_LoA	-8,08692552	0,100	0,309
CHR3	26992009	CHR3:26992009	SSF x Near_LoA	-6,93535992	-0,041	0,313
CHR3	27000116	CHR3:27000116	SSF x Near_LoA	-9,69788226	-0,107	0,305
CHR3	2701390	CHR3:2701390	SSF x Near_LoA	-8,08310232	0,033	0,303
CHR3	2701396	CHR3:2701396	SSF x Near_LoA	-11,2785096	-0,044	0,303
CHR3	2701400	CHR3:2701400	SSF x Near_LoA	-4,39317235	0,050	0,326
CHR3	2701481	CHR3:2701481	SSF x Near_LoA	-8,85810456	0,047	0,299
CHR3	2701490	CHR3:2701490	SSF x Near_LoA	-8,95498345	0,060	0,299
CHR3	2701751	CHR3:2701751	SSF x Near_LoA	-10,552263	0,096	0,301
CHR3	2701753	CHR3:2701753	SSF x Near_LoA	-11,0477586	0,016	0,302
CHR3	27023169	CHR3:27023169	SSF x Near_LoA	-8,01706016	-0,039	0,313

CHR3	27043692	CHR3:27043692	SSF x Near_LoA	-6,2730122	-0,110	0,316
CHR3	27043719	CHR3:27043719	SSF x Near_LoA	-7,83604089	0,134	0,299
CHR3	27043757	CHR3:27043757	SSF x Near_LoA	-5,38667018	-0,126	0,315
CHR3	27043787	CHR3:27043787	SSF x Near_LoA	-8,17907044	-0,139	0,298
CHR3	27043836	CHR3:27043836	SSF x Near_LoA	-7,75926415	-0,065	0,317
CHR3	27043842	CHR3:27043842	SSF x Near_LoA	-9,46251707	-0,059	0,306
CHR3	27043847	CHR3:27043847	SSF x Near_LoA	-7,35471273	-0,051	0,314
CHR3	27044018	CHR3:27044018	SSF x Near_LoA	-10,398242	0,130	0,300
CHR3	27044026	CHR3:27044026	SSF x Near_LoA	-9,45373972	-0,040	0,325
CHR3	27066533	CHR3:27066533	SSF x Near_LoA	-10,0246463	0,015	0,314
CHR3	27066538	CHR3:27066538	SSF x Near_LoA	-8,21882852	-0,065	0,311
CHR3	27066555	CHR3:27066555	SSF x Near_LoA	-7,26203047	0,080	0,308
CHR3	27066754	CHR3:27066754	SSF x Near_LoA	-7,04903249	-0,072	0,311
CHR3	27075110	CHR3:27075110	SSF x Near_LoA	-8,63034977	0,007	0,301
CHR3	27075138	CHR3:27075138	SSF x Near_LoA	-8,46154712	0,059	0,297
CHR3	27079773	CHR3:27079773	SSF x Near_LoA	-9,24171517	0,001	0,297
CHR3	27079795	CHR3:27079795	SSF x Near_LoA	-10,7119305	-0,058	0,307
CHR3	27079984	CHR3:27079984	SSF x Near_LoA	-8,0549151	-0,131	0,305
CHR3	2708029	CHR3:2708029	SSF x Near_LoA	-8,11802781	0,053	0,306
CHR3	2708271	CHR3:2708271	SSF x Near_LoA	-8,12068155	-0,037	0,315
CHR3	2708291	CHR3:2708291	SSF x Near_LoA	-9,06127982	0,007	0,313
CHR3	27097355	CHR3:27097355	SSF x Near_LoA	-7,82167308	-0,158	0,308
CHR3	27097370	CHR3:27097370	SSF x Near_LoA	-7,68235303	-0,177	0,302
CHR3	27121927	CHR3:27121927	SSF x Near_LoA	-10,3645341	0,032	0,296
CHR3	27124846	CHR3:27124846	SSF x Near_LoA	-7,56824142	-0,098	0,297
CHR3	27124915	CHR3:27124915	SSF x Near_LoA	-10,321087	0,104	0,302
CHR3	27127677	CHR3:27127677	SSF x Near_LoA	-11,1803708	-0,032	0,282
CHR3	27140017	CHR3:27140017	SSF x Near_LoA	-9,48781112	0,059	0,303
CHR3	27140029	CHR3:27140029	SSF x Near_LoA	-8,12124112	0,015	0,313
CHR3	27142398	CHR3:27142398	SSF x Near_LoA	-11,2181553	0,059	0,312
CHR3	27142415	CHR3:27142415	SSF x Near_LoA	-6,92387437	0,001	0,302
CHR3	27148059	CHR3:27148059	SSF x Near_LoA	-6,80165828	0,027	0,314
CHR3	27148180	CHR3:27148180	SSF x Near_LoA	-11,382203	-0,089	0,314
CHR3	27148257	CHR3:27148257	SSF x Near_LoA	-9,88963506	0,009	0,307
CHR3	27162473	CHR3:27162473	SSF x Near_LoA	-10,7891065	-0,029	0,297
CHR3	27162600	CHR3:27162600	SSF x Near_LoA	-8,87785363	-0,063	0,313
CHR3	27162649	CHR3:27162649	SSF x Near_LoA	-8,56062797	-0,132	0,304
CHR3	27162658	CHR3:27162658	SSF x Near_LoA	-11,1228986	0,039	0,320
CHR3	27162742	CHR3:27162742	SSF x Near_LoA	-0,70988648	-0,183	0,284
CHR3	27166904	CHR3:27166904	SSF x Near_LoA	-8,63967473	0,060	0,312
CHR3	27166905	CHR3:27166905	SSF x Near_LoA	-7,96939097	0,085	0,309
CHR3	27166913	CHR3:27166913	SSF x Near_LoA	-10,0911045	-0,030	0,311
CHR3	27166941	CHR3:27166941	SSF x Near_LoA	-11,4587078	-0,041	0,311
CHR3	27166950	CHR3:27166950	SSF x Near_LoA	-9,52505451	0,024	0,308
CHR3	27214463	CHR3:27214463	SSF x Near_LoA	-7,9320218	-0,046	0,314
CHR3	27214477	CHR3:27214477	SSF x Near_LoA	-10,5888109	-0,002	0,302
CHR3	2721463	CHR3:2721463	SSF x Near_LoA	-7,19898543	0,018	0,298
CHR3	27216799	CHR3:27216799	SSF x Near_LoA	-10,2462758	-0,034	0,299
CHR3	27216835	CHR3:27216835	SSF x Near_LoA	-5,1735367	-0,159	0,313
CHR3	27216978	CHR3:27216978	SSF x Near_LoA	-6,99389757	0,197	0,291
CHR3	27217011	CHR3:27217011	SSF x Near_LoA	-12,5230432	0,011	0,302
CHR3	27222456	CHR3:27222456	SSF x Near_LoA	-11,2552761	-0,032	0,294
CHR3	27222457	CHR3:27222457	SSF x Near_LoA	-9,11912782	-0,006	0,315

CHR3	27228709	CHR3:27228709	SSF x Near_LoA	-10,5230119	0,139	0,299
CHR3	27228726	CHR3:27228726	SSF x Near_LoA	-7,69609077	0,026	0,316
CHR3	27228799	CHR3:27228799	SSF x Near_LoA	-9,98215635	0,064	0,297
CHR3	27235240	CHR3:27235240	SSF x Near_LoA	-7,24491754	-0,015	0,315
CHR3	27235250	CHR3:27235250	SSF x Near_LoA	-11,1787583	0,035	0,283
CHR3	27246625	CHR3:27246625	SSF x Near_LoA	-7,2383194	0,018	0,307
CHR3	27246672	CHR3:27246672	SSF x Near_LoA	-6,86212196	0,027	0,304
CHR3	27246696	CHR3:27246696	SSF x Near_LoA	-8,98638256	0,016	0,308
CHR3	27246728	CHR3:27246728	SSF x Near_LoA	-5,49701309	0,043	0,313
CHR3	27246798	CHR3:27246798	SSF x Near_LoA	-8,90886288	0,013	0,315
CHR3	27256584	CHR3:27256584	SSF x Near_LoA	-10,3194123	0,082	0,308
CHR3	27256738	CHR3:27256738	SSF x Near_LoA	-8,2003769	0,073	0,315
CHR3	27256768	CHR3:27256768	SSF x Near_LoA	-8,91510322	0,024	0,308
CHR3	27266782	CHR3:27266782	SSF x Near_LoA	-9,79905457	-0,029	0,319
CHR3	27266816	CHR3:27266816	SSF x Near_LoA	-8,3948111	0,026	0,293
CHR3	27266834	CHR3:27266834	SSF x Near_LoA	-9,80432345	0,098	0,290
CHR3	27267578	CHR3:27267578	SSF x Near_LoA	-10,9492715	0,022	0,316
CHR3	2726837	CHR3:2726837	SSF x Near_LoA	-8,92905874	0,049	0,292
CHR3	27277149	CHR3:27277149	SSF x Near_LoA	-7,06988707	-0,040	0,326
CHR3	27277251	CHR3:27277251	SSF x Near_LoA	-6,75369578	-0,050	0,319
CHR3	27277280	CHR3:27277280	SSF x Near_LoA	-7,72577114	0,063	0,310
CHR3	27284819	CHR3:27284819	SSF x Near_LoA	-10,2277327	-0,029	0,303
CHR3	27284828	CHR3:27284828	SSF x Near_LoA	-10,0830811	-0,020	0,303
CHR3	27291284	CHR3:27291284	SSF x Near_LoA	-10,9755933	-0,003	0,312
CHR3	27291359	CHR3:27291359	SSF x Near_LoA	-10,3819564	-0,069	0,302
CHR3	27291419	CHR3:27291419	SSF x Near_LoA	-10,2498451	-0,007	0,311
CHR3	2729297	CHR3:2729297	SSF x Near_LoA	-8,39359931	0,002	0,313
CHR3	2729393	CHR3:2729393	SSF x Near_LoA	-6,94877329	-0,121	0,311
CHR3	27304261	CHR3:27304261	SSF x Near_LoA	-5,36155302	-0,061	0,316
CHR3	2730678	CHR3:2730678	SSF x Near_LoA	-8,29311635	0,063	0,316
CHR3	27317015	CHR3:27317015	SSF x Near_LoA	3,27552924	-0,002	0,307
CHR3	27319894	CHR3:27319894	SSF x Near_LoA	-8,51463682	-0,062	0,300
CHR3	27322801	CHR3:27322801	SSF x Near_LoA	-9,09231037	0,036	0,310
CHR3	27322825	CHR3:27322825	SSF x Near_LoA	-9,248611	0,107	0,305
CHR3	27323704	CHR3:27323704	SSF x Near_LoA	-9,18548603	0,010	0,303
CHR3	27323854	CHR3:27323854	SSF x Near_LoA	-9,24077173	-0,021	0,300
CHR3	27323860	CHR3:27323860	SSF x Near_LoA	-8,8602743	-0,016	0,314
CHR3	27323904	CHR3:27323904	SSF x Near_LoA	-7,61209281	0,084	0,309
CHR3	27328980	CHR3:27328980	SSF x Near_LoA	-4,66239319	0,006	0,295
CHR3	27333087	CHR3:27333087	SSF x Near_LoA	-7,48040418	0,073	0,315
CHR3	27333091	CHR3:27333091	SSF x Near_LoA	-9,05440921	0,062	0,302
CHR3	27333101	CHR3:27333101	SSF x Near_LoA	-11,0468196	-0,030	0,302
CHR3	27333124	CHR3:27333124	SSF x Near_LoA	-8,5192497	0,031	0,325
CHR3	27333186	CHR3:27333186	SSF x Near_LoA	-9,38717062	0,005	0,322
CHR3	27338084	CHR3:27338084	SSF x Near_LoA	-9,4594079	-0,038	0,329
CHR3	27338093	CHR3:27338093	SSF x Near_LoA	-6,6972977	0,072	0,316
CHR3	27338116	CHR3:27338116	SSF x Near_LoA	-11,2942162	0,010	0,308
CHR3	2733950	CHR3:2733950	SSF x Near_LoA	-7,61617447	-0,026	0,315
CHR3	27341439	CHR3:27341439	SSF x Near_LoA	-5,22944874	0,143	0,297
CHR3	27341470	CHR3:27341470	SSF x Near_LoA	-6,17422229	0,119	0,311
CHR3	27341484	CHR3:27341484	SSF x Near_LoA	-9,63751047	-0,029	0,299
CHR3	27341539	CHR3:27341539	SSF x Near_LoA	-8,95868262	0,026	0,324
CHR3	27341555	CHR3:27341555	SSF x Near_LoA	-10,742538	-0,038	0,296

CHR3	27341609	CHR3:27341609	SSF x Near_LoA	-10,5463731	-0,026	0,316
CHR3	27341717	CHR3:27341717	SSF x Near_LoA	-8,91896714	0,140	0,300
CHR3	2734239	CHR3:2734239	SSF x Near_LoA	-7,4742403	-0,089	0,309
CHR3	2734249	CHR3:2734249	SSF x Near_LoA	-8,42411084	0,014	0,287
CHR3	2734253	CHR3:2734253	SSF x Near_LoA	-9,95492185	0,078	0,302
CHR3	2734264	CHR3:2734264	SSF x Near_LoA	-9,90906933	0,049	0,299
CHR3	2734337	CHR3:2734337	SSF x Near_LoA	-8,93447492	-0,031	0,300
CHR3	27344352	CHR3:27344352	SSF x Near_LoA	-10,6856637	0,010	0,322
CHR3	27344416	CHR3:27344416	SSF x Near_LoA	-11,8786163	0,019	0,322
CHR3	27347193	CHR3:27347193	SSF x Near_LoA	-9,33895686	-0,062	0,295
CHR3	27347216	CHR3:27347216	SSF x Near_LoA	-8,17740966	-0,069	0,310
CHR3	27347404	CHR3:27347404	SSF x Near_LoA	-8,37409326	-0,095	0,305
CHR3	27348391	CHR3:27348391	SSF x Near_LoA	-8,00893824	-0,085	0,307
CHR3	27382317	CHR3:27382317	SSF x Near_LoA	-8,23521083	0,104	0,293
CHR3	27386687	CHR3:27386687	SSF x Near_LoA	-8,22363129	0,112	0,287
CHR3	27386713	CHR3:27386713	SSF x Near_LoA	-8,33240748	-0,194	0,312
CHR3	27391535	CHR3:27391535	SSF x Near_LoA	-10,7810545	0,024	0,298
CHR3	27392873	CHR3:27392873	SSF x Near_LoA	-8,60823972	-0,096	0,298
CHR3	27393024	CHR3:27393024	SSF x Near_LoA	-9,18568846	-0,072	0,312
CHR3	27420628	CHR3:27420628	SSF x Near_LoA	-7,93188317	0,069	0,301
CHR3	27420661	CHR3:27420661	SSF x Near_LoA	-7,25291726	0,089	0,302
CHR3	27430367	CHR3:27430367	SSF x Near_LoA	-6,42121736	-0,149	0,292
CHR3	27433852	CHR3:27433852	SSF x Near_LoA	-6,25389983	0,109	0,302
CHR3	27433856	CHR3:27433856	SSF x Near_LoA	-8,08574313	-0,105	0,316
CHR3	27441583	CHR3:27441583	SSF x Near_LoA	-10,486445	-0,017	0,299
CHR3	27441808	CHR3:27441808	SSF x Near_LoA	-6,77729816	0,082	0,294
CHR3	27447359	CHR3:27447359	SSF x Near_LoA	-8,63075141	-0,100	0,282
CHR3	27447428	CHR3:27447428	SSF x Near_LoA	-10,2953519	-0,030	0,287
CHR3	27447596	CHR3:27447596	SSF x Near_LoA	-8,08008611	0,055	0,321
CHR3	27447601	CHR3:27447601	SSF x Near_LoA	-9,57468524	-0,074	0,298
CHR3	27450614	CHR3:27450614	SSF x Near_LoA	-7,44666796	0,133	0,305
CHR3	27457659	CHR3:27457659	SSF x Near_LoA	-9,00544194	0,139	0,294
CHR3	2746121	CHR3:2746121	SSF x Near_LoA	-9,68412226	-0,036	0,318
CHR3	2746128	CHR3:2746128	SSF x Near_LoA	-9,23502923	-0,036	0,313
CHR3	27469660	CHR3:27469660	SSF x Near_LoA	-9,06958674	-0,023	0,305
CHR3	27469710	CHR3:27469710	SSF x Near_LoA	-6,84489313	-0,031	0,319
CHR3	27473812	CHR3:27473812	SSF x Near_LoA	-10,3587691	-0,029	0,309
CHR3	27473845	CHR3:27473845	SSF x Near_LoA	-9,35350472	-0,035	0,299
CHR3	27474080	CHR3:27474080	SSF x Near_LoA	-7,77671301	-0,060	0,323
CHR3	27474108	CHR3:27474108	SSF x Near_LoA	-11,7823696	0,045	0,293
CHR3	27487904	CHR3:27487904	SSF x Near_LoA	-8,62673929	-0,001	0,317
CHR3	27495747	CHR3:27495747	SSF x Near_LoA	-7,89459751	-0,004	0,301
CHR3	27495885	CHR3:27495885	SSF x Near_LoA	-9,33605843	0,038	0,299
CHR3	27495984	CHR3:27495984	SSF x Near_LoA	-9,49675805	0,016	0,312
CHR3	27496008	CHR3:27496008	SSF x Near_LoA	-10,9191951	-0,001	0,312
CHR3	2752391	CHR3:2752391	SSF x Near_LoA	-8,72752601	0,129	0,300
CHR3	2752392	CHR3:2752392	SSF x Near_LoA	-8,05621129	0,006	0,305
CHR3	27532693	CHR3:27532693	SSF x Near_LoA	-8,27323233	-0,001	0,311
CHR3	27532753	CHR3:27532753	SSF x Near_LoA	-11,0325266	-0,042	0,315
CHR3	27533711	CHR3:27533711	SSF x Near_LoA	-9,71659729	-0,038	0,306
CHR3	27533740	CHR3:27533740	SSF x Near_LoA	-8,06569861	-0,016	0,307
CHR3	27533811	CHR3:27533811	SSF x Near_LoA	-10,0141417	-0,063	0,312
CHR3	27544777	CHR3:27544777	SSF x Near_LoA	-8,0678325	0,021	0,319

CHR3	27544912	CHR3:27544912	SSF x Near_LoA	-10,3500697	0,000	0,301
CHR3	27544993	CHR3:27544993	SSF x Near_LoA	-9,0710025	0,081	0,299
CHR3	27545051	CHR3:27545051	SSF x Near_LoA	-7,6106171	0,027	0,310
CHR3	27559545	CHR3:27559545	SSF x Near_LoA	-11,0906326	0,038	0,302
CHR3	27559606	CHR3:27559606	SSF x Near_LoA	-11,5096132	-0,032	0,311
CHR3	27559650	CHR3:27559650	SSF x Near_LoA	-10,0584202	0,051	0,318
CHR3	27559851	CHR3:27559851	SSF x Near_LoA	-9,72229775	-0,046	0,311
CHR3	27559864	CHR3:27559864	SSF x Near_LoA	-9,9245612	-0,039	0,306
CHR3	27561355	CHR3:27561355	SSF x Near_LoA	-11,3145916	0,044	0,311
CHR3	27563085	CHR3:27563085	SSF x Near_LoA	-9,27300209	0,039	0,303
CHR3	27563108	CHR3:27563108	SSF x Near_LoA	-9,27129341	0,015	0,315
CHR3	27563175	CHR3:27563175	SSF x Near_LoA	-9,07554135	-0,039	0,319
CHR3	27578812	CHR3:27578812	SSF x Near_LoA	-8,67184596	0,024	0,300
CHR3	27578816	CHR3:27578816	SSF x Near_LoA	-10,4521622	-0,089	0,307
CHR3	27579078	CHR3:27579078	SSF x Near_LoA	-8,47241837	-0,082	0,313
CHR3	27579166	CHR3:27579166	SSF x Near_LoA	-11,1442542	0,103	0,309
CHR3	27585609	CHR3:27585609	SSF x Near_LoA	-3,52915946	-0,179	0,307
CHR3	2759046	CHR3:2759046	SSF x Near_LoA	-8,93397234	0,119	0,304
CHR3	27591579	CHR3:27591579	SSF x Near_LoA	-8,49471823	-0,061	0,309
CHR3	27605963	CHR3:27605963	SSF x Near_LoA	-8,52881134	-0,045	0,302
CHR3	27605964	CHR3:27605964	SSF x Near_LoA	-11,1799208	-0,005	0,312
CHR3	2760884	CHR3:2760884	SSF x Near_LoA	-8,48938849	0,041	0,300
CHR3	2760912	CHR3:2760912	SSF x Near_LoA	-11,2357772	-0,049	0,307
CHR3	2760977	CHR3:2760977	SSF x Near_LoA	-10,2128999	0,061	0,305
CHR3	27623710	CHR3:27623710	SSF x Near_LoA	-10,7832721	0,051	0,315
CHR3	27623860	CHR3:27623860	SSF x Near_LoA	-8,43855661	-0,196	0,292
CHR3	27623904	CHR3:27623904	SSF x Near_LoA	-10,0257213	-0,079	0,309
CHR3	27623932	CHR3:27623932	SSF x Near_LoA	-9,68164983	0,084	0,291
CHR3	27623934	CHR3:27623934	SSF x Near_LoA	-7,04476237	0,201	0,306
CHR3	27625356	CHR3:27625356	SSF x Near_LoA	-7,86960908	0,144	0,297
CHR3	27626415	CHR3:27626415	SSF x Near_LoA	10,2294994	-0,138	0,306
CHR3	27627863	CHR3:27627863	SSF x Near_LoA	-9,1174408	-0,104	0,303
CHR3	27627867	CHR3:27627867	SSF x Near_LoA	-6,93880098	-0,154	0,293
CHR3	27628091	CHR3:27628091	SSF x Near_LoA	-10,2971577	-0,020	0,305
CHR3	27628127	CHR3:27628127	SSF x Near_LoA	-11,2830881	0,082	0,290
CHR3	27628145	CHR3:27628145	SSF x Near_LoA	-7,65140548	-0,008	0,309
CHR3	2763803	CHR3:2763803	SSF x Near_LoA	-10,3055326	-0,019	0,306
CHR3	2763929	CHR3:2763929	SSF x Near_LoA	-11,0729412	0,067	0,297
CHR3	27645817	CHR3:27645817	SSF x Near_LoA	-7,88742399	0,027	0,299
CHR3	27645843	CHR3:27645843	SSF x Near_LoA	-8,5103403	-0,025	0,305
CHR3	27647215	CHR3:27647215	SSF x Near_LoA	-8,27212182	0,177	0,291
CHR3	27658324	CHR3:27658324	SSF x Near_LoA	-8,98095725	-0,096	0,301
CHR3	27658338	CHR3:27658338	SSF x Near_LoA	-7,81890738	-0,114	0,305
CHR3	27658340	CHR3:27658340	SSF x Near_LoA	-7,79694479	-0,100	0,309
CHR3	27658381	CHR3:27658381	SSF x Near_LoA	-10,3109774	0,023	0,304
CHR3	27661992	CHR3:27661992	SSF x Near_LoA	-8,81005501	0,052	0,309
CHR3	27662086	CHR3:27662086	SSF x Near_LoA	-10,4725832	0,022	0,317
CHR3	27662088	CHR3:27662088	SSF x Near_LoA	-11,2984898	0,049	0,304
CHR3	27665361	CHR3:27665361	SSF x Near_LoA	-4,69635299	-0,086	0,307
CHR3	27669182	CHR3:27669182	SSF x Near_LoA	-8,33126245	0,113	0,304
CHR3	27669253	CHR3:27669253	SSF x Near_LoA	-7,59525855	-0,062	0,319
CHR3	27669280	CHR3:27669280	SSF x Near_LoA	-7,02766112	-0,008	0,314
CHR3	27669396	CHR3:27669396	SSF x Near_LoA	-9,23437285	-0,109	0,287

CHR3	27671464	CHR3:27671464	SSF x Near_LoA	-8,05692631	0,126	0,314
CHR3	27675028	CHR3:27675028	SSF x Near_LoA	-9,84162017	0,024	0,320
CHR3	2767768	CHR3:2767768	SSF x Near_LoA	-9,51076222	0,026	0,291
CHR3	2767793	CHR3:2767793	SSF x Near_LoA	-8,96165215	-0,151	0,300
CHR3	2767797	CHR3:2767797	SSF x Near_LoA	-9,30259833	0,056	0,281
CHR3	2767802	CHR3:2767802	SSF x Near_LoA	-5,10113956	0,013	0,309
CHR3	27680987	CHR3:27680987	SSF x Near_LoA	-4,43159366	0,124	0,309
CHR3	27681148	CHR3:27681148	SSF x Near_LoA	-9,84985592	-0,132	0,299
CHR3	27681270	CHR3:27681270	SSF x Near_LoA	-10,4026988	0,080	0,307
CHR3	27681293	CHR3:27681293	SSF x Near_LoA	-9,00572233	0,089	0,290
CHR3	27690019	CHR3:27690019	SSF x Near_LoA	-9,57293607	0,033	0,310
CHR3	27690067	CHR3:27690067	SSF x Near_LoA	-8,56776989	0,053	0,309
CHR3	27693849	CHR3:27693849	SSF x Near_LoA	-6,2971716	0,053	0,311
CHR3	27696607	CHR3:27696607	SSF x Near_LoA	-8,73393679	-0,001	0,310
CHR3	27699908	CHR3:27699908	SSF x Near_LoA	-10,776645	-0,064	0,317
CHR3	27700084	CHR3:27700084	SSF x Near_LoA	-8,70859609	-0,146	0,296
CHR3	27700096	CHR3:27700096	SSF x Near_LoA	-8,66062375	-0,049	0,305
CHR3	27704932	CHR3:27704932	SSF x Near_LoA	-10,0855426	-0,107	0,308
CHR3	27705013	CHR3:27705013	SSF x Near_LoA	-8,65062275	-0,100	0,302
CHR3	27705176	CHR3:27705176	SSF x Near_LoA	-10,7709573	-0,079	0,299
CHR3	27720461	CHR3:27720461	SSF x Near_LoA	-7,97487417	-0,006	0,321
CHR3	27720475	CHR3:27720475	SSF x Near_LoA	-8,70859927	-0,044	0,309
CHR3	27720517	CHR3:27720517	SSF x Near_LoA	-8,58256577	-0,037	0,303
CHR3	27721974	CHR3:27721974	SSF x Near_LoA	-10,9466587	0,083	0,302
CHR3	27722061	CHR3:27722061	SSF x Near_LoA	-11,0365041	0,062	0,310
CHR3	27725027	CHR3:27725027	SSF x Near_LoA	-11,7133166	0,070	0,305
CHR3	27727071	CHR3:27727071	SSF x Near_LoA	-7,7417207	0,188	0,298
CHR3	27728281	CHR3:27728281	SSF x Near_LoA	-10,6515327	0,049	0,321
CHR3	27728345	CHR3:27728345	SSF x Near_LoA	-8,82945172	0,057	0,304
CHR3	27728391	CHR3:27728391	SSF x Near_LoA	-6,98479205	0,133	0,311
CHR3	27741161	CHR3:27741161	SSF x Near_LoA	-10,4960459	-0,104	0,318
CHR3	27741302	CHR3:27741302	SSF x Near_LoA	-9,30543018	0,039	0,296
CHR3	27751094	CHR3:27751094	SSF x Near_LoA	-8,84071038	-0,065	0,313
CHR3	27755861	CHR3:27755861	SSF x Near_LoA	-9,85088285	0,052	0,315
CHR3	27755945	CHR3:27755945	SSF x Near_LoA	-9,09483815	0,057	0,308
CHR3	27755946	CHR3:27755946	SSF x Near_LoA	-7,77685087	0,103	0,315
CHR3	27779835	CHR3:27779835	SSF x Near_LoA	-9,18683497	0,093	0,310
CHR3	27779862	CHR3:27779862	SSF x Near_LoA	-9,83647004	-0,095	0,318
CHR3	27785274	CHR3:27785274	SSF x Near_LoA	-8,22215605	0,148	0,292
CHR3	27788073	CHR3:27788073	SSF x Near_LoA	-4,28526289	-0,210	0,301
CHR3	27788134	CHR3:27788134	SSF x Near_LoA	-8,15026897	0,028	0,308
CHR3	27788234	CHR3:27788234	SSF x Near_LoA	-7,99286644	0,096	0,299
CHR3	27788250	CHR3:27788250	SSF x Near_LoA	-6,33915294	0,091	0,315
CHR3	27788253	CHR3:27788253	SSF x Near_LoA	-12,215645	0,008	0,294
CHR3	27798307	CHR3:27798307	SSF x Near_LoA	-9,23413999	0,035	0,303
CHR3	27798458	CHR3:27798458	SSF x Near_LoA	-5,99532964	0,107	0,304
CHR3	27798547	CHR3:27798547	SSF x Near_LoA	-8,83914223	-0,048	0,305
CHR3	27798730	CHR3:27798730	SSF x Near_LoA	-10,4050094	0,029	0,308
CHR3	27837417	CHR3:27837417	SSF x Near_LoA	-4,27276755	0,085	0,306
CHR3	27838694	CHR3:27838694	SSF x Near_LoA	-8,12385074	0,094	0,315
CHR3	27838858	CHR3:27838858	SSF x Near_LoA	-7,7382106	-0,066	0,321
CHR3	27838887	CHR3:27838887	SSF x Near_LoA	-9,07783802	-0,055	0,306
CHR3	27840102	CHR3:27840102	SSF x Near_LoA	-8,90735498	-0,088	0,303

CHR3	27842627	CHR3:27842627	SSF x Near_LoA	-7,20702511	-0,049	0,302
CHR3	27842628	CHR3:27842628	SSF x Near_LoA	-8,73395758	0,034	0,311
CHR3	27843552	CHR3:27843552	SSF x Near_LoA	-7,41697365	0,077	0,293
CHR3	27844970	CHR3:27844970	SSF x Near_LoA	-0,71991044	0,245	0,289
CHR3	27845176	CHR3:27845176	SSF x Near_LoA	-7,4536766	0,123	0,306
CHR3	27848634	CHR3:27848634	SSF x Near_LoA	-8,72396864	0,018	0,303
CHR3	27848658	CHR3:27848658	SSF x Near_LoA	-7,74771753	0,047	0,305
CHR3	27848811	CHR3:27848811	SSF x Near_LoA	-10,1192267	-0,001	0,318
CHR3	27858152	CHR3:27858152	SSF x Near_LoA	14,8828637	-0,205	0,283
CHR3	27858680	CHR3:27858680	SSF x Near_LoA	-9,79478627	0,027	0,294
CHR3	27858681	CHR3:27858681	SSF x Near_LoA	-10,3676799	0,009	0,304
CHR3	2786197	CHR3:2786197	SSF x Near_LoA	-9,14450396	-0,093	0,314
CHR3	27871465	CHR3:27871465	SSF x Near_LoA	-10,5224223	0,140	0,289
CHR3	27871575	CHR3:27871575	SSF x Near_LoA	-11,0562637	-0,015	0,312
CHR3	27871643	CHR3:27871643	SSF x Near_LoA	-10,4187554	0,084	0,308
CHR3	27871680	CHR3:27871680	SSF x Near_LoA	-8,84201455	-0,085	0,297
CHR3	27876092	CHR3:27876092	SSF x Near_LoA	-10,1930965	0,005	0,293
CHR3	27885056	CHR3:27885056	SSF x Near_LoA	-7,79599641	0,119	0,293
CHR3	27908588	CHR3:27908588	SSF x Near_LoA	-8,63298345	-0,108	0,295
CHR3	27908614	CHR3:27908614	SSF x Near_LoA	-8,51082868	0,076	0,302
CHR3	27917002	CHR3:27917002	SSF x Near_LoA	-9,58452093	-0,061	0,316
CHR3	27917018	CHR3:27917018	SSF x Near_LoA	-9,61394944	-0,045	0,306
CHR3	27917115	CHR3:27917115	SSF x Near_LoA	-10,5675873	-0,048	0,306
CHR3	27917177	CHR3:27917177	SSF x Near_LoA	-10,5256341	0,001	0,298
CHR3	27942691	CHR3:27942691	SSF x Near_LoA	-10,3437237	0,053	0,290
CHR3	27942696	CHR3:27942696	SSF x Near_LoA	-7,20350862	-0,007	0,313
CHR3	27942701	CHR3:27942701	SSF x Near_LoA	-10,2038641	0,033	0,310
CHR3	27942719	CHR3:27942719	SSF x Near_LoA	-10,5063785	0,073	0,307
CHR3	27942733	CHR3:27942733	SSF x Near_LoA	-9,84393354	0,057	0,319
CHR3	27942758	CHR3:27942758	SSF x Near_LoA	-9,95589604	-0,055	0,299
CHR3	27942822	CHR3:27942822	SSF x Near_LoA	-9,45613239	0,039	0,307
CHR3	27942861	CHR3:27942861	SSF x Near_LoA	-9,87334362	-0,002	0,303
CHR3	27942902	CHR3:27942902	SSF x Near_LoA	-9,31153478	0,000	0,299
CHR3	27942905	CHR3:27942905	SSF x Near_LoA	-10,2945393	-0,007	0,296
CHR3	27942922	CHR3:27942922	SSF x Near_LoA	-7,19840922	-0,013	0,300
CHR3	27942932	CHR3:27942932	SSF x Near_LoA	-8,66394125	-0,004	0,308
CHR3	27942937	CHR3:27942937	SSF x Near_LoA	-9,86225112	0,019	0,300
CHR3	27950291	CHR3:27950291	SSF x Near_LoA	-10,3691251	-0,034	0,311
CHR3	27952025	CHR3:27952025	SSF x Near_LoA	-7,87007317	0,076	0,323
CHR3	27960862	CHR3:27960862	SSF x Near_LoA	-9,96435174	-0,122	0,285
CHR3	27960872	CHR3:27960872	SSF x Near_LoA	-9,83498103	0,025	0,312
CHR3	27960876	CHR3:27960876	SSF x Near_LoA	-8,8772998	0,086	0,306
CHR3	27960918	CHR3:27960918	SSF x Near_LoA	12,5134168	0,168	0,294
CHR3	27960970	CHR3:27960970	SSF x Near_LoA	-8,47174377	0,172	0,300
CHR3	27961034	CHR3:27961034	SSF x Near_LoA	-9,4315312	-0,055	0,297
CHR3	27968091	CHR3:27968091	SSF x Near_LoA	-10,4275717	-0,054	0,304
CHR3	27968109	CHR3:27968109	SSF x Near_LoA	-9,76829982	-0,017	0,302
CHR3	27968366	CHR3:27968366	SSF x Near_LoA	-6,61392671	0,079	0,316
CHR3	27968403	CHR3:27968403	SSF x Near_LoA	-10,740471	0,037	0,302
CHR3	27981923	CHR3:27981923	SSF x Near_LoA	-11,3682479	0,006	0,312
CHR3	27989420	CHR3:27989420	SSF x Near_LoA	-9,37706619	0,024	0,313
CHR3	27989425	CHR3:27989425	SSF x Near_LoA	-8,86657135	-0,078	0,300
CHR3	27989454	CHR3:27989454	SSF x Near_LoA	-5,85093181	-0,093	0,314

CHR3	27997170	CHR3:27997170	SSF x Near_LoA	-6,94901761	0,047	0,312
CHR3	27997288	CHR3:27997288	SSF x Near_LoA	-7,87864966	-0,091	0,304
CHR3	27997292	CHR3:27997292	SSF x Near_LoA	-8,57392711	0,004	0,320
CHR3	27997319	CHR3:27997319	SSF x Near_LoA	-9,00474966	-0,046	0,313
CHR3	27997327	CHR3:27997327	SSF x Near_LoA	-9,70043983	0,142	0,307
CHR3	28000111	CHR3:28000111	SSF x Near_LoA	-8,68603452	0,091	0,307
CHR3	28011476	CHR3:28011476	SSF x Near_LoA	-9,51979953	-0,031	0,292
CHR3	28013527	CHR3:28013527	SSF x Near_LoA	-7,08097781	0,156	0,295
CHR3	28013586	CHR3:28013586	SSF x Near_LoA	-9,97203511	-0,050	0,306
CHR3	28015902	CHR3:28015902	SSF x Near_LoA	-8,52188886	0,144	0,298
CHR3	28024603	CHR3:28024603	SSF x Near_LoA	-9,75649117	-0,009	0,313
CHR3	28024839	CHR3:28024839	SSF x Near_LoA	-10,5848075	-0,032	0,315
CHR3	28036493	CHR3:28036493	SSF x Near_LoA	-8,41554192	-0,045	0,309
CHR3	28036540	CHR3:28036540	SSF x Near_LoA	-11,65182	-0,034	0,288
CHR3	28036542	CHR3:28036542	SSF x Near_LoA	-9,87648243	-0,027	0,299
CHR3	28038930	CHR3:28038930	SSF x Near_LoA	-10,3026935	-0,023	0,313
CHR3	28048350	CHR3:28048350	SSF x Near_LoA	-6,15182737	-0,035	0,311
CHR3	28048433	CHR3:28048433	SSF x Near_LoA	-9,90964944	0,059	0,297
CHR3	28048437	CHR3:28048437	SSF x Near_LoA	-8,7776477	-0,087	0,301
CHR3	28048461	CHR3:28048461	SSF x Near_LoA	-11,4366872	0,062	0,294
CHR3	28048475	CHR3:28048475	SSF x Near_LoA	-8,08810061	-0,066	0,311
CHR3	28048509	CHR3:28048509	SSF x Near_LoA	-7,95683841	0,082	0,300
CHR3	28048604	CHR3:28048604	SSF x Near_LoA	-11,1962489	0,021	0,313
CHR3	28049286	CHR3:28049286	SSF x Near_LoA	-10,7429929	-0,036	0,320
CHR3	28052668	CHR3:28052668	SSF x Near_LoA	-11,4542004	0,028	0,306
CHR3	28052672	CHR3:28052672	SSF x Near_LoA	-7,86664142	0,108	0,315
CHR3	28055780	CHR3:28055780	SSF x Near_LoA	-7,01914496	-0,012	0,311
CHR3	28055787	CHR3:28055787	SSF x Near_LoA	-10,4747709	0,016	0,308
CHR3	28055789	CHR3:28055789	SSF x Near_LoA	-9,51619433	-0,016	0,316
CHR3	28055837	CHR3:28055837	SSF x Near_LoA	-10,6329315	-0,045	0,300
CHR3	28056144	CHR3:28056144	SSF x Near_LoA	-9,95780309	-0,011	0,319
CHR3	28057065	CHR3:28057065	SSF x Near_LoA	-9,26914284	-0,006	0,301
CHR3	28057121	CHR3:28057121	SSF x Near_LoA	-8,7556801	0,071	0,308
CHR3	28057157	CHR3:28057157	SSF x Near_LoA	-10,4496636	-0,027	0,306
CHR3	28060308	CHR3:28060308	SSF x Near_LoA	-10,7725078	-0,004	0,308
CHR3	28060415	CHR3:28060415	SSF x Near_LoA	-9,55486812	0,016	0,297
CHR3	28075710	CHR3:28075710	SSF x Near_LoA	-8,48169779	0,027	0,317
CHR3	28075742	CHR3:28075742	SSF x Near_LoA	-6,54204897	0,031	0,316
CHR3	28075816	CHR3:28075816	SSF x Near_LoA	-10,3237142	0,001	0,321
CHR3	28085965	CHR3:28085965	SSF x Near_LoA	-12,0288436	-0,010	0,313
CHR3	2808974	CHR3:2808974	SSF x Near_LoA	-9,4543474	0,103	0,305
CHR3	2809191	CHR3:2809191	SSF x Near_LoA	-6,39506306	-0,015	0,314
CHR3	28092868	CHR3:28092868	SSF x Near_LoA	-9,80141081	-0,105	0,315
CHR3	28093376	CHR3:28093376	SSF x Near_LoA	-7,42390681	-0,123	0,308
CHR3	28094891	CHR3:28094891	SSF x Near_LoA	-10,9607872	-0,020	0,304
CHR3	28099088	CHR3:28099088	SSF x Near_LoA	-8,67422337	0,096	0,314
CHR3	28099332	CHR3:28099332	SSF x Near_LoA	-10,1556074	-0,072	0,307
CHR3	28103258	CHR3:28103258	SSF x Near_LoA	-8,74042009	-0,034	0,295
CHR3	28103370	CHR3:28103370	SSF x Near_LoA	-9,10541907	-0,023	0,311
CHR3	28103373	CHR3:28103373	SSF x Near_LoA	-9,33999464	-0,006	0,309
CHR3	28103375	CHR3:28103375	SSF x Near_LoA	-8,75098288	-0,030	0,299
CHR3	28103448	CHR3:28103448	SSF x Near_LoA	-10,1758105	-0,081	0,313
CHR3	28114052	CHR3:28114052	SSF x Near_LoA	-8,39994477	-0,006	0,301

CHR3	28114058	CHR3:28114058	SSF x Near_LoA	-7,14745238	0,012	0,300
CHR3	28119990	CHR3:28119990	SSF x Near_LoA	-7,18088082	-0,151	0,305
CHR3	28124211	CHR3:28124211	SSF x Near_LoA	-6,46672531	0,102	0,299
CHR3	28124227	CHR3:28124227	SSF x Near_LoA	-7,33564205	0,099	0,308
CHR3	28129669	CHR3:28129669	SSF x Near_LoA	-5,80833201	0,051	0,313
CHR3	2813811	CHR3:2813811	SSF x Near_LoA	-8,07653178	0,054	0,308
CHR3	2813843	CHR3:2813843	SSF x Near_LoA	-8,85286887	-0,078	0,314
CHR3	2813844	CHR3:2813844	SSF x Near_LoA	-8,78532537	-0,075	0,320
CHR3	2813855	CHR3:2813855	SSF x Near_LoA	-8,99981305	-0,007	0,306
CHR3	2813891	CHR3:2813891	SSF x Near_LoA	-8,48197451	0,066	0,310
CHR3	28142892	CHR3:28142892	SSF x Near_LoA	-8,82148575	-0,079	0,323
CHR3	28142901	CHR3:28142901	SSF x Near_LoA	-10,7328626	0,008	0,302
CHR3	28142929	CHR3:28142929	SSF x Near_LoA	-9,21456444	-0,024	0,317
CHR3	28142931	CHR3:28142931	SSF x Near_LoA	-5,60438655	-0,046	0,307
CHR3	28142934	CHR3:28142934	SSF x Near_LoA	-10,6509088	0,005	0,307
CHR3	28143081	CHR3:28143081	SSF x Near_LoA	-8,65183806	0,027	0,318
CHR3	28143118	CHR3:28143118	SSF x Near_LoA	-9,21123527	0,018	0,312
CHR3	28148639	CHR3:28148639	SSF x Near_LoA	-9,67334843	-0,004	0,317
CHR3	28156386	CHR3:28156386	SSF x Near_LoA	-8,50661257	-0,064	0,310
CHR3	28156397	CHR3:28156397	SSF x Near_LoA	-9,67747807	0,089	0,304
CHR3	28156405	CHR3:28156405	SSF x Near_LoA	-9,33000164	-0,085	0,299
CHR3	28167977	CHR3:28167977	SSF x Near_LoA	-9,75430538	0,123	0,310
CHR3	28168028	CHR3:28168028	SSF x Near_LoA	-3,45028436	0,133	0,297
CHR3	28168033	CHR3:28168033	SSF x Near_LoA	-7,84905015	-0,054	0,310
CHR3	28168087	CHR3:28168087	SSF x Near_LoA	-8,94529729	0,024	0,321
CHR3	28168090	CHR3:28168090	SSF x Near_LoA	-9,92576184	0,030	0,306
CHR3	28168128	CHR3:28168128	SSF x Near_LoA	-10,7906216	0,054	0,295
CHR3	28168224	CHR3:28168224	SSF x Near_LoA	-10,2832599	0,039	0,310
CHR3	28169818	CHR3:28169818	SSF x Near_LoA	-9,80307341	0,084	0,305
CHR3	28169914	CHR3:28169914	SSF x Near_LoA	-8,01782285	0,066	0,321
CHR3	28169923	CHR3:28169923	SSF x Near_LoA	-7,63304005	0,084	0,309
CHR3	28185111	CHR3:28185111	SSF x Near_LoA	-8,40006513	-0,115	0,310
CHR3	28193299	CHR3:28193299	SSF x Near_LoA	-10,6049979	-0,076	0,303
CHR3	28193302	CHR3:28193302	SSF x Near_LoA	-10,5099896	-0,067	0,309
CHR3	28193333	CHR3:28193333	SSF x Near_LoA	-8,27016451	0,102	0,313
CHR3	28193429	CHR3:28193429	SSF x Near_LoA	-5,29172008	0,088	0,296
CHR3	28193431	CHR3:28193431	SSF x Near_LoA	-7,8092114	0,120	0,303
CHR3	28193440	CHR3:28193440	SSF x Near_LoA	-5,13754157	0,136	0,305
CHR3	28193480	CHR3:28193480	SSF x Near_LoA	-9,41083985	-0,169	0,285
CHR3	28203152	CHR3:28203152	SSF x Near_LoA	-9,86346666	0,000	0,314
CHR3	28211532	CHR3:28211532	SSF x Near_LoA	-6,51829955	0,146	0,276
CHR3	28211596	CHR3:28211596	SSF x Near_LoA	-8,26897725	0,066	0,300
CHR3	28211726	CHR3:28211726	SSF x Near_LoA	-8,53514724	0,051	0,296
CHR3	28214274	CHR3:28214274	SSF x Near_LoA	-5,36653172	0,022	0,312
CHR3	28218998	CHR3:28218998	SSF x Near_LoA	-10,6879633	-0,009	0,302
CHR3	28219205	CHR3:28219205	SSF x Near_LoA	-8,30019982	-0,034	0,308
CHR3	28223113	CHR3:28223113	SSF x Near_LoA	-8,78080529	-0,083	0,301
CHR3	28223143	CHR3:28223143	SSF x Near_LoA	-6,33195789	0,124	0,295
CHR3	28223230	CHR3:28223230	SSF x Near_LoA	-9,3286625	0,031	0,306
CHR3	28238295	CHR3:28238295	SSF x Near_LoA	-8,73176771	-0,018	0,307
CHR3	28238408	CHR3:28238408	SSF x Near_LoA	-8,38573301	0,059	0,315
CHR3	28243266	CHR3:28243266	SSF x Near_LoA	-9,317521	-0,033	0,304
CHR3	28243337	CHR3:28243337	SSF x Near_LoA	-9,93352017	-0,015	0,316

CHR3	28243408	CHR3:28243408	SSF x Near_LoA	-10,0803041	-0,087	0,301
CHR3	28243434	CHR3:28243434	SSF x Near_LoA	-10,840403	-0,013	0,309
CHR3	28243439	CHR3:28243439	SSF x Near_LoA	-8,9037975	-0,054	0,307
CHR3	28243449	CHR3:28243449	SSF x Near_LoA	-9,70643923	-0,015	0,309
CHR3	28243474	CHR3:28243474	SSF x Near_LoA	-9,33630135	-0,052	0,301
CHR3	28243482	CHR3:28243482	SSF x Near_LoA	-10,239965	-0,088	0,310
CHR3	28249473	CHR3:28249473	SSF x Near_LoA	-8,48234968	-0,025	0,319
CHR3	28249479	CHR3:28249479	SSF x Near_LoA	-8,01933956	-0,017	0,307
CHR3	28249519	CHR3:28249519	SSF x Near_LoA	-9,46842671	-0,010	0,308
CHR3	28249524	CHR3:28249524	SSF x Near_LoA	-9,30978351	-0,021	0,307
CHR3	28253844	CHR3:28253844	SSF x Near_LoA	-9,58577734	-0,050	0,310
CHR3	28257318	CHR3:28257318	SSF x Near_LoA	-11,3865238	-0,106	0,312
CHR3	28257342	CHR3:28257342	SSF x Near_LoA	-10,2599087	-0,003	0,319
CHR3	28257431	CHR3:28257431	SSF x Near_LoA	-12,5690636	0,006	0,301
CHR3	28257465	CHR3:28257465	SSF x Near_LoA	-10,3948743	-0,070	0,289
CHR3	28257502	CHR3:28257502	SSF x Near_LoA	-6,01195738	0,050	0,306
CHR3	28257573	CHR3:28257573	SSF x Near_LoA	-4,36787674	0,014	0,306
CHR3	28257574	CHR3:28257574	SSF x Near_LoA	-9,24418692	-0,061	0,329
CHR3	28269205	CHR3:28269205	SSF x Near_LoA	-11,1051065	-0,012	0,306
CHR3	28274144	CHR3:28274144	SSF x Near_LoA	-10,3206039	-0,062	0,307
CHR3	28274267	CHR3:28274267	SSF x Near_LoA	-9,94125892	0,042	0,317
CHR3	28274356	CHR3:28274356	SSF x Near_LoA	-6,90412793	-0,042	0,324
CHR3	28279275	CHR3:28279275	SSF x Near_LoA	-9,6805426	0,053	0,294
CHR3	28279278	CHR3:28279278	SSF x Near_LoA	-9,96237706	-0,081	0,301
CHR3	28279290	CHR3:28279290	SSF x Near_LoA	-8,34647974	-0,016	0,317
CHR3	28279350	CHR3:28279350	SSF x Near_LoA	-9,30162157	-0,093	0,305
CHR3	28279352	CHR3:28279352	SSF x Near_LoA	-8,44413382	-0,097	0,313
CHR3	28279355	CHR3:28279355	SSF x Near_LoA	-8,85305579	0,123	0,306
CHR3	28279397	CHR3:28279397	SSF x Near_LoA	-6,75692779	0,031	0,308
CHR3	28279420	CHR3:28279420	SSF x Near_LoA	-10,0342389	0,136	0,316
CHR3	28279422	CHR3:28279422	SSF x Near_LoA	-10,6664855	0,109	0,313
CHR3	28279506	CHR3:28279506	SSF x Near_LoA	-8,24962354	-0,075	0,290
CHR3	28295658	CHR3:28295658	SSF x Near_LoA	-3,80430432	0,136	0,297
CHR3	28300120	CHR3:28300120	SSF x Near_LoA	-8,78464965	0,011	0,311
CHR3	28300121	CHR3:28300121	SSF x Near_LoA	-9,45487859	0,002	0,315
CHR3	28300136	CHR3:28300136	SSF x Near_LoA	-9,94001172	0,019	0,309
CHR3	28300144	CHR3:28300144	SSF x Near_LoA	-8,69379559	-0,050	0,327
CHR3	28300222	CHR3:28300222	SSF x Near_LoA	-10,212474	0,008	0,310
CHR3	28300223	CHR3:28300223	SSF x Near_LoA	-8,81438163	-0,103	0,310
CHR3	28300251	CHR3:28300251	SSF x Near_LoA	-9,36516172	0,022	0,321
CHR3	28300257	CHR3:28300257	SSF x Near_LoA	-11,4068075	-0,075	0,310
CHR3	28300275	CHR3:28300275	SSF x Near_LoA	-6,80791375	0,175	0,314
CHR3	28306304	CHR3:28306304	SSF x Near_LoA	-10,9079812	-0,020	0,305
CHR3	28306332	CHR3:28306332	SSF x Near_LoA	-8,84330314	0,078	0,293
CHR3	28306340	CHR3:28306340	SSF x Near_LoA	-9,38983453	0,016	0,307
CHR3	28319250	CHR3:28319250	SSF x Near_LoA	-9,78368248	-0,043	0,312
CHR3	28319360	CHR3:28319360	SSF x Near_LoA	-10,4956639	0,068	0,324
CHR3	28319403	CHR3:28319403	SSF x Near_LoA	-7,58054118	0,114	0,303
CHR3	28319444	CHR3:28319444	SSF x Near_LoA	-8,97322153	-0,050	0,310
CHR3	28319452	CHR3:28319452	SSF x Near_LoA	-7,89975363	0,088	0,304
CHR3	2832321	CHR3:2832321	SSF x Near_LoA	-11,060909	0,072	0,304
CHR3	28332958	CHR3:28332958	SSF x Near_LoA	-5,5015328	-0,050	0,320
CHR3	28338935	CHR3:28338935	SSF x Near_LoA	-8,05529357	0,017	0,310

CHR3	28345264	CHR3:28345264	SSF x Near_LoA	-8,21377198	0,123	0,307
CHR3	28345900	CHR3:28345900	SSF x Near_LoA	-8,41642592	-0,137	0,304
CHR3	28345942	CHR3:28345942	SSF x Near_LoA	-9,35779269	-0,015	0,324
CHR3	28359377	CHR3:28359377	SSF x Near_LoA	-2,44075023	0,108	0,299
CHR3	28408488	CHR3:28408488	SSF x Near_LoA	-7,58916117	-0,084	0,305
CHR3	28408603	CHR3:28408603	SSF x Near_LoA	-8,71359816	0,042	0,311
CHR3	28416272	CHR3:28416272	SSF x Near_LoA	-7,84547469	-0,066	0,314
CHR3	28416316	CHR3:28416316	SSF x Near_LoA	-7,4397683	0,108	0,310
CHR3	28416350	CHR3:28416350	SSF x Near_LoA	-9,49553393	-0,048	0,329
CHR3	28416388	CHR3:28416388	SSF x Near_LoA	-8,71994765	0,088	0,303
CHR3	28420167	CHR3:28420167	SSF x Near_LoA	-8,89533576	-0,084	0,315
CHR3	28420187	CHR3:28420187	SSF x Near_LoA	-11,7157871	-0,071	0,301
CHR3	28420353	CHR3:28420353	SSF x Near_LoA	-11,2555277	-0,001	0,295
CHR3	28420393	CHR3:28420393	SSF x Near_LoA	-10,1358034	0,121	0,311
CHR3	28423308	CHR3:28423308	SSF x Near_LoA	-10,4659081	-0,001	0,307
CHR3	28423321	CHR3:28423321	SSF x Near_LoA	0,71355338	0,249	0,282
CHR3	28423330	CHR3:28423330	SSF x Near_LoA	-7,5935629	0,226	0,299
CHR3	28423335	CHR3:28423335	SSF x Near_LoA	-11,3282902	0,015	0,307
CHR3	28423358	CHR3:28423358	SSF x Near_LoA	-8,97024266	-0,006	0,308
CHR3	28423410	CHR3:28423410	SSF x Near_LoA	-8,12562894	-0,097	0,298
CHR3	28425361	CHR3:28425361	SSF x Near_LoA	-6,7490525	-0,080	0,310
CHR3	28434774	CHR3:28434774	SSF x Near_LoA	-9,26903608	0,080	0,309
CHR3	28436158	CHR3:28436158	SSF x Near_LoA	-9,12352532	-0,124	0,317
CHR3	28436235	CHR3:28436235	SSF x Near_LoA	-11,490617	-0,058	0,315
CHR3	28436237	CHR3:28436237	SSF x Near_LoA	-9,50919331	0,048	0,302
CHR3	28436245	CHR3:28436245	SSF x Near_LoA	-9,47193028	-0,006	0,307
CHR3	28436258	CHR3:28436258	SSF x Near_LoA	-9,20105063	0,011	0,302
CHR3	28436282	CHR3:28436282	SSF x Near_LoA	-8,23426095	0,035	0,295
CHR3	28436302	CHR3:28436302	SSF x Near_LoA	-6,686468	-0,097	0,286
CHR3	28436318	CHR3:28436318	SSF x Near_LoA	-5,99485402	0,023	0,302
CHR3	28436323	CHR3:28436323	SSF x Near_LoA	-7,93517051	-0,086	0,303
CHR3	28436389	CHR3:28436389	SSF x Near_LoA	-11,2186064	0,014	0,294
CHR3	28437799	CHR3:28437799	SSF x Near_LoA	-9,70629383	0,099	0,312
CHR3	28446516	CHR3:28446516	SSF x Near_LoA	-6,69131529	-0,214	0,281
CHR3	28446533	CHR3:28446533	SSF x Near_LoA	-10,4660883	0,118	0,295
CHR3	28446664	CHR3:28446664	SSF x Near_LoA	-11,5559514	0,034	0,301
CHR3	28446678	CHR3:28446678	SSF x Near_LoA	-8,03423043	-0,056	0,303
CHR3	28446695	CHR3:28446695	SSF x Near_LoA	-8,86433201	0,053	0,306
CHR3	28446763	CHR3:28446763	SSF x Near_LoA	-9,14756418	-0,033	0,299
CHR3	28448112	CHR3:28448112	SSF x Near_LoA	-0,41037453	-0,045	0,301
CHR3	28455198	CHR3:28455198	SSF x Near_LoA	-8,42863481	0,003	0,316
CHR3	28455240	CHR3:28455240	SSF x Near_LoA	-10,400115	-0,026	0,306
CHR3	28455243	CHR3:28455243	SSF x Near_LoA	-9,16556494	-0,003	0,310
CHR3	28455258	CHR3:28455258	SSF x Near_LoA	-9,77052486	-0,112	0,302
CHR3	28455286	CHR3:28455286	SSF x Near_LoA	-5,47837645	-0,106	0,309
CHR3	28455332	CHR3:28455332	SSF x Near_LoA	-6,04184744	0,045	0,309
CHR3	28455367	CHR3:28455367	SSF x Near_LoA	-9,88180416	-0,026	0,309
CHR3	28455417	CHR3:28455417	SSF x Near_LoA	-8,50472006	0,111	0,301
CHR3	28466067	CHR3:28466067	SSF x Near_LoA	-10,575194	0,019	0,301
CHR3	28466069	CHR3:28466069	SSF x Near_LoA	-11,3126605	-0,019	0,309
CHR3	28466072	CHR3:28466072	SSF x Near_LoA	-5,13888109	-0,131	0,300
CHR3	28466089	CHR3:28466089	SSF x Near_LoA	-7,55379708	0,009	0,314
CHR3	28466227	CHR3:28466227	SSF x Near_LoA	-11,0430717	-0,019	0,311

CHR3	28466333	CHR3:28466333	SSF x Near_LoA	-9,22060274	0,040	0,332
CHR3	28466346	CHR3:28466346	SSF x Near_LoA	-10,1843034	0,061	0,322
CHR3	28466348	CHR3:28466348	SSF x Near_LoA	-9,55946068	0,038	0,299
CHR3	28466349	CHR3:28466349	SSF x Near_LoA	-9,85867041	0,082	0,307
CHR3	28479956	CHR3:28479956	SSF x Near_LoA	-11,1410451	0,013	0,308
CHR3	28480025	CHR3:28480025	SSF x Near_LoA	-10,4978095	0,063	0,310
CHR3	28480054	CHR3:28480054	SSF x Near_LoA	-10,5165705	-0,124	0,312
CHR3	28480059	CHR3:28480059	SSF x Near_LoA	-8,67209023	-0,113	0,313
CHR3	28481129	CHR3:28481129	SSF x Near_LoA	-10,1965408	0,006	0,315
CHR3	28481217	CHR3:28481217	SSF x Near_LoA	2,24157622	0,125	0,311
CHR3	28482875	CHR3:28482875	SSF x Near_LoA	-8,88994402	-0,031	0,303
CHR3	28482882	CHR3:28482882	SSF x Near_LoA	-8,16446882	-0,001	0,315
CHR3	28482941	CHR3:28482941	SSF x Near_LoA	-10,8761742	0,015	0,290
CHR3	28482955	CHR3:28482955	SSF x Near_LoA	-10,0327774	0,008	0,298
CHR3	28489678	CHR3:28489678	SSF x Near_LoA	-11,191512	0,021	0,323
CHR3	28489880	CHR3:28489880	SSF x Near_LoA	-6,58014405	-0,078	0,310
CHR3	28489881	CHR3:28489881	SSF x Near_LoA	-7,37109312	-0,084	0,292
CHR3	28489998	CHR3:28489998	SSF x Near_LoA	-8,46587052	0,063	0,309
CHR3	28490000	CHR3:28490000	SSF x Near_LoA	-9,66505098	0,059	0,294
CHR3	28490088	CHR3:28490088	SSF x Near_LoA	-10,8640042	0,010	0,319
CHR3	28500926	CHR3:28500926	SSF x Near_LoA	-6,77646927	0,082	0,306
CHR3	28500939	CHR3:28500939	SSF x Near_LoA	-9,71597768	0,146	0,295
CHR3	28501276	CHR3:28501276	SSF x Near_LoA	-2,02939848	0,012	0,316
CHR3	28504514	CHR3:28504514	SSF x Near_LoA	-8,9670149	0,042	0,291
CHR3	28504518	CHR3:28504518	SSF x Near_LoA	-9,32888162	0,095	0,304
CHR3	28504529	CHR3:28504529	SSF x Near_LoA	-6,14072235	-0,003	0,295
CHR3	28504557	CHR3:28504557	SSF x Near_LoA	-8,31276908	0,016	0,302
CHR3	28504560	CHR3:28504560	SSF x Near_LoA	-8,89011373	-0,020	0,289
CHR3	28504591	CHR3:28504591	SSF x Near_LoA	-9,46728204	-0,025	0,295
CHR3	28505645	CHR3:28505645	SSF x Near_LoA	-9,33340209	0,074	0,297
CHR3	28505648	CHR3:28505648	SSF x Near_LoA	-9,97794188	-0,068	0,291
CHR3	28505658	CHR3:28505658	SSF x Near_LoA	-8,90341822	0,071	0,311
CHR3	28505738	CHR3:28505738	SSF x Near_LoA	-9,50136146	0,040	0,314
CHR3	28507736	CHR3:28507736	SSF x Near_LoA	-11,8053721	0,102	0,303
CHR3	28507887	CHR3:28507887	SSF x Near_LoA	-9,52147274	-0,076	0,307
CHR3	28511564	CHR3:28511564	SSF x Near_LoA	-11,6115097	0,059	0,302
CHR3	28511653	CHR3:28511653	SSF x Near_LoA	-10,4075728	0,003	0,312
CHR3	28511734	CHR3:28511734	SSF x Near_LoA	-10,5269434	0,037	0,311
CHR3	28518413	CHR3:28518413	SSF x Near_LoA	-6,13366986	0,131	0,313
CHR3	28527862	CHR3:28527862	SSF x Near_LoA	-2,63620678	0,161	0,307
CHR3	28527910	CHR3:28527910	SSF x Near_LoA	-9,08314664	0,006	0,303
CHR3	28527916	CHR3:28527916	SSF x Near_LoA	-9,11615733	-0,070	0,295
CHR3	28528051	CHR3:28528051	SSF x Near_LoA	-7,33943536	-0,011	0,310
CHR3	28531273	CHR3:28531273	SSF x Near_LoA	-10,6643696	0,019	0,314
CHR3	28531289	CHR3:28531289	SSF x Near_LoA	-10,4293712	-0,028	0,314
CHR3	28531782	CHR3:28531782	SSF x Near_LoA	-6,37494296	0,046	0,307
CHR3	28547713	CHR3:28547713	SSF x Near_LoA	-8,87895174	-0,037	0,316
CHR3	28556265	CHR3:28556265	SSF x Near_LoA	-9,43757572	-0,017	0,297
CHR3	28556293	CHR3:28556293	SSF x Near_LoA	-8,6334434	0,170	0,296
CHR3	28556303	CHR3:28556303	SSF x Near_LoA	-4,52598341	0,058	0,311
CHR3	28556319	CHR3:28556319	SSF x Near_LoA	-8,43827497	-0,050	0,315
CHR3	28563979	CHR3:28563979	SSF x Near_LoA	-6,1228595	-0,085	0,294
CHR3	28563997	CHR3:28563997	SSF x Near_LoA	-10,2290525	-0,045	0,310

CHR3	28564031	CHR3:28564031	SSF x Near_LoA	-9,92061276	-0,071	0,307
CHR3	28564062	CHR3:28564062	SSF x Near_LoA	-10,4509914	-0,040	0,318
CHR3	28567522	CHR3:28567522	SSF x Near_LoA	-9,87268136	0,102	0,300
CHR3	28567526	CHR3:28567526	SSF x Near_LoA	-9,9616013	-0,073	0,306
CHR3	28568948	CHR3:28568948	SSF x Near_LoA	-10,9937098	0,026	0,311
CHR3	28585237	CHR3:28585237	SSF x Near_LoA	-10,1192066	-0,054	0,307
CHR3	28585456	CHR3:28585456	SSF x Near_LoA	-8,89656837	0,070	0,302
CHR3	28594891	CHR3:28594891	SSF x Near_LoA	-8,45524249	0,017	0,306
CHR3	28594910	CHR3:28594910	SSF x Near_LoA	-9,11327528	-0,039	0,300
CHR3	28594972	CHR3:28594972	SSF x Near_LoA	-10,9436446	0,034	0,311
CHR3	2860093	CHR3:2860093	SSF x Near_LoA	-9,18651901	-0,025	0,312
CHR3	28601127	CHR3:28601127	SSF x Near_LoA	-4,30950681	0,115	0,305
CHR3	28601131	CHR3:28601131	SSF x Near_LoA	-9,52673782	0,100	0,310
CHR3	28601192	CHR3:28601192	SSF x Near_LoA	-6,86709172	-0,145	0,295
CHR3	28601194	CHR3:28601194	SSF x Near_LoA	-8,44187652	-0,147	0,290
CHR3	28601210	CHR3:28601210	SSF x Near_LoA	-11,4115265	-0,048	0,296
CHR3	28601214	CHR3:28601214	SSF x Near_LoA	-9,86144084	-0,054	0,307
CHR3	28601249	CHR3:28601249	SSF x Near_LoA	-8,93466381	0,131	0,301
CHR3	28601331	CHR3:28601331	SSF x Near_LoA	-0,07921118	-0,059	0,320
CHR3	28601343	CHR3:28601343	SSF x Near_LoA	-9,23346086	-0,134	0,302
CHR3	28601368	CHR3:28601368	SSF x Near_LoA	-8,94305566	0,098	0,310
CHR3	28638606	CHR3:28638606	SSF x Near_LoA	-9,97968952	0,028	0,309
CHR3	28638852	CHR3:28638852	SSF x Near_LoA	-10,0613796	0,060	0,307
CHR3	28647215	CHR3:28647215	SSF x Near_LoA	-9,94164759	-0,033	0,324
CHR3	28651236	CHR3:28651236	SSF x Near_LoA	-8,13560477	-0,028	0,290
CHR3	28651285	CHR3:28651285	SSF x Near_LoA	-8,92528795	-0,026	0,309
CHR3	28651379	CHR3:28651379	SSF x Near_LoA	-3,847994	0,013	0,304
CHR3	28653556	CHR3:28653556	SSF x Near_LoA	-9,42021725	0,118	0,304
CHR3	28658382	CHR3:28658382	SSF x Near_LoA	-12,15724	-0,017	0,305
CHR3	28658467	CHR3:28658467	SSF x Near_LoA	-7,88155154	0,008	0,314
CHR3	28658495	CHR3:28658495	SSF x Near_LoA	-8,6832981	-0,018	0,300
CHR3	28668001	CHR3:28668001	SSF x Near_LoA	-8,60434287	0,015	0,306
CHR3	28668140	CHR3:28668140	SSF x Near_LoA	-10,0446318	-0,028	0,316
CHR3	28672970	CHR3:28672970	SSF x Near_LoA	-10,4796506	0,059	0,301
CHR3	2867609	CHR3:2867609	SSF x Near_LoA	-8,76768925	-0,042	0,316
CHR3	28676960	CHR3:28676960	SSF x Near_LoA	-9,776431	-0,001	0,300
CHR3	28676966	CHR3:28676966	SSF x Near_LoA	-9,85155531	-0,013	0,307
CHR3	28677001	CHR3:28677001	SSF x Near_LoA	-9,07954986	-0,032	0,311
CHR3	28677038	CHR3:28677038	SSF x Near_LoA	-10,4595571	0,069	0,311
CHR3	28685543	CHR3:28685543	SSF x Near_LoA	-8,38661283	0,065	0,320
CHR3	28685573	CHR3:28685573	SSF x Near_LoA	-9,67018355	-0,018	0,309
CHR3	28685577	CHR3:28685577	SSF x Near_LoA	-7,26785124	-0,014	0,320
CHR3	28689338	CHR3:28689338	SSF x Near_LoA	-10,6133995	-0,047	0,305
CHR3	28689414	CHR3:28689414	SSF x Near_LoA	-11,0138945	0,002	0,298
CHR3	28689584	CHR3:28689584	SSF x Near_LoA	-7,10463962	0,177	0,298
CHR3	28689609	CHR3:28689609	SSF x Near_LoA	-7,53298063	-0,135	0,306
CHR3	28699367	CHR3:28699367	SSF x Near_LoA	-10,5095373	0,048	0,298
CHR3	28699496	CHR3:28699496	SSF x Near_LoA	-7,80127184	-0,102	0,294
CHR3	28699505	CHR3:28699505	SSF x Near_LoA	-11,2819359	-0,007	0,298
CHR3	28715510	CHR3:28715510	SSF x Near_LoA	-9,25333182	0,092	0,307
CHR3	28717348	CHR3:28717348	SSF x Near_LoA	-10,4664187	-0,065	0,314
CHR3	28717444	CHR3:28717444	SSF x Near_LoA	-11,4213402	-0,022	0,308
CHR3	28717448	CHR3:28717448	SSF x Near_LoA	-8,93941	-0,025	0,304

CHR3	28735649	CHR3:28735649	SSF x Near_LoA	-9,24777778	0,013	0,317
CHR3	28736539	CHR3:28736539	SSF x Near_LoA	-8,53399773	-0,107	0,308
CHR3	28736545	CHR3:28736545	SSF x Near_LoA	-4,01851846	-0,075	0,308
CHR3	28736547	CHR3:28736547	SSF x Near_LoA	-7,82172281	-0,110	0,316
CHR3	28736589	CHR3:28736589	SSF x Near_LoA	-11,5330955	0,043	0,306
CHR3	28739669	CHR3:28739669	SSF x Near_LoA	-9,27403705	0,076	0,315
CHR3	28740516	CHR3:28740516	SSF x Near_LoA	-11,1838131	0,030	0,316
CHR3	28740604	CHR3:28740604	SSF x Near_LoA	-9,85594485	0,068	0,301
CHR3	28740618	CHR3:28740618	SSF x Near_LoA	-9,44692665	0,134	0,291
CHR3	28740621	CHR3:28740621	SSF x Near_LoA	-6,23655955	0,071	0,292
CHR3	28740674	CHR3:28740674	SSF x Near_LoA	-9,85250231	0,122	0,299
CHR3	28740773	CHR3:28740773	SSF x Near_LoA	-6,49918306	-0,172	0,292
CHR3	28747292	CHR3:28747292	SSF x Near_LoA	-10,1067867	-0,098	0,310
CHR3	28747296	CHR3:28747296	SSF x Near_LoA	-9,72075967	0,023	0,302
CHR3	28767212	CHR3:28767212	SSF x Near_LoA	-7,82773265	0,018	0,310
CHR3	28767268	CHR3:28767268	SSF x Near_LoA	-10,9745668	-0,144	0,287
CHR3	28767307	CHR3:28767307	SSF x Near_LoA	-8,62332704	-0,028	0,298
CHR3	28768297	CHR3:28768297	SSF x Near_LoA	-8,9875477	0,070	0,309
CHR3	28773179	CHR3:28773179	SSF x Near_LoA	-8,27081	-0,151	0,310
CHR3	28773241	CHR3:28773241	SSF x Near_LoA	-8,91973535	-0,156	0,304
CHR3	28773270	CHR3:28773270	SSF x Near_LoA	-7,40879002	-0,091	0,326
CHR3	28773379	CHR3:28773379	SSF x Near_LoA	-10,1308051	-0,089	0,304
CHR3	28773525	CHR3:28773525	SSF x Near_LoA	-9,28980773	-0,095	0,305
CHR3	2878818	CHR3:2878818	SSF x Near_LoA	-9,85472031	0,029	0,306
CHR3	2879358	CHR3:2879358	SSF x Near_LoA	-4,34744695	0,113	0,326
CHR3	2879427	CHR3:2879427	SSF x Near_LoA	-8,34739983	0,065	0,315
CHR3	28804846	CHR3:28804846	SSF x Near_LoA	-7,0413477	-0,095	0,317
CHR3	28804876	CHR3:28804876	SSF x Near_LoA	-8,47407942	-0,196	0,304
CHR3	28804886	CHR3:28804886	SSF x Near_LoA	-8,13277182	-0,112	0,311
CHR3	28804896	CHR3:28804896	SSF x Near_LoA	-8,99129581	-0,028	0,314
CHR3	28804964	CHR3:28804964	SSF x Near_LoA	-11,769341	0,018	0,299
CHR3	28804965	CHR3:28804965	SSF x Near_LoA	-11,256682	0,040	0,304
CHR3	28804976	CHR3:28804976	SSF x Near_LoA	-8,89311556	-0,136	0,313
CHR3	28804978	CHR3:28804978	SSF x Near_LoA	-10,9340807	-0,091	0,302
CHR3	28805000	CHR3:28805000	SSF x Near_LoA	-10,47337	-0,087	0,309
CHR3	28805001	CHR3:28805001	SSF x Near_LoA	-3,62662145	-0,088	0,318
CHR3	28805018	CHR3:28805018	SSF x Near_LoA	-10,2949536	-0,086	0,308
CHR3	28805020	CHR3:28805020	SSF x Near_LoA	-9,5478672	0,134	0,310
CHR3	28811278	CHR3:28811278	SSF x Near_LoA	-7,54853644	-0,102	0,306
CHR3	28811446	CHR3:28811446	SSF x Near_LoA	-9,15572897	0,042	0,309
CHR3	28814686	CHR3:28814686	SSF x Near_LoA	-11,0822992	-0,042	0,298
CHR3	28814783	CHR3:28814783	SSF x Near_LoA	-7,59570154	0,139	0,306
CHR3	28822113	CHR3:28822113	SSF x Near_LoA	-9,22634493	-0,090	0,313
CHR3	28822310	CHR3:28822310	SSF x Near_LoA	-9,75077106	0,030	0,313
CHR3	28822418	CHR3:28822418	SSF x Near_LoA	-11,6106276	0,040	0,289
CHR3	28826022	CHR3:28826022	SSF x Near_LoA	-9,190498	-0,119	0,287
CHR3	28826023	CHR3:28826023	SSF x Near_LoA	-8,53706314	0,060	0,309
CHR3	28826028	CHR3:28826028	SSF x Near_LoA	-8,70280392	0,079	0,293
CHR3	28826049	CHR3:28826049	SSF x Near_LoA	-9,01877805	0,054	0,310
CHR3	28826156	CHR3:28826156	SSF x Near_LoA	-10,5754737	-0,081	0,306
CHR3	28826272	CHR3:28826272	SSF x Near_LoA	-11,4723861	0,018	0,295
CHR3	28826296	CHR3:28826296	SSF x Near_LoA	-8,00183086	-0,029	0,309
CHR3	28826327	CHR3:28826327	SSF x Near_LoA	-7,84140564	-0,045	0,314

CHR3	28826328	CHR3:28826328	SSF x Near_LoA	-10,0589282	0,025	0,312
CHR3	28826335	CHR3:28826335	SSF x Near_LoA	-5,07263928	-0,048	0,313
CHR3	28826339	CHR3:28826339	SSF x Near_LoA	-10,1028596	0,027	0,296
CHR3	28832277	CHR3:28832277	SSF x Near_LoA	-10,5172766	0,027	0,296
CHR3	28832337	CHR3:28832337	SSF x Near_LoA	-9,47711574	-0,068	0,311
CHR3	28832344	CHR3:28832344	SSF x Near_LoA	-9,22438369	-0,089	0,300
CHR3	28832518	CHR3:28832518	SSF x Near_LoA	-8,98325838	0,006	0,312
CHR3	2883458	CHR3:2883458	SSF x Near_LoA	-10,4789419	0,039	0,305
CHR3	2883511	CHR3:2883511	SSF x Near_LoA	-11,1456866	0,013	0,306
CHR3	28844193	CHR3:28844193	SSF x Near_LoA	-8,14174736	-0,029	0,313
CHR3	28844251	CHR3:28844251	SSF x Near_LoA	-7,95058005	0,071	0,311
CHR3	28844452	CHR3:28844452	SSF x Near_LoA	-8,36158953	0,063	0,309
CHR3	28849082	CHR3:28849082	SSF x Near_LoA	-9,79119186	-0,086	0,299
CHR3	28849183	CHR3:28849183	SSF x Near_LoA	-10,0308852	0,082	0,304
CHR3	28854992	CHR3:28854992	SSF x Near_LoA	-4,97047496	0,056	0,306
CHR3	28855212	CHR3:28855212	SSF x Near_LoA	-8,79300035	-0,001	0,313
CHR3	28863899	CHR3:28863899	SSF x Near_LoA	-9,6309007	0,078	0,311
CHR3	28864077	CHR3:28864077	SSF x Near_LoA	-8,71139086	-0,032	0,317
CHR3	28880400	CHR3:28880400	SSF x Near_LoA	-6,76293577	-0,127	0,319
CHR3	28880505	CHR3:28880505	SSF x Near_LoA	-7,97841403	-0,127	0,299
CHR3	28884413	CHR3:28884413	SSF x Near_LoA	-12,117145	-0,001	0,319
CHR3	28884493	CHR3:28884493	SSF x Near_LoA	-9,10014075	-0,002	0,328
CHR3	28890322	CHR3:28890322	SSF x Near_LoA	-10,5299964	0,107	0,305
CHR3	28893730	CHR3:28893730	SSF x Near_LoA	-10,0378838	0,020	0,318
CHR3	28893733	CHR3:28893733	SSF x Near_LoA	-0,59804765	-0,107	0,305
CHR3	28897347	CHR3:28897347	SSF x Near_LoA	-8,36274112	0,042	0,325
CHR3	28899836	CHR3:28899836	SSF x Near_LoA	-11,1099672	0,034	0,310
CHR3	28899847	CHR3:28899847	SSF x Near_LoA	-8,04823229	-0,085	0,294
CHR3	28903065	CHR3:28903065	SSF x Near_LoA	-7,29445896	0,098	0,311
CHR3	28903111	CHR3:28903111	SSF x Near_LoA	-7,82047272	0,047	0,296
CHR3	28903122	CHR3:28903122	SSF x Near_LoA	-11,6143047	0,001	0,307
CHR3	28912421	CHR3:28912421	SSF x Near_LoA	-9,51551469	0,058	0,310
CHR3	28918420	CHR3:28918420	SSF x Near_LoA	-9,99217967	-0,032	0,320
CHR3	28918468	CHR3:28918468	SSF x Near_LoA	-6,48291911	-0,001	0,303
CHR3	28918508	CHR3:28918508	SSF x Near_LoA	-7,17898116	-0,136	0,306
CHR3	28918571	CHR3:28918571	SSF x Near_LoA	-10,3020174	-0,085	0,304
CHR3	28918573	CHR3:28918573	SSF x Near_LoA	-10,3107908	0,067	0,313
CHR3	28928482	CHR3:28928482	SSF x Near_LoA	-10,4618732	0,014	0,311
CHR3	28930657	CHR3:28930657	SSF x Near_LoA	-9,79700421	-0,039	0,305
CHR3	28930710	CHR3:28930710	SSF x Near_LoA	3,07787907	-0,142	0,320
CHR3	28930823	CHR3:28930823	SSF x Near_LoA	-7,43604429	0,096	0,303
CHR3	28939017	CHR3:28939017	SSF x Near_LoA	-7,38163674	0,121	0,315
CHR3	28940342	CHR3:28940342	SSF x Near_LoA	-8,38423653	-0,092	0,306
CHR3	28940395	CHR3:28940395	SSF x Near_LoA	-3,28236894	0,165	0,319
CHR3	28946534	CHR3:28946534	SSF x Near_LoA	-7,17773355	0,165	0,296
CHR3	28950768	CHR3:28950768	SSF x Near_LoA	-9,14199807	-0,131	0,312
CHR3	28950822	CHR3:28950822	SSF x Near_LoA	-8,37066741	-0,091	0,313
CHR3	28952486	CHR3:28952486	SSF x Near_LoA	-9,44431329	-0,068	0,296
CHR3	28952488	CHR3:28952488	SSF x Near_LoA	-7,96897702	-0,067	0,296
CHR3	28952552	CHR3:28952552	SSF x Near_LoA	-6,93924297	0,056	0,300
CHR3	28952588	CHR3:28952588	SSF x Near_LoA	-8,98916616	-0,044	0,313
CHR3	28952697	CHR3:28952697	SSF x Near_LoA	-9,47695671	-0,035	0,298
CHR3	28954398	CHR3:28954398	SSF x Near_LoA	-9,46705618	0,045	0,302

CHR3	28961533	CHR3:28961533	SSF x Near_LoA	-10,2034548	0,092	0,303
CHR3	28968373	CHR3:28968373	SSF x Near_LoA	-9,24680424	0,016	0,311
CHR3	28991399	CHR3:28991399	SSF x Near_LoA	-9,44906543	0,041	0,309
CHR3	28991516	CHR3:28991516	SSF x Near_LoA	-10,2791361	0,042	0,293
CHR3	28991532	CHR3:28991532	SSF x Near_LoA	-8,8542638	0,044	0,317
CHR3	28994241	CHR3:28994241	SSF x Near_LoA	-8,03429415	0,066	0,303
CHR3	28996445	CHR3:28996445	SSF x Near_LoA	-6,87187265	-0,076	0,314
CHR3	28996454	CHR3:28996454	SSF x Near_LoA	-11,338764	0,038	0,320
CHR3	28996595	CHR3:28996595	SSF x Near_LoA	-7,74119047	-0,052	0,312
CHR3	29011430	CHR3:29011430	SSF x Near_LoA	-10,4232683	-0,107	0,312
CHR3	2902860	CHR3:2902860	SSF x Near_LoA	7,52836944	-0,135	0,312
CHR3	2903050	CHR3:2903050	SSF x Near_LoA	-5,85430937	-0,170	0,304
CHR3	290357	CHR3:290357	SSF x Near_LoA	-11,1647603	0,043	0,298
CHR3	290358	CHR3:290358	SSF x Near_LoA	-9,9949827	0,046	0,300
CHR3	29040781	CHR3:29040781	SSF x Near_LoA	-11,5235331	-0,024	0,307
CHR3	29040786	CHR3:29040786	SSF x Near_LoA	-4,15003682	-0,116	0,307
CHR3	2904352	CHR3:2904352	SSF x Near_LoA	-9,85815308	0,019	0,313
CHR3	2904514	CHR3:2904514	SSF x Near_LoA	-10,1208389	-0,147	0,303
CHR3	2904544	CHR3:2904544	SSF x Near_LoA	-9,05866059	0,018	0,314
CHR3	2904577	CHR3:2904577	SSF x Near_LoA	-9,95801022	-0,152	0,312
CHR3	2904582	CHR3:2904582	SSF x Near_LoA	-9,36917962	-0,050	0,311
CHR3	2905923	CHR3:2905923	SSF x Near_LoA	-11,2250952	-0,047	0,305
CHR3	29071098	CHR3:29071098	SSF x Near_LoA	-9,69595691	-0,012	0,299
CHR3	29071184	CHR3:29071184	SSF x Near_LoA	-11,5754471	0,003	0,299
CHR3	29074366	CHR3:29074366	SSF x Near_LoA	-8,60320952	0,056	0,304
CHR3	29074497	CHR3:29074497	SSF x Near_LoA	-10,3916994	-0,093	0,306
CHR3	29078252	CHR3:29078252	SSF x Near_LoA	-8,09849792	0,023	0,303
CHR3	29088434	CHR3:29088434	SSF x Near_LoA	-11,3390836	0,001	0,307
CHR3	29088475	CHR3:29088475	SSF x Near_LoA	-10,9783536	0,005	0,302
CHR3	29088503	CHR3:29088503	SSF x Near_LoA	-9,55035087	0,064	0,307
CHR3	2909273	CHR3:2909273	SSF x Near_LoA	-8,00062914	0,037	0,313
CHR3	29093009	CHR3:29093009	SSF x Near_LoA	-6,70637557	-0,051	0,314
CHR3	2909319	CHR3:2909319	SSF x Near_LoA	-9,05715125	0,040	0,298
CHR3	2909335	CHR3:2909335	SSF x Near_LoA	-11,3252647	0,048	0,306
CHR3	29093683	CHR3:29093683	SSF x Near_LoA	-6,58851395	-0,074	0,310
CHR3	29134744	CHR3:29134744	SSF x Near_LoA	-9,42968785	-0,076	0,300
CHR3	29136157	CHR3:29136157	SSF x Near_LoA	-9,25419158	0,149	0,308
CHR3	29145172	CHR3:29145172	SSF x Near_LoA	-9,13506889	-0,094	0,301
CHR3	29145181	CHR3:29145181	SSF x Near_LoA	-9,39394601	-0,095	0,316
CHR3	29145199	CHR3:29145199	SSF x Near_LoA	-9,82092875	0,086	0,310
CHR3	29145283	CHR3:29145283	SSF x Near_LoA	-7,9257679	0,011	0,305
CHR3	29157711	CHR3:29157711	SSF x Near_LoA	-7,90421745	-0,088	0,309
CHR3	29160149	CHR3:29160149	SSF x Near_LoA	-7,36234316	0,131	0,305
CHR3	29160391	CHR3:29160391	SSF x Near_LoA	-8,95973957	0,138	0,307
CHR3	29176473	CHR3:29176473	SSF x Near_LoA	-9,80071631	-0,086	0,304
CHR3	29176533	CHR3:29176533	SSF x Near_LoA	-8,88971014	0,047	0,299
CHR3	29179653	CHR3:29179653	SSF x Near_LoA	-7,95816632	-0,120	0,302
CHR3	2918329	CHR3:2918329	SSF x Near_LoA	-5,83013464	0,165	0,306
CHR3	2918425	CHR3:2918425	SSF x Near_LoA	-9,99370984	0,032	0,316
CHR3	29184271	CHR3:29184271	SSF x Near_LoA	-8,94482976	-0,086	0,313
CHR3	2918494	CHR3:2918494	SSF x Near_LoA	-5,4919591	0,155	0,307
CHR3	29185494	CHR3:29185494	SSF x Near_LoA	-9,45913063	-0,038	0,303
CHR3	29185497	CHR3:29185497	SSF x Near_LoA	-11,4396243	0,030	0,302

CHR3	29185503	CHR3:29185503	SSF x Near_LoA	-7,84147191	-0,080	0,308
CHR3	29186110	CHR3:29186110	SSF x Near_LoA	-8,79395483	0,038	0,299
CHR3	29193375	CHR3:29193375	SSF x Near_LoA	-7,34891538	-0,045	0,298
CHR3	29193430	CHR3:29193430	SSF x Near_LoA	-8,05720709	-0,022	0,304
CHR3	29197629	CHR3:29197629	SSF x Near_LoA	-8,62035042	-0,040	0,320
CHR3	29197742	CHR3:29197742	SSF x Near_LoA	-9,17485326	-0,031	0,302
CHR3	29209207	CHR3:29209207	SSF x Near_LoA	-9,17046058	0,038	0,308
CHR3	29209277	CHR3:29209277	SSF x Near_LoA	-8,23206758	0,025	0,328
CHR3	2921648	CHR3:2921648	SSF x Near_LoA	-8,54598309	-0,041	0,305
CHR3	29222334	CHR3:29222334	SSF x Near_LoA	-8,57006249	-0,005	0,314
CHR3	2923619	CHR3:2923619	SSF x Near_LoA	-7,51551791	0,046	0,309
CHR3	2923641	CHR3:2923641	SSF x Near_LoA	-10,4778804	-0,013	0,306
CHR3	2923760	CHR3:2923760	SSF x Near_LoA	-10,6950869	-0,019	0,309
CHR3	29244815	CHR3:29244815	SSF x Near_LoA	-5,86497721	-0,144	0,321
CHR3	29244827	CHR3:29244827	SSF x Near_LoA	-7,77847137	0,012	0,311
CHR3	29244909	CHR3:29244909	SSF x Near_LoA	-7,60077656	0,005	0,306
CHR3	29245026	CHR3:29245026	SSF x Near_LoA	-0,89968747	-0,158	0,315
CHR3	29249570	CHR3:29249570	SSF x Near_LoA	-11,7257648	-0,026	0,308
CHR3	29249577	CHR3:29249577	SSF x Near_LoA	-11,3117161	-0,025	0,317
CHR3	29254676	CHR3:29254676	SSF x Near_LoA	-9,3521759	0,095	0,313
CHR3	29254683	CHR3:29254683	SSF x Near_LoA	-10,6072571	0,084	0,308
CHR3	29254769	CHR3:29254769	SSF x Near_LoA	-8,54225138	0,049	0,316
CHR3	29260087	CHR3:29260087	SSF x Near_LoA	-7,2641348	-0,071	0,315
CHR3	29260684	CHR3:29260684	SSF x Near_LoA	-7,07034535	0,043	0,308
CHR3	29273563	CHR3:29273563	SSF x Near_LoA	-10,4446235	0,022	0,318
CHR3	29273862	CHR3:29273862	SSF x Near_LoA	-9,28536025	0,095	0,308
CHR3	29273864	CHR3:29273864	SSF x Near_LoA	-10,0103312	0,078	0,310
CHR3	29275151	CHR3:29275151	SSF x Near_LoA	-9,65058809	0,068	0,305
CHR3	29275165	CHR3:29275165	SSF x Near_LoA	-10,0155342	-0,011	0,311
CHR3	29285242	CHR3:29285242	SSF x Near_LoA	-8,20710492	-0,063	0,319
CHR3	29285300	CHR3:29285300	SSF x Near_LoA	-11,2237664	-0,044	0,310
CHR3	29285319	CHR3:29285319	SSF x Near_LoA	-7,81215961	0,121	0,300
CHR3	29285332	CHR3:29285332	SSF x Near_LoA	-8,67611232	0,023	0,293
CHR3	29285341	CHR3:29285341	SSF x Near_LoA	-8,8311276	-0,031	0,304
CHR3	29285400	CHR3:29285400	SSF x Near_LoA	-6,36944975	-0,053	0,305
CHR3	29287173	CHR3:29287173	SSF x Near_LoA	-9,97922178	0,072	0,309
CHR3	2928892	CHR3:2928892	SSF x Near_LoA	-3,72011683	-0,097	0,303
CHR3	29289888	CHR3:29289888	SSF x Near_LoA	-7,75740234	0,169	0,299
CHR3	29289890	CHR3:29289890	SSF x Near_LoA	-8,73894721	0,066	0,305
CHR3	2929030	CHR3:2929030	SSF x Near_LoA	-9,24103572	-0,044	0,296
CHR3	2929054	CHR3:2929054	SSF x Near_LoA	-9,93590366	0,048	0,310
CHR3	29291790	CHR3:29291790	SSF x Near_LoA	-8,83088367	0,042	0,307
CHR3	29291817	CHR3:29291817	SSF x Near_LoA	-7,26723583	-0,078	0,301
CHR3	2929222	CHR3:2929222	SSF x Near_LoA	-9,79457702	-0,001	0,302
CHR3	29297225	CHR3:29297225	SSF x Near_LoA	-8,32362409	0,062	0,306
CHR3	29297439	CHR3:29297439	SSF x Near_LoA	-8,68919089	0,060	0,301
CHR3	29300332	CHR3:29300332	SSF x Near_LoA	-8,93662377	-0,038	0,324
CHR3	29302591	CHR3:29302591	SSF x Near_LoA	-10,6110018	0,025	0,307
CHR3	29302641	CHR3:29302641	SSF x Near_LoA	-4,69266431	0,115	0,303
CHR3	29304631	CHR3:29304631	SSF x Near_LoA	-9,37127376	0,055	0,300
CHR3	29304706	CHR3:29304706	SSF x Near_LoA	-9,23673645	-0,109	0,314
CHR3	29304709	CHR3:29304709	SSF x Near_LoA	-9,97137888	-0,088	0,303
CHR3	29304811	CHR3:29304811	SSF x Near_LoA	-10,5241818	-0,104	0,304

CHR3	29304813	CHR3:29304813	SSF x Near_LoA	-8,92796746	-0,100	0,306
CHR3	29321106	CHR3:29321106	SSF x Near_LoA	-7,62775613	-0,032	0,307
CHR3	29326375	CHR3:29326375	SSF x Near_LoA	-8,62136701	0,062	0,309
CHR3	29327902	CHR3:29327902	SSF x Near_LoA	-8,52186047	0,152	0,296
CHR3	29327928	CHR3:29327928	SSF x Near_LoA	-8,78650603	-0,020	0,299
CHR3	29327949	CHR3:29327949	SSF x Near_LoA	-9,56726921	-0,095	0,307
CHR3	29327966	CHR3:29327966	SSF x Near_LoA	1,4266275	-0,152	0,328
CHR3	29328030	CHR3:29328030	SSF x Near_LoA	-9,71591805	0,102	0,321
CHR3	29336818	CHR3:29336818	SSF x Near_LoA	-10,5822811	0,012	0,315
CHR3	2933843	CHR3:2933843	SSF x Near_LoA	-10,0179165	-0,001	0,307
CHR3	2933918	CHR3:2933918	SSF x Near_LoA	-8,86537456	0,051	0,309
CHR3	2933957	CHR3:2933957	SSF x Near_LoA	-8,01689824	0,045	0,312
CHR3	2933985	CHR3:2933985	SSF x Near_LoA	-7,98664021	0,041	0,313
CHR3	29350479	CHR3:29350479	SSF x Near_LoA	-11,0775605	-0,096	0,298
CHR3	29354571	CHR3:29354571	SSF x Near_LoA	-8,05864325	0,032	0,314
CHR3	29354580	CHR3:29354580	SSF x Near_LoA	-8,0740728	-0,093	0,297
CHR3	29356136	CHR3:29356136	SSF x Near_LoA	-10,6792409	0,157	0,302
CHR3	29356164	CHR3:29356164	SSF x Near_LoA	-7,65124906	-0,042	0,300
CHR3	29356191	CHR3:29356191	SSF x Near_LoA	-7,99901509	0,011	0,306
CHR3	29376760	CHR3:29376760	SSF x Near_LoA	-9,38391289	-0,173	0,309
CHR3	29376777	CHR3:29376777	SSF x Near_LoA	-10,3123708	-0,131	0,286
CHR3	29376822	CHR3:29376822	SSF x Near_LoA	-9,93605923	-0,138	0,297
CHR3	29378249	CHR3:29378249	SSF x Near_LoA	-9,25055301	0,074	0,299
CHR3	29378283	CHR3:29378283	SSF x Near_LoA	-10,7707987	-0,006	0,305
CHR3	29384419	CHR3:29384419	SSF x Near_LoA	-8,7669982	-0,031	0,308
CHR3	29384426	CHR3:29384426	SSF x Near_LoA	-8,37616947	0,066	0,300
CHR3	29384435	CHR3:29384435	SSF x Near_LoA	-8,423732	-0,081	0,307
CHR3	29384538	CHR3:29384538	SSF x Near_LoA	-8,34318415	0,089	0,317
CHR3	2939153	CHR3:2939153	SSF x Near_LoA	-8,323486	0,048	0,299
CHR3	2939250	CHR3:2939250	SSF x Near_LoA	-8,46843019	-0,036	0,302
CHR3	29394677	CHR3:29394677	SSF x Near_LoA	-9,67428564	-0,001	0,316
CHR3	29394880	CHR3:29394880	SSF x Near_LoA	-6,71000445	0,161	0,311
CHR3	29394893	CHR3:29394893	SSF x Near_LoA	-5,10801027	0,198	0,294
CHR3	29402361	CHR3:29402361	SSF x Near_LoA	-10,9696207	-0,064	0,313
CHR3	29406258	CHR3:29406258	SSF x Near_LoA	-7,49308877	0,042	0,296
CHR3	29406265	CHR3:29406265	SSF x Near_LoA	-10,3908532	-0,044	0,301
CHR3	29406304	CHR3:29406304	SSF x Near_LoA	-8,76047029	-0,035	0,304
CHR3	29406346	CHR3:29406346	SSF x Near_LoA	-7,95059472	0,063	0,309
CHR3	29406350	CHR3:29406350	SSF x Near_LoA	-6,72323938	-0,091	0,320
CHR3	29406388	CHR3:29406388	SSF x Near_LoA	-11,166391	0,043	0,302
CHR3	29406474	CHR3:29406474	SSF x Near_LoA	-9,19405969	0,042	0,300
CHR3	29406508	CHR3:29406508	SSF x Near_LoA	-11,7074483	0,067	0,298
CHR3	29408458	CHR3:29408458	SSF x Near_LoA	-8,77652786	-0,096	0,290
CHR3	29408536	CHR3:29408536	SSF x Near_LoA	-10,3634106	-0,042	0,303
CHR3	29416073	CHR3:29416073	SSF x Near_LoA	-7,77713091	-0,058	0,304
CHR3	29416075	CHR3:29416075	SSF x Near_LoA	-11,1106397	-0,040	0,300
CHR3	29416115	CHR3:29416115	SSF x Near_LoA	-9,4882437	0,017	0,306
CHR3	29416244	CHR3:29416244	SSF x Near_LoA	-6,59913689	0,083	0,311
CHR3	29416261	CHR3:29416261	SSF x Near_LoA	-10,4761857	0,091	0,294
CHR3	29417069	CHR3:29417069	SSF x Near_LoA	-6,87773895	-0,113	0,310
CHR3	29417153	CHR3:29417153	SSF x Near_LoA	-8,66521131	0,006	0,313
CHR3	29419315	CHR3:29419315	SSF x Near_LoA	-9,49606881	0,003	0,317
CHR3	29419361	CHR3:29419361	SSF x Near_LoA	-11,4001474	0,024	0,319

CHR3	29419364	CHR3:29419364	SSF x Near_LoA	-10,6319999	-0,091	0,314
CHR3	29419392	CHR3:29419392	SSF x Near_LoA	3,96703511	0,055	0,320
CHR3	29419402	CHR3:29419402	SSF x Near_LoA	-10,6643997	0,116	0,305
CHR3	29419413	CHR3:29419413	SSF x Near_LoA	-8,94238897	0,032	0,304
CHR3	29419461	CHR3:29419461	SSF x Near_LoA	-8,79575413	-0,017	0,309
CHR3	29419488	CHR3:29419488	SSF x Near_LoA	-10,5684229	0,038	0,309
CHR3	29419491	CHR3:29419491	SSF x Near_LoA	-10,5970895	0,123	0,293
CHR3	29433804	CHR3:29433804	SSF x Near_LoA	-9,72713918	-0,029	0,303
CHR3	29433814	CHR3:29433814	SSF x Near_LoA	-8,84789235	-0,065	0,305
CHR3	29445713	CHR3:29445713	SSF x Near_LoA	7,00197482	-0,119	0,319
CHR3	29448012	CHR3:29448012	SSF x Near_LoA	-9,47700002	0,009	0,314
CHR3	29448018	CHR3:29448018	SSF x Near_LoA	-9,32899402	-0,009	0,299
CHR3	29462261	CHR3:29462261	SSF x Near_LoA	-10,4143493	-0,045	0,292
CHR3	29476348	CHR3:29476348	SSF x Near_LoA	-10,691249	0,009	0,315
CHR3	29478039	CHR3:29478039	SSF x Near_LoA	-10,1779093	-0,131	0,295
CHR3	29478067	CHR3:29478067	SSF x Near_LoA	-9,96756278	0,032	0,311
CHR3	29478103	CHR3:29478103	SSF x Near_LoA	-8,63526054	-0,143	0,294
CHR3	29482007	CHR3:29482007	SSF x Near_LoA	-3,86639389	0,160	0,304
CHR3	29482098	CHR3:29482098	SSF x Near_LoA	-9,15075893	0,033	0,311
CHR3	29489117	CHR3:29489117	SSF x Near_LoA	-8,55703238	-0,047	0,306
CHR3	29490873	CHR3:29490873	SSF x Near_LoA	-10,1496412	-0,015	0,310
CHR3	29492811	CHR3:29492811	SSF x Near_LoA	-8,84455677	0,139	0,308
CHR3	29492813	CHR3:29492813	SSF x Near_LoA	-9,44193955	0,099	0,302
CHR3	29493015	CHR3:29493015	SSF x Near_LoA	-7,4234157	0,079	0,315
CHR3	29493027	CHR3:29493027	SSF x Near_LoA	-8,59049339	-0,044	0,314
CHR3	29493119	CHR3:29493119	SSF x Near_LoA	-9,05471737	0,060	0,303
CHR3	3E+07	CHR3:29500768	SSF x Near_LoA	-9,89347293	-0,116	0,295
CHR3	3E+07	CHR3:29500816	SSF x Near_LoA	-9,34853461	-0,070	0,326
CHR3	3E+07	CHR3:29500832	SSF x Near_LoA	-7,64397212	0,112	0,296
CHR3	3E+07	CHR3:29529826	SSF x Near_LoA	-10,4165716	0,012	0,294
CHR3	3E+07	CHR3:29531641	SSF x Near_LoA	-2,10245065	-0,186	0,308
CHR3	3E+07	CHR3:29531676	SSF x Near_LoA	-9,853667	0,085	0,302
CHR3	2953904	CHR3:2953904	SSF x Near_LoA	-10,7531261	-0,052	0,312
CHR3	2953961	CHR3:2953961	SSF x Near_LoA	-8,00718859	-0,046	0,316
CHR3	2953997	CHR3:2953997	SSF x Near_LoA	-10,9488502	0,048	0,313
CHR3	3E+07	CHR3:29542890	SSF x Near_LoA	-7,69623218	-0,088	0,299
CHR3	2955157	CHR3:2955157	SSF x Near_LoA	-7,60697665	-0,084	0,312
CHR3	2955233	CHR3:2955233	SSF x Near_LoA	-8,61193268	-0,040	0,305
CHR3	2955266	CHR3:2955266	SSF x Near_LoA	-11,0780305	-0,067	0,311
CHR3	3E+07	CHR3:29555159	SSF x Near_LoA	-9,08438325	-0,092	0,308
CHR3	3E+07	CHR3:29558511	SSF x Near_LoA	-8,6116364	-0,119	0,302
CHR3	3E+07	CHR3:29558532	SSF x Near_LoA	-7,57564022	-0,047	0,315
CHR3	2955969	CHR3:2955969	SSF x Near_LoA	-11,2214282	-0,059	0,316
CHR3	2955997	CHR3:2955997	SSF x Near_LoA	-10,6784758	-0,058	0,309
CHR3	3E+07	CHR3:29564327	SSF x Near_LoA	-7,20345617	0,073	0,308
CHR3	3E+07	CHR3:29564801	SSF x Near_LoA	-8,69684001	-0,034	0,304
CHR3	2956766	CHR3:2956766	SSF x Near_LoA	-11,2132626	-0,006	0,299
CHR3	3E+07	CHR3:29574392	SSF x Near_LoA	-10,5680675	-0,025	0,299
CHR3	3E+07	CHR3:29574635	SSF x Near_LoA	-8,02576124	-0,174	0,295
CHR3	3E+07	CHR3:29574642	SSF x Near_LoA	-8,85067222	-0,059	0,309
CHR3	3E+07	CHR3:29574688	SSF x Near_LoA	-4,84923205	0,009	0,318
CHR3	3E+07	CHR3:29574689	SSF x Near_LoA	-10,2634442	0,004	0,298
CHR3	3E+07	CHR3:29574705	SSF x Near_LoA	-5,3341438	0,017	0,308

CHR3	3E+07	CHR3:29578124	SSF x Near_LoA	-10,539936	0,057	0,309
CHR3	3E+07	CHR3:29578170	SSF x Near_LoA	-10,4637551	-0,063	0,310
CHR3	3E+07	CHR3:29578220	SSF x Near_LoA	-11,4003577	0,020	0,315
CHR3	3E+07	CHR3:29578308	SSF x Near_LoA	-11,0247625	0,079	0,299
CHR3	3E+07	CHR3:29581069	SSF x Near_LoA	-11,4094705	0,006	0,302
CHR3	3E+07	CHR3:29581080	SSF x Near_LoA	-8,88611787	-0,026	0,312
CHR3	3E+07	CHR3:29581083	SSF x Near_LoA	-10,0917204	0,052	0,320
CHR3	3E+07	CHR3:29581135	SSF x Near_LoA	-8,96972705	0,092	0,290
CHR3	3E+07	CHR3:29581167	SSF x Near_LoA	-8,23846976	0,003	0,306
CHR3	3E+07	CHR3:29589665	SSF x Near_LoA	-11,0266751	-0,065	0,313
CHR3	3E+07	CHR3:29589726	SSF x Near_LoA	-8,78026126	0,118	0,320
CHR3	3E+07	CHR3:29592002	SSF x Near_LoA	-7,1476756	-0,029	0,315
CHR3	3E+07	CHR3:29592212	SSF x Near_LoA	-9,71019402	-0,007	0,308
CHR3	3E+07	CHR3:29601831	SSF x Near_LoA	-10,334321	-0,048	0,297
CHR3	3E+07	CHR3:29601914	SSF x Near_LoA	-11,2108844	-0,023	0,309
CHR3	3E+07	CHR3:29601984	SSF x Near_LoA	-11,5967631	-0,085	0,303
CHR3	3E+07	CHR3:29605708	SSF x Near_LoA	-9,65853191	-0,146	0,313
CHR3	3E+07	CHR3:29605776	SSF x Near_LoA	-8,80293947	0,024	0,299
CHR3	3E+07	CHR3:29605780	SSF x Near_LoA	-10,0953376	0,109	0,304
CHR3	3E+07	CHR3:29605823	SSF x Near_LoA	-5,06749925	0,010	0,306
CHR3	3E+07	CHR3:29605824	SSF x Near_LoA	-9,6448437	-0,027	0,302
CHR3	3E+07	CHR3:29621748	SSF x Near_LoA	-10,6711179	-0,077	0,318
CHR3	3E+07	CHR3:29621756	SSF x Near_LoA	-7,74718962	-0,001	0,300
CHR3	3E+07	CHR3:29621766	SSF x Near_LoA	-9,14122289	-0,111	0,307
CHR3	3E+07	CHR3:29621800	SSF x Near_LoA	-8,60464252	0,030	0,320
CHR3	3E+07	CHR3:29621820	SSF x Near_LoA	-9,41170305	-0,084	0,306
CHR3	3E+07	CHR3:29629084	SSF x Near_LoA	-8,24003109	0,079	0,302
CHR3	3E+07	CHR3:29643357	SSF x Near_LoA	-9,91680027	-0,045	0,315
CHR3	2965193	CHR3:2965193	SSF x Near_LoA	-11,123115	-0,118	0,300
CHR3	2965203	CHR3:2965203	SSF x Near_LoA	-7,25549404	-0,091	0,308
CHR3	2965306	CHR3:2965306	SSF x Near_LoA	-8,30814691	-0,001	0,314
CHR3	2965329	CHR3:2965329	SSF x Near_LoA	-8,19728854	0,110	0,307
CHR3	2965345	CHR3:2965345	SSF x Near_LoA	-11,5354483	0,075	0,302
CHR3	3E+07	CHR3:29657243	SSF x Near_LoA	-9,47307918	0,024	0,300
CHR3	3E+07	CHR3:29701104	SSF x Near_LoA	-7,19841441	-0,117	0,306
CHR3	3E+07	CHR3:29708924	SSF x Near_LoA	-7,80732687	-0,056	0,315
CHR3	3E+07	CHR3:29709883	SSF x Near_LoA	-9,49520713	0,018	0,304
CHR3	2974256	CHR3:2974256	SSF x Near_LoA	-9,46493413	0,087	0,304
CHR3	2974433	CHR3:2974433	SSF x Near_LoA	-8,55810879	-0,076	0,309
CHR3	2974446	CHR3:2974446	SSF x Near_LoA	-9,78373799	-0,155	0,293
CHR3	3E+07	CHR3:29756201	SSF x Near_LoA	-7,85661366	-0,081	0,303
CHR3	3E+07	CHR3:29782784	SSF x Near_LoA	-11,4599036	0,107	0,298
CHR3	3E+07	CHR3:29782795	SSF x Near_LoA	-10,6019718	0,159	0,300
CHR3	3E+07	CHR3:29789219	SSF x Near_LoA	-8,5346711	0,048	0,309
CHR3	297952	CHR3:297952	SSF x Near_LoA	-8,14447545	-0,094	0,310
CHR3	297956	CHR3:297956	SSF x Near_LoA	-9,53215187	0,009	0,303
CHR3	3E+07	CHR3:29795897	SSF x Near_LoA	-7,0671028	-0,158	0,293
CHR3	3E+07	CHR3:29795936	SSF x Near_LoA	-6,79664197	-0,158	0,303
CHR3	297977	CHR3:297977	SSF x Near_LoA	-8,04260965	0,086	0,314
CHR3	3E+07	CHR3:29807971	SSF x Near_LoA	-11,8208667	-0,043	0,296
CHR3	2981093	CHR3:2981093	SSF x Near_LoA	-8,38382801	-0,037	0,307
CHR3	3E+07	CHR3:29816280	SSF x Near_LoA	-11,779269	-0,042	0,314
CHR3	2982237	CHR3:2982237	SSF x Near_LoA	-8,74267791	-0,076	0,308

CHR3	298274	CHR3:298274	SSF x Near_LoA	-9,4279025	-0,014	0,314
CHR3	2984747	CHR3:2984747	SSF x Near_LoA	-0,13806755	-0,065	0,303
CHR3	2984832	CHR3:2984832	SSF x Near_LoA	-8,31679061	0,011	0,306
CHR3	3E+07	CHR3:29849554	SSF x Near_LoA	-9,40018593	0,085	0,301
CHR3	3E+07	CHR3:29849585	SSF x Near_LoA	-0,14376836	0,084	0,294
CHR3	2986714	CHR3:2986714	SSF x Near_LoA	-9,59088824	0,010	0,301
CHR3	2986834	CHR3:2986834	SSF x Near_LoA	-9,00597934	0,013	0,299
CHR3	2986878	CHR3:2986878	SSF x Near_LoA	-8,23836669	-0,126	0,317
CHR3	3E+07	CHR3:29874329	SSF x Near_LoA	-8,57216529	-0,065	0,306
CHR3	3E+07	CHR3:29874436	SSF x Near_LoA	-11,3281697	-0,003	0,301
CHR3	3E+07	CHR3:29883299	SSF x Near_LoA	-9,17235935	-0,110	0,292
CHR3	3E+07	CHR3:29890275	SSF x Near_LoA	-6,00599474	0,084	0,306
CHR3	3E+07	CHR3:29890310	SSF x Near_LoA	-10,9234729	0,100	0,321
CHR3	2989100	CHR3:2989100	SSF x Near_LoA	-7,971797	-0,110	0,302
CHR3	2989117	CHR3:2989117	SSF x Near_LoA	-9,90264598	0,086	0,300
CHR3	2989122	CHR3:2989122	SSF x Near_LoA	-9,13600824	-0,006	0,300
CHR3	2989150	CHR3:2989150	SSF x Near_LoA	-7,10646657	0,042	0,304
CHR3	2989195	CHR3:2989195	SSF x Near_LoA	-9,32020566	-0,072	0,308
CHR3	2989199	CHR3:2989199	SSF x Near_LoA	-7,61126611	-0,087	0,301
CHR3	3E+07	CHR3:29894393	SSF x Near_LoA	-9,66752716	-0,068	0,316
CHR3	3E+07	CHR3:29894396	SSF x Near_LoA	-9,81133692	0,040	0,313
CHR3	3E+07	CHR3:29894943	SSF x Near_LoA	-11,7001043	-0,005	0,297
CHR3	3E+07	CHR3:29903783	SSF x Near_LoA	-7,8198433	-0,096	0,298
CHR3	3E+07	CHR3:29903974	SSF x Near_LoA	-10,8658056	-0,014	0,297
CHR3	3E+07	CHR3:29910032	SSF x Near_LoA	-7,76609427	-0,017	0,300
CHR3	3E+07	CHR3:29940513	SSF x Near_LoA	-9,56581676	0,077	0,301
CHR3	3E+07	CHR3:29943775	SSF x Near_LoA	-9,78823004	0,023	0,300
CHR3	3E+07	CHR3:29943807	SSF x Near_LoA	-9,64851848	-0,008	0,300
CHR3	3E+07	CHR3:29943809	SSF x Near_LoA	-9,75801185	-0,015	0,301
CHR3	3E+07	CHR3:29943949	SSF x Near_LoA	-8,58354764	-0,111	0,298
CHR3	3E+07	CHR3:29967117	SSF x Near_LoA	-6,09519533	0,035	0,327
CHR3	299682	CHR3:299682	SSF x Near_LoA	-3,64211826	0,000	0,318
CHR3	3E+07	CHR3:29997131	SSF x Near_LoA	-9,31805637	0,009	0,315
CHR3	3E+07	CHR3:29997134	SSF x Near_LoA	-11,4014875	0,018	0,301
CHR3	3001860	CHR3:3001860	SSF x Near_LoA	-8,06485372	-0,033	0,325
CHR3	3001924	CHR3:3001924	SSF x Near_LoA	-9,11866515	-0,037	0,316
CHR3	3001975	CHR3:3001975	SSF x Near_LoA	-10,6452696	0,107	0,307
CHR3	3002095	CHR3:3002095	SSF x Near_LoA	-4,78173331	0,151	0,299
CHR3	3002102	CHR3:3002102	SSF x Near_LoA	-6,66747186	0,181	0,299
CHR3	3002105	CHR3:3002105	SSF x Near_LoA	-7,3314935	0,159	0,300
CHR3	3002109	CHR3:3002109	SSF x Near_LoA	-6,67055439	0,180	0,304
CHR3	3002181	CHR3:3002181	SSF x Near_LoA	-8,75644026	-0,063	0,305
CHR3	3E+07	CHR3:30030661	SSF x Near_LoA	-11,6339672	0,031	0,300
CHR3	3E+07	CHR3:30039667	SSF x Near_LoA	-11,6824718	-0,009	0,312
CHR3	3E+07	CHR3:30039673	SSF x Near_LoA	-6,62336088	0,018	0,316
CHR3	3E+07	CHR3:30039769	SSF x Near_LoA	-10,9952995	-0,030	0,298
CHR3	3E+07	CHR3:30045755	SSF x Near_LoA	-8,73303875	0,006	0,310
CHR3	3E+07	CHR3:30048099	SSF x Near_LoA	-9,49802497	0,058	0,299
CHR3	3E+07	CHR3:30048122	SSF x Near_LoA	-9,47914004	0,000	0,297
CHR3	3E+07	CHR3:30049855	SSF x Near_LoA	-8,5792248	-0,077	0,311
CHR3	3E+07	CHR3:30049878	SSF x Near_LoA	-10,1856204	-0,028	0,318
CHR3	3E+07	CHR3:30049910	SSF x Near_LoA	-7,41519806	0,038	0,286
CHR3	3E+07	CHR3:30049925	SSF x Near_LoA	-9,07684767	-0,015	0,305

CHR3	3006307	CHR3:3006307	SSF x Near_LoA	-7,62064077	0,036	0,308
CHR3	3006441	CHR3:3006441	SSF x Near_LoA	-10,8757001	-0,082	0,306
CHR3	3006501	CHR3:3006501	SSF x Near_LoA	-10,1074478	-0,085	0,306
CHR3	3E+07	CHR3:30068078	SSF x Near_LoA	-7,76919649	-0,034	0,310
CHR3	3E+07	CHR3:30073686	SSF x Near_LoA	-10,8976422	0,084	0,309
CHR3	3E+07	CHR3:30073794	SSF x Near_LoA	-11,4515644	-0,018	0,323
CHR3	3E+07	CHR3:30073865	SSF x Near_LoA	-9,05533424	0,015	0,296
CHR3	3E+07	CHR3:30076597	SSF x Near_LoA	-8,95878307	0,020	0,307
CHR3	3E+07	CHR3:30077729	SSF x Near_LoA	-11,9646972	0,007	0,295
CHR3	3E+07	CHR3:30077785	SSF x Near_LoA	-11,7358493	-0,018	0,309
CHR3	3007930	CHR3:3007930	SSF x Near_LoA	-7,83320606	0,098	0,300
CHR3	3E+07	CHR3:30088093	SSF x Near_LoA	-3,23838237	-0,084	0,315
CHR3	3E+07	CHR3:30088111	SSF x Near_LoA	-8,69386043	-0,075	0,310
CHR3	3E+07	CHR3:30088141	SSF x Near_LoA	-11,2400325	-0,061	0,292
CHR3	3E+07	CHR3:30088195	SSF x Near_LoA	-9,26034586	0,015	0,315
CHR3	3E+07	CHR3:30088269	SSF x Near_LoA	-8,76954517	-0,070	0,306
CHR3	3E+07	CHR3:30088296	SSF x Near_LoA	-11,0821477	-0,014	0,301
CHR3	3E+07	CHR3:30089935	SSF x Near_LoA	-9,51245619	-0,130	0,308
CHR3	3E+07	CHR3:30089940	SSF x Near_LoA	-8,24906711	0,072	0,289
CHR3	3E+07	CHR3:30089943	SSF x Near_LoA	-11,0620512	0,074	0,302
CHR3	3E+07	CHR3:30090011	SSF x Near_LoA	-9,7755481	-0,030	0,308
CHR3	3E+07	CHR3:30090045	SSF x Near_LoA	-8,65750662	0,001	0,306
CHR3	3E+07	CHR3:30090054	SSF x Near_LoA	-6,83427308	-0,016	0,296
CHR3	3E+07	CHR3:30094011	SSF x Near_LoA	-9,31012953	-0,096	0,304
CHR3	3E+07	CHR3:30094031	SSF x Near_LoA	-7,49112088	-0,077	0,308
CHR3	3E+07	CHR3:30094033	SSF x Near_LoA	-10,8700985	-0,101	0,302
CHR3	3E+07	CHR3:30094053	SSF x Near_LoA	-7,63663461	0,135	0,307
CHR3	3E+07	CHR3:30094065	SSF x Near_LoA	-9,62716106	0,102	0,293
CHR3	3E+07	CHR3:30094135	SSF x Near_LoA	-7,35649131	0,091	0,305
CHR3	3E+07	CHR3:30094145	SSF x Near_LoA	-6,23629951	0,095	0,301
CHR3	3E+07	CHR3:30094188	SSF x Near_LoA	-9,01232421	0,047	0,304
CHR3	3E+07	CHR3:30094219	SSF x Near_LoA	-7,10472162	0,162	0,302
CHR3	3E+07	CHR3:30094231	SSF x Near_LoA	-10,7805419	0,104	0,316
CHR3	3E+07	CHR3:30094234	SSF x Near_LoA	-8,5666561	0,071	0,310
CHR3	3E+07	CHR3:30094263	SSF x Near_LoA	-8,52028097	-0,129	0,301
CHR3	3009703	CHR3:3009703	SSF x Near_LoA	-6,66720369	0,117	0,296
CHR3	3009786	CHR3:3009786	SSF x Near_LoA	-7,78260279	-0,003	0,312
CHR3	3E+07	CHR3:30099779	SSF x Near_LoA	-11,345694	0,096	0,301
CHR3	3E+07	CHR3:30099781	SSF x Near_LoA	-8,71466596	0,031	0,312
CHR3	3E+07	CHR3:30099821	SSF x Near_LoA	-9,96715235	0,017	0,304
CHR3	3E+07	CHR3:30099866	SSF x Near_LoA	-10,8433409	0,068	0,308
CHR3	3E+07	CHR3:30102835	SSF x Near_LoA	-5,69440561	0,055	0,301
CHR3	3E+07	CHR3:30102842	SSF x Near_LoA	-7,93462734	0,020	0,308
CHR3	3E+07	CHR3:30102867	SSF x Near_LoA	-9,29366707	0,013	0,311
CHR3	3E+07	CHR3:30102872	SSF x Near_LoA	-8,55043564	-0,036	0,316
CHR3	3E+07	CHR3:30111552	SSF x Near_LoA	-3,84052011	0,103	0,292
CHR3	3E+07	CHR3:30115450	SSF x Near_LoA	-3,58999793	-0,008	0,304
CHR3	3E+07	CHR3:30115482	SSF x Near_LoA	-8,0124892	-0,116	0,300
CHR3	3E+07	CHR3:30121168	SSF x Near_LoA	-7,15869479	0,129	0,303
CHR3	3E+07	CHR3:30121276	SSF x Near_LoA	-11,1459287	-0,055	0,300
CHR3	3E+07	CHR3:30128648	SSF x Near_LoA	-10,8551262	-0,011	0,317
CHR3	3E+07	CHR3:30128770	SSF x Near_LoA	-9,12037054	-0,092	0,296
CHR3	3E+07	CHR3:30128796	SSF x Near_LoA	-6,63475881	-0,120	0,295

CHR3	3E+07	CHR3:30128798	SSF x Near_LoA	-8,41940228	-0,083	0,312
CHR3	3E+07	CHR3:30128954	SSF x Near_LoA	-10,4255471	-0,008	0,303
CHR3	3E+07	CHR3:30129008	SSF x Near_LoA	-8,18903529	-0,129	0,316
CHR3	3E+07	CHR3:30131738	SSF x Near_LoA	-10,6882971	-0,012	0,323
CHR3	3E+07	CHR3:30133773	SSF x Near_LoA	-7,81197512	-0,054	0,308
CHR3	3E+07	CHR3:30133776	SSF x Near_LoA	-9,11412611	0,051	0,297
CHR3	3E+07	CHR3:30136372	SSF x Near_LoA	-10,6784688	0,019	0,318
CHR3	3E+07	CHR3:30146297	SSF x Near_LoA	-8,96655778	-0,090	0,317
CHR3	3E+07	CHR3:30146365	SSF x Near_LoA	-8,46721309	-0,012	0,305
CHR3	3E+07	CHR3:30146436	SSF x Near_LoA	-11,4768158	0,050	0,305
CHR3	3E+07	CHR3:30146437	SSF x Near_LoA	-9,61714614	-0,007	0,307
CHR3	3E+07	CHR3:30146461	SSF x Near_LoA	-8,92848904	0,035	0,304
CHR3	3E+07	CHR3:30146463	SSF x Near_LoA	-8,21219523	0,125	0,295
CHR3	3E+07	CHR3:30148652	SSF x Near_LoA	-9,27086556	-0,063	0,318
CHR3	3E+07	CHR3:30148657	SSF x Near_LoA	-8,75570738	-0,067	0,304
CHR3	3E+07	CHR3:30148709	SSF x Near_LoA	-8,47479022	0,036	0,312
CHR3	3E+07	CHR3:30149401	SSF x Near_LoA	-10,4652053	0,000	0,325
CHR3	3E+07	CHR3:30162616	SSF x Near_LoA	-9,24788175	0,078	0,291
CHR3	3E+07	CHR3:30162626	SSF x Near_LoA	-8,71379745	0,121	0,306
CHR3	3E+07	CHR3:30162641	SSF x Near_LoA	-4,27783505	-0,121	0,308
CHR3	3E+07	CHR3:30162655	SSF x Near_LoA	-8,28249239	-0,121	0,295
CHR3	3E+07	CHR3:30162656	SSF x Near_LoA	-9,9117108	-0,055	0,309
CHR3	3E+07	CHR3:30162658	SSF x Near_LoA	-9,6651148	0,050	0,312
CHR3	3E+07	CHR3:30162663	SSF x Near_LoA	-8,78050437	0,062	0,310
CHR3	3E+07	CHR3:30162664	SSF x Near_LoA	-9,08062453	-0,082	0,309
CHR3	3E+07	CHR3:30163217	SSF x Near_LoA	-9,2612724	-0,025	0,304
CHR3	3E+07	CHR3:30163218	SSF x Near_LoA	-8,46434398	-0,032	0,305
CHR3	3E+07	CHR3:30173412	SSF x Near_LoA	-5,2336766	0,001	0,311
CHR3	3E+07	CHR3:30173413	SSF x Near_LoA	-10,1214924	-0,096	0,307
CHR3	3E+07	CHR3:30173453	SSF x Near_LoA	-9,71788573	0,021	0,310
CHR3	3E+07	CHR3:30173491	SSF x Near_LoA	-7,84288624	-0,133	0,317
CHR3	3E+07	CHR3:30173539	SSF x Near_LoA	-9,73394298	0,006	0,300
CHR3	3E+07	CHR3:30173659	SSF x Near_LoA	-8,67323995	-0,035	0,296
CHR3	3E+07	CHR3:30190138	SSF x Near_LoA	-9,78452894	-0,060	0,312
CHR3	3E+07	CHR3:30197303	SSF x Near_LoA	-9,2318705	0,034	0,304
CHR3	3E+07	CHR3:30197365	SSF x Near_LoA	-10,8146492	-0,018	0,306
CHR3	3E+07	CHR3:30197394	SSF x Near_LoA	-10,0240152	0,019	0,307
CHR3	3E+07	CHR3:30197399	SSF x Near_LoA	-10,3768844	0,034	0,308
CHR3	3E+07	CHR3:30199592	SSF x Near_LoA	-10,7416282	0,054	0,309
CHR3	3E+07	CHR3:30201582	SSF x Near_LoA	-7,1760964	0,006	0,313
CHR3	3E+07	CHR3:30201757	SSF x Near_LoA	-8,1140946	-0,007	0,304
CHR3	3E+07	CHR3:30201794	SSF x Near_LoA	-9,75599515	0,052	0,303
CHR3	3E+07	CHR3:30201876	SSF x Near_LoA	-11,3342982	0,073	0,305
CHR3	3E+07	CHR3:30205490	SSF x Near_LoA	-7,18063761	-0,042	0,310
CHR3	3E+07	CHR3:30205492	SSF x Near_LoA	-6,10005365	-0,042	0,322
CHR3	3E+07	CHR3:30205498	SSF x Near_LoA	-11,5662667	0,042	0,311
CHR3	3E+07	CHR3:30205606	SSF x Near_LoA	-10,1812193	0,013	0,309
CHR3	3E+07	CHR3:30205666	SSF x Near_LoA	-10,5483351	0,075	0,310
CHR3	3E+07	CHR3:30205667	SSF x Near_LoA	-9,72104809	0,056	0,319
CHR3	3E+07	CHR3:30205668	SSF x Near_LoA	-6,44560465	0,095	0,315
CHR3	3E+07	CHR3:30214148	SSF x Near_LoA	-6,79519195	0,126	0,318
CHR3	3E+07	CHR3:30214156	SSF x Near_LoA	-10,5981722	0,072	0,303
CHR3	3E+07	CHR3:30214181	SSF x Near_LoA	-9,54771657	0,030	0,298

CHR3	3E+07	CHR3:30214225	SSF x Near_LoA	-6,73304044	-0,073	0,306
CHR3	3E+07	CHR3:30214260	SSF x Near_LoA	-9,29658937	0,043	0,306
CHR3	3E+07	CHR3:30218214	SSF x Near_LoA	-11,0309494	0,083	0,308
CHR3	3E+07	CHR3:30219367	SSF x Near_LoA	-10,1643559	0,009	0,299
CHR3	3024013	CHR3:3024013	SSF x Near_LoA	-9,71476333	-0,081	0,313
CHR3	3E+07	CHR3:30241993	SSF x Near_LoA	-8,13055826	-0,008	0,318
CHR3	3E+07	CHR3:30242304	SSF x Near_LoA	-8,35933719	-0,119	0,295
CHR3	3E+07	CHR3:30250469	SSF x Near_LoA	-9,59901304	-0,019	0,320
CHR3	3E+07	CHR3:30250504	SSF x Near_LoA	-8,71081306	0,081	0,317
CHR3	3E+07	CHR3:30250507	SSF x Near_LoA	-7,52778934	0,074	0,303
CHR3	3E+07	CHR3:30250516	SSF x Near_LoA	-11,1584216	-0,057	0,314
CHR3	3E+07	CHR3:30250608	SSF x Near_LoA	-10,7372435	-0,045	0,308
CHR3	3E+07	CHR3:30250623	SSF x Near_LoA	-10,6588423	-0,051	0,316
CHR3	3E+07	CHR3:30250663	SSF x Near_LoA	-8,46892245	0,007	0,303
CHR3	3E+07	CHR3:30255195	SSF x Near_LoA	-7,69235169	-0,047	0,307
CHR3	3E+07	CHR3:30255231	SSF x Near_LoA	-6,73374249	-0,193	0,296
CHR3	3E+07	CHR3:30255268	SSF x Near_LoA	-10,2439984	0,056	0,299
CHR3	3E+07	CHR3:30255301	SSF x Near_LoA	-10,2094062	0,018	0,314
CHR3	3E+07	CHR3:30264932	SSF x Near_LoA	-10,8278851	0,000	0,317
CHR3	3E+07	CHR3:30264938	SSF x Near_LoA	-7,04536989	-0,160	0,307
CHR3	3E+07	CHR3:30265019	SSF x Near_LoA	-8,40018977	0,154	0,294
CHR3	3E+07	CHR3:30266130	SSF x Near_LoA	-8,7146649	0,037	0,317
CHR3	3E+07	CHR3:30266211	SSF x Near_LoA	-7,00879161	0,157	0,312
CHR3	3E+07	CHR3:30270690	SSF x Near_LoA	-8,83153196	0,052	0,312
CHR3	3E+07	CHR3:30276574	SSF x Near_LoA	-10,8071988	-0,024	0,312
CHR3	3E+07	CHR3:30276730	SSF x Near_LoA	-10,5504668	0,118	0,312
CHR3	3E+07	CHR3:30292008	SSF x Near_LoA	-10,4959825	-0,042	0,311
CHR3	3E+07	CHR3:30292112	SSF x Near_LoA	-11,2305967	-0,033	0,307
CHR3	3E+07	CHR3:30294717	SSF x Near_LoA	-10,6585316	0,022	0,313
CHR3	3E+07	CHR3:30294718	SSF x Near_LoA	-10,9524636	-0,002	0,318
CHR3	3E+07	CHR3:30294754	SSF x Near_LoA	-10,0455208	-0,098	0,308
CHR3	3E+07	CHR3:30299521	SSF x Near_LoA	-8,28512839	-0,053	0,321
CHR3	3E+07	CHR3:30299599	SSF x Near_LoA	-11,5738471	0,020	0,317
CHR3	3E+07	CHR3:30299676	SSF x Near_LoA	-8,87633939	-0,001	0,314
CHR3	3E+07	CHR3:30299680	SSF x Near_LoA	-7,45797645	0,006	0,292
CHR3	3E+07	CHR3:30299710	SSF x Near_LoA	-9,46218153	0,012	0,293
CHR3	3E+07	CHR3:30299711	SSF x Near_LoA	-9,51340066	0,076	0,297
CHR3	3E+07	CHR3:30299737	SSF x Near_LoA	-8,10881087	0,054	0,304
CHR3	3E+07	CHR3:30299753	SSF x Near_LoA	-9,52425658	0,077	0,307
CHR3	3E+07	CHR3:30299761	SSF x Near_LoA	-9,25688123	-0,035	0,315
CHR3	3E+07	CHR3:30299782	SSF x Near_LoA	-7,96549861	0,081	0,324
CHR3	3E+07	CHR3:30316873	SSF x Near_LoA	-9,24689539	0,040	0,308
CHR3	3E+07	CHR3:30316909	SSF x Near_LoA	-6,12726645	0,234	0,309
CHR3	3E+07	CHR3:30317190	SSF x Near_LoA	-11,1565231	-0,036	0,301
CHR3	3E+07	CHR3:30325143	SSF x Near_LoA	-7,55582559	-0,045	0,307
CHR3	3E+07	CHR3:30325146	SSF x Near_LoA	-9,21534351	-0,050	0,298
CHR3	3E+07	CHR3:30325162	SSF x Near_LoA	-6,47376253	0,106	0,297
CHR3	3E+07	CHR3:30325178	SSF x Near_LoA	-9,18887991	0,087	0,307
CHR3	3E+07	CHR3:30325191	SSF x Near_LoA	-8,03008227	-0,046	0,330
CHR3	3E+07	CHR3:30325215	SSF x Near_LoA	-9,76219577	0,045	0,306
CHR3	3E+07	CHR3:30328748	SSF x Near_LoA	-10,2460489	0,005	0,295
CHR3	3E+07	CHR3:30328751	SSF x Near_LoA	-8,40619763	0,032	0,315
CHR3	3E+07	CHR3:30328758	SSF x Near_LoA	-9,84753221	0,043	0,306

CHR3	3E+07	CHR3:30328767	SSF x Near_LoA	-7,89457533	0,071	0,308
CHR3	3E+07	CHR3:30328769	SSF x Near_LoA	-10,0723176	0,019	0,291
CHR3	3E+07	CHR3:30328780	SSF x Near_LoA	-8,41740115	-0,194	0,291
CHR3	3E+07	CHR3:30328815	SSF x Near_LoA	-2,59019522	0,076	0,303
CHR3	3E+07	CHR3:30328881	SSF x Near_LoA	-10,1829616	-0,032	0,304
CHR3	3E+07	CHR3:30328914	SSF x Near_LoA	-9,36728029	0,039	0,311
CHR3	3033683	CHR3:3033683	SSF x Near_LoA	-7,91460963	-0,085	0,301
CHR3	3033734	CHR3:3033734	SSF x Near_LoA	-8,83627442	-0,024	0,324
CHR3	3033817	CHR3:3033817	SSF x Near_LoA	-9,95181042	-0,046	0,295
CHR3	3033851	CHR3:3033851	SSF x Near_LoA	-8,83453999	0,011	0,300
CHR3	3E+07	CHR3:30339647	SSF x Near_LoA	-7,96659349	0,016	0,313
CHR3	3E+07	CHR3:30339683	SSF x Near_LoA	-9,12902494	0,006	0,306
CHR3	3E+07	CHR3:30339940	SSF x Near_LoA	0,98508651	0,172	0,305
CHR3	3E+07	CHR3:30344556	SSF x Near_LoA	-10,8803055	-0,043	0,310
CHR3	3E+07	CHR3:30344591	SSF x Near_LoA	-9,96011904	-0,069	0,311
CHR3	3E+07	CHR3:30344598	SSF x Near_LoA	-9,78393793	-0,068	0,307
CHR3	3E+07	CHR3:30344629	SSF x Near_LoA	-9,21953688	0,110	0,302
CHR3	3E+07	CHR3:30344688	SSF x Near_LoA	-7,82939597	-0,181	0,303
CHR3	3E+07	CHR3:30344708	SSF x Near_LoA	-7,63621295	-0,107	0,310
CHR3	3E+07	CHR3:30348873	SSF x Near_LoA	-10,2374277	0,027	0,313
CHR3	3E+07	CHR3:30349349	SSF x Near_LoA	-10,9095493	-0,035	0,320
CHR3	3E+07	CHR3:30355570	SSF x Near_LoA	-8,70246364	0,022	0,322
CHR3	3E+07	CHR3:30355576	SSF x Near_LoA	-8,94435376	0,048	0,306
CHR3	3E+07	CHR3:30355675	SSF x Near_LoA	-9,72736038	0,045	0,306
CHR3	3E+07	CHR3:30367330	SSF x Near_LoA	-9,43564993	-0,065	0,307
CHR3	3E+07	CHR3:30367476	SSF x Near_LoA	-8,35983254	-0,030	0,307
CHR3	3037090	CHR3:3037090	SSF x Near_LoA	-8,12547525	-0,032	0,299
CHR3	3037107	CHR3:3037107	SSF x Near_LoA	-9,47880276	0,050	0,318
CHR3	3E+07	CHR3:30373930	SSF x Near_LoA	-8,48411379	-0,073	0,306
CHR3	3E+07	CHR3:30374008	SSF x Near_LoA	-10,5679456	-0,064	0,303
CHR3	3E+07	CHR3:30374019	SSF x Near_LoA	-9,09964063	0,034	0,305
CHR3	3E+07	CHR3:30374054	SSF x Near_LoA	-8,62527749	0,063	0,305
CHR3	3037779	CHR3:3037779	SSF x Near_LoA	-7,6993912	-0,067	0,312
CHR3	3037780	CHR3:3037780	SSF x Near_LoA	-7,97400541	-0,096	0,301
CHR3	3037792	CHR3:3037792	SSF x Near_LoA	-10,9963932	0,053	0,288
CHR3	3E+07	CHR3:30381120	SSF x Near_LoA	-10,169327	-0,132	0,297
CHR3	3E+07	CHR3:30381177	SSF x Near_LoA	-7,67976659	0,066	0,316
CHR3	3E+07	CHR3:30385283	SSF x Near_LoA	-12,1063371	0,062	0,289
CHR3	3E+07	CHR3:30385471	SSF x Near_LoA	-6,74690259	0,103	0,296
CHR3	3E+07	CHR3:30404150	SSF x Near_LoA	-11,2959352	-0,059	0,313
CHR3	3E+07	CHR3:30404155	SSF x Near_LoA	-7,79905227	0,064	0,295
CHR3	3E+07	CHR3:30413164	SSF x Near_LoA	-10,9608913	0,036	0,313
CHR3	3E+07	CHR3:30417976	SSF x Near_LoA	1,42440292	0,002	0,297
CHR3	3E+07	CHR3:30421690	SSF x Near_LoA	-10,3174353	-0,035	0,316
CHR3	3E+07	CHR3:30424151	SSF x Near_LoA	-8,74920489	0,010	0,302
CHR3	3E+07	CHR3:30424182	SSF x Near_LoA	-11,0970111	-0,045	0,301
CHR3	3E+07	CHR3:30428371	SSF x Near_LoA	-9,0173439	0,136	0,309
CHR3	3E+07	CHR3:30429310	SSF x Near_LoA	-8,68124743	-0,076	0,297
CHR3	3E+07	CHR3:30433106	SSF x Near_LoA	-4,69863721	-0,156	0,311
CHR3	3E+07	CHR3:30436096	SSF x Near_LoA	-10,7922219	0,006	0,303
CHR3	3E+07	CHR3:30442634	SSF x Near_LoA	-7,81202418	-0,112	0,298
CHR3	3E+07	CHR3:30442856	SSF x Near_LoA	-8,53597458	0,030	0,315
CHR3	3E+07	CHR3:30442937	SSF x Near_LoA	-6,7721879	-0,037	0,308

CHR3	3E+07	CHR3:30447727	SSF x Near_LoA	-9,70619915	-0,029	0,308
CHR3	3E+07	CHR3:30448764	SSF x Near_LoA	-8,73558925	-0,018	0,306
CHR3	3E+07	CHR3:30448794	SSF x Near_LoA	-8,80106739	0,024	0,311
CHR3	3E+07	CHR3:30448939	SSF x Near_LoA	-8,78295964	-0,098	0,298
CHR3	3E+07	CHR3:30448943	SSF x Near_LoA	-6,84091039	-0,164	0,286
CHR3	3E+07	CHR3:30479896	SSF x Near_LoA	-8,57845347	0,017	0,297
CHR3	3E+07	CHR3:30479907	SSF x Near_LoA	-8,39496292	-0,007	0,299
CHR3	3E+07	CHR3:30479926	SSF x Near_LoA	-8,79497661	0,018	0,296
CHR3	3E+07	CHR3:30479962	SSF x Near_LoA	-8,5056071	0,004	0,302
CHR3	3E+07	CHR3:30479982	SSF x Near_LoA	-4,9152576	-0,011	0,313
CHR3	3E+07	CHR3:30479997	SSF x Near_LoA	-9,48971343	-0,008	0,287
CHR3	3E+07	CHR3:30490643	SSF x Near_LoA	-8,40627715	0,017	0,304
CHR3	3E+07	CHR3:30490737	SSF x Near_LoA	-9,05296675	0,148	0,302
CHR3	3E+07	CHR3:30490747	SSF x Near_LoA	-9,93686494	0,046	0,304
CHR3	3E+07	CHR3:30490809	SSF x Near_LoA	-9,08927569	-0,047	0,309
CHR3	3E+07	CHR3:30490878	SSF x Near_LoA	-9,76747009	0,010	0,308
CHR3	3E+07	CHR3:30490882	SSF x Near_LoA	-10,6987515	-0,045	0,302
CHR3	3E+07	CHR3:30492285	SSF x Near_LoA	-11,6790668	-0,022	0,301
CHR3	3E+07	CHR3:30492303	SSF x Near_LoA	-9,03596093	0,042	0,317
CHR3	3E+07	CHR3:30492348	SSF x Near_LoA	-7,32424868	0,142	0,292
CHR3	30506769	CHR3:30506769	SSF x Near_LoA	-7,67897489	-0,053	0,311
CHR3	30506953	CHR3:30506953	SSF x Near_LoA	-9,70012207	0,025	0,318
CHR3	30507084	CHR3:30507084	SSF x Near_LoA	-9,77771966	0,040	0,305
CHR3	30525087	CHR3:30525087	SSF x Near_LoA	-5,92461153	-0,153	0,295
CHR3	30525135	CHR3:30525135	SSF x Near_LoA	-4,73013532	-0,190	0,297
CHR3	30525138	CHR3:30525138	SSF x Near_LoA	-5,997035	-0,186	0,289
CHR3	30536826	CHR3:30536826	SSF x Near_LoA	-9,63273578	0,030	0,323
CHR3	30536847	CHR3:30536847	SSF x Near_LoA	-9,20069093	0,009	0,311
CHR3	30536853	CHR3:30536853	SSF x Near_LoA	-9,75219643	-0,009	0,310
CHR3	30536891	CHR3:30536891	SSF x Near_LoA	-10,6043356	-0,072	0,299
CHR3	30570479	CHR3:30570479	SSF x Near_LoA	-5,42676541	0,212	0,301
CHR3	30573852	CHR3:30573852	SSF x Near_LoA	-8,41164145	0,083	0,311
CHR3	30573960	CHR3:30573960	SSF x Near_LoA	-7,43757633	0,156	0,289
CHR3	30578401	CHR3:30578401	SSF x Near_LoA	2,63737307	0,036	0,305
CHR3	30578435	CHR3:30578435	SSF x Near_LoA	-7,02860168	0,017	0,289
CHR3	30587801	CHR3:30587801	SSF x Near_LoA	-9,5413812	-0,127	0,295
CHR3	30587831	CHR3:30587831	SSF x Near_LoA	-8,52682811	-0,028	0,298
CHR3	30587843	CHR3:30587843	SSF x Near_LoA	-10,525557	-0,116	0,299
CHR3	30590374	CHR3:30590374	SSF x Near_LoA	-5,67771974	-0,093	0,303
CHR3	30595230	CHR3:30595230	SSF x Near_LoA	-7,38770138	0,051	0,315
CHR3	30595310	CHR3:30595310	SSF x Near_LoA	-10,4082363	-0,112	0,308
CHR3	30599922	CHR3:30599922	SSF x Near_LoA	-9,98568299	-0,028	0,301
CHR3	30620420	CHR3:30620420	SSF x Near_LoA	-11,7596957	-0,020	0,310
CHR3	30621981	CHR3:30621981	SSF x Near_LoA	-7,86289629	0,160	0,306
CHR3	30621988	CHR3:30621988	SSF x Near_LoA	-11,7754268	-0,053	0,294
CHR3	30621999	CHR3:30621999	SSF x Near_LoA	-8,35319776	0,051	0,298
CHR3	30622041	CHR3:30622041	SSF x Near_LoA	-11,0873642	-0,066	0,304
CHR3	30622044	CHR3:30622044	SSF x Near_LoA	-9,81681213	-0,058	0,318
CHR3	30623117	CHR3:30623117	SSF x Near_LoA	-9,57683714	-0,045	0,302
CHR3	30623121	CHR3:30623121	SSF x Near_LoA	-10,1673796	-0,031	0,316
CHR3	30624475	CHR3:30624475	SSF x Near_LoA	-9,00730014	0,060	0,303
CHR3	30634232	CHR3:30634232	SSF x Near_LoA	-11,2194481	0,042	0,311
CHR3	30634239	CHR3:30634239	SSF x Near_LoA	-10,7094632	-0,114	0,317

CHR3	30635109	CHR3:30635109	SSF x Near_LoA	-9,92942471	0,030	0,306
CHR3	30635198	CHR3:30635198	SSF x Near_LoA	-10,9953877	0,140	0,297
CHR3	30638715	CHR3:30638715	SSF x Near_LoA	-4,80768302	-0,109	0,321
CHR3	30638796	CHR3:30638796	SSF x Near_LoA	-9,63035385	-0,119	0,314
CHR3	30638852	CHR3:30638852	SSF x Near_LoA	-8,92335099	0,032	0,309
CHR3	30638914	CHR3:30638914	SSF x Near_LoA	-9,17665008	0,038	0,306
CHR3	30638919	CHR3:30638919	SSF x Near_LoA	-8,84385448	0,040	0,314
CHR3	30640430	CHR3:30640430	SSF x Near_LoA	-9,48521815	-0,083	0,312
CHR3	30640449	CHR3:30640449	SSF x Near_LoA	-7,47683072	-0,062	0,303
CHR3	30641227	CHR3:30641227	SSF x Near_LoA	-11,4024814	-0,020	0,319
CHR3	30641271	CHR3:30641271	SSF x Near_LoA	-8,79678099	-0,016	0,322
CHR3	30641286	CHR3:30641286	SSF x Near_LoA	-8,40247497	0,043	0,296
CHR3	30643582	CHR3:30643582	SSF x Near_LoA	-10,541834	0,059	0,309
CHR3	30643623	CHR3:30643623	SSF x Near_LoA	-10,7661503	0,000	0,296
CHR3	30645837	CHR3:30645837	SSF x Near_LoA	-3,73085756	-0,143	0,301
CHR3	30645842	CHR3:30645842	SSF x Near_LoA	6,44015732	-0,144	0,310
CHR3	30645869	CHR3:30645869	SSF x Near_LoA	-9,36814639	0,106	0,307
CHR3	30645887	CHR3:30645887	SSF x Near_LoA	-7,29702048	0,108	0,303
CHR3	30647175	CHR3:30647175	SSF x Near_LoA	-9,14156081	0,003	0,290
CHR3	30647750	CHR3:30647750	SSF x Near_LoA	-8,3169037	-0,089	0,298
CHR3	30647762	CHR3:30647762	SSF x Near_LoA	-8,76318721	0,018	0,297
CHR3	30652362	CHR3:30652362	SSF x Near_LoA	-9,00678864	0,134	0,304
CHR3	30654859	CHR3:30654859	SSF x Near_LoA	-11,7841464	-0,036	0,298
CHR3	30654871	CHR3:30654871	SSF x Near_LoA	-10,4019008	0,020	0,301
CHR3	30655194	CHR3:30655194	SSF x Near_LoA	-4,30235508	-0,153	0,303
CHR3	30670925	CHR3:30670925	SSF x Near_LoA	-9,90473108	-0,073	0,307
CHR3	30670928	CHR3:30670928	SSF x Near_LoA	-11,1886925	-0,073	0,305
CHR3	30670984	CHR3:30670984	SSF x Near_LoA	-7,58352852	-0,082	0,305
CHR3	30671046	CHR3:30671046	SSF x Near_LoA	-11,3517494	0,010	0,318
CHR3	30671095	CHR3:30671095	SSF x Near_LoA	-10,4427699	0,000	0,297
CHR3	30671097	CHR3:30671097	SSF x Near_LoA	-9,96550689	-0,024	0,301
CHR3	30684569	CHR3:30684569	SSF x Near_LoA	-9,53976207	-0,006	0,325
CHR3	30684594	CHR3:30684594	SSF x Near_LoA	-8,72584513	0,000	0,296
CHR3	30687305	CHR3:30687305	SSF x Near_LoA	-8,20274446	-0,185	0,311
CHR3	30687384	CHR3:30687384	SSF x Near_LoA	-7,5968675	0,109	0,310
CHR3	30687543	CHR3:30687543	SSF x Near_LoA	-7,61269137	0,050	0,294
CHR3	3069305	CHR3:3069305	SSF x Near_LoA	-8,84719373	0,117	0,313
CHR3	30693230	CHR3:30693230	SSF x Near_LoA	-7,99762592	0,094	0,294
CHR3	30693241	CHR3:30693241	SSF x Near_LoA	-10,911857	-0,011	0,317
CHR3	30693512	CHR3:30693512	SSF x Near_LoA	-9,09988637	0,086	0,302
CHR3	30693585	CHR3:30693585	SSF x Near_LoA	-10,255352	0,069	0,303
CHR3	30697349	CHR3:30697349	SSF x Near_LoA	-6,79620251	0,226	0,280
CHR3	30697365	CHR3:30697365	SSF x Near_LoA	-5,39074245	0,084	0,306
CHR3	30697391	CHR3:30697391	SSF x Near_LoA	-5,33878173	0,170	0,286
CHR3	3070133	CHR3:3070133	SSF x Near_LoA	-8,01653827	0,137	0,298
CHR3	3070153	CHR3:3070153	SSF x Near_LoA	-8,99542238	-0,044	0,291
CHR3	3070193	CHR3:3070193	SSF x Near_LoA	-8,19141097	-0,007	0,310
CHR3	3072191	CHR3:3072191	SSF x Near_LoA	-8,10482848	-0,106	0,297
CHR3	3072216	CHR3:3072216	SSF x Near_LoA	-6,326175	0,109	0,301
CHR3	30733521	CHR3:30733521	SSF x Near_LoA	-8,81630274	0,044	0,319
CHR3	30733551	CHR3:30733551	SSF x Near_LoA	-8,30764642	0,114	0,297
CHR3	30735183	CHR3:30735183	SSF x Near_LoA	-8,22691418	-0,066	0,310
CHR3	30738802	CHR3:30738802	SSF x Near_LoA	-9,64256645	-0,051	0,305

CHR3	30738862	CHR3:30738862	SSF x Near_LoA	-8,90864553	-0,051	0,301
CHR3	30738894	CHR3:30738894	SSF x Near_LoA	-9,79946912	0,006	0,305
CHR3	30738895	CHR3:30738895	SSF x Near_LoA	-9,5267523	0,018	0,311
CHR3	30738949	CHR3:30738949	SSF x Near_LoA	-7,03552494	0,101	0,297
CHR3	30738962	CHR3:30738962	SSF x Near_LoA	-8,13265037	0,099	0,303
CHR3	30738965	CHR3:30738965	SSF x Near_LoA	-7,62044637	0,097	0,298
CHR3	30738992	CHR3:30738992	SSF x Near_LoA	-8,00573117	0,115	0,298
CHR3	30746564	CHR3:30746564	SSF x Near_LoA	-6,61331394	-0,105	0,310
CHR3	30746775	CHR3:30746775	SSF x Near_LoA	-11,7228363	0,069	0,299
CHR3	30746790	CHR3:30746790	SSF x Near_LoA	-10,9532642	-0,030	0,327
CHR3	30746825	CHR3:30746825	SSF x Near_LoA	-11,0555877	-0,038	0,313
CHR3	30746827	CHR3:30746827	SSF x Near_LoA	-12,1249808	-0,019	0,305
CHR3	3074819	CHR3:3074819	SSF x Near_LoA	-8,05277417	0,143	0,297
CHR3	30751314	CHR3:30751314	SSF x Near_LoA	-4,82576242	-0,194	0,302
CHR3	30751332	CHR3:30751332	SSF x Near_LoA	-6,89327839	-0,134	0,321
CHR3	30751365	CHR3:30751365	SSF x Near_LoA	-7,965064	0,147	0,299
CHR3	30751424	CHR3:30751424	SSF x Near_LoA	-9,64236931	-0,129	0,300
CHR3	30751480	CHR3:30751480	SSF x Near_LoA	-11,4885345	-0,048	0,306
CHR3	30751507	CHR3:30751507	SSF x Near_LoA	-5,99238174	-0,089	0,312
CHR3	30760084	CHR3:30760084	SSF x Near_LoA	-9,99201411	0,038	0,307
CHR3	30760312	CHR3:30760312	SSF x Near_LoA	-9,80815744	0,085	0,310
CHR3	30789675	CHR3:30789675	SSF x Near_LoA	-10,9324977	-0,041	0,302
CHR3	30789702	CHR3:30789702	SSF x Near_LoA	-9,48787557	0,047	0,291
CHR3	30789709	CHR3:30789709	SSF x Near_LoA	-8,40860605	0,070	0,301
CHR3	30789711	CHR3:30789711	SSF x Near_LoA	-9,5942188	0,118	0,298
CHR3	30789737	CHR3:30789737	SSF x Near_LoA	-9,52746554	-0,072	0,297
CHR3	30800112	CHR3:30800112	SSF x Near_LoA	-9,56622205	0,018	0,321
CHR3	30800901	CHR3:30800901	SSF x Near_LoA	-8,3350776	-0,186	0,278
CHR3	30800976	CHR3:30800976	SSF x Near_LoA	-8,44704276	0,011	0,313
CHR3	30806261	CHR3:30806261	SSF x Near_LoA	-8,38412144	0,066	0,302
CHR3	30808060	CHR3:30808060	SSF x Near_LoA	-5,33462357	-0,048	0,306
CHR3	3080978	CHR3:3080978	SSF x Near_LoA	-8,95723457	0,014	0,313
CHR3	30815353	CHR3:30815353	SSF x Near_LoA	-11,0484038	-0,039	0,320
CHR3	30815354	CHR3:30815354	SSF x Near_LoA	-11,9307742	-0,061	0,309
CHR3	30815520	CHR3:30815520	SSF x Near_LoA	-6,82085877	0,064	0,300
CHR3	30815567	CHR3:30815567	SSF x Near_LoA	-9,43148553	-0,012	0,318
CHR3	30815785	CHR3:30815785	SSF x Near_LoA	-10,3001376	0,066	0,292
CHR3	30826673	CHR3:30826673	SSF x Near_LoA	-10,2300255	-0,092	0,327
CHR3	30826801	CHR3:30826801	SSF x Near_LoA	-12,2266242	0,002	0,305
CHR3	30829532	CHR3:30829532	SSF x Near_LoA	-7,89429516	0,062	0,317
CHR3	30829838	CHR3:30829838	SSF x Near_LoA	-7,22062165	0,105	0,301
CHR3	30829847	CHR3:30829847	SSF x Near_LoA	-9,95530573	0,037	0,315
CHR3	30836721	CHR3:30836721	SSF x Near_LoA	-8,95430268	-0,020	0,301
CHR3	30840119	CHR3:30840119	SSF x Near_LoA	-7,9696024	0,091	0,312
CHR3	30841275	CHR3:30841275	SSF x Near_LoA	-10,6430735	0,013	0,301
CHR3	30845529	CHR3:30845529	SSF x Near_LoA	-9,54545475	0,000	0,298
CHR3	30846975	CHR3:30846975	SSF x Near_LoA	-11,9583176	-0,010	0,293
CHR3	30855767	CHR3:30855767	SSF x Near_LoA	-4,81066919	-0,054	0,321
CHR3	30855779	CHR3:30855779	SSF x Near_LoA	-8,59302152	-0,055	0,304
CHR3	30855783	CHR3:30855783	SSF x Near_LoA	-10,8508974	-0,024	0,320
CHR3	30855837	CHR3:30855837	SSF x Near_LoA	-9,35160633	-0,046	0,302
CHR3	30862334	CHR3:30862334	SSF x Near_LoA	-8,32042202	0,033	0,307
CHR3	30867266	CHR3:30867266	SSF x Near_LoA	-6,04044088	-0,149	0,305

CHR3	30867350	CHR3:30867350	SSF x Near_LoA	-10,2316497	0,028	0,303
CHR3	30873744	CHR3:30873744	SSF x Near_LoA	-6,47571365	-0,149	0,309
CHR3	30873948	CHR3:30873948	SSF x Near_LoA	-10,8426483	-0,044	0,298
CHR3	30875772	CHR3:30875772	SSF x Near_LoA	-9,67818358	0,077	0,306
CHR3	30888206	CHR3:30888206	SSF x Near_LoA	-9,10602161	0,005	0,299
CHR3	30888227	CHR3:30888227	SSF x Near_LoA	-11,6637101	-0,039	0,300
CHR3	30888301	CHR3:30888301	SSF x Near_LoA	-11,7048891	0,007	0,310
CHR3	30888305	CHR3:30888305	SSF x Near_LoA	-11,021301	0,069	0,308
CHR3	30888322	CHR3:30888322	SSF x Near_LoA	-9,66709071	-0,127	0,293
CHR3	30888323	CHR3:30888323	SSF x Near_LoA	-10,9586074	-0,109	0,303
CHR3	30888329	CHR3:30888329	SSF x Near_LoA	-11,0340946	0,026	0,307
CHR3	30895251	CHR3:30895251	SSF x Near_LoA	-10,7838487	0,047	0,314
CHR3	30895289	CHR3:30895289	SSF x Near_LoA	-10,6275392	0,057	0,297
CHR3	30899474	CHR3:30899474	SSF x Near_LoA	-6,75307071	-0,118	0,294
CHR3	30899516	CHR3:30899516	SSF x Near_LoA	-9,93591221	0,056	0,303
CHR3	30899548	CHR3:30899548	SSF x Near_LoA	-10,2029959	-0,018	0,313
CHR3	30899556	CHR3:30899556	SSF x Near_LoA	-9,16313905	0,025	0,312
CHR3	30899571	CHR3:30899571	SSF x Near_LoA	-7,59856366	0,100	0,296
CHR3	30899599	CHR3:30899599	SSF x Near_LoA	-11,1483001	0,055	0,301
CHR3	30899673	CHR3:30899673	SSF x Near_LoA	-10,7492821	0,007	0,316
CHR3	3090207	CHR3:3090207	SSF x Near_LoA	-9,07856348	0,076	0,300
CHR3	3090209	CHR3:3090209	SSF x Near_LoA	-8,24042846	0,097	0,309
CHR3	3090260	CHR3:3090260	SSF x Near_LoA	-11,0980724	-0,065	0,296
CHR3	3090270	CHR3:3090270	SSF x Near_LoA	-9,54220853	0,093	0,306
CHR3	3090350	CHR3:3090350	SSF x Near_LoA	-8,13592058	0,045	0,312
CHR3	30904066	CHR3:30904066	SSF x Near_LoA	-9,94366422	0,010	0,305
CHR3	30909905	CHR3:30909905	SSF x Near_LoA	-11,7379505	0,017	0,302
CHR3	30909954	CHR3:30909954	SSF x Near_LoA	-10,4886993	-0,021	0,309
CHR3	30927150	CHR3:30927150	SSF x Near_LoA	-10,04566	0,013	0,304
CHR3	30944860	CHR3:30944860	SSF x Near_LoA	-8,33936612	0,055	0,303
CHR3	30955183	CHR3:30955183	SSF x Near_LoA	-5,28521602	0,116	0,302
CHR3	30955230	CHR3:30955230	SSF x Near_LoA	-10,1165702	-0,090	0,304
CHR3	30955240	CHR3:30955240	SSF x Near_LoA	-11,468853	-0,081	0,300
CHR3	30955335	CHR3:30955335	SSF x Near_LoA	-9,25821548	0,022	0,297
CHR3	30957284	CHR3:30957284	SSF x Near_LoA	-10,1526625	0,060	0,308
CHR3	30957288	CHR3:30957288	SSF x Near_LoA	-10,5016142	-0,009	0,302
CHR3	30959843	CHR3:30959843	SSF x Near_LoA	-9,51599923	-0,097	0,312
CHR3	30966518	CHR3:30966518	SSF x Near_LoA	-8,46723612	-0,070	0,309
CHR3	30966567	CHR3:30966567	SSF x Near_LoA	-10,8111773	0,045	0,304
CHR3	30966588	CHR3:30966588	SSF x Near_LoA	-10,2295957	-0,092	0,309
CHR3	30967299	CHR3:30967299	SSF x Near_LoA	-10,9710857	-0,049	0,322
CHR3	30967309	CHR3:30967309	SSF x Near_LoA	-3,15254285	0,077	0,307
CHR3	30967413	CHR3:30967413	SSF x Near_LoA	-8,98044664	-0,088	0,320
CHR3	30968164	CHR3:30968164	SSF x Near_LoA	-9,32234699	0,098	0,299
CHR3	30972590	CHR3:30972590	SSF x Near_LoA	-10,7014703	-0,085	0,302
CHR3	30972610	CHR3:30972610	SSF x Near_LoA	-2,05666536	-0,124	0,308
CHR3	30972652	CHR3:30972652	SSF x Near_LoA	-7,32765705	-0,089	0,329
CHR3	30972934	CHR3:30972934	SSF x Near_LoA	-9,65269216	-0,062	0,301
CHR3	30972978	CHR3:30972978	SSF x Near_LoA	-9,06051077	-0,052	0,302
CHR3	30972996	CHR3:30972996	SSF x Near_LoA	-9,11726069	-0,073	0,309
CHR3	30973000	CHR3:30973000	SSF x Near_LoA	-8,47517548	-0,043	0,312
CHR3	30973019	CHR3:30973019	SSF x Near_LoA	-5,74441054	-0,162	0,297
CHR3	30977396	CHR3:30977396	SSF x Near_LoA	-8,14267273	-0,034	0,325

CHR3	30977414	CHR3:30977414	SSF x Near_LoA	-7,68681089	-0,044	0,317
CHR3	30984010	CHR3:30984010	SSF x Near_LoA	-8,63563051	0,042	0,320
CHR3	30989918	CHR3:30989918	SSF x Near_LoA	-9,98621974	0,107	0,295
CHR3	30989942	CHR3:30989942	SSF x Near_LoA	-10,2400247	0,077	0,291
CHR3	30998193	CHR3:30998193	SSF x Near_LoA	-8,01531283	-0,017	0,322
CHR3	30998255	CHR3:30998255	SSF x Near_LoA	-8,0807458	-0,088	0,303
CHR3	31002356	CHR3:31002356	SSF x Near_LoA	-9,8087769	-0,094	0,321
CHR3	31002407	CHR3:31002407	SSF x Near_LoA	-9,61416933	0,059	0,305
CHR3	31002497	CHR3:31002497	SSF x Near_LoA	-10,0778277	0,038	0,315
CHR3	3100981	CHR3:3100981	SSF x Near_LoA	-7,98811891	-0,192	0,282
CHR3	31021088	CHR3:31021088	SSF x Near_LoA	-10,4243206	0,007	0,292
CHR3	31021110	CHR3:31021110	SSF x Near_LoA	-10,6535859	-0,047	0,313
CHR3	31021233	CHR3:31021233	SSF x Near_LoA	-9,16319887	0,052	0,293
CHR3	31021244	CHR3:31021244	SSF x Near_LoA	-6,97981997	0,145	0,294
CHR3	31021274	CHR3:31021274	SSF x Near_LoA	-9,88637809	0,123	0,298
CHR3	31021332	CHR3:31021332	SSF x Near_LoA	-9,27899196	-0,020	0,301
CHR3	31021354	CHR3:31021354	SSF x Near_LoA	-7,69384925	-0,150	0,307
CHR3	3102979	CHR3:3102979	SSF x Near_LoA	-12,9008942	-0,005	0,300
CHR3	3102991	CHR3:3102991	SSF x Near_LoA	-7,88583485	-0,008	0,314
CHR3	31047383	CHR3:31047383	SSF x Near_LoA	-8,44428936	-0,031	0,312
CHR3	31047421	CHR3:31047421	SSF x Near_LoA	-9,08003108	-0,062	0,309
CHR3	31050084	CHR3:31050084	SSF x Near_LoA	-10,6552598	0,073	0,309
CHR3	31050738	CHR3:31050738	SSF x Near_LoA	-10,5644413	-0,115	0,307
CHR3	31058470	CHR3:31058470	SSF x Near_LoA	-8,66818208	-0,129	0,313
CHR3	31060531	CHR3:31060531	SSF x Near_LoA	-9,01416343	0,054	0,315
CHR3	31061022	CHR3:31061022	SSF x Near_LoA	-8,05114786	0,130	0,299
CHR3	31063058	CHR3:31063058	SSF x Near_LoA	-10,830544	-0,042	0,305
CHR3	31065153	CHR3:31065153	SSF x Near_LoA	-9,92712065	0,069	0,311
CHR3	31065154	CHR3:31065154	SSF x Near_LoA	-6,35157907	-0,039	0,311
CHR3	31066597	CHR3:31066597	SSF x Near_LoA	-9,95957562	-0,041	0,304
CHR3	31068821	CHR3:31068821	SSF x Near_LoA	-10,2598057	-0,104	0,300
CHR3	31072971	CHR3:31072971	SSF x Near_LoA	-9,29651532	-0,147	0,299
CHR3	31091214	CHR3:31091214	SSF x Near_LoA	-7,51158983	-0,103	0,331
CHR3	31091264	CHR3:31091264	SSF x Near_LoA	-9,80243593	0,013	0,299
CHR3	31091528	CHR3:31091528	SSF x Near_LoA	-8,13118125	0,037	0,318
CHR3	31091536	CHR3:31091536	SSF x Near_LoA	-4,96482899	0,076	0,303
CHR3	31091564	CHR3:31091564	SSF x Near_LoA	-9,74693273	0,016	0,315
CHR3	31102473	CHR3:31102473	SSF x Near_LoA	-7,23963576	0,139	0,304
CHR3	31102584	CHR3:31102584	SSF x Near_LoA	-9,69123842	0,112	0,291
CHR3	31102635	CHR3:31102635	SSF x Near_LoA	-8,80850637	0,113	0,291
CHR3	31102638	CHR3:31102638	SSF x Near_LoA	-10,7005585	-0,133	0,299
CHR3	31102692	CHR3:31102692	SSF x Near_LoA	-10,986191	-0,012	0,289
CHR3	31102720	CHR3:31102720	SSF x Near_LoA	-10,8478845	0,115	0,298
CHR3	31106250	CHR3:31106250	SSF x Near_LoA	-10,6108033	0,016	0,312
CHR3	31106427	CHR3:31106427	SSF x Near_LoA	-10,4951228	-0,101	0,299
CHR3	31111782	CHR3:31111782	SSF x Near_LoA	-5,78039786	-0,149	0,303
CHR3	31111830	CHR3:31111830	SSF x Near_LoA	-9,29090323	-0,084	0,314
CHR3	31112790	CHR3:31112790	SSF x Near_LoA	-6,78991972	0,101	0,295
CHR3	31112791	CHR3:31112791	SSF x Near_LoA	-7,83939608	0,127	0,300
CHR3	31113903	CHR3:31113903	SSF x Near_LoA	-7,11433672	-0,035	0,314
CHR3	31113972	CHR3:31113972	SSF x Near_LoA	-10,7314749	0,019	0,305
CHR3	31113975	CHR3:31113975	SSF x Near_LoA	-6,57408721	0,015	0,317
CHR3	31122139	CHR3:31122139	SSF x Near_LoA	-11,0300378	-0,048	0,299

CHR3	31122196	CHR3:31122196	SSF x Near_LoA	-8,53570489	-0,085	0,302
CHR3	31122300	CHR3:31122300	SSF x Near_LoA	-9,02688476	0,037	0,311
CHR3	31122347	CHR3:31122347	SSF x Near_LoA	-10,731208	-0,101	0,298
CHR3	31128062	CHR3:31128062	SSF x Near_LoA	-3,66003346	-0,061	0,318
CHR3	31129159	CHR3:31129159	SSF x Near_LoA	-8,52525096	0,051	0,317
CHR3	31129211	CHR3:31129211	SSF x Near_LoA	-8,80366035	0,136	0,304
CHR3	31129259	CHR3:31129259	SSF x Near_LoA	-10,4401465	-0,008	0,297
CHR3	31129381	CHR3:31129381	SSF x Near_LoA	-7,4934873	0,032	0,296
CHR3	31134745	CHR3:31134745	SSF x Near_LoA	-10,5044381	0,067	0,312
CHR3	31134784	CHR3:31134784	SSF x Near_LoA	-10,6361866	0,038	0,302
CHR3	31137246	CHR3:31137246	SSF x Near_LoA	-8,86410737	0,067	0,308
CHR3	3113971	CHR3:3113971	SSF x Near_LoA	-9,44100287	-0,055	0,301
CHR3	31140142	CHR3:31140142	SSF x Near_LoA	-9,9295902	0,058	0,308
CHR3	31140194	CHR3:31140194	SSF x Near_LoA	-10,2257519	-0,038	0,309
CHR3	31140217	CHR3:31140217	SSF x Near_LoA	-8,78705731	-0,065	0,298
CHR3	31140248	CHR3:31140248	SSF x Near_LoA	-11,1204263	0,034	0,315
CHR3	3114051	CHR3:3114051	SSF x Near_LoA	-9,4657048	0,003	0,316
CHR3	31141801	CHR3:31141801	SSF x Near_LoA	-7,41618158	0,138	0,301
CHR3	31141802	CHR3:31141802	SSF x Near_LoA	-6,20669152	0,151	0,307
CHR3	31141822	CHR3:31141822	SSF x Near_LoA	-11,2911116	-0,053	0,301
CHR3	31141894	CHR3:31141894	SSF x Near_LoA	-8,92765009	0,066	0,302
CHR3	31141990	CHR3:31141990	SSF x Near_LoA	-9,62376737	-0,034	0,312
CHR3	31147874	CHR3:31147874	SSF x Near_LoA	-9,89967848	-0,042	0,308
CHR3	31147887	CHR3:31147887	SSF x Near_LoA	-10,0230274	-0,029	0,307
CHR3	31147888	CHR3:31147888	SSF x Near_LoA	-7,10345424	-0,157	0,303
CHR3	31148071	CHR3:31148071	SSF x Near_LoA	-4,98464395	0,006	0,316
CHR3	31154138	CHR3:31154138	SSF x Near_LoA	-10,1092029	0,058	0,316
CHR3	31154198	CHR3:31154198	SSF x Near_LoA	-11,5113235	-0,008	0,318
CHR3	31154275	CHR3:31154275	SSF x Near_LoA	-9,64220538	0,064	0,296
CHR3	31154426	CHR3:31154426	SSF x Near_LoA	-9,77339519	-0,022	0,300
CHR3	31154433	CHR3:31154433	SSF x Near_LoA	-6,93545161	0,029	0,318
CHR3	31161185	CHR3:31161185	SSF x Near_LoA	-6,86303066	-0,140	0,299
CHR3	31161189	CHR3:31161189	SSF x Near_LoA	-8,37842838	-0,061	0,323
CHR3	31161342	CHR3:31161342	SSF x Near_LoA	-7,98864478	-0,002	0,300
CHR3	3116538	CHR3:3116538	SSF x Near_LoA	-7,73264069	0,181	0,287
CHR3	3116847	CHR3:3116847	SSF x Near_LoA	-6,248317	-0,169	0,312
CHR3	3116862	CHR3:3116862	SSF x Near_LoA	-9,07035818	-0,022	0,313
CHR3	3116864	CHR3:3116864	SSF x Near_LoA	-10,6821307	-0,031	0,320
CHR3	3116869	CHR3:3116869	SSF x Near_LoA	-10,4053445	-0,023	0,306
CHR3	3116872	CHR3:3116872	SSF x Near_LoA	-11,0511064	-0,073	0,308
CHR3	3116876	CHR3:3116876	SSF x Near_LoA	-8,52854382	-0,141	0,298
CHR3	3116912	CHR3:3116912	SSF x Near_LoA	-9,28297326	-0,025	0,313
CHR3	3117022	CHR3:3117022	SSF x Near_LoA	-8,93651427	0,013	0,298
CHR3	31179747	CHR3:31179747	SSF x Near_LoA	-8,83182814	0,055	0,313
CHR3	31179824	CHR3:31179824	SSF x Near_LoA	-11,5200608	-0,055	0,306
CHR3	31179843	CHR3:31179843	SSF x Near_LoA	-8,3937008	0,100	0,308
CHR3	31184922	CHR3:31184922	SSF x Near_LoA	-9,01054494	0,021	0,304
CHR3	31184959	CHR3:31184959	SSF x Near_LoA	-10,2159742	-0,038	0,295
CHR3	31185182	CHR3:31185182	SSF x Near_LoA	-9,8032033	-0,057	0,324
CHR3	31187237	CHR3:31187237	SSF x Near_LoA	-8,15648457	0,086	0,297
CHR3	31189087	CHR3:31189087	SSF x Near_LoA	-7,85718038	0,128	0,297
CHR3	31189162	CHR3:31189162	SSF x Near_LoA	-9,01481777	-0,040	0,309
CHR3	31189165	CHR3:31189165	SSF x Near_LoA	-8,3694535	0,032	0,318

CHR3	31199300	CHR3:31199300	SSF x Near_LoA	-8,95604842	0,003	0,305
CHR3	31199422	CHR3:31199422	SSF x Near_LoA	-6,02998114	-0,170	0,314
CHR3	31199530	CHR3:31199530	SSF x Near_LoA	-4,5312433	-0,203	0,303
CHR3	31200912	CHR3:31200912	SSF x Near_LoA	-6,66466403	0,139	0,301
CHR3	31200951	CHR3:31200951	SSF x Near_LoA	-2,21856768	-0,137	0,306
CHR3	31202375	CHR3:31202375	SSF x Near_LoA	-9,76094035	0,038	0,316
CHR3	31202453	CHR3:31202453	SSF x Near_LoA	-1,1719167	0,079	0,311
CHR3	312032	CHR3:312032	SSF x Near_LoA	-10,4622613	-0,028	0,300
CHR3	31206291	CHR3:31206291	SSF x Near_LoA	-8,59952895	-0,135	0,287
CHR3	31206338	CHR3:31206338	SSF x Near_LoA	-0,29242009	-0,242	0,303
CHR3	31206352	CHR3:31206352	SSF x Near_LoA	-2,92189415	0,062	0,304
CHR3	31207739	CHR3:31207739	SSF x Near_LoA	-8,31796879	0,097	0,306
CHR3	31207811	CHR3:31207811	SSF x Near_LoA	-7,30728695	0,123	0,287
CHR3	31207937	CHR3:31207937	SSF x Near_LoA	-8,75296443	0,001	0,311
CHR3	31207962	CHR3:31207962	SSF x Near_LoA	-3,28721264	-0,054	0,304
CHR3	312090	CHR3:312090	SSF x Near_LoA	-9,54519941	0,037	0,290
CHR3	31220065	CHR3:31220065	SSF x Near_LoA	-11,226106	0,095	0,294
CHR3	31220071	CHR3:31220071	SSF x Near_LoA	-9,19014447	-0,012	0,301
CHR3	31222933	CHR3:31222933	SSF x Near_LoA	-3,80515563	-0,076	0,303
CHR3	31222972	CHR3:31222972	SSF x Near_LoA	-6,93996028	-0,014	0,297
CHR3	31223059	CHR3:31223059	SSF x Near_LoA	-9,97992856	0,024	0,304
CHR3	31223111	CHR3:31223111	SSF x Near_LoA	-9,43627868	-0,086	0,302
CHR3	31236097	CHR3:31236097	SSF x Near_LoA	-9,6503826	0,049	0,301
CHR3	31238589	CHR3:31238589	SSF x Near_LoA	-9,74542037	0,119	0,299
CHR3	31245929	CHR3:31245929	SSF x Near_LoA	-10,4933802	0,022	0,288
CHR3	31245945	CHR3:31245945	SSF x Near_LoA	-10,6248676	0,001	0,305
CHR3	31245987	CHR3:31245987	SSF x Near_LoA	-9,67449716	0,044	0,300
CHR3	31252791	CHR3:31252791	SSF x Near_LoA	-8,52803583	-0,135	0,301
CHR3	31256105	CHR3:31256105	SSF x Near_LoA	-7,75542158	0,006	0,325
CHR3	31262737	CHR3:31262737	SSF x Near_LoA	-8,69492871	0,114	0,306
CHR3	3126721	CHR3:3126721	SSF x Near_LoA	-8,85807502	0,186	0,304
CHR3	31272954	CHR3:31272954	SSF x Near_LoA	-4,00792051	0,155	0,308
CHR3	31273032	CHR3:31273032	SSF x Near_LoA	-8,91979605	0,048	0,305
CHR3	31285095	CHR3:31285095	SSF x Near_LoA	-9,92101599	-0,079	0,312
CHR3	31285169	CHR3:31285169	SSF x Near_LoA	-8,2705078	0,104	0,312
CHR3	31295678	CHR3:31295678	SSF x Near_LoA	-10,5899243	0,000	0,318
CHR3	31295719	CHR3:31295719	SSF x Near_LoA	-8,49094486	0,049	0,297
CHR3	31295730	CHR3:31295730	SSF x Near_LoA	-8,47585195	-0,009	0,324
CHR3	31295844	CHR3:31295844	SSF x Near_LoA	-7,67869057	0,063	0,289
CHR3	31295863	CHR3:31295863	SSF x Near_LoA	-7,56229018	0,130	0,296
CHR3	31295924	CHR3:31295924	SSF x Near_LoA	-10,1919063	-0,009	0,306
CHR3	31295947	CHR3:31295947	SSF x Near_LoA	-9,33042194	0,009	0,301
CHR3	31295948	CHR3:31295948	SSF x Near_LoA	-8,78324134	-0,045	0,318
CHR3	31295976	CHR3:31295976	SSF x Near_LoA	-8,905397	-0,075	0,302
CHR3	31300598	CHR3:31300598	SSF x Near_LoA	-9,00385971	-0,137	0,294
CHR3	31300630	CHR3:31300630	SSF x Near_LoA	-7,68244829	0,078	0,296
CHR3	31300689	CHR3:31300689	SSF x Near_LoA	-9,4308166	-0,044	0,311
CHR3	31305484	CHR3:31305484	SSF x Near_LoA	-9,39280385	-0,004	0,313
CHR3	31305495	CHR3:31305495	SSF x Near_LoA	-8,95728196	0,131	0,302
CHR3	31305541	CHR3:31305541	SSF x Near_LoA	-7,21122761	-0,010	0,306
CHR3	31305556	CHR3:31305556	SSF x Near_LoA	-6,84447312	-0,193	0,300
CHR3	31307696	CHR3:31307696	SSF x Near_LoA	-8,7751159	0,015	0,321
CHR3	31311233	CHR3:31311233	SSF x Near_LoA	-10,5402805	0,019	0,310

CHR3	31321614	CHR3:31321614	SSF x Near_LoA	-9,40947336	0,014	0,308
CHR3	31326643	CHR3:31326643	SSF x Near_LoA	-8,31882169	0,025	0,306
CHR3	31327437	CHR3:31327437	SSF x Near_LoA	-8,55509252	0,010	0,326
CHR3	31327446	CHR3:31327446	SSF x Near_LoA	-9,76314042	0,021	0,291
CHR3	31331727	CHR3:31331727	SSF x Near_LoA	-11,5226508	-0,026	0,304
CHR3	31331728	CHR3:31331728	SSF x Near_LoA	-11,5759139	0,001	0,316
CHR3	31331860	CHR3:31331860	SSF x Near_LoA	-8,39672698	-0,119	0,306
CHR3	31353517	CHR3:31353517	SSF x Near_LoA	-10,8704738	0,013	0,315
CHR3	31356827	CHR3:31356827	SSF x Near_LoA	-10,739507	-0,048	0,312
CHR3	31356829	CHR3:31356829	SSF x Near_LoA	-11,4141669	-0,008	0,299
CHR3	31356872	CHR3:31356872	SSF x Near_LoA	-9,66039419	0,184	0,303
CHR3	31356878	CHR3:31356878	SSF x Near_LoA	-11,0243194	0,079	0,315
CHR3	31356906	CHR3:31356906	SSF x Near_LoA	-5,0060871	0,141	0,306
CHR3	31356983	CHR3:31356983	SSF x Near_LoA	-10,4485424	-0,003	0,314
CHR3	31357078	CHR3:31357078	SSF x Near_LoA	-9,03062411	0,006	0,321
CHR3	31357096	CHR3:31357096	SSF x Near_LoA	-10,5414796	0,052	0,304
CHR3	31357113	CHR3:31357113	SSF x Near_LoA	-6,40497313	-0,152	0,314
CHR3	31367005	CHR3:31367005	SSF x Near_LoA	-3,94740109	0,077	0,311
CHR3	31367007	CHR3:31367007	SSF x Near_LoA	-8,97246606	0,053	0,315
CHR3	31367042	CHR3:31367042	SSF x Near_LoA	-7,98060747	-0,119	0,294
CHR3	31374714	CHR3:31374714	SSF x Near_LoA	-3,19749822	0,001	0,305
CHR3	31374745	CHR3:31374745	SSF x Near_LoA	-7,94781771	-0,032	0,319
CHR3	31386306	CHR3:31386306	SSF x Near_LoA	-11,4739065	-0,062	0,308
CHR3	31386368	CHR3:31386368	SSF x Near_LoA	-11,0988983	-0,099	0,311
CHR3	31386395	CHR3:31386395	SSF x Near_LoA	-9,67996089	0,040	0,304
CHR3	31386438	CHR3:31386438	SSF x Near_LoA	-9,19162295	-0,047	0,288
CHR3	31398688	CHR3:31398688	SSF x Near_LoA	-10,0293195	-0,042	0,302
CHR3	31398720	CHR3:31398720	SSF x Near_LoA	-8,96699255	0,010	0,308
CHR3	31398770	CHR3:31398770	SSF x Near_LoA	-10,5826266	0,043	0,303
CHR3	31398795	CHR3:31398795	SSF x Near_LoA	-11,8187808	-0,079	0,307
CHR3	3139934	CHR3:3139934	SSF x Near_LoA	-7,73376445	0,155	0,303
CHR3	3140012	CHR3:3140012	SSF x Near_LoA	-9,65871609	0,020	0,304
CHR3	31403953	CHR3:31403953	SSF x Near_LoA	-6,61162277	0,149	0,302
CHR3	31406297	CHR3:31406297	SSF x Near_LoA	-8,56263021	-0,044	0,316
CHR3	31406314	CHR3:31406314	SSF x Near_LoA	-10,3475134	-0,126	0,304
CHR3	31411473	CHR3:31411473	SSF x Near_LoA	-10,8940775	-0,032	0,299
CHR3	31414936	CHR3:31414936	SSF x Near_LoA	-12,7050231	0,039	0,303
CHR3	31448573	CHR3:31448573	SSF x Near_LoA	-9,72445942	0,004	0,313
CHR3	31451446	CHR3:31451446	SSF x Near_LoA	-4,91333388	-0,154	0,285
CHR3	31467412	CHR3:31467412	SSF x Near_LoA	-10,1755319	0,145	0,312
CHR3	31467570	CHR3:31467570	SSF x Near_LoA	-11,4479294	0,000	0,312
CHR3	31467577	CHR3:31467577	SSF x Near_LoA	-9,76688963	-0,075	0,308
CHR3	31467717	CHR3:31467717	SSF x Near_LoA	-8,35766548	-0,011	0,312
CHR3	31482669	CHR3:31482669	SSF x Near_LoA	-10,8710498	-0,033	0,297
CHR3	31482732	CHR3:31482732	SSF x Near_LoA	-10,4283308	-0,076	0,291
CHR3	31489123	CHR3:31489123	SSF x Near_LoA	-7,65891642	-0,144	0,307
CHR3	3151420	CHR3:3151420	SSF x Near_LoA	-7,84728278	0,155	0,299
CHR3	31521108	CHR3:31521108	SSF x Near_LoA	-5,88584867	-0,113	0,306
CHR3	31521185	CHR3:31521185	SSF x Near_LoA	-11,699401	0,000	0,311
CHR3	31521274	CHR3:31521274	SSF x Near_LoA	-8,59886907	-0,117	0,322
CHR3	31533505	CHR3:31533505	SSF x Near_LoA	-9,80125874	0,041	0,305
CHR3	31533646	CHR3:31533646	SSF x Near_LoA	-11,6421521	0,065	0,294
CHR3	31533737	CHR3:31533737	SSF x Near_LoA	-11,3754103	-0,047	0,301

CHR3	31533780	CHR3:31533780	SSF x Near_LoA	-8,39548425	0,002	0,304
CHR3	31533845	CHR3:31533845	SSF x Near_LoA	-11,0480446	-0,085	0,311
CHR3	31533945	CHR3:31533945	SSF x Near_LoA	-10,2193083	0,090	0,312
CHR3	31555000	CHR3:31555000	SSF x Near_LoA	-8,66028213	-0,020	0,311
CHR3	31555005	CHR3:31555005	SSF x Near_LoA	-9,32620567	-0,086	0,306
CHR3	31555233	CHR3:31555233	SSF x Near_LoA	-11,958679	-0,025	0,310
CHR3	31555261	CHR3:31555261	SSF x Near_LoA	-8,17222894	0,031	0,315
CHR3	31567955	CHR3:31567955	SSF x Near_LoA	-11,7280659	-0,069	0,297
CHR3	3157005	CHR3:3157005	SSF x Near_LoA	-10,712172	0,052	0,305
CHR3	31570127	CHR3:31570127	SSF x Near_LoA	-10,3727347	0,087	0,304
CHR3	3157020	CHR3:3157020	SSF x Near_LoA	-6,76070314	-0,045	0,307
CHR3	31570389	CHR3:31570389	SSF x Near_LoA	-9,01213742	0,064	0,306
CHR3	31570421	CHR3:31570421	SSF x Near_LoA	-10,8952263	0,086	0,313
CHR3	31570423	CHR3:31570423	SSF x Near_LoA	-8,24822744	-0,063	0,303
CHR3	31577479	CHR3:31577479	SSF x Near_LoA	-8,56737313	0,046	0,293
CHR3	31577595	CHR3:31577595	SSF x Near_LoA	-11,1456365	0,109	0,308
CHR3	31577657	CHR3:31577657	SSF x Near_LoA	-6,32616096	-0,119	0,300
CHR3	31577912	CHR3:31577912	SSF x Near_LoA	-8,55925633	0,098	0,301
CHR3	31579574	CHR3:31579574	SSF x Near_LoA	-9,6240052	0,136	0,294
CHR3	31581906	CHR3:31581906	SSF x Near_LoA	-10,1701884	-0,080	0,310
CHR3	31581911	CHR3:31581911	SSF x Near_LoA	-7,87355268	-0,136	0,307
CHR3	31581924	CHR3:31581924	SSF x Near_LoA	-8,87964355	-0,017	0,307
CHR3	31581966	CHR3:31581966	SSF x Near_LoA	-8,67682695	0,107	0,301
CHR3	31581992	CHR3:31581992	SSF x Near_LoA	-10,834924	-0,035	0,306
CHR3	31615798	CHR3:31615798	SSF x Near_LoA	-10,5695686	0,067	0,299
CHR3	31616037	CHR3:31616037	SSF x Near_LoA	-11,9183417	-0,106	0,277
CHR3	31622304	CHR3:31622304	SSF x Near_LoA	-7,85852832	0,034	0,305
CHR3	31622537	CHR3:31622537	SSF x Near_LoA	-9,75715823	0,015	0,309
CHR3	31622587	CHR3:31622587	SSF x Near_LoA	-8,80939876	-0,021	0,312
CHR3	31629832	CHR3:31629832	SSF x Near_LoA	-7,39359326	-0,035	0,326
CHR3	31631146	CHR3:31631146	SSF x Near_LoA	-8,31348966	-0,104	0,320
CHR3	31631153	CHR3:31631153	SSF x Near_LoA	-7,81231318	-0,021	0,297
CHR3	31640272	CHR3:31640272	SSF x Near_LoA	-10,4959189	-0,051	0,312
CHR3	31640309	CHR3:31640309	SSF x Near_LoA	-9,14457397	-0,075	0,306
CHR3	31640317	CHR3:31640317	SSF x Near_LoA	-10,4208054	-0,033	0,315
CHR3	31640327	CHR3:31640327	SSF x Near_LoA	-10,3445773	-0,042	0,305
CHR3	31640330	CHR3:31640330	SSF x Near_LoA	-9,93126656	0,083	0,304
CHR3	31640355	CHR3:31640355	SSF x Near_LoA	-10,1604318	0,057	0,297
CHR3	31640359	CHR3:31640359	SSF x Near_LoA	-9,86617103	0,062	0,305
CHR3	31641937	CHR3:31641937	SSF x Near_LoA	-12,2221997	-0,015	0,311
CHR3	3164276	CHR3:3164276	SSF x Near_LoA	-10,7386623	-0,080	0,306
CHR3	31643425	CHR3:31643425	SSF x Near_LoA	-11,1727717	-0,012	0,303
CHR3	31643499	CHR3:31643499	SSF x Near_LoA	-10,9354112	0,042	0,312
CHR3	3164350	CHR3:3164350	SSF x Near_LoA	-10,0501828	0,079	0,312
CHR3	31643537	CHR3:31643537	SSF x Near_LoA	-8,45758374	-0,067	0,312
CHR3	3164399	CHR3:3164399	SSF x Near_LoA	-9,05183048	0,010	0,305
CHR3	3164495	CHR3:3164495	SSF x Near_LoA	-8,82047784	0,034	0,308
CHR3	3164588	CHR3:3164588	SSF x Near_LoA	-8,30800275	0,116	0,300
CHR3	31649654	CHR3:31649654	SSF x Near_LoA	-10,3537048	-0,012	0,315
CHR3	31649737	CHR3:31649737	SSF x Near_LoA	-12,019985	-0,073	0,299
CHR3	31649746	CHR3:31649746	SSF x Near_LoA	-7,28232214	-0,135	0,316
CHR3	31649751	CHR3:31649751	SSF x Near_LoA	-10,1949217	-0,025	0,316
CHR3	31649770	CHR3:31649770	SSF x Near_LoA	-9,63683022	-0,097	0,314

CHR3	31649841	CHR3:31649841	SSF x Near_LoA	-8,21664813	0,037	0,312
CHR3	31649859	CHR3:31649859	SSF x Near_LoA	-7,1652939	-0,053	0,311
CHR3	31649870	CHR3:31649870	SSF x Near_LoA	-8,798856	-0,062	0,308
CHR3	31649903	CHR3:31649903	SSF x Near_LoA	-8,62122662	-0,048	0,308
CHR3	31649935	CHR3:31649935	SSF x Near_LoA	-10,6858288	0,044	0,307
CHR3	31657197	CHR3:31657197	SSF x Near_LoA	-10,4498886	-0,055	0,295
CHR3	31657388	CHR3:31657388	SSF x Near_LoA	-8,30985932	-0,008	0,301
CHR3	31663392	CHR3:31663392	SSF x Near_LoA	-7,15954591	-0,051	0,300
CHR3	31663394	CHR3:31663394	SSF x Near_LoA	-11,1594237	-0,004	0,299
CHR3	31667040	CHR3:31667040	SSF x Near_LoA	-7,11006712	-0,057	0,300
CHR3	31684441	CHR3:31684441	SSF x Near_LoA	-7,45608714	0,111	0,309
CHR3	31684459	CHR3:31684459	SSF x Near_LoA	-10,0145302	0,013	0,309
CHR3	31694132	CHR3:31694132	SSF x Near_LoA	-6,84709914	-0,086	0,322
CHR3	31694155	CHR3:31694155	SSF x Near_LoA	-5,63108458	-0,135	0,303
CHR3	31694241	CHR3:31694241	SSF x Near_LoA	-10,129635	-0,061	0,305
CHR3	31694271	CHR3:31694271	SSF x Near_LoA	-11,1824384	-0,068	0,307
CHR3	31694301	CHR3:31694301	SSF x Near_LoA	-8,99266573	-0,020	0,320
CHR3	31694729	CHR3:31694729	SSF x Near_LoA	-10,0015393	-0,048	0,311
CHR3	31694760	CHR3:31694760	SSF x Near_LoA	-10,7581405	-0,053	0,314
CHR3	31694766	CHR3:31694766	SSF x Near_LoA	-10,1747123	0,003	0,320
CHR3	31694767	CHR3:31694767	SSF x Near_LoA	-7,38652761	0,128	0,304
CHR3	31694771	CHR3:31694771	SSF x Near_LoA	-8,21862275	0,066	0,309
CHR3	31696120	CHR3:31696120	SSF x Near_LoA	-7,56053557	0,010	0,301
CHR3	31696152	CHR3:31696152	SSF x Near_LoA	-7,69632601	-0,164	0,314
CHR3	31697525	CHR3:31697525	SSF x Near_LoA	-10,1654388	0,042	0,306
CHR3	31707309	CHR3:31707309	SSF x Near_LoA	-8,78578713	0,119	0,312
CHR3	31707375	CHR3:31707375	SSF x Near_LoA	-9,17003999	0,098	0,308
CHR3	31707396	CHR3:31707396	SSF x Near_LoA	-11,1034257	-0,033	0,301
CHR3	31707424	CHR3:31707424	SSF x Near_LoA	-12,2598123	0,079	0,305
CHR3	31725925	CHR3:31725925	SSF x Near_LoA	-10,1638188	-0,026	0,315
CHR3	3172679	CHR3:3172679	SSF x Near_LoA	-10,3158573	0,013	0,318
CHR3	3172734	CHR3:3172734	SSF x Near_LoA	-6,43644255	-0,121	0,315
CHR3	31727569	CHR3:31727569	SSF x Near_LoA	-8,16602989	-0,051	0,328
CHR3	31727578	CHR3:31727578	SSF x Near_LoA	-8,24780342	0,086	0,293
CHR3	31727600	CHR3:31727600	SSF x Near_LoA	-10,9975269	-0,027	0,309
CHR3	31727660	CHR3:31727660	SSF x Near_LoA	-11,2716051	-0,021	0,314
CHR3	31727687	CHR3:31727687	SSF x Near_LoA	-0,06945516	-0,101	0,304
CHR3	3172858	CHR3:3172858	SSF x Near_LoA	-3,87175096	-0,064	0,319
CHR3	31731075	CHR3:31731075	SSF x Near_LoA	-10,1481175	0,097	0,298
CHR3	31731366	CHR3:31731366	SSF x Near_LoA	-9,78236761	0,057	0,310
CHR3	31737759	CHR3:31737759	SSF x Near_LoA	-6,41856246	-0,087	0,316
CHR3	3174225	CHR3:3174225	SSF x Near_LoA	-10,3611266	0,148	0,301
CHR3	31744090	CHR3:31744090	SSF x Near_LoA	-10,0931662	0,016	0,318
CHR3	31744091	CHR3:31744091	SSF x Near_LoA	-8,74189923	-0,013	0,320
CHR3	31744092	CHR3:31744092	SSF x Near_LoA	-9,76346913	0,008	0,305
CHR3	31744182	CHR3:31744182	SSF x Near_LoA	3,12697961	0,050	0,313
CHR3	31744201	CHR3:31744201	SSF x Near_LoA	-10,5061131	-0,075	0,313
CHR3	31744212	CHR3:31744212	SSF x Near_LoA	-7,33408239	-0,092	0,311
CHR3	31746881	CHR3:31746881	SSF x Near_LoA	-5,54281218	0,085	0,310
CHR3	31746917	CHR3:31746917	SSF x Near_LoA	-8,92265956	0,060	0,308
CHR3	31746925	CHR3:31746925	SSF x Near_LoA	-9,00787494	0,083	0,300
CHR3	31749402	CHR3:31749402	SSF x Near_LoA	-9,2832212	0,084	0,300
CHR3	31749462	CHR3:31749462	SSF x Near_LoA	-9,8872292	0,030	0,298

CHR3	31755820	CHR3:31755820	SSF x Near_LoA	-10,3267389	-0,013	0,312
CHR3	31773932	CHR3:31773932	SSF x Near_LoA	-9,91235726	0,028	0,317
CHR3	31798759	CHR3:31798759	SSF x Near_LoA	-9,27258278	-0,124	0,316
CHR3	31798825	CHR3:31798825	SSF x Near_LoA	-8,5005789	-0,072	0,326
CHR3	31806660	CHR3:31806660	SSF x Near_LoA	-9,08347856	0,108	0,304
CHR3	31806750	CHR3:31806750	SSF x Near_LoA	-10,8225889	-0,016	0,307
CHR3	31806798	CHR3:31806798	SSF x Near_LoA	-6,4444487	-0,197	0,311
CHR3	31806843	CHR3:31806843	SSF x Near_LoA	10,9296906	0,265	0,288
CHR3	31810179	CHR3:31810179	SSF x Near_LoA	-8,15593722	0,024	0,328
CHR3	31810202	CHR3:31810202	SSF x Near_LoA	-7,43738466	0,111	0,310
CHR3	31821941	CHR3:31821941	SSF x Near_LoA	-7,64996003	-0,197	0,300
CHR3	31821958	CHR3:31821958	SSF x Near_LoA	-9,76507285	0,132	0,300
CHR3	31830581	CHR3:31830581	SSF x Near_LoA	-8,13449836	-0,044	0,301
CHR3	31830583	CHR3:31830583	SSF x Near_LoA	-8,12495963	-0,008	0,310
CHR3	31830641	CHR3:31830641	SSF x Near_LoA	-0,69925979	0,123	0,294
CHR3	31830642	CHR3:31830642	SSF x Near_LoA	-8,97781051	0,088	0,313
CHR3	31830702	CHR3:31830702	SSF x Near_LoA	-11,3199752	0,051	0,310
CHR3	31830742	CHR3:31830742	SSF x Near_LoA	-8,59049406	0,070	0,300
CHR3	31830839	CHR3:31830839	SSF x Near_LoA	-11,8071599	0,007	0,315
CHR3	31835595	CHR3:31835595	SSF x Near_LoA	-7,68962258	-0,025	0,312
CHR3	31835609	CHR3:31835609	SSF x Near_LoA	21,2885228	0,119	0,320
CHR3	31842278	CHR3:31842278	SSF x Near_LoA	-6,11994771	-0,073	0,283
CHR3	31843123	CHR3:31843123	SSF x Near_LoA	-9,9484581	-0,009	0,317
CHR3	31844819	CHR3:31844819	SSF x Near_LoA	-8,56443604	-0,100	0,293
CHR3	31849251	CHR3:31849251	SSF x Near_LoA	-9,53338192	-0,016	0,311
CHR3	31849269	CHR3:31849269	SSF x Near_LoA	-8,61904019	-0,042	0,306
CHR3	31854875	CHR3:31854875	SSF x Near_LoA	-12,1271505	0,005	0,303
CHR3	31858407	CHR3:31858407	SSF x Near_LoA	-10,2526106	0,001	0,292
CHR3	31858427	CHR3:31858427	SSF x Near_LoA	-8,72531559	0,041	0,299
CHR3	31858528	CHR3:31858528	SSF x Near_LoA	-7,90719724	-0,050	0,304
CHR3	31858536	CHR3:31858536	SSF x Near_LoA	-10,1383231	-0,042	0,293
CHR3	31858608	CHR3:31858608	SSF x Near_LoA	-9,74047394	-0,065	0,278
CHR3	31860162	CHR3:31860162	SSF x Near_LoA	-10,5650113	-0,057	0,294
CHR3	31860236	CHR3:31860236	SSF x Near_LoA	-5,70072976	0,214	0,290
CHR3	31860245	CHR3:31860245	SSF x Near_LoA	-10,6494192	-0,064	0,315
CHR3	31864481	CHR3:31864481	SSF x Near_LoA	-8,55913789	0,004	0,307
CHR3	3187854	CHR3:3187854	SSF x Near_LoA	-11,0032704	-0,005	0,302
CHR3	3187870	CHR3:3187870	SSF x Near_LoA	-11,6087198	0,037	0,313
CHR3	31884642	CHR3:31884642	SSF x Near_LoA	-9,10139716	-0,046	0,294
CHR3	31884649	CHR3:31884649	SSF x Near_LoA	-8,05270669	-0,028	0,323
CHR3	31884682	CHR3:31884682	SSF x Near_LoA	-7,56050355	0,005	0,306
CHR3	31884688	CHR3:31884688	SSF x Near_LoA	-9,3508876	-0,112	0,306
CHR3	31884732	CHR3:31884732	SSF x Near_LoA	-9,02444958	-0,030	0,320
CHR3	31884734	CHR3:31884734	SSF x Near_LoA	-9,61018	-0,023	0,312
CHR3	31884765	CHR3:31884765	SSF x Near_LoA	-9,75562541	0,054	0,318
CHR3	31887392	CHR3:31887392	SSF x Near_LoA	-9,73590576	0,175	0,291
CHR3	31887518	CHR3:31887518	SSF x Near_LoA	-10,2122828	0,007	0,308
CHR3	31887662	CHR3:31887662	SSF x Near_LoA	-9,18304296	-0,003	0,311
CHR3	31895801	CHR3:31895801	SSF x Near_LoA	-9,17491828	-0,055	0,305
CHR3	31895931	CHR3:31895931	SSF x Near_LoA	-8,47515094	0,097	0,316
CHR3	31897291	CHR3:31897291	SSF x Near_LoA	-11,5967213	0,014	0,302
CHR3	31897320	CHR3:31897320	SSF x Near_LoA	-10,8719718	0,044	0,296
CHR3	31897321	CHR3:31897321	SSF x Near_LoA	-6,96262127	0,047	0,326

CHR3	31897361	CHR3:31897361	SSF x Near_LoA	-8,79105214	-0,108	0,319
CHR3	31897366	CHR3:31897366	SSF x Near_LoA	-7,88596244	0,005	0,312
CHR3	31899501	CHR3:31899501	SSF x Near_LoA	-10,5604003	0,006	0,313
CHR3	31903011	CHR3:31903011	SSF x Near_LoA	-11,0444868	0,008	0,314
CHR3	31905544	CHR3:31905544	SSF x Near_LoA	-8,76702186	0,016	0,307
CHR3	31905566	CHR3:31905566	SSF x Near_LoA	-9,24960017	-0,100	0,294
CHR3	3190581	CHR3:3190581	SSF x Near_LoA	-8,82531938	0,062	0,306
CHR3	31907184	CHR3:31907184	SSF x Near_LoA	-10,0276343	-0,044	0,314
CHR3	31907370	CHR3:31907370	SSF x Near_LoA	-6,52327564	0,125	0,299
CHR3	31907412	CHR3:31907412	SSF x Near_LoA	-10,1922111	-0,067	0,294
CHR3	31907413	CHR3:31907413	SSF x Near_LoA	-10,4237776	-0,059	0,303
CHR3	31909946	CHR3:31909946	SSF x Near_LoA	-8,81114886	0,097	0,302
CHR3	31915531	CHR3:31915531	SSF x Near_LoA	-6,75892614	-0,150	0,319
CHR3	31916849	CHR3:31916849	SSF x Near_LoA	-7,60684733	0,018	0,313
CHR3	31917638	CHR3:31917638	SSF x Near_LoA	-0,5207297	-0,078	0,314
CHR3	31917666	CHR3:31917666	SSF x Near_LoA	-9,90899717	0,099	0,306
CHR3	31917692	CHR3:31917692	SSF x Near_LoA	-4,55346145	0,113	0,291
CHR3	31922921	CHR3:31922921	SSF x Near_LoA	-9,70521491	-0,073	0,297
CHR3	31923026	CHR3:31923026	SSF x Near_LoA	-3,9788799	-0,144	0,293
CHR3	31924479	CHR3:31924479	SSF x Near_LoA	3,5127854	-0,008	0,313
CHR3	31925559	CHR3:31925559	SSF x Near_LoA	-8,90011663	0,033	0,303
CHR3	31925714	CHR3:31925714	SSF x Near_LoA	-10,3630768	0,140	0,291
CHR3	31930610	CHR3:31930610	SSF x Near_LoA	-7,95635404	-0,081	0,302
CHR3	31930671	CHR3:31930671	SSF x Near_LoA	-4,58375116	-0,105	0,286
CHR3	31936785	CHR3:31936785	SSF x Near_LoA	-10,8135804	-0,056	0,309
CHR3	31936978	CHR3:31936978	SSF x Near_LoA	-8,60221547	-0,072	0,304
CHR3	31938877	CHR3:31938877	SSF x Near_LoA	-6,15462873	0,083	0,324
CHR3	31938891	CHR3:31938891	SSF x Near_LoA	-8,10029161	0,037	0,316
CHR3	31938912	CHR3:31938912	SSF x Near_LoA	-9,05404662	0,140	0,300
CHR3	31938944	CHR3:31938944	SSF x Near_LoA	-7,97957154	0,030	0,306
CHR3	31945281	CHR3:31945281	SSF x Near_LoA	-8,08843798	-0,125	0,297
CHR3	31945311	CHR3:31945311	SSF x Near_LoA	-9,75016586	-0,070	0,299
CHR3	31945408	CHR3:31945408	SSF x Near_LoA	-11,5016669	0,061	0,299
CHR3	31945509	CHR3:31945509	SSF x Near_LoA	-9,89446964	-0,118	0,307
CHR3	31963286	CHR3:31963286	SSF x Near_LoA	-7,50969827	0,056	0,325
CHR3	31963309	CHR3:31963309	SSF x Near_LoA	-7,70378267	0,082	0,299
CHR3	31979211	CHR3:31979211	SSF x Near_LoA	-7,86096513	-0,121	0,308
CHR3	31979218	CHR3:31979218	SSF x Near_LoA	-10,6952155	-0,011	0,305
CHR3	31979631	CHR3:31979631	SSF x Near_LoA	-7,21127079	0,195	0,293
CHR3	31979690	CHR3:31979690	SSF x Near_LoA	-10,0138095	-0,029	0,320
CHR3	31983877	CHR3:31983877	SSF x Near_LoA	-10,098863	0,062	0,289
CHR3	31984002	CHR3:31984002	SSF x Near_LoA	-7,34946782	-0,083	0,311
CHR3	31984091	CHR3:31984091	SSF x Near_LoA	-9,08710871	-0,037	0,303
CHR3	32001959	CHR3:32001959	SSF x Near_LoA	-9,11169233	0,203	0,302
CHR3	32002143	CHR3:32002143	SSF x Near_LoA	-10,6936411	0,065	0,308
CHR3	32002160	CHR3:32002160	SSF x Near_LoA	-9,85559656	-0,037	0,308
CHR3	32011807	CHR3:32011807	SSF x Near_LoA	-8,99008821	0,073	0,306
CHR3	32011828	CHR3:32011828	SSF x Near_LoA	-10,4999923	0,021	0,289
CHR3	32012105	CHR3:32012105	SSF x Near_LoA	0,95270718	-0,016	0,314
CHR3	32015178	CHR3:32015178	SSF x Near_LoA	-6,32432102	-0,023	0,300
CHR3	32015232	CHR3:32015232	SSF x Near_LoA	-9,19471208	-0,112	0,311
CHR3	32015288	CHR3:32015288	SSF x Near_LoA	-7,2680635	-0,065	0,315
CHR3	32015365	CHR3:32015365	SSF x Near_LoA	-7,60640856	0,056	0,309

CHR3	32015396	CHR3:32015396	SSF x Near_LoA	-8,72980647	-0,122	0,319
CHR3	3201935	CHR3:3201935	SSF x Near_LoA	-11,6983471	0,023	0,301
CHR3	32023203	CHR3:32023203	SSF x Near_LoA	-8,27598977	-0,128	0,314
CHR3	32023518	CHR3:32023518	SSF x Near_LoA	-10,1929281	0,041	0,307
CHR3	32040775	CHR3:32040775	SSF x Near_LoA	-8,98719557	0,084	0,316
CHR3	32040869	CHR3:32040869	SSF x Near_LoA	-9,03895486	-0,066	0,316
CHR3	32040873	CHR3:32040873	SSF x Near_LoA	-9,40910941	0,065	0,299
CHR3	32040903	CHR3:32040903	SSF x Near_LoA	-10,8336982	-0,007	0,305
CHR3	32040934	CHR3:32040934	SSF x Near_LoA	-10,126072	-0,047	0,309
CHR3	32040941	CHR3:32040941	SSF x Near_LoA	-7,58421298	-0,039	0,279
CHR3	32040955	CHR3:32040955	SSF x Near_LoA	-9,32096286	-0,056	0,309
CHR3	32041022	CHR3:32041022	SSF x Near_LoA	-10,9001647	-0,064	0,308
CHR3	32046135	CHR3:32046135	SSF x Near_LoA	-10,9611311	0,080	0,300
CHR3	32046342	CHR3:32046342	SSF x Near_LoA	-10,034584	0,155	0,312
CHR3	32050992	CHR3:32050992	SSF x Near_LoA	-8,27736243	-0,039	0,302
CHR3	32051000	CHR3:32051000	SSF x Near_LoA	-5,53511737	-0,022	0,320
CHR3	32054230	CHR3:32054230	SSF x Near_LoA	-8,82051668	-0,055	0,299
CHR3	32054497	CHR3:32054497	SSF x Near_LoA	-8,57908563	-0,075	0,318
CHR3	32059791	CHR3:32059791	SSF x Near_LoA	-7,74314785	-0,078	0,319
CHR3	32059792	CHR3:32059792	SSF x Near_LoA	-9,50286332	-0,060	0,313
CHR3	32059810	CHR3:32059810	SSF x Near_LoA	-8,49993545	-0,102	0,306
CHR3	32059813	CHR3:32059813	SSF x Near_LoA	-3,53180806	-0,174	0,292
CHR3	32066137	CHR3:32066137	SSF x Near_LoA	-10,9328796	-0,036	0,321
CHR3	32067081	CHR3:32067081	SSF x Near_LoA	-6,30150018	-0,093	0,315
CHR3	32069403	CHR3:32069403	SSF x Near_LoA	-11,9343129	-0,037	0,303
CHR3	32069454	CHR3:32069454	SSF x Near_LoA	-10,7873153	0,026	0,314
CHR3	32080732	CHR3:32080732	SSF x Near_LoA	-9,40402243	0,060	0,306
CHR3	32080741	CHR3:32080741	SSF x Near_LoA	-8,96709953	0,158	0,285
CHR3	32106621	CHR3:32106621	SSF x Near_LoA	-8,85470913	-0,083	0,298
CHR3	32106631	CHR3:32106631	SSF x Near_LoA	-11,7392264	0,040	0,303
CHR3	32106638	CHR3:32106638	SSF x Near_LoA	-9,98394978	-0,054	0,303
CHR3	32106761	CHR3:32106761	SSF x Near_LoA	-9,07628603	0,020	0,301
CHR3	32106835	CHR3:32106835	SSF x Near_LoA	-9,53779146	-0,035	0,315
CHR3	32106836	CHR3:32106836	SSF x Near_LoA	-11,3444218	0,012	0,293
CHR3	32114831	CHR3:32114831	SSF x Near_LoA	-7,29677134	0,111	0,310
CHR3	32114840	CHR3:32114840	SSF x Near_LoA	-10,4438218	0,014	0,310
CHR3	32114865	CHR3:32114865	SSF x Near_LoA	-9,1293178	0,083	0,307
CHR3	32114883	CHR3:32114883	SSF x Near_LoA	-2,65672009	-0,232	0,285
CHR3	32118871	CHR3:32118871	SSF x Near_LoA	-9,01770965	0,085	0,310
CHR3	32119126	CHR3:32119126	SSF x Near_LoA	-7,07564851	0,025	0,310
CHR3	32119280	CHR3:32119280	SSF x Near_LoA	-9,81316792	-0,079	0,310
CHR3	32125940	CHR3:32125940	SSF x Near_LoA	-9,5203585	0,043	0,324
CHR3	32125957	CHR3:32125957	SSF x Near_LoA	-9,07479539	-0,041	0,319
CHR3	32138034	CHR3:32138034	SSF x Near_LoA	-6,71527747	0,162	0,311
CHR3	32147792	CHR3:32147792	SSF x Near_LoA	-7,72232952	-0,069	0,317
CHR3	32147852	CHR3:32147852	SSF x Near_LoA	-9,35367084	-0,047	0,319
CHR3	32147953	CHR3:32147953	SSF x Near_LoA	-10,2616879	0,035	0,304
CHR3	32149327	CHR3:32149327	SSF x Near_LoA	-8,73714931	0,103	0,300
CHR3	32153034	CHR3:32153034	SSF x Near_LoA	-3,59167764	0,017	0,310
CHR3	32153036	CHR3:32153036	SSF x Near_LoA	-8,44141835	0,030	0,315
CHR3	32153823	CHR3:32153823	SSF x Near_LoA	-8,8264385	0,066	0,301
CHR3	32167702	CHR3:32167702	SSF x Near_LoA	-9,55756736	-0,049	0,324
CHR3	32167911	CHR3:32167911	SSF x Near_LoA	-7,62941944	-0,055	0,311

CHR3	32169994	CHR3:32169994	SSF x Near_LoA	-9,93094467	-0,128	0,302
CHR3	32170001	CHR3:32170001	SSF x Near_LoA	-10,9038552	0,034	0,286
CHR3	32178621	CHR3:32178621	SSF x Near_LoA	-10,9095582	-0,077	0,308
CHR3	32178707	CHR3:32178707	SSF x Near_LoA	-8,54786653	0,075	0,310
CHR3	32178920	CHR3:32178920	SSF x Near_LoA	-12,1835921	0,094	0,301
CHR3	32179998	CHR3:32179998	SSF x Near_LoA	-7,82551074	0,060	0,303
CHR3	32185120	CHR3:32185120	SSF x Near_LoA	-8,72783599	0,010	0,308
CHR3	32185141	CHR3:32185141	SSF x Near_LoA	-9,77871759	-0,011	0,310
CHR3	32185178	CHR3:32185178	SSF x Near_LoA	-9,95795977	-0,024	0,304
CHR3	32189644	CHR3:32189644	SSF x Near_LoA	-8,03438178	-0,023	0,314
CHR3	3219462	CHR3:3219462	SSF x Near_LoA	-9,30521065	-0,010	0,309
CHR3	3219486	CHR3:3219486	SSF x Near_LoA	-6,90275388	-0,010	0,295
CHR3	3219497	CHR3:3219497	SSF x Near_LoA	-10,4257188	-0,007	0,310
CHR3	3219506	CHR3:3219506	SSF x Near_LoA	-10,5720123	-0,144	0,301
CHR3	32196810	CHR3:32196810	SSF x Near_LoA	-10,7652802	0,047	0,310
CHR3	32196925	CHR3:32196925	SSF x Near_LoA	-9,03198396	-0,044	0,311
CHR3	32199713	CHR3:32199713	SSF x Near_LoA	-3,99617754	0,017	0,317
CHR3	32201002	CHR3:32201002	SSF x Near_LoA	-11,4196345	0,044	0,306
CHR3	32201040	CHR3:32201040	SSF x Near_LoA	-11,2677855	-0,008	0,303
CHR3	32201823	CHR3:32201823	SSF x Near_LoA	-9,47417941	0,047	0,307
CHR3	32201875	CHR3:32201875	SSF x Near_LoA	-8,65304327	-0,077	0,308
CHR3	32204708	CHR3:32204708	SSF x Near_LoA	-10,2160099	-0,008	0,312
CHR3	32208651	CHR3:32208651	SSF x Near_LoA	-9,05387966	-0,068	0,315
CHR3	32208684	CHR3:32208684	SSF x Near_LoA	-7,70555862	-0,104	0,296
CHR3	32208757	CHR3:32208757	SSF x Near_LoA	-8,38702598	0,011	0,302
CHR3	32208762	CHR3:32208762	SSF x Near_LoA	-10,0807736	0,032	0,309
CHR3	32208846	CHR3:32208846	SSF x Near_LoA	-10,1156987	0,073	0,304
CHR3	32210038	CHR3:32210038	SSF x Near_LoA	-11,4924672	0,010	0,287
CHR3	32210116	CHR3:32210116	SSF x Near_LoA	-10,0701312	-0,023	0,314
CHR3	32213243	CHR3:32213243	SSF x Near_LoA	-8,82308007	-0,023	0,306
CHR3	32213263	CHR3:32213263	SSF x Near_LoA	-7,82972803	-0,023	0,310
CHR3	32217045	CHR3:32217045	SSF x Near_LoA	-5,01149351	-0,087	0,303
CHR3	32232622	CHR3:32232622	SSF x Near_LoA	-9,29354939	0,066	0,322
CHR3	32232771	CHR3:32232771	SSF x Near_LoA	-9,492246	-0,035	0,305
CHR3	32240299	CHR3:32240299	SSF x Near_LoA	-7,15150084	-0,036	0,307
CHR3	32240365	CHR3:32240365	SSF x Near_LoA	-9,07608435	0,019	0,308
CHR3	32242711	CHR3:32242711	SSF x Near_LoA	-9,49386245	0,107	0,299
CHR3	32242754	CHR3:32242754	SSF x Near_LoA	-9,50366847	0,100	0,309
CHR3	32247734	CHR3:32247734	SSF x Near_LoA	-10,4779642	0,056	0,306
CHR3	32247793	CHR3:32247793	SSF x Near_LoA	-9,68826177	0,012	0,317
CHR3	32247807	CHR3:32247807	SSF x Near_LoA	-10,5942273	0,072	0,307
CHR3	32247865	CHR3:32247865	SSF x Near_LoA	-9,77345615	0,004	0,304
CHR3	32252320	CHR3:32252320	SSF x Near_LoA	-11,866893	-0,053	0,303
CHR3	32252344	CHR3:32252344	SSF x Near_LoA	-11,0951106	-0,067	0,300
CHR3	32252475	CHR3:32252475	SSF x Near_LoA	-8,08553028	-0,038	0,308
CHR3	32260243	CHR3:32260243	SSF x Near_LoA	-7,96014216	0,154	0,296
CHR3	32260370	CHR3:32260370	SSF x Near_LoA	-10,2415371	0,034	0,311
CHR3	32262805	CHR3:32262805	SSF x Near_LoA	-10,1814212	0,039	0,310
CHR3	32262924	CHR3:32262924	SSF x Near_LoA	-7,62386165	-0,024	0,312
CHR3	32266494	CHR3:32266494	SSF x Near_LoA	-9,1116215	0,066	0,310
CHR3	32266572	CHR3:32266572	SSF x Near_LoA	-9,4685953	0,038	0,301
CHR3	32270347	CHR3:32270347	SSF x Near_LoA	-9,90195047	-0,007	0,294
CHR3	32270402	CHR3:32270402	SSF x Near_LoA	-8,76780942	0,034	0,308

CHR3	32271513	CHR3:32271513	SSF x Near_LoA	-9,98618598	-0,112	0,316
CHR3	32271533	CHR3:32271533	SSF x Near_LoA	-11,7513621	0,032	0,318
CHR3	32271866	CHR3:32271866	SSF x Near_LoA	-7,58153125	0,029	0,316
CHR3	32271895	CHR3:32271895	SSF x Near_LoA	-10,7104004	-0,112	0,300
CHR3	32276303	CHR3:32276303	SSF x Near_LoA	-8,80513408	0,062	0,306
CHR3	32276306	CHR3:32276306	SSF x Near_LoA	-12,0015652	-0,015	0,313
CHR3	32277491	CHR3:32277491	SSF x Near_LoA	-7,4218224	0,000	0,311
CHR3	32277497	CHR3:32277497	SSF x Near_LoA	-1,32056938	0,103	0,302
CHR3	32277522	CHR3:32277522	SSF x Near_LoA	-10,8434872	-0,096	0,310
CHR3	32277526	CHR3:32277526	SSF x Near_LoA	-6,38359746	-0,067	0,309
CHR3	32277528	CHR3:32277528	SSF x Near_LoA	-9,26953714	-0,082	0,310
CHR3	3227805	CHR3:3227805	SSF x Near_LoA	-4,22526782	0,155	0,302
CHR3	3227820	CHR3:3227820	SSF x Near_LoA	-10,4736709	0,080	0,305
CHR3	3227864	CHR3:3227864	SSF x Near_LoA	-9,81140829	-0,023	0,310
CHR3	32287748	CHR3:32287748	SSF x Near_LoA	-9,27093006	0,129	0,305
CHR3	32295270	CHR3:32295270	SSF x Near_LoA	-5,67627928	0,047	0,302
CHR3	32295292	CHR3:32295292	SSF x Near_LoA	-9,76984904	0,085	0,308
CHR3	32295336	CHR3:32295336	SSF x Near_LoA	-10,748082	-0,060	0,304
CHR3	32295354	CHR3:32295354	SSF x Near_LoA	-10,7683963	0,007	0,308
CHR3	32295392	CHR3:32295392	SSF x Near_LoA	-10,2911156	0,083	0,301
CHR3	32295415	CHR3:32295415	SSF x Near_LoA	-7,19939403	-0,021	0,309
CHR3	32300123	CHR3:32300123	SSF x Near_LoA	-10,4054747	-0,060	0,310
CHR3	32300259	CHR3:32300259	SSF x Near_LoA	-10,0255382	-0,003	0,307
CHR3	32300271	CHR3:32300271	SSF x Near_LoA	-10,6158343	-0,042	0,311
CHR3	32300291	CHR3:32300291	SSF x Near_LoA	-9,16684725	-0,030	0,310
CHR3	32300349	CHR3:32300349	SSF x Near_LoA	-6,06671796	0,005	0,321
CHR3	32300351	CHR3:32300351	SSF x Near_LoA	-8,93429853	0,017	0,304
CHR3	32301792	CHR3:32301792	SSF x Near_LoA	-6,88592148	-0,143	0,301
CHR3	32301805	CHR3:32301805	SSF x Near_LoA	-10,2251788	0,031	0,315
CHR3	32301974	CHR3:32301974	SSF x Near_LoA	-9,41939492	0,104	0,281
CHR3	32301979	CHR3:32301979	SSF x Near_LoA	-9,25685031	0,103	0,301
CHR3	32319099	CHR3:32319099	SSF x Near_LoA	-9,98052618	-0,078	0,312
CHR3	32319105	CHR3:32319105	SSF x Near_LoA	-12,555355	0,025	0,293
CHR3	32319184	CHR3:32319184	SSF x Near_LoA	-11,3576343	-0,008	0,314
CHR3	32319207	CHR3:32319207	SSF x Near_LoA	-9,6529484	-0,027	0,298
CHR3	32319290	CHR3:32319290	SSF x Near_LoA	-7,25133993	0,073	0,311
CHR3	32319312	CHR3:32319312	SSF x Near_LoA	-6,88793583	-0,157	0,297
CHR3	3232181	CHR3:3232181	SSF x Near_LoA	-8,74631972	0,001	0,295
CHR3	32324614	CHR3:32324614	SSF x Near_LoA	-11,661463	0,021	0,309
CHR3	32324792	CHR3:32324792	SSF x Near_LoA	-9,37105953	-0,009	0,308
CHR3	32324855	CHR3:32324855	SSF x Near_LoA	-9,67560397	0,073	0,312
CHR3	32324870	CHR3:32324870	SSF x Near_LoA	-9,95325008	-0,132	0,295
CHR3	32324931	CHR3:32324931	SSF x Near_LoA	-9,15578107	0,122	0,300
CHR3	32328911	CHR3:32328911	SSF x Near_LoA	-6,950946	0,088	0,302
CHR3	32334692	CHR3:32334692	SSF x Near_LoA	-9,29037673	-0,045	0,301
CHR3	32334711	CHR3:32334711	SSF x Near_LoA	-9,41898892	-0,022	0,307
CHR3	32334713	CHR3:32334713	SSF x Near_LoA	-9,56974342	0,073	0,309
CHR3	32334744	CHR3:32334744	SSF x Near_LoA	-10,0434423	0,032	0,296
CHR3	32334806	CHR3:32334806	SSF x Near_LoA	-9,08059618	-0,010	0,314
CHR3	32334878	CHR3:32334878	SSF x Near_LoA	-7,88028689	0,015	0,299
CHR3	32341645	CHR3:32341645	SSF x Near_LoA	-9,80106261	0,085	0,299
CHR3	32349371	CHR3:32349371	SSF x Near_LoA	-8,57320232	-0,015	0,313
CHR3	32349423	CHR3:32349423	SSF x Near_LoA	-10,2157947	-0,069	0,295

CHR3	32353408	CHR3:32353408	SSF x Near_LoA	-8,3808669	-0,083	0,303
CHR3	32359511	CHR3:32359511	SSF x Near_LoA	-9,67930373	0,011	0,303
CHR3	32384880	CHR3:32384880	SSF x Near_LoA	-8,26578189	0,018	0,313
CHR3	32384912	CHR3:32384912	SSF x Near_LoA	-10,6133542	-0,055	0,303
CHR3	32384971	CHR3:32384971	SSF x Near_LoA	-6,67786884	0,110	0,312
CHR3	32392738	CHR3:32392738	SSF x Near_LoA	-11,0769619	-0,114	0,309
CHR3	32392809	CHR3:32392809	SSF x Near_LoA	-7,34566464	0,141	0,314
CHR3	32406404	CHR3:32406404	SSF x Near_LoA	-11,5758836	-0,020	0,294
CHR3	32406416	CHR3:32406416	SSF x Near_LoA	-10,8863432	-0,020	0,302
CHR3	32406970	CHR3:32406970	SSF x Near_LoA	-6,50678331	-0,097	0,312
CHR3	3241522	CHR3:3241522	SSF x Near_LoA	-7,24945778	0,016	0,309
CHR3	3241550	CHR3:3241550	SSF x Near_LoA	-10,4193816	-0,005	0,317
CHR3	3241560	CHR3:3241560	SSF x Near_LoA	-11,0417961	0,019	0,316
CHR3	3242848	CHR3:3242848	SSF x Near_LoA	-8,62367514	0,015	0,312
CHR3	324327	CHR3:324327	SSF x Near_LoA	-9,49087596	-0,033	0,292
CHR3	32439973	CHR3:32439973	SSF x Near_LoA	-10,8847282	0,041	0,292
CHR3	32440099	CHR3:32440099	SSF x Near_LoA	-8,03074166	0,099	0,304
CHR3	32454058	CHR3:32454058	SSF x Near_LoA	-5,46039432	-0,147	0,300
CHR3	32456503	CHR3:32456503	SSF x Near_LoA	-9,83902868	-0,030	0,314
CHR3	32456539	CHR3:32456539	SSF x Near_LoA	-11,2335837	0,081	0,308
CHR3	32456704	CHR3:32456704	SSF x Near_LoA	-10,4264727	-0,091	0,311
CHR3	32456734	CHR3:32456734	SSF x Near_LoA	-9,8941909	0,069	0,306
CHR3	32456740	CHR3:32456740	SSF x Near_LoA	-9,75041973	0,003	0,312
CHR3	32460160	CHR3:32460160	SSF x Near_LoA	-9,72723834	-0,034	0,319
CHR3	32460193	CHR3:32460193	SSF x Near_LoA	-11,0629516	-0,087	0,312
CHR3	32463047	CHR3:32463047	SSF x Near_LoA	-7,22797071	0,193	0,289
CHR3	32467275	CHR3:32467275	SSF x Near_LoA	-3,6269136	0,222	0,273
CHR3	32467486	CHR3:32467486	SSF x Near_LoA	-7,85964992	0,074	0,322
CHR3	32496993	CHR3:32496993	SSF x Near_LoA	-9,13374335	-0,019	0,313
CHR3	32497126	CHR3:32497126	SSF x Near_LoA	-7,72410157	-0,059	0,314
CHR3	32498381	CHR3:32498381	SSF x Near_LoA	-8,55138871	0,056	0,322
CHR3	32514146	CHR3:32514146	SSF x Near_LoA	-11,896032	-0,028	0,303
CHR3	32514149	CHR3:32514149	SSF x Near_LoA	-10,9538505	-0,024	0,291
CHR3	32521487	CHR3:32521487	SSF x Near_LoA	-10,2826673	-0,053	0,310
CHR3	32521555	CHR3:32521555	SSF x Near_LoA	-10,8447052	0,089	0,299
CHR3	32523957	CHR3:32523957	SSF x Near_LoA	-11,5981022	0,018	0,310
CHR3	32523967	CHR3:32523967	SSF x Near_LoA	-11,1234313	0,011	0,310
CHR3	32524019	CHR3:32524019	SSF x Near_LoA	-7,08912164	0,099	0,308
CHR3	32524154	CHR3:32524154	SSF x Near_LoA	-10,5337696	-0,010	0,313
CHR3	32527667	CHR3:32527667	SSF x Near_LoA	-8,1447708	0,002	0,309
CHR3	32527901	CHR3:32527901	SSF x Near_LoA	-9,23467768	-0,012	0,312
CHR3	32528732	CHR3:32528732	SSF x Near_LoA	-5,63775185	-0,116	0,313
CHR3	32539268	CHR3:32539268	SSF x Near_LoA	1,46838592	-0,010	0,301
CHR3	32539502	CHR3:32539502	SSF x Near_LoA	-7,73035296	-0,033	0,322
CHR3	3256824	CHR3:3256824	SSF x Near_LoA	6,55017584	-0,076	0,294
CHR3	3256871	CHR3:3256871	SSF x Near_LoA	-10,5280294	0,072	0,301
CHR3	3256919	CHR3:3256919	SSF x Near_LoA	-5,05908891	-0,199	0,305
CHR3	3256920	CHR3:3256920	SSF x Near_LoA	-7,22876287	-0,170	0,309
CHR3	3256962	CHR3:3256962	SSF x Near_LoA	-9,05777728	0,030	0,312
CHR3	3257005	CHR3:3257005	SSF x Near_LoA	-10,1698072	-0,021	0,308
CHR3	3257040	CHR3:3257040	SSF x Near_LoA	-6,49920316	-0,078	0,292
CHR3	3257042	CHR3:3257042	SSF x Near_LoA	-0,73669495	-0,112	0,299
CHR3	3257104	CHR3:3257104	SSF x Near_LoA	-10,407551	0,047	0,299

CHR3	32590070	CHR3:32590070	SSF x Near_LoA	-9,72240755	-0,099	0,307
CHR3	32590089	CHR3:32590089	SSF x Near_LoA	-9,69081405	-0,060	0,309
CHR3	32590351	CHR3:32590351	SSF x Near_LoA	-7,58066696	0,091	0,298
CHR3	32597567	CHR3:32597567	SSF x Near_LoA	-11,3491773	0,100	0,306
CHR3	32644034	CHR3:32644034	SSF x Near_LoA	-9,99257824	0,004	0,304
CHR3	32660828	CHR3:32660828	SSF x Near_LoA	-6,31803506	-0,043	0,309
CHR3	32660891	CHR3:32660891	SSF x Near_LoA	-11,6550196	-0,013	0,305
CHR3	32672922	CHR3:32672922	SSF x Near_LoA	-9,11261237	-0,032	0,305
CHR3	32672947	CHR3:32672947	SSF x Near_LoA	-9,43175006	0,045	0,312
CHR3	32673129	CHR3:32673129	SSF x Near_LoA	-9,44550583	-0,029	0,313
CHR3	32673137	CHR3:32673137	SSF x Near_LoA	-8,03116332	-0,068	0,303
CHR3	32673143	CHR3:32673143	SSF x Near_LoA	-8,07404308	0,064	0,296
CHR3	32673144	CHR3:32673144	SSF x Near_LoA	-8,38103089	0,071	0,305
CHR3	32674785	CHR3:32674785	SSF x Near_LoA	-10,3256579	-0,005	0,304
CHR3	32674790	CHR3:32674790	SSF x Near_LoA	-8,04304382	-0,107	0,318
CHR3	32685307	CHR3:32685307	SSF x Near_LoA	-8,72654885	0,005	0,296
CHR3	32685433	CHR3:32685433	SSF x Near_LoA	-8,97707805	0,047	0,298
CHR3	32685498	CHR3:32685498	SSF x Near_LoA	-7,26423462	-0,165	0,310
CHR3	32685548	CHR3:32685548	SSF x Near_LoA	-4,58970506	0,108	0,315
CHR3	32701622	CHR3:32701622	SSF x Near_LoA	-9,80696828	0,063	0,327
CHR3	32701650	CHR3:32701650	SSF x Near_LoA	-12,0408552	-0,031	0,316
CHR3	327040	CHR3:327040	SSF x Near_LoA	-7,33916962	-0,149	0,299
CHR3	3272263	CHR3:3272263	SSF x Near_LoA	-9,6915232	-0,077	0,300
CHR3	32726695	CHR3:32726695	SSF x Near_LoA	-10,0155227	-0,011	0,298
CHR3	32726709	CHR3:32726709	SSF x Near_LoA	-8,36153853	-0,158	0,298
CHR3	32727475	CHR3:32727475	SSF x Near_LoA	-5,44246828	0,055	0,298
CHR3	32727479	CHR3:32727479	SSF x Near_LoA	-9,79324474	-0,077	0,299
CHR3	32727488	CHR3:32727488	SSF x Near_LoA	-8,83969664	0,062	0,291
CHR3	32727520	CHR3:32727520	SSF x Near_LoA	-5,40073157	0,031	0,315
CHR3	32727537	CHR3:32727537	SSF x Near_LoA	-7,28962166	0,070	0,322
CHR3	32727560	CHR3:32727560	SSF x Near_LoA	-9,0151934	0,011	0,293
CHR3	32727580	CHR3:32727580	SSF x Near_LoA	-9,76477334	-0,113	0,302
CHR3	32727592	CHR3:32727592	SSF x Near_LoA	-10,317217	0,058	0,314
CHR3	32729220	CHR3:32729220	SSF x Near_LoA	-6,77068138	-0,154	0,298
CHR3	32729233	CHR3:32729233	SSF x Near_LoA	-9,34185319	-0,032	0,303
CHR3	32729615	CHR3:32729615	SSF x Near_LoA	-10,3728362	-0,097	0,310
CHR3	32731758	CHR3:32731758	SSF x Near_LoA	-10,8846664	-0,019	0,309
CHR3	32731760	CHR3:32731760	SSF x Near_LoA	-6,85502931	0,057	0,304
CHR3	32732761	CHR3:32732761	SSF x Near_LoA	-10,7071705	0,022	0,305
CHR3	32740982	CHR3:32740982	SSF x Near_LoA	-8,84227078	0,089	0,315
CHR3	32741322	CHR3:32741322	SSF x Near_LoA	-7,5638322	-0,115	0,292
CHR3	32741430	CHR3:32741430	SSF x Near_LoA	-12,0235603	0,043	0,304
CHR3	32748276	CHR3:32748276	SSF x Near_LoA	-9,5696509	0,005	0,309
CHR3	32750855	CHR3:32750855	SSF x Near_LoA	-9,23955387	0,145	0,320
CHR3	32750858	CHR3:32750858	SSF x Near_LoA	-8,89370882	0,134	0,314
CHR3	32750872	CHR3:32750872	SSF x Near_LoA	-8,53719983	-0,094	0,306
CHR3	32750947	CHR3:32750947	SSF x Near_LoA	-11,4130364	0,076	0,297
CHR3	32751056	CHR3:32751056	SSF x Near_LoA	-10,3186255	0,035	0,326
CHR3	32752065	CHR3:32752065	SSF x Near_LoA	-8,90460182	0,042	0,306
CHR3	32752953	CHR3:32752953	SSF x Near_LoA	-7,59201578	-0,016	0,299
CHR3	32752962	CHR3:32752962	SSF x Near_LoA	-10,0240748	-0,060	0,296
CHR3	32753104	CHR3:32753104	SSF x Near_LoA	-7,18529159	-0,101	0,315
CHR3	32753210	CHR3:32753210	SSF x Near_LoA	-6,5733457	-0,117	0,302

CHR3	32753217	CHR3:32753217	SSF x Near_LoA	-11,0461653	-0,043	0,311
CHR3	32757065	CHR3:32757065	SSF x Near_LoA	-7,96226525	0,097	0,305
CHR3	32757249	CHR3:32757249	SSF x Near_LoA	-8,79030186	-0,076	0,304
CHR3	3275885	CHR3:3275885	SSF x Near_LoA	-6,91416556	-0,075	0,313
CHR3	32759096	CHR3:32759096	SSF x Near_LoA	-9,21056518	0,041	0,320
CHR3	32759160	CHR3:32759160	SSF x Near_LoA	-11,2912916	-0,081	0,297
CHR3	32759164	CHR3:32759164	SSF x Near_LoA	-10,966959	-0,046	0,311
CHR3	32759204	CHR3:32759204	SSF x Near_LoA	-7,6836349	0,071	0,297
CHR3	3275993	CHR3:3275993	SSF x Near_LoA	-7,56593373	0,134	0,306
CHR3	32765815	CHR3:32765815	SSF x Near_LoA	-10,2331148	-0,013	0,304
CHR3	32765824	CHR3:32765824	SSF x Near_LoA	-8,40518449	-0,098	0,324
CHR3	32765856	CHR3:32765856	SSF x Near_LoA	-10,812917	-0,061	0,309
CHR3	32765886	CHR3:32765886	SSF x Near_LoA	-10,2939951	-0,040	0,316
CHR3	32765961	CHR3:32765961	SSF x Near_LoA	-8,62260974	0,063	0,305
CHR3	32784748	CHR3:32784748	SSF x Near_LoA	-8,63626881	0,023	0,311
CHR3	32784822	CHR3:32784822	SSF x Near_LoA	-10,585738	0,007	0,304
CHR3	32784831	CHR3:32784831	SSF x Near_LoA	-11,8182825	0,053	0,302
CHR3	32784971	CHR3:32784971	SSF x Near_LoA	-9,1264024	-0,008	0,300
CHR3	32784992	CHR3:32784992	SSF x Near_LoA	-7,64955217	-0,099	0,308
CHR3	32790221	CHR3:32790221	SSF x Near_LoA	-7,73841611	0,092	0,299
CHR3	32790234	CHR3:32790234	SSF x Near_LoA	-10,1579505	-0,015	0,303
CHR3	32790288	CHR3:32790288	SSF x Near_LoA	-8,8096761	0,047	0,312
CHR3	32801136	CHR3:32801136	SSF x Near_LoA	-10,4299005	0,040	0,319
CHR3	32801138	CHR3:32801138	SSF x Near_LoA	-7,8036278	-0,184	0,282
CHR3	32801150	CHR3:32801150	SSF x Near_LoA	-9,11851505	0,057	0,306
CHR3	32801191	CHR3:32801191	SSF x Near_LoA	-9,34664335	0,121	0,310
CHR3	32801367	CHR3:32801367	SSF x Near_LoA	-9,80521935	0,049	0,304
CHR3	32805264	CHR3:32805264	SSF x Near_LoA	-9,06179962	0,068	0,301
CHR3	32805280	CHR3:32805280	SSF x Near_LoA	-9,36251481	0,060	0,307
CHR3	32805332	CHR3:32805332	SSF x Near_LoA	-1,87426351	-0,127	0,310
CHR3	32805373	CHR3:32805373	SSF x Near_LoA	-7,40850304	0,048	0,312
CHR3	32805401	CHR3:32805401	SSF x Near_LoA	-6,98543468	-0,038	0,308
CHR3	32810436	CHR3:32810436	SSF x Near_LoA	-7,9349203	-0,095	0,308
CHR3	32810444	CHR3:32810444	SSF x Near_LoA	-9,02821343	-0,019	0,302
CHR3	32830724	CHR3:32830724	SSF x Near_LoA	-10,9126856	0,001	0,313
CHR3	32830730	CHR3:32830730	SSF x Near_LoA	-7,71258006	-0,101	0,311
CHR3	32830786	CHR3:32830786	SSF x Near_LoA	-11,2696802	-0,045	0,314
CHR3	32830792	CHR3:32830792	SSF x Near_LoA	-9,86914497	-0,045	0,304
CHR3	32830802	CHR3:32830802	SSF x Near_LoA	-11,6758039	-0,012	0,304
CHR3	32830846	CHR3:32830846	SSF x Near_LoA	-9,04798946	-0,046	0,314
CHR3	32830873	CHR3:32830873	SSF x Near_LoA	-8,89275346	-0,089	0,298
CHR3	32834894	CHR3:32834894	SSF x Near_LoA	-9,35308832	0,080	0,307
CHR3	3285175	CHR3:3285175	SSF x Near_LoA	-7,30061816	-0,035	0,296
CHR3	32862364	CHR3:32862364	SSF x Near_LoA	-10,0474829	0,040	0,311
CHR3	32862399	CHR3:32862399	SSF x Near_LoA	-8,87599364	-0,091	0,312
CHR3	32862509	CHR3:32862509	SSF x Near_LoA	-10,4038673	0,060	0,308
CHR3	3287430	CHR3:3287430	SSF x Near_LoA	-8,69860513	0,041	0,315
CHR3	3287444	CHR3:3287444	SSF x Near_LoA	-8,0841516	0,031	0,302
CHR3	3287852	CHR3:3287852	SSF x Near_LoA	-7,86836702	0,094	0,302
CHR3	32878720	CHR3:32878720	SSF x Near_LoA	-10,1279448	0,161	0,298
CHR3	32878741	CHR3:32878741	SSF x Near_LoA	-11,0275548	-0,036	0,317
CHR3	32878841	CHR3:32878841	SSF x Near_LoA	-10,1813566	-0,109	0,303
CHR3	32897734	CHR3:32897734	SSF x Near_LoA	-8,50362313	0,091	0,304

CHR3	32897744	CHR3:32897744	SSF x Near_LoA	-7,70260433	-0,156	0,281
CHR3	32897813	CHR3:32897813	SSF x Near_LoA	-8,74818719	-0,041	0,311
CHR3	32897836	CHR3:32897836	SSF x Near_LoA	-9,42954795	-0,034	0,315
CHR3	32897887	CHR3:32897887	SSF x Near_LoA	-11,1249813	0,084	0,299
CHR3	32898051	CHR3:32898051	SSF x Near_LoA	-10,2153562	-0,080	0,312
CHR3	32905545	CHR3:32905545	SSF x Near_LoA	-6,53822405	-0,063	0,317
CHR3	32905583	CHR3:32905583	SSF x Near_LoA	-8,78277071	-0,086	0,321
CHR3	32905622	CHR3:32905622	SSF x Near_LoA	-10,929939	0,045	0,311
CHR3	32905664	CHR3:32905664	SSF x Near_LoA	-8,90749908	0,119	0,314
CHR3	32905710	CHR3:32905710	SSF x Near_LoA	-9,2607123	-0,028	0,314
CHR3	32909441	CHR3:32909441	SSF x Near_LoA	-10,1351801	-0,073	0,298
CHR3	32912401	CHR3:32912401	SSF x Near_LoA	-1,38189778	0,142	0,307
CHR3	3291854	CHR3:3291854	SSF x Near_LoA	-9,22189381	-0,093	0,299
CHR3	3291855	CHR3:3291855	SSF x Near_LoA	-8,35728734	-0,082	0,313
CHR3	3291873	CHR3:3291873	SSF x Near_LoA	-11,250267	-0,068	0,299
CHR3	32918829	CHR3:32918829	SSF x Near_LoA	-11,7934787	0,028	0,303
CHR3	3291883	CHR3:3291883	SSF x Near_LoA	-8,29368628	-0,095	0,307
CHR3	3291900	CHR3:3291900	SSF x Near_LoA	-5,97353006	-0,094	0,307
CHR3	32919005	CHR3:32919005	SSF x Near_LoA	-8,37006747	-0,054	0,322
CHR3	3291901	CHR3:3291901	SSF x Near_LoA	-9,58022073	-0,096	0,309
CHR3	32922839	CHR3:32922839	SSF x Near_LoA	-11,699816	0,037	0,305
CHR3	32922975	CHR3:32922975	SSF x Near_LoA	-8,19065205	0,050	0,318
CHR3	32923085	CHR3:32923085	SSF x Near_LoA	-9,74225146	0,086	0,298
CHR3	32923092	CHR3:32923092	SSF x Near_LoA	-9,67323829	0,084	0,310
CHR3	32932084	CHR3:32932084	SSF x Near_LoA	-8,86928091	-0,035	0,317
CHR3	32932720	CHR3:32932720	SSF x Near_LoA	-9,61819585	-0,026	0,317
CHR3	32932769	CHR3:32932769	SSF x Near_LoA	-9,0504469	-0,081	0,316
CHR3	32936345	CHR3:32936345	SSF x Near_LoA	-9,42552409	-0,124	0,318
CHR3	32936408	CHR3:32936408	SSF x Near_LoA	-12,0489281	0,016	0,308
CHR3	32936419	CHR3:32936419	SSF x Near_LoA	-9,56552422	0,070	0,314
CHR3	32937191	CHR3:32937191	SSF x Near_LoA	-7,69438899	-0,054	0,319
CHR3	32941395	CHR3:32941395	SSF x Near_LoA	-10,3834509	-0,008	0,306
CHR3	32941487	CHR3:32941487	SSF x Near_LoA	-8,55637362	-0,001	0,311
CHR3	32941509	CHR3:32941509	SSF x Near_LoA	-10,061407	-0,052	0,307
CHR3	32941511	CHR3:32941511	SSF x Near_LoA	-8,14343239	-0,086	0,322
CHR3	32941574	CHR3:32941574	SSF x Near_LoA	-7,58558677	0,023	0,295
CHR3	32944945	CHR3:32944945	SSF x Near_LoA	-10,1185967	0,058	0,305
CHR3	32944958	CHR3:32944958	SSF x Near_LoA	-9,96454333	0,133	0,312
CHR3	32944980	CHR3:32944980	SSF x Near_LoA	-10,6807191	0,102	0,299
CHR3	32948559	CHR3:32948559	SSF x Near_LoA	-8,88466011	0,062	0,296
CHR3	32948563	CHR3:32948563	SSF x Near_LoA	-9,6458155	0,059	0,299
CHR3	32948565	CHR3:32948565	SSF x Near_LoA	-7,09752696	0,138	0,301
CHR3	32949826	CHR3:32949826	SSF x Near_LoA	-6,8611547	-0,108	0,309
CHR3	32949836	CHR3:32949836	SSF x Near_LoA	-9,72204322	-0,082	0,318
CHR3	32949862	CHR3:32949862	SSF x Near_LoA	-9,89673667	0,002	0,310
CHR3	32949872	CHR3:32949872	SSF x Near_LoA	-10,0229629	0,034	0,307
CHR3	32950489	CHR3:32950489	SSF x Near_LoA	-10,007441	0,062	0,303
CHR3	32957942	CHR3:32957942	SSF x Near_LoA	-10,8274106	-0,042	0,306
CHR3	32957956	CHR3:32957956	SSF x Near_LoA	-8,76681734	-0,054	0,305
CHR3	32957977	CHR3:32957977	SSF x Near_LoA	-10,4775689	-0,023	0,301
CHR3	32958042	CHR3:32958042	SSF x Near_LoA	-9,05317992	0,090	0,296
CHR3	329676	CHR3:329676	SSF x Near_LoA	-8,10001223	0,140	0,294
CHR3	32977616	CHR3:32977616	SSF x Near_LoA	-11,7122011	0,030	0,300

CHR3	32977637	CHR3:32977637	SSF x Near_LoA	-9,96239139	0,051	0,316
CHR3	32977791	CHR3:32977791	SSF x Near_LoA	-9,99581658	0,022	0,301
CHR3	32993619	CHR3:32993619	SSF x Near_LoA	-10,3793914	0,122	0,308
CHR3	32993691	CHR3:32993691	SSF x Near_LoA	-11,107284	-0,033	0,291
CHR3	32993781	CHR3:32993781	SSF x Near_LoA	-9,37275636	0,012	0,304
CHR3	32993795	CHR3:32993795	SSF x Near_LoA	-10,7636288	-0,074	0,306
CHR3	32993835	CHR3:32993835	SSF x Near_LoA	-10,2003321	0,066	0,306
CHR3	32994843	CHR3:32994843	SSF x Near_LoA	-8,20501831	-0,067	0,304
CHR3	32994995	CHR3:32994995	SSF x Near_LoA	-5,18929584	-0,024	0,309
CHR3	32995000	CHR3:32995000	SSF x Near_LoA	-8,18953828	-0,022	0,303
CHR3	33004950	CHR3:33004950	SSF x Near_LoA	-5,45272656	-0,045	0,298
CHR3	33004951	CHR3:33004951	SSF x Near_LoA	-6,4889386	0,069	0,315
CHR3	33004952	CHR3:33004952	SSF x Near_LoA	-7,71178044	0,002	0,304
CHR3	33004958	CHR3:33004958	SSF x Near_LoA	-9,73367371	-0,043	0,310
CHR3	33004964	CHR3:33004964	SSF x Near_LoA	-9,83676537	-0,014	0,312
CHR3	33004993	CHR3:33004993	SSF x Near_LoA	-7,93339099	-0,037	0,296
CHR3	33004994	CHR3:33004994	SSF x Near_LoA	-10,2706275	-0,010	0,298
CHR3	33005016	CHR3:33005016	SSF x Near_LoA	-10,7473659	-0,122	0,310
CHR3	33005019	CHR3:33005019	SSF x Near_LoA	-7,88529924	0,114	0,306
CHR3	33005020	CHR3:33005020	SSF x Near_LoA	-8,68766008	0,070	0,306
CHR3	33005021	CHR3:33005021	SSF x Near_LoA	-8,63155518	-0,078	0,315
CHR3	33005022	CHR3:33005022	SSF x Near_LoA	-9,34961698	-0,009	0,309
CHR3	33011958	CHR3:33011958	SSF x Near_LoA	-7,25485694	0,015	0,314
CHR3	33011967	CHR3:33011967	SSF x Near_LoA	-8,45128199	-0,071	0,309
CHR3	33012050	CHR3:33012050	SSF x Near_LoA	-9,7547079	-0,032	0,299
CHR3	33012061	CHR3:33012061	SSF x Near_LoA	-9,62904045	-0,007	0,315
CHR3	33012064	CHR3:33012064	SSF x Near_LoA	-9,36312457	-0,030	0,305
CHR3	33012065	CHR3:33012065	SSF x Near_LoA	-8,38227031	-0,051	0,316
CHR3	33012066	CHR3:33012066	SSF x Near_LoA	-8,75497096	-0,037	0,310
CHR3	33012068	CHR3:33012068	SSF x Near_LoA	-9,82098716	-0,018	0,307
CHR3	33017105	CHR3:33017105	SSF x Near_LoA	-9,17427978	0,034	0,303
CHR3	33017173	CHR3:33017173	SSF x Near_LoA	-8,86601711	0,030	0,309
CHR3	33017209	CHR3:33017209	SSF x Near_LoA	-9,20514025	-0,095	0,307
CHR3	33017274	CHR3:33017274	SSF x Near_LoA	-11,0192222	-0,066	0,289
CHR3	33022507	CHR3:33022507	SSF x Near_LoA	-8,96652362	0,041	0,314
CHR3	33022516	CHR3:33022516	SSF x Near_LoA	-11,7462627	0,040	0,298
CHR3	33022524	CHR3:33022524	SSF x Near_LoA	-7,85628321	0,088	0,318
CHR3	33022562	CHR3:33022562	SSF x Near_LoA	-7,62204877	-0,019	0,305
CHR3	33022593	CHR3:33022593	SSF x Near_LoA	-8,72601496	0,008	0,321
CHR3	33022611	CHR3:33022611	SSF x Near_LoA	-9,45628065	0,054	0,304
CHR3	33022635	CHR3:33022635	SSF x Near_LoA	-9,19609428	-0,018	0,310
CHR3	33022706	CHR3:33022706	SSF x Near_LoA	-8,30612646	0,038	0,311
CHR3	33024084	CHR3:33024084	SSF x Near_LoA	-7,8414355	-0,109	0,306
CHR3	33024087	CHR3:33024087	SSF x Near_LoA	-7,63743955	0,104	0,303
CHR3	33024129	CHR3:33024129	SSF x Near_LoA	-9,48999678	-0,066	0,306
CHR3	33024158	CHR3:33024158	SSF x Near_LoA	-8,38182507	-0,129	0,311
CHR3	33024165	CHR3:33024165	SSF x Near_LoA	-10,1950337	-0,100	0,310
CHR3	33024175	CHR3:33024175	SSF x Near_LoA	-3,07494797	0,180	0,307
CHR3	33024218	CHR3:33024218	SSF x Near_LoA	-8,04117019	0,187	0,285
CHR3	33024248	CHR3:33024248	SSF x Near_LoA	-7,30345095	-0,024	0,302
CHR3	33024310	CHR3:33024310	SSF x Near_LoA	-7,07490196	-0,139	0,300
CHR3	33027976	CHR3:33027976	SSF x Near_LoA	-11,0224046	-0,001	0,310
CHR3	33030694	CHR3:33030694	SSF x Near_LoA	-8,90895774	-0,021	0,314

CHR3	33030742	CHR3:33030742	SSF x Near_LoA	-10,7693351	-0,018	0,290
CHR3	33030786	CHR3:33030786	SSF x Near_LoA	-10,2659422	-0,129	0,296
CHR3	33030826	CHR3:33030826	SSF x Near_LoA	-5,86876314	-0,191	0,306
CHR3	33030838	CHR3:33030838	SSF x Near_LoA	-7,97850156	-0,093	0,321
CHR3	33035401	CHR3:33035401	SSF x Near_LoA	-7,52232557	-0,028	0,311
CHR3	33040290	CHR3:33040290	SSF x Near_LoA	-11,0478345	-0,013	0,310
CHR3	3304287	CHR3:3304287	SSF x Near_LoA	-11,3797888	-0,008	0,311
CHR3	3304317	CHR3:3304317	SSF x Near_LoA	-9,09993829	-0,088	0,303
CHR3	33047405	CHR3:33047405	SSF x Near_LoA	-9,09258239	0,168	0,293
CHR3	33047488	CHR3:33047488	SSF x Near_LoA	-10,0700899	-0,019	0,323
CHR3	33047499	CHR3:33047499	SSF x Near_LoA	-6,51450133	-0,133	0,305
CHR3	33047557	CHR3:33047557	SSF x Near_LoA	-9,89630875	0,045	0,322
CHR3	33047623	CHR3:33047623	SSF x Near_LoA	-12,2687951	0,009	0,310
CHR3	33047633	CHR3:33047633	SSF x Near_LoA	-0,0459079	0,178	0,305
CHR3	33049703	CHR3:33049703	SSF x Near_LoA	-9,01270703	0,099	0,304
CHR3	33049783	CHR3:33049783	SSF x Near_LoA	-8,48779613	-0,049	0,320
CHR3	33058111	CHR3:33058111	SSF x Near_LoA	-11,0521815	0,030	0,303
CHR3	33058128	CHR3:33058128	SSF x Near_LoA	-11,3685717	0,002	0,306
CHR3	33081500	CHR3:33081500	SSF x Near_LoA	-9,85521113	0,079	0,299
CHR3	33083457	CHR3:33083457	SSF x Near_LoA	-9,92809628	0,047	0,308
CHR3	33087868	CHR3:33087868	SSF x Near_LoA	-11,1169442	0,000	0,301
CHR3	33092828	CHR3:33092828	SSF x Near_LoA	-9,37436535	0,034	0,312
CHR3	33092875	CHR3:33092875	SSF x Near_LoA	-7,63429089	-0,126	0,316
CHR3	33092886	CHR3:33092886	SSF x Near_LoA	-10,0727561	0,010	0,309
CHR3	33093107	CHR3:33093107	SSF x Near_LoA	-9,37029854	0,019	0,313
CHR3	3310010	CHR3:3310010	SSF x Near_LoA	-4,41120388	0,136	0,300
CHR3	3310017	CHR3:3310017	SSF x Near_LoA	-9,48813045	-0,060	0,302
CHR3	3310081	CHR3:3310081	SSF x Near_LoA	-4,6204505	0,021	0,321
CHR3	3310100	CHR3:3310100	SSF x Near_LoA	-8,46029562	0,070	0,312
CHR3	33101391	CHR3:33101391	SSF x Near_LoA	-9,92217055	-0,159	0,299
CHR3	3310144	CHR3:3310144	SSF x Near_LoA	-10,9512742	0,019	0,293
CHR3	33101643	CHR3:33101643	SSF x Near_LoA	-8,63237449	-0,030	0,312
CHR3	3310184	CHR3:3310184	SSF x Near_LoA	-8,75882455	0,011	0,300
CHR3	3310230	CHR3:3310230	SSF x Near_LoA	-8,862463	-0,051	0,301
CHR3	3310256	CHR3:3310256	SSF x Near_LoA	-9,25973173	0,011	0,321
CHR3	33129151	CHR3:33129151	SSF x Near_LoA	-8,99928515	-0,104	0,304
CHR3	33129223	CHR3:33129223	SSF x Near_LoA	-5,05516558	0,062	0,297
CHR3	33139981	CHR3:33139981	SSF x Near_LoA	-11,5323448	0,011	0,298
CHR3	33139997	CHR3:33139997	SSF x Near_LoA	-10,3867459	-0,145	0,290
CHR3	33154004	CHR3:33154004	SSF x Near_LoA	-8,26201017	0,138	0,307
CHR3	33154015	CHR3:33154015	SSF x Near_LoA	-7,12028372	0,026	0,310
CHR3	33154065	CHR3:33154065	SSF x Near_LoA	-9,19789772	0,044	0,299
CHR3	33154067	CHR3:33154067	SSF x Near_LoA	-8,14610971	-0,068	0,303
CHR3	33158018	CHR3:33158018	SSF x Near_LoA	-7,59888906	0,038	0,304
CHR3	33158090	CHR3:33158090	SSF x Near_LoA	-11,0906489	0,075	0,303
CHR3	33160968	CHR3:33160968	SSF x Near_LoA	-10,3740212	-0,072	0,284
CHR3	33161034	CHR3:33161034	SSF x Near_LoA	-10,0919993	-0,004	0,302
CHR3	33161058	CHR3:33161058	SSF x Near_LoA	-11,1581753	0,017	0,306
CHR3	33165674	CHR3:33165674	SSF x Near_LoA	-8,13070406	0,175	0,290
CHR3	33165675	CHR3:33165675	SSF x Near_LoA	-10,2028514	-0,035	0,314
CHR3	33165740	CHR3:33165740	SSF x Near_LoA	-11,3369008	0,082	0,300
CHR3	33165847	CHR3:33165847	SSF x Near_LoA	-11,1538045	0,005	0,311
CHR3	33165870	CHR3:33165870	SSF x Near_LoA	-7,05336495	0,117	0,298

CHR3	33165872	CHR3:33165872	SSF x Near_LoA	-7,28148436	0,110	0,302
CHR3	33165883	CHR3:33165883	SSF x Near_LoA	-7,76822541	0,132	0,298
CHR3	33165889	CHR3:33165889	SSF x Near_LoA	-7,57747067	0,131	0,301
CHR3	33167395	CHR3:33167395	SSF x Near_LoA	-8,06839155	0,017	0,307
CHR3	33167405	CHR3:33167405	SSF x Near_LoA	-10,2665766	-0,033	0,299
CHR3	33167407	CHR3:33167407	SSF x Near_LoA	-11,907671	-0,012	0,301
CHR3	33168240	CHR3:33168240	SSF x Near_LoA	-10,0015042	0,009	0,304
CHR3	33168300	CHR3:33168300	SSF x Near_LoA	-5,660839	0,130	0,310
CHR3	33173028	CHR3:33173028	SSF x Near_LoA	-8,88308954	0,121	0,300
CHR3	33173033	CHR3:33173033	SSF x Near_LoA	-7,88830253	0,127	0,312
CHR3	33173073	CHR3:33173073	SSF x Near_LoA	-7,89468309	0,068	0,314
CHR3	33173176	CHR3:33173176	SSF x Near_LoA	-8,00276555	0,111	0,317
CHR3	33173180	CHR3:33173180	SSF x Near_LoA	-8,91371299	-0,046	0,308
CHR3	33173257	CHR3:33173257	SSF x Near_LoA	-7,31685183	0,127	0,303
CHR3	33176003	CHR3:33176003	SSF x Near_LoA	-10,1221875	0,009	0,297
CHR3	33181763	CHR3:33181763	SSF x Near_LoA	-11,5020514	-0,028	0,304
CHR3	33181766	CHR3:33181766	SSF x Near_LoA	-11,8271989	-0,034	0,311
CHR3	33184478	CHR3:33184478	SSF x Near_LoA	-10,9072378	-0,006	0,319
CHR3	33184493	CHR3:33184493	SSF x Near_LoA	-10,7813581	-0,057	0,302
CHR3	33184511	CHR3:33184511	SSF x Near_LoA	-8,71221851	0,094	0,298
CHR3	33184517	CHR3:33184517	SSF x Near_LoA	-8,77231116	-0,004	0,312
CHR3	33187309	CHR3:33187309	SSF x Near_LoA	-11,3173694	0,062	0,288
CHR3	33193762	CHR3:33193762	SSF x Near_LoA	-9,6146747	0,153	0,311
CHR3	33193801	CHR3:33193801	SSF x Near_LoA	-7,67976387	-0,069	0,305
CHR3	33206150	CHR3:33206150	SSF x Near_LoA	-10,6568477	-0,078	0,298
CHR3	33206183	CHR3:33206183	SSF x Near_LoA	-11,4822798	0,014	0,298
CHR3	33206211	CHR3:33206211	SSF x Near_LoA	-11,4621482	0,013	0,307
CHR3	33206507	CHR3:33206507	SSF x Near_LoA	1,07960979	0,164	0,308
CHR3	33210630	CHR3:33210630	SSF x Near_LoA	-6,54159127	0,003	0,311
CHR3	33210847	CHR3:33210847	SSF x Near_LoA	-10,9789291	0,083	0,302
CHR3	33217517	CHR3:33217517	SSF x Near_LoA	-9,97038399	0,054	0,315
CHR3	33217610	CHR3:33217610	SSF x Near_LoA	-9,04531992	-0,024	0,315
CHR3	33227096	CHR3:33227096	SSF x Near_LoA	-10,1943264	-0,054	0,303
CHR3	33227160	CHR3:33227160	SSF x Near_LoA	-11,1512638	-0,029	0,289
CHR3	33227283	CHR3:33227283	SSF x Near_LoA	-5,86884227	-0,009	0,324
CHR3	33229220	CHR3:33229220	SSF x Near_LoA	-8,32502729	0,167	0,303
CHR3	33230456	CHR3:33230456	SSF x Near_LoA	-8,09008501	0,112	0,308
CHR3	33230487	CHR3:33230487	SSF x Near_LoA	-2,92682185	0,145	0,315
CHR3	33230494	CHR3:33230494	SSF x Near_LoA	-11,1266419	-0,064	0,302
CHR3	33230495	CHR3:33230495	SSF x Near_LoA	-10,4618404	-0,051	0,311
CHR3	33234814	CHR3:33234814	SSF x Near_LoA	-8,4413623	-0,086	0,313
CHR3	33235636	CHR3:33235636	SSF x Near_LoA	-7,79953726	0,118	0,304
CHR3	33235644	CHR3:33235644	SSF x Near_LoA	-7,10584018	0,112	0,304
CHR3	33242971	CHR3:33242971	SSF x Near_LoA	-11,0221776	0,011	0,313
CHR3	33242988	CHR3:33242988	SSF x Near_LoA	-9,47920718	-0,050	0,310
CHR3	3324632	CHR3:3324632	SSF x Near_LoA	-9,11942478	-0,083	0,303
CHR3	3324835	CHR3:3324835	SSF x Near_LoA	-8,87500436	-0,117	0,318
CHR3	33254370	CHR3:33254370	SSF x Near_LoA	-8,91948325	-0,087	0,313
CHR3	33260129	CHR3:33260129	SSF x Near_LoA	-10,1570323	-0,074	0,308
CHR3	33261962	CHR3:33261962	SSF x Near_LoA	-8,23138951	-0,097	0,316
CHR3	33261989	CHR3:33261989	SSF x Near_LoA	-12,5069174	-0,020	0,305
CHR3	33261993	CHR3:33261993	SSF x Near_LoA	-9,47720667	-0,021	0,300
CHR3	33262105	CHR3:33262105	SSF x Near_LoA	-8,55104543	0,132	0,298

CHR3	33268896	CHR3:33268896	SSF x Near_LoA	-9,12687808	-0,175	0,298
CHR3	33269387	CHR3:33269387	SSF x Near_LoA	-7,58736653	-0,207	0,291
CHR3	33269455	CHR3:33269455	SSF x Near_LoA	-9,1923944	-0,088	0,292
CHR3	3327342	CHR3:3327342	SSF x Near_LoA	-9,7002013	-0,018	0,316
CHR3	3327351	CHR3:3327351	SSF x Near_LoA	-9,42774334	0,031	0,309
CHR3	3327421	CHR3:3327421	SSF x Near_LoA	-3,0525432	0,014	0,322
CHR3	3327458	CHR3:3327458	SSF x Near_LoA	-11,8558493	-0,005	0,314
CHR3	3327511	CHR3:3327511	SSF x Near_LoA	-9,39547182	0,017	0,311
CHR3	33283793	CHR3:33283793	SSF x Near_LoA	-11,9443259	-0,044	0,301
CHR3	33283969	CHR3:33283969	SSF x Near_LoA	-5,80414526	-0,077	0,302
CHR3	33283974	CHR3:33283974	SSF x Near_LoA	-8,71892449	-0,063	0,295
CHR3	33290115	CHR3:33290115	SSF x Near_LoA	-7,3629551	0,076	0,302
CHR3	33291627	CHR3:33291627	SSF x Near_LoA	-9,81288814	-0,059	0,307
CHR3	33291657	CHR3:33291657	SSF x Near_LoA	-10,7603134	-0,079	0,307
CHR3	33291695	CHR3:33291695	SSF x Near_LoA	-8,9320017	0,045	0,315
CHR3	33291700	CHR3:33291700	SSF x Near_LoA	-7,25141436	-0,074	0,302
CHR3	33291707	CHR3:33291707	SSF x Near_LoA	-10,2745358	0,031	0,311
CHR3	33294101	CHR3:33294101	SSF x Near_LoA	-7,66008599	0,077	0,308
CHR3	33294134	CHR3:33294134	SSF x Near_LoA	-11,9173984	0,041	0,307
CHR3	33295650	CHR3:33295650	SSF x Near_LoA	-9,89378902	0,034	0,304
CHR3	33295663	CHR3:33295663	SSF x Near_LoA	-3,92254603	-0,133	0,299
CHR3	33295692	CHR3:33295692	SSF x Near_LoA	-9,28806255	0,003	0,310
CHR3	33295713	CHR3:33295713	SSF x Near_LoA	-11,5961255	0,062	0,304
CHR3	33295853	CHR3:33295853	SSF x Near_LoA	-6,61513503	-0,145	0,289
CHR3	33299513	CHR3:33299513	SSF x Near_LoA	-8,65056488	-0,086	0,310
CHR3	33299514	CHR3:33299514	SSF x Near_LoA	-8,51546318	-0,083	0,294
CHR3	33299563	CHR3:33299563	SSF x Near_LoA	-8,60473931	0,004	0,302
CHR3	33303397	CHR3:33303397	SSF x Near_LoA	-8,63136917	0,091	0,309
CHR3	33303556	CHR3:33303556	SSF x Near_LoA	-8,21559696	0,048	0,306
CHR3	33304964	CHR3:33304964	SSF x Near_LoA	-7,45021233	0,108	0,305
CHR3	33304968	CHR3:33304968	SSF x Near_LoA	-8,03667506	-0,111	0,305
CHR3	33305054	CHR3:33305054	SSF x Near_LoA	-2,59674054	-0,004	0,312
CHR3	33305087	CHR3:33305087	SSF x Near_LoA	-10,2193488	0,032	0,321
CHR3	33305090	CHR3:33305090	SSF x Near_LoA	-9,9069447	0,004	0,326
CHR3	33305093	CHR3:33305093	SSF x Near_LoA	-7,54300479	0,132	0,280
CHR3	33309506	CHR3:33309506	SSF x Near_LoA	-10,2615287	-0,008	0,307
CHR3	33309585	CHR3:33309585	SSF x Near_LoA	-11,5482772	-0,100	0,306
CHR3	33319109	CHR3:33319109	SSF x Near_LoA	-9,07737877	0,049	0,305
CHR3	33319193	CHR3:33319193	SSF x Near_LoA	-9,01748556	0,005	0,308
CHR3	33319347	CHR3:33319347	SSF x Near_LoA	-10,0367466	0,074	0,305
CHR3	33320878	CHR3:33320878	SSF x Near_LoA	-9,52952195	-0,008	0,302
CHR3	33324511	CHR3:33324511	SSF x Near_LoA	-8,94473186	0,075	0,308
CHR3	33324600	CHR3:33324600	SSF x Near_LoA	-8,30172978	-0,027	0,297
CHR3	33324601	CHR3:33324601	SSF x Near_LoA	-11,3280415	-0,043	0,310
CHR3	33324707	CHR3:33324707	SSF x Near_LoA	-8,33472686	-0,010	0,318
CHR3	33324715	CHR3:33324715	SSF x Near_LoA	-10,2078303	0,050	0,316
CHR3	33324717	CHR3:33324717	SSF x Near_LoA	-9,28398652	-0,001	0,283
CHR3	33325696	CHR3:33325696	SSF x Near_LoA	-9,36670257	-0,042	0,292
CHR3	33325743	CHR3:33325743	SSF x Near_LoA	0,58200258	0,218	0,302
CHR3	33325750	CHR3:33325750	SSF x Near_LoA	-9,46320885	-0,065	0,322
CHR3	33330769	CHR3:33330769	SSF x Near_LoA	-9,35755826	0,028	0,303
CHR3	33330806	CHR3:33330806	SSF x Near_LoA	-7,75717617	-0,140	0,310
CHR3	33330830	CHR3:33330830	SSF x Near_LoA	-11,3421704	-0,043	0,329

CHR3	33334498	CHR3:33334498	SSF x Near_LoA	-7,58183015	0,104	0,296
CHR3	33338388	CHR3:33338388	SSF x Near_LoA	-10,7750261	0,003	0,294
CHR3	33338620	CHR3:33338620	SSF x Near_LoA	-10,1171889	0,038	0,302
CHR3	33346847	CHR3:33346847	SSF x Near_LoA	-10,6327919	0,013	0,312
CHR3	33346903	CHR3:33346903	SSF x Near_LoA	-11,2138558	-0,049	0,310
CHR3	33346985	CHR3:33346985	SSF x Near_LoA	-11,5475803	-0,025	0,306
CHR3	33347039	CHR3:33347039	SSF x Near_LoA	-10,3519637	0,089	0,291
CHR3	33347073	CHR3:33347073	SSF x Near_LoA	-9,0931165	0,040	0,316
CHR3	3335372	CHR3:3335372	SSF x Near_LoA	-10,0451561	0,042	0,290
CHR3	33354316	CHR3:33354316	SSF x Near_LoA	-10,5528323	-0,049	0,277
CHR3	33354339	CHR3:33354339	SSF x Near_LoA	-9,44207454	0,048	0,304
CHR3	33356599	CHR3:33356599	SSF x Near_LoA	-9,56208288	0,044	0,284
CHR3	33365498	CHR3:33365498	SSF x Near_LoA	-9,56602337	-0,025	0,308
CHR3	33370312	CHR3:33370312	SSF x Near_LoA	-8,43871928	-0,031	0,309
CHR3	33370362	CHR3:33370362	SSF x Near_LoA	-2,89507125	0,004	0,319
CHR3	33370369	CHR3:33370369	SSF x Near_LoA	-11,2649464	-0,031	0,308
CHR3	33370408	CHR3:33370408	SSF x Near_LoA	-8,54579333	-0,125	0,315
CHR3	33372202	CHR3:33372202	SSF x Near_LoA	-8,97573926	-0,008	0,303
CHR3	3337330	CHR3:3337330	SSF x Near_LoA	-8,70549319	0,048	0,306
CHR3	33374124	CHR3:33374124	SSF x Near_LoA	-9,17397871	0,007	0,309
CHR3	33374229	CHR3:33374229	SSF x Near_LoA	-10,9464409	0,030	0,312
CHR3	3337490	CHR3:3337490	SSF x Near_LoA	-9,10130575	0,004	0,316
CHR3	3338666	CHR3:3338666	SSF x Near_LoA	-8,35029324	-0,156	0,310
CHR3	3338726	CHR3:3338726	SSF x Near_LoA	-1,52269969	0,192	0,306
CHR3	3338780	CHR3:3338780	SSF x Near_LoA	-10,0952487	0,038	0,308
CHR3	3338801	CHR3:3338801	SSF x Near_LoA	-8,74950549	-0,195	0,294
CHR3	33391755	CHR3:33391755	SSF x Near_LoA	-7,42289928	-0,142	0,308
CHR3	33391803	CHR3:33391803	SSF x Near_LoA	-8,01727649	-0,132	0,307
CHR3	33392869	CHR3:33392869	SSF x Near_LoA	-6,54363828	-0,157	0,298
CHR3	3341037	CHR3:3341037	SSF x Near_LoA	-2,75911684	0,079	0,297
CHR3	3341047	CHR3:3341047	SSF x Near_LoA	-7,20224852	0,042	0,305
CHR3	3341055	CHR3:3341055	SSF x Near_LoA	-9,50975335	0,053	0,292
CHR3	3341058	CHR3:3341058	SSF x Near_LoA	-7,69528264	0,074	0,300
CHR3	3341077	CHR3:3341077	SSF x Near_LoA	-11,265562	0,050	0,300
CHR3	3341128	CHR3:3341128	SSF x Near_LoA	-6,51147546	-0,110	0,304
CHR3	3341129	CHR3:3341129	SSF x Near_LoA	-9,57734664	0,016	0,318
CHR3	33414700	CHR3:33414700	SSF x Near_LoA	-10,3837428	-0,027	0,309
CHR3	33427538	CHR3:33427538	SSF x Near_LoA	-9,48847982	-0,044	0,318
CHR3	3342779	CHR3:3342779	SSF x Near_LoA	-9,98641104	0,092	0,301
CHR3	3342780	CHR3:3342780	SSF x Near_LoA	-10,4498479	0,105	0,316
CHR3	33436070	CHR3:33436070	SSF x Near_LoA	-12,0452585	-0,004	0,299
CHR3	33439842	CHR3:33439842	SSF x Near_LoA	-9,79506818	0,011	0,307
CHR3	33443819	CHR3:33443819	SSF x Near_LoA	-7,51402431	0,143	0,302
CHR3	33443841	CHR3:33443841	SSF x Near_LoA	-11,7447897	-0,100	0,292
CHR3	33443995	CHR3:33443995	SSF x Near_LoA	-11,1193649	0,021	0,318
CHR3	33443998	CHR3:33443998	SSF x Near_LoA	-9,01543344	-0,021	0,308
CHR3	33450597	CHR3:33450597	SSF x Near_LoA	-9,6569763	-0,157	0,307
CHR3	33461692	CHR3:33461692	SSF x Near_LoA	-8,36449625	0,009	0,291
CHR3	33463530	CHR3:33463530	SSF x Near_LoA	-9,23710242	-0,061	0,292
CHR3	33463533	CHR3:33463533	SSF x Near_LoA	-8,12619992	0,011	0,304
CHR3	33463556	CHR3:33463556	SSF x Near_LoA	-9,99732224	0,035	0,299
CHR3	33463566	CHR3:33463566	SSF x Near_LoA	-7,30539568	-0,122	0,312
CHR3	33463576	CHR3:33463576	SSF x Near_LoA	-10,8765615	-0,048	0,318

CHR3	33463607	CHR3:33463607	SSF x Near_LoA	-9,34305116	-0,032	0,293
CHR3	33463637	CHR3:33463637	SSF x Near_LoA	-9,5056528	0,066	0,311
CHR3	33463754	CHR3:33463754	SSF x Near_LoA	-11,2970263	-0,053	0,302
CHR3	33463779	CHR3:33463779	SSF x Near_LoA	-9,45178668	0,003	0,322
CHR3	33468375	CHR3:33468375	SSF x Near_LoA	-8,21733272	0,083	0,307
CHR3	33468483	CHR3:33468483	SSF x Near_LoA	-10,5403433	0,031	0,314
CHR3	33469597	CHR3:33469597	SSF x Near_LoA	-7,08747357	0,146	0,303
CHR3	33470694	CHR3:33470694	SSF x Near_LoA	-8,20271559	-0,088	0,311
CHR3	33470764	CHR3:33470764	SSF x Near_LoA	-7,80770373	-0,045	0,295
CHR3	33470814	CHR3:33470814	SSF x Near_LoA	-8,80552504	-0,088	0,296
CHR3	3347566	CHR3:3347566	SSF x Near_LoA	-10,120902	-0,098	0,320
CHR3	3347619	CHR3:3347619	SSF x Near_LoA	-8,99989943	-0,066	0,297
CHR3	3347641	CHR3:3347641	SSF x Near_LoA	-9,36026642	-0,068	0,293
CHR3	3347647	CHR3:3347647	SSF x Near_LoA	-9,5160422	-0,060	0,303
CHR3	33484491	CHR3:33484491	SSF x Near_LoA	-8,61732045	-0,058	0,298
CHR3	33484497	CHR3:33484497	SSF x Near_LoA	-9,19984695	0,127	0,294
CHR3	33493688	CHR3:33493688	SSF x Near_LoA	-11,523851	0,048	0,301
CHR3	33496642	CHR3:33496642	SSF x Near_LoA	-8,79009553	-0,005	0,316
CHR3	33496785	CHR3:33496785	SSF x Near_LoA	0,48923978	-0,050	0,295
CHR3	33499931	CHR3:33499931	SSF x Near_LoA	-10,1428141	-0,037	0,283
CHR3	33500182	CHR3:33500182	SSF x Near_LoA	-8,92199073	0,016	0,311
CHR3	33500198	CHR3:33500198	SSF x Near_LoA	-10,4290917	-0,121	0,301
CHR3	33504029	CHR3:33504029	SSF x Near_LoA	-10,2453891	-0,070	0,321
CHR3	33515842	CHR3:33515842	SSF x Near_LoA	-9,36785602	0,053	0,312
CHR3	33518179	CHR3:33518179	SSF x Near_LoA	-10,2767261	0,073	0,315
CHR3	33518211	CHR3:33518211	SSF x Near_LoA	-9,36974838	0,071	0,309
CHR3	33520318	CHR3:33520318	SSF x Near_LoA	-7,3792245	-0,062	0,310
CHR3	33520326	CHR3:33520326	SSF x Near_LoA	-5,75453527	0,029	0,322
CHR3	33520333	CHR3:33520333	SSF x Near_LoA	-11,404709	0,023	0,307
CHR3	33520373	CHR3:33520373	SSF x Near_LoA	-10,4267093	0,016	0,313
CHR3	33540182	CHR3:33540182	SSF x Near_LoA	-6,28911887	-0,050	0,310
CHR3	33541784	CHR3:33541784	SSF x Near_LoA	-9,97528266	-0,004	0,299
CHR3	33541800	CHR3:33541800	SSF x Near_LoA	-9,69642134	-0,026	0,311
CHR3	33541868	CHR3:33541868	SSF x Near_LoA	-11,8389925	-0,013	0,307
CHR3	33543158	CHR3:33543158	SSF x Near_LoA	-11,8664491	0,096	0,304
CHR3	33549883	CHR3:33549883	SSF x Near_LoA	-9,48827738	-0,063	0,308
CHR3	33552257	CHR3:33552257	SSF x Near_LoA	-9,99171088	-0,022	0,322
CHR3	33553887	CHR3:33553887	SSF x Near_LoA	-7,42834994	0,056	0,306
CHR3	33557062	CHR3:33557062	SSF x Near_LoA	-3,93908861	-0,011	0,302
CHR3	33557119	CHR3:33557119	SSF x Near_LoA	-9,97340996	-0,064	0,308
CHR3	33557254	CHR3:33557254	SSF x Near_LoA	-6,96709545	0,075	0,308
CHR3	33566326	CHR3:33566326	SSF x Near_LoA	-7,99319457	-0,035	0,315
CHR3	33566358	CHR3:33566358	SSF x Near_LoA	-6,92648553	0,199	0,283
CHR3	33566382	CHR3:33566382	SSF x Near_LoA	-9,2591363	-0,011	0,302
CHR3	3357384	CHR3:3357384	SSF x Near_LoA	-9,36296639	0,069	0,301
CHR3	3357593	CHR3:3357593	SSF x Near_LoA	-5,84067722	0,188	0,295
CHR3	3357604	CHR3:3357604	SSF x Near_LoA	-6,95200525	-0,122	0,312
CHR3	3357634	CHR3:3357634	SSF x Near_LoA	-7,80209436	-0,056	0,306
CHR3	33592655	CHR3:33592655	SSF x Near_LoA	1,33921521	0,150	0,303
CHR3	33592720	CHR3:33592720	SSF x Near_LoA	-8,71200297	0,075	0,307
CHR3	33592749	CHR3:33592749	SSF x Near_LoA	-10,2877413	-0,008	0,305
CHR3	33595284	CHR3:33595284	SSF x Near_LoA	-9,11325878	0,098	0,307
CHR3	33595317	CHR3:33595317	SSF x Near_LoA	-7,55710688	-0,002	0,310

CHR3	335957	CHR3:335957	SSF x Near_LoA	-7,61519503	-0,098	0,309
CHR3	335964	CHR3:335964	SSF x Near_LoA	-10,0063022	0,041	0,318
CHR3	33596532	CHR3:33596532	SSF x Near_LoA	-7,93161019	-0,069	0,310
CHR3	33596692	CHR3:33596692	SSF x Near_LoA	-8,85038123	-0,021	0,288
CHR3	33596737	CHR3:33596737	SSF x Near_LoA	-10,3050525	0,055	0,319
CHR3	335968	CHR3:335968	SSF x Near_LoA	-10,138107	0,040	0,302
CHR3	33607623	CHR3:33607623	SSF x Near_LoA	-9,96954628	-0,118	0,305
CHR3	33612179	CHR3:33612179	SSF x Near_LoA	-3,77915713	-0,197	0,304
CHR3	33613032	CHR3:33613032	SSF x Near_LoA	-10,1523852	-0,081	0,307
CHR3	33613037	CHR3:33613037	SSF x Near_LoA	-7,29968257	-0,143	0,306
CHR3	33615161	CHR3:33615161	SSF x Near_LoA	-9,14408748	0,068	0,298
CHR3	33615206	CHR3:33615206	SSF x Near_LoA	-7,26651588	0,071	0,308
CHR3	33615213	CHR3:33615213	SSF x Near_LoA	-8,22175917	-0,029	0,308
CHR3	33619620	CHR3:33619620	SSF x Near_LoA	-8,02525627	0,014	0,318
CHR3	33619622	CHR3:33619622	SSF x Near_LoA	-8,41762903	0,053	0,317
CHR3	33619678	CHR3:33619678	SSF x Near_LoA	-6,52582423	0,069	0,310
CHR3	33629687	CHR3:33629687	SSF x Near_LoA	-5,94945419	0,172	0,295
CHR3	33629754	CHR3:33629754	SSF x Near_LoA	-10,8400745	0,031	0,313
CHR3	33629795	CHR3:33629795	SSF x Near_LoA	-11,2308852	-0,022	0,310
CHR3	33629853	CHR3:33629853	SSF x Near_LoA	-10,4461715	0,022	0,304
CHR3	3363354	CHR3:3363354	SSF x Near_LoA	-8,98920648	-0,013	0,302
CHR3	3363414	CHR3:3363414	SSF x Near_LoA	-8,04434592	0,042	0,302
CHR3	33634663	CHR3:33634663	SSF x Near_LoA	-10,2774565	-0,104	0,311
CHR3	3363486	CHR3:3363486	SSF x Near_LoA	-11,1187504	-0,035	0,299
CHR3	3363491	CHR3:3363491	SSF x Near_LoA	-10,5459537	-0,059	0,295
CHR3	33635648	CHR3:33635648	SSF x Near_LoA	-4,85983704	0,144	0,322
CHR3	33635664	CHR3:33635664	SSF x Near_LoA	-2,99141502	0,100	0,302
CHR3	33635704	CHR3:33635704	SSF x Near_LoA	-7,32998692	-0,143	0,301
CHR3	33640423	CHR3:33640423	SSF x Near_LoA	-11,2670387	-0,010	0,316
CHR3	33640512	CHR3:33640512	SSF x Near_LoA	-7,63927038	-0,021	0,298
CHR3	33642060	CHR3:33642060	SSF x Near_LoA	-8,6785036	-0,047	0,309
CHR3	33649443	CHR3:33649443	SSF x Near_LoA	-5,18052101	0,019	0,304
CHR3	33659224	CHR3:33659224	SSF x Near_LoA	-3,99702009	-0,206	0,295
CHR3	33664337	CHR3:33664337	SSF x Near_LoA	-10,0473885	-0,095	0,314
CHR3	33664480	CHR3:33664480	SSF x Near_LoA	-10,2778317	0,021	0,319
CHR3	3366944	CHR3:3366944	SSF x Near_LoA	-10,4820951	0,076	0,313
CHR3	33682619	CHR3:33682619	SSF x Near_LoA	-11,3591171	-0,080	0,306
CHR3	33682676	CHR3:33682676	SSF x Near_LoA	-10,5420734	-0,063	0,310
CHR3	33682734	CHR3:33682734	SSF x Near_LoA	-9,83284435	0,009	0,308
CHR3	33688605	CHR3:33688605	SSF x Near_LoA	-9,83657471	-0,012	0,304
CHR3	3369279	CHR3:3369279	SSF x Near_LoA	-9,03463261	0,005	0,306
CHR3	3369348	CHR3:3369348	SSF x Near_LoA	-7,91840798	-0,002	0,325
CHR3	33698167	CHR3:33698167	SSF x Near_LoA	-10,1451501	-0,033	0,312
CHR3	33707632	CHR3:33707632	SSF x Near_LoA	-9,37511775	-0,087	0,307
CHR3	33708389	CHR3:33708389	SSF x Near_LoA	-9,75268018	-0,104	0,303
CHR3	33708402	CHR3:33708402	SSF x Near_LoA	-8,76322197	-0,002	0,312
CHR3	33708459	CHR3:33708459	SSF x Near_LoA	-8,5336954	-0,168	0,314
CHR3	33713083	CHR3:33713083	SSF x Near_LoA	-5,02387794	-0,126	0,311
CHR3	33719259	CHR3:33719259	SSF x Near_LoA	-11,3079831	0,064	0,312
CHR3	33721461	CHR3:33721461	SSF x Near_LoA	-10,8646769	-0,080	0,306
CHR3	33721550	CHR3:33721550	SSF x Near_LoA	-10,3267373	0,020	0,312
CHR3	33721614	CHR3:33721614	SSF x Near_LoA	-9,81496276	0,107	0,301
CHR3	33721628	CHR3:33721628	SSF x Near_LoA	-9,22508573	-0,032	0,299

CHR3	33721662	CHR3:33721662	SSF x Near_LoA	-7,14584482	0,116	0,299
CHR3	33722630	CHR3:33722630	SSF x Near_LoA	-11,0249928	0,002	0,307
CHR3	33722670	CHR3:33722670	SSF x Near_LoA	-8,14047079	-0,014	0,305
CHR3	33743836	CHR3:33743836	SSF x Near_LoA	-10,2635397	0,089	0,306
CHR3	33745372	CHR3:33745372	SSF x Near_LoA	-9,51713157	-0,066	0,315
CHR3	33745417	CHR3:33745417	SSF x Near_LoA	-9,55574504	0,013	0,322
CHR3	33746691	CHR3:33746691	SSF x Near_LoA	-8,96782424	-0,021	0,302
CHR3	33746696	CHR3:33746696	SSF x Near_LoA	-10,2593828	0,000	0,308
CHR3	33746725	CHR3:33746725	SSF x Near_LoA	-7,46009876	0,155	0,302
CHR3	33746730	CHR3:33746730	SSF x Near_LoA	-9,59992051	0,078	0,305
CHR3	33749046	CHR3:33749046	SSF x Near_LoA	-9,3729585	-0,028	0,300
CHR3	33749047	CHR3:33749047	SSF x Near_LoA	-7,75014488	-0,044	0,314
CHR3	33751252	CHR3:33751252	SSF x Near_LoA	-8,25872988	0,023	0,313
CHR3	33751285	CHR3:33751285	SSF x Near_LoA	-8,44929028	0,126	0,305
CHR3	3375424	CHR3:3375424	SSF x Near_LoA	-5,01016803	-0,168	0,304
CHR3	3375463	CHR3:3375463	SSF x Near_LoA	-8,20566269	-0,018	0,317
CHR3	3375506	CHR3:3375506	SSF x Near_LoA	-6,80144576	0,022	0,304
CHR3	3375523	CHR3:3375523	SSF x Near_LoA	-6,89872503	0,010	0,301
CHR3	33776333	CHR3:33776333	SSF x Near_LoA	-9,33245501	-0,091	0,291
CHR3	33776363	CHR3:33776363	SSF x Near_LoA	-11,0237986	0,004	0,316
CHR3	33776410	CHR3:33776410	SSF x Near_LoA	-9,92843699	-0,014	0,319
CHR3	33776421	CHR3:33776421	SSF x Near_LoA	-1,77603015	0,021	0,316
CHR3	33776576	CHR3:33776576	SSF x Near_LoA	-10,7612629	-0,013	0,307
CHR3	33776582	CHR3:33776582	SSF x Near_LoA	-8,62959159	0,003	0,307
CHR3	33778292	CHR3:33778292	SSF x Near_LoA	-10,2002851	-0,003	0,294
CHR3	33778305	CHR3:33778305	SSF x Near_LoA	-11,4645171	0,075	0,306
CHR3	33779132	CHR3:33779132	SSF x Near_LoA	-6,66236793	0,079	0,315
CHR3	33779248	CHR3:33779248	SSF x Near_LoA	-8,71094934	0,114	0,297
CHR3	33792805	CHR3:33792805	SSF x Near_LoA	-10,8398721	0,085	0,303
CHR3	33792839	CHR3:33792839	SSF x Near_LoA	-8,45688294	-0,100	0,300
CHR3	33792853	CHR3:33792853	SSF x Near_LoA	-9,33399552	-0,028	0,319
CHR3	33792890	CHR3:33792890	SSF x Near_LoA	-3,35435621	0,133	0,298
CHR3	33792924	CHR3:33792924	SSF x Near_LoA	-10,5127188	-0,032	0,303
CHR3	3379351	CHR3:3379351	SSF x Near_LoA	-12,2014819	-0,008	0,313
CHR3	3379438	CHR3:3379438	SSF x Near_LoA	-7,67602835	0,027	0,322
CHR3	3379463	CHR3:3379463	SSF x Near_LoA	-8,46048001	0,056	0,305
CHR3	3379469	CHR3:3379469	SSF x Near_LoA	-9,84736926	-0,084	0,308
CHR3	3379470	CHR3:3379470	SSF x Near_LoA	-9,06539711	0,076	0,300
CHR3	3379558	CHR3:3379558	SSF x Near_LoA	-8,70688462	-0,027	0,310
CHR3	3379564	CHR3:3379564	SSF x Near_LoA	-9,21214788	-0,055	0,304
CHR3	3379622	CHR3:3379622	SSF x Near_LoA	-8,93277544	-0,009	0,318
CHR3	3379657	CHR3:3379657	SSF x Near_LoA	-6,47643283	-0,113	0,313
CHR3	33796664	CHR3:33796664	SSF x Near_LoA	-8,53511494	0,083	0,305
CHR3	33796669	CHR3:33796669	SSF x Near_LoA	-9,36528648	0,082	0,294
CHR3	33796776	CHR3:33796776	SSF x Near_LoA	-10,7215667	-0,001	0,301
CHR3	33796784	CHR3:33796784	SSF x Near_LoA	-8,06378571	0,114	0,289
CHR3	33796837	CHR3:33796837	SSF x Near_LoA	-8,62909101	0,033	0,306
CHR3	33796855	CHR3:33796855	SSF x Near_LoA	-9,99159993	0,056	0,310
CHR3	33799877	CHR3:33799877	SSF x Near_LoA	-10,3533404	-0,057	0,308
CHR3	33799974	CHR3:33799974	SSF x Near_LoA	-11,1757037	0,036	0,302
CHR3	33800092	CHR3:33800092	SSF x Near_LoA	-9,34570753	-0,013	0,293
CHR3	33815032	CHR3:33815032	SSF x Near_LoA	-8,33534597	0,094	0,314
CHR3	3381611	CHR3:3381611	SSF x Near_LoA	-9,52142435	0,043	0,300

CHR3	33817156	CHR3:33817156	SSF x Near_LoA	-8,85388199	0,033	0,304
CHR3	33817257	CHR3:33817257	SSF x Near_LoA	-6,04099046	-0,045	0,307
CHR3	33817258	CHR3:33817258	SSF x Near_LoA	-10,5829025	-0,022	0,312
CHR3	33817261	CHR3:33817261	SSF x Near_LoA	-7,34201331	-0,029	0,317
CHR3	33819563	CHR3:33819563	SSF x Near_LoA	-8,09682762	0,065	0,320
CHR3	33826850	CHR3:33826850	SSF x Near_LoA	-8,84537135	0,137	0,309
CHR3	33826887	CHR3:33826887	SSF x Near_LoA	-5,74290299	0,210	0,284
CHR3	33830722	CHR3:33830722	SSF x Near_LoA	-9,70819174	-0,174	0,287
CHR3	33830851	CHR3:33830851	SSF x Near_LoA	-8,27441129	-0,053	0,313
CHR3	33840393	CHR3:33840393	SSF x Near_LoA	-10,8422039	-0,027	0,306
CHR3	33846174	CHR3:33846174	SSF x Near_LoA	-10,4492669	0,072	0,300
CHR3	33848314	CHR3:33848314	SSF x Near_LoA	-9,62719997	-0,009	0,314
CHR3	33848461	CHR3:33848461	SSF x Near_LoA	-7,37517949	-0,047	0,322
CHR3	33853180	CHR3:33853180	SSF x Near_LoA	-9,74134891	-0,047	0,315
CHR3	33855740	CHR3:33855740	SSF x Near_LoA	-8,66521282	0,076	0,310
CHR3	33855882	CHR3:33855882	SSF x Near_LoA	-10,6598062	0,060	0,303
CHR3	33860358	CHR3:33860358	SSF x Near_LoA	-11,008713	0,084	0,313
CHR3	33860554	CHR3:33860554	SSF x Near_LoA	-9,59760153	0,046	0,303
CHR3	3386369	CHR3:3386369	SSF x Near_LoA	-10,5056468	-0,046	0,310
CHR3	3386530	CHR3:3386530	SSF x Near_LoA	-10,4748301	-0,052	0,325
CHR3	33871496	CHR3:33871496	SSF x Near_LoA	-10,0397584	-0,050	0,303
CHR3	33871525	CHR3:33871525	SSF x Near_LoA	-7,39189864	0,064	0,318
CHR3	33871531	CHR3:33871531	SSF x Near_LoA	-7,7157967	0,094	0,324
CHR3	33876166	CHR3:33876166	SSF x Near_LoA	-10,3122967	-0,027	0,315
CHR3	3387779	CHR3:3387779	SSF x Near_LoA	-10,1811172	0,025	0,296
CHR3	33878449	CHR3:33878449	SSF x Near_LoA	-7,26557621	-0,092	0,310
CHR3	33878454	CHR3:33878454	SSF x Near_LoA	-9,7718515	0,019	0,312
CHR3	33878474	CHR3:33878474	SSF x Near_LoA	-8,00061109	-0,047	0,307
CHR3	33878483	CHR3:33878483	SSF x Near_LoA	-8,59818342	-0,036	0,315
CHR3	33878493	CHR3:33878493	SSF x Near_LoA	-6,15381068	-0,153	0,305
CHR3	3387952	CHR3:3387952	SSF x Near_LoA	-10,8606069	0,060	0,286
CHR3	3388007	CHR3:3388007	SSF x Near_LoA	-9,16400522	0,030	0,285
CHR3	33880623	CHR3:33880623	SSF x Near_LoA	-8,93002512	-0,013	0,305
CHR3	33880627	CHR3:33880627	SSF x Near_LoA	-8,79636324	0,054	0,302
CHR3	33884584	CHR3:33884584	SSF x Near_LoA	-4,58108155	-0,071	0,321
CHR3	33884621	CHR3:33884621	SSF x Near_LoA	-6,60264831	-0,102	0,312
CHR3	33884661	CHR3:33884661	SSF x Near_LoA	-10,1449594	0,064	0,316
CHR3	33888235	CHR3:33888235	SSF x Near_LoA	-9,06765468	-0,072	0,294
CHR3	33888440	CHR3:33888440	SSF x Near_LoA	-8,39144098	-0,038	0,311
CHR3	33888447	CHR3:33888447	SSF x Near_LoA	-9,39072333	-0,055	0,319
CHR3	33888466	CHR3:33888466	SSF x Near_LoA	-3,79744505	-0,089	0,307
CHR3	33893409	CHR3:33893409	SSF x Near_LoA	-9,2089107	-0,083	0,318
CHR3	33893504	CHR3:33893504	SSF x Near_LoA	-9,96781396	-0,027	0,295
CHR3	33896085	CHR3:33896085	SSF x Near_LoA	-10,3835059	0,033	0,302
CHR3	33898800	CHR3:33898800	SSF x Near_LoA	-7,61708519	0,152	0,283
CHR3	33898856	CHR3:33898856	SSF x Near_LoA	-9,03588699	0,028	0,315
CHR3	33898860	CHR3:33898860	SSF x Near_LoA	-7,62334171	-0,040	0,316
CHR3	33921264	CHR3:33921264	SSF x Near_LoA	-4,41744726	0,015	0,317
CHR3	33934570	CHR3:33934570	SSF x Near_LoA	-11,4424755	-0,012	0,293
CHR3	33934715	CHR3:33934715	SSF x Near_LoA	-6,86238755	0,057	0,313
CHR3	33934738	CHR3:33934738	SSF x Near_LoA	-6,8703788	-0,147	0,308
CHR3	33934744	CHR3:33934744	SSF x Near_LoA	-7,59463052	-0,122	0,305
CHR3	33934790	CHR3:33934790	SSF x Near_LoA	-6,06821575	0,125	0,301

CHR3	33934825	CHR3:33934825	SSF x Near_LoA	-7,04527461	-0,111	0,310
CHR3	33936056	CHR3:33936056	SSF x Near_LoA	-10,0923198	-0,058	0,317
CHR3	33936164	CHR3:33936164	SSF x Near_LoA	-11,3551919	-0,016	0,312
CHR3	33936260	CHR3:33936260	SSF x Near_LoA	-10,888903	-0,019	0,302
CHR3	33941130	CHR3:33941130	SSF x Near_LoA	-10,5245521	-0,115	0,314
CHR3	33947577	CHR3:33947577	SSF x Near_LoA	-10,3431096	-0,034	0,318
CHR3	33947600	CHR3:33947600	SSF x Near_LoA	-10,6518695	0,031	0,326
CHR3	33947644	CHR3:33947644	SSF x Near_LoA	-11,0139075	0,043	0,315
CHR3	33947646	CHR3:33947646	SSF x Near_LoA	-6,03032639	-0,114	0,303
CHR3	33958843	CHR3:33958843	SSF x Near_LoA	-7,16761015	0,158	0,313
CHR3	33963413	CHR3:33963413	SSF x Near_LoA	-8,76833814	-0,192	0,290
CHR3	33972102	CHR3:33972102	SSF x Near_LoA	-11,8729152	-0,001	0,298
CHR3	33981362	CHR3:33981362	SSF x Near_LoA	-11,0779233	-0,039	0,304
CHR3	33981442	CHR3:33981442	SSF x Near_LoA	-9,63646654	0,056	0,308
CHR3	33981471	CHR3:33981471	SSF x Near_LoA	-11,6937788	0,022	0,305
CHR3	33983768	CHR3:33983768	SSF x Near_LoA	-6,88681885	0,205	0,289
CHR3	33989514	CHR3:33989514	SSF x Near_LoA	-8,50645746	-0,055	0,321
CHR3	33989608	CHR3:33989608	SSF x Near_LoA	-7,83818118	0,032	0,310
CHR3	33989633	CHR3:33989633	SSF x Near_LoA	-10,4556712	-0,093	0,300
CHR3	33989657	CHR3:33989657	SSF x Near_LoA	-9,28783679	0,002	0,314
CHR3	33991047	CHR3:33991047	SSF x Near_LoA	-10,048788	0,060	0,310
CHR3	33994441	CHR3:33994441	SSF x Near_LoA	-9,13222333	-0,046	0,304
CHR3	3400440	CHR3:3400440	SSF x Near_LoA	-10,4368282	-0,069	0,302
CHR3	34004849	CHR3:34004849	SSF x Near_LoA	-10,5109231	-0,005	0,303
CHR3	34005241	CHR3:34005241	SSF x Near_LoA	-8,88357579	0,143	0,313
CHR3	3400561	CHR3:3400561	SSF x Near_LoA	-11,5146319	0,016	0,322
CHR3	34006591	CHR3:34006591	SSF x Near_LoA	-2,33892314	-0,097	0,324
CHR3	34013517	CHR3:34013517	SSF x Near_LoA	-9,35735191	0,162	0,309
CHR3	34013578	CHR3:34013578	SSF x Near_LoA	-8,30155381	-0,035	0,313
CHR3	34013725	CHR3:34013725	SSF x Near_LoA	-9,26944064	0,009	0,293
CHR3	34021973	CHR3:34021973	SSF x Near_LoA	-9,03485967	-0,093	0,311
CHR3	34022009	CHR3:34022009	SSF x Near_LoA	-11,2188885	0,108	0,296
CHR3	34022560	CHR3:34022560	SSF x Near_LoA	-6,89366412	0,207	0,304
CHR3	34022582	CHR3:34022582	SSF x Near_LoA	-6,30146298	0,218	0,290
CHR3	34028635	CHR3:34028635	SSF x Near_LoA	-11,7477385	-0,097	0,311
CHR3	34028810	CHR3:34028810	SSF x Near_LoA	-9,72334417	0,129	0,298
CHR3	34028887	CHR3:34028887	SSF x Near_LoA	-9,8045458	-0,013	0,308
CHR3	34028891	CHR3:34028891	SSF x Near_LoA	-8,01319355	-0,005	0,321
CHR3	34038206	CHR3:34038206	SSF x Near_LoA	-9,73774362	-0,077	0,313
CHR3	34038220	CHR3:34038220	SSF x Near_LoA	-7,7721276	-0,106	0,297
CHR3	34038253	CHR3:34038253	SSF x Near_LoA	-7,11843828	0,047	0,313
CHR3	34038264	CHR3:34038264	SSF x Near_LoA	-9,01912611	0,099	0,304
CHR3	34045940	CHR3:34045940	SSF x Near_LoA	-9,98695359	0,028	0,305
CHR3	34045962	CHR3:34045962	SSF x Near_LoA	2,37153118	-0,064	0,312
CHR3	34045974	CHR3:34045974	SSF x Near_LoA	-9,35889547	0,027	0,314
CHR3	34046023	CHR3:34046023	SSF x Near_LoA	-9,71504706	-0,017	0,312
CHR3	34046024	CHR3:34046024	SSF x Near_LoA	-10,5335918	0,023	0,306
CHR3	34046041	CHR3:34046041	SSF x Near_LoA	-10,0749359	-0,010	0,310
CHR3	34051870	CHR3:34051870	SSF x Near_LoA	-6,62713996	-0,020	0,292
CHR3	34051871	CHR3:34051871	SSF x Near_LoA	-8,44738141	-0,037	0,312
CHR3	34051931	CHR3:34051931	SSF x Near_LoA	-7,48353261	0,255	0,283
CHR3	34051932	CHR3:34051932	SSF x Near_LoA	-8,41595273	0,219	0,298
CHR3	34057108	CHR3:34057108	SSF x Near_LoA	-10,3680017	0,025	0,302

CHR3	34057186	CHR3:34057186	SSF x Near_LoA	-10,5179228	-0,016	0,311
CHR3	34059360	CHR3:34059360	SSF x Near_LoA	-7,65214024	0,075	0,321
CHR3	34060283	CHR3:34060283	SSF x Near_LoA	-9,47991925	0,066	0,314
CHR3	34060299	CHR3:34060299	SSF x Near_LoA	-9,70799336	0,066	0,299
CHR3	34060327	CHR3:34060327	SSF x Near_LoA	-6,03688687	0,125	0,306
CHR3	34060352	CHR3:34060352	SSF x Near_LoA	-10,7181955	0,103	0,298
CHR3	34060354	CHR3:34060354	SSF x Near_LoA	-11,1483575	0,052	0,314
CHR3	340660	CHR3:340660	SSF x Near_LoA	1,37575173	0,115	0,310
CHR3	34073023	CHR3:34073023	SSF x Near_LoA	-8,86483801	0,053	0,298
CHR3	340733	CHR3:340733	SSF x Near_LoA	-10,4219159	0,039	0,304
CHR3	340760	CHR3:340760	SSF x Near_LoA	-8,28868825	0,050	0,306
CHR3	340812	CHR3:340812	SSF x Near_LoA	-8,97831278	-0,047	0,315
CHR3	34085920	CHR3:34085920	SSF x Near_LoA	-10,4256872	0,079	0,303
CHR3	34085957	CHR3:34085957	SSF x Near_LoA	-9,37918126	-0,105	0,295
CHR3	34089215	CHR3:34089215	SSF x Near_LoA	-11,3185144	0,046	0,306
CHR3	34089266	CHR3:34089266	SSF x Near_LoA	-10,7333517	0,032	0,323
CHR3	34089281	CHR3:34089281	SSF x Near_LoA	-7,8474613	-0,168	0,288
CHR3	34089311	CHR3:34089311	SSF x Near_LoA	-11,6923428	0,103	0,303
CHR3	34092280	CHR3:34092280	SSF x Near_LoA	-9,70610187	-0,026	0,317
CHR3	34093298	CHR3:34093298	SSF x Near_LoA	-10,0736246	0,056	0,308
CHR3	34093311	CHR3:34093311	SSF x Near_LoA	-8,77759865	0,097	0,292
CHR3	34093317	CHR3:34093317	SSF x Near_LoA	-10,6596697	0,071	0,320
CHR3	34093385	CHR3:34093385	SSF x Near_LoA	-11,1135302	0,017	0,287
CHR3	34101010	CHR3:34101010	SSF x Near_LoA	-7,44029102	-0,025	0,312
CHR3	34103222	CHR3:34103222	SSF x Near_LoA	-10,4301155	0,086	0,303
CHR3	34103260	CHR3:34103260	SSF x Near_LoA	-3,32192555	-0,162	0,301
CHR3	34104511	CHR3:34104511	SSF x Near_LoA	-9,25757568	-0,028	0,303
CHR3	34104565	CHR3:34104565	SSF x Near_LoA	-9,1564738	0,028	0,313
CHR3	34104566	CHR3:34104566	SSF x Near_LoA	-8,80409528	0,006	0,306
CHR3	34106999	CHR3:34106999	SSF x Near_LoA	-10,1344694	-0,029	0,316
CHR3	34116679	CHR3:34116679	SSF x Near_LoA	-6,32185816	-0,068	0,316
CHR3	34118506	CHR3:34118506	SSF x Near_LoA	-11,6354105	0,061	0,296
CHR3	3412268	CHR3:3412268	SSF x Near_LoA	-10,8839468	-0,068	0,302
CHR3	3412295	CHR3:3412295	SSF x Near_LoA	-9,12209005	-0,065	0,314
CHR3	3412307	CHR3:3412307	SSF x Near_LoA	-7,30767142	0,002	0,296
CHR3	3412321	CHR3:3412321	SSF x Near_LoA	-8,37108424	-0,111	0,300
CHR3	3412328	CHR3:3412328	SSF x Near_LoA	-6,52760191	-0,114	0,314
CHR3	3412351	CHR3:3412351	SSF x Near_LoA	-8,10476136	0,008	0,307
CHR3	3412353	CHR3:3412353	SSF x Near_LoA	-7,63546815	-0,004	0,316
CHR3	3412862	CHR3:3412862	SSF x Near_LoA	-11,6283541	0,050	0,308
CHR3	34132915	CHR3:34132915	SSF x Near_LoA	-1,42677067	-0,090	0,311
CHR3	34132982	CHR3:34132982	SSF x Near_LoA	-11,0886365	-0,046	0,306
CHR3	34133184	CHR3:34133184	SSF x Near_LoA	-9,94984366	-0,044	0,299
CHR3	34142131	CHR3:34142131	SSF x Near_LoA	-7,72862031	-0,129	0,303
CHR3	34142167	CHR3:34142167	SSF x Near_LoA	-11,0904643	0,006	0,300
CHR3	34142175	CHR3:34142175	SSF x Near_LoA	-11,005766	-0,028	0,305
CHR3	34142257	CHR3:34142257	SSF x Near_LoA	-10,5701138	-0,011	0,318
CHR3	34154332	CHR3:34154332	SSF x Near_LoA	-10,1832007	-0,062	0,303
CHR3	34160130	CHR3:34160130	SSF x Near_LoA	-5,04574874	-0,049	0,309
CHR3	34160174	CHR3:34160174	SSF x Near_LoA	-8,11178792	-0,028	0,321
CHR3	34160205	CHR3:34160205	SSF x Near_LoA	-9,56791097	-0,009	0,321
CHR3	34160337	CHR3:34160337	SSF x Near_LoA	-9,82645756	0,071	0,311
CHR3	34160369	CHR3:34160369	SSF x Near_LoA	-9,42465802	0,027	0,304

CHR3	34160418	CHR3:34160418	SSF x Near_LoA	-3,23662499	-0,084	0,310
CHR3	34160480	CHR3:34160480	SSF x Near_LoA	-10,9863026	-0,072	0,317
CHR3	3416749	CHR3:3416749	SSF x Near_LoA	2,87544304	0,036	0,314
CHR3	3416795	CHR3:3416795	SSF x Near_LoA	-11,3461134	0,018	0,310
CHR3	3416887	CHR3:3416887	SSF x Near_LoA	-9,14496961	0,131	0,312
CHR3	34169743	CHR3:34169743	SSF x Near_LoA	-8,49413745	-0,030	0,321
CHR3	34173699	CHR3:34173699	SSF x Near_LoA	-7,01378788	-0,121	0,308
CHR3	34177467	CHR3:34177467	SSF x Near_LoA	-11,1127702	-0,044	0,324
CHR3	3418000	CHR3:3418000	SSF x Near_LoA	-11,9536979	0,001	0,309
CHR3	34193642	CHR3:34193642	SSF x Near_LoA	-11,9957384	0,061	0,304
CHR3	34193707	CHR3:34193707	SSF x Near_LoA	-9,39225844	0,025	0,303
CHR3	34193745	CHR3:34193745	SSF x Near_LoA	-7,07786297	0,099	0,315
CHR3	34193907	CHR3:34193907	SSF x Near_LoA	-10,086123	0,050	0,304
CHR3	34197691	CHR3:34197691	SSF x Near_LoA	-8,95861697	0,157	0,306
CHR3	34203499	CHR3:34203499	SSF x Near_LoA	-11,2045865	-0,026	0,300
CHR3	34230122	CHR3:34230122	SSF x Near_LoA	-10,5370555	-0,132	0,311
CHR3	34230237	CHR3:34230237	SSF x Near_LoA	-8,03247131	-0,027	0,307
CHR3	34235310	CHR3:34235310	SSF x Near_LoA	-8,4428821	0,050	0,297
CHR3	34258526	CHR3:34258526	SSF x Near_LoA	-10,4802345	-0,087	0,305
CHR3	34280348	CHR3:34280348	SSF x Near_LoA	-8,44530104	0,000	0,322
CHR3	3429918	CHR3:3429918	SSF x Near_LoA	-8,40658709	-0,118	0,311
CHR3	34305008	CHR3:34305008	SSF x Near_LoA	-6,21601358	0,160	0,301
CHR3	3431114	CHR3:3431114	SSF x Near_LoA	-9,76028316	0,136	0,294
CHR3	34321791	CHR3:34321791	SSF x Near_LoA	-9,66903117	-0,008	0,308
CHR3	3432299	CHR3:3432299	SSF x Near_LoA	-10,1524044	0,038	0,308
CHR3	3432392	CHR3:3432392	SSF x Near_LoA	-9,61398212	-0,012	0,298
CHR3	3432439	CHR3:3432439	SSF x Near_LoA	-8,8081313	0,015	0,313
CHR3	34357579	CHR3:34357579	SSF x Near_LoA	-12,3295018	0,015	0,312
CHR3	34357639	CHR3:34357639	SSF x Near_LoA	-11,0865603	-0,018	0,294
CHR3	3444815	CHR3:3444815	SSF x Near_LoA	-3,47587829	-0,016	0,313
CHR3	3444847	CHR3:3444847	SSF x Near_LoA	-9,1792973	-0,041	0,294
CHR3	3444914	CHR3:3444914	SSF x Near_LoA	-9,20026112	-0,067	0,306
CHR3	3445044	CHR3:3445044	SSF x Near_LoA	-10,9930338	0,040	0,304
CHR3	3446274	CHR3:3446274	SSF x Near_LoA	-6,916102	0,131	0,299
CHR3	3451816	CHR3:3451816	SSF x Near_LoA	-10,2498058	-0,106	0,303
CHR3	3451828	CHR3:3451828	SSF x Near_LoA	-10,0220289	-0,113	0,296
CHR3	3468170	CHR3:3468170	SSF x Near_LoA	-10,8859786	-0,012	0,313
CHR3	3468393	CHR3:3468393	SSF x Near_LoA	-7,87582002	0,044	0,305
CHR3	3468418	CHR3:3468418	SSF x Near_LoA	-9,60838981	0,039	0,322
CHR3	3470835	CHR3:3470835	SSF x Near_LoA	-7,59549957	0,161	0,289
CHR3	3470852	CHR3:3470852	SSF x Near_LoA	-9,39804436	-0,070	0,307
CHR3	3474009	CHR3:3474009	SSF x Near_LoA	-9,46112356	-0,103	0,305
CHR3	3474054	CHR3:3474054	SSF x Near_LoA	-7,68670793	0,077	0,318
CHR3	3474062	CHR3:3474062	SSF x Near_LoA	-7,80619511	-0,079	0,321
CHR3	3474185	CHR3:3474185	SSF x Near_LoA	-5,97959015	0,168	0,289
CHR3	3474194	CHR3:3474194	SSF x Near_LoA	-5,8989896	0,148	0,298
CHR3	3474201	CHR3:3474201	SSF x Near_LoA	-5,93761547	0,179	0,299
CHR3	3480407	CHR3:3480407	SSF x Near_LoA	-9,49454662	-0,128	0,303
CHR3	3480935	CHR3:3480935	SSF x Near_LoA	-12,0737256	-0,005	0,298
CHR3	3481120	CHR3:3481120	SSF x Near_LoA	-11,366046	-0,038	0,304
CHR3	348363	CHR3:348363	SSF x Near_LoA	-11,7463663	0,008	0,309
CHR3	348498	CHR3:348498	SSF x Near_LoA	-10,4773639	0,018	0,294
CHR3	348569	CHR3:348569	SSF x Near_LoA	-11,1209187	0,013	0,310

CHR3	3508410	CHR3:3508410	SSF x Near_LoA	-9,1343139	0,024	0,303
CHR3	3510324	CHR3:3510324	SSF x Near_LoA	-10,0476012	0,091	0,306
CHR3	3510450	CHR3:3510450	SSF x Near_LoA	-8,21486789	0,081	0,307
CHR3	3510464	CHR3:3510464	SSF x Near_LoA	-8,92067715	0,069	0,311
CHR3	3510475	CHR3:3510475	SSF x Near_LoA	-8,44630213	-0,017	0,316
CHR3	3525879	CHR3:3525879	SSF x Near_LoA	-7,57893289	0,040	0,308
CHR3	3525920	CHR3:3525920	SSF x Near_LoA	-9,20556813	-0,033	0,307
CHR3	3528378	CHR3:3528378	SSF x Near_LoA	-8,13622721	-0,012	0,304
CHR3	3528410	CHR3:3528410	SSF x Near_LoA	-7,47153689	-0,089	0,310
CHR3	3528431	CHR3:3528431	SSF x Near_LoA	-10,1187408	0,064	0,306
CHR3	3528441	CHR3:3528441	SSF x Near_LoA	-12,095337	-0,052	0,290
CHR3	3528458	CHR3:3528458	SSF x Near_LoA	-8,1729353	-0,068	0,288
CHR3	3528495	CHR3:3528495	SSF x Near_LoA	-7,7373319	-0,115	0,314
CHR3	3528599	CHR3:3528599	SSF x Near_LoA	-6,71312405	-0,149	0,306
CHR3	3531164	CHR3:3531164	SSF x Near_LoA	-10,817907	0,073	0,299
CHR3	3546179	CHR3:3546179	SSF x Near_LoA	-7,51040372	-0,044	0,310
CHR3	3547018	CHR3:3547018	SSF x Near_LoA	-6,40623317	-0,138	0,312
CHR3	3556549	CHR3:3556549	SSF x Near_LoA	-11,8010256	-0,086	0,302
CHR3	3556576	CHR3:3556576	SSF x Near_LoA	-8,64312228	0,070	0,312
CHR3	3556592	CHR3:3556592	SSF x Near_LoA	-11,00132	0,014	0,313
CHR3	3561986	CHR3:3561986	SSF x Near_LoA	-9,01550821	0,073	0,294
CHR3	3562003	CHR3:3562003	SSF x Near_LoA	-4,58515051	0,112	0,308
CHR3	3562017	CHR3:3562017	SSF x Near_LoA	-9,07862076	0,058	0,308
CHR3	3562021	CHR3:3562021	SSF x Near_LoA	2,61153472	0,119	0,300
CHR3	3562063	CHR3:3562063	SSF x Near_LoA	-9,80414322	0,052	0,321
CHR3	3562065	CHR3:3562065	SSF x Near_LoA	-9,0032928	0,075	0,309
CHR3	3562066	CHR3:3562066	SSF x Near_LoA	-8,17255008	0,052	0,317
CHR3	3562088	CHR3:3562088	SSF x Near_LoA	-9,42477491	0,045	0,314
CHR3	3566305	CHR3:3566305	SSF x Near_LoA	-10,3757135	0,080	0,301
CHR3	3568272	CHR3:3568272	SSF x Near_LoA	-8,90860804	-0,052	0,318
CHR3	3568347	CHR3:3568347	SSF x Near_LoA	-8,92291484	0,055	0,306
CHR3	3568350	CHR3:3568350	SSF x Near_LoA	-7,8688096	0,203	0,289
CHR3	3573904	CHR3:3573904	SSF x Near_LoA	-10,7883148	-0,120	0,303
CHR3	3574075	CHR3:3574075	SSF x Near_LoA	-9,18358533	0,018	0,306
CHR3	3580939	CHR3:3580939	SSF x Near_LoA	-10,5726061	-0,035	0,307
CHR3	3584593	CHR3:3584593	SSF x Near_LoA	-11,2153376	-0,005	0,314
CHR3	3584636	CHR3:3584636	SSF x Near_LoA	-9,83212462	0,073	0,319
CHR3	3584656	CHR3:3584656	SSF x Near_LoA	-8,61751861	0,137	0,297
CHR3	3584684	CHR3:3584684	SSF x Near_LoA	-5,49320838	-0,174	0,296
CHR3	3584703	CHR3:3584703	SSF x Near_LoA	-7,92200947	0,109	0,307
CHR3	3584735	CHR3:3584735	SSF x Near_LoA	-6,21389935	0,037	0,321
CHR3	3584777	CHR3:3584777	SSF x Near_LoA	-10,4250839	0,020	0,309
CHR3	3602472	CHR3:3602472	SSF x Near_LoA	-9,60545647	-0,046	0,304
CHR3	3603257	CHR3:3603257	SSF x Near_LoA	-9,61867892	-0,036	0,314
CHR3	3605628	CHR3:3605628	SSF x Near_LoA	-8,8221243	-0,004	0,307
CHR3	362098	CHR3:362098	SSF x Near_LoA	-9,7439543	-0,041	0,314
CHR3	362873	CHR3:362873	SSF x Near_LoA	-7,647726	0,007	0,319
CHR3	3632623	CHR3:3632623	SSF x Near_LoA	-8,65412457	0,126	0,300
CHR3	3632672	CHR3:3632672	SSF x Near_LoA	-8,5669299	-0,108	0,315
CHR3	3632684	CHR3:3632684	SSF x Near_LoA	-9,47099658	0,010	0,319
CHR3	3632703	CHR3:3632703	SSF x Near_LoA	-9,52612147	-0,042	0,304
CHR3	3632797	CHR3:3632797	SSF x Near_LoA	-9,39662369	-0,061	0,297
CHR3	3645839	CHR3:3645839	SSF x Near_LoA	-10,234952	0,055	0,314

CHR3	3652767	CHR3:3652767	SSF x Near_LoA	-10,8160079	-0,052	0,296
CHR3	3667305	CHR3:3667305	SSF x Near_LoA	-9,06753627	0,039	0,305
CHR3	3667317	CHR3:3667317	SSF x Near_LoA	-8,30562704	0,061	0,307
CHR3	3667329	CHR3:3667329	SSF x Near_LoA	-10,245941	0,017	0,307
CHR3	3671352	CHR3:3671352	SSF x Near_LoA	-10,0805888	0,036	0,315
CHR3	3673788	CHR3:3673788	SSF x Near_LoA	0,23659497	-0,117	0,308
CHR3	3673795	CHR3:3673795	SSF x Near_LoA	-11,0973991	-0,001	0,304
CHR3	3675600	CHR3:3675600	SSF x Near_LoA	-9,62351616	0,020	0,320
CHR3	3680141	CHR3:3680141	SSF x Near_LoA	-10,1195412	0,018	0,303
CHR3	3680237	CHR3:3680237	SSF x Near_LoA	-12,0152858	-0,039	0,302
CHR3	3680246	CHR3:3680246	SSF x Near_LoA	-11,6322313	-0,035	0,314
CHR3	3687162	CHR3:3687162	SSF x Near_LoA	-8,1317749	-0,095	0,314
CHR3	3687299	CHR3:3687299	SSF x Near_LoA	-9,28593297	-0,103	0,297
CHR3	369430	CHR3:369430	SSF x Near_LoA	-10,7478239	0,030	0,316
CHR3	3711780	CHR3:3711780	SSF x Near_LoA	-9,07725262	0,053	0,301
CHR3	3715014	CHR3:3715014	SSF x Near_LoA	-9,99714309	0,115	0,309
CHR3	3715080	CHR3:3715080	SSF x Near_LoA	-2,02146057	-0,227	0,305
CHR3	3715157	CHR3:3715157	SSF x Near_LoA	-10,0868146	0,003	0,315
CHR3	3715161	CHR3:3715161	SSF x Near_LoA	-10,3377713	0,116	0,311
CHR3	3715185	CHR3:3715185	SSF x Near_LoA	-7,33818444	-0,110	0,324
CHR3	3718242	CHR3:3718242	SSF x Near_LoA	-7,90623576	0,171	0,291
CHR3	3718246	CHR3:3718246	SSF x Near_LoA	-8,36084877	-0,092	0,297
CHR3	3719437	CHR3:3719437	SSF x Near_LoA	-8,29596772	0,121	0,304
CHR3	372043	CHR3:372043	SSF x Near_LoA	-9,30082096	-0,052	0,302
CHR3	3722245	CHR3:3722245	SSF x Near_LoA	-11,0203914	0,004	0,303
CHR3	3722247	CHR3:3722247	SSF x Near_LoA	-11,0020282	0,008	0,319
CHR3	3727369	CHR3:3727369	SSF x Near_LoA	-9,24962088	-0,071	0,311
CHR3	3730229	CHR3:3730229	SSF x Near_LoA	-8,70707102	-0,062	0,301
CHR3	3743774	CHR3:3743774	SSF x Near_LoA	-10,8892294	-0,075	0,312
CHR3	3744011	CHR3:3744011	SSF x Near_LoA	-8,60075942	0,133	0,303
CHR3	3744027	CHR3:3744027	SSF x Near_LoA	-9,57878278	0,026	0,316
CHR3	3744068	CHR3:3744068	SSF x Near_LoA	-9,58254608	-0,017	0,317
CHR3	3764935	CHR3:3764935	SSF x Near_LoA	-10,6712741	-0,012	0,300
CHR3	3765021	CHR3:3765021	SSF x Near_LoA	-8,20035863	-0,026	0,310
CHR3	3765032	CHR3:3765032	SSF x Near_LoA	-4,49733588	-0,084	0,297
CHR3	3765079	CHR3:3765079	SSF x Near_LoA	-8,12146588	0,022	0,306
CHR3	3765081	CHR3:3765081	SSF x Near_LoA	-8,93000449	0,101	0,319
CHR3	3765100	CHR3:3765100	SSF x Near_LoA	-10,0938465	-0,033	0,315
CHR3	3765124	CHR3:3765124	SSF x Near_LoA	-8,839227	-0,045	0,319
CHR3	376733	CHR3:376733	SSF x Near_LoA	-8,41207126	-0,057	0,304
CHR3	376879	CHR3:376879	SSF x Near_LoA	-8,42237722	0,050	0,305
CHR3	3778084	CHR3:3778084	SSF x Near_LoA	-10,6910852	-0,048	0,312
CHR3	3778142	CHR3:3778142	SSF x Near_LoA	-10,1395123	-0,059	0,314
CHR3	3790902	CHR3:3790902	SSF x Near_LoA	-8,01591244	0,151	0,308
CHR3	3791192	CHR3:3791192	SSF x Near_LoA	-10,3845168	0,051	0,292
CHR3	3791202	CHR3:3791202	SSF x Near_LoA	-9,77702549	0,076	0,315
CHR3	3795353	CHR3:3795353	SSF x Near_LoA	-5,19181343	0,192	0,315
CHR3	3795467	CHR3:3795467	SSF x Near_LoA	-7,14727941	0,143	0,310
CHR3	3795527	CHR3:3795527	SSF x Near_LoA	-7,44472623	0,145	0,304
CHR3	3798534	CHR3:3798534	SSF x Near_LoA	-8,60433643	-0,045	0,314
CHR3	3818376	CHR3:3818376	SSF x Near_LoA	-7,64918135	-0,106	0,306
CHR3	3818400	CHR3:3818400	SSF x Near_LoA	-8,55143555	-0,150	0,307
CHR3	3818478	CHR3:3818478	SSF x Near_LoA	-10,9424829	0,057	0,303

CHR3	3818503	CHR3:3818503	SSF x Near_LoA	-12,4357896	-0,032	0,296
CHR3	3818610	CHR3:3818610	SSF x Near_LoA	-11,1526219	-0,022	0,302
CHR3	3824021	CHR3:3824021	SSF x Near_LoA	-11,3715249	-0,083	0,310
CHR3	3824026	CHR3:3824026	SSF x Near_LoA	-11,114091	-0,103	0,313
CHR3	3824262	CHR3:3824262	SSF x Near_LoA	-6,61625704	0,090	0,312
CHR3	3833434	CHR3:3833434	SSF x Near_LoA	-8,00832621	-0,004	0,316
CHR3	3833448	CHR3:3833448	SSF x Near_LoA	-10,6279247	-0,115	0,304
CHR3	3833490	CHR3:3833490	SSF x Near_LoA	-7,36538802	-0,139	0,306
CHR3	3833575	CHR3:3833575	SSF x Near_LoA	-7,33126316	-0,038	0,283
CHR3	3833635	CHR3:3833635	SSF x Near_LoA	-11,4614745	-0,048	0,321
CHR3	3833636	CHR3:3833636	SSF x Near_LoA	-9,16435932	0,036	0,306
CHR3	383602	CHR3:383602	SSF x Near_LoA	-8,1143573	0,057	0,314
CHR3	383620	CHR3:383620	SSF x Near_LoA	-10,0242672	-0,044	0,314
CHR3	3845008	CHR3:3845008	SSF x Near_LoA	-9,37043051	-0,036	0,306
CHR3	3845026	CHR3:3845026	SSF x Near_LoA	-7,9989164	0,056	0,305
CHR3	3845031	CHR3:3845031	SSF x Near_LoA	-10,5658681	0,069	0,303
CHR3	3845038	CHR3:3845038	SSF x Near_LoA	-9,81120727	0,085	0,307
CHR3	3847782	CHR3:3847782	SSF x Near_LoA	-8,52678037	-0,073	0,302
CHR3	3848038	CHR3:3848038	SSF x Near_LoA	-10,8568972	0,034	0,299
CHR3	3848078	CHR3:3848078	SSF x Near_LoA	-9,01793776	-0,111	0,313
CHR3	3852893	CHR3:3852893	SSF x Near_LoA	-9,14347695	0,141	0,321
CHR3	3852946	CHR3:3852946	SSF x Near_LoA	-11,3272249	0,015	0,301
CHR3	3852966	CHR3:3852966	SSF x Near_LoA	-10,7336472	0,042	0,309
CHR3	3853027	CHR3:3853027	SSF x Near_LoA	-8,79453539	-0,093	0,319
CHR3	3853033	CHR3:3853033	SSF x Near_LoA	-7,49504054	-0,083	0,309
CHR3	3853036	CHR3:3853036	SSF x Near_LoA	-8,43294729	-0,088	0,308
CHR3	3853049	CHR3:3853049	SSF x Near_LoA	-6,54180935	-0,036	0,320
CHR3	3853132	CHR3:3853132	SSF x Near_LoA	-8,0051352	0,055	0,305
CHR3	3863430	CHR3:3863430	SSF x Near_LoA	-8,99442729	-0,054	0,308
CHR3	3863437	CHR3:3863437	SSF x Near_LoA	-10,773554	0,021	0,303
CHR3	3876119	CHR3:3876119	SSF x Near_LoA	-8,8531942	-0,019	0,321
CHR3	3877284	CHR3:3877284	SSF x Near_LoA	-10,5821922	-0,055	0,320
CHR3	3886393	CHR3:3886393	SSF x Near_LoA	-6,87833167	-0,105	0,305
CHR3	3886498	CHR3:3886498	SSF x Near_LoA	-9,69612355	0,034	0,310
CHR3	3886555	CHR3:3886555	SSF x Near_LoA	-7,2316013	-0,054	0,303
CHR3	3886584	CHR3:3886584	SSF x Near_LoA	-10,2608932	0,059	0,305
CHR3	3889537	CHR3:3889537	SSF x Near_LoA	-7,04278133	0,063	0,320
CHR3	3889824	CHR3:3889824	SSF x Near_LoA	-2,24045269	-0,185	0,295
CHR3	3889842	CHR3:3889842	SSF x Near_LoA	-7,48555803	0,156	0,287
CHR3	3906888	CHR3:3906888	SSF x Near_LoA	-8,48197622	-0,047	0,306
CHR3	3906979	CHR3:3906979	SSF x Near_LoA	-10,6272682	-0,001	0,309
CHR3	3906987	CHR3:3906987	SSF x Near_LoA	-7,78290378	0,139	0,302
CHR3	3907001	CHR3:3907001	SSF x Near_LoA	-9,29206067	-0,082	0,315
CHR3	3907012	CHR3:3907012	SSF x Near_LoA	-7,10035746	-0,048	0,321
CHR3	3907019	CHR3:3907019	SSF x Near_LoA	-9,37863919	-0,066	0,303
CHR3	3907122	CHR3:3907122	SSF x Near_LoA	-8,30671481	0,149	0,292
CHR3	390803	CHR3:390803	SSF x Near_LoA	-9,0473726	-0,135	0,309
CHR3	390898	CHR3:390898	SSF x Near_LoA	-6,12348721	0,016	0,308
CHR3	3912500	CHR3:3912500	SSF x Near_LoA	-10,8277726	0,054	0,316
CHR3	3924808	CHR3:3924808	SSF x Near_LoA	-10,2361951	-0,010	0,312
CHR3	3924829	CHR3:3924829	SSF x Near_LoA	-8,02523192	-0,026	0,320
CHR3	3924927	CHR3:3924927	SSF x Near_LoA	-9,68906815	0,029	0,314
CHR3	3925002	CHR3:3925002	SSF x Near_LoA	-11,0175601	-0,078	0,324

CHR3	3926757	CHR3:3926757	SSF x Near_LoA	-6,9477779	0,081	0,306
CHR3	3926758	CHR3:3926758	SSF x Near_LoA	-9,70941543	0,070	0,295
CHR3	3931464	CHR3:3931464	SSF x Near_LoA	-8,5021309	-0,081	0,312
CHR3	3931472	CHR3:3931472	SSF x Near_LoA	-8,20338451	0,036	0,299
CHR3	3931567	CHR3:3931567	SSF x Near_LoA	-8,61443478	-0,071	0,308
CHR3	3934883	CHR3:3934883	SSF x Near_LoA	-8,23032529	0,068	0,298
CHR3	3958139	CHR3:3958139	SSF x Near_LoA	-10,1478606	0,076	0,290
CHR3	3958147	CHR3:3958147	SSF x Near_LoA	-7,69458945	0,091	0,305
CHR3	3958155	CHR3:3958155	SSF x Near_LoA	-8,02455055	0,115	0,300
CHR3	3958191	CHR3:3958191	SSF x Near_LoA	-6,62079554	0,124	0,300
CHR3	3958192	CHR3:3958192	SSF x Near_LoA	-11,0397713	0,020	0,308
CHR3	3958195	CHR3:3958195	SSF x Near_LoA	-11,398521	0,022	0,298
CHR3	3978425	CHR3:3978425	SSF x Near_LoA	-12,541772	-0,001	0,311
CHR3	3978454	CHR3:3978454	SSF x Near_LoA	-9,13382567	-0,023	0,310
CHR3	3978470	CHR3:3978470	SSF x Near_LoA	-8,41643724	-0,081	0,306
CHR3	3978513	CHR3:3978513	SSF x Near_LoA	-7,06290913	0,007	0,312
CHR3	3984498	CHR3:3984498	SSF x Near_LoA	-11,2410756	-0,065	0,307
CHR3	3984622	CHR3:3984622	SSF x Near_LoA	-10,7295104	-0,002	0,316
CHR3	3984638	CHR3:3984638	SSF x Near_LoA	-9,37504278	-0,017	0,309
CHR3	3984657	CHR3:3984657	SSF x Near_LoA	-9,22455351	-0,009	0,304
CHR3	3984707	CHR3:3984707	SSF x Near_LoA	-9,12909642	-0,053	0,303
CHR3	3990126	CHR3:3990126	SSF x Near_LoA	-8,90252547	-0,043	0,299
CHR3	3992457	CHR3:3992457	SSF x Near_LoA	-9,8636435	-0,016	0,309
CHR3	3992465	CHR3:3992465	SSF x Near_LoA	-11,1241421	-0,038	0,311
CHR3	3997286	CHR3:3997286	SSF x Near_LoA	-8,88209915	0,000	0,310
CHR3	3997411	CHR3:3997411	SSF x Near_LoA	-11,3067291	-0,086	0,303
CHR3	3999906	CHR3:3999906	SSF x Near_LoA	-7,67223986	-0,114	0,309
CHR3	3999921	CHR3:3999921	SSF x Near_LoA	1,71041369	-0,178	0,284
CHR3	4001555	CHR3:4001555	SSF x Near_LoA	-8,46624208	0,030	0,313
CHR3	4001576	CHR3:4001576	SSF x Near_LoA	-7,17930605	0,062	0,317
CHR3	4001581	CHR3:4001581	SSF x Near_LoA	-9,02893636	-0,129	0,300
CHR3	4001604	CHR3:4001604	SSF x Near_LoA	-8,6664456	0,085	0,297
CHR3	4001636	CHR3:4001636	SSF x Near_LoA	-9,24671749	0,035	0,307
CHR3	4001710	CHR3:4001710	SSF x Near_LoA	-11,6677784	0,052	0,299
CHR3	4001733	CHR3:4001733	SSF x Near_LoA	-11,3930146	0,079	0,311
CHR3	401694	CHR3:401694	SSF x Near_LoA	-10,0372059	0,022	0,291
CHR3	4018461	CHR3:4018461	SSF x Near_LoA	3,64081986	-0,130	0,314
CHR3	4018505	CHR3:4018505	SSF x Near_LoA	-9,52694666	-0,025	0,309
CHR3	4018560	CHR3:4018560	SSF x Near_LoA	-8,6073497	0,077	0,315
CHR3	4018632	CHR3:4018632	SSF x Near_LoA	-8,00931579	-0,120	0,295
CHR3	4019778	CHR3:4019778	SSF x Near_LoA	-9,11951932	0,102	0,310
CHR3	4025534	CHR3:4025534	SSF x Near_LoA	-8,82187497	0,085	0,304
CHR3	4025539	CHR3:4025539	SSF x Near_LoA	-10,071091	-0,112	0,309
CHR3	4025557	CHR3:4025557	SSF x Near_LoA	-9,69383409	0,113	0,299
CHR3	4025597	CHR3:4025597	SSF x Near_LoA	1,75569634	-0,142	0,307
CHR3	4025663	CHR3:4025663	SSF x Near_LoA	-9,83382051	-0,084	0,311
CHR3	4027658	CHR3:4027658	SSF x Near_LoA	-8,99882139	0,032	0,305
CHR3	402776	CHR3:402776	SSF x Near_LoA	-9,02925611	-0,074	0,298
CHR3	4027963	CHR3:4027963	SSF x Near_LoA	-9,3590355	-0,090	0,300
CHR3	4045364	CHR3:4045364	SSF x Near_LoA	-11,3157712	0,131	0,310
CHR3	4047414	CHR3:4047414	SSF x Near_LoA	-8,94489318	-0,068	0,299
CHR3	4050599	CHR3:4050599	SSF x Near_LoA	-9,18264293	0,026	0,318
CHR3	4061030	CHR3:4061030	SSF x Near_LoA	-8,45679617	0,108	0,291

CHR3	4062871	CHR3:4062871	SSF x Near_LoA	-11,6662449	0,062	0,307
CHR3	4076743	CHR3:4076743	SSF x Near_LoA	-9,01984603	-0,066	0,304
CHR3	4077930	CHR3:4077930	SSF x Near_LoA	-8,68096903	0,039	0,307
CHR3	4077992	CHR3:4077992	SSF x Near_LoA	-8,00235909	0,038	0,314
CHR3	407976	CHR3:407976	SSF x Near_LoA	-8,70826316	0,014	0,311
CHR3	408146	CHR3:408146	SSF x Near_LoA	-10,7255447	0,118	0,303
CHR3	4082071	CHR3:4082071	SSF x Near_LoA	-9,18949364	-0,078	0,284
CHR3	408220	CHR3:408220	SSF x Near_LoA	-10,4451295	0,013	0,301
CHR3	4091552	CHR3:4091552	SSF x Near_LoA	-10,1025617	-0,114	0,308
CHR3	4091556	CHR3:4091556	SSF x Near_LoA	-7,6038204	-0,014	0,315
CHR3	4091616	CHR3:4091616	SSF x Near_LoA	-10,1436433	-0,055	0,294
CHR3	4091642	CHR3:4091642	SSF x Near_LoA	-8,51660367	0,098	0,306
CHR3	4091681	CHR3:4091681	SSF x Near_LoA	-4,58279655	0,067	0,315
CHR3	4091718	CHR3:4091718	SSF x Near_LoA	-6,93342705	-0,111	0,302
CHR3	4098687	CHR3:4098687	SSF x Near_LoA	-8,28333435	0,082	0,306
CHR3	4099293	CHR3:4099293	SSF x Near_LoA	-10,7795563	0,072	0,302
CHR3	4099320	CHR3:4099320	SSF x Near_LoA	-7,16995167	0,039	0,298
CHR3	4099351	CHR3:4099351	SSF x Near_LoA	-8,79282433	0,048	0,307
CHR3	4099369	CHR3:4099369	SSF x Near_LoA	-8,21932906	0,060	0,310
CHR3	4099396	CHR3:4099396	SSF x Near_LoA	-8,81193864	0,078	0,307
CHR3	4099417	CHR3:4099417	SSF x Near_LoA	-9,15198667	0,064	0,291
CHR3	4099450	CHR3:4099450	SSF x Near_LoA	-11,6664159	-0,016	0,308
CHR3	4110964	CHR3:4110964	SSF x Near_LoA	-9,50120774	-0,131	0,305
CHR3	4111020	CHR3:4111020	SSF x Near_LoA	-9,73113057	0,086	0,305
CHR3	411141	CHR3:411141	SSF x Near_LoA	0,04512611	-0,114	0,302
CHR3	411182	CHR3:411182	SSF x Near_LoA	-7,87077001	0,112	0,299
CHR3	411234	CHR3:411234	SSF x Near_LoA	-12,1328434	-0,019	0,301
CHR3	411247	CHR3:411247	SSF x Near_LoA	-8,40860598	-0,153	0,291
CHR3	4124401	CHR3:4124401	SSF x Near_LoA	-2,54749784	-0,089	0,304
CHR3	4139764	CHR3:4139764	SSF x Near_LoA	-11,3686176	0,014	0,316
CHR3	4139923	CHR3:4139923	SSF x Near_LoA	-8,88759327	0,099	0,313
CHR3	4141150	CHR3:4141150	SSF x Near_LoA	-10,8133512	-0,016	0,300
CHR3	4141338	CHR3:4141338	SSF x Near_LoA	-8,25016963	-0,097	0,305
CHR3	4141346	CHR3:4141346	SSF x Near_LoA	-11,5312891	-0,050	0,309
CHR3	4154230	CHR3:4154230	SSF x Near_LoA	-10,1829899	0,012	0,319
CHR3	4154235	CHR3:4154235	SSF x Near_LoA	-10,2471444	-0,050	0,306
CHR3	4154236	CHR3:4154236	SSF x Near_LoA	-9,68780207	-0,076	0,313
CHR3	4154275	CHR3:4154275	SSF x Near_LoA	-8,03744887	-0,009	0,309
CHR3	4164970	CHR3:4164970	SSF x Near_LoA	-7,73011844	0,055	0,313
CHR3	4165053	CHR3:4165053	SSF x Near_LoA	-9,00119537	0,123	0,299
CHR3	4181242	CHR3:4181242	SSF x Near_LoA	-8,48335592	0,032	0,303
CHR3	4181279	CHR3:4181279	SSF x Near_LoA	-9,23878184	-0,019	0,313
CHR3	4181447	CHR3:4181447	SSF x Near_LoA	-8,11574084	0,118	0,292
CHR3	4181461	CHR3:4181461	SSF x Near_LoA	-6,91491707	-0,102	0,310
CHR3	4184804	CHR3:4184804	SSF x Near_LoA	-9,47318495	-0,021	0,311
CHR3	4185848	CHR3:4185848	SSF x Near_LoA	-9,46207477	-0,065	0,293
CHR3	4185896	CHR3:4185896	SSF x Near_LoA	-9,39164944	0,020	0,312
CHR3	4193350	CHR3:4193350	SSF x Near_LoA	-7,6474405	0,022	0,310
CHR3	4193389	CHR3:4193389	SSF x Near_LoA	-8,74595639	0,006	0,306
CHR3	4193394	CHR3:4193394	SSF x Near_LoA	-10,2260222	-0,117	0,305
CHR3	4193417	CHR3:4193417	SSF x Near_LoA	-7,9894125	0,075	0,305
CHR3	4193436	CHR3:4193436	SSF x Near_LoA	-8,63138723	0,082	0,308
CHR3	4193536	CHR3:4193536	SSF x Near_LoA	-10,6427312	-0,091	0,319

CHR3	4195065	CHR3:4195065	SSF x Near_LoA	-8,1903619	0,121	0,311
CHR3	420124	CHR3:420124	SSF x Near_LoA	-9,20420303	0,004	0,309
CHR3	4201622	CHR3:4201622	SSF x Near_LoA	-10,1858552	-0,013	0,313
CHR3	4201766	CHR3:4201766	SSF x Near_LoA	-6,72124153	-0,095	0,304
CHR3	4201965	CHR3:4201965	SSF x Near_LoA	-10,0829681	-0,029	0,316
CHR3	420205	CHR3:420205	SSF x Near_LoA	-7,37379827	-0,048	0,313
CHR3	420206	CHR3:420206	SSF x Near_LoA	-8,68684071	-0,004	0,312
CHR3	420208	CHR3:420208	SSF x Near_LoA	-9,58846901	-0,015	0,288
CHR3	420242	CHR3:420242	SSF x Near_LoA	-8,92182052	0,034	0,304
CHR3	420300	CHR3:420300	SSF x Near_LoA	-7,79037913	-0,009	0,318
CHR3	420350	CHR3:420350	SSF x Near_LoA	-12,4485641	0,009	0,299
CHR3	4206062	CHR3:4206062	SSF x Near_LoA	-2,58239394	0,193	0,294
CHR3	4206141	CHR3:4206141	SSF x Near_LoA	-3,00699182	0,044	0,310
CHR3	4206142	CHR3:4206142	SSF x Near_LoA	-8,5501409	0,077	0,308
CHR3	4206176	CHR3:4206176	SSF x Near_LoA	-7,18259763	-0,116	0,299
CHR3	4206321	CHR3:4206321	SSF x Near_LoA	-10,2491895	0,161	0,292
CHR3	4209335	CHR3:4209335	SSF x Near_LoA	-6,0083673	-0,041	0,319
CHR3	4209407	CHR3:4209407	SSF x Near_LoA	-11,3074741	0,049	0,306
CHR3	4211158	CHR3:4211158	SSF x Near_LoA	-10,7003085	0,091	0,302
CHR3	4211365	CHR3:4211365	SSF x Near_LoA	-6,8599276	-0,103	0,293
CHR3	4211371	CHR3:4211371	SSF x Near_LoA	-9,165037	-0,114	0,297
CHR3	422265	CHR3:422265	SSF x Near_LoA	-11,3836444	-0,020	0,301
CHR3	4233267	CHR3:4233267	SSF x Near_LoA	-10,813819	0,056	0,319
CHR3	4233336	CHR3:4233336	SSF x Near_LoA	-8,94475961	0,123	0,301
CHR3	4233408	CHR3:4233408	SSF x Near_LoA	-8,22516069	0,008	0,303
CHR3	4233432	CHR3:4233432	SSF x Near_LoA	-9,5295053	0,120	0,296
CHR3	4252930	CHR3:4252930	SSF x Near_LoA	-8,16265681	0,135	0,296
CHR3	4252955	CHR3:4252955	SSF x Near_LoA	-8,81265513	0,036	0,307
CHR3	425394	CHR3:425394	SSF x Near_LoA	-8,38818279	0,052	0,317
CHR3	426304	CHR3:426304	SSF x Near_LoA	1,20796253	-0,015	0,303
CHR3	426390	CHR3:426390	SSF x Near_LoA	-9,00203034	-0,018	0,315
CHR3	4270913	CHR3:4270913	SSF x Near_LoA	-9,82639104	-0,086	0,309
CHR3	4271055	CHR3:4271055	SSF x Near_LoA	-10,184298	-0,062	0,303
CHR3	4271103	CHR3:4271103	SSF x Near_LoA	-10,6061083	-0,024	0,307
CHR3	4273012	CHR3:4273012	SSF x Near_LoA	-8,54784576	0,071	0,312
CHR3	4281040	CHR3:4281040	SSF x Near_LoA	-2,98850304	-0,052	0,300
CHR3	4281085	CHR3:4281085	SSF x Near_LoA	-7,59250272	0,156	0,312
CHR3	4281164	CHR3:4281164	SSF x Near_LoA	-9,81109311	-0,098	0,295
CHR3	428609	CHR3:428609	SSF x Near_LoA	-8,11475558	0,070	0,302
CHR3	428614	CHR3:428614	SSF x Near_LoA	-9,23750971	0,080	0,315
CHR3	428725	CHR3:428725	SSF x Near_LoA	-8,40630022	-0,120	0,298
CHR3	4289835	CHR3:4289835	SSF x Near_LoA	-9,35810622	0,154	0,285
CHR3	4289871	CHR3:4289871	SSF x Near_LoA	-9,90855716	0,012	0,304
CHR3	4289941	CHR3:4289941	SSF x Near_LoA	-7,97211629	-0,020	0,320
CHR3	4317466	CHR3:4317466	SSF x Near_LoA	-8,4170232	0,056	0,301
CHR3	4317475	CHR3:4317475	SSF x Near_LoA	-7,94193776	-0,049	0,320
CHR3	4317511	CHR3:4317511	SSF x Near_LoA	-10,3284213	0,069	0,310
CHR3	4324365	CHR3:4324365	SSF x Near_LoA	-9,56111984	0,020	0,308
CHR3	4324509	CHR3:4324509	SSF x Near_LoA	-10,4847203	-0,004	0,311
CHR3	4339809	CHR3:4339809	SSF x Near_LoA	-10,2252158	0,022	0,313
CHR3	4339974	CHR3:4339974	SSF x Near_LoA	-7,2843602	0,042	0,318
CHR3	4340824	CHR3:4340824	SSF x Near_LoA	-8,9801708	0,114	0,303
CHR3	4344918	CHR3:4344918	SSF x Near_LoA	-8,52867951	-0,068	0,310

CHR3	434504	CHR3:434504	SSF x Near_LoA	-10,9699005	-0,040	0,303
CHR3	434519	CHR3:434519	SSF x Near_LoA	-8,61822932	0,000	0,305
CHR3	434615	CHR3:434615	SSF x Near_LoA	-8,11425516	0,019	0,307
CHR3	434618	CHR3:434618	SSF x Near_LoA	-7,60075164	0,031	0,297
CHR3	434876	CHR3:434876	SSF x Near_LoA	-9,80688894	-0,010	0,309
CHR3	434923	CHR3:434923	SSF x Near_LoA	-9,74636945	-0,008	0,302
CHR3	434965	CHR3:434965	SSF x Near_LoA	-7,72804384	0,006	0,304
CHR3	4350403	CHR3:4350403	SSF x Near_LoA	-5,93858999	0,075	0,312
CHR3	4355690	CHR3:4355690	SSF x Near_LoA	-10,9724066	-0,047	0,301
CHR3	4358777	CHR3:4358777	SSF x Near_LoA	-7,07478193	0,167	0,288
CHR3	4358804	CHR3:4358804	SSF x Near_LoA	-9,84309368	0,001	0,311
CHR3	4358812	CHR3:4358812	SSF x Near_LoA	-11,9013903	-0,010	0,292
CHR3	4358816	CHR3:4358816	SSF x Near_LoA	-12,3332844	-0,011	0,301
CHR3	4368708	CHR3:4368708	SSF x Near_LoA	-9,49054516	-0,075	0,312
CHR3	4396380	CHR3:4396380	SSF x Near_LoA	-6,82319926	-0,146	0,298
CHR3	4396722	CHR3:4396722	SSF x Near_LoA	-8,68082638	-0,061	0,312
CHR3	4396723	CHR3:4396723	SSF x Near_LoA	-9,4144005	-0,003	0,318
CHR3	4403361	CHR3:4403361	SSF x Near_LoA	-12,015275	-0,075	0,310
CHR3	4410365	CHR3:4410365	SSF x Near_LoA	-7,02447576	0,064	0,307
CHR3	4417942	CHR3:4417942	SSF x Near_LoA	-9,24120558	-0,023	0,304
CHR3	4418006	CHR3:4418006	SSF x Near_LoA	-9,34550832	-0,004	0,311
CHR3	4418166	CHR3:4418166	SSF x Near_LoA	-9,06603092	0,152	0,286
CHR3	4423518	CHR3:4423518	SSF x Near_LoA	-8,58760846	-0,003	0,314
CHR3	4423603	CHR3:4423603	SSF x Near_LoA	-10,0035896	0,060	0,310
CHR3	442669	CHR3:442669	SSF x Near_LoA	-8,72415234	0,125	0,305
CHR3	442701	CHR3:442701	SSF x Near_LoA	-4,77693139	-0,031	0,313
CHR3	4436274	CHR3:4436274	SSF x Near_LoA	-10,6205154	-0,008	0,300
CHR3	4436276	CHR3:4436276	SSF x Near_LoA	-10,1285458	0,069	0,308
CHR3	4436361	CHR3:4436361	SSF x Near_LoA	-8,78480265	0,075	0,302
CHR3	4438277	CHR3:4438277	SSF x Near_LoA	-10,1269604	0,001	0,292
CHR3	4438302	CHR3:4438302	SSF x Near_LoA	-8,0739906	-0,121	0,305
CHR3	4438326	CHR3:4438326	SSF x Near_LoA	-10,4042513	-0,094	0,295
CHR3	4438354	CHR3:4438354	SSF x Near_LoA	-10,2050037	-0,120	0,292
CHR3	4446745	CHR3:4446745	SSF x Near_LoA	-6,83106943	-0,015	0,319
CHR3	4446873	CHR3:4446873	SSF x Near_LoA	-7,45985645	-0,030	0,302
CHR3	4475145	CHR3:4475145	SSF x Near_LoA	-7,47681714	-0,043	0,305
CHR3	4475203	CHR3:4475203	SSF x Near_LoA	-6,04961783	-0,066	0,305
CHR3	4475283	CHR3:4475283	SSF x Near_LoA	-8,27715757	-0,081	0,301
CHR3	4475284	CHR3:4475284	SSF x Near_LoA	-6,9257368	-0,058	0,303
CHR3	4484673	CHR3:4484673	SSF x Near_LoA	-9,97853917	0,130	0,295
CHR3	4484929	CHR3:4484929	SSF x Near_LoA	-8,75031814	0,071	0,316
CHR3	4494839	CHR3:4494839	SSF x Near_LoA	-9,15931007	0,074	0,300
CHR3	4494959	CHR3:4494959	SSF x Near_LoA	-4,3832352	-0,218	0,308
CHR3	4494978	CHR3:4494978	SSF x Near_LoA	-8,82370498	-0,069	0,314
CHR3	4494990	CHR3:4494990	SSF x Near_LoA	-11,9855302	-0,066	0,307
CHR3	4495025	CHR3:4495025	SSF x Near_LoA	-8,63645865	0,035	0,313
CHR3	4495026	CHR3:4495026	SSF x Near_LoA	-9,32221136	0,025	0,301
CHR3	4495035	CHR3:4495035	SSF x Near_LoA	-8,20324188	-0,068	0,308
CHR3	4495057	CHR3:4495057	SSF x Near_LoA	-10,0858198	-0,091	0,326
CHR3	4499047	CHR3:4499047	SSF x Near_LoA	-10,935616	-0,019	0,318
CHR3	4499109	CHR3:4499109	SSF x Near_LoA	-8,51867731	-0,097	0,304
CHR3	4499127	CHR3:4499127	SSF x Near_LoA	-9,02209104	-0,102	0,311
CHR3	4499140	CHR3:4499140	SSF x Near_LoA	-12,1481701	-0,033	0,304

CHR3	4499160	CHR3:4499160	SSF x Near_LoA	-11,3406867	-0,049	0,310
CHR3	4499178	CHR3:4499178	SSF x Near_LoA	-8,81618477	-0,122	0,295
CHR3	4499216	CHR3:4499216	SSF x Near_LoA	-9,29836359	-0,039	0,310
CHR3	4517465	CHR3:4517465	SSF x Near_LoA	-8,32152036	-0,080	0,317
CHR3	4517475	CHR3:4517475	SSF x Near_LoA	-4,28543019	-0,166	0,317
CHR3	4517492	CHR3:4517492	SSF x Near_LoA	-9,65921545	-0,037	0,311
CHR3	4517537	CHR3:4517537	SSF x Near_LoA	-9,16214181	-0,006	0,310
CHR3	4517550	CHR3:4517550	SSF x Near_LoA	-11,4311413	-0,066	0,289
CHR3	4521178	CHR3:4521178	SSF x Near_LoA	-9,62514392	-0,105	0,303
CHR3	4521195	CHR3:4521195	SSF x Near_LoA	-6,64695745	0,009	0,313
CHR3	4524174	CHR3:4524174	SSF x Near_LoA	-9,17533965	-0,085	0,294
CHR3	4528147	CHR3:4528147	SSF x Near_LoA	-7,57573923	-0,095	0,301
CHR3	4528176	CHR3:4528176	SSF x Near_LoA	-8,62678873	-0,104	0,296
CHR3	4528185	CHR3:4528185	SSF x Near_LoA	-7,58663151	-0,110	0,290
CHR3	4538730	CHR3:4538730	SSF x Near_LoA	-8,48001027	0,004	0,315
CHR3	4538735	CHR3:4538735	SSF x Near_LoA	-8,16398189	0,195	0,289
CHR3	4538761	CHR3:4538761	SSF x Near_LoA	-10,1113333	-0,069	0,327
CHR3	4563884	CHR3:4563884	SSF x Near_LoA	-8,28322131	0,069	0,298
CHR3	4566100	CHR3:4566100	SSF x Near_LoA	-9,19879667	-0,002	0,301
CHR3	4572123	CHR3:4572123	SSF x Near_LoA	-9,85617441	0,022	0,308
CHR3	4578948	CHR3:4578948	SSF x Near_LoA	-9,36904522	-0,026	0,309
CHR3	4579051	CHR3:4579051	SSF x Near_LoA	-8,26117875	0,085	0,294
CHR3	4579061	CHR3:4579061	SSF x Near_LoA	-11,7161191	-0,008	0,300
CHR3	4579149	CHR3:4579149	SSF x Near_LoA	-11,3133751	-0,013	0,312
CHR3	4579670	CHR3:4579670	SSF x Near_LoA	-10,4266429	-0,011	0,304
CHR3	4590515	CHR3:4590515	SSF x Near_LoA	-7,81261316	-0,067	0,317
CHR3	4590551	CHR3:4590551	SSF x Near_LoA	-8,3615698	0,077	0,312
CHR3	4596419	CHR3:4596419	SSF x Near_LoA	-12,0363876	0,081	0,301
CHR3	4596544	CHR3:4596544	SSF x Near_LoA	-10,0805173	0,057	0,310
CHR3	4596638	CHR3:4596638	SSF x Near_LoA	-8,73730825	0,161	0,305
CHR3	4602577	CHR3:4602577	SSF x Near_LoA	-7,51509227	-0,087	0,299
CHR3	4602632	CHR3:4602632	SSF x Near_LoA	-6,67238989	-0,102	0,300
CHR3	4602682	CHR3:4602682	SSF x Near_LoA	-8,70916271	0,057	0,305
CHR3	4602690	CHR3:4602690	SSF x Near_LoA	-9,3238553	-0,068	0,302
CHR3	4605186	CHR3:4605186	SSF x Near_LoA	-8,52477172	-0,054	0,312
CHR3	4618116	CHR3:4618116	SSF x Near_LoA	-11,3470229	0,106	0,300
CHR3	4625398	CHR3:4625398	SSF x Near_LoA	-8,84706852	0,028	0,304
CHR3	4637639	CHR3:4637639	SSF x Near_LoA	-4,18786688	-0,091	0,305
CHR3	4643205	CHR3:4643205	SSF x Near_LoA	-8,61719122	0,067	0,316
CHR3	466940	CHR3:466940	SSF x Near_LoA	-6,4922815	-0,050	0,325
CHR3	466987	CHR3:466987	SSF x Near_LoA	-10,1313743	0,029	0,306
CHR3	467102	CHR3:467102	SSF x Near_LoA	-8,87588491	-0,048	0,306
CHR3	4671210	CHR3:4671210	SSF x Near_LoA	-8,24939428	0,012	0,304
CHR3	4671328	CHR3:4671328	SSF x Near_LoA	-8,93189747	0,039	0,300
CHR3	4680185	CHR3:4680185	SSF x Near_LoA	-9,39216552	0,055	0,302
CHR3	4680301	CHR3:4680301	SSF x Near_LoA	-10,2617321	-0,057	0,294
CHR3	4680485	CHR3:4680485	SSF x Near_LoA	-7,50149502	-0,092	0,315
CHR3	4685780	CHR3:4685780	SSF x Near_LoA	-4,99069103	-0,062	0,313
CHR3	469195	CHR3:469195	SSF x Near_LoA	-8,21594242	-0,076	0,298
CHR3	4692354	CHR3:4692354	SSF x Near_LoA	-8,61652054	-0,078	0,319
CHR3	4692440	CHR3:4692440	SSF x Near_LoA	-10,8872046	-0,038	0,305
CHR3	4692453	CHR3:4692453	SSF x Near_LoA	-11,3272792	-0,026	0,309
CHR3	469301	CHR3:469301	SSF x Near_LoA	-8,4421462	0,092	0,306

CHR3	469307	CHR3:469307	SSF x Near_LoA	-8,94345423	0,059	0,293
CHR3	469338	CHR3:469338	SSF x Near_LoA	-10,4621624	0,054	0,308
CHR3	469395	CHR3:469395	SSF x Near_LoA	-12,3903958	0,028	0,295
CHR3	4717334	CHR3:4717334	SSF x Near_LoA	-10,346236	0,055	0,314
CHR3	4717359	CHR3:4717359	SSF x Near_LoA	-9,20192904	-0,022	0,321
CHR3	4717405	CHR3:4717405	SSF x Near_LoA	-9,5465971	-0,031	0,305
CHR3	4717413	CHR3:4717413	SSF x Near_LoA	-9,53384521	0,020	0,314
CHR3	471853	CHR3:471853	SSF x Near_LoA	-10,4225948	-0,007	0,303
CHR3	471876	CHR3:471876	SSF x Near_LoA	-8,89785562	-0,064	0,312
CHR3	471903	CHR3:471903	SSF x Near_LoA	-8,51333745	0,119	0,288
CHR3	471935	CHR3:471935	SSF x Near_LoA	-5,35432491	-0,132	0,297
CHR3	471941	CHR3:471941	SSF x Near_LoA	-4,54766078	0,234	0,288
CHR3	471959	CHR3:471959	SSF x Near_LoA	-1,17609081	0,305	0,273
CHR3	471980	CHR3:471980	SSF x Near_LoA	-7,69039126	-0,160	0,313
CHR3	4729058	CHR3:4729058	SSF x Near_LoA	-9,91533059	0,089	0,304
CHR3	4729119	CHR3:4729119	SSF x Near_LoA	-8,63427769	0,045	0,308
CHR3	4729134	CHR3:4729134	SSF x Near_LoA	-11,2447611	-0,035	0,297
CHR3	4729145	CHR3:4729145	SSF x Near_LoA	-9,67147598	0,013	0,308
CHR3	4748069	CHR3:4748069	SSF x Near_LoA	-7,93340985	0,062	0,305
CHR3	4748137	CHR3:4748137	SSF x Near_LoA	-6,63453003	-0,151	0,296
CHR3	4756245	CHR3:4756245	SSF x Near_LoA	-7,2969338	-0,031	0,304
CHR3	4756256	CHR3:4756256	SSF x Near_LoA	-8,84147754	-0,009	0,298
CHR3	4756264	CHR3:4756264	SSF x Near_LoA	-10,2992291	0,012	0,297
CHR3	4756278	CHR3:4756278	SSF x Near_LoA	-8,84396554	-0,005	0,298
CHR3	4756319	CHR3:4756319	SSF x Near_LoA	-11,8435118	0,029	0,318
CHR3	4756433	CHR3:4756433	SSF x Near_LoA	-10,4069645	-0,036	0,300
CHR3	4756481	CHR3:4756481	SSF x Near_LoA	-11,2378446	-0,015	0,304
CHR3	4757677	CHR3:4757677	SSF x Near_LoA	-11,0442588	0,003	0,308
CHR3	4757765	CHR3:4757765	SSF x Near_LoA	-9,0671754	0,025	0,320
CHR3	4757813	CHR3:4757813	SSF x Near_LoA	-7,77699469	-0,131	0,295
CHR3	478558	CHR3:478558	SSF x Near_LoA	-7,54182647	-0,132	0,291
CHR3	478566	CHR3:478566	SSF x Near_LoA	-9,6079201	-0,109	0,305
CHR3	478580	CHR3:478580	SSF x Near_LoA	-9,43193436	-0,094	0,305
CHR3	478620	CHR3:478620	SSF x Near_LoA	-3,30506274	0,090	0,311
CHR3	478651	CHR3:478651	SSF x Near_LoA	-6,90987023	-0,094	0,310
CHR3	481028	CHR3:481028	SSF x Near_LoA	-9,21699492	-0,001	0,320
CHR3	481084	CHR3:481084	SSF x Near_LoA	-8,07266648	-0,012	0,312
CHR3	481224	CHR3:481224	SSF x Near_LoA	-10,4588733	-0,020	0,313
CHR3	4813979	CHR3:4813979	SSF x Near_LoA	-5,25067203	0,175	0,282
CHR3	4814103	CHR3:4814103	SSF x Near_LoA	-7,29472496	0,009	0,316
CHR3	4815412	CHR3:4815412	SSF x Near_LoA	-11,2829667	0,019	0,304
CHR3	4823824	CHR3:4823824	SSF x Near_LoA	-8,65049648	-0,091	0,305
CHR3	4823982	CHR3:4823982	SSF x Near_LoA	-8,77485414	0,026	0,306
CHR3	4826781	CHR3:4826781	SSF x Near_LoA	-8,99889059	-0,021	0,312
CHR3	4830115	CHR3:4830115	SSF x Near_LoA	-6,33808803	0,116	0,308
CHR3	4830178	CHR3:4830178	SSF x Near_LoA	-8,98854606	0,064	0,314
CHR3	4830214	CHR3:4830214	SSF x Near_LoA	-9,349326	0,042	0,309
CHR3	4832386	CHR3:4832386	SSF x Near_LoA	-8,39543923	0,080	0,320
CHR3	4832389	CHR3:4832389	SSF x Near_LoA	-8,23193234	0,106	0,306
CHR3	4832531	CHR3:4832531	SSF x Near_LoA	-7,83364244	0,097	0,305
CHR3	4832544	CHR3:4832544	SSF x Near_LoA	-0,7636385	0,182	0,307
CHR3	4832546	CHR3:4832546	SSF x Near_LoA	-8,17095343	-0,106	0,313
CHR3	4832569	CHR3:4832569	SSF x Near_LoA	-6,87297377	0,171	0,301

CHR3	4837632	CHR3:4837632	SSF x Near_LoA	-6,77299563	-0,073	0,306
CHR3	4837642	CHR3:4837642	SSF x Near_LoA	-8,1995877	0,055	0,300
CHR3	4837668	CHR3:4837668	SSF x Near_LoA	-6,11336826	0,076	0,317
CHR3	4837669	CHR3:4837669	SSF x Near_LoA	-8,40566209	0,069	0,309
CHR3	4837670	CHR3:4837670	SSF x Near_LoA	-9,08485627	0,073	0,313
CHR3	4837699	CHR3:4837699	SSF x Near_LoA	-9,21621884	-0,065	0,298
CHR3	4838168	CHR3:4838168	SSF x Near_LoA	-10,0255592	0,001	0,308
CHR3	4843941	CHR3:4843941	SSF x Near_LoA	-10,746604	-0,003	0,302
CHR3	485161	CHR3:485161	SSF x Near_LoA	-5,92734873	0,053	0,316
CHR3	485163	CHR3:485163	SSF x Near_LoA	-7,53729502	-0,036	0,324
CHR3	4859744	CHR3:4859744	SSF x Near_LoA	-6,6648223	-0,136	0,312
CHR3	4859772	CHR3:4859772	SSF x Near_LoA	-8,16350413	-0,069	0,311
CHR3	486377	CHR3:486377	SSF x Near_LoA	-10,2580076	0,117	0,310
CHR3	4864395	CHR3:4864395	SSF x Near_LoA	-10,5748478	-0,024	0,304
CHR3	4864397	CHR3:4864397	SSF x Near_LoA	-10,5464804	-0,019	0,301
CHR3	4864600	CHR3:4864600	SSF x Near_LoA	-7,94345791	-0,065	0,319
CHR3	4864629	CHR3:4864629	SSF x Near_LoA	-7,33424825	-0,058	0,313
CHR3	4867502	CHR3:4867502	SSF x Near_LoA	-10,5563224	0,057	0,311
CHR3	4867519	CHR3:4867519	SSF x Near_LoA	-7,07961788	0,123	0,304
CHR3	4867525	CHR3:4867525	SSF x Near_LoA	-11,0114533	-0,030	0,322
CHR3	4869922	CHR3:4869922	SSF x Near_LoA	-8,53392293	-0,019	0,315
CHR3	4870006	CHR3:4870006	SSF x Near_LoA	-9,33308378	0,031	0,300
CHR3	4874191	CHR3:4874191	SSF x Near_LoA	-6,85889948	-0,099	0,317
CHR3	4877804	CHR3:4877804	SSF x Near_LoA	-8,31981548	0,045	0,305
CHR3	4877820	CHR3:4877820	SSF x Near_LoA	-11,3330311	-0,036	0,312
CHR3	4877922	CHR3:4877922	SSF x Near_LoA	-3,2333103	0,101	0,295
CHR3	4877931	CHR3:4877931	SSF x Near_LoA	-9,19377834	0,032	0,306
CHR3	4878018	CHR3:4878018	SSF x Near_LoA	-10,4665684	-0,074	0,319
CHR3	4880394	CHR3:4880394	SSF x Near_LoA	-11,7411485	0,040	0,301
CHR3	4880442	CHR3:4880442	SSF x Near_LoA	-6,12327903	0,144	0,288
CHR3	4880491	CHR3:4880491	SSF x Near_LoA	-10,8086502	0,002	0,319
CHR3	4880566	CHR3:4880566	SSF x Near_LoA	-10,29868	-0,008	0,315
CHR3	4882383	CHR3:4882383	SSF x Near_LoA	-6,90144971	0,102	0,294
CHR3	4893549	CHR3:4893549	SSF x Near_LoA	-10,7639112	0,000	0,310
CHR3	4894333	CHR3:4894333	SSF x Near_LoA	-10,2814787	0,006	0,318
CHR3	491792	CHR3:491792	SSF x Near_LoA	-8,37862968	-0,015	0,286
CHR3	491811	CHR3:491811	SSF x Near_LoA	-8,94397367	0,016	0,288
CHR3	4923941	CHR3:4923941	SSF x Near_LoA	-8,0104176	-0,013	0,305
CHR3	4923959	CHR3:4923959	SSF x Near_LoA	-8,32041997	0,059	0,302
CHR3	4923994	CHR3:4923994	SSF x Near_LoA	-6,68192116	-0,069	0,311
CHR3	4930933	CHR3:4930933	SSF x Near_LoA	-8,25972878	0,084	0,319
CHR3	4931058	CHR3:4931058	SSF x Near_LoA	-10,2258321	-0,018	0,316
CHR3	4931113	CHR3:4931113	SSF x Near_LoA	-10,4722399	-0,019	0,306
CHR3	4931123	CHR3:4931123	SSF x Near_LoA	-9,44918161	-0,062	0,310
CHR3	4931168	CHR3:4931168	SSF x Near_LoA	-8,64205315	0,025	0,318
CHR3	493807	CHR3:493807	SSF x Near_LoA	-9,76502785	0,053	0,303
CHR3	493881	CHR3:493881	SSF x Near_LoA	0,73265924	0,094	0,313
CHR3	4949730	CHR3:4949730	SSF x Near_LoA	-7,1027042	-0,010	0,302
CHR3	4949780	CHR3:4949780	SSF x Near_LoA	-8,98847085	0,041	0,300
CHR3	4949877	CHR3:4949877	SSF x Near_LoA	-8,66633254	0,024	0,289
CHR3	4949917	CHR3:4949917	SSF x Near_LoA	-10,4843546	-0,028	0,308
CHR3	4949925	CHR3:4949925	SSF x Near_LoA	-7,1201378	-0,097	0,309
CHR3	4949962	CHR3:4949962	SSF x Near_LoA	-10,0375194	-0,083	0,311

CHR3	4949999	CHR3:4949999	SSF x Near_LoA	-10,6614521	0,005	0,305
CHR3	4950885	CHR3:4950885	SSF x Near_LoA	-9,27586053	0,027	0,308
CHR3	4951004	CHR3:4951004	SSF x Near_LoA	-8,05900378	-0,076	0,307
CHR3	4952551	CHR3:4952551	SSF x Near_LoA	-7,80648734	0,089	0,308
CHR3	4952603	CHR3:4952603	SSF x Near_LoA	-12,0821354	-0,036	0,306
CHR3	4952688	CHR3:4952688	SSF x Near_LoA	-9,2652238	-0,088	0,314
CHR3	4952711	CHR3:4952711	SSF x Near_LoA	-9,79738038	-0,046	0,314
CHR3	4960722	CHR3:4960722	SSF x Near_LoA	-8,40101967	0,047	0,321
CHR3	4960782	CHR3:4960782	SSF x Near_LoA	-10,5842808	0,065	0,303
CHR3	4960795	CHR3:4960795	SSF x Near_LoA	-7,73075235	-0,003	0,305
CHR3	4960830	CHR3:4960830	SSF x Near_LoA	-11,4833033	0,067	0,298
CHR3	4964591	CHR3:4964591	SSF x Near_LoA	-11,3004958	-0,030	0,298
CHR3	4964617	CHR3:4964617	SSF x Near_LoA	-12,7314944	-0,021	0,302
CHR3	4979084	CHR3:4979084	SSF x Near_LoA	-10,5517096	-0,016	0,302
CHR3	4979085	CHR3:4979085	SSF x Near_LoA	-10,2257135	0,015	0,311
CHR3	4979131	CHR3:4979131	SSF x Near_LoA	-8,66790052	-0,139	0,302
CHR3	4979132	CHR3:4979132	SSF x Near_LoA	-7,09693104	-0,150	0,314
CHR3	4979377	CHR3:4979377	SSF x Near_LoA	-9,75855719	-0,004	0,315
CHR3	4979385	CHR3:4979385	SSF x Near_LoA	-7,63424253	0,008	0,306
CHR3	4983705	CHR3:4983705	SSF x Near_LoA	-5,21197852	-0,087	0,310
CHR3	4983712	CHR3:4983712	SSF x Near_LoA	6,78812335	0,069	0,311
CHR3	4983719	CHR3:4983719	SSF x Near_LoA	-10,5482016	-0,104	0,313
CHR3	4984004	CHR3:4984004	SSF x Near_LoA	-10,0598546	-0,056	0,309
CHR3	5005610	CHR3:5005610	SSF x Near_LoA	-9,60461019	-0,027	0,303
CHR3	5005757	CHR3:5005757	SSF x Near_LoA	-8,91495799	-0,114	0,290
CHR3	5005770	CHR3:5005770	SSF x Near_LoA	-8,29801237	0,035	0,319
CHR3	5005771	CHR3:5005771	SSF x Near_LoA	-9,46171044	-0,030	0,307
CHR3	5006002	CHR3:5006002	SSF x Near_LoA	-10,0046639	-0,073	0,308
CHR3	5006013	CHR3:5006013	SSF x Near_LoA	-9,37361099	-0,023	0,298
CHR3	5009074	CHR3:5009074	SSF x Near_LoA	-6,4092043	0,008	0,306
CHR3	5009086	CHR3:5009086	SSF x Near_LoA	-9,35653544	0,061	0,306
CHR3	5009163	CHR3:5009163	SSF x Near_LoA	-9,88199475	0,048	0,298
CHR3	5009180	CHR3:5009180	SSF x Near_LoA	-11,6847994	-0,026	0,292
CHR3	5011793	CHR3:5011793	SSF x Near_LoA	-9,42577005	0,015	0,317
CHR3	5011814	CHR3:5011814	SSF x Near_LoA	-10,0909343	0,018	0,298
CHR3	5011816	CHR3:5011816	SSF x Near_LoA	-7,02788719	-0,071	0,318
CHR3	5011818	CHR3:5011818	SSF x Near_LoA	-12,200748	-0,027	0,304
CHR3	5011821	CHR3:5011821	SSF x Near_LoA	-9,89422164	-0,049	0,322
CHR3	5012020	CHR3:5012020	SSF x Near_LoA	-5,94069949	-0,125	0,295
CHR3	5012030	CHR3:5012030	SSF x Near_LoA	-9,17568431	-0,053	0,291
CHR3	50125	CHR3:50125	SSF x Near_LoA	-11,7130009	-0,040	0,303
CHR3	5019274	CHR3:5019274	SSF x Near_LoA	-11,2424698	0,034	0,311
CHR3	5019313	CHR3:5019313	SSF x Near_LoA	-8,05779103	-0,042	0,307
CHR3	5019378	CHR3:5019378	SSF x Near_LoA	-10,5297874	-0,069	0,297
CHR3	5019511	CHR3:5019511	SSF x Near_LoA	-5,76005702	-0,109	0,322
CHR3	5019553	CHR3:5019553	SSF x Near_LoA	-8,96808283	0,049	0,308
CHR3	5019571	CHR3:5019571	SSF x Near_LoA	-7,25638443	0,014	0,299
CHR3	50246	CHR3:50246	SSF x Near_LoA	-8,76132635	0,039	0,304
CHR3	5066670	CHR3:5066670	SSF x Near_LoA	-8,82509157	-0,089	0,317
CHR3	5066684	CHR3:5066684	SSF x Near_LoA	-9,26039835	-0,102	0,303
CHR3	5066726	CHR3:5066726	SSF x Near_LoA	-4,10528535	0,090	0,298
CHR3	5066729	CHR3:5066729	SSF x Near_LoA	-7,73788008	-0,101	0,294
CHR3	5073526	CHR3:5073526	SSF x Near_LoA	-8,92382101	-0,020	0,312

CHR3	5073624	CHR3:5073624	SSF x Near_LoA	-9,07154237	0,110	0,307
CHR3	5073811	CHR3:5073811	SSF x Near_LoA	-10,8488959	0,061	0,298
CHR3	5088290	CHR3:5088290	SSF x Near_LoA	-8,9064998	0,039	0,312
CHR3	5088294	CHR3:5088294	SSF x Near_LoA	-8,77333383	0,007	0,312
CHR3	5088337	CHR3:5088337	SSF x Near_LoA	-10,6009071	0,051	0,300
CHR3	5092312	CHR3:5092312	SSF x Near_LoA	-6,63847369	0,121	0,312
CHR3	5096388	CHR3:5096388	SSF x Near_LoA	-9,08596025	-0,062	0,301
CHR3	5097676	CHR3:5097676	SSF x Near_LoA	-10,4368233	-0,039	0,305
CHR3	5097711	CHR3:5097711	SSF x Near_LoA	-11,2264073	-0,002	0,304
CHR3	5097715	CHR3:5097715	SSF x Near_LoA	-7,46845224	-0,024	0,315
CHR3	5097755	CHR3:5097755	SSF x Near_LoA	-7,71300443	-0,202	0,313
CHR3	5097757	CHR3:5097757	SSF x Near_LoA	-8,71980833	0,059	0,303
CHR3	5097764	CHR3:5097764	SSF x Near_LoA	-8,22315179	0,073	0,308
CHR3	5097862	CHR3:5097862	SSF x Near_LoA	-10,151146	0,054	0,295
CHR3	5097946	CHR3:5097946	SSF x Near_LoA	-6,62943443	0,057	0,319
CHR3	5103648	CHR3:5103648	SSF x Near_LoA	-11,4972122	0,023	0,293
CHR3	5103652	CHR3:5103652	SSF x Near_LoA	-8,25399832	-0,158	0,296
CHR3	5105449	CHR3:5105449	SSF x Near_LoA	-10,0215113	-0,033	0,316
CHR3	5107446	CHR3:5107446	SSF x Near_LoA	-9,21465311	0,011	0,305
CHR3	5116301	CHR3:5116301	SSF x Near_LoA	-8,63885297	0,010	0,327
CHR3	5116314	CHR3:5116314	SSF x Near_LoA	-8,77055903	-0,047	0,309
CHR3	5116318	CHR3:5116318	SSF x Near_LoA	-10,2789776	0,052	0,309
CHR3	5116328	CHR3:5116328	SSF x Near_LoA	-10,5999381	0,050	0,307
CHR3	5116340	CHR3:5116340	SSF x Near_LoA	-10,7025658	-0,001	0,300
CHR3	5121472	CHR3:5121472	SSF x Near_LoA	-8,49778307	-0,059	0,318
CHR3	5127853	CHR3:5127853	SSF x Near_LoA	-7,61874795	0,020	0,307
CHR3	5127903	CHR3:5127903	SSF x Near_LoA	-9,41268212	-0,018	0,293
CHR3	5127962	CHR3:5127962	SSF x Near_LoA	-9,95396184	-0,040	0,321
CHR3	5127966	CHR3:5127966	SSF x Near_LoA	-10,5686868	-0,060	0,300
CHR3	5128013	CHR3:5128013	SSF x Near_LoA	-9,48387783	0,016	0,318
CHR3	5133197	CHR3:5133197	SSF x Near_LoA	-11,0394426	-0,141	0,312
CHR3	5133387	CHR3:5133387	SSF x Near_LoA	-10,2493575	0,066	0,320
CHR3	5134605	CHR3:5134605	SSF x Near_LoA	-8,41963426	0,083	0,305
CHR3	5134650	CHR3:5134650	SSF x Near_LoA	-10,6814201	0,095	0,310
CHR3	5144869	CHR3:5144869	SSF x Near_LoA	-10,0846936	0,006	0,301
CHR3	5145044	CHR3:5145044	SSF x Near_LoA	-8,67076396	0,027	0,304
CHR3	5145073	CHR3:5145073	SSF x Near_LoA	-11,177718	-0,068	0,304
CHR3	5145075	CHR3:5145075	SSF x Near_LoA	-10,3310069	-0,049	0,292
CHR3	5145168	CHR3:5145168	SSF x Near_LoA	-7,99632302	0,103	0,300
CHR3	5145169	CHR3:5145169	SSF x Near_LoA	-7,90066586	0,113	0,308
CHR3	5145275	CHR3:5145275	SSF x Near_LoA	-9,10207917	0,052	0,316
CHR3	5145284	CHR3:5145284	SSF x Near_LoA	-7,64414087	-0,026	0,323
CHR3	5154976	CHR3:5154976	SSF x Near_LoA	-5,73363845	-0,063	0,303
CHR3	5157507	CHR3:5157507	SSF x Near_LoA	-10,4897248	0,021	0,308
CHR3	5157517	CHR3:5157517	SSF x Near_LoA	-9,54266596	-0,047	0,296
CHR3	5157521	CHR3:5157521	SSF x Near_LoA	-9,50794423	-0,037	0,306
CHR3	517651	CHR3:517651	SSF x Near_LoA	-12,7301612	-0,022	0,285
CHR3	517672	CHR3:517672	SSF x Near_LoA	-9,03825393	0,010	0,306
CHR3	517693	CHR3:517693	SSF x Near_LoA	-8,71961889	0,128	0,315
CHR3	517754	CHR3:517754	SSF x Near_LoA	-7,67394205	0,127	0,305
CHR3	5178206	CHR3:5178206	SSF x Near_LoA	-6,95392012	-0,006	0,310
CHR3	5178315	CHR3:5178315	SSF x Near_LoA	-9,34863729	0,009	0,314
CHR3	5178328	CHR3:5178328	SSF x Near_LoA	-10,5807431	-0,042	0,315

CHR3	5178463	CHR3:5178463	SSF x Near_LoA	-10,8163859	-0,026	0,304
CHR3	5178491	CHR3:5178491	SSF x Near_LoA	-8,81246016	0,009	0,306
CHR3	517885	CHR3:517885	SSF x Near_LoA	-8,19513925	0,151	0,303
CHR3	5194150	CHR3:5194150	SSF x Near_LoA	-7,37882912	-0,105	0,312
CHR3	5194529	CHR3:5194529	SSF x Near_LoA	-11,6814743	0,066	0,304
CHR3	5194547	CHR3:5194547	SSF x Near_LoA	-6,73537824	-0,151	0,288
CHR3	5194553	CHR3:5194553	SSF x Near_LoA	-6,59655937	0,078	0,315
CHR3	5194601	CHR3:5194601	SSF x Near_LoA	-9,30024049	-0,045	0,308
CHR3	5194637	CHR3:5194637	SSF x Near_LoA	-7,19697463	-0,083	0,322
CHR3	5199030	CHR3:5199030	SSF x Near_LoA	-11,5144863	-0,047	0,288
CHR3	5205396	CHR3:5205396	SSF x Near_LoA	-6,30092651	-0,206	0,302
CHR3	5205401	CHR3:5205401	SSF x Near_LoA	-11,2233883	-0,033	0,309
CHR3	5205468	CHR3:5205468	SSF x Near_LoA	-9,78909379	-0,077	0,299
CHR3	5205469	CHR3:5205469	SSF x Near_LoA	-5,78003005	0,071	0,304
CHR3	5205471	CHR3:5205471	SSF x Near_LoA	0,10694351	0,071	0,314
CHR3	5205474	CHR3:5205474	SSF x Near_LoA	-7,49190261	-0,141	0,301
CHR3	5205497	CHR3:5205497	SSF x Near_LoA	-7,52109207	-0,024	0,317
CHR3	5206034	CHR3:5206034	SSF x Near_LoA	-7,71702849	0,070	0,312
CHR3	5206091	CHR3:5206091	SSF x Near_LoA	-3,15450326	0,008	0,318
CHR3	5206096	CHR3:5206096	SSF x Near_LoA	-8,51315417	0,123	0,309
CHR3	5231551	CHR3:5231551	SSF x Near_LoA	-7,72257342	-0,055	0,320
CHR3	5231649	CHR3:5231649	SSF x Near_LoA	-9,58806983	-0,113	0,306
CHR3	5231653	CHR3:5231653	SSF x Near_LoA	-11,1689564	-0,028	0,311
CHR3	5231734	CHR3:5231734	SSF x Near_LoA	-10,0311702	0,011	0,311
CHR3	5231806	CHR3:5231806	SSF x Near_LoA	-9,14186047	0,037	0,306
CHR3	5231834	CHR3:5231834	SSF x Near_LoA	-10,9338057	-0,070	0,302
CHR3	5231889	CHR3:5231889	SSF x Near_LoA	-10,4640383	-0,004	0,286
CHR3	5235005	CHR3:5235005	SSF x Near_LoA	-9,25428541	0,055	0,310
CHR3	5235143	CHR3:5235143	SSF x Near_LoA	-12,2400679	-0,078	0,292
CHR3	5235249	CHR3:5235249	SSF x Near_LoA	-6,16356481	0,048	0,311
CHR3	5235380	CHR3:5235380	SSF x Near_LoA	-10,6017769	0,011	0,305
CHR3	5242390	CHR3:5242390	SSF x Near_LoA	-10,2653015	-0,115	0,305
CHR3	5242445	CHR3:5242445	SSF x Near_LoA	-8,92085579	0,079	0,299
CHR3	5242461	CHR3:5242461	SSF x Near_LoA	-9,3226549	-0,060	0,310
CHR3	5242476	CHR3:5242476	SSF x Near_LoA	-6,20322184	-0,138	0,304
CHR3	5242534	CHR3:5242534	SSF x Near_LoA	-8,54946105	0,106	0,307
CHR3	5242569	CHR3:5242569	SSF x Near_LoA	-9,98247511	-0,029	0,323
CHR3	5242628	CHR3:5242628	SSF x Near_LoA	-7,92967186	-0,118	0,302
CHR3	5242663	CHR3:5242663	SSF x Near_LoA	-8,87560508	0,040	0,312
CHR3	5246511	CHR3:5246511	SSF x Near_LoA	-10,4025179	-0,073	0,295
CHR3	5246512	CHR3:5246512	SSF x Near_LoA	-8,72307522	0,080	0,311
CHR3	5246706	CHR3:5246706	SSF x Near_LoA	-11,2213335	-0,044	0,312
CHR3	5254455	CHR3:5254455	SSF x Near_LoA	-9,30283029	0,001	0,314
CHR3	5264497	CHR3:5264497	SSF x Near_LoA	-9,29486796	-0,014	0,310
CHR3	5264710	CHR3:5264710	SSF x Near_LoA	-10,3766976	0,027	0,295
CHR3	5264849	CHR3:5264849	SSF x Near_LoA	-10,4731877	-0,073	0,312
CHR3	5267928	CHR3:5267928	SSF x Near_LoA	-6,61814694	-0,104	0,310
CHR3	5268034	CHR3:5268034	SSF x Near_LoA	-7,55395571	-0,045	0,315
CHR3	5268038	CHR3:5268038	SSF x Near_LoA	-7,66345491	-0,059	0,324
CHR3	5279462	CHR3:5279462	SSF x Near_LoA	-9,96039408	-0,105	0,311
CHR3	5282301	CHR3:5282301	SSF x Near_LoA	-8,07550863	0,028	0,327
CHR3	5282325	CHR3:5282325	SSF x Near_LoA	-9,83885943	-0,156	0,307
CHR3	5282329	CHR3:5282329	SSF x Near_LoA	-8,48059243	-0,066	0,312

CHR3	5284324	CHR3:5284324	SSF x Near_LoA	-0,20022992	-0,062	0,310
CHR3	5295822	CHR3:5295822	SSF x Near_LoA	-9,97403441	-0,015	0,304
CHR3	5295864	CHR3:5295864	SSF x Near_LoA	-11,0831774	0,016	0,296
CHR3	531303	CHR3:531303	SSF x Near_LoA	-7,25265453	-0,192	0,304
CHR3	531433	CHR3:531433	SSF x Near_LoA	-9,49774087	0,003	0,311
CHR3	531443	CHR3:531443	SSF x Near_LoA	-8,37361766	-0,132	0,303
CHR3	531473	CHR3:531473	SSF x Near_LoA	-8,78766097	-0,077	0,317
CHR3	5327292	CHR3:5327292	SSF x Near_LoA	-9,83112358	0,040	0,321
CHR3	5327294	CHR3:5327294	SSF x Near_LoA	-10,6223727	0,122	0,292
CHR3	5327295	CHR3:5327295	SSF x Near_LoA	-8,43333481	-0,032	0,313
CHR3	5327369	CHR3:5327369	SSF x Near_LoA	-9,91770127	0,045	0,317
CHR3	5327374	CHR3:5327374	SSF x Near_LoA	-11,1089554	0,001	0,304
CHR3	5327432	CHR3:5327432	SSF x Near_LoA	-11,2451647	0,036	0,305
CHR3	5339093	CHR3:5339093	SSF x Near_LoA	-11,2730167	-0,118	0,300
CHR3	5339152	CHR3:5339152	SSF x Near_LoA	-8,48608469	0,177	0,296
CHR3	5339171	CHR3:5339171	SSF x Near_LoA	-11,4201099	-0,008	0,295
CHR3	5341487	CHR3:5341487	SSF x Near_LoA	-9,73271269	-0,107	0,304
CHR3	5341553	CHR3:5341553	SSF x Near_LoA	-9,39431321	-0,067	0,291
CHR3	5341561	CHR3:5341561	SSF x Near_LoA	-8,12588461	0,068	0,316
CHR3	5341566	CHR3:5341566	SSF x Near_LoA	-6,30210201	0,120	0,307
CHR3	5341577	CHR3:5341577	SSF x Near_LoA	-8,11840849	-0,046	0,310
CHR3	5341604	CHR3:5341604	SSF x Near_LoA	-9,98342111	-0,052	0,307
CHR3	5341629	CHR3:5341629	SSF x Near_LoA	-9,38994315	-0,023	0,301
CHR3	5341770	CHR3:5341770	SSF x Near_LoA	-11,1119234	-0,076	0,312
CHR3	5351224	CHR3:5351224	SSF x Near_LoA	-9,1988372	-0,003	0,298
CHR3	5351354	CHR3:5351354	SSF x Near_LoA	-9,34914847	-0,097	0,317
CHR3	5356193	CHR3:5356193	SSF x Near_LoA	-11,4362447	-0,030	0,309
CHR3	5356323	CHR3:5356323	SSF x Near_LoA	-10,8753633	-0,032	0,305
CHR3	5356386	CHR3:5356386	SSF x Near_LoA	-6,58726768	-0,146	0,317
CHR3	536131	CHR3:536131	SSF x Near_LoA	-11,1606174	0,090	0,301
CHR3	5364025	CHR3:5364025	SSF x Near_LoA	-7,07281774	0,109	0,305
CHR3	5411003	CHR3:5411003	SSF x Near_LoA	-10,6210816	-0,034	0,311
CHR3	5411044	CHR3:5411044	SSF x Near_LoA	-6,77795317	0,202	0,289
CHR3	545400	CHR3:545400	SSF x Near_LoA	-10,3175331	-0,017	0,306
CHR3	5461502	CHR3:5461502	SSF x Near_LoA	-7,72665165	0,086	0,305
CHR3	5461544	CHR3:5461544	SSF x Near_LoA	-11,0309941	-0,043	0,310
CHR3	5461567	CHR3:5461567	SSF x Near_LoA	-10,6639242	0,065	0,306
CHR3	5461614	CHR3:5461614	SSF x Near_LoA	-8,78422783	-0,070	0,299
CHR3	5461615	CHR3:5461615	SSF x Near_LoA	-4,85768807	-0,164	0,301
CHR3	5470994	CHR3:5470994	SSF x Near_LoA	-10,6272143	-0,018	0,304
CHR3	5471014	CHR3:5471014	SSF x Near_LoA	-7,13472675	-0,089	0,310
CHR3	5471019	CHR3:5471019	SSF x Near_LoA	-9,0273657	-0,008	0,313
CHR3	5471057	CHR3:5471057	SSF x Near_LoA	-10,6795709	0,037	0,302
CHR3	5471067	CHR3:5471067	SSF x Near_LoA	-8,23044989	-0,074	0,309
CHR3	5471074	CHR3:5471074	SSF x Near_LoA	-10,2462469	0,009	0,294
CHR3	5471079	CHR3:5471079	SSF x Near_LoA	-8,67019873	0,046	0,308
CHR3	5471139	CHR3:5471139	SSF x Near_LoA	-8,50619488	0,047	0,307
CHR3	5478594	CHR3:5478594	SSF x Near_LoA	-8,04352146	0,035	0,306
CHR3	5493596	CHR3:5493596	SSF x Near_LoA	-8,64093489	-0,047	0,312
CHR3	5493650	CHR3:5493650	SSF x Near_LoA	-11,675768	0,059	0,301
CHR3	5496390	CHR3:5496390	SSF x Near_LoA	-10,3587022	0,027	0,312
CHR3	5496419	CHR3:5496419	SSF x Near_LoA	-10,0211943	-0,002	0,303
CHR3	5496440	CHR3:5496440	SSF x Near_LoA	-8,47407266	0,055	0,303

CHR3	5496502	CHR3:5496502	SSF x Near_LoA	-9,71401582	-0,035	0,290
CHR3	5496505	CHR3:5496505	SSF x Near_LoA	-11,5688825	-0,008	0,309
CHR3	5496600	CHR3:5496600	SSF x Near_LoA	-10,2498694	0,017	0,311
CHR3	5500050	CHR3:5500050	SSF x Near_LoA	-9,95857542	0,046	0,311
CHR3	5500056	CHR3:5500056	SSF x Near_LoA	-7,41328799	-0,043	0,308
CHR3	5500114	CHR3:5500114	SSF x Near_LoA	-8,1322384	0,063	0,303
CHR3	5501640	CHR3:5501640	SSF x Near_LoA	-10,1724318	0,030	0,304
CHR3	5509840	CHR3:5509840	SSF x Near_LoA	-6,84564882	-0,096	0,304
CHR3	5509871	CHR3:5509871	SSF x Near_LoA	-9,38233008	0,057	0,321
CHR3	5509892	CHR3:5509892	SSF x Near_LoA	-5,49871065	0,064	0,316
CHR3	5509948	CHR3:5509948	SSF x Near_LoA	-8,47494003	-0,154	0,299
CHR3	5509950	CHR3:5509950	SSF x Near_LoA	-9,68964365	0,047	0,309
CHR3	5509996	CHR3:5509996	SSF x Near_LoA	-7,66905157	0,064	0,323
CHR3	5510019	CHR3:5510019	SSF x Near_LoA	-7,90799921	-0,074	0,319
CHR3	5510020	CHR3:5510020	SSF x Near_LoA	-7,83078902	-0,067	0,307
CHR3	5510074	CHR3:5510074	SSF x Near_LoA	-7,13091748	0,078	0,303
CHR3	5517668	CHR3:5517668	SSF x Near_LoA	-11,765565	-0,002	0,309
CHR3	5517738	CHR3:5517738	SSF x Near_LoA	-10,2184745	0,036	0,306
CHR3	5526258	CHR3:5526258	SSF x Near_LoA	-6,31444451	-0,055	0,315
CHR3	5526350	CHR3:5526350	SSF x Near_LoA	-6,20554878	0,087	0,316
CHR3	5526403	CHR3:5526403	SSF x Near_LoA	-7,39175227	0,135	0,295
CHR3	5528473	CHR3:5528473	SSF x Near_LoA	-11,5561291	-0,051	0,310
CHR3	5528773	CHR3:5528773	SSF x Near_LoA	-11,0554565	0,045	0,326
CHR3	5528784	CHR3:5528784	SSF x Near_LoA	-7,86352476	-0,100	0,315
CHR3	5533754	CHR3:5533754	SSF x Near_LoA	-1,9050346	-0,100	0,311
CHR3	5538562	CHR3:5538562	SSF x Near_LoA	-8,79177471	0,082	0,300
CHR3	5538593	CHR3:5538593	SSF x Near_LoA	-9,77660687	0,036	0,309
CHR3	5538642	CHR3:5538642	SSF x Near_LoA	-10,9938188	0,008	0,313
CHR3	5538784	CHR3:5538784	SSF x Near_LoA	-6,79004176	-0,124	0,302
CHR3	555136	CHR3:555136	SSF x Near_LoA	-9,85407663	-0,068	0,298
CHR3	555194	CHR3:555194	SSF x Near_LoA	-9,88227054	-0,099	0,323
CHR3	5556206	CHR3:5556206	SSF x Near_LoA	-8,86991693	0,037	0,315
CHR3	5556220	CHR3:5556220	SSF x Near_LoA	-9,54437801	-0,048	0,305
CHR3	5556224	CHR3:5556224	SSF x Near_LoA	-11,4765664	-0,010	0,299
CHR3	5556295	CHR3:5556295	SSF x Near_LoA	-9,02236733	0,055	0,320
CHR3	5556351	CHR3:5556351	SSF x Near_LoA	-10,6518615	-0,010	0,305
CHR3	5556366	CHR3:5556366	SSF x Near_LoA	-6,97608332	0,037	0,322
CHR3	5556383	CHR3:5556383	SSF x Near_LoA	-11,7660404	-0,023	0,316
CHR3	5556405	CHR3:5556405	SSF x Near_LoA	-10,800704	-0,110	0,298
CHR3	5556410	CHR3:5556410	SSF x Near_LoA	-9,63927361	0,026	0,306
CHR3	556621	CHR3:556621	SSF x Near_LoA	-9,83780896	-0,071	0,299
CHR3	556724	CHR3:556724	SSF x Near_LoA	-8,91564991	-0,015	0,292
CHR3	5567907	CHR3:5567907	SSF x Near_LoA	-11,3968926	-0,043	0,298
CHR3	5567959	CHR3:5567959	SSF x Near_LoA	-11,1522578	-0,054	0,312
CHR3	5568026	CHR3:5568026	SSF x Near_LoA	0,02318996	0,016	0,324
CHR3	556805	CHR3:556805	SSF x Near_LoA	-8,87476725	-0,022	0,312
CHR3	5568056	CHR3:5568056	SSF x Near_LoA	-7,9590397	0,144	0,303
CHR3	556842	CHR3:556842	SSF x Near_LoA	-11,3226217	-0,034	0,289
CHR3	5571542	CHR3:5571542	SSF x Near_LoA	11,643776	-0,007	0,314
CHR3	5571576	CHR3:5571576	SSF x Near_LoA	-10,6875553	0,031	0,311
CHR3	5571577	CHR3:5571577	SSF x Near_LoA	-9,4252031	0,063	0,318
CHR3	5571648	CHR3:5571648	SSF x Near_LoA	-7,79403658	-0,165	0,311
CHR3	5571672	CHR3:5571672	SSF x Near_LoA	-9,3764969	0,048	0,289

CHR3	5571683	CHR3:5571683	SSF x Near_LoA	-10,5817752	-0,125	0,317
CHR3	5571700	CHR3:5571700	SSF x Near_LoA	-7,77605547	-0,028	0,302
CHR3	5571755	CHR3:5571755	SSF x Near_LoA	-9,75433781	0,144	0,312
CHR3	5576577	CHR3:5576577	SSF x Near_LoA	-8,18366971	0,049	0,311
CHR3	5576615	CHR3:5576615	SSF x Near_LoA	-7,56759373	0,169	0,292
CHR3	5576707	CHR3:5576707	SSF x Near_LoA	-10,3042992	-0,093	0,298
CHR3	5578092	CHR3:5578092	SSF x Near_LoA	-6,55061727	-0,112	0,303
CHR3	5578186	CHR3:5578186	SSF x Near_LoA	-9,19431564	-0,028	0,306
CHR3	5578197	CHR3:5578197	SSF x Near_LoA	-9,30595151	-0,062	0,319
CHR3	5578248	CHR3:5578248	SSF x Near_LoA	-5,93444531	-0,010	0,308
CHR3	5578282	CHR3:5578282	SSF x Near_LoA	-6,42310718	0,061	0,306
CHR3	5578304	CHR3:5578304	SSF x Near_LoA	-10,2496476	-0,028	0,315
CHR3	5598270	CHR3:5598270	SSF x Near_LoA	-9,06979561	-0,113	0,298
CHR3	5598325	CHR3:5598325	SSF x Near_LoA	-5,89321924	-0,094	0,298
CHR3	5601990	CHR3:5601990	SSF x Near_LoA	-6,44884706	-0,182	0,299
CHR3	5606944	CHR3:5606944	SSF x Near_LoA	-12,1090489	-0,032	0,310
CHR3	5606972	CHR3:5606972	SSF x Near_LoA	-7,77886279	0,151	0,294
CHR3	5606974	CHR3:5606974	SSF x Near_LoA	-10,607298	0,088	0,294
CHR3	5606984	CHR3:5606984	SSF x Near_LoA	-8,28955042	0,045	0,311
CHR3	5606997	CHR3:5606997	SSF x Near_LoA	-9,39384569	-0,007	0,315
CHR3	5607021	CHR3:5607021	SSF x Near_LoA	-8,95960919	-0,061	0,302
CHR3	5607027	CHR3:5607027	SSF x Near_LoA	-7,85079781	0,015	0,317
CHR3	5607043	CHR3:5607043	SSF x Near_LoA	-7,44150794	0,189	0,292
CHR3	5607073	CHR3:5607073	SSF x Near_LoA	-9,87010153	0,038	0,297
CHR3	5607152	CHR3:5607152	SSF x Near_LoA	-8,15208843	0,093	0,311
CHR3	5607176	CHR3:5607176	SSF x Near_LoA	-10,5131111	-0,040	0,305
CHR3	5607180	CHR3:5607180	SSF x Near_LoA	-9,32980647	-0,049	0,312
CHR3	5614294	CHR3:5614294	SSF x Near_LoA	5,83620523	0,146	0,310
CHR3	5614355	CHR3:5614355	SSF x Near_LoA	-8,80995814	0,060	0,301
CHR3	5619545	CHR3:5619545	SSF x Near_LoA	-10,1847453	-0,013	0,308
CHR3	5619624	CHR3:5619624	SSF x Near_LoA	-9,20663648	-0,025	0,309
CHR3	5623065	CHR3:5623065	SSF x Near_LoA	-10,3973071	-0,043	0,289
CHR3	5623094	CHR3:5623094	SSF x Near_LoA	-11,2565668	0,010	0,302
CHR3	5623141	CHR3:5623141	SSF x Near_LoA	-9,05934896	0,052	0,286
CHR3	5638064	CHR3:5638064	SSF x Near_LoA	-10,3731034	-0,090	0,305
CHR3	5638069	CHR3:5638069	SSF x Near_LoA	-10,4154872	-0,128	0,311
CHR3	5638178	CHR3:5638178	SSF x Near_LoA	-10,5466312	0,053	0,318
CHR3	5638244	CHR3:5638244	SSF x Near_LoA	-8,52760011	-0,032	0,307
CHR3	5638251	CHR3:5638251	SSF x Near_LoA	-8,74784625	0,031	0,316
CHR3	5638288	CHR3:5638288	SSF x Near_LoA	-11,1878134	0,017	0,306
CHR3	5638320	CHR3:5638320	SSF x Near_LoA	-5,11542732	-0,044	0,314
CHR3	564213	CHR3:564213	SSF x Near_LoA	-10,5707488	-0,093	0,311
CHR3	564294	CHR3:564294	SSF x Near_LoA	-9,3730993	0,007	0,310
CHR3	564315	CHR3:564315	SSF x Near_LoA	-9,09739927	0,027	0,310
CHR3	5645863	CHR3:5645863	SSF x Near_LoA	-8,32574174	0,014	0,304
CHR3	5648091	CHR3:5648091	SSF x Near_LoA	-8,36905837	-0,022	0,312
CHR3	5661179	CHR3:5661179	SSF x Near_LoA	-11,6439659	0,078	0,306
CHR3	5661200	CHR3:5661200	SSF x Near_LoA	-9,74454677	0,074	0,310
CHR3	5661202	CHR3:5661202	SSF x Near_LoA	-8,23986288	0,075	0,302
CHR3	5672039	CHR3:5672039	SSF x Near_LoA	-9,03083209	0,071	0,295
CHR3	5672048	CHR3:5672048	SSF x Near_LoA	-5,82617868	0,054	0,304
CHR3	5672222	CHR3:5672222	SSF x Near_LoA	-8,00491051	-0,013	0,306
CHR3	5688165	CHR3:5688165	SSF x Near_LoA	-10,3730925	-0,066	0,310

CHR3	5688233	CHR3:5688233	SSF x Near_LoA	-10,0636515	-0,035	0,306
CHR3	5688292	CHR3:5688292	SSF x Near_LoA	-8,0281019	-0,119	0,308
CHR3	5689134	CHR3:5689134	SSF x Near_LoA	-8,65320069	-0,082	0,317
CHR3	5689138	CHR3:5689138	SSF x Near_LoA	-9,0642786	-0,071	0,308
CHR3	5692500	CHR3:5692500	SSF x Near_LoA	-11,0058047	-0,007	0,293
CHR3	5703565	CHR3:5703565	SSF x Near_LoA	-8,94673957	0,009	0,315
CHR3	5711293	CHR3:5711293	SSF x Near_LoA	-10,7039583	0,125	0,282
CHR3	5711786	CHR3:5711786	SSF x Near_LoA	-7,82749492	0,140	0,290
CHR3	5711887	CHR3:5711887	SSF x Near_LoA	-7,70668537	-0,086	0,313
CHR3	571934	CHR3:571934	SSF x Near_LoA	-9,30002277	-0,099	0,331
CHR3	5734198	CHR3:5734198	SSF x Near_LoA	-8,22109384	0,069	0,313
CHR3	5737358	CHR3:5737358	SSF x Near_LoA	-11,7317287	-0,043	0,291
CHR3	5740408	CHR3:5740408	SSF x Near_LoA	2,0171781	-0,173	0,308
CHR3	5740486	CHR3:5740486	SSF x Near_LoA	-9,97114837	0,082	0,308
CHR3	5740496	CHR3:5740496	SSF x Near_LoA	-0,31908012	0,068	0,314
CHR3	5740517	CHR3:5740517	SSF x Near_LoA	-9,93368686	0,055	0,304
CHR3	5746460	CHR3:5746460	SSF x Near_LoA	-8,52838059	-0,050	0,313
CHR3	5746617	CHR3:5746617	SSF x Near_LoA	-11,1683761	-0,044	0,315
CHR3	5748897	CHR3:5748897	SSF x Near_LoA	-7,14560766	-0,048	0,328
CHR3	5748908	CHR3:5748908	SSF x Near_LoA	-9,97191915	0,019	0,310
CHR3	5749416	CHR3:5749416	SSF x Near_LoA	-8,1356993	0,048	0,301
CHR3	5749417	CHR3:5749417	SSF x Near_LoA	-10,4461582	-0,078	0,297
CHR3	5755175	CHR3:5755175	SSF x Near_LoA	-9,04554403	0,080	0,318
CHR3	5755440	CHR3:5755440	SSF x Near_LoA	-10,0762502	0,001	0,298
CHR3	5764657	CHR3:5764657	SSF x Near_LoA	-9,4988685	-0,061	0,307
CHR3	5764672	CHR3:5764672	SSF x Near_LoA	-10,3929723	-0,066	0,304
CHR3	5764712	CHR3:5764712	SSF x Near_LoA	-9,90022024	0,009	0,304
CHR3	5764729	CHR3:5764729	SSF x Near_LoA	-11,4091717	0,040	0,310
CHR3	5764736	CHR3:5764736	SSF x Near_LoA	-10,2276262	0,008	0,321
CHR3	5764921	CHR3:5764921	SSF x Near_LoA	-11,3698711	-0,048	0,308
CHR3	5768900	CHR3:5768900	SSF x Near_LoA	-11,1674605	0,003	0,306
CHR3	5768987	CHR3:5768987	SSF x Near_LoA	-10,4923268	0,087	0,321
CHR3	5769030	CHR3:5769030	SSF x Near_LoA	-9,52034496	0,010	0,321
CHR3	5769053	CHR3:5769053	SSF x Near_LoA	-5,5842779	0,098	0,303
CHR3	5769065	CHR3:5769065	SSF x Near_LoA	-7,71754854	-0,022	0,323
CHR3	5769103	CHR3:5769103	SSF x Near_LoA	-10,5250981	0,010	0,311
CHR3	5769109	CHR3:5769109	SSF x Near_LoA	-9,04419019	-0,056	0,321
CHR3	5769118	CHR3:5769118	SSF x Near_LoA	-7,19324449	-0,029	0,307
CHR3	5770989	CHR3:5770989	SSF x Near_LoA	-10,176612	0,021	0,296
CHR3	5771025	CHR3:5771025	SSF x Near_LoA	-10,68859	0,068	0,320
CHR3	5774100	CHR3:5774100	SSF x Near_LoA	-11,0711953	0,009	0,299
CHR3	5774133	CHR3:5774133	SSF x Near_LoA	-8,1677386	-0,046	0,308
CHR3	5774275	CHR3:5774275	SSF x Near_LoA	-10,6054245	0,095	0,305
CHR3	5774314	CHR3:5774314	SSF x Near_LoA	-9,71342418	0,015	0,306
CHR3	5774404	CHR3:5774404	SSF x Near_LoA	-11,1095393	0,066	0,308
CHR3	5785692	CHR3:5785692	SSF x Near_LoA	-10,3051823	-0,016	0,309
CHR3	5785738	CHR3:5785738	SSF x Near_LoA	-9,98493144	0,100	0,288
CHR3	5785990	CHR3:5785990	SSF x Near_LoA	-8,13218662	-0,049	0,306
CHR3	5790065	CHR3:5790065	SSF x Near_LoA	-10,9922464	0,091	0,302
CHR3	5790078	CHR3:5790078	SSF x Near_LoA	-8,56100216	-0,001	0,307
CHR3	5790159	CHR3:5790159	SSF x Near_LoA	-10,4531157	-0,004	0,303
CHR3	5808250	CHR3:5808250	SSF x Near_LoA	-4,8644172	0,091	0,316
CHR3	5808397	CHR3:5808397	SSF x Near_LoA	-8,62785046	0,158	0,298

CHR3	5816527	CHR3:5816527	SSF x Near_LoA	-8,46287419	-0,076	0,297
CHR3	5817414	CHR3:5817414	SSF x Near_LoA	-1,92606582	0,008	0,311
CHR3	5817418	CHR3:5817418	SSF x Near_LoA	-8,80356373	0,028	0,311
CHR3	5817463	CHR3:5817463	SSF x Near_LoA	-5,98024743	0,077	0,303
CHR3	5817509	CHR3:5817509	SSF x Near_LoA	-9,40222379	-0,035	0,299
CHR3	5817567	CHR3:5817567	SSF x Near_LoA	-9,34389717	-0,053	0,304
CHR3	5817569	CHR3:5817569	SSF x Near_LoA	-5,19697641	0,068	0,307
CHR3	5828291	CHR3:5828291	SSF x Near_LoA	-10,0100035	0,027	0,315
CHR3	5837111	CHR3:5837111	SSF x Near_LoA	-8,79871391	-0,093	0,319
CHR3	5837126	CHR3:5837126	SSF x Near_LoA	-9,7122387	-0,097	0,293
CHR3	5837131	CHR3:5837131	SSF x Near_LoA	-9,68784414	-0,059	0,294
CHR3	5837173	CHR3:5837173	SSF x Near_LoA	-9,86402645	-0,050	0,313
CHR3	5837232	CHR3:5837232	SSF x Near_LoA	-7,33965075	-0,112	0,308
CHR3	5840361	CHR3:5840361	SSF x Near_LoA	-10,1103191	-0,013	0,302
CHR3	5840577	CHR3:5840577	SSF x Near_LoA	-7,52643399	-0,014	0,312
CHR3	5844137	CHR3:5844137	SSF x Near_LoA	-10,0244515	0,028	0,298
CHR3	5844161	CHR3:5844161	SSF x Near_LoA	-9,59726652	0,010	0,280
CHR3	5844197	CHR3:5844197	SSF x Near_LoA	-8,67087412	-0,073	0,291
CHR3	5844199	CHR3:5844199	SSF x Near_LoA	-9,18247207	0,036	0,282
CHR3	5844219	CHR3:5844219	SSF x Near_LoA	-7,49748745	0,068	0,305
CHR3	5844264	CHR3:5844264	SSF x Near_LoA	-9,6353732	0,053	0,299
CHR3	5851146	CHR3:5851146	SSF x Near_LoA	-9,93286673	-0,050	0,313
CHR3	5851226	CHR3:5851226	SSF x Near_LoA	-11,7092493	0,002	0,304
CHR3	5853685	CHR3:5853685	SSF x Near_LoA	-9,70378363	0,101	0,297
CHR3	5853743	CHR3:5853743	SSF x Near_LoA	-10,380472	-0,030	0,311
CHR3	5857529	CHR3:5857529	SSF x Near_LoA	-8,205216	-0,092	0,309
CHR3	5878893	CHR3:5878893	SSF x Near_LoA	-10,1671863	-0,036	0,307
CHR3	5878911	CHR3:5878911	SSF x Near_LoA	-10,0754025	-0,060	0,291
CHR3	5880046	CHR3:5880046	SSF x Near_LoA	-9,38415959	0,062	0,312
CHR3	588372	CHR3:588372	SSF x Near_LoA	-10,3546264	0,101	0,312
CHR3	588401	CHR3:588401	SSF x Near_LoA	-7,17472528	0,051	0,305
CHR3	5900201	CHR3:5900201	SSF x Near_LoA	-8,66686917	-0,088	0,298
CHR3	5908986	CHR3:5908986	SSF x Near_LoA	-9,55946988	-0,064	0,298
CHR3	5912450	CHR3:5912450	SSF x Near_LoA	-10,1233001	-0,067	0,316
CHR3	5912564	CHR3:5912564	SSF x Near_LoA	-10,3961123	0,014	0,314
CHR3	5912630	CHR3:5912630	SSF x Near_LoA	-7,45915141	0,040	0,313
CHR3	5916853	CHR3:5916853	SSF x Near_LoA	-8,88455409	0,140	0,305
CHR3	5916908	CHR3:5916908	SSF x Near_LoA	-10,8329523	-0,041	0,292
CHR3	5924654	CHR3:5924654	SSF x Near_LoA	-8,66850211	-0,014	0,284
CHR3	5924719	CHR3:5924719	SSF x Near_LoA	2,73948403	-0,102	0,295
CHR3	5924739	CHR3:5924739	SSF x Near_LoA	-9,00371208	-0,034	0,312
CHR3	5931507	CHR3:5931507	SSF x Near_LoA	-9,15552962	-0,178	0,303
CHR3	5931570	CHR3:5931570	SSF x Near_LoA	-4,27372321	0,067	0,310
CHR3	5931755	CHR3:5931755	SSF x Near_LoA	-9,21351954	-0,010	0,298
CHR3	5931798	CHR3:5931798	SSF x Near_LoA	-7,92054549	-0,031	0,311
CHR3	5937528	CHR3:5937528	SSF x Near_LoA	-7,9304289	-0,119	0,317
CHR3	5939287	CHR3:5939287	SSF x Near_LoA	-5,09338296	0,137	0,292
CHR3	5942084	CHR3:5942084	SSF x Near_LoA	-4,30559248	0,274	0,269
CHR3	5942091	CHR3:5942091	SSF x Near_LoA	-12,579548	0,012	0,297
CHR3	5942137	CHR3:5942137	SSF x Near_LoA	-11,7686742	0,013	0,298
CHR3	5942198	CHR3:5942198	SSF x Near_LoA	-9,85449594	0,062	0,300
CHR3	5942235	CHR3:5942235	SSF x Near_LoA	-7,12955127	-0,019	0,297
CHR3	5942265	CHR3:5942265	SSF x Near_LoA	-8,42289417	0,099	0,312

CHR3	5954472	CHR3:5954472	SSF x Near_LoA	-10,2079911	0,153	0,301
CHR3	5958735	CHR3:5958735	SSF x Near_LoA	-2,23819685	0,230	0,287
CHR3	5958784	CHR3:5958784	SSF x Near_LoA	-9,6405252	-0,087	0,314
CHR3	5958899	CHR3:5958899	SSF x Near_LoA	-11,236709	0,017	0,306
CHR3	5958933	CHR3:5958933	SSF x Near_LoA	-5,96522715	-0,122	0,297
CHR3	5958942	CHR3:5958942	SSF x Near_LoA	-6,39924785	-0,053	0,321
CHR3	5962710	CHR3:5962710	SSF x Near_LoA	-8,68823476	-0,037	0,313
CHR3	5962761	CHR3:5962761	SSF x Near_LoA	-10,577808	-0,029	0,302
CHR3	5962792	CHR3:5962792	SSF x Near_LoA	-8,42939062	0,003	0,305
CHR3	5962848	CHR3:5962848	SSF x Near_LoA	-9,29130143	-0,023	0,306
CHR3	5962858	CHR3:5962858	SSF x Near_LoA	-9,2843507	-0,026	0,299
CHR3	596503	CHR3:596503	SSF x Near_LoA	-9,12879137	-0,010	0,313
CHR3	596568	CHR3:596568	SSF x Near_LoA	-9,4173888	0,143	0,315
CHR3	596580	CHR3:596580	SSF x Near_LoA	-7,6471621	0,065	0,308
CHR3	597363	CHR3:597363	SSF x Near_LoA	-8,73278966	0,006	0,303
CHR3	597370	CHR3:597370	SSF x Near_LoA	-9,08956162	0,015	0,319
CHR3	597381	CHR3:597381	SSF x Near_LoA	-9,46987104	0,041	0,314
CHR3	5978921	CHR3:5978921	SSF x Near_LoA	-9,06024801	-0,062	0,316
CHR3	5983041	CHR3:5983041	SSF x Near_LoA	-8,92836407	-0,080	0,304
CHR3	5983147	CHR3:5983147	SSF x Near_LoA	-8,17307467	0,115	0,297
CHR3	5983196	CHR3:5983196	SSF x Near_LoA	-8,44786317	-0,011	0,319
CHR3	5984348	CHR3:5984348	SSF x Near_LoA	-5,58847212	-0,157	0,314
CHR3	5995759	CHR3:5995759	SSF x Near_LoA	-10,893794	0,035	0,316
CHR3	5995789	CHR3:5995789	SSF x Near_LoA	-8,87153782	0,032	0,312
CHR3	5995909	CHR3:5995909	SSF x Near_LoA	-8,563889	-0,104	0,303
CHR3	6007500	CHR3:6007500	SSF x Near_LoA	-10,0407265	-0,047	0,308
CHR3	6007596	CHR3:6007596	SSF x Near_LoA	-8,81702019	-0,071	0,315
CHR3	6009501	CHR3:6009501	SSF x Near_LoA	-7,75480942	-0,020	0,301
CHR3	6012204	CHR3:6012204	SSF x Near_LoA	-9,01057561	-0,096	0,305
CHR3	6012279	CHR3:6012279	SSF x Near_LoA	-9,84708443	-0,082	0,319
CHR3	6012297	CHR3:6012297	SSF x Near_LoA	-4,54834154	-0,080	0,296
CHR3	6012336	CHR3:6012336	SSF x Near_LoA	-8,6342312	-0,067	0,314
CHR3	6013313	CHR3:6013313	SSF x Near_LoA	-9,37011038	-0,058	0,310
CHR3	6013325	CHR3:6013325	SSF x Near_LoA	-8,74594081	0,077	0,308
CHR3	6013355	CHR3:6013355	SSF x Near_LoA	-9,02395818	-0,112	0,299
CHR3	606650	CHR3:606650	SSF x Near_LoA	-8,91724733	-0,121	0,293
CHR3	6066703	CHR3:6066703	SSF x Near_LoA	-8,26324863	-0,007	0,322
CHR3	6066711	CHR3:6066711	SSF x Near_LoA	-8,48016261	-0,023	0,320
CHR3	6066805	CHR3:6066805	SSF x Near_LoA	-8,5771059	-0,004	0,303
CHR3	6066817	CHR3:6066817	SSF x Near_LoA	-8,17070923	0,140	0,295
CHR3	6066879	CHR3:6066879	SSF x Near_LoA	-9,6227201	0,084	0,294
CHR3	6066962	CHR3:6066962	SSF x Near_LoA	-8,18722966	-0,033	0,288
CHR3	6067002	CHR3:6067002	SSF x Near_LoA	-8,28149467	-0,064	0,312
CHR3	6091820	CHR3:6091820	SSF x Near_LoA	-8,07000736	-0,006	0,305
CHR3	6099148	CHR3:6099148	SSF x Near_LoA	-4,81475164	-0,150	0,295
CHR3	6099205	CHR3:6099205	SSF x Near_LoA	-5,76634888	-0,179	0,299
CHR3	6099231	CHR3:6099231	SSF x Near_LoA	-8,70524132	0,085	0,315
CHR3	6099237	CHR3:6099237	SSF x Near_LoA	-4,25289972	0,018	0,304
CHR3	6100974	CHR3:6100974	SSF x Near_LoA	-11,3644432	0,073	0,299
CHR3	6101014	CHR3:6101014	SSF x Near_LoA	-8,11632075	0,082	0,301
CHR3	6120960	CHR3:6120960	SSF x Near_LoA	-7,07987536	0,124	0,302
CHR3	614333	CHR3:614333	SSF x Near_LoA	-10,0160895	0,093	0,303
CHR3	614349	CHR3:614349	SSF x Near_LoA	-6,29812863	-0,102	0,298

CHR3	615513	CHR3:615513	SSF x Near_LoA	-10,1568668	0,001	0,293
CHR3	6201010	CHR3:6201010	SSF x Near_LoA	-11,5757306	-0,082	0,313
CHR3	6205580	CHR3:6205580	SSF x Near_LoA	-9,67060631	0,146	0,302
CHR3	6209332	CHR3:6209332	SSF x Near_LoA	-8,36824278	-0,050	0,309
CHR3	6209413	CHR3:6209413	SSF x Near_LoA	-9,18096939	0,004	0,285
CHR3	6213195	CHR3:6213195	SSF x Near_LoA	-9,89407316	-0,130	0,307
CHR3	6213238	CHR3:6213238	SSF x Near_LoA	-9,30534046	-0,036	0,310
CHR3	6213273	CHR3:6213273	SSF x Near_LoA	-9,66037784	0,080	0,299
CHR3	6213295	CHR3:6213295	SSF x Near_LoA	-8,45328647	-0,120	0,307
CHR3	6223113	CHR3:6223113	SSF x Near_LoA	-10,3644426	0,022	0,307
CHR3	6225866	CHR3:6225866	SSF x Near_LoA	-10,4529519	0,133	0,291
CHR3	6225987	CHR3:6225987	SSF x Near_LoA	-9,21391225	-0,148	0,295
CHR3	6231997	CHR3:6231997	SSF x Near_LoA	-10,7438066	-0,017	0,308
CHR3	6232023	CHR3:6232023	SSF x Near_LoA	-8,67024565	0,087	0,301
CHR3	6246224	CHR3:6246224	SSF x Near_LoA	-11,4997399	-0,022	0,305
CHR3	6246481	CHR3:6246481	SSF x Near_LoA	-9,51875999	0,016	0,314
CHR3	6247446	CHR3:6247446	SSF x Near_LoA	-8,23678775	-0,022	0,307
CHR3	6254007	CHR3:6254007	SSF x Near_LoA	-1,81396256	-0,035	0,288
CHR3	6254017	CHR3:6254017	SSF x Near_LoA	-11,6199454	0,015	0,301
CHR3	6254022	CHR3:6254022	SSF x Near_LoA	-11,6100855	0,006	0,304
CHR3	6254113	CHR3:6254113	SSF x Near_LoA	-8,13507381	0,039	0,302
CHR3	6261807	CHR3:6261807	SSF x Near_LoA	-9,80841041	0,001	0,296
CHR3	626456	CHR3:626456	SSF x Near_LoA	5,063804	0,092	0,307
CHR3	626473	CHR3:626473	SSF x Near_LoA	-9,35795772	0,001	0,309
CHR3	626534	CHR3:626534	SSF x Near_LoA	-9,30808051	0,041	0,305
CHR3	626562	CHR3:626562	SSF x Near_LoA	-10,0141838	0,019	0,298
CHR3	626579	CHR3:626579	SSF x Near_LoA	-10,1981046	0,032	0,302
CHR3	6277792	CHR3:6277792	SSF x Near_LoA	-3,37311947	-0,038	0,314
CHR3	6278213	CHR3:6278213	SSF x Near_LoA	-10,3480049	-0,070	0,315
CHR3	6280778	CHR3:6280778	SSF x Near_LoA	-7,8777658	-0,080	0,300
CHR3	6280802	CHR3:6280802	SSF x Near_LoA	-10,3087115	0,037	0,320
CHR3	6281354	CHR3:6281354	SSF x Near_LoA	-11,6615348	-0,024	0,307
CHR3	6281356	CHR3:6281356	SSF x Near_LoA	-6,79117031	0,072	0,301
CHR3	6281358	CHR3:6281358	SSF x Near_LoA	-11,0381948	-0,022	0,308
CHR3	6288199	CHR3:6288199	SSF x Near_LoA	-10,8819811	-0,054	0,293
CHR3	6288222	CHR3:6288222	SSF x Near_LoA	-10,1797195	-0,045	0,313
CHR3	6288258	CHR3:6288258	SSF x Near_LoA	-10,9823147	0,062	0,304
CHR3	6301083	CHR3:6301083	SSF x Near_LoA	-7,35313936	-0,018	0,310
CHR3	6301088	CHR3:6301088	SSF x Near_LoA	-9,31065647	0,023	0,300
CHR3	6301091	CHR3:6301091	SSF x Near_LoA	-10,399108	0,018	0,306
CHR3	6301098	CHR3:6301098	SSF x Near_LoA	-9,23731563	-0,031	0,293
CHR3	6302357	CHR3:6302357	SSF x Near_LoA	-10,0051919	-0,042	0,297
CHR3	6302382	CHR3:6302382	SSF x Near_LoA	-10,6787942	-0,056	0,313
CHR3	6302421	CHR3:6302421	SSF x Near_LoA	-9,00032626	0,088	0,298
CHR3	6302542	CHR3:6302542	SSF x Near_LoA	-10,9390881	0,011	0,316
CHR3	6308027	CHR3:6308027	SSF x Near_LoA	-9,39317328	0,191	0,295
CHR3	630920	CHR3:630920	SSF x Near_LoA	-7,77443452	-0,044	0,314
CHR3	630963	CHR3:630963	SSF x Near_LoA	-8,54035567	-0,038	0,321
CHR3	630998	CHR3:630998	SSF x Near_LoA	-10,4686486	-0,006	0,312
CHR3	631037	CHR3:631037	SSF x Near_LoA	-8,0120028	0,149	0,305
CHR3	631123	CHR3:631123	SSF x Near_LoA	-8,96320723	-0,007	0,296
CHR3	6311912	CHR3:6311912	SSF x Near_LoA	-6,88113712	0,045	0,296
CHR3	6311913	CHR3:6311913	SSF x Near_LoA	-6,9989796	0,060	0,319

CHR3	6311999	CHR3:6311999	SSF x Near_LoA	-6,79341488	0,030	0,304
CHR3	6315870	CHR3:6315870	SSF x Near_LoA	-9,86750817	0,099	0,311
CHR3	6315994	CHR3:6315994	SSF x Near_LoA	-8,10561523	0,107	0,310
CHR3	6331050	CHR3:6331050	SSF x Near_LoA	-7,86481617	0,105	0,298
CHR3	6331078	CHR3:6331078	SSF x Near_LoA	-10,2376726	-0,104	0,314
CHR3	6336990	CHR3:6336990	SSF x Near_LoA	-11,2352895	0,055	0,297
CHR3	6337001	CHR3:6337001	SSF x Near_LoA	-9,80949895	0,026	0,306
CHR3	6337002	CHR3:6337002	SSF x Near_LoA	-9,14346693	0,025	0,315
CHR3	6342704	CHR3:6342704	SSF x Near_LoA	-6,84989731	0,011	0,309
CHR3	6342713	CHR3:6342713	SSF x Near_LoA	-12,5833059	-0,067	0,303
CHR3	6342831	CHR3:6342831	SSF x Near_LoA	-10,3668543	-0,088	0,312
CHR3	6343677	CHR3:6343677	SSF x Near_LoA	-9,18958559	-0,104	0,294
CHR3	6343763	CHR3:6343763	SSF x Near_LoA	-8,58070073	0,083	0,291
CHR3	6350691	CHR3:6350691	SSF x Near_LoA	-4,31816166	-0,150	0,293
CHR3	6350731	CHR3:6350731	SSF x Near_LoA	-6,3470212	0,189	0,294
CHR3	6350742	CHR3:6350742	SSF x Near_LoA	-6,04947051	0,161	0,294
CHR3	6350744	CHR3:6350744	SSF x Near_LoA	-9,36368038	0,018	0,300
CHR3	6350762	CHR3:6350762	SSF x Near_LoA	-8,12300978	0,094	0,297
CHR3	6350763	CHR3:6350763	SSF x Near_LoA	-8,78106774	-0,164	0,302
CHR3	6353519	CHR3:6353519	SSF x Near_LoA	-11,1788494	-0,058	0,302
CHR3	6365678	CHR3:6365678	SSF x Near_LoA	-8,47079198	0,098	0,303
CHR3	6365735	CHR3:6365735	SSF x Near_LoA	-6,79092386	-0,096	0,318
CHR3	6365752	CHR3:6365752	SSF x Near_LoA	-9,92973838	0,062	0,294
CHR3	6365771	CHR3:6365771	SSF x Near_LoA	-5,80823792	-0,020	0,334
CHR3	6365800	CHR3:6365800	SSF x Near_LoA	-10,5109285	-0,024	0,315
CHR3	6365809	CHR3:6365809	SSF x Near_LoA	-8,49950618	0,169	0,304
CHR3	636808	CHR3:636808	SSF x Near_LoA	-9,49513158	-0,027	0,293
CHR3	6368142	CHR3:6368142	SSF x Near_LoA	-9,89125553	0,056	0,321
CHR3	636829	CHR3:636829	SSF x Near_LoA	-10,1303551	0,008	0,303
CHR3	6371001	CHR3:6371001	SSF x Near_LoA	-10,575657	-0,038	0,301
CHR3	6371052	CHR3:6371052	SSF x Near_LoA	-7,7972094	-0,172	0,303
CHR3	6378374	CHR3:6378374	SSF x Near_LoA	-9,97604133	-0,031	0,311
CHR3	6378446	CHR3:6378446	SSF x Near_LoA	-10,895447	0,025	0,298
CHR3	6378463	CHR3:6378463	SSF x Near_LoA	-9,29892596	-0,071	0,296
CHR3	6378539	CHR3:6378539	SSF x Near_LoA	-8,81962236	0,095	0,306
CHR3	6378600	CHR3:6378600	SSF x Near_LoA	-8,80191645	0,030	0,323
CHR3	6378638	CHR3:6378638	SSF x Near_LoA	-9,83525807	0,063	0,289
CHR3	6378677	CHR3:6378677	SSF x Near_LoA	-10,3186406	-0,055	0,305
CHR3	6379628	CHR3:6379628	SSF x Near_LoA	-8,40552582	0,083	0,314
CHR3	6382785	CHR3:6382785	SSF x Near_LoA	-8,70021928	-0,080	0,320
CHR3	6382944	CHR3:6382944	SSF x Near_LoA	-7,26559966	-0,103	0,309
CHR3	6383004	CHR3:6383004	SSF x Near_LoA	-10,0770504	0,044	0,301
CHR3	6390995	CHR3:6390995	SSF x Near_LoA	-10,4680441	-0,058	0,305
CHR3	6391010	CHR3:6391010	SSF x Near_LoA	-10,5952338	-0,047	0,301
CHR3	6391069	CHR3:6391069	SSF x Near_LoA	-8,61326501	-0,039	0,300
CHR3	6391101	CHR3:6391101	SSF x Near_LoA	-9,58672614	-0,082	0,284
CHR3	6391138	CHR3:6391138	SSF x Near_LoA	-10,0256014	-0,103	0,308
CHR3	6391317	CHR3:6391317	SSF x Near_LoA	-1,06287046	0,117	0,316
CHR3	6391490	CHR3:6391490	SSF x Near_LoA	-7,89570574	0,112	0,305
CHR3	6392355	CHR3:6392355	SSF x Near_LoA	-9,34440547	-0,036	0,319
CHR3	6392356	CHR3:6392356	SSF x Near_LoA	-12,0092022	-0,018	0,313
CHR3	6392528	CHR3:6392528	SSF x Near_LoA	-5,08279392	-0,064	0,298
CHR3	6394399	CHR3:6394399	SSF x Near_LoA	-8,33765934	0,003	0,293

CHR3	6394501	CHR3:6394501	SSF x Near_LoA	-7,85143349	-0,110	0,313
CHR3	6395732	CHR3:6395732	SSF x Near_LoA	-8,51445047	-0,057	0,312
CHR3	6395739	CHR3:6395739	SSF x Near_LoA	-9,27590432	0,104	0,298
CHR3	6395744	CHR3:6395744	SSF x Near_LoA	-7,90073756	0,113	0,294
CHR3	6395747	CHR3:6395747	SSF x Near_LoA	-6,63025061	0,131	0,302
CHR3	6404397	CHR3:6404397	SSF x Near_LoA	-9,86787883	-0,086	0,301
CHR3	6404419	CHR3:6404419	SSF x Near_LoA	-8,11903469	-0,007	0,300
CHR3	6406831	CHR3:6406831	SSF x Near_LoA	-1,64014654	0,204	0,298
CHR3	6412767	CHR3:6412767	SSF x Near_LoA	-11,55202	-0,024	0,308
CHR3	6412799	CHR3:6412799	SSF x Near_LoA	-9,35033807	0,016	0,310
CHR3	6433694	CHR3:6433694	SSF x Near_LoA	-8,70464064	0,113	0,307
CHR3	6441218	CHR3:6441218	SSF x Near_LoA	-10,2833058	-0,149	0,300
CHR3	6441277	CHR3:6441277	SSF x Near_LoA	-7,48825323	0,155	0,295
CHR3	6441407	CHR3:6441407	SSF x Near_LoA	-7,83539855	-0,077	0,300
CHR3	6441414	CHR3:6441414	SSF x Near_LoA	-10,2737388	-0,057	0,285
CHR3	6441445	CHR3:6441445	SSF x Near_LoA	-8,54300386	-0,087	0,302
CHR3	6441459	CHR3:6441459	SSF x Near_LoA	-8,61337186	-0,103	0,299
CHR3	6441461	CHR3:6441461	SSF x Near_LoA	-9,9044811	-0,090	0,300
CHR3	6441468	CHR3:6441468	SSF x Near_LoA	-3,80901809	-0,167	0,315
CHR3	6441486	CHR3:6441486	SSF x Near_LoA	-6,67033757	0,078	0,324
CHR3	6445545	CHR3:6445545	SSF x Near_LoA	-7,98089795	0,001	0,307
CHR3	6445560	CHR3:6445560	SSF x Near_LoA	-7,10686792	-0,161	0,300
CHR3	6449915	CHR3:6449915	SSF x Near_LoA	-7,84094384	0,040	0,307
CHR3	6449917	CHR3:6449917	SSF x Near_LoA	-9,55976624	0,079	0,307
CHR3	6449988	CHR3:6449988	SSF x Near_LoA	-8,0916543	0,089	0,311
CHR3	6449991	CHR3:6449991	SSF x Near_LoA	-7,07426667	0,105	0,299
CHR3	6449992	CHR3:6449992	SSF x Near_LoA	-9,91399385	0,037	0,317
CHR3	6450000	CHR3:6450000	SSF x Near_LoA	-9,88542632	-0,057	0,306
CHR3	6450002	CHR3:6450002	SSF x Near_LoA	-9,2916176	-0,072	0,300
CHR3	6450004	CHR3:6450004	SSF x Near_LoA	-8,30972642	-0,058	0,310
CHR3	6457961	CHR3:6457961	SSF x Near_LoA	-7,43559852	0,012	0,313
CHR3	6462511	CHR3:6462511	SSF x Near_LoA	-8,99939007	0,054	0,306
CHR3	6462515	CHR3:6462515	SSF x Near_LoA	-10,4426464	-0,114	0,300
CHR3	6462533	CHR3:6462533	SSF x Near_LoA	-3,30801188	0,000	0,301
CHR3	6462555	CHR3:6462555	SSF x Near_LoA	-9,00038888	-0,010	0,316
CHR3	6462559	CHR3:6462559	SSF x Near_LoA	-9,34868769	-0,038	0,305
CHR3	6462669	CHR3:6462669	SSF x Near_LoA	-9,18269024	-0,019	0,303
CHR3	646527	CHR3:646527	SSF x Near_LoA	-7,55139284	-0,035	0,304
CHR3	6467589	CHR3:6467589	SSF x Near_LoA	-7,77611031	0,030	0,298
CHR3	6467673	CHR3:6467673	SSF x Near_LoA	-11,3711679	-0,068	0,296
CHR3	6469182	CHR3:6469182	SSF x Near_LoA	-8,53111642	-0,050	0,307
CHR3	6469250	CHR3:6469250	SSF x Near_LoA	-11,325013	-0,018	0,310
CHR3	6469265	CHR3:6469265	SSF x Near_LoA	-8,85423421	0,054	0,307
CHR3	6469440	CHR3:6469440	SSF x Near_LoA	-7,82313268	0,064	0,310
CHR3	6472415	CHR3:6472415	SSF x Near_LoA	-10,6511066	-0,058	0,304
CHR3	6475562	CHR3:6475562	SSF x Near_LoA	-8,7102161	-0,001	0,322
CHR3	6475710	CHR3:6475710	SSF x Near_LoA	-8,9210064	0,092	0,315
CHR3	6480764	CHR3:6480764	SSF x Near_LoA	-9,54380673	-0,037	0,282
CHR3	6480769	CHR3:6480769	SSF x Near_LoA	-7,23958688	0,158	0,300
CHR3	6495403	CHR3:6495403	SSF x Near_LoA	-11,228041	-0,008	0,306
CHR3	6495417	CHR3:6495417	SSF x Near_LoA	-10,83267	-0,006	0,310
CHR3	6495447	CHR3:6495447	SSF x Near_LoA	-11,6327292	0,022	0,303
CHR3	6495483	CHR3:6495483	SSF x Near_LoA	-9,08985931	-0,027	0,298

CHR3	6495486	CHR3:6495486	SSF x Near_LoA	-8,84749025	0,052	0,306
CHR3	6495532	CHR3:6495532	SSF x Near_LoA	-9,84006749	0,027	0,316
CHR3	6495548	CHR3:6495548	SSF x Near_LoA	-9,55354744	-0,047	0,301
CHR3	6495667	CHR3:6495667	SSF x Near_LoA	-10,8078513	0,048	0,300
CHR3	6502652	CHR3:6502652	SSF x Near_LoA	-6,91490843	-0,147	0,298
CHR3	6502836	CHR3:6502836	SSF x Near_LoA	-11,2782742	-0,046	0,301
CHR3	6524602	CHR3:6524602	SSF x Near_LoA	-9,98443437	-0,092	0,307
CHR3	6524656	CHR3:6524656	SSF x Near_LoA	-2,91146475	-0,090	0,307
CHR3	6524683	CHR3:6524683	SSF x Near_LoA	-3,79028406	-0,061	0,302
CHR3	652864	CHR3:652864	SSF x Near_LoA	-6,05489043	-0,121	0,294
CHR3	652873	CHR3:652873	SSF x Near_LoA	-9,67428092	-0,031	0,309
CHR3	6529279	CHR3:6529279	SSF x Near_LoA	-7,22006088	0,143	0,305
CHR3	6529373	CHR3:6529373	SSF x Near_LoA	-8,95846603	-0,093	0,296
CHR3	652956	CHR3:652956	SSF x Near_LoA	-6,19257161	-0,127	0,312
CHR3	653037	CHR3:653037	SSF x Near_LoA	-9,13270742	-0,107	0,295
CHR3	6535303	CHR3:6535303	SSF x Near_LoA	-8,3549401	0,001	0,309
CHR3	6535318	CHR3:6535318	SSF x Near_LoA	-7,64303796	0,050	0,307
CHR3	6535432	CHR3:6535432	SSF x Near_LoA	-7,1793617	-0,101	0,311
CHR3	6535598	CHR3:6535598	SSF x Near_LoA	-7,40809009	-0,018	0,311
CHR3	6541922	CHR3:6541922	SSF x Near_LoA	-7,6201326	-0,016	0,305
CHR3	6541959	CHR3:6541959	SSF x Near_LoA	-10,9304155	0,015	0,310
CHR3	6542081	CHR3:6542081	SSF x Near_LoA	-10,5310306	-0,027	0,306
CHR3	6542090	CHR3:6542090	SSF x Near_LoA	-8,86534942	0,012	0,307
CHR3	6542141	CHR3:6542141	SSF x Near_LoA	-8,65959437	-0,011	0,302
CHR3	6542148	CHR3:6542148	SSF x Near_LoA	-7,28880714	0,157	0,297
CHR3	6542149	CHR3:6542149	SSF x Near_LoA	-10,7471927	0,146	0,303
CHR3	6545255	CHR3:6545255	SSF x Near_LoA	-8,22298273	-0,105	0,314
CHR3	6545258	CHR3:6545258	SSF x Near_LoA	-10,0976299	0,027	0,311
CHR3	6545266	CHR3:6545266	SSF x Near_LoA	-10,4167672	-0,044	0,317
CHR3	6545291	CHR3:6545291	SSF x Near_LoA	-9,83287343	-0,059	0,305
CHR3	6545350	CHR3:6545350	SSF x Near_LoA	-8,30698312	-0,128	0,299
CHR3	6545371	CHR3:6545371	SSF x Near_LoA	-9,11141402	-0,009	0,317
CHR3	6550449	CHR3:6550449	SSF x Near_LoA	-11,6536407	0,031	0,296
CHR3	6550453	CHR3:6550453	SSF x Near_LoA	-5,00793524	-0,099	0,302
CHR3	6550467	CHR3:6550467	SSF x Near_LoA	-9,83754473	-0,065	0,291
CHR3	6550476	CHR3:6550476	SSF x Near_LoA	-8,35734098	0,027	0,296
CHR3	6550478	CHR3:6550478	SSF x Near_LoA	-9,41918907	0,051	0,311
CHR3	6550507	CHR3:6550507	SSF x Near_LoA	-8,9708798	0,043	0,287
CHR3	6550522	CHR3:6550522	SSF x Near_LoA	-7,10007544	-0,129	0,290
CHR3	6550536	CHR3:6550536	SSF x Near_LoA	-8,02743745	-0,146	0,317
CHR3	6550558	CHR3:6550558	SSF x Near_LoA	-10,3982065	0,064	0,312
CHR3	6550559	CHR3:6550559	SSF x Near_LoA	-9,49536201	0,127	0,315
CHR3	6550569	CHR3:6550569	SSF x Near_LoA	-9,16704882	0,051	0,308
CHR3	6550586	CHR3:6550586	SSF x Near_LoA	-10,0884765	-0,008	0,322
CHR3	6550625	CHR3:6550625	SSF x Near_LoA	-10,6445951	0,035	0,310
CHR3	6552974	CHR3:6552974	SSF x Near_LoA	-8,17405263	0,007	0,309
CHR3	6553180	CHR3:6553180	SSF x Near_LoA	-11,0591233	-0,088	0,295
CHR3	6553196	CHR3:6553196	SSF x Near_LoA	-10,2837231	0,065	0,306
CHR3	6567495	CHR3:6567495	SSF x Near_LoA	-9,31198742	-0,022	0,308
CHR3	6567522	CHR3:6567522	SSF x Near_LoA	-8,24848942	0,019	0,316
CHR3	6567585	CHR3:6567585	SSF x Near_LoA	-10,143261	-0,015	0,313
CHR3	6567723	CHR3:6567723	SSF x Near_LoA	-7,47737643	-0,099	0,317
CHR3	6570787	CHR3:6570787	SSF x Near_LoA	-5,5588914	-0,090	0,296

CHR3	6570802	CHR3:6570802	SSF x Near_LoA	-7,78101634	-0,129	0,280
CHR3	6570842	CHR3:6570842	SSF x Near_LoA	-9,2808881	0,043	0,307
CHR3	6570859	CHR3:6570859	SSF x Near_LoA	-9,95803874	-0,003	0,309
CHR3	6570876	CHR3:6570876	SSF x Near_LoA	-8,85201095	0,038	0,307
CHR3	6570894	CHR3:6570894	SSF x Near_LoA	-10,829786	-0,066	0,311
CHR3	6570936	CHR3:6570936	SSF x Near_LoA	-9,65205868	0,082	0,302
CHR3	6570938	CHR3:6570938	SSF x Near_LoA	-9,57392919	0,003	0,318
CHR3	6570991	CHR3:6570991	SSF x Near_LoA	-8,27449878	0,040	0,313
CHR3	6571008	CHR3:6571008	SSF x Near_LoA	-9,3557406	-0,092	0,313
CHR3	6571014	CHR3:6571014	SSF x Near_LoA	-8,97866588	0,020	0,311
CHR3	6571016	CHR3:6571016	SSF x Near_LoA	-8,00480268	0,052	0,324
CHR3	6571032	CHR3:6571032	SSF x Near_LoA	-8,7522704	0,084	0,301
CHR3	6584134	CHR3:6584134	SSF x Near_LoA	-6,46362344	-0,209	0,294
CHR3	6595022	CHR3:6595022	SSF x Near_LoA	-9,73662864	0,005	0,311
CHR3	6595031	CHR3:6595031	SSF x Near_LoA	-11,2780341	0,045	0,308
CHR3	6595043	CHR3:6595043	SSF x Near_LoA	-10,9941917	0,041	0,306
CHR3	6595064	CHR3:6595064	SSF x Near_LoA	-5,43531927	0,056	0,302
CHR3	6595157	CHR3:6595157	SSF x Near_LoA	-5,43279934	-0,188	0,311
CHR3	6595350	CHR3:6595350	SSF x Near_LoA	-10,4047832	-0,039	0,308
CHR3	6599120	CHR3:6599120	SSF x Near_LoA	-9,21311797	0,103	0,298
CHR3	6599199	CHR3:6599199	SSF x Near_LoA	-9,23618085	0,008	0,296
CHR3	6599210	CHR3:6599210	SSF x Near_LoA	-6,51663996	0,015	0,295
CHR3	6599322	CHR3:6599322	SSF x Near_LoA	-7,96056465	-0,020	0,299
CHR3	6599326	CHR3:6599326	SSF x Near_LoA	-9,05570951	-0,013	0,293
CHR3	6599331	CHR3:6599331	SSF x Near_LoA	-10,4462272	-0,018	0,305
CHR3	6599337	CHR3:6599337	SSF x Near_LoA	-10,9907156	0,060	0,296
CHR3	6599362	CHR3:6599362	SSF x Near_LoA	-8,95496887	0,092	0,297
CHR3	6599383	CHR3:6599383	SSF x Near_LoA	-7,67042945	-0,157	0,302
CHR3	6603632	CHR3:6603632	SSF x Near_LoA	-11,2464585	-0,099	0,289
CHR3	6603695	CHR3:6603695	SSF x Near_LoA	-9,97510696	-0,050	0,313
CHR3	6603752	CHR3:6603752	SSF x Near_LoA	-10,359859	0,062	0,311
CHR3	6603792	CHR3:6603792	SSF x Near_LoA	-9,49879453	0,028	0,316
CHR3	6603793	CHR3:6603793	SSF x Near_LoA	-9,86611051	0,073	0,308
CHR3	6603802	CHR3:6603802	SSF x Near_LoA	-10,7259017	0,061	0,313
CHR3	6603804	CHR3:6603804	SSF x Near_LoA	-5,94956137	0,047	0,295
CHR3	6603855	CHR3:6603855	SSF x Near_LoA	-8,60207456	-0,037	0,305
CHR3	6603873	CHR3:6603873	SSF x Near_LoA	-5,32677535	-0,165	0,308
CHR3	6613431	CHR3:6613431	SSF x Near_LoA	-6,58049532	0,046	0,315
CHR3	6613474	CHR3:6613474	SSF x Near_LoA	-10,2595027	0,036	0,307
CHR3	6613475	CHR3:6613475	SSF x Near_LoA	-10,5433711	0,019	0,313
CHR3	6613477	CHR3:6613477	SSF x Near_LoA	-9,68470633	0,018	0,311
CHR3	6613483	CHR3:6613483	SSF x Near_LoA	-8,93014192	-0,018	0,315
CHR3	6613489	CHR3:6613489	SSF x Near_LoA	-8,85353859	-0,016	0,309
CHR3	6613490	CHR3:6613490	SSF x Near_LoA	-11,2072726	0,030	0,300
CHR3	6613508	CHR3:6613508	SSF x Near_LoA	-9,87130382	-0,006	0,321
CHR3	6613559	CHR3:6613559	SSF x Near_LoA	-10,3502297	0,009	0,319
CHR3	6613628	CHR3:6613628	SSF x Near_LoA	-9,80352668	0,010	0,311
CHR3	6613654	CHR3:6613654	SSF x Near_LoA	-12,4706938	-0,029	0,282
CHR3	6616297	CHR3:6616297	SSF x Near_LoA	-10,7335685	-0,028	0,314
CHR3	6616332	CHR3:6616332	SSF x Near_LoA	-10,2376916	-0,057	0,317
CHR3	6616371	CHR3:6616371	SSF x Near_LoA	-11,303563	-0,054	0,304
CHR3	6616378	CHR3:6616378	SSF x Near_LoA	-11,4798947	-0,042	0,306
CHR3	6616406	CHR3:6616406	SSF x Near_LoA	-6,55448755	0,087	0,303

CHR3	6617590	CHR3:6617590	SSF x Near_LoA	-6,71311002	0,007	0,300
CHR3	6622180	CHR3:6622180	SSF x Near_LoA	-7,37129084	0,155	0,311
CHR3	6622210	CHR3:6622210	SSF x Near_LoA	-8,70485663	-0,078	0,323
CHR3	6622388	CHR3:6622388	SSF x Near_LoA	-10,3815856	-0,048	0,312
CHR3	6623989	CHR3:6623989	SSF x Near_LoA	-7,65966248	-0,121	0,313
CHR3	6624219	CHR3:6624219	SSF x Near_LoA	-7,70478263	-0,109	0,300
CHR3	6624223	CHR3:6624223	SSF x Near_LoA	1,99971582	-0,039	0,315
CHR3	6624235	CHR3:6624235	SSF x Near_LoA	-6,82967288	-0,093	0,315
CHR3	6624247	CHR3:6624247	SSF x Near_LoA	-8,28678944	-0,094	0,310
CHR3	6624263	CHR3:6624263	SSF x Near_LoA	-7,69290686	0,040	0,317
CHR3	662770	CHR3:662770	SSF x Near_LoA	-11,6255696	0,068	0,309
CHR3	662794	CHR3:662794	SSF x Near_LoA	-7,72517266	0,144	0,311
CHR3	662946	CHR3:662946	SSF x Near_LoA	-10,3477018	0,012	0,299
CHR3	6632970	CHR3:6632970	SSF x Near_LoA	-9,29576633	0,033	0,326
CHR3	6633066	CHR3:6633066	SSF x Near_LoA	-9,41317096	-0,051	0,315
CHR3	6633082	CHR3:6633082	SSF x Near_LoA	-10,0911411	-0,068	0,307
CHR3	6633092	CHR3:6633092	SSF x Near_LoA	-8,52410446	-0,075	0,309
CHR3	6639183	CHR3:6639183	SSF x Near_LoA	-9,75250725	0,006	0,311
CHR3	6639197	CHR3:6639197	SSF x Near_LoA	-8,4357974	-0,125	0,296
CHR3	6640037	CHR3:6640037	SSF x Near_LoA	-8,41578668	-0,181	0,302
CHR3	6640056	CHR3:6640056	SSF x Near_LoA	-8,54281982	-0,159	0,311
CHR3	6647929	CHR3:6647929	SSF x Near_LoA	-10,3963083	0,037	0,307
CHR3	6648472	CHR3:6648472	SSF x Near_LoA	-10,4302653	-0,036	0,318
CHR3	6648529	CHR3:6648529	SSF x Near_LoA	-11,0452112	0,080	0,299
CHR3	6661001	CHR3:6661001	SSF x Near_LoA	-10,7993166	0,075	0,294
CHR3	6666538	CHR3:6666538	SSF x Near_LoA	-8,06472793	0,108	0,298
CHR3	6666548	CHR3:6666548	SSF x Near_LoA	-8,75805836	-0,020	0,302
CHR3	6669397	CHR3:6669397	SSF x Near_LoA	-6,8969905	-0,201	0,281
CHR3	6670127	CHR3:6670127	SSF x Near_LoA	-3,22901228	0,168	0,302
CHR3	6673656	CHR3:6673656	SSF x Near_LoA	-6,91991861	-0,008	0,308
CHR3	6673720	CHR3:6673720	SSF x Near_LoA	-10,8933774	0,085	0,305
CHR3	6675225	CHR3:6675225	SSF x Near_LoA	-8,96591813	-0,006	0,303
CHR3	6675226	CHR3:6675226	SSF x Near_LoA	-8,94936768	-0,114	0,309
CHR3	6679710	CHR3:6679710	SSF x Near_LoA	-7,07405488	-0,061	0,317
CHR3	6679761	CHR3:6679761	SSF x Near_LoA	-9,05239875	-0,124	0,318
CHR3	6679803	CHR3:6679803	SSF x Near_LoA	-10,4127673	-0,037	0,318
CHR3	6679809	CHR3:6679809	SSF x Near_LoA	-11,7863989	-0,033	0,305
CHR3	667990	CHR3:667990	SSF x Near_LoA	-8,29211392	0,016	0,305
CHR3	667997	CHR3:667997	SSF x Near_LoA	-8,4734152	0,005	0,293
CHR3	668033	CHR3:668033	SSF x Near_LoA	-8,30918021	-0,006	0,315
CHR3	668036	CHR3:668036	SSF x Near_LoA	-8,82287796	-0,023	0,296
CHR3	668041	CHR3:668041	SSF x Near_LoA	-9,7188751	-0,018	0,300
CHR3	668061	CHR3:668061	SSF x Near_LoA	-9,12465899	0,033	0,309
CHR3	668078	CHR3:668078	SSF x Near_LoA	-11,1027793	0,057	0,298
CHR3	668115	CHR3:668115	SSF x Near_LoA	-10,6526808	0,077	0,298
CHR3	668162	CHR3:668162	SSF x Near_LoA	-9,89618743	0,068	0,302
CHR3	668176	CHR3:668176	SSF x Near_LoA	-5,76766744	0,136	0,305
CHR3	668215	CHR3:668215	SSF x Near_LoA	-7,31603157	0,050	0,312
CHR3	6683998	CHR3:6683998	SSF x Near_LoA	-6,96768301	-0,109	0,304
CHR3	6683999	CHR3:6683999	SSF x Near_LoA	-6,30594848	-0,086	0,290
CHR3	6695667	CHR3:6695667	SSF x Near_LoA	-9,33446886	0,031	0,301
CHR3	6695685	CHR3:6695685	SSF x Near_LoA	-9,97348236	0,048	0,298
CHR3	6695715	CHR3:6695715	SSF x Near_LoA	-4,83029686	-0,039	0,296

CHR3	6695777	CHR3:6695777	SSF x Near_LoA	-9,78756079	-0,057	0,313
CHR3	6695820	CHR3:6695820	SSF x Near_LoA	-8,54638944	-0,037	0,298
CHR3	6695823	CHR3:6695823	SSF x Near_LoA	-8,17309943	0,064	0,308
CHR3	6695857	CHR3:6695857	SSF x Near_LoA	-10,0008452	-0,013	0,305
CHR3	6695866	CHR3:6695866	SSF x Near_LoA	-11,269753	0,013	0,300
CHR3	6698818	CHR3:6698818	SSF x Near_LoA	-9,68096256	-0,040	0,309
CHR3	6705315	CHR3:6705315	SSF x Near_LoA	-8,93886015	-0,009	0,311
CHR3	6705319	CHR3:6705319	SSF x Near_LoA	-8,71007092	-0,002	0,316
CHR3	6711414	CHR3:6711414	SSF x Near_LoA	-6,9888221	-0,011	0,298
CHR3	6711421	CHR3:6711421	SSF x Near_LoA	-11,4098063	0,057	0,309
CHR3	6711517	CHR3:6711517	SSF x Near_LoA	-11,3298005	-0,031	0,313
CHR3	6711573	CHR3:6711573	SSF x Near_LoA	-9,04710653	0,150	0,306
CHR3	6712695	CHR3:6712695	SSF x Near_LoA	-10,5302851	-0,060	0,310
CHR3	6712778	CHR3:6712778	SSF x Near_LoA	-10,0976461	-0,039	0,313
CHR3	6712800	CHR3:6712800	SSF x Near_LoA	-8,55453955	0,027	0,305
CHR3	6712831	CHR3:6712831	SSF x Near_LoA	-6,98120914	-0,091	0,310
CHR3	6722848	CHR3:6722848	SSF x Near_LoA	-7,44576925	0,084	0,313
CHR3	6723355	CHR3:6723355	SSF x Near_LoA	-7,65278192	-0,011	0,315
CHR3	6723356	CHR3:6723356	SSF x Near_LoA	-9,29088419	-0,002	0,315
CHR3	6723385	CHR3:6723385	SSF x Near_LoA	-8,68991261	-0,011	0,317
CHR3	6730316	CHR3:6730316	SSF x Near_LoA	-9,63982187	-0,008	0,307
CHR3	6730318	CHR3:6730318	SSF x Near_LoA	-7,82377949	0,076	0,304
CHR3	6734674	CHR3:6734674	SSF x Near_LoA	-9,3354438	-0,032	0,317
CHR3	6734678	CHR3:6734678	SSF x Near_LoA	-7,14260748	-0,136	0,309
CHR3	6734725	CHR3:6734725	SSF x Near_LoA	-8,38688129	-0,086	0,306
CHR3	6734733	CHR3:6734733	SSF x Near_LoA	-9,95451393	-0,093	0,306
CHR3	6734744	CHR3:6734744	SSF x Near_LoA	-7,69201179	0,032	0,316
CHR3	6734772	CHR3:6734772	SSF x Near_LoA	-7,61667261	0,041	0,320
CHR3	6740775	CHR3:6740775	SSF x Near_LoA	-3,82031052	-0,073	0,311
CHR3	6740779	CHR3:6740779	SSF x Near_LoA	-9,03568458	-0,081	0,317
CHR3	6740787	CHR3:6740787	SSF x Near_LoA	-8,42482208	-0,056	0,312
CHR3	6740790	CHR3:6740790	SSF x Near_LoA	-7,89183114	-0,077	0,321
CHR3	674691	CHR3:674691	SSF x Near_LoA	-7,90643033	-0,152	0,300
CHR3	6753336	CHR3:6753336	SSF x Near_LoA	-4,4528852	0,002	0,310
CHR3	6753427	CHR3:6753427	SSF x Near_LoA	-10,1019018	-0,035	0,313
CHR3	6753461	CHR3:6753461	SSF x Near_LoA	-8,47202094	0,025	0,312
CHR3	6770835	CHR3:6770835	SSF x Near_LoA	-9,1138881	-0,043	0,309
CHR3	6770968	CHR3:6770968	SSF x Near_LoA	-10,4192123	-0,090	0,303
CHR3	6771045	CHR3:6771045	SSF x Near_LoA	-9,13927995	-0,048	0,307
CHR3	677555	CHR3:677555	SSF x Near_LoA	-5,2363852	-0,115	0,313
CHR3	677677	CHR3:677677	SSF x Near_LoA	-8,23803111	-0,038	0,298
CHR3	6777043	CHR3:6777043	SSF x Near_LoA	-9,07171684	-0,048	0,306
CHR3	6777063	CHR3:6777063	SSF x Near_LoA	-5,34346914	-0,001	0,318
CHR3	6778816	CHR3:6778816	SSF x Near_LoA	-8,24767318	0,011	0,312
CHR3	6779202	CHR3:6779202	SSF x Near_LoA	-6,0387827	-0,076	0,302
CHR3	6796008	CHR3:6796008	SSF x Near_LoA	-10,5747515	0,040	0,322
CHR3	6796155	CHR3:6796155	SSF x Near_LoA	-8,84077295	-0,007	0,307
CHR3	6796229	CHR3:6796229	SSF x Near_LoA	-3,73362859	0,056	0,319
CHR3	6801022	CHR3:6801022	SSF x Near_LoA	0,69048758	0,157	0,303
CHR3	6801061	CHR3:6801061	SSF x Near_LoA	-9,81392283	-0,024	0,311
CHR3	6801106	CHR3:6801106	SSF x Near_LoA	-9,6122029	-0,044	0,304
CHR3	6802578	CHR3:6802578	SSF x Near_LoA	-11,5139314	-0,034	0,293
CHR3	6802645	CHR3:6802645	SSF x Near_LoA	-10,3309094	-0,082	0,309

CHR3	6802668	CHR3:6802668	SSF x Near_LoA	-9,5625834	0,152	0,314
CHR3	6802747	CHR3:6802747	SSF x Near_LoA	-9,85765795	0,135	0,307
CHR3	6802761	CHR3:6802761	SSF x Near_LoA	-7,89719311	0,100	0,307
CHR3	6802799	CHR3:6802799	SSF x Near_LoA	-7,83972484	-0,136	0,317
CHR3	6804264	CHR3:6804264	SSF x Near_LoA	-10,1869125	-0,049	0,322
CHR3	6820770	CHR3:6820770	SSF x Near_LoA	-12,1105263	0,051	0,296
CHR3	6820771	CHR3:6820771	SSF x Near_LoA	-12,1261183	0,076	0,305
CHR3	6820772	CHR3:6820772	SSF x Near_LoA	-7,1179519	-0,075	0,318
CHR3	6821047	CHR3:6821047	SSF x Near_LoA	-9,11576066	-0,007	0,304
CHR3	6829539	CHR3:6829539	SSF x Near_LoA	-10,7897344	0,046	0,309
CHR3	6834397	CHR3:6834397	SSF x Near_LoA	-9,13499012	-0,084	0,298
CHR3	6842399	CHR3:6842399	SSF x Near_LoA	-6,37343502	0,171	0,286
CHR3	6842418	CHR3:6842418	SSF x Near_LoA	-4,28395991	-0,079	0,306
CHR3	6842447	CHR3:6842447	SSF x Near_LoA	-8,48802507	0,076	0,311
CHR3	6842465	CHR3:6842465	SSF x Near_LoA	-9,91321627	-0,059	0,312
CHR3	6842484	CHR3:6842484	SSF x Near_LoA	-10,7937875	-0,051	0,308
CHR3	6855605	CHR3:6855605	SSF x Near_LoA	-9,09232486	0,009	0,309
CHR3	6860755	CHR3:6860755	SSF x Near_LoA	-4,12020113	-0,112	0,310
CHR3	6860773	CHR3:6860773	SSF x Near_LoA	-9,16436707	0,043	0,312
CHR3	6860854	CHR3:6860854	SSF x Near_LoA	-8,79220862	0,081	0,331
CHR3	6860866	CHR3:6860866	SSF x Near_LoA	-8,89437165	-0,068	0,306
CHR3	6860934	CHR3:6860934	SSF x Near_LoA	-7,46945857	0,054	0,302
CHR3	6869925	CHR3:6869925	SSF x Near_LoA	-9,28127932	-0,025	0,327
CHR3	6871936	CHR3:6871936	SSF x Near_LoA	-5,13453919	-0,186	0,299
CHR3	6874781	CHR3:6874781	SSF x Near_LoA	-10,3154562	-0,038	0,310
CHR3	6874821	CHR3:6874821	SSF x Near_LoA	-9,6795422	-0,130	0,305
CHR3	6874854	CHR3:6874854	SSF x Near_LoA	-10,9067547	-0,075	0,308
CHR3	6874863	CHR3:6874863	SSF x Near_LoA	-9,07616913	-0,050	0,321
CHR3	6874885	CHR3:6874885	SSF x Near_LoA	-9,44872517	-0,018	0,294
CHR3	6874976	CHR3:6874976	SSF x Near_LoA	-9,77452033	0,120	0,300
CHR3	6875022	CHR3:6875022	SSF x Near_LoA	-10,3493916	0,013	0,315
CHR3	6876047	CHR3:6876047	SSF x Near_LoA	-8,67801953	0,173	0,292
CHR3	6876097	CHR3:6876097	SSF x Near_LoA	-10,7159167	0,064	0,309
CHR3	6877235	CHR3:6877235	SSF x Near_LoA	-10,828453	-0,023	0,311
CHR3	6877293	CHR3:6877293	SSF x Near_LoA	-9,38450571	0,017	0,306
CHR3	6887455	CHR3:6887455	SSF x Near_LoA	-8,44381116	0,017	0,303
CHR3	6887580	CHR3:6887580	SSF x Near_LoA	-7,86576129	-0,128	0,313
CHR3	6887602	CHR3:6887602	SSF x Near_LoA	-10,6594356	-0,014	0,311
CHR3	6887745	CHR3:6887745	SSF x Near_LoA	-9,00833881	-0,038	0,312
CHR3	6897844	CHR3:6897844	SSF x Near_LoA	-7,85553162	0,030	0,317
CHR3	6908513	CHR3:6908513	SSF x Near_LoA	-8,7822709	0,022	0,305
CHR3	6908532	CHR3:6908532	SSF x Near_LoA	-9,81894456	0,018	0,296
CHR3	6914946	CHR3:6914946	SSF x Near_LoA	-7,45794927	-0,055	0,323
CHR3	6915048	CHR3:6915048	SSF x Near_LoA	-11,2820918	-0,030	0,289
CHR3	691520	CHR3:691520	SSF x Near_LoA	-4,60180976	0,048	0,309
CHR3	691536	CHR3:691536	SSF x Near_LoA	-8,24809866	-0,145	0,304
CHR3	6922885	CHR3:6922885	SSF x Near_LoA	-7,13819103	0,109	0,298
CHR3	6924457	CHR3:6924457	SSF x Near_LoA	-10,3001777	0,005	0,308
CHR3	6924522	CHR3:6924522	SSF x Near_LoA	-11,2043121	-0,035	0,317
CHR3	6924557	CHR3:6924557	SSF x Near_LoA	2,72120053	-0,166	0,299
CHR3	6924566	CHR3:6924566	SSF x Near_LoA	-9,64097048	-0,012	0,315
CHR3	6924579	CHR3:6924579	SSF x Near_LoA	-8,27891693	0,107	0,303
CHR3	692593	CHR3:692593	SSF x Near_LoA	-8,13137747	-0,063	0,308

CHR3	692624	CHR3:692624	SSF x Near_LoA	-8,73974251	-0,092	0,304
CHR3	692722	CHR3:692722	SSF x Near_LoA	-7,60071931	0,167	0,303
CHR3	6934762	CHR3:6934762	SSF x Near_LoA	-9,88841168	0,007	0,307
CHR3	6934763	CHR3:6934763	SSF x Near_LoA	-9,86207414	-0,110	0,304
CHR3	6934805	CHR3:6934805	SSF x Near_LoA	-9,29344292	-0,025	0,310
CHR3	6934921	CHR3:6934921	SSF x Near_LoA	-4,79162265	-0,188	0,302
CHR3	6936995	CHR3:6936995	SSF x Near_LoA	-10,4389373	-0,022	0,312
CHR3	6937108	CHR3:6937108	SSF x Near_LoA	-10,5755641	-0,003	0,306
CHR3	6944207	CHR3:6944207	SSF x Near_LoA	-8,89415748	-0,089	0,317
CHR3	6944527	CHR3:6944527	SSF x Near_LoA	-8,9941484	-0,063	0,308
CHR3	6944531	CHR3:6944531	SSF x Near_LoA	-9,52232622	-0,133	0,289
CHR3	6956326	CHR3:6956326	SSF x Near_LoA	-10,5215111	-0,019	0,317
CHR3	6965327	CHR3:6965327	SSF x Near_LoA	-9,31031797	0,146	0,296
CHR3	6965336	CHR3:6965336	SSF x Near_LoA	3,50108853	0,122	0,300
CHR3	6970915	CHR3:6970915	SSF x Near_LoA	-7,63612746	0,042	0,297
CHR3	6971019	CHR3:6971019	SSF x Near_LoA	-8,55699551	0,131	0,301
CHR3	697156	CHR3:697156	SSF x Near_LoA	-9,26460117	-0,046	0,307
CHR3	6979755	CHR3:6979755	SSF x Near_LoA	-8,87113482	-0,123	0,304
CHR3	6979796	CHR3:6979796	SSF x Near_LoA	-7,81613004	-0,007	0,306
CHR3	6979835	CHR3:6979835	SSF x Near_LoA	-10,5615707	-0,013	0,309
CHR3	6979877	CHR3:6979877	SSF x Near_LoA	-8,37873341	0,141	0,296
CHR3	6979893	CHR3:6979893	SSF x Near_LoA	-9,76214377	-0,006	0,313
CHR3	6979913	CHR3:6979913	SSF x Near_LoA	-11,6366404	-0,042	0,308
CHR3	6985504	CHR3:6985504	SSF x Near_LoA	-7,88386153	-0,059	0,305
CHR3	6985544	CHR3:6985544	SSF x Near_LoA	-8,38719286	0,024	0,319
CHR3	6985898	CHR3:6985898	SSF x Near_LoA	5,31615687	-0,025	0,317
CHR3	6990872	CHR3:6990872	SSF x Near_LoA	-9,58284847	-0,007	0,306
CHR3	701245	CHR3:701245	SSF x Near_LoA	-11,4352703	0,020	0,313
CHR3	701251	CHR3:701251	SSF x Near_LoA	-9,06387699	0,003	0,313
CHR3	7015796	CHR3:7015796	SSF x Near_LoA	-9,14311137	-0,044	0,302
CHR3	7017196	CHR3:7017196	SSF x Near_LoA	-9,26868733	-0,054	0,311
CHR3	7017268	CHR3:7017268	SSF x Near_LoA	-6,35371879	0,009	0,304
CHR3	7017375	CHR3:7017375	SSF x Near_LoA	-9,98017602	0,073	0,297
CHR3	7017409	CHR3:7017409	SSF x Near_LoA	-8,77086234	-0,099	0,301
CHR3	7017422	CHR3:7017422	SSF x Near_LoA	-7,00597871	-0,110	0,298
CHR3	7017423	CHR3:7017423	SSF x Near_LoA	-3,36121124	-0,121	0,302
CHR3	7026963	CHR3:7026963	SSF x Near_LoA	-9,27634985	0,014	0,310
CHR3	7026973	CHR3:7026973	SSF x Near_LoA	-9,57680805	0,098	0,308
CHR3	7026990	CHR3:7026990	SSF x Near_LoA	-10,6775587	0,122	0,301
CHR3	7027004	CHR3:7027004	SSF x Near_LoA	-9,67664351	0,031	0,311
CHR3	7027051	CHR3:7027051	SSF x Near_LoA	-10,0583289	-0,029	0,294
CHR3	7027058	CHR3:7027058	SSF x Near_LoA	-8,61997248	0,048	0,313
CHR3	7027060	CHR3:7027060	SSF x Near_LoA	-9,61049304	-0,037	0,301
CHR3	7027076	CHR3:7027076	SSF x Near_LoA	-8,09522705	-0,101	0,300
CHR3	7027088	CHR3:7027088	SSF x Near_LoA	0,42456981	0,047	0,318
CHR3	7027091	CHR3:7027091	SSF x Near_LoA	-7,88687477	0,136	0,298
CHR3	7027113	CHR3:7027113	SSF x Near_LoA	-9,39021997	0,018	0,310
CHR3	7027129	CHR3:7027129	SSF x Near_LoA	-10,9560866	0,089	0,308
CHR3	7027145	CHR3:7027145	SSF x Near_LoA	-7,11392894	-0,003	0,296
CHR3	7029310	CHR3:7029310	SSF x Near_LoA	-9,10017994	0,048	0,318
CHR3	7029352	CHR3:7029352	SSF x Near_LoA	-10,5346753	-0,063	0,303
CHR3	7029479	CHR3:7029479	SSF x Near_LoA	-12,570224	0,003	0,305
CHR3	7029486	CHR3:7029486	SSF x Near_LoA	-11,0736871	0,079	0,321

CHR3	7029494	CHR3:7029494	SSF x Near_LoA	-8,42552483	-0,087	0,307
CHR3	7029512	CHR3:7029512	SSF x Near_LoA	-9,89589363	0,120	0,314
CHR3	7029531	CHR3:7029531	SSF x Near_LoA	-9,92360288	0,062	0,304
CHR3	7037290	CHR3:7037290	SSF x Near_LoA	-5,60481561	0,127	0,299
CHR3	7037302	CHR3:7037302	SSF x Near_LoA	-5,48201879	0,018	0,310
CHR3	7037331	CHR3:7037331	SSF x Near_LoA	-9,73878237	-0,084	0,316
CHR3	7039657	CHR3:7039657	SSF x Near_LoA	-7,08087894	-0,089	0,318
CHR3	7039743	CHR3:7039743	SSF x Near_LoA	-10,6666993	0,078	0,310
CHR3	7039745	CHR3:7039745	SSF x Near_LoA	-8,60738429	0,127	0,314
CHR3	7039769	CHR3:7039769	SSF x Near_LoA	-9,43318423	0,073	0,309
CHR3	7039797	CHR3:7039797	SSF x Near_LoA	-7,23495731	0,121	0,299
CHR3	7045207	CHR3:7045207	SSF x Near_LoA	-9,97104395	0,044	0,308
CHR3	7045543	CHR3:7045543	SSF x Near_LoA	-9,40753593	0,015	0,310
CHR3	7051896	CHR3:7051896	SSF x Near_LoA	-9,17286615	0,072	0,314
CHR3	7051959	CHR3:7051959	SSF x Near_LoA	-10,8817539	-0,024	0,301
CHR3	7052020	CHR3:7052020	SSF x Near_LoA	-7,3030296	0,040	0,321
CHR3	7052027	CHR3:7052027	SSF x Near_LoA	-10,1875972	0,047	0,300
CHR3	7054372	CHR3:7054372	SSF x Near_LoA	-8,35309516	0,168	0,288
CHR3	7054461	CHR3:7054461	SSF x Near_LoA	-9,37856023	0,009	0,297
CHR3	7054699	CHR3:7054699	SSF x Near_LoA	-6,45491123	0,179	0,288
CHR3	7054764	CHR3:7054764	SSF x Near_LoA	-8,3265862	0,111	0,311
CHR3	7054788	CHR3:7054788	SSF x Near_LoA	-10,381919	0,072	0,303
CHR3	7054817	CHR3:7054817	SSF x Near_LoA	-5,45072059	0,123	0,288
CHR3	7054825	CHR3:7054825	SSF x Near_LoA	-9,81577934	0,055	0,301
CHR3	7057356	CHR3:7057356	SSF x Near_LoA	-10,2949099	0,066	0,312
CHR3	7057372	CHR3:7057372	SSF x Near_LoA	-8,94904872	0,057	0,306
CHR3	7060587	CHR3:7060587	SSF x Near_LoA	-8,62341946	-0,091	0,310
CHR3	7060598	CHR3:7060598	SSF x Near_LoA	-11,1642468	0,006	0,314
CHR3	7060607	CHR3:7060607	SSF x Near_LoA	-10,1811619	0,122	0,308
CHR3	7060624	CHR3:7060624	SSF x Near_LoA	-7,85706657	-0,022	0,304
CHR3	7060637	CHR3:7060637	SSF x Near_LoA	-8,58005174	0,024	0,318
CHR3	7060638	CHR3:7060638	SSF x Near_LoA	-9,97678646	-0,052	0,292
CHR3	7060654	CHR3:7060654	SSF x Near_LoA	-7,20507439	-0,083	0,319
CHR3	7062822	CHR3:7062822	SSF x Near_LoA	-10,5070711	-0,015	0,316
CHR3	7062994	CHR3:7062994	SSF x Near_LoA	-7,07271466	0,121	0,312
CHR3	7065632	CHR3:7065632	SSF x Near_LoA	-7,77900425	0,182	0,306
CHR3	7066567	CHR3:7066567	SSF x Near_LoA	-9,20657816	-0,111	0,321
CHR3	7066739	CHR3:7066739	SSF x Near_LoA	-6,54750205	-0,057	0,300
CHR3	7066775	CHR3:7066775	SSF x Near_LoA	-11,0339674	-0,032	0,315
CHR3	7066780	CHR3:7066780	SSF x Near_LoA	-7,84323836	0,096	0,305
CHR3	7070339	CHR3:7070339	SSF x Near_LoA	-8,27132555	-0,032	0,314
CHR3	7070521	CHR3:7070521	SSF x Near_LoA	-8,39575909	-0,045	0,294
CHR3	7070538	CHR3:7070538	SSF x Near_LoA	-9,15864457	-0,016	0,296
CHR3	7076630	CHR3:7076630	SSF x Near_LoA	-9,81872993	-0,012	0,306
CHR3	7077162	CHR3:7077162	SSF x Near_LoA	-6,89290094	-0,027	0,316
CHR3	7077178	CHR3:7077178	SSF x Near_LoA	-10,9675725	-0,016	0,302
CHR3	7082185	CHR3:7082185	SSF x Near_LoA	-9,45577409	0,069	0,306
CHR3	7082239	CHR3:7082239	SSF x Near_LoA	-10,8002305	0,035	0,322
CHR3	7087516	CHR3:7087516	SSF x Near_LoA	-11,3265737	0,065	0,301
CHR3	7095312	CHR3:7095312	SSF x Near_LoA	-9,7332284	-0,021	0,294
CHR3	7099712	CHR3:7099712	SSF x Near_LoA	-9,35526703	-0,052	0,318
CHR3	7118879	CHR3:7118879	SSF x Near_LoA	-9,53923968	0,075	0,307
CHR3	7118969	CHR3:7118969	SSF x Near_LoA	-10,9453266	-0,025	0,308

CHR3	7119054	CHR3:7119054	SSF x Near_LoA	-7,21611462	-0,110	0,311
CHR3	7125305	CHR3:7125305	SSF x Near_LoA	-10,2353961	0,049	0,303
CHR3	713570	CHR3:713570	SSF x Near_LoA	-9,68407823	0,017	0,309
CHR3	713595	CHR3:713595	SSF x Near_LoA	-8,76419841	0,054	0,290
CHR3	713655	CHR3:713655	SSF x Near_LoA	-9,0616094	0,044	0,299
CHR3	713710	CHR3:713710	SSF x Near_LoA	-11,3572377	-0,070	0,306
CHR3	7148635	CHR3:7148635	SSF x Near_LoA	-7,36117228	-0,071	0,310
CHR3	7148715	CHR3:7148715	SSF x Near_LoA	-6,80650707	-0,160	0,316
CHR3	7160179	CHR3:7160179	SSF x Near_LoA	-8,40365697	0,026	0,293
CHR3	718092	CHR3:718092	SSF x Near_LoA	-9,61311535	-0,106	0,304
CHR3	718106	CHR3:718106	SSF x Near_LoA	-6,5975642	-0,026	0,328
CHR3	718108	CHR3:718108	SSF x Near_LoA	-9,30466563	0,002	0,298
CHR3	718173	CHR3:718173	SSF x Near_LoA	-9,43973859	-0,020	0,314
CHR3	7181884	CHR3:7181884	SSF x Near_LoA	-8,9352515	0,080	0,310
CHR3	7194362	CHR3:7194362	SSF x Near_LoA	-8,12711434	0,108	0,300
CHR3	7198948	CHR3:7198948	SSF x Near_LoA	-4,50506907	0,201	0,307
CHR3	7208933	CHR3:7208933	SSF x Near_LoA	-7,56482123	-0,091	0,315
CHR3	7223179	CHR3:7223179	SSF x Near_LoA	-11,3234784	-0,024	0,298
CHR3	7223312	CHR3:7223312	SSF x Near_LoA	-12,2522095	-0,012	0,295
CHR3	7223336	CHR3:7223336	SSF x Near_LoA	-9,62225112	-0,014	0,308
CHR3	7223339	CHR3:7223339	SSF x Near_LoA	-7,89085891	0,030	0,297
CHR3	7230135	CHR3:7230135	SSF x Near_LoA	-8,77453474	-0,019	0,311
CHR3	7230144	CHR3:7230144	SSF x Near_LoA	-5,66429787	0,135	0,304
CHR3	7230193	CHR3:7230193	SSF x Near_LoA	-11,248904	-0,004	0,308
CHR3	7230194	CHR3:7230194	SSF x Near_LoA	-8,99435747	0,063	0,317
CHR3	7230973	CHR3:7230973	SSF x Near_LoA	-10,8258856	-0,124	0,303
CHR3	7230981	CHR3:7230981	SSF x Near_LoA	-9,29613464	0,015	0,326
CHR3	7240016	CHR3:7240016	SSF x Near_LoA	-9,67966504	-0,035	0,319
CHR3	7245432	CHR3:7245432	SSF x Near_LoA	-9,16778872	-0,049	0,299
CHR3	7245442	CHR3:7245442	SSF x Near_LoA	-8,45418959	-0,001	0,306
CHR3	7245581	CHR3:7245581	SSF x Near_LoA	-10,2906308	0,080	0,291
CHR3	7245686	CHR3:7245686	SSF x Near_LoA	-8,26312064	0,047	0,320
CHR3	7245697	CHR3:7245697	SSF x Near_LoA	-11,2861268	-0,031	0,307
CHR3	7259331	CHR3:7259331	SSF x Near_LoA	-10,510259	-0,005	0,323
CHR3	7278276	CHR3:7278276	SSF x Near_LoA	-8,05024688	0,162	0,307
CHR3	7278374	CHR3:7278374	SSF x Near_LoA	-7,250201	-0,097	0,303
CHR3	7281345	CHR3:7281345	SSF x Near_LoA	-9,88029029	0,030	0,308
CHR3	7287661	CHR3:7287661	SSF x Near_LoA	-9,60528784	0,094	0,294
CHR3	7287712	CHR3:7287712	SSF x Near_LoA	-9,79551665	-0,078	0,304
CHR3	7287720	CHR3:7287720	SSF x Near_LoA	-10,8376352	-0,099	0,311
CHR3	7287735	CHR3:7287735	SSF x Near_LoA	-9,70415375	0,123	0,318
CHR3	7287743	CHR3:7287743	SSF x Near_LoA	-8,16030675	-0,016	0,311
CHR3	7287772	CHR3:7287772	SSF x Near_LoA	-11,3662256	0,135	0,301
CHR3	7287777	CHR3:7287777	SSF x Near_LoA	-9,54987979	0,085	0,308
CHR3	7288490	CHR3:7288490	SSF x Near_LoA	-9,25410026	0,087	0,299
CHR3	7288550	CHR3:7288550	SSF x Near_LoA	-9,36105052	0,049	0,313
CHR3	7290791	CHR3:7290791	SSF x Near_LoA	-8,42114463	-0,088	0,305
CHR3	7290793	CHR3:7290793	SSF x Near_LoA	-10,3740129	-0,012	0,303
CHR3	7291534	CHR3:7291534	SSF x Near_LoA	-9,17152332	0,071	0,293
CHR3	7291552	CHR3:7291552	SSF x Near_LoA	-7,15464103	0,206	0,295
CHR3	7291619	CHR3:7291619	SSF x Near_LoA	-7,64222376	-0,037	0,304
CHR3	7294410	CHR3:7294410	SSF x Near_LoA	-10,2664281	0,031	0,310
CHR3	7294485	CHR3:7294485	SSF x Near_LoA	-10,6182838	-0,046	0,296

CHR3	7294532	CHR3:7294532	SSF x Near_LoA	-9,04112453	-0,062	0,314
CHR3	7295784	CHR3:7295784	SSF x Near_LoA	-8,77362147	0,005	0,312
CHR3	7295818	CHR3:7295818	SSF x Near_LoA	-7,84363196	0,021	0,307
CHR3	7295872	CHR3:7295872	SSF x Near_LoA	-10,0401882	-0,017	0,312
CHR3	7297678	CHR3:7297678	SSF x Near_LoA	-8,32850004	-0,065	0,309
CHR3	7299297	CHR3:7299297	SSF x Near_LoA	-7,64216116	0,098	0,306
CHR3	7307320	CHR3:7307320	SSF x Near_LoA	-5,20912422	-0,138	0,299
CHR3	7307444	CHR3:7307444	SSF x Near_LoA	-8,8136611	0,164	0,302
CHR3	7307451	CHR3:7307451	SSF x Near_LoA	-10,7829535	0,038	0,306
CHR3	7307454	CHR3:7307454	SSF x Near_LoA	-9,65465303	0,030	0,309
CHR3	7307460	CHR3:7307460	SSF x Near_LoA	-6,04960197	0,131	0,296
CHR3	7315335	CHR3:7315335	SSF x Near_LoA	-8,16398136	-0,013	0,314
CHR3	7315337	CHR3:7315337	SSF x Near_LoA	-9,60660496	-0,064	0,302
CHR3	7326131	CHR3:7326131	SSF x Near_LoA	-8,26116176	0,080	0,313
CHR3	7326145	CHR3:7326145	SSF x Near_LoA	-8,6756002	0,074	0,305
CHR3	7326168	CHR3:7326168	SSF x Near_LoA	-10,1090051	-0,098	0,315
CHR3	7326275	CHR3:7326275	SSF x Near_LoA	-8,60598042	-0,016	0,311
CHR3	7326343	CHR3:7326343	SSF x Near_LoA	-9,84372388	-0,055	0,324
CHR3	7327200	CHR3:7327200	SSF x Near_LoA	-8,01483517	-0,025	0,313
CHR3	7327355	CHR3:7327355	SSF x Near_LoA	-8,93931795	-0,113	0,309
CHR3	7327364	CHR3:7327364	SSF x Near_LoA	-10,9630171	-0,003	0,312
CHR3	7328591	CHR3:7328591	SSF x Near_LoA	-11,1077097	-0,050	0,303
CHR3	7329419	CHR3:7329419	SSF x Near_LoA	-9,41493329	0,036	0,293
CHR3	7338381	CHR3:7338381	SSF x Near_LoA	-9,07164809	0,116	0,307
CHR3	7339357	CHR3:7339357	SSF x Near_LoA	-9,33118955	0,016	0,300
CHR3	734242	CHR3:734242	SSF x Near_LoA	-7,74045645	-0,019	0,320
CHR3	734365	CHR3:734365	SSF x Near_LoA	-11,4377094	0,008	0,310
CHR3	734370	CHR3:734370	SSF x Near_LoA	-10,3274005	0,001	0,306
CHR3	7356804	CHR3:7356804	SSF x Near_LoA	-10,7920768	-0,036	0,306
CHR3	7361782	CHR3:7361782	SSF x Near_LoA	-9,32453139	0,030	0,329
CHR3	7361823	CHR3:7361823	SSF x Near_LoA	-6,62602538	0,054	0,304
CHR3	7361879	CHR3:7361879	SSF x Near_LoA	-8,23957327	0,096	0,303
CHR3	7379656	CHR3:7379656	SSF x Near_LoA	-9,15232128	0,013	0,312
CHR3	7379732	CHR3:7379732	SSF x Near_LoA	-8,2911614	0,028	0,317
CHR3	7381229	CHR3:7381229	SSF x Near_LoA	-9,02734148	-0,027	0,296
CHR3	7381280	CHR3:7381280	SSF x Near_LoA	-3,52108176	0,031	0,296
CHR3	7381281	CHR3:7381281	SSF x Near_LoA	-9,13138162	0,029	0,296
CHR3	7381322	CHR3:7381322	SSF x Near_LoA	-9,16297707	0,020	0,291
CHR3	7381329	CHR3:7381329	SSF x Near_LoA	-8,6075657	-0,084	0,313
CHR3	7381358	CHR3:7381358	SSF x Near_LoA	-7,42842726	-0,007	0,302
CHR3	7381580	CHR3:7381580	SSF x Near_LoA	-10,7677414	0,045	0,296
CHR3	7383995	CHR3:7383995	SSF x Near_LoA	-5,91194172	-0,109	0,309
CHR3	7384047	CHR3:7384047	SSF x Near_LoA	-7,26170411	0,112	0,302
CHR3	7384048	CHR3:7384048	SSF x Near_LoA	-7,54099498	0,106	0,301
CHR3	7384049	CHR3:7384049	SSF x Near_LoA	-11,4380005	-0,026	0,304
CHR3	7384069	CHR3:7384069	SSF x Near_LoA	-9,56358009	-0,024	0,285
CHR3	7384080	CHR3:7384080	SSF x Near_LoA	-7,1108997	-0,098	0,311
CHR3	7384098	CHR3:7384098	SSF x Near_LoA	-8,34943843	-0,114	0,307
CHR3	7399668	CHR3:7399668	SSF x Near_LoA	-3,89532057	-0,067	0,309
CHR3	7399950	CHR3:7399950	SSF x Near_LoA	-7,0609057	-0,029	0,319
CHR3	740892	CHR3:740892	SSF x Near_LoA	-7,01713832	0,086	0,296
CHR3	740945	CHR3:740945	SSF x Near_LoA	-6,98178473	0,101	0,303
CHR3	740950	CHR3:740950	SSF x Near_LoA	-10,9884675	-0,018	0,302

CHR3	740998	CHR3:740998	SSF x Near_LoA	-9,85175115	0,023	0,313
CHR3	741082	CHR3:741082	SSF x Near_LoA	-9,2747363	0,042	0,318
CHR3	7413421	CHR3:7413421	SSF x Near_LoA	-7,81770338	-0,085	0,306
CHR3	7413425	CHR3:7413425	SSF x Near_LoA	-9,39598454	0,029	0,314
CHR3	7413492	CHR3:7413492	SSF x Near_LoA	-10,5219872	-0,098	0,297
CHR3	7413554	CHR3:7413554	SSF x Near_LoA	-9,47392677	-0,085	0,304
CHR3	7436155	CHR3:7436155	SSF x Near_LoA	-9,04471398	-0,014	0,312
CHR3	7436227	CHR3:7436227	SSF x Near_LoA	-11,4782325	-0,039	0,303
CHR3	7436253	CHR3:7436253	SSF x Near_LoA	-9,51984731	-0,082	0,309
CHR3	7440204	CHR3:7440204	SSF x Near_LoA	-6,7255275	0,148	0,308
CHR3	7449378	CHR3:7449378	SSF x Near_LoA	-8,86207779	-0,016	0,311
CHR3	7456343	CHR3:7456343	SSF x Near_LoA	-9,05709949	-0,051	0,303
CHR3	7456356	CHR3:7456356	SSF x Near_LoA	-8,56758729	-0,066	0,317
CHR3	7462350	CHR3:7462350	SSF x Near_LoA	-9,35349506	-0,054	0,316
CHR3	7462394	CHR3:7462394	SSF x Near_LoA	-10,1023594	-0,054	0,288
CHR3	7481745	CHR3:7481745	SSF x Near_LoA	-9,30710755	-0,004	0,303
CHR3	7481787	CHR3:7481787	SSF x Near_LoA	-10,137655	0,030	0,299
CHR3	7481813	CHR3:7481813	SSF x Near_LoA	-6,36454233	-0,054	0,312
CHR3	7481863	CHR3:7481863	SSF x Near_LoA	-6,51093215	-0,063	0,319
CHR3	7481934	CHR3:7481934	SSF x Near_LoA	-8,67797832	-0,020	0,300
CHR3	7492985	CHR3:7492985	SSF x Near_LoA	-9,67832693	-0,110	0,307
CHR3	7493121	CHR3:7493121	SSF x Near_LoA	-11,6580369	0,047	0,305
CHR3	7495422	CHR3:7495422	SSF x Near_LoA	-8,8356358	0,019	0,322
CHR3	7495447	CHR3:7495447	SSF x Near_LoA	-7,63287558	0,174	0,305
CHR3	7503274	CHR3:7503274	SSF x Near_LoA	-6,30855613	0,136	0,296
CHR3	752587	CHR3:752587	SSF x Near_LoA	-9,23846844	-0,081	0,312
CHR3	752636	CHR3:752636	SSF x Near_LoA	-8,67340549	0,010	0,304
CHR3	752680	CHR3:752680	SSF x Near_LoA	-8,25701617	0,040	0,301
CHR3	752725	CHR3:752725	SSF x Near_LoA	-10,1756482	0,102	0,302
CHR3	752805	CHR3:752805	SSF x Near_LoA	-2,97156714	0,066	0,315
CHR3	7530855	CHR3:7530855	SSF x Near_LoA	-9,53214556	-0,052	0,304
CHR3	7530909	CHR3:7530909	SSF x Near_LoA	-8,21093999	0,066	0,307
CHR3	7530912	CHR3:7530912	SSF x Near_LoA	-9,9925326	0,044	0,302
CHR3	7530959	CHR3:7530959	SSF x Near_LoA	-5,77152958	-0,031	0,314
CHR3	7536429	CHR3:7536429	SSF x Near_LoA	-10,0995637	-0,028	0,304
CHR3	7536561	CHR3:7536561	SSF x Near_LoA	4,77319797	-0,048	0,309
CHR3	7536567	CHR3:7536567	SSF x Near_LoA	-7,92380248	0,033	0,314
CHR3	7536596	CHR3:7536596	SSF x Near_LoA	-9,37212749	-0,056	0,314
CHR3	7548230	CHR3:7548230	SSF x Near_LoA	-8,5821272	-0,027	0,304
CHR3	7548231	CHR3:7548231	SSF x Near_LoA	-8,10195239	-0,065	0,309
CHR3	7548379	CHR3:7548379	SSF x Near_LoA	-11,2178638	-0,080	0,310
CHR3	7549186	CHR3:7549186	SSF x Near_LoA	-10,155607	-0,005	0,319
CHR3	7551491	CHR3:7551491	SSF x Near_LoA	-10,9886643	-0,074	0,319
CHR3	7551499	CHR3:7551499	SSF x Near_LoA	-10,4213787	-0,079	0,299
CHR3	7555844	CHR3:7555844	SSF x Near_LoA	-9,48449983	-0,015	0,308
CHR3	7559116	CHR3:7559116	SSF x Near_LoA	-7,81468217	-0,025	0,315
CHR3	7559221	CHR3:7559221	SSF x Near_LoA	-8,63613664	0,076	0,294
CHR3	7559336	CHR3:7559336	SSF x Near_LoA	-9,37489872	-0,040	0,306
CHR3	756544	CHR3:756544	SSF x Near_LoA	-9,4546318	-0,069	0,328
CHR3	756595	CHR3:756595	SSF x Near_LoA	-8,74357592	0,003	0,314
CHR3	756682	CHR3:756682	SSF x Near_LoA	-10,3995907	-0,044	0,303
CHR3	7567543	CHR3:7567543	SSF x Near_LoA	-3,45797336	-0,125	0,318
CHR3	7567606	CHR3:7567606	SSF x Near_LoA	-4,88755687	0,014	0,313

CHR3	7571214	CHR3:7571214	SSF x Near_LoA	-8,75882442	0,084	0,298
CHR3	7572740	CHR3:7572740	SSF x Near_LoA	-6,17387424	0,148	0,297
CHR3	7578609	CHR3:7578609	SSF x Near_LoA	-10,5972685	0,013	0,308
CHR3	7578645	CHR3:7578645	SSF x Near_LoA	-11,5115947	-0,019	0,306
CHR3	7578726	CHR3:7578726	SSF x Near_LoA	-8,76001895	0,046	0,293
CHR3	7578737	CHR3:7578737	SSF x Near_LoA	-10,4512963	0,062	0,287
CHR3	7591204	CHR3:7591204	SSF x Near_LoA	-9,79667477	0,008	0,310
CHR3	7591213	CHR3:7591213	SSF x Near_LoA	-7,92563534	0,136	0,303
CHR3	7591218	CHR3:7591218	SSF x Near_LoA	-10,0169405	0,017	0,306
CHR3	7591227	CHR3:7591227	SSF x Near_LoA	-8,41245111	0,027	0,318
CHR3	7605221	CHR3:7605221	SSF x Near_LoA	-11,7489691	0,007	0,297
CHR3	7605389	CHR3:7605389	SSF x Near_LoA	-10,888475	0,027	0,301
CHR3	7609303	CHR3:7609303	SSF x Near_LoA	-8,98176854	-0,029	0,307
CHR3	7609316	CHR3:7609316	SSF x Near_LoA	-8,92586039	0,049	0,316
CHR3	7609321	CHR3:7609321	SSF x Near_LoA	-9,06565839	-0,014	0,314
CHR3	7609370	CHR3:7609370	SSF x Near_LoA	-9,20475137	-0,142	0,298
CHR3	7609391	CHR3:7609391	SSF x Near_LoA	-8,79226116	-0,016	0,305
CHR3	7613446	CHR3:7613446	SSF x Near_LoA	-10,3047953	-0,084	0,290
CHR3	7613461	CHR3:7613461	SSF x Near_LoA	-9,52347349	-0,079	0,295
CHR3	7627215	CHR3:7627215	SSF x Near_LoA	-7,28967385	0,077	0,308
CHR3	7627234	CHR3:7627234	SSF x Near_LoA	-11,0676518	0,058	0,290
CHR3	7627274	CHR3:7627274	SSF x Near_LoA	1,7067692	0,037	0,321
CHR3	7627304	CHR3:7627304	SSF x Near_LoA	-9,09051301	-0,072	0,321
CHR3	7627372	CHR3:7627372	SSF x Near_LoA	-9,33246256	0,009	0,303
CHR3	7630116	CHR3:7630116	SSF x Near_LoA	-10,1931343	0,068	0,307
CHR3	7630138	CHR3:7630138	SSF x Near_LoA	-10,2941921	0,080	0,307
CHR3	7630160	CHR3:7630160	SSF x Near_LoA	-10,8096465	-0,011	0,316
CHR3	7630204	CHR3:7630204	SSF x Near_LoA	-7,19397651	0,173	0,288
CHR3	7630219	CHR3:7630219	SSF x Near_LoA	-7,98353325	0,157	0,294
CHR3	7630249	CHR3:7630249	SSF x Near_LoA	-6,79744117	0,115	0,301
CHR3	7630269	CHR3:7630269	SSF x Near_LoA	-5,76270103	-0,172	0,299
CHR3	7630362	CHR3:7630362	SSF x Near_LoA	4,1826784	0,106	0,299
CHR3	7645065	CHR3:7645065	SSF x Near_LoA	-11,2234495	-0,002	0,318
CHR3	7645092	CHR3:7645092	SSF x Near_LoA	-9,56207347	0,004	0,310
CHR3	7653556	CHR3:7653556	SSF x Near_LoA	-9,5018917	-0,188	0,302
CHR3	7654587	CHR3:7654587	SSF x Near_LoA	-9,03374028	-0,125	0,308
CHR3	7665034	CHR3:7665034	SSF x Near_LoA	-6,8758711	-0,010	0,302
CHR3	7665053	CHR3:7665053	SSF x Near_LoA	-9,56705012	0,067	0,307
CHR3	7665089	CHR3:7665089	SSF x Near_LoA	-5,66788497	0,105	0,312
CHR3	7665091	CHR3:7665091	SSF x Near_LoA	-9,51501678	-0,029	0,302
CHR3	7668123	CHR3:7668123	SSF x Near_LoA	-8,56108871	0,016	0,317
CHR3	7674823	CHR3:7674823	SSF x Near_LoA	-10,8362587	0,052	0,310
CHR3	7676388	CHR3:7676388	SSF x Near_LoA	-8,99608399	-0,015	0,317
CHR3	7681145	CHR3:7681145	SSF x Near_LoA	-9,35550108	-0,095	0,318
CHR3	7681166	CHR3:7681166	SSF x Near_LoA	-8,7948504	-0,027	0,309
CHR3	7681187	CHR3:7681187	SSF x Near_LoA	-11,3861946	0,032	0,302
CHR3	7681303	CHR3:7681303	SSF x Near_LoA	-10,5774235	0,015	0,320
CHR3	7689826	CHR3:7689826	SSF x Near_LoA	-0,78403934	0,154	0,308
CHR3	7689835	CHR3:7689835	SSF x Near_LoA	-10,2254363	0,001	0,303
CHR3	7689836	CHR3:7689836	SSF x Near_LoA	-8,86977803	0,068	0,315
CHR3	7689855	CHR3:7689855	SSF x Near_LoA	-7,8238573	0,087	0,303
CHR3	7701127	CHR3:7701127	SSF x Near_LoA	-9,38101747	-0,021	0,322
CHR3	773366	CHR3:773366	SSF x Near_LoA	-10,669016	-0,064	0,301

CHR3	7733856	CHR3:7733856	SSF x Near_LoA	-8,67778454	-0,093	0,309
CHR3	7733868	CHR3:7733868	SSF x Near_LoA	-8,56942918	0,055	0,324
CHR3	7733890	CHR3:7733890	SSF x Near_LoA	-7,93021521	0,060	0,315
CHR3	7733953	CHR3:7733953	SSF x Near_LoA	-0,73545233	0,048	0,318
CHR3	7734021	CHR3:7734021	SSF x Near_LoA	-9,8546762	-0,097	0,306
CHR3	7738650	CHR3:7738650	SSF x Near_LoA	-9,22141175	0,078	0,302
CHR3	7738694	CHR3:7738694	SSF x Near_LoA	-9,93357152	0,082	0,304
CHR3	7738757	CHR3:7738757	SSF x Near_LoA	-9,7119507	0,129	0,301
CHR3	7738767	CHR3:7738767	SSF x Near_LoA	-8,69777807	-0,057	0,308
CHR3	7738831	CHR3:7738831	SSF x Near_LoA	-9,25778106	0,020	0,310
CHR3	7738895	CHR3:7738895	SSF x Near_LoA	-7,79750026	0,088	0,299
CHR3	7740330	CHR3:7740330	SSF x Near_LoA	-11,9148334	-0,005	0,305
CHR3	7746203	CHR3:7746203	SSF x Near_LoA	-10,6833899	-0,090	0,304
CHR3	7746210	CHR3:7746210	SSF x Near_LoA	-9,73961672	0,034	0,311
CHR3	774768	CHR3:774768	SSF x Near_LoA	-7,97007508	-0,110	0,316
CHR3	7749977	CHR3:7749977	SSF x Near_LoA	-10,1101796	0,057	0,313
CHR3	7750019	CHR3:7750019	SSF x Near_LoA	-10,3548196	-0,040	0,310
CHR3	7750059	CHR3:7750059	SSF x Near_LoA	-9,17630172	-0,040	0,309
CHR3	775019	CHR3:775019	SSF x Near_LoA	-10,9277657	-0,042	0,313
CHR3	7753194	CHR3:7753194	SSF x Near_LoA	-9,18456639	-0,015	0,310
CHR3	7753362	CHR3:7753362	SSF x Near_LoA	-9,05503452	-0,042	0,298
CHR3	7753379	CHR3:7753379	SSF x Near_LoA	-8,5198552	-0,053	0,316
CHR3	7753390	CHR3:7753390	SSF x Near_LoA	-5,71205832	-0,121	0,299
CHR3	7753392	CHR3:7753392	SSF x Near_LoA	-10,8988296	0,074	0,302
CHR3	7753453	CHR3:7753453	SSF x Near_LoA	-5,93831121	0,103	0,321
CHR3	7772076	CHR3:7772076	SSF x Near_LoA	-8,4244998	0,006	0,310
CHR3	7772212	CHR3:7772212	SSF x Near_LoA	-8,64859807	0,027	0,301
CHR3	7778653	CHR3:7778653	SSF x Near_LoA	-8,76869371	0,081	0,299
CHR3	7778719	CHR3:7778719	SSF x Near_LoA	-10,9702127	-0,026	0,309
CHR3	7791360	CHR3:7791360	SSF x Near_LoA	-10,3181385	-0,042	0,294
CHR3	7791387	CHR3:7791387	SSF x Near_LoA	-9,59927433	-0,017	0,305
CHR3	7791437	CHR3:7791437	SSF x Near_LoA	-8,8024361	-0,045	0,308
CHR3	7791469	CHR3:7791469	SSF x Near_LoA	-8,84171107	0,040	0,300
CHR3	7791886	CHR3:7791886	SSF x Near_LoA	-10,0166058	-0,024	0,304
CHR3	7799359	CHR3:7799359	SSF x Near_LoA	-8,67492437	-0,036	0,313
CHR3	7799531	CHR3:7799531	SSF x Near_LoA	-10,5788698	0,157	0,315
CHR3	7799748	CHR3:7799748	SSF x Near_LoA	-10,8324817	0,052	0,310
CHR3	7809158	CHR3:7809158	SSF x Near_LoA	-8,44166806	-0,030	0,310
CHR3	7809175	CHR3:7809175	SSF x Near_LoA	-10,2934878	0,076	0,312
CHR3	7810762	CHR3:7810762	SSF x Near_LoA	-10,6519309	-0,023	0,313
CHR3	7810854	CHR3:7810854	SSF x Near_LoA	-7,93563682	0,053	0,314
CHR3	7810928	CHR3:7810928	SSF x Near_LoA	-8,57188685	0,103	0,309
CHR3	7810985	CHR3:7810985	SSF x Near_LoA	-9,91573018	0,041	0,313
CHR3	7826100	CHR3:7826100	SSF x Near_LoA	-10,3082315	-0,078	0,295
CHR3	7830133	CHR3:7830133	SSF x Near_LoA	-8,5110464	0,119	0,304
CHR3	7830136	CHR3:7830136	SSF x Near_LoA	-9,27061171	0,045	0,317
CHR3	7838919	CHR3:7838919	SSF x Near_LoA	-10,7552288	-0,009	0,303
CHR3	7838967	CHR3:7838967	SSF x Near_LoA	-9,68440785	0,078	0,308
CHR3	7840115	CHR3:7840115	SSF x Near_LoA	-10,1320171	-0,042	0,309
CHR3	785087	CHR3:785087	SSF x Near_LoA	-8,55617817	0,107	0,301
CHR3	7856903	CHR3:7856903	SSF x Near_LoA	-11,7854953	-0,028	0,310
CHR3	7861007	CHR3:7861007	SSF x Near_LoA	-8,84987034	0,050	0,303
CHR3	7861018	CHR3:7861018	SSF x Near_LoA	-9,47811187	0,128	0,289

CHR3	7861023	CHR3:7861023	SSF x Near_LoA	-9,66231007	0,017	0,308
CHR3	7861026	CHR3:7861026	SSF x Near_LoA	-8,55721054	0,007	0,309
CHR3	7861041	CHR3:7861041	SSF x Near_LoA	-9,14928729	-0,067	0,287
CHR3	7861079	CHR3:7861079	SSF x Near_LoA	-11,7645594	0,053	0,319
CHR3	7861111	CHR3:7861111	SSF x Near_LoA	-10,3620184	0,149	0,287
CHR3	7861134	CHR3:7861134	SSF x Near_LoA	-9,45542305	-0,059	0,308
CHR3	7861146	CHR3:7861146	SSF x Near_LoA	-10,3389178	0,005	0,307
CHR3	7861176	CHR3:7861176	SSF x Near_LoA	-8,40225264	0,057	0,305
CHR3	7863321	CHR3:7863321	SSF x Near_LoA	-10,0196133	0,087	0,308
CHR3	7883220	CHR3:7883220	SSF x Near_LoA	-2,15419087	-0,167	0,305
CHR3	7917387	CHR3:7917387	SSF x Near_LoA	-6,36968412	0,021	0,313
CHR3	7928184	CHR3:7928184	SSF x Near_LoA	-11,7485802	0,050	0,309
CHR3	7928205	CHR3:7928205	SSF x Near_LoA	-8,35068587	-0,094	0,304
CHR3	7928392	CHR3:7928392	SSF x Near_LoA	-8,05600217	-0,075	0,301
CHR3	7935309	CHR3:7935309	SSF x Near_LoA	-9,94025949	0,085	0,319
CHR3	7935451	CHR3:7935451	SSF x Near_LoA	-11,7212485	-0,006	0,318
CHR3	7936996	CHR3:7936996	SSF x Near_LoA	-10,862728	-0,010	0,306
CHR3	7937102	CHR3:7937102	SSF x Near_LoA	-10,0154896	0,004	0,305
CHR3	7937165	CHR3:7937165	SSF x Near_LoA	-8,13963682	-0,103	0,310
CHR3	7943623	CHR3:7943623	SSF x Near_LoA	-8,40925737	0,121	0,302
CHR3	7943656	CHR3:7943656	SSF x Near_LoA	-6,6668202	-0,067	0,304
CHR3	7944494	CHR3:7944494	SSF x Near_LoA	-9,56216744	-0,098	0,319
CHR3	7944511	CHR3:7944511	SSF x Near_LoA	-11,0117147	-0,067	0,319
CHR3	7944684	CHR3:7944684	SSF x Near_LoA	2,71736177	-0,115	0,302
CHR3	7951571	CHR3:7951571	SSF x Near_LoA	-9,58774992	0,075	0,309
CHR3	7956146	CHR3:7956146	SSF x Near_LoA	-9,54563757	-0,006	0,322
CHR3	7956209	CHR3:7956209	SSF x Near_LoA	-8,72318347	0,071	0,304
CHR3	7956277	CHR3:7956277	SSF x Near_LoA	-8,6735926	0,083	0,315
CHR3	7968327	CHR3:7968327	SSF x Near_LoA	-8,91789597	0,072	0,315
CHR3	7975362	CHR3:7975362	SSF x Near_LoA	-7,93109163	0,025	0,310
CHR3	7975479	CHR3:7975479	SSF x Near_LoA	-8,44397002	-0,141	0,303
CHR3	7988786	CHR3:7988786	SSF x Near_LoA	-3,74105582	0,070	0,326
CHR3	7989760	CHR3:7989760	SSF x Near_LoA	-8,83931671	0,083	0,314
CHR3	8032586	CHR3:8032586	SSF x Near_LoA	-5,94159309	-0,008	0,309
CHR3	8035811	CHR3:8035811	SSF x Near_LoA	-11,1266308	0,034	0,303
CHR3	8035887	CHR3:8035887	SSF x Near_LoA	-8,22576857	-0,126	0,306
CHR3	8035907	CHR3:8035907	SSF x Near_LoA	-8,5252243	0,050	0,310
CHR3	8035948	CHR3:8035948	SSF x Near_LoA	-10,5256158	0,028	0,308
CHR3	8051878	CHR3:8051878	SSF x Near_LoA	-8,65822168	-0,084	0,309
CHR3	8051917	CHR3:8051917	SSF x Near_LoA	-12,0781413	-0,034	0,299
CHR3	8051995	CHR3:8051995	SSF x Near_LoA	-10,3266199	0,020	0,304
CHR3	8057677	CHR3:8057677	SSF x Near_LoA	-10,4723964	-0,007	0,302
CHR3	8057685	CHR3:8057685	SSF x Near_LoA	-8,02794193	-0,030	0,297
CHR3	8057737	CHR3:8057737	SSF x Near_LoA	-9,81404186	0,056	0,307
CHR3	8057751	CHR3:8057751	SSF x Near_LoA	-8,46447602	-0,002	0,309
CHR3	8058685	CHR3:8058685	SSF x Near_LoA	-8,36333776	-0,064	0,311
CHR3	8065101	CHR3:8065101	SSF x Near_LoA	4,14294486	0,051	0,316
CHR3	8065181	CHR3:8065181	SSF x Near_LoA	-10,5589779	-0,024	0,303
CHR3	8065334	CHR3:8065334	SSF x Near_LoA	-9,71100306	0,109	0,305
CHR3	8065351	CHR3:8065351	SSF x Near_LoA	-7,7065964	0,140	0,298
CHR3	8065388	CHR3:8065388	SSF x Near_LoA	-8,63186054	0,104	0,297
CHR3	8065396	CHR3:8065396	SSF x Near_LoA	-10,3559592	0,081	0,310
CHR3	8067858	CHR3:8067858	SSF x Near_LoA	-9,297258	0,049	0,316

CHR3	8074333	CHR3:8074333	SSF x Near_LoA	-8,85494778	-0,102	0,298
CHR3	8074342	CHR3:8074342	SSF x Near_LoA	-8,32216296	0,086	0,298
CHR3	808509	CHR3:808509	SSF x Near_LoA	-6,41666427	-0,055	0,306
CHR3	808553	CHR3:808553	SSF x Near_LoA	-7,27921756	-0,104	0,306
CHR3	8087416	CHR3:8087416	SSF x Near_LoA	-8,40682724	0,006	0,297
CHR3	8087489	CHR3:8087489	SSF x Near_LoA	-9,30380861	-0,057	0,306
CHR3	8087517	CHR3:8087517	SSF x Near_LoA	-10,8864331	-0,030	0,315
CHR3	8089408	CHR3:8089408	SSF x Near_LoA	-10,1861424	0,048	0,310
CHR3	8089654	CHR3:8089654	SSF x Near_LoA	-4,95699964	-0,001	0,315
CHR3	8101092	CHR3:8101092	SSF x Near_LoA	-8,48796	0,008	0,316
CHR3	8101312	CHR3:8101312	SSF x Near_LoA	-7,71746246	0,058	0,313
CHR3	8104469	CHR3:8104469	SSF x Near_LoA	-11,2385035	-0,073	0,300
CHR3	8104578	CHR3:8104578	SSF x Near_LoA	-5,15652971	-0,130	0,319
CHR3	8107155	CHR3:8107155	SSF x Near_LoA	-6,56801712	0,018	0,302
CHR3	8107225	CHR3:8107225	SSF x Near_LoA	-8,77001776	0,078	0,310
CHR3	8109977	CHR3:8109977	SSF x Near_LoA	-6,14978379	-0,024	0,304
CHR3	8110011	CHR3:8110011	SSF x Near_LoA	-10,2100361	0,042	0,296
CHR3	8110039	CHR3:8110039	SSF x Near_LoA	-8,70954716	-0,084	0,310
CHR3	8110041	CHR3:8110041	SSF x Near_LoA	-6,4963456	-0,036	0,306
CHR3	8110056	CHR3:8110056	SSF x Near_LoA	-7,87875055	-0,163	0,314
CHR3	8110060	CHR3:8110060	SSF x Near_LoA	-8,76979531	-0,136	0,309
CHR3	8110089	CHR3:8110089	SSF x Near_LoA	-10,2634541	-0,012	0,312
CHR3	8110096	CHR3:8110096	SSF x Near_LoA	-9,13398916	-0,017	0,318
CHR3	8110107	CHR3:8110107	SSF x Near_LoA	-10,3544926	0,013	0,311
CHR3	8110146	CHR3:8110146	SSF x Near_LoA	-12,0032085	-0,047	0,298
CHR3	8133828	CHR3:8133828	SSF x Near_LoA	-8,1500408	0,005	0,314
CHR3	8133864	CHR3:8133864	SSF x Near_LoA	-7,69691472	-0,030	0,310
CHR3	814364	CHR3:814364	SSF x Near_LoA	-8,14048977	-0,034	0,304
CHR3	8145863	CHR3:8145863	SSF x Near_LoA	-9,13207863	-0,040	0,320
CHR3	8145998	CHR3:8145998	SSF x Near_LoA	-8,71672073	-0,138	0,302
CHR3	814602	CHR3:814602	SSF x Near_LoA	-10,3356304	-0,015	0,322
CHR3	8155543	CHR3:8155543	SSF x Near_LoA	-8,99701016	0,073	0,292
CHR3	8155572	CHR3:8155572	SSF x Near_LoA	-9,71861169	0,008	0,314
CHR3	8155580	CHR3:8155580	SSF x Near_LoA	-9,85958803	0,005	0,319
CHR3	8155741	CHR3:8155741	SSF x Near_LoA	-10,8580758	0,045	0,314
CHR3	8155770	CHR3:8155770	SSF x Near_LoA	-8,23883781	0,037	0,308
CHR3	8155786	CHR3:8155786	SSF x Near_LoA	-10,7424788	0,033	0,313
CHR3	8155795	CHR3:8155795	SSF x Near_LoA	-9,26768983	0,059	0,304
CHR3	8172184	CHR3:8172184	SSF x Near_LoA	-11,020845	0,030	0,311
CHR3	8172206	CHR3:8172206	SSF x Near_LoA	-8,66025105	0,135	0,296
CHR3	8172414	CHR3:8172414	SSF x Near_LoA	-5,47207547	0,216	0,303
CHR3	8183132	CHR3:8183132	SSF x Near_LoA	-9,98045432	-0,037	0,302
CHR3	8183171	CHR3:8183171	SSF x Near_LoA	-11,465886	0,046	0,303
CHR3	8183218	CHR3:8183218	SSF x Near_LoA	-9,99955529	0,042	0,316
CHR3	8183260	CHR3:8183260	SSF x Near_LoA	-10,1874096	-0,089	0,318
CHR3	8183277	CHR3:8183277	SSF x Near_LoA	-10,6438781	-0,128	0,297
CHR3	8183300	CHR3:8183300	SSF x Near_LoA	-11,5716801	0,055	0,302
CHR3	8183303	CHR3:8183303	SSF x Near_LoA	-6,58355891	-0,067	0,322
CHR3	8189011	CHR3:8189011	SSF x Near_LoA	-11,8249366	0,024	0,294
CHR3	8189062	CHR3:8189062	SSF x Near_LoA	-8,08470544	-0,152	0,303
CHR3	8189092	CHR3:8189092	SSF x Near_LoA	-7,45720504	-0,086	0,314
CHR3	8189113	CHR3:8189113	SSF x Near_LoA	-9,66015707	0,065	0,306
CHR3	8194148	CHR3:8194148	SSF x Near_LoA	-11,342303	0,014	0,301

CHR3	8194325	CHR3:8194325	SSF x Near_LoA	-7,88371229	-0,078	0,302
CHR3	8194328	CHR3:8194328	SSF x Near_LoA	-7,29259521	-0,119	0,298
CHR3	8194380	CHR3:8194380	SSF x Near_LoA	-10,0032337	-0,132	0,292
CHR3	819570	CHR3:819570	SSF x Near_LoA	-7,59566736	0,061	0,306
CHR3	819613	CHR3:819613	SSF x Near_LoA	-7,67179993	0,087	0,304
CHR3	8205500	CHR3:8205500	SSF x Near_LoA	-10,0417877	0,076	0,307
CHR3	821206	CHR3:821206	SSF x Near_LoA	-8,36880278	-0,038	0,307
CHR3	821227	CHR3:821227	SSF x Near_LoA	-8,99514942	-0,053	0,305
CHR3	8213030	CHR3:8213030	SSF x Near_LoA	-7,24507198	-0,149	0,292
CHR3	8213216	CHR3:8213216	SSF x Near_LoA	-7,10858732	-0,090	0,310
CHR3	821324	CHR3:821324	SSF x Near_LoA	-9,27621757	0,040	0,299
CHR3	8215510	CHR3:8215510	SSF x Near_LoA	-6,74418117	-0,196	0,306
CHR3	8215533	CHR3:8215533	SSF x Near_LoA	-8,88541488	0,058	0,297
CHR3	8215569	CHR3:8215569	SSF x Near_LoA	-8,77989815	-0,031	0,310
CHR3	8215577	CHR3:8215577	SSF x Near_LoA	-8,50327123	-0,034	0,304
CHR3	8238680	CHR3:8238680	SSF x Near_LoA	-9,54934676	-0,040	0,309
CHR3	8238735	CHR3:8238735	SSF x Near_LoA	-8,07769585	0,102	0,305
CHR3	8239358	CHR3:8239358	SSF x Near_LoA	-8,17903408	0,037	0,313
CHR3	8239368	CHR3:8239368	SSF x Near_LoA	-8,67468836	-0,005	0,308
CHR3	8244449	CHR3:8244449	SSF x Near_LoA	-7,36100631	0,103	0,311
CHR3	8260564	CHR3:8260564	SSF x Near_LoA	-9,21598341	-0,007	0,308
CHR3	8260578	CHR3:8260578	SSF x Near_LoA	-9,02346383	0,049	0,314
CHR3	8260584	CHR3:8260584	SSF x Near_LoA	-8,6572004	-0,077	0,291
CHR3	8260630	CHR3:8260630	SSF x Near_LoA	-8,38845371	-0,035	0,310
CHR3	8260639	CHR3:8260639	SSF x Near_LoA	-7,9152516	-0,023	0,299
CHR3	8260654	CHR3:8260654	SSF x Near_LoA	-7,87828232	0,035	0,299
CHR3	8260659	CHR3:8260659	SSF x Near_LoA	-10,6863574	-0,019	0,319
CHR3	8260748	CHR3:8260748	SSF x Near_LoA	-9,34790966	-0,056	0,303
CHR3	8264209	CHR3:8264209	SSF x Near_LoA	-11,7419329	-0,033	0,313
CHR3	8264297	CHR3:8264297	SSF x Near_LoA	-8,5877292	-0,031	0,313
CHR3	8264352	CHR3:8264352	SSF x Near_LoA	-0,43227011	0,034	0,315
CHR3	8264366	CHR3:8264366	SSF x Near_LoA	-8,71474419	0,095	0,303
CHR3	8264370	CHR3:8264370	SSF x Near_LoA	-8,33709935	0,061	0,285
CHR3	8264420	CHR3:8264420	SSF x Near_LoA	-9,40341001	-0,099	0,334
CHR3	8264437	CHR3:8264437	SSF x Near_LoA	-8,53983514	-0,089	0,302
CHR3	8273703	CHR3:8273703	SSF x Near_LoA	-7,67068207	-0,129	0,306
CHR3	8273716	CHR3:8273716	SSF x Near_LoA	-9,90515493	-0,097	0,296
CHR3	8273865	CHR3:8273865	SSF x Near_LoA	-6,81823924	-0,032	0,298
CHR3	8273880	CHR3:8273880	SSF x Near_LoA	-11,1977985	-0,089	0,312
CHR3	8288624	CHR3:8288624	SSF x Near_LoA	-7,152628	-0,063	0,305
CHR3	8296994	CHR3:8296994	SSF x Near_LoA	-9,67940581	-0,053	0,301
CHR3	8297009	CHR3:8297009	SSF x Near_LoA	-9,53179507	-0,055	0,301
CHR3	8307619	CHR3:8307619	SSF x Near_LoA	-8,13719223	0,093	0,307
CHR3	8319055	CHR3:8319055	SSF x Near_LoA	-8,72670594	0,094	0,305
CHR3	8325074	CHR3:8325074	SSF x Near_LoA	-8,61061816	0,011	0,322
CHR3	8325115	CHR3:8325115	SSF x Near_LoA	-9,10406688	0,024	0,315
CHR3	8333359	CHR3:8333359	SSF x Near_LoA	-11,1864144	-0,064	0,309
CHR3	8339099	CHR3:8339099	SSF x Near_LoA	-9,41240955	-0,010	0,314
CHR3	8339102	CHR3:8339102	SSF x Near_LoA	-8,37555538	0,125	0,305
CHR3	835322	CHR3:835322	SSF x Near_LoA	-11,9101776	0,017	0,288
CHR3	835340	CHR3:835340	SSF x Near_LoA	-11,071497	0,060	0,305
CHR3	835409	CHR3:835409	SSF x Near_LoA	-9,10563087	-0,027	0,310
CHR3	8382667	CHR3:8382667	SSF x Near_LoA	-11,8042934	0,006	0,301

CHR3	8388495	CHR3:8388495	SSF x Near_LoA	-10,638231	-0,012	0,320
CHR3	8388525	CHR3:8388525	SSF x Near_LoA	-10,1141064	0,071	0,316
CHR3	840413	CHR3:840413	SSF x Near_LoA	-10,0859236	-0,069	0,302
CHR3	840417	CHR3:840417	SSF x Near_LoA	-8,1139965	-0,124	0,300
CHR3	840471	CHR3:840471	SSF x Near_LoA	-7,22397211	-0,043	0,308
CHR3	8408539	CHR3:8408539	SSF x Near_LoA	-10,1204254	0,118	0,317
CHR3	8408563	CHR3:8408563	SSF x Near_LoA	-12,3740811	-0,025	0,302
CHR3	8408568	CHR3:8408568	SSF x Near_LoA	-10,0695371	-0,041	0,304
CHR3	8408612	CHR3:8408612	SSF x Near_LoA	-10,9659986	0,050	0,322
CHR3	8408841	CHR3:8408841	SSF x Near_LoA	-11,5044686	0,057	0,301
CHR3	8417695	CHR3:8417695	SSF x Near_LoA	-8,5564095	0,075	0,314
CHR3	8417809	CHR3:8417809	SSF x Near_LoA	-10,0356796	0,041	0,306
CHR3	8417884	CHR3:8417884	SSF x Near_LoA	-8,65472597	0,115	0,309
CHR3	8417915	CHR3:8417915	SSF x Near_LoA	-7,70188782	-0,002	0,322
CHR3	8429533	CHR3:8429533	SSF x Near_LoA	-10,0393759	0,000	0,300
CHR3	8429593	CHR3:8429593	SSF x Near_LoA	-8,82482184	-0,123	0,315
CHR3	8429597	CHR3:8429597	SSF x Near_LoA	-7,58335372	-0,096	0,299
CHR3	8429603	CHR3:8429603	SSF x Near_LoA	-8,89314638	-0,108	0,302
CHR3	8429612	CHR3:8429612	SSF x Near_LoA	-8,28447654	0,132	0,307
CHR3	8429667	CHR3:8429667	SSF x Near_LoA	-7,04191912	-0,030	0,319
CHR3	8434138	CHR3:8434138	SSF x Near_LoA	-11,4637088	0,004	0,302
CHR3	8434146	CHR3:8434146	SSF x Near_LoA	-8,79792944	-0,082	0,305
CHR3	8434220	CHR3:8434220	SSF x Near_LoA	-6,96602451	-0,115	0,312
CHR3	8434234	CHR3:8434234	SSF x Near_LoA	0,01895861	-0,148	0,299
CHR3	8434314	CHR3:8434314	SSF x Near_LoA	-9,6360687	0,052	0,312
CHR3	8438643	CHR3:8438643	SSF x Near_LoA	-9,8713622	-0,001	0,301
CHR3	8438733	CHR3:8438733	SSF x Near_LoA	-8,27714147	0,107	0,316
CHR3	8438739	CHR3:8438739	SSF x Near_LoA	-10,2914453	-0,035	0,298
CHR3	8441096	CHR3:8441096	SSF x Near_LoA	-8,89660065	0,156	0,293
CHR3	8441110	CHR3:8441110	SSF x Near_LoA	-9,50951506	-0,115	0,319
CHR3	8441115	CHR3:8441115	SSF x Near_LoA	-11,1544438	-0,038	0,304
CHR3	8441154	CHR3:8441154	SSF x Near_LoA	-9,66577938	-0,044	0,320
CHR3	8441587	CHR3:8441587	SSF x Near_LoA	-10,0054172	-0,040	0,321
CHR3	8444733	CHR3:8444733	SSF x Near_LoA	-9,93785998	-0,107	0,301
CHR3	8444964	CHR3:8444964	SSF x Near_LoA	-10,4521812	0,008	0,318
CHR3	8444967	CHR3:8444967	SSF x Near_LoA	-6,5860676	0,120	0,314
CHR3	8458831	CHR3:8458831	SSF x Near_LoA	-10,0608542	0,026	0,303
CHR3	8462740	CHR3:8462740	SSF x Near_LoA	-8,51743605	-0,064	0,303
CHR3	8462784	CHR3:8462784	SSF x Near_LoA	-10,6356296	0,019	0,296
CHR3	8462804	CHR3:8462804	SSF x Near_LoA	-6,71930321	-0,105	0,307
CHR3	8462807	CHR3:8462807	SSF x Near_LoA	-9,3004097	-0,048	0,303
CHR3	8462818	CHR3:8462818	SSF x Near_LoA	-8,94315112	0,007	0,318
CHR3	8462922	CHR3:8462922	SSF x Near_LoA	-9,69354779	-0,062	0,308
CHR3	8474032	CHR3:8474032	SSF x Near_LoA	-8,63521569	-0,113	0,307
CHR3	8487055	CHR3:8487055	SSF x Near_LoA	-7,15756029	-0,026	0,309
CHR3	8487062	CHR3:8487062	SSF x Near_LoA	-9,75463348	-0,055	0,309
CHR3	8487072	CHR3:8487072	SSF x Near_LoA	-6,06395917	-0,100	0,312
CHR3	8487073	CHR3:8487073	SSF x Near_LoA	-10,2189852	-0,067	0,304
CHR3	8487083	CHR3:8487083	SSF x Near_LoA	-9,3716286	-0,065	0,301
CHR3	8487092	CHR3:8487092	SSF x Near_LoA	-9,581634	-0,100	0,311
CHR3	8487111	CHR3:8487111	SSF x Near_LoA	-6,35013679	-0,089	0,311
CHR3	8487170	CHR3:8487170	SSF x Near_LoA	-8,33032042	-0,141	0,312
CHR3	8487183	CHR3:8487183	SSF x Near_LoA	-4,42125089	0,129	0,319

CHR3	8487212	CHR3:8487212	SSF x Near_LoA	-6,06163546	0,175	0,302
CHR3	8488312	CHR3:8488312	SSF x Near_LoA	-11,2630878	-0,021	0,316
CHR3	8488334	CHR3:8488334	SSF x Near_LoA	-9,37017741	-0,058	0,316
CHR3	8488339	CHR3:8488339	SSF x Near_LoA	-7,96926908	-0,064	0,317
CHR3	8488417	CHR3:8488417	SSF x Near_LoA	-8,1215734	-0,053	0,287
CHR3	8494873	CHR3:8494873	SSF x Near_LoA	-8,0510546	0,166	0,294
CHR3	8503331	CHR3:8503331	SSF x Near_LoA	-8,35792857	0,158	0,305
CHR3	8503357	CHR3:8503357	SSF x Near_LoA	-8,07867486	-0,114	0,312
CHR3	8509323	CHR3:8509323	SSF x Near_LoA	-8,72141718	-0,084	0,310
CHR3	8509372	CHR3:8509372	SSF x Near_LoA	-8,17193639	-0,118	0,306
CHR3	8509410	CHR3:8509410	SSF x Near_LoA	-8,957336	-0,093	0,308
CHR3	8509424	CHR3:8509424	SSF x Near_LoA	-7,83468301	-0,008	0,317
CHR3	8509478	CHR3:8509478	SSF x Near_LoA	-8,87445569	-0,030	0,313
CHR3	8511212	CHR3:8511212	SSF x Near_LoA	-8,55667377	0,041	0,311
CHR3	8511215	CHR3:8511215	SSF x Near_LoA	-10,8608354	0,036	0,310
CHR3	8512387	CHR3:8512387	SSF x Near_LoA	-9,15011444	0,023	0,318
CHR3	8512428	CHR3:8512428	SSF x Near_LoA	-7,32414149	-0,007	0,315
CHR3	8521390	CHR3:8521390	SSF x Near_LoA	-8,93128877	-0,077	0,300
CHR3	8521458	CHR3:8521458	SSF x Near_LoA	-9,07253046	-0,083	0,285
CHR3	8528929	CHR3:8528929	SSF x Near_LoA	-11,1691746	0,080	0,302
CHR3	8528957	CHR3:8528957	SSF x Near_LoA	-10,8274939	0,055	0,295
CHR3	8529032	CHR3:8529032	SSF x Near_LoA	-8,69398521	0,078	0,305
CHR3	8537821	CHR3:8537821	SSF x Near_LoA	-5,13337184	0,029	0,304
CHR3	8537867	CHR3:8537867	SSF x Near_LoA	-6,28103688	-0,076	0,299
CHR3	8537906	CHR3:8537906	SSF x Near_LoA	-8,87960959	-0,031	0,321
CHR3	8537907	CHR3:8537907	SSF x Near_LoA	-9,64748763	-0,008	0,311
CHR3	8537909	CHR3:8537909	SSF x Near_LoA	-9,66458151	-0,189	0,316
CHR3	8537922	CHR3:8537922	SSF x Near_LoA	-7,69992246	0,083	0,317
CHR3	8537977	CHR3:8537977	SSF x Near_LoA	-8,69429022	-0,014	0,309
CHR3	8537980	CHR3:8537980	SSF x Near_LoA	-10,186687	-0,022	0,292
CHR3	8543449	CHR3:8543449	SSF x Near_LoA	-8,3728014	-0,096	0,301
CHR3	8546224	CHR3:8546224	SSF x Near_LoA	-11,0353128	-0,084	0,310
CHR3	8546253	CHR3:8546253	SSF x Near_LoA	-8,75279522	0,000	0,310
CHR3	8547209	CHR3:8547209	SSF x Near_LoA	-7,63266713	0,042	0,306
CHR3	8547382	CHR3:8547382	SSF x Near_LoA	-7,5109868	0,127	0,300
CHR3	8547384	CHR3:8547384	SSF x Near_LoA	-11,2208081	0,052	0,296
CHR3	8547458	CHR3:8547458	SSF x Near_LoA	-11,1313798	0,047	0,312
CHR3	8556842	CHR3:8556842	SSF x Near_LoA	-10,7043172	0,026	0,310
CHR3	8556846	CHR3:8556846	SSF x Near_LoA	-9,57817119	-0,030	0,302
CHR3	8556882	CHR3:8556882	SSF x Near_LoA	-8,73743212	-0,002	0,307
CHR3	8566382	CHR3:8566382	SSF x Near_LoA	-10,2381351	0,114	0,309
CHR3	8566475	CHR3:8566475	SSF x Near_LoA	-8,4614953	-0,198	0,301
CHR3	8566478	CHR3:8566478	SSF x Near_LoA	-12,4631464	0,039	0,291
CHR3	8566551	CHR3:8566551	SSF x Near_LoA	-8,40035764	-0,024	0,313
CHR3	8566553	CHR3:8566553	SSF x Near_LoA	-8,61706117	0,038	0,312
CHR3	8566591	CHR3:8566591	SSF x Near_LoA	-6,64063803	0,038	0,301
CHR3	8566627	CHR3:8566627	SSF x Near_LoA	-8,57922347	0,015	0,309
CHR3	8572942	CHR3:8572942	SSF x Near_LoA	-9,13743223	-0,031	0,296
CHR3	8572983	CHR3:8572983	SSF x Near_LoA	-9,46710569	-0,068	0,311
CHR3	8572996	CHR3:8572996	SSF x Near_LoA	-9,56040869	0,047	0,290
CHR3	8573040	CHR3:8573040	SSF x Near_LoA	-8,51174085	0,003	0,319
CHR3	8576836	CHR3:8576836	SSF x Near_LoA	-7,8878006	-0,145	0,307
CHR3	8576867	CHR3:8576867	SSF x Near_LoA	-8,67419253	-0,078	0,313

CHR3	8576884	CHR3:8576884	SSF x Near_LoA	-9,89751884	-0,008	0,315
CHR3	8576893	CHR3:8576893	SSF x Near_LoA	-9,37572017	-0,015	0,312
CHR3	8582510	CHR3:8582510	SSF x Near_LoA	-9,58055134	-0,070	0,301
CHR3	8582655	CHR3:8582655	SSF x Near_LoA	-10,5197006	-0,010	0,298
CHR3	8582673	CHR3:8582673	SSF x Near_LoA	-11,5545978	0,057	0,297
CHR3	8582762	CHR3:8582762	SSF x Near_LoA	-6,56972389	0,144	0,301
CHR3	8589763	CHR3:8589763	SSF x Near_LoA	-7,91268328	-0,061	0,299
CHR3	8589779	CHR3:8589779	SSF x Near_LoA	-8,42230316	-0,067	0,300
CHR3	8589802	CHR3:8589802	SSF x Near_LoA	-8,1053873	-0,039	0,306
CHR3	8589810	CHR3:8589810	SSF x Near_LoA	-10,9942558	0,113	0,289
CHR3	8589959	CHR3:8589959	SSF x Near_LoA	-8,59188676	-0,100	0,313
CHR3	8590005	CHR3:8590005	SSF x Near_LoA	-10,3696015	-0,015	0,313
CHR3	8594881	CHR3:8594881	SSF x Near_LoA	-11,2705055	0,122	0,292
CHR3	8596687	CHR3:8596687	SSF x Near_LoA	-8,8135608	-0,093	0,311
CHR3	8596703	CHR3:8596703	SSF x Near_LoA	-7,10679876	0,037	0,317
CHR3	8596778	CHR3:8596778	SSF x Near_LoA	-8,117774	0,075	0,305
CHR3	8597523	CHR3:8597523	SSF x Near_LoA	-10,173687	0,039	0,297
CHR3	8597530	CHR3:8597530	SSF x Near_LoA	-9,3107225	0,125	0,313
CHR3	8599459	CHR3:8599459	SSF x Near_LoA	-10,7904332	0,020	0,301
CHR3	8599490	CHR3:8599490	SSF x Near_LoA	-6,97710279	-0,196	0,303
CHR3	8599549	CHR3:8599549	SSF x Near_LoA	-9,83233571	-0,022	0,306
CHR3	8602076	CHR3:8602076	SSF x Near_LoA	-8,31781586	0,062	0,306
CHR3	8602116	CHR3:8602116	SSF x Near_LoA	-11,1903045	0,029	0,304
CHR3	8602123	CHR3:8602123	SSF x Near_LoA	-10,2637118	-0,055	0,312
CHR3	8602246	CHR3:8602246	SSF x Near_LoA	-10,9560673	0,069	0,294
CHR3	8602265	CHR3:8602265	SSF x Near_LoA	-10,2702513	-0,016	0,314
CHR3	8602267	CHR3:8602267	SSF x Near_LoA	-7,15492017	-0,039	0,317
CHR3	8602335	CHR3:8602335	SSF x Near_LoA	-11,1983055	0,019	0,302
CHR3	8604890	CHR3:8604890	SSF x Near_LoA	-9,2593103	0,036	0,309
CHR3	8604951	CHR3:8604951	SSF x Near_LoA	-11,3659977	0,010	0,306
CHR3	8612971	CHR3:8612971	SSF x Near_LoA	-8,04178937	-0,049	0,317
CHR3	8612977	CHR3:8612977	SSF x Near_LoA	-10,3561711	0,003	0,320
CHR3	8612984	CHR3:8612984	SSF x Near_LoA	-8,5539479	-0,020	0,331
CHR3	8617728	CHR3:8617728	SSF x Near_LoA	-10,0815152	-0,039	0,308
CHR3	8617816	CHR3:8617816	SSF x Near_LoA	-8,52466061	0,109	0,299
CHR3	8617817	CHR3:8617817	SSF x Near_LoA	-10,4054217	0,116	0,314
CHR3	8617845	CHR3:8617845	SSF x Near_LoA	-9,29439494	0,044	0,301
CHR3	8617865	CHR3:8617865	SSF x Near_LoA	-10,4895232	-0,025	0,309
CHR3	8617874	CHR3:8617874	SSF x Near_LoA	-9,45805471	-0,008	0,307
CHR3	8619706	CHR3:8619706	SSF x Near_LoA	-7,00616659	0,103	0,310
CHR3	8619723	CHR3:8619723	SSF x Near_LoA	-9,17119284	-0,076	0,322
CHR3	8624795	CHR3:8624795	SSF x Near_LoA	-6,7596951	-0,099	0,311
CHR3	8624808	CHR3:8624808	SSF x Near_LoA	-6,31733366	0,142	0,304
CHR3	8624853	CHR3:8624853	SSF x Near_LoA	-8,58259031	0,025	0,321
CHR3	863162	CHR3:863162	SSF x Near_LoA	-8,44897084	-0,011	0,318
CHR3	863167	CHR3:863167	SSF x Near_LoA	-9,37694174	-0,017	0,299
CHR3	8636827	CHR3:8636827	SSF x Near_LoA	-9,02151099	-0,080	0,307
CHR3	8637080	CHR3:8637080	SSF x Near_LoA	-5,07565508	-0,093	0,315
CHR3	8642450	CHR3:8642450	SSF x Near_LoA	-8,78299116	-0,090	0,305
CHR3	8642492	CHR3:8642492	SSF x Near_LoA	-8,1566388	-0,127	0,309
CHR3	8646947	CHR3:8646947	SSF x Near_LoA	-9,22027885	-0,043	0,289
CHR3	8646948	CHR3:8646948	SSF x Near_LoA	-9,55001135	-0,104	0,298
CHR3	8646982	CHR3:8646982	SSF x Near_LoA	-4,89906707	-0,244	0,294

CHR3	8647899	CHR3:8647899	SSF x Near_LoA	-10,6731047	-0,001	0,315
CHR3	8647980	CHR3:8647980	SSF x Near_LoA	-8,74620121	0,028	0,308
CHR3	8654545	CHR3:8654545	SSF x Near_LoA	-9,26393033	0,062	0,302
CHR3	8658852	CHR3:8658852	SSF x Near_LoA	-11,1592062	-0,108	0,284
CHR3	8658881	CHR3:8658881	SSF x Near_LoA	-8,85504396	-0,110	0,300
CHR3	8660432	CHR3:8660432	SSF x Near_LoA	-8,47830531	-0,021	0,310
CHR3	8662586	CHR3:8662586	SSF x Near_LoA	-8,55531728	0,018	0,322
CHR3	8662666	CHR3:8662666	SSF x Near_LoA	-8,59772836	-0,100	0,298
CHR3	8662667	CHR3:8662667	SSF x Near_LoA	-5,08798914	0,062	0,309
CHR3	8669851	CHR3:8669851	SSF x Near_LoA	-9,18524278	-0,075	0,322
CHR3	8674373	CHR3:8674373	SSF x Near_LoA	-8,56551498	-0,078	0,318
CHR3	8674424	CHR3:8674424	SSF x Near_LoA	-10,3809234	0,115	0,304
CHR3	8674425	CHR3:8674425	SSF x Near_LoA	-9,06435504	0,076	0,307
CHR3	8674519	CHR3:8674519	SSF x Near_LoA	-8,78386397	-0,128	0,288
CHR3	8674555	CHR3:8674555	SSF x Near_LoA	-9,31919594	-0,102	0,320
CHR3	8674564	CHR3:8674564	SSF x Near_LoA	-10,7061138	0,131	0,294
CHR3	8674634	CHR3:8674634	SSF x Near_LoA	-8,05386379	-0,109	0,320
CHR3	8677542	CHR3:8677542	SSF x Near_LoA	-8,72200535	-0,121	0,315
CHR3	8677634	CHR3:8677634	SSF x Near_LoA	-8,58018777	-0,054	0,312
CHR3	8686940	CHR3:8686940	SSF x Near_LoA	-8,43301577	-0,180	0,287
CHR3	8687007	CHR3:8687007	SSF x Near_LoA	-10,4514232	0,059	0,302
CHR3	8687076	CHR3:8687076	SSF x Near_LoA	-11,1157201	-0,029	0,313
CHR3	8687104	CHR3:8687104	SSF x Near_LoA	-10,3240222	0,095	0,301
CHR3	8689213	CHR3:8689213	SSF x Near_LoA	-10,8338755	0,007	0,302
CHR3	8689263	CHR3:8689263	SSF x Near_LoA	-10,4215845	0,042	0,308
CHR3	8689292	CHR3:8689292	SSF x Near_LoA	-9,00821509	-0,006	0,315
CHR3	8689295	CHR3:8689295	SSF x Near_LoA	-9,00891857	-0,003	0,312
CHR3	8694953	CHR3:8694953	SSF x Near_LoA	-7,63951325	-0,134	0,309
CHR3	8694977	CHR3:8694977	SSF x Near_LoA	-10,9937113	0,000	0,299
CHR3	8694983	CHR3:8694983	SSF x Near_LoA	-10,475351	0,013	0,321
CHR3	8695047	CHR3:8695047	SSF x Near_LoA	-12,4044186	0,022	0,306
CHR3	8695094	CHR3:8695094	SSF x Near_LoA	-9,71747881	0,023	0,304
CHR3	8695101	CHR3:8695101	SSF x Near_LoA	-7,49662669	0,081	0,319
CHR3	8695109	CHR3:8695109	SSF x Near_LoA	-8,4495249	-0,118	0,294
CHR3	8695144	CHR3:8695144	SSF x Near_LoA	-8,83790382	-0,016	0,304
CHR3	869593	CHR3:869593	SSF x Near_LoA	-8,8525179	0,041	0,310
CHR3	869597	CHR3:869597	SSF x Near_LoA	-5,5615662	0,100	0,303
CHR3	869598	CHR3:869598	SSF x Near_LoA	-9,16816908	0,067	0,302
CHR3	869612	CHR3:869612	SSF x Near_LoA	-8,84682612	0,069	0,296
CHR3	869613	CHR3:869613	SSF x Near_LoA	-9,0135818	0,070	0,309
CHR3	869619	CHR3:869619	SSF x Near_LoA	-8,93466327	0,061	0,313
CHR3	8698562	CHR3:8698562	SSF x Near_LoA	-7,97922318	0,001	0,320
CHR3	8698645	CHR3:8698645	SSF x Near_LoA	-9,22741672	0,044	0,306
CHR3	8698682	CHR3:8698682	SSF x Near_LoA	-7,76452289	-0,027	0,301
CHR3	8699048	CHR3:8699048	SSF x Near_LoA	-9,04342798	0,023	0,299
CHR3	8699066	CHR3:8699066	SSF x Near_LoA	-8,14611841	0,119	0,313
CHR3	8699080	CHR3:8699080	SSF x Near_LoA	-8,67743431	0,144	0,304
CHR3	8699126	CHR3:8699126	SSF x Near_LoA	-9,94444487	-0,004	0,306
CHR3	8707839	CHR3:8707839	SSF x Near_LoA	-10,0415647	0,022	0,293
CHR3	8707847	CHR3:8707847	SSF x Near_LoA	-10,9206482	-0,018	0,308
CHR3	8707872	CHR3:8707872	SSF x Near_LoA	-8,75968156	-0,037	0,307
CHR3	8707879	CHR3:8707879	SSF x Near_LoA	-11,4796311	-0,010	0,301
CHR3	8707927	CHR3:8707927	SSF x Near_LoA	-7,9388599	-0,051	0,319

CHR3	8713786	CHR3:8713786	SSF x Near_LoA	-8,66493077	-0,013	0,327
CHR3	8713789	CHR3:8713789	SSF x Near_LoA	-10,154837	0,047	0,311
CHR3	8713794	CHR3:8713794	SSF x Near_LoA	-9,02191095	0,083	0,315
CHR3	8725269	CHR3:8725269	SSF x Near_LoA	-6,19807039	0,191	0,287
CHR3	8725356	CHR3:8725356	SSF x Near_LoA	-6,58587983	0,152	0,305
CHR3	8750105	CHR3:8750105	SSF x Near_LoA	-9,65105857	0,023	0,315
CHR3	8755160	CHR3:8755160	SSF x Near_LoA	-7,74516165	-0,018	0,306
CHR3	875674	CHR3:875674	SSF x Near_LoA	-9,30386409	-0,099	0,309
CHR3	8780998	CHR3:8780998	SSF x Near_LoA	-10,0045752	-0,010	0,290
CHR3	8781003	CHR3:8781003	SSF x Near_LoA	-6,37538188	-0,020	0,303
CHR3	8781061	CHR3:8781061	SSF x Near_LoA	-6,8745553	0,138	0,312
CHR3	8781063	CHR3:8781063	SSF x Near_LoA	-10,0391436	-0,118	0,308
CHR3	8789172	CHR3:8789172	SSF x Near_LoA	-6,56400116	0,119	0,305
CHR3	879314	CHR3:879314	SSF x Near_LoA	-10,3624289	-0,020	0,287
CHR3	8793192	CHR3:8793192	SSF x Near_LoA	-10,6519971	-0,088	0,307
CHR3	8794284	CHR3:8794284	SSF x Near_LoA	-7,85676956	0,101	0,298
CHR3	8796964	CHR3:8796964	SSF x Near_LoA	-9,94650148	0,079	0,316
CHR3	8797006	CHR3:8797006	SSF x Near_LoA	-10,9343499	-0,011	0,311
CHR3	8803197	CHR3:8803197	SSF x Near_LoA	-11,5370097	0,009	0,315
CHR3	8803201	CHR3:8803201	SSF x Near_LoA	-11,0978166	0,007	0,314
CHR3	8803210	CHR3:8803210	SSF x Near_LoA	-6,63282738	0,123	0,311
CHR3	8803267	CHR3:8803267	SSF x Near_LoA	-9,1209312	0,028	0,300
CHR3	8803359	CHR3:8803359	SSF x Near_LoA	-7,46789116	-0,011	0,308
CHR3	8803367	CHR3:8803367	SSF x Near_LoA	-6,16457573	-0,075	0,323
CHR3	8813738	CHR3:8813738	SSF x Near_LoA	-9,18292898	0,052	0,300
CHR3	8813999	CHR3:8813999	SSF x Near_LoA	-12,1622013	-0,010	0,301
CHR3	8814002	CHR3:8814002	SSF x Near_LoA	-11,2508602	-0,018	0,311
CHR3	8814067	CHR3:8814067	SSF x Near_LoA	-8,17668457	-0,015	0,324
CHR3	8814080	CHR3:8814080	SSF x Near_LoA	-2,26022615	0,072	0,317
CHR3	8814087	CHR3:8814087	SSF x Near_LoA	-8,65188889	0,085	0,301
CHR3	8814139	CHR3:8814139	SSF x Near_LoA	-10,8504299	-0,001	0,300
CHR3	8820507	CHR3:8820507	SSF x Near_LoA	-6,06247198	0,066	0,298
CHR3	8820581	CHR3:8820581	SSF x Near_LoA	-9,57477577	0,011	0,306
CHR3	8820694	CHR3:8820694	SSF x Near_LoA	-9,42469517	0,023	0,304
CHR3	8826430	CHR3:8826430	SSF x Near_LoA	-8,72845477	-0,147	0,292
CHR3	8826431	CHR3:8826431	SSF x Near_LoA	-9,1325742	0,030	0,308
CHR3	8826549	CHR3:8826549	SSF x Near_LoA	-9,43385144	0,093	0,319
CHR3	8826550	CHR3:8826550	SSF x Near_LoA	-8,88278022	-0,033	0,315
CHR3	8832487	CHR3:8832487	SSF x Near_LoA	-7,77007917	-0,156	0,309
CHR3	8832492	CHR3:8832492	SSF x Near_LoA	-9,65013384	0,075	0,311
CHR3	8832575	CHR3:8832575	SSF x Near_LoA	-9,25404286	0,071	0,311
CHR3	883445	CHR3:883445	SSF x Near_LoA	-4,19953757	0,157	0,306
CHR3	883727	CHR3:883727	SSF x Near_LoA	-9,42642653	-0,107	0,303
CHR3	883762	CHR3:883762	SSF x Near_LoA	-7,78926774	-0,060	0,307
CHR3	883832	CHR3:883832	SSF x Near_LoA	-7,69561251	-0,069	0,281
CHR3	8848024	CHR3:8848024	SSF x Near_LoA	-9,76965754	0,016	0,297
CHR3	8848096	CHR3:8848096	SSF x Near_LoA	-8,77466322	0,079	0,294
CHR3	8859272	CHR3:8859272	SSF x Near_LoA	-10,0848489	-0,022	0,299
CHR3	8866796	CHR3:8866796	SSF x Near_LoA	-9,73955688	0,077	0,319
CHR3	8866800	CHR3:8866800	SSF x Near_LoA	-10,5947071	0,094	0,303
CHR3	8866818	CHR3:8866818	SSF x Near_LoA	-12,2386405	-0,005	0,310
CHR3	8866853	CHR3:8866853	SSF x Near_LoA	-11,3430068	-0,043	0,308
CHR3	8903998	CHR3:8903998	SSF x Near_LoA	-8,62905083	0,116	0,309

CHR3	8904073	CHR3:8904073	SSF x Near_LoA	-11,2817893	-0,031	0,306
CHR3	8904130	CHR3:8904130	SSF x Near_LoA	-4,77885801	-0,161	0,323
CHR3	8904132	CHR3:8904132	SSF x Near_LoA	-8,97161665	-0,152	0,317
CHR3	8904156	CHR3:8904156	SSF x Near_LoA	-7,48514186	-0,062	0,309
CHR3	890749	CHR3:890749	SSF x Near_LoA	-7,83614405	0,041	0,316
CHR3	8924963	CHR3:8924963	SSF x Near_LoA	-8,52272295	-0,010	0,305
CHR3	8925063	CHR3:8925063	SSF x Near_LoA	-12,3843233	0,053	0,289
CHR3	8925107	CHR3:8925107	SSF x Near_LoA	-9,65779809	-0,010	0,316
CHR3	8925122	CHR3:8925122	SSF x Near_LoA	-10,7329226	-0,046	0,312
CHR3	8929261	CHR3:8929261	SSF x Near_LoA	-11,2638489	-0,017	0,312
CHR3	8929431	CHR3:8929431	SSF x Near_LoA	-10,9269602	0,121	0,293
CHR3	8929465	CHR3:8929465	SSF x Near_LoA	0,38042392	-0,126	0,292
CHR3	8930480	CHR3:8930480	SSF x Near_LoA	-8,85534302	0,004	0,304
CHR3	8930481	CHR3:8930481	SSF x Near_LoA	-9,48470692	-0,026	0,302
CHR3	8937790	CHR3:8937790	SSF x Near_LoA	-12,2685225	0,036	0,301
CHR3	8937795	CHR3:8937795	SSF x Near_LoA	-8,4558243	0,040	0,320
CHR3	8940483	CHR3:8940483	SSF x Near_LoA	-9,03342098	-0,056	0,283
CHR3	8940489	CHR3:8940489	SSF x Near_LoA	-8,63476621	-0,014	0,295
CHR3	8940499	CHR3:8940499	SSF x Near_LoA	-10,5067569	-0,014	0,302
CHR3	8940534	CHR3:8940534	SSF x Near_LoA	-10,5723696	-0,005	0,305
CHR3	8942824	CHR3:8942824	SSF x Near_LoA	-9,81377705	-0,012	0,320
CHR3	8942946	CHR3:8942946	SSF x Near_LoA	-8,77290116	-0,043	0,313
CHR3	8959604	CHR3:8959604	SSF x Near_LoA	-7,78187	0,100	0,310
CHR3	8959627	CHR3:8959627	SSF x Near_LoA	-9,48458638	-0,035	0,310
CHR3	8966552	CHR3:8966552	SSF x Near_LoA	-7,94113783	0,168	0,301
CHR3	8966720	CHR3:8966720	SSF x Near_LoA	-10,7706652	-0,083	0,309
CHR3	8966772	CHR3:8966772	SSF x Near_LoA	-10,4564717	-0,010	0,308
CHR3	8973411	CHR3:8973411	SSF x Near_LoA	-11,1636741	-0,031	0,300
CHR3	8973414	CHR3:8973414	SSF x Near_LoA	-9,1306789	-0,013	0,309
CHR3	8973442	CHR3:8973442	SSF x Near_LoA	-11,0736852	-0,032	0,306
CHR3	8978703	CHR3:8978703	SSF x Near_LoA	-7,35463252	0,031	0,311
CHR3	8978793	CHR3:8978793	SSF x Near_LoA	-11,8656956	-0,040	0,312
CHR3	8978902	CHR3:8978902	SSF x Near_LoA	-8,53450339	0,082	0,308
CHR3	8994793	CHR3:8994793	SSF x Near_LoA	-9,04488375	0,019	0,315
CHR3	8994799	CHR3:8994799	SSF x Near_LoA	-10,7082269	-0,064	0,298
CHR3	8994960	CHR3:8994960	SSF x Near_LoA	-11,25885	-0,063	0,320
CHR3	8994981	CHR3:8994981	SSF x Near_LoA	-8,37454214	-0,025	0,300
CHR3	9003326	CHR3:9003326	SSF x Near_LoA	-5,27184052	0,117	0,300
CHR3	9005424	CHR3:9005424	SSF x Near_LoA	-9,35982476	-0,020	0,302
CHR3	9005437	CHR3:9005437	SSF x Near_LoA	-8,50380783	-0,040	0,305
CHR3	9005455	CHR3:9005455	SSF x Near_LoA	-11,3212397	-0,102	0,320
CHR3	9005477	CHR3:9005477	SSF x Near_LoA	-9,14529668	0,092	0,301
CHR3	9005495	CHR3:9005495	SSF x Near_LoA	-5,09255457	0,227	0,283
CHR3	9005512	CHR3:9005512	SSF x Near_LoA	-8,71894127	-0,051	0,311
CHR3	9005544	CHR3:9005544	SSF x Near_LoA	-5,42623205	-0,109	0,299
CHR3	9014244	CHR3:9014244	SSF x Near_LoA	-10,234112	0,067	0,297
CHR3	9014578	CHR3:9014578	SSF x Near_LoA	-9,46141615	-0,072	0,296
CHR3	9014581	CHR3:9014581	SSF x Near_LoA	-8,04520515	0,118	0,311
CHR3	9014589	CHR3:9014589	SSF x Near_LoA	-10,8125461	0,060	0,293
CHR3	9023394	CHR3:9023394	SSF x Near_LoA	-10,7231897	0,008	0,304
CHR3	9023438	CHR3:9023438	SSF x Near_LoA	1,88356213	0,032	0,296
CHR3	9023564	CHR3:9023564	SSF x Near_LoA	-10,4360304	-0,085	0,307
CHR3	9023565	CHR3:9023565	SSF x Near_LoA	-12,3078171	0,006	0,301

CHR3	9023735	CHR3:9023735	SSF x Near_LoA	-10,8107859	-0,025	0,305
CHR3	9029979	CHR3:9029979	SSF x Near_LoA	-10,9125538	0,060	0,313
CHR3	9030035	CHR3:9030035	SSF x Near_LoA	-3,55882886	-0,175	0,310
CHR3	9034362	CHR3:9034362	SSF x Near_LoA	-10,9680253	-0,116	0,302
CHR3	9042673	CHR3:9042673	SSF x Near_LoA	-8,17566832	-0,004	0,319
CHR3	9042758	CHR3:9042758	SSF x Near_LoA	-11,0162284	0,030	0,312
CHR3	9042759	CHR3:9042759	SSF x Near_LoA	-9,94196469	0,043	0,318
CHR3	9045526	CHR3:9045526	SSF x Near_LoA	-8,75387355	0,102	0,307
CHR3	9045530	CHR3:9045530	SSF x Near_LoA	-10,4112492	-0,019	0,302
CHR3	9045552	CHR3:9045552	SSF x Near_LoA	-9,53177312	0,096	0,308
CHR3	9045783	CHR3:9045783	SSF x Near_LoA	-11,6459304	0,090	0,298
CHR3	9045784	CHR3:9045784	SSF x Near_LoA	-11,2176693	0,091	0,299
CHR3	9048662	CHR3:9048662	SSF x Near_LoA	-9,34885707	-0,028	0,305
CHR3	9048698	CHR3:9048698	SSF x Near_LoA	-7,89315549	-0,109	0,293
CHR3	9053954	CHR3:9053954	SSF x Near_LoA	-11,4356189	-0,060	0,293
CHR3	9053976	CHR3:9053976	SSF x Near_LoA	-9,27081001	-0,061	0,302
CHR3	9053984	CHR3:9053984	SSF x Near_LoA	-9,10983006	-0,084	0,308
CHR3	9053986	CHR3:9053986	SSF x Near_LoA	-10,4083967	-0,030	0,306
CHR3	9054005	CHR3:9054005	SSF x Near_LoA	-7,09427928	-0,065	0,313
CHR3	9054045	CHR3:9054045	SSF x Near_LoA	-7,45482414	-0,094	0,316
CHR3	9054064	CHR3:9054064	SSF x Near_LoA	-8,42395337	-0,002	0,305
CHR3	9058186	CHR3:9058186	SSF x Near_LoA	-11,0346184	0,001	0,311
CHR3	9058433	CHR3:9058433	SSF x Near_LoA	-8,12407774	-0,078	0,304
CHR3	90600	CHR3:90600	SSF x Near_LoA	-10,0235887	-0,022	0,313
CHR3	9062202	CHR3:9062202	SSF x Near_LoA	-5,53829541	-0,086	0,312
CHR3	9062230	CHR3:9062230	SSF x Near_LoA	-7,68878761	-0,074	0,298
CHR3	9066234	CHR3:9066234	SSF x Near_LoA	-8,76505104	0,070	0,305
CHR3	9066235	CHR3:9066235	SSF x Near_LoA	-9,10781491	0,082	0,298
CHR3	9066236	CHR3:9066236	SSF x Near_LoA	-9,91465955	0,082	0,297
CHR3	9066297	CHR3:9066297	SSF x Near_LoA	-10,9401579	-0,018	0,325
CHR3	9070819	CHR3:9070819	SSF x Near_LoA	-0,60298437	-0,108	0,292
CHR3	9075389	CHR3:9075389	SSF x Near_LoA	-8,43830829	-0,028	0,304
CHR3	9075433	CHR3:9075433	SSF x Near_LoA	-8,24333308	-0,040	0,299
CHR3	9075436	CHR3:9075436	SSF x Near_LoA	-5,90094401	-0,027	0,320
CHR3	9075510	CHR3:9075510	SSF x Near_LoA	-8,68060937	0,000	0,299
CHR3	9079689	CHR3:9079689	SSF x Near_LoA	-10,9422167	-0,013	0,319
CHR3	9079768	CHR3:9079768	SSF x Near_LoA	-9,80068068	0,156	0,297
CHR3	9079785	CHR3:9079785	SSF x Near_LoA	-8,80225086	-0,046	0,306
CHR3	9079853	CHR3:9079853	SSF x Near_LoA	-7,00449695	-0,093	0,304
CHR3	9080092	CHR3:9080092	SSF x Near_LoA	-9,9031117	-0,035	0,300
CHR3	9094337	CHR3:9094337	SSF x Near_LoA	-7,77071323	0,029	0,328
CHR3	9094428	CHR3:9094428	SSF x Near_LoA	-11,934268	0,018	0,301
CHR3	9094481	CHR3:9094481	SSF x Near_LoA	-10,6359233	0,020	0,303
CHR3	9105691	CHR3:9105691	SSF x Near_LoA	-8,62528537	0,076	0,316
CHR3	9105699	CHR3:9105699	SSF x Near_LoA	-2,84666984	-0,031	0,296
CHR3	9105714	CHR3:9105714	SSF x Near_LoA	-8,25581606	0,098	0,300
CHR3	9105715	CHR3:9105715	SSF x Near_LoA	-8,23697749	0,028	0,306
CHR3	9106399	CHR3:9106399	SSF x Near_LoA	-10,6394902	-0,002	0,309
CHR3	9112647	CHR3:9112647	SSF x Near_LoA	-9,90515614	-0,011	0,304
CHR3	9123879	CHR3:9123879	SSF x Near_LoA	-11,1268362	0,003	0,309
CHR3	9125454	CHR3:9125454	SSF x Near_LoA	-11,6776757	-0,005	0,306
CHR3	9125721	CHR3:9125721	SSF x Near_LoA	-7,60890544	0,049	0,317
CHR3	9137869	CHR3:9137869	SSF x Near_LoA	-11,1302258	0,017	0,312

CHR3	9137911	CHR3:9137911	SSF x Near_LoA	-11,317452	-0,027	0,312
CHR3	9143605	CHR3:9143605	SSF x Near_LoA	-2,15534108	0,210	0,301
CHR3	9143609	CHR3:9143609	SSF x Near_LoA	-8,55190417	0,150	0,308
CHR3	9143664	CHR3:9143664	SSF x Near_LoA	-6,26760939	0,133	0,302
CHR3	9151801	CHR3:9151801	SSF x Near_LoA	-7,60629985	0,018	0,310
CHR3	9151944	CHR3:9151944	SSF x Near_LoA	-6,009783	0,090	0,297
CHR3	9151984	CHR3:9151984	SSF x Near_LoA	-9,67107212	-0,091	0,314
CHR3	9156463	CHR3:9156463	SSF x Near_LoA	-9,95626021	0,084	0,311
CHR3	9156487	CHR3:9156487	SSF x Near_LoA	-9,2599212	-0,104	0,290
CHR3	9156514	CHR3:9156514	SSF x Near_LoA	-8,88630159	-0,028	0,304
CHR3	9156592	CHR3:9156592	SSF x Near_LoA	-10,728599	-0,003	0,301
CHR3	9166374	CHR3:9166374	SSF x Near_LoA	-5,33884002	-0,118	0,287
CHR3	9176146	CHR3:9176146	SSF x Near_LoA	-10,8469621	-0,113	0,303
CHR3	9176175	CHR3:9176175	SSF x Near_LoA	-4,54431918	0,226	0,290
CHR3	9176239	CHR3:9176239	SSF x Near_LoA	-7,83922486	-0,006	0,320
CHR3	9184743	CHR3:9184743	SSF x Near_LoA	-7,33480474	-0,016	0,320
CHR3	9184898	CHR3:9184898	SSF x Near_LoA	-8,4502742	0,011	0,301
CHR3	9184957	CHR3:9184957	SSF x Near_LoA	-11,2034969	-0,030	0,313
CHR3	9195559	CHR3:9195559	SSF x Near_LoA	-8,73074169	0,030	0,301
CHR3	9195574	CHR3:9195574	SSF x Near_LoA	-9,9795216	0,050	0,307
CHR3	9195606	CHR3:9195606	SSF x Near_LoA	-9,78028088	0,025	0,316
CHR3	9195609	CHR3:9195609	SSF x Near_LoA	-8,58313623	-0,034	0,320
CHR3	9195684	CHR3:9195684	SSF x Near_LoA	-8,09590107	-0,047	0,311
CHR3	9215133	CHR3:9215133	SSF x Near_LoA	-6,95438731	0,031	0,302
CHR3	9220316	CHR3:9220316	SSF x Near_LoA	-10,2457043	0,000	0,312
CHR3	9220536	CHR3:9220536	SSF x Near_LoA	-9,66427264	-0,026	0,302
CHR3	9220559	CHR3:9220559	SSF x Near_LoA	-7,79843799	-0,064	0,309
CHR3	9220561	CHR3:9220561	SSF x Near_LoA	-1,22551007	0,189	0,299
CHR3	9220562	CHR3:9220562	SSF x Near_LoA	-8,85940544	0,137	0,304
CHR3	9228368	CHR3:9228368	SSF x Near_LoA	-6,59928164	-0,174	0,308
CHR3	9232668	CHR3:9232668	SSF x Near_LoA	-8,19747001	0,087	0,307
CHR3	9232688	CHR3:9232688	SSF x Near_LoA	-8,54175725	-0,021	0,309
CHR3	9232724	CHR3:9232724	SSF x Near_LoA	-10,1389246	0,048	0,296
CHR3	9232753	CHR3:9232753	SSF x Near_LoA	-7,97044209	-0,038	0,305
CHR3	9232767	CHR3:9232767	SSF x Near_LoA	-10,3493677	0,009	0,316
CHR3	9232848	CHR3:9232848	SSF x Near_LoA	-7,96494004	0,100	0,296
CHR3	9240131	CHR3:9240131	SSF x Near_LoA	-8,34109496	-0,063	0,306
CHR3	9244601	CHR3:9244601	SSF x Near_LoA	-8,152093	-0,134	0,299
CHR3	9244604	CHR3:9244604	SSF x Near_LoA	-9,12095514	-0,076	0,307
CHR3	9244615	CHR3:9244615	SSF x Near_LoA	-11,1523497	0,021	0,309
CHR3	9244703	CHR3:9244703	SSF x Near_LoA	-8,68770297	0,056	0,317
CHR3	9250474	CHR3:9250474	SSF x Near_LoA	-9,57960385	-0,063	0,314
CHR3	9250480	CHR3:9250480	SSF x Near_LoA	-10,1608349	0,071	0,305
CHR3	9250492	CHR3:9250492	SSF x Near_LoA	-7,95034073	-0,050	0,312
CHR3	9250500	CHR3:9250500	SSF x Near_LoA	-11,3657108	-0,023	0,299
CHR3	9250541	CHR3:9250541	SSF x Near_LoA	-7,04330844	-0,041	0,309
CHR3	9250545	CHR3:9250545	SSF x Near_LoA	-8,50838863	-0,020	0,308
CHR3	9250548	CHR3:9250548	SSF x Near_LoA	-10,4478425	0,014	0,305
CHR3	9275778	CHR3:9275778	SSF x Near_LoA	-10,7357531	0,013	0,313
CHR3	9286936	CHR3:9286936	SSF x Near_LoA	-7,69866657	-0,084	0,304
CHR3	9286937	CHR3:9286937	SSF x Near_LoA	1,93017775	0,078	0,316
CHR3	9286980	CHR3:9286980	SSF x Near_LoA	-10,0811152	-0,009	0,302
CHR3	9286992	CHR3:9286992	SSF x Near_LoA	-7,28963725	-0,046	0,306

CHR3	9286995	CHR3:9286995	SSF x Near_LoA	-10,8056709	-0,025	0,307
CHR3	9289996	CHR3:9289996	SSF x Near_LoA	-7,67605787	0,029	0,318
CHR3	9290042	CHR3:9290042	SSF x Near_LoA	-7,49777462	-0,133	0,308
CHR3	9290062	CHR3:9290062	SSF x Near_LoA	-9,22102354	0,169	0,295
CHR3	9290102	CHR3:9290102	SSF x Near_LoA	-10,260665	0,059	0,310
CHR3	9300327	CHR3:9300327	SSF x Near_LoA	-11,1936557	-0,027	0,304
CHR3	9303027	CHR3:9303027	SSF x Near_LoA	-9,07550001	-0,026	0,308
CHR3	9303054	CHR3:9303054	SSF x Near_LoA	-8,50214843	-0,046	0,315
CHR3	9303088	CHR3:9303088	SSF x Near_LoA	-10,1477279	0,050	0,302
CHR3	9303145	CHR3:9303145	SSF x Near_LoA	-9,49942284	0,047	0,300
CHR3	9303154	CHR3:9303154	SSF x Near_LoA	-0,05198554	0,025	0,310
CHR3	9303217	CHR3:9303217	SSF x Near_LoA	-11,1851175	0,072	0,312
CHR3	9303259	CHR3:9303259	SSF x Near_LoA	-9,08641122	0,055	0,323
CHR3	9307895	CHR3:9307895	SSF x Near_LoA	-9,08978695	0,091	0,313
CHR3	9307978	CHR3:9307978	SSF x Near_LoA	-9,54344706	0,016	0,300
CHR3	9309800	CHR3:9309800	SSF x Near_LoA	-9,44821448	-0,069	0,312
CHR3	9329813	CHR3:9329813	SSF x Near_LoA	-10,8504245	-0,015	0,308
CHR3	9329815	CHR3:9329815	SSF x Near_LoA	-7,9423189	-0,114	0,302
CHR3	9329816	CHR3:9329816	SSF x Near_LoA	-8,01295365	-0,061	0,314
CHR3	9329825	CHR3:9329825	SSF x Near_LoA	-5,22069546	-0,093	0,307
CHR3	9329831	CHR3:9329831	SSF x Near_LoA	-7,64151248	0,050	0,310
CHR3	9334360	CHR3:9334360	SSF x Near_LoA	-8,7262017	-0,052	0,314
CHR3	9334434	CHR3:9334434	SSF x Near_LoA	-10,0343654	0,076	0,306
CHR3	9334436	CHR3:9334436	SSF x Near_LoA	-7,91419457	-0,155	0,321
CHR3	9334461	CHR3:9334461	SSF x Near_LoA	-7,55962108	0,088	0,311
CHR3	9338142	CHR3:9338142	SSF x Near_LoA	-9,01720776	-0,003	0,308
CHR3	9338174	CHR3:9338174	SSF x Near_LoA	-10,1772086	-0,034	0,317
CHR3	9343527	CHR3:9343527	SSF x Near_LoA	-10,119198	0,001	0,311
CHR3	9343608	CHR3:9343608	SSF x Near_LoA	-9,06920346	0,059	0,306
CHR3	9343681	CHR3:9343681	SSF x Near_LoA	-8,91578384	-0,109	0,311
CHR3	9358918	CHR3:9358918	SSF x Near_LoA	-10,9882619	0,036	0,288
CHR3	9360933	CHR3:9360933	SSF x Near_LoA	-8,81112639	-0,138	0,311
CHR3	9361008	CHR3:9361008	SSF x Near_LoA	-7,75143708	-0,074	0,313
CHR3	9361014	CHR3:9361014	SSF x Near_LoA	-8,52330145	0,131	0,286
CHR3	9361063	CHR3:9361063	SSF x Near_LoA	-6,99594288	0,079	0,307
CHR3	9361159	CHR3:9361159	SSF x Near_LoA	-9,72029974	-0,077	0,311
CHR3	9363349	CHR3:9363349	SSF x Near_LoA	-8,23511188	0,033	0,304
CHR3	9363366	CHR3:9363366	SSF x Near_LoA	-9,48010837	-0,007	0,308
CHR3	9363373	CHR3:9363373	SSF x Near_LoA	-8,49848876	0,014	0,323
CHR3	9365689	CHR3:9365689	SSF x Near_LoA	-10,1797222	0,005	0,319
CHR3	9365714	CHR3:9365714	SSF x Near_LoA	-10,6592352	0,040	0,313
CHR3	9365803	CHR3:9365803	SSF x Near_LoA	-8,34515483	0,122	0,301
CHR3	9375070	CHR3:9375070	SSF x Near_LoA	-8,72802134	0,054	0,305
CHR3	9375133	CHR3:9375133	SSF x Near_LoA	-10,4789508	0,114	0,309
CHR3	9375184	CHR3:9375184	SSF x Near_LoA	-12,0907006	0,043	0,309
CHR3	9375254	CHR3:9375254	SSF x Near_LoA	-12,2019165	0,069	0,300
CHR3	9375258	CHR3:9375258	SSF x Near_LoA	-2,77629187	0,132	0,298
CHR3	9377539	CHR3:9377539	SSF x Near_LoA	-8,38764134	0,089	0,308
CHR3	9377560	CHR3:9377560	SSF x Near_LoA	-6,78079323	0,000	0,309
CHR3	9377579	CHR3:9377579	SSF x Near_LoA	-8,45708434	0,086	0,316
CHR3	9377588	CHR3:9377588	SSF x Near_LoA	-9,6155058	0,016	0,305
CHR3	9377644	CHR3:9377644	SSF x Near_LoA	-11,3217654	0,054	0,306
CHR3	9377669	CHR3:9377669	SSF x Near_LoA	-6,96307096	0,032	0,315

CHR3	9379206	CHR3:9379206	SSF x Near_LoA	-10,7137947	-0,108	0,290
CHR3	9379315	CHR3:9379315	SSF x Near_LoA	-8,88964014	0,038	0,309
CHR3	9379325	CHR3:9379325	SSF x Near_LoA	-12,3142163	-0,017	0,304
CHR3	9379371	CHR3:9379371	SSF x Near_LoA	-7,99463425	0,053	0,295
CHR3	9379425	CHR3:9379425	SSF x Near_LoA	-10,4594107	0,108	0,287
CHR3	9386627	CHR3:9386627	SSF x Near_LoA	-8,90015863	0,002	0,311
CHR3	9394717	CHR3:9394717	SSF x Near_LoA	-10,6488094	-0,121	0,303
CHR3	9394910	CHR3:9394910	SSF x Near_LoA	-12,0861562	0,060	0,303
CHR3	9400539	CHR3:9400539	SSF x Near_LoA	-9,77472451	-0,049	0,319
CHR3	9400592	CHR3:9400592	SSF x Near_LoA	-8,22191984	0,102	0,312
CHR3	9400628	CHR3:9400628	SSF x Near_LoA	-8,98991697	0,083	0,296
CHR3	9409113	CHR3:9409113	SSF x Near_LoA	-10,1149384	-0,032	0,307
CHR3	9409150	CHR3:9409150	SSF x Near_LoA	-9,54365254	-0,042	0,298
CHR3	9409192	CHR3:9409192	SSF x Near_LoA	-6,32660894	-0,103	0,312
CHR3	9409199	CHR3:9409199	SSF x Near_LoA	-9,88674486	0,020	0,302
CHR3	9411788	CHR3:9411788	SSF x Near_LoA	-10,2435971	0,002	0,305
CHR3	9411933	CHR3:9411933	SSF x Near_LoA	-4,80294136	0,048	0,325
CHR3	9411949	CHR3:9411949	SSF x Near_LoA	-7,66580675	0,094	0,324
CHR3	9412960	CHR3:9412960	SSF x Near_LoA	-8,75960008	-0,020	0,311
CHR3	9413096	CHR3:9413096	SSF x Near_LoA	-10,2624288	-0,003	0,296
CHR3	9414786	CHR3:9414786	SSF x Near_LoA	-8,28931712	0,040	0,302
CHR3	9414918	CHR3:9414918	SSF x Near_LoA	-8,30680528	-0,165	0,291
CHR3	9414955	CHR3:9414955	SSF x Near_LoA	-8,79846266	-0,043	0,302
CHR3	9415532	CHR3:9415532	SSF x Near_LoA	-3,84153273	0,124	0,304
CHR3	9426775	CHR3:9426775	SSF x Near_LoA	-11,3468475	-0,033	0,301
CHR3	9426893	CHR3:9426893	SSF x Near_LoA	-9,26583201	-0,016	0,309
CHR3	9450698	CHR3:9450698	SSF x Near_LoA	-11,6431425	-0,037	0,306
CHR3	9450837	CHR3:9450837	SSF x Near_LoA	-10,5077869	0,014	0,313
CHR3	9460762	CHR3:9460762	SSF x Near_LoA	-7,56049923	-0,090	0,308
CHR3	9460763	CHR3:9460763	SSF x Near_LoA	-8,70912819	0,028	0,313
CHR3	9460927	CHR3:9460927	SSF x Near_LoA	-8,69467416	0,002	0,299
CHR3	9468312	CHR3:9468312	SSF x Near_LoA	-8,37147526	-0,052	0,317
CHR3	9477825	CHR3:9477825	SSF x Near_LoA	-5,5960968	0,099	0,309
CHR3	9483724	CHR3:9483724	SSF x Near_LoA	-8,90525081	0,054	0,308
CHR3	9483773	CHR3:9483773	SSF x Near_LoA	-8,75301329	0,045	0,301
CHR3	9487309	CHR3:9487309	SSF x Near_LoA	-7,77358964	-0,103	0,311
CHR3	9487436	CHR3:9487436	SSF x Near_LoA	-10,2312141	-0,007	0,305
CHR3	9487479	CHR3:9487479	SSF x Near_LoA	-11,3263447	0,030	0,304
CHR3	9495901	CHR3:9495901	SSF x Near_LoA	-8,2178405	0,114	0,304
CHR3	9495924	CHR3:9495924	SSF x Near_LoA	-8,75238866	0,116	0,322
CHR3	9496158	CHR3:9496158	SSF x Near_LoA	-10,4497068	-0,062	0,316
CHR3	9497348	CHR3:9497348	SSF x Near_LoA	-10,7457744	-0,070	0,306
CHR3	9497366	CHR3:9497366	SSF x Near_LoA	-9,186761	0,033	0,299
CHR3	9497659	CHR3:9497659	SSF x Near_LoA	-9,73418582	0,014	0,316
CHR3	9497686	CHR3:9497686	SSF x Near_LoA	-7,76791416	0,043	0,311
CHR3	9497710	CHR3:9497710	SSF x Near_LoA	-7,61971657	-0,090	0,305
CHR3	9497757	CHR3:9497757	SSF x Near_LoA	-8,93280764	0,090	0,303
CHR3	9499708	CHR3:9499708	SSF x Near_LoA	-3,85283551	-0,191	0,291
CHR3	9499759	CHR3:9499759	SSF x Near_LoA	-10,1004145	0,096	0,313
CHR3	9499822	CHR3:9499822	SSF x Near_LoA	-7,8417302	-0,135	0,292
CHR3	9499847	CHR3:9499847	SSF x Near_LoA	-9,84617694	0,023	0,300
CHR3	9499849	CHR3:9499849	SSF x Near_LoA	-11,210707	-0,004	0,308
CHR3	9499919	CHR3:9499919	SSF x Near_LoA	-7,90769209	-0,150	0,312

CHR3	9506278	CHR3:9506278	SSF x Near_LoA	-8,85208501	0,170	0,305
CHR3	9523956	CHR3:9523956	SSF x Near_LoA	-10,1913462	-0,060	0,314
CHR3	9526631	CHR3:9526631	SSF x Near_LoA	-11,1625635	-0,042	0,317
CHR3	9526714	CHR3:9526714	SSF x Near_LoA	-7,04976567	-0,091	0,298
CHR3	9526719	CHR3:9526719	SSF x Near_LoA	-9,0959243	-0,054	0,298
CHR3	9526744	CHR3:9526744	SSF x Near_LoA	-9,80553377	-0,064	0,299
CHR3	9529452	CHR3:9529452	SSF x Near_LoA	-10,336201	0,037	0,319
CHR3	9529506	CHR3:9529506	SSF x Near_LoA	-7,94475579	0,032	0,309
CHR3	9550204	CHR3:9550204	SSF x Near_LoA	-7,74985029	0,111	0,307
CHR3	9550229	CHR3:9550229	SSF x Near_LoA	-9,68277837	0,001	0,305
CHR3	9550348	CHR3:9550348	SSF x Near_LoA	-5,42561669	0,151	0,301
CHR3	9550350	CHR3:9550350	SSF x Near_LoA	-10,224696	-0,040	0,306
CHR3	9550377	CHR3:9550377	SSF x Near_LoA	-11,4978859	-0,041	0,303
CHR3	9557680	CHR3:9557680	SSF x Near_LoA	-9,80795349	0,047	0,323
CHR3	9557695	CHR3:9557695	SSF x Near_LoA	-10,0845604	-0,057	0,316
CHR3	9557696	CHR3:9557696	SSF x Near_LoA	-9,12457483	-0,001	0,293
CHR3	9557698	CHR3:9557698	SSF x Near_LoA	-10,9482353	0,016	0,309
CHR3	9557741	CHR3:9557741	SSF x Near_LoA	-9,20173699	0,040	0,301
CHR3	9557746	CHR3:9557746	SSF x Near_LoA	-8,02180136	0,032	0,313
CHR3	9557759	CHR3:9557759	SSF x Near_LoA	-6,80209758	0,031	0,292
CHR3	9565570	CHR3:9565570	SSF x Near_LoA	-8,84099719	0,001	0,309
CHR3	9566700	CHR3:9566700	SSF x Near_LoA	-7,8913582	-0,143	0,303
CHR3	957690	CHR3:957690	SSF x Near_LoA	-8,41312738	-0,127	0,296
CHR3	9586748	CHR3:9586748	SSF x Near_LoA	-11,2431932	-0,061	0,310
CHR3	9603979	CHR3:9603979	SSF x Near_LoA	-4,41337049	-0,076	0,319
CHR3	9603987	CHR3:9603987	SSF x Near_LoA	-12,0547381	0,008	0,318
CHR3	9604013	CHR3:9604013	SSF x Near_LoA	-7,56410173	0,139	0,300
CHR3	9604023	CHR3:9604023	SSF x Near_LoA	-7,63474772	-0,092	0,309
CHR3	9626093	CHR3:9626093	SSF x Near_LoA	-11,0141779	-0,015	0,308
CHR3	9628067	CHR3:9628067	SSF x Near_LoA	-7,96408867	0,102	0,312
CHR3	9628090	CHR3:9628090	SSF x Near_LoA	-7,73492798	0,099	0,306
CHR3	9628091	CHR3:9628091	SSF x Near_LoA	-5,87548428	0,096	0,318
CHR3	9628127	CHR3:9628127	SSF x Near_LoA	-9,44475282	0,102	0,313
CHR3	9628650	CHR3:9628650	SSF x Near_LoA	-11,0937065	-0,025	0,304
CHR3	9634548	CHR3:9634548	SSF x Near_LoA	-9,96695615	0,063	0,306
CHR3	9634574	CHR3:9634574	SSF x Near_LoA	-7,52956968	-0,050	0,298
CHR3	9634663	CHR3:9634663	SSF x Near_LoA	-10,658847	0,063	0,299
CHR3	9641267	CHR3:9641267	SSF x Near_LoA	-9,59307393	0,024	0,304
CHR3	9641318	CHR3:9641318	SSF x Near_LoA	-7,92093314	-0,064	0,309
CHR3	9647700	CHR3:9647700	SSF x Near_LoA	-6,91972429	0,068	0,311
CHR3	9647734	CHR3:9647734	SSF x Near_LoA	-9,3337348	-0,068	0,312
CHR3	9651795	CHR3:9651795	SSF x Near_LoA	-9,52799262	-0,112	0,299
CHR3	9651917	CHR3:9651917	SSF x Near_LoA	-9,35703099	-0,076	0,307
CHR3	966578	CHR3:966578	SSF x Near_LoA	-10,5736413	0,042	0,319
CHR3	967118	CHR3:967118	SSF x Near_LoA	-9,6237599	-0,045	0,301
CHR3	9686286	CHR3:9686286	SSF x Near_LoA	-9,21796544	0,090	0,295
CHR3	9697215	CHR3:9697215	SSF x Near_LoA	-10,4727019	0,029	0,315
CHR3	9702542	CHR3:9702542	SSF x Near_LoA	-9,31523127	0,047	0,314
CHR3	9702559	CHR3:9702559	SSF x Near_LoA	-10,3068239	-0,019	0,307
CHR3	9702602	CHR3:9702602	SSF x Near_LoA	-11,5154231	-0,063	0,303
CHR3	9705436	CHR3:9705436	SSF x Near_LoA	-12,123844	0,025	0,312
CHR3	9708596	CHR3:9708596	SSF x Near_LoA	-11,1761154	0,004	0,315
CHR3	9708600	CHR3:9708600	SSF x Near_LoA	-8,9465417	0,136	0,313

CHR3	9717161	CHR3:9717161	SSF x Near_LoA	-8,44331334	-0,084	0,321
CHR3	9728990	CHR3:9728990	SSF x Near_LoA	-9,20234528	-0,008	0,298
CHR3	9728996	CHR3:9728996	SSF x Near_LoA	-10,1795488	-0,036	0,300
CHR3	9729011	CHR3:9729011	SSF x Near_LoA	-11,1207955	0,096	0,302
CHR3	9729038	CHR3:9729038	SSF x Near_LoA	-8,84220119	0,046	0,306
CHR3	9729336	CHR3:9729336	SSF x Near_LoA	-9,64374119	0,046	0,312
CHR3	9729372	CHR3:9729372	SSF x Near_LoA	-10,2211137	0,144	0,291
CHR3	9732729	CHR3:9732729	SSF x Near_LoA	-8,78723278	-0,102	0,298
CHR3	9732748	CHR3:9732748	SSF x Near_LoA	-6,71640652	0,111	0,306
CHR3	9732749	CHR3:9732749	SSF x Near_LoA	-5,02578857	0,117	0,322
CHR3	9732861	CHR3:9732861	SSF x Near_LoA	-2,53936692	0,074	0,315
CHR3	9749390	CHR3:9749390	SSF x Near_LoA	-8,87482702	-0,022	0,297
CHR3	9749391	CHR3:9749391	SSF x Near_LoA	-4,49914054	0,157	0,294
CHR3	9753798	CHR3:9753798	SSF x Near_LoA	-8,78960644	0,047	0,311
CHR3	9753813	CHR3:9753813	SSF x Near_LoA	-8,90495467	0,070	0,292
CHR3	9753836	CHR3:9753836	SSF x Near_LoA	-11,2944951	0,064	0,304
CHR3	9753906	CHR3:9753906	SSF x Near_LoA	-10,0818523	0,004	0,309
CHR3	9753923	CHR3:9753923	SSF x Near_LoA	-8,44277723	0,041	0,319
CHR3	9756592	CHR3:9756592	SSF x Near_LoA	-9,62727953	-0,106	0,312
CHR3	9756602	CHR3:9756602	SSF x Near_LoA	-8,93198533	0,056	0,304
CHR3	9756622	CHR3:9756622	SSF x Near_LoA	-5,91024544	0,130	0,309
CHR3	9756626	CHR3:9756626	SSF x Near_LoA	-7,4126825	-0,077	0,312
CHR3	9756636	CHR3:9756636	SSF x Near_LoA	-8,83682619	0,019	0,312
CHR3	9756639	CHR3:9756639	SSF x Near_LoA	-4,58609216	0,065	0,301
CHR3	9756642	CHR3:9756642	SSF x Near_LoA	-11,2997395	-0,058	0,319
CHR3	9762561	CHR3:9762561	SSF x Near_LoA	-6,51866427	0,053	0,301
CHR3	9762598	CHR3:9762598	SSF x Near_LoA	-7,12095753	-0,091	0,319
CHR3	9762750	CHR3:9762750	SSF x Near_LoA	-6,73351204	0,134	0,305
CHR3	9762752	CHR3:9762752	SSF x Near_LoA	-5,90484225	-0,145	0,300
CHR3	9768994	CHR3:9768994	SSF x Near_LoA	-8,26763642	0,135	0,309
CHR3	9769019	CHR3:9769019	SSF x Near_LoA	-11,5943118	0,022	0,313
CHR3	9769028	CHR3:9769028	SSF x Near_LoA	-5,29966985	0,182	0,316
CHR3	9770140	CHR3:9770140	SSF x Near_LoA	-9,62780803	0,057	0,308
CHR3	9770163	CHR3:9770163	SSF x Near_LoA	-8,3992237	0,079	0,304
CHR3	9772337	CHR3:9772337	SSF x Near_LoA	-11,7294112	-0,028	0,303
CHR3	9772357	CHR3:9772357	SSF x Near_LoA	-9,46848051	0,077	0,313
CHR3	9772377	CHR3:9772377	SSF x Near_LoA	-7,79208529	0,002	0,322
CHR3	9781473	CHR3:9781473	SSF x Near_LoA	-8,66834	-0,167	0,292
CHR3	9787487	CHR3:9787487	SSF x Near_LoA	-5,73263197	0,050	0,306
CHR3	9790664	CHR3:9790664	SSF x Near_LoA	-11,3270575	-0,050	0,313
CHR3	9790813	CHR3:9790813	SSF x Near_LoA	-9,69120607	-0,150	0,305
CHR3	9790823	CHR3:9790823	SSF x Near_LoA	-10,1760829	-0,015	0,302
CHR3	9790833	CHR3:9790833	SSF x Near_LoA	-6,33466982	-0,120	0,313
CHR3	9806878	CHR3:9806878	SSF x Near_LoA	-11,7469022	-0,001	0,314
CHR3	9808196	CHR3:9808196	SSF x Near_LoA	-11,1161272	-0,147	0,301
CHR3	9813188	CHR3:9813188	SSF x Near_LoA	-9,66912	0,066	0,304
CHR3	9815833	CHR3:9815833	SSF x Near_LoA	-9,9804397	0,010	0,303
CHR3	9815910	CHR3:9815910	SSF x Near_LoA	-5,59826294	0,200	0,298
CHR3	9815961	CHR3:9815961	SSF x Near_LoA	-8,9283716	-0,003	0,306
CHR3	9816015	CHR3:9816015	SSF x Near_LoA	-10,165989	-0,044	0,297
CHR3	9816030	CHR3:9816030	SSF x Near_LoA	-7,84686594	-0,094	0,295
CHR3	9819661	CHR3:9819661	SSF x Near_LoA	-8,12307185	-0,064	0,307
CHR3	9819676	CHR3:9819676	SSF x Near_LoA	-8,45596036	0,045	0,309

CHR3	9819713	CHR3:9819713	SSF x Near_LoA	-8,61825262	0,016	0,308
CHR3	9819715	CHR3:9819715	SSF x Near_LoA	-7,17516959	-0,102	0,312
CHR3	9819729	CHR3:9819729	SSF x Near_LoA	-5,7939556	-0,102	0,310
CHR3	9819752	CHR3:9819752	SSF x Near_LoA	-11,5233907	0,019	0,301
CHR3	9828841	CHR3:9828841	SSF x Near_LoA	-12,099893	0,000	0,308
CHR3	9828996	CHR3:9828996	SSF x Near_LoA	-7,83351455	0,039	0,311
CHR3	9830597	CHR3:9830597	SSF x Near_LoA	-8,10264855	0,134	0,315
CHR3	9830646	CHR3:9830646	SSF x Near_LoA	-8,72732763	-0,041	0,314
CHR3	9830652	CHR3:9830652	SSF x Near_LoA	-10,6022638	0,013	0,317
CHR3	9833928	CHR3:9833928	SSF x Near_LoA	-11,1664364	0,052	0,293
CHR3	9834046	CHR3:9834046	SSF x Near_LoA	-8,44455585	0,065	0,308
CHR3	9834069	CHR3:9834069	SSF x Near_LoA	-6,44716082	0,042	0,315
CHR3	9834117	CHR3:9834117	SSF x Near_LoA	-7,55287876	-0,020	0,322
CHR3	9836506	CHR3:9836506	SSF x Near_LoA	-11,1646562	0,122	0,294
CHR3	9836525	CHR3:9836525	SSF x Near_LoA	-8,19785485	0,047	0,301
CHR3	9836547	CHR3:9836547	SSF x Near_LoA	-11,2711766	0,020	0,305
CHR3	9840861	CHR3:9840861	SSF x Near_LoA	-9,23817061	-0,169	0,299
CHR3	9843670	CHR3:9843670	SSF x Near_LoA	-8,44889552	0,073	0,312
CHR3	9843867	CHR3:9843867	SSF x Near_LoA	-10,4974202	0,042	0,298
CHR3	9843886	CHR3:9843886	SSF x Near_LoA	-7,4051295	0,146	0,284
CHR3	9843906	CHR3:9843906	SSF x Near_LoA	-8,7167432	-0,046	0,302
CHR3	9863554	CHR3:9863554	SSF x Near_LoA	-10,8799896	-0,084	0,313
CHR3	9863654	CHR3:9863654	SSF x Near_LoA	-5,67579034	-0,105	0,314
CHR3	9863695	CHR3:9863695	SSF x Near_LoA	-6,28379505	0,196	0,291
CHR3	9867153	CHR3:9867153	SSF x Near_LoA	-7,27770784	-0,052	0,311
CHR3	9867250	CHR3:9867250	SSF x Near_LoA	-8,02452031	0,077	0,297
CHR3	9872851	CHR3:9872851	SSF x Near_LoA	-10,7813578	-0,003	0,297
CHR3	9872941	CHR3:9872941	SSF x Near_LoA	-11,4931993	0,063	0,310
CHR3	9873009	CHR3:9873009	SSF x Near_LoA	-9,73382513	-0,029	0,317
CHR3	9873037	CHR3:9873037	SSF x Near_LoA	-12,1736378	0,030	0,312
CHR3	9875666	CHR3:9875666	SSF x Near_LoA	-10,7951	0,010	0,307
CHR3	9875702	CHR3:9875702	SSF x Near_LoA	-7,7688766	0,019	0,309
CHR3	9875768	CHR3:9875768	SSF x Near_LoA	-9,69241448	0,038	0,301
CHR3	9875773	CHR3:9875773	SSF x Near_LoA	-10,0504702	0,002	0,306
CHR3	9875881	CHR3:9875881	SSF x Near_LoA	-8,18719146	0,052	0,311
CHR3	9876412	CHR3:9876412	SSF x Near_LoA	-6,80372286	0,087	0,300
CHR3	9876421	CHR3:9876421	SSF x Near_LoA	-8,6968401	0,052	0,306
CHR3	9876468	CHR3:9876468	SSF x Near_LoA	-8,3122635	-0,032	0,307
CHR3	9887493	CHR3:9887493	SSF x Near_LoA	-8,37408034	-0,115	0,306
CHR3	9896864	CHR3:9896864	SSF x Near_LoA	-9,83999654	-0,114	0,315
CHR3	9897053	CHR3:9897053	SSF x Near_LoA	-10,9718846	-0,055	0,303
CHR3	9900159	CHR3:9900159	SSF x Near_LoA	-9,92107735	0,115	0,297
CHR3	9900221	CHR3:9900221	SSF x Near_LoA	-2,99851863	-0,082	0,313
CHR3	9900236	CHR3:9900236	SSF x Near_LoA	-7,9193711	0,068	0,309
CHR3	9900364	CHR3:9900364	SSF x Near_LoA	-10,82911	-0,074	0,313
CHR3	9903121	CHR3:9903121	SSF x Near_LoA	-8,00294132	-0,156	0,304
CHR3	9914447	CHR3:9914447	SSF x Near_LoA	-8,25027665	-0,095	0,305
CHR3	9919708	CHR3:9919708	SSF x Near_LoA	-7,29591118	0,034	0,301
CHR3	9919745	CHR3:9919745	SSF x Near_LoA	-5,46291437	0,050	0,297
CHR3	9919747	CHR3:9919747	SSF x Near_LoA	-11,5775635	0,058	0,314
CHR3	9919759	CHR3:9919759	SSF x Near_LoA	-8,21725529	-0,097	0,301
CHR3	9919765	CHR3:9919765	SSF x Near_LoA	-8,89221866	0,041	0,305
CHR3	9919768	CHR3:9919768	SSF x Near_LoA	-7,62616902	-0,061	0,318

CHR3	9919804	CHR3:9919804	SSF x Near_LoA	-10,8077695	0,060	0,304
CHR3	9926620	CHR3:9926620	SSF x Near_LoA	-11,6469933	0,066	0,306
CHR3	9936228	CHR3:9936228	SSF x Near_LoA	-9,86344923	0,003	0,290
CHR3	9936236	CHR3:9936236	SSF x Near_LoA	-0,83509255	-0,003	0,304
CHR3	9941554	CHR3:9941554	SSF x Near_LoA	-8,19757818	-0,008	0,305
CHR3	9941605	CHR3:9941605	SSF x Near_LoA	-8,67030044	0,102	0,303
CHR3	9941620	CHR3:9941620	SSF x Near_LoA	-10,595139	-0,124	0,300
CHR3	9941651	CHR3:9941651	SSF x Near_LoA	-9,528347	0,135	0,301
CHR3	9941684	CHR3:9941684	SSF x Near_LoA	-2,522717	0,050	0,303
CHR3	9941686	CHR3:9941686	SSF x Near_LoA	-10,5830526	0,121	0,304
CHR3	9941699	CHR3:9941699	SSF x Near_LoA	-10,1449577	0,097	0,307
CHR3	9951902	CHR3:9951902	SSF x Near_LoA	-9,04415812	-0,109	0,317
CHR3	9951945	CHR3:9951945	SSF x Near_LoA	-11,9113725	-0,005	0,308
CHR3	9951983	CHR3:9951983	SSF x Near_LoA	-8,84363174	0,104	0,310
CHR3	9953679	CHR3:9953679	SSF x Near_LoA	-9,51193574	-0,098	0,310
CHR3	9959561	CHR3:9959561	SSF x Near_LoA	-8,90371475	0,040	0,299
CHR3	9959588	CHR3:9959588	SSF x Near_LoA	-7,730187	0,037	0,309
CHR3	9959630	CHR3:9959630	SSF x Near_LoA	-8,5410867	0,032	0,310
CHR3	9959665	CHR3:9959665	SSF x Near_LoA	-9,48760694	0,025	0,305
CHR3	9959669	CHR3:9959669	SSF x Near_LoA	-8,86938031	0,087	0,301
CHR3	9959673	CHR3:9959673	SSF x Near_LoA	-11,093851	-0,012	0,304
CHR3	9961918	CHR3:9961918	SSF x Near_LoA	-8,94942728	-0,156	0,310
CHR3	9994619	CHR3:9994619	SSF x Near_LoA	-6,52412236	0,128	0,316
CHR3	9994623	CHR3:9994623	SSF x Near_LoA	-9,96308729	0,064	0,305
CHR3	9995328	CHR3:9995328	SSF x Near_LoA	-8,36361305	-0,071	0,305
CHR3	9995369	CHR3:9995369	SSF x Near_LoA	-6,4888318	0,040	0,314
CHR3	9995399	CHR3:9995399	SSF x Near_LoA	-8,63729061	-0,008	0,311
CHR4	1000552	CHR4:1000552	SSF x Near_LoA	-10,3139432	0,013	0,297
CHR4	1000674	CHR4:1000674	SSF x Near_LoA	-10,2393379	0,009	0,304
CHR4	1E+07	CHR4:10007925	SSF x Near_LoA	-10,3873976	0,002	0,304
CHR4	1E+07	CHR4:10008151	SSF x Near_LoA	-12,3026078	-0,018	0,312
CHR4	1E+07	CHR4:10008164	SSF x Near_LoA	-9,60826837	-0,084	0,317
CHR4	1E+07	CHR4:10008251	SSF x Near_LoA	-4,58672246	-0,078	0,298
CHR4	1E+07	CHR4:10008267	SSF x Near_LoA	7,57772597	0,167	0,301
CHR4	1E+07	CHR4:10012269	SSF x Near_LoA	-9,04956547	-0,098	0,294
CHR4	1E+07	CHR4:10020064	SSF x Near_LoA	-9,38499781	-0,055	0,305
CHR4	1E+07	CHR4:10020175	SSF x Near_LoA	-7,82105483	0,139	0,301
CHR4	1E+07	CHR4:10045678	SSF x Near_LoA	-9,45119189	0,087	0,311
CHR4	1E+07	CHR4:10058376	SSF x Near_LoA	-11,313944	0,024	0,299
CHR4	1E+07	CHR4:10064728	SSF x Near_LoA	-7,04251857	-0,006	0,309
CHR4	1E+07	CHR4:10114396	SSF x Near_LoA	-9,03683722	-0,016	0,298
CHR4	1E+07	CHR4:10114414	SSF x Near_LoA	-6,27751589	0,179	0,287
CHR4	1E+07	CHR4:10114421	SSF x Near_LoA	-6,83109435	-0,083	0,304
CHR4	1E+07	CHR4:10114480	SSF x Near_LoA	-6,74121425	-0,137	0,315
CHR4	1E+07	CHR4:10122398	SSF x Near_LoA	-9,19482643	0,022	0,290
CHR4	1E+07	CHR4:10122450	SSF x Near_LoA	-8,13502763	-0,183	0,302
CHR4	1E+07	CHR4:10122451	SSF x Near_LoA	-4,41403248	-0,184	0,312
CHR4	1E+07	CHR4:10122502	SSF x Near_LoA	-9,37799643	0,022	0,300
CHR4	1E+07	CHR4:10125025	SSF x Near_LoA	-10,6866443	0,064	0,315
CHR4	1E+07	CHR4:10125039	SSF x Near_LoA	-6,44592059	0,057	0,306
CHR4	1E+07	CHR4:10125043	SSF x Near_LoA	-7,41794093	0,005	0,300
CHR4	1E+07	CHR4:10125119	SSF x Near_LoA	-9,93812932	-0,025	0,296
CHR4	1E+07	CHR4:10125137	SSF x Near_LoA	-7,64666605	-0,163	0,317

CHR4	1E+07	CHR4:10125139	SSF x Near_LoA	-8,19361958	-0,004	0,310
CHR4	1E+07	CHR4:10125189	SSF x Near_LoA	-9,80546358	-0,021	0,296
CHR4	1013815	CHR4:1013815	SSF x Near_LoA	-9,44470959	0,012	0,321
CHR4	1013878	CHR4:1013878	SSF x Near_LoA	-9,28151506	0,022	0,298
CHR4	1E+07	CHR4:10140959	SSF x Near_LoA	-7,48256545	0,006	0,309
CHR4	1E+07	CHR4:10141042	SSF x Near_LoA	-9,81601684	0,090	0,307
CHR4	1E+07	CHR4:10171892	SSF x Near_LoA	-8,0638872	-0,024	0,297
CHR4	1E+07	CHR4:10171945	SSF x Near_LoA	-9,74942628	-0,094	0,314
CHR4	1E+07	CHR4:10171967	SSF x Near_LoA	-8,11541263	0,059	0,309
CHR4	1E+07	CHR4:10171975	SSF x Near_LoA	-6,10968056	0,113	0,302
CHR4	1E+07	CHR4:10171976	SSF x Near_LoA	-7,2672951	0,094	0,307
CHR4	1E+07	CHR4:10180608	SSF x Near_LoA	-9,160312	-0,011	0,313
CHR4	1E+07	CHR4:10180663	SSF x Near_LoA	-10,5495206	-0,103	0,320
CHR4	1E+07	CHR4:10180732	SSF x Near_LoA	-6,86363809	-0,119	0,306
CHR4	1E+07	CHR4:10182923	SSF x Near_LoA	-10,8841261	0,004	0,298
CHR4	1E+07	CHR4:10183026	SSF x Near_LoA	-11,0938097	-0,029	0,309
CHR4	1E+07	CHR4:10188671	SSF x Near_LoA	-11,3029088	0,049	0,312
CHR4	1E+07	CHR4:10195584	SSF x Near_LoA	-11,3480674	0,040	0,308
CHR4	1E+07	CHR4:10195586	SSF x Near_LoA	-10,5601429	0,051	0,311
CHR4	1E+07	CHR4:10195589	SSF x Near_LoA	-10,2773698	0,008	0,304
CHR4	1E+07	CHR4:10195595	SSF x Near_LoA	-5,72439564	-0,009	0,313
CHR4	1E+07	CHR4:10195672	SSF x Near_LoA	-8,22024165	0,038	0,310
CHR4	1E+07	CHR4:10195690	SSF x Near_LoA	-5,19984049	-0,073	0,326
CHR4	1E+07	CHR4:10195700	SSF x Near_LoA	-9,1252161	-0,022	0,293
CHR4	1E+07	CHR4:10195703	SSF x Near_LoA	-9,60026365	0,082	0,299
CHR4	1E+07	CHR4:10196360	SSF x Near_LoA	-9,03207621	0,000	0,313
CHR4	1E+07	CHR4:10196409	SSF x Near_LoA	-9,88309344	0,059	0,302
CHR4	1E+07	CHR4:10201466	SSF x Near_LoA	-9,73464921	-0,036	0,299
CHR4	1E+07	CHR4:10201476	SSF x Near_LoA	-9,61078047	0,055	0,289
CHR4	1E+07	CHR4:10201526	SSF x Near_LoA	-9,65607159	0,003	0,309
CHR4	1E+07	CHR4:10201541	SSF x Near_LoA	-10,2959393	-0,058	0,309
CHR4	1E+07	CHR4:10206085	SSF x Near_LoA	-7,14326963	0,099	0,312
CHR4	1E+07	CHR4:10206086	SSF x Near_LoA	-10,5037085	0,014	0,314
CHR4	1E+07	CHR4:10206105	SSF x Near_LoA	-9,73237659	-0,079	0,305
CHR4	1E+07	CHR4:10206164	SSF x Near_LoA	-7,79075804	-0,027	0,318
CHR4	1E+07	CHR4:10210214	SSF x Near_LoA	-12,0219011	-0,010	0,301
CHR4	1E+07	CHR4:10210815	SSF x Near_LoA	-9,70252099	0,014	0,315
CHR4	1E+07	CHR4:10210816	SSF x Near_LoA	-9,85682848	0,023	0,303
CHR4	1E+07	CHR4:10210817	SSF x Near_LoA	-9,03744415	0,008	0,320
CHR4	1E+07	CHR4:10213788	SSF x Near_LoA	-9,60615895	0,056	0,317
CHR4	1E+07	CHR4:10213829	SSF x Near_LoA	-9,68902392	-0,017	0,316
CHR4	1E+07	CHR4:10213855	SSF x Near_LoA	-8,98580364	0,149	0,288
CHR4	1E+07	CHR4:10213866	SSF x Near_LoA	-8,08848298	-0,146	0,286
CHR4	1E+07	CHR4:10215294	SSF x Near_LoA	-8,40916593	0,038	0,302
CHR4	1E+07	CHR4:10215399	SSF x Near_LoA	-11,1590367	0,034	0,308
CHR4	1E+07	CHR4:10223315	SSF x Near_LoA	-1,04351771	0,023	0,305
CHR4	1E+07	CHR4:10223355	SSF x Near_LoA	-9,57959802	-0,099	0,307
CHR4	1E+07	CHR4:10223363	SSF x Near_LoA	-6,46360408	-0,091	0,315
CHR4	1E+07	CHR4:10224162	SSF x Near_LoA	-10,8531064	0,031	0,299
CHR4	1E+07	CHR4:10224191	SSF x Near_LoA	-10,3762318	0,106	0,305
CHR4	1E+07	CHR4:10224255	SSF x Near_LoA	-9,55488577	0,076	0,314
CHR4	1022889	CHR4:1022889	SSF x Near_LoA	-7,99845794	-0,096	0,317
CHR4	1022902	CHR4:1022902	SSF x Near_LoA	-8,65310155	0,086	0,310

CHR4	1E+07	CHR4:10229695	SSF x Near_LoA	-9,46155873	-0,044	0,302
CHR4	1E+07	CHR4:10229697	SSF x Near_LoA	-8,1956678	0,057	0,310
CHR4	1E+07	CHR4:10229711	SSF x Near_LoA	-4,60927268	0,137	0,291
CHR4	1E+07	CHR4:10229720	SSF x Near_LoA	-8,55078476	0,049	0,298
CHR4	1E+07	CHR4:10229750	SSF x Near_LoA	-9,03179683	-0,075	0,299
CHR4	1E+07	CHR4:10229758	SSF x Near_LoA	-8,20564304	-0,141	0,294
CHR4	1E+07	CHR4:10229761	SSF x Near_LoA	-10,0821107	-0,075	0,311
CHR4	1E+07	CHR4:10229772	SSF x Near_LoA	-9,10219351	0,040	0,293
CHR4	1E+07	CHR4:10229774	SSF x Near_LoA	-10,4329135	-0,056	0,314
CHR4	1E+07	CHR4:10229866	SSF x Near_LoA	-8,42983762	0,110	0,315
CHR4	1E+07	CHR4:10229889	SSF x Near_LoA	-10,2064691	0,111	0,305
CHR4	1E+07	CHR4:10229892	SSF x Near_LoA	-9,37709609	0,120	0,289
CHR4	1E+07	CHR4:10229895	SSF x Near_LoA	-8,0254829	0,134	0,306
CHR4	1E+07	CHR4:10229931	SSF x Near_LoA	-10,6715278	-0,083	0,306
CHR4	1E+07	CHR4:10229947	SSF x Near_LoA	-6,05462685	0,180	0,298
CHR4	1E+07	CHR4:10234338	SSF x Near_LoA	-7,73081061	-0,080	0,319
CHR4	1E+07	CHR4:10234340	SSF x Near_LoA	-10,5384039	-0,059	0,311
CHR4	1E+07	CHR4:10241669	SSF x Near_LoA	-7,03890753	-0,118	0,302
CHR4	1E+07	CHR4:10241717	SSF x Near_LoA	-7,01743349	0,085	0,305
CHR4	1E+07	CHR4:10241857	SSF x Near_LoA	-8,30021357	-0,126	0,315
CHR4	1E+07	CHR4:10247542	SSF x Near_LoA	-6,78391382	0,018	0,309
CHR4	1E+07	CHR4:10247575	SSF x Near_LoA	-11,5526521	0,021	0,302
CHR4	1E+07	CHR4:10247583	SSF x Near_LoA	-8,84126398	0,108	0,312
CHR4	1E+07	CHR4:10247602	SSF x Near_LoA	-5,77340695	0,031	0,312
CHR4	1E+07	CHR4:10247607	SSF x Near_LoA	-10,6941037	0,032	0,306
CHR4	1E+07	CHR4:10249785	SSF x Near_LoA	-7,57361537	0,133	0,302
CHR4	1E+07	CHR4:10249790	SSF x Near_LoA	-5,25849918	-0,175	0,298
CHR4	1E+07	CHR4:10249815	SSF x Near_LoA	-10,0472922	0,028	0,311
CHR4	1E+07	CHR4:10249854	SSF x Near_LoA	-6,08531352	-0,155	0,298
CHR4	1E+07	CHR4:10249981	SSF x Near_LoA	-10,2570414	-0,093	0,301
CHR4	1E+07	CHR4:10250024	SSF x Near_LoA	-7,07718116	-0,155	0,310
CHR4	1E+07	CHR4:10254925	SSF x Near_LoA	-5,24942581	-0,101	0,295
CHR4	1E+07	CHR4:10255687	SSF x Near_LoA	-10,3408432	-0,048	0,292
CHR4	1E+07	CHR4:10255817	SSF x Near_LoA	-9,7584423	0,009	0,308
CHR4	1E+07	CHR4:10272162	SSF x Near_LoA	-8,29342272	-0,084	0,312
CHR4	1E+07	CHR4:10272321	SSF x Near_LoA	-11,0819049	0,058	0,300
CHR4	1E+07	CHR4:10272356	SSF x Near_LoA	-2,20263788	0,142	0,294
CHR4	1028165	CHR4:1028165	SSF x Near_LoA	-7,00169302	-0,186	0,294
CHR4	1E+07	CHR4:10283806	SSF x Near_LoA	-10,4326119	0,023	0,299
CHR4	1E+07	CHR4:10283809	SSF x Near_LoA	-6,79290422	0,096	0,297
CHR4	1E+07	CHR4:10283834	SSF x Near_LoA	-5,1521909	-0,131	0,310
CHR4	1E+07	CHR4:10283912	SSF x Near_LoA	-7,28343505	0,155	0,292
CHR4	1E+07	CHR4:10283916	SSF x Near_LoA	-5,65013529	0,125	0,312
CHR4	1E+07	CHR4:10283922	SSF x Near_LoA	-5,56211886	0,147	0,304
CHR4	1E+07	CHR4:10283924	SSF x Near_LoA	-7,45806904	0,105	0,300
CHR4	1E+07	CHR4:10283967	SSF x Near_LoA	-3,40352714	0,155	0,300
CHR4	1E+07	CHR4:10283982	SSF x Near_LoA	-7,16979095	0,136	0,297
CHR4	1E+07	CHR4:10283984	SSF x Near_LoA	-6,74531203	0,154	0,291
CHR4	1E+07	CHR4:10284002	SSF x Near_LoA	-8,71909564	-0,029	0,301
CHR4	1E+07	CHR4:10293210	SSF x Near_LoA	-2,30475422	-0,013	0,315
CHR4	1E+07	CHR4:10293236	SSF x Near_LoA	-9,06987366	-0,007	0,323
CHR4	1E+07	CHR4:10293276	SSF x Near_LoA	-10,7688302	-0,095	0,295
CHR4	1E+07	CHR4:10320502	SSF x Near_LoA	-9,27045579	-0,042	0,301

CHR4	1E+07	CHR4:10320639	SSF x Near_LoA	-9,94009578	-0,022	0,311
CHR4	1E+07	CHR4:10325932	SSF x Near_LoA	-10,6799515	-0,039	0,298
CHR4	1E+07	CHR4:10325946	SSF x Near_LoA	-5,47250436	-0,065	0,308
CHR4	1E+07	CHR4:10325962	SSF x Near_LoA	-7,58430142	-0,016	0,296
CHR4	1E+07	CHR4:10325968	SSF x Near_LoA	-10,3850019	-0,020	0,297
CHR4	1E+07	CHR4:10325975	SSF x Near_LoA	-10,0996316	0,066	0,298
CHR4	1E+07	CHR4:10338696	SSF x Near_LoA	-9,5432135	0,067	0,306
CHR4	1E+07	CHR4:10338800	SSF x Near_LoA	-8,85392101	-0,073	0,310
CHR4	1E+07	CHR4:10338819	SSF x Near_LoA	-9,25793176	0,095	0,302
CHR4	1E+07	CHR4:10338826	SSF x Near_LoA	-10,3474711	-0,088	0,296
CHR4	1E+07	CHR4:10338854	SSF x Near_LoA	-11,0260415	-0,063	0,304
CHR4	1E+07	CHR4:10349473	SSF x Near_LoA	-8,39625579	0,021	0,285
CHR4	1E+07	CHR4:10349539	SSF x Near_LoA	-9,1035239	-0,067	0,307
CHR4	1E+07	CHR4:10349613	SSF x Near_LoA	-9,07253689	-0,063	0,322
CHR4	1E+07	CHR4:10370140	SSF x Near_LoA	-8,95960489	-0,030	0,296
CHR4	1E+07	CHR4:10370229	SSF x Near_LoA	-7,92332105	-0,040	0,294
CHR4	1E+07	CHR4:10373491	SSF x Near_LoA	-10,0122243	-0,010	0,314
CHR4	1E+07	CHR4:10383328	SSF x Near_LoA	-11,3366537	0,080	0,311
CHR4	1E+07	CHR4:10383356	SSF x Near_LoA	-10,1420132	0,047	0,315
CHR4	1039230	CHR4:1039230	SSF x Near_LoA	-6,83970422	0,056	0,300
CHR4	1E+07	CHR4:10393125	SSF x Near_LoA	-9,91845713	0,034	0,305
CHR4	1E+07	CHR4:10393142	SSF x Near_LoA	-8,58282044	-0,021	0,302
CHR4	1E+07	CHR4:10393198	SSF x Near_LoA	-7,57611325	0,103	0,312
CHR4	1E+07	CHR4:10393243	SSF x Near_LoA	-7,02782947	-0,096	0,322
CHR4	1E+07	CHR4:10393269	SSF x Near_LoA	-9,93443898	-0,004	0,310
CHR4	1E+07	CHR4:10393276	SSF x Near_LoA	-8,0876698	0,085	0,307
CHR4	1E+07	CHR4:10393287	SSF x Near_LoA	-11,3463593	0,050	0,298
CHR4	1E+07	CHR4:10393326	SSF x Near_LoA	-8,5422545	-0,128	0,306
CHR4	1E+07	CHR4:10393359	SSF x Near_LoA	-9,7675215	-0,086	0,294
CHR4	1E+07	CHR4:10396888	SSF x Near_LoA	-10,9729683	-0,119	0,316
CHR4	1E+07	CHR4:10396952	SSF x Near_LoA	-11,6270955	-0,012	0,305
CHR4	1E+07	CHR4:10397194	SSF x Near_LoA	-11,687622	-0,042	0,317
CHR4	1E+07	CHR4:10410335	SSF x Near_LoA	-9,46595942	-0,032	0,304
CHR4	1E+07	CHR4:10410343	SSF x Near_LoA	-8,90755799	0,132	0,309
CHR4	1E+07	CHR4:10410347	SSF x Near_LoA	-9,58801691	-0,032	0,316
CHR4	1E+07	CHR4:10410354	SSF x Near_LoA	-9,5427121	0,014	0,298
CHR4	1E+07	CHR4:10410408	SSF x Near_LoA	-8,66820505	-0,121	0,297
CHR4	1E+07	CHR4:10410434	SSF x Near_LoA	-8,01578775	-0,030	0,288
CHR4	1E+07	CHR4:10410441	SSF x Near_LoA	-9,17187305	-0,022	0,308
CHR4	1E+07	CHR4:10410455	SSF x Near_LoA	-9,85732181	-0,004	0,307
CHR4	1041383	CHR4:1041383	SSF x Near_LoA	-9,55902819	0,071	0,307
CHR4	1E+07	CHR4:10415438	SSF x Near_LoA	-11,4244811	0,050	0,309
CHR4	1E+07	CHR4:10415503	SSF x Near_LoA	-6,73981947	0,071	0,312
CHR4	1E+07	CHR4:10415524	SSF x Near_LoA	-8,11978478	0,041	0,316
CHR4	1E+07	CHR4:10415571	SSF x Near_LoA	-9,29734486	0,056	0,296
CHR4	1E+07	CHR4:10416373	SSF x Near_LoA	-7,21247044	0,095	0,321
CHR4	1E+07	CHR4:10419137	SSF x Near_LoA	-11,3547299	-0,018	0,315
CHR4	1E+07	CHR4:10419139	SSF x Near_LoA	-11,5417483	-0,019	0,307
CHR4	1E+07	CHR4:10419140	SSF x Near_LoA	-11,4673103	-0,032	0,316
CHR4	1E+07	CHR4:10425810	SSF x Near_LoA	-7,58965318	-0,002	0,307
CHR4	1E+07	CHR4:10425844	SSF x Near_LoA	-5,42429348	-0,006	0,305
CHR4	1E+07	CHR4:10425865	SSF x Near_LoA	-8,46040526	-0,002	0,304
CHR4	1E+07	CHR4:10425868	SSF x Near_LoA	-9,84298918	-0,069	0,303

CHR4	1E+07	CHR4:10425924	SSF x Near_LoA	-9,20082525	-0,053	0,316
CHR4	1E+07	CHR4:10432475	SSF x Near_LoA	-10,5046122	0,006	0,308
CHR4	1E+07	CHR4:10432497	SSF x Near_LoA	-9,43352929	-0,004	0,298
CHR4	1E+07	CHR4:10432543	SSF x Near_LoA	-11,2562817	-0,104	0,296
CHR4	1E+07	CHR4:10432572	SSF x Near_LoA	-10,0829501	-0,124	0,308
CHR4	1E+07	CHR4:10432574	SSF x Near_LoA	-10,3664842	-0,110	0,299
CHR4	1E+07	CHR4:10432576	SSF x Near_LoA	-9,86678387	-0,079	0,302
CHR4	1E+07	CHR4:10443018	SSF x Near_LoA	-5,64381493	0,011	0,312
CHR4	1E+07	CHR4:10443033	SSF x Near_LoA	-10,2873696	0,055	0,311
CHR4	1E+07	CHR4:10443069	SSF x Near_LoA	-10,8783831	0,014	0,313
CHR4	1E+07	CHR4:10464563	SSF x Near_LoA	-12,2056812	0,003	0,305
CHR4	1047056	CHR4:1047056	SSF x Near_LoA	-10,524216	-0,039	0,305
CHR4	1E+07	CHR4:10470605	SSF x Near_LoA	-8,31129462	0,102	0,294
CHR4	1E+07	CHR4:10476766	SSF x Near_LoA	-9,47625194	-0,009	0,295
CHR4	1E+07	CHR4:10476892	SSF x Near_LoA	-10,4231581	0,035	0,300
CHR4	1E+07	CHR4:10476932	SSF x Near_LoA	-9,40711667	0,026	0,301
CHR4	1E+07	CHR4:10476935	SSF x Near_LoA	-9,09645358	0,049	0,323
CHR4	1E+07	CHR4:10499573	SSF x Near_LoA	-11,5596255	-0,031	0,313
CHR4	1E+07	CHR4:10499592	SSF x Near_LoA	-10,6284034	-0,036	0,309
CHR4	1E+07	CHR4:10499602	SSF x Near_LoA	-8,38451481	-0,103	0,306
CHR4	1E+07	CHR4:10499613	SSF x Near_LoA	-7,09039306	-0,100	0,318
CHR4	10501262	CHR4:10501262	SSF x Near_LoA	-9,5383776	0,047	0,310
CHR4	10501287	CHR4:10501287	SSF x Near_LoA	-9,02601476	0,087	0,306
CHR4	10501326	CHR4:10501326	SSF x Near_LoA	-9,48282377	0,016	0,305
CHR4	10514537	CHR4:10514537	SSF x Near_LoA	-8,0548821	0,041	0,299
CHR4	10514538	CHR4:10514538	SSF x Near_LoA	-7,88306426	0,035	0,305
CHR4	10514549	CHR4:10514549	SSF x Near_LoA	-9,00932288	0,002	0,297
CHR4	10514615	CHR4:10514615	SSF x Near_LoA	-9,70753775	-0,008	0,308
CHR4	10514755	CHR4:10514755	SSF x Near_LoA	-9,55164402	-0,086	0,304
CHR4	10521597	CHR4:10521597	SSF x Near_LoA	-7,45706473	0,058	0,312
CHR4	10521600	CHR4:10521600	SSF x Near_LoA	1,60421185	0,041	0,321
CHR4	10524788	CHR4:10524788	SSF x Near_LoA	-9,33434911	0,039	0,302
CHR4	10529023	CHR4:10529023	SSF x Near_LoA	-8,97512298	-0,024	0,316
CHR4	10547007	CHR4:10547007	SSF x Near_LoA	-9,50469911	-0,120	0,293
CHR4	10550122	CHR4:10550122	SSF x Near_LoA	-6,09061871	-0,096	0,304
CHR4	10555225	CHR4:10555225	SSF x Near_LoA	-8,19224292	0,004	0,314
CHR4	10555227	CHR4:10555227	SSF x Near_LoA	-9,69064877	-0,080	0,314
CHR4	10555260	CHR4:10555260	SSF x Near_LoA	-7,64379134	-0,007	0,309
CHR4	10555317	CHR4:10555317	SSF x Near_LoA	-8,48258643	0,069	0,296
CHR4	10555374	CHR4:10555374	SSF x Near_LoA	-9,35710655	0,022	0,292
CHR4	10555412	CHR4:10555412	SSF x Near_LoA	-10,5591683	0,021	0,314
CHR4	10555449	CHR4:10555449	SSF x Near_LoA	-9,39626879	0,007	0,306
CHR4	10558816	CHR4:10558816	SSF x Near_LoA	-7,21866905	-0,006	0,308
CHR4	10558925	CHR4:10558925	SSF x Near_LoA	-9,91727307	-0,024	0,308
CHR4	10558936	CHR4:10558936	SSF x Near_LoA	-10,5604968	-0,036	0,302
CHR4	10558938	CHR4:10558938	SSF x Near_LoA	-9,84145758	0,006	0,307
CHR4	10558949	CHR4:10558949	SSF x Near_LoA	-8,69123241	-0,112	0,310
CHR4	10558986	CHR4:10558986	SSF x Near_LoA	-6,31914374	-0,156	0,301
CHR4	10559037	CHR4:10559037	SSF x Near_LoA	-8,48384574	-0,114	0,312
CHR4	10574021	CHR4:10574021	SSF x Near_LoA	-3,69250037	-0,084	0,317
CHR4	10583763	CHR4:10583763	SSF x Near_LoA	-8,48218567	0,130	0,304
CHR4	10585999	CHR4:10585999	SSF x Near_LoA	-8,46523686	-0,019	0,303
CHR4	10586038	CHR4:10586038	SSF x Near_LoA	-10,4104726	-0,048	0,300

CHR4	10586054	CHR4:10586054	SSF x Near_LoA	-9,92250418	-0,050	0,305
CHR4	10588108	CHR4:10588108	SSF x Near_LoA	-10,3221846	0,022	0,306
CHR4	10591222	CHR4:10591222	SSF x Near_LoA	-10,0218698	0,071	0,316
CHR4	10591317	CHR4:10591317	SSF x Near_LoA	-7,32051377	0,188	0,289
CHR4	10591405	CHR4:10591405	SSF x Near_LoA	-10,889217	0,041	0,309
CHR4	10591438	CHR4:10591438	SSF x Near_LoA	-9,0675143	0,054	0,297
CHR4	10591439	CHR4:10591439	SSF x Near_LoA	-5,53777117	0,072	0,315
CHR4	10608832	CHR4:10608832	SSF x Near_LoA	-10,2840827	-0,020	0,313
CHR4	10608907	CHR4:10608907	SSF x Near_LoA	-4,79804304	-0,098	0,303
CHR4	10608945	CHR4:10608945	SSF x Near_LoA	-7,81440837	0,060	0,306
CHR4	10608961	CHR4:10608961	SSF x Near_LoA	-9,64210134	0,089	0,308
CHR4	10609027	CHR4:10609027	SSF x Near_LoA	-10,0379397	-0,053	0,307
CHR4	10609040	CHR4:10609040	SSF x Near_LoA	-8,97216904	-0,004	0,315
CHR4	10609069	CHR4:10609069	SSF x Near_LoA	-10,1795078	-0,091	0,309
CHR4	10613290	CHR4:10613290	SSF x Near_LoA	-10,7149784	0,026	0,304
CHR4	10613533	CHR4:10613533	SSF x Near_LoA	-7,59642993	0,042	0,303
CHR4	10614939	CHR4:10614939	SSF x Near_LoA	-9,73857441	-0,047	0,319
CHR4	10614998	CHR4:10614998	SSF x Near_LoA	-10,7024991	-0,013	0,319
CHR4	10622143	CHR4:10622143	SSF x Near_LoA	-8,45849449	-0,054	0,316
CHR4	10622166	CHR4:10622166	SSF x Near_LoA	-8,38097965	0,027	0,296
CHR4	10622246	CHR4:10622246	SSF x Near_LoA	-11,7095233	-0,041	0,311
CHR4	10622272	CHR4:10622272	SSF x Near_LoA	-9,56280211	0,030	0,296
CHR4	10622296	CHR4:10622296	SSF x Near_LoA	-7,68982333	0,027	0,298
CHR4	10622333	CHR4:10622333	SSF x Near_LoA	-8,64448085	0,090	0,299
CHR4	10622337	CHR4:10622337	SSF x Near_LoA	-8,10959727	0,038	0,321
CHR4	10637437	CHR4:10637437	SSF x Near_LoA	-9,58573542	-0,032	0,298
CHR4	10637438	CHR4:10637438	SSF x Near_LoA	-7,11574399	-0,047	0,301
CHR4	10637445	CHR4:10637445	SSF x Near_LoA	-7,80886196	-0,047	0,295
CHR4	10637476	CHR4:10637476	SSF x Near_LoA	-8,63219666	-0,024	0,300
CHR4	10637590	CHR4:10637590	SSF x Near_LoA	-11,1970854	0,099	0,306
CHR4	1064240	CHR4:1064240	SSF x Near_LoA	-6,42970698	0,163	0,303
CHR4	10650078	CHR4:10650078	SSF x Near_LoA	-9,39379712	-0,028	0,297
CHR4	10650126	CHR4:10650126	SSF x Near_LoA	-2,57431563	0,004	0,312
CHR4	10650206	CHR4:10650206	SSF x Near_LoA	-9,42284444	0,058	0,304
CHR4	10654621	CHR4:10654621	SSF x Near_LoA	-9,23965974	0,054	0,308
CHR4	10654625	CHR4:10654625	SSF x Near_LoA	-8,89718357	-0,030	0,299
CHR4	10666225	CHR4:10666225	SSF x Near_LoA	-11,7977353	-0,016	0,306
CHR4	10666227	CHR4:10666227	SSF x Near_LoA	-0,20426643	0,006	0,304
CHR4	10666261	CHR4:10666261	SSF x Near_LoA	-10,1581198	0,088	0,316
CHR4	10666268	CHR4:10666268	SSF x Near_LoA	-10,0298557	0,116	0,299
CHR4	10666331	CHR4:10666331	SSF x Near_LoA	-11,148182	-0,021	0,307
CHR4	10667660	CHR4:10667660	SSF x Near_LoA	-2,38999585	0,205	0,297
CHR4	10667697	CHR4:10667697	SSF x Near_LoA	-10,7367097	0,008	0,302
CHR4	10667781	CHR4:10667781	SSF x Near_LoA	-11,9056195	0,045	0,306
CHR4	10667833	CHR4:10667833	SSF x Near_LoA	-8,03654057	0,086	0,305
CHR4	10667873	CHR4:10667873	SSF x Near_LoA	-5,14687574	-0,203	0,288
CHR4	10671070	CHR4:10671070	SSF x Near_LoA	-8,69472238	0,110	0,305
CHR4	10671103	CHR4:10671103	SSF x Near_LoA	-8,94697558	0,085	0,300
CHR4	10671109	CHR4:10671109	SSF x Near_LoA	-11,6370754	0,060	0,307
CHR4	10671128	CHR4:10671128	SSF x Near_LoA	-8,68395936	-0,073	0,304
CHR4	10671150	CHR4:10671150	SSF x Near_LoA	-9,60106228	0,106	0,303
CHR4	10671156	CHR4:10671156	SSF x Near_LoA	-10,9117772	0,009	0,318
CHR4	10671202	CHR4:10671202	SSF x Near_LoA	-5,07019554	-0,123	0,306

CHR4	10679393	CHR4:10679393	SSF x Near_LoA	-6,53929242	0,056	0,312
CHR4	1067943	CHR4:1067943	SSF x Near_LoA	-6,53185175	-0,139	0,293
CHR4	10683873	CHR4:10683873	SSF x Near_LoA	-5,28610868	-0,165	0,310
CHR4	10683886	CHR4:10683886	SSF x Near_LoA	-10,2153241	0,028	0,305
CHR4	10683956	CHR4:10683956	SSF x Near_LoA	-6,63214664	-0,095	0,309
CHR4	10687067	CHR4:10687067	SSF x Near_LoA	-9,81673131	0,104	0,299
CHR4	10687194	CHR4:10687194	SSF x Near_LoA	-9,86602781	0,015	0,323
CHR4	10687283	CHR4:10687283	SSF x Near_LoA	-11,1455957	0,037	0,311
CHR4	10689700	CHR4:10689700	SSF x Near_LoA	-8,01769131	0,069	0,325
CHR4	10689708	CHR4:10689708	SSF x Near_LoA	-9,34929195	-0,002	0,299
CHR4	10692482	CHR4:10692482	SSF x Near_LoA	-11,9753999	0,037	0,307
CHR4	10692484	CHR4:10692484	SSF x Near_LoA	-8,42971367	-0,024	0,313
CHR4	10692664	CHR4:10692664	SSF x Near_LoA	-10,6894593	0,008	0,307
CHR4	10692666	CHR4:10692666	SSF x Near_LoA	-10,5983001	0,014	0,309
CHR4	10714052	CHR4:10714052	SSF x Near_LoA	-10,7121355	-0,033	0,293
CHR4	10714194	CHR4:10714194	SSF x Near_LoA	-12,0991259	0,011	0,305
CHR4	10718586	CHR4:10718586	SSF x Near_LoA	-8,66324432	0,044	0,318
CHR4	10718599	CHR4:10718599	SSF x Near_LoA	-9,29895628	-0,032	0,319
CHR4	10718621	CHR4:10718621	SSF x Near_LoA	-8,31740334	0,102	0,325
CHR4	10718628	CHR4:10718628	SSF x Near_LoA	-9,30617711	-0,062	0,306
CHR4	10718629	CHR4:10718629	SSF x Near_LoA	-9,96695301	-0,020	0,310
CHR4	10718671	CHR4:10718671	SSF x Near_LoA	-9,69055195	0,065	0,296
CHR4	10718686	CHR4:10718686	SSF x Near_LoA	-4,19451927	-0,011	0,319
CHR4	10718785	CHR4:10718785	SSF x Near_LoA	-10,0172879	-0,037	0,308
CHR4	10718817	CHR4:10718817	SSF x Near_LoA	-9,77357039	0,006	0,308
CHR4	10718820	CHR4:10718820	SSF x Near_LoA	-8,85415026	0,071	0,300
CHR4	10718842	CHR4:10718842	SSF x Near_LoA	-8,05734523	-0,050	0,307
CHR4	10722107	CHR4:10722107	SSF x Near_LoA	-10,3743045	-0,094	0,301
CHR4	10722211	CHR4:10722211	SSF x Near_LoA	-11,1398591	0,015	0,325
CHR4	10723410	CHR4:10723410	SSF x Near_LoA	-12,3861224	-0,069	0,315
CHR4	10739278	CHR4:10739278	SSF x Near_LoA	-11,0942	0,074	0,300
CHR4	10739503	CHR4:10739503	SSF x Near_LoA	-9,28731129	0,095	0,302
CHR4	10739505	CHR4:10739505	SSF x Near_LoA	-9,80813302	0,084	0,301
CHR4	10739577	CHR4:10739577	SSF x Near_LoA	-9,28649095	-0,086	0,313
CHR4	10742796	CHR4:10742796	SSF x Near_LoA	-7,87445429	-0,114	0,314
CHR4	10742804	CHR4:10742804	SSF x Near_LoA	-7,85878346	0,024	0,300
CHR4	10742835	CHR4:10742835	SSF x Near_LoA	-2,01585337	0,109	0,312
CHR4	10742845	CHR4:10742845	SSF x Near_LoA	-8,79052118	-0,079	0,305
CHR4	10742875	CHR4:10742875	SSF x Near_LoA	-10,486345	0,023	0,301
CHR4	10742921	CHR4:10742921	SSF x Near_LoA	-8,20916368	0,016	0,331
CHR4	10749718	CHR4:10749718	SSF x Near_LoA	-7,46229648	-0,060	0,316
CHR4	10749987	CHR4:10749987	SSF x Near_LoA	-10,0109558	0,039	0,299
CHR4	10755459	CHR4:10755459	SSF x Near_LoA	-10,3626994	-0,077	0,309
CHR4	10755498	CHR4:10755498	SSF x Near_LoA	-7,73589005	0,059	0,310
CHR4	10755561	CHR4:10755561	SSF x Near_LoA	-7,42927751	-0,109	0,302
CHR4	10755622	CHR4:10755622	SSF x Near_LoA	-8,68778609	-0,014	0,316
CHR4	10755628	CHR4:10755628	SSF x Near_LoA	-7,29671502	0,044	0,313
CHR4	10755676	CHR4:10755676	SSF x Near_LoA	-8,31796813	-0,048	0,305
CHR4	10755702	CHR4:10755702	SSF x Near_LoA	-8,69219928	-0,058	0,312
CHR4	10761582	CHR4:10761582	SSF x Near_LoA	-11,6337056	-0,014	0,309
CHR4	10761637	CHR4:10761637	SSF x Near_LoA	-9,13068842	0,073	0,301
CHR4	10766100	CHR4:10766100	SSF x Near_LoA	-11,4429223	0,016	0,313
CHR4	10766153	CHR4:10766153	SSF x Near_LoA	-9,99031391	-0,022	0,321

CHR4	10766174	CHR4:10766174	SSF x Near_LoA	-9,8746514	0,002	0,309
CHR4	10766176	CHR4:10766176	SSF x Near_LoA	-11,5725226	0,017	0,309
CHR4	10766344	CHR4:10766344	SSF x Near_LoA	-9,05715267	-0,016	0,300
CHR4	10766347	CHR4:10766347	SSF x Near_LoA	-10,1638187	0,010	0,297
CHR4	10766356	CHR4:10766356	SSF x Near_LoA	-8,75932205	-0,012	0,310
CHR4	10766363	CHR4:10766363	SSF x Near_LoA	-11,103047	-0,006	0,314
CHR4	10766364	CHR4:10766364	SSF x Near_LoA	-9,46468666	-0,042	0,313
CHR4	10766365	CHR4:10766365	SSF x Near_LoA	-10,0965467	-0,004	0,296
CHR4	10766410	CHR4:10766410	SSF x Near_LoA	-5,78622723	0,141	0,304
CHR4	10768296	CHR4:10768296	SSF x Near_LoA	-7,81055662	0,031	0,314
CHR4	10768340	CHR4:10768340	SSF x Near_LoA	-8,83315439	0,049	0,313
CHR4	10768341	CHR4:10768341	SSF x Near_LoA	-9,2745113	0,065	0,305
CHR4	10768455	CHR4:10768455	SSF x Near_LoA	-9,14577793	-0,019	0,307
CHR4	10768468	CHR4:10768468	SSF x Near_LoA	-10,174774	0,072	0,299
CHR4	10768517	CHR4:10768517	SSF x Near_LoA	-10,2441268	-0,042	0,308
CHR4	10790594	CHR4:10790594	SSF x Near_LoA	-9,09031795	-0,032	0,310
CHR4	10795823	CHR4:10795823	SSF x Near_LoA	-7,77594807	-0,010	0,305
CHR4	10795843	CHR4:10795843	SSF x Near_LoA	-9,36977921	0,000	0,312
CHR4	10799209	CHR4:10799209	SSF x Near_LoA	-8,15443252	-0,041	0,316
CHR4	10799225	CHR4:10799225	SSF x Near_LoA	-7,29027623	-0,094	0,305
CHR4	10799232	CHR4:10799232	SSF x Near_LoA	-10,1130599	0,020	0,302
CHR4	10801249	CHR4:10801249	SSF x Near_LoA	-9,95474101	-0,036	0,295
CHR4	10818888	CHR4:10818888	SSF x Near_LoA	-11,4203635	0,083	0,305
CHR4	10828056	CHR4:10828056	SSF x Near_LoA	-10,5105329	0,046	0,304
CHR4	10831408	CHR4:10831408	SSF x Near_LoA	-8,30313352	-0,011	0,309
CHR4	10831459	CHR4:10831459	SSF x Near_LoA	-10,8713589	-0,023	0,302
CHR4	10833794	CHR4:10833794	SSF x Near_LoA	-11,1377139	-0,016	0,310
CHR4	10833891	CHR4:10833891	SSF x Near_LoA	-10,3308685	-0,023	0,305
CHR4	10833915	CHR4:10833915	SSF x Near_LoA	-9,14561029	0,038	0,309
CHR4	10833967	CHR4:10833967	SSF x Near_LoA	-10,0907794	0,043	0,290
CHR4	10833969	CHR4:10833969	SSF x Near_LoA	-9,73957475	0,020	0,308
CHR4	10833986	CHR4:10833986	SSF x Near_LoA	-9,38540017	0,039	0,309
CHR4	10833987	CHR4:10833987	SSF x Near_LoA	-9,68181508	0,038	0,319
CHR4	10838578	CHR4:10838578	SSF x Near_LoA	-9,43037349	0,000	0,304
CHR4	10841172	CHR4:10841172	SSF x Near_LoA	-8,87796991	0,001	0,308
CHR4	10841266	CHR4:10841266	SSF x Near_LoA	-10,9430062	0,002	0,314
CHR4	10841283	CHR4:10841283	SSF x Near_LoA	-8,98359781	-0,036	0,303
CHR4	10841289	CHR4:10841289	SSF x Near_LoA	-10,4850108	-0,001	0,318
CHR4	10841297	CHR4:10841297	SSF x Near_LoA	-9,76498271	0,010	0,293
CHR4	10841327	CHR4:10841327	SSF x Near_LoA	-9,41120738	-0,048	0,299
CHR4	10850636	CHR4:10850636	SSF x Near_LoA	-9,7393057	0,033	0,308
CHR4	10867569	CHR4:10867569	SSF x Near_LoA	-9,4864262	-0,034	0,303
CHR4	10867779	CHR4:10867779	SSF x Near_LoA	-11,0340491	-0,062	0,314
CHR4	10867790	CHR4:10867790	SSF x Near_LoA	-8,29007507	-0,081	0,312
CHR4	10867827	CHR4:10867827	SSF x Near_LoA	-6,49638034	0,165	0,289
CHR4	10872362	CHR4:10872362	SSF x Near_LoA	-7,46484581	0,070	0,320
CHR4	10872595	CHR4:10872595	SSF x Near_LoA	-7,17613041	0,090	0,312
CHR4	10881019	CHR4:10881019	SSF x Near_LoA	-2,62406432	-0,004	0,325
CHR4	10882983	CHR4:10882983	SSF x Near_LoA	-7,67998711	-0,023	0,321
CHR4	10883035	CHR4:10883035	SSF x Near_LoA	-8,69375357	-0,010	0,313
CHR4	10883036	CHR4:10883036	SSF x Near_LoA	-9,11874657	-0,015	0,306
CHR4	10883072	CHR4:10883072	SSF x Near_LoA	-8,72926755	-0,015	0,307
CHR4	10894211	CHR4:10894211	SSF x Near_LoA	-10,0245409	0,065	0,313

CHR4	10912242	CHR4:10912242	SSF x Near_LoA	-11,1228163	0,020	0,318
CHR4	10912245	CHR4:10912245	SSF x Near_LoA	-9,85852349	0,006	0,306
CHR4	10912269	CHR4:10912269	SSF x Near_LoA	-6,28891668	0,030	0,307
CHR4	10912295	CHR4:10912295	SSF x Near_LoA	-8,42008747	0,025	0,317
CHR4	10916910	CHR4:10916910	SSF x Near_LoA	-9,90790391	-0,049	0,315
CHR4	10917007	CHR4:10917007	SSF x Near_LoA	-9,79125722	-0,046	0,303
CHR4	10917049	CHR4:10917049	SSF x Near_LoA	-8,82962969	0,025	0,306
CHR4	10917155	CHR4:10917155	SSF x Near_LoA	-6,43925603	-0,039	0,315
CHR4	10919437	CHR4:10919437	SSF x Near_LoA	-9,22462334	0,031	0,317
CHR4	10919469	CHR4:10919469	SSF x Near_LoA	-9,51480115	0,019	0,316
CHR4	10939487	CHR4:10939487	SSF x Near_LoA	-6,22537993	0,012	0,302
CHR4	10965251	CHR4:10965251	SSF x Near_LoA	-10,7354298	-0,040	0,314
CHR4	10965300	CHR4:10965300	SSF x Near_LoA	-12,3282799	0,053	0,313
CHR4	10967097	CHR4:10967097	SSF x Near_LoA	-7,62081415	-0,171	0,306
CHR4	10970751	CHR4:10970751	SSF x Near_LoA	-8,13613792	-0,104	0,309
CHR4	10970849	CHR4:10970849	SSF x Near_LoA	-9,31004862	0,061	0,321
CHR4	10970864	CHR4:10970864	SSF x Near_LoA	-10,0292468	0,147	0,306
CHR4	10977025	CHR4:10977025	SSF x Near_LoA	-10,0832678	-0,011	0,307
CHR4	10977043	CHR4:10977043	SSF x Near_LoA	-9,9390805	-0,082	0,298
CHR4	10977101	CHR4:10977101	SSF x Near_LoA	-8,90076452	-0,044	0,316
CHR4	10977206	CHR4:10977206	SSF x Near_LoA	-11,2114779	0,013	0,310
CHR4	10977298	CHR4:10977298	SSF x Near_LoA	-8,22162278	0,009	0,319
CHR4	10977341	CHR4:10977341	SSF x Near_LoA	-12,0999508	0,000	0,299
CHR4	10979163	CHR4:10979163	SSF x Near_LoA	-10,6486209	0,027	0,312
CHR4	10979222	CHR4:10979222	SSF x Near_LoA	-10,8160113	-0,058	0,312
CHR4	10979298	CHR4:10979298	SSF x Near_LoA	-11,1678977	-0,063	0,320
CHR4	10979388	CHR4:10979388	SSF x Near_LoA	-8,09896048	0,062	0,306
CHR4	10979419	CHR4:10979419	SSF x Near_LoA	-8,56164805	0,035	0,305
CHR4	10979497	CHR4:10979497	SSF x Near_LoA	-9,76561344	-0,093	0,309
CHR4	1098424	CHR4:1098424	SSF x Near_LoA	-9,00976257	0,078	0,305
CHR4	1098587	CHR4:1098587	SSF x Near_LoA	-10,3509578	-0,169	0,301
CHR4	1098705	CHR4:1098705	SSF x Near_LoA	-9,55401401	-0,117	0,298
CHR4	10990696	CHR4:10990696	SSF x Near_LoA	-9,58505896	0,004	0,310
CHR4	10990698	CHR4:10990698	SSF x Near_LoA	-9,03818083	0,005	0,309
CHR4	10990699	CHR4:10990699	SSF x Near_LoA	-9,21792859	-0,028	0,299
CHR4	10990741	CHR4:10990741	SSF x Near_LoA	-8,53786647	0,064	0,319
CHR4	10990755	CHR4:10990755	SSF x Near_LoA	-8,9595175	-0,011	0,311
CHR4	10991110	CHR4:10991110	SSF x Near_LoA	-9,23844664	0,051	0,302
CHR4	10991174	CHR4:10991174	SSF x Near_LoA	-9,3999616	0,062	0,303
CHR4	10991179	CHR4:10991179	SSF x Near_LoA	-8,36679028	0,031	0,289
CHR4	1100679	CHR4:1100679	SSF x Near_LoA	-9,05647296	-0,055	0,303
CHR4	1100711	CHR4:1100711	SSF x Near_LoA	-4,62145944	-0,190	0,303
CHR4	1100725	CHR4:1100725	SSF x Near_LoA	-7,96866894	-0,152	0,307
CHR4	11016123	CHR4:11016123	SSF x Near_LoA	-12,1119236	0,015	0,311
CHR4	11016222	CHR4:11016222	SSF x Near_LoA	-9,59339496	0,017	0,324
CHR4	11018049	CHR4:11018049	SSF x Near_LoA	-10,3242101	0,005	0,305
CHR4	11039677	CHR4:11039677	SSF x Near_LoA	-7,06433527	0,126	0,300
CHR4	11039720	CHR4:11039720	SSF x Near_LoA	-9,10157998	0,054	0,306
CHR4	11039794	CHR4:11039794	SSF x Near_LoA	-10,7659969	0,006	0,317
CHR4	11046691	CHR4:11046691	SSF x Near_LoA	-10,0993938	-0,016	0,308
CHR4	11047726	CHR4:11047726	SSF x Near_LoA	-10,4322975	0,056	0,292
CHR4	11047763	CHR4:11047763	SSF x Near_LoA	-5,01223838	-0,113	0,311
CHR4	11047770	CHR4:11047770	SSF x Near_LoA	-9,01235574	0,143	0,305

CHR4	11047791	CHR4:11047791	SSF x Near_LoA	-8,79380469	-0,010	0,307
CHR4	11047880	CHR4:11047880	SSF x Near_LoA	-11,5250457	-0,007	0,310
CHR4	11047910	CHR4:11047910	SSF x Near_LoA	-9,05080098	0,024	0,303
CHR4	11069095	CHR4:11069095	SSF x Near_LoA	0,22862956	-0,097	0,309
CHR4	11069118	CHR4:11069118	SSF x Near_LoA	-8,55222027	0,012	0,318
CHR4	11069173	CHR4:11069173	SSF x Near_LoA	-9,84880082	0,074	0,304
CHR4	11069176	CHR4:11069176	SSF x Near_LoA	-7,0224908	-0,020	0,300
CHR4	1107887	CHR4:1107887	SSF x Near_LoA	-6,13737311	-0,177	0,308
CHR4	1107936	CHR4:1107936	SSF x Near_LoA	-6,38533412	-0,159	0,294
CHR4	1107980	CHR4:1107980	SSF x Near_LoA	-5,9459942	-0,166	0,291
CHR4	11090367	CHR4:11090367	SSF x Near_LoA	-9,10378752	-0,046	0,313
CHR4	11090521	CHR4:11090521	SSF x Near_LoA	-8,34284736	-0,022	0,298
CHR4	11090539	CHR4:11090539	SSF x Near_LoA	-10,0544485	0,125	0,301
CHR4	11090757	CHR4:11090757	SSF x Near_LoA	-9,01641121	-0,045	0,303
CHR4	11090758	CHR4:11090758	SSF x Near_LoA	-9,26451497	-0,032	0,305
CHR4	11090760	CHR4:11090760	SSF x Near_LoA	-8,71396205	0,007	0,317
CHR4	11090761	CHR4:11090761	SSF x Near_LoA	-9,03889908	0,097	0,313
CHR4	11090765	CHR4:11090765	SSF x Near_LoA	-8,01195045	0,140	0,313
CHR4	11090792	CHR4:11090792	SSF x Near_LoA	-8,7922495	-0,047	0,306
CHR4	11090834	CHR4:11090834	SSF x Near_LoA	-8,31113777	0,047	0,298
CHR4	11090835	CHR4:11090835	SSF x Near_LoA	-10,4311342	-0,015	0,299
CHR4	11097444	CHR4:11097444	SSF x Near_LoA	-7,66468872	-0,090	0,309
CHR4	11097685	CHR4:11097685	SSF x Near_LoA	-9,79193455	0,004	0,307
CHR4	11100564	CHR4:11100564	SSF x Near_LoA	-8,56759691	0,070	0,314
CHR4	11100566	CHR4:11100566	SSF x Near_LoA	-8,72520826	0,046	0,301
CHR4	11100642	CHR4:11100642	SSF x Near_LoA	-9,84532469	0,012	0,312
CHR4	11100647	CHR4:11100647	SSF x Near_LoA	-3,61034087	-0,008	0,318
CHR4	11100658	CHR4:11100658	SSF x Near_LoA	-9,90713169	0,001	0,309
CHR4	11105019	CHR4:11105019	SSF x Near_LoA	-8,55845431	0,054	0,298
CHR4	11105035	CHR4:11105035	SSF x Near_LoA	-11,6434189	-0,028	0,307
CHR4	11105043	CHR4:11105043	SSF x Near_LoA	-10,9181003	0,089	0,304
CHR4	11110057	CHR4:11110057	SSF x Near_LoA	-9,47553808	0,009	0,313
CHR4	11110059	CHR4:11110059	SSF x Near_LoA	-8,27033083	-0,062	0,310
CHR4	11110083	CHR4:11110083	SSF x Near_LoA	-10,1883345	0,008	0,323
CHR4	11110107	CHR4:11110107	SSF x Near_LoA	-10,5487859	-0,009	0,314
CHR4	11110130	CHR4:11110130	SSF x Near_LoA	-9,09817183	0,124	0,297
CHR4	11110173	CHR4:11110173	SSF x Near_LoA	-10,4280198	0,008	0,306
CHR4	11110239	CHR4:11110239	SSF x Near_LoA	-9,2618088	0,096	0,303
CHR4	1111043	CHR4:1111043	SSF x Near_LoA	-8,96137042	0,100	0,326
CHR4	11113981	CHR4:11113981	SSF x Near_LoA	-8,1925632	0,173	0,287
CHR4	11113996	CHR4:11113996	SSF x Near_LoA	-9,59149905	0,018	0,299
CHR4	11114011	CHR4:11114011	SSF x Near_LoA	-10,3476152	0,000	0,286
CHR4	11114043	CHR4:11114043	SSF x Near_LoA	-10,6619231	-0,072	0,293
CHR4	11114102	CHR4:11114102	SSF x Near_LoA	-8,45266446	0,000	0,305
CHR4	11114104	CHR4:11114104	SSF x Near_LoA	-7,47871637	0,075	0,304
CHR4	11114132	CHR4:11114132	SSF x Near_LoA	-8,26058604	-0,057	0,289
CHR4	11114148	CHR4:11114148	SSF x Near_LoA	-10,4463483	-0,056	0,310
CHR4	11114160	CHR4:11114160	SSF x Near_LoA	-3,12809116	-0,056	0,310
CHR4	11114176	CHR4:11114176	SSF x Near_LoA	-5,57653478	-0,032	0,305
CHR4	11114182	CHR4:11114182	SSF x Near_LoA	-9,54853087	-0,035	0,320
CHR4	11114201	CHR4:11114201	SSF x Near_LoA	-8,47978352	-0,005	0,306
CHR4	11114213	CHR4:11114213	SSF x Near_LoA	-9,0520237	-0,063	0,295
CHR4	11114304	CHR4:11114304	SSF x Near_LoA	-10,7561328	0,018	0,297

CHR4	11121877	CHR4:11121877	SSF x Near_LoA	-8,90255403	-0,007	0,308
CHR4	11122083	CHR4:11122083	SSF x Near_LoA	-10,691285	0,012	0,296
CHR4	11125638	CHR4:11125638	SSF x Near_LoA	-6,24991358	-0,143	0,297
CHR4	11125697	CHR4:11125697	SSF x Near_LoA	-4,23172264	-0,107	0,311
CHR4	11125704	CHR4:11125704	SSF x Near_LoA	-10,6166537	-0,021	0,315
CHR4	11125808	CHR4:11125808	SSF x Near_LoA	-8,32254396	-0,112	0,315
CHR4	11130662	CHR4:11130662	SSF x Near_LoA	-9,96233372	-0,174	0,304
CHR4	11139905	CHR4:11139905	SSF x Near_LoA	-9,65909533	-0,035	0,295
CHR4	11139916	CHR4:11139916	SSF x Near_LoA	-9,82313844	-0,064	0,321
CHR4	11139931	CHR4:11139931	SSF x Near_LoA	-9,27224957	-0,060	0,299
CHR4	11139932	CHR4:11139932	SSF x Near_LoA	-9,00747619	-0,107	0,308
CHR4	11155090	CHR4:11155090	SSF x Near_LoA	-9,62387163	-0,021	0,297
CHR4	11155118	CHR4:11155118	SSF x Near_LoA	-10,2767091	0,136	0,293
CHR4	11155154	CHR4:11155154	SSF x Near_LoA	-7,25759421	-0,123	0,307
CHR4	1115519	CHR4:1115519	SSF x Near_LoA	-11,3635259	-0,082	0,307
CHR4	11155430	CHR4:11155430	SSF x Near_LoA	-9,10676514	-0,140	0,308
CHR4	1115554	CHR4:1115554	SSF x Near_LoA	-4,92241409	-0,094	0,293
CHR4	1115725	CHR4:1115725	SSF x Near_LoA	-10,0478684	0,011	0,312
CHR4	11161093	CHR4:11161093	SSF x Near_LoA	-2,2757779	-0,188	0,294
CHR4	11161189	CHR4:11161189	SSF x Near_LoA	-7,15943993	0,041	0,312
CHR4	11162337	CHR4:11162337	SSF x Near_LoA	-8,80607759	0,030	0,308
CHR4	11162443	CHR4:11162443	SSF x Near_LoA	-10,3588291	-0,004	0,318
CHR4	11173828	CHR4:11173828	SSF x Near_LoA	-8,94068545	-0,106	0,297
CHR4	11173832	CHR4:11173832	SSF x Near_LoA	0,30253187	0,016	0,301
CHR4	11173877	CHR4:11173877	SSF x Near_LoA	-5,3141603	0,070	0,306
CHR4	11173900	CHR4:11173900	SSF x Near_LoA	-9,48815703	-0,113	0,308
CHR4	11173944	CHR4:11173944	SSF x Near_LoA	-10,9722888	0,052	0,292
CHR4	11173963	CHR4:11173963	SSF x Near_LoA	-7,49577345	0,046	0,316
CHR4	11174007	CHR4:11174007	SSF x Near_LoA	-9,03154524	0,148	0,313
CHR4	11178181	CHR4:11178181	SSF x Near_LoA	-10,8999224	-0,016	0,307
CHR4	11182629	CHR4:11182629	SSF x Near_LoA	-9,71877603	0,091	0,298
CHR4	11182758	CHR4:11182758	SSF x Near_LoA	-7,9877144	-0,111	0,313
CHR4	11189119	CHR4:11189119	SSF x Near_LoA	-8,23461542	-0,100	0,298
CHR4	11189131	CHR4:11189131	SSF x Near_LoA	-6,14937966	-0,002	0,329
CHR4	11189141	CHR4:11189141	SSF x Near_LoA	-7,14826384	-0,063	0,315
CHR4	11189167	CHR4:11189167	SSF x Near_LoA	-7,75636288	0,071	0,307
CHR4	11189172	CHR4:11189172	SSF x Near_LoA	-10,8347507	0,016	0,310
CHR4	11189176	CHR4:11189176	SSF x Near_LoA	-11,3609299	0,013	0,308
CHR4	11189270	CHR4:11189270	SSF x Near_LoA	-8,98504512	0,140	0,297
CHR4	11189315	CHR4:11189315	SSF x Near_LoA	-8,95283608	0,057	0,311
CHR4	11193540	CHR4:11193540	SSF x Near_LoA	-9,56178234	0,066	0,302
CHR4	11193615	CHR4:11193615	SSF x Near_LoA	-10,8833847	0,064	0,314
CHR4	11193681	CHR4:11193681	SSF x Near_LoA	-10,1268895	-0,060	0,303
CHR4	11193714	CHR4:11193714	SSF x Near_LoA	-7,05205432	-0,014	0,322
CHR4	11193754	CHR4:11193754	SSF x Near_LoA	-6,84325011	-0,108	0,310
CHR4	11197621	CHR4:11197621	SSF x Near_LoA	-9,18526663	0,019	0,307
CHR4	11201068	CHR4:11201068	SSF x Near_LoA	-10,5159653	-0,032	0,306
CHR4	1120288	CHR4:1120288	SSF x Near_LoA	-8,94681203	-0,033	0,330
CHR4	11202973	CHR4:11202973	SSF x Near_LoA	-10,509829	-0,049	0,315
CHR4	1120443	CHR4:1120443	SSF x Near_LoA	-8,19212614	-0,100	0,318
CHR4	1120597	CHR4:1120597	SSF x Near_LoA	-7,31562051	-0,066	0,322
CHR4	11207846	CHR4:11207846	SSF x Near_LoA	-9,8267046	0,027	0,296
CHR4	11209646	CHR4:11209646	SSF x Near_LoA	-11,4244126	0,056	0,314

CHR4	11212588	CHR4:11212588	SSF x Near_LoA	-10,6063893	0,023	0,298
CHR4	11212638	CHR4:11212638	SSF x Near_LoA	-5,8967427	0,139	0,292
CHR4	11212654	CHR4:11212654	SSF x Near_LoA	-11,3931047	0,101	0,306
CHR4	11213508	CHR4:11213508	SSF x Near_LoA	-10,8535817	0,023	0,301
CHR4	11231156	CHR4:11231156	SSF x Near_LoA	-9,65062242	0,083	0,308
CHR4	11235856	CHR4:11235856	SSF x Near_LoA	-7,61731197	-0,010	0,308
CHR4	11236836	CHR4:11236836	SSF x Near_LoA	-10,6691762	0,110	0,301
CHR4	11236871	CHR4:11236871	SSF x Near_LoA	-8,37243446	0,003	0,299
CHR4	11236874	CHR4:11236874	SSF x Near_LoA	-9,66757125	-0,034	0,307
CHR4	11236951	CHR4:11236951	SSF x Near_LoA	-8,36411169	0,041	0,305
CHR4	11236991	CHR4:11236991	SSF x Near_LoA	-8,79703996	0,054	0,309
CHR4	11237005	CHR4:11237005	SSF x Near_LoA	-10,6794802	-0,026	0,289
CHR4	11237034	CHR4:11237034	SSF x Near_LoA	-8,94731389	-0,096	0,324
CHR4	11237041	CHR4:11237041	SSF x Near_LoA	-5,59482736	0,058	0,308
CHR4	11237060	CHR4:11237060	SSF x Near_LoA	-9,60728894	0,090	0,309
CHR4	11237062	CHR4:11237062	SSF x Near_LoA	-9,77070752	-0,082	0,304
CHR4	11245042	CHR4:11245042	SSF x Near_LoA	-8,94437446	0,102	0,301
CHR4	11245129	CHR4:11245129	SSF x Near_LoA	-7,37124266	-0,092	0,315
CHR4	11245147	CHR4:11245147	SSF x Near_LoA	-8,72820496	-0,073	0,307
CHR4	11245169	CHR4:11245169	SSF x Near_LoA	-9,21848256	0,041	0,301
CHR4	11245244	CHR4:11245244	SSF x Near_LoA	-8,66478379	0,029	0,306
CHR4	11245248	CHR4:11245248	SSF x Near_LoA	-7,97706854	-0,014	0,306
CHR4	11245270	CHR4:11245270	SSF x Near_LoA	-9,08026487	0,074	0,294
CHR4	11245284	CHR4:11245284	SSF x Near_LoA	-10,636416	0,028	0,303
CHR4	11259252	CHR4:11259252	SSF x Near_LoA	-10,6459778	-0,082	0,314
CHR4	11259313	CHR4:11259313	SSF x Near_LoA	-11,6646616	0,048	0,307
CHR4	11259382	CHR4:11259382	SSF x Near_LoA	-7,14158744	0,077	0,308
CHR4	11259484	CHR4:11259484	SSF x Near_LoA	-11,5148792	0,019	0,310
CHR4	11259501	CHR4:11259501	SSF x Near_LoA	-8,21739678	-0,037	0,300
CHR4	11259581	CHR4:11259581	SSF x Near_LoA	-7,76588433	0,087	0,299
CHR4	11262133	CHR4:11262133	SSF x Near_LoA	-8,11962465	-0,096	0,316
CHR4	11268937	CHR4:11268937	SSF x Near_LoA	-4,22624633	0,191	0,293
CHR4	11268964	CHR4:11268964	SSF x Near_LoA	-9,03128886	0,150	0,304
CHR4	11293038	CHR4:11293038	SSF x Near_LoA	-9,27433128	0,019	0,296
CHR4	11293291	CHR4:11293291	SSF x Near_LoA	-10,5922618	0,030	0,317
CHR4	11295854	CHR4:11295854	SSF x Near_LoA	-11,4466785	-0,033	0,311
CHR4	11295894	CHR4:11295894	SSF x Near_LoA	-8,34635999	-0,079	0,312
CHR4	11295908	CHR4:11295908	SSF x Near_LoA	-6,81432642	-0,223	0,283
CHR4	11295980	CHR4:11295980	SSF x Near_LoA	-5,14016304	-0,177	0,307
CHR4	11302067	CHR4:11302067	SSF x Near_LoA	-9,00353013	0,001	0,315
CHR4	11302109	CHR4:11302109	SSF x Near_LoA	-10,3954215	0,040	0,311
CHR4	11318750	CHR4:11318750	SSF x Near_LoA	-9,96221363	-0,030	0,318
CHR4	11324022	CHR4:11324022	SSF x Near_LoA	-9,4878918	-0,060	0,308
CHR4	11324055	CHR4:11324055	SSF x Near_LoA	-7,9549891	0,090	0,304
CHR4	11324089	CHR4:11324089	SSF x Near_LoA	-10,8433348	-0,089	0,303
CHR4	11324099	CHR4:11324099	SSF x Near_LoA	-8,33202295	0,089	0,324
CHR4	11324135	CHR4:11324135	SSF x Near_LoA	-10,6899451	-0,101	0,304
CHR4	11324140	CHR4:11324140	SSF x Near_LoA	0,31271212	-0,108	0,310
CHR4	1133061	CHR4:1133061	SSF x Near_LoA	-9,23621434	0,147	0,315
CHR4	11340521	CHR4:11340521	SSF x Near_LoA	-8,66061507	0,116	0,316
CHR4	11340573	CHR4:11340573	SSF x Near_LoA	-12,037922	0,039	0,295
CHR4	11340618	CHR4:11340618	SSF x Near_LoA	-11,4650908	-0,084	0,306
CHR4	11341103	CHR4:11341103	SSF x Near_LoA	-8,2565955	0,078	0,310

CHR4	11360772	CHR4:11360772	SSF x Near_LoA	-11,747146	-0,068	0,304
CHR4	11360778	CHR4:11360778	SSF x Near_LoA	-8,59430711	0,045	0,298
CHR4	11360788	CHR4:11360788	SSF x Near_LoA	-9,80955504	-0,068	0,305
CHR4	11360793	CHR4:11360793	SSF x Near_LoA	-8,09322959	-0,103	0,312
CHR4	11360803	CHR4:11360803	SSF x Near_LoA	-12,4592798	-0,039	0,300
CHR4	11360823	CHR4:11360823	SSF x Near_LoA	-11,7120506	-0,053	0,313
CHR4	11374932	CHR4:11374932	SSF x Near_LoA	-8,24408626	0,004	0,322
CHR4	11374933	CHR4:11374933	SSF x Near_LoA	-10,0424662	0,047	0,309
CHR4	11374971	CHR4:11374971	SSF x Near_LoA	-8,67348923	0,008	0,304
CHR4	11375014	CHR4:11375014	SSF x Near_LoA	-8,09930715	0,087	0,309
CHR4	11376139	CHR4:11376139	SSF x Near_LoA	-9,03615081	-0,089	0,321
CHR4	11376226	CHR4:11376226	SSF x Near_LoA	-8,62585474	0,063	0,309
CHR4	11394751	CHR4:11394751	SSF x Near_LoA	-7,78380143	-0,011	0,326
CHR4	11394802	CHR4:11394802	SSF x Near_LoA	-9,50524941	0,106	0,306
CHR4	11397608	CHR4:11397608	SSF x Near_LoA	-7,62849899	0,116	0,315
CHR4	11397664	CHR4:11397664	SSF x Near_LoA	-9,17953138	0,054	0,302
CHR4	11397666	CHR4:11397666	SSF x Near_LoA	-8,28050217	0,155	0,294
CHR4	11397676	CHR4:11397676	SSF x Near_LoA	-7,36068506	0,160	0,295
CHR4	11407636	CHR4:11407636	SSF x Near_LoA	-9,02280434	-0,050	0,302
CHR4	11407637	CHR4:11407637	SSF x Near_LoA	-8,07515457	-0,025	0,305
CHR4	11407703	CHR4:11407703	SSF x Near_LoA	-9,43242842	-0,020	0,304
CHR4	11407751	CHR4:11407751	SSF x Near_LoA	-10,5486363	0,092	0,305
CHR4	11410613	CHR4:11410613	SSF x Near_LoA	-7,28279552	-0,144	0,297
CHR4	11410633	CHR4:11410633	SSF x Near_LoA	-8,17671218	-0,084	0,300
CHR4	11410660	CHR4:11410660	SSF x Near_LoA	-11,2141577	-0,006	0,310
CHR4	11410663	CHR4:11410663	SSF x Near_LoA	-9,63155711	0,003	0,306
CHR4	11410671	CHR4:11410671	SSF x Near_LoA	-7,44286061	0,129	0,315
CHR4	11414498	CHR4:11414498	SSF x Near_LoA	-10,9589242	0,074	0,305
CHR4	11426863	CHR4:11426863	SSF x Near_LoA	-9,31288707	0,049	0,310
CHR4	11426914	CHR4:11426914	SSF x Near_LoA	-10,4126255	-0,068	0,304
CHR4	11430731	CHR4:11430731	SSF x Near_LoA	-8,89966975	-0,074	0,297
CHR4	11437653	CHR4:11437653	SSF x Near_LoA	-7,92531499	-0,010	0,317
CHR4	11437665	CHR4:11437665	SSF x Near_LoA	-10,0866501	-0,012	0,315
CHR4	11437667	CHR4:11437667	SSF x Near_LoA	-10,2941143	0,077	0,301
CHR4	11444213	CHR4:11444213	SSF x Near_LoA	-8,32562175	0,116	0,308
CHR4	11444232	CHR4:11444232	SSF x Near_LoA	-0,11468954	-0,073	0,305
CHR4	11444242	CHR4:11444242	SSF x Near_LoA	-8,54018027	-0,028	0,304
CHR4	11444263	CHR4:11444263	SSF x Near_LoA	-8,50990561	0,132	0,310
CHR4	11453430	CHR4:11453430	SSF x Near_LoA	-10,9399671	0,004	0,317
CHR4	11453468	CHR4:11453468	SSF x Near_LoA	-10,4327386	0,015	0,314
CHR4	11456707	CHR4:11456707	SSF x Near_LoA	-7,38099811	-0,078	0,318
CHR4	11456790	CHR4:11456790	SSF x Near_LoA	-10,3085539	0,115	0,300
CHR4	11456800	CHR4:11456800	SSF x Near_LoA	-4,87785211	0,129	0,319
CHR4	11456872	CHR4:11456872	SSF x Near_LoA	-7,43663917	-0,090	0,310
CHR4	11467847	CHR4:11467847	SSF x Near_LoA	-8,40136917	0,120	0,298
CHR4	11467849	CHR4:11467849	SSF x Near_LoA	-8,86895157	0,081	0,296
CHR4	11467968	CHR4:11467968	SSF x Near_LoA	-11,2615413	-0,079	0,302
CHR4	11472833	CHR4:11472833	SSF x Near_LoA	-8,60745404	-0,060	0,310
CHR4	11472881	CHR4:11472881	SSF x Near_LoA	-3,36600015	-0,124	0,292
CHR4	11482940	CHR4:11482940	SSF x Near_LoA	-11,2587558	0,029	0,300
CHR4	11482979	CHR4:11482979	SSF x Near_LoA	-7,72690794	-0,031	0,315
CHR4	11482996	CHR4:11482996	SSF x Near_LoA	-7,17839197	-0,012	0,302
CHR4	11483106	CHR4:11483106	SSF x Near_LoA	-11,5944441	0,041	0,290

CHR4	11490799	CHR4:11490799	SSF x Near_LoA	-8,99222097	0,049	0,305
CHR4	11490818	CHR4:11490818	SSF x Near_LoA	-11,08106	0,035	0,300
CHR4	11490819	CHR4:11490819	SSF x Near_LoA	-10,8088262	0,073	0,302
CHR4	11490852	CHR4:11490852	SSF x Near_LoA	-10,7378697	0,053	0,303
CHR4	11491007	CHR4:11491007	SSF x Near_LoA	-10,5527144	0,000	0,300
CHR4	11491031	CHR4:11491031	SSF x Near_LoA	-8,61289366	0,102	0,311
CHR4	11491040	CHR4:11491040	SSF x Near_LoA	-9,83244313	0,000	0,307
CHR4	11492693	CHR4:11492693	SSF x Near_LoA	-6,19317976	-0,057	0,309
CHR4	11494062	CHR4:11494062	SSF x Near_LoA	-8,58414678	0,007	0,315
CHR4	11494098	CHR4:11494098	SSF x Near_LoA	-6,55555499	-0,085	0,313
CHR4	11494100	CHR4:11494100	SSF x Near_LoA	-9,13137004	-0,061	0,315
CHR4	11494150	CHR4:11494150	SSF x Near_LoA	-7,16415171	0,014	0,305
CHR4	11507486	CHR4:11507486	SSF x Near_LoA	-9,60609043	0,017	0,333
CHR4	11507501	CHR4:11507501	SSF x Near_LoA	-9,32477213	-0,018	0,316
CHR4	11511836	CHR4:11511836	SSF x Near_LoA	-6,48553077	0,068	0,312
CHR4	11512025	CHR4:11512025	SSF x Near_LoA	-8,75669098	-0,073	0,309
CHR4	11512206	CHR4:11512206	SSF x Near_LoA	-10,1793962	0,070	0,305
CHR4	11512226	CHR4:11512226	SSF x Near_LoA	-8,11539761	0,071	0,318
CHR4	11512228	CHR4:11512228	SSF x Near_LoA	-8,57368849	0,064	0,307
CHR4	11518805	CHR4:11518805	SSF x Near_LoA	-8,26219962	-0,035	0,329
CHR4	1152483	CHR4:1152483	SSF x Near_LoA	-9,90000845	-0,011	0,312
CHR4	11525078	CHR4:11525078	SSF x Near_LoA	-2,58715117	0,020	0,304
CHR4	11525168	CHR4:11525168	SSF x Near_LoA	-11,0584459	0,051	0,306
CHR4	11525203	CHR4:11525203	SSF x Near_LoA	-9,33072521	0,003	0,307
CHR4	1152536	CHR4:1152536	SSF x Near_LoA	-8,70227722	0,013	0,305
CHR4	1152648	CHR4:1152648	SSF x Near_LoA	-9,14535067	0,036	0,310
CHR4	1152671	CHR4:1152671	SSF x Near_LoA	-11,4074697	-0,003	0,330
CHR4	1152672	CHR4:1152672	SSF x Near_LoA	-12,1560958	0,002	0,308
CHR4	1152673	CHR4:1152673	SSF x Near_LoA	-10,7509214	-0,033	0,308
CHR4	1152748	CHR4:1152748	SSF x Near_LoA	-5,87469812	0,146	0,302
CHR4	11555892	CHR4:11555892	SSF x Near_LoA	-10,9605692	-0,072	0,308
CHR4	11557766	CHR4:11557766	SSF x Near_LoA	-9,02073631	0,054	0,326
CHR4	11557898	CHR4:11557898	SSF x Near_LoA	-8,62269502	-0,137	0,299
CHR4	11557910	CHR4:11557910	SSF x Near_LoA	-10,4555007	0,052	0,306
CHR4	11557918	CHR4:11557918	SSF x Near_LoA	-9,62617211	0,063	0,309
CHR4	11557937	CHR4:11557937	SSF x Near_LoA	-10,1861488	0,020	0,307
CHR4	11567501	CHR4:11567501	SSF x Near_LoA	-9,85039482	-0,103	0,311
CHR4	11571780	CHR4:11571780	SSF x Near_LoA	-5,99055079	-0,136	0,302
CHR4	11571831	CHR4:11571831	SSF x Near_LoA	-11,4272179	0,101	0,283
CHR4	11573826	CHR4:11573826	SSF x Near_LoA	-9,93140808	-0,035	0,307
CHR4	11573877	CHR4:11573877	SSF x Near_LoA	-9,47550874	0,066	0,295
CHR4	11573894	CHR4:11573894	SSF x Near_LoA	-10,6903455	-0,062	0,302
CHR4	11575847	CHR4:11575847	SSF x Near_LoA	-9,46782075	0,100	0,312
CHR4	11575948	CHR4:11575948	SSF x Near_LoA	-6,78861027	-0,018	0,325
CHR4	11584395	CHR4:11584395	SSF x Near_LoA	-8,89671322	-0,024	0,309
CHR4	11584406	CHR4:11584406	SSF x Near_LoA	-9,31407327	0,016	0,292
CHR4	11587878	CHR4:11587878	SSF x Near_LoA	-8,99565306	0,025	0,312
CHR4	11590099	CHR4:11590099	SSF x Near_LoA	-11,0596385	0,075	0,310
CHR4	11590123	CHR4:11590123	SSF x Near_LoA	-10,729727	0,057	0,310
CHR4	11590179	CHR4:11590179	SSF x Near_LoA	-10,279822	0,021	0,297
CHR4	11601738	CHR4:11601738	SSF x Near_LoA	-8,89492785	0,009	0,302
CHR4	11609512	CHR4:11609512	SSF x Near_LoA	-8,97116704	-0,053	0,323
CHR4	11609523	CHR4:11609523	SSF x Near_LoA	-8,6447235	-0,017	0,318

CHR4	11609539	CHR4:11609539	SSF x Near_LoA	-7,40829319	0,198	0,299
CHR4	11613525	CHR4:11613525	SSF x Near_LoA	-9,45609134	0,102	0,310
CHR4	11613574	CHR4:11613574	SSF x Near_LoA	-7,2034739	0,024	0,312
CHR4	11617396	CHR4:11617396	SSF x Near_LoA	-12,2455187	0,009	0,307
CHR4	11617439	CHR4:11617439	SSF x Near_LoA	-10,8135574	-0,023	0,302
CHR4	11637141	CHR4:11637141	SSF x Near_LoA	-9,12172674	-0,005	0,312
CHR4	11642426	CHR4:11642426	SSF x Near_LoA	-8,18250168	-0,161	0,297
CHR4	11642440	CHR4:11642440	SSF x Near_LoA	-4,60426396	-0,183	0,306
CHR4	11642531	CHR4:11642531	SSF x Near_LoA	-8,23022656	-0,064	0,319
CHR4	11644258	CHR4:11644258	SSF x Near_LoA	-7,46145924	0,109	0,313
CHR4	11644340	CHR4:11644340	SSF x Near_LoA	-9,17783917	-0,039	0,313
CHR4	11644408	CHR4:11644408	SSF x Near_LoA	-8,61869589	-0,102	0,309
CHR4	11644430	CHR4:11644430	SSF x Near_LoA	-6,28572542	-0,130	0,307
CHR4	11646401	CHR4:11646401	SSF x Near_LoA	-10,5991093	-0,022	0,317
CHR4	11646415	CHR4:11646415	SSF x Near_LoA	-6,89173102	0,014	0,317
CHR4	11646439	CHR4:11646439	SSF x Near_LoA	-9,10890516	-0,017	0,312
CHR4	1165970	CHR4:1165970	SSF x Near_LoA	-7,55938521	0,054	0,306
CHR4	11661815	CHR4:11661815	SSF x Near_LoA	-5,92082231	-0,033	0,307
CHR4	11663754	CHR4:11663754	SSF x Near_LoA	-10,2894676	-0,011	0,308
CHR4	11671355	CHR4:11671355	SSF x Near_LoA	-9,79043243	-0,105	0,304
CHR4	11671407	CHR4:11671407	SSF x Near_LoA	-9,33623621	-0,069	0,309
CHR4	1167479	CHR4:1167479	SSF x Near_LoA	-10,8925729	-0,025	0,308
CHR4	11677267	CHR4:11677267	SSF x Near_LoA	-8,2009055	-0,106	0,312
CHR4	11677411	CHR4:11677411	SSF x Near_LoA	-9,45499717	-0,047	0,302
CHR4	11682971	CHR4:11682971	SSF x Near_LoA	-7,59588944	-0,035	0,306
CHR4	11686240	CHR4:11686240	SSF x Near_LoA	-8,57048907	-0,039	0,300
CHR4	11686268	CHR4:11686268	SSF x Near_LoA	-11,5835205	-0,012	0,307
CHR4	11686276	CHR4:11686276	SSF x Near_LoA	-7,3924608	-0,038	0,312
CHR4	11686289	CHR4:11686289	SSF x Near_LoA	-8,9135956	-0,089	0,302
CHR4	11686345	CHR4:11686345	SSF x Near_LoA	-8,54736915	-0,016	0,314
CHR4	11694917	CHR4:11694917	SSF x Near_LoA	-3,6062531	0,053	0,325
CHR4	11696525	CHR4:11696525	SSF x Near_LoA	-10,1780994	-0,057	0,299
CHR4	11704618	CHR4:11704618	SSF x Near_LoA	-8,83315498	0,098	0,288
CHR4	1172405	CHR4:1172405	SSF x Near_LoA	-9,74991739	-0,101	0,304
CHR4	1172428	CHR4:1172428	SSF x Near_LoA	-11,0450701	0,026	0,299
CHR4	11745883	CHR4:11745883	SSF x Near_LoA	-9,09200469	-0,056	0,304
CHR4	11745953	CHR4:11745953	SSF x Near_LoA	-5,80299721	-0,007	0,310
CHR4	11745985	CHR4:11745985	SSF x Near_LoA	-10,0802334	-0,022	0,311
CHR4	11745995	CHR4:11745995	SSF x Near_LoA	-8,60480033	-0,027	0,316
CHR4	11746030	CHR4:11746030	SSF x Near_LoA	-8,44048405	0,071	0,317
CHR4	11753050	CHR4:11753050	SSF x Near_LoA	-8,87862233	-0,045	0,308
CHR4	11766914	CHR4:11766914	SSF x Near_LoA	-8,48654835	0,037	0,308
CHR4	11770196	CHR4:11770196	SSF x Near_LoA	-10,2040156	0,005	0,312
CHR4	11770308	CHR4:11770308	SSF x Near_LoA	-10,9741482	0,009	0,300
CHR4	11770322	CHR4:11770322	SSF x Near_LoA	-10,8175872	-0,035	0,294
CHR4	11770389	CHR4:11770389	SSF x Near_LoA	-5,8604497	0,091	0,321
CHR4	11770466	CHR4:11770466	SSF x Near_LoA	-9,57510483	-0,006	0,310
CHR4	11783663	CHR4:11783663	SSF x Near_LoA	-9,71540883	-0,033	0,313
CHR4	11794405	CHR4:11794405	SSF x Near_LoA	-8,25196984	-0,037	0,309
CHR4	11837283	CHR4:11837283	SSF x Near_LoA	-9,00116991	-0,165	0,308
CHR4	11840068	CHR4:11840068	SSF x Near_LoA	-6,40529309	0,060	0,299
CHR4	11846224	CHR4:11846224	SSF x Near_LoA	-9,17217246	0,049	0,302
CHR4	11846295	CHR4:11846295	SSF x Near_LoA	-8,91295216	0,029	0,306

CHR4	11846296	CHR4:11846296	SSF x Near_LoA	-7,88270319	0,091	0,309
CHR4	11846372	CHR4:11846372	SSF x Near_LoA	-9,03284999	0,082	0,307
CHR4	11846378	CHR4:11846378	SSF x Near_LoA	-9,35114272	-0,007	0,314
CHR4	11846425	CHR4:11846425	SSF x Near_LoA	-8,33666637	-0,018	0,308
CHR4	11865868	CHR4:11865868	SSF x Near_LoA	-9,74431174	0,094	0,301
CHR4	11865965	CHR4:11865965	SSF x Near_LoA	-10,8590423	-0,078	0,319
CHR4	11866094	CHR4:11866094	SSF x Near_LoA	-9,22013819	-0,087	0,308
CHR4	11880147	CHR4:11880147	SSF x Near_LoA	-10,1275361	0,005	0,305
CHR4	11888959	CHR4:11888959	SSF x Near_LoA	-7,66826829	0,133	0,315
CHR4	11895854	CHR4:11895854	SSF x Near_LoA	-9,31811045	0,115	0,302
CHR4	11897108	CHR4:11897108	SSF x Near_LoA	-10,4629867	0,084	0,316
CHR4	1189738	CHR4:1189738	SSF x Near_LoA	-9,69490277	-0,056	0,309
CHR4	1189739	CHR4:1189739	SSF x Near_LoA	-11,8190078	-0,079	0,317
CHR4	1189765	CHR4:1189765	SSF x Near_LoA	-11,4546063	-0,012	0,310
CHR4	1189815	CHR4:1189815	SSF x Near_LoA	-9,18176055	-0,011	0,318
CHR4	11901209	CHR4:11901209	SSF x Near_LoA	-7,40105803	0,149	0,314
CHR4	11905412	CHR4:11905412	SSF x Near_LoA	-7,74345194	0,059	0,309
CHR4	11908437	CHR4:11908437	SSF x Near_LoA	-8,79606576	-0,012	0,306
CHR4	11908479	CHR4:11908479	SSF x Near_LoA	-11,2477949	0,006	0,311
CHR4	11908484	CHR4:11908484	SSF x Near_LoA	-6,15743488	0,005	0,310
CHR4	11908528	CHR4:11908528	SSF x Near_LoA	-9,76199887	-0,071	0,319
CHR4	11912420	CHR4:11912420	SSF x Near_LoA	-11,3594957	0,079	0,305
CHR4	11916144	CHR4:11916144	SSF x Near_LoA	1,81209065	-0,123	0,304
CHR4	11919385	CHR4:11919385	SSF x Near_LoA	-8,70877574	0,003	0,310
CHR4	11919523	CHR4:11919523	SSF x Near_LoA	-10,2431021	-0,097	0,306
CHR4	11920606	CHR4:11920606	SSF x Near_LoA	-8,91904165	-0,139	0,298
CHR4	11920692	CHR4:11920692	SSF x Near_LoA	-7,5829991	0,161	0,301
CHR4	11920726	CHR4:11920726	SSF x Near_LoA	-11,1905004	-0,028	0,299
CHR4	11925021	CHR4:11925021	SSF x Near_LoA	-7,73751302	0,023	0,304
CHR4	11925036	CHR4:11925036	SSF x Near_LoA	-8,1391696	0,138	0,311
CHR4	11925039	CHR4:11925039	SSF x Near_LoA	-12,2006938	0,008	0,291
CHR4	11925043	CHR4:11925043	SSF x Near_LoA	-11,6038317	0,025	0,307
CHR4	1193637	CHR4:1193637	SSF x Near_LoA	-7,62053817	-0,069	0,306
CHR4	1193639	CHR4:1193639	SSF x Near_LoA	-9,04600077	0,044	0,303
CHR4	1193663	CHR4:1193663	SSF x Near_LoA	-11,9843418	-0,021	0,307
CHR4	1193722	CHR4:1193722	SSF x Near_LoA	-7,19196349	-0,119	0,305
CHR4	1193821	CHR4:1193821	SSF x Near_LoA	-11,5871764	0,014	0,313
CHR4	1193824	CHR4:1193824	SSF x Near_LoA	-8,83437411	0,009	0,314
CHR4	1193834	CHR4:1193834	SSF x Near_LoA	-11,2542859	-0,078	0,296
CHR4	11949347	CHR4:11949347	SSF x Near_LoA	-8,37715805	-0,102	0,299
CHR4	11951160	CHR4:11951160	SSF x Near_LoA	-8,03932499	0,120	0,311
CHR4	11955931	CHR4:11955931	SSF x Near_LoA	-7,17164895	0,006	0,310
CHR4	11955932	CHR4:11955932	SSF x Near_LoA	-9,27113343	-0,015	0,311
CHR4	11956047	CHR4:11956047	SSF x Near_LoA	-8,33514854	-0,046	0,309
CHR4	11956048	CHR4:11956048	SSF x Near_LoA	-8,64562903	-0,085	0,300
CHR4	11956115	CHR4:11956115	SSF x Near_LoA	-8,54128295	0,040	0,310
CHR4	11958398	CHR4:11958398	SSF x Near_LoA	-11,2137867	-0,008	0,303
CHR4	1196758	CHR4:1196758	SSF x Near_LoA	-7,36077558	-0,091	0,310
CHR4	11970783	CHR4:11970783	SSF x Near_LoA	-11,2531617	-0,018	0,304
CHR4	11970945	CHR4:11970945	SSF x Near_LoA	-9,57669949	-0,003	0,308
CHR4	11977155	CHR4:11977155	SSF x Near_LoA	-8,72165429	0,056	0,317
CHR4	11977208	CHR4:11977208	SSF x Near_LoA	-9,18525282	0,128	0,286
CHR4	11977210	CHR4:11977210	SSF x Near_LoA	-7,84005778	0,080	0,296

CHR4	11977211	CHR4:11977211	SSF x Near_LoA	-1,48451396	0,125	0,313
CHR4	11988217	CHR4:11988217	SSF x Near_LoA	-7,76713275	0,108	0,319
CHR4	11988220	CHR4:11988220	SSF x Near_LoA	-7,73708351	-0,085	0,300
CHR4	11988265	CHR4:11988265	SSF x Near_LoA	-10,7018881	0,035	0,299
CHR4	11988274	CHR4:11988274	SSF x Near_LoA	-10,9120999	0,006	0,311
CHR4	11988290	CHR4:11988290	SSF x Near_LoA	-11,5803427	0,065	0,307
CHR4	11988297	CHR4:11988297	SSF x Near_LoA	-9,04891397	-0,053	0,299
CHR4	11988298	CHR4:11988298	SSF x Near_LoA	-11,6139907	-0,026	0,309
CHR4	11988310	CHR4:11988310	SSF x Near_LoA	-8,91053769	0,064	0,313
CHR4	11988497	CHR4:11988497	SSF x Near_LoA	-8,01974488	0,080	0,302
CHR4	12012711	CHR4:12012711	SSF x Near_LoA	-8,85927956	-0,024	0,320
CHR4	12012909	CHR4:12012909	SSF x Near_LoA	-10,2620693	-0,032	0,312
CHR4	12012916	CHR4:12012916	SSF x Near_LoA	-9,1433648	0,022	0,309
CHR4	12012936	CHR4:12012936	SSF x Near_LoA	-10,0315739	0,040	0,301
CHR4	12014377	CHR4:12014377	SSF x Near_LoA	-7,88002811	-0,039	0,312
CHR4	12015791	CHR4:12015791	SSF x Near_LoA	-9,6312523	0,064	0,297
CHR4	12015814	CHR4:12015814	SSF x Near_LoA	-7,94062808	0,103	0,313
CHR4	12015830	CHR4:12015830	SSF x Near_LoA	-8,65126045	-0,042	0,297
CHR4	12015856	CHR4:12015856	SSF x Near_LoA	-10,251872	0,038	0,309
CHR4	12016923	CHR4:12016923	SSF x Near_LoA	-9,3947946	0,063	0,304
CHR4	12016946	CHR4:12016946	SSF x Near_LoA	-9,09344238	-0,115	0,298
CHR4	12016967	CHR4:12016967	SSF x Near_LoA	-8,82402648	-0,038	0,315
CHR4	12017019	CHR4:12017019	SSF x Near_LoA	-8,20392317	0,028	0,306
CHR4	12017033	CHR4:12017033	SSF x Near_LoA	-8,78187462	0,028	0,310
CHR4	12019064	CHR4:12019064	SSF x Near_LoA	-8,97808077	-0,011	0,313
CHR4	12019102	CHR4:12019102	SSF x Near_LoA	-8,91880066	0,094	0,306
CHR4	12019107	CHR4:12019107	SSF x Near_LoA	-9,90763123	0,029	0,304
CHR4	12026583	CHR4:12026583	SSF x Near_LoA	-8,29997384	-0,094	0,309
CHR4	12026588	CHR4:12026588	SSF x Near_LoA	-10,9202452	-0,028	0,313
CHR4	12026589	CHR4:12026589	SSF x Near_LoA	-9,13593119	-0,021	0,298
CHR4	12026681	CHR4:12026681	SSF x Near_LoA	-10,5887171	0,011	0,311
CHR4	12026803	CHR4:12026803	SSF x Near_LoA	-9,71799485	-0,025	0,301
CHR4	12026810	CHR4:12026810	SSF x Near_LoA	-7,53946751	0,012	0,292
CHR4	12030597	CHR4:12030597	SSF x Near_LoA	-9,03972126	0,020	0,294
CHR4	12030621	CHR4:12030621	SSF x Near_LoA	-8,96336766	0,026	0,303
CHR4	12030682	CHR4:12030682	SSF x Near_LoA	-10,1381042	-0,012	0,302
CHR4	1203552	CHR4:1203552	SSF x Near_LoA	-8,47395401	-0,043	0,316
CHR4	1203654	CHR4:1203654	SSF x Near_LoA	-8,93940318	0,037	0,315
CHR4	12037554	CHR4:12037554	SSF x Near_LoA	-8,5143003	-0,142	0,317
CHR4	12037555	CHR4:12037555	SSF x Near_LoA	-7,62601272	-0,066	0,319
CHR4	12037565	CHR4:12037565	SSF x Near_LoA	-10,0084229	0,059	0,307
CHR4	12037572	CHR4:12037572	SSF x Near_LoA	-9,45476535	0,067	0,306
CHR4	12037607	CHR4:12037607	SSF x Near_LoA	-7,72699062	0,116	0,301
CHR4	12037623	CHR4:12037623	SSF x Near_LoA	-9,25090994	0,037	0,305
CHR4	1203764	CHR4:1203764	SSF x Near_LoA	-7,7677309	-0,129	0,307
CHR4	12040995	CHR4:12040995	SSF x Near_LoA	-7,53996973	0,058	0,316
CHR4	12041154	CHR4:12041154	SSF x Near_LoA	-9,33025563	-0,019	0,310
CHR4	12041161	CHR4:12041161	SSF x Near_LoA	-9,93660459	0,017	0,303
CHR4	12045877	CHR4:12045877	SSF x Near_LoA	-8,06530037	0,005	0,304
CHR4	12045886	CHR4:12045886	SSF x Near_LoA	-10,5140824	-0,064	0,303
CHR4	12045953	CHR4:12045953	SSF x Near_LoA	-7,72817576	0,067	0,310
CHR4	12046055	CHR4:12046055	SSF x Near_LoA	-5,44520299	-0,098	0,300
CHR4	12046089	CHR4:12046089	SSF x Near_LoA	-9,41893534	0,036	0,311

CHR4	12070507	CHR4:12070507	SSF x Near_LoA	-9,54363803	-0,013	0,307
CHR4	12075201	CHR4:12075201	SSF x Near_LoA	-10,6871936	-0,036	0,303
CHR4	12075247	CHR4:12075247	SSF x Near_LoA	-11,4106851	-0,005	0,308
CHR4	12075431	CHR4:12075431	SSF x Near_LoA	-8,15447526	-0,049	0,315
CHR4	12079624	CHR4:12079624	SSF x Near_LoA	-6,75174287	-0,193	0,296
CHR4	12079677	CHR4:12079677	SSF x Near_LoA	-7,31977162	-0,168	0,311
CHR4	12079804	CHR4:12079804	SSF x Near_LoA	-10,4065201	0,050	0,304
CHR4	12079853	CHR4:12079853	SSF x Near_LoA	-10,889614	0,031	0,308
CHR4	12090662	CHR4:12090662	SSF x Near_LoA	-9,38101062	-0,027	0,318
CHR4	12090663	CHR4:12090663	SSF x Near_LoA	-10,9920472	-0,022	0,319
CHR4	12096634	CHR4:12096634	SSF x Near_LoA	-11,8430875	-0,033	0,295
CHR4	12107056	CHR4:12107056	SSF x Near_LoA	-9,43874107	0,114	0,288
CHR4	12107753	CHR4:12107753	SSF x Near_LoA	-11,4876742	-0,013	0,310
CHR4	12116598	CHR4:12116598	SSF x Near_LoA	-8,19176224	0,039	0,308
CHR4	12130819	CHR4:12130819	SSF x Near_LoA	-11,4944315	-0,012	0,312
CHR4	12130820	CHR4:12130820	SSF x Near_LoA	-10,4841914	-0,044	0,312
CHR4	12130894	CHR4:12130894	SSF x Near_LoA	-11,8518831	-0,023	0,297
CHR4	12131039	CHR4:12131039	SSF x Near_LoA	-11,255835	0,024	0,300
CHR4	12139393	CHR4:12139393	SSF x Near_LoA	-9,24419255	0,045	0,315
CHR4	12140386	CHR4:12140386	SSF x Near_LoA	-8,29298318	-0,072	0,304
CHR4	12140389	CHR4:12140389	SSF x Near_LoA	-10,0165614	-0,032	0,298
CHR4	12140437	CHR4:12140437	SSF x Near_LoA	-7,62538905	-0,071	0,308
CHR4	12142858	CHR4:12142858	SSF x Near_LoA	-9,26226391	0,014	0,298
CHR4	12142873	CHR4:12142873	SSF x Near_LoA	-9,6120066	0,004	0,319
CHR4	12142878	CHR4:12142878	SSF x Near_LoA	-11,1963683	0,013	0,294
CHR4	12151375	CHR4:12151375	SSF x Near_LoA	-10,277633	-0,055	0,304
CHR4	12161649	CHR4:12161649	SSF x Near_LoA	-7,74314525	-0,053	0,314
CHR4	12161661	CHR4:12161661	SSF x Near_LoA	-9,41169835	-0,061	0,311
CHR4	12174294	CHR4:12174294	SSF x Near_LoA	-9,21779039	0,081	0,312
CHR4	12174323	CHR4:12174323	SSF x Near_LoA	-12,0572259	-0,050	0,308
CHR4	12174433	CHR4:12174433	SSF x Near_LoA	-11,9836607	-0,054	0,296
CHR4	12181036	CHR4:12181036	SSF x Near_LoA	-8,84703289	0,022	0,307
CHR4	12181044	CHR4:12181044	SSF x Near_LoA	-9,16028206	-0,016	0,303
CHR4	12181056	CHR4:12181056	SSF x Near_LoA	-9,70022518	0,048	0,297
CHR4	12181064	CHR4:12181064	SSF x Near_LoA	-5,75669296	0,006	0,306
CHR4	12181149	CHR4:12181149	SSF x Near_LoA	-7,26809504	0,188	0,308
CHR4	12181173	CHR4:12181173	SSF x Near_LoA	-8,69315002	-0,140	0,302
CHR4	12181281	CHR4:12181281	SSF x Near_LoA	-6,46235486	-0,020	0,317
CHR4	12181292	CHR4:12181292	SSF x Near_LoA	-3,66235788	0,013	0,322
CHR4	12185727	CHR4:12185727	SSF x Near_LoA	-5,67211485	-0,199	0,304
CHR4	12185832	CHR4:12185832	SSF x Near_LoA	-6,35915881	-0,154	0,306
CHR4	12191883	CHR4:12191883	SSF x Near_LoA	-6,63595704	-0,062	0,311
CHR4	12195855	CHR4:12195855	SSF x Near_LoA	-9,729814	-0,015	0,307
CHR4	12195923	CHR4:12195923	SSF x Near_LoA	-10,9928972	-0,022	0,307
CHR4	12195928	CHR4:12195928	SSF x Near_LoA	-8,45952925	-0,060	0,319
CHR4	12195936	CHR4:12195936	SSF x Near_LoA	-7,78061631	-0,078	0,308
CHR4	12201105	CHR4:12201105	SSF x Near_LoA	-8,97807756	-0,008	0,304
CHR4	12201146	CHR4:12201146	SSF x Near_LoA	-9,30216855	-0,017	0,309
CHR4	12201193	CHR4:12201193	SSF x Near_LoA	-8,44485252	-0,014	0,314
CHR4	12201215	CHR4:12201215	SSF x Near_LoA	-7,27099877	-0,012	0,313
CHR4	12201310	CHR4:12201310	SSF x Near_LoA	-9,4409834	-0,124	0,305
CHR4	12204201	CHR4:12204201	SSF x Near_LoA	-11,0742932	-0,094	0,296
CHR4	12204249	CHR4:12204249	SSF x Near_LoA	-10,151858	0,016	0,302

CHR4	12204330	CHR4:12204330	SSF x Near_LoA	-10,6718585	0,079	0,295
CHR4	12211413	CHR4:12211413	SSF x Near_LoA	-10,2855998	-0,041	0,291
CHR4	12212154	CHR4:12212154	SSF x Near_LoA	-10,3316465	0,048	0,303
CHR4	12212159	CHR4:12212159	SSF x Near_LoA	-10,0672008	0,016	0,310
CHR4	12215830	CHR4:12215830	SSF x Near_LoA	-9,11241572	0,044	0,308
CHR4	12234305	CHR4:12234305	SSF x Near_LoA	-8,34287169	-0,035	0,308
CHR4	12234307	CHR4:12234307	SSF x Near_LoA	-8,54857633	-0,048	0,299
CHR4	12234314	CHR4:12234314	SSF x Near_LoA	-9,02906083	0,075	0,317
CHR4	12234326	CHR4:12234326	SSF x Near_LoA	-8,61364517	0,093	0,312
CHR4	12242902	CHR4:12242902	SSF x Near_LoA	-8,02615253	0,128	0,309
CHR4	12245518	CHR4:12245518	SSF x Near_LoA	-11,2020813	-0,033	0,298
CHR4	12245722	CHR4:12245722	SSF x Near_LoA	-9,6300114	0,000	0,297
CHR4	12245759	CHR4:12245759	SSF x Near_LoA	-9,1583285	-0,029	0,306
CHR4	12249710	CHR4:12249710	SSF x Near_LoA	-10,4983635	0,005	0,303
CHR4	12249839	CHR4:12249839	SSF x Near_LoA	-8,48049221	-0,043	0,304
CHR4	12249863	CHR4:12249863	SSF x Near_LoA	-9,63127719	0,009	0,309
CHR4	12255450	CHR4:12255450	SSF x Near_LoA	-7,00772604	0,036	0,305
CHR4	12257234	CHR4:12257234	SSF x Near_LoA	-10,1508992	0,012	0,309
CHR4	12268957	CHR4:12268957	SSF x Near_LoA	-8,10767268	0,037	0,305
CHR4	12269083	CHR4:12269083	SSF x Near_LoA	-9,11965312	-0,006	0,291
CHR4	12269229	CHR4:12269229	SSF x Near_LoA	-9,64277567	-0,057	0,313
CHR4	12274865	CHR4:12274865	SSF x Near_LoA	-7,65892322	-0,022	0,309
CHR4	12274944	CHR4:12274944	SSF x Near_LoA	-10,7848818	-0,094	0,305
CHR4	12276289	CHR4:12276289	SSF x Near_LoA	-10,8388362	0,052	0,306
CHR4	12276382	CHR4:12276382	SSF x Near_LoA	-11,361029	0,011	0,316
CHR4	12282699	CHR4:12282699	SSF x Near_LoA	-9,67524139	0,103	0,308
CHR4	12282734	CHR4:12282734	SSF x Near_LoA	-9,28951522	0,117	0,310
CHR4	12282992	CHR4:12282992	SSF x Near_LoA	-10,0528497	0,085	0,299
CHR4	12284876	CHR4:12284876	SSF x Near_LoA	-8,88055995	-0,050	0,306
CHR4	12284964	CHR4:12284964	SSF x Near_LoA	-5,41068561	-0,050	0,305
CHR4	12286457	CHR4:12286457	SSF x Near_LoA	-10,7687647	-0,048	0,307
CHR4	12286470	CHR4:12286470	SSF x Near_LoA	-7,00846666	0,049	0,321
CHR4	12286533	CHR4:12286533	SSF x Near_LoA	-9,52595798	-0,038	0,315
CHR4	12289094	CHR4:12289094	SSF x Near_LoA	-11,1408415	-0,078	0,329
CHR4	12289118	CHR4:12289118	SSF x Near_LoA	-7,25235715	0,106	0,305
CHR4	12289121	CHR4:12289121	SSF x Near_LoA	-9,30728523	-0,053	0,303
CHR4	12289175	CHR4:12289175	SSF x Near_LoA	-11,1926954	-0,044	0,303
CHR4	12289179	CHR4:12289179	SSF x Near_LoA	-8,08696228	-0,108	0,299
CHR4	12289987	CHR4:12289987	SSF x Near_LoA	-11,7610986	-0,027	0,292
CHR4	12290005	CHR4:12290005	SSF x Near_LoA	-10,8891935	-0,108	0,289
CHR4	12293892	CHR4:12293892	SSF x Near_LoA	-9,31770446	0,022	0,299
CHR4	12296898	CHR4:12296898	SSF x Near_LoA	-6,71243468	-0,036	0,308
CHR4	12296907	CHR4:12296907	SSF x Near_LoA	-9,42430442	-0,012	0,300
CHR4	12300808	CHR4:12300808	SSF x Near_LoA	-9,52561097	0,135	0,303
CHR4	12300819	CHR4:12300819	SSF x Near_LoA	-8,44001713	0,031	0,309
CHR4	12300863	CHR4:12300863	SSF x Near_LoA	-8,52436663	-0,020	0,319
CHR4	12300900	CHR4:12300900	SSF x Near_LoA	-9,72575712	0,012	0,304
CHR4	12300931	CHR4:12300931	SSF x Near_LoA	-8,68977123	0,033	0,305
CHR4	12304891	CHR4:12304891	SSF x Near_LoA	-7,51254144	0,068	0,300
CHR4	12304909	CHR4:12304909	SSF x Near_LoA	-8,59490965	-0,043	0,313
CHR4	12307048	CHR4:12307048	SSF x Near_LoA	-8,93232009	-0,080	0,309
CHR4	12307093	CHR4:12307093	SSF x Near_LoA	-9,77118812	-0,046	0,298
CHR4	12307202	CHR4:12307202	SSF x Near_LoA	-10,8623305	-0,034	0,310

CHR4	12307205	CHR4:12307205	SSF x Near_LoA	-9,33570033	-0,082	0,305
CHR4	12317673	CHR4:12317673	SSF x Near_LoA	-9,59270351	-0,004	0,305
CHR4	12317777	CHR4:12317777	SSF x Near_LoA	-8,59352982	0,022	0,315
CHR4	12317800	CHR4:12317800	SSF x Near_LoA	-12,2414869	0,061	0,303
CHR4	12345056	CHR4:12345056	SSF x Near_LoA	-10,3657265	-0,097	0,298
CHR4	12372738	CHR4:12372738	SSF x Near_LoA	-9,20555376	0,030	0,299
CHR4	12372745	CHR4:12372745	SSF x Near_LoA	-7,01225578	0,014	0,308
CHR4	12372837	CHR4:12372837	SSF x Near_LoA	-10,7423258	-0,033	0,320
CHR4	12380954	CHR4:12380954	SSF x Near_LoA	-9,84368347	0,138	0,285
CHR4	12381119	CHR4:12381119	SSF x Near_LoA	-9,07690016	-0,003	0,304
CHR4	12381158	CHR4:12381158	SSF x Near_LoA	-8,20381253	0,127	0,299
CHR4	12381170	CHR4:12381170	SSF x Near_LoA	-6,66926106	0,089	0,297
CHR4	12385365	CHR4:12385365	SSF x Near_LoA	2,61724855	-0,003	0,318
CHR4	12385396	CHR4:12385396	SSF x Near_LoA	-10,749343	0,014	0,314
CHR4	12388684	CHR4:12388684	SSF x Near_LoA	-6,25086273	-0,069	0,305
CHR4	12388787	CHR4:12388787	SSF x Near_LoA	-11,3763349	-0,063	0,308
CHR4	12388937	CHR4:12388937	SSF x Near_LoA	-9,78693512	0,064	0,306
CHR4	12393596	CHR4:12393596	SSF x Near_LoA	-10,2703702	-0,010	0,295
CHR4	12393677	CHR4:12393677	SSF x Near_LoA	-9,77387703	-0,082	0,308
CHR4	1239788	CHR4:1239788	SSF x Near_LoA	-8,26089764	-0,150	0,301
CHR4	1239794	CHR4:1239794	SSF x Near_LoA	-8,27115907	-0,007	0,306
CHR4	1239842	CHR4:1239842	SSF x Near_LoA	-11,3939684	-0,002	0,305
CHR4	12398550	CHR4:12398550	SSF x Near_LoA	-11,5140709	-0,051	0,313
CHR4	12398563	CHR4:12398563	SSF x Near_LoA	-10,6936876	-0,050	0,298
CHR4	1239894	CHR4:1239894	SSF x Near_LoA	-9,39581849	0,026	0,321
CHR4	1239966	CHR4:1239966	SSF x Near_LoA	-8,57025114	-0,084	0,310
CHR4	1240051	CHR4:1240051	SSF x Near_LoA	-8,8708121	0,020	0,309
CHR4	12416304	CHR4:12416304	SSF x Near_LoA	-10,3921305	-0,006	0,307
CHR4	12416503	CHR4:12416503	SSF x Near_LoA	-10,2967258	-0,047	0,299
CHR4	12416527	CHR4:12416527	SSF x Near_LoA	-10,6533425	-0,062	0,309
CHR4	12417815	CHR4:12417815	SSF x Near_LoA	-3,28924126	0,050	0,306
CHR4	12417816	CHR4:12417816	SSF x Near_LoA	-8,90502488	0,063	0,293
CHR4	12417846	CHR4:12417846	SSF x Near_LoA	-9,88566289	-0,016	0,301
CHR4	12417924	CHR4:12417924	SSF x Near_LoA	-10,7542099	0,125	0,299
CHR4	12418045	CHR4:12418045	SSF x Near_LoA	-11,0374063	0,059	0,302
CHR4	12418065	CHR4:12418065	SSF x Near_LoA	-11,2332399	-0,047	0,305
CHR4	12418072	CHR4:12418072	SSF x Near_LoA	-10,5291936	0,157	0,296
CHR4	12418137	CHR4:12418137	SSF x Near_LoA	-9,86621624	-0,013	0,312
CHR4	12418138	CHR4:12418138	SSF x Near_LoA	-10,4320099	-0,023	0,319
CHR4	12422059	CHR4:12422059	SSF x Near_LoA	-9,58516272	-0,133	0,303
CHR4	12422159	CHR4:12422159	SSF x Near_LoA	-8,72815948	-0,020	0,306
CHR4	12422165	CHR4:12422165	SSF x Near_LoA	-4,69783746	0,212	0,282
CHR4	12422370	CHR4:12422370	SSF x Near_LoA	-8,39333169	-0,152	0,300
CHR4	12422424	CHR4:12422424	SSF x Near_LoA	-10,5085811	0,066	0,312
CHR4	12430603	CHR4:12430603	SSF x Near_LoA	-8,66158871	-0,006	0,319
CHR4	12430631	CHR4:12430631	SSF x Near_LoA	-9,30793821	0,016	0,310
CHR4	12430640	CHR4:12430640	SSF x Near_LoA	-10,1576566	0,068	0,323
CHR4	12430775	CHR4:12430775	SSF x Near_LoA	-11,6241817	0,003	0,300
CHR4	12430794	CHR4:12430794	SSF x Near_LoA	-11,0257897	-0,014	0,299
CHR4	12439912	CHR4:12439912	SSF x Near_LoA	-9,62769558	0,013	0,301
CHR4	12439926	CHR4:12439926	SSF x Near_LoA	-10,3525365	-0,031	0,310
CHR4	12439957	CHR4:12439957	SSF x Near_LoA	-7,67963722	0,122	0,311
CHR4	12441650	CHR4:12441650	SSF x Near_LoA	-11,5203381	0,008	0,304

CHR4	12441682	CHR4:12441682	SSF x Near_LoA	-11,4099334	-0,042	0,296
CHR4	12441732	CHR4:12441732	SSF x Near_LoA	-11,8820833	-0,031	0,305
CHR4	12441734	CHR4:12441734	SSF x Near_LoA	-9,80024196	0,010	0,311
CHR4	12441740	CHR4:12441740	SSF x Near_LoA	-8,54334302	-0,057	0,306
CHR4	12441773	CHR4:12441773	SSF x Near_LoA	-11,9554893	-0,054	0,287
CHR4	12441828	CHR4:12441828	SSF x Near_LoA	-8,9182827	-0,033	0,313
CHR4	12441961	CHR4:12441961	SSF x Near_LoA	-10,123528	-0,080	0,310
CHR4	12441968	CHR4:12441968	SSF x Near_LoA	-8,46336346	0,002	0,309
CHR4	12451119	CHR4:12451119	SSF x Near_LoA	-7,80615243	-0,078	0,299
CHR4	12451160	CHR4:12451160	SSF x Near_LoA	-9,04664507	0,027	0,295
CHR4	12451182	CHR4:12451182	SSF x Near_LoA	-8,60881194	0,038	0,301
CHR4	12451187	CHR4:12451187	SSF x Near_LoA	-8,4031436	0,054	0,301
CHR4	12451225	CHR4:12451225	SSF x Near_LoA	-8,0725277	0,035	0,301
CHR4	12451264	CHR4:12451264	SSF x Near_LoA	-8,95060505	0,086	0,288
CHR4	12458434	CHR4:12458434	SSF x Near_LoA	-12,4560446	0,031	0,306
CHR4	12458439	CHR4:12458439	SSF x Near_LoA	-9,12626344	-0,021	0,319
CHR4	12458445	CHR4:12458445	SSF x Near_LoA	-11,7509282	0,004	0,310
CHR4	12458519	CHR4:12458519	SSF x Near_LoA	-8,45576584	-0,096	0,309
CHR4	12458523	CHR4:12458523	SSF x Near_LoA	-9,31152546	0,045	0,315
CHR4	12460131	CHR4:12460131	SSF x Near_LoA	-9,00772714	-0,040	0,314
CHR4	12468847	CHR4:12468847	SSF x Near_LoA	-8,85947103	0,052	0,307
CHR4	12468893	CHR4:12468893	SSF x Near_LoA	-6,43893103	-0,144	0,301
CHR4	12468907	CHR4:12468907	SSF x Near_LoA	-10,5485632	0,091	0,309
CHR4	12468923	CHR4:12468923	SSF x Near_LoA	-8,32614876	0,147	0,307
CHR4	1246924	CHR4:1246924	SSF x Near_LoA	-5,49148448	0,000	0,317
CHR4	12469745	CHR4:12469745	SSF x Near_LoA	-10,1776431	-0,008	0,320
CHR4	12469752	CHR4:12469752	SSF x Near_LoA	-5,54555811	0,031	0,307
CHR4	1247049	CHR4:1247049	SSF x Near_LoA	-10,5933282	0,081	0,311
CHR4	12472156	CHR4:12472156	SSF x Near_LoA	-10,8187906	-0,067	0,312
CHR4	12472213	CHR4:12472213	SSF x Near_LoA	-11,6053318	0,008	0,306
CHR4	12475857	CHR4:12475857	SSF x Near_LoA	-11,6699908	0,045	0,317
CHR4	12479278	CHR4:12479278	SSF x Near_LoA	-8,57649085	0,089	0,295
CHR4	12479290	CHR4:12479290	SSF x Near_LoA	-9,75820516	0,101	0,301
CHR4	12479348	CHR4:12479348	SSF x Near_LoA	-7,72273217	-0,131	0,306
CHR4	12479423	CHR4:12479423	SSF x Near_LoA	-8,92967886	-0,089	0,296
CHR4	12481012	CHR4:12481012	SSF x Near_LoA	-8,89558495	-0,092	0,297
CHR4	12481039	CHR4:12481039	SSF x Near_LoA	-10,1915587	-0,038	0,303
CHR4	12481086	CHR4:12481086	SSF x Near_LoA	-6,8296614	-0,009	0,314
CHR4	12481170	CHR4:12481170	SSF x Near_LoA	-11,5867278	-0,006	0,309
CHR4	12481185	CHR4:12481185	SSF x Near_LoA	-9,38010826	-0,081	0,309
CHR4	12484754	CHR4:12484754	SSF x Near_LoA	-9,80859197	0,051	0,289
CHR4	12484781	CHR4:12484781	SSF x Near_LoA	-7,93792066	-0,085	0,304
CHR4	12484843	CHR4:12484843	SSF x Near_LoA	-8,68513183	-0,037	0,311
CHR4	12485822	CHR4:12485822	SSF x Near_LoA	-10,3443473	-0,077	0,325
CHR4	12486032	CHR4:12486032	SSF x Near_LoA	-6,56782665	-0,115	0,319
CHR4	12486066	CHR4:12486066	SSF x Near_LoA	-9,99802625	-0,044	0,305
CHR4	12486152	CHR4:12486152	SSF x Near_LoA	-10,6727909	-0,095	0,295
CHR4	12489644	CHR4:12489644	SSF x Near_LoA	-9,96307879	-0,091	0,293
CHR4	12490548	CHR4:12490548	SSF x Near_LoA	-9,92771197	0,006	0,304
CHR4	12490555	CHR4:12490555	SSF x Near_LoA	-11,1413017	0,048	0,316
CHR4	12492836	CHR4:12492836	SSF x Near_LoA	-10,010961	-0,047	0,303
CHR4	12492868	CHR4:12492868	SSF x Near_LoA	-7,98816794	-0,041	0,319
CHR4	12492871	CHR4:12492871	SSF x Near_LoA	-7,36058143	0,048	0,318

CHR4	12493009	CHR4:12493009	SSF x Near_LoA	-11,4988447	-0,026	0,312
CHR4	12499210	CHR4:12499210	SSF x Near_LoA	-8,07307639	0,039	0,320
CHR4	12499216	CHR4:12499216	SSF x Near_LoA	-8,22725471	-0,056	0,320
CHR4	12499265	CHR4:12499265	SSF x Near_LoA	-8,31637419	-0,072	0,322
CHR4	12499274	CHR4:12499274	SSF x Near_LoA	-8,57338765	-0,058	0,321
CHR4	12499337	CHR4:12499337	SSF x Near_LoA	-8,09427268	0,051	0,309
CHR4	12499373	CHR4:12499373	SSF x Near_LoA	-10,541818	0,001	0,304
CHR4	12499431	CHR4:12499431	SSF x Near_LoA	-10,1538973	0,035	0,309
CHR4	12503060	CHR4:12503060	SSF x Near_LoA	-9,11269743	-0,007	0,315
CHR4	12503309	CHR4:12503309	SSF x Near_LoA	-10,8638289	-0,003	0,305
CHR4	12512632	CHR4:12512632	SSF x Near_LoA	-8,00697115	0,060	0,305
CHR4	12512641	CHR4:12512641	SSF x Near_LoA	-8,22858495	-0,165	0,297
CHR4	12512646	CHR4:12512646	SSF x Near_LoA	-11,5055495	-0,076	0,313
CHR4	12512684	CHR4:12512684	SSF x Near_LoA	-10,6103271	-0,009	0,297
CHR4	12519850	CHR4:12519850	SSF x Near_LoA	-7,34283702	0,060	0,310
CHR4	12519975	CHR4:12519975	SSF x Near_LoA	-8,73164217	-0,026	0,295
CHR4	12520018	CHR4:12520018	SSF x Near_LoA	-8,38249522	-0,009	0,317
CHR4	12527206	CHR4:12527206	SSF x Near_LoA	-7,69451565	-0,113	0,307
CHR4	12527208	CHR4:12527208	SSF x Near_LoA	-8,81740724	-0,128	0,288
CHR4	12527222	CHR4:12527222	SSF x Near_LoA	-7,31056975	-0,071	0,315
CHR4	12527260	CHR4:12527260	SSF x Near_LoA	-9,38052772	-0,040	0,304
CHR4	12527312	CHR4:12527312	SSF x Near_LoA	-9,49565944	-0,074	0,315
CHR4	12527830	CHR4:12527830	SSF x Near_LoA	-8,47419822	0,055	0,308
CHR4	12527896	CHR4:12527896	SSF x Near_LoA	-7,3763681	0,008	0,319
CHR4	12535410	CHR4:12535410	SSF x Near_LoA	-10,6617848	0,001	0,303
CHR4	12535415	CHR4:12535415	SSF x Near_LoA	-7,96567904	-0,093	0,291
CHR4	12535454	CHR4:12535454	SSF x Near_LoA	-9,02701556	-0,097	0,293
CHR4	12550794	CHR4:12550794	SSF x Near_LoA	-0,26178642	-0,041	0,314
CHR4	12550848	CHR4:12550848	SSF x Near_LoA	-9,42329616	0,075	0,304
CHR4	12567605	CHR4:12567605	SSF x Near_LoA	-9,92074629	0,013	0,300
CHR4	12570717	CHR4:12570717	SSF x Near_LoA	-9,3824519	0,003	0,312
CHR4	12578489	CHR4:12578489	SSF x Near_LoA	-6,855043	-0,046	0,312
CHR4	12578519	CHR4:12578519	SSF x Near_LoA	-6,03093319	0,036	0,304
CHR4	12578672	CHR4:12578672	SSF x Near_LoA	-10,705769	-0,012	0,303
CHR4	12578720	CHR4:12578720	SSF x Near_LoA	-11,0422863	-0,114	0,301
CHR4	12578828	CHR4:12578828	SSF x Near_LoA	-8,3539283	-0,006	0,316
CHR4	12583642	CHR4:12583642	SSF x Near_LoA	-3,69308568	0,200	0,282
CHR4	12583693	CHR4:12583693	SSF x Near_LoA	-11,0315957	-0,134	0,300
CHR4	12583707	CHR4:12583707	SSF x Near_LoA	-2,52921796	0,189	0,293
CHR4	12583730	CHR4:12583730	SSF x Near_LoA	-5,07105332	0,202	0,291
CHR4	12583777	CHR4:12583777	SSF x Near_LoA	-7,34676943	0,092	0,308
CHR4	12583780	CHR4:12583780	SSF x Near_LoA	-7,41930866	0,102	0,300
CHR4	12583794	CHR4:12583794	SSF x Near_LoA	-8,87922467	-0,073	0,326
CHR4	12583837	CHR4:12583837	SSF x Near_LoA	-7,91513019	0,098	0,311
CHR4	12583858	CHR4:12583858	SSF x Near_LoA	-11,839135	-0,109	0,303
CHR4	12593000	CHR4:12593000	SSF x Near_LoA	-8,37158645	-0,032	0,312
CHR4	12593006	CHR4:12593006	SSF x Near_LoA	-10,9463156	0,045	0,316
CHR4	12593040	CHR4:12593040	SSF x Near_LoA	-5,95145325	-0,070	0,295
CHR4	12593058	CHR4:12593058	SSF x Near_LoA	-9,13896998	-0,066	0,306
CHR4	12593060	CHR4:12593060	SSF x Near_LoA	-9,54938029	-0,059	0,308
CHR4	12593168	CHR4:12593168	SSF x Near_LoA	-7,15466083	-0,048	0,312
CHR4	12593195	CHR4:12593195	SSF x Near_LoA	-8,53969396	-0,085	0,302
CHR4	12593225	CHR4:12593225	SSF x Near_LoA	-8,08780231	0,152	0,296

CHR4	12604025	CHR4:12604025	SSF x Near_LoA	-8,80781017	-0,127	0,315
CHR4	12604178	CHR4:12604178	SSF x Near_LoA	-9,96293586	-0,060	0,308
CHR4	12604195	CHR4:12604195	SSF x Near_LoA	-12,1119993	0,024	0,305
CHR4	12604204	CHR4:12604204	SSF x Near_LoA	-9,71741689	-0,058	0,302
CHR4	12604467	CHR4:12604467	SSF x Near_LoA	-10,119193	0,011	0,316
CHR4	12604493	CHR4:12604493	SSF x Near_LoA	-10,8204995	-0,043	0,302
CHR4	12608777	CHR4:12608777	SSF x Near_LoA	-9,05819306	0,108	0,298
CHR4	12608829	CHR4:12608829	SSF x Near_LoA	-4,03992403	0,041	0,327
CHR4	12608876	CHR4:12608876	SSF x Near_LoA	-11,4179442	-0,098	0,296
CHR4	12608895	CHR4:12608895	SSF x Near_LoA	-8,57349328	0,055	0,319
CHR4	12608898	CHR4:12608898	SSF x Near_LoA	-9,62741839	0,088	0,301
CHR4	12608972	CHR4:12608972	SSF x Near_LoA	-11,0817258	0,067	0,306
CHR4	12609020	CHR4:12609020	SSF x Near_LoA	-8,18615053	0,010	0,316
CHR4	12609042	CHR4:12609042	SSF x Near_LoA	-5,91345686	0,114	0,312
CHR4	12620805	CHR4:12620805	SSF x Near_LoA	-9,55590451	0,080	0,304
CHR4	12624985	CHR4:12624985	SSF x Near_LoA	-8,94860707	0,072	0,305
CHR4	12625006	CHR4:12625006	SSF x Near_LoA	-8,33621889	0,026	0,311
CHR4	12628013	CHR4:12628013	SSF x Near_LoA	-9,09010085	0,117	0,313
CHR4	12632525	CHR4:12632525	SSF x Near_LoA	-8,40057924	0,175	0,295
CHR4	12632530	CHR4:12632530	SSF x Near_LoA	-9,853238	0,110	0,301
CHR4	12636828	CHR4:12636828	SSF x Near_LoA	-8,81378092	-0,060	0,299
CHR4	12636988	CHR4:12636988	SSF x Near_LoA	-8,20710495	0,083	0,310
CHR4	12637007	CHR4:12637007	SSF x Near_LoA	-10,7293596	0,066	0,312
CHR4	12637077	CHR4:12637077	SSF x Near_LoA	-8,07005079	0,121	0,295
CHR4	12637080	CHR4:12637080	SSF x Near_LoA	-7,26831999	0,102	0,314
CHR4	12637113	CHR4:12637113	SSF x Near_LoA	-8,5860405	-0,106	0,312
CHR4	12637146	CHR4:12637146	SSF x Near_LoA	-7,18986495	0,133	0,311
CHR4	12637147	CHR4:12637147	SSF x Near_LoA	-7,92183256	-0,103	0,304
CHR4	12637156	CHR4:12637156	SSF x Near_LoA	-8,56509417	0,074	0,313
CHR4	12641457	CHR4:12641457	SSF x Near_LoA	-9,94958776	0,016	0,304
CHR4	12641513	CHR4:12641513	SSF x Near_LoA	-4,34861598	0,089	0,307
CHR4	12641536	CHR4:12641536	SSF x Near_LoA	-9,49478024	0,060	0,308
CHR4	12641552	CHR4:12641552	SSF x Near_LoA	-7,09789235	0,042	0,304
CHR4	12654131	CHR4:12654131	SSF x Near_LoA	-8,44799237	0,059	0,301
CHR4	12654355	CHR4:12654355	SSF x Near_LoA	-7,70644351	-0,006	0,318
CHR4	12659043	CHR4:12659043	SSF x Near_LoA	-7,78825152	-0,021	0,317
CHR4	12659069	CHR4:12659069	SSF x Near_LoA	-8,2248629	-0,043	0,319
CHR4	12659129	CHR4:12659129	SSF x Near_LoA	-11,2030196	0,006	0,313
CHR4	12661309	CHR4:12661309	SSF x Near_LoA	-7,04161022	-0,008	0,309
CHR4	12664281	CHR4:12664281	SSF x Near_LoA	-11,2945999	-0,084	0,307
CHR4	12664416	CHR4:12664416	SSF x Near_LoA	-8,88835279	-0,072	0,312
CHR4	12664418	CHR4:12664418	SSF x Near_LoA	-11,8627463	0,031	0,299
CHR4	12664423	CHR4:12664423	SSF x Near_LoA	-7,33912453	0,006	0,309
CHR4	12664424	CHR4:12664424	SSF x Near_LoA	-8,51892074	0,025	0,307
CHR4	12664441	CHR4:12664441	SSF x Near_LoA	-9,13049387	0,005	0,309
CHR4	12664462	CHR4:12664462	SSF x Near_LoA	-5,3302249	0,118	0,291
CHR4	12664483	CHR4:12664483	SSF x Near_LoA	-9,07821951	-0,160	0,306
CHR4	12664497	CHR4:12664497	SSF x Near_LoA	-6,90987389	-0,067	0,313
CHR4	12664502	CHR4:12664502	SSF x Near_LoA	-8,37850526	-0,124	0,309
CHR4	12664517	CHR4:12664517	SSF x Near_LoA	-7,58904623	-0,020	0,307
CHR4	12664526	CHR4:12664526	SSF x Near_LoA	-4,54331765	-0,052	0,299
CHR4	12668596	CHR4:12668596	SSF x Near_LoA	-9,42083501	-0,013	0,288
CHR4	12668656	CHR4:12668656	SSF x Near_LoA	-10,0138521	-0,025	0,309

CHR4	12668732	CHR4:12668732	SSF x Near_LoA	-9,75493954	-0,033	0,308
CHR4	12668748	CHR4:12668748	SSF x Near_LoA	-11,4731123	0,131	0,293
CHR4	12668812	CHR4:12668812	SSF x Near_LoA	-8,92353908	-0,014	0,311
CHR4	12668856	CHR4:12668856	SSF x Near_LoA	-10,8357049	0,087	0,308
CHR4	12668883	CHR4:12668883	SSF x Near_LoA	-11,4908399	0,077	0,295
CHR4	12668884	CHR4:12668884	SSF x Near_LoA	-10,5419568	0,098	0,300
CHR4	12668921	CHR4:12668921	SSF x Near_LoA	-7,7789645	-0,022	0,309
CHR4	12680731	CHR4:12680731	SSF x Near_LoA	-6,32818741	0,059	0,312
CHR4	12681335	CHR4:12681335	SSF x Near_LoA	-11,1168786	0,019	0,298
CHR4	12688597	CHR4:12688597	SSF x Near_LoA	-8,75750906	0,024	0,301
CHR4	12688663	CHR4:12688663	SSF x Near_LoA	-1,11430098	0,037	0,317
CHR4	12689709	CHR4:12689709	SSF x Near_LoA	-5,87851289	0,056	0,294
CHR4	12696188	CHR4:12696188	SSF x Near_LoA	-8,80289075	0,130	0,309
CHR4	12696206	CHR4:12696206	SSF x Near_LoA	-7,21250691	0,167	0,291
CHR4	12696306	CHR4:12696306	SSF x Near_LoA	-5,88964854	-0,092	0,311
CHR4	12696307	CHR4:12696307	SSF x Near_LoA	-5,74537959	-0,102	0,316
CHR4	12704674	CHR4:12704674	SSF x Near_LoA	-10,7670522	0,065	0,303
CHR4	12704684	CHR4:12704684	SSF x Near_LoA	-8,73689806	-0,059	0,309
CHR4	12704718	CHR4:12704718	SSF x Near_LoA	-8,64635104	-0,040	0,296
CHR4	12706544	CHR4:12706544	SSF x Near_LoA	-7,93861792	-0,155	0,305
CHR4	12706569	CHR4:12706569	SSF x Near_LoA	-8,71898757	0,010	0,323
CHR4	12706572	CHR4:12706572	SSF x Near_LoA	-8,54915355	0,076	0,304
CHR4	12706583	CHR4:12706583	SSF x Near_LoA	-8,69236658	-0,120	0,298
CHR4	12706590	CHR4:12706590	SSF x Near_LoA	-8,59976713	0,049	0,306
CHR4	12706622	CHR4:12706622	SSF x Near_LoA	-11,3172299	-0,014	0,308
CHR4	12706687	CHR4:12706687	SSF x Near_LoA	-9,64705356	-0,096	0,316
CHR4	12706732	CHR4:12706732	SSF x Near_LoA	-10,7494265	-0,012	0,290
CHR4	12706747	CHR4:12706747	SSF x Near_LoA	-9,77427797	-0,024	0,313
CHR4	12714698	CHR4:12714698	SSF x Near_LoA	-7,27400829	0,105	0,309
CHR4	12714725	CHR4:12714725	SSF x Near_LoA	-9,63213758	-0,055	0,306
CHR4	12714760	CHR4:12714760	SSF x Near_LoA	-2,83310115	-0,089	0,295
CHR4	12714829	CHR4:12714829	SSF x Near_LoA	-8,08788511	-0,063	0,301
CHR4	12714852	CHR4:12714852	SSF x Near_LoA	-9,27210886	-0,052	0,308
CHR4	12714920	CHR4:12714920	SSF x Near_LoA	-10,3407772	0,042	0,306
CHR4	12722208	CHR4:12722208	SSF x Near_LoA	-8,50706311	-0,102	0,303
CHR4	12722314	CHR4:12722314	SSF x Near_LoA	-9,59778561	-0,002	0,317
CHR4	12723532	CHR4:12723532	SSF x Near_LoA	-7,58504616	-0,091	0,303
CHR4	12723618	CHR4:12723618	SSF x Near_LoA	-11,2501172	-0,033	0,301
CHR4	12723671	CHR4:12723671	SSF x Near_LoA	-9,87910442	-0,056	0,297
CHR4	12723703	CHR4:12723703	SSF x Near_LoA	-10,1912137	-0,027	0,315
CHR4	12727441	CHR4:12727441	SSF x Near_LoA	-9,45262661	-0,042	0,315
CHR4	12728402	CHR4:12728402	SSF x Near_LoA	-10,5098943	-0,070	0,314
CHR4	12728454	CHR4:12728454	SSF x Near_LoA	-8,95742754	0,079	0,289
CHR4	12736385	CHR4:12736385	SSF x Near_LoA	-11,1067825	-0,045	0,305
CHR4	12736432	CHR4:12736432	SSF x Near_LoA	-7,75828955	0,097	0,315
CHR4	12752956	CHR4:12752956	SSF x Near_LoA	-8,29984536	0,037	0,312
CHR4	12752961	CHR4:12752961	SSF x Near_LoA	1,82056662	-0,206	0,299
CHR4	12753001	CHR4:12753001	SSF x Near_LoA	-5,94603701	-0,166	0,312
CHR4	12753152	CHR4:12753152	SSF x Near_LoA	-10,0431597	0,117	0,307
CHR4	12759061	CHR4:12759061	SSF x Near_LoA	-7,25887343	-0,032	0,324
CHR4	12759151	CHR4:12759151	SSF x Near_LoA	-11,063677	0,029	0,301
CHR4	12759310	CHR4:12759310	SSF x Near_LoA	-9,10758122	0,115	0,299
CHR4	12761967	CHR4:12761967	SSF x Near_LoA	-8,21901647	0,187	0,292

CHR4	12762144	CHR4:12762144	SSF x Near_LoA	-7,43138311	0,088	0,315
CHR4	12772886	CHR4:12772886	SSF x Near_LoA	-6,45390106	0,010	0,305
CHR4	12772911	CHR4:12772911	SSF x Near_LoA	-11,2056447	0,072	0,294
CHR4	12772959	CHR4:12772959	SSF x Near_LoA	-8,68121062	-0,060	0,303
CHR4	12772960	CHR4:12772960	SSF x Near_LoA	-6,51153251	-0,069	0,304
CHR4	12772965	CHR4:12772965	SSF x Near_LoA	-10,9412252	-0,019	0,315
CHR4	12776193	CHR4:12776193	SSF x Near_LoA	-9,92032305	0,046	0,294
CHR4	12776293	CHR4:12776293	SSF x Near_LoA	-8,67325735	0,136	0,293
CHR4	12776303	CHR4:12776303	SSF x Near_LoA	-8,11173559	0,122	0,304
CHR4	12776315	CHR4:12776315	SSF x Near_LoA	-9,85124176	0,090	0,296
CHR4	12776358	CHR4:12776358	SSF x Near_LoA	-9,53791893	0,101	0,301
CHR4	12776409	CHR4:12776409	SSF x Near_LoA	-6,59801699	0,133	0,310
CHR4	12778549	CHR4:12778549	SSF x Near_LoA	-6,49276956	-0,128	0,301
CHR4	12778572	CHR4:12778572	SSF x Near_LoA	-5,94566249	0,027	0,313
CHR4	1278562	CHR4:1278562	SSF x Near_LoA	-10,8082502	0,022	0,318
CHR4	12786482	CHR4:12786482	SSF x Near_LoA	-9,60209967	0,029	0,322
CHR4	12786515	CHR4:12786515	SSF x Near_LoA	-8,8866763	-0,051	0,305
CHR4	12795762	CHR4:12795762	SSF x Near_LoA	-9,7535202	0,037	0,319
CHR4	12795801	CHR4:12795801	SSF x Near_LoA	-9,54235953	-0,051	0,301
CHR4	12801656	CHR4:12801656	SSF x Near_LoA	-7,41738368	0,198	0,292
CHR4	12801693	CHR4:12801693	SSF x Near_LoA	-9,26341219	0,042	0,308
CHR4	12801711	CHR4:12801711	SSF x Near_LoA	-10,7086076	-0,062	0,302
CHR4	12801807	CHR4:12801807	SSF x Near_LoA	-7,8739864	-0,091	0,315
CHR4	12801834	CHR4:12801834	SSF x Near_LoA	-10,871828	-0,017	0,309
CHR4	12801952	CHR4:12801952	SSF x Near_LoA	-7,21728538	0,116	0,302
CHR4	12802034	CHR4:12802034	SSF x Near_LoA	-9,25250448	-0,060	0,304
CHR4	12806135	CHR4:12806135	SSF x Near_LoA	-10,429834	-0,088	0,304
CHR4	12806290	CHR4:12806290	SSF x Near_LoA	-10,118644	-0,024	0,297
CHR4	12806292	CHR4:12806292	SSF x Near_LoA	-9,82895191	0,131	0,304
CHR4	12817061	CHR4:12817061	SSF x Near_LoA	-8,99577134	0,108	0,305
CHR4	12817117	CHR4:12817117	SSF x Near_LoA	-8,61365395	0,097	0,306
CHR4	12817232	CHR4:12817232	SSF x Near_LoA	-10,2851688	0,076	0,302
CHR4	12821288	CHR4:12821288	SSF x Near_LoA	-4,59911377	-0,158	0,310
CHR4	12821420	CHR4:12821420	SSF x Near_LoA	-9,08479593	0,028	0,304
CHR4	12835100	CHR4:12835100	SSF x Near_LoA	-7,65539942	0,093	0,304
CHR4	12835125	CHR4:12835125	SSF x Near_LoA	-9,67653561	0,073	0,292
CHR4	12835209	CHR4:12835209	SSF x Near_LoA	-9,0209532	-0,018	0,298
CHR4	12838545	CHR4:12838545	SSF x Near_LoA	-8,47236346	0,088	0,309
CHR4	12851259	CHR4:12851259	SSF x Near_LoA	-9,81081311	0,031	0,313
CHR4	12851312	CHR4:12851312	SSF x Near_LoA	-9,74408825	-0,117	0,314
CHR4	12851378	CHR4:12851378	SSF x Near_LoA	-8,55427972	-0,099	0,313
CHR4	12851418	CHR4:12851418	SSF x Near_LoA	-9,03039186	-0,012	0,318
CHR4	12851427	CHR4:12851427	SSF x Near_LoA	-9,8646991	-0,102	0,316
CHR4	12851435	CHR4:12851435	SSF x Near_LoA	-10,5734837	-0,111	0,303
CHR4	1286296	CHR4:1286296	SSF x Near_LoA	-11,1279941	-0,016	0,306
CHR4	1286403	CHR4:1286403	SSF x Near_LoA	-12,3951032	-0,050	0,299
CHR4	12866224	CHR4:12866224	SSF x Near_LoA	-7,73131897	0,037	0,313
CHR4	1287861	CHR4:1287861	SSF x Near_LoA	-11,0295255	0,111	0,303
CHR4	1287868	CHR4:1287868	SSF x Near_LoA	-11,056993	0,013	0,309
CHR4	1287910	CHR4:1287910	SSF x Near_LoA	-12,3470143	-0,051	0,294
CHR4	12888546	CHR4:12888546	SSF x Near_LoA	-10,0622938	0,047	0,308
CHR4	12892265	CHR4:12892265	SSF x Near_LoA	-8,71287945	0,004	0,308
CHR4	12892268	CHR4:12892268	SSF x Near_LoA	-8,02916291	-0,040	0,297

CHR4	12892273	CHR4:12892273	SSF x Near_LoA	-9,14279179	-0,036	0,305
CHR4	12892286	CHR4:12892286	SSF x Near_LoA	-10,2920956	0,014	0,312
CHR4	12892530	CHR4:12892530	SSF x Near_LoA	-8,2929133	0,090	0,309
CHR4	12896282	CHR4:12896282	SSF x Near_LoA	-8,78280293	0,034	0,312
CHR4	12896305	CHR4:12896305	SSF x Near_LoA	-8,07972056	0,061	0,308
CHR4	12896338	CHR4:12896338	SSF x Near_LoA	-10,0969853	0,038	0,312
CHR4	12940920	CHR4:12940920	SSF x Near_LoA	-9,72579554	0,043	0,295
CHR4	12940956	CHR4:12940956	SSF x Near_LoA	-8,20820749	-0,179	0,310
CHR4	12940981	CHR4:12940981	SSF x Near_LoA	-9,6319724	0,000	0,318
CHR4	12941974	CHR4:12941974	SSF x Near_LoA	-9,86253801	-0,052	0,315
CHR4	12942070	CHR4:12942070	SSF x Near_LoA	-9,24211707	-0,026	0,313
CHR4	1295290	CHR4:1295290	SSF x Near_LoA	-6,31747055	-0,102	0,301
CHR4	1295305	CHR4:1295305	SSF x Near_LoA	-7,18315349	-0,111	0,306
CHR4	1295460	CHR4:1295460	SSF x Near_LoA	-9,60543198	0,018	0,298
CHR4	12955246	CHR4:12955246	SSF x Near_LoA	-7,76351428	0,132	0,288
CHR4	12957976	CHR4:12957976	SSF x Near_LoA	-7,51623318	-0,079	0,310
CHR4	12958052	CHR4:12958052	SSF x Near_LoA	-7,09027515	0,073	0,306
CHR4	12958112	CHR4:12958112	SSF x Near_LoA	-5,00873333	-0,125	0,299
CHR4	12958151	CHR4:12958151	SSF x Near_LoA	-9,5400749	-0,021	0,300
CHR4	12958178	CHR4:12958178	SSF x Near_LoA	-9,15185271	-0,044	0,318
CHR4	12972089	CHR4:12972089	SSF x Near_LoA	-7,8280264	-0,082	0,314
CHR4	12973537	CHR4:12973537	SSF x Near_LoA	-8,69129671	-0,037	0,315
CHR4	12993653	CHR4:12993653	SSF x Near_LoA	-9,15822126	-0,002	0,321
CHR4	13001324	CHR4:13001324	SSF x Near_LoA	-8,90577404	-0,113	0,299
CHR4	13009611	CHR4:13009611	SSF x Near_LoA	-10,5452058	0,109	0,296
CHR4	13009748	CHR4:13009748	SSF x Near_LoA	-9,92287423	-0,001	0,306
CHR4	13009763	CHR4:13009763	SSF x Near_LoA	-8,96707617	0,033	0,320
CHR4	13009807	CHR4:13009807	SSF x Near_LoA	-9,24560454	0,050	0,306
CHR4	13013717	CHR4:13013717	SSF x Near_LoA	-7,1069577	0,036	0,314
CHR4	13013820	CHR4:13013820	SSF x Near_LoA	-4,37040787	0,087	0,307
CHR4	13022605	CHR4:13022605	SSF x Near_LoA	-7,49417459	-0,035	0,318
CHR4	13022647	CHR4:13022647	SSF x Near_LoA	-10,3662605	0,042	0,301
CHR4	13022699	CHR4:13022699	SSF x Near_LoA	-8,52877991	0,025	0,306
CHR4	13025188	CHR4:13025188	SSF x Near_LoA	-11,8989497	-0,023	0,305
CHR4	13028992	CHR4:13028992	SSF x Near_LoA	-4,66386722	0,060	0,328
CHR4	13029004	CHR4:13029004	SSF x Near_LoA	-7,82055801	-0,002	0,318
CHR4	13029018	CHR4:13029018	SSF x Near_LoA	-10,4426479	0,002	0,308
CHR4	13029161	CHR4:13029161	SSF x Near_LoA	-7,11672793	-0,041	0,306
CHR4	13030645	CHR4:13030645	SSF x Near_LoA	-10,1755356	-0,020	0,301
CHR4	13031242	CHR4:13031242	SSF x Near_LoA	-10,302031	-0,134	0,307
CHR4	13031302	CHR4:13031302	SSF x Near_LoA	-9,2764629	0,029	0,291
CHR4	13031360	CHR4:13031360	SSF x Near_LoA	-10,5769794	-0,084	0,296
CHR4	13039895	CHR4:13039895	SSF x Near_LoA	-11,0075666	0,047	0,309
CHR4	13044681	CHR4:13044681	SSF x Near_LoA	-11,4563476	0,046	0,303
CHR4	13046142	CHR4:13046142	SSF x Near_LoA	-11,1201969	-0,103	0,300
CHR4	13046160	CHR4:13046160	SSF x Near_LoA	-8,46481615	-0,034	0,309
CHR4	13046318	CHR4:13046318	SSF x Near_LoA	-10,0552473	-0,010	0,309
CHR4	13069746	CHR4:13069746	SSF x Near_LoA	-8,54602485	-0,083	0,313
CHR4	13069832	CHR4:13069832	SSF x Near_LoA	-9,24745064	0,073	0,312
CHR4	13071725	CHR4:13071725	SSF x Near_LoA	-8,01939212	-0,071	0,316
CHR4	13072451	CHR4:13072451	SSF x Near_LoA	-5,73135145	-0,133	0,296
CHR4	13079928	CHR4:13079928	SSF x Near_LoA	-9,48479666	-0,058	0,302
CHR4	13080077	CHR4:13080077	SSF x Near_LoA	-9,00801425	0,053	0,308

CHR4	13080099	CHR4:13080099	SSF x Near_LoA	-7,57622313	0,098	0,313
CHR4	13080138	CHR4:13080138	SSF x Near_LoA	-8,29010032	0,043	0,317
CHR4	13080156	CHR4:13080156	SSF x Near_LoA	-10,8076191	0,099	0,301
CHR4	13083422	CHR4:13083422	SSF x Near_LoA	-11,0266848	-0,004	0,316
CHR4	13084965	CHR4:13084965	SSF x Near_LoA	-10,5601573	-0,076	0,310
CHR4	13085055	CHR4:13085055	SSF x Near_LoA	-9,67097554	-0,042	0,312
CHR4	13090232	CHR4:13090232	SSF x Near_LoA	-10,1411777	-0,032	0,317
CHR4	13090236	CHR4:13090236	SSF x Near_LoA	-9,06161844	0,037	0,315
CHR4	13090254	CHR4:13090254	SSF x Near_LoA	-5,0120408	-0,143	0,312
CHR4	13095776	CHR4:13095776	SSF x Near_LoA	-8,55954252	0,012	0,300
CHR4	13095850	CHR4:13095850	SSF x Near_LoA	-9,88743351	-0,048	0,304
CHR4	13095936	CHR4:13095936	SSF x Near_LoA	-9,04355498	-0,029	0,305
CHR4	13095946	CHR4:13095946	SSF x Near_LoA	-9,20440791	0,082	0,289
CHR4	13095991	CHR4:13095991	SSF x Near_LoA	-11,442565	-0,068	0,302
CHR4	13105917	CHR4:13105917	SSF x Near_LoA	-10,8759907	0,072	0,309
CHR4	13105969	CHR4:13105969	SSF x Near_LoA	-11,3643787	0,036	0,308
CHR4	13105977	CHR4:13105977	SSF x Near_LoA	-9,58749169	-0,107	0,300
CHR4	13105990	CHR4:13105990	SSF x Near_LoA	-7,94872515	-0,119	0,298
CHR4	13106025	CHR4:13106025	SSF x Near_LoA	-7,55148002	-0,061	0,311
CHR4	13106051	CHR4:13106051	SSF x Near_LoA	-10,4393735	0,012	0,314
CHR4	13106126	CHR4:13106126	SSF x Near_LoA	-5,68955724	0,035	0,304
CHR4	13106159	CHR4:13106159	SSF x Near_LoA	-8,26695408	0,053	0,303
CHR4	13106192	CHR4:13106192	SSF x Near_LoA	-8,29899522	-0,081	0,309
CHR4	13106204	CHR4:13106204	SSF x Near_LoA	-7,44410061	-0,113	0,297
CHR4	13106205	CHR4:13106205	SSF x Near_LoA	-10,6447616	0,031	0,307
CHR4	13110256	CHR4:13110256	SSF x Near_LoA	-8,72488292	0,082	0,307
CHR4	13111867	CHR4:13111867	SSF x Near_LoA	-7,41273126	-0,010	0,311
CHR4	13111901	CHR4:13111901	SSF x Near_LoA	-9,63250311	-0,023	0,322
CHR4	13119500	CHR4:13119500	SSF x Near_LoA	-9,71703761	-0,085	0,315
CHR4	13119509	CHR4:13119509	SSF x Near_LoA	-11,5590439	-0,020	0,322
CHR4	13122250	CHR4:13122250	SSF x Near_LoA	-12,3844801	0,049	0,309
CHR4	13130644	CHR4:13130644	SSF x Near_LoA	-9,49370054	0,126	0,293
CHR4	13130776	CHR4:13130776	SSF x Near_LoA	-9,74604948	-0,043	0,297
CHR4	13130823	CHR4:13130823	SSF x Near_LoA	-9,21264558	0,098	0,300
CHR4	13130913	CHR4:13130913	SSF x Near_LoA	-8,80858885	-0,002	0,309
CHR4	13145461	CHR4:13145461	SSF x Near_LoA	-8,53469549	0,018	0,321
CHR4	13168807	CHR4:13168807	SSF x Near_LoA	-7,72150686	-0,002	0,304
CHR4	13171230	CHR4:13171230	SSF x Near_LoA	-9,84079478	-0,010	0,314
CHR4	13171236	CHR4:13171236	SSF x Near_LoA	-11,6343453	-0,068	0,305
CHR4	13171278	CHR4:13171278	SSF x Near_LoA	-10,8403637	-0,088	0,305
CHR4	13171332	CHR4:13171332	SSF x Near_LoA	-10,5456343	0,000	0,318
CHR4	13171342	CHR4:13171342	SSF x Near_LoA	-7,8341022	-0,069	0,310
CHR4	13171389	CHR4:13171389	SSF x Near_LoA	-8,92855726	-0,036	0,293
CHR4	13171457	CHR4:13171457	SSF x Near_LoA	-10,8814591	-0,012	0,307
CHR4	13175377	CHR4:13175377	SSF x Near_LoA	-8,3590268	0,046	0,309
CHR4	13175405	CHR4:13175405	SSF x Near_LoA	-0,4624958	0,150	0,311
CHR4	13175416	CHR4:13175416	SSF x Near_LoA	-11,2710705	0,051	0,301
CHR4	13175476	CHR4:13175476	SSF x Near_LoA	-5,45205424	0,074	0,308
CHR4	13181253	CHR4:13181253	SSF x Near_LoA	-10,7064312	0,063	0,314
CHR4	13184294	CHR4:13184294	SSF x Near_LoA	-8,699452	-0,111	0,303
CHR4	13185138	CHR4:13185138	SSF x Near_LoA	-9,20986719	-0,105	0,304
CHR4	13187910	CHR4:13187910	SSF x Near_LoA	-8,33327081	0,189	0,306
CHR4	13199827	CHR4:13199827	SSF x Near_LoA	-7,74057157	-0,153	0,303

CHR4	1320011	CHR4:1320011	SSF x Near_LoA	-12,2627127	0,057	0,293
CHR4	1320088	CHR4:1320088	SSF x Near_LoA	-10,4946466	0,011	0,305
CHR4	1320089	CHR4:1320089	SSF x Near_LoA	-9,9092471	0,019	0,302
CHR4	1320132	CHR4:1320132	SSF x Near_LoA	-9,85055838	0,015	0,298
CHR4	1320171	CHR4:1320171	SSF x Near_LoA	-10,35227	-0,080	0,316
CHR4	1320299	CHR4:1320299	SSF x Near_LoA	-10,8833839	0,041	0,313
CHR4	13205808	CHR4:13205808	SSF x Near_LoA	-11,2159144	0,001	0,306
CHR4	13205904	CHR4:13205904	SSF x Near_LoA	-11,8824902	-0,006	0,294
CHR4	13205959	CHR4:13205959	SSF x Near_LoA	-10,1360707	0,038	0,316
CHR4	13206014	CHR4:13206014	SSF x Near_LoA	-5,71925606	0,058	0,311
CHR4	13208149	CHR4:13208149	SSF x Near_LoA	-10,6803811	-0,021	0,281
CHR4	13211513	CHR4:13211513	SSF x Near_LoA	-11,3264852	0,007	0,319
CHR4	13213246	CHR4:13213246	SSF x Near_LoA	-7,4710755	-0,051	0,313
CHR4	13223773	CHR4:13223773	SSF x Near_LoA	0,06797495	-0,003	0,312
CHR4	13223852	CHR4:13223852	SSF x Near_LoA	-3,71474665	0,037	0,312
CHR4	13225517	CHR4:13225517	SSF x Near_LoA	-10,5667928	0,049	0,290
CHR4	13225677	CHR4:13225677	SSF x Near_LoA	-10,046192	0,016	0,310
CHR4	13236787	CHR4:13236787	SSF x Near_LoA	-9,07145843	0,114	0,296
CHR4	13237647	CHR4:13237647	SSF x Near_LoA	-8,3937573	0,069	0,319
CHR4	13252977	CHR4:13252977	SSF x Near_LoA	-8,25414723	0,029	0,303
CHR4	13252983	CHR4:13252983	SSF x Near_LoA	-9,89566458	-0,074	0,315
CHR4	13253880	CHR4:13253880	SSF x Near_LoA	-9,77123695	-0,007	0,316
CHR4	13253884	CHR4:13253884	SSF x Near_LoA	-8,86035026	-0,020	0,309
CHR4	13253886	CHR4:13253886	SSF x Near_LoA	-9,34839954	-0,027	0,310
CHR4	13254038	CHR4:13254038	SSF x Near_LoA	-9,96130861	0,072	0,293
CHR4	13263850	CHR4:13263850	SSF x Near_LoA	-7,10522702	-0,107	0,315
CHR4	13279724	CHR4:13279724	SSF x Near_LoA	-6,34490739	-0,185	0,300
CHR4	13279814	CHR4:13279814	SSF x Near_LoA	-11,4717603	0,008	0,313
CHR4	1327992	CHR4:1327992	SSF x Near_LoA	-10,3921163	0,135	0,300
CHR4	13279939	CHR4:13279939	SSF x Near_LoA	-4,24508742	0,067	0,317
CHR4	13282011	CHR4:13282011	SSF x Near_LoA	-9,63241347	0,120	0,310
CHR4	13284388	CHR4:13284388	SSF x Near_LoA	-9,33429266	-0,050	0,306
CHR4	13284424	CHR4:13284424	SSF x Near_LoA	-9,19200264	-0,012	0,306
CHR4	13284459	CHR4:13284459	SSF x Near_LoA	-10,7337894	0,036	0,310
CHR4	13284489	CHR4:13284489	SSF x Near_LoA	-9,83902727	0,015	0,311
CHR4	13286195	CHR4:13286195	SSF x Near_LoA	-8,45002557	0,076	0,299
CHR4	1328717	CHR4:1328717	SSF x Near_LoA	-8,35609072	0,035	0,315
CHR4	13287182	CHR4:13287182	SSF x Near_LoA	-9,60564256	-0,058	0,321
CHR4	13287184	CHR4:13287184	SSF x Near_LoA	-10,5814347	0,067	0,301
CHR4	1328807	CHR4:1328807	SSF x Near_LoA	-10,9373767	-0,042	0,310
CHR4	13293283	CHR4:13293283	SSF x Near_LoA	-10,3972978	-0,075	0,319
CHR4	13293358	CHR4:13293358	SSF x Near_LoA	-4,49631741	-0,086	0,315
CHR4	13293496	CHR4:13293496	SSF x Near_LoA	-11,3643453	-0,031	0,294
CHR4	13309468	CHR4:13309468	SSF x Near_LoA	-9,18588187	0,180	0,303
CHR4	13309677	CHR4:13309677	SSF x Near_LoA	-8,80022019	-0,124	0,306
CHR4	13309690	CHR4:13309690	SSF x Near_LoA	-9,82812583	0,004	0,293
CHR4	13309694	CHR4:13309694	SSF x Near_LoA	-10,4469579	0,015	0,302
CHR4	13315699	CHR4:13315699	SSF x Near_LoA	-9,44032199	-0,097	0,303
CHR4	13315774	CHR4:13315774	SSF x Near_LoA	-9,09568732	-0,009	0,315
CHR4	13333633	CHR4:13333633	SSF x Near_LoA	-8,51390331	-0,007	0,315
CHR4	13334382	CHR4:13334382	SSF x Near_LoA	-11,252396	-0,066	0,306
CHR4	13334412	CHR4:13334412	SSF x Near_LoA	-8,90358298	0,027	0,300
CHR4	13367315	CHR4:13367315	SSF x Near_LoA	-9,79941145	-0,006	0,318

CHR4	13371143	CHR4:13371143	SSF x Near_LoA	-8,68027641	-0,060	0,327
CHR4	13371250	CHR4:13371250	SSF x Near_LoA	-10,3553744	-0,037	0,309
CHR4	13408172	CHR4:13408172	SSF x Near_LoA	-10,2232452	0,037	0,308
CHR4	13417106	CHR4:13417106	SSF x Near_LoA	-9,37766262	-0,074	0,302
CHR4	13419866	CHR4:13419866	SSF x Near_LoA	-10,2911347	0,011	0,297
CHR4	13419875	CHR4:13419875	SSF x Near_LoA	-11,0514194	0,030	0,311
CHR4	13419930	CHR4:13419930	SSF x Near_LoA	-9,21759309	-0,069	0,306
CHR4	1342579	CHR4:1342579	SSF x Near_LoA	-8,12823084	-0,050	0,314
CHR4	1342635	CHR4:1342635	SSF x Near_LoA	-10,1209312	-0,013	0,317
CHR4	1342675	CHR4:1342675	SSF x Near_LoA	-8,99557275	-0,101	0,293
CHR4	13437266	CHR4:13437266	SSF x Near_LoA	-11,4075677	-0,078	0,309
CHR4	13447403	CHR4:13447403	SSF x Near_LoA	-9,26041423	0,077	0,319
CHR4	13447503	CHR4:13447503	SSF x Near_LoA	-8,8072252	0,111	0,310
CHR4	1348872	CHR4:1348872	SSF x Near_LoA	-9,26091421	0,122	0,310
CHR4	1348889	CHR4:1348889	SSF x Near_LoA	-10,6655933	0,086	0,303
CHR4	13505527	CHR4:13505527	SSF x Near_LoA	-10,1508871	0,008	0,303
CHR4	13505608	CHR4:13505608	SSF x Near_LoA	-7,60434938	-0,070	0,326
CHR4	13508636	CHR4:13508636	SSF x Near_LoA	-6,6836034	0,063	0,311
CHR4	13508659	CHR4:13508659	SSF x Near_LoA	-11,6235654	-0,067	0,307
CHR4	13508762	CHR4:13508762	SSF x Near_LoA	-8,83146198	0,009	0,307
CHR4	13508795	CHR4:13508795	SSF x Near_LoA	-10,9699814	0,001	0,302
CHR4	13510950	CHR4:13510950	SSF x Near_LoA	-10,4389062	0,011	0,308
CHR4	13511056	CHR4:13511056	SSF x Near_LoA	-9,92473869	-0,130	0,315
CHR4	13511097	CHR4:13511097	SSF x Near_LoA	-6,32184528	-0,077	0,306
CHR4	13511162	CHR4:13511162	SSF x Near_LoA	-6,33648175	0,098	0,312
CHR4	13513640	CHR4:13513640	SSF x Near_LoA	-9,52290312	-0,074	0,311
CHR4	13522636	CHR4:13522636	SSF x Near_LoA	-11,4872245	-0,035	0,313
CHR4	13522805	CHR4:13522805	SSF x Near_LoA	-9,48096434	-0,008	0,310
CHR4	13522897	CHR4:13522897	SSF x Near_LoA	-10,231583	-0,051	0,296
CHR4	13526542	CHR4:13526542	SSF x Near_LoA	-11,8558162	0,042	0,297
CHR4	13531573	CHR4:13531573	SSF x Near_LoA	-7,9408462	0,060	0,311
CHR4	13531671	CHR4:13531671	SSF x Near_LoA	-8,91708334	-0,034	0,308
CHR4	13531681	CHR4:13531681	SSF x Near_LoA	-8,67470574	-0,040	0,307
CHR4	13534466	CHR4:13534466	SSF x Near_LoA	-8,38530931	0,079	0,308
CHR4	13534487	CHR4:13534487	SSF x Near_LoA	-11,355016	0,035	0,313
CHR4	13534541	CHR4:13534541	SSF x Near_LoA	-8,98687367	0,049	0,318
CHR4	13543859	CHR4:13543859	SSF x Near_LoA	-9,771	0,132	0,298
CHR4	13543960	CHR4:13543960	SSF x Near_LoA	-9,35207505	-0,023	0,307
CHR4	13545703	CHR4:13545703	SSF x Near_LoA	-8,36711776	0,134	0,288
CHR4	13545763	CHR4:13545763	SSF x Near_LoA	-1,96022801	-0,133	0,306
CHR4	1355051	CHR4:1355051	SSF x Near_LoA	-11,8281032	-0,009	0,302
CHR4	13558248	CHR4:13558248	SSF x Near_LoA	-9,46990297	-0,008	0,302
CHR4	13558267	CHR4:13558267	SSF x Near_LoA	-10,8176037	0,052	0,319
CHR4	13558275	CHR4:13558275	SSF x Near_LoA	-10,5036108	-0,094	0,313
CHR4	13558279	CHR4:13558279	SSF x Near_LoA	-8,53250707	0,022	0,309
CHR4	13558303	CHR4:13558303	SSF x Near_LoA	-8,42671244	0,094	0,301
CHR4	13558309	CHR4:13558309	SSF x Near_LoA	-8,08108221	0,077	0,311
CHR4	13562111	CHR4:13562111	SSF x Near_LoA	-2,22773328	0,221	0,305
CHR4	13571830	CHR4:13571830	SSF x Near_LoA	-11,6448555	-0,021	0,309
CHR4	13581525	CHR4:13581525	SSF x Near_LoA	-11,5236743	0,033	0,300
CHR4	13581673	CHR4:13581673	SSF x Near_LoA	-7,93423885	0,103	0,310
CHR4	13581700	CHR4:13581700	SSF x Near_LoA	-8,93722959	0,008	0,316
CHR4	13599564	CHR4:13599564	SSF x Near_LoA	-6,2321929	-0,090	0,307

CHR4	13601941	CHR4:13601941	SSF x Near_LoA	-6,35205755	0,061	0,309
CHR4	13602444	CHR4:13602444	SSF x Near_LoA	-9,83236812	-0,037	0,306
CHR4	13605329	CHR4:13605329	SSF x Near_LoA	-8,12759735	-0,027	0,294
CHR4	13605403	CHR4:13605403	SSF x Near_LoA	-8,70147674	0,014	0,314
CHR4	13609523	CHR4:13609523	SSF x Near_LoA	-9,94987119	-0,083	0,304
CHR4	13617927	CHR4:13617927	SSF x Near_LoA	-9,35023523	-0,035	0,301
CHR4	13617950	CHR4:13617950	SSF x Near_LoA	-8,99698302	-0,009	0,319
CHR4	13617985	CHR4:13617985	SSF x Near_LoA	-7,98052295	0,091	0,304
CHR4	13618037	CHR4:13618037	SSF x Near_LoA	-10,5219072	-0,101	0,301
CHR4	13618098	CHR4:13618098	SSF x Near_LoA	-9,43302937	0,092	0,306
CHR4	13618109	CHR4:13618109	SSF x Near_LoA	-9,39133822	-0,096	0,308
CHR4	13618130	CHR4:13618130	SSF x Near_LoA	-9,66008375	0,034	0,313
CHR4	13618195	CHR4:13618195	SSF x Near_LoA	-8,71088956	0,064	0,297
CHR4	13627088	CHR4:13627088	SSF x Near_LoA	-7,71789391	0,099	0,313
CHR4	13641884	CHR4:13641884	SSF x Near_LoA	5,7845594	-0,074	0,313
CHR4	13641926	CHR4:13641926	SSF x Near_LoA	-4,87174515	0,139	0,296
CHR4	13642013	CHR4:13642013	SSF x Near_LoA	-7,99253772	0,114	0,296
CHR4	13654236	CHR4:13654236	SSF x Near_LoA	-10,5365437	-0,087	0,325
CHR4	13662418	CHR4:13662418	SSF x Near_LoA	-6,86942387	0,178	0,287
CHR4	13662460	CHR4:13662460	SSF x Near_LoA	-7,49413921	0,173	0,282
CHR4	13662489	CHR4:13662489	SSF x Near_LoA	-7,76899213	-0,018	0,302
CHR4	13662510	CHR4:13662510	SSF x Near_LoA	-7,78543707	0,119	0,292
CHR4	13662518	CHR4:13662518	SSF x Near_LoA	-8,63703323	0,009	0,301
CHR4	13686655	CHR4:13686655	SSF x Near_LoA	-11,6522853	-0,024	0,305
CHR4	13703219	CHR4:13703219	SSF x Near_LoA	-8,38776789	0,014	0,319
CHR4	13718734	CHR4:13718734	SSF x Near_LoA	-8,74630815	-0,054	0,307
CHR4	13720709	CHR4:13720709	SSF x Near_LoA	-9,07464485	-0,123	0,301
CHR4	13720774	CHR4:13720774	SSF x Near_LoA	-8,73851352	-0,135	0,305
CHR4	13725244	CHR4:13725244	SSF x Near_LoA	-11,5341618	0,034	0,307
CHR4	13728967	CHR4:13728967	SSF x Near_LoA	-11,6198942	0,001	0,316
CHR4	13729152	CHR4:13729152	SSF x Near_LoA	-8,032612	-0,021	0,312
CHR4	13734598	CHR4:13734598	SSF x Near_LoA	-6,03309171	-0,071	0,297
CHR4	13734607	CHR4:13734607	SSF x Near_LoA	-10,9275344	0,043	0,315
CHR4	13734679	CHR4:13734679	SSF x Near_LoA	-7,42390286	-0,036	0,294
CHR4	13734707	CHR4:13734707	SSF x Near_LoA	-10,8142561	0,035	0,301
CHR4	13734717	CHR4:13734717	SSF x Near_LoA	-9,33358916	0,028	0,315
CHR4	13734766	CHR4:13734766	SSF x Near_LoA	-7,34917278	-0,141	0,306
CHR4	13743320	CHR4:13743320	SSF x Near_LoA	-8,46312011	-0,163	0,306
CHR4	13747686	CHR4:13747686	SSF x Near_LoA	-6,44503458	-0,173	0,300
CHR4	13747687	CHR4:13747687	SSF x Near_LoA	-5,066687	-0,178	0,309
CHR4	13747758	CHR4:13747758	SSF x Near_LoA	-8,64701612	-0,067	0,312
CHR4	13784976	CHR4:13784976	SSF x Near_LoA	-4,75504002	-0,173	0,288
CHR4	13788803	CHR4:13788803	SSF x Near_LoA	-9,66749627	-0,060	0,309
CHR4	13788869	CHR4:13788869	SSF x Near_LoA	-7,59020534	-0,142	0,313
CHR4	13795149	CHR4:13795149	SSF x Near_LoA	-7,7662221	-0,015	0,313
CHR4	13804958	CHR4:13804958	SSF x Near_LoA	-9,63583063	-0,033	0,310
CHR4	13805182	CHR4:13805182	SSF x Near_LoA	-10,1497844	-0,045	0,311
CHR4	13826146	CHR4:13826146	SSF x Near_LoA	-6,84701044	0,068	0,299
CHR4	1382691	CHR4:1382691	SSF x Near_LoA	-10,3217182	0,019	0,321
CHR4	1382704	CHR4:1382704	SSF x Near_LoA	-11,2369167	0,030	0,308
CHR4	13832417	CHR4:13832417	SSF x Near_LoA	-9,40005291	0,010	0,316
CHR4	13832456	CHR4:13832456	SSF x Near_LoA	-9,84701697	-0,010	0,307
CHR4	13832605	CHR4:13832605	SSF x Near_LoA	-10,3022721	0,036	0,310

CHR4	13832638	CHR4:13832638	SSF x Near_LoA	-9,47287265	0,023	0,301
CHR4	13834029	CHR4:13834029	SSF x Near_LoA	-8,86644227	0,107	0,313
CHR4	13850976	CHR4:13850976	SSF x Near_LoA	-9,61098132	-0,100	0,306
CHR4	13851328	CHR4:13851328	SSF x Near_LoA	-5,23662792	-0,158	0,296
CHR4	13861164	CHR4:13861164	SSF x Near_LoA	-9,26391719	-0,064	0,324
CHR4	13861399	CHR4:13861399	SSF x Near_LoA	-5,56825332	0,169	0,303
CHR4	13865787	CHR4:13865787	SSF x Near_LoA	-10,2368066	-0,021	0,304
CHR4	13865949	CHR4:13865949	SSF x Near_LoA	-8,09527521	-0,045	0,324
CHR4	13865974	CHR4:13865974	SSF x Near_LoA	-9,15094165	-0,043	0,308
CHR4	13866069	CHR4:13866069	SSF x Near_LoA	-8,17807278	-0,072	0,317
CHR4	13869878	CHR4:13869878	SSF x Near_LoA	-8,94205333	0,156	0,290
CHR4	13869959	CHR4:13869959	SSF x Near_LoA	-9,20568625	-0,075	0,311
CHR4	13875831	CHR4:13875831	SSF x Near_LoA	-9,76604764	0,069	0,313
CHR4	13875858	CHR4:13875858	SSF x Near_LoA	-10,1113816	0,035	0,319
CHR4	13875898	CHR4:13875898	SSF x Near_LoA	-11,5927491	0,069	0,289
CHR4	13889998	CHR4:13889998	SSF x Near_LoA	-9,19370368	-0,109	0,322
CHR4	13903244	CHR4:13903244	SSF x Near_LoA	-7,54720042	0,092	0,303
CHR4	13903260	CHR4:13903260	SSF x Near_LoA	-11,6625075	0,041	0,303
CHR4	13903357	CHR4:13903357	SSF x Near_LoA	-9,18990151	-0,011	0,310
CHR4	13903363	CHR4:13903363	SSF x Near_LoA	-9,077976	-0,101	0,302
CHR4	13903458	CHR4:13903458	SSF x Near_LoA	-7,67252545	-0,049	0,302
CHR4	1391218	CHR4:1391218	SSF x Near_LoA	-7,97703069	0,015	0,318
CHR4	1391300	CHR4:1391300	SSF x Near_LoA	-7,36161995	0,083	0,309
CHR4	1391389	CHR4:1391389	SSF x Near_LoA	-7,0910137	0,056	0,315
CHR4	13919828	CHR4:13919828	SSF x Near_LoA	-8,23164407	-0,186	0,294
CHR4	13923551	CHR4:13923551	SSF x Near_LoA	-12,0902033	0,019	0,309
CHR4	13923565	CHR4:13923565	SSF x Near_LoA	-10,1419116	0,103	0,297
CHR4	13928856	CHR4:13928856	SSF x Near_LoA	-6,44948251	-0,165	0,308
CHR4	13928867	CHR4:13928867	SSF x Near_LoA	-10,2352749	-0,043	0,308
CHR4	13928918	CHR4:13928918	SSF x Near_LoA	-9,81533357	0,001	0,311
CHR4	13952245	CHR4:13952245	SSF x Near_LoA	-8,17506338	0,050	0,291
CHR4	13952290	CHR4:13952290	SSF x Near_LoA	-8,10350921	0,086	0,289
CHR4	13952370	CHR4:13952370	SSF x Near_LoA	-8,52750673	0,081	0,293
CHR4	13968194	CHR4:13968194	SSF x Near_LoA	-7,67217662	0,082	0,300
CHR4	13968254	CHR4:13968254	SSF x Near_LoA	-1,50870766	-0,063	0,323
CHR4	13969146	CHR4:13969146	SSF x Near_LoA	-8,74361197	-0,072	0,310
CHR4	13973023	CHR4:13973023	SSF x Near_LoA	-10,936778	0,043	0,309
CHR4	13973102	CHR4:13973102	SSF x Near_LoA	-10,1214787	0,033	0,319
CHR4	13978458	CHR4:13978458	SSF x Near_LoA	-8,70788071	-0,137	0,305
CHR4	13978509	CHR4:13978509	SSF x Near_LoA	-7,87886864	0,141	0,300
CHR4	13978626	CHR4:13978626	SSF x Near_LoA	-8,88604536	-0,047	0,308
CHR4	13982494	CHR4:13982494	SSF x Near_LoA	-10,1620938	0,013	0,303
CHR4	13982702	CHR4:13982702	SSF x Near_LoA	-3,6617381	0,149	0,309
CHR4	13986684	CHR4:13986684	SSF x Near_LoA	-7,48626044	0,146	0,281
CHR4	13986732	CHR4:13986732	SSF x Near_LoA	-8,93562832	-0,048	0,318
CHR4	13986748	CHR4:13986748	SSF x Near_LoA	-9,3952239	-0,041	0,312
CHR4	13993139	CHR4:13993139	SSF x Near_LoA	-4,14323727	-0,145	0,306
CHR4	13994048	CHR4:13994048	SSF x Near_LoA	-8,94588319	-0,004	0,312
CHR4	14001672	CHR4:14001672	SSF x Near_LoA	-7,7958554	0,046	0,320
CHR4	14003444	CHR4:14003444	SSF x Near_LoA	-7,89436921	0,080	0,301
CHR4	14003501	CHR4:14003501	SSF x Near_LoA	-7,91530362	0,031	0,326
CHR4	14008439	CHR4:14008439	SSF x Near_LoA	-8,33967045	0,017	0,326
CHR4	14011028	CHR4:14011028	SSF x Near_LoA	-8,46524634	0,018	0,320

CHR4	14011049	CHR4:14011049	SSF x Near_LoA	-7,69951708	0,068	0,319
CHR4	14013834	CHR4:14013834	SSF x Near_LoA	-10,6857005	0,026	0,324
CHR4	14013973	CHR4:14013973	SSF x Near_LoA	-10,5146157	0,051	0,309
CHR4	14018166	CHR4:14018166	SSF x Near_LoA	-10,3440771	-0,007	0,311
CHR4	14018194	CHR4:14018194	SSF x Near_LoA	-10,1117707	-0,034	0,305
CHR4	14018203	CHR4:14018203	SSF x Near_LoA	-7,22918447	-0,106	0,306
CHR4	14018271	CHR4:14018271	SSF x Near_LoA	-8,34529501	0,031	0,309
CHR4	14018306	CHR4:14018306	SSF x Near_LoA	-7,37725176	0,043	0,315
CHR4	14018321	CHR4:14018321	SSF x Near_LoA	-8,92614585	0,042	0,315
CHR4	14018350	CHR4:14018350	SSF x Near_LoA	-8,85894546	-0,017	0,320
CHR4	14018361	CHR4:14018361	SSF x Near_LoA	-8,23936034	0,028	0,321
CHR4	14024213	CHR4:14024213	SSF x Near_LoA	-9,6880753	0,064	0,299
CHR4	14024220	CHR4:14024220	SSF x Near_LoA	-8,91375992	0,087	0,288
CHR4	14024258	CHR4:14024258	SSF x Near_LoA	-8,53343489	0,058	0,301
CHR4	14024346	CHR4:14024346	SSF x Near_LoA	-9,65496565	-0,082	0,307
CHR4	14024347	CHR4:14024347	SSF x Near_LoA	-6,90362292	-0,100	0,310
CHR4	14024355	CHR4:14024355	SSF x Near_LoA	-10,1721751	-0,050	0,301
CHR4	14025273	CHR4:14025273	SSF x Near_LoA	-11,8554581	-0,107	0,302
CHR4	14034926	CHR4:14034926	SSF x Near_LoA	5,35086704	0,075	0,308
CHR4	14035009	CHR4:14035009	SSF x Near_LoA	-10,7426946	0,074	0,316
CHR4	14035047	CHR4:14035047	SSF x Near_LoA	-10,267627	0,079	0,303
CHR4	14035058	CHR4:14035058	SSF x Near_LoA	-5,8850257	0,073	0,292
CHR4	14040253	CHR4:14040253	SSF x Near_LoA	-10,9381603	0,067	0,310
CHR4	14040265	CHR4:14040265	SSF x Near_LoA	-11,1885135	0,035	0,303
CHR4	14040283	CHR4:14040283	SSF x Near_LoA	-8,36717489	0,120	0,304
CHR4	14040285	CHR4:14040285	SSF x Near_LoA	-9,45182689	0,090	0,302
CHR4	14040290	CHR4:14040290	SSF x Near_LoA	-9,91528437	0,086	0,314
CHR4	14040295	CHR4:14040295	SSF x Near_LoA	-10,0806023	0,089	0,308
CHR4	14040300	CHR4:14040300	SSF x Near_LoA	-9,59946591	0,076	0,305
CHR4	14040307	CHR4:14040307	SSF x Near_LoA	-11,1344293	0,098	0,295
CHR4	14040312	CHR4:14040312	SSF x Near_LoA	-8,8583735	0,112	0,307
CHR4	14040322	CHR4:14040322	SSF x Near_LoA	-9,05916461	0,096	0,297
CHR4	14040325	CHR4:14040325	SSF x Near_LoA	-9,13483701	0,098	0,301
CHR4	14040331	CHR4:14040331	SSF x Near_LoA	-8,83420234	0,123	0,306
CHR4	14040332	CHR4:14040332	SSF x Near_LoA	-10,2933218	0,089	0,298
CHR4	14040338	CHR4:14040338	SSF x Near_LoA	-9,82645936	0,094	0,305
CHR4	14040343	CHR4:14040343	SSF x Near_LoA	-10,6313811	0,104	0,299
CHR4	14040346	CHR4:14040346	SSF x Near_LoA	-3,94944251	0,102	0,303
CHR4	14040349	CHR4:14040349	SSF x Near_LoA	-9,9408389	0,114	0,290
CHR4	14040359	CHR4:14040359	SSF x Near_LoA	-10,1574481	0,084	0,300
CHR4	14040360	CHR4:14040360	SSF x Near_LoA	-10,7802673	-0,045	0,319
CHR4	14040362	CHR4:14040362	SSF x Near_LoA	-10,000679	0,073	0,319
CHR4	14040367	CHR4:14040367	SSF x Near_LoA	-10,7156338	0,082	0,300
CHR4	14040372	CHR4:14040372	SSF x Near_LoA	-8,45601784	0,111	0,303
CHR4	14040373	CHR4:14040373	SSF x Near_LoA	-7,55810799	0,121	0,306
CHR4	14043305	CHR4:14043305	SSF x Near_LoA	-10,5358597	0,091	0,304
CHR4	14043318	CHR4:14043318	SSF x Near_LoA	-5,03309369	0,144	0,312
CHR4	14043352	CHR4:14043352	SSF x Near_LoA	-6,61056981	0,099	0,316
CHR4	14043394	CHR4:14043394	SSF x Near_LoA	-7,0507577	0,133	0,294
CHR4	14043396	CHR4:14043396	SSF x Near_LoA	-9,30864107	-0,118	0,304
CHR4	14060869	CHR4:14060869	SSF x Near_LoA	-10,0814979	0,088	0,304
CHR4	14060883	CHR4:14060883	SSF x Near_LoA	-6,97700049	-0,029	0,306
CHR4	14070926	CHR4:14070926	SSF x Near_LoA	-9,18330932	0,080	0,294

CHR4	1407244	CHR4:1407244	SSF x Near_LoA	-8,35963048	0,076	0,302
CHR4	1407273	CHR4:1407273	SSF x Near_LoA	-11,2389224	0,053	0,287
CHR4	1407306	CHR4:1407306	SSF x Near_LoA	-9,76057925	0,015	0,303
CHR4	14079403	CHR4:14079403	SSF x Near_LoA	-11,1341475	-0,095	0,304
CHR4	14079476	CHR4:14079476	SSF x Near_LoA	-6,59548641	0,078	0,291
CHR4	14079531	CHR4:14079531	SSF x Near_LoA	-10,0365747	0,009	0,281
CHR4	14079539	CHR4:14079539	SSF x Near_LoA	-10,3351742	0,017	0,312
CHR4	14090622	CHR4:14090622	SSF x Near_LoA	-8,79225795	0,077	0,307
CHR4	14090746	CHR4:14090746	SSF x Near_LoA	-10,2978349	-0,014	0,311
CHR4	14090794	CHR4:14090794	SSF x Near_LoA	-8,34077034	0,012	0,321
CHR4	14090856	CHR4:14090856	SSF x Near_LoA	-8,51465875	0,075	0,294
CHR4	14096317	CHR4:14096317	SSF x Near_LoA	-9,27371881	-0,044	0,317
CHR4	14096341	CHR4:14096341	SSF x Near_LoA	-9,92326827	0,003	0,312
CHR4	14096383	CHR4:14096383	SSF x Near_LoA	-6,55312735	-0,171	0,296
CHR4	14097392	CHR4:14097392	SSF x Near_LoA	-9,21773171	-0,102	0,299
CHR4	14097418	CHR4:14097418	SSF x Near_LoA	-10,278712	-0,068	0,306
CHR4	14097454	CHR4:14097454	SSF x Near_LoA	-10,4359694	-0,105	0,296
CHR4	14097462	CHR4:14097462	SSF x Near_LoA	-8,94305576	-0,085	0,294
CHR4	14097476	CHR4:14097476	SSF x Near_LoA	-10,1420222	-0,101	0,298
CHR4	14097487	CHR4:14097487	SSF x Near_LoA	-8,85818868	-0,085	0,308
CHR4	14104804	CHR4:14104804	SSF x Near_LoA	-8,50966558	0,077	0,306
CHR4	14104806	CHR4:14104806	SSF x Near_LoA	-12,0299504	0,053	0,299
CHR4	14104888	CHR4:14104888	SSF x Near_LoA	-12,0188798	0,032	0,306
CHR4	14104906	CHR4:14104906	SSF x Near_LoA	-7,91226316	0,062	0,320
CHR4	14104921	CHR4:14104921	SSF x Near_LoA	-8,68382328	-0,079	0,307
CHR4	14104965	CHR4:14104965	SSF x Near_LoA	-8,13384835	-0,112	0,305
CHR4	14114857	CHR4:14114857	SSF x Near_LoA	-10,8098788	0,017	0,310
CHR4	14115051	CHR4:14115051	SSF x Near_LoA	-10,7855575	0,035	0,307
CHR4	14133767	CHR4:14133767	SSF x Near_LoA	-7,92524527	-0,101	0,307
CHR4	1414560	CHR4:1414560	SSF x Near_LoA	-11,3574895	0,057	0,304
CHR4	1414795	CHR4:1414795	SSF x Near_LoA	-11,6731627	-0,064	0,300
CHR4	1414854	CHR4:1414854	SSF x Near_LoA	-9,04437792	-0,006	0,303
CHR4	1414886	CHR4:1414886	SSF x Near_LoA	-10,2757958	-0,002	0,303
CHR4	14152431	CHR4:14152431	SSF x Near_LoA	-8,62788159	-0,005	0,301
CHR4	14152614	CHR4:14152614	SSF x Near_LoA	-10,4187661	-0,110	0,305
CHR4	14165021	CHR4:14165021	SSF x Near_LoA	-10,7987588	-0,022	0,306
CHR4	14183589	CHR4:14183589	SSF x Near_LoA	-7,71215358	0,006	0,317
CHR4	14193751	CHR4:14193751	SSF x Near_LoA	-8,70601614	0,017	0,315
CHR4	14193938	CHR4:14193938	SSF x Near_LoA	-7,22447843	0,089	0,304
CHR4	14194001	CHR4:14194001	SSF x Near_LoA	-9,06345382	-0,067	0,308
CHR4	14215825	CHR4:14215825	SSF x Near_LoA	-8,21955737	0,003	0,300
CHR4	14215872	CHR4:14215872	SSF x Near_LoA	-9,86535928	-0,108	0,306
CHR4	14215881	CHR4:14215881	SSF x Near_LoA	-11,9556616	-0,007	0,306
CHR4	14215884	CHR4:14215884	SSF x Near_LoA	-6,70680683	-0,043	0,297
CHR4	14215904	CHR4:14215904	SSF x Near_LoA	-5,57303827	-0,038	0,294
CHR4	14215952	CHR4:14215952	SSF x Near_LoA	-9,84569205	-0,041	0,299
CHR4	14215961	CHR4:14215961	SSF x Near_LoA	-8,70664257	0,044	0,313
CHR4	14216004	CHR4:14216004	SSF x Near_LoA	-7,09149257	0,087	0,310
CHR4	14216046	CHR4:14216046	SSF x Near_LoA	-9,03610154	0,039	0,312
CHR4	14216067	CHR4:14216067	SSF x Near_LoA	-11,2603903	0,062	0,297
CHR4	14220646	CHR4:14220646	SSF x Near_LoA	-9,89376454	0,015	0,289
CHR4	14220665	CHR4:14220665	SSF x Near_LoA	-5,48494566	0,254	0,289
CHR4	14220681	CHR4:14220681	SSF x Near_LoA	-10,7838864	0,046	0,306

CHR4	14228305	CHR4:14228305	SSF x Near_LoA	-8,05447874	0,159	0,298
CHR4	14228373	CHR4:14228373	SSF x Near_LoA	-9,56919595	0,100	0,317
CHR4	14228435	CHR4:14228435	SSF x Near_LoA	-8,26322354	0,098	0,305
CHR4	14228451	CHR4:14228451	SSF x Near_LoA	-9,92572739	0,082	0,324
CHR4	14231903	CHR4:14231903	SSF x Near_LoA	-9,59999953	0,066	0,314
CHR4	14232041	CHR4:14232041	SSF x Near_LoA	-6,19347733	-0,203	0,297
CHR4	14232089	CHR4:14232089	SSF x Near_LoA	-7,28068161	-0,128	0,295
CHR4	14232123	CHR4:14232123	SSF x Near_LoA	-10,1116619	-0,021	0,308
CHR4	14232151	CHR4:14232151	SSF x Near_LoA	-10,9651409	-0,019	0,314
CHR4	14232174	CHR4:14232174	SSF x Near_LoA	-9,08900883	-0,127	0,306
CHR4	14234379	CHR4:14234379	SSF x Near_LoA	-10,5770842	0,051	0,298
CHR4	14234400	CHR4:14234400	SSF x Near_LoA	-7,77161691	0,146	0,308
CHR4	14234500	CHR4:14234500	SSF x Near_LoA	-9,4752683	-0,044	0,306
CHR4	14239222	CHR4:14239222	SSF x Near_LoA	-9,75873351	0,039	0,292
CHR4	14239313	CHR4:14239313	SSF x Near_LoA	-11,679107	-0,091	0,309
CHR4	14244429	CHR4:14244429	SSF x Near_LoA	-9,31620187	0,020	0,297
CHR4	14246794	CHR4:14246794	SSF x Near_LoA	-4,6108546	0,145	0,292
CHR4	14246808	CHR4:14246808	SSF x Near_LoA	-9,63100078	-0,101	0,299
CHR4	14246838	CHR4:14246838	SSF x Near_LoA	-8,00533483	-0,104	0,307
CHR4	14246994	CHR4:14246994	SSF x Near_LoA	-9,49153274	0,149	0,309
CHR4	14248642	CHR4:14248642	SSF x Near_LoA	-11,0820575	0,064	0,307
CHR4	1425659	CHR4:1425659	SSF x Near_LoA	4,79823115	-0,079	0,307
CHR4	1425663	CHR4:1425663	SSF x Near_LoA	-9,55317924	-0,085	0,312
CHR4	1425695	CHR4:1425695	SSF x Near_LoA	-9,08235181	-0,018	0,303
CHR4	1425757	CHR4:1425757	SSF x Near_LoA	-10,3540155	0,012	0,299
CHR4	1425818	CHR4:1425818	SSF x Near_LoA	-1,6010422	-0,102	0,287
CHR4	1425881	CHR4:1425881	SSF x Near_LoA	-8,80620029	0,027	0,318
CHR4	14276914	CHR4:14276914	SSF x Near_LoA	-8,76731383	-0,052	0,313
CHR4	14276953	CHR4:14276953	SSF x Near_LoA	-7,9206844	0,072	0,295
CHR4	14279554	CHR4:14279554	SSF x Near_LoA	-6,90288946	0,156	0,297
CHR4	14300905	CHR4:14300905	SSF x Near_LoA	-5,06951838	-0,133	0,313
CHR4	14300945	CHR4:14300945	SSF x Near_LoA	-10,9351499	0,035	0,315
CHR4	14302880	CHR4:14302880	SSF x Near_LoA	-7,75318551	-0,099	0,310
CHR4	14325222	CHR4:14325222	SSF x Near_LoA	-9,43397184	0,092	0,300
CHR4	14329129	CHR4:14329129	SSF x Near_LoA	-10,0053796	0,019	0,306
CHR4	14333530	CHR4:14333530	SSF x Near_LoA	-7,05137446	-0,122	0,309
CHR4	14338097	CHR4:14338097	SSF x Near_LoA	-7,98706451	0,036	0,320
CHR4	14343681	CHR4:14343681	SSF x Near_LoA	-11,9511126	-0,074	0,313
CHR4	14343811	CHR4:14343811	SSF x Near_LoA	-10,1613789	-0,052	0,307
CHR4	14355137	CHR4:14355137	SSF x Near_LoA	-5,11144898	0,209	0,303
CHR4	14355714	CHR4:14355714	SSF x Near_LoA	-11,508456	-0,049	0,325
CHR4	14369195	CHR4:14369195	SSF x Near_LoA	-8,08335568	0,071	0,305
CHR4	14369321	CHR4:14369321	SSF x Near_LoA	-10,1162749	-0,132	0,296
CHR4	14369405	CHR4:14369405	SSF x Near_LoA	-8,26325577	-0,082	0,291
CHR4	14374040	CHR4:14374040	SSF x Near_LoA	-7,32145639	0,112	0,312
CHR4	14374145	CHR4:14374145	SSF x Near_LoA	-8,98170082	-0,056	0,313
CHR4	14374193	CHR4:14374193	SSF x Near_LoA	-8,82809403	-0,016	0,319
CHR4	14374225	CHR4:14374225	SSF x Near_LoA	-8,58499304	0,139	0,298
CHR4	14374293	CHR4:14374293	SSF x Near_LoA	-11,1754909	0,070	0,304
CHR4	14378349	CHR4:14378349	SSF x Near_LoA	-7,52279403	0,125	0,296
CHR4	14378461	CHR4:14378461	SSF x Near_LoA	-4,49834278	0,150	0,299
CHR4	14378514	CHR4:14378514	SSF x Near_LoA	-9,50428934	-0,047	0,308
CHR4	14378546	CHR4:14378546	SSF x Near_LoA	-8,1116806	0,097	0,308

CHR4	14397595	CHR4:14397595	SSF x Near_LoA	-7,15839179	-0,060	0,316
CHR4	14397596	CHR4:14397596	SSF x Near_LoA	-8,87109312	-0,084	0,313
CHR4	14397606	CHR4:14397606	SSF x Near_LoA	-9,868807	0,074	0,302
CHR4	14397649	CHR4:14397649	SSF x Near_LoA	-12,008847	-0,050	0,309
CHR4	14397825	CHR4:14397825	SSF x Near_LoA	-6,79690575	-0,044	0,304
CHR4	14406904	CHR4:14406904	SSF x Near_LoA	-10,7585682	0,071	0,296
CHR4	14406943	CHR4:14406943	SSF x Near_LoA	-0,48964137	-0,027	0,308
CHR4	14407119	CHR4:14407119	SSF x Near_LoA	-9,45670219	0,025	0,303
CHR4	14407138	CHR4:14407138	SSF x Near_LoA	-9,34304277	0,076	0,302
CHR4	1440724	CHR4:1440724	SSF x Near_LoA	-4,08220542	0,096	0,309
CHR4	1440783	CHR4:1440783	SSF x Near_LoA	0,29311283	0,102	0,291
CHR4	14415581	CHR4:14415581	SSF x Near_LoA	-8,53764038	0,013	0,315
CHR4	14415641	CHR4:14415641	SSF x Near_LoA	-8,69730901	0,007	0,323
CHR4	14415654	CHR4:14415654	SSF x Near_LoA	-11,0274787	0,069	0,307
CHR4	14417265	CHR4:14417265	SSF x Near_LoA	-6,36579917	-0,084	0,315
CHR4	14417277	CHR4:14417277	SSF x Near_LoA	-8,37924482	0,062	0,313
CHR4	14417400	CHR4:14417400	SSF x Near_LoA	-11,6333631	-0,087	0,306
CHR4	14417451	CHR4:14417451	SSF x Near_LoA	-10,5876009	0,134	0,303
CHR4	14425484	CHR4:14425484	SSF x Near_LoA	-9,55991987	-0,103	0,312
CHR4	14425501	CHR4:14425501	SSF x Near_LoA	-11,6461271	0,091	0,298
CHR4	14425519	CHR4:14425519	SSF x Near_LoA	-8,74882838	0,121	0,302
CHR4	14425611	CHR4:14425611	SSF x Near_LoA	-11,7784167	-0,078	0,307
CHR4	14425652	CHR4:14425652	SSF x Near_LoA	-10,4158415	0,005	0,309
CHR4	1442671	CHR4:1442671	SSF x Near_LoA	-4,59237302	0,128	0,307
CHR4	1442707	CHR4:1442707	SSF x Near_LoA	-11,4152123	-0,096	0,305
CHR4	14435554	CHR4:14435554	SSF x Near_LoA	-8,91906497	0,029	0,313
CHR4	14435586	CHR4:14435586	SSF x Near_LoA	-7,32492613	-0,155	0,314
CHR4	14435610	CHR4:14435610	SSF x Near_LoA	-9,65680657	0,018	0,303
CHR4	14438123	CHR4:14438123	SSF x Near_LoA	-10,8078644	0,006	0,304
CHR4	1444186	CHR4:1444186	SSF x Near_LoA	-8,51984754	0,101	0,306
CHR4	1444224	CHR4:1444224	SSF x Near_LoA	-9,25526733	0,032	0,314
CHR4	14442972	CHR4:14442972	SSF x Near_LoA	-12,0484852	0,022	0,298
CHR4	14443804	CHR4:14443804	SSF x Near_LoA	-8,11654996	-0,070	0,291
CHR4	14458043	CHR4:14458043	SSF x Near_LoA	-10,9147576	-0,113	0,311
CHR4	14458179	CHR4:14458179	SSF x Near_LoA	-9,24851735	-0,075	0,299
CHR4	1446183	CHR4:1446183	SSF x Near_LoA	-8,63065635	-0,132	0,300
CHR4	1446184	CHR4:1446184	SSF x Near_LoA	-9,01982276	-0,167	0,299
CHR4	1446201	CHR4:1446201	SSF x Near_LoA	-9,82099794	-0,016	0,305
CHR4	1446228	CHR4:1446228	SSF x Near_LoA	-6,43832421	-0,013	0,311
CHR4	14463983	CHR4:14463983	SSF x Near_LoA	-9,99810826	0,039	0,307
CHR4	14464011	CHR4:14464011	SSF x Near_LoA	-9,95814709	-0,072	0,309
CHR4	14471202	CHR4:14471202	SSF x Near_LoA	-7,17649156	0,087	0,306
CHR4	14471279	CHR4:14471279	SSF x Near_LoA	-9,37714664	0,092	0,294
CHR4	14471358	CHR4:14471358	SSF x Near_LoA	-9,42032723	0,051	0,294
CHR4	14472434	CHR4:14472434	SSF x Near_LoA	-8,7340953	0,061	0,308
CHR4	14472483	CHR4:14472483	SSF x Near_LoA	-11,6661264	-0,023	0,308
CHR4	14473596	CHR4:14473596	SSF x Near_LoA	-7,99911684	-0,048	0,310
CHR4	14473697	CHR4:14473697	SSF x Near_LoA	-9,95123823	-0,044	0,315
CHR4	14475200	CHR4:14475200	SSF x Near_LoA	-6,88853649	-0,141	0,303
CHR4	14475237	CHR4:14475237	SSF x Near_LoA	-9,44418268	0,050	0,310
CHR4	14487159	CHR4:14487159	SSF x Near_LoA	-9,8136718	0,096	0,315
CHR4	14488833	CHR4:14488833	SSF x Near_LoA	-10,9470662	-0,064	0,315
CHR4	1451300	CHR4:1451300	SSF x Near_LoA	-6,33296361	-0,037	0,316

CHR4	1451310	CHR4:1451310	SSF x Near_LoA	0,19704305	-0,133	0,319
CHR4	14523672	CHR4:14523672	SSF x Near_LoA	-9,27276777	0,022	0,305
CHR4	14527099	CHR4:14527099	SSF x Near_LoA	-7,62387079	0,106	0,282
CHR4	14527172	CHR4:14527172	SSF x Near_LoA	-9,39031075	-0,024	0,304
CHR4	14533293	CHR4:14533293	SSF x Near_LoA	-6,82538495	-0,144	0,302
CHR4	14533299	CHR4:14533299	SSF x Near_LoA	-9,17269587	0,074	0,308
CHR4	14533371	CHR4:14533371	SSF x Near_LoA	-8,3862749	-0,138	0,311
CHR4	14533372	CHR4:14533372	SSF x Near_LoA	-7,80202775	0,058	0,308
CHR4	14533381	CHR4:14533381	SSF x Near_LoA	-8,94729505	0,076	0,306
CHR4	14533389	CHR4:14533389	SSF x Near_LoA	-7,74318468	0,081	0,301
CHR4	14533482	CHR4:14533482	SSF x Near_LoA	-8,75197444	0,101	0,288
CHR4	14533517	CHR4:14533517	SSF x Near_LoA	-10,0217459	0,073	0,302
CHR4	14533523	CHR4:14533523	SSF x Near_LoA	-6,9078344	0,096	0,316
CHR4	14533550	CHR4:14533550	SSF x Near_LoA	-3,11245019	-0,146	0,300
CHR4	14533555	CHR4:14533555	SSF x Near_LoA	-9,67974692	0,113	0,279
CHR4	14533557	CHR4:14533557	SSF x Near_LoA	-11,1550098	0,011	0,313
CHR4	14537526	CHR4:14537526	SSF x Near_LoA	-9,8626158	-0,012	0,300
CHR4	14537608	CHR4:14537608	SSF x Near_LoA	-10,6786696	-0,009	0,319
CHR4	14537648	CHR4:14537648	SSF x Near_LoA	-10,7221522	-0,108	0,293
CHR4	14540545	CHR4:14540545	SSF x Near_LoA	-10,9945296	0,056	0,309
CHR4	14540555	CHR4:14540555	SSF x Near_LoA	-8,40129284	-0,003	0,309
CHR4	14540573	CHR4:14540573	SSF x Near_LoA	-7,54073708	0,069	0,301
CHR4	14540603	CHR4:14540603	SSF x Near_LoA	-5,39076369	0,110	0,313
CHR4	1456082	CHR4:1456082	SSF x Near_LoA	-8,82118878	0,011	0,305
CHR4	14560822	CHR4:14560822	SSF x Near_LoA	-11,0848044	-0,003	0,319
CHR4	1456151	CHR4:1456151	SSF x Near_LoA	-8,69386898	0,090	0,306
CHR4	1456198	CHR4:1456198	SSF x Near_LoA	-10,4285336	-0,136	0,301
CHR4	1456227	CHR4:1456227	SSF x Near_LoA	-10,8513378	0,031	0,324
CHR4	14564749	CHR4:14564749	SSF x Near_LoA	-10,7426968	-0,132	0,297
CHR4	14567086	CHR4:14567086	SSF x Near_LoA	-10,2383578	-0,045	0,294
CHR4	14568697	CHR4:14568697	SSF x Near_LoA	-8,53995171	0,099	0,298
CHR4	14570151	CHR4:14570151	SSF x Near_LoA	-8,42228181	-0,043	0,322
CHR4	14573798	CHR4:14573798	SSF x Near_LoA	-9,06907987	0,027	0,306
CHR4	14573850	CHR4:14573850	SSF x Near_LoA	-9,11805784	0,041	0,311
CHR4	14573907	CHR4:14573907	SSF x Near_LoA	-10,0258241	0,057	0,302
CHR4	14573996	CHR4:14573996	SSF x Near_LoA	-9,11256937	-0,158	0,307
CHR4	14577415	CHR4:14577415	SSF x Near_LoA	-8,98610116	-0,082	0,306
CHR4	14577452	CHR4:14577452	SSF x Near_LoA	-9,94558495	-0,059	0,298
CHR4	14577480	CHR4:14577480	SSF x Near_LoA	-10,3239932	0,052	0,313
CHR4	14577638	CHR4:14577638	SSF x Near_LoA	-10,6052822	0,034	0,309
CHR4	14587853	CHR4:14587853	SSF x Near_LoA	-7,07162732	0,135	0,292
CHR4	14587896	CHR4:14587896	SSF x Near_LoA	-9,39228765	0,079	0,304
CHR4	14587932	CHR4:14587932	SSF x Near_LoA	-7,33786296	0,149	0,295
CHR4	14590195	CHR4:14590195	SSF x Near_LoA	-4,42974576	-0,121	0,303
CHR4	14590240	CHR4:14590240	SSF x Near_LoA	-7,68470821	-0,039	0,308
CHR4	14595221	CHR4:14595221	SSF x Near_LoA	-9,16834337	0,035	0,308
CHR4	14595240	CHR4:14595240	SSF x Near_LoA	-11,8515899	-0,031	0,314
CHR4	14597326	CHR4:14597326	SSF x Near_LoA	-8,60457127	-0,065	0,301
CHR4	14597354	CHR4:14597354	SSF x Near_LoA	-10,1521017	0,062	0,311
CHR4	14597370	CHR4:14597370	SSF x Near_LoA	-1,64824994	-0,057	0,311
CHR4	14597385	CHR4:14597385	SSF x Near_LoA	-10,5403653	0,071	0,320
CHR4	14597441	CHR4:14597441	SSF x Near_LoA	-5,77026634	-0,178	0,312
CHR4	14598632	CHR4:14598632	SSF x Near_LoA	-11,7715158	-0,025	0,312

CHR4	1461015	CHR4:1461015	SSF x Near_LoA	-10,348976	-0,051	0,301
CHR4	1461099	CHR4:1461099	SSF x Near_LoA	-9,80070273	0,000	0,315
CHR4	1463570	CHR4:1463570	SSF x Near_LoA	-11,8306745	0,019	0,297
CHR4	1463622	CHR4:1463622	SSF x Near_LoA	-8,86211343	0,025	0,309
CHR4	14636660	CHR4:14636660	SSF x Near_LoA	-7,72308569	0,097	0,300
CHR4	14636714	CHR4:14636714	SSF x Near_LoA	-9,75169791	0,069	0,300
CHR4	1463672	CHR4:1463672	SSF x Near_LoA	-11,3296696	-0,005	0,294
CHR4	1463691	CHR4:1463691	SSF x Near_LoA	-9,27420571	0,017	0,292
CHR4	14657969	CHR4:14657969	SSF x Near_LoA	-5,30661299	0,168	0,282
CHR4	14658024	CHR4:14658024	SSF x Near_LoA	-9,22115877	-0,097	0,306
CHR4	14658048	CHR4:14658048	SSF x Near_LoA	-10,4356024	0,075	0,310
CHR4	14658145	CHR4:14658145	SSF x Near_LoA	-9,94805609	0,018	0,317
CHR4	14658227	CHR4:14658227	SSF x Near_LoA	-7,99780359	0,105	0,300
CHR4	14671392	CHR4:14671392	SSF x Near_LoA	-9,49291015	-0,113	0,289
CHR4	1467794	CHR4:1467794	SSF x Near_LoA	-8,85983669	-0,063	0,289
CHR4	14679185	CHR4:14679185	SSF x Near_LoA	-11,1241096	-0,028	0,310
CHR4	14679221	CHR4:14679221	SSF x Near_LoA	-10,3680098	0,050	0,314
CHR4	1467970	CHR4:1467970	SSF x Near_LoA	-9,31184759	-0,039	0,307
CHR4	14690439	CHR4:14690439	SSF x Near_LoA	-8,09893188	-0,147	0,305
CHR4	14692564	CHR4:14692564	SSF x Near_LoA	-10,1197616	-0,004	0,295
CHR4	14699823	CHR4:14699823	SSF x Near_LoA	-8,85425645	0,138	0,299
CHR4	14699898	CHR4:14699898	SSF x Near_LoA	-10,0901166	0,033	0,310
CHR4	14705098	CHR4:14705098	SSF x Near_LoA	-9,52056225	0,036	0,325
CHR4	14707939	CHR4:14707939	SSF x Near_LoA	-9,01294102	0,061	0,312
CHR4	14723392	CHR4:14723392	SSF x Near_LoA	-7,93256913	0,099	0,305
CHR4	14729411	CHR4:14729411	SSF x Near_LoA	-9,59928791	0,039	0,304
CHR4	14729442	CHR4:14729442	SSF x Near_LoA	-10,0382141	0,110	0,293
CHR4	14732860	CHR4:14732860	SSF x Near_LoA	-11,0037313	-0,072	0,320
CHR4	14732865	CHR4:14732865	SSF x Near_LoA	-8,4273878	-0,094	0,313
CHR4	14732902	CHR4:14732902	SSF x Near_LoA	-9,43318752	-0,089	0,309
CHR4	14732940	CHR4:14732940	SSF x Near_LoA	-9,98731759	-0,031	0,306
CHR4	14733621	CHR4:14733621	SSF x Near_LoA	-11,2210935	-0,017	0,302
CHR4	14740399	CHR4:14740399	SSF x Near_LoA	-6,97983626	0,193	0,301
CHR4	14740401	CHR4:14740401	SSF x Near_LoA	-9,96353054	0,193	0,298
CHR4	14740422	CHR4:14740422	SSF x Near_LoA	-10,5245542	-0,078	0,312
CHR4	14740438	CHR4:14740438	SSF x Near_LoA	-9,77729184	-0,068	0,283
CHR4	14740487	CHR4:14740487	SSF x Near_LoA	-6,15842392	0,197	0,295
CHR4	14740526	CHR4:14740526	SSF x Near_LoA	-11,4963417	0,040	0,307
CHR4	14740530	CHR4:14740530	SSF x Near_LoA	-6,97449346	0,215	0,286
CHR4	14740599	CHR4:14740599	SSF x Near_LoA	-10,2725953	-0,143	0,301
CHR4	14740631	CHR4:14740631	SSF x Near_LoA	-7,18044581	0,196	0,283
CHR4	14742345	CHR4:14742345	SSF x Near_LoA	-3,71114908	0,088	0,314
CHR4	14742350	CHR4:14742350	SSF x Near_LoA	-9,95544783	0,040	0,300
CHR4	14764101	CHR4:14764101	SSF x Near_LoA	-9,02408887	-0,033	0,303
CHR4	1476507	CHR4:1476507	SSF x Near_LoA	-9,00654182	0,068	0,309
CHR4	1476520	CHR4:1476520	SSF x Near_LoA	-9,77784541	0,067	0,315
CHR4	1476583	CHR4:1476583	SSF x Near_LoA	-7,90051287	0,060	0,302
CHR4	14766162	CHR4:14766162	SSF x Near_LoA	-8,83185289	-0,032	0,318
CHR4	14766163	CHR4:14766163	SSF x Near_LoA	-9,34921064	-0,023	0,316
CHR4	1476624	CHR4:1476624	SSF x Near_LoA	-12,3303415	0,011	0,306
CHR4	1476630	CHR4:1476630	SSF x Near_LoA	-11,8476423	-0,059	0,294
CHR4	1476681	CHR4:1476681	SSF x Near_LoA	-8,15190632	-0,059	0,317
CHR4	1476693	CHR4:1476693	SSF x Near_LoA	-9,91045739	-0,001	0,314

CHR4	1476707	CHR4:1476707	SSF x Near_LoA	-10,6543356	-0,013	0,309
CHR4	1476714	CHR4:1476714	SSF x Near_LoA	-8,07982235	0,109	0,309
CHR4	14773431	CHR4:14773431	SSF x Near_LoA	-7,38594622	0,073	0,313
CHR4	14775899	CHR4:14775899	SSF x Near_LoA	-7,80559949	-0,125	0,312
CHR4	14780941	CHR4:14780941	SSF x Near_LoA	-9,08865292	-0,088	0,302
CHR4	14798932	CHR4:14798932	SSF x Near_LoA	-9,4827561	-0,076	0,297
CHR4	14798945	CHR4:14798945	SSF x Near_LoA	-10,4820509	-0,040	0,310
CHR4	14799003	CHR4:14799003	SSF x Near_LoA	-10,3951231	-0,010	0,309
CHR4	14799007	CHR4:14799007	SSF x Near_LoA	-3,3428134	0,040	0,303
CHR4	14808432	CHR4:14808432	SSF x Near_LoA	-4,95141475	0,058	0,305
CHR4	14808466	CHR4:14808466	SSF x Near_LoA	-9,33350302	-0,033	0,305
CHR4	14808537	CHR4:14808537	SSF x Near_LoA	-7,49030071	0,052	0,323
CHR4	14810167	CHR4:14810167	SSF x Near_LoA	-10,0918004	-0,091	0,314
CHR4	14810228	CHR4:14810228	SSF x Near_LoA	-9,04176169	0,009	0,310
CHR4	14813518	CHR4:14813518	SSF x Near_LoA	-10,7314943	0,076	0,301
CHR4	14813557	CHR4:14813557	SSF x Near_LoA	-9,71625477	0,114	0,312
CHR4	14813559	CHR4:14813559	SSF x Near_LoA	-8,69495048	-0,062	0,319
CHR4	14813620	CHR4:14813620	SSF x Near_LoA	-6,60393397	-0,006	0,301
CHR4	14814832	CHR4:14814832	SSF x Near_LoA	-8,83196299	-0,117	0,314
CHR4	14814834	CHR4:14814834	SSF x Near_LoA	-10,005515	0,010	0,315
CHR4	14827068	CHR4:14827068	SSF x Near_LoA	-9,18033454	0,050	0,304
CHR4	14827154	CHR4:14827154	SSF x Near_LoA	-8,98731381	-0,089	0,313
CHR4	14827202	CHR4:14827202	SSF x Near_LoA	-11,7339694	0,061	0,300
CHR4	14834998	CHR4:14834998	SSF x Near_LoA	-9,47895049	0,027	0,303
CHR4	14835015	CHR4:14835015	SSF x Near_LoA	-9,81400224	0,107	0,298
CHR4	14835143	CHR4:14835143	SSF x Near_LoA	-9,34389863	-0,028	0,299
CHR4	14840927	CHR4:14840927	SSF x Near_LoA	-9,73107059	-0,093	0,304
CHR4	14841034	CHR4:14841034	SSF x Near_LoA	-7,57674875	-0,037	0,309
CHR4	14846356	CHR4:14846356	SSF x Near_LoA	-11,1641863	-0,116	0,303
CHR4	14847009	CHR4:14847009	SSF x Near_LoA	-10,2742744	0,056	0,307
CHR4	14847037	CHR4:14847037	SSF x Near_LoA	-7,4515158	0,007	0,312
CHR4	14847056	CHR4:14847056	SSF x Near_LoA	-9,15750388	-0,108	0,292
CHR4	14847057	CHR4:14847057	SSF x Near_LoA	-7,6478673	-0,105	0,293
CHR4	14853722	CHR4:14853722	SSF x Near_LoA	-5,43729905	-0,015	0,306
CHR4	14853756	CHR4:14853756	SSF x Near_LoA	-11,0029808	-0,035	0,315
CHR4	14853887	CHR4:14853887	SSF x Near_LoA	-7,74242383	0,008	0,308
CHR4	14853907	CHR4:14853907	SSF x Near_LoA	-7,65384707	-0,108	0,307
CHR4	14853941	CHR4:14853941	SSF x Near_LoA	-7,41221642	-0,042	0,311
CHR4	14860312	CHR4:14860312	SSF x Near_LoA	-10,965119	-0,053	0,289
CHR4	14860346	CHR4:14860346	SSF x Near_LoA	-6,86449532	-0,049	0,304
CHR4	14860358	CHR4:14860358	SSF x Near_LoA	-8,53143488	-0,030	0,310
CHR4	14860373	CHR4:14860373	SSF x Near_LoA	-8,63548118	-0,083	0,304
CHR4	14860448	CHR4:14860448	SSF x Near_LoA	-11,284632	-0,074	0,310
CHR4	14860455	CHR4:14860455	SSF x Near_LoA	-11,0180194	0,015	0,307
CHR4	14860541	CHR4:14860541	SSF x Near_LoA	-8,26424043	-0,024	0,302
CHR4	14862728	CHR4:14862728	SSF x Near_LoA	-9,26017342	0,011	0,308
CHR4	14862771	CHR4:14862771	SSF x Near_LoA	-9,92742628	0,004	0,322
CHR4	14862774	CHR4:14862774	SSF x Near_LoA	-9,9105732	0,024	0,312
CHR4	14862775	CHR4:14862775	SSF x Near_LoA	-10,1389684	0,062	0,308
CHR4	14865809	CHR4:14865809	SSF x Near_LoA	-9,56423594	0,047	0,321
CHR4	14865927	CHR4:14865927	SSF x Near_LoA	-6,94847924	0,052	0,309
CHR4	14865933	CHR4:14865933	SSF x Near_LoA	-9,69211769	-0,088	0,313
CHR4	14865939	CHR4:14865939	SSF x Near_LoA	-11,2259281	-0,100	0,307

CHR4	14866027	CHR4:14866027	SSF x Near_LoA	-10,185037	0,016	0,310
CHR4	14880898	CHR4:14880898	SSF x Near_LoA	-9,29005753	-0,036	0,292
CHR4	14881817	CHR4:14881817	SSF x Near_LoA	-10,5360513	0,024	0,289
CHR4	14881819	CHR4:14881819	SSF x Near_LoA	-9,42124405	0,107	0,293
CHR4	14881881	CHR4:14881881	SSF x Near_LoA	-7,17458321	-0,069	0,303
CHR4	14881913	CHR4:14881913	SSF x Near_LoA	-7,89198045	-0,079	0,309
CHR4	14886998	CHR4:14886998	SSF x Near_LoA	-5,83769776	0,190	0,290
CHR4	14887012	CHR4:14887012	SSF x Near_LoA	-8,84426096	-0,043	0,322
CHR4	14892084	CHR4:14892084	SSF x Near_LoA	-9,29004326	0,194	0,294
CHR4	14899140	CHR4:14899140	SSF x Near_LoA	-7,01168251	-0,062	0,310
CHR4	14900699	CHR4:14900699	SSF x Near_LoA	-10,2452321	0,086	0,288
CHR4	14900747	CHR4:14900747	SSF x Near_LoA	-9,85393721	0,068	0,298
CHR4	14900798	CHR4:14900798	SSF x Near_LoA	-6,96639217	0,093	0,296
CHR4	14910107	CHR4:14910107	SSF x Near_LoA	-9,92440236	0,141	0,297
CHR4	14916931	CHR4:14916931	SSF x Near_LoA	-10,2058469	-0,118	0,317
CHR4	14918854	CHR4:14918854	SSF x Near_LoA	-7,62935489	0,116	0,295
CHR4	14919042	CHR4:14919042	SSF x Near_LoA	0,24865176	-0,160	0,291
CHR4	14944422	CHR4:14944422	SSF x Near_LoA	-8,92275079	-0,051	0,310
CHR4	14956528	CHR4:14956528	SSF x Near_LoA	-9,02609523	-0,049	0,307
CHR4	14959287	CHR4:14959287	SSF x Near_LoA	-10,3631953	0,047	0,319
CHR4	14959294	CHR4:14959294	SSF x Near_LoA	-10,0709859	-0,024	0,300
CHR4	14959321	CHR4:14959321	SSF x Near_LoA	-10,5158094	0,004	0,314
CHR4	14959323	CHR4:14959323	SSF x Near_LoA	-11,2534255	-0,048	0,300
CHR4	14962084	CHR4:14962084	SSF x Near_LoA	-9,96950052	0,043	0,299
CHR4	14962085	CHR4:14962085	SSF x Near_LoA	-7,281866	0,051	0,311
CHR4	14962098	CHR4:14962098	SSF x Near_LoA	-8,82058781	0,021	0,321
CHR4	14962101	CHR4:14962101	SSF x Near_LoA	-9,81679803	0,030	0,304
CHR4	14962130	CHR4:14962130	SSF x Near_LoA	-9,44200222	0,060	0,302
CHR4	14962131	CHR4:14962131	SSF x Near_LoA	-10,1171015	0,034	0,305
CHR4	14962217	CHR4:14962217	SSF x Near_LoA	-7,59122123	0,080	0,309
CHR4	14965561	CHR4:14965561	SSF x Near_LoA	-8,80597858	0,086	0,303
CHR4	14966999	CHR4:14966999	SSF x Near_LoA	-9,49362765	-0,021	0,304
CHR4	14967054	CHR4:14967054	SSF x Near_LoA	-11,1314106	0,012	0,312
CHR4	14967062	CHR4:14967062	SSF x Near_LoA	-6,55503173	0,079	0,322
CHR4	14967139	CHR4:14967139	SSF x Near_LoA	-9,26227573	-0,049	0,312
CHR4	14967144	CHR4:14967144	SSF x Near_LoA	-9,76314888	-0,054	0,295
CHR4	14967169	CHR4:14967169	SSF x Near_LoA	-8,9773108	-0,040	0,302
CHR4	14967185	CHR4:14967185	SSF x Near_LoA	-9,36146606	0,055	0,316
CHR4	14967192	CHR4:14967192	SSF x Near_LoA	-7,32334202	-0,120	0,299
CHR4	14967196	CHR4:14967196	SSF x Near_LoA	-8,74185635	-0,072	0,301
CHR4	14967197	CHR4:14967197	SSF x Near_LoA	-8,20093801	-0,103	0,291
CHR4	14967203	CHR4:14967203	SSF x Near_LoA	-8,00678904	-0,131	0,291
CHR4	14967204	CHR4:14967204	SSF x Near_LoA	-7,71522213	-0,102	0,304
CHR4	14967229	CHR4:14967229	SSF x Near_LoA	-3,061377	-0,176	0,295
CHR4	14973812	CHR4:14973812	SSF x Near_LoA	-9,24405934	-0,106	0,286
CHR4	14985774	CHR4:14985774	SSF x Near_LoA	-6,06750741	-0,054	0,327
CHR4	14985810	CHR4:14985810	SSF x Near_LoA	-9,14141125	-0,020	0,306
CHR4	14985812	CHR4:14985812	SSF x Near_LoA	-7,79144454	-0,018	0,303
CHR4	14987590	CHR4:14987590	SSF x Near_LoA	-8,08252864	-0,084	0,306
CHR4	15004984	CHR4:15004984	SSF x Near_LoA	-9,79296159	-0,007	0,302
CHR4	15005000	CHR4:15005000	SSF x Near_LoA	-11,285393	-0,062	0,299
CHR4	15005046	CHR4:15005046	SSF x Near_LoA	-10,8371261	-0,094	0,293
CHR4	15005059	CHR4:15005059	SSF x Near_LoA	-9,88619236	-0,057	0,315

CHR4	15005111	CHR4:15005111	SSF x Near_LoA	-7,87784547	0,099	0,313
CHR4	15005303	CHR4:15005303	SSF x Near_LoA	-10,0275171	-0,070	0,315
CHR4	15012445	CHR4:15012445	SSF x Near_LoA	-10,6535228	0,030	0,307
CHR4	15012469	CHR4:15012469	SSF x Near_LoA	-9,52964945	0,040	0,306
CHR4	15012471	CHR4:15012471	SSF x Near_LoA	-9,03150211	-0,070	0,299
CHR4	15012478	CHR4:15012478	SSF x Near_LoA	-7,16526506	-0,093	0,310
CHR4	15012481	CHR4:15012481	SSF x Near_LoA	-9,04366467	0,002	0,299
CHR4	15012489	CHR4:15012489	SSF x Near_LoA	-9,11713638	0,003	0,314
CHR4	15012503	CHR4:15012503	SSF x Near_LoA	-7,4307659	0,040	0,312
CHR4	15012504	CHR4:15012504	SSF x Near_LoA	-9,33693402	0,024	0,316
CHR4	15018285	CHR4:15018285	SSF x Near_LoA	-8,67897514	0,126	0,290
CHR4	15018302	CHR4:15018302	SSF x Near_LoA	-8,87769327	0,129	0,295
CHR4	15018415	CHR4:15018415	SSF x Near_LoA	-7,16966807	-0,199	0,312
CHR4	15025570	CHR4:15025570	SSF x Near_LoA	-4,58081977	0,164	0,307
CHR4	15025572	CHR4:15025572	SSF x Near_LoA	-8,20473049	-0,143	0,302
CHR4	15025576	CHR4:15025576	SSF x Near_LoA	-5,13462625	0,047	0,308
CHR4	15034725	CHR4:15034725	SSF x Near_LoA	-8,63701305	0,060	0,308
CHR4	15034739	CHR4:15034739	SSF x Near_LoA	-10,2573889	0,019	0,291
CHR4	15034745	CHR4:15034745	SSF x Near_LoA	-9,8456998	0,027	0,294
CHR4	15034754	CHR4:15034754	SSF x Near_LoA	-5,00646416	0,094	0,308
CHR4	15034809	CHR4:15034809	SSF x Near_LoA	-9,37153811	0,062	0,302
CHR4	15040831	CHR4:15040831	SSF x Near_LoA	-8,12021865	0,121	0,292
CHR4	15040916	CHR4:15040916	SSF x Near_LoA	-6,28442281	0,114	0,309
CHR4	15062989	CHR4:15062989	SSF x Near_LoA	-11,2442808	-0,009	0,315
CHR4	15062993	CHR4:15062993	SSF x Near_LoA	-10,8139171	0,016	0,302
CHR4	15063038	CHR4:15063038	SSF x Near_LoA	-9,355718	-0,041	0,306
CHR4	15063057	CHR4:15063057	SSF x Near_LoA	-7,67061111	-0,030	0,315
CHR4	15063157	CHR4:15063157	SSF x Near_LoA	-6,23933582	0,099	0,307
CHR4	15063209	CHR4:15063209	SSF x Near_LoA	-10,8808845	-0,028	0,313
CHR4	15063220	CHR4:15063220	SSF x Near_LoA	-9,89822627	-0,047	0,308
CHR4	1507444	CHR4:1507444	SSF x Near_LoA	-9,05009544	0,000	0,311
CHR4	15079185	CHR4:15079185	SSF x Near_LoA	-5,56041793	-0,158	0,313
CHR4	15079342	CHR4:15079342	SSF x Near_LoA	-7,87856548	0,012	0,307
CHR4	15091990	CHR4:15091990	SSF x Near_LoA	-8,21499401	0,091	0,312
CHR4	15091991	CHR4:15091991	SSF x Near_LoA	-9,72946445	0,070	0,306
CHR4	15092077	CHR4:15092077	SSF x Near_LoA	-10,2225109	0,073	0,302
CHR4	15097024	CHR4:15097024	SSF x Near_LoA	-7,49856844	-0,066	0,316
CHR4	15103816	CHR4:15103816	SSF x Near_LoA	-8,75033304	-0,007	0,291
CHR4	15103860	CHR4:15103860	SSF x Near_LoA	-10,2387601	0,094	0,311
CHR4	15127777	CHR4:15127777	SSF x Near_LoA	-9,49529089	0,077	0,291
CHR4	15127808	CHR4:15127808	SSF x Near_LoA	-7,76297581	0,155	0,286
CHR4	15143812	CHR4:15143812	SSF x Near_LoA	-7,87651257	0,038	0,299
CHR4	15143850	CHR4:15143850	SSF x Near_LoA	-9,26362668	0,004	0,317
CHR4	15143859	CHR4:15143859	SSF x Near_LoA	-11,284299	-0,013	0,280
CHR4	15143889	CHR4:15143889	SSF x Near_LoA	-8,17802972	-0,035	0,296
CHR4	15143942	CHR4:15143942	SSF x Near_LoA	-5,81811738	0,078	0,312
CHR4	15146152	CHR4:15146152	SSF x Near_LoA	-6,75001334	-0,102	0,315
CHR4	15148521	CHR4:15148521	SSF x Near_LoA	-5,60043378	-0,120	0,296
CHR4	15148558	CHR4:15148558	SSF x Near_LoA	-7,73990024	0,110	0,297
CHR4	15148606	CHR4:15148606	SSF x Near_LoA	-11,5690107	0,086	0,299
CHR4	15148705	CHR4:15148705	SSF x Near_LoA	-9,39159256	-0,013	0,294
CHR4	15154261	CHR4:15154261	SSF x Near_LoA	-10,9547879	0,056	0,299
CHR4	15154314	CHR4:15154314	SSF x Near_LoA	-8,07964854	-0,106	0,302

CHR4	15154388	CHR4:15154388	SSF x Near_LoA	-10,1197284	0,081	0,315
CHR4	15154455	CHR4:15154455	SSF x Near_LoA	-10,3230072	0,027	0,303
CHR4	15171280	CHR4:15171280	SSF x Near_LoA	-9,3725646	0,013	0,307
CHR4	15171306	CHR4:15171306	SSF x Near_LoA	-8,64015725	-0,091	0,306
CHR4	15190246	CHR4:15190246	SSF x Near_LoA	-9,56208888	0,090	0,305
CHR4	15191490	CHR4:15191490	SSF x Near_LoA	-11,352754	0,005	0,308
CHR4	15191520	CHR4:15191520	SSF x Near_LoA	-6,7510038	-0,194	0,313
CHR4	15191546	CHR4:15191546	SSF x Near_LoA	1,02740779	-0,224	0,298
CHR4	15208892	CHR4:15208892	SSF x Near_LoA	-10,1856186	-0,043	0,311
CHR4	15208924	CHR4:15208924	SSF x Near_LoA	-8,82674566	0,024	0,313
CHR4	15209014	CHR4:15209014	SSF x Near_LoA	-11,4018236	0,014	0,299
CHR4	15219055	CHR4:15219055	SSF x Near_LoA	-11,2257223	0,051	0,299
CHR4	15219073	CHR4:15219073	SSF x Near_LoA	-8,64858668	0,049	0,316
CHR4	15219106	CHR4:15219106	SSF x Near_LoA	-8,54815591	-0,030	0,321
CHR4	15219137	CHR4:15219137	SSF x Near_LoA	-8,30676465	-0,040	0,318
CHR4	15219237	CHR4:15219237	SSF x Near_LoA	-9,86110729	-0,026	0,320
CHR4	15219262	CHR4:15219262	SSF x Near_LoA	-6,61549971	0,081	0,314
CHR4	15219268	CHR4:15219268	SSF x Near_LoA	-8,21331598	0,014	0,311
CHR4	15219296	CHR4:15219296	SSF x Near_LoA	-10,33996	0,057	0,304
CHR4	15225960	CHR4:15225960	SSF x Near_LoA	-10,7304799	0,004	0,303
CHR4	15233113	CHR4:15233113	SSF x Near_LoA	-7,96602327	-0,137	0,307
CHR4	15233146	CHR4:15233146	SSF x Near_LoA	-7,58005947	0,008	0,328
CHR4	15237035	CHR4:15237035	SSF x Near_LoA	-4,29159366	0,047	0,311
CHR4	15261248	CHR4:15261248	SSF x Near_LoA	-5,73763416	0,209	0,286
CHR4	15261303	CHR4:15261303	SSF x Near_LoA	-8,71675083	0,046	0,310
CHR4	15263029	CHR4:15263029	SSF x Near_LoA	-10,2954478	-0,086	0,310
CHR4	15282399	CHR4:15282399	SSF x Near_LoA	-8,4191813	0,128	0,307
CHR4	15283827	CHR4:15283827	SSF x Near_LoA	-11,0555457	-0,040	0,309
CHR4	153037	CHR4:153037	SSF x Near_LoA	-11,2183527	0,036	0,296
CHR4	15303768	CHR4:15303768	SSF x Near_LoA	-8,59453844	-0,081	0,302
CHR4	15304005	CHR4:15304005	SSF x Near_LoA	-10,0637607	-0,014	0,312
CHR4	15307322	CHR4:15307322	SSF x Near_LoA	-8,33767265	-0,107	0,310
CHR4	15307390	CHR4:15307390	SSF x Near_LoA	-10,0660365	0,136	0,300
CHR4	15308283	CHR4:15308283	SSF x Near_LoA	-8,79342892	0,027	0,308
CHR4	15308381	CHR4:15308381	SSF x Near_LoA	-9,6524549	0,086	0,307
CHR4	15308394	CHR4:15308394	SSF x Near_LoA	-8,12933973	0,156	0,312
CHR4	15308432	CHR4:15308432	SSF x Near_LoA	-8,33010211	0,046	0,318
CHR4	15308481	CHR4:15308481	SSF x Near_LoA	-8,96572926	-0,046	0,310
CHR4	15313306	CHR4:15313306	SSF x Near_LoA	-11,4133953	-0,045	0,298
CHR4	15313322	CHR4:15313322	SSF x Near_LoA	-11,5849618	-0,019	0,311
CHR4	15313390	CHR4:15313390	SSF x Near_LoA	-9,63333355	-0,013	0,317
CHR4	15313391	CHR4:15313391	SSF x Near_LoA	-6,22555879	-0,018	0,310
CHR4	15313430	CHR4:15313430	SSF x Near_LoA	-9,44111601	-0,027	0,319
CHR4	15316257	CHR4:15316257	SSF x Near_LoA	-11,8304872	0,011	0,309
CHR4	15316364	CHR4:15316364	SSF x Near_LoA	-9,15847316	-0,011	0,316
CHR4	15321515	CHR4:15321515	SSF x Near_LoA	-10,7682217	-0,104	0,309
CHR4	15327982	CHR4:15327982	SSF x Near_LoA	-9,33051483	-0,027	0,315
CHR4	15334886	CHR4:15334886	SSF x Near_LoA	-6,06278614	-0,061	0,315
CHR4	15346350	CHR4:15346350	SSF x Near_LoA	-9,12689504	0,026	0,305
CHR4	15373269	CHR4:15373269	SSF x Near_LoA	-8,58781977	-0,045	0,322
CHR4	15373356	CHR4:15373356	SSF x Near_LoA	-10,6523737	0,056	0,317
CHR4	15373364	CHR4:15373364	SSF x Near_LoA	-8,28038588	-0,091	0,301
CHR4	15373384	CHR4:15373384	SSF x Near_LoA	-10,29367	-0,059	0,300

CHR4	15373385	CHR4:15373385	SSF x Near_LoA	-8,43660781	-0,130	0,319
CHR4	15393840	CHR4:15393840	SSF x Near_LoA	-10,2871659	0,080	0,309
CHR4	15393912	CHR4:15393912	SSF x Near_LoA	-11,3068349	-0,036	0,303
CHR4	15404989	CHR4:15404989	SSF x Near_LoA	-11,132025	-0,073	0,311
CHR4	15416323	CHR4:15416323	SSF x Near_LoA	-10,1097115	0,098	0,304
CHR4	15417981	CHR4:15417981	SSF x Near_LoA	-7,65926189	-0,128	0,308
CHR4	15446043	CHR4:15446043	SSF x Near_LoA	-11,4019281	0,024	0,312
CHR4	15449581	CHR4:15449581	SSF x Near_LoA	-11,0807182	0,005	0,303
CHR4	15455514	CHR4:15455514	SSF x Near_LoA	-9,48446646	-0,075	0,297
CHR4	15455575	CHR4:15455575	SSF x Near_LoA	-10,6213015	0,065	0,306
CHR4	15455577	CHR4:15455577	SSF x Near_LoA	-6,85120181	-0,037	0,320
CHR4	15455630	CHR4:15455630	SSF x Near_LoA	-9,0435041	-0,018	0,316
CHR4	15461219	CHR4:15461219	SSF x Near_LoA	-9,34722603	-0,034	0,298
CHR4	15461366	CHR4:15461366	SSF x Near_LoA	-10,5102283	0,049	0,317
CHR4	15467607	CHR4:15467607	SSF x Near_LoA	-7,71479684	0,109	0,303
CHR4	1546976	CHR4:1546976	SSF x Near_LoA	-8,35641893	-0,083	0,298
CHR4	1547012	CHR4:1547012	SSF x Near_LoA	-9,98779281	-0,086	0,316
CHR4	1547021	CHR4:1547021	SSF x Near_LoA	-9,17230813	0,009	0,306
CHR4	15472451	CHR4:15472451	SSF x Near_LoA	-8,92264215	0,028	0,322
CHR4	15472563	CHR4:15472563	SSF x Near_LoA	-9,35536137	-0,034	0,317
CHR4	15472571	CHR4:15472571	SSF x Near_LoA	-9,43749893	0,009	0,305
CHR4	15472634	CHR4:15472634	SSF x Near_LoA	-9,51698831	0,082	0,305
CHR4	15476530	CHR4:15476530	SSF x Near_LoA	-6,50484131	0,110	0,285
CHR4	15476591	CHR4:15476591	SSF x Near_LoA	-9,24292575	0,037	0,302
CHR4	15489906	CHR4:15489906	SSF x Near_LoA	-7,44651661	-0,040	0,312
CHR4	15497422	CHR4:15497422	SSF x Near_LoA	-9,40506669	0,026	0,308
CHR4	15497442	CHR4:15497442	SSF x Near_LoA	-8,76961237	0,038	0,314
CHR4	15497492	CHR4:15497492	SSF x Near_LoA	-11,0134777	-0,001	0,297
CHR4	15500065	CHR4:15500065	SSF x Near_LoA	-10,3893043	-0,016	0,304
CHR4	15503653	CHR4:15503653	SSF x Near_LoA	-6,4988665	0,015	0,322
CHR4	15506194	CHR4:15506194	SSF x Near_LoA	-8,51000062	0,047	0,300
CHR4	15506300	CHR4:15506300	SSF x Near_LoA	-9,80924391	0,008	0,301
CHR4	15511236	CHR4:15511236	SSF x Near_LoA	-10,5205626	0,040	0,304
CHR4	15518594	CHR4:15518594	SSF x Near_LoA	-9,47892449	0,053	0,314
CHR4	15518650	CHR4:15518650	SSF x Near_LoA	-9,07641187	0,020	0,320
CHR4	15518684	CHR4:15518684	SSF x Near_LoA	-7,30857353	0,090	0,320
CHR4	15518695	CHR4:15518695	SSF x Near_LoA	-9,81277309	-0,021	0,301
CHR4	15518724	CHR4:15518724	SSF x Near_LoA	-8,14742236	0,112	0,306
CHR4	15521638	CHR4:15521638	SSF x Near_LoA	-7,74174817	-0,086	0,290
CHR4	15521657	CHR4:15521657	SSF x Near_LoA	-8,84687246	-0,092	0,311
CHR4	15521684	CHR4:15521684	SSF x Near_LoA	-9,18644992	0,086	0,302
CHR4	15521721	CHR4:15521721	SSF x Near_LoA	-9,22651151	0,064	0,305
CHR4	15529129	CHR4:15529129	SSF x Near_LoA	-3,25764843	-0,150	0,316
CHR4	15529143	CHR4:15529143	SSF x Near_LoA	-4,62555456	-0,115	0,293
CHR4	15529159	CHR4:15529159	SSF x Near_LoA	-10,1964692	0,070	0,304
CHR4	15529233	CHR4:15529233	SSF x Near_LoA	-7,32831168	-0,168	0,317
CHR4	15529271	CHR4:15529271	SSF x Near_LoA	-12,3537677	0,038	0,305
CHR4	15529304	CHR4:15529304	SSF x Near_LoA	-7,69137146	-0,062	0,312
CHR4	15529328	CHR4:15529328	SSF x Near_LoA	-10,6552148	-0,083	0,292
CHR4	15540571	CHR4:15540571	SSF x Near_LoA	-9,4142761	0,040	0,325
CHR4	15540600	CHR4:15540600	SSF x Near_LoA	-8,69251474	0,037	0,313
CHR4	15542262	CHR4:15542262	SSF x Near_LoA	-8,42921135	0,069	0,319
CHR4	15542386	CHR4:15542386	SSF x Near_LoA	-9,19251261	0,131	0,304

CHR4	15542512	CHR4:15542512	SSF x Near_LoA	-8,50712548	-0,135	0,305
CHR4	15544052	CHR4:15544052	SSF x Near_LoA	-9,26419116	-0,022	0,294
CHR4	15544073	CHR4:15544073	SSF x Near_LoA	-2,41378359	0,054	0,300
CHR4	15544076	CHR4:15544076	SSF x Near_LoA	-10,8220022	0,070	0,303
CHR4	15544101	CHR4:15544101	SSF x Near_LoA	-9,02492373	0,087	0,296
CHR4	15544179	CHR4:15544179	SSF x Near_LoA	-7,72432966	0,127	0,310
CHR4	15544264	CHR4:15544264	SSF x Near_LoA	-4,34195066	-0,058	0,309
CHR4	15544265	CHR4:15544265	SSF x Near_LoA	-9,03695198	-0,038	0,293
CHR4	15544279	CHR4:15544279	SSF x Near_LoA	-8,06628629	0,031	0,308
CHR4	15544290	CHR4:15544290	SSF x Near_LoA	-9,05902177	-0,049	0,303
CHR4	15563118	CHR4:15563118	SSF x Near_LoA	-7,29858332	-0,073	0,301
CHR4	15563151	CHR4:15563151	SSF x Near_LoA	-8,22369767	0,084	0,308
CHR4	15564429	CHR4:15564429	SSF x Near_LoA	-6,65359717	-0,121	0,320
CHR4	15564439	CHR4:15564439	SSF x Near_LoA	-10,4977377	0,054	0,310
CHR4	15564514	CHR4:15564514	SSF x Near_LoA	-10,4478688	0,046	0,300
CHR4	15564518	CHR4:15564518	SSF x Near_LoA	-8,51338651	0,069	0,313
CHR4	15575534	CHR4:15575534	SSF x Near_LoA	-8,85289671	-0,048	0,303
CHR4	15575703	CHR4:15575703	SSF x Near_LoA	-9,68680661	-0,031	0,290
CHR4	15575768	CHR4:15575768	SSF x Near_LoA	-7,80952154	0,031	0,313
CHR4	15586236	CHR4:15586236	SSF x Near_LoA	-8,15841734	-0,086	0,296
CHR4	15586238	CHR4:15586238	SSF x Near_LoA	-5,58727464	-0,115	0,300
CHR4	15586258	CHR4:15586258	SSF x Near_LoA	-10,3999168	-0,078	0,316
CHR4	15586302	CHR4:15586302	SSF x Near_LoA	-8,93917542	0,006	0,305
CHR4	1559016	CHR4:1559016	SSF x Near_LoA	-10,713842	-0,087	0,308
CHR4	15591144	CHR4:15591144	SSF x Near_LoA	-4,61980776	0,003	0,318
CHR4	15591192	CHR4:15591192	SSF x Near_LoA	-8,01093565	0,067	0,303
CHR4	15591194	CHR4:15591194	SSF x Near_LoA	-11,3799543	0,003	0,299
CHR4	15603016	CHR4:15603016	SSF x Near_LoA	-12,2898261	-0,035	0,310
CHR4	15603268	CHR4:15603268	SSF x Near_LoA	-5,80773429	-0,060	0,313
CHR4	15606071	CHR4:15606071	SSF x Near_LoA	-10,669682	0,023	0,316
CHR4	15606183	CHR4:15606183	SSF x Near_LoA	-9,18940732	-0,014	0,305
CHR4	15609791	CHR4:15609791	SSF x Near_LoA	-7,43714905	0,046	0,303
CHR4	15609876	CHR4:15609876	SSF x Near_LoA	-9,72165266	-0,056	0,308
CHR4	1561021	CHR4:1561021	SSF x Near_LoA	-9,72341339	0,083	0,292
CHR4	1561033	CHR4:1561033	SSF x Near_LoA	-8,86088081	-0,068	0,306
CHR4	1561074	CHR4:1561074	SSF x Near_LoA	-8,37947267	0,040	0,307
CHR4	1561080	CHR4:1561080	SSF x Near_LoA	-11,5302047	-0,007	0,306
CHR4	15622196	CHR4:15622196	SSF x Near_LoA	-8,63123665	0,077	0,307
CHR4	15622274	CHR4:15622274	SSF x Near_LoA	-10,8298409	0,063	0,311
CHR4	15639231	CHR4:15639231	SSF x Near_LoA	-10,7025273	-0,014	0,306
CHR4	15639381	CHR4:15639381	SSF x Near_LoA	-7,72244826	-0,105	0,310
CHR4	15639473	CHR4:15639473	SSF x Near_LoA	-8,08871643	0,067	0,324
CHR4	1564057	CHR4:1564057	SSF x Near_LoA	-11,083207	0,014	0,325
CHR4	1564059	CHR4:1564059	SSF x Near_LoA	-8,33329003	-0,176	0,293
CHR4	1564065	CHR4:1564065	SSF x Near_LoA	-10,8947629	-0,092	0,304
CHR4	1564091	CHR4:1564091	SSF x Near_LoA	-6,30543558	-0,085	0,319
CHR4	1564146	CHR4:1564146	SSF x Near_LoA	-7,27617273	-0,165	0,302
CHR4	1564160	CHR4:1564160	SSF x Near_LoA	4,55016092	-0,146	0,306
CHR4	1564223	CHR4:1564223	SSF x Near_LoA	-8,59715779	0,136	0,293
CHR4	1564249	CHR4:1564249	SSF x Near_LoA	-8,69855868	0,105	0,293
CHR4	15649217	CHR4:15649217	SSF x Near_LoA	-10,1090209	-0,002	0,304
CHR4	1567200	CHR4:1567200	SSF x Near_LoA	-4,18179567	-0,022	0,321
CHR4	1567241	CHR4:1567241	SSF x Near_LoA	-8,96278872	0,005	0,326

CHR4	15677765	CHR4:15677765	SSF x Near_LoA	-8,52428198	0,023	0,307
CHR4	15677773	CHR4:15677773	SSF x Near_LoA	-10,8445199	0,000	0,316
CHR4	15677818	CHR4:15677818	SSF x Near_LoA	-10,7971899	0,025	0,314
CHR4	15677828	CHR4:15677828	SSF x Near_LoA	-7,31521166	0,090	0,314
CHR4	15679030	CHR4:15679030	SSF x Near_LoA	-8,61299221	-0,071	0,303
CHR4	15679035	CHR4:15679035	SSF x Near_LoA	-11,3887685	0,050	0,301
CHR4	15679080	CHR4:15679080	SSF x Near_LoA	-7,2738793	-0,127	0,301
CHR4	15680636	CHR4:15680636	SSF x Near_LoA	-9,73729094	-0,105	0,310
CHR4	15680745	CHR4:15680745	SSF x Near_LoA	-9,40007142	-0,011	0,304
CHR4	15682490	CHR4:15682490	SSF x Near_LoA	-10,5012881	0,058	0,321
CHR4	15689054	CHR4:15689054	SSF x Near_LoA	-7,80239537	-0,113	0,299
CHR4	15689070	CHR4:15689070	SSF x Near_LoA	-10,3284567	0,059	0,294
CHR4	15689090	CHR4:15689090	SSF x Near_LoA	-10,31479	0,081	0,303
CHR4	1569125	CHR4:1569125	SSF x Near_LoA	-8,02622407	0,035	0,305
CHR4	1569127	CHR4:1569127	SSF x Near_LoA	-7,05534363	-0,005	0,308
CHR4	15702816	CHR4:15702816	SSF x Near_LoA	-9,10293581	-0,079	0,306
CHR4	15702883	CHR4:15702883	SSF x Near_LoA	-7,06911671	-0,040	0,308
CHR4	15702905	CHR4:15702905	SSF x Near_LoA	-10,0412101	-0,130	0,299
CHR4	15702922	CHR4:15702922	SSF x Near_LoA	-8,63594323	-0,120	0,311
CHR4	15702962	CHR4:15702962	SSF x Near_LoA	-11,0467358	0,025	0,305
CHR4	15703076	CHR4:15703076	SSF x Near_LoA	-11,4484025	-0,133	0,294
CHR4	15703081	CHR4:15703081	SSF x Near_LoA	-6,91707521	-0,120	0,299
CHR4	15714082	CHR4:15714082	SSF x Near_LoA	-9,84437724	-0,084	0,298
CHR4	15716585	CHR4:15716585	SSF x Near_LoA	-10,7120665	0,027	0,303
CHR4	15716698	CHR4:15716698	SSF x Near_LoA	-2,86135217	0,140	0,306
CHR4	15716714	CHR4:15716714	SSF x Near_LoA	-9,93572552	0,097	0,306
CHR4	15716824	CHR4:15716824	SSF x Near_LoA	-9,47031576	-0,011	0,307
CHR4	15723235	CHR4:15723235	SSF x Near_LoA	-9,98415905	0,070	0,313
CHR4	15724548	CHR4:15724548	SSF x Near_LoA	-8,22681834	-0,068	0,307
CHR4	15724676	CHR4:15724676	SSF x Near_LoA	-8,53430186	-0,067	0,310
CHR4	15724738	CHR4:15724738	SSF x Near_LoA	-10,5333327	-0,085	0,298
CHR4	15730663	CHR4:15730663	SSF x Near_LoA	-10,8534001	-0,048	0,316
CHR4	15732074	CHR4:15732074	SSF x Near_LoA	-8,40030469	-0,011	0,315
CHR4	15741359	CHR4:15741359	SSF x Near_LoA	-10,541546	0,109	0,303
CHR4	15752837	CHR4:15752837	SSF x Near_LoA	3,08399242	-0,092	0,314
CHR4	15764899	CHR4:15764899	SSF x Near_LoA	-7,91431523	0,000	0,315
CHR4	15764904	CHR4:15764904	SSF x Near_LoA	-10,2449668	0,041	0,299
CHR4	15764912	CHR4:15764912	SSF x Near_LoA	-9,24361041	0,026	0,303
CHR4	15764951	CHR4:15764951	SSF x Near_LoA	-8,94527946	0,008	0,312
CHR4	15767067	CHR4:15767067	SSF x Near_LoA	-1,18651635	0,145	0,303
CHR4	15772651	CHR4:15772651	SSF x Near_LoA	-11,5434935	0,052	0,320
CHR4	15772656	CHR4:15772656	SSF x Near_LoA	-9,69151096	0,072	0,291
CHR4	15772678	CHR4:15772678	SSF x Near_LoA	-10,0834514	-0,087	0,297
CHR4	15774446	CHR4:15774446	SSF x Near_LoA	-7,03753117	0,121	0,297
CHR4	15774539	CHR4:15774539	SSF x Near_LoA	-9,64957933	-0,097	0,285
CHR4	15786659	CHR4:15786659	SSF x Near_LoA	-9,91879772	-0,070	0,316
CHR4	15786664	CHR4:15786664	SSF x Near_LoA	-7,18964237	0,137	0,299
CHR4	15789567	CHR4:15789567	SSF x Near_LoA	-9,76982704	0,113	0,307
CHR4	15789665	CHR4:15789665	SSF x Near_LoA	-9,38970439	-0,002	0,309
CHR4	15789674	CHR4:15789674	SSF x Near_LoA	-8,48340694	0,014	0,324
CHR4	15789696	CHR4:15789696	SSF x Near_LoA	-7,86265817	-0,121	0,314
CHR4	15789719	CHR4:15789719	SSF x Near_LoA	-9,86747159	0,022	0,312
CHR4	15789727	CHR4:15789727	SSF x Near_LoA	-10,0965216	-0,085	0,311

CHR4	15789759	CHR4:15789759	SSF x Near_LoA	-10,0021142	-0,035	0,304
CHR4	15789782	CHR4:15789782	SSF x Near_LoA	-10,3607123	0,041	0,306
CHR4	15793114	CHR4:15793114	SSF x Near_LoA	-5,99242743	-0,159	0,288
CHR4	15793121	CHR4:15793121	SSF x Near_LoA	-10,4693933	0,065	0,313
CHR4	15793207	CHR4:15793207	SSF x Near_LoA	-8,74890002	0,109	0,305
CHR4	15793224	CHR4:15793224	SSF x Near_LoA	-9,33448549	-0,076	0,308
CHR4	15793242	CHR4:15793242	SSF x Near_LoA	-8,63754622	-0,064	0,311
CHR4	15793270	CHR4:15793270	SSF x Near_LoA	-9,3629853	0,076	0,309
CHR4	15800168	CHR4:15800168	SSF x Near_LoA	-9,20383143	0,090	0,315
CHR4	15800253	CHR4:15800253	SSF x Near_LoA	-8,02502347	0,104	0,300
CHR4	15810846	CHR4:15810846	SSF x Near_LoA	-8,87739312	0,010	0,308
CHR4	15811117	CHR4:15811117	SSF x Near_LoA	-9,99983155	-0,109	0,299
CHR4	1581399	CHR4:1581399	SSF x Near_LoA	-11,7250193	0,017	0,313
CHR4	1581457	CHR4:1581457	SSF x Near_LoA	-8,5537013	-0,072	0,323
CHR4	15826854	CHR4:15826854	SSF x Near_LoA	-9,31363287	0,076	0,298
CHR4	15831243	CHR4:15831243	SSF x Near_LoA	-10,2918934	0,098	0,311
CHR4	15831258	CHR4:15831258	SSF x Near_LoA	-10,5208311	-0,075	0,308
CHR4	15831279	CHR4:15831279	SSF x Near_LoA	-5,31261208	0,055	0,297
CHR4	15831292	CHR4:15831292	SSF x Near_LoA	-10,5746888	0,027	0,315
CHR4	15831302	CHR4:15831302	SSF x Near_LoA	-9,97841618	-0,008	0,297
CHR4	15841853	CHR4:15841853	SSF x Near_LoA	-10,3101373	0,089	0,283
CHR4	15841862	CHR4:15841862	SSF x Near_LoA	-5,78935182	0,117	0,291
CHR4	15841903	CHR4:15841903	SSF x Near_LoA	-9,63964069	0,087	0,298
CHR4	15841908	CHR4:15841908	SSF x Near_LoA	-7,09806097	-0,034	0,307
CHR4	15841931	CHR4:15841931	SSF x Near_LoA	-5,19160161	0,043	0,306
CHR4	15842004	CHR4:15842004	SSF x Near_LoA	-10,4085425	0,090	0,299
CHR4	15850459	CHR4:15850459	SSF x Near_LoA	-10,8893929	-0,034	0,323
CHR4	15876719	CHR4:15876719	SSF x Near_LoA	-9,18646504	-0,040	0,307
CHR4	15876781	CHR4:15876781	SSF x Near_LoA	-7,38257854	-0,019	0,309
CHR4	15877177	CHR4:15877177	SSF x Near_LoA	-11,7659423	-0,114	0,303
CHR4	15886797	CHR4:15886797	SSF x Near_LoA	-7,36411487	-0,103	0,328
CHR4	15886828	CHR4:15886828	SSF x Near_LoA	-8,3145202	0,120	0,287
CHR4	15886831	CHR4:15886831	SSF x Near_LoA	-7,70041165	0,107	0,303
CHR4	15886835	CHR4:15886835	SSF x Near_LoA	-7,83680047	0,132	0,302
CHR4	15886854	CHR4:15886854	SSF x Near_LoA	-7,82134453	0,132	0,296
CHR4	15886868	CHR4:15886868	SSF x Near_LoA	-9,79819354	0,029	0,306
CHR4	15888259	CHR4:15888259	SSF x Near_LoA	-5,89648581	-0,135	0,302
CHR4	15888281	CHR4:15888281	SSF x Near_LoA	-11,8608259	0,012	0,305
CHR4	1589283	CHR4:1589283	SSF x Near_LoA	-11,1452211	-0,010	0,299
CHR4	1589308	CHR4:1589308	SSF x Near_LoA	-8,27043385	-0,087	0,305
CHR4	1589351	CHR4:1589351	SSF x Near_LoA	-11,5004481	0,005	0,307
CHR4	1590677	CHR4:1590677	SSF x Near_LoA	-9,94118695	0,030	0,299
CHR4	1590717	CHR4:1590717	SSF x Near_LoA	-11,2523174	-0,029	0,297
CHR4	1590752	CHR4:1590752	SSF x Near_LoA	-8,44598463	-0,136	0,301
CHR4	1590780	CHR4:1590780	SSF x Near_LoA	-6,56339664	0,040	0,291
CHR4	1590809	CHR4:1590809	SSF x Near_LoA	-6,4496772	0,060	0,290
CHR4	15911330	CHR4:15911330	SSF x Near_LoA	-10,0935891	-0,093	0,291
CHR4	15924265	CHR4:15924265	SSF x Near_LoA	-10,948432	0,011	0,300
CHR4	15924272	CHR4:15924272	SSF x Near_LoA	-10,7335132	-0,009	0,311
CHR4	15937360	CHR4:15937360	SSF x Near_LoA	-7,95550621	0,134	0,303
CHR4	15937384	CHR4:15937384	SSF x Near_LoA	-9,47131744	0,057	0,299
CHR4	15937844	CHR4:15937844	SSF x Near_LoA	-11,5527676	-0,059	0,296
CHR4	15979144	CHR4:15979144	SSF x Near_LoA	-4,83646714	0,159	0,301

CHR4	15979169	CHR4:15979169	SSF x Near_LoA	-10,8910195	-0,013	0,304
CHR4	15979180	CHR4:15979180	SSF x Near_LoA	-8,75785582	-0,127	0,300
CHR4	15994897	CHR4:15994897	SSF x Near_LoA	-9,31987435	0,091	0,303
CHR4	16002195	CHR4:16002195	SSF x Near_LoA	-10,1149523	-0,082	0,305
CHR4	16002196	CHR4:16002196	SSF x Near_LoA	-8,33269914	-0,073	0,311
CHR4	16002362	CHR4:16002362	SSF x Near_LoA	-10,9211455	0,015	0,306
CHR4	1600441	CHR4:1600441	SSF x Near_LoA	-6,90790235	-0,150	0,301
CHR4	1600474	CHR4:1600474	SSF x Near_LoA	-9,11991383	0,075	0,309
CHR4	1600512	CHR4:1600512	SSF x Near_LoA	-10,5988531	-0,026	0,310
CHR4	1600530	CHR4:1600530	SSF x Near_LoA	-9,45119997	-0,135	0,318
CHR4	1600581	CHR4:1600581	SSF x Near_LoA	-9,18005006	-0,094	0,297
CHR4	1600700	CHR4:1600700	SSF x Near_LoA	-6,17363126	0,107	0,306
CHR4	1600719	CHR4:1600719	SSF x Near_LoA	-10,4331529	0,063	0,305
CHR4	1600748	CHR4:1600748	SSF x Near_LoA	-7,35522953	-0,220	0,306
CHR4	16014302	CHR4:16014302	SSF x Near_LoA	-10,2780242	0,037	0,294
CHR4	16015407	CHR4:16015407	SSF x Near_LoA	-5,74525267	0,088	0,318
CHR4	16018847	CHR4:16018847	SSF x Near_LoA	-9,33661263	-0,006	0,309
CHR4	1602023	CHR4:1602023	SSF x Near_LoA	-9,8936414	0,014	0,308
CHR4	1602037	CHR4:1602037	SSF x Near_LoA	-11,254612	0,001	0,314
CHR4	1602072	CHR4:1602072	SSF x Near_LoA	-12,1171985	-0,051	0,293
CHR4	16020800	CHR4:16020800	SSF x Near_LoA	-8,20761329	0,113	0,315
CHR4	16020823	CHR4:16020823	SSF x Near_LoA	-7,78808851	-0,058	0,307
CHR4	16020969	CHR4:16020969	SSF x Near_LoA	-9,3768315	-0,033	0,300
CHR4	16020975	CHR4:16020975	SSF x Near_LoA	-8,75647657	0,131	0,281
CHR4	1602108	CHR4:1602108	SSF x Near_LoA	-10,8335824	-0,027	0,316
CHR4	1602207	CHR4:1602207	SSF x Near_LoA	-6,47663406	0,140	0,306
CHR4	16022603	CHR4:16022603	SSF x Near_LoA	-8,2163009	-0,040	0,325
CHR4	16022770	CHR4:16022770	SSF x Near_LoA	-9,74859625	0,020	0,314
CHR4	16026485	CHR4:16026485	SSF x Near_LoA	-9,3579112	0,011	0,305
CHR4	16026508	CHR4:16026508	SSF x Near_LoA	-9,32091383	0,004	0,316
CHR4	16027398	CHR4:16027398	SSF x Near_LoA	-10,8822829	-0,019	0,310
CHR4	16027441	CHR4:16027441	SSF x Near_LoA	-9,25615538	0,097	0,311
CHR4	16027447	CHR4:16027447	SSF x Near_LoA	-7,83862763	0,052	0,305
CHR4	16027455	CHR4:16027455	SSF x Near_LoA	-9,1582281	-0,025	0,311
CHR4	16031157	CHR4:16031157	SSF x Near_LoA	-8,5030174	0,048	0,301
CHR4	16042948	CHR4:16042948	SSF x Near_LoA	-4,43809193	-0,140	0,309
CHR4	1605513	CHR4:1605513	SSF x Near_LoA	-9,41193684	0,017	0,311
CHR4	1605516	CHR4:1605516	SSF x Near_LoA	-8,66367086	0,102	0,313
CHR4	16056239	CHR4:16056239	SSF x Near_LoA	-11,5705353	-0,031	0,306
CHR4	1605678	CHR4:1605678	SSF x Near_LoA	-11,5500118	-0,056	0,315
CHR4	16067835	CHR4:16067835	SSF x Near_LoA	-10,7360582	0,039	0,316
CHR4	16067868	CHR4:16067868	SSF x Near_LoA	-10,0397817	-0,002	0,308
CHR4	16067908	CHR4:16067908	SSF x Near_LoA	-9,68191058	0,027	0,306
CHR4	1608282	CHR4:1608282	SSF x Near_LoA	-7,9229165	-0,094	0,317
CHR4	16085560	CHR4:16085560	SSF x Near_LoA	-9,16858003	0,053	0,313
CHR4	16095101	CHR4:16095101	SSF x Near_LoA	-0,52243192	0,187	0,297
CHR4	16095161	CHR4:16095161	SSF x Near_LoA	1,11762774	-0,103	0,293
CHR4	16095196	CHR4:16095196	SSF x Near_LoA	-4,10692272	-0,170	0,290
CHR4	16095248	CHR4:16095248	SSF x Near_LoA	-9,69590719	0,130	0,298
CHR4	16099978	CHR4:16099978	SSF x Near_LoA	-9,51974091	-0,004	0,296
CHR4	16103475	CHR4:16103475	SSF x Near_LoA	-9,57600942	-0,047	0,306
CHR4	16103529	CHR4:16103529	SSF x Near_LoA	-11,0920081	-0,038	0,296
CHR4	1610933	CHR4:1610933	SSF x Near_LoA	-7,17958609	-0,164	0,302

CHR4	1610953	CHR4:1610953	SSF x Near_LoA	-7,16539715	-0,191	0,288
CHR4	16114402	CHR4:16114402	SSF x Near_LoA	-10,8711826	0,004	0,300
CHR4	16114559	CHR4:16114559	SSF x Near_LoA	-10,1841802	-0,058	0,301
CHR4	16114565	CHR4:16114565	SSF x Near_LoA	-8,50987152	-0,041	0,303
CHR4	16114595	CHR4:16114595	SSF x Near_LoA	-10,8165125	-0,006	0,304
CHR4	16118075	CHR4:16118075	SSF x Near_LoA	-12,0926784	-0,026	0,297
CHR4	16118128	CHR4:16118128	SSF x Near_LoA	-7,80240698	0,010	0,309
CHR4	16118452	CHR4:16118452	SSF x Near_LoA	-10,0976024	0,019	0,309
CHR4	16118471	CHR4:16118471	SSF x Near_LoA	-10,057495	0,044	0,296
CHR4	16118488	CHR4:16118488	SSF x Near_LoA	-6,96069847	0,079	0,293
CHR4	16118500	CHR4:16118500	SSF x Near_LoA	-10,7713597	0,048	0,307
CHR4	16118549	CHR4:16118549	SSF x Near_LoA	-11,1809987	-0,027	0,302
CHR4	16123169	CHR4:16123169	SSF x Near_LoA	-9,18222543	0,049	0,300
CHR4	16123185	CHR4:16123185	SSF x Near_LoA	-9,62243035	0,112	0,311
CHR4	16123260	CHR4:16123260	SSF x Near_LoA	-1,93283393	0,156	0,304
CHR4	16124279	CHR4:16124279	SSF x Near_LoA	-10,4575431	0,027	0,316
CHR4	16132202	CHR4:16132202	SSF x Near_LoA	-8,7950733	-0,090	0,313
CHR4	16143144	CHR4:16143144	SSF x Near_LoA	-10,1216433	-0,064	0,310
CHR4	16143168	CHR4:16143168	SSF x Near_LoA	-11,1694554	-0,064	0,315
CHR4	16143176	CHR4:16143176	SSF x Near_LoA	-11,0407053	-0,064	0,305
CHR4	16143203	CHR4:16143203	SSF x Near_LoA	-10,4193076	-0,060	0,314
CHR4	16143204	CHR4:16143204	SSF x Near_LoA	-10,8068731	-0,086	0,310
CHR4	16143790	CHR4:16143790	SSF x Near_LoA	-8,87847798	0,042	0,305
CHR4	1615607	CHR4:1615607	SSF x Near_LoA	-11,4321051	0,042	0,310
CHR4	1615630	CHR4:1615630	SSF x Near_LoA	-8,73876655	-0,105	0,309
CHR4	1615651	CHR4:1615651	SSF x Near_LoA	-9,33915631	-0,035	0,301
CHR4	1615657	CHR4:1615657	SSF x Near_LoA	-9,42579281	-0,041	0,304
CHR4	1617216	CHR4:1617216	SSF x Near_LoA	-6,93839794	-0,081	0,295
CHR4	16174224	CHR4:16174224	SSF x Near_LoA	-10,1600523	0,042	0,299
CHR4	16190900	CHR4:16190900	SSF x Near_LoA	-7,55361855	-0,096	0,310
CHR4	16194571	CHR4:16194571	SSF x Near_LoA	-8,58760858	0,090	0,306
CHR4	16194752	CHR4:16194752	SSF x Near_LoA	-11,8367202	-0,068	0,296
CHR4	16194782	CHR4:16194782	SSF x Near_LoA	-10,0087222	0,050	0,320
CHR4	16194787	CHR4:16194787	SSF x Near_LoA	-10,5487029	-0,014	0,307
CHR4	16196233	CHR4:16196233	SSF x Near_LoA	-10,2701004	-0,019	0,318
CHR4	1619833	CHR4:1619833	SSF x Near_LoA	-7,9808473	-0,078	0,313
CHR4	1619948	CHR4:1619948	SSF x Near_LoA	-9,72616571	-0,012	0,311
CHR4	1619957	CHR4:1619957	SSF x Near_LoA	-10,3018276	0,013	0,309
CHR4	16213237	CHR4:16213237	SSF x Near_LoA	-7,81362492	-0,099	0,313
CHR4	16213338	CHR4:16213338	SSF x Near_LoA	-9,53818766	-0,144	0,300
CHR4	16221478	CHR4:16221478	SSF x Near_LoA	-8,42218663	0,089	0,314
CHR4	16221491	CHR4:16221491	SSF x Near_LoA	-8,94662381	-0,004	0,312
CHR4	16250490	CHR4:16250490	SSF x Near_LoA	-9,32646145	-0,146	0,307
CHR4	16250501	CHR4:16250501	SSF x Near_LoA	-11,3493078	-0,004	0,307
CHR4	16250599	CHR4:16250599	SSF x Near_LoA	-8,77117171	0,047	0,315
CHR4	16250608	CHR4:16250608	SSF x Near_LoA	-9,49769907	-0,070	0,297
CHR4	16250638	CHR4:16250638	SSF x Near_LoA	-9,09620701	-0,138	0,303
CHR4	16250732	CHR4:16250732	SSF x Near_LoA	-8,04711338	-0,086	0,310
CHR4	16261518	CHR4:16261518	SSF x Near_LoA	-8,57618666	-0,066	0,304
CHR4	16261573	CHR4:16261573	SSF x Near_LoA	-11,1733051	-0,031	0,300
CHR4	16277589	CHR4:16277589	SSF x Near_LoA	-8,09415421	-0,065	0,305
CHR4	16277691	CHR4:16277691	SSF x Near_LoA	-10,960457	-0,044	0,330
CHR4	16310649	CHR4:16310649	SSF x Near_LoA	-7,94612013	-0,054	0,302

CHR4	16310669	CHR4:16310669	SSF x Near_LoA	-7,93698254	-0,087	0,294
CHR4	16315519	CHR4:16315519	SSF x Near_LoA	-7,09952869	0,159	0,303
CHR4	16315570	CHR4:16315570	SSF x Near_LoA	-9,1954356	-0,059	0,322
CHR4	16315609	CHR4:16315609	SSF x Near_LoA	-9,88509173	-0,099	0,314
CHR4	16315638	CHR4:16315638	SSF x Near_LoA	-10,420723	-0,021	0,328
CHR4	16315639	CHR4:16315639	SSF x Near_LoA	-8,58844709	-0,062	0,310
CHR4	16315701	CHR4:16315701	SSF x Near_LoA	-9,25786906	0,021	0,313
CHR4	16315705	CHR4:16315705	SSF x Near_LoA	-9,96393553	-0,114	0,310
CHR4	16317018	CHR4:16317018	SSF x Near_LoA	-10,6297747	0,023	0,300
CHR4	16317134	CHR4:16317134	SSF x Near_LoA	-10,5660639	0,109	0,300
CHR4	16317271	CHR4:16317271	SSF x Near_LoA	-8,46147093	0,076	0,303
CHR4	16335151	CHR4:16335151	SSF x Near_LoA	-10,1676912	0,104	0,305
CHR4	16351948	CHR4:16351948	SSF x Near_LoA	-6,13433505	-0,055	0,317
CHR4	16351962	CHR4:16351962	SSF x Near_LoA	-8,88550634	0,074	0,301
CHR4	16351963	CHR4:16351963	SSF x Near_LoA	-9,01729327	0,051	0,291
CHR4	16351973	CHR4:16351973	SSF x Near_LoA	-9,250724	-0,063	0,297
CHR4	16351975	CHR4:16351975	SSF x Near_LoA	-8,22193088	0,044	0,315
CHR4	16351981	CHR4:16351981	SSF x Near_LoA	-9,28325611	0,031	0,321
CHR4	16352012	CHR4:16352012	SSF x Near_LoA	-8,09949561	-0,121	0,301
CHR4	16352042	CHR4:16352042	SSF x Near_LoA	-6,16120367	0,017	0,333
CHR4	16354130	CHR4:16354130	SSF x Near_LoA	-6,93845451	-0,108	0,291
CHR4	16354176	CHR4:16354176	SSF x Near_LoA	-6,9464977	-0,141	0,290
CHR4	16358526	CHR4:16358526	SSF x Near_LoA	-8,72052001	0,015	0,318
CHR4	16360212	CHR4:16360212	SSF x Near_LoA	-9,20696852	0,001	0,312
CHR4	16360238	CHR4:16360238	SSF x Near_LoA	-4,84432897	0,041	0,321
CHR4	16360262	CHR4:16360262	SSF x Near_LoA	-10,3094942	-0,062	0,310
CHR4	16370212	CHR4:16370212	SSF x Near_LoA	-11,3025763	0,050	0,309
CHR4	16370251	CHR4:16370251	SSF x Near_LoA	2,37540682	0,159	0,300
CHR4	16370319	CHR4:16370319	SSF x Near_LoA	-8,86622858	0,056	0,312
CHR4	16370325	CHR4:16370325	SSF x Near_LoA	-9,41090976	0,014	0,312
CHR4	16405034	CHR4:16405034	SSF x Near_LoA	-9,89680512	-0,005	0,320
CHR4	16429485	CHR4:16429485	SSF x Near_LoA	-8,00340297	0,050	0,301
CHR4	16467664	CHR4:16467664	SSF x Near_LoA	-8,89234702	0,083	0,290
CHR4	16469551	CHR4:16469551	SSF x Near_LoA	-8,17980764	0,051	0,308
CHR4	16469558	CHR4:16469558	SSF x Near_LoA	-11,5991782	-0,035	0,308
CHR4	16469560	CHR4:16469560	SSF x Near_LoA	-11,3066586	-0,057	0,311
CHR4	16469572	CHR4:16469572	SSF x Near_LoA	-9,85512377	-0,015	0,312
CHR4	16469604	CHR4:16469604	SSF x Near_LoA	-10,9984614	0,000	0,312
CHR4	16476259	CHR4:16476259	SSF x Near_LoA	-8,54680752	0,053	0,314
CHR4	16476395	CHR4:16476395	SSF x Near_LoA	-11,5761042	-0,102	0,297
CHR4	16493395	CHR4:16493395	SSF x Near_LoA	-9,57934858	0,145	0,298
CHR4	16493411	CHR4:16493411	SSF x Near_LoA	-5,54265591	0,163	0,304
CHR4	16493447	CHR4:16493447	SSF x Near_LoA	-7,84010512	-0,059	0,310
CHR4	16493457	CHR4:16493457	SSF x Near_LoA	-8,05902421	0,088	0,313
CHR4	16493504	CHR4:16493504	SSF x Near_LoA	7,84496292	0,147	0,305
CHR4	16493610	CHR4:16493610	SSF x Near_LoA	-7,87343195	0,045	0,313
CHR4	16498810	CHR4:16498810	SSF x Near_LoA	-9,24703946	-0,036	0,318
CHR4	16498813	CHR4:16498813	SSF x Near_LoA	-8,60521299	-0,034	0,307
CHR4	16498922	CHR4:16498922	SSF x Near_LoA	-10,2994694	0,032	0,304
CHR4	16499051	CHR4:16499051	SSF x Near_LoA	-7,43162984	-0,086	0,286
CHR4	16501012	CHR4:16501012	SSF x Near_LoA	-9,24252987	0,037	0,306
CHR4	16503852	CHR4:16503852	SSF x Near_LoA	-6,0829634	-0,162	0,302
CHR4	16503925	CHR4:16503925	SSF x Near_LoA	-8,47204529	0,093	0,303

CHR4	16527410	CHR4:16527410	SSF x Near_LoA	-6,42000153	-0,168	0,306
CHR4	16527441	CHR4:16527441	SSF x Near_LoA	-9,72076031	0,021	0,316
CHR4	16531624	CHR4:16531624	SSF x Near_LoA	-11,4909718	-0,029	0,305
CHR4	16546454	CHR4:16546454	SSF x Near_LoA	-6,8031003	0,008	0,314
CHR4	16567711	CHR4:16567711	SSF x Near_LoA	-8,64896338	-0,098	0,304
CHR4	16569600	CHR4:16569600	SSF x Near_LoA	-11,8882621	0,056	0,294
CHR4	16569658	CHR4:16569658	SSF x Near_LoA	-6,82000187	0,124	0,295
CHR4	16578913	CHR4:16578913	SSF x Near_LoA	-11,7394718	-0,047	0,301
CHR4	16578923	CHR4:16578923	SSF x Near_LoA	-10,7667294	-0,022	0,303
CHR4	16581475	CHR4:16581475	SSF x Near_LoA	-9,66548461	0,099	0,303
CHR4	16581476	CHR4:16581476	SSF x Near_LoA	-7,88956294	0,128	0,303
CHR4	16581495	CHR4:16581495	SSF x Near_LoA	-4,79221642	-0,040	0,306
CHR4	16582868	CHR4:16582868	SSF x Near_LoA	-6,98939051	-0,078	0,311
CHR4	16583008	CHR4:16583008	SSF x Near_LoA	-9,43272426	-0,050	0,298
CHR4	16583046	CHR4:16583046	SSF x Near_LoA	-10,9791534	-0,022	0,305
CHR4	16590017	CHR4:16590017	SSF x Near_LoA	-9,58828863	0,161	0,304
CHR4	16590149	CHR4:16590149	SSF x Near_LoA	-7,78841308	0,165	0,304
CHR4	16590153	CHR4:16590153	SSF x Near_LoA	-4,35110379	0,046	0,307
CHR4	16592310	CHR4:16592310	SSF x Near_LoA	-8,8739971	0,036	0,323
CHR4	16599693	CHR4:16599693	SSF x Near_LoA	-8,60949405	-0,076	0,311
CHR4	16607959	CHR4:16607959	SSF x Near_LoA	-9,43298215	0,014	0,302
CHR4	16608020	CHR4:16608020	SSF x Near_LoA	-7,95732589	0,056	0,291
CHR4	16648692	CHR4:16648692	SSF x Near_LoA	-10,9094734	-0,020	0,319
CHR4	16662301	CHR4:16662301	SSF x Near_LoA	-10,3520101	-0,048	0,322
CHR4	16682803	CHR4:16682803	SSF x Near_LoA	-7,89963554	0,093	0,303
CHR4	16717716	CHR4:16717716	SSF x Near_LoA	-10,2796432	-0,047	0,302
CHR4	16724265	CHR4:16724265	SSF x Near_LoA	-7,70189944	-0,019	0,310
CHR4	16724309	CHR4:16724309	SSF x Near_LoA	-12,0274288	-0,033	0,296
CHR4	16724318	CHR4:16724318	SSF x Near_LoA	-10,0544726	-0,010	0,325
CHR4	16724426	CHR4:16724426	SSF x Near_LoA	-9,0109054	-0,037	0,317
CHR4	1672796	CHR4:1672796	SSF x Near_LoA	-6,11533923	0,080	0,300
CHR4	1672819	CHR4:1672819	SSF x Near_LoA	-12,0481306	-0,010	0,294
CHR4	1672891	CHR4:1672891	SSF x Near_LoA	-4,08177016	-0,165	0,295
CHR4	16735753	CHR4:16735753	SSF x Near_LoA	-8,40704002	-0,040	0,313
CHR4	16736794	CHR4:16736794	SSF x Near_LoA	-7,81503694	-0,084	0,310
CHR4	16736830	CHR4:16736830	SSF x Near_LoA	-9,05356963	-0,057	0,312
CHR4	16736839	CHR4:16736839	SSF x Near_LoA	-8,94287421	0,030	0,295
CHR4	16744061	CHR4:16744061	SSF x Near_LoA	-8,76687421	-0,012	0,297
CHR4	16744083	CHR4:16744083	SSF x Near_LoA	-7,58671748	-0,033	0,316
CHR4	16744139	CHR4:16744139	SSF x Near_LoA	-9,52547023	-0,055	0,313
CHR4	16744140	CHR4:16744140	SSF x Near_LoA	-9,91852335	0,004	0,309
CHR4	16744142	CHR4:16744142	SSF x Near_LoA	-10,0860806	0,012	0,309
CHR4	16744182	CHR4:16744182	SSF x Near_LoA	-8,4981451	-0,091	0,306
CHR4	16744192	CHR4:16744192	SSF x Near_LoA	-7,43699131	-0,070	0,307
CHR4	16744225	CHR4:16744225	SSF x Near_LoA	-10,0730113	0,044	0,301
CHR4	16753230	CHR4:16753230	SSF x Near_LoA	-9,39117772	-0,075	0,314
CHR4	16753364	CHR4:16753364	SSF x Near_LoA	-10,7525787	0,086	0,294
CHR4	16753374	CHR4:16753374	SSF x Near_LoA	-6,40120935	0,183	0,299
CHR4	16753382	CHR4:16753382	SSF x Near_LoA	-2,55464753	-0,108	0,303
CHR4	16753414	CHR4:16753414	SSF x Near_LoA	-6,07211401	-0,108	0,318
CHR4	16770962	CHR4:16770962	SSF x Near_LoA	-12,1076356	-0,022	0,299
CHR4	16771098	CHR4:16771098	SSF x Near_LoA	-10,7664504	-0,068	0,317
CHR4	16775009	CHR4:16775009	SSF x Near_LoA	-8,07750737	-0,022	0,310

CHR4	16775016	CHR4:16775016	SSF x Near_LoA	-8,30046082	-0,049	0,327
CHR4	16775031	CHR4:16775031	SSF x Near_LoA	-8,55851277	0,075	0,318
CHR4	16775067	CHR4:16775067	SSF x Near_LoA	-7,73355216	-0,116	0,303
CHR4	16777854	CHR4:16777854	SSF x Near_LoA	-8,81925018	-0,040	0,312
CHR4	16777865	CHR4:16777865	SSF x Near_LoA	-10,9211863	0,074	0,306
CHR4	16777893	CHR4:16777893	SSF x Near_LoA	-8,22543868	0,017	0,307
CHR4	16781003	CHR4:16781003	SSF x Near_LoA	-6,07072698	0,082	0,316
CHR4	16781064	CHR4:16781064	SSF x Near_LoA	-9,35100239	-0,015	0,301
CHR4	16781151	CHR4:16781151	SSF x Near_LoA	-8,53590991	0,035	0,302
CHR4	16781181	CHR4:16781181	SSF x Near_LoA	-9,16874683	0,012	0,309
CHR4	16781183	CHR4:16781183	SSF x Near_LoA	-9,62334633	0,046	0,306
CHR4	16781185	CHR4:16781185	SSF x Near_LoA	-6,71367334	0,005	0,313
CHR4	16781197	CHR4:16781197	SSF x Near_LoA	-11,7354384	0,017	0,295
CHR4	16781204	CHR4:16781204	SSF x Near_LoA	-9,2984397	0,032	0,294
CHR4	16781250	CHR4:16781250	SSF x Near_LoA	-7,98124613	-0,031	0,304
CHR4	16781406	CHR4:16781406	SSF x Near_LoA	-10,7260668	-0,118	0,313
CHR4	16805560	CHR4:16805560	SSF x Near_LoA	-10,882522	0,018	0,314
CHR4	16805715	CHR4:16805715	SSF x Near_LoA	-11,8117255	-0,041	0,296
CHR4	16805764	CHR4:16805764	SSF x Near_LoA	-9,3140278	0,099	0,304
CHR4	16817351	CHR4:16817351	SSF x Near_LoA	-9,32451231	0,016	0,302
CHR4	16820609	CHR4:16820609	SSF x Near_LoA	-8,08046594	0,080	0,311
CHR4	16820660	CHR4:16820660	SSF x Near_LoA	-5,76425652	0,064	0,315
CHR4	16823375	CHR4:16823375	SSF x Near_LoA	-10,7307715	0,019	0,316
CHR4	16823379	CHR4:16823379	SSF x Near_LoA	-8,36341355	0,004	0,298
CHR4	16823651	CHR4:16823651	SSF x Near_LoA	-8,12028915	-0,031	0,313
CHR4	16834785	CHR4:16834785	SSF x Near_LoA	-6,2575936	0,064	0,306
CHR4	16834834	CHR4:16834834	SSF x Near_LoA	-5,64047874	0,155	0,308
CHR4	16834874	CHR4:16834874	SSF x Near_LoA	-9,75005439	0,133	0,310
CHR4	16840223	CHR4:16840223	SSF x Near_LoA	-7,15874445	0,086	0,309
CHR4	16840381	CHR4:16840381	SSF x Near_LoA	-8,9591451	-0,050	0,325
CHR4	16840449	CHR4:16840449	SSF x Near_LoA	-8,28793367	-0,031	0,299
CHR4	16845835	CHR4:16845835	SSF x Near_LoA	-9,07409939	0,025	0,307
CHR4	16853191	CHR4:16853191	SSF x Near_LoA	-9,17776177	0,152	0,306
CHR4	16855	CHR4:16855	SSF x Near_LoA	-11,2394858	0,020	0,312
CHR4	16858639	CHR4:16858639	SSF x Near_LoA	-8,76713709	-0,025	0,296
CHR4	16858673	CHR4:16858673	SSF x Near_LoA	-9,10523461	-0,042	0,304
CHR4	16858687	CHR4:16858687	SSF x Near_LoA	-8,24179178	-0,024	0,307
CHR4	16858851	CHR4:16858851	SSF x Near_LoA	-8,58336407	-0,068	0,306
CHR4	16860453	CHR4:16860453	SSF x Near_LoA	-9,31619907	0,023	0,310
CHR4	16860516	CHR4:16860516	SSF x Near_LoA	-9,95671926	0,003	0,305
CHR4	16860551	CHR4:16860551	SSF x Near_LoA	-9,3605129	-0,064	0,301
CHR4	16860575	CHR4:16860575	SSF x Near_LoA	-9,95033937	-0,087	0,283
CHR4	16860582	CHR4:16860582	SSF x Near_LoA	-9,14976293	-0,070	0,312
CHR4	16860617	CHR4:16860617	SSF x Near_LoA	-8,44221203	-0,089	0,300
CHR4	1686334	CHR4:1686334	SSF x Near_LoA	-8,76335174	-0,081	0,304
CHR4	1686336	CHR4:1686336	SSF x Near_LoA	-10,1011233	-0,018	0,305
CHR4	16870764	CHR4:16870764	SSF x Near_LoA	-11,9642729	0,078	0,302
CHR4	16870991	CHR4:16870991	SSF x Near_LoA	-10,3500616	0,071	0,314
CHR4	16871000	CHR4:16871000	SSF x Near_LoA	-8,93547608	0,087	0,324
CHR4	16872223	CHR4:16872223	SSF x Near_LoA	-7,70262903	0,149	0,302
CHR4	16876033	CHR4:16876033	SSF x Near_LoA	-9,74119851	0,034	0,313
CHR4	16883840	CHR4:16883840	SSF x Near_LoA	-8,45444498	-0,025	0,298
CHR4	16883877	CHR4:16883877	SSF x Near_LoA	-8,72015301	0,011	0,299

CHR4	16883879	CHR4:16883879	SSF x Near_LoA	-4,93571062	-0,070	0,312
CHR4	16883955	CHR4:16883955	SSF x Near_LoA	-9,64927922	-0,029	0,308
CHR4	16884056	CHR4:16884056	SSF x Near_LoA	-7,51094301	0,158	0,319
CHR4	16884059	CHR4:16884059	SSF x Near_LoA	-9,34161595	0,125	0,292
CHR4	16884066	CHR4:16884066	SSF x Near_LoA	-8,58737008	0,054	0,312
CHR4	16900765	CHR4:16900765	SSF x Near_LoA	-8,92449199	-0,118	0,314
CHR4	16900785	CHR4:16900785	SSF x Near_LoA	-8,78508336	0,135	0,300
CHR4	16904907	CHR4:16904907	SSF x Near_LoA	-10,3091543	0,049	0,312
CHR4	16905042	CHR4:16905042	SSF x Near_LoA	-10,2374806	-0,014	0,323
CHR4	16908065	CHR4:16908065	SSF x Near_LoA	-11,7994868	-0,034	0,312
CHR4	16908068	CHR4:16908068	SSF x Near_LoA	-11,7395724	0,091	0,311
CHR4	16908069	CHR4:16908069	SSF x Near_LoA	-8,21460359	0,164	0,301
CHR4	16908079	CHR4:16908079	SSF x Near_LoA	-6,44778595	0,151	0,299
CHR4	16908085	CHR4:16908085	SSF x Near_LoA	-11,4855165	-0,044	0,314
CHR4	16908140	CHR4:16908140	SSF x Near_LoA	-8,48101481	-0,062	0,304
CHR4	16908155	CHR4:16908155	SSF x Near_LoA	-10,1780089	0,042	0,311
CHR4	16908205	CHR4:16908205	SSF x Near_LoA	-9,50260547	0,084	0,309
CHR4	16910430	CHR4:16910430	SSF x Near_LoA	-10,2233114	0,073	0,302
CHR4	16910435	CHR4:16910435	SSF x Near_LoA	-7,67510498	-0,097	0,313
CHR4	16910494	CHR4:16910494	SSF x Near_LoA	-8,63209552	0,061	0,304
CHR4	16910520	CHR4:16910520	SSF x Near_LoA	-9,62766669	0,074	0,306
CHR4	16910523	CHR4:16910523	SSF x Near_LoA	-10,5365193	0,087	0,293
CHR4	16922140	CHR4:16922140	SSF x Near_LoA	-9,39934669	-0,084	0,300
CHR4	16922144	CHR4:16922144	SSF x Near_LoA	-4,72531106	-0,133	0,302
CHR4	16922150	CHR4:16922150	SSF x Near_LoA	-9,70189912	0,065	0,300
CHR4	16922155	CHR4:16922155	SSF x Near_LoA	-10,6720944	0,055	0,299
CHR4	16922178	CHR4:16922178	SSF x Near_LoA	-9,35438981	-0,090	0,310
CHR4	16922192	CHR4:16922192	SSF x Near_LoA	-8,03859616	-0,037	0,296
CHR4	16923758	CHR4:16923758	SSF x Near_LoA	-9,79189746	0,034	0,302
CHR4	16940742	CHR4:16940742	SSF x Near_LoA	-8,00784157	-0,130	0,311
CHR4	16940750	CHR4:16940750	SSF x Near_LoA	-7,84357005	-0,089	0,298
CHR4	16940977	CHR4:16940977	SSF x Near_LoA	-8,70021	0,078	0,303
CHR4	1694116	CHR4:1694116	SSF x Near_LoA	-10,2297305	-0,018	0,315
CHR4	16942556	CHR4:16942556	SSF x Near_LoA	-9,2702973	-0,022	0,311
CHR4	1694257	CHR4:1694257	SSF x Near_LoA	-11,1368603	-0,103	0,305
CHR4	1694288	CHR4:1694288	SSF x Near_LoA	-7,60437218	0,112	0,315
CHR4	16945554	CHR4:16945554	SSF x Near_LoA	-9,90438522	0,108	0,304
CHR4	16945562	CHR4:16945562	SSF x Near_LoA	-6,80791619	0,098	0,306
CHR4	16945566	CHR4:16945566	SSF x Near_LoA	-9,78952271	-0,095	0,318
CHR4	16945617	CHR4:16945617	SSF x Near_LoA	-10,7671302	0,041	0,301
CHR4	16945702	CHR4:16945702	SSF x Near_LoA	-10,5325436	0,064	0,301
CHR4	16946680	CHR4:16946680	SSF x Near_LoA	-10,5132777	0,059	0,301
CHR4	16946935	CHR4:16946935	SSF x Near_LoA	-8,00313868	0,130	0,306
CHR4	16946936	CHR4:16946936	SSF x Near_LoA	-9,19029669	-0,006	0,323
CHR4	16948207	CHR4:16948207	SSF x Near_LoA	-10,7983182	-0,042	0,312
CHR4	16948244	CHR4:16948244	SSF x Near_LoA	-11,0717353	-0,031	0,313
CHR4	16948290	CHR4:16948290	SSF x Near_LoA	-9,26071181	-0,100	0,316
CHR4	16948339	CHR4:16948339	SSF x Near_LoA	-8,54543125	0,105	0,283
CHR4	16948431	CHR4:16948431	SSF x Near_LoA	-6,1359856	-0,172	0,309
CHR4	16953599	CHR4:16953599	SSF x Near_LoA	-5,74252986	-0,049	0,302
CHR4	16953699	CHR4:16953699	SSF x Near_LoA	-10,2585728	-0,157	0,284
CHR4	16953765	CHR4:16953765	SSF x Near_LoA	-8,55556011	0,013	0,299
CHR4	16955649	CHR4:16955649	SSF x Near_LoA	-7,80469493	-0,053	0,309

CHR4	1695795	CHR4:1695795	SSF x Near_LoA	-7,69978904	-0,078	0,315
CHR4	16959391	CHR4:16959391	SSF x Near_LoA	-10,0207306	0,032	0,314
CHR4	16959432	CHR4:16959432	SSF x Near_LoA	-8,45661672	0,024	0,306
CHR4	16959462	CHR4:16959462	SSF x Near_LoA	-9,64853251	-0,080	0,312
CHR4	16959509	CHR4:16959509	SSF x Near_LoA	-7,91591022	-0,033	0,315
CHR4	16959630	CHR4:16959630	SSF x Near_LoA	-9,06464038	-0,119	0,305
CHR4	16968843	CHR4:16968843	SSF x Near_LoA	-8,32609271	-0,009	0,305
CHR4	16968863	CHR4:16968863	SSF x Near_LoA	-9,15577854	-0,020	0,298
CHR4	16968929	CHR4:16968929	SSF x Near_LoA	-9,40374744	-0,044	0,304
CHR4	16968938	CHR4:16968938	SSF x Near_LoA	-5,51875673	-0,044	0,296
CHR4	16981912	CHR4:16981912	SSF x Near_LoA	-10,9614706	0,083	0,300
CHR4	16992365	CHR4:16992365	SSF x Near_LoA	-7,64280023	0,169	0,301
CHR4	16992427	CHR4:16992427	SSF x Near_LoA	-7,34312945	-0,130	0,300
CHR4	16992433	CHR4:16992433	SSF x Near_LoA	-8,00289599	-0,132	0,315
CHR4	16992464	CHR4:16992464	SSF x Near_LoA	-9,98421592	-0,080	0,308
CHR4	16995238	CHR4:16995238	SSF x Near_LoA	-8,85729533	-0,057	0,313
CHR4	16995378	CHR4:16995378	SSF x Near_LoA	-8,43150273	-0,070	0,330
CHR4	16995397	CHR4:16995397	SSF x Near_LoA	-8,405321	-0,052	0,316
CHR4	16995440	CHR4:16995440	SSF x Near_LoA	-9,33315119	0,031	0,314
CHR4	16998624	CHR4:16998624	SSF x Near_LoA	-9,04163131	0,018	0,307
CHR4	16998690	CHR4:16998690	SSF x Near_LoA	-7,80334341	0,103	0,310
CHR4	16998753	CHR4:16998753	SSF x Near_LoA	-8,0623951	0,143	0,291
CHR4	17002244	CHR4:17002244	SSF x Near_LoA	-5,07679653	0,078	0,311
CHR4	17002264	CHR4:17002264	SSF x Near_LoA	-9,1064578	0,027	0,308
CHR4	17002296	CHR4:17002296	SSF x Near_LoA	-8,52992562	0,061	0,305
CHR4	17002315	CHR4:17002315	SSF x Near_LoA	-11,1526639	0,046	0,290
CHR4	17002665	CHR4:17002665	SSF x Near_LoA	-8,17768792	0,056	0,324
CHR4	17003554	CHR4:17003554	SSF x Near_LoA	-9,74703993	0,028	0,318
CHR4	17005696	CHR4:17005696	SSF x Near_LoA	-10,8989884	0,044	0,320
CHR4	17005720	CHR4:17005720	SSF x Near_LoA	-9,83532572	-0,018	0,313
CHR4	17005860	CHR4:17005860	SSF x Near_LoA	-9,2805442	0,023	0,312
CHR4	17005910	CHR4:17005910	SSF x Near_LoA	-9,08754264	0,094	0,309
CHR4	1700772	CHR4:1700772	SSF x Near_LoA	-10,2796743	0,010	0,316
CHR4	1700844	CHR4:1700844	SSF x Near_LoA	-9,52884171	0,000	0,318
CHR4	1700850	CHR4:1700850	SSF x Near_LoA	-8,86115083	-0,076	0,304
CHR4	17009286	CHR4:17009286	SSF x Near_LoA	-9,0393081	-0,071	0,316
CHR4	17009365	CHR4:17009365	SSF x Near_LoA	-5,00578893	-0,128	0,314
CHR4	17009380	CHR4:17009380	SSF x Near_LoA	-3,94646695	-0,084	0,299
CHR4	17009400	CHR4:17009400	SSF x Near_LoA	-4,97580669	0,108	0,309
CHR4	17009526	CHR4:17009526	SSF x Near_LoA	-11,6879272	0,044	0,304
CHR4	17012172	CHR4:17012172	SSF x Near_LoA	-5,61524631	-0,112	0,303
CHR4	17033635	CHR4:17033635	SSF x Near_LoA	-1,99198103	0,042	0,314
CHR4	17035025	CHR4:17035025	SSF x Near_LoA	-10,2882487	-0,020	0,301
CHR4	17035052	CHR4:17035052	SSF x Near_LoA	-8,90234752	0,067	0,312
CHR4	17035108	CHR4:17035108	SSF x Near_LoA	-10,5670901	-0,038	0,309
CHR4	17040319	CHR4:17040319	SSF x Near_LoA	-7,71921093	0,146	0,308
CHR4	17040396	CHR4:17040396	SSF x Near_LoA	-4,53983785	0,161	0,306
CHR4	17040486	CHR4:17040486	SSF x Near_LoA	-3,27279825	0,094	0,296
CHR4	17040502	CHR4:17040502	SSF x Near_LoA	-8,28193885	-0,060	0,302
CHR4	17040517	CHR4:17040517	SSF x Near_LoA	-9,51693658	0,007	0,286
CHR4	17059522	CHR4:17059522	SSF x Near_LoA	-9,83592031	0,099	0,302
CHR4	17059560	CHR4:17059560	SSF x Near_LoA	-8,54951462	0,018	0,307
CHR4	17059568	CHR4:17059568	SSF x Near_LoA	-8,75247389	-0,008	0,306

CHR4	17059595	CHR4:17059595	SSF x Near_LoA	-8,1580069	-0,003	0,311
CHR4	17059691	CHR4:17059691	SSF x Near_LoA	-8,63253802	0,038	0,297
CHR4	17073995	CHR4:17073995	SSF x Near_LoA	-9,69884159	-0,059	0,308
CHR4	17074015	CHR4:17074015	SSF x Near_LoA	-8,62663066	0,001	0,323
CHR4	17074045	CHR4:17074045	SSF x Near_LoA	-9,74405821	-0,063	0,290
CHR4	17074072	CHR4:17074072	SSF x Near_LoA	-8,14489081	-0,080	0,317
CHR4	17074147	CHR4:17074147	SSF x Near_LoA	-8,99718346	0,036	0,306
CHR4	17074152	CHR4:17074152	SSF x Near_LoA	-9,2790569	-0,087	0,308
CHR4	17074249	CHR4:17074249	SSF x Near_LoA	-10,2339027	0,054	0,299
CHR4	17074309	CHR4:17074309	SSF x Near_LoA	-8,13377862	-0,047	0,304
CHR4	17074312	CHR4:17074312	SSF x Near_LoA	-8,19153078	-0,124	0,304
CHR4	17074319	CHR4:17074319	SSF x Near_LoA	-8,04373185	-0,009	0,310
CHR4	17074323	CHR4:17074323	SSF x Near_LoA	-7,22700891	-0,035	0,305
CHR4	17084258	CHR4:17084258	SSF x Near_LoA	-10,3804091	0,050	0,317
CHR4	17084350	CHR4:17084350	SSF x Near_LoA	-7,57000482	-0,140	0,296
CHR4	17086437	CHR4:17086437	SSF x Near_LoA	-8,09243579	0,067	0,306
CHR4	17093659	CHR4:17093659	SSF x Near_LoA	-7,39311089	-0,179	0,289
CHR4	17093663	CHR4:17093663	SSF x Near_LoA	-7,25217536	-0,173	0,301
CHR4	17093664	CHR4:17093664	SSF x Near_LoA	-7,59680961	-0,160	0,301
CHR4	17093670	CHR4:17093670	SSF x Near_LoA	-7,75089451	-0,171	0,285
CHR4	17105516	CHR4:17105516	SSF x Near_LoA	-11,1774014	-0,053	0,312
CHR4	17105567	CHR4:17105567	SSF x Near_LoA	-8,72547109	0,088	0,310
CHR4	17105580	CHR4:17105580	SSF x Near_LoA	-7,70099209	-0,143	0,319
CHR4	17105583	CHR4:17105583	SSF x Near_LoA	-11,3792948	-0,013	0,308
CHR4	17105645	CHR4:17105645	SSF x Near_LoA	-7,9953127	-0,130	0,301
CHR4	17105707	CHR4:17105707	SSF x Near_LoA	-10,8074677	-0,065	0,316
CHR4	17108429	CHR4:17108429	SSF x Near_LoA	-10,7527856	0,000	0,285
CHR4	17108454	CHR4:17108454	SSF x Near_LoA	-6,55833242	0,126	0,309
CHR4	17108457	CHR4:17108457	SSF x Near_LoA	-9,40713425	0,023	0,307
CHR4	17108463	CHR4:17108463	SSF x Near_LoA	-9,64131434	0,020	0,310
CHR4	17108484	CHR4:17108484	SSF x Near_LoA	-10,1098781	0,005	0,309
CHR4	17108491	CHR4:17108491	SSF x Near_LoA	-9,41977662	0,040	0,300
CHR4	17108526	CHR4:17108526	SSF x Near_LoA	-10,3778405	0,013	0,304
CHR4	17112408	CHR4:17112408	SSF x Near_LoA	-7,98528696	0,167	0,301
CHR4	17112427	CHR4:17112427	SSF x Near_LoA	-8,20351516	0,102	0,311
CHR4	17112502	CHR4:17112502	SSF x Near_LoA	-2,121447	0,153	0,308
CHR4	17116095	CHR4:17116095	SSF x Near_LoA	-10,8286304	-0,043	0,312
CHR4	17119573	CHR4:17119573	SSF x Near_LoA	-11,6643025	0,049	0,307
CHR4	17119637	CHR4:17119637	SSF x Near_LoA	-7,45270485	0,038	0,313
CHR4	17119687	CHR4:17119687	SSF x Near_LoA	-9,9097359	-0,095	0,300
CHR4	17119688	CHR4:17119688	SSF x Near_LoA	-9,30154569	-0,043	0,300
CHR4	17119690	CHR4:17119690	SSF x Near_LoA	-10,3908238	0,135	0,294
CHR4	17119697	CHR4:17119697	SSF x Near_LoA	-4,96844944	-0,103	0,321
CHR4	17122707	CHR4:17122707	SSF x Near_LoA	-0,76635808	-0,207	0,286
CHR4	17122756	CHR4:17122756	SSF x Near_LoA	-7,48088042	0,001	0,306
CHR4	17122841	CHR4:17122841	SSF x Near_LoA	-10,9489327	0,008	0,309
CHR4	17128500	CHR4:17128500	SSF x Near_LoA	-9,15608514	-0,117	0,309
CHR4	17128574	CHR4:17128574	SSF x Near_LoA	-9,29255007	0,005	0,301
CHR4	17130409	CHR4:17130409	SSF x Near_LoA	-5,14513366	-0,060	0,298
CHR4	17130505	CHR4:17130505	SSF x Near_LoA	-6,44780592	-0,081	0,306
CHR4	17130507	CHR4:17130507	SSF x Near_LoA	-8,8399124	0,055	0,305
CHR4	17132997	CHR4:17132997	SSF x Near_LoA	-9,17021773	0,006	0,309
CHR4	17133045	CHR4:17133045	SSF x Near_LoA	-11,8322542	0,030	0,307

CHR4	17133097	CHR4:17133097	SSF x Near_LoA	-9,3281291	-0,010	0,310
CHR4	17140803	CHR4:17140803	SSF x Near_LoA	-10,9973625	-0,030	0,313
CHR4	17142102	CHR4:17142102	SSF x Near_LoA	-9,20845032	0,014	0,302
CHR4	1714275	CHR4:1714275	SSF x Near_LoA	-9,65116959	0,101	0,316
CHR4	1714314	CHR4:1714314	SSF x Near_LoA	-8,04557447	0,082	0,304
CHR4	1714414	CHR4:1714414	SSF x Near_LoA	-12,1300353	0,050	0,291
CHR4	17157105	CHR4:17157105	SSF x Near_LoA	-6,07635935	-0,006	0,316
CHR4	17159003	CHR4:17159003	SSF x Near_LoA	-10,5014366	0,046	0,311
CHR4	17159214	CHR4:17159214	SSF x Near_LoA	-5,07871394	-0,096	0,305
CHR4	17159295	CHR4:17159295	SSF x Near_LoA	-0,21280171	-0,156	0,297
CHR4	17159325	CHR4:17159325	SSF x Near_LoA	-4,44049682	0,029	0,321
CHR4	17164552	CHR4:17164552	SSF x Near_LoA	-9,7273916	0,083	0,314
CHR4	17164556	CHR4:17164556	SSF x Near_LoA	-9,51327058	0,062	0,295
CHR4	17164557	CHR4:17164557	SSF x Near_LoA	-9,67835897	-0,032	0,305
CHR4	17164562	CHR4:17164562	SSF x Near_LoA	-8,39394225	0,016	0,315
CHR4	17164573	CHR4:17164573	SSF x Near_LoA	-9,59898188	0,080	0,309
CHR4	17164584	CHR4:17164584	SSF x Near_LoA	-9,76732041	0,054	0,306
CHR4	17172942	CHR4:17172942	SSF x Near_LoA	-8,55941275	-0,103	0,310
CHR4	17173052	CHR4:17173052	SSF x Near_LoA	-11,8013649	-0,067	0,316
CHR4	17176156	CHR4:17176156	SSF x Near_LoA	-10,699701	0,041	0,315
CHR4	17176185	CHR4:17176185	SSF x Near_LoA	-11,307773	0,065	0,313
CHR4	17176199	CHR4:17176199	SSF x Near_LoA	-11,2678706	-0,043	0,308
CHR4	17176223	CHR4:17176223	SSF x Near_LoA	-7,56314987	0,132	0,307
CHR4	17176236	CHR4:17176236	SSF x Near_LoA	-6,06152499	0,173	0,295
CHR4	17176243	CHR4:17176243	SSF x Near_LoA	-8,60775537	0,137	0,301
CHR4	17176247	CHR4:17176247	SSF x Near_LoA	-7,9476711	0,115	0,292
CHR4	17176338	CHR4:17176338	SSF x Near_LoA	-7,84938349	0,127	0,293
CHR4	17176343	CHR4:17176343	SSF x Near_LoA	-10,0362953	0,085	0,308
CHR4	17176350	CHR4:17176350	SSF x Near_LoA	-10,192465	0,088	0,293
CHR4	17176377	CHR4:17176377	SSF x Near_LoA	-8,05254384	-0,130	0,315
CHR4	17180250	CHR4:17180250	SSF x Near_LoA	-7,47676625	0,143	0,316
CHR4	17180277	CHR4:17180277	SSF x Near_LoA	-10,6616171	-0,038	0,308
CHR4	17204271	CHR4:17204271	SSF x Near_LoA	-5,41849382	-0,033	0,304
CHR4	17204285	CHR4:17204285	SSF x Near_LoA	-8,79373777	-0,047	0,304
CHR4	17204307	CHR4:17204307	SSF x Near_LoA	-8,82489788	-0,049	0,301
CHR4	17204359	CHR4:17204359	SSF x Near_LoA	-8,75705317	-0,056	0,310
CHR4	17206529	CHR4:17206529	SSF x Near_LoA	-6,47714736	0,176	0,301
CHR4	17211011	CHR4:17211011	SSF x Near_LoA	-11,0027422	0,093	0,302
CHR4	17211015	CHR4:17211015	SSF x Near_LoA	-11,0931771	0,065	0,300
CHR4	17211124	CHR4:17211124	SSF x Near_LoA	-10,0468699	0,068	0,307
CHR4	17211276	CHR4:17211276	SSF x Near_LoA	-9,90172178	0,066	0,305
CHR4	17211376	CHR4:17211376	SSF x Near_LoA	-8,53888839	-0,058	0,306
CHR4	17213674	CHR4:17213674	SSF x Near_LoA	-7,38687226	0,118	0,303
CHR4	17214167	CHR4:17214167	SSF x Near_LoA	-10,0000683	-0,056	0,305
CHR4	17214172	CHR4:17214172	SSF x Near_LoA	-9,90622208	-0,056	0,325
CHR4	17214178	CHR4:17214178	SSF x Near_LoA	-9,27630518	-0,027	0,306
CHR4	17225094	CHR4:17225094	SSF x Near_LoA	-9,79774955	0,042	0,314
CHR4	17226552	CHR4:17226552	SSF x Near_LoA	-11,6386747	0,036	0,298
CHR4	17228434	CHR4:17228434	SSF x Near_LoA	-8,81617635	-0,017	0,310
CHR4	17228484	CHR4:17228484	SSF x Near_LoA	-6,53664078	0,043	0,309
CHR4	17229846	CHR4:17229846	SSF x Near_LoA	-9,78635694	0,032	0,304
CHR4	17229912	CHR4:17229912	SSF x Near_LoA	-10,3410292	0,066	0,297
CHR4	17231535	CHR4:17231535	SSF x Near_LoA	-7,05913434	-0,109	0,307

CHR4	17236591	CHR4:17236591	SSF x Near_LoA	-10,983948	0,064	0,305
CHR4	17243613	CHR4:17243613	SSF x Near_LoA	-10,1302041	-0,058	0,287
CHR4	17247097	CHR4:17247097	SSF x Near_LoA	-7,41641852	0,104	0,309
CHR4	17247166	CHR4:17247166	SSF x Near_LoA	-9,28853965	0,023	0,303
CHR4	17257411	CHR4:17257411	SSF x Near_LoA	-3,65018158	-0,224	0,290
CHR4	17257531	CHR4:17257531	SSF x Near_LoA	-10,9740987	-0,070	0,314
CHR4	17257595	CHR4:17257595	SSF x Near_LoA	-10,5596244	0,019	0,298
CHR4	17257605	CHR4:17257605	SSF x Near_LoA	-10,7406971	0,005	0,307
CHR4	17259729	CHR4:17259729	SSF x Near_LoA	-8,54876636	0,147	0,307
CHR4	17259754	CHR4:17259754	SSF x Near_LoA	-9,26399884	0,064	0,316
CHR4	17259769	CHR4:17259769	SSF x Near_LoA	-7,93442405	0,099	0,306
CHR4	17259779	CHR4:17259779	SSF x Near_LoA	-10,3068273	0,148	0,303
CHR4	17259799	CHR4:17259799	SSF x Near_LoA	-8,237901	-0,034	0,306
CHR4	17262761	CHR4:17262761	SSF x Near_LoA	-9,4731034	-0,005	0,308
CHR4	17262772	CHR4:17262772	SSF x Near_LoA	-6,80136502	0,164	0,306
CHR4	17266086	CHR4:17266086	SSF x Near_LoA	-10,034616	-0,015	0,302
CHR4	17266182	CHR4:17266182	SSF x Near_LoA	-8,23316106	-0,139	0,305
CHR4	17266223	CHR4:17266223	SSF x Near_LoA	-9,27770552	-0,013	0,302
CHR4	17269134	CHR4:17269134	SSF x Near_LoA	-8,93209785	-0,020	0,309
CHR4	17269200	CHR4:17269200	SSF x Near_LoA	-8,38233798	0,002	0,314
CHR4	17269251	CHR4:17269251	SSF x Near_LoA	-11,2556415	0,007	0,318
CHR4	17269265	CHR4:17269265	SSF x Near_LoA	-9,83632765	0,024	0,305
CHR4	17269266	CHR4:17269266	SSF x Near_LoA	-9,91971548	0,000	0,322
CHR4	17269326	CHR4:17269326	SSF x Near_LoA	-7,51754138	-0,061	0,310
CHR4	17269361	CHR4:17269361	SSF x Near_LoA	-8,77081619	0,025	0,312
CHR4	17295806	CHR4:17295806	SSF x Near_LoA	-9,86051659	-0,060	0,312
CHR4	17295857	CHR4:17295857	SSF x Near_LoA	-6,5431627	0,144	0,314
CHR4	17295942	CHR4:17295942	SSF x Near_LoA	-7,90509037	0,092	0,305
CHR4	17298202	CHR4:17298202	SSF x Near_LoA	-9,25268955	0,009	0,312
CHR4	17298211	CHR4:17298211	SSF x Near_LoA	-8,42715664	-0,101	0,298
CHR4	17300869	CHR4:17300869	SSF x Near_LoA	-10,8006053	0,072	0,303
CHR4	17303871	CHR4:17303871	SSF x Near_LoA	-8,95306499	0,040	0,316
CHR4	17316799	CHR4:17316799	SSF x Near_LoA	-9,18727537	-0,112	0,309
CHR4	17322451	CHR4:17322451	SSF x Near_LoA	-10,8655658	-0,002	0,309
CHR4	17322480	CHR4:17322480	SSF x Near_LoA	-6,25832503	-0,187	0,297
CHR4	17328344	CHR4:17328344	SSF x Near_LoA	-7,71973743	-0,128	0,292
CHR4	17330015	CHR4:17330015	SSF x Near_LoA	-5,07655687	-0,083	0,310
CHR4	17330105	CHR4:17330105	SSF x Near_LoA	-8,06962351	0,128	0,294
CHR4	17332667	CHR4:17332667	SSF x Near_LoA	-8,38513284	0,034	0,317
CHR4	17332681	CHR4:17332681	SSF x Near_LoA	-8,44014046	0,083	0,311
CHR4	17332689	CHR4:17332689	SSF x Near_LoA	-11,0125608	-0,039	0,308
CHR4	17335241	CHR4:17335241	SSF x Near_LoA	-7,75026786	-0,049	0,305
CHR4	17335321	CHR4:17335321	SSF x Near_LoA	-7,29484847	0,044	0,309
CHR4	17335627	CHR4:17335627	SSF x Near_LoA	-3,65238204	0,076	0,309
CHR4	17335712	CHR4:17335712	SSF x Near_LoA	-10,6252788	-0,075	0,302
CHR4	17335733	CHR4:17335733	SSF x Near_LoA	-8,4254678	-0,066	0,301
CHR4	17340559	CHR4:17340559	SSF x Near_LoA	-9,75048186	0,056	0,312
CHR4	17340646	CHR4:17340646	SSF x Near_LoA	-7,91737897	0,044	0,301
CHR4	17342960	CHR4:17342960	SSF x Near_LoA	-10,9130457	-0,096	0,306
CHR4	1735332	CHR4:1735332	SSF x Near_LoA	-8,83796028	0,073	0,304
CHR4	1735485	CHR4:1735485	SSF x Near_LoA	-7,70260853	-0,009	0,313
CHR4	1735533	CHR4:1735533	SSF x Near_LoA	-12,3800131	0,009	0,299
CHR4	1735535	CHR4:1735535	SSF x Near_LoA	-7,86173622	0,048	0,309

CHR4	17360937	CHR4:17360937	SSF x Near_LoA	-7,07245993	0,094	0,309
CHR4	17360984	CHR4:17360984	SSF x Near_LoA	-6,66752112	-0,196	0,283
CHR4	17360989	CHR4:17360989	SSF x Near_LoA	-5,44149331	-0,161	0,301
CHR4	17360990	CHR4:17360990	SSF x Near_LoA	-2,94478291	-0,190	0,299
CHR4	17361043	CHR4:17361043	SSF x Near_LoA	2,67558891	-0,151	0,303
CHR4	17361046	CHR4:17361046	SSF x Near_LoA	-4,94554134	-0,172	0,297
CHR4	17366217	CHR4:17366217	SSF x Near_LoA	-9,50340491	-0,024	0,330
CHR4	17366225	CHR4:17366225	SSF x Near_LoA	-11,3722569	-0,027	0,305
CHR4	17366277	CHR4:17366277	SSF x Near_LoA	-11,7987759	0,051	0,295
CHR4	17366314	CHR4:17366314	SSF x Near_LoA	-9,63602467	0,037	0,293
CHR4	17366361	CHR4:17366361	SSF x Near_LoA	-9,948214	-0,019	0,316
CHR4	1737245	CHR4:1737245	SSF x Near_LoA	-7,06163513	-0,003	0,320
CHR4	17373563	CHR4:17373563	SSF x Near_LoA	-9,06784149	0,000	0,320
CHR4	17380665	CHR4:17380665	SSF x Near_LoA	-7,30173316	-0,145	0,296
CHR4	17380674	CHR4:17380674	SSF x Near_LoA	-8,58527886	-0,115	0,302
CHR4	17380679	CHR4:17380679	SSF x Near_LoA	-2,58958788	-0,164	0,312
CHR4	17380692	CHR4:17380692	SSF x Near_LoA	-6,9982801	-0,165	0,299
CHR4	17380706	CHR4:17380706	SSF x Near_LoA	-8,27899936	-0,055	0,315
CHR4	17380707	CHR4:17380707	SSF x Near_LoA	-10,6004819	-0,099	0,300
CHR4	17381104	CHR4:17381104	SSF x Near_LoA	-9,9836774	0,168	0,292
CHR4	17381136	CHR4:17381136	SSF x Near_LoA	-11,9277239	-0,052	0,308
CHR4	17381190	CHR4:17381190	SSF x Near_LoA	-6,94872898	-0,135	0,300
CHR4	17381255	CHR4:17381255	SSF x Near_LoA	-8,71723746	0,144	0,299
CHR4	17388376	CHR4:17388376	SSF x Near_LoA	-10,6693302	-0,011	0,305
CHR4	17388381	CHR4:17388381	SSF x Near_LoA	-6,61938773	0,127	0,307
CHR4	17392817	CHR4:17392817	SSF x Near_LoA	-7,22178514	-0,103	0,301
CHR4	17392874	CHR4:17392874	SSF x Near_LoA	-9,57537236	-0,031	0,316
CHR4	17393023	CHR4:17393023	SSF x Near_LoA	-7,58289012	0,128	0,308
CHR4	17393697	CHR4:17393697	SSF x Near_LoA	-9,18892277	-0,014	0,313
CHR4	17393749	CHR4:17393749	SSF x Near_LoA	-7,19977744	-0,010	0,307
CHR4	17393785	CHR4:17393785	SSF x Near_LoA	-4,28774733	-0,003	0,311
CHR4	17393813	CHR4:17393813	SSF x Near_LoA	-8,85089312	0,047	0,307
CHR4	17393840	CHR4:17393840	SSF x Near_LoA	-10,4137598	-0,011	0,302
CHR4	17393842	CHR4:17393842	SSF x Near_LoA	-8,36032345	-0,026	0,308
CHR4	17393844	CHR4:17393844	SSF x Near_LoA	-9,19222155	-0,056	0,312
CHR4	17393851	CHR4:17393851	SSF x Near_LoA	-8,94143187	-0,039	0,304
CHR4	17393854	CHR4:17393854	SSF x Near_LoA	-10,0119611	-0,039	0,309
CHR4	17393855	CHR4:17393855	SSF x Near_LoA	-9,28522528	-0,035	0,305
CHR4	17393862	CHR4:17393862	SSF x Near_LoA	-10,5337092	-0,005	0,292
CHR4	17393864	CHR4:17393864	SSF x Near_LoA	-9,41891112	-0,008	0,309
CHR4	17393865	CHR4:17393865	SSF x Near_LoA	-9,50080029	-0,044	0,301
CHR4	17393874	CHR4:17393874	SSF x Near_LoA	-11,1713516	-0,076	0,314
CHR4	17393905	CHR4:17393905	SSF x Near_LoA	-8,02410709	-0,089	0,296
CHR4	17397634	CHR4:17397634	SSF x Near_LoA	-7,48706245	0,032	0,312
CHR4	17397665	CHR4:17397665	SSF x Near_LoA	-9,14057661	0,011	0,316
CHR4	17397714	CHR4:17397714	SSF x Near_LoA	-8,11787632	0,094	0,307
CHR4	17397730	CHR4:17397730	SSF x Near_LoA	-4,00083585	0,015	0,315
CHR4	17397731	CHR4:17397731	SSF x Near_LoA	-7,63300632	-0,065	0,319
CHR4	17397784	CHR4:17397784	SSF x Near_LoA	-9,09547526	-0,035	0,296
CHR4	17397788	CHR4:17397788	SSF x Near_LoA	-10,1882167	0,028	0,311
CHR4	17397804	CHR4:17397804	SSF x Near_LoA	-4,24946977	0,110	0,314
CHR4	17404670	CHR4:17404670	SSF x Near_LoA	-11,2918947	-0,129	0,302
CHR4	17404674	CHR4:17404674	SSF x Near_LoA	-8,85919152	-0,106	0,327

CHR4	17404675	CHR4:17404675	SSF x Near_LoA	-11,2008626	-0,091	0,308
CHR4	17404680	CHR4:17404680	SSF x Near_LoA	-10,750637	-0,114	0,311
CHR4	17404683	CHR4:17404683	SSF x Near_LoA	-7,65566816	-0,110	0,319
CHR4	17404850	CHR4:17404850	SSF x Near_LoA	-11,5158651	-0,090	0,315
CHR4	17411197	CHR4:17411197	SSF x Near_LoA	-9,23130143	0,127	0,298
CHR4	17411272	CHR4:17411272	SSF x Near_LoA	-7,96633237	-0,161	0,301
CHR4	17411307	CHR4:17411307	SSF x Near_LoA	-8,69800989	-0,033	0,312
CHR4	17411340	CHR4:17411340	SSF x Near_LoA	-10,4229717	-0,029	0,299
CHR4	17411362	CHR4:17411362	SSF x Near_LoA	-5,74189232	-0,108	0,303
CHR4	17411364	CHR4:17411364	SSF x Near_LoA	-6,04280383	-0,135	0,308
CHR4	17411433	CHR4:17411433	SSF x Near_LoA	-11,1319376	0,008	0,314
CHR4	17411438	CHR4:17411438	SSF x Near_LoA	-7,99344242	-0,124	0,307
CHR4	17411481	CHR4:17411481	SSF x Near_LoA	-9,74894078	-0,102	0,314
CHR4	17419801	CHR4:17419801	SSF x Near_LoA	-8,68815027	-0,014	0,304
CHR4	17419940	CHR4:17419940	SSF x Near_LoA	-8,80949489	0,021	0,314
CHR4	17422468	CHR4:17422468	SSF x Near_LoA	-7,42964588	0,037	0,311
CHR4	17422498	CHR4:17422498	SSF x Near_LoA	-11,0815073	0,012	0,300
CHR4	17429531	CHR4:17429531	SSF x Near_LoA	-9,16296985	-0,048	0,309
CHR4	17429573	CHR4:17429573	SSF x Near_LoA	-10,1075235	-0,006	0,313
CHR4	17429581	CHR4:17429581	SSF x Near_LoA	-8,62236856	0,081	0,309
CHR4	17429613	CHR4:17429613	SSF x Near_LoA	-9,23365186	-0,090	0,308
CHR4	17429740	CHR4:17429740	SSF x Near_LoA	-8,32450232	-0,005	0,322
CHR4	17441643	CHR4:17441643	SSF x Near_LoA	-8,88586744	-0,049	0,312
CHR4	17441665	CHR4:17441665	SSF x Near_LoA	-11,2548055	0,014	0,291
CHR4	17441698	CHR4:17441698	SSF x Near_LoA	-9,23926771	-0,073	0,307
CHR4	17441736	CHR4:17441736	SSF x Near_LoA	-9,89048881	-0,104	0,298
CHR4	17448861	CHR4:17448861	SSF x Near_LoA	-11,2741083	-0,024	0,305
CHR4	17448945	CHR4:17448945	SSF x Near_LoA	-7,97105749	-0,067	0,308
CHR4	17448986	CHR4:17448986	SSF x Near_LoA	-10,6692959	-0,052	0,317
CHR4	17455483	CHR4:17455483	SSF x Near_LoA	-10,5105134	-0,142	0,300
CHR4	17455612	CHR4:17455612	SSF x Near_LoA	-11,0591813	-0,020	0,300
CHR4	17455816	CHR4:17455816	SSF x Near_LoA	-7,75543393	0,007	0,315
CHR4	17455817	CHR4:17455817	SSF x Near_LoA	-8,25866834	-0,057	0,299
CHR4	17455855	CHR4:17455855	SSF x Near_LoA	-9,58972645	0,017	0,322
CHR4	17455882	CHR4:17455882	SSF x Near_LoA	-8,69543113	0,015	0,315
CHR4	17455912	CHR4:17455912	SSF x Near_LoA	-6,06121752	-0,016	0,321
CHR4	17455936	CHR4:17455936	SSF x Near_LoA	-1,67661283	-0,007	0,322
CHR4	17455941	CHR4:17455941	SSF x Near_LoA	-8,14866267	0,027	0,315
CHR4	17455943	CHR4:17455943	SSF x Near_LoA	-4,154451	-0,039	0,312
CHR4	17463836	CHR4:17463836	SSF x Near_LoA	-9,11166984	-0,006	0,307
CHR4	17463884	CHR4:17463884	SSF x Near_LoA	-11,109186	0,016	0,302
CHR4	17463942	CHR4:17463942	SSF x Near_LoA	-11,3713287	0,008	0,303
CHR4	17463948	CHR4:17463948	SSF x Near_LoA	-10,7865757	0,041	0,300
CHR4	17477271	CHR4:17477271	SSF x Near_LoA	-2,75722739	0,178	0,275
CHR4	17477367	CHR4:17477367	SSF x Near_LoA	-10,2384502	0,071	0,290
CHR4	17477558	CHR4:17477558	SSF x Near_LoA	0,0324167	-0,122	0,307
CHR4	17477567	CHR4:17477567	SSF x Near_LoA	-6,3594591	-0,025	0,315
CHR4	1747869	CHR4:1747869	SSF x Near_LoA	-10,95379	0,116	0,311
CHR4	17479168	CHR4:17479168	SSF x Near_LoA	-10,1343169	0,031	0,297
CHR4	17479272	CHR4:17479272	SSF x Near_LoA	-5,46581312	0,196	0,279
CHR4	17483974	CHR4:17483974	SSF x Near_LoA	-0,54012403	-0,093	0,303
CHR4	17484032	CHR4:17484032	SSF x Near_LoA	-9,99547785	0,028	0,317
CHR4	17484058	CHR4:17484058	SSF x Near_LoA	-7,70510353	-0,143	0,302

CHR4	17484080	CHR4:17484080	SSF x Near_LoA	-9,35888691	0,033	0,316
CHR4	1748681	CHR4:1748681	SSF x Near_LoA	-8,29187696	-0,073	0,312
CHR4	17495580	CHR4:17495580	SSF x Near_LoA	-9,1752444	0,022	0,312
CHR4	17495672	CHR4:17495672	SSF x Near_LoA	-9,41145466	0,062	0,306
CHR4	17495769	CHR4:17495769	SSF x Near_LoA	-8,24584756	0,064	0,311
CHR4	17495862	CHR4:17495862	SSF x Near_LoA	-7,52511789	0,044	0,321
CHR4	17495893	CHR4:17495893	SSF x Near_LoA	-7,20797892	0,094	0,309
CHR4	17500104	CHR4:17500104	SSF x Near_LoA	-10,2344004	-0,101	0,309
CHR4	17500108	CHR4:17500108	SSF x Near_LoA	-10,0876972	0,056	0,288
CHR4	17500124	CHR4:17500124	SSF x Near_LoA	-9,61379734	0,008	0,293
CHR4	17500184	CHR4:17500184	SSF x Near_LoA	-10,4415618	0,043	0,297
CHR4	17500194	CHR4:17500194	SSF x Near_LoA	-7,13185295	-0,012	0,311
CHR4	17500228	CHR4:17500228	SSF x Near_LoA	-9,64248526	0,076	0,302
CHR4	17500243	CHR4:17500243	SSF x Near_LoA	-10,4701781	0,074	0,308
CHR4	17500248	CHR4:17500248	SSF x Near_LoA	-10,7419151	0,067	0,319
CHR4	17500255	CHR4:17500255	SSF x Near_LoA	-10,3501328	-0,017	0,311
CHR4	17500285	CHR4:17500285	SSF x Near_LoA	-11,4665251	0,086	0,307
CHR4	175004	CHR4:175004	SSF x Near_LoA	-8,88830359	0,086	0,292
CHR4	17512365	CHR4:17512365	SSF x Near_LoA	-8,92512224	-0,043	0,306
CHR4	17512677	CHR4:17512677	SSF x Near_LoA	-9,28675656	0,003	0,322
CHR4	17512732	CHR4:17512732	SSF x Near_LoA	-10,734841	-0,068	0,312
CHR4	17517413	CHR4:17517413	SSF x Near_LoA	-6,09326678	-0,026	0,308
CHR4	17517440	CHR4:17517440	SSF x Near_LoA	-8,21194711	-0,035	0,309
CHR4	17517444	CHR4:17517444	SSF x Near_LoA	-9,34127271	-0,018	0,299
CHR4	17518325	CHR4:17518325	SSF x Near_LoA	-8,59841439	0,014	0,299
CHR4	17518371	CHR4:17518371	SSF x Near_LoA	-3,33767863	0,181	0,303
CHR4	17518438	CHR4:17518438	SSF x Near_LoA	-7,48234857	-0,125	0,300
CHR4	17528209	CHR4:17528209	SSF x Near_LoA	-11,4742467	-0,004	0,317
CHR4	17528248	CHR4:17528248	SSF x Near_LoA	-9,98129542	-0,012	0,313
CHR4	17528273	CHR4:17528273	SSF x Near_LoA	-9,89850686	0,080	0,293
CHR4	17528359	CHR4:17528359	SSF x Near_LoA	-9,37629201	-0,019	0,316
CHR4	17528442	CHR4:17528442	SSF x Near_LoA	-10,8854471	-0,012	0,326
CHR4	17528505	CHR4:17528505	SSF x Near_LoA	-5,78466823	-0,124	0,309
CHR4	17540165	CHR4:17540165	SSF x Near_LoA	-4,17160539	0,048	0,306
CHR4	17540168	CHR4:17540168	SSF x Near_LoA	-9,72288811	-0,010	0,316
CHR4	17540199	CHR4:17540199	SSF x Near_LoA	-9,6142968	0,042	0,307
CHR4	17540254	CHR4:17540254	SSF x Near_LoA	-9,63733783	-0,008	0,294
CHR4	17540269	CHR4:17540269	SSF x Near_LoA	-8,98628228	0,007	0,306
CHR4	17540314	CHR4:17540314	SSF x Near_LoA	-11,6542802	0,003	0,312
CHR4	17540337	CHR4:17540337	SSF x Near_LoA	-10,4829175	0,083	0,314
CHR4	17544541	CHR4:17544541	SSF x Near_LoA	-7,99431365	-0,071	0,314
CHR4	17544552	CHR4:17544552	SSF x Near_LoA	-11,2098518	-0,086	0,306
CHR4	17544609	CHR4:17544609	SSF x Near_LoA	-10,1086053	0,042	0,313
CHR4	17544625	CHR4:17544625	SSF x Near_LoA	-8,52770483	-0,080	0,314
CHR4	17547070	CHR4:17547070	SSF x Near_LoA	-10,3878448	0,024	0,316
CHR4	17547125	CHR4:17547125	SSF x Near_LoA	-8,71550552	0,015	0,315
CHR4	17547194	CHR4:17547194	SSF x Near_LoA	-10,394208	0,022	0,315
CHR4	17547220	CHR4:17547220	SSF x Near_LoA	-9,26019198	-0,065	0,316
CHR4	17547306	CHR4:17547306	SSF x Near_LoA	-9,92600465	0,035	0,305
CHR4	17555087	CHR4:17555087	SSF x Near_LoA	-7,55249373	0,088	0,310
CHR4	17555145	CHR4:17555145	SSF x Near_LoA	-11,2286523	0,097	0,304
CHR4	17573430	CHR4:17573430	SSF x Near_LoA	-6,53194225	0,124	0,292
CHR4	17573446	CHR4:17573446	SSF x Near_LoA	-6,63922017	-0,204	0,296

CHR4	17575793	CHR4:17575793	SSF x Near_LoA	-7,75864587	0,116	0,318
CHR4	17575957	CHR4:17575957	SSF x Near_LoA	-6,12837587	-0,163	0,302
CHR4	17582902	CHR4:17582902	SSF x Near_LoA	-9,11905931	-0,052	0,301
CHR4	17583036	CHR4:17583036	SSF x Near_LoA	-8,20866833	-0,088	0,311
CHR4	17583083	CHR4:17583083	SSF x Near_LoA	-6,24871722	0,028	0,304
CHR4	17583105	CHR4:17583105	SSF x Near_LoA	-9,86818302	0,033	0,298
CHR4	17583111	CHR4:17583111	SSF x Near_LoA	-8,04855505	0,131	0,292
CHR4	17585032	CHR4:17585032	SSF x Near_LoA	-11,1810001	-0,076	0,293
CHR4	17587977	CHR4:17587977	SSF x Near_LoA	-10,8005767	0,059	0,299
CHR4	17588270	CHR4:17588270	SSF x Near_LoA	-10,7603679	0,019	0,305
CHR4	17588272	CHR4:17588272	SSF x Near_LoA	-11,1005796	-0,018	0,310
CHR4	17598880	CHR4:17598880	SSF x Near_LoA	-8,15596181	-0,010	0,308
CHR4	17598994	CHR4:17598994	SSF x Near_LoA	-8,95782332	-0,013	0,303
CHR4	17599071	CHR4:17599071	SSF x Near_LoA	-8,85681192	0,026	0,326
CHR4	17603909	CHR4:17603909	SSF x Near_LoA	-8,5911207	-0,009	0,308
CHR4	17604165	CHR4:17604165	SSF x Near_LoA	-10,3874709	0,009	0,309
CHR4	17606507	CHR4:17606507	SSF x Near_LoA	-12,0325252	-0,015	0,302
CHR4	17610795	CHR4:17610795	SSF x Near_LoA	-12,1136611	-0,038	0,289
CHR4	17610837	CHR4:17610837	SSF x Near_LoA	-7,85963388	-0,097	0,312
CHR4	17610903	CHR4:17610903	SSF x Near_LoA	-5,87938224	-0,165	0,306
CHR4	17619186	CHR4:17619186	SSF x Near_LoA	-8,98452107	-0,034	0,304
CHR4	17619198	CHR4:17619198	SSF x Near_LoA	-5,83971532	0,084	0,304
CHR4	17619273	CHR4:17619273	SSF x Near_LoA	-8,20027478	-0,038	0,326
CHR4	17619404	CHR4:17619404	SSF x Near_LoA	-8,59272755	0,104	0,312
CHR4	17629071	CHR4:17629071	SSF x Near_LoA	-8,81647567	-0,047	0,316
CHR4	17633422	CHR4:17633422	SSF x Near_LoA	-11,2706088	0,061	0,320
CHR4	17638858	CHR4:17638858	SSF x Near_LoA	-10,1822787	-0,041	0,323
CHR4	17638883	CHR4:17638883	SSF x Near_LoA	-9,71838312	-0,095	0,295
CHR4	17650154	CHR4:17650154	SSF x Near_LoA	-11,0184373	0,017	0,303
CHR4	17650158	CHR4:17650158	SSF x Near_LoA	-11,4630339	0,036	0,299
CHR4	17650174	CHR4:17650174	SSF x Near_LoA	-9,98281531	0,012	0,300
CHR4	17650201	CHR4:17650201	SSF x Near_LoA	-3,57954069	-0,064	0,290
CHR4	17650250	CHR4:17650250	SSF x Near_LoA	-9,27830495	-0,021	0,304
CHR4	17650362	CHR4:17650362	SSF x Near_LoA	-8,4639561	-0,022	0,302
CHR4	1765098	CHR4:1765098	SSF x Near_LoA	-9,33368888	0,006	0,312
CHR4	1765114	CHR4:1765114	SSF x Near_LoA	-9,88923552	-0,082	0,312
CHR4	17687767	CHR4:17687767	SSF x Near_LoA	-9,55635325	-0,004	0,320
CHR4	17709742	CHR4:17709742	SSF x Near_LoA	-7,5687007	-0,026	0,292
CHR4	17709765	CHR4:17709765	SSF x Near_LoA	-6,35088377	0,119	0,304
CHR4	1772903	CHR4:1772903	SSF x Near_LoA	-8,65372322	-0,063	0,307
CHR4	17739597	CHR4:17739597	SSF x Near_LoA	-10,0255385	-0,016	0,303
CHR4	17753915	CHR4:17753915	SSF x Near_LoA	-8,2795768	0,026	0,326
CHR4	17753980	CHR4:17753980	SSF x Near_LoA	-6,95609616	-0,012	0,325
CHR4	17754121	CHR4:17754121	SSF x Near_LoA	-8,695281	-0,031	0,322
CHR4	17754192	CHR4:17754192	SSF x Near_LoA	-7,61546669	-0,007	0,312
CHR4	17754203	CHR4:17754203	SSF x Near_LoA	-7,8056663	-0,013	0,313
CHR4	17754221	CHR4:17754221	SSF x Near_LoA	-7,40062271	-0,001	0,322
CHR4	17754252	CHR4:17754252	SSF x Near_LoA	-8,46133895	0,011	0,321
CHR4	17754278	CHR4:17754278	SSF x Near_LoA	-7,99286325	-0,006	0,316
CHR4	17754288	CHR4:17754288	SSF x Near_LoA	-9,48976101	0,005	0,315
CHR4	17754337	CHR4:17754337	SSF x Near_LoA	-7,00423382	-0,026	0,328
CHR4	17763188	CHR4:17763188	SSF x Near_LoA	-5,43286385	-0,043	0,325
CHR4	1778486	CHR4:1778486	SSF x Near_LoA	-10,2243171	-0,068	0,317

CHR4	1778514	CHR4:1778514	SSF x Near_LoA	-11,08558	-0,055	0,309
CHR4	1778550	CHR4:1778550	SSF x Near_LoA	-9,03132178	-0,077	0,299
CHR4	1778633	CHR4:1778633	SSF x Near_LoA	-7,80136852	0,046	0,315
CHR4	1778654	CHR4:1778654	SSF x Near_LoA	-9,58964785	0,026	0,288
CHR4	1778658	CHR4:1778658	SSF x Near_LoA	-8,54821467	-0,086	0,315
CHR4	1778668	CHR4:1778668	SSF x Near_LoA	-10,0137116	-0,088	0,293
CHR4	1778689	CHR4:1778689	SSF x Near_LoA	-10,5766841	0,029	0,323
CHR4	1778700	CHR4:1778700	SSF x Near_LoA	-8,81347985	-0,024	0,296
CHR4	17901675	CHR4:17901675	SSF x Near_LoA	-10,3240389	-0,006	0,296
CHR4	1790878	CHR4:1790878	SSF x Near_LoA	-11,356366	0,090	0,313
CHR4	1790885	CHR4:1790885	SSF x Near_LoA	-9,95081981	-0,019	0,301
CHR4	1790911	CHR4:1790911	SSF x Near_LoA	-10,1256526	0,047	0,300
CHR4	1790935	CHR4:1790935	SSF x Near_LoA	-7,98546394	0,016	0,309
CHR4	1790940	CHR4:1790940	SSF x Near_LoA	-11,1717857	-0,011	0,315
CHR4	1790968	CHR4:1790968	SSF x Near_LoA	-9,86171141	-0,009	0,308
CHR4	18060282	CHR4:18060282	SSF x Near_LoA	-8,19049778	0,009	0,325
CHR4	18060311	CHR4:18060311	SSF x Near_LoA	-8,99277485	-0,011	0,315
CHR4	18060391	CHR4:18060391	SSF x Near_LoA	-8,43503957	-0,001	0,312
CHR4	18111621	CHR4:18111621	SSF x Near_LoA	-9,56569583	0,037	0,312
CHR4	1812553	CHR4:1812553	SSF x Near_LoA	-9,13803208	0,187	0,296
CHR4	1813336	CHR4:1813336	SSF x Near_LoA	-7,94385919	0,171	0,288
CHR4	18186166	CHR4:18186166	SSF x Near_LoA	-9,52413927	-0,023	0,307
CHR4	18186177	CHR4:18186177	SSF x Near_LoA	-9,69835255	-0,009	0,303
CHR4	18186184	CHR4:18186184	SSF x Near_LoA	-8,66824784	-0,015	0,301
CHR4	18186201	CHR4:18186201	SSF x Near_LoA	-10,0311391	-0,039	0,298
CHR4	18186212	CHR4:18186212	SSF x Near_LoA	-9,45689591	-0,011	0,308
CHR4	18186233	CHR4:18186233	SSF x Near_LoA	-9,07428806	-0,015	0,310
CHR4	18186238	CHR4:18186238	SSF x Near_LoA	-10,0663939	-0,017	0,300
CHR4	18186239	CHR4:18186239	SSF x Near_LoA	-10,2282414	-0,012	0,311
CHR4	18186278	CHR4:18186278	SSF x Near_LoA	-9,81939229	-0,032	0,310
CHR4	18186288	CHR4:18186288	SSF x Near_LoA	-8,28885545	0,002	0,308
CHR4	18186295	CHR4:18186295	SSF x Near_LoA	-9,53682532	-0,003	0,295
CHR4	1819468	CHR4:1819468	SSF x Near_LoA	-8,55425236	-0,061	0,326
CHR4	1819526	CHR4:1819526	SSF x Near_LoA	-9,01503532	0,140	0,311
CHR4	18195768	CHR4:18195768	SSF x Near_LoA	-7,62181865	0,074	0,316
CHR4	18215581	CHR4:18215581	SSF x Near_LoA	-10,2653325	0,032	0,303
CHR4	18269970	CHR4:18269970	SSF x Near_LoA	-8,96544408	-0,012	0,308
CHR4	18269982	CHR4:18269982	SSF x Near_LoA	-6,2806397	-0,033	0,321
CHR4	18270050	CHR4:18270050	SSF x Near_LoA	-9,15635539	-0,015	0,315
CHR4	18321086	CHR4:18321086	SSF x Near_LoA	-8,32652561	-0,035	0,301
CHR4	1834055	CHR4:1834055	SSF x Near_LoA	-8,08035293	0,120	0,308
CHR4	1834129	CHR4:1834129	SSF x Near_LoA	-8,85439893	-0,107	0,295
CHR4	1834213	CHR4:1834213	SSF x Near_LoA	-10,5293984	-0,015	0,312
CHR4	1835640	CHR4:1835640	SSF x Near_LoA	-8,86147695	0,117	0,307
CHR4	18368277	CHR4:18368277	SSF x Near_LoA	-8,12215019	0,002	0,315
CHR4	18500644	CHR4:18500644	SSF x Near_LoA	-10,5033282	0,076	0,299
CHR4	185162	CHR4:185162	SSF x Near_LoA	-7,17395276	0,136	0,303
CHR4	18525989	CHR4:18525989	SSF x Near_LoA	-11,1532809	0,081	0,294
CHR4	185278	CHR4:185278	SSF x Near_LoA	-7,76142102	-0,059	0,311
CHR4	18535835	CHR4:18535835	SSF x Near_LoA	-5,9695786	-0,046	0,308
CHR4	18611947	CHR4:18611947	SSF x Near_LoA	-10,5457284	0,008	0,307
CHR4	18653737	CHR4:18653737	SSF x Near_LoA	-10,7982825	0,028	0,301
CHR4	18747758	CHR4:18747758	SSF x Near_LoA	-9,64163538	-0,003	0,309

CHR4	18747762	CHR4:18747762	SSF x Near_LoA	-8,78254337	0,001	0,322
CHR4	18747777	CHR4:18747777	SSF x Near_LoA	-9,11633792	-0,004	0,314
CHR4	18747825	CHR4:18747825	SSF x Near_LoA	-9,35226013	0,013	0,307
CHR4	18747833	CHR4:18747833	SSF x Near_LoA	-8,90784683	0,003	0,313
CHR4	18747857	CHR4:18747857	SSF x Near_LoA	-8,91765181	0,002	0,321
CHR4	18747899	CHR4:18747899	SSF x Near_LoA	-9,29617792	0,019	0,304
CHR4	18747906	CHR4:18747906	SSF x Near_LoA	-6,68279778	0,042	0,324
CHR4	18747916	CHR4:18747916	SSF x Near_LoA	-9,15761563	-0,001	0,309
CHR4	18747944	CHR4:18747944	SSF x Near_LoA	-7,52520622	0,034	0,326
CHR4	18747988	CHR4:18747988	SSF x Near_LoA	-8,58166417	-0,035	0,321
CHR4	18747992	CHR4:18747992	SSF x Near_LoA	-8,94825311	0,012	0,315
CHR4	18748044	CHR4:18748044	SSF x Near_LoA	-7,93149218	0,016	0,310
CHR4	18748100	CHR4:18748100	SSF x Near_LoA	-8,94812435	-0,013	0,300
CHR4	18748129	CHR4:18748129	SSF x Near_LoA	-8,90354215	0,022	0,325
CHR4	1875451	CHR4:1875451	SSF x Near_LoA	-7,92605052	0,101	0,299
CHR4	1875458	CHR4:1875458	SSF x Near_LoA	-8,09103023	0,140	0,301
CHR4	1875481	CHR4:1875481	SSF x Near_LoA	-9,1543457	0,058	0,303
CHR4	18789614	CHR4:18789614	SSF x Near_LoA	-7,40444616	0,038	0,307
CHR4	18789620	CHR4:18789620	SSF x Near_LoA	-9,20426259	0,007	0,307
CHR4	18789683	CHR4:18789683	SSF x Near_LoA	-8,14077331	0,020	0,317
CHR4	18789693	CHR4:18789693	SSF x Near_LoA	-9,10573912	0,004	0,314
CHR4	18789710	CHR4:18789710	SSF x Near_LoA	-8,47190394	0,011	0,318
CHR4	18795935	CHR4:18795935	SSF x Near_LoA	-8,93386535	-0,027	0,317
CHR4	18795940	CHR4:18795940	SSF x Near_LoA	-9,40937596	0,004	0,310
CHR4	18796011	CHR4:18796011	SSF x Near_LoA	-8,82541159	0,013	0,316
CHR4	18796022	CHR4:18796022	SSF x Near_LoA	-8,95922278	0,005	0,318
CHR4	18796026	CHR4:18796026	SSF x Near_LoA	-8,17867433	0,003	0,331
CHR4	18796032	CHR4:18796032	SSF x Near_LoA	-6,73254084	-0,004	0,315
CHR4	18796058	CHR4:18796058	SSF x Near_LoA	-7,8593289	0,021	0,328
CHR4	18796059	CHR4:18796059	SSF x Near_LoA	-8,10618057	-0,018	0,327
CHR4	18796060	CHR4:18796060	SSF x Near_LoA	-8,15014596	-0,067	0,319
CHR4	18796070	CHR4:18796070	SSF x Near_LoA	-6,85065027	-0,047	0,312
CHR4	18812255	CHR4:18812255	SSF x Near_LoA	-9,27992009	-0,017	0,302
CHR4	18812266	CHR4:18812266	SSF x Near_LoA	-7,34536647	-0,152	0,291
CHR4	18889968	CHR4:18889968	SSF x Near_LoA	-10,3258182	0,079	0,320
CHR4	18892433	CHR4:18892433	SSF x Near_LoA	-8,34140584	0,010	0,303
CHR4	18912389	CHR4:18912389	SSF x Near_LoA	-10,9977682	0,073	0,316
CHR4	18970440	CHR4:18970440	SSF x Near_LoA	-6,04385948	0,137	0,303
CHR4	19036926	CHR4:19036926	SSF x Near_LoA	-9,69252156	0,076	0,314
CHR4	1906124	CHR4:1906124	SSF x Near_LoA	-9,70904807	-0,166	0,302
CHR4	1906253	CHR4:1906253	SSF x Near_LoA	-6,07211019	-0,045	0,304
CHR4	19085509	CHR4:19085509	SSF x Near_LoA	-10,0490967	0,058	0,312
CHR4	19153037	CHR4:19153037	SSF x Near_LoA	-9,7966231	-0,004	0,321
CHR4	19153064	CHR4:19153064	SSF x Near_LoA	-10,7350295	0,026	0,309
CHR4	19153196	CHR4:19153196	SSF x Near_LoA	-10,2563098	0,035	0,311
CHR4	19153209	CHR4:19153209	SSF x Near_LoA	-10,2218435	0,010	0,307
CHR4	19160186	CHR4:19160186	SSF x Near_LoA	-9,69500423	0,068	0,316
CHR4	19170612	CHR4:19170612	SSF x Near_LoA	-8,26119688	0,003	0,300
CHR4	19170674	CHR4:19170674	SSF x Near_LoA	-8,5275133	0,045	0,297
CHR4	19170698	CHR4:19170698	SSF x Near_LoA	-7,49770997	0,001	0,314
CHR4	1918133	CHR4:1918133	SSF x Near_LoA	-8,98926365	0,061	0,297
CHR4	1918171	CHR4:1918171	SSF x Near_LoA	-8,2417742	0,028	0,309
CHR4	1919231	CHR4:1919231	SSF x Near_LoA	-9,94875544	-0,024	0,319

CHR4	1919303	CHR4:1919303	SSF x Near_LoA	-7,64985016	0,118	0,300
CHR4	19199664	CHR4:19199664	SSF x Near_LoA	-8,36089315	0,009	0,303
CHR4	19199781	CHR4:19199781	SSF x Near_LoA	-9,46876292	-0,011	0,306
CHR4	19207583	CHR4:19207583	SSF x Near_LoA	-9,45056863	-0,010	0,322
CHR4	19219680	CHR4:19219680	SSF x Near_LoA	-5,14974918	0,046	0,304
CHR4	19219713	CHR4:19219713	SSF x Near_LoA	-8,371594	0,042	0,321
CHR4	19225731	CHR4:19225731	SSF x Near_LoA	-4,04883576	-0,038	0,321
CHR4	19257754	CHR4:19257754	SSF x Near_LoA	-10,0105037	0,048	0,299
CHR4	19309221	CHR4:19309221	SSF x Near_LoA	-4,85529261	-0,002	0,310
CHR4	1932438	CHR4:1932438	SSF x Near_LoA	-9,52314603	0,068	0,312
CHR4	19373168	CHR4:19373168	SSF x Near_LoA	-8,27718604	-0,074	0,318
CHR4	19382706	CHR4:19382706	SSF x Near_LoA	-7,77490863	-0,103	0,312
CHR4	19382779	CHR4:19382779	SSF x Near_LoA	-7,09411183	-0,054	0,326
CHR4	19387908	CHR4:19387908	SSF x Near_LoA	-7,59615469	-0,205	0,305
CHR4	19387942	CHR4:19387942	SSF x Near_LoA	-11,1864929	0,021	0,308
CHR4	19387954	CHR4:19387954	SSF x Near_LoA	-10,1518973	-0,124	0,301
CHR4	19387958	CHR4:19387958	SSF x Near_LoA	-6,25546623	-0,147	0,312
CHR4	19388131	CHR4:19388131	SSF x Near_LoA	-10,9018283	-0,090	0,299
CHR4	1939653	CHR4:1939653	SSF x Near_LoA	-8,28162763	-0,033	0,313
CHR4	1939671	CHR4:1939671	SSF x Near_LoA	-5,53991759	0,125	0,307
CHR4	19404442	CHR4:19404442	SSF x Near_LoA	-9,35788106	-0,057	0,312
CHR4	19404473	CHR4:19404473	SSF x Near_LoA	-6,6149852	-0,099	0,305
CHR4	1940465	CHR4:1940465	SSF x Near_LoA	-10,165789	0,047	0,303
CHR4	1940493	CHR4:1940493	SSF x Near_LoA	-9,15248394	0,003	0,298
CHR4	1940530	CHR4:1940530	SSF x Near_LoA	-7,86880014	0,047	0,307
CHR4	19421554	CHR4:19421554	SSF x Near_LoA	-9,18070933	-0,086	0,309
CHR4	19423533	CHR4:19423533	SSF x Near_LoA	-10,12065	-0,037	0,308
CHR4	19423581	CHR4:19423581	SSF x Near_LoA	-11,3925695	-0,032	0,296
CHR4	19445503	CHR4:19445503	SSF x Near_LoA	-10,4869878	-0,032	0,301
CHR4	19445706	CHR4:19445706	SSF x Near_LoA	-9,73009097	-0,032	0,295
CHR4	19451338	CHR4:19451338	SSF x Near_LoA	-7,03667973	-0,086	0,298
CHR4	19451402	CHR4:19451402	SSF x Near_LoA	-7,93686999	-0,061	0,310
CHR4	19451422	CHR4:19451422	SSF x Near_LoA	-8,48902806	-0,082	0,308
CHR4	19451460	CHR4:19451460	SSF x Near_LoA	-6,63644398	-0,114	0,293
CHR4	19451623	CHR4:19451623	SSF x Near_LoA	-9,17385702	-0,098	0,292
CHR4	19451632	CHR4:19451632	SSF x Near_LoA	-8,5606652	-0,080	0,288
CHR4	19451696	CHR4:19451696	SSF x Near_LoA	-9,17686308	-0,091	0,302
CHR4	19451700	CHR4:19451700	SSF x Near_LoA	-6,88355855	-0,084	0,307
CHR4	19462083	CHR4:19462083	SSF x Near_LoA	-12,42712	0,022	0,309
CHR4	1949754	CHR4:1949754	SSF x Near_LoA	-8,89969435	0,046	0,306
CHR4	1949755	CHR4:1949755	SSF x Near_LoA	-9,59745753	0,029	0,310
CHR4	1949795	CHR4:1949795	SSF x Near_LoA	-10,2550985	-0,061	0,307
CHR4	1949843	CHR4:1949843	SSF x Near_LoA	-10,3515129	-0,090	0,305
CHR4	1949861	CHR4:1949861	SSF x Near_LoA	-8,2779272	-0,181	0,296
CHR4	1949925	CHR4:1949925	SSF x Near_LoA	-9,85028702	-0,019	0,309
CHR4	1949973	CHR4:1949973	SSF x Near_LoA	-9,66572878	0,014	0,300
CHR4	2E+07	CHR4:19508974	SSF x Near_LoA	-9,68062095	-0,038	0,311
CHR4	2E+07	CHR4:19538188	SSF x Near_LoA	-11,7339829	0,056	0,307
CHR4	2E+07	CHR4:19551062	SSF x Near_LoA	-11,6132712	0,035	0,303
CHR4	2E+07	CHR4:19555111	SSF x Near_LoA	-10,9979881	-0,010	0,314
CHR4	2E+07	CHR4:19569037	SSF x Near_LoA	-8,85179602	0,096	0,303
CHR4	2E+07	CHR4:19569161	SSF x Near_LoA	-10,530987	0,032	0,299
CHR4	2E+07	CHR4:19581566	SSF x Near_LoA	-6,15771109	0,060	0,311

CHR4	2E+07	CHR4:19581610	SSF x Near_LoA	-10,5779471	0,001	0,303
CHR4	2E+07	CHR4:19581657	SSF x Near_LoA	-7,97266595	0,134	0,302
CHR4	2E+07	CHR4:19592121	SSF x Near_LoA	-12,0092624	0,011	0,292
CHR4	2E+07	CHR4:19592146	SSF x Near_LoA	-9,09215674	0,033	0,314
CHR4	2E+07	CHR4:19596782	SSF x Near_LoA	-8,4556288	-0,086	0,309
CHR4	2E+07	CHR4:19596783	SSF x Near_LoA	-9,17770578	-0,044	0,309
CHR4	2E+07	CHR4:19596831	SSF x Near_LoA	-10,4687877	-0,059	0,310
CHR4	2E+07	CHR4:19596832	SSF x Near_LoA	-8,55083828	-0,080	0,310
CHR4	2E+07	CHR4:19615223	SSF x Near_LoA	-10,4492972	0,029	0,311
CHR4	2E+07	CHR4:19622556	SSF x Near_LoA	-10,3135353	-0,055	0,310
CHR4	2E+07	CHR4:19622559	SSF x Near_LoA	-8,84764427	0,036	0,319
CHR4	2E+07	CHR4:19622560	SSF x Near_LoA	-8,81024352	0,029	0,321
CHR4	2E+07	CHR4:19622657	SSF x Near_LoA	-11,425242	0,065	0,305
CHR4	2E+07	CHR4:19627651	SSF x Near_LoA	-8,04759593	-0,005	0,315
CHR4	2E+07	CHR4:19627756	SSF x Near_LoA	-8,52642985	0,010	0,315
CHR4	2E+07	CHR4:19634800	SSF x Near_LoA	-10,1304057	0,099	0,308
CHR4	2E+07	CHR4:19645418	SSF x Near_LoA	-10,6701263	-0,006	0,310
CHR4	2E+07	CHR4:19645454	SSF x Near_LoA	-6,14810532	0,175	0,290
CHR4	2E+07	CHR4:19645459	SSF x Near_LoA	-7,36057674	0,179	0,294
CHR4	2E+07	CHR4:19645461	SSF x Near_LoA	-6,16860705	0,179	0,286
CHR4	2E+07	CHR4:19645481	SSF x Near_LoA	-8,45756958	0,042	0,310
CHR4	2E+07	CHR4:19645514	SSF x Near_LoA	-6,75813907	0,227	0,280
CHR4	2E+07	CHR4:19654042	SSF x Near_LoA	-9,44747602	0,039	0,321
CHR4	2E+07	CHR4:19654045	SSF x Near_LoA	-9,36977638	0,051	0,327
CHR4	2E+07	CHR4:19654101	SSF x Near_LoA	-10,3748919	0,084	0,304
CHR4	2E+07	CHR4:19656362	SSF x Near_LoA	-11,5025142	0,023	0,322
CHR4	2E+07	CHR4:19656435	SSF x Near_LoA	-10,239031	0,080	0,313
CHR4	1966630	CHR4:1966630	SSF x Near_LoA	-10,3453157	-0,042	0,310
CHR4	1966906	CHR4:1966906	SSF x Near_LoA	-10,0341886	-0,147	0,284
CHR4	2E+07	CHR4:19670617	SSF x Near_LoA	-11,079031	0,056	0,309
CHR4	2E+07	CHR4:19670620	SSF x Near_LoA	-8,55475082	-0,107	0,298
CHR4	2E+07	CHR4:19670644	SSF x Near_LoA	-9,31804937	-0,048	0,313
CHR4	2E+07	CHR4:19670657	SSF x Near_LoA	-10,8654715	-0,019	0,317
CHR4	2E+07	CHR4:19670668	SSF x Near_LoA	-6,02094914	-0,088	0,305
CHR4	2E+07	CHR4:19670682	SSF x Near_LoA	-8,34004444	-0,094	0,289
CHR4	2E+07	CHR4:19670686	SSF x Near_LoA	-9,09722375	-0,052	0,309
CHR4	2E+07	CHR4:19670725	SSF x Near_LoA	-10,1384486	0,056	0,299
CHR4	2E+07	CHR4:19670786	SSF x Near_LoA	-0,36826974	-0,120	0,304
CHR4	2E+07	CHR4:19670814	SSF x Near_LoA	-9,99938689	0,083	0,306
CHR4	2E+07	CHR4:19676387	SSF x Near_LoA	-9,07680624	-0,001	0,310
CHR4	2E+07	CHR4:19676522	SSF x Near_LoA	-11,5860929	0,020	0,316
CHR4	2E+07	CHR4:19676537	SSF x Near_LoA	-8,90210493	0,024	0,311
CHR4	2E+07	CHR4:19676539	SSF x Near_LoA	-8,55681314	0,016	0,308
CHR4	2E+07	CHR4:19676556	SSF x Near_LoA	-8,07045688	0,043	0,319
CHR4	2E+07	CHR4:19676575	SSF x Near_LoA	-8,91399072	0,009	0,318
CHR4	2E+07	CHR4:19679605	SSF x Near_LoA	-7,38175807	0,124	0,299
CHR4	2E+07	CHR4:19679647	SSF x Near_LoA	-2,47202933	0,161	0,296
CHR4	2E+07	CHR4:19679663	SSF x Near_LoA	-8,02736247	0,128	0,300
CHR4	2E+07	CHR4:19679668	SSF x Near_LoA	-3,67778438	0,133	0,298
CHR4	2E+07	CHR4:19679678	SSF x Near_LoA	-6,1914195	0,157	0,295
CHR4	2E+07	CHR4:19680977	SSF x Near_LoA	-9,60597173	-0,030	0,311
CHR4	2E+07	CHR4:19680978	SSF x Near_LoA	-11,5757806	-0,043	0,310
CHR4	2E+07	CHR4:19699220	SSF x Near_LoA	-11,5757768	0,017	0,308

CHR4	2E+07	CHR4:19699235	SSF x Near_LoA	2,60059303	0,180	0,301
CHR4	2E+07	CHR4:19701220	SSF x Near_LoA	-7,02759707	0,094	0,286
CHR4	2E+07	CHR4:19701221	SSF x Near_LoA	-3,91971913	0,087	0,298
CHR4	2E+07	CHR4:19701234	SSF x Near_LoA	-7,76565349	0,101	0,287
CHR4	2E+07	CHR4:19701268	SSF x Near_LoA	-8,92133602	0,075	0,304
CHR4	2E+07	CHR4:19701326	SSF x Near_LoA	-10,0321421	-0,041	0,299
CHR4	2E+07	CHR4:19701336	SSF x Near_LoA	-9,21251724	-0,031	0,310
CHR4	2E+07	CHR4:19701369	SSF x Near_LoA	-10,5384269	0,045	0,314
CHR4	2E+07	CHR4:19720655	SSF x Near_LoA	-10,038708	0,012	0,311
CHR4	2E+07	CHR4:19720750	SSF x Near_LoA	-11,3560497	0,062	0,302
CHR4	2E+07	CHR4:19720774	SSF x Near_LoA	-11,0624763	0,031	0,310
CHR4	2E+07	CHR4:19720811	SSF x Near_LoA	-8,14018884	-0,016	0,315
CHR4	2E+07	CHR4:19720826	SSF x Near_LoA	-9,29504568	-0,089	0,305
CHR4	2E+07	CHR4:19720835	SSF x Near_LoA	-8,55282937	-0,091	0,311
CHR4	2E+07	CHR4:19720837	SSF x Near_LoA	-8,0990519	-0,122	0,318
CHR4	2E+07	CHR4:19720880	SSF x Near_LoA	-7,03132179	-0,142	0,300
CHR4	2E+07	CHR4:19720891	SSF x Near_LoA	-7,5480785	-0,155	0,295
CHR4	2E+07	CHR4:19720943	SSF x Near_LoA	-8,21396993	-0,156	0,309
CHR4	2E+07	CHR4:19720995	SSF x Near_LoA	-8,4006534	0,044	0,330
CHR4	1973435	CHR4:1973435	SSF x Near_LoA	-6,95321066	-0,199	0,304
CHR4	1973498	CHR4:1973498	SSF x Near_LoA	-8,37778578	0,089	0,299
CHR4	1973537	CHR4:1973537	SSF x Near_LoA	-10,1822453	-0,055	0,301
CHR4	1973558	CHR4:1973558	SSF x Near_LoA	-3,06037349	0,162	0,296
CHR4	2E+07	CHR4:19735894	SSF x Near_LoA	-9,98444909	-0,069	0,314
CHR4	2E+07	CHR4:19735913	SSF x Near_LoA	-10,5158519	0,005	0,321
CHR4	2E+07	CHR4:19735923	SSF x Near_LoA	-9,27103563	0,000	0,295
CHR4	1973606	CHR4:1973606	SSF x Near_LoA	-10,7594717	0,110	0,309
CHR4	1973628	CHR4:1973628	SSF x Near_LoA	-11,4926962	-0,101	0,312
CHR4	2E+07	CHR4:19737367	SSF x Near_LoA	-9,49310284	-0,027	0,319
CHR4	2E+07	CHR4:19737418	SSF x Near_LoA	-5,76496205	-0,047	0,307
CHR4	2E+07	CHR4:19741821	SSF x Near_LoA	-8,69099104	0,014	0,321
CHR4	2E+07	CHR4:19741834	SSF x Near_LoA	-8,61100265	0,029	0,322
CHR4	2E+07	CHR4:19741841	SSF x Near_LoA	-7,94660871	0,131	0,303
CHR4	2E+07	CHR4:19741842	SSF x Near_LoA	-6,15713389	0,125	0,312
CHR4	2E+07	CHR4:19741850	SSF x Near_LoA	-8,58805579	-0,042	0,313
CHR4	2E+07	CHR4:19741858	SSF x Near_LoA	-5,91974376	0,131	0,316
CHR4	2E+07	CHR4:19741900	SSF x Near_LoA	-9,80460442	-0,024	0,298
CHR4	2E+07	CHR4:19741922	SSF x Near_LoA	-8,30785878	-0,019	0,322
CHR4	2E+07	CHR4:19741930	SSF x Near_LoA	-9,42788064	0,000	0,309
CHR4	2E+07	CHR4:19741933	SSF x Near_LoA	-7,8741009	0,084	0,313
CHR4	2E+07	CHR4:19741935	SSF x Near_LoA	-10,5205841	-0,083	0,299
CHR4	2E+07	CHR4:19742835	SSF x Near_LoA	-10,4273776	0,031	0,306
CHR4	2E+07	CHR4:19742869	SSF x Near_LoA	-9,96306628	0,004	0,312
CHR4	2E+07	CHR4:19742876	SSF x Near_LoA	-10,0148989	-0,109	0,285
CHR4	2E+07	CHR4:19780085	SSF x Near_LoA	-8,94276323	-0,043	0,322
CHR4	2E+07	CHR4:19780217	SSF x Near_LoA	-7,32059493	-0,179	0,288
CHR4	2E+07	CHR4:19780255	SSF x Near_LoA	-9,05106521	-0,113	0,306
CHR4	2E+07	CHR4:19780272	SSF x Near_LoA	-9,29071181	-0,005	0,298
CHR4	2E+07	CHR4:19780281	SSF x Near_LoA	-8,69705974	-0,002	0,292
CHR4	2E+07	CHR4:19780293	SSF x Near_LoA	-9,9773975	0,100	0,310
CHR4	2E+07	CHR4:19780345	SSF x Near_LoA	-10,6035315	-0,045	0,311
CHR4	2E+07	CHR4:19783045	SSF x Near_LoA	-8,79038619	-0,058	0,293
CHR4	2E+07	CHR4:19783150	SSF x Near_LoA	-8,33705347	0,048	0,308

CHR4	2E+07	CHR4:19783157	SSF x Near_LoA	-10,2219616	-0,121	0,311
CHR4	2E+07	CHR4:19785933	SSF x Near_LoA	-10,6151988	-0,084	0,309
CHR4	2E+07	CHR4:19785953	SSF x Near_LoA	-8,87095262	0,042	0,315
CHR4	2E+07	CHR4:19787444	SSF x Near_LoA	-11,0818927	-0,063	0,315
CHR4	2E+07	CHR4:19787584	SSF x Near_LoA	-5,89890626	-0,104	0,317
CHR4	1979360	CHR4:1979360	SSF x Near_LoA	-5,23460695	0,140	0,300
CHR4	1979625	CHR4:1979625	SSF x Near_LoA	-11,8597279	0,056	0,302
CHR4	2E+07	CHR4:19803066	SSF x Near_LoA	-8,66847659	0,155	0,298
CHR4	2E+07	CHR4:19803073	SSF x Near_LoA	-6,63437708	0,190	0,301
CHR4	2E+07	CHR4:19803074	SSF x Near_LoA	-0,54025733	0,169	0,307
CHR4	2E+07	CHR4:19813654	SSF x Near_LoA	-9,88292398	0,036	0,302
CHR4	2E+07	CHR4:19813660	SSF x Near_LoA	-6,1407695	0,001	0,300
CHR4	2E+07	CHR4:19813664	SSF x Near_LoA	-9,87291408	0,043	0,303
CHR4	2E+07	CHR4:19813670	SSF x Near_LoA	-11,28324	-0,019	0,312
CHR4	2E+07	CHR4:19813693	SSF x Near_LoA	-12,4578457	0,001	0,293
CHR4	2E+07	CHR4:19813762	SSF x Near_LoA	-11,9849824	-0,072	0,290
CHR4	2E+07	CHR4:19815561	SSF x Near_LoA	-9,0899321	-0,044	0,305
CHR4	2E+07	CHR4:19815602	SSF x Near_LoA	-9,88238627	-0,114	0,310
CHR4	2E+07	CHR4:19837463	SSF x Near_LoA	-8,70159746	-0,021	0,301
CHR4	2E+07	CHR4:19837485	SSF x Near_LoA	-8,11062487	0,009	0,319
CHR4	2E+07	CHR4:19837515	SSF x Near_LoA	-6,87853037	-0,095	0,288
CHR4	2E+07	CHR4:19837519	SSF x Near_LoA	-6,53920033	-0,111	0,281
CHR4	2E+07	CHR4:19837744	SSF x Near_LoA	-7,7899133	-0,132	0,290
CHR4	2E+07	CHR4:19837770	SSF x Near_LoA	1,74530523	-0,145	0,299
CHR4	2E+07	CHR4:19844166	SSF x Near_LoA	-8,37096072	0,045	0,295
CHR4	2E+07	CHR4:19844172	SSF x Near_LoA	-4,3200557	0,139	0,302
CHR4	2E+07	CHR4:19844242	SSF x Near_LoA	-7,795117	0,058	0,304
CHR4	2E+07	CHR4:19844271	SSF x Near_LoA	-8,30859648	0,052	0,307
CHR4	2E+07	CHR4:19844274	SSF x Near_LoA	-11,8864483	-0,037	0,298
CHR4	2E+07	CHR4:19862748	SSF x Near_LoA	7,8080387	-0,046	0,317
CHR4	2E+07	CHR4:19867091	SSF x Near_LoA	-9,07160534	0,005	0,293
CHR4	2E+07	CHR4:19867105	SSF x Near_LoA	-9,62998269	0,040	0,325
CHR4	2E+07	CHR4:19867207	SSF x Near_LoA	-10,3965402	-0,038	0,307
CHR4	2E+07	CHR4:19867214	SSF x Near_LoA	-9,47782997	-0,056	0,305
CHR4	2E+07	CHR4:19868768	SSF x Near_LoA	-7,74941644	-0,121	0,300
CHR4	2E+07	CHR4:19869359	SSF x Near_LoA	-8,9328173	0,020	0,315
CHR4	2E+07	CHR4:19869416	SSF x Near_LoA	-9,19979799	-0,045	0,310
CHR4	2E+07	CHR4:19870837	SSF x Near_LoA	-8,94611377	0,048	0,323
CHR4	2E+07	CHR4:19870847	SSF x Near_LoA	-9,54995774	0,084	0,304
CHR4	2E+07	CHR4:19870870	SSF x Near_LoA	-8,09617457	0,062	0,306
CHR4	2E+07	CHR4:19870918	SSF x Near_LoA	-9,46360508	0,044	0,297
CHR4	2E+07	CHR4:19877863	SSF x Near_LoA	-8,16225859	-0,086	0,312
CHR4	2E+07	CHR4:19877881	SSF x Near_LoA	-9,5477941	0,005	0,304
CHR4	2E+07	CHR4:19877974	SSF x Near_LoA	-9,74892876	-0,008	0,297
CHR4	2E+07	CHR4:19878132	SSF x Near_LoA	-6,46963564	-0,168	0,297
CHR4	2E+07	CHR4:19894724	SSF x Near_LoA	-8,26821337	-0,118	0,303
CHR4	2E+07	CHR4:19899746	SSF x Near_LoA	21,5758606	0,107	0,316
CHR4	2E+07	CHR4:19899748	SSF x Near_LoA	-7,69044143	0,063	0,319
CHR4	2E+07	CHR4:19899751	SSF x Near_LoA	-8,31298184	-0,117	0,299
CHR4	2E+07	CHR4:19899753	SSF x Near_LoA	-6,48772566	-0,108	0,302
CHR4	2E+07	CHR4:19899776	SSF x Near_LoA	-8,75540971	-0,094	0,308
CHR4	2E+07	CHR4:19922993	SSF x Near_LoA	-10,0495403	-0,009	0,299
CHR4	2E+07	CHR4:19929562	SSF x Near_LoA	-11,0286908	-0,092	0,299

CHR4	1993393	CHR4:1993393	SSF x Near_LoA	-7,7604968	-0,011	0,303
CHR4	1993428	CHR4:1993428	SSF x Near_LoA	-8,29675893	0,061	0,303
CHR4	2E+07	CHR4:19939169	SSF x Near_LoA	-9,08470022	0,081	0,291
CHR4	2E+07	CHR4:19942764	SSF x Near_LoA	-10,6687183	0,098	0,299
CHR4	2E+07	CHR4:19942776	SSF x Near_LoA	-9,97450764	0,051	0,313
CHR4	2E+07	CHR4:19942781	SSF x Near_LoA	-1,56503522	-0,056	0,301
CHR4	2E+07	CHR4:19942797	SSF x Near_LoA	-9,07847191	-0,033	0,304
CHR4	2E+07	CHR4:19942815	SSF x Near_LoA	-9,72161346	-0,030	0,299
CHR4	2E+07	CHR4:19972254	SSF x Near_LoA	-7,9553332	-0,136	0,304
CHR4	2E+07	CHR4:19972270	SSF x Near_LoA	-10,2439953	0,120	0,300
CHR4	1997556	CHR4:1997556	SSF x Near_LoA	-9,97950175	0,044	0,313
CHR4	1997563	CHR4:1997563	SSF x Near_LoA	-7,98911606	-0,007	0,315
CHR4	2E+07	CHR4:19979569	SSF x Near_LoA	2,58967773	-0,039	0,314
CHR4	2E+07	CHR4:19979577	SSF x Near_LoA	-8,26251196	-0,037	0,316
CHR4	2E+07	CHR4:19979591	SSF x Near_LoA	-5,94294582	-0,027	0,315
CHR4	2E+07	CHR4:19996855	SSF x Near_LoA	-10,1850384	0,049	0,296
CHR4	2E+07	CHR4:19996945	SSF x Near_LoA	-8,08523357	-0,047	0,299
CHR4	2E+07	CHR4:20006020	SSF x Near_LoA	-9,05495396	0,091	0,302
CHR4	2E+07	CHR4:20017484	SSF x Near_LoA	-9,64466973	0,088	0,305
CHR4	2E+07	CHR4:20027653	SSF x Near_LoA	-11,6830323	-0,049	0,290
CHR4	2E+07	CHR4:20027655	SSF x Near_LoA	-10,8982297	-0,016	0,311
CHR4	2E+07	CHR4:20027739	SSF x Near_LoA	-9,08413171	-0,070	0,298
CHR4	2E+07	CHR4:20027927	SSF x Near_LoA	-9,73720854	-0,030	0,310
CHR4	2E+07	CHR4:20041159	SSF x Near_LoA	-9,91027573	-0,064	0,305
CHR4	2E+07	CHR4:20041333	SSF x Near_LoA	-9,41398996	0,022	0,322
CHR4	2E+07	CHR4:20045643	SSF x Near_LoA	-4,6210963	-0,009	0,329
CHR4	2E+07	CHR4:20045849	SSF x Near_LoA	-10,1619985	-0,029	0,303
CHR4	2E+07	CHR4:20047209	SSF x Near_LoA	-9,22601888	0,012	0,323
CHR4	2E+07	CHR4:20047258	SSF x Near_LoA	-10,9293102	0,066	0,299
CHR4	2E+07	CHR4:20053863	SSF x Near_LoA	-9,73819774	0,067	0,315
CHR4	2E+07	CHR4:20053882	SSF x Near_LoA	-6,91500087	-0,067	0,308
CHR4	2E+07	CHR4:20053890	SSF x Near_LoA	-7,51696114	-0,088	0,313
CHR4	2E+07	CHR4:20053902	SSF x Near_LoA	-7,74740361	0,067	0,311
CHR4	2E+07	CHR4:20053944	SSF x Near_LoA	-8,39003268	0,064	0,309
CHR4	2E+07	CHR4:20053966	SSF x Near_LoA	-9,65249058	0,102	0,300
CHR4	2E+07	CHR4:20054175	SSF x Near_LoA	-9,28849329	0,121	0,318
CHR4	2E+07	CHR4:20054196	SSF x Near_LoA	-9,24863506	-0,071	0,296
CHR4	2E+07	CHR4:20060874	SSF x Near_LoA	-7,74585617	-0,063	0,295
CHR4	2E+07	CHR4:20060954	SSF x Near_LoA	-10,2213473	-0,002	0,308
CHR4	2E+07	CHR4:20060979	SSF x Near_LoA	-11,3178371	0,027	0,292
CHR4	2E+07	CHR4:20061132	SSF x Near_LoA	-9,90680421	-0,032	0,305
CHR4	2E+07	CHR4:20075867	SSF x Near_LoA	-1,08802954	0,256	0,270
CHR4	2E+07	CHR4:20075895	SSF x Near_LoA	-2,223448	0,165	0,302
CHR4	2E+07	CHR4:20077265	SSF x Near_LoA	-4,0449882	0,169	0,295
CHR4	2E+07	CHR4:20077327	SSF x Near_LoA	-5,84944752	0,122	0,315
CHR4	2E+07	CHR4:20077352	SSF x Near_LoA	-7,48907054	0,078	0,325
CHR4	2E+07	CHR4:20077372	SSF x Near_LoA	-3,7499552	-0,094	0,309
CHR4	2E+07	CHR4:20077374	SSF x Near_LoA	-5,8710446	0,071	0,311
CHR4	2E+07	CHR4:20077387	SSF x Near_LoA	-8,48799874	-0,107	0,299
CHR4	2E+07	CHR4:20077388	SSF x Near_LoA	-10,0614608	-0,075	0,305
CHR4	2E+07	CHR4:20077400	SSF x Near_LoA	-7,23674406	-0,035	0,302
CHR4	2E+07	CHR4:20077401	SSF x Near_LoA	-9,16812635	0,045	0,313
CHR4	2E+07	CHR4:20077421	SSF x Near_LoA	-5,97664802	0,112	0,306

CHR4	2E+07	CHR4:20083725	SSF x Near_LoA	-2,96529201	-0,087	0,307
CHR4	2E+07	CHR4:20083734	SSF x Near_LoA	-10,3844402	0,065	0,306
CHR4	2E+07	CHR4:20083771	SSF x Near_LoA	-9,81047679	-0,064	0,301
CHR4	2E+07	CHR4:20084504	SSF x Near_LoA	-7,94365861	-0,091	0,308
CHR4	2E+07	CHR4:20084567	SSF x Near_LoA	-11,5319574	0,001	0,300
CHR4	2E+07	CHR4:20084644	SSF x Near_LoA	-4,12234626	-0,206	0,300
CHR4	2E+07	CHR4:20084683	SSF x Near_LoA	-9,8552024	-0,076	0,302
CHR4	2E+07	CHR4:20084691	SSF x Near_LoA	-9,67275411	-0,108	0,318
CHR4	2E+07	CHR4:20084725	SSF x Near_LoA	-8,47482068	-0,171	0,284
CHR4	2E+07	CHR4:20093694	SSF x Near_LoA	-10,4806023	0,088	0,294
CHR4	2E+07	CHR4:20093748	SSF x Near_LoA	-10,7419315	0,077	0,309
CHR4	2E+07	CHR4:20109714	SSF x Near_LoA	-8,2703532	0,089	0,300
CHR4	2E+07	CHR4:20109715	SSF x Near_LoA	-7,68176217	0,096	0,312
CHR4	2E+07	CHR4:20109774	SSF x Near_LoA	-10,1328305	0,063	0,304
CHR4	2E+07	CHR4:20109791	SSF x Near_LoA	-11,5062018	0,044	0,297
CHR4	2E+07	CHR4:20109847	SSF x Near_LoA	-10,6823054	0,037	0,313
CHR4	2E+07	CHR4:20109953	SSF x Near_LoA	-10,1746329	-0,039	0,303
CHR4	2E+07	CHR4:20127752	SSF x Near_LoA	-5,89029714	-0,084	0,312
CHR4	2E+07	CHR4:20127771	SSF x Near_LoA	-5,54626309	-0,136	0,300
CHR4	2E+07	CHR4:20127798	SSF x Near_LoA	-10,2501058	0,027	0,315
CHR4	2E+07	CHR4:20129000	SSF x Near_LoA	-8,42238819	-0,045	0,323
CHR4	2E+07	CHR4:20129027	SSF x Near_LoA	-6,80081784	0,082	0,316
CHR4	2E+07	CHR4:20129054	SSF x Near_LoA	-11,765851	-0,016	0,300
CHR4	2E+07	CHR4:20129115	SSF x Near_LoA	-10,5278942	-0,011	0,298
CHR4	2013252	CHR4:2013252	SSF x Near_LoA	-7,39428586	0,049	0,306
CHR4	2013326	CHR4:2013326	SSF x Near_LoA	-10,7099928	-0,074	0,318
CHR4	2013328	CHR4:2013328	SSF x Near_LoA	-12,1047428	-0,037	0,299
CHR4	2013329	CHR4:2013329	SSF x Near_LoA	-4,34064326	0,092	0,291
CHR4	2E+07	CHR4:20136715	SSF x Near_LoA	-6,61039523	-0,026	0,313
CHR4	2E+07	CHR4:20136755	SSF x Near_LoA	-7,5701703	0,127	0,297
CHR4	2E+07	CHR4:20136905	SSF x Near_LoA	-8,31121004	0,108	0,314
CHR4	2E+07	CHR4:20145480	SSF x Near_LoA	-8,98314947	-0,056	0,306
CHR4	2E+07	CHR4:20145586	SSF x Near_LoA	-10,3968297	-0,003	0,303
CHR4	2E+07	CHR4:20145591	SSF x Near_LoA	-10,4450982	0,012	0,302
CHR4	2E+07	CHR4:20151172	SSF x Near_LoA	-10,8572692	0,043	0,304
CHR4	2E+07	CHR4:20156789	SSF x Near_LoA	-2,49200327	0,161	0,305
CHR4	2E+07	CHR4:20156904	SSF x Near_LoA	-1,94693888	0,100	0,310
CHR4	2016154	CHR4:2016154	SSF x Near_LoA	-9,42913201	0,003	0,307
CHR4	2016224	CHR4:2016224	SSF x Near_LoA	-7,45105923	0,124	0,303
CHR4	2016228	CHR4:2016228	SSF x Near_LoA	-5,98002162	0,141	0,306
CHR4	2016237	CHR4:2016237	SSF x Near_LoA	-7,95139179	0,113	0,300
CHR4	2E+07	CHR4:20170522	SSF x Near_LoA	-8,55455447	-0,096	0,311
CHR4	2E+07	CHR4:20189966	SSF x Near_LoA	-9,90001106	0,027	0,305
CHR4	2E+07	CHR4:20190016	SSF x Near_LoA	-6,4752044	-0,165	0,288
CHR4	2E+07	CHR4:20190026	SSF x Near_LoA	-6,94880145	-0,156	0,293
CHR4	2E+07	CHR4:20190041	SSF x Near_LoA	-5,21740325	-0,167	0,285
CHR4	2E+07	CHR4:20190060	SSF x Near_LoA	-4,65961447	-0,165	0,278
CHR4	2E+07	CHR4:20190081	SSF x Near_LoA	-7,02103136	-0,148	0,281
CHR4	2019012	CHR4:2019012	SSF x Near_LoA	-9,08468034	0,046	0,311
CHR4	2019056	CHR4:2019056	SSF x Near_LoA	-10,8615476	0,030	0,307
CHR4	2019061	CHR4:2019061	SSF x Near_LoA	-8,06586144	0,068	0,317
CHR4	2019646	CHR4:2019646	SSF x Near_LoA	-10,0827086	-0,114	0,320
CHR4	2019672	CHR4:2019672	SSF x Near_LoA	-10,5669136	-0,026	0,318

CHR4	2019673	CHR4:2019673	SSF x Near_LoA	-9,22382115	0,054	0,309
CHR4	2E+07	CHR4:20229964	SSF x Near_LoA	-9,80425979	0,001	0,310
CHR4	2E+07	CHR4:20232398	SSF x Near_LoA	-11,4088948	0,093	0,295
CHR4	2E+07	CHR4:20242444	SSF x Near_LoA	-10,342748	0,008	0,328
CHR4	2E+07	CHR4:20242556	SSF x Near_LoA	-7,61281576	-0,078	0,311
CHR4	2E+07	CHR4:20242558	SSF x Near_LoA	-9,43140325	-0,049	0,297
CHR4	2E+07	CHR4:20242628	SSF x Near_LoA	-10,1208033	-0,087	0,314
CHR4	2E+07	CHR4:20242650	SSF x Near_LoA	-4,59899714	-0,006	0,305
CHR4	2E+07	CHR4:20257064	SSF x Near_LoA	-8,18377223	0,082	0,293
CHR4	2E+07	CHR4:20276652	SSF x Near_LoA	-8,21536617	0,044	0,309
CHR4	2E+07	CHR4:20276694	SSF x Near_LoA	-9,05471057	0,015	0,326
CHR4	2E+07	CHR4:20276856	SSF x Near_LoA	-9,76720207	0,070	0,316
CHR4	2E+07	CHR4:20276865	SSF x Near_LoA	-7,02520742	-0,137	0,292
CHR4	2E+07	CHR4:20289670	SSF x Near_LoA	-9,12611947	0,069	0,308
CHR4	2E+07	CHR4:20289676	SSF x Near_LoA	-9,30268342	0,054	0,302
CHR4	2E+07	CHR4:20289718	SSF x Near_LoA	-9,92741173	-0,053	0,294
CHR4	2E+07	CHR4:20289757	SSF x Near_LoA	-5,90944113	0,004	0,324
CHR4	2E+07	CHR4:20289899	SSF x Near_LoA	-9,73189861	-0,118	0,311
CHR4	2E+07	CHR4:20289911	SSF x Near_LoA	-7,86535113	0,105	0,295
CHR4	2E+07	CHR4:20295170	SSF x Near_LoA	-8,85335908	0,093	0,319
CHR4	2E+07	CHR4:20295254	SSF x Near_LoA	-9,79895825	0,015	0,300
CHR4	2E+07	CHR4:20295312	SSF x Near_LoA	-10,5619191	-0,007	0,299
CHR4	2E+07	CHR4:20300198	SSF x Near_LoA	-8,25814208	-0,073	0,316
CHR4	2E+07	CHR4:20300256	SSF x Near_LoA	-9,15957638	0,010	0,305
CHR4	2E+07	CHR4:20300353	SSF x Near_LoA	-12,0232826	0,052	0,304
CHR4	2E+07	CHR4:20313830	SSF x Near_LoA	-8,39724495	-0,060	0,307
CHR4	2E+07	CHR4:20313865	SSF x Near_LoA	-9,25480588	0,071	0,300
CHR4	2E+07	CHR4:20313902	SSF x Near_LoA	-10,7614238	0,054	0,298
CHR4	2E+07	CHR4:20313908	SSF x Near_LoA	-10,2250188	-0,036	0,313
CHR4	2E+07	CHR4:20313935	SSF x Near_LoA	-10,2751022	0,045	0,310
CHR4	2E+07	CHR4:20313968	SSF x Near_LoA	-8,08340824	-0,074	0,315
CHR4	2E+07	CHR4:20313971	SSF x Near_LoA	-9,12459407	0,034	0,313
CHR4	2E+07	CHR4:20313974	SSF x Near_LoA	-9,00875246	0,024	0,313
CHR4	2E+07	CHR4:20313995	SSF x Near_LoA	-4,62020282	0,048	0,310
CHR4	2E+07	CHR4:20314022	SSF x Near_LoA	-8,35871866	0,019	0,316
CHR4	2E+07	CHR4:20315944	SSF x Near_LoA	-8,18521339	0,083	0,316
CHR4	2E+07	CHR4:20315953	SSF x Near_LoA	-9,46165735	0,041	0,316
CHR4	2E+07	CHR4:20326696	SSF x Near_LoA	-11,6946423	0,003	0,304
CHR4	2E+07	CHR4:20326771	SSF x Near_LoA	-7,79993287	0,036	0,307
CHR4	2E+07	CHR4:20328590	SSF x Near_LoA	-11,4348342	-0,030	0,309
CHR4	2E+07	CHR4:20328611	SSF x Near_LoA	-11,2973263	0,073	0,306
CHR4	2E+07	CHR4:20328653	SSF x Near_LoA	-9,91199354	0,052	0,308
CHR4	2E+07	CHR4:20332139	SSF x Near_LoA	-7,13989813	-0,021	0,305
CHR4	2E+07	CHR4:20337204	SSF x Near_LoA	-10,581131	0,036	0,297
CHR4	2E+07	CHR4:20338973	SSF x Near_LoA	-11,1451292	-0,019	0,296
CHR4	2E+07	CHR4:20339014	SSF x Near_LoA	-6,10635253	-0,053	0,316
CHR4	2E+07	CHR4:20343070	SSF x Near_LoA	-10,4632327	-0,026	0,320
CHR4	2E+07	CHR4:20343071	SSF x Near_LoA	-11,5208628	-0,038	0,309
CHR4	2E+07	CHR4:20348936	SSF x Near_LoA	-8,95742541	-0,003	0,309
CHR4	2E+07	CHR4:20348937	SSF x Near_LoA	-8,96465973	0,023	0,305
CHR4	2E+07	CHR4:20350458	SSF x Near_LoA	-5,39664434	0,026	0,304
CHR4	2E+07	CHR4:20350467	SSF x Near_LoA	-11,2888555	-0,021	0,300
CHR4	2E+07	CHR4:20363711	SSF x Near_LoA	-10,4097933	-0,038	0,309

CHR4	2E+07	CHR4:20366281	SSF x Near_LoA	-11,0447444	0,022	0,300
CHR4	2E+07	CHR4:20366301	SSF x Near_LoA	-10,7804834	0,011	0,316
CHR4	2E+07	CHR4:20375899	SSF x Near_LoA	-10,6784539	-0,008	0,316
CHR4	2E+07	CHR4:20375954	SSF x Near_LoA	-11,474987	0,005	0,316
CHR4	2E+07	CHR4:20376156	SSF x Near_LoA	-3,94211022	-0,055	0,296
CHR4	2038338	CHR4:2038338	SSF x Near_LoA	-7,45854652	-0,094	0,306
CHR4	2038345	CHR4:2038345	SSF x Near_LoA	-8,16161379	-0,037	0,322
CHR4	2E+07	CHR4:20383819	SSF x Near_LoA	-8,998672	-0,030	0,309
CHR4	2E+07	CHR4:20383843	SSF x Near_LoA	-9,70728269	-0,018	0,298
CHR4	2E+07	CHR4:20384002	SSF x Near_LoA	-8,44556823	0,089	0,298
CHR4	2E+07	CHR4:20384113	SSF x Near_LoA	-8,96171424	0,053	0,313
CHR4	2E+07	CHR4:20395078	SSF x Near_LoA	-8,48928048	-0,097	0,297
CHR4	2E+07	CHR4:20395197	SSF x Near_LoA	-9,70080643	-0,025	0,319
CHR4	2E+07	CHR4:20411050	SSF x Near_LoA	-9,48346941	-0,074	0,313
CHR4	2E+07	CHR4:20421167	SSF x Near_LoA	-10,5186012	-0,062	0,323
CHR4	2E+07	CHR4:20421257	SSF x Near_LoA	-8,25502679	-0,114	0,317
CHR4	2E+07	CHR4:20421284	SSF x Near_LoA	-11,9608102	0,036	0,304
CHR4	2E+07	CHR4:20421288	SSF x Near_LoA	-7,22161829	-0,158	0,306
CHR4	2E+07	CHR4:20421308	SSF x Near_LoA	-10,4991519	-0,070	0,318
CHR4	2E+07	CHR4:20421309	SSF x Near_LoA	-8,66210538	0,040	0,298
CHR4	2E+07	CHR4:20421314	SSF x Near_LoA	-7,70030758	0,109	0,323
CHR4	2E+07	CHR4:20423779	SSF x Near_LoA	-11,2800395	-0,039	0,307
CHR4	2E+07	CHR4:20423854	SSF x Near_LoA	-1,68780535	-0,053	0,297
CHR4	2E+07	CHR4:20423873	SSF x Near_LoA	-10,9830736	-0,014	0,317
CHR4	2E+07	CHR4:20424883	SSF x Near_LoA	-11,1759708	0,021	0,294
CHR4	2E+07	CHR4:20424890	SSF x Near_LoA	-8,42822068	0,058	0,302
CHR4	2E+07	CHR4:20424892	SSF x Near_LoA	-9,7978481	0,025	0,286
CHR4	2E+07	CHR4:20424894	SSF x Near_LoA	-8,66033946	-0,075	0,307
CHR4	2E+07	CHR4:20424931	SSF x Near_LoA	-9,13802062	-0,086	0,307
CHR4	2E+07	CHR4:20434800	SSF x Near_LoA	-8,88192016	0,070	0,318
CHR4	2E+07	CHR4:20448360	SSF x Near_LoA	-11,0104197	0,102	0,303
CHR4	2E+07	CHR4:20448411	SSF x Near_LoA	-8,61048565	-0,078	0,291
CHR4	2E+07	CHR4:20449053	SSF x Near_LoA	-9,2746534	-0,020	0,314
CHR4	2E+07	CHR4:20449135	SSF x Near_LoA	-7,27497749	0,176	0,291
CHR4	2E+07	CHR4:20449159	SSF x Near_LoA	-3,97863519	-0,032	0,305
CHR4	2E+07	CHR4:20452807	SSF x Near_LoA	-9,53467491	0,106	0,305
CHR4	2E+07	CHR4:20452808	SSF x Near_LoA	-8,4152793	0,059	0,311
CHR4	2E+07	CHR4:20452841	SSF x Near_LoA	-6,78410238	-0,052	0,317
CHR4	2E+07	CHR4:20452851	SSF x Near_LoA	-10,249844	-0,051	0,313
CHR4	2E+07	CHR4:20454184	SSF x Near_LoA	-11,2156312	0,009	0,314
CHR4	2E+07	CHR4:20454192	SSF x Near_LoA	-9,07137793	-0,040	0,310
CHR4	2E+07	CHR4:20454278	SSF x Near_LoA	-7,58424893	-0,030	0,311
CHR4	2E+07	CHR4:20454304	SSF x Near_LoA	-9,13756284	-0,096	0,310
CHR4	2E+07	CHR4:20454310	SSF x Near_LoA	-8,75798528	0,003	0,318
CHR4	2E+07	CHR4:20454327	SSF x Near_LoA	-10,2424772	0,044	0,305
CHR4	2E+07	CHR4:20461862	SSF x Near_LoA	-9,70883978	0,111	0,297
CHR4	2E+07	CHR4:20461901	SSF x Near_LoA	-8,93663832	0,043	0,313
CHR4	2E+07	CHR4:20462081	SSF x Near_LoA	-9,66373857	-0,041	0,321
CHR4	2E+07	CHR4:20477709	SSF x Near_LoA	-9,411809	0,012	0,304
CHR4	2E+07	CHR4:20479795	SSF x Near_LoA	-9,89026214	0,034	0,311
CHR4	2E+07	CHR4:20479804	SSF x Near_LoA	-10,0330658	0,021	0,315
CHR4	2E+07	CHR4:20479888	SSF x Near_LoA	-11,4052272	0,069	0,298
CHR4	2048290	CHR4:2048290	SSF x Near_LoA	-2,22412789	0,020	0,317

CHR4	2E+07	CHR4:20489657	SSF x Near_LoA	-11,2207404	-0,057	0,313
CHR4	20500314	CHR4:20500314	SSF x Near_LoA	-4,17841076	0,125	0,310
CHR4	20500337	CHR4:20500337	SSF x Near_LoA	-7,17250547	0,131	0,313
CHR4	20500338	CHR4:20500338	SSF x Near_LoA	-9,41004495	0,104	0,304
CHR4	20500339	CHR4:20500339	SSF x Near_LoA	-9,67490671	0,103	0,310
CHR4	20500360	CHR4:20500360	SSF x Near_LoA	-4,11899632	-0,052	0,311
CHR4	20500398	CHR4:20500398	SSF x Near_LoA	-11,8590299	-0,004	0,312
CHR4	20503328	CHR4:20503328	SSF x Near_LoA	-2,56636386	-0,086	0,305
CHR4	20503363	CHR4:20503363	SSF x Near_LoA	-10,098571	-0,064	0,319
CHR4	20503448	CHR4:20503448	SSF x Near_LoA	-5,96914041	0,006	0,303
CHR4	20513323	CHR4:20513323	SSF x Near_LoA	-6,99165955	-0,034	0,293
CHR4	20513382	CHR4:20513382	SSF x Near_LoA	-8,45043245	-0,052	0,290
CHR4	20513503	CHR4:20513503	SSF x Near_LoA	-7,30896645	0,098	0,294
CHR4	20513550	CHR4:20513550	SSF x Near_LoA	-4,50635728	0,069	0,303
CHR4	20518744	CHR4:20518744	SSF x Near_LoA	-1,1586025	0,058	0,314
CHR4	20518751	CHR4:20518751	SSF x Near_LoA	-9,88307627	0,028	0,304
CHR4	20518774	CHR4:20518774	SSF x Near_LoA	-9,39295209	-0,057	0,299
CHR4	20518788	CHR4:20518788	SSF x Near_LoA	-10,2117389	0,069	0,309
CHR4	20518808	CHR4:20518808	SSF x Near_LoA	-8,24237586	0,083	0,307
CHR4	20523762	CHR4:20523762	SSF x Near_LoA	-10,6661962	0,086	0,288
CHR4	2052406	CHR4:2052406	SSF x Near_LoA	-9,98245985	0,103	0,301
CHR4	2052480	CHR4:2052480	SSF x Near_LoA	-10,7067042	-0,041	0,293
CHR4	2052488	CHR4:2052488	SSF x Near_LoA	-8,66637668	-0,013	0,302
CHR4	2052490	CHR4:2052490	SSF x Near_LoA	-6,02489436	-0,172	0,307
CHR4	2052499	CHR4:2052499	SSF x Near_LoA	-8,14499533	0,020	0,301
CHR4	2053656	CHR4:2053656	SSF x Near_LoA	-10,8311483	0,036	0,315
CHR4	20537013	CHR4:20537013	SSF x Near_LoA	-6,03903153	0,057	0,319
CHR4	20537034	CHR4:20537034	SSF x Near_LoA	-8,59626457	0,066	0,313
CHR4	20537036	CHR4:20537036	SSF x Near_LoA	-8,84342194	-0,026	0,308
CHR4	20537058	CHR4:20537058	SSF x Near_LoA	-10,1455885	-0,020	0,311
CHR4	20537077	CHR4:20537077	SSF x Near_LoA	-8,2587871	0,017	0,312
CHR4	20537086	CHR4:20537086	SSF x Near_LoA	-8,52841829	0,091	0,311
CHR4	2053891	CHR4:2053891	SSF x Near_LoA	-8,41323181	-0,094	0,301
CHR4	20547129	CHR4:20547129	SSF x Near_LoA	-8,07319625	0,010	0,319
CHR4	20547189	CHR4:20547189	SSF x Near_LoA	-8,67722209	-0,039	0,317
CHR4	20549393	CHR4:20549393	SSF x Near_LoA	-9,88901084	0,035	0,311
CHR4	20549401	CHR4:20549401	SSF x Near_LoA	-10,3140324	0,039	0,299
CHR4	20549417	CHR4:20549417	SSF x Near_LoA	-10,3016411	0,053	0,305
CHR4	20549492	CHR4:20549492	SSF x Near_LoA	-10,650274	0,003	0,311
CHR4	20549495	CHR4:20549495	SSF x Near_LoA	-10,2504383	0,098	0,314
CHR4	20556010	CHR4:20556010	SSF x Near_LoA	-9,32746757	0,016	0,294
CHR4	20556115	CHR4:20556115	SSF x Near_LoA	-8,44855951	0,106	0,301
CHR4	20568155	CHR4:20568155	SSF x Near_LoA	-8,43223718	0,118	0,314
CHR4	20568193	CHR4:20568193	SSF x Near_LoA	-10,2328256	0,005	0,307
CHR4	20569732	CHR4:20569732	SSF x Near_LoA	-8,15421387	-0,044	0,312
CHR4	20569788	CHR4:20569788	SSF x Near_LoA	-9,45918143	-0,031	0,288
CHR4	20569906	CHR4:20569906	SSF x Near_LoA	0,21602512	0,082	0,307
CHR4	20576601	CHR4:20576601	SSF x Near_LoA	-8,92718864	-0,014	0,307
CHR4	20576603	CHR4:20576603	SSF x Near_LoA	-0,1579447	-0,037	0,298
CHR4	20576605	CHR4:20576605	SSF x Near_LoA	-8,02595092	-0,054	0,320
CHR4	20576606	CHR4:20576606	SSF x Near_LoA	-5,19487289	-0,029	0,303
CHR4	20576611	CHR4:20576611	SSF x Near_LoA	-10,0235278	-0,038	0,293
CHR4	20576614	CHR4:20576614	SSF x Near_LoA	-10,0494964	-0,033	0,295

CHR4	20576616	CHR4:20576616	SSF x Near_LoA	-10,0095623	0,018	0,303
CHR4	20576617	CHR4:20576617	SSF x Near_LoA	-10,6383795	-0,074	0,309
CHR4	20576618	CHR4:20576618	SSF x Near_LoA	-10,1355424	-0,020	0,299
CHR4	20576645	CHR4:20576645	SSF x Near_LoA	-10,8172622	-0,062	0,303
CHR4	20576684	CHR4:20576684	SSF x Near_LoA	-10,1222136	-0,026	0,301
CHR4	20576699	CHR4:20576699	SSF x Near_LoA	-8,37556385	0,071	0,310
CHR4	20576704	CHR4:20576704	SSF x Near_LoA	-8,37920654	-0,060	0,303
CHR4	20576738	CHR4:20576738	SSF x Near_LoA	-5,28057904	0,008	0,312
CHR4	20576768	CHR4:20576768	SSF x Near_LoA	-8,03222543	-0,095	0,308
CHR4	20576785	CHR4:20576785	SSF x Near_LoA	-8,8177753	-0,070	0,299
CHR4	20586556	CHR4:20586556	SSF x Near_LoA	-8,69215019	0,078	0,309
CHR4	20586607	CHR4:20586607	SSF x Near_LoA	-6,75014308	0,215	0,286
CHR4	20586608	CHR4:20586608	SSF x Near_LoA	-6,95907598	0,180	0,288
CHR4	20586655	CHR4:20586655	SSF x Near_LoA	-9,881336	-0,045	0,307
CHR4	20598446	CHR4:20598446	SSF x Near_LoA	-9,90778926	0,100	0,312
CHR4	20614838	CHR4:20614838	SSF x Near_LoA	-3,09013429	0,185	0,300
CHR4	20614869	CHR4:20614869	SSF x Near_LoA	-9,93351251	-0,001	0,313
CHR4	2061793	CHR4:2061793	SSF x Near_LoA	-10,5916628	-0,018	0,319
CHR4	2061840	CHR4:2061840	SSF x Near_LoA	6,65006386	0,037	0,305
CHR4	2061876	CHR4:2061876	SSF x Near_LoA	-6,83635276	0,018	0,301
CHR4	2061918	CHR4:2061918	SSF x Near_LoA	-9,13918989	-0,019	0,293
CHR4	2061984	CHR4:2061984	SSF x Near_LoA	-8,91411003	-0,040	0,299
CHR4	2061993	CHR4:2061993	SSF x Near_LoA	-8,53611781	-0,071	0,312
CHR4	20625107	CHR4:20625107	SSF x Near_LoA	-8,68179105	0,098	0,316
CHR4	20625110	CHR4:20625110	SSF x Near_LoA	-8,50579932	0,070	0,314
CHR4	20625116	CHR4:20625116	SSF x Near_LoA	-9,34276363	0,072	0,297
CHR4	20625139	CHR4:20625139	SSF x Near_LoA	-6,13582399	0,115	0,297
CHR4	20625141	CHR4:20625141	SSF x Near_LoA	-8,0443554	0,081	0,302
CHR4	20625145	CHR4:20625145	SSF x Near_LoA	-6,78480177	0,120	0,297
CHR4	20625158	CHR4:20625158	SSF x Near_LoA	-5,68785897	0,114	0,307
CHR4	20625176	CHR4:20625176	SSF x Near_LoA	-7,77924301	-0,098	0,323
CHR4	20625270	CHR4:20625270	SSF x Near_LoA	-3,15780116	-0,030	0,309
CHR4	20625338	CHR4:20625338	SSF x Near_LoA	-12,2183544	-0,034	0,296
CHR4	20627536	CHR4:20627536	SSF x Near_LoA	-8,13383724	0,129	0,304
CHR4	20627604	CHR4:20627604	SSF x Near_LoA	-9,12987345	0,038	0,295
CHR4	20627621	CHR4:20627621	SSF x Near_LoA	-10,0102624	0,060	0,297
CHR4	20627625	CHR4:20627625	SSF x Near_LoA	-9,09091202	0,055	0,310
CHR4	20627637	CHR4:20627637	SSF x Near_LoA	-10,7438982	-0,028	0,315
CHR4	20630041	CHR4:20630041	SSF x Near_LoA	-10,9149369	-0,029	0,310
CHR4	20630077	CHR4:20630077	SSF x Near_LoA	-9,4488442	0,122	0,292
CHR4	20640581	CHR4:20640581	SSF x Near_LoA	-8,15586692	-0,026	0,324
CHR4	20640600	CHR4:20640600	SSF x Near_LoA	-10,3875632	0,042	0,299
CHR4	20640627	CHR4:20640627	SSF x Near_LoA	-8,362938	-0,103	0,297
CHR4	20640834	CHR4:20640834	SSF x Near_LoA	-4,92778392	-0,027	0,314
CHR4	20648514	CHR4:20648514	SSF x Near_LoA	-8,12765875	0,050	0,311
CHR4	20648597	CHR4:20648597	SSF x Near_LoA	-7,37638989	-0,111	0,295
CHR4	20661125	CHR4:20661125	SSF x Near_LoA	-8,67307794	0,017	0,307
CHR4	20661127	CHR4:20661127	SSF x Near_LoA	-8,48703611	0,015	0,314
CHR4	20661135	CHR4:20661135	SSF x Near_LoA	-7,9217971	0,013	0,302
CHR4	20661142	CHR4:20661142	SSF x Near_LoA	-9,26086722	0,105	0,291
CHR4	20661220	CHR4:20661220	SSF x Near_LoA	-9,56260969	-0,083	0,301
CHR4	20661237	CHR4:20661237	SSF x Near_LoA	-4,51320634	0,018	0,302
CHR4	20661273	CHR4:20661273	SSF x Near_LoA	-8,65102983	0,038	0,307

CHR4	20661276	CHR4:20661276	SSF x Near_LoA	-9,21923661	0,041	0,313
CHR4	20661277	CHR4:20661277	SSF x Near_LoA	-5,40799914	0,044	0,311
CHR4	20661295	CHR4:20661295	SSF x Near_LoA	-10,1993267	0,073	0,294
CHR4	20661336	CHR4:20661336	SSF x Near_LoA	-7,91490929	0,087	0,302
CHR4	20679748	CHR4:20679748	SSF x Near_LoA	-2,66000398	0,130	0,305
CHR4	20692929	CHR4:20692929	SSF x Near_LoA	-9,87259203	0,103	0,294
CHR4	20692936	CHR4:20692936	SSF x Near_LoA	-9,24458173	0,101	0,295
CHR4	20692979	CHR4:20692979	SSF x Near_LoA	-9,45902872	0,087	0,299
CHR4	20692987	CHR4:20692987	SSF x Near_LoA	-10,764142	-0,061	0,305
CHR4	20693063	CHR4:20693063	SSF x Near_LoA	-6,87082234	0,179	0,293
CHR4	20694190	CHR4:20694190	SSF x Near_LoA	-3,6128173	-0,138	0,296
CHR4	20701233	CHR4:20701233	SSF x Near_LoA	-2,32591977	0,018	0,314
CHR4	20701236	CHR4:20701236	SSF x Near_LoA	-8,13201664	-0,015	0,317
CHR4	20701321	CHR4:20701321	SSF x Near_LoA	-10,4037168	-0,004	0,300
CHR4	20701323	CHR4:20701323	SSF x Near_LoA	-8,97398352	-0,067	0,320
CHR4	20701351	CHR4:20701351	SSF x Near_LoA	-9,24501845	-0,026	0,302
CHR4	20701358	CHR4:20701358	SSF x Near_LoA	-8,02274242	0,010	0,308
CHR4	20701374	CHR4:20701374	SSF x Near_LoA	-7,93943172	0,084	0,303
CHR4	20701450	CHR4:20701450	SSF x Near_LoA	-5,32429138	0,016	0,314
CHR4	20701459	CHR4:20701459	SSF x Near_LoA	-8,094042	0,039	0,307
CHR4	20701475	CHR4:20701475	SSF x Near_LoA	-7,63449927	-0,008	0,314
CHR4	20711410	CHR4:20711410	SSF x Near_LoA	-10,7348854	0,022	0,309
CHR4	20711414	CHR4:20711414	SSF x Near_LoA	-8,96173114	0,013	0,305
CHR4	20711421	CHR4:20711421	SSF x Near_LoA	-7,02045437	0,050	0,299
CHR4	20711490	CHR4:20711490	SSF x Near_LoA	-8,05484414	0,043	0,308
CHR4	20711507	CHR4:20711507	SSF x Near_LoA	-11,8125732	-0,001	0,302
CHR4	20711512	CHR4:20711512	SSF x Near_LoA	-9,39011423	-0,067	0,296
CHR4	20711620	CHR4:20711620	SSF x Near_LoA	-10,9582901	0,027	0,297
CHR4	20720784	CHR4:20720784	SSF x Near_LoA	-10,3891465	-0,136	0,279
CHR4	20721065	CHR4:20721065	SSF x Near_LoA	-9,57596265	0,151	0,305
CHR4	20723545	CHR4:20723545	SSF x Near_LoA	-4,93604935	-0,052	0,321
CHR4	20723626	CHR4:20723626	SSF x Near_LoA	-8,47110184	-0,054	0,306
CHR4	20723791	CHR4:20723791	SSF x Near_LoA	-9,19666977	-0,049	0,300
CHR4	20739449	CHR4:20739449	SSF x Near_LoA	-6,67629649	-0,054	0,314
CHR4	20739508	CHR4:20739508	SSF x Near_LoA	-9,52721726	-0,082	0,314
CHR4	20739544	CHR4:20739544	SSF x Near_LoA	-8,84180975	0,021	0,311
CHR4	20739552	CHR4:20739552	SSF x Near_LoA	-8,24318585	0,080	0,311
CHR4	20739597	CHR4:20739597	SSF x Near_LoA	-7,24176448	-0,141	0,314
CHR4	20745162	CHR4:20745162	SSF x Near_LoA	-9,9385184	0,014	0,307
CHR4	20748675	CHR4:20748675	SSF x Near_LoA	-8,12607752	-0,042	0,297
CHR4	20748677	CHR4:20748677	SSF x Near_LoA	-7,56629356	-0,058	0,308
CHR4	20748694	CHR4:20748694	SSF x Near_LoA	-6,33677719	-0,067	0,320
CHR4	20748707	CHR4:20748707	SSF x Near_LoA	-8,50460608	-0,038	0,313
CHR4	20748745	CHR4:20748745	SSF x Near_LoA	-7,45737388	-0,074	0,315
CHR4	20748817	CHR4:20748817	SSF x Near_LoA	-6,63756779	-0,105	0,307
CHR4	20748855	CHR4:20748855	SSF x Near_LoA	-4,93293221	0,057	0,308
CHR4	20748911	CHR4:20748911	SSF x Near_LoA	-9,02550267	-0,102	0,299
CHR4	20748934	CHR4:20748934	SSF x Near_LoA	-8,74997911	-0,090	0,301
CHR4	2075658	CHR4:2075658	SSF x Near_LoA	-9,99461222	0,110	0,298
CHR4	2075659	CHR4:2075659	SSF x Near_LoA	-10,9387742	0,103	0,292
CHR4	2075660	CHR4:2075660	SSF x Near_LoA	-10,4024954	0,076	0,313
CHR4	2075662	CHR4:2075662	SSF x Near_LoA	-9,45522337	0,106	0,311
CHR4	2075663	CHR4:2075663	SSF x Near_LoA	-0,92535857	0,098	0,305

CHR4	2075665	CHR4:2075665	SSF x Near_LoA	-9,65404238	0,088	0,313
CHR4	20757274	CHR4:20757274	SSF x Near_LoA	-11,6263656	-0,027	0,309
CHR4	2075902	CHR4:2075902	SSF x Near_LoA	-7,48802567	0,004	0,307
CHR4	2075921	CHR4:2075921	SSF x Near_LoA	-9,04426357	0,131	0,311
CHR4	20761825	CHR4:20761825	SSF x Near_LoA	-3,48943226	-0,191	0,318
CHR4	20761827	CHR4:20761827	SSF x Near_LoA	-8,11467199	-0,162	0,299
CHR4	20761839	CHR4:20761839	SSF x Near_LoA	-10,0266978	-0,100	0,303
CHR4	20761840	CHR4:20761840	SSF x Near_LoA	-10,1885384	0,131	0,302
CHR4	20767013	CHR4:20767013	SSF x Near_LoA	-7,63707988	0,206	0,300
CHR4	20767052	CHR4:20767052	SSF x Near_LoA	-9,29187252	-0,139	0,307
CHR4	20767082	CHR4:20767082	SSF x Near_LoA	-11,1433316	-0,081	0,304
CHR4	20767090	CHR4:20767090	SSF x Near_LoA	-11,1536996	-0,094	0,302
CHR4	20767380	CHR4:20767380	SSF x Near_LoA	-10,3578701	-0,013	0,318
CHR4	20767403	CHR4:20767403	SSF x Near_LoA	-12,2526415	-0,033	0,301
CHR4	20767464	CHR4:20767464	SSF x Near_LoA	-7,90081891	0,056	0,306
CHR4	20780778	CHR4:20780778	SSF x Near_LoA	-8,530131	0,052	0,302
CHR4	20793805	CHR4:20793805	SSF x Near_LoA	-4,89036377	0,006	0,316
CHR4	20798351	CHR4:20798351	SSF x Near_LoA	-9,14592081	-0,006	0,310
CHR4	2083236	CHR4:2083236	SSF x Near_LoA	-8,24936173	0,028	0,303
CHR4	2083276	CHR4:2083276	SSF x Near_LoA	-11,7869696	-0,010	0,317
CHR4	20842009	CHR4:20842009	SSF x Near_LoA	-9,31946634	0,076	0,300
CHR4	20842168	CHR4:20842168	SSF x Near_LoA	-7,57335422	-0,042	0,300
CHR4	20842174	CHR4:20842174	SSF x Near_LoA	-8,74338401	-0,055	0,306
CHR4	20842372	CHR4:20842372	SSF x Near_LoA	-7,88107547	-0,098	0,305
CHR4	20842440	CHR4:20842440	SSF x Near_LoA	-7,77110973	-0,097	0,307
CHR4	2085943	CHR4:2085943	SSF x Near_LoA	-9,22777941	0,067	0,293
CHR4	2085973	CHR4:2085973	SSF x Near_LoA	-9,26435045	-0,067	0,314
CHR4	2087122	CHR4:2087122	SSF x Near_LoA	-10,345824	-0,002	0,315
CHR4	2087131	CHR4:2087131	SSF x Near_LoA	-10,3289586	-0,051	0,293
CHR4	20872136	CHR4:20872136	SSF x Near_LoA	-8,52675549	-0,015	0,304
CHR4	20887878	CHR4:20887878	SSF x Near_LoA	-10,5419386	0,060	0,300
CHR4	20888154	CHR4:20888154	SSF x Near_LoA	-10,1216528	0,087	0,311
CHR4	20888188	CHR4:20888188	SSF x Near_LoA	-7,41225424	0,105	0,315
CHR4	2088998	CHR4:2088998	SSF x Near_LoA	-10,4692457	-0,018	0,302
CHR4	2089017	CHR4:2089017	SSF x Near_LoA	-10,222188	0,029	0,306
CHR4	2089426	CHR4:2089426	SSF x Near_LoA	-9,18734932	-0,019	0,312
CHR4	20906342	CHR4:20906342	SSF x Near_LoA	-9,4043237	0,054	0,315
CHR4	20908476	CHR4:20908476	SSF x Near_LoA	-11,1376284	-0,035	0,298
CHR4	20912553	CHR4:20912553	SSF x Near_LoA	-9,31515995	0,012	0,315
CHR4	2091796	CHR4:2091796	SSF x Near_LoA	-11,8778211	-0,039	0,299
CHR4	20930034	CHR4:20930034	SSF x Near_LoA	-5,29492	0,049	0,302
CHR4	20935956	CHR4:20935956	SSF x Near_LoA	-8,35448608	0,001	0,331
CHR4	20963250	CHR4:20963250	SSF x Near_LoA	-7,72304051	0,116	0,294
CHR4	20976787	CHR4:20976787	SSF x Near_LoA	-8,08061525	0,001	0,303
CHR4	2099379	CHR4:2099379	SSF x Near_LoA	-9,78125825	-0,059	0,306
CHR4	2099420	CHR4:2099420	SSF x Near_LoA	-10,9485909	-0,059	0,304
CHR4	2099438	CHR4:2099438	SSF x Near_LoA	-5,62601178	-0,030	0,305
CHR4	2099901	CHR4:2099901	SSF x Near_LoA	-6,86263826	-0,015	0,321
CHR4	2099940	CHR4:2099940	SSF x Near_LoA	-9,17496009	0,101	0,310
CHR4	2099944	CHR4:2099944	SSF x Near_LoA	-11,0382363	0,101	0,304
CHR4	21003332	CHR4:21003332	SSF x Near_LoA	-8,29633983	-0,029	0,308
CHR4	21013734	CHR4:21013734	SSF x Near_LoA	-8,49664933	-0,044	0,305
CHR4	21014676	CHR4:21014676	SSF x Near_LoA	-8,42082108	0,029	0,308

CHR4	21039949	CHR4:21039949	SSF x Near_LoA	-11,4989813	0,001	0,286
CHR4	21039969	CHR4:21039969	SSF x Near_LoA	-6,55406353	0,018	0,323
CHR4	21039973	CHR4:21039973	SSF x Near_LoA	-9,14699007	-0,071	0,315
CHR4	21039976	CHR4:21039976	SSF x Near_LoA	0,0999547	-0,022	0,305
CHR4	21040058	CHR4:21040058	SSF x Near_LoA	-7,27826305	-0,009	0,302
CHR4	21040062	CHR4:21040062	SSF x Near_LoA	-10,9049929	0,061	0,296
CHR4	21040098	CHR4:21040098	SSF x Near_LoA	-7,05313851	0,028	0,317
CHR4	2104098	CHR4:2104098	SSF x Near_LoA	-11,7352154	-0,035	0,315
CHR4	2104160	CHR4:2104160	SSF x Near_LoA	-11,0064798	0,074	0,315
CHR4	2104171	CHR4:2104171	SSF x Near_LoA	-9,86606992	0,004	0,317
CHR4	2104208	CHR4:2104208	SSF x Near_LoA	-8,83011744	-0,078	0,302
CHR4	21050772	CHR4:21050772	SSF x Near_LoA	-12,0046683	0,016	0,317
CHR4	21050902	CHR4:21050902	SSF x Near_LoA	-11,4438978	0,032	0,303
CHR4	21058822	CHR4:21058822	SSF x Near_LoA	-10,1519184	-0,013	0,316
CHR4	21058858	CHR4:21058858	SSF x Near_LoA	-10,3495352	-0,011	0,301
CHR4	21067397	CHR4:21067397	SSF x Near_LoA	-10,6672715	0,007	0,305
CHR4	21098861	CHR4:21098861	SSF x Near_LoA	-6,7964558	-0,162	0,307
CHR4	21099122	CHR4:21099122	SSF x Near_LoA	4,76583961	0,197	0,295
CHR4	21102215	CHR4:21102215	SSF x Near_LoA	-6,71046004	0,151	0,304
CHR4	21109960	CHR4:21109960	SSF x Near_LoA	-10,7932268	-0,060	0,305
CHR4	21110125	CHR4:21110125	SSF x Near_LoA	-11,1330026	0,097	0,307
CHR4	21110127	CHR4:21110127	SSF x Near_LoA	-5,90913339	0,110	0,305
CHR4	21110130	CHR4:21110130	SSF x Near_LoA	-10,6201061	0,092	0,300
CHR4	21110132	CHR4:21110132	SSF x Near_LoA	-10,7266261	0,126	0,309
CHR4	21119509	CHR4:21119509	SSF x Near_LoA	-11,1227628	-0,077	0,308
CHR4	21132117	CHR4:21132117	SSF x Near_LoA	-8,38106272	-0,109	0,307
CHR4	21132119	CHR4:21132119	SSF x Near_LoA	-6,08467618	-0,119	0,318
CHR4	21143165	CHR4:21143165	SSF x Near_LoA	-9,87140314	0,071	0,319
CHR4	21209365	CHR4:21209365	SSF x Near_LoA	-11,1733154	-0,111	0,292
CHR4	21212895	CHR4:21212895	SSF x Near_LoA	-3,59713172	-0,098	0,311
CHR4	21212944	CHR4:21212944	SSF x Near_LoA	-8,60480377	-0,067	0,307
CHR4	2122205	CHR4:2122205	SSF x Near_LoA	-5,65547602	-0,064	0,303
CHR4	21222311	CHR4:21222311	SSF x Near_LoA	-9,022388	0,024	0,309
CHR4	21222639	CHR4:21222639	SSF x Near_LoA	-10,1698746	-0,009	0,309
CHR4	21243775	CHR4:21243775	SSF x Near_LoA	-8,88456869	0,090	0,308
CHR4	21244043	CHR4:21244043	SSF x Near_LoA	-7,44953357	-0,114	0,306
CHR4	21246059	CHR4:21246059	SSF x Near_LoA	-8,52167675	-0,111	0,303
CHR4	21247538	CHR4:21247538	SSF x Near_LoA	-5,87363051	0,082	0,306
CHR4	21257897	CHR4:21257897	SSF x Near_LoA	-7,83381748	-0,061	0,316
CHR4	21257985	CHR4:21257985	SSF x Near_LoA	-10,8926933	-0,031	0,308
CHR4	21258028	CHR4:21258028	SSF x Near_LoA	-9,19123081	0,029	0,299
CHR4	21258032	CHR4:21258032	SSF x Near_LoA	-9,11403322	0,001	0,298
CHR4	21258098	CHR4:21258098	SSF x Near_LoA	-8,24599479	0,001	0,308
CHR4	21258193	CHR4:21258193	SSF x Near_LoA	-4,34372469	0,056	0,312
CHR4	21258194	CHR4:21258194	SSF x Near_LoA	-8,09194497	0,090	0,315
CHR4	21258198	CHR4:21258198	SSF x Near_LoA	-8,85000964	0,163	0,294
CHR4	21258201	CHR4:21258201	SSF x Near_LoA	-11,2794245	-0,089	0,307
CHR4	21262709	CHR4:21262709	SSF x Near_LoA	-7,74834167	0,159	0,304
CHR4	21262719	CHR4:21262719	SSF x Near_LoA	-11,1018045	-0,026	0,307
CHR4	21262754	CHR4:21262754	SSF x Near_LoA	6,4800428	0,125	0,304
CHR4	21262796	CHR4:21262796	SSF x Near_LoA	-11,027562	0,043	0,308
CHR4	21262820	CHR4:21262820	SSF x Near_LoA	-8,65678967	0,098	0,307
CHR4	21262868	CHR4:21262868	SSF x Near_LoA	-10,6431731	0,009	0,305

CHR4	21262870	CHR4:21262870	SSF x Near_LoA	-7,51238896	0,168	0,302
CHR4	21262910	CHR4:21262910	SSF x Near_LoA	-8,76744324	0,020	0,309
CHR4	21262919	CHR4:21262919	SSF x Near_LoA	-9,31876055	-0,011	0,306
CHR4	21262990	CHR4:21262990	SSF x Near_LoA	-7,74043443	-0,077	0,306
CHR4	21268538	CHR4:21268538	SSF x Near_LoA	-10,9440301	-0,011	0,308
CHR4	21268547	CHR4:21268547	SSF x Near_LoA	-4,59097919	-0,150	0,304
CHR4	21268598	CHR4:21268598	SSF x Near_LoA	-11,5261253	-0,002	0,303
CHR4	21268772	CHR4:21268772	SSF x Near_LoA	-10,0223354	0,040	0,305
CHR4	21272549	CHR4:21272549	SSF x Near_LoA	-6,74994736	-0,099	0,296
CHR4	21272601	CHR4:21272601	SSF x Near_LoA	-9,12143667	0,098	0,310
CHR4	21272622	CHR4:21272622	SSF x Near_LoA	-11,7549886	0,011	0,325
CHR4	21272637	CHR4:21272637	SSF x Near_LoA	-8,46420278	-0,080	0,303
CHR4	21278364	CHR4:21278364	SSF x Near_LoA	-8,02795207	0,013	0,319
CHR4	21278375	CHR4:21278375	SSF x Near_LoA	-9,53794073	-0,136	0,289
CHR4	21278414	CHR4:21278414	SSF x Near_LoA	-8,57757148	-0,094	0,295
CHR4	21278443	CHR4:21278443	SSF x Near_LoA	-7,93546256	-0,063	0,325
CHR4	21285896	CHR4:21285896	SSF x Near_LoA	-11,4865268	0,037	0,293
CHR4	21285928	CHR4:21285928	SSF x Near_LoA	-10,4648411	0,191	0,292
CHR4	21285962	CHR4:21285962	SSF x Near_LoA	-7,20659148	-0,107	0,313
CHR4	21289527	CHR4:21289527	SSF x Near_LoA	-9,2085306	0,034	0,303
CHR4	21289668	CHR4:21289668	SSF x Near_LoA	-9,89691136	-0,070	0,297
CHR4	21295968	CHR4:21295968	SSF x Near_LoA	-4,62083909	0,201	0,282
CHR4	21295999	CHR4:21295999	SSF x Near_LoA	-8,19187728	0,081	0,310
CHR4	21296048	CHR4:21296048	SSF x Near_LoA	-6,40720326	0,050	0,303
CHR4	21296067	CHR4:21296067	SSF x Near_LoA	-10,0656976	0,003	0,308
CHR4	21305408	CHR4:21305408	SSF x Near_LoA	-3,11472609	0,163	0,294
CHR4	21305432	CHR4:21305432	SSF x Near_LoA	-9,73772955	0,123	0,310
CHR4	21305463	CHR4:21305463	SSF x Near_LoA	-9,10567959	0,160	0,306
CHR4	21305518	CHR4:21305518	SSF x Near_LoA	-8,42225303	-0,057	0,301
CHR4	21305581	CHR4:21305581	SSF x Near_LoA	-9,15516724	-0,086	0,308
CHR4	2131165	CHR4:2131165	SSF x Near_LoA	-8,65916688	0,063	0,305
CHR4	2131176	CHR4:2131176	SSF x Near_LoA	-11,4430757	0,016	0,302
CHR4	2131219	CHR4:2131219	SSF x Near_LoA	-7,37580137	0,068	0,301
CHR4	21312981	CHR4:21312981	SSF x Near_LoA	-9,55459545	0,137	0,301
CHR4	21313016	CHR4:21313016	SSF x Near_LoA	-8,35293035	0,049	0,303
CHR4	21313090	CHR4:21313090	SSF x Near_LoA	-7,86678664	-0,026	0,314
CHR4	21313240	CHR4:21313240	SSF x Near_LoA	-9,43097561	0,041	0,312
CHR4	21314959	CHR4:21314959	SSF x Near_LoA	-7,82208714	-0,089	0,306
CHR4	21320681	CHR4:21320681	SSF x Near_LoA	-8,00413394	0,024	0,320
CHR4	21320685	CHR4:21320685	SSF x Near_LoA	-9,41637955	0,019	0,307
CHR4	21334763	CHR4:21334763	SSF x Near_LoA	-7,93212491	0,047	0,306
CHR4	21334830	CHR4:21334830	SSF x Near_LoA	-8,42194535	0,090	0,313
CHR4	21341446	CHR4:21341446	SSF x Near_LoA	-10,9668168	0,001	0,311
CHR4	21343611	CHR4:21343611	SSF x Near_LoA	-11,0874157	0,071	0,302
CHR4	21343666	CHR4:21343666	SSF x Near_LoA	-8,57760099	-0,005	0,313
CHR4	21343703	CHR4:21343703	SSF x Near_LoA	-10,4106	0,014	0,314
CHR4	21346076	CHR4:21346076	SSF x Near_LoA	-9,16496898	-0,028	0,317
CHR4	21346089	CHR4:21346089	SSF x Near_LoA	-7,62681447	0,080	0,316
CHR4	21346102	CHR4:21346102	SSF x Near_LoA	-8,97576724	0,051	0,317
CHR4	21346111	CHR4:21346111	SSF x Near_LoA	-9,09017965	0,128	0,302
CHR4	21346113	CHR4:21346113	SSF x Near_LoA	-10,4960528	-0,042	0,315
CHR4	21346139	CHR4:21346139	SSF x Near_LoA	-10,1272349	0,157	0,299
CHR4	21346141	CHR4:21346141	SSF x Near_LoA	-6,27092974	0,151	0,305

CHR4	21346170	CHR4:21346170	SSF x Near_LoA	-10,8063535	-0,079	0,300
CHR4	21346196	CHR4:21346196	SSF x Near_LoA	-9,07460032	-0,066	0,313
CHR4	21346219	CHR4:21346219	SSF x Near_LoA	-10,0275109	0,053	0,303
CHR4	21353490	CHR4:21353490	SSF x Near_LoA	-9,29724561	-0,064	0,308
CHR4	21353551	CHR4:21353551	SSF x Near_LoA	-8,25655249	0,101	0,299
CHR4	21353554	CHR4:21353554	SSF x Near_LoA	-8,87252876	-0,040	0,308
CHR4	21353555	CHR4:21353555	SSF x Near_LoA	-10,8501309	-0,065	0,309
CHR4	21369086	CHR4:21369086	SSF x Near_LoA	-6,56949933	0,035	0,315
CHR4	21370688	CHR4:21370688	SSF x Near_LoA	-6,95674805	0,033	0,319
CHR4	21370806	CHR4:21370806	SSF x Near_LoA	-6,88794377	-0,022	0,309
CHR4	2137833	CHR4:2137833	SSF x Near_LoA	-7,60111215	0,160	0,304
CHR4	2137842	CHR4:2137842	SSF x Near_LoA	-10,7366537	0,056	0,300
CHR4	2137898	CHR4:2137898	SSF x Near_LoA	-7,24115216	0,135	0,298
CHR4	2137965	CHR4:2137965	SSF x Near_LoA	-9,19957755	0,128	0,304
CHR4	21381089	CHR4:21381089	SSF x Near_LoA	-6,05660449	-0,111	0,313
CHR4	21381248	CHR4:21381248	SSF x Near_LoA	-2,48925043	0,126	0,309
CHR4	21381326	CHR4:21381326	SSF x Near_LoA	-10,6534852	-0,081	0,306
CHR4	21381400	CHR4:21381400	SSF x Near_LoA	-10,1170889	0,023	0,293
CHR4	21385253	CHR4:21385253	SSF x Near_LoA	-9,96527848	-0,026	0,303
CHR4	21385312	CHR4:21385312	SSF x Near_LoA	-8,36479542	-0,031	0,304
CHR4	21385313	CHR4:21385313	SSF x Near_LoA	-8,22890081	-0,021	0,323
CHR4	21385368	CHR4:21385368	SSF x Near_LoA	-7,86387292	0,000	0,311
CHR4	21385382	CHR4:21385382	SSF x Near_LoA	-9,19260626	-0,015	0,312
CHR4	21388353	CHR4:21388353	SSF x Near_LoA	-6,39716351	-0,095	0,290
CHR4	21401055	CHR4:21401055	SSF x Near_LoA	-8,6273777	-0,150	0,308
CHR4	21401202	CHR4:21401202	SSF x Near_LoA	-9,49299548	-0,121	0,311
CHR4	21410237	CHR4:21410237	SSF x Near_LoA	-4,40940559	0,001	0,297
CHR4	21410263	CHR4:21410263	SSF x Near_LoA	-8,18370079	-0,114	0,322
CHR4	21410267	CHR4:21410267	SSF x Near_LoA	-8,660768	0,101	0,303
CHR4	21410308	CHR4:21410308	SSF x Near_LoA	0,44687195	0,123	0,300
CHR4	21410316	CHR4:21410316	SSF x Near_LoA	-10,7436801	-0,061	0,300
CHR4	21421963	CHR4:21421963	SSF x Near_LoA	-9,08054225	0,179	0,316
CHR4	21421996	CHR4:21421996	SSF x Near_LoA	-7,12751179	0,018	0,307
CHR4	21422058	CHR4:21422058	SSF x Near_LoA	-7,46695839	-0,016	0,307
CHR4	21422061	CHR4:21422061	SSF x Near_LoA	-6,64660364	-0,077	0,322
CHR4	21422219	CHR4:21422219	SSF x Near_LoA	-9,23487103	0,081	0,292
CHR4	21427421	CHR4:21427421	SSF x Near_LoA	-9,49570794	0,100	0,317
CHR4	21450088	CHR4:21450088	SSF x Near_LoA	-10,2170439	0,024	0,302
CHR4	21450309	CHR4:21450309	SSF x Near_LoA	-11,3052088	0,030	0,297
CHR4	21462592	CHR4:21462592	SSF x Near_LoA	-9,75348239	0,079	0,311
CHR4	21462609	CHR4:21462609	SSF x Near_LoA	-8,99354056	-0,083	0,308
CHR4	21462730	CHR4:21462730	SSF x Near_LoA	-9,75877841	0,099	0,299
CHR4	21462774	CHR4:21462774	SSF x Near_LoA	-7,5863314	-0,019	0,292
CHR4	21462830	CHR4:21462830	SSF x Near_LoA	-8,32659194	0,064	0,318
CHR4	214697	CHR4:214697	SSF x Near_LoA	-4,46845441	0,132	0,309
CHR4	2147465	CHR4:2147465	SSF x Near_LoA	-6,59231402	0,115	0,315
CHR4	21482417	CHR4:21482417	SSF x Near_LoA	-9,13611144	0,047	0,302
CHR4	21482427	CHR4:21482427	SSF x Near_LoA	-11,8417189	-0,037	0,300
CHR4	21482471	CHR4:21482471	SSF x Near_LoA	-8,15234993	0,018	0,302
CHR4	21482494	CHR4:21482494	SSF x Near_LoA	-8,37389592	-0,046	0,315
CHR4	21482528	CHR4:21482528	SSF x Near_LoA	-9,52301217	-0,035	0,304
CHR4	21484669	CHR4:21484669	SSF x Near_LoA	-8,61343615	0,034	0,309
CHR4	21484687	CHR4:21484687	SSF x Near_LoA	-9,41450955	0,125	0,305

CHR4	21484699	CHR4:21484699	SSF x Near_LoA	-9,39042478	-0,002	0,300
CHR4	21484737	CHR4:21484737	SSF x Near_LoA	-7,83178279	0,057	0,295
CHR4	21484758	CHR4:21484758	SSF x Near_LoA	-9,4506501	0,004	0,298
CHR4	21491697	CHR4:21491697	SSF x Near_LoA	-8,9806003	0,009	0,299
CHR4	21491808	CHR4:21491808	SSF x Near_LoA	-10,9831871	0,019	0,303
CHR4	21491945	CHR4:21491945	SSF x Near_LoA	-10,0151778	-0,036	0,301
CHR4	21491955	CHR4:21491955	SSF x Near_LoA	-8,47341227	-0,064	0,305
CHR4	21491961	CHR4:21491961	SSF x Near_LoA	-10,9608213	0,027	0,297
CHR4	21494382	CHR4:21494382	SSF x Near_LoA	-6,76009177	-0,095	0,313
CHR4	21494416	CHR4:21494416	SSF x Near_LoA	-6,54005488	-0,026	0,292
CHR4	21494422	CHR4:21494422	SSF x Near_LoA	-8,16392258	0,076	0,317
CHR4	21494435	CHR4:21494435	SSF x Near_LoA	-5,2040841	-0,062	0,300
CHR4	21500277	CHR4:21500277	SSF x Near_LoA	-11,7199303	0,040	0,315
CHR4	21500362	CHR4:21500362	SSF x Near_LoA	-8,38462751	-0,002	0,298
CHR4	21500469	CHR4:21500469	SSF x Near_LoA	-9,54425612	-0,015	0,326
CHR4	21514361	CHR4:21514361	SSF x Near_LoA	-4,63048457	-0,137	0,314
CHR4	21514502	CHR4:21514502	SSF x Near_LoA	-10,3575582	-0,034	0,309
CHR4	21516459	CHR4:21516459	SSF x Near_LoA	-11,7031598	0,022	0,302
CHR4	21523817	CHR4:21523817	SSF x Near_LoA	-9,72710498	-0,012	0,305
CHR4	2152442	CHR4:2152442	SSF x Near_LoA	-8,84880091	0,007	0,317
CHR4	21538709	CHR4:21538709	SSF x Near_LoA	-7,53243062	0,046	0,294
CHR4	21541759	CHR4:21541759	SSF x Near_LoA	-9,39673061	0,167	0,298
CHR4	21541763	CHR4:21541763	SSF x Near_LoA	-9,18739636	0,106	0,296
CHR4	21541797	CHR4:21541797	SSF x Near_LoA	-8,29772021	0,144	0,299
CHR4	21541866	CHR4:21541866	SSF x Near_LoA	-10,2747365	-0,006	0,315
CHR4	21541868	CHR4:21541868	SSF x Near_LoA	-8,75195663	0,002	0,304
CHR4	21543943	CHR4:21543943	SSF x Near_LoA	-10,3953834	0,001	0,312
CHR4	21543948	CHR4:21543948	SSF x Near_LoA	-8,14258153	0,037	0,321
CHR4	21543950	CHR4:21543950	SSF x Near_LoA	-10,0305474	0,070	0,298
CHR4	21544004	CHR4:21544004	SSF x Near_LoA	-6,5106639	0,089	0,297
CHR4	21544005	CHR4:21544005	SSF x Near_LoA	-10,0389487	0,034	0,307
CHR4	21544010	CHR4:21544010	SSF x Near_LoA	-5,43247829	0,137	0,298
CHR4	21544042	CHR4:21544042	SSF x Near_LoA	-9,14738602	0,071	0,304
CHR4	21546458	CHR4:21546458	SSF x Near_LoA	-7,84425964	0,169	0,298
CHR4	21546463	CHR4:21546463	SSF x Near_LoA	-8,27684601	-0,044	0,314
CHR4	21546571	CHR4:21546571	SSF x Near_LoA	-3,99315852	0,094	0,300
CHR4	21546638	CHR4:21546638	SSF x Near_LoA	-8,90720496	0,027	0,305
CHR4	21555073	CHR4:21555073	SSF x Near_LoA	-10,5033923	0,004	0,304
CHR4	21555128	CHR4:21555128	SSF x Near_LoA	-10,7086861	-0,016	0,310
CHR4	21555243	CHR4:21555243	SSF x Near_LoA	-8,6554344	-0,087	0,307
CHR4	21555252	CHR4:21555252	SSF x Near_LoA	-11,2752897	0,000	0,313
CHR4	21555277	CHR4:21555277	SSF x Near_LoA	-8,64114227	-0,060	0,308
CHR4	21555286	CHR4:21555286	SSF x Near_LoA	-8,22760575	-0,050	0,302
CHR4	21557340	CHR4:21557340	SSF x Near_LoA	3,91031155	0,122	0,312
CHR4	21557464	CHR4:21557464	SSF x Near_LoA	-7,83072901	-0,034	0,299
CHR4	21559334	CHR4:21559334	SSF x Near_LoA	-7,43109818	0,104	0,298
CHR4	21559338	CHR4:21559338	SSF x Near_LoA	-10,4559768	-0,046	0,304
CHR4	21575767	CHR4:21575767	SSF x Near_LoA	-9,14768241	-0,124	0,301
CHR4	21575962	CHR4:21575962	SSF x Near_LoA	-9,16454639	-0,053	0,314
CHR4	21575986	CHR4:21575986	SSF x Near_LoA	-7,83932084	-0,048	0,327
CHR4	21576022	CHR4:21576022	SSF x Near_LoA	-9,69762862	0,002	0,305
CHR4	21584584	CHR4:21584584	SSF x Near_LoA	-7,91783847	0,106	0,313
CHR4	21584652	CHR4:21584652	SSF x Near_LoA	-10,251595	-0,009	0,311

CHR4	21614667	CHR4:21614667	SSF x Near_LoA	-8,07069124	-0,127	0,300
CHR4	21614729	CHR4:21614729	SSF x Near_LoA	-6,97231691	-0,126	0,312
CHR4	21614744	CHR4:21614744	SSF x Near_LoA	-8,38812252	0,103	0,306
CHR4	21622441	CHR4:21622441	SSF x Near_LoA	-10,993577	0,082	0,309
CHR4	21622447	CHR4:21622447	SSF x Near_LoA	-11,2950478	0,109	0,298
CHR4	21622483	CHR4:21622483	SSF x Near_LoA	-10,142082	-0,027	0,307
CHR4	21629486	CHR4:21629486	SSF x Near_LoA	-3,99697526	-0,173	0,298
CHR4	21629499	CHR4:21629499	SSF x Near_LoA	-6,94814366	-0,173	0,310
CHR4	21629500	CHR4:21629500	SSF x Near_LoA	-6,5402472	-0,166	0,289
CHR4	21629537	CHR4:21629537	SSF x Near_LoA	-9,93151433	-0,126	0,309
CHR4	21629552	CHR4:21629552	SSF x Near_LoA	-5,64018144	-0,134	0,303
CHR4	21629554	CHR4:21629554	SSF x Near_LoA	-5,50788688	-0,176	0,295
CHR4	21629557	CHR4:21629557	SSF x Near_LoA	-2,4846476	-0,158	0,300
CHR4	21629627	CHR4:21629627	SSF x Near_LoA	-7,71419774	-0,049	0,308
CHR4	21655275	CHR4:21655275	SSF x Near_LoA	-8,8017972	-0,078	0,312
CHR4	21655305	CHR4:21655305	SSF x Near_LoA	-7,97178408	-0,103	0,307
CHR4	21655326	CHR4:21655326	SSF x Near_LoA	-8,72481144	-0,052	0,308
CHR4	21655331	CHR4:21655331	SSF x Near_LoA	-10,0326802	-0,016	0,300
CHR4	2166312	CHR4:2166312	SSF x Near_LoA	-7,75340668	-0,118	0,314
CHR4	2166343	CHR4:2166343	SSF x Near_LoA	-2,68473946	-0,054	0,299
CHR4	2166400	CHR4:2166400	SSF x Near_LoA	-7,36542741	0,080	0,301
CHR4	21665766	CHR4:21665766	SSF x Near_LoA	-11,7016778	0,009	0,305
CHR4	21665771	CHR4:21665771	SSF x Near_LoA	-12,0875705	0,010	0,297
CHR4	21665800	CHR4:21665800	SSF x Near_LoA	-8,85938236	0,042	0,310
CHR4	21670261	CHR4:21670261	SSF x Near_LoA	-9,58703094	0,000	0,310
CHR4	21670288	CHR4:21670288	SSF x Near_LoA	-9,83770037	0,025	0,304
CHR4	21670317	CHR4:21670317	SSF x Near_LoA	-8,99028126	0,020	0,323
CHR4	21683010	CHR4:21683010	SSF x Near_LoA	-9,09840397	0,001	0,315
CHR4	21683011	CHR4:21683011	SSF x Near_LoA	-9,31477122	0,030	0,313
CHR4	21683014	CHR4:21683014	SSF x Near_LoA	-6,52316732	0,154	0,298
CHR4	21686386	CHR4:21686386	SSF x Near_LoA	-6,53524081	0,115	0,304
CHR4	21694850	CHR4:21694850	SSF x Near_LoA	-7,36558824	0,116	0,311
CHR4	21696159	CHR4:21696159	SSF x Near_LoA	-8,93264063	0,055	0,320
CHR4	21696170	CHR4:21696170	SSF x Near_LoA	-9,11656543	-0,091	0,315
CHR4	21696182	CHR4:21696182	SSF x Near_LoA	-8,74501718	0,094	0,301
CHR4	21701894	CHR4:21701894	SSF x Near_LoA	-8,44674796	-0,024	0,321
CHR4	21703295	CHR4:21703295	SSF x Near_LoA	-8,95743557	0,037	0,320
CHR4	21703334	CHR4:21703334	SSF x Near_LoA	-10,0028189	-0,022	0,305
CHR4	21705377	CHR4:21705377	SSF x Near_LoA	-10,1796521	0,101	0,302
CHR4	21705651	CHR4:21705651	SSF x Near_LoA	-6,67274912	0,082	0,309
CHR4	2171118	CHR4:2171118	SSF x Near_LoA	-10,6535442	0,006	0,299
CHR4	2171135	CHR4:2171135	SSF x Near_LoA	-11,5302061	-0,048	0,297
CHR4	2171350	CHR4:2171350	SSF x Near_LoA	-11,1001957	-0,015	0,294
CHR4	2171355	CHR4:2171355	SSF x Near_LoA	-8,71250194	-0,039	0,300
CHR4	2171807	CHR4:2171807	SSF x Near_LoA	-9,50119001	0,097	0,299
CHR4	2171843	CHR4:2171843	SSF x Near_LoA	-7,62202013	0,095	0,307
CHR4	21720123	CHR4:21720123	SSF x Near_LoA	-9,44129055	-0,066	0,313
CHR4	21720131	CHR4:21720131	SSF x Near_LoA	-10,0120619	0,096	0,308
CHR4	21728903	CHR4:21728903	SSF x Near_LoA	-8,86889836	-0,062	0,308
CHR4	21728919	CHR4:21728919	SSF x Near_LoA	-7,7077671	0,044	0,308
CHR4	21728941	CHR4:21728941	SSF x Near_LoA	-10,0414185	0,023	0,305
CHR4	21729036	CHR4:21729036	SSF x Near_LoA	-0,77828269	0,144	0,306
CHR4	21729066	CHR4:21729066	SSF x Near_LoA	-10,2635324	-0,054	0,300

CHR4	21730581	CHR4:21730581	SSF x Near_LoA	-7,969853	-0,113	0,303
CHR4	21730589	CHR4:21730589	SSF x Near_LoA	-9,75563306	-0,022	0,304
CHR4	21730653	CHR4:21730653	SSF x Near_LoA	-5,72702648	-0,019	0,316
CHR4	21732360	CHR4:21732360	SSF x Near_LoA	-10,0688363	-0,040	0,300
CHR4	21733211	CHR4:21733211	SSF x Near_LoA	-8,92358195	0,114	0,298
CHR4	21733231	CHR4:21733231	SSF x Near_LoA	-9,11161011	-0,121	0,314
CHR4	21733247	CHR4:21733247	SSF x Near_LoA	-7,82824425	0,016	0,318
CHR4	21748619	CHR4:21748619	SSF x Near_LoA	-11,8591036	0,006	0,305
CHR4	2176243	CHR4:2176243	SSF x Near_LoA	-7,92026757	0,012	0,319
CHR4	2176308	CHR4:2176308	SSF x Near_LoA	-7,74572336	0,059	0,308
CHR4	2177702	CHR4:2177702	SSF x Near_LoA	-8,01000124	-0,059	0,316
CHR4	2177716	CHR4:2177716	SSF x Near_LoA	-10,2953269	0,142	0,305
CHR4	2177757	CHR4:2177757	SSF x Near_LoA	-9,45405143	0,051	0,323
CHR4	2177783	CHR4:2177783	SSF x Near_LoA	-8,80703418	0,091	0,320
CHR4	21790034	CHR4:21790034	SSF x Near_LoA	-9,19441576	-0,038	0,303
CHR4	21790086	CHR4:21790086	SSF x Near_LoA	-7,35183332	-0,075	0,303
CHR4	21790169	CHR4:21790169	SSF x Near_LoA	-10,4810632	-0,056	0,318
CHR4	21802610	CHR4:21802610	SSF x Near_LoA	-10,8812579	-0,062	0,302
CHR4	21808863	CHR4:21808863	SSF x Near_LoA	-9,94795007	-0,026	0,311
CHR4	21812719	CHR4:21812719	SSF x Near_LoA	-10,9156505	-0,022	0,299
CHR4	21827080	CHR4:21827080	SSF x Near_LoA	-6,71207371	0,023	0,303
CHR4	21827237	CHR4:21827237	SSF x Near_LoA	-11,7582646	-0,018	0,299
CHR4	21840106	CHR4:21840106	SSF x Near_LoA	-10,7314983	0,007	0,313
CHR4	21840132	CHR4:21840132	SSF x Near_LoA	-6,81682417	0,068	0,309
CHR4	21840137	CHR4:21840137	SSF x Near_LoA	-11,056832	0,044	0,310
CHR4	21840181	CHR4:21840181	SSF x Near_LoA	-9,10691783	-0,116	0,315
CHR4	2184332	CHR4:2184332	SSF x Near_LoA	-9,68391555	0,050	0,293
CHR4	2184333	CHR4:2184333	SSF x Near_LoA	-6,52937243	-0,030	0,312
CHR4	2184363	CHR4:2184363	SSF x Near_LoA	-9,17576715	0,112	0,300
CHR4	2184365	CHR4:2184365	SSF x Near_LoA	-7,50227692	0,170	0,298
CHR4	2184401	CHR4:2184401	SSF x Near_LoA	-9,71918741	-0,148	0,296
CHR4	21851985	CHR4:21851985	SSF x Near_LoA	-8,9362993	-0,058	0,310
CHR4	21852086	CHR4:21852086	SSF x Near_LoA	-10,4096594	-0,038	0,301
CHR4	21852107	CHR4:21852107	SSF x Near_LoA	-9,6230083	-0,039	0,295
CHR4	21852114	CHR4:21852114	SSF x Near_LoA	-11,0078268	0,027	0,288
CHR4	21852177	CHR4:21852177	SSF x Near_LoA	-6,04628353	0,006	0,317
CHR4	21859812	CHR4:21859812	SSF x Near_LoA	-11,9070279	-0,061	0,300
CHR4	21859829	CHR4:21859829	SSF x Near_LoA	-8,45028533	-0,072	0,315
CHR4	21859836	CHR4:21859836	SSF x Near_LoA	-8,69748886	0,097	0,313
CHR4	21859838	CHR4:21859838	SSF x Near_LoA	-9,78332778	0,114	0,282
CHR4	21859842	CHR4:21859842	SSF x Near_LoA	-5,50507908	-0,164	0,291
CHR4	21872254	CHR4:21872254	SSF x Near_LoA	-11,3260207	0,055	0,301
CHR4	21872274	CHR4:21872274	SSF x Near_LoA	-10,3746108	0,067	0,312
CHR4	21872298	CHR4:21872298	SSF x Near_LoA	-9,02903927	0,058	0,315
CHR4	21872410	CHR4:21872410	SSF x Near_LoA	-7,45676107	0,161	0,298
CHR4	21872416	CHR4:21872416	SSF x Near_LoA	-9,47419521	-0,070	0,292
CHR4	21872454	CHR4:21872454	SSF x Near_LoA	-9,07275774	-0,043	0,322
CHR4	21880756	CHR4:21880756	SSF x Near_LoA	-9,4617343	0,088	0,295
CHR4	21880775	CHR4:21880775	SSF x Near_LoA	-10,2731355	-0,047	0,301
CHR4	2189875	CHR4:2189875	SSF x Near_LoA	-10,2467206	-0,028	0,306
CHR4	2189881	CHR4:2189881	SSF x Near_LoA	-6,97436825	0,075	0,300
CHR4	21908969	CHR4:21908969	SSF x Near_LoA	-8,7855038	0,060	0,305
CHR4	21908991	CHR4:21908991	SSF x Near_LoA	-8,54299867	-0,087	0,306

CHR4	21914355	CHR4:21914355	SSF x Near_LoA	-9,16687252	0,026	0,297
CHR4	21914391	CHR4:21914391	SSF x Near_LoA	-7,98685271	-0,028	0,312
CHR4	21914402	CHR4:21914402	SSF x Near_LoA	-9,60031099	-0,056	0,310
CHR4	21914436	CHR4:21914436	SSF x Near_LoA	-3,46504667	0,182	0,310
CHR4	21934985	CHR4:21934985	SSF x Near_LoA	-11,069554	-0,127	0,314
CHR4	21935148	CHR4:21935148	SSF x Near_LoA	-11,1694918	0,042	0,312
CHR4	21935154	CHR4:21935154	SSF x Near_LoA	-11,1166318	-0,152	0,292
CHR4	21935160	CHR4:21935160	SSF x Near_LoA	-10,0683559	-0,031	0,309
CHR4	21940609	CHR4:21940609	SSF x Near_LoA	-5,32531907	-0,067	0,317
CHR4	21942586	CHR4:21942586	SSF x Near_LoA	-8,64152258	-0,005	0,313
CHR4	21942595	CHR4:21942595	SSF x Near_LoA	-9,12551283	-0,019	0,308
CHR4	21942599	CHR4:21942599	SSF x Near_LoA	-9,02669415	-0,085	0,312
CHR4	21942611	CHR4:21942611	SSF x Near_LoA	-8,42891862	-0,006	0,317
CHR4	21942613	CHR4:21942613	SSF x Near_LoA	-6,20909713	-0,154	0,300
CHR4	21942658	CHR4:21942658	SSF x Near_LoA	-9,89307353	0,059	0,311
CHR4	21949753	CHR4:21949753	SSF x Near_LoA	-9,74216332	-0,009	0,306
CHR4	21949980	CHR4:21949980	SSF x Near_LoA	-10,4889428	-0,008	0,301
CHR4	21950032	CHR4:21950032	SSF x Near_LoA	-8,59145978	0,003	0,316
CHR4	21950036	CHR4:21950036	SSF x Near_LoA	-8,09328889	0,159	0,299
CHR4	21950074	CHR4:21950074	SSF x Near_LoA	-8,69067934	-0,090	0,315
CHR4	21950102	CHR4:21950102	SSF x Near_LoA	-9,653494	-0,027	0,305
CHR4	2195709	CHR4:2195709	SSF x Near_LoA	-8,8463221	-0,011	0,298
CHR4	2195718	CHR4:2195718	SSF x Near_LoA	-10,6907392	0,083	0,297
CHR4	2195748	CHR4:2195748	SSF x Near_LoA	-9,33238039	-0,090	0,309
CHR4	2195762	CHR4:2195762	SSF x Near_LoA	1,31602676	-0,084	0,308
CHR4	2195828	CHR4:2195828	SSF x Near_LoA	-8,04474483	-0,100	0,301
CHR4	2195882	CHR4:2195882	SSF x Near_LoA	-8,57056089	-0,015	0,307
CHR4	2195908	CHR4:2195908	SSF x Near_LoA	-8,14378305	0,095	0,308
CHR4	21960209	CHR4:21960209	SSF x Near_LoA	-10,9590518	-0,047	0,311
CHR4	21960313	CHR4:21960313	SSF x Near_LoA	-5,82078469	-0,049	0,307
CHR4	21960474	CHR4:21960474	SSF x Near_LoA	-11,4047092	-0,081	0,311
CHR4	21971250	CHR4:21971250	SSF x Near_LoA	-10,1840926	-0,001	0,297
CHR4	21978676	CHR4:21978676	SSF x Near_LoA	-10,0530748	-0,007	0,316
CHR4	21985010	CHR4:21985010	SSF x Near_LoA	-9,91266557	-0,056	0,318
CHR4	21985060	CHR4:21985060	SSF x Near_LoA	-9,97533461	-0,031	0,312
CHR4	21998265	CHR4:21998265	SSF x Near_LoA	-8,84939745	-0,084	0,310
CHR4	21998282	CHR4:21998282	SSF x Near_LoA	11,2628034	0,146	0,309
CHR4	21998307	CHR4:21998307	SSF x Near_LoA	-4,54214111	0,075	0,315
CHR4	21998352	CHR4:21998352	SSF x Near_LoA	-11,5038033	0,050	0,297
CHR4	21998354	CHR4:21998354	SSF x Near_LoA	-10,1452444	-0,035	0,300
CHR4	21998375	CHR4:21998375	SSF x Near_LoA	-8,01433435	0,007	0,307
CHR4	21998450	CHR4:21998450	SSF x Near_LoA	-9,1921446	0,050	0,312
CHR4	21998456	CHR4:21998456	SSF x Near_LoA	-9,52778377	0,046	0,300
CHR4	22004704	CHR4:22004704	SSF x Near_LoA	-10,0131171	0,055	0,302
CHR4	22004706	CHR4:22004706	SSF x Near_LoA	-11,0458015	0,020	0,302
CHR4	22004731	CHR4:22004731	SSF x Near_LoA	-7,57273437	-0,109	0,314
CHR4	22004756	CHR4:22004756	SSF x Near_LoA	-8,79388947	0,088	0,300
CHR4	22004808	CHR4:22004808	SSF x Near_LoA	-8,71998336	0,089	0,294
CHR4	22004912	CHR4:22004912	SSF x Near_LoA	-6,36780786	-0,141	0,303
CHR4	22004935	CHR4:22004935	SSF x Near_LoA	0,88001905	-0,168	0,301
CHR4	2201805	CHR4:2201805	SSF x Near_LoA	-4,35137151	-0,121	0,299
CHR4	2201811	CHR4:2201811	SSF x Near_LoA	-6,59812738	0,095	0,292
CHR4	2201900	CHR4:2201900	SSF x Near_LoA	-3,41374464	0,082	0,318

CHR4	2201913	CHR4:2201913	SSF x Near_LoA	-9,95711793	-0,073	0,291
CHR4	2201923	CHR4:2201923	SSF x Near_LoA	-8,28191973	0,093	0,298
CHR4	22043827	CHR4:22043827	SSF x Near_LoA	-10,1234203	-0,173	0,291
CHR4	22043944	CHR4:22043944	SSF x Near_LoA	-7,82372485	-0,086	0,305
CHR4	22044026	CHR4:22044026	SSF x Near_LoA	-9,77973393	-0,018	0,301
CHR4	22048027	CHR4:22048027	SSF x Near_LoA	-10,1717017	0,102	0,306
CHR4	22050184	CHR4:22050184	SSF x Near_LoA	-8,85622182	0,133	0,311
CHR4	22056468	CHR4:22056468	SSF x Near_LoA	-8,05983453	0,062	0,306
CHR4	2206247	CHR4:2206247	SSF x Near_LoA	-8,83201743	0,008	0,314
CHR4	2207234	CHR4:2207234	SSF x Near_LoA	-4,2521636	0,130	0,314
CHR4	2207417	CHR4:2207417	SSF x Near_LoA	-7,98312113	0,001	0,306
CHR4	2207419	CHR4:2207419	SSF x Near_LoA	-5,3452755	0,196	0,296
CHR4	2207421	CHR4:2207421	SSF x Near_LoA	-8,94206418	0,128	0,299
CHR4	22078934	CHR4:22078934	SSF x Near_LoA	-9,68063899	-0,063	0,299
CHR4	22078972	CHR4:22078972	SSF x Near_LoA	-10,1486514	0,016	0,291
CHR4	2208959	CHR4:2208959	SSF x Near_LoA	-9,72959501	0,091	0,311
CHR4	22096536	CHR4:22096536	SSF x Near_LoA	-4,33990143	0,193	0,299
CHR4	22096876	CHR4:22096876	SSF x Near_LoA	-8,58009285	0,015	0,314
CHR4	22096911	CHR4:22096911	SSF x Near_LoA	-10,4150014	-0,091	0,311
CHR4	22111705	CHR4:22111705	SSF x Near_LoA	-9,65544573	0,009	0,307
CHR4	22111795	CHR4:22111795	SSF x Near_LoA	-11,8342008	-0,017	0,318
CHR4	22113879	CHR4:22113879	SSF x Near_LoA	-10,2742791	0,030	0,304
CHR4	22113923	CHR4:22113923	SSF x Near_LoA	-8,37325852	-0,026	0,328
CHR4	22113970	CHR4:22113970	SSF x Near_LoA	-8,11267925	-0,028	0,314
CHR4	22114045	CHR4:22114045	SSF x Near_LoA	-12,1964959	-0,041	0,297
CHR4	22124725	CHR4:22124725	SSF x Near_LoA	-9,14173379	-0,028	0,309
CHR4	22124821	CHR4:22124821	SSF x Near_LoA	-7,15137904	0,149	0,302
CHR4	22124863	CHR4:22124863	SSF x Near_LoA	-7,42907625	-0,089	0,297
CHR4	22124933	CHR4:22124933	SSF x Near_LoA	-11,1415584	0,010	0,321
CHR4	22124958	CHR4:22124958	SSF x Near_LoA	-7,58532044	0,061	0,312
CHR4	22128388	CHR4:22128388	SSF x Near_LoA	-9,38044755	0,051	0,313
CHR4	22128536	CHR4:22128536	SSF x Near_LoA	-8,58684655	0,104	0,306
CHR4	22136697	CHR4:22136697	SSF x Near_LoA	-10,5642016	-0,004	0,322
CHR4	22136710	CHR4:22136710	SSF x Near_LoA	-6,79688311	0,119	0,308
CHR4	22136719	CHR4:22136719	SSF x Near_LoA	-9,01689326	-0,077	0,316
CHR4	22136721	CHR4:22136721	SSF x Near_LoA	-3,53774343	-0,086	0,313
CHR4	22136780	CHR4:22136780	SSF x Near_LoA	-8,36551228	0,095	0,313
CHR4	22137490	CHR4:22137490	SSF x Near_LoA	-8,46933376	0,089	0,295
CHR4	22141694	CHR4:22141694	SSF x Near_LoA	-6,17006911	0,004	0,310
CHR4	22141738	CHR4:22141738	SSF x Near_LoA	-8,89526484	-0,029	0,312
CHR4	22141819	CHR4:22141819	SSF x Near_LoA	-6,84977045	-0,081	0,310
CHR4	22141848	CHR4:22141848	SSF x Near_LoA	-7,9952977	0,147	0,296
CHR4	22151576	CHR4:22151576	SSF x Near_LoA	-7,5146534	-0,004	0,300
CHR4	2216235	CHR4:2216235	SSF x Near_LoA	-8,64713858	-0,093	0,304
CHR4	22177519	CHR4:22177519	SSF x Near_LoA	-8,86580494	-0,067	0,298
CHR4	22177553	CHR4:22177553	SSF x Near_LoA	-10,003812	0,074	0,306
CHR4	22177554	CHR4:22177554	SSF x Near_LoA	-8,92326844	0,092	0,302
CHR4	22184735	CHR4:22184735	SSF x Near_LoA	-8,46912695	-0,022	0,303
CHR4	22184765	CHR4:22184765	SSF x Near_LoA	-9,18927229	0,013	0,308
CHR4	22195637	CHR4:22195637	SSF x Near_LoA	-11,4974347	-0,063	0,307
CHR4	22195838	CHR4:22195838	SSF x Near_LoA	-8,42626917	-0,013	0,301
CHR4	22206480	CHR4:22206480	SSF x Near_LoA	-7,03946384	-0,155	0,305
CHR4	22206492	CHR4:22206492	SSF x Near_LoA	-7,7792084	0,106	0,305

CHR4	22206520	CHR4:22206520	SSF x Near_LoA	-8,56238146	0,040	0,310
CHR4	22206525	CHR4:22206525	SSF x Near_LoA	-4,90601531	0,065	0,313
CHR4	22206552	CHR4:22206552	SSF x Near_LoA	-9,68164645	-0,063	0,292
CHR4	22206556	CHR4:22206556	SSF x Near_LoA	-7,97342797	0,028	0,317
CHR4	22206565	CHR4:22206565	SSF x Near_LoA	-8,44702175	-0,104	0,310
CHR4	22206567	CHR4:22206567	SSF x Near_LoA	-8,99904367	0,071	0,317
CHR4	22206591	CHR4:22206591	SSF x Near_LoA	-8,07290175	-0,153	0,305
CHR4	22206616	CHR4:22206616	SSF x Near_LoA	-10,5260347	-0,107	0,325
CHR4	22206618	CHR4:22206618	SSF x Near_LoA	-7,62342901	0,103	0,312
CHR4	22206638	CHR4:22206638	SSF x Near_LoA	-7,95958239	-0,050	0,293
CHR4	22217153	CHR4:22217153	SSF x Near_LoA	-10,1093845	0,053	0,307
CHR4	22217158	CHR4:22217158	SSF x Near_LoA	-9,85975645	0,047	0,301
CHR4	22217190	CHR4:22217190	SSF x Near_LoA	-9,34206825	-0,073	0,303
CHR4	22217222	CHR4:22217222	SSF x Near_LoA	-11,6228302	0,019	0,306
CHR4	22217679	CHR4:22217679	SSF x Near_LoA	-4,41509395	0,064	0,318
CHR4	22217714	CHR4:22217714	SSF x Near_LoA	-9,07560785	0,042	0,320
CHR4	22217751	CHR4:22217751	SSF x Near_LoA	-10,3457211	-0,122	0,289
CHR4	22217785	CHR4:22217785	SSF x Near_LoA	-8,28951817	-0,029	0,306
CHR4	22228576	CHR4:22228576	SSF x Near_LoA	-6,65626103	0,016	0,313
CHR4	22232794	CHR4:22232794	SSF x Near_LoA	-9,16429479	-0,098	0,314
CHR4	22232808	CHR4:22232808	SSF x Near_LoA	-9,10770331	0,081	0,310
CHR4	22232881	CHR4:22232881	SSF x Near_LoA	-5,47339871	-0,038	0,308
CHR4	22233629	CHR4:22233629	SSF x Near_LoA	-9,1139882	0,066	0,307
CHR4	22233663	CHR4:22233663	SSF x Near_LoA	-8,31844115	0,108	0,299
CHR4	22233690	CHR4:22233690	SSF x Near_LoA	-9,30928231	0,016	0,301
CHR4	22240328	CHR4:22240328	SSF x Near_LoA	-7,68150151	-0,108	0,307
CHR4	22240362	CHR4:22240362	SSF x Near_LoA	-8,87530117	-0,106	0,306
CHR4	22242073	CHR4:22242073	SSF x Near_LoA	-9,60025188	-0,085	0,304
CHR4	22248880	CHR4:22248880	SSF x Near_LoA	-9,78359831	-0,033	0,308
CHR4	22248931	CHR4:22248931	SSF x Near_LoA	-8,73844274	0,056	0,287
CHR4	22249044	CHR4:22249044	SSF x Near_LoA	-8,01456132	0,048	0,312
CHR4	22249135	CHR4:22249135	SSF x Near_LoA	-9,35738794	0,030	0,301
CHR4	22257486	CHR4:22257486	SSF x Near_LoA	-10,2610113	-0,007	0,301
CHR4	22259311	CHR4:22259311	SSF x Near_LoA	-9,73893069	-0,090	0,284
CHR4	22259317	CHR4:22259317	SSF x Near_LoA	-9,07728392	0,017	0,301
CHR4	22259542	CHR4:22259542	SSF x Near_LoA	-10,9177755	0,040	0,303
CHR4	22271358	CHR4:22271358	SSF x Near_LoA	-9,19311432	-0,069	0,305
CHR4	22271380	CHR4:22271380	SSF x Near_LoA	-5,29400323	0,156	0,294
CHR4	22271381	CHR4:22271381	SSF x Near_LoA	-3,67895967	-0,077	0,305
CHR4	22271430	CHR4:22271430	SSF x Near_LoA	-9,22300988	-0,015	0,301
CHR4	22274753	CHR4:22274753	SSF x Near_LoA	-10,1592863	-0,004	0,311
CHR4	22280473	CHR4:22280473	SSF x Near_LoA	-10,5113052	-0,070	0,297
CHR4	22280474	CHR4:22280474	SSF x Near_LoA	-9,07349977	-0,068	0,300
CHR4	22280542	CHR4:22280542	SSF x Near_LoA	-7,99871309	-0,112	0,315
CHR4	22280543	CHR4:22280543	SSF x Near_LoA	-8,59211815	0,109	0,301
CHR4	22280552	CHR4:22280552	SSF x Near_LoA	-10,0013335	-0,059	0,306
CHR4	22280569	CHR4:22280569	SSF x Near_LoA	-6,10678844	0,102	0,302
CHR4	22280572	CHR4:22280572	SSF x Near_LoA	-10,850305	-0,070	0,298
CHR4	22280588	CHR4:22280588	SSF x Near_LoA	-6,21116021	-0,129	0,299
CHR4	2228903	CHR4:2228903	SSF x Near_LoA	-11,5587801	-0,045	0,291
CHR4	22292994	CHR4:22292994	SSF x Near_LoA	-9,5572699	-0,069	0,311
CHR4	22293002	CHR4:22293002	SSF x Near_LoA	-9,98142668	-0,052	0,308
CHR4	22293029	CHR4:22293029	SSF x Near_LoA	-9,0121102	0,070	0,325

CHR4	22293037	CHR4:22293037	SSF x Near_LoA	-8,63640011	0,154	0,293
CHR4	22293044	CHR4:22293044	SSF x Near_LoA	-8,00750549	0,169	0,308
CHR4	22293061	CHR4:22293061	SSF x Near_LoA	-8,43012035	0,120	0,307
CHR4	22293063	CHR4:22293063	SSF x Near_LoA	-9,47214449	-0,065	0,310
CHR4	22293095	CHR4:22293095	SSF x Near_LoA	-6,09436139	0,009	0,320
CHR4	22303815	CHR4:22303815	SSF x Near_LoA	-8,31856855	0,000	0,311
CHR4	22303851	CHR4:22303851	SSF x Near_LoA	2,8126543	0,079	0,320
CHR4	22303889	CHR4:22303889	SSF x Near_LoA	-8,26318906	-0,040	0,313
CHR4	22303897	CHR4:22303897	SSF x Near_LoA	-8,60513107	0,070	0,313
CHR4	22303913	CHR4:22303913	SSF x Near_LoA	-8,24161739	-0,021	0,309
CHR4	22317993	CHR4:22317993	SSF x Near_LoA	-6,23304614	0,022	0,316
CHR4	22335193	CHR4:22335193	SSF x Near_LoA	-9,99777411	0,039	0,306
CHR4	22335210	CHR4:22335210	SSF x Near_LoA	-8,3104422	0,077	0,314
CHR4	22348984	CHR4:22348984	SSF x Near_LoA	-9,67105944	-0,124	0,293
CHR4	22349084	CHR4:22349084	SSF x Near_LoA	-9,54475233	-0,083	0,306
CHR4	22360837	CHR4:22360837	SSF x Near_LoA	-8,24886792	-0,027	0,313
CHR4	22360838	CHR4:22360838	SSF x Near_LoA	-6,90266498	-0,088	0,304
CHR4	22360870	CHR4:22360870	SSF x Near_LoA	-9,08124825	0,037	0,310
CHR4	22360891	CHR4:22360891	SSF x Near_LoA	-7,72738041	0,031	0,314
CHR4	22361009	CHR4:22361009	SSF x Near_LoA	-7,08408705	-0,102	0,290
CHR4	22365581	CHR4:22365581	SSF x Near_LoA	-10,1070664	-0,093	0,296
CHR4	22365607	CHR4:22365607	SSF x Near_LoA	-9,21221643	-0,046	0,305
CHR4	22365661	CHR4:22365661	SSF x Near_LoA	-10,2953617	-0,041	0,298
CHR4	22365918	CHR4:22365918	SSF x Near_LoA	-10,7330069	-0,124	0,299
CHR4	22365921	CHR4:22365921	SSF x Near_LoA	-5,9052201	-0,173	0,297
CHR4	22365989	CHR4:22365989	SSF x Near_LoA	-7,11293376	0,236	0,290
CHR4	22366022	CHR4:22366022	SSF x Near_LoA	-10,1955733	-0,052	0,322
CHR4	22413398	CHR4:22413398	SSF x Near_LoA	-6,86422147	-0,143	0,297
CHR4	22414931	CHR4:22414931	SSF x Near_LoA	-8,71003295	-0,041	0,312
CHR4	22415015	CHR4:22415015	SSF x Near_LoA	-10,2630548	-0,066	0,304
CHR4	22415166	CHR4:22415166	SSF x Near_LoA	-8,22343317	-0,036	0,323
CHR4	22417550	CHR4:22417550	SSF x Near_LoA	-8,001401	-0,004	0,319
CHR4	22417591	CHR4:22417591	SSF x Near_LoA	-8,20182682	0,082	0,311
CHR4	22417634	CHR4:22417634	SSF x Near_LoA	-9,29749841	0,022	0,318
CHR4	22419281	CHR4:22419281	SSF x Near_LoA	-10,8778806	-0,008	0,309
CHR4	22419305	CHR4:22419305	SSF x Near_LoA	-7,87912245	0,002	0,325
CHR4	22423562	CHR4:22423562	SSF x Near_LoA	-8,7490019	0,047	0,300
CHR4	22423647	CHR4:22423647	SSF x Near_LoA	-8,14358282	-0,065	0,306
CHR4	2242690	CHR4:2242690	SSF x Near_LoA	-11,07949	-0,051	0,310
CHR4	2242732	CHR4:2242732	SSF x Near_LoA	-10,655964	-0,038	0,312
CHR4	2242739	CHR4:2242739	SSF x Near_LoA	-7,7827564	0,045	0,301
CHR4	2242765	CHR4:2242765	SSF x Near_LoA	-9,84158308	-0,010	0,318
CHR4	2242905	CHR4:2242905	SSF x Near_LoA	-9,27418313	0,044	0,317
CHR4	22431209	CHR4:22431209	SSF x Near_LoA	-9,05367757	-0,038	0,313
CHR4	22431325	CHR4:22431325	SSF x Near_LoA	-10,4578273	0,008	0,296
CHR4	22431329	CHR4:22431329	SSF x Near_LoA	-9,23075027	0,021	0,310
CHR4	22431365	CHR4:22431365	SSF x Near_LoA	-8,32266495	0,060	0,303
CHR4	22444995	CHR4:22444995	SSF x Near_LoA	-10,4438148	0,000	0,325
CHR4	22445004	CHR4:22445004	SSF x Near_LoA	-10,2518269	-0,048	0,296
CHR4	22445031	CHR4:22445031	SSF x Near_LoA	-8,26863393	-0,055	0,311
CHR4	22445045	CHR4:22445045	SSF x Near_LoA	-11,3272443	0,024	0,312
CHR4	22445069	CHR4:22445069	SSF x Near_LoA	-3,79596512	0,014	0,307
CHR4	22451871	CHR4:22451871	SSF x Near_LoA	-10,952156	-0,029	0,314

CHR4	22451875	CHR4:22451875	SSF x Near_LoA	-2,66733482	-0,136	0,314
CHR4	22451876	CHR4:22451876	SSF x Near_LoA	-10,793161	0,053	0,296
CHR4	22451881	CHR4:22451881	SSF x Near_LoA	-9,83549199	-0,109	0,310
CHR4	22451943	CHR4:22451943	SSF x Near_LoA	-10,4774464	-0,052	0,303
CHR4	22452014	CHR4:22452014	SSF x Near_LoA	-8,64112478	0,114	0,301
CHR4	22476416	CHR4:22476416	SSF x Near_LoA	-4,80215088	-0,202	0,299
CHR4	22476432	CHR4:22476432	SSF x Near_LoA	-6,800382	0,052	0,304
CHR4	22477568	CHR4:22477568	SSF x Near_LoA	-8,22889018	-0,138	0,300
CHR4	22481010	CHR4:22481010	SSF x Near_LoA	-9,510817	0,047	0,311
CHR4	22481015	CHR4:22481015	SSF x Near_LoA	-10,7446075	0,002	0,289
CHR4	22481020	CHR4:22481020	SSF x Near_LoA	-9,18238555	0,067	0,304
CHR4	22481056	CHR4:22481056	SSF x Near_LoA	-8,85016349	0,022	0,310
CHR4	22481065	CHR4:22481065	SSF x Near_LoA	-7,16253401	0,012	0,319
CHR4	22481068	CHR4:22481068	SSF x Near_LoA	-11,219055	0,022	0,307
CHR4	22481069	CHR4:22481069	SSF x Near_LoA	-11,0601652	0,059	0,309
CHR4	22487639	CHR4:22487639	SSF x Near_LoA	-9,64697567	0,007	0,321
CHR4	22487753	CHR4:22487753	SSF x Near_LoA	-8,01536836	0,071	0,312
CHR4	22487811	CHR4:22487811	SSF x Near_LoA	-6,97833518	0,172	0,298
CHR4	22489486	CHR4:22489486	SSF x Near_LoA	-5,77989339	0,086	0,309
CHR4	22489537	CHR4:22489537	SSF x Near_LoA	-8,41553567	0,004	0,296
CHR4	22491707	CHR4:22491707	SSF x Near_LoA	-6,07339589	-0,016	0,310
CHR4	22491787	CHR4:22491787	SSF x Near_LoA	-10,6212203	-0,026	0,292
CHR4	22492884	CHR4:22492884	SSF x Near_LoA	-8,03504309	0,078	0,304
CHR4	22494882	CHR4:22494882	SSF x Near_LoA	-10,950177	-0,041	0,314
CHR4	22494908	CHR4:22494908	SSF x Near_LoA	-9,94632436	0,004	0,320
CHR4	22494910	CHR4:22494910	SSF x Near_LoA	-10,4192721	0,044	0,304
CHR4	22494916	CHR4:22494916	SSF x Near_LoA	-10,0851485	-0,093	0,297
CHR4	22495861	CHR4:22495861	SSF x Near_LoA	-11,4370398	-0,040	0,307
CHR4	22495897	CHR4:22495897	SSF x Near_LoA	-9,66762404	0,050	0,309
CHR4	22495919	CHR4:22495919	SSF x Near_LoA	-10,2643398	0,058	0,300
CHR4	22495938	CHR4:22495938	SSF x Near_LoA	-6,16393421	-0,023	0,306
CHR4	22495968	CHR4:22495968	SSF x Near_LoA	-10,0062929	0,013	0,307
CHR4	22501529	CHR4:22501529	SSF x Near_LoA	-5,40411041	-0,073	0,300
CHR4	22501666	CHR4:22501666	SSF x Near_LoA	-9,55502542	0,027	0,317
CHR4	22501699	CHR4:22501699	SSF x Near_LoA	-6,56703025	-0,044	0,299
CHR4	22501745	CHR4:22501745	SSF x Near_LoA	-7,31407699	-0,091	0,319
CHR4	22501762	CHR4:22501762	SSF x Near_LoA	-8,7645542	0,010	0,307
CHR4	22501768	CHR4:22501768	SSF x Near_LoA	-11,0745707	0,121	0,296
CHR4	22501771	CHR4:22501771	SSF x Near_LoA	-8,94999081	-0,018	0,308
CHR4	22505557	CHR4:22505557	SSF x Near_LoA	-9,92609299	-0,033	0,309
CHR4	22505582	CHR4:22505582	SSF x Near_LoA	-8,45172367	-0,063	0,309
CHR4	22505586	CHR4:22505586	SSF x Near_LoA	-6,28973231	-0,048	0,305
CHR4	22505591	CHR4:22505591	SSF x Near_LoA	-9,41949307	0,037	0,308
CHR4	22505600	CHR4:22505600	SSF x Near_LoA	-10,6754025	-0,010	0,290
CHR4	22505617	CHR4:22505617	SSF x Near_LoA	-7,96700408	-0,062	0,314
CHR4	22505643	CHR4:22505643	SSF x Near_LoA	2,02575112	-0,006	0,319
CHR4	22505646	CHR4:22505646	SSF x Near_LoA	-8,26370432	-0,007	0,293
CHR4	22505682	CHR4:22505682	SSF x Near_LoA	-8,83995934	0,027	0,298
CHR4	22505692	CHR4:22505692	SSF x Near_LoA	-6,71750575	-0,050	0,299
CHR4	22505719	CHR4:22505719	SSF x Near_LoA	-9,392655	0,009	0,321
CHR4	22505731	CHR4:22505731	SSF x Near_LoA	-8,64840226	-0,051	0,310
CHR4	22505747	CHR4:22505747	SSF x Near_LoA	-7,07033216	-0,029	0,308
CHR4	22515486	CHR4:22515486	SSF x Near_LoA	0,40996156	-0,167	0,292

CHR4	22515503	CHR4:22515503	SSF x Near_LoA	-9,66240935	0,005	0,305
CHR4	22516143	CHR4:22516143	SSF x Near_LoA	-9,11104724	-0,049	0,304
CHR4	22516174	CHR4:22516174	SSF x Near_LoA	-10,5394249	0,118	0,291
CHR4	22516256	CHR4:22516256	SSF x Near_LoA	-7,65089185	-0,106	0,310
CHR4	2251770	CHR4:2251770	SSF x Near_LoA	-7,60862076	0,105	0,312
CHR4	2251771	CHR4:2251771	SSF x Near_LoA	-7,94966286	0,081	0,309
CHR4	2251775	CHR4:2251775	SSF x Near_LoA	-6,01704621	0,094	0,299
CHR4	2251925	CHR4:2251925	SSF x Near_LoA	-8,09473144	-0,048	0,308
CHR4	22530403	CHR4:22530403	SSF x Near_LoA	-10,3194944	-0,078	0,301
CHR4	22533904	CHR4:22533904	SSF x Near_LoA	-9,37162853	-0,007	0,315
CHR4	22534155	CHR4:22534155	SSF x Near_LoA	-11,7055887	-0,092	0,295
CHR4	2253720	CHR4:2253720	SSF x Near_LoA	-8,45296038	-0,007	0,323
CHR4	2253766	CHR4:2253766	SSF x Near_LoA	-8,21502246	-0,001	0,323
CHR4	22538273	CHR4:22538273	SSF x Near_LoA	-7,268339	0,061	0,299
CHR4	22538298	CHR4:22538298	SSF x Near_LoA	-9,77445138	0,017	0,298
CHR4	22538332	CHR4:22538332	SSF x Near_LoA	-5,13548792	-0,110	0,317
CHR4	22538334	CHR4:22538334	SSF x Near_LoA	1,07058414	0,102	0,316
CHR4	22538349	CHR4:22538349	SSF x Near_LoA	-6,92154486	-0,105	0,301
CHR4	22538360	CHR4:22538360	SSF x Near_LoA	-10,6176843	-0,045	0,304
CHR4	2253844	CHR4:2253844	SSF x Near_LoA	-11,921746	-0,009	0,304
CHR4	22538495	CHR4:22538495	SSF x Near_LoA	-3,12966553	0,032	0,312
CHR4	22540758	CHR4:22540758	SSF x Near_LoA	-8,72662473	0,017	0,321
CHR4	22540818	CHR4:22540818	SSF x Near_LoA	-10,4411778	0,060	0,312
CHR4	22540833	CHR4:22540833	SSF x Near_LoA	-5,3355645	-0,140	0,303
CHR4	22540863	CHR4:22540863	SSF x Near_LoA	-6,02401252	-0,047	0,308
CHR4	22540866	CHR4:22540866	SSF x Near_LoA	-7,86399626	-0,013	0,309
CHR4	2254741	CHR4:2254741	SSF x Near_LoA	-11,5115081	0,004	0,306
CHR4	22552433	CHR4:22552433	SSF x Near_LoA	-8,57547785	0,034	0,316
CHR4	22552561	CHR4:22552561	SSF x Near_LoA	-10,5592816	0,059	0,302
CHR4	22556195	CHR4:22556195	SSF x Near_LoA	-10,8652549	0,062	0,297
CHR4	22556228	CHR4:22556228	SSF x Near_LoA	-7,96141907	-0,160	0,307
CHR4	22558673	CHR4:22558673	SSF x Near_LoA	-11,398794	-0,010	0,293
CHR4	22558737	CHR4:22558737	SSF x Near_LoA	-10,907378	0,011	0,321
CHR4	225599	CHR4:225599	SSF x Near_LoA	-8,41707306	-0,105	0,292
CHR4	22569018	CHR4:22569018	SSF x Near_LoA	-10,3600035	0,066	0,313
CHR4	22569048	CHR4:22569048	SSF x Near_LoA	-9,71498308	0,071	0,301
CHR4	22569175	CHR4:22569175	SSF x Near_LoA	-7,31881186	-0,115	0,315
CHR4	22571409	CHR4:22571409	SSF x Near_LoA	-10,0976752	-0,025	0,306
CHR4	22571435	CHR4:22571435	SSF x Near_LoA	-8,25752412	0,168	0,305
CHR4	22573242	CHR4:22573242	SSF x Near_LoA	-9,40095673	-0,017	0,313
CHR4	22573245	CHR4:22573245	SSF x Near_LoA	-10,7249057	-0,020	0,297
CHR4	22573367	CHR4:22573367	SSF x Near_LoA	-10,031068	-0,066	0,311
CHR4	22573385	CHR4:22573385	SSF x Near_LoA	-10,4537124	-0,068	0,313
CHR4	22577992	CHR4:22577992	SSF x Near_LoA	-9,37484548	-0,118	0,299
CHR4	22579715	CHR4:22579715	SSF x Near_LoA	-11,0424994	-0,049	0,285
CHR4	22579857	CHR4:22579857	SSF x Near_LoA	-4,20167904	0,009	0,294
CHR4	22611189	CHR4:22611189	SSF x Near_LoA	-8,73008019	-0,150	0,307
CHR4	22618691	CHR4:22618691	SSF x Near_LoA	-10,4635632	-0,049	0,309
CHR4	22631871	CHR4:22631871	SSF x Near_LoA	-6,86563722	0,121	0,308
CHR4	22631888	CHR4:22631888	SSF x Near_LoA	-9,66796568	0,080	0,304
CHR4	22631892	CHR4:22631892	SSF x Near_LoA	-11,1046195	0,101	0,297
CHR4	22631901	CHR4:22631901	SSF x Near_LoA	-9,30414405	-0,070	0,289
CHR4	22650739	CHR4:22650739	SSF x Near_LoA	-10,9793723	0,018	0,315

CHR4	22652293	CHR4:22652293	SSF x Near_LoA	-9,47589563	-0,040	0,295
CHR4	22652334	CHR4:22652334	SSF x Near_LoA	-8,73006237	-0,023	0,312
CHR4	22652335	CHR4:22652335	SSF x Near_LoA	-8,38944346	-0,086	0,317
CHR4	22652373	CHR4:22652373	SSF x Near_LoA	-9,27099639	0,017	0,301
CHR4	22652381	CHR4:22652381	SSF x Near_LoA	-7,03651688	-0,096	0,315
CHR4	22657433	CHR4:22657433	SSF x Near_LoA	-11,3326764	-0,043	0,306
CHR4	22658076	CHR4:22658076	SSF x Near_LoA	-8,75974145	-0,073	0,313
CHR4	22658138	CHR4:22658138	SSF x Near_LoA	-10,1730862	0,054	0,298
CHR4	22661048	CHR4:22661048	SSF x Near_LoA	-11,1849155	0,107	0,304
CHR4	22665464	CHR4:22665464	SSF x Near_LoA	-10,7165965	-0,052	0,319
CHR4	22665603	CHR4:22665603	SSF x Near_LoA	-8,27830161	0,032	0,303
CHR4	22668343	CHR4:22668343	SSF x Near_LoA	-10,5255724	0,082	0,321
CHR4	22668361	CHR4:22668361	SSF x Near_LoA	-10,035717	0,058	0,302
CHR4	22668364	CHR4:22668364	SSF x Near_LoA	-10,7164295	0,033	0,302
CHR4	22668495	CHR4:22668495	SSF x Near_LoA	-9,51398262	0,035	0,300
CHR4	22674001	CHR4:22674001	SSF x Near_LoA	-9,95713347	0,006	0,303
CHR4	22674091	CHR4:22674091	SSF x Near_LoA	-12,2694016	0,005	0,306
CHR4	22679298	CHR4:22679298	SSF x Near_LoA	-7,80152832	-0,053	0,299
CHR4	22679376	CHR4:22679376	SSF x Near_LoA	-8,85867388	-0,034	0,321
CHR4	22679399	CHR4:22679399	SSF x Near_LoA	-3,03623077	-0,060	0,306
CHR4	22679492	CHR4:22679492	SSF x Near_LoA	-9,03839757	-0,133	0,302
CHR4	22681763	CHR4:22681763	SSF x Near_LoA	-8,73414775	0,010	0,301
CHR4	22681796	CHR4:22681796	SSF x Near_LoA	-8,18202915	-0,052	0,318
CHR4	22681800	CHR4:22681800	SSF x Near_LoA	-9,58222719	-0,009	0,314
CHR4	22681805	CHR4:22681805	SSF x Near_LoA	-11,1886869	0,056	0,320
CHR4	22681818	CHR4:22681818	SSF x Near_LoA	-8,65981935	0,061	0,312
CHR4	22681846	CHR4:22681846	SSF x Near_LoA	-7,61349111	0,023	0,306
CHR4	22685599	CHR4:22685599	SSF x Near_LoA	-10,3221896	0,055	0,305
CHR4	22685614	CHR4:22685614	SSF x Near_LoA	-8,24530193	0,000	0,324
CHR4	22685654	CHR4:22685654	SSF x Near_LoA	-10,0504794	-0,078	0,314
CHR4	22685713	CHR4:22685713	SSF x Near_LoA	-12,0180964	0,061	0,299
CHR4	22685785	CHR4:22685785	SSF x Near_LoA	-9,78998235	-0,021	0,309
CHR4	22691334	CHR4:22691334	SSF x Near_LoA	-9,9615363	-0,131	0,311
CHR4	22691512	CHR4:22691512	SSF x Near_LoA	-10,3503393	0,044	0,285
CHR4	22691648	CHR4:22691648	SSF x Near_LoA	-9,63816183	-0,027	0,307
CHR4	22698343	CHR4:22698343	SSF x Near_LoA	-7,88110831	0,049	0,320
CHR4	22698423	CHR4:22698423	SSF x Near_LoA	-9,54340674	0,026	0,308
CHR4	22698433	CHR4:22698433	SSF x Near_LoA	-8,9213546	-0,022	0,311
CHR4	22698436	CHR4:22698436	SSF x Near_LoA	-9,46944743	-0,022	0,311
CHR4	22698449	CHR4:22698449	SSF x Near_LoA	-9,24444905	-0,062	0,304
CHR4	22698464	CHR4:22698464	SSF x Near_LoA	-10,0811192	0,013	0,301
CHR4	22698467	CHR4:22698467	SSF x Near_LoA	-11,8643492	-0,027	0,309
CHR4	22698578	CHR4:22698578	SSF x Near_LoA	-12,8056792	-0,004	0,319
CHR4	22711395	CHR4:22711395	SSF x Near_LoA	-9,75265168	-0,191	0,307
CHR4	22711402	CHR4:22711402	SSF x Near_LoA	-7,87418148	-0,195	0,299
CHR4	22711411	CHR4:22711411	SSF x Near_LoA	-11,0010505	-0,089	0,304
CHR4	22711424	CHR4:22711424	SSF x Near_LoA	-2,49741608	-0,130	0,318
CHR4	22711465	CHR4:22711465	SSF x Near_LoA	-9,57760583	-0,001	0,309
CHR4	22711467	CHR4:22711467	SSF x Near_LoA	-9,37423076	-0,012	0,307
CHR4	22711474	CHR4:22711474	SSF x Near_LoA	-9,12909694	0,005	0,316
CHR4	22711477	CHR4:22711477	SSF x Near_LoA	-9,68727678	0,005	0,321
CHR4	22711577	CHR4:22711577	SSF x Near_LoA	-10,4392889	-0,002	0,313
CHR4	22718398	CHR4:22718398	SSF x Near_LoA	-7,69774866	0,146	0,302

CHR4	22718411	CHR4:22718411	SSF x Near_LoA	-6,73418076	-0,147	0,292
CHR4	22718444	CHR4:22718444	SSF x Near_LoA	-10,1630862	0,090	0,305
CHR4	22738349	CHR4:22738349	SSF x Near_LoA	-8,05105091	-0,056	0,318
CHR4	22738354	CHR4:22738354	SSF x Near_LoA	-9,84027516	-0,051	0,312
CHR4	22746254	CHR4:22746254	SSF x Near_LoA	-9,3136918	0,128	0,305
CHR4	22746434	CHR4:22746434	SSF x Near_LoA	-10,4534558	-0,034	0,305
CHR4	22747493	CHR4:22747493	SSF x Near_LoA	-11,3237789	-0,015	0,306
CHR4	22747537	CHR4:22747537	SSF x Near_LoA	-10,69373	0,009	0,321
CHR4	22747675	CHR4:22747675	SSF x Near_LoA	-8,82687391	0,184	0,308
CHR4	22758335	CHR4:22758335	SSF x Near_LoA	-7,52111576	0,128	0,310
CHR4	22758337	CHR4:22758337	SSF x Near_LoA	-6,49974588	0,111	0,308
CHR4	22758579	CHR4:22758579	SSF x Near_LoA	-7,59897257	0,140	0,297
CHR4	22771981	CHR4:22771981	SSF x Near_LoA	-9,36899565	-0,035	0,305
CHR4	22772181	CHR4:22772181	SSF x Near_LoA	-6,6976951	0,036	0,314
CHR4	22773406	CHR4:22773406	SSF x Near_LoA	-6,85655695	0,044	0,294
CHR4	22773408	CHR4:22773408	SSF x Near_LoA	-7,56924361	-0,067	0,307
CHR4	22773418	CHR4:22773418	SSF x Near_LoA	-10,3003319	-0,087	0,303
CHR4	22773570	CHR4:22773570	SSF x Near_LoA	-9,9308391	0,058	0,302
CHR4	22775908	CHR4:22775908	SSF x Near_LoA	-7,87100958	0,056	0,305
CHR4	22786739	CHR4:22786739	SSF x Near_LoA	-6,88815716	0,014	0,309
CHR4	22786793	CHR4:22786793	SSF x Near_LoA	-5,45639591	-0,045	0,308
CHR4	22788399	CHR4:22788399	SSF x Near_LoA	-10,6497448	0,013	0,317
CHR4	22788620	CHR4:22788620	SSF x Near_LoA	-10,5653401	0,015	0,301
CHR4	22790548	CHR4:22790548	SSF x Near_LoA	-3,63156645	0,021	0,302
CHR4	22790628	CHR4:22790628	SSF x Near_LoA	-9,30690041	0,045	0,302
CHR4	22802132	CHR4:22802132	SSF x Near_LoA	-7,44119715	0,053	0,316
CHR4	22802141	CHR4:22802141	SSF x Near_LoA	-9,64583062	-0,027	0,310
CHR4	22802281	CHR4:22802281	SSF x Near_LoA	-9,34079902	0,087	0,302
CHR4	22806043	CHR4:22806043	SSF x Near_LoA	-8,56477572	-0,027	0,302
CHR4	22817405	CHR4:22817405	SSF x Near_LoA	-10,3601394	0,128	0,298
CHR4	22817437	CHR4:22817437	SSF x Near_LoA	-10,9054222	0,033	0,315
CHR4	22834347	CHR4:22834347	SSF x Near_LoA	-9,04449961	-0,009	0,299
CHR4	22834473	CHR4:22834473	SSF x Near_LoA	-9,35352494	-0,120	0,310
CHR4	22843888	CHR4:22843888	SSF x Near_LoA	0,9824743	0,102	0,307
CHR4	22843893	CHR4:22843893	SSF x Near_LoA	-8,35696084	0,080	0,320
CHR4	22843926	CHR4:22843926	SSF x Near_LoA	-8,53879896	-0,075	0,316
CHR4	22843938	CHR4:22843938	SSF x Near_LoA	-8,12294498	0,121	0,320
CHR4	22860921	CHR4:22860921	SSF x Near_LoA	-10,4141962	-0,101	0,327
CHR4	22862072	CHR4:22862072	SSF x Near_LoA	-10,6607827	0,122	0,294
CHR4	22864957	CHR4:22864957	SSF x Near_LoA	-9,22048073	-0,009	0,315
CHR4	22865019	CHR4:22865019	SSF x Near_LoA	-10,2568001	-0,020	0,304
CHR4	22869587	CHR4:22869587	SSF x Near_LoA	-6,05163576	-0,130	0,298
CHR4	22871599	CHR4:22871599	SSF x Near_LoA	-6,54844446	-0,113	0,300
CHR4	22873876	CHR4:22873876	SSF x Near_LoA	-8,68659776	0,101	0,302
CHR4	22884439	CHR4:22884439	SSF x Near_LoA	-8,70976264	-0,069	0,302
CHR4	22884531	CHR4:22884531	SSF x Near_LoA	-6,96563992	-0,183	0,302
CHR4	22884536	CHR4:22884536	SSF x Near_LoA	-10,0843494	-0,062	0,305
CHR4	22884594	CHR4:22884594	SSF x Near_LoA	-6,30013419	-0,143	0,294
CHR4	22884638	CHR4:22884638	SSF x Near_LoA	-9,3146686	-0,119	0,306
CHR4	22884648	CHR4:22884648	SSF x Near_LoA	-10,0841887	-0,080	0,315
CHR4	22884658	CHR4:22884658	SSF x Near_LoA	-6,93639506	0,216	0,289
CHR4	22884668	CHR4:22884668	SSF x Near_LoA	-6,68495324	-0,055	0,314
CHR4	22888301	CHR4:22888301	SSF x Near_LoA	-7,75996089	0,013	0,310

CHR4	22888347	CHR4:22888347	SSF x Near_LoA	-10,4556267	-0,029	0,302
CHR4	22888468	CHR4:22888468	SSF x Near_LoA	-9,26376376	-0,072	0,309
CHR4	22888660	CHR4:22888660	SSF x Near_LoA	-8,63479775	0,008	0,306
CHR4	22897537	CHR4:22897537	SSF x Near_LoA	-7,24227742	0,036	0,302
CHR4	22897736	CHR4:22897736	SSF x Near_LoA	-7,12628752	0,016	0,313
CHR4	22898978	CHR4:22898978	SSF x Near_LoA	-9,36580373	0,042	0,314
CHR4	22899010	CHR4:22899010	SSF x Near_LoA	-9,78998449	-0,097	0,314
CHR4	22900023	CHR4:22900023	SSF x Near_LoA	-2,20648848	-0,030	0,314
CHR4	22907909	CHR4:22907909	SSF x Near_LoA	-8,04631077	0,007	0,312
CHR4	22907923	CHR4:22907923	SSF x Near_LoA	-6,22212289	-0,008	0,304
CHR4	22907932	CHR4:22907932	SSF x Near_LoA	-8,66699227	0,001	0,313
CHR4	22907934	CHR4:22907934	SSF x Near_LoA	-7,07310679	-0,060	0,307
CHR4	22908043	CHR4:22908043	SSF x Near_LoA	-9,10536219	0,038	0,301
CHR4	22908090	CHR4:22908090	SSF x Near_LoA	-10,428499	0,042	0,295
CHR4	22913440	CHR4:22913440	SSF x Near_LoA	-10,5773227	-0,034	0,315
CHR4	22913447	CHR4:22913447	SSF x Near_LoA	-7,05653191	-0,183	0,285
CHR4	2291871	CHR4:2291871	SSF x Near_LoA	-9,66984778	0,045	0,307
CHR4	2291895	CHR4:2291895	SSF x Near_LoA	-10,4173373	-0,098	0,320
CHR4	22927175	CHR4:22927175	SSF x Near_LoA	-8,72596554	-0,091	0,308
CHR4	22927583	CHR4:22927583	SSF x Near_LoA	-10,2870175	-0,071	0,319
CHR4	22938405	CHR4:22938405	SSF x Near_LoA	-9,88847156	0,003	0,310
CHR4	22974391	CHR4:22974391	SSF x Near_LoA	-10,9170216	0,038	0,302
CHR4	22981086	CHR4:22981086	SSF x Near_LoA	-7,65426183	-0,044	0,323
CHR4	22981199	CHR4:22981199	SSF x Near_LoA	-8,98498205	-0,089	0,303
CHR4	22983590	CHR4:22983590	SSF x Near_LoA	-8,06816923	0,093	0,295
CHR4	22985674	CHR4:22985674	SSF x Near_LoA	-10,9612396	0,031	0,314
CHR4	22985678	CHR4:22985678	SSF x Near_LoA	-10,7917337	0,073	0,309
CHR4	22985694	CHR4:22985694	SSF x Near_LoA	-8,40698453	0,104	0,303
CHR4	22985698	CHR4:22985698	SSF x Near_LoA	-10,177588	0,107	0,314
CHR4	22987688	CHR4:22987688	SSF x Near_LoA	-6,50423224	0,073	0,314
CHR4	22991420	CHR4:22991420	SSF x Near_LoA	-12,1129055	-0,018	0,299
CHR4	22991440	CHR4:22991440	SSF x Near_LoA	-8,47909072	-0,096	0,305
CHR4	22991469	CHR4:22991469	SSF x Near_LoA	-9,1932605	-0,041	0,313
CHR4	22991488	CHR4:22991488	SSF x Near_LoA	-8,9113834	-0,063	0,309
CHR4	22991501	CHR4:22991501	SSF x Near_LoA	-9,87024706	0,038	0,309
CHR4	22991520	CHR4:22991520	SSF x Near_LoA	-9,04937316	0,066	0,317
CHR4	22991543	CHR4:22991543	SSF x Near_LoA	-10,0487106	0,091	0,308
CHR4	22995646	CHR4:22995646	SSF x Near_LoA	-9,51217953	0,006	0,307
CHR4	22995759	CHR4:22995759	SSF x Near_LoA	-11,5740591	-0,069	0,299
CHR4	23006704	CHR4:23006704	SSF x Near_LoA	-11,1054968	0,013	0,290
CHR4	23006736	CHR4:23006736	SSF x Near_LoA	-8,92676862	0,039	0,306
CHR4	23006786	CHR4:23006786	SSF x Near_LoA	-9,45849659	-0,021	0,313
CHR4	23006834	CHR4:23006834	SSF x Near_LoA	-7,36385792	-0,018	0,315
CHR4	23006873	CHR4:23006873	SSF x Near_LoA	-8,00268765	0,036	0,310
CHR4	23006876	CHR4:23006876	SSF x Near_LoA	-6,87794759	0,033	0,291
CHR4	23006913	CHR4:23006913	SSF x Near_LoA	-9,92016223	0,107	0,291
CHR4	23010992	CHR4:23010992	SSF x Near_LoA	-11,1042413	0,013	0,307
CHR4	23011029	CHR4:23011029	SSF x Near_LoA	-9,46323626	0,097	0,298
CHR4	23011032	CHR4:23011032	SSF x Near_LoA	-9,04821273	0,109	0,310
CHR4	23011038	CHR4:23011038	SSF x Near_LoA	-2,68931588	0,112	0,317
CHR4	23011096	CHR4:23011096	SSF x Near_LoA	-7,61698096	-0,073	0,319
CHR4	23011115	CHR4:23011115	SSF x Near_LoA	-7,1162284	-0,085	0,309
CHR4	23011121	CHR4:23011121	SSF x Near_LoA	-9,0655584	0,103	0,317

CHR4	23011138	CHR4:23011138	SSF x Near_LoA	-8,3065044	-0,081	0,308
CHR4	23011175	CHR4:23011175	SSF x Near_LoA	-7,15229806	0,017	0,306
CHR4	23011194	CHR4:23011194	SSF x Near_LoA	-7,11546165	-0,092	0,311
CHR4	23011199	CHR4:23011199	SSF x Near_LoA	-8,56695237	-0,082	0,309
CHR4	23011226	CHR4:23011226	SSF x Near_LoA	-9,93148999	0,066	0,312
CHR4	23013094	CHR4:23013094	SSF x Near_LoA	-3,69965145	-0,009	0,302
CHR4	23013134	CHR4:23013134	SSF x Near_LoA	-7,31178904	0,071	0,316
CHR4	230155	CHR4:230155	SSF x Near_LoA	-7,97613895	-0,059	0,293
CHR4	23018681	CHR4:23018681	SSF x Near_LoA	-9,03957286	-0,052	0,304
CHR4	23020743	CHR4:23020743	SSF x Near_LoA	-5,60279025	0,182	0,304
CHR4	23022269	CHR4:23022269	SSF x Near_LoA	-9,99742939	-0,054	0,298
CHR4	23022271	CHR4:23022271	SSF x Near_LoA	-10,180271	-0,012	0,311
CHR4	23022299	CHR4:23022299	SSF x Near_LoA	-8,34045727	0,151	0,300
CHR4	23022309	CHR4:23022309	SSF x Near_LoA	-8,72479364	0,066	0,301
CHR4	23026167	CHR4:23026167	SSF x Near_LoA	-9,8548937	-0,003	0,313
CHR4	23028164	CHR4:23028164	SSF x Near_LoA	-11,4848039	-0,097	0,303
CHR4	23038523	CHR4:23038523	SSF x Near_LoA	-8,15842507	-0,109	0,316
CHR4	23038558	CHR4:23038558	SSF x Near_LoA	-9,17323034	-0,093	0,296
CHR4	23054099	CHR4:23054099	SSF x Near_LoA	-9,72392557	-0,063	0,303
CHR4	23054103	CHR4:23054103	SSF x Near_LoA	-9,11307861	0,002	0,302
CHR4	23054122	CHR4:23054122	SSF x Near_LoA	-10,8652116	0,020	0,315
CHR4	23054124	CHR4:23054124	SSF x Near_LoA	-10,4682652	0,029	0,307
CHR4	23054150	CHR4:23054150	SSF x Near_LoA	-6,25551816	-0,034	0,307
CHR4	23054196	CHR4:23054196	SSF x Near_LoA	-6,82276934	-0,104	0,295
CHR4	23054645	CHR4:23054645	SSF x Near_LoA	-10,3361811	0,023	0,305
CHR4	23054672	CHR4:23054672	SSF x Near_LoA	-11,4839269	0,081	0,311
CHR4	23061079	CHR4:23061079	SSF x Near_LoA	-10,5016224	-0,009	0,311
CHR4	23061129	CHR4:23061129	SSF x Near_LoA	-11,9781084	0,012	0,309
CHR4	23071162	CHR4:23071162	SSF x Near_LoA	-9,29726356	0,059	0,324
CHR4	23077111	CHR4:23077111	SSF x Near_LoA	-4,85847058	-0,091	0,331
CHR4	23077170	CHR4:23077170	SSF x Near_LoA	-7,66082361	-0,099	0,313
CHR4	23086383	CHR4:23086383	SSF x Near_LoA	-8,95973896	-0,080	0,295
CHR4	23086386	CHR4:23086386	SSF x Near_LoA	-7,2363723	0,039	0,303
CHR4	23095117	CHR4:23095117	SSF x Near_LoA	-3,34067799	0,149	0,287
CHR4	23095264	CHR4:23095264	SSF x Near_LoA	-9,38961807	0,053	0,299
CHR4	23095280	CHR4:23095280	SSF x Near_LoA	-9,3358605	-0,011	0,311
CHR4	23095300	CHR4:23095300	SSF x Near_LoA	-9,02297588	-0,015	0,305
CHR4	23095318	CHR4:23095318	SSF x Near_LoA	-6,80245375	0,033	0,305
CHR4	23095422	CHR4:23095422	SSF x Near_LoA	-8,30612522	0,012	0,299
CHR4	23098534	CHR4:23098534	SSF x Near_LoA	-10,1051596	-0,013	0,314
CHR4	23098570	CHR4:23098570	SSF x Near_LoA	-10,9286533	-0,044	0,313
CHR4	23102225	CHR4:23102225	SSF x Near_LoA	-9,28975102	0,066	0,306
CHR4	23102238	CHR4:23102238	SSF x Near_LoA	-8,7561808	-0,021	0,315
CHR4	23102240	CHR4:23102240	SSF x Near_LoA	-9,61024494	0,028	0,305
CHR4	23102291	CHR4:23102291	SSF x Near_LoA	-8,73994556	-0,026	0,314
CHR4	23107317	CHR4:23107317	SSF x Near_LoA	-8,10821186	0,120	0,305
CHR4	23107336	CHR4:23107336	SSF x Near_LoA	-8,63385017	0,134	0,290
CHR4	23107388	CHR4:23107388	SSF x Near_LoA	-1,9224897	-0,218	0,304
CHR4	23107783	CHR4:23107783	SSF x Near_LoA	-5,30564975	-0,167	0,290
CHR4	23109539	CHR4:23109539	SSF x Near_LoA	-7,89716648	-0,107	0,306
CHR4	23109549	CHR4:23109549	SSF x Near_LoA	-9,19114519	0,045	0,316
CHR4	23109577	CHR4:23109577	SSF x Near_LoA	-9,29607962	0,094	0,320
CHR4	23109607	CHR4:23109607	SSF x Near_LoA	-7,7268619	-0,143	0,305

CHR4	23109836	CHR4:23109836	SSF x Near_LoA	-10,1700335	-0,040	0,312
CHR4	23109994	CHR4:23109994	SSF x Near_LoA	-8,74796469	0,054	0,314
CHR4	23126450	CHR4:23126450	SSF x Near_LoA	-10,2848022	0,017	0,293
CHR4	23126612	CHR4:23126612	SSF x Near_LoA	-8,64690462	-0,037	0,309
CHR4	23126622	CHR4:23126622	SSF x Near_LoA	-10,6410394	-0,007	0,311
CHR4	23126632	CHR4:23126632	SSF x Near_LoA	-10,5904822	-0,014	0,282
CHR4	23126678	CHR4:23126678	SSF x Near_LoA	-8,58149939	-0,005	0,295
CHR4	23126680	CHR4:23126680	SSF x Near_LoA	-9,80034499	0,000	0,297
CHR4	23126776	CHR4:23126776	SSF x Near_LoA	-8,41559626	0,169	0,316
CHR4	23134131	CHR4:23134131	SSF x Near_LoA	-11,239626	-0,060	0,305
CHR4	23134132	CHR4:23134132	SSF x Near_LoA	-11,4446974	-0,055	0,296
CHR4	23138360	CHR4:23138360	SSF x Near_LoA	-10,9561623	-0,003	0,324
CHR4	23138410	CHR4:23138410	SSF x Near_LoA	-11,9061905	-0,057	0,298
CHR4	23138411	CHR4:23138411	SSF x Near_LoA	-12,2110271	-0,044	0,305
CHR4	23138467	CHR4:23138467	SSF x Near_LoA	-11,5154951	0,042	0,310
CHR4	23138489	CHR4:23138489	SSF x Near_LoA	-8,34861593	0,073	0,315
CHR4	23138505	CHR4:23138505	SSF x Near_LoA	-11,0546766	-0,011	0,319
CHR4	23149582	CHR4:23149582	SSF x Near_LoA	-10,306435	-0,077	0,301
CHR4	23156560	CHR4:23156560	SSF x Near_LoA	-11,327888	0,017	0,295
CHR4	23156589	CHR4:23156589	SSF x Near_LoA	-8,52407198	-0,129	0,308
CHR4	23156592	CHR4:23156592	SSF x Near_LoA	-9,92308086	-0,007	0,304
CHR4	23156970	CHR4:23156970	SSF x Near_LoA	-6,25833532	-0,096	0,299
CHR4	23156979	CHR4:23156979	SSF x Near_LoA	3,38767185	0,079	0,297
CHR4	23157048	CHR4:23157048	SSF x Near_LoA	-8,47312687	0,058	0,291
CHR4	23162063	CHR4:23162063	SSF x Near_LoA	-8,99011381	0,020	0,310
CHR4	23162450	CHR4:23162450	SSF x Near_LoA	-10,725175	-0,112	0,313
CHR4	23162475	CHR4:23162475	SSF x Near_LoA	-9,54205068	-0,004	0,301
CHR4	23162476	CHR4:23162476	SSF x Near_LoA	-9,72577703	0,103	0,303
CHR4	23162491	CHR4:23162491	SSF x Near_LoA	-8,28437113	0,091	0,306
CHR4	23162502	CHR4:23162502	SSF x Near_LoA	-7,73419423	0,088	0,318
CHR4	23162554	CHR4:23162554	SSF x Near_LoA	-7,19614648	-0,110	0,299
CHR4	23174412	CHR4:23174412	SSF x Near_LoA	-8,95793232	-0,121	0,296
CHR4	23177202	CHR4:23177202	SSF x Near_LoA	-9,88737348	-0,026	0,306
CHR4	23177248	CHR4:23177248	SSF x Near_LoA	-7,35188706	0,119	0,307
CHR4	2318278	CHR4:2318278	SSF x Near_LoA	-7,76732112	-0,001	0,309
CHR4	2318281	CHR4:2318281	SSF x Near_LoA	-7,40639944	0,209	0,293
CHR4	2318295	CHR4:2318295	SSF x Near_LoA	-6,7225925	0,048	0,307
CHR4	2318338	CHR4:2318338	SSF x Near_LoA	-8,99673981	0,078	0,305
CHR4	2318343	CHR4:2318343	SSF x Near_LoA	-9,57103968	0,070	0,299
CHR4	23190235	CHR4:23190235	SSF x Near_LoA	-9,97835603	0,089	0,307
CHR4	23190265	CHR4:23190265	SSF x Near_LoA	-7,69967716	-0,122	0,325
CHR4	23190297	CHR4:23190297	SSF x Near_LoA	-10,9072831	-0,066	0,311
CHR4	23190303	CHR4:23190303	SSF x Near_LoA	-7,72086891	0,003	0,319
CHR4	2319359	CHR4:2319359	SSF x Near_LoA	-10,1207227	0,060	0,304
CHR4	23193960	CHR4:23193960	SSF x Near_LoA	-8,49969406	0,109	0,295
CHR4	23194033	CHR4:23194033	SSF x Near_LoA	-5,4699617	-0,214	0,291
CHR4	23194035	CHR4:23194035	SSF x Near_LoA	-8,83479716	-0,174	0,303
CHR4	23194098	CHR4:23194098	SSF x Near_LoA	-7,70043295	0,077	0,306
CHR4	23194138	CHR4:23194138	SSF x Near_LoA	-10,3596109	0,031	0,327
CHR4	2319536	CHR4:2319536	SSF x Near_LoA	-8,15729398	-0,050	0,306
CHR4	23196356	CHR4:23196356	SSF x Near_LoA	-9,33446309	-0,009	0,313
CHR4	23196368	CHR4:23196368	SSF x Near_LoA	-10,1467998	-0,022	0,310
CHR4	23196399	CHR4:23196399	SSF x Near_LoA	-9,94138987	0,084	0,293

CHR4	23196443	CHR4:23196443	SSF x Near_LoA	-8,91528635	0,112	0,307
CHR4	23196513	CHR4:23196513	SSF x Near_LoA	-9,7757862	0,066	0,312
CHR4	23196528	CHR4:23196528	SSF x Near_LoA	-8,84223236	0,013	0,299
CHR4	23202206	CHR4:23202206	SSF x Near_LoA	-10,4284428	-0,018	0,309
CHR4	23202218	CHR4:23202218	SSF x Near_LoA	-8,98656358	0,004	0,306
CHR4	23202236	CHR4:23202236	SSF x Near_LoA	-10,9904892	-0,017	0,316
CHR4	23202251	CHR4:23202251	SSF x Near_LoA	-8,14673929	0,033	0,306
CHR4	23207268	CHR4:23207268	SSF x Near_LoA	-8,97578305	0,099	0,308
CHR4	23207467	CHR4:23207467	SSF x Near_LoA	-9,42684896	-0,077	0,313
CHR4	23207497	CHR4:23207497	SSF x Near_LoA	-7,60628978	-0,018	0,311
CHR4	23209280	CHR4:23209280	SSF x Near_LoA	-11,3555118	0,017	0,317
CHR4	23209459	CHR4:23209459	SSF x Near_LoA	-9,01682409	-0,064	0,299
CHR4	23209494	CHR4:23209494	SSF x Near_LoA	-9,08188395	0,008	0,306
CHR4	23209501	CHR4:23209501	SSF x Near_LoA	-7,13186185	0,029	0,320
CHR4	23217632	CHR4:23217632	SSF x Near_LoA	-8,79498966	-0,035	0,313
CHR4	23217680	CHR4:23217680	SSF x Near_LoA	-8,33137747	0,131	0,310
CHR4	23219428	CHR4:23219428	SSF x Near_LoA	-10,0090925	0,002	0,295
CHR4	23219435	CHR4:23219435	SSF x Near_LoA	-8,7255948	0,034	0,311
CHR4	23219438	CHR4:23219438	SSF x Near_LoA	-7,71203545	0,029	0,299
CHR4	23219446	CHR4:23219446	SSF x Near_LoA	-10,3257736	-0,037	0,293
CHR4	23219462	CHR4:23219462	SSF x Near_LoA	-8,20009718	-0,080	0,309
CHR4	23219468	CHR4:23219468	SSF x Near_LoA	-8,41574113	0,015	0,327
CHR4	23219474	CHR4:23219474	SSF x Near_LoA	-9,73459361	-0,069	0,305
CHR4	23219561	CHR4:23219561	SSF x Near_LoA	-8,51659389	0,045	0,318
CHR4	23226323	CHR4:23226323	SSF x Near_LoA	-9,44260006	0,002	0,315
CHR4	23226539	CHR4:23226539	SSF x Near_LoA	-11,025434	0,049	0,305
CHR4	23227493	CHR4:23227493	SSF x Near_LoA	-8,9955813	-0,084	0,290
CHR4	23227502	CHR4:23227502	SSF x Near_LoA	-9,71064176	0,041	0,310
CHR4	23228319	CHR4:23228319	SSF x Near_LoA	-11,032221	0,101	0,293
CHR4	23233221	CHR4:23233221	SSF x Near_LoA	-10,6286007	-0,070	0,306
CHR4	23248343	CHR4:23248343	SSF x Near_LoA	-6,94820603	-0,029	0,311
CHR4	23248372	CHR4:23248372	SSF x Near_LoA	-11,1082861	0,021	0,302
CHR4	23248391	CHR4:23248391	SSF x Near_LoA	-10,5623158	-0,069	0,301
CHR4	23248434	CHR4:23248434	SSF x Near_LoA	-5,05937381	0,052	0,308
CHR4	23250943	CHR4:23250943	SSF x Near_LoA	-9,03858976	0,146	0,296
CHR4	23251177	CHR4:23251177	SSF x Near_LoA	-9,90413245	-0,123	0,304
CHR4	23254101	CHR4:23254101	SSF x Near_LoA	-6,9100356	-0,075	0,316
CHR4	23254267	CHR4:23254267	SSF x Near_LoA	-11,453087	-0,058	0,302
CHR4	2325643	CHR4:2325643	SSF x Near_LoA	-6,1838364	0,152	0,305
CHR4	2325650	CHR4:2325650	SSF x Near_LoA	-7,56576965	-0,150	0,310
CHR4	23260011	CHR4:23260011	SSF x Near_LoA	-5,43755993	-0,037	0,317
CHR4	23260086	CHR4:23260086	SSF x Near_LoA	-11,318248	0,021	0,305
CHR4	23260119	CHR4:23260119	SSF x Near_LoA	-10,041161	0,001	0,313
CHR4	23260140	CHR4:23260140	SSF x Near_LoA	-8,55638213	-0,022	0,301
CHR4	23260146	CHR4:23260146	SSF x Near_LoA	-9,19528296	-0,063	0,323
CHR4	23260236	CHR4:23260236	SSF x Near_LoA	-9,52252204	0,136	0,292
CHR4	23275740	CHR4:23275740	SSF x Near_LoA	-7,35071584	0,120	0,312
CHR4	23275765	CHR4:23275765	SSF x Near_LoA	-8,84628819	-0,094	0,306
CHR4	23275808	CHR4:23275808	SSF x Near_LoA	-8,35336086	-0,083	0,305
CHR4	23279196	CHR4:23279196	SSF x Near_LoA	-5,92758023	-0,011	0,302
CHR4	23279235	CHR4:23279235	SSF x Near_LoA	-5,41590392	0,201	0,289
CHR4	23279253	CHR4:23279253	SSF x Near_LoA	-9,26812899	-0,025	0,307
CHR4	23279303	CHR4:23279303	SSF x Near_LoA	-3,34018272	-0,081	0,307

CHR4	23279340	CHR4:23279340	SSF x Near_LoA	-8,40663497	-0,030	0,319
CHR4	23279343	CHR4:23279343	SSF x Near_LoA	-11,5736239	0,067	0,297
CHR4	23279346	CHR4:23279346	SSF x Near_LoA	-10,7667838	0,007	0,306
CHR4	23279378	CHR4:23279378	SSF x Near_LoA	-4,99844531	0,126	0,315
CHR4	23297771	CHR4:23297771	SSF x Near_LoA	-9,62817883	-0,087	0,313
CHR4	23297783	CHR4:23297783	SSF x Near_LoA	-6,67829184	-0,115	0,309
CHR4	23297811	CHR4:23297811	SSF x Near_LoA	-10,406139	-0,133	0,304
CHR4	23297835	CHR4:23297835	SSF x Near_LoA	-9,25049176	-0,140	0,310
CHR4	23297848	CHR4:23297848	SSF x Near_LoA	-8,97075593	-0,126	0,320
CHR4	23297866	CHR4:23297866	SSF x Near_LoA	-7,54773656	-0,148	0,313
CHR4	23309708	CHR4:23309708	SSF x Near_LoA	-9,94343621	0,112	0,301
CHR4	23309807	CHR4:23309807	SSF x Near_LoA	-6,19939682	-0,080	0,305
CHR4	23338236	CHR4:23338236	SSF x Near_LoA	-9,88427251	-0,120	0,306
CHR4	23340597	CHR4:23340597	SSF x Near_LoA	-7,97902894	-0,033	0,315
CHR4	23340618	CHR4:23340618	SSF x Near_LoA	-8,28768902	-0,015	0,290
CHR4	23340652	CHR4:23340652	SSF x Near_LoA	-8,75362489	-0,098	0,302
CHR4	23340655	CHR4:23340655	SSF x Near_LoA	-8,04769684	0,050	0,311
CHR4	23340658	CHR4:23340658	SSF x Near_LoA	-8,2442641	0,013	0,319
CHR4	23340698	CHR4:23340698	SSF x Near_LoA	-8,73119185	-0,010	0,312
CHR4	23340721	CHR4:23340721	SSF x Near_LoA	-10,6150737	0,063	0,310
CHR4	23340827	CHR4:23340827	SSF x Near_LoA	-5,40098856	0,018	0,311
CHR4	2335309	CHR4:2335309	SSF x Near_LoA	-7,91631168	0,143	0,288
CHR4	2335317	CHR4:2335317	SSF x Near_LoA	-3,8513092	0,156	0,304
CHR4	2335329	CHR4:2335329	SSF x Near_LoA	-4,34020767	0,139	0,293
CHR4	2335331	CHR4:2335331	SSF x Near_LoA	-9,79887297	-0,014	0,298
CHR4	2335364	CHR4:2335364	SSF x Near_LoA	-8,09474036	0,204	0,290
CHR4	2335412	CHR4:2335412	SSF x Near_LoA	-9,37219683	-0,142	0,309
CHR4	23360078	CHR4:23360078	SSF x Near_LoA	-9,27038252	0,018	0,314
CHR4	23360085	CHR4:23360085	SSF x Near_LoA	-9,36680517	-0,016	0,305
CHR4	23360108	CHR4:23360108	SSF x Near_LoA	-9,06291778	0,022	0,320
CHR4	23360932	CHR4:23360932	SSF x Near_LoA	-9,34387837	0,036	0,310
CHR4	23375319	CHR4:23375319	SSF x Near_LoA	-10,2918232	-0,073	0,320
CHR4	23375358	CHR4:23375358	SSF x Near_LoA	-10,4471141	-0,018	0,311
CHR4	23375402	CHR4:23375402	SSF x Near_LoA	-11,7126063	-0,042	0,301
CHR4	23381909	CHR4:23381909	SSF x Near_LoA	-8,89238892	0,021	0,304
CHR4	23381935	CHR4:23381935	SSF x Near_LoA	-8,41888798	0,025	0,306
CHR4	23386624	CHR4:23386624	SSF x Near_LoA	-6,39045174	0,112	0,299
CHR4	23386659	CHR4:23386659	SSF x Near_LoA	-4,78613655	-0,136	0,299
CHR4	23386740	CHR4:23386740	SSF x Near_LoA	-10,9257608	-0,006	0,303
CHR4	23386743	CHR4:23386743	SSF x Near_LoA	-11,3897167	-0,008	0,298
CHR4	23386850	CHR4:23386850	SSF x Near_LoA	3,72251178	0,030	0,297
CHR4	23386859	CHR4:23386859	SSF x Near_LoA	-9,10672654	0,172	0,294
CHR4	2338937	CHR4:2338937	SSF x Near_LoA	-9,01011245	0,044	0,300
CHR4	2338948	CHR4:2338948	SSF x Near_LoA	-10,4045225	-0,037	0,305
CHR4	2339036	CHR4:2339036	SSF x Near_LoA	-5,97538814	-0,169	0,291
CHR4	23392495	CHR4:23392495	SSF x Near_LoA	-8,38418202	0,054	0,320
CHR4	23392498	CHR4:23392498	SSF x Near_LoA	-10,4562368	-0,076	0,299
CHR4	23392531	CHR4:23392531	SSF x Near_LoA	-8,71265057	-0,158	0,294
CHR4	23392702	CHR4:23392702	SSF x Near_LoA	-7,04651603	0,194	0,288
CHR4	23398417	CHR4:23398417	SSF x Near_LoA	-10,4599917	0,018	0,297
CHR4	23399857	CHR4:23399857	SSF x Near_LoA	-10,43968	-0,111	0,285
CHR4	2340986	CHR4:2340986	SSF x Near_LoA	-9,63033494	0,096	0,303
CHR4	2341092	CHR4:2341092	SSF x Near_LoA	-8,51334809	0,149	0,297

CHR4	2341169	CHR4:2341169	SSF x Near_LoA	-8,07854849	-0,045	0,303
CHR4	23420052	CHR4:23420052	SSF x Near_LoA	-10,2024416	0,070	0,311
CHR4	2345592	CHR4:2345592	SSF x Near_LoA	-8,2599233	0,005	0,323
CHR4	2345604	CHR4:2345604	SSF x Near_LoA	-7,487803	-0,096	0,305
CHR4	2346564	CHR4:2346564	SSF x Near_LoA	-4,58493606	-0,223	0,294
CHR4	23469341	CHR4:23469341	SSF x Near_LoA	-6,52134045	-0,183	0,288
CHR4	23469347	CHR4:23469347	SSF x Near_LoA	-11,1960141	0,007	0,323
CHR4	23470388	CHR4:23470388	SSF x Near_LoA	-8,16179692	0,132	0,312
CHR4	23470395	CHR4:23470395	SSF x Near_LoA	-6,96361958	-0,145	0,313
CHR4	23470452	CHR4:23470452	SSF x Near_LoA	-5,30597755	-0,089	0,307
CHR4	23470455	CHR4:23470455	SSF x Near_LoA	-3,83624655	-0,118	0,301
CHR4	23470497	CHR4:23470497	SSF x Near_LoA	-12,0642992	-0,009	0,299
CHR4	23470549	CHR4:23470549	SSF x Near_LoA	-9,8865606	-0,078	0,321
CHR4	23470734	CHR4:23470734	SSF x Near_LoA	-7,51840399	-0,098	0,308
CHR4	23474281	CHR4:23474281	SSF x Near_LoA	-9,75797078	0,035	0,292
CHR4	23474491	CHR4:23474491	SSF x Near_LoA	-9,43901801	-0,027	0,300
CHR4	23482077	CHR4:23482077	SSF x Near_LoA	-9,20834312	-0,077	0,311
CHR4	23482121	CHR4:23482121	SSF x Near_LoA	-6,02204777	0,024	0,324
CHR4	23482145	CHR4:23482145	SSF x Near_LoA	-7,87009728	-0,028	0,311
CHR4	23482173	CHR4:23482173	SSF x Near_LoA	-5,30095571	0,128	0,304
CHR4	23482180	CHR4:23482180	SSF x Near_LoA	-8,17358839	-0,026	0,316
CHR4	23496552	CHR4:23496552	SSF x Near_LoA	-9,87775492	-0,034	0,321
CHR4	23496625	CHR4:23496625	SSF x Near_LoA	-10,8702681	0,058	0,306
CHR4	23496744	CHR4:23496744	SSF x Near_LoA	-9,55567214	-0,070	0,312
CHR4	23498907	CHR4:23498907	SSF x Near_LoA	-9,30884292	0,049	0,306
CHR4	23498914	CHR4:23498914	SSF x Near_LoA	-11,5766077	-0,093	0,300
CHR4	23498959	CHR4:23498959	SSF x Near_LoA	-11,388585	-0,028	0,317
CHR4	23499031	CHR4:23499031	SSF x Near_LoA	-8,56821723	0,122	0,314
CHR4	23499032	CHR4:23499032	SSF x Near_LoA	-7,63774022	0,112	0,304
CHR4	23499039	CHR4:23499039	SSF x Near_LoA	-6,67217316	-0,099	0,311
CHR4	23499066	CHR4:23499066	SSF x Near_LoA	-10,6075768	0,052	0,292
CHR4	23499097	CHR4:23499097	SSF x Near_LoA	-3,85715884	0,022	0,306
CHR4	23502762	CHR4:23502762	SSF x Near_LoA	-9,02038914	0,024	0,305
CHR4	23502769	CHR4:23502769	SSF x Near_LoA	-8,49901635	0,012	0,299
CHR4	23502861	CHR4:23502861	SSF x Near_LoA	-8,19148015	-0,042	0,331
CHR4	23502923	CHR4:23502923	SSF x Near_LoA	-10,906183	-0,005	0,295
CHR4	23528764	CHR4:23528764	SSF x Near_LoA	-8,73591291	-0,028	0,307
CHR4	23536296	CHR4:23536296	SSF x Near_LoA	-9,11878423	-0,024	0,312
CHR4	23536345	CHR4:23536345	SSF x Near_LoA	-2,41821433	0,196	0,295
CHR4	23536346	CHR4:23536346	SSF x Near_LoA	-11,0312553	0,022	0,311
CHR4	23536394	CHR4:23536394	SSF x Near_LoA	-6,13196056	0,186	0,297
CHR4	23536395	CHR4:23536395	SSF x Near_LoA	-4,85376516	0,212	0,301
CHR4	23550853	CHR4:23550853	SSF x Near_LoA	-8,86355035	-0,023	0,300
CHR4	23550862	CHR4:23550862	SSF x Near_LoA	-10,7014948	0,089	0,304
CHR4	23550958	CHR4:23550958	SSF x Near_LoA	-5,44397355	-0,165	0,304
CHR4	23551828	CHR4:23551828	SSF x Near_LoA	-11,1065434	-0,113	0,308
CHR4	23551922	CHR4:23551922	SSF x Near_LoA	-9,69598024	0,104	0,296
CHR4	23566870	CHR4:23566870	SSF x Near_LoA	-9,42288295	0,027	0,301
CHR4	23566876	CHR4:23566876	SSF x Near_LoA	-8,67480389	0,051	0,312
CHR4	23566889	CHR4:23566889	SSF x Near_LoA	-9,23602717	-0,079	0,316
CHR4	23566893	CHR4:23566893	SSF x Near_LoA	-8,31319937	-0,027	0,315
CHR4	23566918	CHR4:23566918	SSF x Near_LoA	-9,20256004	0,020	0,309
CHR4	23566927	CHR4:23566927	SSF x Near_LoA	-8,9400499	0,032	0,317

CHR4	23566936	CHR4:23566936	SSF x Near_LoA	-5,95134483	-0,111	0,304
CHR4	23566951	CHR4:23566951	SSF x Near_LoA	-8,1216193	-0,057	0,306
CHR4	23567002	CHR4:23567002	SSF x Near_LoA	-7,04803825	0,010	0,321
CHR4	23567069	CHR4:23567069	SSF x Near_LoA	-7,96038214	0,062	0,317
CHR4	23567070	CHR4:23567070	SSF x Near_LoA	-9,08890095	0,055	0,293
CHR4	23569191	CHR4:23569191	SSF x Near_LoA	-9,40285978	-0,134	0,291
CHR4	23577121	CHR4:23577121	SSF x Near_LoA	-9,07194826	0,053	0,310
CHR4	23577182	CHR4:23577182	SSF x Near_LoA	-10,121829	-0,023	0,298
CHR4	23577194	CHR4:23577194	SSF x Near_LoA	-11,6338043	0,076	0,304
CHR4	23577464	CHR4:23577464	SSF x Near_LoA	-0,45629505	-0,056	0,306
CHR4	23577513	CHR4:23577513	SSF x Near_LoA	-12,2036638	0,052	0,301
CHR4	23577519	CHR4:23577519	SSF x Near_LoA	-12,0845665	0,040	0,309
CHR4	23579989	CHR4:23579989	SSF x Near_LoA	-9,06879417	-0,085	0,318
CHR4	23580054	CHR4:23580054	SSF x Near_LoA	-2,83501614	-0,080	0,318
CHR4	23580055	CHR4:23580055	SSF x Near_LoA	-10,3696445	-0,086	0,299
CHR4	23580109	CHR4:23580109	SSF x Near_LoA	-8,87549707	-0,080	0,313
CHR4	23582795	CHR4:23582795	SSF x Near_LoA	-8,99321847	0,071	0,299
CHR4	23582834	CHR4:23582834	SSF x Near_LoA	-9,055001	0,050	0,311
CHR4	23582845	CHR4:23582845	SSF x Near_LoA	-7,97174869	0,120	0,298
CHR4	23582958	CHR4:23582958	SSF x Near_LoA	-12,4478947	-0,026	0,303
CHR4	23582967	CHR4:23582967	SSF x Near_LoA	0,88416594	-0,061	0,297
CHR4	23589510	CHR4:23589510	SSF x Near_LoA	-8,68967389	0,032	0,305
CHR4	23591589	CHR4:23591589	SSF x Near_LoA	-9,50943809	0,065	0,306
CHR4	23593384	CHR4:23593384	SSF x Near_LoA	-10,5528939	0,046	0,302
CHR4	23593402	CHR4:23593402	SSF x Near_LoA	-8,94404367	0,018	0,313
CHR4	23593468	CHR4:23593468	SSF x Near_LoA	-8,22976024	0,005	0,307
CHR4	23593487	CHR4:23593487	SSF x Near_LoA	-8,58489055	-0,046	0,306
CHR4	23598295	CHR4:23598295	SSF x Near_LoA	-9,50605432	0,017	0,312
CHR4	23598306	CHR4:23598306	SSF x Near_LoA	-10,2068337	0,122	0,292
CHR4	23598332	CHR4:23598332	SSF x Near_LoA	-9,75329135	0,135	0,304
CHR4	23598346	CHR4:23598346	SSF x Near_LoA	-8,76961285	-0,029	0,311
CHR4	23602115	CHR4:23602115	SSF x Near_LoA	-10,1652943	0,133	0,308
CHR4	23602116	CHR4:23602116	SSF x Near_LoA	-8,44514563	0,130	0,305
CHR4	2360277	CHR4:2360277	SSF x Near_LoA	-11,9298647	-0,027	0,305
CHR4	2360350	CHR4:2360350	SSF x Near_LoA	-8,3420823	-0,041	0,309
CHR4	2360386	CHR4:2360386	SSF x Near_LoA	-10,7411751	0,012	0,316
CHR4	23613044	CHR4:23613044	SSF x Near_LoA	-8,62693409	0,032	0,300
CHR4	23613665	CHR4:23613665	SSF x Near_LoA	-11,4388608	0,034	0,305
CHR4	23623640	CHR4:23623640	SSF x Near_LoA	-10,5423223	-0,048	0,306
CHR4	23623649	CHR4:23623649	SSF x Near_LoA	-9,02244399	-0,001	0,317
CHR4	23623668	CHR4:23623668	SSF x Near_LoA	-7,54344906	0,074	0,310
CHR4	23623692	CHR4:23623692	SSF x Near_LoA	-10,1605231	0,014	0,324
CHR4	23623703	CHR4:23623703	SSF x Near_LoA	-8,50681715	-0,081	0,319
CHR4	23623714	CHR4:23623714	SSF x Near_LoA	-7,27421215	-0,077	0,301
CHR4	23623759	CHR4:23623759	SSF x Near_LoA	-7,6432227	-0,170	0,298
CHR4	23623773	CHR4:23623773	SSF x Near_LoA	-10,663063	-0,042	0,305
CHR4	23623824	CHR4:23623824	SSF x Near_LoA	-10,9672278	0,025	0,309
CHR4	2363406	CHR4:2363406	SSF x Near_LoA	-10,4841293	0,177	0,294
CHR4	2363469	CHR4:2363469	SSF x Near_LoA	-10,8099015	0,000	0,296
CHR4	2363517	CHR4:2363517	SSF x Near_LoA	-10,3671859	-0,024	0,298
CHR4	23636709	CHR4:23636709	SSF x Near_LoA	-9,08266045	0,085	0,311
CHR4	23636714	CHR4:23636714	SSF x Near_LoA	-7,18206016	0,008	0,305
CHR4	23636719	CHR4:23636719	SSF x Near_LoA	-8,36360792	0,074	0,295

CHR4	23636727	CHR4:23636727	SSF x Near_LoA	-10,1016419	0,067	0,311
CHR4	23636728	CHR4:23636728	SSF x Near_LoA	-11,3401138	0,036	0,304
CHR4	23636768	CHR4:23636768	SSF x Near_LoA	-10,0819293	-0,033	0,299
CHR4	23641608	CHR4:23641608	SSF x Near_LoA	-7,82648795	0,114	0,301
CHR4	23641663	CHR4:23641663	SSF x Near_LoA	-9,503104	0,108	0,303
CHR4	23641827	CHR4:23641827	SSF x Near_LoA	-9,07476346	0,117	0,302
CHR4	23644974	CHR4:23644974	SSF x Near_LoA	-9,13730813	-0,037	0,309
CHR4	2364702	CHR4:2364702	SSF x Near_LoA	-8,51373225	-0,017	0,314
CHR4	23654240	CHR4:23654240	SSF x Near_LoA	-5,60299988	0,019	0,320
CHR4	23654251	CHR4:23654251	SSF x Near_LoA	-7,34980454	0,044	0,290
CHR4	23654263	CHR4:23654263	SSF x Near_LoA	-10,4258827	-0,107	0,304
CHR4	23654269	CHR4:23654269	SSF x Near_LoA	-8,62143015	-0,050	0,303
CHR4	23654270	CHR4:23654270	SSF x Near_LoA	-9,29391312	-0,028	0,318
CHR4	23654304	CHR4:23654304	SSF x Near_LoA	-8,85705279	0,075	0,310
CHR4	23654307	CHR4:23654307	SSF x Near_LoA	-9,95140598	-0,103	0,295
CHR4	23654324	CHR4:23654324	SSF x Near_LoA	-7,92228977	0,057	0,310
CHR4	23654341	CHR4:23654341	SSF x Near_LoA	-7,71881936	-0,038	0,300
CHR4	23654349	CHR4:23654349	SSF x Near_LoA	-8,41757487	-0,009	0,314
CHR4	23654410	CHR4:23654410	SSF x Near_LoA	-7,98145218	-0,019	0,311
CHR4	23654414	CHR4:23654414	SSF x Near_LoA	-8,86408001	-0,028	0,323
CHR4	23654449	CHR4:23654449	SSF x Near_LoA	-10,0638865	0,127	0,310
CHR4	23654458	CHR4:23654458	SSF x Near_LoA	-9,4170623	0,008	0,316
CHR4	23660370	CHR4:23660370	SSF x Near_LoA	-11,2020727	-0,021	0,313
CHR4	23660436	CHR4:23660436	SSF x Near_LoA	-8,86618244	-0,039	0,309
CHR4	23660486	CHR4:23660486	SSF x Near_LoA	-3,02559725	-0,014	0,316
CHR4	23660548	CHR4:23660548	SSF x Near_LoA	-9,35045307	0,006	0,311
CHR4	23660567	CHR4:23660567	SSF x Near_LoA	-8,43949977	0,032	0,320
CHR4	23660588	CHR4:23660588	SSF x Near_LoA	-8,98223553	-0,133	0,299
CHR4	23664726	CHR4:23664726	SSF x Near_LoA	-10,2729186	-0,084	0,315
CHR4	23664758	CHR4:23664758	SSF x Near_LoA	-7,55632399	-0,056	0,306
CHR4	23664941	CHR4:23664941	SSF x Near_LoA	-8,3816498	-0,021	0,318
CHR4	23671377	CHR4:23671377	SSF x Near_LoA	-7,70575994	0,167	0,308
CHR4	23671432	CHR4:23671432	SSF x Near_LoA	1,13630829	0,108	0,311
CHR4	23681476	CHR4:23681476	SSF x Near_LoA	-11,5410888	-0,020	0,314
CHR4	23681785	CHR4:23681785	SSF x Near_LoA	-9,53539266	0,159	0,292
CHR4	23685889	CHR4:23685889	SSF x Near_LoA	-5,34502099	-0,127	0,313
CHR4	23688848	CHR4:23688848	SSF x Near_LoA	-9,23347782	0,118	0,304
CHR4	23689650	CHR4:23689650	SSF x Near_LoA	-10,7223281	0,022	0,318
CHR4	23689651	CHR4:23689651	SSF x Near_LoA	-11,6341529	-0,015	0,312
CHR4	23696632	CHR4:23696632	SSF x Near_LoA	-8,042912	0,165	0,289
CHR4	23696641	CHR4:23696641	SSF x Near_LoA	-6,39391991	0,154	0,299
CHR4	23696864	CHR4:23696864	SSF x Near_LoA	-8,62436566	0,021	0,309
CHR4	23696887	CHR4:23696887	SSF x Near_LoA	-9,43863026	0,045	0,317
CHR4	23701176	CHR4:23701176	SSF x Near_LoA	-6,06417459	0,072	0,312
CHR4	23701181	CHR4:23701181	SSF x Near_LoA	-8,66844442	0,035	0,314
CHR4	23701253	CHR4:23701253	SSF x Near_LoA	-8,2007209	-0,073	0,310
CHR4	23702666	CHR4:23702666	SSF x Near_LoA	-8,90942818	0,073	0,318
CHR4	23719821	CHR4:23719821	SSF x Near_LoA	-8,34820447	-0,005	0,307
CHR4	23719825	CHR4:23719825	SSF x Near_LoA	-8,71806502	0,035	0,303
CHR4	23719831	CHR4:23719831	SSF x Near_LoA	-8,35657631	0,016	0,308
CHR4	23719834	CHR4:23719834	SSF x Near_LoA	-8,59547235	0,015	0,296
CHR4	23719839	CHR4:23719839	SSF x Near_LoA	-9,4417245	0,002	0,300
CHR4	23719847	CHR4:23719847	SSF x Near_LoA	-11,1030109	-0,084	0,297

CHR4	23719862	CHR4:23719862	SSF x Near_LoA	-8,57182721	-0,024	0,312
CHR4	23720008	CHR4:23720008	SSF x Near_LoA	-10,4888351	-0,064	0,293
CHR4	23722544	CHR4:23722544	SSF x Near_LoA	-8,34668453	-0,037	0,314
CHR4	23722785	CHR4:23722785	SSF x Near_LoA	-10,732333	0,038	0,307
CHR4	23724835	CHR4:23724835	SSF x Near_LoA	-4,92519101	-0,035	0,305
CHR4	23724909	CHR4:23724909	SSF x Near_LoA	-8,69913167	-0,019	0,302
CHR4	23724924	CHR4:23724924	SSF x Near_LoA	-7,05412761	0,097	0,307
CHR4	23724939	CHR4:23724939	SSF x Near_LoA	-9,69137706	0,053	0,302
CHR4	23724957	CHR4:23724957	SSF x Near_LoA	-10,0670202	0,056	0,300
CHR4	23735227	CHR4:23735227	SSF x Near_LoA	-10,7483138	-0,018	0,303
CHR4	23739417	CHR4:23739417	SSF x Near_LoA	-10,8126861	0,010	0,321
CHR4	2375213	CHR4:2375213	SSF x Near_LoA	-1,13418503	-0,003	0,298
CHR4	23753301	CHR4:23753301	SSF x Near_LoA	-8,93453335	-0,017	0,310
CHR4	23755146	CHR4:23755146	SSF x Near_LoA	-10,0768307	-0,093	0,309
CHR4	23755177	CHR4:23755177	SSF x Near_LoA	-7,74018043	0,081	0,315
CHR4	23755178	CHR4:23755178	SSF x Near_LoA	-5,19373554	0,102	0,304
CHR4	23755206	CHR4:23755206	SSF x Near_LoA	-7,45794118	0,055	0,306
CHR4	23755224	CHR4:23755224	SSF x Near_LoA	-8,85388475	0,063	0,310
CHR4	23755550	CHR4:23755550	SSF x Near_LoA	-7,62112389	0,057	0,302
CHR4	23755609	CHR4:23755609	SSF x Near_LoA	-9,22719705	0,019	0,301
CHR4	23755627	CHR4:23755627	SSF x Near_LoA	-8,76810112	-0,054	0,313
CHR4	23761534	CHR4:23761534	SSF x Near_LoA	-7,59016427	-0,119	0,304
CHR4	23761755	CHR4:23761755	SSF x Near_LoA	-9,63023076	-0,016	0,313
CHR4	23776689	CHR4:23776689	SSF x Near_LoA	-6,22714941	0,206	0,291
CHR4	23776757	CHR4:23776757	SSF x Near_LoA	-7,65907757	-0,191	0,299
CHR4	23776767	CHR4:23776767	SSF x Near_LoA	-10,4350574	-0,074	0,296
CHR4	23786628	CHR4:23786628	SSF x Near_LoA	-8,3757304	0,021	0,315
CHR4	23786630	CHR4:23786630	SSF x Near_LoA	-9,91892017	0,029	0,321
CHR4	23786693	CHR4:23786693	SSF x Near_LoA	-7,41471467	0,018	0,307
CHR4	23786706	CHR4:23786706	SSF x Near_LoA	-11,7598394	0,039	0,303
CHR4	23786708	CHR4:23786708	SSF x Near_LoA	-9,26631861	-0,041	0,304
CHR4	23786719	CHR4:23786719	SSF x Near_LoA	-9,11526248	-0,010	0,311
CHR4	23787478	CHR4:23787478	SSF x Near_LoA	-7,81334872	0,017	0,303
CHR4	23787506	CHR4:23787506	SSF x Near_LoA	-9,51485291	0,059	0,299
CHR4	23787542	CHR4:23787542	SSF x Near_LoA	-8,04463192	-0,141	0,287
CHR4	23787556	CHR4:23787556	SSF x Near_LoA	-7,70762759	0,130	0,304
CHR4	23787558	CHR4:23787558	SSF x Near_LoA	-1,11498288	-0,216	0,283
CHR4	23787561	CHR4:23787561	SSF x Near_LoA	-7,74636848	0,130	0,295
CHR4	23787579	CHR4:23787579	SSF x Near_LoA	-9,16814531	0,129	0,290
CHR4	23792993	CHR4:23792993	SSF x Near_LoA	-10,6428126	-0,006	0,306
CHR4	23793020	CHR4:23793020	SSF x Near_LoA	-8,13188647	0,001	0,308
CHR4	23793039	CHR4:23793039	SSF x Near_LoA	-11,1922371	0,022	0,310
CHR4	23793088	CHR4:23793088	SSF x Near_LoA	-7,88936339	-0,095	0,308
CHR4	23798792	CHR4:23798792	SSF x Near_LoA	-9,0826908	-0,004	0,304
CHR4	23798824	CHR4:23798824	SSF x Near_LoA	-8,8611492	0,034	0,324
CHR4	23799646	CHR4:23799646	SSF x Near_LoA	-9,1416198	0,050	0,307
CHR4	23801699	CHR4:23801699	SSF x Near_LoA	-8,83625895	-0,074	0,318
CHR4	23801722	CHR4:23801722	SSF x Near_LoA	-11,1988556	-0,013	0,311
CHR4	23801765	CHR4:23801765	SSF x Near_LoA	-7,83523779	0,093	0,309
CHR4	23801786	CHR4:23801786	SSF x Near_LoA	-9,23355228	0,055	0,303
CHR4	23801803	CHR4:23801803	SSF x Near_LoA	-8,51211212	0,103	0,312
CHR4	23801817	CHR4:23801817	SSF x Near_LoA	-11,1277838	0,037	0,310
CHR4	23801843	CHR4:23801843	SSF x Near_LoA	-9,25220596	0,086	0,317

CHR4	23801902	CHR4:23801902	SSF x Near_LoA	-10,1632431	0,018	0,305
CHR4	23801925	CHR4:23801925	SSF x Near_LoA	-12,2576193	0,040	0,295
CHR4	23805655	CHR4:23805655	SSF x Near_LoA	-9,32622057	-0,067	0,314
CHR4	23805823	CHR4:23805823	SSF x Near_LoA	-10,6294707	-0,020	0,307
CHR4	23822452	CHR4:23822452	SSF x Near_LoA	-11,341871	-0,023	0,303
CHR4	23822564	CHR4:23822564	SSF x Near_LoA	-9,89601957	0,005	0,299
CHR4	23822574	CHR4:23822574	SSF x Near_LoA	-9,60601271	-0,035	0,297
CHR4	23822592	CHR4:23822592	SSF x Near_LoA	-8,82070582	0,016	0,288
CHR4	23832117	CHR4:23832117	SSF x Near_LoA	-7,12041563	0,010	0,327
CHR4	23836267	CHR4:23836267	SSF x Near_LoA	-10,6764557	-0,004	0,302
CHR4	23836333	CHR4:23836333	SSF x Near_LoA	-7,7048793	-0,013	0,307
CHR4	23842188	CHR4:23842188	SSF x Near_LoA	-6,07251668	0,168	0,298
CHR4	2384518	CHR4:2384518	SSF x Near_LoA	-6,98660492	-0,163	0,304
CHR4	2384535	CHR4:2384535	SSF x Near_LoA	-7,71058319	-0,100	0,313
CHR4	2384554	CHR4:2384554	SSF x Near_LoA	-2,34099845	-0,259	0,290
CHR4	2384558	CHR4:2384558	SSF x Near_LoA	3,42931788	-0,274	0,290
CHR4	23845699	CHR4:23845699	SSF x Near_LoA	-9,11123679	0,000	0,311
CHR4	2384576	CHR4:2384576	SSF x Near_LoA	-9,74901588	-0,081	0,310
CHR4	23845760	CHR4:23845760	SSF x Near_LoA	-10,747099	-0,019	0,296
CHR4	23845764	CHR4:23845764	SSF x Near_LoA	-8,36397267	-0,070	0,295
CHR4	23845775	CHR4:23845775	SSF x Near_LoA	-10,2185232	0,118	0,302
CHR4	23850942	CHR4:23850942	SSF x Near_LoA	-10,6791792	-0,029	0,300
CHR4	23850946	CHR4:23850946	SSF x Near_LoA	-0,82916083	-0,119	0,310
CHR4	23850951	CHR4:23850951	SSF x Near_LoA	-8,11442702	0,094	0,317
CHR4	23851010	CHR4:23851010	SSF x Near_LoA	-9,24609463	-0,066	0,307
CHR4	23851017	CHR4:23851017	SSF x Near_LoA	-7,00594081	0,135	0,303
CHR4	23864911	CHR4:23864911	SSF x Near_LoA	-10,6908437	0,002	0,311
CHR4	23864934	CHR4:23864934	SSF x Near_LoA	-11,4797635	0,033	0,302
CHR4	23864941	CHR4:23864941	SSF x Near_LoA	-11,4536566	-0,086	0,305
CHR4	23875759	CHR4:23875759	SSF x Near_LoA	-6,7442141	-0,192	0,288
CHR4	23875945	CHR4:23875945	SSF x Near_LoA	-9,86773188	-0,101	0,323
CHR4	23875947	CHR4:23875947	SSF x Near_LoA	-9,19081485	-0,019	0,313
CHR4	23876854	CHR4:23876854	SSF x Near_LoA	-7,60858235	0,017	0,289
CHR4	23876863	CHR4:23876863	SSF x Near_LoA	-10,8503409	-0,037	0,305
CHR4	23876905	CHR4:23876905	SSF x Near_LoA	-10,3629069	-0,039	0,310
CHR4	23876952	CHR4:23876952	SSF x Near_LoA	-9,56085555	-0,077	0,317
CHR4	23883627	CHR4:23883627	SSF x Near_LoA	-9,32004278	-0,079	0,312
CHR4	23883688	CHR4:23883688	SSF x Near_LoA	-6,38243975	-0,158	0,297
CHR4	23883726	CHR4:23883726	SSF x Near_LoA	2,60947923	0,098	0,298
CHR4	23883749	CHR4:23883749	SSF x Near_LoA	-8,67112387	0,076	0,305
CHR4	23883795	CHR4:23883795	SSF x Near_LoA	-10,9878347	-0,057	0,317
CHR4	23883880	CHR4:23883880	SSF x Near_LoA	-11,3369529	0,033	0,300
CHR4	23885088	CHR4:23885088	SSF x Near_LoA	-8,86846648	-0,038	0,309
CHR4	23910211	CHR4:23910211	SSF x Near_LoA	-10,5516396	0,010	0,317
CHR4	23910259	CHR4:23910259	SSF x Near_LoA	-12,1705265	-0,011	0,309
CHR4	23910265	CHR4:23910265	SSF x Near_LoA	-6,74063225	-0,062	0,317
CHR4	23910270	CHR4:23910270	SSF x Near_LoA	-12,0071874	0,021	0,310
CHR4	23910288	CHR4:23910288	SSF x Near_LoA	-11,0733676	-0,026	0,300
CHR4	23914636	CHR4:23914636	SSF x Near_LoA	-7,70528013	-0,104	0,311
CHR4	23914659	CHR4:23914659	SSF x Near_LoA	-9,74356992	-0,059	0,293
CHR4	23914674	CHR4:23914674	SSF x Near_LoA	-6,47551992	0,121	0,321
CHR4	23914767	CHR4:23914767	SSF x Near_LoA	-5,14017356	-0,111	0,316
CHR4	23914816	CHR4:23914816	SSF x Near_LoA	-7,38132361	-0,075	0,306

CHR4	23914840	CHR4:23914840	SSF x Near_LoA	-9,35336479	-0,093	0,296
CHR4	23914849	CHR4:23914849	SSF x Near_LoA	-9,45296495	-0,037	0,306
CHR4	2393075	CHR4:2393075	SSF x Near_LoA	-8,98720255	-0,067	0,307
CHR4	2393117	CHR4:2393117	SSF x Near_LoA	-8,32209859	-0,080	0,315
CHR4	23931317	CHR4:23931317	SSF x Near_LoA	-10,627997	-0,104	0,289
CHR4	23931326	CHR4:23931326	SSF x Near_LoA	-9,62329751	-0,098	0,298
CHR4	2393176	CHR4:2393176	SSF x Near_LoA	-9,55525617	-0,025	0,314
CHR4	23934006	CHR4:23934006	SSF x Near_LoA	-7,05024121	0,036	0,307
CHR4	23934013	CHR4:23934013	SSF x Near_LoA	-9,1642513	0,145	0,301
CHR4	23934077	CHR4:23934077	SSF x Near_LoA	-9,38641129	0,126	0,315
CHR4	23934161	CHR4:23934161	SSF x Near_LoA	-6,8372411	0,086	0,281
CHR4	23934196	CHR4:23934196	SSF x Near_LoA	-9,23086685	0,004	0,289
CHR4	23934247	CHR4:23934247	SSF x Near_LoA	-7,82138409	-0,022	0,292
CHR4	23934255	CHR4:23934255	SSF x Near_LoA	-8,68065565	-0,006	0,298
CHR4	23940781	CHR4:23940781	SSF x Near_LoA	-8,61328067	0,042	0,318
CHR4	23940884	CHR4:23940884	SSF x Near_LoA	-8,49047999	-0,045	0,312
CHR4	23941003	CHR4:23941003	SSF x Near_LoA	-4,92607081	0,178	0,290
CHR4	23945628	CHR4:23945628	SSF x Near_LoA	-10,9306573	0,054	0,304
CHR4	23945683	CHR4:23945683	SSF x Near_LoA	-9,37165457	-0,094	0,303
CHR4	23945784	CHR4:23945784	SSF x Near_LoA	-7,50774317	-0,129	0,284
CHR4	23947117	CHR4:23947117	SSF x Near_LoA	-2,55225929	-0,094	0,307
CHR4	23947140	CHR4:23947140	SSF x Near_LoA	-10,4915954	0,091	0,305
CHR4	23948672	CHR4:23948672	SSF x Near_LoA	-8,76344577	-0,087	0,305
CHR4	23948674	CHR4:23948674	SSF x Near_LoA	-8,9344428	-0,117	0,308
CHR4	23948720	CHR4:23948720	SSF x Near_LoA	-9,50428099	-0,047	0,311
CHR4	23959247	CHR4:23959247	SSF x Near_LoA	-5,44651639	-0,048	0,319
CHR4	23959252	CHR4:23959252	SSF x Near_LoA	-8,67414259	0,011	0,315
CHR4	23959298	CHR4:23959298	SSF x Near_LoA	-6,21199763	0,151	0,295
CHR4	23965245	CHR4:23965245	SSF x Near_LoA	-8,04823649	0,110	0,310
CHR4	23965347	CHR4:23965347	SSF x Near_LoA	-8,48892007	-0,041	0,309
CHR4	23974992	CHR4:23974992	SSF x Near_LoA	-9,77389823	-0,056	0,315
CHR4	23974995	CHR4:23974995	SSF x Near_LoA	-10,4983534	-0,022	0,322
CHR4	23975060	CHR4:23975060	SSF x Near_LoA	-11,4329084	0,078	0,306
CHR4	23975106	CHR4:23975106	SSF x Near_LoA	-11,7617401	0,023	0,312
CHR4	23975115	CHR4:23975115	SSF x Near_LoA	-11,2777951	0,057	0,305
CHR4	23975138	CHR4:23975138	SSF x Near_LoA	-9,41933009	-0,056	0,304
CHR4	23975196	CHR4:23975196	SSF x Near_LoA	-9,71933007	0,098	0,317
CHR4	23975201	CHR4:23975201	SSF x Near_LoA	-8,30355144	-0,088	0,314
CHR4	23989302	CHR4:23989302	SSF x Near_LoA	-8,083316	-0,110	0,317
CHR4	23989321	CHR4:23989321	SSF x Near_LoA	-11,0241996	0,065	0,312
CHR4	23989376	CHR4:23989376	SSF x Near_LoA	-9,9265715	-0,033	0,298
CHR4	23989384	CHR4:23989384	SSF x Near_LoA	-7,42450141	-0,020	0,310
CHR4	23989405	CHR4:23989405	SSF x Near_LoA	-10,3018937	-0,114	0,313
CHR4	23989408	CHR4:23989408	SSF x Near_LoA	-8,70420193	0,006	0,310
CHR4	23990850	CHR4:23990850	SSF x Near_LoA	-4,03655563	-0,065	0,302
CHR4	23990913	CHR4:23990913	SSF x Near_LoA	-7,95018551	0,074	0,303
CHR4	23990916	CHR4:23990916	SSF x Near_LoA	-9,2526419	0,059	0,307
CHR4	23990932	CHR4:23990932	SSF x Near_LoA	-2,46749366	-0,021	0,308
CHR4	23990937	CHR4:23990937	SSF x Near_LoA	-8,15236393	-0,028	0,301
CHR4	23992519	CHR4:23992519	SSF x Near_LoA	-6,43955995	0,067	0,309
CHR4	23992532	CHR4:23992532	SSF x Near_LoA	-8,69698467	0,018	0,313
CHR4	24007204	CHR4:24007204	SSF x Near_LoA	-9,03908185	-0,032	0,305
CHR4	24007208	CHR4:24007208	SSF x Near_LoA	-7,73722426	-0,069	0,309

CHR4	24007231	CHR4:24007231	SSF x Near_LoA	-5,00941249	0,046	0,309
CHR4	24009820	CHR4:24009820	SSF x Near_LoA	-10,1182831	0,027	0,311
CHR4	24009913	CHR4:24009913	SSF x Near_LoA	-7,58752098	-0,196	0,301
CHR4	24011565	CHR4:24011565	SSF x Near_LoA	-8,91600343	0,074	0,309
CHR4	24013461	CHR4:24013461	SSF x Near_LoA	-6,81798537	-0,114	0,312
CHR4	24013474	CHR4:24013474	SSF x Near_LoA	-9,21873033	0,049	0,311
CHR4	24013503	CHR4:24013503	SSF x Near_LoA	-6,57732376	-0,096	0,305
CHR4	24013592	CHR4:24013592	SSF x Near_LoA	-5,58309416	-0,137	0,305
CHR4	24015254	CHR4:24015254	SSF x Near_LoA	-10,6895972	0,066	0,296
CHR4	24015359	CHR4:24015359	SSF x Near_LoA	-8,94460032	0,027	0,318
CHR4	24015374	CHR4:24015374	SSF x Near_LoA	-9,57323914	0,005	0,300
CHR4	24019430	CHR4:24019430	SSF x Near_LoA	-9,58716554	0,114	0,306
CHR4	24019504	CHR4:24019504	SSF x Near_LoA	-9,24628086	-0,008	0,306
CHR4	24019566	CHR4:24019566	SSF x Near_LoA	-7,60129442	0,109	0,307
CHR4	24019680	CHR4:24019680	SSF x Near_LoA	-4,62788945	-0,078	0,323
CHR4	24053136	CHR4:24053136	SSF x Near_LoA	-10,1471391	0,025	0,307
CHR4	24057063	CHR4:24057063	SSF x Near_LoA	-10,8606919	0,060	0,307
CHR4	24066766	CHR4:24066766	SSF x Near_LoA	-9,18479068	-0,071	0,295
CHR4	24066825	CHR4:24066825	SSF x Near_LoA	-10,236336	0,109	0,302
CHR4	24066880	CHR4:24066880	SSF x Near_LoA	-9,69299338	-0,068	0,316
CHR4	24067019	CHR4:24067019	SSF x Near_LoA	-9,34162914	-0,028	0,293
CHR4	24072791	CHR4:24072791	SSF x Near_LoA	-8,77098563	-0,010	0,326
CHR4	24072866	CHR4:24072866	SSF x Near_LoA	-8,76962232	0,028	0,321
CHR4	24072872	CHR4:24072872	SSF x Near_LoA	-9,68819947	0,080	0,292
CHR4	24072883	CHR4:24072883	SSF x Near_LoA	-8,93652903	-0,081	0,307
CHR4	2408508	CHR4:2408508	SSF x Near_LoA	-8,2004481	0,081	0,319
CHR4	24090495	CHR4:24090495	SSF x Near_LoA	-11,7476943	-0,020	0,307
CHR4	24090619	CHR4:24090619	SSF x Near_LoA	-9,97408325	0,075	0,297
CHR4	24094851	CHR4:24094851	SSF x Near_LoA	-9,69199733	-0,092	0,312
CHR4	24104394	CHR4:24104394	SSF x Near_LoA	-8,51446311	-0,121	0,301
CHR4	24104442	CHR4:24104442	SSF x Near_LoA	-11,1329157	-0,011	0,319
CHR4	24104488	CHR4:24104488	SSF x Near_LoA	-9,78614943	0,100	0,314
CHR4	24120926	CHR4:24120926	SSF x Near_LoA	-9,62184845	-0,123	0,301
CHR4	24120953	CHR4:24120953	SSF x Near_LoA	-8,94226355	-0,104	0,301
CHR4	24153230	CHR4:24153230	SSF x Near_LoA	-10,2005466	0,001	0,308
CHR4	24159764	CHR4:24159764	SSF x Near_LoA	-10,30572	-0,093	0,307
CHR4	24169020	CHR4:24169020	SSF x Near_LoA	-8,78363125	0,067	0,305
CHR4	24178454	CHR4:24178454	SSF x Near_LoA	-10,7876134	-0,060	0,313
CHR4	24178563	CHR4:24178563	SSF x Near_LoA	-10,7627008	0,088	0,304
CHR4	24178576	CHR4:24178576	SSF x Near_LoA	-7,15329598	0,085	0,298
CHR4	2418563	CHR4:2418563	SSF x Near_LoA	-10,7733378	0,098	0,300
CHR4	2418583	CHR4:2418583	SSF x Near_LoA	-10,5577258	0,014	0,295
CHR4	24188135	CHR4:24188135	SSF x Near_LoA	-7,96490273	0,042	0,310
CHR4	2419325	CHR4:2419325	SSF x Near_LoA	-7,72994679	-0,117	0,304
CHR4	2419330	CHR4:2419330	SSF x Near_LoA	-7,53373138	-0,012	0,318
CHR4	2419371	CHR4:2419371	SSF x Near_LoA	-7,58279355	-0,130	0,312
CHR4	2419408	CHR4:2419408	SSF x Near_LoA	-7,32069249	-0,019	0,310
CHR4	2419411	CHR4:2419411	SSF x Near_LoA	-7,6601315	-0,113	0,292
CHR4	24202521	CHR4:24202521	SSF x Near_LoA	-2,95622005	-0,059	0,293
CHR4	24202599	CHR4:24202599	SSF x Near_LoA	-8,71666571	0,083	0,316
CHR4	24203025	CHR4:24203025	SSF x Near_LoA	-8,49282636	0,039	0,309
CHR4	2420942	CHR4:2420942	SSF x Near_LoA	-8,42718792	0,179	0,299
CHR4	2420949	CHR4:2420949	SSF x Near_LoA	-8,83563092	0,182	0,284

CHR4	2420977	CHR4:2420977	SSF x Near_LoA	-10,2934283	0,017	0,300
CHR4	2421127	CHR4:2421127	SSF x Near_LoA	-9,82635757	0,062	0,307
CHR4	2421170	CHR4:2421170	SSF x Near_LoA	-7,77632232	0,062	0,302
CHR4	24215765	CHR4:24215765	SSF x Near_LoA	-6,62500895	0,113	0,293
CHR4	24215862	CHR4:24215862	SSF x Near_LoA	-9,16283541	0,118	0,298
CHR4	24215935	CHR4:24215935	SSF x Near_LoA	-9,2020583	0,085	0,303
CHR4	24215937	CHR4:24215937	SSF x Near_LoA	-7,38465436	0,141	0,296
CHR4	24215953	CHR4:24215953	SSF x Near_LoA	-8,28313107	0,126	0,294
CHR4	24216699	CHR4:24216699	SSF x Near_LoA	-10,0238943	0,015	0,307
CHR4	24216946	CHR4:24216946	SSF x Near_LoA	-9,30615012	0,113	0,300
CHR4	24218922	CHR4:24218922	SSF x Near_LoA	-7,31205039	-0,029	0,303
CHR4	24218976	CHR4:24218976	SSF x Near_LoA	-10,8433556	0,019	0,315
CHR4	24227089	CHR4:24227089	SSF x Near_LoA	-4,19510431	-0,105	0,299
CHR4	24227092	CHR4:24227092	SSF x Near_LoA	-8,29493729	-0,161	0,294
CHR4	24244812	CHR4:24244812	SSF x Near_LoA	-10,768704	-0,025	0,325
CHR4	24245096	CHR4:24245096	SSF x Near_LoA	-9,83885912	-0,055	0,313
CHR4	2424837	CHR4:2424837	SSF x Near_LoA	-4,83850399	-0,146	0,293
CHR4	2424891	CHR4:2424891	SSF x Near_LoA	-7,93734669	-0,067	0,297
CHR4	2424959	CHR4:2424959	SSF x Near_LoA	-7,88129286	0,155	0,294
CHR4	2424963	CHR4:2424963	SSF x Near_LoA	-10,0564404	0,026	0,304
CHR4	2424973	CHR4:2424973	SSF x Near_LoA	-11,2806628	0,103	0,289
CHR4	2424983	CHR4:2424983	SSF x Near_LoA	-11,3386918	-0,062	0,314
CHR4	2424999	CHR4:2424999	SSF x Near_LoA	-9,00660605	-0,009	0,312
CHR4	24272901	CHR4:24272901	SSF x Near_LoA	-8,57831683	-0,082	0,309
CHR4	24273049	CHR4:24273049	SSF x Near_LoA	-10,2944898	-0,023	0,327
CHR4	24282222	CHR4:24282222	SSF x Near_LoA	-10,868427	-0,101	0,308
CHR4	24282468	CHR4:24282468	SSF x Near_LoA	-9,9848913	-0,119	0,302
CHR4	24283689	CHR4:24283689	SSF x Near_LoA	-8,62204768	-0,105	0,312
CHR4	24288222	CHR4:24288222	SSF x Near_LoA	-9,24990925	-0,148	0,306
CHR4	24288232	CHR4:24288232	SSF x Near_LoA	-7,98103524	-0,098	0,313
CHR4	24288278	CHR4:24288278	SSF x Near_LoA	-9,29266042	0,014	0,299
CHR4	24288299	CHR4:24288299	SSF x Near_LoA	-9,30266273	0,010	0,295
CHR4	24288378	CHR4:24288378	SSF x Near_LoA	-10,4217197	-0,057	0,310
CHR4	24293527	CHR4:24293527	SSF x Near_LoA	-3,05548751	-0,171	0,296
CHR4	24293601	CHR4:24293601	SSF x Near_LoA	-7,36699627	-0,131	0,299
CHR4	24302640	CHR4:24302640	SSF x Near_LoA	-9,08958195	0,147	0,311
CHR4	24302644	CHR4:24302644	SSF x Near_LoA	-11,0529056	0,006	0,318
CHR4	24307876	CHR4:24307876	SSF x Near_LoA	-8,36635522	0,051	0,303
CHR4	24316967	CHR4:24316967	SSF x Near_LoA	-8,16495646	-0,036	0,320
CHR4	24318539	CHR4:24318539	SSF x Near_LoA	-8,5230752	-0,054	0,310
CHR4	24318607	CHR4:24318607	SSF x Near_LoA	6,4374963	-0,111	0,313
CHR4	24333426	CHR4:24333426	SSF x Near_LoA	-10,7788377	0,075	0,298
CHR4	24333439	CHR4:24333439	SSF x Near_LoA	-3,2118737	0,102	0,299
CHR4	24333531	CHR4:24333531	SSF x Near_LoA	-7,01488126	0,107	0,296
CHR4	24337138	CHR4:24337138	SSF x Near_LoA	-8,19227278	0,058	0,304
CHR4	2436092	CHR4:2436092	SSF x Near_LoA	-8,93839984	-0,106	0,319
CHR4	2436093	CHR4:2436093	SSF x Near_LoA	-7,9951361	-0,137	0,317
CHR4	2436100	CHR4:2436100	SSF x Near_LoA	-8,94607078	-0,123	0,304
CHR4	2436114	CHR4:2436114	SSF x Near_LoA	-10,3720062	-0,034	0,294
CHR4	2436143	CHR4:2436143	SSF x Near_LoA	-9,67198274	0,006	0,325
CHR4	2436189	CHR4:2436189	SSF x Near_LoA	-11,3355696	0,042	0,310
CHR4	24370641	CHR4:24370641	SSF x Near_LoA	-8,83535429	0,035	0,318
CHR4	24370643	CHR4:24370643	SSF x Near_LoA	-9,71597821	0,057	0,295

CHR4	24373859	CHR4:24373859	SSF x Near_LoA	-9,66559742	-0,075	0,310
CHR4	2440670	CHR4:2440670	SSF x Near_LoA	-6,74194009	0,128	0,288
CHR4	24422814	CHR4:24422814	SSF x Near_LoA	-9,63648184	0,063	0,327
CHR4	24444995	CHR4:24444995	SSF x Near_LoA	-11,9966924	0,000	0,300
CHR4	24445198	CHR4:24445198	SSF x Near_LoA	-5,59681661	-0,054	0,331
CHR4	24445204	CHR4:24445204	SSF x Near_LoA	-10,6074955	-0,063	0,306
CHR4	24449174	CHR4:24449174	SSF x Near_LoA	-7,24017076	0,042	0,311
CHR4	24450946	CHR4:24450946	SSF x Near_LoA	-9,31430024	0,012	0,302
CHR4	24450953	CHR4:24450953	SSF x Near_LoA	-9,19940243	-0,040	0,302
CHR4	24465618	CHR4:24465618	SSF x Near_LoA	-11,5449054	-0,049	0,318
CHR4	24465712	CHR4:24465712	SSF x Near_LoA	-10,0420357	-0,073	0,313
CHR4	24465722	CHR4:24465722	SSF x Near_LoA	-9,98182596	-0,003	0,326
CHR4	24478331	CHR4:24478331	SSF x Near_LoA	-7,56766133	-0,074	0,312
CHR4	24478418	CHR4:24478418	SSF x Near_LoA	-6,23064588	-0,097	0,315
CHR4	24478556	CHR4:24478556	SSF x Near_LoA	-2,93344507	0,056	0,306
CHR4	24480813	CHR4:24480813	SSF x Near_LoA	-10,6621858	0,017	0,309
CHR4	24487512	CHR4:24487512	SSF x Near_LoA	-9,6114126	-0,058	0,312
CHR4	24506259	CHR4:24506259	SSF x Near_LoA	-8,25120972	-0,062	0,317
CHR4	24506279	CHR4:24506279	SSF x Near_LoA	-6,57376267	-0,005	0,304
CHR4	24527490	CHR4:24527490	SSF x Near_LoA	-8,2597614	0,004	0,304
CHR4	24527545	CHR4:24527545	SSF x Near_LoA	-9,61486255	-0,067	0,305
CHR4	24530827	CHR4:24530827	SSF x Near_LoA	-3,57605242	0,090	0,307
CHR4	24530830	CHR4:24530830	SSF x Near_LoA	-9,33116344	0,132	0,302
CHR4	24530889	CHR4:24530889	SSF x Near_LoA	-10,9990958	-0,063	0,301
CHR4	24530902	CHR4:24530902	SSF x Near_LoA	-7,91007214	0,103	0,310
CHR4	24533510	CHR4:24533510	SSF x Near_LoA	-8,08632884	-0,003	0,306
CHR4	24533608	CHR4:24533608	SSF x Near_LoA	-3,73681332	0,017	0,319
CHR4	24541096	CHR4:24541096	SSF x Near_LoA	-4,33592837	-0,149	0,297
CHR4	24541189	CHR4:24541189	SSF x Near_LoA	-7,46671788	-0,114	0,292
CHR4	24548161	CHR4:24548161	SSF x Near_LoA	-8,27472817	-0,094	0,298
CHR4	24557448	CHR4:24557448	SSF x Near_LoA	-9,76811646	-0,016	0,312
CHR4	24557463	CHR4:24557463	SSF x Near_LoA	-8,70279897	0,103	0,305
CHR4	24557471	CHR4:24557471	SSF x Near_LoA	-10,3345217	0,101	0,301
CHR4	24557486	CHR4:24557486	SSF x Near_LoA	-8,4535456	0,077	0,309
CHR4	24557487	CHR4:24557487	SSF x Near_LoA	-10,4936026	-0,025	0,307
CHR4	24563693	CHR4:24563693	SSF x Near_LoA	-9,86040329	0,162	0,285
CHR4	24563843	CHR4:24563843	SSF x Near_LoA	-10,0347023	-0,056	0,299
CHR4	24563848	CHR4:24563848	SSF x Near_LoA	-0,52478841	0,151	0,293
CHR4	2456755	CHR4:2456755	SSF x Near_LoA	-6,41153283	0,089	0,303
CHR4	2456822	CHR4:2456822	SSF x Near_LoA	-10,1677738	0,017	0,305
CHR4	2456919	CHR4:2456919	SSF x Near_LoA	-10,0985894	-0,007	0,318
CHR4	2457036	CHR4:2457036	SSF x Near_LoA	-7,24779788	-0,004	0,303
CHR4	2457060	CHR4:2457060	SSF x Near_LoA	-7,85192437	-0,156	0,300
CHR4	2457072	CHR4:2457072	SSF x Near_LoA	-8,21134633	-0,088	0,305
CHR4	24583924	CHR4:24583924	SSF x Near_LoA	-7,38317342	-0,022	0,321
CHR4	24583959	CHR4:24583959	SSF x Near_LoA	-9,35547222	-0,096	0,318
CHR4	24583968	CHR4:24583968	SSF x Near_LoA	-8,07343697	-0,012	0,315
CHR4	24583987	CHR4:24583987	SSF x Near_LoA	-8,68962519	0,095	0,326
CHR4	24583991	CHR4:24583991	SSF x Near_LoA	-10,9064764	-0,051	0,308
CHR4	24596257	CHR4:24596257	SSF x Near_LoA	-8,92428353	-0,015	0,311
CHR4	24596324	CHR4:24596324	SSF x Near_LoA	-10,6581987	-0,030	0,321
CHR4	24600475	CHR4:24600475	SSF x Near_LoA	-5,63909409	0,074	0,300
CHR4	24600482	CHR4:24600482	SSF x Near_LoA	-6,91061669	-0,167	0,318

CHR4	24600546	CHR4:24600546	SSF x Near_LoA	-8,59087956	-0,010	0,315
CHR4	24600581	CHR4:24600581	SSF x Near_LoA	-10,6525781	-0,006	0,325
CHR4	24607642	CHR4:24607642	SSF x Near_LoA	-7,67994143	-0,097	0,313
CHR4	24607741	CHR4:24607741	SSF x Near_LoA	-9,58920117	-0,010	0,305
CHR4	24607796	CHR4:24607796	SSF x Near_LoA	-9,78732438	0,016	0,299
CHR4	24612156	CHR4:24612156	SSF x Near_LoA	-11,264555	-0,059	0,295
CHR4	2461723	CHR4:2461723	SSF x Near_LoA	-11,2245243	0,052	0,308
CHR4	24620054	CHR4:24620054	SSF x Near_LoA	-10,4608608	-0,033	0,307
CHR4	24620144	CHR4:24620144	SSF x Near_LoA	-9,88896998	0,044	0,310
CHR4	2462999	CHR4:2462999	SSF x Near_LoA	-7,98022397	0,020	0,316
CHR4	2463014	CHR4:2463014	SSF x Near_LoA	-9,43798886	-0,011	0,318
CHR4	2463049	CHR4:2463049	SSF x Near_LoA	-10,5237549	0,012	0,304
CHR4	2463055	CHR4:2463055	SSF x Near_LoA	-9,38667295	0,082	0,302
CHR4	2463072	CHR4:2463072	SSF x Near_LoA	-10,5278698	0,045	0,305
CHR4	24632137	CHR4:24632137	SSF x Near_LoA	-9,0663426	-0,165	0,300
CHR4	24655158	CHR4:24655158	SSF x Near_LoA	-8,30601848	-0,087	0,318
CHR4	24655251	CHR4:24655251	SSF x Near_LoA	-8,48219832	-0,029	0,323
CHR4	24668616	CHR4:24668616	SSF x Near_LoA	-0,52306074	-0,035	0,308
CHR4	24668626	CHR4:24668626	SSF x Near_LoA	-8,87401652	-0,040	0,308
CHR4	24668639	CHR4:24668639	SSF x Near_LoA	-6,71687784	-0,010	0,321
CHR4	24668675	CHR4:24668675	SSF x Near_LoA	-9,63957791	-0,078	0,295
CHR4	24668901	CHR4:24668901	SSF x Near_LoA	-10,5616319	0,073	0,305
CHR4	24677992	CHR4:24677992	SSF x Near_LoA	-7,97062785	-0,161	0,278
CHR4	24678422	CHR4:24678422	SSF x Near_LoA	-8,58676223	0,080	0,312
CHR4	24696797	CHR4:24696797	SSF x Near_LoA	-11,1747858	0,020	0,314
CHR4	24696933	CHR4:24696933	SSF x Near_LoA	-9,70107225	0,042	0,312
CHR4	24721608	CHR4:24721608	SSF x Near_LoA	-8,79183792	-0,101	0,300
CHR4	24721609	CHR4:24721609	SSF x Near_LoA	-6,80671832	-0,108	0,321
CHR4	24750200	CHR4:24750200	SSF x Near_LoA	-10,0321082	0,053	0,312
CHR4	24750214	CHR4:24750214	SSF x Near_LoA	-8,94352411	0,051	0,301
CHR4	2475503	CHR4:2475503	SSF x Near_LoA	-8,41890698	0,044	0,312
CHR4	2475547	CHR4:2475547	SSF x Near_LoA	-8,58379991	0,061	0,301
CHR4	2475567	CHR4:2475567	SSF x Near_LoA	-12,4387693	0,005	0,298
CHR4	2475596	CHR4:2475596	SSF x Near_LoA	-3,18289971	0,088	0,312
CHR4	24755978	CHR4:24755978	SSF x Near_LoA	-7,5968794	-0,065	0,303
CHR4	24756167	CHR4:24756167	SSF x Near_LoA	-7,12030356	-0,002	0,322
CHR4	24756183	CHR4:24756183	SSF x Near_LoA	-11,3169779	-0,018	0,312
CHR4	24756198	CHR4:24756198	SSF x Near_LoA	-11,6754972	-0,030	0,320
CHR4	24756217	CHR4:24756217	SSF x Near_LoA	-9,41080332	-0,048	0,316
CHR4	24756220	CHR4:24756220	SSF x Near_LoA	-11,491324	-0,004	0,307
CHR4	24756263	CHR4:24756263	SSF x Near_LoA	-10,114816	0,026	0,312
CHR4	24756275	CHR4:24756275	SSF x Near_LoA	-11,2561495	0,060	0,314
CHR4	24757154	CHR4:24757154	SSF x Near_LoA	-9,17747141	0,028	0,304
CHR4	24765272	CHR4:24765272	SSF x Near_LoA	-10,1073518	-0,025	0,302
CHR4	24765289	CHR4:24765289	SSF x Near_LoA	-10,6391692	0,078	0,309
CHR4	24765507	CHR4:24765507	SSF x Near_LoA	-11,9162515	0,057	0,315
CHR4	24765576	CHR4:24765576	SSF x Near_LoA	-9,19939192	-0,028	0,324
CHR4	24770704	CHR4:24770704	SSF x Near_LoA	-10,9101118	0,035	0,313
CHR4	24770750	CHR4:24770750	SSF x Near_LoA	-9,21290019	0,019	0,303
CHR4	24770759	CHR4:24770759	SSF x Near_LoA	-4,90369877	0,119	0,297
CHR4	24770761	CHR4:24770761	SSF x Near_LoA	-6,72437424	0,103	0,300
CHR4	24775704	CHR4:24775704	SSF x Near_LoA	-10,0834864	0,007	0,311
CHR4	24775831	CHR4:24775831	SSF x Near_LoA	-9,04203451	0,002	0,302

CHR4	24775843	CHR4:24775843	SSF x Near_LoA	-9,81115081	-0,001	0,315
CHR4	24775909	CHR4:24775909	SSF x Near_LoA	-9,28154782	-0,096	0,312
CHR4	24781806	CHR4:24781806	SSF x Near_LoA	-10,9446506	0,016	0,318
CHR4	24797574	CHR4:24797574	SSF x Near_LoA	-7,70768386	-0,114	0,300
CHR4	24797630	CHR4:24797630	SSF x Near_LoA	-8,60705528	-0,063	0,311
CHR4	24797692	CHR4:24797692	SSF x Near_LoA	-9,02599299	-0,047	0,319
CHR4	24835116	CHR4:24835116	SSF x Near_LoA	-5,0405245	0,134	0,307
CHR4	24860136	CHR4:24860136	SSF x Near_LoA	-4,65644965	0,048	0,309
CHR4	24860363	CHR4:24860363	SSF x Near_LoA	-8,57536332	0,026	0,297
CHR4	24865556	CHR4:24865556	SSF x Near_LoA	-7,25306099	-0,058	0,292
CHR4	248657	CHR4:248657	SSF x Near_LoA	-8,9703765	0,031	0,311
CHR4	24874887	CHR4:24874887	SSF x Near_LoA	-9,07225261	-0,003	0,306
CHR4	24902080	CHR4:24902080	SSF x Near_LoA	-10,2956892	0,006	0,312
CHR4	2492841	CHR4:2492841	SSF x Near_LoA	-5,92115242	0,065	0,301
CHR4	2492939	CHR4:2492939	SSF x Near_LoA	-3,82172262	0,191	0,299
CHR4	2493009	CHR4:2493009	SSF x Near_LoA	-5,33507723	-0,076	0,320
CHR4	24943859	CHR4:24943859	SSF x Near_LoA	-8,94031513	0,039	0,312
CHR4	24944583	CHR4:24944583	SSF x Near_LoA	-8,85076172	0,029	0,322
CHR4	24952908	CHR4:24952908	SSF x Near_LoA	-8,26763741	0,023	0,301
CHR4	24953034	CHR4:24953034	SSF x Near_LoA	-8,13127775	0,060	0,311
CHR4	24995342	CHR4:24995342	SSF x Near_LoA	-5,36807361	-0,099	0,303
CHR4	24995355	CHR4:24995355	SSF x Near_LoA	-10,2575107	-0,052	0,302
CHR4	24995356	CHR4:24995356	SSF x Near_LoA	-8,66056623	-0,045	0,307
CHR4	2499739	CHR4:2499739	SSF x Near_LoA	-9,38825916	0,080	0,301
CHR4	2502403	CHR4:2502403	SSF x Near_LoA	-9,10774069	0,053	0,309
CHR4	2502434	CHR4:2502434	SSF x Near_LoA	-7,08928843	0,110	0,315
CHR4	25056281	CHR4:25056281	SSF x Near_LoA	-9,74967227	-0,087	0,302
CHR4	25056319	CHR4:25056319	SSF x Near_LoA	-7,31582976	-0,098	0,308
CHR4	25056527	CHR4:25056527	SSF x Near_LoA	-11,1535416	0,065	0,296
CHR4	2505951	CHR4:2505951	SSF x Near_LoA	-10,8399614	-0,037	0,306
CHR4	2505957	CHR4:2505957	SSF x Near_LoA	-8,28781677	-0,075	0,311
CHR4	2506052	CHR4:2506052	SSF x Near_LoA	-8,95230433	0,042	0,293
CHR4	25061032	CHR4:25061032	SSF x Near_LoA	-9,92787186	-0,083	0,314
CHR4	25061264	CHR4:25061264	SSF x Near_LoA	-7,74510034	-0,038	0,310
CHR4	25061277	CHR4:25061277	SSF x Near_LoA	-10,381503	-0,025	0,308
CHR4	25061285	CHR4:25061285	SSF x Near_LoA	-7,92230366	0,039	0,319
CHR4	2506239	CHR4:2506239	SSF x Near_LoA	-9,86881513	-0,115	0,312
CHR4	2506273	CHR4:2506273	SSF x Near_LoA	-9,02797937	0,079	0,295
CHR4	25098288	CHR4:25098288	SSF x Near_LoA	-8,30984463	-0,080	0,295
CHR4	25098300	CHR4:25098300	SSF x Near_LoA	-9,03077063	-0,120	0,290
CHR4	25098460	CHR4:25098460	SSF x Near_LoA	-11,2367685	-0,002	0,309
CHR4	25098534	CHR4:25098534	SSF x Near_LoA	-7,16891928	0,013	0,318
CHR4	25110548	CHR4:25110548	SSF x Near_LoA	-10,3261837	0,041	0,302
CHR4	25115208	CHR4:25115208	SSF x Near_LoA	-8,99103058	-0,049	0,315
CHR4	25121562	CHR4:25121562	SSF x Near_LoA	-10,9862986	0,059	0,310
CHR4	25121597	CHR4:25121597	SSF x Near_LoA	-9,07956628	-0,004	0,307
CHR4	25122781	CHR4:25122781	SSF x Near_LoA	-9,8902708	-0,029	0,319
CHR4	25122843	CHR4:25122843	SSF x Near_LoA	-8,80450097	-0,046	0,312
CHR4	25122931	CHR4:25122931	SSF x Near_LoA	-5,89223572	0,136	0,292
CHR4	2512685	CHR4:2512685	SSF x Near_LoA	-11,7565044	0,025	0,306
CHR4	25131332	CHR4:25131332	SSF x Near_LoA	-9,86181613	0,066	0,311
CHR4	25153854	CHR4:25153854	SSF x Near_LoA	-8,02569739	-0,060	0,300
CHR4	25153896	CHR4:25153896	SSF x Near_LoA	-11,1615222	-0,013	0,320

CHR4	25153940	CHR4:25153940	SSF x Near_LoA	-9,26269721	-0,030	0,318
CHR4	25154009	CHR4:25154009	SSF x Near_LoA	-9,55407125	0,088	0,315
CHR4	25156500	CHR4:25156500	SSF x Near_LoA	-6,30147309	0,149	0,300
CHR4	25156572	CHR4:25156572	SSF x Near_LoA	-7,42392727	-0,143	0,304
CHR4	25156616	CHR4:25156616	SSF x Near_LoA	-6,41226041	-0,096	0,296
CHR4	25156618	CHR4:25156618	SSF x Near_LoA	-8,5581372	-0,121	0,307
CHR4	25160089	CHR4:25160089	SSF x Near_LoA	-8,80138199	-0,080	0,302
CHR4	25164815	CHR4:25164815	SSF x Near_LoA	-8,75580087	-0,045	0,307
CHR4	25164828	CHR4:25164828	SSF x Near_LoA	-9,29062435	-0,128	0,307
CHR4	25171770	CHR4:25171770	SSF x Near_LoA	-7,63927436	0,022	0,315
CHR4	25171879	CHR4:25171879	SSF x Near_LoA	-6,8845324	-0,012	0,324
CHR4	25171897	CHR4:25171897	SSF x Near_LoA	-7,74745168	0,008	0,317
CHR4	25171999	CHR4:25171999	SSF x Near_LoA	-11,6379959	-0,001	0,309
CHR4	25186403	CHR4:25186403	SSF x Near_LoA	-10,2891333	0,084	0,311
CHR4	25186404	CHR4:25186404	SSF x Near_LoA	-10,1304915	0,078	0,318
CHR4	25186535	CHR4:25186535	SSF x Near_LoA	-10,2239826	-0,020	0,304
CHR4	25186617	CHR4:25186617	SSF x Near_LoA	-9,67894643	-0,004	0,293
CHR4	25223913	CHR4:25223913	SSF x Near_LoA	-8,73384231	0,044	0,311
CHR4	25223951	CHR4:25223951	SSF x Near_LoA	-6,59623641	-0,121	0,311
CHR4	25223982	CHR4:25223982	SSF x Near_LoA	-9,64368688	-0,054	0,307
CHR4	25224060	CHR4:25224060	SSF x Near_LoA	-11,8239458	0,009	0,303
CHR4	25230335	CHR4:25230335	SSF x Near_LoA	-9,14344182	0,090	0,298
CHR4	25230350	CHR4:25230350	SSF x Near_LoA	-8,80408631	0,031	0,322
CHR4	25230351	CHR4:25230351	SSF x Near_LoA	-8,56162853	0,038	0,311
CHR4	25231610	CHR4:25231610	SSF x Near_LoA	-9,07084596	0,132	0,307
CHR4	25231653	CHR4:25231653	SSF x Near_LoA	-10,6534236	0,101	0,309
CHR4	25232528	CHR4:25232528	SSF x Near_LoA	-9,51581577	-0,050	0,303
CHR4	25256065	CHR4:25256065	SSF x Near_LoA	-6,76765984	-0,118	0,325
CHR4	25260071	CHR4:25260071	SSF x Near_LoA	-8,14608661	0,031	0,308
CHR4	25263598	CHR4:25263598	SSF x Near_LoA	-5,77373066	0,049	0,311
CHR4	25270608	CHR4:25270608	SSF x Near_LoA	-9,84417111	-0,065	0,300
CHR4	25280605	CHR4:25280605	SSF x Near_LoA	-6,97397847	0,033	0,324
CHR4	25280716	CHR4:25280716	SSF x Near_LoA	-10,1649216	-0,011	0,310
CHR4	25280729	CHR4:25280729	SSF x Near_LoA	-9,15215831	0,022	0,311
CHR4	25280749	CHR4:25280749	SSF x Near_LoA	-10,971969	-0,017	0,311
CHR4	25280751	CHR4:25280751	SSF x Near_LoA	-8,45980656	-0,014	0,305
CHR4	25280801	CHR4:25280801	SSF x Near_LoA	-8,89898153	-0,103	0,291
CHR4	25280802	CHR4:25280802	SSF x Near_LoA	-8,69206727	-0,113	0,314
CHR4	25280806	CHR4:25280806	SSF x Near_LoA	-5,65256351	-0,103	0,318
CHR4	25280814	CHR4:25280814	SSF x Near_LoA	-8,42218647	0,093	0,306
CHR4	25280816	CHR4:25280816	SSF x Near_LoA	-9,92409448	-0,009	0,305
CHR4	25287560	CHR4:25287560	SSF x Near_LoA	-7,55152584	-0,138	0,302
CHR4	25287623	CHR4:25287623	SSF x Near_LoA	-11,1108593	0,027	0,305
CHR4	25287664	CHR4:25287664	SSF x Near_LoA	-11,2546506	0,063	0,307
CHR4	25288183	CHR4:25288183	SSF x Near_LoA	-8,47496083	-0,041	0,302
CHR4	25288214	CHR4:25288214	SSF x Near_LoA	-10,7950016	0,023	0,303
CHR4	25288259	CHR4:25288259	SSF x Near_LoA	-10,5563268	0,019	0,309
CHR4	25289394	CHR4:25289394	SSF x Near_LoA	-7,21605662	0,140	0,298
CHR4	2529071	CHR4:2529071	SSF x Near_LoA	-8,53167838	-0,044	0,315
CHR4	2529088	CHR4:2529088	SSF x Near_LoA	-10,5876898	-0,048	0,314
CHR4	25295184	CHR4:25295184	SSF x Near_LoA	-8,63896159	0,107	0,301
CHR4	25301108	CHR4:25301108	SSF x Near_LoA	-5,54849703	0,007	0,302
CHR4	25301114	CHR4:25301114	SSF x Near_LoA	-9,89043942	0,079	0,303

CHR4	25301120	CHR4:25301120	SSF x Near_LoA	-8,92668961	0,006	0,300
CHR4	25301163	CHR4:25301163	SSF x Near_LoA	-8,6822593	0,005	0,312
CHR4	25301174	CHR4:25301174	SSF x Near_LoA	-8,99456629	-0,005	0,311
CHR4	25301196	CHR4:25301196	SSF x Near_LoA	-9,26839814	0,033	0,295
CHR4	25301199	CHR4:25301199	SSF x Near_LoA	-10,717257	-0,079	0,312
CHR4	25313461	CHR4:25313461	SSF x Near_LoA	-10,0951844	-0,067	0,314
CHR4	25313510	CHR4:25313510	SSF x Near_LoA	-11,3824409	0,003	0,289
CHR4	25313555	CHR4:25313555	SSF x Near_LoA	-11,9565022	0,057	0,305
CHR4	25313694	CHR4:25313694	SSF x Near_LoA	-8,31088861	0,118	0,300
CHR4	25315148	CHR4:25315148	SSF x Near_LoA	-8,7864558	-0,007	0,306
CHR4	2531740	CHR4:2531740	SSF x Near_LoA	-11,4580271	-0,053	0,313
CHR4	25320634	CHR4:25320634	SSF x Near_LoA	-10,2609002	-0,054	0,319
CHR4	25320695	CHR4:25320695	SSF x Near_LoA	-9,48440003	-0,013	0,316
CHR4	25324090	CHR4:25324090	SSF x Near_LoA	-12,7717355	-0,022	0,288
CHR4	25324241	CHR4:25324241	SSF x Near_LoA	-10,1056151	-0,003	0,311
CHR4	25335072	CHR4:25335072	SSF x Near_LoA	-12,1969278	0,033	0,301
CHR4	25335103	CHR4:25335103	SSF x Near_LoA	-8,97369285	-0,161	0,310
CHR4	25335106	CHR4:25335106	SSF x Near_LoA	-10,6242897	0,095	0,310
CHR4	25335183	CHR4:25335183	SSF x Near_LoA	-7,85948153	-0,005	0,319
CHR4	25335184	CHR4:25335184	SSF x Near_LoA	-9,11433451	-0,154	0,305
CHR4	25335187	CHR4:25335187	SSF x Near_LoA	-7,19656319	-0,137	0,309
CHR4	25338099	CHR4:25338099	SSF x Near_LoA	-8,43083936	0,020	0,313
CHR4	25339975	CHR4:25339975	SSF x Near_LoA	-9,63683795	-0,041	0,315
CHR4	25340016	CHR4:25340016	SSF x Near_LoA	-11,3373334	-0,057	0,305
CHR4	25340029	CHR4:25340029	SSF x Near_LoA	-9,86871716	-0,103	0,309
CHR4	25340096	CHR4:25340096	SSF x Near_LoA	-9,03453217	0,062	0,298
CHR4	25340124	CHR4:25340124	SSF x Near_LoA	-9,44357185	-0,004	0,305
CHR4	25347549	CHR4:25347549	SSF x Near_LoA	-10,0682553	-0,084	0,295
CHR4	25356721	CHR4:25356721	SSF x Near_LoA	-8,79315559	0,143	0,284
CHR4	25356731	CHR4:25356731	SSF x Near_LoA	-10,4327261	-0,045	0,313
CHR4	25357586	CHR4:25357586	SSF x Near_LoA	-10,7615436	-0,061	0,314
CHR4	25361841	CHR4:25361841	SSF x Near_LoA	-7,02507243	-0,035	0,310
CHR4	25361869	CHR4:25361869	SSF x Near_LoA	-10,3731681	-0,056	0,304
CHR4	25361938	CHR4:25361938	SSF x Near_LoA	-11,4970058	0,051	0,312
CHR4	25361939	CHR4:25361939	SSF x Near_LoA	-7,35407029	-0,032	0,324
CHR4	25362067	CHR4:25362067	SSF x Near_LoA	-9,12308401	0,115	0,298
CHR4	25369356	CHR4:25369356	SSF x Near_LoA	-10,0461519	0,006	0,316
CHR4	25375215	CHR4:25375215	SSF x Near_LoA	-8,84904587	0,027	0,325
CHR4	25375246	CHR4:25375246	SSF x Near_LoA	-8,59316328	0,073	0,308
CHR4	25375321	CHR4:25375321	SSF x Near_LoA	-6,57825359	0,013	0,305
CHR4	25392089	CHR4:25392089	SSF x Near_LoA	-8,80775231	-0,024	0,313
CHR4	25392117	CHR4:25392117	SSF x Near_LoA	-6,81146607	-0,084	0,304
CHR4	25392265	CHR4:25392265	SSF x Near_LoA	-5,7649882	0,125	0,295
CHR4	25392295	CHR4:25392295	SSF x Near_LoA	-9,16573625	-0,031	0,316
CHR4	25397538	CHR4:25397538	SSF x Near_LoA	1,31903112	-0,186	0,290
CHR4	25397623	CHR4:25397623	SSF x Near_LoA	-7,29290221	0,079	0,324
CHR4	25397674	CHR4:25397674	SSF x Near_LoA	-7,58700086	0,072	0,303
CHR4	25399805	CHR4:25399805	SSF x Near_LoA	-10,5758244	-0,058	0,301
CHR4	25399944	CHR4:25399944	SSF x Near_LoA	-8,93088953	0,012	0,299
CHR4	25399981	CHR4:25399981	SSF x Near_LoA	-10,7212057	0,089	0,314
CHR4	25403144	CHR4:25403144	SSF x Near_LoA	-9,9617531	-0,007	0,314
CHR4	25403203	CHR4:25403203	SSF x Near_LoA	-10,6831636	-0,104	0,310
CHR4	25403215	CHR4:25403215	SSF x Near_LoA	-8,69522018	0,005	0,295

CHR4	25403221	CHR4:25403221	SSF x Near_LoA	-9,78251359	-0,009	0,304
CHR4	25404010	CHR4:25404010	SSF x Near_LoA	-10,1272219	0,033	0,318
CHR4	25404075	CHR4:25404075	SSF x Near_LoA	-10,7126705	-0,067	0,292
CHR4	25404083	CHR4:25404083	SSF x Near_LoA	-9,53907553	0,011	0,304
CHR4	25404149	CHR4:25404149	SSF x Near_LoA	-10,7021774	-0,033	0,323
CHR4	2540747	CHR4:2540747	SSF x Near_LoA	-4,48900317	0,163	0,300
CHR4	25418618	CHR4:25418618	SSF x Near_LoA	-8,71818004	-0,056	0,311
CHR4	25418624	CHR4:25418624	SSF x Near_LoA	-10,8221972	0,060	0,300
CHR4	25418627	CHR4:25418627	SSF x Near_LoA	-10,3074063	0,033	0,322
CHR4	25418633	CHR4:25418633	SSF x Near_LoA	-8,56509508	-0,065	0,312
CHR4	25418650	CHR4:25418650	SSF x Near_LoA	-10,6761592	0,049	0,317
CHR4	25418669	CHR4:25418669	SSF x Near_LoA	-8,33542642	-0,067	0,301
CHR4	25418674	CHR4:25418674	SSF x Near_LoA	-11,84758	0,017	0,317
CHR4	25418681	CHR4:25418681	SSF x Near_LoA	-11,232783	0,094	0,294
CHR4	25419344	CHR4:25419344	SSF x Near_LoA	-9,2471957	-0,074	0,310
CHR4	25428037	CHR4:25428037	SSF x Near_LoA	-9,46384261	0,039	0,311
CHR4	25428352	CHR4:25428352	SSF x Near_LoA	-5,16429839	-0,230	0,290
CHR4	25428473	CHR4:25428473	SSF x Near_LoA	-9,92311464	0,073	0,312
CHR4	25428509	CHR4:25428509	SSF x Near_LoA	-9,02294119	0,062	0,295
CHR4	25436363	CHR4:25436363	SSF x Near_LoA	-10,2021343	-0,055	0,311
CHR4	25438127	CHR4:25438127	SSF x Near_LoA	-10,71933	-0,015	0,304
CHR4	25438213	CHR4:25438213	SSF x Near_LoA	-8,559578	0,087	0,313
CHR4	25438230	CHR4:25438230	SSF x Near_LoA	-9,1413185	-0,002	0,307
CHR4	25438278	CHR4:25438278	SSF x Near_LoA	-5,82564967	0,009	0,322
CHR4	25438294	CHR4:25438294	SSF x Near_LoA	-10,7070148	-0,089	0,290
CHR4	25442411	CHR4:25442411	SSF x Near_LoA	-8,95230924	-0,134	0,315
CHR4	25443391	CHR4:25443391	SSF x Near_LoA	-10,6798262	0,066	0,302
CHR4	25443401	CHR4:25443401	SSF x Near_LoA	-6,03768151	-0,211	0,299
CHR4	25450450	CHR4:25450450	SSF x Near_LoA	-9,2684106	-0,030	0,305
CHR4	25450624	CHR4:25450624	SSF x Near_LoA	-10,4836552	-0,030	0,317
CHR4	2545440	CHR4:2545440	SSF x Near_LoA	-10,4537512	-0,037	0,314
CHR4	25460097	CHR4:25460097	SSF x Near_LoA	-6,00270796	-0,101	0,305
CHR4	25460192	CHR4:25460192	SSF x Near_LoA	-7,10380525	0,046	0,302
CHR4	25465796	CHR4:25465796	SSF x Near_LoA	-6,96822559	0,022	0,309
CHR4	25465821	CHR4:25465821	SSF x Near_LoA	-7,69167641	-0,156	0,309
CHR4	25470626	CHR4:25470626	SSF x Near_LoA	-6,37876413	-0,160	0,301
CHR4	25470936	CHR4:25470936	SSF x Near_LoA	-8,41016433	0,087	0,300
CHR4	25470968	CHR4:25470968	SSF x Near_LoA	-8,54536683	-0,132	0,303
CHR4	25470976	CHR4:25470976	SSF x Near_LoA	-6,58663904	-0,059	0,315
CHR4	25470982	CHR4:25470982	SSF x Near_LoA	-9,12396317	0,002	0,307
CHR4	25470994	CHR4:25470994	SSF x Near_LoA	-10,9702042	-0,042	0,325
CHR4	25470999	CHR4:25470999	SSF x Near_LoA	-5,26367228	0,199	0,308
CHR4	25471046	CHR4:25471046	SSF x Near_LoA	-8,2626073	0,093	0,285
CHR4	25477507	CHR4:25477507	SSF x Near_LoA	-9,31556179	-0,089	0,312
CHR4	25477559	CHR4:25477559	SSF x Near_LoA	-10,5938829	-0,033	0,300
CHR4	25477594	CHR4:25477594	SSF x Near_LoA	-10,654537	0,062	0,289
CHR4	25477673	CHR4:25477673	SSF x Near_LoA	-9,53234319	0,091	0,302
CHR4	25502849	CHR4:25502849	SSF x Near_LoA	-9,4577789	-0,075	0,310
CHR4	25502874	CHR4:25502874	SSF x Near_LoA	-8,64815524	-0,078	0,305
CHR4	25502934	CHR4:25502934	SSF x Near_LoA	-10,5745091	-0,080	0,314
CHR4	25502935	CHR4:25502935	SSF x Near_LoA	-9,91714312	0,024	0,305
CHR4	25503218	CHR4:25503218	SSF x Near_LoA	-9,25997102	-0,034	0,307
CHR4	25503242	CHR4:25503242	SSF x Near_LoA	-8,62310553	-0,008	0,309

CHR4	25503250	CHR4:25503250	SSF x Near_LoA	-8,98310129	-0,037	0,301
CHR4	25503270	CHR4:25503270	SSF x Near_LoA	-3,17592962	-0,042	0,315
CHR4	25503299	CHR4:25503299	SSF x Near_LoA	-8,94196066	0,014	0,306
CHR4	25510706	CHR4:25510706	SSF x Near_LoA	-6,03162031	-0,056	0,319
CHR4	25513055	CHR4:25513055	SSF x Near_LoA	-10,356326	-0,048	0,314
CHR4	25517323	CHR4:25517323	SSF x Near_LoA	-8,35966866	-0,104	0,300
CHR4	25517377	CHR4:25517377	SSF x Near_LoA	-9,74840629	0,024	0,307
CHR4	25517396	CHR4:25517396	SSF x Near_LoA	-11,1696984	-0,012	0,307
CHR4	25517412	CHR4:25517412	SSF x Near_LoA	-8,23984304	0,043	0,296
CHR4	25517415	CHR4:25517415	SSF x Near_LoA	-11,8499051	0,005	0,309
CHR4	2552024	CHR4:2552024	SSF x Near_LoA	-8,62223651	-0,058	0,299
CHR4	2552077	CHR4:2552077	SSF x Near_LoA	-9,21555969	0,035	0,306
CHR4	2552082	CHR4:2552082	SSF x Near_LoA	-10,0830837	0,012	0,303
CHR4	25521733	CHR4:25521733	SSF x Near_LoA	-11,9226444	0,000	0,305
CHR4	25521743	CHR4:25521743	SSF x Near_LoA	-9,35530332	0,021	0,299
CHR4	25521753	CHR4:25521753	SSF x Near_LoA	-9,03555148	-0,101	0,302
CHR4	25521768	CHR4:25521768	SSF x Near_LoA	-10,6159095	-0,003	0,311
CHR4	25521770	CHR4:25521770	SSF x Near_LoA	-10,6514777	-0,001	0,315
CHR4	25521774	CHR4:25521774	SSF x Near_LoA	-11,1654944	0,001	0,307
CHR4	25522201	CHR4:25522201	SSF x Near_LoA	-6,96117475	0,107	0,299
CHR4	25522249	CHR4:25522249	SSF x Near_LoA	-7,3114344	-0,118	0,315
CHR4	25522273	CHR4:25522273	SSF x Near_LoA	-7,62298951	0,075	0,304
CHR4	25524542	CHR4:25524542	SSF x Near_LoA	-8,03324356	-0,081	0,318
CHR4	25524602	CHR4:25524602	SSF x Near_LoA	-9,64507083	0,026	0,305
CHR4	25525327	CHR4:25525327	SSF x Near_LoA	-10,8918959	0,047	0,308
CHR4	25525381	CHR4:25525381	SSF x Near_LoA	-9,13550219	-0,005	0,313
CHR4	25531607	CHR4:25531607	SSF x Near_LoA	-9,67744639	-0,019	0,308
CHR4	25531725	CHR4:25531725	SSF x Near_LoA	-9,98915746	0,028	0,314
CHR4	25531872	CHR4:25531872	SSF x Near_LoA	-9,22026541	-0,037	0,301
CHR4	2553778	CHR4:2553778	SSF x Near_LoA	-8,99646333	-0,025	0,298
CHR4	2553803	CHR4:2553803	SSF x Near_LoA	-10,0689197	0,033	0,298
CHR4	25542951	CHR4:25542951	SSF x Near_LoA	-11,0184705	0,047	0,301
CHR4	25542958	CHR4:25542958	SSF x Near_LoA	-11,0230865	-0,067	0,299
CHR4	25542973	CHR4:25542973	SSF x Near_LoA	-9,35469296	-0,058	0,311
CHR4	25543003	CHR4:25543003	SSF x Near_LoA	-11,1167652	0,019	0,296
CHR4	25543026	CHR4:25543026	SSF x Near_LoA	-8,14442932	-0,061	0,310
CHR4	25544153	CHR4:25544153	SSF x Near_LoA	-11,5400122	-0,005	0,309
CHR4	25544226	CHR4:25544226	SSF x Near_LoA	-10,5133201	0,037	0,302
CHR4	25552751	CHR4:25552751	SSF x Near_LoA	-9,83845147	0,112	0,298
CHR4	25552758	CHR4:25552758	SSF x Near_LoA	-7,71480553	0,085	0,308
CHR4	25552764	CHR4:25552764	SSF x Near_LoA	-9,89159325	0,035	0,310
CHR4	25552823	CHR4:25552823	SSF x Near_LoA	-9,32553033	0,053	0,305
CHR4	25552824	CHR4:25552824	SSF x Near_LoA	-10,682012	0,028	0,301
CHR4	25552904	CHR4:25552904	SSF x Near_LoA	-10,0497085	0,133	0,304
CHR4	25552912	CHR4:25552912	SSF x Near_LoA	-8,93850498	0,031	0,308
CHR4	25552984	CHR4:25552984	SSF x Near_LoA	-7,51923311	-0,019	0,312
CHR4	25552987	CHR4:25552987	SSF x Near_LoA	-7,19083277	0,062	0,299
CHR4	25556127	CHR4:25556127	SSF x Near_LoA	-7,22449035	-0,074	0,307
CHR4	25556375	CHR4:25556375	SSF x Near_LoA	-9,03345124	-0,014	0,314
CHR4	25556378	CHR4:25556378	SSF x Near_LoA	-7,76670802	-0,042	0,308
CHR4	25563270	CHR4:25563270	SSF x Near_LoA	-4,39718045	0,188	0,298
CHR4	25569603	CHR4:25569603	SSF x Near_LoA	-10,7238858	0,015	0,299
CHR4	25591119	CHR4:25591119	SSF x Near_LoA	-8,57266415	0,023	0,306

CHR4	25591209	CHR4:25591209	SSF x Near_LoA	-9,52660318	0,041	0,307
CHR4	25591316	CHR4:25591316	SSF x Near_LoA	-9,4933275	-0,018	0,306
CHR4	25593335	CHR4:25593335	SSF x Near_LoA	-5,86578254	-0,001	0,324
CHR4	25593393	CHR4:25593393	SSF x Near_LoA	-8,67730485	-0,081	0,299
CHR4	25593431	CHR4:25593431	SSF x Near_LoA	-9,18810018	-0,035	0,317
CHR4	25612103	CHR4:25612103	SSF x Near_LoA	-6,19128038	0,093	0,320
CHR4	25612124	CHR4:25612124	SSF x Near_LoA	-10,5617336	0,022	0,300
CHR4	25612151	CHR4:25612151	SSF x Near_LoA	-4,75411294	-0,173	0,318
CHR4	25613801	CHR4:25613801	SSF x Near_LoA	-9,75572487	0,082	0,319
CHR4	25613808	CHR4:25613808	SSF x Near_LoA	-8,98316862	-0,120	0,310
CHR4	25613834	CHR4:25613834	SSF x Near_LoA	-11,5646419	0,002	0,321
CHR4	2562404	CHR4:2562404	SSF x Near_LoA	-8,19954039	-0,027	0,298
CHR4	2562439	CHR4:2562439	SSF x Near_LoA	-9,36997007	0,039	0,318
CHR4	2562508	CHR4:2562508	SSF x Near_LoA	-6,72048057	-0,171	0,301
CHR4	25632551	CHR4:25632551	SSF x Near_LoA	-12,1598229	-0,027	0,300
CHR4	25632596	CHR4:25632596	SSF x Near_LoA	-7,41650442	0,124	0,300
CHR4	25632750	CHR4:25632750	SSF x Near_LoA	-9,15266013	-0,075	0,314
CHR4	25632826	CHR4:25632826	SSF x Near_LoA	-8,88139115	-0,069	0,304
CHR4	25635849	CHR4:25635849	SSF x Near_LoA	-10,4673133	-0,079	0,301
CHR4	25635875	CHR4:25635875	SSF x Near_LoA	-10,1271109	-0,053	0,310
CHR4	25637193	CHR4:25637193	SSF x Near_LoA	-8,23317446	-0,092	0,297
CHR4	25637195	CHR4:25637195	SSF x Near_LoA	-9,26652379	0,020	0,314
CHR4	25637214	CHR4:25637214	SSF x Near_LoA	-9,42596569	0,011	0,305
CHR4	25637230	CHR4:25637230	SSF x Near_LoA	-7,98374547	-0,065	0,314
CHR4	25637236	CHR4:25637236	SSF x Near_LoA	-7,70357639	-0,065	0,323
CHR4	25637282	CHR4:25637282	SSF x Near_LoA	-9,32521102	-0,049	0,306
CHR4	25637330	CHR4:25637330	SSF x Near_LoA	-10,1599733	0,036	0,312
CHR4	25637336	CHR4:25637336	SSF x Near_LoA	-9,56543775	0,012	0,310
CHR4	25638584	CHR4:25638584	SSF x Near_LoA	-10,9387564	0,065	0,301
CHR4	25638680	CHR4:25638680	SSF x Near_LoA	-11,164088	0,103	0,296
CHR4	25648357	CHR4:25648357	SSF x Near_LoA	-10,0173441	-0,048	0,305
CHR4	25648369	CHR4:25648369	SSF x Near_LoA	-8,27433139	-0,099	0,310
CHR4	25648388	CHR4:25648388	SSF x Near_LoA	-10,8972597	-0,069	0,302
CHR4	25657227	CHR4:25657227	SSF x Near_LoA	-8,27349659	0,005	0,317
CHR4	25658789	CHR4:25658789	SSF x Near_LoA	-8,07247728	0,017	0,302
CHR4	25658793	CHR4:25658793	SSF x Near_LoA	-9,19953699	0,022	0,314
CHR4	25658870	CHR4:25658870	SSF x Near_LoA	-4,78733143	0,157	0,308
CHR4	2565909	CHR4:2565909	SSF x Near_LoA	-10,7798364	0,055	0,315
CHR4	2565949	CHR4:2565949	SSF x Near_LoA	-5,42725361	-0,063	0,300
CHR4	25668937	CHR4:25668937	SSF x Near_LoA	-9,52447143	0,071	0,302
CHR4	25669018	CHR4:25669018	SSF x Near_LoA	-11,8567137	0,031	0,310
CHR4	25669082	CHR4:25669082	SSF x Near_LoA	-10,51001	0,026	0,304
CHR4	25676791	CHR4:25676791	SSF x Near_LoA	-11,0714438	0,003	0,297
CHR4	25676895	CHR4:25676895	SSF x Near_LoA	-10,4407933	-0,033	0,305
CHR4	25676918	CHR4:25676918	SSF x Near_LoA	-9,1752779	-0,111	0,307
CHR4	25677248	CHR4:25677248	SSF x Near_LoA	-7,7881902	0,115	0,302
CHR4	25677267	CHR4:25677267	SSF x Near_LoA	-9,87247605	0,043	0,308
CHR4	25677285	CHR4:25677285	SSF x Near_LoA	-10,9140132	0,061	0,306
CHR4	25677332	CHR4:25677332	SSF x Near_LoA	-8,56214166	0,123	0,311
CHR4	25679928	CHR4:25679928	SSF x Near_LoA	-10,0117273	0,018	0,313
CHR4	25681136	CHR4:25681136	SSF x Near_LoA	-7,12031699	-0,134	0,294
CHR4	25681165	CHR4:25681165	SSF x Near_LoA	-8,08201396	0,100	0,306
CHR4	25681210	CHR4:25681210	SSF x Near_LoA	-11,3425568	0,108	0,299

CHR4	25700068	CHR4:25700068	SSF x Near_LoA	-9,87868645	0,065	0,313
CHR4	25700069	CHR4:25700069	SSF x Near_LoA	-9,33573008	0,087	0,294
CHR4	25700128	CHR4:25700128	SSF x Near_LoA	-8,53499734	-0,077	0,316
CHR4	25708173	CHR4:25708173	SSF x Near_LoA	-8,69586696	-0,021	0,315
CHR4	25708230	CHR4:25708230	SSF x Near_LoA	-9,43563947	-0,019	0,309
CHR4	25708245	CHR4:25708245	SSF x Near_LoA	-6,39517154	0,079	0,310
CHR4	25708904	CHR4:25708904	SSF x Near_LoA	-8,47693215	0,039	0,316
CHR4	25708948	CHR4:25708948	SSF x Near_LoA	-11,7882184	0,046	0,303
CHR4	25716529	CHR4:25716529	SSF x Near_LoA	-9,60258743	0,061	0,307
CHR4	25724875	CHR4:25724875	SSF x Near_LoA	-9,67356949	0,091	0,315
CHR4	25725128	CHR4:25725128	SSF x Near_LoA	-1,41492445	-0,010	0,315
CHR4	25725141	CHR4:25725141	SSF x Near_LoA	-9,30034782	-0,034	0,318
CHR4	25726847	CHR4:25726847	SSF x Near_LoA	-8,7532294	-0,082	0,311
CHR4	25726973	CHR4:25726973	SSF x Near_LoA	-7,87683392	-0,113	0,304
CHR4	25726990	CHR4:25726990	SSF x Near_LoA	-5,82719265	-0,069	0,303
CHR4	25727048	CHR4:25727048	SSF x Near_LoA	-10,6716259	-0,059	0,304
CHR4	25735650	CHR4:25735650	SSF x Near_LoA	-7,88442056	-0,097	0,314
CHR4	25735757	CHR4:25735757	SSF x Near_LoA	-10,3143101	0,005	0,302
CHR4	25735867	CHR4:25735867	SSF x Near_LoA	-10,7341384	-0,089	0,322
CHR4	25738916	CHR4:25738916	SSF x Near_LoA	-11,0577851	0,043	0,312
CHR4	25738937	CHR4:25738937	SSF x Near_LoA	-9,44704648	-0,046	0,312
CHR4	25738940	CHR4:25738940	SSF x Near_LoA	-6,95861134	-0,027	0,313
CHR4	25738953	CHR4:25738953	SSF x Near_LoA	-10,1637382	-0,090	0,311
CHR4	25738964	CHR4:25738964	SSF x Near_LoA	-9,55451829	-0,069	0,301
CHR4	25738970	CHR4:25738970	SSF x Near_LoA	-9,84928418	-0,065	0,299
CHR4	25743188	CHR4:25743188	SSF x Near_LoA	-7,9751021	0,093	0,312
CHR4	25745812	CHR4:25745812	SSF x Near_LoA	-5,97363341	0,098	0,295
CHR4	25745814	CHR4:25745814	SSF x Near_LoA	-8,06369553	0,088	0,310
CHR4	25745862	CHR4:25745862	SSF x Near_LoA	-9,80083421	-0,064	0,296
CHR4	25746912	CHR4:25746912	SSF x Near_LoA	-10,5383544	-0,086	0,301
CHR4	25747600	CHR4:25747600	SSF x Near_LoA	-10,8041379	-0,101	0,311
CHR4	25747711	CHR4:25747711	SSF x Near_LoA	-10,9725986	-0,045	0,309
CHR4	25747742	CHR4:25747742	SSF x Near_LoA	-10,2375598	-0,042	0,308
CHR4	25754538	CHR4:25754538	SSF x Near_LoA	-7,59564049	0,010	0,304
CHR4	25755083	CHR4:25755083	SSF x Near_LoA	-10,7886055	-0,115	0,313
CHR4	25756299	CHR4:25756299	SSF x Near_LoA	-10,6032384	-0,054	0,322
CHR4	25756303	CHR4:25756303	SSF x Near_LoA	-5,5865063	0,053	0,326
CHR4	25756332	CHR4:25756332	SSF x Near_LoA	-8,26468307	-0,054	0,315
CHR4	25756343	CHR4:25756343	SSF x Near_LoA	-11,1311291	-0,004	0,320
CHR4	25756365	CHR4:25756365	SSF x Near_LoA	-10,8388329	-0,047	0,306
CHR4	25756381	CHR4:25756381	SSF x Near_LoA	-8,05043593	-0,012	0,308
CHR4	25757075	CHR4:25757075	SSF x Near_LoA	-7,39312226	0,194	0,290
CHR4	25757130	CHR4:25757130	SSF x Near_LoA	-7,66712342	-0,146	0,313
CHR4	25759538	CHR4:25759538	SSF x Near_LoA	-9,50808435	-0,054	0,311
CHR4	25759590	CHR4:25759590	SSF x Near_LoA	-11,3770331	-0,052	0,304
CHR4	25759650	CHR4:25759650	SSF x Near_LoA	-9,1512426	-0,042	0,301
CHR4	25762614	CHR4:25762614	SSF x Near_LoA	-10,2976569	0,093	0,317
CHR4	25762641	CHR4:25762641	SSF x Near_LoA	-9,50555381	0,021	0,286
CHR4	25762738	CHR4:25762738	SSF x Near_LoA	-10,3187721	0,091	0,302
CHR4	25762857	CHR4:25762857	SSF x Near_LoA	-11,0433377	-0,029	0,289
CHR4	25762881	CHR4:25762881	SSF x Near_LoA	-7,03677052	-0,119	0,305
CHR4	25762889	CHR4:25762889	SSF x Near_LoA	-8,26199248	-0,123	0,295
CHR4	25774468	CHR4:25774468	SSF x Near_LoA	-9,25004557	0,110	0,298

CHR4	25774660	CHR4:25774660	SSF x Near_LoA	-7,78157776	-0,097	0,290
CHR4	25781280	CHR4:25781280	SSF x Near_LoA	-10,4763437	-0,018	0,322
CHR4	25785253	CHR4:25785253	SSF x Near_LoA	-7,32074937	0,129	0,317
CHR4	25785289	CHR4:25785289	SSF x Near_LoA	-8,50168854	0,136	0,299
CHR4	25788653	CHR4:25788653	SSF x Near_LoA	-8,5356746	-0,145	0,308
CHR4	25788729	CHR4:25788729	SSF x Near_LoA	-6,39190628	0,144	0,306
CHR4	25793489	CHR4:25793489	SSF x Near_LoA	-7,50903317	0,166	0,290
CHR4	25793548	CHR4:25793548	SSF x Near_LoA	-10,1680152	-0,143	0,306
CHR4	25793564	CHR4:25793564	SSF x Near_LoA	-11,6187626	0,003	0,311
CHR4	25793634	CHR4:25793634	SSF x Near_LoA	-6,84823345	-0,046	0,308
CHR4	25797159	CHR4:25797159	SSF x Near_LoA	-6,44971703	-0,090	0,331
CHR4	25797192	CHR4:25797192	SSF x Near_LoA	-10,1732947	-0,071	0,308
CHR4	25797351	CHR4:25797351	SSF x Near_LoA	-10,5388865	0,039	0,309
CHR4	25803422	CHR4:25803422	SSF x Near_LoA	-9,07198043	-0,004	0,317
CHR4	25803463	CHR4:25803463	SSF x Near_LoA	-2,41891151	-0,191	0,280
CHR4	25803536	CHR4:25803536	SSF x Near_LoA	-8,8577623	0,049	0,311
CHR4	25803566	CHR4:25803566	SSF x Near_LoA	-10,1859144	-0,145	0,296
CHR4	2582780	CHR4:2582780	SSF x Near_LoA	-5,82137373	-0,129	0,309
CHR4	2582807	CHR4:2582807	SSF x Near_LoA	-10,5495751	-0,030	0,304
CHR4	2582902	CHR4:2582902	SSF x Near_LoA	-8,27776472	0,053	0,314
CHR4	25833088	CHR4:25833088	SSF x Near_LoA	-10,0360586	0,047	0,292
CHR4	25833160	CHR4:25833160	SSF x Near_LoA	-10,4021931	-0,130	0,289
CHR4	25833186	CHR4:25833186	SSF x Near_LoA	-4,40893214	0,147	0,296
CHR4	25845820	CHR4:25845820	SSF x Near_LoA	3,35256586	0,065	0,314
CHR4	25845839	CHR4:25845839	SSF x Near_LoA	-8,01519266	-0,147	0,296
CHR4	25845958	CHR4:25845958	SSF x Near_LoA	-9,11318827	0,066	0,284
CHR4	25846005	CHR4:25846005	SSF x Near_LoA	-11,0472758	0,009	0,309
CHR4	25846050	CHR4:25846050	SSF x Near_LoA	-10,7088258	-0,019	0,305
CHR4	25855046	CHR4:25855046	SSF x Near_LoA	-9,98730017	-0,029	0,306
CHR4	25855127	CHR4:25855127	SSF x Near_LoA	-11,1955322	-0,016	0,309
CHR4	25860196	CHR4:25860196	SSF x Near_LoA	-9,49140772	0,016	0,298
CHR4	25860234	CHR4:25860234	SSF x Near_LoA	10,6774271	-0,051	0,293
CHR4	25869689	CHR4:25869689	SSF x Near_LoA	-8,69648415	0,015	0,307
CHR4	25869815	CHR4:25869815	SSF x Near_LoA	-7,39270009	-0,047	0,312
CHR4	25878649	CHR4:25878649	SSF x Near_LoA	-9,60531407	0,140	0,305
CHR4	25885896	CHR4:25885896	SSF x Near_LoA	-9,85788329	0,094	0,303
CHR4	25885961	CHR4:25885961	SSF x Near_LoA	-9,75744193	0,049	0,298
CHR4	25886010	CHR4:25886010	SSF x Near_LoA	-8,69577774	0,004	0,310
CHR4	25886016	CHR4:25886016	SSF x Near_LoA	-8,31862936	0,048	0,293
CHR4	25886082	CHR4:25886082	SSF x Near_LoA	-6,71978044	-0,133	0,302
CHR4	25886086	CHR4:25886086	SSF x Near_LoA	-8,74087953	-0,028	0,292
CHR4	25886134	CHR4:25886134	SSF x Near_LoA	-8,24966008	0,061	0,305
CHR4	2588697	CHR4:2588697	SSF x Near_LoA	-9,9723186	0,067	0,290
CHR4	2588714	CHR4:2588714	SSF x Near_LoA	-10,2289449	0,000	0,323
CHR4	25899764	CHR4:25899764	SSF x Near_LoA	-1,74537064	-0,189	0,309
CHR4	25899799	CHR4:25899799	SSF x Near_LoA	-6,59582628	-0,093	0,298
CHR4	25899851	CHR4:25899851	SSF x Near_LoA	-2,92313262	-0,106	0,303
CHR4	25919383	CHR4:25919383	SSF x Near_LoA	-10,6993131	0,076	0,310
CHR4	25932903	CHR4:25932903	SSF x Near_LoA	-10,6866209	0,007	0,316
CHR4	2593441	CHR4:2593441	SSF x Near_LoA	-11,3588239	0,035	0,303
CHR4	2593541	CHR4:2593541	SSF x Near_LoA	-11,2795349	-0,041	0,306
CHR4	25943177	CHR4:25943177	SSF x Near_LoA	-9,36880649	0,004	0,300
CHR4	25953865	CHR4:25953865	SSF x Near_LoA	-9,03538183	-0,130	0,314

CHR4	25959536	CHR4:25959536	SSF x Near_LoA	-5,14399583	0,148	0,294
CHR4	25960087	CHR4:25960087	SSF x Near_LoA	-8,87539459	-0,046	0,322
CHR4	2596369	CHR4:2596369	SSF x Near_LoA	-6,23233452	0,084	0,309
CHR4	25966286	CHR4:25966286	SSF x Near_LoA	-11,5939175	0,041	0,303
CHR4	25966358	CHR4:25966358	SSF x Near_LoA	-10,0251914	0,036	0,305
CHR4	25966404	CHR4:25966404	SSF x Near_LoA	-11,6966452	0,051	0,311
CHR4	25970760	CHR4:25970760	SSF x Near_LoA	-9,56724359	0,043	0,312
CHR4	25970804	CHR4:25970804	SSF x Near_LoA	-6,18123073	-0,040	0,306
CHR4	25970923	CHR4:25970923	SSF x Near_LoA	-10,246249	0,006	0,323
CHR4	25973731	CHR4:25973731	SSF x Near_LoA	-7,14287435	-0,029	0,313
CHR4	25973739	CHR4:25973739	SSF x Near_LoA	-4,92243412	-0,128	0,304
CHR4	2597625	CHR4:2597625	SSF x Near_LoA	-10,7742833	-0,060	0,316
CHR4	25982528	CHR4:25982528	SSF x Near_LoA	-9,8902208	-0,029	0,314
CHR4	25982579	CHR4:25982579	SSF x Near_LoA	-8,72691683	-0,011	0,312
CHR4	25982594	CHR4:25982594	SSF x Near_LoA	-10,6459804	-0,079	0,312
CHR4	26001897	CHR4:26001897	SSF x Near_LoA	-9,83736902	-0,070	0,318
CHR4	26001898	CHR4:26001898	SSF x Near_LoA	-1,03544866	-0,098	0,316
CHR4	26007808	CHR4:26007808	SSF x Near_LoA	-8,18971776	0,013	0,322
CHR4	2600795	CHR4:2600795	SSF x Near_LoA	-9,32335684	0,130	0,299
CHR4	26014129	CHR4:26014129	SSF x Near_LoA	-11,57877	0,028	0,310
CHR4	26015192	CHR4:26015192	SSF x Near_LoA	-5,41165961	-0,115	0,308
CHR4	26018947	CHR4:26018947	SSF x Near_LoA	-10,3504876	-0,026	0,322
CHR4	26029802	CHR4:26029802	SSF x Near_LoA	-8,56940377	-0,131	0,314
CHR4	26029853	CHR4:26029853	SSF x Near_LoA	-8,89541531	-0,113	0,303
CHR4	26036524	CHR4:26036524	SSF x Near_LoA	-11,9548207	-0,006	0,305
CHR4	26036526	CHR4:26036526	SSF x Near_LoA	-5,84868595	0,123	0,310
CHR4	26036543	CHR4:26036543	SSF x Near_LoA	-5,08374888	-0,154	0,297
CHR4	26036589	CHR4:26036589	SSF x Near_LoA	-11,5037567	0,015	0,311
CHR4	26036590	CHR4:26036590	SSF x Near_LoA	-9,47057499	-0,011	0,321
CHR4	26051689	CHR4:26051689	SSF x Near_LoA	-8,72685378	0,031	0,303
CHR4	26067051	CHR4:26067051	SSF x Near_LoA	-7,35734514	0,052	0,314
CHR4	26067205	CHR4:26067205	SSF x Near_LoA	-8,82421799	0,054	0,314
CHR4	26067269	CHR4:26067269	SSF x Near_LoA	-6,41110067	-0,072	0,315
CHR4	26068250	CHR4:26068250	SSF x Near_LoA	-10,389726	-0,004	0,313
CHR4	2606940	CHR4:2606940	SSF x Near_LoA	-10,3659809	-0,136	0,299
CHR4	2606988	CHR4:2606988	SSF x Near_LoA	-9,51806692	0,056	0,307
CHR4	2607156	CHR4:2607156	SSF x Near_LoA	-10,6391072	0,051	0,313
CHR4	2607162	CHR4:2607162	SSF x Near_LoA	-7,98236087	0,194	0,289
CHR4	26075184	CHR4:26075184	SSF x Near_LoA	-8,13593245	0,094	0,296
CHR4	26075243	CHR4:26075243	SSF x Near_LoA	-9,71451436	0,140	0,292
CHR4	26075263	CHR4:26075263	SSF x Near_LoA	-9,43789859	-0,048	0,314
CHR4	26075264	CHR4:26075264	SSF x Near_LoA	-8,57852753	-0,019	0,310
CHR4	26075274	CHR4:26075274	SSF x Near_LoA	-6,40727234	-0,096	0,306
CHR4	26075277	CHR4:26075277	SSF x Near_LoA	-7,33799362	0,000	0,325
CHR4	26075279	CHR4:26075279	SSF x Near_LoA	-9,24015899	0,045	0,299
CHR4	26075280	CHR4:26075280	SSF x Near_LoA	-8,47088764	-0,057	0,310
CHR4	26078967	CHR4:26078967	SSF x Near_LoA	-10,7314898	-0,069	0,317
CHR4	26083756	CHR4:26083756	SSF x Near_LoA	-10,6868657	0,022	0,311
CHR4	26083877	CHR4:26083877	SSF x Near_LoA	-9,23455079	0,082	0,291
CHR4	26083881	CHR4:26083881	SSF x Near_LoA	-8,76371548	-0,029	0,306
CHR4	26083882	CHR4:26083882	SSF x Near_LoA	-9,40239425	-0,007	0,302
CHR4	26083909	CHR4:26083909	SSF x Near_LoA	-8,55267123	-0,022	0,307
CHR4	26083913	CHR4:26083913	SSF x Near_LoA	-7,140524	-0,014	0,318

CHR4	26083919	CHR4:26083919	SSF x Near_LoA	-11,2775864	-0,014	0,310
CHR4	26093578	CHR4:26093578	SSF x Near_LoA	-8,41582918	-0,022	0,321
CHR4	26096960	CHR4:26096960	SSF x Near_LoA	-8,46499302	-0,079	0,299
CHR4	26106929	CHR4:26106929	SSF x Near_LoA	-11,4659316	0,057	0,302
CHR4	26106932	CHR4:26106932	SSF x Near_LoA	-11,3152312	0,047	0,297
CHR4	26106963	CHR4:26106963	SSF x Near_LoA	-9,86015634	0,065	0,304
CHR4	26126236	CHR4:26126236	SSF x Near_LoA	-9,59757742	0,013	0,310
CHR4	26126290	CHR4:26126290	SSF x Near_LoA	-9,80526728	0,055	0,309
CHR4	26142437	CHR4:26142437	SSF x Near_LoA	-10,7663344	-0,084	0,309
CHR4	26146046	CHR4:26146046	SSF x Near_LoA	-11,3981324	0,009	0,303
CHR4	26154462	CHR4:26154462	SSF x Near_LoA	-7,53719363	-0,182	0,300
CHR4	26163964	CHR4:26163964	SSF x Near_LoA	-11,1290629	0,068	0,299
CHR4	26164825	CHR4:26164825	SSF x Near_LoA	-10,9888281	0,072	0,315
CHR4	26169607	CHR4:26169607	SSF x Near_LoA	-10,1458507	-0,033	0,303
CHR4	26177094	CHR4:26177094	SSF x Near_LoA	-9,76867971	0,114	0,301
CHR4	26177101	CHR4:26177101	SSF x Near_LoA	-8,9318824	0,102	0,314
CHR4	26177329	CHR4:26177329	SSF x Near_LoA	-9,21325472	-0,080	0,305
CHR4	26177371	CHR4:26177371	SSF x Near_LoA	-10,1588187	-0,022	0,334
CHR4	2619196	CHR4:2619196	SSF x Near_LoA	-7,2792397	0,082	0,309
CHR4	2619331	CHR4:2619331	SSF x Near_LoA	-10,6786896	-0,003	0,304
CHR4	26202625	CHR4:26202625	SSF x Near_LoA	-11,3274929	-0,100	0,318
CHR4	26216492	CHR4:26216492	SSF x Near_LoA	-9,86199706	-0,099	0,301
CHR4	26218998	CHR4:26218998	SSF x Near_LoA	-8,64633945	0,033	0,311
CHR4	26234552	CHR4:26234552	SSF x Near_LoA	-9,55956149	0,042	0,302
CHR4	26234557	CHR4:26234557	SSF x Near_LoA	-11,0339178	0,089	0,307
CHR4	26234560	CHR4:26234560	SSF x Near_LoA	-10,0177943	0,063	0,305
CHR4	26234622	CHR4:26234622	SSF x Near_LoA	-10,2772383	-0,003	0,297
CHR4	26234629	CHR4:26234629	SSF x Near_LoA	-10,4892928	-0,016	0,300
CHR4	26239018	CHR4:26239018	SSF x Near_LoA	-11,6687266	-0,073	0,298
CHR4	26239220	CHR4:26239220	SSF x Near_LoA	-9,58058937	0,091	0,306
CHR4	26243831	CHR4:26243831	SSF x Near_LoA	-8,88430453	-0,010	0,314
CHR4	26243893	CHR4:26243893	SSF x Near_LoA	-4,22855755	0,004	0,304
CHR4	26243899	CHR4:26243899	SSF x Near_LoA	-11,5495027	-0,005	0,296
CHR4	26243932	CHR4:26243932	SSF x Near_LoA	-8,23263444	-0,131	0,306
CHR4	26243933	CHR4:26243933	SSF x Near_LoA	-8,30234327	-0,099	0,309
CHR4	26243949	CHR4:26243949	SSF x Near_LoA	-9,69568788	0,053	0,311
CHR4	26243973	CHR4:26243973	SSF x Near_LoA	-6,96238137	-0,014	0,313
CHR4	26243992	CHR4:26243992	SSF x Near_LoA	-7,54409534	-0,134	0,301
CHR4	26254068	CHR4:26254068	SSF x Near_LoA	-7,95667238	-0,034	0,305
CHR4	26254113	CHR4:26254113	SSF x Near_LoA	-7,0238896	0,120	0,293
CHR4	26268294	CHR4:26268294	SSF x Near_LoA	-8,80906155	-0,094	0,302
CHR4	26268426	CHR4:26268426	SSF x Near_LoA	-9,5495316	-0,005	0,307
CHR4	26268464	CHR4:26268464	SSF x Near_LoA	-8,26627226	0,030	0,310
CHR4	2627151	CHR4:2627151	SSF x Near_LoA	-10,9819289	0,082	0,304
CHR4	2627181	CHR4:2627181	SSF x Near_LoA	-9,21216655	0,004	0,301
CHR4	26271891	CHR4:26271891	SSF x Near_LoA	-9,02007957	0,061	0,321
CHR4	2627374	CHR4:2627374	SSF x Near_LoA	-7,15587193	-0,163	0,303
CHR4	26281380	CHR4:26281380	SSF x Near_LoA	-9,83314283	-0,001	0,310
CHR4	26281410	CHR4:26281410	SSF x Near_LoA	-11,2672991	-0,032	0,316
CHR4	26283103	CHR4:26283103	SSF x Near_LoA	-9,6544054	0,000	0,302
CHR4	26283111	CHR4:26283111	SSF x Near_LoA	-10,3217575	-0,020	0,314
CHR4	26283294	CHR4:26283294	SSF x Near_LoA	-9,85189522	-0,025	0,295
CHR4	26292745	CHR4:26292745	SSF x Near_LoA	-10,1132192	0,074	0,306

CHR4	26292772	CHR4:26292772	SSF x Near_LoA	-8,1184212	0,058	0,313
CHR4	26292825	CHR4:26292825	SSF x Near_LoA	-8,70231089	-0,046	0,311
CHR4	26301249	CHR4:26301249	SSF x Near_LoA	-8,93574314	-0,068	0,292
CHR4	26301252	CHR4:26301252	SSF x Near_LoA	-6,90593908	-0,082	0,301
CHR4	26301318	CHR4:26301318	SSF x Near_LoA	-10,7569938	-0,001	0,316
CHR4	2630262	CHR4:2630262	SSF x Near_LoA	-11,0790501	0,075	0,307
CHR4	2630284	CHR4:2630284	SSF x Near_LoA	-8,95756097	0,106	0,293
CHR4	2630310	CHR4:2630310	SSF x Near_LoA	-9,46483666	-0,017	0,313
CHR4	26314549	CHR4:26314549	SSF x Near_LoA	-10,7379015	0,089	0,310
CHR4	26314578	CHR4:26314578	SSF x Near_LoA	-9,24914319	0,039	0,307
CHR4	26314646	CHR4:26314646	SSF x Near_LoA	-7,12677811	-0,132	0,312
CHR4	26320231	CHR4:26320231	SSF x Near_LoA	-11,3770804	0,064	0,311
CHR4	26320282	CHR4:26320282	SSF x Near_LoA	-9,69032279	-0,065	0,326
CHR4	26320284	CHR4:26320284	SSF x Near_LoA	-9,32604817	-0,071	0,307
CHR4	26320287	CHR4:26320287	SSF x Near_LoA	-9,12863293	0,096	0,326
CHR4	26321992	CHR4:26321992	SSF x Near_LoA	-12,6421472	-0,055	0,301
CHR4	26322169	CHR4:26322169	SSF x Near_LoA	-10,5237735	-0,003	0,303
CHR4	26322257	CHR4:26322257	SSF x Near_LoA	-7,44817793	-0,150	0,303
CHR4	26322282	CHR4:26322282	SSF x Near_LoA	-8,1359331	-0,089	0,316
CHR4	26331358	CHR4:26331358	SSF x Near_LoA	-8,26097915	0,094	0,308
CHR4	26331485	CHR4:26331485	SSF x Near_LoA	-11,3779301	0,008	0,303
CHR4	26331489	CHR4:26331489	SSF x Near_LoA	-8,73446537	-0,044	0,315
CHR4	26344923	CHR4:26344923	SSF x Near_LoA	-8,57767983	-0,124	0,315
CHR4	26349760	CHR4:26349760	SSF x Near_LoA	-8,08181989	-0,140	0,295
CHR4	26352916	CHR4:26352916	SSF x Near_LoA	-5,82146808	-0,040	0,321
CHR4	26353015	CHR4:26353015	SSF x Near_LoA	-8,87266434	0,022	0,298
CHR4	26353096	CHR4:26353096	SSF x Near_LoA	-8,40852903	0,057	0,302
CHR4	26359133	CHR4:26359133	SSF x Near_LoA	-7,37621765	0,013	0,297
CHR4	26359321	CHR4:26359321	SSF x Near_LoA	0,08935827	0,033	0,301
CHR4	26371358	CHR4:26371358	SSF x Near_LoA	-8,40771267	0,001	0,327
CHR4	26371363	CHR4:26371363	SSF x Near_LoA	-10,584641	0,008	0,322
CHR4	26371384	CHR4:26371384	SSF x Near_LoA	-9,74886219	0,038	0,300
CHR4	26388411	CHR4:26388411	SSF x Near_LoA	-9,80700303	0,142	0,301
CHR4	26388420	CHR4:26388420	SSF x Near_LoA	-9,36051656	0,020	0,296
CHR4	26388474	CHR4:26388474	SSF x Near_LoA	-9,69061357	-0,024	0,284
CHR4	26391589	CHR4:26391589	SSF x Near_LoA	-10,5902831	-0,054	0,304
CHR4	26391626	CHR4:26391626	SSF x Near_LoA	-9,65930292	-0,020	0,320
CHR4	26391652	CHR4:26391652	SSF x Near_LoA	-10,0734881	-0,053	0,315
CHR4	26403679	CHR4:26403679	SSF x Near_LoA	-9,40856243	-0,058	0,313
CHR4	26403683	CHR4:26403683	SSF x Near_LoA	-10,1866546	-0,083	0,304
CHR4	26403692	CHR4:26403692	SSF x Near_LoA	-9,96262493	-0,046	0,311
CHR4	26403774	CHR4:26403774	SSF x Near_LoA	-6,17665962	-0,134	0,307
CHR4	26403787	CHR4:26403787	SSF x Near_LoA	-9,13666875	-0,093	0,315
CHR4	26403857	CHR4:26403857	SSF x Near_LoA	-7,55284807	-0,140	0,301
CHR4	26418328	CHR4:26418328	SSF x Near_LoA	-8,25048457	-0,138	0,314
CHR4	26418343	CHR4:26418343	SSF x Near_LoA	-7,9364137	-0,125	0,298
CHR4	26418482	CHR4:26418482	SSF x Near_LoA	-7,72485351	0,014	0,298
CHR4	26418535	CHR4:26418535	SSF x Near_LoA	-10,2124445	-0,024	0,301
CHR4	2642232	CHR4:2642232	SSF x Near_LoA	-6,96766621	-0,131	0,308
CHR4	2642272	CHR4:2642272	SSF x Near_LoA	-12,599956	-0,057	0,310
CHR4	26424475	CHR4:26424475	SSF x Near_LoA	-8,46762687	-0,107	0,294
CHR4	2642464	CHR4:2642464	SSF x Near_LoA	-7,89423126	-0,121	0,311
CHR4	2642479	CHR4:2642479	SSF x Near_LoA	-8,9628487	-0,162	0,298

CHR4	2642503	CHR4:2642503	SSF x Near_LoA	-7,0312808	-0,109	0,303
CHR4	26448588	CHR4:26448588	SSF x Near_LoA	-10,1190297	0,027	0,306
CHR4	26448619	CHR4:26448619	SSF x Near_LoA	-8,24963431	0,094	0,301
CHR4	26470462	CHR4:26470462	SSF x Near_LoA	-6,60912622	-0,208	0,290
CHR4	26470502	CHR4:26470502	SSF x Near_LoA	-8,45735263	-0,048	0,301
CHR4	26470509	CHR4:26470509	SSF x Near_LoA	-3,67496278	-0,157	0,313
CHR4	26470556	CHR4:26470556	SSF x Near_LoA	-8,11151334	0,033	0,308
CHR4	26470580	CHR4:26470580	SSF x Near_LoA	-8,63076116	0,046	0,322
CHR4	26470654	CHR4:26470654	SSF x Near_LoA	-8,81215751	-0,057	0,303
CHR4	26470657	CHR4:26470657	SSF x Near_LoA	-8,99479344	0,002	0,303
CHR4	26485113	CHR4:26485113	SSF x Near_LoA	-10,9065574	0,029	0,309
CHR4	26485142	CHR4:26485142	SSF x Near_LoA	-2,71562239	0,034	0,330
CHR4	26485146	CHR4:26485146	SSF x Near_LoA	-10,8910166	-0,053	0,307
CHR4	26485150	CHR4:26485150	SSF x Near_LoA	-9,06894522	0,024	0,307
CHR4	26494279	CHR4:26494279	SSF x Near_LoA	-7,95625099	0,119	0,290
CHR4	26501458	CHR4:26501458	SSF x Near_LoA	-8,95433959	0,055	0,318
CHR4	26501591	CHR4:26501591	SSF x Near_LoA	-9,31135573	0,090	0,305
CHR4	26501630	CHR4:26501630	SSF x Near_LoA	-4,49640582	-0,113	0,311
CHR4	26509284	CHR4:26509284	SSF x Near_LoA	-11,4747637	0,071	0,300
CHR4	26512536	CHR4:26512536	SSF x Near_LoA	-11,2360971	0,038	0,307
CHR4	26515467	CHR4:26515467	SSF x Near_LoA	-9,2636056	-0,098	0,303
CHR4	26521784	CHR4:26521784	SSF x Near_LoA	-10,3722358	-0,130	0,285
CHR4	26522712	CHR4:26522712	SSF x Near_LoA	-10,048605	-0,092	0,315
CHR4	26529891	CHR4:26529891	SSF x Near_LoA	-6,55679669	-0,154	0,291
CHR4	26529914	CHR4:26529914	SSF x Near_LoA	-8,9032853	-0,038	0,315
CHR4	26529916	CHR4:26529916	SSF x Near_LoA	-9,33623649	-0,049	0,287
CHR4	26532100	CHR4:26532100	SSF x Near_LoA	-7,95948781	-0,172	0,314
CHR4	26542125	CHR4:26542125	SSF x Near_LoA	-9,8149271	-0,018	0,303
CHR4	26551354	CHR4:26551354	SSF x Near_LoA	-11,0568203	-0,014	0,309
CHR4	26551446	CHR4:26551446	SSF x Near_LoA	-11,0040217	0,093	0,303
CHR4	26553511	CHR4:26553511	SSF x Near_LoA	-9,8234098	0,095	0,295
CHR4	26553773	CHR4:26553773	SSF x Near_LoA	-7,73043613	0,004	0,287
CHR4	26561498	CHR4:26561498	SSF x Near_LoA	-11,1917483	0,020	0,310
CHR4	26561590	CHR4:26561590	SSF x Near_LoA	-11,2931758	0,014	0,315
CHR4	26561592	CHR4:26561592	SSF x Near_LoA	-10,1837719	-0,070	0,283
CHR4	26561669	CHR4:26561669	SSF x Near_LoA	-9,75473524	0,119	0,310
CHR4	26563196	CHR4:26563196	SSF x Near_LoA	-10,6735384	-0,093	0,310
CHR4	26564673	CHR4:26564673	SSF x Near_LoA	-6,89384144	0,027	0,314
CHR4	26565841	CHR4:26565841	SSF x Near_LoA	-10,6972969	0,003	0,321
CHR4	26565940	CHR4:26565940	SSF x Near_LoA	-6,00269561	-0,036	0,315
CHR4	26571264	CHR4:26571264	SSF x Near_LoA	-8,99665391	0,023	0,307
CHR4	26573127	CHR4:26573127	SSF x Near_LoA	-9,91822489	-0,004	0,317
CHR4	26573195	CHR4:26573195	SSF x Near_LoA	-8,83127759	-0,033	0,313
CHR4	26592184	CHR4:26592184	SSF x Near_LoA	-7,61369569	-0,059	0,316
CHR4	26592249	CHR4:26592249	SSF x Near_LoA	-9,45757227	0,001	0,299
CHR4	26592281	CHR4:26592281	SSF x Near_LoA	-8,67867681	0,077	0,307
CHR4	26593673	CHR4:26593673	SSF x Near_LoA	-3,85483362	-0,138	0,311
CHR4	26593762	CHR4:26593762	SSF x Near_LoA	-9,5524457	-0,052	0,312
CHR4	26593795	CHR4:26593795	SSF x Near_LoA	-6,99005168	0,180	0,299
CHR4	26593820	CHR4:26593820	SSF x Near_LoA	-3,64990769	-0,107	0,309
CHR4	26596667	CHR4:26596667	SSF x Near_LoA	-6,55972284	-0,080	0,303
CHR4	26596678	CHR4:26596678	SSF x Near_LoA	-9,46065004	0,066	0,279
CHR4	26606683	CHR4:26606683	SSF x Near_LoA	-8,69705926	0,076	0,303

CHR4	26606706	CHR4:26606706	SSF x Near_LoA	-10,0008942	-0,052	0,314
CHR4	26606785	CHR4:26606785	SSF x Near_LoA	-8,31844117	0,092	0,296
CHR4	26606828	CHR4:26606828	SSF x Near_LoA	-11,333259	-0,088	0,308
CHR4	26608234	CHR4:26608234	SSF x Near_LoA	-9,47405437	-0,023	0,305
CHR4	26608254	CHR4:26608254	SSF x Near_LoA	-11,7098911	0,008	0,320
CHR4	26608258	CHR4:26608258	SSF x Near_LoA	-10,5259122	-0,060	0,298
CHR4	26608272	CHR4:26608272	SSF x Near_LoA	-5,24834818	0,162	0,303
CHR4	26608274	CHR4:26608274	SSF x Near_LoA	-10,4359857	0,063	0,315
CHR4	26608367	CHR4:26608367	SSF x Near_LoA	-9,05632018	-0,002	0,309
CHR4	26608457	CHR4:26608457	SSF x Near_LoA	-8,78975973	0,003	0,304
CHR4	26614777	CHR4:26614777	SSF x Near_LoA	-8,34604601	0,003	0,306
CHR4	26614794	CHR4:26614794	SSF x Near_LoA	-9,51720082	0,040	0,300
CHR4	26621273	CHR4:26621273	SSF x Near_LoA	-9,36443016	0,009	0,305
CHR4	26636990	CHR4:26636990	SSF x Near_LoA	-12,0926974	-0,029	0,296
CHR4	26641671	CHR4:26641671	SSF x Near_LoA	-11,3750448	-0,065	0,310
CHR4	26641678	CHR4:26641678	SSF x Near_LoA	-8,91543934	-0,078	0,302
CHR4	26656887	CHR4:26656887	SSF x Near_LoA	-10,3140098	-0,058	0,311
CHR4	26658642	CHR4:26658642	SSF x Near_LoA	-10,7261985	-0,044	0,318
CHR4	26658726	CHR4:26658726	SSF x Near_LoA	-9,90991929	0,033	0,307
CHR4	26658864	CHR4:26658864	SSF x Near_LoA	-9,81833703	0,013	0,312
CHR4	26660211	CHR4:26660211	SSF x Near_LoA	-7,14814606	-0,086	0,304
CHR4	26660214	CHR4:26660214	SSF x Near_LoA	-9,3568521	-0,051	0,302
CHR4	26660216	CHR4:26660216	SSF x Near_LoA	-7,53211988	0,093	0,306
CHR4	26660217	CHR4:26660217	SSF x Near_LoA	-9,95928741	-0,106	0,303
CHR4	26690464	CHR4:26690464	SSF x Near_LoA	-7,41836135	0,120	0,318
CHR4	26690553	CHR4:26690553	SSF x Near_LoA	-11,2983678	-0,051	0,313
CHR4	2670456	CHR4:2670456	SSF x Near_LoA	-11,0983205	-0,012	0,311
CHR4	2670564	CHR4:2670564	SSF x Near_LoA	-10,5514551	-0,016	0,316
CHR4	2670608	CHR4:2670608	SSF x Near_LoA	-10,1480129	0,021	0,315
CHR4	26706217	CHR4:26706217	SSF x Near_LoA	-8,21177795	-0,088	0,320
CHR4	26706225	CHR4:26706225	SSF x Near_LoA	-9,55660735	-0,096	0,312
CHR4	26706228	CHR4:26706228	SSF x Near_LoA	-8,13780654	-0,110	0,305
CHR4	26706268	CHR4:26706268	SSF x Near_LoA	-10,4725981	-0,091	0,303
CHR4	26706275	CHR4:26706275	SSF x Near_LoA	-8,71154802	0,010	0,310
CHR4	26706328	CHR4:26706328	SSF x Near_LoA	-8,80873223	0,146	0,289
CHR4	26706357	CHR4:26706357	SSF x Near_LoA	-10,2823503	0,036	0,317
CHR4	26706431	CHR4:26706431	SSF x Near_LoA	-3,94414939	-0,214	0,302
CHR4	26710700	CHR4:26710700	SSF x Near_LoA	-8,7179933	-0,032	0,290
CHR4	26710702	CHR4:26710702	SSF x Near_LoA	-9,72885684	-0,035	0,300
CHR4	26710708	CHR4:26710708	SSF x Near_LoA	-9,84060146	-0,027	0,312
CHR4	26710773	CHR4:26710773	SSF x Near_LoA	-7,42471251	0,021	0,301
CHR4	26710778	CHR4:26710778	SSF x Near_LoA	-8,63423617	0,025	0,319
CHR4	26710792	CHR4:26710792	SSF x Near_LoA	-9,76493568	-0,076	0,304
CHR4	26710799	CHR4:26710799	SSF x Near_LoA	-10,2592247	0,027	0,299
CHR4	26710883	CHR4:26710883	SSF x Near_LoA	-9,10874618	-0,077	0,299
CHR4	26710966	CHR4:26710966	SSF x Near_LoA	-7,39593971	-0,164	0,298
CHR4	26714382	CHR4:26714382	SSF x Near_LoA	-8,93939505	0,133	0,316
CHR4	26719349	CHR4:26719349	SSF x Near_LoA	-8,00403985	0,047	0,302
CHR4	26719410	CHR4:26719410	SSF x Near_LoA	-10,5886489	-0,091	0,305
CHR4	26719475	CHR4:26719475	SSF x Near_LoA	-9,52950471	0,033	0,306
CHR4	26719508	CHR4:26719508	SSF x Near_LoA	-9,85955552	0,060	0,292
CHR4	26719524	CHR4:26719524	SSF x Near_LoA	-11,9038692	0,056	0,293
CHR4	2673002	CHR4:2673002	SSF x Near_LoA	-10,094496	0,024	0,307

CHR4	2673054	CHR4:2673054	SSF x Near_LoA	-5,47621653	0,029	0,302
CHR4	26732899	CHR4:26732899	SSF x Near_LoA	-6,44894824	0,054	0,301
CHR4	26732911	CHR4:26732911	SSF x Near_LoA	-10,7284807	-0,060	0,312
CHR4	26734433	CHR4:26734433	SSF x Near_LoA	-7,63822595	0,101	0,317
CHR4	26734787	CHR4:26734787	SSF x Near_LoA	-10,5376853	0,017	0,297
CHR4	26752415	CHR4:26752415	SSF x Near_LoA	-6,01358079	0,051	0,312
CHR4	26752467	CHR4:26752467	SSF x Near_LoA	-9,13410122	-0,076	0,299
CHR4	26752531	CHR4:26752531	SSF x Near_LoA	-10,4713006	0,023	0,308
CHR4	26752547	CHR4:26752547	SSF x Near_LoA	-5,868378	0,109	0,300
CHR4	26758630	CHR4:26758630	SSF x Near_LoA	-10,541073	0,015	0,314
CHR4	26759474	CHR4:26759474	SSF x Near_LoA	-6,69507075	0,049	0,298
CHR4	26760152	CHR4:26760152	SSF x Near_LoA	-8,96867428	0,002	0,314
CHR4	26760153	CHR4:26760153	SSF x Near_LoA	-9,44016563	0,029	0,305
CHR4	26760160	CHR4:26760160	SSF x Near_LoA	-6,95125539	0,095	0,315
CHR4	26760217	CHR4:26760217	SSF x Near_LoA	-7,1874412	0,045	0,327
CHR4	26760279	CHR4:26760279	SSF x Near_LoA	-8,94513299	0,001	0,302
CHR4	26762971	CHR4:26762971	SSF x Near_LoA	-7,3247839	0,193	0,287
CHR4	26763029	CHR4:26763029	SSF x Near_LoA	-6,47068305	-0,131	0,299
CHR4	26764223	CHR4:26764223	SSF x Near_LoA	-10,4959421	0,017	0,315
CHR4	26766389	CHR4:26766389	SSF x Near_LoA	-5,630664	0,111	0,287
CHR4	26766514	CHR4:26766514	SSF x Near_LoA	-6,55998027	-0,136	0,302
CHR4	26771477	CHR4:26771477	SSF x Near_LoA	-9,62910197	0,071	0,299
CHR4	26771591	CHR4:26771591	SSF x Near_LoA	-8,12507084	-0,066	0,304
CHR4	26771685	CHR4:26771685	SSF x Near_LoA	-5,54095657	0,119	0,315
CHR4	26777255	CHR4:26777255	SSF x Near_LoA	-7,74853934	0,098	0,312
CHR4	26777459	CHR4:26777459	SSF x Near_LoA	-10,834831	-0,020	0,307
CHR4	26778952	CHR4:26778952	SSF x Near_LoA	-8,86216763	0,175	0,291
CHR4	2677896	CHR4:2677896	SSF x Near_LoA	-6,76196932	0,011	0,308
CHR4	2678074	CHR4:2678074	SSF x Near_LoA	-9,60410848	0,030	0,306
CHR4	26789282	CHR4:26789282	SSF x Near_LoA	-10,4970774	0,050	0,299
CHR4	26789437	CHR4:26789437	SSF x Near_LoA	-9,80335688	-0,041	0,305
CHR4	26795328	CHR4:26795328	SSF x Near_LoA	-6,611099	0,109	0,315
CHR4	26795339	CHR4:26795339	SSF x Near_LoA	-9,15234349	-0,033	0,309
CHR4	26795359	CHR4:26795359	SSF x Near_LoA	-7,01672667	0,071	0,312
CHR4	26795412	CHR4:26795412	SSF x Near_LoA	-6,84137654	-0,149	0,305
CHR4	26795473	CHR4:26795473	SSF x Near_LoA	-10,7046007	0,113	0,298
CHR4	26807952	CHR4:26807952	SSF x Near_LoA	-9,50634948	-0,055	0,306
CHR4	26808060	CHR4:26808060	SSF x Near_LoA	-8,14357126	0,083	0,308
CHR4	26815061	CHR4:26815061	SSF x Near_LoA	-8,35593402	0,082	0,321
CHR4	26815073	CHR4:26815073	SSF x Near_LoA	-11,0881669	0,018	0,321
CHR4	26815112	CHR4:26815112	SSF x Near_LoA	-4,25387431	0,053	0,327
CHR4	268228	CHR4:268228	SSF x Near_LoA	-10,7648282	-0,086	0,310
CHR4	26824401	CHR4:26824401	SSF x Near_LoA	-10,3187781	-0,070	0,312
CHR4	26824404	CHR4:26824404	SSF x Near_LoA	-11,6180871	0,038	0,303
CHR4	26824416	CHR4:26824416	SSF x Near_LoA	-9,81941831	0,014	0,310
CHR4	26824418	CHR4:26824418	SSF x Near_LoA	-9,79406591	0,026	0,306
CHR4	26824419	CHR4:26824419	SSF x Near_LoA	-9,75063481	0,043	0,308
CHR4	26824444	CHR4:26824444	SSF x Near_LoA	-7,7202884	-0,093	0,301
CHR4	26824475	CHR4:26824475	SSF x Near_LoA	-7,56505037	-0,060	0,317
CHR4	26824576	CHR4:26824576	SSF x Near_LoA	-11,9757116	0,003	0,309
CHR4	268369	CHR4:268369	SSF x Near_LoA	-8,55392143	-0,134	0,309
CHR4	26840325	CHR4:26840325	SSF x Near_LoA	-10,052993	-0,060	0,299
CHR4	26840360	CHR4:26840360	SSF x Near_LoA	-6,0552087	-0,150	0,300

CHR4	26840362	CHR4:26840362	SSF x Near_LoA	-6,41132483	-0,183	0,286
CHR4	2684332	CHR4:2684332	SSF x Near_LoA	-8,32171374	-0,114	0,315
CHR4	2684335	CHR4:2684335	SSF x Near_LoA	-8,43496045	-0,025	0,301
CHR4	26849266	CHR4:26849266	SSF x Near_LoA	-8,24819677	-0,042	0,320
CHR4	26849476	CHR4:26849476	SSF x Near_LoA	-8,34082126	0,080	0,310
CHR4	26861137	CHR4:26861137	SSF x Near_LoA	-8,35498969	0,120	0,293
CHR4	26861177	CHR4:26861177	SSF x Near_LoA	-8,98858001	0,115	0,303
CHR4	26870084	CHR4:26870084	SSF x Near_LoA	-4,36745026	-0,001	0,302
CHR4	26870086	CHR4:26870086	SSF x Near_LoA	-7,54632373	0,049	0,316
CHR4	26870110	CHR4:26870110	SSF x Near_LoA	-10,9804015	-0,016	0,308
CHR4	26870134	CHR4:26870134	SSF x Near_LoA	-8,64532617	0,085	0,302
CHR4	26870135	CHR4:26870135	SSF x Near_LoA	-7,68170076	0,108	0,310
CHR4	26870197	CHR4:26870197	SSF x Near_LoA	-6,92580275	-0,047	0,308
CHR4	26870198	CHR4:26870198	SSF x Near_LoA	-10,9539785	0,010	0,306
CHR4	26876054	CHR4:26876054	SSF x Near_LoA	-6,65643604	0,064	0,314
CHR4	26876091	CHR4:26876091	SSF x Near_LoA	-6,20371504	0,038	0,304
CHR4	26876157	CHR4:26876157	SSF x Near_LoA	-7,59222227	0,103	0,311
CHR4	26876190	CHR4:26876190	SSF x Near_LoA	-9,25406299	-0,078	0,311
CHR4	26876202	CHR4:26876202	SSF x Near_LoA	-9,18848933	-0,043	0,290
CHR4	26876218	CHR4:26876218	SSF x Near_LoA	-11,0873516	-0,015	0,322
CHR4	26876234	CHR4:26876234	SSF x Near_LoA	-8,90410736	-0,020	0,299
CHR4	26876249	CHR4:26876249	SSF x Near_LoA	-4,74223872	0,020	0,313
CHR4	26886743	CHR4:26886743	SSF x Near_LoA	-8,05995412	0,201	0,305
CHR4	26908526	CHR4:26908526	SSF x Near_LoA	-8,10575871	0,117	0,321
CHR4	26908545	CHR4:26908545	SSF x Near_LoA	-12,3012298	-0,020	0,314
CHR4	26926470	CHR4:26926470	SSF x Near_LoA	-7,89651279	-0,018	0,313
CHR4	26926585	CHR4:26926585	SSF x Near_LoA	-10,3645744	-0,092	0,314
CHR4	26926637	CHR4:26926637	SSF x Near_LoA	-8,51016679	-0,027	0,316
CHR4	26926648	CHR4:26926648	SSF x Near_LoA	-2,42679798	0,095	0,307
CHR4	26926671	CHR4:26926671	SSF x Near_LoA	-10,6908136	-0,003	0,309
CHR4	26926691	CHR4:26926691	SSF x Near_LoA	-10,0172147	-0,051	0,304
CHR4	26932376	CHR4:26932376	SSF x Near_LoA	-9,50500575	0,030	0,304
CHR4	26932392	CHR4:26932392	SSF x Near_LoA	-9,10016295	0,012	0,290
CHR4	26932404	CHR4:26932404	SSF x Near_LoA	-8,48429558	-0,104	0,313
CHR4	26932473	CHR4:26932473	SSF x Near_LoA	-9,73742118	-0,041	0,327
CHR4	26932485	CHR4:26932485	SSF x Near_LoA	-4,77514487	-0,026	0,306
CHR4	26932587	CHR4:26932587	SSF x Near_LoA	-8,73271477	-0,045	0,309
CHR4	26933616	CHR4:26933616	SSF x Near_LoA	-10,7679342	-0,063	0,300
CHR4	26933671	CHR4:26933671	SSF x Near_LoA	-9,5697043	0,050	0,302
CHR4	26939471	CHR4:26939471	SSF x Near_LoA	-7,28842398	0,015	0,300
CHR4	2694703	CHR4:2694703	SSF x Near_LoA	-8,50640399	-0,033	0,300
CHR4	2694711	CHR4:2694711	SSF x Near_LoA	-3,95957674	-0,032	0,295
CHR4	2694744	CHR4:2694744	SSF x Near_LoA	-9,72304396	0,092	0,314
CHR4	2694800	CHR4:2694800	SSF x Near_LoA	-9,77652045	0,019	0,314
CHR4	2694850	CHR4:2694850	SSF x Near_LoA	-5,23244165	-0,083	0,310
CHR4	2694869	CHR4:2694869	SSF x Near_LoA	-10,4892324	0,046	0,330
CHR4	2694899	CHR4:2694899	SSF x Near_LoA	-10,1224857	-0,025	0,300
CHR4	26952925	CHR4:26952925	SSF x Near_LoA	-9,81394422	-0,011	0,300
CHR4	26952930	CHR4:26952930	SSF x Near_LoA	-11,5719598	0,025	0,313
CHR4	26952933	CHR4:26952933	SSF x Near_LoA	-10,6667536	-0,002	0,321
CHR4	26953119	CHR4:26953119	SSF x Near_LoA	-10,7382479	0,002	0,303
CHR4	26953263	CHR4:26953263	SSF x Near_LoA	-10,7312094	-0,055	0,309
CHR4	26961057	CHR4:26961057	SSF x Near_LoA	-10,5875177	0,099	0,306

CHR4	26961084	CHR4:26961084	SSF x Near_LoA	-6,0411967	0,116	0,298
CHR4	26961097	CHR4:26961097	SSF x Near_LoA	-7,95881727	-0,071	0,296
CHR4	26963172	CHR4:26963172	SSF x Near_LoA	-11,365002	0,080	0,298
CHR4	26963217	CHR4:26963217	SSF x Near_LoA	-11,7131739	0,080	0,314
CHR4	26963232	CHR4:26963232	SSF x Near_LoA	-9,19531833	0,114	0,299
CHR4	26963253	CHR4:26963253	SSF x Near_LoA	-8,20845121	0,112	0,297
CHR4	26963259	CHR4:26963259	SSF x Near_LoA	-3,32312303	0,132	0,305
CHR4	26963489	CHR4:26963489	SSF x Near_LoA	-8,72774457	0,126	0,290
CHR4	26963495	CHR4:26963495	SSF x Near_LoA	-9,0457534	-0,066	0,309
CHR4	26963534	CHR4:26963534	SSF x Near_LoA	-10,0049437	-0,019	0,322
CHR4	26963592	CHR4:26963592	SSF x Near_LoA	-8,79590424	-0,024	0,307
CHR4	26965205	CHR4:26965205	SSF x Near_LoA	-9,78817819	0,071	0,308
CHR4	26967936	CHR4:26967936	SSF x Near_LoA	-10,5087934	0,056	0,310
CHR4	26968062	CHR4:26968062	SSF x Near_LoA	-8,89406315	-0,011	0,312
CHR4	26972002	CHR4:26972002	SSF x Near_LoA	-8,60952582	0,067	0,312
CHR4	26972019	CHR4:26972019	SSF x Near_LoA	-7,19655372	0,006	0,314
CHR4	26972021	CHR4:26972021	SSF x Near_LoA	-10,2193028	-0,054	0,304
CHR4	26972203	CHR4:26972203	SSF x Near_LoA	-11,5790666	-0,016	0,308
CHR4	26972249	CHR4:26972249	SSF x Near_LoA	-10,2612105	-0,090	0,295
CHR4	26978284	CHR4:26978284	SSF x Near_LoA	-8,09521872	0,057	0,310
CHR4	26979513	CHR4:26979513	SSF x Near_LoA	-9,9270355	-0,050	0,308
CHR4	26989720	CHR4:26989720	SSF x Near_LoA	-8,96017264	0,117	0,314
CHR4	26989746	CHR4:26989746	SSF x Near_LoA	-9,84690754	0,121	0,312
CHR4	26989756	CHR4:26989756	SSF x Near_LoA	-10,8651064	0,002	0,322
CHR4	26989760	CHR4:26989760	SSF x Near_LoA	-9,59015457	0,050	0,298
CHR4	26989768	CHR4:26989768	SSF x Near_LoA	-10,1118652	0,066	0,312
CHR4	26989836	CHR4:26989836	SSF x Near_LoA	-9,92440719	-0,009	0,317
CHR4	26989861	CHR4:26989861	SSF x Near_LoA	-11,3619238	0,024	0,295
CHR4	2699429	CHR4:2699429	SSF x Near_LoA	0,4446101	-0,027	0,308
CHR4	2699493	CHR4:2699493	SSF x Near_LoA	-10,6442966	0,137	0,302
CHR4	2699509	CHR4:2699509	SSF x Near_LoA	-4,75362189	0,038	0,304
CHR4	2699510	CHR4:2699510	SSF x Near_LoA	-9,58344679	-0,012	0,320
CHR4	27002221	CHR4:27002221	SSF x Near_LoA	-7,98228557	-0,034	0,305
CHR4	27002517	CHR4:27002517	SSF x Near_LoA	-2,45694104	-0,136	0,301
CHR4	27020120	CHR4:27020120	SSF x Near_LoA	-9,19229075	0,046	0,307
CHR4	2703403	CHR4:2703403	SSF x Near_LoA	-7,3826917	-0,055	0,300
CHR4	27047652	CHR4:27047652	SSF x Near_LoA	-10,0706724	0,062	0,306
CHR4	27047667	CHR4:27047667	SSF x Near_LoA	-8,95909873	-0,018	0,314
CHR4	27047686	CHR4:27047686	SSF x Near_LoA	-5,56289001	-0,063	0,317
CHR4	27047688	CHR4:27047688	SSF x Near_LoA	-7,65428771	-0,091	0,294
CHR4	27047764	CHR4:27047764	SSF x Near_LoA	-8,01064893	-0,039	0,310
CHR4	27047786	CHR4:27047786	SSF x Near_LoA	-5,48255707	-0,148	0,294
CHR4	27047802	CHR4:27047802	SSF x Near_LoA	-8,84493299	-0,079	0,316
CHR4	27062988	CHR4:27062988	SSF x Near_LoA	-7,52571448	0,097	0,309
CHR4	27063004	CHR4:27063004	SSF x Near_LoA	-11,3013824	0,089	0,307
CHR4	27063124	CHR4:27063124	SSF x Near_LoA	-10,3016813	0,056	0,310
CHR4	27063219	CHR4:27063219	SSF x Near_LoA	-10,0551699	-0,002	0,307
CHR4	27063267	CHR4:27063267	SSF x Near_LoA	-9,91148725	-0,017	0,314
CHR4	2707823	CHR4:2707823	SSF x Near_LoA	-7,49404233	0,029	0,311
CHR4	27079197	CHR4:27079197	SSF x Near_LoA	-11,0891839	-0,020	0,301
CHR4	27079224	CHR4:27079224	SSF x Near_LoA	-9,23882743	0,012	0,308
CHR4	27079357	CHR4:27079357	SSF x Near_LoA	-11,1204954	-0,034	0,320
CHR4	27079365	CHR4:27079365	SSF x Near_LoA	-8,21123442	0,155	0,300

CHR4	27080409	CHR4:27080409	SSF x Near_LoA	-7,79398245	0,064	0,312
CHR4	27080566	CHR4:27080566	SSF x Near_LoA	-9,12040342	-0,017	0,321
CHR4	27088592	CHR4:27088592	SSF x Near_LoA	-10,2730613	-0,124	0,296
CHR4	27088679	CHR4:27088679	SSF x Near_LoA	-10,90361	0,006	0,309
CHR4	27091427	CHR4:27091427	SSF x Near_LoA	-9,40650551	0,027	0,313
CHR4	27091433	CHR4:27091433	SSF x Near_LoA	-8,08966233	-0,103	0,298
CHR4	27091446	CHR4:27091446	SSF x Near_LoA	-9,47667153	-0,011	0,285
CHR4	27091461	CHR4:27091461	SSF x Near_LoA	-9,77777055	-0,066	0,298
CHR4	27091486	CHR4:27091486	SSF x Near_LoA	-9,4613011	-0,077	0,291
CHR4	27091499	CHR4:27091499	SSF x Near_LoA	-10,279815	-0,050	0,308
CHR4	27091548	CHR4:27091548	SSF x Near_LoA	-8,01645852	0,080	0,309
CHR4	27091588	CHR4:27091588	SSF x Near_LoA	-8,81087716	-0,110	0,302
CHR4	27091593	CHR4:27091593	SSF x Near_LoA	-6,24134648	0,075	0,321
CHR4	27098906	CHR4:27098906	SSF x Near_LoA	-11,2282655	0,002	0,307
CHR4	27099041	CHR4:27099041	SSF x Near_LoA	-9,62945443	-0,074	0,318
CHR4	27099206	CHR4:27099206	SSF x Near_LoA	-8,99325267	-0,016	0,310
CHR4	27108160	CHR4:27108160	SSF x Near_LoA	-10,001339	-0,027	0,299
CHR4	27108281	CHR4:27108281	SSF x Near_LoA	-9,80666077	0,013	0,315
CHR4	27118081	CHR4:27118081	SSF x Near_LoA	-5,51505404	0,051	0,304
CHR4	27118157	CHR4:27118157	SSF x Near_LoA	-9,19903725	-0,004	0,299
CHR4	2712554	CHR4:2712554	SSF x Near_LoA	-9,42043085	-0,052	0,313
CHR4	2712555	CHR4:2712555	SSF x Near_LoA	-9,8215742	-0,076	0,323
CHR4	2712664	CHR4:2712664	SSF x Near_LoA	-11,7432374	0,012	0,313
CHR4	27130531	CHR4:27130531	SSF x Near_LoA	-5,63407462	0,137	0,301
CHR4	27130554	CHR4:27130554	SSF x Near_LoA	-7,90448492	0,009	0,311
CHR4	27130584	CHR4:27130584	SSF x Near_LoA	-8,29702355	0,044	0,315
CHR4	27130597	CHR4:27130597	SSF x Near_LoA	-8,27135202	0,113	0,295
CHR4	27130603	CHR4:27130603	SSF x Near_LoA	-10,6510132	-0,114	0,308
CHR4	27130612	CHR4:27130612	SSF x Near_LoA	-9,96470466	-0,015	0,307
CHR4	27136865	CHR4:27136865	SSF x Near_LoA	-10,5293934	0,085	0,311
CHR4	27139431	CHR4:27139431	SSF x Near_LoA	-11,4935043	0,050	0,302
CHR4	27141148	CHR4:27141148	SSF x Near_LoA	-4,12114177	-0,128	0,304
CHR4	27141192	CHR4:27141192	SSF x Near_LoA	-8,56428749	0,086	0,305
CHR4	27141209	CHR4:27141209	SSF x Near_LoA	-9,19378028	0,064	0,295
CHR4	27148037	CHR4:27148037	SSF x Near_LoA	-9,36447951	-0,004	0,318
CHR4	27159421	CHR4:27159421	SSF x Near_LoA	-9,87617402	-0,085	0,301
CHR4	27159458	CHR4:27159458	SSF x Near_LoA	2,19047201	-0,017	0,309
CHR4	27164565	CHR4:27164565	SSF x Near_LoA	-11,03414	-0,045	0,299
CHR4	27164854	CHR4:27164854	SSF x Near_LoA	-8,759678	0,058	0,304
CHR4	27170587	CHR4:27170587	SSF x Near_LoA	-10,3329467	-0,051	0,303
CHR4	27170616	CHR4:27170616	SSF x Near_LoA	-9,2878137	0,065	0,299
CHR4	27170671	CHR4:27170671	SSF x Near_LoA	-11,4252713	0,076	0,304
CHR4	27170683	CHR4:27170683	SSF x Near_LoA	-9,55919587	-0,069	0,316
CHR4	27170684	CHR4:27170684	SSF x Near_LoA	-9,39405733	-0,095	0,307
CHR4	27170693	CHR4:27170693	SSF x Near_LoA	-9,77904037	-0,072	0,317
CHR4	27170730	CHR4:27170730	SSF x Near_LoA	-9,6310279	0,067	0,304
CHR4	27170754	CHR4:27170754	SSF x Near_LoA	-8,3272225	-0,040	0,307
CHR4	27176131	CHR4:27176131	SSF x Near_LoA	-10,1297381	-0,025	0,309
CHR4	27176206	CHR4:27176206	SSF x Near_LoA	-9,7164429	-0,067	0,306
CHR4	27176236	CHR4:27176236	SSF x Near_LoA	-5,9115884	0,051	0,312
CHR4	27176326	CHR4:27176326	SSF x Near_LoA	-9,54954846	0,055	0,311
CHR4	27179557	CHR4:27179557	SSF x Near_LoA	-9,20933267	0,104	0,278
CHR4	27179565	CHR4:27179565	SSF x Near_LoA	-8,65434117	-0,062	0,298

CHR4	27179577	CHR4:27179577	SSF x Near_LoA	-6,16513394	-0,143	0,313
CHR4	27179677	CHR4:27179677	SSF x Near_LoA	-8,90141233	-0,007	0,309
CHR4	27193088	CHR4:27193088	SSF x Near_LoA	-8,21842071	-0,076	0,309
CHR4	27243352	CHR4:27243352	SSF x Near_LoA	-8,88823815	-0,005	0,317
CHR4	27246697	CHR4:27246697	SSF x Near_LoA	-11,7834998	-0,017	0,313
CHR4	27246798	CHR4:27246798	SSF x Near_LoA	-11,2205543	0,011	0,306
CHR4	27248715	CHR4:27248715	SSF x Near_LoA	-8,71800532	-0,025	0,303
CHR4	27248784	CHR4:27248784	SSF x Near_LoA	-9,82046561	-0,005	0,311
CHR4	27248785	CHR4:27248785	SSF x Near_LoA	-9,12541958	-0,014	0,291
CHR4	2725445	CHR4:2725445	SSF x Near_LoA	-6,05505682	-0,030	0,306
CHR4	2725458	CHR4:2725458	SSF x Near_LoA	-11,3992283	0,030	0,310
CHR4	2725464	CHR4:2725464	SSF x Near_LoA	-8,72347035	0,009	0,290
CHR4	2725469	CHR4:2725469	SSF x Near_LoA	-8,83401033	0,007	0,318
CHR4	2725487	CHR4:2725487	SSF x Near_LoA	-11,303491	-0,020	0,304
CHR4	2725498	CHR4:2725498	SSF x Near_LoA	-10,9541081	-0,032	0,315
CHR4	2725536	CHR4:2725536	SSF x Near_LoA	-8,81851235	0,008	0,296
CHR4	27260370	CHR4:27260370	SSF x Near_LoA	-11,6385785	0,086	0,303
CHR4	27260379	CHR4:27260379	SSF x Near_LoA	-10,1328979	0,018	0,312
CHR4	27260389	CHR4:27260389	SSF x Near_LoA	-11,0085105	0,037	0,300
CHR4	27260394	CHR4:27260394	SSF x Near_LoA	-10,8121229	0,061	0,298
CHR4	27261240	CHR4:27261240	SSF x Near_LoA	-7,82626488	-0,088	0,308
CHR4	2727992	CHR4:2727992	SSF x Near_LoA	-12,2439733	-0,027	0,301
CHR4	27301689	CHR4:27301689	SSF x Near_LoA	-10,3635759	-0,039	0,290
CHR4	27301749	CHR4:27301749	SSF x Near_LoA	-10,5092658	-0,067	0,307
CHR4	27301756	CHR4:27301756	SSF x Near_LoA	-9,30362407	-0,023	0,303
CHR4	27310185	CHR4:27310185	SSF x Near_LoA	-8,75491709	-0,046	0,308
CHR4	27310318	CHR4:27310318	SSF x Near_LoA	-7,49555714	0,156	0,301
CHR4	27327156	CHR4:27327156	SSF x Near_LoA	-11,3576858	-0,061	0,302
CHR4	27327340	CHR4:27327340	SSF x Near_LoA	-10,0920817	-0,020	0,314
CHR4	27327414	CHR4:27327414	SSF x Near_LoA	-12,1603233	-0,038	0,309
CHR4	27334387	CHR4:27334387	SSF x Near_LoA	-11,0472604	-0,001	0,306
CHR4	27334420	CHR4:27334420	SSF x Near_LoA	-12,3764481	-0,026	0,309
CHR4	27343678	CHR4:27343678	SSF x Near_LoA	-7,08989428	0,212	0,289
CHR4	2734422	CHR4:2734422	SSF x Near_LoA	-8,26696144	-0,004	0,321
CHR4	27344257	CHR4:27344257	SSF x Near_LoA	-9,62573688	-0,029	0,321
CHR4	2734487	CHR4:2734487	SSF x Near_LoA	-10,6569803	0,035	0,303
CHR4	2734491	CHR4:2734491	SSF x Near_LoA	-9,16723196	0,085	0,306
CHR4	27345015	CHR4:27345015	SSF x Near_LoA	-9,436376	0,091	0,307
CHR4	27345129	CHR4:27345129	SSF x Near_LoA	-5,90852281	0,179	0,306
CHR4	27345192	CHR4:27345192	SSF x Near_LoA	-10,7090558	-0,051	0,303
CHR4	27345237	CHR4:27345237	SSF x Near_LoA	-11,2900238	-0,089	0,311
CHR4	27346392	CHR4:27346392	SSF x Near_LoA	-7,5029969	-0,086	0,297
CHR4	27346921	CHR4:27346921	SSF x Near_LoA	-9,97830372	0,047	0,307
CHR4	27347011	CHR4:27347011	SSF x Near_LoA	-11,057385	-0,002	0,307
CHR4	27347060	CHR4:27347060	SSF x Near_LoA	-11,7785213	0,012	0,299
CHR4	27352831	CHR4:27352831	SSF x Near_LoA	-10,0684761	-0,053	0,296
CHR4	27352858	CHR4:27352858	SSF x Near_LoA	-10,2921403	-0,048	0,309
CHR4	27352869	CHR4:27352869	SSF x Near_LoA	-11,2292179	-0,014	0,308
CHR4	27352884	CHR4:27352884	SSF x Near_LoA	-8,6224928	0,110	0,306
CHR4	27352885	CHR4:27352885	SSF x Near_LoA	-9,06885242	0,106	0,309
CHR4	27353068	CHR4:27353068	SSF x Near_LoA	-10,4123154	-0,018	0,314
CHR4	27353080	CHR4:27353080	SSF x Near_LoA	-8,86037738	-0,002	0,316
CHR4	27354923	CHR4:27354923	SSF x Near_LoA	-9,62777516	0,016	0,312

CHR4	27354942	CHR4:27354942	SSF x Near_LoA	-10,8876305	-0,015	0,301
CHR4	27354957	CHR4:27354957	SSF x Near_LoA	-9,87644378	0,033	0,305
CHR4	27360548	CHR4:27360548	SSF x Near_LoA	-9,24480555	-0,047	0,288
CHR4	27360683	CHR4:27360683	SSF x Near_LoA	-5,41624998	0,006	0,311
CHR4	27363035	CHR4:27363035	SSF x Near_LoA	-9,36143937	0,080	0,303
CHR4	27364000	CHR4:27364000	SSF x Near_LoA	-10,9421475	-0,020	0,311
CHR4	27364007	CHR4:27364007	SSF x Near_LoA	-8,82349231	0,013	0,314
CHR4	27367019	CHR4:27367019	SSF x Near_LoA	-8,38545784	0,004	0,308
CHR4	27367022	CHR4:27367022	SSF x Near_LoA	-8,06994155	0,060	0,306
CHR4	27369167	CHR4:27369167	SSF x Near_LoA	-6,21178951	0,159	0,309
CHR4	27369172	CHR4:27369172	SSF x Near_LoA	-9,85937084	-0,082	0,278
CHR4	27369273	CHR4:27369273	SSF x Near_LoA	-10,0719672	-0,048	0,303
CHR4	27384788	CHR4:27384788	SSF x Near_LoA	-11,0024003	0,018	0,309
CHR4	27409035	CHR4:27409035	SSF x Near_LoA	-8,9477207	0,012	0,305
CHR4	27419422	CHR4:27419422	SSF x Near_LoA	-5,3898905	0,024	0,322
CHR4	2742547	CHR4:2742547	SSF x Near_LoA	-9,65978242	0,053	0,299
CHR4	2742699	CHR4:2742699	SSF x Near_LoA	-3,30570614	-0,014	0,304
CHR4	2742702	CHR4:2742702	SSF x Near_LoA	-9,8002817	-0,017	0,298
CHR4	2742725	CHR4:2742725	SSF x Near_LoA	-9,13546762	0,083	0,328
CHR4	27429903	CHR4:27429903	SSF x Near_LoA	-5,98098751	-0,126	0,302
CHR4	27430040	CHR4:27430040	SSF x Near_LoA	-11,0035183	0,089	0,302
CHR4	27430152	CHR4:27430152	SSF x Near_LoA	-7,50836953	0,083	0,312
CHR4	27434290	CHR4:27434290	SSF x Near_LoA	-9,22411502	-0,054	0,300
CHR4	27434465	CHR4:27434465	SSF x Near_LoA	-6,69339765	-0,122	0,314
CHR4	27435377	CHR4:27435377	SSF x Near_LoA	-10,52549	-0,003	0,319
CHR4	27435618	CHR4:27435618	SSF x Near_LoA	-8,3723596	0,063	0,299
CHR4	27438129	CHR4:27438129	SSF x Near_LoA	-10,2705349	0,025	0,296
CHR4	27438220	CHR4:27438220	SSF x Near_LoA	-12,802725	0,038	0,297
CHR4	27438276	CHR4:27438276	SSF x Near_LoA	-8,94612567	0,012	0,310
CHR4	2745967	CHR4:2745967	SSF x Near_LoA	-8,19636347	0,019	0,294
CHR4	2746216	CHR4:2746216	SSF x Near_LoA	-10,7783289	-0,080	0,308
CHR4	2746260	CHR4:2746260	SSF x Near_LoA	-11,4676558	0,028	0,311
CHR4	27465861	CHR4:27465861	SSF x Near_LoA	-9,1695115	-0,017	0,310
CHR4	27465961	CHR4:27465961	SSF x Near_LoA	-10,3922234	0,125	0,300
CHR4	27467801	CHR4:27467801	SSF x Near_LoA	-7,53122394	-0,011	0,309
CHR4	27472036	CHR4:27472036	SSF x Near_LoA	-6,8451845	0,022	0,302
CHR4	27491291	CHR4:27491291	SSF x Near_LoA	-9,17932382	0,029	0,309
CHR4	27491452	CHR4:27491452	SSF x Near_LoA	-9,71419056	-0,114	0,324
CHR4	27491456	CHR4:27491456	SSF x Near_LoA	-8,10377119	0,037	0,313
CHR4	27491474	CHR4:27491474	SSF x Near_LoA	-9,00263975	-0,060	0,302
CHR4	27496171	CHR4:27496171	SSF x Near_LoA	-11,6991533	-0,036	0,311
CHR4	27511028	CHR4:27511028	SSF x Near_LoA	-8,94091888	-0,019	0,313
CHR4	27511121	CHR4:27511121	SSF x Near_LoA	-7,57215321	-0,053	0,308
CHR4	27513326	CHR4:27513326	SSF x Near_LoA	-7,3003224	0,164	0,303
CHR4	27513337	CHR4:27513337	SSF x Near_LoA	-11,4233751	-0,070	0,283
CHR4	27513338	CHR4:27513338	SSF x Near_LoA	-5,24052969	0,163	0,304
CHR4	2751723	CHR4:2751723	SSF x Near_LoA	-7,10431199	-0,103	0,298
CHR4	27520348	CHR4:27520348	SSF x Near_LoA	-8,61906527	0,022	0,314
CHR4	27520349	CHR4:27520349	SSF x Near_LoA	-10,2446836	0,134	0,307
CHR4	27522545	CHR4:27522545	SSF x Near_LoA	-10,9852416	-0,020	0,307
CHR4	27522602	CHR4:27522602	SSF x Near_LoA	-9,25776461	-0,119	0,318
CHR4	27522605	CHR4:27522605	SSF x Near_LoA	-10,564279	-0,142	0,302
CHR4	27522608	CHR4:27522608	SSF x Near_LoA	-4,82618044	-0,151	0,306

CHR4	27524408	CHR4:27524408	SSF x Near_LoA	-1,3069398	-0,160	0,309
CHR4	27524492	CHR4:27524492	SSF x Near_LoA	-8,7408531	0,086	0,297
CHR4	27524535	CHR4:27524535	SSF x Near_LoA	-9,12073785	-0,024	0,308
CHR4	27526250	CHR4:27526250	SSF x Near_LoA	-7,90151578	-0,171	0,291
CHR4	27526253	CHR4:27526253	SSF x Near_LoA	-5,42640759	-0,089	0,316
CHR4	27526272	CHR4:27526272	SSF x Near_LoA	-6,10364799	-0,130	0,302
CHR4	27530211	CHR4:27530211	SSF x Near_LoA	-6,22395298	-0,093	0,314
CHR4	27530227	CHR4:27530227	SSF x Near_LoA	-9,54301649	0,096	0,292
CHR4	27530246	CHR4:27530246	SSF x Near_LoA	-8,73371078	-0,121	0,290
CHR4	27530553	CHR4:27530553	SSF x Near_LoA	-9,8002225	0,050	0,299
CHR4	27573146	CHR4:27573146	SSF x Near_LoA	-9,01144551	0,050	0,311
CHR4	27598605	CHR4:27598605	SSF x Near_LoA	-10,8075552	0,108	0,289
CHR4	27598613	CHR4:27598613	SSF x Near_LoA	-11,2146831	-0,093	0,314
CHR4	27598646	CHR4:27598646	SSF x Near_LoA	-7,96320545	0,098	0,313
CHR4	27598649	CHR4:27598649	SSF x Near_LoA	-12,3193988	-0,012	0,303
CHR4	27598662	CHR4:27598662	SSF x Near_LoA	-10,7619532	0,067	0,306
CHR4	27598760	CHR4:27598760	SSF x Near_LoA	-1,83344259	-0,023	0,295
CHR4	27598772	CHR4:27598772	SSF x Near_LoA	-7,88483759	-0,038	0,305
CHR4	27605722	CHR4:27605722	SSF x Near_LoA	-6,25989022	-0,028	0,326
CHR4	27608903	CHR4:27608903	SSF x Near_LoA	-9,45364633	-0,032	0,298
CHR4	27608922	CHR4:27608922	SSF x Near_LoA	-9,02459411	-0,081	0,296
CHR4	27637079	CHR4:27637079	SSF x Near_LoA	-8,47506337	0,013	0,305
CHR4	27637169	CHR4:27637169	SSF x Near_LoA	-11,4935135	-0,042	0,291
CHR4	27637175	CHR4:27637175	SSF x Near_LoA	-9,06262136	0,022	0,293
CHR4	27637315	CHR4:27637315	SSF x Near_LoA	-8,87298521	0,114	0,296
CHR4	27642064	CHR4:27642064	SSF x Near_LoA	-10,668702	0,057	0,311
CHR4	27642242	CHR4:27642242	SSF x Near_LoA	-10,1696866	-0,018	0,305
CHR4	27644655	CHR4:27644655	SSF x Near_LoA	-6,82676249	0,149	0,300
CHR4	27644715	CHR4:27644715	SSF x Near_LoA	-7,42704795	0,003	0,293
CHR4	27644786	CHR4:27644786	SSF x Near_LoA	-9,54933915	0,002	0,294
CHR4	27645621	CHR4:27645621	SSF x Near_LoA	-10,1910118	0,078	0,316
CHR4	27645623	CHR4:27645623	SSF x Near_LoA	-10,5273898	0,062	0,299
CHR4	27655068	CHR4:27655068	SSF x Near_LoA	-10,301909	0,102	0,302
CHR4	27655093	CHR4:27655093	SSF x Near_LoA	-7,55474272	-0,016	0,301
CHR4	27655159	CHR4:27655159	SSF x Near_LoA	-8,22259476	-0,056	0,312
CHR4	27682702	CHR4:27682702	SSF x Near_LoA	-9,17808399	0,060	0,308
CHR4	27682707	CHR4:27682707	SSF x Near_LoA	-9,60293178	0,105	0,290
CHR4	2768432	CHR4:2768432	SSF x Near_LoA	-10,656629	-0,039	0,291
CHR4	27684644	CHR4:27684644	SSF x Near_LoA	-12,2018532	0,004	0,320
CHR4	27684713	CHR4:27684713	SSF x Near_LoA	-11,1062239	-0,054	0,312
CHR4	27684714	CHR4:27684714	SSF x Near_LoA	-7,2231288	0,021	0,307
CHR4	27684716	CHR4:27684716	SSF x Near_LoA	-10,7129679	0,005	0,318
CHR4	27684717	CHR4:27684717	SSF x Near_LoA	-10,9697556	-0,017	0,302
CHR4	27684718	CHR4:27684718	SSF x Near_LoA	-10,7440184	-0,010	0,317
CHR4	27684742	CHR4:27684742	SSF x Near_LoA	-10,4994909	0,129	0,310
CHR4	27684774	CHR4:27684774	SSF x Near_LoA	-10,5166335	0,069	0,294
CHR4	2768606	CHR4:2768606	SSF x Near_LoA	-9,25729855	-0,057	0,309
CHR4	2768630	CHR4:2768630	SSF x Near_LoA	-9,66146042	-0,034	0,312
CHR4	2768651	CHR4:2768651	SSF x Near_LoA	-10,4660065	0,089	0,307
CHR4	27694594	CHR4:27694594	SSF x Near_LoA	-7,41570736	0,067	0,298
CHR4	27694614	CHR4:27694614	SSF x Near_LoA	-11,2689826	0,076	0,304
CHR4	27694629	CHR4:27694629	SSF x Near_LoA	-11,4138597	-0,014	0,289
CHR4	27694630	CHR4:27694630	SSF x Near_LoA	-10,2505182	0,056	0,293

CHR4	27694631	CHR4:27694631	SSF x Near_LoA	-9,12309375	0,077	0,305
CHR4	27694632	CHR4:27694632	SSF x Near_LoA	-10,6721496	-0,006	0,302
CHR4	27694641	CHR4:27694641	SSF x Near_LoA	-7,05734778	-0,097	0,305
CHR4	27694654	CHR4:27694654	SSF x Near_LoA	-11,0916475	-0,010	0,292
CHR4	27694794	CHR4:27694794	SSF x Near_LoA	-10,7406224	-0,108	0,291
CHR4	27694802	CHR4:27694802	SSF x Near_LoA	-1,83834979	0,015	0,302
CHR4	27694824	CHR4:27694824	SSF x Near_LoA	-11,2190316	0,086	0,295
CHR4	27694829	CHR4:27694829	SSF x Near_LoA	-9,08277199	0,052	0,296
CHR4	27694840	CHR4:27694840	SSF x Near_LoA	-9,46105802	0,061	0,305
CHR4	27698139	CHR4:27698139	SSF x Near_LoA	-10,711971	0,085	0,295
CHR4	27698167	CHR4:27698167	SSF x Near_LoA	-11,5399541	0,047	0,282
CHR4	27698259	CHR4:27698259	SSF x Near_LoA	-11,7536238	-0,084	0,307
CHR4	27698272	CHR4:27698272	SSF x Near_LoA	7,59602845	-0,132	0,308
CHR4	27698273	CHR4:27698273	SSF x Near_LoA	-8,60322534	0,108	0,296
CHR4	27698321	CHR4:27698321	SSF x Near_LoA	-9,0103484	0,049	0,305
CHR4	27698348	CHR4:27698348	SSF x Near_LoA	-9,28764582	0,189	0,304
CHR4	27698383	CHR4:27698383	SSF x Near_LoA	-9,04134498	-0,083	0,296
CHR4	27698395	CHR4:27698395	SSF x Near_LoA	-11,6186842	-0,035	0,304
CHR4	27698404	CHR4:27698404	SSF x Near_LoA	-9,9099999	-0,029	0,311
CHR4	27698417	CHR4:27698417	SSF x Near_LoA	-11,2408234	-0,085	0,305
CHR4	27698423	CHR4:27698423	SSF x Near_LoA	-5,76562566	0,012	0,316
CHR4	27698452	CHR4:27698452	SSF x Near_LoA	-11,0696883	0,086	0,296
CHR4	2771034	CHR4:2771034	SSF x Near_LoA	-10,902282	-0,043	0,317
CHR4	2771211	CHR4:2771211	SSF x Near_LoA	-8,07045391	-0,017	0,317
CHR4	2771221	CHR4:2771221	SSF x Near_LoA	-8,06589614	-0,158	0,287
CHR4	27716444	CHR4:27716444	SSF x Near_LoA	-9,01428055	-0,118	0,306
CHR4	27716446	CHR4:27716446	SSF x Near_LoA	-8,46481454	0,035	0,317
CHR4	27716488	CHR4:27716488	SSF x Near_LoA	-9,46673421	-0,017	0,302
CHR4	27716569	CHR4:27716569	SSF x Near_LoA	-11,4914813	0,017	0,310
CHR4	27716602	CHR4:27716602	SSF x Near_LoA	-11,1367697	-0,049	0,317
CHR4	27716634	CHR4:27716634	SSF x Near_LoA	-10,2857902	-0,138	0,306
CHR4	27716654	CHR4:27716654	SSF x Near_LoA	-10,6580976	-0,077	0,301
CHR4	27729082	CHR4:27729082	SSF x Near_LoA	-8,83689724	-0,023	0,305
CHR4	27730854	CHR4:27730854	SSF x Near_LoA	-10,7994635	0,048	0,297
CHR4	27730962	CHR4:27730962	SSF x Near_LoA	-11,1302252	0,031	0,303
CHR4	27731054	CHR4:27731054	SSF x Near_LoA	-11,4721986	0,064	0,301
CHR4	27743970	CHR4:27743970	SSF x Near_LoA	-7,09258432	-0,066	0,320
CHR4	27744053	CHR4:27744053	SSF x Near_LoA	-8,71869929	-0,134	0,299
CHR4	27745213	CHR4:27745213	SSF x Near_LoA	-6,89114402	-0,055	0,302
CHR4	27746328	CHR4:27746328	SSF x Near_LoA	-10,1157352	-0,029	0,317
CHR4	27746396	CHR4:27746396	SSF x Near_LoA	-10,3261853	-0,071	0,301
CHR4	27753096	CHR4:27753096	SSF x Near_LoA	-10,0048243	0,010	0,310
CHR4	27753111	CHR4:27753111	SSF x Near_LoA	-9,39105279	-0,096	0,312
CHR4	27757653	CHR4:27757653	SSF x Near_LoA	-6,61576878	0,070	0,303
CHR4	27757768	CHR4:27757768	SSF x Near_LoA	-11,0620387	-0,003	0,307
CHR4	27765670	CHR4:27765670	SSF x Near_LoA	-9,22671956	-0,002	0,316
CHR4	27766719	CHR4:27766719	SSF x Near_LoA	-6,54723973	0,112	0,305
CHR4	27766724	CHR4:27766724	SSF x Near_LoA	-8,66706827	0,062	0,303
CHR4	2777276	CHR4:2777276	SSF x Near_LoA	-10,3357569	0,033	0,308
CHR4	2777415	CHR4:2777415	SSF x Near_LoA	-11,3585373	0,104	0,310
CHR4	2777428	CHR4:2777428	SSF x Near_LoA	-9,83817532	0,005	0,314
CHR4	2777451	CHR4:2777451	SSF x Near_LoA	-10,2207598	-0,039	0,291
CHR4	2777490	CHR4:2777490	SSF x Near_LoA	-10,663796	-0,105	0,317

CHR4	27775156	CHR4:27775156	SSF x Near_LoA	-9,26650524	0,025	0,308
CHR4	27775191	CHR4:27775191	SSF x Near_LoA	-9,83706334	0,089	0,301
CHR4	27775220	CHR4:27775220	SSF x Near_LoA	-9,97769024	0,044	0,319
CHR4	27775296	CHR4:27775296	SSF x Near_LoA	-11,5603337	-0,041	0,305
CHR4	27775349	CHR4:27775349	SSF x Near_LoA	8,7570291	0,126	0,319
CHR4	27779074	CHR4:27779074	SSF x Near_LoA	-9,8018734	0,132	0,297
CHR4	27779096	CHR4:27779096	SSF x Near_LoA	-5,28429298	-0,182	0,295
CHR4	27779174	CHR4:27779174	SSF x Near_LoA	-7,19223054	-0,111	0,298
CHR4	2780360	CHR4:2780360	SSF x Near_LoA	-9,11342197	0,026	0,317
CHR4	27814463	CHR4:27814463	SSF x Near_LoA	-7,80183406	-0,072	0,299
CHR4	27814464	CHR4:27814464	SSF x Near_LoA	-10,2717004	-0,010	0,305
CHR4	27814495	CHR4:27814495	SSF x Near_LoA	-8,41324549	-0,067	0,297
CHR4	27814527	CHR4:27814527	SSF x Near_LoA	-10,9683526	-0,018	0,301
CHR4	27814586	CHR4:27814586	SSF x Near_LoA	-8,49432129	-0,021	0,298
CHR4	27818519	CHR4:27818519	SSF x Near_LoA	-9,99241799	0,084	0,306
CHR4	27818566	CHR4:27818566	SSF x Near_LoA	-8,39982249	-0,029	0,319
CHR4	27818641	CHR4:27818641	SSF x Near_LoA	-9,10325297	0,052	0,311
CHR4	27828147	CHR4:27828147	SSF x Near_LoA	-8,31832321	-0,040	0,301
CHR4	27828177	CHR4:27828177	SSF x Near_LoA	-4,40792563	0,168	0,296
CHR4	27828185	CHR4:27828185	SSF x Near_LoA	-8,12123771	-0,074	0,306
CHR4	27828224	CHR4:27828224	SSF x Near_LoA	-6,5905115	-0,085	0,305
CHR4	27828333	CHR4:27828333	SSF x Near_LoA	-11,0700472	-0,065	0,299
CHR4	27835898	CHR4:27835898	SSF x Near_LoA	-7,80031286	-0,101	0,314
CHR4	27835902	CHR4:27835902	SSF x Near_LoA	-5,38732356	-0,213	0,287
CHR4	27893674	CHR4:27893674	SSF x Near_LoA	-10,1968641	0,040	0,280
CHR4	27893722	CHR4:27893722	SSF x Near_LoA	-8,8356072	0,051	0,325
CHR4	27893950	CHR4:27893950	SSF x Near_LoA	-10,5181831	-0,007	0,297
CHR4	27896107	CHR4:27896107	SSF x Near_LoA	-10,567486	-0,030	0,308
CHR4	27896196	CHR4:27896196	SSF x Near_LoA	-9,5018599	-0,041	0,306
CHR4	27896210	CHR4:27896210	SSF x Near_LoA	-9,64385215	-0,115	0,298
CHR4	27900946	CHR4:27900946	SSF x Near_LoA	-11,5700513	-0,022	0,304
CHR4	27900960	CHR4:27900960	SSF x Near_LoA	-11,8500714	0,068	0,305
CHR4	27900962	CHR4:27900962	SSF x Near_LoA	-11,4683857	0,085	0,304
CHR4	27900983	CHR4:27900983	SSF x Near_LoA	-10,3243278	-0,075	0,320
CHR4	27902193	CHR4:27902193	SSF x Near_LoA	-8,10307697	0,068	0,306
CHR4	27907019	CHR4:27907019	SSF x Near_LoA	-8,23485625	0,133	0,292
CHR4	27913224	CHR4:27913224	SSF x Near_LoA	-8,26284491	-0,082	0,306
CHR4	27913248	CHR4:27913248	SSF x Near_LoA	-9,24183678	0,017	0,315
CHR4	27913260	CHR4:27913260	SSF x Near_LoA	-7,7064995	-0,071	0,321
CHR4	27916745	CHR4:27916745	SSF x Near_LoA	-8,36329686	0,160	0,292
CHR4	27916796	CHR4:27916796	SSF x Near_LoA	-8,41452919	0,055	0,291
CHR4	27916821	CHR4:27916821	SSF x Near_LoA	-9,34418045	0,091	0,303
CHR4	27916839	CHR4:27916839	SSF x Near_LoA	-8,19554691	-0,081	0,324
CHR4	27916974	CHR4:27916974	SSF x Near_LoA	-9,96574204	0,015	0,304
CHR4	27920156	CHR4:27920156	SSF x Near_LoA	-9,11003398	0,120	0,301
CHR4	27920189	CHR4:27920189	SSF x Near_LoA	-7,95825367	0,127	0,311
CHR4	27920241	CHR4:27920241	SSF x Near_LoA	-8,55598886	-0,093	0,318
CHR4	27920295	CHR4:27920295	SSF x Near_LoA	-9,95562507	-0,065	0,309
CHR4	27920297	CHR4:27920297	SSF x Near_LoA	-10,6783861	0,001	0,291
CHR4	27920307	CHR4:27920307	SSF x Near_LoA	-9,30548769	0,038	0,317
CHR4	2792312	CHR4:2792312	SSF x Near_LoA	-8,82123152	0,036	0,305
CHR4	2792317	CHR4:2792317	SSF x Near_LoA	-11,1650267	0,081	0,311
CHR4	2792338	CHR4:2792338	SSF x Near_LoA	-7,84145657	0,019	0,314

CHR4	2792388	CHR4:2792388	SSF x Near_LoA	-5,52035533	0,017	0,311
CHR4	2792417	CHR4:2792417	SSF x Near_LoA	-9,14007082	-0,026	0,312
CHR4	2792563	CHR4:2792563	SSF x Near_LoA	-1,59363175	-0,093	0,299
CHR4	27932541	CHR4:27932541	SSF x Near_LoA	-12,1962531	-0,011	0,293
CHR4	27932553	CHR4:27932553	SSF x Near_LoA	-11,1596942	0,010	0,304
CHR4	27955520	CHR4:27955520	SSF x Near_LoA	-7,9631658	0,095	0,317
CHR4	27955568	CHR4:27955568	SSF x Near_LoA	-9,43685185	0,019	0,304
CHR4	27955571	CHR4:27955571	SSF x Near_LoA	-8,91293149	0,054	0,307
CHR4	27957619	CHR4:27957619	SSF x Near_LoA	-8,78106733	-0,122	0,315
CHR4	27957770	CHR4:27957770	SSF x Near_LoA	-11,0662405	0,094	0,306
CHR4	27957782	CHR4:27957782	SSF x Near_LoA	-4,91429126	0,037	0,303
CHR4	27957867	CHR4:27957867	SSF x Near_LoA	-8,89308657	-0,074	0,305
CHR4	27957879	CHR4:27957879	SSF x Near_LoA	-8,81666969	-0,065	0,318
CHR4	27957885	CHR4:27957885	SSF x Near_LoA	-10,666783	0,042	0,304
CHR4	27957888	CHR4:27957888	SSF x Near_LoA	-9,34727413	0,012	0,304
CHR4	27957903	CHR4:27957903	SSF x Near_LoA	-10,3946774	0,031	0,304
CHR4	27964915	CHR4:27964915	SSF x Near_LoA	-10,4874517	0,010	0,306
CHR4	27964956	CHR4:27964956	SSF x Near_LoA	-12,0162882	0,008	0,314
CHR4	27964998	CHR4:27964998	SSF x Near_LoA	0,34090578	-0,038	0,308
CHR4	27968756	CHR4:27968756	SSF x Near_LoA	-9,8459927	0,136	0,287
CHR4	27968837	CHR4:27968837	SSF x Near_LoA	-11,178193	-0,002	0,298
CHR4	27973935	CHR4:27973935	SSF x Near_LoA	-11,2974459	0,030	0,314
CHR4	27985137	CHR4:27985137	SSF x Near_LoA	-9,47919481	0,039	0,295
CHR4	279888	CHR4:279888	SSF x Near_LoA	-4,4517509	-0,049	0,303
CHR4	27995036	CHR4:27995036	SSF x Near_LoA	-9,30997734	0,036	0,304
CHR4	28000035	CHR4:28000035	SSF x Near_LoA	-9,37237751	-0,063	0,306
CHR4	2800631	CHR4:2800631	SSF x Near_LoA	-6,29405019	0,075	0,304
CHR4	2800669	CHR4:2800669	SSF x Near_LoA	-8,66083171	-0,060	0,319
CHR4	2800670	CHR4:2800670	SSF x Near_LoA	-6,50023168	-0,073	0,316
CHR4	2800687	CHR4:2800687	SSF x Near_LoA	-10,0813995	-0,054	0,316
CHR4	2800691	CHR4:2800691	SSF x Near_LoA	-11,7856861	-0,059	0,291
CHR4	2800696	CHR4:2800696	SSF x Near_LoA	-8,751103	0,009	0,317
CHR4	2800701	CHR4:2800701	SSF x Near_LoA	-10,5601172	-0,038	0,322
CHR4	28011528	CHR4:28011528	SSF x Near_LoA	-7,14523769	0,088	0,299
CHR4	28011594	CHR4:28011594	SSF x Near_LoA	-9,73336184	-0,121	0,311
CHR4	28011640	CHR4:28011640	SSF x Near_LoA	-10,9988222	0,030	0,311
CHR4	28019287	CHR4:28019287	SSF x Near_LoA	-10,3945406	0,067	0,296
CHR4	28019295	CHR4:28019295	SSF x Near_LoA	-7,29927148	0,091	0,295
CHR4	28019302	CHR4:28019302	SSF x Near_LoA	-8,4666391	-0,059	0,314
CHR4	28019335	CHR4:28019335	SSF x Near_LoA	-6,33675626	-0,049	0,296
CHR4	28019606	CHR4:28019606	SSF x Near_LoA	-8,33363455	-0,021	0,330
CHR4	28019679	CHR4:28019679	SSF x Near_LoA	-9,13415026	0,091	0,293
CHR4	28023772	CHR4:28023772	SSF x Near_LoA	-4,57826204	0,073	0,308
CHR4	28036770	CHR4:28036770	SSF x Near_LoA	-8,15255911	-0,106	0,307
CHR4	28059092	CHR4:28059092	SSF x Near_LoA	-10,2885024	0,049	0,299
CHR4	28059119	CHR4:28059119	SSF x Near_LoA	-10,8982999	0,054	0,305
CHR4	28059128	CHR4:28059128	SSF x Near_LoA	-9,91000326	-0,062	0,303
CHR4	28059131	CHR4:28059131	SSF x Near_LoA	-10,990272	-0,094	0,313
CHR4	28059230	CHR4:28059230	SSF x Near_LoA	-4,46373698	-0,011	0,315
CHR4	28059328	CHR4:28059328	SSF x Near_LoA	-10,7503218	0,072	0,297
CHR4	28059331	CHR4:28059331	SSF x Near_LoA	-9,08092241	-0,063	0,314
CHR4	28062029	CHR4:28062029	SSF x Near_LoA	-7,93077946	-0,139	0,299
CHR4	28062034	CHR4:28062034	SSF x Near_LoA	-10,7224632	-0,031	0,305

CHR4	28062050	CHR4:28062050	SSF x Near_LoA	-10,8871674	0,004	0,301
CHR4	28062096	CHR4:28062096	SSF x Near_LoA	-9,75058561	-0,088	0,311
CHR4	28071864	CHR4:28071864	SSF x Near_LoA	-7,84776325	-0,048	0,310
CHR4	28071865	CHR4:28071865	SSF x Near_LoA	-8,62597962	-0,047	0,313
CHR4	28071905	CHR4:28071905	SSF x Near_LoA	-8,19579277	0,069	0,303
CHR4	28072115	CHR4:28072115	SSF x Near_LoA	-11,3688652	-0,069	0,304
CHR4	2808043	CHR4:2808043	SSF x Near_LoA	-7,97956151	-0,051	0,308
CHR4	28084095	CHR4:28084095	SSF x Near_LoA	-7,42383216	-0,043	0,293
CHR4	28084118	CHR4:28084118	SSF x Near_LoA	-9,27089626	0,002	0,300
CHR4	28085900	CHR4:28085900	SSF x Near_LoA	-8,98099214	0,041	0,320
CHR4	28090328	CHR4:28090328	SSF x Near_LoA	-12,1839111	0,010	0,299
CHR4	28090357	CHR4:28090357	SSF x Near_LoA	-8,87232684	0,095	0,304
CHR4	28090414	CHR4:28090414	SSF x Near_LoA	-9,89219908	-0,010	0,311
CHR4	28107079	CHR4:28107079	SSF x Near_LoA	-9,86664528	0,027	0,309
CHR4	28107099	CHR4:28107099	SSF x Near_LoA	-10,2528123	0,068	0,298
CHR4	28107114	CHR4:28107114	SSF x Near_LoA	-7,34226964	-0,076	0,310
CHR4	28107150	CHR4:28107150	SSF x Near_LoA	-8,04327813	-0,006	0,301
CHR4	28107214	CHR4:28107214	SSF x Near_LoA	-10,0067481	0,036	0,300
CHR4	28107332	CHR4:28107332	SSF x Near_LoA	-11,2505786	-0,006	0,303
CHR4	28111198	CHR4:28111198	SSF x Near_LoA	-7,69867057	0,026	0,316
CHR4	28111394	CHR4:28111394	SSF x Near_LoA	-9,0881045	0,044	0,315
CHR4	28111412	CHR4:28111412	SSF x Near_LoA	-6,54098842	0,072	0,302
CHR4	28111449	CHR4:28111449	SSF x Near_LoA	-7,7780025	-0,042	0,311
CHR4	28124501	CHR4:28124501	SSF x Near_LoA	-7,65807787	0,081	0,315
CHR4	28124502	CHR4:28124502	SSF x Near_LoA	-10,9805182	0,045	0,299
CHR4	28128090	CHR4:28128090	SSF x Near_LoA	-12,0440869	0,030	0,306
CHR4	28128097	CHR4:28128097	SSF x Near_LoA	6,37873522	0,058	0,313
CHR4	28134722	CHR4:28134722	SSF x Near_LoA	-10,2250237	-0,061	0,311
CHR4	28134768	CHR4:28134768	SSF x Near_LoA	-10,2288973	-0,032	0,313
CHR4	28134771	CHR4:28134771	SSF x Near_LoA	-11,6717274	-0,046	0,303
CHR4	28134879	CHR4:28134879	SSF x Near_LoA	-9,33662932	-0,049	0,318
CHR4	28134935	CHR4:28134935	SSF x Near_LoA	-9,95258443	0,008	0,302
CHR4	28150712	CHR4:28150712	SSF x Near_LoA	-10,7460035	0,006	0,337
CHR4	28150757	CHR4:28150757	SSF x Near_LoA	-9,32961182	-0,023	0,318
CHR4	28151891	CHR4:28151891	SSF x Near_LoA	-0,22662002	-0,105	0,305
CHR4	28152078	CHR4:28152078	SSF x Near_LoA	-10,1942799	0,014	0,325
CHR4	28172986	CHR4:28172986	SSF x Near_LoA	-10,6089774	0,020	0,307
CHR4	28172991	CHR4:28172991	SSF x Near_LoA	-10,0947923	-0,112	0,294
CHR4	28173049	CHR4:28173049	SSF x Near_LoA	-9,67592098	0,117	0,307
CHR4	28173156	CHR4:28173156	SSF x Near_LoA	-10,2245659	-0,044	0,306
CHR4	28173226	CHR4:28173226	SSF x Near_LoA	-9,63885194	0,035	0,306
CHR4	28173282	CHR4:28173282	SSF x Near_LoA	-10,7307363	0,055	0,305
CHR4	28178382	CHR4:28178382	SSF x Near_LoA	-10,1404255	-0,014	0,315
CHR4	28178413	CHR4:28178413	SSF x Near_LoA	-9,49181564	0,109	0,302
CHR4	28178456	CHR4:28178456	SSF x Near_LoA	-11,438312	-0,033	0,297
CHR4	28178530	CHR4:28178530	SSF x Near_LoA	-7,43219876	-0,044	0,312
CHR4	28178557	CHR4:28178557	SSF x Near_LoA	-8,81281469	0,061	0,308
CHR4	28178559	CHR4:28178559	SSF x Near_LoA	-10,6959473	-0,108	0,290
CHR4	281968	CHR4:281968	SSF x Near_LoA	-8,88773574	-0,017	0,302
CHR4	28213055	CHR4:28213055	SSF x Near_LoA	-11,1463998	-0,061	0,303
CHR4	28213747	CHR4:28213747	SSF x Near_LoA	-8,35091473	-0,084	0,306
CHR4	28213809	CHR4:28213809	SSF x Near_LoA	-7,68890884	0,152	0,306
CHR4	28213847	CHR4:28213847	SSF x Near_LoA	-11,1505105	-0,005	0,301

CHR4	28213853	CHR4:28213853	SSF x Near_LoA	-10,2230292	0,022	0,305
CHR4	28218569	CHR4:28218569	SSF x Near_LoA	-7,17832299	0,192	0,299
CHR4	28218591	CHR4:28218591	SSF x Near_LoA	-12,2164211	-0,060	0,300
CHR4	28218624	CHR4:28218624	SSF x Near_LoA	-8,8761849	-0,167	0,290
CHR4	28218661	CHR4:28218661	SSF x Near_LoA	-11,9228403	0,053	0,304
CHR4	28218688	CHR4:28218688	SSF x Near_LoA	-2,41039653	0,203	0,293
CHR4	28218727	CHR4:28218727	SSF x Near_LoA	-10,7312771	0,056	0,291
CHR4	28218760	CHR4:28218760	SSF x Near_LoA	-11,6285117	0,049	0,301
CHR4	2822833	CHR4:2822833	SSF x Near_LoA	-11,544531	-0,033	0,314
CHR4	2822853	CHR4:2822853	SSF x Near_LoA	-8,37849707	0,104	0,307
CHR4	28238681	CHR4:28238681	SSF x Near_LoA	-10,3443156	0,157	0,299
CHR4	28238688	CHR4:28238688	SSF x Near_LoA	-8,62428624	-0,132	0,297
CHR4	28238716	CHR4:28238716	SSF x Near_LoA	-7,74965046	-0,071	0,307
CHR4	28238749	CHR4:28238749	SSF x Near_LoA	-11,006054	0,123	0,295
CHR4	28240785	CHR4:28240785	SSF x Near_LoA	-10,0147997	-0,018	0,309
CHR4	28240794	CHR4:28240794	SSF x Near_LoA	-5,47955677	-0,016	0,312
CHR4	28240849	CHR4:28240849	SSF x Near_LoA	-11,214861	-0,060	0,300
CHR4	28240902	CHR4:28240902	SSF x Near_LoA	-7,43457426	-0,132	0,295
CHR4	28250196	CHR4:28250196	SSF x Near_LoA	-9,10666336	-0,037	0,296
CHR4	28261151	CHR4:28261151	SSF x Near_LoA	-8,32118723	-0,010	0,327
CHR4	28269760	CHR4:28269760	SSF x Near_LoA	-10,5593177	-0,020	0,306
CHR4	28269802	CHR4:28269802	SSF x Near_LoA	-10,1567414	-0,020	0,296
CHR4	28270003	CHR4:28270003	SSF x Near_LoA	-2,75907846	0,117	0,302
CHR4	28275309	CHR4:28275309	SSF x Near_LoA	-10,2821335	0,059	0,299
CHR4	28275396	CHR4:28275396	SSF x Near_LoA	-10,520185	0,085	0,304
CHR4	28283168	CHR4:28283168	SSF x Near_LoA	-10,1842903	-0,090	0,305
CHR4	28283177	CHR4:28283177	SSF x Near_LoA	-9,69117325	-0,028	0,311
CHR4	28283181	CHR4:28283181	SSF x Near_LoA	-7,49858595	-0,144	0,301
CHR4	28283201	CHR4:28283201	SSF x Near_LoA	-8,12007897	-0,018	0,301
CHR4	28283290	CHR4:28283290	SSF x Near_LoA	-8,57544902	-0,087	0,288
CHR4	28283312	CHR4:28283312	SSF x Near_LoA	-7,92183211	-0,113	0,301
CHR4	2830131	CHR4:2830131	SSF x Near_LoA	-8,92115311	0,040	0,320
CHR4	28333522	CHR4:28333522	SSF x Near_LoA	-10,1764047	0,015	0,319
CHR4	28334104	CHR4:28334104	SSF x Near_LoA	-9,23673612	0,063	0,278
CHR4	28334163	CHR4:28334163	SSF x Near_LoA	-10,6533195	-0,016	0,306
CHR4	28334165	CHR4:28334165	SSF x Near_LoA	-11,079022	-0,032	0,308
CHR4	28334173	CHR4:28334173	SSF x Near_LoA	-9,47084301	0,060	0,312
CHR4	28334233	CHR4:28334233	SSF x Near_LoA	-8,21292745	0,085	0,308
CHR4	2834659	CHR4:2834659	SSF x Near_LoA	-10,5494433	-0,089	0,305
CHR4	28359129	CHR4:28359129	SSF x Near_LoA	-7,71493376	0,147	0,313
CHR4	28359174	CHR4:28359174	SSF x Near_LoA	-9,32191086	-0,078	0,297
CHR4	28359197	CHR4:28359197	SSF x Near_LoA	-9,52042468	-0,103	0,297
CHR4	28359421	CHR4:28359421	SSF x Near_LoA	-7,98445889	-0,011	0,310
CHR4	28359460	CHR4:28359460	SSF x Near_LoA	-8,93400827	0,037	0,321
CHR4	2836162	CHR4:2836162	SSF x Near_LoA	-5,73621884	-0,058	0,321
CHR4	2836178	CHR4:2836178	SSF x Near_LoA	-6,89728098	-0,171	0,296
CHR4	2836190	CHR4:2836190	SSF x Near_LoA	-9,45339584	0,055	0,311
CHR4	2836191	CHR4:2836191	SSF x Near_LoA	-5,19765964	-0,181	0,316
CHR4	28362177	CHR4:28362177	SSF x Near_LoA	-10,0472914	-0,057	0,311
CHR4	28362210	CHR4:28362210	SSF x Near_LoA	-8,12935201	0,003	0,286
CHR4	28362259	CHR4:28362259	SSF x Near_LoA	-7,12148182	0,043	0,306
CHR4	28362282	CHR4:28362282	SSF x Near_LoA	-8,04982226	-0,044	0,308
CHR4	28362300	CHR4:28362300	SSF x Near_LoA	-9,23293379	0,058	0,296

CHR4	28362314	CHR4:28362314	SSF x Near_LoA	-11,4669392	-0,037	0,306
CHR4	28362337	CHR4:28362337	SSF x Near_LoA	-11,9983943	-0,061	0,297
CHR4	28362350	CHR4:28362350	SSF x Near_LoA	-9,50901179	-0,042	0,302
CHR4	28362356	CHR4:28362356	SSF x Near_LoA	-9,29468484	0,038	0,315
CHR4	28362367	CHR4:28362367	SSF x Near_LoA	-9,49182249	0,010	0,324
CHR4	2836238	CHR4:2836238	SSF x Near_LoA	-10,9238976	0,012	0,314
CHR4	2836256	CHR4:2836256	SSF x Near_LoA	-7,99217128	-0,129	0,300
CHR4	2836278	CHR4:2836278	SSF x Near_LoA	-7,52668239	-0,096	0,296
CHR4	2836287	CHR4:2836287	SSF x Near_LoA	-7,85182649	0,005	0,297
CHR4	28371327	CHR4:28371327	SSF x Near_LoA	-10,351827	-0,013	0,320
CHR4	28373779	CHR4:28373779	SSF x Near_LoA	-4,62033765	0,043	0,300
CHR4	28373847	CHR4:28373847	SSF x Near_LoA	-12,2611451	-0,019	0,298
CHR4	28373868	CHR4:28373868	SSF x Near_LoA	-9,06165073	-0,025	0,304
CHR4	28373927	CHR4:28373927	SSF x Near_LoA	-6,18064754	0,066	0,316
CHR4	28373937	CHR4:28373937	SSF x Near_LoA	-7,59840559	0,087	0,309
CHR4	28373954	CHR4:28373954	SSF x Near_LoA	-11,4874659	-0,004	0,309
CHR4	28376488	CHR4:28376488	SSF x Near_LoA	-9,59981449	0,043	0,302
CHR4	28376498	CHR4:28376498	SSF x Near_LoA	-10,3357164	0,032	0,288
CHR4	28376592	CHR4:28376592	SSF x Near_LoA	-11,6968308	0,005	0,308
CHR4	28377230	CHR4:28377230	SSF x Near_LoA	-11,6394565	0,100	0,294
CHR4	28377320	CHR4:28377320	SSF x Near_LoA	-10,7560067	-0,046	0,300
CHR4	28386336	CHR4:28386336	SSF x Near_LoA	-11,5193847	0,004	0,301
CHR4	28402524	CHR4:28402524	SSF x Near_LoA	-7,11012192	-0,021	0,325
CHR4	28402563	CHR4:28402563	SSF x Near_LoA	-7,187893	0,112	0,320
CHR4	28402666	CHR4:28402666	SSF x Near_LoA	-7,73820542	-0,012	0,326
CHR4	28402698	CHR4:28402698	SSF x Near_LoA	-10,8327838	0,156	0,295
CHR4	28402821	CHR4:28402821	SSF x Near_LoA	-9,02483765	-0,042	0,305
CHR4	2841292	CHR4:2841292	SSF x Near_LoA	-11,1246594	-0,073	0,310
CHR4	2841312	CHR4:2841312	SSF x Near_LoA	-10,4110014	-0,139	0,301
CHR4	2841335	CHR4:2841335	SSF x Near_LoA	-7,82731301	-0,063	0,318
CHR4	2841351	CHR4:2841351	SSF x Near_LoA	-9,92097604	-0,060	0,315
CHR4	28420365	CHR4:28420365	SSF x Near_LoA	-10,1107288	-0,119	0,309
CHR4	28420389	CHR4:28420389	SSF x Near_LoA	-10,1568986	-0,149	0,294
CHR4	28424318	CHR4:28424318	SSF x Near_LoA	-11,5782359	0,043	0,308
CHR4	28424347	CHR4:28424347	SSF x Near_LoA	-10,9545503	0,005	0,306
CHR4	28424405	CHR4:28424405	SSF x Near_LoA	-8,04890678	-0,083	0,303
CHR4	28424523	CHR4:28424523	SSF x Near_LoA	-9,29063718	-0,077	0,304
CHR4	2844680	CHR4:2844680	SSF x Near_LoA	-10,1323613	0,149	0,294
CHR4	2844726	CHR4:2844726	SSF x Near_LoA	-9,6888636	0,113	0,310
CHR4	2844743	CHR4:2844743	SSF x Near_LoA	-9,15445255	-0,110	0,296
CHR4	2844759	CHR4:2844759	SSF x Near_LoA	-11,4879396	0,028	0,289
CHR4	28462276	CHR4:28462276	SSF x Near_LoA	-8,27881284	0,018	0,310
CHR4	28462306	CHR4:28462306	SSF x Near_LoA	-8,70819219	0,011	0,306
CHR4	28462394	CHR4:28462394	SSF x Near_LoA	-8,31291411	0,034	0,317
CHR4	28474858	CHR4:28474858	SSF x Near_LoA	-8,99020214	-0,049	0,303
CHR4	28474879	CHR4:28474879	SSF x Near_LoA	-7,48952918	-0,093	0,322
CHR4	28474881	CHR4:28474881	SSF x Near_LoA	-9,02257175	0,146	0,315
CHR4	28474882	CHR4:28474882	SSF x Near_LoA	-9,29398965	0,126	0,320
CHR4	28474884	CHR4:28474884	SSF x Near_LoA	-8,07923241	0,136	0,319
CHR4	28474910	CHR4:28474910	SSF x Near_LoA	-4,61447787	0,243	0,305
CHR4	28474914	CHR4:28474914	SSF x Near_LoA	-0,92129198	-0,199	0,304
CHR4	28474955	CHR4:28474955	SSF x Near_LoA	-3,55029073	-0,196	0,312
CHR4	28474998	CHR4:28474998	SSF x Near_LoA	-8,96357769	0,155	0,297

CHR4	28475082	CHR4:28475082	SSF x Near_LoA	-8,4419549	0,103	0,301
CHR4	28482131	CHR4:28482131	SSF x Near_LoA	-7,93088518	0,103	0,315
CHR4	28482241	CHR4:28482241	SSF x Near_LoA	-7,64543007	-0,068	0,308
CHR4	28482254	CHR4:28482254	SSF x Near_LoA	-9,12336948	0,065	0,301
CHR4	28489567	CHR4:28489567	SSF x Near_LoA	-5,17928629	0,152	0,300
CHR4	28489942	CHR4:28489942	SSF x Near_LoA	-10,3253585	0,008	0,314
CHR4	28490006	CHR4:28490006	SSF x Near_LoA	-10,6577004	-0,103	0,298
CHR4	28490024	CHR4:28490024	SSF x Near_LoA	-10,3256175	0,006	0,308
CHR4	28506630	CHR4:28506630	SSF x Near_LoA	-11,1556958	-0,109	0,300
CHR4	28506691	CHR4:28506691	SSF x Near_LoA	-8,5356662	-0,107	0,310
CHR4	28506703	CHR4:28506703	SSF x Near_LoA	-8,62454334	-0,035	0,303
CHR4	28506709	CHR4:28506709	SSF x Near_LoA	-8,76475203	-0,065	0,301
CHR4	28506735	CHR4:28506735	SSF x Near_LoA	-6,51613001	-0,125	0,303
CHR4	28510427	CHR4:28510427	SSF x Near_LoA	-8,78983674	-0,013	0,311
CHR4	28510452	CHR4:28510452	SSF x Near_LoA	-7,66437594	0,070	0,311
CHR4	28510473	CHR4:28510473	SSF x Near_LoA	-9,06086713	0,111	0,303
CHR4	28510479	CHR4:28510479	SSF x Near_LoA	-9,15607656	0,117	0,297
CHR4	28510487	CHR4:28510487	SSF x Near_LoA	-8,32038305	0,047	0,305
CHR4	28510545	CHR4:28510545	SSF x Near_LoA	-9,9257628	-0,042	0,308
CHR4	28513575	CHR4:28513575	SSF x Near_LoA	-10,9465392	0,058	0,294
CHR4	28513672	CHR4:28513672	SSF x Near_LoA	-8,90961396	0,092	0,296
CHR4	28513679	CHR4:28513679	SSF x Near_LoA	-6,45839803	0,076	0,302
CHR4	28513695	CHR4:28513695	SSF x Near_LoA	-10,5348775	0,102	0,282
CHR4	28513710	CHR4:28513710	SSF x Near_LoA	-10,5208825	0,076	0,295
CHR4	28513751	CHR4:28513751	SSF x Near_LoA	-10,175247	0,118	0,298
CHR4	28513773	CHR4:28513773	SSF x Near_LoA	-9,57200064	0,089	0,305
CHR4	28513813	CHR4:28513813	SSF x Near_LoA	-5,70140526	0,216	0,296
CHR4	28518783	CHR4:28518783	SSF x Near_LoA	-8,74951603	0,054	0,312
CHR4	28523420	CHR4:28523420	SSF x Near_LoA	-9,55150935	0,035	0,291
CHR4	28523431	CHR4:28523431	SSF x Near_LoA	-7,53107372	-0,133	0,309
CHR4	28523437	CHR4:28523437	SSF x Near_LoA	-9,41136539	0,002	0,314
CHR4	28523441	CHR4:28523441	SSF x Near_LoA	-9,46437204	-0,005	0,308
CHR4	28523472	CHR4:28523472	SSF x Near_LoA	-6,44458485	0,071	0,295
CHR4	28523481	CHR4:28523481	SSF x Near_LoA	-8,1752157	0,005	0,306
CHR4	28523500	CHR4:28523500	SSF x Near_LoA	-7,59777696	0,007	0,312
CHR4	28523504	CHR4:28523504	SSF x Near_LoA	-6,20583861	-0,035	0,309
CHR4	28523512	CHR4:28523512	SSF x Near_LoA	-9,15827186	-0,052	0,312
CHR4	28525140	CHR4:28525140	SSF x Near_LoA	-8,33243859	0,142	0,300
CHR4	2853399	CHR4:2853399	SSF x Near_LoA	-11,5749484	0,024	0,301
CHR4	28534918	CHR4:28534918	SSF x Near_LoA	-8,91325815	0,026	0,313
CHR4	28555648	CHR4:28555648	SSF x Near_LoA	-10,1947503	0,026	0,314
CHR4	28557377	CHR4:28557377	SSF x Near_LoA	-9,7807916	0,072	0,316
CHR4	28557387	CHR4:28557387	SSF x Near_LoA	-7,12231244	0,015	0,311
CHR4	28564710	CHR4:28564710	SSF x Near_LoA	-9,7507099	-0,055	0,314
CHR4	28564943	CHR4:28564943	SSF x Near_LoA	-7,35856008	-0,014	0,314
CHR4	28567122	CHR4:28567122	SSF x Near_LoA	-8,97896935	-0,045	0,303
CHR4	2858606	CHR4:2858606	SSF x Near_LoA	-10,1309482	0,053	0,320
CHR4	2859356	CHR4:2859356	SSF x Near_LoA	-8,08658253	0,014	0,310
CHR4	28596704	CHR4:28596704	SSF x Near_LoA	-10,1203961	-0,062	0,299
CHR4	28608398	CHR4:28608398	SSF x Near_LoA	-10,3228565	0,002	0,302
CHR4	28608477	CHR4:28608477	SSF x Near_LoA	-8,54575502	0,096	0,314
CHR4	28615843	CHR4:28615843	SSF x Near_LoA	-9,86862472	-0,063	0,319
CHR4	28621972	CHR4:28621972	SSF x Near_LoA	-7,13881972	-0,083	0,299

CHR4	28622031	CHR4:28622031	SSF x Near_LoA	-10,9239882	0,003	0,305
CHR4	28622043	CHR4:28622043	SSF x Near_LoA	-10,9643259	-0,038	0,318
CHR4	28622914	CHR4:28622914	SSF x Near_LoA	-8,40481613	0,045	0,310
CHR4	28626277	CHR4:28626277	SSF x Near_LoA	-6,6135993	0,041	0,312
CHR4	28626300	CHR4:28626300	SSF x Near_LoA	-10,0464174	-0,050	0,315
CHR4	28627259	CHR4:28627259	SSF x Near_LoA	-7,46287495	-0,128	0,303
CHR4	28639891	CHR4:28639891	SSF x Near_LoA	-9,22317296	0,075	0,304
CHR4	2864448	CHR4:2864448	SSF x Near_LoA	-7,02887481	0,008	0,322
CHR4	2864498	CHR4:2864498	SSF x Near_LoA	-9,19733036	-0,024	0,310
CHR4	28658749	CHR4:28658749	SSF x Near_LoA	-10,6401385	-0,115	0,303
CHR4	28662938	CHR4:28662938	SSF x Near_LoA	-9,15848116	-0,035	0,310
CHR4	28662958	CHR4:28662958	SSF x Near_LoA	-12,1885196	0,029	0,297
CHR4	28663154	CHR4:28663154	SSF x Near_LoA	-7,66044358	-0,187	0,289
CHR4	28663162	CHR4:28663162	SSF x Near_LoA	-5,04838063	0,124	0,286
CHR4	28663189	CHR4:28663189	SSF x Near_LoA	-10,4163595	0,035	0,310
CHR4	28667514	CHR4:28667514	SSF x Near_LoA	-8,95883578	0,015	0,305
CHR4	28667584	CHR4:28667584	SSF x Near_LoA	-11,7279378	0,078	0,326
CHR4	28667612	CHR4:28667612	SSF x Near_LoA	-9,98815982	0,087	0,317
CHR4	28680256	CHR4:28680256	SSF x Near_LoA	-9,86426096	0,042	0,313
CHR4	28687170	CHR4:28687170	SSF x Near_LoA	-11,3282351	-0,050	0,297
CHR4	28687225	CHR4:28687225	SSF x Near_LoA	-10,3925886	0,050	0,307
CHR4	28698019	CHR4:28698019	SSF x Near_LoA	-11,5880815	-0,043	0,307
CHR4	28698027	CHR4:28698027	SSF x Near_LoA	-8,44499882	0,107	0,306
CHR4	28698052	CHR4:28698052	SSF x Near_LoA	-6,53012137	0,082	0,320
CHR4	28698087	CHR4:28698087	SSF x Near_LoA	-7,20964802	0,070	0,308
CHR4	28698147	CHR4:28698147	SSF x Near_LoA	-10,9321305	0,046	0,315
CHR4	28700526	CHR4:28700526	SSF x Near_LoA	-11,0482342	-0,065	0,305
CHR4	28700528	CHR4:28700528	SSF x Near_LoA	-9,43179306	-0,027	0,305
CHR4	28700538	CHR4:28700538	SSF x Near_LoA	-8,19524498	-0,015	0,306
CHR4	28700549	CHR4:28700549	SSF x Near_LoA	-11,2556778	-0,075	0,305
CHR4	28706915	CHR4:28706915	SSF x Near_LoA	-9,22635421	0,013	0,301
CHR4	28706968	CHR4:28706968	SSF x Near_LoA	-9,16491612	0,010	0,289
CHR4	2871205	CHR4:2871205	SSF x Near_LoA	-10,795392	-0,031	0,318
CHR4	28723157	CHR4:28723157	SSF x Near_LoA	-11,0939625	-0,065	0,314
CHR4	28730882	CHR4:28730882	SSF x Near_LoA	-5,98704707	0,122	0,313
CHR4	28730892	CHR4:28730892	SSF x Near_LoA	-7,02048427	0,101	0,306
CHR4	28730895	CHR4:28730895	SSF x Near_LoA	-4,59984779	-0,079	0,305
CHR4	28730991	CHR4:28730991	SSF x Near_LoA	-10,2277654	-0,010	0,308
CHR4	28733093	CHR4:28733093	SSF x Near_LoA	-8,87925541	-0,011	0,309
CHR4	28733106	CHR4:28733106	SSF x Near_LoA	-8,71003922	-0,013	0,295
CHR4	28733140	CHR4:28733140	SSF x Near_LoA	-11,1338055	-0,007	0,314
CHR4	28733163	CHR4:28733163	SSF x Near_LoA	-12,0724182	-0,006	0,292
CHR4	28736167	CHR4:28736167	SSF x Near_LoA	-8,49678952	-0,073	0,319
CHR4	28736237	CHR4:28736237	SSF x Near_LoA	-9,82400689	-0,036	0,298
CHR4	28738190	CHR4:28738190	SSF x Near_LoA	-9,70614074	-0,055	0,312
CHR4	28738197	CHR4:28738197	SSF x Near_LoA	-8,01819067	0,121	0,298
CHR4	28738199	CHR4:28738199	SSF x Near_LoA	-9,02290887	-0,111	0,301
CHR4	28738201	CHR4:28738201	SSF x Near_LoA	-10,2915754	-0,067	0,314
CHR4	28738259	CHR4:28738259	SSF x Near_LoA	-9,65188934	0,134	0,290
CHR4	28740695	CHR4:28740695	SSF x Near_LoA	-11,9659829	-0,038	0,304
CHR4	28740739	CHR4:28740739	SSF x Near_LoA	-10,5558688	0,036	0,299
CHR4	28740808	CHR4:28740808	SSF x Near_LoA	-6,99206348	-0,020	0,307
CHR4	28743741	CHR4:28743741	SSF x Near_LoA	-9,15579583	0,029	0,301

CHR4	28743744	CHR4:28743744	SSF x Near_LoA	-10,0594233	0,008	0,306
CHR4	28743758	CHR4:28743758	SSF x Near_LoA	-6,09888863	0,000	0,321
CHR4	28754711	CHR4:28754711	SSF x Near_LoA	-7,7760557	0,043	0,313
CHR4	28754713	CHR4:28754713	SSF x Near_LoA	-8,53992968	0,048	0,299
CHR4	28754715	CHR4:28754715	SSF x Near_LoA	-8,87027165	0,034	0,299
CHR4	28754908	CHR4:28754908	SSF x Near_LoA	-7,99222377	-0,021	0,310
CHR4	28754932	CHR4:28754932	SSF x Near_LoA	-11,0702694	-0,021	0,297
CHR4	28767191	CHR4:28767191	SSF x Near_LoA	-7,59103963	0,159	0,314
CHR4	28767192	CHR4:28767192	SSF x Near_LoA	-8,72182088	0,167	0,310
CHR4	28767194	CHR4:28767194	SSF x Near_LoA	-10,3689948	-0,076	0,322
CHR4	28767301	CHR4:28767301	SSF x Near_LoA	-11,0219782	0,016	0,301
CHR4	28767376	CHR4:28767376	SSF x Near_LoA	-11,701683	0,024	0,312
CHR4	28767378	CHR4:28767378	SSF x Near_LoA	-10,5798215	0,080	0,300
CHR4	2877482	CHR4:2877482	SSF x Near_LoA	-9,03212139	0,174	0,289
CHR4	2877519	CHR4:2877519	SSF x Near_LoA	-7,35568539	-0,048	0,299
CHR4	28811886	CHR4:28811886	SSF x Near_LoA	-10,7886905	-0,027	0,311
CHR4	28811888	CHR4:28811888	SSF x Near_LoA	-3,77179494	-0,153	0,296
CHR4	28811965	CHR4:28811965	SSF x Near_LoA	-10,0600287	0,021	0,306
CHR4	28811988	CHR4:28811988	SSF x Near_LoA	-8,81572359	-0,036	0,326
CHR4	28817948	CHR4:28817948	SSF x Near_LoA	-9,65799476	-0,086	0,302
CHR4	28817967	CHR4:28817967	SSF x Near_LoA	-7,7434346	0,086	0,312
CHR4	28817976	CHR4:28817976	SSF x Near_LoA	-9,88041866	-0,010	0,290
CHR4	28826215	CHR4:28826215	SSF x Near_LoA	-9,32247576	-0,066	0,311
CHR4	28832933	CHR4:28832933	SSF x Near_LoA	-11,6121439	-0,026	0,311
CHR4	28832960	CHR4:28832960	SSF x Near_LoA	-11,5161074	-0,017	0,331
CHR4	28832966	CHR4:28832966	SSF x Near_LoA	-11,5257496	-0,004	0,311
CHR4	28832984	CHR4:28832984	SSF x Near_LoA	-10,4987272	0,005	0,312
CHR4	28834788	CHR4:28834788	SSF x Near_LoA	-10,5492858	-0,034	0,306
CHR4	28834869	CHR4:28834869	SSF x Near_LoA	-9,51899397	-0,028	0,305
CHR4	28835059	CHR4:28835059	SSF x Near_LoA	-8,07436933	-0,084	0,311
CHR4	28838611	CHR4:28838611	SSF x Near_LoA	-8,76026178	0,019	0,304
CHR4	28846034	CHR4:28846034	SSF x Near_LoA	-11,2517694	0,047	0,295
CHR4	28846065	CHR4:28846065	SSF x Near_LoA	-9,41120244	-0,044	0,319
CHR4	28846112	CHR4:28846112	SSF x Near_LoA	-9,95070588	-0,014	0,306
CHR4	28846127	CHR4:28846127	SSF x Near_LoA	-9,149296	0,035	0,314
CHR4	28847842	CHR4:28847842	SSF x Near_LoA	-7,11882253	0,080	0,312
CHR4	28847893	CHR4:28847893	SSF x Near_LoA	-9,80800779	0,040	0,308
CHR4	28850149	CHR4:28850149	SSF x Near_LoA	-8,23015534	0,197	0,290
CHR4	28850222	CHR4:28850222	SSF x Near_LoA	-10,1803035	0,114	0,300
CHR4	28856932	CHR4:28856932	SSF x Near_LoA	-4,91794674	0,069	0,310
CHR4	28856969	CHR4:28856969	SSF x Near_LoA	-7,43357752	-0,056	0,304
CHR4	28856984	CHR4:28856984	SSF x Near_LoA	-11,8751564	0,052	0,299
CHR4	28857057	CHR4:28857057	SSF x Near_LoA	-9,79864532	0,004	0,302
CHR4	28870125	CHR4:28870125	SSF x Near_LoA	-10,2215848	0,118	0,298
CHR4	28879496	CHR4:28879496	SSF x Near_LoA	-9,54430801	-0,008	0,318
CHR4	2888334	CHR4:2888334	SSF x Near_LoA	-8,8996335	0,027	0,297
CHR4	28900103	CHR4:28900103	SSF x Near_LoA	-8,90604418	0,072	0,308
CHR4	28943682	CHR4:28943682	SSF x Near_LoA	-9,07534354	0,094	0,305
CHR4	28943865	CHR4:28943865	SSF x Near_LoA	-10,003497	-0,022	0,302
CHR4	28945658	CHR4:28945658	SSF x Near_LoA	-8,37763037	-0,013	0,333
CHR4	28946760	CHR4:28946760	SSF x Near_LoA	-8,46632326	0,140	0,301
CHR4	28946767	CHR4:28946767	SSF x Near_LoA	-3,29894111	-0,073	0,296
CHR4	28946804	CHR4:28946804	SSF x Near_LoA	-10,0526027	0,071	0,300

CHR4	28946848	CHR4:28946848	SSF x Near_LoA	-11,0017224	0,052	0,291
CHR4	28946873	CHR4:28946873	SSF x Near_LoA	-9,60059877	-0,004	0,301
CHR4	28965507	CHR4:28965507	SSF x Near_LoA	-10,2343848	0,030	0,312
CHR4	28965579	CHR4:28965579	SSF x Near_LoA	-8,32349909	0,191	0,296
CHR4	28965594	CHR4:28965594	SSF x Near_LoA	-8,64151707	-0,015	0,309
CHR4	28965615	CHR4:28965615	SSF x Near_LoA	-6,4369528	0,006	0,309
CHR4	28967460	CHR4:28967460	SSF x Near_LoA	-10,3447455	-0,002	0,303
CHR4	28969312	CHR4:28969312	SSF x Near_LoA	-9,90307624	0,010	0,303
CHR4	28970261	CHR4:28970261	SSF x Near_LoA	-10,3006444	0,099	0,305
CHR4	28971771	CHR4:28971771	SSF x Near_LoA	-10,8404208	0,013	0,312
CHR4	28971811	CHR4:28971811	SSF x Near_LoA	-9,36391751	-0,065	0,305
CHR4	28971866	CHR4:28971866	SSF x Near_LoA	-9,64793304	0,088	0,294
CHR4	28989054	CHR4:28989054	SSF x Near_LoA	-8,67270049	0,002	0,309
CHR4	28989152	CHR4:28989152	SSF x Near_LoA	-11,9331535	0,011	0,312
CHR4	28989162	CHR4:28989162	SSF x Near_LoA	-7,20094547	-0,044	0,312
CHR4	28989179	CHR4:28989179	SSF x Near_LoA	-9,07796016	-0,077	0,305
CHR4	28989184	CHR4:28989184	SSF x Near_LoA	-8,70782628	0,024	0,304
CHR4	28989204	CHR4:28989204	SSF x Near_LoA	-8,60068667	-0,090	0,310
CHR4	28989214	CHR4:28989214	SSF x Near_LoA	-8,06831927	0,061	0,315
CHR4	28989226	CHR4:28989226	SSF x Near_LoA	-9,82831121	0,012	0,310
CHR4	28989243	CHR4:28989243	SSF x Near_LoA	-7,01256983	-0,026	0,315
CHR4	28995041	CHR4:28995041	SSF x Near_LoA	-9,14336875	0,048	0,307
CHR4	28995079	CHR4:28995079	SSF x Near_LoA	-10,3046832	-0,008	0,312
CHR4	28995170	CHR4:28995170	SSF x Near_LoA	-8,09867993	-0,007	0,313
CHR4	28995204	CHR4:28995204	SSF x Near_LoA	-5,12746206	-0,042	0,305
CHR4	28995228	CHR4:28995228	SSF x Near_LoA	-8,31487867	-0,060	0,311
CHR4	28995236	CHR4:28995236	SSF x Near_LoA	-9,17910839	0,002	0,294
CHR4	29007151	CHR4:29007151	SSF x Near_LoA	-8,84281065	-0,047	0,306
CHR4	2901038	CHR4:2901038	SSF x Near_LoA	-6,82980088	0,033	0,312
CHR4	2901054	CHR4:2901054	SSF x Near_LoA	-9,29260529	-0,016	0,294
CHR4	29012815	CHR4:29012815	SSF x Near_LoA	-8,75174722	-0,112	0,308
CHR4	29012821	CHR4:29012821	SSF x Near_LoA	-10,15805	0,022	0,323
CHR4	29012829	CHR4:29012829	SSF x Near_LoA	-9,82699849	-0,092	0,294
CHR4	29025213	CHR4:29025213	SSF x Near_LoA	-8,49044745	0,035	0,320
CHR4	29025236	CHR4:29025236	SSF x Near_LoA	-7,14664724	0,079	0,319
CHR4	29025324	CHR4:29025324	SSF x Near_LoA	-8,24889976	-0,046	0,319
CHR4	29025330	CHR4:29025330	SSF x Near_LoA	-10,8974176	0,047	0,309
CHR4	29026376	CHR4:29026376	SSF x Near_LoA	-9,67034499	0,011	0,302
CHR4	29026396	CHR4:29026396	SSF x Near_LoA	-8,44347394	-0,043	0,312
CHR4	29029177	CHR4:29029177	SSF x Near_LoA	-9,60886993	0,014	0,300
CHR4	29029241	CHR4:29029241	SSF x Near_LoA	-7,69991852	-0,113	0,309
CHR4	29029246	CHR4:29029246	SSF x Near_LoA	-8,84500579	0,090	0,313
CHR4	29029284	CHR4:29029284	SSF x Near_LoA	-7,53631258	-0,036	0,313
CHR4	29029317	CHR4:29029317	SSF x Near_LoA	-2,26217591	-0,039	0,310
CHR4	29029328	CHR4:29029328	SSF x Near_LoA	-9,05178112	-0,043	0,307
CHR4	29029336	CHR4:29029336	SSF x Near_LoA	-9,18616356	-0,037	0,306
CHR4	29029350	CHR4:29029350	SSF x Near_LoA	-9,28570125	0,006	0,306
CHR4	29031395	CHR4:29031395	SSF x Near_LoA	-5,99087659	0,144	0,297
CHR4	29033125	CHR4:29033125	SSF x Near_LoA	-10,2702428	-0,075	0,310
CHR4	29040555	CHR4:29040555	SSF x Near_LoA	-9,13607346	-0,016	0,304
CHR4	29040637	CHR4:29040637	SSF x Near_LoA	-8,0079476	-0,127	0,312
CHR4	29040652	CHR4:29040652	SSF x Near_LoA	-8,94130606	0,042	0,301
CHR4	29040804	CHR4:29040804	SSF x Near_LoA	-11,2393016	-0,006	0,294

CHR4	29044201	CHR4:29044201	SSF x Near_LoA	-3,62788658	0,108	0,320
CHR4	29053369	CHR4:29053369	SSF x Near_LoA	-10,1212466	-0,047	0,302
CHR4	29053410	CHR4:29053410	SSF x Near_LoA	-12,3740642	0,018	0,304
CHR4	29053411	CHR4:29053411	SSF x Near_LoA	-11,7653911	0,006	0,307
CHR4	29053521	CHR4:29053521	SSF x Near_LoA	-6,90095581	-0,068	0,317
CHR4	29062441	CHR4:29062441	SSF x Near_LoA	-9,6076537	-0,033	0,310
CHR4	29062493	CHR4:29062493	SSF x Near_LoA	-8,71905559	0,106	0,308
CHR4	29062555	CHR4:29062555	SSF x Near_LoA	-9,51966969	0,002	0,305
CHR4	29082658	CHR4:29082658	SSF x Near_LoA	-10,486825	0,026	0,304
CHR4	29093296	CHR4:29093296	SSF x Near_LoA	-11,159775	0,031	0,307
CHR4	29093567	CHR4:29093567	SSF x Near_LoA	-8,87648438	-0,059	0,305
CHR4	29096094	CHR4:29096094	SSF x Near_LoA	-9,46831138	-0,046	0,311
CHR4	29096124	CHR4:29096124	SSF x Near_LoA	-11,2236895	0,045	0,301
CHR4	29096128	CHR4:29096128	SSF x Near_LoA	-9,35959233	-0,058	0,305
CHR4	29096144	CHR4:29096144	SSF x Near_LoA	-11,5691219	-0,051	0,295
CHR4	29096165	CHR4:29096165	SSF x Near_LoA	-9,00795028	-0,071	0,309
CHR4	29096177	CHR4:29096177	SSF x Near_LoA	-6,8366735	-0,083	0,323
CHR4	29096255	CHR4:29096255	SSF x Near_LoA	-10,5398361	0,023	0,301
CHR4	29097574	CHR4:29097574	SSF x Near_LoA	-8,42584338	0,012	0,324
CHR4	29097577	CHR4:29097577	SSF x Near_LoA	-9,53681792	0,000	0,316
CHR4	29097640	CHR4:29097640	SSF x Near_LoA	-11,607606	-0,043	0,306
CHR4	29097667	CHR4:29097667	SSF x Near_LoA	-10,1263618	-0,007	0,299
CHR4	29097703	CHR4:29097703	SSF x Near_LoA	-7,55503534	-0,061	0,312
CHR4	29097828	CHR4:29097828	SSF x Near_LoA	-9,90250162	0,014	0,307
CHR4	29118550	CHR4:29118550	SSF x Near_LoA	-7,63919054	0,080	0,327
CHR4	29118607	CHR4:29118607	SSF x Near_LoA	-5,78121814	0,070	0,305
CHR4	29118654	CHR4:29118654	SSF x Near_LoA	-6,59493932	-0,083	0,306
CHR4	29118765	CHR4:29118765	SSF x Near_LoA	-8,52079238	-0,165	0,291
CHR4	29118766	CHR4:29118766	SSF x Near_LoA	-7,09093484	-0,167	0,296
CHR4	29121882	CHR4:29121882	SSF x Near_LoA	-11,1970012	-0,045	0,314
CHR4	29138485	CHR4:29138485	SSF x Near_LoA	-8,41297986	-0,194	0,320
CHR4	29138513	CHR4:29138513	SSF x Near_LoA	-10,9977064	0,004	0,303
CHR4	29144285	CHR4:29144285	SSF x Near_LoA	-8,1122878	0,027	0,306
CHR4	29155069	CHR4:29155069	SSF x Near_LoA	-8,00704804	0,070	0,311
CHR4	29155327	CHR4:29155327	SSF x Near_LoA	-9,74125438	0,005	0,300
CHR4	29160731	CHR4:29160731	SSF x Near_LoA	-10,0243428	-0,037	0,315
CHR4	29160753	CHR4:29160753	SSF x Near_LoA	-10,477334	0,069	0,313
CHR4	29160781	CHR4:29160781	SSF x Near_LoA	-9,03551029	0,018	0,314
CHR4	29161009	CHR4:29161009	SSF x Near_LoA	-8,69508941	-0,123	0,301
CHR4	29161010	CHR4:29161010	SSF x Near_LoA	-6,07334166	0,142	0,312
CHR4	29161081	CHR4:29161081	SSF x Near_LoA	-7,44408188	0,068	0,304
CHR4	29161090	CHR4:29161090	SSF x Near_LoA	-4,83884457	0,150	0,304
CHR4	29164245	CHR4:29164245	SSF x Near_LoA	-10,8070183	0,021	0,317
CHR4	29164266	CHR4:29164266	SSF x Near_LoA	-9,69808722	0,137	0,303
CHR4	29176035	CHR4:29176035	SSF x Near_LoA	-8,44519409	-0,138	0,313
CHR4	29181784	CHR4:29181784	SSF x Near_LoA	-9,53236153	-0,045	0,309
CHR4	29185952	CHR4:29185952	SSF x Near_LoA	-5,41723161	0,047	0,304
CHR4	29189218	CHR4:29189218	SSF x Near_LoA	-10,4159964	0,067	0,308
CHR4	29189297	CHR4:29189297	SSF x Near_LoA	-10,1545975	-0,046	0,307
CHR4	29189364	CHR4:29189364	SSF x Near_LoA	-7,08318075	0,177	0,295
CHR4	29190543	CHR4:29190543	SSF x Near_LoA	-9,67545114	0,083	0,305
CHR4	29190544	CHR4:29190544	SSF x Near_LoA	-9,52835472	0,101	0,291
CHR4	29190545	CHR4:29190545	SSF x Near_LoA	-7,65362077	0,073	0,294

CHR4	29190579	CHR4:29190579	SSF x Near_LoA	-9,34284195	0,107	0,291
CHR4	29190599	CHR4:29190599	SSF x Near_LoA	-5,84522226	0,035	0,327
CHR4	29190649	CHR4:29190649	SSF x Near_LoA	-11,1769568	0,110	0,294
CHR4	29190670	CHR4:29190670	SSF x Near_LoA	-3,75592655	0,142	0,306
CHR4	29190686	CHR4:29190686	SSF x Near_LoA	-8,61379744	-0,004	0,301
CHR4	29190688	CHR4:29190688	SSF x Near_LoA	-9,49198829	-0,084	0,300
CHR4	29190788	CHR4:29190788	SSF x Near_LoA	-12,5086118	-0,012	0,309
CHR4	29195555	CHR4:29195555	SSF x Near_LoA	-10,0377837	0,105	0,306
CHR4	29195574	CHR4:29195574	SSF x Near_LoA	-10,2173495	0,096	0,303
CHR4	29195624	CHR4:29195624	SSF x Near_LoA	-10,1255739	0,062	0,305
CHR4	29195645	CHR4:29195645	SSF x Near_LoA	-8,91024741	-0,005	0,312
CHR4	29195647	CHR4:29195647	SSF x Near_LoA	-9,55536535	-0,103	0,305
CHR4	29229381	CHR4:29229381	SSF x Near_LoA	-8,610919	0,010	0,312
CHR4	29229401	CHR4:29229401	SSF x Near_LoA	-7,9926488	-0,020	0,327
CHR4	29229420	CHR4:29229420	SSF x Near_LoA	-7,81213512	0,085	0,303
CHR4	29229461	CHR4:29229461	SSF x Near_LoA	-9,6278761	-0,011	0,296
CHR4	29229472	CHR4:29229472	SSF x Near_LoA	-5,89319321	-0,125	0,322
CHR4	29229530	CHR4:29229530	SSF x Near_LoA	-8,61039808	0,156	0,297
CHR4	29233342	CHR4:29233342	SSF x Near_LoA	-6,92389343	0,186	0,290
CHR4	29234918	CHR4:29234918	SSF x Near_LoA	-8,50741325	-0,124	0,309
CHR4	29234924	CHR4:29234924	SSF x Near_LoA	-8,30352439	-0,147	0,312
CHR4	29234925	CHR4:29234925	SSF x Near_LoA	-8,43848758	0,041	0,318
CHR4	29234954	CHR4:29234954	SSF x Near_LoA	-3,04196451	0,178	0,311
CHR4	29234998	CHR4:29234998	SSF x Near_LoA	-8,61560848	-0,014	0,311
CHR4	29235010	CHR4:29235010	SSF x Near_LoA	-4,51237727	-0,063	0,306
CHR4	29240648	CHR4:29240648	SSF x Near_LoA	-10,0691617	-0,051	0,307
CHR4	29240688	CHR4:29240688	SSF x Near_LoA	-9,54402145	-0,078	0,306
CHR4	29240719	CHR4:29240719	SSF x Near_LoA	-10,2892855	-0,023	0,299
CHR4	29245917	CHR4:29245917	SSF x Near_LoA	-8,33799376	-0,003	0,323
CHR4	29245936	CHR4:29245936	SSF x Near_LoA	-10,0400688	-0,124	0,312
CHR4	29247714	CHR4:29247714	SSF x Near_LoA	-5,69978287	0,142	0,293
CHR4	29251354	CHR4:29251354	SSF x Near_LoA	-7,39928199	-0,007	0,310
CHR4	29251419	CHR4:29251419	SSF x Near_LoA	-9,54195501	-0,059	0,308
CHR4	29251425	CHR4:29251425	SSF x Near_LoA	-9,77728298	-0,049	0,298
CHR4	29251480	CHR4:29251480	SSF x Near_LoA	-8,5397505	0,005	0,312
CHR4	29251506	CHR4:29251506	SSF x Near_LoA	-7,65604564	0,049	0,307
CHR4	29251524	CHR4:29251524	SSF x Near_LoA	-7,27555031	0,043	0,311
CHR4	29251582	CHR4:29251582	SSF x Near_LoA	-10,315791	-0,067	0,303
CHR4	29253670	CHR4:29253670	SSF x Near_LoA	-8,4757561	-0,062	0,321
CHR4	29253687	CHR4:29253687	SSF x Near_LoA	-7,57289668	0,136	0,291
CHR4	29253797	CHR4:29253797	SSF x Near_LoA	-9,01864332	0,024	0,308
CHR4	29258544	CHR4:29258544	SSF x Near_LoA	-8,1846755	0,097	0,299
CHR4	29259159	CHR4:29259159	SSF x Near_LoA	-8,79258024	0,073	0,311
CHR4	29266100	CHR4:29266100	SSF x Near_LoA	-8,38161312	0,098	0,309
CHR4	29266117	CHR4:29266117	SSF x Near_LoA	-9,1594935	-0,027	0,319
CHR4	29266123	CHR4:29266123	SSF x Near_LoA	-8,1558016	-0,029	0,315
CHR4	29272791	CHR4:29272791	SSF x Near_LoA	-9,17239466	0,017	0,314
CHR4	29272818	CHR4:29272818	SSF x Near_LoA	-9,80116546	-0,027	0,311
CHR4	29272984	CHR4:29272984	SSF x Near_LoA	-2,87660461	0,135	0,300
CHR4	29272994	CHR4:29272994	SSF x Near_LoA	-9,90174471	0,117	0,301
CHR4	29280856	CHR4:29280856	SSF x Near_LoA	-11,1245257	-0,036	0,294
CHR4	29280966	CHR4:29280966	SSF x Near_LoA	-11,0606517	-0,096	0,298
CHR4	29280981	CHR4:29280981	SSF x Near_LoA	-9,94811664	-0,035	0,296

CHR4	29281007	CHR4:29281007	SSF x Near_LoA	-10,049052	-0,021	0,294
CHR4	29281064	CHR4:29281064	SSF x Near_LoA	-11,9898492	0,017	0,302
CHR4	29281079	CHR4:29281079	SSF x Near_LoA	-11,5861182	0,036	0,296
CHR4	29286992	CHR4:29286992	SSF x Near_LoA	-10,6975679	0,025	0,312
CHR4	2928736	CHR4:2928736	SSF x Near_LoA	-8,61548614	-0,010	0,315
CHR4	2928737	CHR4:2928737	SSF x Near_LoA	-8,18684326	-0,010	0,314
CHR4	2928794	CHR4:2928794	SSF x Near_LoA	-7,73723522	-0,076	0,301
CHR4	29288341	CHR4:29288341	SSF x Near_LoA	-9,42241858	0,137	0,293
CHR4	29291945	CHR4:29291945	SSF x Near_LoA	-8,37799904	-0,050	0,304
CHR4	29291975	CHR4:29291975	SSF x Near_LoA	-11,0044408	0,080	0,310
CHR4	29298771	CHR4:29298771	SSF x Near_LoA	-10,8466484	0,066	0,301
CHR4	29298798	CHR4:29298798	SSF x Near_LoA	-9,77148151	-0,079	0,298
CHR4	29298877	CHR4:29298877	SSF x Near_LoA	-11,8815561	0,047	0,305
CHR4	29298899	CHR4:29298899	SSF x Near_LoA	-11,7288885	0,060	0,306
CHR4	29298942	CHR4:29298942	SSF x Near_LoA	-8,69482118	0,084	0,309
CHR4	29300547	CHR4:29300547	SSF x Near_LoA	-9,27001966	0,027	0,316
CHR4	29300690	CHR4:29300690	SSF x Near_LoA	-11,3226604	0,002	0,308
CHR4	29313022	CHR4:29313022	SSF x Near_LoA	-9,54518944	0,022	0,299
CHR4	29322018	CHR4:29322018	SSF x Near_LoA	-9,41332617	0,019	0,313
CHR4	29322128	CHR4:29322128	SSF x Near_LoA	-7,57177938	0,123	0,309
CHR4	29322129	CHR4:29322129	SSF x Near_LoA	0,57938922	0,104	0,314
CHR4	29328133	CHR4:29328133	SSF x Near_LoA	-8,48961195	-0,062	0,309
CHR4	29328231	CHR4:29328231	SSF x Near_LoA	-5,4404436	0,126	0,287
CHR4	29328443	CHR4:29328443	SSF x Near_LoA	-7,52087932	0,090	0,319
CHR4	29328459	CHR4:29328459	SSF x Near_LoA	-10,2101895	-0,119	0,285
CHR4	29328489	CHR4:29328489	SSF x Near_LoA	-8,69191334	-0,099	0,313
CHR4	29328502	CHR4:29328502	SSF x Near_LoA	-11,6726866	0,060	0,297
CHR4	29328542	CHR4:29328542	SSF x Near_LoA	-8,26393852	0,120	0,289
CHR4	29334911	CHR4:29334911	SSF x Near_LoA	-11,2423327	0,047	0,310
CHR4	29334959	CHR4:29334959	SSF x Near_LoA	-3,75190675	0,120	0,302
CHR4	29335041	CHR4:29335041	SSF x Near_LoA	-5,12500691	0,037	0,308
CHR4	29341456	CHR4:29341456	SSF x Near_LoA	-7,96002464	0,128	0,296
CHR4	29341658	CHR4:29341658	SSF x Near_LoA	-11,149059	0,006	0,312
CHR4	29341668	CHR4:29341668	SSF x Near_LoA	-10,6850908	-0,043	0,315
CHR4	29341672	CHR4:29341672	SSF x Near_LoA	-6,02315502	-0,073	0,323
CHR4	29341681	CHR4:29341681	SSF x Near_LoA	-9,22869243	0,077	0,303
CHR4	2934402	CHR4:2934402	SSF x Near_LoA	-9,16094937	-0,056	0,319
CHR4	2934416	CHR4:2934416	SSF x Near_LoA	-8,33085418	0,044	0,311
CHR4	29345173	CHR4:29345173	SSF x Near_LoA	-10,7209667	0,032	0,312
CHR4	29345272	CHR4:29345272	SSF x Near_LoA	-9,94749298	0,120	0,309
CHR4	29345346	CHR4:29345346	SSF x Near_LoA	-8,65176037	-0,128	0,293
CHR4	29345347	CHR4:29345347	SSF x Near_LoA	-7,13382852	0,154	0,291
CHR4	2934590	CHR4:2934590	SSF x Near_LoA	-9,93471996	-0,001	0,310
CHR4	29358426	CHR4:29358426	SSF x Near_LoA	-8,23163996	0,132	0,294
CHR4	29358450	CHR4:29358450	SSF x Near_LoA	-11,2717967	0,003	0,312
CHR4	29374304	CHR4:29374304	SSF x Near_LoA	-5,61865985	0,013	0,308
CHR4	29374373	CHR4:29374373	SSF x Near_LoA	-8,84262286	0,067	0,309
CHR4	29388626	CHR4:29388626	SSF x Near_LoA	-7,03685444	-0,060	0,317
CHR4	29388628	CHR4:29388628	SSF x Near_LoA	-9,01041884	-0,021	0,327
CHR4	29388644	CHR4:29388644	SSF x Near_LoA	-11,2864164	-0,043	0,314
CHR4	29388667	CHR4:29388667	SSF x Near_LoA	-7,03650266	-0,036	0,315
CHR4	29388760	CHR4:29388760	SSF x Near_LoA	-9,00759547	0,004	0,306
CHR4	29388776	CHR4:29388776	SSF x Near_LoA	-8,9991697	-0,026	0,300

CHR4	29401439	CHR4:29401439	SSF x Near_LoA	-8,89881484	0,100	0,294
CHR4	29401465	CHR4:29401465	SSF x Near_LoA	-4,61835956	-0,107	0,316
CHR4	29401497	CHR4:29401497	SSF x Near_LoA	-6,5137667	-0,099	0,300
CHR4	29401500	CHR4:29401500	SSF x Near_LoA	-10,532758	-0,051	0,309
CHR4	29406009	CHR4:29406009	SSF x Near_LoA	-9,49943363	0,052	0,300
CHR4	29407816	CHR4:29407816	SSF x Near_LoA	-3,85649324	-0,054	0,303
CHR4	29407899	CHR4:29407899	SSF x Near_LoA	-10,0139824	-0,019	0,313
CHR4	29407912	CHR4:29407912	SSF x Near_LoA	-9,96809333	0,083	0,322
CHR4	29411202	CHR4:29411202	SSF x Near_LoA	-11,730445	0,055	0,298
CHR4	2941404	CHR4:2941404	SSF x Near_LoA	-11,0232873	0,039	0,306
CHR4	29421129	CHR4:29421129	SSF x Near_LoA	-9,66062685	0,010	0,307
CHR4	29424212	CHR4:29424212	SSF x Near_LoA	-7,00628676	0,106	0,302
CHR4	29424243	CHR4:29424243	SSF x Near_LoA	-6,28092499	-0,133	0,312
CHR4	29435827	CHR4:29435827	SSF x Near_LoA	-9,0669742	-0,033	0,320
CHR4	29438031	CHR4:29438031	SSF x Near_LoA	-8,92882011	-0,027	0,306
CHR4	29438047	CHR4:29438047	SSF x Near_LoA	-9,49694251	-0,004	0,306
CHR4	29438095	CHR4:29438095	SSF x Near_LoA	-6,91022369	0,036	0,312
CHR4	29438131	CHR4:29438131	SSF x Near_LoA	-9,59672758	-0,118	0,303
CHR4	29452713	CHR4:29452713	SSF x Near_LoA	-9,61368309	-0,061	0,299
CHR4	29452801	CHR4:29452801	SSF x Near_LoA	-9,92168251	0,016	0,311
CHR4	29452848	CHR4:29452848	SSF x Near_LoA	-7,45606068	-0,007	0,310
CHR4	29455124	CHR4:29455124	SSF x Near_LoA	-10,2158641	0,020	0,306
CHR4	29455168	CHR4:29455168	SSF x Near_LoA	-8,14487568	-0,034	0,313
CHR4	29456279	CHR4:29456279	SSF x Near_LoA	-10,3046532	-0,036	0,305
CHR4	29456358	CHR4:29456358	SSF x Near_LoA	-11,0913118	0,051	0,299
CHR4	29460042	CHR4:29460042	SSF x Near_LoA	-10,1395294	0,104	0,305
CHR4	29460052	CHR4:29460052	SSF x Near_LoA	-9,26243554	0,024	0,308
CHR4	29460103	CHR4:29460103	SSF x Near_LoA	-11,0362376	-0,043	0,312
CHR4	29462774	CHR4:29462774	SSF x Near_LoA	-9,08204888	0,087	0,315
CHR4	29462810	CHR4:29462810	SSF x Near_LoA	-11,8732232	0,014	0,307
CHR4	29471982	CHR4:29471982	SSF x Near_LoA	-10,9644687	0,032	0,310
CHR4	29472207	CHR4:29472207	SSF x Near_LoA	-10,1893016	0,067	0,296
CHR4	29474992	CHR4:29474992	SSF x Near_LoA	-9,04910885	-0,086	0,305
CHR4	29475017	CHR4:29475017	SSF x Near_LoA	-9,95869097	-0,134	0,321
CHR4	29489623	CHR4:29489623	SSF x Near_LoA	-9,4646667	0,038	0,297
CHR4	29489624	CHR4:29489624	SSF x Near_LoA	-9,76529417	-0,030	0,303
CHR4	29489675	CHR4:29489675	SSF x Near_LoA	-8,62790953	0,054	0,311
CHR4	29494303	CHR4:29494303	SSF x Near_LoA	-7,986937	0,033	0,303
CHR4	29494379	CHR4:29494379	SSF x Near_LoA	-8,33509139	-0,100	0,297
CHR4	29494426	CHR4:29494426	SSF x Near_LoA	-8,85779345	-0,059	0,304
CHR4	29494436	CHR4:29494436	SSF x Near_LoA	-10,7747352	0,085	0,298
CHR4	29495804	CHR4:29495804	SSF x Near_LoA	-5,42677947	0,121	0,296
CHR4	29497683	CHR4:29497683	SSF x Near_LoA	-11,7677815	0,016	0,305
CHR4	29497689	CHR4:29497689	SSF x Near_LoA	-6,23280035	-0,025	0,301
CHR4	29497706	CHR4:29497706	SSF x Near_LoA	-4,50410268	0,192	0,297
CHR4	29497741	CHR4:29497741	SSF x Near_LoA	-11,5357885	-0,012	0,285
CHR4	29497838	CHR4:29497838	SSF x Near_LoA	-8,59354104	0,043	0,309
CHR4	3E+07	CHR4:29502076	SSF x Near_LoA	-9,7301561	0,067	0,315
CHR4	3E+07	CHR4:29502148	SSF x Near_LoA	-9,01563983	0,044	0,305
CHR4	3E+07	CHR4:29502156	SSF x Near_LoA	-6,58196468	0,206	0,289
CHR4	3E+07	CHR4:29502301	SSF x Near_LoA	2,30355345	-0,046	0,316
CHR4	3E+07	CHR4:29502319	SSF x Near_LoA	-8,66450281	0,018	0,309
CHR4	3E+07	CHR4:29508683	SSF x Near_LoA	-9,19535681	-0,028	0,317

CHR4	3E+07	CHR4:29511681	SSF x Near_LoA	-2,46926229	-0,070	0,310
CHR4	3E+07	CHR4:29511696	SSF x Near_LoA	-7,50152523	-0,027	0,320
CHR4	3E+07	CHR4:29511767	SSF x Near_LoA	-10,2132385	0,008	0,307
CHR4	3E+07	CHR4:29511782	SSF x Near_LoA	-8,10386143	0,094	0,290
CHR4	3E+07	CHR4:29517556	SSF x Near_LoA	-7,83465869	-0,121	0,301
CHR4	3E+07	CHR4:29517596	SSF x Near_LoA	-7,78896231	-0,049	0,311
CHR4	3E+07	CHR4:29517603	SSF x Near_LoA	-8,3050153	0,092	0,317
CHR4	3E+07	CHR4:29525968	SSF x Near_LoA	-9,61073083	-0,045	0,313
CHR4	3E+07	CHR4:29525990	SSF x Near_LoA	-9,65171878	0,033	0,291
CHR4	3E+07	CHR4:29531650	SSF x Near_LoA	-7,6888069	-0,023	0,304
CHR4	3E+07	CHR4:29534266	SSF x Near_LoA	-9,12844839	-0,024	0,314
CHR4	3E+07	CHR4:29534511	SSF x Near_LoA	-2,5066309	0,105	0,319
CHR4	3E+07	CHR4:29534532	SSF x Near_LoA	-7,54102192	0,103	0,306
CHR4	2953757	CHR4:2953757	SSF x Near_LoA	-8,89525082	-0,062	0,311
CHR4	2953961	CHR4:2953961	SSF x Near_LoA	-8,34492148	0,058	0,304
CHR4	3E+07	CHR4:29542571	SSF x Near_LoA	-11,8760853	0,069	0,302
CHR4	3E+07	CHR4:29542573	SSF x Near_LoA	-11,4623405	-0,039	0,310
CHR4	3E+07	CHR4:29542692	SSF x Near_LoA	-5,14964865	0,094	0,308
CHR4	3E+07	CHR4:29542764	SSF x Near_LoA	-7,72499332	-0,166	0,303
CHR4	3E+07	CHR4:29551558	SSF x Near_LoA	-3,04787365	-0,079	0,324
CHR4	3E+07	CHR4:29553326	SSF x Near_LoA	-9,50899284	0,072	0,320
CHR4	3E+07	CHR4:29553429	SSF x Near_LoA	-12,0462526	0,047	0,295
CHR4	3E+07	CHR4:29553462	SSF x Near_LoA	-9,09005035	-0,014	0,317
CHR4	3E+07	CHR4:29566535	SSF x Near_LoA	-10,5779122	0,021	0,303
CHR4	3E+07	CHR4:29569415	SSF x Near_LoA	-8,12533464	0,111	0,304
CHR4	3E+07	CHR4:29570477	SSF x Near_LoA	-8,30260871	-0,116	0,303
CHR4	3E+07	CHR4:29570479	SSF x Near_LoA	-4,737665	-0,170	0,300
CHR4	3E+07	CHR4:29570502	SSF x Near_LoA	-8,40269644	0,079	0,298
CHR4	3E+07	CHR4:29570518	SSF x Near_LoA	-11,3440125	-0,018	0,300
CHR4	3E+07	CHR4:29570564	SSF x Near_LoA	-8,00234325	0,069	0,312
CHR4	3E+07	CHR4:29572719	SSF x Near_LoA	-8,55694324	0,064	0,296
CHR4	3E+07	CHR4:29573802	SSF x Near_LoA	-11,4647496	-0,054	0,307
CHR4	3E+07	CHR4:29575996	SSF x Near_LoA	-8,21930103	0,050	0,321
CHR4	3E+07	CHR4:29576010	SSF x Near_LoA	-8,1391954	-0,028	0,316
CHR4	3E+07	CHR4:29576015	SSF x Near_LoA	-8,18060166	0,068	0,321
CHR4	3E+07	CHR4:29576112	SSF x Near_LoA	-8,12164053	0,166	0,305
CHR4	3E+07	CHR4:29576129	SSF x Near_LoA	-12,2360337	-0,030	0,300
CHR4	2958517	CHR4:2958517	SSF x Near_LoA	-9,40751274	-0,167	0,292
CHR4	3E+07	CHR4:29585344	SSF x Near_LoA	-10,0851768	0,133	0,306
CHR4	2958538	CHR4:2958538	SSF x Near_LoA	-9,50089917	0,033	0,301
CHR4	3E+07	CHR4:29585463	SSF x Near_LoA	-7,22456937	0,078	0,307
CHR4	3E+07	CHR4:29585506	SSF x Near_LoA	-7,91894749	0,147	0,303
CHR4	2958572	CHR4:2958572	SSF x Near_LoA	-8,37109128	-0,106	0,291
CHR4	3E+07	CHR4:29593741	SSF x Near_LoA	-5,39222284	-0,119	0,309
CHR4	3E+07	CHR4:29593830	SSF x Near_LoA	-9,84579658	0,033	0,301
CHR4	3E+07	CHR4:29593935	SSF x Near_LoA	-9,29495718	0,053	0,307
CHR4	3E+07	CHR4:29594010	SSF x Near_LoA	-10,2167022	-0,026	0,306
CHR4	3E+07	CHR4:29607575	SSF x Near_LoA	-7,95542346	0,017	0,312
CHR4	3E+07	CHR4:29607576	SSF x Near_LoA	-11,7440083	0,000	0,303
CHR4	3E+07	CHR4:29607586	SSF x Near_LoA	-10,9488928	-0,005	0,316
CHR4	3E+07	CHR4:29612656	SSF x Near_LoA	-9,75009924	0,084	0,301
CHR4	3E+07	CHR4:29615229	SSF x Near_LoA	-10,3081566	-0,017	0,303
CHR4	3E+07	CHR4:29615357	SSF x Near_LoA	-10,1985451	-0,038	0,303

CHR4	3E+07	CHR4:29622740	SSF x Near_LoA	-11,2513592	0,006	0,300
CHR4	3E+07	CHR4:29622825	SSF x Near_LoA	-10,3548094	-0,004	0,300
CHR4	3E+07	CHR4:29622903	SSF x Near_LoA	-11,6124374	-0,018	0,302
CHR4	3E+07	CHR4:29622936	SSF x Near_LoA	-10,9392384	0,020	0,307
CHR4	3E+07	CHR4:29622946	SSF x Near_LoA	-11,5956113	-0,047	0,296
CHR4	3E+07	CHR4:29629952	SSF x Near_LoA	-10,2153125	0,010	0,312
CHR4	3E+07	CHR4:29643611	SSF x Near_LoA	-8,10538143	0,035	0,294
CHR4	3E+07	CHR4:29643651	SSF x Near_LoA	-8,39510115	0,106	0,318
CHR4	3E+07	CHR4:29648175	SSF x Near_LoA	-9,7846202	-0,102	0,314
CHR4	3E+07	CHR4:29648480	SSF x Near_LoA	-7,58130495	0,126	0,293
CHR4	3E+07	CHR4:29648503	SSF x Near_LoA	-10,0610581	-0,003	0,305
CHR4	3E+07	CHR4:29648568	SSF x Near_LoA	-10,5453952	-0,041	0,305
CHR4	3E+07	CHR4:29648579	SSF x Near_LoA	-8,89939437	0,021	0,306
CHR4	3E+07	CHR4:29653321	SSF x Near_LoA	-11,5058588	0,067	0,297
CHR4	3E+07	CHR4:29653357	SSF x Near_LoA	-9,4243202	0,004	0,303
CHR4	3E+07	CHR4:29653376	SSF x Near_LoA	-9,19144045	-0,080	0,299
CHR4	3E+07	CHR4:29653448	SSF x Near_LoA	-9,21972182	-0,091	0,306
CHR4	3E+07	CHR4:29653501	SSF x Near_LoA	-7,99574324	-0,049	0,301
CHR4	3E+07	CHR4:29653527	SSF x Near_LoA	-8,2981417	-0,110	0,299
CHR4	3E+07	CHR4:29655093	SSF x Near_LoA	-8,24300198	-0,138	0,309
CHR4	3E+07	CHR4:29655233	SSF x Near_LoA	-12,0082057	-0,039	0,292
CHR4	3E+07	CHR4:29655234	SSF x Near_LoA	-11,1050302	-0,028	0,313
CHR4	3E+07	CHR4:29663148	SSF x Near_LoA	-9,89467453	0,104	0,312
CHR4	3E+07	CHR4:29672376	SSF x Near_LoA	-8,27059127	0,043	0,316
CHR4	3E+07	CHR4:29672394	SSF x Near_LoA	-9,37734239	0,044	0,307
CHR4	3E+07	CHR4:29672444	SSF x Near_LoA	-5,22304191	-0,150	0,301
CHR4	3E+07	CHR4:29672500	SSF x Near_LoA	-9,2389689	-0,158	0,300
CHR4	3E+07	CHR4:29673252	SSF x Near_LoA	-11,1949096	-0,041	0,293
CHR4	3E+07	CHR4:29674670	SSF x Near_LoA	-10,4792901	0,045	0,309
CHR4	3E+07	CHR4:29674799	SSF x Near_LoA	-8,89876372	-0,097	0,316
CHR4	3E+07	CHR4:29675683	SSF x Near_LoA	-10,8348209	-0,006	0,311
CHR4	3E+07	CHR4:29675712	SSF x Near_LoA	-10,680786	-0,071	0,308
CHR4	3E+07	CHR4:29675822	SSF x Near_LoA	-9,53758531	0,017	0,315
CHR4	3E+07	CHR4:29675924	SSF x Near_LoA	-9,21709232	-0,012	0,308
CHR4	3E+07	CHR4:29682817	SSF x Near_LoA	-11,7730487	-0,021	0,309
CHR4	3E+07	CHR4:29682829	SSF x Near_LoA	-6,24918459	0,121	0,305
CHR4	3E+07	CHR4:29683501	SSF x Near_LoA	-12,0238985	-0,005	0,304
CHR4	3E+07	CHR4:29683729	SSF x Near_LoA	-9,82269476	-0,097	0,310
CHR4	3E+07	CHR4:29688953	SSF x Near_LoA	-11,1252421	-0,040	0,297
CHR4	3E+07	CHR4:29688973	SSF x Near_LoA	-10,0841799	0,099	0,319
CHR4	3E+07	CHR4:29689043	SSF x Near_LoA	-6,76637514	0,194	0,313
CHR4	3E+07	CHR4:29689061	SSF x Near_LoA	-7,52393438	-0,038	0,308
CHR4	3E+07	CHR4:29694075	SSF x Near_LoA	-7,65281605	-0,102	0,288
CHR4	3E+07	CHR4:29694134	SSF x Near_LoA	-9,64866884	0,000	0,314
CHR4	3E+07	CHR4:29694136	SSF x Near_LoA	-10,6991608	-0,012	0,315
CHR4	3E+07	CHR4:29694150	SSF x Near_LoA	-9,646579	0,022	0,307
CHR4	3E+07	CHR4:29694395	SSF x Near_LoA	-2,88901044	0,009	0,322
CHR4	3E+07	CHR4:29699954	SSF x Near_LoA	-10,4771603	0,010	0,309
CHR4	3E+07	CHR4:29700107	SSF x Near_LoA	-10,8985617	0,014	0,303
CHR4	3E+07	CHR4:29706773	SSF x Near_LoA	-11,8985112	-0,073	0,299
CHR4	3E+07	CHR4:29706774	SSF x Near_LoA	-10,6419566	-0,081	0,322
CHR4	3E+07	CHR4:29706776	SSF x Near_LoA	-11,1428339	-0,081	0,313
CHR4	3E+07	CHR4:29706894	SSF x Near_LoA	-8,07155671	-0,085	0,302

CHR4	3E+07	CHR4:29706912	SSF x Near_LoA	-7,80790618	-0,080	0,304
CHR4	3E+07	CHR4:29706922	SSF x Near_LoA	-10,5003314	-0,021	0,308
CHR4	3E+07	CHR4:29706957	SSF x Near_LoA	-9,10912858	0,080	0,317
CHR4	3E+07	CHR4:29707089	SSF x Near_LoA	-8,91493725	0,045	0,309
CHR4	3E+07	CHR4:29715188	SSF x Near_LoA	-8,50766377	-0,065	0,306
CHR4	3E+07	CHR4:29715238	SSF x Near_LoA	-8,91511095	-0,061	0,315
CHR4	3E+07	CHR4:29715250	SSF x Near_LoA	-9,06989193	0,101	0,312
CHR4	3E+07	CHR4:29715262	SSF x Near_LoA	-8,38916692	0,099	0,317
CHR4	3E+07	CHR4:29717450	SSF x Near_LoA	-9,96373539	-0,094	0,302
CHR4	3E+07	CHR4:29717608	SSF x Near_LoA	-9,73563255	0,058	0,299
CHR4	3E+07	CHR4:29717632	SSF x Near_LoA	-11,1597343	0,001	0,305
CHR4	3E+07	CHR4:29721337	SSF x Near_LoA	-11,3276268	-0,056	0,303
CHR4	3E+07	CHR4:29721426	SSF x Near_LoA	-7,14336375	0,044	0,303
CHR4	3E+07	CHR4:29721443	SSF x Near_LoA	-2,45327184	-0,144	0,286
CHR4	3E+07	CHR4:29721470	SSF x Near_LoA	-9,14115793	-0,062	0,311
CHR4	3E+07	CHR4:29730640	SSF x Near_LoA	-9,85565107	-0,015	0,315
CHR4	3E+07	CHR4:29734123	SSF x Near_LoA	-8,52574392	-0,132	0,301
CHR4	3E+07	CHR4:29734152	SSF x Near_LoA	-9,16048145	0,008	0,304
CHR4	3E+07	CHR4:29734153	SSF x Near_LoA	-4,86257065	0,063	0,313
CHR4	3E+07	CHR4:29747931	SSF x Near_LoA	-6,73134897	-0,154	0,304
CHR4	3E+07	CHR4:29747995	SSF x Near_LoA	-7,32786512	0,175	0,300
CHR4	3E+07	CHR4:29754987	SSF x Near_LoA	-7,10392129	-0,074	0,301
CHR4	3E+07	CHR4:29755000	SSF x Near_LoA	-9,57657751	-0,068	0,306
CHR4	3E+07	CHR4:29755074	SSF x Near_LoA	-6,67886817	0,011	0,309
CHR4	3E+07	CHR4:29755108	SSF x Near_LoA	-8,46724489	-0,123	0,295
CHR4	3E+07	CHR4:29755120	SSF x Near_LoA	-7,01327635	-0,036	0,313
CHR4	3E+07	CHR4:29759929	SSF x Near_LoA	-9,72058019	-0,065	0,315
CHR4	3E+07	CHR4:29760038	SSF x Near_LoA	-5,28275014	-0,048	0,308
CHR4	3E+07	CHR4:29760150	SSF x Near_LoA	-9,61444824	0,026	0,314
CHR4	3E+07	CHR4:29760193	SSF x Near_LoA	-11,5698924	0,031	0,305
CHR4	3E+07	CHR4:29760376	SSF x Near_LoA	-9,97104673	-0,082	0,302
CHR4	3E+07	CHR4:29766356	SSF x Near_LoA	-8,78349383	-0,037	0,288
CHR4	3E+07	CHR4:29766442	SSF x Near_LoA	-8,66223428	0,068	0,301
CHR4	3E+07	CHR4:29766592	SSF x Near_LoA	-10,1069928	-0,138	0,309
CHR4	3E+07	CHR4:29766598	SSF x Near_LoA	-8,68914431	-0,130	0,296
CHR4	3E+07	CHR4:29766605	SSF x Near_LoA	-8,3381844	0,049	0,301
CHR4	3E+07	CHR4:29766616	SSF x Near_LoA	-4,98542775	-0,050	0,320
CHR4	3E+07	CHR4:29781112	SSF x Near_LoA	-6,86582857	-0,095	0,311
CHR4	3E+07	CHR4:29781247	SSF x Near_LoA	-7,83890237	0,147	0,305
CHR4	3E+07	CHR4:29790134	SSF x Near_LoA	-9,6970628	0,136	0,306
CHR4	3E+07	CHR4:29798833	SSF x Near_LoA	-10,5662472	0,101	0,298
CHR4	3E+07	CHR4:29798914	SSF x Near_LoA	-10,4587843	0,044	0,312
CHR4	3E+07	CHR4:29798924	SSF x Near_LoA	-8,18738444	0,130	0,292
CHR4	3E+07	CHR4:29798937	SSF x Near_LoA	-8,81609495	-0,004	0,309
CHR4	3E+07	CHR4:29800141	SSF x Near_LoA	-10,9084979	0,067	0,318
CHR4	3E+07	CHR4:29800155	SSF x Near_LoA	-9,52763662	-0,011	0,315
CHR4	3E+07	CHR4:29800209	SSF x Near_LoA	-9,71989465	0,061	0,309
CHR4	3E+07	CHR4:29800220	SSF x Near_LoA	-8,27625734	0,025	0,291
CHR4	3E+07	CHR4:29800221	SSF x Near_LoA	-7,71590442	0,067	0,302
CHR4	3E+07	CHR4:29800280	SSF x Near_LoA	-8,87323083	-0,011	0,316
CHR4	3E+07	CHR4:29800311	SSF x Near_LoA	-8,399862	-0,003	0,304
CHR4	3E+07	CHR4:29800337	SSF x Near_LoA	-10,661854	-0,040	0,308
CHR4	3E+07	CHR4:29800348	SSF x Near_LoA	-10,0306201	0,009	0,335

CHR4	3E+07	CHR4:29805580	SSF x Near_LoA	-6,01978215	-0,116	0,306
CHR4	2980865	CHR4:2980865	SSF x Near_LoA	-8,99667683	0,044	0,298
CHR4	3E+07	CHR4:29815182	SSF x Near_LoA	-11,6770925	0,091	0,286
CHR4	3E+07	CHR4:29816503	SSF x Near_LoA	-8,35475422	0,103	0,311
CHR4	3E+07	CHR4:29816504	SSF x Near_LoA	-11,3296225	-0,003	0,298
CHR4	3E+07	CHR4:29816554	SSF x Near_LoA	-1,76028921	0,102	0,303
CHR4	3E+07	CHR4:29821408	SSF x Near_LoA	-9,13337571	0,045	0,306
CHR4	3E+07	CHR4:29824449	SSF x Near_LoA	-6,22211362	-0,003	0,314
CHR4	3E+07	CHR4:29829451	SSF x Near_LoA	-3,52139378	-0,037	0,314
CHR4	3E+07	CHR4:29839047	SSF x Near_LoA	-10,657524	-0,007	0,309
CHR4	3E+07	CHR4:29839181	SSF x Near_LoA	-10,7062504	-0,072	0,308
CHR4	2984553	CHR4:2984553	SSF x Near_LoA	-11,3889964	-0,066	0,315
CHR4	3E+07	CHR4:29845701	SSF x Near_LoA	-7,34472161	-0,064	0,299
CHR4	2984617	CHR4:2984617	SSF x Near_LoA	-8,60056624	0,004	0,310
CHR4	2984655	CHR4:2984655	SSF x Near_LoA	-9,94912418	0,118	0,295
CHR4	2984669	CHR4:2984669	SSF x Near_LoA	-9,65277606	-0,079	0,308
CHR4	2984670	CHR4:2984670	SSF x Near_LoA	-8,32029549	0,038	0,308
CHR4	2984680	CHR4:2984680	SSF x Near_LoA	-10,7872991	-0,038	0,323
CHR4	3E+07	CHR4:29851018	SSF x Near_LoA	-6,77122118	-0,084	0,291
CHR4	3E+07	CHR4:29851025	SSF x Near_LoA	-6,82373115	0,119	0,305
CHR4	3E+07	CHR4:29851195	SSF x Near_LoA	-1,48026109	-0,108	0,316
CHR4	3E+07	CHR4:29852961	SSF x Near_LoA	-9,41376255	0,071	0,305
CHR4	3E+07	CHR4:29853004	SSF x Near_LoA	-9,83301119	-0,057	0,307
CHR4	3E+07	CHR4:29853015	SSF x Near_LoA	-10,2391728	-0,068	0,305
CHR4	3E+07	CHR4:29853018	SSF x Near_LoA	-11,1311333	-0,048	0,289
CHR4	3E+07	CHR4:29853027	SSF x Near_LoA	-9,72976617	-0,019	0,307
CHR4	3E+07	CHR4:29853036	SSF x Near_LoA	-9,04452511	-0,014	0,303
CHR4	3E+07	CHR4:29853038	SSF x Near_LoA	-8,82867013	-0,052	0,320
CHR4	3E+07	CHR4:29853039	SSF x Near_LoA	-9,12902541	-0,033	0,311
CHR4	2985304	CHR4:2985304	SSF x Near_LoA	-7,07530402	-0,098	0,287
CHR4	3E+07	CHR4:29853044	SSF x Near_LoA	-10,0101037	0,031	0,323
CHR4	2985336	CHR4:2985336	SSF x Near_LoA	-7,42464996	-0,030	0,310
CHR4	3E+07	CHR4:29861907	SSF x Near_LoA	-4,11922716	-0,119	0,289
CHR4	3E+07	CHR4:29861932	SSF x Near_LoA	-10,1808205	0,082	0,286
CHR4	3E+07	CHR4:29862069	SSF x Near_LoA	-10,827592	0,076	0,282
CHR4	3E+07	CHR4:29864988	SSF x Near_LoA	-11,9086047	0,056	0,301
CHR4	3E+07	CHR4:29865039	SSF x Near_LoA	-11,6335397	-0,023	0,313
CHR4	3E+07	CHR4:29865082	SSF x Near_LoA	-0,22416943	0,150	0,303
CHR4	3E+07	CHR4:29872924	SSF x Near_LoA	-9,96147708	-0,035	0,314
CHR4	3E+07	CHR4:29872980	SSF x Near_LoA	-8,91705542	-0,020	0,304
CHR4	3E+07	CHR4:29872993	SSF x Near_LoA	-7,59261384	-0,036	0,311
CHR4	3E+07	CHR4:29873005	SSF x Near_LoA	-8,89405565	-0,133	0,320
CHR4	3E+07	CHR4:29873015	SSF x Near_LoA	-0,83055299	0,019	0,302
CHR4	3E+07	CHR4:29873018	SSF x Near_LoA	-7,18613176	0,053	0,318
CHR4	3E+07	CHR4:29873239	SSF x Near_LoA	-8,77366823	0,039	0,313
CHR4	3E+07	CHR4:29873253	SSF x Near_LoA	2,65588302	0,014	0,318
CHR4	3E+07	CHR4:29876492	SSF x Near_LoA	-8,80214181	0,113	0,303
CHR4	3E+07	CHR4:29876501	SSF x Near_LoA	-11,376764	-0,055	0,316
CHR4	3E+07	CHR4:29878380	SSF x Near_LoA	-9,7398824	0,021	0,308
CHR4	3E+07	CHR4:29878383	SSF x Near_LoA	-8,83281251	-0,091	0,303
CHR4	3E+07	CHR4:29878461	SSF x Near_LoA	-9,79588122	-0,151	0,303
CHR4	3E+07	CHR4:29878463	SSF x Near_LoA	-1,04584053	-0,052	0,321
CHR4	3E+07	CHR4:29878468	SSF x Near_LoA	-8,43428472	-0,098	0,319

CHR4	3E+07	CHR4:29878475	SSF x Near_LoA	-10,016002	0,108	0,300
CHR4	3E+07	CHR4:29879596	SSF x Near_LoA	-10,9498541	-0,033	0,309
CHR4	3E+07	CHR4:29879848	SSF x Near_LoA	-10,6514827	-0,039	0,315
CHR4	3E+07	CHR4:29884745	SSF x Near_LoA	-8,02758194	0,143	0,307
CHR4	3E+07	CHR4:29890090	SSF x Near_LoA	-10,1932204	-0,038	0,318
CHR4	3E+07	CHR4:29890651	SSF x Near_LoA	-5,13285666	0,164	0,296
CHR4	3E+07	CHR4:29890657	SSF x Near_LoA	-11,8149519	-0,039	0,294
CHR4	3E+07	CHR4:29890679	SSF x Near_LoA	-9,50656204	-0,119	0,309
CHR4	3E+07	CHR4:29890699	SSF x Near_LoA	-10,1228091	0,088	0,303
CHR4	3E+07	CHR4:29890753	SSF x Near_LoA	-8,69116649	-0,020	0,316
CHR4	3E+07	CHR4:29892739	SSF x Near_LoA	-9,23104562	-0,007	0,298
CHR4	3E+07	CHR4:29896455	SSF x Near_LoA	-10,8472005	-0,022	0,313
CHR4	3E+07	CHR4:29896496	SSF x Near_LoA	-8,01120995	0,071	0,312
CHR4	3E+07	CHR4:29896570	SSF x Near_LoA	-3,7888947	0,228	0,291
CHR4	3E+07	CHR4:29896636	SSF x Near_LoA	-9,55342385	-0,066	0,321
CHR4	3E+07	CHR4:29902969	SSF x Near_LoA	-4,04396832	-0,077	0,301
CHR4	3E+07	CHR4:29903125	SSF x Near_LoA	-10,990573	0,063	0,300
CHR4	3E+07	CHR4:29903145	SSF x Near_LoA	-7,88332616	0,064	0,300
CHR4	3E+07	CHR4:29904218	SSF x Near_LoA	-10,2154798	-0,067	0,302
CHR4	3E+07	CHR4:29923539	SSF x Near_LoA	-11,6521329	-0,005	0,313
CHR4	3E+07	CHR4:29942883	SSF x Near_LoA	-11,4913847	-0,014	0,306
CHR4	3E+07	CHR4:29946991	SSF x Near_LoA	-5,74446772	-0,077	0,310
CHR4	3E+07	CHR4:29948203	SSF x Near_LoA	-9,82931406	-0,038	0,317
CHR4	2995728	CHR4:2995728	SSF x Near_LoA	-10,3930975	0,030	0,310
CHR4	3E+07	CHR4:29959352	SSF x Near_LoA	-6,62496804	-0,041	0,327
CHR4	3E+07	CHR4:29959353	SSF x Near_LoA	-8,62652337	-0,035	0,303
CHR4	3E+07	CHR4:29959362	SSF x Near_LoA	-8,3001207	0,053	0,304
CHR4	2996752	CHR4:2996752	SSF x Near_LoA	-8,0150967	-0,067	0,299
CHR4	2996759	CHR4:2996759	SSF x Near_LoA	-8,92339135	-0,036	0,301
CHR4	2996786	CHR4:2996786	SSF x Near_LoA	-10,3280065	0,005	0,296
CHR4	2996787	CHR4:2996787	SSF x Near_LoA	-6,91687044	0,027	0,318
CHR4	2996789	CHR4:2996789	SSF x Near_LoA	-8,20875046	0,010	0,304
CHR4	2996794	CHR4:2996794	SSF x Near_LoA	-8,84585045	-0,008	0,311
CHR4	3E+07	CHR4:29971283	SSF x Near_LoA	-6,03416019	0,023	0,316
CHR4	3E+07	CHR4:29973775	SSF x Near_LoA	-10,6031807	-0,073	0,318
CHR4	3E+07	CHR4:29973894	SSF x Near_LoA	-7,72881438	-0,070	0,303
CHR4	3E+07	CHR4:29978371	SSF x Near_LoA	-8,41671603	0,022	0,307
CHR4	2998457	CHR4:2998457	SSF x Near_LoA	-9,17997935	0,142	0,298
CHR4	2998547	CHR4:2998547	SSF x Near_LoA	-10,716948	0,045	0,305
CHR4	2998575	CHR4:2998575	SSF x Near_LoA	-9,00313935	-0,095	0,305
CHR4	3E+07	CHR4:29988557	SSF x Near_LoA	-7,37654759	0,016	0,316
CHR4	3E+07	CHR4:29988655	SSF x Near_LoA	-8,53269109	-0,103	0,300
CHR4	3E+07	CHR4:29991368	SSF x Near_LoA	-7,96815837	0,084	0,303
CHR4	3E+07	CHR4:29994065	SSF x Near_LoA	-11,1906441	0,038	0,296
CHR4	3E+07	CHR4:30001858	SSF x Near_LoA	-8,65016397	-0,045	0,309
CHR4	3E+07	CHR4:30010770	SSF x Near_LoA	-10,0839848	0,066	0,306
CHR4	3E+07	CHR4:30010911	SSF x Near_LoA	-5,43019545	0,148	0,289
CHR4	3E+07	CHR4:30025966	SSF x Near_LoA	-10,5940396	0,005	0,314
CHR4	3E+07	CHR4:30026052	SSF x Near_LoA	-7,79178276	0,050	0,308
CHR4	3E+07	CHR4:30029838	SSF x Near_LoA	-7,9757499	-0,037	0,315
CHR4	3E+07	CHR4:30029864	SSF x Near_LoA	-10,7411746	-0,012	0,305
CHR4	3E+07	CHR4:30030001	SSF x Near_LoA	-10,3407021	-0,103	0,277
CHR4	3E+07	CHR4:30030129	SSF x Near_LoA	-12,0638721	0,103	0,295

CHR4	3E+07	CHR4:30034566	SSF x Near_LoA	-7,96626235	0,043	0,315
CHR4	3E+07	CHR4:30034590	SSF x Near_LoA	-10,1438249	0,026	0,308
CHR4	3E+07	CHR4:30034636	SSF x Near_LoA	-7,31931609	0,136	0,316
CHR4	3E+07	CHR4:30034663	SSF x Near_LoA	-10,4220719	-0,086	0,311
CHR4	3E+07	CHR4:30034691	SSF x Near_LoA	-8,394245	-0,007	0,304
CHR4	3E+07	CHR4:30034756	SSF x Near_LoA	-9,22311819	-0,036	0,311
CHR4	3E+07	CHR4:30035813	SSF x Near_LoA	-10,7812997	0,064	0,312
CHR4	3E+07	CHR4:30043473	SSF x Near_LoA	-6,93296279	-0,024	0,305
CHR4	3E+07	CHR4:30043568	SSF x Near_LoA	-8,29935872	-0,044	0,312
CHR4	3E+07	CHR4:30043631	SSF x Near_LoA	-10,2972759	0,032	0,301
CHR4	3E+07	CHR4:30043711	SSF x Near_LoA	-8,90678655	0,018	0,324
CHR4	3E+07	CHR4:30043765	SSF x Near_LoA	-9,58030496	0,116	0,309
CHR4	3E+07	CHR4:30043772	SSF x Near_LoA	-2,27201977	-0,069	0,320
CHR4	3E+07	CHR4:30043816	SSF x Near_LoA	-11,8970193	0,027	0,303
CHR4	3E+07	CHR4:30046259	SSF x Near_LoA	-9,80774939	0,096	0,312
CHR4	3E+07	CHR4:30046435	SSF x Near_LoA	-9,98714804	-0,002	0,315
CHR4	3E+07	CHR4:30046440	SSF x Near_LoA	-8,29523097	-0,004	0,305
CHR4	3E+07	CHR4:30046443	SSF x Near_LoA	-10,0954213	-0,006	0,314
CHR4	3E+07	CHR4:30046446	SSF x Near_LoA	-9,99120924	0,024	0,312
CHR4	3E+07	CHR4:30046447	SSF x Near_LoA	-7,34967522	0,076	0,299
CHR4	3E+07	CHR4:30049394	SSF x Near_LoA	-10,3801751	0,054	0,302
CHR4	3E+07	CHR4:30049401	SSF x Near_LoA	-3,95443773	-0,079	0,299
CHR4	3E+07	CHR4:30049769	SSF x Near_LoA	-8,57297022	0,048	0,313
CHR4	3E+07	CHR4:30049880	SSF x Near_LoA	-9,02297935	-0,023	0,324
CHR4	3E+07	CHR4:30049896	SSF x Near_LoA	-8,00141712	-0,128	0,312
CHR4	3E+07	CHR4:30070622	SSF x Near_LoA	-9,10595946	0,089	0,298
CHR4	3E+07	CHR4:30070750	SSF x Near_LoA	-7,68835221	-0,109	0,310
CHR4	3E+07	CHR4:30070753	SSF x Near_LoA	-10,8342751	-0,021	0,304
CHR4	3E+07	CHR4:30070758	SSF x Near_LoA	-8,91575385	-0,041	0,312
CHR4	3008692	CHR4:3008692	SSF x Near_LoA	-11,0627821	-0,015	0,301
CHR4	3008779	CHR4:3008779	SSF x Near_LoA	-10,8545721	0,101	0,293
CHR4	3010142	CHR4:3010142	SSF x Near_LoA	-8,49491604	-0,072	0,326
CHR4	3E+07	CHR4:30101668	SSF x Near_LoA	-5,59503607	-0,119	0,308
CHR4	3E+07	CHR4:30101738	SSF x Near_LoA	-8,90381535	-0,052	0,306
CHR4	3010282	CHR4:3010282	SSF x Near_LoA	-9,46565913	0,065	0,311
CHR4	3E+07	CHR4:30106969	SSF x Near_LoA	-10,1672716	-0,085	0,300
CHR4	3E+07	CHR4:30106970	SSF x Near_LoA	-9,28927102	-0,090	0,294
CHR4	3E+07	CHR4:30107022	SSF x Near_LoA	-5,8996352	0,085	0,307
CHR4	3E+07	CHR4:30107151	SSF x Near_LoA	-7,19845354	-0,157	0,302
CHR4	3E+07	CHR4:30115595	SSF x Near_LoA	-9,23190406	0,038	0,306
CHR4	3E+07	CHR4:30115670	SSF x Near_LoA	-6,19273661	-0,066	0,300
CHR4	3E+07	CHR4:30115696	SSF x Near_LoA	-9,49669161	-0,001	0,295
CHR4	3E+07	CHR4:30115765	SSF x Near_LoA	-10,2576983	-0,146	0,305
CHR4	3E+07	CHR4:30115767	SSF x Near_LoA	-7,8698917	-0,042	0,296
CHR4	3E+07	CHR4:30121168	SSF x Near_LoA	-4,52078601	0,092	0,294
CHR4	3E+07	CHR4:30121224	SSF x Near_LoA	-8,90613425	-0,024	0,320
CHR4	3E+07	CHR4:30121349	SSF x Near_LoA	-10,6451458	-0,011	0,297
CHR4	3E+07	CHR4:30121400	SSF x Near_LoA	-8,66678969	0,086	0,312
CHR4	3E+07	CHR4:30121406	SSF x Near_LoA	-7,21072365	0,125	0,287
CHR4	3E+07	CHR4:30121414	SSF x Near_LoA	-8,15677221	-0,129	0,298
CHR4	3E+07	CHR4:30121421	SSF x Near_LoA	-8,21782007	0,068	0,318
CHR4	3E+07	CHR4:30121481	SSF x Near_LoA	-9,27735273	0,097	0,279
CHR4	3012204	CHR4:3012204	SSF x Near_LoA	-10,4010908	0,044	0,308

CHR4	3E+07	CHR4:30128379	SSF x Near_LoA	-10,6378861	-0,108	0,316
CHR4	3E+07	CHR4:30129428	SSF x Near_LoA	-10,8232698	0,080	0,301
CHR4	3E+07	CHR4:30129453	SSF x Near_LoA	-9,68496075	-0,067	0,298
CHR4	3E+07	CHR4:30129455	SSF x Near_LoA	-8,13020894	-0,066	0,302
CHR4	3E+07	CHR4:30129482	SSF x Near_LoA	-10,2727845	-0,011	0,310
CHR4	3E+07	CHR4:30133394	SSF x Near_LoA	-7,08619466	-0,012	0,325
CHR4	3E+07	CHR4:30133410	SSF x Near_LoA	-5,47872326	-0,156	0,301
CHR4	3E+07	CHR4:30133413	SSF x Near_LoA	-8,42756207	-0,150	0,290
CHR4	3E+07	CHR4:30133508	SSF x Near_LoA	-6,93303153	0,136	0,290
CHR4	3E+07	CHR4:30133551	SSF x Near_LoA	-11,5240592	0,006	0,307
CHR4	3E+07	CHR4:30136193	SSF x Near_LoA	-10,9824686	-0,070	0,294
CHR4	3E+07	CHR4:30140113	SSF x Near_LoA	-8,99214983	-0,059	0,320
CHR4	3E+07	CHR4:30140141	SSF x Near_LoA	-3,64113256	0,078	0,314
CHR4	3E+07	CHR4:30140142	SSF x Near_LoA	-9,18771099	-0,068	0,300
CHR4	3E+07	CHR4:30140181	SSF x Near_LoA	-8,47474955	-0,119	0,304
CHR4	3E+07	CHR4:30140187	SSF x Near_LoA	-10,9421312	-0,018	0,312
CHR4	3E+07	CHR4:30140235	SSF x Near_LoA	-9,2672693	0,021	0,306
CHR4	3E+07	CHR4:30140382	SSF x Near_LoA	-10,6866235	0,024	0,292
CHR4	3E+07	CHR4:30160823	SSF x Near_LoA	-9,57994572	-0,050	0,312
CHR4	3E+07	CHR4:30161255	SSF x Near_LoA	-9,22359138	0,057	0,299
CHR4	3E+07	CHR4:30168830	SSF x Near_LoA	-9,03590233	-0,013	0,301
CHR4	3E+07	CHR4:30168844	SSF x Near_LoA	-8,88509029	0,004	0,313
CHR4	3E+07	CHR4:30168928	SSF x Near_LoA	-9,45485972	-0,081	0,298
CHR4	3E+07	CHR4:30168930	SSF x Near_LoA	-7,13735755	-0,007	0,307
CHR4	3E+07	CHR4:30168958	SSF x Near_LoA	-10,5869249	-0,081	0,303
CHR4	3E+07	CHR4:30168962	SSF x Near_LoA	-9,7089962	-0,082	0,306
CHR4	3E+07	CHR4:30168978	SSF x Near_LoA	-8,82797102	-0,089	0,305
CHR4	3E+07	CHR4:30168998	SSF x Near_LoA	-7,62857784	0,081	0,300
CHR4	3E+07	CHR4:30169009	SSF x Near_LoA	-9,77781402	-0,076	0,295
CHR4	3E+07	CHR4:30169038	SSF x Near_LoA	-10,8897977	0,001	0,301
CHR4	3E+07	CHR4:30169070	SSF x Near_LoA	-10,952928	0,006	0,292
CHR4	3E+07	CHR4:30171882	SSF x Near_LoA	-3,51248183	0,229	0,280
CHR4	3E+07	CHR4:30171890	SSF x Near_LoA	-7,28349128	0,082	0,311
CHR4	3E+07	CHR4:30176348	SSF x Near_LoA	-9,83987193	-0,038	0,296
CHR4	3E+07	CHR4:30176437	SSF x Near_LoA	-8,16738177	-0,105	0,310
CHR4	3E+07	CHR4:30179470	SSF x Near_LoA	3,89774106	0,102	0,319
CHR4	3E+07	CHR4:30179472	SSF x Near_LoA	-8,73265562	0,106	0,303
CHR4	3E+07	CHR4:30180902	SSF x Near_LoA	-7,95748118	0,128	0,309
CHR4	3E+07	CHR4:30180966	SSF x Near_LoA	-11,247955	0,004	0,311
CHR4	3E+07	CHR4:30182519	SSF x Near_LoA	-8,95325874	-0,165	0,297
CHR4	3E+07	CHR4:30182522	SSF x Near_LoA	-7,5491781	-0,107	0,313
CHR4	3E+07	CHR4:30182525	SSF x Near_LoA	-8,07227784	-0,125	0,302
CHR4	3E+07	CHR4:30185372	SSF x Near_LoA	-8,31302384	-0,008	0,307
CHR4	30191	CHR4:30191	SSF x Near_LoA	-9,77882147	-0,054	0,318
CHR4	3E+07	CHR4:30191645	SSF x Near_LoA	-9,2415261	-0,070	0,311
CHR4	3E+07	CHR4:30195047	SSF x Near_LoA	-10,444836	0,032	0,310
CHR4	3E+07	CHR4:30195122	SSF x Near_LoA	-9,26038075	-0,099	0,306
CHR4	3E+07	CHR4:30195127	SSF x Near_LoA	-8,60566081	-0,087	0,301
CHR4	3E+07	CHR4:30195196	SSF x Near_LoA	-9,38694138	0,050	0,311
CHR4	3E+07	CHR4:30195205	SSF x Near_LoA	-7,0736266	0,026	0,304
CHR4	3E+07	CHR4:30195208	SSF x Near_LoA	-10,3304894	0,069	0,310
CHR4	3E+07	CHR4:30195252	SSF x Near_LoA	-8,2360508	-0,025	0,314
CHR4	3E+07	CHR4:30220054	SSF x Near_LoA	-8,15178435	0,148	0,300

CHR4	3E+07	CHR4:30224211	SSF x Near_LoA	-6,40112231	-0,181	0,295
CHR4	3E+07	CHR4:30224240	SSF x Near_LoA	-10,8873172	0,024	0,312
CHR4	3E+07	CHR4:30224268	SSF x Near_LoA	0,00587151	-0,128	0,303
CHR4	3E+07	CHR4:30224298	SSF x Near_LoA	-11,533017	-0,011	0,307
CHR4	3022595	CHR4:3022595	SSF x Near_LoA	-9,13019073	-0,048	0,308
CHR4	3022694	CHR4:3022694	SSF x Near_LoA	-8,17593801	-0,041	0,303
CHR4	3022703	CHR4:3022703	SSF x Near_LoA	-5,31524781	-0,004	0,292
CHR4	3E+07	CHR4:30228949	SSF x Near_LoA	-10,0672009	-0,015	0,322
CHR4	3E+07	CHR4:30231170	SSF x Near_LoA	-10,410223	-0,051	0,293
CHR4	3E+07	CHR4:30231246	SSF x Near_LoA	-6,49812952	0,119	0,302
CHR4	3E+07	CHR4:30231288	SSF x Near_LoA	-8,21258982	0,058	0,316
CHR4	3E+07	CHR4:30231321	SSF x Near_LoA	-9,14297648	-0,125	0,296
CHR4	3E+07	CHR4:30231354	SSF x Near_LoA	-7,21714861	-0,146	0,300
CHR4	30239	CHR4:30239	SSF x Near_LoA	-7,55598302	0,092	0,305
CHR4	3E+07	CHR4:30258200	SSF x Near_LoA	-10,5996755	-0,019	0,310
CHR4	3E+07	CHR4:30258300	SSF x Near_LoA	-7,6244797	0,102	0,304
CHR4	3E+07	CHR4:30258352	SSF x Near_LoA	-7,99741483	0,014	0,301
CHR4	3E+07	CHR4:30258400	SSF x Near_LoA	-9,53450476	0,060	0,305
CHR4	3E+07	CHR4:30269027	SSF x Near_LoA	-9,58178266	-0,013	0,323
CHR4	3E+07	CHR4:30278739	SSF x Near_LoA	-9,84327532	0,027	0,314
CHR4	3E+07	CHR4:30279760	SSF x Near_LoA	-4,65960175	-0,184	0,281
CHR4	3E+07	CHR4:30285528	SSF x Near_LoA	-9,57132466	-0,062	0,294
CHR4	3E+07	CHR4:30285611	SSF x Near_LoA	-8,21353343	-0,134	0,296
CHR4	3E+07	CHR4:30298100	SSF x Near_LoA	-8,32439477	0,021	0,306
CHR4	3E+07	CHR4:30298125	SSF x Near_LoA	-9,18881909	-0,092	0,310
CHR4	3E+07	CHR4:30298242	SSF x Near_LoA	-9,4509682	0,061	0,307
CHR4	3E+07	CHR4:30298251	SSF x Near_LoA	-11,7470592	0,002	0,311
CHR4	3E+07	CHR4:30298277	SSF x Near_LoA	-8,89319759	0,077	0,305
CHR4	3E+07	CHR4:30300408	SSF x Near_LoA	-9,52406277	0,033	0,319
CHR4	3E+07	CHR4:30300409	SSF x Near_LoA	-9,75882869	0,057	0,320
CHR4	3E+07	CHR4:30302705	SSF x Near_LoA	-11,0553697	-0,007	0,314
CHR4	3E+07	CHR4:30302710	SSF x Near_LoA	-11,0692081	-0,019	0,305
CHR4	3E+07	CHR4:30303761	SSF x Near_LoA	-7,40179864	0,016	0,316
CHR4	3E+07	CHR4:30303806	SSF x Near_LoA	-12,4731487	0,011	0,303
CHR4	3E+07	CHR4:30303843	SSF x Near_LoA	-6,54582528	0,061	0,305
CHR4	3E+07	CHR4:30303856	SSF x Near_LoA	-9,97836766	-0,039	0,308
CHR4	3E+07	CHR4:30303864	SSF x Near_LoA	-9,07382801	0,110	0,288
CHR4	3E+07	CHR4:30303904	SSF x Near_LoA	-8,488061	0,051	0,318
CHR4	3E+07	CHR4:30303930	SSF x Near_LoA	-11,3504647	0,117	0,292
CHR4	3E+07	CHR4:30303932	SSF x Near_LoA	-11,38796	-0,035	0,305
CHR4	3E+07	CHR4:30311209	SSF x Near_LoA	-7,68053208	-0,122	0,293
CHR4	3E+07	CHR4:30315737	SSF x Near_LoA	-9,38667495	-0,044	0,307
CHR4	3E+07	CHR4:30315760	SSF x Near_LoA	-9,93445371	0,025	0,314
CHR4	3E+07	CHR4:30315777	SSF x Near_LoA	-9,17170694	0,007	0,310
CHR4	3E+07	CHR4:30315800	SSF x Near_LoA	-9,29421146	-0,008	0,308
CHR4	3E+07	CHR4:30315853	SSF x Near_LoA	-11,1697382	-0,029	0,302
CHR4	3E+07	CHR4:30315854	SSF x Near_LoA	-5,63776771	-0,070	0,313
CHR4	3E+07	CHR4:30315864	SSF x Near_LoA	-9,40504725	-0,141	0,307
CHR4	3E+07	CHR4:30315875	SSF x Near_LoA	-9,81675038	0,021	0,309
CHR4	3E+07	CHR4:30315907	SSF x Near_LoA	-11,3934309	0,060	0,300
CHR4	3E+07	CHR4:30315980	SSF x Near_LoA	-8,86313245	-0,052	0,299
CHR4	3E+07	CHR4:30318898	SSF x Near_LoA	-9,16978566	-0,039	0,310
CHR4	3E+07	CHR4:30318907	SSF x Near_LoA	-7,06955311	0,088	0,290

CHR4	3E+07	CHR4:30318934	SSF x Near_LoA	-9,28714415	-0,064	0,296
CHR4	3E+07	CHR4:30318949	SSF x Near_LoA	-9,91418514	0,060	0,294
CHR4	3E+07	CHR4:30330409	SSF x Near_LoA	-10,4064574	-0,036	0,313
CHR4	3E+07	CHR4:30330470	SSF x Near_LoA	-10,0261152	-0,069	0,312
CHR4	3E+07	CHR4:30330491	SSF x Near_LoA	-9,1819492	-0,158	0,299
CHR4	3E+07	CHR4:30330504	SSF x Near_LoA	-8,72638479	-0,090	0,321
CHR4	3E+07	CHR4:30335041	SSF x Near_LoA	-9,15772984	-0,029	0,327
CHR4	3E+07	CHR4:30341195	SSF x Near_LoA	-10,4919139	0,006	0,316
CHR4	3E+07	CHR4:30341221	SSF x Near_LoA	-8,90714489	-0,041	0,311
CHR4	3E+07	CHR4:30341273	SSF x Near_LoA	-11,8031719	-0,024	0,306
CHR4	3E+07	CHR4:30341306	SSF x Near_LoA	-7,19727235	0,091	0,308
CHR4	3E+07	CHR4:30341332	SSF x Near_LoA	-6,9621266	-0,008	0,322
CHR4	3E+07	CHR4:30351016	SSF x Near_LoA	-11,0501497	-0,039	0,303
CHR4	3E+07	CHR4:30351019	SSF x Near_LoA	-7,387447	0,008	0,306
CHR4	3E+07	CHR4:30354912	SSF x Near_LoA	-7,00586766	-0,036	0,315
CHR4	3E+07	CHR4:30354996	SSF x Near_LoA	-10,0664152	0,064	0,292
CHR4	3E+07	CHR4:30355098	SSF x Near_LoA	-8,96295008	-0,008	0,310
CHR4	3E+07	CHR4:30355099	SSF x Near_LoA	-9,35567813	0,098	0,294
CHR4	3E+07	CHR4:30355116	SSF x Near_LoA	-7,87792767	0,092	0,304
CHR4	3E+07	CHR4:30355126	SSF x Near_LoA	-8,73792227	-0,118	0,312
CHR4	3E+07	CHR4:30355172	SSF x Near_LoA	-7,54192574	0,119	0,316
CHR4	3E+07	CHR4:30355234	SSF x Near_LoA	-9,77681871	-0,042	0,314
CHR4	3036022	CHR4:3036022	SSF x Near_LoA	-4,76058397	0,039	0,323
CHR4	3E+07	CHR4:30360264	SSF x Near_LoA	-10,2061794	-0,089	0,305
CHR4	3036392	CHR4:3036392	SSF x Near_LoA	-9,37732824	0,037	0,309
CHR4	3E+07	CHR4:30378997	SSF x Near_LoA	-9,481237	0,119	0,307
CHR4	3E+07	CHR4:30379039	SSF x Near_LoA	-5,14993203	-0,019	0,317
CHR4	3E+07	CHR4:30379062	SSF x Near_LoA	-8,53943303	0,113	0,311
CHR4	3E+07	CHR4:30379717	SSF x Near_LoA	-11,4616593	0,009	0,307
CHR4	3040198	CHR4:3040198	SSF x Near_LoA	-10,1637654	-0,078	0,308
CHR4	3040207	CHR4:3040207	SSF x Near_LoA	-11,926183	0,067	0,298
CHR4	3040225	CHR4:3040225	SSF x Near_LoA	-8,75232283	-0,063	0,312
CHR4	3E+07	CHR4:30402319	SSF x Near_LoA	-10,3762135	-0,032	0,299
CHR4	3040257	CHR4:3040257	SSF x Near_LoA	-10,7837441	-0,106	0,299
CHR4	3040281	CHR4:3040281	SSF x Near_LoA	-9,91248513	-0,045	0,326
CHR4	3041102	CHR4:3041102	SSF x Near_LoA	-10,1336746	-0,052	0,317
CHR4	3E+07	CHR4:30416521	SSF x Near_LoA	-9,16195936	0,078	0,312
CHR4	3E+07	CHR4:30420001	SSF x Near_LoA	-2,85397093	0,107	0,296
CHR4	3E+07	CHR4:30420112	SSF x Near_LoA	-8,1852189	-0,121	0,306
CHR4	3E+07	CHR4:30421500	SSF x Near_LoA	-8,20704194	0,145	0,302
CHR4	3E+07	CHR4:30436977	SSF x Near_LoA	-12,457391	-0,070	0,279
CHR4	3E+07	CHR4:30437069	SSF x Near_LoA	-2,97243977	-0,062	0,312
CHR4	3E+07	CHR4:30437133	SSF x Near_LoA	-8,612372	0,050	0,315
CHR4	3E+07	CHR4:30442107	SSF x Near_LoA	-9,64940715	-0,034	0,307
CHR4	3E+07	CHR4:30442401	SSF x Near_LoA	-8,86773342	-0,018	0,308
CHR4	3E+07	CHR4:30442593	SSF x Near_LoA	-7,19149425	0,088	0,314
CHR4	3E+07	CHR4:30442599	SSF x Near_LoA	-8,08082414	0,041	0,310
CHR4	3E+07	CHR4:30442603	SSF x Near_LoA	-8,28027465	-0,014	0,318
CHR4	3E+07	CHR4:30449820	SSF x Near_LoA	-9,20552434	-0,061	0,310
CHR4	3E+07	CHR4:30452869	SSF x Near_LoA	-9,64090745	-0,008	0,295
CHR4	3E+07	CHR4:30452923	SSF x Near_LoA	-8,55909956	-0,027	0,311
CHR4	3E+07	CHR4:30452924	SSF x Near_LoA	-8,74981884	0,003	0,293
CHR4	3E+07	CHR4:30453880	SSF x Near_LoA	-8,34827614	-0,031	0,302

CHR4	3E+07	CHR4:30453952	SSF x Near_LoA	-9,90466819	0,099	0,309
CHR4	3E+07	CHR4:30464561	SSF x Near_LoA	-7,82169475	-0,015	0,309
CHR4	3E+07	CHR4:30465887	SSF x Near_LoA	-10,8107162	-0,066	0,305
CHR4	3E+07	CHR4:30467529	SSF x Near_LoA	-10,3834813	0,006	0,304
CHR4	3E+07	CHR4:30467611	SSF x Near_LoA	-9,58202884	0,017	0,295
CHR4	3E+07	CHR4:30467643	SSF x Near_LoA	-8,35083157	-0,045	0,314
CHR4	3E+07	CHR4:30467677	SSF x Near_LoA	-8,93272921	-0,035	0,298
CHR4	3047375	CHR4:3047375	SSF x Near_LoA	-10,5079894	0,023	0,315
CHR4	3047406	CHR4:3047406	SSF x Near_LoA	-11,4824764	0,071	0,309
CHR4	3E+07	CHR4:30482989	SSF x Near_LoA	-9,32110666	-0,052	0,313
CHR4	3E+07	CHR4:30483574	SSF x Near_LoA	-8,58459756	-0,029	0,311
CHR4	3E+07	CHR4:30483587	SSF x Near_LoA	-10,1319703	-0,020	0,319
CHR4	3E+07	CHR4:30483605	SSF x Near_LoA	-9,29150942	0,142	0,304
CHR4	3E+07	CHR4:30483640	SSF x Near_LoA	-8,52766432	-0,134	0,313
CHR4	3E+07	CHR4:30485292	SSF x Near_LoA	-11,5979156	0,050	0,310
CHR4	3E+07	CHR4:30485357	SSF x Near_LoA	-9,42507635	-0,006	0,309
CHR4	3E+07	CHR4:30485358	SSF x Near_LoA	-9,23128542	-0,024	0,316
CHR4	3E+07	CHR4:30485404	SSF x Near_LoA	-10,291367	-0,049	0,314
CHR4	3E+07	CHR4:30486857	SSF x Near_LoA	-10,3441006	0,031	0,294
CHR4	3E+07	CHR4:30486903	SSF x Near_LoA	-8,03358533	0,005	0,308
CHR4	3E+07	CHR4:30493940	SSF x Near_LoA	-8,01036772	-0,007	0,312
CHR4	3E+07	CHR4:30493961	SSF x Near_LoA	-5,80330919	0,003	0,300
CHR4	3E+07	CHR4:30493989	SSF x Near_LoA	-8,49894956	0,021	0,313
CHR4	3E+07	CHR4:30494056	SSF x Near_LoA	-8,29913545	0,080	0,306
CHR4	3050848	CHR4:3050848	SSF x Near_LoA	-8,07686243	0,109	0,307
CHR4	3050851	CHR4:3050851	SSF x Near_LoA	-8,87462414	0,086	0,309
CHR4	3050881	CHR4:3050881	SSF x Near_LoA	-9,79315911	0,040	0,303
CHR4	30513105	CHR4:30513105	SSF x Near_LoA	-9,22836761	-0,047	0,309
CHR4	30516434	CHR4:30516434	SSF x Near_LoA	1,49587427	-0,161	0,301
CHR4	30516452	CHR4:30516452	SSF x Near_LoA	-7,18703538	0,152	0,299
CHR4	30516505	CHR4:30516505	SSF x Near_LoA	-11,09582	-0,031	0,303
CHR4	30516511	CHR4:30516511	SSF x Near_LoA	-10,5750672	-0,026	0,292
CHR4	30516541	CHR4:30516541	SSF x Near_LoA	-10,8038219	-0,004	0,307
CHR4	30516564	CHR4:30516564	SSF x Near_LoA	-10,1830812	-0,038	0,307
CHR4	30522218	CHR4:30522218	SSF x Near_LoA	-10,5145749	-0,048	0,307
CHR4	30523217	CHR4:30523217	SSF x Near_LoA	-10,3940295	0,065	0,310
CHR4	30523282	CHR4:30523282	SSF x Near_LoA	-9,41345289	0,033	0,293
CHR4	30525578	CHR4:30525578	SSF x Near_LoA	-8,79382492	-0,015	0,301
CHR4	3052978	CHR4:3052978	SSF x Near_LoA	-5,88829275	0,173	0,299
CHR4	3052979	CHR4:3052979	SSF x Near_LoA	-2,68237085	0,184	0,298
CHR4	30530356	CHR4:30530356	SSF x Near_LoA	-11,3252336	-0,050	0,302
CHR4	30530369	CHR4:30530369	SSF x Near_LoA	-10,735315	-0,050	0,297
CHR4	30530375	CHR4:30530375	SSF x Near_LoA	-9,79698556	0,123	0,302
CHR4	30530376	CHR4:30530376	SSF x Near_LoA	-12,5314676	-0,032	0,287
CHR4	30530428	CHR4:30530428	SSF x Near_LoA	-11,0527659	-0,047	0,309
CHR4	30538454	CHR4:30538454	SSF x Near_LoA	-8,43141746	0,064	0,308
CHR4	30538528	CHR4:30538528	SSF x Near_LoA	-8,15129437	-0,027	0,310
CHR4	30556973	CHR4:30556973	SSF x Near_LoA	-7,9487286	0,091	0,305
CHR4	30557165	CHR4:30557165	SSF x Near_LoA	-8,26006711	-0,068	0,287
CHR4	30557166	CHR4:30557166	SSF x Near_LoA	-10,8823022	-0,045	0,299
CHR4	30557209	CHR4:30557209	SSF x Near_LoA	-10,1382597	0,067	0,300
CHR4	30561204	CHR4:30561204	SSF x Near_LoA	-9,84289234	-0,091	0,289
CHR4	30561242	CHR4:30561242	SSF x Near_LoA	-11,0532362	0,040	0,323

CHR4	30577223	CHR4:30577223	SSF x Near_LoA	-10,6677292	-0,007	0,307
CHR4	30577243	CHR4:30577243	SSF x Near_LoA	-8,3139501	0,016	0,321
CHR4	30577249	CHR4:30577249	SSF x Near_LoA	-10,7387582	0,041	0,310
CHR4	30577401	CHR4:30577401	SSF x Near_LoA	-8,55252109	0,080	0,303
CHR4	30577442	CHR4:30577442	SSF x Near_LoA	-5,85695784	-0,100	0,312
CHR4	30577474	CHR4:30577474	SSF x Near_LoA	-10,7625747	-0,075	0,315
CHR4	3058306	CHR4:3058306	SSF x Near_LoA	-3,2859878	0,188	0,291
CHR4	3058332	CHR4:3058332	SSF x Near_LoA	-6,8845178	-0,130	0,304
CHR4	30586947	CHR4:30586947	SSF x Near_LoA	-8,32750931	-0,066	0,311
CHR4	30586995	CHR4:30586995	SSF x Near_LoA	-8,53061447	-0,104	0,308
CHR4	30589724	CHR4:30589724	SSF x Near_LoA	-8,39845558	0,071	0,301
CHR4	30589746	CHR4:30589746	SSF x Near_LoA	-6,27614797	0,132	0,304
CHR4	30589757	CHR4:30589757	SSF x Near_LoA	-11,3176107	0,014	0,310
CHR4	30589994	CHR4:30589994	SSF x Near_LoA	-7,212309	0,019	0,321
CHR4	30598715	CHR4:30598715	SSF x Near_LoA	-4,23367803	0,117	0,298
CHR4	30598750	CHR4:30598750	SSF x Near_LoA	-8,49152706	0,065	0,314
CHR4	30617046	CHR4:30617046	SSF x Near_LoA	-3,11918971	0,084	0,307
CHR4	30617105	CHR4:30617105	SSF x Near_LoA	-7,94802558	-0,064	0,298
CHR4	30617116	CHR4:30617116	SSF x Near_LoA	-9,0789373	-0,098	0,308
CHR4	30617130	CHR4:30617130	SSF x Near_LoA	-8,97715462	-0,003	0,319
CHR4	30617172	CHR4:30617172	SSF x Near_LoA	-11,64863	-0,074	0,294
CHR4	30617226	CHR4:30617226	SSF x Near_LoA	-8,52511043	0,036	0,319
CHR4	30619337	CHR4:30619337	SSF x Near_LoA	-8,84090965	0,060	0,309
CHR4	30619340	CHR4:30619340	SSF x Near_LoA	-10,1734838	0,011	0,307
CHR4	30619415	CHR4:30619415	SSF x Near_LoA	-7,79388698	-0,017	0,300
CHR4	30619430	CHR4:30619430	SSF x Near_LoA	-6,76494785	0,079	0,309
CHR4	30619494	CHR4:30619494	SSF x Near_LoA	-9,36951255	-0,020	0,305
CHR4	30619499	CHR4:30619499	SSF x Near_LoA	-10,5770706	0,004	0,301
CHR4	30619538	CHR4:30619538	SSF x Near_LoA	-7,5800652	-0,049	0,314
CHR4	30622219	CHR4:30622219	SSF x Near_LoA	-11,3980753	0,014	0,298
CHR4	30622328	CHR4:30622328	SSF x Near_LoA	-10,1031321	0,027	0,291
CHR4	30622441	CHR4:30622441	SSF x Near_LoA	-11,1236716	-0,039	0,309
CHR4	30622450	CHR4:30622450	SSF x Near_LoA	-8,20940845	0,037	0,324
CHR4	30625501	CHR4:30625501	SSF x Near_LoA	-10,4277937	-0,051	0,316
CHR4	30625507	CHR4:30625507	SSF x Near_LoA	-10,8679027	-0,075	0,300
CHR4	30625560	CHR4:30625560	SSF x Near_LoA	-10,124148	-0,009	0,321
CHR4	30629425	CHR4:30629425	SSF x Near_LoA	-8,41967393	0,005	0,314
CHR4	30629456	CHR4:30629456	SSF x Near_LoA	-6,23496939	0,136	0,300
CHR4	30629688	CHR4:30629688	SSF x Near_LoA	-10,0048201	0,069	0,313
CHR4	30635403	CHR4:30635403	SSF x Near_LoA	-3,69772348	-0,070	0,314
CHR4	30635631	CHR4:30635631	SSF x Near_LoA	-10,9943496	0,007	0,309
CHR4	30635633	CHR4:30635633	SSF x Near_LoA	-9,86104781	-0,029	0,307
CHR4	30635675	CHR4:30635675	SSF x Near_LoA	-9,44584099	-0,089	0,309
CHR4	30637653	CHR4:30637653	SSF x Near_LoA	-7,69838712	-0,096	0,296
CHR4	30650141	CHR4:30650141	SSF x Near_LoA	-11,4923946	0,049	0,317
CHR4	30650158	CHR4:30650158	SSF x Near_LoA	-8,21340972	0,169	0,302
CHR4	30650440	CHR4:30650440	SSF x Near_LoA	-4,51643002	0,191	0,297
CHR4	306726	CHR4:306726	SSF x Near_LoA	-8,63912646	0,116	0,309
CHR4	30676125	CHR4:30676125	SSF x Near_LoA	-11,9573704	-0,076	0,296
CHR4	30676180	CHR4:30676180	SSF x Near_LoA	-11,2014118	-0,086	0,292
CHR4	30680216	CHR4:30680216	SSF x Near_LoA	-5,13095334	-0,009	0,298
CHR4	30685431	CHR4:30685431	SSF x Near_LoA	-10,2367261	0,002	0,318
CHR4	30686870	CHR4:30686870	SSF x Near_LoA	-11,3572152	-0,031	0,301

CHR4	30687095	CHR4:30687095	SSF x Near_LoA	-10,2337595	-0,052	0,302
CHR4	30689101	CHR4:30689101	SSF x Near_LoA	-9,06542073	-0,020	0,305
CHR4	30697266	CHR4:30697266	SSF x Near_LoA	-11,2347552	0,015	0,300
CHR4	30697340	CHR4:30697340	SSF x Near_LoA	-10,2822242	0,106	0,304
CHR4	30697468	CHR4:30697468	SSF x Near_LoA	-11,7841097	0,094	0,293
CHR4	30701743	CHR4:30701743	SSF x Near_LoA	-7,77223445	0,134	0,304
CHR4	30701750	CHR4:30701750	SSF x Near_LoA	-9,07290856	-0,054	0,309
CHR4	30701846	CHR4:30701846	SSF x Near_LoA	-8,31835133	-0,009	0,315
CHR4	30703347	CHR4:30703347	SSF x Near_LoA	-10,0313107	-0,108	0,305
CHR4	30703353	CHR4:30703353	SSF x Near_LoA	-6,98183004	0,056	0,311
CHR4	30703643	CHR4:30703643	SSF x Near_LoA	-8,90182466	0,009	0,320
CHR4	30707993	CHR4:30707993	SSF x Near_LoA	-9,43287133	-0,032	0,313
CHR4	30708050	CHR4:30708050	SSF x Near_LoA	-0,03970501	0,163	0,308
CHR4	30712238	CHR4:30712238	SSF x Near_LoA	-11,2763833	0,026	0,303
CHR4	30712268	CHR4:30712268	SSF x Near_LoA	-5,80061644	0,191	0,294
CHR4	30712291	CHR4:30712291	SSF x Near_LoA	-5,85755141	-0,086	0,316
CHR4	30712331	CHR4:30712331	SSF x Near_LoA	-11,6374861	0,029	0,294
CHR4	30712340	CHR4:30712340	SSF x Near_LoA	-7,5850696	0,048	0,315
CHR4	30712380	CHR4:30712380	SSF x Near_LoA	-8,78057547	0,094	0,293
CHR4	30712397	CHR4:30712397	SSF x Near_LoA	-9,24211225	0,015	0,323
CHR4	30712483	CHR4:30712483	SSF x Near_LoA	-6,98586651	-0,018	0,316
CHR4	30715876	CHR4:30715876	SSF x Near_LoA	-7,29634846	-0,103	0,312
CHR4	30716035	CHR4:30716035	SSF x Near_LoA	-7,66919283	-0,014	0,310
CHR4	30720465	CHR4:30720465	SSF x Near_LoA	-8,56519415	0,066	0,310
CHR4	30720500	CHR4:30720500	SSF x Near_LoA	-11,8762187	-0,057	0,304
CHR4	30729463	CHR4:30729463	SSF x Near_LoA	-9,39820563	0,019	0,304
CHR4	30729479	CHR4:30729479	SSF x Near_LoA	-8,83502821	0,114	0,304
CHR4	30729516	CHR4:30729516	SSF x Near_LoA	-9,68815718	-0,010	0,310
CHR4	30729533	CHR4:30729533	SSF x Near_LoA	-8,67456497	0,140	0,305
CHR4	30729570	CHR4:30729570	SSF x Near_LoA	-8,3353242	0,004	0,314
CHR4	30729623	CHR4:30729623	SSF x Near_LoA	-8,0345776	0,052	0,300
CHR4	30729731	CHR4:30729731	SSF x Near_LoA	-11,1890078	-0,009	0,317
CHR4	30732738	CHR4:30732738	SSF x Near_LoA	-10,7004227	0,020	0,314
CHR4	30733117	CHR4:30733117	SSF x Near_LoA	-10,2407913	0,010	0,309
CHR4	30740560	CHR4:30740560	SSF x Near_LoA	-10,0717442	-0,026	0,318
CHR4	30740626	CHR4:30740626	SSF x Near_LoA	-6,96067772	-0,049	0,310
CHR4	30747619	CHR4:30747619	SSF x Near_LoA	-9,44539092	-0,001	0,302
CHR4	30747630	CHR4:30747630	SSF x Near_LoA	-10,1090101	0,012	0,312
CHR4	30747683	CHR4:30747683	SSF x Near_LoA	-9,60884635	-0,093	0,312
CHR4	30747697	CHR4:30747697	SSF x Near_LoA	-8,21749411	-0,043	0,309
CHR4	30749569	CHR4:30749569	SSF x Near_LoA	-11,5308394	0,046	0,304
CHR4	30749601	CHR4:30749601	SSF x Near_LoA	-8,87278595	-0,100	0,300
CHR4	30749631	CHR4:30749631	SSF x Near_LoA	-10,4437175	0,015	0,304
CHR4	30750675	CHR4:30750675	SSF x Near_LoA	-9,59227469	0,038	0,316
CHR4	30750734	CHR4:30750734	SSF x Near_LoA	-7,41252861	0,093	0,297
CHR4	30758868	CHR4:30758868	SSF x Near_LoA	-9,03823014	-0,003	0,306
CHR4	30768511	CHR4:30768511	SSF x Near_LoA	-9,90856824	0,090	0,299
CHR4	30768596	CHR4:30768596	SSF x Near_LoA	-10,5501657	-0,038	0,316
CHR4	30771086	CHR4:30771086	SSF x Near_LoA	-9,99222255	-0,068	0,318
CHR4	30775464	CHR4:30775464	SSF x Near_LoA	-8,68333646	-0,148	0,292
CHR4	30775474	CHR4:30775474	SSF x Near_LoA	-9,02252016	-0,121	0,298
CHR4	30775609	CHR4:30775609	SSF x Near_LoA	-9,60303942	0,067	0,313
CHR4	30776723	CHR4:30776723	SSF x Near_LoA	-8,29069259	-0,074	0,306

CHR4	30778611	CHR4:30778611	SSF x Near_LoA	-9,13547486	0,147	0,303
CHR4	30778696	CHR4:30778696	SSF x Near_LoA	-2,28877357	0,128	0,301
CHR4	30779099	CHR4:30779099	SSF x Near_LoA	-9,13598955	0,042	0,309
CHR4	30782204	CHR4:30782204	SSF x Near_LoA	-4,75312796	-0,208	0,296
CHR4	30795530	CHR4:30795530	SSF x Near_LoA	-10,2151637	-0,031	0,306
CHR4	30796139	CHR4:30796139	SSF x Near_LoA	-8,99619824	0,079	0,308
CHR4	30797045	CHR4:30797045	SSF x Near_LoA	-8,31437979	-0,053	0,309
CHR4	30808507	CHR4:30808507	SSF x Near_LoA	-6,81089978	0,103	0,307
CHR4	30821735	CHR4:30821735	SSF x Near_LoA	-8,65048731	-0,003	0,299
CHR4	30821841	CHR4:30821841	SSF x Near_LoA	-8,49720483	0,071	0,317
CHR4	30821896	CHR4:30821896	SSF x Near_LoA	-8,22930955	0,094	0,308
CHR4	30821899	CHR4:30821899	SSF x Near_LoA	-6,08570884	0,123	0,310
CHR4	30826170	CHR4:30826170	SSF x Near_LoA	-8,25138306	-0,126	0,303
CHR4	30834633	CHR4:30834633	SSF x Near_LoA	-8,69930591	0,027	0,315
CHR4	30834642	CHR4:30834642	SSF x Near_LoA	-11,6627577	-0,013	0,297
CHR4	30834696	CHR4:30834696	SSF x Near_LoA	-8,70652796	-0,071	0,298
CHR4	30835452	CHR4:30835452	SSF x Near_LoA	-8,86578	0,024	0,306
CHR4	30840047	CHR4:30840047	SSF x Near_LoA	2,18062664	0,052	0,307
CHR4	30840572	CHR4:30840572	SSF x Near_LoA	-8,52934431	-0,060	0,319
CHR4	30840592	CHR4:30840592	SSF x Near_LoA	-10,1172584	-0,025	0,306
CHR4	30845548	CHR4:30845548	SSF x Near_LoA	-10,5071165	-0,037	0,303
CHR4	30865425	CHR4:30865425	SSF x Near_LoA	-11,2869657	0,008	0,299
CHR4	30871128	CHR4:30871128	SSF x Near_LoA	-10,2423464	0,016	0,307
CHR4	30881332	CHR4:30881332	SSF x Near_LoA	-10,2745602	-0,019	0,300
CHR4	30881460	CHR4:30881460	SSF x Near_LoA	-9,09404788	0,049	0,309
CHR4	30881555	CHR4:30881555	SSF x Near_LoA	-10,8540679	-0,058	0,315
CHR4	30884794	CHR4:30884794	SSF x Near_LoA	-9,15830748	-0,038	0,312
CHR4	30884796	CHR4:30884796	SSF x Near_LoA	-9,81859102	-0,017	0,293
CHR4	30884804	CHR4:30884804	SSF x Near_LoA	-10,8667713	-0,027	0,302
CHR4	30885054	CHR4:30885054	SSF x Near_LoA	-10,2789018	-0,050	0,301
CHR4	30885057	CHR4:30885057	SSF x Near_LoA	-9,18742662	0,014	0,322
CHR4	30887151	CHR4:30887151	SSF x Near_LoA	-8,1837888	-0,003	0,311
CHR4	30887633	CHR4:30887633	SSF x Near_LoA	-7,91008149	-0,112	0,309
CHR4	30887709	CHR4:30887709	SSF x Near_LoA	-10,3469948	-0,052	0,308
CHR4	30889191	CHR4:30889191	SSF x Near_LoA	-6,84235146	0,104	0,314
CHR4	30889231	CHR4:30889231	SSF x Near_LoA	-10,1514084	-0,006	0,320
CHR4	30889253	CHR4:30889253	SSF x Near_LoA	-9,00351538	0,043	0,311
CHR4	30890541	CHR4:30890541	SSF x Near_LoA	-4,96412291	0,156	0,305
CHR4	30898289	CHR4:30898289	SSF x Near_LoA	-6,84104351	0,003	0,322
CHR4	30898465	CHR4:30898465	SSF x Near_LoA	-8,41702678	0,059	0,304
CHR4	30909128	CHR4:30909128	SSF x Near_LoA	-6,30078533	-0,062	0,322
CHR4	30909168	CHR4:30909168	SSF x Near_LoA	-9,7231554	-0,021	0,310
CHR4	30909190	CHR4:30909190	SSF x Near_LoA	-11,7049117	0,003	0,301
CHR4	30916514	CHR4:30916514	SSF x Near_LoA	-4,91655088	0,119	0,311
CHR4	30916560	CHR4:30916560	SSF x Near_LoA	-10,6591191	-0,038	0,302
CHR4	30917162	CHR4:30917162	SSF x Near_LoA	-8,80171984	-0,034	0,308
CHR4	30917185	CHR4:30917185	SSF x Near_LoA	-8,93604342	-0,144	0,286
CHR4	30926855	CHR4:30926855	SSF x Near_LoA	-10,7597283	0,095	0,295
CHR4	30926877	CHR4:30926877	SSF x Near_LoA	-8,75066572	0,105	0,293
CHR4	30926953	CHR4:30926953	SSF x Near_LoA	0,77902745	0,018	0,318
CHR4	30926994	CHR4:30926994	SSF x Near_LoA	-11,4986828	-0,005	0,299
CHR4	30927031	CHR4:30927031	SSF x Near_LoA	-10,7436657	-0,024	0,314
CHR4	30932882	CHR4:30932882	SSF x Near_LoA	-8,78858754	-0,014	0,302

CHR4	30932920	CHR4:30932920	SSF x Near_LoA	-9,26015174	-0,017	0,302
CHR4	30932922	CHR4:30932922	SSF x Near_LoA	-9,0867577	-0,063	0,310
CHR4	30932935	CHR4:30932935	SSF x Near_LoA	-3,28072443	-0,058	0,311
CHR4	30933017	CHR4:30933017	SSF x Near_LoA	-10,3767091	0,031	0,288
CHR4	30933507	CHR4:30933507	SSF x Near_LoA	-7,47757766	0,150	0,322
CHR4	30937627	CHR4:30937627	SSF x Near_LoA	-5,20271377	-0,057	0,305
CHR4	30937678	CHR4:30937678	SSF x Near_LoA	-8,52162763	-0,152	0,299
CHR4	30937685	CHR4:30937685	SSF x Near_LoA	-10,5630372	-0,068	0,296
CHR4	30937725	CHR4:30937725	SSF x Near_LoA	-11,5200969	-0,030	0,310
CHR4	30937740	CHR4:30937740	SSF x Near_LoA	-10,7398924	0,024	0,320
CHR4	30937894	CHR4:30937894	SSF x Near_LoA	-11,7568973	-0,036	0,295
CHR4	30937953	CHR4:30937953	SSF x Near_LoA	-7,72521434	-0,004	0,310
CHR4	30937966	CHR4:30937966	SSF x Near_LoA	-8,12991441	-0,106	0,317
CHR4	30937969	CHR4:30937969	SSF x Near_LoA	-7,68295972	-0,098	0,314
CHR4	30946538	CHR4:30946538	SSF x Near_LoA	-11,2822967	-0,044	0,314
CHR4	30946554	CHR4:30946554	SSF x Near_LoA	-10,0160762	-0,059	0,299
CHR4	30946571	CHR4:30946571	SSF x Near_LoA	-8,85331393	-0,037	0,310
CHR4	30946583	CHR4:30946583	SSF x Near_LoA	-9,45602393	-0,034	0,291
CHR4	30946598	CHR4:30946598	SSF x Near_LoA	-8,67259426	-0,067	0,307
CHR4	30956878	CHR4:30956878	SSF x Near_LoA	-7,85784169	0,188	0,282
CHR4	30957691	CHR4:30957691	SSF x Near_LoA	-9,0832958	0,018	0,300
CHR4	30957777	CHR4:30957777	SSF x Near_LoA	-6,94490798	-0,031	0,300
CHR4	30960442	CHR4:30960442	SSF x Near_LoA	-11,0783243	-0,035	0,309
CHR4	30960462	CHR4:30960462	SSF x Near_LoA	-9,15372093	0,056	0,306
CHR4	30960636	CHR4:30960636	SSF x Near_LoA	-10,2626766	0,033	0,312
CHR4	30961868	CHR4:30961868	SSF x Near_LoA	-10,8104289	-0,049	0,308
CHR4	30961899	CHR4:30961899	SSF x Near_LoA	-9,29566968	0,046	0,289
CHR4	30961909	CHR4:30961909	SSF x Near_LoA	-10,1710894	-0,101	0,309
CHR4	30961929	CHR4:30961929	SSF x Near_LoA	-5,33213204	0,149	0,299
CHR4	30961931	CHR4:30961931	SSF x Near_LoA	-1,04757155	0,170	0,291
CHR4	30967027	CHR4:30967027	SSF x Near_LoA	-10,8227558	-0,095	0,300
CHR4	30967094	CHR4:30967094	SSF x Near_LoA	-10,2148002	0,035	0,310
CHR4	30967120	CHR4:30967120	SSF x Near_LoA	-10,4291228	0,141	0,296
CHR4	30967140	CHR4:30967140	SSF x Near_LoA	-6,80265339	-0,107	0,323
CHR4	30967147	CHR4:30967147	SSF x Near_LoA	-5,88626291	-0,093	0,312
CHR4	30967149	CHR4:30967149	SSF x Near_LoA	-10,5534847	-0,035	0,324
CHR4	30967227	CHR4:30967227	SSF x Near_LoA	-9,18767795	0,055	0,315
CHR4	30967248	CHR4:30967248	SSF x Near_LoA	-9,02764719	0,024	0,309
CHR4	30978341	CHR4:30978341	SSF x Near_LoA	-8,56238809	0,026	0,309
CHR4	30978402	CHR4:30978402	SSF x Near_LoA	-10,2900305	0,086	0,298
CHR4	30978956	CHR4:30978956	SSF x Near_LoA	-6,54375614	0,048	0,307
CHR4	30981352	CHR4:30981352	SSF x Near_LoA	-5,88241417	0,177	0,298
CHR4	30981409	CHR4:30981409	SSF x Near_LoA	-7,87664067	-0,116	0,304
CHR4	30984786	CHR4:30984786	SSF x Near_LoA	-11,6770817	0,000	0,311
CHR4	30984794	CHR4:30984794	SSF x Near_LoA	-11,3272064	-0,013	0,306
CHR4	30984869	CHR4:30984869	SSF x Near_LoA	-9,23800091	0,006	0,311
CHR4	30984904	CHR4:30984904	SSF x Near_LoA	-8,43615677	-0,097	0,314
CHR4	30984950	CHR4:30984950	SSF x Near_LoA	-10,9292157	-0,104	0,306
CHR4	30990910	CHR4:30990910	SSF x Near_LoA	-8,60531929	-0,109	0,299
CHR4	30990919	CHR4:30990919	SSF x Near_LoA	-8,48421346	0,014	0,313
CHR4	30991066	CHR4:30991066	SSF x Near_LoA	-9,06936844	-0,115	0,294
CHR4	30999206	CHR4:30999206	SSF x Near_LoA	18,7545364	-0,196	0,293
CHR4	30999216	CHR4:30999216	SSF x Near_LoA	-8,85857248	0,020	0,307

CHR4	30999240	CHR4:30999240	SSF x Near_LoA	-12,2843752	-0,065	0,290
CHR4	30999347	CHR4:30999347	SSF x Near_LoA	-8,73588537	0,080	0,304
CHR4	31007517	CHR4:31007517	SSF x Near_LoA	-8,25050342	-0,011	0,302
CHR4	31007596	CHR4:31007596	SSF x Near_LoA	-10,6682923	0,041	0,298
CHR4	31007629	CHR4:31007629	SSF x Near_LoA	-11,1347848	0,084	0,298
CHR4	31007667	CHR4:31007667	SSF x Near_LoA	-10,4169882	0,011	0,308
CHR4	31007714	CHR4:31007714	SSF x Near_LoA	-10,5354121	0,099	0,304
CHR4	31007749	CHR4:31007749	SSF x Near_LoA	-9,81021417	0,015	0,302
CHR4	31023585	CHR4:31023585	SSF x Near_LoA	-8,2516738	0,124	0,296
CHR4	31023589	CHR4:31023589	SSF x Near_LoA	-8,70602474	-0,182	0,295
CHR4	31024078	CHR4:31024078	SSF x Near_LoA	-9,58635342	-0,098	0,305
CHR4	31024106	CHR4:31024106	SSF x Near_LoA	-10,4879262	-0,044	0,306
CHR4	31024185	CHR4:31024185	SSF x Near_LoA	-7,96914681	0,105	0,304
CHR4	31027222	CHR4:31027222	SSF x Near_LoA	-4,60953715	-0,011	0,300
CHR4	31027225	CHR4:31027225	SSF x Near_LoA	-11,3449336	0,067	0,306
CHR4	31027227	CHR4:31027227	SSF x Near_LoA	-12,1363253	0,043	0,298
CHR4	31029736	CHR4:31029736	SSF x Near_LoA	-7,54711428	0,004	0,306
CHR4	31029755	CHR4:31029755	SSF x Near_LoA	-8,77376416	-0,048	0,302
CHR4	31029820	CHR4:31029820	SSF x Near_LoA	-9,22227134	0,073	0,291
CHR4	31029825	CHR4:31029825	SSF x Near_LoA	-8,42820482	-0,042	0,302
CHR4	31030290	CHR4:31030290	SSF x Near_LoA	-11,0909527	0,080	0,303
CHR4	31032140	CHR4:31032140	SSF x Near_LoA	-8,67357773	0,067	0,302
CHR4	31032212	CHR4:31032212	SSF x Near_LoA	-8,34227743	-0,049	0,309
CHR4	31032233	CHR4:31032233	SSF x Near_LoA	-9,44538127	0,054	0,295
CHR4	31032237	CHR4:31032237	SSF x Near_LoA	-9,20253949	0,024	0,317
CHR4	31032408	CHR4:31032408	SSF x Near_LoA	-8,52900072	0,004	0,306
CHR4	31032449	CHR4:31032449	SSF x Near_LoA	-10,9122344	0,009	0,315
CHR4	31032464	CHR4:31032464	SSF x Near_LoA	-2,18694527	0,013	0,315
CHR4	31033378	CHR4:31033378	SSF x Near_LoA	-9,65343193	0,071	0,296
CHR4	31036248	CHR4:31036248	SSF x Near_LoA	-10,0973168	0,026	0,291
CHR4	31038291	CHR4:31038291	SSF x Near_LoA	-10,6226691	0,094	0,299
CHR4	31048438	CHR4:31048438	SSF x Near_LoA	-9,71726502	-0,028	0,318
CHR4	31048463	CHR4:31048463	SSF x Near_LoA	-10,6571999	0,039	0,314
CHR4	31050988	CHR4:31050988	SSF x Near_LoA	-10,7894182	0,017	0,305
CHR4	31050989	CHR4:31050989	SSF x Near_LoA	-10,1108201	0,024	0,299
CHR4	31051171	CHR4:31051171	SSF x Near_LoA	-9,90608907	-0,138	0,309
CHR4	31055617	CHR4:31055617	SSF x Near_LoA	-8,29804859	-0,049	0,305
CHR4	31062041	CHR4:31062041	SSF x Near_LoA	-8,24097807	0,133	0,302
CHR4	31063873	CHR4:31063873	SSF x Near_LoA	-9,80557257	0,044	0,300
CHR4	31063934	CHR4:31063934	SSF x Near_LoA	-9,92418267	0,004	0,315
CHR4	31063935	CHR4:31063935	SSF x Near_LoA	-8,35231633	0,005	0,321
CHR4	31063944	CHR4:31063944	SSF x Near_LoA	-9,402796	-0,012	0,319
CHR4	31065954	CHR4:31065954	SSF x Near_LoA	-11,0043654	-0,050	0,310
CHR4	31066056	CHR4:31066056	SSF x Near_LoA	-8,57591779	-0,095	0,306
CHR4	31070384	CHR4:31070384	SSF x Near_LoA	-9,13413363	0,020	0,312
CHR4	31070459	CHR4:31070459	SSF x Near_LoA	-10,9248688	-0,012	0,323
CHR4	31071967	CHR4:31071967	SSF x Near_LoA	-2,11401747	0,022	0,313
CHR4	31071972	CHR4:31071972	SSF x Near_LoA	-7,3964357	0,034	0,315
CHR4	31071978	CHR4:31071978	SSF x Near_LoA	-9,3284846	0,050	0,320
CHR4	31076681	CHR4:31076681	SSF x Near_LoA	-8,26716969	0,030	0,317
CHR4	31078406	CHR4:31078406	SSF x Near_LoA	-6,16348749	0,148	0,303
CHR4	31078431	CHR4:31078431	SSF x Near_LoA	-7,5102183	0,125	0,311
CHR4	31078465	CHR4:31078465	SSF x Near_LoA	-9,91635108	0,087	0,305

CHR4	31078501	CHR4:31078501	SSF x Near_LoA	-4,2583487	0,142	0,299
CHR4	31084778	CHR4:31084778	SSF x Near_LoA	-9,03976935	0,006	0,308
CHR4	31084853	CHR4:31084853	SSF x Near_LoA	-8,90036511	0,004	0,304
CHR4	31084854	CHR4:31084854	SSF x Near_LoA	-9,0268983	-0,006	0,299
CHR4	31084868	CHR4:31084868	SSF x Near_LoA	-11,0926762	0,023	0,306
CHR4	31084879	CHR4:31084879	SSF x Near_LoA	-11,5367976	0,039	0,309
CHR4	31084881	CHR4:31084881	SSF x Near_LoA	-11,7770957	0,008	0,305
CHR4	31094714	CHR4:31094714	SSF x Near_LoA	-9,69347123	-0,057	0,316
CHR4	31105375	CHR4:31105375	SSF x Near_LoA	-9,87877141	-0,013	0,309
CHR4	31109270	CHR4:31109270	SSF x Near_LoA	-10,3288555	-0,038	0,305
CHR4	31114338	CHR4:31114338	SSF x Near_LoA	-9,47292483	-0,058	0,305
CHR4	31114350	CHR4:31114350	SSF x Near_LoA	-9,96623009	0,036	0,314
CHR4	31114576	CHR4:31114576	SSF x Near_LoA	-11,331339	-0,001	0,320
CHR4	31120677	CHR4:31120677	SSF x Near_LoA	-9,06583636	-0,080	0,296
CHR4	31120768	CHR4:31120768	SSF x Near_LoA	-10,5143378	-0,101	0,295
CHR4	31120811	CHR4:31120811	SSF x Near_LoA	-10,3530948	-0,088	0,325
CHR4	31120851	CHR4:31120851	SSF x Near_LoA	-10,1228096	-0,070	0,319
CHR4	31124589	CHR4:31124589	SSF x Near_LoA	-11,4931689	-0,050	0,302
CHR4	31124632	CHR4:31124632	SSF x Near_LoA	-4,22852824	0,019	0,298
CHR4	31126402	CHR4:31126402	SSF x Near_LoA	-10,1174864	-0,009	0,315
CHR4	31126418	CHR4:31126418	SSF x Near_LoA	-10,0029785	0,028	0,321
CHR4	31126461	CHR4:31126461	SSF x Near_LoA	-10,1005794	-0,089	0,304
CHR4	31126474	CHR4:31126474	SSF x Near_LoA	-8,48573549	0,032	0,313
CHR4	31126501	CHR4:31126501	SSF x Near_LoA	-10,3550555	0,025	0,321
CHR4	31126526	CHR4:31126526	SSF x Near_LoA	-6,52765236	0,014	0,317
CHR4	31126558	CHR4:31126558	SSF x Near_LoA	-10,7754547	0,093	0,308
CHR4	31126580	CHR4:31126580	SSF x Near_LoA	-9,32751241	-0,053	0,316
CHR4	31126652	CHR4:31126652	SSF x Near_LoA	-8,91699757	-0,021	0,311
CHR4	31126667	CHR4:31126667	SSF x Near_LoA	-10,9444506	-0,054	0,316
CHR4	31131369	CHR4:31131369	SSF x Near_LoA	-8,68902525	-0,028	0,295
CHR4	31131444	CHR4:31131444	SSF x Near_LoA	-10,7293067	-0,054	0,311
CHR4	31144101	CHR4:31144101	SSF x Near_LoA	-10,2825167	0,002	0,316
CHR4	31144165	CHR4:31144165	SSF x Near_LoA	-9,15179142	0,116	0,297
CHR4	31152989	CHR4:31152989	SSF x Near_LoA	-9,15869026	0,037	0,301
CHR4	31155077	CHR4:31155077	SSF x Near_LoA	-10,734815	0,022	0,294
CHR4	31155627	CHR4:31155627	SSF x Near_LoA	-10,4310526	0,017	0,323
CHR4	31155630	CHR4:31155630	SSF x Near_LoA	-9,40722904	-0,007	0,327
CHR4	31159000	CHR4:31159000	SSF x Near_LoA	-11,5440232	-0,028	0,326
CHR4	31159027	CHR4:31159027	SSF x Near_LoA	-8,86390055	0,121	0,298
CHR4	31159117	CHR4:31159117	SSF x Near_LoA	-8,53361305	0,038	0,315
CHR4	31159138	CHR4:31159138	SSF x Near_LoA	-10,8892765	0,016	0,309
CHR4	31159175	CHR4:31159175	SSF x Near_LoA	-11,0759131	-0,067	0,315
CHR4	31159176	CHR4:31159176	SSF x Near_LoA	-2,68146776	0,017	0,314
CHR4	31159195	CHR4:31159195	SSF x Near_LoA	-11,0249448	0,037	0,306
CHR4	31159210	CHR4:31159210	SSF x Near_LoA	-8,83659647	0,014	0,324
CHR4	31159226	CHR4:31159226	SSF x Near_LoA	-8,21150154	-0,057	0,302
CHR4	31159235	CHR4:31159235	SSF x Near_LoA	-8,04585588	-0,014	0,298
CHR4	31159246	CHR4:31159246	SSF x Near_LoA	-9,04911903	-0,047	0,306
CHR4	31159259	CHR4:31159259	SSF x Near_LoA	-10,4683336	0,056	0,301
CHR4	31160381	CHR4:31160381	SSF x Near_LoA	-9,44410889	0,029	0,300
CHR4	31160388	CHR4:31160388	SSF x Near_LoA	-11,1621474	0,054	0,304
CHR4	3116888	CHR4:3116888	SSF x Near_LoA	-8,39619005	0,007	0,318
CHR4	31169736	CHR4:31169736	SSF x Near_LoA	-7,83164239	-0,101	0,315

CHR4	31169797	CHR4:31169797	SSF x Near_LoA	-8,4044354	0,027	0,318
CHR4	31169798	CHR4:31169798	SSF x Near_LoA	-9,94858003	-0,136	0,293
CHR4	31173194	CHR4:31173194	SSF x Near_LoA	-10,764694	0,108	0,294
CHR4	31173202	CHR4:31173202	SSF x Near_LoA	-10,7696652	-0,020	0,306
CHR4	31173204	CHR4:31173204	SSF x Near_LoA	-8,42220974	-0,031	0,326
CHR4	31173297	CHR4:31173297	SSF x Near_LoA	-5,71799377	0,015	0,321
CHR4	31173367	CHR4:31173367	SSF x Near_LoA	-7,25847058	0,036	0,298
CHR4	31177036	CHR4:31177036	SSF x Near_LoA	-10,6888154	-0,125	0,307
CHR4	31179283	CHR4:31179283	SSF x Near_LoA	-8,90284648	0,051	0,315
CHR4	31179312	CHR4:31179312	SSF x Near_LoA	-11,1409053	-0,066	0,298
CHR4	31179375	CHR4:31179375	SSF x Near_LoA	-9,29505738	0,080	0,303
CHR4	31179398	CHR4:31179398	SSF x Near_LoA	-12,080073	0,075	0,298
CHR4	31179544	CHR4:31179544	SSF x Near_LoA	-7,37264094	0,171	0,297
CHR4	31185500	CHR4:31185500	SSF x Near_LoA	-4,84265407	0,224	0,291
CHR4	31185507	CHR4:31185507	SSF x Near_LoA	-9,32165066	-0,052	0,313
CHR4	31185543	CHR4:31185543	SSF x Near_LoA	-7,26483564	-0,055	0,319
CHR4	31185554	CHR4:31185554	SSF x Near_LoA	-9,0663205	0,008	0,301
CHR4	31185564	CHR4:31185564	SSF x Near_LoA	-8,73444759	0,029	0,308
CHR4	31185600	CHR4:31185600	SSF x Near_LoA	-9,40353923	0,133	0,303
CHR4	31185603	CHR4:31185603	SSF x Near_LoA	-10,9651536	-0,067	0,312
CHR4	31185614	CHR4:31185614	SSF x Near_LoA	-5,79203075	0,128	0,319
CHR4	31185617	CHR4:31185617	SSF x Near_LoA	-11,3934295	-0,072	0,313
CHR4	31185625	CHR4:31185625	SSF x Near_LoA	-6,9751618	0,189	0,302
CHR4	31185740	CHR4:31185740	SSF x Near_LoA	-8,70693598	-0,046	0,303
CHR4	31185749	CHR4:31185749	SSF x Near_LoA	-11,4291457	0,032	0,297
CHR4	31202479	CHR4:31202479	SSF x Near_LoA	-10,1412866	-0,019	0,300
CHR4	31202609	CHR4:31202609	SSF x Near_LoA	-9,56115574	-0,021	0,305
CHR4	31202666	CHR4:31202666	SSF x Near_LoA	-9,18077934	-0,038	0,305
CHR4	31202714	CHR4:31202714	SSF x Near_LoA	-11,9058556	-0,018	0,302
CHR4	31218541	CHR4:31218541	SSF x Near_LoA	-8,78525407	-0,009	0,309
CHR4	31218578	CHR4:31218578	SSF x Near_LoA	-9,80870104	0,007	0,306
CHR4	31218581	CHR4:31218581	SSF x Near_LoA	-10,1619454	-0,046	0,315
CHR4	31218583	CHR4:31218583	SSF x Near_LoA	-9,03882666	-0,004	0,307
CHR4	31218597	CHR4:31218597	SSF x Near_LoA	-11,0135011	-0,096	0,311
CHR4	3121867	CHR4:3121867	SSF x Near_LoA	-11,7869097	-0,027	0,307
CHR4	3121916	CHR4:3121916	SSF x Near_LoA	-9,70778622	0,002	0,295
CHR4	3121943	CHR4:3121943	SSF x Near_LoA	-8,78293723	-0,032	0,307
CHR4	31225504	CHR4:31225504	SSF x Near_LoA	-10,3277497	0,055	0,298
CHR4	31225505	CHR4:31225505	SSF x Near_LoA	-9,99285181	0,054	0,301
CHR4	31225551	CHR4:31225551	SSF x Near_LoA	-8,1857728	-0,029	0,305
CHR4	31239892	CHR4:31239892	SSF x Near_LoA	-8,57324141	0,070	0,315
CHR4	31239980	CHR4:31239980	SSF x Near_LoA	-9,50274661	0,027	0,311
CHR4	31239996	CHR4:31239996	SSF x Near_LoA	-8,68423373	-0,126	0,320
CHR4	31239998	CHR4:31239998	SSF x Near_LoA	-4,21416876	-0,118	0,304
CHR4	31239999	CHR4:31239999	SSF x Near_LoA	-0,38858044	-0,098	0,307
CHR4	31240000	CHR4:31240000	SSF x Near_LoA	-9,74132782	-0,106	0,300
CHR4	31240074	CHR4:31240074	SSF x Near_LoA	-9,25891462	-0,114	0,309
CHR4	3124275	CHR4:3124275	SSF x Near_LoA	-11,1880392	-0,107	0,306
CHR4	3124285	CHR4:3124285	SSF x Near_LoA	-10,8991806	-0,071	0,310
CHR4	3124296	CHR4:3124296	SSF x Near_LoA	-9,48677464	0,099	0,308
CHR4	3124299	CHR4:3124299	SSF x Near_LoA	-9,63329164	0,124	0,305
CHR4	31243370	CHR4:31243370	SSF x Near_LoA	-11,6303978	0,031	0,305
CHR4	31245072	CHR4:31245072	SSF x Near_LoA	-10,1156325	-0,046	0,308

CHR4	31245098	CHR4:31245098	SSF x Near_LoA	-10,2572037	0,083	0,321
CHR4	31245123	CHR4:31245123	SSF x Near_LoA	-12,4425847	-0,017	0,307
CHR4	31245132	CHR4:31245132	SSF x Near_LoA	-12,4947691	0,013	0,295
CHR4	31246334	CHR4:31246334	SSF x Near_LoA	-6,75551671	0,028	0,313
CHR4	31246351	CHR4:31246351	SSF x Near_LoA	-11,0754358	-0,009	0,309
CHR4	31246432	CHR4:31246432	SSF x Near_LoA	-10,0698403	0,082	0,293
CHR4	3124801	CHR4:3124801	SSF x Near_LoA	-11,006026	-0,031	0,311
CHR4	31254298	CHR4:31254298	SSF x Near_LoA	-7,17182722	-0,016	0,307
CHR4	31254324	CHR4:31254324	SSF x Near_LoA	-10,0403142	0,053	0,316
CHR4	31256176	CHR4:31256176	SSF x Near_LoA	-10,1528872	0,002	0,289
CHR4	31256191	CHR4:31256191	SSF x Near_LoA	-11,4913203	0,014	0,318
CHR4	31256211	CHR4:31256211	SSF x Near_LoA	-7,51833294	0,095	0,296
CHR4	31256224	CHR4:31256224	SSF x Near_LoA	-7,42190729	-0,009	0,303
CHR4	31261181	CHR4:31261181	SSF x Near_LoA	-11,0305329	0,060	0,305
CHR4	31261182	CHR4:31261182	SSF x Near_LoA	-7,40206678	0,026	0,305
CHR4	31261185	CHR4:31261185	SSF x Near_LoA	-7,48997052	0,056	0,315
CHR4	31261193	CHR4:31261193	SSF x Near_LoA	-10,7232933	-0,032	0,313
CHR4	31261312	CHR4:31261312	SSF x Near_LoA	-6,65656815	0,146	0,296
CHR4	31267144	CHR4:31267144	SSF x Near_LoA	-10,4473768	0,053	0,296
CHR4	31267159	CHR4:31267159	SSF x Near_LoA	-9,97760651	0,033	0,305
CHR4	31267253	CHR4:31267253	SSF x Near_LoA	-9,88566875	0,048	0,311
CHR4	31275804	CHR4:31275804	SSF x Near_LoA	-10,6730639	0,069	0,303
CHR4	31275851	CHR4:31275851	SSF x Near_LoA	-10,1898224	-0,061	0,309
CHR4	31276773	CHR4:31276773	SSF x Near_LoA	-8,26101673	0,027	0,309
CHR4	31281628	CHR4:31281628	SSF x Near_LoA	-8,64833789	-0,079	0,326
CHR4	31283453	CHR4:31283453	SSF x Near_LoA	-11,4993811	-0,003	0,297
CHR4	31284187	CHR4:31284187	SSF x Near_LoA	-11,4782916	-0,103	0,320
CHR4	31316366	CHR4:31316366	SSF x Near_LoA	-10,2672993	0,103	0,315
CHR4	31317786	CHR4:31317786	SSF x Near_LoA	-10,2842135	0,069	0,305
CHR4	31317796	CHR4:31317796	SSF x Near_LoA	-9,91047402	-0,070	0,314
CHR4	31335368	CHR4:31335368	SSF x Near_LoA	-8,68182085	-0,071	0,307
CHR4	31335377	CHR4:31335377	SSF x Near_LoA	-8,37933875	-0,102	0,298
CHR4	31344335	CHR4:31344335	SSF x Near_LoA	-7,07525276	-0,057	0,301
CHR4	31344446	CHR4:31344446	SSF x Near_LoA	-8,94384044	-0,061	0,285
CHR4	31344518	CHR4:31344518	SSF x Near_LoA	-10,2415596	-0,066	0,311
CHR4	31344554	CHR4:31344554	SSF x Near_LoA	-10,7386839	-0,039	0,306
CHR4	3134756	CHR4:3134756	SSF x Near_LoA	-10,3182167	-0,060	0,296
CHR4	3135047	CHR4:3135047	SSF x Near_LoA	-10,4711492	-0,028	0,299
CHR4	3135062	CHR4:3135062	SSF x Near_LoA	-8,40792124	0,016	0,321
CHR4	31350809	CHR4:31350809	SSF x Near_LoA	-11,5501547	-0,012	0,303
CHR4	3135104	CHR4:3135104	SSF x Near_LoA	-10,1772023	0,057	0,312
CHR4	31352713	CHR4:31352713	SSF x Near_LoA	-9,22744994	0,015	0,316
CHR4	31355876	CHR4:31355876	SSF x Near_LoA	-9,77343462	-0,017	0,310
CHR4	31355947	CHR4:31355947	SSF x Near_LoA	-10,2789972	0,009	0,327
CHR4	3137193	CHR4:3137193	SSF x Near_LoA	-10,5837549	0,007	0,311
CHR4	3137467	CHR4:3137467	SSF x Near_LoA	-8,49008781	0,097	0,305
CHR4	31377751	CHR4:31377751	SSF x Near_LoA	-9,53319549	0,103	0,306
CHR4	31380862	CHR4:31380862	SSF x Near_LoA	-9,45700067	-0,015	0,319
CHR4	31380924	CHR4:31380924	SSF x Near_LoA	-10,6906519	0,002	0,313
CHR4	31380939	CHR4:31380939	SSF x Near_LoA	-8,60236651	-0,076	0,305
CHR4	31380946	CHR4:31380946	SSF x Near_LoA	-7,82598881	-0,044	0,313
CHR4	31381032	CHR4:31381032	SSF x Near_LoA	-10,5759911	-0,126	0,299
CHR4	31381073	CHR4:31381073	SSF x Near_LoA	-10,065513	-0,071	0,317

CHR4	31385603	CHR4:31385603	SSF x Near_LoA	-11,2216269	0,068	0,296
CHR4	31385623	CHR4:31385623	SSF x Near_LoA	-8,88993605	-0,135	0,311
CHR4	31385775	CHR4:31385775	SSF x Near_LoA	-9,39273446	-0,061	0,316
CHR4	31385796	CHR4:31385796	SSF x Near_LoA	-11,4086602	-0,029	0,303
CHR4	31385868	CHR4:31385868	SSF x Near_LoA	-9,98766605	-0,007	0,319
CHR4	31402148	CHR4:31402148	SSF x Near_LoA	-10,6160472	-0,008	0,317
CHR4	31415898	CHR4:31415898	SSF x Near_LoA	-10,6027135	-0,092	0,307
CHR4	31415915	CHR4:31415915	SSF x Near_LoA	-7,62474206	-0,119	0,322
CHR4	31418431	CHR4:31418431	SSF x Near_LoA	-7,61175242	-0,114	0,302
CHR4	31418448	CHR4:31418448	SSF x Near_LoA	-7,07293165	0,121	0,310
CHR4	31418453	CHR4:31418453	SSF x Near_LoA	-5,72180702	0,082	0,313
CHR4	31426726	CHR4:31426726	SSF x Near_LoA	-8,69338797	-0,007	0,315
CHR4	31426745	CHR4:31426745	SSF x Near_LoA	-9,17716249	-0,022	0,299
CHR4	31426752	CHR4:31426752	SSF x Near_LoA	-8,84795502	-0,121	0,317
CHR4	31426754	CHR4:31426754	SSF x Near_LoA	-5,66540863	-0,014	0,304
CHR4	31426814	CHR4:31426814	SSF x Near_LoA	-8,78621033	-0,045	0,305
CHR4	3142818	CHR4:3142818	SSF x Near_LoA	-7,13340283	-0,132	0,299
CHR4	3142836	CHR4:3142836	SSF x Near_LoA	-8,51750296	-0,097	0,304
CHR4	3142895	CHR4:3142895	SSF x Near_LoA	-8,80956008	-0,050	0,297
CHR4	31430448	CHR4:31430448	SSF x Near_LoA	-10,6006967	-0,023	0,317
CHR4	31430449	CHR4:31430449	SSF x Near_LoA	-7,06322966	0,081	0,304
CHR4	31432005	CHR4:31432005	SSF x Near_LoA	-10,011232	0,009	0,303
CHR4	31432013	CHR4:31432013	SSF x Near_LoA	-9,27397031	-0,130	0,302
CHR4	31436250	CHR4:31436250	SSF x Near_LoA	-7,48293475	0,031	0,301
CHR4	31436270	CHR4:31436270	SSF x Near_LoA	-10,9735864	0,025	0,308
CHR4	31436340	CHR4:31436340	SSF x Near_LoA	-8,45165876	-0,002	0,303
CHR4	31436372	CHR4:31436372	SSF x Near_LoA	-9,19701684	-0,016	0,317
CHR4	31444486	CHR4:31444486	SSF x Near_LoA	-10,9533881	-0,068	0,305
CHR4	31444606	CHR4:31444606	SSF x Near_LoA	-8,00531619	-0,094	0,312
CHR4	31444620	CHR4:31444620	SSF x Near_LoA	-8,51477317	-0,049	0,312
CHR4	31452330	CHR4:31452330	SSF x Near_LoA	-10,32434	0,141	0,290
CHR4	31452335	CHR4:31452335	SSF x Near_LoA	-7,80617575	0,162	0,312
CHR4	31452365	CHR4:31452365	SSF x Near_LoA	-7,35449941	-0,042	0,310
CHR4	31452367	CHR4:31452367	SSF x Near_LoA	-7,97011031	-0,026	0,316
CHR4	31452368	CHR4:31452368	SSF x Near_LoA	-8,21748435	-0,026	0,308
CHR4	31452377	CHR4:31452377	SSF x Near_LoA	-9,36507581	-0,052	0,299
CHR4	31452378	CHR4:31452378	SSF x Near_LoA	-10,7276239	-0,073	0,309
CHR4	31452451	CHR4:31452451	SSF x Near_LoA	-7,53811372	0,030	0,315
CHR4	31452471	CHR4:31452471	SSF x Near_LoA	-10,7873211	-0,106	0,313
CHR4	31452483	CHR4:31452483	SSF x Near_LoA	-10,2800711	-0,015	0,312
CHR4	31464000	CHR4:31464000	SSF x Near_LoA	-7,63758392	0,036	0,320
CHR4	31464008	CHR4:31464008	SSF x Near_LoA	-8,38391536	0,017	0,309
CHR4	31464028	CHR4:31464028	SSF x Near_LoA	-11,0058997	0,010	0,302
CHR4	31464031	CHR4:31464031	SSF x Near_LoA	-8,68906802	-0,014	0,313
CHR4	31464100	CHR4:31464100	SSF x Near_LoA	-9,22315142	0,012	0,307
CHR4	31464105	CHR4:31464105	SSF x Near_LoA	-9,71806886	-0,004	0,299
CHR4	31465438	CHR4:31465438	SSF x Near_LoA	-11,4729803	0,034	0,300
CHR4	31466425	CHR4:31466425	SSF x Near_LoA	-11,5043753	-0,019	0,305
CHR4	31492664	CHR4:31492664	SSF x Near_LoA	-9,26269001	0,071	0,301
CHR4	31492667	CHR4:31492667	SSF x Near_LoA	-10,7394233	0,049	0,306
CHR4	31496143	CHR4:31496143	SSF x Near_LoA	-6,34052633	-0,058	0,323
CHR4	31496235	CHR4:31496235	SSF x Near_LoA	-7,58276938	0,019	0,312
CHR4	3149710	CHR4:3149710	SSF x Near_LoA	-8,8014144	-0,134	0,297

CHR4	3149725	CHR4:3149725	SSF x Near_LoA	-9,84806241	0,035	0,315
CHR4	31523782	CHR4:31523782	SSF x Near_LoA	-11,2198803	-0,028	0,304
CHR4	31523795	CHR4:31523795	SSF x Near_LoA	-9,01745822	-0,122	0,311
CHR4	31523890	CHR4:31523890	SSF x Near_LoA	-11,6194195	-0,070	0,307
CHR4	31523904	CHR4:31523904	SSF x Near_LoA	-11,2618781	0,008	0,307
CHR4	31523911	CHR4:31523911	SSF x Near_LoA	-10,6020609	0,062	0,310
CHR4	31523970	CHR4:31523970	SSF x Near_LoA	-9,21812363	0,098	0,301
CHR4	31524023	CHR4:31524023	SSF x Near_LoA	-9,29366348	-0,079	0,312
CHR4	31524075	CHR4:31524075	SSF x Near_LoA	-8,92340141	0,001	0,309
CHR4	31538180	CHR4:31538180	SSF x Near_LoA	-8,83445098	0,002	0,306
CHR4	31540872	CHR4:31540872	SSF x Near_LoA	-9,31525817	0,033	0,301
CHR4	31541011	CHR4:31541011	SSF x Near_LoA	-8,21863821	0,011	0,314
CHR4	31548053	CHR4:31548053	SSF x Near_LoA	-8,81200345	-0,008	0,309
CHR4	31552798	CHR4:31552798	SSF x Near_LoA	-8,52481811	0,012	0,309
CHR4	31575311	CHR4:31575311	SSF x Near_LoA	-10,7603088	-0,027	0,305
CHR4	31576135	CHR4:31576135	SSF x Near_LoA	-9,77048858	0,045	0,311
CHR4	31576141	CHR4:31576141	SSF x Near_LoA	-10,7489612	0,062	0,300
CHR4	31576155	CHR4:31576155	SSF x Near_LoA	-11,2833422	0,031	0,312
CHR4	31576166	CHR4:31576166	SSF x Near_LoA	3,15419225	-0,009	0,315
CHR4	31576231	CHR4:31576231	SSF x Near_LoA	-9,54949645	0,032	0,314
CHR4	31577600	CHR4:31577600	SSF x Near_LoA	-6,60268185	-0,015	0,313
CHR4	31577679	CHR4:31577679	SSF x Near_LoA	-5,84606027	-0,102	0,316
CHR4	31577707	CHR4:31577707	SSF x Near_LoA	-8,77743134	-0,070	0,308
CHR4	31577734	CHR4:31577734	SSF x Near_LoA	-9,20245085	-0,103	0,313
CHR4	31577779	CHR4:31577779	SSF x Near_LoA	-10,9219287	0,032	0,301
CHR4	3157972	CHR4:3157972	SSF x Near_LoA	-5,69915722	-0,102	0,305
CHR4	3157975	CHR4:3157975	SSF x Near_LoA	-11,0533083	0,081	0,297
CHR4	3158021	CHR4:3158021	SSF x Near_LoA	-7,21049327	-0,081	0,298
CHR4	31580375	CHR4:31580375	SSF x Near_LoA	-8,41267275	-0,007	0,317
CHR4	31580397	CHR4:31580397	SSF x Near_LoA	-10,4672178	0,007	0,306
CHR4	31580416	CHR4:31580416	SSF x Near_LoA	-10,5219004	-0,002	0,311
CHR4	31580429	CHR4:31580429	SSF x Near_LoA	-8,27551843	0,042	0,313
CHR4	31584766	CHR4:31584766	SSF x Near_LoA	-8,39464068	0,051	0,294
CHR4	31585981	CHR4:31585981	SSF x Near_LoA	-8,82687142	-0,029	0,318
CHR4	31600040	CHR4:31600040	SSF x Near_LoA	-7,33528605	0,133	0,307
CHR4	31622252	CHR4:31622252	SSF x Near_LoA	-10,2892549	-0,022	0,300
CHR4	31633721	CHR4:31633721	SSF x Near_LoA	-8,3413811	0,037	0,299
CHR4	31633819	CHR4:31633819	SSF x Near_LoA	-11,9718275	-0,007	0,298
CHR4	31633913	CHR4:31633913	SSF x Near_LoA	-10,2341325	-0,129	0,299
CHR4	31633930	CHR4:31633930	SSF x Near_LoA	-8,43804308	-0,038	0,326
CHR4	31648720	CHR4:31648720	SSF x Near_LoA	-2,63744951	-0,026	0,319
CHR4	31648735	CHR4:31648735	SSF x Near_LoA	-9,12445432	-0,056	0,311
CHR4	31653491	CHR4:31653491	SSF x Near_LoA	-9,65456335	0,073	0,315
CHR4	31663602	CHR4:31663602	SSF x Near_LoA	-10,1584777	-0,042	0,307
CHR4	31663642	CHR4:31663642	SSF x Near_LoA	-7,81036629	-0,190	0,301
CHR4	31663742	CHR4:31663742	SSF x Near_LoA	-8,59113875	0,079	0,301
CHR4	31663745	CHR4:31663745	SSF x Near_LoA	-12,3588922	-0,017	0,296
CHR4	31665255	CHR4:31665255	SSF x Near_LoA	-8,68844403	0,047	0,304
CHR4	31686010	CHR4:31686010	SSF x Near_LoA	-10,2048919	0,060	0,300
CHR4	31686079	CHR4:31686079	SSF x Near_LoA	-10,7532927	-0,025	0,315
CHR4	31686351	CHR4:31686351	SSF x Near_LoA	-11,8546807	0,006	0,299
CHR4	31686383	CHR4:31686383	SSF x Near_LoA	-10,0792047	0,088	0,308
CHR4	31699845	CHR4:31699845	SSF x Near_LoA	-9,71652247	0,028	0,309

CHR4	31700077	CHR4:31700077	SSF x Near_LoA	-11,2549713	-0,059	0,307
CHR4	31717230	CHR4:31717230	SSF x Near_LoA	-10,9067245	0,038	0,302
CHR4	31717233	CHR4:31717233	SSF x Near_LoA	-8,0812079	0,075	0,325
CHR4	31717235	CHR4:31717235	SSF x Near_LoA	-9,05157422	-0,085	0,304
CHR4	31717289	CHR4:31717289	SSF x Near_LoA	-9,61479714	0,004	0,309
CHR4	31717299	CHR4:31717299	SSF x Near_LoA	-10,6764887	0,080	0,303
CHR4	31717300	CHR4:31717300	SSF x Near_LoA	-8,64296882	-0,065	0,304
CHR4	31717360	CHR4:31717360	SSF x Near_LoA	-3,79674832	-0,084	0,304
CHR4	31717363	CHR4:31717363	SSF x Near_LoA	-11,6441351	0,010	0,319
CHR4	31717397	CHR4:31717397	SSF x Near_LoA	-8,47788719	-0,123	0,305
CHR4	31717409	CHR4:31717409	SSF x Near_LoA	-10,4854162	0,047	0,313
CHR4	31722181	CHR4:31722181	SSF x Near_LoA	-8,62660566	0,032	0,304
CHR4	31722182	CHR4:31722182	SSF x Near_LoA	-7,5062492	0,039	0,316
CHR4	31722247	CHR4:31722247	SSF x Near_LoA	-3,77874791	-0,051	0,304
CHR4	31726945	CHR4:31726945	SSF x Near_LoA	-10,2175736	-0,021	0,305
CHR4	31726948	CHR4:31726948	SSF x Near_LoA	-10,2339474	-0,039	0,302
CHR4	31727243	CHR4:31727243	SSF x Near_LoA	-8,81386669	-0,002	0,312
CHR4	31745121	CHR4:31745121	SSF x Near_LoA	-8,05105917	0,125	0,297
CHR4	31745164	CHR4:31745164	SSF x Near_LoA	-10,6408921	0,010	0,305
CHR4	31745240	CHR4:31745240	SSF x Near_LoA	-8,68514478	0,113	0,310
CHR4	31745357	CHR4:31745357	SSF x Near_LoA	-11,227416	-0,029	0,300
CHR4	31755657	CHR4:31755657	SSF x Near_LoA	-8,31787467	0,003	0,318
CHR4	31755665	CHR4:31755665	SSF x Near_LoA	-9,35145708	-0,090	0,296
CHR4	31755696	CHR4:31755696	SSF x Near_LoA	-9,50558466	0,030	0,313
CHR4	31755730	CHR4:31755730	SSF x Near_LoA	-9,82701218	0,016	0,292
CHR4	31755767	CHR4:31755767	SSF x Near_LoA	-10,1775814	-0,092	0,307
CHR4	31760320	CHR4:31760320	SSF x Near_LoA	-9,70376208	0,071	0,318
CHR4	31760385	CHR4:31760385	SSF x Near_LoA	-10,4214667	-0,039	0,310
CHR4	31760535	CHR4:31760535	SSF x Near_LoA	-9,89709227	0,054	0,303
CHR4	31768142	CHR4:31768142	SSF x Near_LoA	-8,86288682	-0,032	0,327
CHR4	31768186	CHR4:31768186	SSF x Near_LoA	-10,5079102	0,028	0,309
CHR4	31768211	CHR4:31768211	SSF x Near_LoA	-10,0157851	-0,020	0,319
CHR4	31775486	CHR4:31775486	SSF x Near_LoA	-6,8775864	0,172	0,289
CHR4	31775571	CHR4:31775571	SSF x Near_LoA	-10,9327675	-0,067	0,314
CHR4	31775597	CHR4:31775597	SSF x Near_LoA	-10,9806823	-0,046	0,315
CHR4	31775611	CHR4:31775611	SSF x Near_LoA	-9,30508951	0,159	0,297
CHR4	31775630	CHR4:31775630	SSF x Near_LoA	-7,45830348	0,026	0,300
CHR4	31779437	CHR4:31779437	SSF x Near_LoA	-7,79888751	0,081	0,316
CHR4	31779479	CHR4:31779479	SSF x Near_LoA	-12,4624391	-0,006	0,298
CHR4	31779531	CHR4:31779531	SSF x Near_LoA	-11,1238862	0,003	0,307
CHR4	317834	CHR4:317834	SSF x Near_LoA	-8,59509255	-0,028	0,303
CHR4	31784035	CHR4:31784035	SSF x Near_LoA	-9,76338164	-0,022	0,311
CHR4	3178415	CHR4:3178415	SSF x Near_LoA	-9,46142119	-0,023	0,308
CHR4	3178489	CHR4:3178489	SSF x Near_LoA	-9,90122209	-0,069	0,290
CHR4	3179276	CHR4:3179276	SSF x Near_LoA	-10,1334669	0,084	0,309
CHR4	3179306	CHR4:3179306	SSF x Near_LoA	-10,4544019	-0,026	0,314
CHR4	3179326	CHR4:3179326	SSF x Near_LoA	-11,4892397	0,087	0,313
CHR4	3179443	CHR4:3179443	SSF x Near_LoA	-8,48530081	-0,023	0,301
CHR4	3179446	CHR4:3179446	SSF x Near_LoA	-10,7110113	0,012	0,299
CHR4	31796189	CHR4:31796189	SSF x Near_LoA	-8,84981384	-0,097	0,300
CHR4	31803590	CHR4:31803590	SSF x Near_LoA	-10,1642511	0,012	0,310
CHR4	31803728	CHR4:31803728	SSF x Near_LoA	-10,9961943	-0,067	0,306
CHR4	31803761	CHR4:31803761	SSF x Near_LoA	-8,28216991	0,037	0,306

CHR4	31807102	CHR4:31807102	SSF x Near_LoA	-9,24687366	-0,030	0,305
CHR4	31816840	CHR4:31816840	SSF x Near_LoA	-8,8652351	-0,047	0,295
CHR4	31816847	CHR4:31816847	SSF x Near_LoA	-10,4268085	-0,031	0,303
CHR4	31828555	CHR4:31828555	SSF x Near_LoA	-10,276726	0,028	0,318
CHR4	31833048	CHR4:31833048	SSF x Near_LoA	-8,39155368	0,028	0,304
CHR4	31837734	CHR4:31837734	SSF x Near_LoA	-8,15262486	0,070	0,305
CHR4	31837794	CHR4:31837794	SSF x Near_LoA	-7,5359342	0,108	0,300
CHR4	31837830	CHR4:31837830	SSF x Near_LoA	-9,57140542	-0,047	0,309
CHR4	31837866	CHR4:31837866	SSF x Near_LoA	-10,0275338	0,090	0,303
CHR4	31837992	CHR4:31837992	SSF x Near_LoA	-10,0704164	0,038	0,316
CHR4	3184101	CHR4:3184101	SSF x Near_LoA	-9,66539209	0,071	0,294
CHR4	31843168	CHR4:31843168	SSF x Near_LoA	-10,0010679	0,089	0,309
CHR4	31843178	CHR4:31843178	SSF x Near_LoA	-11,7388138	-0,023	0,311
CHR4	31843217	CHR4:31843217	SSF x Near_LoA	-7,73180428	-0,051	0,316
CHR4	31843275	CHR4:31843275	SSF x Near_LoA	-9,65471763	0,094	0,308
CHR4	31843307	CHR4:31843307	SSF x Near_LoA	-7,94525919	0,070	0,314
CHR4	3185100	CHR4:3185100	SSF x Near_LoA	-10,4309297	-0,027	0,307
CHR4	31858164	CHR4:31858164	SSF x Near_LoA	-9,46856823	0,039	0,300
CHR4	31858243	CHR4:31858243	SSF x Near_LoA	-9,49875363	0,027	0,319
CHR4	31858284	CHR4:31858284	SSF x Near_LoA	-9,26430462	-0,019	0,298
CHR4	31860142	CHR4:31860142	SSF x Near_LoA	-9,25022647	-0,040	0,329
CHR4	31860291	CHR4:31860291	SSF x Near_LoA	-9,28865126	-0,037	0,315
CHR4	3186248	CHR4:3186248	SSF x Near_LoA	-8,17926542	0,119	0,315
CHR4	3186285	CHR4:3186285	SSF x Near_LoA	-11,7224724	0,056	0,302
CHR4	3186325	CHR4:3186325	SSF x Near_LoA	-9,41122432	0,027	0,315
CHR4	3186326	CHR4:3186326	SSF x Near_LoA	-10,502759	-0,061	0,305
CHR4	3186375	CHR4:3186375	SSF x Near_LoA	-8,29269653	0,036	0,300
CHR4	3186403	CHR4:3186403	SSF x Near_LoA	-9,52286408	0,120	0,304
CHR4	3186415	CHR4:3186415	SSF x Near_LoA	-9,04105742	-0,022	0,316
CHR4	31876569	CHR4:31876569	SSF x Near_LoA	-10,1646737	0,060	0,293
CHR4	318796	CHR4:318796	SSF x Near_LoA	-8,80208274	-0,080	0,294
CHR4	31884257	CHR4:31884257	SSF x Near_LoA	-7,81495588	0,002	0,318
CHR4	31884300	CHR4:31884300	SSF x Near_LoA	-9,14263494	-0,010	0,301
CHR4	31888588	CHR4:31888588	SSF x Near_LoA	-9,55122799	0,130	0,303
CHR4	31888598	CHR4:31888598	SSF x Near_LoA	-7,15659653	0,152	0,305
CHR4	3189377	CHR4:3189377	SSF x Near_LoA	-7,43566891	-0,082	0,300
CHR4	3189379	CHR4:3189379	SSF x Near_LoA	-10,3510541	-0,038	0,308
CHR4	3189418	CHR4:3189418	SSF x Near_LoA	-11,8540989	-0,018	0,310
CHR4	3189482	CHR4:3189482	SSF x Near_LoA	-8,326201	0,165	0,310
CHR4	31896019	CHR4:31896019	SSF x Near_LoA	-6,41660955	-0,140	0,300
CHR4	31906201	CHR4:31906201	SSF x Near_LoA	-3,57752765	0,007	0,317
CHR4	31907298	CHR4:31907298	SSF x Near_LoA	-9,98718811	-0,064	0,305
CHR4	31907475	CHR4:31907475	SSF x Near_LoA	-4,94203028	0,088	0,304
CHR4	31907483	CHR4:31907483	SSF x Near_LoA	-11,9180044	0,034	0,303
CHR4	31907496	CHR4:31907496	SSF x Near_LoA	-8,94119448	-0,043	0,303
CHR4	31912124	CHR4:31912124	SSF x Near_LoA	-5,56666617	-0,080	0,312
CHR4	31918918	CHR4:31918918	SSF x Near_LoA	-9,67268451	-0,081	0,315
CHR4	31918932	CHR4:31918932	SSF x Near_LoA	-7,60536202	-0,018	0,317
CHR4	31918949	CHR4:31918949	SSF x Near_LoA	-11,4803664	0,033	0,302
CHR4	31920310	CHR4:31920310	SSF x Near_LoA	-11,2590826	0,028	0,313
CHR4	31920344	CHR4:31920344	SSF x Near_LoA	-10,8761828	-0,020	0,306
CHR4	31920375	CHR4:31920375	SSF x Near_LoA	-10,6203322	-0,042	0,298
CHR4	31920469	CHR4:31920469	SSF x Near_LoA	-8,90470035	0,095	0,303

CHR4	31920580	CHR4:31920580	SSF x Near_LoA	-9,2499264	0,021	0,310
CHR4	31934968	CHR4:31934968	SSF x Near_LoA	-9,59362093	0,034	0,314
CHR4	31935019	CHR4:31935019	SSF x Near_LoA	-9,53858612	0,044	0,301
CHR4	31935044	CHR4:31935044	SSF x Near_LoA	-7,41954377	0,035	0,316
CHR4	31989727	CHR4:31989727	SSF x Near_LoA	-9,61250641	-0,099	0,299
CHR4	31989928	CHR4:31989928	SSF x Near_LoA	-7,11175478	0,156	0,299
CHR4	31989981	CHR4:31989981	SSF x Near_LoA	-11,3688063	0,032	0,308
CHR4	31990010	CHR4:31990010	SSF x Near_LoA	-10,8098775	0,017	0,311
CHR4	31990026	CHR4:31990026	SSF x Near_LoA	-10,4038436	0,017	0,310
CHR4	31995048	CHR4:31995048	SSF x Near_LoA	-8,55218594	0,088	0,304
CHR4	32002124	CHR4:32002124	SSF x Near_LoA	-8,91285252	-0,015	0,314
CHR4	32002261	CHR4:32002261	SSF x Near_LoA	-7,34879343	-0,025	0,303
CHR4	32015107	CHR4:32015107	SSF x Near_LoA	-8,19270157	-0,086	0,307
CHR4	32015110	CHR4:32015110	SSF x Near_LoA	-7,36551966	-0,073	0,303
CHR4	32016589	CHR4:32016589	SSF x Near_LoA	-9,00228998	-0,133	0,290
CHR4	32016628	CHR4:32016628	SSF x Near_LoA	-8,76587052	0,012	0,312
CHR4	32016656	CHR4:32016656	SSF x Near_LoA	-8,37341088	0,006	0,293
CHR4	32016698	CHR4:32016698	SSF x Near_LoA	-9,68963843	0,105	0,317
CHR4	32016708	CHR4:32016708	SSF x Near_LoA	-9,86951442	-0,026	0,300
CHR4	32016801	CHR4:32016801	SSF x Near_LoA	-6,98133483	-0,057	0,297
CHR4	3201763	CHR4:3201763	SSF x Near_LoA	-11,7239366	-0,053	0,303
CHR4	3201814	CHR4:3201814	SSF x Near_LoA	-10,0186638	-0,052	0,309
CHR4	3202143	CHR4:3202143	SSF x Near_LoA	-10,7944746	0,051	0,309
CHR4	32023236	CHR4:32023236	SSF x Near_LoA	-6,58568176	0,182	0,284
CHR4	32023259	CHR4:32023259	SSF x Near_LoA	-9,65068505	0,004	0,319
CHR4	32030826	CHR4:32030826	SSF x Near_LoA	-10,1712843	-0,034	0,316
CHR4	32030924	CHR4:32030924	SSF x Near_LoA	-11,4446233	0,018	0,312
CHR4	32033148	CHR4:32033148	SSF x Near_LoA	-11,1952192	0,036	0,311
CHR4	32034001	CHR4:32034001	SSF x Near_LoA	-7,99116104	0,143	0,302
CHR4	32034024	CHR4:32034024	SSF x Near_LoA	-4,88429064	0,166	0,292
CHR4	32034032	CHR4:32034032	SSF x Near_LoA	-8,16678217	0,058	0,317
CHR4	32034038	CHR4:32034038	SSF x Near_LoA	-6,7453467	0,131	0,308
CHR4	32034042	CHR4:32034042	SSF x Near_LoA	-4,60371222	0,140	0,307
CHR4	32034091	CHR4:32034091	SSF x Near_LoA	-12,1401972	-0,005	0,300
CHR4	32036935	CHR4:32036935	SSF x Near_LoA	-9,49126894	0,085	0,289
CHR4	32036954	CHR4:32036954	SSF x Near_LoA	-10,5481061	0,101	0,311
CHR4	32037245	CHR4:32037245	SSF x Near_LoA	-8,64489967	-0,101	0,297
CHR4	32044753	CHR4:32044753	SSF x Near_LoA	-8,53142009	-0,120	0,299
CHR4	32044769	CHR4:32044769	SSF x Near_LoA	-8,48441493	-0,113	0,316
CHR4	32044777	CHR4:32044777	SSF x Near_LoA	-8,98828157	0,030	0,311
CHR4	32044805	CHR4:32044805	SSF x Near_LoA	-10,5894589	0,015	0,311
CHR4	32044806	CHR4:32044806	SSF x Near_LoA	-11,9524016	-0,087	0,294
CHR4	32044813	CHR4:32044813	SSF x Near_LoA	-6,37882831	0,099	0,310
CHR4	32044864	CHR4:32044864	SSF x Near_LoA	-12,1432749	-0,069	0,291
CHR4	32044872	CHR4:32044872	SSF x Near_LoA	-11,2407191	-0,059	0,292
CHR4	32047715	CHR4:32047715	SSF x Near_LoA	-5,11543599	0,099	0,306
CHR4	32047784	CHR4:32047784	SSF x Near_LoA	-11,347038	-0,045	0,303
CHR4	32050139	CHR4:32050139	SSF x Near_LoA	-10,8348322	0,013	0,297
CHR4	32058010	CHR4:32058010	SSF x Near_LoA	-10,9739761	-0,002	0,309
CHR4	32058045	CHR4:32058045	SSF x Near_LoA	-7,20765193	-0,034	0,320
CHR4	32058047	CHR4:32058047	SSF x Near_LoA	-9,42505658	-0,049	0,308
CHR4	32058099	CHR4:32058099	SSF x Near_LoA	-4,78845318	0,065	0,303
CHR4	32058250	CHR4:32058250	SSF x Near_LoA	-6,45953253	0,010	0,317

CHR4	32059817	CHR4:32059817	SSF x Near_LoA	-6,68994197	-0,109	0,312
CHR4	32059824	CHR4:32059824	SSF x Near_LoA	-7,23390164	-0,080	0,307
CHR4	32059860	CHR4:32059860	SSF x Near_LoA	-7,70704766	-0,047	0,314
CHR4	32059911	CHR4:32059911	SSF x Near_LoA	-7,93140418	0,095	0,301
CHR4	32059958	CHR4:32059958	SSF x Near_LoA	-5,70486089	-0,123	0,324
CHR4	32060022	CHR4:32060022	SSF x Near_LoA	-8,95315502	0,140	0,292
CHR4	32067036	CHR4:32067036	SSF x Near_LoA	-1,82903233	0,152	0,299
CHR4	32068823	CHR4:32068823	SSF x Near_LoA	-9,41889647	-0,081	0,300
CHR4	32068839	CHR4:32068839	SSF x Near_LoA	-10,5196093	0,133	0,296
CHR4	32068857	CHR4:32068857	SSF x Near_LoA	-9,48751511	0,013	0,310
CHR4	32070877	CHR4:32070877	SSF x Near_LoA	-6,67677169	0,035	0,287
CHR4	32070925	CHR4:32070925	SSF x Near_LoA	-5,23333165	-0,014	0,299
CHR4	32070973	CHR4:32070973	SSF x Near_LoA	-9,74626922	0,110	0,311
CHR4	32070984	CHR4:32070984	SSF x Near_LoA	-8,39888943	-0,108	0,289
CHR4	32083221	CHR4:32083221	SSF x Near_LoA	-10,1927949	0,084	0,301
CHR4	32083222	CHR4:32083222	SSF x Near_LoA	-9,81745899	0,090	0,300
CHR4	32083252	CHR4:32083252	SSF x Near_LoA	-9,16331828	0,062	0,297
CHR4	32083270	CHR4:32083270	SSF x Near_LoA	-8,93523683	0,069	0,317
CHR4	32097577	CHR4:32097577	SSF x Near_LoA	-10,0296616	0,103	0,298
CHR4	32098901	CHR4:32098901	SSF x Near_LoA	-9,84197918	0,091	0,302
CHR4	32104933	CHR4:32104933	SSF x Near_LoA	-9,23489719	0,137	0,300
CHR4	32104937	CHR4:32104937	SSF x Near_LoA	-8,33420471	0,075	0,320
CHR4	32104948	CHR4:32104948	SSF x Near_LoA	-8,91034538	0,094	0,314
CHR4	32106581	CHR4:32106581	SSF x Near_LoA	-8,93825607	0,094	0,313
CHR4	32106787	CHR4:32106787	SSF x Near_LoA	-8,78120306	-0,097	0,309
CHR4	32108036	CHR4:32108036	SSF x Near_LoA	-10,635362	-0,022	0,307
CHR4	32108075	CHR4:32108075	SSF x Near_LoA	-4,52477022	-0,010	0,321
CHR4	32108166	CHR4:32108166	SSF x Near_LoA	-9,85572168	0,122	0,309
CHR4	32111852	CHR4:32111852	SSF x Near_LoA	-10,9669935	0,083	0,302
CHR4	32111901	CHR4:32111901	SSF x Near_LoA	-8,92009898	0,040	0,315
CHR4	32122641	CHR4:32122641	SSF x Near_LoA	-8,70522744	0,036	0,305
CHR4	32126739	CHR4:32126739	SSF x Near_LoA	-8,69755417	0,054	0,317
CHR4	32126744	CHR4:32126744	SSF x Near_LoA	-8,71838457	-0,045	0,300
CHR4	32126780	CHR4:32126780	SSF x Near_LoA	-7,6779742	-0,090	0,320
CHR4	32126784	CHR4:32126784	SSF x Near_LoA	-10,1792605	-0,060	0,306
CHR4	32126791	CHR4:32126791	SSF x Near_LoA	-9,88627939	0,083	0,306
CHR4	32126839	CHR4:32126839	SSF x Near_LoA	-10,8976094	0,009	0,306
CHR4	32129005	CHR4:32129005	SSF x Near_LoA	-7,13554631	-0,134	0,317
CHR4	32129012	CHR4:32129012	SSF x Near_LoA	-10,1814121	-0,029	0,303
CHR4	32129181	CHR4:32129181	SSF x Near_LoA	-10,2038965	-0,027	0,286
CHR4	32129198	CHR4:32129198	SSF x Near_LoA	-8,48061445	0,079	0,311
CHR4	32129211	CHR4:32129211	SSF x Near_LoA	-8,36706658	-0,092	0,306
CHR4	32129225	CHR4:32129225	SSF x Near_LoA	-8,77921292	0,093	0,306
CHR4	32135625	CHR4:32135625	SSF x Near_LoA	-9,42333936	0,070	0,311
CHR4	32135627	CHR4:32135627	SSF x Near_LoA	-8,4270672	0,077	0,302
CHR4	32135737	CHR4:32135737	SSF x Near_LoA	-10,1922032	-0,008	0,291
CHR4	32135780	CHR4:32135780	SSF x Near_LoA	-9,50120497	-0,046	0,306
CHR4	32135783	CHR4:32135783	SSF x Near_LoA	-9,53339082	0,052	0,312
CHR4	32142528	CHR4:32142528	SSF x Near_LoA	-7,83234892	-0,071	0,315
CHR4	3214727	CHR4:3214727	SSF x Near_LoA	-10,1514732	-0,095	0,300
CHR4	32153380	CHR4:32153380	SSF x Near_LoA	-9,33647809	0,082	0,308
CHR4	32153519	CHR4:32153519	SSF x Near_LoA	-8,9314016	0,038	0,308
CHR4	32153571	CHR4:32153571	SSF x Near_LoA	-10,555132	-0,067	0,307

CHR4	32153640	CHR4:32153640	SSF x Near_LoA	-10,818461	-0,058	0,296
CHR4	32153641	CHR4:32153641	SSF x Near_LoA	-7,94556371	-0,007	0,298
CHR4	32153685	CHR4:32153685	SSF x Near_LoA	-9,79016165	0,044	0,295
CHR4	32160186	CHR4:32160186	SSF x Near_LoA	-11,3652521	0,068	0,303
CHR4	32160202	CHR4:32160202	SSF x Near_LoA	-11,2014854	-0,069	0,288
CHR4	32164114	CHR4:32164114	SSF x Near_LoA	-4,73429333	-0,188	0,318
CHR4	32164180	CHR4:32164180	SSF x Near_LoA	-11,2535736	0,090	0,303
CHR4	32164237	CHR4:32164237	SSF x Near_LoA	-6,86344121	0,122	0,305
CHR4	32168282	CHR4:32168282	SSF x Near_LoA	-6,57566251	-0,193	0,301
CHR4	32168530	CHR4:32168530	SSF x Near_LoA	-11,1183478	0,044	0,315
CHR4	32179726	CHR4:32179726	SSF x Near_LoA	-9,1031845	0,034	0,318
CHR4	32179786	CHR4:32179786	SSF x Near_LoA	-11,1480409	0,071	0,307
CHR4	32179846	CHR4:32179846	SSF x Near_LoA	-6,37695952	-0,154	0,305
CHR4	32180002	CHR4:32180002	SSF x Near_LoA	-8,85072906	0,031	0,326
CHR4	32198821	CHR4:32198821	SSF x Near_LoA	-9,68073175	-0,127	0,297
CHR4	32198869	CHR4:32198869	SSF x Near_LoA	-11,1659382	-0,044	0,317
CHR4	32202583	CHR4:32202583	SSF x Near_LoA	-9,75002122	0,065	0,302
CHR4	32202643	CHR4:32202643	SSF x Near_LoA	-8,53415314	0,062	0,295
CHR4	32202652	CHR4:32202652	SSF x Near_LoA	-8,6292961	0,071	0,303
CHR4	32209988	CHR4:32209988	SSF x Near_LoA	-12,0511705	-0,002	0,307
CHR4	32210023	CHR4:32210023	SSF x Near_LoA	-10,4976674	0,047	0,317
CHR4	32210046	CHR4:32210046	SSF x Near_LoA	-11,1118868	-0,004	0,322
CHR4	32210172	CHR4:32210172	SSF x Near_LoA	-9,67825595	-0,023	0,317
CHR4	32210188	CHR4:32210188	SSF x Near_LoA	-9,73260118	-0,003	0,310
CHR4	32210207	CHR4:32210207	SSF x Near_LoA	-8,758331	-0,138	0,294
CHR4	32212669	CHR4:32212669	SSF x Near_LoA	-9,19051311	-0,022	0,311
CHR4	3222303	CHR4:3222303	SSF x Near_LoA	-8,02799319	0,078	0,308
CHR4	3222468	CHR4:3222468	SSF x Near_LoA	-10,4677548	-0,034	0,313
CHR4	3222477	CHR4:3222477	SSF x Near_LoA	-10,7348636	0,014	0,301
CHR4	3222606	CHR4:3222606	SSF x Near_LoA	-10,4177555	-0,132	0,295
CHR4	32226615	CHR4:32226615	SSF x Near_LoA	-9,48310894	0,003	0,314
CHR4	32226619	CHR4:32226619	SSF x Near_LoA	-9,88870308	-0,023	0,294
CHR4	32226627	CHR4:32226627	SSF x Near_LoA	-11,4454761	0,004	0,293
CHR4	32226702	CHR4:32226702	SSF x Near_LoA	-11,3732348	-0,052	0,314
CHR4	32226718	CHR4:32226718	SSF x Near_LoA	-11,1843269	0,132	0,304
CHR4	32226750	CHR4:32226750	SSF x Near_LoA	-7,39751464	-0,003	0,322
CHR4	32237981	CHR4:32237981	SSF x Near_LoA	-8,29924777	-0,050	0,314
CHR4	32238041	CHR4:32238041	SSF x Near_LoA	-9,23251083	-0,015	0,311
CHR4	32242040	CHR4:32242040	SSF x Near_LoA	-9,03275931	-0,066	0,305
CHR4	32251584	CHR4:32251584	SSF x Near_LoA	-12,2854831	-0,011	0,296
CHR4	32254976	CHR4:32254976	SSF x Near_LoA	-8,03302154	-0,068	0,298
CHR4	32255179	CHR4:32255179	SSF x Near_LoA	-8,37214864	0,032	0,318
CHR4	32262222	CHR4:32262222	SSF x Near_LoA	-9,40881857	0,004	0,306
CHR4	32262309	CHR4:32262309	SSF x Near_LoA	-8,83559662	0,068	0,306
CHR4	32265238	CHR4:32265238	SSF x Near_LoA	-10,1147426	-0,013	0,313
CHR4	32265334	CHR4:32265334	SSF x Near_LoA	-10,4128754	-0,011	0,309
CHR4	32265391	CHR4:32265391	SSF x Near_LoA	-12,0970393	-0,095	0,297
CHR4	32265395	CHR4:32265395	SSF x Near_LoA	-9,11901586	0,076	0,318
CHR4	32270964	CHR4:32270964	SSF x Near_LoA	-6,10533488	0,199	0,283
CHR4	3227250	CHR4:3227250	SSF x Near_LoA	-11,6731242	0,053	0,313
CHR4	32272537	CHR4:32272537	SSF x Near_LoA	-11,0559337	0,053	0,301
CHR4	32281248	CHR4:32281248	SSF x Near_LoA	-1,46865177	-0,240	0,301
CHR4	32281373	CHR4:32281373	SSF x Near_LoA	-10,9817309	-0,043	0,303

CHR4	32281442	CHR4:32281442	SSF x Near_LoA	-4,1901715	0,168	0,290
CHR4	32286655	CHR4:32286655	SSF x Near_LoA	-9,16495741	-0,046	0,318
CHR4	32287343	CHR4:32287343	SSF x Near_LoA	-10,8807596	0,037	0,307
CHR4	32292041	CHR4:32292041	SSF x Near_LoA	-8,816488	-0,035	0,319
CHR4	32292044	CHR4:32292044	SSF x Near_LoA	-11,0496404	0,017	0,302
CHR4	32292189	CHR4:32292189	SSF x Near_LoA	-10,8989853	0,102	0,312
CHR4	32292205	CHR4:32292205	SSF x Near_LoA	-8,53484542	-0,013	0,304
CHR4	32296931	CHR4:32296931	SSF x Near_LoA	-8,90221937	0,109	0,292
CHR4	32297017	CHR4:32297017	SSF x Near_LoA	-10,6850339	-0,052	0,304
CHR4	32298694	CHR4:32298694	SSF x Near_LoA	-9,9854231	-0,075	0,300
CHR4	32298797	CHR4:32298797	SSF x Near_LoA	-9,71275828	-0,048	0,303
CHR4	32298821	CHR4:32298821	SSF x Near_LoA	-4,91718232	0,162	0,296
CHR4	32298859	CHR4:32298859	SSF x Near_LoA	-8,61818577	-0,070	0,303
CHR4	32298902	CHR4:32298902	SSF x Near_LoA	-10,5451695	0,053	0,311
CHR4	32298906	CHR4:32298906	SSF x Near_LoA	-8,90072096	0,047	0,311
CHR4	32304603	CHR4:32304603	SSF x Near_LoA	-8,49246854	0,008	0,311
CHR4	32304749	CHR4:32304749	SSF x Near_LoA	-10,5558408	-0,008	0,299
CHR4	32304758	CHR4:32304758	SSF x Near_LoA	-9,30050866	0,003	0,317
CHR4	32307889	CHR4:32307889	SSF x Near_LoA	-9,33172485	-0,008	0,310
CHR4	32307958	CHR4:32307958	SSF x Near_LoA	-7,89303836	0,016	0,319
CHR4	32308001	CHR4:32308001	SSF x Near_LoA	-9,07564746	-0,041	0,312
CHR4	32308069	CHR4:32308069	SSF x Near_LoA	-11,5264251	-0,078	0,307
CHR4	32308108	CHR4:32308108	SSF x Near_LoA	-11,4255504	0,002	0,307
CHR4	32308160	CHR4:32308160	SSF x Near_LoA	-7,86023111	0,003	0,306
CHR4	32314864	CHR4:32314864	SSF x Near_LoA	-7,90433367	-0,018	0,313
CHR4	32314953	CHR4:32314953	SSF x Near_LoA	-7,96079164	0,075	0,322
CHR4	32321949	CHR4:32321949	SSF x Near_LoA	-7,4317698	0,166	0,293
CHR4	32321953	CHR4:32321953	SSF x Near_LoA	-10,9914655	0,064	0,297
CHR4	32321987	CHR4:32321987	SSF x Near_LoA	-10,0426421	0,115	0,307
CHR4	32331205	CHR4:32331205	SSF x Near_LoA	-8,49536636	0,020	0,307
CHR4	32331216	CHR4:32331216	SSF x Near_LoA	-10,5198252	0,014	0,310
CHR4	32331270	CHR4:32331270	SSF x Near_LoA	-8,37843123	0,068	0,313
CHR4	32331275	CHR4:32331275	SSF x Near_LoA	-9,95975743	-0,059	0,317
CHR4	32331301	CHR4:32331301	SSF x Near_LoA	-8,7074295	0,076	0,308
CHR4	32331396	CHR4:32331396	SSF x Near_LoA	-10,3109896	-0,025	0,307
CHR4	32331403	CHR4:32331403	SSF x Near_LoA	-8,56084118	0,014	0,300
CHR4	32333783	CHR4:32333783	SSF x Near_LoA	-10,0536078	-0,006	0,302
CHR4	32333992	CHR4:32333992	SSF x Near_LoA	-6,75260947	0,085	0,320
CHR4	32336625	CHR4:32336625	SSF x Near_LoA	-5,86623234	-0,147	0,305
CHR4	32336694	CHR4:32336694	SSF x Near_LoA	-6,23746726	-0,158	0,302
CHR4	32338271	CHR4:32338271	SSF x Near_LoA	-8,30414962	-0,068	0,305
CHR4	32338275	CHR4:32338275	SSF x Near_LoA	-10,2010669	-0,075	0,317
CHR4	32338537	CHR4:32338537	SSF x Near_LoA	-11,5907443	-0,037	0,295
CHR4	32338572	CHR4:32338572	SSF x Near_LoA	-10,1623133	-0,009	0,325
CHR4	32356313	CHR4:32356313	SSF x Near_LoA	-4,282329	0,095	0,302
CHR4	32356501	CHR4:32356501	SSF x Near_LoA	-8,00550073	0,018	0,310
CHR4	32356514	CHR4:32356514	SSF x Near_LoA	-8,20077524	0,034	0,310
CHR4	32356548	CHR4:32356548	SSF x Near_LoA	-10,6431537	-0,048	0,309
CHR4	3235792	CHR4:3235792	SSF x Near_LoA	-9,558934	0,015	0,294
CHR4	32364336	CHR4:32364336	SSF x Near_LoA	-11,3080313	-0,022	0,306
CHR4	32368259	CHR4:32368259	SSF x Near_LoA	-7,74458757	0,002	0,299
CHR4	32368289	CHR4:32368289	SSF x Near_LoA	-8,59113459	0,043	0,293
CHR4	32368335	CHR4:32368335	SSF x Near_LoA	-10,8025121	-0,120	0,314

CHR4	32368363	CHR4:32368363	SSF x Near_LoA	-9,04249463	0,015	0,308
CHR4	32368447	CHR4:32368447	SSF x Near_LoA	-8,82182691	0,051	0,320
CHR4	32368450	CHR4:32368450	SSF x Near_LoA	-11,8123728	-0,019	0,301
CHR4	32370051	CHR4:32370051	SSF x Near_LoA	-10,355249	-0,082	0,300
CHR4	32370122	CHR4:32370122	SSF x Near_LoA	-5,00616244	-0,108	0,309
CHR4	32377041	CHR4:32377041	SSF x Near_LoA	-6,73417725	-0,132	0,317
CHR4	32377075	CHR4:32377075	SSF x Near_LoA	-8,85192843	0,020	0,310
CHR4	32377083	CHR4:32377083	SSF x Near_LoA	-10,601573	-0,012	0,321
CHR4	32377239	CHR4:32377239	SSF x Near_LoA	-11,0588754	0,026	0,315
CHR4	32377284	CHR4:32377284	SSF x Near_LoA	-9,22449646	-0,057	0,309
CHR4	32378246	CHR4:32378246	SSF x Near_LoA	-5,96527809	0,237	0,289
CHR4	32386955	CHR4:32386955	SSF x Near_LoA	-9,70641861	0,049	0,301
CHR4	32386997	CHR4:32386997	SSF x Near_LoA	-7,07346503	0,134	0,301
CHR4	32387210	CHR4:32387210	SSF x Near_LoA	-10,3863651	0,047	0,313
CHR4	32392329	CHR4:32392329	SSF x Near_LoA	-9,84314654	-0,098	0,304
CHR4	32419562	CHR4:32419562	SSF x Near_LoA	-9,40808665	0,094	0,308
CHR4	32419626	CHR4:32419626	SSF x Near_LoA	-10,361576	0,009	0,309
CHR4	32419639	CHR4:32419639	SSF x Near_LoA	-8,44049713	-0,054	0,321
CHR4	32419672	CHR4:32419672	SSF x Near_LoA	-9,03032359	0,116	0,317
CHR4	3242374	CHR4:3242374	SSF x Near_LoA	-11,4069281	-0,027	0,305
CHR4	3242409	CHR4:3242409	SSF x Near_LoA	-3,20138346	-0,060	0,312
CHR4	3242414	CHR4:3242414	SSF x Near_LoA	-11,8409352	-0,025	0,293
CHR4	3242424	CHR4:3242424	SSF x Near_LoA	-8,7177561	0,030	0,303
CHR4	3242434	CHR4:3242434	SSF x Near_LoA	-8,39137711	-0,054	0,302
CHR4	32447997	CHR4:32447997	SSF x Near_LoA	-10,3511514	0,035	0,323
CHR4	32448049	CHR4:32448049	SSF x Near_LoA	-9,76472225	-0,021	0,314
CHR4	3244971	CHR4:3244971	SSF x Near_LoA	-9,95697669	0,087	0,317
CHR4	3245085	CHR4:3245085	SSF x Near_LoA	-8,84093852	0,025	0,312
CHR4	3245117	CHR4:3245117	SSF x Near_LoA	-9,88805465	-0,014	0,308
CHR4	3245129	CHR4:3245129	SSF x Near_LoA	-10,5777297	-0,007	0,302
CHR4	3245148	CHR4:3245148	SSF x Near_LoA	-9,34756922	0,004	0,308
CHR4	3245199	CHR4:3245199	SSF x Near_LoA	-9,06785031	-0,019	0,311
CHR4	32454207	CHR4:32454207	SSF x Near_LoA	-10,7241702	-0,134	0,307
CHR4	32461242	CHR4:32461242	SSF x Near_LoA	-9,25851488	-0,026	0,303
CHR4	32461251	CHR4:32461251	SSF x Near_LoA	-9,5266076	0,006	0,286
CHR4	32461318	CHR4:32461318	SSF x Near_LoA	-12,0017072	-0,029	0,295
CHR4	32461427	CHR4:32461427	SSF x Near_LoA	-9,87144975	0,065	0,297
CHR4	32476314	CHR4:32476314	SSF x Near_LoA	-9,70408545	-0,096	0,312
CHR4	32476633	CHR4:32476633	SSF x Near_LoA	-8,84787908	0,002	0,312
CHR4	32483384	CHR4:32483384	SSF x Near_LoA	-11,1653225	-0,011	0,308
CHR4	32483404	CHR4:32483404	SSF x Near_LoA	-8,23806678	0,126	0,301
CHR4	32483579	CHR4:32483579	SSF x Near_LoA	-0,19751065	-0,172	0,292
CHR4	32485993	CHR4:32485993	SSF x Near_LoA	-8,43252922	-0,009	0,315
CHR4	32491942	CHR4:32491942	SSF x Near_LoA	-5,85826965	-0,118	0,306
CHR4	32491952	CHR4:32491952	SSF x Near_LoA	-10,0510817	-0,033	0,317
CHR4	32496661	CHR4:32496661	SSF x Near_LoA	-8,25907257	-0,167	0,290
CHR4	32497203	CHR4:32497203	SSF x Near_LoA	-3,43546755	-0,102	0,305
CHR4	32497217	CHR4:32497217	SSF x Near_LoA	-7,06535463	-0,170	0,277
CHR4	32497223	CHR4:32497223	SSF x Near_LoA	-8,44402231	-0,128	0,286
CHR4	32497226	CHR4:32497226	SSF x Near_LoA	-10,4729539	-0,067	0,305
CHR4	32510970	CHR4:32510970	SSF x Near_LoA	-11,8761866	0,058	0,298
CHR4	32511062	CHR4:32511062	SSF x Near_LoA	-9,5976329	-0,058	0,310
CHR4	32511997	CHR4:32511997	SSF x Near_LoA	-7,09983693	0,103	0,294

CHR4	32513196	CHR4:32513196	SSF x Near_LoA	-11,6190385	-0,027	0,300
CHR4	32515088	CHR4:32515088	SSF x Near_LoA	-11,5341067	0,015	0,316
CHR4	32521280	CHR4:32521280	SSF x Near_LoA	-11,0961461	0,056	0,316
CHR4	32527426	CHR4:32527426	SSF x Near_LoA	-7,40639756	0,153	0,292
CHR4	32527648	CHR4:32527648	SSF x Near_LoA	-8,49998178	-0,108	0,310
CHR4	32533058	CHR4:32533058	SSF x Near_LoA	-10,8683372	0,078	0,301
CHR4	32533156	CHR4:32533156	SSF x Near_LoA	-7,28104942	-0,076	0,305
CHR4	32533166	CHR4:32533166	SSF x Near_LoA	-8,58583811	-0,112	0,302
CHR4	32537797	CHR4:32537797	SSF x Near_LoA	-10,7753797	0,007	0,308
CHR4	32537858	CHR4:32537858	SSF x Near_LoA	-9,67064316	-0,004	0,325
CHR4	32537888	CHR4:32537888	SSF x Near_LoA	-11,72759	-0,062	0,307
CHR4	32538000	CHR4:32538000	SSF x Near_LoA	-11,9573157	0,039	0,306
CHR4	32542023	CHR4:32542023	SSF x Near_LoA	-9,57233961	0,159	0,305
CHR4	32542088	CHR4:32542088	SSF x Near_LoA	-8,94428062	0,062	0,297
CHR4	32542853	CHR4:32542853	SSF x Near_LoA	-8,78918099	0,020	0,305
CHR4	32545191	CHR4:32545191	SSF x Near_LoA	-8,79861334	0,042	0,304
CHR4	32545292	CHR4:32545292	SSF x Near_LoA	-11,0708316	-0,051	0,298
CHR4	32560730	CHR4:32560730	SSF x Near_LoA	-10,2945394	0,027	0,301
CHR4	32560755	CHR4:32560755	SSF x Near_LoA	-9,83281372	0,012	0,302
CHR4	32560764	CHR4:32560764	SSF x Near_LoA	-11,0033649	-0,006	0,306
CHR4	32560787	CHR4:32560787	SSF x Near_LoA	-12,2772379	-0,002	0,303
CHR4	32560805	CHR4:32560805	SSF x Near_LoA	-9,14835383	-0,045	0,309
CHR4	32560827	CHR4:32560827	SSF x Near_LoA	-7,71023164	-0,003	0,314
CHR4	32560874	CHR4:32560874	SSF x Near_LoA	-10,1988344	0,100	0,300
CHR4	32560940	CHR4:32560940	SSF x Near_LoA	-8,48410791	0,062	0,298
CHR4	32560974	CHR4:32560974	SSF x Near_LoA	-10,1937491	0,019	0,305
CHR4	32560984	CHR4:32560984	SSF x Near_LoA	-11,0638884	-0,051	0,330
CHR4	32560987	CHR4:32560987	SSF x Near_LoA	-9,12019995	0,052	0,302
CHR4	32572575	CHR4:32572575	SSF x Near_LoA	-11,8576422	-0,027	0,312
CHR4	32572639	CHR4:32572639	SSF x Near_LoA	-11,5619973	0,079	0,296
CHR4	32572783	CHR4:32572783	SSF x Near_LoA	-8,14606923	0,049	0,297
CHR4	32575761	CHR4:32575761	SSF x Near_LoA	-9,63252842	-0,002	0,310
CHR4	32575904	CHR4:32575904	SSF x Near_LoA	-10,2406324	0,031	0,306
CHR4	32575948	CHR4:32575948	SSF x Near_LoA	-10,1571023	-0,072	0,301
CHR4	32583194	CHR4:32583194	SSF x Near_LoA	-8,73776491	0,058	0,303
CHR4	32583210	CHR4:32583210	SSF x Near_LoA	-8,33984286	0,050	0,303
CHR4	32583282	CHR4:32583282	SSF x Near_LoA	-8,61033688	0,015	0,302
CHR4	32589243	CHR4:32589243	SSF x Near_LoA	-8,57145222	0,089	0,320
CHR4	32589987	CHR4:32589987	SSF x Near_LoA	-9,84671029	0,063	0,314
CHR4	3259094	CHR4:3259094	SSF x Near_LoA	-9,60248491	-0,113	0,294
CHR4	3259097	CHR4:3259097	SSF x Near_LoA	-7,31527495	-0,125	0,294
CHR4	3259203	CHR4:3259203	SSF x Near_LoA	-10,2780579	-0,006	0,329
CHR4	3259218	CHR4:3259218	SSF x Near_LoA	-9,34366533	0,017	0,319
CHR4	32608177	CHR4:32608177	SSF x Near_LoA	-10,2210089	-0,047	0,312
CHR4	32608275	CHR4:32608275	SSF x Near_LoA	-10,5705855	0,073	0,312
CHR4	32614577	CHR4:32614577	SSF x Near_LoA	-9,12213903	0,107	0,301
CHR4	32614593	CHR4:32614593	SSF x Near_LoA	-9,65040281	0,010	0,322
CHR4	32614972	CHR4:32614972	SSF x Near_LoA	-10,0250151	-0,109	0,311
CHR4	32617722	CHR4:32617722	SSF x Near_LoA	-10,5493867	0,050	0,332
CHR4	32622533	CHR4:32622533	SSF x Near_LoA	-8,23761031	-0,052	0,321
CHR4	32624553	CHR4:32624553	SSF x Near_LoA	-10,2924662	-0,020	0,304
CHR4	32624585	CHR4:32624585	SSF x Near_LoA	-6,10858006	-0,128	0,301
CHR4	32624597	CHR4:32624597	SSF x Near_LoA	-7,52048294	-0,107	0,317

CHR4	32624602	CHR4:32624602	SSF x Near_LoA	-8,96101945	-0,102	0,314
CHR4	32624647	CHR4:32624647	SSF x Near_LoA	-6,20055911	0,033	0,320
CHR4	32624656	CHR4:32624656	SSF x Near_LoA	-10,7080127	-0,006	0,321
CHR4	32624753	CHR4:32624753	SSF x Near_LoA	-3,74016068	-0,153	0,299
CHR4	32633851	CHR4:32633851	SSF x Near_LoA	-10,0014539	0,059	0,307
CHR4	32633894	CHR4:32633894	SSF x Near_LoA	-11,1107938	-0,058	0,312
CHR4	32633999	CHR4:32633999	SSF x Near_LoA	-7,47109269	0,081	0,301
CHR4	32657470	CHR4:32657470	SSF x Near_LoA	-5,92933382	0,160	0,297
CHR4	32666227	CHR4:32666227	SSF x Near_LoA	-8,21872591	-0,190	0,281
CHR4	32666241	CHR4:32666241	SSF x Near_LoA	-10,2983021	-0,161	0,292
CHR4	32668325	CHR4:32668325	SSF x Near_LoA	-6,91761566	0,122	0,289
CHR4	32668374	CHR4:32668374	SSF x Near_LoA	-8,41142001	-0,081	0,305
CHR4	32668543	CHR4:32668543	SSF x Near_LoA	-7,26786592	0,037	0,308
CHR4	32668548	CHR4:32668548	SSF x Near_LoA	-8,35093123	0,109	0,309
CHR4	32687908	CHR4:32687908	SSF x Near_LoA	-9,12646428	0,050	0,312
CHR4	32703404	CHR4:32703404	SSF x Near_LoA	-9,81919841	-0,053	0,298
CHR4	32717340	CHR4:32717340	SSF x Near_LoA	-8,79058065	-0,082	0,314
CHR4	32717479	CHR4:32717479	SSF x Near_LoA	-5,47772474	-0,124	0,315
CHR4	32717509	CHR4:32717509	SSF x Near_LoA	-11,2291114	-0,011	0,306
CHR4	32720482	CHR4:32720482	SSF x Near_LoA	-11,21982	-0,063	0,312
CHR4	32720584	CHR4:32720584	SSF x Near_LoA	-7,77413584	0,037	0,310
CHR4	32720585	CHR4:32720585	SSF x Near_LoA	-7,13595144	0,072	0,310
CHR4	32720600	CHR4:32720600	SSF x Near_LoA	-8,89833127	0,008	0,310
CHR4	32731998	CHR4:32731998	SSF x Near_LoA	-10,5462966	0,054	0,280
CHR4	32732027	CHR4:32732027	SSF x Near_LoA	-10,2340936	0,103	0,305
CHR4	32736572	CHR4:32736572	SSF x Near_LoA	-8,68600436	0,011	0,306
CHR4	32736608	CHR4:32736608	SSF x Near_LoA	-9,72060993	-0,041	0,312
CHR4	32736705	CHR4:32736705	SSF x Near_LoA	-12,3395863	0,015	0,288
CHR4	32740355	CHR4:32740355	SSF x Near_LoA	-8,42669768	0,003	0,301
CHR4	32740360	CHR4:32740360	SSF x Near_LoA	-7,68918667	-0,019	0,307
CHR4	32740441	CHR4:32740441	SSF x Near_LoA	-4,75743018	0,002	0,308
CHR4	32741140	CHR4:32741140	SSF x Near_LoA	-10,795723	-0,077	0,287
CHR4	32742166	CHR4:32742166	SSF x Near_LoA	-5,91409938	-0,154	0,302
CHR4	32742215	CHR4:32742215	SSF x Near_LoA	-11,5063219	-0,060	0,316
CHR4	32743522	CHR4:32743522	SSF x Near_LoA	-9,02873924	-0,032	0,318
CHR4	32746538	CHR4:32746538	SSF x Near_LoA	-7,84206759	-0,050	0,306
CHR4	32753263	CHR4:32753263	SSF x Near_LoA	-0,01837803	-0,089	0,297
CHR4	32753440	CHR4:32753440	SSF x Near_LoA	-7,74854309	0,126	0,305
CHR4	32753452	CHR4:32753452	SSF x Near_LoA	-8,72966051	-0,038	0,314
CHR4	32753467	CHR4:32753467	SSF x Near_LoA	-11,3617217	-0,019	0,323
CHR4	32755491	CHR4:32755491	SSF x Near_LoA	0,77112153	-0,128	0,311
CHR4	32755517	CHR4:32755517	SSF x Near_LoA	-9,03755727	-0,053	0,300
CHR4	32755683	CHR4:32755683	SSF x Near_LoA	-12,125546	0,042	0,297
CHR4	32755705	CHR4:32755705	SSF x Near_LoA	-10,0055548	-0,108	0,294
CHR4	32766922	CHR4:32766922	SSF x Near_LoA	-6,89471631	0,181	0,298
CHR4	32768247	CHR4:32768247	SSF x Near_LoA	-8,62747986	0,045	0,305
CHR4	32768250	CHR4:32768250	SSF x Near_LoA	-10,0370613	-0,105	0,299
CHR4	32773483	CHR4:32773483	SSF x Near_LoA	-8,9669391	0,010	0,305
CHR4	32773569	CHR4:32773569	SSF x Near_LoA	-9,78053941	0,019	0,319
CHR4	32774562	CHR4:32774562	SSF x Near_LoA	-11,9893307	-0,074	0,295
CHR4	32775582	CHR4:32775582	SSF x Near_LoA	-9,10203907	0,003	0,313
CHR4	32775590	CHR4:32775590	SSF x Near_LoA	-8,66626746	-0,022	0,308
CHR4	32775641	CHR4:32775641	SSF x Near_LoA	-7,96779927	0,008	0,310

CHR4	32775643	CHR4:32775643	SSF x Near_LoA	-9,59139065	-0,022	0,305
CHR4	32779466	CHR4:32779466	SSF x Near_LoA	-4,7200866	-0,059	0,312
CHR4	32779475	CHR4:32779475	SSF x Near_LoA	-9,95383699	0,117	0,309
CHR4	32779483	CHR4:32779483	SSF x Near_LoA	-9,93554174	-0,074	0,322
CHR4	32779485	CHR4:32779485	SSF x Near_LoA	-8,74259835	-0,080	0,296
CHR4	32779555	CHR4:32779555	SSF x Near_LoA	-8,11932263	0,037	0,335
CHR4	32779560	CHR4:32779560	SSF x Near_LoA	-9,44337778	-0,087	0,307
CHR4	32779572	CHR4:32779572	SSF x Near_LoA	3,98882359	0,079	0,317
CHR4	32796466	CHR4:32796466	SSF x Near_LoA	-8,37899941	-0,116	0,304
CHR4	32796503	CHR4:32796503	SSF x Near_LoA	-8,313248	-0,174	0,299
CHR4	32796547	CHR4:32796547	SSF x Near_LoA	-7,02786001	-0,020	0,305
CHR4	32802870	CHR4:32802870	SSF x Near_LoA	-9,7740343	0,008	0,308
CHR4	32802877	CHR4:32802877	SSF x Near_LoA	-7,8140284	-0,156	0,289
CHR4	32803140	CHR4:32803140	SSF x Near_LoA	-9,38868076	-0,054	0,296
CHR4	32803217	CHR4:32803217	SSF x Near_LoA	-11,4480125	0,056	0,305
CHR4	32807005	CHR4:32807005	SSF x Near_LoA	-8,70514514	-0,066	0,311
CHR4	32807028	CHR4:32807028	SSF x Near_LoA	-8,71376353	0,083	0,315
CHR4	32807069	CHR4:32807069	SSF x Near_LoA	-9,78034327	0,013	0,318
CHR4	32808252	CHR4:32808252	SSF x Near_LoA	-11,162137	-0,051	0,321
CHR4	32808254	CHR4:32808254	SSF x Near_LoA	-8,5635673	0,043	0,302
CHR4	32808304	CHR4:32808304	SSF x Near_LoA	-8,79866046	0,011	0,310
CHR4	32808348	CHR4:32808348	SSF x Near_LoA	-2,8710447	0,068	0,312
CHR4	32809169	CHR4:32809169	SSF x Near_LoA	-11,3965685	-0,013	0,317
CHR4	32809414	CHR4:32809414	SSF x Near_LoA	-10,1230866	0,035	0,302
CHR4	32809426	CHR4:32809426	SSF x Near_LoA	-12,1306689	0,000	0,270
CHR4	32821118	CHR4:32821118	SSF x Near_LoA	10,7382917	-0,023	0,325
CHR4	32834575	CHR4:32834575	SSF x Near_LoA	-7,95912226	0,075	0,303
CHR4	32836556	CHR4:32836556	SSF x Near_LoA	-10,0248155	-0,018	0,305
CHR4	32836578	CHR4:32836578	SSF x Near_LoA	-9,33314028	-0,078	0,309
CHR4	32838357	CHR4:32838357	SSF x Near_LoA	-9,03914661	-0,111	0,306
CHR4	32842543	CHR4:32842543	SSF x Near_LoA	-8,93021117	0,050	0,317
CHR4	32849197	CHR4:32849197	SSF x Near_LoA	-8,92788228	0,060	0,305
CHR4	32855461	CHR4:32855461	SSF x Near_LoA	-10,8982579	-0,010	0,303
CHR4	32855575	CHR4:32855575	SSF x Near_LoA	-8,95058404	-0,099	0,309
CHR4	32855603	CHR4:32855603	SSF x Near_LoA	-3,51033782	0,043	0,305
CHR4	32861917	CHR4:32861917	SSF x Near_LoA	-9,75206825	-0,025	0,314
CHR4	32862020	CHR4:32862020	SSF x Near_LoA	-11,1076083	-0,016	0,305
CHR4	32862113	CHR4:32862113	SSF x Near_LoA	-7,77986051	0,003	0,299
CHR4	32875280	CHR4:32875280	SSF x Near_LoA	-6,49577459	-0,101	0,305
CHR4	32909707	CHR4:32909707	SSF x Near_LoA	-9,18298032	0,035	0,306
CHR4	32911521	CHR4:32911521	SSF x Near_LoA	-10,817056	0,010	0,303
CHR4	32915420	CHR4:32915420	SSF x Near_LoA	-7,05451499	0,063	0,308
CHR4	32915521	CHR4:32915521	SSF x Near_LoA	-8,72348974	0,100	0,281
CHR4	32915541	CHR4:32915541	SSF x Near_LoA	-1,89837611	-0,101	0,299
CHR4	32915645	CHR4:32915645	SSF x Near_LoA	-8,52513876	0,048	0,308
CHR4	32926120	CHR4:32926120	SSF x Near_LoA	-7,82380452	0,094	0,301
CHR4	32935961	CHR4:32935961	SSF x Near_LoA	3,15764785	0,096	0,305
CHR4	32942196	CHR4:32942196	SSF x Near_LoA	-8,1353074	-0,034	0,305
CHR4	32942220	CHR4:32942220	SSF x Near_LoA	-9,11628778	-0,053	0,305
CHR4	32943881	CHR4:32943881	SSF x Near_LoA	-10,8664315	-0,040	0,301
CHR4	32943908	CHR4:32943908	SSF x Near_LoA	-8,72935574	-0,074	0,301
CHR4	32958555	CHR4:32958555	SSF x Near_LoA	-5,83886361	-0,124	0,298
CHR4	32962788	CHR4:32962788	SSF x Near_LoA	-11,0778982	0,056	0,297

CHR4	32962816	CHR4:32962816	SSF x Near_LoA	-6,65778876	0,059	0,296
CHR4	32962900	CHR4:32962900	SSF x Near_LoA	-10,0951702	-0,051	0,319
CHR4	32990196	CHR4:32990196	SSF x Near_LoA	-8,87065747	0,123	0,306
CHR4	32990248	CHR4:32990248	SSF x Near_LoA	-10,521278	0,006	0,305
CHR4	32990258	CHR4:32990258	SSF x Near_LoA	-10,0497025	0,003	0,308
CHR4	32990268	CHR4:32990268	SSF x Near_LoA	-9,46712915	0,002	0,310
CHR4	32990286	CHR4:32990286	SSF x Near_LoA	-8,59401373	-0,024	0,309
CHR4	32998247	CHR4:32998247	SSF x Near_LoA	-7,84398089	-0,080	0,300
CHR4	32998433	CHR4:32998433	SSF x Near_LoA	-10,0972636	-0,024	0,308
CHR4	33006705	CHR4:33006705	SSF x Near_LoA	-9,70568851	-0,026	0,296
CHR4	33010510	CHR4:33010510	SSF x Near_LoA	-9,38553133	0,022	0,304
CHR4	3302998	CHR4:3302998	SSF x Near_LoA	-8,77128603	0,066	0,317
CHR4	3303106	CHR4:3303106	SSF x Near_LoA	-11,1050384	0,093	0,301
CHR4	3303426	CHR4:3303426	SSF x Near_LoA	-7,55078727	0,128	0,306
CHR4	33053791	CHR4:33053791	SSF x Near_LoA	-8,36129556	-0,099	0,324
CHR4	33072638	CHR4:33072638	SSF x Near_LoA	-9,73646246	-0,107	0,300
CHR4	33072640	CHR4:33072640	SSF x Near_LoA	-7,51412094	0,088	0,299
CHR4	33072651	CHR4:33072651	SSF x Near_LoA	-9,92739781	-0,070	0,311
CHR4	33072664	CHR4:33072664	SSF x Near_LoA	-8,87967473	0,014	0,304
CHR4	33072691	CHR4:33072691	SSF x Near_LoA	-9,5318551	0,045	0,297
CHR4	33075950	CHR4:33075950	SSF x Near_LoA	-11,0198542	0,031	0,299
CHR4	33075993	CHR4:33075993	SSF x Near_LoA	-7,18875627	0,089	0,317
CHR4	33076142	CHR4:33076142	SSF x Near_LoA	-9,71158323	-0,010	0,310
CHR4	33076232	CHR4:33076232	SSF x Near_LoA	-10,0466476	0,041	0,312
CHR4	33081054	CHR4:33081054	SSF x Near_LoA	-8,69092255	0,059	0,305
CHR4	33081180	CHR4:33081180	SSF x Near_LoA	-7,92079738	0,031	0,305
CHR4	33081232	CHR4:33081232	SSF x Near_LoA	-11,3551169	-0,061	0,313
CHR4	33081235	CHR4:33081235	SSF x Near_LoA	-8,30630937	-0,105	0,317
CHR4	33081267	CHR4:33081267	SSF x Near_LoA	-6,80371204	0,127	0,308
CHR4	33081277	CHR4:33081277	SSF x Near_LoA	-9,22539877	0,080	0,297
CHR4	33087591	CHR4:33087591	SSF x Near_LoA	-11,2917858	0,015	0,284
CHR4	33087596	CHR4:33087596	SSF x Near_LoA	-9,05431137	0,028	0,318
CHR4	33103378	CHR4:33103378	SSF x Near_LoA	-5,84112914	0,021	0,303
CHR4	33122434	CHR4:33122434	SSF x Near_LoA	-8,62496227	-0,120	0,299
CHR4	33122446	CHR4:33122446	SSF x Near_LoA	-9,27300917	0,064	0,305
CHR4	33126236	CHR4:33126236	SSF x Near_LoA	-8,93691964	0,028	0,320
CHR4	33126285	CHR4:33126285	SSF x Near_LoA	-12,3654609	0,026	0,291
CHR4	33143004	CHR4:33143004	SSF x Near_LoA	-9,72768082	-0,019	0,300
CHR4	33143183	CHR4:33143183	SSF x Near_LoA	-8,56574992	-0,126	0,302
CHR4	33148300	CHR4:33148300	SSF x Near_LoA	-9,85476501	-0,076	0,298
CHR4	33163172	CHR4:33163172	SSF x Near_LoA	-11,004248	-0,042	0,310
CHR4	3316378	CHR4:3316378	SSF x Near_LoA	-9,59216142	-0,025	0,310
CHR4	33174038	CHR4:33174038	SSF x Near_LoA	-5,83916976	0,021	0,304
CHR4	33174060	CHR4:33174060	SSF x Near_LoA	-10,3285998	0,034	0,311
CHR4	33174087	CHR4:33174087	SSF x Near_LoA	-10,2376963	0,060	0,315
CHR4	33174093	CHR4:33174093	SSF x Near_LoA	-8,98062829	0,123	0,307
CHR4	33174102	CHR4:33174102	SSF x Near_LoA	-9,47119588	-0,006	0,315
CHR4	33174169	CHR4:33174169	SSF x Near_LoA	-7,22654238	0,093	0,307
CHR4	33174189	CHR4:33174189	SSF x Near_LoA	-8,56005214	-0,106	0,301
CHR4	33174198	CHR4:33174198	SSF x Near_LoA	-10,0276832	-0,030	0,297
CHR4	33174204	CHR4:33174204	SSF x Near_LoA	-10,6976508	0,102	0,303
CHR4	33174225	CHR4:33174225	SSF x Near_LoA	-8,76225391	0,112	0,311
CHR4	33183111	CHR4:33183111	SSF x Near_LoA	-8,29414484	-0,032	0,312

CHR4	33184138	CHR4:33184138	SSF x Near_LoA	-10,1986652	0,012	0,303
CHR4	33184143	CHR4:33184143	SSF x Near_LoA	-8,32723256	-0,123	0,298
CHR4	33184144	CHR4:33184144	SSF x Near_LoA	-6,39497968	0,117	0,302
CHR4	33184151	CHR4:33184151	SSF x Near_LoA	-4,59430016	0,019	0,313
CHR4	33184183	CHR4:33184183	SSF x Near_LoA	-11,3652125	0,073	0,300
CHR4	33184195	CHR4:33184195	SSF x Near_LoA	-9,75752997	0,058	0,309
CHR4	33184231	CHR4:33184231	SSF x Near_LoA	-9,78333941	-0,028	0,307
CHR4	3318670	CHR4:3318670	SSF x Near_LoA	-8,40043377	0,023	0,309
CHR4	3318714	CHR4:3318714	SSF x Near_LoA	-8,08751533	0,069	0,304
CHR4	3318738	CHR4:3318738	SSF x Near_LoA	-9,50973021	-0,018	0,308
CHR4	3318869	CHR4:3318869	SSF x Near_LoA	-9,20670783	0,101	0,306
CHR4	3318897	CHR4:3318897	SSF x Near_LoA	-0,49261436	0,058	0,318
CHR4	33195894	CHR4:33195894	SSF x Near_LoA	-8,77546899	-0,089	0,316
CHR4	33206273	CHR4:33206273	SSF x Near_LoA	-12,0499052	-0,027	0,314
CHR4	33206422	CHR4:33206422	SSF x Near_LoA	-7,59691439	-0,040	0,298
CHR4	33206436	CHR4:33206436	SSF x Near_LoA	-10,0639158	0,053	0,305
CHR4	33206437	CHR4:33206437	SSF x Near_LoA	-10,0259197	0,045	0,305
CHR4	33206489	CHR4:33206489	SSF x Near_LoA	-8,71913274	0,025	0,313
CHR4	33206530	CHR4:33206530	SSF x Near_LoA	-0,75892946	-0,109	0,301
CHR4	33206541	CHR4:33206541	SSF x Near_LoA	-7,67554116	0,033	0,324
CHR4	33210199	CHR4:33210199	SSF x Near_LoA	-11,5658272	0,022	0,300
CHR4	33217311	CHR4:33217311	SSF x Near_LoA	-8,40387776	-0,024	0,307
CHR4	33218033	CHR4:33218033	SSF x Near_LoA	-6,5721901	-0,123	0,303
CHR4	33219017	CHR4:33219017	SSF x Near_LoA	-9,58969043	0,092	0,305
CHR4	33219051	CHR4:33219051	SSF x Near_LoA	-7,84770226	0,093	0,317
CHR4	33219077	CHR4:33219077	SSF x Near_LoA	-6,51202911	0,099	0,312
CHR4	33219108	CHR4:33219108	SSF x Near_LoA	-9,83021018	-0,011	0,312
CHR4	33219112	CHR4:33219112	SSF x Near_LoA	-10,3649113	-0,074	0,287
CHR4	33221942	CHR4:33221942	SSF x Near_LoA	-10,3360906	-0,051	0,311
CHR4	33222019	CHR4:33222019	SSF x Near_LoA	-10,2248656	0,036	0,312
CHR4	33222020	CHR4:33222020	SSF x Near_LoA	-10,716108	-0,003	0,312
CHR4	33222122	CHR4:33222122	SSF x Near_LoA	-8,88645832	-0,013	0,314
CHR4	33222147	CHR4:33222147	SSF x Near_LoA	-8,42604573	-0,093	0,294
CHR4	33222185	CHR4:33222185	SSF x Near_LoA	-4,93693283	-0,061	0,308
CHR4	33230813	CHR4:33230813	SSF x Near_LoA	-11,5175834	-0,013	0,292
CHR4	33230909	CHR4:33230909	SSF x Near_LoA	-10,107133	-0,025	0,315
CHR4	33230912	CHR4:33230912	SSF x Near_LoA	-11,4880655	0,023	0,290
CHR4	33234143	CHR4:33234143	SSF x Near_LoA	-10,8417004	0,082	0,305
CHR4	33234229	CHR4:33234229	SSF x Near_LoA	-10,5834943	-0,022	0,310
CHR4	33234234	CHR4:33234234	SSF x Near_LoA	-10,4510322	0,073	0,305
CHR4	33237391	CHR4:33237391	SSF x Near_LoA	-9,32409016	0,025	0,332
CHR4	33243308	CHR4:33243308	SSF x Near_LoA	-8,31480875	0,167	0,306
CHR4	33243510	CHR4:33243510	SSF x Near_LoA	-8,32703369	0,060	0,309
CHR4	33243667	CHR4:33243667	SSF x Near_LoA	-11,4196852	-0,013	0,306
CHR4	33243727	CHR4:33243727	SSF x Near_LoA	-6,05919057	0,122	0,314
CHR4	33243734	CHR4:33243734	SSF x Near_LoA	-8,73510076	-0,112	0,315
CHR4	33243739	CHR4:33243739	SSF x Near_LoA	-9,6185844	-0,019	0,304
CHR4	33243776	CHR4:33243776	SSF x Near_LoA	-9,02831606	0,080	0,311
CHR4	33243785	CHR4:33243785	SSF x Near_LoA	-11,1989858	-0,066	0,308
CHR4	33283310	CHR4:33283310	SSF x Near_LoA	-9,73376751	0,180	0,293
CHR4	33283311	CHR4:33283311	SSF x Near_LoA	-9,42682611	0,154	0,300
CHR4	33295350	CHR4:33295350	SSF x Near_LoA	-8,36910297	0,026	0,320
CHR4	33295359	CHR4:33295359	SSF x Near_LoA	-7,92624485	-0,001	0,316

CHR4	33295426	CHR4:33295426	SSF x Near_LoA	-8,65968164	0,022	0,312
CHR4	33295428	CHR4:33295428	SSF x Near_LoA	-8,84913689	0,014	0,318
CHR4	33295440	CHR4:33295440	SSF x Near_LoA	-7,90572214	0,012	0,306
CHR4	33295571	CHR4:33295571	SSF x Near_LoA	-8,24197271	0,010	0,307
CHR4	33317955	CHR4:33317955	SSF x Near_LoA	-7,7546207	0,039	0,318
CHR4	33318002	CHR4:33318002	SSF x Near_LoA	-11,0619726	0,021	0,312
CHR4	33318016	CHR4:33318016	SSF x Near_LoA	-3,88111481	0,011	0,304
CHR4	33318032	CHR4:33318032	SSF x Near_LoA	-8,33004285	0,118	0,281
CHR4	33343968	CHR4:33343968	SSF x Near_LoA	-10,4165346	0,063	0,312
CHR4	33353930	CHR4:33353930	SSF x Near_LoA	-10,1142709	-0,053	0,303
CHR4	33353962	CHR4:33353962	SSF x Near_LoA	-8,81261452	0,037	0,294
CHR4	33353990	CHR4:33353990	SSF x Near_LoA	-9,19048005	0,124	0,310
CHR4	33375751	CHR4:33375751	SSF x Near_LoA	-10,1505917	-0,011	0,311
CHR4	33375790	CHR4:33375790	SSF x Near_LoA	-11,0224008	0,001	0,293
CHR4	33375844	CHR4:33375844	SSF x Near_LoA	-9,5404014	-0,072	0,318
CHR4	33375876	CHR4:33375876	SSF x Near_LoA	-10,1439236	0,071	0,309
CHR4	33375893	CHR4:33375893	SSF x Near_LoA	-9,24285285	0,018	0,299
CHR4	33375917	CHR4:33375917	SSF x Near_LoA	-8,30036253	-0,004	0,316
CHR4	3337858	CHR4:3337858	SSF x Near_LoA	-9,24314504	0,021	0,303
CHR4	3337888	CHR4:3337888	SSF x Near_LoA	-9,27004797	-0,113	0,299
CHR4	3337918	CHR4:3337918	SSF x Near_LoA	-10,0031541	-0,027	0,311
CHR4	3337922	CHR4:3337922	SSF x Near_LoA	-10,573241	-0,054	0,308
CHR4	33386634	CHR4:33386634	SSF x Near_LoA	-8,80246094	0,008	0,300
CHR4	33390288	CHR4:33390288	SSF x Near_LoA	-7,49189194	-0,007	0,323
CHR4	33403930	CHR4:33403930	SSF x Near_LoA	-10,7751899	0,031	0,305
CHR4	33403937	CHR4:33403937	SSF x Near_LoA	-8,82287045	0,073	0,297
CHR4	33404156	CHR4:33404156	SSF x Near_LoA	-9,75633253	-0,062	0,306
CHR4	33404157	CHR4:33404157	SSF x Near_LoA	-8,76700682	0,084	0,297
CHR4	33404261	CHR4:33404261	SSF x Near_LoA	-4,6623948	-0,103	0,298
CHR4	33412381	CHR4:33412381	SSF x Near_LoA	-10,7346274	0,104	0,296
CHR4	33412400	CHR4:33412400	SSF x Near_LoA	-10,1853374	0,033	0,295
CHR4	33412462	CHR4:33412462	SSF x Near_LoA	-11,238042	0,058	0,305
CHR4	33412496	CHR4:33412496	SSF x Near_LoA	-10,8414951	-0,058	0,300
CHR4	33412603	CHR4:33412603	SSF x Near_LoA	-8,72389326	0,012	0,306
CHR4	33412690	CHR4:33412690	SSF x Near_LoA	-9,9944641	-0,028	0,301
CHR4	33415582	CHR4:33415582	SSF x Near_LoA	-8,33099435	0,073	0,301
CHR4	3341619	CHR4:3341619	SSF x Near_LoA	-10,2417534	0,006	0,297
CHR4	33448656	CHR4:33448656	SSF x Near_LoA	-11,5473855	0,069	0,293
CHR4	33456721	CHR4:33456721	SSF x Near_LoA	-11,6561898	0,102	0,300
CHR4	3349786	CHR4:3349786	SSF x Near_LoA	-8,74486734	0,078	0,310
CHR4	3349787	CHR4:3349787	SSF x Near_LoA	-7,03209705	0,046	0,314
CHR4	3349815	CHR4:3349815	SSF x Near_LoA	-9,38025054	-0,076	0,317
CHR4	3351592	CHR4:3351592	SSF x Near_LoA	-8,35910897	0,004	0,306
CHR4	3352871	CHR4:3352871	SSF x Near_LoA	-10,9179663	-0,068	0,317
CHR4	33541332	CHR4:33541332	SSF x Near_LoA	-6,12435226	0,101	0,322
CHR4	3355327	CHR4:3355327	SSF x Near_LoA	-9,90107759	0,004	0,305
CHR4	3355332	CHR4:3355332	SSF x Near_LoA	-6,3609003	0,101	0,309
CHR4	3355487	CHR4:3355487	SSF x Near_LoA	-11,5931564	0,008	0,308
CHR4	3355514	CHR4:3355514	SSF x Near_LoA	-10,4100305	-0,117	0,314
CHR4	33580762	CHR4:33580762	SSF x Near_LoA	-9,62547567	0,132	0,309
CHR4	33580841	CHR4:33580841	SSF x Near_LoA	-8,16882715	-0,048	0,316
CHR4	33580952	CHR4:33580952	SSF x Near_LoA	-7,79426891	0,096	0,314
CHR4	33583222	CHR4:33583222	SSF x Near_LoA	-10,2596137	-0,021	0,319

CHR4	33588028	CHR4:33588028	SSF x Near_LoA	-10,1185551	0,077	0,301
CHR4	33588078	CHR4:33588078	SSF x Near_LoA	-9,05556445	-0,003	0,318
CHR4	33592584	CHR4:33592584	SSF x Near_LoA	-8,86020167	-0,050	0,323
CHR4	33592719	CHR4:33592719	SSF x Near_LoA	-7,96163174	0,095	0,298
CHR4	33607279	CHR4:33607279	SSF x Near_LoA	-11,7351528	-0,089	0,296
CHR4	33611492	CHR4:33611492	SSF x Near_LoA	-6,87125911	0,104	0,303
CHR4	33612365	CHR4:33612365	SSF x Near_LoA	-8,87543236	0,124	0,303
CHR4	33617884	CHR4:33617884	SSF x Near_LoA	-9,45737648	0,022	0,309
CHR4	33620667	CHR4:33620667	SSF x Near_LoA	-6,19209233	-0,166	0,290
CHR4	33620780	CHR4:33620780	SSF x Near_LoA	-8,86181242	-0,041	0,311
CHR4	33622156	CHR4:33622156	SSF x Near_LoA	-7,82876924	-0,070	0,313
CHR4	33622220	CHR4:33622220	SSF x Near_LoA	-10,0716702	0,044	0,300
CHR4	33622242	CHR4:33622242	SSF x Near_LoA	-9,22483987	0,106	0,300
CHR4	33622262	CHR4:33622262	SSF x Near_LoA	-6,27450115	0,116	0,312
CHR4	33622288	CHR4:33622288	SSF x Near_LoA	-8,49742031	0,114	0,299
CHR4	33622298	CHR4:33622298	SSF x Near_LoA	-10,4928345	-0,023	0,311
CHR4	33622312	CHR4:33622312	SSF x Near_LoA	-11,165939	-0,100	0,303
CHR4	33625464	CHR4:33625464	SSF x Near_LoA	-7,02305549	-0,090	0,309
CHR4	33625509	CHR4:33625509	SSF x Near_LoA	-10,3178018	0,011	0,316
CHR4	33634552	CHR4:33634552	SSF x Near_LoA	-7,18330341	-0,043	0,321
CHR4	33634735	CHR4:33634735	SSF x Near_LoA	-9,6643257	-0,080	0,312
CHR4	33636478	CHR4:33636478	SSF x Near_LoA	-7,71619071	-0,040	0,314
CHR4	33637112	CHR4:33637112	SSF x Near_LoA	-10,5372184	0,076	0,290
CHR4	33643512	CHR4:33643512	SSF x Near_LoA	-10,6654738	-0,042	0,306
CHR4	33643629	CHR4:33643629	SSF x Near_LoA	-10,8117981	-0,055	0,307
CHR4	33655663	CHR4:33655663	SSF x Near_LoA	-11,2532693	-0,034	0,308
CHR4	33655892	CHR4:33655892	SSF x Near_LoA	-7,87223466	0,045	0,299
CHR4	33673505	CHR4:33673505	SSF x Near_LoA	-9,16350834	-0,057	0,297
CHR4	33673539	CHR4:33673539	SSF x Near_LoA	-10,1358779	-0,023	0,314
CHR4	33673641	CHR4:33673641	SSF x Near_LoA	-8,8880215	0,062	0,302
CHR4	33673666	CHR4:33673666	SSF x Near_LoA	-9,50864874	0,028	0,301
CHR4	33673737	CHR4:33673737	SSF x Near_LoA	-9,45078305	-0,051	0,313
CHR4	33675258	CHR4:33675258	SSF x Near_LoA	-10,4431142	-0,097	0,303
CHR4	33675269	CHR4:33675269	SSF x Near_LoA	-9,31496579	-0,020	0,308
CHR4	33675277	CHR4:33675277	SSF x Near_LoA	-11,5384916	0,033	0,311
CHR4	33675296	CHR4:33675296	SSF x Near_LoA	-8,9997545	-0,023	0,309
CHR4	33675326	CHR4:33675326	SSF x Near_LoA	-9,50243357	-0,090	0,309
CHR4	33675341	CHR4:33675341	SSF x Near_LoA	-10,0845951	-0,080	0,308
CHR4	33675359	CHR4:33675359	SSF x Near_LoA	-10,5533162	-0,082	0,305
CHR4	33675406	CHR4:33675406	SSF x Near_LoA	-8,04334093	-0,022	0,308
CHR4	33675470	CHR4:33675470	SSF x Near_LoA	-9,27934582	-0,045	0,317
CHR4	33684562	CHR4:33684562	SSF x Near_LoA	-11,0997197	-0,021	0,313
CHR4	33684588	CHR4:33684588	SSF x Near_LoA	-9,31451745	-0,032	0,319
CHR4	33684593	CHR4:33684593	SSF x Near_LoA	16,4219165	0,124	0,319
CHR4	33685071	CHR4:33685071	SSF x Near_LoA	-7,18700299	0,037	0,312
CHR4	33689578	CHR4:33689578	SSF x Near_LoA	-8,51630439	0,134	0,316
CHR4	33689715	CHR4:33689715	SSF x Near_LoA	-8,89570225	0,003	0,310
CHR4	33689716	CHR4:33689716	SSF x Near_LoA	-11,2415344	0,000	0,292
CHR4	33689717	CHR4:33689717	SSF x Near_LoA	-10,8449372	-0,035	0,304
CHR4	33693867	CHR4:33693867	SSF x Near_LoA	-7,57082986	0,098	0,306
CHR4	33696482	CHR4:33696482	SSF x Near_LoA	-11,1076823	0,099	0,291
CHR4	33697093	CHR4:33697093	SSF x Near_LoA	-4,611958	-0,037	0,318
CHR4	33697235	CHR4:33697235	SSF x Near_LoA	-4,23253847	0,104	0,296

CHR4	33697283	CHR4:33697283	SSF x Near_LoA	-6,87517052	-0,098	0,288
CHR4	33711709	CHR4:33711709	SSF x Near_LoA	-10,3200579	0,020	0,311
CHR4	33719910	CHR4:33719910	SSF x Near_LoA	-10,6282357	-0,003	0,310
CHR4	33732963	CHR4:33732963	SSF x Near_LoA	-6,3756269	-0,154	0,295
CHR4	33732993	CHR4:33732993	SSF x Near_LoA	-11,2547945	0,080	0,306
CHR4	33744603	CHR4:33744603	SSF x Near_LoA	-3,68624987	0,047	0,299
CHR4	33744654	CHR4:33744654	SSF x Near_LoA	-9,55507583	0,021	0,310
CHR4	33744669	CHR4:33744669	SSF x Near_LoA	-11,2218099	0,028	0,314
CHR4	33745789	CHR4:33745789	SSF x Near_LoA	-8,45847644	-0,056	0,310
CHR4	33745800	CHR4:33745800	SSF x Near_LoA	-8,94892258	-0,024	0,314
CHR4	33745827	CHR4:33745827	SSF x Near_LoA	-7,92493926	-0,103	0,304
CHR4	33755704	CHR4:33755704	SSF x Near_LoA	-8,81095703	-0,152	0,299
CHR4	33758435	CHR4:33758435	SSF x Near_LoA	-8,50458546	0,032	0,311
CHR4	33758583	CHR4:33758583	SSF x Near_LoA	-10,5953917	0,005	0,298
CHR4	33758596	CHR4:33758596	SSF x Near_LoA	-9,09320346	-0,016	0,315
CHR4	33758615	CHR4:33758615	SSF x Near_LoA	-10,2179553	-0,018	0,307
CHR4	33779763	CHR4:33779763	SSF x Near_LoA	-10,3749793	0,076	0,311
CHR4	33779914	CHR4:33779914	SSF x Near_LoA	-10,7153445	0,001	0,302
CHR4	3381194	CHR4:3381194	SSF x Near_LoA	-10,1956121	-0,016	0,304
CHR4	3381199	CHR4:3381199	SSF x Near_LoA	-8,81395914	-0,018	0,312
CHR4	33825475	CHR4:33825475	SSF x Near_LoA	-7,58655624	0,044	0,316
CHR4	33883543	CHR4:33883543	SSF x Near_LoA	-7,85489967	0,120	0,299
CHR4	33897393	CHR4:33897393	SSF x Near_LoA	-10,3550924	0,072	0,309
CHR4	3403662	CHR4:3403662	SSF x Near_LoA	-7,26828017	0,134	0,294
CHR4	3409007	CHR4:3409007	SSF x Near_LoA	-12,241551	-0,024	0,303
CHR4	3417988	CHR4:3417988	SSF x Near_LoA	-10,7622495	0,014	0,315
CHR4	3417989	CHR4:3417989	SSF x Near_LoA	-10,0246589	0,000	0,309
CHR4	3426418	CHR4:3426418	SSF x Near_LoA	-9,46806246	-0,055	0,310
CHR4	3432475	CHR4:3432475	SSF x Near_LoA	-11,0766933	0,013	0,305
CHR4	3432624	CHR4:3432624	SSF x Near_LoA	-8,9877181	0,092	0,308
CHR4	346297	CHR4:346297	SSF x Near_LoA	-10,5142685	-0,005	0,307
CHR4	3463135	CHR4:3463135	SSF x Near_LoA	-1,44368533	0,220	0,293
CHR4	346380	CHR4:346380	SSF x Near_LoA	-11,2249998	-0,063	0,308
CHR4	3472881	CHR4:3472881	SSF x Near_LoA	-8,16485492	-0,135	0,290
CHR4	3484022	CHR4:3484022	SSF x Near_LoA	-9,70098861	-0,069	0,300
CHR4	3484276	CHR4:3484276	SSF x Near_LoA	-8,7081811	0,006	0,305
CHR4	3484343	CHR4:3484343	SSF x Near_LoA	-9,05919947	-0,003	0,305
CHR4	3493155	CHR4:3493155	SSF x Near_LoA	-6,8101803	-0,117	0,314
CHR4	3493228	CHR4:3493228	SSF x Near_LoA	-7,45282061	-0,032	0,306
CHR4	3493251	CHR4:3493251	SSF x Near_LoA	-6,3113818	-0,122	0,294
CHR4	3510955	CHR4:3510955	SSF x Near_LoA	-9,07481704	0,029	0,309
CHR4	3512278	CHR4:3512278	SSF x Near_LoA	-10,1261801	-0,058	0,308
CHR4	3513413	CHR4:3513413	SSF x Near_LoA	-6,81812117	-0,090	0,310
CHR4	3517980	CHR4:3517980	SSF x Near_LoA	-9,78298136	0,101	0,313
CHR4	3517999	CHR4:3517999	SSF x Near_LoA	-10,3403874	0,051	0,316
CHR4	3518018	CHR4:3518018	SSF x Near_LoA	-8,48293351	0,066	0,317
CHR4	3518108	CHR4:3518108	SSF x Near_LoA	-10,3590073	-0,072	0,286
CHR4	3518141	CHR4:3518141	SSF x Near_LoA	-10,0660951	0,102	0,291
CHR4	3518177	CHR4:3518177	SSF x Near_LoA	-8,13438131	-0,031	0,318
CHR4	3520020	CHR4:3520020	SSF x Near_LoA	-8,27484897	-0,111	0,293
CHR4	3520041	CHR4:3520041	SSF x Near_LoA	-9,38820576	0,085	0,305
CHR4	352374	CHR4:352374	SSF x Near_LoA	-9,38589943	0,021	0,310
CHR4	352402	CHR4:352402	SSF x Near_LoA	-9,09552763	0,022	0,297

CHR4	352470	CHR4:352470	SSF x Near_LoA	-10,2160169	0,023	0,324
CHR4	352496	CHR4:352496	SSF x Near_LoA	-8,57094249	-0,021	0,312
CHR4	3530763	CHR4:3530763	SSF x Near_LoA	-9,29509315	0,020	0,302
CHR4	3530764	CHR4:3530764	SSF x Near_LoA	-8,86725594	0,093	0,290
CHR4	3532395	CHR4:3532395	SSF x Near_LoA	-4,50819289	-0,106	0,313
CHR4	3532400	CHR4:3532400	SSF x Near_LoA	-12,0261179	0,003	0,312
CHR4	3539339	CHR4:3539339	SSF x Near_LoA	-8,2197104	0,011	0,298
CHR4	3542663	CHR4:3542663	SSF x Near_LoA	-8,445234	-0,067	0,318
CHR4	3545421	CHR4:3545421	SSF x Near_LoA	-9,06013205	0,000	0,310
CHR4	3552134	CHR4:3552134	SSF x Near_LoA	-5,76978941	-0,097	0,301
CHR4	3552166	CHR4:3552166	SSF x Near_LoA	-7,40209989	0,117	0,312
CHR4	3552259	CHR4:3552259	SSF x Near_LoA	-9,86547816	-0,078	0,303
CHR4	3552261	CHR4:3552261	SSF x Near_LoA	-8,2543309	-0,081	0,309
CHR4	3552272	CHR4:3552272	SSF x Near_LoA	-10,9289153	0,059	0,310
CHR4	3557393	CHR4:3557393	SSF x Near_LoA	-11,6949136	0,034	0,293
CHR4	3557471	CHR4:3557471	SSF x Near_LoA	-5,73289166	-0,178	0,290
CHR4	3557473	CHR4:3557473	SSF x Near_LoA	-11,4622493	-0,020	0,318
CHR4	3557485	CHR4:3557485	SSF x Near_LoA	-10,6365564	0,006	0,312
CHR4	3557523	CHR4:3557523	SSF x Near_LoA	-9,5473417	0,040	0,305
CHR4	3557539	CHR4:3557539	SSF x Near_LoA	-10,3891697	-0,044	0,290
CHR4	3563971	CHR4:3563971	SSF x Near_LoA	-9,13619848	-0,004	0,309
CHR4	3564079	CHR4:3564079	SSF x Near_LoA	-8,81012638	-0,011	0,315
CHR4	3564092	CHR4:3564092	SSF x Near_LoA	-8,84531279	-0,066	0,301
CHR4	3564180	CHR4:3564180	SSF x Near_LoA	-8,58578211	-0,038	0,320
CHR4	3564201	CHR4:3564201	SSF x Near_LoA	-6,67883361	0,053	0,304
CHR4	3564237	CHR4:3564237	SSF x Near_LoA	-11,4826847	-0,045	0,307
CHR4	3578620	CHR4:3578620	SSF x Near_LoA	-8,64082249	0,163	0,298
CHR4	3578772	CHR4:3578772	SSF x Near_LoA	-10,0211329	0,093	0,302
CHR4	3578830	CHR4:3578830	SSF x Near_LoA	-7,73740943	-0,097	0,294
CHR4	3578844	CHR4:3578844	SSF x Near_LoA	-11,1540523	-0,015	0,312
CHR4	3578893	CHR4:3578893	SSF x Near_LoA	-10,4500969	-0,034	0,312
CHR4	3594740	CHR4:3594740	SSF x Near_LoA	-10,0692445	-0,125	0,300
CHR4	3595663	CHR4:3595663	SSF x Near_LoA	-8,96089289	0,008	0,313
CHR4	3595744	CHR4:3595744	SSF x Near_LoA	-8,98839854	-0,134	0,296
CHR4	3595750	CHR4:3595750	SSF x Near_LoA	-9,91042931	0,109	0,297
CHR4	3595760	CHR4:3595760	SSF x Near_LoA	-9,9132285	-0,002	0,311
CHR4	3597890	CHR4:3597890	SSF x Near_LoA	-10,0435539	-0,027	0,300
CHR4	3600670	CHR4:3600670	SSF x Near_LoA	-9,17041983	-0,019	0,315
CHR4	3600772	CHR4:3600772	SSF x Near_LoA	-11,0276056	0,001	0,314
CHR4	3600777	CHR4:3600777	SSF x Near_LoA	-11,0321735	-0,025	0,299
CHR4	3600779	CHR4:3600779	SSF x Near_LoA	-10,9024597	0,109	0,299
CHR4	3600828	CHR4:3600828	SSF x Near_LoA	-9,64750878	0,039	0,300
CHR4	3600904	CHR4:3600904	SSF x Near_LoA	-8,27999727	0,087	0,308
CHR4	3600936	CHR4:3600936	SSF x Near_LoA	-9,28628765	-0,039	0,311
CHR4	3600960	CHR4:3600960	SSF x Near_LoA	-10,9722862	0,019	0,308
CHR4	3603667	CHR4:3603667	SSF x Near_LoA	-11,1302577	0,091	0,313
CHR4	3603674	CHR4:3603674	SSF x Near_LoA	-11,2160015	0,007	0,304
CHR4	3603733	CHR4:3603733	SSF x Near_LoA	-8,28453555	-0,163	0,301
CHR4	3603743	CHR4:3603743	SSF x Near_LoA	-9,19500873	-0,038	0,299
CHR4	3608932	CHR4:3608932	SSF x Near_LoA	-8,91830595	-0,083	0,313
CHR4	3609013	CHR4:3609013	SSF x Near_LoA	-7,53894618	-0,037	0,314
CHR4	361373	CHR4:361373	SSF x Near_LoA	-9,12899528	-0,073	0,310
CHR4	3613888	CHR4:3613888	SSF x Near_LoA	-8,88617209	-0,082	0,295

CHR4	3613917	CHR4:3613917	SSF x Near_LoA	-10,6896717	0,040	0,304
CHR4	3613961	CHR4:3613961	SSF x Near_LoA	-3,76207058	-0,098	0,315
CHR4	361440	CHR4:361440	SSF x Near_LoA	-7,64127488	0,018	0,322
CHR4	3618158	CHR4:3618158	SSF x Near_LoA	-11,533834	0,004	0,277
CHR4	3627920	CHR4:3627920	SSF x Near_LoA	-6,19762649	0,069	0,308
CHR4	3634973	CHR4:3634973	SSF x Near_LoA	-11,3915936	0,023	0,300
CHR4	3635561	CHR4:3635561	SSF x Near_LoA	-11,1481004	0,074	0,303
CHR4	3635617	CHR4:3635617	SSF x Near_LoA	-8,92136542	-0,033	0,310
CHR4	3635623	CHR4:3635623	SSF x Near_LoA	-10,7198839	0,063	0,302
CHR4	3650682	CHR4:3650682	SSF x Near_LoA	-7,39780469	0,016	0,304
CHR4	3658834	CHR4:3658834	SSF x Near_LoA	-11,834707	0,056	0,309
CHR4	3667055	CHR4:3667055	SSF x Near_LoA	-11,0611073	0,009	0,318
CHR4	3667116	CHR4:3667116	SSF x Near_LoA	-7,14833777	-0,072	0,290
CHR4	3667133	CHR4:3667133	SSF x Near_LoA	-10,996231	0,087	0,301
CHR4	3672768	CHR4:3672768	SSF x Near_LoA	-10,5698953	0,046	0,306
CHR4	3672986	CHR4:3672986	SSF x Near_LoA	-10,2731295	0,104	0,310
CHR4	3673008	CHR4:3673008	SSF x Near_LoA	-2,51350555	0,229	0,289
CHR4	3674352	CHR4:3674352	SSF x Near_LoA	-7,56557423	0,104	0,311
CHR4	3674505	CHR4:3674505	SSF x Near_LoA	-8,64539562	0,013	0,315
CHR4	3674508	CHR4:3674508	SSF x Near_LoA	-10,3292456	-0,087	0,320
CHR4	3681622	CHR4:3681622	SSF x Near_LoA	-6,88169643	-0,096	0,290
CHR4	3681721	CHR4:3681721	SSF x Near_LoA	-8,16356696	0,098	0,295
CHR4	3681742	CHR4:3681742	SSF x Near_LoA	-7,62964003	-0,090	0,285
CHR4	3681791	CHR4:3681791	SSF x Near_LoA	-10,2529367	-0,006	0,315
CHR4	3681792	CHR4:3681792	SSF x Near_LoA	-5,19342102	0,013	0,307
CHR4	3685777	CHR4:3685777	SSF x Near_LoA	-9,77974363	-0,010	0,299
CHR4	3699772	CHR4:3699772	SSF x Near_LoA	-7,61754278	0,083	0,307
CHR4	3699789	CHR4:3699789	SSF x Near_LoA	-7,34824913	0,029	0,321
CHR4	3699822	CHR4:3699822	SSF x Near_LoA	-9,8517633	0,146	0,293
CHR4	3701836	CHR4:3701836	SSF x Near_LoA	-7,97714304	0,136	0,295
CHR4	3701934	CHR4:3701934	SSF x Near_LoA	-9,73704593	0,068	0,317
CHR4	370668	CHR4:370668	SSF x Near_LoA	-9,51755198	-0,032	0,308
CHR4	370705	CHR4:370705	SSF x Near_LoA	-8,89192627	0,026	0,303
CHR4	370706	CHR4:370706	SSF x Near_LoA	-10,3766632	0,030	0,312
CHR4	3707390	CHR4:3707390	SSF x Near_LoA	-8,86238344	-0,021	0,307
CHR4	3713369	CHR4:3713369	SSF x Near_LoA	-9,76957319	0,004	0,302
CHR4	3721426	CHR4:3721426	SSF x Near_LoA	-8,05693849	0,040	0,306
CHR4	3721467	CHR4:3721467	SSF x Near_LoA	-9,84967083	-0,044	0,300
CHR4	3721487	CHR4:3721487	SSF x Near_LoA	-7,55906923	-0,082	0,319
CHR4	3724255	CHR4:3724255	SSF x Near_LoA	-9,07625974	-0,035	0,314
CHR4	3729056	CHR4:3729056	SSF x Near_LoA	-11,6788921	0,003	0,315
CHR4	3729100	CHR4:3729100	SSF x Near_LoA	-9,06676221	0,001	0,306
CHR4	3737656	CHR4:3737656	SSF x Near_LoA	-8,77511739	-0,024	0,316
CHR4	3737669	CHR4:3737669	SSF x Near_LoA	-7,3605406	0,077	0,315
CHR4	3737679	CHR4:3737679	SSF x Near_LoA	-1,13210331	-0,010	0,305
CHR4	3737756	CHR4:3737756	SSF x Near_LoA	-8,76121817	0,092	0,306
CHR4	3741321	CHR4:3741321	SSF x Near_LoA	-8,49868507	-0,155	0,296
CHR4	3741407	CHR4:3741407	SSF x Near_LoA	-7,42495028	0,139	0,290
CHR4	3741411	CHR4:3741411	SSF x Near_LoA	-8,04348818	0,044	0,310
CHR4	3743006	CHR4:3743006	SSF x Near_LoA	-10,2503316	-0,062	0,301
CHR4	3750797	CHR4:3750797	SSF x Near_LoA	-4,81807844	-0,177	0,300
CHR4	3750951	CHR4:3750951	SSF x Near_LoA	-10,3973603	-0,147	0,301
CHR4	3750991	CHR4:3750991	SSF x Near_LoA	-11,1565096	0,055	0,308

CHR4	3751038	CHR4:3751038	SSF x Near_LoA	-11,2119606	-0,030	0,313
CHR4	3751054	CHR4:3751054	SSF x Near_LoA	-9,34903371	0,092	0,319
CHR4	3751076	CHR4:3751076	SSF x Near_LoA	-9,06702635	0,117	0,313
CHR4	3751082	CHR4:3751082	SSF x Near_LoA	-10,4069396	0,039	0,311
CHR4	3755823	CHR4:3755823	SSF x Near_LoA	-11,3245474	0,076	0,313
CHR4	3755904	CHR4:3755904	SSF x Near_LoA	-9,11222519	0,023	0,296
CHR4	3756096	CHR4:3756096	SSF x Near_LoA	-7,91048874	0,150	0,306
CHR4	3769697	CHR4:3769697	SSF x Near_LoA	-5,06222903	-0,161	0,298
CHR4	3769745	CHR4:3769745	SSF x Near_LoA	-9,44990827	-0,020	0,308
CHR4	3769748	CHR4:3769748	SSF x Near_LoA	-9,96397191	-0,119	0,317
CHR4	3769751	CHR4:3769751	SSF x Near_LoA	-9,19427872	0,070	0,301
CHR4	3769759	CHR4:3769759	SSF x Near_LoA	-7,94233366	-0,172	0,304
CHR4	3770110	CHR4:3770110	SSF x Near_LoA	-10,532004	-0,087	0,303
CHR4	3770122	CHR4:3770122	SSF x Near_LoA	-11,0739713	-0,122	0,306
CHR4	378290	CHR4:378290	SSF x Near_LoA	-10,7100148	0,009	0,311
CHR4	378798	CHR4:378798	SSF x Near_LoA	-10,1418349	-0,139	0,302
CHR4	3791099	CHR4:3791099	SSF x Near_LoA	-9,00851688	0,058	0,305
CHR4	3791135	CHR4:3791135	SSF x Near_LoA	-9,43857241	-0,038	0,318
CHR4	3791186	CHR4:3791186	SSF x Near_LoA	-7,51056827	0,038	0,314
CHR4	3791198	CHR4:3791198	SSF x Near_LoA	-10,1219739	0,021	0,313
CHR4	3791222	CHR4:3791222	SSF x Near_LoA	-8,12723881	0,085	0,318
CHR4	3791369	CHR4:3791369	SSF x Near_LoA	-10,6734824	0,051	0,297
CHR4	3793652	CHR4:3793652	SSF x Near_LoA	-6,74485904	0,090	0,309
CHR4	3793866	CHR4:3793866	SSF x Near_LoA	-8,75476896	0,116	0,297
CHR4	3801185	CHR4:3801185	SSF x Near_LoA	-7,02367351	-0,197	0,299
CHR4	3804713	CHR4:3804713	SSF x Near_LoA	-10,8141225	0,054	0,303
CHR4	3804814	CHR4:3804814	SSF x Near_LoA	-11,4069843	-0,047	0,298
CHR4	3804893	CHR4:3804893	SSF x Near_LoA	-10,0992109	-0,101	0,300
CHR4	3825035	CHR4:3825035	SSF x Near_LoA	-9,92472198	0,008	0,307
CHR4	3825118	CHR4:3825118	SSF x Near_LoA	-11,559762	-0,026	0,310
CHR4	3825263	CHR4:3825263	SSF x Near_LoA	-7,9023847	-0,114	0,301
CHR4	3833174	CHR4:3833174	SSF x Near_LoA	-9,43995152	0,037	0,314
CHR4	3833197	CHR4:3833197	SSF x Near_LoA	-6,51224278	0,051	0,317
CHR4	3833208	CHR4:3833208	SSF x Near_LoA	-10,053865	-0,081	0,315
CHR4	3833224	CHR4:3833224	SSF x Near_LoA	-9,02461699	0,075	0,304
CHR4	3833226	CHR4:3833226	SSF x Near_LoA	1,18045045	-0,030	0,324
CHR4	3833244	CHR4:3833244	SSF x Near_LoA	-8,69551298	-0,111	0,307
CHR4	3833257	CHR4:3833257	SSF x Near_LoA	-11,2983343	-0,032	0,307
CHR4	3833301	CHR4:3833301	SSF x Near_LoA	-9,98423577	0,042	0,320
CHR4	3833364	CHR4:3833364	SSF x Near_LoA	-8,44141968	-0,075	0,312
CHR4	3848195	CHR4:3848195	SSF x Near_LoA	-9,58705333	-0,012	0,314
CHR4	3848206	CHR4:3848206	SSF x Near_LoA	-8,17596393	0,062	0,284
CHR4	3848215	CHR4:3848215	SSF x Near_LoA	-6,10867184	-0,025	0,316
CHR4	3848280	CHR4:3848280	SSF x Near_LoA	-10,6139297	0,051	0,296
CHR4	3848288	CHR4:3848288	SSF x Near_LoA	-9,86074471	0,025	0,310
CHR4	3855544	CHR4:3855544	SSF x Near_LoA	-10,7016785	0,021	0,306
CHR4	386283	CHR4:386283	SSF x Near_LoA	-7,71611723	-0,021	0,305
CHR4	386569	CHR4:386569	SSF x Near_LoA	-7,27619155	0,062	0,318
CHR4	3866614	CHR4:3866614	SSF x Near_LoA	-10,6929954	-0,006	0,296
CHR4	3866631	CHR4:3866631	SSF x Near_LoA	-11,978418	0,022	0,304
CHR4	3866679	CHR4:3866679	SSF x Near_LoA	-6,89784579	0,021	0,301
CHR4	3866766	CHR4:3866766	SSF x Near_LoA	-10,8527991	-0,077	0,313
CHR4	3867277	CHR4:3867277	SSF x Near_LoA	-8,50382208	-0,128	0,302

CHR4	3880858	CHR4:3880858	SSF x Near_LoA	-8,62388467	0,100	0,314
CHR4	3880872	CHR4:3880872	SSF x Near_LoA	-8,18932344	0,036	0,306
CHR4	3887749	CHR4:3887749	SSF x Near_LoA	-7,77980644	-0,033	0,303
CHR4	3887786	CHR4:3887786	SSF x Near_LoA	-10,0089396	0,113	0,305
CHR4	3887822	CHR4:3887822	SSF x Near_LoA	-6,83712665	0,029	0,319
CHR4	3887909	CHR4:3887909	SSF x Near_LoA	1,82086402	0,152	0,305
CHR4	3891434	CHR4:3891434	SSF x Near_LoA	-10,881949	-0,063	0,312
CHR4	3891476	CHR4:3891476	SSF x Near_LoA	-7,44813168	0,087	0,309
CHR4	3891477	CHR4:3891477	SSF x Near_LoA	-7,59567266	0,044	0,303
CHR4	3893390	CHR4:3893390	SSF x Near_LoA	-9,04527875	0,092	0,308
CHR4	3893426	CHR4:3893426	SSF x Near_LoA	-11,0440789	-0,035	0,317
CHR4	3894732	CHR4:3894732	SSF x Near_LoA	-9,51456639	0,010	0,300
CHR4	3894745	CHR4:3894745	SSF x Near_LoA	-10,9963108	0,038	0,304
CHR4	3899770	CHR4:3899770	SSF x Near_LoA	-7,45781131	0,011	0,314
CHR4	3899775	CHR4:3899775	SSF x Near_LoA	-7,55800341	-0,082	0,305
CHR4	3899878	CHR4:3899878	SSF x Near_LoA	-8,82062175	-0,032	0,301
CHR4	3899921	CHR4:3899921	SSF x Near_LoA	-10,335261	-0,033	0,304
CHR4	3900151	CHR4:3900151	SSF x Near_LoA	-7,89181379	-0,053	0,300
CHR4	3900196	CHR4:3900196	SSF x Near_LoA	-8,59228266	-0,095	0,319
CHR4	3911343	CHR4:3911343	SSF x Near_LoA	-7,49151369	0,113	0,302
CHR4	3911357	CHR4:3911357	SSF x Near_LoA	-5,02955544	0,141	0,303
CHR4	3911372	CHR4:3911372	SSF x Near_LoA	-10,7661842	0,125	0,292
CHR4	3911426	CHR4:3911426	SSF x Near_LoA	-7,04489123	-0,080	0,307
CHR4	3912241	CHR4:3912241	SSF x Near_LoA	-10,8206101	0,020	0,314
CHR4	3912287	CHR4:3912287	SSF x Near_LoA	-8,0592094	0,116	0,309
CHR4	3912349	CHR4:3912349	SSF x Near_LoA	-10,268977	0,136	0,296
CHR4	3916606	CHR4:3916606	SSF x Near_LoA	-8,93297189	-0,058	0,289
CHR4	3918915	CHR4:3918915	SSF x Near_LoA	-11,974104	-0,015	0,300
CHR4	3920796	CHR4:3920796	SSF x Near_LoA	-11,6038735	0,013	0,320
CHR4	3920889	CHR4:3920889	SSF x Near_LoA	-8,75857818	-0,110	0,307
CHR4	3920935	CHR4:3920935	SSF x Near_LoA	-8,92658716	-0,134	0,304
CHR4	3920942	CHR4:3920942	SSF x Near_LoA	-6,47739794	-0,104	0,310
CHR4	3920969	CHR4:3920969	SSF x Near_LoA	-9,26982866	0,085	0,297
CHR4	3929278	CHR4:3929278	SSF x Near_LoA	-8,55849544	0,035	0,315
CHR4	3929296	CHR4:3929296	SSF x Near_LoA	-10,2941287	-0,019	0,306
CHR4	3929370	CHR4:3929370	SSF x Near_LoA	-10,723306	-0,003	0,308
CHR4	3931232	CHR4:3931232	SSF x Near_LoA	-11,5167248	0,066	0,308
CHR4	3931242	CHR4:3931242	SSF x Near_LoA	-10,2270528	-0,026	0,310
CHR4	3931250	CHR4:3931250	SSF x Near_LoA	-9,05308709	-0,032	0,322
CHR4	3931259	CHR4:3931259	SSF x Near_LoA	-8,54661705	0,041	0,313
CHR4	3931270	CHR4:3931270	SSF x Near_LoA	-11,1591208	0,005	0,299
CHR4	3950456	CHR4:3950456	SSF x Near_LoA	-9,73203209	0,037	0,301
CHR4	3950479	CHR4:3950479	SSF x Near_LoA	-7,53432964	-0,125	0,300
CHR4	3950598	CHR4:3950598	SSF x Near_LoA	-5,42312532	0,092	0,302
CHR4	3950653	CHR4:3950653	SSF x Near_LoA	-8,38999504	0,056	0,315
CHR4	3950668	CHR4:3950668	SSF x Near_LoA	-9,45410469	0,090	0,309
CHR4	3950808	CHR4:3950808	SSF x Near_LoA	-10,8718796	-0,067	0,309
CHR4	3950820	CHR4:3950820	SSF x Near_LoA	-11,5343447	0,002	0,309
CHR4	3962237	CHR4:3962237	SSF x Near_LoA	-10,1009054	-0,130	0,308
CHR4	3962262	CHR4:3962262	SSF x Near_LoA	-8,47424911	-0,204	0,288
CHR4	3967000	CHR4:3967000	SSF x Near_LoA	-9,33789814	-0,024	0,290
CHR4	3967069	CHR4:3967069	SSF x Near_LoA	-8,1157677	-0,007	0,307
CHR4	3977699	CHR4:3977699	SSF x Near_LoA	-6,98744563	0,147	0,314

CHR4	3980379	CHR4:3980379	SSF x Near_LoA	-10,4563796	-0,012	0,302
CHR4	3983907	CHR4:3983907	SSF x Near_LoA	-6,97109899	-0,041	0,302
CHR4	3983943	CHR4:3983943	SSF x Near_LoA	-8,77781207	-0,033	0,323
CHR4	3983962	CHR4:3983962	SSF x Near_LoA	-7,87145776	-0,139	0,314
CHR4	3983964	CHR4:3983964	SSF x Near_LoA	-11,3111895	0,021	0,305
CHR4	3991778	CHR4:3991778	SSF x Near_LoA	-2,60659019	-0,005	0,308
CHR4	3992026	CHR4:3992026	SSF x Near_LoA	-9,14760709	-0,017	0,317
CHR4	3996478	CHR4:3996478	SSF x Near_LoA	-12,1484247	-0,051	0,309
CHR4	3999108	CHR4:3999108	SSF x Near_LoA	-11,8753524	0,015	0,298
CHR4	3999233	CHR4:3999233	SSF x Near_LoA	-8,66257597	-0,009	0,311
CHR4	3999269	CHR4:3999269	SSF x Near_LoA	-10,331498	0,092	0,307
CHR4	3999272	CHR4:3999272	SSF x Near_LoA	-7,48947795	-0,028	0,304
CHR4	4004942	CHR4:4004942	SSF x Near_LoA	-9,83669801	0,036	0,317
CHR4	4004953	CHR4:4004953	SSF x Near_LoA	-9,31867964	0,050	0,318
CHR4	4007280	CHR4:4007280	SSF x Near_LoA	-8,69474992	-0,113	0,311
CHR4	4016715	CHR4:4016715	SSF x Near_LoA	-11,1815295	-0,082	0,297
CHR4	4016738	CHR4:4016738	SSF x Near_LoA	-10,350512	-0,064	0,315
CHR4	4018961	CHR4:4018961	SSF x Near_LoA	-9,80205132	0,088	0,302
CHR4	4018962	CHR4:4018962	SSF x Near_LoA	-8,91397212	0,095	0,301
CHR4	401986	CHR4:401986	SSF x Near_LoA	-8,74314333	-0,089	0,301
CHR4	4020010	CHR4:4020010	SSF x Near_LoA	-10,2409479	0,037	0,313
CHR4	4020042	CHR4:4020042	SSF x Near_LoA	-9,11257641	0,022	0,301
CHR4	4020062	CHR4:4020062	SSF x Near_LoA	-10,0311306	-0,023	0,316
CHR4	4020087	CHR4:4020087	SSF x Near_LoA	-11,5753393	-0,048	0,310
CHR4	4022498	CHR4:4022498	SSF x Near_LoA	-5,72370029	-0,095	0,296
CHR4	4022503	CHR4:4022503	SSF x Near_LoA	-9,20639637	-0,065	0,315
CHR4	4022514	CHR4:4022514	SSF x Near_LoA	-9,96912984	-0,077	0,312
CHR4	4029356	CHR4:4029356	SSF x Near_LoA	-10,3154504	-0,040	0,314
CHR4	4030849	CHR4:4030849	SSF x Near_LoA	-7,08888676	0,119	0,307
CHR4	4032013	CHR4:4032013	SSF x Near_LoA	-8,54300788	0,023	0,303
CHR4	4033771	CHR4:4033771	SSF x Near_LoA	-9,20408847	-0,063	0,309
CHR4	403512	CHR4:403512	SSF x Near_LoA	-11,4708397	-0,051	0,295
CHR4	403526	CHR4:403526	SSF x Near_LoA	-9,73512715	-0,063	0,301
CHR4	403593	CHR4:403593	SSF x Near_LoA	-10,1446768	-0,060	0,302
CHR4	4040241	CHR4:4040241	SSF x Near_LoA	-10,6832934	0,096	0,304
CHR4	4041425	CHR4:4041425	SSF x Near_LoA	-10,2798234	-0,031	0,311
CHR4	4053862	CHR4:4053862	SSF x Near_LoA	-10,0605101	-0,043	0,311
CHR4	4053875	CHR4:4053875	SSF x Near_LoA	-10,3190365	-0,110	0,311
CHR4	4053886	CHR4:4053886	SSF x Near_LoA	-8,77078883	0,072	0,316
CHR4	4059897	CHR4:4059897	SSF x Near_LoA	-9,01271765	-0,084	0,317
CHR4	4059904	CHR4:4059904	SSF x Near_LoA	-10,4396051	0,065	0,306
CHR4	4060067	CHR4:4060067	SSF x Near_LoA	-11,5566407	0,045	0,299
CHR4	4072076	CHR4:4072076	SSF x Near_LoA	-9,12911206	-0,096	0,308
CHR4	4072077	CHR4:4072077	SSF x Near_LoA	0,2954329	-0,057	0,313
CHR4	4073378	CHR4:4073378	SSF x Near_LoA	-8,90253363	0,031	0,314
CHR4	4073399	CHR4:4073399	SSF x Near_LoA	-8,55628318	0,046	0,329
CHR4	4073424	CHR4:4073424	SSF x Near_LoA	-5,30840785	0,195	0,286
CHR4	4075836	CHR4:4075836	SSF x Near_LoA	-2,01239267	0,072	0,309
CHR4	4079953	CHR4:4079953	SSF x Near_LoA	-11,2899238	-0,015	0,312
CHR4	4080008	CHR4:4080008	SSF x Near_LoA	-9,12522098	0,007	0,308
CHR4	4082466	CHR4:4082466	SSF x Near_LoA	-5,1402251	-0,007	0,327
CHR4	4082580	CHR4:4082580	SSF x Near_LoA	-9,72941205	0,002	0,309
CHR4	4082627	CHR4:4082627	SSF x Near_LoA	-6,68686537	0,102	0,309

CHR4	4084113	CHR4:4084113	SSF x Near_LoA	-7,77159711	0,054	0,306
CHR4	4087415	CHR4:4087415	SSF x Near_LoA	-4,16360007	-0,069	0,295
CHR4	4087462	CHR4:4087462	SSF x Near_LoA	-9,41085823	-0,033	0,320
CHR4	4087513	CHR4:4087513	SSF x Near_LoA	-6,80820152	0,085	0,298
CHR4	4087586	CHR4:4087586	SSF x Near_LoA	-9,76928051	0,063	0,304
CHR4	4087589	CHR4:4087589	SSF x Near_LoA	-6,45537012	0,024	0,324
CHR4	4087592	CHR4:4087592	SSF x Near_LoA	-11,4076348	-0,086	0,312
CHR4	4089496	CHR4:4089496	SSF x Near_LoA	-9,92892706	0,048	0,310
CHR4	4098706	CHR4:4098706	SSF x Near_LoA	-7,07303459	0,029	0,310
CHR4	4101491	CHR4:4101491	SSF x Near_LoA	-5,13574146	-0,003	0,310
CHR4	4101492	CHR4:4101492	SSF x Near_LoA	-8,47066537	0,006	0,307
CHR4	4107681	CHR4:4107681	SSF x Near_LoA	-9,98761635	0,001	0,304
CHR4	4107693	CHR4:4107693	SSF x Near_LoA	-10,7744108	-0,002	0,317
CHR4	4107701	CHR4:4107701	SSF x Near_LoA	-8,00060417	-0,002	0,290
CHR4	4109917	CHR4:4109917	SSF x Near_LoA	-10,9312218	-0,034	0,308
CHR4	4109983	CHR4:4109983	SSF x Near_LoA	-10,2863371	0,006	0,289
CHR4	412258	CHR4:412258	SSF x Near_LoA	-8,31981786	0,057	0,305
CHR4	4137032	CHR4:4137032	SSF x Near_LoA	-10,5125234	-0,077	0,316
CHR4	4137144	CHR4:4137144	SSF x Near_LoA	-9,7423032	-0,064	0,300
CHR4	4137200	CHR4:4137200	SSF x Near_LoA	-11,9759499	-0,026	0,302
CHR4	4137288	CHR4:4137288	SSF x Near_LoA	-7,15047944	0,116	0,303
CHR4	4146027	CHR4:4146027	SSF x Near_LoA	-9,62419394	0,014	0,309
CHR4	4146181	CHR4:4146181	SSF x Near_LoA	-10,9954254	-0,022	0,318
CHR4	4146197	CHR4:4146197	SSF x Near_LoA	-8,16317301	0,045	0,322
CHR4	4146201	CHR4:4146201	SSF x Near_LoA	-8,73318495	-0,042	0,313
CHR4	4146224	CHR4:4146224	SSF x Near_LoA	-8,94467725	0,001	0,303
CHR4	4146272	CHR4:4146272	SSF x Near_LoA	-8,21073508	-0,161	0,290
CHR4	415695	CHR4:415695	SSF x Near_LoA	-9,32092748	0,005	0,300
CHR4	415723	CHR4:415723	SSF x Near_LoA	-9,58410159	0,024	0,281
CHR4	415815	CHR4:415815	SSF x Near_LoA	-9,36951411	0,003	0,304
CHR4	4184683	CHR4:4184683	SSF x Near_LoA	-11,6259327	-0,071	0,295
CHR4	4184811	CHR4:4184811	SSF x Near_LoA	-9,12423987	-0,034	0,287
CHR4	4184891	CHR4:4184891	SSF x Near_LoA	-10,1152637	-0,059	0,297
CHR4	4186438	CHR4:4186438	SSF x Near_LoA	-8,97555031	0,008	0,308
CHR4	4188734	CHR4:4188734	SSF x Near_LoA	-8,10532638	-0,095	0,300
CHR4	4188754	CHR4:4188754	SSF x Near_LoA	-8,68343795	0,016	0,309
CHR4	4188813	CHR4:4188813	SSF x Near_LoA	-8,40165434	0,009	0,318
CHR4	419221	CHR4:419221	SSF x Near_LoA	-7,98984604	0,093	0,307
CHR4	419265	CHR4:419265	SSF x Near_LoA	-2,16984845	-0,040	0,309
CHR4	419283	CHR4:419283	SSF x Near_LoA	-6,02888668	-0,069	0,307
CHR4	4193139	CHR4:4193139	SSF x Near_LoA	-8,06163468	-0,013	0,312
CHR4	4193293	CHR4:4193293	SSF x Near_LoA	-8,75300342	0,059	0,313
CHR4	419366	CHR4:419366	SSF x Near_LoA	-8,64106358	0,072	0,309
CHR4	419399	CHR4:419399	SSF x Near_LoA	-9,08167086	-0,014	0,309
CHR4	419458	CHR4:419458	SSF x Near_LoA	-8,75647399	-0,096	0,311
CHR4	419477	CHR4:419477	SSF x Near_LoA	-10,2175073	0,051	0,310
CHR4	4201936	CHR4:4201936	SSF x Near_LoA	-9,63137898	-0,007	0,308
CHR4	4202001	CHR4:4202001	SSF x Near_LoA	-2,63340643	0,163	0,291
CHR4	4202038	CHR4:4202038	SSF x Near_LoA	-8,92850727	-0,031	0,300
CHR4	4214572	CHR4:4214572	SSF x Near_LoA	-7,27911678	-0,007	0,314
CHR4	4214576	CHR4:4214576	SSF x Near_LoA	-9,41326167	-0,009	0,298
CHR4	4214619	CHR4:4214619	SSF x Near_LoA	-7,68911278	-0,027	0,302
CHR4	4215662	CHR4:4215662	SSF x Near_LoA	-8,15583641	-0,062	0,305

CHR4	4215696	CHR4:4215696	SSF x Near_LoA	-11,231626	-0,026	0,301
CHR4	4215933	CHR4:4215933	SSF x Near_LoA	-6,38268292	-0,028	0,297
CHR4	4222963	CHR4:4222963	SSF x Near_LoA	-8,81162652	0,009	0,309
CHR4	4223010	CHR4:4223010	SSF x Near_LoA	-9,74507922	0,042	0,322
CHR4	4231335	CHR4:4231335	SSF x Near_LoA	-5,04956184	-0,113	0,308
CHR4	4231415	CHR4:4231415	SSF x Near_LoA	-8,99675465	-0,110	0,315
CHR4	4231442	CHR4:4231442	SSF x Near_LoA	-10,2293068	-0,108	0,296
CHR4	4231665	CHR4:4231665	SSF x Near_LoA	-1,20492705	-0,142	0,300
CHR4	4231711	CHR4:4231711	SSF x Near_LoA	-10,6608956	-0,045	0,302
CHR4	4231715	CHR4:4231715	SSF x Near_LoA	-11,5905608	0,040	0,323
CHR4	4238506	CHR4:4238506	SSF x Near_LoA	-10,0299877	0,084	0,303
CHR4	4248319	CHR4:4248319	SSF x Near_LoA	-7,9976042	0,135	0,303
CHR4	4248322	CHR4:4248322	SSF x Near_LoA	7,62173129	0,067	0,311
CHR4	4248356	CHR4:4248356	SSF x Near_LoA	-8,29512908	0,057	0,316
CHR4	4264274	CHR4:4264274	SSF x Near_LoA	-10,4483668	-0,085	0,323
CHR4	4264620	CHR4:4264620	SSF x Near_LoA	-9,91032703	0,031	0,305
CHR4	4264651	CHR4:4264651	SSF x Near_LoA	-7,78289851	-0,118	0,304
CHR4	4270193	CHR4:4270193	SSF x Near_LoA	-2,12573765	-0,120	0,305
CHR4	4270218	CHR4:4270218	SSF x Near_LoA	-10,7010286	0,050	0,301
CHR4	4270335	CHR4:4270335	SSF x Near_LoA	-9,64855761	-0,085	0,295
CHR4	4270367	CHR4:4270367	SSF x Near_LoA	-8,16349221	0,036	0,277
CHR4	4277102	CHR4:4277102	SSF x Near_LoA	-3,24784977	-0,075	0,306
CHR4	4277224	CHR4:4277224	SSF x Near_LoA	-11,0177837	-0,005	0,311
CHR4	4277281	CHR4:4277281	SSF x Near_LoA	-10,9730159	-0,044	0,287
CHR4	4277315	CHR4:4277315	SSF x Near_LoA	-8,47874258	-0,002	0,308
CHR4	428802	CHR4:428802	SSF x Near_LoA	-9,918235	-0,053	0,300
CHR4	428855	CHR4:428855	SSF x Near_LoA	-7,2892489	0,127	0,299
CHR4	428884	CHR4:428884	SSF x Near_LoA	-8,45088743	0,107	0,314
CHR4	428916	CHR4:428916	SSF x Near_LoA	-9,7305668	-0,065	0,292
CHR4	4300479	CHR4:4300479	SSF x Near_LoA	-9,13350616	0,068	0,307
CHR4	4303478	CHR4:4303478	SSF x Near_LoA	-11,5730851	-0,020	0,307
CHR4	4303613	CHR4:4303613	SSF x Near_LoA	-8,03735907	-0,008	0,317
CHR4	4303652	CHR4:4303652	SSF x Near_LoA	-9,39611754	0,010	0,303
CHR4	4313646	CHR4:4313646	SSF x Near_LoA	-9,51299333	0,038	0,313
CHR4	4313805	CHR4:4313805	SSF x Near_LoA	-11,0771336	-0,106	0,306
CHR4	4313886	CHR4:4313886	SSF x Near_LoA	-10,4523173	0,024	0,321
CHR4	4317404	CHR4:4317404	SSF x Near_LoA	-9,16833143	-0,061	0,308
CHR4	4317658	CHR4:4317658	SSF x Near_LoA	-11,3180666	0,031	0,309
CHR4	4322874	CHR4:4322874	SSF x Near_LoA	-10,5154651	0,026	0,308
CHR4	4322921	CHR4:4322921	SSF x Near_LoA	-8,38539692	-0,004	0,319
CHR4	4322945	CHR4:4322945	SSF x Near_LoA	-9,07465412	-0,031	0,311
CHR4	4322985	CHR4:4322985	SSF x Near_LoA	-9,70993661	0,003	0,315
CHR4	4330546	CHR4:4330546	SSF x Near_LoA	-9,06855954	-0,137	0,328
CHR4	4330562	CHR4:4330562	SSF x Near_LoA	-9,66738306	0,046	0,303
CHR4	4330701	CHR4:4330701	SSF x Near_LoA	-7,07793518	-0,083	0,302
CHR4	4330786	CHR4:4330786	SSF x Near_LoA	-8,86613828	0,088	0,302
CHR4	4330806	CHR4:4330806	SSF x Near_LoA	-11,050592	-0,100	0,296
CHR4	4334946	CHR4:4334946	SSF x Near_LoA	-11,2660414	-0,010	0,315
CHR4	4334959	CHR4:4334959	SSF x Near_LoA	-8,07469731	-0,006	0,311
CHR4	4335037	CHR4:4335037	SSF x Near_LoA	-8,46650628	0,111	0,311
CHR4	4335118	CHR4:4335118	SSF x Near_LoA	-10,8331177	-0,009	0,309
CHR4	4347558	CHR4:4347558	SSF x Near_LoA	-9,87563552	-0,094	0,304
CHR4	435105	CHR4:435105	SSF x Near_LoA	-8,90392264	0,052	0,305

CHR4	435151	CHR4:435151	SSF x Near_LoA	-9,71796083	-0,058	0,300
CHR4	435154	CHR4:435154	SSF x Near_LoA	-10,980791	-0,076	0,314
CHR4	435213	CHR4:435213	SSF x Near_LoA	-7,88465475	-0,069	0,308
CHR4	435240	CHR4:435240	SSF x Near_LoA	-8,63696668	-0,074	0,312
CHR4	435333	CHR4:435333	SSF x Near_LoA	-10,8392748	0,026	0,309
CHR4	435370	CHR4:435370	SSF x Near_LoA	-6,8759763	-0,078	0,290
CHR4	4358424	CHR4:4358424	SSF x Near_LoA	-9,41333417	-0,139	0,324
CHR4	4358468	CHR4:4358468	SSF x Near_LoA	-6,86446511	0,181	0,293
CHR4	4375454	CHR4:4375454	SSF x Near_LoA	-11,2005797	-0,081	0,310
CHR4	4375480	CHR4:4375480	SSF x Near_LoA	-8,080748	0,038	0,309
CHR4	4376816	CHR4:4376816	SSF x Near_LoA	-10,8533962	-0,011	0,301
CHR4	4376826	CHR4:4376826	SSF x Near_LoA	-8,41665858	0,052	0,312
CHR4	4383920	CHR4:4383920	SSF x Near_LoA	-10,1403563	-0,020	0,313
CHR4	4384055	CHR4:4384055	SSF x Near_LoA	-8,97732066	-0,080	0,308
CHR4	4384071	CHR4:4384071	SSF x Near_LoA	-10,2620432	-0,057	0,308
CHR4	4397456	CHR4:4397456	SSF x Near_LoA	-11,2770844	0,039	0,316
CHR4	4397472	CHR4:4397472	SSF x Near_LoA	-9,28893243	-0,071	0,313
CHR4	4403968	CHR4:4403968	SSF x Near_LoA	-8,42342081	0,085	0,309
CHR4	4403980	CHR4:4403980	SSF x Near_LoA	-11,2398617	-0,026	0,314
CHR4	4404064	CHR4:4404064	SSF x Near_LoA	-6,01728673	-0,115	0,310
CHR4	4404116	CHR4:4404116	SSF x Near_LoA	-8,34891489	-0,078	0,306
CHR4	4404139	CHR4:4404139	SSF x Near_LoA	-2,00978698	0,001	0,304
CHR4	4404145	CHR4:4404145	SSF x Near_LoA	-8,9154092	0,043	0,300
CHR4	4404175	CHR4:4404175	SSF x Near_LoA	-8,47403546	0,117	0,307
CHR4	4408243	CHR4:4408243	SSF x Near_LoA	-8,82945805	0,011	0,301
CHR4	4416219	CHR4:4416219	SSF x Near_LoA	-11,1361298	-0,089	0,291
CHR4	4416407	CHR4:4416407	SSF x Near_LoA	-10,4858696	0,014	0,303
CHR4	4416467	CHR4:4416467	SSF x Near_LoA	-10,778869	0,046	0,306
CHR4	4416483	CHR4:4416483	SSF x Near_LoA	-10,4855863	0,059	0,316
CHR4	4431234	CHR4:4431234	SSF x Near_LoA	-9,2355192	0,127	0,305
CHR4	4432313	CHR4:4432313	SSF x Near_LoA	-7,60249999	0,086	0,319
CHR4	4432377	CHR4:4432377	SSF x Near_LoA	3,21081886	-0,092	0,321
CHR4	4452656	CHR4:4452656	SSF x Near_LoA	-12,3654102	-0,025	0,299
CHR4	4478684	CHR4:4478684	SSF x Near_LoA	-9,10316707	-0,112	0,307
CHR4	4478735	CHR4:4478735	SSF x Near_LoA	-11,1208589	0,060	0,304
CHR4	4478794	CHR4:4478794	SSF x Near_LoA	-10,9280856	-0,047	0,300
CHR4	4478803	CHR4:4478803	SSF x Near_LoA	-12,200618	0,002	0,304
CHR4	4478808	CHR4:4478808	SSF x Near_LoA	-7,20296618	0,031	0,317
CHR4	4478831	CHR4:4478831	SSF x Near_LoA	-9,41093244	-0,063	0,307
CHR4	4478860	CHR4:4478860	SSF x Near_LoA	-10,4059393	0,031	0,308
CHR4	4479315	CHR4:4479315	SSF x Near_LoA	-11,697201	0,068	0,307
CHR4	4480479	CHR4:4480479	SSF x Near_LoA	-10,8549118	0,077	0,309
CHR4	4480496	CHR4:4480496	SSF x Near_LoA	-10,8194624	0,063	0,310
CHR4	4480604	CHR4:4480604	SSF x Near_LoA	-9,29975839	0,127	0,306
CHR4	4480609	CHR4:4480609	SSF x Near_LoA	-8,00601498	-0,115	0,313
CHR4	4485492	CHR4:4485492	SSF x Near_LoA	-9,68534872	0,022	0,302
CHR4	4485496	CHR4:4485496	SSF x Near_LoA	-9,94661209	-0,052	0,307
CHR4	4485498	CHR4:4485498	SSF x Near_LoA	-9,38459787	-0,058	0,299
CHR4	448950	CHR4:448950	SSF x Near_LoA	-8,38958197	0,064	0,315
CHR4	448978	CHR4:448978	SSF x Near_LoA	-3,95775863	-0,005	0,305
CHR4	448979	CHR4:448979	SSF x Near_LoA	-8,85052461	-0,027	0,306
CHR4	449005	CHR4:449005	SSF x Near_LoA	-6,56299436	-0,024	0,328
CHR4	449079	CHR4:449079	SSF x Near_LoA	-8,42488411	0,011	0,308

CHR4	4492177	CHR4:4492177	SSF x Near_LoA	-9,23637001	0,060	0,300
CHR4	4492754	CHR4:4492754	SSF x Near_LoA	-8,36289394	-0,106	0,309
CHR4	4500876	CHR4:4500876	SSF x Near_LoA	-5,8665176	-0,118	0,300
CHR4	4500909	CHR4:4500909	SSF x Near_LoA	-9,17923545	-0,041	0,305
CHR4	4506428	CHR4:4506428	SSF x Near_LoA	-8,23686417	0,111	0,307
CHR4	4506456	CHR4:4506456	SSF x Near_LoA	-10,7800454	0,062	0,298
CHR4	4506488	CHR4:4506488	SSF x Near_LoA	-4,69087675	0,158	0,297
CHR4	4506599	CHR4:4506599	SSF x Near_LoA	-5,66800438	0,157	0,300
CHR4	4507865	CHR4:4507865	SSF x Near_LoA	-9,4675304	0,009	0,304
CHR4	4513661	CHR4:4513661	SSF x Near_LoA	-8,69548283	-0,017	0,316
CHR4	4513907	CHR4:4513907	SSF x Near_LoA	-9,9821305	0,009	0,298
CHR4	4513919	CHR4:4513919	SSF x Near_LoA	1,36485889	0,027	0,287
CHR4	4513929	CHR4:4513929	SSF x Near_LoA	-10,215151	-0,035	0,307
CHR4	4513958	CHR4:4513958	SSF x Near_LoA	-11,1632243	-0,036	0,313
CHR4	4524409	CHR4:4524409	SSF x Near_LoA	-9,911833	-0,075	0,301
CHR4	4524508	CHR4:4524508	SSF x Near_LoA	-9,37127298	0,002	0,309
CHR4	4524668	CHR4:4524668	SSF x Near_LoA	-11,9694398	-0,063	0,296
CHR4	4524763	CHR4:4524763	SSF x Near_LoA	-9,94828586	0,017	0,305
CHR4	4550322	CHR4:4550322	SSF x Near_LoA	-9,56814644	0,092	0,299
CHR4	4553905	CHR4:4553905	SSF x Near_LoA	-7,16996786	0,176	0,294
CHR4	4553915	CHR4:4553915	SSF x Near_LoA	-10,5507353	0,049	0,307
CHR4	4553923	CHR4:4553923	SSF x Near_LoA	-9,47271711	0,035	0,310
CHR4	4553963	CHR4:4553963	SSF x Near_LoA	-8,48332744	0,043	0,303
CHR4	4553973	CHR4:4553973	SSF x Near_LoA	-5,81029298	-0,147	0,308
CHR4	4554003	CHR4:4554003	SSF x Near_LoA	-8,02152635	-0,180	0,299
CHR4	4554008	CHR4:4554008	SSF x Near_LoA	-5,20429239	-0,172	0,301
CHR4	4554049	CHR4:4554049	SSF x Near_LoA	-9,37286528	0,012	0,320
CHR4	4554084	CHR4:4554084	SSF x Near_LoA	-9,38987363	0,042	0,294
CHR4	4562248	CHR4:4562248	SSF x Near_LoA	-7,99071537	0,114	0,313
CHR4	4562285	CHR4:4562285	SSF x Near_LoA	-11,4781535	-0,040	0,306
CHR4	4562334	CHR4:4562334	SSF x Near_LoA	-9,82728372	-0,050	0,287
CHR4	4562360	CHR4:4562360	SSF x Near_LoA	-11,6862972	-0,051	0,305
CHR4	4562367	CHR4:4562367	SSF x Near_LoA	-8,54025017	0,034	0,307
CHR4	456630	CHR4:456630	SSF x Near_LoA	-10,5386842	0,019	0,312
CHR4	4573167	CHR4:4573167	SSF x Near_LoA	-8,56393493	-0,085	0,305
CHR4	4575772	CHR4:4575772	SSF x Near_LoA	-10,4490341	0,072	0,298
CHR4	4575806	CHR4:4575806	SSF x Near_LoA	-7,69246662	0,088	0,305
CHR4	4575845	CHR4:4575845	SSF x Near_LoA	-11,5857169	-0,048	0,309
CHR4	4575851	CHR4:4575851	SSF x Near_LoA	-3,62992999	-0,010	0,303
CHR4	4575852	CHR4:4575852	SSF x Near_LoA	-8,72909131	0,020	0,305
CHR4	4575956	CHR4:4575956	SSF x Near_LoA	-10,5831412	0,018	0,301
CHR4	4576026	CHR4:4576026	SSF x Near_LoA	-11,0964199	-0,072	0,318
CHR4	4576027	CHR4:4576027	SSF x Near_LoA	-11,2091359	-0,040	0,311
CHR4	4593992	CHR4:4593992	SSF x Near_LoA	-8,12724347	0,158	0,297
CHR4	4595855	CHR4:4595855	SSF x Near_LoA	-6,79446297	-0,064	0,299
CHR4	4595868	CHR4:4595868	SSF x Near_LoA	-7,14070591	-0,075	0,307
CHR4	4595908	CHR4:4595908	SSF x Near_LoA	-10,2142427	-0,074	0,302
CHR4	4600468	CHR4:4600468	SSF x Near_LoA	-10,8025166	0,007	0,299
CHR4	4600564	CHR4:4600564	SSF x Near_LoA	-7,90575846	0,018	0,293
CHR4	4600575	CHR4:4600575	SSF x Near_LoA	-10,6379736	0,107	0,302
CHR4	4616989	CHR4:4616989	SSF x Near_LoA	-10,6486597	0,073	0,307
CHR4	4617210	CHR4:4617210	SSF x Near_LoA	-10,5533982	-0,033	0,307
CHR4	4617335	CHR4:4617335	SSF x Near_LoA	-11,4053453	0,099	0,308

CHR4	462077	CHR4:462077	SSF x Near_LoA	-7,45688637	0,029	0,305
CHR4	4631572	CHR4:4631572	SSF x Near_LoA	-10,7408721	0,027	0,313
CHR4	4631608	CHR4:4631608	SSF x Near_LoA	-10,026407	0,032	0,318
CHR4	4631618	CHR4:4631618	SSF x Near_LoA	-8,9249031	0,029	0,308
CHR4	4631623	CHR4:4631623	SSF x Near_LoA	-8,4883781	-0,042	0,306
CHR4	463419	CHR4:463419	SSF x Near_LoA	-10,7117204	0,013	0,316
CHR4	4637388	CHR4:4637388	SSF x Near_LoA	-9,25303415	-0,015	0,305
CHR4	4637461	CHR4:4637461	SSF x Near_LoA	-10,3888372	0,039	0,308
CHR4	4637468	CHR4:4637468	SSF x Near_LoA	-10,2660146	-0,001	0,307
CHR4	4637532	CHR4:4637532	SSF x Near_LoA	-7,35623839	-0,148	0,303
CHR4	4637577	CHR4:4637577	SSF x Near_LoA	-9,95850261	0,098	0,307
CHR4	4637597	CHR4:4637597	SSF x Near_LoA	-8,60909996	0,074	0,293
CHR4	4637635	CHR4:4637635	SSF x Near_LoA	-8,53369093	-0,026	0,321
CHR4	4647110	CHR4:4647110	SSF x Near_LoA	-8,55638279	-0,098	0,303
CHR4	4647139	CHR4:4647139	SSF x Near_LoA	-6,42570658	0,035	0,297
CHR4	4647216	CHR4:4647216	SSF x Near_LoA	-10,394412	-0,079	0,296
CHR4	4660481	CHR4:4660481	SSF x Near_LoA	-9,10813521	-0,033	0,291
CHR4	4660675	CHR4:4660675	SSF x Near_LoA	-9,14003722	0,024	0,311
CHR4	4661959	CHR4:4661959	SSF x Near_LoA	-7,93668176	-0,102	0,286
CHR4	4666886	CHR4:4666886	SSF x Near_LoA	-3,6735284	-0,041	0,311
CHR4	4667021	CHR4:4667021	SSF x Near_LoA	-11,1848477	0,002	0,306
CHR4	4667072	CHR4:4667072	SSF x Near_LoA	-10,6584181	-0,102	0,300
CHR4	4669650	CHR4:4669650	SSF x Near_LoA	-8,80537722	0,037	0,302
CHR4	4676182	CHR4:4676182	SSF x Near_LoA	-9,85177605	-0,110	0,300
CHR4	4676187	CHR4:4676187	SSF x Near_LoA	-10,0287159	0,094	0,276
CHR4	4676203	CHR4:4676203	SSF x Near_LoA	-8,00259019	0,015	0,301
CHR4	4676277	CHR4:4676277	SSF x Near_LoA	-9,12161183	0,115	0,268
CHR4	4676291	CHR4:4676291	SSF x Near_LoA	-11,1778064	0,053	0,324
CHR4	4676428	CHR4:4676428	SSF x Near_LoA	-9,22384908	0,139	0,301
CHR4	4679055	CHR4:4679055	SSF x Near_LoA	-9,76889109	0,023	0,316
CHR4	4694440	CHR4:4694440	SSF x Near_LoA	-8,68543245	-0,003	0,320
CHR4	4694478	CHR4:4694478	SSF x Near_LoA	-11,120287	0,078	0,295
CHR4	4694484	CHR4:4694484	SSF x Near_LoA	-7,50234316	-0,037	0,305
CHR4	4694489	CHR4:4694489	SSF x Near_LoA	-12,3246781	-0,008	0,311
CHR4	4694819	CHR4:4694819	SSF x Near_LoA	-11,5056914	-0,027	0,304
CHR4	4698562	CHR4:4698562	SSF x Near_LoA	-10,4453845	0,030	0,306
CHR4	4698634	CHR4:4698634	SSF x Near_LoA	-10,7093748	-0,068	0,313
CHR4	4698637	CHR4:4698637	SSF x Near_LoA	-8,74549684	-0,057	0,308
CHR4	4700290	CHR4:4700290	SSF x Near_LoA	-9,62687563	0,043	0,310
CHR4	4700307	CHR4:4700307	SSF x Near_LoA	-10,5110418	-0,042	0,287
CHR4	4700348	CHR4:4700348	SSF x Near_LoA	-8,06819926	0,118	0,298
CHR4	4700363	CHR4:4700363	SSF x Near_LoA	-5,62138213	-0,006	0,312
CHR4	4700441	CHR4:4700441	SSF x Near_LoA	-8,45485515	-0,098	0,304
CHR4	4700467	CHR4:4700467	SSF x Near_LoA	-9,73000611	-0,010	0,302
CHR4	4702131	CHR4:4702131	SSF x Near_LoA	-9,38611586	-0,063	0,318
CHR4	4702167	CHR4:4702167	SSF x Near_LoA	-7,42059804	-0,129	0,300
CHR4	4716442	CHR4:4716442	SSF x Near_LoA	-11,3123415	0,030	0,306
CHR4	4738604	CHR4:4738604	SSF x Near_LoA	-8,80667555	0,024	0,306
CHR4	4738623	CHR4:4738623	SSF x Near_LoA	-8,23768139	0,052	0,318
CHR4	4738698	CHR4:4738698	SSF x Near_LoA	-8,5889816	0,110	0,308
CHR4	4738713	CHR4:4738713	SSF x Near_LoA	1,31363912	-0,076	0,303
CHR4	4743195	CHR4:4743195	SSF x Near_LoA	-8,88222883	-0,108	0,285
CHR4	4743337	CHR4:4743337	SSF x Near_LoA	-11,1305371	-0,046	0,309

CHR4	4743338	CHR4:4743338	SSF x Near_LoA	-9,16774267	-0,042	0,311
CHR4	4743341	CHR4:4743341	SSF x Near_LoA	-11,4002202	0,035	0,314
CHR4	4743368	CHR4:4743368	SSF x Near_LoA	-6,28144771	0,024	0,302
CHR4	4744526	CHR4:4744526	SSF x Near_LoA	-9,63934109	-0,035	0,310
CHR4	4744632	CHR4:4744632	SSF x Near_LoA	-6,64467519	-0,062	0,302
CHR4	4744634	CHR4:4744634	SSF x Near_LoA	-10,6474941	-0,126	0,306
CHR4	4744669	CHR4:4744669	SSF x Near_LoA	-7,07253279	-0,042	0,313
CHR4	4744682	CHR4:4744682	SSF x Near_LoA	-10,1469929	0,041	0,317
CHR4	4744692	CHR4:4744692	SSF x Near_LoA	-10,187229	-0,037	0,303
CHR4	4745850	CHR4:4745850	SSF x Near_LoA	-8,52715992	0,094	0,302
CHR4	4745882	CHR4:4745882	SSF x Near_LoA	-7,73081748	-0,136	0,298
CHR4	4755119	CHR4:4755119	SSF x Near_LoA	-10,0255111	-0,013	0,313
CHR4	4759456	CHR4:4759456	SSF x Near_LoA	-9,59491443	0,091	0,291
CHR4	4759530	CHR4:4759530	SSF x Near_LoA	-10,6756447	-0,085	0,301
CHR4	4759586	CHR4:4759586	SSF x Near_LoA	-5,26898941	-0,116	0,308
CHR4	4759604	CHR4:4759604	SSF x Near_LoA	-11,1584968	0,016	0,314
CHR4	4769417	CHR4:4769417	SSF x Near_LoA	-8,02526264	-0,104	0,309
CHR4	4771569	CHR4:4771569	SSF x Near_LoA	-9,20459548	-0,071	0,304
CHR4	4771598	CHR4:4771598	SSF x Near_LoA	-6,0987403	-0,055	0,310
CHR4	4771632	CHR4:4771632	SSF x Near_LoA	-8,5373523	0,063	0,294
CHR4	4771665	CHR4:4771665	SSF x Near_LoA	-8,78658861	0,052	0,310
CHR4	4771751	CHR4:4771751	SSF x Near_LoA	-8,94236069	-0,031	0,332
CHR4	4771760	CHR4:4771760	SSF x Near_LoA	-9,17125814	-0,048	0,310
CHR4	4771785	CHR4:4771785	SSF x Near_LoA	-10,8262757	0,061	0,314
CHR4	4774616	CHR4:4774616	SSF x Near_LoA	-9,46638464	-0,010	0,312
CHR4	4774633	CHR4:4774633	SSF x Near_LoA	-10,454013	-0,013	0,321
CHR4	4774634	CHR4:4774634	SSF x Near_LoA	-10,1484871	-0,059	0,302
CHR4	4774706	CHR4:4774706	SSF x Near_LoA	-7,39263002	-0,011	0,302
CHR4	4774723	CHR4:4774723	SSF x Near_LoA	-8,72324815	0,024	0,322
CHR4	4774788	CHR4:4774788	SSF x Near_LoA	-9,66413617	0,057	0,314
CHR4	4774802	CHR4:4774802	SSF x Near_LoA	-10,4944078	0,031	0,299
CHR4	4774804	CHR4:4774804	SSF x Near_LoA	-9,75068578	0,001	0,313
CHR4	4774806	CHR4:4774806	SSF x Near_LoA	-8,46149459	0,042	0,309
CHR4	4774841	CHR4:4774841	SSF x Near_LoA	-7,59524389	0,109	0,303
CHR4	4774850	CHR4:4774850	SSF x Near_LoA	-7,6417871	-0,039	0,315
CHR4	4774853	CHR4:4774853	SSF x Near_LoA	-8,16018344	0,071	0,319
CHR4	4774858	CHR4:4774858	SSF x Near_LoA	-10,9360222	-0,070	0,315
CHR4	4774860	CHR4:4774860	SSF x Near_LoA	-11,1164711	-0,038	0,309
CHR4	4774862	CHR4:4774862	SSF x Near_LoA	-11,7210401	-0,003	0,305
CHR4	4774865	CHR4:4774865	SSF x Near_LoA	-10,7044317	-0,073	0,307
CHR4	4786835	CHR4:4786835	SSF x Near_LoA	-10,2704844	-0,052	0,308
CHR4	4786937	CHR4:4786937	SSF x Near_LoA	-12,0207644	0,004	0,313
CHR4	4787117	CHR4:4787117	SSF x Near_LoA	-12,0819867	-0,015	0,304
CHR4	4793660	CHR4:4793660	SSF x Near_LoA	-9,71345401	-0,066	0,309
CHR4	4799829	CHR4:4799829	SSF x Near_LoA	-10,0328337	-0,055	0,301
CHR4	4804331	CHR4:4804331	SSF x Near_LoA	-10,3129691	0,005	0,311
CHR4	4804351	CHR4:4804351	SSF x Near_LoA	-8,56524179	-0,132	0,288
CHR4	4804367	CHR4:4804367	SSF x Near_LoA	-9,02359229	0,038	0,298
CHR4	4804524	CHR4:4804524	SSF x Near_LoA	-9,42993706	0,121	0,306
CHR4	4804621	CHR4:4804621	SSF x Near_LoA	-8,87783276	-0,119	0,313
CHR4	4814241	CHR4:4814241	SSF x Near_LoA	-11,4437564	-0,027	0,309
CHR4	4823382	CHR4:4823382	SSF x Near_LoA	-4,51303837	0,141	0,303
CHR4	4823435	CHR4:4823435	SSF x Near_LoA	-8,52536899	-0,148	0,298

CHR4	4825585	CHR4:4825585	SSF x Near_LoA	-8,60053086	0,159	0,294
CHR4	4825638	CHR4:4825638	SSF x Near_LoA	-11,288252	-0,034	0,306
CHR4	483126	CHR4:483126	SSF x Near_LoA	-9,55135073	-0,088	0,312
CHR4	483144	CHR4:483144	SSF x Near_LoA	-9,82586238	-0,079	0,281
CHR4	484346	CHR4:484346	SSF x Near_LoA	-9,53041932	0,039	0,309
CHR4	484408	CHR4:484408	SSF x Near_LoA	-9,01344157	-0,067	0,301
CHR4	484435	CHR4:484435	SSF x Near_LoA	-11,8177402	-0,079	0,288
CHR4	4845622	CHR4:4845622	SSF x Near_LoA	-10,0212407	-0,039	0,317
CHR4	4845701	CHR4:4845701	SSF x Near_LoA	-8,99366325	-0,026	0,304
CHR4	4848917	CHR4:4848917	SSF x Near_LoA	-11,7429014	0,035	0,293
CHR4	4848960	CHR4:4848960	SSF x Near_LoA	-9,47327999	-0,015	0,310
CHR4	4848966	CHR4:4848966	SSF x Near_LoA	-10,4118624	0,068	0,311
CHR4	4849021	CHR4:4849021	SSF x Near_LoA	-10,2041076	-0,015	0,307
CHR4	4851668	CHR4:4851668	SSF x Near_LoA	-7,14351375	0,077	0,311
CHR4	4851729	CHR4:4851729	SSF x Near_LoA	-9,09697087	0,058	0,313
CHR4	4852583	CHR4:4852583	SSF x Near_LoA	-9,76882728	0,061	0,299
CHR4	4852637	CHR4:4852637	SSF x Near_LoA	-10,7438791	-0,063	0,310
CHR4	485397	CHR4:485397	SSF x Near_LoA	-7,70237923	0,026	0,303
CHR4	485442	CHR4:485442	SSF x Near_LoA	-10,2668173	-0,058	0,307
CHR4	4855290	CHR4:4855290	SSF x Near_LoA	-11,0530752	0,015	0,305
CHR4	4859981	CHR4:4859981	SSF x Near_LoA	-8,43013576	0,064	0,308
CHR4	4862174	CHR4:4862174	SSF x Near_LoA	-9,80649687	-0,007	0,314
CHR4	4862241	CHR4:4862241	SSF x Near_LoA	-10,141512	0,013	0,310
CHR4	4866360	CHR4:4866360	SSF x Near_LoA	-10,4946271	-0,015	0,327
CHR4	4866386	CHR4:4866386	SSF x Near_LoA	-6,96478508	0,116	0,299
CHR4	4866417	CHR4:4866417	SSF x Near_LoA	-6,93652661	-0,178	0,293
CHR4	4866418	CHR4:4866418	SSF x Near_LoA	-8,20555886	0,085	0,302
CHR4	4869378	CHR4:4869378	SSF x Near_LoA	-8,73398496	-0,047	0,322
CHR4	4883073	CHR4:4883073	SSF x Near_LoA	-11,8615081	0,090	0,289
CHR4	4883078	CHR4:4883078	SSF x Near_LoA	-1,92527792	-0,143	0,314
CHR4	4885836	CHR4:4885836	SSF x Near_LoA	-10,7050269	-0,040	0,313
CHR4	4890504	CHR4:4890504	SSF x Near_LoA	-10,1966112	-0,004	0,289
CHR4	4890557	CHR4:4890557	SSF x Near_LoA	-8,80877439	0,105	0,305
CHR4	4906203	CHR4:4906203	SSF x Near_LoA	-10,3199508	0,070	0,316
CHR4	4906224	CHR4:4906224	SSF x Near_LoA	-10,6668121	0,003	0,299
CHR4	4906225	CHR4:4906225	SSF x Near_LoA	-10,5369727	-0,019	0,296
CHR4	4916368	CHR4:4916368	SSF x Near_LoA	-10,77931	-0,040	0,284
CHR4	4919372	CHR4:4919372	SSF x Near_LoA	-10,3840661	-0,065	0,305
CHR4	4919431	CHR4:4919431	SSF x Near_LoA	-9,14428197	-0,021	0,310
CHR4	4922619	CHR4:4922619	SSF x Near_LoA	-4,45576377	0,137	0,296
CHR4	4922643	CHR4:4922643	SSF x Near_LoA	-8,11862535	0,095	0,312
CHR4	4922804	CHR4:4922804	SSF x Near_LoA	-5,38126207	0,098	0,298
CHR4	4927950	CHR4:4927950	SSF x Near_LoA	-8,03946285	-0,018	0,315
CHR4	4928032	CHR4:4928032	SSF x Near_LoA	-10,631915	0,035	0,312
CHR4	4928064	CHR4:4928064	SSF x Near_LoA	-6,71573028	0,034	0,317
CHR4	4928116	CHR4:4928116	SSF x Near_LoA	-7,80167343	-0,068	0,318
CHR4	4928160	CHR4:4928160	SSF x Near_LoA	-9,84549924	0,115	0,305
CHR4	4929881	CHR4:4929881	SSF x Near_LoA	-8,98153272	-0,005	0,312
CHR4	4929922	CHR4:4929922	SSF x Near_LoA	-7,48247555	-0,039	0,317
CHR4	4939338	CHR4:4939338	SSF x Near_LoA	-10,1778197	-0,027	0,320
CHR4	4939471	CHR4:4939471	SSF x Near_LoA	-10,2651146	0,072	0,300
CHR4	4939476	CHR4:4939476	SSF x Near_LoA	-5,261321	0,073	0,311
CHR4	4955270	CHR4:4955270	SSF x Near_LoA	-9,3591561	-0,038	0,314

CHR4	4955351	CHR4:4955351	SSF x Near_LoA	-11,3737181	0,033	0,295
CHR4	4955366	CHR4:4955366	SSF x Near_LoA	-7,19057937	-0,067	0,320
CHR4	4955410	CHR4:4955410	SSF x Near_LoA	-9,30578908	0,090	0,309
CHR4	4956569	CHR4:4956569	SSF x Near_LoA	-7,17351255	-0,063	0,310
CHR4	4957266	CHR4:4957266	SSF x Near_LoA	-8,32561368	0,068	0,319
CHR4	4957296	CHR4:4957296	SSF x Near_LoA	-7,90057626	0,121	0,307
CHR4	4957321	CHR4:4957321	SSF x Near_LoA	-8,04785768	-0,123	0,301
CHR4	4957326	CHR4:4957326	SSF x Near_LoA	-6,23250204	-0,073	0,306
CHR4	4957356	CHR4:4957356	SSF x Near_LoA	-11,8896876	0,032	0,302
CHR4	4957504	CHR4:4957504	SSF x Near_LoA	-11,1548033	0,049	0,290
CHR4	4961052	CHR4:4961052	SSF x Near_LoA	-5,6532976	-0,001	0,309
CHR4	4961084	CHR4:4961084	SSF x Near_LoA	-8,57939796	0,022	0,311
CHR4	4961087	CHR4:4961087	SSF x Near_LoA	-2,74962374	-0,157	0,287
CHR4	4965099	CHR4:4965099	SSF x Near_LoA	-8,59367942	-0,049	0,310
CHR4	4973025	CHR4:4973025	SSF x Near_LoA	-3,24499894	0,134	0,298
CHR4	4973037	CHR4:4973037	SSF x Near_LoA	-9,0446179	-0,059	0,304
CHR4	4973052	CHR4:4973052	SSF x Near_LoA	-8,3742234	-0,081	0,315
CHR4	4973089	CHR4:4973089	SSF x Near_LoA	-9,22072622	-0,014	0,293
CHR4	4973224	CHR4:4973224	SSF x Near_LoA	-10,2630573	0,036	0,300
CHR4	4973281	CHR4:4973281	SSF x Near_LoA	-9,75493855	0,026	0,301
CHR4	4977251	CHR4:4977251	SSF x Near_LoA	-8,86865196	0,061	0,306
CHR4	4997732	CHR4:4997732	SSF x Near_LoA	-7,0875444	-0,062	0,309
CHR4	4997819	CHR4:4997819	SSF x Near_LoA	-8,49046472	-0,071	0,313
CHR4	4998958	CHR4:4998958	SSF x Near_LoA	-10,5943741	-0,087	0,307
CHR4	4999073	CHR4:4999073	SSF x Near_LoA	-9,81844858	-0,022	0,302
CHR4	5008578	CHR4:5008578	SSF x Near_LoA	-7,11381666	-0,012	0,328
CHR4	5009991	CHR4:5009991	SSF x Near_LoA	-10,5596891	-0,010	0,297
CHR4	5010072	CHR4:5010072	SSF x Near_LoA	-12,2566572	0,037	0,298
CHR4	5010127	CHR4:5010127	SSF x Near_LoA	-11,3132672	0,018	0,307
CHR4	5010135	CHR4:5010135	SSF x Near_LoA	-7,59890205	-0,118	0,309
CHR4	5013334	CHR4:5013334	SSF x Near_LoA	-10,2977236	-0,018	0,302
CHR4	5013345	CHR4:5013345	SSF x Near_LoA	-11,5280479	-0,012	0,299
CHR4	5013362	CHR4:5013362	SSF x Near_LoA	-11,3778938	-0,016	0,300
CHR4	5013453	CHR4:5013453	SSF x Near_LoA	-6,59705578	-0,126	0,301
CHR4	5013487	CHR4:5013487	SSF x Near_LoA	-2,83467954	-0,089	0,308
CHR4	5013528	CHR4:5013528	SSF x Near_LoA	-10,7607464	0,070	0,300
CHR4	5013569	CHR4:5013569	SSF x Near_LoA	-8,85136831	-0,006	0,310
CHR4	5013599	CHR4:5013599	SSF x Near_LoA	-10,0176797	-0,007	0,317
CHR4	501869	CHR4:501869	SSF x Near_LoA	-9,98153423	0,023	0,319
CHR4	501959	CHR4:501959	SSF x Near_LoA	-10,4218266	0,016	0,311
CHR4	5024411	CHR4:5024411	SSF x Near_LoA	-11,604827	-0,017	0,317
CHR4	5024426	CHR4:5024426	SSF x Near_LoA	-8,66459043	-0,132	0,313
CHR4	5024472	CHR4:5024472	SSF x Near_LoA	-9,59494995	-0,038	0,315
CHR4	5026183	CHR4:5026183	SSF x Near_LoA	-9,92096803	0,035	0,303
CHR4	5026306	CHR4:5026306	SSF x Near_LoA	-11,1274588	0,023	0,310
CHR4	5026325	CHR4:5026325	SSF x Near_LoA	-1,92358309	0,179	0,298
CHR4	5027970	CHR4:5027970	SSF x Near_LoA	-11,0027878	-0,070	0,316
CHR4	5027998	CHR4:5027998	SSF x Near_LoA	-10,2459625	-0,041	0,318
CHR4	5028004	CHR4:5028004	SSF x Near_LoA	-9,50610567	-0,028	0,323
CHR4	5030595	CHR4:5030595	SSF x Near_LoA	-5,76433933	0,008	0,308
CHR4	5030605	CHR4:5030605	SSF x Near_LoA	-7,70416929	-0,193	0,289
CHR4	5030683	CHR4:5030683	SSF x Near_LoA	-7,92158271	-0,057	0,308
CHR4	5030843	CHR4:5030843	SSF x Near_LoA	-8,99520716	0,068	0,302

CHR4	5030872	CHR4:5030872	SSF x Near_LoA	-10,3130776	-0,021	0,315
CHR4	5036448	CHR4:5036448	SSF x Near_LoA	-8,98343698	0,114	0,298
CHR4	5036472	CHR4:5036472	SSF x Near_LoA	-4,19262062	0,119	0,312
CHR4	5036510	CHR4:5036510	SSF x Near_LoA	-8,88316667	0,115	0,312
CHR4	5050350	CHR4:5050350	SSF x Near_LoA	-6,87592989	0,086	0,316
CHR4	5050466	CHR4:5050466	SSF x Near_LoA	-7,00443268	-0,011	0,317
CHR4	5055078	CHR4:5055078	SSF x Near_LoA	-5,09537176	-0,170	0,286
CHR4	5055085	CHR4:5055085	SSF x Near_LoA	-9,36537453	0,022	0,306
CHR4	5055123	CHR4:5055123	SSF x Near_LoA	-11,1993597	-0,053	0,316
CHR4	5066200	CHR4:5066200	SSF x Near_LoA	-5,87418562	-0,052	0,328
CHR4	5066245	CHR4:5066245	SSF x Near_LoA	-3,54145689	0,178	0,296
CHR4	5066307	CHR4:5066307	SSF x Near_LoA	-8,22153638	0,037	0,311
CHR4	5075300	CHR4:5075300	SSF x Near_LoA	-10,2791246	0,023	0,311
CHR4	5086346	CHR4:5086346	SSF x Near_LoA	-11,0775365	-0,039	0,303
CHR4	5086497	CHR4:5086497	SSF x Near_LoA	-7,80219113	0,056	0,305
CHR4	5093203	CHR4:5093203	SSF x Near_LoA	-11,6547317	-0,034	0,300
CHR4	5116018	CHR4:5116018	SSF x Near_LoA	-7,54941551	0,120	0,297
CHR4	5116060	CHR4:5116060	SSF x Near_LoA	-8,19996123	-0,035	0,311
CHR4	5120488	CHR4:5120488	SSF x Near_LoA	-9,97720294	0,002	0,308
CHR4	513566	CHR4:513566	SSF x Near_LoA	-8,41622428	0,016	0,308
CHR4	5139489	CHR4:5139489	SSF x Near_LoA	-12,0443514	0,063	0,302
CHR4	5139571	CHR4:5139571	SSF x Near_LoA	-8,47923402	-0,083	0,313
CHR4	5139575	CHR4:5139575	SSF x Near_LoA	-7,67629453	-0,091	0,319
CHR4	5139589	CHR4:5139589	SSF x Near_LoA	-8,85069233	0,034	0,310
CHR4	5139625	CHR4:5139625	SSF x Near_LoA	-10,7024345	0,017	0,310
CHR4	5139658	CHR4:5139658	SSF x Near_LoA	-11,990447	-0,037	0,306
CHR4	5139661	CHR4:5139661	SSF x Near_LoA	-8,35747739	0,038	0,298
CHR4	5139676	CHR4:5139676	SSF x Near_LoA	-8,29815668	-0,138	0,292
CHR4	5139765	CHR4:5139765	SSF x Near_LoA	-9,00886761	0,067	0,307
CHR4	5139766	CHR4:5139766	SSF x Near_LoA	-8,85425415	0,051	0,303
CHR4	5139774	CHR4:5139774	SSF x Near_LoA	-8,63421698	0,014	0,315
CHR4	5145991	CHR4:5145991	SSF x Near_LoA	-6,08339429	0,055	0,317
CHR4	5146049	CHR4:5146049	SSF x Near_LoA	-9,25343462	-0,031	0,319
CHR4	5146111	CHR4:5146111	SSF x Near_LoA	-5,274386	0,122	0,320
CHR4	5146127	CHR4:5146127	SSF x Near_LoA	-7,83913128	0,095	0,309
CHR4	5153013	CHR4:5153013	SSF x Near_LoA	-9,18366053	-0,026	0,298
CHR4	5153017	CHR4:5153017	SSF x Near_LoA	-7,95058638	-0,066	0,320
CHR4	5153889	CHR4:5153889	SSF x Near_LoA	-5,25190301	0,005	0,302
CHR4	5153930	CHR4:5153930	SSF x Near_LoA	-7,7608546	0,050	0,306
CHR4	5155130	CHR4:5155130	SSF x Near_LoA	-9,44957829	0,072	0,315
CHR4	5155165	CHR4:5155165	SSF x Near_LoA	-10,5076224	0,041	0,309
CHR4	5155166	CHR4:5155166	SSF x Near_LoA	-11,9957285	0,007	0,303
CHR4	5155512	CHR4:5155512	SSF x Near_LoA	-11,2954509	0,005	0,306
CHR4	5155525	CHR4:5155525	SSF x Near_LoA	-9,06028696	0,074	0,303
CHR4	5155547	CHR4:5155547	SSF x Near_LoA	-8,15926074	-0,048	0,323
CHR4	5155564	CHR4:5155564	SSF x Near_LoA	-7,44232178	-0,100	0,312
CHR4	5155565	CHR4:5155565	SSF x Near_LoA	-10,0314821	0,129	0,297
CHR4	5155601	CHR4:5155601	SSF x Near_LoA	-9,59810641	-0,027	0,309
CHR4	5159494	CHR4:5159494	SSF x Near_LoA	-10,2054659	0,111	0,311
CHR4	5159556	CHR4:5159556	SSF x Near_LoA	-7,59544498	0,172	0,294
CHR4	5161124	CHR4:5161124	SSF x Near_LoA	-8,24948402	0,085	0,307
CHR4	5161138	CHR4:5161138	SSF x Near_LoA	-6,87836846	-0,150	0,297
CHR4	5165441	CHR4:5165441	SSF x Near_LoA	-12,4554869	-0,003	0,313

CHR4	5166651	CHR4:5166651	SSF x Near_LoA	-8,39373675	-0,118	0,300
CHR4	5176527	CHR4:5176527	SSF x Near_LoA	-8,89787	0,089	0,322
CHR4	5176795	CHR4:5176795	SSF x Near_LoA	-7,53544958	0,113	0,314
CHR4	5176812	CHR4:5176812	SSF x Near_LoA	-10,1615491	0,027	0,296
CHR4	5180643	CHR4:5180643	SSF x Near_LoA	-10,1416762	0,056	0,301
CHR4	5180663	CHR4:5180663	SSF x Near_LoA	-7,81895235	0,056	0,305
CHR4	5183751	CHR4:5183751	SSF x Near_LoA	-10,5483639	0,015	0,308
CHR4	5184056	CHR4:5184056	SSF x Near_LoA	-11,5550202	-0,013	0,309
CHR4	5184065	CHR4:5184065	SSF x Near_LoA	-9,19529881	0,039	0,301
CHR4	5185715	CHR4:5185715	SSF x Near_LoA	-9,73465116	0,092	0,296
CHR4	5185914	CHR4:5185914	SSF x Near_LoA	-9,6367345	0,069	0,302
CHR4	5185927	CHR4:5185927	SSF x Near_LoA	-8,4253883	-0,032	0,295
CHR4	5188280	CHR4:5188280	SSF x Near_LoA	-9,74438248	0,005	0,305
CHR4	5189941	CHR4:5189941	SSF x Near_LoA	-9,86718641	-0,072	0,315
CHR4	5189992	CHR4:5189992	SSF x Near_LoA	-10,106041	-0,138	0,307
CHR4	5189993	CHR4:5189993	SSF x Near_LoA	-7,57978544	-0,149	0,316
CHR4	5193054	CHR4:5193054	SSF x Near_LoA	-10,6410234	0,046	0,312
CHR4	5193138	CHR4:5193138	SSF x Near_LoA	-9,35247251	-0,053	0,296
CHR4	5193231	CHR4:5193231	SSF x Near_LoA	-11,3818615	-0,042	0,311
CHR4	5193257	CHR4:5193257	SSF x Near_LoA	-9,76242009	-0,096	0,303
CHR4	5193302	CHR4:5193302	SSF x Near_LoA	-4,06883375	-0,009	0,312
CHR4	5197831	CHR4:5197831	SSF x Near_LoA	-11,6055769	-0,015	0,300
CHR4	5207458	CHR4:5207458	SSF x Near_LoA	-9,46556561	-0,102	0,313
CHR4	5207469	CHR4:5207469	SSF x Near_LoA	-5,61695487	-0,007	0,307
CHR4	5210216	CHR4:5210216	SSF x Near_LoA	-10,8678964	-0,122	0,312
CHR4	5216703	CHR4:5216703	SSF x Near_LoA	-6,27964974	0,073	0,314
CHR4	5216709	CHR4:5216709	SSF x Near_LoA	-8,27935689	0,139	0,305
CHR4	5220046	CHR4:5220046	SSF x Near_LoA	-8,19088478	0,059	0,295
CHR4	5221729	CHR4:5221729	SSF x Near_LoA	-10,2712041	0,037	0,301
CHR4	5221734	CHR4:5221734	SSF x Near_LoA	-5,63715646	0,155	0,310
CHR4	5221760	CHR4:5221760	SSF x Near_LoA	-8,22202096	0,163	0,305
CHR4	5221841	CHR4:5221841	SSF x Near_LoA	-10,1350086	-0,019	0,305
CHR4	5221852	CHR4:5221852	SSF x Near_LoA	-8,48726948	0,141	0,315
CHR4	5224920	CHR4:5224920	SSF x Near_LoA	-10,5831996	0,008	0,304
CHR4	5225035	CHR4:5225035	SSF x Near_LoA	-9,02231577	-0,027	0,311
CHR4	5229463	CHR4:5229463	SSF x Near_LoA	-7,63316462	0,119	0,308
CHR4	5229495	CHR4:5229495	SSF x Near_LoA	-9,20443271	0,134	0,297
CHR4	5229500	CHR4:5229500	SSF x Near_LoA	-11,0338091	0,022	0,301
CHR4	5229504	CHR4:5229504	SSF x Near_LoA	-10,4646341	-0,054	0,304
CHR4	5229569	CHR4:5229569	SSF x Near_LoA	-10,3015946	0,123	0,299
CHR4	5229663	CHR4:5229663	SSF x Near_LoA	-10,2355149	-0,074	0,307
CHR4	5232201	CHR4:5232201	SSF x Near_LoA	-10,1054222	0,030	0,305
CHR4	5232308	CHR4:5232308	SSF x Near_LoA	-6,97714496	-0,003	0,312
CHR4	5232366	CHR4:5232366	SSF x Near_LoA	-10,062257	0,020	0,324
CHR4	5232442	CHR4:5232442	SSF x Near_LoA	-9,26431219	-0,032	0,304
CHR4	5235244	CHR4:5235244	SSF x Near_LoA	-11,0483948	-0,041	0,316
CHR4	5235307	CHR4:5235307	SSF x Near_LoA	-9,64430884	0,014	0,287
CHR4	5235325	CHR4:5235325	SSF x Near_LoA	-11,1405356	0,082	0,306
CHR4	5244871	CHR4:5244871	SSF x Near_LoA	-9,7980172	0,028	0,317
CHR4	5244873	CHR4:5244873	SSF x Near_LoA	-8,79366178	-0,062	0,322
CHR4	5244874	CHR4:5244874	SSF x Near_LoA	-9,91678925	-0,055	0,312
CHR4	5247671	CHR4:5247671	SSF x Near_LoA	-9,4938179	-0,030	0,308
CHR4	5249300	CHR4:5249300	SSF x Near_LoA	-9,78399852	0,086	0,299

CHR4	5250887	CHR4:5250887	SSF x Near_LoA	-10,6006736	0,076	0,302
CHR4	5250928	CHR4:5250928	SSF x Near_LoA	-10,1150909	-0,083	0,303
CHR4	5253946	CHR4:5253946	SSF x Near_LoA	-10,9832384	-0,006	0,297
CHR4	5254037	CHR4:5254037	SSF x Near_LoA	-9,37818953	-0,043	0,309
CHR4	5272511	CHR4:5272511	SSF x Near_LoA	-11,5029124	-0,080	0,308
CHR4	5272533	CHR4:5272533	SSF x Near_LoA	-8,19750871	-0,041	0,316
CHR4	5272583	CHR4:5272583	SSF x Near_LoA	-10,8527216	0,005	0,315
CHR4	5287999	CHR4:5287999	SSF x Near_LoA	-10,8810553	0,013	0,301
CHR4	5288764	CHR4:5288764	SSF x Near_LoA	-10,4663216	-0,016	0,314
CHR4	5292621	CHR4:5292621	SSF x Near_LoA	-10,0309085	-0,063	0,312
CHR4	5292631	CHR4:5292631	SSF x Near_LoA	-8,9947955	-0,092	0,302
CHR4	5300779	CHR4:5300779	SSF x Near_LoA	-11,3453847	-0,079	0,312
CHR4	5300904	CHR4:5300904	SSF x Near_LoA	-7,42305585	0,053	0,323
CHR4	5300916	CHR4:5300916	SSF x Near_LoA	-8,31439475	0,161	0,287
CHR4	5300928	CHR4:5300928	SSF x Near_LoA	-11,3533577	0,068	0,310
CHR4	5300948	CHR4:5300948	SSF x Near_LoA	-7,96685282	0,030	0,298
CHR4	5300951	CHR4:5300951	SSF x Near_LoA	-7,16308465	-0,076	0,302
CHR4	5300976	CHR4:5300976	SSF x Near_LoA	-7,66727772	-0,146	0,291
CHR4	5302235	CHR4:5302235	SSF x Near_LoA	-8,21727384	0,058	0,312
CHR4	5302238	CHR4:5302238	SSF x Near_LoA	-8,83914356	0,031	0,318
CHR4	5306273	CHR4:5306273	SSF x Near_LoA	-8,28666537	-0,102	0,295
CHR4	5306419	CHR4:5306419	SSF x Near_LoA	-10,3405447	-0,066	0,301
CHR4	5306619	CHR4:5306619	SSF x Near_LoA	-5,10771751	-0,095	0,301
CHR4	5306630	CHR4:5306630	SSF x Near_LoA	-12,4003667	-0,049	0,305
CHR4	5314911	CHR4:5314911	SSF x Near_LoA	-10,1837968	-0,120	0,292
CHR4	5337956	CHR4:5337956	SSF x Near_LoA	-8,63849543	-0,076	0,310
CHR4	5338070	CHR4:5338070	SSF x Near_LoA	-4,83983935	0,037	0,301
CHR4	5338086	CHR4:5338086	SSF x Near_LoA	-7,54394584	-0,165	0,301
CHR4	5338132	CHR4:5338132	SSF x Near_LoA	-10,4762783	-0,067	0,306
CHR4	5338157	CHR4:5338157	SSF x Near_LoA	-9,75504895	-0,017	0,317
CHR4	5338181	CHR4:5338181	SSF x Near_LoA	-10,2110893	-0,025	0,308
CHR4	5338219	CHR4:5338219	SSF x Near_LoA	-12,0686798	0,060	0,308
CHR4	5344833	CHR4:5344833	SSF x Near_LoA	-9,86231992	0,058	0,311
CHR4	5344840	CHR4:5344840	SSF x Near_LoA	-5,05706873	0,148	0,296
CHR4	5344841	CHR4:5344841	SSF x Near_LoA	-2,69847001	0,187	0,291
CHR4	5344921	CHR4:5344921	SSF x Near_LoA	-8,43335317	0,092	0,308
CHR4	5344922	CHR4:5344922	SSF x Near_LoA	-10,3242084	-0,013	0,299
CHR4	5354043	CHR4:5354043	SSF x Near_LoA	-10,5233755	-0,025	0,294
CHR4	5354083	CHR4:5354083	SSF x Near_LoA	-9,69578094	-0,054	0,310
CHR4	5354147	CHR4:5354147	SSF x Near_LoA	-10,2457296	-0,084	0,308
CHR4	5362832	CHR4:5362832	SSF x Near_LoA	-10,6203388	0,004	0,311
CHR4	5362883	CHR4:5362883	SSF x Near_LoA	-8,32111351	-0,068	0,312
CHR4	5362911	CHR4:5362911	SSF x Near_LoA	-8,369802	0,008	0,310
CHR4	5367594	CHR4:5367594	SSF x Near_LoA	-9,39792583	-0,091	0,308
CHR4	5367804	CHR4:5367804	SSF x Near_LoA	-9,72488739	-0,001	0,321
CHR4	5372249	CHR4:5372249	SSF x Near_LoA	-12,244908	0,009	0,298
CHR4	5378862	CHR4:5378862	SSF x Near_LoA	-6,71392339	-0,104	0,297
CHR4	5378909	CHR4:5378909	SSF x Near_LoA	-9,82338324	-0,003	0,314
CHR4	5378949	CHR4:5378949	SSF x Near_LoA	-9,0748832	0,093	0,309
CHR4	5378954	CHR4:5378954	SSF x Near_LoA	-9,22261253	-0,012	0,299
CHR4	537922	CHR4:537922	SSF x Near_LoA	-5,86327971	0,074	0,307
CHR4	537931	CHR4:537931	SSF x Near_LoA	-6,23960926	-0,158	0,308
CHR4	53819	CHR4:53819	SSF x Near_LoA	-9,98290941	-0,065	0,298

CHR4	5386171	CHR4:5386171	SSF x Near_LoA	-9,56734183	0,068	0,305
CHR4	5391204	CHR4:5391204	SSF x Near_LoA	-9,16459045	0,025	0,303
CHR4	5395389	CHR4:5395389	SSF x Near_LoA	-9,84638153	0,071	0,302
CHR4	5406337	CHR4:5406337	SSF x Near_LoA	-7,82455013	-0,001	0,306
CHR4	5406392	CHR4:5406392	SSF x Near_LoA	-8,71040089	0,079	0,308
CHR4	5406442	CHR4:5406442	SSF x Near_LoA	-9,29158833	0,109	0,300
CHR4	5406493	CHR4:5406493	SSF x Near_LoA	-7,83442888	-0,083	0,310
CHR4	5406533	CHR4:5406533	SSF x Near_LoA	-9,67438288	0,001	0,309
CHR4	5412259	CHR4:5412259	SSF x Near_LoA	-8,58569035	-0,056	0,309
CHR4	5412566	CHR4:5412566	SSF x Near_LoA	-11,37483	-0,059	0,307
CHR4	5422369	CHR4:5422369	SSF x Near_LoA	-11,1862104	-0,005	0,301
CHR4	5422565	CHR4:5422565	SSF x Near_LoA	-7,94946819	-0,079	0,292
CHR4	5427344	CHR4:5427344	SSF x Near_LoA	-11,2466462	-0,047	0,311
CHR4	5427820	CHR4:5427820	SSF x Near_LoA	-10,3694591	-0,033	0,306
CHR4	5439157	CHR4:5439157	SSF x Near_LoA	-6,18716753	-0,024	0,322
CHR4	5466058	CHR4:5466058	SSF x Near_LoA	-11,1279612	0,099	0,302
CHR4	5466207	CHR4:5466207	SSF x Near_LoA	-8,56441971	-0,079	0,296
CHR4	5466247	CHR4:5466247	SSF x Near_LoA	-10,7859105	0,034	0,309
CHR4	5466293	CHR4:5466293	SSF x Near_LoA	-8,93437047	0,008	0,317
CHR4	5496464	CHR4:5496464	SSF x Near_LoA	-8,82359047	0,046	0,290
CHR4	5496528	CHR4:5496528	SSF x Near_LoA	-10,2278176	0,088	0,300
CHR4	5502253	CHR4:5502253	SSF x Near_LoA	-10,0743532	-0,008	0,293
CHR4	5512921	CHR4:5512921	SSF x Near_LoA	-11,3115487	-0,011	0,306
CHR4	5513095	CHR4:5513095	SSF x Near_LoA	-9,13804456	-0,012	0,299
CHR4	5517463	CHR4:5517463	SSF x Near_LoA	-12,1666697	0,041	0,295
CHR4	5518153	CHR4:5518153	SSF x Near_LoA	-9,99100411	-0,082	0,298
CHR4	5518157	CHR4:5518157	SSF x Near_LoA	-10,9016308	-0,117	0,311
CHR4	5518159	CHR4:5518159	SSF x Near_LoA	-8,09740075	0,000	0,318
CHR4	5518200	CHR4:5518200	SSF x Near_LoA	-7,75032258	0,107	0,306
CHR4	5518266	CHR4:5518266	SSF x Near_LoA	-11,1655627	-0,026	0,293
CHR4	552062	CHR4:552062	SSF x Near_LoA	-7,77916996	-0,137	0,303
CHR4	552078	CHR4:552078	SSF x Near_LoA	-6,77565773	-0,114	0,289
CHR4	552283	CHR4:552283	SSF x Near_LoA	-8,98990727	0,063	0,307
CHR4	5525420	CHR4:5525420	SSF x Near_LoA	-10,7917639	0,013	0,317
CHR4	5528869	CHR4:5528869	SSF x Near_LoA	-6,97338861	-0,128	0,300
CHR4	5528979	CHR4:5528979	SSF x Near_LoA	-6,55177936	0,070	0,321
CHR4	5541502	CHR4:5541502	SSF x Near_LoA	-8,58432634	-0,039	0,297
CHR4	5541541	CHR4:5541541	SSF x Near_LoA	-10,0103881	0,005	0,299
CHR4	5541651	CHR4:5541651	SSF x Near_LoA	-10,6979643	0,021	0,302
CHR4	5541760	CHR4:5541760	SSF x Near_LoA	-10,3532816	0,054	0,305
CHR4	5553933	CHR4:5553933	SSF x Near_LoA	-8,19765938	-0,069	0,299
CHR4	5553971	CHR4:5553971	SSF x Near_LoA	-9,64142772	0,048	0,305
CHR4	5553990	CHR4:5553990	SSF x Near_LoA	-9,63920912	0,014	0,306
CHR4	5564720	CHR4:5564720	SSF x Near_LoA	-9,44461518	0,080	0,317
CHR4	5565195	CHR4:5565195	SSF x Near_LoA	-11,1329856	-0,177	0,297
CHR4	5565262	CHR4:5565262	SSF x Near_LoA	-10,0702632	0,109	0,296
CHR4	5565311	CHR4:5565311	SSF x Near_LoA	-10,1240396	-0,018	0,301
CHR4	5565337	CHR4:5565337	SSF x Near_LoA	-9,54590549	0,122	0,304
CHR4	5591024	CHR4:5591024	SSF x Near_LoA	-8,14045737	-0,046	0,297
CHR4	5591043	CHR4:5591043	SSF x Near_LoA	-7,66021437	-0,003	0,308
CHR4	5591046	CHR4:5591046	SSF x Near_LoA	-8,37082333	-0,064	0,291
CHR4	5591070	CHR4:5591070	SSF x Near_LoA	-8,23345251	-0,043	0,306
CHR4	5591178	CHR4:5591178	SSF x Near_LoA	-8,73135017	-0,011	0,305

CHR4	5591221	CHR4:5591221	SSF x Near_LoA	-8,81502157	-0,097	0,311
CHR4	5598351	CHR4:5598351	SSF x Near_LoA	-8,45489838	0,066	0,308
CHR4	5598406	CHR4:5598406	SSF x Near_LoA	-8,23921136	-0,058	0,329
CHR4	5598411	CHR4:5598411	SSF x Near_LoA	-9,02182544	0,029	0,308
CHR4	5598442	CHR4:5598442	SSF x Near_LoA	-8,83195351	-0,051	0,306
CHR4	5598444	CHR4:5598444	SSF x Near_LoA	-10,0248447	-0,002	0,310
CHR4	5603680	CHR4:5603680	SSF x Near_LoA	-9,26269908	0,086	0,303
CHR4	5603681	CHR4:5603681	SSF x Near_LoA	-9,25774633	0,068	0,306
CHR4	5606227	CHR4:5606227	SSF x Near_LoA	-10,5253399	0,035	0,314
CHR4	561876	CHR4:561876	SSF x Near_LoA	-8,22857719	-0,060	0,310
CHR4	5626645	CHR4:5626645	SSF x Near_LoA	-9,25984551	-0,032	0,309
CHR4	565567	CHR4:565567	SSF x Near_LoA	-11,3492466	-0,012	0,323
CHR4	5660738	CHR4:5660738	SSF x Near_LoA	-8,77255498	0,017	0,301
CHR4	5660789	CHR4:5660789	SSF x Near_LoA	-9,50427084	-0,071	0,298
CHR4	5660839	CHR4:5660839	SSF x Near_LoA	-10,7405697	0,040	0,299
CHR4	5665442	CHR4:5665442	SSF x Near_LoA	-10,2949412	-0,138	0,307
CHR4	5670100	CHR4:5670100	SSF x Near_LoA	-9,61057882	-0,102	0,310
CHR4	5670112	CHR4:5670112	SSF x Near_LoA	-11,0099504	-0,115	0,297
CHR4	5679269	CHR4:5679269	SSF x Near_LoA	-8,39097602	-0,025	0,308
CHR4	5679349	CHR4:5679349	SSF x Near_LoA	-9,04918312	0,019	0,318
CHR4	5679356	CHR4:5679356	SSF x Near_LoA	-8,20698631	0,065	0,292
CHR4	5679358	CHR4:5679358	SSF x Near_LoA	-8,72702358	-0,099	0,308
CHR4	5680679	CHR4:5680679	SSF x Near_LoA	-6,23131076	0,141	0,288
CHR4	5684611	CHR4:5684611	SSF x Near_LoA	-8,33036008	0,001	0,309
CHR4	5684738	CHR4:5684738	SSF x Near_LoA	-4,63298845	0,099	0,301
CHR4	5684857	CHR4:5684857	SSF x Near_LoA	-9,90889105	0,036	0,301
CHR4	5684867	CHR4:5684867	SSF x Near_LoA	-8,67086201	0,046	0,284
CHR4	5684891	CHR4:5684891	SSF x Near_LoA	-8,06764617	0,011	0,313
CHR4	5689589	CHR4:5689589	SSF x Near_LoA	-11,2866405	0,064	0,293
CHR4	5689667	CHR4:5689667	SSF x Near_LoA	-7,60094134	0,077	0,306
CHR4	5694735	CHR4:5694735	SSF x Near_LoA	-4,62790938	0,001	0,321
CHR4	5696272	CHR4:5696272	SSF x Near_LoA	-11,1251004	-0,039	0,292
CHR4	5696363	CHR4:5696363	SSF x Near_LoA	-9,83898367	-0,110	0,304
CHR4	5696379	CHR4:5696379	SSF x Near_LoA	-9,13303913	-0,010	0,308
CHR4	5704714	CHR4:5704714	SSF x Near_LoA	-8,33334735	0,147	0,292
CHR4	570702	CHR4:570702	SSF x Near_LoA	-10,0852567	-0,007	0,312
CHR4	5711857	CHR4:5711857	SSF x Near_LoA	-10,7388277	0,039	0,306
CHR4	5711892	CHR4:5711892	SSF x Near_LoA	-10,0931175	-0,051	0,314
CHR4	5717928	CHR4:5717928	SSF x Near_LoA	-4,31893891	0,153	0,298
CHR4	5721074	CHR4:5721074	SSF x Near_LoA	-5,57962741	-0,165	0,300
CHR4	5721142	CHR4:5721142	SSF x Near_LoA	-9,66655906	0,088	0,306
CHR4	5721153	CHR4:5721153	SSF x Near_LoA	-10,0890822	-0,007	0,318
CHR4	5721221	CHR4:5721221	SSF x Near_LoA	-8,87289915	0,079	0,317
CHR4	5721263	CHR4:5721263	SSF x Near_LoA	-9,72023057	-0,006	0,295
CHR4	5721278	CHR4:5721278	SSF x Near_LoA	-8,08012745	-0,106	0,298
CHR4	5721284	CHR4:5721284	SSF x Near_LoA	-5,46376325	-0,091	0,317
CHR4	5729750	CHR4:5729750	SSF x Near_LoA	-11,6142517	-0,047	0,312
CHR4	5729993	CHR4:5729993	SSF x Near_LoA	-6,73594916	-0,103	0,308
CHR4	5730044	CHR4:5730044	SSF x Near_LoA	-8,911142	-0,032	0,327
CHR4	5739819	CHR4:5739819	SSF x Near_LoA	-7,5058068	-0,093	0,302
CHR4	5739882	CHR4:5739882	SSF x Near_LoA	-8,04492877	0,059	0,323
CHR4	5743782	CHR4:5743782	SSF x Near_LoA	-6,67679922	-0,153	0,289
CHR4	5744914	CHR4:5744914	SSF x Near_LoA	-9,61605135	0,067	0,308

CHR4	5744931	CHR4:5744931	SSF x Near_LoA	-9,31308998	0,053	0,309
CHR4	5744934	CHR4:5744934	SSF x Near_LoA	-7,93799095	0,062	0,297
CHR4	5744937	CHR4:5744937	SSF x Near_LoA	-10,5613385	0,026	0,297
CHR4	5758387	CHR4:5758387	SSF x Near_LoA	-7,50220071	0,128	0,297
CHR4	5759127	CHR4:5759127	SSF x Near_LoA	-7,51118072	-0,140	0,296
CHR4	5759146	CHR4:5759146	SSF x Near_LoA	-5,63600624	-0,052	0,300
CHR4	5759276	CHR4:5759276	SSF x Near_LoA	-9,19172458	-0,053	0,315
CHR4	5762574	CHR4:5762574	SSF x Near_LoA	-7,90954324	-0,008	0,312
CHR4	5783265	CHR4:5783265	SSF x Near_LoA	-10,2302177	-0,021	0,285
CHR4	5796382	CHR4:5796382	SSF x Near_LoA	-7,8920254	0,074	0,311
CHR4	5796390	CHR4:5796390	SSF x Near_LoA	-9,83109441	0,006	0,316
CHR4	5796440	CHR4:5796440	SSF x Near_LoA	-9,05484975	-0,051	0,309
CHR4	5796513	CHR4:5796513	SSF x Near_LoA	-11,4272167	-0,064	0,297
CHR4	5796548	CHR4:5796548	SSF x Near_LoA	-7,79809662	0,045	0,314
CHR4	5808383	CHR4:5808383	SSF x Near_LoA	-10,1531362	0,018	0,292
CHR4	5808469	CHR4:5808469	SSF x Near_LoA	-8,13815432	-0,002	0,310
CHR4	5808470	CHR4:5808470	SSF x Near_LoA	-9,19594103	-0,044	0,300
CHR4	5821443	CHR4:5821443	SSF x Near_LoA	-7,15168053	-0,018	0,315
CHR4	5821477	CHR4:5821477	SSF x Near_LoA	-9,94041498	0,039	0,314
CHR4	5821530	CHR4:5821530	SSF x Near_LoA	-10,5981099	-0,089	0,301
CHR4	5821545	CHR4:5821545	SSF x Near_LoA	-11,6352253	-0,019	0,300
CHR4	5821549	CHR4:5821549	SSF x Near_LoA	-7,00234728	-0,017	0,317
CHR4	5821577	CHR4:5821577	SSF x Near_LoA	-7,526215	0,023	0,311
CHR4	5824124	CHR4:5824124	SSF x Near_LoA	-10,1621303	-0,037	0,294
CHR4	5825570	CHR4:5825570	SSF x Near_LoA	-10,0071255	0,028	0,294
CHR4	5825608	CHR4:5825608	SSF x Near_LoA	-10,8363499	-0,055	0,307
CHR4	5825613	CHR4:5825613	SSF x Near_LoA	-12,2323776	0,032	0,303
CHR4	5828579	CHR4:5828579	SSF x Near_LoA	-8,94233517	-0,121	0,308
CHR4	5833707	CHR4:5833707	SSF x Near_LoA	-9,31341084	-0,052	0,305
CHR4	5833716	CHR4:5833716	SSF x Near_LoA	-8,55766889	-0,043	0,315
CHR4	5833786	CHR4:5833786	SSF x Near_LoA	-7,40078691	0,091	0,306
CHR4	5833788	CHR4:5833788	SSF x Near_LoA	-8,5165992	-0,133	0,299
CHR4	5833827	CHR4:5833827	SSF x Near_LoA	-10,9909392	0,025	0,310
CHR4	5833828	CHR4:5833828	SSF x Near_LoA	-10,7597124	0,024	0,297
CHR4	5844922	CHR4:5844922	SSF x Near_LoA	-9,33475406	0,017	0,319
CHR4	5844932	CHR4:5844932	SSF x Near_LoA	-10,0071822	0,008	0,305
CHR4	5844937	CHR4:5844937	SSF x Near_LoA	-9,21571421	-0,056	0,313
CHR4	5844960	CHR4:5844960	SSF x Near_LoA	-8,72090665	-0,064	0,326
CHR4	5845018	CHR4:5845018	SSF x Near_LoA	-12,3690426	0,006	0,286
CHR4	5845177	CHR4:5845177	SSF x Near_LoA	9,27315609	0,162	0,304
CHR4	5848704	CHR4:5848704	SSF x Near_LoA	-10,8486475	-0,072	0,309
CHR4	5848705	CHR4:5848705	SSF x Near_LoA	-9,65880297	-0,074	0,305
CHR4	5848800	CHR4:5848800	SSF x Near_LoA	-10,1603387	-0,025	0,295
CHR4	5848832	CHR4:5848832	SSF x Near_LoA	-8,09840209	-0,112	0,313
CHR4	5881175	CHR4:5881175	SSF x Near_LoA	-9,45325923	0,000	0,292
CHR4	5882066	CHR4:5882066	SSF x Near_LoA	-11,0151582	0,114	0,305
CHR4	5882163	CHR4:5882163	SSF x Near_LoA	-8,94704446	0,014	0,305
CHR4	5882225	CHR4:5882225	SSF x Near_LoA	-8,48117414	-0,065	0,304
CHR4	5883348	CHR4:5883348	SSF x Near_LoA	-10,5581738	-0,059	0,307
CHR4	5883398	CHR4:5883398	SSF x Near_LoA	-9,95655618	0,076	0,287
CHR4	5887540	CHR4:5887540	SSF x Near_LoA	-11,1307765	0,012	0,304
CHR4	5902936	CHR4:5902936	SSF x Near_LoA	-11,4755821	-0,058	0,293
CHR4	5911028	CHR4:5911028	SSF x Near_LoA	-4,00163012	0,193	0,295

CHR4	5911048	CHR4:5911048	SSF x Near_LoA	-8,47216365	0,022	0,316
CHR4	5911052	CHR4:5911052	SSF x Near_LoA	-8,58415283	0,009	0,307
CHR4	5911079	CHR4:5911079	SSF x Near_LoA	-11,0978676	-0,017	0,293
CHR4	5911098	CHR4:5911098	SSF x Near_LoA	11,3265005	0,091	0,311
CHR4	5921831	CHR4:5921831	SSF x Near_LoA	-7,37140166	-0,146	0,304
CHR4	5921893	CHR4:5921893	SSF x Near_LoA	-11,1621395	0,041	0,303
CHR4	5922084	CHR4:5922084	SSF x Near_LoA	-8,45942351	0,045	0,305
CHR4	5925204	CHR4:5925204	SSF x Near_LoA	-8,87539653	0,125	0,307
CHR4	5925242	CHR4:5925242	SSF x Near_LoA	-7,90626083	0,091	0,306
CHR4	5925261	CHR4:5925261	SSF x Near_LoA	-10,0440279	-0,107	0,294
CHR4	5925268	CHR4:5925268	SSF x Near_LoA	-2,63019335	-0,116	0,307
CHR4	5936820	CHR4:5936820	SSF x Near_LoA	-8,96405129	-0,188	0,296
CHR4	5936823	CHR4:5936823	SSF x Near_LoA	-5,38147987	-0,193	0,303
CHR4	5936905	CHR4:5936905	SSF x Near_LoA	-6,47485712	0,143	0,299
CHR4	5936925	CHR4:5936925	SSF x Near_LoA	-9,80194837	-0,060	0,305
CHR4	5936926	CHR4:5936926	SSF x Near_LoA	-10,5406275	-0,052	0,301
CHR4	5937924	CHR4:5937924	SSF x Near_LoA	-10,0317936	0,049	0,301
CHR4	5937936	CHR4:5937936	SSF x Near_LoA	-9,03069173	-0,100	0,309
CHR4	5939642	CHR4:5939642	SSF x Near_LoA	-8,97542392	-0,127	0,310
CHR4	5939671	CHR4:5939671	SSF x Near_LoA	-10,3049501	-0,006	0,313
CHR4	5939680	CHR4:5939680	SSF x Near_LoA	-8,31077418	-0,031	0,320
CHR4	5939681	CHR4:5939681	SSF x Near_LoA	-8,89260718	0,008	0,314
CHR4	5939683	CHR4:5939683	SSF x Near_LoA	-8,47914888	-0,056	0,305
CHR4	5939696	CHR4:5939696	SSF x Near_LoA	-8,72650666	0,019	0,303
CHR4	5939866	CHR4:5939866	SSF x Near_LoA	-4,52884756	0,005	0,304
CHR4	5947310	CHR4:5947310	SSF x Near_LoA	-8,42056972	-0,001	0,307
CHR4	5947392	CHR4:5947392	SSF x Near_LoA	-8,82683665	-0,002	0,307
CHR4	5948784	CHR4:5948784	SSF x Near_LoA	-11,2917046	-0,036	0,309
CHR4	5948973	CHR4:5948973	SSF x Near_LoA	-9,5201311	-0,003	0,305
CHR4	5949006	CHR4:5949006	SSF x Near_LoA	-9,40310149	0,004	0,317
CHR4	5953783	CHR4:5953783	SSF x Near_LoA	-5,48571072	-0,007	0,307
CHR4	5958005	CHR4:5958005	SSF x Near_LoA	-9,56392306	0,029	0,289
CHR4	5958015	CHR4:5958015	SSF x Near_LoA	-10,0445574	-0,081	0,314
CHR4	5958064	CHR4:5958064	SSF x Near_LoA	-3,76915271	0,121	0,302
CHR4	5958092	CHR4:5958092	SSF x Near_LoA	-6,09156687	0,137	0,288
CHR4	5958094	CHR4:5958094	SSF x Near_LoA	-10,9684853	-0,046	0,316
CHR4	5964704	CHR4:5964704	SSF x Near_LoA	-9,67401898	0,005	0,305
CHR4	5964952	CHR4:5964952	SSF x Near_LoA	-9,18200865	-0,090	0,311
CHR4	5974083	CHR4:5974083	SSF x Near_LoA	-8,16034968	0,081	0,310
CHR4	5974178	CHR4:5974178	SSF x Near_LoA	-9,02041436	0,074	0,293
CHR4	597829	CHR4:597829	SSF x Near_LoA	-9,6563403	0,093	0,311
CHR4	597973	CHR4:597973	SSF x Near_LoA	-9,10848126	0,069	0,296
CHR4	598042	CHR4:598042	SSF x Near_LoA	-10,7951813	0,075	0,314
CHR4	5998350	CHR4:5998350	SSF x Near_LoA	-8,58973759	-0,021	0,300
CHR4	5998366	CHR4:5998366	SSF x Near_LoA	-6,36089338	-0,047	0,302
CHR4	5998368	CHR4:5998368	SSF x Near_LoA	-10,1205061	0,006	0,301
CHR4	5998404	CHR4:5998404	SSF x Near_LoA	-11,6800585	0,010	0,307
CHR4	5998480	CHR4:5998480	SSF x Near_LoA	-8,35459464	0,045	0,315
CHR4	6003182	CHR4:6003182	SSF x Near_LoA	-9,12236252	0,044	0,302
CHR4	6003380	CHR4:6003380	SSF x Near_LoA	-9,24460519	0,082	0,311
CHR4	6003424	CHR4:6003424	SSF x Near_LoA	-9,85532833	0,082	0,309
CHR4	6003427	CHR4:6003427	SSF x Near_LoA	-11,4809689	0,066	0,299
CHR4	6003441	CHR4:6003441	SSF x Near_LoA	-9,21969348	0,059	0,304

CHR4	6003455	CHR4:6003455	SSF x Near_LoA	-8,59574261	0,090	0,305
CHR4	6022243	CHR4:6022243	SSF x Near_LoA	-4,6491827	-0,108	0,312
CHR4	6022259	CHR4:6022259	SSF x Near_LoA	-7,89231734	0,126	0,305
CHR4	6022289	CHR4:6022289	SSF x Near_LoA	-8,93783264	-0,070	0,294
CHR4	6022335	CHR4:6022335	SSF x Near_LoA	-8,57426687	0,147	0,295
CHR4	6035071	CHR4:6035071	SSF x Near_LoA	-7,63821489	0,137	0,290
CHR4	6035181	CHR4:6035181	SSF x Near_LoA	-7,52436474	-0,078	0,312
CHR4	6035232	CHR4:6035232	SSF x Near_LoA	-9,506208	-0,066	0,305
CHR4	6035249	CHR4:6035249	SSF x Near_LoA	-10,123614	-0,007	0,300
CHR4	6035275	CHR4:6035275	SSF x Near_LoA	-9,70287912	-0,030	0,309
CHR4	6035282	CHR4:6035282	SSF x Near_LoA	-3,99651165	-0,009	0,304
CHR4	6035283	CHR4:6035283	SSF x Near_LoA	-8,05961983	0,038	0,293
CHR4	6052004	CHR4:6052004	SSF x Near_LoA	-9,48990029	0,051	0,300
CHR4	6077389	CHR4:6077389	SSF x Near_LoA	-9,60633736	-0,092	0,304
CHR4	6077415	CHR4:6077415	SSF x Near_LoA	-7,8893356	-0,030	0,317
CHR4	6077446	CHR4:6077446	SSF x Near_LoA	-9,16042664	0,010	0,301
CHR4	6077485	CHR4:6077485	SSF x Near_LoA	-8,15766576	0,048	0,308
CHR4	6078977	CHR4:6078977	SSF x Near_LoA	-8,54851413	-0,051	0,310
CHR4	6078990	CHR4:6078990	SSF x Near_LoA	-9,4651041	-0,073	0,315
CHR4	6079007	CHR4:6079007	SSF x Near_LoA	-9,3511211	-0,061	0,314
CHR4	6079013	CHR4:6079013	SSF x Near_LoA	-12,3155444	-0,001	0,303
CHR4	6090956	CHR4:6090956	SSF x Near_LoA	-10,483764	-0,063	0,301
CHR4	6091055	CHR4:6091055	SSF x Near_LoA	-9,87023854	0,000	0,304
CHR4	6095579	CHR4:6095579	SSF x Near_LoA	-8,95594068	-0,103	0,321
CHR4	6095593	CHR4:6095593	SSF x Near_LoA	-9,41476211	-0,144	0,303
CHR4	6095636	CHR4:6095636	SSF x Near_LoA	-10,1839733	0,083	0,305
CHR4	6095782	CHR4:6095782	SSF x Near_LoA	-8,39165021	0,110	0,304
CHR4	6095784	CHR4:6095784	SSF x Near_LoA	-10,5608097	-0,015	0,314
CHR4	6099458	CHR4:6099458	SSF x Near_LoA	-9,12873519	-0,054	0,305
CHR4	6099460	CHR4:6099460	SSF x Near_LoA	-8,17351132	-0,053	0,307
CHR4	6099467	CHR4:6099467	SSF x Near_LoA	-7,04016212	-0,076	0,306
CHR4	6101904	CHR4:6101904	SSF x Near_LoA	-9,98551186	0,003	0,302
CHR4	6105654	CHR4:6105654	SSF x Near_LoA	-10,1977228	-0,036	0,324
CHR4	6105685	CHR4:6105685	SSF x Near_LoA	-8,84915343	-0,050	0,318
CHR4	6105765	CHR4:6105765	SSF x Near_LoA	-9,76202758	0,024	0,312
CHR4	6105769	CHR4:6105769	SSF x Near_LoA	-9,61817706	-0,017	0,302
CHR4	6105818	CHR4:6105818	SSF x Near_LoA	-9,78086497	-0,061	0,305
CHR4	6105836	CHR4:6105836	SSF x Near_LoA	-8,07505493	0,009	0,299
CHR4	6105850	CHR4:6105850	SSF x Near_LoA	-9,36097355	0,007	0,314
CHR4	6105857	CHR4:6105857	SSF x Near_LoA	-7,93505825	-0,017	0,319
CHR4	6105888	CHR4:6105888	SSF x Near_LoA	-10,2920651	-0,039	0,321
CHR4	6115207	CHR4:6115207	SSF x Near_LoA	-11,0775428	0,017	0,296
CHR4	6115209	CHR4:6115209	SSF x Near_LoA	-11,333764	-0,039	0,289
CHR4	6115210	CHR4:6115210	SSF x Near_LoA	-8,25815362	0,005	0,314
CHR4	6133359	CHR4:6133359	SSF x Near_LoA	-10,0229835	0,145	0,298
CHR4	6133368	CHR4:6133368	SSF x Near_LoA	-9,91628335	0,023	0,298
CHR4	6133695	CHR4:6133695	SSF x Near_LoA	-11,6252101	-0,025	0,313
CHR4	6145586	CHR4:6145586	SSF x Near_LoA	-8,77377088	-0,034	0,305
CHR4	6145592	CHR4:6145592	SSF x Near_LoA	-6,95754513	-0,047	0,303
CHR4	6145599	CHR4:6145599	SSF x Near_LoA	-11,2057017	0,040	0,298
CHR4	6145605	CHR4:6145605	SSF x Near_LoA	-8,85711434	-0,022	0,304
CHR4	6145607	CHR4:6145607	SSF x Near_LoA	-9,60246983	-0,049	0,285
CHR4	6145608	CHR4:6145608	SSF x Near_LoA	-8,53620281	-0,032	0,295

CHR4	6145661	CHR4:6145661	SSF x Near_LoA	-7,4221678	-0,014	0,312
CHR4	6145666	CHR4:6145666	SSF x Near_LoA	-9,09098475	-0,006	0,310
CHR4	6145700	CHR4:6145700	SSF x Near_LoA	-11,2040836	0,029	0,312
CHR4	6145722	CHR4:6145722	SSF x Near_LoA	-10,804345	-0,081	0,306
CHR4	6173398	CHR4:6173398	SSF x Near_LoA	-8,6178945	0,083	0,313
CHR4	6173460	CHR4:6173460	SSF x Near_LoA	-7,90152481	-0,066	0,303
CHR4	6209158	CHR4:6209158	SSF x Near_LoA	-10,915604	-0,051	0,300
CHR4	6209172	CHR4:6209172	SSF x Near_LoA	-9,11993557	-0,083	0,314
CHR4	6209318	CHR4:6209318	SSF x Near_LoA	-11,515003	-0,065	0,309
CHR4	6209343	CHR4:6209343	SSF x Near_LoA	-9,06364215	0,028	0,309
CHR4	6215436	CHR4:6215436	SSF x Near_LoA	-5,2338461	-0,019	0,300
CHR4	6215479	CHR4:6215479	SSF x Near_LoA	-7,7978556	0,107	0,311
CHR4	6215573	CHR4:6215573	SSF x Near_LoA	-9,63462568	0,030	0,305
CHR4	6215616	CHR4:6215616	SSF x Near_LoA	-6,27549404	-0,092	0,298
CHR4	6215667	CHR4:6215667	SSF x Near_LoA	-9,95460471	0,012	0,318
CHR4	6215672	CHR4:6215672	SSF x Near_LoA	-6,38338559	0,038	0,299
CHR4	6217573	CHR4:6217573	SSF x Near_LoA	-11,0386228	-0,015	0,302
CHR4	6217656	CHR4:6217656	SSF x Near_LoA	-10,110857	-0,024	0,310
CHR4	6217702	CHR4:6217702	SSF x Near_LoA	-10,3878581	0,004	0,306
CHR4	6223364	CHR4:6223364	SSF x Near_LoA	-9,55951501	-0,041	0,306
CHR4	6223385	CHR4:6223385	SSF x Near_LoA	-9,40547551	-0,079	0,314
CHR4	6223401	CHR4:6223401	SSF x Near_LoA	-8,18890966	-0,079	0,308
CHR4	6223508	CHR4:6223508	SSF x Near_LoA	-11,5438937	-0,018	0,313
CHR4	6226818	CHR4:6226818	SSF x Near_LoA	-10,1536822	0,048	0,309
CHR4	6235342	CHR4:6235342	SSF x Near_LoA	-9,344381	-0,061	0,309
CHR4	6238398	CHR4:6238398	SSF x Near_LoA	-8,05989923	0,098	0,312
CHR4	6238506	CHR4:6238506	SSF x Near_LoA	-6,66150246	0,021	0,306
CHR4	6238527	CHR4:6238527	SSF x Near_LoA	-7,11504177	-0,069	0,313
CHR4	6242704	CHR4:6242704	SSF x Near_LoA	-6,71887227	0,192	0,292
CHR4	6242756	CHR4:6242756	SSF x Near_LoA	-8,67539546	-0,067	0,304
CHR4	6242757	CHR4:6242757	SSF x Near_LoA	0,33862304	0,178	0,300
CHR4	6242780	CHR4:6242780	SSF x Near_LoA	-6,24020216	0,195	0,297
CHR4	6243805	CHR4:6243805	SSF x Near_LoA	-8,29400765	0,104	0,307
CHR4	6243902	CHR4:6243902	SSF x Near_LoA	-7,81843083	-0,074	0,310
CHR4	6243912	CHR4:6243912	SSF x Near_LoA	-10,0225488	0,026	0,303
CHR4	6249062	CHR4:6249062	SSF x Near_LoA	-6,40886301	-0,155	0,299
CHR4	6252316	CHR4:6252316	SSF x Near_LoA	-9,86351612	0,075	0,299
CHR4	6252447	CHR4:6252447	SSF x Near_LoA	-10,261762	0,067	0,305
CHR4	6252492	CHR4:6252492	SSF x Near_LoA	-8,44144997	-0,112	0,309
CHR4	6252535	CHR4:6252535	SSF x Near_LoA	-7,78836168	-0,038	0,305
CHR4	6252563	CHR4:6252563	SSF x Near_LoA	-8,15127775	0,073	0,307
CHR4	6255773	CHR4:6255773	SSF x Near_LoA	-6,97203115	-0,132	0,301
CHR4	6255792	CHR4:6255792	SSF x Near_LoA	-10,6912741	0,030	0,318
CHR4	6265035	CHR4:6265035	SSF x Near_LoA	-7,5586201	0,133	0,310
CHR4	6265110	CHR4:6265110	SSF x Near_LoA	-9,64969882	-0,008	0,309
CHR4	6265293	CHR4:6265293	SSF x Near_LoA	-10,0162765	0,037	0,291
CHR4	6279737	CHR4:6279737	SSF x Near_LoA	-9,26828383	0,060	0,299
CHR4	6279748	CHR4:6279748	SSF x Near_LoA	-9,92536076	-0,096	0,327
CHR4	6279772	CHR4:6279772	SSF x Near_LoA	-5,89554889	-0,122	0,318
CHR4	6279837	CHR4:6279837	SSF x Near_LoA	-7,46614392	0,046	0,315
CHR4	6281471	CHR4:6281471	SSF x Near_LoA	-10,3822666	-0,127	0,312
CHR4	6281718	CHR4:6281718	SSF x Near_LoA	-10,7643269	-0,076	0,302
CHR4	6285560	CHR4:6285560	SSF x Near_LoA	-9,49315274	0,033	0,318

CHR4	6285627	CHR4:6285627	SSF x Near_LoA	-11,069753	-0,051	0,306
CHR4	6286702	CHR4:6286702	SSF x Near_LoA	-9,25108753	-0,041	0,306
CHR4	6286724	CHR4:6286724	SSF x Near_LoA	-4,89949493	0,065	0,304
CHR4	6289166	CHR4:6289166	SSF x Near_LoA	-11,2819058	-0,062	0,299
CHR4	6294466	CHR4:6294466	SSF x Near_LoA	-9,27161306	-0,022	0,319
CHR4	6294472	CHR4:6294472	SSF x Near_LoA	-10,9593824	0,015	0,315
CHR4	6294492	CHR4:6294492	SSF x Near_LoA	-8,98437566	0,045	0,305
CHR4	6301155	CHR4:6301155	SSF x Near_LoA	-6,94424689	-0,179	0,288
CHR4	6301159	CHR4:6301159	SSF x Near_LoA	-4,91439686	0,152	0,306
CHR4	6302542	CHR4:6302542	SSF x Near_LoA	-7,61511083	-0,063	0,317
CHR4	6302568	CHR4:6302568	SSF x Near_LoA	-9,51774933	-0,060	0,303
CHR4	6302784	CHR4:6302784	SSF x Near_LoA	-9,30385968	0,101	0,299
CHR4	6311943	CHR4:6311943	SSF x Near_LoA	-6,47474164	0,092	0,295
CHR4	6314884	CHR4:6314884	SSF x Near_LoA	-9,43728904	0,082	0,306
CHR4	6314978	CHR4:6314978	SSF x Near_LoA	-9,35598972	-0,059	0,290
CHR4	6315082	CHR4:6315082	SSF x Near_LoA	-8,57012957	0,075	0,310
CHR4	6315100	CHR4:6315100	SSF x Near_LoA	-8,59302174	0,083	0,312
CHR4	6336866	CHR4:6336866	SSF x Near_LoA	-10,4930907	0,016	0,304
CHR4	6336927	CHR4:6336927	SSF x Near_LoA	-8,63741008	-0,088	0,308
CHR4	6336983	CHR4:6336983	SSF x Near_LoA	-11,3190414	-0,020	0,303
CHR4	6336999	CHR4:6336999	SSF x Near_LoA	-7,97572574	-0,033	0,315
CHR4	6338834	CHR4:6338834	SSF x Near_LoA	-6,7064164	-0,083	0,309
CHR4	6345289	CHR4:6345289	SSF x Near_LoA	-10,4218429	0,014	0,312
CHR4	6345498	CHR4:6345498	SSF x Near_LoA	-7,24340608	0,105	0,317
CHR4	6345566	CHR4:6345566	SSF x Near_LoA	-10,6400713	-0,092	0,306
CHR4	6345569	CHR4:6345569	SSF x Near_LoA	-8,83638907	-0,121	0,321
CHR4	6346923	CHR4:6346923	SSF x Near_LoA	-8,3252025	-0,102	0,313
CHR4	6346959	CHR4:6346959	SSF x Near_LoA	-7,8462714	0,029	0,329
CHR4	6351345	CHR4:6351345	SSF x Near_LoA	-9,93535578	0,126	0,300
CHR4	6351379	CHR4:6351379	SSF x Near_LoA	-10,315522	-0,061	0,302
CHR4	6351406	CHR4:6351406	SSF x Near_LoA	-6,60600299	0,134	0,302
CHR4	6351407	CHR4:6351407	SSF x Near_LoA	-4,89800578	0,141	0,305
CHR4	6351426	CHR4:6351426	SSF x Near_LoA	-9,35870685	-0,015	0,312
CHR4	6351441	CHR4:6351441	SSF x Near_LoA	-9,9971727	0,041	0,303
CHR4	6351456	CHR4:6351456	SSF x Near_LoA	-8,74578127	-0,064	0,312
CHR4	6351466	CHR4:6351466	SSF x Near_LoA	-10,9324109	-0,046	0,310
CHR4	6351668	CHR4:6351668	SSF x Near_LoA	-11,5512783	0,082	0,298
CHR4	6357335	CHR4:6357335	SSF x Near_LoA	-7,31247679	-0,112	0,296
CHR4	6357360	CHR4:6357360	SSF x Near_LoA	-10,0716607	0,103	0,314
CHR4	6357651	CHR4:6357651	SSF x Near_LoA	-10,9559491	0,064	0,308
CHR4	6357654	CHR4:6357654	SSF x Near_LoA	-9,66479114	-0,044	0,313
CHR4	6364443	CHR4:6364443	SSF x Near_LoA	-10,1890867	-0,048	0,310
CHR4	6364445	CHR4:6364445	SSF x Near_LoA	-9,39123251	-0,010	0,313
CHR4	6364470	CHR4:6364470	SSF x Near_LoA	-10,0783793	-0,051	0,330
CHR4	6364490	CHR4:6364490	SSF x Near_LoA	-9,31061812	-0,062	0,311
CHR4	6364528	CHR4:6364528	SSF x Near_LoA	-8,40648195	0,091	0,316
CHR4	6364580	CHR4:6364580	SSF x Near_LoA	-7,6359913	-0,090	0,298
CHR4	6364625	CHR4:6364625	SSF x Near_LoA	-9,59189734	-0,086	0,308
CHR4	6364672	CHR4:6364672	SSF x Near_LoA	-9,98261571	-0,014	0,309
CHR4	6369093	CHR4:6369093	SSF x Near_LoA	-10,9817249	-0,020	0,306
CHR4	6369104	CHR4:6369104	SSF x Near_LoA	-9,06787439	0,060	0,322
CHR4	6369110	CHR4:6369110	SSF x Near_LoA	-11,1945164	0,045	0,308
CHR4	6369204	CHR4:6369204	SSF x Near_LoA	-11,3477168	0,061	0,320

CHR4	6379672	CHR4:6379672	SSF x Near_LoA	-11,2207872	-0,021	0,296
CHR4	6379906	CHR4:6379906	SSF x Near_LoA	-10,6407796	-0,011	0,301
CHR4	6388955	CHR4:6388955	SSF x Near_LoA	-10,6694522	0,060	0,298
CHR4	6420201	CHR4:6420201	SSF x Near_LoA	-11,3941741	-0,102	0,313
CHR4	6440318	CHR4:6440318	SSF x Near_LoA	-7,79887971	0,008	0,305
CHR4	6440410	CHR4:6440410	SSF x Near_LoA	-10,6949181	-0,005	0,303
CHR4	6440487	CHR4:6440487	SSF x Near_LoA	-10,6222186	0,015	0,303
CHR4	6442005	CHR4:6442005	SSF x Near_LoA	-8,56490664	0,082	0,294
CHR4	64467	CHR4:64467	SSF x Near_LoA	-11,1872906	-0,018	0,312
CHR4	64475	CHR4:64475	SSF x Near_LoA	-11,9096069	-0,086	0,306
CHR4	6449759	CHR4:6449759	SSF x Near_LoA	-10,244732	0,054	0,300
CHR4	6449798	CHR4:6449798	SSF x Near_LoA	-8,71729478	0,035	0,316
CHR4	6449807	CHR4:6449807	SSF x Near_LoA	-8,8166497	-0,055	0,314
CHR4	6449830	CHR4:6449830	SSF x Near_LoA	-9,86319089	-0,100	0,304
CHR4	6450074	CHR4:6450074	SSF x Near_LoA	-11,2513708	-0,057	0,301
CHR4	645328	CHR4:645328	SSF x Near_LoA	-10,2629738	-0,007	0,305
CHR4	645403	CHR4:645403	SSF x Near_LoA	-8,83990368	-0,032	0,309
CHR4	6458149	CHR4:6458149	SSF x Near_LoA	-11,4189564	0,020	0,304
CHR4	6458170	CHR4:6458170	SSF x Near_LoA	-10,10738	0,009	0,314
CHR4	6458175	CHR4:6458175	SSF x Near_LoA	-7,72258707	0,033	0,320
CHR4	6474860	CHR4:6474860	SSF x Near_LoA	-9,63850687	0,012	0,304
CHR4	6477606	CHR4:6477606	SSF x Near_LoA	-11,4586477	0,023	0,309
CHR4	6477734	CHR4:6477734	SSF x Near_LoA	-10,9759038	0,082	0,305
CHR4	6477737	CHR4:6477737	SSF x Near_LoA	-11,7047047	0,028	0,303
CHR4	6479093	CHR4:6479093	SSF x Near_LoA	-5,69136447	0,208	0,301
CHR4	6483421	CHR4:6483421	SSF x Near_LoA	-7,52394452	0,057	0,310
CHR4	6483480	CHR4:6483480	SSF x Near_LoA	-9,02879301	0,089	0,310
CHR4	6483524	CHR4:6483524	SSF x Near_LoA	-6,13659939	0,059	0,315
CHR4	6487129	CHR4:6487129	SSF x Near_LoA	-2,42796967	0,011	0,315
CHR4	6487227	CHR4:6487227	SSF x Near_LoA	-9,10425139	-0,018	0,310
CHR4	6487252	CHR4:6487252	SSF x Near_LoA	-8,27262869	0,096	0,307
CHR4	6490480	CHR4:6490480	SSF x Near_LoA	-9,45633788	-0,073	0,307
CHR4	6490487	CHR4:6490487	SSF x Near_LoA	-0,86841725	-0,148	0,304
CHR4	6490497	CHR4:6490497	SSF x Near_LoA	-10,5126099	-0,050	0,303
CHR4	6495101	CHR4:6495101	SSF x Near_LoA	-8,76955866	-0,055	0,308
CHR4	6495190	CHR4:6495190	SSF x Near_LoA	-9,22938472	-0,049	0,309
CHR4	6495225	CHR4:6495225	SSF x Near_LoA	-6,59100648	-0,002	0,313
CHR4	6503011	CHR4:6503011	SSF x Near_LoA	-5,91537289	0,197	0,286
CHR4	6508781	CHR4:6508781	SSF x Near_LoA	-1,49150367	-0,162	0,300
CHR4	6508940	CHR4:6508940	SSF x Near_LoA	-9,35326864	-0,059	0,299
CHR4	6516484	CHR4:6516484	SSF x Near_LoA	-10,3795223	-0,039	0,311
CHR4	6516521	CHR4:6516521	SSF x Near_LoA	-9,09390411	-0,078	0,301
CHR4	6516537	CHR4:6516537	SSF x Near_LoA	-9,71338807	0,055	0,302
CHR4	6516630	CHR4:6516630	SSF x Near_LoA	-8,7361189	0,089	0,297
CHR4	6537451	CHR4:6537451	SSF x Near_LoA	-10,2552952	0,090	0,296
CHR4	6537473	CHR4:6537473	SSF x Near_LoA	-9,09876869	-0,010	0,318
CHR4	6537479	CHR4:6537479	SSF x Near_LoA	-10,9373547	0,075	0,308
CHR4	6537525	CHR4:6537525	SSF x Near_LoA	-5,43257697	0,106	0,307
CHR4	6537547	CHR4:6537547	SSF x Near_LoA	-9,92072379	-0,020	0,308
CHR4	6537553	CHR4:6537553	SSF x Near_LoA	-11,7847201	-0,036	0,308
CHR4	6537566	CHR4:6537566	SSF x Near_LoA	-9,45913493	0,029	0,309
CHR4	6537594	CHR4:6537594	SSF x Near_LoA	-11,6315372	0,033	0,308
CHR4	6537708	CHR4:6537708	SSF x Near_LoA	-9,02293558	-0,043	0,295

CHR4	6544047	CHR4:6544047	SSF x Near_LoA	-9,79096637	0,105	0,285
CHR4	6544066	CHR4:6544066	SSF x Near_LoA	-10,6926595	-0,054	0,313
CHR4	6544070	CHR4:6544070	SSF x Near_LoA	-5,61178996	0,132	0,308
CHR4	6544095	CHR4:6544095	SSF x Near_LoA	-10,9936618	-0,053	0,304
CHR4	6544097	CHR4:6544097	SSF x Near_LoA	-7,99209953	-0,099	0,293
CHR4	6544104	CHR4:6544104	SSF x Near_LoA	-9,01861972	0,002	0,298
CHR4	6544189	CHR4:6544189	SSF x Near_LoA	-9,49702589	0,139	0,302
CHR4	6544215	CHR4:6544215	SSF x Near_LoA	-8,21019694	-0,063	0,302
CHR4	6560733	CHR4:6560733	SSF x Near_LoA	-9,55760843	0,065	0,299
CHR4	6565172	CHR4:6565172	SSF x Near_LoA	-8,50141248	-0,075	0,309
CHR4	6565205	CHR4:6565205	SSF x Near_LoA	-10,9007811	0,001	0,316
CHR4	6565208	CHR4:6565208	SSF x Near_LoA	-9,85843234	0,033	0,313
CHR4	657405	CHR4:657405	SSF x Near_LoA	-10,578087	0,028	0,307
CHR4	657408	CHR4:657408	SSF x Near_LoA	-11,8420043	0,027	0,299
CHR4	6577314	CHR4:6577314	SSF x Near_LoA	-8,18270018	-0,081	0,309
CHR4	6577334	CHR4:6577334	SSF x Near_LoA	-10,3001758	0,072	0,302
CHR4	6579862	CHR4:6579862	SSF x Near_LoA	-11,2576693	0,091	0,294
CHR4	6579957	CHR4:6579957	SSF x Near_LoA	-8,8881503	0,009	0,295
CHR4	6582862	CHR4:6582862	SSF x Near_LoA	-10,0965425	0,070	0,303
CHR4	6583145	CHR4:6583145	SSF x Near_LoA	-6,75894416	0,155	0,307
CHR4	6602445	CHR4:6602445	SSF x Near_LoA	-9,16201869	0,119	0,303
CHR4	6608856	CHR4:6608856	SSF x Near_LoA	-8,11480359	0,096	0,314
CHR4	6608866	CHR4:6608866	SSF x Near_LoA	-9,06292253	-0,035	0,304
CHR4	6608893	CHR4:6608893	SSF x Near_LoA	-8,55804273	0,024	0,296
CHR4	6608902	CHR4:6608902	SSF x Near_LoA	-8,78084628	-0,112	0,294
CHR4	6609028	CHR4:6609028	SSF x Near_LoA	-7,65092682	-0,121	0,309
CHR4	6609030	CHR4:6609030	SSF x Near_LoA	-10,0556138	-0,021	0,303
CHR4	6613789	CHR4:6613789	SSF x Near_LoA	-7,98449157	-0,100	0,302
CHR4	6613843	CHR4:6613843	SSF x Near_LoA	-8,99713369	-0,011	0,285
CHR4	6613850	CHR4:6613850	SSF x Near_LoA	-11,3850941	-0,008	0,312
CHR4	6620799	CHR4:6620799	SSF x Near_LoA	-11,3888391	-0,030	0,312
CHR4	6620902	CHR4:6620902	SSF x Near_LoA	-12,2029174	-0,038	0,302
CHR4	6620909	CHR4:6620909	SSF x Near_LoA	-10,4002726	-0,101	0,311
CHR4	6620911	CHR4:6620911	SSF x Near_LoA	-10,7098574	-0,008	0,285
CHR4	6620960	CHR4:6620960	SSF x Near_LoA	-10,0608317	-0,140	0,308
CHR4	6620975	CHR4:6620975	SSF x Near_LoA	6,56113437	-0,105	0,303
CHR4	6620981	CHR4:6620981	SSF x Near_LoA	-7,17958567	-0,058	0,316
CHR4	6620982	CHR4:6620982	SSF x Near_LoA	-7,79971504	-0,091	0,303
CHR4	6640605	CHR4:6640605	SSF x Near_LoA	-10,074873	-0,005	0,312
CHR4	6640653	CHR4:6640653	SSF x Near_LoA	-8,1074584	0,107	0,315
CHR4	664492	CHR4:664492	SSF x Near_LoA	-8,68765307	0,066	0,303
CHR4	6658299	CHR4:6658299	SSF x Near_LoA	-11,0133735	0,020	0,316
CHR4	6658301	CHR4:6658301	SSF x Near_LoA	-1,88193237	-0,189	0,309
CHR4	6658491	CHR4:6658491	SSF x Near_LoA	-5,10757109	0,192	0,299
CHR4	6658512	CHR4:6658512	SSF x Near_LoA	-4,61435973	-0,174	0,291
CHR4	6661161	CHR4:6661161	SSF x Near_LoA	-9,89816809	0,057	0,305
CHR4	6661163	CHR4:6661163	SSF x Near_LoA	-7,0460292	-0,041	0,311
CHR4	6661228	CHR4:6661228	SSF x Near_LoA	-6,2632619	0,108	0,302
CHR4	6661240	CHR4:6661240	SSF x Near_LoA	-8,64679011	0,004	0,296
CHR4	6669162	CHR4:6669162	SSF x Near_LoA	-7,88204028	0,038	0,295
CHR4	6669223	CHR4:6669223	SSF x Near_LoA	-10,8395628	-0,061	0,301
CHR4	6669237	CHR4:6669237	SSF x Near_LoA	-8,53900217	0,086	0,318
CHR4	6669265	CHR4:6669265	SSF x Near_LoA	-12,1005139	-0,009	0,296

CHR4	6671195	CHR4:6671195	SSF x Near_LoA	-10,6529242	-0,055	0,321
CHR4	6671210	CHR4:6671210	SSF x Near_LoA	-10,5721099	0,040	0,302
CHR4	6671239	CHR4:6671239	SSF x Near_LoA	-8,30582278	0,096	0,302
CHR4	6671279	CHR4:6671279	SSF x Near_LoA	-10,1109294	0,112	0,293
CHR4	6671444	CHR4:6671444	SSF x Near_LoA	-8,8132542	-0,018	0,305
CHR4	6671455	CHR4:6671455	SSF x Near_LoA	-5,79976553	-0,032	0,297
CHR4	6671479	CHR4:6671479	SSF x Near_LoA	-8,03776788	0,041	0,308
CHR4	6671483	CHR4:6671483	SSF x Near_LoA	-8,13983399	-0,001	0,313
CHR4	6671487	CHR4:6671487	SSF x Near_LoA	-6,67796318	0,038	0,318
CHR4	6671489	CHR4:6671489	SSF x Near_LoA	-8,51676952	-0,001	0,321
CHR4	6680926	CHR4:6680926	SSF x Near_LoA	-8,72786247	0,141	0,305
CHR4	6680927	CHR4:6680927	SSF x Near_LoA	-0,10214924	0,175	0,308
CHR4	6680931	CHR4:6680931	SSF x Near_LoA	-2,44441597	-0,244	0,306
CHR4	6680992	CHR4:6680992	SSF x Near_LoA	-3,952719	-0,207	0,306
CHR4	6686661	CHR4:6686661	SSF x Near_LoA	-7,39919304	0,002	0,303
CHR4	6686783	CHR4:6686783	SSF x Near_LoA	-8,92528828	-0,013	0,307
CHR4	6690909	CHR4:6690909	SSF x Near_LoA	-11,7432318	0,011	0,294
CHR4	6691001	CHR4:6691001	SSF x Near_LoA	-10,3815024	-0,031	0,313
CHR4	6694152	CHR4:6694152	SSF x Near_LoA	-8,12927071	0,000	0,320
CHR4	671021	CHR4:671021	SSF x Near_LoA	-10,9693964	-0,013	0,306
CHR4	6711902	CHR4:6711902	SSF x Near_LoA	-7,52153859	-0,083	0,306
CHR4	6711934	CHR4:6711934	SSF x Near_LoA	-10,3811274	-0,056	0,318
CHR4	6712011	CHR4:6712011	SSF x Near_LoA	-9,84000577	-0,031	0,311
CHR4	6735568	CHR4:6735568	SSF x Near_LoA	-8,32719844	0,008	0,303
CHR4	6735583	CHR4:6735583	SSF x Near_LoA	-8,96538245	-0,069	0,315
CHR4	6735621	CHR4:6735621	SSF x Near_LoA	-7,35736078	-0,062	0,326
CHR4	6735657	CHR4:6735657	SSF x Near_LoA	-8,63796036	0,076	0,323
CHR4	6748987	CHR4:6748987	SSF x Near_LoA	-9,12470884	-0,067	0,316
CHR4	6749011	CHR4:6749011	SSF x Near_LoA	-11,4544838	-0,027	0,302
CHR4	6749062	CHR4:6749062	SSF x Near_LoA	-9,30742064	0,186	0,293
CHR4	675089	CHR4:675089	SSF x Near_LoA	-7,37102981	0,104	0,308
CHR4	675166	CHR4:675166	SSF x Near_LoA	-9,13385322	0,015	0,304
CHR4	675184	CHR4:675184	SSF x Near_LoA	-8,29248757	0,007	0,320
CHR4	6752365	CHR4:6752365	SSF x Near_LoA	-11,6477722	0,016	0,298
CHR4	6756671	CHR4:6756671	SSF x Near_LoA	-7,85861703	-0,036	0,315
CHR4	6756699	CHR4:6756699	SSF x Near_LoA	-10,6284474	-0,044	0,315
CHR4	6762352	CHR4:6762352	SSF x Near_LoA	-9,56227572	-0,055	0,292
CHR4	6762388	CHR4:6762388	SSF x Near_LoA	-7,972798	0,043	0,311
CHR4	6762389	CHR4:6762389	SSF x Near_LoA	-6,50456637	0,055	0,316
CHR4	6762507	CHR4:6762507	SSF x Near_LoA	-9,8625369	-0,033	0,287
CHR4	6762604	CHR4:6762604	SSF x Near_LoA	-9,42339365	0,048	0,322
CHR4	6778141	CHR4:6778141	SSF x Near_LoA	-9,8300938	0,084	0,311
CHR4	6778149	CHR4:6778149	SSF x Near_LoA	-8,80280061	0,022	0,297
CHR4	6778180	CHR4:6778180	SSF x Near_LoA	-7,98788925	0,017	0,307
CHR4	6785462	CHR4:6785462	SSF x Near_LoA	-9,61202666	-0,045	0,297
CHR4	6785507	CHR4:6785507	SSF x Near_LoA	-7,41980901	-0,064	0,305
CHR4	6785600	CHR4:6785600	SSF x Near_LoA	-11,843965	0,054	0,301
CHR4	6785640	CHR4:6785640	SSF x Near_LoA	-10,4169176	0,096	0,313
CHR4	6785645	CHR4:6785645	SSF x Near_LoA	-9,38138879	0,129	0,310
CHR4	6793020	CHR4:6793020	SSF x Near_LoA	-8,07789218	-0,042	0,309
CHR4	6796345	CHR4:6796345	SSF x Near_LoA	-10,8629611	0,055	0,300
CHR4	6797771	CHR4:6797771	SSF x Near_LoA	-10,5088645	-0,056	0,309
CHR4	6797924	CHR4:6797924	SSF x Near_LoA	-5,17916834	0,094	0,299

CHR4	6813248	CHR4:6813248	SSF x Near_LoA	-9,84266297	0,008	0,312
CHR4	6822512	CHR4:6822512	SSF x Near_LoA	-8,69193122	-0,109	0,302
CHR4	6822631	CHR4:6822631	SSF x Near_LoA	-10,3677884	-0,038	0,307
CHR4	6822686	CHR4:6822686	SSF x Near_LoA	-10,1634697	0,095	0,313
CHR4	6824047	CHR4:6824047	SSF x Near_LoA	-9,22031111	-0,103	0,294
CHR4	682932	CHR4:682932	SSF x Near_LoA	-8,02706371	0,035	0,305
CHR4	682947	CHR4:682947	SSF x Near_LoA	-9,75206655	-0,011	0,307
CHR4	683108	CHR4:683108	SSF x Near_LoA	-8,96430213	0,061	0,300
CHR4	6831270	CHR4:6831270	SSF x Near_LoA	-10,1936894	0,062	0,307
CHR4	6831305	CHR4:6831305	SSF x Near_LoA	-10,0298243	0,033	0,314
CHR4	6831426	CHR4:6831426	SSF x Near_LoA	-10,6899089	0,110	0,287
CHR4	6831537	CHR4:6831537	SSF x Near_LoA	-10,7379583	-0,008	0,311
CHR4	6834051	CHR4:6834051	SSF x Near_LoA	-11,2488767	0,015	0,313
CHR4	6834079	CHR4:6834079	SSF x Near_LoA	-8,40830243	0,001	0,314
CHR4	6834117	CHR4:6834117	SSF x Near_LoA	-6,70267399	0,056	0,323
CHR4	6840632	CHR4:6840632	SSF x Near_LoA	-10,9754975	0,024	0,298
CHR4	6840633	CHR4:6840633	SSF x Near_LoA	-2,22681261	0,231	0,306
CHR4	6843251	CHR4:6843251	SSF x Near_LoA	-7,41466002	-0,098	0,298
CHR4	6845934	CHR4:6845934	SSF x Near_LoA	-9,18085547	0,059	0,314
CHR4	6845955	CHR4:6845955	SSF x Near_LoA	-10,8830188	0,063	0,306
CHR4	6845958	CHR4:6845958	SSF x Near_LoA	-7,7131417	0,078	0,306
CHR4	6845999	CHR4:6845999	SSF x Near_LoA	-11,9843824	0,038	0,299
CHR4	6846054	CHR4:6846054	SSF x Near_LoA	-9,58420949	-0,012	0,300
CHR4	6846117	CHR4:6846117	SSF x Near_LoA	-9,048333	-0,131	0,295
CHR4	6846160	CHR4:6846160	SSF x Near_LoA	-5,28839209	-0,176	0,297
CHR4	6854194	CHR4:6854194	SSF x Near_LoA	-10,3096909	0,012	0,292
CHR4	6854262	CHR4:6854262	SSF x Near_LoA	-11,6563713	0,053	0,290
CHR4	6854395	CHR4:6854395	SSF x Near_LoA	-8,74072994	-0,111	0,295
CHR4	6876184	CHR4:6876184	SSF x Near_LoA	1,80517904	-0,135	0,296
CHR4	6886053	CHR4:6886053	SSF x Near_LoA	-6,83483502	-0,120	0,303
CHR4	6886144	CHR4:6886144	SSF x Near_LoA	-5,61002567	-0,131	0,298
CHR4	689638	CHR4:689638	SSF x Near_LoA	-7,12132957	-0,105	0,296
CHR4	689660	CHR4:689660	SSF x Near_LoA	-8,30043533	0,040	0,321
CHR4	689670	CHR4:689670	SSF x Near_LoA	-6,60983687	-0,036	0,328
CHR4	689843	CHR4:689843	SSF x Near_LoA	-9,79509016	0,008	0,310
CHR4	689886	CHR4:689886	SSF x Near_LoA	-10,5675189	0,105	0,299
CHR4	6917967	CHR4:6917967	SSF x Near_LoA	-7,01814599	0,033	0,316
CHR4	6929351	CHR4:6929351	SSF x Near_LoA	-9,00071931	0,092	0,302
CHR4	6941199	CHR4:6941199	SSF x Near_LoA	-7,89759357	-0,044	0,316
CHR4	6941371	CHR4:6941371	SSF x Near_LoA	-10,575081	-0,055	0,286
CHR4	6941399	CHR4:6941399	SSF x Near_LoA	-5,64431323	-0,092	0,301
CHR4	6941420	CHR4:6941420	SSF x Near_LoA	-9,92543661	0,070	0,305
CHR4	694556	CHR4:694556	SSF x Near_LoA	-7,27368723	0,111	0,311
CHR4	6945962	CHR4:6945962	SSF x Near_LoA	-8,20150219	0,082	0,300
CHR4	6945984	CHR4:6945984	SSF x Near_LoA	-9,17378854	0,009	0,312
CHR4	6946036	CHR4:6946036	SSF x Near_LoA	-8,6999015	0,070	0,305
CHR4	6946048	CHR4:6946048	SSF x Near_LoA	-8,0404022	0,052	0,314
CHR4	6946063	CHR4:6946063	SSF x Near_LoA	-1,51266387	-0,038	0,298
CHR4	6946067	CHR4:6946067	SSF x Near_LoA	-9,77211778	-0,037	0,302
CHR4	6946069	CHR4:6946069	SSF x Near_LoA	-7,94578665	-0,033	0,308
CHR4	6946105	CHR4:6946105	SSF x Near_LoA	-9,57865401	-0,002	0,306
CHR4	6953007	CHR4:6953007	SSF x Near_LoA	-11,1540175	0,005	0,302
CHR4	6953099	CHR4:6953099	SSF x Near_LoA	-8,72484613	0,084	0,296

CHR4	6966555	CHR4:6966555	SSF x Near_LoA	-8,08079714	-0,010	0,323
CHR4	6966638	CHR4:6966638	SSF x Near_LoA	-8,89566774	-0,088	0,309
CHR4	6979958	CHR4:6979958	SSF x Near_LoA	-9,49370629	-0,039	0,308
CHR4	6980004	CHR4:6980004	SSF x Near_LoA	-7,85879098	-0,170	0,291
CHR4	6980011	CHR4:6980011	SSF x Near_LoA	-11,1353673	0,007	0,304
CHR4	6980315	CHR4:6980315	SSF x Near_LoA	-10,5536772	-0,131	0,304
CHR4	6980348	CHR4:6980348	SSF x Near_LoA	-5,90685608	0,056	0,315
CHR4	6980371	CHR4:6980371	SSF x Near_LoA	-6,78141493	-0,162	0,306
CHR4	6980423	CHR4:6980423	SSF x Near_LoA	-10,3413667	0,100	0,309
CHR4	698398	CHR4:698398	SSF x Near_LoA	-11,249572	0,067	0,296
CHR4	6985065	CHR4:6985065	SSF x Near_LoA	-10,5587961	-0,061	0,323
CHR4	698898	CHR4:698898	SSF x Near_LoA	-10,5581803	0,009	0,307
CHR4	6989182	CHR4:6989182	SSF x Near_LoA	-2,57746358	0,113	0,296
CHR4	6989222	CHR4:6989222	SSF x Near_LoA	-9,55837663	-0,011	0,296
CHR4	698923	CHR4:698923	SSF x Near_LoA	-10,9708742	0,049	0,308
CHR4	698931	CHR4:698931	SSF x Near_LoA	-9,04586668	0,089	0,312
CHR4	698957	CHR4:698957	SSF x Near_LoA	-11,3574872	0,061	0,305
CHR4	698968	CHR4:698968	SSF x Near_LoA	-10,4772656	0,049	0,304
CHR4	6997525	CHR4:6997525	SSF x Near_LoA	-9,02897822	-0,071	0,298
CHR4	6997764	CHR4:6997764	SSF x Near_LoA	-10,0622273	0,067	0,299
CHR4	702018	CHR4:702018	SSF x Near_LoA	-10,7434024	-0,010	0,314
CHR4	7021957	CHR4:7021957	SSF x Near_LoA	-10,8083114	0,086	0,309
CHR4	7022165	CHR4:7022165	SSF x Near_LoA	-9,54586655	-0,054	0,310
CHR4	7028403	CHR4:7028403	SSF x Near_LoA	-10,0874715	-0,069	0,294
CHR4	7028534	CHR4:7028534	SSF x Near_LoA	-11,0204829	-0,001	0,317
CHR4	7028549	CHR4:7028549	SSF x Near_LoA	-7,88103991	0,067	0,320
CHR4	7028563	CHR4:7028563	SSF x Near_LoA	-10,5729199	-0,055	0,318
CHR4	7028564	CHR4:7028564	SSF x Near_LoA	-11,0267016	0,061	0,292
CHR4	7041424	CHR4:7041424	SSF x Near_LoA	-10,3837725	0,007	0,302
CHR4	7048398	CHR4:7048398	SSF x Near_LoA	-7,86048629	-0,085	0,316
CHR4	7051536	CHR4:7051536	SSF x Near_LoA	-6,74137859	0,146	0,305
CHR4	705354	CHR4:705354	SSF x Near_LoA	-11,2204954	0,040	0,299
CHR4	705367	CHR4:705367	SSF x Near_LoA	-12,0174151	0,045	0,287
CHR4	705453	CHR4:705453	SSF x Near_LoA	-10,434361	0,053	0,303
CHR4	7064585	CHR4:7064585	SSF x Near_LoA	-6,60039778	-0,088	0,310
CHR4	7069741	CHR4:7069741	SSF x Near_LoA	-12,6556117	0,003	0,295
CHR4	7071708	CHR4:7071708	SSF x Near_LoA	-11,648235	-0,005	0,314
CHR4	7073884	CHR4:7073884	SSF x Near_LoA	-8,97702238	-0,073	0,319
CHR4	7073893	CHR4:7073893	SSF x Near_LoA	-10,9223743	0,021	0,299
CHR4	7073913	CHR4:7073913	SSF x Near_LoA	-8,39656215	0,077	0,313
CHR4	7073920	CHR4:7073920	SSF x Near_LoA	-10,9740723	0,092	0,312
CHR4	7073970	CHR4:7073970	SSF x Near_LoA	-7,36864343	-0,061	0,318
CHR4	7073995	CHR4:7073995	SSF x Near_LoA	-8,92370293	0,001	0,312
CHR4	7074033	CHR4:7074033	SSF x Near_LoA	-10,2958129	-0,027	0,315
CHR4	7076373	CHR4:7076373	SSF x Near_LoA	-7,38812509	-0,138	0,294
CHR4	7076403	CHR4:7076403	SSF x Near_LoA	-7,12304698	0,132	0,291
CHR4	7078177	CHR4:7078177	SSF x Near_LoA	-11,097866	-0,058	0,312
CHR4	71016	CHR4:71016	SSF x Near_LoA	-10,9211206	-0,072	0,307
CHR4	7106060	CHR4:7106060	SSF x Near_LoA	-9,42596553	-0,087	0,310
CHR4	7106126	CHR4:7106126	SSF x Near_LoA	-8,53171937	-0,035	0,299
CHR4	7106236	CHR4:7106236	SSF x Near_LoA	-8,80863628	-0,026	0,304
CHR4	7106255	CHR4:7106255	SSF x Near_LoA	-6,39633165	-0,128	0,301
CHR4	7106260	CHR4:7106260	SSF x Near_LoA	-6,9482763	0,168	0,292

CHR4	7106339	CHR4:7106339	SSF x Near_LoA	-7,64754164	-0,007	0,313
CHR4	710768	CHR4:710768	SSF x Near_LoA	-6,80906288	0,216	0,303
CHR4	7109641	CHR4:7109641	SSF x Near_LoA	-9,32213498	0,016	0,311
CHR4	7109711	CHR4:7109711	SSF x Near_LoA	-4,53813217	0,092	0,321
CHR4	710976	CHR4:710976	SSF x Near_LoA	-8,82295475	0,182	0,301
CHR4	7109900	CHR4:7109900	SSF x Near_LoA	-9,80668952	0,001	0,314
CHR4	711064	CHR4:711064	SSF x Near_LoA	-8,18389747	0,131	0,293
CHR4	7126739	CHR4:7126739	SSF x Near_LoA	-10,7816574	-0,060	0,319
CHR4	7126862	CHR4:7126862	SSF x Near_LoA	-10,8666418	0,089	0,296
CHR4	7136615	CHR4:7136615	SSF x Near_LoA	-6,39705031	-0,217	0,289
CHR4	7136826	CHR4:7136826	SSF x Near_LoA	-6,31073771	-0,213	0,294
CHR4	7146193	CHR4:7146193	SSF x Near_LoA	-7,72988873	-0,132	0,297
CHR4	7146320	CHR4:7146320	SSF x Near_LoA	-10,6488678	0,061	0,306
CHR4	7146355	CHR4:7146355	SSF x Near_LoA	-11,4286451	-0,009	0,316
CHR4	7146426	CHR4:7146426	SSF x Near_LoA	-10,116453	0,042	0,299
CHR4	7146507	CHR4:7146507	SSF x Near_LoA	-9,54079227	0,106	0,316
CHR4	7146526	CHR4:7146526	SSF x Near_LoA	-4,38004615	-0,148	0,290
CHR4	7161225	CHR4:7161225	SSF x Near_LoA	-11,8145092	0,010	0,315
CHR4	7161226	CHR4:7161226	SSF x Near_LoA	-8,83971374	-0,082	0,304
CHR4	7161242	CHR4:7161242	SSF x Near_LoA	-8,57763815	-0,139	0,294
CHR4	7171173	CHR4:7171173	SSF x Near_LoA	-2,47600028	-0,035	0,319
CHR4	7171187	CHR4:7171187	SSF x Near_LoA	-8,61855568	-0,115	0,318
CHR4	7171189	CHR4:7171189	SSF x Near_LoA	-8,46743681	0,098	0,297
CHR4	7171196	CHR4:7171196	SSF x Near_LoA	-7,70945179	0,079	0,307
CHR4	7171248	CHR4:7171248	SSF x Near_LoA	-7,90200745	-0,075	0,299
CHR4	7178508	CHR4:7178508	SSF x Near_LoA	-7,44543484	0,186	0,291
CHR4	7178544	CHR4:7178544	SSF x Near_LoA	-9,50735132	-0,070	0,313
CHR4	7178664	CHR4:7178664	SSF x Near_LoA	-8,07247361	0,067	0,309
CHR4	7178679	CHR4:7178679	SSF x Near_LoA	-10,2359723	-0,042	0,312
CHR4	7178696	CHR4:7178696	SSF x Near_LoA	-7,97175548	-0,052	0,317
CHR4	7178710	CHR4:7178710	SSF x Near_LoA	-7,58331693	-0,012	0,318
CHR4	7178724	CHR4:7178724	SSF x Near_LoA	-9,24056896	-0,024	0,313
CHR4	7200005	CHR4:7200005	SSF x Near_LoA	-7,60235271	0,151	0,300
CHR4	7200007	CHR4:7200007	SSF x Near_LoA	-9,99830262	0,024	0,315
CHR4	7200039	CHR4:7200039	SSF x Near_LoA	-1,80945385	0,081	0,296
CHR4	7200044	CHR4:7200044	SSF x Near_LoA	-11,2388003	-0,092	0,300
CHR4	7200094	CHR4:7200094	SSF x Near_LoA	-6,8668019	0,129	0,303
CHR4	7200125	CHR4:7200125	SSF x Near_LoA	-7,96620259	0,027	0,305
CHR4	7200154	CHR4:7200154	SSF x Near_LoA	-11,3017999	0,041	0,304
CHR4	7200190	CHR4:7200190	SSF x Near_LoA	-8,52382039	-0,143	0,296
CHR4	7200234	CHR4:7200234	SSF x Near_LoA	-9,40554373	-0,012	0,323
CHR4	7200237	CHR4:7200237	SSF x Near_LoA	-10,8200106	-0,057	0,315
CHR4	7200268	CHR4:7200268	SSF x Near_LoA	-7,37778529	-0,130	0,288
CHR4	7200272	CHR4:7200272	SSF x Near_LoA	-7,43604645	-0,110	0,312
CHR4	7200286	CHR4:7200286	SSF x Near_LoA	-7,40995459	-0,131	0,301
CHR4	7208197	CHR4:7208197	SSF x Near_LoA	-9,50480774	0,145	0,300
CHR4	7208209	CHR4:7208209	SSF x Near_LoA	-6,56996485	0,137	0,292
CHR4	7208217	CHR4:7208217	SSF x Near_LoA	-7,19217835	0,098	0,314
CHR4	7208252	CHR4:7208252	SSF x Near_LoA	-8,84779869	0,023	0,306
CHR4	7208295	CHR4:7208295	SSF x Near_LoA	-9,45371847	-0,113	0,291
CHR4	7208344	CHR4:7208344	SSF x Near_LoA	-8,50388073	-0,071	0,288
CHR4	7208357	CHR4:7208357	SSF x Near_LoA	-6,37822709	-0,122	0,295
CHR4	7208441	CHR4:7208441	SSF x Near_LoA	-7,30646294	0,078	0,305

CHR4	7219470	CHR4:7219470	SSF x Near_LoA	-9,17440775	0,098	0,296
CHR4	7219493	CHR4:7219493	SSF x Near_LoA	-11,2309211	0,027	0,306
CHR4	7219495	CHR4:7219495	SSF x Near_LoA	-10,5966108	0,003	0,296
CHR4	7219514	CHR4:7219514	SSF x Near_LoA	-11,9333994	0,009	0,301
CHR4	7219530	CHR4:7219530	SSF x Near_LoA	-8,17695181	-0,099	0,306
CHR4	7219570	CHR4:7219570	SSF x Near_LoA	-12,0819916	-0,013	0,310
CHR4	7219584	CHR4:7219584	SSF x Near_LoA	-8,10093031	0,117	0,284
CHR4	7219591	CHR4:7219591	SSF x Near_LoA	-3,7797838	0,009	0,306
CHR4	7219612	CHR4:7219612	SSF x Near_LoA	-9,06342787	-0,047	0,316
CHR4	7219626	CHR4:7219626	SSF x Near_LoA	-8,67968419	0,147	0,314
CHR4	7219646	CHR4:7219646	SSF x Near_LoA	-9,68944531	0,101	0,297
CHR4	7219668	CHR4:7219668	SSF x Near_LoA	-9,42089305	0,129	0,293
CHR4	7225293	CHR4:7225293	SSF x Near_LoA	-7,81780578	0,069	0,327
CHR4	7225383	CHR4:7225383	SSF x Near_LoA	-9,12007876	0,059	0,305
CHR4	7225433	CHR4:7225433	SSF x Near_LoA	-9,54445701	-0,026	0,307
CHR4	7225491	CHR4:7225491	SSF x Near_LoA	-7,84640557	0,020	0,323
CHR4	7227390	CHR4:7227390	SSF x Near_LoA	-6,73007152	0,179	0,303
CHR4	7227419	CHR4:7227419	SSF x Near_LoA	-8,13329137	0,020	0,320
CHR4	7227473	CHR4:7227473	SSF x Near_LoA	-9,41301516	0,040	0,315
CHR4	7227484	CHR4:7227484	SSF x Near_LoA	-10,4815081	-0,050	0,303
CHR4	7227543	CHR4:7227543	SSF x Near_LoA	-9,62474399	0,037	0,307
CHR4	7227557	CHR4:7227557	SSF x Near_LoA	-10,1352255	0,055	0,311
CHR4	7227569	CHR4:7227569	SSF x Near_LoA	-7,45929387	0,203	0,291
CHR4	7227587	CHR4:7227587	SSF x Near_LoA	-9,8257751	-0,030	0,313
CHR4	7227610	CHR4:7227610	SSF x Near_LoA	-9,87484487	0,074	0,304
CHR4	7236646	CHR4:7236646	SSF x Near_LoA	-9,11268391	0,039	0,286
CHR4	7239662	CHR4:7239662	SSF x Near_LoA	-5,66593504	-0,086	0,300
CHR4	7239669	CHR4:7239669	SSF x Near_LoA	-7,61212349	0,076	0,304
CHR4	7239678	CHR4:7239678	SSF x Near_LoA	-11,0703097	0,066	0,308
CHR4	7243929	CHR4:7243929	SSF x Near_LoA	-8,6295469	0,026	0,304
CHR4	7243982	CHR4:7243982	SSF x Near_LoA	1,55614845	0,052	0,303
CHR4	7244000	CHR4:7244000	SSF x Near_LoA	-8,16218359	0,051	0,315
CHR4	7244007	CHR4:7244007	SSF x Near_LoA	-8,05223586	0,037	0,310
CHR4	7244033	CHR4:7244033	SSF x Near_LoA	-9,3898313	0,055	0,314
CHR4	7244035	CHR4:7244035	SSF x Near_LoA	-9,02367447	-0,054	0,314
CHR4	7247107	CHR4:7247107	SSF x Near_LoA	-5,36719113	-0,098	0,302
CHR4	7247108	CHR4:7247108	SSF x Near_LoA	-7,93333047	-0,010	0,320
CHR4	7247140	CHR4:7247140	SSF x Near_LoA	-6,92872222	0,076	0,315
CHR4	7247142	CHR4:7247142	SSF x Near_LoA	-8,410194	0,064	0,302
CHR4	7247181	CHR4:7247181	SSF x Near_LoA	-9,57661676	0,109	0,307
CHR4	7247257	CHR4:7247257	SSF x Near_LoA	-8,9256178	-0,040	0,296
CHR4	7247273	CHR4:7247273	SSF x Near_LoA	-4,39114324	-0,054	0,296
CHR4	7251342	CHR4:7251342	SSF x Near_LoA	-10,5015264	-0,023	0,309
CHR4	7251349	CHR4:7251349	SSF x Near_LoA	-9,81448301	0,060	0,309
CHR4	7251363	CHR4:7251363	SSF x Near_LoA	-10,1869647	-0,090	0,298
CHR4	7252589	CHR4:7252589	SSF x Near_LoA	-10,8353237	0,154	0,292
CHR4	7254709	CHR4:7254709	SSF x Near_LoA	-10,6974129	0,021	0,324
CHR4	7254717	CHR4:7254717	SSF x Near_LoA	-10,079972	0,008	0,303
CHR4	7254737	CHR4:7254737	SSF x Near_LoA	-10,3498755	-0,021	0,311
CHR4	7254738	CHR4:7254738	SSF x Near_LoA	-9,97167726	-0,043	0,311
CHR4	7254769	CHR4:7254769	SSF x Near_LoA	-10,4757479	-0,016	0,320
CHR4	7255068	CHR4:7255068	SSF x Near_LoA	-11,4999372	0,010	0,318
CHR4	7268475	CHR4:7268475	SSF x Near_LoA	-9,67888392	-0,041	0,286

CHR4	7268528	CHR4:7268528	SSF x Near_LoA	-7,17049285	-0,074	0,289
CHR4	7268540	CHR4:7268540	SSF x Near_LoA	-7,43996767	-0,099	0,297
CHR4	7268563	CHR4:7268563	SSF x Near_LoA	-7,37141192	0,229	0,272
CHR4	7285747	CHR4:7285747	SSF x Near_LoA	-7,90892611	-0,064	0,306
CHR4	7285820	CHR4:7285820	SSF x Near_LoA	-10,9629796	-0,029	0,294
CHR4	7288863	CHR4:7288863	SSF x Near_LoA	-9,52060265	-0,047	0,313
CHR4	7289459	CHR4:7289459	SSF x Near_LoA	-7,96753985	0,020	0,308
CHR4	7290845	CHR4:7290845	SSF x Near_LoA	-10,4468905	-0,005	0,311
CHR4	7290899	CHR4:7290899	SSF x Near_LoA	-9,49506575	-0,025	0,312
CHR4	7291901	CHR4:7291901	SSF x Near_LoA	-8,97395026	0,049	0,306
CHR4	7291925	CHR4:7291925	SSF x Near_LoA	-6,42611062	-0,221	0,284
CHR4	7293593	CHR4:7293593	SSF x Near_LoA	-11,4890978	0,031	0,307
CHR4	7294937	CHR4:7294937	SSF x Near_LoA	-10,4614769	0,071	0,315
CHR4	7296234	CHR4:7296234	SSF x Near_LoA	-8,75232128	0,064	0,291
CHR4	7296247	CHR4:7296247	SSF x Near_LoA	-9,27490895	-0,062	0,300
CHR4	7296310	CHR4:7296310	SSF x Near_LoA	-7,19783144	-0,015	0,329
CHR4	7296312	CHR4:7296312	SSF x Near_LoA	-10,6884008	-0,013	0,312
CHR4	7297912	CHR4:7297912	SSF x Near_LoA	-9,78818631	0,033	0,313
CHR4	7300700	CHR4:7300700	SSF x Near_LoA	-9,80435318	-0,062	0,315
CHR4	7300734	CHR4:7300734	SSF x Near_LoA	-6,08050395	-0,138	0,310
CHR4	7305614	CHR4:7305614	SSF x Near_LoA	-9,0739378	0,052	0,314
CHR4	7310006	CHR4:7310006	SSF x Near_LoA	-9,65715266	-0,010	0,305
CHR4	7310039	CHR4:7310039	SSF x Near_LoA	-8,77168373	0,063	0,310
CHR4	7312900	CHR4:7312900	SSF x Near_LoA	-4,65336548	-0,067	0,312
CHR4	7312927	CHR4:7312927	SSF x Near_LoA	-10,3066309	-0,010	0,301
CHR4	7317944	CHR4:7317944	SSF x Near_LoA	-10,8804707	-0,060	0,310
CHR4	7334041	CHR4:7334041	SSF x Near_LoA	-9,14069743	0,185	0,283
CHR4	7343322	CHR4:7343322	SSF x Near_LoA	-10,1537247	-0,055	0,307
CHR4	7354105	CHR4:7354105	SSF x Near_LoA	-9,51741228	0,060	0,305
CHR4	7354509	CHR4:7354509	SSF x Near_LoA	-9,55229502	0,090	0,311
CHR4	7357949	CHR4:7357949	SSF x Near_LoA	-8,64218587	-0,057	0,291
CHR4	7358213	CHR4:7358213	SSF x Near_LoA	-8,38001646	-0,182	0,309
CHR4	7365732	CHR4:7365732	SSF x Near_LoA	-9,23779236	0,081	0,297
CHR4	7365775	CHR4:7365775	SSF x Near_LoA	-6,94198345	0,079	0,317
CHR4	7365822	CHR4:7365822	SSF x Near_LoA	-9,32199146	0,018	0,306
CHR4	7377886	CHR4:7377886	SSF x Near_LoA	-5,86875598	0,022	0,309
CHR4	7377912	CHR4:7377912	SSF x Near_LoA	1,35276831	0,029	0,311
CHR4	7378053	CHR4:7378053	SSF x Near_LoA	-9,45998696	0,005	0,311
CHR4	73857	CHR4:73857	SSF x Near_LoA	-11,2589937	0,041	0,308
CHR4	7401571	CHR4:7401571	SSF x Near_LoA	-10,6406289	-0,046	0,302
CHR4	7401574	CHR4:7401574	SSF x Near_LoA	-6,63127776	0,175	0,306
CHR4	7401578	CHR4:7401578	SSF x Near_LoA	-8,49106383	-0,056	0,311
CHR4	7401623	CHR4:7401623	SSF x Near_LoA	-10,2381632	-0,021	0,300
CHR4	740985	CHR4:740985	SSF x Near_LoA	-9,30026627	-0,063	0,303
CHR4	741029	CHR4:741029	SSF x Near_LoA	-9,15560032	-0,022	0,314
CHR4	7411913	CHR4:7411913	SSF x Near_LoA	-11,5271415	-0,005	0,302
CHR4	7418602	CHR4:7418602	SSF x Near_LoA	-11,8143463	0,004	0,313
CHR4	7426122	CHR4:7426122	SSF x Near_LoA	-11,0248624	0,050	0,308
CHR4	7445665	CHR4:7445665	SSF x Near_LoA	-12,318892	-0,010	0,299
CHR4	7457444	CHR4:7457444	SSF x Near_LoA	-9,96156189	-0,076	0,312
CHR4	7474960	CHR4:7474960	SSF x Near_LoA	-7,88569185	0,056	0,310
CHR4	7486766	CHR4:7486766	SSF x Near_LoA	-10,8152568	0,084	0,303
CHR4	7486767	CHR4:7486767	SSF x Near_LoA	-8,60781752	0,079	0,314

CHR4	7486789	CHR4:7486789	SSF x Near_LoA	-10,0096944	-0,052	0,309
CHR4	7486837	CHR4:7486837	SSF x Near_LoA	-9,96024172	0,108	0,299
CHR4	7486887	CHR4:7486887	SSF x Near_LoA	-10,4552215	0,078	0,312
CHR4	7489490	CHR4:7489490	SSF x Near_LoA	-9,48754541	-0,095	0,302
CHR4	7489765	CHR4:7489765	SSF x Near_LoA	-11,3039961	-0,016	0,311
CHR4	7491704	CHR4:7491704	SSF x Near_LoA	-6,72850073	-0,109	0,316
CHR4	7491732	CHR4:7491732	SSF x Near_LoA	-10,4903481	0,000	0,314
CHR4	7505976	CHR4:7505976	SSF x Near_LoA	-9,74720355	0,106	0,299
CHR4	750625	CHR4:750625	SSF x Near_LoA	-9,12518262	-0,044	0,315
CHR4	7517195	CHR4:7517195	SSF x Near_LoA	-9,57407774	0,009	0,303
CHR4	7517429	CHR4:7517429	SSF x Near_LoA	-10,313919	0,102	0,302
CHR4	754344	CHR4:754344	SSF x Near_LoA	-10,3055094	0,036	0,315
CHR4	7551682	CHR4:7551682	SSF x Near_LoA	-7,6948009	0,062	0,318
CHR4	7551683	CHR4:7551683	SSF x Near_LoA	-10,4787574	0,078	0,307
CHR4	7552984	CHR4:7552984	SSF x Near_LoA	-7,83550991	-0,074	0,305
CHR4	7553166	CHR4:7553166	SSF x Near_LoA	-7,1784106	-0,125	0,306
CHR4	7553178	CHR4:7553178	SSF x Near_LoA	-9,16976767	-0,092	0,309
CHR4	7553179	CHR4:7553179	SSF x Near_LoA	-9,0879417	-0,071	0,318
CHR4	7558294	CHR4:7558294	SSF x Near_LoA	-8,4042139	0,150	0,312
CHR4	7558334	CHR4:7558334	SSF x Near_LoA	-7,14177017	0,081	0,311
CHR4	7571068	CHR4:7571068	SSF x Near_LoA	-10,0846566	0,107	0,307
CHR4	7571257	CHR4:7571257	SSF x Near_LoA	-10,9065315	0,143	0,306
CHR4	7571293	CHR4:7571293	SSF x Near_LoA	-8,92982807	-0,012	0,300
CHR4	7586291	CHR4:7586291	SSF x Near_LoA	-8,86480921	0,054	0,304
CHR4	7586443	CHR4:7586443	SSF x Near_LoA	-7,43379395	-0,060	0,303
CHR4	7586460	CHR4:7586460	SSF x Near_LoA	-6,48964675	0,108	0,315
CHR4	7586504	CHR4:7586504	SSF x Near_LoA	-10,6194019	-0,075	0,307
CHR4	7598733	CHR4:7598733	SSF x Near_LoA	-11,535186	0,020	0,307
CHR4	7598777	CHR4:7598777	SSF x Near_LoA	-9,54653468	0,073	0,315
CHR4	7598781	CHR4:7598781	SSF x Near_LoA	-9,4479764	0,048	0,322
CHR4	7598933	CHR4:7598933	SSF x Near_LoA	-11,571951	0,004	0,300
CHR4	761348	CHR4:761348	SSF x Near_LoA	-2,6478051	0,111	0,289
CHR4	7615352	CHR4:7615352	SSF x Near_LoA	-7,52534534	-0,062	0,305
CHR4	7615370	CHR4:7615370	SSF x Near_LoA	-10,1280205	-0,010	0,318
CHR4	7615412	CHR4:7615412	SSF x Near_LoA	-1,16594337	-0,084	0,296
CHR4	7615419	CHR4:7615419	SSF x Near_LoA	-7,94964459	-0,083	0,289
CHR4	7615422	CHR4:7615422	SSF x Near_LoA	-8,15476689	-0,077	0,312
CHR4	7615480	CHR4:7615480	SSF x Near_LoA	-9,45382707	0,019	0,304
CHR4	7625007	CHR4:7625007	SSF x Near_LoA	-8,54984737	0,065	0,303
CHR4	7625050	CHR4:7625050	SSF x Near_LoA	-9,39471178	0,091	0,311
CHR4	7625100	CHR4:7625100	SSF x Near_LoA	-9,24270562	-0,081	0,305
CHR4	7625195	CHR4:7625195	SSF x Near_LoA	-9,44732471	-0,001	0,313
CHR4	7625250	CHR4:7625250	SSF x Near_LoA	-8,57824612	0,022	0,307
CHR4	7627532	CHR4:7627532	SSF x Near_LoA	-6,86018178	0,023	0,298
CHR4	7648047	CHR4:7648047	SSF x Near_LoA	-10,7380777	-0,042	0,311
CHR4	7675536	CHR4:7675536	SSF x Near_LoA	-9,57414465	-0,038	0,293
CHR4	7675639	CHR4:7675639	SSF x Near_LoA	-10,1128543	-0,026	0,299
CHR4	7681091	CHR4:7681091	SSF x Near_LoA	-7,32323298	-0,042	0,312
CHR4	7716816	CHR4:7716816	SSF x Near_LoA	-8,29477801	-0,084	0,290
CHR4	7724330	CHR4:7724330	SSF x Near_LoA	-7,47845257	0,140	0,306
CHR4	7733117	CHR4:7733117	SSF x Near_LoA	-10,6074279	0,042	0,313
CHR4	7733183	CHR4:7733183	SSF x Near_LoA	-9,95666517	-0,110	0,317
CHR4	773340	CHR4:773340	SSF x Near_LoA	-8,43930908	-0,069	0,313

CHR4	7740796	CHR4:7740796	SSF x Near_LoA	-9,03789637	-0,146	0,301
CHR4	7740839	CHR4:7740839	SSF x Near_LoA	-7,44426172	-0,073	0,316
CHR4	7740840	CHR4:7740840	SSF x Near_LoA	-7,81873665	-0,083	0,309
CHR4	7740841	CHR4:7740841	SSF x Near_LoA	-7,69986064	-0,080	0,307
CHR4	7740844	CHR4:7740844	SSF x Near_LoA	-7,90795051	-0,089	0,307
CHR4	7740845	CHR4:7740845	SSF x Near_LoA	-7,86908918	-0,101	0,316
CHR4	7740846	CHR4:7740846	SSF x Near_LoA	-7,81075072	-0,060	0,308
CHR4	7762139	CHR4:7762139	SSF x Near_LoA	-8,83519073	-0,100	0,309
CHR4	7763927	CHR4:7763927	SSF x Near_LoA	-10,4098404	-0,024	0,313
CHR4	7763949	CHR4:7763949	SSF x Near_LoA	-9,31899851	0,039	0,313
CHR4	7763987	CHR4:7763987	SSF x Near_LoA	-10,5249808	-0,114	0,307
CHR4	7771779	CHR4:7771779	SSF x Near_LoA	-8,24275771	-0,132	0,307
CHR4	7771780	CHR4:7771780	SSF x Near_LoA	-9,03882918	0,038	0,296
CHR4	7771795	CHR4:7771795	SSF x Near_LoA	-9,41398191	0,010	0,309
CHR4	7771871	CHR4:7771871	SSF x Near_LoA	-11,4241666	-0,009	0,315
CHR4	7772516	CHR4:7772516	SSF x Near_LoA	-10,4538699	-0,029	0,289
CHR4	7772539	CHR4:7772539	SSF x Near_LoA	-10,1231159	-0,036	0,307
CHR4	7772565	CHR4:7772565	SSF x Near_LoA	-9,92671925	0,039	0,315
CHR4	7772571	CHR4:7772571	SSF x Near_LoA	-7,74907596	-0,034	0,306
CHR4	7772629	CHR4:7772629	SSF x Near_LoA	-10,6703996	-0,056	0,296
CHR4	7776788	CHR4:7776788	SSF x Near_LoA	-8,54940211	-0,016	0,296
CHR4	7776801	CHR4:7776801	SSF x Near_LoA	-7,73817397	-0,069	0,332
CHR4	7776935	CHR4:7776935	SSF x Near_LoA	-7,8394983	-0,082	0,290
CHR4	7784227	CHR4:7784227	SSF x Near_LoA	-9,08239155	0,015	0,297
CHR4	7784242	CHR4:7784242	SSF x Near_LoA	-8,1569814	-0,028	0,316
CHR4	7784264	CHR4:7784264	SSF x Near_LoA	-8,82190972	0,021	0,298
CHR4	7784304	CHR4:7784304	SSF x Near_LoA	-9,71685502	0,022	0,302
CHR4	7784313	CHR4:7784313	SSF x Near_LoA	-9,92474431	0,031	0,302
CHR4	7784342	CHR4:7784342	SSF x Near_LoA	-6,99382185	0,159	0,311
CHR4	7784376	CHR4:7784376	SSF x Near_LoA	-5,23696496	0,171	0,294
CHR4	7784391	CHR4:7784391	SSF x Near_LoA	-10,5053009	0,039	0,295
CHR4	7784412	CHR4:7784412	SSF x Near_LoA	-11,9100139	-0,020	0,300
CHR4	7788877	CHR4:7788877	SSF x Near_LoA	-9,92962164	0,017	0,305
CHR4	7788884	CHR4:7788884	SSF x Near_LoA	-11,2826497	0,033	0,308
CHR4	7788885	CHR4:7788885	SSF x Near_LoA	-8,44323163	-0,116	0,301
CHR4	7788939	CHR4:7788939	SSF x Near_LoA	-11,457211	0,070	0,310
CHR4	7788982	CHR4:7788982	SSF x Near_LoA	-6,2603717	-0,121	0,309
CHR4	7788984	CHR4:7788984	SSF x Near_LoA	-7,17199281	-0,083	0,324
CHR4	7788995	CHR4:7788995	SSF x Near_LoA	-11,1744154	-0,027	0,302
CHR4	7789038	CHR4:7789038	SSF x Near_LoA	-9,25379613	0,008	0,305
CHR4	7789054	CHR4:7789054	SSF x Near_LoA	-0,86454852	0,097	0,305
CHR4	7795464	CHR4:7795464	SSF x Near_LoA	-10,8662625	-0,074	0,293
CHR4	7795563	CHR4:7795563	SSF x Near_LoA	-8,64297246	0,023	0,317
CHR4	7795605	CHR4:7795605	SSF x Near_LoA	-10,440868	-0,029	0,296
CHR4	7797855	CHR4:7797855	SSF x Near_LoA	-7,90423144	0,085	0,308
CHR4	7801477	CHR4:7801477	SSF x Near_LoA	-9,74206258	-0,025	0,305
CHR4	7801519	CHR4:7801519	SSF x Near_LoA	-8,14114923	0,051	0,302
CHR4	7801535	CHR4:7801535	SSF x Near_LoA	-9,40526343	-0,002	0,307
CHR4	7801548	CHR4:7801548	SSF x Near_LoA	-10,6167038	-0,015	0,307
CHR4	780691	CHR4:780691	SSF x Near_LoA	-7,6474835	-0,087	0,312
CHR4	780724	CHR4:780724	SSF x Near_LoA	-10,2628261	-0,059	0,299
CHR4	780726	CHR4:780726	SSF x Near_LoA	-10,6296048	0,096	0,308
CHR4	780910	CHR4:780910	SSF x Near_LoA	-10,4424526	-0,015	0,302

CHR4	780944	CHR4:780944	SSF x Near_LoA	-9,01610721	-0,087	0,317
CHR4	780984	CHR4:780984	SSF x Near_LoA	-9,071559	0,070	0,307
CHR4	781030	CHR4:781030	SSF x Near_LoA	-11,8905347	-0,011	0,284
CHR4	7813328	CHR4:7813328	SSF x Near_LoA	-9,14138093	0,034	0,314
CHR4	7813335	CHR4:7813335	SSF x Near_LoA	-9,41877578	0,051	0,315
CHR4	7813384	CHR4:7813384	SSF x Near_LoA	-10,6992012	-0,007	0,300
CHR4	7813394	CHR4:7813394	SSF x Near_LoA	-8,55955231	-0,108	0,306
CHR4	7813401	CHR4:7813401	SSF x Near_LoA	-6,81339629	0,225	0,302
CHR4	7813436	CHR4:7813436	SSF x Near_LoA	-9,71766932	-0,036	0,288
CHR4	7813511	CHR4:7813511	SSF x Near_LoA	-9,43983325	-0,007	0,305
CHR4	7813564	CHR4:7813564	SSF x Near_LoA	-7,99940262	0,050	0,318
CHR4	7813577	CHR4:7813577	SSF x Near_LoA	-10,0901553	0,192	0,280
CHR4	7813593	CHR4:7813593	SSF x Near_LoA	-12,3768151	0,017	0,308
CHR4	7819575	CHR4:7819575	SSF x Near_LoA	-10,0130909	-0,110	0,310
CHR4	7819587	CHR4:7819587	SSF x Near_LoA	-10,565333	-0,022	0,317
CHR4	7819595	CHR4:7819595	SSF x Near_LoA	-8,7934187	0,069	0,305
CHR4	7819627	CHR4:7819627	SSF x Near_LoA	-8,13690581	-0,094	0,306
CHR4	7819682	CHR4:7819682	SSF x Near_LoA	-9,34179648	0,034	0,311
CHR4	7823233	CHR4:7823233	SSF x Near_LoA	-9,52259276	0,011	0,310
CHR4	7823246	CHR4:7823246	SSF x Near_LoA	-8,13709593	-0,065	0,316
CHR4	7823257	CHR4:7823257	SSF x Near_LoA	-10,0814607	-0,001	0,305
CHR4	7823321	CHR4:7823321	SSF x Near_LoA	-8,72385957	0,013	0,303
CHR4	7829241	CHR4:7829241	SSF x Near_LoA	-9,29766498	0,023	0,312
CHR4	7829751	CHR4:7829751	SSF x Near_LoA	-5,52407829	0,062	0,310
CHR4	7832349	CHR4:7832349	SSF x Near_LoA	-9,43362453	0,019	0,304
CHR4	783455	CHR4:783455	SSF x Near_LoA	-9,89867372	-0,047	0,311
CHR4	783530	CHR4:783530	SSF x Near_LoA	-9,61037837	-0,077	0,296
CHR4	783618	CHR4:783618	SSF x Near_LoA	-10,4890027	0,000	0,313
CHR4	7839031	CHR4:7839031	SSF x Near_LoA	-3,37143123	0,093	0,304
CHR4	7839044	CHR4:7839044	SSF x Near_LoA	-9,38790901	0,110	0,301
CHR4	7839045	CHR4:7839045	SSF x Near_LoA	-8,91687907	0,083	0,296
CHR4	7861292	CHR4:7861292	SSF x Near_LoA	-7,59856218	-0,096	0,310
CHR4	7861300	CHR4:7861300	SSF x Near_LoA	-11,2312474	-0,018	0,297
CHR4	7861347	CHR4:7861347	SSF x Near_LoA	-10,7824676	0,040	0,303
CHR4	7861938	CHR4:7861938	SSF x Near_LoA	-10,8337917	-0,021	0,304
CHR4	7874691	CHR4:7874691	SSF x Near_LoA	-8,78273294	-0,047	0,313
CHR4	7874757	CHR4:7874757	SSF x Near_LoA	-9,11478109	0,013	0,318
CHR4	7874858	CHR4:7874858	SSF x Near_LoA	-9,22925103	0,051	0,310
CHR4	7874925	CHR4:7874925	SSF x Near_LoA	-7,91025024	0,078	0,294
CHR4	7880442	CHR4:7880442	SSF x Near_LoA	-9,48982902	0,070	0,309
CHR4	7880569	CHR4:7880569	SSF x Near_LoA	-10,4912934	-0,085	0,319
CHR4	7880574	CHR4:7880574	SSF x Near_LoA	-9,91516905	-0,076	0,309
CHR4	7880575	CHR4:7880575	SSF x Near_LoA	-8,03613984	-0,041	0,309
CHR4	7880586	CHR4:7880586	SSF x Near_LoA	-8,78423019	-0,078	0,309
CHR4	7884620	CHR4:7884620	SSF x Near_LoA	-9,9851001	0,105	0,309
CHR4	7884665	CHR4:7884665	SSF x Near_LoA	-9,50892069	0,058	0,314
CHR4	7884736	CHR4:7884736	SSF x Near_LoA	-10,0886452	0,077	0,302
CHR4	7884756	CHR4:7884756	SSF x Near_LoA	-9,2037052	-0,092	0,313
CHR4	7884781	CHR4:7884781	SSF x Near_LoA	-8,91651517	0,002	0,321
CHR4	7884866	CHR4:7884866	SSF x Near_LoA	-12,017216	0,004	0,313
CHR4	7884903	CHR4:7884903	SSF x Near_LoA	-8,6949162	-0,052	0,321
CHR4	7887825	CHR4:7887825	SSF x Near_LoA	-4,83251823	-0,024	0,311
CHR4	7889684	CHR4:7889684	SSF x Near_LoA	-9,30522447	0,007	0,306

CHR4	7889705	CHR4:7889705	SSF x Near_LoA	-9,83042302	-0,007	0,305
CHR4	7889768	CHR4:7889768	SSF x Near_LoA	-8,7528555	0,049	0,311
CHR4	7889775	CHR4:7889775	SSF x Near_LoA	-8,72979456	0,066	0,307
CHR4	7912880	CHR4:7912880	SSF x Near_LoA	-10,5102177	0,059	0,319
CHR4	7916868	CHR4:7916868	SSF x Near_LoA	-9,04895086	-0,044	0,317
CHR4	7917010	CHR4:7917010	SSF x Near_LoA	-7,71431953	0,175	0,296
CHR4	7920305	CHR4:7920305	SSF x Near_LoA	-8,9297174	-0,006	0,298
CHR4	7920355	CHR4:7920355	SSF x Near_LoA	-8,59356441	-0,013	0,296
CHR4	7920363	CHR4:7920363	SSF x Near_LoA	-10,809952	0,010	0,317
CHR4	7920492	CHR4:7920492	SSF x Near_LoA	-8,34066036	0,032	0,317
CHR4	7920495	CHR4:7920495	SSF x Near_LoA	-7,68851102	0,069	0,327
CHR4	7920497	CHR4:7920497	SSF x Near_LoA	-8,00255462	-0,034	0,303
CHR4	7920499	CHR4:7920499	SSF x Near_LoA	-8,02780784	-0,007	0,309
CHR4	7920502	CHR4:7920502	SSF x Near_LoA	-7,91074553	0,070	0,304
CHR4	7920515	CHR4:7920515	SSF x Near_LoA	-10,2209423	-0,074	0,311
CHR4	7927038	CHR4:7927038	SSF x Near_LoA	-8,06725641	-0,148	0,298
CHR4	7927180	CHR4:7927180	SSF x Near_LoA	-4,0145847	0,205	0,275
CHR4	7927190	CHR4:7927190	SSF x Near_LoA	-3,84252218	-0,165	0,302
CHR4	7927217	CHR4:7927217	SSF x Near_LoA	-5,87729734	0,137	0,286
CHR4	7927288	CHR4:7927288	SSF x Near_LoA	-8,63571492	-0,066	0,315
CHR4	7952697	CHR4:7952697	SSF x Near_LoA	-5,66287101	-0,061	0,296
CHR4	7952770	CHR4:7952770	SSF x Near_LoA	-10,4509167	-0,075	0,318
CHR4	7952894	CHR4:7952894	SSF x Near_LoA	-7,25123168	0,129	0,303
CHR4	7970105	CHR4:7970105	SSF x Near_LoA	-10,4396756	-0,009	0,311
CHR4	7970199	CHR4:7970199	SSF x Near_LoA	-5,23586665	0,004	0,301
CHR4	7970254	CHR4:7970254	SSF x Near_LoA	-8,41558724	-0,006	0,311
CHR4	7973755	CHR4:7973755	SSF x Near_LoA	-6,18244582	-0,003	0,309
CHR4	7973758	CHR4:7973758	SSF x Near_LoA	-9,39455874	-0,045	0,314
CHR4	7980526	CHR4:7980526	SSF x Near_LoA	-11,0826437	-0,067	0,295
CHR4	7980603	CHR4:7980603	SSF x Near_LoA	-9,82936495	-0,111	0,300
CHR4	7982081	CHR4:7982081	SSF x Near_LoA	-7,63316818	0,102	0,308
CHR4	7995043	CHR4:7995043	SSF x Near_LoA	-6,62444078	-0,046	0,307
CHR4	8003445	CHR4:8003445	SSF x Near_LoA	-10,2469272	-0,006	0,315
CHR4	8006503	CHR4:8006503	SSF x Near_LoA	-9,94879876	-0,117	0,296
CHR4	8015307	CHR4:8015307	SSF x Near_LoA	-11,0618442	0,004	0,309
CHR4	8015445	CHR4:8015445	SSF x Near_LoA	-10,2364785	-0,011	0,305
CHR4	8017523	CHR4:8017523	SSF x Near_LoA	-10,0623528	0,043	0,311
CHR4	8023782	CHR4:8023782	SSF x Near_LoA	-9,1991092	0,007	0,309
CHR4	8025764	CHR4:8025764	SSF x Near_LoA	-11,8676756	0,022	0,308
CHR4	8033508	CHR4:8033508	SSF x Near_LoA	-7,51032895	0,021	0,324
CHR4	8051991	CHR4:8051991	SSF x Near_LoA	-6,67688655	0,247	0,295
CHR4	8052028	CHR4:8052028	SSF x Near_LoA	-9,32010084	-0,112	0,304
CHR4	8052103	CHR4:8052103	SSF x Near_LoA	-6,83989292	0,247	0,294
CHR4	8054325	CHR4:8054325	SSF x Near_LoA	1,60431816	-0,060	0,315
CHR4	8054366	CHR4:8054366	SSF x Near_LoA	-8,32628532	-0,061	0,311
CHR4	8054402	CHR4:8054402	SSF x Near_LoA	-9,12048575	-0,072	0,305
CHR4	8054433	CHR4:8054433	SSF x Near_LoA	-6,97277699	-0,039	0,303
CHR4	8054550	CHR4:8054550	SSF x Near_LoA	-10,0494473	0,056	0,319
CHR4	805661	CHR4:805661	SSF x Near_LoA	-10,0926868	-0,040	0,322
CHR4	805675	CHR4:805675	SSF x Near_LoA	-8,82449457	-0,116	0,324
CHR4	8060914	CHR4:8060914	SSF x Near_LoA	-12,0255142	-0,012	0,315
CHR4	8060927	CHR4:8060927	SSF x Near_LoA	-9,05891532	0,057	0,312
CHR4	8060978	CHR4:8060978	SSF x Near_LoA	-7,48343381	0,032	0,317

CHR4	8061005	CHR4:8061005	SSF x Near_LoA	-9,59317043	0,082	0,300
CHR4	8061011	CHR4:8061011	SSF x Near_LoA	-10,3335595	-0,051	0,307
CHR4	8063039	CHR4:8063039	SSF x Near_LoA	-7,95205056	0,009	0,307
CHR4	8075086	CHR4:8075086	SSF x Near_LoA	10,7066086	-0,123	0,307
CHR4	8075102	CHR4:8075102	SSF x Near_LoA	-9,31266179	-0,100	0,305
CHR4	8075107	CHR4:8075107	SSF x Near_LoA	-5,79455973	-0,026	0,305
CHR4	8075123	CHR4:8075123	SSF x Near_LoA	-6,98876503	0,174	0,296
CHR4	8075126	CHR4:8075126	SSF x Near_LoA	-8,45895994	-0,086	0,306
CHR4	8075138	CHR4:8075138	SSF x Near_LoA	-7,99644164	-0,116	0,304
CHR4	8075197	CHR4:8075197	SSF x Near_LoA	-2,27748823	-0,174	0,312
CHR4	8075214	CHR4:8075214	SSF x Near_LoA	-9,19720092	-0,060	0,314
CHR4	8075258	CHR4:8075258	SSF x Near_LoA	-10,282977	-0,111	0,295
CHR4	8075270	CHR4:8075270	SSF x Near_LoA	-6,65859247	-0,133	0,316
CHR4	8075360	CHR4:8075360	SSF x Near_LoA	-9,14829696	-0,064	0,312
CHR4	8081007	CHR4:8081007	SSF x Near_LoA	-10,929238	-0,001	0,311
CHR4	8087051	CHR4:8087051	SSF x Near_LoA	-9,97438533	-0,046	0,311
CHR4	8087054	CHR4:8087054	SSF x Near_LoA	-8,81872514	-0,096	0,308
CHR4	8087067	CHR4:8087067	SSF x Near_LoA	-10,7029392	-0,115	0,306
CHR4	8087068	CHR4:8087068	SSF x Near_LoA	-10,1489298	-0,082	0,309
CHR4	8087073	CHR4:8087073	SSF x Near_LoA	-9,97511042	-0,144	0,302
CHR4	8087104	CHR4:8087104	SSF x Near_LoA	-9,97185697	-0,109	0,314
CHR4	8087106	CHR4:8087106	SSF x Near_LoA	-9,72059687	-0,070	0,291
CHR4	8087113	CHR4:8087113	SSF x Near_LoA	-9,71494409	-0,075	0,313
CHR4	8087122	CHR4:8087122	SSF x Near_LoA	-7,10150837	-0,096	0,315
CHR4	8087131	CHR4:8087131	SSF x Near_LoA	-9,18329149	-0,086	0,309
CHR4	8087132	CHR4:8087132	SSF x Near_LoA	-8,83492737	-0,106	0,310
CHR4	8087134	CHR4:8087134	SSF x Near_LoA	-9,15004614	-0,098	0,317
CHR4	8087143	CHR4:8087143	SSF x Near_LoA	-7,19178475	-0,104	0,310
CHR4	8087149	CHR4:8087149	SSF x Near_LoA	-10,6330133	-0,063	0,310
CHR4	8087150	CHR4:8087150	SSF x Near_LoA	-9,78564119	-0,084	0,316
CHR4	8087155	CHR4:8087155	SSF x Near_LoA	-9,58114771	-0,094	0,306
CHR4	8087180	CHR4:8087180	SSF x Near_LoA	-10,6443725	-0,110	0,301
CHR4	8128139	CHR4:8128139	SSF x Near_LoA	-10,0061648	-0,052	0,305
CHR4	8135321	CHR4:8135321	SSF x Near_LoA	-8,82938926	0,002	0,311
CHR4	8135388	CHR4:8135388	SSF x Near_LoA	-11,0801975	0,074	0,304
CHR4	8135444	CHR4:8135444	SSF x Near_LoA	-8,95283968	0,027	0,321
CHR4	8135454	CHR4:8135454	SSF x Near_LoA	-8,71254819	0,029	0,315
CHR4	8135495	CHR4:8135495	SSF x Near_LoA	-12,0983922	0,083	0,294
CHR4	813897	CHR4:813897	SSF x Near_LoA	-2,44728385	-0,150	0,299
CHR4	8140450	CHR4:8140450	SSF x Near_LoA	-9,29508452	0,016	0,311
CHR4	8140546	CHR4:8140546	SSF x Near_LoA	-9,48830935	-0,109	0,320
CHR4	8140599	CHR4:8140599	SSF x Near_LoA	-9,37288373	0,062	0,306
CHR4	8141499	CHR4:8141499	SSF x Near_LoA	-9,89268019	0,051	0,307
CHR4	8141514	CHR4:8141514	SSF x Near_LoA	-4,24227356	0,158	0,297
CHR4	8141516	CHR4:8141516	SSF x Near_LoA	-8,34734265	0,170	0,288
CHR4	8141522	CHR4:8141522	SSF x Near_LoA	-5,90942405	0,149	0,297
CHR4	8141530	CHR4:8141530	SSF x Near_LoA	-9,16088459	-0,049	0,302
CHR4	8141537	CHR4:8141537	SSF x Near_LoA	-3,61122547	0,056	0,294
CHR4	8141547	CHR4:8141547	SSF x Near_LoA	-8,7707829	0,015	0,303
CHR4	8141550	CHR4:8141550	SSF x Near_LoA	-9,43894781	0,049	0,324
CHR4	8141573	CHR4:8141573	SSF x Near_LoA	-9,77371011	0,075	0,301
CHR4	8141582	CHR4:8141582	SSF x Near_LoA	-8,35306443	-0,116	0,303
CHR4	8141584	CHR4:8141584	SSF x Near_LoA	-8,30108013	-0,064	0,313

CHR4	8141624	CHR4:8141624	SSF x Near_LoA	-9,60450959	-0,046	0,311
CHR4	8141640	CHR4:8141640	SSF x Near_LoA	-10,3966208	0,071	0,303
CHR4	8141651	CHR4:8141651	SSF x Near_LoA	-10,4975422	0,041	0,318
CHR4	8141692	CHR4:8141692	SSF x Near_LoA	-9,23578651	0,052	0,297
CHR4	8141709	CHR4:8141709	SSF x Near_LoA	-0,7654181	-0,057	0,329
CHR4	8141728	CHR4:8141728	SSF x Near_LoA	-7,00745305	0,099	0,308
CHR4	8141746	CHR4:8141746	SSF x Near_LoA	-8,89479124	0,098	0,296
CHR4	8151159	CHR4:8151159	SSF x Near_LoA	-9,08380192	0,167	0,313
CHR4	8151261	CHR4:8151261	SSF x Near_LoA	-8,73241509	0,044	0,315
CHR4	8151262	CHR4:8151262	SSF x Near_LoA	-9,67654669	0,047	0,315
CHR4	8151300	CHR4:8151300	SSF x Near_LoA	-8,8396837	0,027	0,305
CHR4	8151349	CHR4:8151349	SSF x Near_LoA	-8,70626982	0,025	0,307
CHR4	8151350	CHR4:8151350	SSF x Near_LoA	-6,61589302	0,033	0,300
CHR4	8151377	CHR4:8151377	SSF x Near_LoA	-11,0662705	-0,050	0,305
CHR4	8151417	CHR4:8151417	SSF x Near_LoA	-8,26620043	-0,070	0,317
CHR4	8158068	CHR4:8158068	SSF x Near_LoA	-10,8027359	0,102	0,317
CHR4	8165069	CHR4:8165069	SSF x Near_LoA	-10,6364311	-0,025	0,308
CHR4	8165103	CHR4:8165103	SSF x Near_LoA	-8,44122245	-0,058	0,308
CHR4	8165109	CHR4:8165109	SSF x Near_LoA	-8,43540852	-0,013	0,319
CHR4	8165142	CHR4:8165142	SSF x Near_LoA	-7,36703692	0,186	0,283
CHR4	8165957	CHR4:8165957	SSF x Near_LoA	-9,23055411	-0,081	0,303
CHR4	8165973	CHR4:8165973	SSF x Near_LoA	-8,96337856	-0,012	0,306
CHR4	8166030	CHR4:8166030	SSF x Near_LoA	-8,76012034	-0,073	0,310
CHR4	8166053	CHR4:8166053	SSF x Near_LoA	-10,2407167	0,030	0,313
CHR4	8166067	CHR4:8166067	SSF x Near_LoA	-11,0452529	-0,004	0,312
CHR4	8166100	CHR4:8166100	SSF x Near_LoA	-8,09555099	-0,011	0,307
CHR4	8166111	CHR4:8166111	SSF x Near_LoA	-10,9975413	-0,055	0,302
CHR4	8166189	CHR4:8166189	SSF x Near_LoA	-8,71272215	-0,058	0,310
CHR4	8166244	CHR4:8166244	SSF x Near_LoA	-11,6781718	-0,021	0,306
CHR4	817581	CHR4:817581	SSF x Near_LoA	-8,21675046	-0,060	0,316
CHR4	822452	CHR4:822452	SSF x Near_LoA	-11,2302708	-0,056	0,318
CHR4	8233022	CHR4:8233022	SSF x Near_LoA	-9,88819865	-0,062	0,319
CHR4	8243506	CHR4:8243506	SSF x Near_LoA	-9,81358594	-0,084	0,325
CHR4	8250832	CHR4:8250832	SSF x Near_LoA	-7,38451682	-0,072	0,306
CHR4	8250845	CHR4:8250845	SSF x Near_LoA	-5,43474705	-0,097	0,320
CHR4	8250924	CHR4:8250924	SSF x Near_LoA	-10,7466521	-0,101	0,318
CHR4	8251013	CHR4:8251013	SSF x Near_LoA	-6,75598353	0,056	0,311
CHR4	8262413	CHR4:8262413	SSF x Near_LoA	-9,99467147	0,044	0,311
CHR4	827907	CHR4:827907	SSF x Near_LoA	-6,72861942	-0,027	0,302
CHR4	827934	CHR4:827934	SSF x Near_LoA	-9,11747025	-0,047	0,291
CHR4	827947	CHR4:827947	SSF x Near_LoA	-9,60939598	-0,053	0,286
CHR4	827949	CHR4:827949	SSF x Near_LoA	-9,6392738	-0,010	0,312
CHR4	8293311	CHR4:8293311	SSF x Near_LoA	-10,7535666	-0,004	0,312
CHR4	8309989	CHR4:8309989	SSF x Near_LoA	-7,32717068	-0,076	0,307
CHR4	8316347	CHR4:8316347	SSF x Near_LoA	-11,4880979	0,061	0,311
CHR4	8316924	CHR4:8316924	SSF x Near_LoA	-11,0952483	-0,018	0,306
CHR4	8357130	CHR4:8357130	SSF x Near_LoA	-6,40293468	0,146	0,310
CHR4	8357159	CHR4:8357159	SSF x Near_LoA	-8,8425138	-0,085	0,306
CHR4	8360110	CHR4:8360110	SSF x Near_LoA	-8,43103755	-0,042	0,326
CHR4	8360113	CHR4:8360113	SSF x Near_LoA	-8,72273044	-0,101	0,302
CHR4	8378278	CHR4:8378278	SSF x Near_LoA	-11,8283115	-0,047	0,310
CHR4	8391062	CHR4:8391062	SSF x Near_LoA	-11,0567726	-0,139	0,295
CHR4	8397648	CHR4:8397648	SSF x Near_LoA	-11,2894554	-0,008	0,310

CHR4	8401957	CHR4:8401957	SSF x Near_LoA	-11,905513	-0,002	0,307
CHR4	8402185	CHR4:8402185	SSF x Near_LoA	-8,00040057	0,059	0,297
CHR4	8404612	CHR4:8404612	SSF x Near_LoA	-9,37532694	0,111	0,288
CHR4	8404615	CHR4:8404615	SSF x Near_LoA	-8,23353328	0,048	0,304
CHR4	8404617	CHR4:8404617	SSF x Near_LoA	-8,35673986	0,039	0,312
CHR4	8408020	CHR4:8408020	SSF x Near_LoA	-9,16230945	-0,015	0,321
CHR4	8408060	CHR4:8408060	SSF x Near_LoA	-8,97554664	-0,070	0,286
CHR4	8408126	CHR4:8408126	SSF x Near_LoA	-8,31769392	-0,010	0,315
CHR4	8408128	CHR4:8408128	SSF x Near_LoA	-4,66586221	0,003	0,321
CHR4	8408150	CHR4:8408150	SSF x Near_LoA	-9,75866972	0,089	0,311
CHR4	8408222	CHR4:8408222	SSF x Near_LoA	-7,30078854	0,090	0,309
CHR4	8412728	CHR4:8412728	SSF x Near_LoA	-9,92526881	-0,025	0,318
CHR4	8412734	CHR4:8412734	SSF x Near_LoA	-8,24110992	-0,097	0,290
CHR4	8415585	CHR4:8415585	SSF x Near_LoA	-8,27744206	0,019	0,309
CHR4	8415596	CHR4:8415596	SSF x Near_LoA	-10,0609071	-0,052	0,307
CHR4	8415876	CHR4:8415876	SSF x Near_LoA	-9,21129877	0,050	0,317
CHR4	8415883	CHR4:8415883	SSF x Near_LoA	-9,00912752	0,024	0,325
CHR4	8415903	CHR4:8415903	SSF x Near_LoA	-2,87522659	-0,187	0,302
CHR4	8415948	CHR4:8415948	SSF x Near_LoA	-9,48045514	0,006	0,301
CHR4	8418592	CHR4:8418592	SSF x Near_LoA	-7,45022565	-0,025	0,323
CHR4	8418745	CHR4:8418745	SSF x Near_LoA	-9,40620517	-0,016	0,308
CHR4	8420992	CHR4:8420992	SSF x Near_LoA	-8,38859907	0,090	0,325
CHR4	8421051	CHR4:8421051	SSF x Near_LoA	-9,97712269	0,044	0,306
CHR4	8426756	CHR4:8426756	SSF x Near_LoA	-10,0751963	-0,042	0,315
CHR4	8426807	CHR4:8426807	SSF x Near_LoA	-11,1341142	-0,112	0,291
CHR4	8426818	CHR4:8426818	SSF x Near_LoA	-9,64628039	-0,021	0,303
CHR4	8426929	CHR4:8426929	SSF x Near_LoA	-9,37281493	-0,057	0,306
CHR4	8436159	CHR4:8436159	SSF x Near_LoA	-10,2566713	0,015	0,299
CHR4	8436348	CHR4:8436348	SSF x Near_LoA	-9,5080681	-0,062	0,299
CHR4	8449051	CHR4:8449051	SSF x Near_LoA	-9,87047366	-0,091	0,311
CHR4	8451744	CHR4:8451744	SSF x Near_LoA	-8,63703065	-0,079	0,307
CHR4	8453354	CHR4:8453354	SSF x Near_LoA	-10,2909877	0,081	0,307
CHR4	8453405	CHR4:8453405	SSF x Near_LoA	-11,3347637	-0,063	0,320
CHR4	8453415	CHR4:8453415	SSF x Near_LoA	-10,9180024	-0,035	0,315
CHR4	8475935	CHR4:8475935	SSF x Near_LoA	-8,59174116	0,036	0,308
CHR4	8475939	CHR4:8475939	SSF x Near_LoA	-9,21065994	0,001	0,299
CHR4	8476126	CHR4:8476126	SSF x Near_LoA	-10,8235473	-0,020	0,316
CHR4	8476160	CHR4:8476160	SSF x Near_LoA	-9,50394016	-0,045	0,321
CHR4	8476210	CHR4:8476210	SSF x Near_LoA	-9,78574017	-0,007	0,309
CHR4	8491148	CHR4:8491148	SSF x Near_LoA	-8,05714925	0,037	0,306
CHR4	8492546	CHR4:8492546	SSF x Near_LoA	-5,9227863	-0,088	0,312
CHR4	8496856	CHR4:8496856	SSF x Near_LoA	-7,48558281	-0,084	0,314
CHR4	8537316	CHR4:8537316	SSF x Near_LoA	-8,24968371	0,067	0,310
CHR4	8537328	CHR4:8537328	SSF x Near_LoA	-11,7537048	0,014	0,302
CHR4	8537377	CHR4:8537377	SSF x Near_LoA	-9,51414323	-0,076	0,310
CHR4	8539833	CHR4:8539833	SSF x Near_LoA	-9,86749962	0,000	0,314
CHR4	8539881	CHR4:8539881	SSF x Near_LoA	-9,22635004	-0,009	0,324
CHR4	8539906	CHR4:8539906	SSF x Near_LoA	-9,28008707	-0,081	0,302
CHR4	8539914	CHR4:8539914	SSF x Near_LoA	-8,05077264	-0,104	0,312
CHR4	8541272	CHR4:8541272	SSF x Near_LoA	-8,82552395	0,093	0,305
CHR4	8550962	CHR4:8550962	SSF x Near_LoA	-11,3109251	0,008	0,319
CHR4	8551071	CHR4:8551071	SSF x Near_LoA	-9,66807825	0,009	0,302
CHR4	8551087	CHR4:8551087	SSF x Near_LoA	-10,0727283	0,013	0,302

CHR4	8551127	CHR4:8551127	SSF x Near_LoA	-10,8394901	-0,023	0,309
CHR4	8551171	CHR4:8551171	SSF x Near_LoA	-10,1282641	-0,002	0,309
CHR4	8559915	CHR4:8559915	SSF x Near_LoA	-10,7150254	-0,001	0,303
CHR4	8559952	CHR4:8559952	SSF x Near_LoA	-6,7692625	-0,007	0,313
CHR4	8563529	CHR4:8563529	SSF x Near_LoA	-9,15193053	0,011	0,310
CHR4	8569019	CHR4:8569019	SSF x Near_LoA	-8,1121101	0,045	0,313
CHR4	8569040	CHR4:8569040	SSF x Near_LoA	-10,2220011	-0,091	0,319
CHR4	8569041	CHR4:8569041	SSF x Near_LoA	-10,2500115	0,015	0,304
CHR4	8569111	CHR4:8569111	SSF x Near_LoA	-8,85609914	-0,092	0,305
CHR4	8569160	CHR4:8569160	SSF x Near_LoA	-6,57713485	0,194	0,296
CHR4	8569185	CHR4:8569185	SSF x Near_LoA	-9,41706525	-0,005	0,296
CHR4	8569210	CHR4:8569210	SSF x Near_LoA	-7,95074435	0,174	0,308
CHR4	8569224	CHR4:8569224	SSF x Near_LoA	-6,73848029	-0,144	0,302
CHR4	8569231	CHR4:8569231	SSF x Near_LoA	-6,33132089	0,166	0,289
CHR4	8569276	CHR4:8569276	SSF x Near_LoA	-10,6252013	-0,021	0,297
CHR4	8569352	CHR4:8569352	SSF x Near_LoA	-11,0975174	-0,035	0,310
CHR4	8580531	CHR4:8580531	SSF x Near_LoA	-9,69639938	0,025	0,298
CHR4	8580539	CHR4:8580539	SSF x Near_LoA	-7,35246285	0,093	0,309
CHR4	8580567	CHR4:8580567	SSF x Near_LoA	-11,0650589	0,061	0,299
CHR4	8580593	CHR4:8580593	SSF x Near_LoA	-6,66213146	0,057	0,311
CHR4	8585392	CHR4:8585392	SSF x Near_LoA	-5,77423653	-0,045	0,307
CHR4	8585393	CHR4:8585393	SSF x Near_LoA	-9,50733183	-0,071	0,308
CHR4	8585407	CHR4:8585407	SSF x Near_LoA	-9,18537136	0,037	0,312
CHR4	8585429	CHR4:8585429	SSF x Near_LoA	-7,17266326	0,004	0,311
CHR4	8589829	CHR4:8589829	SSF x Near_LoA	-8,73228364	0,030	0,306
CHR4	8589832	CHR4:8589832	SSF x Near_LoA	-7,01237547	0,030	0,293
CHR4	8589935	CHR4:8589935	SSF x Near_LoA	-7,30654841	0,039	0,308
CHR4	8589974	CHR4:8589974	SSF x Near_LoA	-11,1639482	0,006	0,311
CHR4	8589996	CHR4:8589996	SSF x Near_LoA	-8,02484732	-0,099	0,294
CHR4	8589997	CHR4:8589997	SSF x Near_LoA	-10,2574647	-0,085	0,309
CHR4	8590023	CHR4:8590023	SSF x Near_LoA	-6,43321184	-0,074	0,295
CHR4	8590025	CHR4:8590025	SSF x Near_LoA	-11,788478	-0,061	0,302
CHR4	8590040	CHR4:8590040	SSF x Near_LoA	-8,55945179	0,006	0,308
CHR4	8597764	CHR4:8597764	SSF x Near_LoA	-8,42744028	0,093	0,288
CHR4	8597795	CHR4:8597795	SSF x Near_LoA	-11,6646265	0,024	0,299
CHR4	8600475	CHR4:8600475	SSF x Near_LoA	-9,09343153	-0,033	0,314
CHR4	8600541	CHR4:8600541	SSF x Near_LoA	-10,7352866	-0,024	0,318
CHR4	8600595	CHR4:8600595	SSF x Near_LoA	-8,78977619	-0,055	0,313
CHR4	8600596	CHR4:8600596	SSF x Near_LoA	-8,51584909	-0,034	0,305
CHR4	8600699	CHR4:8600699	SSF x Near_LoA	-9,53893352	0,062	0,309
CHR4	8612847	CHR4:8612847	SSF x Near_LoA	-9,91150118	-0,004	0,297
CHR4	8613033	CHR4:8613033	SSF x Near_LoA	-10,6988234	-0,091	0,313
CHR4	8613038	CHR4:8613038	SSF x Near_LoA	-9,96926607	-0,047	0,295
CHR4	8613055	CHR4:8613055	SSF x Near_LoA	-7,89618187	-0,077	0,300
CHR4	8613117	CHR4:8613117	SSF x Near_LoA	-6,11930844	-0,142	0,302
CHR4	8613118	CHR4:8613118	SSF x Near_LoA	-9,3552592	-0,069	0,294
CHR4	8613134	CHR4:8613134	SSF x Near_LoA	-9,17964943	-0,023	0,299
CHR4	8628281	CHR4:8628281	SSF x Near_LoA	-10,9059757	-0,014	0,301
CHR4	8632741	CHR4:8632741	SSF x Near_LoA	-9,60546211	0,084	0,303
CHR4	8637179	CHR4:8637179	SSF x Near_LoA	-9,89977184	-0,100	0,303
CHR4	865338	CHR4:865338	SSF x Near_LoA	-9,31138289	-0,004	0,311
CHR4	8655586	CHR4:8655586	SSF x Near_LoA	-8,79344782	-0,017	0,307
CHR4	8666831	CHR4:8666831	SSF x Near_LoA	-11,5622622	0,013	0,302

CHR4	8674601	CHR4:8674601	SSF x Near_LoA	-8,86900395	0,001	0,309
CHR4	8674614	CHR4:8674614	SSF x Near_LoA	-8,40827438	-0,113	0,298
CHR4	8675982	CHR4:8675982	SSF x Near_LoA	-11,0476361	0,026	0,298
CHR4	8676081	CHR4:8676081	SSF x Near_LoA	-11,7621089	0,045	0,311
CHR4	868044	CHR4:868044	SSF x Near_LoA	-7,75470687	0,098	0,309
CHR4	8683218	CHR4:8683218	SSF x Near_LoA	-10,8160108	0,017	0,317
CHR4	8686321	CHR4:8686321	SSF x Near_LoA	-9,64349737	-0,097	0,307
CHR4	8686327	CHR4:8686327	SSF x Near_LoA	-7,66628228	0,077	0,312
CHR4	8686336	CHR4:8686336	SSF x Near_LoA	-8,40560545	0,090	0,310
CHR4	8686347	CHR4:8686347	SSF x Near_LoA	-7,89876193	0,094	0,300
CHR4	8686348	CHR4:8686348	SSF x Near_LoA	-11,9718951	0,019	0,297
CHR4	8691051	CHR4:8691051	SSF x Near_LoA	-9,15522628	0,135	0,281
CHR4	8691061	CHR4:8691061	SSF x Near_LoA	-10,0282621	0,055	0,309
CHR4	8691075	CHR4:8691075	SSF x Near_LoA	-6,20804506	0,096	0,311
CHR4	8691141	CHR4:8691141	SSF x Near_LoA	-7,28380496	0,105	0,310
CHR4	8691215	CHR4:8691215	SSF x Near_LoA	-7,25580501	-0,152	0,301
CHR4	869203	CHR4:869203	SSF x Near_LoA	-9,09994942	-0,059	0,311
CHR4	869207	CHR4:869207	SSF x Near_LoA	-8,44608371	0,108	0,308
CHR4	869222	CHR4:869222	SSF x Near_LoA	-10,5269828	0,007	0,313
CHR4	8699071	CHR4:8699071	SSF x Near_LoA	-10,3921481	0,011	0,305
CHR4	8699084	CHR4:8699084	SSF x Near_LoA	-10,6103603	-0,022	0,319
CHR4	8699096	CHR4:8699096	SSF x Near_LoA	-9,23900249	0,099	0,309
CHR4	8699116	CHR4:8699116	SSF x Near_LoA	-9,91003211	-0,007	0,308
CHR4	8699182	CHR4:8699182	SSF x Near_LoA	-9,05384081	0,111	0,304
CHR4	8699183	CHR4:8699183	SSF x Near_LoA	-8,09672678	0,030	0,311
CHR4	8699207	CHR4:8699207	SSF x Near_LoA	-7,70474885	-0,061	0,305
CHR4	8726308	CHR4:8726308	SSF x Near_LoA	-8,76931122	0,159	0,303
CHR4	8726376	CHR4:8726376	SSF x Near_LoA	-9,21062963	0,149	0,280
CHR4	8726379	CHR4:8726379	SSF x Near_LoA	-7,26752862	0,180	0,292
CHR4	8726403	CHR4:8726403	SSF x Near_LoA	-9,17656436	0,193	0,287
CHR4	8726404	CHR4:8726404	SSF x Near_LoA	-1,59035403	0,180	0,296
CHR4	8726427	CHR4:8726427	SSF x Near_LoA	-7,90198277	0,172	0,304
CHR4	8741323	CHR4:8741323	SSF x Near_LoA	-11,9733705	0,070	0,308
CHR4	8741324	CHR4:8741324	SSF x Near_LoA	-11,4743159	0,088	0,303
CHR4	8741632	CHR4:8741632	SSF x Near_LoA	-10,7901476	-0,018	0,321
CHR4	8757901	CHR4:8757901	SSF x Near_LoA	-11,1690483	-0,031	0,298
CHR4	8757947	CHR4:8757947	SSF x Near_LoA	-10,0821644	0,043	0,294
CHR4	8757966	CHR4:8757966	SSF x Near_LoA	-7,20190398	-0,012	0,301
CHR4	8757987	CHR4:8757987	SSF x Near_LoA	-8,19873072	0,068	0,318
CHR4	8758013	CHR4:8758013	SSF x Near_LoA	-10,4731307	0,010	0,310
CHR4	8761670	CHR4:8761670	SSF x Near_LoA	-8,97777004	0,053	0,310
CHR4	8761780	CHR4:8761780	SSF x Near_LoA	-9,87236585	-0,011	0,314
CHR4	876301	CHR4:876301	SSF x Near_LoA	-10,2361627	-0,004	0,320
CHR4	8765721	CHR4:8765721	SSF x Near_LoA	-9,16847946	-0,033	0,303
CHR4	8765897	CHR4:8765897	SSF x Near_LoA	-8,5615744	0,076	0,309
CHR4	8765915	CHR4:8765915	SSF x Near_LoA	-9,01041338	0,069	0,308
CHR4	8765947	CHR4:8765947	SSF x Near_LoA	-8,63473601	0,021	0,305
CHR4	8768735	CHR4:8768735	SSF x Near_LoA	-10,688091	-0,106	0,292
CHR4	8768763	CHR4:8768763	SSF x Near_LoA	-8,93352667	-0,012	0,299
CHR4	8768794	CHR4:8768794	SSF x Near_LoA	-8,04531779	0,052	0,305
CHR4	8768804	CHR4:8768804	SSF x Near_LoA	-10,5193591	-0,070	0,303
CHR4	8770830	CHR4:8770830	SSF x Near_LoA	-3,4071315	-0,044	0,309
CHR4	8770833	CHR4:8770833	SSF x Near_LoA	-10,9918543	-0,070	0,307

CHR4	8774818	CHR4:8774818	SSF x Near_LoA	-6,91137741	-0,069	0,311
CHR4	8774843	CHR4:8774843	SSF x Near_LoA	-6,47503562	-0,018	0,316
CHR4	8774900	CHR4:8774900	SSF x Near_LoA	-8,36770394	-0,140	0,276
CHR4	8774955	CHR4:8774955	SSF x Near_LoA	-7,4433614	-0,023	0,299
CHR4	8774956	CHR4:8774956	SSF x Near_LoA	-11,3939973	0,039	0,308
CHR4	8775017	CHR4:8775017	SSF x Near_LoA	-10,2059237	0,101	0,312
CHR4	8775031	CHR4:8775031	SSF x Near_LoA	-10,2790587	-0,041	0,318
CHR4	8775052	CHR4:8775052	SSF x Near_LoA	-9,04835375	0,084	0,311
CHR4	8775084	CHR4:8775084	SSF x Near_LoA	-8,9145103	0,144	0,311
CHR4	8775092	CHR4:8775092	SSF x Near_LoA	-7,19256283	0,066	0,293
CHR4	8775124	CHR4:8775124	SSF x Near_LoA	-6,4450668	0,131	0,300
CHR4	8776706	CHR4:8776706	SSF x Near_LoA	-9,40241675	0,075	0,305
CHR4	8788175	CHR4:8788175	SSF x Near_LoA	-10,294952	-0,051	0,308
CHR4	8788180	CHR4:8788180	SSF x Near_LoA	-9,07405256	0,080	0,302
CHR4	8788200	CHR4:8788200	SSF x Near_LoA	-11,4042504	0,049	0,284
CHR4	8788228	CHR4:8788228	SSF x Near_LoA	-10,7058511	-0,008	0,300
CHR4	8788408	CHR4:8788408	SSF x Near_LoA	-0,05215367	0,043	0,311
CHR4	8789320	CHR4:8789320	SSF x Near_LoA	-9,76726492	-0,067	0,301
CHR4	8789332	CHR4:8789332	SSF x Near_LoA	-9,49223986	0,020	0,308
CHR4	879455	CHR4:879455	SSF x Near_LoA	-8,76190288	-0,135	0,311
CHR4	879676	CHR4:879676	SSF x Near_LoA	-9,84588215	0,066	0,308
CHR4	8808679	CHR4:8808679	SSF x Near_LoA	-9,00507855	-0,106	0,306
CHR4	8808877	CHR4:8808877	SSF x Near_LoA	-10,655095	0,048	0,297
CHR4	8810404	CHR4:8810404	SSF x Near_LoA	-10,217889	0,121	0,296
CHR4	8810488	CHR4:8810488	SSF x Near_LoA	-9,60748673	0,124	0,313
CHR4	8811245	CHR4:8811245	SSF x Near_LoA	-11,0238172	0,084	0,307
CHR4	881382	CHR4:881382	SSF x Near_LoA	-8,34189129	-0,147	0,306
CHR4	8814668	CHR4:8814668	SSF x Near_LoA	-9,74528738	-0,029	0,304
CHR4	8814887	CHR4:8814887	SSF x Near_LoA	-8,1460467	-0,066	0,307
CHR4	8816759	CHR4:8816759	SSF x Near_LoA	-10,5804691	0,073	0,304
CHR4	881871	CHR4:881871	SSF x Near_LoA	-8,06478785	0,027	0,314
CHR4	8821219	CHR4:8821219	SSF x Near_LoA	-9,25526959	-0,166	0,314
CHR4	8821344	CHR4:8821344	SSF x Near_LoA	-10,1806774	0,019	0,309
CHR4	8821365	CHR4:8821365	SSF x Near_LoA	-9,23185338	-0,031	0,305
CHR4	8823736	CHR4:8823736	SSF x Near_LoA	-9,99283313	0,020	0,297
CHR4	8823803	CHR4:8823803	SSF x Near_LoA	-11,4236032	0,001	0,296
CHR4	8832645	CHR4:8832645	SSF x Near_LoA	-9,75319081	0,011	0,307
CHR4	8835865	CHR4:8835865	SSF x Near_LoA	-9,39029437	0,019	0,321
CHR4	8835911	CHR4:8835911	SSF x Near_LoA	-7,48899015	-0,003	0,309
CHR4	8836358	CHR4:8836358	SSF x Near_LoA	-8,59189987	0,120	0,306
CHR4	8836368	CHR4:8836368	SSF x Near_LoA	-11,5069395	0,012	0,305
CHR4	8836374	CHR4:8836374	SSF x Near_LoA	-7,44257919	-0,080	0,311
CHR4	8836377	CHR4:8836377	SSF x Near_LoA	-10,5678989	-0,042	0,316
CHR4	8836382	CHR4:8836382	SSF x Near_LoA	-9,43268053	0,070	0,295
CHR4	8840312	CHR4:8840312	SSF x Near_LoA	-10,8372628	-0,079	0,301
CHR4	8840333	CHR4:8840333	SSF x Near_LoA	-11,5000983	-0,064	0,305
CHR4	8846487	CHR4:8846487	SSF x Near_LoA	-9,68394229	0,130	0,297
CHR4	8846960	CHR4:8846960	SSF x Near_LoA	-7,71966823	-0,044	0,315
CHR4	8846990	CHR4:8846990	SSF x Near_LoA	-10,0456368	0,085	0,308
CHR4	8847017	CHR4:8847017	SSF x Near_LoA	-10,2377505	-0,131	0,305
CHR4	8847052	CHR4:8847052	SSF x Near_LoA	-10,4833529	-0,033	0,300
CHR4	8847080	CHR4:8847080	SSF x Near_LoA	-10,1709668	-0,134	0,301
CHR4	884786	CHR4:884786	SSF x Near_LoA	-9,14202654	0,056	0,306

CHR4	884789	CHR4:884789	SSF x Near_LoA	-9,24606947	0,035	0,308
CHR4	884790	CHR4:884790	SSF x Near_LoA	-5,43444633	0,051	0,312
CHR4	8849867	CHR4:8849867	SSF x Near_LoA	-11,8792645	-0,028	0,305
CHR4	8849884	CHR4:8849884	SSF x Near_LoA	-11,5473486	0,005	0,303
CHR4	8849925	CHR4:8849925	SSF x Near_LoA	-8,83543954	0,055	0,296
CHR4	8850535	CHR4:8850535	SSF x Near_LoA	-6,61355121	-0,132	0,301
CHR4	8857593	CHR4:8857593	SSF x Near_LoA	-10,3928985	-0,050	0,321
CHR4	8858296	CHR4:8858296	SSF x Near_LoA	-10,9062255	0,013	0,315
CHR4	8858635	CHR4:8858635	SSF x Near_LoA	-8,72770992	-0,023	0,301
CHR4	8858637	CHR4:8858637	SSF x Near_LoA	-9,12842094	0,017	0,320
CHR4	8865612	CHR4:8865612	SSF x Near_LoA	-10,8361712	0,016	0,308
CHR4	8868761	CHR4:8868761	SSF x Near_LoA	-7,71585468	0,114	0,323
CHR4	8868782	CHR4:8868782	SSF x Near_LoA	-8,45040804	0,005	0,310
CHR4	8868783	CHR4:8868783	SSF x Near_LoA	-7,80101861	-0,126	0,312
CHR4	8868821	CHR4:8868821	SSF x Near_LoA	-10,7039245	-0,012	0,308
CHR4	8868826	CHR4:8868826	SSF x Near_LoA	-10,6434296	0,033	0,309
CHR4	8868829	CHR4:8868829	SSF x Near_LoA	-7,83238353	0,003	0,320
CHR4	8868916	CHR4:8868916	SSF x Near_LoA	-6,41248048	0,039	0,328
CHR4	8868951	CHR4:8868951	SSF x Near_LoA	-4,28775103	-0,114	0,302
CHR4	8868955	CHR4:8868955	SSF x Near_LoA	-9,65722643	-0,094	0,322
CHR4	8868961	CHR4:8868961	SSF x Near_LoA	-8,8620402	0,022	0,309
CHR4	8868971	CHR4:8868971	SSF x Near_LoA	-11,4015589	0,021	0,302
CHR4	8869001	CHR4:8869001	SSF x Near_LoA	-6,27809401	0,154	0,294
CHR4	8869005	CHR4:8869005	SSF x Near_LoA	-10,9510021	-0,097	0,307
CHR4	8869018	CHR4:8869018	SSF x Near_LoA	-9,49647736	0,028	0,302
CHR4	8869028	CHR4:8869028	SSF x Near_LoA	-8,25424538	0,141	0,296
CHR4	8874467	CHR4:8874467	SSF x Near_LoA	-6,78551848	0,165	0,302
CHR4	8874480	CHR4:8874480	SSF x Near_LoA	-8,8706558	0,092	0,308
CHR4	8874532	CHR4:8874532	SSF x Near_LoA	-11,3482715	0,020	0,319
CHR4	8874563	CHR4:8874563	SSF x Near_LoA	-9,87350689	0,097	0,321
CHR4	8877301	CHR4:8877301	SSF x Near_LoA	-7,82972002	-0,007	0,305
CHR4	8877313	CHR4:8877313	SSF x Near_LoA	-8,25476851	0,028	0,312
CHR4	8877349	CHR4:8877349	SSF x Near_LoA	-8,21595855	-0,017	0,310
CHR4	8877376	CHR4:8877376	SSF x Near_LoA	-10,0821814	-0,036	0,307
CHR4	8880442	CHR4:8880442	SSF x Near_LoA	-11,9000383	-0,046	0,315
CHR4	8882864	CHR4:8882864	SSF x Near_LoA	-11,1034675	-0,122	0,293
CHR4	8882866	CHR4:8882866	SSF x Near_LoA	-3,27154859	0,149	0,302
CHR4	8882917	CHR4:8882917	SSF x Near_LoA	-11,0399012	-0,102	0,306
CHR4	8882935	CHR4:8882935	SSF x Near_LoA	-10,2295899	-0,070	0,326
CHR4	8882970	CHR4:8882970	SSF x Near_LoA	-8,75132871	0,072	0,308
CHR4	8882993	CHR4:8882993	SSF x Near_LoA	-6,74691138	0,088	0,310
CHR4	8883028	CHR4:8883028	SSF x Near_LoA	-10,7722957	-0,041	0,301
CHR4	8883145	CHR4:8883145	SSF x Near_LoA	-10,0109602	-0,058	0,304
CHR4	8883174	CHR4:8883174	SSF x Near_LoA	-10,7783729	0,090	0,292
CHR4	8896891	CHR4:8896891	SSF x Near_LoA	-8,99765113	-0,077	0,306
CHR4	8897079	CHR4:8897079	SSF x Near_LoA	-8,84844209	0,055	0,311
CHR4	8897105	CHR4:8897105	SSF x Near_LoA	-8,14085535	-0,029	0,320
CHR4	8897145	CHR4:8897145	SSF x Near_LoA	-6,70360467	-0,127	0,296
CHR4	8924490	CHR4:8924490	SSF x Near_LoA	-8,71175412	0,025	0,309
CHR4	8924570	CHR4:8924570	SSF x Near_LoA	-5,07791916	0,135	0,311
CHR4	8924647	CHR4:8924647	SSF x Near_LoA	-10,2266281	-0,059	0,300
CHR4	8926016	CHR4:8926016	SSF x Near_LoA	-9,54637929	0,001	0,306
CHR4	8926068	CHR4:8926068	SSF x Near_LoA	-9,62659099	-0,089	0,294

CHR4	8926580	CHR4:8926580	SSF x Near_LoA	-8,16915668	-0,143	0,301
CHR4	8941790	CHR4:8941790	SSF x Near_LoA	-9,57491647	0,073	0,308
CHR4	8941819	CHR4:8941819	SSF x Near_LoA	-7,43357972	-0,029	0,297
CHR4	8941895	CHR4:8941895	SSF x Near_LoA	-10,2711325	-0,140	0,285
CHR4	8941908	CHR4:8941908	SSF x Near_LoA	-8,73567308	0,080	0,297
CHR4	8941919	CHR4:8941919	SSF x Near_LoA	-9,99175733	-0,014	0,309
CHR4	8943585	CHR4:8943585	SSF x Near_LoA	-9,02336826	-0,095	0,307
CHR4	8943865	CHR4:8943865	SSF x Near_LoA	-6,98769058	0,074	0,310
CHR4	8943868	CHR4:8943868	SSF x Near_LoA	-7,75307759	0,134	0,309
CHR4	8961979	CHR4:8961979	SSF x Near_LoA	-7,76924219	0,142	0,302
CHR4	8964273	CHR4:8964273	SSF x Near_LoA	-6,89183302	-0,032	0,319
CHR4	8964435	CHR4:8964435	SSF x Near_LoA	-9,50515246	0,023	0,312
CHR4	8966016	CHR4:8966016	SSF x Near_LoA	-9,26185526	-0,022	0,319
CHR4	8976867	CHR4:8976867	SSF x Near_LoA	-3,43335426	0,070	0,293
CHR4	8976876	CHR4:8976876	SSF x Near_LoA	-11,1183292	-0,060	0,305
CHR4	8988211	CHR4:8988211	SSF x Near_LoA	-9,54559078	-0,088	0,293
CHR4	8988220	CHR4:8988220	SSF x Near_LoA	-9,68262274	0,045	0,311
CHR4	8999512	CHR4:8999512	SSF x Near_LoA	-9,58985659	-0,110	0,300
CHR4	8999614	CHR4:8999614	SSF x Near_LoA	-8,76404522	0,005	0,307
CHR4	8999647	CHR4:8999647	SSF x Near_LoA	-8,01785027	-0,070	0,314
CHR4	8999680	CHR4:8999680	SSF x Near_LoA	-10,1591114	0,020	0,311
CHR4	9010294	CHR4:9010294	SSF x Near_LoA	-8,90681324	-0,005	0,316
CHR4	9010301	CHR4:9010301	SSF x Near_LoA	-10,5003005	-0,066	0,302
CHR4	901036	CHR4:901036	SSF x Near_LoA	-6,74147929	0,068	0,293
CHR4	901058	CHR4:901058	SSF x Near_LoA	-10,3858462	0,016	0,312
CHR4	901212	CHR4:901212	SSF x Near_LoA	-8,54154559	0,063	0,302
CHR4	9015130	CHR4:9015130	SSF x Near_LoA	1,03113602	0,145	0,297
CHR4	9015143	CHR4:9015143	SSF x Near_LoA	-9,27423777	0,004	0,320
CHR4	9015303	CHR4:9015303	SSF x Near_LoA	-9,91643328	0,136	0,305
CHR4	9015331	CHR4:9015331	SSF x Near_LoA	-8,28359951	0,127	0,309
CHR4	9015334	CHR4:9015334	SSF x Near_LoA	0,41566145	0,202	0,293
CHR4	9015379	CHR4:9015379	SSF x Near_LoA	-9,3629065	-0,046	0,299
CHR4	9015380	CHR4:9015380	SSF x Near_LoA	-8,90479282	0,051	0,312
CHR4	9017739	CHR4:9017739	SSF x Near_LoA	-11,372506	0,051	0,314
CHR4	9017752	CHR4:9017752	SSF x Near_LoA	-8,61097545	-0,054	0,315
CHR4	9017754	CHR4:9017754	SSF x Near_LoA	-9,9461283	-0,018	0,322
CHR4	9017774	CHR4:9017774	SSF x Near_LoA	-8,34165684	-0,100	0,315
CHR4	9017817	CHR4:9017817	SSF x Near_LoA	-9,75324882	-0,016	0,304
CHR4	9018782	CHR4:9018782	SSF x Near_LoA	-6,26037543	0,135	0,303
CHR4	9018882	CHR4:9018882	SSF x Near_LoA	-9,2221077	-0,014	0,312
CHR4	9018928	CHR4:9018928	SSF x Near_LoA	-9,9451533	0,037	0,304
CHR4	9018953	CHR4:9018953	SSF x Near_LoA	-8,90084663	0,010	0,303
CHR4	9018974	CHR4:9018974	SSF x Near_LoA	-7,88732149	0,071	0,293
CHR4	9018975	CHR4:9018975	SSF x Near_LoA	-12,248302	0,075	0,308
CHR4	9018979	CHR4:9018979	SSF x Near_LoA	-8,88335535	-0,027	0,317
CHR4	9020262	CHR4:9020262	SSF x Near_LoA	-11,1253299	0,072	0,307
CHR4	9020340	CHR4:9020340	SSF x Near_LoA	-9,40275806	0,049	0,306
CHR4	9020341	CHR4:9020341	SSF x Near_LoA	-10,0763047	0,035	0,294
CHR4	9020351	CHR4:9020351	SSF x Near_LoA	-8,81600037	0,067	0,312
CHR4	9020360	CHR4:9020360	SSF x Near_LoA	-10,3209719	0,020	0,296
CHR4	9026323	CHR4:9026323	SSF x Near_LoA	-8,0459754	-0,124	0,320
CHR4	902670	CHR4:902670	SSF x Near_LoA	-8,84812913	0,123	0,302
CHR4	9032999	CHR4:9032999	SSF x Near_LoA	-9,89812578	-0,018	0,317

CHR4	9033036	CHR4:9033036	SSF x Near_LoA	-9,17404899	-0,008	0,313
CHR4	9033040	CHR4:9033040	SSF x Near_LoA	-9,37388493	-0,030	0,307
CHR4	9033056	CHR4:9033056	SSF x Near_LoA	-8,34400879	-0,008	0,299
CHR4	9036790	CHR4:9036790	SSF x Near_LoA	-7,45672041	0,074	0,314
CHR4	9039750	CHR4:9039750	SSF x Near_LoA	-8,28131297	-0,145	0,298
CHR4	9041405	CHR4:9041405	SSF x Near_LoA	-11,1860096	-0,058	0,308
CHR4	9041440	CHR4:9041440	SSF x Near_LoA	-5,60407404	-0,058	0,290
CHR4	9041441	CHR4:9041441	SSF x Near_LoA	-9,06067911	-0,053	0,305
CHR4	9041444	CHR4:9041444	SSF x Near_LoA	-8,03395729	0,075	0,307
CHR4	9041464	CHR4:9041464	SSF x Near_LoA	-8,74859366	-0,107	0,305
CHR4	9041473	CHR4:9041473	SSF x Near_LoA	-3,88569757	-0,173	0,288
CHR4	9041492	CHR4:9041492	SSF x Near_LoA	-7,46077086	0,118	0,299
CHR4	9041511	CHR4:9041511	SSF x Near_LoA	-8,03930385	0,128	0,306
CHR4	9041512	CHR4:9041512	SSF x Near_LoA	-8,31135429	0,114	0,310
CHR4	9041557	CHR4:9041557	SSF x Near_LoA	-7,38818908	0,140	0,301
CHR4	9041575	CHR4:9041575	SSF x Near_LoA	-9,87088909	-0,107	0,317
CHR4	9041598	CHR4:9041598	SSF x Near_LoA	-7,6699535	0,181	0,311
CHR4	9046139	CHR4:9046139	SSF x Near_LoA	-9,16584085	0,073	0,308
CHR4	9046183	CHR4:9046183	SSF x Near_LoA	-7,22469551	0,061	0,308
CHR4	9049564	CHR4:9049564	SSF x Near_LoA	-10,4507538	-0,037	0,300
CHR4	9049614	CHR4:9049614	SSF x Near_LoA	-10,0026269	0,022	0,313
CHR4	9049741	CHR4:9049741	SSF x Near_LoA	-10,0996298	0,053	0,301
CHR4	9049744	CHR4:9049744	SSF x Near_LoA	-10,2098883	-0,001	0,312
CHR4	9049767	CHR4:9049767	SSF x Near_LoA	-7,71593467	0,188	0,285
CHR4	9055897	CHR4:9055897	SSF x Near_LoA	-7,8277807	-0,122	0,305
CHR4	9059890	CHR4:9059890	SSF x Near_LoA	-7,15054089	0,175	0,295
CHR4	9061217	CHR4:9061217	SSF x Near_LoA	-9,14408241	-0,033	0,310
CHR4	9061394	CHR4:9061394	SSF x Near_LoA	-10,5079818	0,020	0,310
CHR4	9062449	CHR4:9062449	SSF x Near_LoA	-8,96882914	0,012	0,311
CHR4	9062645	CHR4:9062645	SSF x Near_LoA	-12,0616152	-0,014	0,290
CHR4	9062648	CHR4:9062648	SSF x Near_LoA	-8,80306998	0,090	0,301
CHR4	9063293	CHR4:9063293	SSF x Near_LoA	-10,5240131	0,002	0,304
CHR4	9063310	CHR4:9063310	SSF x Near_LoA	-9,72766264	0,065	0,302
CHR4	9070786	CHR4:9070786	SSF x Near_LoA	-8,41177139	0,033	0,318
CHR4	9070909	CHR4:9070909	SSF x Near_LoA	-10,0723829	-0,079	0,291
CHR4	9070925	CHR4:9070925	SSF x Near_LoA	-9,45954546	0,014	0,310
CHR4	9070934	CHR4:9070934	SSF x Near_LoA	-9,16677191	-0,044	0,297
CHR4	9082795	CHR4:9082795	SSF x Near_LoA	-10,3609788	0,088	0,305
CHR4	9082839	CHR4:9082839	SSF x Near_LoA	-10,6235329	-0,047	0,314
CHR4	9082875	CHR4:9082875	SSF x Near_LoA	-10,7486954	-0,084	0,308
CHR4	9082940	CHR4:9082940	SSF x Near_LoA	-6,95526726	0,124	0,316
CHR4	9082992	CHR4:9082992	SSF x Near_LoA	-11,0911786	0,011	0,306
CHR4	9083060	CHR4:9083060	SSF x Near_LoA	-8,42454469	0,131	0,301
CHR4	9089612	CHR4:9089612	SSF x Near_LoA	-7,57715458	0,025	0,314
CHR4	9089613	CHR4:9089613	SSF x Near_LoA	-8,92593064	-0,036	0,315
CHR4	9092286	CHR4:9092286	SSF x Near_LoA	-9,4282523	-0,034	0,305
CHR4	9092329	CHR4:9092329	SSF x Near_LoA	-10,6233561	-0,068	0,302
CHR4	9092384	CHR4:9092384	SSF x Near_LoA	-10,7728008	-0,047	0,314
CHR4	9099237	CHR4:9099237	SSF x Near_LoA	-9,35020486	0,060	0,312
CHR4	9104040	CHR4:9104040	SSF x Near_LoA	-10,7286982	0,034	0,304
CHR4	9104116	CHR4:9104116	SSF x Near_LoA	-10,5437945	0,030	0,293
CHR4	9104303	CHR4:9104303	SSF x Near_LoA	-10,1760839	0,094	0,313
CHR4	9109874	CHR4:9109874	SSF x Near_LoA	-7,40601179	-0,112	0,310

CHR4	9109876	CHR4:9109876	SSF x Near_LoA	-7,82971303	-0,140	0,310
CHR4	9109922	CHR4:9109922	SSF x Near_LoA	-10,0852625	0,003	0,305
CHR4	9109937	CHR4:9109937	SSF x Near_LoA	-11,6369317	-0,001	0,287
CHR4	9109952	CHR4:9109952	SSF x Near_LoA	-4,88779573	0,167	0,308
CHR4	9109965	CHR4:9109965	SSF x Near_LoA	-9,97044488	-0,014	0,305
CHR4	9114975	CHR4:9114975	SSF x Near_LoA	-9,91764217	0,017	0,314
CHR4	912379	CHR4:912379	SSF x Near_LoA	-8,85339039	-0,062	0,300
CHR4	9124963	CHR4:9124963	SSF x Near_LoA	0,03635454	0,145	0,304
CHR4	9125001	CHR4:9125001	SSF x Near_LoA	-9,76029731	0,021	0,307
CHR4	9144983	CHR4:9144983	SSF x Near_LoA	-7,68364614	-0,051	0,312
CHR4	9145013	CHR4:9145013	SSF x Near_LoA	-8,33616125	-0,078	0,310
CHR4	9145083	CHR4:9145083	SSF x Near_LoA	-8,70897207	0,036	0,321
CHR4	9145097	CHR4:9145097	SSF x Near_LoA	-9,01796783	-0,072	0,312
CHR4	9153441	CHR4:9153441	SSF x Near_LoA	-6,42108224	0,067	0,299
CHR4	9153541	CHR4:9153541	SSF x Near_LoA	-10,0808353	0,021	0,310
CHR4	9166019	CHR4:9166019	SSF x Near_LoA	-6,36071728	-0,038	0,302
CHR4	9166030	CHR4:9166030	SSF x Near_LoA	-6,28542629	-0,089	0,313
CHR4	9166205	CHR4:9166205	SSF x Near_LoA	-9,18878402	0,068	0,306
CHR4	9175107	CHR4:9175107	SSF x Near_LoA	-9,23235269	0,010	0,307
CHR4	9175108	CHR4:9175108	SSF x Near_LoA	-9,17118194	0,031	0,318
CHR4	9175134	CHR4:9175134	SSF x Near_LoA	-9,43166924	0,044	0,309
CHR4	9175170	CHR4:9175170	SSF x Near_LoA	-8,15157698	-0,174	0,303
CHR4	9175187	CHR4:9175187	SSF x Near_LoA	-8,87848403	-0,017	0,304
CHR4	9175357	CHR4:9175357	SSF x Near_LoA	-9,84229741	0,091	0,316
CHR4	9180171	CHR4:9180171	SSF x Near_LoA	-5,1634124	-0,139	0,315
CHR4	9180188	CHR4:9180188	SSF x Near_LoA	-7,87570953	0,060	0,315
CHR4	9180211	CHR4:9180211	SSF x Near_LoA	-9,9399196	0,145	0,295
CHR4	9180254	CHR4:9180254	SSF x Near_LoA	-9,17744273	0,148	0,295
CHR4	9185201	CHR4:9185201	SSF x Near_LoA	-9,84477381	-0,052	0,305
CHR4	9185366	CHR4:9185366	SSF x Near_LoA	-8,8042275	0,056	0,315
CHR4	9193008	CHR4:9193008	SSF x Near_LoA	-9,0565596	-0,028	0,315
CHR4	9193023	CHR4:9193023	SSF x Near_LoA	-9,946668	-0,025	0,317
CHR4	9193047	CHR4:9193047	SSF x Near_LoA	-8,93397212	-0,013	0,309
CHR4	9193079	CHR4:9193079	SSF x Near_LoA	-8,449893	-0,022	0,312
CHR4	9193110	CHR4:9193110	SSF x Near_LoA	-10,5313534	0,007	0,294
CHR4	9194618	CHR4:9194618	SSF x Near_LoA	-10,8218452	0,012	0,312
CHR4	9194623	CHR4:9194623	SSF x Near_LoA	-10,1671302	0,047	0,308
CHR4	9194749	CHR4:9194749	SSF x Near_LoA	-11,6577382	0,059	0,297
CHR4	9194794	CHR4:9194794	SSF x Near_LoA	-11,18524	0,069	0,311
CHR4	9196490	CHR4:9196490	SSF x Near_LoA	-9,02376646	-0,032	0,303
CHR4	9196503	CHR4:9196503	SSF x Near_LoA	-11,6341897	0,047	0,299
CHR4	9196611	CHR4:9196611	SSF x Near_LoA	-11,901336	0,099	0,306
CHR4	9196655	CHR4:9196655	SSF x Near_LoA	-10,3997863	0,035	0,313
CHR4	9213843	CHR4:9213843	SSF x Near_LoA	-6,64049993	-0,033	0,318
CHR4	9213845	CHR4:9213845	SSF x Near_LoA	-5,69991428	-0,109	0,313
CHR4	9213923	CHR4:9213923	SSF x Near_LoA	-9,34870498	-0,028	0,312
CHR4	9217070	CHR4:9217070	SSF x Near_LoA	-9,43404618	-0,004	0,293
CHR4	9218415	CHR4:9218415	SSF x Near_LoA	-11,0030954	0,095	0,300
CHR4	9222152	CHR4:9222152	SSF x Near_LoA	-8,28815896	-0,100	0,302
CHR4	9222186	CHR4:9222186	SSF x Near_LoA	-10,2319933	-0,039	0,300
CHR4	9222187	CHR4:9222187	SSF x Near_LoA	-11,3571868	-0,032	0,299
CHR4	9222209	CHR4:9222209	SSF x Near_LoA	-7,84422419	0,173	0,302
CHR4	9222288	CHR4:9222288	SSF x Near_LoA	-12,2483776	-0,034	0,291

CHR4	9222312	CHR4:9222312	SSF x Near_LoA	-8,85244367	0,025	0,310
CHR4	9222347	CHR4:9222347	SSF x Near_LoA	-10,1624002	-0,050	0,300
CHR4	9222455	CHR4:9222455	SSF x Near_LoA	-11,6520004	0,082	0,307
CHR4	923278	CHR4:923278	SSF x Near_LoA	-11,4779374	-0,007	0,306
CHR4	923675	CHR4:923675	SSF x Near_LoA	-9,26975965	-0,015	0,306
CHR4	9243785	CHR4:9243785	SSF x Near_LoA	-9,8196636	-0,047	0,299
CHR4	9243873	CHR4:9243873	SSF x Near_LoA	-7,59381175	0,154	0,311
CHR4	9254387	CHR4:9254387	SSF x Near_LoA	-10,4285986	-0,092	0,302
CHR4	9254407	CHR4:9254407	SSF x Near_LoA	-9,80572618	0,145	0,308
CHR4	9254435	CHR4:9254435	SSF x Near_LoA	-9,02553947	-0,084	0,311
CHR4	9254455	CHR4:9254455	SSF x Near_LoA	-7,417545	0,191	0,285
CHR4	9254660	CHR4:9254660	SSF x Near_LoA	-6,92405576	-0,065	0,314
CHR4	9256158	CHR4:9256158	SSF x Near_LoA	-11,8251907	0,022	0,299
CHR4	9256235	CHR4:9256235	SSF x Near_LoA	-11,5128862	-0,022	0,297
CHR4	9256660	CHR4:9256660	SSF x Near_LoA	-7,3455183	-0,083	0,316
CHR4	9256669	CHR4:9256669	SSF x Near_LoA	-7,40680127	0,094	0,288
CHR4	9256674	CHR4:9256674	SSF x Near_LoA	-6,97468987	0,123	0,304
CHR4	9256723	CHR4:9256723	SSF x Near_LoA	-6,09750886	0,176	0,291
CHR4	927047	CHR4:927047	SSF x Near_LoA	-9,21848229	-0,098	0,305
CHR4	9277300	CHR4:9277300	SSF x Near_LoA	-9,65211827	0,024	0,303
CHR4	9278869	CHR4:9278869	SSF x Near_LoA	-10,9820043	-0,070	0,298
CHR4	9278912	CHR4:9278912	SSF x Near_LoA	-9,67308874	-0,039	0,297
CHR4	9278917	CHR4:9278917	SSF x Near_LoA	-8,38292508	0,008	0,308
CHR4	9278930	CHR4:9278930	SSF x Near_LoA	-8,81693222	-0,099	0,284
CHR4	9287370	CHR4:9287370	SSF x Near_LoA	-8,80163046	-0,050	0,316
CHR4	9287429	CHR4:9287429	SSF x Near_LoA	-8,57391735	-0,023	0,315
CHR4	9287468	CHR4:9287468	SSF x Near_LoA	-10,3574254	-0,068	0,311
CHR4	9290959	CHR4:9290959	SSF x Near_LoA	-11,1094447	0,047	0,316
CHR4	9290980	CHR4:9290980	SSF x Near_LoA	-7,22446461	-0,094	0,310
CHR4	9290993	CHR4:9290993	SSF x Near_LoA	-7,92987118	-0,041	0,306
CHR4	9291024	CHR4:9291024	SSF x Near_LoA	-2,69657523	-0,140	0,302
CHR4	9296908	CHR4:9296908	SSF x Near_LoA	-10,8727466	0,076	0,303
CHR4	9296911	CHR4:9296911	SSF x Near_LoA	-7,4352822	0,072	0,305
CHR4	9296959	CHR4:9296959	SSF x Near_LoA	-5,96638822	0,027	0,306
CHR4	9296975	CHR4:9296975	SSF x Near_LoA	-8,63740836	0,052	0,299
CHR4	9296994	CHR4:9296994	SSF x Near_LoA	-8,10136372	0,153	0,293
CHR4	9297046	CHR4:9297046	SSF x Near_LoA	-9,07425316	0,021	0,303
CHR4	9300051	CHR4:9300051	SSF x Near_LoA	-8,82231451	0,136	0,311
CHR4	9300107	CHR4:9300107	SSF x Near_LoA	-8,67284094	-0,079	0,319
CHR4	9301999	CHR4:9301999	SSF x Near_LoA	-7,32802555	-0,086	0,303
CHR4	9302017	CHR4:9302017	SSF x Near_LoA	-8,9806976	0,032	0,318
CHR4	9302035	CHR4:9302035	SSF x Near_LoA	-10,452548	0,015	0,316
CHR4	9302073	CHR4:9302073	SSF x Near_LoA	-10,3159037	0,040	0,309
CHR4	9302094	CHR4:9302094	SSF x Near_LoA	-8,08229564	0,058	0,302
CHR4	9302244	CHR4:9302244	SSF x Near_LoA	-9,86199827	0,080	0,297
CHR4	9306515	CHR4:9306515	SSF x Near_LoA	-7,42158048	0,061	0,293
CHR4	9306519	CHR4:9306519	SSF x Near_LoA	-10,3776313	0,122	0,315
CHR4	9306786	CHR4:9306786	SSF x Near_LoA	-10,9753405	-0,032	0,308
CHR4	9306809	CHR4:9306809	SSF x Near_LoA	-10,3050417	-0,140	0,287
CHR4	9306819	CHR4:9306819	SSF x Near_LoA	-10,2213955	0,023	0,318
CHR4	9314370	CHR4:9314370	SSF x Near_LoA	-10,0844201	-0,093	0,316
CHR4	9319987	CHR4:9319987	SSF x Near_LoA	-11,449846	0,038	0,302
CHR4	9320712	CHR4:9320712	SSF x Near_LoA	-11,1703938	-0,003	0,311

CHR4	9325324	CHR4:9325324	SSF x Near_LoA	-10,4431087	0,066	0,307
CHR4	9325709	CHR4:9325709	SSF x Near_LoA	-6,80430459	-0,124	0,290
CHR4	9342685	CHR4:9342685	SSF x Near_LoA	-7,80401356	0,069	0,311
CHR4	9342696	CHR4:9342696	SSF x Near_LoA	-8,85234307	0,072	0,312
CHR4	9342912	CHR4:9342912	SSF x Near_LoA	-10,3711233	0,048	0,306
CHR4	9348662	CHR4:9348662	SSF x Near_LoA	-8,88614403	-0,027	0,313
CHR4	9348669	CHR4:9348669	SSF x Near_LoA	-10,8037152	0,074	0,297
CHR4	9348695	CHR4:9348695	SSF x Near_LoA	-10,5062893	-0,041	0,331
CHR4	9348752	CHR4:9348752	SSF x Near_LoA	-8,75608088	0,103	0,300
CHR4	9348832	CHR4:9348832	SSF x Near_LoA	-8,70959559	-0,076	0,315
CHR4	9348842	CHR4:9348842	SSF x Near_LoA	-7,74783857	-0,122	0,320
CHR4	9348845	CHR4:9348845	SSF x Near_LoA	-11,7821031	0,018	0,298
CHR4	9348862	CHR4:9348862	SSF x Near_LoA	-10,5238132	-0,040	0,313
CHR4	9364142	CHR4:9364142	SSF x Near_LoA	-10,4642611	0,138	0,298
CHR4	9364316	CHR4:9364316	SSF x Near_LoA	-7,0440411	0,182	0,301
CHR4	9364398	CHR4:9364398	SSF x Near_LoA	-9,30675549	0,068	0,295
CHR4	9387401	CHR4:9387401	SSF x Near_LoA	-6,01811489	-0,143	0,308
CHR4	9389464	CHR4:9389464	SSF x Near_LoA	-11,3166938	0,007	0,321
CHR4	9389491	CHR4:9389491	SSF x Near_LoA	1,07786741	0,095	0,303
CHR4	9389586	CHR4:9389586	SSF x Near_LoA	-8,57507664	-0,030	0,310
CHR4	9389587	CHR4:9389587	SSF x Near_LoA	-9,80379229	0,150	0,302
CHR4	9395763	CHR4:9395763	SSF x Near_LoA	-10,7621619	-0,058	0,323
CHR4	9401379	CHR4:9401379	SSF x Near_LoA	-9,48309863	-0,061	0,314
CHR4	9401587	CHR4:9401587	SSF x Near_LoA	-8,53641512	0,027	0,306
CHR4	9401591	CHR4:9401591	SSF x Near_LoA	-9,92479542	0,053	0,304
CHR4	9416128	CHR4:9416128	SSF x Near_LoA	-10,9832154	-0,080	0,318
CHR4	9423811	CHR4:9423811	SSF x Near_LoA	-11,5864926	-0,065	0,303
CHR4	9426945	CHR4:9426945	SSF x Near_LoA	-7,78679728	0,065	0,310
CHR4	9426971	CHR4:9426971	SSF x Near_LoA	-7,75648285	0,084	0,301
CHR4	9426972	CHR4:9426972	SSF x Near_LoA	-8,38568357	-0,064	0,302
CHR4	9426973	CHR4:9426973	SSF x Near_LoA	-7,44292801	-0,095	0,293
CHR4	9426986	CHR4:9426986	SSF x Near_LoA	-9,16582337	0,040	0,303
CHR4	9426989	CHR4:9426989	SSF x Near_LoA	-7,94151438	-0,011	0,315
CHR4	9430136	CHR4:9430136	SSF x Near_LoA	-5,98994908	0,009	0,320
CHR4	9430153	CHR4:9430153	SSF x Near_LoA	-9,04805761	0,067	0,307
CHR4	9430160	CHR4:9430160	SSF x Near_LoA	-10,4416448	0,000	0,323
CHR4	9430197	CHR4:9430197	SSF x Near_LoA	-8,09737068	-0,055	0,317
CHR4	9430198	CHR4:9430198	SSF x Near_LoA	-10,7227369	-0,006	0,320
CHR4	9430222	CHR4:9430222	SSF x Near_LoA	-12,0043058	-0,038	0,306
CHR4	9430232	CHR4:9430232	SSF x Near_LoA	-5,68267885	0,112	0,300
CHR4	9430266	CHR4:9430266	SSF x Near_LoA	-10,7692267	-0,076	0,309
CHR4	9430320	CHR4:9430320	SSF x Near_LoA	-8,0885717	0,098	0,306
CHR4	9448478	CHR4:9448478	SSF x Near_LoA	-10,5487425	-0,080	0,301
CHR4	9448634	CHR4:9448634	SSF x Near_LoA	-7,68055065	0,128	0,297
CHR4	9452164	CHR4:9452164	SSF x Near_LoA	-11,7753731	0,074	0,303
CHR4	9452174	CHR4:9452174	SSF x Near_LoA	-10,66712	-0,013	0,320
CHR4	9452189	CHR4:9452189	SSF x Near_LoA	-10,0322678	-0,058	0,311
CHR4	9452222	CHR4:9452222	SSF x Near_LoA	-8,6690091	-0,062	0,306
CHR4	9462728	CHR4:9462728	SSF x Near_LoA	-9,33005462	-0,008	0,311
CHR4	9462737	CHR4:9462737	SSF x Near_LoA	-9,51924242	-0,138	0,284
CHR4	9462752	CHR4:9462752	SSF x Near_LoA	-10,5190548	-0,003	0,298
CHR4	9462815	CHR4:9462815	SSF x Near_LoA	-10,5917359	-0,092	0,307
CHR4	9462818	CHR4:9462818	SSF x Near_LoA	-6,68554453	0,079	0,305

CHR4	9462829	CHR4:9462829	SSF x Near_LoA	-10,7505877	-0,094	0,299
CHR4	9462838	CHR4:9462838	SSF x Near_LoA	-9,30004478	-0,109	0,310
CHR4	9462944	CHR4:9462944	SSF x Near_LoA	-10,1026679	0,056	0,306
CHR4	9462990	CHR4:9462990	SSF x Near_LoA	19,2358708	0,016	0,315
CHR4	9462991	CHR4:9462991	SSF x Near_LoA	-11,9380233	-0,074	0,301
CHR4	9471296	CHR4:9471296	SSF x Near_LoA	-11,189028	0,098	0,305
CHR4	9471330	CHR4:9471330	SSF x Near_LoA	-11,2331767	0,066	0,299
CHR4	9471370	CHR4:9471370	SSF x Near_LoA	-10,7144927	-0,090	0,313
CHR4	9471493	CHR4:9471493	SSF x Near_LoA	-9,89895642	-0,063	0,311
CHR4	9471533	CHR4:9471533	SSF x Near_LoA	-9,66171775	-0,045	0,304
CHR4	9481186	CHR4:9481186	SSF x Near_LoA	-8,66668411	0,180	0,306
CHR4	9481227	CHR4:9481227	SSF x Near_LoA	-10,0337693	0,012	0,312
CHR4	9481256	CHR4:9481256	SSF x Near_LoA	-8,86331972	-0,011	0,296
CHR4	9487220	CHR4:9487220	SSF x Near_LoA	-10,973229	-0,085	0,295
CHR4	9487247	CHR4:9487247	SSF x Near_LoA	-8,74141671	0,000	0,321
CHR4	9487268	CHR4:9487268	SSF x Near_LoA	-10,8961	-0,044	0,296
CHR4	9487347	CHR4:9487347	SSF x Near_LoA	-7,87379357	0,165	0,303
CHR4	9487350	CHR4:9487350	SSF x Near_LoA	-10,1916132	-0,057	0,312
CHR4	9487374	CHR4:9487374	SSF x Near_LoA	-10,045399	-0,020	0,307
CHR4	9487413	CHR4:9487413	SSF x Near_LoA	-10,649409	0,074	0,308
CHR4	9494730	CHR4:9494730	SSF x Near_LoA	-9,74932187	-0,064	0,310
CHR4	9494744	CHR4:9494744	SSF x Near_LoA	-4,29946903	-0,035	0,311
CHR4	9494752	CHR4:9494752	SSF x Near_LoA	-8,64878141	0,090	0,317
CHR4	9494883	CHR4:9494883	SSF x Near_LoA	-9,09874741	-0,048	0,326
CHR4	9494908	CHR4:9494908	SSF x Near_LoA	-9,76695066	0,000	0,307
CHR4	9494935	CHR4:9494935	SSF x Near_LoA	-7,81067199	-0,133	0,307
CHR4	9496370	CHR4:9496370	SSF x Near_LoA	-9,3965336	0,009	0,310
CHR4	9496450	CHR4:9496450	SSF x Near_LoA	-9,81038311	0,052	0,311
CHR4	9496525	CHR4:9496525	SSF x Near_LoA	-10,1751647	-0,147	0,302
CHR4	9496535	CHR4:9496535	SSF x Near_LoA	-9,28376535	0,115	0,299
CHR4	9496555	CHR4:9496555	SSF x Near_LoA	-11,8964271	0,046	0,316
CHR4	9496566	CHR4:9496566	SSF x Near_LoA	-7,85754703	0,134	0,293
CHR4	9496567	CHR4:9496567	SSF x Near_LoA	-4,15212447	0,033	0,311
CHR4	9504845	CHR4:9504845	SSF x Near_LoA	-11,0791553	0,017	0,304
CHR4	9504847	CHR4:9504847	SSF x Near_LoA	-10,3598974	-0,015	0,307
CHR4	9504849	CHR4:9504849	SSF x Near_LoA	-7,3261434	0,129	0,297
CHR4	9504909	CHR4:9504909	SSF x Near_LoA	-8,81886375	-0,077	0,300
CHR4	9504910	CHR4:9504910	SSF x Near_LoA	-8,6574067	0,064	0,305
CHR4	9504990	CHR4:9504990	SSF x Near_LoA	-10,6466711	-0,015	0,297
CHR4	9504993	CHR4:9504993	SSF x Near_LoA	-11,3328799	0,017	0,305
CHR4	9505051	CHR4:9505051	SSF x Near_LoA	-11,6131028	0,042	0,312
CHR4	9505100	CHR4:9505100	SSF x Near_LoA	-9,35806355	-0,040	0,319
CHR4	9509003	CHR4:9509003	SSF x Near_LoA	-10,942649	0,011	0,308
CHR4	9509053	CHR4:9509053	SSF x Near_LoA	-6,37654619	0,122	0,298
CHR4	9509054	CHR4:9509054	SSF x Near_LoA	-9,94197971	-0,078	0,302
CHR4	9509058	CHR4:9509058	SSF x Near_LoA	-10,4239531	0,060	0,306
CHR4	9512630	CHR4:9512630	SSF x Near_LoA	-10,782241	0,023	0,305
CHR4	9512724	CHR4:9512724	SSF x Near_LoA	2,66777355	0,058	0,315
CHR4	9512730	CHR4:9512730	SSF x Near_LoA	-8,47440905	-0,004	0,304
CHR4	9515529	CHR4:9515529	SSF x Near_LoA	-7,78734311	-0,008	0,311
CHR4	9515549	CHR4:9515549	SSF x Near_LoA	-10,0943365	0,027	0,301
CHR4	9515618	CHR4:9515618	SSF x Near_LoA	-6,22867015	-0,168	0,286
CHR4	9516754	CHR4:9516754	SSF x Near_LoA	-9,26636594	-0,029	0,296

CHR4	9516782	CHR4:9516782	SSF x Near_LoA	-10,6832564	0,006	0,321
CHR4	9516792	CHR4:9516792	SSF x Near_LoA	-8,96815848	0,091	0,322
CHR4	9516793	CHR4:9516793	SSF x Near_LoA	-9,11466927	0,028	0,318
CHR4	9516804	CHR4:9516804	SSF x Near_LoA	-8,38634748	0,070	0,326
CHR4	9568787	CHR4:9568787	SSF x Near_LoA	-9,7969018	-0,048	0,301
CHR4	9569666	CHR4:9569666	SSF x Near_LoA	-9,94664669	-0,003	0,319
CHR4	9569864	CHR4:9569864	SSF x Near_LoA	-9,99818983	-0,077	0,294
CHR4	9569939	CHR4:9569939	SSF x Near_LoA	-9,31377033	-0,028	0,312
CHR4	9577518	CHR4:9577518	SSF x Near_LoA	-8,44554869	-0,135	0,300
CHR4	9587877	CHR4:9587877	SSF x Near_LoA	-10,2766555	0,076	0,301
CHR4	9587930	CHR4:9587930	SSF x Near_LoA	-9,40112187	0,093	0,305
CHR4	9588028	CHR4:9588028	SSF x Near_LoA	-8,63264909	0,005	0,295
CHR4	9588063	CHR4:9588063	SSF x Near_LoA	-8,7961584	0,012	0,300
CHR4	9588067	CHR4:9588067	SSF x Near_LoA	-9,50250137	-0,035	0,311
CHR4	9588068	CHR4:9588068	SSF x Near_LoA	-9,84361851	-0,077	0,298
CHR4	9588077	CHR4:9588077	SSF x Near_LoA	-7,86800654	-0,074	0,313
CHR4	9588079	CHR4:9588079	SSF x Near_LoA	-9,33865046	-0,052	0,296
CHR4	9588094	CHR4:9588094	SSF x Near_LoA	-9,63780615	0,036	0,299
CHR4	9588103	CHR4:9588103	SSF x Near_LoA	-8,63756597	-0,034	0,306
CHR4	9588105	CHR4:9588105	SSF x Near_LoA	-9,13026247	0,026	0,312
CHR4	9588110	CHR4:9588110	SSF x Near_LoA	-9,42127258	0,023	0,312
CHR4	9588114	CHR4:9588114	SSF x Near_LoA	-7,82666169	0,118	0,295
CHR4	9588123	CHR4:9588123	SSF x Near_LoA	-10,8382735	-0,008	0,298
CHR4	9607292	CHR4:9607292	SSF x Near_LoA	-9,56165501	0,065	0,306
CHR4	9607293	CHR4:9607293	SSF x Near_LoA	-11,2138623	0,006	0,310
CHR4	9607752	CHR4:9607752	SSF x Near_LoA	-9,80396113	0,009	0,310
CHR4	9609646	CHR4:9609646	SSF x Near_LoA	-7,68913183	-0,122	0,308
CHR4	9609656	CHR4:9609656	SSF x Near_LoA	-10,2623563	0,117	0,309
CHR4	9609701	CHR4:9609701	SSF x Near_LoA	-8,55268969	0,058	0,297
CHR4	9609712	CHR4:9609712	SSF x Near_LoA	-11,30406	-0,008	0,303
CHR4	9645609	CHR4:9645609	SSF x Near_LoA	-8,32586176	-0,157	0,301
CHR4	9647453	CHR4:9647453	SSF x Near_LoA	-10,8919023	-0,048	0,326
CHR4	9647492	CHR4:9647492	SSF x Near_LoA	-8,67857864	0,038	0,309
CHR4	9647523	CHR4:9647523	SSF x Near_LoA	-7,25528041	0,012	0,308
CHR4	9647571	CHR4:9647571	SSF x Near_LoA	-10,1321011	-0,011	0,313
CHR4	9647576	CHR4:9647576	SSF x Near_LoA	-10,2743797	-0,018	0,312
CHR4	9654970	CHR4:9654970	SSF x Near_LoA	-5,80179077	0,075	0,318
CHR4	9655039	CHR4:9655039	SSF x Near_LoA	-9,73958638	0,038	0,312
CHR4	9655057	CHR4:9655057	SSF x Near_LoA	-5,11692005	-0,120	0,327
CHR4	9655252	CHR4:9655252	SSF x Near_LoA	-7,25161713	0,011	0,301
CHR4	9655262	CHR4:9655262	SSF x Near_LoA	-11,1652211	0,016	0,304
CHR4	9664071	CHR4:9664071	SSF x Near_LoA	-9,56340571	0,008	0,302
CHR4	9664096	CHR4:9664096	SSF x Near_LoA	-5,14974258	-0,024	0,308
CHR4	9664098	CHR4:9664098	SSF x Near_LoA	-10,5365269	0,060	0,323
CHR4	9664104	CHR4:9664104	SSF x Near_LoA	-10,1840204	0,022	0,299
CHR4	9664176	CHR4:9664176	SSF x Near_LoA	-9,67088481	-0,005	0,310
CHR4	9664193	CHR4:9664193	SSF x Near_LoA	-8,47754138	-0,002	0,320
CHR4	9664241	CHR4:9664241	SSF x Near_LoA	-9,45359916	-0,093	0,298
CHR4	9666155	CHR4:9666155	SSF x Near_LoA	-10,2923654	-0,030	0,316
CHR4	9666223	CHR4:9666223	SSF x Near_LoA	-11,3479533	-0,021	0,299
CHR4	9666334	CHR4:9666334	SSF x Near_LoA	-10,2280353	-0,136	0,304
CHR4	9681240	CHR4:9681240	SSF x Near_LoA	-11,3839485	0,069	0,306
CHR4	9692107	CHR4:9692107	SSF x Near_LoA	-7,05550341	0,111	0,311

CHR4	9698781	CHR4:9698781	SSF x Near_LoA	-10,1605068	0,031	0,301
CHR4	9698855	CHR4:9698855	SSF x Near_LoA	-9,38070638	-0,015	0,310
CHR4	9699489	CHR4:9699489	SSF x Near_LoA	-9,29689898	0,030	0,299
CHR4	9699510	CHR4:9699510	SSF x Near_LoA	-7,49780133	0,006	0,303
CHR4	9699519	CHR4:9699519	SSF x Near_LoA	-9,00063537	0,020	0,304
CHR4	9729462	CHR4:9729462	SSF x Near_LoA	-7,72363514	0,102	0,305
CHR4	9729520	CHR4:9729520	SSF x Near_LoA	-9,68159947	-0,070	0,317
CHR4	9729585	CHR4:9729585	SSF x Near_LoA	-11,5141471	-0,050	0,300
CHR4	973705	CHR4:973705	SSF x Near_LoA	-10,1037078	0,017	0,318
CHR4	9745359	CHR4:9745359	SSF x Near_LoA	-11,8638381	0,009	0,317
CHR4	9754913	CHR4:9754913	SSF x Near_LoA	-8,3358351	0,060	0,308
CHR4	9754960	CHR4:9754960	SSF x Near_LoA	-6,99759326	0,104	0,300
CHR4	9754961	CHR4:9754961	SSF x Near_LoA	-5,44667343	0,132	0,294
CHR4	9754963	CHR4:9754963	SSF x Near_LoA	-10,1321145	0,102	0,297
CHR4	9754964	CHR4:9754964	SSF x Near_LoA	-9,26569105	0,119	0,298
CHR4	9754966	CHR4:9754966	SSF x Near_LoA	-7,86059303	0,125	0,300
CHR4	9754986	CHR4:9754986	SSF x Near_LoA	-8,48774829	0,064	0,309
CHR4	9754999	CHR4:9754999	SSF x Near_LoA	-1,1135992	-0,042	0,310
CHR4	9771240	CHR4:9771240	SSF x Near_LoA	-8,11801056	-0,162	0,299
CHR4	9771269	CHR4:9771269	SSF x Near_LoA	-5,53504302	0,188	0,301
CHR4	9771308	CHR4:9771308	SSF x Near_LoA	-10,7525524	-0,079	0,327
CHR4	9771402	CHR4:9771402	SSF x Near_LoA	-10,8556965	-0,089	0,318
CHR4	9771414	CHR4:9771414	SSF x Near_LoA	-10,2187427	-0,071	0,302
CHR4	9771416	CHR4:9771416	SSF x Near_LoA	-10,5458391	0,071	0,294
CHR4	977363	CHR4:977363	SSF x Near_LoA	-7,09240238	0,001	0,321
CHR4	9778607	CHR4:9778607	SSF x Near_LoA	-8,84003247	0,070	0,309
CHR4	9781415	CHR4:9781415	SSF x Near_LoA	-5,86791987	0,137	0,316
CHR4	9784943	CHR4:9784943	SSF x Near_LoA	-1,73346158	0,078	0,304
CHR4	9784948	CHR4:9784948	SSF x Near_LoA	-8,46162246	-0,033	0,308
CHR4	9785047	CHR4:9785047	SSF x Near_LoA	-5,90758847	-0,138	0,314
CHR4	9785062	CHR4:9785062	SSF x Near_LoA	-7,87604682	-0,128	0,307
CHR4	9785071	CHR4:9785071	SSF x Near_LoA	-8,42550749	-0,080	0,308
CHR4	9785115	CHR4:9785115	SSF x Near_LoA	-8,29299733	-0,093	0,303
CHR4	9790668	CHR4:9790668	SSF x Near_LoA	-9,12002713	-0,081	0,315
CHR4	9790695	CHR4:9790695	SSF x Near_LoA	-8,78250642	-0,105	0,309
CHR4	9798651	CHR4:9798651	SSF x Near_LoA	-10,6883954	-0,044	0,327
CHR4	9798657	CHR4:9798657	SSF x Near_LoA	-7,37530312	-0,080	0,305
CHR4	9800779	CHR4:9800779	SSF x Near_LoA	-6,27470028	0,057	0,303
CHR4	9800822	CHR4:9800822	SSF x Near_LoA	-9,04009596	-0,001	0,304
CHR4	9800826	CHR4:9800826	SSF x Near_LoA	-8,75837381	-0,068	0,304
CHR4	9800885	CHR4:9800885	SSF x Near_LoA	-10,7420464	0,013	0,312
CHR4	9800957	CHR4:9800957	SSF x Near_LoA	-6,988294	-0,053	0,318
CHR4	9816300	CHR4:9816300	SSF x Near_LoA	-10,0520032	0,152	0,305
CHR4	9816462	CHR4:9816462	SSF x Near_LoA	-9,50323162	0,015	0,302
CHR4	9816493	CHR4:9816493	SSF x Near_LoA	-8,76127333	-0,052	0,287
CHR4	9816507	CHR4:9816507	SSF x Near_LoA	-11,4152298	0,033	0,293
CHR4	9831178	CHR4:9831178	SSF x Near_LoA	-7,32544737	0,046	0,315
CHR4	9831285	CHR4:9831285	SSF x Near_LoA	-7,7839374	0,020	0,287
CHR4	9851310	CHR4:9851310	SSF x Near_LoA	-9,50129599	-0,030	0,314
CHR4	9851348	CHR4:9851348	SSF x Near_LoA	-10,5644638	0,100	0,321
CHR4	9866813	CHR4:9866813	SSF x Near_LoA	-9,60337995	0,092	0,314
CHR4	9866855	CHR4:9866855	SSF x Near_LoA	-11,0927698	0,072	0,298
CHR4	9866882	CHR4:9866882	SSF x Near_LoA	-8,80928314	-0,008	0,316

CHR4	9866936	CHR4:9866936	SSF x Near_LoA	-9,73026792	0,055	0,315
CHR4	9866977	CHR4:9866977	SSF x Near_LoA	-11,6074292	0,015	0,293
CHR4	9891363	CHR4:9891363	SSF x Near_LoA	-9,75765934	-0,014	0,297
CHR4	9891387	CHR4:9891387	SSF x Near_LoA	-9,70622034	-0,013	0,314
CHR4	9891418	CHR4:9891418	SSF x Near_LoA	-10,22278	0,018	0,318
CHR4	9891607	CHR4:9891607	SSF x Near_LoA	-10,0286232	0,041	0,292
CHR4	9896893	CHR4:9896893	SSF x Near_LoA	-11,356543	-0,045	0,309
CHR4	9897941	CHR4:9897941	SSF x Near_LoA	-9,07334649	-0,042	0,310
CHR4	9897997	CHR4:9897997	SSF x Near_LoA	-7,95961358	-0,041	0,297
CHR4	9898024	CHR4:9898024	SSF x Near_LoA	-8,27363008	0,189	0,302
CHR4	9898035	CHR4:9898035	SSF x Near_LoA	-10,7099732	0,029	0,302
CHR4	9898038	CHR4:9898038	SSF x Near_LoA	-9,39924848	0,046	0,301
CHR4	9901494	CHR4:9901494	SSF x Near_LoA	-9,4340529	-0,058	0,306
CHR4	9901520	CHR4:9901520	SSF x Near_LoA	-10,7796062	-0,051	0,307
CHR4	9906523	CHR4:9906523	SSF x Near_LoA	-10,0175093	0,009	0,298
CHR4	9906536	CHR4:9906536	SSF x Near_LoA	-5,48066619	0,018	0,305
CHR4	9906607	CHR4:9906607	SSF x Near_LoA	-11,061911	0,084	0,308
CHR4	9906732	CHR4:9906732	SSF x Near_LoA	-11,7375367	0,078	0,299
CHR4	9906766	CHR4:9906766	SSF x Near_LoA	-8,76328476	-0,050	0,291
CHR4	9908845	CHR4:9908845	SSF x Near_LoA	-10,1633497	-0,111	0,302
CHR4	9909935	CHR4:9909935	SSF x Near_LoA	-8,19399169	0,047	0,303
CHR4	9910046	CHR4:9910046	SSF x Near_LoA	-8,86599633	0,005	0,317
CHR4	9910141	CHR4:9910141	SSF x Near_LoA	-10,4487479	-0,037	0,311
CHR4	9963022	CHR4:9963022	SSF x Near_LoA	-10,3804514	0,080	0,306
CHR4	9963045	CHR4:9963045	SSF x Near_LoA	-11,1285462	0,076	0,298
CHR4	9963109	CHR4:9963109	SSF x Near_LoA	-10,2538838	0,113	0,284
CHR4	9963526	CHR4:9963526	SSF x Near_LoA	-1,55975826	-0,072	0,301
CHR4	9970212	CHR4:9970212	SSF x Near_LoA	-10,2209634	0,065	0,312
CHR4	9970268	CHR4:9970268	SSF x Near_LoA	-9,42998547	0,032	0,308
CHR4	9970307	CHR4:9970307	SSF x Near_LoA	-10,8101834	0,022	0,307
CHR4	9979482	CHR4:9979482	SSF x Near_LoA	-11,3511511	0,020	0,296
CHR4	9986105	CHR4:9986105	SSF x Near_LoA	-8,71639767	0,009	0,312
CHR4	9989196	CHR4:9989196	SSF x Near_LoA	-9,8206323	-0,083	0,305
CHR4	9989212	CHR4:9989212	SSF x Near_LoA	-8,80342551	-0,122	0,304
CHR4	9990642	CHR4:9990642	SSF x Near_LoA	-11,0434949	-0,023	0,308
CHR4	9990678	CHR4:9990678	SSF x Near_LoA	-9,31347622	-0,090	0,312
CHR4	9990719	CHR4:9990719	SSF x Near_LoA	-9,47341996	0,008	0,316
CHR4	9990729	CHR4:9990729	SSF x Near_LoA	-10,8946226	-0,063	0,306
CHR4	9990749	CHR4:9990749	SSF x Near_LoA	-11,7659918	-0,023	0,295
CHR4	9997982	CHR4:9997982	SSF x Near_LoA	-9,49582444	-0,038	0,294
CHR4	9998032	CHR4:9998032	SSF x Near_LoA	-10,9853432	0,062	0,314
CHR4	9998039	CHR4:9998039	SSF x Near_LoA	-11,5550652	0,031	0,305
CHR4	9998084	CHR4:9998084	SSF x Near_LoA	-10,7111315	0,062	0,304
CHR4	9998096	CHR4:9998096	SSF x Near_LoA	-11,9296781	0,051	0,302
CHR4	9999161	CHR4:9999161	SSF x Near_LoA	-7,91105487	0,166	0,295
CHR5	1E+07	CHR5:10010747	SSF x Near_LoA	-9,59788026	-0,043	0,304
CHR5	1E+07	CHR5:10010810	SSF x Near_LoA	-7,26414253	0,011	0,312
CHR5	1E+07	CHR5:10012034	SSF x Near_LoA	-8,1426921	0,063	0,305
CHR5	1E+07	CHR5:10012122	SSF x Near_LoA	-9,75912038	-0,008	0,303
CHR5	1E+07	CHR5:10012834	SSF x Near_LoA	-10,40312	0,043	0,311
CHR5	1E+07	CHR5:10012866	SSF x Near_LoA	-8,97235014	-0,035	0,305
CHR5	1E+07	CHR5:10012909	SSF x Near_LoA	-8,52940708	-0,023	0,317
CHR5	1E+07	CHR5:10012944	SSF x Near_LoA	-11,0207154	0,019	0,303

CHR5	1E+07	CHR5:10016649	SSF x Near_LoA	-6,84051375	0,019	0,309
CHR5	1E+07	CHR5:10016679	SSF x Near_LoA	-9,02718538	0,003	0,303
CHR5	1E+07	CHR5:10016713	SSF x Near_LoA	-9,28779932	0,035	0,313
CHR5	1E+07	CHR5:10021327	SSF x Near_LoA	-8,78350191	-0,131	0,297
CHR5	1E+07	CHR5:10021365	SSF x Near_LoA	-9,3252515	-0,080	0,309
CHR5	1E+07	CHR5:10021408	SSF x Near_LoA	-8,41827268	0,105	0,305
CHR5	1E+07	CHR5:10021583	SSF x Near_LoA	-6,80250716	-0,138	0,307
CHR5	1E+07	CHR5:10031039	SSF x Near_LoA	-7,47867491	-0,109	0,318
CHR5	1E+07	CHR5:10031058	SSF x Near_LoA	-10,6719131	-0,089	0,302
CHR5	1E+07	CHR5:10031072	SSF x Near_LoA	-10,8380125	0,002	0,308
CHR5	1E+07	CHR5:10031075	SSF x Near_LoA	-10,9774201	0,031	0,297
CHR5	1E+07	CHR5:10031129	SSF x Near_LoA	-8,77182633	-0,046	0,304
CHR5	1E+07	CHR5:10031174	SSF x Near_LoA	-8,52037029	-0,086	0,317
CHR5	1E+07	CHR5:10036876	SSF x Near_LoA	-10,65354	0,087	0,304
CHR5	1E+07	CHR5:10036884	SSF x Near_LoA	-7,02112945	0,117	0,306
CHR5	1E+07	CHR5:10047883	SSF x Near_LoA	-9,85444403	0,066	0,301
CHR5	1005334	CHR5:1005334	SSF x Near_LoA	-9,81294035	0,118	0,287
CHR5	1005414	CHR5:1005414	SSF x Near_LoA	-10,5264103	0,105	0,311
CHR5	1E+07	CHR5:10054792	SSF x Near_LoA	-8,77408876	-0,021	0,293
CHR5	1E+07	CHR5:10054930	SSF x Near_LoA	-9,31477091	-0,017	0,297
CHR5	1E+07	CHR5:10054957	SSF x Near_LoA	-9,18747331	-0,028	0,298
CHR5	1E+07	CHR5:10054959	SSF x Near_LoA	-8,65329078	-0,015	0,302
CHR5	1E+07	CHR5:10055021	SSF x Near_LoA	-11,836355	0,009	0,308
CHR5	1E+07	CHR5:10063621	SSF x Near_LoA	-8,55467454	-0,119	0,310
CHR5	1E+07	CHR5:10064381	SSF x Near_LoA	-8,13756261	0,049	0,307
CHR5	1E+07	CHR5:10064387	SSF x Near_LoA	-9,35318732	0,009	0,299
CHR5	1E+07	CHR5:10066088	SSF x Near_LoA	-6,49365134	0,029	0,308
CHR5	1E+07	CHR5:10066092	SSF x Near_LoA	-10,1024149	-0,024	0,311
CHR5	1E+07	CHR5:10066823	SSF x Near_LoA	-8,52177966	-0,012	0,306
CHR5	1E+07	CHR5:10068873	SSF x Near_LoA	-8,94051481	0,086	0,318
CHR5	1E+07	CHR5:10068911	SSF x Near_LoA	-6,78121725	-0,088	0,318
CHR5	1E+07	CHR5:10069000	SSF x Near_LoA	-7,91181693	0,063	0,307
CHR5	1E+07	CHR5:10069955	SSF x Near_LoA	-8,92130331	-0,076	0,302
CHR5	1E+07	CHR5:10070053	SSF x Near_LoA	-6,11250098	-0,057	0,314
CHR5	100750	CHR5:100750	SSF x Near_LoA	-8,46321263	0,050	0,314
CHR5	1E+07	CHR5:10075032	SSF x Near_LoA	-6,17331776	0,139	0,304
CHR5	1E+07	CHR5:10075051	SSF x Near_LoA	-6,20525178	-0,108	0,309
CHR5	1E+07	CHR5:10075087	SSF x Near_LoA	-8,9477619	-0,120	0,298
CHR5	1E+07	CHR5:10081636	SSF x Near_LoA	-8,72951533	-0,005	0,308
CHR5	1E+07	CHR5:10093449	SSF x Near_LoA	-7,6675841	0,033	0,298
CHR5	1E+07	CHR5:10093535	SSF x Near_LoA	-7,12454379	-0,170	0,290
CHR5	1E+07	CHR5:10093540	SSF x Near_LoA	-9,1957259	-0,113	0,303
CHR5	1E+07	CHR5:10093578	SSF x Near_LoA	-7,37116425	-0,159	0,311
CHR5	1E+07	CHR5:10093606	SSF x Near_LoA	-11,1207533	-0,051	0,306
CHR5	1E+07	CHR5:10095660	SSF x Near_LoA	-7,69759369	0,058	0,320
CHR5	1E+07	CHR5:10111994	SSF x Near_LoA	-5,17857174	0,139	0,304
CHR5	1E+07	CHR5:10112965	SSF x Near_LoA	-8,35919511	-0,013	0,308
CHR5	1E+07	CHR5:10113085	SSF x Near_LoA	-9,92090957	-0,007	0,293
CHR5	1E+07	CHR5:10115027	SSF x Near_LoA	-11,6388756	0,033	0,316
CHR5	1E+07	CHR5:10115093	SSF x Near_LoA	-6,35916726	-0,114	0,300
CHR5	1E+07	CHR5:10116648	SSF x Near_LoA	-9,54509845	0,051	0,297
CHR5	1E+07	CHR5:10118343	SSF x Near_LoA	-10,4645232	0,012	0,311
CHR5	1012038	CHR5:1012038	SSF x Near_LoA	-7,35763553	0,070	0,309

CHR5	1012056	CHR5:1012056	SSF x Near_LoA	-8,21046484	0,029	0,307
CHR5	1E+07	CHR5:10164172	SSF x Near_LoA	-8,5738662	0,043	0,294
CHR5	1E+07	CHR5:10164188	SSF x Near_LoA	-8,56372293	0,061	0,305
CHR5	1E+07	CHR5:10164253	SSF x Near_LoA	-9,85792908	0,018	0,311
CHR5	1E+07	CHR5:10164289	SSF x Near_LoA	-8,5174481	0,069	0,309
CHR5	1E+07	CHR5:10164303	SSF x Near_LoA	4,91534432	-0,111	0,314
CHR5	1E+07	CHR5:10164407	SSF x Near_LoA	-6,4154979	-0,103	0,297
CHR5	1016793	CHR5:1016793	SSF x Near_LoA	-9,94305761	0,090	0,312
CHR5	1E+07	CHR5:10176455	SSF x Near_LoA	-9,02260994	0,018	0,301
CHR5	1E+07	CHR5:10176473	SSF x Near_LoA	-7,78294571	0,072	0,309
CHR5	1E+07	CHR5:10176502	SSF x Near_LoA	-8,43809729	0,027	0,310
CHR5	1E+07	CHR5:10176522	SSF x Near_LoA	-9,12552209	0,001	0,306
CHR5	1E+07	CHR5:10180608	SSF x Near_LoA	-10,0939297	0,063	0,317
CHR5	1E+07	CHR5:10180731	SSF x Near_LoA	-11,3795683	0,063	0,290
CHR5	1E+07	CHR5:10190744	SSF x Near_LoA	-9,84535872	0,102	0,312
CHR5	1E+07	CHR5:10190858	SSF x Near_LoA	-11,4975192	0,085	0,301
CHR5	1E+07	CHR5:10190976	SSF x Near_LoA	-8,60099829	-0,064	0,314
CHR5	1E+07	CHR5:10202300	SSF x Near_LoA	-10,563485	-0,076	0,323
CHR5	1E+07	CHR5:10221738	SSF x Near_LoA	-8,72540745	0,131	0,308
CHR5	1E+07	CHR5:10227241	SSF x Near_LoA	-11,4427658	0,041	0,304
CHR5	1E+07	CHR5:10227253	SSF x Near_LoA	-9,01829267	-0,071	0,305
CHR5	1E+07	CHR5:10237905	SSF x Near_LoA	-11,6889819	-0,020	0,322
CHR5	1E+07	CHR5:10238135	SSF x Near_LoA	-11,9587976	0,036	0,299
CHR5	1E+07	CHR5:10238145	SSF x Near_LoA	-8,6124164	-0,014	0,307
CHR5	1E+07	CHR5:10247394	SSF x Near_LoA	-8,57201431	0,152	0,309
CHR5	1E+07	CHR5:10247462	SSF x Near_LoA	-8,88598273	-0,098	0,313
CHR5	1E+07	CHR5:10251854	SSF x Near_LoA	-9,35156032	-0,045	0,301
CHR5	1E+07	CHR5:10251874	SSF x Near_LoA	-11,7768931	-0,054	0,304
CHR5	1E+07	CHR5:10260625	SSF x Near_LoA	-9,3591083	-0,131	0,301
CHR5	1E+07	CHR5:10261658	SSF x Near_LoA	-9,4926855	0,054	0,319
CHR5	1E+07	CHR5:10261734	SSF x Near_LoA	-7,52049785	0,206	0,296
CHR5	1E+07	CHR5:10265607	SSF x Near_LoA	-6,61593858	-0,065	0,321
CHR5	1E+07	CHR5:10278877	SSF x Near_LoA	-0,57791941	-0,132	0,294
CHR5	1E+07	CHR5:10278928	SSF x Near_LoA	-8,08671814	-0,128	0,307
CHR5	1E+07	CHR5:10278948	SSF x Near_LoA	-8,57128819	-0,160	0,291
CHR5	1027947	CHR5:1027947	SSF x Near_LoA	-8,90063061	0,006	0,301
CHR5	1028099	CHR5:1028099	SSF x Near_LoA	-8,36949273	-0,035	0,314
CHR5	1028201	CHR5:1028201	SSF x Near_LoA	-10,220982	-0,006	0,313
CHR5	1E+07	CHR5:10288163	SSF x Near_LoA	-10,3662967	0,065	0,314
CHR5	1E+07	CHR5:10290857	SSF x Near_LoA	-9,79869674	0,086	0,298
CHR5	1E+07	CHR5:10310348	SSF x Near_LoA	-10,0363279	-0,045	0,303
CHR5	1032244	CHR5:1032244	SSF x Near_LoA	-10,791974	-0,005	0,305
CHR5	1E+07	CHR5:10337381	SSF x Near_LoA	-10,2439232	0,094	0,313
CHR5	1E+07	CHR5:10337580	SSF x Near_LoA	-7,2414648	-0,141	0,297
CHR5	1E+07	CHR5:10337637	SSF x Near_LoA	-8,24403604	0,059	0,311
CHR5	1033830	CHR5:1033830	SSF x Near_LoA	-9,81197304	-0,092	0,303
CHR5	1033925	CHR5:1033925	SSF x Near_LoA	-6,48625959	-0,079	0,300
CHR5	1E+07	CHR5:10349506	SSF x Near_LoA	-9,75818238	0,049	0,300
CHR5	1E+07	CHR5:10349534	SSF x Near_LoA	-9,08529589	-0,056	0,305
CHR5	1E+07	CHR5:10349538	SSF x Near_LoA	-6,72103964	-0,104	0,309
CHR5	1E+07	CHR5:10363978	SSF x Near_LoA	-10,4822742	-0,074	0,314
CHR5	1E+07	CHR5:10363988	SSF x Near_LoA	-9,15968384	-0,089	0,307
CHR5	1E+07	CHR5:10363997	SSF x Near_LoA	-6,34257657	-0,122	0,295

CHR5	1E+07	CHR5:10364012	SSF x Near_LoA	-6,94074252	-0,166	0,301
CHR5	1E+07	CHR5:10364049	SSF x Near_LoA	-10,2800386	-0,036	0,293
CHR5	1E+07	CHR5:10364087	SSF x Near_LoA	-6,64123177	0,209	0,288
CHR5	1E+07	CHR5:10367292	SSF x Near_LoA	-6,99356103	0,011	0,306
CHR5	1E+07	CHR5:10367295	SSF x Near_LoA	-11,4832239	-0,041	0,303
CHR5	1E+07	CHR5:10367313	SSF x Near_LoA	-7,45492479	0,109	0,314
CHR5	1E+07	CHR5:10375024	SSF x Near_LoA	-9,7738074	-0,087	0,330
CHR5	1E+07	CHR5:10380673	SSF x Near_LoA	-10,9922813	-0,003	0,301
CHR5	1E+07	CHR5:10383014	SSF x Near_LoA	-8,98699845	0,054	0,319
CHR5	1E+07	CHR5:10386000	SSF x Near_LoA	-10,2726544	0,053	0,310
CHR5	1E+07	CHR5:10405192	SSF x Near_LoA	-11,4725146	-0,030	0,317
CHR5	1E+07	CHR5:10405197	SSF x Near_LoA	-6,96837922	0,059	0,304
CHR5	1E+07	CHR5:10405248	SSF x Near_LoA	-10,2705752	-0,041	0,312
CHR5	1E+07	CHR5:10405275	SSF x Near_LoA	-10,507855	0,116	0,308
CHR5	1E+07	CHR5:10408674	SSF x Near_LoA	-9,58384354	0,030	0,312
CHR5	1E+07	CHR5:10408691	SSF x Near_LoA	-10,3621666	0,017	0,314
CHR5	1E+07	CHR5:10408818	SSF x Near_LoA	-7,46084606	0,074	0,310
CHR5	1E+07	CHR5:10413853	SSF x Near_LoA	-8,59694331	0,108	0,297
CHR5	1E+07	CHR5:10413854	SSF x Near_LoA	-4,46915909	-0,145	0,310
CHR5	1E+07	CHR5:10441739	SSF x Near_LoA	-11,8694798	-0,010	0,318
CHR5	1E+07	CHR5:10441752	SSF x Near_LoA	-8,23001976	0,064	0,315
CHR5	1E+07	CHR5:10441805	SSF x Near_LoA	-8,79559925	-0,021	0,295
CHR5	1E+07	CHR5:10445159	SSF x Near_LoA	-8,36693154	0,064	0,310
CHR5	1E+07	CHR5:10445345	SSF x Near_LoA	-9,22353185	0,018	0,310
CHR5	1E+07	CHR5:10445386	SSF x Near_LoA	-9,26359426	0,012	0,309
CHR5	1E+07	CHR5:10448390	SSF x Near_LoA	-11,6749041	-0,022	0,315
CHR5	1E+07	CHR5:10448433	SSF x Near_LoA	-8,20417093	0,030	0,305
CHR5	1E+07	CHR5:10448474	SSF x Near_LoA	-7,10337333	0,040	0,317
CHR5	1E+07	CHR5:10463350	SSF x Near_LoA	-9,40553667	0,054	0,297
CHR5	1047548	CHR5:1047548	SSF x Near_LoA	-7,50228112	-0,127	0,309
CHR5	1047550	CHR5:1047550	SSF x Near_LoA	-3,7371609	-0,160	0,304
CHR5	1047590	CHR5:1047590	SSF x Near_LoA	-6,79113738	-0,120	0,302
CHR5	1047593	CHR5:1047593	SSF x Near_LoA	-6,01456666	0,067	0,303
CHR5	1048046	CHR5:1048046	SSF x Near_LoA	-11,3472941	0,109	0,291
CHR5	1048076	CHR5:1048076	SSF x Near_LoA	-10,5017316	-0,026	0,320
CHR5	1048099	CHR5:1048099	SSF x Near_LoA	-10,5807325	-0,025	0,309
CHR5	10526704	CHR5:10526704	SSF x Near_LoA	-11,5002519	0,001	0,310
CHR5	10528352	CHR5:10528352	SSF x Near_LoA	-8,08685918	-0,035	0,302
CHR5	10531962	CHR5:10531962	SSF x Near_LoA	-8,36898229	0,044	0,300
CHR5	10532151	CHR5:10532151	SSF x Near_LoA	-8,80516806	-0,173	0,307
CHR5	10538921	CHR5:10538921	SSF x Near_LoA	-11,0391283	-0,018	0,311
CHR5	10551626	CHR5:10551626	SSF x Near_LoA	-9,7718514	-0,162	0,304
CHR5	10591507	CHR5:10591507	SSF x Near_LoA	-11,9357283	-0,065	0,302
CHR5	10591597	CHR5:10591597	SSF x Near_LoA	-7,27585329	-0,149	0,297
CHR5	10603404	CHR5:10603404	SSF x Near_LoA	-10,4332752	0,025	0,311
CHR5	10603542	CHR5:10603542	SSF x Near_LoA	-8,24179488	0,022	0,308
CHR5	10611415	CHR5:10611415	SSF x Near_LoA	-6,76829283	0,060	0,315
CHR5	1061349	CHR5:1061349	SSF x Near_LoA	-10,3454839	0,050	0,313
CHR5	1061387	CHR5:1061387	SSF x Near_LoA	-9,57869521	0,023	0,304
CHR5	10629349	CHR5:10629349	SSF x Near_LoA	-8,4013058	-0,014	0,320
CHR5	10629672	CHR5:10629672	SSF x Near_LoA	-5,28888643	0,180	0,301
CHR5	10629690	CHR5:10629690	SSF x Near_LoA	-8,89174899	0,133	0,309
CHR5	10629763	CHR5:10629763	SSF x Near_LoA	-9,70531838	0,064	0,304

CHR5	10634705	CHR5:10634705	SSF x Near_LoA	-10,5621851	0,021	0,307
CHR5	10634907	CHR5:10634907	SSF x Near_LoA	-8,10780491	-0,051	0,312
CHR5	10640727	CHR5:10640727	SSF x Near_LoA	-7,8060819	-0,053	0,306
CHR5	10640735	CHR5:10640735	SSF x Near_LoA	-9,47895147	-0,091	0,312
CHR5	10642951	CHR5:10642951	SSF x Near_LoA	-9,09412525	0,152	0,307
CHR5	10642981	CHR5:10642981	SSF x Near_LoA	-7,80335522	-0,018	0,300
CHR5	10652125	CHR5:10652125	SSF x Near_LoA	-8,98721006	0,096	0,307
CHR5	10652136	CHR5:10652136	SSF x Near_LoA	-9,68051521	-0,010	0,315
CHR5	10652167	CHR5:10652167	SSF x Near_LoA	-4,45145797	-0,056	0,317
CHR5	10665725	CHR5:10665725	SSF x Near_LoA	-11,1435777	-0,026	0,305
CHR5	10665757	CHR5:10665757	SSF x Near_LoA	-6,19871908	-0,034	0,304
CHR5	10665798	CHR5:10665798	SSF x Near_LoA	-11,0570758	-0,073	0,310
CHR5	10665803	CHR5:10665803	SSF x Near_LoA	-8,69126644	-0,026	0,305
CHR5	10665832	CHR5:10665832	SSF x Near_LoA	-6,65954707	-0,126	0,296
CHR5	10665871	CHR5:10665871	SSF x Near_LoA	-10,861907	-0,087	0,312
CHR5	10665877	CHR5:10665877	SSF x Near_LoA	-9,15937658	-0,118	0,301
CHR5	10665886	CHR5:10665886	SSF x Near_LoA	-9,5559533	0,022	0,310
CHR5	10665896	CHR5:10665896	SSF x Near_LoA	-7,47808256	0,011	0,310
CHR5	10665924	CHR5:10665924	SSF x Near_LoA	-9,67302318	-0,054	0,310
CHR5	10665947	CHR5:10665947	SSF x Near_LoA	-10,0164971	-0,045	0,294
CHR5	10665948	CHR5:10665948	SSF x Near_LoA	-8,83191825	-0,036	0,310
CHR5	10668346	CHR5:10668346	SSF x Near_LoA	-7,95016203	-0,017	0,305
CHR5	10668371	CHR5:10668371	SSF x Near_LoA	-11,5986926	-0,076	0,309
CHR5	10668410	CHR5:10668410	SSF x Near_LoA	-10,0474691	0,023	0,301
CHR5	10668899	CHR5:10668899	SSF x Near_LoA	-8,29612909	-0,029	0,305
CHR5	10668939	CHR5:10668939	SSF x Near_LoA	-10,642106	0,010	0,316
CHR5	10668947	CHR5:10668947	SSF x Near_LoA	-9,62957447	0,008	0,302
CHR5	10672340	CHR5:10672340	SSF x Near_LoA	-12,2988196	0,056	0,302
CHR5	10672447	CHR5:10672447	SSF x Near_LoA	-10,1939071	0,058	0,306
CHR5	10676683	CHR5:10676683	SSF x Near_LoA	-2,18624056	0,029	0,300
CHR5	10676768	CHR5:10676768	SSF x Near_LoA	-2,24068689	0,192	0,295
CHR5	10676770	CHR5:10676770	SSF x Near_LoA	-10,2513187	0,057	0,302
CHR5	10676846	CHR5:10676846	SSF x Near_LoA	-5,9080745	-0,107	0,311
CHR5	10676912	CHR5:10676912	SSF x Near_LoA	-11,3286287	0,040	0,300
CHR5	10684959	CHR5:10684959	SSF x Near_LoA	-10,3392049	0,006	0,308
CHR5	10684960	CHR5:10684960	SSF x Near_LoA	-10,6051009	0,033	0,306
CHR5	10684972	CHR5:10684972	SSF x Near_LoA	-11,6494538	0,026	0,314
CHR5	10685007	CHR5:10685007	SSF x Near_LoA	-10,4899611	-0,006	0,313
CHR5	10693711	CHR5:10693711	SSF x Near_LoA	-10,0046563	0,030	0,312
CHR5	10696257	CHR5:10696257	SSF x Near_LoA	-12,3545783	0,055	0,300
CHR5	10696278	CHR5:10696278	SSF x Near_LoA	-9,56584548	0,084	0,291
CHR5	10696406	CHR5:10696406	SSF x Near_LoA	-7,06508008	0,137	0,299
CHR5	10705408	CHR5:10705408	SSF x Near_LoA	-10,4611358	-0,037	0,309
CHR5	10707821	CHR5:10707821	SSF x Near_LoA	-5,26377117	-0,055	0,319
CHR5	10707878	CHR5:10707878	SSF x Near_LoA	-9,98376986	-0,045	0,299
CHR5	10707890	CHR5:10707890	SSF x Near_LoA	-10,7101586	-0,058	0,308
CHR5	10710828	CHR5:10710828	SSF x Near_LoA	-7,75179758	0,064	0,311
CHR5	10710842	CHR5:10710842	SSF x Near_LoA	-7,73520958	0,123	0,301
CHR5	10710870	CHR5:10710870	SSF x Near_LoA	-8,0421538	0,039	0,316
CHR5	10714356	CHR5:10714356	SSF x Near_LoA	-8,7223336	-0,059	0,301
CHR5	10714375	CHR5:10714375	SSF x Near_LoA	-9,21621654	-0,057	0,293
CHR5	10714431	CHR5:10714431	SSF x Near_LoA	-7,84411806	0,095	0,316
CHR5	10714445	CHR5:10714445	SSF x Near_LoA	-8,53739496	0,041	0,314

CHR5	10719519	CHR5:10719519	SSF x Near_LoA	-8,90541646	-0,014	0,297
CHR5	10720815	CHR5:10720815	SSF x Near_LoA	-10,9892858	0,063	0,307
CHR5	10724557	CHR5:10724557	SSF x Near_LoA	-7,21917792	-0,099	0,307
CHR5	10728702	CHR5:10728702	SSF x Near_LoA	-10,6546225	0,102	0,302
CHR5	10728739	CHR5:10728739	SSF x Near_LoA	-11,2615097	-0,074	0,289
CHR5	10728746	CHR5:10728746	SSF x Near_LoA	-10,8681764	0,004	0,300
CHR5	10728776	CHR5:10728776	SSF x Near_LoA	-8,60633508	0,014	0,314
CHR5	10738147	CHR5:10738147	SSF x Near_LoA	-0,7925738	0,072	0,305
CHR5	10738165	CHR5:10738165	SSF x Near_LoA	-8,74685379	-0,068	0,291
CHR5	10738182	CHR5:10738182	SSF x Near_LoA	-2,93180743	-0,146	0,313
CHR5	10738227	CHR5:10738227	SSF x Near_LoA	-10,2261064	-0,120	0,310
CHR5	10738231	CHR5:10738231	SSF x Near_LoA	-10,3820683	-0,153	0,313
CHR5	10738260	CHR5:10738260	SSF x Near_LoA	-8,22024114	-0,140	0,302
CHR5	10738871	CHR5:10738871	SSF x Near_LoA	-9,83158446	0,027	0,304
CHR5	10738876	CHR5:10738876	SSF x Near_LoA	-9,22010207	0,043	0,309
CHR5	10738967	CHR5:10738967	SSF x Near_LoA	-7,88287852	-0,051	0,295
CHR5	10738968	CHR5:10738968	SSF x Near_LoA	-9,03909325	0,065	0,310
CHR5	10738992	CHR5:10738992	SSF x Near_LoA	-11,6458756	-0,002	0,308
CHR5	10746544	CHR5:10746544	SSF x Near_LoA	-8,27657649	-0,077	0,307
CHR5	10746600	CHR5:10746600	SSF x Near_LoA	-8,49765082	-0,068	0,311
CHR5	10746664	CHR5:10746664	SSF x Near_LoA	-8,98411457	-0,083	0,300
CHR5	10746729	CHR5:10746729	SSF x Near_LoA	-9,76003486	-0,048	0,307
CHR5	10758239	CHR5:10758239	SSF x Near_LoA	-11,7733119	0,018	0,298
CHR5	10772419	CHR5:10772419	SSF x Near_LoA	-7,32162038	0,180	0,312
CHR5	10772420	CHR5:10772420	SSF x Near_LoA	-7,22277655	0,032	0,316
CHR5	10772452	CHR5:10772452	SSF x Near_LoA	-8,57966069	-0,089	0,319
CHR5	10772461	CHR5:10772461	SSF x Near_LoA	-11,4781988	0,041	0,294
CHR5	10772489	CHR5:10772489	SSF x Near_LoA	-6,5660224	-0,187	0,279
CHR5	10772498	CHR5:10772498	SSF x Near_LoA	-8,73780185	-0,119	0,312
CHR5	10772617	CHR5:10772617	SSF x Near_LoA	-8,45284682	-0,072	0,297
CHR5	10772622	CHR5:10772622	SSF x Near_LoA	-9,59856691	-0,014	0,313
CHR5	10772631	CHR5:10772631	SSF x Near_LoA	-9,59329786	0,084	0,306
CHR5	10772656	CHR5:10772656	SSF x Near_LoA	-7,89655481	0,071	0,303
CHR5	10772696	CHR5:10772696	SSF x Near_LoA	-9,3806821	0,102	0,294
CHR5	10772709	CHR5:10772709	SSF x Near_LoA	-8,77669332	0,022	0,307
CHR5	10789993	CHR5:10789993	SSF x Near_LoA	-9,02921889	-0,042	0,285
CHR5	10790015	CHR5:10790015	SSF x Near_LoA	-8,21149914	0,118	0,294
CHR5	10790032	CHR5:10790032	SSF x Near_LoA	-9,15307456	0,006	0,292
CHR5	10790035	CHR5:10790035	SSF x Near_LoA	-9,23319128	0,114	0,286
CHR5	10807493	CHR5:10807493	SSF x Near_LoA	-11,6573186	0,052	0,315
CHR5	10807598	CHR5:10807598	SSF x Near_LoA	-2,73470765	0,051	0,307
CHR5	10807631	CHR5:10807631	SSF x Near_LoA	-11,1902241	0,017	0,318
CHR5	10807658	CHR5:10807658	SSF x Near_LoA	-11,2993304	0,027	0,319
CHR5	10807664	CHR5:10807664	SSF x Near_LoA	-9,80806276	0,090	0,305
CHR5	10807694	CHR5:10807694	SSF x Near_LoA	-4,42501928	0,138	0,306
CHR5	10810557	CHR5:10810557	SSF x Near_LoA	-6,46525167	-0,078	0,309
CHR5	10810825	CHR5:10810825	SSF x Near_LoA	-11,3460554	0,046	0,299
CHR5	10816555	CHR5:10816555	SSF x Near_LoA	-7,56321441	0,114	0,313
CHR5	1081738	CHR5:1081738	SSF x Near_LoA	-5,28234233	-0,172	0,291
CHR5	1081837	CHR5:1081837	SSF x Near_LoA	-7,69131825	0,117	0,300
CHR5	1081838	CHR5:1081838	SSF x Near_LoA	-9,40128543	0,053	0,309
CHR5	1081902	CHR5:1081902	SSF x Near_LoA	-5,85947948	0,042	0,302
CHR5	1081938	CHR5:1081938	SSF x Near_LoA	-10,1884522	0,028	0,296

CHR5	10827578	CHR5:10827578	SSF x Near_LoA	-10,8808151	0,029	0,315
CHR5	10827740	CHR5:10827740	SSF x Near_LoA	-8,33760348	0,053	0,304
CHR5	10827835	CHR5:10827835	SSF x Near_LoA	-8,80503391	-0,041	0,319
CHR5	10829710	CHR5:10829710	SSF x Near_LoA	-0,97875459	0,111	0,314
CHR5	10849124	CHR5:10849124	SSF x Near_LoA	-10,69318	-0,118	0,295
CHR5	10849195	CHR5:10849195	SSF x Near_LoA	-3,186183	-0,039	0,316
CHR5	10849226	CHR5:10849226	SSF x Near_LoA	-9,49141071	0,048	0,312
CHR5	10852081	CHR5:10852081	SSF x Near_LoA	-6,5705512	-0,153	0,312
CHR5	10852138	CHR5:10852138	SSF x Near_LoA	-9,86264709	-0,079	0,299
CHR5	10863064	CHR5:10863064	SSF x Near_LoA	-7,93454992	-0,003	0,317
CHR5	10863068	CHR5:10863068	SSF x Near_LoA	-10,2454783	-0,029	0,297
CHR5	10863110	CHR5:10863110	SSF x Near_LoA	-10,5886598	0,064	0,299
CHR5	10875838	CHR5:10875838	SSF x Near_LoA	-9,59497832	-0,021	0,315
CHR5	10875993	CHR5:10875993	SSF x Near_LoA	-8,77414077	-0,034	0,296
CHR5	1088690	CHR5:1088690	SSF x Near_LoA	-10,1812584	0,016	0,311
CHR5	10898285	CHR5:10898285	SSF x Near_LoA	-8,87895997	-0,006	0,296
CHR5	10898295	CHR5:10898295	SSF x Near_LoA	-9,9771542	-0,021	0,300
CHR5	10898346	CHR5:10898346	SSF x Near_LoA	-10,8512437	0,115	0,294
CHR5	10898401	CHR5:10898401	SSF x Near_LoA	-9,65711076	0,072	0,308
CHR5	10908802	CHR5:10908802	SSF x Near_LoA	-10,9146282	0,045	0,294
CHR5	10912645	CHR5:10912645	SSF x Near_LoA	-9,98404487	-0,095	0,286
CHR5	10912677	CHR5:10912677	SSF x Near_LoA	-9,10898515	0,005	0,308
CHR5	10912682	CHR5:10912682	SSF x Near_LoA	-10,8726212	-0,075	0,306
CHR5	10912687	CHR5:10912687	SSF x Near_LoA	-8,86094737	-0,076	0,314
CHR5	10912764	CHR5:10912764	SSF x Near_LoA	-7,62771675	-0,024	0,307
CHR5	10912769	CHR5:10912769	SSF x Near_LoA	-8,40321313	0,109	0,299
CHR5	10912786	CHR5:10912786	SSF x Near_LoA	-9,08808508	0,145	0,299
CHR5	10912819	CHR5:10912819	SSF x Near_LoA	-6,75168262	-0,069	0,313
CHR5	10925867	CHR5:10925867	SSF x Near_LoA	-8,01967041	-0,110	0,301
CHR5	10930244	CHR5:10930244	SSF x Near_LoA	-11,4689727	0,088	0,309
CHR5	10933040	CHR5:10933040	SSF x Near_LoA	-7,80710182	-0,093	0,319
CHR5	10933046	CHR5:10933046	SSF x Near_LoA	-9,06084827	0,079	0,318
CHR5	10934844	CHR5:10934844	SSF x Near_LoA	-8,03523412	-0,080	0,295
CHR5	10934899	CHR5:10934899	SSF x Near_LoA	-8,12959059	0,053	0,308
CHR5	10934966	CHR5:10934966	SSF x Near_LoA	-8,31963818	-0,086	0,311
CHR5	10934981	CHR5:10934981	SSF x Near_LoA	-7,06305622	0,047	0,307
CHR5	10934992	CHR5:10934992	SSF x Near_LoA	-9,01878111	-0,032	0,295
CHR5	10952476	CHR5:10952476	SSF x Near_LoA	-8,08077684	-0,017	0,307
CHR5	10952557	CHR5:10952557	SSF x Near_LoA	-9,5188519	-0,085	0,300
CHR5	10959893	CHR5:10959893	SSF x Near_LoA	-6,19066183	-0,082	0,296
CHR5	10959894	CHR5:10959894	SSF x Near_LoA	-7,59919434	-0,056	0,316
CHR5	10959897	CHR5:10959897	SSF x Near_LoA	-8,78267635	-0,064	0,313
CHR5	10960006	CHR5:10960006	SSF x Near_LoA	-8,43188027	0,052	0,295
CHR5	10960030	CHR5:10960030	SSF x Near_LoA	-9,08177856	-0,019	0,314
CHR5	10960057	CHR5:10960057	SSF x Near_LoA	-9,09316391	0,012	0,308
CHR5	1096230	CHR5:1096230	SSF x Near_LoA	-8,27948129	0,029	0,310
CHR5	1096287	CHR5:1096287	SSF x Near_LoA	-6,77730696	-0,106	0,300
CHR5	1096307	CHR5:1096307	SSF x Near_LoA	-8,45977548	-0,058	0,301
CHR5	1096343	CHR5:1096343	SSF x Near_LoA	-6,89409169	0,144	0,302
CHR5	1096348	CHR5:1096348	SSF x Near_LoA	-6,6359163	0,167	0,298
CHR5	1096375	CHR5:1096375	SSF x Near_LoA	-5,88557497	0,096	0,306
CHR5	10965719	CHR5:10965719	SSF x Near_LoA	-9,38112231	0,076	0,299
CHR5	10988961	CHR5:10988961	SSF x Near_LoA	-7,54635901	-0,092	0,311

CHR5	10988982	CHR5:10988982	SSF x Near_LoA	-9,61329315	-0,052	0,295
CHR5	11005491	CHR5:11005491	SSF x Near_LoA	-8,63614541	0,015	0,309
CHR5	11005492	CHR5:11005492	SSF x Near_LoA	-8,40278144	-0,024	0,310
CHR5	11005548	CHR5:11005548	SSF x Near_LoA	-11,5173508	0,006	0,316
CHR5	11005588	CHR5:11005588	SSF x Near_LoA	-7,46283067	0,063	0,315
CHR5	11005705	CHR5:11005705	SSF x Near_LoA	-8,24924774	-0,032	0,315
CHR5	11005709	CHR5:11005709	SSF x Near_LoA	-6,06857023	0,087	0,309
CHR5	11005711	CHR5:11005711	SSF x Near_LoA	-9,23554172	0,005	0,317
CHR5	11005758	CHR5:11005758	SSF x Near_LoA	-9,12464723	-0,031	0,297
CHR5	11005762	CHR5:11005762	SSF x Near_LoA	-8,29382505	-0,103	0,297
CHR5	11005765	CHR5:11005765	SSF x Near_LoA	-7,59407661	-0,121	0,299
CHR5	11005788	CHR5:11005788	SSF x Near_LoA	-11,2358208	0,077	0,307
CHR5	11019801	CHR5:11019801	SSF x Near_LoA	-10,4895499	0,074	0,301
CHR5	11019805	CHR5:11019805	SSF x Near_LoA	-7,51916146	0,133	0,292
CHR5	11019835	CHR5:11019835	SSF x Near_LoA	-8,73592189	0,037	0,310
CHR5	11021847	CHR5:11021847	SSF x Near_LoA	-8,5068078	-0,170	0,298
CHR5	11021864	CHR5:11021864	SSF x Near_LoA	-9,89299353	-0,030	0,312
CHR5	11021867	CHR5:11021867	SSF x Near_LoA	-9,00755782	-0,159	0,307
CHR5	1102858	CHR5:1102858	SSF x Near_LoA	-9,88667034	0,047	0,308
CHR5	11028758	CHR5:11028758	SSF x Near_LoA	-10,0811156	-0,022	0,305
CHR5	1103012	CHR5:1103012	SSF x Near_LoA	-9,34661874	0,006	0,299
CHR5	1103019	CHR5:1103019	SSF x Near_LoA	-10,0822851	-0,006	0,303
CHR5	11030774	CHR5:11030774	SSF x Near_LoA	-5,36531575	-0,032	0,302
CHR5	11031687	CHR5:11031687	SSF x Near_LoA	-9,19197999	0,030	0,298
CHR5	11037433	CHR5:11037433	SSF x Near_LoA	-12,4302163	-0,016	0,305
CHR5	11046954	CHR5:11046954	SSF x Near_LoA	-4,31096122	0,038	0,301
CHR5	11046983	CHR5:11046983	SSF x Near_LoA	-8,67083157	-0,117	0,308
CHR5	11053980	CHR5:11053980	SSF x Near_LoA	-9,98160637	0,000	0,319
CHR5	11054010	CHR5:11054010	SSF x Near_LoA	-7,6744329	-0,069	0,312
CHR5	11060144	CHR5:11060144	SSF x Near_LoA	-9,02629346	0,031	0,322
CHR5	11060216	CHR5:11060216	SSF x Near_LoA	-10,7855259	-0,043	0,307
CHR5	11079922	CHR5:11079922	SSF x Near_LoA	-10,6334884	-0,010	0,308
CHR5	11088476	CHR5:11088476	SSF x Near_LoA	-8,97075197	0,006	0,309
CHR5	11089183	CHR5:11089183	SSF x Near_LoA	-7,92481778	0,134	0,318
CHR5	11089184	CHR5:11089184	SSF x Near_LoA	-8,3171881	0,025	0,312
CHR5	11089215	CHR5:11089215	SSF x Near_LoA	-9,53217836	0,092	0,304
CHR5	11089256	CHR5:11089256	SSF x Near_LoA	-10,3465537	-0,002	0,301
CHR5	11089287	CHR5:11089287	SSF x Near_LoA	-11,057901	-0,079	0,301
CHR5	11101446	CHR5:11101446	SSF x Near_LoA	-8,60404079	-0,014	0,300
CHR5	11106850	CHR5:11106850	SSF x Near_LoA	-7,81521473	-0,108	0,309
CHR5	11106859	CHR5:11106859	SSF x Near_LoA	-9,03541128	-0,052	0,311
CHR5	11106862	CHR5:11106862	SSF x Near_LoA	-10,9451235	0,005	0,308
CHR5	11106884	CHR5:11106884	SSF x Near_LoA	-10,9719979	0,017	0,314
CHR5	11107017	CHR5:11107017	SSF x Near_LoA	-8,15893148	-0,033	0,300
CHR5	11113858	CHR5:11113858	SSF x Near_LoA	-8,25201389	-0,011	0,309
CHR5	11113894	CHR5:11113894	SSF x Near_LoA	8,2537993	0,077	0,302
CHR5	11113991	CHR5:11113991	SSF x Near_LoA	-8,09264597	-0,047	0,304
CHR5	11114007	CHR5:11114007	SSF x Near_LoA	-9,19082829	0,067	0,300
CHR5	11114058	CHR5:11114058	SSF x Near_LoA	-8,60185072	0,092	0,300
CHR5	11114066	CHR5:11114066	SSF x Near_LoA	-10,1956522	-0,030	0,309
CHR5	11114083	CHR5:11114083	SSF x Near_LoA	-8,4245618	-0,018	0,309
CHR5	11114095	CHR5:11114095	SSF x Near_LoA	-8,46341168	0,004	0,316
CHR5	11118097	CHR5:11118097	SSF x Near_LoA	-8,34888833	0,121	0,296

CHR5	11118100	CHR5:11118100	SSF x Near_LoA	-6,89079017	-0,012	0,318
CHR5	11118158	CHR5:11118158	SSF x Near_LoA	-8,74029027	0,022	0,319
CHR5	11118159	CHR5:11118159	SSF x Near_LoA	-8,78192192	0,018	0,310
CHR5	11118173	CHR5:11118173	SSF x Near_LoA	-7,29015129	0,060	0,306
CHR5	11118281	CHR5:11118281	SSF x Near_LoA	-4,26929781	-0,025	0,309
CHR5	11118291	CHR5:11118291	SSF x Near_LoA	-9,51605613	0,005	0,304
CHR5	11123270	CHR5:11123270	SSF x Near_LoA	-6,42663524	0,065	0,317
CHR5	11123279	CHR5:11123279	SSF x Near_LoA	-8,55141729	-0,069	0,320
CHR5	11123346	CHR5:11123346	SSF x Near_LoA	-8,21652183	-0,022	0,312
CHR5	11132577	CHR5:11132577	SSF x Near_LoA	-8,0730402	0,158	0,292
CHR5	11132585	CHR5:11132585	SSF x Near_LoA	-9,80245148	0,082	0,300
CHR5	11132588	CHR5:11132588	SSF x Near_LoA	-8,16987931	-0,115	0,304
CHR5	11132590	CHR5:11132590	SSF x Near_LoA	-9,46809111	0,080	0,302
CHR5	11132607	CHR5:11132607	SSF x Near_LoA	-7,65876919	-0,009	0,310
CHR5	11132842	CHR5:11132842	SSF x Near_LoA	-0,15710232	0,196	0,298
CHR5	11132868	CHR5:11132868	SSF x Near_LoA	-11,5519393	0,033	0,309
CHR5	11132899	CHR5:11132899	SSF x Near_LoA	-11,0437523	-0,090	0,300
CHR5	11139491	CHR5:11139491	SSF x Near_LoA	-8,6732469	-0,049	0,293
CHR5	11139531	CHR5:11139531	SSF x Near_LoA	-7,55090719	0,134	0,311
CHR5	11139548	CHR5:11139548	SSF x Near_LoA	-9,211798	-0,055	0,310
CHR5	11142740	CHR5:11142740	SSF x Near_LoA	-9,93005453	0,102	0,306
CHR5	11145956	CHR5:11145956	SSF x Near_LoA	-10,5328415	-0,001	0,317
CHR5	11146207	CHR5:11146207	SSF x Near_LoA	-11,0150443	0,027	0,319
CHR5	11146225	CHR5:11146225	SSF x Near_LoA	-8,50737318	-0,019	0,310
CHR5	11150051	CHR5:11150051	SSF x Near_LoA	-10,8857495	0,008	0,312
CHR5	11150175	CHR5:11150175	SSF x Near_LoA	3,46063298	-0,073	0,315
CHR5	11153693	CHR5:11153693	SSF x Near_LoA	-10,1302196	-0,012	0,305
CHR5	11153705	CHR5:11153705	SSF x Near_LoA	-9,00856549	-0,046	0,311
CHR5	11166775	CHR5:11166775	SSF x Near_LoA	-7,57501343	0,084	0,304
CHR5	11166794	CHR5:11166794	SSF x Near_LoA	-10,4629501	-0,082	0,322
CHR5	11166836	CHR5:11166836	SSF x Near_LoA	-10,9388914	0,055	0,301
CHR5	11166843	CHR5:11166843	SSF x Near_LoA	-11,7818394	0,018	0,308
CHR5	11166852	CHR5:11166852	SSF x Near_LoA	-11,6440229	0,004	0,308
CHR5	11166859	CHR5:11166859	SSF x Near_LoA	-10,6333549	0,056	0,311
CHR5	11166870	CHR5:11166870	SSF x Near_LoA	-8,11111507	-0,019	0,316
CHR5	11166871	CHR5:11166871	SSF x Near_LoA	-6,77813128	-0,077	0,315
CHR5	11166879	CHR5:11166879	SSF x Near_LoA	-10,2568188	-0,050	0,314
CHR5	11166881	CHR5:11166881	SSF x Near_LoA	-4,07205785	0,032	0,306
CHR5	11169636	CHR5:11169636	SSF x Near_LoA	-8,82654234	0,008	0,305
CHR5	11169641	CHR5:11169641	SSF x Near_LoA	-4,65159415	-0,119	0,298
CHR5	11169687	CHR5:11169687	SSF x Near_LoA	-9,12313248	0,074	0,305
CHR5	11169761	CHR5:11169761	SSF x Near_LoA	-8,62422891	-0,029	0,316
CHR5	11169771	CHR5:11169771	SSF x Near_LoA	-6,10879914	-0,041	0,320
CHR5	11169774	CHR5:11169774	SSF x Near_LoA	-9,58162981	0,077	0,308
CHR5	11186908	CHR5:11186908	SSF x Near_LoA	-8,99807945	-0,029	0,307
CHR5	11186914	CHR5:11186914	SSF x Near_LoA	-10,0585207	0,056	0,301
CHR5	11186940	CHR5:11186940	SSF x Near_LoA	-10,4569214	0,042	0,304
CHR5	11187024	CHR5:11187024	SSF x Near_LoA	-12,181432	-0,024	0,303
CHR5	1119091	CHR5:1119091	SSF x Near_LoA	-10,291727	0,117	0,307
CHR5	1119117	CHR5:1119117	SSF x Near_LoA	-11,7480778	0,089	0,297
CHR5	11193578	CHR5:11193578	SSF x Near_LoA	-8,61619217	0,054	0,301
CHR5	11193579	CHR5:11193579	SSF x Near_LoA	-9,23618332	0,047	0,308
CHR5	11193593	CHR5:11193593	SSF x Near_LoA	-8,29115126	0,082	0,307

CHR5	11193594	CHR5:11193594	SSF x Near_LoA	-6,55888978	0,090	0,301
CHR5	11193615	CHR5:11193615	SSF x Near_LoA	-11,5979724	-0,027	0,309
CHR5	11193662	CHR5:11193662	SSF x Near_LoA	-10,2599463	0,076	0,316
CHR5	11211594	CHR5:11211594	SSF x Near_LoA	-8,41457249	-0,057	0,302
CHR5	1121269	CHR5:1121269	SSF x Near_LoA	-11,1779444	-0,106	0,295
CHR5	11219686	CHR5:11219686	SSF x Near_LoA	-8,39547944	0,023	0,311
CHR5	11219736	CHR5:11219736	SSF x Near_LoA	-9,61452835	-0,005	0,315
CHR5	11219741	CHR5:11219741	SSF x Near_LoA	-9,59478368	0,004	0,305
CHR5	11219743	CHR5:11219743	SSF x Near_LoA	-5,52797788	0,167	0,294
CHR5	11219757	CHR5:11219757	SSF x Near_LoA	-9,22325687	-0,006	0,319
CHR5	11229529	CHR5:11229529	SSF x Near_LoA	-8,84005173	0,032	0,309
CHR5	11229534	CHR5:11229534	SSF x Near_LoA	-10,5836015	-0,022	0,304
CHR5	11229560	CHR5:11229560	SSF x Near_LoA	-9,70070858	0,041	0,292
CHR5	11229668	CHR5:11229668	SSF x Near_LoA	-11,608282	0,022	0,312
CHR5	11229739	CHR5:11229739	SSF x Near_LoA	-8,74598514	0,032	0,318
CHR5	11241415	CHR5:11241415	SSF x Near_LoA	-11,6493159	0,048	0,310
CHR5	11255498	CHR5:11255498	SSF x Near_LoA	-7,47193884	0,072	0,313
CHR5	11255502	CHR5:11255502	SSF x Near_LoA	7,91416008	0,003	0,311
CHR5	11255516	CHR5:11255516	SSF x Near_LoA	-9,16646491	0,074	0,307
CHR5	11255557	CHR5:11255557	SSF x Near_LoA	-5,75095016	0,088	0,307
CHR5	11255562	CHR5:11255562	SSF x Near_LoA	-9,44207582	0,102	0,304
CHR5	11255585	CHR5:11255585	SSF x Near_LoA	-7,23646868	0,103	0,313
CHR5	11255593	CHR5:11255593	SSF x Near_LoA	-10,0035783	0,055	0,307
CHR5	11255596	CHR5:11255596	SSF x Near_LoA	-9,5636518	0,102	0,298
CHR5	11255598	CHR5:11255598	SSF x Near_LoA	-8,12715681	0,077	0,303
CHR5	11255668	CHR5:11255668	SSF x Near_LoA	-8,63186291	-0,024	0,310
CHR5	11255737	CHR5:11255737	SSF x Near_LoA	-9,34985531	-0,098	0,301
CHR5	1125639	CHR5:1125639	SSF x Near_LoA	-9,70695673	-0,047	0,303
CHR5	1125939	CHR5:1125939	SSF x Near_LoA	-10,8875036	0,059	0,300
CHR5	1125998	CHR5:1125998	SSF x Near_LoA	-6,16636333	0,070	0,308
CHR5	11273910	CHR5:11273910	SSF x Near_LoA	-11,8578246	-0,048	0,300
CHR5	11281656	CHR5:11281656	SSF x Near_LoA	-9,44378759	0,083	0,305
CHR5	11281664	CHR5:11281664	SSF x Near_LoA	-9,13246243	-0,077	0,313
CHR5	11285529	CHR5:11285529	SSF x Near_LoA	-8,61033491	-0,037	0,304
CHR5	11285541	CHR5:11285541	SSF x Near_LoA	-4,64860501	0,125	0,310
CHR5	11285596	CHR5:11285596	SSF x Near_LoA	-9,02735791	0,008	0,299
CHR5	11314247	CHR5:11314247	SSF x Near_LoA	-10,3521124	-0,012	0,332
CHR5	11373056	CHR5:11373056	SSF x Near_LoA	-8,9181178	0,074	0,307
CHR5	11388169	CHR5:11388169	SSF x Near_LoA	-3,78530449	-0,108	0,306
CHR5	1138827	CHR5:1138827	SSF x Near_LoA	-9,62243562	-0,120	0,308
CHR5	1139190	CHR5:1139190	SSF x Near_LoA	-8,19634818	-0,110	0,321
CHR5	11408920	CHR5:11408920	SSF x Near_LoA	-8,5158716	0,014	0,305
CHR5	11429182	CHR5:11429182	SSF x Near_LoA	-8,83147619	-0,078	0,292
CHR5	11429231	CHR5:11429231	SSF x Near_LoA	-8,61870488	-0,119	0,285
CHR5	11429264	CHR5:11429264	SSF x Near_LoA	-7,02004225	-0,086	0,295
CHR5	11434980	CHR5:11434980	SSF x Near_LoA	-10,263806	-0,010	0,291
CHR5	11434989	CHR5:11434989	SSF x Near_LoA	-8,58097354	-0,061	0,299
CHR5	11439307	CHR5:11439307	SSF x Near_LoA	-8,75532797	0,149	0,307
CHR5	11439372	CHR5:11439372	SSF x Near_LoA	-10,4183059	0,097	0,318
CHR5	11439496	CHR5:11439496	SSF x Near_LoA	-8,72225342	-0,082	0,307
CHR5	11446645	CHR5:11446645	SSF x Near_LoA	-9,65437986	-0,101	0,308
CHR5	11451753	CHR5:11451753	SSF x Near_LoA	-9,44430401	0,113	0,296
CHR5	11462811	CHR5:11462811	SSF x Near_LoA	-7,06585416	0,006	0,311

CHR5	11462876	CHR5:11462876	SSF x Near_LoA	-4,82116638	-0,097	0,287
CHR5	11462897	CHR5:11462897	SSF x Near_LoA	-11,4448556	0,017	0,297
CHR5	11462936	CHR5:11462936	SSF x Near_LoA	-9,41863938	0,066	0,296
CHR5	11463013	CHR5:11463013	SSF x Near_LoA	-8,38109959	0,108	0,306
CHR5	11482247	CHR5:11482247	SSF x Near_LoA	-11,3014769	0,036	0,314
CHR5	11482439	CHR5:11482439	SSF x Near_LoA	-9,47042818	-0,049	0,309
CHR5	11482476	CHR5:11482476	SSF x Near_LoA	-9,15653115	-0,019	0,305
CHR5	11482505	CHR5:11482505	SSF x Near_LoA	-10,7032304	0,011	0,310
CHR5	11482510	CHR5:11482510	SSF x Near_LoA	-7,47435922	0,068	0,296
CHR5	1148347	CHR5:1148347	SSF x Near_LoA	-11,4719978	0,049	0,305
CHR5	1148350	CHR5:1148350	SSF x Near_LoA	-10,5464979	0,060	0,310
CHR5	1148351	CHR5:1148351	SSF x Near_LoA	-8,6819214	-0,099	0,307
CHR5	1148370	CHR5:1148370	SSF x Near_LoA	-5,91965801	0,160	0,309
CHR5	11492409	CHR5:11492409	SSF x Near_LoA	-8,95749994	-0,062	0,293
CHR5	11492446	CHR5:11492446	SSF x Near_LoA	-7,7754324	0,113	0,304
CHR5	11497302	CHR5:11497302	SSF x Near_LoA	-10,7736578	0,080	0,306
CHR5	11502683	CHR5:11502683	SSF x Near_LoA	-10,5236148	0,012	0,299
CHR5	11502694	CHR5:11502694	SSF x Near_LoA	-8,43090771	0,053	0,311
CHR5	11509121	CHR5:11509121	SSF x Near_LoA	-11,6690717	-0,033	0,313
CHR5	11517150	CHR5:11517150	SSF x Near_LoA	-9,67618462	0,073	0,312
CHR5	11519624	CHR5:11519624	SSF x Near_LoA	-12,5166157	0,004	0,311
CHR5	11525776	CHR5:11525776	SSF x Near_LoA	1,13553684	0,106	0,287
CHR5	11525787	CHR5:11525787	SSF x Near_LoA	-7,93576097	-0,040	0,325
CHR5	11525808	CHR5:11525808	SSF x Near_LoA	-10,5246331	-0,038	0,313
CHR5	11525879	CHR5:11525879	SSF x Near_LoA	-10,6689323	0,046	0,306
CHR5	11525937	CHR5:11525937	SSF x Near_LoA	-9,11791601	0,026	0,309
CHR5	11525989	CHR5:11525989	SSF x Near_LoA	-9,46651628	-0,036	0,317
CHR5	11529179	CHR5:11529179	SSF x Near_LoA	-9,33624643	0,016	0,295
CHR5	11529212	CHR5:11529212	SSF x Near_LoA	-10,5907743	-0,067	0,299
CHR5	11529228	CHR5:11529228	SSF x Near_LoA	0,13948703	-0,054	0,311
CHR5	11529407	CHR5:11529407	SSF x Near_LoA	-6,51794615	0,039	0,313
CHR5	11533670	CHR5:11533670	SSF x Near_LoA	-7,04648473	-0,067	0,307
CHR5	11533778	CHR5:11533778	SSF x Near_LoA	-10,5657524	0,045	0,294
CHR5	11533848	CHR5:11533848	SSF x Near_LoA	-9,85232487	0,078	0,296
CHR5	11566971	CHR5:11566971	SSF x Near_LoA	-11,0507015	-0,042	0,305
CHR5	11566994	CHR5:11566994	SSF x Near_LoA	-10,6148116	-0,079	0,311
CHR5	11568763	CHR5:11568763	SSF x Near_LoA	-8,30590303	-0,004	0,320
CHR5	11568788	CHR5:11568788	SSF x Near_LoA	-10,0838856	-0,048	0,312
CHR5	11568829	CHR5:11568829	SSF x Near_LoA	-5,4625023	-0,084	0,318
CHR5	11570671	CHR5:11570671	SSF x Near_LoA	-4,69820254	0,186	0,285
CHR5	11570709	CHR5:11570709	SSF x Near_LoA	-7,60583576	-0,101	0,309
CHR5	11570816	CHR5:11570816	SSF x Near_LoA	-9,12026032	0,029	0,315
CHR5	11570923	CHR5:11570923	SSF x Near_LoA	-8,29876483	-0,034	0,315
CHR5	11575941	CHR5:11575941	SSF x Near_LoA	-8,99108332	-0,098	0,305
CHR5	11600980	CHR5:11600980	SSF x Near_LoA	-11,2402529	-0,046	0,308
CHR5	11600983	CHR5:11600983	SSF x Near_LoA	-7,17829281	0,172	0,294
CHR5	11614089	CHR5:11614089	SSF x Near_LoA	-7,9709507	0,015	0,318
CHR5	11614095	CHR5:11614095	SSF x Near_LoA	-11,7215186	0,013	0,312
CHR5	11614096	CHR5:11614096	SSF x Near_LoA	-10,5183404	0,017	0,314
CHR5	11614097	CHR5:11614097	SSF x Near_LoA	-9,16511385	0,022	0,311
CHR5	11614101	CHR5:11614101	SSF x Near_LoA	-8,03451054	0,124	0,310
CHR5	11614167	CHR5:11614167	SSF x Near_LoA	-8,20582178	-0,079	0,326
CHR5	11614212	CHR5:11614212	SSF x Near_LoA	-9,44833257	0,030	0,298

CHR5	11614237	CHR5:11614237	SSF x Near_LoA	-9,58373169	-0,006	0,307
CHR5	11614249	CHR5:11614249	SSF x Near_LoA	-8,8783755	0,000	0,309
CHR5	11614251	CHR5:11614251	SSF x Near_LoA	-9,88216926	-0,014	0,311
CHR5	11644042	CHR5:11644042	SSF x Near_LoA	-9,87542251	-0,053	0,309
CHR5	11644059	CHR5:11644059	SSF x Near_LoA	-7,50853264	0,015	0,311
CHR5	11644062	CHR5:11644062	SSF x Near_LoA	-8,88190454	-0,016	0,305
CHR5	11644092	CHR5:11644092	SSF x Near_LoA	-10,5543311	0,046	0,318
CHR5	11644248	CHR5:11644248	SSF x Near_LoA	-10,4401459	0,026	0,310
CHR5	11647115	CHR5:11647115	SSF x Near_LoA	-8,80436702	0,090	0,307
CHR5	11647269	CHR5:11647269	SSF x Near_LoA	-10,3907177	-0,008	0,305
CHR5	11667739	CHR5:11667739	SSF x Near_LoA	-7,75909211	0,085	0,307
CHR5	11667797	CHR5:11667797	SSF x Near_LoA	-8,37575453	-0,123	0,307
CHR5	11667798	CHR5:11667798	SSF x Near_LoA	-4,80226904	-0,123	0,311
CHR5	11667855	CHR5:11667855	SSF x Near_LoA	-8,92037176	0,008	0,303
CHR5	11667881	CHR5:11667881	SSF x Near_LoA	-9,27058063	-0,029	0,299
CHR5	11667897	CHR5:11667897	SSF x Near_LoA	-8,36706742	-0,047	0,298
CHR5	11667940	CHR5:11667940	SSF x Near_LoA	-9,56117076	0,078	0,325
CHR5	11673172	CHR5:11673172	SSF x Near_LoA	-7,22639236	0,031	0,308
CHR5	11673175	CHR5:11673175	SSF x Near_LoA	-10,543956	-0,007	0,318
CHR5	11673282	CHR5:11673282	SSF x Near_LoA	-10,0277446	-0,063	0,300
CHR5	11673286	CHR5:11673286	SSF x Near_LoA	-8,74675478	0,091	0,306
CHR5	11673344	CHR5:11673344	SSF x Near_LoA	-2,14253143	0,001	0,311
CHR5	11673345	CHR5:11673345	SSF x Near_LoA	2,17929602	-0,090	0,317
CHR5	11673347	CHR5:11673347	SSF x Near_LoA	-7,75987255	-0,027	0,312
CHR5	11673348	CHR5:11673348	SSF x Near_LoA	-9,96671981	0,004	0,318
CHR5	11690247	CHR5:11690247	SSF x Near_LoA	-8,92653823	0,043	0,302
CHR5	11690286	CHR5:11690286	SSF x Near_LoA	-8,58453667	0,012	0,309
CHR5	11690333	CHR5:11690333	SSF x Near_LoA	-9,14310823	0,076	0,313
CHR5	11690339	CHR5:11690339	SSF x Near_LoA	-5,11812273	-0,022	0,313
CHR5	11690351	CHR5:11690351	SSF x Near_LoA	5,48465852	-0,050	0,297
CHR5	11690353	CHR5:11690353	SSF x Near_LoA	-8,88349505	0,025	0,293
CHR5	11690389	CHR5:11690389	SSF x Near_LoA	-10,5858932	-0,037	0,311
CHR5	11691821	CHR5:11691821	SSF x Near_LoA	-7,30318965	-0,098	0,304
CHR5	11695282	CHR5:11695282	SSF x Near_LoA	-11,3308966	0,053	0,306
CHR5	1169666	CHR5:1169666	SSF x Near_LoA	-9,74731289	-0,037	0,312
CHR5	11699618	CHR5:11699618	SSF x Near_LoA	-7,84089712	0,106	0,289
CHR5	11699656	CHR5:11699656	SSF x Near_LoA	-9,85065601	0,021	0,308
CHR5	11699752	CHR5:11699752	SSF x Near_LoA	-10,3377537	0,101	0,290
CHR5	11699789	CHR5:11699789	SSF x Near_LoA	-9,11737555	0,157	0,302
CHR5	11699794	CHR5:11699794	SSF x Near_LoA	-5,13773896	0,007	0,297
CHR5	11703466	CHR5:11703466	SSF x Near_LoA	-9,23245583	-0,071	0,309
CHR5	11716424	CHR5:11716424	SSF x Near_LoA	-12,6555981	-0,013	0,294
CHR5	11716601	CHR5:11716601	SSF x Near_LoA	-10,2338915	-0,056	0,307
CHR5	11739864	CHR5:11739864	SSF x Near_LoA	-6,77057529	-0,009	0,298
CHR5	11741103	CHR5:11741103	SSF x Near_LoA	20,8237756	-0,154	0,316
CHR5	11749123	CHR5:11749123	SSF x Near_LoA	-8,43377179	0,038	0,319
CHR5	11749181	CHR5:11749181	SSF x Near_LoA	-12,0138687	-0,020	0,307
CHR5	11749184	CHR5:11749184	SSF x Near_LoA	-11,4942042	-0,023	0,308
CHR5	11749186	CHR5:11749186	SSF x Near_LoA	-12,0468464	0,008	0,302
CHR5	11752783	CHR5:11752783	SSF x Near_LoA	-6,95949803	0,022	0,308
CHR5	11752836	CHR5:11752836	SSF x Near_LoA	-7,71051483	-0,071	0,310
CHR5	11752862	CHR5:11752862	SSF x Near_LoA	-8,07789163	-0,068	0,317
CHR5	11752896	CHR5:11752896	SSF x Near_LoA	-8,2081283	-0,082	0,314

CHR5	11762841	CHR5:11762841	SSF x Near_LoA	-9,6478419	0,011	0,324
CHR5	11763034	CHR5:11763034	SSF x Near_LoA	-10,5551292	0,031	0,304
CHR5	11763046	CHR5:11763046	SSF x Near_LoA	-12,1440514	0,026	0,309
CHR5	1176510	CHR5:1176510	SSF x Near_LoA	-7,72921128	0,034	0,318
CHR5	11816871	CHR5:11816871	SSF x Near_LoA	-9,95041618	0,016	0,305
CHR5	11867886	CHR5:11867886	SSF x Near_LoA	-10,2473602	-0,014	0,290
CHR5	11875663	CHR5:11875663	SSF x Near_LoA	-8,26443815	0,066	0,310
CHR5	11875736	CHR5:11875736	SSF x Near_LoA	-8,69421487	-0,042	0,310
CHR5	11878856	CHR5:11878856	SSF x Near_LoA	-12,2235526	0,023	0,306
CHR5	11878861	CHR5:11878861	SSF x Near_LoA	-9,45258131	-0,082	0,311
CHR5	11878882	CHR5:11878882	SSF x Near_LoA	-8,55703399	-0,031	0,309
CHR5	11878930	CHR5:11878930	SSF x Near_LoA	-10,7650121	-0,067	0,309
CHR5	11885685	CHR5:11885685	SSF x Near_LoA	-9,62913341	0,105	0,302
CHR5	11885760	CHR5:11885760	SSF x Near_LoA	-8,40512892	-0,170	0,286
CHR5	11885797	CHR5:11885797	SSF x Near_LoA	-9,03221602	-0,064	0,309
CHR5	11890296	CHR5:11890296	SSF x Near_LoA	-7,74313147	-0,049	0,306
CHR5	11890349	CHR5:11890349	SSF x Near_LoA	-8,68522735	-0,136	0,311
CHR5	11890528	CHR5:11890528	SSF x Near_LoA	-4,31366118	0,052	0,300
CHR5	11902217	CHR5:11902217	SSF x Near_LoA	-9,79692031	0,064	0,305
CHR5	1192764	CHR5:1192764	SSF x Near_LoA	-8,75584086	0,078	0,319
CHR5	11934405	CHR5:11934405	SSF x Near_LoA	-8,75816475	-0,057	0,305
CHR5	11936120	CHR5:11936120	SSF x Near_LoA	-8,79220036	-0,053	0,318
CHR5	11936175	CHR5:11936175	SSF x Near_LoA	-6,26835423	0,073	0,309
CHR5	11936187	CHR5:11936187	SSF x Near_LoA	-10,8539526	0,106	0,315
CHR5	11936247	CHR5:11936247	SSF x Near_LoA	-8,81763145	-0,089	0,304
CHR5	11941298	CHR5:11941298	SSF x Near_LoA	-11,4464787	0,005	0,292
CHR5	11941318	CHR5:11941318	SSF x Near_LoA	-10,3580484	-0,007	0,292
CHR5	11941321	CHR5:11941321	SSF x Near_LoA	-11,1927254	0,002	0,294
CHR5	11941347	CHR5:11941347	SSF x Near_LoA	-5,76565396	0,259	0,279
CHR5	11941382	CHR5:11941382	SSF x Near_LoA	-9,92769973	0,020	0,318
CHR5	11941399	CHR5:11941399	SSF x Near_LoA	-10,8139512	-0,003	0,304
CHR5	11941409	CHR5:11941409	SSF x Near_LoA	-11,1431614	-0,036	0,305
CHR5	11941410	CHR5:11941410	SSF x Near_LoA	-10,7060088	0,015	0,304
CHR5	11941424	CHR5:11941424	SSF x Near_LoA	-10,9661026	0,071	0,284
CHR5	11941502	CHR5:11941502	SSF x Near_LoA	-9,26466857	0,063	0,307
CHR5	11941538	CHR5:11941538	SSF x Near_LoA	-9,99029109	-0,004	0,289
CHR5	12016650	CHR5:12016650	SSF x Near_LoA	-11,3529551	0,056	0,293
CHR5	12031031	CHR5:12031031	SSF x Near_LoA	-10,9354174	-0,077	0,301
CHR5	1203622	CHR5:1203622	SSF x Near_LoA	-5,95990059	0,215	0,291
CHR5	1203709	CHR5:1203709	SSF x Near_LoA	-2,32403074	0,221	0,287
CHR5	1203751	CHR5:1203751	SSF x Near_LoA	-9,12336364	-0,097	0,300
CHR5	1203835	CHR5:1203835	SSF x Near_LoA	-10,067786	0,034	0,316
CHR5	12040782	CHR5:12040782	SSF x Near_LoA	-7,04996171	-0,038	0,311
CHR5	12040842	CHR5:12040842	SSF x Near_LoA	-10,2375585	0,055	0,288
CHR5	12063984	CHR5:12063984	SSF x Near_LoA	-11,7152856	0,073	0,309
CHR5	12064151	CHR5:12064151	SSF x Near_LoA	-11,9148467	0,076	0,305
CHR5	12073204	CHR5:12073204	SSF x Near_LoA	-8,04029671	-0,017	0,314
CHR5	12073205	CHR5:12073205	SSF x Near_LoA	-7,987439	-0,060	0,321
CHR5	12073245	CHR5:12073245	SSF x Near_LoA	-8,91857714	-0,082	0,302
CHR5	12073252	CHR5:12073252	SSF x Near_LoA	-7,96327433	-0,033	0,312
CHR5	12073347	CHR5:12073347	SSF x Near_LoA	-10,3076614	-0,090	0,312
CHR5	12073396	CHR5:12073396	SSF x Near_LoA	-8,58448227	0,027	0,294
CHR5	12078748	CHR5:12078748	SSF x Near_LoA	-10,4812823	-0,062	0,313

CHR5	12078819	CHR5:12078819	SSF x Near_LoA	-9,65344464	0,023	0,323
CHR5	12086756	CHR5:12086756	SSF x Near_LoA	-9,80394193	0,127	0,303
CHR5	12086792	CHR5:12086792	SSF x Near_LoA	-9,15294647	-0,090	0,313
CHR5	12086871	CHR5:12086871	SSF x Near_LoA	-8,25140691	-0,014	0,310
CHR5	12086875	CHR5:12086875	SSF x Near_LoA	-9,15423075	-0,066	0,318
CHR5	12086878	CHR5:12086878	SSF x Near_LoA	-10,1421817	-0,011	0,308
CHR5	12086887	CHR5:12086887	SSF x Near_LoA	-9,98533105	0,020	0,301
CHR5	12086900	CHR5:12086900	SSF x Near_LoA	-10,0189827	-0,008	0,311
CHR5	12086915	CHR5:12086915	SSF x Near_LoA	-5,71822156	-0,032	0,315
CHR5	12115901	CHR5:12115901	SSF x Near_LoA	-8,05408224	0,090	0,309
CHR5	12115961	CHR5:12115961	SSF x Near_LoA	-7,12668316	-0,131	0,305
CHR5	12119476	CHR5:12119476	SSF x Near_LoA	-7,88970812	-0,021	0,307
CHR5	12119477	CHR5:12119477	SSF x Near_LoA	-9,91107334	-0,016	0,292
CHR5	12119495	CHR5:12119495	SSF x Near_LoA	-9,35428949	0,107	0,305
CHR5	12119572	CHR5:12119572	SSF x Near_LoA	-9,42855167	-0,097	0,311
CHR5	12119575	CHR5:12119575	SSF x Near_LoA	-10,5950908	-0,080	0,304
CHR5	12119586	CHR5:12119586	SSF x Near_LoA	-6,96178187	0,134	0,318
CHR5	12119598	CHR5:12119598	SSF x Near_LoA	-8,52204034	0,053	0,305
CHR5	12119679	CHR5:12119679	SSF x Near_LoA	-6,74049378	-0,178	0,296
CHR5	12119726	CHR5:12119726	SSF x Near_LoA	-10,2491001	-0,078	0,297
CHR5	12122758	CHR5:12122758	SSF x Near_LoA	-5,57682779	0,135	0,314
CHR5	12122850	CHR5:12122850	SSF x Near_LoA	-11,9637266	-0,004	0,312
CHR5	12122879	CHR5:12122879	SSF x Near_LoA	-10,0992995	0,052	0,302
CHR5	12129774	CHR5:12129774	SSF x Near_LoA	-10,6535699	-0,008	0,302
CHR5	12129798	CHR5:12129798	SSF x Near_LoA	-7,47372595	-0,037	0,309
CHR5	12129802	CHR5:12129802	SSF x Near_LoA	-9,60484456	0,020	0,309
CHR5	12129806	CHR5:12129806	SSF x Near_LoA	-7,87620021	-0,008	0,309
CHR5	12131144	CHR5:12131144	SSF x Near_LoA	-6,60892115	0,113	0,285
CHR5	12131166	CHR5:12131166	SSF x Near_LoA	-6,37352533	-0,043	0,309
CHR5	12131170	CHR5:12131170	SSF x Near_LoA	-8,76402898	-0,040	0,310
CHR5	12131214	CHR5:12131214	SSF x Near_LoA	-10,9203276	-0,078	0,291
CHR5	12136997	CHR5:12136997	SSF x Near_LoA	-7,00362009	0,180	0,304
CHR5	1214650	CHR5:1214650	SSF x Near_LoA	-10,8569143	-0,080	0,316
CHR5	12154253	CHR5:12154253	SSF x Near_LoA	-8,76420639	0,039	0,318
CHR5	12177270	CHR5:12177270	SSF x Near_LoA	-8,39659568	-0,015	0,315
CHR5	12177352	CHR5:12177352	SSF x Near_LoA	-10,9484789	0,073	0,302
CHR5	12181983	CHR5:12181983	SSF x Near_LoA	-3,62198663	0,139	0,307
CHR5	12182037	CHR5:12182037	SSF x Near_LoA	-10,4099706	-0,072	0,329
CHR5	12182101	CHR5:12182101	SSF x Near_LoA	-10,5657124	-0,026	0,307
CHR5	12182132	CHR5:12182132	SSF x Near_LoA	-8,54536439	-0,033	0,322
CHR5	1219427	CHR5:1219427	SSF x Near_LoA	-10,334358	-0,048	0,315
CHR5	12195365	CHR5:12195365	SSF x Near_LoA	-8,34345159	-0,001	0,311
CHR5	12200017	CHR5:12200017	SSF x Near_LoA	-9,40023857	-0,125	0,296
CHR5	12200035	CHR5:12200035	SSF x Near_LoA	-9,20784609	0,000	0,305
CHR5	12200155	CHR5:12200155	SSF x Near_LoA	-6,90910125	0,161	0,307
CHR5	12200157	CHR5:12200157	SSF x Near_LoA	-8,700524	-0,006	0,310
CHR5	12200230	CHR5:12200230	SSF x Near_LoA	-6,11977023	-0,157	0,305
CHR5	12202419	CHR5:12202419	SSF x Near_LoA	-10,6569611	0,040	0,300
CHR5	12202448	CHR5:12202448	SSF x Near_LoA	-8,49119758	0,063	0,315
CHR5	12202471	CHR5:12202471	SSF x Near_LoA	-8,68661902	-0,098	0,313
CHR5	12202484	CHR5:12202484	SSF x Near_LoA	-9,64145974	-0,006	0,301
CHR5	12202604	CHR5:12202604	SSF x Near_LoA	-9,8021599	0,056	0,298
CHR5	12212719	CHR5:12212719	SSF x Near_LoA	-10,0203759	0,067	0,315

CHR5	12212721	CHR5:12212721	SSF x Near_LoA	-8,50029731	-0,111	0,300
CHR5	12212728	CHR5:12212728	SSF x Near_LoA	-6,60117638	-0,158	0,299
CHR5	12212730	CHR5:12212730	SSF x Near_LoA	-9,30434254	-0,114	0,302
CHR5	12212736	CHR5:12212736	SSF x Near_LoA	-0,59785604	-0,189	0,303
CHR5	12212737	CHR5:12212737	SSF x Near_LoA	-7,62627137	-0,142	0,298
CHR5	12212750	CHR5:12212750	SSF x Near_LoA	-9,38847539	-0,090	0,302
CHR5	12212756	CHR5:12212756	SSF x Near_LoA	6,23837074	-0,185	0,295
CHR5	12212787	CHR5:12212787	SSF x Near_LoA	-8,16770088	0,066	0,319
CHR5	12212802	CHR5:12212802	SSF x Near_LoA	-8,9921166	0,081	0,309
CHR5	12212821	CHR5:12212821	SSF x Near_LoA	-7,9669354	0,021	0,321
CHR5	12212834	CHR5:12212834	SSF x Near_LoA	-8,57277133	-0,025	0,307
CHR5	12212844	CHR5:12212844	SSF x Near_LoA	-8,99709553	0,124	0,300
CHR5	12212968	CHR5:12212968	SSF x Near_LoA	-10,9179438	-0,068	0,307
CHR5	12229270	CHR5:12229270	SSF x Near_LoA	-7,35515147	0,115	0,290
CHR5	12229367	CHR5:12229367	SSF x Near_LoA	-10,7124068	-0,005	0,311
CHR5	12243121	CHR5:12243121	SSF x Near_LoA	-4,58160061	0,096	0,296
CHR5	12243124	CHR5:12243124	SSF x Near_LoA	-4,1866285	-0,176	0,302
CHR5	12243165	CHR5:12243165	SSF x Near_LoA	-5,41952532	0,126	0,305
CHR5	12265328	CHR5:12265328	SSF x Near_LoA	-9,81453111	0,163	0,285
CHR5	12265391	CHR5:12265391	SSF x Near_LoA	-11,9418199	-0,009	0,300
CHR5	12265392	CHR5:12265392	SSF x Near_LoA	-10,2362729	0,017	0,314
CHR5	12266099	CHR5:12266099	SSF x Near_LoA	-9,1430249	0,021	0,304
CHR5	1227227	CHR5:1227227	SSF x Near_LoA	-6,56762158	0,001	0,316
CHR5	1227255	CHR5:1227255	SSF x Near_LoA	-9,06984314	0,039	0,300
CHR5	1227258	CHR5:1227258	SSF x Near_LoA	-9,50832182	-0,045	0,320
CHR5	1227269	CHR5:1227269	SSF x Near_LoA	-9,79386711	-0,028	0,296
CHR5	1227272	CHR5:1227272	SSF x Near_LoA	-9,88811266	-0,048	0,307
CHR5	1227288	CHR5:1227288	SSF x Near_LoA	-9,49120255	0,006	0,304
CHR5	1227338	CHR5:1227338	SSF x Near_LoA	-1,19465406	-0,027	0,315
CHR5	1227341	CHR5:1227341	SSF x Near_LoA	-11,2866962	-0,025	0,305
CHR5	12274741	CHR5:12274741	SSF x Near_LoA	-8,09906609	-0,038	0,317
CHR5	12274789	CHR5:12274789	SSF x Near_LoA	-11,13602	-0,023	0,301
CHR5	12274790	CHR5:12274790	SSF x Near_LoA	-10,3079182	0,002	0,317
CHR5	12274809	CHR5:12274809	SSF x Near_LoA	-9,89073233	0,033	0,307
CHR5	12298037	CHR5:12298037	SSF x Near_LoA	-7,04965222	-0,038	0,312
CHR5	12298038	CHR5:12298038	SSF x Near_LoA	-8,85545028	-0,043	0,311
CHR5	12298146	CHR5:12298146	SSF x Near_LoA	-7,54375938	-0,038	0,308
CHR5	12298171	CHR5:12298171	SSF x Near_LoA	0,26979821	0,033	0,302
CHR5	12298292	CHR5:12298292	SSF x Near_LoA	-7,68800167	0,127	0,308
CHR5	12298300	CHR5:12298300	SSF x Near_LoA	-7,48141995	0,101	0,311
CHR5	12314565	CHR5:12314565	SSF x Near_LoA	-10,5640497	-0,072	0,309
CHR5	12314737	CHR5:12314737	SSF x Near_LoA	-11,8754323	-0,061	0,297
CHR5	12319784	CHR5:12319784	SSF x Near_LoA	-3,75260009	-0,008	0,309
CHR5	12319788	CHR5:12319788	SSF x Near_LoA	-11,7835184	0,003	0,299
CHR5	12319791	CHR5:12319791	SSF x Near_LoA	-10,4874624	0,022	0,314
CHR5	12319793	CHR5:12319793	SSF x Near_LoA	-8,51332952	-0,091	0,308
CHR5	12319918	CHR5:12319918	SSF x Near_LoA	-10,1933467	-0,080	0,324
CHR5	1235575	CHR5:1235575	SSF x Near_LoA	-8,33095407	0,098	0,312
CHR5	12365238	CHR5:12365238	SSF x Near_LoA	-9,09443805	0,022	0,306
CHR5	12365320	CHR5:12365320	SSF x Near_LoA	-7,17021596	-0,055	0,300
CHR5	12365329	CHR5:12365329	SSF x Near_LoA	-9,61930525	0,038	0,305
CHR5	12365332	CHR5:12365332	SSF x Near_LoA	-9,20527498	0,042	0,301
CHR5	12365449	CHR5:12365449	SSF x Near_LoA	-10,5859913	0,066	0,301

CHR5	12365471	CHR5:12365471	SSF x Near_LoA	-12,177011	-0,015	0,299
CHR5	12369090	CHR5:12369090	SSF x Near_LoA	-10,3731783	-0,035	0,300
CHR5	12369091	CHR5:12369091	SSF x Near_LoA	-7,88162914	-0,073	0,317
CHR5	12369122	CHR5:12369122	SSF x Near_LoA	-8,5633723	0,117	0,308
CHR5	12369212	CHR5:12369212	SSF x Near_LoA	-2,52936096	0,124	0,298
CHR5	12369217	CHR5:12369217	SSF x Near_LoA	-10,1774229	0,053	0,294
CHR5	12372075	CHR5:12372075	SSF x Near_LoA	-11,6103298	0,083	0,307
CHR5	12372078	CHR5:12372078	SSF x Near_LoA	-8,52347629	-0,043	0,330
CHR5	12372113	CHR5:12372113	SSF x Near_LoA	-6,20786645	0,067	0,315
CHR5	12372271	CHR5:12372271	SSF x Near_LoA	-8,67190245	0,061	0,319
CHR5	12372305	CHR5:12372305	SSF x Near_LoA	-8,98780944	-0,034	0,314
CHR5	12384798	CHR5:12384798	SSF x Near_LoA	-10,8517044	-0,047	0,314
CHR5	12384806	CHR5:12384806	SSF x Near_LoA	-9,61602276	0,019	0,313
CHR5	12384835	CHR5:12384835	SSF x Near_LoA	-9,28919017	0,081	0,303
CHR5	12384899	CHR5:12384899	SSF x Near_LoA	-7,19384439	0,165	0,299
CHR5	12385005	CHR5:12385005	SSF x Near_LoA	-9,32952267	-0,058	0,306
CHR5	12385023	CHR5:12385023	SSF x Near_LoA	-8,2684004	0,064	0,305
CHR5	12385088	CHR5:12385088	SSF x Near_LoA	-8,23552382	-0,084	0,302
CHR5	1239789	CHR5:1239789	SSF x Near_LoA	-10,2867456	-0,117	0,289
CHR5	12402909	CHR5:12402909	SSF x Near_LoA	-8,43519454	0,089	0,316
CHR5	12402990	CHR5:12402990	SSF x Near_LoA	-9,19550868	0,143	0,298
CHR5	12403034	CHR5:12403034	SSF x Near_LoA	-9,64355361	-0,050	0,303
CHR5	12404669	CHR5:12404669	SSF x Near_LoA	-11,5545553	-0,033	0,314
CHR5	12404671	CHR5:12404671	SSF x Near_LoA	-8,04196956	0,002	0,325
CHR5	12404700	CHR5:12404700	SSF x Near_LoA	-10,3755698	0,046	0,314
CHR5	12404765	CHR5:12404765	SSF x Near_LoA	-7,97735345	-0,127	0,309
CHR5	12404788	CHR5:12404788	SSF x Near_LoA	-6,91235257	0,150	0,298
CHR5	12404802	CHR5:12404802	SSF x Near_LoA	0,77316266	-0,178	0,311
CHR5	12404808	CHR5:12404808	SSF x Near_LoA	-9,704406	0,051	0,316
CHR5	12404822	CHR5:12404822	SSF x Near_LoA	-7,45499367	0,020	0,314
CHR5	12404904	CHR5:12404904	SSF x Near_LoA	-7,35818757	-0,085	0,308
CHR5	1240534	CHR5:1240534	SSF x Near_LoA	-8,98918988	-0,039	0,297
CHR5	12423330	CHR5:12423330	SSF x Near_LoA	-5,52923931	0,105	0,298
CHR5	12423358	CHR5:12423358	SSF x Near_LoA	-7,82088004	0,135	0,285
CHR5	12423362	CHR5:12423362	SSF x Near_LoA	-9,18872294	-0,029	0,324
CHR5	12423379	CHR5:12423379	SSF x Near_LoA	-11,1652622	-0,029	0,324
CHR5	12423382	CHR5:12423382	SSF x Near_LoA	-8,85231955	-0,072	0,293
CHR5	12423447	CHR5:12423447	SSF x Near_LoA	-8,9703876	0,081	0,314
CHR5	12423492	CHR5:12423492	SSF x Near_LoA	-9,05641814	-0,023	0,300
CHR5	12423516	CHR5:12423516	SSF x Near_LoA	-9,52175975	-0,112	0,302
CHR5	1242726	CHR5:1242726	SSF x Near_LoA	-9,16236905	-0,064	0,314
CHR5	12441250	CHR5:12441250	SSF x Near_LoA	-9,65020436	0,040	0,303
CHR5	12441276	CHR5:12441276	SSF x Near_LoA	-7,18616608	0,043	0,300
CHR5	12441455	CHR5:12441455	SSF x Near_LoA	-7,39964163	-0,068	0,313
CHR5	12441514	CHR5:12441514	SSF x Near_LoA	-8,42756822	-0,138	0,296
CHR5	12441631	CHR5:12441631	SSF x Near_LoA	-6,98006959	0,139	0,303
CHR5	12453433	CHR5:12453433	SSF x Near_LoA	-10,062769	0,010	0,313
CHR5	12453454	CHR5:12453454	SSF x Near_LoA	-12,2336302	0,001	0,301
CHR5	12453465	CHR5:12453465	SSF x Near_LoA	-9,15059676	-0,055	0,315
CHR5	12456083	CHR5:12456083	SSF x Near_LoA	-5,6770121	0,037	0,312
CHR5	12456148	CHR5:12456148	SSF x Near_LoA	-5,08233439	0,183	0,298
CHR5	12456203	CHR5:12456203	SSF x Near_LoA	-8,89331884	0,139	0,306
CHR5	12456233	CHR5:12456233	SSF x Near_LoA	-8,86866003	-0,031	0,313

CHR5	12456235	CHR5:12456235	SSF x Near_LoA	-11,0213619	0,063	0,322
CHR5	12456237	CHR5:12456237	SSF x Near_LoA	-11,3126298	0,043	0,305
CHR5	12456251	CHR5:12456251	SSF x Near_LoA	-7,09032199	0,149	0,311
CHR5	12456253	CHR5:12456253	SSF x Near_LoA	-9,33390029	-0,081	0,301
CHR5	12456277	CHR5:12456277	SSF x Near_LoA	-10,2158515	-0,039	0,303
CHR5	12461151	CHR5:12461151	SSF x Near_LoA	-7,42878756	0,112	0,299
CHR5	12461229	CHR5:12461229	SSF x Near_LoA	-11,1198177	0,022	0,298
CHR5	12461240	CHR5:12461240	SSF x Near_LoA	-8,86233142	0,113	0,305
CHR5	12461251	CHR5:12461251	SSF x Near_LoA	-9,07293151	-0,138	0,309
CHR5	12461283	CHR5:12461283	SSF x Near_LoA	-9,85154268	-0,015	0,297
CHR5	12461524	CHR5:12461524	SSF x Near_LoA	-5,40515297	0,155	0,294
CHR5	12461572	CHR5:12461572	SSF x Near_LoA	-9,92935404	0,149	0,301
CHR5	12462926	CHR5:12462926	SSF x Near_LoA	-9,13062123	0,145	0,293
CHR5	12462929	CHR5:12462929	SSF x Near_LoA	-9,37221326	0,163	0,298
CHR5	12463058	CHR5:12463058	SSF x Near_LoA	-9,86339622	-0,024	0,289
CHR5	12468748	CHR5:12468748	SSF x Near_LoA	-10,3759663	-0,041	0,311
CHR5	12468749	CHR5:12468749	SSF x Near_LoA	-5,72931594	-0,035	0,312
CHR5	12468902	CHR5:12468902	SSF x Near_LoA	-10,6898964	0,055	0,311
CHR5	12468925	CHR5:12468925	SSF x Near_LoA	-11,2485121	0,060	0,292
CHR5	12468961	CHR5:12468961	SSF x Near_LoA	-11,3455545	-0,007	0,304
CHR5	12468964	CHR5:12468964	SSF x Near_LoA	-9,68697934	-0,069	0,306
CHR5	12469030	CHR5:12469030	SSF x Near_LoA	-8,27034546	0,086	0,319
CHR5	12485588	CHR5:12485588	SSF x Near_LoA	-11,7652729	0,021	0,314
CHR5	12496657	CHR5:12496657	SSF x Near_LoA	-7,94626116	-0,135	0,310
CHR5	12496663	CHR5:12496663	SSF x Near_LoA	-3,22738715	0,189	0,281
CHR5	12496708	CHR5:12496708	SSF x Near_LoA	-8,19860764	-0,098	0,300
CHR5	12496709	CHR5:12496709	SSF x Near_LoA	-10,7600706	0,027	0,314
CHR5	12496713	CHR5:12496713	SSF x Near_LoA	-8,16006889	-0,061	0,326
CHR5	12496775	CHR5:12496775	SSF x Near_LoA	-9,68643725	0,071	0,297
CHR5	12496818	CHR5:12496818	SSF x Near_LoA	-7,39056362	0,132	0,312
CHR5	12496832	CHR5:12496832	SSF x Near_LoA	-9,23655143	0,058	0,315
CHR5	12496862	CHR5:12496862	SSF x Near_LoA	-10,2926225	-0,032	0,297
CHR5	12509214	CHR5:12509214	SSF x Near_LoA	-7,56993308	-0,053	0,320
CHR5	12509253	CHR5:12509253	SSF x Near_LoA	-9,45151138	0,091	0,299
CHR5	12509257	CHR5:12509257	SSF x Near_LoA	-10,1886513	-0,022	0,311
CHR5	12509261	CHR5:12509261	SSF x Near_LoA	-9,65861806	-0,029	0,308
CHR5	12509306	CHR5:12509306	SSF x Near_LoA	-11,1419245	-0,017	0,303
CHR5	12509308	CHR5:12509308	SSF x Near_LoA	-10,3128881	-0,015	0,304
CHR5	12509312	CHR5:12509312	SSF x Near_LoA	-7,43856131	0,068	0,300
CHR5	12510357	CHR5:12510357	SSF x Near_LoA	-8,23117918	-0,074	0,305
CHR5	12510385	CHR5:12510385	SSF x Near_LoA	-10,1746165	0,046	0,304
CHR5	12510390	CHR5:12510390	SSF x Near_LoA	-5,42132068	0,040	0,314
CHR5	12510392	CHR5:12510392	SSF x Near_LoA	-7,43997523	-0,104	0,308
CHR5	12510393	CHR5:12510393	SSF x Near_LoA	-10,041694	0,047	0,302
CHR5	12510399	CHR5:12510399	SSF x Near_LoA	-8,91596991	-0,063	0,313
CHR5	12510579	CHR5:12510579	SSF x Near_LoA	-9,43730607	-0,096	0,308
CHR5	12510580	CHR5:12510580	SSF x Near_LoA	-9,34322508	-0,066	0,312
CHR5	12523952	CHR5:12523952	SSF x Near_LoA	-9,85181725	-0,095	0,313
CHR5	12524060	CHR5:12524060	SSF x Near_LoA	-9,83030484	-0,051	0,300
CHR5	12524138	CHR5:12524138	SSF x Near_LoA	-6,69375178	-0,119	0,305
CHR5	12533327	CHR5:12533327	SSF x Near_LoA	-11,0315086	-0,013	0,305
CHR5	12533337	CHR5:12533337	SSF x Near_LoA	-9,06156801	-0,022	0,310
CHR5	12533342	CHR5:12533342	SSF x Near_LoA	-8,78101568	0,011	0,301

CHR5	12533350	CHR5:12533350	SSF x Near_LoA	-8,33130735	-0,089	0,306
CHR5	12533389	CHR5:12533389	SSF x Near_LoA	6,08780368	0,019	0,318
CHR5	12533419	CHR5:12533419	SSF x Near_LoA	-10,7210121	-0,085	0,315
CHR5	12533427	CHR5:12533427	SSF x Near_LoA	-10,2512051	0,058	0,307
CHR5	12533451	CHR5:12533451	SSF x Near_LoA	-9,17957735	0,055	0,308
CHR5	12533459	CHR5:12533459	SSF x Near_LoA	-8,29812521	0,036	0,299
CHR5	12533932	CHR5:12533932	SSF x Near_LoA	-9,83250042	-0,071	0,322
CHR5	12534036	CHR5:12534036	SSF x Near_LoA	-11,1582126	-0,058	0,302
CHR5	12537496	CHR5:12537496	SSF x Near_LoA	-10,7498607	-0,010	0,305
CHR5	12537526	CHR5:12537526	SSF x Near_LoA	-9,39172492	-0,044	0,312
CHR5	12537546	CHR5:12537546	SSF x Near_LoA	-9,72646157	-0,054	0,311
CHR5	12537633	CHR5:12537633	SSF x Near_LoA	-8,95806466	-0,061	0,312
CHR5	12537635	CHR5:12537635	SSF x Near_LoA	-8,91346671	-0,076	0,311
CHR5	12537678	CHR5:12537678	SSF x Near_LoA	-9,40266714	0,088	0,295
CHR5	12537699	CHR5:12537699	SSF x Near_LoA	-9,14746851	0,029	0,321
CHR5	12540481	CHR5:12540481	SSF x Near_LoA	-8,6414766	0,000	0,311
CHR5	12540534	CHR5:12540534	SSF x Near_LoA	-11,4751874	0,048	0,292
CHR5	12540535	CHR5:12540535	SSF x Near_LoA	-1,77918162	0,097	0,319
CHR5	12540593	CHR5:12540593	SSF x Near_LoA	-10,1472035	0,079	0,306
CHR5	12540595	CHR5:12540595	SSF x Near_LoA	-10,079384	0,098	0,295
CHR5	12540673	CHR5:12540673	SSF x Near_LoA	-9,99639684	0,014	0,306
CHR5	12540682	CHR5:12540682	SSF x Near_LoA	-9,40495871	0,026	0,310
CHR5	12554414	CHR5:12554414	SSF x Near_LoA	-8,74245819	0,022	0,306
CHR5	12554503	CHR5:12554503	SSF x Near_LoA	-9,17682158	0,038	0,290
CHR5	12554527	CHR5:12554527	SSF x Near_LoA	-6,34659475	0,019	0,315
CHR5	12562060	CHR5:12562060	SSF x Near_LoA	-7,8058481	0,104	0,291
CHR5	12562095	CHR5:12562095	SSF x Near_LoA	-11,5655809	-0,085	0,313
CHR5	12562116	CHR5:12562116	SSF x Near_LoA	-9,40079598	-0,053	0,304
CHR5	12562225	CHR5:12562225	SSF x Near_LoA	-8,21330753	0,094	0,305
CHR5	12564499	CHR5:12564499	SSF x Near_LoA	-8,93077984	0,052	0,305
CHR5	12564535	CHR5:12564535	SSF x Near_LoA	-8,09953767	0,005	0,305
CHR5	12564659	CHR5:12564659	SSF x Near_LoA	0,05175376	-0,084	0,293
CHR5	12577943	CHR5:12577943	SSF x Near_LoA	-8,77153206	-0,048	0,312
CHR5	12577965	CHR5:12577965	SSF x Near_LoA	-5,69761313	0,183	0,315
CHR5	12598062	CHR5:12598062	SSF x Near_LoA	-9,22799074	-0,102	0,303
CHR5	12598112	CHR5:12598112	SSF x Near_LoA	-9,44761385	0,166	0,308
CHR5	12598142	CHR5:12598142	SSF x Near_LoA	-11,5733098	0,008	0,292
CHR5	12598163	CHR5:12598163	SSF x Near_LoA	-11,9448866	0,026	0,302
CHR5	12634921	CHR5:12634921	SSF x Near_LoA	-8,45114392	-0,004	0,318
CHR5	12635146	CHR5:12635146	SSF x Near_LoA	-10,1195712	0,047	0,321
CHR5	12635181	CHR5:12635181	SSF x Near_LoA	-7,86253534	-0,045	0,308
CHR5	12635204	CHR5:12635204	SSF x Near_LoA	-10,7573685	-0,026	0,316
CHR5	12635207	CHR5:12635207	SSF x Near_LoA	-11,143264	0,015	0,305
CHR5	126358	CHR5:126358	SSF x Near_LoA	-9,5505079	0,016	0,299
CHR5	12653911	CHR5:12653911	SSF x Near_LoA	-10,801709	-0,081	0,307
CHR5	12653931	CHR5:12653931	SSF x Near_LoA	-9,04780386	-0,063	0,308
CHR5	12699465	CHR5:12699465	SSF x Near_LoA	-10,6498407	0,072	0,310
CHR5	12699496	CHR5:12699496	SSF x Near_LoA	-4,35222344	-0,146	0,299
CHR5	12703511	CHR5:12703511	SSF x Near_LoA	-5,49335221	-0,135	0,296
CHR5	1275506	CHR5:1275506	SSF x Near_LoA	-6,8686639	-0,124	0,298
CHR5	12773143	CHR5:12773143	SSF x Near_LoA	-7,65764139	0,070	0,307
CHR5	12773264	CHR5:12773264	SSF x Near_LoA	-8,8159524	0,132	0,299
CHR5	12773283	CHR5:12773283	SSF x Near_LoA	-9,34594566	0,123	0,303

CHR5	12773285	CHR5:12773285	SSF x Near_LoA	-8,73353423	0,121	0,308
CHR5	12807927	CHR5:12807927	SSF x Near_LoA	1,67091083	0,066	0,315
CHR5	12807961	CHR5:12807961	SSF x Near_LoA	-6,87107417	-0,173	0,299
CHR5	12807964	CHR5:12807964	SSF x Near_LoA	-11,1037557	0,061	0,308
CHR5	12811518	CHR5:12811518	SSF x Near_LoA	-9,29047833	0,077	0,323
CHR5	12811548	CHR5:12811548	SSF x Near_LoA	-9,31648659	0,074	0,310
CHR5	12811559	CHR5:12811559	SSF x Near_LoA	-8,7518774	0,045	0,307
CHR5	12811583	CHR5:12811583	SSF x Near_LoA	-4,71770904	-0,096	0,301
CHR5	12818950	CHR5:12818950	SSF x Near_LoA	-8,86172252	0,166	0,306
CHR5	12818977	CHR5:12818977	SSF x Near_LoA	-4,79009833	0,261	0,282
CHR5	12824389	CHR5:12824389	SSF x Near_LoA	-8,83941143	0,082	0,309
CHR5	12824418	CHR5:12824418	SSF x Near_LoA	-6,90406151	-0,058	0,285
CHR5	12824491	CHR5:12824491	SSF x Near_LoA	-5,46205151	0,126	0,310
CHR5	12824823	CHR5:12824823	SSF x Near_LoA	-11,7841014	0,006	0,306
CHR5	12824834	CHR5:12824834	SSF x Near_LoA	-9,63932378	-0,013	0,314
CHR5	12824868	CHR5:12824868	SSF x Near_LoA	-10,4007577	-0,023	0,312
CHR5	12824873	CHR5:12824873	SSF x Near_LoA	-7,93314479	0,023	0,313
CHR5	12824881	CHR5:12824881	SSF x Near_LoA	-11,1652889	0,002	0,309
CHR5	12824914	CHR5:12824914	SSF x Near_LoA	-10,7651702	-0,001	0,306
CHR5	12824934	CHR5:12824934	SSF x Near_LoA	-9,67412457	-0,005	0,300
CHR5	12837701	CHR5:12837701	SSF x Near_LoA	-10,6544625	-0,005	0,305
CHR5	12837766	CHR5:12837766	SSF x Near_LoA	-9,4386527	0,009	0,299
CHR5	12837778	CHR5:12837778	SSF x Near_LoA	-8,35897543	-0,034	0,304
CHR5	12837791	CHR5:12837791	SSF x Near_LoA	-7,47415912	-0,078	0,301
CHR5	12837845	CHR5:12837845	SSF x Near_LoA	-9,95886875	0,099	0,303
CHR5	12837861	CHR5:12837861	SSF x Near_LoA	-9,24735114	0,128	0,309
CHR5	12837866	CHR5:12837866	SSF x Near_LoA	-8,93219094	0,121	0,296
CHR5	12837930	CHR5:12837930	SSF x Near_LoA	-8,4192977	-0,101	0,319
CHR5	12844801	CHR5:12844801	SSF x Near_LoA	-5,40384358	0,060	0,313
CHR5	12851005	CHR5:12851005	SSF x Near_LoA	-4,88672576	0,123	0,309
CHR5	12851009	CHR5:12851009	SSF x Near_LoA	0,745	0,134	0,304
CHR5	12851700	CHR5:12851700	SSF x Near_LoA	-6,86694722	-0,134	0,295
CHR5	12851733	CHR5:12851733	SSF x Near_LoA	-3,82685881	0,146	0,307
CHR5	12851735	CHR5:12851735	SSF x Near_LoA	-8,08190957	0,149	0,297
CHR5	12851755	CHR5:12851755	SSF x Near_LoA	-6,32832723	0,097	0,292
CHR5	12851766	CHR5:12851766	SSF x Near_LoA	-10,4425653	-0,027	0,296
CHR5	12851770	CHR5:12851770	SSF x Near_LoA	-9,30378568	-0,045	0,303
CHR5	12868078	CHR5:12868078	SSF x Near_LoA	-6,28248044	-0,142	0,291
CHR5	12868181	CHR5:12868181	SSF x Near_LoA	-8,0043249	-0,005	0,305
CHR5	12873685	CHR5:12873685	SSF x Near_LoA	-9,55810476	0,037	0,291
CHR5	12873763	CHR5:12873763	SSF x Near_LoA	-9,43627831	-0,052	0,319
CHR5	12873799	CHR5:12873799	SSF x Near_LoA	-11,4620433	0,024	0,310
CHR5	12873839	CHR5:12873839	SSF x Near_LoA	-10,196061	0,001	0,323
CHR5	12873876	CHR5:12873876	SSF x Near_LoA	-7,37828101	-0,086	0,313
CHR5	12873878	CHR5:12873878	SSF x Near_LoA	-2,23009205	0,076	0,307
CHR5	12885919	CHR5:12885919	SSF x Near_LoA	-10,1669845	-0,014	0,306
CHR5	12885931	CHR5:12885931	SSF x Near_LoA	-9,18818847	-0,026	0,315
CHR5	12886009	CHR5:12886009	SSF x Near_LoA	-10,7269795	0,045	0,307
CHR5	12899309	CHR5:12899309	SSF x Near_LoA	-10,3363777	0,101	0,314
CHR5	12902445	CHR5:12902445	SSF x Near_LoA	-11,2966499	-0,072	0,321
CHR5	12902472	CHR5:12902472	SSF x Near_LoA	2,33725967	0,064	0,321
CHR5	12902506	CHR5:12902506	SSF x Near_LoA	-10,2470954	-0,016	0,305
CHR5	12903615	CHR5:12903615	SSF x Near_LoA	-10,4420518	0,005	0,296

CHR5	12903618	CHR5:12903618	SSF x Near_LoA	-8,28260789	0,042	0,314
CHR5	12903660	CHR5:12903660	SSF x Near_LoA	-11,4334423	0,036	0,297
CHR5	12903711	CHR5:12903711	SSF x Near_LoA	-10,9441621	-0,018	0,313
CHR5	12908391	CHR5:12908391	SSF x Near_LoA	-10,1136594	0,078	0,307
CHR5	12908457	CHR5:12908457	SSF x Near_LoA	-8,04286427	0,024	0,305
CHR5	12908471	CHR5:12908471	SSF x Near_LoA	-6,40800772	0,099	0,315
CHR5	12908515	CHR5:12908515	SSF x Near_LoA	-10,1627849	0,124	0,298
CHR5	12908527	CHR5:12908527	SSF x Near_LoA	-9,97356654	0,075	0,301
CHR5	12908528	CHR5:12908528	SSF x Near_LoA	-8,7302293	-0,147	0,299
CHR5	12908536	CHR5:12908536	SSF x Near_LoA	-8,03316676	-0,073	0,308
CHR5	12908554	CHR5:12908554	SSF x Near_LoA	-9,14235203	-0,056	0,315
CHR5	12916232	CHR5:12916232	SSF x Near_LoA	-9,69728648	-0,129	0,305
CHR5	12916255	CHR5:12916255	SSF x Near_LoA	-10,6098715	-0,007	0,306
CHR5	12916267	CHR5:12916267	SSF x Near_LoA	-7,56298877	-0,092	0,308
CHR5	12926078	CHR5:12926078	SSF x Near_LoA	-7,86477032	0,043	0,299
CHR5	12938965	CHR5:12938965	SSF x Near_LoA	-8,98278486	0,025	0,300
CHR5	12950695	CHR5:12950695	SSF x Near_LoA	-11,1624374	0,000	0,308
CHR5	12950738	CHR5:12950738	SSF x Near_LoA	-6,92217897	0,033	0,306
CHR5	12966180	CHR5:12966180	SSF x Near_LoA	-8,83586669	-0,047	0,296
CHR5	12966298	CHR5:12966298	SSF x Near_LoA	-8,95455701	0,063	0,310
CHR5	12966361	CHR5:12966361	SSF x Near_LoA	-9,77394565	0,099	0,299
CHR5	12966366	CHR5:12966366	SSF x Near_LoA	-8,31356816	0,053	0,299
CHR5	12966490	CHR5:12966490	SSF x Near_LoA	-8,81385125	0,018	0,316
CHR5	12970324	CHR5:12970324	SSF x Near_LoA	-8,18991575	0,007	0,317
CHR5	12970355	CHR5:12970355	SSF x Near_LoA	-9,98989203	0,014	0,328
CHR5	12970432	CHR5:12970432	SSF x Near_LoA	-10,7537419	-0,024	0,299
CHR5	12978916	CHR5:12978916	SSF x Near_LoA	-9,15458158	-0,029	0,307
CHR5	12978970	CHR5:12978970	SSF x Near_LoA	-5,4907626	-0,138	0,293
CHR5	12978971	CHR5:12978971	SSF x Near_LoA	-9,60968655	0,097	0,304
CHR5	12978976	CHR5:12978976	SSF x Near_LoA	-5,48591969	-0,045	0,295
CHR5	12979096	CHR5:12979096	SSF x Near_LoA	-11,4586561	0,126	0,303
CHR5	12980198	CHR5:12980198	SSF x Near_LoA	-11,2517743	-0,032	0,298
CHR5	12980284	CHR5:12980284	SSF x Near_LoA	-11,4835935	0,049	0,316
CHR5	12980330	CHR5:12980330	SSF x Near_LoA	-10,8394998	-0,050	0,306
CHR5	12980341	CHR5:12980341	SSF x Near_LoA	-6,87226245	-0,112	0,321
CHR5	12982929	CHR5:12982929	SSF x Near_LoA	-5,9520818	0,091	0,295
CHR5	12988625	CHR5:12988625	SSF x Near_LoA	-8,91336861	-0,109	0,304
CHR5	12988626	CHR5:12988626	SSF x Near_LoA	-10,8137646	0,045	0,295
CHR5	12988651	CHR5:12988651	SSF x Near_LoA	-7,78140261	-0,058	0,309
CHR5	12988681	CHR5:12988681	SSF x Near_LoA	-11,0034958	-0,018	0,306
CHR5	12988799	CHR5:12988799	SSF x Near_LoA	-11,6781881	0,003	0,288
CHR5	12992345	CHR5:12992345	SSF x Near_LoA	-11,3556858	-0,063	0,299
CHR5	12992406	CHR5:12992406	SSF x Near_LoA	-8,04552904	-0,004	0,314
CHR5	12992417	CHR5:12992417	SSF x Near_LoA	-11,1159624	0,021	0,297
CHR5	12992476	CHR5:12992476	SSF x Near_LoA	-10,2225222	-0,128	0,313
CHR5	12992511	CHR5:12992511	SSF x Near_LoA	-8,6860153	-0,127	0,322
CHR5	12992577	CHR5:12992577	SSF x Near_LoA	-8,96869433	-0,056	0,307
CHR5	12992596	CHR5:12992596	SSF x Near_LoA	-11,4417182	-0,002	0,311
CHR5	12992597	CHR5:12992597	SSF x Near_LoA	-8,46912572	-0,126	0,307
CHR5	13015033	CHR5:13015033	SSF x Near_LoA	-9,46593819	0,038	0,320
CHR5	13037089	CHR5:13037089	SSF x Near_LoA	-8,8901018	0,015	0,313
CHR5	13040146	CHR5:13040146	SSF x Near_LoA	-7,86016726	-0,022	0,321
CHR5	13040264	CHR5:13040264	SSF x Near_LoA	-9,23844812	0,020	0,296

CHR5	13040292	CHR5:13040292	SSF x Near_LoA	-10,286865	-0,006	0,293
CHR5	13046962	CHR5:13046962	SSF x Near_LoA	-9,24679217	-0,001	0,313
CHR5	13046969	CHR5:13046969	SSF x Near_LoA	-7,46566972	-0,045	0,321
CHR5	13047007	CHR5:13047007	SSF x Near_LoA	-11,9773599	0,023	0,287
CHR5	13047359	CHR5:13047359	SSF x Near_LoA	-8,00732784	0,082	0,297
CHR5	13047367	CHR5:13047367	SSF x Near_LoA	-11,4213259	0,081	0,302
CHR5	13047379	CHR5:13047379	SSF x Near_LoA	-8,32022863	0,025	0,307
CHR5	13047395	CHR5:13047395	SSF x Near_LoA	-8,60198587	-0,053	0,300
CHR5	13047399	CHR5:13047399	SSF x Near_LoA	-7,96588215	0,058	0,318
CHR5	13047412	CHR5:13047412	SSF x Near_LoA	-9,22381193	0,035	0,299
CHR5	13059718	CHR5:13059718	SSF x Near_LoA	-5,23556895	0,140	0,303
CHR5	13059755	CHR5:13059755	SSF x Near_LoA	-5,00324235	-0,025	0,308
CHR5	13059760	CHR5:13059760	SSF x Near_LoA	-9,0188603	0,021	0,307
CHR5	13059765	CHR5:13059765	SSF x Near_LoA	-10,9417924	-0,001	0,310
CHR5	13059798	CHR5:13059798	SSF x Near_LoA	-10,7599565	0,051	0,306
CHR5	13074881	CHR5:13074881	SSF x Near_LoA	-10,3984586	0,050	0,283
CHR5	13074882	CHR5:13074882	SSF x Near_LoA	-10,1190123	-0,022	0,312
CHR5	13074888	CHR5:13074888	SSF x Near_LoA	-10,0635453	-0,059	0,299
CHR5	13074890	CHR5:13074890	SSF x Near_LoA	-9,14168633	0,039	0,309
CHR5	13074925	CHR5:13074925	SSF x Near_LoA	-9,98472381	0,129	0,289
CHR5	13074980	CHR5:13074980	SSF x Near_LoA	-6,82757588	-0,048	0,302
CHR5	13074985	CHR5:13074985	SSF x Near_LoA	-7,70563903	-0,052	0,302
CHR5	13074998	CHR5:13074998	SSF x Near_LoA	-7,23799685	-0,026	0,313
CHR5	13075019	CHR5:13075019	SSF x Near_LoA	-9,03755364	0,064	0,304
CHR5	13095906	CHR5:13095906	SSF x Near_LoA	-8,47094366	-0,037	0,329
CHR5	13103335	CHR5:13103335	SSF x Near_LoA	-11,1688761	0,064	0,323
CHR5	13104234	CHR5:13104234	SSF x Near_LoA	-8,63973484	0,110	0,316
CHR5	13104241	CHR5:13104241	SSF x Near_LoA	-7,86654039	-0,125	0,313
CHR5	13107445	CHR5:13107445	SSF x Near_LoA	-3,27339084	-0,156	0,317
CHR5	13107483	CHR5:13107483	SSF x Near_LoA	-8,30361068	-0,106	0,309
CHR5	13107484	CHR5:13107484	SSF x Near_LoA	-6,57642032	-0,110	0,307
CHR5	13112903	CHR5:13112903	SSF x Near_LoA	-9,3988074	0,010	0,311
CHR5	13112970	CHR5:13112970	SSF x Near_LoA	-10,6677613	-0,111	0,305
CHR5	13119048	CHR5:13119048	SSF x Near_LoA	-10,3042742	-0,078	0,305
CHR5	13137333	CHR5:13137333	SSF x Near_LoA	-9,32344189	0,010	0,301
CHR5	13137434	CHR5:13137434	SSF x Near_LoA	-9,57168736	0,113	0,307
CHR5	13137435	CHR5:13137435	SSF x Near_LoA	-10,6132917	0,098	0,309
CHR5	13137527	CHR5:13137527	SSF x Near_LoA	-8,86242544	0,140	0,291
CHR5	13137536	CHR5:13137536	SSF x Near_LoA	-8,30230028	0,003	0,313
CHR5	13146593	CHR5:13146593	SSF x Near_LoA	-10,8901614	0,017	0,307
CHR5	13146594	CHR5:13146594	SSF x Near_LoA	-10,2755104	0,014	0,316
CHR5	13146700	CHR5:13146700	SSF x Near_LoA	-8,54707391	-0,066	0,313
CHR5	13146779	CHR5:13146779	SSF x Near_LoA	-8,96512374	-0,101	0,307
CHR5	13146810	CHR5:13146810	SSF x Near_LoA	-7,5364136	0,066	0,311
CHR5	13146819	CHR5:13146819	SSF x Near_LoA	-7,31883131	0,100	0,313
CHR5	13146836	CHR5:13146836	SSF x Near_LoA	-8,89372344	-0,071	0,309
CHR5	1315314	CHR5:1315314	SSF x Near_LoA	-8,46112047	0,119	0,306
CHR5	1315338	CHR5:1315338	SSF x Near_LoA	-8,57488151	-0,004	0,314
CHR5	13169942	CHR5:13169942	SSF x Near_LoA	-7,5185792	-0,137	0,301
CHR5	13170002	CHR5:13170002	SSF x Near_LoA	-8,41312255	0,046	0,294
CHR5	13170003	CHR5:13170003	SSF x Near_LoA	-11,2730853	0,023	0,307
CHR5	13176098	CHR5:13176098	SSF x Near_LoA	-4,99120574	-0,026	0,315
CHR5	13176848	CHR5:13176848	SSF x Near_LoA	-5,66477442	-0,108	0,322

CHR5	13176895	CHR5:13176895	SSF x Near_LoA	-8,83280569	-0,146	0,296
CHR5	13176911	CHR5:13176911	SSF x Near_LoA	-9,29999034	0,046	0,313
CHR5	13176918	CHR5:13176918	SSF x Near_LoA	-9,81872296	0,074	0,312
CHR5	13176926	CHR5:13176926	SSF x Near_LoA	-8,47867156	0,065	0,314
CHR5	13181614	CHR5:13181614	SSF x Near_LoA	-6,41312247	-0,187	0,297
CHR5	13196989	CHR5:13196989	SSF x Near_LoA	-10,9426527	0,034	0,310
CHR5	13197036	CHR5:13197036	SSF x Near_LoA	-8,90181217	-0,087	0,306
CHR5	13197060	CHR5:13197060	SSF x Near_LoA	-8,49276506	-0,046	0,300
CHR5	13197129	CHR5:13197129	SSF x Near_LoA	-11,0741835	0,018	0,306
CHR5	13202185	CHR5:13202185	SSF x Near_LoA	-4,17973605	-0,181	0,305
CHR5	13202218	CHR5:13202218	SSF x Near_LoA	-3,20455117	0,077	0,310
CHR5	13212629	CHR5:13212629	SSF x Near_LoA	-6,00891915	0,058	0,308
CHR5	13212644	CHR5:13212644	SSF x Near_LoA	-8,29013804	-0,037	0,321
CHR5	13212674	CHR5:13212674	SSF x Near_LoA	-10,2696222	0,075	0,315
CHR5	13212676	CHR5:13212676	SSF x Near_LoA	-9,22775574	-0,022	0,303
CHR5	13212696	CHR5:13212696	SSF x Near_LoA	-9,69540569	-0,010	0,280
CHR5	13212705	CHR5:13212705	SSF x Near_LoA	-11,5027491	0,065	0,305
CHR5	13225705	CHR5:13225705	SSF x Near_LoA	-10,2283171	0,002	0,305
CHR5	13225726	CHR5:13225726	SSF x Near_LoA	-9,30129649	-0,036	0,299
CHR5	13236938	CHR5:13236938	SSF x Near_LoA	-11,2937271	0,087	0,300
CHR5	13236947	CHR5:13236947	SSF x Near_LoA	-8,65318014	0,165	0,282
CHR5	13236948	CHR5:13236948	SSF x Near_LoA	-8,7002351	-0,042	0,301
CHR5	13237087	CHR5:13237087	SSF x Near_LoA	-8,8750035	0,124	0,282
CHR5	13237102	CHR5:13237102	SSF x Near_LoA	-8,85093797	-0,127	0,289
CHR5	13237114	CHR5:13237114	SSF x Near_LoA	-4,82010323	-0,130	0,310
CHR5	13237133	CHR5:13237133	SSF x Near_LoA	-7,25407692	0,127	0,295
CHR5	13238831	CHR5:13238831	SSF x Near_LoA	-10,3510978	-0,153	0,308
CHR5	13238997	CHR5:13238997	SSF x Near_LoA	-7,43490839	0,152	0,292
CHR5	13239035	CHR5:13239035	SSF x Near_LoA	-9,94197672	-0,022	0,320
CHR5	1325480	CHR5:1325480	SSF x Near_LoA	-7,74565541	-0,144	0,302
CHR5	13255284	CHR5:13255284	SSF x Near_LoA	-11,7623533	0,041	0,296
CHR5	13255365	CHR5:13255365	SSF x Near_LoA	-8,76626539	0,002	0,315
CHR5	13255404	CHR5:13255404	SSF x Near_LoA	-9,35138918	-0,012	0,304
CHR5	13255420	CHR5:13255420	SSF x Near_LoA	-8,49732431	0,027	0,306
CHR5	13259721	CHR5:13259721	SSF x Near_LoA	-3,49303489	0,195	0,303
CHR5	13259727	CHR5:13259727	SSF x Near_LoA	-11,5430634	-0,017	0,304
CHR5	13259792	CHR5:13259792	SSF x Near_LoA	-8,28541469	-0,096	0,295
CHR5	13260056	CHR5:13260056	SSF x Near_LoA	-10,1542006	-0,110	0,294
CHR5	13266692	CHR5:13266692	SSF x Near_LoA	-12,1298271	-0,015	0,312
CHR5	13266734	CHR5:13266734	SSF x Near_LoA	-10,2371996	-0,038	0,298
CHR5	13266793	CHR5:13266793	SSF x Near_LoA	-7,75059538	-0,108	0,315
CHR5	13270126	CHR5:13270126	SSF x Near_LoA	-8,47032941	0,072	0,309
CHR5	13270498	CHR5:13270498	SSF x Near_LoA	-8,05845322	-0,040	0,314
CHR5	13270555	CHR5:13270555	SSF x Near_LoA	-10,1708967	0,026	0,303
CHR5	13270559	CHR5:13270559	SSF x Near_LoA	-8,62225063	0,106	0,294
CHR5	13281498	CHR5:13281498	SSF x Near_LoA	-9,63452001	-0,081	0,296
CHR5	13289659	CHR5:13289659	SSF x Near_LoA	-8,40783789	-0,061	0,300
CHR5	13289725	CHR5:13289725	SSF x Near_LoA	-8,49647921	0,004	0,305
CHR5	13289774	CHR5:13289774	SSF x Near_LoA	-8,49680747	-0,024	0,313
CHR5	13289801	CHR5:13289801	SSF x Near_LoA	-11,2997098	-0,071	0,301
CHR5	13289828	CHR5:13289828	SSF x Near_LoA	-8,57342227	0,116	0,306
CHR5	13289844	CHR5:13289844	SSF x Near_LoA	-9,79105764	-0,123	0,316
CHR5	13289848	CHR5:13289848	SSF x Near_LoA	-5,47413567	0,170	0,296

CHR5	13289853	CHR5:13289853	SSF x Near_LoA	-7,8894052	0,056	0,302
CHR5	13289877	CHR5:13289877	SSF x Near_LoA	-7,32713127	0,111	0,302
CHR5	13289905	CHR5:13289905	SSF x Near_LoA	-9,19395894	0,104	0,308
CHR5	13289957	CHR5:13289957	SSF x Near_LoA	-6,32656337	0,154	0,296
CHR5	13289962	CHR5:13289962	SSF x Near_LoA	-9,78423095	0,049	0,316
CHR5	13289964	CHR5:13289964	SSF x Near_LoA	-11,235982	0,066	0,307
CHR5	13303031	CHR5:13303031	SSF x Near_LoA	-8,31426912	-0,125	0,294
CHR5	13303032	CHR5:13303032	SSF x Near_LoA	-11,4363156	0,016	0,310
CHR5	13309126	CHR5:13309126	SSF x Near_LoA	-8,23168297	0,131	0,320
CHR5	13309155	CHR5:13309155	SSF x Near_LoA	-9,16452858	-0,144	0,302
CHR5	13322731	CHR5:13322731	SSF x Near_LoA	-10,8133668	0,050	0,317
CHR5	13322746	CHR5:13322746	SSF x Near_LoA	-8,73621011	-0,111	0,296
CHR5	13322754	CHR5:13322754	SSF x Near_LoA	-10,3552478	0,086	0,321
CHR5	13337123	CHR5:13337123	SSF x Near_LoA	-9,07172034	-0,068	0,308
CHR5	13337136	CHR5:13337136	SSF x Near_LoA	-9,03723715	0,067	0,328
CHR5	13337160	CHR5:13337160	SSF x Near_LoA	-10,9021701	0,015	0,297
CHR5	13337227	CHR5:13337227	SSF x Near_LoA	-10,3256708	-0,065	0,316
CHR5	13337252	CHR5:13337252	SSF x Near_LoA	-10,9163399	-0,087	0,314
CHR5	13337264	CHR5:13337264	SSF x Near_LoA	-10,9943733	-0,098	0,311
CHR5	13338470	CHR5:13338470	SSF x Near_LoA	-8,80830696	-0,031	0,303
CHR5	13338492	CHR5:13338492	SSF x Near_LoA	-6,3446213	-0,106	0,320
CHR5	13338520	CHR5:13338520	SSF x Near_LoA	-7,83343014	0,001	0,306
CHR5	13340736	CHR5:13340736	SSF x Near_LoA	-8,33155715	0,096	0,303
CHR5	13340767	CHR5:13340767	SSF x Near_LoA	-8,82930811	0,078	0,312
CHR5	13340815	CHR5:13340815	SSF x Near_LoA	-9,52058188	0,173	0,296
CHR5	13340829	CHR5:13340829	SSF x Near_LoA	-9,42999454	0,027	0,317
CHR5	13340849	CHR5:13340849	SSF x Near_LoA	-8,09542887	-0,145	0,301
CHR5	13340871	CHR5:13340871	SSF x Near_LoA	-9,60190512	0,127	0,287
CHR5	13346711	CHR5:13346711	SSF x Near_LoA	-7,14062152	0,091	0,301
CHR5	13356784	CHR5:13356784	SSF x Near_LoA	-10,5004814	-0,007	0,315
CHR5	13356809	CHR5:13356809	SSF x Near_LoA	-8,93447473	0,018	0,319
CHR5	13364080	CHR5:13364080	SSF x Near_LoA	-8,70301367	0,017	0,310
CHR5	13364112	CHR5:13364112	SSF x Near_LoA	-8,90587377	0,074	0,306
CHR5	13364167	CHR5:13364167	SSF x Near_LoA	-10,3470409	-0,030	0,334
CHR5	13364248	CHR5:13364248	SSF x Near_LoA	-8,77984662	0,074	0,300
CHR5	13364260	CHR5:13364260	SSF x Near_LoA	-7,78296516	-0,069	0,315
CHR5	13364274	CHR5:13364274	SSF x Near_LoA	7,55674235	-0,061	0,321
CHR5	13364275	CHR5:13364275	SSF x Near_LoA	-8,97936538	-0,076	0,313
CHR5	13364287	CHR5:13364287	SSF x Near_LoA	-11,4328755	0,002	0,308
CHR5	13364342	CHR5:13364342	SSF x Near_LoA	-8,48915342	-0,080	0,313
CHR5	13366509	CHR5:13366509	SSF x Near_LoA	-8,42077807	0,017	0,310
CHR5	13366515	CHR5:13366515	SSF x Near_LoA	-9,50118704	0,006	0,315
CHR5	13366831	CHR5:13366831	SSF x Near_LoA	-11,4713694	-0,017	0,308
CHR5	13385373	CHR5:13385373	SSF x Near_LoA	-10,8905253	0,026	0,298
CHR5	1339365	CHR5:1339365	SSF x Near_LoA	-11,0203271	0,137	0,298
CHR5	1339378	CHR5:1339378	SSF x Near_LoA	-10,2773062	0,012	0,288
CHR5	13396672	CHR5:13396672	SSF x Near_LoA	-10,3695072	-0,038	0,318
CHR5	13396673	CHR5:13396673	SSF x Near_LoA	-10,8315139	-0,080	0,311
CHR5	13396694	CHR5:13396694	SSF x Near_LoA	-10,1909138	-0,073	0,304
CHR5	13396909	CHR5:13396909	SSF x Near_LoA	-9,53101707	-0,036	0,304
CHR5	13402723	CHR5:13402723	SSF x Near_LoA	-9,66903434	-0,001	0,308
CHR5	13402730	CHR5:13402730	SSF x Near_LoA	-10,5139152	0,002	0,302
CHR5	13402834	CHR5:13402834	SSF x Near_LoA	-8,08643616	0,117	0,300

CHR5	13402852	CHR5:13402852	SSF x Near_LoA	-3,90003394	0,106	0,312
CHR5	13409557	CHR5:13409557	SSF x Near_LoA	-8,41968963	-0,083	0,303
CHR5	13409636	CHR5:13409636	SSF x Near_LoA	-10,313003	0,061	0,305
CHR5	13414565	CHR5:13414565	SSF x Near_LoA	-9,71230092	-0,089	0,311
CHR5	13414583	CHR5:13414583	SSF x Near_LoA	-9,41176502	-0,018	0,311
CHR5	13414612	CHR5:13414612	SSF x Near_LoA	-11,2299158	-0,023	0,291
CHR5	13414640	CHR5:13414640	SSF x Near_LoA	-0,97209359	-0,081	0,294
CHR5	13421220	CHR5:13421220	SSF x Near_LoA	-7,5485952	-0,152	0,300
CHR5	13421265	CHR5:13421265	SSF x Near_LoA	-4,11580824	-0,165	0,299
CHR5	13421275	CHR5:13421275	SSF x Near_LoA	-9,70842554	-0,171	0,298
CHR5	13421311	CHR5:13421311	SSF x Near_LoA	-8,97755423	-0,009	0,321
CHR5	13421312	CHR5:13421312	SSF x Near_LoA	-8,84574179	-0,024	0,306
CHR5	13421313	CHR5:13421313	SSF x Near_LoA	-8,79496888	-0,049	0,307
CHR5	13421316	CHR5:13421316	SSF x Near_LoA	-6,07019834	-0,157	0,318
CHR5	13421337	CHR5:13421337	SSF x Near_LoA	-4,95781873	-0,140	0,304
CHR5	13421339	CHR5:13421339	SSF x Near_LoA	-8,08803776	-0,120	0,306
CHR5	13422059	CHR5:13422059	SSF x Near_LoA	-8,07601663	-0,075	0,316
CHR5	13422062	CHR5:13422062	SSF x Near_LoA	-10,4218118	-0,091	0,313
CHR5	13427470	CHR5:13427470	SSF x Near_LoA	-8,07434464	0,065	0,316
CHR5	13427548	CHR5:13427548	SSF x Near_LoA	-11,7032514	-0,008	0,313
CHR5	13427572	CHR5:13427572	SSF x Near_LoA	-11,1351895	0,026	0,312
CHR5	13427644	CHR5:13427644	SSF x Near_LoA	-8,5301598	0,071	0,312
CHR5	13427646	CHR5:13427646	SSF x Near_LoA	-9,92006243	-0,111	0,308
CHR5	13427678	CHR5:13427678	SSF x Near_LoA	-7,67607773	-0,121	0,313
CHR5	13427716	CHR5:13427716	SSF x Near_LoA	-10,950809	0,021	0,315
CHR5	13430428	CHR5:13430428	SSF x Near_LoA	-9,20099518	-0,064	0,299
CHR5	13430490	CHR5:13430490	SSF x Near_LoA	-10,5024663	0,006	0,309
CHR5	13430512	CHR5:13430512	SSF x Near_LoA	-9,13061383	-0,083	0,315
CHR5	13433367	CHR5:13433367	SSF x Near_LoA	-8,59950353	0,078	0,314
CHR5	13459412	CHR5:13459412	SSF x Near_LoA	-8,82384992	-0,012	0,305
CHR5	13459422	CHR5:13459422	SSF x Near_LoA	-9,43177355	0,001	0,293
CHR5	13459445	CHR5:13459445	SSF x Near_LoA	-10,9954072	0,024	0,308
CHR5	13459492	CHR5:13459492	SSF x Near_LoA	-8,95745442	0,008	0,308
CHR5	13459495	CHR5:13459495	SSF x Near_LoA	-6,9838215	0,003	0,298
CHR5	13459667	CHR5:13459667	SSF x Near_LoA	-11,8173492	0,040	0,300
CHR5	13459761	CHR5:13459761	SSF x Near_LoA	-10,8405339	-0,002	0,311
CHR5	1348101	CHR5:1348101	SSF x Near_LoA	-9,16796202	0,026	0,299
CHR5	1348219	CHR5:1348219	SSF x Near_LoA	-8,00250009	-0,015	0,318
CHR5	13483781	CHR5:13483781	SSF x Near_LoA	-10,7909046	0,040	0,307
CHR5	13483788	CHR5:13483788	SSF x Near_LoA	-8,04395924	0,090	0,311
CHR5	13483791	CHR5:13483791	SSF x Near_LoA	-11,0231851	0,001	0,304
CHR5	13483816	CHR5:13483816	SSF x Near_LoA	-11,1620953	0,058	0,309
CHR5	13485039	CHR5:13485039	SSF x Near_LoA	-11,5922746	-0,050	0,305
CHR5	13485268	CHR5:13485268	SSF x Near_LoA	-9,19221109	-0,073	0,308
CHR5	13486377	CHR5:13486377	SSF x Near_LoA	-9,1507187	0,004	0,312
CHR5	13486409	CHR5:13486409	SSF x Near_LoA	-8,60691279	0,086	0,285
CHR5	13486446	CHR5:13486446	SSF x Near_LoA	-8,60374383	-0,010	0,301
CHR5	13490461	CHR5:13490461	SSF x Near_LoA	-8,26800408	-0,109	0,315
CHR5	13490567	CHR5:13490567	SSF x Near_LoA	-4,78892601	0,098	0,301
CHR5	13490617	CHR5:13490617	SSF x Near_LoA	-10,3482233	0,061	0,310
CHR5	13501556	CHR5:13501556	SSF x Near_LoA	-6,95558713	0,045	0,312
CHR5	13501565	CHR5:13501565	SSF x Near_LoA	-9,01151739	-0,025	0,308
CHR5	13501576	CHR5:13501576	SSF x Near_LoA	-9,66830584	0,019	0,299

CHR5	13501615	CHR5:13501615	SSF x Near_LoA	-10,4580295	-0,074	0,317
CHR5	13501638	CHR5:13501638	SSF x Near_LoA	-4,67272493	-0,074	0,316
CHR5	13501667	CHR5:13501667	SSF x Near_LoA	-8,92397531	-0,055	0,309
CHR5	13501702	CHR5:13501702	SSF x Near_LoA	-9,33262603	-0,017	0,283
CHR5	13501779	CHR5:13501779	SSF x Near_LoA	-10,0510099	0,042	0,308
CHR5	13505206	CHR5:13505206	SSF x Near_LoA	-6,10201479	-0,210	0,287
CHR5	13505208	CHR5:13505208	SSF x Near_LoA	-5,35523913	0,181	0,288
CHR5	13505256	CHR5:13505256	SSF x Near_LoA	-9,61504336	0,087	0,306
CHR5	13505297	CHR5:13505297	SSF x Near_LoA	-8,42410618	-0,077	0,304
CHR5	13505315	CHR5:13505315	SSF x Near_LoA	-10,0512726	0,009	0,305
CHR5	13505354	CHR5:13505354	SSF x Near_LoA	-10,6818562	0,098	0,310
CHR5	13505366	CHR5:13505366	SSF x Near_LoA	-7,35897504	-0,165	0,296
CHR5	13505400	CHR5:13505400	SSF x Near_LoA	-8,04398868	0,124	0,320
CHR5	13505407	CHR5:13505407	SSF x Near_LoA	-10,6471694	-0,026	0,309
CHR5	13505432	CHR5:13505432	SSF x Near_LoA	-9,54824883	-0,046	0,300
CHR5	13505457	CHR5:13505457	SSF x Near_LoA	-6,87153429	0,121	0,294
CHR5	13519119	CHR5:13519119	SSF x Near_LoA	-7,2691879	-0,109	0,297
CHR5	13519162	CHR5:13519162	SSF x Near_LoA	-8,19751726	-0,069	0,320
CHR5	13519205	CHR5:13519205	SSF x Near_LoA	-8,58544482	0,091	0,296
CHR5	13519220	CHR5:13519220	SSF x Near_LoA	-9,28283373	-0,066	0,321
CHR5	13521910	CHR5:13521910	SSF x Near_LoA	-7,19302908	-0,107	0,290
CHR5	13521913	CHR5:13521913	SSF x Near_LoA	-10,0842007	-0,031	0,299
CHR5	13521920	CHR5:13521920	SSF x Near_LoA	-6,88488043	0,048	0,312
CHR5	13521929	CHR5:13521929	SSF x Near_LoA	-8,96419578	0,052	0,310
CHR5	13521931	CHR5:13521931	SSF x Near_LoA	-8,46131834	0,103	0,299
CHR5	13521951	CHR5:13521951	SSF x Near_LoA	-8,94132081	0,006	0,306
CHR5	13521967	CHR5:13521967	SSF x Near_LoA	-9,07913826	-0,092	0,301
CHR5	13522004	CHR5:13522004	SSF x Near_LoA	-8,3240483	-0,029	0,296
CHR5	13522011	CHR5:13522011	SSF x Near_LoA	-6,94980006	-0,128	0,299
CHR5	13522015	CHR5:13522015	SSF x Near_LoA	-8,69167753	-0,057	0,306
CHR5	13522034	CHR5:13522034	SSF x Near_LoA	-8,61610166	-0,051	0,309
CHR5	13522049	CHR5:13522049	SSF x Near_LoA	-8,63343819	-0,022	0,303
CHR5	13522057	CHR5:13522057	SSF x Near_LoA	-10,053719	0,118	0,308
CHR5	13522065	CHR5:13522065	SSF x Near_LoA	-7,19926583	0,078	0,323
CHR5	13522072	CHR5:13522072	SSF x Near_LoA	-9,09069509	0,077	0,306
CHR5	13522101	CHR5:13522101	SSF x Near_LoA	-10,5532462	-0,023	0,302
CHR5	13522102	CHR5:13522102	SSF x Near_LoA	-10,9898654	-0,039	0,297
CHR5	13522103	CHR5:13522103	SSF x Near_LoA	-8,64961946	-0,066	0,317
CHR5	13522119	CHR5:13522119	SSF x Near_LoA	-9,64942532	0,008	0,306
CHR5	13522155	CHR5:13522155	SSF x Near_LoA	-10,8680122	-0,028	0,314
CHR5	13522159	CHR5:13522159	SSF x Near_LoA	-10,0015186	0,107	0,314
CHR5	13522179	CHR5:13522179	SSF x Near_LoA	-9,52257921	0,013	0,288
CHR5	13528786	CHR5:13528786	SSF x Near_LoA	-9,07049692	0,117	0,308
CHR5	13528819	CHR5:13528819	SSF x Near_LoA	-9,71587456	-0,023	0,297
CHR5	13551563	CHR5:13551563	SSF x Near_LoA	-8,68402325	-0,084	0,304
CHR5	13563865	CHR5:13563865	SSF x Near_LoA	-10,7251715	0,071	0,314
CHR5	13572340	CHR5:13572340	SSF x Near_LoA	-8,07497276	0,118	0,301
CHR5	13572436	CHR5:13572436	SSF x Near_LoA	-10,9577059	0,124	0,300
CHR5	13573114	CHR5:13573114	SSF x Near_LoA	-9,60966718	-0,069	0,298
CHR5	13577860	CHR5:13577860	SSF x Near_LoA	-11,5920336	0,099	0,304
CHR5	13577976	CHR5:13577976	SSF x Near_LoA	-9,55045655	0,031	0,300
CHR5	13577996	CHR5:13577996	SSF x Near_LoA	-6,36876983	-0,107	0,309
CHR5	13578003	CHR5:13578003	SSF x Near_LoA	-10,5846248	0,133	0,317

CHR5	13578038	CHR5:13578038	SSF x Near_LoA	-8,47519264	-0,011	0,311
CHR5	13578065	CHR5:13578065	SSF x Near_LoA	-11,0098691	-0,045	0,315
CHR5	13579821	CHR5:13579821	SSF x Near_LoA	-10,8368706	0,068	0,300
CHR5	13579829	CHR5:13579829	SSF x Near_LoA	-9,09957227	0,092	0,305
CHR5	13595423	CHR5:13595423	SSF x Near_LoA	-10,1438181	0,000	0,307
CHR5	13595492	CHR5:13595492	SSF x Near_LoA	-6,26543948	0,076	0,312
CHR5	13600823	CHR5:13600823	SSF x Near_LoA	-11,457857	-0,030	0,290
CHR5	13600843	CHR5:13600843	SSF x Near_LoA	-11,3145406	0,036	0,306
CHR5	13600861	CHR5:13600861	SSF x Near_LoA	-3,37907073	0,218	0,292
CHR5	13600962	CHR5:13600962	SSF x Near_LoA	-9,7011957	-0,122	0,306
CHR5	13601012	CHR5:13601012	SSF x Near_LoA	-8,66277662	0,074	0,311
CHR5	13601050	CHR5:13601050	SSF x Near_LoA	-7,69875526	0,041	0,304
CHR5	13608593	CHR5:13608593	SSF x Near_LoA	-9,04844508	-0,023	0,306
CHR5	13608695	CHR5:13608695	SSF x Near_LoA	-10,7019638	-0,043	0,310
CHR5	13608729	CHR5:13608729	SSF x Near_LoA	-8,60478913	0,124	0,316
CHR5	13616144	CHR5:13616144	SSF x Near_LoA	-5,18692969	-0,129	0,311
CHR5	13616208	CHR5:13616208	SSF x Near_LoA	-8,6843303	0,087	0,284
CHR5	13616251	CHR5:13616251	SSF x Near_LoA	-8,2644719	0,080	0,317
CHR5	13616271	CHR5:13616271	SSF x Near_LoA	-7,36262733	0,083	0,308
CHR5	13621969	CHR5:13621969	SSF x Near_LoA	-9,45768071	0,124	0,298
CHR5	13622042	CHR5:13622042	SSF x Near_LoA	-10,789374	0,001	0,309
CHR5	13622088	CHR5:13622088	SSF x Near_LoA	-5,91249771	-0,053	0,316
CHR5	13622126	CHR5:13622126	SSF x Near_LoA	-11,1764757	-0,020	0,295
CHR5	13622143	CHR5:13622143	SSF x Near_LoA	-10,5938348	-0,054	0,298
CHR5	13622162	CHR5:13622162	SSF x Near_LoA	-8,85052475	-0,098	0,305
CHR5	13634837	CHR5:13634837	SSF x Near_LoA	-11,8831015	-0,015	0,296
CHR5	13635014	CHR5:13635014	SSF x Near_LoA	-6,36330115	0,166	0,295
CHR5	1363502	CHR5:1363502	SSF x Near_LoA	-9,98752751	-0,055	0,307
CHR5	13635067	CHR5:13635067	SSF x Near_LoA	-11,2521122	0,034	0,309
CHR5	13639879	CHR5:13639879	SSF x Near_LoA	-9,65356716	-0,067	0,313
CHR5	13639981	CHR5:13639981	SSF x Near_LoA	-9,06161826	-0,065	0,302
CHR5	13640082	CHR5:13640082	SSF x Near_LoA	-8,25416002	0,152	0,289
CHR5	1364817	CHR5:1364817	SSF x Near_LoA	-9,60983812	-0,073	0,313
CHR5	1364828	CHR5:1364828	SSF x Near_LoA	-11,3659529	0,004	0,295
CHR5	13648540	CHR5:13648540	SSF x Near_LoA	-9,77337722	-0,092	0,311
CHR5	13650412	CHR5:13650412	SSF x Near_LoA	-7,97510524	0,095	0,314
CHR5	13650523	CHR5:13650523	SSF x Near_LoA	-8,2236195	0,044	0,314
CHR5	13650536	CHR5:13650536	SSF x Near_LoA	-9,93394992	-0,045	0,308
CHR5	13650552	CHR5:13650552	SSF x Near_LoA	-9,05143676	-0,096	0,308
CHR5	13650589	CHR5:13650589	SSF x Near_LoA	-8,89399597	-0,001	0,303
CHR5	13650593	CHR5:13650593	SSF x Near_LoA	-10,6646603	0,000	0,313
CHR5	13650610	CHR5:13650610	SSF x Near_LoA	-6,98381841	0,008	0,307
CHR5	13650657	CHR5:13650657	SSF x Near_LoA	-10,5328693	0,046	0,304
CHR5	13650667	CHR5:13650667	SSF x Near_LoA	-8,94072743	0,036	0,320
CHR5	13650685	CHR5:13650685	SSF x Near_LoA	-11,6851367	-0,039	0,313
CHR5	13665036	CHR5:13665036	SSF x Near_LoA	-9,41839281	0,134	0,301
CHR5	13665045	CHR5:13665045	SSF x Near_LoA	-6,17677303	0,096	0,300
CHR5	13665054	CHR5:13665054	SSF x Near_LoA	-8,4056932	0,091	0,304
CHR5	13672331	CHR5:13672331	SSF x Near_LoA	-9,3826134	0,060	0,315
CHR5	13672341	CHR5:13672341	SSF x Near_LoA	-9,37859084	0,010	0,297
CHR5	13672349	CHR5:13672349	SSF x Near_LoA	-10,276661	0,048	0,303
CHR5	13672353	CHR5:13672353	SSF x Near_LoA	-11,7724906	-0,062	0,311
CHR5	13672406	CHR5:13672406	SSF x Near_LoA	-7,76562021	0,071	0,304

CHR5	13672417	CHR5:13672417	SSF x Near_LoA	-9,48972441	-0,012	0,311
CHR5	13672443	CHR5:13672443	SSF x Near_LoA	-6,4946586	0,132	0,295
CHR5	13674927	CHR5:13674927	SSF x Near_LoA	-9,94071104	0,057	0,310
CHR5	13675000	CHR5:13675000	SSF x Near_LoA	-9,72361018	-0,056	0,312
CHR5	13675018	CHR5:13675018	SSF x Near_LoA	-9,79038754	0,025	0,305
CHR5	13694924	CHR5:13694924	SSF x Near_LoA	-3,03481193	-0,030	0,316
CHR5	13699256	CHR5:13699256	SSF x Near_LoA	-9,74117132	0,087	0,314
CHR5	13705154	CHR5:13705154	SSF x Near_LoA	-12,2007091	-0,005	0,288
CHR5	13705179	CHR5:13705179	SSF x Near_LoA	-10,9374448	0,076	0,306
CHR5	13705247	CHR5:13705247	SSF x Near_LoA	-9,4412322	-0,156	0,302
CHR5	13705253	CHR5:13705253	SSF x Near_LoA	-5,0789419	0,232	0,279
CHR5	13706471	CHR5:13706471	SSF x Near_LoA	-0,96880875	-0,078	0,309
CHR5	13706507	CHR5:13706507	SSF x Near_LoA	-8,35146762	0,074	0,310
CHR5	13713270	CHR5:13713270	SSF x Near_LoA	-9,98930091	0,032	0,317
CHR5	13713349	CHR5:13713349	SSF x Near_LoA	-10,3799766	0,007	0,307
CHR5	13713403	CHR5:13713403	SSF x Near_LoA	-10,7970187	0,097	0,304
CHR5	13713468	CHR5:13713468	SSF x Near_LoA	-10,5752025	-0,119	0,307
CHR5	13713472	CHR5:13713472	SSF x Near_LoA	-9,44343527	0,092	0,295
CHR5	1371587	CHR5:1371587	SSF x Near_LoA	-7,65598379	-0,026	0,312
CHR5	13731856	CHR5:13731856	SSF x Near_LoA	-9,53748849	0,042	0,295
CHR5	13738366	CHR5:13738366	SSF x Near_LoA	-8,59478307	0,098	0,313
CHR5	13738382	CHR5:13738382	SSF x Near_LoA	-9,07457796	0,100	0,298
CHR5	13738476	CHR5:13738476	SSF x Near_LoA	-8,03996132	0,012	0,318
CHR5	13741834	CHR5:13741834	SSF x Near_LoA	-10,4761697	0,002	0,310
CHR5	13746635	CHR5:13746635	SSF x Near_LoA	-10,3157117	-0,011	0,326
CHR5	13772081	CHR5:13772081	SSF x Near_LoA	-9,38788652	0,078	0,302
CHR5	1377465	CHR5:1377465	SSF x Near_LoA	-7,65953107	-0,031	0,301
CHR5	1377583	CHR5:1377583	SSF x Near_LoA	-10,2332467	-0,110	0,308
CHR5	13827035	CHR5:13827035	SSF x Near_LoA	-9,01333277	0,041	0,309
CHR5	13827152	CHR5:13827152	SSF x Near_LoA	-10,3353037	0,118	0,302
CHR5	1382972	CHR5:1382972	SSF x Near_LoA	-11,3729826	-0,028	0,311
CHR5	1382976	CHR5:1382976	SSF x Near_LoA	-10,3448473	-0,080	0,301
CHR5	1383026	CHR5:1383026	SSF x Near_LoA	-7,95046195	0,077	0,296
CHR5	1383039	CHR5:1383039	SSF x Near_LoA	-10,3526912	-0,064	0,314
CHR5	1383040	CHR5:1383040	SSF x Near_LoA	-11,4398898	-0,050	0,312
CHR5	13830633	CHR5:13830633	SSF x Near_LoA	-10,4212685	-0,036	0,321
CHR5	13830638	CHR5:13830638	SSF x Near_LoA	-9,55104083	-0,055	0,324
CHR5	13832169	CHR5:13832169	SSF x Near_LoA	-8,6918099	0,141	0,306
CHR5	13832190	CHR5:13832190	SSF x Near_LoA	-9,85629801	0,008	0,325
CHR5	13832237	CHR5:13832237	SSF x Near_LoA	-10,27182	-0,043	0,314
CHR5	13832249	CHR5:13832249	SSF x Near_LoA	-10,3015438	-0,021	0,318
CHR5	13832267	CHR5:13832267	SSF x Near_LoA	-10,2693204	-0,015	0,322
CHR5	13832279	CHR5:13832279	SSF x Near_LoA	-9,65092935	0,004	0,301
CHR5	13837137	CHR5:13837137	SSF x Near_LoA	-9,23952684	0,138	0,297
CHR5	13893723	CHR5:13893723	SSF x Near_LoA	-10,7145219	0,121	0,299
CHR5	13906356	CHR5:13906356	SSF x Near_LoA	-6,94827053	-0,184	0,312
CHR5	13913183	CHR5:13913183	SSF x Near_LoA	-8,3636937	-0,054	0,300
CHR5	1392020	CHR5:1392020	SSF x Near_LoA	-8,09956178	-0,117	0,304
CHR5	13978539	CHR5:13978539	SSF x Near_LoA	-8,21632046	0,003	0,304
CHR5	13986530	CHR5:13986530	SSF x Near_LoA	-9,5923467	-0,127	0,307
CHR5	14001436	CHR5:14001436	SSF x Near_LoA	-9,34841541	0,058	0,308
CHR5	14010248	CHR5:14010248	SSF x Near_LoA	-7,27235876	0,087	0,310
CHR5	14010285	CHR5:14010285	SSF x Near_LoA	-9,20847574	-0,016	0,316

CHR5	14011910	CHR5:14011910	SSF x Near_LoA	-5,00926401	-0,020	0,315
CHR5	14011939	CHR5:14011939	SSF x Near_LoA	-9,52218386	-0,109	0,302
CHR5	14020316	CHR5:14020316	SSF x Near_LoA	-7,25739911	0,063	0,300
CHR5	14020440	CHR5:14020440	SSF x Near_LoA	-11,3691543	-0,021	0,316
CHR5	14029290	CHR5:14029290	SSF x Near_LoA	-8,54540062	0,089	0,305
CHR5	14029310	CHR5:14029310	SSF x Near_LoA	-8,31077572	-0,032	0,326
CHR5	14029440	CHR5:14029440	SSF x Near_LoA	-8,52146027	0,046	0,308
CHR5	14032877	CHR5:14032877	SSF x Near_LoA	-8,75750116	-0,109	0,312
CHR5	14032929	CHR5:14032929	SSF x Near_LoA	-6,23440484	-0,039	0,315
CHR5	14032945	CHR5:14032945	SSF x Near_LoA	-9,74827695	0,046	0,315
CHR5	14037484	CHR5:14037484	SSF x Near_LoA	-7,9907399	-0,060	0,317
CHR5	14037485	CHR5:14037485	SSF x Near_LoA	-8,55595511	-0,078	0,315
CHR5	14037486	CHR5:14037486	SSF x Near_LoA	-9,35637279	-0,055	0,305
CHR5	14037489	CHR5:14037489	SSF x Near_LoA	-9,81193535	-0,043	0,304
CHR5	14053002	CHR5:14053002	SSF x Near_LoA	-8,03326233	-0,041	0,290
CHR5	14053041	CHR5:14053041	SSF x Near_LoA	-2,05788513	-0,076	0,317
CHR5	14053116	CHR5:14053116	SSF x Near_LoA	-7,70361195	-0,046	0,318
CHR5	14071531	CHR5:14071531	SSF x Near_LoA	-11,4566549	-0,116	0,301
CHR5	14071547	CHR5:14071547	SSF x Near_LoA	-8,72544836	-0,029	0,313
CHR5	14071552	CHR5:14071552	SSF x Near_LoA	-9,48997377	-0,037	0,308
CHR5	14071632	CHR5:14071632	SSF x Near_LoA	-8,10824404	0,043	0,293
CHR5	14071650	CHR5:14071650	SSF x Near_LoA	-11,7921322	-0,058	0,310
CHR5	14071674	CHR5:14071674	SSF x Near_LoA	-9,32357971	-0,065	0,304
CHR5	14080980	CHR5:14080980	SSF x Near_LoA	-11,3954812	-0,027	0,307
CHR5	14081051	CHR5:14081051	SSF x Near_LoA	-9,00756579	0,113	0,303
CHR5	14081159	CHR5:14081159	SSF x Near_LoA	-10,7808576	0,042	0,299
CHR5	14107391	CHR5:14107391	SSF x Near_LoA	-9,79231977	0,026	0,308
CHR5	14107446	CHR5:14107446	SSF x Near_LoA	-9,32689764	-0,009	0,306
CHR5	14107629	CHR5:14107629	SSF x Near_LoA	-9,71069296	-0,029	0,308
CHR5	14107630	CHR5:14107630	SSF x Near_LoA	-10,3336365	-0,008	0,303
CHR5	14107631	CHR5:14107631	SSF x Near_LoA	-10,0286876	-0,047	0,316
CHR5	14107635	CHR5:14107635	SSF x Near_LoA	-9,35346019	0,088	0,294
CHR5	14117590	CHR5:14117590	SSF x Near_LoA	-8,71346082	-0,020	0,313
CHR5	14117836	CHR5:14117836	SSF x Near_LoA	-8,4857486	0,000	0,312
CHR5	14126407	CHR5:14126407	SSF x Near_LoA	-9,84440894	-0,057	0,310
CHR5	14126474	CHR5:14126474	SSF x Near_LoA	-8,03349886	-0,130	0,309
CHR5	14126495	CHR5:14126495	SSF x Near_LoA	-8,60778714	-0,157	0,289
CHR5	14126687	CHR5:14126687	SSF x Near_LoA	-9,464555	-0,039	0,307
CHR5	14126706	CHR5:14126706	SSF x Near_LoA	-8,63930193	0,124	0,301
CHR5	14126710	CHR5:14126710	SSF x Near_LoA	-10,3725161	-0,045	0,314
CHR5	14126726	CHR5:14126726	SSF x Near_LoA	-8,43782424	-0,006	0,316
CHR5	14136424	CHR5:14136424	SSF x Near_LoA	-9,08163736	-0,070	0,297
CHR5	14136438	CHR5:14136438	SSF x Near_LoA	-8,48075153	-0,079	0,325
CHR5	14136452	CHR5:14136452	SSF x Near_LoA	-9,25914571	-0,042	0,303
CHR5	14136491	CHR5:14136491	SSF x Near_LoA	-9,68798335	0,010	0,307
CHR5	14136525	CHR5:14136525	SSF x Near_LoA	-11,3559469	-0,084	0,309
CHR5	14136526	CHR5:14136526	SSF x Near_LoA	-10,8037866	-0,072	0,304
CHR5	14136639	CHR5:14136639	SSF x Near_LoA	-7,74629464	-0,103	0,308
CHR5	14136640	CHR5:14136640	SSF x Near_LoA	-10,1853226	-0,073	0,302
CHR5	1416188	CHR5:1416188	SSF x Near_LoA	-9,28198505	0,053	0,307
CHR5	1416202	CHR5:1416202	SSF x Near_LoA	-9,33786397	0,027	0,306
CHR5	1416234	CHR5:1416234	SSF x Near_LoA	-8,61692112	0,005	0,318
CHR5	1416288	CHR5:1416288	SSF x Near_LoA	-8,7555165	0,009	0,320

CHR5	1416290	CHR5:1416290	SSF x Near_LoA	-11,7213416	0,023	0,303
CHR5	1416399	CHR5:1416399	SSF x Near_LoA	-9,89126036	0,125	0,303
CHR5	14168265	CHR5:14168265	SSF x Near_LoA	-8,51083707	0,010	0,315
CHR5	14168385	CHR5:14168385	SSF x Near_LoA	-8,43248443	0,006	0,315
CHR5	14168386	CHR5:14168386	SSF x Near_LoA	-9,95317626	-0,047	0,298
CHR5	14192673	CHR5:14192673	SSF x Near_LoA	-9,68929125	0,054	0,304
CHR5	14192727	CHR5:14192727	SSF x Near_LoA	-10,73734	0,043	0,307
CHR5	14217737	CHR5:14217737	SSF x Near_LoA	-11,2973316	-0,074	0,300
CHR5	14217773	CHR5:14217773	SSF x Near_LoA	-10,4426724	-0,088	0,299
CHR5	14217796	CHR5:14217796	SSF x Near_LoA	-5,15683255	0,117	0,303
CHR5	14224352	CHR5:14224352	SSF x Near_LoA	-10,5058402	0,020	0,311
CHR5	14224393	CHR5:14224393	SSF x Near_LoA	-8,62692274	-0,013	0,315
CHR5	14224402	CHR5:14224402	SSF x Near_LoA	-8,98493237	0,091	0,300
CHR5	14228618	CHR5:14228618	SSF x Near_LoA	-9,19439369	0,020	0,303
CHR5	14228632	CHR5:14228632	SSF x Near_LoA	-11,4344561	0,008	0,300
CHR5	14228659	CHR5:14228659	SSF x Near_LoA	-12,1231922	-0,027	0,307
CHR5	14228660	CHR5:14228660	SSF x Near_LoA	-9,98003781	-0,066	0,304
CHR5	14228764	CHR5:14228764	SSF x Near_LoA	-1,37052769	0,047	0,305
CHR5	14228803	CHR5:14228803	SSF x Near_LoA	-9,81435664	-0,033	0,303
CHR5	14228835	CHR5:14228835	SSF x Near_LoA	-10,6833714	-0,044	0,313
CHR5	14241909	CHR5:14241909	SSF x Near_LoA	-4,11173918	0,118	0,296
CHR5	14241967	CHR5:14241967	SSF x Near_LoA	-9,78276072	0,097	0,303
CHR5	14241971	CHR5:14241971	SSF x Near_LoA	-11,1735459	0,059	0,302
CHR5	14241977	CHR5:14241977	SSF x Near_LoA	-11,2016009	0,017	0,302
CHR5	14242011	CHR5:14242011	SSF x Near_LoA	-9,05562798	0,054	0,302
CHR5	14247590	CHR5:14247590	SSF x Near_LoA	-10,8705624	-0,005	0,313
CHR5	14247715	CHR5:14247715	SSF x Near_LoA	-8,63573653	0,006	0,308
CHR5	14247718	CHR5:14247718	SSF x Near_LoA	-9,36979123	0,031	0,296
CHR5	14247741	CHR5:14247741	SSF x Near_LoA	-9,34361911	0,030	0,321
CHR5	14250298	CHR5:14250298	SSF x Near_LoA	-8,61200194	0,050	0,296
CHR5	14250309	CHR5:14250309	SSF x Near_LoA	-9,87231029	0,024	0,304
CHR5	14252739	CHR5:14252739	SSF x Near_LoA	-10,9928282	-0,072	0,307
CHR5	14252783	CHR5:14252783	SSF x Near_LoA	-8,32941086	0,038	0,317
CHR5	14252835	CHR5:14252835	SSF x Near_LoA	-8,81215596	0,016	0,314
CHR5	14260890	CHR5:14260890	SSF x Near_LoA	-9,77075071	-0,101	0,307
CHR5	14267888	CHR5:14267888	SSF x Near_LoA	-6,78186411	-0,082	0,314
CHR5	14267972	CHR5:14267972	SSF x Near_LoA	-10,2130777	0,019	0,296
CHR5	14268004	CHR5:14268004	SSF x Near_LoA	-11,5529519	0,077	0,298
CHR5	14268041	CHR5:14268041	SSF x Near_LoA	-9,59091076	0,054	0,312
CHR5	14268071	CHR5:14268071	SSF x Near_LoA	-9,22813258	0,060	0,314
CHR5	14268086	CHR5:14268086	SSF x Near_LoA	-10,1890972	0,014	0,298
CHR5	14268121	CHR5:14268121	SSF x Near_LoA	-9,15793175	0,069	0,307
CHR5	14268124	CHR5:14268124	SSF x Near_LoA	-5,09194948	0,066	0,316
CHR5	14268125	CHR5:14268125	SSF x Near_LoA	-11,2915291	0,063	0,311
CHR5	14275143	CHR5:14275143	SSF x Near_LoA	-8,74362319	-0,025	0,315
CHR5	14275149	CHR5:14275149	SSF x Near_LoA	-9,92142633	-0,070	0,304
CHR5	14275164	CHR5:14275164	SSF x Near_LoA	-10,3834981	0,072	0,314
CHR5	14275172	CHR5:14275172	SSF x Near_LoA	-7,12173416	-0,020	0,310
CHR5	14275182	CHR5:14275182	SSF x Near_LoA	-9,03711424	0,013	0,300
CHR5	14275270	CHR5:14275270	SSF x Near_LoA	-9,00448697	-0,077	0,317
CHR5	14283139	CHR5:14283139	SSF x Near_LoA	-10,8024616	0,027	0,299
CHR5	14283287	CHR5:14283287	SSF x Near_LoA	-9,02745434	0,031	0,311
CHR5	14283323	CHR5:14283323	SSF x Near_LoA	-10,2334283	-0,094	0,304

CHR5	14296035	CHR5:14296035	SSF x Near_LoA	-10,3793313	0,053	0,302
CHR5	14296101	CHR5:14296101	SSF x Near_LoA	-10,5364637	-0,001	0,303
CHR5	14296259	CHR5:14296259	SSF x Near_LoA	1,61785578	0,134	0,290
CHR5	14296293	CHR5:14296293	SSF x Near_LoA	-9,40010631	-0,024	0,307
CHR5	14296301	CHR5:14296301	SSF x Near_LoA	-8,28099666	-0,070	0,309
CHR5	14299824	CHR5:14299824	SSF x Near_LoA	-5,11171465	0,068	0,310
CHR5	14310566	CHR5:14310566	SSF x Near_LoA	-11,8040299	-0,027	0,312
CHR5	14319412	CHR5:14319412	SSF x Near_LoA	-7,15440142	0,074	0,327
CHR5	14320846	CHR5:14320846	SSF x Near_LoA	-5,47958382	0,176	0,307
CHR5	14320951	CHR5:14320951	SSF x Near_LoA	-10,7993505	-0,110	0,307
CHR5	14327053	CHR5:14327053	SSF x Near_LoA	-7,72526723	-0,117	0,320
CHR5	14327084	CHR5:14327084	SSF x Near_LoA	-9,46391875	-0,036	0,312
CHR5	14327104	CHR5:14327104	SSF x Near_LoA	-8,06889195	-0,066	0,317
CHR5	14327135	CHR5:14327135	SSF x Near_LoA	-7,82380571	0,049	0,295
CHR5	14334790	CHR5:14334790	SSF x Near_LoA	-9,56989968	-0,013	0,309
CHR5	14334853	CHR5:14334853	SSF x Near_LoA	-11,8190522	0,038	0,307
CHR5	14334865	CHR5:14334865	SSF x Near_LoA	-7,33449911	-0,023	0,309
CHR5	14334878	CHR5:14334878	SSF x Near_LoA	-9,80701056	-0,016	0,287
CHR5	14334945	CHR5:14334945	SSF x Near_LoA	-7,66530585	0,017	0,314
CHR5	14334946	CHR5:14334946	SSF x Near_LoA	-8,73777854	-0,034	0,295
CHR5	14337204	CHR5:14337204	SSF x Near_LoA	-11,1854736	-0,011	0,306
CHR5	14340349	CHR5:14340349	SSF x Near_LoA	-6,46726058	0,048	0,318
CHR5	14340357	CHR5:14340357	SSF x Near_LoA	-8,82942687	0,004	0,318
CHR5	14340386	CHR5:14340386	SSF x Near_LoA	-8,70996696	-0,086	0,315
CHR5	14354619	CHR5:14354619	SSF x Near_LoA	-11,2120999	0,041	0,317
CHR5	14354670	CHR5:14354670	SSF x Near_LoA	-8,51419469	-0,129	0,313
CHR5	14354915	CHR5:14354915	SSF x Near_LoA	-8,69799278	-0,112	0,310
CHR5	14354940	CHR5:14354940	SSF x Near_LoA	-7,04286593	-0,178	0,312
CHR5	14359385	CHR5:14359385	SSF x Near_LoA	-9,91921978	-0,093	0,307
CHR5	14363086	CHR5:14363086	SSF x Near_LoA	-8,78681154	0,047	0,327
CHR5	14363400	CHR5:14363400	SSF x Near_LoA	-7,9843068	0,019	0,310
CHR5	14363405	CHR5:14363405	SSF x Near_LoA	-9,85146252	0,157	0,295
CHR5	14363406	CHR5:14363406	SSF x Near_LoA	-9,3687689	-0,065	0,310
CHR5	14363456	CHR5:14363456	SSF x Near_LoA	-11,7202001	0,038	0,315
CHR5	14363487	CHR5:14363487	SSF x Near_LoA	-10,6748335	0,069	0,314
CHR5	14363497	CHR5:14363497	SSF x Near_LoA	-8,26299797	-0,007	0,309
CHR5	14363509	CHR5:14363509	SSF x Near_LoA	-9,81644502	-0,098	0,309
CHR5	14366409	CHR5:14366409	SSF x Near_LoA	-10,6758992	-0,037	0,322
CHR5	14366451	CHR5:14366451	SSF x Near_LoA	-6,45123906	-0,060	0,308
CHR5	14366455	CHR5:14366455	SSF x Near_LoA	-10,0546467	-0,026	0,305
CHR5	14366483	CHR5:14366483	SSF x Near_LoA	-9,52909689	-0,002	0,314
CHR5	14366523	CHR5:14366523	SSF x Near_LoA	-8,81671121	-0,089	0,295
CHR5	14366605	CHR5:14366605	SSF x Near_LoA	-6,93033884	-0,145	0,301
CHR5	14373204	CHR5:14373204	SSF x Near_LoA	-9,39869487	-0,013	0,307
CHR5	14373231	CHR5:14373231	SSF x Near_LoA	-10,2101145	-0,004	0,300
CHR5	14373233	CHR5:14373233	SSF x Near_LoA	-9,27533515	0,101	0,297
CHR5	14373234	CHR5:14373234	SSF x Near_LoA	-9,74144178	-0,026	0,317
CHR5	14373239	CHR5:14373239	SSF x Near_LoA	-5,59782102	-0,074	0,306
CHR5	14373249	CHR5:14373249	SSF x Near_LoA	-6,49532235	0,209	0,300
CHR5	14373284	CHR5:14373284	SSF x Near_LoA	-9,55708748	-0,008	0,316
CHR5	14392201	CHR5:14392201	SSF x Near_LoA	-6,7915646	-0,127	0,298
CHR5	14393232	CHR5:14393232	SSF x Near_LoA	-11,0708941	-0,001	0,304
CHR5	14421032	CHR5:14421032	SSF x Near_LoA	-8,12384381	-0,084	0,316

CHR5	14421051	CHR5:14421051	SSF x Near_LoA	-9,74939288	-0,085	0,297
CHR5	14421115	CHR5:14421115	SSF x Near_LoA	-9,93855405	-0,004	0,317
CHR5	14436434	CHR5:14436434	SSF x Near_LoA	-5,01646835	0,087	0,309
CHR5	14436440	CHR5:14436440	SSF x Near_LoA	-5,94088194	-0,094	0,301
CHR5	14436478	CHR5:14436478	SSF x Near_LoA	-8,10724903	-0,067	0,317
CHR5	14436489	CHR5:14436489	SSF x Near_LoA	-8,21861483	-0,100	0,304
CHR5	14436494	CHR5:14436494	SSF x Near_LoA	-8,77191814	-0,032	0,315
CHR5	14436602	CHR5:14436602	SSF x Near_LoA	-11,0595149	-0,084	0,309
CHR5	14436603	CHR5:14436603	SSF x Near_LoA	-9,6568397	0,059	0,308
CHR5	14436611	CHR5:14436611	SSF x Near_LoA	-11,1567195	-0,072	0,309
CHR5	1444156	CHR5:1444156	SSF x Near_LoA	-2,22996943	-0,182	0,273
CHR5	1444214	CHR5:1444214	SSF x Near_LoA	-6,13593442	0,058	0,303
CHR5	14453947	CHR5:14453947	SSF x Near_LoA	-9,79386473	0,060	0,314
CHR5	14453968	CHR5:14453968	SSF x Near_LoA	-9,08526638	-0,164	0,309
CHR5	14454037	CHR5:14454037	SSF x Near_LoA	-9,10687358	0,014	0,296
CHR5	14454081	CHR5:14454081	SSF x Near_LoA	-8,84894845	-0,093	0,313
CHR5	14461470	CHR5:14461470	SSF x Near_LoA	-6,79323827	0,037	0,308
CHR5	14461524	CHR5:14461524	SSF x Near_LoA	-7,65165393	0,052	0,302
CHR5	14461652	CHR5:14461652	SSF x Near_LoA	-8,35456158	-0,009	0,292
CHR5	14461683	CHR5:14461683	SSF x Near_LoA	-10,0216994	-0,026	0,304
CHR5	14486822	CHR5:14486822	SSF x Near_LoA	-9,51141455	-0,019	0,318
CHR5	14486866	CHR5:14486866	SSF x Near_LoA	-9,92344156	0,024	0,322
CHR5	14486873	CHR5:14486873	SSF x Near_LoA	-9,27181605	0,009	0,313
CHR5	14486914	CHR5:14486914	SSF x Near_LoA	-10,6289518	-0,009	0,303
CHR5	14487050	CHR5:14487050	SSF x Near_LoA	-6,12769629	0,064	0,307
CHR5	14489061	CHR5:14489061	SSF x Near_LoA	-7,64542464	-0,002	0,316
CHR5	14489161	CHR5:14489161	SSF x Near_LoA	-10,8991502	0,004	0,303
CHR5	14491848	CHR5:14491848	SSF x Near_LoA	-8,10045716	-0,030	0,322
CHR5	14491869	CHR5:14491869	SSF x Near_LoA	-7,9498664	0,117	0,313
CHR5	14492291	CHR5:14492291	SSF x Near_LoA	-9,55656251	0,070	0,293
CHR5	14493838	CHR5:14493838	SSF x Near_LoA	-8,95636385	-0,051	0,327
CHR5	14493868	CHR5:14493868	SSF x Near_LoA	-7,07459608	-0,114	0,307
CHR5	14493873	CHR5:14493873	SSF x Near_LoA	-4,16054698	-0,092	0,310
CHR5	14493916	CHR5:14493916	SSF x Near_LoA	-10,262873	-0,054	0,309
CHR5	14497540	CHR5:14497540	SSF x Near_LoA	-8,40109872	0,077	0,318
CHR5	14497556	CHR5:14497556	SSF x Near_LoA	-10,9710438	-0,040	0,313
CHR5	14497558	CHR5:14497558	SSF x Near_LoA	-8,87644213	-0,031	0,325
CHR5	14497564	CHR5:14497564	SSF x Near_LoA	-10,051695	-0,044	0,319
CHR5	14497565	CHR5:14497565	SSF x Near_LoA	-11,1548497	-0,072	0,322
CHR5	14497603	CHR5:14497603	SSF x Near_LoA	-7,97468343	0,093	0,309
CHR5	14497625	CHR5:14497625	SSF x Near_LoA	-9,96014645	0,083	0,310
CHR5	1449784	CHR5:1449784	SSF x Near_LoA	-9,48423702	-0,017	0,302
CHR5	1449867	CHR5:1449867	SSF x Near_LoA	-10,4762356	0,096	0,311
CHR5	14510222	CHR5:14510222	SSF x Near_LoA	-10,6980968	0,006	0,300
CHR5	14514971	CHR5:14514971	SSF x Near_LoA	-8,15433326	0,021	0,323
CHR5	14515008	CHR5:14515008	SSF x Near_LoA	-6,57226047	-0,052	0,312
CHR5	14519295	CHR5:14519295	SSF x Near_LoA	-9,30364007	0,018	0,313
CHR5	14519298	CHR5:14519298	SSF x Near_LoA	-9,90248137	0,012	0,312
CHR5	14519510	CHR5:14519510	SSF x Near_LoA	-9,93993749	0,047	0,315
CHR5	14527889	CHR5:14527889	SSF x Near_LoA	-9,00025232	-0,012	0,295
CHR5	14527942	CHR5:14527942	SSF x Near_LoA	-8,74360767	0,013	0,302
CHR5	14528007	CHR5:14528007	SSF x Near_LoA	-10,7883856	-0,040	0,310
CHR5	14528135	CHR5:14528135	SSF x Near_LoA	-11,2145709	-0,019	0,308

CHR5	14530478	CHR5:14530478	SSF x Near_LoA	-9,99230456	-0,048	0,301
CHR5	14530480	CHR5:14530480	SSF x Near_LoA	-10,4614498	-0,142	0,292
CHR5	14537525	CHR5:14537525	SSF x Near_LoA	-6,71356082	0,057	0,322
CHR5	14547561	CHR5:14547561	SSF x Near_LoA	-11,0228934	0,005	0,313
CHR5	14547602	CHR5:14547602	SSF x Near_LoA	-10,7560476	0,061	0,308
CHR5	14547630	CHR5:14547630	SSF x Near_LoA	-10,0685514	0,003	0,318
CHR5	14550164	CHR5:14550164	SSF x Near_LoA	-10,9636249	0,096	0,310
CHR5	14550299	CHR5:14550299	SSF x Near_LoA	-8,85380403	-0,002	0,311
CHR5	14550328	CHR5:14550328	SSF x Near_LoA	-8,15066249	-0,009	0,317
CHR5	14550380	CHR5:14550380	SSF x Near_LoA	-10,8189641	0,085	0,309
CHR5	14561127	CHR5:14561127	SSF x Near_LoA	-10,3836788	-0,057	0,319
CHR5	14564054	CHR5:14564054	SSF x Near_LoA	-12,3231724	0,011	0,297
CHR5	14564084	CHR5:14564084	SSF x Near_LoA	-11,2273404	0,013	0,308
CHR5	14564090	CHR5:14564090	SSF x Near_LoA	-8,9962438	0,012	0,326
CHR5	1456552	CHR5:1456552	SSF x Near_LoA	-9,76401249	-0,044	0,301
CHR5	1456715	CHR5:1456715	SSF x Near_LoA	-10,3863724	0,078	0,295
CHR5	1456806	CHR5:1456806	SSF x Near_LoA	-2,14663829	-0,041	0,309
CHR5	14570908	CHR5:14570908	SSF x Near_LoA	-9,45659296	0,007	0,314
CHR5	14570944	CHR5:14570944	SSF x Near_LoA	-9,56635737	-0,028	0,317
CHR5	14570993	CHR5:14570993	SSF x Near_LoA	-9,79584428	-0,019	0,302
CHR5	14576495	CHR5:14576495	SSF x Near_LoA	-7,80590827	-0,094	0,288
CHR5	14579222	CHR5:14579222	SSF x Near_LoA	-8,57687767	-0,044	0,299
CHR5	14582639	CHR5:14582639	SSF x Near_LoA	-11,7056694	-0,009	0,298
CHR5	14582692	CHR5:14582692	SSF x Near_LoA	-11,9758872	0,027	0,298
CHR5	14583310	CHR5:14583310	SSF x Near_LoA	-8,32070242	-0,108	0,287
CHR5	14584258	CHR5:14584258	SSF x Near_LoA	-9,35234463	-0,059	0,298
CHR5	14584350	CHR5:14584350	SSF x Near_LoA	-7,98990015	-0,098	0,287
CHR5	14584363	CHR5:14584363	SSF x Near_LoA	-7,49553384	-0,139	0,301
CHR5	14584416	CHR5:14584416	SSF x Near_LoA	-7,87602724	-0,157	0,286
CHR5	14584417	CHR5:14584417	SSF x Near_LoA	-5,94831231	-0,144	0,294
CHR5	14584451	CHR5:14584451	SSF x Near_LoA	-6,51280187	-0,167	0,285
CHR5	14590717	CHR5:14590717	SSF x Near_LoA	-10,1190764	0,064	0,301
CHR5	14590891	CHR5:14590891	SSF x Near_LoA	-6,45530648	0,100	0,310
CHR5	14590933	CHR5:14590933	SSF x Near_LoA	-6,22453893	0,100	0,301
CHR5	14590974	CHR5:14590974	SSF x Near_LoA	-9,54439934	0,097	0,305
CHR5	14593589	CHR5:14593589	SSF x Near_LoA	-9,57860282	0,051	0,303
CHR5	14601114	CHR5:14601114	SSF x Near_LoA	-9,55457012	0,057	0,300
CHR5	14601115	CHR5:14601115	SSF x Near_LoA	-10,6972976	0,023	0,297
CHR5	14601164	CHR5:14601164	SSF x Near_LoA	-10,1551694	0,037	0,314
CHR5	14636353	CHR5:14636353	SSF x Near_LoA	-10,2946859	-0,079	0,303
CHR5	14636363	CHR5:14636363	SSF x Near_LoA	-8,39389608	-0,069	0,305
CHR5	14639764	CHR5:14639764	SSF x Near_LoA	-4,65514072	0,080	0,302
CHR5	14642426	CHR5:14642426	SSF x Near_LoA	-9,48083089	0,038	0,306
CHR5	1464683	CHR5:1464683	SSF x Near_LoA	-8,66458389	0,074	0,311
CHR5	1464688	CHR5:1464688	SSF x Near_LoA	-9,60406759	0,063	0,290
CHR5	1464711	CHR5:1464711	SSF x Near_LoA	-9,31318344	-0,017	0,305
CHR5	1464724	CHR5:1464724	SSF x Near_LoA	-11,4050657	0,057	0,294
CHR5	1464727	CHR5:1464727	SSF x Near_LoA	-6,96507442	0,118	0,304
CHR5	1464747	CHR5:1464747	SSF x Near_LoA	-9,22950718	0,045	0,321
CHR5	14651324	CHR5:14651324	SSF x Near_LoA	-10,7436069	-0,105	0,289
CHR5	14654388	CHR5:14654388	SSF x Near_LoA	-7,19128409	-0,011	0,310
CHR5	14654586	CHR5:14654586	SSF x Near_LoA	-10,3586363	-0,039	0,302
CHR5	14654587	CHR5:14654587	SSF x Near_LoA	-7,62741482	-0,059	0,317

CHR5	1466519	CHR5:1466519	SSF x Near_LoA	-10,4662071	-0,141	0,300
CHR5	1466559	CHR5:1466559	SSF x Near_LoA	-8,56767859	0,083	0,296
CHR5	1466569	CHR5:1466569	SSF x Near_LoA	-8,63390413	-0,100	0,310
CHR5	1466651	CHR5:1466651	SSF x Near_LoA	-7,61555448	-0,130	0,303
CHR5	14679669	CHR5:14679669	SSF x Near_LoA	-10,0189997	0,047	0,300
CHR5	14695346	CHR5:14695346	SSF x Near_LoA	-11,0353095	-0,083	0,310
CHR5	14700752	CHR5:14700752	SSF x Near_LoA	-10,686228	-0,109	0,291
CHR5	14700786	CHR5:14700786	SSF x Near_LoA	-10,2393696	-0,017	0,305
CHR5	14700795	CHR5:14700795	SSF x Near_LoA	-8,12320155	-0,055	0,302
CHR5	14700798	CHR5:14700798	SSF x Near_LoA	-10,3297796	-0,067	0,304
CHR5	14700799	CHR5:14700799	SSF x Near_LoA	-10,290314	-0,054	0,294
CHR5	14700809	CHR5:14700809	SSF x Near_LoA	-8,61469452	-0,048	0,289
CHR5	14700819	CHR5:14700819	SSF x Near_LoA	-10,7310247	-0,015	0,309
CHR5	14700983	CHR5:14700983	SSF x Near_LoA	-9,89884255	-0,037	0,296
CHR5	14701015	CHR5:14701015	SSF x Near_LoA	-8,59605649	0,107	0,306
CHR5	1470374	CHR5:1470374	SSF x Near_LoA	-8,44711843	0,014	0,311
CHR5	14711504	CHR5:14711504	SSF x Near_LoA	-8,6247012	0,030	0,309
CHR5	1473479	CHR5:1473479	SSF x Near_LoA	-9,2140629	0,076	0,299
CHR5	1473507	CHR5:1473507	SSF x Near_LoA	-8,89261243	-0,102	0,289
CHR5	1473583	CHR5:1473583	SSF x Near_LoA	-6,17896378	0,181	0,293
CHR5	1473714	CHR5:1473714	SSF x Near_LoA	-6,54824393	-0,137	0,305
CHR5	1473720	CHR5:1473720	SSF x Near_LoA	-10,6790315	0,004	0,317
CHR5	14756184	CHR5:14756184	SSF x Near_LoA	-8,44922089	-0,063	0,302
CHR5	14758614	CHR5:14758614	SSF x Near_LoA	-11,3397046	-0,019	0,312
CHR5	14762945	CHR5:14762945	SSF x Near_LoA	-9,88528018	0,142	0,300
CHR5	14762946	CHR5:14762946	SSF x Near_LoA	-8,12407419	0,147	0,321
CHR5	14763214	CHR5:14763214	SSF x Near_LoA	-10,1781237	0,032	0,308
CHR5	14763302	CHR5:14763302	SSF x Near_LoA	-8,72889953	0,075	0,288
CHR5	14771030	CHR5:14771030	SSF x Near_LoA	-0,80263269	-0,213	0,305
CHR5	14771064	CHR5:14771064	SSF x Near_LoA	-9,72393798	0,106	0,309
CHR5	14771119	CHR5:14771119	SSF x Near_LoA	-11,4258058	-0,053	0,302
CHR5	14772964	CHR5:14772964	SSF x Near_LoA	-5,37594233	0,023	0,317
CHR5	14773183	CHR5:14773183	SSF x Near_LoA	-3,67258011	0,140	0,299
CHR5	1477568	CHR5:1477568	SSF x Near_LoA	-6,7977454	0,094	0,305
CHR5	14783462	CHR5:14783462	SSF x Near_LoA	-10,0753945	0,066	0,311
CHR5	14783463	CHR5:14783463	SSF x Near_LoA	-11,5154951	0,071	0,292
CHR5	1478377	CHR5:1478377	SSF x Near_LoA	-7,3717879	-0,062	0,321
CHR5	14805538	CHR5:14805538	SSF x Near_LoA	0,74179754	0,118	0,305
CHR5	14815267	CHR5:14815267	SSF x Near_LoA	-10,4665702	0,005	0,303
CHR5	14817408	CHR5:14817408	SSF x Near_LoA	-8,22166057	0,114	0,306
CHR5	14850065	CHR5:14850065	SSF x Near_LoA	-8,88342949	-0,119	0,302
CHR5	1487112	CHR5:1487112	SSF x Near_LoA	-11,1847492	0,005	0,299
CHR5	1487282	CHR5:1487282	SSF x Near_LoA	-9,34989668	0,004	0,310
CHR5	1487325	CHR5:1487325	SSF x Near_LoA	-10,2620887	0,028	0,312
CHR5	14873645	CHR5:14873645	SSF x Near_LoA	-8,39619661	0,120	0,315
CHR5	14925123	CHR5:14925123	SSF x Near_LoA	-8,40577864	0,020	0,320
CHR5	14925124	CHR5:14925124	SSF x Near_LoA	-7,91748862	-0,011	0,328
CHR5	14925133	CHR5:14925133	SSF x Near_LoA	-8,92289375	-0,010	0,320
CHR5	14925136	CHR5:14925136	SSF x Near_LoA	-8,67892393	0,003	0,323
CHR5	14925148	CHR5:14925148	SSF x Near_LoA	-9,3550977	0,024	0,313
CHR5	14925154	CHR5:14925154	SSF x Near_LoA	-8,73584902	0,003	0,317
CHR5	14925158	CHR5:14925158	SSF x Near_LoA	-6,3803629	-0,001	0,323
CHR5	14925165	CHR5:14925165	SSF x Near_LoA	-8,90790847	-0,021	0,307

CHR5	14925166	CHR5:14925166	SSF x Near_LoA	-5,52217282	-0,008	0,326
CHR5	14925170	CHR5:14925170	SSF x Near_LoA	-8,27114554	0,014	0,323
CHR5	14925189	CHR5:14925189	SSF x Near_LoA	-9,46649036	-0,003	0,308
CHR5	14925213	CHR5:14925213	SSF x Near_LoA	-7,55835666	-0,013	0,328
CHR5	14925216	CHR5:14925216	SSF x Near_LoA	-5,78860889	-0,025	0,306
CHR5	14925223	CHR5:14925223	SSF x Near_LoA	-7,8111474	-0,015	0,314
CHR5	14925225	CHR5:14925225	SSF x Near_LoA	-8,56801863	0,008	0,333
CHR5	14925230	CHR5:14925230	SSF x Near_LoA	-8,20068063	-0,011	0,315
CHR5	14954914	CHR5:14954914	SSF x Near_LoA	-8,0446807	-0,019	0,332
CHR5	14954917	CHR5:14954917	SSF x Near_LoA	-8,93831147	-0,016	0,322
CHR5	14954918	CHR5:14954918	SSF x Near_LoA	-7,01846516	-0,013	0,317
CHR5	14954936	CHR5:14954936	SSF x Near_LoA	-8,50669307	-0,003	0,317
CHR5	14954941	CHR5:14954941	SSF x Near_LoA	-9,02461353	0,014	0,309
CHR5	14954951	CHR5:14954951	SSF x Near_LoA	-7,94140507	-0,018	0,318
CHR5	14954964	CHR5:14954964	SSF x Near_LoA	-5,93195763	-0,009	0,330
CHR5	14954970	CHR5:14954970	SSF x Near_LoA	-9,12939342	-0,014	0,323
CHR5	14954979	CHR5:14954979	SSF x Near_LoA	-8,66672149	-0,008	0,327
CHR5	14954983	CHR5:14954983	SSF x Near_LoA	-7,1949884	-0,040	0,319
CHR5	14955002	CHR5:14955002	SSF x Near_LoA	-8,63952407	0,002	0,321
CHR5	14955005	CHR5:14955005	SSF x Near_LoA	-7,82830997	-0,002	0,331
CHR5	14955008	CHR5:14955008	SSF x Near_LoA	-8,4912726	-0,010	0,309
CHR5	14966277	CHR5:14966277	SSF x Near_LoA	-7,60965933	0,033	0,317
CHR5	14966313	CHR5:14966313	SSF x Near_LoA	-9,33606218	0,021	0,296
CHR5	1497125	CHR5:1497125	SSF x Near_LoA	-10,7928738	-0,008	0,304
CHR5	1497149	CHR5:1497149	SSF x Near_LoA	-10,8563013	0,013	0,303
CHR5	1498057	CHR5:1498057	SSF x Near_LoA	-8,06242282	0,029	0,312
CHR5	1498101	CHR5:1498101	SSF x Near_LoA	-8,10593386	0,040	0,307
CHR5	1498118	CHR5:1498118	SSF x Near_LoA	-10,0778473	0,008	0,304
CHR5	1499104	CHR5:1499104	SSF x Near_LoA	-8,69213898	-0,018	0,314
CHR5	14996886	CHR5:14996886	SSF x Near_LoA	-7,09801696	0,030	0,323
CHR5	14996891	CHR5:14996891	SSF x Near_LoA	-8,26690908	-0,023	0,325
CHR5	14996897	CHR5:14996897	SSF x Near_LoA	-8,12802337	0,008	0,318
CHR5	14996903	CHR5:14996903	SSF x Near_LoA	-6,12107592	0,021	0,325
CHR5	14996904	CHR5:14996904	SSF x Near_LoA	-9,02189755	0,010	0,319
CHR5	14996907	CHR5:14996907	SSF x Near_LoA	-8,99532761	-0,002	0,318
CHR5	14996929	CHR5:14996929	SSF x Near_LoA	-8,37745876	-0,002	0,320
CHR5	14996945	CHR5:14996945	SSF x Near_LoA	-8,81916204	0,029	0,312
CHR5	14996958	CHR5:14996958	SSF x Near_LoA	-8,90710072	0,018	0,311
CHR5	14996960	CHR5:14996960	SSF x Near_LoA	-7,81641712	-0,021	0,320
CHR5	14996967	CHR5:14996967	SSF x Near_LoA	-6,57976968	0,004	0,326
CHR5	14996987	CHR5:14996987	SSF x Near_LoA	-8,96717174	-0,030	0,310
CHR5	14997042	CHR5:14997042	SSF x Near_LoA	-8,0047903	0,007	0,315
CHR5	15025413	CHR5:15025413	SSF x Near_LoA	-9,20376495	-0,016	0,313
CHR5	15025439	CHR5:15025439	SSF x Near_LoA	-8,15936495	0,004	0,306
CHR5	15025440	CHR5:15025440	SSF x Near_LoA	1,01501674	0,018	0,327
CHR5	15025441	CHR5:15025441	SSF x Near_LoA	-7,14210882	-0,018	0,320
CHR5	15025524	CHR5:15025524	SSF x Near_LoA	-6,23284706	0,002	0,327
CHR5	15025695	CHR5:15025695	SSF x Near_LoA	-8,82429388	0,001	0,305
CHR5	15025701	CHR5:15025701	SSF x Near_LoA	-8,02981486	0,001	0,320
CHR5	1503103	CHR5:1503103	SSF x Near_LoA	-10,3762242	-0,005	0,318
CHR5	1503105	CHR5:1503105	SSF x Near_LoA	-8,70234597	-0,039	0,310
CHR5	1503107	CHR5:1503107	SSF x Near_LoA	-10,1154	-0,066	0,309
CHR5	1503109	CHR5:1503109	SSF x Near_LoA	-10,5913942	-0,045	0,305

CHR5	1506401	CHR5:1506401	SSF x Near_LoA	-10,0890815	-0,050	0,307
CHR5	1506497	CHR5:1506497	SSF x Near_LoA	-9,97266761	-0,034	0,307
CHR5	1506514	CHR5:1506514	SSF x Near_LoA	-7,81175562	-0,005	0,288
CHR5	15065375	CHR5:15065375	SSF x Near_LoA	-8,21514172	-0,021	0,319
CHR5	1506547	CHR5:1506547	SSF x Near_LoA	-7,94341293	0,041	0,295
CHR5	15069520	CHR5:15069520	SSF x Near_LoA	-8,06279182	-0,027	0,319
CHR5	15069618	CHR5:15069618	SSF x Near_LoA	-9,11005787	0,012	0,308
CHR5	15069626	CHR5:15069626	SSF x Near_LoA	-8,4684983	-0,028	0,316
CHR5	15069673	CHR5:15069673	SSF x Near_LoA	-8,64090232	0,007	0,313
CHR5	15069707	CHR5:15069707	SSF x Near_LoA	-7,51604225	0,012	0,321
CHR5	15069726	CHR5:15069726	SSF x Near_LoA	-7,64690649	0,011	0,323
CHR5	1509532	CHR5:1509532	SSF x Near_LoA	-7,15591902	0,006	0,326
CHR5	15096481	CHR5:15096481	SSF x Near_LoA	-8,70672149	0,014	0,308
CHR5	15096511	CHR5:15096511	SSF x Near_LoA	-7,87398134	0,005	0,324
CHR5	15133976	CHR5:15133976	SSF x Near_LoA	-7,50656885	0,012	0,321
CHR5	15133987	CHR5:15133987	SSF x Near_LoA	-8,86242403	0,001	0,312
CHR5	15133996	CHR5:15133996	SSF x Near_LoA	-7,1223315	-0,018	0,326
CHR5	15134004	CHR5:15134004	SSF x Near_LoA	-9,06057512	0,007	0,315
CHR5	15134056	CHR5:15134056	SSF x Near_LoA	-7,69115586	0,004	0,327
CHR5	15134071	CHR5:15134071	SSF x Near_LoA	-8,81170454	-0,013	0,307
CHR5	15134116	CHR5:15134116	SSF x Near_LoA	-6,40743041	0,023	0,336
CHR5	15134197	CHR5:15134197	SSF x Near_LoA	-8,98984007	-0,003	0,321
CHR5	15134256	CHR5:15134256	SSF x Near_LoA	-8,80852728	0,002	0,323
CHR5	15134278	CHR5:15134278	SSF x Near_LoA	-8,11730196	0,012	0,322
CHR5	15134280	CHR5:15134280	SSF x Near_LoA	-9,20434495	-0,010	0,316
CHR5	15134292	CHR5:15134292	SSF x Near_LoA	-8,89471469	-0,013	0,321
CHR5	15134310	CHR5:15134310	SSF x Near_LoA	-8,88535961	-0,004	0,310
CHR5	15162447	CHR5:15162447	SSF x Near_LoA	-7,737976	0,020	0,328
CHR5	15162453	CHR5:15162453	SSF x Near_LoA	-7,39890567	-0,009	0,334
CHR5	15162457	CHR5:15162457	SSF x Near_LoA	-7,1390438	0,008	0,330
CHR5	15162459	CHR5:15162459	SSF x Near_LoA	-8,10661755	-0,031	0,317
CHR5	15162485	CHR5:15162485	SSF x Near_LoA	-9,07045631	0,009	0,316
CHR5	15163612	CHR5:15163612	SSF x Near_LoA	-8,82123442	-0,126	0,309
CHR5	1517911	CHR5:1517911	SSF x Near_LoA	-9,14562649	0,114	0,295
CHR5	15198692	CHR5:15198692	SSF x Near_LoA	-10,0831102	-0,151	0,295
CHR5	15233127	CHR5:15233127	SSF x Near_LoA	-8,87049062	0,011	0,316
CHR5	1526770	CHR5:1526770	SSF x Near_LoA	-8,07727758	-0,051	0,318
CHR5	15274630	CHR5:15274630	SSF x Near_LoA	-9,47607708	0,011	0,311
CHR5	15274736	CHR5:15274736	SSF x Near_LoA	-8,20404714	0,009	0,327
CHR5	15274744	CHR5:15274744	SSF x Near_LoA	-8,94800731	-0,008	0,322
CHR5	15274752	CHR5:15274752	SSF x Near_LoA	-8,48617397	0,009	0,318
CHR5	15274776	CHR5:15274776	SSF x Near_LoA	-7,67180895	-0,005	0,329
CHR5	15274893	CHR5:15274893	SSF x Near_LoA	-9,08986887	-0,004	0,316
CHR5	15274900	CHR5:15274900	SSF x Near_LoA	-9,14635261	-0,015	0,306
CHR5	15274915	CHR5:15274915	SSF x Near_LoA	-7,57980928	-0,001	0,321
CHR5	1528450	CHR5:1528450	SSF x Near_LoA	-8,38153786	0,153	0,309
CHR5	1528522	CHR5:1528522	SSF x Near_LoA	-9,25462644	0,018	0,319
CHR5	15318381	CHR5:15318381	SSF x Near_LoA	-8,34796991	-0,074	0,316
CHR5	15328948	CHR5:15328948	SSF x Near_LoA	-8,48246772	-0,028	0,318
CHR5	15328958	CHR5:15328958	SSF x Near_LoA	-1,97250718	0,005	0,325
CHR5	15328970	CHR5:15328970	SSF x Near_LoA	-8,84524722	0,012	0,322
CHR5	15328986	CHR5:15328986	SSF x Near_LoA	-7,99131844	-0,022	0,327
CHR5	15328993	CHR5:15328993	SSF x Near_LoA	-8,54997045	-0,013	0,312

CHR5	15329022	CHR5:15329022	SSF x Near_LoA	-8,26635797	0,002	0,326
CHR5	15353229	CHR5:15353229	SSF x Near_LoA	-8,16505199	-0,025	0,302
CHR5	1536137	CHR5:1536137	SSF x Near_LoA	-11,4905486	0,026	0,307
CHR5	1536191	CHR5:1536191	SSF x Near_LoA	-4,78539264	0,006	0,312
CHR5	1536325	CHR5:1536325	SSF x Near_LoA	-8,76276847	0,022	0,305
CHR5	1536344	CHR5:1536344	SSF x Near_LoA	-9,30599896	0,074	0,317
CHR5	15394108	CHR5:15394108	SSF x Near_LoA	-10,9914399	-0,034	0,314
CHR5	15415033	CHR5:15415033	SSF x Near_LoA	-6,93156015	-0,013	0,326
CHR5	15415056	CHR5:15415056	SSF x Near_LoA	-8,60656506	0,002	0,311
CHR5	15415081	CHR5:15415081	SSF x Near_LoA	-5,95363525	0,002	0,325
CHR5	15415187	CHR5:15415187	SSF x Near_LoA	-6,51527168	-0,004	0,306
CHR5	15415189	CHR5:15415189	SSF x Near_LoA	-7,56511842	-0,005	0,315
CHR5	1543285	CHR5:1543285	SSF x Near_LoA	-10,5908699	0,090	0,295
CHR5	1543292	CHR5:1543292	SSF x Near_LoA	-8,04021015	0,017	0,307
CHR5	1543297	CHR5:1543297	SSF x Near_LoA	-8,56758931	0,055	0,303
CHR5	1543349	CHR5:1543349	SSF x Near_LoA	-12,6427581	0,025	0,302
CHR5	1546501	CHR5:1546501	SSF x Near_LoA	-11,0247278	0,029	0,296
CHR5	1546530	CHR5:1546530	SSF x Near_LoA	-7,45266416	0,117	0,301
CHR5	1546593	CHR5:1546593	SSF x Near_LoA	-7,85773545	-0,141	0,301
CHR5	1546597	CHR5:1546597	SSF x Near_LoA	-11,8036183	0,032	0,310
CHR5	1546610	CHR5:1546610	SSF x Near_LoA	-9,04326876	0,030	0,309
CHR5	15538169	CHR5:15538169	SSF x Near_LoA	-6,30527808	-0,061	0,310
CHR5	1554807	CHR5:1554807	SSF x Near_LoA	-2,2765026	-0,176	0,291
CHR5	1558517	CHR5:1558517	SSF x Near_LoA	-8,48294701	0,047	0,306
CHR5	1558531	CHR5:1558531	SSF x Near_LoA	-7,88416145	-0,088	0,298
CHR5	1558538	CHR5:1558538	SSF x Near_LoA	-8,63922263	0,041	0,297
CHR5	1558573	CHR5:1558573	SSF x Near_LoA	-8,9661959	-0,111	0,299
CHR5	1558576	CHR5:1558576	SSF x Near_LoA	-8,42981144	-0,093	0,320
CHR5	15586098	CHR5:15586098	SSF x Near_LoA	-8,95674958	0,041	0,312
CHR5	1561184	CHR5:1561184	SSF x Near_LoA	-8,40013814	0,096	0,301
CHR5	1561193	CHR5:1561193	SSF x Near_LoA	-10,3809262	-0,023	0,304
CHR5	15620767	CHR5:15620767	SSF x Near_LoA	-8,76854901	0,006	0,318
CHR5	15642944	CHR5:15642944	SSF x Near_LoA	-9,0293296	-0,002	0,296
CHR5	15666467	CHR5:15666467	SSF x Near_LoA	-7,5281972	-0,002	0,314
CHR5	15666483	CHR5:15666483	SSF x Near_LoA	-9,09272774	0,009	0,321
CHR5	15666494	CHR5:15666494	SSF x Near_LoA	-8,73507991	-0,010	0,314
CHR5	15666510	CHR5:15666510	SSF x Near_LoA	-8,97969432	-0,035	0,304
CHR5	15666516	CHR5:15666516	SSF x Near_LoA	-8,16910537	0,018	0,316
CHR5	15666529	CHR5:15666529	SSF x Near_LoA	-7,52196022	-0,004	0,315
CHR5	15666530	CHR5:15666530	SSF x Near_LoA	-8,90644844	-0,030	0,321
CHR5	15666532	CHR5:15666532	SSF x Near_LoA	-8,80267214	-0,011	0,327
CHR5	15666549	CHR5:15666549	SSF x Near_LoA	-8,87189627	-0,021	0,322
CHR5	15666563	CHR5:15666563	SSF x Near_LoA	-8,81519695	-0,012	0,325
CHR5	15666566	CHR5:15666566	SSF x Near_LoA	-8,43106134	-0,013	0,318
CHR5	15666575	CHR5:15666575	SSF x Near_LoA	-7,49205704	-0,008	0,317
CHR5	1571938	CHR5:1571938	SSF x Near_LoA	-9,36639258	0,087	0,304
CHR5	1571943	CHR5:1571943	SSF x Near_LoA	-10,3664297	-0,038	0,310
CHR5	1571972	CHR5:1571972	SSF x Near_LoA	-9,23721914	-0,066	0,305
CHR5	1572005	CHR5:1572005	SSF x Near_LoA	-4,72507137	-0,076	0,325
CHR5	1572023	CHR5:1572023	SSF x Near_LoA	-9,63564884	-0,072	0,298
CHR5	1572138	CHR5:1572138	SSF x Near_LoA	-11,5316281	0,048	0,307
CHR5	1572150	CHR5:1572150	SSF x Near_LoA	-11,8960309	-0,076	0,300
CHR5	1572276	CHR5:1572276	SSF x Near_LoA	-7,86269934	0,134	0,298

CHR5	1573343	CHR5:1573343	SSF x Near_LoA	-10,4990717	-0,003	0,309
CHR5	1573352	CHR5:1573352	SSF x Near_LoA	4,43531297	-0,042	0,308
CHR5	1573363	CHR5:1573363	SSF x Near_LoA	-4,18680281	0,031	0,300
CHR5	1573378	CHR5:1573378	SSF x Near_LoA	-6,68792403	0,007	0,319
CHR5	1573420	CHR5:1573420	SSF x Near_LoA	-10,7888556	0,016	0,318
CHR5	1573421	CHR5:1573421	SSF x Near_LoA	-9,9171887	-0,046	0,298
CHR5	1576574	CHR5:1576574	SSF x Near_LoA	-7,0321889	0,014	0,308
CHR5	1576602	CHR5:1576602	SSF x Near_LoA	-8,84212958	-0,040	0,309
CHR5	1576676	CHR5:1576676	SSF x Near_LoA	-5,504448	0,240	0,285
CHR5	1576760	CHR5:1576760	SSF x Near_LoA	-9,00542222	0,002	0,302
CHR5	1581206	CHR5:1581206	SSF x Near_LoA	-5,67080075	0,266	0,273
CHR5	1581274	CHR5:1581274	SSF x Near_LoA	-9,76033186	-0,126	0,288
CHR5	1581295	CHR5:1581295	SSF x Near_LoA	-8,07124137	0,000	0,309
CHR5	15890647	CHR5:15890647	SSF x Near_LoA	-8,88350518	-0,005	0,318
CHR5	15890687	CHR5:15890687	SSF x Near_LoA	-7,34492032	-0,030	0,318
CHR5	15942019	CHR5:15942019	SSF x Near_LoA	-11,7832902	0,048	0,305
CHR5	15964545	CHR5:15964545	SSF x Near_LoA	-8,6768462	0,009	0,322
CHR5	15964557	CHR5:15964557	SSF x Near_LoA	-8,70426362	0,009	0,310
CHR5	15964561	CHR5:15964561	SSF x Near_LoA	-6,12837949	-0,014	0,336
CHR5	15964566	CHR5:15964566	SSF x Near_LoA	-7,13308398	0,030	0,312
CHR5	15964582	CHR5:15964582	SSF x Near_LoA	-8,6553389	-0,011	0,322
CHR5	15964605	CHR5:15964605	SSF x Near_LoA	-1,1638292	0,038	0,327
CHR5	15964607	CHR5:15964607	SSF x Near_LoA	-7,31230927	0,030	0,315
CHR5	16028168	CHR5:16028168	SSF x Near_LoA	-12,0685726	-0,006	0,300
CHR5	1603698	CHR5:1603698	SSF x Near_LoA	-7,35938443	-0,073	0,298
CHR5	1603733	CHR5:1603733	SSF x Near_LoA	-10,7622389	-0,027	0,293
CHR5	1603784	CHR5:1603784	SSF x Near_LoA	-8,98223266	-0,044	0,304
CHR5	16063075	CHR5:16063075	SSF x Near_LoA	-10,2739093	-0,119	0,294
CHR5	16093970	CHR5:16093970	SSF x Near_LoA	-9,66889567	-0,058	0,317
CHR5	1610418	CHR5:1610418	SSF x Near_LoA	-6,22942893	0,195	0,296
CHR5	16123011	CHR5:16123011	SSF x Near_LoA	-11,2576916	0,114	0,305
CHR5	16125413	CHR5:16125413	SSF x Near_LoA	-10,8239834	0,106	0,307
CHR5	16192026	CHR5:16192026	SSF x Near_LoA	-11,6076792	-0,048	0,303
CHR5	16198404	CHR5:16198404	SSF x Near_LoA	-8,54952074	-0,116	0,293
CHR5	1626030	CHR5:1626030	SSF x Near_LoA	-8,68468236	0,097	0,292
CHR5	16295289	CHR5:16295289	SSF x Near_LoA	-6,95250178	-0,035	0,318
CHR5	16295313	CHR5:16295313	SSF x Near_LoA	-5,57296347	0,000	0,312
CHR5	16295346	CHR5:16295346	SSF x Near_LoA	-8,71801312	-0,047	0,311
CHR5	16295369	CHR5:16295369	SSF x Near_LoA	-7,07494887	-0,045	0,320
CHR5	16295382	CHR5:16295382	SSF x Near_LoA	-7,86685181	-0,037	0,325
CHR5	16295411	CHR5:16295411	SSF x Near_LoA	-7,2781949	-0,045	0,317
CHR5	16295883	CHR5:16295883	SSF x Near_LoA	-10,5614118	-0,094	0,298
CHR5	1631620	CHR5:1631620	SSF x Near_LoA	-8,48252294	0,046	0,315
CHR5	1631689	CHR5:1631689	SSF x Near_LoA	-10,2495745	0,123	0,309
CHR5	1633021	CHR5:1633021	SSF x Near_LoA	-9,18694994	-0,030	0,308
CHR5	1633052	CHR5:1633052	SSF x Near_LoA	-9,52015191	0,058	0,304
CHR5	1633067	CHR5:1633067	SSF x Near_LoA	-9,01495668	-0,018	0,297
CHR5	1633077	CHR5:1633077	SSF x Near_LoA	-10,6846914	-0,041	0,297
CHR5	1633089	CHR5:1633089	SSF x Near_LoA	-8,11151084	0,113	0,304
CHR5	16342403	CHR5:16342403	SSF x Near_LoA	-11,16271	-0,080	0,313
CHR5	1640499	CHR5:1640499	SSF x Near_LoA	-10,0126453	-0,108	0,311
CHR5	1640504	CHR5:1640504	SSF x Near_LoA	-6,50651989	-0,039	0,299
CHR5	1640700	CHR5:1640700	SSF x Near_LoA	-8,806347	-0,044	0,295

CHR5	16435964	CHR5:16435964	SSF x Near_LoA	-9,03606372	0,102	0,286
CHR5	16444608	CHR5:16444608	SSF x Near_LoA	-9,02078986	0,019	0,320
CHR5	16444661	CHR5:16444661	SSF x Near_LoA	-8,52025549	0,022	0,308
CHR5	16446387	CHR5:16446387	SSF x Near_LoA	-6,58230438	-0,074	0,295
CHR5	16450431	CHR5:16450431	SSF x Near_LoA	-7,87453296	-0,093	0,310
CHR5	1645498	CHR5:1645498	SSF x Near_LoA	-9,78475534	-0,073	0,303
CHR5	1645505	CHR5:1645505	SSF x Near_LoA	-7,81538846	0,088	0,295
CHR5	1645607	CHR5:1645607	SSF x Near_LoA	-9,193009	0,072	0,307
CHR5	16456502	CHR5:16456502	SSF x Near_LoA	-8,72913183	-0,040	0,303
CHR5	16456512	CHR5:16456512	SSF x Near_LoA	-7,32421239	-0,059	0,313
CHR5	16456527	CHR5:16456527	SSF x Near_LoA	-8,76394275	-0,019	0,296
CHR5	16456552	CHR5:16456552	SSF x Near_LoA	-8,99827629	-0,049	0,319
CHR5	16467465	CHR5:16467465	SSF x Near_LoA	-9,22536806	0,055	0,314
CHR5	16467904	CHR5:16467904	SSF x Near_LoA	-8,70885749	0,069	0,312
CHR5	16467917	CHR5:16467917	SSF x Near_LoA	-12,1325618	0,019	0,309
CHR5	16467918	CHR5:16467918	SSF x Near_LoA	-11,6800703	0,000	0,307
CHR5	16467923	CHR5:16467923	SSF x Near_LoA	-8,22252977	0,090	0,304
CHR5	16467947	CHR5:16467947	SSF x Near_LoA	-11,2613445	-0,042	0,320
CHR5	16467997	CHR5:16467997	SSF x Near_LoA	-7,6019035	0,031	0,314
CHR5	16473995	CHR5:16473995	SSF x Near_LoA	-8,86662752	0,069	0,317
CHR5	16474021	CHR5:16474021	SSF x Near_LoA	-10,4037539	-0,071	0,311
CHR5	16474049	CHR5:16474049	SSF x Near_LoA	-9,51258232	0,051	0,305
CHR5	16474053	CHR5:16474053	SSF x Near_LoA	-9,36967092	0,004	0,314
CHR5	16474092	CHR5:16474092	SSF x Near_LoA	-8,20788452	0,092	0,316
CHR5	16495341	CHR5:16495341	SSF x Near_LoA	-8,96449374	0,019	0,310
CHR5	16496042	CHR5:16496042	SSF x Near_LoA	-8,67319584	-0,012	0,315
CHR5	16514352	CHR5:16514352	SSF x Near_LoA	-10,8753136	-0,091	0,300
CHR5	16514377	CHR5:16514377	SSF x Near_LoA	-8,40098873	-0,077	0,303
CHR5	16514382	CHR5:16514382	SSF x Near_LoA	-5,42254186	-0,053	0,307
CHR5	16514396	CHR5:16514396	SSF x Near_LoA	-8,49308004	-0,046	0,317
CHR5	16514424	CHR5:16514424	SSF x Near_LoA	-7,7276116	0,012	0,299
CHR5	16514529	CHR5:16514529	SSF x Near_LoA	-9,38026927	-0,015	0,298
CHR5	16514560	CHR5:16514560	SSF x Near_LoA	-6,49134738	-0,106	0,301
CHR5	16539059	CHR5:16539059	SSF x Near_LoA	-9,40879146	-0,107	0,312
CHR5	16539115	CHR5:16539115	SSF x Near_LoA	-12,1544914	-0,090	0,288
CHR5	16539136	CHR5:16539136	SSF x Near_LoA	-10,0014048	-0,107	0,309
CHR5	16544132	CHR5:16544132	SSF x Near_LoA	-8,65483646	-0,108	0,315
CHR5	16547840	CHR5:16547840	SSF x Near_LoA	-9,04408339	0,036	0,302
CHR5	16547849	CHR5:16547849	SSF x Near_LoA	-11,3694338	-0,020	0,302
CHR5	16547852	CHR5:16547852	SSF x Near_LoA	-10,4405061	0,001	0,310
CHR5	16547940	CHR5:16547940	SSF x Near_LoA	-8,96070182	0,026	0,313
CHR5	16547977	CHR5:16547977	SSF x Near_LoA	-9,21175712	-0,037	0,311
CHR5	1655053	CHR5:1655053	SSF x Near_LoA	-9,06202204	0,041	0,325
CHR5	16555179	CHR5:16555179	SSF x Near_LoA	-5,66321588	0,013	0,320
CHR5	16555249	CHR5:16555249	SSF x Near_LoA	-4,76033999	-0,034	0,317
CHR5	16555259	CHR5:16555259	SSF x Near_LoA	-8,69642843	0,040	0,307
CHR5	16559602	CHR5:16559602	SSF x Near_LoA	-8,79779009	0,015	0,300
CHR5	16559654	CHR5:16559654	SSF x Near_LoA	-7,74303706	0,086	0,319
CHR5	16573286	CHR5:16573286	SSF x Near_LoA	-7,96068378	0,168	0,297
CHR5	16573295	CHR5:16573295	SSF x Near_LoA	-10,3725279	0,002	0,312
CHR5	16573355	CHR5:16573355	SSF x Near_LoA	-10,7417823	0,024	0,306
CHR5	16573361	CHR5:16573361	SSF x Near_LoA	-9,01958055	0,006	0,309
CHR5	16573372	CHR5:16573372	SSF x Near_LoA	-8,29163706	-0,054	0,307

CHR5	16573383	CHR5:16573383	SSF x Near_LoA	-10,6761983	-0,037	0,302
CHR5	16573394	CHR5:16573394	SSF x Near_LoA	-10,5201738	0,082	0,305
CHR5	16573456	CHR5:16573456	SSF x Near_LoA	-11,0525045	0,102	0,288
CHR5	16574056	CHR5:16574056	SSF x Near_LoA	-11,0500957	0,088	0,308
CHR5	16574086	CHR5:16574086	SSF x Near_LoA	-10,3161112	0,135	0,302
CHR5	16574088	CHR5:16574088	SSF x Near_LoA	-10,2075223	-0,034	0,301
CHR5	16574110	CHR5:16574110	SSF x Near_LoA	-8,10144343	0,146	0,307
CHR5	1657445	CHR5:1657445	SSF x Near_LoA	-8,11428918	0,004	0,294
CHR5	16574616	CHR5:16574616	SSF x Near_LoA	-8,88624273	-0,113	0,307
CHR5	16574667	CHR5:16574667	SSF x Near_LoA	-8,82561588	0,091	0,310
CHR5	16575394	CHR5:16575394	SSF x Near_LoA	-7,2445843	-0,148	0,304
CHR5	16575432	CHR5:16575432	SSF x Near_LoA	-9,34941816	0,001	0,303
CHR5	16575463	CHR5:16575463	SSF x Near_LoA	-8,98399876	-0,123	0,320
CHR5	1657604	CHR5:1657604	SSF x Near_LoA	-8,69824163	0,186	0,282
CHR5	1657622	CHR5:1657622	SSF x Near_LoA	-12,077098	0,020	0,299
CHR5	16580819	CHR5:16580819	SSF x Near_LoA	-9,16201213	0,100	0,292
CHR5	16580827	CHR5:16580827	SSF x Near_LoA	-8,62329423	-0,050	0,323
CHR5	16580832	CHR5:16580832	SSF x Near_LoA	-6,78589046	0,131	0,316
CHR5	16580835	CHR5:16580835	SSF x Near_LoA	-8,90561688	0,113	0,322
CHR5	16580838	CHR5:16580838	SSF x Near_LoA	-7,84570157	-0,087	0,318
CHR5	16580839	CHR5:16580839	SSF x Near_LoA	-7,82661407	-0,107	0,313
CHR5	16580845	CHR5:16580845	SSF x Near_LoA	-1,80776678	-0,115	0,300
CHR5	16580868	CHR5:16580868	SSF x Near_LoA	-8,78251764	-0,073	0,314
CHR5	16580871	CHR5:16580871	SSF x Near_LoA	-9,42325622	0,022	0,305
CHR5	16580880	CHR5:16580880	SSF x Near_LoA	-9,04740325	-0,091	0,312
CHR5	16580903	CHR5:16580903	SSF x Near_LoA	-8,75475985	-0,093	0,304
CHR5	16580912	CHR5:16580912	SSF x Near_LoA	-7,19042489	0,174	0,300
CHR5	16580913	CHR5:16580913	SSF x Near_LoA	-7,88872179	-0,079	0,315
CHR5	16580994	CHR5:16580994	SSF x Near_LoA	-8,77433098	-0,126	0,309
CHR5	16593846	CHR5:16593846	SSF x Near_LoA	-8,73971698	-0,090	0,305
CHR5	16594001	CHR5:16594001	SSF x Near_LoA	-9,3117783	-0,003	0,300
CHR5	16594029	CHR5:16594029	SSF x Near_LoA	-7,12996861	0,085	0,327
CHR5	16607548	CHR5:16607548	SSF x Near_LoA	-9,42558274	0,048	0,303
CHR5	16607583	CHR5:16607583	SSF x Near_LoA	-9,70265764	0,063	0,304
CHR5	16607587	CHR5:16607587	SSF x Near_LoA	-9,36365614	-0,044	0,305
CHR5	16607604	CHR5:16607604	SSF x Near_LoA	-9,35244744	0,065	0,311
CHR5	16607623	CHR5:16607623	SSF x Near_LoA	-9,26018452	-0,006	0,298
CHR5	16607643	CHR5:16607643	SSF x Near_LoA	-7,57760698	-0,048	0,312
CHR5	16607654	CHR5:16607654	SSF x Near_LoA	-8,97922958	0,020	0,302
CHR5	16610963	CHR5:16610963	SSF x Near_LoA	-8,01191173	0,189	0,301
CHR5	16610984	CHR5:16610984	SSF x Near_LoA	-10,1132276	0,054	0,301
CHR5	16611000	CHR5:16611000	SSF x Near_LoA	-5,47304425	-0,103	0,320
CHR5	16611018	CHR5:16611018	SSF x Near_LoA	-10,2997665	-0,042	0,301
CHR5	16611164	CHR5:16611164	SSF x Near_LoA	0,41407887	0,084	0,311
CHR5	16618624	CHR5:16618624	SSF x Near_LoA	-4,90160373	0,208	0,280
CHR5	16623987	CHR5:16623987	SSF x Near_LoA	-6,41914164	-0,006	0,321
CHR5	16624030	CHR5:16624030	SSF x Near_LoA	-8,93353867	-0,044	0,316
CHR5	16624228	CHR5:16624228	SSF x Near_LoA	-5,109446	0,020	0,312
CHR5	16626544	CHR5:16626544	SSF x Near_LoA	-9,98228847	-0,025	0,311
CHR5	16626558	CHR5:16626558	SSF x Near_LoA	-8,2380956	0,114	0,307
CHR5	16626633	CHR5:16626633	SSF x Near_LoA	-5,79412454	0,081	0,313
CHR5	16626666	CHR5:16626666	SSF x Near_LoA	-8,78849087	0,123	0,309
CHR5	16626756	CHR5:16626756	SSF x Near_LoA	-7,35006378	-0,090	0,293

CHR5	16626784	CHR5:16626784	SSF x Near_LoA	-8,75468883	0,119	0,293
CHR5	16626787	CHR5:16626787	SSF x Near_LoA	-5,69145659	-0,084	0,310
CHR5	16631707	CHR5:16631707	SSF x Near_LoA	-11,2903684	-0,033	0,314
CHR5	16631732	CHR5:16631732	SSF x Near_LoA	-6,59344247	-0,032	0,301
CHR5	16638451	CHR5:16638451	SSF x Near_LoA	-9,884721	-0,031	0,308
CHR5	16638470	CHR5:16638470	SSF x Near_LoA	-10,4737761	-0,045	0,322
CHR5	16638483	CHR5:16638483	SSF x Near_LoA	-8,29342979	-0,035	0,311
CHR5	16638487	CHR5:16638487	SSF x Near_LoA	-11,5051489	-0,018	0,320
CHR5	16638507	CHR5:16638507	SSF x Near_LoA	-6,09234407	-0,042	0,324
CHR5	16638643	CHR5:16638643	SSF x Near_LoA	-9,34166366	-0,016	0,301
CHR5	16641304	CHR5:16641304	SSF x Near_LoA	-9,51828567	-0,009	0,304
CHR5	16646612	CHR5:16646612	SSF x Near_LoA	-7,95718991	-0,051	0,308
CHR5	16646689	CHR5:16646689	SSF x Near_LoA	-9,24493329	-0,027	0,306
CHR5	16646728	CHR5:16646728	SSF x Near_LoA	-5,32110296	-0,023	0,325
CHR5	16646729	CHR5:16646729	SSF x Near_LoA	-5,96384672	-0,035	0,328
CHR5	16655299	CHR5:16655299	SSF x Near_LoA	-5,93818915	-0,014	0,299
CHR5	16659140	CHR5:16659140	SSF x Near_LoA	-10,6274966	0,040	0,318
CHR5	16659194	CHR5:16659194	SSF x Near_LoA	-10,1114943	0,020	0,304
CHR5	16660249	CHR5:16660249	SSF x Near_LoA	-9,16074817	-0,117	0,294
CHR5	16660279	CHR5:16660279	SSF x Near_LoA	-9,35485119	-0,015	0,305
CHR5	1666191	CHR5:1666191	SSF x Near_LoA	-7,83504772	0,067	0,322
CHR5	16669046	CHR5:16669046	SSF x Near_LoA	-8,40461069	0,090	0,312
CHR5	16669049	CHR5:16669049	SSF x Near_LoA	-7,46356756	-0,101	0,307
CHR5	16669224	CHR5:16669224	SSF x Near_LoA	-7,66049119	-0,074	0,298
CHR5	16669249	CHR5:16669249	SSF x Near_LoA	-9,4447586	0,095	0,298
CHR5	16672288	CHR5:16672288	SSF x Near_LoA	-7,1384675	-0,005	0,321
CHR5	16672315	CHR5:16672315	SSF x Near_LoA	-8,45797715	-0,083	0,324
CHR5	16681056	CHR5:16681056	SSF x Near_LoA	-7,49681606	0,116	0,313
CHR5	16681126	CHR5:16681126	SSF x Near_LoA	-8,85277387	-0,023	0,304
CHR5	1668397	CHR5:1668397	SSF x Near_LoA	-9,42299918	-0,014	0,323
CHR5	16689581	CHR5:16689581	SSF x Near_LoA	-9,53651926	-0,014	0,311
CHR5	16689597	CHR5:16689597	SSF x Near_LoA	-5,87831527	-0,019	0,307
CHR5	16692812	CHR5:16692812	SSF x Near_LoA	-10,3066626	0,095	0,308
CHR5	16692930	CHR5:16692930	SSF x Near_LoA	-8,64336132	0,131	0,302
CHR5	1669482	CHR5:1669482	SSF x Near_LoA	-10,2262745	-0,003	0,325
CHR5	1669485	CHR5:1669485	SSF x Near_LoA	-9,63800338	0,055	0,288
CHR5	1669568	CHR5:1669568	SSF x Near_LoA	-7,37175028	-0,052	0,302
CHR5	16699187	CHR5:16699187	SSF x Near_LoA	-8,09561245	0,020	0,308
CHR5	16699193	CHR5:16699193	SSF x Near_LoA	-7,98081402	-0,029	0,319
CHR5	16699199	CHR5:16699199	SSF x Near_LoA	-9,573472	0,039	0,310
CHR5	16699276	CHR5:16699276	SSF x Near_LoA	-8,40032121	0,022	0,314
CHR5	16699319	CHR5:16699319	SSF x Near_LoA	-10,2701368	0,024	0,300
CHR5	16707681	CHR5:16707681	SSF x Near_LoA	-9,45754636	-0,024	0,299
CHR5	16707733	CHR5:16707733	SSF x Near_LoA	-6,05352559	-0,142	0,301
CHR5	16707821	CHR5:16707821	SSF x Near_LoA	-7,13208408	-0,086	0,303
CHR5	16707844	CHR5:16707844	SSF x Near_LoA	-9,93312755	0,044	0,296
CHR5	16707862	CHR5:16707862	SSF x Near_LoA	-9,33074881	0,013	0,306
CHR5	16707925	CHR5:16707925	SSF x Near_LoA	-9,31468868	0,009	0,306
CHR5	16724800	CHR5:16724800	SSF x Near_LoA	-10,6813581	-0,171	0,292
CHR5	16724832	CHR5:16724832	SSF x Near_LoA	-7,83808032	0,139	0,297
CHR5	16724851	CHR5:16724851	SSF x Near_LoA	-6,57099399	-0,193	0,291
CHR5	16724852	CHR5:16724852	SSF x Near_LoA	-7,6529443	-0,159	0,300
CHR5	16726079	CHR5:16726079	SSF x Near_LoA	-9,80189293	0,105	0,317

CHR5	16726126	CHR5:16726126	SSF x Near_LoA	-9,88455306	-0,125	0,307
CHR5	16726155	CHR5:16726155	SSF x Near_LoA	-9,00469863	-0,102	0,314
CHR5	16726160	CHR5:16726160	SSF x Near_LoA	-9,36805844	-0,094	0,307
CHR5	16726222	CHR5:16726222	SSF x Near_LoA	-6,67928517	0,147	0,312
CHR5	16726251	CHR5:16726251	SSF x Near_LoA	-8,61990106	0,144	0,298
CHR5	16726253	CHR5:16726253	SSF x Near_LoA	-4,7947303	0,160	0,305
CHR5	16726254	CHR5:16726254	SSF x Near_LoA	-7,62992455	0,136	0,310
CHR5	16726267	CHR5:16726267	SSF x Near_LoA	-7,99901006	0,041	0,308
CHR5	16726272	CHR5:16726272	SSF x Near_LoA	-5,97047933	0,049	0,312
CHR5	16726288	CHR5:16726288	SSF x Near_LoA	-6,66928397	-0,155	0,311
CHR5	16729606	CHR5:16729606	SSF x Near_LoA	-9,89999511	0,150	0,291
CHR5	16730625	CHR5:16730625	SSF x Near_LoA	3,1963599	0,181	0,306
CHR5	16730681	CHR5:16730681	SSF x Near_LoA	-4,72312283	0,193	0,302
CHR5	16730713	CHR5:16730713	SSF x Near_LoA	-10,56688	-0,122	0,297
CHR5	16743660	CHR5:16743660	SSF x Near_LoA	-8,52781318	0,076	0,305
CHR5	16743676	CHR5:16743676	SSF x Near_LoA	-9,23458267	0,071	0,299
CHR5	16743698	CHR5:16743698	SSF x Near_LoA	-10,1337836	0,094	0,311
CHR5	16746855	CHR5:16746855	SSF x Near_LoA	-11,2579355	-0,040	0,310
CHR5	16746877	CHR5:16746877	SSF x Near_LoA	-9,41206354	0,084	0,302
CHR5	16755390	CHR5:16755390	SSF x Near_LoA	-2,00351327	-0,190	0,296
CHR5	16755419	CHR5:16755419	SSF x Near_LoA	-10,8289576	-0,055	0,304
CHR5	16755439	CHR5:16755439	SSF x Near_LoA	-0,08790788	-0,099	0,307
CHR5	16755468	CHR5:16755468	SSF x Near_LoA	-9,15747587	-0,059	0,305
CHR5	16757555	CHR5:16757555	SSF x Near_LoA	-8,18362123	0,099	0,303
CHR5	16757571	CHR5:16757571	SSF x Near_LoA	-8,48695178	-0,014	0,295
CHR5	16757717	CHR5:16757717	SSF x Near_LoA	-8,48622106	-0,092	0,303
CHR5	16757748	CHR5:16757748	SSF x Near_LoA	-7,97393606	0,017	0,306
CHR5	16763688	CHR5:16763688	SSF x Near_LoA	-7,44491782	0,039	0,303
CHR5	16767237	CHR5:16767237	SSF x Near_LoA	-9,4868501	0,108	0,305
CHR5	16767817	CHR5:16767817	SSF x Near_LoA	-10,6657393	0,037	0,311
CHR5	16767842	CHR5:16767842	SSF x Near_LoA	-8,07702372	-0,154	0,313
CHR5	16767882	CHR5:16767882	SSF x Near_LoA	-8,03973809	-0,022	0,304
CHR5	16768823	CHR5:16768823	SSF x Near_LoA	-7,55789066	0,063	0,320
CHR5	16768840	CHR5:16768840	SSF x Near_LoA	-7,9755879	-0,013	0,302
CHR5	16770874	CHR5:16770874	SSF x Near_LoA	-6,7853698	-0,098	0,302
CHR5	16770893	CHR5:16770893	SSF x Near_LoA	-6,41699366	-0,109	0,312
CHR5	16770926	CHR5:16770926	SSF x Near_LoA	-8,31104444	-0,009	0,316
CHR5	16770995	CHR5:16770995	SSF x Near_LoA	-5,93875112	-0,126	0,297
CHR5	16771039	CHR5:16771039	SSF x Near_LoA	-8,45837659	0,015	0,314
CHR5	16771071	CHR5:16771071	SSF x Near_LoA	-9,1346971	-0,015	0,308
CHR5	16771119	CHR5:16771119	SSF x Near_LoA	-11,0085152	-0,076	0,302
CHR5	16771123	CHR5:16771123	SSF x Near_LoA	-9,14957341	-0,015	0,298
CHR5	16771134	CHR5:16771134	SSF x Near_LoA	-8,21950065	-0,019	0,304
CHR5	16771139	CHR5:16771139	SSF x Near_LoA	-10,4897887	-0,071	0,302
CHR5	16780493	CHR5:16780493	SSF x Near_LoA	0,92341382	-0,109	0,314
CHR5	16780654	CHR5:16780654	SSF x Near_LoA	-3,64815747	-0,125	0,302
CHR5	16780697	CHR5:16780697	SSF x Near_LoA	-6,56535715	-0,185	0,307
CHR5	16787865	CHR5:16787865	SSF x Near_LoA	-10,8833653	0,031	0,304
CHR5	16787927	CHR5:16787927	SSF x Near_LoA	-8,12397442	0,026	0,307
CHR5	16790515	CHR5:16790515	SSF x Near_LoA	-9,10674143	0,096	0,315
CHR5	16790518	CHR5:16790518	SSF x Near_LoA	-9,43518751	-0,034	0,300
CHR5	16790533	CHR5:16790533	SSF x Near_LoA	-8,35423283	-0,065	0,311
CHR5	16790570	CHR5:16790570	SSF x Near_LoA	-8,82590658	0,133	0,311

CHR5	16790592	CHR5:16790592	SSF x Near_LoA	-8,11594851	-0,052	0,307
CHR5	16790593	CHR5:16790593	SSF x Near_LoA	-10,5220538	-0,013	0,293
CHR5	16790609	CHR5:16790609	SSF x Near_LoA	-8,91482636	-0,043	0,311
CHR5	16790620	CHR5:16790620	SSF x Near_LoA	-5,38458643	-0,003	0,305
CHR5	16795080	CHR5:16795080	SSF x Near_LoA	-8,12574156	-0,035	0,322
CHR5	16795084	CHR5:16795084	SSF x Near_LoA	-9,10958414	0,115	0,300
CHR5	16795086	CHR5:16795086	SSF x Near_LoA	-7,37327354	0,065	0,320
CHR5	16800103	CHR5:16800103	SSF x Near_LoA	-10,2778981	0,001	0,298
CHR5	16800143	CHR5:16800143	SSF x Near_LoA	-7,89924499	0,093	0,306
CHR5	16800144	CHR5:16800144	SSF x Near_LoA	-10,5188897	-0,005	0,291
CHR5	16800150	CHR5:16800150	SSF x Near_LoA	-11,3192186	0,004	0,297
CHR5	16802958	CHR5:16802958	SSF x Near_LoA	-5,43264797	-0,145	0,303
CHR5	16806663	CHR5:16806663	SSF x Near_LoA	-9,55688282	-0,085	0,311
CHR5	16806664	CHR5:16806664	SSF x Near_LoA	-9,26060181	-0,092	0,320
CHR5	16806703	CHR5:16806703	SSF x Near_LoA	-7,93705009	-0,092	0,307
CHR5	1680918	CHR5:1680918	SSF x Near_LoA	-11,5305981	0,115	0,308
CHR5	1680919	CHR5:1680919	SSF x Near_LoA	-11,0102787	-0,021	0,303
CHR5	1680940	CHR5:1680940	SSF x Near_LoA	-5,33215562	-0,106	0,304
CHR5	1680943	CHR5:1680943	SSF x Near_LoA	-6,98208877	-0,086	0,308
CHR5	16810642	CHR5:16810642	SSF x Near_LoA	-9,12504769	-0,080	0,301
CHR5	16811853	CHR5:16811853	SSF x Near_LoA	-11,6081756	-0,026	0,308
CHR5	16811872	CHR5:16811872	SSF x Near_LoA	-10,6086293	-0,060	0,302
CHR5	16811939	CHR5:16811939	SSF x Near_LoA	-7,5537884	-0,123	0,308
CHR5	16826834	CHR5:16826834	SSF x Near_LoA	-8,1261797	-0,015	0,309
CHR5	16826847	CHR5:16826847	SSF x Near_LoA	-8,83542527	-0,013	0,314
CHR5	16826880	CHR5:16826880	SSF x Near_LoA	-8,34320131	0,050	0,301
CHR5	16826886	CHR5:16826886	SSF x Near_LoA	-8,83612931	-0,015	0,306
CHR5	16826888	CHR5:16826888	SSF x Near_LoA	-9,5447622	-0,052	0,312
CHR5	16826942	CHR5:16826942	SSF x Near_LoA	-8,37798415	-0,060	0,313
CHR5	16829022	CHR5:16829022	SSF x Near_LoA	-10,0766883	-0,057	0,304
CHR5	16829219	CHR5:16829219	SSF x Near_LoA	-2,84972114	0,227	0,297
CHR5	16829266	CHR5:16829266	SSF x Near_LoA	-10,9602168	-0,015	0,308
CHR5	16840068	CHR5:16840068	SSF x Near_LoA	-10,8803105	0,012	0,296
CHR5	16840099	CHR5:16840099	SSF x Near_LoA	-10,0668807	0,029	0,298
CHR5	16853930	CHR5:16853930	SSF x Near_LoA	-7,8346905	0,111	0,307
CHR5	16853931	CHR5:16853931	SSF x Near_LoA	-9,10555249	-0,043	0,310
CHR5	16853949	CHR5:16853949	SSF x Near_LoA	-5,52315958	-0,125	0,308
CHR5	16870196	CHR5:16870196	SSF x Near_LoA	-7,91816766	-0,008	0,317
CHR5	16870211	CHR5:16870211	SSF x Near_LoA	-8,8330449	0,131	0,310
CHR5	16876682	CHR5:16876682	SSF x Near_LoA	-9,09493337	-0,056	0,305
CHR5	16876730	CHR5:16876730	SSF x Near_LoA	-10,9510788	-0,001	0,297
CHR5	16876767	CHR5:16876767	SSF x Near_LoA	-9,11227877	-0,076	0,317
CHR5	16876956	CHR5:16876956	SSF x Near_LoA	-6,28329043	0,016	0,310
CHR5	16876968	CHR5:16876968	SSF x Near_LoA	-8,22632597	-0,063	0,318
CHR5	16876984	CHR5:16876984	SSF x Near_LoA	-8,0164587	-0,016	0,318
CHR5	16877030	CHR5:16877030	SSF x Near_LoA	-8,70985036	-0,005	0,302
CHR5	16883008	CHR5:16883008	SSF x Near_LoA	-9,28673084	-0,040	0,312
CHR5	16883034	CHR5:16883034	SSF x Near_LoA	-6,20288067	0,033	0,309
CHR5	16883085	CHR5:16883085	SSF x Near_LoA	-8,19612691	-0,103	0,309
CHR5	16883102	CHR5:16883102	SSF x Near_LoA	-4,76180262	0,097	0,311
CHR5	16883135	CHR5:16883135	SSF x Near_LoA	-8,67323524	-0,018	0,308
CHR5	16883138	CHR5:16883138	SSF x Near_LoA	-8,39905308	-0,034	0,304
CHR5	16892900	CHR5:16892900	SSF x Near_LoA	-9,58196392	0,000	0,313

CHR5	16892965	CHR5:16892965	SSF x Near_LoA	-9,92507367	0,048	0,308
CHR5	16893005	CHR5:16893005	SSF x Near_LoA	-7,27205952	0,042	0,319
CHR5	16906197	CHR5:16906197	SSF x Near_LoA	-8,15178647	0,011	0,316
CHR5	16906232	CHR5:16906232	SSF x Near_LoA	-9,0256024	-0,083	0,303
CHR5	16906319	CHR5:16906319	SSF x Near_LoA	-11,2748738	0,066	0,311
CHR5	16906377	CHR5:16906377	SSF x Near_LoA	-10,0928753	0,079	0,297
CHR5	16906439	CHR5:16906439	SSF x Near_LoA	-8,51872923	0,064	0,319
CHR5	16911508	CHR5:16911508	SSF x Near_LoA	-10,9374368	0,032	0,300
CHR5	16911510	CHR5:16911510	SSF x Near_LoA	-10,6084622	0,025	0,312
CHR5	16911576	CHR5:16911576	SSF x Near_LoA	-9,88514031	0,069	0,314
CHR5	16911577	CHR5:16911577	SSF x Near_LoA	-9,73200331	0,078	0,316
CHR5	16911587	CHR5:16911587	SSF x Near_LoA	-10,0195171	-0,086	0,300
CHR5	16912312	CHR5:16912312	SSF x Near_LoA	-8,87409741	-0,075	0,307
CHR5	16912317	CHR5:16912317	SSF x Near_LoA	-7,86168032	-0,091	0,313
CHR5	16912327	CHR5:16912327	SSF x Near_LoA	-10,2980779	-0,073	0,311
CHR5	16914403	CHR5:16914403	SSF x Near_LoA	-9,39999891	-0,079	0,320
CHR5	16914436	CHR5:16914436	SSF x Near_LoA	-9,97332151	-0,089	0,322
CHR5	16914458	CHR5:16914458	SSF x Near_LoA	-8,48350946	-0,021	0,299
CHR5	16914477	CHR5:16914477	SSF x Near_LoA	-9,94405448	0,083	0,312
CHR5	16914479	CHR5:16914479	SSF x Near_LoA	-8,74537297	0,053	0,290
CHR5	16914483	CHR5:16914483	SSF x Near_LoA	-9,60242003	0,044	0,292
CHR5	16914492	CHR5:16914492	SSF x Near_LoA	-8,04385719	0,031	0,302
CHR5	16914548	CHR5:16914548	SSF x Near_LoA	-9,91556647	0,054	0,303
CHR5	16914579	CHR5:16914579	SSF x Near_LoA	-8,88961031	0,007	0,313
CHR5	16914584	CHR5:16914584	SSF x Near_LoA	-9,53146739	0,135	0,316
CHR5	16924191	CHR5:16924191	SSF x Near_LoA	-9,03343789	0,057	0,313
CHR5	16924208	CHR5:16924208	SSF x Near_LoA	-8,70645958	0,039	0,311
CHR5	16924263	CHR5:16924263	SSF x Near_LoA	-7,8947539	-0,014	0,300
CHR5	16924315	CHR5:16924315	SSF x Near_LoA	-7,25868842	0,050	0,303
CHR5	16924399	CHR5:16924399	SSF x Near_LoA	-10,7391737	-0,123	0,298
CHR5	16926949	CHR5:16926949	SSF x Near_LoA	-8,42560803	-0,051	0,322
CHR5	16927026	CHR5:16927026	SSF x Near_LoA	-8,52761007	0,063	0,317
CHR5	16927084	CHR5:16927084	SSF x Near_LoA	-8,07720169	-0,140	0,305
CHR5	16927085	CHR5:16927085	SSF x Near_LoA	-9,64689709	-0,026	0,297
CHR5	16929337	CHR5:16929337	SSF x Near_LoA	-7,85737931	0,074	0,312
CHR5	16929410	CHR5:16929410	SSF x Near_LoA	-11,1039764	0,024	0,321
CHR5	16929495	CHR5:16929495	SSF x Near_LoA	-7,61023858	0,124	0,305
CHR5	16948911	CHR5:16948911	SSF x Near_LoA	-11,5034279	-0,006	0,303
CHR5	16949027	CHR5:16949027	SSF x Near_LoA	-10,9595245	-0,076	0,316
CHR5	16956924	CHR5:16956924	SSF x Near_LoA	-8,86299826	-0,072	0,298
CHR5	16956998	CHR5:16956998	SSF x Near_LoA	-10,3105568	-0,073	0,307
CHR5	16957001	CHR5:16957001	SSF x Near_LoA	-2,96197823	-0,289	0,288
CHR5	16963367	CHR5:16963367	SSF x Near_LoA	-9,28455704	-0,065	0,309
CHR5	16963392	CHR5:16963392	SSF x Near_LoA	-8,33394205	0,050	0,306
CHR5	16963422	CHR5:16963422	SSF x Near_LoA	-7,96874779	0,040	0,319
CHR5	16963446	CHR5:16963446	SSF x Near_LoA	-10,9026259	0,010	0,323
CHR5	16963462	CHR5:16963462	SSF x Near_LoA	-8,85619213	0,007	0,317
CHR5	16966703	CHR5:16966703	SSF x Near_LoA	-9,16695255	-0,065	0,307
CHR5	16973455	CHR5:16973455	SSF x Near_LoA	-9,18255122	-0,087	0,298
CHR5	16973460	CHR5:16973460	SSF x Near_LoA	-8,61531621	-0,155	0,300
CHR5	16973461	CHR5:16973461	SSF x Near_LoA	-6,82530506	-0,189	0,298
CHR5	16973464	CHR5:16973464	SSF x Near_LoA	-7,79031236	-0,171	0,298
CHR5	16973507	CHR5:16973507	SSF x Near_LoA	-10,3977565	-0,028	0,308

CHR5	16973514	CHR5:16973514	SSF x Near_LoA	-10,0256611	-0,057	0,313
CHR5	16973543	CHR5:16973543	SSF x Near_LoA	-7,48394594	0,037	0,314
CHR5	16973558	CHR5:16973558	SSF x Near_LoA	-11,0219988	0,094	0,312
CHR5	16973577	CHR5:16973577	SSF x Near_LoA	-11,837456	0,048	0,308
CHR5	16973581	CHR5:16973581	SSF x Near_LoA	-11,5992633	-0,053	0,315
CHR5	16973582	CHR5:16973582	SSF x Near_LoA	-10,8013987	-0,060	0,323
CHR5	16973587	CHR5:16973587	SSF x Near_LoA	-8,20786103	-0,027	0,312
CHR5	16973688	CHR5:16973688	SSF x Near_LoA	-7,81755664	-0,057	0,304
CHR5	16973693	CHR5:16973693	SSF x Near_LoA	-8,95791617	0,091	0,300
CHR5	16973701	CHR5:16973701	SSF x Near_LoA	-10,70941	-0,069	0,307
CHR5	16973706	CHR5:16973706	SSF x Near_LoA	-10,7149448	-0,015	0,311
CHR5	16977985	CHR5:16977985	SSF x Near_LoA	-8,87193872	-0,183	0,304
CHR5	16978039	CHR5:16978039	SSF x Near_LoA	-10,2377444	0,046	0,320
CHR5	16982608	CHR5:16982608	SSF x Near_LoA	-9,66242802	-0,025	0,307
CHR5	16982620	CHR5:16982620	SSF x Near_LoA	-9,30632263	0,005	0,319
CHR5	16989252	CHR5:16989252	SSF x Near_LoA	-6,82758934	0,044	0,319
CHR5	16989271	CHR5:16989271	SSF x Near_LoA	-8,48870889	0,040	0,313
CHR5	16989290	CHR5:16989290	SSF x Near_LoA	-9,89863642	0,102	0,305
CHR5	1699092	CHR5:1699092	SSF x Near_LoA	-0,90283989	-0,199	0,305
CHR5	1699130	CHR5:1699130	SSF x Near_LoA	-8,45715297	0,086	0,300
CHR5	16991393	CHR5:16991393	SSF x Near_LoA	-9,0061413	0,129	0,308
CHR5	16991415	CHR5:16991415	SSF x Near_LoA	-8,97979524	-0,066	0,304
CHR5	16991471	CHR5:16991471	SSF x Near_LoA	-10,8087601	-0,012	0,299
CHR5	1699172	CHR5:1699172	SSF x Near_LoA	-9,36374823	0,111	0,308
CHR5	16999196	CHR5:16999196	SSF x Near_LoA	-9,07302866	0,058	0,301
CHR5	17013689	CHR5:17013689	SSF x Near_LoA	-0,60000306	0,050	0,307
CHR5	17037879	CHR5:17037879	SSF x Near_LoA	-6,84811434	0,130	0,291
CHR5	17037954	CHR5:17037954	SSF x Near_LoA	-11,2689567	-0,069	0,311
CHR5	17040075	CHR5:17040075	SSF x Near_LoA	-11,3640053	-0,030	0,308
CHR5	17040097	CHR5:17040097	SSF x Near_LoA	-9,14288436	0,085	0,302
CHR5	17040338	CHR5:17040338	SSF x Near_LoA	-9,74370659	-0,102	0,291
CHR5	17040341	CHR5:17040341	SSF x Near_LoA	-9,79665224	-0,107	0,301
CHR5	17042514	CHR5:17042514	SSF x Near_LoA	-8,47637451	0,091	0,307
CHR5	17042540	CHR5:17042540	SSF x Near_LoA	-9,19552501	-0,011	0,312
CHR5	17042594	CHR5:17042594	SSF x Near_LoA	-9,22077571	-0,076	0,309
CHR5	17052029	CHR5:17052029	SSF x Near_LoA	-10,7983422	-0,090	0,314
CHR5	17052046	CHR5:17052046	SSF x Near_LoA	-9,2356335	-0,133	0,320
CHR5	17052054	CHR5:17052054	SSF x Near_LoA	-9,93385708	-0,059	0,325
CHR5	17055868	CHR5:17055868	SSF x Near_LoA	-8,76512407	0,105	0,314
CHR5	17055924	CHR5:17055924	SSF x Near_LoA	-9,63735838	-0,010	0,305
CHR5	17059510	CHR5:17059510	SSF x Near_LoA	-9,94675466	-0,002	0,319
CHR5	17059515	CHR5:17059515	SSF x Near_LoA	-7,84212314	-0,089	0,299
CHR5	17059532	CHR5:17059532	SSF x Near_LoA	-11,3606874	-0,080	0,309
CHR5	17059533	CHR5:17059533	SSF x Near_LoA	-11,8327214	-0,041	0,313
CHR5	17059538	CHR5:17059538	SSF x Near_LoA	-9,35271276	-0,089	0,319
CHR5	17059544	CHR5:17059544	SSF x Near_LoA	-7,8965602	-0,127	0,312
CHR5	17070681	CHR5:17070681	SSF x Near_LoA	-6,16561069	-0,022	0,310
CHR5	17070684	CHR5:17070684	SSF x Near_LoA	-10,3262962	-0,048	0,301
CHR5	17070695	CHR5:17070695	SSF x Near_LoA	-10,2139116	-0,051	0,320
CHR5	17070696	CHR5:17070696	SSF x Near_LoA	-9,14426708	-0,023	0,314
CHR5	17070700	CHR5:17070700	SSF x Near_LoA	-10,7550579	-0,033	0,310
CHR5	17070707	CHR5:17070707	SSF x Near_LoA	-10,6859834	-0,060	0,315
CHR5	17070720	CHR5:17070720	SSF x Near_LoA	-9,53148789	-0,032	0,318

CHR5	17070735	CHR5:17070735	SSF x Near_LoA	-9,89855475	-0,030	0,306
CHR5	17070742	CHR5:17070742	SSF x Near_LoA	-10,693774	-0,080	0,316
CHR5	17070747	CHR5:17070747	SSF x Near_LoA	-10,1466865	0,003	0,309
CHR5	17070752	CHR5:17070752	SSF x Near_LoA	-9,20538914	-0,049	0,310
CHR5	17080010	CHR5:17080010	SSF x Near_LoA	-8,03291345	-0,010	0,315
CHR5	17091319	CHR5:17091319	SSF x Near_LoA	-7,22036479	0,093	0,317
CHR5	17103462	CHR5:17103462	SSF x Near_LoA	-8,60870616	0,097	0,312
CHR5	17103473	CHR5:17103473	SSF x Near_LoA	-5,94112171	0,155	0,295
CHR5	17103484	CHR5:17103484	SSF x Near_LoA	-10,0250549	-0,132	0,315
CHR5	1710397	CHR5:1710397	SSF x Near_LoA	-8,13671292	-0,122	0,298
CHR5	1710415	CHR5:1710415	SSF x Near_LoA	-7,6506365	0,145	0,303
CHR5	1710460	CHR5:1710460	SSF x Near_LoA	-8,68807758	0,046	0,309
CHR5	1710473	CHR5:1710473	SSF x Near_LoA	-8,43414264	-0,058	0,313
CHR5	17106951	CHR5:17106951	SSF x Near_LoA	-7,94880455	0,028	0,312
CHR5	17106979	CHR5:17106979	SSF x Near_LoA	-10,5325776	0,025	0,312
CHR5	17107008	CHR5:17107008	SSF x Near_LoA	-11,2145468	0,049	0,299
CHR5	17107037	CHR5:17107037	SSF x Near_LoA	-7,92165683	0,023	0,303
CHR5	17107049	CHR5:17107049	SSF x Near_LoA	-10,1195919	0,050	0,298
CHR5	17108678	CHR5:17108678	SSF x Near_LoA	-7,74154505	-0,073	0,323
CHR5	17108921	CHR5:17108921	SSF x Near_LoA	-3,37390198	-0,109	0,311
CHR5	17108987	CHR5:17108987	SSF x Near_LoA	-8,85002168	-0,043	0,303
CHR5	17113465	CHR5:17113465	SSF x Near_LoA	-10,1026094	0,046	0,322
CHR5	17117320	CHR5:17117320	SSF x Near_LoA	-5,74932602	-0,070	0,324
CHR5	17117455	CHR5:17117455	SSF x Near_LoA	-10,0679626	-0,119	0,307
CHR5	17120633	CHR5:17120633	SSF x Near_LoA	-7,65298315	-0,068	0,284
CHR5	17124300	CHR5:17124300	SSF x Near_LoA	-10,2706959	-0,004	0,300
CHR5	17131339	CHR5:17131339	SSF x Near_LoA	-7,34165614	-0,034	0,316
CHR5	17134770	CHR5:17134770	SSF x Near_LoA	-9,11879603	-0,002	0,304
CHR5	17134778	CHR5:17134778	SSF x Near_LoA	-10,5836545	0,084	0,305
CHR5	17134779	CHR5:17134779	SSF x Near_LoA	-10,4909993	0,006	0,308
CHR5	17134791	CHR5:17134791	SSF x Near_LoA	-10,1235305	0,085	0,309
CHR5	17134820	CHR5:17134820	SSF x Near_LoA	-8,87001122	0,068	0,314
CHR5	17134835	CHR5:17134835	SSF x Near_LoA	-7,79190575	-0,124	0,307
CHR5	17154324	CHR5:17154324	SSF x Near_LoA	-8,78155142	0,099	0,308
CHR5	17154363	CHR5:17154363	SSF x Near_LoA	-3,26880983	0,102	0,296
CHR5	17154376	CHR5:17154376	SSF x Near_LoA	-10,4666406	-0,005	0,301
CHR5	17154377	CHR5:17154377	SSF x Near_LoA	-9,63677694	0,056	0,307
CHR5	17154384	CHR5:17154384	SSF x Near_LoA	-10,4975699	0,107	0,302
CHR5	17154385	CHR5:17154385	SSF x Near_LoA	-3,40832671	-0,118	0,299
CHR5	17154455	CHR5:17154455	SSF x Near_LoA	-9,03841546	0,061	0,309
CHR5	17154486	CHR5:17154486	SSF x Near_LoA	-7,64072718	0,060	0,318
CHR5	17154498	CHR5:17154498	SSF x Near_LoA	-6,56333303	-0,119	0,297
CHR5	17154529	CHR5:17154529	SSF x Near_LoA	-4,40968752	-0,193	0,290
CHR5	17154545	CHR5:17154545	SSF x Near_LoA	-9,7045686	0,010	0,312
CHR5	17154547	CHR5:17154547	SSF x Near_LoA	-10,6206989	-0,102	0,308
CHR5	17154558	CHR5:17154558	SSF x Near_LoA	-10,7724022	0,014	0,310
CHR5	17154563	CHR5:17154563	SSF x Near_LoA	-8,81066134	0,026	0,307
CHR5	17154570	CHR5:17154570	SSF x Near_LoA	-3,54196099	-0,146	0,304
CHR5	1715788	CHR5:1715788	SSF x Near_LoA	-5,43823777	-0,015	0,294
CHR5	1715838	CHR5:1715838	SSF x Near_LoA	-11,1749696	-0,027	0,312
CHR5	1715859	CHR5:1715859	SSF x Near_LoA	-8,03423182	-0,087	0,301
CHR5	1715939	CHR5:1715939	SSF x Near_LoA	-12,4183966	-0,010	0,300
CHR5	1715954	CHR5:1715954	SSF x Near_LoA	-7,23752379	0,153	0,311

CHR5	1715963	CHR5:1715963	SSF x Near_LoA	-3,08181143	0,197	0,303
CHR5	1715966	CHR5:1715966	SSF x Near_LoA	-9,4558701	0,017	0,307
CHR5	1715990	CHR5:1715990	SSF x Near_LoA	-10,3274272	-0,031	0,316
CHR5	1716015	CHR5:1716015	SSF x Near_LoA	-9,72341086	-0,064	0,301
CHR5	17160772	CHR5:17160772	SSF x Near_LoA	-9,99300549	-0,078	0,309
CHR5	17160777	CHR5:17160777	SSF x Near_LoA	-8,23101018	0,158	0,301
CHR5	17160818	CHR5:17160818	SSF x Near_LoA	-10,6928832	-0,004	0,316
CHR5	17163628	CHR5:17163628	SSF x Near_LoA	-8,32902939	-0,031	0,311
CHR5	17163632	CHR5:17163632	SSF x Near_LoA	-7,3553321	0,053	0,296
CHR5	17163705	CHR5:17163705	SSF x Near_LoA	-11,0048767	-0,027	0,312
CHR5	17163719	CHR5:17163719	SSF x Near_LoA	-8,89494473	0,015	0,300
CHR5	17163730	CHR5:17163730	SSF x Near_LoA	-9,45026526	-0,046	0,317
CHR5	17163769	CHR5:17163769	SSF x Near_LoA	-9,54596641	0,105	0,295
CHR5	17170667	CHR5:17170667	SSF x Near_LoA	-11,0054463	-0,054	0,312
CHR5	17171796	CHR5:17171796	SSF x Near_LoA	-8,92441796	-0,103	0,305
CHR5	17171809	CHR5:17171809	SSF x Near_LoA	-9,1378978	0,022	0,298
CHR5	17171815	CHR5:17171815	SSF x Near_LoA	-10,6059531	0,023	0,299
CHR5	17171863	CHR5:17171863	SSF x Near_LoA	-7,91892942	0,060	0,316
CHR5	17185757	CHR5:17185757	SSF x Near_LoA	-10,1468936	-0,047	0,312
CHR5	17185897	CHR5:17185897	SSF x Near_LoA	-9,47816282	0,033	0,314
CHR5	17185930	CHR5:17185930	SSF x Near_LoA	-7,81135412	0,103	0,307
CHR5	17185931	CHR5:17185931	SSF x Near_LoA	-7,71750515	-0,169	0,314
CHR5	17185937	CHR5:17185937	SSF x Near_LoA	-7,36120642	-0,171	0,308
CHR5	17185967	CHR5:17185967	SSF x Near_LoA	-9,38729417	0,031	0,314
CHR5	17189577	CHR5:17189577	SSF x Near_LoA	-8,29002193	-0,005	0,308
CHR5	17189596	CHR5:17189596	SSF x Near_LoA	-9,12614158	-0,038	0,299
CHR5	17189691	CHR5:17189691	SSF x Near_LoA	-8,29121337	-0,091	0,303
CHR5	17189694	CHR5:17189694	SSF x Near_LoA	-9,99834465	-0,083	0,302
CHR5	17189718	CHR5:17189718	SSF x Near_LoA	-9,6684442	0,096	0,304
CHR5	17189785	CHR5:17189785	SSF x Near_LoA	-8,10138027	0,027	0,293
CHR5	17189787	CHR5:17189787	SSF x Near_LoA	-9,01582535	-0,047	0,301
CHR5	17200965	CHR5:17200965	SSF x Near_LoA	-8,4942164	-0,015	0,313
CHR5	17201030	CHR5:17201030	SSF x Near_LoA	-8,85082466	-0,061	0,300
CHR5	17207072	CHR5:17207072	SSF x Near_LoA	-11,8065884	0,088	0,306
CHR5	17209599	CHR5:17209599	SSF x Near_LoA	-8,67026724	-0,105	0,311
CHR5	17209623	CHR5:17209623	SSF x Near_LoA	-10,7290309	-0,097	0,301
CHR5	17209705	CHR5:17209705	SSF x Near_LoA	-2,76011818	0,003	0,293
CHR5	17209707	CHR5:17209707	SSF x Near_LoA	-10,1432246	-0,050	0,292
CHR5	17218297	CHR5:17218297	SSF x Near_LoA	-8,63684393	0,193	0,291
CHR5	17218299	CHR5:17218299	SSF x Near_LoA	-9,06856207	0,020	0,313
CHR5	17219143	CHR5:17219143	SSF x Near_LoA	-9,08456932	-0,013	0,317
CHR5	17219158	CHR5:17219158	SSF x Near_LoA	-4,60817816	0,143	0,304
CHR5	17219184	CHR5:17219184	SSF x Near_LoA	-9,16915821	0,173	0,299
CHR5	17219190	CHR5:17219190	SSF x Near_LoA	-8,3674026	0,157	0,300
CHR5	17219237	CHR5:17219237	SSF x Near_LoA	-10,4758256	0,103	0,318
CHR5	17219375	CHR5:17219375	SSF x Near_LoA	-9,72070621	-0,101	0,312
CHR5	17225358	CHR5:17225358	SSF x Near_LoA	-11,8442704	0,052	0,309
CHR5	17225591	CHR5:17225591	SSF x Near_LoA	-10,8963874	0,011	0,304
CHR5	17226062	CHR5:17226062	SSF x Near_LoA	-9,7917563	0,126	0,313
CHR5	17226162	CHR5:17226162	SSF x Near_LoA	-8,2622301	-0,007	0,297
CHR5	17226221	CHR5:17226221	SSF x Near_LoA	-9,39372532	-0,010	0,309
CHR5	17241218	CHR5:17241218	SSF x Near_LoA	-8,85813417	0,093	0,309
CHR5	17241220	CHR5:17241220	SSF x Near_LoA	-8,67361343	0,004	0,312

CHR5	17241232	CHR5:17241232	SSF x Near_LoA	-8,17014563	-0,023	0,317
CHR5	17241241	CHR5:17241241	SSF x Near_LoA	-4,09774945	0,072	0,302
CHR5	17241242	CHR5:17241242	SSF x Near_LoA	-9,18618846	0,059	0,319
CHR5	17241344	CHR5:17241344	SSF x Near_LoA	-9,94369195	-0,043	0,310
CHR5	17244428	CHR5:17244428	SSF x Near_LoA	-9,31463449	-0,123	0,304
CHR5	17244469	CHR5:17244469	SSF x Near_LoA	-11,5800495	0,005	0,295
CHR5	17244479	CHR5:17244479	SSF x Near_LoA	-7,61126118	-0,153	0,309
CHR5	17244496	CHR5:17244496	SSF x Near_LoA	-9,20138633	0,127	0,309
CHR5	17244538	CHR5:17244538	SSF x Near_LoA	-9,53043774	0,007	0,308
CHR5	17253160	CHR5:17253160	SSF x Near_LoA	-7,2581541	-0,114	0,297
CHR5	17253400	CHR5:17253400	SSF x Near_LoA	-11,323415	0,009	0,318
CHR5	17255139	CHR5:17255139	SSF x Near_LoA	-11,4629998	-0,069	0,310
CHR5	17256179	CHR5:17256179	SSF x Near_LoA	-8,25412464	-0,053	0,315
CHR5	17256239	CHR5:17256239	SSF x Near_LoA	-7,53793816	0,146	0,311
CHR5	1725828	CHR5:1725828	SSF x Near_LoA	-10,2888837	-0,037	0,299
CHR5	1725854	CHR5:1725854	SSF x Near_LoA	-10,7820454	0,012	0,314
CHR5	17258964	CHR5:17258964	SSF x Near_LoA	-8,37937298	0,055	0,321
CHR5	17258990	CHR5:17258990	SSF x Near_LoA	-11,0777309	-0,054	0,304
CHR5	17259172	CHR5:17259172	SSF x Near_LoA	-10,6362318	-0,013	0,306
CHR5	17268331	CHR5:17268331	SSF x Near_LoA	-9,73636243	-0,070	0,317
CHR5	17268423	CHR5:17268423	SSF x Near_LoA	-10,8141714	0,021	0,315
CHR5	17285403	CHR5:17285403	SSF x Near_LoA	-9,54517598	-0,042	0,303
CHR5	17285404	CHR5:17285404	SSF x Near_LoA	-8,4315905	-0,040	0,322
CHR5	17285435	CHR5:17285435	SSF x Near_LoA	-9,17785798	0,013	0,305
CHR5	17285494	CHR5:17285494	SSF x Near_LoA	-11,8410163	0,027	0,303
CHR5	17285495	CHR5:17285495	SSF x Near_LoA	-7,96221883	0,066	0,295
CHR5	17285497	CHR5:17285497	SSF x Near_LoA	-9,10690952	0,045	0,303
CHR5	17285507	CHR5:17285507	SSF x Near_LoA	-10,0812422	0,100	0,298
CHR5	17285521	CHR5:17285521	SSF x Near_LoA	-11,264782	0,063	0,315
CHR5	17287383	CHR5:17287383	SSF x Near_LoA	-11,1820106	0,087	0,305
CHR5	17287441	CHR5:17287441	SSF x Near_LoA	-9,83097474	0,056	0,309
CHR5	17288470	CHR5:17288470	SSF x Near_LoA	-11,4111498	0,010	0,297
CHR5	17297610	CHR5:17297610	SSF x Near_LoA	-8,18180951	0,022	0,312
CHR5	17297686	CHR5:17297686	SSF x Near_LoA	-8,36034863	0,001	0,310
CHR5	17300776	CHR5:17300776	SSF x Near_LoA	-9,22457397	-0,083	0,317
CHR5	17300864	CHR5:17300864	SSF x Near_LoA	-10,4264027	-0,047	0,310
CHR5	17305784	CHR5:17305784	SSF x Near_LoA	-10,9111375	-0,101	0,306
CHR5	17305865	CHR5:17305865	SSF x Near_LoA	-8,94761183	0,106	0,308
CHR5	1731422	CHR5:1731422	SSF x Near_LoA	-8,95164573	0,063	0,286
CHR5	1731435	CHR5:1731435	SSF x Near_LoA	-8,74660946	-0,035	0,315
CHR5	1731444	CHR5:1731444	SSF x Near_LoA	-9,98992274	-0,074	0,296
CHR5	1731456	CHR5:1731456	SSF x Near_LoA	-9,40553019	0,112	0,298
CHR5	1731488	CHR5:1731488	SSF x Near_LoA	-9,40180065	0,010	0,321
CHR5	1731490	CHR5:1731490	SSF x Near_LoA	-0,36797314	-0,170	0,298
CHR5	1731491	CHR5:1731491	SSF x Near_LoA	-9,83889053	0,004	0,309
CHR5	1731525	CHR5:1731525	SSF x Near_LoA	-8,98031808	-0,013	0,319
CHR5	1731528	CHR5:1731528	SSF x Near_LoA	-9,17873046	-0,013	0,309
CHR5	1731552	CHR5:1731552	SSF x Near_LoA	-8,7827237	-0,080	0,303
CHR5	1731661	CHR5:1731661	SSF x Near_LoA	-11,4651711	-0,020	0,296
CHR5	1731698	CHR5:1731698	SSF x Near_LoA	-4,55851488	0,143	0,310
CHR5	1731719	CHR5:1731719	SSF x Near_LoA	-11,8117385	0,009	0,299
CHR5	17336010	CHR5:17336010	SSF x Near_LoA	-9,41404545	-0,084	0,300
CHR5	17336047	CHR5:17336047	SSF x Near_LoA	-9,44110729	0,025	0,316

CHR5	17337465	CHR5:17337465	SSF x Near_LoA	-8,18448702	-0,055	0,314
CHR5	17337528	CHR5:17337528	SSF x Near_LoA	-8,69366197	0,057	0,315
CHR5	17337594	CHR5:17337594	SSF x Near_LoA	-6,20181167	0,118	0,304
CHR5	17337651	CHR5:17337651	SSF x Near_LoA	-9,07324322	0,062	0,329
CHR5	17337704	CHR5:17337704	SSF x Near_LoA	-9,56628923	-0,024	0,318
CHR5	17346530	CHR5:17346530	SSF x Near_LoA	-12,084082	0,041	0,312
CHR5	17346537	CHR5:17346537	SSF x Near_LoA	-11,1124771	-0,010	0,312
CHR5	17346550	CHR5:17346550	SSF x Near_LoA	-6,56564895	0,163	0,315
CHR5	17346580	CHR5:17346580	SSF x Near_LoA	-10,8083701	-0,068	0,307
CHR5	17349493	CHR5:17349493	SSF x Near_LoA	-11,1779132	0,006	0,303
CHR5	17349510	CHR5:17349510	SSF x Near_LoA	-7,50753825	-0,119	0,304
CHR5	17349553	CHR5:17349553	SSF x Near_LoA	-9,06612056	0,103	0,290
CHR5	17349568	CHR5:17349568	SSF x Near_LoA	-1,45082985	0,066	0,323
CHR5	17349602	CHR5:17349602	SSF x Near_LoA	-8,74423965	0,028	0,303
CHR5	17349615	CHR5:17349615	SSF x Near_LoA	-6,03320398	0,152	0,310
CHR5	17349637	CHR5:17349637	SSF x Near_LoA	-8,62312145	-0,065	0,302
CHR5	17349648	CHR5:17349648	SSF x Near_LoA	-8,23320124	-0,030	0,296
CHR5	17349664	CHR5:17349664	SSF x Near_LoA	-11,0885157	0,056	0,308
CHR5	17349693	CHR5:17349693	SSF x Near_LoA	-8,30056619	0,077	0,311
CHR5	1734983	CHR5:1734983	SSF x Near_LoA	-9,01784151	0,000	0,315
CHR5	1735028	CHR5:1735028	SSF x Near_LoA	-11,2932232	-0,062	0,311
CHR5	1736609	CHR5:1736609	SSF x Near_LoA	-9,03409326	-0,033	0,308
CHR5	17366170	CHR5:17366170	SSF x Near_LoA	-7,96579379	-0,141	0,301
CHR5	1736619	CHR5:1736619	SSF x Near_LoA	-5,55338063	-0,121	0,308
CHR5	17366344	CHR5:17366344	SSF x Near_LoA	-4,8493958	-0,215	0,284
CHR5	1736659	CHR5:1736659	SSF x Near_LoA	-7,45520578	0,107	0,319
CHR5	1736709	CHR5:1736709	SSF x Near_LoA	-9,24572032	0,155	0,306
CHR5	1736763	CHR5:1736763	SSF x Near_LoA	-10,894609	0,024	0,313
CHR5	17367857	CHR5:17367857	SSF x Near_LoA	0,32720113	0,133	0,307
CHR5	17367875	CHR5:17367875	SSF x Near_LoA	-9,79889615	-0,035	0,302
CHR5	17367888	CHR5:17367888	SSF x Near_LoA	-9,5519504	0,032	0,313
CHR5	17367937	CHR5:17367937	SSF x Near_LoA	-7,8069089	0,091	0,300
CHR5	17368004	CHR5:17368004	SSF x Near_LoA	-9,23344864	0,014	0,314
CHR5	17373468	CHR5:17373468	SSF x Near_LoA	-11,6543648	0,044	0,305
CHR5	17373488	CHR5:17373488	SSF x Near_LoA	-10,7782776	-0,021	0,302
CHR5	17373543	CHR5:17373543	SSF x Near_LoA	-10,8912045	-0,081	0,322
CHR5	17373545	CHR5:17373545	SSF x Near_LoA	-9,25774293	-0,117	0,312
CHR5	17374941	CHR5:17374941	SSF x Near_LoA	-10,6731173	0,018	0,299
CHR5	17374999	CHR5:17374999	SSF x Near_LoA	-10,6505281	0,053	0,305
CHR5	17375766	CHR5:17375766	SSF x Near_LoA	-9,23463579	0,074	0,303
CHR5	17375839	CHR5:17375839	SSF x Near_LoA	-2,79742635	-0,120	0,307
CHR5	17375849	CHR5:17375849	SSF x Near_LoA	-10,9154745	0,084	0,309
CHR5	17375861	CHR5:17375861	SSF x Near_LoA	-8,37473077	0,093	0,308
CHR5	17385393	CHR5:17385393	SSF x Near_LoA	-9,28915815	-0,010	0,309
CHR5	17385464	CHR5:17385464	SSF x Near_LoA	-7,7658686	0,017	0,310
CHR5	17385491	CHR5:17385491	SSF x Near_LoA	-10,9736637	-0,055	0,306
CHR5	17387274	CHR5:17387274	SSF x Near_LoA	-7,6879775	0,068	0,308
CHR5	17394258	CHR5:17394258	SSF x Near_LoA	-4,42167463	-0,041	0,305
CHR5	17394282	CHR5:17394282	SSF x Near_LoA	-9,15346059	-0,050	0,302
CHR5	17394351	CHR5:17394351	SSF x Near_LoA	-9,01471045	-0,005	0,313
CHR5	17394370	CHR5:17394370	SSF x Near_LoA	-7,10791494	0,058	0,311
CHR5	17394375	CHR5:17394375	SSF x Near_LoA	-10,8660227	0,060	0,304
CHR5	17394381	CHR5:17394381	SSF x Near_LoA	-11,6656327	0,047	0,309

CHR5	17394392	CHR5:17394392	SSF x Near_LoA	-11,7145682	0,051	0,313
CHR5	17394396	CHR5:17394396	SSF x Near_LoA	2,91875375	0,205	0,295
CHR5	17397552	CHR5:17397552	SSF x Near_LoA	-12,1925499	-0,012	0,297
CHR5	17397579	CHR5:17397579	SSF x Near_LoA	-7,02352547	-0,145	0,308
CHR5	17398258	CHR5:17398258	SSF x Near_LoA	-10,4220573	-0,118	0,302
CHR5	17398351	CHR5:17398351	SSF x Near_LoA	-10,030048	-0,041	0,311
CHR5	1740864	CHR5:1740864	SSF x Near_LoA	-9,46738922	0,002	0,338
CHR5	1740934	CHR5:1740934	SSF x Near_LoA	-11,9751385	-0,034	0,302
CHR5	1740935	CHR5:1740935	SSF x Near_LoA	-7,37241666	-0,084	0,291
CHR5	1740953	CHR5:1740953	SSF x Near_LoA	-10,8417262	-0,042	0,296
CHR5	1740992	CHR5:1740992	SSF x Near_LoA	15,5017439	0,079	0,322
CHR5	1741001	CHR5:1741001	SSF x Near_LoA	-7,12031766	0,087	0,330
CHR5	1741100	CHR5:1741100	SSF x Near_LoA	-9,90511401	-0,044	0,305
CHR5	1741104	CHR5:1741104	SSF x Near_LoA	-10,1036388	0,014	0,301
CHR5	1741112	CHR5:1741112	SSF x Near_LoA	-9,39060862	-0,046	0,308
CHR5	1741120	CHR5:1741120	SSF x Near_LoA	-5,4213958	0,045	0,301
CHR5	17412463	CHR5:17412463	SSF x Near_LoA	-7,40804262	-0,049	0,303
CHR5	17412476	CHR5:17412476	SSF x Near_LoA	-8,94919025	-0,020	0,293
CHR5	17412511	CHR5:17412511	SSF x Near_LoA	-8,92800301	-0,084	0,297
CHR5	17412532	CHR5:17412532	SSF x Near_LoA	-9,11769892	-0,096	0,307
CHR5	17412534	CHR5:17412534	SSF x Near_LoA	-6,48200865	-0,133	0,307
CHR5	17412538	CHR5:17412538	SSF x Near_LoA	-12,1307421	-0,028	0,302
CHR5	17412539	CHR5:17412539	SSF x Near_LoA	-9,83730818	0,046	0,297
CHR5	17412559	CHR5:17412559	SSF x Near_LoA	-9,89492988	0,029	0,322
CHR5	17421391	CHR5:17421391	SSF x Near_LoA	-12,051312	-0,021	0,295
CHR5	17425780	CHR5:17425780	SSF x Near_LoA	-9,53984694	-0,006	0,316
CHR5	17435138	CHR5:17435138	SSF x Near_LoA	-8,45342664	0,036	0,320
CHR5	17435195	CHR5:17435195	SSF x Near_LoA	-10,2786918	0,055	0,305
CHR5	17435294	CHR5:17435294	SSF x Near_LoA	-9,64877578	-0,077	0,317
CHR5	17440479	CHR5:17440479	SSF x Near_LoA	-11,0508054	-0,028	0,315
CHR5	17440667	CHR5:17440667	SSF x Near_LoA	-11,1494259	0,022	0,309
CHR5	17454573	CHR5:17454573	SSF x Near_LoA	-7,18520107	-0,002	0,296
CHR5	17467738	CHR5:17467738	SSF x Near_LoA	-8,16634203	-0,098	0,309
CHR5	17467761	CHR5:17467761	SSF x Near_LoA	-9,43746554	-0,015	0,324
CHR5	17478628	CHR5:17478628	SSF x Near_LoA	-10,9261729	-0,006	0,297
CHR5	17490597	CHR5:17490597	SSF x Near_LoA	-8,29042938	0,114	0,310
CHR5	17490761	CHR5:17490761	SSF x Near_LoA	-3,28663709	-0,196	0,281
CHR5	17492972	CHR5:17492972	SSF x Near_LoA	-5,69222491	0,127	0,309
CHR5	17493042	CHR5:17493042	SSF x Near_LoA	-2,01371996	0,150	0,287
CHR5	17498787	CHR5:17498787	SSF x Near_LoA	-8,98941132	-0,098	0,309
CHR5	17498838	CHR5:17498838	SSF x Near_LoA	-8,70012704	0,011	0,312
CHR5	17504787	CHR5:17504787	SSF x Near_LoA	-7,5057604	0,025	0,300
CHR5	17505050	CHR5:17505050	SSF x Near_LoA	-9,7616299	-0,026	0,309
CHR5	17514407	CHR5:17514407	SSF x Near_LoA	-9,11943563	0,082	0,291
CHR5	17514492	CHR5:17514492	SSF x Near_LoA	-9,47597998	0,042	0,322
CHR5	17514516	CHR5:17514516	SSF x Near_LoA	-8,47432071	0,043	0,302
CHR5	17524825	CHR5:17524825	SSF x Near_LoA	-9,57282253	0,010	0,318
CHR5	17524828	CHR5:17524828	SSF x Near_LoA	-10,5655761	-0,011	0,302
CHR5	17524870	CHR5:17524870	SSF x Near_LoA	-9,49680963	0,041	0,303
CHR5	17524895	CHR5:17524895	SSF x Near_LoA	-9,67134605	0,048	0,307
CHR5	17524929	CHR5:17524929	SSF x Near_LoA	-8,63052075	0,029	0,307
CHR5	17524965	CHR5:17524965	SSF x Near_LoA	-10,5576545	-0,033	0,297
CHR5	17528341	CHR5:17528341	SSF x Near_LoA	-8,70317031	-0,068	0,298

CHR5	17528342	CHR5:17528342	SSF x Near_LoA	-8,86897111	-0,074	0,295
CHR5	17528347	CHR5:17528347	SSF x Near_LoA	-9,26479937	-0,028	0,307
CHR5	17528412	CHR5:17528412	SSF x Near_LoA	-8,01516469	-0,115	0,313
CHR5	17528419	CHR5:17528419	SSF x Near_LoA	-11,2704857	-0,053	0,320
CHR5	17529134	CHR5:17529134	SSF x Near_LoA	-7,28488737	0,077	0,309
CHR5	17542933	CHR5:17542933	SSF x Near_LoA	-9,19417379	0,014	0,298
CHR5	17543001	CHR5:17543001	SSF x Near_LoA	-9,81089158	-0,051	0,295
CHR5	17543035	CHR5:17543035	SSF x Near_LoA	-7,90102964	-0,077	0,315
CHR5	17543042	CHR5:17543042	SSF x Near_LoA	-9,20134232	0,112	0,303
CHR5	17543045	CHR5:17543045	SSF x Near_LoA	-10,8135986	0,036	0,295
CHR5	17543180	CHR5:17543180	SSF x Near_LoA	-11,0742005	-0,056	0,315
CHR5	17554748	CHR5:17554748	SSF x Near_LoA	-12,0507568	0,010	0,299
CHR5	17554878	CHR5:17554878	SSF x Near_LoA	-8,79552759	0,018	0,316
CHR5	17554925	CHR5:17554925	SSF x Near_LoA	-8,73986637	-0,024	0,310
CHR5	17554929	CHR5:17554929	SSF x Near_LoA	-7,39231219	0,111	0,292
CHR5	17561516	CHR5:17561516	SSF x Near_LoA	-3,78913461	-0,043	0,309
CHR5	17561518	CHR5:17561518	SSF x Near_LoA	-8,05636356	0,054	0,319
CHR5	17561546	CHR5:17561546	SSF x Near_LoA	-10,308011	0,108	0,309
CHR5	17561599	CHR5:17561599	SSF x Near_LoA	-8,09397752	0,073	0,312
CHR5	17561676	CHR5:17561676	SSF x Near_LoA	-11,0077527	-0,033	0,306
CHR5	17564269	CHR5:17564269	SSF x Near_LoA	-9,92839815	0,008	0,314
CHR5	17564397	CHR5:17564397	SSF x Near_LoA	-9,94779005	0,037	0,301
CHR5	17564433	CHR5:17564433	SSF x Near_LoA	-8,95642081	-0,046	0,311
CHR5	1756749	CHR5:1756749	SSF x Near_LoA	-7,54427203	0,045	0,306
CHR5	1756785	CHR5:1756785	SSF x Near_LoA	-7,70151748	0,132	0,298
CHR5	1756786	CHR5:1756786	SSF x Near_LoA	-9,23306583	0,025	0,318
CHR5	1756840	CHR5:1756840	SSF x Near_LoA	-9,82072957	0,064	0,310
CHR5	1756893	CHR5:1756893	SSF x Near_LoA	-2,71141702	0,182	0,301
CHR5	17569033	CHR5:17569033	SSF x Near_LoA	-11,7145694	-0,006	0,304
CHR5	17569062	CHR5:17569062	SSF x Near_LoA	-9,431937	-0,042	0,314
CHR5	17569092	CHR5:17569092	SSF x Near_LoA	-8,06306009	0,011	0,293
CHR5	17569099	CHR5:17569099	SSF x Near_LoA	-9,43523662	0,143	0,294
CHR5	17569118	CHR5:17569118	SSF x Near_LoA	-10,498181	-0,051	0,315
CHR5	17569131	CHR5:17569131	SSF x Near_LoA	-9,73545779	-0,038	0,309
CHR5	17569148	CHR5:17569148	SSF x Near_LoA	-10,0432089	-0,063	0,304
CHR5	17569151	CHR5:17569151	SSF x Near_LoA	-11,1995081	-0,021	0,304
CHR5	17578663	CHR5:17578663	SSF x Near_LoA	-10,6015568	0,022	0,310
CHR5	17578690	CHR5:17578690	SSF x Near_LoA	-6,44639274	-0,113	0,298
CHR5	17578692	CHR5:17578692	SSF x Near_LoA	-5,74184034	-0,135	0,314
CHR5	17586206	CHR5:17586206	SSF x Near_LoA	-0,32726562	-0,114	0,305
CHR5	17586243	CHR5:17586243	SSF x Near_LoA	-8,05841655	0,075	0,299
CHR5	17586268	CHR5:17586268	SSF x Near_LoA	-8,28361413	0,061	0,301
CHR5	17586270	CHR5:17586270	SSF x Near_LoA	-8,44069629	0,096	0,303
CHR5	17586284	CHR5:17586284	SSF x Near_LoA	-9,74075389	0,035	0,300
CHR5	17586408	CHR5:17586408	SSF x Near_LoA	-9,71141067	0,117	0,307
CHR5	1759106	CHR5:1759106	SSF x Near_LoA	-8,60122438	-0,166	0,297
CHR5	1759127	CHR5:1759127	SSF x Near_LoA	-8,61411452	-0,096	0,317
CHR5	17592600	CHR5:17592600	SSF x Near_LoA	-9,37852002	0,003	0,317
CHR5	17594978	CHR5:17594978	SSF x Near_LoA	-11,2230556	0,039	0,316
CHR5	17594999	CHR5:17594999	SSF x Near_LoA	-7,26661364	-0,050	0,310
CHR5	17595636	CHR5:17595636	SSF x Near_LoA	-10,5830946	0,079	0,307
CHR5	17595654	CHR5:17595654	SSF x Near_LoA	-10,7513715	-0,018	0,313
CHR5	17595732	CHR5:17595732	SSF x Near_LoA	-8,92172399	-0,043	0,310

CHR5	17595737	CHR5:17595737	SSF x Near_LoA	-10,5392242	0,076	0,315
CHR5	17595777	CHR5:17595777	SSF x Near_LoA	-10,0447333	-0,067	0,312
CHR5	17603111	CHR5:17603111	SSF x Near_LoA	-10,7975006	0,052	0,302
CHR5	17603170	CHR5:17603170	SSF x Near_LoA	-9,29602811	0,013	0,309
CHR5	17603289	CHR5:17603289	SSF x Near_LoA	-11,6957227	0,016	0,293
CHR5	17603348	CHR5:17603348	SSF x Near_LoA	-8,76187886	-0,099	0,299
CHR5	17603402	CHR5:17603402	SSF x Near_LoA	-8,9167611	0,057	0,296
CHR5	17603403	CHR5:17603403	SSF x Near_LoA	-8,74130635	0,079	0,296
CHR5	17605221	CHR5:17605221	SSF x Near_LoA	-8,83062016	-0,029	0,301
CHR5	17622029	CHR5:17622029	SSF x Near_LoA	-8,95909888	0,096	0,302
CHR5	17622037	CHR5:17622037	SSF x Near_LoA	-8,88113201	0,130	0,298
CHR5	17622120	CHR5:17622120	SSF x Near_LoA	-8,63416266	0,021	0,314
CHR5	17622150	CHR5:17622150	SSF x Near_LoA	-9,486368	0,003	0,314
CHR5	17622160	CHR5:17622160	SSF x Near_LoA	-9,82043147	0,077	0,294
CHR5	17622165	CHR5:17622165	SSF x Near_LoA	-9,14044943	0,055	0,313
CHR5	17622205	CHR5:17622205	SSF x Near_LoA	-10,0205843	-0,013	0,297
CHR5	17631505	CHR5:17631505	SSF x Near_LoA	-8,72069985	0,033	0,320
CHR5	17631513	CHR5:17631513	SSF x Near_LoA	-9,38630352	-0,120	0,308
CHR5	17631514	CHR5:17631514	SSF x Near_LoA	-8,2654189	0,003	0,302
CHR5	17631543	CHR5:17631543	SSF x Near_LoA	-9,04925321	0,044	0,304
CHR5	17631588	CHR5:17631588	SSF x Near_LoA	-7,2787661	0,095	0,320
CHR5	17631607	CHR5:17631607	SSF x Near_LoA	-9,32157408	-0,052	0,294
CHR5	17650634	CHR5:17650634	SSF x Near_LoA	-9,44686476	0,010	0,309
CHR5	17656114	CHR5:17656114	SSF x Near_LoA	-7,96957974	0,039	0,292
CHR5	17656129	CHR5:17656129	SSF x Near_LoA	-9,82933449	0,006	0,298
CHR5	17656149	CHR5:17656149	SSF x Near_LoA	-9,20432701	-0,075	0,323
CHR5	17667046	CHR5:17667046	SSF x Near_LoA	-9,56037708	0,021	0,317
CHR5	17667156	CHR5:17667156	SSF x Near_LoA	-10,3238533	-0,022	0,305
CHR5	17667160	CHR5:17667160	SSF x Near_LoA	-5,41294843	0,178	0,295
CHR5	17667221	CHR5:17667221	SSF x Near_LoA	-7,74625015	0,047	0,290
CHR5	17667268	CHR5:17667268	SSF x Near_LoA	-7,06762624	0,027	0,303
CHR5	17667276	CHR5:17667276	SSF x Near_LoA	-8,84530412	0,159	0,299
CHR5	17683130	CHR5:17683130	SSF x Near_LoA	-6,25361929	0,112	0,314
CHR5	17683131	CHR5:17683131	SSF x Near_LoA	-8,48768313	-0,053	0,302
CHR5	17683160	CHR5:17683160	SSF x Near_LoA	-10,5745319	-0,017	0,300
CHR5	17683224	CHR5:17683224	SSF x Near_LoA	-7,77530878	-0,018	0,314
CHR5	17683247	CHR5:17683247	SSF x Near_LoA	-8,23358888	0,005	0,307
CHR5	1768449	CHR5:1768449	SSF x Near_LoA	-10,5986281	-0,008	0,320
CHR5	1768528	CHR5:1768528	SSF x Near_LoA	-9,11281686	0,026	0,306
CHR5	17685517	CHR5:17685517	SSF x Near_LoA	-6,64705988	-0,152	0,296
CHR5	17685645	CHR5:17685645	SSF x Near_LoA	-8,55668833	0,152	0,293
CHR5	17688726	CHR5:17688726	SSF x Near_LoA	-2,56914668	0,256	0,277
CHR5	17689648	CHR5:17689648	SSF x Near_LoA	-11,8101092	-0,001	0,316
CHR5	17704292	CHR5:17704292	SSF x Near_LoA	-10,0684331	0,028	0,301
CHR5	17704326	CHR5:17704326	SSF x Near_LoA	-6,58982555	0,171	0,308
CHR5	17704386	CHR5:17704386	SSF x Near_LoA	-4,32690204	0,163	0,307
CHR5	17704435	CHR5:17704435	SSF x Near_LoA	-8,01688093	-0,166	0,295
CHR5	17704507	CHR5:17704507	SSF x Near_LoA	-5,08187441	0,169	0,305
CHR5	17704511	CHR5:17704511	SSF x Near_LoA	-6,69439457	-0,182	0,306
CHR5	17708827	CHR5:17708827	SSF x Near_LoA	-9,41575628	0,035	0,302
CHR5	17708829	CHR5:17708829	SSF x Near_LoA	-9,37505793	-0,029	0,309
CHR5	17709808	CHR5:17709808	SSF x Near_LoA	-8,44365031	-0,067	0,307
CHR5	17709812	CHR5:17709812	SSF x Near_LoA	-9,7667313	-0,043	0,316

CHR5	17710419	CHR5:17710419	SSF x Near_LoA	-10,3854819	0,051	0,301
CHR5	17710469	CHR5:17710469	SSF x Near_LoA	-8,47518291	0,039	0,290
CHR5	17710489	CHR5:17710489	SSF x Near_LoA	-8,08464833	0,115	0,306
CHR5	17710502	CHR5:17710502	SSF x Near_LoA	-9,49948143	-0,014	0,303
CHR5	17713474	CHR5:17713474	SSF x Near_LoA	-8,82519602	0,030	0,293
CHR5	17713551	CHR5:17713551	SSF x Near_LoA	-10,8479497	0,054	0,304
CHR5	17715297	CHR5:17715297	SSF x Near_LoA	-8,30342637	-0,015	0,295
CHR5	17717086	CHR5:17717086	SSF x Near_LoA	-7,2895234	0,053	0,316
CHR5	17718867	CHR5:17718867	SSF x Near_LoA	-9,76242845	0,057	0,308
CHR5	1771942	CHR5:1771942	SSF x Near_LoA	-8,78611692	-0,010	0,308
CHR5	17720731	CHR5:17720731	SSF x Near_LoA	-9,3794777	-0,024	0,305
CHR5	17720870	CHR5:17720870	SSF x Near_LoA	-8,53194264	-0,014	0,319
CHR5	17723610	CHR5:17723610	SSF x Near_LoA	-10,0107632	0,059	0,305
CHR5	17727797	CHR5:17727797	SSF x Near_LoA	-9,57103156	-0,108	0,298
CHR5	17727877	CHR5:17727877	SSF x Near_LoA	-8,87756572	0,100	0,308
CHR5	17727908	CHR5:17727908	SSF x Near_LoA	-0,31323583	-0,138	0,306
CHR5	17727912	CHR5:17727912	SSF x Near_LoA	-8,79877912	0,136	0,298
CHR5	17727917	CHR5:17727917	SSF x Near_LoA	-6,66136756	0,117	0,300
CHR5	17735356	CHR5:17735356	SSF x Near_LoA	-10,1738453	-0,039	0,322
CHR5	17735388	CHR5:17735388	SSF x Near_LoA	-10,1704287	-0,051	0,319
CHR5	17735398	CHR5:17735398	SSF x Near_LoA	-9,54260254	0,025	0,309
CHR5	17736287	CHR5:17736287	SSF x Near_LoA	-8,21260868	-0,036	0,321
CHR5	17736313	CHR5:17736313	SSF x Near_LoA	-7,65377068	0,015	0,322
CHR5	17738871	CHR5:17738871	SSF x Near_LoA	-8,44809247	-0,124	0,298
CHR5	17738872	CHR5:17738872	SSF x Near_LoA	-7,30828354	-0,140	0,299
CHR5	17742504	CHR5:17742504	SSF x Near_LoA	-9,12740621	-0,055	0,313
CHR5	17742510	CHR5:17742510	SSF x Near_LoA	-7,35648338	-0,109	0,312
CHR5	17742511	CHR5:17742511	SSF x Near_LoA	-9,31584536	0,022	0,297
CHR5	17742532	CHR5:17742532	SSF x Near_LoA	-11,1627032	0,016	0,298
CHR5	17742665	CHR5:17742665	SSF x Near_LoA	-9,06685677	0,092	0,293
CHR5	17742719	CHR5:17742719	SSF x Near_LoA	-6,55766282	-0,142	0,302
CHR5	1774582	CHR5:1774582	SSF x Near_LoA	-8,35590182	0,022	0,294
CHR5	17753670	CHR5:17753670	SSF x Near_LoA	-1,6196638	-0,193	0,298
CHR5	17760376	CHR5:17760376	SSF x Near_LoA	-12,5164691	0,041	0,295
CHR5	17760419	CHR5:17760419	SSF x Near_LoA	-9,57439778	0,010	0,308
CHR5	17760584	CHR5:17760584	SSF x Near_LoA	-8,62491428	0,042	0,306
CHR5	17764478	CHR5:17764478	SSF x Near_LoA	-8,67352018	0,043	0,321
CHR5	17764559	CHR5:17764559	SSF x Near_LoA	-10,8057195	0,073	0,308
CHR5	17764597	CHR5:17764597	SSF x Near_LoA	-10,7921429	-0,046	0,315
CHR5	17764605	CHR5:17764605	SSF x Near_LoA	-11,4977712	0,039	0,295
CHR5	17764642	CHR5:17764642	SSF x Near_LoA	-7,8328718	0,021	0,313
CHR5	17764649	CHR5:17764649	SSF x Near_LoA	-10,3838136	-0,073	0,316
CHR5	17772316	CHR5:17772316	SSF x Near_LoA	-10,4341029	-0,021	0,310
CHR5	17772351	CHR5:17772351	SSF x Near_LoA	-10,6637826	-0,066	0,307
CHR5	17772364	CHR5:17772364	SSF x Near_LoA	-10,1805538	-0,089	0,318
CHR5	17772387	CHR5:17772387	SSF x Near_LoA	-8,03823232	-0,067	0,325
CHR5	17772400	CHR5:17772400	SSF x Near_LoA	-9,36299703	-0,077	0,307
CHR5	17772405	CHR5:17772405	SSF x Near_LoA	-9,13948343	-0,043	0,321
CHR5	17772412	CHR5:17772412	SSF x Near_LoA	-8,40548381	-0,050	0,306
CHR5	17772418	CHR5:17772418	SSF x Near_LoA	-7,98738689	-0,086	0,303
CHR5	17772435	CHR5:17772435	SSF x Near_LoA	-8,5050102	0,131	0,301
CHR5	17772446	CHR5:17772446	SSF x Near_LoA	-6,96101624	-0,133	0,297
CHR5	17772458	CHR5:17772458	SSF x Near_LoA	6,22072944	-0,069	0,305

CHR5	17772478	CHR5:17772478	SSF x Near_LoA	-7,98091058	-0,083	0,316
CHR5	17772481	CHR5:17772481	SSF x Near_LoA	-9,78381665	0,007	0,301
CHR5	17772488	CHR5:17772488	SSF x Near_LoA	-8,86814703	0,102	0,313
CHR5	17772541	CHR5:17772541	SSF x Near_LoA	-7,94938502	-0,122	0,307
CHR5	17772543	CHR5:17772543	SSF x Near_LoA	-7,6230636	-0,122	0,304
CHR5	17777413	CHR5:17777413	SSF x Near_LoA	-8,62007143	-0,038	0,315
CHR5	17777745	CHR5:17777745	SSF x Near_LoA	-3,52333638	0,122	0,302
CHR5	1777823	CHR5:1777823	SSF x Near_LoA	-11,0439189	-0,089	0,310
CHR5	17779481	CHR5:17779481	SSF x Near_LoA	-8,56306609	-0,067	0,296
CHR5	1777956	CHR5:1777956	SSF x Near_LoA	-8,37035322	-0,001	0,327
CHR5	17784849	CHR5:17784849	SSF x Near_LoA	-10,8841482	0,061	0,317
CHR5	17788554	CHR5:17788554	SSF x Near_LoA	-9,73038313	-0,052	0,301
CHR5	17788573	CHR5:17788573	SSF x Near_LoA	-9,42958196	-0,001	0,307
CHR5	17804501	CHR5:17804501	SSF x Near_LoA	-9,16065373	-0,085	0,311
CHR5	17804505	CHR5:17804505	SSF x Near_LoA	-9,97511986	0,054	0,302
CHR5	17804541	CHR5:17804541	SSF x Near_LoA	-9,9380126	-0,071	0,313
CHR5	17804662	CHR5:17804662	SSF x Near_LoA	-9,6600029	0,007	0,312
CHR5	17804698	CHR5:17804698	SSF x Near_LoA	-9,9371766	0,073	0,295
CHR5	17814133	CHR5:17814133	SSF x Near_LoA	-9,62121654	-0,033	0,296
CHR5	17832768	CHR5:17832768	SSF x Near_LoA	-8,98157151	-0,094	0,308
CHR5	17832878	CHR5:17832878	SSF x Near_LoA	-10,2928479	-0,033	0,292
CHR5	17832923	CHR5:17832923	SSF x Near_LoA	-11,2915239	0,034	0,298
CHR5	17834552	CHR5:17834552	SSF x Near_LoA	-11,8671087	-0,054	0,301
CHR5	17834622	CHR5:17834622	SSF x Near_LoA	-7,62113253	0,046	0,314
CHR5	17834643	CHR5:17834643	SSF x Near_LoA	-8,7203984	0,056	0,319
CHR5	17834650	CHR5:17834650	SSF x Near_LoA	-10,5547992	-0,041	0,313
CHR5	17834655	CHR5:17834655	SSF x Near_LoA	-8,3298917	0,074	0,331
CHR5	17834716	CHR5:17834716	SSF x Near_LoA	-8,86721131	-0,067	0,315
CHR5	17834727	CHR5:17834727	SSF x Near_LoA	-8,42441224	-0,062	0,309
CHR5	17841561	CHR5:17841561	SSF x Near_LoA	-10,6285466	0,047	0,311
CHR5	17841705	CHR5:17841705	SSF x Near_LoA	-9,18968796	-0,027	0,311
CHR5	17841774	CHR5:17841774	SSF x Near_LoA	-11,5841223	0,092	0,304
CHR5	17841775	CHR5:17841775	SSF x Near_LoA	-9,04629604	0,051	0,296
CHR5	17847658	CHR5:17847658	SSF x Near_LoA	-9,49572112	-0,028	0,313
CHR5	17850594	CHR5:17850594	SSF x Near_LoA	-7,05533911	-0,087	0,309
CHR5	17850598	CHR5:17850598	SSF x Near_LoA	-8,78580871	-0,067	0,311
CHR5	17850617	CHR5:17850617	SSF x Near_LoA	-6,83446862	-0,119	0,305
CHR5	1785499	CHR5:1785499	SSF x Near_LoA	-11,7247842	0,016	0,308
CHR5	17865296	CHR5:17865296	SSF x Near_LoA	-10,8418127	0,003	0,304
CHR5	17865304	CHR5:17865304	SSF x Near_LoA	7,52258784	0,019	0,321
CHR5	17865314	CHR5:17865314	SSF x Near_LoA	-7,68039354	0,008	0,309
CHR5	17865419	CHR5:17865419	SSF x Near_LoA	-7,71300887	0,065	0,312
CHR5	17876807	CHR5:17876807	SSF x Near_LoA	-10,5846144	-0,007	0,310
CHR5	17876937	CHR5:17876937	SSF x Near_LoA	-10,3461653	-0,068	0,317
CHR5	17879814	CHR5:17879814	SSF x Near_LoA	-9,81683692	-0,013	0,314
CHR5	17879818	CHR5:17879818	SSF x Near_LoA	-9,4473655	-0,075	0,304
CHR5	17884844	CHR5:17884844	SSF x Near_LoA	-10,3008099	-0,030	0,315
CHR5	17902633	CHR5:17902633	SSF x Near_LoA	-5,89601154	-0,012	0,317
CHR5	17902707	CHR5:17902707	SSF x Near_LoA	-7,9843859	-0,008	0,321
CHR5	17912816	CHR5:17912816	SSF x Near_LoA	-6,99903294	0,015	0,317
CHR5	17912855	CHR5:17912855	SSF x Near_LoA	-6,34734027	0,067	0,302
CHR5	17912947	CHR5:17912947	SSF x Near_LoA	-10,9724553	-0,019	0,307
CHR5	17913007	CHR5:17913007	SSF x Near_LoA	-9,1183038	0,106	0,299

CHR5	17914366	CHR5:17914366	SSF x Near_LoA	-10,4763089	-0,061	0,312
CHR5	17915611	CHR5:17915611	SSF x Near_LoA	-8,85795444	-0,020	0,310
CHR5	17915662	CHR5:17915662	SSF x Near_LoA	-10,9925131	-0,089	0,303
CHR5	17915663	CHR5:17915663	SSF x Near_LoA	-4,65973779	-0,079	0,313
CHR5	17915666	CHR5:17915666	SSF x Near_LoA	-6,83794821	-0,160	0,296
CHR5	17919383	CHR5:17919383	SSF x Near_LoA	-10,4344849	0,055	0,304
CHR5	17927110	CHR5:17927110	SSF x Near_LoA	-9,02880064	0,126	0,300
CHR5	17930311	CHR5:17930311	SSF x Near_LoA	-10,6599405	0,118	0,292
CHR5	17930429	CHR5:17930429	SSF x Near_LoA	-8,52745713	0,036	0,302
CHR5	17930491	CHR5:17930491	SSF x Near_LoA	-10,0204006	0,008	0,318
CHR5	17941672	CHR5:17941672	SSF x Near_LoA	-8,82174957	0,143	0,298
CHR5	17941729	CHR5:17941729	SSF x Near_LoA	-9,89631699	0,115	0,318
CHR5	17942006	CHR5:17942006	SSF x Near_LoA	-8,12491693	0,118	0,310
CHR5	17959049	CHR5:17959049	SSF x Near_LoA	-7,13021872	-0,004	0,317
CHR5	17959191	CHR5:17959191	SSF x Near_LoA	-8,81914422	-0,103	0,309
CHR5	17965561	CHR5:17965561	SSF x Near_LoA	-9,70441361	0,075	0,306
CHR5	17965568	CHR5:17965568	SSF x Near_LoA	-9,2210961	0,043	0,311
CHR5	17965581	CHR5:17965581	SSF x Near_LoA	-10,8776327	0,032	0,310
CHR5	17965614	CHR5:17965614	SSF x Near_LoA	-10,1829374	0,032	0,328
CHR5	17965626	CHR5:17965626	SSF x Near_LoA	-0,88306465	0,070	0,305
CHR5	17965647	CHR5:17965647	SSF x Near_LoA	-10,4282936	0,007	0,318
CHR5	17965669	CHR5:17965669	SSF x Near_LoA	-9,57058371	0,026	0,306
CHR5	17965705	CHR5:17965705	SSF x Near_LoA	-9,11517336	0,133	0,298
CHR5	17968397	CHR5:17968397	SSF x Near_LoA	-5,61875402	-0,019	0,314
CHR5	17968430	CHR5:17968430	SSF x Near_LoA	-8,91509978	-0,098	0,296
CHR5	17968467	CHR5:17968467	SSF x Near_LoA	-9,79612142	-0,037	0,310
CHR5	17974024	CHR5:17974024	SSF x Near_LoA	-8,96832245	-0,067	0,312
CHR5	17974185	CHR5:17974185	SSF x Near_LoA	-9,02949279	0,115	0,311
CHR5	17974315	CHR5:17974315	SSF x Near_LoA	-6,66411591	0,102	0,276
CHR5	17980477	CHR5:17980477	SSF x Near_LoA	-9,88852695	-0,024	0,306
CHR5	17980516	CHR5:17980516	SSF x Near_LoA	-8,6830154	0,105	0,311
CHR5	17981723	CHR5:17981723	SSF x Near_LoA	-9,27946763	-0,024	0,301
CHR5	17981754	CHR5:17981754	SSF x Near_LoA	-4,73837102	-0,021	0,301
CHR5	17981804	CHR5:17981804	SSF x Near_LoA	-10,7414615	0,054	0,299
CHR5	17983278	CHR5:17983278	SSF x Near_LoA	-9,16788702	-0,073	0,309
CHR5	17983279	CHR5:17983279	SSF x Near_LoA	-10,06385	-0,035	0,301
CHR5	17991855	CHR5:17991855	SSF x Near_LoA	-10,7558704	0,020	0,323
CHR5	17992015	CHR5:17992015	SSF x Near_LoA	-9,47344437	-0,051	0,301
CHR5	17999115	CHR5:17999115	SSF x Near_LoA	-8,74748467	-0,057	0,311
CHR5	17999121	CHR5:17999121	SSF x Near_LoA	-7,87545307	-0,081	0,302
CHR5	17999189	CHR5:17999189	SSF x Near_LoA	-8,27029279	0,044	0,323
CHR5	17999202	CHR5:17999202	SSF x Near_LoA	-10,8900716	-0,048	0,316
CHR5	18001100	CHR5:18001100	SSF x Near_LoA	-9,8490315	-0,130	0,309
CHR5	18001160	CHR5:18001160	SSF x Near_LoA	-10,4145473	0,067	0,300
CHR5	18001161	CHR5:18001161	SSF x Near_LoA	-10,5093707	0,068	0,302
CHR5	18017862	CHR5:18017862	SSF x Near_LoA	-8,66282538	-0,131	0,299
CHR5	18022618	CHR5:18022618	SSF x Near_LoA	-8,64568886	-0,063	0,290
CHR5	18022662	CHR5:18022662	SSF x Near_LoA	-10,4572352	0,049	0,305
CHR5	18022718	CHR5:18022718	SSF x Near_LoA	-11,9370524	0,038	0,298
CHR5	18023379	CHR5:18023379	SSF x Near_LoA	-10,1958594	-0,064	0,309
CHR5	18023453	CHR5:18023453	SSF x Near_LoA	-11,8792222	0,049	0,303
CHR5	18023488	CHR5:18023488	SSF x Near_LoA	-6,86412886	0,148	0,296
CHR5	18024286	CHR5:18024286	SSF x Near_LoA	-7,56296586	-0,044	0,320

CHR5	18024502	CHR5:18024502	SSF x Near_LoA	-9,56674193	0,086	0,292
CHR5	18024525	CHR5:18024525	SSF x Near_LoA	-11,5819986	-0,034	0,305
CHR5	18034690	CHR5:18034690	SSF x Near_LoA	-7,4861286	0,028	0,303
CHR5	18034719	CHR5:18034719	SSF x Near_LoA	-8,81064631	-0,013	0,293
CHR5	18034777	CHR5:18034777	SSF x Near_LoA	-7,5972907	0,099	0,318
CHR5	18034811	CHR5:18034811	SSF x Near_LoA	-8,59452705	0,010	0,312
CHR5	18043633	CHR5:18043633	SSF x Near_LoA	-8,60604583	-0,082	0,297
CHR5	18043682	CHR5:18043682	SSF x Near_LoA	-7,80738309	0,126	0,299
CHR5	18043744	CHR5:18043744	SSF x Near_LoA	-10,9465088	-0,081	0,298
CHR5	18043777	CHR5:18043777	SSF x Near_LoA	-5,43958617	0,124	0,303
CHR5	1805376	CHR5:1805376	SSF x Near_LoA	-12,063367	0,012	0,322
CHR5	18058610	CHR5:18058610	SSF x Near_LoA	-10,3442244	-0,010	0,319
CHR5	18068472	CHR5:18068472	SSF x Near_LoA	-8,6304098	0,133	0,308
CHR5	18068513	CHR5:18068513	SSF x Near_LoA	-10,0971658	0,078	0,294
CHR5	18068696	CHR5:18068696	SSF x Near_LoA	-10,1178226	0,012	0,306
CHR5	18074301	CHR5:18074301	SSF x Near_LoA	-8,7210747	0,098	0,307
CHR5	18075679	CHR5:18075679	SSF x Near_LoA	-5,23428665	0,018	0,315
CHR5	18075725	CHR5:18075725	SSF x Near_LoA	-7,47780169	0,033	0,297
CHR5	18075770	CHR5:18075770	SSF x Near_LoA	-9,53727878	0,041	0,302
CHR5	18075895	CHR5:18075895	SSF x Near_LoA	-7,53411081	0,064	0,305
CHR5	18083249	CHR5:18083249	SSF x Near_LoA	-5,70889787	0,098	0,295
CHR5	18097340	CHR5:18097340	SSF x Near_LoA	-10,0165207	0,013	0,318
CHR5	18105768	CHR5:18105768	SSF x Near_LoA	-10,6315399	0,014	0,310
CHR5	18105822	CHR5:18105822	SSF x Near_LoA	-9,96916283	-0,032	0,308
CHR5	18105862	CHR5:18105862	SSF x Near_LoA	-8,42206859	0,006	0,317
CHR5	18105926	CHR5:18105926	SSF x Near_LoA	-0,48786867	0,008	0,307
CHR5	18120008	CHR5:18120008	SSF x Near_LoA	-11,8507138	-0,024	0,294
CHR5	18128493	CHR5:18128493	SSF x Near_LoA	-9,48377561	-0,023	0,306
CHR5	18128530	CHR5:18128530	SSF x Near_LoA	-8,66853073	-0,119	0,305
CHR5	18128554	CHR5:18128554	SSF x Near_LoA	-9,46175646	0,007	0,307
CHR5	18128651	CHR5:18128651	SSF x Near_LoA	-10,00372	0,054	0,297
CHR5	18138558	CHR5:18138558	SSF x Near_LoA	-8,96450586	-0,024	0,305
CHR5	18150270	CHR5:18150270	SSF x Near_LoA	-7,61887794	0,004	0,310
CHR5	18150361	CHR5:18150361	SSF x Near_LoA	-8,69525741	-0,048	0,284
CHR5	18161984	CHR5:18161984	SSF x Near_LoA	-11,5595913	0,011	0,307
CHR5	18162091	CHR5:18162091	SSF x Near_LoA	-6,05860865	0,216	0,293
CHR5	18162093	CHR5:18162093	SSF x Near_LoA	-6,62223977	0,168	0,302
CHR5	18162102	CHR5:18162102	SSF x Near_LoA	-7,78224875	0,189	0,285
CHR5	18162127	CHR5:18162127	SSF x Near_LoA	-9,49623273	-0,004	0,307
CHR5	18162141	CHR5:18162141	SSF x Near_LoA	-3,27518708	0,192	0,301
CHR5	18162213	CHR5:18162213	SSF x Near_LoA	-8,91150492	0,082	0,308
CHR5	18162234	CHR5:18162234	SSF x Near_LoA	-9,70665724	0,075	0,307
CHR5	18162238	CHR5:18162238	SSF x Near_LoA	-7,00026105	0,138	0,298
CHR5	18162252	CHR5:18162252	SSF x Near_LoA	-8,35562199	-0,077	0,292
CHR5	18187887	CHR5:18187887	SSF x Near_LoA	-5,8350504	0,115	0,311
CHR5	18190912	CHR5:18190912	SSF x Near_LoA	-8,57042715	-0,051	0,312
CHR5	18190924	CHR5:18190924	SSF x Near_LoA	-9,69522769	0,072	0,314
CHR5	18190959	CHR5:18190959	SSF x Near_LoA	-11,3612708	-0,058	0,310
CHR5	18191037	CHR5:18191037	SSF x Near_LoA	-8,99422135	-0,013	0,302
CHR5	18193285	CHR5:18193285	SSF x Near_LoA	-10,3385503	-0,112	0,314
CHR5	18193309	CHR5:18193309	SSF x Near_LoA	-7,57126004	0,082	0,307
CHR5	18200356	CHR5:18200356	SSF x Near_LoA	-2,94310105	0,036	0,287
CHR5	18202735	CHR5:18202735	SSF x Near_LoA	-8,17133893	-0,064	0,309

CHR5	18202797	CHR5:18202797	SSF x Near_LoA	-10,8802362	0,102	0,308
CHR5	18204206	CHR5:18204206	SSF x Near_LoA	-9,82026763	-0,076	0,315
CHR5	18204437	CHR5:18204437	SSF x Near_LoA	-3,39038957	-0,216	0,294
CHR5	18215577	CHR5:18215577	SSF x Near_LoA	-11,5798771	0,007	0,311
CHR5	18217987	CHR5:18217987	SSF x Near_LoA	-10,6000224	-0,047	0,305
CHR5	18218100	CHR5:18218100	SSF x Near_LoA	-7,84426271	0,111	0,308
CHR5	18218113	CHR5:18218113	SSF x Near_LoA	-4,37800607	0,137	0,299
CHR5	18218115	CHR5:18218115	SSF x Near_LoA	-9,61035067	0,172	0,285
CHR5	18218121	CHR5:18218121	SSF x Near_LoA	-9,71184669	0,173	0,290
CHR5	18218161	CHR5:18218161	SSF x Near_LoA	-5,55248733	0,128	0,302
CHR5	18222208	CHR5:18222208	SSF x Near_LoA	-9,43365478	0,011	0,311
CHR5	18222244	CHR5:18222244	SSF x Near_LoA	-9,48851617	0,071	0,311
CHR5	18228185	CHR5:18228185	SSF x Near_LoA	-8,99430497	-0,007	0,311
CHR5	18228255	CHR5:18228255	SSF x Near_LoA	-8,38542279	0,011	0,319
CHR5	18228267	CHR5:18228267	SSF x Near_LoA	-9,18201069	-0,002	0,303
CHR5	18234327	CHR5:18234327	SSF x Near_LoA	-11,6357305	-0,047	0,304
CHR5	18234355	CHR5:18234355	SSF x Near_LoA	-10,3522637	0,074	0,310
CHR5	18234383	CHR5:18234383	SSF x Near_LoA	-9,61987651	-0,025	0,312
CHR5	18234473	CHR5:18234473	SSF x Near_LoA	-10,302604	-0,001	0,302
CHR5	18239237	CHR5:18239237	SSF x Near_LoA	-9,08237139	0,111	0,310
CHR5	18239238	CHR5:18239238	SSF x Near_LoA	-8,17448886	0,103	0,306
CHR5	18245694	CHR5:18245694	SSF x Near_LoA	-7,82615277	0,071	0,306
CHR5	18245876	CHR5:18245876	SSF x Near_LoA	-10,3110787	-0,062	0,307
CHR5	18248434	CHR5:18248434	SSF x Near_LoA	-5,67387015	-0,140	0,318
CHR5	18253318	CHR5:18253318	SSF x Near_LoA	-1,6062749	-0,054	0,324
CHR5	18253326	CHR5:18253326	SSF x Near_LoA	-9,61586513	0,015	0,314
CHR5	18253336	CHR5:18253336	SSF x Near_LoA	-11,1302359	0,036	0,309
CHR5	18253355	CHR5:18253355	SSF x Near_LoA	-10,6594435	-0,004	0,313
CHR5	18253358	CHR5:18253358	SSF x Near_LoA	-10,2132173	-0,011	0,324
CHR5	18253400	CHR5:18253400	SSF x Near_LoA	-8,46327841	0,033	0,310
CHR5	18260157	CHR5:18260157	SSF x Near_LoA	-10,4422867	0,056	0,293
CHR5	18260435	CHR5:18260435	SSF x Near_LoA	-7,83034248	0,072	0,317
CHR5	18265578	CHR5:18265578	SSF x Near_LoA	-8,81417336	0,066	0,297
CHR5	18268262	CHR5:18268262	SSF x Near_LoA	-9,27731325	-0,035	0,305
CHR5	18268395	CHR5:18268395	SSF x Near_LoA	-8,44196476	0,070	0,304
CHR5	18271948	CHR5:18271948	SSF x Near_LoA	-11,066668	0,016	0,322
CHR5	18271949	CHR5:18271949	SSF x Near_LoA	-10,4816682	0,059	0,317
CHR5	18271969	CHR5:18271969	SSF x Near_LoA	-10,4016819	-0,056	0,309
CHR5	18272031	CHR5:18272031	SSF x Near_LoA	-9,9720031	-0,048	0,312
CHR5	18278117	CHR5:18278117	SSF x Near_LoA	-10,1684744	-0,128	0,292
CHR5	18278154	CHR5:18278154	SSF x Near_LoA	-2,70119621	0,123	0,308
CHR5	18278323	CHR5:18278323	SSF x Near_LoA	-10,5391077	-0,013	0,311
CHR5	18278331	CHR5:18278331	SSF x Near_LoA	-9,04534434	-0,023	0,308
CHR5	18283476	CHR5:18283476	SSF x Near_LoA	-10,8368365	-0,014	0,304
CHR5	18299813	CHR5:18299813	SSF x Near_LoA	-8,48472902	-0,058	0,323
CHR5	18299814	CHR5:18299814	SSF x Near_LoA	-9,02047975	-0,092	0,303
CHR5	18299853	CHR5:18299853	SSF x Near_LoA	-8,98071349	0,061	0,303
CHR5	18299896	CHR5:18299896	SSF x Near_LoA	-9,59423376	0,075	0,308
CHR5	18299966	CHR5:18299966	SSF x Near_LoA	-11,0271878	0,048	0,297
CHR5	1831180	CHR5:1831180	SSF x Near_LoA	-11,491636	-0,017	0,288
CHR5	18340087	CHR5:18340087	SSF x Near_LoA	-8,59092477	0,041	0,323
CHR5	18340122	CHR5:18340122	SSF x Near_LoA	-10,0707426	-0,086	0,295
CHR5	18340174	CHR5:18340174	SSF x Near_LoA	-9,70614913	-0,058	0,304

CHR5	18347014	CHR5:18347014	SSF x Near_LoA	-2,76256664	0,033	0,307
CHR5	18376867	CHR5:18376867	SSF x Near_LoA	-6,1666907	0,003	0,333
CHR5	18376870	CHR5:18376870	SSF x Near_LoA	-8,77707242	-0,024	0,304
CHR5	18376892	CHR5:18376892	SSF x Near_LoA	-8,37746448	0,019	0,311
CHR5	18376944	CHR5:18376944	SSF x Near_LoA	-10,3705586	0,114	0,303
CHR5	18376966	CHR5:18376966	SSF x Near_LoA	-8,05077882	-0,117	0,312
CHR5	18376967	CHR5:18376967	SSF x Near_LoA	-9,83640233	0,030	0,310
CHR5	18376976	CHR5:18376976	SSF x Near_LoA	-9,88119543	-0,015	0,301
CHR5	18377014	CHR5:18377014	SSF x Near_LoA	-9,69701863	-0,112	0,310
CHR5	18377025	CHR5:18377025	SSF x Near_LoA	-8,67444193	-0,024	0,311
CHR5	18377030	CHR5:18377030	SSF x Near_LoA	-11,2262081	-0,086	0,302
CHR5	18377032	CHR5:18377032	SSF x Near_LoA	-10,7441836	-0,040	0,301
CHR5	18377056	CHR5:18377056	SSF x Near_LoA	-9,65472833	-0,053	0,307
CHR5	18387889	CHR5:18387889	SSF x Near_LoA	-9,47854117	0,089	0,296
CHR5	18388062	CHR5:18388062	SSF x Near_LoA	-7,68626217	0,124	0,304
CHR5	18388071	CHR5:18388071	SSF x Near_LoA	-9,83852459	0,120	0,307
CHR5	18394084	CHR5:18394084	SSF x Near_LoA	-7,78765521	-0,116	0,304
CHR5	18394098	CHR5:18394098	SSF x Near_LoA	-8,25110248	-0,136	0,301
CHR5	18394193	CHR5:18394193	SSF x Near_LoA	-3,9921274	0,210	0,296
CHR5	18408574	CHR5:18408574	SSF x Near_LoA	-10,9791632	-0,026	0,308
CHR5	18431769	CHR5:18431769	SSF x Near_LoA	-10,114078	-0,110	0,314
CHR5	18442506	CHR5:18442506	SSF x Near_LoA	-9,28528673	0,085	0,306
CHR5	18442561	CHR5:18442561	SSF x Near_LoA	-10,4143991	0,001	0,307
CHR5	18442696	CHR5:18442696	SSF x Near_LoA	-8,12297988	0,019	0,301
CHR5	18445424	CHR5:18445424	SSF x Near_LoA	-10,1677622	-0,080	0,309
CHR5	18445462	CHR5:18445462	SSF x Near_LoA	-7,9252351	-0,034	0,313
CHR5	18445498	CHR5:18445498	SSF x Near_LoA	-10,583863	-0,033	0,321
CHR5	18445500	CHR5:18445500	SSF x Near_LoA	-6,81219275	0,039	0,310
CHR5	18453752	CHR5:18453752	SSF x Near_LoA	-9,68507291	0,054	0,327
CHR5	18453756	CHR5:18453756	SSF x Near_LoA	-10,2874484	-0,017	0,319
CHR5	18453801	CHR5:18453801	SSF x Near_LoA	-0,51402161	-0,164	0,312
CHR5	18453959	CHR5:18453959	SSF x Near_LoA	-8,3733924	-0,028	0,308
CHR5	18453969	CHR5:18453969	SSF x Near_LoA	-11,619581	-0,019	0,309
CHR5	18453978	CHR5:18453978	SSF x Near_LoA	-7,59811962	-0,008	0,317
CHR5	18460333	CHR5:18460333	SSF x Near_LoA	-9,16621974	0,067	0,306
CHR5	18460390	CHR5:18460390	SSF x Near_LoA	0,97136005	0,084	0,329
CHR5	18463906	CHR5:18463906	SSF x Near_LoA	-7,17516952	0,101	0,299
CHR5	18472585	CHR5:18472585	SSF x Near_LoA	-9,94433567	0,060	0,300
CHR5	18476069	CHR5:18476069	SSF x Near_LoA	-7,52971417	0,107	0,318
CHR5	18476075	CHR5:18476075	SSF x Near_LoA	-10,054883	0,070	0,311
CHR5	18476144	CHR5:18476144	SSF x Near_LoA	-10,8484138	-0,033	0,308
CHR5	1847778	CHR5:1847778	SSF x Near_LoA	-10,7581018	-0,092	0,304
CHR5	1847883	CHR5:1847883	SSF x Near_LoA	-8,94146655	0,018	0,313
CHR5	18481104	CHR5:18481104	SSF x Near_LoA	-9,33498161	-0,042	0,297
CHR5	18481136	CHR5:18481136	SSF x Near_LoA	-10,6072225	-0,030	0,297
CHR5	18481194	CHR5:18481194	SSF x Near_LoA	-10,711289	0,021	0,304
CHR5	18489358	CHR5:18489358	SSF x Near_LoA	-2,62068522	0,104	0,292
CHR5	18492770	CHR5:18492770	SSF x Near_LoA	-7,29423886	0,128	0,291
CHR5	18492780	CHR5:18492780	SSF x Near_LoA	-8,21733765	0,127	0,301
CHR5	18502756	CHR5:18502756	SSF x Near_LoA	-7,21202086	-0,024	0,299
CHR5	18502843	CHR5:18502843	SSF x Near_LoA	-9,84294457	0,009	0,322
CHR5	18502861	CHR5:18502861	SSF x Near_LoA	5,9002762	0,152	0,289
CHR5	18504553	CHR5:18504553	SSF x Near_LoA	-8,1712207	0,095	0,301

CHR5	18504570	CHR5:18504570	SSF x Near_LoA	-8,30068723	-0,070	0,311
CHR5	18511933	CHR5:18511933	SSF x Near_LoA	-8,30371689	-0,070	0,299
CHR5	18512024	CHR5:18512024	SSF x Near_LoA	-8,67897438	0,029	0,313
CHR5	18512072	CHR5:18512072	SSF x Near_LoA	-8,57576242	0,048	0,309
CHR5	18557552	CHR5:18557552	SSF x Near_LoA	-9,28980439	-0,057	0,303
CHR5	18564414	CHR5:18564414	SSF x Near_LoA	-9,86837935	0,132	0,289
CHR5	18575823	CHR5:18575823	SSF x Near_LoA	-9,8077645	-0,086	0,305
CHR5	18575826	CHR5:18575826	SSF x Near_LoA	-9,05729592	0,006	0,313
CHR5	18575827	CHR5:18575827	SSF x Near_LoA	-8,9775061	-0,010	0,313
CHR5	18575916	CHR5:18575916	SSF x Near_LoA	-9,98213686	-0,032	0,310
CHR5	18575932	CHR5:18575932	SSF x Near_LoA	-7,00625158	-0,011	0,315
CHR5	18575954	CHR5:18575954	SSF x Near_LoA	-9,04183222	0,002	0,314
CHR5	18582208	CHR5:18582208	SSF x Near_LoA	-9,74941082	0,025	0,308
CHR5	18582306	CHR5:18582306	SSF x Near_LoA	-8,17269542	-0,091	0,315
CHR5	1858871	CHR5:1858871	SSF x Near_LoA	-9,38495814	0,075	0,317
CHR5	18613865	CHR5:18613865	SSF x Near_LoA	-11,7343595	0,042	0,306
CHR5	18624910	CHR5:18624910	SSF x Near_LoA	-9,64207982	-0,014	0,300
CHR5	18626020	CHR5:18626020	SSF x Near_LoA	-9,97007161	-0,085	0,314
CHR5	18627655	CHR5:18627655	SSF x Near_LoA	-10,5612099	0,008	0,299
CHR5	18627688	CHR5:18627688	SSF x Near_LoA	-8,78521336	0,071	0,304
CHR5	18627796	CHR5:18627796	SSF x Near_LoA	-8,57472532	0,021	0,304
CHR5	18627816	CHR5:18627816	SSF x Near_LoA	-6,9058886	-0,008	0,313
CHR5	18627848	CHR5:18627848	SSF x Near_LoA	-9,51925875	-0,007	0,308
CHR5	18643567	CHR5:18643567	SSF x Near_LoA	-9,25349811	-0,020	0,296
CHR5	18643570	CHR5:18643570	SSF x Near_LoA	-8,20372268	-0,054	0,308
CHR5	18643612	CHR5:18643612	SSF x Near_LoA	-9,19235803	-0,040	0,309
CHR5	18643618	CHR5:18643618	SSF x Near_LoA	-9,66812425	-0,001	0,301
CHR5	18643742	CHR5:18643742	SSF x Near_LoA	-9,94751701	0,096	0,293
CHR5	18652538	CHR5:18652538	SSF x Near_LoA	-9,18221447	-0,006	0,292
CHR5	18653785	CHR5:18653785	SSF x Near_LoA	-7,91299729	0,042	0,317
CHR5	18653823	CHR5:18653823	SSF x Near_LoA	-10,0782968	0,047	0,315
CHR5	18653849	CHR5:18653849	SSF x Near_LoA	-10,7380012	0,038	0,299
CHR5	18657895	CHR5:18657895	SSF x Near_LoA	-7,67121324	0,047	0,314
CHR5	18657992	CHR5:18657992	SSF x Near_LoA	-11,0357255	-0,039	0,326
CHR5	18674863	CHR5:18674863	SSF x Near_LoA	-11,4889635	-0,026	0,308
CHR5	18674994	CHR5:18674994	SSF x Near_LoA	-10,884266	-0,050	0,304
CHR5	18686296	CHR5:18686296	SSF x Near_LoA	-8,38695974	-0,025	0,307
CHR5	18686331	CHR5:18686331	SSF x Near_LoA	-9,97661265	-0,089	0,293
CHR5	18686337	CHR5:18686337	SSF x Near_LoA	-11,9956325	-0,035	0,307
CHR5	18688123	CHR5:18688123	SSF x Near_LoA	-8,95249014	-0,157	0,311
CHR5	18688690	CHR5:18688690	SSF x Near_LoA	-10,182059	-0,081	0,299
CHR5	18695220	CHR5:18695220	SSF x Near_LoA	-4,20393611	-0,066	0,304
CHR5	18732475	CHR5:18732475	SSF x Near_LoA	-7,97965645	-0,004	0,314
CHR5	18732490	CHR5:18732490	SSF x Near_LoA	-11,1645881	-0,019	0,299
CHR5	18732520	CHR5:18732520	SSF x Near_LoA	-10,6340861	-0,034	0,291
CHR5	18754037	CHR5:18754037	SSF x Near_LoA	-5,27916601	-0,024	0,313
CHR5	18754056	CHR5:18754056	SSF x Near_LoA	-11,0926253	-0,049	0,313
CHR5	18765178	CHR5:18765178	SSF x Near_LoA	-9,91651816	0,011	0,310
CHR5	18765328	CHR5:18765328	SSF x Near_LoA	-10,7637945	-0,010	0,312
CHR5	18775119	CHR5:18775119	SSF x Near_LoA	-8,8717026	-0,087	0,311
CHR5	18792869	CHR5:18792869	SSF x Near_LoA	-9,14758381	-0,026	0,298
CHR5	18792961	CHR5:18792961	SSF x Near_LoA	-7,61922668	-0,060	0,311
CHR5	18792980	CHR5:18792980	SSF x Near_LoA	-8,38259385	-0,103	0,313

CHR5	18793966	CHR5:18793966	SSF x Near_LoA	-8,60779158	-0,021	0,302
CHR5	18814561	CHR5:18814561	SSF x Near_LoA	-11,1152686	0,002	0,295
CHR5	18834202	CHR5:18834202	SSF x Near_LoA	-10,7194354	0,083	0,312
CHR5	18834206	CHR5:18834206	SSF x Near_LoA	-9,3042337	0,023	0,296
CHR5	18834220	CHR5:18834220	SSF x Near_LoA	-5,66319532	-0,021	0,317
CHR5	18834222	CHR5:18834222	SSF x Near_LoA	-8,12830186	0,138	0,286
CHR5	18837904	CHR5:18837904	SSF x Near_LoA	-10,3242572	0,016	0,308
CHR5	18859760	CHR5:18859760	SSF x Near_LoA	-10,1499342	-0,106	0,307
CHR5	18859762	CHR5:18859762	SSF x Near_LoA	-10,2387287	-0,099	0,303
CHR5	18859778	CHR5:18859778	SSF x Near_LoA	-10,3833306	-0,103	0,311
CHR5	18859783	CHR5:18859783	SSF x Near_LoA	-10,1336876	-0,108	0,309
CHR5	18863374	CHR5:18863374	SSF x Near_LoA	-11,7561805	-0,012	0,296
CHR5	18865286	CHR5:18865286	SSF x Near_LoA	-11,798419	0,031	0,316
CHR5	18865349	CHR5:18865349	SSF x Near_LoA	-8,8741314	0,005	0,312
CHR5	18865353	CHR5:18865353	SSF x Near_LoA	-12,012194	0,006	0,310
CHR5	18865398	CHR5:18865398	SSF x Near_LoA	-9,56433271	0,138	0,298
CHR5	18865408	CHR5:18865408	SSF x Near_LoA	-9,29781786	-0,056	0,298
CHR5	18865434	CHR5:18865434	SSF x Near_LoA	-5,75220387	0,156	0,304
CHR5	18867293	CHR5:18867293	SSF x Near_LoA	-8,99856154	-0,019	0,314
CHR5	18867295	CHR5:18867295	SSF x Near_LoA	-10,8025819	0,063	0,316
CHR5	18867363	CHR5:18867363	SSF x Near_LoA	-5,49480381	0,099	0,308
CHR5	18867422	CHR5:18867422	SSF x Near_LoA	-11,2097289	-0,017	0,300
CHR5	18871403	CHR5:18871403	SSF x Near_LoA	-10,6611368	0,001	0,311
CHR5	18871409	CHR5:18871409	SSF x Near_LoA	-9,23239831	0,099	0,305
CHR5	18871497	CHR5:18871497	SSF x Near_LoA	-12,4094947	-0,027	0,301
CHR5	18871560	CHR5:18871560	SSF x Near_LoA	-10,9908396	0,018	0,302
CHR5	18873064	CHR5:18873064	SSF x Near_LoA	-8,56579554	0,071	0,291
CHR5	18873086	CHR5:18873086	SSF x Near_LoA	-9,92704869	-0,039	0,301
CHR5	18873119	CHR5:18873119	SSF x Near_LoA	-8,89850789	-0,103	0,291
CHR5	18873164	CHR5:18873164	SSF x Near_LoA	-10,6352545	0,075	0,308
CHR5	18897719	CHR5:18897719	SSF x Near_LoA	-11,3152499	0,025	0,314
CHR5	18897811	CHR5:18897811	SSF x Near_LoA	-10,3745524	0,049	0,309
CHR5	18897826	CHR5:18897826	SSF x Near_LoA	-10,6960354	0,055	0,301
CHR5	18898915	CHR5:18898915	SSF x Near_LoA	-10,3913733	0,019	0,293
CHR5	18898929	CHR5:18898929	SSF x Near_LoA	-11,9803648	-0,042	0,294
CHR5	18898973	CHR5:18898973	SSF x Near_LoA	-10,5871511	0,006	0,302
CHR5	18899167	CHR5:18899167	SSF x Near_LoA	-10,0330944	-0,081	0,290
CHR5	18903821	CHR5:18903821	SSF x Near_LoA	-9,32589064	0,091	0,323
CHR5	18903900	CHR5:18903900	SSF x Near_LoA	-7,30554288	-0,026	0,309
CHR5	18903928	CHR5:18903928	SSF x Near_LoA	-9,86388665	0,166	0,303
CHR5	18910340	CHR5:18910340	SSF x Near_LoA	-6,0684561	-0,182	0,298
CHR5	18910352	CHR5:18910352	SSF x Near_LoA	-6,64794459	-0,190	0,294
CHR5	18910371	CHR5:18910371	SSF x Near_LoA	-9,83206401	0,078	0,298
CHR5	18910398	CHR5:18910398	SSF x Near_LoA	-6,37005912	0,130	0,318
CHR5	18910412	CHR5:18910412	SSF x Near_LoA	-8,62835659	0,093	0,306
CHR5	18910434	CHR5:18910434	SSF x Near_LoA	-8,56421061	0,074	0,303
CHR5	18910443	CHR5:18910443	SSF x Near_LoA	-9,02942659	-0,085	0,313
CHR5	18941291	CHR5:18941291	SSF x Near_LoA	-5,94261332	-0,032	0,311
CHR5	18948906	CHR5:18948906	SSF x Near_LoA	-10,0427416	0,051	0,313
CHR5	18949001	CHR5:18949001	SSF x Near_LoA	-10,5412456	0,054	0,303
CHR5	18949095	CHR5:18949095	SSF x Near_LoA	-8,73193586	-0,097	0,308
CHR5	18952263	CHR5:18952263	SSF x Near_LoA	-8,66136654	0,096	0,307
CHR5	18952317	CHR5:18952317	SSF x Near_LoA	-7,78163326	0,085	0,311

CHR5	18952350	CHR5:18952350	SSF x Near_LoA	-6,8427851	0,115	0,300
CHR5	18964352	CHR5:18964352	SSF x Near_LoA	-9,46702551	0,079	0,303
CHR5	18966688	CHR5:18966688	SSF x Near_LoA	-5,67824493	0,179	0,294
CHR5	18966696	CHR5:18966696	SSF x Near_LoA	-7,68471061	-0,040	0,306
CHR5	18966803	CHR5:18966803	SSF x Near_LoA	-9,42588263	-0,107	0,317
CHR5	18966841	CHR5:18966841	SSF x Near_LoA	-11,6202613	0,025	0,304
CHR5	18966855	CHR5:18966855	SSF x Near_LoA	-8,35656541	0,040	0,295
CHR5	18970081	CHR5:18970081	SSF x Near_LoA	-9,84666766	-0,057	0,320
CHR5	18970200	CHR5:18970200	SSF x Near_LoA	2,3573403	0,111	0,311
CHR5	18970222	CHR5:18970222	SSF x Near_LoA	-9,07961043	0,009	0,315
CHR5	18970228	CHR5:18970228	SSF x Near_LoA	-10,1418653	-0,052	0,300
CHR5	18970248	CHR5:18970248	SSF x Near_LoA	1,66194343	0,085	0,308
CHR5	18970263	CHR5:18970263	SSF x Near_LoA	-8,45870974	-0,015	0,314
CHR5	18970271	CHR5:18970271	SSF x Near_LoA	-11,7714011	-0,030	0,307
CHR5	18970340	CHR5:18970340	SSF x Near_LoA	-10,3439152	-0,053	0,299
CHR5	18971885	CHR5:18971885	SSF x Near_LoA	-6,87142085	-0,084	0,317
CHR5	18971929	CHR5:18971929	SSF x Near_LoA	-10,2471583	-0,021	0,306
CHR5	18977741	CHR5:18977741	SSF x Near_LoA	-10,1376918	-0,065	0,310
CHR5	18977862	CHR5:18977862	SSF x Near_LoA	-3,01998124	-0,202	0,297
CHR5	19009690	CHR5:19009690	SSF x Near_LoA	-8,32469507	-0,066	0,299
CHR5	19056329	CHR5:19056329	SSF x Near_LoA	-11,1132464	0,023	0,301
CHR5	1906440	CHR5:1906440	SSF x Near_LoA	-9,7254338	0,083	0,299
CHR5	1906681	CHR5:1906681	SSF x Near_LoA	-9,76427775	-0,008	0,310
CHR5	19069955	CHR5:19069955	SSF x Near_LoA	-10,4006599	0,045	0,316
CHR5	19072202	CHR5:19072202	SSF x Near_LoA	-9,86859265	0,014	0,312
CHR5	19073061	CHR5:19073061	SSF x Near_LoA	-11,1223338	0,046	0,297
CHR5	19073115	CHR5:19073115	SSF x Near_LoA	-11,5940676	0,071	0,312
CHR5	19092958	CHR5:19092958	SSF x Near_LoA	-12,1260472	-0,028	0,308
CHR5	19092985	CHR5:19092985	SSF x Near_LoA	-11,0265291	-0,041	0,296
CHR5	19092993	CHR5:19092993	SSF x Near_LoA	-9,39670491	0,055	0,302
CHR5	19092996	CHR5:19092996	SSF x Near_LoA	-8,58279207	0,026	0,320
CHR5	19092999	CHR5:19092999	SSF x Near_LoA	-11,0840239	-0,023	0,294
CHR5	19093017	CHR5:19093017	SSF x Near_LoA	-11,2175984	-0,006	0,305
CHR5	19102881	CHR5:19102881	SSF x Near_LoA	-8,74654214	-0,027	0,323
CHR5	19102992	CHR5:19102992	SSF x Near_LoA	-8,90145114	-0,039	0,305
CHR5	19102998	CHR5:19102998	SSF x Near_LoA	-8,91571755	0,091	0,316
CHR5	19103668	CHR5:19103668	SSF x Near_LoA	-9,48681166	0,054	0,305
CHR5	19103689	CHR5:19103689	SSF x Near_LoA	-7,15558374	0,122	0,316
CHR5	19103712	CHR5:19103712	SSF x Near_LoA	-8,94538435	0,084	0,304
CHR5	19108901	CHR5:19108901	SSF x Near_LoA	-10,809937	-0,002	0,301
CHR5	19109073	CHR5:19109073	SSF x Near_LoA	-8,02310706	0,023	0,290
CHR5	19110484	CHR5:19110484	SSF x Near_LoA	-8,82888433	0,058	0,308
CHR5	19110597	CHR5:19110597	SSF x Near_LoA	-10,354173	0,004	0,315
CHR5	19110599	CHR5:19110599	SSF x Near_LoA	-11,9468547	0,048	0,300
CHR5	19110734	CHR5:19110734	SSF x Near_LoA	-9,3363869	0,038	0,297
CHR5	19117513	CHR5:19117513	SSF x Near_LoA	-8,77656816	-0,056	0,308
CHR5	19117583	CHR5:19117583	SSF x Near_LoA	-11,1441772	-0,035	0,293
CHR5	19117615	CHR5:19117615	SSF x Near_LoA	-8,21672516	0,011	0,308
CHR5	19117621	CHR5:19117621	SSF x Near_LoA	-11,4559985	-0,012	0,294
CHR5	19117645	CHR5:19117645	SSF x Near_LoA	-11,2471926	0,009	0,279
CHR5	19127688	CHR5:19127688	SSF x Near_LoA	-8,58536668	0,028	0,318
CHR5	19132642	CHR5:19132642	SSF x Near_LoA	-9,39658791	-0,003	0,310
CHR5	19132651	CHR5:19132651	SSF x Near_LoA	-0,29438198	-0,022	0,319

CHR5	19132655	CHR5:19132655	SSF x Near_LoA	-8,01490725	-0,015	0,311
CHR5	19132835	CHR5:19132835	SSF x Near_LoA	-7,06437389	-0,015	0,313
CHR5	19132846	CHR5:19132846	SSF x Near_LoA	-9,47599211	0,030	0,302
CHR5	19132852	CHR5:19132852	SSF x Near_LoA	-1,98690128	0,039	0,298
CHR5	19140602	CHR5:19140602	SSF x Near_LoA	-9,44243125	0,201	0,304
CHR5	19140785	CHR5:19140785	SSF x Near_LoA	-8,4276681	0,087	0,307
CHR5	19148486	CHR5:19148486	SSF x Near_LoA	-10,1836152	-0,021	0,309
CHR5	19148492	CHR5:19148492	SSF x Near_LoA	-6,22510637	-0,130	0,292
CHR5	19148518	CHR5:19148518	SSF x Near_LoA	-11,2173429	-0,007	0,308
CHR5	19148522	CHR5:19148522	SSF x Near_LoA	-10,7370242	-0,050	0,324
CHR5	19148547	CHR5:19148547	SSF x Near_LoA	-11,6902063	-0,014	0,306
CHR5	19148548	CHR5:19148548	SSF x Near_LoA	-7,47907119	-0,051	0,291
CHR5	19148550	CHR5:19148550	SSF x Near_LoA	-9,37070619	0,062	0,309
CHR5	19148574	CHR5:19148574	SSF x Near_LoA	-9,08798316	-0,061	0,309
CHR5	19155879	CHR5:19155879	SSF x Near_LoA	-9,91627349	0,101	0,310
CHR5	19160877	CHR5:19160877	SSF x Near_LoA	-9,54215868	-0,005	0,320
CHR5	19161125	CHR5:19161125	SSF x Near_LoA	-10,7101985	0,057	0,311
CHR5	19176595	CHR5:19176595	SSF x Near_LoA	-7,29319105	-0,045	0,301
CHR5	19176637	CHR5:19176637	SSF x Near_LoA	-8,67710808	0,053	0,326
CHR5	19176668	CHR5:19176668	SSF x Near_LoA	-5,46582905	0,105	0,315
CHR5	19176861	CHR5:19176861	SSF x Near_LoA	-11,76726	0,024	0,302
CHR5	19178894	CHR5:19178894	SSF x Near_LoA	-9,81838189	-0,115	0,306
CHR5	1919711	CHR5:1919711	SSF x Near_LoA	-6,37059253	-0,021	0,297
CHR5	1919713	CHR5:1919713	SSF x Near_LoA	-7,64138838	0,011	0,307
CHR5	1919727	CHR5:1919727	SSF x Near_LoA	-8,98866309	-0,019	0,312
CHR5	1919756	CHR5:1919756	SSF x Near_LoA	-8,67185454	-0,024	0,316
CHR5	1919815	CHR5:1919815	SSF x Near_LoA	-10,0056623	0,030	0,312
CHR5	19202919	CHR5:19202919	SSF x Near_LoA	-10,6366163	-0,060	0,311
CHR5	19202927	CHR5:19202927	SSF x Near_LoA	-9,98768286	0,033	0,308
CHR5	19203880	CHR5:19203880	SSF x Near_LoA	-9,80273275	-0,003	0,298
CHR5	19203932	CHR5:19203932	SSF x Near_LoA	-11,3902443	-0,008	0,301
CHR5	1920990	CHR5:1920990	SSF x Near_LoA	-8,06780171	0,057	0,299
CHR5	19219781	CHR5:19219781	SSF x Near_LoA	-9,55389792	0,060	0,290
CHR5	19219823	CHR5:19219823	SSF x Near_LoA	-8,24332529	-0,002	0,306
CHR5	19220230	CHR5:19220230	SSF x Near_LoA	-9,92266777	0,015	0,306
CHR5	19220250	CHR5:19220250	SSF x Near_LoA	-9,51579481	-0,045	0,306
CHR5	19220261	CHR5:19220261	SSF x Near_LoA	-11,3087564	-0,025	0,309
CHR5	19222809	CHR5:19222809	SSF x Near_LoA	-9,36354446	0,005	0,311
CHR5	19222860	CHR5:19222860	SSF x Near_LoA	-8,1122534	-0,010	0,307
CHR5	19223058	CHR5:19223058	SSF x Near_LoA	-9,54107103	-0,019	0,301
CHR5	19238638	CHR5:19238638	SSF x Near_LoA	-9,22611614	-0,047	0,313
CHR5	19238645	CHR5:19238645	SSF x Near_LoA	-10,2800507	-0,012	0,307
CHR5	19238683	CHR5:19238683	SSF x Near_LoA	-9,97345165	0,043	0,313
CHR5	19238696	CHR5:19238696	SSF x Near_LoA	-8,64948095	0,032	0,304
CHR5	19238698	CHR5:19238698	SSF x Near_LoA	-11,1434428	0,028	0,303
CHR5	19238716	CHR5:19238716	SSF x Near_LoA	-3,63120042	-0,137	0,299
CHR5	19238724	CHR5:19238724	SSF x Near_LoA	-6,98983345	-0,089	0,297
CHR5	19238737	CHR5:19238737	SSF x Near_LoA	-8,13049954	-0,066	0,312
CHR5	19238740	CHR5:19238740	SSF x Near_LoA	-9,83790832	0,061	0,309
CHR5	19238775	CHR5:19238775	SSF x Near_LoA	-9,40151238	0,009	0,305
CHR5	19238808	CHR5:19238808	SSF x Near_LoA	-10,1257611	0,015	0,302
CHR5	19238842	CHR5:19238842	SSF x Near_LoA	-8,35446641	0,105	0,312
CHR5	19238843	CHR5:19238843	SSF x Near_LoA	-9,738226	0,059	0,316

CHR5	19251098	CHR5:19251098	SSF x Near_LoA	-11,5591451	-0,018	0,298
CHR5	19251206	CHR5:19251206	SSF x Near_LoA	-9,23759577	-0,061	0,318
CHR5	19251217	CHR5:19251217	SSF x Near_LoA	-8,23985592	0,067	0,296
CHR5	1926249	CHR5:1926249	SSF x Near_LoA	-8,48613445	-0,086	0,295
CHR5	1926317	CHR5:1926317	SSF x Near_LoA	-7,93127814	0,079	0,309
CHR5	1926324	CHR5:1926324	SSF x Near_LoA	-11,0263202	0,081	0,294
CHR5	19263542	CHR5:19263542	SSF x Near_LoA	-9,86867863	0,003	0,305
CHR5	19263671	CHR5:19263671	SSF x Near_LoA	-10,407171	-0,099	0,300
CHR5	19263733	CHR5:19263733	SSF x Near_LoA	-10,1005534	0,107	0,297
CHR5	19263752	CHR5:19263752	SSF x Near_LoA	-10,8788238	0,048	0,302
CHR5	19263762	CHR5:19263762	SSF x Near_LoA	-9,31851368	0,024	0,301
CHR5	1926408	CHR5:1926408	SSF x Near_LoA	-9,08357115	-0,077	0,310
CHR5	19266722	CHR5:19266722	SSF x Near_LoA	-10,8861023	-0,033	0,324
CHR5	19267725	CHR5:19267725	SSF x Near_LoA	-9,06232228	-0,078	0,316
CHR5	19267733	CHR5:19267733	SSF x Near_LoA	-6,92468211	-0,022	0,322
CHR5	19267754	CHR5:19267754	SSF x Near_LoA	-7,38838557	-0,149	0,295
CHR5	19267778	CHR5:19267778	SSF x Near_LoA	-9,16535295	-0,017	0,319
CHR5	19267782	CHR5:19267782	SSF x Near_LoA	-10,6308265	0,052	0,306
CHR5	19267796	CHR5:19267796	SSF x Near_LoA	-7,77575403	0,094	0,314
CHR5	19267824	CHR5:19267824	SSF x Near_LoA	-10,907093	-0,086	0,304
CHR5	19267832	CHR5:19267832	SSF x Near_LoA	-5,52280702	-0,157	0,307
CHR5	19267843	CHR5:19267843	SSF x Near_LoA	-7,12990122	-0,063	0,306
CHR5	19269891	CHR5:19269891	SSF x Near_LoA	-2,10160147	-0,079	0,299
CHR5	19269896	CHR5:19269896	SSF x Near_LoA	-8,94315125	0,015	0,319
CHR5	19269912	CHR5:19269912	SSF x Near_LoA	-7,16807422	-0,142	0,301
CHR5	19269953	CHR5:19269953	SSF x Near_LoA	-2,88643821	0,184	0,287
CHR5	19290337	CHR5:19290337	SSF x Near_LoA	-9,92652078	0,000	0,321
CHR5	19290349	CHR5:19290349	SSF x Near_LoA	-8,24937212	-0,081	0,308
CHR5	19290384	CHR5:19290384	SSF x Near_LoA	-10,2798679	-0,039	0,297
CHR5	19306064	CHR5:19306064	SSF x Near_LoA	-6,17766342	0,028	0,325
CHR5	19306092	CHR5:19306092	SSF x Near_LoA	-9,1206721	0,051	0,305
CHR5	19306383	CHR5:19306383	SSF x Near_LoA	-8,78712164	-0,003	0,312
CHR5	19306401	CHR5:19306401	SSF x Near_LoA	-11,9076745	-0,056	0,301
CHR5	19306417	CHR5:19306417	SSF x Near_LoA	-9,76945466	0,045	0,313
CHR5	19306419	CHR5:19306419	SSF x Near_LoA	-10,5498057	-0,031	0,299
CHR5	19306464	CHR5:19306464	SSF x Near_LoA	-10,5276892	-0,089	0,323
CHR5	19306478	CHR5:19306478	SSF x Near_LoA	-7,28946148	-0,041	0,318
CHR5	19306498	CHR5:19306498	SSF x Near_LoA	-8,56977215	0,063	0,301
CHR5	19306512	CHR5:19306512	SSF x Near_LoA	-6,12128344	0,009	0,318
CHR5	19310859	CHR5:19310859	SSF x Near_LoA	-8,92363401	-0,046	0,315
CHR5	19310929	CHR5:19310929	SSF x Near_LoA	-3,31154018	0,184	0,294
CHR5	19310957	CHR5:19310957	SSF x Near_LoA	-11,1713415	-0,067	0,307
CHR5	19310968	CHR5:19310968	SSF x Near_LoA	-8,6074003	-0,055	0,318
CHR5	19320871	CHR5:19320871	SSF x Near_LoA	-10,562836	0,069	0,310
CHR5	19320875	CHR5:19320875	SSF x Near_LoA	-10,1284205	0,087	0,299
CHR5	19320880	CHR5:19320880	SSF x Near_LoA	-10,8953973	-0,007	0,307
CHR5	19322240	CHR5:19322240	SSF x Near_LoA	-8,76916844	0,071	0,308
CHR5	19322289	CHR5:19322289	SSF x Near_LoA	-1,95974208	0,010	0,313
CHR5	19322291	CHR5:19322291	SSF x Near_LoA	-9,10715777	-0,053	0,308
CHR5	19338307	CHR5:19338307	SSF x Near_LoA	-4,72330986	-0,197	0,298
CHR5	19338309	CHR5:19338309	SSF x Near_LoA	-7,88296749	0,120	0,306
CHR5	19338341	CHR5:19338341	SSF x Near_LoA	-9,20440862	0,114	0,293
CHR5	19345884	CHR5:19345884	SSF x Near_LoA	-9,06582183	0,069	0,303

CHR5	19345892	CHR5:19345892	SSF x Near_LoA	-9,07076746	0,035	0,310
CHR5	19345893	CHR5:19345893	SSF x Near_LoA	-9,01397323	-0,009	0,317
CHR5	19345923	CHR5:19345923	SSF x Near_LoA	-8,91101302	-0,134	0,299
CHR5	19345964	CHR5:19345964	SSF x Near_LoA	-8,36609094	-0,052	0,303
CHR5	19346401	CHR5:19346401	SSF x Near_LoA	-7,92428757	-0,082	0,313
CHR5	19346484	CHR5:19346484	SSF x Near_LoA	-8,87179052	0,071	0,304
CHR5	19349303	CHR5:19349303	SSF x Near_LoA	-8,68990004	0,116	0,298
CHR5	19350598	CHR5:19350598	SSF x Near_LoA	-11,0788998	-0,002	0,309
CHR5	19354917	CHR5:19354917	SSF x Near_LoA	-7,71467226	-0,140	0,305
CHR5	19362584	CHR5:19362584	SSF x Near_LoA	-8,98429398	0,050	0,304
CHR5	19362636	CHR5:19362636	SSF x Near_LoA	-7,75186191	0,039	0,304
CHR5	19401062	CHR5:19401062	SSF x Near_LoA	-7,18953652	-0,109	0,309
CHR5	19407400	CHR5:19407400	SSF x Near_LoA	-10,8592769	-0,002	0,314
CHR5	19407443	CHR5:19407443	SSF x Near_LoA	-10,5267701	-0,061	0,318
CHR5	19407444	CHR5:19407444	SSF x Near_LoA	-11,16759	0,062	0,298
CHR5	19407482	CHR5:19407482	SSF x Near_LoA	-10,3804201	0,074	0,293
CHR5	19407488	CHR5:19407488	SSF x Near_LoA	-7,95025673	0,016	0,319
CHR5	19415841	CHR5:19415841	SSF x Near_LoA	-8,98741521	-0,052	0,303
CHR5	19415855	CHR5:19415855	SSF x Near_LoA	-9,66569979	0,028	0,306
CHR5	19415886	CHR5:19415886	SSF x Near_LoA	-9,27583477	-0,056	0,295
CHR5	19415916	CHR5:19415916	SSF x Near_LoA	-10,1813291	0,080	0,300
CHR5	19415922	CHR5:19415922	SSF x Near_LoA	-7,59376082	-0,131	0,294
CHR5	19419059	CHR5:19419059	SSF x Near_LoA	-8,63624443	-0,024	0,308
CHR5	19419108	CHR5:19419108	SSF x Near_LoA	-8,76372827	0,056	0,297
CHR5	19419175	CHR5:19419175	SSF x Near_LoA	-8,38484648	0,042	0,315
CHR5	19420899	CHR5:19420899	SSF x Near_LoA	-9,83797239	-0,084	0,302
CHR5	19420913	CHR5:19420913	SSF x Near_LoA	-6,34492268	-0,093	0,320
CHR5	19420953	CHR5:19420953	SSF x Near_LoA	-8,81730381	-0,137	0,304
CHR5	19437354	CHR5:19437354	SSF x Near_LoA	-6,43240229	0,048	0,313
CHR5	19437650	CHR5:19437650	SSF x Near_LoA	-10,7067326	-0,086	0,299
CHR5	19442633	CHR5:19442633	SSF x Near_LoA	-10,7107194	0,105	0,303
CHR5	19442850	CHR5:19442850	SSF x Near_LoA	-9,53110225	0,102	0,298
CHR5	19454677	CHR5:19454677	SSF x Near_LoA	-11,1338077	-0,007	0,305
CHR5	1947032	CHR5:1947032	SSF x Near_LoA	-6,60465299	0,080	0,307
CHR5	19478882	CHR5:19478882	SSF x Near_LoA	-5,9274482	0,094	0,305
CHR5	19478957	CHR5:19478957	SSF x Near_LoA	-7,08250318	0,091	0,312
CHR5	19479027	CHR5:19479027	SSF x Near_LoA	-9,21311749	-0,062	0,316
CHR5	19479032	CHR5:19479032	SSF x Near_LoA	-8,96960723	0,039	0,315
CHR5	19479035	CHR5:19479035	SSF x Near_LoA	-9,47926197	-0,079	0,312
CHR5	19490245	CHR5:19490245	SSF x Near_LoA	-11,0944632	-0,019	0,300
CHR5	19498320	CHR5:19498320	SSF x Near_LoA	-10,905775	0,005	0,318
CHR5	19498531	CHR5:19498531	SSF x Near_LoA	-11,8420436	0,001	0,312
CHR5	2E+07	CHR5:19507558	SSF x Near_LoA	-10,2522504	-0,012	0,308
CHR5	2E+07	CHR5:19507650	SSF x Near_LoA	-7,51544511	0,017	0,309
CHR5	2E+07	CHR5:19507666	SSF x Near_LoA	-8,63916792	0,080	0,300
CHR5	2E+07	CHR5:19507670	SSF x Near_LoA	-12,0660448	0,004	0,307
CHR5	2E+07	CHR5:19507682	SSF x Near_LoA	-7,62939979	0,036	0,314
CHR5	2E+07	CHR5:19507714	SSF x Near_LoA	-4,9098705	-0,150	0,316
CHR5	2E+07	CHR5:19507716	SSF x Near_LoA	-11,4938953	-0,032	0,316
CHR5	2E+07	CHR5:19507720	SSF x Near_LoA	-10,8876362	-0,007	0,313
CHR5	2E+07	CHR5:19507743	SSF x Near_LoA	-10,2780939	-0,035	0,294
CHR5	2E+07	CHR5:19509582	SSF x Near_LoA	-11,5312616	-0,018	0,304
CHR5	2E+07	CHR5:19518307	SSF x Near_LoA	-9,12663061	-0,090	0,316

CHR5	2E+07	CHR5:19518312	SSF x Near_LoA	-4,39179544	-0,043	0,306
CHR5	2E+07	CHR5:19518353	SSF x Near_LoA	-9,40289191	0,150	0,299
CHR5	2E+07	CHR5:19518473	SSF x Near_LoA	-9,09171697	-0,158	0,297
CHR5	2E+07	CHR5:19518475	SSF x Near_LoA	-8,1138143	-0,161	0,313
CHR5	2E+07	CHR5:19518478	SSF x Near_LoA	-8,00593641	-0,187	0,294
CHR5	2E+07	CHR5:19518487	SSF x Near_LoA	-8,25483708	0,127	0,307
CHR5	2E+07	CHR5:19518503	SSF x Near_LoA	-10,1918266	0,078	0,298
CHR5	2E+07	CHR5:19518519	SSF x Near_LoA	-8,78242211	-0,104	0,299
CHR5	2E+07	CHR5:19525178	SSF x Near_LoA	0,49838803	-0,068	0,308
CHR5	2E+07	CHR5:19528364	SSF x Near_LoA	-2,99191756	0,171	0,296
CHR5	2E+07	CHR5:19528408	SSF x Near_LoA	-10,7513003	0,008	0,296
CHR5	2E+07	CHR5:19540124	SSF x Near_LoA	-9,98625114	0,018	0,290
CHR5	2E+07	CHR5:19541317	SSF x Near_LoA	-9,23372946	-0,043	0,314
CHR5	2E+07	CHR5:19541347	SSF x Near_LoA	-8,22955442	-0,007	0,307
CHR5	2E+07	CHR5:19541426	SSF x Near_LoA	-7,6371801	0,100	0,299
CHR5	2E+07	CHR5:19541440	SSF x Near_LoA	-11,8567034	-0,081	0,303
CHR5	2E+07	CHR5:19541452	SSF x Near_LoA	-10,5498392	0,023	0,280
CHR5	2E+07	CHR5:19541493	SSF x Near_LoA	-9,05256994	-0,041	0,306
CHR5	2E+07	CHR5:19541540	SSF x Near_LoA	-9,3602916	0,110	0,287
CHR5	2E+07	CHR5:19541543	SSF x Near_LoA	-9,3286	0,066	0,294
CHR5	2E+07	CHR5:19546288	SSF x Near_LoA	-7,65099947	-0,131	0,293
CHR5	2E+07	CHR5:19546297	SSF x Near_LoA	-8,43110616	-0,097	0,310
CHR5	2E+07	CHR5:19546886	SSF x Near_LoA	-11,71291	-0,010	0,309
CHR5	2E+07	CHR5:19546939	SSF x Near_LoA	-10,9555492	-0,018	0,301
CHR5	2E+07	CHR5:19546948	SSF x Near_LoA	-6,34456421	-0,184	0,302
CHR5	2E+07	CHR5:19558532	SSF x Near_LoA	-10,5473524	0,009	0,294
CHR5	2E+07	CHR5:19564095	SSF x Near_LoA	-8,51896874	-0,029	0,299
CHR5	2E+07	CHR5:19564106	SSF x Near_LoA	-10,7805839	0,040	0,320
CHR5	2E+07	CHR5:19564365	SSF x Near_LoA	-9,55185607	-0,047	0,302
CHR5	2E+07	CHR5:19579969	SSF x Near_LoA	-11,9688157	0,076	0,300
CHR5	2E+07	CHR5:19580003	SSF x Near_LoA	-12,0226569	0,045	0,309
CHR5	1959209	CHR5:1959209	SSF x Near_LoA	-6,2779901	0,013	0,316
CHR5	1959212	CHR5:1959212	SSF x Near_LoA	-10,8938857	-0,032	0,310
CHR5	1959262	CHR5:1959262	SSF x Near_LoA	-11,2027658	-0,031	0,312
CHR5	1959282	CHR5:1959282	SSF x Near_LoA	-11,9673942	0,001	0,311
CHR5	1959310	CHR5:1959310	SSF x Near_LoA	-9,727398	0,044	0,313
CHR5	2E+07	CHR5:19603608	SSF x Near_LoA	-10,0832002	-0,122	0,305
CHR5	2E+07	CHR5:19606276	SSF x Near_LoA	-7,82304644	0,080	0,319
CHR5	2E+07	CHR5:19606278	SSF x Near_LoA	-11,3099135	-0,025	0,307
CHR5	2E+07	CHR5:19606354	SSF x Near_LoA	-5,00989518	-0,115	0,302
CHR5	2E+07	CHR5:19606459	SSF x Near_LoA	-10,6584321	-0,050	0,299
CHR5	2E+07	CHR5:19606469	SSF x Near_LoA	-10,1208257	-0,047	0,309
CHR5	1960661	CHR5:1960661	SSF x Near_LoA	-9,82763444	-0,045	0,304
CHR5	1960725	CHR5:1960725	SSF x Near_LoA	-7,79180402	-0,052	0,329
CHR5	2E+07	CHR5:19608782	SSF x Near_LoA	-7,92162967	0,104	0,322
CHR5	2E+07	CHR5:19608845	SSF x Near_LoA	-4,45296721	-0,034	0,309
CHR5	2E+07	CHR5:19608860	SSF x Near_LoA	-10,1955983	-0,031	0,299
CHR5	2E+07	CHR5:19608960	SSF x Near_LoA	-6,14312064	0,103	0,313
CHR5	2E+07	CHR5:19633204	SSF x Near_LoA	-10,0260635	-0,031	0,308
CHR5	2E+07	CHR5:19633217	SSF x Near_LoA	-11,5792783	-0,053	0,295
CHR5	2E+07	CHR5:19633241	SSF x Near_LoA	-11,1019536	0,042	0,323
CHR5	2E+07	CHR5:19634799	SSF x Near_LoA	-10,7400309	0,063	0,307
CHR5	2E+07	CHR5:19635188	SSF x Near_LoA	-7,98433469	0,153	0,302

CHR5	2E+07	CHR5:19635302	SSF x Near_LoA	-5,58652168	0,087	0,307
CHR5	2E+07	CHR5:19637328	SSF x Near_LoA	-6,76567647	-0,116	0,296
CHR5	2E+07	CHR5:19637329	SSF x Near_LoA	-7,87244999	0,065	0,308
CHR5	2E+07	CHR5:19637361	SSF x Near_LoA	-10,6177387	-0,010	0,318
CHR5	2E+07	CHR5:19643093	SSF x Near_LoA	-10,3878104	0,094	0,302
CHR5	2E+07	CHR5:19643097	SSF x Near_LoA	-7,66905177	0,044	0,300
CHR5	2E+07	CHR5:19643191	SSF x Near_LoA	7,7184781	-0,144	0,297
CHR5	2E+07	CHR5:19643220	SSF x Near_LoA	-7,43197119	0,136	0,300
CHR5	2E+07	CHR5:19646285	SSF x Near_LoA	-10,154423	-0,011	0,321
CHR5	2E+07	CHR5:19646286	SSF x Near_LoA	-10,832113	0,002	0,314
CHR5	2E+07	CHR5:19651182	SSF x Near_LoA	-6,9631308	-0,065	0,295
CHR5	2E+07	CHR5:19651194	SSF x Near_LoA	-8,41720925	0,060	0,302
CHR5	2E+07	CHR5:19651209	SSF x Near_LoA	-8,85876571	-0,013	0,292
CHR5	2E+07	CHR5:19651283	SSF x Near_LoA	-7,5378045	-0,144	0,294
CHR5	2E+07	CHR5:19663892	SSF x Near_LoA	-8,80946232	0,011	0,298
CHR5	2E+07	CHR5:19663917	SSF x Near_LoA	-10,157893	0,060	0,306
CHR5	2E+07	CHR5:19664095	SSF x Near_LoA	-10,34387	0,090	0,301
CHR5	2E+07	CHR5:19664128	SSF x Near_LoA	-9,70917633	0,080	0,312
CHR5	2E+07	CHR5:19664134	SSF x Near_LoA	-10,8464265	0,098	0,301
CHR5	2E+07	CHR5:19664184	SSF x Near_LoA	-8,51645811	0,042	0,315
CHR5	2E+07	CHR5:19667664	SSF x Near_LoA	-9,25123706	-0,050	0,319
CHR5	2E+07	CHR5:19667685	SSF x Near_LoA	-8,1872129	0,029	0,308
CHR5	2E+07	CHR5:19667727	SSF x Near_LoA	-8,76067539	-0,034	0,318
CHR5	2E+07	CHR5:19667753	SSF x Near_LoA	-7,97634579	0,085	0,312
CHR5	2E+07	CHR5:19667795	SSF x Near_LoA	-7,69877483	0,051	0,306
CHR5	2E+07	CHR5:19667802	SSF x Near_LoA	-7,56409176	-0,072	0,303
CHR5	2E+07	CHR5:19676505	SSF x Near_LoA	-7,90225539	-0,202	0,292
CHR5	2E+07	CHR5:19676512	SSF x Near_LoA	-8,62455014	-0,201	0,279
CHR5	2E+07	CHR5:19676558	SSF x Near_LoA	-10,5181042	0,011	0,310
CHR5	2E+07	CHR5:19676584	SSF x Near_LoA	-9,26786103	-0,090	0,314
CHR5	1968248	CHR5:1968248	SSF x Near_LoA	-10,4134508	0,013	0,302
CHR5	1968279	CHR5:1968279	SSF x Near_LoA	-7,16181002	-0,152	0,299
CHR5	2E+07	CHR5:19684392	SSF x Near_LoA	-7,23518772	0,025	0,298
CHR5	2E+07	CHR5:19684415	SSF x Near_LoA	-9,39259143	-0,071	0,320
CHR5	2E+07	CHR5:19684448	SSF x Near_LoA	-10,0899005	0,020	0,317
CHR5	2E+07	CHR5:19684588	SSF x Near_LoA	-12,8695232	0,053	0,293
CHR5	2E+07	CHR5:19684589	SSF x Near_LoA	-11,138298	0,091	0,312
CHR5	2E+07	CHR5:19684591	SSF x Near_LoA	-12,26563	0,038	0,303
CHR5	2E+07	CHR5:19684594	SSF x Near_LoA	-11,4215256	0,074	0,289
CHR5	2E+07	CHR5:19705162	SSF x Near_LoA	-9,89543071	0,070	0,313
CHR5	2E+07	CHR5:19705174	SSF x Near_LoA	-10,4617348	-0,034	0,302
CHR5	2E+07	CHR5:19705211	SSF x Near_LoA	-6,62147786	0,022	0,300
CHR5	2E+07	CHR5:19705231	SSF x Near_LoA	-9,05991732	-0,024	0,303
CHR5	2E+07	CHR5:19705237	SSF x Near_LoA	-9,92403851	0,007	0,308
CHR5	2E+07	CHR5:19705241	SSF x Near_LoA	-10,8422066	-0,054	0,301
CHR5	2E+07	CHR5:19705263	SSF x Near_LoA	-10,775331	-0,059	0,297
CHR5	2E+07	CHR5:19705274	SSF x Near_LoA	-8,19130119	-0,005	0,299
CHR5	2E+07	CHR5:19705296	SSF x Near_LoA	-9,37368661	-0,030	0,303
CHR5	2E+07	CHR5:19705298	SSF x Near_LoA	-8,97880769	0,047	0,311
CHR5	2E+07	CHR5:19705310	SSF x Near_LoA	-10,7887327	0,010	0,303
CHR5	2E+07	CHR5:19705343	SSF x Near_LoA	-10,2033791	0,003	0,303
CHR5	1970625	CHR5:1970625	SSF x Near_LoA	-9,8782416	-0,031	0,316
CHR5	1970647	CHR5:1970647	SSF x Near_LoA	-9,80429905	-0,058	0,313

CHR5	1970694	CHR5:1970694	SSF x Near_LoA	-8,97463455	0,149	0,291
CHR5	2E+07	CHR5:19708604	SSF x Near_LoA	-10,0246451	-0,034	0,319
CHR5	2E+07	CHR5:19708607	SSF x Near_LoA	-11,8830636	-0,045	0,302
CHR5	2E+07	CHR5:19711648	SSF x Near_LoA	-11,0575425	0,056	0,307
CHR5	2E+07	CHR5:19712776	SSF x Near_LoA	-9,09202339	0,041	0,290
CHR5	2E+07	CHR5:19712798	SSF x Near_LoA	-9,67431724	-0,012	0,307
CHR5	1971420	CHR5:1971420	SSF x Near_LoA	-9,69652936	-0,062	0,289
CHR5	2E+07	CHR5:19717965	SSF x Near_LoA	-6,11660125	0,160	0,308
CHR5	2E+07	CHR5:19718105	SSF x Near_LoA	-2,60807078	-0,149	0,296
CHR5	2E+07	CHR5:19718157	SSF x Near_LoA	-10,1512511	-0,038	0,306
CHR5	2E+07	CHR5:19721887	SSF x Near_LoA	-3,74226744	-0,145	0,298
CHR5	2E+07	CHR5:19721930	SSF x Near_LoA	-7,13437839	-0,129	0,295
CHR5	2E+07	CHR5:19721996	SSF x Near_LoA	-9,69632868	-0,069	0,310
CHR5	2E+07	CHR5:19721997	SSF x Near_LoA	-9,66788628	-0,034	0,325
CHR5	2E+07	CHR5:19729288	SSF x Near_LoA	-9,03887534	0,033	0,298
CHR5	2E+07	CHR5:19737643	SSF x Near_LoA	-10,9172406	0,033	0,300
CHR5	2E+07	CHR5:19737679	SSF x Near_LoA	-9,35304121	-0,036	0,311
CHR5	2E+07	CHR5:19737698	SSF x Near_LoA	-10,4528156	0,008	0,315
CHR5	1973955	CHR5:1973955	SSF x Near_LoA	-9,08891865	0,067	0,305
CHR5	2E+07	CHR5:19742088	SSF x Near_LoA	-9,62214932	0,065	0,301
CHR5	2E+07	CHR5:19767545	SSF x Near_LoA	-8,31765815	-0,043	0,302
CHR5	2E+07	CHR5:19767707	SSF x Near_LoA	-9,71277741	0,087	0,301
CHR5	2E+07	CHR5:19770058	SSF x Near_LoA	-8,70224116	0,049	0,318
CHR5	2E+07	CHR5:19770065	SSF x Near_LoA	-10,2751217	0,021	0,311
CHR5	2E+07	CHR5:19770087	SSF x Near_LoA	-8,27609029	0,068	0,308
CHR5	2E+07	CHR5:19770135	SSF x Near_LoA	-7,47429361	-0,177	0,296
CHR5	2E+07	CHR5:19770150	SSF x Near_LoA	-8,69470123	-0,074	0,303
CHR5	2E+07	CHR5:19770172	SSF x Near_LoA	-7,63575884	-0,075	0,312
CHR5	2E+07	CHR5:19770211	SSF x Near_LoA	-11,0422104	0,042	0,301
CHR5	2E+07	CHR5:19770237	SSF x Near_LoA	-9,18774047	-0,048	0,312
CHR5	2E+07	CHR5:19773317	SSF x Near_LoA	-8,03304131	-0,066	0,304
CHR5	2E+07	CHR5:19773321	SSF x Near_LoA	-7,46855052	-0,030	0,297
CHR5	2E+07	CHR5:19777188	SSF x Near_LoA	-8,83927783	-0,142	0,299
CHR5	2E+07	CHR5:19777211	SSF x Near_LoA	-7,85577914	0,103	0,309
CHR5	2E+07	CHR5:19777386	SSF x Near_LoA	-7,61293396	0,067	0,303
CHR5	2E+07	CHR5:19777387	SSF x Near_LoA	-7,69471545	0,122	0,303
CHR5	2E+07	CHR5:19779776	SSF x Near_LoA	-9,21122745	0,054	0,313
CHR5	2E+07	CHR5:19779849	SSF x Near_LoA	-9,64808705	-0,024	0,301
CHR5	2E+07	CHR5:19779892	SSF x Near_LoA	-11,0027396	-0,052	0,304
CHR5	2E+07	CHR5:19779903	SSF x Near_LoA	-6,6577751	-0,010	0,303
CHR5	2E+07	CHR5:19784118	SSF x Near_LoA	-11,7170234	0,050	0,305
CHR5	2E+07	CHR5:19784203	SSF x Near_LoA	-11,4947144	0,006	0,313
CHR5	2E+07	CHR5:19785177	SSF x Near_LoA	-11,0794162	0,015	0,304
CHR5	2E+07	CHR5:19785346	SSF x Near_LoA	-11,3551337	0,016	0,313
CHR5	2E+07	CHR5:19789073	SSF x Near_LoA	-11,5579738	-0,065	0,319
CHR5	2E+07	CHR5:19789074	SSF x Near_LoA	-10,9804751	-0,046	0,310
CHR5	2E+07	CHR5:19789081	SSF x Near_LoA	-8,30666769	-0,030	0,302
CHR5	2E+07	CHR5:19789124	SSF x Near_LoA	-11,4428159	0,041	0,315
CHR5	2E+07	CHR5:19789164	SSF x Near_LoA	-11,461877	-0,022	0,302
CHR5	1979031	CHR5:1979031	SSF x Near_LoA	-10,1772663	-0,074	0,313
CHR5	2E+07	CHR5:19790380	SSF x Near_LoA	-7,11109766	-0,048	0,308
CHR5	2E+07	CHR5:19790412	SSF x Near_LoA	-7,0310691	-0,064	0,310
CHR5	1979072	CHR5:1979072	SSF x Near_LoA	-6,78465912	0,162	0,279

CHR5	1979075	CHR5:1979075	SSF x Near_LoA	-7,79931413	-0,073	0,313
CHR5	1979159	CHR5:1979159	SSF x Near_LoA	-10,7367324	0,116	0,294
CHR5	2E+07	CHR5:19802517	SSF x Near_LoA	-9,97744274	-0,030	0,303
CHR5	2E+07	CHR5:19802521	SSF x Near_LoA	-6,62521012	-0,148	0,303
CHR5	2E+07	CHR5:19802545	SSF x Near_LoA	-7,41255566	0,040	0,304
CHR5	2E+07	CHR5:19802565	SSF x Near_LoA	-9,62777677	0,027	0,312
CHR5	1980506	CHR5:1980506	SSF x Near_LoA	-7,7374243	-0,019	0,305
CHR5	1980581	CHR5:1980581	SSF x Near_LoA	-9,29750154	0,001	0,307
CHR5	1980648	CHR5:1980648	SSF x Near_LoA	-7,42056177	0,069	0,307
CHR5	1980653	CHR5:1980653	SSF x Near_LoA	-8,43640505	0,072	0,305
CHR5	1980656	CHR5:1980656	SSF x Near_LoA	-9,4914055	0,049	0,305
CHR5	2E+07	CHR5:19808944	SSF x Near_LoA	-10,5691581	0,047	0,312
CHR5	2E+07	CHR5:19808980	SSF x Near_LoA	-10,0604317	0,040	0,309
CHR5	2E+07	CHR5:19809123	SSF x Near_LoA	-9,91637399	0,099	0,321
CHR5	2E+07	CHR5:19812836	SSF x Near_LoA	-11,5873433	-0,028	0,304
CHR5	2E+07	CHR5:19812982	SSF x Near_LoA	-11,5537725	-0,069	0,304
CHR5	2E+07	CHR5:19813069	SSF x Near_LoA	-12,1288845	-0,015	0,306
CHR5	2E+07	CHR5:19814299	SSF x Near_LoA	-8,32004011	0,077	0,293
CHR5	2E+07	CHR5:19814325	SSF x Near_LoA	-5,64886788	0,265	0,278
CHR5	2E+07	CHR5:19814359	SSF x Near_LoA	-9,0300591	-0,024	0,313
CHR5	2E+07	CHR5:19814405	SSF x Near_LoA	-8,49397105	-0,082	0,320
CHR5	2E+07	CHR5:19814423	SSF x Near_LoA	-6,47949379	0,119	0,306
CHR5	2E+07	CHR5:19814492	SSF x Near_LoA	-11,4242673	0,029	0,299
CHR5	2E+07	CHR5:19814536	SSF x Near_LoA	-7,31076511	0,090	0,313
CHR5	2E+07	CHR5:19816192	SSF x Near_LoA	-8,2190673	-0,172	0,284
CHR5	2E+07	CHR5:19823328	SSF x Near_LoA	-10,2903745	-0,075	0,300
CHR5	2E+07	CHR5:19826137	SSF x Near_LoA	-8,38447325	-0,104	0,309
CHR5	2E+07	CHR5:19826145	SSF x Near_LoA	-10,1814161	-0,034	0,303
CHR5	2E+07	CHR5:19826173	SSF x Near_LoA	-11,9070639	0,074	0,297
CHR5	2E+07	CHR5:19826191	SSF x Near_LoA	-8,90797048	-0,057	0,324
CHR5	2E+07	CHR5:19826227	SSF x Near_LoA	-11,3154398	-0,135	0,299
CHR5	2E+07	CHR5:19826561	SSF x Near_LoA	-6,48227097	-0,067	0,311
CHR5	2E+07	CHR5:19827603	SSF x Near_LoA	-11,8207084	-0,002	0,303
CHR5	2E+07	CHR5:19827616	SSF x Near_LoA	-10,6260821	0,057	0,309
CHR5	2E+07	CHR5:19827814	SSF x Near_LoA	-11,0778919	0,111	0,299
CHR5	2E+07	CHR5:19835074	SSF x Near_LoA	-11,0754175	-0,008	0,320
CHR5	2E+07	CHR5:19835950	SSF x Near_LoA	-10,2966763	0,072	0,306
CHR5	2E+07	CHR5:19835980	SSF x Near_LoA	-10,6185846	0,041	0,301
CHR5	2E+07	CHR5:19839901	SSF x Near_LoA	-9,02999568	-0,037	0,318
CHR5	2E+07	CHR5:19839903	SSF x Near_LoA	-10,1305592	-0,020	0,298
CHR5	2E+07	CHR5:19839961	SSF x Near_LoA	-9,88603079	-0,072	0,324
CHR5	2E+07	CHR5:19840012	SSF x Near_LoA	-7,15828231	-0,153	0,312
CHR5	2E+07	CHR5:19840084	SSF x Near_LoA	-8,42664723	-0,096	0,298
CHR5	2E+07	CHR5:19840087	SSF x Near_LoA	-9,72253926	0,099	0,317
CHR5	2E+07	CHR5:19840101	SSF x Near_LoA	-9,92546172	-0,005	0,310
CHR5	2E+07	CHR5:19840113	SSF x Near_LoA	-9,31640348	0,056	0,290
CHR5	2E+07	CHR5:19843611	SSF x Near_LoA	-9,59472179	-0,027	0,301
CHR5	2E+07	CHR5:19851641	SSF x Near_LoA	-4,96259211	0,187	0,300
CHR5	2E+07	CHR5:19851833	SSF x Near_LoA	-10,8619112	-0,037	0,307
CHR5	2E+07	CHR5:19851836	SSF x Near_LoA	-9,67442805	0,052	0,308
CHR5	2E+07	CHR5:19855931	SSF x Near_LoA	-10,6842666	-0,061	0,296
CHR5	2E+07	CHR5:19855957	SSF x Near_LoA	-8,16522167	0,029	0,323
CHR5	2E+07	CHR5:19855995	SSF x Near_LoA	-11,0221845	-0,050	0,309

CHR5	2E+07	CHR5:19856013	SSF x Near_LoA	-6,34072152	0,150	0,301
CHR5	2E+07	CHR5:19856024	SSF x Near_LoA	-9,17489801	0,014	0,321
CHR5	2E+07	CHR5:19861725	SSF x Near_LoA	-10,4295268	0,024	0,312
CHR5	2E+07	CHR5:19861744	SSF x Near_LoA	-8,55340344	0,070	0,288
CHR5	2E+07	CHR5:19861762	SSF x Near_LoA	-9,95446926	-0,005	0,307
CHR5	2E+07	CHR5:19861791	SSF x Near_LoA	-9,27749356	0,010	0,295
CHR5	2E+07	CHR5:19861799	SSF x Near_LoA	-8,10482108	-0,050	0,300
CHR5	2E+07	CHR5:19861801	SSF x Near_LoA	-10,1993657	0,121	0,296
CHR5	2E+07	CHR5:19861918	SSF x Near_LoA	-9,13989759	0,018	0,308
CHR5	2E+07	CHR5:19871049	SSF x Near_LoA	-12,3999821	-0,005	0,306
CHR5	2E+07	CHR5:19875739	SSF x Near_LoA	-6,82994144	-0,181	0,305
CHR5	2E+07	CHR5:19875753	SSF x Near_LoA	-8,36319963	-0,087	0,309
CHR5	2E+07	CHR5:19875846	SSF x Near_LoA	-8,67143622	-0,046	0,307
CHR5	2E+07	CHR5:19875877	SSF x Near_LoA	-9,54057295	0,036	0,315
CHR5	2E+07	CHR5:19875944	SSF x Near_LoA	-10,3249464	0,100	0,308
CHR5	2E+07	CHR5:19875971	SSF x Near_LoA	-9,16116939	-0,148	0,302
CHR5	2E+07	CHR5:19875996	SSF x Near_LoA	-11,2188384	-0,062	0,311
CHR5	2E+07	CHR5:19875998	SSF x Near_LoA	-10,5889508	0,125	0,308
CHR5	2E+07	CHR5:19878046	SSF x Near_LoA	-11,2813259	0,017	0,308
CHR5	2E+07	CHR5:19878059	SSF x Near_LoA	-10,2790635	-0,072	0,306
CHR5	2E+07	CHR5:19878084	SSF x Near_LoA	-9,38303344	-0,135	0,306
CHR5	2E+07	CHR5:19878256	SSF x Near_LoA	-7,44239451	0,058	0,308
CHR5	2E+07	CHR5:19878266	SSF x Near_LoA	-10,358855	-0,048	0,309
CHR5	2E+07	CHR5:19887618	SSF x Near_LoA	-10,149853	0,064	0,301
CHR5	2E+07	CHR5:19887625	SSF x Near_LoA	-8,46083336	-0,076	0,298
CHR5	2E+07	CHR5:19887664	SSF x Near_LoA	-4,75851995	0,179	0,284
CHR5	2E+07	CHR5:19887669	SSF x Near_LoA	-10,8175894	0,008	0,300
CHR5	2E+07	CHR5:19887716	SSF x Near_LoA	1,44651079	-0,010	0,300
CHR5	2E+07	CHR5:19889156	SSF x Near_LoA	-9,90322659	0,014	0,303
CHR5	2E+07	CHR5:19889190	SSF x Near_LoA	-9,44751643	0,087	0,283
CHR5	2E+07	CHR5:19889212	SSF x Near_LoA	-11,1159723	0,022	0,313
CHR5	2E+07	CHR5:19889253	SSF x Near_LoA	-10,9472022	-0,007	0,309
CHR5	2E+07	CHR5:19889362	SSF x Near_LoA	-10,8278688	-0,040	0,304
CHR5	2E+07	CHR5:19894086	SSF x Near_LoA	-9,68017897	0,024	0,308
CHR5	2E+07	CHR5:19894149	SSF x Near_LoA	-8,62034599	0,023	0,299
CHR5	2E+07	CHR5:19894162	SSF x Near_LoA	-10,7989938	0,090	0,302
CHR5	2E+07	CHR5:19894257	SSF x Near_LoA	-11,2207045	-0,007	0,295
CHR5	2E+07	CHR5:19896936	SSF x Near_LoA	-10,1025701	0,020	0,300
CHR5	2E+07	CHR5:19896942	SSF x Near_LoA	-9,78158816	0,080	0,311
CHR5	2E+07	CHR5:19896987	SSF x Near_LoA	-7,47843223	-0,001	0,301
CHR5	2E+07	CHR5:19897066	SSF x Near_LoA	-11,9138048	-0,002	0,303
CHR5	2E+07	CHR5:19911485	SSF x Near_LoA	-8,52748243	0,001	0,306
CHR5	2E+07	CHR5:19911491	SSF x Near_LoA	-10,4589164	0,019	0,295
CHR5	2E+07	CHR5:19911492	SSF x Near_LoA	-10,6382777	-0,005	0,289
CHR5	2E+07	CHR5:19911523	SSF x Near_LoA	-8,78849157	-0,116	0,295
CHR5	2E+07	CHR5:19911526	SSF x Near_LoA	-10,7199434	0,049	0,309
CHR5	2E+07	CHR5:19911536	SSF x Near_LoA	-8,17208824	-0,059	0,307
CHR5	2E+07	CHR5:19921966	SSF x Near_LoA	-9,48134341	-0,046	0,313
CHR5	2E+07	CHR5:19928760	SSF x Near_LoA	-9,92435963	-0,090	0,299
CHR5	2E+07	CHR5:19929855	SSF x Near_LoA	-9,24827318	-0,020	0,307
CHR5	2E+07	CHR5:19929917	SSF x Near_LoA	-11,6197421	-0,056	0,316
CHR5	2E+07	CHR5:19929921	SSF x Near_LoA	-10,3677348	-0,065	0,316
CHR5	2E+07	CHR5:19932984	SSF x Near_LoA	-7,79879521	0,001	0,309

CHR5	2E+07	CHR5:19933176	SSF x Near_LoA	-9,52404917	0,004	0,321
CHR5	2E+07	CHR5:19933258	SSF x Near_LoA	-10,0935125	0,055	0,310
CHR5	2E+07	CHR5:19944668	SSF x Near_LoA	-7,02979312	-0,004	0,307
CHR5	2E+07	CHR5:19944698	SSF x Near_LoA	-8,36781496	-0,008	0,302
CHR5	2E+07	CHR5:19958275	SSF x Near_LoA	-8,50411845	0,174	0,298
CHR5	1999041	CHR5:1999041	SSF x Near_LoA	-9,85553017	0,031	0,309
CHR5	2E+07	CHR5:19996378	SSF x Near_LoA	-7,84625508	0,076	0,316
CHR5	2E+07	CHR5:19996397	SSF x Near_LoA	-10,1608415	-0,004	0,303
CHR5	2E+07	CHR5:19997708	SSF x Near_LoA	-8,09730914	-0,056	0,314
CHR5	2E+07	CHR5:19997717	SSF x Near_LoA	-10,8232826	0,073	0,305
CHR5	2E+07	CHR5:19997719	SSF x Near_LoA	-9,30311739	-0,077	0,311
CHR5	2E+07	CHR5:20005893	SSF x Near_LoA	-10,4041596	-0,051	0,320
CHR5	2E+07	CHR5:20005952	SSF x Near_LoA	-10,6756557	0,052	0,307
CHR5	2E+07	CHR5:20006220	SSF x Near_LoA	-2,77286047	0,172	0,308
CHR5	2E+07	CHR5:20006255	SSF x Near_LoA	-10,7922595	0,076	0,302
CHR5	2E+07	CHR5:20012596	SSF x Near_LoA	-9,24853142	-0,079	0,316
CHR5	2E+07	CHR5:20013107	SSF x Near_LoA	-9,8982401	-0,018	0,312
CHR5	2E+07	CHR5:20013113	SSF x Near_LoA	-11,6515867	0,011	0,310
CHR5	2E+07	CHR5:20014209	SSF x Near_LoA	-9,73197979	-0,091	0,312
CHR5	2E+07	CHR5:20014340	SSF x Near_LoA	-9,38326278	-0,042	0,299
CHR5	2001642	CHR5:2001642	SSF x Near_LoA	-7,46546581	0,032	0,303
CHR5	2001652	CHR5:2001652	SSF x Near_LoA	-9,17678783	0,025	0,296
CHR5	2001725	CHR5:2001725	SSF x Near_LoA	-3,72690781	0,173	0,294
CHR5	2E+07	CHR5:20029489	SSF x Near_LoA	-7,82197131	0,014	0,309
CHR5	2E+07	CHR5:20029643	SSF x Near_LoA	-4,59927183	-0,120	0,321
CHR5	2E+07	CHR5:20029656	SSF x Near_LoA	-9,27033202	-0,006	0,289
CHR5	2E+07	CHR5:20029660	SSF x Near_LoA	-9,48574933	0,091	0,292
CHR5	2E+07	CHR5:20029773	SSF x Near_LoA	-6,07451519	-0,116	0,302
CHR5	2003712	CHR5:2003712	SSF x Near_LoA	-8,36931656	-0,019	0,312
CHR5	2E+07	CHR5:20038823	SSF x Near_LoA	-10,4817277	-0,041	0,310
CHR5	2E+07	CHR5:20038887	SSF x Near_LoA	-10,464132	0,044	0,306
CHR5	2E+07	CHR5:20041561	SSF x Near_LoA	-4,99573665	0,025	0,308
CHR5	2E+07	CHR5:20041609	SSF x Near_LoA	-8,65602731	0,037	0,308
CHR5	2E+07	CHR5:20041676	SSF x Near_LoA	-11,2354532	-0,018	0,314
CHR5	2E+07	CHR5:20041709	SSF x Near_LoA	-8,04682764	-0,041	0,310
CHR5	2E+07	CHR5:20041710	SSF x Near_LoA	-9,55175511	-0,011	0,312
CHR5	2E+07	CHR5:20055616	SSF x Near_LoA	-11,0211334	-0,032	0,303
CHR5	2E+07	CHR5:20055752	SSF x Near_LoA	-7,26719313	-0,040	0,317
CHR5	2E+07	CHR5:20055784	SSF x Near_LoA	-7,27032088	-0,088	0,303
CHR5	2E+07	CHR5:20055823	SSF x Near_LoA	-8,38362694	-0,075	0,302
CHR5	2E+07	CHR5:20055824	SSF x Near_LoA	-6,87733745	-0,067	0,309
CHR5	2E+07	CHR5:20060523	SSF x Near_LoA	-10,8432394	-0,052	0,321
CHR5	2006504	CHR5:2006504	SSF x Near_LoA	-8,81176555	0,026	0,326
CHR5	2006545	CHR5:2006545	SSF x Near_LoA	-6,55368556	-0,041	0,327
CHR5	2E+07	CHR5:20078051	SSF x Near_LoA	-10,4525997	-0,032	0,309
CHR5	2E+07	CHR5:20078124	SSF x Near_LoA	-6,38493246	-0,007	0,319
CHR5	2E+07	CHR5:20078175	SSF x Near_LoA	-10,0955761	0,007	0,311
CHR5	2E+07	CHR5:20078237	SSF x Near_LoA	-8,92689494	-0,059	0,308
CHR5	2E+07	CHR5:20083829	SSF x Near_LoA	-8,16235693	-0,122	0,298
CHR5	2E+07	CHR5:20083990	SSF x Near_LoA	-10,3760002	-0,053	0,314
CHR5	2E+07	CHR5:20084065	SSF x Near_LoA	-10,0762799	-0,099	0,317
CHR5	2E+07	CHR5:20094563	SSF x Near_LoA	-8,65960609	-0,021	0,304
CHR5	2E+07	CHR5:20094589	SSF x Near_LoA	-7,42859975	-0,069	0,317

CHR5	2E+07	CHR5:20094736	SSF x Near_LoA	-8,76593513	0,054	0,309
CHR5	2E+07	CHR5:20094739	SSF x Near_LoA	-7,79902585	0,084	0,296
CHR5	2E+07	CHR5:20099989	SSF x Near_LoA	-9,71615039	0,051	0,307
CHR5	2E+07	CHR5:20100026	SSF x Near_LoA	-10,1325701	0,013	0,291
CHR5	2E+07	CHR5:20100899	SSF x Near_LoA	-8,82033571	-0,051	0,311
CHR5	2E+07	CHR5:20116576	SSF x Near_LoA	-9,92540775	-0,064	0,304
CHR5	2E+07	CHR5:20116812	SSF x Near_LoA	-11,8414192	0,014	0,291
CHR5	2E+07	CHR5:20124504	SSF x Near_LoA	-9,62912736	-0,011	0,303
CHR5	2E+07	CHR5:20124515	SSF x Near_LoA	-10,1211658	-0,031	0,310
CHR5	2E+07	CHR5:20125424	SSF x Near_LoA	-8,30019833	-0,031	0,311
CHR5	2E+07	CHR5:20131054	SSF x Near_LoA	-8,51487091	0,047	0,306
CHR5	2E+07	CHR5:20131069	SSF x Near_LoA	-10,531488	-0,058	0,299
CHR5	2E+07	CHR5:20131122	SSF x Near_LoA	-9,92632423	0,057	0,302
CHR5	2E+07	CHR5:20131136	SSF x Near_LoA	-11,270757	0,032	0,308
CHR5	2E+07	CHR5:20131198	SSF x Near_LoA	-8,35042746	-0,010	0,311
CHR5	2E+07	CHR5:20133648	SSF x Near_LoA	-9,14387016	0,106	0,298
CHR5	2E+07	CHR5:20133749	SSF x Near_LoA	-9,31746617	0,035	0,318
CHR5	2E+07	CHR5:20139092	SSF x Near_LoA	-9,9315599	0,113	0,310
CHR5	2E+07	CHR5:20139135	SSF x Near_LoA	-10,4852027	-0,041	0,312
CHR5	2E+07	CHR5:20139194	SSF x Near_LoA	-9,99725435	-0,077	0,312
CHR5	2E+07	CHR5:20139223	SSF x Near_LoA	-10,0699152	-0,066	0,315
CHR5	2E+07	CHR5:20139233	SSF x Near_LoA	-7,85959274	-0,045	0,304
CHR5	2E+07	CHR5:20159546	SSF x Near_LoA	-9,13178045	0,015	0,297
CHR5	2E+07	CHR5:20159624	SSF x Near_LoA	-11,4574861	0,050	0,306
CHR5	2E+07	CHR5:20159641	SSF x Near_LoA	-10,1144083	0,083	0,293
CHR5	2E+07	CHR5:20159651	SSF x Near_LoA	-10,9723213	-0,037	0,296
CHR5	2E+07	CHR5:20167385	SSF x Near_LoA	-8,30784397	0,035	0,297
CHR5	2E+07	CHR5:20167477	SSF x Near_LoA	-8,65216636	-0,020	0,306
CHR5	2E+07	CHR5:20167525	SSF x Near_LoA	-7,02654186	-0,077	0,311
CHR5	2E+07	CHR5:20175642	SSF x Near_LoA	-10,0710932	0,021	0,316
CHR5	2E+07	CHR5:20175674	SSF x Near_LoA	-8,41471433	-0,135	0,307
CHR5	2E+07	CHR5:20179082	SSF x Near_LoA	-9,66524613	0,010	0,312
CHR5	2E+07	CHR5:20179091	SSF x Near_LoA	-4,37069334	0,028	0,322
CHR5	2E+07	CHR5:20179233	SSF x Near_LoA	-8,50771576	-0,033	0,306
CHR5	2E+07	CHR5:20184822	SSF x Near_LoA	-10,71949	-0,025	0,313
CHR5	2E+07	CHR5:20207468	SSF x Near_LoA	-8,02156531	-0,158	0,305
CHR5	2E+07	CHR5:20207536	SSF x Near_LoA	-9,05421201	-0,002	0,312
CHR5	2E+07	CHR5:20207644	SSF x Near_LoA	-8,17912241	-0,109	0,299
CHR5	2E+07	CHR5:20207670	SSF x Near_LoA	-11,4814874	0,059	0,312
CHR5	2E+07	CHR5:20207672	SSF x Near_LoA	-10,2849413	0,066	0,296
CHR5	2E+07	CHR5:20207676	SSF x Near_LoA	-11,5989225	-0,045	0,302
CHR5	2021772	CHR5:2021772	SSF x Near_LoA	-9,71121461	0,022	0,314
CHR5	2021775	CHR5:2021775	SSF x Near_LoA	-8,91855734	0,004	0,303
CHR5	2021844	CHR5:2021844	SSF x Near_LoA	-10,8072528	-0,016	0,311
CHR5	2E+07	CHR5:20227825	SSF x Near_LoA	-4,92240865	-0,090	0,314
CHR5	2E+07	CHR5:20230289	SSF x Near_LoA	-10,2163688	-0,063	0,316
CHR5	2E+07	CHR5:20230356	SSF x Near_LoA	-12,0289692	-0,039	0,297
CHR5	2E+07	CHR5:20231358	SSF x Near_LoA	-11,6290329	-0,057	0,311
CHR5	2E+07	CHR5:20232685	SSF x Near_LoA	-10,3975505	-0,065	0,317
CHR5	2E+07	CHR5:20232763	SSF x Near_LoA	-10,4493189	-0,116	0,300
CHR5	2E+07	CHR5:20234126	SSF x Near_LoA	-9,62916202	0,083	0,307
CHR5	2E+07	CHR5:20244011	SSF x Near_LoA	-6,29110568	0,151	0,313
CHR5	2E+07	CHR5:20254402	SSF x Near_LoA	-6,71165967	-0,069	0,318

CHR5	2E+07	CHR5:20254479	SSF x Near_LoA	-10,0716558	-0,072	0,297
CHR5	2E+07	CHR5:20254573	SSF x Near_LoA	-11,7407371	-0,060	0,305
CHR5	2E+07	CHR5:20254589	SSF x Near_LoA	-10,3938185	-0,103	0,310
CHR5	2E+07	CHR5:20254601	SSF x Near_LoA	-6,15384947	0,131	0,301
CHR5	2E+07	CHR5:20254602	SSF x Near_LoA	-10,5713372	0,035	0,310
CHR5	2E+07	CHR5:20254620	SSF x Near_LoA	-8,55178934	0,108	0,309
CHR5	2E+07	CHR5:20263964	SSF x Near_LoA	-12,5081416	-0,009	0,293
CHR5	2E+07	CHR5:20264057	SSF x Near_LoA	-7,13794104	-0,056	0,305
CHR5	2E+07	CHR5:20264062	SSF x Near_LoA	-10,7146518	-0,002	0,312
CHR5	2E+07	CHR5:20265199	SSF x Near_LoA	-10,2431866	-0,100	0,302
CHR5	2E+07	CHR5:20265200	SSF x Near_LoA	-10,6217901	-0,129	0,288
CHR5	2E+07	CHR5:20265202	SSF x Near_LoA	-10,2183882	-0,136	0,300
CHR5	2E+07	CHR5:20276737	SSF x Near_LoA	-5,38856739	0,165	0,300
CHR5	2E+07	CHR5:20276925	SSF x Near_LoA	-8,04309346	0,126	0,301
CHR5	2E+07	CHR5:20276932	SSF x Near_LoA	-7,26616354	-0,093	0,305
CHR5	2E+07	CHR5:20276953	SSF x Near_LoA	-8,5757926	0,130	0,305
CHR5	2E+07	CHR5:20276958	SSF x Near_LoA	-9,14954065	-0,106	0,290
CHR5	2E+07	CHR5:20300898	SSF x Near_LoA	-10,2426884	0,045	0,310
CHR5	2E+07	CHR5:20306972	SSF x Near_LoA	-8,37615432	0,059	0,293
CHR5	2E+07	CHR5:20306980	SSF x Near_LoA	-5,38381732	0,077	0,312
CHR5	2E+07	CHR5:20310072	SSF x Near_LoA	-2,82204023	-0,162	0,296
CHR5	2E+07	CHR5:20310225	SSF x Near_LoA	-9,46961978	-0,038	0,314
CHR5	2E+07	CHR5:20319070	SSF x Near_LoA	-11,6518129	-0,095	0,298
CHR5	2E+07	CHR5:20319147	SSF x Near_LoA	-10,286114	0,020	0,309
CHR5	2E+07	CHR5:20319290	SSF x Near_LoA	-10,2138764	-0,050	0,310
CHR5	2E+07	CHR5:20319348	SSF x Near_LoA	-9,21850938	-0,120	0,302
CHR5	2E+07	CHR5:20326692	SSF x Near_LoA	-11,6454277	-0,024	0,314
CHR5	2E+07	CHR5:20326700	SSF x Near_LoA	-7,85976911	0,031	0,307
CHR5	2E+07	CHR5:20326792	SSF x Near_LoA	-8,45173091	-0,036	0,301
CHR5	2E+07	CHR5:20334513	SSF x Near_LoA	-5,80164654	0,046	0,322
CHR5	2E+07	CHR5:20334517	SSF x Near_LoA	-11,0669689	0,038	0,309
CHR5	2E+07	CHR5:20334550	SSF x Near_LoA	-10,4673729	-0,009	0,305
CHR5	2E+07	CHR5:20334576	SSF x Near_LoA	-8,96959875	-0,034	0,318
CHR5	2E+07	CHR5:20334579	SSF x Near_LoA	-5,27911425	0,145	0,303
CHR5	2E+07	CHR5:20334822	SSF x Near_LoA	-10,9733343	0,037	0,297
CHR5	2E+07	CHR5:20334843	SSF x Near_LoA	-11,0519394	-0,019	0,306
CHR5	2E+07	CHR5:20339678	SSF x Near_LoA	-10,5987898	0,099	0,297
CHR5	2E+07	CHR5:20340000	SSF x Near_LoA	-9,21417472	0,048	0,324
CHR5	2E+07	CHR5:20349880	SSF x Near_LoA	-11,2583808	0,083	0,303
CHR5	2E+07	CHR5:20368639	SSF x Near_LoA	-1,9194836	0,116	0,306
CHR5	2E+07	CHR5:20369789	SSF x Near_LoA	-9,02134672	0,042	0,308
CHR5	2E+07	CHR5:20369808	SSF x Near_LoA	-9,25683508	0,042	0,311
CHR5	2E+07	CHR5:20369842	SSF x Near_LoA	-9,72461189	-0,127	0,300
CHR5	2039433	CHR5:2039433	SSF x Near_LoA	-3,63945238	-0,147	0,318
CHR5	2039634	CHR5:2039634	SSF x Near_LoA	-11,4067281	0,091	0,300
CHR5	2E+07	CHR5:20447072	SSF x Near_LoA	-9,84603692	0,041	0,304
CHR5	2E+07	CHR5:20448936	SSF x Near_LoA	5,58584778	-0,083	0,313
CHR5	2E+07	CHR5:20448938	SSF x Near_LoA	-8,74270255	0,085	0,307
CHR5	2E+07	CHR5:20448946	SSF x Near_LoA	-9,80102938	-0,008	0,321
CHR5	2E+07	CHR5:20449019	SSF x Near_LoA	-6,75763599	0,081	0,304
CHR5	2E+07	CHR5:20450148	SSF x Near_LoA	-8,30342839	-0,022	0,308
CHR5	2E+07	CHR5:20450158	SSF x Near_LoA	-10,3102062	-0,089	0,297
CHR5	2E+07	CHR5:20450159	SSF x Near_LoA	-9,44340849	-0,095	0,309

CHR5	2E+07	CHR5:20450174	SSF x Near_LoA	-10,5440833	-0,063	0,306
CHR5	2E+07	CHR5:20450176	SSF x Near_LoA	-10,6156991	-0,088	0,303
CHR5	2E+07	CHR5:20450186	SSF x Near_LoA	-5,95874306	0,063	0,313
CHR5	2E+07	CHR5:20450204	SSF x Near_LoA	-9,21108369	-0,076	0,297
CHR5	2E+07	CHR5:20450207	SSF x Near_LoA	-9,68187957	-0,068	0,301
CHR5	2E+07	CHR5:20450221	SSF x Near_LoA	-10,7918708	-0,044	0,312
CHR5	2E+07	CHR5:20450235	SSF x Near_LoA	-11,0575924	-0,034	0,310
CHR5	2E+07	CHR5:20450239	SSF x Near_LoA	-11,0785219	-0,045	0,306
CHR5	2E+07	CHR5:20450241	SSF x Near_LoA	-11,7700274	-0,045	0,318
CHR5	2E+07	CHR5:20450247	SSF x Near_LoA	-9,83000399	-0,025	0,303
CHR5	2E+07	CHR5:20450248	SSF x Near_LoA	-12,013853	-0,037	0,299
CHR5	2E+07	CHR5:20450251	SSF x Near_LoA	-8,8711428	-0,025	0,307
CHR5	2E+07	CHR5:20450271	SSF x Near_LoA	-11,2403216	-0,061	0,300
CHR5	2E+07	CHR5:20450277	SSF x Near_LoA	-11,4863253	-0,039	0,307
CHR5	2E+07	CHR5:20454618	SSF x Near_LoA	-10,6134266	0,069	0,298
CHR5	2E+07	CHR5:20454619	SSF x Near_LoA	-10,2947341	0,009	0,307
CHR5	2E+07	CHR5:20454622	SSF x Near_LoA	-10,1657631	0,000	0,312
CHR5	2E+07	CHR5:20457630	SSF x Near_LoA	-9,20631016	0,011	0,301
CHR5	2E+07	CHR5:20457671	SSF x Near_LoA	-9,32414107	0,075	0,295
CHR5	2E+07	CHR5:20457771	SSF x Near_LoA	-6,0482937	-0,157	0,300
CHR5	2E+07	CHR5:20457792	SSF x Near_LoA	-7,01248897	-0,148	0,299
CHR5	2E+07	CHR5:20457807	SSF x Near_LoA	-8,96314302	-0,095	0,302
CHR5	2E+07	CHR5:20457842	SSF x Near_LoA	-10,1586645	-0,102	0,309
CHR5	2046333	CHR5:2046333	SSF x Near_LoA	-9,64644192	0,031	0,302
CHR5	2046431	CHR5:2046431	SSF x Near_LoA	-10,0607461	-0,068	0,314
CHR5	2046554	CHR5:2046554	SSF x Near_LoA	-10,0506709	-0,063	0,317
CHR5	2E+07	CHR5:20469718	SSF x Near_LoA	-8,60787059	0,069	0,315
CHR5	2E+07	CHR5:20472280	SSF x Near_LoA	-11,556095	0,114	0,309
CHR5	2E+07	CHR5:20487110	SSF x Near_LoA	-7,84539289	-0,086	0,298
CHR5	2E+07	CHR5:20487187	SSF x Near_LoA	-10,7021769	-0,009	0,315
CHR5	2E+07	CHR5:20487192	SSF x Near_LoA	-7,80309248	-0,034	0,306
CHR5	2E+07	CHR5:20487229	SSF x Near_LoA	-9,72600402	-0,002	0,298
CHR5	2E+07	CHR5:20487269	SSF x Near_LoA	-8,63063273	0,064	0,315
CHR5	2E+07	CHR5:20487311	SSF x Near_LoA	-9,27754413	0,044	0,312
CHR5	2E+07	CHR5:20487332	SSF x Near_LoA	-7,19353696	-0,084	0,304
CHR5	20522426	CHR5:20522426	SSF x Near_LoA	-8,07528503	0,098	0,293
CHR5	20523740	CHR5:20523740	SSF x Near_LoA	-11,2132929	-0,024	0,306
CHR5	20523816	CHR5:20523816	SSF x Near_LoA	-7,70305215	0,138	0,294
CHR5	20523930	CHR5:20523930	SSF x Near_LoA	-9,15927317	-0,127	0,286
CHR5	20523940	CHR5:20523940	SSF x Near_LoA	-9,43979211	-0,049	0,335
CHR5	20530333	CHR5:20530333	SSF x Near_LoA	-8,29134073	-0,083	0,306
CHR5	20530436	CHR5:20530436	SSF x Near_LoA	-7,79801359	0,083	0,292
CHR5	20530471	CHR5:20530471	SSF x Near_LoA	-7,37566746	0,033	0,300
CHR5	20530508	CHR5:20530508	SSF x Near_LoA	-7,84100592	0,046	0,294
CHR5	2053885	CHR5:2053885	SSF x Near_LoA	-8,52039344	0,156	0,293
CHR5	2053887	CHR5:2053887	SSF x Near_LoA	-9,94877826	0,028	0,302
CHR5	20555472	CHR5:20555472	SSF x Near_LoA	-9,6806593	-0,008	0,310
CHR5	20555518	CHR5:20555518	SSF x Near_LoA	-10,6351337	0,043	0,316
CHR5	20555537	CHR5:20555537	SSF x Near_LoA	-10,7371606	0,016	0,326
CHR5	20555547	CHR5:20555547	SSF x Near_LoA	-0,57585382	-0,052	0,302
CHR5	20555591	CHR5:20555591	SSF x Near_LoA	-9,26635969	-0,019	0,298
CHR5	20555609	CHR5:20555609	SSF x Near_LoA	-11,5478302	0,049	0,297
CHR5	20555632	CHR5:20555632	SSF x Near_LoA	-10,2940659	0,006	0,318

CHR5	20560488	CHR5:20560488	SSF x Near_LoA	-9,72723242	0,065	0,301
CHR5	20560520	CHR5:20560520	SSF x Near_LoA	-7,62341125	0,078	0,311
CHR5	20560521	CHR5:20560521	SSF x Near_LoA	-10,2464805	0,089	0,312
CHR5	20560536	CHR5:20560536	SSF x Near_LoA	-11,0016227	0,002	0,313
CHR5	20563092	CHR5:20563092	SSF x Near_LoA	-9,91265633	0,030	0,302
CHR5	20570384	CHR5:20570384	SSF x Near_LoA	-8,40032993	0,050	0,306
CHR5	20572221	CHR5:20572221	SSF x Near_LoA	-6,00494924	0,002	0,327
CHR5	20572247	CHR5:20572247	SSF x Near_LoA	-8,73678376	0,025	0,313
CHR5	20572251	CHR5:20572251	SSF x Near_LoA	-6,84906695	0,055	0,293
CHR5	20575254	CHR5:20575254	SSF x Near_LoA	-8,80607827	-0,098	0,313
CHR5	20575280	CHR5:20575280	SSF x Near_LoA	1,90561301	-0,093	0,295
CHR5	20581260	CHR5:20581260	SSF x Near_LoA	-9,51484606	-0,075	0,316
CHR5	20585222	CHR5:20585222	SSF x Near_LoA	-10,1924817	-0,064	0,306
CHR5	20585256	CHR5:20585256	SSF x Near_LoA	-10,7629659	-0,048	0,306
CHR5	20585283	CHR5:20585283	SSF x Near_LoA	-9,79533909	-0,080	0,306
CHR5	20585346	CHR5:20585346	SSF x Near_LoA	-6,74407774	-0,092	0,311
CHR5	20591433	CHR5:20591433	SSF x Near_LoA	-8,53094726	0,005	0,311
CHR5	20596477	CHR5:20596477	SSF x Near_LoA	-10,2152978	0,071	0,294
CHR5	20610794	CHR5:20610794	SSF x Near_LoA	-8,82581372	0,091	0,324
CHR5	20611057	CHR5:20611057	SSF x Near_LoA	-10,9597579	-0,040	0,288
CHR5	20624966	CHR5:20624966	SSF x Near_LoA	-9,00489992	0,144	0,309
CHR5	20625113	CHR5:20625113	SSF x Near_LoA	-10,3621953	0,053	0,306
CHR5	20635396	CHR5:20635396	SSF x Near_LoA	-11,9762784	0,005	0,292
CHR5	20635443	CHR5:20635443	SSF x Near_LoA	-10,3809599	-0,007	0,322
CHR5	20635453	CHR5:20635453	SSF x Near_LoA	-9,88877102	0,008	0,314
CHR5	20635463	CHR5:20635463	SSF x Near_LoA	-10,1826168	-0,048	0,317
CHR5	20635493	CHR5:20635493	SSF x Near_LoA	-10,9529999	0,006	0,299
CHR5	20635508	CHR5:20635508	SSF x Near_LoA	-10,2585617	-0,066	0,296
CHR5	20635516	CHR5:20635516	SSF x Near_LoA	-10,2721045	-0,041	0,311
CHR5	20635544	CHR5:20635544	SSF x Near_LoA	-9,64551642	0,027	0,305
CHR5	20639647	CHR5:20639647	SSF x Near_LoA	-11,2131107	-0,066	0,323
CHR5	20640993	CHR5:20640993	SSF x Near_LoA	-10,7898393	-0,046	0,316
CHR5	20641020	CHR5:20641020	SSF x Near_LoA	-7,33421458	-0,066	0,317
CHR5	20641021	CHR5:20641021	SSF x Near_LoA	-8,02085096	0,001	0,312
CHR5	20647987	CHR5:20647987	SSF x Near_LoA	-10,845509	0,044	0,312
CHR5	20648160	CHR5:20648160	SSF x Near_LoA	-7,95056776	0,075	0,300
CHR5	20648162	CHR5:20648162	SSF x Near_LoA	-8,94724124	-0,144	0,291
CHR5	20650948	CHR5:20650948	SSF x Near_LoA	-11,8861775	0,060	0,315
CHR5	20652430	CHR5:20652430	SSF x Near_LoA	-4,912271	0,059	0,316
CHR5	20652455	CHR5:20652455	SSF x Near_LoA	-2,64237545	0,112	0,309
CHR5	20656058	CHR5:20656058	SSF x Near_LoA	-9,53105438	0,047	0,313
CHR5	20656100	CHR5:20656100	SSF x Near_LoA	-9,28234595	-0,054	0,310
CHR5	20656112	CHR5:20656112	SSF x Near_LoA	-10,1852088	-0,041	0,309
CHR5	20658385	CHR5:20658385	SSF x Near_LoA	-6,05551777	-0,201	0,303
CHR5	20669805	CHR5:20669805	SSF x Near_LoA	-11,4680943	-0,082	0,296
CHR5	20669872	CHR5:20669872	SSF x Near_LoA	-6,63310242	-0,073	0,319
CHR5	20669915	CHR5:20669915	SSF x Near_LoA	-11,6660097	-0,019	0,292
CHR5	20670012	CHR5:20670012	SSF x Near_LoA	-11,0924242	-0,007	0,296
CHR5	20670016	CHR5:20670016	SSF x Near_LoA	-8,96235127	0,010	0,317
CHR5	20670057	CHR5:20670057	SSF x Near_LoA	-8,98382746	-0,026	0,312
CHR5	20670062	CHR5:20670062	SSF x Near_LoA	-8,54345346	-0,015	0,311
CHR5	20684498	CHR5:20684498	SSF x Near_LoA	-11,0572129	0,098	0,301
CHR5	20684558	CHR5:20684558	SSF x Near_LoA	-6,1026036	-0,075	0,308

CHR5	20691247	CHR5:20691247	SSF x Near_LoA	-8,92438563	-0,032	0,319
CHR5	20699506	CHR5:20699506	SSF x Near_LoA	-7,59460697	0,073	0,308
CHR5	20699511	CHR5:20699511	SSF x Near_LoA	-8,52943879	-0,087	0,313
CHR5	20699615	CHR5:20699615	SSF x Near_LoA	-10,3017884	0,067	0,311
CHR5	20701159	CHR5:20701159	SSF x Near_LoA	-7,18985026	0,116	0,312
CHR5	20701204	CHR5:20701204	SSF x Near_LoA	-9,50553055	-0,006	0,306
CHR5	20701209	CHR5:20701209	SSF x Near_LoA	-10,0620609	-0,104	0,312
CHR5	20701215	CHR5:20701215	SSF x Near_LoA	-11,0871966	0,015	0,309
CHR5	20702878	CHR5:20702878	SSF x Near_LoA	-9,85988729	-0,096	0,297
CHR5	20711191	CHR5:20711191	SSF x Near_LoA	-10,1048837	0,038	0,314
CHR5	20716355	CHR5:20716355	SSF x Near_LoA	-11,5801228	0,033	0,310
CHR5	20716388	CHR5:20716388	SSF x Near_LoA	-6,24963883	0,049	0,316
CHR5	20723266	CHR5:20723266	SSF x Near_LoA	-7,77703181	0,118	0,318
CHR5	20724001	CHR5:20724001	SSF x Near_LoA	-8,62527751	0,020	0,309
CHR5	20724004	CHR5:20724004	SSF x Near_LoA	-8,47129608	0,041	0,314
CHR5	20724013	CHR5:20724013	SSF x Near_LoA	-5,81715444	0,016	0,306
CHR5	20724048	CHR5:20724048	SSF x Near_LoA	-7,63328516	0,079	0,305
CHR5	20724055	CHR5:20724055	SSF x Near_LoA	-9,28529689	0,020	0,302
CHR5	20724110	CHR5:20724110	SSF x Near_LoA	-9,5538117	0,047	0,306
CHR5	20727393	CHR5:20727393	SSF x Near_LoA	-7,65599229	0,054	0,321
CHR5	20736509	CHR5:20736509	SSF x Near_LoA	-9,18368276	-0,112	0,300
CHR5	20753471	CHR5:20753471	SSF x Near_LoA	-8,06600001	0,091	0,313
CHR5	20753527	CHR5:20753527	SSF x Near_LoA	-8,87101751	0,091	0,303
CHR5	20758151	CHR5:20758151	SSF x Near_LoA	-8,60317971	0,026	0,305
CHR5	20758166	CHR5:20758166	SSF x Near_LoA	-10,5509826	-0,136	0,296
CHR5	20759316	CHR5:20759316	SSF x Near_LoA	-8,06420642	0,087	0,306
CHR5	20759346	CHR5:20759346	SSF x Near_LoA	-9,25894352	0,048	0,303
CHR5	20759361	CHR5:20759361	SSF x Near_LoA	-9,04387387	0,004	0,294
CHR5	20762606	CHR5:20762606	SSF x Near_LoA	-8,9463479	0,000	0,299
CHR5	20762632	CHR5:20762632	SSF x Near_LoA	-9,4398007	-0,008	0,323
CHR5	20762702	CHR5:20762702	SSF x Near_LoA	-2,82451797	-0,015	0,312
CHR5	20762762	CHR5:20762762	SSF x Near_LoA	-9,52980955	0,004	0,307
CHR5	20766354	CHR5:20766354	SSF x Near_LoA	-8,73910435	-0,030	0,310
CHR5	20766371	CHR5:20766371	SSF x Near_LoA	-7,73317394	-0,093	0,311
CHR5	20766399	CHR5:20766399	SSF x Near_LoA	-6,2233449	-0,095	0,304
CHR5	20766403	CHR5:20766403	SSF x Near_LoA	-11,4687622	0,049	0,300
CHR5	20766436	CHR5:20766436	SSF x Near_LoA	-8,74996652	0,018	0,318
CHR5	20766464	CHR5:20766464	SSF x Near_LoA	-9,71754548	-0,003	0,315
CHR5	20774438	CHR5:20774438	SSF x Near_LoA	-10,8905854	0,009	0,311
CHR5	20778335	CHR5:20778335	SSF x Near_LoA	-11,1672282	-0,039	0,301
CHR5	20778403	CHR5:20778403	SSF x Near_LoA	-11,1760031	0,043	0,318
CHR5	20778512	CHR5:20778512	SSF x Near_LoA	-7,02633384	0,045	0,321
CHR5	20779571	CHR5:20779571	SSF x Near_LoA	-10,9655996	0,020	0,303
CHR5	20781315	CHR5:20781315	SSF x Near_LoA	-10,6023568	-0,105	0,301
CHR5	2078220	CHR5:2078220	SSF x Near_LoA	-7,0395909	-0,041	0,311
CHR5	20784262	CHR5:20784262	SSF x Near_LoA	-7,23495099	-0,096	0,307
CHR5	20784276	CHR5:20784276	SSF x Near_LoA	-9,80113088	-0,013	0,322
CHR5	20784343	CHR5:20784343	SSF x Near_LoA	-8,58574708	-0,020	0,309
CHR5	20785960	CHR5:20785960	SSF x Near_LoA	-10,5477492	0,052	0,306
CHR5	20785979	CHR5:20785979	SSF x Near_LoA	-9,53861382	0,074	0,311
CHR5	20786048	CHR5:20786048	SSF x Near_LoA	-10,3705675	-0,006	0,309
CHR5	20786118	CHR5:20786118	SSF x Near_LoA	-8,04864501	0,261	0,287
CHR5	20790869	CHR5:20790869	SSF x Near_LoA	-9,11441998	0,020	0,311

CHR5	20790878	CHR5:20790878	SSF x Near_LoA	-5,80215828	-0,017	0,295
CHR5	20796722	CHR5:20796722	SSF x Near_LoA	-9,1673279	0,094	0,310
CHR5	20796802	CHR5:20796802	SSF x Near_LoA	-7,93176331	0,015	0,311
CHR5	20796815	CHR5:20796815	SSF x Near_LoA	-10,9398077	0,039	0,305
CHR5	20796836	CHR5:20796836	SSF x Near_LoA	-9,95465827	-0,008	0,315
CHR5	20796838	CHR5:20796838	SSF x Near_LoA	-9,75683902	-0,033	0,298
CHR5	20796903	CHR5:20796903	SSF x Near_LoA	-9,55584698	-0,022	0,306
CHR5	20798498	CHR5:20798498	SSF x Near_LoA	-9,17557815	-0,140	0,296
CHR5	20809173	CHR5:20809173	SSF x Near_LoA	-5,90307383	0,149	0,292
CHR5	20809245	CHR5:20809245	SSF x Near_LoA	-8,16921426	0,044	0,310
CHR5	20809285	CHR5:20809285	SSF x Near_LoA	-9,21379355	-0,005	0,305
CHR5	20809313	CHR5:20809313	SSF x Near_LoA	-9,05186424	-0,034	0,304
CHR5	20809322	CHR5:20809322	SSF x Near_LoA	-11,3101783	-0,076	0,308
CHR5	20809346	CHR5:20809346	SSF x Near_LoA	-7,07931452	-0,052	0,293
CHR5	20814087	CHR5:20814087	SSF x Near_LoA	-8,91134082	-0,049	0,307
CHR5	20814191	CHR5:20814191	SSF x Near_LoA	-6,99501385	-0,145	0,298
CHR5	20828015	CHR5:20828015	SSF x Near_LoA	-10,4735022	0,003	0,308
CHR5	20828051	CHR5:20828051	SSF x Near_LoA	-9,37685248	0,022	0,311
CHR5	20828143	CHR5:20828143	SSF x Near_LoA	-9,35589429	-0,038	0,300
CHR5	20829818	CHR5:20829818	SSF x Near_LoA	-9,92769033	-0,030	0,296
CHR5	20829830	CHR5:20829830	SSF x Near_LoA	-9,53158212	-0,002	0,311
CHR5	20829839	CHR5:20829839	SSF x Near_LoA	-9,21902792	0,047	0,319
CHR5	20829843	CHR5:20829843	SSF x Near_LoA	-9,97057458	0,043	0,311
CHR5	20829853	CHR5:20829853	SSF x Near_LoA	-9,16363283	-0,022	0,318
CHR5	20829873	CHR5:20829873	SSF x Near_LoA	-9,1623432	0,003	0,320
CHR5	20829875	CHR5:20829875	SSF x Near_LoA	-8,45231279	0,015	0,302
CHR5	20834927	CHR5:20834927	SSF x Near_LoA	-10,1133643	0,044	0,310
CHR5	20861046	CHR5:20861046	SSF x Near_LoA	-9,63628675	0,008	0,302
CHR5	20861651	CHR5:20861651	SSF x Near_LoA	-10,3874719	0,079	0,310
CHR5	20861775	CHR5:20861775	SSF x Near_LoA	-10,4095922	-0,052	0,305
CHR5	20863874	CHR5:20863874	SSF x Near_LoA	-9,0098535	-0,057	0,323
CHR5	20871146	CHR5:20871146	SSF x Near_LoA	-9,51620659	0,080	0,317
CHR5	20871195	CHR5:20871195	SSF x Near_LoA	-9,62610168	0,037	0,310
CHR5	20871201	CHR5:20871201	SSF x Near_LoA	-6,31824679	0,088	0,302
CHR5	20871202	CHR5:20871202	SSF x Near_LoA	-2,86541654	0,060	0,322
CHR5	20879853	CHR5:20879853	SSF x Near_LoA	-10,3443018	0,093	0,311
CHR5	2088008	CHR5:2088008	SSF x Near_LoA	-10,6475229	0,117	0,307
CHR5	20888740	CHR5:20888740	SSF x Near_LoA	-7,21041202	-0,123	0,316
CHR5	2090808	CHR5:2090808	SSF x Near_LoA	-7,20735358	0,126	0,303
CHR5	2090823	CHR5:2090823	SSF x Near_LoA	-7,14919254	0,121	0,302
CHR5	2090828	CHR5:2090828	SSF x Near_LoA	-9,00618346	-0,045	0,308
CHR5	20924949	CHR5:20924949	SSF x Near_LoA	-8,7817991	0,042	0,289
CHR5	20960244	CHR5:20960244	SSF x Near_LoA	-8,70173492	0,000	0,315
CHR5	20966198	CHR5:20966198	SSF x Near_LoA	-9,65410202	-0,007	0,307
CHR5	20966230	CHR5:20966230	SSF x Near_LoA	-7,09707924	-0,009	0,303
CHR5	20980076	CHR5:20980076	SSF x Near_LoA	-11,3344433	0,095	0,314
CHR5	20980306	CHR5:20980306	SSF x Near_LoA	-9,82427719	0,030	0,314
CHR5	2098339	CHR5:2098339	SSF x Near_LoA	-7,73016107	0,037	0,315
CHR5	20993821	CHR5:20993821	SSF x Near_LoA	-9,77283851	-0,017	0,313
CHR5	21017374	CHR5:21017374	SSF x Near_LoA	-9,70006894	-0,097	0,301
CHR5	21018760	CHR5:21018760	SSF x Near_LoA	-8,69884345	-0,001	0,300
CHR5	21023813	CHR5:21023813	SSF x Near_LoA	-9,45673379	0,027	0,310
CHR5	21023933	CHR5:21023933	SSF x Near_LoA	-7,91295377	0,074	0,314

CHR5	21026182	CHR5:21026182	SSF x Near_LoA	-3,60356774	-0,071	0,300
CHR5	21031037	CHR5:21031037	SSF x Near_LoA	-7,47275424	-0,014	0,320
CHR5	21032378	CHR5:21032378	SSF x Near_LoA	-9,20266452	-0,034	0,304
CHR5	21033552	CHR5:21033552	SSF x Near_LoA	-8,06759942	0,105	0,303
CHR5	21033606	CHR5:21033606	SSF x Near_LoA	-8,44413691	0,022	0,310
CHR5	21033671	CHR5:21033671	SSF x Near_LoA	-0,26053111	0,028	0,313
CHR5	21044909	CHR5:21044909	SSF x Near_LoA	-8,65335266	0,089	0,296
CHR5	21044910	CHR5:21044910	SSF x Near_LoA	-11,2025721	0,002	0,297
CHR5	21045015	CHR5:21045015	SSF x Near_LoA	-10,5956892	0,040	0,304
CHR5	21045115	CHR5:21045115	SSF x Near_LoA	-9,45462248	-0,013	0,313
CHR5	21052905	CHR5:21052905	SSF x Near_LoA	-8,16152224	0,086	0,309
CHR5	21052950	CHR5:21052950	SSF x Near_LoA	-8,84436698	0,102	0,302
CHR5	21060062	CHR5:21060062	SSF x Near_LoA	-8,81881903	-0,026	0,300
CHR5	21060099	CHR5:21060099	SSF x Near_LoA	-10,8697504	0,007	0,310
CHR5	21060998	CHR5:21060998	SSF x Near_LoA	-10,4117065	0,113	0,311
CHR5	21061029	CHR5:21061029	SSF x Near_LoA	-7,62606515	0,099	0,310
CHR5	21061090	CHR5:21061090	SSF x Near_LoA	-11,0090418	0,017	0,299
CHR5	21061117	CHR5:21061117	SSF x Near_LoA	-8,04692252	0,066	0,312
CHR5	21061133	CHR5:21061133	SSF x Near_LoA	-10,194119	0,057	0,315
CHR5	21081351	CHR5:21081351	SSF x Near_LoA	-9,36954569	-0,012	0,303
CHR5	21087449	CHR5:21087449	SSF x Near_LoA	-8,59710586	-0,014	0,306
CHR5	21087493	CHR5:21087493	SSF x Near_LoA	-9,22207357	0,110	0,281
CHR5	21087611	CHR5:21087611	SSF x Near_LoA	-7,17469036	-0,032	0,326
CHR5	21091127	CHR5:21091127	SSF x Near_LoA	-1,65394511	0,021	0,328
CHR5	21105577	CHR5:21105577	SSF x Near_LoA	-8,63700514	-0,033	0,319
CHR5	21107950	CHR5:21107950	SSF x Near_LoA	-10,2705568	0,030	0,320
CHR5	2110848	CHR5:2110848	SSF x Near_LoA	-11,2494299	-0,036	0,309
CHR5	2110924	CHR5:2110924	SSF x Near_LoA	-10,5997058	-0,020	0,309
CHR5	2112929	CHR5:2112929	SSF x Near_LoA	-8,49623033	-0,008	0,309
CHR5	2112944	CHR5:2112944	SSF x Near_LoA	-8,70721655	-0,018	0,319
CHR5	21130662	CHR5:21130662	SSF x Near_LoA	-7,62045036	-0,054	0,297
CHR5	21140476	CHR5:21140476	SSF x Near_LoA	-10,780762	0,063	0,315
CHR5	21140525	CHR5:21140525	SSF x Near_LoA	-10,7512657	-0,037	0,295
CHR5	21151839	CHR5:21151839	SSF x Near_LoA	-7,58723047	0,004	0,296
CHR5	21151896	CHR5:21151896	SSF x Near_LoA	-2,00116478	-0,086	0,301
CHR5	21151908	CHR5:21151908	SSF x Near_LoA	-9,170459	0,110	0,291
CHR5	21151909	CHR5:21151909	SSF x Near_LoA	-10,7009609	0,098	0,305
CHR5	21151918	CHR5:21151918	SSF x Near_LoA	-11,6893095	-0,089	0,293
CHR5	21151961	CHR5:21151961	SSF x Near_LoA	-12,2564183	0,044	0,307
CHR5	21152030	CHR5:21152030	SSF x Near_LoA	-9,85534211	-0,083	0,305
CHR5	21154794	CHR5:21154794	SSF x Near_LoA	-8,48227037	0,048	0,314
CHR5	21154890	CHR5:21154890	SSF x Near_LoA	-11,3955751	-0,024	0,306
CHR5	21159808	CHR5:21159808	SSF x Near_LoA	-10,7830461	0,023	0,304
CHR5	21159941	CHR5:21159941	SSF x Near_LoA	-8,96445554	-0,122	0,300
CHR5	21159957	CHR5:21159957	SSF x Near_LoA	-7,5252754	0,073	0,317
CHR5	21166376	CHR5:21166376	SSF x Near_LoA	-7,08931805	0,109	0,313
CHR5	21166405	CHR5:21166405	SSF x Near_LoA	-8,9873234	-0,097	0,304
CHR5	2116774	CHR5:2116774	SSF x Near_LoA	-8,6439938	-0,086	0,309
CHR5	2116801	CHR5:2116801	SSF x Near_LoA	-11,4611556	0,060	0,305
CHR5	2117611	CHR5:2117611	SSF x Near_LoA	-7,49079632	0,054	0,313
CHR5	2117665	CHR5:2117665	SSF x Near_LoA	-11,4831922	-0,042	0,303
CHR5	21178697	CHR5:21178697	SSF x Near_LoA	-10,4388424	0,139	0,309
CHR5	21178899	CHR5:21178899	SSF x Near_LoA	-8,35308438	0,067	0,297

CHR5	21206206	CHR5:21206206	SSF x Near_LoA	-11,4790141	0,045	0,309
CHR5	21256621	CHR5:21256621	SSF x Near_LoA	-9,88710146	-0,056	0,309
CHR5	21284542	CHR5:21284542	SSF x Near_LoA	-12,1617781	-0,014	0,298
CHR5	21308157	CHR5:21308157	SSF x Near_LoA	-10,6920744	0,005	0,306
CHR5	21308229	CHR5:21308229	SSF x Near_LoA	-7,72063391	0,018	0,315
CHR5	21308230	CHR5:21308230	SSF x Near_LoA	0,60467231	0,000	0,305
CHR5	21308241	CHR5:21308241	SSF x Near_LoA	-8,83194153	0,033	0,306
CHR5	21308268	CHR5:21308268	SSF x Near_LoA	-9,3629954	-0,031	0,305
CHR5	21308317	CHR5:21308317	SSF x Near_LoA	-10,9723063	0,027	0,299
CHR5	21314532	CHR5:21314532	SSF x Near_LoA	-9,20496096	-0,095	0,323
CHR5	21314566	CHR5:21314566	SSF x Near_LoA	-10,183367	0,154	0,310
CHR5	21314580	CHR5:21314580	SSF x Near_LoA	-5,47366543	0,110	0,305
CHR5	21314581	CHR5:21314581	SSF x Near_LoA	-6,91060454	0,121	0,300
CHR5	21314588	CHR5:21314588	SSF x Near_LoA	-7,53905898	0,095	0,283
CHR5	21314605	CHR5:21314605	SSF x Near_LoA	-7,01093609	0,149	0,292
CHR5	21319782	CHR5:21319782	SSF x Near_LoA	-6,35175287	-0,172	0,311
CHR5	21319835	CHR5:21319835	SSF x Near_LoA	-6,04088763	-0,177	0,306
CHR5	21319846	CHR5:21319846	SSF x Near_LoA	-6,11809076	-0,147	0,305
CHR5	21323678	CHR5:21323678	SSF x Near_LoA	-10,9612861	-0,037	0,328
CHR5	21340461	CHR5:21340461	SSF x Near_LoA	-10,6360127	-0,127	0,310
CHR5	21340553	CHR5:21340553	SSF x Near_LoA	-4,93329554	-0,122	0,321
CHR5	21349136	CHR5:21349136	SSF x Near_LoA	-5,18079953	0,148	0,301
CHR5	21349390	CHR5:21349390	SSF x Near_LoA	-6,34060731	0,144	0,308
CHR5	21359700	CHR5:21359700	SSF x Near_LoA	-6,09209381	0,056	0,335
CHR5	21363465	CHR5:21363465	SSF x Near_LoA	-11,4901916	0,058	0,307
CHR5	21363467	CHR5:21363467	SSF x Near_LoA	-8,04062645	-0,120	0,296
CHR5	21363479	CHR5:21363479	SSF x Near_LoA	-9,14141927	-0,118	0,288
CHR5	21363509	CHR5:21363509	SSF x Near_LoA	-7,25326466	-0,145	0,306
CHR5	21363634	CHR5:21363634	SSF x Near_LoA	-7,98535103	0,068	0,290
CHR5	21365167	CHR5:21365167	SSF x Near_LoA	-10,1677413	0,002	0,314
CHR5	21365242	CHR5:21365242	SSF x Near_LoA	-7,57779757	0,068	0,304
CHR5	21365480	CHR5:21365480	SSF x Near_LoA	-11,5805385	-0,002	0,312
CHR5	21365482	CHR5:21365482	SSF x Near_LoA	-10,7004576	-0,081	0,299
CHR5	21365484	CHR5:21365484	SSF x Near_LoA	-6,99540104	-0,085	0,307
CHR5	21365547	CHR5:21365547	SSF x Near_LoA	-9,48989639	0,038	0,311
CHR5	21365550	CHR5:21365550	SSF x Near_LoA	-7,60386126	0,114	0,307
CHR5	21365592	CHR5:21365592	SSF x Near_LoA	-11,2043304	-0,051	0,303
CHR5	21365597	CHR5:21365597	SSF x Near_LoA	-6,4712275	-0,018	0,304
CHR5	21365608	CHR5:21365608	SSF x Near_LoA	-8,87930077	0,002	0,317
CHR5	21373928	CHR5:21373928	SSF x Near_LoA	-10,6984978	-0,101	0,295
CHR5	21373999	CHR5:21373999	SSF x Near_LoA	-9,82856626	0,054	0,324
CHR5	21376082	CHR5:21376082	SSF x Near_LoA	-7,45738936	-0,056	0,320
CHR5	21378445	CHR5:21378445	SSF x Near_LoA	-10,9575726	-0,008	0,311
CHR5	21381777	CHR5:21381777	SSF x Near_LoA	-5,5413057	0,090	0,315
CHR5	21381802	CHR5:21381802	SSF x Near_LoA	-9,43399634	-0,013	0,295
CHR5	21381824	CHR5:21381824	SSF x Near_LoA	-8,90827175	0,024	0,300
CHR5	21383160	CHR5:21383160	SSF x Near_LoA	-6,88402208	-0,020	0,313
CHR5	21383233	CHR5:21383233	SSF x Near_LoA	-11,9919214	0,099	0,294
CHR5	21397826	CHR5:21397826	SSF x Near_LoA	-9,62825162	-0,068	0,295
CHR5	21397930	CHR5:21397930	SSF x Near_LoA	-11,3472009	-0,045	0,312
CHR5	21398746	CHR5:21398746	SSF x Near_LoA	-10,8109896	0,078	0,326
CHR5	21403010	CHR5:21403010	SSF x Near_LoA	-11,3880324	0,031	0,312
CHR5	21403081	CHR5:21403081	SSF x Near_LoA	-11,864517	0,014	0,313

CHR5	21427460	CHR5:21427460	SSF x Near_LoA	-9,45703757	0,072	0,303
CHR5	21427491	CHR5:21427491	SSF x Near_LoA	-6,65636482	0,011	0,313
CHR5	21427640	CHR5:21427640	SSF x Near_LoA	-5,88580068	-0,012	0,317
CHR5	21436937	CHR5:21436937	SSF x Near_LoA	-8,54426684	0,041	0,302
CHR5	21436950	CHR5:21436950	SSF x Near_LoA	-9,59096944	0,124	0,301
CHR5	21436964	CHR5:21436964	SSF x Near_LoA	-6,95138019	0,117	0,313
CHR5	21436967	CHR5:21436967	SSF x Near_LoA	-10,1191775	0,092	0,313
CHR5	21436969	CHR5:21436969	SSF x Near_LoA	-9,48193906	0,093	0,308
CHR5	21436970	CHR5:21436970	SSF x Near_LoA	-10,5063463	0,109	0,299
CHR5	21436986	CHR5:21436986	SSF x Near_LoA	-1,18760105	0,113	0,311
CHR5	21436987	CHR5:21436987	SSF x Near_LoA	-11,2969884	-0,048	0,304
CHR5	21436989	CHR5:21436989	SSF x Near_LoA	-6,93269891	-0,058	0,301
CHR5	21437018	CHR5:21437018	SSF x Near_LoA	-10,0292131	-0,002	0,317
CHR5	21437087	CHR5:21437087	SSF x Near_LoA	-10,4364884	-0,058	0,301
CHR5	21437102	CHR5:21437102	SSF x Near_LoA	-9,16729478	0,009	0,301
CHR5	21444411	CHR5:21444411	SSF x Near_LoA	-4,80894771	-0,079	0,300
CHR5	21448415	CHR5:21448415	SSF x Near_LoA	-5,94274706	-0,030	0,307
CHR5	21448574	CHR5:21448574	SSF x Near_LoA	-9,20209284	-0,005	0,305
CHR5	21448640	CHR5:21448640	SSF x Near_LoA	-12,1895672	0,031	0,306
CHR5	21456930	CHR5:21456930	SSF x Near_LoA	-6,4246138	-0,113	0,315
CHR5	21456966	CHR5:21456966	SSF x Near_LoA	-11,0433175	0,006	0,318
CHR5	21456967	CHR5:21456967	SSF x Near_LoA	-9,92344516	0,037	0,311
CHR5	21469992	CHR5:21469992	SSF x Near_LoA	-7,60984362	0,065	0,305
CHR5	21470000	CHR5:21470000	SSF x Near_LoA	-7,87410072	0,096	0,301
CHR5	21480045	CHR5:21480045	SSF x Near_LoA	-10,7972595	-0,107	0,295
CHR5	21481466	CHR5:21481466	SSF x Near_LoA	-9,8106589	0,022	0,288
CHR5	21481475	CHR5:21481475	SSF x Near_LoA	-10,7510674	0,036	0,306
CHR5	21481588	CHR5:21481588	SSF x Near_LoA	-7,72561552	0,021	0,320
CHR5	21491661	CHR5:21491661	SSF x Near_LoA	-3,44851338	-0,186	0,299
CHR5	21491698	CHR5:21491698	SSF x Near_LoA	-9,98742686	0,061	0,303
CHR5	21491735	CHR5:21491735	SSF x Near_LoA	-11,3826909	-0,028	0,315
CHR5	21491755	CHR5:21491755	SSF x Near_LoA	-11,5292635	0,019	0,298
CHR5	21491776	CHR5:21491776	SSF x Near_LoA	-8,40514901	-0,068	0,315
CHR5	21491897	CHR5:21491897	SSF x Near_LoA	-10,852357	0,038	0,294
CHR5	21496154	CHR5:21496154	SSF x Near_LoA	-8,04697829	-0,093	0,313
CHR5	21496222	CHR5:21496222	SSF x Near_LoA	-7,96724554	0,061	0,309
CHR5	21496238	CHR5:21496238	SSF x Near_LoA	-9,0088195	0,006	0,325
CHR5	21496245	CHR5:21496245	SSF x Near_LoA	-8,96963806	-0,048	0,300
CHR5	21505508	CHR5:21505508	SSF x Near_LoA	-5,0573244	-0,095	0,312
CHR5	21505533	CHR5:21505533	SSF x Near_LoA	-6,3557471	0,055	0,317
CHR5	21505554	CHR5:21505554	SSF x Near_LoA	-8,87393586	0,076	0,314
CHR5	21505562	CHR5:21505562	SSF x Near_LoA	-10,8618538	-0,029	0,305
CHR5	21505574	CHR5:21505574	SSF x Near_LoA	-12,4747008	-0,037	0,305
CHR5	21509877	CHR5:21509877	SSF x Near_LoA	-10,7143663	-0,067	0,309
CHR5	21509878	CHR5:21509878	SSF x Near_LoA	-6,6192637	-0,154	0,299
CHR5	21509916	CHR5:21509916	SSF x Near_LoA	-8,70354235	0,012	0,301
CHR5	21509995	CHR5:21509995	SSF x Near_LoA	-9,5609125	-0,122	0,295
CHR5	21509999	CHR5:21509999	SSF x Near_LoA	-6,42530165	-0,098	0,294
CHR5	21510050	CHR5:21510050	SSF x Near_LoA	-10,7335008	0,113	0,293
CHR5	21510062	CHR5:21510062	SSF x Near_LoA	-11,8896446	-0,035	0,306
CHR5	21510082	CHR5:21510082	SSF x Near_LoA	-7,85394376	0,125	0,307
CHR5	21510109	CHR5:21510109	SSF x Near_LoA	-7,4568584	-0,116	0,309
CHR5	21510114	CHR5:21510114	SSF x Near_LoA	-10,2178559	-0,033	0,306

CHR5	21510136	CHR5:21510136	SSF x Near_LoA	-8,30822069	0,054	0,311
CHR5	21514412	CHR5:21514412	SSF x Near_LoA	-9,02260368	-0,003	0,307
CHR5	21514435	CHR5:21514435	SSF x Near_LoA	-10,7145011	0,032	0,317
CHR5	21514443	CHR5:21514443	SSF x Near_LoA	-7,8831053	0,039	0,312
CHR5	21514614	CHR5:21514614	SSF x Near_LoA	-7,47450683	0,017	0,307
CHR5	21514684	CHR5:21514684	SSF x Near_LoA	-12,1302651	-0,036	0,302
CHR5	21515939	CHR5:21515939	SSF x Near_LoA	-7,68614507	0,133	0,320
CHR5	21518405	CHR5:21518405	SSF x Near_LoA	-8,4578096	0,048	0,312
CHR5	21518416	CHR5:21518416	SSF x Near_LoA	-7,92159201	0,148	0,296
CHR5	21534286	CHR5:21534286	SSF x Near_LoA	-9,97700311	0,039	0,302
CHR5	21534297	CHR5:21534297	SSF x Near_LoA	-10,0380824	0,029	0,302
CHR5	21534331	CHR5:21534331	SSF x Near_LoA	-8,3974331	-0,111	0,321
CHR5	21534397	CHR5:21534397	SSF x Near_LoA	-9,3002265	-0,042	0,320
CHR5	21535760	CHR5:21535760	SSF x Near_LoA	-12,139144	-0,003	0,310
CHR5	21537709	CHR5:21537709	SSF x Near_LoA	-0,92862697	0,011	0,309
CHR5	21537711	CHR5:21537711	SSF x Near_LoA	-10,0190353	-0,005	0,299
CHR5	21537757	CHR5:21537757	SSF x Near_LoA	-9,46099718	-0,096	0,300
CHR5	21537788	CHR5:21537788	SSF x Near_LoA	-9,4128248	-0,013	0,318
CHR5	21540318	CHR5:21540318	SSF x Near_LoA	-9,68674039	-0,026	0,319
CHR5	21541494	CHR5:21541494	SSF x Near_LoA	-9,58767697	-0,092	0,302
CHR5	21541670	CHR5:21541670	SSF x Near_LoA	-8,05416	-0,020	0,321
CHR5	21556014	CHR5:21556014	SSF x Near_LoA	-10,7426162	-0,073	0,306
CHR5	21556153	CHR5:21556153	SSF x Near_LoA	-9,23501387	-0,024	0,291
CHR5	21556198	CHR5:21556198	SSF x Near_LoA	-11,3959108	0,019	0,311
CHR5	21556247	CHR5:21556247	SSF x Near_LoA	-11,6058165	0,014	0,303
CHR5	21557893	CHR5:21557893	SSF x Near_LoA	-6,67358858	-0,075	0,314
CHR5	21562144	CHR5:21562144	SSF x Near_LoA	-10,6537729	0,050	0,317
CHR5	21562251	CHR5:21562251	SSF x Near_LoA	-9,57227943	-0,072	0,301
CHR5	21566453	CHR5:21566453	SSF x Near_LoA	-9,14578159	0,034	0,312
CHR5	2157258	CHR5:2157258	SSF x Near_LoA	-9,76304887	-0,062	0,300
CHR5	21574409	CHR5:21574409	SSF x Near_LoA	-10,4840053	0,047	0,304
CHR5	21574534	CHR5:21574534	SSF x Near_LoA	-10,7998887	-0,038	0,308
CHR5	21576784	CHR5:21576784	SSF x Near_LoA	-9,5755643	-0,067	0,312
CHR5	21576804	CHR5:21576804	SSF x Near_LoA	-5,40608541	0,025	0,303
CHR5	21579286	CHR5:21579286	SSF x Near_LoA	-9,5677134	-0,153	0,297
CHR5	21603331	CHR5:21603331	SSF x Near_LoA	-9,88465226	0,001	0,321
CHR5	21603344	CHR5:21603344	SSF x Near_LoA	-9,88732875	0,065	0,278
CHR5	21610700	CHR5:21610700	SSF x Near_LoA	-9,17312584	-0,104	0,294
CHR5	2161210	CHR5:2161210	SSF x Near_LoA	-7,51614202	0,103	0,302
CHR5	2161218	CHR5:2161218	SSF x Near_LoA	-5,82228366	0,065	0,319
CHR5	2161284	CHR5:2161284	SSF x Near_LoA	-9,22061769	-0,018	0,307
CHR5	21623319	CHR5:21623319	SSF x Near_LoA	-9,97941323	-0,082	0,311
CHR5	21623441	CHR5:21623441	SSF x Near_LoA	-5,90147787	0,214	0,295
CHR5	2163723	CHR5:2163723	SSF x Near_LoA	-12,0360282	0,055	0,300
CHR5	21637702	CHR5:21637702	SSF x Near_LoA	-8,82511693	-0,054	0,319
CHR5	21637703	CHR5:21637703	SSF x Near_LoA	-5,42530085	-0,044	0,311
CHR5	21637821	CHR5:21637821	SSF x Near_LoA	-6,29014814	-0,063	0,305
CHR5	21637949	CHR5:21637949	SSF x Near_LoA	-2,92474098	-0,064	0,297
CHR5	2163817	CHR5:2163817	SSF x Near_LoA	-11,3901614	0,031	0,317
CHR5	2163827	CHR5:2163827	SSF x Near_LoA	-8,15570552	0,143	0,306
CHR5	2163865	CHR5:2163865	SSF x Near_LoA	-9,71158723	-0,162	0,289
CHR5	2163873	CHR5:2163873	SSF x Near_LoA	-10,6749092	-0,021	0,322
CHR5	2163983	CHR5:2163983	SSF x Near_LoA	-11,9265309	-0,067	0,310

CHR5	21647558	CHR5:21647558	SSF x Near_LoA	-8,78618861	-0,072	0,315
CHR5	21647678	CHR5:21647678	SSF x Near_LoA	-8,90421243	0,039	0,306
CHR5	21655987	CHR5:21655987	SSF x Near_LoA	-7,56720889	-0,168	0,309
CHR5	21659306	CHR5:21659306	SSF x Near_LoA	-4,39330671	0,180	0,294
CHR5	21659372	CHR5:21659372	SSF x Near_LoA	-10,2879292	0,101	0,317
CHR5	21659380	CHR5:21659380	SSF x Near_LoA	-6,7956596	0,130	0,300
CHR5	21659395	CHR5:21659395	SSF x Near_LoA	-8,45478574	0,165	0,296
CHR5	21659405	CHR5:21659405	SSF x Near_LoA	-10,1525519	-0,005	0,305
CHR5	21664268	CHR5:21664268	SSF x Near_LoA	-7,86390482	-0,041	0,300
CHR5	21664289	CHR5:21664289	SSF x Near_LoA	-11,343668	-0,009	0,299
CHR5	21664294	CHR5:21664294	SSF x Near_LoA	-9,5193797	-0,137	0,301
CHR5	21667571	CHR5:21667571	SSF x Near_LoA	-8,36221779	0,085	0,304
CHR5	21667619	CHR5:21667619	SSF x Near_LoA	-11,2912947	0,025	0,310
CHR5	21667666	CHR5:21667666	SSF x Near_LoA	-11,0583516	0,042	0,308
CHR5	21667676	CHR5:21667676	SSF x Near_LoA	-9,73782943	0,043	0,309
CHR5	21669363	CHR5:21669363	SSF x Near_LoA	-9,06164304	0,032	0,317
CHR5	21669364	CHR5:21669364	SSF x Near_LoA	-8,79325546	0,011	0,315
CHR5	21669569	CHR5:21669569	SSF x Near_LoA	-5,47414687	-0,092	0,303
CHR5	21677541	CHR5:21677541	SSF x Near_LoA	-4,92773798	0,243	0,300
CHR5	21677544	CHR5:21677544	SSF x Near_LoA	-1,72984243	0,225	0,302
CHR5	21677553	CHR5:21677553	SSF x Near_LoA	-8,94812305	-0,062	0,310
CHR5	21677585	CHR5:21677585	SSF x Near_LoA	-8,02743796	-0,102	0,307
CHR5	21677599	CHR5:21677599	SSF x Near_LoA	-5,81459485	-0,042	0,304
CHR5	21702482	CHR5:21702482	SSF x Near_LoA	-9,40072756	-0,021	0,303
CHR5	21702581	CHR5:21702581	SSF x Near_LoA	-8,47653102	-0,041	0,309
CHR5	21702592	CHR5:21702592	SSF x Near_LoA	-8,96470112	-0,048	0,307
CHR5	21702683	CHR5:21702683	SSF x Near_LoA	-7,57555846	-0,036	0,306
CHR5	21707605	CHR5:21707605	SSF x Near_LoA	-9,04363331	0,046	0,304
CHR5	21707755	CHR5:21707755	SSF x Near_LoA	-11,3740082	-0,021	0,305
CHR5	21711309	CHR5:21711309	SSF x Near_LoA	-8,88035132	-0,014	0,307
CHR5	21711311	CHR5:21711311	SSF x Near_LoA	-11,7387696	0,018	0,294
CHR5	21716128	CHR5:21716128	SSF x Near_LoA	-10,1184144	-0,057	0,328
CHR5	21716152	CHR5:21716152	SSF x Near_LoA	-10,0656266	-0,086	0,310
CHR5	21730447	CHR5:21730447	SSF x Near_LoA	-8,56940111	0,102	0,301
CHR5	21742277	CHR5:21742277	SSF x Near_LoA	-10,9687651	0,085	0,311
CHR5	21742466	CHR5:21742466	SSF x Near_LoA	-9,48393912	-0,012	0,306
CHR5	21742469	CHR5:21742469	SSF x Near_LoA	-10,361703	-0,034	0,313
CHR5	21742470	CHR5:21742470	SSF x Near_LoA	-8,86149784	-0,033	0,320
CHR5	21742480	CHR5:21742480	SSF x Near_LoA	-9,1082264	-0,050	0,320
CHR5	21742482	CHR5:21742482	SSF x Near_LoA	-9,83495066	-0,070	0,319
CHR5	21742483	CHR5:21742483	SSF x Near_LoA	-9,94170015	-0,061	0,301
CHR5	21756459	CHR5:21756459	SSF x Near_LoA	-10,8296314	-0,013	0,303
CHR5	21758027	CHR5:21758027	SSF x Near_LoA	-10,0554878	0,094	0,301
CHR5	21758045	CHR5:21758045	SSF x Near_LoA	-8,04120007	0,054	0,319
CHR5	21758060	CHR5:21758060	SSF x Near_LoA	-6,36283147	-0,053	0,302
CHR5	21761949	CHR5:21761949	SSF x Near_LoA	-8,03443762	-0,060	0,316
CHR5	21761982	CHR5:21761982	SSF x Near_LoA	-8,79481703	0,070	0,314
CHR5	21762022	CHR5:21762022	SSF x Near_LoA	-10,2010507	-0,044	0,312
CHR5	21762039	CHR5:21762039	SSF x Near_LoA	-10,8811812	-0,041	0,306
CHR5	21762217	CHR5:21762217	SSF x Near_LoA	-7,73078003	-0,091	0,308
CHR5	21762322	CHR5:21762322	SSF x Near_LoA	-2,33957788	-0,102	0,302
CHR5	21766627	CHR5:21766627	SSF x Near_LoA	-7,80933255	0,079	0,306
CHR5	21766708	CHR5:21766708	SSF x Near_LoA	-8,54121672	0,060	0,311

CHR5	21770353	CHR5:21770353	SSF x Near_LoA	-10,5212457	0,014	0,313
CHR5	21774160	CHR5:21774160	SSF x Near_LoA	-11,1038593	0,016	0,300
CHR5	21774188	CHR5:21774188	SSF x Near_LoA	-11,2404484	0,037	0,305
CHR5	21774265	CHR5:21774265	SSF x Near_LoA	-8,26531923	0,094	0,302
CHR5	21774344	CHR5:21774344	SSF x Near_LoA	-8,38042051	0,159	0,313
CHR5	21775371	CHR5:21775371	SSF x Near_LoA	-10,5175313	0,081	0,303
CHR5	21776666	CHR5:21776666	SSF x Near_LoA	-10,8654084	0,046	0,323
CHR5	21776675	CHR5:21776675	SSF x Near_LoA	-10,8477813	0,006	0,325
CHR5	21776676	CHR5:21776676	SSF x Near_LoA	-10,5401981	-0,067	0,300
CHR5	21776717	CHR5:21776717	SSF x Near_LoA	-10,9840686	0,065	0,304
CHR5	21776742	CHR5:21776742	SSF x Near_LoA	-10,5417477	-0,046	0,303
CHR5	21776818	CHR5:21776818	SSF x Near_LoA	-5,33320623	-0,038	0,313
CHR5	21776832	CHR5:21776832	SSF x Near_LoA	-8,29575232	-0,042	0,307
CHR5	21781711	CHR5:21781711	SSF x Near_LoA	-9,63400749	-0,062	0,313
CHR5	21781808	CHR5:21781808	SSF x Near_LoA	-5,23783296	-0,084	0,304
CHR5	21790671	CHR5:21790671	SSF x Near_LoA	-10,2124838	0,053	0,304
CHR5	21790692	CHR5:21790692	SSF x Near_LoA	-4,2999524	-0,130	0,313
CHR5	21790694	CHR5:21790694	SSF x Near_LoA	-11,3673682	0,097	0,306
CHR5	21790732	CHR5:21790732	SSF x Near_LoA	-8,67766945	0,014	0,302
CHR5	21790760	CHR5:21790760	SSF x Near_LoA	-9,56050971	-0,059	0,296
CHR5	21790764	CHR5:21790764	SSF x Near_LoA	-9,15154958	0,080	0,315
CHR5	21790945	CHR5:21790945	SSF x Near_LoA	-10,8475264	0,011	0,310
CHR5	21796921	CHR5:21796921	SSF x Near_LoA	-9,10383253	0,037	0,297
CHR5	21796981	CHR5:21796981	SSF x Near_LoA	-10,9018778	-0,001	0,295
CHR5	21797014	CHR5:21797014	SSF x Near_LoA	-10,2965424	0,015	0,295
CHR5	21797105	CHR5:21797105	SSF x Near_LoA	-10,4197999	0,053	0,312
CHR5	21810462	CHR5:21810462	SSF x Near_LoA	-8,87786744	-0,056	0,295
CHR5	21810472	CHR5:21810472	SSF x Near_LoA	-4,46679803	-0,012	0,300
CHR5	21810743	CHR5:21810743	SSF x Near_LoA	-8,61784047	0,033	0,323
CHR5	21810767	CHR5:21810767	SSF x Near_LoA	-8,26000273	-0,003	0,315
CHR5	21824862	CHR5:21824862	SSF x Near_LoA	-10,4127267	0,026	0,307
CHR5	21824966	CHR5:21824966	SSF x Near_LoA	-11,3663922	0,062	0,299
CHR5	21832588	CHR5:21832588	SSF x Near_LoA	-8,65514944	-0,047	0,305
CHR5	21832802	CHR5:21832802	SSF x Near_LoA	-7,10077943	-0,106	0,310
CHR5	21836257	CHR5:21836257	SSF x Near_LoA	-7,17410034	0,181	0,298
CHR5	21836326	CHR5:21836326	SSF x Near_LoA	-9,97413698	0,028	0,315
CHR5	21836342	CHR5:21836342	SSF x Near_LoA	-5,30711803	0,166	0,317
CHR5	21836414	CHR5:21836414	SSF x Near_LoA	-10,7471032	0,063	0,307
CHR5	21839210	CHR5:21839210	SSF x Near_LoA	-10,7580206	-0,048	0,296
CHR5	21839212	CHR5:21839212	SSF x Near_LoA	-8,28455456	-0,040	0,313
CHR5	21839213	CHR5:21839213	SSF x Near_LoA	-7,93337585	0,001	0,317
CHR5	21839245	CHR5:21839245	SSF x Near_LoA	-9,2150486	-0,018	0,303
CHR5	21839272	CHR5:21839272	SSF x Near_LoA	-9,30403798	-0,059	0,304
CHR5	21839327	CHR5:21839327	SSF x Near_LoA	-6,62293069	-0,091	0,314
CHR5	21839368	CHR5:21839368	SSF x Near_LoA	-5,77501653	0,009	0,309
CHR5	21839379	CHR5:21839379	SSF x Near_LoA	-8,53868171	0,028	0,317
CHR5	21839479	CHR5:21839479	SSF x Near_LoA	-7,67187959	0,068	0,311
CHR5	21843694	CHR5:21843694	SSF x Near_LoA	-8,45958877	0,160	0,300
CHR5	21849285	CHR5:21849285	SSF x Near_LoA	-9,52797034	0,046	0,312
CHR5	21849292	CHR5:21849292	SSF x Near_LoA	-9,01153643	-0,010	0,305
CHR5	21849314	CHR5:21849314	SSF x Near_LoA	-10,0421878	0,045	0,324
CHR5	21849407	CHR5:21849407	SSF x Near_LoA	-8,44694367	0,088	0,312
CHR5	21849735	CHR5:21849735	SSF x Near_LoA	-10,3698134	0,010	0,297

CHR5	21860394	CHR5:21860394	SSF x Near_LoA	-10,1829452	0,095	0,291
CHR5	21860423	CHR5:21860423	SSF x Near_LoA	-10,5706776	-0,055	0,316
CHR5	21860449	CHR5:21860449	SSF x Near_LoA	-7,39319175	0,021	0,323
CHR5	21860450	CHR5:21860450	SSF x Near_LoA	-12,2886883	0,009	0,295
CHR5	21860491	CHR5:21860491	SSF x Near_LoA	-3,90748394	0,070	0,301
CHR5	2186052	CHR5:2186052	SSF x Near_LoA	-8,5864223	0,097	0,315
CHR5	21878764	CHR5:21878764	SSF x Near_LoA	-11,0433324	-0,073	0,315
CHR5	21878811	CHR5:21878811	SSF x Near_LoA	-8,051849	-0,094	0,308
CHR5	21878826	CHR5:21878826	SSF x Near_LoA	-7,08974141	0,158	0,301
CHR5	21878957	CHR5:21878957	SSF x Near_LoA	-9,18485464	0,082	0,306
CHR5	21880559	CHR5:21880559	SSF x Near_LoA	-11,3294615	0,004	0,304
CHR5	21887444	CHR5:21887444	SSF x Near_LoA	-11,3561934	-0,032	0,299
CHR5	21887876	CHR5:21887876	SSF x Near_LoA	-10,9114078	0,030	0,305
CHR5	21887924	CHR5:21887924	SSF x Near_LoA	-8,08235427	0,023	0,321
CHR5	21889273	CHR5:21889273	SSF x Near_LoA	-7,85951931	0,058	0,312
CHR5	21889282	CHR5:21889282	SSF x Near_LoA	-7,09787002	0,033	0,305
CHR5	21889338	CHR5:21889338	SSF x Near_LoA	-9,37569986	-0,009	0,294
CHR5	21889433	CHR5:21889433	SSF x Near_LoA	-6,25390832	-0,184	0,290
CHR5	21898506	CHR5:21898506	SSF x Near_LoA	-8,60622642	-0,017	0,313
CHR5	21898554	CHR5:21898554	SSF x Near_LoA	-10,9186057	-0,096	0,305
CHR5	21902057	CHR5:21902057	SSF x Near_LoA	-12,2171803	-0,028	0,299
CHR5	21902086	CHR5:21902086	SSF x Near_LoA	-5,41438123	-0,142	0,300
CHR5	21902117	CHR5:21902117	SSF x Near_LoA	-9,54035943	-0,027	0,298
CHR5	21902119	CHR5:21902119	SSF x Near_LoA	-9,32033703	-0,017	0,300
CHR5	21902121	CHR5:21902121	SSF x Near_LoA	-8,66259025	-0,015	0,296
CHR5	21902129	CHR5:21902129	SSF x Near_LoA	-7,82955572	0,001	0,304
CHR5	21902132	CHR5:21902132	SSF x Near_LoA	-11,2708145	-0,014	0,299
CHR5	21902158	CHR5:21902158	SSF x Near_LoA	-9,41835529	0,060	0,309
CHR5	21902204	CHR5:21902204	SSF x Near_LoA	-10,3678686	0,067	0,302
CHR5	21902222	CHR5:21902222	SSF x Near_LoA	-7,01595238	0,042	0,313
CHR5	21902241	CHR5:21902241	SSF x Near_LoA	-8,00370949	-0,076	0,323
CHR5	21902289	CHR5:21902289	SSF x Near_LoA	-9,71874319	0,099	0,324
CHR5	21904205	CHR5:21904205	SSF x Near_LoA	-11,8779152	0,003	0,300
CHR5	21904235	CHR5:21904235	SSF x Near_LoA	-4,17847079	-0,074	0,305
CHR5	21918312	CHR5:21918312	SSF x Near_LoA	-9,99751661	-0,110	0,299
CHR5	21918396	CHR5:21918396	SSF x Near_LoA	-5,6996111	0,012	0,308
CHR5	21918398	CHR5:21918398	SSF x Near_LoA	-9,85092038	-0,005	0,297
CHR5	21926446	CHR5:21926446	SSF x Near_LoA	-7,5477514	0,153	0,304
CHR5	21926473	CHR5:21926473	SSF x Near_LoA	-9,3298662	0,090	0,315
CHR5	21926986	CHR5:21926986	SSF x Near_LoA	-9,072958	0,031	0,307
CHR5	21926995	CHR5:21926995	SSF x Near_LoA	-10,8732972	0,038	0,304
CHR5	21948288	CHR5:21948288	SSF x Near_LoA	-10,5300302	-0,042	0,316
CHR5	21948362	CHR5:21948362	SSF x Near_LoA	-8,0953778	-0,078	0,305
CHR5	21948431	CHR5:21948431	SSF x Near_LoA	-12,1867471	0,056	0,305
CHR5	21948487	CHR5:21948487	SSF x Near_LoA	3,82093647	-0,234	0,291
CHR5	21948508	CHR5:21948508	SSF x Near_LoA	-6,16977375	-0,164	0,296
CHR5	21948536	CHR5:21948536	SSF x Near_LoA	-10,8450488	-0,098	0,302
CHR5	21948539	CHR5:21948539	SSF x Near_LoA	-4,34477864	0,209	0,294
CHR5	21952362	CHR5:21952362	SSF x Near_LoA	-9,09926912	-0,100	0,314
CHR5	21952461	CHR5:21952461	SSF x Near_LoA	-9,27743552	0,072	0,305
CHR5	21952467	CHR5:21952467	SSF x Near_LoA	-9,49166319	-0,071	0,306
CHR5	21952479	CHR5:21952479	SSF x Near_LoA	-10,2941949	-0,062	0,305
CHR5	21963808	CHR5:21963808	SSF x Near_LoA	-11,1095871	0,051	0,314

CHR5	21963861	CHR5:21963861	SSF x Near_LoA	-9,94760746	0,079	0,317
CHR5	21963933	CHR5:21963933	SSF x Near_LoA	-8,20110525	-0,034	0,316
CHR5	21963936	CHR5:21963936	SSF x Near_LoA	-8,86502777	-0,053	0,323
CHR5	21963942	CHR5:21963942	SSF x Near_LoA	-10,6442136	0,072	0,291
CHR5	21969722	CHR5:21969722	SSF x Near_LoA	-9,27882124	0,123	0,299
CHR5	21969823	CHR5:21969823	SSF x Near_LoA	-6,80734742	0,071	0,312
CHR5	2200764	CHR5:2200764	SSF x Near_LoA	-10,6981965	-0,043	0,300
CHR5	2200765	CHR5:2200765	SSF x Near_LoA	-8,0983957	-0,082	0,296
CHR5	2200982	CHR5:2200982	SSF x Near_LoA	-10,4271009	-0,006	0,307
CHR5	22011224	CHR5:22011224	SSF x Near_LoA	-3,40566405	0,152	0,312
CHR5	22011690	CHR5:22011690	SSF x Near_LoA	-10,682669	-0,039	0,306
CHR5	22011699	CHR5:22011699	SSF x Near_LoA	-10,852818	0,042	0,308
CHR5	22013750	CHR5:22013750	SSF x Near_LoA	-9,98662159	-0,067	0,306
CHR5	22013754	CHR5:22013754	SSF x Near_LoA	-5,92009225	-0,182	0,291
CHR5	22013755	CHR5:22013755	SSF x Near_LoA	-10,6604354	-0,094	0,316
CHR5	22013773	CHR5:22013773	SSF x Near_LoA	-8,46990832	-0,051	0,303
CHR5	22013786	CHR5:22013786	SSF x Near_LoA	-10,2229208	-0,042	0,326
CHR5	22013915	CHR5:22013915	SSF x Near_LoA	-8,41945032	0,110	0,308
CHR5	22027047	CHR5:22027047	SSF x Near_LoA	-11,4525235	0,057	0,303
CHR5	22027358	CHR5:22027358	SSF x Near_LoA	-9,13628164	0,031	0,296
CHR5	22028554	CHR5:22028554	SSF x Near_LoA	-9,05611632	0,046	0,298
CHR5	22034581	CHR5:22034581	SSF x Near_LoA	-8,8223034	-0,031	0,322
CHR5	22034637	CHR5:22034637	SSF x Near_LoA	-9,12116608	-0,018	0,319
CHR5	22034686	CHR5:22034686	SSF x Near_LoA	-10,6354914	-0,003	0,312
CHR5	22040825	CHR5:22040825	SSF x Near_LoA	-10,4153805	0,021	0,320
CHR5	22040911	CHR5:22040911	SSF x Near_LoA	-7,15785604	0,002	0,320
CHR5	22040977	CHR5:22040977	SSF x Near_LoA	-10,6445598	0,005	0,311
CHR5	22041012	CHR5:22041012	SSF x Near_LoA	-8,68857652	0,075	0,300
CHR5	22041019	CHR5:22041019	SSF x Near_LoA	-5,29958937	-0,078	0,322
CHR5	22041027	CHR5:22041027	SSF x Near_LoA	-8,50093232	0,077	0,322
CHR5	22041045	CHR5:22041045	SSF x Near_LoA	-9,41218721	-0,047	0,308
CHR5	22041062	CHR5:22041062	SSF x Near_LoA	-11,6099084	-0,114	0,317
CHR5	22051449	CHR5:22051449	SSF x Near_LoA	-4,44055947	-0,218	0,294
CHR5	22059884	CHR5:22059884	SSF x Near_LoA	-11,5062778	0,031	0,314
CHR5	22065725	CHR5:22065725	SSF x Near_LoA	-7,63753092	0,084	0,292
CHR5	22073276	CHR5:22073276	SSF x Near_LoA	-10,367986	0,026	0,323
CHR5	22073287	CHR5:22073287	SSF x Near_LoA	-10,409585	-0,002	0,298
CHR5	22087199	CHR5:22087199	SSF x Near_LoA	-6,14138843	0,175	0,284
CHR5	22087277	CHR5:22087277	SSF x Near_LoA	-10,4750047	-0,001	0,315
CHR5	22107524	CHR5:22107524	SSF x Near_LoA	-9,66238354	0,020	0,308
CHR5	22107534	CHR5:22107534	SSF x Near_LoA	-7,63851376	0,101	0,302
CHR5	22107565	CHR5:22107565	SSF x Near_LoA	-10,7149226	-0,028	0,307
CHR5	22107585	CHR5:22107585	SSF x Near_LoA	-8,00659937	0,013	0,298
CHR5	22111714	CHR5:22111714	SSF x Near_LoA	-11,4838755	0,025	0,295
CHR5	22111776	CHR5:22111776	SSF x Near_LoA	-6,15633744	-0,136	0,314
CHR5	22111863	CHR5:22111863	SSF x Near_LoA	-9,07562616	-0,006	0,294
CHR5	22111887	CHR5:22111887	SSF x Near_LoA	-7,44297197	0,018	0,311
CHR5	22111899	CHR5:22111899	SSF x Near_LoA	-9,54888596	0,008	0,309
CHR5	22116343	CHR5:22116343	SSF x Near_LoA	-10,4895816	-0,011	0,309
CHR5	22116382	CHR5:22116382	SSF x Near_LoA	-4,93387953	0,024	0,298
CHR5	22116406	CHR5:22116406	SSF x Near_LoA	-10,7929548	-0,085	0,317
CHR5	22117262	CHR5:22117262	SSF x Near_LoA	-10,2588053	0,086	0,299
CHR5	22117304	CHR5:22117304	SSF x Near_LoA	-10,3615383	0,077	0,302

CHR5	22152869	CHR5:22152869	SSF x Near_LoA	-7,98876557	-0,079	0,309
CHR5	22152907	CHR5:22152907	SSF x Near_LoA	-7,67045932	0,163	0,295
CHR5	22154351	CHR5:22154351	SSF x Near_LoA	-8,31034254	0,001	0,308
CHR5	22154357	CHR5:22154357	SSF x Near_LoA	-11,6374933	-0,027	0,305
CHR5	22154398	CHR5:22154398	SSF x Near_LoA	-9,64841507	0,147	0,300
CHR5	22154399	CHR5:22154399	SSF x Near_LoA	-9,49379576	0,154	0,292
CHR5	22154425	CHR5:22154425	SSF x Near_LoA	-8,2979955	0,011	0,306
CHR5	22154449	CHR5:22154449	SSF x Near_LoA	-9,18655214	-0,027	0,308
CHR5	22154460	CHR5:22154460	SSF x Near_LoA	-8,44359451	-0,091	0,317
CHR5	22154465	CHR5:22154465	SSF x Near_LoA	-8,4277119	-0,096	0,296
CHR5	22154565	CHR5:22154565	SSF x Near_LoA	-10,1071031	-0,056	0,312
CHR5	22154567	CHR5:22154567	SSF x Near_LoA	-10,6563083	-0,052	0,304
CHR5	22154568	CHR5:22154568	SSF x Near_LoA	-9,39013455	-0,048	0,300
CHR5	22154590	CHR5:22154590	SSF x Near_LoA	-9,03228968	-0,042	0,304
CHR5	22156130	CHR5:22156130	SSF x Near_LoA	-10,1548278	0,067	0,294
CHR5	22158178	CHR5:22158178	SSF x Near_LoA	-10,3982323	-0,030	0,290
CHR5	22158628	CHR5:22158628	SSF x Near_LoA	-9,63607281	-0,009	0,306
CHR5	22172018	CHR5:22172018	SSF x Near_LoA	-9,74613002	-0,015	0,305
CHR5	22181935	CHR5:22181935	SSF x Near_LoA	-9,12442818	0,042	0,319
CHR5	22182033	CHR5:22182033	SSF x Near_LoA	-11,2140211	-0,034	0,311
CHR5	22182192	CHR5:22182192	SSF x Near_LoA	-8,79731064	0,062	0,308
CHR5	22182195	CHR5:22182195	SSF x Near_LoA	-11,3760685	0,063	0,305
CHR5	22186087	CHR5:22186087	SSF x Near_LoA	-10,1851348	-0,037	0,304
CHR5	22203397	CHR5:22203397	SSF x Near_LoA	-8,70487125	0,172	0,291
CHR5	22210328	CHR5:22210328	SSF x Near_LoA	-10,109721	0,029	0,299
CHR5	22211631	CHR5:22211631	SSF x Near_LoA	-5,13645762	0,042	0,328
CHR5	22218972	CHR5:22218972	SSF x Near_LoA	-10,5732542	0,024	0,306
CHR5	22219003	CHR5:22219003	SSF x Near_LoA	-11,4981187	0,023	0,293
CHR5	22219028	CHR5:22219028	SSF x Near_LoA	-9,1326474	0,092	0,304
CHR5	22219033	CHR5:22219033	SSF x Near_LoA	0,11915488	0,054	0,316
CHR5	22223380	CHR5:22223380	SSF x Near_LoA	-10,2751522	0,044	0,297
CHR5	22223463	CHR5:22223463	SSF x Near_LoA	-10,3853435	-0,006	0,300
CHR5	22223562	CHR5:22223562	SSF x Near_LoA	-10,5972305	-0,044	0,297
CHR5	22223667	CHR5:22223667	SSF x Near_LoA	-10,5140925	0,033	0,310
CHR5	22223706	CHR5:22223706	SSF x Near_LoA	-10,0304893	-0,047	0,315
CHR5	22228498	CHR5:22228498	SSF x Near_LoA	-9,163433	-0,056	0,304
CHR5	22228568	CHR5:22228568	SSF x Near_LoA	-10,2972219	-0,081	0,310
CHR5	22228673	CHR5:22228673	SSF x Near_LoA	-7,3530397	0,025	0,308
CHR5	22228738	CHR5:22228738	SSF x Near_LoA	-9,01093933	0,131	0,299
CHR5	22228771	CHR5:22228771	SSF x Near_LoA	-8,63646983	0,130	0,298
CHR5	22228775	CHR5:22228775	SSF x Near_LoA	-9,18279244	0,058	0,317
CHR5	22228783	CHR5:22228783	SSF x Near_LoA	-10,6348334	0,033	0,310
CHR5	22228800	CHR5:22228800	SSF x Near_LoA	-9,79793309	0,027	0,316
CHR5	22228854	CHR5:22228854	SSF x Near_LoA	-8,82578889	-0,073	0,318
CHR5	2223930	CHR5:2223930	SSF x Near_LoA	-10,4016675	0,136	0,304
CHR5	2223978	CHR5:2223978	SSF x Near_LoA	-9,48469219	0,005	0,308
CHR5	22240444	CHR5:22240444	SSF x Near_LoA	-7,20307141	0,121	0,315
CHR5	22242887	CHR5:22242887	SSF x Near_LoA	-10,5588889	0,132	0,292
CHR5	22242944	CHR5:22242944	SSF x Near_LoA	-7,46162356	0,088	0,301
CHR5	22249032	CHR5:22249032	SSF x Near_LoA	-7,08083416	-0,061	0,319
CHR5	22249095	CHR5:22249095	SSF x Near_LoA	-10,1637187	0,025	0,316
CHR5	22249170	CHR5:22249170	SSF x Near_LoA	-9,0700932	0,082	0,306
CHR5	22258661	CHR5:22258661	SSF x Near_LoA	-9,6520303	0,051	0,299

CHR5	22261764	CHR5:22261764	SSF x Near_LoA	-11,8443128	-0,037	0,310
CHR5	22269703	CHR5:22269703	SSF x Near_LoA	-8,48612895	-0,008	0,304
CHR5	22269705	CHR5:22269705	SSF x Near_LoA	-9,64771701	0,021	0,284
CHR5	22269723	CHR5:22269723	SSF x Near_LoA	-9,15305221	0,014	0,305
CHR5	22269744	CHR5:22269744	SSF x Near_LoA	-9,49378427	0,018	0,292
CHR5	22269822	CHR5:22269822	SSF x Near_LoA	-8,32320624	0,017	0,298
CHR5	22269854	CHR5:22269854	SSF x Near_LoA	-9,86398084	-0,053	0,314
CHR5	2227335	CHR5:2227335	SSF x Near_LoA	-10,2158401	0,059	0,308
CHR5	2227337	CHR5:2227337	SSF x Near_LoA	-11,2293994	-0,004	0,301
CHR5	2227369	CHR5:2227369	SSF x Near_LoA	-9,34966245	-0,041	0,310
CHR5	2227446	CHR5:2227446	SSF x Near_LoA	-9,75129902	-0,085	0,309
CHR5	2227574	CHR5:2227574	SSF x Near_LoA	-10,6187193	0,003	0,303
CHR5	22277861	CHR5:22277861	SSF x Near_LoA	-10,981631	0,024	0,327
CHR5	22291111	CHR5:22291111	SSF x Near_LoA	-8,27595725	-0,049	0,291
CHR5	22291148	CHR5:22291148	SSF x Near_LoA	-12,3150645	0,010	0,304
CHR5	22291167	CHR5:22291167	SSF x Near_LoA	-7,90954607	-0,103	0,304
CHR5	22291168	CHR5:22291168	SSF x Near_LoA	-9,09512233	-0,006	0,305
CHR5	22291174	CHR5:22291174	SSF x Near_LoA	-11,8245498	0,005	0,300
CHR5	22291213	CHR5:22291213	SSF x Near_LoA	-7,65443615	0,008	0,299
CHR5	22313353	CHR5:22313353	SSF x Near_LoA	-11,3357565	-0,061	0,295
CHR5	22317423	CHR5:22317423	SSF x Near_LoA	-10,4186592	-0,097	0,305
CHR5	22320105	CHR5:22320105	SSF x Near_LoA	-10,4772218	-0,035	0,322
CHR5	22320121	CHR5:22320121	SSF x Near_LoA	-10,6187699	-0,070	0,305
CHR5	22320171	CHR5:22320171	SSF x Near_LoA	-11,5912626	-0,072	0,323
CHR5	22337706	CHR5:22337706	SSF x Near_LoA	-8,62173281	-0,176	0,289
CHR5	22337711	CHR5:22337711	SSF x Near_LoA	-8,1901491	-0,167	0,288
CHR5	22337721	CHR5:22337721	SSF x Near_LoA	-7,56019751	0,111	0,295
CHR5	22337798	CHR5:22337798	SSF x Near_LoA	-4,16947818	0,124	0,297
CHR5	22338019	CHR5:22338019	SSF x Near_LoA	-8,91138401	0,108	0,302
CHR5	22338040	CHR5:22338040	SSF x Near_LoA	-8,6471669	-0,038	0,304
CHR5	22338052	CHR5:22338052	SSF x Near_LoA	-7,18618552	0,142	0,299
CHR5	22338099	CHR5:22338099	SSF x Near_LoA	-9,30432536	0,097	0,301
CHR5	22338106	CHR5:22338106	SSF x Near_LoA	-8,04451586	-0,029	0,318
CHR5	22342402	CHR5:22342402	SSF x Near_LoA	-9,51368787	-0,070	0,319
CHR5	22342417	CHR5:22342417	SSF x Near_LoA	-7,80416379	-0,139	0,308
CHR5	22355288	CHR5:22355288	SSF x Near_LoA	-10,1398105	-0,036	0,307
CHR5	22355444	CHR5:22355444	SSF x Near_LoA	-10,836651	0,050	0,302
CHR5	22370528	CHR5:22370528	SSF x Near_LoA	-9,78869095	0,031	0,314
CHR5	22370863	CHR5:22370863	SSF x Near_LoA	-6,29437306	0,170	0,303
CHR5	2237555	CHR5:2237555	SSF x Near_LoA	-8,84149704	-0,023	0,307
CHR5	2237658	CHR5:2237658	SSF x Near_LoA	-9,51876972	-0,094	0,304
CHR5	22386379	CHR5:22386379	SSF x Near_LoA	-9,49047703	0,054	0,295
CHR5	22386426	CHR5:22386426	SSF x Near_LoA	-5,96555224	-0,121	0,308
CHR5	22386491	CHR5:22386491	SSF x Near_LoA	-8,84280765	-0,064	0,313
CHR5	22396229	CHR5:22396229	SSF x Near_LoA	-9,43059963	-0,060	0,306
CHR5	22411581	CHR5:22411581	SSF x Near_LoA	-1,46490011	-0,174	0,308
CHR5	22412409	CHR5:22412409	SSF x Near_LoA	-10,2077033	0,000	0,299
CHR5	22412426	CHR5:22412426	SSF x Near_LoA	-10,0706222	-0,008	0,314
CHR5	22414059	CHR5:22414059	SSF x Near_LoA	-10,3184388	0,011	0,304
CHR5	22415471	CHR5:22415471	SSF x Near_LoA	-11,6758319	0,010	0,308
CHR5	22416155	CHR5:22416155	SSF x Near_LoA	-9,76190102	-0,072	0,309
CHR5	22430092	CHR5:22430092	SSF x Near_LoA	-6,50291993	0,135	0,294
CHR5	22430192	CHR5:22430192	SSF x Near_LoA	-9,51228624	0,005	0,311

CHR5	22438973	CHR5:22438973	SSF x Near_LoA	-10,9458048	-0,030	0,310
CHR5	22438990	CHR5:22438990	SSF x Near_LoA	-6,91636735	0,085	0,310
CHR5	22450040	CHR5:22450040	SSF x Near_LoA	-8,73895201	0,046	0,316
CHR5	22450087	CHR5:22450087	SSF x Near_LoA	-9,33029704	0,029	0,313
CHR5	22450172	CHR5:22450172	SSF x Near_LoA	-8,22629141	-0,018	0,306
CHR5	22458063	CHR5:22458063	SSF x Near_LoA	-10,1243753	-0,002	0,320
CHR5	22458974	CHR5:22458974	SSF x Near_LoA	-5,63551289	-0,142	0,304
CHR5	2246065	CHR5:2246065	SSF x Near_LoA	-9,68071682	0,039	0,308
CHR5	22467319	CHR5:22467319	SSF x Near_LoA	-5,34396877	0,042	0,304
CHR5	22467398	CHR5:22467398	SSF x Near_LoA	-9,62342629	0,135	0,317
CHR5	22467437	CHR5:22467437	SSF x Near_LoA	-10,9989855	0,037	0,315
CHR5	22467449	CHR5:22467449	SSF x Near_LoA	-6,94768152	-0,071	0,302
CHR5	22470902	CHR5:22470902	SSF x Near_LoA	-6,77506239	-0,113	0,312
CHR5	22470908	CHR5:22470908	SSF x Near_LoA	-9,09344902	-0,107	0,312
CHR5	22470913	CHR5:22470913	SSF x Near_LoA	-11,4306335	0,002	0,297
CHR5	22470962	CHR5:22470962	SSF x Near_LoA	-7,58277006	0,027	0,307
CHR5	22470972	CHR5:22470972	SSF x Near_LoA	-10,6349391	0,002	0,317
CHR5	22471044	CHR5:22471044	SSF x Near_LoA	-8,67823455	0,074	0,313
CHR5	22471084	CHR5:22471084	SSF x Near_LoA	-4,31509967	-0,055	0,300
CHR5	22471139	CHR5:22471139	SSF x Near_LoA	-8,37597378	-0,040	0,308
CHR5	22471149	CHR5:22471149	SSF x Near_LoA	-9,66740775	-0,007	0,308
CHR5	22471158	CHR5:22471158	SSF x Near_LoA	-10,9000562	-0,030	0,307
CHR5	2247214	CHR5:2247214	SSF x Near_LoA	-11,3878273	0,071	0,313
CHR5	2247245	CHR5:2247245	SSF x Near_LoA	-10,1632435	0,008	0,313
CHR5	2247290	CHR5:2247290	SSF x Near_LoA	-11,7061546	-0,043	0,312
CHR5	22478723	CHR5:22478723	SSF x Near_LoA	-8,76397582	0,060	0,304
CHR5	22478794	CHR5:22478794	SSF x Near_LoA	-10,393607	-0,057	0,306
CHR5	22478849	CHR5:22478849	SSF x Near_LoA	-8,98824819	-0,044	0,313
CHR5	22478872	CHR5:22478872	SSF x Near_LoA	-9,53286689	-0,070	0,311
CHR5	22478912	CHR5:22478912	SSF x Near_LoA	-8,20565407	0,018	0,303
CHR5	22478987	CHR5:22478987	SSF x Near_LoA	-9,99950263	0,107	0,308
CHR5	22478989	CHR5:22478989	SSF x Near_LoA	-3,53186003	-0,189	0,293
CHR5	22479050	CHR5:22479050	SSF x Near_LoA	-7,22505949	0,134	0,315
CHR5	22479058	CHR5:22479058	SSF x Near_LoA	-4,95215327	-0,203	0,299
CHR5	22479063	CHR5:22479063	SSF x Near_LoA	-9,75641548	-0,017	0,300
CHR5	22483002	CHR5:22483002	SSF x Near_LoA	-6,9643713	0,148	0,291
CHR5	22501748	CHR5:22501748	SSF x Near_LoA	-10,3062363	0,095	0,295
CHR5	22501753	CHR5:22501753	SSF x Near_LoA	-7,17373844	0,026	0,308
CHR5	22507469	CHR5:22507469	SSF x Near_LoA	-8,76171932	0,036	0,302
CHR5	22507472	CHR5:22507472	SSF x Near_LoA	-5,22213256	0,029	0,312
CHR5	22507489	CHR5:22507489	SSF x Near_LoA	-8,95300047	0,003	0,304
CHR5	22507491	CHR5:22507491	SSF x Near_LoA	-7,07276866	-0,007	0,305
CHR5	22508932	CHR5:22508932	SSF x Near_LoA	-9,67409942	0,039	0,296
CHR5	22509062	CHR5:22509062	SSF x Near_LoA	-9,2667006	-0,007	0,303
CHR5	22514622	CHR5:22514622	SSF x Near_LoA	-9,66818387	-0,031	0,309
CHR5	22514647	CHR5:22514647	SSF x Near_LoA	-10,9647155	-0,047	0,309
CHR5	22514665	CHR5:22514665	SSF x Near_LoA	-11,4010746	-0,005	0,292
CHR5	22516298	CHR5:22516298	SSF x Near_LoA	-8,77821462	0,111	0,298
CHR5	22516900	CHR5:22516900	SSF x Near_LoA	-9,42606936	-0,043	0,305
CHR5	22516940	CHR5:22516940	SSF x Near_LoA	-6,38047191	0,103	0,301
CHR5	22519213	CHR5:22519213	SSF x Near_LoA	-9,65584516	-0,068	0,295
CHR5	22528750	CHR5:22528750	SSF x Near_LoA	-10,9356955	-0,001	0,311
CHR5	2253136	CHR5:2253136	SSF x Near_LoA	-9,4599166	0,011	0,305

CHR5	2253176	CHR5:2253176	SSF x Near_LoA	-10,5062242	0,054	0,301
CHR5	22532261	CHR5:22532261	SSF x Near_LoA	-3,52894892	-0,124	0,295
CHR5	22537347	CHR5:22537347	SSF x Near_LoA	-9,40511167	0,045	0,297
CHR5	22537464	CHR5:22537464	SSF x Near_LoA	-8,93496021	-0,040	0,306
CHR5	22545112	CHR5:22545112	SSF x Near_LoA	-8,77353049	-0,088	0,310
CHR5	22545119	CHR5:22545119	SSF x Near_LoA	-8,30403982	0,028	0,312
CHR5	22545124	CHR5:22545124	SSF x Near_LoA	-6,088043	-0,099	0,315
CHR5	22545131	CHR5:22545131	SSF x Near_LoA	-7,11750499	-0,115	0,298
CHR5	22545136	CHR5:22545136	SSF x Near_LoA	-9,29945949	-0,095	0,307
CHR5	22553220	CHR5:22553220	SSF x Near_LoA	-2,74006781	0,176	0,298
CHR5	22553241	CHR5:22553241	SSF x Near_LoA	-10,0257248	-0,007	0,301
CHR5	22553273	CHR5:22553273	SSF x Near_LoA	-9,96623001	-0,066	0,302
CHR5	22553301	CHR5:22553301	SSF x Near_LoA	-11,7769216	-0,011	0,305
CHR5	22553302	CHR5:22553302	SSF x Near_LoA	-11,8596767	-0,017	0,305
CHR5	22553359	CHR5:22553359	SSF x Near_LoA	-9,41765295	-0,044	0,316
CHR5	2255635	CHR5:2255635	SSF x Near_LoA	-11,1622795	0,035	0,315
CHR5	2255641	CHR5:2255641	SSF x Near_LoA	-2,83135656	0,090	0,297
CHR5	2255662	CHR5:2255662	SSF x Near_LoA	-9,40418199	0,044	0,291
CHR5	2255692	CHR5:2255692	SSF x Near_LoA	-8,74497153	0,014	0,310
CHR5	2255770	CHR5:2255770	SSF x Near_LoA	-2,84248394	0,068	0,307
CHR5	22566886	CHR5:22566886	SSF x Near_LoA	-9,39558993	-0,037	0,306
CHR5	22569750	CHR5:22569750	SSF x Near_LoA	-5,96085284	0,099	0,303
CHR5	22575452	CHR5:22575452	SSF x Near_LoA	-10,6077416	0,044	0,308
CHR5	22575474	CHR5:22575474	SSF x Near_LoA	-9,40654783	0,052	0,319
CHR5	22596274	CHR5:22596274	SSF x Near_LoA	-5,80948945	0,009	0,315
CHR5	2259781	CHR5:2259781	SSF x Near_LoA	-9,71994932	-0,011	0,321
CHR5	2259988	CHR5:2259988	SSF x Near_LoA	-9,80701522	0,161	0,299
CHR5	22601761	CHR5:22601761	SSF x Near_LoA	-11,5693573	0,061	0,307
CHR5	22656399	CHR5:22656399	SSF x Near_LoA	-7,8487834	0,025	0,314
CHR5	22657170	CHR5:22657170	SSF x Near_LoA	-9,31924832	-0,071	0,318
CHR5	2265887	CHR5:2265887	SSF x Near_LoA	-7,35021911	0,094	0,298
CHR5	2265904	CHR5:2265904	SSF x Near_LoA	-10,8173079	-0,011	0,298
CHR5	2266099	CHR5:2266099	SSF x Near_LoA	-10,4218646	-0,106	0,298
CHR5	22665450	CHR5:22665450	SSF x Near_LoA	-10,4371217	0,018	0,305
CHR5	22665495	CHR5:22665495	SSF x Near_LoA	-10,9814166	-0,019	0,303
CHR5	22665521	CHR5:22665521	SSF x Near_LoA	-11,4013059	0,018	0,320
CHR5	22665556	CHR5:22665556	SSF x Near_LoA	-9,00789803	0,044	0,314
CHR5	22665657	CHR5:22665657	SSF x Near_LoA	-10,4164214	0,029	0,301
CHR5	22665679	CHR5:22665679	SSF x Near_LoA	-10,3015566	-0,010	0,305
CHR5	22668392	CHR5:22668392	SSF x Near_LoA	-10,2230252	0,022	0,310
CHR5	22668397	CHR5:22668397	SSF x Near_LoA	-7,96233306	-0,038	0,306
CHR5	22668426	CHR5:22668426	SSF x Near_LoA	-7,30724848	-0,068	0,313
CHR5	22672295	CHR5:22672295	SSF x Near_LoA	-8,89929512	0,112	0,296
CHR5	22672301	CHR5:22672301	SSF x Near_LoA	-6,50883019	0,104	0,310
CHR5	22672311	CHR5:22672311	SSF x Near_LoA	-8,30195057	0,083	0,306
CHR5	22672340	CHR5:22672340	SSF x Near_LoA	-7,89100616	0,129	0,301
CHR5	22674580	CHR5:22674580	SSF x Near_LoA	-12,4123397	0,005	0,321
CHR5	22674623	CHR5:22674623	SSF x Near_LoA	-9,70225857	-0,012	0,300
CHR5	22674708	CHR5:22674708	SSF x Near_LoA	-8,04386026	-0,066	0,304
CHR5	22674728	CHR5:22674728	SSF x Near_LoA	-9,49327882	-0,034	0,318
CHR5	22674732	CHR5:22674732	SSF x Near_LoA	-10,4912585	0,098	0,293
CHR5	22674753	CHR5:22674753	SSF x Near_LoA	-8,81558741	0,041	0,310
CHR5	22674759	CHR5:22674759	SSF x Near_LoA	-9,89372511	-0,015	0,292

CHR5	22674769	CHR5:22674769	SSF x Near_LoA	-10,011503	-0,047	0,307
CHR5	22677397	CHR5:22677397	SSF x Near_LoA	-9,7400647	-0,038	0,317
CHR5	22677432	CHR5:22677432	SSF x Near_LoA	-10,2729658	0,101	0,306
CHR5	22685551	CHR5:22685551	SSF x Near_LoA	-10,120119	0,093	0,291
CHR5	2269097	CHR5:2269097	SSF x Near_LoA	-8,00304169	-0,002	0,311
CHR5	22693322	CHR5:22693322	SSF x Near_LoA	-10,1555246	0,029	0,300
CHR5	22693354	CHR5:22693354	SSF x Near_LoA	-6,01707346	-0,203	0,285
CHR5	22693359	CHR5:22693359	SSF x Near_LoA	-4,33576333	-0,206	0,298
CHR5	22693369	CHR5:22693369	SSF x Near_LoA	-10,4984858	-0,111	0,305
CHR5	22693440	CHR5:22693440	SSF x Near_LoA	-7,00579447	-0,066	0,323
CHR5	22693527	CHR5:22693527	SSF x Near_LoA	-8,47253183	0,040	0,302
CHR5	22699381	CHR5:22699381	SSF x Near_LoA	-8,54446694	-0,062	0,308
CHR5	22699436	CHR5:22699436	SSF x Near_LoA	-7,08833761	-0,006	0,300
CHR5	22699490	CHR5:22699490	SSF x Near_LoA	-10,9479813	0,014	0,313
CHR5	22699510	CHR5:22699510	SSF x Near_LoA	-9,75560816	0,020	0,296
CHR5	22702314	CHR5:22702314	SSF x Near_LoA	-8,87649376	0,013	0,287
CHR5	22702397	CHR5:22702397	SSF x Near_LoA	-10,412772	-0,011	0,316
CHR5	2270241	CHR5:2270241	SSF x Near_LoA	-11,4256363	0,058	0,304
CHR5	2270268	CHR5:2270268	SSF x Near_LoA	-8,60470638	-0,036	0,306
CHR5	2270281	CHR5:2270281	SSF x Near_LoA	-9,2739793	-0,077	0,309
CHR5	22702940	CHR5:22702940	SSF x Near_LoA	-8,15862999	0,117	0,294
CHR5	2270322	CHR5:2270322	SSF x Near_LoA	-10,0549936	-0,057	0,296
CHR5	22706709	CHR5:22706709	SSF x Near_LoA	-11,5029921	-0,018	0,308
CHR5	22706778	CHR5:22706778	SSF x Near_LoA	-4,73391243	0,093	0,317
CHR5	22706949	CHR5:22706949	SSF x Near_LoA	-10,5155919	-0,108	0,317
CHR5	22711688	CHR5:22711688	SSF x Near_LoA	-9,48341299	0,039	0,304
CHR5	22711699	CHR5:22711699	SSF x Near_LoA	-8,58005083	0,033	0,307
CHR5	22711786	CHR5:22711786	SSF x Near_LoA	-5,14340739	0,174	0,300
CHR5	22711787	CHR5:22711787	SSF x Near_LoA	-11,3654183	-0,042	0,313
CHR5	22711842	CHR5:22711842	SSF x Near_LoA	-6,43278134	-0,106	0,309
CHR5	22711859	CHR5:22711859	SSF x Near_LoA	-8,78158065	0,138	0,297
CHR5	22721685	CHR5:22721685	SSF x Near_LoA	-8,51478208	-0,024	0,315
CHR5	22721741	CHR5:22721741	SSF x Near_LoA	-9,75735118	-0,029	0,300
CHR5	22721748	CHR5:22721748	SSF x Near_LoA	-9,79745066	0,017	0,295
CHR5	22721846	CHR5:22721846	SSF x Near_LoA	-11,0189341	-0,017	0,311
CHR5	22721912	CHR5:22721912	SSF x Near_LoA	-8,69950783	0,091	0,299
CHR5	22721924	CHR5:22721924	SSF x Near_LoA	-10,3018935	0,060	0,307
CHR5	22721938	CHR5:22721938	SSF x Near_LoA	-9,01781983	0,012	0,305
CHR5	22721952	CHR5:22721952	SSF x Near_LoA	-10,4214625	-0,022	0,299
CHR5	22730265	CHR5:22730265	SSF x Near_LoA	-9,23442394	0,116	0,307
CHR5	22730266	CHR5:22730266	SSF x Near_LoA	-9,32118987	0,095	0,308
CHR5	22730294	CHR5:22730294	SSF x Near_LoA	-10,2677808	-0,102	0,306
CHR5	22730487	CHR5:22730487	SSF x Near_LoA	-9,59858201	0,116	0,307
CHR5	2273771	CHR5:2273771	SSF x Near_LoA	-7,72990134	-0,137	0,295
CHR5	22738423	CHR5:22738423	SSF x Near_LoA	-9,05146525	-0,034	0,300
CHR5	22738457	CHR5:22738457	SSF x Near_LoA	-8,44774657	0,122	0,308
CHR5	22738461	CHR5:22738461	SSF x Near_LoA	-8,65553408	-0,096	0,307
CHR5	22738537	CHR5:22738537	SSF x Near_LoA	-10,5343667	-0,025	0,306
CHR5	22743069	CHR5:22743069	SSF x Near_LoA	-6,38590946	-0,136	0,305
CHR5	22747147	CHR5:22747147	SSF x Near_LoA	-9,26719633	-0,034	0,304
CHR5	22747148	CHR5:22747148	SSF x Near_LoA	-10,3877395	-0,047	0,315
CHR5	22747193	CHR5:22747193	SSF x Near_LoA	-8,1075602	-0,035	0,293
CHR5	22747222	CHR5:22747222	SSF x Near_LoA	-10,3991617	-0,031	0,305

CHR5	22747223	CHR5:22747223	SSF x Near_LoA	-10,024948	-0,045	0,318
CHR5	22747227	CHR5:22747227	SSF x Near_LoA	-8,98978885	-0,066	0,317
CHR5	22747295	CHR5:22747295	SSF x Near_LoA	-8,84921165	-0,050	0,303
CHR5	22747346	CHR5:22747346	SSF x Near_LoA	-9,71657141	-0,032	0,302
CHR5	2275408	CHR5:2275408	SSF x Near_LoA	-10,0688325	0,117	0,303
CHR5	22756241	CHR5:22756241	SSF x Near_LoA	-9,32007838	0,092	0,297
CHR5	22756277	CHR5:22756277	SSF x Near_LoA	-9,18009753	-0,034	0,310
CHR5	22756311	CHR5:22756311	SSF x Near_LoA	-9,76344941	-0,096	0,305
CHR5	22756329	CHR5:22756329	SSF x Near_LoA	-10,2425918	-0,068	0,315
CHR5	22756382	CHR5:22756382	SSF x Near_LoA	-10,5415675	-0,022	0,302
CHR5	22762376	CHR5:22762376	SSF x Near_LoA	-10,7000345	0,024	0,308
CHR5	2277669	CHR5:2277669	SSF x Near_LoA	-8,75401411	-0,067	0,307
CHR5	22777368	CHR5:22777368	SSF x Near_LoA	-9,62881711	0,042	0,307
CHR5	2277740	CHR5:2277740	SSF x Near_LoA	-11,064913	0,008	0,306
CHR5	22777451	CHR5:22777451	SSF x Near_LoA	-7,34139156	-0,001	0,303
CHR5	22777466	CHR5:22777466	SSF x Near_LoA	-9,16494309	-0,010	0,298
CHR5	22784035	CHR5:22784035	SSF x Near_LoA	-9,6494749	0,181	0,292
CHR5	22784038	CHR5:22784038	SSF x Near_LoA	-10,1808251	0,008	0,309
CHR5	2278645	CHR5:2278645	SSF x Near_LoA	-7,22977663	0,040	0,320
CHR5	22786861	CHR5:22786861	SSF x Near_LoA	-9,51677261	0,038	0,312
CHR5	22796508	CHR5:22796508	SSF x Near_LoA	-11,6543659	0,024	0,319
CHR5	22803521	CHR5:22803521	SSF x Near_LoA	-8,43182832	-0,176	0,304
CHR5	22820659	CHR5:22820659	SSF x Near_LoA	-11,2820132	-0,003	0,316
CHR5	2286340	CHR5:2286340	SSF x Near_LoA	-11,1531435	0,043	0,297
CHR5	2286341	CHR5:2286341	SSF x Near_LoA	-5,86814242	0,141	0,310
CHR5	2286363	CHR5:2286363	SSF x Near_LoA	-8,51804514	0,027	0,304
CHR5	2286365	CHR5:2286365	SSF x Near_LoA	-9,75772904	0,044	0,313
CHR5	2286372	CHR5:2286372	SSF x Near_LoA	-6,64724722	-0,100	0,296
CHR5	2286376	CHR5:2286376	SSF x Near_LoA	-10,192514	-0,025	0,314
CHR5	2286428	CHR5:2286428	SSF x Near_LoA	-10,7850171	-0,078	0,301
CHR5	2286431	CHR5:2286431	SSF x Near_LoA	-7,85116259	-0,050	0,302
CHR5	2286434	CHR5:2286434	SSF x Near_LoA	-10,3442375	0,108	0,295
CHR5	22868434	CHR5:22868434	SSF x Near_LoA	-9,88962823	0,021	0,306
CHR5	22868583	CHR5:22868583	SSF x Near_LoA	-11,2004032	0,014	0,298
CHR5	22874063	CHR5:22874063	SSF x Near_LoA	-10,1461648	-0,021	0,320
CHR5	22874156	CHR5:22874156	SSF x Near_LoA	-8,90041054	0,009	0,307
CHR5	22878000	CHR5:22878000	SSF x Near_LoA	-9,99750335	-0,076	0,323
CHR5	22878006	CHR5:22878006	SSF x Near_LoA	-8,60564954	0,084	0,302
CHR5	2290660	CHR5:2290660	SSF x Near_LoA	-8,31809692	0,098	0,308
CHR5	22914388	CHR5:22914388	SSF x Near_LoA	-9,98843333	0,046	0,301
CHR5	22927075	CHR5:22927075	SSF x Near_LoA	-11,4330306	0,007	0,306
CHR5	22927081	CHR5:22927081	SSF x Near_LoA	-8,1771326	0,010	0,323
CHR5	22927157	CHR5:22927157	SSF x Near_LoA	-8,74326002	-0,063	0,300
CHR5	22927175	CHR5:22927175	SSF x Near_LoA	-8,87092892	-0,097	0,307
CHR5	22927180	CHR5:22927180	SSF x Near_LoA	-8,08648053	-0,115	0,305
CHR5	22927199	CHR5:22927199	SSF x Near_LoA	-8,78283281	-0,017	0,302
CHR5	22932776	CHR5:22932776	SSF x Near_LoA	-10,2386538	-0,031	0,303
CHR5	22932855	CHR5:22932855	SSF x Near_LoA	-9,90402509	0,049	0,309
CHR5	22947702	CHR5:22947702	SSF x Near_LoA	-9,34612244	0,025	0,309
CHR5	22947734	CHR5:22947734	SSF x Near_LoA	-8,99244089	-0,030	0,310
CHR5	22947740	CHR5:22947740	SSF x Near_LoA	-10,4929875	0,011	0,308
CHR5	22947755	CHR5:22947755	SSF x Near_LoA	-11,2377296	0,021	0,306
CHR5	22947756	CHR5:22947756	SSF x Near_LoA	-11,0897649	0,058	0,296

CHR5	22947769	CHR5:22947769	SSF x Near_LoA	-9,23197013	0,028	0,313
CHR5	22947774	CHR5:22947774	SSF x Near_LoA	-10,6942973	0,014	0,311
CHR5	22947824	CHR5:22947824	SSF x Near_LoA	-10,7405637	0,011	0,317
CHR5	22952270	CHR5:22952270	SSF x Near_LoA	-7,24326459	0,010	0,326
CHR5	2295700	CHR5:2295700	SSF x Near_LoA	-8,20092621	0,016	0,309
CHR5	22957976	CHR5:22957976	SSF x Near_LoA	-8,81074321	0,025	0,297
CHR5	22965411	CHR5:22965411	SSF x Near_LoA	-2,01079525	0,104	0,319
CHR5	2297563	CHR5:2297563	SSF x Near_LoA	-6,29209794	0,070	0,304
CHR5	2297586	CHR5:2297586	SSF x Near_LoA	-7,39569685	-0,140	0,308
CHR5	2297749	CHR5:2297749	SSF x Near_LoA	-9,08350734	0,160	0,308
CHR5	2297759	CHR5:2297759	SSF x Near_LoA	-9,26048836	-0,030	0,306
CHR5	2297767	CHR5:2297767	SSF x Near_LoA	-6,44483703	-0,094	0,317
CHR5	23016685	CHR5:23016685	SSF x Near_LoA	-9,58599196	-0,009	0,310
CHR5	23016779	CHR5:23016779	SSF x Near_LoA	-10,7487492	0,017	0,303
CHR5	23016824	CHR5:23016824	SSF x Near_LoA	-10,7300498	-0,019	0,307
CHR5	23019929	CHR5:23019929	SSF x Near_LoA	-9,39692202	-0,009	0,301
CHR5	23019984	CHR5:23019984	SSF x Near_LoA	-4,28916872	-0,080	0,307
CHR5	23020008	CHR5:23020008	SSF x Near_LoA	-8,83961774	-0,076	0,308
CHR5	23020556	CHR5:23020556	SSF x Near_LoA	-11,2306264	0,027	0,301
CHR5	23029071	CHR5:23029071	SSF x Near_LoA	-11,3437651	0,077	0,296
CHR5	23029135	CHR5:23029135	SSF x Near_LoA	-8,03160301	-0,109	0,311
CHR5	23037951	CHR5:23037951	SSF x Near_LoA	-7,11482935	0,012	0,313
CHR5	23040946	CHR5:23040946	SSF x Near_LoA	-10,1084345	-0,082	0,292
CHR5	23041018	CHR5:23041018	SSF x Near_LoA	-11,552074	-0,018	0,305
CHR5	23041040	CHR5:23041040	SSF x Near_LoA	-8,5671617	-0,037	0,311
CHR5	23041130	CHR5:23041130	SSF x Near_LoA	-9,99489734	-0,092	0,302
CHR5	23041131	CHR5:23041131	SSF x Near_LoA	-7,85342211	0,077	0,312
CHR5	23047363	CHR5:23047363	SSF x Near_LoA	-10,5948566	-0,029	0,307
CHR5	23047373	CHR5:23047373	SSF x Near_LoA	-8,88973756	0,030	0,306
CHR5	23047385	CHR5:23047385	SSF x Near_LoA	-4,12839269	0,060	0,315
CHR5	23047403	CHR5:23047403	SSF x Near_LoA	-10,8958357	-0,073	0,314
CHR5	23047591	CHR5:23047591	SSF x Near_LoA	-9,08423623	-0,007	0,305
CHR5	23052057	CHR5:23052057	SSF x Near_LoA	-10,4115155	0,032	0,314
CHR5	23053130	CHR5:23053130	SSF x Near_LoA	-8,43206949	-0,052	0,311
CHR5	23053142	CHR5:23053142	SSF x Near_LoA	-9,0999381	0,108	0,308
CHR5	23055048	CHR5:23055048	SSF x Near_LoA	-9,49311538	-0,013	0,301
CHR5	23055159	CHR5:23055159	SSF x Near_LoA	-11,2296373	0,069	0,307
CHR5	23055195	CHR5:23055195	SSF x Near_LoA	-9,75273956	0,051	0,314
CHR5	23061616	CHR5:23061616	SSF x Near_LoA	-9,61104081	0,041	0,306
CHR5	23067791	CHR5:23067791	SSF x Near_LoA	-6,01611659	-0,075	0,313
CHR5	23084409	CHR5:23084409	SSF x Near_LoA	-10,5406787	0,056	0,304
CHR5	23096692	CHR5:23096692	SSF x Near_LoA	-11,352852	0,018	0,308
CHR5	23096746	CHR5:23096746	SSF x Near_LoA	-4,83412406	0,048	0,309
CHR5	23110197	CHR5:23110197	SSF x Near_LoA	5,5379854	-0,029	0,309
CHR5	23115956	CHR5:23115956	SSF x Near_LoA	-11,2097425	0,037	0,297
CHR5	23119053	CHR5:23119053	SSF x Near_LoA	-10,5618345	0,073	0,296
CHR5	23119138	CHR5:23119138	SSF x Near_LoA	-11,3198248	0,002	0,292
CHR5	23150636	CHR5:23150636	SSF x Near_LoA	-9,56179594	0,042	0,301
CHR5	23173981	CHR5:23173981	SSF x Near_LoA	-11,2997013	-0,078	0,316
CHR5	23174064	CHR5:23174064	SSF x Near_LoA	-7,92120227	0,119	0,306
CHR5	23174076	CHR5:23174076	SSF x Near_LoA	-2,62615365	0,137	0,313
CHR5	23177489	CHR5:23177489	SSF x Near_LoA	-8,62348038	-0,058	0,314
CHR5	23178769	CHR5:23178769	SSF x Near_LoA	-4,36474697	-0,116	0,309

CHR5	23184254	CHR5:23184254	SSF x Near_LoA	-8,37731872	-0,067	0,300
CHR5	23184509	CHR5:23184509	SSF x Near_LoA	-10,5101997	0,018	0,302
CHR5	23198274	CHR5:23198274	SSF x Near_LoA	-3,49649128	0,128	0,293
CHR5	23204613	CHR5:23204613	SSF x Near_LoA	-8,92562027	0,116	0,298
CHR5	23211761	CHR5:23211761	SSF x Near_LoA	-6,96936094	-0,104	0,314
CHR5	23218697	CHR5:23218697	SSF x Near_LoA	-7,55958234	-0,122	0,306
CHR5	23220605	CHR5:23220605	SSF x Near_LoA	-9,56927185	-0,040	0,294
CHR5	23220621	CHR5:23220621	SSF x Near_LoA	-9,21394142	-0,107	0,294
CHR5	23220639	CHR5:23220639	SSF x Near_LoA	-9,61219599	-0,061	0,286
CHR5	23239168	CHR5:23239168	SSF x Near_LoA	-9,47195864	0,038	0,314
CHR5	23239171	CHR5:23239171	SSF x Near_LoA	-8,21900014	0,070	0,306
CHR5	23239336	CHR5:23239336	SSF x Near_LoA	-9,81350857	-0,037	0,321
CHR5	23240361	CHR5:23240361	SSF x Near_LoA	-6,06645685	-0,039	0,313
CHR5	2326618	CHR5:2326618	SSF x Near_LoA	-10,8232335	0,013	0,296
CHR5	23285678	CHR5:23285678	SSF x Near_LoA	-10,4891375	-0,047	0,315
CHR5	23285741	CHR5:23285741	SSF x Near_LoA	-8,85137175	0,071	0,303
CHR5	23286857	CHR5:23286857	SSF x Near_LoA	-9,64162597	-0,045	0,301
CHR5	23286890	CHR5:23286890	SSF x Near_LoA	-8,85489054	-0,089	0,305
CHR5	23286894	CHR5:23286894	SSF x Near_LoA	-9,75145469	-0,039	0,308
CHR5	23286973	CHR5:23286973	SSF x Near_LoA	-9,56752162	0,089	0,301
CHR5	23286982	CHR5:23286982	SSF x Near_LoA	-9,33145682	0,074	0,306
CHR5	23286990	CHR5:23286990	SSF x Near_LoA	-8,50532305	-0,014	0,298
CHR5	23287060	CHR5:23287060	SSF x Near_LoA	-10,7038545	0,022	0,302
CHR5	23287109	CHR5:23287109	SSF x Near_LoA	-8,8134286	-0,042	0,315
CHR5	23287128	CHR5:23287128	SSF x Near_LoA	-6,42298978	0,042	0,307
CHR5	2329812	CHR5:2329812	SSF x Near_LoA	-8,22754913	-0,013	0,309
CHR5	2329833	CHR5:2329833	SSF x Near_LoA	-9,63686897	0,111	0,302
CHR5	23302567	CHR5:23302567	SSF x Near_LoA	-9,15043167	0,043	0,302
CHR5	23302623	CHR5:23302623	SSF x Near_LoA	-9,12080479	-0,100	0,303
CHR5	23302673	CHR5:23302673	SSF x Near_LoA	-8,92342552	0,027	0,306
CHR5	23302687	CHR5:23302687	SSF x Near_LoA	-10,0752007	-0,054	0,302
CHR5	23303124	CHR5:23303124	SSF x Near_LoA	-8,95888787	0,024	0,315
CHR5	23303128	CHR5:23303128	SSF x Near_LoA	-8,80831381	-0,046	0,311
CHR5	23303142	CHR5:23303142	SSF x Near_LoA	-8,62519465	0,097	0,286
CHR5	23309452	CHR5:23309452	SSF x Near_LoA	-8,43002788	-0,101	0,301
CHR5	23309606	CHR5:23309606	SSF x Near_LoA	-0,0499171	-0,051	0,320
CHR5	2331860	CHR5:2331860	SSF x Near_LoA	-8,89828788	0,012	0,314
CHR5	23318741	CHR5:23318741	SSF x Near_LoA	-6,42593329	0,111	0,309
CHR5	23318963	CHR5:23318963	SSF x Near_LoA	-10,1346852	-0,134	0,297
CHR5	23319004	CHR5:23319004	SSF x Near_LoA	-9,72122524	-0,027	0,323
CHR5	2332106	CHR5:2332106	SSF x Near_LoA	-9,41396798	0,036	0,311
CHR5	2332154	CHR5:2332154	SSF x Near_LoA	-12,2193651	0,018	0,300
CHR5	23321635	CHR5:23321635	SSF x Near_LoA	-8,12265031	-0,029	0,300
CHR5	23330838	CHR5:23330838	SSF x Near_LoA	-11,0657034	-0,011	0,307
CHR5	23330936	CHR5:23330936	SSF x Near_LoA	-9,38234243	0,131	0,298
CHR5	23332014	CHR5:23332014	SSF x Near_LoA	-5,43781982	0,007	0,318
CHR5	23342093	CHR5:23342093	SSF x Near_LoA	-8,95934269	0,191	0,300
CHR5	23342254	CHR5:23342254	SSF x Near_LoA	-6,02340394	0,174	0,284
CHR5	23346388	CHR5:23346388	SSF x Near_LoA	-6,3679687	-0,029	0,304
CHR5	23347557	CHR5:23347557	SSF x Near_LoA	-11,2271698	-0,025	0,299
CHR5	23358248	CHR5:23358248	SSF x Near_LoA	-9,01127497	0,014	0,313
CHR5	23358263	CHR5:23358263	SSF x Near_LoA	-9,45391869	-0,169	0,294
CHR5	23375040	CHR5:23375040	SSF x Near_LoA	-7,56860076	-0,133	0,304

CHR5	23375056	CHR5:23375056	SSF x Near_LoA	-11,7660259	0,007	0,307
CHR5	23377770	CHR5:23377770	SSF x Near_LoA	-11,5303071	0,072	0,299
CHR5	23377792	CHR5:23377792	SSF x Near_LoA	-8,82196594	0,097	0,320
CHR5	23377795	CHR5:23377795	SSF x Near_LoA	-11,0868825	0,079	0,301
CHR5	23377799	CHR5:23377799	SSF x Near_LoA	-6,74897222	-0,019	0,314
CHR5	23377904	CHR5:23377904	SSF x Near_LoA	-10,5611658	0,029	0,307
CHR5	23377945	CHR5:23377945	SSF x Near_LoA	-10,928577	0,013	0,302
CHR5	23389328	CHR5:23389328	SSF x Near_LoA	-7,91077984	0,131	0,312
CHR5	23389338	CHR5:23389338	SSF x Near_LoA	-9,88044192	-0,042	0,311
CHR5	23389347	CHR5:23389347	SSF x Near_LoA	-7,74775648	0,163	0,305
CHR5	23389411	CHR5:23389411	SSF x Near_LoA	-4,64728759	-0,026	0,301
CHR5	23389432	CHR5:23389432	SSF x Near_LoA	-10,4737082	-0,083	0,299
CHR5	23389513	CHR5:23389513	SSF x Near_LoA	-6,57645336	-0,168	0,299
CHR5	23389518	CHR5:23389518	SSF x Near_LoA	-5,84608823	-0,145	0,303
CHR5	23399418	CHR5:23399418	SSF x Near_LoA	-7,78169268	-0,163	0,306
CHR5	23399430	CHR5:23399430	SSF x Near_LoA	-6,45347459	0,029	0,325
CHR5	23399482	CHR5:23399482	SSF x Near_LoA	-12,1852532	-0,040	0,301
CHR5	23399501	CHR5:23399501	SSF x Near_LoA	-10,6494692	0,084	0,302
CHR5	23399544	CHR5:23399544	SSF x Near_LoA	-11,3591569	-0,008	0,321
CHR5	23408195	CHR5:23408195	SSF x Near_LoA	-8,00939962	0,050	0,304
CHR5	23408200	CHR5:23408200	SSF x Near_LoA	-9,0444947	-0,087	0,303
CHR5	23408251	CHR5:23408251	SSF x Near_LoA	-9,63766356	-0,169	0,309
CHR5	23408279	CHR5:23408279	SSF x Near_LoA	-11,2549934	-0,066	0,302
CHR5	23408280	CHR5:23408280	SSF x Near_LoA	-10,9669009	-0,049	0,319
CHR5	23408281	CHR5:23408281	SSF x Near_LoA	-11,0515357	-0,064	0,300
CHR5	23408309	CHR5:23408309	SSF x Near_LoA	-9,34478691	-0,048	0,315
CHR5	23408329	CHR5:23408329	SSF x Near_LoA	-11,1997026	-0,026	0,295
CHR5	23411791	CHR5:23411791	SSF x Near_LoA	-8,39722272	0,021	0,307
CHR5	23411853	CHR5:23411853	SSF x Near_LoA	-9,15086304	-0,057	0,303
CHR5	23416643	CHR5:23416643	SSF x Near_LoA	-10,0384368	-0,116	0,304
CHR5	23416677	CHR5:23416677	SSF x Near_LoA	-10,2697648	0,032	0,301
CHR5	23416758	CHR5:23416758	SSF x Near_LoA	-10,500273	0,009	0,296
CHR5	23419179	CHR5:23419179	SSF x Near_LoA	-8,89432969	0,058	0,309
CHR5	23422692	CHR5:23422692	SSF x Near_LoA	-10,7776738	0,031	0,309
CHR5	23422748	CHR5:23422748	SSF x Near_LoA	-3,7502268	0,126	0,293
CHR5	23422772	CHR5:23422772	SSF x Near_LoA	-6,40650009	0,087	0,312
CHR5	23424674	CHR5:23424674	SSF x Near_LoA	-11,2177658	-0,022	0,304
CHR5	23424713	CHR5:23424713	SSF x Near_LoA	-10,4855225	0,008	0,319
CHR5	23424728	CHR5:23424728	SSF x Near_LoA	-11,3686727	-0,023	0,310
CHR5	23424739	CHR5:23424739	SSF x Near_LoA	-10,5832165	-0,051	0,310
CHR5	23424793	CHR5:23424793	SSF x Near_LoA	-8,208436	-0,090	0,315
CHR5	23424811	CHR5:23424811	SSF x Near_LoA	-10,8525268	-0,047	0,294
CHR5	23424831	CHR5:23424831	SSF x Near_LoA	-7,97259698	0,016	0,304
CHR5	23424887	CHR5:23424887	SSF x Near_LoA	-10,4740835	-0,014	0,299
CHR5	23445783	CHR5:23445783	SSF x Near_LoA	-9,82013826	-0,058	0,325
CHR5	23453343	CHR5:23453343	SSF x Near_LoA	-4,45814039	0,002	0,297
CHR5	23453815	CHR5:23453815	SSF x Near_LoA	-5,29806788	-0,041	0,307
CHR5	23453823	CHR5:23453823	SSF x Near_LoA	-9,03397393	0,018	0,309
CHR5	23462124	CHR5:23462124	SSF x Near_LoA	-8,69445429	0,043	0,314
CHR5	23462162	CHR5:23462162	SSF x Near_LoA	-10,5848341	-0,028	0,305
CHR5	23479686	CHR5:23479686	SSF x Near_LoA	-9,26918984	-0,055	0,307
CHR5	23479908	CHR5:23479908	SSF x Near_LoA	-3,80338904	0,004	0,309
CHR5	23481888	CHR5:23481888	SSF x Near_LoA	-8,93713361	-0,082	0,290

CHR5	23482641	CHR5:23482641	SSF x Near_LoA	-9,61182528	-0,045	0,299
CHR5	23482677	CHR5:23482677	SSF x Near_LoA	-8,81103855	0,212	0,292
CHR5	23493137	CHR5:23493137	SSF x Near_LoA	-9,92934148	-0,079	0,292
CHR5	23507306	CHR5:23507306	SSF x Near_LoA	-5,84071064	-0,034	0,322
CHR5	23514950	CHR5:23514950	SSF x Near_LoA	-11,2815494	0,008	0,323
CHR5	23515017	CHR5:23515017	SSF x Near_LoA	-11,8120446	0,035	0,304
CHR5	23518138	CHR5:23518138	SSF x Near_LoA	-9,28998792	-0,045	0,321
CHR5	23519057	CHR5:23519057	SSF x Near_LoA	-5,09768599	0,150	0,319
CHR5	23520144	CHR5:23520144	SSF x Near_LoA	-9,63895516	-0,007	0,315
CHR5	23520206	CHR5:23520206	SSF x Near_LoA	-10,1433378	0,089	0,296
CHR5	23520213	CHR5:23520213	SSF x Near_LoA	-11,3610286	0,005	0,297
CHR5	23521485	CHR5:23521485	SSF x Near_LoA	-8,68874581	0,053	0,301
CHR5	23521536	CHR5:23521536	SSF x Near_LoA	-8,54330947	-0,055	0,325
CHR5	23521567	CHR5:23521567	SSF x Near_LoA	-7,90919327	-0,077	0,311
CHR5	23521741	CHR5:23521741	SSF x Near_LoA	-8,20984255	-0,162	0,300
CHR5	23526200	CHR5:23526200	SSF x Near_LoA	-9,66069385	0,118	0,283
CHR5	23543465	CHR5:23543465	SSF x Near_LoA	-9,4604355	0,118	0,303
CHR5	23543472	CHR5:23543472	SSF x Near_LoA	-9,19848939	0,053	0,301
CHR5	23548773	CHR5:23548773	SSF x Near_LoA	-10,2794509	0,067	0,314
CHR5	23548779	CHR5:23548779	SSF x Near_LoA	-9,9289672	-0,094	0,306
CHR5	23549806	CHR5:23549806	SSF x Near_LoA	-7,47140681	0,090	0,312
CHR5	23549849	CHR5:23549849	SSF x Near_LoA	-9,62399689	0,048	0,304
CHR5	23558125	CHR5:23558125	SSF x Near_LoA	-9,72875878	0,079	0,312
CHR5	23567355	CHR5:23567355	SSF x Near_LoA	-9,085509	0,078	0,295
CHR5	23567365	CHR5:23567365	SSF x Near_LoA	-9,90906031	0,034	0,305
CHR5	23567387	CHR5:23567387	SSF x Near_LoA	-11,629471	-0,038	0,303
CHR5	23567396	CHR5:23567396	SSF x Near_LoA	-10,1325324	-0,130	0,306
CHR5	23582675	CHR5:23582675	SSF x Near_LoA	-6,13321796	0,127	0,311
CHR5	23582717	CHR5:23582717	SSF x Near_LoA	-10,512421	0,030	0,313
CHR5	23582748	CHR5:23582748	SSF x Near_LoA	-9,59177246	-0,009	0,307
CHR5	23582776	CHR5:23582776	SSF x Near_LoA	-5,43853975	-0,162	0,304
CHR5	23586660	CHR5:23586660	SSF x Near_LoA	-7,9880481	-0,075	0,312
CHR5	23586692	CHR5:23586692	SSF x Near_LoA	-9,15900479	0,096	0,298
CHR5	23586729	CHR5:23586729	SSF x Near_LoA	-10,3026347	0,145	0,301
CHR5	23586759	CHR5:23586759	SSF x Near_LoA	-10,2109261	0,058	0,300
CHR5	23586764	CHR5:23586764	SSF x Near_LoA	-7,47329062	0,074	0,308
CHR5	23589386	CHR5:23589386	SSF x Near_LoA	-9,41487186	0,000	0,311
CHR5	23593777	CHR5:23593777	SSF x Near_LoA	-7,64660767	0,193	0,308
CHR5	23593794	CHR5:23593794	SSF x Near_LoA	-11,0837188	-0,036	0,277
CHR5	23594004	CHR5:23594004	SSF x Near_LoA	-11,4296409	0,016	0,304
CHR5	23594043	CHR5:23594043	SSF x Near_LoA	-8,96579095	-0,039	0,307
CHR5	23594103	CHR5:23594103	SSF x Near_LoA	-6,75842713	0,055	0,307
CHR5	23594104	CHR5:23594104	SSF x Near_LoA	-8,57402205	0,042	0,299
CHR5	23595670	CHR5:23595670	SSF x Near_LoA	-11,0320601	-0,077	0,315
CHR5	23595783	CHR5:23595783	SSF x Near_LoA	-10,5003289	0,020	0,307
CHR5	2360069	CHR5:2360069	SSF x Near_LoA	-9,38085806	-0,086	0,292
CHR5	2360083	CHR5:2360083	SSF x Near_LoA	-9,60233021	-0,049	0,310
CHR5	2360084	CHR5:2360084	SSF x Near_LoA	-8,1125716	0,067	0,307
CHR5	23603250	CHR5:23603250	SSF x Near_LoA	-10,9833166	0,053	0,311
CHR5	2360355	CHR5:2360355	SSF x Near_LoA	-11,0297488	0,074	0,306
CHR5	23616234	CHR5:23616234	SSF x Near_LoA	-7,82734253	-0,110	0,328
CHR5	23621677	CHR5:23621677	SSF x Near_LoA	-8,35371687	-0,047	0,297
CHR5	23626273	CHR5:23626273	SSF x Near_LoA	-11,8122447	-0,043	0,306

CHR5	23626283	CHR5:23626283	SSF x Near_LoA	-10,1505733	0,005	0,292
CHR5	2362629	CHR5:2362629	SSF x Near_LoA	-1,00257213	-0,027	0,317
CHR5	23626336	CHR5:23626336	SSF x Near_LoA	-7,6978879	-0,094	0,307
CHR5	2362671	CHR5:2362671	SSF x Near_LoA	-9,13449958	-0,060	0,312
CHR5	2363599	CHR5:2363599	SSF x Near_LoA	-8,62287971	0,173	0,289
CHR5	2363631	CHR5:2363631	SSF x Near_LoA	-5,59168993	-0,122	0,302
CHR5	2363647	CHR5:2363647	SSF x Near_LoA	-11,2888298	-0,045	0,308
CHR5	23640877	CHR5:23640877	SSF x Near_LoA	-10,8698991	0,045	0,314
CHR5	23640888	CHR5:23640888	SSF x Near_LoA	-7,80378516	0,002	0,324
CHR5	23640946	CHR5:23640946	SSF x Near_LoA	-11,7198989	-0,030	0,310
CHR5	23640953	CHR5:23640953	SSF x Near_LoA	-8,55418498	0,088	0,293
CHR5	23649098	CHR5:23649098	SSF x Near_LoA	-11,2892506	-0,042	0,322
CHR5	23649099	CHR5:23649099	SSF x Near_LoA	-11,7396003	-0,042	0,313
CHR5	23656252	CHR5:23656252	SSF x Near_LoA	-8,71385051	0,045	0,305
CHR5	23656505	CHR5:23656505	SSF x Near_LoA	-9,28193733	0,005	0,321
CHR5	23662402	CHR5:23662402	SSF x Near_LoA	1,13014124	-0,013	0,308
CHR5	23662443	CHR5:23662443	SSF x Near_LoA	-9,88201479	-0,093	0,312
CHR5	23662484	CHR5:23662484	SSF x Near_LoA	-6,95700909	-0,140	0,298
CHR5	23662631	CHR5:23662631	SSF x Near_LoA	-11,38396	0,044	0,306
CHR5	23662632	CHR5:23662632	SSF x Near_LoA	-10,1404963	0,085	0,311
CHR5	23662650	CHR5:23662650	SSF x Near_LoA	-7,40246598	0,118	0,306
CHR5	23663754	CHR5:23663754	SSF x Near_LoA	-11,7453343	-0,022	0,296
CHR5	23663776	CHR5:23663776	SSF x Near_LoA	-5,33919856	0,020	0,304
CHR5	23663814	CHR5:23663814	SSF x Near_LoA	-8,31177937	0,052	0,301
CHR5	23674423	CHR5:23674423	SSF x Near_LoA	-8,9823049	0,074	0,308
CHR5	23674621	CHR5:23674621	SSF x Near_LoA	-6,81910524	-0,164	0,299
CHR5	23680609	CHR5:23680609	SSF x Near_LoA	-11,4152085	0,042	0,295
CHR5	23680628	CHR5:23680628	SSF x Near_LoA	-10,8259681	0,041	0,296
CHR5	23680638	CHR5:23680638	SSF x Near_LoA	-8,40256793	-0,160	0,299
CHR5	23680651	CHR5:23680651	SSF x Near_LoA	-8,99820398	0,073	0,311
CHR5	23680693	CHR5:23680693	SSF x Near_LoA	-10,6432659	0,041	0,320
CHR5	23680705	CHR5:23680705	SSF x Near_LoA	-9,04362214	-0,118	0,300
CHR5	23680713	CHR5:23680713	SSF x Near_LoA	-10,0500408	0,045	0,319
CHR5	23680722	CHR5:23680722	SSF x Near_LoA	-8,68466318	-0,092	0,322
CHR5	23680839	CHR5:23680839	SSF x Near_LoA	-8,83780393	0,024	0,323
CHR5	23680848	CHR5:23680848	SSF x Near_LoA	-8,72298537	0,137	0,304
CHR5	23683765	CHR5:23683765	SSF x Near_LoA	-10,5124844	0,123	0,290
CHR5	23684294	CHR5:23684294	SSF x Near_LoA	-10,6806206	0,049	0,305
CHR5	23695637	CHR5:23695637	SSF x Near_LoA	-9,02327736	0,054	0,302
CHR5	23695663	CHR5:23695663	SSF x Near_LoA	-7,89650836	0,148	0,301
CHR5	23700493	CHR5:23700493	SSF x Near_LoA	-10,1814564	0,122	0,297
CHR5	2370239	CHR5:2370239	SSF x Near_LoA	-9,0372177	-0,055	0,308
CHR5	2370348	CHR5:2370348	SSF x Near_LoA	-11,7382301	0,033	0,304
CHR5	2370382	CHR5:2370382	SSF x Near_LoA	-10,3230462	-0,080	0,318
CHR5	2370528	CHR5:2370528	SSF x Near_LoA	-6,42501263	0,003	0,301
CHR5	23708243	CHR5:23708243	SSF x Near_LoA	-10,1028449	-0,049	0,309
CHR5	23720678	CHR5:23720678	SSF x Near_LoA	-8,68925564	0,189	0,293
CHR5	23720716	CHR5:23720716	SSF x Near_LoA	-5,71456188	-0,133	0,301
CHR5	23720734	CHR5:23720734	SSF x Near_LoA	-9,15855194	0,030	0,304
CHR5	23720777	CHR5:23720777	SSF x Near_LoA	-8,63493229	-0,111	0,316
CHR5	23720779	CHR5:23720779	SSF x Near_LoA	-9,91234996	0,075	0,295
CHR5	23720903	CHR5:23720903	SSF x Near_LoA	-1,12076205	-0,047	0,304
CHR5	23722421	CHR5:23722421	SSF x Near_LoA	-6,62108343	0,026	0,308

CHR5	23722427	CHR5:23722427	SSF x Near_LoA	-11,4670526	0,022	0,301
CHR5	23722449	CHR5:23722449	SSF x Near_LoA	-11,796637	0,022	0,299
CHR5	23722584	CHR5:23722584	SSF x Near_LoA	-9,88596197	0,042	0,311
CHR5	23722597	CHR5:23722597	SSF x Near_LoA	-9,21677122	0,009	0,297
CHR5	23731860	CHR5:23731860	SSF x Near_LoA	-8,58007729	0,069	0,306
CHR5	23731927	CHR5:23731927	SSF x Near_LoA	-8,66862167	-0,060	0,308
CHR5	23734703	CHR5:23734703	SSF x Near_LoA	-9,92138918	-0,038	0,308
CHR5	23734822	CHR5:23734822	SSF x Near_LoA	-2,91631367	0,005	0,312
CHR5	23736294	CHR5:23736294	SSF x Near_LoA	-11,9616049	-0,014	0,300
CHR5	23740735	CHR5:23740735	SSF x Near_LoA	-10,8665193	-0,076	0,312
CHR5	23740915	CHR5:23740915	SSF x Near_LoA	-10,1684413	0,023	0,315
CHR5	23744483	CHR5:23744483	SSF x Near_LoA	-10,7760261	-0,023	0,312
CHR5	23747294	CHR5:23747294	SSF x Near_LoA	-9,42194188	0,033	0,295
CHR5	23747322	CHR5:23747322	SSF x Near_LoA	-7,56941058	0,069	0,309
CHR5	23748748	CHR5:23748748	SSF x Near_LoA	-10,8689909	0,031	0,306
CHR5	23748756	CHR5:23748756	SSF x Near_LoA	-8,50254485	-0,091	0,291
CHR5	23748807	CHR5:23748807	SSF x Near_LoA	-12,2581187	0,025	0,305
CHR5	2376952	CHR5:2376952	SSF x Near_LoA	-8,78124498	0,019	0,307
CHR5	2376966	CHR5:2376966	SSF x Near_LoA	-8,8717998	-0,009	0,320
CHR5	23789509	CHR5:23789509	SSF x Near_LoA	-10,5615854	0,003	0,306
CHR5	23814276	CHR5:23814276	SSF x Near_LoA	-9,7400222	-0,013	0,304
CHR5	23814291	CHR5:23814291	SSF x Near_LoA	-9,14194762	-0,076	0,322
CHR5	23814380	CHR5:23814380	SSF x Near_LoA	-9,16463686	-0,006	0,308
CHR5	23816484	CHR5:23816484	SSF x Near_LoA	-11,3259179	-0,066	0,317
CHR5	23827985	CHR5:23827985	SSF x Near_LoA	-10,8461099	-0,093	0,310
CHR5	23828002	CHR5:23828002	SSF x Near_LoA	-6,82335922	-0,079	0,313
CHR5	23828040	CHR5:23828040	SSF x Near_LoA	-7,72119216	-0,087	0,308
CHR5	23828050	CHR5:23828050	SSF x Near_LoA	-8,73370155	0,095	0,306
CHR5	23828056	CHR5:23828056	SSF x Near_LoA	-7,60860589	0,131	0,295
CHR5	23828063	CHR5:23828063	SSF x Near_LoA	-7,82425093	-0,123	0,301
CHR5	23828125	CHR5:23828125	SSF x Near_LoA	-7,18852092	-0,135	0,290
CHR5	23828140	CHR5:23828140	SSF x Near_LoA	-10,4650458	0,009	0,314
CHR5	23836153	CHR5:23836153	SSF x Near_LoA	-7,82736874	0,131	0,298
CHR5	2384566	CHR5:2384566	SSF x Near_LoA	-10,7515507	0,038	0,314
CHR5	23852467	CHR5:23852467	SSF x Near_LoA	-10,0249424	0,012	0,319
CHR5	23852555	CHR5:23852555	SSF x Near_LoA	-12,2156812	-0,014	0,294
CHR5	23852576	CHR5:23852576	SSF x Near_LoA	-6,52485838	0,047	0,311
CHR5	23862385	CHR5:23862385	SSF x Near_LoA	-9,85778042	0,076	0,311
CHR5	23862440	CHR5:23862440	SSF x Near_LoA	-10,2513173	0,091	0,289
CHR5	23862527	CHR5:23862527	SSF x Near_LoA	-7,17577612	-0,002	0,320
CHR5	23862569	CHR5:23862569	SSF x Near_LoA	-7,68570063	-0,024	0,318
CHR5	23868925	CHR5:23868925	SSF x Near_LoA	-6,47707825	-0,033	0,311
CHR5	23876771	CHR5:23876771	SSF x Near_LoA	-8,90658453	0,046	0,308
CHR5	23887164	CHR5:23887164	SSF x Near_LoA	-9,37205708	-0,044	0,295
CHR5	23903259	CHR5:23903259	SSF x Near_LoA	-8,2013748	0,025	0,301
CHR5	23903262	CHR5:23903262	SSF x Near_LoA	-6,13873605	-0,078	0,302
CHR5	23903287	CHR5:23903287	SSF x Near_LoA	-9,43344664	-0,073	0,298
CHR5	2390576	CHR5:2390576	SSF x Near_LoA	-5,89828418	-0,075	0,299
CHR5	23909194	CHR5:23909194	SSF x Near_LoA	-10,3154359	0,056	0,300
CHR5	23909201	CHR5:23909201	SSF x Near_LoA	3,63437204	-0,065	0,316
CHR5	23909247	CHR5:23909247	SSF x Near_LoA	-9,77494562	0,086	0,290
CHR5	23909291	CHR5:23909291	SSF x Near_LoA	-7,3971176	-0,064	0,304
CHR5	23909306	CHR5:23909306	SSF x Near_LoA	-7,54664763	-0,025	0,315

CHR5	2391122	CHR5:2391122	SSF x Near_LoA	-8,52103598	0,087	0,314
CHR5	23911756	CHR5:23911756	SSF x Near_LoA	-12,025962	-0,066	0,301
CHR5	23911909	CHR5:23911909	SSF x Near_LoA	-8,4852893	0,055	0,300
CHR5	23926753	CHR5:23926753	SSF x Near_LoA	-9,50991963	-0,037	0,318
CHR5	23926902	CHR5:23926902	SSF x Near_LoA	-8,12900787	-0,132	0,299
CHR5	23929991	CHR5:23929991	SSF x Near_LoA	-9,47479649	-0,034	0,305
CHR5	23929995	CHR5:23929995	SSF x Near_LoA	-8,10659589	0,009	0,310
CHR5	23930017	CHR5:23930017	SSF x Near_LoA	-9,34035201	-0,001	0,306
CHR5	23932277	CHR5:23932277	SSF x Near_LoA	-10,9781376	0,069	0,312
CHR5	23941641	CHR5:23941641	SSF x Near_LoA	-6,37009408	0,144	0,304
CHR5	23941785	CHR5:23941785	SSF x Near_LoA	-10,1687919	0,040	0,307
CHR5	23941798	CHR5:23941798	SSF x Near_LoA	-9,51259615	0,011	0,319
CHR5	23941802	CHR5:23941802	SSF x Near_LoA	-9,06351601	0,048	0,305
CHR5	23941864	CHR5:23941864	SSF x Near_LoA	-11,2204601	0,004	0,299
CHR5	23951819	CHR5:23951819	SSF x Near_LoA	-9,29940804	-0,027	0,304
CHR5	23951934	CHR5:23951934	SSF x Near_LoA	-9,79675186	-0,013	0,310
CHR5	23951944	CHR5:23951944	SSF x Near_LoA	-9,15400188	-0,006	0,311
CHR5	23954951	CHR5:23954951	SSF x Near_LoA	-4,52666047	0,064	0,299
CHR5	23957042	CHR5:23957042	SSF x Near_LoA	-11,2247355	0,065	0,314
CHR5	23957045	CHR5:23957045	SSF x Near_LoA	-8,39058481	0,119	0,316
CHR5	23962542	CHR5:23962542	SSF x Near_LoA	-9,28435199	-0,015	0,300
CHR5	23962547	CHR5:23962547	SSF x Near_LoA	-5,43288305	0,020	0,300
CHR5	23965423	CHR5:23965423	SSF x Near_LoA	-11,1626963	0,044	0,296
CHR5	23965438	CHR5:23965438	SSF x Near_LoA	-5,68774726	-0,137	0,293
CHR5	23982165	CHR5:23982165	SSF x Near_LoA	-11,2902953	0,014	0,309
CHR5	23982175	CHR5:23982175	SSF x Near_LoA	-10,8838222	-0,036	0,309
CHR5	23982222	CHR5:23982222	SSF x Near_LoA	-8,04879667	-0,036	0,307
CHR5	23982249	CHR5:23982249	SSF x Near_LoA	-10,1162454	0,101	0,308
CHR5	23986261	CHR5:23986261	SSF x Near_LoA	-7,55831702	-0,116	0,288
CHR5	23986287	CHR5:23986287	SSF x Near_LoA	-8,22081101	0,062	0,308
CHR5	23986412	CHR5:23986412	SSF x Near_LoA	-8,45857433	-0,081	0,305
CHR5	23986421	CHR5:23986421	SSF x Near_LoA	-6,38387463	-0,040	0,318
CHR5	23986455	CHR5:23986455	SSF x Near_LoA	-4,43603904	0,237	0,301
CHR5	23988079	CHR5:23988079	SSF x Near_LoA	-9,23823434	0,000	0,309
CHR5	23989740	CHR5:23989740	SSF x Near_LoA	-10,7992346	0,024	0,305
CHR5	23989760	CHR5:23989760	SSF x Near_LoA	-10,1119462	0,012	0,315
CHR5	23989839	CHR5:23989839	SSF x Near_LoA	-11,2971326	-0,032	0,316
CHR5	23989841	CHR5:23989841	SSF x Near_LoA	-9,54427271	-0,132	0,294
CHR5	23989889	CHR5:23989889	SSF x Near_LoA	-9,23142961	0,008	0,314
CHR5	23991159	CHR5:23991159	SSF x Near_LoA	-7,45052523	0,039	0,297
CHR5	23991257	CHR5:23991257	SSF x Near_LoA	-9,60176438	0,075	0,316
CHR5	23994375	CHR5:23994375	SSF x Near_LoA	-8,67743038	-0,067	0,297
CHR5	23994411	CHR5:23994411	SSF x Near_LoA	-9,6004639	0,081	0,311
CHR5	23994456	CHR5:23994456	SSF x Near_LoA	-6,57518476	-0,051	0,317
CHR5	23994457	CHR5:23994457	SSF x Near_LoA	-8,65427474	-0,031	0,302
CHR5	23994590	CHR5:23994590	SSF x Near_LoA	-11,734277	-0,082	0,296
CHR5	23998301	CHR5:23998301	SSF x Near_LoA	-9,20255763	0,034	0,319
CHR5	23998367	CHR5:23998367	SSF x Near_LoA	-9,24525111	0,068	0,310
CHR5	24005171	CHR5:24005171	SSF x Near_LoA	-8,04239417	-0,066	0,308
CHR5	24005284	CHR5:24005284	SSF x Near_LoA	-10,6093525	-0,073	0,304
CHR5	24011378	CHR5:24011378	SSF x Near_LoA	-8,57074609	-0,017	0,305
CHR5	24011448	CHR5:24011448	SSF x Near_LoA	-8,91475321	0,009	0,291
CHR5	24011512	CHR5:24011512	SSF x Near_LoA	-8,54677871	0,023	0,284

CHR5	24021953	CHR5:24021953	SSF x Near_LoA	-6,18054091	0,123	0,294
CHR5	24022044	CHR5:24022044	SSF x Near_LoA	-6,03607694	-0,145	0,314
CHR5	24022157	CHR5:24022157	SSF x Near_LoA	-7,12125742	0,120	0,315
CHR5	24022170	CHR5:24022170	SSF x Near_LoA	-10,3577743	0,083	0,299
CHR5	24022201	CHR5:24022201	SSF x Near_LoA	-9,20961783	0,064	0,312
CHR5	24022210	CHR5:24022210	SSF x Near_LoA	-5,22483524	-0,113	0,300
CHR5	24022220	CHR5:24022220	SSF x Near_LoA	-11,4964423	-0,054	0,301
CHR5	24036961	CHR5:24036961	SSF x Near_LoA	-10,2975867	0,038	0,305
CHR5	24037015	CHR5:24037015	SSF x Near_LoA	-10,9118318	0,006	0,306
CHR5	24043511	CHR5:24043511	SSF x Near_LoA	-5,83519816	-0,052	0,302
CHR5	24043536	CHR5:24043536	SSF x Near_LoA	-6,93086354	0,059	0,299
CHR5	24043552	CHR5:24043552	SSF x Near_LoA	-5,43153604	0,132	0,299
CHR5	24043719	CHR5:24043719	SSF x Near_LoA	-9,11998132	0,111	0,291
CHR5	24043738	CHR5:24043738	SSF x Near_LoA	-8,71727908	0,184	0,300
CHR5	24043800	CHR5:24043800	SSF x Near_LoA	-7,37676628	0,149	0,308
CHR5	24046676	CHR5:24046676	SSF x Near_LoA	-7,9562179	-0,024	0,324
CHR5	24046776	CHR5:24046776	SSF x Near_LoA	-10,741751	-0,007	0,293
CHR5	24057654	CHR5:24057654	SSF x Near_LoA	-7,88758109	-0,113	0,308
CHR5	24060359	CHR5:24060359	SSF x Near_LoA	-5,47941277	0,133	0,317
CHR5	24066217	CHR5:24066217	SSF x Near_LoA	-5,61458434	0,068	0,320
CHR5	24066259	CHR5:24066259	SSF x Near_LoA	-10,7573313	-0,015	0,309
CHR5	24079761	CHR5:24079761	SSF x Near_LoA	-10,626755	-0,085	0,291
CHR5	24082337	CHR5:24082337	SSF x Near_LoA	-7,89371166	0,098	0,312
CHR5	24082408	CHR5:24082408	SSF x Near_LoA	-8,44490447	0,069	0,316
CHR5	2409284	CHR5:2409284	SSF x Near_LoA	-8,89841797	0,025	0,305
CHR5	2409430	CHR5:2409430	SSF x Near_LoA	-4,25666003	0,151	0,302
CHR5	24094888	CHR5:24094888	SSF x Near_LoA	-10,7050894	0,032	0,301
CHR5	24094906	CHR5:24094906	SSF x Near_LoA	-10,1617232	0,046	0,302
CHR5	24094968	CHR5:24094968	SSF x Near_LoA	-3,1284404	-0,050	0,319
CHR5	2409559	CHR5:2409559	SSF x Near_LoA	-6,5308424	-0,022	0,319
CHR5	24097184	CHR5:24097184	SSF x Near_LoA	-10,5772454	-0,051	0,306
CHR5	24097219	CHR5:24097219	SSF x Near_LoA	-10,0120859	0,050	0,303
CHR5	24097244	CHR5:24097244	SSF x Near_LoA	-9,60111177	-0,074	0,319
CHR5	24097262	CHR5:24097262	SSF x Near_LoA	-12,1632315	0,070	0,291
CHR5	24099194	CHR5:24099194	SSF x Near_LoA	-11,3366154	0,024	0,307
CHR5	24099251	CHR5:24099251	SSF x Near_LoA	-10,1088169	-0,104	0,277
CHR5	24099261	CHR5:24099261	SSF x Near_LoA	-7,1967708	0,047	0,301
CHR5	24099279	CHR5:24099279	SSF x Near_LoA	-5,63608446	0,018	0,310
CHR5	24099301	CHR5:24099301	SSF x Near_LoA	-9,28845763	0,036	0,300
CHR5	24112127	CHR5:24112127	SSF x Near_LoA	-10,8001734	-0,057	0,311
CHR5	24112189	CHR5:24112189	SSF x Near_LoA	-9,10135119	-0,077	0,306
CHR5	24112277	CHR5:24112277	SSF x Near_LoA	-8,45836811	0,063	0,290
CHR5	24112289	CHR5:24112289	SSF x Near_LoA	-10,9380346	0,001	0,309
CHR5	24112338	CHR5:24112338	SSF x Near_LoA	-2,63080291	0,041	0,309
CHR5	24112357	CHR5:24112357	SSF x Near_LoA	-11,0117703	0,080	0,308
CHR5	24112424	CHR5:24112424	SSF x Near_LoA	-7,2919531	0,182	0,291
CHR5	24112429	CHR5:24112429	SSF x Near_LoA	-4,87548535	0,183	0,305
CHR5	24119166	CHR5:24119166	SSF x Near_LoA	-6,77763648	0,019	0,310
CHR5	24123601	CHR5:24123601	SSF x Near_LoA	-11,0172595	-0,059	0,292
CHR5	24123818	CHR5:24123818	SSF x Near_LoA	-6,42401521	0,049	0,313
CHR5	24123831	CHR5:24123831	SSF x Near_LoA	-9,82120697	-0,087	0,295
CHR5	24129103	CHR5:24129103	SSF x Near_LoA	-10,961568	0,097	0,303
CHR5	24129104	CHR5:24129104	SSF x Near_LoA	-11,514702	0,086	0,296

CHR5	24129113	CHR5:24129113	SSF x Near_LoA	-8,22821054	-0,025	0,309
CHR5	24129122	CHR5:24129122	SSF x Near_LoA	-9,41136181	-0,005	0,296
CHR5	24129133	CHR5:24129133	SSF x Near_LoA	-8,84195136	0,009	0,308
CHR5	24129340	CHR5:24129340	SSF x Near_LoA	-10,4550726	0,018	0,317
CHR5	24153970	CHR5:24153970	SSF x Near_LoA	-9,59682238	-0,083	0,286
CHR5	24154042	CHR5:24154042	SSF x Near_LoA	-8,69544346	0,007	0,294
CHR5	24154063	CHR5:24154063	SSF x Near_LoA	-11,5668604	0,017	0,305
CHR5	24156547	CHR5:24156547	SSF x Near_LoA	-9,96373552	0,095	0,305
CHR5	24156553	CHR5:24156553	SSF x Near_LoA	-10,0722239	-0,042	0,290
CHR5	24156574	CHR5:24156574	SSF x Near_LoA	-8,38887196	-0,011	0,324
CHR5	24156632	CHR5:24156632	SSF x Near_LoA	-10,2622901	0,042	0,302
CHR5	24159465	CHR5:24159465	SSF x Near_LoA	-10,2232516	-0,035	0,296
CHR5	24159469	CHR5:24159469	SSF x Near_LoA	-8,85515181	-0,003	0,312
CHR5	24159518	CHR5:24159518	SSF x Near_LoA	-8,28737118	0,037	0,304
CHR5	24159549	CHR5:24159549	SSF x Near_LoA	-9,91946576	-0,067	0,286
CHR5	2418831	CHR5:2418831	SSF x Near_LoA	-8,25966961	0,137	0,295
CHR5	2418888	CHR5:2418888	SSF x Near_LoA	-10,9329106	-0,071	0,311
CHR5	2418950	CHR5:2418950	SSF x Near_LoA	-8,46130639	-0,087	0,298
CHR5	2418957	CHR5:2418957	SSF x Near_LoA	3,07909119	-0,160	0,304
CHR5	24194897	CHR5:24194897	SSF x Near_LoA	-10,4809693	-0,111	0,305
CHR5	24216153	CHR5:24216153	SSF x Near_LoA	-8,32329707	0,065	0,304
CHR5	24261332	CHR5:24261332	SSF x Near_LoA	-7,74188069	0,083	0,299
CHR5	24272027	CHR5:24272027	SSF x Near_LoA	-7,8145024	0,063	0,314
CHR5	24272029	CHR5:24272029	SSF x Near_LoA	-8,69796878	0,063	0,314
CHR5	24272043	CHR5:24272043	SSF x Near_LoA	-7,48837001	0,076	0,308
CHR5	24272049	CHR5:24272049	SSF x Near_LoA	5,7203294	-0,197	0,304
CHR5	24272057	CHR5:24272057	SSF x Near_LoA	-6,67056005	0,088	0,314
CHR5	24272082	CHR5:24272082	SSF x Near_LoA	-3,04267596	0,143	0,299
CHR5	24277514	CHR5:24277514	SSF x Near_LoA	-6,38349191	0,133	0,291
CHR5	24277593	CHR5:24277593	SSF x Near_LoA	-7,24114042	0,135	0,313
CHR5	24277603	CHR5:24277603	SSF x Near_LoA	-8,37886763	0,150	0,290
CHR5	24279522	CHR5:24279522	SSF x Near_LoA	-10,6535578	0,026	0,314
CHR5	24313808	CHR5:24313808	SSF x Near_LoA	-7,66728009	0,097	0,303
CHR5	2434255	CHR5:2434255	SSF x Near_LoA	-8,70721136	-0,118	0,301
CHR5	2434261	CHR5:2434261	SSF x Near_LoA	-8,66409281	-0,041	0,303
CHR5	2434270	CHR5:2434270	SSF x Near_LoA	-8,85062914	-0,020	0,306
CHR5	2434289	CHR5:2434289	SSF x Near_LoA	-8,59102468	0,016	0,314
CHR5	24344052	CHR5:24344052	SSF x Near_LoA	-4,55170469	0,050	0,307
CHR5	24345808	CHR5:24345808	SSF x Near_LoA	-7,93529796	0,130	0,296
CHR5	24346350	CHR5:24346350	SSF x Near_LoA	-9,10625689	-0,071	0,315
CHR5	24346362	CHR5:24346362	SSF x Near_LoA	-7,93628307	0,037	0,303
CHR5	24371464	CHR5:24371464	SSF x Near_LoA	-9,7382139	0,017	0,317
CHR5	24371515	CHR5:24371515	SSF x Near_LoA	-10,8193577	0,092	0,295
CHR5	24382370	CHR5:24382370	SSF x Near_LoA	-8,10350338	-0,068	0,302
CHR5	24382496	CHR5:24382496	SSF x Near_LoA	-12,0254963	-0,033	0,304
CHR5	24387351	CHR5:24387351	SSF x Near_LoA	-9,99845003	-0,072	0,307
CHR5	24387361	CHR5:24387361	SSF x Near_LoA	-9,45194324	0,005	0,312
CHR5	24387455	CHR5:24387455	SSF x Near_LoA	-8,27462822	0,033	0,310
CHR5	24387507	CHR5:24387507	SSF x Near_LoA	-9,07429491	-0,074	0,308
CHR5	24387508	CHR5:24387508	SSF x Near_LoA	-6,87295039	0,085	0,298
CHR5	24387535	CHR5:24387535	SSF x Near_LoA	-8,09267213	0,073	0,302
CHR5	24389079	CHR5:24389079	SSF x Near_LoA	-10,0581215	-0,128	0,306
CHR5	24389105	CHR5:24389105	SSF x Near_LoA	-6,12238608	0,192	0,288

CHR5	24389242	CHR5:24389242	SSF x Near_LoA	-8,77964733	-0,151	0,312
CHR5	24389243	CHR5:24389243	SSF x Near_LoA	-10,4871264	-0,127	0,305
CHR5	2439237	CHR5:2439237	SSF x Near_LoA	-7,60867216	-0,056	0,316
CHR5	2439258	CHR5:2439258	SSF x Near_LoA	-8,85168254	0,025	0,304
CHR5	2439330	CHR5:2439330	SSF x Near_LoA	-8,54296725	-0,156	0,316
CHR5	2439355	CHR5:2439355	SSF x Near_LoA	-8,17483036	-0,018	0,303
CHR5	2439365	CHR5:2439365	SSF x Near_LoA	-7,58895111	0,018	0,318
CHR5	2439378	CHR5:2439378	SSF x Near_LoA	-8,77445991	-0,004	0,314
CHR5	2439399	CHR5:2439399	SSF x Near_LoA	-9,1979464	-0,018	0,311
CHR5	2439404	CHR5:2439404	SSF x Near_LoA	-10,3817154	-0,017	0,295
CHR5	2439406	CHR5:2439406	SSF x Near_LoA	-4,74998802	-0,150	0,321
CHR5	2439420	CHR5:2439420	SSF x Near_LoA	-9,5404962	0,130	0,290
CHR5	2439422	CHR5:2439422	SSF x Near_LoA	-8,44047724	-0,095	0,308
CHR5	24399915	CHR5:24399915	SSF x Near_LoA	-7,51098086	-0,058	0,317
CHR5	24400147	CHR5:24400147	SSF x Near_LoA	-7,90647344	-0,068	0,288
CHR5	24400162	CHR5:24400162	SSF x Near_LoA	-8,78392038	-0,102	0,300
CHR5	2441063	CHR5:2441063	SSF x Near_LoA	-8,64093532	0,044	0,298
CHR5	24412159	CHR5:24412159	SSF x Near_LoA	-11,3586968	0,013	0,304
CHR5	24412298	CHR5:24412298	SSF x Near_LoA	-9,59787815	-0,047	0,304
CHR5	24412320	CHR5:24412320	SSF x Near_LoA	-8,46157712	0,075	0,311
CHR5	24421958	CHR5:24421958	SSF x Near_LoA	-11,2262793	-0,066	0,302
CHR5	24425192	CHR5:24425192	SSF x Near_LoA	-10,0994218	-0,097	0,324
CHR5	24425296	CHR5:24425296	SSF x Near_LoA	-11,6559724	0,001	0,281
CHR5	24425348	CHR5:24425348	SSF x Near_LoA	-10,9787298	0,083	0,302
CHR5	24433980	CHR5:24433980	SSF x Near_LoA	-8,72645695	0,021	0,302
CHR5	24436107	CHR5:24436107	SSF x Near_LoA	-9,81481485	0,005	0,305
CHR5	24438283	CHR5:24438283	SSF x Near_LoA	-10,8504342	0,100	0,294
CHR5	24444168	CHR5:24444168	SSF x Near_LoA	-6,31153736	-0,119	0,315
CHR5	24444184	CHR5:24444184	SSF x Near_LoA	-6,64843831	0,044	0,302
CHR5	24444239	CHR5:24444239	SSF x Near_LoA	-9,92871576	0,063	0,310
CHR5	24444292	CHR5:24444292	SSF x Near_LoA	-8,80796174	0,054	0,303
CHR5	24444325	CHR5:24444325	SSF x Near_LoA	-8,9141665	-0,064	0,304
CHR5	2444779	CHR5:2444779	SSF x Near_LoA	-9,64946518	-0,032	0,321
CHR5	2444783	CHR5:2444783	SSF x Near_LoA	-9,94819683	-0,067	0,298
CHR5	2444786	CHR5:2444786	SSF x Near_LoA	-8,5008511	-0,062	0,303
CHR5	24449625	CHR5:24449625	SSF x Near_LoA	-10,7017411	0,061	0,301
CHR5	24449717	CHR5:24449717	SSF x Near_LoA	-8,22339267	-0,078	0,307
CHR5	24451224	CHR5:24451224	SSF x Near_LoA	-10,0265688	0,111	0,303
CHR5	24451273	CHR5:24451273	SSF x Near_LoA	-3,15440937	-0,099	0,324
CHR5	24451278	CHR5:24451278	SSF x Near_LoA	-7,87348826	-0,099	0,305
CHR5	24451279	CHR5:24451279	SSF x Near_LoA	-8,4953504	-0,088	0,309
CHR5	24451338	CHR5:24451338	SSF x Near_LoA	-10,6635146	0,104	0,304
CHR5	24459758	CHR5:24459758	SSF x Near_LoA	-8,89330167	0,013	0,312
CHR5	24461435	CHR5:24461435	SSF x Near_LoA	-11,4271085	0,042	0,306
CHR5	24461495	CHR5:24461495	SSF x Near_LoA	-10,5523058	0,023	0,307
CHR5	24465191	CHR5:24465191	SSF x Near_LoA	-8,22202132	0,028	0,313
CHR5	24465285	CHR5:24465285	SSF x Near_LoA	-10,1107141	0,026	0,300
CHR5	24465293	CHR5:24465293	SSF x Near_LoA	-10,9448604	0,017	0,303
CHR5	24469455	CHR5:24469455	SSF x Near_LoA	-9,63723624	-0,056	0,314
CHR5	24469503	CHR5:24469503	SSF x Near_LoA	-11,5126407	-0,043	0,305
CHR5	24469526	CHR5:24469526	SSF x Near_LoA	-8,16693579	-0,045	0,298
CHR5	24469592	CHR5:24469592	SSF x Near_LoA	-8,69204532	-0,011	0,320
CHR5	24469753	CHR5:24469753	SSF x Near_LoA	-7,12208021	-0,072	0,318

CHR5	24472238	CHR5:24472238	SSF x Near_LoA	-9,07316614	-0,010	0,307
CHR5	24477444	CHR5:24477444	SSF x Near_LoA	-8,15989773	-0,011	0,312
CHR5	24477480	CHR5:24477480	SSF x Near_LoA	-9,97489904	-0,037	0,305
CHR5	24477563	CHR5:24477563	SSF x Near_LoA	-6,54775949	-0,068	0,313
CHR5	24477635	CHR5:24477635	SSF x Near_LoA	-8,85358497	-0,052	0,302
CHR5	24488370	CHR5:24488370	SSF x Near_LoA	-10,384099	-0,055	0,310
CHR5	24506542	CHR5:24506542	SSF x Near_LoA	-11,5381061	0,020	0,298
CHR5	24506569	CHR5:24506569	SSF x Near_LoA	-10,3367982	0,042	0,324
CHR5	24506610	CHR5:24506610	SSF x Near_LoA	-10,6638024	0,022	0,305
CHR5	24506630	CHR5:24506630	SSF x Near_LoA	-9,24401767	0,007	0,303
CHR5	24506643	CHR5:24506643	SSF x Near_LoA	-11,2747371	0,018	0,300
CHR5	24506652	CHR5:24506652	SSF x Near_LoA	-8,99192166	0,086	0,304
CHR5	24506654	CHR5:24506654	SSF x Near_LoA	-8,06487394	0,095	0,310
CHR5	24506665	CHR5:24506665	SSF x Near_LoA	-8,00553725	0,094	0,314
CHR5	24506679	CHR5:24506679	SSF x Near_LoA	-9,33912036	-0,011	0,306
CHR5	24506721	CHR5:24506721	SSF x Near_LoA	-3,36109058	0,081	0,308
CHR5	24506731	CHR5:24506731	SSF x Near_LoA	-8,4408888	0,039	0,310
CHR5	24506752	CHR5:24506752	SSF x Near_LoA	-9,07472237	0,002	0,310
CHR5	24506800	CHR5:24506800	SSF x Near_LoA	-8,00067181	0,019	0,329
CHR5	24506812	CHR5:24506812	SSF x Near_LoA	-7,13261577	0,097	0,324
CHR5	24510652	CHR5:24510652	SSF x Near_LoA	-8,8185229	-0,018	0,310
CHR5	24510864	CHR5:24510864	SSF x Near_LoA	-9,00562943	0,005	0,317
CHR5	24510919	CHR5:24510919	SSF x Near_LoA	-8,579077	0,062	0,315
CHR5	24560002	CHR5:24560002	SSF x Near_LoA	-10,4046384	-0,006	0,318
CHR5	24560028	CHR5:24560028	SSF x Near_LoA	-10,5090939	-0,064	0,298
CHR5	24560082	CHR5:24560082	SSF x Near_LoA	-10,9127628	-0,070	0,301
CHR5	24560251	CHR5:24560251	SSF x Near_LoA	-9,55603574	-0,051	0,313
CHR5	24570154	CHR5:24570154	SSF x Near_LoA	-8,16758217	0,138	0,306
CHR5	24570186	CHR5:24570186	SSF x Near_LoA	-7,09740097	0,055	0,311
CHR5	24570200	CHR5:24570200	SSF x Near_LoA	-11,5273671	0,061	0,298
CHR5	24570310	CHR5:24570310	SSF x Near_LoA	-8,03912807	-0,048	0,319
CHR5	24570328	CHR5:24570328	SSF x Near_LoA	-8,94221962	0,011	0,293
CHR5	24571850	CHR5:24571850	SSF x Near_LoA	-9,80881252	0,022	0,322
CHR5	24571878	CHR5:24571878	SSF x Near_LoA	-9,08403961	0,017	0,305
CHR5	24571908	CHR5:24571908	SSF x Near_LoA	-8,72872889	-0,010	0,304
CHR5	24571911	CHR5:24571911	SSF x Near_LoA	-8,8204915	0,036	0,308
CHR5	24571953	CHR5:24571953	SSF x Near_LoA	11,1588282	0,103	0,310
CHR5	24571963	CHR5:24571963	SSF x Near_LoA	-7,9402397	0,004	0,322
CHR5	2458180	CHR5:2458180	SSF x Near_LoA	-8,34338225	-0,009	0,299
CHR5	2458188	CHR5:2458188	SSF x Near_LoA	-7,4818555	0,010	0,322
CHR5	24582123	CHR5:24582123	SSF x Near_LoA	-9,88356434	0,041	0,299
CHR5	24582145	CHR5:24582145	SSF x Near_LoA	-9,79795411	0,078	0,309
CHR5	24582192	CHR5:24582192	SSF x Near_LoA	-11,5734273	0,020	0,304
CHR5	2458445	CHR5:2458445	SSF x Near_LoA	-10,0141012	-0,009	0,304
CHR5	24592377	CHR5:24592377	SSF x Near_LoA	-11,462524	-0,046	0,301
CHR5	24593606	CHR5:24593606	SSF x Near_LoA	-8,63557781	-0,074	0,289
CHR5	24593665	CHR5:24593665	SSF x Near_LoA	-8,16489686	0,130	0,300
CHR5	24593668	CHR5:24593668	SSF x Near_LoA	-5,36559035	0,058	0,301
CHR5	24595114	CHR5:24595114	SSF x Near_LoA	-10,7520747	-0,033	0,306
CHR5	24595138	CHR5:24595138	SSF x Near_LoA	-11,2523633	0,015	0,295
CHR5	24595144	CHR5:24595144	SSF x Near_LoA	-9,50334482	0,110	0,300
CHR5	24595149	CHR5:24595149	SSF x Near_LoA	-7,42108644	-0,159	0,301
CHR5	24595309	CHR5:24595309	SSF x Near_LoA	-6,26545901	0,108	0,301

CHR5	24602826	CHR5:24602826	SSF x Near_LoA	-9,79145413	-0,006	0,311
CHR5	24602874	CHR5:24602874	SSF x Near_LoA	-11,536941	0,046	0,296
CHR5	24603675	CHR5:24603675	SSF x Near_LoA	-10,2054612	-0,078	0,307
CHR5	24603768	CHR5:24603768	SSF x Near_LoA	-9,68865492	0,154	0,294
CHR5	24607559	CHR5:24607559	SSF x Near_LoA	-9,69451087	0,054	0,306
CHR5	24607560	CHR5:24607560	SSF x Near_LoA	-8,85203706	0,109	0,317
CHR5	24608647	CHR5:24608647	SSF x Near_LoA	-7,68126555	0,012	0,304
CHR5	24608890	CHR5:24608890	SSF x Near_LoA	-8,84828937	-0,125	0,307
CHR5	24620527	CHR5:24620527	SSF x Near_LoA	-10,2957709	0,032	0,302
CHR5	24620536	CHR5:24620536	SSF x Near_LoA	-7,19565299	-0,139	0,315
CHR5	24631938	CHR5:24631938	SSF x Near_LoA	-9,714856	0,111	0,301
CHR5	24631954	CHR5:24631954	SSF x Near_LoA	-9,86421607	0,054	0,303
CHR5	24631960	CHR5:24631960	SSF x Near_LoA	-9,87834921	-0,119	0,298
CHR5	24631979	CHR5:24631979	SSF x Near_LoA	-9,35615275	0,030	0,305
CHR5	24632016	CHR5:24632016	SSF x Near_LoA	-10,908754	0,055	0,305
CHR5	24637723	CHR5:24637723	SSF x Near_LoA	-10,1427884	-0,024	0,316
CHR5	24637737	CHR5:24637737	SSF x Near_LoA	-9,80741668	-0,074	0,309
CHR5	24638915	CHR5:24638915	SSF x Near_LoA	-7,89661664	-0,100	0,299
CHR5	24638950	CHR5:24638950	SSF x Near_LoA	-9,19582968	-0,047	0,307
CHR5	24639044	CHR5:24639044	SSF x Near_LoA	-4,60945569	0,040	0,310
CHR5	24639052	CHR5:24639052	SSF x Near_LoA	-8,81109032	-0,114	0,298
CHR5	24639146	CHR5:24639146	SSF x Near_LoA	-8,68432104	0,021	0,314
CHR5	24641911	CHR5:24641911	SSF x Near_LoA	-8,20810375	-0,023	0,315
CHR5	24641990	CHR5:24641990	SSF x Near_LoA	-8,92062183	-0,010	0,311
CHR5	24641999	CHR5:24641999	SSF x Near_LoA	-4,90759639	0,081	0,316
CHR5	24642046	CHR5:24642046	SSF x Near_LoA	-10,4340483	-0,073	0,290
CHR5	24642058	CHR5:24642058	SSF x Near_LoA	-10,199553	0,068	0,319
CHR5	24642063	CHR5:24642063	SSF x Near_LoA	-6,21857459	0,035	0,309
CHR5	24642071	CHR5:24642071	SSF x Near_LoA	-9,17787902	-0,040	0,302
CHR5	24642076	CHR5:24642076	SSF x Near_LoA	-6,95445227	-0,083	0,301
CHR5	24642134	CHR5:24642134	SSF x Near_LoA	-8,54919661	-0,040	0,317
CHR5	2464544	CHR5:2464544	SSF x Near_LoA	-6,15073886	-0,104	0,293
CHR5	2464601	CHR5:2464601	SSF x Near_LoA	-9,41059298	-0,023	0,304
CHR5	2464651	CHR5:2464651	SSF x Near_LoA	-9,59799897	0,038	0,314
CHR5	24649558	CHR5:24649558	SSF x Near_LoA	-9,66315673	-0,050	0,302
CHR5	24649624	CHR5:24649624	SSF x Near_LoA	-8,39360917	0,005	0,321
CHR5	2465905	CHR5:2465905	SSF x Near_LoA	-10,9783078	0,050	0,307
CHR5	2465909	CHR5:2465909	SSF x Near_LoA	-12,7008939	0,046	0,303
CHR5	24661313	CHR5:24661313	SSF x Near_LoA	-9,78969208	0,097	0,294
CHR5	24661458	CHR5:24661458	SSF x Near_LoA	-8,87381739	-0,142	0,316
CHR5	24668080	CHR5:24668080	SSF x Near_LoA	-9,94646616	-0,091	0,304
CHR5	24668101	CHR5:24668101	SSF x Near_LoA	-11,7427201	-0,031	0,303
CHR5	24675243	CHR5:24675243	SSF x Near_LoA	-9,34450092	0,046	0,316
CHR5	24675303	CHR5:24675303	SSF x Near_LoA	-8,04858125	-0,088	0,310
CHR5	24675318	CHR5:24675318	SSF x Near_LoA	-2,7216968	-0,112	0,310
CHR5	24675324	CHR5:24675324	SSF x Near_LoA	-10,6030401	0,028	0,331
CHR5	24675336	CHR5:24675336	SSF x Near_LoA	-10,3618113	0,040	0,317
CHR5	24711339	CHR5:24711339	SSF x Near_LoA	-10,8120746	0,103	0,282
CHR5	24713691	CHR5:24713691	SSF x Near_LoA	-7,55512816	-0,068	0,299
CHR5	24713789	CHR5:24713789	SSF x Near_LoA	-7,83703221	-0,097	0,316
CHR5	24713796	CHR5:24713796	SSF x Near_LoA	-10,232248	-0,059	0,316
CHR5	24721429	CHR5:24721429	SSF x Near_LoA	-10,9446564	-0,013	0,317
CHR5	24722778	CHR5:24722778	SSF x Near_LoA	-8,32542078	0,093	0,302

CHR5	2473805	CHR5:2473805	SSF x Near_LoA	-6,83141802	0,140	0,292
CHR5	2474086	CHR5:2474086	SSF x Near_LoA	-8,66793689	0,019	0,308
CHR5	24746119	CHR5:24746119	SSF x Near_LoA	-9,2670348	-0,059	0,305
CHR5	24746196	CHR5:24746196	SSF x Near_LoA	-8,80216229	0,083	0,303
CHR5	24746198	CHR5:24746198	SSF x Near_LoA	-7,82933449	0,067	0,304
CHR5	24748525	CHR5:24748525	SSF x Near_LoA	-11,011764	0,009	0,298
CHR5	24748573	CHR5:24748573	SSF x Near_LoA	-6,96205659	-0,003	0,294
CHR5	24748671	CHR5:24748671	SSF x Near_LoA	-8,62321426	0,029	0,309
CHR5	24748730	CHR5:24748730	SSF x Near_LoA	-10,230686	-0,021	0,306
CHR5	24750482	CHR5:24750482	SSF x Near_LoA	-10,714623	-0,009	0,298
CHR5	2476025	CHR5:2476025	SSF x Near_LoA	-9,19996744	-0,005	0,311
CHR5	2476035	CHR5:2476035	SSF x Near_LoA	-11,3872245	-0,046	0,297
CHR5	2476040	CHR5:2476040	SSF x Near_LoA	-8,3568302	-0,034	0,306
CHR5	2476068	CHR5:2476068	SSF x Near_LoA	-9,11326501	0,064	0,323
CHR5	24765920	CHR5:24765920	SSF x Near_LoA	-10,785573	-0,079	0,309
CHR5	24765930	CHR5:24765930	SSF x Near_LoA	-8,18428671	0,075	0,312
CHR5	24765974	CHR5:24765974	SSF x Near_LoA	-10,1025909	0,072	0,296
CHR5	24766038	CHR5:24766038	SSF x Near_LoA	-10,7781183	0,096	0,291
CHR5	24796715	CHR5:24796715	SSF x Near_LoA	-9,55367888	-0,115	0,301
CHR5	24796737	CHR5:24796737	SSF x Near_LoA	-8,79888547	-0,096	0,308
CHR5	24796793	CHR5:24796793	SSF x Near_LoA	-8,44880345	-0,023	0,313
CHR5	2480216	CHR5:2480216	SSF x Near_LoA	-9,71373514	-0,114	0,307
CHR5	2480268	CHR5:2480268	SSF x Near_LoA	-11,1807544	-0,053	0,300
CHR5	2480334	CHR5:2480334	SSF x Near_LoA	-9,54715662	-0,039	0,313
CHR5	2480519	CHR5:2480519	SSF x Near_LoA	-9,36539101	0,183	0,304
CHR5	24811060	CHR5:24811060	SSF x Near_LoA	-9,55967171	-0,062	0,301
CHR5	24811069	CHR5:24811069	SSF x Near_LoA	-11,1832433	-0,071	0,308
CHR5	24811108	CHR5:24811108	SSF x Near_LoA	-10,941928	-0,059	0,299
CHR5	24811112	CHR5:24811112	SSF x Near_LoA	-6,69358154	-0,045	0,309
CHR5	24814440	CHR5:24814440	SSF x Near_LoA	-6,32822066	-0,094	0,319
CHR5	24841673	CHR5:24841673	SSF x Near_LoA	-4,77769014	-0,091	0,311
CHR5	24841681	CHR5:24841681	SSF x Near_LoA	-11,5455913	-0,031	0,310
CHR5	24841683	CHR5:24841683	SSF x Near_LoA	-10,3799817	-0,035	0,310
CHR5	24841729	CHR5:24841729	SSF x Near_LoA	-6,19666892	0,146	0,303
CHR5	24841730	CHR5:24841730	SSF x Near_LoA	-8,23198941	-0,079	0,306
CHR5	24841734	CHR5:24841734	SSF x Near_LoA	-9,3381963	-0,068	0,302
CHR5	24841735	CHR5:24841735	SSF x Near_LoA	-8,81883085	-0,075	0,307
CHR5	24841736	CHR5:24841736	SSF x Near_LoA	-8,17765704	-0,066	0,307
CHR5	24841747	CHR5:24841747	SSF x Near_LoA	-10,21668	-0,086	0,296
CHR5	24841750	CHR5:24841750	SSF x Near_LoA	-8,72806679	0,047	0,303
CHR5	24841789	CHR5:24841789	SSF x Near_LoA	-8,94304836	0,133	0,299
CHR5	24841793	CHR5:24841793	SSF x Near_LoA	-4,42085896	-0,082	0,313
CHR5	24848222	CHR5:24848222	SSF x Near_LoA	-9,24672547	-0,057	0,306
CHR5	24848304	CHR5:24848304	SSF x Near_LoA	-5,75012785	-0,038	0,315
CHR5	24848336	CHR5:24848336	SSF x Near_LoA	-8,96126383	-0,020	0,320
CHR5	24848349	CHR5:24848349	SSF x Near_LoA	-7,39722607	-0,010	0,300
CHR5	24857357	CHR5:24857357	SSF x Near_LoA	-8,58793441	-0,026	0,321
CHR5	24857366	CHR5:24857366	SSF x Near_LoA	-11,7069916	0,065	0,302
CHR5	24857460	CHR5:24857460	SSF x Near_LoA	-8,19515434	-0,003	0,308
CHR5	24861635	CHR5:24861635	SSF x Near_LoA	-10,460423	0,019	0,303
CHR5	24869278	CHR5:24869278	SSF x Near_LoA	-6,85196719	0,135	0,302
CHR5	24869287	CHR5:24869287	SSF x Near_LoA	-8,43199909	0,001	0,315
CHR5	24869344	CHR5:24869344	SSF x Near_LoA	-9,89097232	-0,092	0,311

CHR5	24869361	CHR5:24869361	SSF x Near_LoA	-9,64739308	-0,040	0,295
CHR5	24869369	CHR5:24869369	SSF x Near_LoA	-10,6994043	-0,034	0,317
CHR5	2487023	CHR5:2487023	SSF x Near_LoA	-11,39182	-0,033	0,318
CHR5	2487184	CHR5:2487184	SSF x Near_LoA	-11,736944	-0,001	0,305
CHR5	24874647	CHR5:24874647	SSF x Near_LoA	-11,6083673	-0,022	0,307
CHR5	24874852	CHR5:24874852	SSF x Near_LoA	-10,4712313	-0,023	0,306
CHR5	24874927	CHR5:24874927	SSF x Near_LoA	-10,8188261	0,059	0,308
CHR5	24885063	CHR5:24885063	SSF x Near_LoA	-11,8054852	-0,037	0,304
CHR5	2488518	CHR5:2488518	SSF x Near_LoA	-10,5693016	0,066	0,308
CHR5	24885231	CHR5:24885231	SSF x Near_LoA	-8,05043695	0,146	0,301
CHR5	24906366	CHR5:24906366	SSF x Near_LoA	-9,48164022	0,041	0,315
CHR5	24906438	CHR5:24906438	SSF x Near_LoA	-8,96262798	0,008	0,308
CHR5	24906459	CHR5:24906459	SSF x Near_LoA	-8,47836731	0,003	0,313
CHR5	24909067	CHR5:24909067	SSF x Near_LoA	-9,40213621	-0,050	0,313
CHR5	24909068	CHR5:24909068	SSF x Near_LoA	-9,57964896	-0,062	0,296
CHR5	2491757	CHR5:2491757	SSF x Near_LoA	-10,0107534	0,074	0,309
CHR5	2491771	CHR5:2491771	SSF x Near_LoA	-10,6722583	-0,025	0,307
CHR5	2491867	CHR5:2491867	SSF x Near_LoA	-8,9040074	0,191	0,298
CHR5	24931142	CHR5:24931142	SSF x Near_LoA	-10,859408	-0,080	0,310
CHR5	24931151	CHR5:24931151	SSF x Near_LoA	-9,89672704	-0,035	0,308
CHR5	24931213	CHR5:24931213	SSF x Near_LoA	-11,3495016	0,004	0,297
CHR5	24931222	CHR5:24931222	SSF x Near_LoA	-10,8433252	-0,017	0,310
CHR5	24931246	CHR5:24931246	SSF x Near_LoA	-7,15529706	0,237	0,298
CHR5	24931267	CHR5:24931267	SSF x Near_LoA	-8,22313707	-0,059	0,313
CHR5	24931271	CHR5:24931271	SSF x Near_LoA	-7,94305219	-0,093	0,300
CHR5	24931287	CHR5:24931287	SSF x Near_LoA	-11,8185266	0,004	0,307
CHR5	24931297	CHR5:24931297	SSF x Near_LoA	-9,32904499	0,212	0,289
CHR5	24931308	CHR5:24931308	SSF x Near_LoA	-8,95193992	0,031	0,319
CHR5	24931318	CHR5:24931318	SSF x Near_LoA	-7,14654832	-0,109	0,311
CHR5	24931389	CHR5:24931389	SSF x Near_LoA	-8,6024813	0,060	0,320
CHR5	24940965	CHR5:24940965	SSF x Near_LoA	-8,95093944	0,086	0,295
CHR5	24941064	CHR5:24941064	SSF x Near_LoA	-10,0113192	0,152	0,291
CHR5	24946355	CHR5:24946355	SSF x Near_LoA	-6,93732935	0,064	0,304
CHR5	24946360	CHR5:24946360	SSF x Near_LoA	-8,39541523	0,056	0,305
CHR5	24946361	CHR5:24946361	SSF x Near_LoA	-9,66734847	0,020	0,321
CHR5	24950635	CHR5:24950635	SSF x Near_LoA	-8,76927023	0,074	0,307
CHR5	24950763	CHR5:24950763	SSF x Near_LoA	-9,53495276	-0,043	0,310
CHR5	24950793	CHR5:24950793	SSF x Near_LoA	-8,60380128	-0,069	0,314
CHR5	24950799	CHR5:24950799	SSF x Near_LoA	-11,5692042	0,057	0,303
CHR5	24971477	CHR5:24971477	SSF x Near_LoA	-10,2742893	-0,135	0,304
CHR5	24979546	CHR5:24979546	SSF x Near_LoA	-10,6047034	0,044	0,306
CHR5	24979556	CHR5:24979556	SSF x Near_LoA	-10,9828727	0,017	0,300
CHR5	2498366	CHR5:2498366	SSF x Near_LoA	-9,34123339	-0,129	0,312
CHR5	2498423	CHR5:2498423	SSF x Near_LoA	-6,4049869	-0,046	0,316
CHR5	2498470	CHR5:2498470	SSF x Near_LoA	-7,08840728	0,157	0,293
CHR5	24987975	CHR5:24987975	SSF x Near_LoA	-5,89206828	-0,113	0,297
CHR5	24988020	CHR5:24988020	SSF x Near_LoA	-7,93646217	-0,021	0,305
CHR5	24988095	CHR5:24988095	SSF x Near_LoA	-10,1261482	0,030	0,315
CHR5	24988162	CHR5:24988162	SSF x Near_LoA	-6,10210894	0,189	0,298
CHR5	24988184	CHR5:24988184	SSF x Near_LoA	-11,637337	0,009	0,299
CHR5	24996615	CHR5:24996615	SSF x Near_LoA	-8,03012708	-0,082	0,303
CHR5	24996629	CHR5:24996629	SSF x Near_LoA	-9,06166876	0,107	0,303
CHR5	25004192	CHR5:25004192	SSF x Near_LoA	-9,46412859	-0,079	0,309

CHR5	25004200	CHR5:25004200	SSF x Near_LoA	-9,20936116	-0,042	0,322
CHR5	25006085	CHR5:25006085	SSF x Near_LoA	-7,6404619	-0,079	0,306
CHR5	25006108	CHR5:25006108	SSF x Near_LoA	-8,9868271	-0,071	0,304
CHR5	25008047	CHR5:25008047	SSF x Near_LoA	-11,4816796	-0,021	0,309
CHR5	25012357	CHR5:25012357	SSF x Near_LoA	-11,3594473	0,021	0,318
CHR5	25012585	CHR5:25012585	SSF x Near_LoA	-10,6226234	-0,032	0,302
CHR5	25012641	CHR5:25012641	SSF x Near_LoA	-6,83509829	0,064	0,307
CHR5	25012662	CHR5:25012662	SSF x Near_LoA	-10,8110406	-0,004	0,295
CHR5	25012726	CHR5:25012726	SSF x Near_LoA	-9,55298953	0,052	0,300
CHR5	25026787	CHR5:25026787	SSF x Near_LoA	-9,48339744	-0,026	0,325
CHR5	25026814	CHR5:25026814	SSF x Near_LoA	-10,5279089	-0,040	0,305
CHR5	25026889	CHR5:25026889	SSF x Near_LoA	-8,18045951	-0,060	0,326
CHR5	25045181	CHR5:25045181	SSF x Near_LoA	-8,41418507	0,067	0,312
CHR5	25045363	CHR5:25045363	SSF x Near_LoA	-9,82860625	-0,088	0,295
CHR5	25052583	CHR5:25052583	SSF x Near_LoA	-7,58708284	0,112	0,302
CHR5	25052590	CHR5:25052590	SSF x Near_LoA	1,88897696	0,029	0,315
CHR5	25058525	CHR5:25058525	SSF x Near_LoA	11,2251976	-0,153	0,299
CHR5	25058566	CHR5:25058566	SSF x Near_LoA	-10,8297624	-0,001	0,304
CHR5	25058676	CHR5:25058676	SSF x Near_LoA	-7,68445904	0,020	0,327
CHR5	25058775	CHR5:25058775	SSF x Near_LoA	-9,49687364	-0,143	0,304
CHR5	25060727	CHR5:25060727	SSF x Near_LoA	-8,10088138	0,066	0,320
CHR5	25060801	CHR5:25060801	SSF x Near_LoA	-11,4758121	-0,056	0,309
CHR5	25060859	CHR5:25060859	SSF x Near_LoA	-11,6017251	0,003	0,300
CHR5	25068229	CHR5:25068229	SSF x Near_LoA	-11,0836869	0,105	0,313
CHR5	25068256	CHR5:25068256	SSF x Near_LoA	-7,99454904	0,036	0,306
CHR5	25068400	CHR5:25068400	SSF x Near_LoA	-8,58412158	-0,067	0,300
CHR5	2507021	CHR5:2507021	SSF x Near_LoA	-9,00242308	-0,132	0,308
CHR5	2507097	CHR5:2507097	SSF x Near_LoA	-8,87775872	0,135	0,292
CHR5	2507176	CHR5:2507176	SSF x Near_LoA	-9,64037267	0,014	0,310
CHR5	25086833	CHR5:25086833	SSF x Near_LoA	-10,5161613	-0,001	0,312
CHR5	25086850	CHR5:25086850	SSF x Near_LoA	-8,38013397	-0,093	0,314
CHR5	25086974	CHR5:25086974	SSF x Near_LoA	-7,17806428	-0,088	0,312
CHR5	25086975	CHR5:25086975	SSF x Near_LoA	-9,20377048	-0,087	0,295
CHR5	25087024	CHR5:25087024	SSF x Near_LoA	-7,4022783	-0,154	0,296
CHR5	25087047	CHR5:25087047	SSF x Near_LoA	-10,2985321	-0,075	0,311
CHR5	25087052	CHR5:25087052	SSF x Near_LoA	-9,11723393	-0,096	0,291
CHR5	25087094	CHR5:25087094	SSF x Near_LoA	-12,0344891	-0,055	0,303
CHR5	25099580	CHR5:25099580	SSF x Near_LoA	-9,96034643	-0,071	0,299
CHR5	25099605	CHR5:25099605	SSF x Near_LoA	-9,11127851	-0,057	0,314
CHR5	25100978	CHR5:25100978	SSF x Near_LoA	-6,36998378	0,084	0,325
CHR5	25101025	CHR5:25101025	SSF x Near_LoA	-7,84445231	-0,111	0,313
CHR5	25101111	CHR5:25101111	SSF x Near_LoA	-9,47475668	0,117	0,304
CHR5	25101135	CHR5:25101135	SSF x Near_LoA	-7,76565863	0,127	0,304
CHR5	25105856	CHR5:25105856	SSF x Near_LoA	-9,29777697	0,045	0,305
CHR5	25109290	CHR5:25109290	SSF x Near_LoA	-10,6393221	0,026	0,310
CHR5	25109306	CHR5:25109306	SSF x Near_LoA	-11,5590047	-0,061	0,297
CHR5	25116584	CHR5:25116584	SSF x Near_LoA	-5,23374119	0,084	0,303
CHR5	25116747	CHR5:25116747	SSF x Near_LoA	-9,32637243	0,047	0,322
CHR5	25116830	CHR5:25116830	SSF x Near_LoA	-10,6570199	-0,025	0,295
CHR5	25123420	CHR5:25123420	SSF x Near_LoA	-7,6431722	-0,009	0,306
CHR5	25127710	CHR5:25127710	SSF x Near_LoA	-11,6470364	0,120	0,301
CHR5	25127715	CHR5:25127715	SSF x Near_LoA	-10,7237277	0,017	0,307
CHR5	25131232	CHR5:25131232	SSF x Near_LoA	-12,0521831	-0,061	0,298

CHR5	25131268	CHR5:25131268	SSF x Near_LoA	-1,54075859	0,091	0,311
CHR5	25131314	CHR5:25131314	SSF x Near_LoA	-0,67759562	-0,069	0,311
CHR5	25137142	CHR5:25137142	SSF x Near_LoA	-11,427709	-0,013	0,303
CHR5	25137200	CHR5:25137200	SSF x Near_LoA	-9,44648561	0,120	0,300
CHR5	25137301	CHR5:25137301	SSF x Near_LoA	-8,97277529	-0,017	0,304
CHR5	25137312	CHR5:25137312	SSF x Near_LoA	1,37302245	0,117	0,304
CHR5	25137364	CHR5:25137364	SSF x Near_LoA	-9,18657587	-0,096	0,311
CHR5	25144234	CHR5:25144234	SSF x Near_LoA	-10,1887981	0,004	0,308
CHR5	25144263	CHR5:25144263	SSF x Near_LoA	-8,84267915	-0,022	0,318
CHR5	25146008	CHR5:25146008	SSF x Near_LoA	-9,69728413	0,086	0,302
CHR5	25146034	CHR5:25146034	SSF x Near_LoA	-8,3450825	-0,059	0,321
CHR5	2514682	CHR5:2514682	SSF x Near_LoA	-5,03566138	0,086	0,315
CHR5	2514718	CHR5:2514718	SSF x Near_LoA	-10,6559878	-0,072	0,306
CHR5	2514755	CHR5:2514755	SSF x Near_LoA	-9,87544547	-0,045	0,289
CHR5	25156910	CHR5:25156910	SSF x Near_LoA	-8,84237239	-0,061	0,307
CHR5	25162948	CHR5:25162948	SSF x Near_LoA	-10,5096434	0,115	0,303
CHR5	25162964	CHR5:25162964	SSF x Near_LoA	-5,96094847	0,219	0,302
CHR5	25162978	CHR5:25162978	SSF x Near_LoA	-4,39983757	0,145	0,304
CHR5	25163033	CHR5:25163033	SSF x Near_LoA	-10,9853286	0,008	0,302
CHR5	25163040	CHR5:25163040	SSF x Near_LoA	-11,2985369	0,066	0,302
CHR5	25168379	CHR5:25168379	SSF x Near_LoA	-7,86982896	0,143	0,300
CHR5	25168413	CHR5:25168413	SSF x Near_LoA	-8,79120603	-0,060	0,308
CHR5	25168431	CHR5:25168431	SSF x Near_LoA	-8,98984345	-0,061	0,321
CHR5	25168432	CHR5:25168432	SSF x Near_LoA	-7,49162663	-0,146	0,316
CHR5	25170746	CHR5:25170746	SSF x Near_LoA	-8,97234104	-0,051	0,292
CHR5	25170923	CHR5:25170923	SSF x Near_LoA	-10,1131961	-0,009	0,320
CHR5	25180537	CHR5:25180537	SSF x Near_LoA	-8,1750151	0,120	0,312
CHR5	25180693	CHR5:25180693	SSF x Near_LoA	-10,2392196	0,048	0,303
CHR5	25180725	CHR5:25180725	SSF x Near_LoA	-6,96478082	-0,050	0,313
CHR5	25180771	CHR5:25180771	SSF x Near_LoA	-10,3508569	0,065	0,310
CHR5	25186307	CHR5:25186307	SSF x Near_LoA	-7,75535678	0,000	0,314
CHR5	25186318	CHR5:25186318	SSF x Near_LoA	-10,9470409	0,060	0,305
CHR5	25186361	CHR5:25186361	SSF x Near_LoA	-8,5164585	-0,085	0,308
CHR5	2518693	CHR5:2518693	SSF x Near_LoA	-9,38401314	0,006	0,310
CHR5	25198224	CHR5:25198224	SSF x Near_LoA	-9,7775217	0,036	0,310
CHR5	25199781	CHR5:25199781	SSF x Near_LoA	-8,77279816	-0,021	0,296
CHR5	25199891	CHR5:25199891	SSF x Near_LoA	-0,70720227	-0,101	0,298
CHR5	25199940	CHR5:25199940	SSF x Near_LoA	-12,0568109	0,008	0,291
CHR5	25201792	CHR5:25201792	SSF x Near_LoA	-9,04866721	0,007	0,309
CHR5	25211146	CHR5:25211146	SSF x Near_LoA	-10,9979303	0,028	0,313
CHR5	25211293	CHR5:25211293	SSF x Near_LoA	-10,4080008	-0,069	0,305
CHR5	25211322	CHR5:25211322	SSF x Near_LoA	-7,41606256	-0,132	0,303
CHR5	25211325	CHR5:25211325	SSF x Near_LoA	-4,78554332	0,163	0,311
CHR5	25218390	CHR5:25218390	SSF x Near_LoA	-9,78586673	0,091	0,312
CHR5	25218415	CHR5:25218415	SSF x Near_LoA	-4,59232503	0,021	0,305
CHR5	25218478	CHR5:25218478	SSF x Near_LoA	1,27468545	0,116	0,304
CHR5	25218573	CHR5:25218573	SSF x Near_LoA	-6,83008911	0,136	0,311
CHR5	25218596	CHR5:25218596	SSF x Near_LoA	-10,5009895	0,032	0,310
CHR5	25218646	CHR5:25218646	SSF x Near_LoA	-8,89900486	0,048	0,291
CHR5	25218675	CHR5:25218675	SSF x Near_LoA	-6,79981265	0,101	0,303
CHR5	25218677	CHR5:25218677	SSF x Near_LoA	-11,2383851	-0,008	0,299
CHR5	25218723	CHR5:25218723	SSF x Near_LoA	-10,9947198	-0,019	0,291
CHR5	25218741	CHR5:25218741	SSF x Near_LoA	-8,65649213	-0,057	0,299

CHR5	25223120	CHR5:25223120	SSF x Near_LoA	-8,75209869	-0,060	0,304
CHR5	25223179	CHR5:25223179	SSF x Near_LoA	-9,83164906	-0,114	0,307
CHR5	25224704	CHR5:25224704	SSF x Near_LoA	-10,9614113	0,040	0,310
CHR5	25224734	CHR5:25224734	SSF x Near_LoA	-9,53048998	-0,008	0,304
CHR5	25224779	CHR5:25224779	SSF x Near_LoA	-7,96336271	0,027	0,320
CHR5	25224802	CHR5:25224802	SSF x Near_LoA	-9,69218085	0,068	0,311
CHR5	25224803	CHR5:25224803	SSF x Near_LoA	-3,10057217	0,118	0,301
CHR5	25229649	CHR5:25229649	SSF x Near_LoA	-10,6533653	0,022	0,304
CHR5	25229667	CHR5:25229667	SSF x Near_LoA	-9,91101043	0,024	0,308
CHR5	25229757	CHR5:25229757	SSF x Near_LoA	-9,53638679	0,031	0,307
CHR5	25229787	CHR5:25229787	SSF x Near_LoA	-7,54252653	-0,163	0,308
CHR5	25240521	CHR5:25240521	SSF x Near_LoA	-5,98817094	-0,145	0,295
CHR5	25240529	CHR5:25240529	SSF x Near_LoA	-2,2524901	-0,204	0,295
CHR5	25249886	CHR5:25249886	SSF x Near_LoA	-11,641619	-0,053	0,304
CHR5	25249942	CHR5:25249942	SSF x Near_LoA	-2,44861435	0,145	0,312
CHR5	25249994	CHR5:25249994	SSF x Near_LoA	-9,23914088	-0,009	0,299
CHR5	25250012	CHR5:25250012	SSF x Near_LoA	-8,02177	-0,132	0,311
CHR5	25254487	CHR5:25254487	SSF x Near_LoA	-10,0224245	-0,086	0,309
CHR5	25254567	CHR5:25254567	SSF x Near_LoA	-11,1092042	0,104	0,290
CHR5	25254607	CHR5:25254607	SSF x Near_LoA	-12,1219567	0,079	0,298
CHR5	25254609	CHR5:25254609	SSF x Near_LoA	-9,43051964	-0,034	0,310
CHR5	25254741	CHR5:25254741	SSF x Near_LoA	-10,7906763	-0,031	0,301
CHR5	2525729	CHR5:2525729	SSF x Near_LoA	-10,0468676	-0,060	0,310
CHR5	2525780	CHR5:2525780	SSF x Near_LoA	-10,0573363	0,108	0,312
CHR5	25259407	CHR5:25259407	SSF x Near_LoA	-6,35255194	0,079	0,317
CHR5	25259445	CHR5:25259445	SSF x Near_LoA	-11,0888618	0,045	0,313
CHR5	25259470	CHR5:25259470	SSF x Near_LoA	-11,1924463	-0,027	0,305
CHR5	25263306	CHR5:25263306	SSF x Near_LoA	-7,93026103	0,036	0,310
CHR5	25263358	CHR5:25263358	SSF x Near_LoA	-10,6031596	0,077	0,295
CHR5	25265376	CHR5:25265376	SSF x Near_LoA	-9,40941977	-0,010	0,298
CHR5	25265392	CHR5:25265392	SSF x Near_LoA	-9,65186732	0,014	0,309
CHR5	25265422	CHR5:25265422	SSF x Near_LoA	-7,89060871	-0,007	0,316
CHR5	25266000	CHR5:25266000	SSF x Near_LoA	-9,34282303	-0,001	0,314
CHR5	25271434	CHR5:25271434	SSF x Near_LoA	-8,54310567	-0,060	0,305
CHR5	25271548	CHR5:25271548	SSF x Near_LoA	-6,33390142	0,104	0,304
CHR5	25271627	CHR5:25271627	SSF x Near_LoA	-8,42253047	-0,052	0,316
CHR5	25277500	CHR5:25277500	SSF x Near_LoA	-7,16623674	-0,006	0,310
CHR5	2527826	CHR5:2527826	SSF x Near_LoA	-9,07901126	-0,125	0,305
CHR5	2527847	CHR5:2527847	SSF x Near_LoA	-9,59617171	0,059	0,299
CHR5	2527949	CHR5:2527949	SSF x Near_LoA	-10,0563323	-0,027	0,301
CHR5	2528078	CHR5:2528078	SSF x Near_LoA	-9,62707024	-0,027	0,300
CHR5	25308317	CHR5:25308317	SSF x Near_LoA	-11,4321733	0,081	0,314
CHR5	25308325	CHR5:25308325	SSF x Near_LoA	-10,9224071	-0,063	0,314
CHR5	25320372	CHR5:25320372	SSF x Near_LoA	-7,46254839	-0,018	0,302
CHR5	25350281	CHR5:25350281	SSF x Near_LoA	-7,65324791	0,015	0,294
CHR5	25350301	CHR5:25350301	SSF x Near_LoA	-8,8469629	0,052	0,305
CHR5	25368318	CHR5:25368318	SSF x Near_LoA	-10,9769518	0,024	0,312
CHR5	25368320	CHR5:25368320	SSF x Near_LoA	-6,73032314	0,021	0,313
CHR5	25375779	CHR5:25375779	SSF x Near_LoA	-10,325787	-0,102	0,306
CHR5	25375824	CHR5:25375824	SSF x Near_LoA	-8,39173434	0,123	0,300
CHR5	25375825	CHR5:25375825	SSF x Near_LoA	-8,87438166	0,155	0,285
CHR5	25375877	CHR5:25375877	SSF x Near_LoA	-10,3296799	-0,075	0,313
CHR5	25375883	CHR5:25375883	SSF x Near_LoA	-8,96603399	-0,080	0,304

CHR5	25375895	CHR5:25375895	SSF x Near_LoA	-10,3520715	-0,052	0,308
CHR5	25391969	CHR5:25391969	SSF x Near_LoA	-7,48788147	-0,078	0,301
CHR5	25392075	CHR5:25392075	SSF x Near_LoA	-9,10271071	-0,110	0,310
CHR5	25392138	CHR5:25392138	SSF x Near_LoA	-10,6392007	-0,004	0,316
CHR5	25392189	CHR5:25392189	SSF x Near_LoA	-9,7674541	0,001	0,307
CHR5	25422037	CHR5:25422037	SSF x Near_LoA	-10,9056806	0,000	0,301
CHR5	2542475	CHR5:2542475	SSF x Near_LoA	-9,05722479	0,107	0,304
CHR5	25461659	CHR5:25461659	SSF x Near_LoA	-11,3445722	-0,086	0,303
CHR5	25461852	CHR5:25461852	SSF x Near_LoA	-9,31096106	0,067	0,306
CHR5	25461874	CHR5:25461874	SSF x Near_LoA	-10,9233528	-0,028	0,306
CHR5	25469469	CHR5:25469469	SSF x Near_LoA	-10,6779049	-0,024	0,317
CHR5	25474422	CHR5:25474422	SSF x Near_LoA	-11,8520391	0,018	0,296
CHR5	25474430	CHR5:25474430	SSF x Near_LoA	-9,65275367	0,001	0,318
CHR5	25474493	CHR5:25474493	SSF x Near_LoA	-9,88163678	-0,135	0,293
CHR5	25474568	CHR5:25474568	SSF x Near_LoA	-10,584337	0,023	0,301
CHR5	25474575	CHR5:25474575	SSF x Near_LoA	-9,11480616	0,026	0,307
CHR5	25474606	CHR5:25474606	SSF x Near_LoA	-3,97380007	0,013	0,317
CHR5	25474642	CHR5:25474642	SSF x Near_LoA	-9,43458204	0,030	0,305
CHR5	25474655	CHR5:25474655	SSF x Near_LoA	-8,97657544	-0,072	0,315
CHR5	25474686	CHR5:25474686	SSF x Near_LoA	-8,98831827	-0,013	0,311
CHR5	25476404	CHR5:25476404	SSF x Near_LoA	-11,3986866	-0,062	0,318
CHR5	25477214	CHR5:25477214	SSF x Near_LoA	-9,14988494	-0,017	0,308
CHR5	25485645	CHR5:25485645	SSF x Near_LoA	-7,68933527	-0,109	0,312
CHR5	25485663	CHR5:25485663	SSF x Near_LoA	-8,63614418	0,026	0,318
CHR5	25516063	CHR5:25516063	SSF x Near_LoA	-9,26137844	-0,022	0,308
CHR5	25516109	CHR5:25516109	SSF x Near_LoA	-5,75054172	-0,088	0,297
CHR5	2552035	CHR5:2552035	SSF x Near_LoA	-9,33317072	0,019	0,300
CHR5	2552045	CHR5:2552045	SSF x Near_LoA	-7,77984892	0,013	0,313
CHR5	25559225	CHR5:25559225	SSF x Near_LoA	-8,60280918	0,070	0,306
CHR5	25559319	CHR5:25559319	SSF x Near_LoA	-7,81857412	0,034	0,317
CHR5	2556557	CHR5:2556557	SSF x Near_LoA	-9,28251974	0,056	0,317
CHR5	2556602	CHR5:2556602	SSF x Near_LoA	-9,9366929	0,058	0,326
CHR5	2556736	CHR5:2556736	SSF x Near_LoA	-7,52107257	0,100	0,310
CHR5	2556817	CHR5:2556817	SSF x Near_LoA	-10,7273145	-0,029	0,306
CHR5	2556885	CHR5:2556885	SSF x Near_LoA	-10,0871592	0,065	0,299
CHR5	25580467	CHR5:25580467	SSF x Near_LoA	-0,82902939	0,097	0,303
CHR5	25606957	CHR5:25606957	SSF x Near_LoA	-9,41994897	0,045	0,315
CHR5	25607076	CHR5:25607076	SSF x Near_LoA	-8,05094771	0,079	0,323
CHR5	25612483	CHR5:25612483	SSF x Near_LoA	-6,9315737	-0,145	0,309
CHR5	25612515	CHR5:25612515	SSF x Near_LoA	-5,42537528	0,056	0,315
CHR5	25691533	CHR5:25691533	SSF x Near_LoA	-8,62517773	-0,099	0,310
CHR5	25699494	CHR5:25699494	SSF x Near_LoA	-8,06202038	0,092	0,292
CHR5	25699523	CHR5:25699523	SSF x Near_LoA	-11,3424187	-0,007	0,314
CHR5	25713359	CHR5:25713359	SSF x Near_LoA	-9,65647166	0,078	0,304
CHR5	2571480	CHR5:2571480	SSF x Near_LoA	-9,90825695	-0,031	0,312
CHR5	2571509	CHR5:2571509	SSF x Near_LoA	-11,2660784	0,006	0,313
CHR5	2571563	CHR5:2571563	SSF x Near_LoA	-10,898086	-0,059	0,306
CHR5	25732841	CHR5:25732841	SSF x Near_LoA	-3,26684784	0,077	0,303
CHR5	25732884	CHR5:25732884	SSF x Near_LoA	-7,26103437	-0,061	0,284
CHR5	25735325	CHR5:25735325	SSF x Near_LoA	-11,1606785	-0,032	0,302
CHR5	25739924	CHR5:25739924	SSF x Near_LoA	-12,211383	-0,024	0,298
CHR5	25740039	CHR5:25740039	SSF x Near_LoA	-11,6756229	0,015	0,309
CHR5	25753835	CHR5:25753835	SSF x Near_LoA	-8,93842429	-0,058	0,322

CHR5	25754048	CHR5:25754048	SSF x Near_LoA	-10,0806741	0,039	0,314
CHR5	25757045	CHR5:25757045	SSF x Near_LoA	-7,985814	0,096	0,307
CHR5	25757053	CHR5:25757053	SSF x Near_LoA	-11,3674737	0,047	0,319
CHR5	25757061	CHR5:25757061	SSF x Near_LoA	-8,13333118	-0,085	0,319
CHR5	25757077	CHR5:25757077	SSF x Near_LoA	-9,47514018	0,017	0,313
CHR5	25757094	CHR5:25757094	SSF x Near_LoA	-10,6640269	0,022	0,317
CHR5	25757249	CHR5:25757249	SSF x Near_LoA	-7,83092158	-0,120	0,298
CHR5	25757277	CHR5:25757277	SSF x Near_LoA	-9,12670112	0,051	0,306
CHR5	25777945	CHR5:25777945	SSF x Near_LoA	-9,12345697	-0,064	0,308
CHR5	25777966	CHR5:25777966	SSF x Near_LoA	-8,71479372	0,012	0,313
CHR5	25778067	CHR5:25778067	SSF x Near_LoA	-7,72839513	-0,101	0,294
CHR5	25778542	CHR5:25778542	SSF x Near_LoA	-9,35237493	0,020	0,292
CHR5	25778557	CHR5:25778557	SSF x Near_LoA	-7,80466455	-0,136	0,295
CHR5	25778596	CHR5:25778596	SSF x Near_LoA	-9,53286879	0,020	0,290
CHR5	25778609	CHR5:25778609	SSF x Near_LoA	-8,02051293	0,100	0,305
CHR5	25778610	CHR5:25778610	SSF x Near_LoA	-7,24968439	-0,046	0,310
CHR5	25778619	CHR5:25778619	SSF x Near_LoA	-8,18120664	0,067	0,293
CHR5	25778629	CHR5:25778629	SSF x Near_LoA	-9,79699607	-0,107	0,307
CHR5	25789651	CHR5:25789651	SSF x Near_LoA	-11,0382977	0,017	0,302
CHR5	25800270	CHR5:25800270	SSF x Near_LoA	-9,48994712	0,031	0,311
CHR5	25800378	CHR5:25800378	SSF x Near_LoA	-10,652718	0,001	0,324
CHR5	25800425	CHR5:25800425	SSF x Near_LoA	-9,17610977	-0,124	0,304
CHR5	25800497	CHR5:25800497	SSF x Near_LoA	-9,95632222	0,015	0,307
CHR5	25800587	CHR5:25800587	SSF x Near_LoA	-10,7506343	0,031	0,305
CHR5	25815674	CHR5:25815674	SSF x Near_LoA	-10,8120093	0,112	0,302
CHR5	25816218	CHR5:25816218	SSF x Near_LoA	-7,40820202	0,157	0,297
CHR5	25816325	CHR5:25816325	SSF x Near_LoA	-6,78762799	-0,197	0,300
CHR5	25816372	CHR5:25816372	SSF x Near_LoA	-11,945128	-0,036	0,311
CHR5	25816382	CHR5:25816382	SSF x Near_LoA	-8,90711951	-0,014	0,320
CHR5	25816397	CHR5:25816397	SSF x Near_LoA	-11,4007857	0,047	0,320
CHR5	25825535	CHR5:25825535	SSF x Near_LoA	-11,5607441	-0,053	0,309
CHR5	25830794	CHR5:25830794	SSF x Near_LoA	-6,50008998	0,004	0,318
CHR5	25830819	CHR5:25830819	SSF x Near_LoA	-10,4014275	0,057	0,308
CHR5	25835284	CHR5:25835284	SSF x Near_LoA	-7,57698677	-0,054	0,311
CHR5	25835287	CHR5:25835287	SSF x Near_LoA	-7,72603008	-0,084	0,309
CHR5	25835297	CHR5:25835297	SSF x Near_LoA	-8,60635282	-0,046	0,300
CHR5	25852257	CHR5:25852257	SSF x Near_LoA	-9,73731865	0,130	0,301
CHR5	25852299	CHR5:25852299	SSF x Near_LoA	-8,94264659	0,159	0,304
CHR5	25852357	CHR5:25852357	SSF x Near_LoA	-9,39180539	0,022	0,310
CHR5	2585450	CHR5:2585450	SSF x Near_LoA	-8,76813159	-0,063	0,309
CHR5	25862081	CHR5:25862081	SSF x Near_LoA	-8,07149663	0,082	0,305
CHR5	25862180	CHR5:25862180	SSF x Near_LoA	-9,76976119	0,071	0,303
CHR5	25862188	CHR5:25862188	SSF x Near_LoA	-10,1062613	-0,074	0,298
CHR5	25862254	CHR5:25862254	SSF x Near_LoA	-9,87427418	-0,091	0,312
CHR5	25862277	CHR5:25862277	SSF x Near_LoA	-7,51652586	0,029	0,309
CHR5	25862288	CHR5:25862288	SSF x Near_LoA	-8,77799635	-0,007	0,295
CHR5	25865207	CHR5:25865207	SSF x Near_LoA	-9,05888595	-0,052	0,314
CHR5	25865403	CHR5:25865403	SSF x Near_LoA	-6,42821732	-0,028	0,308
CHR5	25877828	CHR5:25877828	SSF x Near_LoA	-8,85272276	0,081	0,282
CHR5	25879561	CHR5:25879561	SSF x Near_LoA	-11,2351162	0,011	0,307
CHR5	25879582	CHR5:25879582	SSF x Near_LoA	-9,3634184	-0,102	0,291
CHR5	25879625	CHR5:25879625	SSF x Near_LoA	-6,42282691	-0,059	0,315
CHR5	25883034	CHR5:25883034	SSF x Near_LoA	-9,08806226	0,024	0,316

CHR5	25883131	CHR5:25883131	SSF x Near_LoA	-4,95930011	0,061	0,314
CHR5	25887798	CHR5:25887798	SSF x Near_LoA	-10,1346273	0,002	0,311
CHR5	25887830	CHR5:25887830	SSF x Near_LoA	-8,24895517	-0,006	0,311
CHR5	25887842	CHR5:25887842	SSF x Near_LoA	-10,3152095	-0,005	0,312
CHR5	25887940	CHR5:25887940	SSF x Near_LoA	-9,94044579	0,131	0,318
CHR5	25889422	CHR5:25889422	SSF x Near_LoA	-7,13955078	-0,037	0,312
CHR5	2589112	CHR5:2589112	SSF x Near_LoA	-9,11237849	-0,044	0,307
CHR5	2589119	CHR5:2589119	SSF x Near_LoA	-9,63170152	-0,060	0,304
CHR5	2589123	CHR5:2589123	SSF x Near_LoA	-8,69037482	-0,016	0,297
CHR5	2589135	CHR5:2589135	SSF x Near_LoA	-11,5630337	-0,001	0,317
CHR5	2589157	CHR5:2589157	SSF x Near_LoA	-10,1351943	0,043	0,298
CHR5	2589209	CHR5:2589209	SSF x Near_LoA	-9,08081093	-0,139	0,311
CHR5	25892740	CHR5:25892740	SSF x Near_LoA	-8,2717949	0,099	0,315
CHR5	25892761	CHR5:25892761	SSF x Near_LoA	-8,73827616	0,054	0,320
CHR5	2589286	CHR5:2589286	SSF x Near_LoA	-8,50471892	-0,040	0,325
CHR5	25892901	CHR5:25892901	SSF x Near_LoA	-9,05560149	-0,162	0,308
CHR5	25892960	CHR5:25892960	SSF x Near_LoA	-10,3254581	0,007	0,306
CHR5	25903196	CHR5:25903196	SSF x Near_LoA	-10,7272782	0,068	0,311
CHR5	25903306	CHR5:25903306	SSF x Near_LoA	-7,5038907	0,196	0,291
CHR5	25903318	CHR5:25903318	SSF x Near_LoA	-11,2827547	0,100	0,304
CHR5	25903326	CHR5:25903326	SSF x Near_LoA	-6,83943874	-0,167	0,302
CHR5	25903327	CHR5:25903327	SSF x Near_LoA	-10,607079	0,045	0,309
CHR5	25903335	CHR5:25903335	SSF x Near_LoA	-10,9552046	0,101	0,306
CHR5	25903418	CHR5:25903418	SSF x Near_LoA	-8,06152858	0,019	0,327
CHR5	25904723	CHR5:25904723	SSF x Near_LoA	-10,9877046	0,078	0,290
CHR5	25908380	CHR5:25908380	SSF x Near_LoA	-10,6513684	0,142	0,305
CHR5	25917104	CHR5:25917104	SSF x Near_LoA	-8,85663154	-0,073	0,294
CHR5	25917146	CHR5:25917146	SSF x Near_LoA	-9,50109341	0,003	0,304
CHR5	25917155	CHR5:25917155	SSF x Near_LoA	-10,2131702	-0,006	0,311
CHR5	25917227	CHR5:25917227	SSF x Near_LoA	-8,15910851	-0,099	0,316
CHR5	259336	CHR5:259336	SSF x Near_LoA	2,32940325	0,072	0,315
CHR5	25937053	CHR5:25937053	SSF x Near_LoA	-8,2092654	-0,030	0,296
CHR5	2594124	CHR5:2594124	SSF x Near_LoA	-9,68166662	-0,099	0,301
CHR5	2594142	CHR5:2594142	SSF x Near_LoA	-5,53378516	0,015	0,310
CHR5	2594205	CHR5:2594205	SSF x Near_LoA	-9,81432758	-0,014	0,311
CHR5	2594284	CHR5:2594284	SSF x Near_LoA	-11,1923071	-0,046	0,315
CHR5	25943565	CHR5:25943565	SSF x Near_LoA	-8,73634377	0,015	0,316
CHR5	25943567	CHR5:25943567	SSF x Near_LoA	-9,50015926	0,013	0,317
CHR5	25943569	CHR5:25943569	SSF x Near_LoA	-6,56776908	0,116	0,300
CHR5	25943581	CHR5:25943581	SSF x Near_LoA	-10,5155235	-0,035	0,312
CHR5	25943816	CHR5:25943816	SSF x Near_LoA	-8,73606651	-0,016	0,306
CHR5	2594411	CHR5:2594411	SSF x Near_LoA	-11,4597962	0,012	0,310
CHR5	25956188	CHR5:25956188	SSF x Near_LoA	-7,72395334	0,149	0,308
CHR5	25956198	CHR5:25956198	SSF x Near_LoA	-10,0615911	0,067	0,284
CHR5	25956251	CHR5:25956251	SSF x Near_LoA	-8,30872516	0,179	0,286
CHR5	25956277	CHR5:25956277	SSF x Near_LoA	-7,04755387	-0,132	0,305
CHR5	25956288	CHR5:25956288	SSF x Near_LoA	-9,04933291	0,050	0,300
CHR5	25960018	CHR5:25960018	SSF x Near_LoA	-9,98214001	0,005	0,307
CHR5	25960032	CHR5:25960032	SSF x Near_LoA	-10,6590504	-0,018	0,307
CHR5	2597016	CHR5:2597016	SSF x Near_LoA	-10,8328094	-0,013	0,316
CHR5	2597017	CHR5:2597017	SSF x Near_LoA	-10,1583002	-0,021	0,303
CHR5	2597135	CHR5:2597135	SSF x Near_LoA	-10,0886051	0,058	0,303
CHR5	2597151	CHR5:2597151	SSF x Near_LoA	-10,1766945	0,002	0,301

CHR5	2597201	CHR5:2597201	SSF x Near_LoA	-10,3107374	-0,013	0,302
CHR5	25976675	CHR5:25976675	SSF x Near_LoA	-10,3729533	0,120	0,300
CHR5	25976687	CHR5:25976687	SSF x Near_LoA	-6,79814199	-0,115	0,312
CHR5	25976700	CHR5:25976700	SSF x Near_LoA	-8,87793537	-0,063	0,314
CHR5	25976722	CHR5:25976722	SSF x Near_LoA	-8,80163532	-0,081	0,317
CHR5	25976767	CHR5:25976767	SSF x Near_LoA	-9,39545248	0,026	0,311
CHR5	25976774	CHR5:25976774	SSF x Near_LoA	-11,1468703	-0,025	0,317
CHR5	25983616	CHR5:25983616	SSF x Near_LoA	-10,0813014	-0,083	0,305
CHR5	25983683	CHR5:25983683	SSF x Near_LoA	-8,12876929	-0,027	0,312
CHR5	25983741	CHR5:25983741	SSF x Near_LoA	-9,89277741	-0,060	0,310
CHR5	25996818	CHR5:25996818	SSF x Near_LoA	-0,1807449	0,156	0,305
CHR5	25996856	CHR5:25996856	SSF x Near_LoA	-7,23191422	0,069	0,299
CHR5	25996886	CHR5:25996886	SSF x Near_LoA	-10,5708641	-0,004	0,301
CHR5	25996936	CHR5:25996936	SSF x Near_LoA	-11,0982676	0,014	0,306
CHR5	25996938	CHR5:25996938	SSF x Near_LoA	-7,06929709	0,128	0,301
CHR5	25996969	CHR5:25996969	SSF x Near_LoA	-9,73638656	-0,031	0,304
CHR5	25997036	CHR5:25997036	SSF x Near_LoA	-10,5140275	-0,132	0,293
CHR5	26006110	CHR5:26006110	SSF x Near_LoA	-11,0044029	-0,006	0,301
CHR5	26009192	CHR5:26009192	SSF x Near_LoA	-8,02719637	0,082	0,315
CHR5	26009275	CHR5:26009275	SSF x Near_LoA	-10,9552926	-0,068	0,297
CHR5	26009430	CHR5:26009430	SSF x Near_LoA	-9,68244201	-0,021	0,303
CHR5	26010720	CHR5:26010720	SSF x Near_LoA	-7,67591699	-0,015	0,317
CHR5	26010727	CHR5:26010727	SSF x Near_LoA	-10,1368172	0,027	0,301
CHR5	26010729	CHR5:26010729	SSF x Near_LoA	-8,46278927	0,039	0,296
CHR5	26010800	CHR5:26010800	SSF x Near_LoA	-9,29589632	-0,138	0,299
CHR5	26010815	CHR5:26010815	SSF x Near_LoA	-7,94415786	-0,049	0,317
CHR5	26010818	CHR5:26010818	SSF x Near_LoA	-9,58777576	0,033	0,306
CHR5	26010851	CHR5:26010851	SSF x Near_LoA	-9,87853155	-0,148	0,289
CHR5	26010860	CHR5:26010860	SSF x Near_LoA	-10,3885112	-0,134	0,315
CHR5	26010869	CHR5:26010869	SSF x Near_LoA	-8,50305162	0,043	0,308
CHR5	26010903	CHR5:26010903	SSF x Near_LoA	-9,88957798	0,078	0,295
CHR5	26010954	CHR5:26010954	SSF x Near_LoA	-9,40366285	0,044	0,307
CHR5	26010956	CHR5:26010956	SSF x Near_LoA	-9,12015444	0,036	0,298
CHR5	26013953	CHR5:26013953	SSF x Near_LoA	-8,45064612	0,101	0,291
CHR5	26013955	CHR5:26013955	SSF x Near_LoA	-7,81124048	0,037	0,314
CHR5	26013964	CHR5:26013964	SSF x Near_LoA	-8,26935452	0,086	0,308
CHR5	26013971	CHR5:26013971	SSF x Near_LoA	-9,1045256	0,082	0,297
CHR5	26016474	CHR5:26016474	SSF x Near_LoA	-10,4572336	0,066	0,317
CHR5	26020960	CHR5:26020960	SSF x Near_LoA	-8,75700289	0,057	0,303
CHR5	26020970	CHR5:26020970	SSF x Near_LoA	-10,9706031	0,078	0,301
CHR5	26021090	CHR5:26021090	SSF x Near_LoA	-9,65880721	0,032	0,318
CHR5	26021109	CHR5:26021109	SSF x Near_LoA	-9,10881965	-0,119	0,297
CHR5	26021176	CHR5:26021176	SSF x Near_LoA	-9,04054028	-0,086	0,305
CHR5	26021197	CHR5:26021197	SSF x Near_LoA	-6,87549622	-0,144	0,308
CHR5	26028202	CHR5:26028202	SSF x Near_LoA	-8,74489506	0,058	0,309
CHR5	26028229	CHR5:26028229	SSF x Near_LoA	-10,5817036	0,046	0,305
CHR5	26028283	CHR5:26028283	SSF x Near_LoA	-7,60432942	-0,049	0,318
CHR5	26028374	CHR5:26028374	SSF x Near_LoA	-8,26548721	0,102	0,290
CHR5	26028387	CHR5:26028387	SSF x Near_LoA	-4,60834894	-0,105	0,303
CHR5	26028420	CHR5:26028420	SSF x Near_LoA	-10,0686346	0,025	0,312
CHR5	26043814	CHR5:26043814	SSF x Near_LoA	-7,76959071	-0,039	0,310
CHR5	26043861	CHR5:26043861	SSF x Near_LoA	-9,28901642	0,063	0,302
CHR5	26043895	CHR5:26043895	SSF x Near_LoA	-0,27546165	-0,048	0,306

CHR5	26043918	CHR5:26043918	SSF x Near_LoA	-9,11847177	0,044	0,305
CHR5	26044014	CHR5:26044014	SSF x Near_LoA	-4,77168539	0,056	0,299
CHR5	26044016	CHR5:26044016	SSF x Near_LoA	-10,0384746	0,043	0,304
CHR5	26044023	CHR5:26044023	SSF x Near_LoA	-10,1657117	0,028	0,301
CHR5	26044034	CHR5:26044034	SSF x Near_LoA	-8,98728089	-0,078	0,317
CHR5	26056181	CHR5:26056181	SSF x Near_LoA	-11,5234467	0,020	0,306
CHR5	26056252	CHR5:26056252	SSF x Near_LoA	-9,54648058	0,124	0,307
CHR5	26056256	CHR5:26056256	SSF x Near_LoA	-8,17446306	-0,007	0,315
CHR5	26056273	CHR5:26056273	SSF x Near_LoA	-8,52977779	0,148	0,305
CHR5	26056287	CHR5:26056287	SSF x Near_LoA	-9,97352267	-0,012	0,309
CHR5	26056290	CHR5:26056290	SSF x Near_LoA	-8,67966529	0,129	0,296
CHR5	26056300	CHR5:26056300	SSF x Near_LoA	-11,3535626	0,019	0,298
CHR5	26056309	CHR5:26056309	SSF x Near_LoA	-9,23551862	-0,051	0,299
CHR5	26056311	CHR5:26056311	SSF x Near_LoA	-5,37595406	-0,007	0,304
CHR5	26058974	CHR5:26058974	SSF x Near_LoA	-8,01254095	-0,054	0,304
CHR5	26058976	CHR5:26058976	SSF x Near_LoA	-4,37984668	-0,083	0,304
CHR5	26058987	CHR5:26058987	SSF x Near_LoA	-4,78633984	0,001	0,319
CHR5	26059023	CHR5:26059023	SSF x Near_LoA	-9,23888789	0,093	0,306
CHR5	26059024	CHR5:26059024	SSF x Near_LoA	-8,24025593	-0,001	0,316
CHR5	26059093	CHR5:26059093	SSF x Near_LoA	-9,33088118	-0,017	0,324
CHR5	26059123	CHR5:26059123	SSF x Near_LoA	-8,53615563	0,030	0,312
CHR5	26059191	CHR5:26059191	SSF x Near_LoA	-12,0617445	-0,067	0,300
CHR5	26059209	CHR5:26059209	SSF x Near_LoA	-1,83624116	-0,251	0,293
CHR5	26066700	CHR5:26066700	SSF x Near_LoA	-9,74794304	-0,068	0,322
CHR5	26066714	CHR5:26066714	SSF x Near_LoA	-9,00485113	-0,069	0,308
CHR5	26066730	CHR5:26066730	SSF x Near_LoA	-10,5043452	0,074	0,309
CHR5	26066771	CHR5:26066771	SSF x Near_LoA	-9,63094651	0,028	0,304
CHR5	26066878	CHR5:26066878	SSF x Near_LoA	-5,90965786	0,020	0,304
CHR5	26076869	CHR5:26076869	SSF x Near_LoA	-9,04704259	0,062	0,315
CHR5	26076897	CHR5:26076897	SSF x Near_LoA	-5,67544196	-0,015	0,322
CHR5	26076938	CHR5:26076938	SSF x Near_LoA	-11,062619	-0,021	0,304
CHR5	26076964	CHR5:26076964	SSF x Near_LoA	-8,27573393	0,046	0,319
CHR5	26076990	CHR5:26076990	SSF x Near_LoA	-9,14789613	-0,016	0,321
CHR5	26077023	CHR5:26077023	SSF x Near_LoA	-9,16248489	-0,042	0,318
CHR5	26077036	CHR5:26077036	SSF x Near_LoA	-10,6730877	-0,065	0,313
CHR5	26077051	CHR5:26077051	SSF x Near_LoA	-8,72921054	0,126	0,310
CHR5	26081883	CHR5:26081883	SSF x Near_LoA	-8,21873521	0,025	0,316
CHR5	26081945	CHR5:26081945	SSF x Near_LoA	-9,82934657	0,050	0,305
CHR5	26081981	CHR5:26081981	SSF x Near_LoA	-9,49355614	0,073	0,298
CHR5	26082022	CHR5:26082022	SSF x Near_LoA	-9,42319097	0,016	0,292
CHR5	26082080	CHR5:26082080	SSF x Near_LoA	-9,9578566	-0,118	0,305
CHR5	26088145	CHR5:26088145	SSF x Near_LoA	-11,2841858	-0,019	0,310
CHR5	26099411	CHR5:26099411	SSF x Near_LoA	-9,96446455	0,080	0,308
CHR5	26099425	CHR5:26099425	SSF x Near_LoA	-7,62267729	0,102	0,305
CHR5	26099434	CHR5:26099434	SSF x Near_LoA	-11,1279312	0,010	0,318
CHR5	26099438	CHR5:26099438	SSF x Near_LoA	-7,96337436	0,030	0,306
CHR5	26099491	CHR5:26099491	SSF x Near_LoA	-8,42230109	-0,090	0,303
CHR5	26099532	CHR5:26099532	SSF x Near_LoA	-8,72879609	0,056	0,313
CHR5	26099570	CHR5:26099570	SSF x Near_LoA	-11,2927915	0,065	0,304
CHR5	26107737	CHR5:26107737	SSF x Near_LoA	-12,1826417	-0,050	0,293
CHR5	26107738	CHR5:26107738	SSF x Near_LoA	-11,3916664	-0,069	0,302
CHR5	26107835	CHR5:26107835	SSF x Near_LoA	-8,16801567	0,108	0,289
CHR5	26107839	CHR5:26107839	SSF x Near_LoA	-7,38178323	0,045	0,312

CHR5	26107917	CHR5:26107917	SSF x Near_LoA	-7,89949993	-0,014	0,317
CHR5	26107925	CHR5:26107925	SSF x Near_LoA	-9,45370913	0,044	0,309
CHR5	26107970	CHR5:26107970	SSF x Near_LoA	-11,4722324	-0,032	0,335
CHR5	26111716	CHR5:26111716	SSF x Near_LoA	-9,54471977	-0,035	0,300
CHR5	26111889	CHR5:26111889	SSF x Near_LoA	-11,3764266	-0,071	0,304
CHR5	26111911	CHR5:26111911	SSF x Near_LoA	-11,4324461	0,018	0,310
CHR5	26116694	CHR5:26116694	SSF x Near_LoA	-10,1803537	0,034	0,306
CHR5	26116747	CHR5:26116747	SSF x Near_LoA	-10,6462561	-0,048	0,313
CHR5	26123643	CHR5:26123643	SSF x Near_LoA	-7,52435333	0,022	0,305
CHR5	26123682	CHR5:26123682	SSF x Near_LoA	-9,78298694	-0,060	0,305
CHR5	26123754	CHR5:26123754	SSF x Near_LoA	-10,4031108	-0,069	0,316
CHR5	26123789	CHR5:26123789	SSF x Near_LoA	-7,91958258	-0,083	0,306
CHR5	26123791	CHR5:26123791	SSF x Near_LoA	-5,41987219	-0,116	0,318
CHR5	26123859	CHR5:26123859	SSF x Near_LoA	-8,59272723	0,024	0,305
CHR5	26134883	CHR5:26134883	SSF x Near_LoA	-4,51278614	-0,097	0,308
CHR5	26134903	CHR5:26134903	SSF x Near_LoA	-8,31141865	-0,091	0,311
CHR5	26134954	CHR5:26134954	SSF x Near_LoA	-8,50993181	0,086	0,302
CHR5	26134971	CHR5:26134971	SSF x Near_LoA	-9,1491075	0,050	0,304
CHR5	26135013	CHR5:26135013	SSF x Near_LoA	-10,4168534	0,080	0,301
CHR5	26135026	CHR5:26135026	SSF x Near_LoA	-9,1363241	0,067	0,310
CHR5	26135079	CHR5:26135079	SSF x Near_LoA	-9,02575312	-0,141	0,307
CHR5	26137191	CHR5:26137191	SSF x Near_LoA	-10,0148808	0,026	0,315
CHR5	26148324	CHR5:26148324	SSF x Near_LoA	-8,91735931	-0,027	0,299
CHR5	26148327	CHR5:26148327	SSF x Near_LoA	-8,83818209	0,007	0,306
CHR5	26148376	CHR5:26148376	SSF x Near_LoA	-10,8809272	0,009	0,313
CHR5	26148391	CHR5:26148391	SSF x Near_LoA	-6,65388121	0,088	0,315
CHR5	26148410	CHR5:26148410	SSF x Near_LoA	-11,0847825	-0,027	0,314
CHR5	26148428	CHR5:26148428	SSF x Near_LoA	-5,9197158	-0,087	0,313
CHR5	26148446	CHR5:26148446	SSF x Near_LoA	-11,6478886	-0,030	0,297
CHR5	26148490	CHR5:26148490	SSF x Near_LoA	-12,6109999	-0,049	0,300
CHR5	26148579	CHR5:26148579	SSF x Near_LoA	-11,1586847	-0,076	0,313
CHR5	26157455	CHR5:26157455	SSF x Near_LoA	-10,4361811	0,032	0,300
CHR5	26158740	CHR5:26158740	SSF x Near_LoA	-10,3208573	0,107	0,287
CHR5	26158748	CHR5:26158748	SSF x Near_LoA	-9,73845103	0,092	0,304
CHR5	26158753	CHR5:26158753	SSF x Near_LoA	-7,92026792	0,161	0,303
CHR5	26158764	CHR5:26158764	SSF x Near_LoA	-9,86508546	0,108	0,303
CHR5	26158779	CHR5:26158779	SSF x Near_LoA	-8,83964808	0,013	0,312
CHR5	26168955	CHR5:26168955	SSF x Near_LoA	-9,1240184	-0,015	0,315
CHR5	26168956	CHR5:26168956	SSF x Near_LoA	-11,0875297	-0,035	0,308
CHR5	26168960	CHR5:26168960	SSF x Near_LoA	-6,4030443	-0,008	0,313
CHR5	26169309	CHR5:26169309	SSF x Near_LoA	-8,08436597	0,125	0,294
CHR5	26174424	CHR5:26174424	SSF x Near_LoA	-7,07741567	0,073	0,318
CHR5	26174488	CHR5:26174488	SSF x Near_LoA	-6,13730449	0,168	0,293
CHR5	26174573	CHR5:26174573	SSF x Near_LoA	-8,42749191	-0,021	0,315
CHR5	26174603	CHR5:26174603	SSF x Near_LoA	-9,12508508	0,076	0,303
CHR5	26178462	CHR5:26178462	SSF x Near_LoA	-7,1422256	0,073	0,299
CHR5	26178542	CHR5:26178542	SSF x Near_LoA	-11,2673924	-0,026	0,316
CHR5	26178602	CHR5:26178602	SSF x Near_LoA	-10,4866139	0,122	0,306
CHR5	26178610	CHR5:26178610	SSF x Near_LoA	-9,42153133	0,128	0,302
CHR5	26183766	CHR5:26183766	SSF x Near_LoA	-8,26085432	0,051	0,311
CHR5	26183780	CHR5:26183780	SSF x Near_LoA	-8,6744144	-0,089	0,313
CHR5	26183798	CHR5:26183798	SSF x Near_LoA	-9,24916352	0,025	0,316
CHR5	26183826	CHR5:26183826	SSF x Near_LoA	-7,94478018	-0,057	0,330

CHR5	26183917	CHR5:26183917	SSF x Near_LoA	-9,41872048	-0,009	0,314
CHR5	26183925	CHR5:26183925	SSF x Near_LoA	-8,71933258	-0,001	0,319
CHR5	26183940	CHR5:26183940	SSF x Near_LoA	-9,31700252	-0,020	0,316
CHR5	26202331	CHR5:26202331	SSF x Near_LoA	-9,14132868	-0,049	0,298
CHR5	26202346	CHR5:26202346	SSF x Near_LoA	-9,83485269	0,069	0,313
CHR5	26202465	CHR5:26202465	SSF x Near_LoA	-11,6568242	-0,088	0,312
CHR5	26218698	CHR5:26218698	SSF x Near_LoA	-8,9129168	-0,072	0,307
CHR5	26218763	CHR5:26218763	SSF x Near_LoA	-9,19109454	0,028	0,311
CHR5	26219747	CHR5:26219747	SSF x Near_LoA	-10,3076807	-0,007	0,303
CHR5	26219761	CHR5:26219761	SSF x Near_LoA	-8,32353924	0,015	0,314
CHR5	26219784	CHR5:26219784	SSF x Near_LoA	-7,21510886	-0,037	0,314
CHR5	26235202	CHR5:26235202	SSF x Near_LoA	-9,92257278	-0,005	0,304
CHR5	26235233	CHR5:26235233	SSF x Near_LoA	-10,2098182	0,045	0,307
CHR5	26235444	CHR5:26235444	SSF x Near_LoA	-9,93683032	-0,051	0,299
CHR5	26235469	CHR5:26235469	SSF x Near_LoA	-5,55467268	0,079	0,311
CHR5	26235500	CHR5:26235500	SSF x Near_LoA	8,91666517	0,145	0,315
CHR5	26249458	CHR5:26249458	SSF x Near_LoA	-8,13616391	-0,082	0,314
CHR5	26249506	CHR5:26249506	SSF x Near_LoA	-9,25193649	-0,008	0,315
CHR5	26249640	CHR5:26249640	SSF x Near_LoA	-6,90230356	-0,129	0,313
CHR5	26249686	CHR5:26249686	SSF x Near_LoA	-5,99405987	0,053	0,301
CHR5	26256867	CHR5:26256867	SSF x Near_LoA	-10,14748	-0,041	0,328
CHR5	26259721	CHR5:26259721	SSF x Near_LoA	-9,44853019	0,034	0,322
CHR5	26269664	CHR5:26269664	SSF x Near_LoA	-9,83750119	0,048	0,318
CHR5	26272557	CHR5:26272557	SSF x Near_LoA	-7,86093262	0,051	0,311
CHR5	26272580	CHR5:26272580	SSF x Near_LoA	-10,7183042	0,022	0,296
CHR5	26272591	CHR5:26272591	SSF x Near_LoA	-8,39627516	0,073	0,304
CHR5	26272596	CHR5:26272596	SSF x Near_LoA	-9,4645139	0,025	0,296
CHR5	26272622	CHR5:26272622	SSF x Near_LoA	-10,8216278	0,044	0,302
CHR5	26281192	CHR5:26281192	SSF x Near_LoA	-10,1984753	0,023	0,325
CHR5	26281229	CHR5:26281229	SSF x Near_LoA	-10,3761548	0,058	0,297
CHR5	26281385	CHR5:26281385	SSF x Near_LoA	-8,35067179	-0,029	0,311
CHR5	26287831	CHR5:26287831	SSF x Near_LoA	-10,9486053	0,010	0,302
CHR5	26287855	CHR5:26287855	SSF x Near_LoA	-9,17097457	-0,070	0,298
CHR5	26287857	CHR5:26287857	SSF x Near_LoA	-7,99780349	-0,076	0,296
CHR5	26290213	CHR5:26290213	SSF x Near_LoA	-9,4792339	0,047	0,305
CHR5	26290234	CHR5:26290234	SSF x Near_LoA	-8,98799368	-0,095	0,282
CHR5	26290256	CHR5:26290256	SSF x Near_LoA	-8,82340578	-0,115	0,294
CHR5	26290258	CHR5:26290258	SSF x Near_LoA	-11,3611555	-0,049	0,319
CHR5	26290323	CHR5:26290323	SSF x Near_LoA	-10,9316075	-0,070	0,304
CHR5	26290388	CHR5:26290388	SSF x Near_LoA	-8,94809323	-0,079	0,296
CHR5	26290430	CHR5:26290430	SSF x Near_LoA	-8,64067235	0,005	0,311
CHR5	26290472	CHR5:26290472	SSF x Near_LoA	-6,43438677	-0,145	0,299
CHR5	26292513	CHR5:26292513	SSF x Near_LoA	-8,06556453	-0,112	0,297
CHR5	26292572	CHR5:26292572	SSF x Near_LoA	-10,144193	-0,026	0,309
CHR5	2629349	CHR5:2629349	SSF x Near_LoA	-9,37005085	0,158	0,295
CHR5	2629398	CHR5:2629398	SSF x Near_LoA	-11,3104624	0,028	0,314
CHR5	2629460	CHR5:2629460	SSF x Near_LoA	-8,97738923	0,020	0,301
CHR5	26317448	CHR5:26317448	SSF x Near_LoA	-7,17601036	-0,090	0,317
CHR5	26317576	CHR5:26317576	SSF x Near_LoA	-9,89474887	-0,082	0,306
CHR5	26317617	CHR5:26317617	SSF x Near_LoA	-11,9045524	0,071	0,310
CHR5	26317667	CHR5:26317667	SSF x Near_LoA	-10,0440473	-0,087	0,313
CHR5	26320915	CHR5:26320915	SSF x Near_LoA	-8,60696328	-0,092	0,320
CHR5	26321132	CHR5:26321132	SSF x Near_LoA	-7,9167076	0,085	0,295

CHR5	2632567	CHR5:2632567	SSF x Near_LoA	-9,85102126	-0,001	0,315
CHR5	26332641	CHR5:26332641	SSF x Near_LoA	-9,75109165	0,056	0,299
CHR5	26340444	CHR5:26340444	SSF x Near_LoA	-10,0578936	0,061	0,309
CHR5	26340549	CHR5:26340549	SSF x Near_LoA	-8,57284823	-0,061	0,320
CHR5	26340554	CHR5:26340554	SSF x Near_LoA	-6,52285188	-0,083	0,307
CHR5	26340670	CHR5:26340670	SSF x Near_LoA	-7,23205847	-0,106	0,310
CHR5	2635821	CHR5:2635821	SSF x Near_LoA	-10,2157855	-0,028	0,301
CHR5	2636798	CHR5:2636798	SSF x Near_LoA	-11,8538682	-0,038	0,309
CHR5	2636827	CHR5:2636827	SSF x Near_LoA	-7,81202812	0,106	0,297
CHR5	26378775	CHR5:26378775	SSF x Near_LoA	-12,3364122	-0,005	0,301
CHR5	26378937	CHR5:26378937	SSF x Near_LoA	-9,67613088	0,046	0,297
CHR5	26381501	CHR5:26381501	SSF x Near_LoA	-11,4140777	0,034	0,308
CHR5	26381723	CHR5:26381723	SSF x Near_LoA	-9,99240364	0,080	0,315
CHR5	26382999	CHR5:26382999	SSF x Near_LoA	-6,87934571	0,179	0,295
CHR5	26385494	CHR5:26385494	SSF x Near_LoA	-9,09486243	0,067	0,292
CHR5	26403040	CHR5:26403040	SSF x Near_LoA	-9,30749817	-0,077	0,312
CHR5	26410262	CHR5:26410262	SSF x Near_LoA	-10,6213914	0,015	0,320
CHR5	26414494	CHR5:26414494	SSF x Near_LoA	-11,4823153	0,084	0,304
CHR5	26421241	CHR5:26421241	SSF x Near_LoA	-10,4390139	0,040	0,305
CHR5	26421328	CHR5:26421328	SSF x Near_LoA	-9,18619794	0,058	0,307
CHR5	26421340	CHR5:26421340	SSF x Near_LoA	-11,0926587	0,015	0,307
CHR5	26422846	CHR5:26422846	SSF x Near_LoA	-10,3807729	-0,012	0,314
CHR5	26426687	CHR5:26426687	SSF x Near_LoA	-10,1725031	-0,102	0,313
CHR5	26426704	CHR5:26426704	SSF x Near_LoA	-12,0516246	-0,089	0,300
CHR5	26426756	CHR5:26426756	SSF x Near_LoA	-10,7771697	-0,067	0,322
CHR5	26435185	CHR5:26435185	SSF x Near_LoA	-11,8007846	-0,045	0,304
CHR5	26435278	CHR5:26435278	SSF x Near_LoA	-6,28475074	0,023	0,309
CHR5	26435312	CHR5:26435312	SSF x Near_LoA	-8,8261483	0,021	0,302
CHR5	26435318	CHR5:26435318	SSF x Near_LoA	-6,52601176	-0,113	0,309
CHR5	26435322	CHR5:26435322	SSF x Near_LoA	-8,60221631	0,003	0,309
CHR5	26435381	CHR5:26435381	SSF x Near_LoA	-11,1355217	0,007	0,305
CHR5	26437824	CHR5:26437824	SSF x Near_LoA	-11,3744943	0,017	0,297
CHR5	26437844	CHR5:26437844	SSF x Near_LoA	-10,0477812	-0,004	0,301
CHR5	26437845	CHR5:26437845	SSF x Near_LoA	-8,1968358	-0,092	0,286
CHR5	26441551	CHR5:26441551	SSF x Near_LoA	-11,1600494	-0,072	0,309
CHR5	26441564	CHR5:26441564	SSF x Near_LoA	-9,12292499	-0,087	0,303
CHR5	26441566	CHR5:26441566	SSF x Near_LoA	-9,83634658	-0,090	0,293
CHR5	26441739	CHR5:26441739	SSF x Near_LoA	-9,68334726	0,046	0,307
CHR5	2644530	CHR5:2644530	SSF x Near_LoA	-9,69720804	0,043	0,303
CHR5	2644542	CHR5:2644542	SSF x Near_LoA	-9,60432549	-0,025	0,297
CHR5	2646283	CHR5:2646283	SSF x Near_LoA	-11,0142893	-0,013	0,301
CHR5	26472015	CHR5:26472015	SSF x Near_LoA	-10,5720448	-0,004	0,326
CHR5	26472105	CHR5:26472105	SSF x Near_LoA	-12,1568368	-0,039	0,301
CHR5	26472130	CHR5:26472130	SSF x Near_LoA	-6,40940541	0,146	0,298
CHR5	26472149	CHR5:26472149	SSF x Near_LoA	-11,5084567	0,056	0,303
CHR5	26472223	CHR5:26472223	SSF x Near_LoA	-9,35677328	-0,035	0,304
CHR5	26486472	CHR5:26486472	SSF x Near_LoA	-11,3348516	-0,063	0,320
CHR5	26489011	CHR5:26489011	SSF x Near_LoA	-9,0723406	0,023	0,307
CHR5	26489095	CHR5:26489095	SSF x Near_LoA	-8,69753654	0,006	0,313
CHR5	26492315	CHR5:26492315	SSF x Near_LoA	-10,1112282	-0,104	0,314
CHR5	26492324	CHR5:26492324	SSF x Near_LoA	-8,87023263	0,013	0,316
CHR5	26492352	CHR5:26492352	SSF x Near_LoA	-8,80826622	-0,110	0,320
CHR5	26492458	CHR5:26492458	SSF x Near_LoA	-4,61154385	-0,017	0,325

CHR5	26502523	CHR5:26502523	SSF x Near_LoA	-5,58664767	0,182	0,293
CHR5	26512166	CHR5:26512166	SSF x Near_LoA	-7,69903258	0,035	0,317
CHR5	26512206	CHR5:26512206	SSF x Near_LoA	-7,55072592	0,054	0,306
CHR5	26512215	CHR5:26512215	SSF x Near_LoA	-7,36743064	0,122	0,306
CHR5	26512216	CHR5:26512216	SSF x Near_LoA	4,8394568	-0,023	0,302
CHR5	26522172	CHR5:26522172	SSF x Near_LoA	-10,880536	-0,085	0,306
CHR5	26525134	CHR5:26525134	SSF x Near_LoA	-7,76249703	0,098	0,304
CHR5	26530138	CHR5:26530138	SSF x Near_LoA	-11,9254741	0,037	0,300
CHR5	26530150	CHR5:26530150	SSF x Near_LoA	-4,72682534	0,019	0,306
CHR5	26530168	CHR5:26530168	SSF x Near_LoA	-11,0993614	-0,049	0,304
CHR5	26533869	CHR5:26533869	SSF x Near_LoA	-7,4331716	0,060	0,329
CHR5	26533918	CHR5:26533918	SSF x Near_LoA	-11,4680778	-0,013	0,308
CHR5	26533936	CHR5:26533936	SSF x Near_LoA	-11,501145	0,013	0,303
CHR5	26533991	CHR5:26533991	SSF x Near_LoA	-11,997721	0,011	0,306
CHR5	26545436	CHR5:26545436	SSF x Near_LoA	-7,18385575	0,153	0,298
CHR5	26545461	CHR5:26545461	SSF x Near_LoA	-6,72026774	0,159	0,276
CHR5	26545532	CHR5:26545532	SSF x Near_LoA	-11,417381	0,047	0,308
CHR5	26549759	CHR5:26549759	SSF x Near_LoA	-9,44204323	0,018	0,323
CHR5	26549852	CHR5:26549852	SSF x Near_LoA	-9,52672313	-0,043	0,323
CHR5	26549918	CHR5:26549918	SSF x Near_LoA	-10,1481104	0,002	0,304
CHR5	26558217	CHR5:26558217	SSF x Near_LoA	-5,97081513	-0,214	0,308
CHR5	26559019	CHR5:26559019	SSF x Near_LoA	-10,5827582	-0,004	0,313
CHR5	26559228	CHR5:26559228	SSF x Near_LoA	-9,24818479	0,040	0,306
CHR5	26559229	CHR5:26559229	SSF x Near_LoA	-11,1550557	0,057	0,307
CHR5	26559233	CHR5:26559233	SSF x Near_LoA	-8,2634466	-0,038	0,305
CHR5	2656155	CHR5:2656155	SSF x Near_LoA	-5,66311289	0,095	0,309
CHR5	2656261	CHR5:2656261	SSF x Near_LoA	-9,01176737	-0,018	0,297
CHR5	26574348	CHR5:26574348	SSF x Near_LoA	-8,21204767	-0,128	0,296
CHR5	26574378	CHR5:26574378	SSF x Near_LoA	-10,2678504	0,027	0,320
CHR5	26585754	CHR5:26585754	SSF x Near_LoA	-9,55875576	-0,087	0,308
CHR5	26594901	CHR5:26594901	SSF x Near_LoA	-10,1606106	0,033	0,316
CHR5	26595009	CHR5:26595009	SSF x Near_LoA	-9,01173053	0,028	0,293
CHR5	26595077	CHR5:26595077	SSF x Near_LoA	-10,2971497	-0,049	0,309
CHR5	26595084	CHR5:26595084	SSF x Near_LoA	-8,84926382	0,044	0,300
CHR5	26605365	CHR5:26605365	SSF x Near_LoA	-7,8604783	0,065	0,316
CHR5	26605423	CHR5:26605423	SSF x Near_LoA	-10,5651675	-0,082	0,311
CHR5	26617131	CHR5:26617131	SSF x Near_LoA	-11,2235658	-0,027	0,306
CHR5	26617862	CHR5:26617862	SSF x Near_LoA	-10,7133053	-0,055	0,313
CHR5	26642136	CHR5:26642136	SSF x Near_LoA	-9,14664311	0,026	0,301
CHR5	26649058	CHR5:26649058	SSF x Near_LoA	-7,51519456	0,090	0,318
CHR5	26649086	CHR5:26649086	SSF x Near_LoA	-7,1031647	-0,087	0,313
CHR5	26649110	CHR5:26649110	SSF x Near_LoA	-10,8630274	-0,007	0,302
CHR5	26651045	CHR5:26651045	SSF x Near_LoA	-6,24577194	-0,073	0,303
CHR5	26651995	CHR5:26651995	SSF x Near_LoA	-10,9587833	-0,086	0,318
CHR5	26652025	CHR5:26652025	SSF x Near_LoA	-8,6973669	-0,007	0,307
CHR5	26652029	CHR5:26652029	SSF x Near_LoA	-9,57479094	-0,002	0,308
CHR5	26652072	CHR5:26652072	SSF x Near_LoA	-9,28791983	0,004	0,312
CHR5	26652156	CHR5:26652156	SSF x Near_LoA	-8,38464346	0,055	0,303
CHR5	26652201	CHR5:26652201	SSF x Near_LoA	-0,9685063	0,003	0,305
CHR5	26677975	CHR5:26677975	SSF x Near_LoA	-7,29238653	0,046	0,290
CHR5	26684579	CHR5:26684579	SSF x Near_LoA	-9,22238056	0,097	0,301
CHR5	26689644	CHR5:26689644	SSF x Near_LoA	-11,5543248	-0,030	0,319
CHR5	26689666	CHR5:26689666	SSF x Near_LoA	-8,43309104	-0,013	0,321

CHR5	26689672	CHR5:26689672	SSF x Near_LoA	-9,03952359	-0,020	0,290
CHR5	26689700	CHR5:26689700	SSF x Near_LoA	-8,73103478	0,047	0,307
CHR5	26689714	CHR5:26689714	SSF x Near_LoA	-9,48503976	-0,124	0,300
CHR5	26693200	CHR5:26693200	SSF x Near_LoA	-10,5087893	0,016	0,305
CHR5	26693201	CHR5:26693201	SSF x Near_LoA	-10,6622616	0,003	0,323
CHR5	26693223	CHR5:26693223	SSF x Near_LoA	-10,6061344	-0,033	0,307
CHR5	26693424	CHR5:26693424	SSF x Near_LoA	-10,8934624	0,069	0,303
CHR5	26694700	CHR5:26694700	SSF x Near_LoA	-9,89764082	0,015	0,304
CHR5	26704962	CHR5:26704962	SSF x Near_LoA	-8,13425978	-0,136	0,294
CHR5	26704986	CHR5:26704986	SSF x Near_LoA	-8,71301057	-0,004	0,310
CHR5	26704999	CHR5:26704999	SSF x Near_LoA	-8,23114385	-0,180	0,306
CHR5	26713530	CHR5:26713530	SSF x Near_LoA	-10,0091233	0,037	0,297
CHR5	26713608	CHR5:26713608	SSF x Near_LoA	-5,61057133	-0,031	0,311
CHR5	26713609	CHR5:26713609	SSF x Near_LoA	-8,35811281	-0,049	0,311
CHR5	26713627	CHR5:26713627	SSF x Near_LoA	-9,30018601	-0,083	0,297
CHR5	26713650	CHR5:26713650	SSF x Near_LoA	-8,39045157	-0,018	0,306
CHR5	26713664	CHR5:26713664	SSF x Near_LoA	-6,71980347	-0,093	0,296
CHR5	2671369	CHR5:2671369	SSF x Near_LoA	-11,7839892	0,009	0,314
CHR5	26713743	CHR5:26713743	SSF x Near_LoA	-4,05789473	-0,075	0,304
CHR5	2671387	CHR5:2671387	SSF x Near_LoA	-8,93482096	0,069	0,307
CHR5	2671415	CHR5:2671415	SSF x Near_LoA	-9,80165427	0,054	0,315
CHR5	2671540	CHR5:2671540	SSF x Near_LoA	-9,64377699	0,135	0,305
CHR5	2671555	CHR5:2671555	SSF x Near_LoA	-4,38624327	0,005	0,311
CHR5	2671594	CHR5:2671594	SSF x Near_LoA	-9,12423821	-0,069	0,296
CHR5	2671610	CHR5:2671610	SSF x Near_LoA	-8,18357074	0,132	0,302
CHR5	26720387	CHR5:26720387	SSF x Near_LoA	-8,61509038	0,042	0,322
CHR5	26720445	CHR5:26720445	SSF x Near_LoA	-10,5180525	0,014	0,311
CHR5	26736412	CHR5:26736412	SSF x Near_LoA	-8,30862129	-0,129	0,301
CHR5	26736423	CHR5:26736423	SSF x Near_LoA	-10,7858084	0,065	0,309
CHR5	26741527	CHR5:26741527	SSF x Near_LoA	-7,95035355	-0,007	0,312
CHR5	26741549	CHR5:26741549	SSF x Near_LoA	-7,79162293	-0,015	0,301
CHR5	26741550	CHR5:26741550	SSF x Near_LoA	-8,33857322	-0,007	0,297
CHR5	26741977	CHR5:26741977	SSF x Near_LoA	-9,86206355	0,026	0,304
CHR5	26758788	CHR5:26758788	SSF x Near_LoA	-6,53283351	-0,144	0,308
CHR5	26758886	CHR5:26758886	SSF x Near_LoA	-9,71153806	-0,029	0,318
CHR5	26758985	CHR5:26758985	SSF x Near_LoA	-11,2320216	0,032	0,305
CHR5	26760559	CHR5:26760559	SSF x Near_LoA	-10,0484216	-0,041	0,303
CHR5	26761253	CHR5:26761253	SSF x Near_LoA	-8,2110053	0,119	0,305
CHR5	26762937	CHR5:26762937	SSF x Near_LoA	-8,28793248	-0,040	0,319
CHR5	26762967	CHR5:26762967	SSF x Near_LoA	-8,33941808	0,006	0,297
CHR5	26763042	CHR5:26763042	SSF x Near_LoA	-10,1890456	-0,080	0,311
CHR5	26763205	CHR5:26763205	SSF x Near_LoA	-6,98281571	0,047	0,322
CHR5	26765364	CHR5:26765364	SSF x Near_LoA	-10,8109055	-0,080	0,295
CHR5	26765543	CHR5:26765543	SSF x Near_LoA	-8,49158463	-0,049	0,323
CHR5	26765547	CHR5:26765547	SSF x Near_LoA	-7,21139593	-0,063	0,317
CHR5	26765551	CHR5:26765551	SSF x Near_LoA	-8,39444373	-0,033	0,305
CHR5	2676984	CHR5:2676984	SSF x Near_LoA	-5,31843532	-0,090	0,303
CHR5	2677062	CHR5:2677062	SSF x Near_LoA	-9,59066994	-0,021	0,292
CHR5	26776743	CHR5:26776743	SSF x Near_LoA	-7,00856872	0,105	0,312
CHR5	26776837	CHR5:26776837	SSF x Near_LoA	-11,0850726	-0,020	0,288
CHR5	26776887	CHR5:26776887	SSF x Near_LoA	-6,85769963	0,117	0,314
CHR5	26776888	CHR5:26776888	SSF x Near_LoA	-6,46386436	0,146	0,301
CHR5	26780082	CHR5:26780082	SSF x Near_LoA	-10,8123933	-0,006	0,303

CHR5	26780594	CHR5:26780594	SSF x Near_LoA	-10,5882366	-0,068	0,300
CHR5	26782666	CHR5:26782666	SSF x Near_LoA	-10,271007	0,110	0,301
CHR5	26782673	CHR5:26782673	SSF x Near_LoA	-8,38077468	0,137	0,300
CHR5	26796749	CHR5:26796749	SSF x Near_LoA	-9,17175966	-0,060	0,302
CHR5	26796752	CHR5:26796752	SSF x Near_LoA	-10,0111939	0,070	0,302
CHR5	26796821	CHR5:26796821	SSF x Near_LoA	-10,7696367	0,035	0,307
CHR5	26797821	CHR5:26797821	SSF x Near_LoA	-9,29895964	0,122	0,315
CHR5	26813186	CHR5:26813186	SSF x Near_LoA	-6,71138526	-0,185	0,297
CHR5	26813212	CHR5:26813212	SSF x Near_LoA	-8,6577005	-0,060	0,306
CHR5	26819896	CHR5:26819896	SSF x Near_LoA	-10,1394756	-0,016	0,309
CHR5	26819957	CHR5:26819957	SSF x Near_LoA	-9,20009923	-0,066	0,320
CHR5	26820075	CHR5:26820075	SSF x Near_LoA	-9,50072863	0,027	0,318
CHR5	26832365	CHR5:26832365	SSF x Near_LoA	-5,26503651	-0,100	0,304
CHR5	26832376	CHR5:26832376	SSF x Near_LoA	-5,57500048	0,062	0,323
CHR5	26832394	CHR5:26832394	SSF x Near_LoA	-10,1021066	-0,069	0,299
CHR5	26832483	CHR5:26832483	SSF x Near_LoA	-9,61366874	0,121	0,305
CHR5	26832488	CHR5:26832488	SSF x Near_LoA	-8,75322172	0,137	0,300
CHR5	26832501	CHR5:26832501	SSF x Near_LoA	-11,7688415	0,053	0,302
CHR5	26837407	CHR5:26837407	SSF x Near_LoA	-7,07147843	0,083	0,310
CHR5	26837474	CHR5:26837474	SSF x Near_LoA	-9,45490168	0,145	0,291
CHR5	26837563	CHR5:26837563	SSF x Near_LoA	-11,3748929	-0,007	0,304
CHR5	26843251	CHR5:26843251	SSF x Near_LoA	-7,55449372	-0,089	0,311
CHR5	26843423	CHR5:26843423	SSF x Near_LoA	-11,8288875	-0,051	0,304
CHR5	26843531	CHR5:26843531	SSF x Near_LoA	-9,0778447	-0,023	0,306
CHR5	26848401	CHR5:26848401	SSF x Near_LoA	-3,64573066	0,033	0,312
CHR5	26848556	CHR5:26848556	SSF x Near_LoA	-11,3018472	-0,016	0,309
CHR5	26849731	CHR5:26849731	SSF x Near_LoA	-5,40592838	0,108	0,315
CHR5	26849874	CHR5:26849874	SSF x Near_LoA	-5,95972791	0,070	0,318
CHR5	26870309	CHR5:26870309	SSF x Near_LoA	-9,26646848	-0,068	0,309
CHR5	26870322	CHR5:26870322	SSF x Near_LoA	-11,3933966	0,073	0,316
CHR5	26870328	CHR5:26870328	SSF x Near_LoA	-11,2132562	0,016	0,314
CHR5	26883622	CHR5:26883622	SSF x Near_LoA	-6,99173259	-0,191	0,296
CHR5	26898257	CHR5:26898257	SSF x Near_LoA	-10,555136	0,060	0,310
CHR5	26898272	CHR5:26898272	SSF x Near_LoA	-9,45912028	0,130	0,302
CHR5	26902819	CHR5:26902819	SSF x Near_LoA	-9,12027549	-0,079	0,303
CHR5	26902843	CHR5:26902843	SSF x Near_LoA	-8,54414204	-0,035	0,321
CHR5	26902928	CHR5:26902928	SSF x Near_LoA	-8,10826107	0,057	0,304
CHR5	26902935	CHR5:26902935	SSF x Near_LoA	-7,65489614	0,094	0,324
CHR5	26902963	CHR5:26902963	SSF x Near_LoA	-7,02408056	-0,050	0,311
CHR5	26914988	CHR5:26914988	SSF x Near_LoA	-8,88128642	0,064	0,323
CHR5	26922014	CHR5:26922014	SSF x Near_LoA	-8,82660704	0,016	0,314
CHR5	26922145	CHR5:26922145	SSF x Near_LoA	-7,48714538	-0,075	0,306
CHR5	26926518	CHR5:26926518	SSF x Near_LoA	-10,5037579	-0,028	0,297
CHR5	26926521	CHR5:26926521	SSF x Near_LoA	-11,3315673	0,046	0,299
CHR5	26926531	CHR5:26926531	SSF x Near_LoA	-10,2009377	0,004	0,300
CHR5	26926535	CHR5:26926535	SSF x Near_LoA	-10,3932059	0,045	0,306
CHR5	26926558	CHR5:26926558	SSF x Near_LoA	-10,0756897	0,140	0,299
CHR5	26926632	CHR5:26926632	SSF x Near_LoA	-7,99113915	-0,001	0,300
CHR5	26927139	CHR5:26927139	SSF x Near_LoA	-8,7114426	0,137	0,308
CHR5	26927164	CHR5:26927164	SSF x Near_LoA	-10,0957757	0,075	0,307
CHR5	26937614	CHR5:26937614	SSF x Near_LoA	-11,1318341	-0,064	0,319
CHR5	26937831	CHR5:26937831	SSF x Near_LoA	-5,24361999	0,195	0,299
CHR5	26937896	CHR5:26937896	SSF x Near_LoA	-9,12801145	0,058	0,306

CHR5	26937922	CHR5:26937922	SSF x Near_LoA	-9,74739635	0,087	0,306
CHR5	26937942	CHR5:26937942	SSF x Near_LoA	-11,1421998	0,047	0,306
CHR5	26966704	CHR5:26966704	SSF x Near_LoA	-8,95210948	-0,018	0,316
CHR5	26973106	CHR5:26973106	SSF x Near_LoA	-10,8840592	-0,032	0,315
CHR5	26976241	CHR5:26976241	SSF x Near_LoA	-9,78976251	0,082	0,316
CHR5	26976439	CHR5:26976439	SSF x Near_LoA	-7,18416609	-0,135	0,298
CHR5	26980856	CHR5:26980856	SSF x Near_LoA	-8,21705092	-0,048	0,302
CHR5	26980878	CHR5:26980878	SSF x Near_LoA	-6,9417789	-0,123	0,298
CHR5	26983803	CHR5:26983803	SSF x Near_LoA	-8,5685284	0,026	0,315
CHR5	26986616	CHR5:26986616	SSF x Near_LoA	-10,6769874	0,051	0,308
CHR5	26986668	CHR5:26986668	SSF x Near_LoA	-12,167596	-0,023	0,308
CHR5	26991988	CHR5:26991988	SSF x Near_LoA	-3,6026535	0,100	0,313
CHR5	27009172	CHR5:27009172	SSF x Near_LoA	-11,3582381	-0,099	0,309
CHR5	27009183	CHR5:27009183	SSF x Near_LoA	-10,7509527	0,049	0,306
CHR5	27012809	CHR5:27012809	SSF x Near_LoA	-5,09295774	-0,128	0,294
CHR5	27021384	CHR5:27021384	SSF x Near_LoA	-8,5662923	0,095	0,301
CHR5	27021534	CHR5:27021534	SSF x Near_LoA	-10,9426705	0,039	0,326
CHR5	27032753	CHR5:27032753	SSF x Near_LoA	-4,89141246	0,073	0,313
CHR5	27032761	CHR5:27032761	SSF x Near_LoA	-9,95057675	0,033	0,303
CHR5	27032845	CHR5:27032845	SSF x Near_LoA	-10,4315487	-0,008	0,311
CHR5	27032982	CHR5:27032982	SSF x Near_LoA	-10,2560047	0,079	0,314
CHR5	27043673	CHR5:27043673	SSF x Near_LoA	-9,20864305	-0,079	0,297
CHR5	27043714	CHR5:27043714	SSF x Near_LoA	-8,94690284	0,038	0,311
CHR5	27043725	CHR5:27043725	SSF x Near_LoA	-9,37552118	-0,013	0,306
CHR5	27050556	CHR5:27050556	SSF x Near_LoA	-9,65766783	-0,006	0,311
CHR5	27050731	CHR5:27050731	SSF x Near_LoA	-9,65762274	-0,081	0,304
CHR5	27050880	CHR5:27050880	SSF x Near_LoA	-9,86158189	-0,080	0,292
CHR5	27053115	CHR5:27053115	SSF x Near_LoA	-11,4270336	-0,006	0,315
CHR5	27053118	CHR5:27053118	SSF x Near_LoA	-9,43350644	-0,074	0,320
CHR5	27053186	CHR5:27053186	SSF x Near_LoA	-9,51765581	-0,025	0,303
CHR5	27075777	CHR5:27075777	SSF x Near_LoA	-10,2646528	0,041	0,299
CHR5	2709350	CHR5:2709350	SSF x Near_LoA	-9,43908772	0,017	0,312
CHR5	27096381	CHR5:27096381	SSF x Near_LoA	-7,03371402	0,105	0,293
CHR5	27101645	CHR5:27101645	SSF x Near_LoA	-6,09165475	-0,162	0,298
CHR5	27101857	CHR5:27101857	SSF x Near_LoA	-2,38351743	0,113	0,301
CHR5	27101863	CHR5:27101863	SSF x Near_LoA	-8,89938233	0,124	0,290
CHR5	27107152	CHR5:27107152	SSF x Near_LoA	-6,8679914	-0,010	0,283
CHR5	27107161	CHR5:27107161	SSF x Near_LoA	-11,1608994	-0,056	0,308
CHR5	27107166	CHR5:27107166	SSF x Near_LoA	-11,3931011	-0,005	0,307
CHR5	27108781	CHR5:27108781	SSF x Near_LoA	-6,37414852	-0,052	0,306
CHR5	27108803	CHR5:27108803	SSF x Near_LoA	-3,97185565	-0,043	0,304
CHR5	27108812	CHR5:27108812	SSF x Near_LoA	-10,6025045	0,046	0,313
CHR5	27108869	CHR5:27108869	SSF x Near_LoA	-7,91893801	0,054	0,313
CHR5	27114189	CHR5:27114189	SSF x Near_LoA	-8,14075717	0,125	0,301
CHR5	27114199	CHR5:27114199	SSF x Near_LoA	-8,99350712	0,012	0,311
CHR5	27116306	CHR5:27116306	SSF x Near_LoA	-5,71007169	-0,193	0,310
CHR5	27116571	CHR5:27116571	SSF x Near_LoA	-9,92541408	0,067	0,308
CHR5	27119535	CHR5:27119535	SSF x Near_LoA	-10,406716	-0,086	0,304
CHR5	27129976	CHR5:27129976	SSF x Near_LoA	-10,9143149	0,113	0,306
CHR5	27130082	CHR5:27130082	SSF x Near_LoA	-12,395446	-0,005	0,300
CHR5	27130201	CHR5:27130201	SSF x Near_LoA	-8,01038592	0,085	0,301
CHR5	27130276	CHR5:27130276	SSF x Near_LoA	-9,95713809	0,047	0,308
CHR5	27132428	CHR5:27132428	SSF x Near_LoA	-8,49205979	0,179	0,287

CHR5	27135595	CHR5:27135595	SSF x Near_LoA	-9,79078695	-0,089	0,303
CHR5	27135612	CHR5:27135612	SSF x Near_LoA	-8,70740371	0,002	0,292
CHR5	27135613	CHR5:27135613	SSF x Near_LoA	-7,17040518	-0,056	0,309
CHR5	27135614	CHR5:27135614	SSF x Near_LoA	-8,87042096	0,002	0,300
CHR5	27136134	CHR5:27136134	SSF x Near_LoA	-9,78031522	-0,177	0,299
CHR5	27136135	CHR5:27136135	SSF x Near_LoA	-8,46203908	-0,142	0,306
CHR5	27136136	CHR5:27136136	SSF x Near_LoA	-5,487466	-0,126	0,305
CHR5	27163523	CHR5:27163523	SSF x Near_LoA	-10,6050306	0,050	0,307
CHR5	27163574	CHR5:27163574	SSF x Near_LoA	-10,8622873	0,110	0,303
CHR5	27163593	CHR5:27163593	SSF x Near_LoA	-0,64672353	-0,165	0,305
CHR5	27165578	CHR5:27165578	SSF x Near_LoA	-9,14421586	0,023	0,316
CHR5	27168093	CHR5:27168093	SSF x Near_LoA	-8,55921809	0,084	0,301
CHR5	27180474	CHR5:27180474	SSF x Near_LoA	-8,09476928	-0,063	0,307
CHR5	27180613	CHR5:27180613	SSF x Near_LoA	-8,67833399	-0,009	0,318
CHR5	27180617	CHR5:27180617	SSF x Near_LoA	-9,00356264	-0,003	0,313
CHR5	27182380	CHR5:27182380	SSF x Near_LoA	-6,77009247	-0,013	0,326
CHR5	27187878	CHR5:27187878	SSF x Near_LoA	-8,26302212	0,146	0,310
CHR5	27187891	CHR5:27187891	SSF x Near_LoA	-8,54340244	-0,104	0,291
CHR5	27187898	CHR5:27187898	SSF x Near_LoA	-1,89898558	-0,116	0,302
CHR5	27187922	CHR5:27187922	SSF x Near_LoA	-8,510392	-0,034	0,303
CHR5	27190725	CHR5:27190725	SSF x Near_LoA	-6,68240801	0,089	0,314
CHR5	27209112	CHR5:27209112	SSF x Near_LoA	-11,1147664	0,082	0,312
CHR5	27209151	CHR5:27209151	SSF x Near_LoA	-9,58835433	-0,032	0,325
CHR5	27209197	CHR5:27209197	SSF x Near_LoA	-7,84550244	0,119	0,302
CHR5	27209201	CHR5:27209201	SSF x Near_LoA	-9,85618238	-0,036	0,313
CHR5	27213153	CHR5:27213153	SSF x Near_LoA	-8,11196639	0,086	0,309
CHR5	27214459	CHR5:27214459	SSF x Near_LoA	-7,18293256	-0,052	0,325
CHR5	27217865	CHR5:27217865	SSF x Near_LoA	-8,42628786	0,036	0,320
CHR5	27217882	CHR5:27217882	SSF x Near_LoA	-9,27013785	-0,006	0,315
CHR5	27217906	CHR5:27217906	SSF x Near_LoA	-6,55079871	0,073	0,304
CHR5	27218023	CHR5:27218023	SSF x Near_LoA	-8,92485996	0,062	0,296
CHR5	27218044	CHR5:27218044	SSF x Near_LoA	-8,05472287	-0,083	0,310
CHR5	27218108	CHR5:27218108	SSF x Near_LoA	-10,134849	-0,058	0,312
CHR5	27223071	CHR5:27223071	SSF x Near_LoA	-10,1032178	-0,016	0,310
CHR5	27223106	CHR5:27223106	SSF x Near_LoA	-8,12493895	-0,128	0,313
CHR5	27223126	CHR5:27223126	SSF x Near_LoA	-11,3443329	-0,034	0,305
CHR5	27223152	CHR5:27223152	SSF x Near_LoA	-10,1729548	0,065	0,308
CHR5	27225907	CHR5:27225907	SSF x Near_LoA	-8,80720558	0,072	0,303
CHR5	27225921	CHR5:27225921	SSF x Near_LoA	-5,45213047	0,039	0,314
CHR5	27225923	CHR5:27225923	SSF x Near_LoA	-10,0530328	0,050	0,306
CHR5	27225943	CHR5:27225943	SSF x Near_LoA	-7,59994516	-0,100	0,292
CHR5	27225953	CHR5:27225953	SSF x Near_LoA	-9,88892499	-0,054	0,309
CHR5	27237408	CHR5:27237408	SSF x Near_LoA	-9,86662665	-0,074	0,302
CHR5	27254917	CHR5:27254917	SSF x Near_LoA	-8,51550149	0,004	0,303
CHR5	27254945	CHR5:27254945	SSF x Near_LoA	-8,72504881	-0,122	0,302
CHR5	27255016	CHR5:27255016	SSF x Near_LoA	-11,5730031	-0,008	0,309
CHR5	27255049	CHR5:27255049	SSF x Near_LoA	-11,684263	0,059	0,312
CHR5	27259339	CHR5:27259339	SSF x Near_LoA	-11,0962208	-0,021	0,302
CHR5	27283457	CHR5:27283457	SSF x Near_LoA	-7,01833655	-0,081	0,309
CHR5	27285748	CHR5:27285748	SSF x Near_LoA	-8,79706279	-0,076	0,319
CHR5	27298869	CHR5:27298869	SSF x Near_LoA	-10,6309678	-0,014	0,314
CHR5	27298895	CHR5:27298895	SSF x Near_LoA	-7,75758885	-0,119	0,301
CHR5	27304272	CHR5:27304272	SSF x Near_LoA	-9,01709838	0,143	0,295

CHR5	27304310	CHR5:27304310	SSF x Near_LoA	-5,58140897	-0,033	0,320
CHR5	27306951	CHR5:27306951	SSF x Near_LoA	-10,9790386	-0,045	0,310
CHR5	27307032	CHR5:27307032	SSF x Near_LoA	-8,29310938	-0,035	0,321
CHR5	27307146	CHR5:27307146	SSF x Near_LoA	-6,27449441	-0,095	0,309
CHR5	27317038	CHR5:27317038	SSF x Near_LoA	-10,9118213	-0,075	0,312
CHR5	2732785	CHR5:2732785	SSF x Near_LoA	-7,4587354	0,049	0,322
CHR5	27331549	CHR5:27331549	SSF x Near_LoA	-10,4850365	-0,035	0,317
CHR5	2753030	CHR5:2753030	SSF x Near_LoA	-7,44864461	-0,090	0,307
CHR5	2754249	CHR5:2754249	SSF x Near_LoA	-8,31945466	0,022	0,313
CHR5	27556505	CHR5:27556505	SSF x Near_LoA	-10,3989374	0,033	0,299
CHR5	27562390	CHR5:27562390	SSF x Near_LoA	-7,87620655	0,085	0,303
CHR5	27562528	CHR5:27562528	SSF x Near_LoA	-9,2522338	0,020	0,306
CHR5	27570694	CHR5:27570694	SSF x Near_LoA	-8,5276666	0,121	0,302
CHR5	27572394	CHR5:27572394	SSF x Near_LoA	-8,36662789	-0,172	0,309
CHR5	27572610	CHR5:27572610	SSF x Near_LoA	-9,43476941	0,087	0,307
CHR5	2758211	CHR5:2758211	SSF x Near_LoA	-6,00821722	0,084	0,303
CHR5	2758363	CHR5:2758363	SSF x Near_LoA	-7,36809503	0,110	0,299
CHR5	27587943	CHR5:27587943	SSF x Near_LoA	-9,12793123	0,053	0,296
CHR5	27594240	CHR5:27594240	SSF x Near_LoA	-6,71666631	-0,031	0,324
CHR5	27594297	CHR5:27594297	SSF x Near_LoA	-8,97942005	-0,004	0,298
CHR5	27595456	CHR5:27595456	SSF x Near_LoA	-10,0255575	-0,012	0,301
CHR5	27596314	CHR5:27596314	SSF x Near_LoA	-9,80833761	-0,031	0,313
CHR5	27596345	CHR5:27596345	SSF x Near_LoA	-9,36646512	-0,028	0,314
CHR5	27596478	CHR5:27596478	SSF x Near_LoA	-9,5326212	0,110	0,306
CHR5	2760226	CHR5:2760226	SSF x Near_LoA	-8,85746697	0,008	0,320
CHR5	27603706	CHR5:27603706	SSF x Near_LoA	-10,9394486	-0,093	0,315
CHR5	27603796	CHR5:27603796	SSF x Near_LoA	-9,61708507	-0,048	0,325
CHR5	27603933	CHR5:27603933	SSF x Near_LoA	-8,19477913	-0,018	0,314
CHR5	27603956	CHR5:27603956	SSF x Near_LoA	-8,42058478	0,063	0,297
CHR5	27607299	CHR5:27607299	SSF x Near_LoA	-9,38853596	0,077	0,297
CHR5	27607305	CHR5:27607305	SSF x Near_LoA	-8,65979948	0,060	0,311
CHR5	27609535	CHR5:27609535	SSF x Near_LoA	-7,96522013	0,059	0,298
CHR5	27609651	CHR5:27609651	SSF x Near_LoA	-11,1001637	0,034	0,302
CHR5	27609689	CHR5:27609689	SSF x Near_LoA	-6,25915183	-0,071	0,315
CHR5	27614456	CHR5:27614456	SSF x Near_LoA	-11,1971926	0,007	0,317
CHR5	27635038	CHR5:27635038	SSF x Near_LoA	-12,0289465	0,033	0,302
CHR5	27635156	CHR5:27635156	SSF x Near_LoA	-8,40689668	-0,113	0,310
CHR5	27636563	CHR5:27636563	SSF x Near_LoA	-10,3567058	-0,080	0,300
CHR5	27638853	CHR5:27638853	SSF x Near_LoA	-8,7231853	0,016	0,315
CHR5	27638904	CHR5:27638904	SSF x Near_LoA	-7,05538324	-0,107	0,314
CHR5	27638977	CHR5:27638977	SSF x Near_LoA	-10,806577	-0,031	0,314
CHR5	27638985	CHR5:27638985	SSF x Near_LoA	-6,38572215	-0,140	0,321
CHR5	27638987	CHR5:27638987	SSF x Near_LoA	-0,02878108	0,229	0,313
CHR5	27647040	CHR5:27647040	SSF x Near_LoA	-8,31663754	-0,060	0,298
CHR5	27648184	CHR5:27648184	SSF x Near_LoA	-9,75497711	-0,073	0,316
CHR5	27648206	CHR5:27648206	SSF x Near_LoA	-10,1688444	-0,114	0,314
CHR5	27648213	CHR5:27648213	SSF x Near_LoA	-10,2215328	-0,090	0,302
CHR5	27648307	CHR5:27648307	SSF x Near_LoA	-10,3480392	-0,085	0,310
CHR5	27648318	CHR5:27648318	SSF x Near_LoA	-10,4759022	0,052	0,321
CHR5	27663034	CHR5:27663034	SSF x Near_LoA	-12,0210131	0,056	0,292
CHR5	27663135	CHR5:27663135	SSF x Near_LoA	-8,3683864	0,162	0,311
CHR5	27663209	CHR5:27663209	SSF x Near_LoA	-9,05789871	-0,123	0,295
CHR5	2769385	CHR5:2769385	SSF x Near_LoA	-7,71885075	-0,043	0,311

CHR5	27701802	CHR5:27701802	SSF x Near_LoA	-11,1176398	0,020	0,312
CHR5	27702878	CHR5:27702878	SSF x Near_LoA	-9,05379739	0,006	0,305
CHR5	27703009	CHR5:27703009	SSF x Near_LoA	-7,81716642	0,086	0,309
CHR5	27704750	CHR5:27704750	SSF x Near_LoA	-1,96140144	0,058	0,321
CHR5	27704777	CHR5:27704777	SSF x Near_LoA	-10,1665328	0,003	0,306
CHR5	27704847	CHR5:27704847	SSF x Near_LoA	-8,80418596	0,119	0,309
CHR5	27704883	CHR5:27704883	SSF x Near_LoA	-9,92245976	0,055	0,310
CHR5	27711620	CHR5:27711620	SSF x Near_LoA	-11,4932678	-0,018	0,305
CHR5	27716993	CHR5:27716993	SSF x Near_LoA	-12,2313327	-0,038	0,298
CHR5	27717088	CHR5:27717088	SSF x Near_LoA	-9,59629163	0,002	0,306
CHR5	27717105	CHR5:27717105	SSF x Near_LoA	-7,96391261	0,064	0,300
CHR5	27717153	CHR5:27717153	SSF x Near_LoA	-11,1890045	-0,004	0,311
CHR5	27717215	CHR5:27717215	SSF x Near_LoA	-6,29108059	-0,065	0,309
CHR5	27722536	CHR5:27722536	SSF x Near_LoA	-11,2088944	0,052	0,300
CHR5	27722568	CHR5:27722568	SSF x Near_LoA	-11,4054783	-0,063	0,297
CHR5	27724232	CHR5:27724232	SSF x Near_LoA	-6,73921814	-0,057	0,320
CHR5	27725780	CHR5:27725780	SSF x Near_LoA	-8,85788834	0,072	0,314
CHR5	27725847	CHR5:27725847	SSF x Near_LoA	-10,4055922	-0,021	0,303
CHR5	27725857	CHR5:27725857	SSF x Near_LoA	-9,06401822	-0,082	0,308
CHR5	27725860	CHR5:27725860	SSF x Near_LoA	-9,32164584	0,058	0,293
CHR5	27725865	CHR5:27725865	SSF x Near_LoA	-7,44157744	0,106	0,303
CHR5	27725881	CHR5:27725881	SSF x Near_LoA	-8,55326765	-0,074	0,297
CHR5	27726016	CHR5:27726016	SSF x Near_LoA	-9,83596854	-0,076	0,301
CHR5	27730866	CHR5:27730866	SSF x Near_LoA	-8,33483991	0,123	0,309
CHR5	27730925	CHR5:27730925	SSF x Near_LoA	-10,1554649	-0,033	0,310
CHR5	27731053	CHR5:27731053	SSF x Near_LoA	-10,4721782	0,074	0,302
CHR5	27752933	CHR5:27752933	SSF x Near_LoA	-7,6493954	0,132	0,299
CHR5	27757794	CHR5:27757794	SSF x Near_LoA	-9,13383534	-0,157	0,309
CHR5	27760050	CHR5:27760050	SSF x Near_LoA	-7,84285129	0,121	0,293
CHR5	27760052	CHR5:27760052	SSF x Near_LoA	-10,3807793	-0,010	0,309
CHR5	27760103	CHR5:27760103	SSF x Near_LoA	-9,66630814	-0,032	0,305
CHR5	27763345	CHR5:27763345	SSF x Near_LoA	-9,76048012	-0,030	0,298
CHR5	27763443	CHR5:27763443	SSF x Near_LoA	-9,0438849	0,009	0,324
CHR5	27763507	CHR5:27763507	SSF x Near_LoA	-9,40266166	0,012	0,308
CHR5	2777486	CHR5:2777486	SSF x Near_LoA	-7,19432601	0,132	0,310
CHR5	27778619	CHR5:27778619	SSF x Near_LoA	-12,3896162	-0,005	0,311
CHR5	27778801	CHR5:27778801	SSF x Near_LoA	-8,53033092	0,099	0,305
CHR5	27784647	CHR5:27784647	SSF x Near_LoA	-9,65370759	0,007	0,311
CHR5	27784711	CHR5:27784711	SSF x Near_LoA	-8,52082694	0,038	0,291
CHR5	27784878	CHR5:27784878	SSF x Near_LoA	-8,44206412	0,009	0,311
CHR5	27788366	CHR5:27788366	SSF x Near_LoA	-5,00996623	-0,093	0,308
CHR5	27788530	CHR5:27788530	SSF x Near_LoA	-9,26924935	0,121	0,313
CHR5	27788580	CHR5:27788580	SSF x Near_LoA	-8,19843794	-0,001	0,308
CHR5	2779379	CHR5:2779379	SSF x Near_LoA	-11,2117313	-0,007	0,307
CHR5	2779454	CHR5:2779454	SSF x Near_LoA	-8,5561917	0,001	0,310
CHR5	27807822	CHR5:27807822	SSF x Near_LoA	-11,1499695	-0,005	0,309
CHR5	27818176	CHR5:27818176	SSF x Near_LoA	-5,9670441	-0,145	0,299
CHR5	27818205	CHR5:27818205	SSF x Near_LoA	-9,43285014	0,052	0,323
CHR5	27818413	CHR5:27818413	SSF x Near_LoA	-10,3728284	-0,063	0,296
CHR5	27818463	CHR5:27818463	SSF x Near_LoA	-9,92226824	0,048	0,297
CHR5	27819920	CHR5:27819920	SSF x Near_LoA	-9,93997026	0,074	0,306
CHR5	27820252	CHR5:27820252	SSF x Near_LoA	-10,0664395	0,065	0,307
CHR5	27826601	CHR5:27826601	SSF x Near_LoA	-8,73939116	-0,062	0,318

CHR5	27826637	CHR5:27826637	SSF x Near_LoA	-12,23321	0,032	0,304
CHR5	27826639	CHR5:27826639	SSF x Near_LoA	-8,82008541	0,042	0,314
CHR5	27826703	CHR5:27826703	SSF x Near_LoA	-8,63746022	-0,081	0,312
CHR5	2783625	CHR5:2783625	SSF x Near_LoA	-9,46322832	-0,098	0,303
CHR5	2783788	CHR5:2783788	SSF x Near_LoA	-8,33226043	-0,095	0,311
CHR5	2783813	CHR5:2783813	SSF x Near_LoA	-8,46981933	-0,094	0,307
CHR5	27844745	CHR5:27844745	SSF x Near_LoA	-11,0755758	-0,048	0,327
CHR5	27855736	CHR5:27855736	SSF x Near_LoA	-8,0240113	0,024	0,314
CHR5	27855811	CHR5:27855811	SSF x Near_LoA	-9,37798436	-0,019	0,313
CHR5	27855835	CHR5:27855835	SSF x Near_LoA	-9,29781584	0,071	0,313
CHR5	27855839	CHR5:27855839	SSF x Near_LoA	-8,85744282	0,074	0,296
CHR5	27855873	CHR5:27855873	SSF x Near_LoA	-10,6451628	0,081	0,307
CHR5	27855892	CHR5:27855892	SSF x Near_LoA	-9,97664253	-0,016	0,320
CHR5	27855923	CHR5:27855923	SSF x Near_LoA	-5,75705027	0,173	0,296
CHR5	27855968	CHR5:27855968	SSF x Near_LoA	-8,08603832	-0,078	0,300
CHR5	27861143	CHR5:27861143	SSF x Near_LoA	-10,6389062	-0,071	0,311
CHR5	27861204	CHR5:27861204	SSF x Near_LoA	-7,71896705	-0,126	0,310
CHR5	27861325	CHR5:27861325	SSF x Near_LoA	-6,61394465	0,076	0,300
CHR5	27861377	CHR5:27861377	SSF x Near_LoA	-10,7199013	0,027	0,291
CHR5	27865800	CHR5:27865800	SSF x Near_LoA	-2,65170771	-0,143	0,321
CHR5	27865861	CHR5:27865861	SSF x Near_LoA	-9,84170268	-0,034	0,316
CHR5	27866781	CHR5:27866781	SSF x Near_LoA	-7,32357819	0,074	0,303
CHR5	27874040	CHR5:27874040	SSF x Near_LoA	-1,97843829	0,244	0,293
CHR5	27874100	CHR5:27874100	SSF x Near_LoA	-9,1991333	-0,085	0,317
CHR5	27883185	CHR5:27883185	SSF x Near_LoA	-3,25677171	-0,012	0,313
CHR5	27883186	CHR5:27883186	SSF x Near_LoA	-9,67205495	-0,017	0,319
CHR5	27883234	CHR5:27883234	SSF x Near_LoA	-6,35125699	-0,054	0,315
CHR5	27883239	CHR5:27883239	SSF x Near_LoA	-10,0456478	-0,049	0,302
CHR5	27883261	CHR5:27883261	SSF x Near_LoA	-6,19934956	0,108	0,299
CHR5	27891356	CHR5:27891356	SSF x Near_LoA	-11,2665163	0,020	0,291
CHR5	27891516	CHR5:27891516	SSF x Near_LoA	-6,7213071	0,105	0,307
CHR5	27891692	CHR5:27891692	SSF x Near_LoA	-8,49816006	-0,063	0,303
CHR5	27891697	CHR5:27891697	SSF x Near_LoA	-8,73066346	0,046	0,305
CHR5	27897784	CHR5:27897784	SSF x Near_LoA	-9,04540479	-0,081	0,307
CHR5	27897850	CHR5:27897850	SSF x Near_LoA	-10,0444837	-0,020	0,312
CHR5	27900918	CHR5:27900918	SSF x Near_LoA	-9,86752991	-0,042	0,299
CHR5	27900991	CHR5:27900991	SSF x Near_LoA	-3,0798643	-0,116	0,316
CHR5	27904244	CHR5:27904244	SSF x Near_LoA	-10,267373	-0,033	0,310
CHR5	27904266	CHR5:27904266	SSF x Near_LoA	-11,710563	-0,055	0,312
CHR5	27905630	CHR5:27905630	SSF x Near_LoA	-11,2079165	-0,040	0,315
CHR5	27921594	CHR5:27921594	SSF x Near_LoA	-9,56907311	-0,027	0,320
CHR5	27921611	CHR5:27921611	SSF x Near_LoA	-11,0065363	-0,031	0,306
CHR5	27923946	CHR5:27923946	SSF x Near_LoA	-11,2676559	-0,058	0,310
CHR5	27923978	CHR5:27923978	SSF x Near_LoA	-7,33928866	0,101	0,305
CHR5	27923986	CHR5:27923986	SSF x Near_LoA	-10,9819481	-0,056	0,312
CHR5	27923990	CHR5:27923990	SSF x Near_LoA	-9,74098286	0,004	0,304
CHR5	27924023	CHR5:27924023	SSF x Near_LoA	-8,66462566	-0,002	0,297
CHR5	27927863	CHR5:27927863	SSF x Near_LoA	-9,78443604	-0,022	0,309
CHR5	27927892	CHR5:27927892	SSF x Near_LoA	-12,7697398	-0,007	0,295
CHR5	27927939	CHR5:27927939	SSF x Near_LoA	-7,42959239	0,089	0,303
CHR5	27927952	CHR5:27927952	SSF x Near_LoA	-10,7370558	-0,020	0,301
CHR5	27928183	CHR5:27928183	SSF x Near_LoA	11,3418976	0,088	0,297
CHR5	27928247	CHR5:27928247	SSF x Near_LoA	-11,0775313	-0,034	0,302

CHR5	27928282	CHR5:27928282	SSF x Near_LoA	-11,2776999	-0,002	0,306
CHR5	27943251	CHR5:27943251	SSF x Near_LoA	-10,0157294	0,044	0,311
CHR5	27947993	CHR5:27947993	SSF x Near_LoA	-9,78581281	0,083	0,302
CHR5	27948139	CHR5:27948139	SSF x Near_LoA	-7,77727895	-0,048	0,316
CHR5	27951321	CHR5:27951321	SSF x Near_LoA	-6,39196406	-0,088	0,301
CHR5	27951367	CHR5:27951367	SSF x Near_LoA	-9,27351448	0,036	0,315
CHR5	27951427	CHR5:27951427	SSF x Near_LoA	-9,72764572	-0,048	0,308
CHR5	27951470	CHR5:27951470	SSF x Near_LoA	-11,3749814	-0,100	0,302
CHR5	27951488	CHR5:27951488	SSF x Near_LoA	-8,82849306	-0,095	0,313
CHR5	27951493	CHR5:27951493	SSF x Near_LoA	-8,17663074	-0,024	0,302
CHR5	27951498	CHR5:27951498	SSF x Near_LoA	-7,58744143	-0,104	0,305
CHR5	27952602	CHR5:27952602	SSF x Near_LoA	-10,4263616	0,012	0,303
CHR5	27952642	CHR5:27952642	SSF x Near_LoA	-8,52438337	-0,045	0,301
CHR5	27952675	CHR5:27952675	SSF x Near_LoA	-11,3648044	-0,050	0,291
CHR5	27952676	CHR5:27952676	SSF x Near_LoA	-9,45487218	-0,039	0,306
CHR5	27952754	CHR5:27952754	SSF x Near_LoA	-10,4795238	-0,065	0,314
CHR5	27952756	CHR5:27952756	SSF x Near_LoA	-11,9082862	-0,014	0,313
CHR5	27959206	CHR5:27959206	SSF x Near_LoA	-7,62021345	-0,145	0,286
CHR5	27959288	CHR5:27959288	SSF x Near_LoA	-4,57847493	-0,075	0,313
CHR5	27968465	CHR5:27968465	SSF x Near_LoA	-9,33498429	-0,059	0,308
CHR5	27968542	CHR5:27968542	SSF x Near_LoA	-6,89758924	0,146	0,310
CHR5	27974382	CHR5:27974382	SSF x Near_LoA	-10,7821137	-0,024	0,312
CHR5	27974383	CHR5:27974383	SSF x Near_LoA	-8,9840734	-0,016	0,284
CHR5	27980274	CHR5:27980274	SSF x Near_LoA	-10,4119033	-0,054	0,302
CHR5	27980545	CHR5:27980545	SSF x Near_LoA	-10,4204365	0,079	0,311
CHR5	27985528	CHR5:27985528	SSF x Near_LoA	-9,24128942	-0,078	0,309
CHR5	27995973	CHR5:27995973	SSF x Near_LoA	-12,1365516	-0,026	0,299
CHR5	27995995	CHR5:27995995	SSF x Near_LoA	-8,96599631	-0,104	0,308
CHR5	27996017	CHR5:27996017	SSF x Near_LoA	-9,25841592	0,018	0,317
CHR5	27996018	CHR5:27996018	SSF x Near_LoA	-10,1888451	0,025	0,312
CHR5	27996092	CHR5:27996092	SSF x Near_LoA	-11,1177053	-0,010	0,308
CHR5	27996276	CHR5:27996276	SSF x Near_LoA	-8,71038329	-0,077	0,302
CHR5	28003286	CHR5:28003286	SSF x Near_LoA	-9,89048892	0,019	0,294
CHR5	28003636	CHR5:28003636	SSF x Near_LoA	-10,5212313	0,051	0,310
CHR5	28003654	CHR5:28003654	SSF x Near_LoA	-11,2037293	0,000	0,297
CHR5	28015358	CHR5:28015358	SSF x Near_LoA	-11,4029105	0,029	0,291
CHR5	28015362	CHR5:28015362	SSF x Near_LoA	-11,0985717	0,071	0,303
CHR5	2801700	CHR5:2801700	SSF x Near_LoA	-7,46324594	0,048	0,322
CHR5	2801776	CHR5:2801776	SSF x Near_LoA	-9,59386525	0,042	0,313
CHR5	28027025	CHR5:28027025	SSF x Near_LoA	-11,0758175	-0,063	0,301
CHR5	28027055	CHR5:28027055	SSF x Near_LoA	-8,90852333	-0,102	0,292
CHR5	28027060	CHR5:28027060	SSF x Near_LoA	-6,38664207	0,033	0,312
CHR5	28027081	CHR5:28027081	SSF x Near_LoA	-10,3955358	-0,084	0,311
CHR5	28027148	CHR5:28027148	SSF x Near_LoA	-8,82807222	-0,034	0,295
CHR5	28027272	CHR5:28027272	SSF x Near_LoA	-9,46533895	0,036	0,324
CHR5	28029487	CHR5:28029487	SSF x Near_LoA	-8,39016003	-0,120	0,300
CHR5	28029552	CHR5:28029552	SSF x Near_LoA	-10,3551063	0,010	0,300
CHR5	28029564	CHR5:28029564	SSF x Near_LoA	-9,97209772	-0,001	0,311
CHR5	28032112	CHR5:28032112	SSF x Near_LoA	-9,37002636	0,005	0,303
CHR5	28032162	CHR5:28032162	SSF x Near_LoA	-9,46205767	0,012	0,316
CHR5	28032163	CHR5:28032163	SSF x Near_LoA	-8,27720124	-0,133	0,297
CHR5	28034342	CHR5:28034342	SSF x Near_LoA	-10,3137647	-0,040	0,308
CHR5	28034377	CHR5:28034377	SSF x Near_LoA	-8,0235541	0,088	0,302

CHR5	28035049	CHR5:28035049	SSF x Near_LoA	-8,40115016	-0,063	0,299
CHR5	28037057	CHR5:28037057	SSF x Near_LoA	-10,7282467	-0,055	0,303
CHR5	28037099	CHR5:28037099	SSF x Near_LoA	-8,1309314	0,001	0,313
CHR5	28040154	CHR5:28040154	SSF x Near_LoA	-9,96109503	0,018	0,313
CHR5	28042287	CHR5:28042287	SSF x Near_LoA	-9,52090575	-0,074	0,303
CHR5	28042295	CHR5:28042295	SSF x Near_LoA	-8,9146155	-0,042	0,311
CHR5	28045598	CHR5:28045598	SSF x Near_LoA	-10,2291861	-0,071	0,317
CHR5	28052963	CHR5:28052963	SSF x Near_LoA	-8,8020409	0,040	0,306
CHR5	28053081	CHR5:28053081	SSF x Near_LoA	-10,5702766	-0,062	0,305
CHR5	28059258	CHR5:28059258	SSF x Near_LoA	0,53045766	0,068	0,313
CHR5	28059431	CHR5:28059431	SSF x Near_LoA	-9,9369301	0,035	0,312
CHR5	28063537	CHR5:28063537	SSF x Near_LoA	-7,00672639	0,006	0,306
CHR5	28063796	CHR5:28063796	SSF x Near_LoA	-8,64947929	0,014	0,314
CHR5	28063835	CHR5:28063835	SSF x Near_LoA	-5,93672296	-0,144	0,302
CHR5	28072589	CHR5:28072589	SSF x Near_LoA	-10,7269459	-0,104	0,281
CHR5	28077614	CHR5:28077614	SSF x Near_LoA	-8,34813654	0,098	0,316
CHR5	28077616	CHR5:28077616	SSF x Near_LoA	-9,43230526	0,055	0,322
CHR5	28080594	CHR5:28080594	SSF x Near_LoA	-9,96159719	-0,062	0,286
CHR5	28080637	CHR5:28080637	SSF x Near_LoA	-3,3562827	-0,012	0,312
CHR5	28080668	CHR5:28080668	SSF x Near_LoA	-10,5660855	0,051	0,319
CHR5	28080669	CHR5:28080669	SSF x Near_LoA	-11,3800355	0,066	0,308
CHR5	28088351	CHR5:28088351	SSF x Near_LoA	-9,94669932	0,016	0,313
CHR5	28088474	CHR5:28088474	SSF x Near_LoA	-10,8047076	-0,044	0,305
CHR5	28090163	CHR5:28090163	SSF x Near_LoA	-10,8825926	0,081	0,296
CHR5	28114225	CHR5:28114225	SSF x Near_LoA	-7,76834832	-0,002	0,316
CHR5	28114255	CHR5:28114255	SSF x Near_LoA	-9,33355591	-0,067	0,291
CHR5	28114665	CHR5:28114665	SSF x Near_LoA	-11,9473929	-0,061	0,295
CHR5	28114779	CHR5:28114779	SSF x Near_LoA	-9,54946416	0,117	0,297
CHR5	28114787	CHR5:28114787	SSF x Near_LoA	-9,95455515	0,092	0,313
CHR5	28114847	CHR5:28114847	SSF x Near_LoA	-11,2820342	0,096	0,292
CHR5	28119604	CHR5:28119604	SSF x Near_LoA	-8,03273537	0,080	0,306
CHR5	28119618	CHR5:28119618	SSF x Near_LoA	-9,1514672	0,001	0,309
CHR5	28119651	CHR5:28119651	SSF x Near_LoA	-8,63216294	-0,067	0,291
CHR5	28119661	CHR5:28119661	SSF x Near_LoA	-8,21086	-0,137	0,297
CHR5	28126732	CHR5:28126732	SSF x Near_LoA	-8,30945107	0,022	0,300
CHR5	28126753	CHR5:28126753	SSF x Near_LoA	-9,1081132	0,104	0,294
CHR5	28126754	CHR5:28126754	SSF x Near_LoA	-8,08319318	0,065	0,308
CHR5	28128988	CHR5:28128988	SSF x Near_LoA	-11,3453939	0,119	0,296
CHR5	28133557	CHR5:28133557	SSF x Near_LoA	-9,63725456	-0,048	0,305
CHR5	28133568	CHR5:28133568	SSF x Near_LoA	-10,5539031	0,037	0,304
CHR5	28133619	CHR5:28133619	SSF x Near_LoA	-11,7195471	0,039	0,299
CHR5	28133639	CHR5:28133639	SSF x Near_LoA	-9,55607875	-0,007	0,311
CHR5	28133643	CHR5:28133643	SSF x Near_LoA	-8,97195909	0,009	0,302
CHR5	28135939	CHR5:28135939	SSF x Near_LoA	-9,53238092	-0,075	0,307
CHR5	28135949	CHR5:28135949	SSF x Near_LoA	-10,2794168	-0,084	0,309
CHR5	28135956	CHR5:28135956	SSF x Near_LoA	-7,92960104	0,037	0,314
CHR5	28139534	CHR5:28139534	SSF x Near_LoA	-9,17184704	-0,140	0,310
CHR5	28143601	CHR5:28143601	SSF x Near_LoA	-12,0174452	0,012	0,308
CHR5	28143665	CHR5:28143665	SSF x Near_LoA	-9,43436786	-0,039	0,304
CHR5	28143675	CHR5:28143675	SSF x Near_LoA	-8,75573467	-0,014	0,309
CHR5	2814846	CHR5:2814846	SSF x Near_LoA	-6,79954884	-0,069	0,300
CHR5	2815029	CHR5:2815029	SSF x Near_LoA	-5,05189013	-0,181	0,306
CHR5	28154848	CHR5:28154848	SSF x Near_LoA	-8,07013272	-0,075	0,313

CHR5	28154916	CHR5:28154916	SSF x Near_LoA	-9,93946672	0,028	0,299
CHR5	28154951	CHR5:28154951	SSF x Near_LoA	-10,5193452	0,085	0,295
CHR5	28155029	CHR5:28155029	SSF x Near_LoA	-8,72535988	0,020	0,290
CHR5	28155048	CHR5:28155048	SSF x Near_LoA	-8,74216235	0,065	0,296
CHR5	28161594	CHR5:28161594	SSF x Near_LoA	-9,43530415	0,061	0,296
CHR5	28161604	CHR5:28161604	SSF x Near_LoA	-10,9823481	-0,005	0,307
CHR5	28161615	CHR5:28161615	SSF x Near_LoA	-10,710442	-0,019	0,307
CHR5	28161622	CHR5:28161622	SSF x Near_LoA	-6,23741753	0,149	0,308
CHR5	28161740	CHR5:28161740	SSF x Near_LoA	-10,4276353	-0,012	0,309
CHR5	28192592	CHR5:28192592	SSF x Near_LoA	-11,1077789	-0,007	0,305
CHR5	28192593	CHR5:28192593	SSF x Near_LoA	-10,5223266	0,004	0,321
CHR5	2819896	CHR5:2819896	SSF x Near_LoA	-8,94418853	-0,095	0,299
CHR5	2819921	CHR5:2819921	SSF x Near_LoA	-8,22627732	-0,077	0,303
CHR5	28207152	CHR5:28207152	SSF x Near_LoA	-9,94138647	-0,093	0,306
CHR5	28209121	CHR5:28209121	SSF x Near_LoA	-7,96121795	0,120	0,296
CHR5	28209189	CHR5:28209189	SSF x Near_LoA	-3,14490945	-0,146	0,312
CHR5	2821058	CHR5:2821058	SSF x Near_LoA	-8,17459812	-0,085	0,298
CHR5	28211313	CHR5:28211313	SSF x Near_LoA	-11,1987676	0,079	0,309
CHR5	28212487	CHR5:28212487	SSF x Near_LoA	-9,19325378	-0,076	0,306
CHR5	28212512	CHR5:28212512	SSF x Near_LoA	-11,3959086	-0,014	0,307
CHR5	28212528	CHR5:28212528	SSF x Near_LoA	-8,98257439	-0,012	0,328
CHR5	28216107	CHR5:28216107	SSF x Near_LoA	-8,73015069	-0,008	0,311
CHR5	28216320	CHR5:28216320	SSF x Near_LoA	-9,58122058	0,127	0,294
CHR5	28216407	CHR5:28216407	SSF x Near_LoA	-10,867511	-0,060	0,306
CHR5	28218441	CHR5:28218441	SSF x Near_LoA	-8,29591989	-0,083	0,308
CHR5	28218445	CHR5:28218445	SSF x Near_LoA	-5,78083724	-0,101	0,307
CHR5	28218463	CHR5:28218463	SSF x Near_LoA	-9,11486139	-0,085	0,318
CHR5	28223531	CHR5:28223531	SSF x Near_LoA	-9,06191516	0,074	0,301
CHR5	28223675	CHR5:28223675	SSF x Near_LoA	-5,67846949	0,132	0,289
CHR5	28223691	CHR5:28223691	SSF x Near_LoA	-7,21973573	-0,167	0,308
CHR5	28223712	CHR5:28223712	SSF x Near_LoA	-9,16577599	-0,013	0,309
CHR5	28224696	CHR5:28224696	SSF x Near_LoA	-9,77252884	0,047	0,322
CHR5	28224818	CHR5:28224818	SSF x Near_LoA	-8,98946143	-0,035	0,310
CHR5	28227499	CHR5:28227499	SSF x Near_LoA	-10,9706469	-0,023	0,303
CHR5	28227502	CHR5:28227502	SSF x Near_LoA	-9,48911125	-0,086	0,331
CHR5	28227553	CHR5:28227553	SSF x Near_LoA	-1,17046114	0,028	0,315
CHR5	28227572	CHR5:28227572	SSF x Near_LoA	-7,86340125	0,040	0,301
CHR5	28228571	CHR5:28228571	SSF x Near_LoA	-10,8406274	-0,023	0,321
CHR5	28228627	CHR5:28228627	SSF x Near_LoA	-10,5356201	-0,034	0,307
CHR5	28228768	CHR5:28228768	SSF x Near_LoA	-10,5147779	0,051	0,295
CHR5	28235884	CHR5:28235884	SSF x Near_LoA	-11,9431058	0,021	0,307
CHR5	28235891	CHR5:28235891	SSF x Near_LoA	-6,16949121	-0,081	0,301
CHR5	28235916	CHR5:28235916	SSF x Near_LoA	-9,20945832	0,075	0,294
CHR5	28235925	CHR5:28235925	SSF x Near_LoA	-9,38049267	-0,050	0,299
CHR5	28239828	CHR5:28239828	SSF x Near_LoA	-9,46259318	-0,029	0,299
CHR5	28239829	CHR5:28239829	SSF x Near_LoA	-10,683057	0,067	0,304
CHR5	28239836	CHR5:28239836	SSF x Near_LoA	-10,5318637	-0,052	0,305
CHR5	28240696	CHR5:28240696	SSF x Near_LoA	-9,87585445	0,002	0,302
CHR5	28240725	CHR5:28240725	SSF x Near_LoA	-9,59054215	-0,081	0,303
CHR5	28243254	CHR5:28243254	SSF x Near_LoA	-4,97992104	0,057	0,311
CHR5	2824482	CHR5:2824482	SSF x Near_LoA	-10,3092149	-0,058	0,309
CHR5	2824573	CHR5:2824573	SSF x Near_LoA	-8,44272885	0,123	0,296
CHR5	2824606	CHR5:2824606	SSF x Near_LoA	-9,16877024	-0,111	0,300

CHR5	28246305	CHR5:28246305	SSF x Near_LoA	-4,3482057	0,097	0,304
CHR5	28246351	CHR5:28246351	SSF x Near_LoA	-11,6690701	0,080	0,305
CHR5	28246355	CHR5:28246355	SSF x Near_LoA	-7,970568	0,140	0,291
CHR5	28257550	CHR5:28257550	SSF x Near_LoA	-8,37132282	-0,006	0,296
CHR5	28257553	CHR5:28257553	SSF x Near_LoA	-8,54331928	0,039	0,300
CHR5	28257559	CHR5:28257559	SSF x Near_LoA	-9,47825998	-0,062	0,312
CHR5	28257570	CHR5:28257570	SSF x Near_LoA	-11,3242371	0,088	0,304
CHR5	28257652	CHR5:28257652	SSF x Near_LoA	-7,55046472	0,072	0,316
CHR5	28268003	CHR5:28268003	SSF x Near_LoA	-9,45726751	0,006	0,312
CHR5	28268054	CHR5:28268054	SSF x Near_LoA	-11,1944109	-0,054	0,314
CHR5	28268075	CHR5:28268075	SSF x Near_LoA	-7,53438332	0,137	0,291
CHR5	28295363	CHR5:28295363	SSF x Near_LoA	-11,3291773	0,011	0,297
CHR5	28302166	CHR5:28302166	SSF x Near_LoA	-9,78336673	-0,085	0,291
CHR5	28302181	CHR5:28302181	SSF x Near_LoA	-6,80761552	0,041	0,301
CHR5	28302182	CHR5:28302182	SSF x Near_LoA	-10,0052172	-0,100	0,306
CHR5	28302348	CHR5:28302348	SSF x Near_LoA	-10,2972646	-0,002	0,310
CHR5	28302362	CHR5:28302362	SSF x Near_LoA	-11,0179791	0,023	0,315
CHR5	28304549	CHR5:28304549	SSF x Near_LoA	-7,63326229	0,018	0,307
CHR5	28304550	CHR5:28304550	SSF x Near_LoA	-8,57339931	-0,095	0,307
CHR5	28304586	CHR5:28304586	SSF x Near_LoA	-8,00123675	-0,104	0,313
CHR5	28304613	CHR5:28304613	SSF x Near_LoA	-3,28451766	0,175	0,299
CHR5	28306670	CHR5:28306670	SSF x Near_LoA	-10,219473	0,114	0,297
CHR5	28306728	CHR5:28306728	SSF x Near_LoA	-9,73195237	0,130	0,299
CHR5	28306900	CHR5:28306900	SSF x Near_LoA	-8,41441012	-0,095	0,299
CHR5	28306905	CHR5:28306905	SSF x Near_LoA	-9,73451124	0,067	0,297
CHR5	28306916	CHR5:28306916	SSF x Near_LoA	-5,87090504	-0,122	0,303
CHR5	28306919	CHR5:28306919	SSF x Near_LoA	-7,60735496	-0,101	0,314
CHR5	28306946	CHR5:28306946	SSF x Near_LoA	-8,00158916	0,014	0,324
CHR5	28310715	CHR5:28310715	SSF x Near_LoA	-11,1563973	0,039	0,309
CHR5	28316867	CHR5:28316867	SSF x Near_LoA	-9,37500756	-0,020	0,307
CHR5	28316899	CHR5:28316899	SSF x Near_LoA	-10,6865564	0,029	0,300
CHR5	28316921	CHR5:28316921	SSF x Near_LoA	-10,9053424	-0,053	0,305
CHR5	28319773	CHR5:28319773	SSF x Near_LoA	-8,91548168	0,022	0,312
CHR5	28319821	CHR5:28319821	SSF x Near_LoA	-10,3651089	0,011	0,305
CHR5	28321510	CHR5:28321510	SSF x Near_LoA	-10,4312062	0,009	0,313
CHR5	28321666	CHR5:28321666	SSF x Near_LoA	-8,88065226	-0,031	0,319
CHR5	28321667	CHR5:28321667	SSF x Near_LoA	-8,91774945	-0,040	0,314
CHR5	28322615	CHR5:28322615	SSF x Near_LoA	-10,977322	-0,024	0,299
CHR5	28325084	CHR5:28325084	SSF x Near_LoA	-10,7156069	0,013	0,306
CHR5	28325090	CHR5:28325090	SSF x Near_LoA	-6,89800058	0,030	0,306
CHR5	28327942	CHR5:28327942	SSF x Near_LoA	-7,39235932	-0,127	0,305
CHR5	28327950	CHR5:28327950	SSF x Near_LoA	-8,58387299	0,187	0,304
CHR5	28327958	CHR5:28327958	SSF x Near_LoA	-10,6422003	0,019	0,308
CHR5	28327967	CHR5:28327967	SSF x Near_LoA	-11,0266032	-0,068	0,299
CHR5	28327977	CHR5:28327977	SSF x Near_LoA	-10,6084017	-0,065	0,304
CHR5	28328015	CHR5:28328015	SSF x Near_LoA	-11,6495426	0,010	0,313
CHR5	28328077	CHR5:28328077	SSF x Near_LoA	-9,17559664	-0,028	0,303
CHR5	28328109	CHR5:28328109	SSF x Near_LoA	-2,37553002	-0,135	0,302
CHR5	2834437	CHR5:2834437	SSF x Near_LoA	-9,56517259	0,012	0,315
CHR5	28348959	CHR5:28348959	SSF x Near_LoA	-11,8985575	-0,122	0,289
CHR5	28349104	CHR5:28349104	SSF x Near_LoA	-10,034635	0,003	0,312
CHR5	28350631	CHR5:28350631	SSF x Near_LoA	-7,52098209	0,048	0,322
CHR5	28350647	CHR5:28350647	SSF x Near_LoA	-9,47370349	0,067	0,304

CHR5	28350726	CHR5:28350726	SSF x Near_LoA	-8,00180827	0,051	0,306
CHR5	28382804	CHR5:28382804	SSF x Near_LoA	-10,610322	0,032	0,306
CHR5	28382845	CHR5:28382845	SSF x Near_LoA	-9,77572092	0,001	0,324
CHR5	28387549	CHR5:28387549	SSF x Near_LoA	-9,24439733	0,067	0,311
CHR5	28388386	CHR5:28388386	SSF x Near_LoA	-10,6927499	-0,030	0,313
CHR5	28392578	CHR5:28392578	SSF x Near_LoA	-7,31588015	-0,040	0,309
CHR5	28392622	CHR5:28392622	SSF x Near_LoA	-10,5704461	0,021	0,303
CHR5	28397854	CHR5:28397854	SSF x Near_LoA	-8,96344977	0,090	0,300
CHR5	28397868	CHR5:28397868	SSF x Near_LoA	-8,18875565	0,041	0,308
CHR5	2839788	CHR5:2839788	SSF x Near_LoA	-7,92455857	-0,144	0,307
CHR5	28398030	CHR5:28398030	SSF x Near_LoA	-12,0840172	0,062	0,310
CHR5	28404563	CHR5:28404563	SSF x Near_LoA	-4,06757778	0,100	0,304
CHR5	28411332	CHR5:28411332	SSF x Near_LoA	-9,98946292	-0,048	0,304
CHR5	28411568	CHR5:28411568	SSF x Near_LoA	-8,50513223	0,054	0,317
CHR5	28411580	CHR5:28411580	SSF x Near_LoA	-9,77682959	0,044	0,309
CHR5	28414186	CHR5:28414186	SSF x Near_LoA	-9,93939936	-0,006	0,323
CHR5	28414234	CHR5:28414234	SSF x Near_LoA	-6,53099172	-0,017	0,327
CHR5	28414557	CHR5:28414557	SSF x Near_LoA	-9,0382357	0,027	0,321
CHR5	28414571	CHR5:28414571	SSF x Near_LoA	-8,53415244	-0,014	0,295
CHR5	28414592	CHR5:28414592	SSF x Near_LoA	-9,60581997	0,048	0,308
CHR5	28420297	CHR5:28420297	SSF x Near_LoA	-9,62716126	0,043	0,307
CHR5	28420323	CHR5:28420323	SSF x Near_LoA	-9,90664403	0,029	0,299
CHR5	28420477	CHR5:28420477	SSF x Near_LoA	-7,54235506	-0,031	0,309
CHR5	28420496	CHR5:28420496	SSF x Near_LoA	-10,0572177	-0,110	0,312
CHR5	28420504	CHR5:28420504	SSF x Near_LoA	-8,90379124	-0,147	0,308
CHR5	28420514	CHR5:28420514	SSF x Near_LoA	-10,1741136	-0,117	0,299
CHR5	2842647	CHR5:2842647	SSF x Near_LoA	-5,41416857	-0,129	0,308
CHR5	28432542	CHR5:28432542	SSF x Near_LoA	-8,18128275	-0,107	0,308
CHR5	28432569	CHR5:28432569	SSF x Near_LoA	-8,79088422	-0,022	0,293
CHR5	28432583	CHR5:28432583	SSF x Near_LoA	-9,38405267	0,057	0,301
CHR5	28432623	CHR5:28432623	SSF x Near_LoA	-4,12048898	-0,194	0,294
CHR5	28435000	CHR5:28435000	SSF x Near_LoA	-9,94203682	0,016	0,302
CHR5	28435125	CHR5:28435125	SSF x Near_LoA	-9,12126719	0,013	0,303
CHR5	28435147	CHR5:28435147	SSF x Near_LoA	-10,6667802	0,082	0,298
CHR5	28435178	CHR5:28435178	SSF x Near_LoA	-9,35320127	-0,045	0,295
CHR5	28440908	CHR5:28440908	SSF x Near_LoA	-7,59266442	-0,053	0,307
CHR5	28440964	CHR5:28440964	SSF x Near_LoA	-10,8993046	-0,041	0,297
CHR5	28440968	CHR5:28440968	SSF x Near_LoA	-10,7718735	-0,045	0,314
CHR5	28440994	CHR5:28440994	SSF x Near_LoA	-6,72076532	-0,067	0,321
CHR5	28440998	CHR5:28440998	SSF x Near_LoA	-4,12613006	-0,166	0,313
CHR5	28441019	CHR5:28441019	SSF x Near_LoA	-8,1273682	0,185	0,298
CHR5	28441040	CHR5:28441040	SSF x Near_LoA	-10,4907368	-0,026	0,315
CHR5	28441052	CHR5:28441052	SSF x Near_LoA	-11,6189914	0,000	0,306
CHR5	28441071	CHR5:28441071	SSF x Near_LoA	-2,19171415	-0,204	0,294
CHR5	28441103	CHR5:28441103	SSF x Near_LoA	-4,28740828	0,162	0,298
CHR5	28443633	CHR5:28443633	SSF x Near_LoA	-5,81697401	0,082	0,314
CHR5	28443795	CHR5:28443795	SSF x Near_LoA	-8,82663505	-0,004	0,303
CHR5	28443822	CHR5:28443822	SSF x Near_LoA	-9,49781566	0,000	0,318
CHR5	28445484	CHR5:28445484	SSF x Near_LoA	-10,0299941	-0,034	0,306
CHR5	28445551	CHR5:28445551	SSF x Near_LoA	-8,53758494	-0,061	0,319
CHR5	28445591	CHR5:28445591	SSF x Near_LoA	-7,79494038	-0,106	0,314
CHR5	28445642	CHR5:28445642	SSF x Near_LoA	-8,99228335	0,023	0,310
CHR5	28445654	CHR5:28445654	SSF x Near_LoA	-9,71332722	0,065	0,306

CHR5	28445723	CHR5:28445723	SSF x Near_LoA	-9,49639669	0,085	0,294
CHR5	28448807	CHR5:28448807	SSF x Near_LoA	-8,08913936	-0,012	0,307
CHR5	28448858	CHR5:28448858	SSF x Near_LoA	-7,28910044	-0,137	0,295
CHR5	28449031	CHR5:28449031	SSF x Near_LoA	-11,1161932	0,079	0,319
CHR5	28449051	CHR5:28449051	SSF x Near_LoA	-5,34325127	-0,159	0,299
CHR5	28450544	CHR5:28450544	SSF x Near_LoA	-10,8645789	0,046	0,318
CHR5	28450576	CHR5:28450576	SSF x Near_LoA	-10,9961234	0,002	0,302
CHR5	28453764	CHR5:28453764	SSF x Near_LoA	-8,11925472	-0,089	0,313
CHR5	28453788	CHR5:28453788	SSF x Near_LoA	-7,66360176	-0,037	0,319
CHR5	28454141	CHR5:28454141	SSF x Near_LoA	-12,4014657	0,053	0,302
CHR5	28474634	CHR5:28474634	SSF x Near_LoA	-12,2922707	-0,059	0,289
CHR5	28474661	CHR5:28474661	SSF x Near_LoA	-9,76089776	-0,107	0,303
CHR5	28474753	CHR5:28474753	SSF x Near_LoA	-7,2414478	-0,179	0,303
CHR5	28474876	CHR5:28474876	SSF x Near_LoA	-9,8913855	0,001	0,303
CHR5	28484901	CHR5:28484901	SSF x Near_LoA	-8,37097082	-0,104	0,317
CHR5	28485110	CHR5:28485110	SSF x Near_LoA	-10,3373526	0,125	0,292
CHR5	28485118	CHR5:28485118	SSF x Near_LoA	-8,10401093	0,094	0,315
CHR5	28487744	CHR5:28487744	SSF x Near_LoA	-7,38348229	-0,171	0,305
CHR5	28502563	CHR5:28502563	SSF x Near_LoA	-8,39890351	-0,036	0,313
CHR5	28509597	CHR5:28509597	SSF x Near_LoA	-10,3095951	0,036	0,321
CHR5	28509688	CHR5:28509688	SSF x Near_LoA	-8,75012442	0,029	0,302
CHR5	28517706	CHR5:28517706	SSF x Near_LoA	-10,7984419	0,079	0,286
CHR5	28517760	CHR5:28517760	SSF x Near_LoA	-8,44769205	-0,086	0,308
CHR5	28522463	CHR5:28522463	SSF x Near_LoA	-8,59572008	0,024	0,303
CHR5	28522466	CHR5:28522466	SSF x Near_LoA	-9,23862456	-0,026	0,299
CHR5	2852566	CHR5:2852566	SSF x Near_LoA	-9,18698722	-0,093	0,302
CHR5	2852729	CHR5:2852729	SSF x Near_LoA	-7,80172101	-0,061	0,313
CHR5	28529584	CHR5:28529584	SSF x Near_LoA	-8,85224187	0,031	0,306
CHR5	28544031	CHR5:28544031	SSF x Near_LoA	-9,57387223	-0,112	0,306
CHR5	28544032	CHR5:28544032	SSF x Near_LoA	-9,52888935	-0,101	0,298
CHR5	28544151	CHR5:28544151	SSF x Near_LoA	-9,52468326	-0,069	0,304
CHR5	28544179	CHR5:28544179	SSF x Near_LoA	-10,6476688	0,008	0,305
CHR5	28544180	CHR5:28544180	SSF x Near_LoA	-9,39559415	0,007	0,312
CHR5	28544197	CHR5:28544197	SSF x Near_LoA	-8,05541717	0,006	0,307
CHR5	28544209	CHR5:28544209	SSF x Near_LoA	-8,67587073	-0,031	0,313
CHR5	28544275	CHR5:28544275	SSF x Near_LoA	-11,4973385	-0,034	0,300
CHR5	28563490	CHR5:28563490	SSF x Near_LoA	-8,43820161	-0,030	0,321
CHR5	28563513	CHR5:28563513	SSF x Near_LoA	-11,8764257	-0,020	0,291
CHR5	28563545	CHR5:28563545	SSF x Near_LoA	-9,53103222	-0,030	0,304
CHR5	28563549	CHR5:28563549	SSF x Near_LoA	-10,7689098	-0,056	0,292
CHR5	2856596	CHR5:2856596	SSF x Near_LoA	-8,15524418	0,037	0,312
CHR5	2856663	CHR5:2856663	SSF x Near_LoA	-7,91704252	0,084	0,304
CHR5	28568018	CHR5:28568018	SSF x Near_LoA	-9,92859564	0,037	0,322
CHR5	2856806	CHR5:2856806	SSF x Near_LoA	-5,53972665	0,047	0,299
CHR5	28568153	CHR5:28568153	SSF x Near_LoA	-9,81436044	-0,129	0,319
CHR5	28568202	CHR5:28568202	SSF x Near_LoA	-11,1634435	0,072	0,312
CHR5	28600029	CHR5:28600029	SSF x Near_LoA	-8,73576657	-0,035	0,300
CHR5	28600964	CHR5:28600964	SSF x Near_LoA	-9,43895236	-0,079	0,309
CHR5	28601076	CHR5:28601076	SSF x Near_LoA	-6,78467548	0,097	0,308
CHR5	28601078	CHR5:28601078	SSF x Near_LoA	-8,59742562	0,010	0,304
CHR5	28602077	CHR5:28602077	SSF x Near_LoA	-5,88894031	-0,203	0,292
CHR5	28609611	CHR5:28609611	SSF x Near_LoA	-9,47389691	0,058	0,294
CHR5	28609632	CHR5:28609632	SSF x Near_LoA	-8,19518149	-0,010	0,309

CHR5	28609643	CHR5:28609643	SSF x Near_LoA	-5,7586571	0,015	0,310
CHR5	28609686	CHR5:28609686	SSF x Near_LoA	-3,44423438	0,016	0,328
CHR5	28609700	CHR5:28609700	SSF x Near_LoA	-9,65609756	-0,020	0,319
CHR5	28609789	CHR5:28609789	SSF x Near_LoA	-8,96410909	0,105	0,294
CHR5	28609790	CHR5:28609790	SSF x Near_LoA	-9,2351792	-0,054	0,310
CHR5	28609794	CHR5:28609794	SSF x Near_LoA	-10,1597583	-0,056	0,308
CHR5	28609815	CHR5:28609815	SSF x Near_LoA	-3,70763693	0,101	0,321
CHR5	28609919	CHR5:28609919	SSF x Near_LoA	-9,59566257	0,035	0,320
CHR5	28614885	CHR5:28614885	SSF x Near_LoA	-9,99507886	0,024	0,292
CHR5	28621382	CHR5:28621382	SSF x Near_LoA	-11,1251734	-0,025	0,314
CHR5	28621442	CHR5:28621442	SSF x Near_LoA	-8,38541062	0,027	0,305
CHR5	28621451	CHR5:28621451	SSF x Near_LoA	-10,6417096	-0,103	0,308
CHR5	28621463	CHR5:28621463	SSF x Near_LoA	-9,8802584	-0,062	0,318
CHR5	28621487	CHR5:28621487	SSF x Near_LoA	-9,11259315	-0,055	0,297
CHR5	28621492	CHR5:28621492	SSF x Near_LoA	-7,98285448	-0,100	0,310
CHR5	28621548	CHR5:28621548	SSF x Near_LoA	-8,817576	-0,045	0,313
CHR5	28621559	CHR5:28621559	SSF x Near_LoA	-7,13581424	-0,001	0,302
CHR5	28621585	CHR5:28621585	SSF x Near_LoA	-8,38820024	0,047	0,310
CHR5	28621604	CHR5:28621604	SSF x Near_LoA	-6,014468	-0,031	0,323
CHR5	28621642	CHR5:28621642	SSF x Near_LoA	-7,75507483	0,086	0,303
CHR5	28621644	CHR5:28621644	SSF x Near_LoA	-8,87728078	0,025	0,309
CHR5	28624128	CHR5:28624128	SSF x Near_LoA	-11,1690252	-0,018	0,310
CHR5	28624458	CHR5:28624458	SSF x Near_LoA	-9,19779079	0,011	0,311
CHR5	28625545	CHR5:28625545	SSF x Near_LoA	-6,00689886	-0,152	0,306
CHR5	28625604	CHR5:28625604	SSF x Near_LoA	-10,9603608	-0,063	0,313
CHR5	28625611	CHR5:28625611	SSF x Near_LoA	-10,0470846	0,035	0,308
CHR5	28625614	CHR5:28625614	SSF x Near_LoA	-8,61307115	0,010	0,314
CHR5	28625618	CHR5:28625618	SSF x Near_LoA	-7,5615092	0,015	0,313
CHR5	28625725	CHR5:28625725	SSF x Near_LoA	-8,75725469	-0,138	0,304
CHR5	28631788	CHR5:28631788	SSF x Near_LoA	-7,70907347	-0,089	0,300
CHR5	28649497	CHR5:28649497	SSF x Near_LoA	-8,47848704	-0,069	0,314
CHR5	28649538	CHR5:28649538	SSF x Near_LoA	-9,03178989	0,081	0,310
CHR5	28649539	CHR5:28649539	SSF x Near_LoA	-8,19221937	-0,112	0,307
CHR5	28649552	CHR5:28649552	SSF x Near_LoA	-5,98318144	-0,055	0,305
CHR5	28649567	CHR5:28649567	SSF x Near_LoA	-7,81316946	0,116	0,294
CHR5	28649586	CHR5:28649586	SSF x Near_LoA	-7,62976434	-0,052	0,309
CHR5	28649696	CHR5:28649696	SSF x Near_LoA	-9,84055998	0,098	0,322
CHR5	28649740	CHR5:28649740	SSF x Near_LoA	-9,67352367	0,042	0,296
CHR5	28655181	CHR5:28655181	SSF x Near_LoA	-10,2370195	0,008	0,305
CHR5	28655226	CHR5:28655226	SSF x Near_LoA	-9,75139431	0,078	0,318
CHR5	28655258	CHR5:28655258	SSF x Near_LoA	-10,8548234	0,073	0,300
CHR5	28660827	CHR5:28660827	SSF x Near_LoA	-10,6638102	0,083	0,308
CHR5	2866673	CHR5:2866673	SSF x Near_LoA	-8,84141466	-0,030	0,313
CHR5	2866832	CHR5:2866832	SSF x Near_LoA	-9,07182822	-0,070	0,311
CHR5	28672416	CHR5:28672416	SSF x Near_LoA	-7,79998854	0,192	0,293
CHR5	28676800	CHR5:28676800	SSF x Near_LoA	-9,60139136	-0,011	0,294
CHR5	28680493	CHR5:28680493	SSF x Near_LoA	-11,6842946	-0,016	0,291
CHR5	28680527	CHR5:28680527	SSF x Near_LoA	-10,8562398	0,038	0,315
CHR5	28680555	CHR5:28680555	SSF x Near_LoA	-10,3153909	0,057	0,312
CHR5	28680574	CHR5:28680574	SSF x Near_LoA	-7,29586269	-0,023	0,323
CHR5	28680621	CHR5:28680621	SSF x Near_LoA	-7,72533759	0,154	0,309
CHR5	28680637	CHR5:28680637	SSF x Near_LoA	-9,50923865	-0,024	0,304
CHR5	28680645	CHR5:28680645	SSF x Near_LoA	-9,18614462	0,008	0,303

CHR5	28680647	CHR5:28680647	SSF x Near_LoA	-8,35926286	-0,030	0,312
CHR5	28680699	CHR5:28680699	SSF x Near_LoA	-7,28158708	-0,098	0,302
CHR5	28680734	CHR5:28680734	SSF x Near_LoA	-8,20983111	-0,081	0,307
CHR5	28680739	CHR5:28680739	SSF x Near_LoA	-7,23423415	-0,094	0,306
CHR5	28687687	CHR5:28687687	SSF x Near_LoA	-9,32390809	0,085	0,303
CHR5	28687735	CHR5:28687735	SSF x Near_LoA	-5,5733801	0,086	0,305
CHR5	28687771	CHR5:28687771	SSF x Near_LoA	-11,8926219	-0,086	0,297
CHR5	28687797	CHR5:28687797	SSF x Near_LoA	-5,05034956	-0,107	0,310
CHR5	28688001	CHR5:28688001	SSF x Near_LoA	-8,69948047	-0,003	0,309
CHR5	28696948	CHR5:28696948	SSF x Near_LoA	-11,349613	-0,050	0,317
CHR5	28697096	CHR5:28697096	SSF x Near_LoA	-11,2932032	0,031	0,303
CHR5	28699083	CHR5:28699083	SSF x Near_LoA	-4,70158177	-0,115	0,297
CHR5	28704167	CHR5:28704167	SSF x Near_LoA	-8,30740129	0,064	0,318
CHR5	28704299	CHR5:28704299	SSF x Near_LoA	-8,00154273	-0,054	0,301
CHR5	28704348	CHR5:28704348	SSF x Near_LoA	-10,5780267	0,009	0,301
CHR5	28707224	CHR5:28707224	SSF x Near_LoA	-9,0770863	0,087	0,301
CHR5	28707273	CHR5:28707273	SSF x Near_LoA	-11,2347816	0,004	0,307
CHR5	28707319	CHR5:28707319	SSF x Near_LoA	-9,55419109	0,061	0,308
CHR5	28718276	CHR5:28718276	SSF x Near_LoA	-10,0895339	0,005	0,314
CHR5	28718495	CHR5:28718495	SSF x Near_LoA	-11,2432185	0,000	0,309
CHR5	28718526	CHR5:28718526	SSF x Near_LoA	-5,43242989	0,088	0,305
CHR5	28722807	CHR5:28722807	SSF x Near_LoA	-7,26584443	-0,131	0,289
CHR5	28722965	CHR5:28722965	SSF x Near_LoA	-11,7743657	0,049	0,294
CHR5	28754596	CHR5:28754596	SSF x Near_LoA	-8,36587515	-0,071	0,315
CHR5	28757996	CHR5:28757996	SSF x Near_LoA	-8,91609867	-0,005	0,291
CHR5	28758019	CHR5:28758019	SSF x Near_LoA	-10,3709445	0,013	0,311
CHR5	28758123	CHR5:28758123	SSF x Near_LoA	-9,33924119	-0,112	0,309
CHR5	28761958	CHR5:28761958	SSF x Near_LoA	-3,35624087	-0,201	0,305
CHR5	28761966	CHR5:28761966	SSF x Near_LoA	-3,68051861	-0,185	0,318
CHR5	28761987	CHR5:28761987	SSF x Near_LoA	-6,33663074	-0,158	0,318
CHR5	28761988	CHR5:28761988	SSF x Near_LoA	-7,09367744	-0,174	0,297
CHR5	28761989	CHR5:28761989	SSF x Near_LoA	-5,98552263	-0,173	0,308
CHR5	28761990	CHR5:28761990	SSF x Near_LoA	-5,64586088	-0,197	0,300
CHR5	28762016	CHR5:28762016	SSF x Near_LoA	-4,83163546	-0,026	0,310
CHR5	28763969	CHR5:28763969	SSF x Near_LoA	-10,3304632	-0,032	0,303
CHR5	28764007	CHR5:28764007	SSF x Near_LoA	-10,6405725	0,047	0,297
CHR5	28764029	CHR5:28764029	SSF x Near_LoA	-9,04577164	-0,087	0,312
CHR5	28764047	CHR5:28764047	SSF x Near_LoA	-4,56725375	0,132	0,307
CHR5	28764099	CHR5:28764099	SSF x Near_LoA	-10,4353812	-0,019	0,316
CHR5	28764138	CHR5:28764138	SSF x Near_LoA	-8,23833862	0,066	0,319
CHR5	28764202	CHR5:28764202	SSF x Near_LoA	-12,4912431	-0,009	0,317
CHR5	28775825	CHR5:28775825	SSF x Near_LoA	-11,2915569	0,053	0,309
CHR5	2877806	CHR5:2877806	SSF x Near_LoA	-9,80528252	0,017	0,302
CHR5	28784064	CHR5:28784064	SSF x Near_LoA	-8,63746382	0,078	0,316
CHR5	28784114	CHR5:28784114	SSF x Near_LoA	-10,2026448	-0,021	0,304
CHR5	28785950	CHR5:28785950	SSF x Near_LoA	-10,0146662	0,079	0,305
CHR5	28785997	CHR5:28785997	SSF x Near_LoA	-11,9176385	-0,041	0,311
CHR5	2878941	CHR5:2878941	SSF x Near_LoA	-9,10232841	0,128	0,300
CHR5	28789421	CHR5:28789421	SSF x Near_LoA	-8,81934863	0,033	0,314
CHR5	28789449	CHR5:28789449	SSF x Near_LoA	-7,69202607	-0,078	0,307
CHR5	28789517	CHR5:28789517	SSF x Near_LoA	-9,26500162	0,044	0,314
CHR5	28791020	CHR5:28791020	SSF x Near_LoA	-9,36352771	-0,096	0,304
CHR5	28791056	CHR5:28791056	SSF x Near_LoA	-7,30992291	-0,060	0,292

CHR5	28791127	CHR5:28791127	SSF x Near_LoA	-11,8506657	0,096	0,292
CHR5	28808229	CHR5:28808229	SSF x Near_LoA	-6,65040895	-0,032	0,320
CHR5	28808267	CHR5:28808267	SSF x Near_LoA	-10,4370187	-0,120	0,307
CHR5	28814545	CHR5:28814545	SSF x Near_LoA	-9,18685812	-0,011	0,307
CHR5	28814774	CHR5:28814774	SSF x Near_LoA	-9,16309743	-0,065	0,313
CHR5	28826098	CHR5:28826098	SSF x Near_LoA	-10,5674756	-0,071	0,292
CHR5	28830937	CHR5:28830937	SSF x Near_LoA	-8,08419583	-0,132	0,289
CHR5	28830996	CHR5:28830996	SSF x Near_LoA	-10,9973732	-0,107	0,297
CHR5	28831023	CHR5:28831023	SSF x Near_LoA	-8,68553943	-0,063	0,315
CHR5	28831110	CHR5:28831110	SSF x Near_LoA	-9,50033708	-0,002	0,298
CHR5	2883991	CHR5:2883991	SSF x Near_LoA	-7,80971229	-0,114	0,308
CHR5	2884177	CHR5:2884177	SSF x Near_LoA	-6,50709337	-0,041	0,323
CHR5	28846204	CHR5:28846204	SSF x Near_LoA	-8,24047208	-0,046	0,321
CHR5	28846252	CHR5:28846252	SSF x Near_LoA	-6,67275123	0,079	0,326
CHR5	28846259	CHR5:28846259	SSF x Near_LoA	-5,61151557	0,027	0,299
CHR5	28846280	CHR5:28846280	SSF x Near_LoA	-7,9917872	0,078	0,306
CHR5	28857270	CHR5:28857270	SSF x Near_LoA	-8,72930394	-0,091	0,298
CHR5	28857329	CHR5:28857329	SSF x Near_LoA	-11,0427177	-0,030	0,302
CHR5	28857392	CHR5:28857392	SSF x Near_LoA	-9,12126165	0,047	0,308
CHR5	28857394	CHR5:28857394	SSF x Near_LoA	-9,16515746	0,084	0,314
CHR5	28857396	CHR5:28857396	SSF x Near_LoA	-9,20999595	0,044	0,309
CHR5	28857408	CHR5:28857408	SSF x Near_LoA	-10,9199149	-0,047	0,316
CHR5	28857755	CHR5:28857755	SSF x Near_LoA	-10,6820842	0,122	0,296
CHR5	28863464	CHR5:28863464	SSF x Near_LoA	-8,7996401	0,047	0,308
CHR5	28863571	CHR5:28863571	SSF x Near_LoA	-7,90038225	0,020	0,320
CHR5	28863595	CHR5:28863595	SSF x Near_LoA	-9,51762161	0,119	0,299
CHR5	28863685	CHR5:28863685	SSF x Near_LoA	-5,52978445	-0,115	0,310
CHR5	28866013	CHR5:28866013	SSF x Near_LoA	-8,78013481	-0,090	0,302
CHR5	28866136	CHR5:28866136	SSF x Near_LoA	-11,615525	0,015	0,303
CHR5	28867977	CHR5:28867977	SSF x Near_LoA	-7,24325042	0,108	0,301
CHR5	28868012	CHR5:28868012	SSF x Near_LoA	-10,491629	0,033	0,298
CHR5	28868015	CHR5:28868015	SSF x Near_LoA	-6,3002704	-0,129	0,308
CHR5	2887051	CHR5:2887051	SSF x Near_LoA	-10,1488127	-0,019	0,310
CHR5	28878273	CHR5:28878273	SSF x Near_LoA	-1,2016574	-0,025	0,307
CHR5	28889683	CHR5:28889683	SSF x Near_LoA	-8,68021123	0,173	0,302
CHR5	28889710	CHR5:28889710	SSF x Near_LoA	-10,1466475	-0,059	0,305
CHR5	28889751	CHR5:28889751	SSF x Near_LoA	-10,265933	0,059	0,280
CHR5	28889758	CHR5:28889758	SSF x Near_LoA	-8,69086399	-0,035	0,310
CHR5	28891174	CHR5:28891174	SSF x Near_LoA	-11,3630435	0,011	0,304
CHR5	28907783	CHR5:28907783	SSF x Near_LoA	-11,2162555	0,013	0,317
CHR5	28907857	CHR5:28907857	SSF x Near_LoA	-10,5909553	-0,061	0,312
CHR5	28907949	CHR5:28907949	SSF x Near_LoA	-10,11796	0,045	0,313
CHR5	28907974	CHR5:28907974	SSF x Near_LoA	-8,38860069	0,159	0,302
CHR5	28908009	CHR5:28908009	SSF x Near_LoA	-9,9124585	-0,048	0,300
CHR5	28912906	CHR5:28912906	SSF x Near_LoA	-8,51404833	0,148	0,292
CHR5	28912911	CHR5:28912911	SSF x Near_LoA	-9,0676875	0,150	0,304
CHR5	28912969	CHR5:28912969	SSF x Near_LoA	-10,9531083	0,100	0,298
CHR5	28913122	CHR5:28913122	SSF x Near_LoA	-7,66785682	-0,065	0,316
CHR5	28915430	CHR5:28915430	SSF x Near_LoA	-6,00904921	0,092	0,300
CHR5	28915456	CHR5:28915456	SSF x Near_LoA	-10,0952986	-0,098	0,315
CHR5	28915608	CHR5:28915608	SSF x Near_LoA	-11,2738941	-0,064	0,300
CHR5	28919585	CHR5:28919585	SSF x Near_LoA	-10,4232962	-0,043	0,304
CHR5	28919659	CHR5:28919659	SSF x Near_LoA	-8,11244683	-0,007	0,305

CHR5	28919666	CHR5:28919666	SSF x Near_LoA	-8,47300522	-0,058	0,318
CHR5	28922015	CHR5:28922015	SSF x Near_LoA	-9,83381341	-0,142	0,293
CHR5	28931423	CHR5:28931423	SSF x Near_LoA	-8,03408109	-0,135	0,290
CHR5	28931469	CHR5:28931469	SSF x Near_LoA	-6,92780011	-0,071	0,312
CHR5	28943643	CHR5:28943643	SSF x Near_LoA	-8,75755573	0,046	0,308
CHR5	28943656	CHR5:28943656	SSF x Near_LoA	-10,3486191	-0,032	0,309
CHR5	28949073	CHR5:28949073	SSF x Near_LoA	-11,1712978	-0,064	0,298
CHR5	28949075	CHR5:28949075	SSF x Near_LoA	-9,34441833	-0,089	0,307
CHR5	28949097	CHR5:28949097	SSF x Near_LoA	-9,13585566	-0,006	0,299
CHR5	28949144	CHR5:28949144	SSF x Near_LoA	-9,07482794	0,014	0,303
CHR5	28949158	CHR5:28949158	SSF x Near_LoA	-12,6108317	0,016	0,296
CHR5	28949177	CHR5:28949177	SSF x Near_LoA	-8,53938594	-0,095	0,306
CHR5	28949195	CHR5:28949195	SSF x Near_LoA	-3,29765721	-0,100	0,318
CHR5	28949212	CHR5:28949212	SSF x Near_LoA	-8,51905125	-0,069	0,320
CHR5	28949248	CHR5:28949248	SSF x Near_LoA	-8,04238039	-0,057	0,319
CHR5	28953325	CHR5:28953325	SSF x Near_LoA	-9,38421108	-0,016	0,312
CHR5	28958027	CHR5:28958027	SSF x Near_LoA	-10,2714067	0,088	0,308
CHR5	28958040	CHR5:28958040	SSF x Near_LoA	-11,3892016	-0,016	0,296
CHR5	28958070	CHR5:28958070	SSF x Near_LoA	-9,07980545	-0,009	0,298
CHR5	28958100	CHR5:28958100	SSF x Near_LoA	-10,1256834	-0,013	0,305
CHR5	28969815	CHR5:28969815	SSF x Near_LoA	-7,71042943	-0,103	0,295
CHR5	28980417	CHR5:28980417	SSF x Near_LoA	-7,30634869	-0,157	0,300
CHR5	28980479	CHR5:28980479	SSF x Near_LoA	-7,2592677	0,092	0,297
CHR5	28980488	CHR5:28980488	SSF x Near_LoA	-10,7922523	-0,004	0,305
CHR5	28980664	CHR5:28980664	SSF x Near_LoA	-4,19440535	-0,042	0,320
CHR5	28999834	CHR5:28999834	SSF x Near_LoA	-11,9026051	0,021	0,309
CHR5	28999926	CHR5:28999926	SSF x Near_LoA	-8,42129063	0,078	0,309
CHR5	28999994	CHR5:28999994	SSF x Near_LoA	-9,46874728	0,048	0,294
CHR5	29000024	CHR5:29000024	SSF x Near_LoA	-9,4078126	0,037	0,300
CHR5	29007769	CHR5:29007769	SSF x Near_LoA	-10,4508144	-0,071	0,324
CHR5	29007803	CHR5:29007803	SSF x Near_LoA	-9,26541106	0,110	0,304
CHR5	29007873	CHR5:29007873	SSF x Near_LoA	-8,04849923	-0,128	0,297
CHR5	29024540	CHR5:29024540	SSF x Near_LoA	-10,5028459	-0,041	0,304
CHR5	29024578	CHR5:29024578	SSF x Near_LoA	-11,9618298	0,017	0,304
CHR5	29024589	CHR5:29024589	SSF x Near_LoA	-5,75727654	0,002	0,300
CHR5	29024604	CHR5:29024604	SSF x Near_LoA	-11,3081253	0,059	0,316
CHR5	29025311	CHR5:29025311	SSF x Near_LoA	-9,50126947	0,013	0,294
CHR5	29035830	CHR5:29035830	SSF x Near_LoA	-4,64486561	-0,171	0,311
CHR5	29035839	CHR5:29035839	SSF x Near_LoA	-10,2981962	-0,070	0,312
CHR5	29035862	CHR5:29035862	SSF x Near_LoA	-8,50324617	-0,021	0,318
CHR5	29035864	CHR5:29035864	SSF x Near_LoA	-9,57869149	-0,149	0,307
CHR5	29035865	CHR5:29035865	SSF x Near_LoA	-8,7948279	-0,137	0,299
CHR5	29035876	CHR5:29035876	SSF x Near_LoA	-10,1778043	-0,010	0,302
CHR5	29035934	CHR5:29035934	SSF x Near_LoA	-4,00403713	-0,168	0,309
CHR5	29037341	CHR5:29037341	SSF x Near_LoA	-3,78170277	-0,088	0,307
CHR5	29037365	CHR5:29037365	SSF x Near_LoA	-10,7164572	-0,079	0,308
CHR5	2904487	CHR5:2904487	SSF x Near_LoA	-8,51554907	-0,054	0,301
CHR5	29057324	CHR5:29057324	SSF x Near_LoA	-8,52551769	-0,016	0,317
CHR5	29057348	CHR5:29057348	SSF x Near_LoA	-9,77247959	0,003	0,315
CHR5	29066424	CHR5:29066424	SSF x Near_LoA	-10,3835275	0,071	0,296
CHR5	29066434	CHR5:29066434	SSF x Near_LoA	-7,45376769	0,142	0,304
CHR5	29066435	CHR5:29066435	SSF x Near_LoA	-8,30352271	0,080	0,292
CHR5	29066438	CHR5:29066438	SSF x Near_LoA	-7,55907554	0,137	0,303

CHR5	29077586	CHR5:29077586	SSF x Near_LoA	-10,033749	0,041	0,320
CHR5	29077673	CHR5:29077673	SSF x Near_LoA	2,56000449	-0,117	0,306
CHR5	29077778	CHR5:29077778	SSF x Near_LoA	-10,0366263	0,018	0,309
CHR5	29088867	CHR5:29088867	SSF x Near_LoA	-9,30930542	0,008	0,297
CHR5	29088891	CHR5:29088891	SSF x Near_LoA	-10,7067011	0,053	0,304
CHR5	29088922	CHR5:29088922	SSF x Near_LoA	-8,01040803	-0,055	0,303
CHR5	29088949	CHR5:29088949	SSF x Near_LoA	-6,02616723	-0,129	0,291
CHR5	29089934	CHR5:29089934	SSF x Near_LoA	-11,7614916	-0,052	0,300
CHR5	29090014	CHR5:29090014	SSF x Near_LoA	-9,45481805	-0,022	0,302
CHR5	29091013	CHR5:29091013	SSF x Near_LoA	-8,26479924	-0,033	0,317
CHR5	29091053	CHR5:29091053	SSF x Near_LoA	-11,0095816	0,069	0,309
CHR5	29091096	CHR5:29091096	SSF x Near_LoA	-6,54466039	0,174	0,300
CHR5	29091210	CHR5:29091210	SSF x Near_LoA	-9,00986652	-0,023	0,315
CHR5	29095063	CHR5:29095063	SSF x Near_LoA	-11,4843664	-0,047	0,316
CHR5	29100729	CHR5:29100729	SSF x Near_LoA	-8,96195912	-0,046	0,295
CHR5	29100746	CHR5:29100746	SSF x Near_LoA	-9,53592176	-0,050	0,311
CHR5	29100819	CHR5:29100819	SSF x Near_LoA	-7,77868968	-0,055	0,309
CHR5	29100820	CHR5:29100820	SSF x Near_LoA	-9,5104916	0,019	0,308
CHR5	29100848	CHR5:29100848	SSF x Near_LoA	-6,25310485	-0,071	0,301
CHR5	29100917	CHR5:29100917	SSF x Near_LoA	-8,43950501	0,019	0,310
CHR5	29100945	CHR5:29100945	SSF x Near_LoA	-10,7348779	0,032	0,313
CHR5	29103227	CHR5:29103227	SSF x Near_LoA	-8,6064177	-0,034	0,308
CHR5	29110461	CHR5:29110461	SSF x Near_LoA	-8,6455493	-0,014	0,317
CHR5	29110703	CHR5:29110703	SSF x Near_LoA	-9,99485002	-0,071	0,306
CHR5	29115575	CHR5:29115575	SSF x Near_LoA	-9,30308253	-0,023	0,319
CHR5	29115603	CHR5:29115603	SSF x Near_LoA	-10,6044076	-0,005	0,294
CHR5	29120314	CHR5:29120314	SSF x Near_LoA	-10,1358763	-0,084	0,307
CHR5	29120459	CHR5:29120459	SSF x Near_LoA	-10,6591764	-0,022	0,310
CHR5	29120508	CHR5:29120508	SSF x Near_LoA	-6,47203932	-0,026	0,314
CHR5	29126328	CHR5:29126328	SSF x Near_LoA	-8,0951071	-0,142	0,297
CHR5	29126361	CHR5:29126361	SSF x Near_LoA	-9,19053114	-0,118	0,310
CHR5	29126365	CHR5:29126365	SSF x Near_LoA	-9,90088317	0,086	0,295
CHR5	29126373	CHR5:29126373	SSF x Near_LoA	-9,43375934	0,101	0,290
CHR5	29126468	CHR5:29126468	SSF x Near_LoA	-8,98569392	-0,009	0,319
CHR5	29132233	CHR5:29132233	SSF x Near_LoA	-7,43389249	-0,066	0,293
CHR5	29132255	CHR5:29132255	SSF x Near_LoA	-9,21812973	-0,003	0,306
CHR5	29132451	CHR5:29132451	SSF x Near_LoA	0,24039722	0,168	0,299
CHR5	29132479	CHR5:29132479	SSF x Near_LoA	-8,51193392	-0,115	0,300
CHR5	29146926	CHR5:29146926	SSF x Near_LoA	-9,72917775	0,150	0,308
CHR5	29147128	CHR5:29147128	SSF x Near_LoA	-8,1134215	-0,038	0,326
CHR5	29147170	CHR5:29147170	SSF x Near_LoA	-11,189636	0,004	0,299
CHR5	29147191	CHR5:29147191	SSF x Near_LoA	-8,12230233	-0,051	0,308
CHR5	29156955	CHR5:29156955	SSF x Near_LoA	-9,03393533	0,028	0,304
CHR5	29166933	CHR5:29166933	SSF x Near_LoA	-6,42208014	0,076	0,307
CHR5	29167047	CHR5:29167047	SSF x Near_LoA	-10,7971228	0,049	0,286
CHR5	29167120	CHR5:29167120	SSF x Near_LoA	-11,3341823	-0,001	0,316
CHR5	29172921	CHR5:29172921	SSF x Near_LoA	-0,13745349	0,085	0,317
CHR5	29177102	CHR5:29177102	SSF x Near_LoA	-9,47590449	0,080	0,311
CHR5	29177125	CHR5:29177125	SSF x Near_LoA	-7,67508411	0,152	0,306
CHR5	29177140	CHR5:29177140	SSF x Near_LoA	-9,40395739	0,020	0,314
CHR5	29177150	CHR5:29177150	SSF x Near_LoA	-9,48588899	-0,029	0,313
CHR5	29177202	CHR5:29177202	SSF x Near_LoA	-8,86208629	-0,019	0,299
CHR5	29177214	CHR5:29177214	SSF x Near_LoA	-11,5289051	-0,023	0,313

CHR5	29177226	CHR5:29177226	SSF x Near_LoA	-9,55624271	0,017	0,297
CHR5	29177229	CHR5:29177229	SSF x Near_LoA	-5,50768365	0,133	0,296
CHR5	29177246	CHR5:29177246	SSF x Near_LoA	-8,15731568	0,106	0,300
CHR5	29177293	CHR5:29177293	SSF x Near_LoA	2,85266471	-0,144	0,296
CHR5	29177309	CHR5:29177309	SSF x Near_LoA	-8,10950528	0,057	0,323
CHR5	29186187	CHR5:29186187	SSF x Near_LoA	-10,3033687	0,077	0,315
CHR5	29186195	CHR5:29186195	SSF x Near_LoA	-10,5528749	0,045	0,298
CHR5	29186297	CHR5:29186297	SSF x Near_LoA	-9,84217096	-0,116	0,305
CHR5	29186328	CHR5:29186328	SSF x Near_LoA	-7,15411848	0,147	0,311
CHR5	29186347	CHR5:29186347	SSF x Near_LoA	-6,76248523	0,011	0,303
CHR5	29186389	CHR5:29186389	SSF x Near_LoA	-5,69414169	-0,218	0,292
CHR5	29206758	CHR5:29206758	SSF x Near_LoA	-9,15467879	0,010	0,321
CHR5	29206785	CHR5:29206785	SSF x Near_LoA	-7,78001591	0,054	0,310
CHR5	29206880	CHR5:29206880	SSF x Near_LoA	-10,0730412	0,010	0,331
CHR5	29211841	CHR5:29211841	SSF x Near_LoA	-9,59122082	0,041	0,312
CHR5	29211957	CHR5:29211957	SSF x Near_LoA	-8,55530015	0,089	0,309
CHR5	29215363	CHR5:29215363	SSF x Near_LoA	-11,2343451	0,012	0,295
CHR5	29215529	CHR5:29215529	SSF x Near_LoA	-10,1930933	0,018	0,294
CHR5	29215560	CHR5:29215560	SSF x Near_LoA	-8,54572001	0,183	0,301
CHR5	29220754	CHR5:29220754	SSF x Near_LoA	-10,6306727	0,038	0,315
CHR5	29220802	CHR5:29220802	SSF x Near_LoA	-8,20132118	-0,082	0,315
CHR5	29221072	CHR5:29221072	SSF x Near_LoA	-11,4091669	0,060	0,303
CHR5	29223587	CHR5:29223587	SSF x Near_LoA	-10,6100381	-0,031	0,308
CHR5	29223589	CHR5:29223589	SSF x Near_LoA	-10,1585543	0,138	0,296
CHR5	29229375	CHR5:29229375	SSF x Near_LoA	-7,51113605	0,103	0,314
CHR5	29242598	CHR5:29242598	SSF x Near_LoA	-7,64843115	0,120	0,302
CHR5	29247435	CHR5:29247435	SSF x Near_LoA	-10,3465323	0,044	0,322
CHR5	29247477	CHR5:29247477	SSF x Near_LoA	-2,45063761	-0,096	0,308
CHR5	29247531	CHR5:29247531	SSF x Near_LoA	-8,48051774	-0,084	0,307
CHR5	29247553	CHR5:29247553	SSF x Near_LoA	-9,61924882	0,100	0,309
CHR5	29247565	CHR5:29247565	SSF x Near_LoA	-7,73125628	-0,051	0,304
CHR5	29249476	CHR5:29249476	SSF x Near_LoA	-10,5761345	0,071	0,289
CHR5	29253682	CHR5:29253682	SSF x Near_LoA	-9,62688798	-0,014	0,301
CHR5	29253802	CHR5:29253802	SSF x Near_LoA	-5,24055792	0,117	0,298
CHR5	29253818	CHR5:29253818	SSF x Near_LoA	-9,45326068	-0,016	0,296
CHR5	29253834	CHR5:29253834	SSF x Near_LoA	-9,89506191	-0,027	0,291
CHR5	29264604	CHR5:29264604	SSF x Near_LoA	-7,90141041	-0,110	0,314
CHR5	29264683	CHR5:29264683	SSF x Near_LoA	-9,6542303	-0,055	0,320
CHR5	29269346	CHR5:29269346	SSF x Near_LoA	7,36784019	0,053	0,316
CHR5	29276355	CHR5:29276355	SSF x Near_LoA	-11,9021617	0,024	0,300
CHR5	29276486	CHR5:29276486	SSF x Near_LoA	-10,058963	0,062	0,306
CHR5	29290967	CHR5:29290967	SSF x Near_LoA	-10,56904	-0,036	0,314
CHR5	29290969	CHR5:29290969	SSF x Near_LoA	-7,79243475	-0,137	0,288
CHR5	29291016	CHR5:29291016	SSF x Near_LoA	-9,7572388	0,098	0,312
CHR5	29291051	CHR5:29291051	SSF x Near_LoA	-10,6670279	-0,103	0,294
CHR5	29307058	CHR5:29307058	SSF x Near_LoA	-7,64955944	-0,204	0,290
CHR5	29307169	CHR5:29307169	SSF x Near_LoA	-10,6967521	0,097	0,306
CHR5	29309063	CHR5:29309063	SSF x Near_LoA	-10,9681441	-0,008	0,302
CHR5	29309080	CHR5:29309080	SSF x Near_LoA	-9,15850839	-0,001	0,319
CHR5	29309095	CHR5:29309095	SSF x Near_LoA	-8,22567193	-0,082	0,321
CHR5	29311452	CHR5:29311452	SSF x Near_LoA	-8,23368573	0,018	0,303
CHR5	29311463	CHR5:29311463	SSF x Near_LoA	-9,26263073	-0,015	0,299
CHR5	29312152	CHR5:29312152	SSF x Near_LoA	-9,18770058	-0,099	0,305

CHR5	29323568	CHR5:29323568	SSF x Near_LoA	-9,09979438	0,025	0,304
CHR5	29323589	CHR5:29323589	SSF x Near_LoA	-9,40491172	0,033	0,304
CHR5	29323594	CHR5:29323594	SSF x Near_LoA	-9,13827009	-0,010	0,314
CHR5	29323655	CHR5:29323655	SSF x Near_LoA	-6,58824424	0,195	0,281
CHR5	29323664	CHR5:29323664	SSF x Near_LoA	-7,98027542	0,100	0,300
CHR5	29323774	CHR5:29323774	SSF x Near_LoA	-10,2149026	-0,095	0,312
CHR5	29331886	CHR5:29331886	SSF x Near_LoA	-8,48584532	0,019	0,307
CHR5	29331916	CHR5:29331916	SSF x Near_LoA	-10,0520627	-0,019	0,305
CHR5	29332602	CHR5:29332602	SSF x Near_LoA	-11,9666535	-0,019	0,306
CHR5	29332642	CHR5:29332642	SSF x Near_LoA	-10,3862367	0,018	0,325
CHR5	29349531	CHR5:29349531	SSF x Near_LoA	-5,46783589	-0,060	0,316
CHR5	29349894	CHR5:29349894	SSF x Near_LoA	-9,13648577	0,090	0,316
CHR5	29382833	CHR5:29382833	SSF x Near_LoA	-10,4409602	0,072	0,303
CHR5	29382927	CHR5:29382927	SSF x Near_LoA	-5,5969684	0,009	0,312
CHR5	29382991	CHR5:29382991	SSF x Near_LoA	-8,58626798	0,021	0,311
CHR5	29383008	CHR5:29383008	SSF x Near_LoA	-8,68414672	-0,036	0,312
CHR5	29385657	CHR5:29385657	SSF x Near_LoA	-10,3775632	-0,094	0,303
CHR5	29390381	CHR5:29390381	SSF x Near_LoA	-10,4521419	0,045	0,310
CHR5	29390640	CHR5:29390640	SSF x Near_LoA	-7,77213176	0,113	0,304
CHR5	29393899	CHR5:29393899	SSF x Near_LoA	-8,88128832	0,057	0,305
CHR5	29398753	CHR5:29398753	SSF x Near_LoA	-6,72392487	-0,093	0,304
CHR5	29398909	CHR5:29398909	SSF x Near_LoA	-10,7658978	-0,032	0,313
CHR5	29398980	CHR5:29398980	SSF x Near_LoA	-6,92649181	-0,188	0,301
CHR5	29399016	CHR5:29399016	SSF x Near_LoA	-10,0699238	-0,072	0,300
CHR5	29401890	CHR5:29401890	SSF x Near_LoA	-7,38434087	-0,143	0,315
CHR5	29401904	CHR5:29401904	SSF x Near_LoA	-10,1275147	0,027	0,320
CHR5	29407649	CHR5:29407649	SSF x Near_LoA	-10,101958	0,014	0,298
CHR5	29407683	CHR5:29407683	SSF x Near_LoA	-9,58728769	-0,025	0,308
CHR5	29407721	CHR5:29407721	SSF x Near_LoA	-5,8693594	0,215	0,303
CHR5	29407735	CHR5:29407735	SSF x Near_LoA	-6,44025095	-0,161	0,300
CHR5	29407743	CHR5:29407743	SSF x Near_LoA	-8,10933985	-0,132	0,318
CHR5	29407766	CHR5:29407766	SSF x Near_LoA	-10,9315218	0,053	0,299
CHR5	29407796	CHR5:29407796	SSF x Near_LoA	-9,21007041	-0,141	0,300
CHR5	29407813	CHR5:29407813	SSF x Near_LoA	-3,94247664	0,239	0,302
CHR5	29407821	CHR5:29407821	SSF x Near_LoA	-8,12187134	-0,156	0,292
CHR5	29407825	CHR5:29407825	SSF x Near_LoA	-7,28560837	0,167	0,306
CHR5	29407831	CHR5:29407831	SSF x Near_LoA	-7,68702463	0,124	0,305
CHR5	29421159	CHR5:29421159	SSF x Near_LoA	-10,1209289	0,006	0,312
CHR5	29426654	CHR5:29426654	SSF x Near_LoA	-7,49152744	0,121	0,304
CHR5	2942874	CHR5:2942874	SSF x Near_LoA	-8,29557265	0,127	0,290
CHR5	2942875	CHR5:2942875	SSF x Near_LoA	-5,3199724	0,021	0,290
CHR5	2942904	CHR5:2942904	SSF x Near_LoA	-9,39781869	-0,038	0,314
CHR5	29431291	CHR5:29431291	SSF x Near_LoA	-10,8682239	-0,036	0,322
CHR5	29431381	CHR5:29431381	SSF x Near_LoA	-6,79620102	0,063	0,316
CHR5	29431415	CHR5:29431415	SSF x Near_LoA	-8,68738902	0,079	0,311
CHR5	29431904	CHR5:29431904	SSF x Near_LoA	-8,92208709	0,089	0,281
CHR5	29431917	CHR5:29431917	SSF x Near_LoA	-11,027076	-0,040	0,323
CHR5	29435098	CHR5:29435098	SSF x Near_LoA	-7,84535246	-0,017	0,315
CHR5	29435133	CHR5:29435133	SSF x Near_LoA	-10,0185192	-0,041	0,314
CHR5	29435143	CHR5:29435143	SSF x Near_LoA	-8,59802931	0,025	0,305
CHR5	29435189	CHR5:29435189	SSF x Near_LoA	-9,19165686	0,097	0,308
CHR5	29452769	CHR5:29452769	SSF x Near_LoA	-9,26258493	0,134	0,286
CHR5	29452787	CHR5:29452787	SSF x Near_LoA	-8,71933576	0,032	0,303

CHR5	29452818	CHR5:29452818	SSF x Near_LoA	-11,3213751	-0,012	0,309
CHR5	29452840	CHR5:29452840	SSF x Near_LoA	-10,0850642	0,024	0,288
CHR5	29459226	CHR5:29459226	SSF x Near_LoA	-9,87396344	-0,017	0,325
CHR5	29459437	CHR5:29459437	SSF x Near_LoA	-9,10659885	0,020	0,311
CHR5	29465489	CHR5:29465489	SSF x Near_LoA	-6,94128701	-0,084	0,300
CHR5	29466828	CHR5:29466828	SSF x Near_LoA	-10,8143691	0,038	0,315
CHR5	2946792	CHR5:2946792	SSF x Near_LoA	-10,3176612	0,011	0,332
CHR5	2946879	CHR5:2946879	SSF x Near_LoA	-8,65759592	0,055	0,314
CHR5	2946914	CHR5:2946914	SSF x Near_LoA	-9,78413896	-0,109	0,314
CHR5	29470078	CHR5:29470078	SSF x Near_LoA	-11,4186263	0,027	0,307
CHR5	29488552	CHR5:29488552	SSF x Near_LoA	-7,08257919	-0,100	0,303
CHR5	29488557	CHR5:29488557	SSF x Near_LoA	-7,69122583	0,127	0,314
CHR5	29488574	CHR5:29488574	SSF x Near_LoA	-9,00313385	0,006	0,317
CHR5	29488656	CHR5:29488656	SSF x Near_LoA	-10,2814483	-0,065	0,316
CHR5	29488866	CHR5:29488866	SSF x Near_LoA	-10,2086798	0,049	0,299
CHR5	29493925	CHR5:29493925	SSF x Near_LoA	-11,2565966	0,036	0,300
CHR5	29493949	CHR5:29493949	SSF x Near_LoA	-4,56501842	0,133	0,312
CHR5	29493954	CHR5:29493954	SSF x Near_LoA	-4,38874939	-0,084	0,312
CHR5	29493973	CHR5:29493973	SSF x Near_LoA	-10,479779	-0,148	0,286
CHR5	29495133	CHR5:29495133	SSF x Near_LoA	-10,7115456	0,024	0,279
CHR5	29495198	CHR5:29495198	SSF x Near_LoA	-8,59996823	-0,133	0,308
CHR5	29495219	CHR5:29495219	SSF x Near_LoA	-10,1053144	-0,054	0,298
CHR5	2950683	CHR5:2950683	SSF x Near_LoA	-9,39173944	0,007	0,295
CHR5	2950709	CHR5:2950709	SSF x Near_LoA	-8,65227153	0,041	0,294
CHR5	2950718	CHR5:2950718	SSF x Near_LoA	-7,81380421	-0,091	0,311
CHR5	2950913	CHR5:2950913	SSF x Near_LoA	-10,7241949	-0,072	0,302
CHR5	2953154	CHR5:2953154	SSF x Near_LoA	-9,24879103	0,019	0,315
CHR5	2953416	CHR5:2953416	SSF x Near_LoA	-7,7099384	0,016	0,318
CHR5	3E+07	CHR5:29535550	SSF x Near_LoA	-9,48490001	-0,057	0,318
CHR5	3E+07	CHR5:29535598	SSF x Near_LoA	-9,98882262	-0,080	0,309
CHR5	3E+07	CHR5:29553310	SSF x Near_LoA	-7,32096089	0,070	0,315
CHR5	3E+07	CHR5:29553317	SSF x Near_LoA	-8,05447449	0,054	0,314
CHR5	3E+07	CHR5:29553325	SSF x Near_LoA	-7,19427138	0,134	0,296
CHR5	3E+07	CHR5:29553343	SSF x Near_LoA	-9,17800053	0,023	0,322
CHR5	3E+07	CHR5:29553348	SSF x Near_LoA	-11,0901255	-0,009	0,313
CHR5	3E+07	CHR5:29557408	SSF x Near_LoA	-10,9189637	0,070	0,325
CHR5	3E+07	CHR5:29557478	SSF x Near_LoA	-7,59851549	0,139	0,302
CHR5	2955916	CHR5:2955916	SSF x Near_LoA	-7,68593998	0,117	0,310
CHR5	2955960	CHR5:2955960	SSF x Near_LoA	-9,72528223	0,023	0,321
CHR5	3E+07	CHR5:29571619	SSF x Near_LoA	-7,75676231	0,205	0,294
CHR5	3E+07	CHR5:29571669	SSF x Near_LoA	-10,8975884	0,022	0,311
CHR5	3E+07	CHR5:29571682	SSF x Near_LoA	-7,01528741	-0,115	0,320
CHR5	3E+07	CHR5:29573661	SSF x Near_LoA	-8,89990677	-0,057	0,304
CHR5	3E+07	CHR5:29573742	SSF x Near_LoA	-10,8586962	-0,046	0,314
CHR5	3E+07	CHR5:29573744	SSF x Near_LoA	-10,1688785	-0,080	0,317
CHR5	3E+07	CHR5:29573757	SSF x Near_LoA	-10,4380121	0,024	0,313
CHR5	3E+07	CHR5:29573797	SSF x Near_LoA	-8,83126234	0,037	0,291
CHR5	3E+07	CHR5:29573801	SSF x Near_LoA	-7,31973169	0,161	0,305
CHR5	3E+07	CHR5:29573804	SSF x Near_LoA	-9,40217879	-0,079	0,312
CHR5	3E+07	CHR5:29573816	SSF x Near_LoA	-8,75250987	-0,095	0,307
CHR5	3E+07	CHR5:29573829	SSF x Near_LoA	-11,7798489	0,016	0,302
CHR5	2959305	CHR5:2959305	SSF x Near_LoA	-9,9098182	-0,092	0,315
CHR5	2959410	CHR5:2959410	SSF x Near_LoA	-8,13493775	0,140	0,297

CHR5	3E+07	CHR5:29594445	SSF x Near_LoA	-10,4588919	0,049	0,312
CHR5	3E+07	CHR5:29594473	SSF x Near_LoA	-10,3599159	-0,013	0,299
CHR5	3E+07	CHR5:29602369	SSF x Near_LoA	-10,388086	0,120	0,313
CHR5	3E+07	CHR5:29603198	SSF x Near_LoA	-5,12588147	0,034	0,305
CHR5	3E+07	CHR5:29603265	SSF x Near_LoA	-6,76746323	0,158	0,298
CHR5	2960403	CHR5:2960403	SSF x Near_LoA	-11,5910169	0,016	0,313
CHR5	3E+07	CHR5:29604052	SSF x Near_LoA	-11,2337822	-0,073	0,301
CHR5	3E+07	CHR5:29604505	SSF x Near_LoA	-8,8067877	0,026	0,308
CHR5	3E+07	CHR5:29604513	SSF x Near_LoA	-8,45204701	0,042	0,294
CHR5	3E+07	CHR5:29606321	SSF x Near_LoA	-9,32186266	0,072	0,312
CHR5	3E+07	CHR5:29606336	SSF x Near_LoA	-10,1362195	0,061	0,315
CHR5	3E+07	CHR5:29606372	SSF x Near_LoA	-11,8660517	-0,065	0,302
CHR5	3E+07	CHR5:29606395	SSF x Near_LoA	-10,5666856	-0,069	0,304
CHR5	2960832	CHR5:2960832	SSF x Near_LoA	-10,4219636	0,095	0,308
CHR5	3E+07	CHR5:29615111	SSF x Near_LoA	-9,56141681	-0,020	0,321
CHR5	3E+07	CHR5:29615146	SSF x Near_LoA	-10,3175656	0,050	0,296
CHR5	3E+07	CHR5:29615227	SSF x Near_LoA	-8,83968934	0,021	0,296
CHR5	3E+07	CHR5:29615418	SSF x Near_LoA	-7,92272966	0,100	0,310
CHR5	3E+07	CHR5:29619915	SSF x Near_LoA	-10,8048339	0,024	0,314
CHR5	3E+07	CHR5:29619946	SSF x Near_LoA	-9,26838921	0,057	0,296
CHR5	3E+07	CHR5:29619954	SSF x Near_LoA	-7,99018934	-0,063	0,311
CHR5	3E+07	CHR5:29619965	SSF x Near_LoA	-7,38361958	-0,124	0,303
CHR5	3E+07	CHR5:29619967	SSF x Near_LoA	-5,30733948	-0,180	0,300
CHR5	3E+07	CHR5:29619988	SSF x Near_LoA	-7,91227291	-0,119	0,300
CHR5	3E+07	CHR5:29620000	SSF x Near_LoA	-9,68365582	0,088	0,299
CHR5	3E+07	CHR5:29620012	SSF x Near_LoA	-10,1553763	0,045	0,309
CHR5	3E+07	CHR5:29620026	SSF x Near_LoA	-9,20770626	-0,027	0,306
CHR5	3E+07	CHR5:29620091	SSF x Near_LoA	-9,72194635	-0,098	0,306
CHR5	3E+07	CHR5:29620115	SSF x Near_LoA	-11,0850647	-0,049	0,297
CHR5	3E+07	CHR5:29620123	SSF x Near_LoA	-9,01416156	-0,036	0,313
CHR5	2962281	CHR5:2962281	SSF x Near_LoA	-6,50385214	-0,089	0,304
CHR5	2962334	CHR5:2962334	SSF x Near_LoA	-8,0225012	0,026	0,308
CHR5	2962335	CHR5:2962335	SSF x Near_LoA	-11,0879096	-0,011	0,328
CHR5	3E+07	CHR5:29626039	SSF x Near_LoA	-10,6488223	-0,062	0,317
CHR5	3E+07	CHR5:29626119	SSF x Near_LoA	-10,7942608	0,111	0,297
CHR5	3E+07	CHR5:29638479	SSF x Near_LoA	-10,1839824	0,015	0,300
CHR5	3E+07	CHR5:29638742	SSF x Near_LoA	-11,742655	0,003	0,300
CHR5	3E+07	CHR5:29646485	SSF x Near_LoA	-8,98198847	-0,037	0,315
CHR5	3E+07	CHR5:29646541	SSF x Near_LoA	-10,2623172	0,059	0,305
CHR5	3E+07	CHR5:29646633	SSF x Near_LoA	-9,68429833	0,035	0,306
CHR5	3E+07	CHR5:29646651	SSF x Near_LoA	-10,0642708	0,130	0,288
CHR5	3E+07	CHR5:29650699	SSF x Near_LoA	-10,4615898	-0,020	0,303
CHR5	3E+07	CHR5:29658911	SSF x Near_LoA	-11,5893731	0,081	0,309
CHR5	3E+07	CHR5:29659416	SSF x Near_LoA	-10,4743045	0,064	0,296
CHR5	3E+07	CHR5:29672286	SSF x Near_LoA	-9,88895215	-0,013	0,308
CHR5	3E+07	CHR5:29672303	SSF x Near_LoA	-10,7319768	-0,040	0,305
CHR5	3E+07	CHR5:29672353	SSF x Near_LoA	-9,16238479	0,029	0,310
CHR5	3E+07	CHR5:29678021	SSF x Near_LoA	-10,474609	-0,047	0,306
CHR5	3E+07	CHR5:29678152	SSF x Near_LoA	-5,88504808	0,145	0,294
CHR5	2968125	CHR5:2968125	SSF x Near_LoA	-8,91565019	0,085	0,296
CHR5	2968158	CHR5:2968158	SSF x Near_LoA	-10,4361615	0,034	0,308
CHR5	2968165	CHR5:2968165	SSF x Near_LoA	-8,43769422	-0,089	0,313
CHR5	3E+07	CHR5:29686281	SSF x Near_LoA	-8,71704796	-0,045	0,323

CHR5	3E+07	CHR5:29686297	SSF x Near_LoA	-8,98142133	0,132	0,324
CHR5	3E+07	CHR5:29686327	SSF x Near_LoA	-9,22067084	-0,014	0,301
CHR5	3E+07	CHR5:29686352	SSF x Near_LoA	-7,37931741	0,196	0,291
CHR5	3E+07	CHR5:29686378	SSF x Near_LoA	-7,37460574	-0,032	0,310
CHR5	3E+07	CHR5:29686408	SSF x Near_LoA	-9,30311911	-0,122	0,284
CHR5	3E+07	CHR5:29686481	SSF x Near_LoA	-9,60465283	0,004	0,307
CHR5	3E+07	CHR5:29692380	SSF x Near_LoA	-10,9461345	0,084	0,308
CHR5	3E+07	CHR5:29692393	SSF x Near_LoA	-8,52227154	0,020	0,308
CHR5	3E+07	CHR5:29692399	SSF x Near_LoA	-9,81848004	0,069	0,302
CHR5	3E+07	CHR5:29692439	SSF x Near_LoA	-8,50653251	-0,134	0,293
CHR5	3E+07	CHR5:29692466	SSF x Near_LoA	-8,56248269	-0,096	0,304
CHR5	3E+07	CHR5:29692477	SSF x Near_LoA	-8,99530412	0,085	0,320
CHR5	3E+07	CHR5:29697893	SSF x Near_LoA	-10,6441458	0,026	0,312
CHR5	3E+07	CHR5:29697999	SSF x Near_LoA	-8,32397929	0,072	0,299
CHR5	3E+07	CHR5:29711211	SSF x Near_LoA	-9,54567495	-0,030	0,310
CHR5	3E+07	CHR5:29711449	SSF x Near_LoA	-10,0467493	-0,039	0,309
CHR5	3E+07	CHR5:29727800	SSF x Near_LoA	-10,6222765	0,106	0,310
CHR5	3E+07	CHR5:29727802	SSF x Near_LoA	-9,64050123	-0,062	0,295
CHR5	3E+07	CHR5:29727944	SSF x Near_LoA	-8,29735142	0,116	0,295
CHR5	3E+07	CHR5:29728008	SSF x Near_LoA	-11,3936714	-0,052	0,304
CHR5	3E+07	CHR5:29732493	SSF x Near_LoA	-9,89579891	-0,062	0,304
CHR5	3E+07	CHR5:29732536	SSF x Near_LoA	-11,2444975	0,056	0,301
CHR5	3E+07	CHR5:29742697	SSF x Near_LoA	-10,6485941	0,018	0,287
CHR5	3E+07	CHR5:29742761	SSF x Near_LoA	-10,6544007	0,072	0,307
CHR5	3E+07	CHR5:29742766	SSF x Near_LoA	-11,7124866	-0,014	0,296
CHR5	3E+07	CHR5:29742792	SSF x Near_LoA	-8,8481301	-0,082	0,313
CHR5	3E+07	CHR5:29742869	SSF x Near_LoA	-9,71791315	-0,078	0,312
CHR5	3E+07	CHR5:29753053	SSF x Near_LoA	-10,3663188	-0,037	0,314
CHR5	3E+07	CHR5:29753160	SSF x Near_LoA	-8,59564259	-0,176	0,293
CHR5	3E+07	CHR5:29763639	SSF x Near_LoA	-8,66842148	0,055	0,297
CHR5	3E+07	CHR5:29763688	SSF x Near_LoA	-11,1843898	0,033	0,311
CHR5	3E+07	CHR5:29763770	SSF x Near_LoA	-8,67814125	0,035	0,316
CHR5	3E+07	CHR5:29764129	SSF x Near_LoA	-7,61681064	-0,074	0,305
CHR5	3E+07	CHR5:29764170	SSF x Near_LoA	-10,6668118	-0,081	0,306
CHR5	3E+07	CHR5:29773204	SSF x Near_LoA	-8,29772364	-0,087	0,313
CHR5	2978147	CHR5:2978147	SSF x Near_LoA	-9,41944543	-0,120	0,312
CHR5	2978260	CHR5:2978260	SSF x Near_LoA	-10,4470668	-0,083	0,308
CHR5	2978264	CHR5:2978264	SSF x Near_LoA	-10,3228859	-0,079	0,317
CHR5	3E+07	CHR5:29783770	SSF x Near_LoA	-10,920281	0,076	0,294
CHR5	3E+07	CHR5:29783783	SSF x Near_LoA	-9,93842289	0,068	0,306
CHR5	3E+07	CHR5:29783826	SSF x Near_LoA	-8,3829755	0,141	0,312
CHR5	2978688	CHR5:2978688	SSF x Near_LoA	-10,700216	-0,063	0,303
CHR5	2979316	CHR5:2979316	SSF x Near_LoA	-5,06602271	-0,003	0,311
CHR5	3E+07	CHR5:29794709	SSF x Near_LoA	-8,05495401	0,059	0,308
CHR5	3E+07	CHR5:29794771	SSF x Near_LoA	-7,85086454	-0,015	0,298
CHR5	3E+07	CHR5:29794804	SSF x Near_LoA	-10,510079	0,028	0,314
CHR5	3E+07	CHR5:29794835	SSF x Near_LoA	-11,6754632	0,022	0,306
CHR5	3E+07	CHR5:29794959	SSF x Near_LoA	-10,8657883	-0,009	0,312
CHR5	3E+07	CHR5:29795084	SSF x Near_LoA	-11,6609163	-0,015	0,303
CHR5	2980308	CHR5:2980308	SSF x Near_LoA	-7,23020179	-0,128	0,312
CHR5	3E+07	CHR5:29814208	SSF x Near_LoA	-8,33450546	-0,014	0,290
CHR5	3E+07	CHR5:29814250	SSF x Near_LoA	-8,83150953	-0,010	0,300
CHR5	3E+07	CHR5:29814814	SSF x Near_LoA	-10,6717646	-0,039	0,298

CHR5	3E+07	CHR5:29814818	SSF x Near_LoA	-10,5660944	-0,013	0,309
CHR5	3E+07	CHR5:29814857	SSF x Near_LoA	-11,0278738	-0,004	0,308
CHR5	3E+07	CHR5:29814879	SSF x Near_LoA	-9,21472168	-0,043	0,309
CHR5	3E+07	CHR5:29830373	SSF x Near_LoA	-6,14557118	0,091	0,308
CHR5	3E+07	CHR5:29830410	SSF x Near_LoA	-10,7423444	-0,106	0,317
CHR5	3E+07	CHR5:29833386	SSF x Near_LoA	-9,32126179	0,079	0,310
CHR5	3E+07	CHR5:29846751	SSF x Near_LoA	-9,07647989	-0,134	0,307
CHR5	3E+07	CHR5:29846810	SSF x Near_LoA	-1,43727589	-0,042	0,320
CHR5	3E+07	CHR5:29857677	SSF x Near_LoA	-7,63609546	0,132	0,309
CHR5	3E+07	CHR5:29864094	SSF x Near_LoA	-7,14981263	0,020	0,302
CHR5	3E+07	CHR5:29877853	SSF x Near_LoA	-10,5109916	-0,097	0,315
CHR5	3E+07	CHR5:29889450	SSF x Near_LoA	-11,1773062	-0,057	0,302
CHR5	3E+07	CHR5:29891384	SSF x Near_LoA	-10,0157344	-0,041	0,304
CHR5	2989922	CHR5:2989922	SSF x Near_LoA	-10,6038049	-0,016	0,324
CHR5	2990337	CHR5:2990337	SSF x Near_LoA	-10,7202387	0,088	0,305
CHR5	2990340	CHR5:2990340	SSF x Near_LoA	-6,9513839	0,032	0,300
CHR5	2990378	CHR5:2990378	SSF x Near_LoA	-8,37613426	0,070	0,313
CHR5	2990414	CHR5:2990414	SSF x Near_LoA	-1,94447071	-0,037	0,304
CHR5	2990441	CHR5:2990441	SSF x Near_LoA	-9,7329098	-0,048	0,303
CHR5	3E+07	CHR5:29904615	SSF x Near_LoA	-11,5000366	0,087	0,303
CHR5	3E+07	CHR5:29904638	SSF x Near_LoA	-10,612859	0,058	0,307
CHR5	3E+07	CHR5:29904776	SSF x Near_LoA	-9,320472	-0,020	0,311
CHR5	3E+07	CHR5:29904815	SSF x Near_LoA	-9,28438227	0,040	0,319
CHR5	3E+07	CHR5:29908434	SSF x Near_LoA	-7,19865451	-0,088	0,296
CHR5	3E+07	CHR5:29908439	SSF x Near_LoA	-7,73469114	-0,007	0,313
CHR5	2991502	CHR5:2991502	SSF x Near_LoA	-10,5022301	-0,104	0,296
CHR5	2991594	CHR5:2991594	SSF x Near_LoA	-9,28033644	-0,014	0,317
CHR5	2991623	CHR5:2991623	SSF x Near_LoA	-9,9303353	-0,054	0,317
CHR5	2991703	CHR5:2991703	SSF x Near_LoA	-6,39687632	0,166	0,305
CHR5	3E+07	CHR5:29917064	SSF x Near_LoA	-8,25049067	-0,019	0,310
CHR5	3E+07	CHR5:29917141	SSF x Near_LoA	-8,23865173	0,036	0,310
CHR5	3E+07	CHR5:29917217	SSF x Near_LoA	-9,94249651	0,147	0,294
CHR5	3E+07	CHR5:29917255	SSF x Near_LoA	-8,7335152	0,106	0,309
CHR5	3E+07	CHR5:29919357	SSF x Near_LoA	-10,6838082	0,064	0,314
CHR5	3E+07	CHR5:29919368	SSF x Near_LoA	-9,81793679	-0,015	0,305
CHR5	3E+07	CHR5:29919462	SSF x Near_LoA	-8,24184487	0,018	0,310
CHR5	3E+07	CHR5:29919594	SSF x Near_LoA	-8,25419689	0,102	0,302
CHR5	3E+07	CHR5:29925685	SSF x Near_LoA	-8,97245721	0,136	0,292
CHR5	3E+07	CHR5:29925691	SSF x Near_LoA	-9,85736252	0,043	0,308
CHR5	3E+07	CHR5:29925770	SSF x Near_LoA	-4,25305632	0,044	0,299
CHR5	3E+07	CHR5:29925987	SSF x Near_LoA	-1,01823212	0,186	0,292
CHR5	3E+07	CHR5:29926051	SSF x Near_LoA	-7,7221329	0,057	0,314
CHR5	2993519	CHR5:2993519	SSF x Near_LoA	-8,59523001	-0,008	0,303
CHR5	2993548	CHR5:2993548	SSF x Near_LoA	-9,74202066	-0,015	0,310
CHR5	2995609	CHR5:2995609	SSF x Near_LoA	-8,91548727	0,046	0,316
CHR5	2995654	CHR5:2995654	SSF x Near_LoA	-11,0936142	-0,055	0,302
CHR5	2995780	CHR5:2995780	SSF x Near_LoA	-7,83355743	-0,180	0,294
CHR5	3E+07	CHR5:29976072	SSF x Near_LoA	-10,6302396	-0,032	0,323
CHR5	3E+07	CHR5:29982706	SSF x Near_LoA	-9,97527353	0,019	0,316
CHR5	3E+07	CHR5:29986081	SSF x Near_LoA	-7,84065461	-0,036	0,305
CHR5	3001476	CHR5:3001476	SSF x Near_LoA	-6,66589644	0,016	0,294
CHR5	3001487	CHR5:3001487	SSF x Near_LoA	-9,3098756	-0,002	0,309
CHR5	3001556	CHR5:3001556	SSF x Near_LoA	-8,85589014	0,015	0,308

CHR5	3002233	CHR5:3002233	SSF x Near_LoA	-8,77284483	-0,007	0,307
CHR5	3002329	CHR5:3002329	SSF x Near_LoA	-9,06260253	-0,024	0,293
CHR5	3002345	CHR5:3002345	SSF x Near_LoA	-8,23388122	-0,095	0,295
CHR5	3E+07	CHR5:30060023	SSF x Near_LoA	-10,9082801	0,047	0,313
CHR5	3E+07	CHR5:30060107	SSF x Near_LoA	-10,5335057	-0,060	0,299
CHR5	3E+07	CHR5:30060128	SSF x Near_LoA	-11,0280915	-0,040	0,290
CHR5	3E+07	CHR5:30060133	SSF x Near_LoA	-7,27039263	-0,067	0,313
CHR5	3E+07	CHR5:30060166	SSF x Near_LoA	-9,40340965	-0,009	0,302
CHR5	3E+07	CHR5:30060245	SSF x Near_LoA	-8,56028761	0,010	0,316
CHR5	3E+07	CHR5:30067229	SSF x Near_LoA	-10,1948522	0,011	0,307
CHR5	3E+07	CHR5:30100989	SSF x Near_LoA	-4,09527087	-0,078	0,314
CHR5	3E+07	CHR5:30101027	SSF x Near_LoA	-6,53402241	0,169	0,298
CHR5	3E+07	CHR5:30101165	SSF x Near_LoA	-9,02568601	0,054	0,320
CHR5	3010204	CHR5:3010204	SSF x Near_LoA	-10,5815423	-0,023	0,317
CHR5	3010212	CHR5:3010212	SSF x Near_LoA	-10,3967387	0,121	0,305
CHR5	3E+07	CHR5:30102319	SSF x Near_LoA	-8,53854663	-0,068	0,306
CHR5	3E+07	CHR5:30102439	SSF x Near_LoA	-7,14543166	0,101	0,310
CHR5	3E+07	CHR5:30102463	SSF x Near_LoA	-6,54023069	-0,182	0,293
CHR5	3E+07	CHR5:30102479	SSF x Near_LoA	-8,30225341	0,077	0,299
CHR5	3010431	CHR5:3010431	SSF x Near_LoA	-10,275682	-0,005	0,324
CHR5	3E+07	CHR5:30105982	SSF x Near_LoA	-7,72894277	-0,177	0,295
CHR5	3E+07	CHR5:30106066	SSF x Near_LoA	-11,2131975	0,089	0,308
CHR5	3E+07	CHR5:30106127	SSF x Near_LoA	-6,11802894	0,050	0,323
CHR5	3E+07	CHR5:30112632	SSF x Near_LoA	-9,92824654	0,112	0,303
CHR5	3E+07	CHR5:30112644	SSF x Near_LoA	-7,8859623	0,182	0,303
CHR5	3E+07	CHR5:30112674	SSF x Near_LoA	-7,95623954	0,154	0,311
CHR5	3E+07	CHR5:30112708	SSF x Near_LoA	-8,91184459	0,101	0,307
CHR5	3E+07	CHR5:30112723	SSF x Near_LoA	-10,7020649	-0,051	0,310
CHR5	3E+07	CHR5:30112755	SSF x Near_LoA	-10,732402	-0,029	0,309
CHR5	3E+07	CHR5:30112826	SSF x Near_LoA	-9,46853727	-0,043	0,301
CHR5	3E+07	CHR5:30112841	SSF x Near_LoA	-8,78600872	-0,105	0,307
CHR5	3E+07	CHR5:30113830	SSF x Near_LoA	-10,5457326	-0,064	0,302
CHR5	3E+07	CHR5:30124840	SSF x Near_LoA	-10,4726433	-0,007	0,311
CHR5	3E+07	CHR5:30124926	SSF x Near_LoA	-11,5340826	0,023	0,303
CHR5	3E+07	CHR5:30125103	SSF x Near_LoA	-9,06936574	0,024	0,307
CHR5	3E+07	CHR5:30126654	SSF x Near_LoA	-9,13241347	0,112	0,310
CHR5	3E+07	CHR5:30130168	SSF x Near_LoA	-8,72964214	-0,090	0,316
CHR5	3E+07	CHR5:30130270	SSF x Near_LoA	-10,2864896	0,085	0,311
CHR5	3E+07	CHR5:30134559	SSF x Near_LoA	-3,10816485	0,066	0,298
CHR5	3E+07	CHR5:30134585	SSF x Near_LoA	-10,214381	-0,042	0,299
CHR5	3E+07	CHR5:30134746	SSF x Near_LoA	-9,44095758	-0,085	0,283
CHR5	3E+07	CHR5:30143661	SSF x Near_LoA	-7,89194965	0,035	0,301
CHR5	3E+07	CHR5:30143684	SSF x Near_LoA	-9,6781541	-0,046	0,317
CHR5	3E+07	CHR5:30143784	SSF x Near_LoA	-8,68472803	-0,103	0,309
CHR5	3E+07	CHR5:30143819	SSF x Near_LoA	-9,51410769	-0,092	0,298
CHR5	3014733	CHR5:3014733	SSF x Near_LoA	-8,30316219	-0,035	0,309
CHR5	3014826	CHR5:3014826	SSF x Near_LoA	-10,2270703	-0,116	0,311
CHR5	3014865	CHR5:3014865	SSF x Near_LoA	-9,46458461	-0,023	0,297
CHR5	3E+07	CHR5:30153625	SSF x Near_LoA	-6,82356897	0,108	0,306
CHR5	3E+07	CHR5:30153653	SSF x Near_LoA	-10,878618	0,075	0,306
CHR5	3E+07	CHR5:30153658	SSF x Near_LoA	-11,1204656	0,070	0,304
CHR5	3E+07	CHR5:30153716	SSF x Near_LoA	-10,869128	-0,007	0,296
CHR5	3E+07	CHR5:30157244	SSF x Near_LoA	-7,89486368	0,133	0,299

CHR5	3E+07	CHR5:30170121	SSF x Near_LoA	-8,19378554	0,114	0,308
CHR5	3E+07	CHR5:30175874	SSF x Near_LoA	-11,6131559	0,004	0,316
CHR5	3E+07	CHR5:30176093	SSF x Near_LoA	-10,5821162	0,065	0,312
CHR5	3E+07	CHR5:30176094	SSF x Near_LoA	-10,2971895	0,061	0,317
CHR5	3018931	CHR5:3018931	SSF x Near_LoA	-9,21455283	-0,015	0,320
CHR5	3019046	CHR5:3019046	SSF x Near_LoA	-10,626936	-0,020	0,290
CHR5	3019184	CHR5:3019184	SSF x Near_LoA	-10,0552086	-0,026	0,299
CHR5	3E+07	CHR5:30208341	SSF x Near_LoA	-11,3028606	0,047	0,300
CHR5	3E+07	CHR5:30208491	SSF x Near_LoA	-9,25499789	0,154	0,294
CHR5	3E+07	CHR5:30214468	SSF x Near_LoA	-10,0878548	-0,007	0,323
CHR5	3E+07	CHR5:30221259	SSF x Near_LoA	6,30247764	-0,028	0,321
CHR5	3022174	CHR5:3022174	SSF x Near_LoA	-3,97701748	0,114	0,282
CHR5	3E+07	CHR5:30247354	SSF x Near_LoA	-8,97607292	-0,090	0,311
CHR5	3026189	CHR5:3026189	SSF x Near_LoA	8,20326398	0,146	0,312
CHR5	3026320	CHR5:3026320	SSF x Near_LoA	-8,64283483	0,083	0,300
CHR5	3026332	CHR5:3026332	SSF x Near_LoA	-11,8320548	0,003	0,296
CHR5	3E+07	CHR5:30271022	SSF x Near_LoA	-8,90296486	-0,059	0,313
CHR5	3E+07	CHR5:30273159	SSF x Near_LoA	-9,28450724	0,036	0,308
CHR5	3E+07	CHR5:30279283	SSF x Near_LoA	-7,79716277	0,064	0,309
CHR5	3E+07	CHR5:30279319	SSF x Near_LoA	-8,4610726	-0,082	0,316
CHR5	3E+07	CHR5:30280579	SSF x Near_LoA	-10,9397177	0,043	0,310
CHR5	3E+07	CHR5:30280585	SSF x Near_LoA	-9,8287866	-0,001	0,309
CHR5	3E+07	CHR5:30280586	SSF x Near_LoA	-10,1587488	-0,027	0,314
CHR5	3E+07	CHR5:30280588	SSF x Near_LoA	-9,6069497	0,029	0,312
CHR5	3E+07	CHR5:30281683	SSF x Near_LoA	-10,4930442	0,030	0,314
CHR5	3E+07	CHR5:30286190	SSF x Near_LoA	-8,53119531	-0,108	0,293
CHR5	3E+07	CHR5:30286191	SSF x Near_LoA	-8,79068951	0,065	0,300
CHR5	3E+07	CHR5:30286247	SSF x Near_LoA	-10,592147	-0,004	0,292
CHR5	3E+07	CHR5:30286263	SSF x Near_LoA	-6,97419695	-0,137	0,314
CHR5	3E+07	CHR5:30286393	SSF x Near_LoA	-6,003142	0,022	0,300
CHR5	3E+07	CHR5:30291051	SSF x Near_LoA	-7,67567383	-0,178	0,297
CHR5	3E+07	CHR5:30291122	SSF x Near_LoA	-10,1356986	0,065	0,307
CHR5	3E+07	CHR5:30291163	SSF x Near_LoA	-5,55753266	0,067	0,304
CHR5	3E+07	CHR5:30295470	SSF x Near_LoA	-9,52214506	-0,088	0,288
CHR5	3029742	CHR5:3029742	SSF x Near_LoA	-9,91502593	0,018	0,316
CHR5	3E+07	CHR5:30302204	SSF x Near_LoA	-10,6943172	-0,080	0,320
CHR5	3E+07	CHR5:30318201	SSF x Near_LoA	-9,04575493	-0,033	0,291
CHR5	3E+07	CHR5:30318214	SSF x Near_LoA	-9,83134916	-0,045	0,296
CHR5	3E+07	CHR5:30345274	SSF x Near_LoA	-8,05919312	-0,059	0,314
CHR5	3E+07	CHR5:30345290	SSF x Near_LoA	-9,3040825	0,084	0,310
CHR5	3E+07	CHR5:30345309	SSF x Near_LoA	-9,24331833	-0,033	0,318
CHR5	3E+07	CHR5:30345333	SSF x Near_LoA	-11,079872	-0,016	0,306
CHR5	3E+07	CHR5:30345336	SSF x Near_LoA	-9,11475182	-0,096	0,296
CHR5	3E+07	CHR5:30357358	SSF x Near_LoA	-11,9175092	-0,019	0,315
CHR5	3036586	CHR5:3036586	SSF x Near_LoA	-10,9251748	0,127	0,296
CHR5	3036637	CHR5:3036637	SSF x Near_LoA	-9,95721638	0,091	0,307
CHR5	3E+07	CHR5:30374555	SSF x Near_LoA	-8,97216865	0,035	0,307
CHR5	3E+07	CHR5:30374612	SSF x Near_LoA	-6,71246071	-0,121	0,304
CHR5	3E+07	CHR5:30374622	SSF x Near_LoA	-6,54140954	-0,108	0,302
CHR5	3E+07	CHR5:30374742	SSF x Near_LoA	-9,25708783	-0,119	0,302
CHR5	3E+07	CHR5:30374743	SSF x Near_LoA	-8,68430745	-0,079	0,301
CHR5	3E+07	CHR5:30374765	SSF x Near_LoA	-8,1116223	0,068	0,312
CHR5	3E+07	CHR5:30378249	SSF x Near_LoA	-10,0710449	-0,126	0,320

CHR5	3E+07	CHR5:30378387	SSF x Near_LoA	-8,00543283	0,010	0,325
CHR5	3E+07	CHR5:30388854	SSF x Near_LoA	-10,0913498	0,019	0,291
CHR5	3E+07	CHR5:30388881	SSF x Near_LoA	-9,5128244	-0,009	0,296
CHR5	3E+07	CHR5:30389709	SSF x Near_LoA	-8,42292768	0,055	0,316
CHR5	3E+07	CHR5:30389772	SSF x Near_LoA	-9,94814917	0,064	0,306
CHR5	3E+07	CHR5:30395726	SSF x Near_LoA	-4,3162134	-0,075	0,310
CHR5	3E+07	CHR5:30411039	SSF x Near_LoA	-11,2455674	0,006	0,301
CHR5	3042577	CHR5:3042577	SSF x Near_LoA	-10,1202264	-0,159	0,316
CHR5	3E+07	CHR5:30440308	SSF x Near_LoA	-8,48778712	-0,054	0,300
CHR5	3E+07	CHR5:30442218	SSF x Near_LoA	-9,73083662	0,025	0,318
CHR5	3E+07	CHR5:30443126	SSF x Near_LoA	-2,83001201	-0,055	0,318
CHR5	3E+07	CHR5:30446990	SSF x Near_LoA	-9,7947755	0,077	0,304
CHR5	3E+07	CHR5:30448894	SSF x Near_LoA	-7,90899483	-0,107	0,300
CHR5	3E+07	CHR5:30448957	SSF x Near_LoA	-1,20271804	-0,078	0,309
CHR5	3E+07	CHR5:30448983	SSF x Near_LoA	-7,28175119	0,068	0,310
CHR5	3E+07	CHR5:30449021	SSF x Near_LoA	-8,84451162	0,035	0,313
CHR5	3E+07	CHR5:30452706	SSF x Near_LoA	-9,64811421	0,028	0,303
CHR5	3E+07	CHR5:30452735	SSF x Near_LoA	-10,1238921	0,083	0,308
CHR5	3E+07	CHR5:30452759	SSF x Near_LoA	-1,29515041	-0,092	0,293
CHR5	3E+07	CHR5:30452793	SSF x Near_LoA	-8,25821246	-0,065	0,310
CHR5	3E+07	CHR5:30456690	SSF x Near_LoA	-8,63352643	0,031	0,305
CHR5	3E+07	CHR5:30467064	SSF x Near_LoA	-9,44489604	-0,100	0,297
CHR5	3E+07	CHR5:30467099	SSF x Near_LoA	-10,8715633	0,009	0,319
CHR5	3E+07	CHR5:30467313	SSF x Near_LoA	-7,89476637	-0,096	0,310
CHR5	3E+07	CHR5:30467399	SSF x Near_LoA	-10,7503471	-0,097	0,299
CHR5	3E+07	CHR5:30469100	SSF x Near_LoA	-9,19053091	0,063	0,312
CHR5	3E+07	CHR5:30469494	SSF x Near_LoA	-10,0328494	0,006	0,309
CHR5	3E+07	CHR5:30469692	SSF x Near_LoA	-8,02374885	0,083	0,309
CHR5	3E+07	CHR5:30474799	SSF x Near_LoA	-7,53393785	-0,106	0,318
CHR5	3E+07	CHR5:30474804	SSF x Near_LoA	-8,67301485	0,027	0,314
CHR5	3E+07	CHR5:30474853	SSF x Near_LoA	-10,7796214	-0,041	0,314
CHR5	3E+07	CHR5:30477559	SSF x Near_LoA	-10,4859924	0,009	0,307
CHR5	3E+07	CHR5:30477685	SSF x Near_LoA	-11,5840104	-0,014	0,303
CHR5	3E+07	CHR5:30477803	SSF x Near_LoA	-8,11127972	-0,170	0,308
CHR5	3E+07	CHR5:30481126	SSF x Near_LoA	-11,6499938	0,054	0,313
CHR5	3E+07	CHR5:30481127	SSF x Near_LoA	-7,869297	0,081	0,295
CHR5	3E+07	CHR5:30481172	SSF x Near_LoA	-9,1272858	0,011	0,306
CHR5	3E+07	CHR5:30486910	SSF x Near_LoA	-10,1062616	-0,022	0,303
CHR5	3E+07	CHR5:30487035	SSF x Near_LoA	7,14985004	-0,148	0,308
CHR5	3E+07	CHR5:30487038	SSF x Near_LoA	-9,47756875	-0,106	0,321
CHR5	3E+07	CHR5:30487044	SSF x Near_LoA	-10,3901631	-0,016	0,308
CHR5	3E+07	CHR5:30487045	SSF x Near_LoA	-3,39547452	-0,139	0,313
CHR5	3E+07	CHR5:30491853	SSF x Near_LoA	-7,46326407	-0,003	0,309
CHR5	3E+07	CHR5:30491981	SSF x Near_LoA	-7,96840451	0,033	0,315
CHR5	3E+07	CHR5:30494211	SSF x Near_LoA	-7,61738048	0,076	0,319
CHR5	3E+07	CHR5:30494212	SSF x Near_LoA	-5,87230434	0,081	0,302
CHR5	3E+07	CHR5:30494232	SSF x Near_LoA	-11,058808	0,075	0,313
CHR5	3E+07	CHR5:30494236	SSF x Near_LoA	-9,23849292	0,102	0,311
CHR5	3E+07	CHR5:30494250	SSF x Near_LoA	-8,11888754	0,056	0,308
CHR5	3E+07	CHR5:30494324	SSF x Near_LoA	-9,34230426	0,072	0,299
CHR5	3E+07	CHR5:30494334	SSF x Near_LoA	-10,0675172	0,005	0,300
CHR5	3E+07	CHR5:30494336	SSF x Near_LoA	-8,92280628	0,028	0,306
CHR5	3E+07	CHR5:30494338	SSF x Near_LoA	-9,34087435	0,019	0,301

CHR5	3E+07	CHR5:30494344	SSF x Near_LoA	-10,0454766	0,033	0,297
CHR5	3E+07	CHR5:30494404	SSF x Near_LoA	-10,5018589	0,055	0,313
CHR5	3E+07	CHR5:30496298	SSF x Near_LoA	-10,9457801	0,011	0,310
CHR5	3E+07	CHR5:30496303	SSF x Near_LoA	-9,50506427	0,036	0,303
CHR5	3E+07	CHR5:30496520	SSF x Near_LoA	-11,3130408	-0,001	0,306
CHR5	30506250	CHR5:30506250	SSF x Near_LoA	-4,22387164	-0,086	0,298
CHR5	30506393	CHR5:30506393	SSF x Near_LoA	-8,71015737	0,004	0,322
CHR5	30532745	CHR5:30532745	SSF x Near_LoA	-7,64389103	-0,143	0,302
CHR5	30532813	CHR5:30532813	SSF x Near_LoA	-7,19063353	-0,083	0,314
CHR5	30549284	CHR5:30549284	SSF x Near_LoA	-8,42950055	-0,055	0,296
CHR5	30549287	CHR5:30549287	SSF x Near_LoA	-9,30206241	-0,015	0,308
CHR5	30557059	CHR5:30557059	SSF x Near_LoA	-10,3335489	0,052	0,309
CHR5	30557065	CHR5:30557065	SSF x Near_LoA	-12,2603979	0,041	0,310
CHR5	30560958	CHR5:30560958	SSF x Near_LoA	-6,18682538	0,187	0,289
CHR5	30577521	CHR5:30577521	SSF x Near_LoA	-10,1432372	0,007	0,313
CHR5	30578639	CHR5:30578639	SSF x Near_LoA	-11,8448771	0,009	0,293
CHR5	30586183	CHR5:30586183	SSF x Near_LoA	-7,45335364	-0,029	0,312
CHR5	30586200	CHR5:30586200	SSF x Near_LoA	-9,61861186	-0,014	0,317
CHR5	30586201	CHR5:30586201	SSF x Near_LoA	-9,13058652	-0,005	0,313
CHR5	30586251	CHR5:30586251	SSF x Near_LoA	-8,19878734	0,085	0,298
CHR5	30586267	CHR5:30586267	SSF x Near_LoA	11,8487174	0,098	0,303
CHR5	30586949	CHR5:30586949	SSF x Near_LoA	-9,13264475	0,061	0,308
CHR5	30586997	CHR5:30586997	SSF x Near_LoA	-9,4990448	-0,117	0,309
CHR5	30594863	CHR5:30594863	SSF x Near_LoA	-7,41421907	-0,040	0,314
CHR5	30618306	CHR5:30618306	SSF x Near_LoA	-9,67047659	-0,014	0,312
CHR5	30618531	CHR5:30618531	SSF x Near_LoA	-10,3675882	-0,088	0,320
CHR5	30623931	CHR5:30623931	SSF x Near_LoA	-8,94882224	-0,104	0,305
CHR5	30624027	CHR5:30624027	SSF x Near_LoA	1,94348749	-0,135	0,291
CHR5	30628200	CHR5:30628200	SSF x Near_LoA	-10,3509766	0,011	0,305
CHR5	30636051	CHR5:30636051	SSF x Near_LoA	-10,8694244	0,069	0,307
CHR5	30636078	CHR5:30636078	SSF x Near_LoA	-9,06015275	-0,061	0,314
CHR5	30661922	CHR5:30661922	SSF x Near_LoA	-7,63321587	0,068	0,328
CHR5	30662064	CHR5:30662064	SSF x Near_LoA	-1,54005321	0,133	0,309
CHR5	30664466	CHR5:30664466	SSF x Near_LoA	-9,15093689	-0,049	0,322
CHR5	30665871	CHR5:30665871	SSF x Near_LoA	-10,7297962	0,050	0,315
CHR5	30665925	CHR5:30665925	SSF x Near_LoA	-7,8327156	-0,046	0,311
CHR5	30665984	CHR5:30665984	SSF x Near_LoA	-7,51708375	-0,016	0,327
CHR5	30665988	CHR5:30665988	SSF x Near_LoA	-9,76613625	-0,011	0,304
CHR5	30668352	CHR5:30668352	SSF x Near_LoA	-6,02452959	0,063	0,316
CHR5	30668406	CHR5:30668406	SSF x Near_LoA	-10,8723363	0,026	0,316
CHR5	3067804	CHR5:3067804	SSF x Near_LoA	-10,2022159	-0,052	0,299
CHR5	3067879	CHR5:3067879	SSF x Near_LoA	-10,4038849	-0,066	0,316
CHR5	30692166	CHR5:30692166	SSF x Near_LoA	-11,2749733	0,000	0,301
CHR5	30692278	CHR5:30692278	SSF x Near_LoA	-7,45069549	-0,054	0,314
CHR5	3069541	CHR5:3069541	SSF x Near_LoA	-9,54896648	-0,049	0,308
CHR5	3069543	CHR5:3069543	SSF x Near_LoA	-8,04078104	-0,041	0,303
CHR5	3069559	CHR5:3069559	SSF x Near_LoA	-10,3423451	0,022	0,297
CHR5	3069583	CHR5:3069583	SSF x Near_LoA	-8,06520094	0,015	0,305
CHR5	30708492	CHR5:30708492	SSF x Near_LoA	-10,2084402	0,016	0,318
CHR5	30708689	CHR5:30708689	SSF x Near_LoA	-8,9914977	0,010	0,315
CHR5	3071045	CHR5:3071045	SSF x Near_LoA	-8,51691043	-0,106	0,310
CHR5	30723297	CHR5:30723297	SSF x Near_LoA	-9,88595734	0,037	0,301
CHR5	30723919	CHR5:30723919	SSF x Near_LoA	-11,0100069	0,048	0,300

CHR5	30724019	CHR5:30724019	SSF x Near_LoA	-9,85207024	-0,100	0,319
CHR5	30727151	CHR5:30727151	SSF x Near_LoA	-9,52764588	0,144	0,324
CHR5	30730470	CHR5:30730470	SSF x Near_LoA	-9,9507143	-0,063	0,294
CHR5	3073439	CHR5:3073439	SSF x Near_LoA	-11,7770078	0,076	0,297
CHR5	3073520	CHR5:3073520	SSF x Near_LoA	-7,42382992	0,182	0,309
CHR5	3073543	CHR5:3073543	SSF x Near_LoA	-8,11677713	-0,125	0,310
CHR5	3073648	CHR5:3073648	SSF x Near_LoA	-9,29857567	-0,006	0,306
CHR5	3073655	CHR5:3073655	SSF x Near_LoA	-9,28391492	-0,001	0,318
CHR5	3073657	CHR5:3073657	SSF x Near_LoA	-8,75247878	0,003	0,318
CHR5	30740279	CHR5:30740279	SSF x Near_LoA	-8,03482718	-0,018	0,306
CHR5	30790605	CHR5:30790605	SSF x Near_LoA	-10,4954965	0,027	0,319
CHR5	30812806	CHR5:30812806	SSF x Near_LoA	-10,1107561	-0,116	0,285
CHR5	30829602	CHR5:30829602	SSF x Near_LoA	-5,46964566	-0,024	0,295
CHR5	30829726	CHR5:30829726	SSF x Near_LoA	-8,19704731	-0,006	0,312
CHR5	30833307	CHR5:30833307	SSF x Near_LoA	-11,163193	-0,094	0,302
CHR5	30833458	CHR5:30833458	SSF x Near_LoA	-9,89940519	0,076	0,312
CHR5	30838733	CHR5:30838733	SSF x Near_LoA	-7,82213295	0,103	0,299
CHR5	30839332	CHR5:30839332	SSF x Near_LoA	-9,33686835	-0,046	0,311
CHR5	30843634	CHR5:30843634	SSF x Near_LoA	-7,65716387	0,042	0,318
CHR5	30843667	CHR5:30843667	SSF x Near_LoA	-10,2053412	0,070	0,313
CHR5	30845077	CHR5:30845077	SSF x Near_LoA	-9,20585544	-0,065	0,304
CHR5	30845108	CHR5:30845108	SSF x Near_LoA	-11,1477358	-0,070	0,303
CHR5	30845179	CHR5:30845179	SSF x Near_LoA	-7,29571015	0,104	0,299
CHR5	30849344	CHR5:30849344	SSF x Near_LoA	-11,3744351	-0,069	0,305
CHR5	30853091	CHR5:30853091	SSF x Near_LoA	-10,17864	-0,021	0,316
CHR5	30853260	CHR5:30853260	SSF x Near_LoA	-10,636234	0,019	0,303
CHR5	30856377	CHR5:30856377	SSF x Near_LoA	-7,16864501	-0,026	0,311
CHR5	30856587	CHR5:30856587	SSF x Near_LoA	-10,9583093	0,026	0,286
CHR5	30856593	CHR5:30856593	SSF x Near_LoA	-8,92994809	0,082	0,300
CHR5	30856598	CHR5:30856598	SSF x Near_LoA	-9,7758076	-0,018	0,266
CHR5	30866194	CHR5:30866194	SSF x Near_LoA	-9,87381513	-0,002	0,291
CHR5	30866205	CHR5:30866205	SSF x Near_LoA	-8,92169496	0,049	0,320
CHR5	30866212	CHR5:30866212	SSF x Near_LoA	-7,31601913	0,041	0,312
CHR5	30866253	CHR5:30866253	SSF x Near_LoA	-5,19338186	-0,073	0,306
CHR5	30866389	CHR5:30866389	SSF x Near_LoA	-7,89490437	0,042	0,297
CHR5	30866390	CHR5:30866390	SSF x Near_LoA	-10,3941917	0,001	0,285
CHR5	30868285	CHR5:30868285	SSF x Near_LoA	-10,8454193	0,056	0,299
CHR5	30868343	CHR5:30868343	SSF x Near_LoA	-10,9375254	-0,034	0,313
CHR5	30874138	CHR5:30874138	SSF x Near_LoA	-9,67882413	-0,034	0,293
CHR5	30874155	CHR5:30874155	SSF x Near_LoA	-9,5364329	-0,014	0,307
CHR5	30874245	CHR5:30874245	SSF x Near_LoA	-9,7325777	-0,067	0,314
CHR5	30874248	CHR5:30874248	SSF x Near_LoA	-7,85236227	0,173	0,302
CHR5	30877251	CHR5:30877251	SSF x Near_LoA	-8,63290802	-0,135	0,286
CHR5	30888155	CHR5:30888155	SSF x Near_LoA	-9,98846753	-0,009	0,294
CHR5	30889618	CHR5:30889618	SSF x Near_LoA	-4,84279288	0,109	0,303
CHR5	30889621	CHR5:30889621	SSF x Near_LoA	-6,27215441	-0,198	0,293
CHR5	30889680	CHR5:30889680	SSF x Near_LoA	-7,75989358	0,098	0,295
CHR5	30889794	CHR5:30889794	SSF x Near_LoA	-10,603589	0,033	0,301
CHR5	30889827	CHR5:30889827	SSF x Near_LoA	-11,1338673	0,015	0,310
CHR5	3088993	CHR5:3088993	SSF x Near_LoA	-7,90615388	0,041	0,302
CHR5	3089078	CHR5:3089078	SSF x Near_LoA	-10,7426572	0,024	0,314
CHR5	30894653	CHR5:30894653	SSF x Near_LoA	-7,13249063	-0,051	0,313
CHR5	30894667	CHR5:30894667	SSF x Near_LoA	-8,89165592	-0,072	0,311

CHR5	30894702	CHR5:30894702	SSF x Near_LoA	-10,8612902	-0,060	0,301
CHR5	30900671	CHR5:30900671	SSF x Near_LoA	-7,72782355	-0,076	0,306
CHR5	30900719	CHR5:30900719	SSF x Near_LoA	-9,62806569	-0,147	0,294
CHR5	30900739	CHR5:30900739	SSF x Near_LoA	-9,26642645	0,086	0,315
CHR5	30900838	CHR5:30900838	SSF x Near_LoA	-10,2387557	-0,046	0,306
CHR5	30900864	CHR5:30900864	SSF x Near_LoA	-7,84986884	-0,060	0,305
CHR5	30900888	CHR5:30900888	SSF x Near_LoA	-0,99258963	-0,087	0,303
CHR5	30902885	CHR5:30902885	SSF x Near_LoA	-8,39828691	-0,051	0,319
CHR5	30902897	CHR5:30902897	SSF x Near_LoA	-9,47024546	0,041	0,314
CHR5	30902949	CHR5:30902949	SSF x Near_LoA	-6,90758355	-0,046	0,305
CHR5	30902990	CHR5:30902990	SSF x Near_LoA	-10,6567181	0,012	0,306
CHR5	30903175	CHR5:30903175	SSF x Near_LoA	-8,49084673	0,166	0,300
CHR5	30903203	CHR5:30903203	SSF x Near_LoA	-11,5403251	0,057	0,309
CHR5	30907301	CHR5:30907301	SSF x Near_LoA	-9,56204021	-0,009	0,302
CHR5	30929566	CHR5:30929566	SSF x Near_LoA	-11,6663188	-0,032	0,304
CHR5	30933360	CHR5:30933360	SSF x Near_LoA	-4,41514113	0,016	0,317
CHR5	30933508	CHR5:30933508	SSF x Near_LoA	-10,157623	0,019	0,327
CHR5	30938671	CHR5:30938671	SSF x Near_LoA	-6,78349003	0,071	0,312
CHR5	30938715	CHR5:30938715	SSF x Near_LoA	-11,7336068	-0,007	0,292
CHR5	30938748	CHR5:30938748	SSF x Near_LoA	-8,29505592	0,013	0,323
CHR5	30939245	CHR5:30939245	SSF x Near_LoA	-8,94937817	-0,009	0,310
CHR5	30939284	CHR5:30939284	SSF x Near_LoA	-7,59652526	0,163	0,302
CHR5	30952800	CHR5:30952800	SSF x Near_LoA	-8,4534546	-0,071	0,295
CHR5	30970150	CHR5:30970150	SSF x Near_LoA	-6,97739883	-0,011	0,313
CHR5	30970185	CHR5:30970185	SSF x Near_LoA	-9,3780521	0,003	0,313
CHR5	30970267	CHR5:30970267	SSF x Near_LoA	-10,079343	-0,111	0,297
CHR5	30970382	CHR5:30970382	SSF x Near_LoA	-4,3066562	0,172	0,304
CHR5	30974747	CHR5:30974747	SSF x Near_LoA	-9,31079183	0,088	0,303
CHR5	30974748	CHR5:30974748	SSF x Near_LoA	-9,24353876	0,055	0,306
CHR5	30978447	CHR5:30978447	SSF x Near_LoA	-7,72068119	-0,059	0,318
CHR5	30978486	CHR5:30978486	SSF x Near_LoA	-9,86652714	0,061	0,288
CHR5	31020670	CHR5:31020670	SSF x Near_LoA	-9,02632812	0,088	0,323
CHR5	31021215	CHR5:31021215	SSF x Near_LoA	-10,0316109	0,015	0,322
CHR5	31029369	CHR5:31029369	SSF x Near_LoA	-9,74666445	0,077	0,305
CHR5	31029656	CHR5:31029656	SSF x Near_LoA	-9,49180565	0,048	0,301
CHR5	31040194	CHR5:31040194	SSF x Near_LoA	-8,7555361	-0,029	0,309
CHR5	31040317	CHR5:31040317	SSF x Near_LoA	-8,2583017	0,029	0,303
CHR5	31047433	CHR5:31047433	SSF x Near_LoA	-7,90467095	-0,067	0,311
CHR5	31047586	CHR5:31047586	SSF x Near_LoA	-10,0261445	0,122	0,311
CHR5	31047617	CHR5:31047617	SSF x Near_LoA	-6,03352315	0,043	0,308
CHR5	31049827	CHR5:31049827	SSF x Near_LoA	-8,39522748	-0,103	0,303
CHR5	31050227	CHR5:31050227	SSF x Near_LoA	-9,00424212	-0,082	0,295
CHR5	31050257	CHR5:31050257	SSF x Near_LoA	-6,27475544	0,032	0,307
CHR5	31050268	CHR5:31050268	SSF x Near_LoA	-9,4154091	-0,069	0,310
CHR5	31061435	CHR5:31061435	SSF x Near_LoA	-8,64776721	0,056	0,314
CHR5	31061437	CHR5:31061437	SSF x Near_LoA	-8,36035573	-0,007	0,318
CHR5	31061663	CHR5:31061663	SSF x Near_LoA	-10,3473123	0,014	0,309
CHR5	31061686	CHR5:31061686	SSF x Near_LoA	-7,8280904	0,146	0,299
CHR5	31061697	CHR5:31061697	SSF x Near_LoA	-6,63217238	0,107	0,320
CHR5	31068970	CHR5:31068970	SSF x Near_LoA	-12,4221457	-0,051	0,299
CHR5	31068975	CHR5:31068975	SSF x Near_LoA	-7,21816335	-0,030	0,317
CHR5	31069054	CHR5:31069054	SSF x Near_LoA	-10,6572032	0,018	0,309
CHR5	31097164	CHR5:31097164	SSF x Near_LoA	-8,44501217	0,042	0,301

CHR5	31097229	CHR5:31097229	SSF x Near_LoA	-10,6184075	0,007	0,307
CHR5	31101919	CHR5:31101919	SSF x Near_LoA	-6,36802438	-0,046	0,303
CHR5	31102033	CHR5:31102033	SSF x Near_LoA	1,14734384	0,048	0,323
CHR5	31102068	CHR5:31102068	SSF x Near_LoA	-6,48723806	0,095	0,302
CHR5	31102093	CHR5:31102093	SSF x Near_LoA	-9,55959381	-0,054	0,303
CHR5	31128279	CHR5:31128279	SSF x Near_LoA	-7,94559633	0,115	0,322
CHR5	31132473	CHR5:31132473	SSF x Near_LoA	-8,85401592	0,041	0,314
CHR5	311505	CHR5:311505	SSF x Near_LoA	-8,73340798	0,026	0,318
CHR5	31186456	CHR5:31186456	SSF x Near_LoA	-8,09749552	-0,040	0,299
CHR5	31187440	CHR5:31187440	SSF x Near_LoA	-5,85079736	-0,008	0,298
CHR5	31197794	CHR5:31197794	SSF x Near_LoA	-8,24165766	-0,085	0,305
CHR5	31197816	CHR5:31197816	SSF x Near_LoA	-9,66483038	-0,035	0,292
CHR5	31198115	CHR5:31198115	SSF x Near_LoA	-9,77884548	0,018	0,311
CHR5	3119997	CHR5:3119997	SSF x Near_LoA	-9,99971613	-0,054	0,311
CHR5	31202053	CHR5:31202053	SSF x Near_LoA	-9,09714013	0,040	0,320
CHR5	31202172	CHR5:31202172	SSF x Near_LoA	-4,47926207	0,112	0,305
CHR5	31202181	CHR5:31202181	SSF x Near_LoA	-12,0274837	0,022	0,302
CHR5	31209435	CHR5:31209435	SSF x Near_LoA	-4,99760191	0,036	0,312
CHR5	31211942	CHR5:31211942	SSF x Near_LoA	-5,76404248	0,171	0,309
CHR5	31213754	CHR5:31213754	SSF x Near_LoA	-8,95752527	0,118	0,311
CHR5	31233272	CHR5:31233272	SSF x Near_LoA	-7,4454746	0,059	0,306
CHR5	31233425	CHR5:31233425	SSF x Near_LoA	-9,912269	0,083	0,310
CHR5	31233472	CHR5:31233472	SSF x Near_LoA	-10,6906011	0,028	0,301
CHR5	31240023	CHR5:31240023	SSF x Near_LoA	-7,73207981	-0,147	0,316
CHR5	31240604	CHR5:31240604	SSF x Near_LoA	-8,2786576	-0,026	0,317
CHR5	31240607	CHR5:31240607	SSF x Near_LoA	-9,15642264	-0,034	0,303
CHR5	31240645	CHR5:31240645	SSF x Near_LoA	-10,5912544	-0,003	0,296
CHR5	3124131	CHR5:3124131	SSF x Near_LoA	-11,7487545	0,061	0,304
CHR5	31270734	CHR5:31270734	SSF x Near_LoA	-10,2578533	-0,052	0,287
CHR5	31278675	CHR5:31278675	SSF x Near_LoA	-9,45498017	0,040	0,297
CHR5	31282238	CHR5:31282238	SSF x Near_LoA	-11,3991471	-0,080	0,277
CHR5	31282400	CHR5:31282400	SSF x Near_LoA	-10,0400157	0,103	0,304
CHR5	31289088	CHR5:31289088	SSF x Near_LoA	-9,03877314	-0,020	0,313
CHR5	31289982	CHR5:31289982	SSF x Near_LoA	-10,9981378	0,035	0,322
CHR5	31289989	CHR5:31289989	SSF x Near_LoA	-12,1473937	0,013	0,302
CHR5	31290053	CHR5:31290053	SSF x Near_LoA	-11,6438899	-0,004	0,305
CHR5	31294341	CHR5:31294341	SSF x Near_LoA	-12,1714097	-0,021	0,298
CHR5	31321924	CHR5:31321924	SSF x Near_LoA	-8,66893238	0,014	0,314
CHR5	31321958	CHR5:31321958	SSF x Near_LoA	-9,86518545	0,078	0,299
CHR5	31322105	CHR5:31322105	SSF x Near_LoA	-8,9579124	-0,093	0,311
CHR5	31325721	CHR5:31325721	SSF x Near_LoA	-10,6381515	0,058	0,313
CHR5	31328672	CHR5:31328672	SSF x Near_LoA	-9,28885991	-0,055	0,304
CHR5	31328743	CHR5:31328743	SSF x Near_LoA	-8,79291341	0,013	0,316
CHR5	31329066	CHR5:31329066	SSF x Near_LoA	-8,40106728	-0,046	0,310
CHR5	31329084	CHR5:31329084	SSF x Near_LoA	-6,55653987	-0,019	0,319
CHR5	31329091	CHR5:31329091	SSF x Near_LoA	-7,82304674	0,023	0,310
CHR5	3133033	CHR5:3133033	SSF x Near_LoA	-10,4259107	0,102	0,304
CHR5	31333737	CHR5:31333737	SSF x Near_LoA	-10,991986	0,033	0,310
CHR5	31335678	CHR5:31335678	SSF x Near_LoA	-10,8913465	0,079	0,298
CHR5	31335712	CHR5:31335712	SSF x Near_LoA	-10,4592992	-0,088	0,310
CHR5	31335855	CHR5:31335855	SSF x Near_LoA	-8,89737031	0,022	0,303
CHR5	31335856	CHR5:31335856	SSF x Near_LoA	-8,48465311	-0,037	0,317
CHR5	31339568	CHR5:31339568	SSF x Near_LoA	-10,2705948	-0,040	0,296

CHR5	31342367	CHR5:31342367	SSF x Near_LoA	-8,50431977	0,113	0,316
CHR5	31342373	CHR5:31342373	SSF x Near_LoA	-6,26772733	-0,040	0,312
CHR5	31342439	CHR5:31342439	SSF x Near_LoA	-6,13304138	-0,158	0,281
CHR5	31342575	CHR5:31342575	SSF x Near_LoA	-10,2667234	-0,009	0,284
CHR5	31342622	CHR5:31342622	SSF x Near_LoA	-11,5219226	-0,084	0,284
CHR5	31352062	CHR5:31352062	SSF x Near_LoA	-8,91440933	0,045	0,302
CHR5	31352079	CHR5:31352079	SSF x Near_LoA	-6,92472147	0,084	0,308
CHR5	31352095	CHR5:31352095	SSF x Near_LoA	-8,66997918	-0,020	0,301
CHR5	31355363	CHR5:31355363	SSF x Near_LoA	-8,75317324	-0,156	0,299
CHR5	31355454	CHR5:31355454	SSF x Near_LoA	-8,9124815	0,068	0,299
CHR5	31358360	CHR5:31358360	SSF x Near_LoA	-10,338289	0,068	0,315
CHR5	31358497	CHR5:31358497	SSF x Near_LoA	-5,39835539	-0,119	0,310
CHR5	31358540	CHR5:31358540	SSF x Near_LoA	-11,1819087	0,068	0,292
CHR5	31358564	CHR5:31358564	SSF x Near_LoA	-7,20863555	-0,094	0,310
CHR5	31358593	CHR5:31358593	SSF x Near_LoA	-10,8322686	0,020	0,319
CHR5	31359494	CHR5:31359494	SSF x Near_LoA	-10,046416	0,010	0,312
CHR5	31359504	CHR5:31359504	SSF x Near_LoA	-8,04355634	0,137	0,302
CHR5	31359509	CHR5:31359509	SSF x Near_LoA	-7,10770021	0,167	0,298
CHR5	31359523	CHR5:31359523	SSF x Near_LoA	-7,29924797	0,038	0,319
CHR5	31361774	CHR5:31361774	SSF x Near_LoA	-10,8172262	0,028	0,302
CHR5	31361904	CHR5:31361904	SSF x Near_LoA	-10,3028551	0,054	0,318
CHR5	31361916	CHR5:31361916	SSF x Near_LoA	-8,94578635	-0,012	0,302
CHR5	31361930	CHR5:31361930	SSF x Near_LoA	-10,3438929	-0,027	0,304
CHR5	31370101	CHR5:31370101	SSF x Near_LoA	-6,89606179	0,027	0,309
CHR5	31370538	CHR5:31370538	SSF x Near_LoA	-9,49326325	0,109	0,307
CHR5	31376886	CHR5:31376886	SSF x Near_LoA	-9,8378038	-0,057	0,318
CHR5	31377230	CHR5:31377230	SSF x Near_LoA	-9,93467592	0,045	0,303
CHR5	31377233	CHR5:31377233	SSF x Near_LoA	-9,77997277	0,067	0,313
CHR5	31379021	CHR5:31379021	SSF x Near_LoA	-8,2989083	-0,020	0,319
CHR5	31379049	CHR5:31379049	SSF x Near_LoA	-7,04634528	-0,101	0,308
CHR5	31379141	CHR5:31379141	SSF x Near_LoA	-7,60516148	-0,101	0,326
CHR5	31383236	CHR5:31383236	SSF x Near_LoA	-8,72043617	0,015	0,317
CHR5	31389655	CHR5:31389655	SSF x Near_LoA	-11,156075	0,014	0,312
CHR5	31389982	CHR5:31389982	SSF x Near_LoA	-11,1275359	-0,066	0,282
CHR5	31390004	CHR5:31390004	SSF x Near_LoA	-10,6490909	0,113	0,293
CHR5	31390088	CHR5:31390088	SSF x Near_LoA	-9,11259652	0,084	0,309
CHR5	31396788	CHR5:31396788	SSF x Near_LoA	-9,4901807	0,006	0,296
CHR5	31396797	CHR5:31396797	SSF x Near_LoA	-9,96441127	0,079	0,306
CHR5	3140955	CHR5:3140955	SSF x Near_LoA	-8,48642419	-0,076	0,304
CHR5	3141122	CHR5:3141122	SSF x Near_LoA	-10,9845236	0,109	0,304
CHR5	31416240	CHR5:31416240	SSF x Near_LoA	-10,0366037	0,083	0,313
CHR5	31421382	CHR5:31421382	SSF x Near_LoA	-10,1656476	0,051	0,317
CHR5	31421384	CHR5:31421384	SSF x Near_LoA	-10,9851263	0,005	0,312
CHR5	31421420	CHR5:31421420	SSF x Near_LoA	-9,3083799	-0,096	0,307
CHR5	31421439	CHR5:31421439	SSF x Near_LoA	-10,0382535	-0,117	0,298
CHR5	31421516	CHR5:31421516	SSF x Near_LoA	-9,98333533	0,058	0,297
CHR5	3142555	CHR5:3142555	SSF x Near_LoA	-2,29107769	0,055	0,303
CHR5	3142566	CHR5:3142566	SSF x Near_LoA	-11,4835721	-0,046	0,304
CHR5	31425762	CHR5:31425762	SSF x Near_LoA	-11,0711961	0,010	0,303
CHR5	3142585	CHR5:3142585	SSF x Near_LoA	-9,22719865	0,081	0,313
CHR5	31425915	CHR5:31425915	SSF x Near_LoA	-11,033763	-0,015	0,317
CHR5	3142620	CHR5:3142620	SSF x Near_LoA	-10,6062284	0,097	0,299
CHR5	3142649	CHR5:3142649	SSF x Near_LoA	0,21791591	0,036	0,304

CHR5	31432208	CHR5:31432208	SSF x Near_LoA	-9,13577514	-0,012	0,318
CHR5	31432213	CHR5:31432213	SSF x Near_LoA	-9,00651664	0,046	0,298
CHR5	31432228	CHR5:31432228	SSF x Near_LoA	-11,7092245	-0,024	0,298
CHR5	31432236	CHR5:31432236	SSF x Near_LoA	-9,86009365	0,067	0,307
CHR5	31432272	CHR5:31432272	SSF x Near_LoA	-9,85477681	0,043	0,308
CHR5	31432277	CHR5:31432277	SSF x Near_LoA	-9,15578498	-0,140	0,305
CHR5	3143257	CHR5:3143257	SSF x Near_LoA	-8,7191186	0,003	0,307
CHR5	3143279	CHR5:3143279	SSF x Near_LoA	-6,65163092	-0,094	0,313
CHR5	31435287	CHR5:31435287	SSF x Near_LoA	-11,2366635	-0,097	0,291
CHR5	31443634	CHR5:31443634	SSF x Near_LoA	-4,68495971	0,011	0,298
CHR5	31443636	CHR5:31443636	SSF x Near_LoA	-10,9364835	-0,068	0,280
CHR5	31447011	CHR5:31447011	SSF x Near_LoA	-8,53824648	-0,072	0,299
CHR5	3145568	CHR5:3145568	SSF x Near_LoA	-9,28543017	0,155	0,312
CHR5	31456895	CHR5:31456895	SSF x Near_LoA	-10,4037651	0,053	0,305
CHR5	31457035	CHR5:31457035	SSF x Near_LoA	-7,31800242	0,025	0,318
CHR5	31463616	CHR5:31463616	SSF x Near_LoA	-10,8795647	-0,001	0,306
CHR5	31463737	CHR5:31463737	SSF x Near_LoA	-8,15043833	0,033	0,329
CHR5	31463809	CHR5:31463809	SSF x Near_LoA	-10,0477763	0,089	0,295
CHR5	31467569	CHR5:31467569	SSF x Near_LoA	-9,56001966	0,075	0,310
CHR5	31467756	CHR5:31467756	SSF x Near_LoA	-10,55716	0,036	0,304
CHR5	31486494	CHR5:31486494	SSF x Near_LoA	-10,5394276	0,022	0,290
CHR5	31494622	CHR5:31494622	SSF x Near_LoA	-9,00563952	-0,019	0,317
CHR5	31499336	CHR5:31499336	SSF x Near_LoA	-8,63985527	-0,045	0,315
CHR5	31499378	CHR5:31499378	SSF x Near_LoA	-10,7017555	-0,018	0,313
CHR5	31499426	CHR5:31499426	SSF x Near_LoA	-12,1981617	-0,050	0,304
CHR5	31500219	CHR5:31500219	SSF x Near_LoA	-12,390622	0,025	0,297
CHR5	31500323	CHR5:31500323	SSF x Near_LoA	-10,8829594	-0,107	0,306
CHR5	31500389	CHR5:31500389	SSF x Near_LoA	-8,69211419	-0,013	0,304
CHR5	3150315	CHR5:3150315	SSF x Near_LoA	-0,65253897	-0,086	0,297
CHR5	31506977	CHR5:31506977	SSF x Near_LoA	-10,8428734	0,021	0,299
CHR5	31507004	CHR5:31507004	SSF x Near_LoA	-6,32606674	-0,104	0,310
CHR5	31517243	CHR5:31517243	SSF x Near_LoA	-7,76736255	-0,014	0,316
CHR5	31517244	CHR5:31517244	SSF x Near_LoA	-10,0730052	-0,042	0,314
CHR5	31517250	CHR5:31517250	SSF x Near_LoA	-11,9366169	0,023	0,298
CHR5	31517259	CHR5:31517259	SSF x Near_LoA	-10,944883	0,002	0,294
CHR5	31517262	CHR5:31517262	SSF x Near_LoA	-9,49760424	-0,021	0,315
CHR5	31517265	CHR5:31517265	SSF x Near_LoA	-10,8854674	0,017	0,292
CHR5	31517270	CHR5:31517270	SSF x Near_LoA	-9,54361551	-0,014	0,309
CHR5	31517274	CHR5:31517274	SSF x Near_LoA	-7,99483581	0,057	0,315
CHR5	31517369	CHR5:31517369	SSF x Near_LoA	-12,4161176	0,025	0,292
CHR5	31517421	CHR5:31517421	SSF x Near_LoA	-3,42816245	0,222	0,289
CHR5	31517425	CHR5:31517425	SSF x Near_LoA	-7,91921383	0,070	0,316
CHR5	31517445	CHR5:31517445	SSF x Near_LoA	-9,61499103	-0,058	0,304
CHR5	31517509	CHR5:31517509	SSF x Near_LoA	-6,76078963	0,149	0,303
CHR5	31540161	CHR5:31540161	SSF x Near_LoA	-7,38544168	-0,099	0,317
CHR5	31540249	CHR5:31540249	SSF x Near_LoA	-7,66018578	0,118	0,326
CHR5	31540300	CHR5:31540300	SSF x Near_LoA	-8,09594403	-0,030	0,311
CHR5	31540308	CHR5:31540308	SSF x Near_LoA	-9,27236196	-0,037	0,303
CHR5	31540311	CHR5:31540311	SSF x Near_LoA	-11,0653853	0,089	0,299
CHR5	31540383	CHR5:31540383	SSF x Near_LoA	-10,2920942	0,064	0,309
CHR5	31540428	CHR5:31540428	SSF x Near_LoA	-10,2717969	0,049	0,306
CHR5	31540499	CHR5:31540499	SSF x Near_LoA	-4,1505799	-0,078	0,305
CHR5	31543524	CHR5:31543524	SSF x Near_LoA	-6,95830319	-0,148	0,304

CHR5	31543538	CHR5:31543538	SSF x Near_LoA	-10,3099802	-0,017	0,311
CHR5	31543570	CHR5:31543570	SSF x Near_LoA	-7,10717488	-0,058	0,297
CHR5	31545334	CHR5:31545334	SSF x Near_LoA	-8,87260653	-0,060	0,317
CHR5	31545372	CHR5:31545372	SSF x Near_LoA	-7,40414301	0,106	0,316
CHR5	31545428	CHR5:31545428	SSF x Near_LoA	-8,8314083	-0,123	0,293
CHR5	31545492	CHR5:31545492	SSF x Near_LoA	-9,11867524	0,104	0,307
CHR5	31549199	CHR5:31549199	SSF x Near_LoA	-4,95027287	0,039	0,303
CHR5	31549226	CHR5:31549226	SSF x Near_LoA	-10,1092467	0,168	0,290
CHR5	31573081	CHR5:31573081	SSF x Near_LoA	-11,3083198	0,031	0,314
CHR5	31573126	CHR5:31573126	SSF x Near_LoA	-8,62429768	-0,147	0,298
CHR5	31573224	CHR5:31573224	SSF x Near_LoA	-10,5820353	-0,019	0,309
CHR5	31573318	CHR5:31573318	SSF x Near_LoA	-7,31920646	-0,105	0,313
CHR5	31573323	CHR5:31573323	SSF x Near_LoA	-10,3172784	0,043	0,291
CHR5	31577216	CHR5:31577216	SSF x Near_LoA	-10,4852215	0,080	0,304
CHR5	31577280	CHR5:31577280	SSF x Near_LoA	-9,02521716	0,056	0,320
CHR5	31583481	CHR5:31583481	SSF x Near_LoA	-10,2279307	0,063	0,310
CHR5	31587031	CHR5:31587031	SSF x Near_LoA	-9,0808	0,126	0,299
CHR5	31588708	CHR5:31588708	SSF x Near_LoA	-7,86149895	0,009	0,314
CHR5	31588787	CHR5:31588787	SSF x Near_LoA	-7,62759431	-0,085	0,311
CHR5	31589028	CHR5:31589028	SSF x Near_LoA	-3,04397102	0,059	0,313
CHR5	31591690	CHR5:31591690	SSF x Near_LoA	-10,4903169	-0,013	0,298
CHR5	31611800	CHR5:31611800	SSF x Near_LoA	-11,8476002	-0,065	0,297
CHR5	31611924	CHR5:31611924	SSF x Near_LoA	-9,48505166	0,089	0,312
CHR5	31611992	CHR5:31611992	SSF x Near_LoA	-10,5149072	-0,014	0,303
CHR5	31621658	CHR5:31621658	SSF x Near_LoA	-10,6754049	-0,093	0,309
CHR5	31621696	CHR5:31621696	SSF x Near_LoA	-10,3017557	0,088	0,283
CHR5	31621699	CHR5:31621699	SSF x Near_LoA	-7,71021642	0,182	0,292
CHR5	316266	CHR5:316266	SSF x Near_LoA	-8,59039631	0,040	0,303
CHR5	316295	CHR5:316295	SSF x Near_LoA	-9,7897312	-0,021	0,302
CHR5	31635709	CHR5:31635709	SSF x Near_LoA	-5,65009202	0,090	0,313
CHR5	31648344	CHR5:31648344	SSF x Near_LoA	-10,0444403	-0,040	0,306
CHR5	31648346	CHR5:31648346	SSF x Near_LoA	-7,55191565	-0,075	0,306
CHR5	31648350	CHR5:31648350	SSF x Near_LoA	-5,35677263	-0,014	0,302
CHR5	31648514	CHR5:31648514	SSF x Near_LoA	-8,04520566	-0,096	0,315
CHR5	31648515	CHR5:31648515	SSF x Near_LoA	-10,8960205	-0,082	0,321
CHR5	31648528	CHR5:31648528	SSF x Near_LoA	-9,09463154	-0,033	0,301
CHR5	3164955	CHR5:3164955	SSF x Near_LoA	-9,39905001	-0,051	0,296
CHR5	31650722	CHR5:31650722	SSF x Near_LoA	-9,23417019	-0,071	0,293
CHR5	31650960	CHR5:31650960	SSF x Near_LoA	-8,5488102	-0,076	0,304
CHR5	31652524	CHR5:31652524	SSF x Near_LoA	-8,31381907	0,039	0,305
CHR5	31654951	CHR5:31654951	SSF x Near_LoA	-11,9224	-0,023	0,312
CHR5	31654984	CHR5:31654984	SSF x Near_LoA	-8,58616869	-0,001	0,307
CHR5	31654995	CHR5:31654995	SSF x Near_LoA	-6,21946568	0,029	0,308
CHR5	31655002	CHR5:31655002	SSF x Near_LoA	-10,3378425	-0,044	0,290
CHR5	31655004	CHR5:31655004	SSF x Near_LoA	-9,67398376	-0,027	0,300
CHR5	31659668	CHR5:31659668	SSF x Near_LoA	-6,43773433	-0,079	0,303
CHR5	31659669	CHR5:31659669	SSF x Near_LoA	-10,4625021	-0,052	0,310
CHR5	31669887	CHR5:31669887	SSF x Near_LoA	-10,0904096	0,060	0,319
CHR5	31669999	CHR5:31669999	SSF x Near_LoA	-9,71854398	-0,021	0,307
CHR5	31670001	CHR5:31670001	SSF x Near_LoA	-8,97558057	-0,005	0,321
CHR5	31672217	CHR5:31672217	SSF x Near_LoA	-7,7253954	0,173	0,304
CHR5	31672224	CHR5:31672224	SSF x Near_LoA	-10,1034859	0,027	0,300
CHR5	3168304	CHR5:3168304	SSF x Near_LoA	-9,12380001	-0,039	0,310

CHR5	31684954	CHR5:31684954	SSF x Near_LoA	-8,5426706	0,062	0,321
CHR5	31685022	CHR5:31685022	SSF x Near_LoA	-11,3491124	-0,090	0,310
CHR5	31693469	CHR5:31693469	SSF x Near_LoA	-10,6719384	-0,041	0,319
CHR5	31693652	CHR5:31693652	SSF x Near_LoA	-10,4798886	-0,051	0,328
CHR5	31710609	CHR5:31710609	SSF x Near_LoA	-7,12544083	0,160	0,305
CHR5	31710660	CHR5:31710660	SSF x Near_LoA	-12,1567964	0,043	0,312
CHR5	31710680	CHR5:31710680	SSF x Near_LoA	-9,36882193	-0,055	0,310
CHR5	31710694	CHR5:31710694	SSF x Near_LoA	-9,52586119	-0,040	0,294
CHR5	31710733	CHR5:31710733	SSF x Near_LoA	-7,07260747	0,125	0,304
CHR5	31710760	CHR5:31710760	SSF x Near_LoA	-7,94268625	-0,051	0,307
CHR5	31710765	CHR5:31710765	SSF x Near_LoA	-5,88235072	-0,080	0,314
CHR5	31710769	CHR5:31710769	SSF x Near_LoA	-9,48523615	-0,072	0,300
CHR5	31713032	CHR5:31713032	SSF x Near_LoA	-2,91630938	0,207	0,303
CHR5	31713049	CHR5:31713049	SSF x Near_LoA	-10,6901515	-0,024	0,296
CHR5	31713211	CHR5:31713211	SSF x Near_LoA	-10,3105452	0,067	0,289
CHR5	31713269	CHR5:31713269	SSF x Near_LoA	-0,32227265	0,044	0,319
CHR5	31728114	CHR5:31728114	SSF x Near_LoA	-10,4453654	-0,054	0,316
CHR5	31733340	CHR5:31733340	SSF x Near_LoA	-9,92244221	-0,005	0,289
CHR5	31734700	CHR5:31734700	SSF x Near_LoA	-9,06524596	0,009	0,299
CHR5	31736407	CHR5:31736407	SSF x Near_LoA	-9,41455595	-0,041	0,315
CHR5	31738351	CHR5:31738351	SSF x Near_LoA	-11,8851755	0,016	0,302
CHR5	31738356	CHR5:31738356	SSF x Near_LoA	-9,80769294	0,006	0,302
CHR5	31738460	CHR5:31738460	SSF x Near_LoA	-6,84820423	-0,044	0,297
CHR5	31748465	CHR5:31748465	SSF x Near_LoA	-8,56904615	0,058	0,316
CHR5	31748570	CHR5:31748570	SSF x Near_LoA	-10,4309162	0,082	0,306
CHR5	31760899	CHR5:31760899	SSF x Near_LoA	-10,3244479	-0,075	0,316
CHR5	31760997	CHR5:31760997	SSF x Near_LoA	-7,46646133	-0,134	0,309
CHR5	31768288	CHR5:31768288	SSF x Near_LoA	-6,95793168	0,052	0,298
CHR5	31768389	CHR5:31768389	SSF x Near_LoA	-8,86174386	0,037	0,286
CHR5	31771455	CHR5:31771455	SSF x Near_LoA	-6,32821823	0,080	0,305
CHR5	31771524	CHR5:31771524	SSF x Near_LoA	-10,0375086	-0,014	0,310
CHR5	31771539	CHR5:31771539	SSF x Near_LoA	-4,30653736	0,047	0,314
CHR5	31771639	CHR5:31771639	SSF x Near_LoA	-8,48883564	0,001	0,321
CHR5	31773674	CHR5:31773674	SSF x Near_LoA	-10,9936332	0,020	0,313
CHR5	31773845	CHR5:31773845	SSF x Near_LoA	-10,9581968	-0,016	0,310
CHR5	31795633	CHR5:31795633	SSF x Near_LoA	-7,54003866	-0,022	0,293
CHR5	31795656	CHR5:31795656	SSF x Near_LoA	-4,39397265	0,016	0,312
CHR5	31797824	CHR5:31797824	SSF x Near_LoA	-9,9017557	-0,002	0,300
CHR5	31797860	CHR5:31797860	SSF x Near_LoA	-7,71599424	-0,094	0,312
CHR5	31797945	CHR5:31797945	SSF x Near_LoA	-11,3046198	-0,038	0,294
CHR5	31815061	CHR5:31815061	SSF x Near_LoA	5,92368402	-0,096	0,295
CHR5	3182242	CHR5:3182242	SSF x Near_LoA	-10,4838222	0,051	0,317
CHR5	3182280	CHR5:3182280	SSF x Near_LoA	-8,9275835	-0,024	0,319
CHR5	3182281	CHR5:3182281	SSF x Near_LoA	-7,23969176	0,010	0,309
CHR5	3182286	CHR5:3182286	SSF x Near_LoA	-9,63034528	-0,046	0,308
CHR5	3182294	CHR5:3182294	SSF x Near_LoA	-10,5331481	0,084	0,299
CHR5	3182316	CHR5:3182316	SSF x Near_LoA	-9,1531242	-0,013	0,303
CHR5	3182336	CHR5:3182336	SSF x Near_LoA	-11,4927685	-0,007	0,307
CHR5	3182348	CHR5:3182348	SSF x Near_LoA	-10,2645041	0,060	0,317
CHR5	31827329	CHR5:31827329	SSF x Near_LoA	-7,03261704	0,083	0,317
CHR5	31827349	CHR5:31827349	SSF x Near_LoA	-4,14395302	0,117	0,322
CHR5	31830005	CHR5:31830005	SSF x Near_LoA	-9,28696541	-0,027	0,307
CHR5	31830088	CHR5:31830088	SSF x Near_LoA	-11,5700493	-0,039	0,303

CHR5	31845481	CHR5:31845481	SSF x Near_LoA	-8,30695578	-0,053	0,305
CHR5	3185580	CHR5:3185580	SSF x Near_LoA	-11,3033377	-0,035	0,314
CHR5	3185636	CHR5:3185636	SSF x Near_LoA	-10,4534371	0,021	0,315
CHR5	3185643	CHR5:3185643	SSF x Near_LoA	-10,5246929	-0,023	0,320
CHR5	3185647	CHR5:3185647	SSF x Near_LoA	-11,1331522	0,004	0,310
CHR5	31856938	CHR5:31856938	SSF x Near_LoA	-8,34155893	0,062	0,313
CHR5	31856972	CHR5:31856972	SSF x Near_LoA	-8,76135826	0,037	0,300
CHR5	31857005	CHR5:31857005	SSF x Near_LoA	-9,33362038	-0,110	0,322
CHR5	31857079	CHR5:31857079	SSF x Near_LoA	-9,81513885	0,071	0,307
CHR5	31857162	CHR5:31857162	SSF x Near_LoA	-1,51195643	0,101	0,302
CHR5	3185747	CHR5:3185747	SSF x Near_LoA	-11,5403322	0,012	0,313
CHR5	31870569	CHR5:31870569	SSF x Near_LoA	-9,22103826	0,156	0,302
CHR5	31870758	CHR5:31870758	SSF x Near_LoA	-10,9756496	0,074	0,318
CHR5	3194726	CHR5:3194726	SSF x Near_LoA	-7,69744471	-0,074	0,291
CHR5	3194733	CHR5:3194733	SSF x Near_LoA	-10,3787284	-0,080	0,308
CHR5	3194735	CHR5:3194735	SSF x Near_LoA	-7,13535649	0,193	0,294
CHR5	31949748	CHR5:31949748	SSF x Near_LoA	-11,599761	0,048	0,313
CHR5	31962882	CHR5:31962882	SSF x Near_LoA	-7,95227505	-0,122	0,324
CHR5	31963358	CHR5:31963358	SSF x Near_LoA	-10,6063347	-0,043	0,298
CHR5	3196925	CHR5:3196925	SSF x Near_LoA	-8,03848885	-0,038	0,309
CHR5	31979207	CHR5:31979207	SSF x Near_LoA	-7,26174561	0,125	0,309
CHR5	31979222	CHR5:31979222	SSF x Near_LoA	-4,38452922	0,098	0,301
CHR5	31979238	CHR5:31979238	SSF x Near_LoA	-7,91404055	0,114	0,314
CHR5	31979271	CHR5:31979271	SSF x Near_LoA	-7,84847972	0,119	0,310
CHR5	31979283	CHR5:31979283	SSF x Near_LoA	-8,38964537	0,114	0,309
CHR5	31979296	CHR5:31979296	SSF x Near_LoA	-9,52971728	0,101	0,306
CHR5	31979325	CHR5:31979325	SSF x Near_LoA	-5,94048364	0,043	0,303
CHR5	31979328	CHR5:31979328	SSF x Near_LoA	-8,66001958	0,078	0,317
CHR5	32000759	CHR5:32000759	SSF x Near_LoA	-10,5495694	-0,044	0,283
CHR5	32006339	CHR5:32006339	SSF x Near_LoA	-6,95307551	0,066	0,304
CHR5	32006341	CHR5:32006341	SSF x Near_LoA	-2,76999481	0,075	0,303
CHR5	32006343	CHR5:32006343	SSF x Near_LoA	-10,5098011	0,058	0,299
CHR5	32021267	CHR5:32021267	SSF x Near_LoA	-9,59861508	-0,014	0,306
CHR5	3203331	CHR5:3203331	SSF x Near_LoA	-8,63629959	-0,055	0,309
CHR5	3203607	CHR5:3203607	SSF x Near_LoA	-10,1925435	-0,083	0,302
CHR5	3203630	CHR5:3203630	SSF x Near_LoA	-4,40855772	0,120	0,308
CHR5	32037703	CHR5:32037703	SSF x Near_LoA	-9,32277363	-0,006	0,308
CHR5	32051331	CHR5:32051331	SSF x Near_LoA	-7,37300246	0,028	0,308
CHR5	32055160	CHR5:32055160	SSF x Near_LoA	-8,60546484	-0,069	0,318
CHR5	32062221	CHR5:32062221	SSF x Near_LoA	-9,83208457	-0,005	0,307
CHR5	32062362	CHR5:32062362	SSF x Near_LoA	-9,18766964	0,010	0,324
CHR5	32062371	CHR5:32062371	SSF x Near_LoA	-9,43913003	0,021	0,307
CHR5	32062372	CHR5:32062372	SSF x Near_LoA	-10,537711	-0,009	0,312
CHR5	3206362	CHR5:3206362	SSF x Near_LoA	-9,58647626	0,091	0,305
CHR5	3206439	CHR5:3206439	SSF x Near_LoA	-10,7374695	-0,059	0,299
CHR5	3206474	CHR5:3206474	SSF x Near_LoA	-9,83296609	0,024	0,323
CHR5	3206481	CHR5:3206481	SSF x Near_LoA	-8,4398514	0,018	0,320
CHR5	32075341	CHR5:32075341	SSF x Near_LoA	-9,32949704	0,011	0,308
CHR5	32075342	CHR5:32075342	SSF x Near_LoA	-10,2044287	0,074	0,296
CHR5	32075344	CHR5:32075344	SSF x Near_LoA	-7,84850278	0,113	0,305
CHR5	32075377	CHR5:32075377	SSF x Near_LoA	-4,64365113	0,083	0,304
CHR5	32075584	CHR5:32075584	SSF x Near_LoA	-8,28375686	0,028	0,327
CHR5	32082681	CHR5:32082681	SSF x Near_LoA	-10,7217859	0,024	0,315

CHR5	32090589	CHR5:32090589	SSF x Near_LoA	-9,32260568	-0,022	0,300
CHR5	32090821	CHR5:32090821	SSF x Near_LoA	-8,33374455	0,146	0,306
CHR5	32090835	CHR5:32090835	SSF x Near_LoA	-7,45353259	0,020	0,316
CHR5	32092294	CHR5:32092294	SSF x Near_LoA	-6,75653407	-0,064	0,313
CHR5	32094640	CHR5:32094640	SSF x Near_LoA	-9,58276406	0,039	0,292
CHR5	32094667	CHR5:32094667	SSF x Near_LoA	4,46130961	-0,011	0,305
CHR5	32094672	CHR5:32094672	SSF x Near_LoA	-8,16302012	0,073	0,306
CHR5	32097093	CHR5:32097093	SSF x Near_LoA	-7,06793654	-0,018	0,305
CHR5	32097096	CHR5:32097096	SSF x Near_LoA	-7,95940609	0,027	0,296
CHR5	32097098	CHR5:32097098	SSF x Near_LoA	-7,84703806	-0,005	0,307
CHR5	32097159	CHR5:32097159	SSF x Near_LoA	-10,4755267	-0,006	0,285
CHR5	32102569	CHR5:32102569	SSF x Near_LoA	-10,235033	-0,079	0,305
CHR5	32102666	CHR5:32102666	SSF x Near_LoA	-9,58372736	-0,051	0,317
CHR5	3210924	CHR5:3210924	SSF x Near_LoA	-10,2641663	0,066	0,307
CHR5	3211176	CHR5:3211176	SSF x Near_LoA	-8,0763471	-0,045	0,307
CHR5	3211199	CHR5:3211199	SSF x Near_LoA	-10,6426169	-0,022	0,306
CHR5	32114077	CHR5:32114077	SSF x Near_LoA	-11,7174342	0,046	0,304
CHR5	32114087	CHR5:32114087	SSF x Near_LoA	-9,64520842	-0,007	0,313
CHR5	32118175	CHR5:32118175	SSF x Near_LoA	-8,92575248	0,067	0,314
CHR5	32118180	CHR5:32118180	SSF x Near_LoA	-9,31285776	0,078	0,314
CHR5	32118274	CHR5:32118274	SSF x Near_LoA	-7,89919499	0,004	0,326
CHR5	3212267	CHR5:3212267	SSF x Near_LoA	-10,3923149	-0,121	0,307
CHR5	3212271	CHR5:3212271	SSF x Near_LoA	-10,3542373	0,102	0,298
CHR5	3212278	CHR5:3212278	SSF x Near_LoA	-11,2637917	-0,026	0,312
CHR5	3212304	CHR5:3212304	SSF x Near_LoA	-12,043066	0,046	0,317
CHR5	32123107	CHR5:32123107	SSF x Near_LoA	-9,68504075	0,073	0,309
CHR5	32123125	CHR5:32123125	SSF x Near_LoA	-7,1470882	0,006	0,296
CHR5	32123201	CHR5:32123201	SSF x Near_LoA	-8,38715664	0,000	0,309
CHR5	3212465	CHR5:3212465	SSF x Near_LoA	-7,83189915	-0,017	0,317
CHR5	32132958	CHR5:32132958	SSF x Near_LoA	-9,66867895	0,045	0,299
CHR5	32140144	CHR5:32140144	SSF x Near_LoA	-10,0346797	-0,021	0,309
CHR5	32140180	CHR5:32140180	SSF x Near_LoA	-7,67406106	-0,110	0,291
CHR5	32140196	CHR5:32140196	SSF x Near_LoA	-9,56335671	0,067	0,321
CHR5	32140201	CHR5:32140201	SSF x Near_LoA	-9,86854482	-0,038	0,297
CHR5	32140231	CHR5:32140231	SSF x Near_LoA	-9,65378737	-0,082	0,305
CHR5	32143559	CHR5:32143559	SSF x Near_LoA	-9,74038698	-0,040	0,308
CHR5	32143594	CHR5:32143594	SSF x Near_LoA	-9,84881085	0,104	0,302
CHR5	32143665	CHR5:32143665	SSF x Near_LoA	-9,98216088	-0,089	0,308
CHR5	32143666	CHR5:32143666	SSF x Near_LoA	-9,16138509	-0,072	0,304
CHR5	32143667	CHR5:32143667	SSF x Near_LoA	-9,82008118	-0,066	0,305
CHR5	32143727	CHR5:32143727	SSF x Near_LoA	-9,82437591	-0,025	0,301
CHR5	32147493	CHR5:32147493	SSF x Near_LoA	-9,03066495	0,079	0,312
CHR5	32147581	CHR5:32147581	SSF x Near_LoA	-6,77529443	0,132	0,302
CHR5	32147651	CHR5:32147651	SSF x Near_LoA	-10,8155498	-0,024	0,289
CHR5	32147663	CHR5:32147663	SSF x Near_LoA	-10,2239909	0,050	0,308
CHR5	32151091	CHR5:32151091	SSF x Near_LoA	-6,45527343	0,169	0,284
CHR5	32151910	CHR5:32151910	SSF x Near_LoA	-6,68652986	0,104	0,307
CHR5	32155481	CHR5:32155481	SSF x Near_LoA	-8,23347046	-0,052	0,322
CHR5	32155489	CHR5:32155489	SSF x Near_LoA	-7,82411243	-0,045	0,324
CHR5	32155491	CHR5:32155491	SSF x Near_LoA	-6,57225137	-0,054	0,316
CHR5	32190015	CHR5:32190015	SSF x Near_LoA	-10,6605552	0,020	0,306
CHR5	32190918	CHR5:32190918	SSF x Near_LoA	-10,6394922	0,032	0,304
CHR5	32201366	CHR5:32201366	SSF x Near_LoA	-8,6061079	0,011	0,315

CHR5	3220333	CHR5:3220333	SSF x Near_LoA	-10,6616271	-0,076	0,306
CHR5	3220529	CHR5:3220529	SSF x Near_LoA	-10,6316854	-0,005	0,311
CHR5	3220547	CHR5:3220547	SSF x Near_LoA	-11,2593521	-0,052	0,303
CHR5	32212603	CHR5:32212603	SSF x Near_LoA	-7,41567746	-0,039	0,302
CHR5	32212650	CHR5:32212650	SSF x Near_LoA	-11,1323093	-0,032	0,314
CHR5	32216332	CHR5:32216332	SSF x Near_LoA	-7,76811767	-0,068	0,317
CHR5	32233828	CHR5:32233828	SSF x Near_LoA	-8,98286882	-0,072	0,304
CHR5	32233873	CHR5:32233873	SSF x Near_LoA	-9,79454392	0,026	0,301
CHR5	32233899	CHR5:32233899	SSF x Near_LoA	-9,31966388	0,001	0,303
CHR5	3223407	CHR5:3223407	SSF x Near_LoA	-4,62964316	-0,107	0,316
CHR5	32235116	CHR5:32235116	SSF x Near_LoA	-5,33573529	0,008	0,298
CHR5	32235179	CHR5:32235179	SSF x Near_LoA	-10,1477476	0,051	0,292
CHR5	32235184	CHR5:32235184	SSF x Near_LoA	-11,6332683	0,016	0,300
CHR5	32235191	CHR5:32235191	SSF x Near_LoA	-7,62712141	0,085	0,294
CHR5	32235211	CHR5:32235211	SSF x Near_LoA	-8,19476504	0,021	0,302
CHR5	3223558	CHR5:3223558	SSF x Near_LoA	-9,96102315	0,035	0,310
CHR5	3223573	CHR5:3223573	SSF x Near_LoA	-6,76745258	-0,186	0,295
CHR5	3223601	CHR5:3223601	SSF x Near_LoA	-10,6875176	0,024	0,314
CHR5	3223626	CHR5:3223626	SSF x Near_LoA	-10,7972213	-0,020	0,311
CHR5	3223642	CHR5:3223642	SSF x Near_LoA	-7,98926874	0,126	0,302
CHR5	3223647	CHR5:3223647	SSF x Near_LoA	2,9149876	0,125	0,308
CHR5	3223663	CHR5:3223663	SSF x Near_LoA	-9,58363556	0,083	0,291
CHR5	3223719	CHR5:3223719	SSF x Near_LoA	-9,14827113	0,033	0,307
CHR5	32250945	CHR5:32250945	SSF x Near_LoA	-7,48317917	0,154	0,296
CHR5	32250989	CHR5:32250989	SSF x Near_LoA	-8,58202723	-0,111	0,298
CHR5	32255655	CHR5:32255655	SSF x Near_LoA	-10,362765	-0,083	0,299
CHR5	32255678	CHR5:32255678	SSF x Near_LoA	-10,8036539	-0,055	0,311
CHR5	32255753	CHR5:32255753	SSF x Near_LoA	-8,60763541	-0,002	0,321
CHR5	32270004	CHR5:32270004	SSF x Near_LoA	2,59568692	0,078	0,299
CHR5	32270005	CHR5:32270005	SSF x Near_LoA	-7,37521306	0,099	0,295
CHR5	32270044	CHR5:32270044	SSF x Near_LoA	-9,79840419	0,105	0,296
CHR5	32270060	CHR5:32270060	SSF x Near_LoA	-7,70172338	-0,011	0,310
CHR5	32286427	CHR5:32286427	SSF x Near_LoA	-7,33111448	-0,142	0,290
CHR5	32295075	CHR5:32295075	SSF x Near_LoA	-8,42934284	0,013	0,305
CHR5	32295076	CHR5:32295076	SSF x Near_LoA	-8,8586878	0,001	0,304
CHR5	32297818	CHR5:32297818	SSF x Near_LoA	-0,68406981	-0,133	0,309
CHR5	32297885	CHR5:32297885	SSF x Near_LoA	-9,07281647	0,112	0,288
CHR5	32297921	CHR5:32297921	SSF x Near_LoA	-7,68963689	0,169	0,287
CHR5	32309131	CHR5:32309131	SSF x Near_LoA	-9,99335734	-0,048	0,312
CHR5	32309170	CHR5:32309170	SSF x Near_LoA	-9,28045932	0,047	0,306
CHR5	32309184	CHR5:32309184	SSF x Near_LoA	-6,56465568	-0,064	0,299
CHR5	32325971	CHR5:32325971	SSF x Near_LoA	-11,7666378	0,003	0,300
CHR5	32330557	CHR5:32330557	SSF x Near_LoA	-11,3591865	0,012	0,314
CHR5	32330656	CHR5:32330656	SSF x Near_LoA	-11,9280027	0,004	0,316
CHR5	32332226	CHR5:32332226	SSF x Near_LoA	-8,27704233	0,034	0,310
CHR5	32334689	CHR5:32334689	SSF x Near_LoA	-11,6313988	0,038	0,296
CHR5	32334704	CHR5:32334704	SSF x Near_LoA	-3,95231981	0,152	0,298
CHR5	32334754	CHR5:32334754	SSF x Near_LoA	-8,96616549	0,090	0,308
CHR5	3233933	CHR5:3233933	SSF x Near_LoA	-10,9622835	-0,046	0,321
CHR5	3233965	CHR5:3233965	SSF x Near_LoA	-8,94688234	0,057	0,307
CHR5	3234129	CHR5:3234129	SSF x Near_LoA	-11,47044	-0,008	0,304
CHR5	32343633	CHR5:32343633	SSF x Near_LoA	-7,02253371	0,135	0,312
CHR5	32344860	CHR5:32344860	SSF x Near_LoA	-9,48401116	-0,084	0,311

CHR5	32344905	CHR5:32344905	SSF x Near_LoA	-10,5700738	-0,092	0,302
CHR5	323497	CHR5:323497	SSF x Near_LoA	-8,21973266	-0,029	0,302
CHR5	323526	CHR5:323526	SSF x Near_LoA	-9,61425604	0,035	0,299
CHR5	3235745	CHR5:3235745	SSF x Near_LoA	-7,42047099	-0,066	0,307
CHR5	3235889	CHR5:3235889	SSF x Near_LoA	-11,3109297	-0,011	0,297
CHR5	323592	CHR5:323592	SSF x Near_LoA	-7,60677635	-0,004	0,329
CHR5	3235960	CHR5:3235960	SSF x Near_LoA	-7,90992157	0,015	0,318
CHR5	32364342	CHR5:32364342	SSF x Near_LoA	-3,17911977	-0,034	0,309
CHR5	32364656	CHR5:32364656	SSF x Near_LoA	-10,2371164	-0,001	0,312
CHR5	32371348	CHR5:32371348	SSF x Near_LoA	-9,91361624	-0,049	0,298
CHR5	32373615	CHR5:32373615	SSF x Near_LoA	-10,5202504	-0,011	0,310
CHR5	32392742	CHR5:32392742	SSF x Near_LoA	-10,4767552	-0,064	0,311
CHR5	32392862	CHR5:32392862	SSF x Near_LoA	-9,07128461	0,145	0,299
CHR5	32392940	CHR5:32392940	SSF x Near_LoA	-10,1883408	0,095	0,291
CHR5	32392961	CHR5:32392961	SSF x Near_LoA	-3,54471553	-0,113	0,315
CHR5	32395620	CHR5:32395620	SSF x Near_LoA	-8,27492383	-0,151	0,293
CHR5	32395647	CHR5:32395647	SSF x Near_LoA	-2,41995529	-0,164	0,303
CHR5	32395768	CHR5:32395768	SSF x Near_LoA	-10,6636413	0,067	0,307
CHR5	32395772	CHR5:32395772	SSF x Near_LoA	-2,00264355	0,177	0,300
CHR5	32395773	CHR5:32395773	SSF x Near_LoA	-6,70970568	0,195	0,292
CHR5	32395788	CHR5:32395788	SSF x Near_LoA	-8,10075195	0,188	0,292
CHR5	32402477	CHR5:32402477	SSF x Near_LoA	-11,2641481	0,111	0,303
CHR5	32417422	CHR5:32417422	SSF x Near_LoA	-10,1409414	-0,018	0,305
CHR5	32417554	CHR5:32417554	SSF x Near_LoA	-11,7227248	0,043	0,298
CHR5	32474229	CHR5:32474229	SSF x Near_LoA	-8,68726674	0,105	0,300
CHR5	32524897	CHR5:32524897	SSF x Near_LoA	-8,33478316	0,027	0,314
CHR5	32524944	CHR5:32524944	SSF x Near_LoA	-9,65868491	0,106	0,302
CHR5	32525068	CHR5:32525068	SSF x Near_LoA	-10,4497687	0,133	0,306
CHR5	3252869	CHR5:3252869	SSF x Near_LoA	-4,37198339	0,049	0,303
CHR5	32531416	CHR5:32531416	SSF x Near_LoA	-10,2507058	0,042	0,295
CHR5	32580201	CHR5:32580201	SSF x Near_LoA	-8,26845046	0,012	0,306
CHR5	32585497	CHR5:32585497	SSF x Near_LoA	-11,4306872	0,001	0,307
CHR5	32585533	CHR5:32585533	SSF x Near_LoA	-10,2867053	0,057	0,324
CHR5	32604979	CHR5:32604979	SSF x Near_LoA	-7,6846355	-0,071	0,320
CHR5	32605045	CHR5:32605045	SSF x Near_LoA	-5,47405569	-0,083	0,318
CHR5	32616471	CHR5:32616471	SSF x Near_LoA	-9,45026354	-0,128	0,310
CHR5	32623096	CHR5:32623096	SSF x Near_LoA	-11,696432	-0,101	0,305
CHR5	32635227	CHR5:32635227	SSF x Near_LoA	-7,55667148	0,018	0,322
CHR5	32638944	CHR5:32638944	SSF x Near_LoA	-10,0214337	-0,051	0,312
CHR5	32638985	CHR5:32638985	SSF x Near_LoA	-11,7172318	-0,059	0,301
CHR5	32642570	CHR5:32642570	SSF x Near_LoA	-10,084645	-0,038	0,295
CHR5	32642768	CHR5:32642768	SSF x Near_LoA	-10,5152863	-0,009	0,302
CHR5	32651525	CHR5:32651525	SSF x Near_LoA	-9,77374749	-0,051	0,306
CHR5	32651607	CHR5:32651607	SSF x Near_LoA	-9,0119582	0,131	0,303
CHR5	3269862	CHR5:3269862	SSF x Near_LoA	-11,1812117	-0,051	0,301
CHR5	3272496	CHR5:3272496	SSF x Near_LoA	-9,81055998	0,061	0,307
CHR5	3272507	CHR5:3272507	SSF x Near_LoA	-8,2411026	-0,086	0,302
CHR5	3273246	CHR5:3273246	SSF x Near_LoA	-9,42343848	-0,008	0,306
CHR5	3275451	CHR5:3275451	SSF x Near_LoA	-9,30731205	0,053	0,308
CHR5	3275453	CHR5:3275453	SSF x Near_LoA	-10,2342	-0,037	0,304
CHR5	3276281	CHR5:3276281	SSF x Near_LoA	-4,58333596	0,023	0,316
CHR5	3276346	CHR5:3276346	SSF x Near_LoA	-7,05868869	-0,012	0,323
CHR5	3277420	CHR5:3277420	SSF x Near_LoA	-9,36469656	-0,026	0,302

CHR5	3277484	CHR5:3277484	SSF x Near_LoA	-8,58754364	0,100	0,309
CHR5	3277486	CHR5:3277486	SSF x Near_LoA	-8,34389224	0,054	0,304
CHR5	3277511	CHR5:3277511	SSF x Near_LoA	-11,3639265	-0,003	0,301
CHR5	3277529	CHR5:3277529	SSF x Near_LoA	-10,8943926	0,054	0,300
CHR5	3279036	CHR5:3279036	SSF x Near_LoA	-8,80309641	-0,081	0,311
CHR5	3288586	CHR5:3288586	SSF x Near_LoA	-10,0860519	-0,027	0,327
CHR5	3288641	CHR5:3288641	SSF x Near_LoA	-10,4085055	0,097	0,304
CHR5	3288647	CHR5:3288647	SSF x Near_LoA	-9,95593525	0,069	0,309
CHR5	3288757	CHR5:3288757	SSF x Near_LoA	-8,2224689	0,048	0,311
CHR5	3291225	CHR5:3291225	SSF x Near_LoA	-8,87257929	0,002	0,307
CHR5	3297545	CHR5:3297545	SSF x Near_LoA	-5,24288176	0,062	0,300
CHR5	3298446	CHR5:3298446	SSF x Near_LoA	-11,279067	0,023	0,291
CHR5	3298479	CHR5:3298479	SSF x Near_LoA	-1,58623889	0,053	0,287
CHR5	3298495	CHR5:3298495	SSF x Near_LoA	-7,53054117	0,105	0,308
CHR5	3298526	CHR5:3298526	SSF x Near_LoA	-7,64550176	-0,035	0,304
CHR5	3298596	CHR5:3298596	SSF x Near_LoA	-10,2690865	-0,056	0,306
CHR5	329894	CHR5:329894	SSF x Near_LoA	-9,62024199	0,030	0,311
CHR5	330056	CHR5:330056	SSF x Near_LoA	-10,2823406	-0,093	0,312
CHR5	330096	CHR5:330096	SSF x Near_LoA	-9,27332849	-0,104	0,297
CHR5	3306897	CHR5:3306897	SSF x Near_LoA	-9,21634458	-0,003	0,295
CHR5	3308340	CHR5:3308340	SSF x Near_LoA	-8,46157774	0,051	0,307
CHR5	3308344	CHR5:3308344	SSF x Near_LoA	-8,3520593	-0,009	0,320
CHR5	3308361	CHR5:3308361	SSF x Near_LoA	-9,06120304	0,035	0,317
CHR5	3308370	CHR5:3308370	SSF x Near_LoA	-9,85070989	0,069	0,314
CHR5	3308380	CHR5:3308380	SSF x Near_LoA	-9,09222314	-0,036	0,312
CHR5	3315483	CHR5:3315483	SSF x Near_LoA	-9,35899606	-0,040	0,310
CHR5	3320788	CHR5:3320788	SSF x Near_LoA	-8,49349361	-0,055	0,303
CHR5	3320790	CHR5:3320790	SSF x Near_LoA	-8,31754513	0,070	0,301
CHR5	3322317	CHR5:3322317	SSF x Near_LoA	-9,07420166	0,030	0,306
CHR5	3326996	CHR5:3326996	SSF x Near_LoA	-11,8119559	0,044	0,300
CHR5	3327053	CHR5:3327053	SSF x Near_LoA	-8,9998859	0,084	0,300
CHR5	3327069	CHR5:3327069	SSF x Near_LoA	-10,4447285	-0,002	0,308
CHR5	3327089	CHR5:3327089	SSF x Near_LoA	-11,1997824	0,080	0,315
CHR5	3327091	CHR5:3327091	SSF x Near_LoA	-9,53146442	0,019	0,308
CHR5	3327122	CHR5:3327122	SSF x Near_LoA	-8,08955042	-0,056	0,318
CHR5	3327127	CHR5:3327127	SSF x Near_LoA	-5,69851704	-0,073	0,304
CHR5	3327184	CHR5:3327184	SSF x Near_LoA	-5,16282097	-0,070	0,288
CHR5	3327192	CHR5:3327192	SSF x Near_LoA	-9,78880231	-0,059	0,294
CHR5	333586	CHR5:333586	SSF x Near_LoA	-9,80993657	0,031	0,304
CHR5	333593	CHR5:333593	SSF x Near_LoA	-6,49803355	-0,025	0,312
CHR5	333754	CHR5:333754	SSF x Near_LoA	-9,87075828	-0,073	0,316
CHR5	3350552	CHR5:3350552	SSF x Near_LoA	-7,81450237	0,056	0,313
CHR5	3350553	CHR5:3350553	SSF x Near_LoA	-8,4364597	0,048	0,305
CHR5	3350641	CHR5:3350641	SSF x Near_LoA	-10,3517588	-0,077	0,302
CHR5	3355874	CHR5:3355874	SSF x Near_LoA	-10,8275219	0,048	0,301
CHR5	3355895	CHR5:3355895	SSF x Near_LoA	-9,96445198	0,028	0,298
CHR5	3356909	CHR5:3356909	SSF x Near_LoA	-8,91310891	0,081	0,302
CHR5	3368887	CHR5:3368887	SSF x Near_LoA	-5,98451663	-0,051	0,320
CHR5	3368889	CHR5:3368889	SSF x Near_LoA	-7,40403145	0,017	0,315
CHR5	3368922	CHR5:3368922	SSF x Near_LoA	-8,01553787	0,072	0,299
CHR5	3368949	CHR5:3368949	SSF x Near_LoA	-8,93848516	-0,185	0,299
CHR5	3368951	CHR5:3368951	SSF x Near_LoA	-8,70524016	-0,086	0,306
CHR5	3368990	CHR5:3368990	SSF x Near_LoA	-3,60451216	-0,216	0,293

CHR5	3369657	CHR5:3369657	SSF x Near_LoA	-8,91738661	-0,017	0,308
CHR5	3369786	CHR5:3369786	SSF x Near_LoA	-9,18773471	-0,002	0,308
CHR5	33714	CHR5:33714	SSF x Near_LoA	-10,7283736	-0,085	0,310
CHR5	3379257	CHR5:3379257	SSF x Near_LoA	-9,54157503	-0,012	0,302
CHR5	3379327	CHR5:3379327	SSF x Near_LoA	-10,7609041	0,052	0,300
CHR5	3381819	CHR5:3381819	SSF x Near_LoA	-9,88355316	0,045	0,313
CHR5	3381844	CHR5:3381844	SSF x Near_LoA	-10,1885403	-0,015	0,311
CHR5	3381917	CHR5:3381917	SSF x Near_LoA	-10,472161	0,016	0,312
CHR5	3381948	CHR5:3381948	SSF x Near_LoA	-8,35486249	-0,074	0,318
CHR5	3383567	CHR5:3383567	SSF x Near_LoA	-10,2627163	0,050	0,311
CHR5	3383697	CHR5:3383697	SSF x Near_LoA	-8,64160378	-0,002	0,308
CHR5	3383713	CHR5:3383713	SSF x Near_LoA	-9,03388397	-0,057	0,308
CHR5	3383761	CHR5:3383761	SSF x Near_LoA	-9,39327569	0,012	0,304
CHR5	3383778	CHR5:3383778	SSF x Near_LoA	-5,89299271	-0,075	0,311
CHR5	3394927	CHR5:3394927	SSF x Near_LoA	-8,66683382	-0,003	0,312
CHR5	3395014	CHR5:3395014	SSF x Near_LoA	-8,75750131	0,156	0,302
CHR5	3395137	CHR5:3395137	SSF x Near_LoA	-8,53334476	0,074	0,314
CHR5	3395191	CHR5:3395191	SSF x Near_LoA	-0,38812064	0,234	0,296
CHR5	3411163	CHR5:3411163	SSF x Near_LoA	-9,4411257	0,055	0,314
CHR5	3411177	CHR5:3411177	SSF x Near_LoA	-9,51197157	0,044	0,301
CHR5	3411261	CHR5:3411261	SSF x Near_LoA	-10,6822249	0,080	0,299
CHR5	3416876	CHR5:3416876	SSF x Near_LoA	-10,91046	0,066	0,299
CHR5	3417006	CHR5:3417006	SSF x Near_LoA	-7,39527084	-0,059	0,312
CHR5	3417836	CHR5:3417836	SSF x Near_LoA	-6,68841337	-0,124	0,305
CHR5	3417840	CHR5:3417840	SSF x Near_LoA	-1,141846	0,031	0,312
CHR5	3417853	CHR5:3417853	SSF x Near_LoA	-9,8084206	-0,086	0,302
CHR5	3417861	CHR5:3417861	SSF x Near_LoA	-6,00031979	-0,076	0,327
CHR5	3421386	CHR5:3421386	SSF x Near_LoA	-6,99147293	0,116	0,314
CHR5	3421409	CHR5:3421409	SSF x Near_LoA	-8,67322865	0,109	0,318
CHR5	3437428	CHR5:3437428	SSF x Near_LoA	-8,44437792	0,087	0,298
CHR5	3444106	CHR5:3444106	SSF x Near_LoA	-9,9990944	-0,065	0,316
CHR5	3444107	CHR5:3444107	SSF x Near_LoA	-7,52865148	-0,112	0,302
CHR5	3446604	CHR5:3446604	SSF x Near_LoA	-6,6092825	-0,093	0,300
CHR5	3446623	CHR5:3446623	SSF x Near_LoA	-8,51215881	-0,044	0,314
CHR5	3446639	CHR5:3446639	SSF x Near_LoA	-8,17115214	-0,092	0,308
CHR5	3446640	CHR5:3446640	SSF x Near_LoA	-8,51564258	-0,079	0,308
CHR5	3451864	CHR5:3451864	SSF x Near_LoA	-8,0182805	0,151	0,303
CHR5	3451882	CHR5:3451882	SSF x Near_LoA	-9,8746584	-0,010	0,303
CHR5	3455926	CHR5:3455926	SSF x Near_LoA	-10,2239483	-0,027	0,290
CHR5	3455974	CHR5:3455974	SSF x Near_LoA	-9,49916542	0,082	0,290
CHR5	3455980	CHR5:3455980	SSF x Near_LoA	-9,16911168	-0,017	0,319
CHR5	3456014	CHR5:3456014	SSF x Near_LoA	-9,34919328	0,069	0,303
CHR5	3456052	CHR5:3456052	SSF x Near_LoA	-8,94719896	-0,045	0,300
CHR5	3463267	CHR5:3463267	SSF x Near_LoA	-7,52204733	-0,068	0,319
CHR5	3463279	CHR5:3463279	SSF x Near_LoA	-10,419643	0,081	0,312
CHR5	3463281	CHR5:3463281	SSF x Near_LoA	-3,16051866	-0,122	0,303
CHR5	3468926	CHR5:3468926	SSF x Near_LoA	-9,16555767	-0,050	0,312
CHR5	3468933	CHR5:3468933	SSF x Near_LoA	-7,29062716	0,065	0,317
CHR5	3469036	CHR5:3469036	SSF x Near_LoA	-10,2779018	0,016	0,297
CHR5	3470373	CHR5:3470373	SSF x Near_LoA	-9,15182614	0,136	0,300
CHR5	3470408	CHR5:3470408	SSF x Near_LoA	-10,8981027	0,073	0,301
CHR5	3480218	CHR5:3480218	SSF x Near_LoA	-9,36697143	0,064	0,318
CHR5	3480260	CHR5:3480260	SSF x Near_LoA	-8,28083739	0,033	0,307

CHR5	3480294	CHR5:3480294	SSF x Near_LoA	-10,7675533	-0,092	0,297
CHR5	3480347	CHR5:3480347	SSF x Near_LoA	-10,3152716	0,026	0,307
CHR5	3480376	CHR5:3480376	SSF x Near_LoA	-11,325024	0,035	0,313
CHR5	3481651	CHR5:3481651	SSF x Near_LoA	-9,89284962	0,099	0,314
CHR5	3481658	CHR5:3481658	SSF x Near_LoA	-9,07585296	-0,065	0,296
CHR5	3481704	CHR5:3481704	SSF x Near_LoA	-7,15695893	-0,049	0,315
CHR5	3484409	CHR5:3484409	SSF x Near_LoA	-10,3542889	-0,023	0,297
CHR5	3485238	CHR5:3485238	SSF x Near_LoA	-11,6104434	0,022	0,302
CHR5	3487060	CHR5:3487060	SSF x Near_LoA	-7,99238551	0,160	0,284
CHR5	3487091	CHR5:3487091	SSF x Near_LoA	-7,93185065	-0,037	0,314
CHR5	3487147	CHR5:3487147	SSF x Near_LoA	-9,15314625	-0,074	0,310
CHR5	3492919	CHR5:3492919	SSF x Near_LoA	-8,15492693	-0,009	0,318
CHR5	3493015	CHR5:3493015	SSF x Near_LoA	-7,92729913	0,042	0,308
CHR5	3496232	CHR5:3496232	SSF x Near_LoA	-7,99497976	0,126	0,295
CHR5	3496295	CHR5:3496295	SSF x Near_LoA	-9,58897755	0,153	0,287
CHR5	3496323	CHR5:3496323	SSF x Near_LoA	-8,89350911	-0,086	0,304
CHR5	3496326	CHR5:3496326	SSF x Near_LoA	-6,81895457	-0,100	0,316
CHR5	3496380	CHR5:3496380	SSF x Near_LoA	-8,55321945	-0,011	0,316
CHR5	3496407	CHR5:3496407	SSF x Near_LoA	-5,59100431	0,137	0,324
CHR5	3498428	CHR5:3498428	SSF x Near_LoA	-7,08810641	-0,025	0,316
CHR5	3510076	CHR5:3510076	SSF x Near_LoA	-8,10169996	-0,127	0,319
CHR5	3510530	CHR5:3510530	SSF x Near_LoA	-10,1377374	0,013	0,317
CHR5	3517085	CHR5:3517085	SSF x Near_LoA	-9,25871956	-0,097	0,301
CHR5	3517089	CHR5:3517089	SSF x Near_LoA	-5,43776896	0,138	0,292
CHR5	3517112	CHR5:3517112	SSF x Near_LoA	-10,9267399	-0,068	0,312
CHR5	3517122	CHR5:3517122	SSF x Near_LoA	-8,87178044	-0,107	0,304
CHR5	3517497	CHR5:3517497	SSF x Near_LoA	-9,19367465	-0,038	0,308
CHR5	3517520	CHR5:3517520	SSF x Near_LoA	-10,8429523	0,006	0,298
CHR5	3517539	CHR5:3517539	SSF x Near_LoA	-9,47239147	-0,009	0,306
CHR5	3517590	CHR5:3517590	SSF x Near_LoA	-9,38325651	-0,097	0,307
CHR5	3522791	CHR5:3522791	SSF x Near_LoA	-7,71903831	-0,123	0,296
CHR5	3532906	CHR5:3532906	SSF x Near_LoA	-8,77233781	0,058	0,310
CHR5	3535532	CHR5:3535532	SSF x Near_LoA	-7,89250767	-0,091	0,315
CHR5	3535568	CHR5:3535568	SSF x Near_LoA	-10,5645381	0,014	0,303
CHR5	3545000	CHR5:3545000	SSF x Near_LoA	-1,98222154	0,231	0,288
CHR5	3545123	CHR5:3545123	SSF x Near_LoA	-7,73819921	-0,014	0,333
CHR5	354854	CHR5:354854	SSF x Near_LoA	-11,5668318	0,094	0,297
CHR5	3555338	CHR5:3555338	SSF x Near_LoA	-7,2020596	0,155	0,304
CHR5	3555545	CHR5:3555545	SSF x Near_LoA	-8,95280319	0,063	0,309
CHR5	3565017	CHR5:3565017	SSF x Near_LoA	-9,00155543	-0,100	0,291
CHR5	3565222	CHR5:3565222	SSF x Near_LoA	-8,39867017	-0,148	0,300
CHR5	356932	CHR5:356932	SSF x Near_LoA	-8,13610561	0,018	0,305
CHR5	3595172	CHR5:3595172	SSF x Near_LoA	-4,31682511	0,199	0,301
CHR5	3595249	CHR5:3595249	SSF x Near_LoA	-9,314768	-0,026	0,302
CHR5	3595404	CHR5:3595404	SSF x Near_LoA	-10,5267141	0,071	0,310
CHR5	3596771	CHR5:3596771	SSF x Near_LoA	-8,85261362	0,009	0,316
CHR5	3596802	CHR5:3596802	SSF x Near_LoA	-10,7335866	-0,004	0,308
CHR5	3596812	CHR5:3596812	SSF x Near_LoA	-10,2245742	-0,105	0,304
CHR5	3596873	CHR5:3596873	SSF x Near_LoA	-10,2719639	0,103	0,293
CHR5	3598803	CHR5:3598803	SSF x Near_LoA	-4,43437782	0,068	0,310
CHR5	3598908	CHR5:3598908	SSF x Near_LoA	-5,84332289	-0,162	0,309
CHR5	3598937	CHR5:3598937	SSF x Near_LoA	-1,411182	-0,151	0,304
CHR5	3598953	CHR5:3598953	SSF x Near_LoA	-8,31492344	-0,026	0,328

CHR5	3598958	CHR5:3598958	SSF x Near_LoA	-9,38995885	-0,104	0,301
CHR5	3598959	CHR5:3598959	SSF x Near_LoA	-7,53155007	-0,084	0,310
CHR5	3598960	CHR5:3598960	SSF x Near_LoA	-6,60795057	-0,111	0,314
CHR5	3598975	CHR5:3598975	SSF x Near_LoA	-3,77518346	0,051	0,309
CHR5	3598976	CHR5:3598976	SSF x Near_LoA	-7,98067966	0,069	0,318
CHR5	3598982	CHR5:3598982	SSF x Near_LoA	-8,43570961	0,006	0,306
CHR5	3599014	CHR5:3599014	SSF x Near_LoA	-1,88929523	0,183	0,305
CHR5	3602100	CHR5:3602100	SSF x Near_LoA	-9,53573251	0,118	0,296
CHR5	3602276	CHR5:3602276	SSF x Near_LoA	-6,41937401	0,138	0,306
CHR5	3602347	CHR5:3602347	SSF x Near_LoA	-8,05946804	-0,024	0,301
CHR5	3602360	CHR5:3602360	SSF x Near_LoA	-6,65344579	-0,029	0,303
CHR5	3602419	CHR5:3602419	SSF x Near_LoA	-11,1803548	0,073	0,310
CHR5	3612989	CHR5:3612989	SSF x Near_LoA	-7,01056219	0,044	0,302
CHR5	3613103	CHR5:3613103	SSF x Near_LoA	-8,88901874	0,015	0,305
CHR5	3614144	CHR5:3614144	SSF x Near_LoA	-9,15634216	-0,043	0,296
CHR5	3614145	CHR5:3614145	SSF x Near_LoA	-8,80925349	0,108	0,309
CHR5	3614175	CHR5:3614175	SSF x Near_LoA	-4,6768271	-0,042	0,304
CHR5	3614201	CHR5:3614201	SSF x Near_LoA	-9,835336	-0,045	0,311
CHR5	3616261	CHR5:3616261	SSF x Near_LoA	-10,0807418	0,052	0,305
CHR5	3616346	CHR5:3616346	SSF x Near_LoA	-9,13599666	0,091	0,308
CHR5	3622190	CHR5:3622190	SSF x Near_LoA	-6,68841134	-0,158	0,300
CHR5	3622234	CHR5:3622234	SSF x Near_LoA	-9,07837385	0,055	0,308
CHR5	3630334	CHR5:3630334	SSF x Near_LoA	-10,0754608	0,087	0,305
CHR5	3633552	CHR5:3633552	SSF x Near_LoA	-9,09851234	0,127	0,283
CHR5	3633716	CHR5:3633716	SSF x Near_LoA	-9,07271922	-0,115	0,300
CHR5	3633725	CHR5:3633725	SSF x Near_LoA	-9,10625811	-0,026	0,318
CHR5	3635747	CHR5:3635747	SSF x Near_LoA	-11,5358527	0,013	0,309
CHR5	3637675	CHR5:3637675	SSF x Near_LoA	-10,863205	0,002	0,309
CHR5	3641271	CHR5:3641271	SSF x Near_LoA	-10,4794821	0,040	0,305
CHR5	3641308	CHR5:3641308	SSF x Near_LoA	-11,2250344	0,018	0,309
CHR5	3643242	CHR5:3643242	SSF x Near_LoA	-10,3573459	-0,113	0,320
CHR5	3643249	CHR5:3643249	SSF x Near_LoA	-10,1497831	-0,118	0,309
CHR5	3643268	CHR5:3643268	SSF x Near_LoA	-9,34165507	0,071	0,308
CHR5	3643279	CHR5:3643279	SSF x Near_LoA	-9,10061435	0,041	0,309
CHR5	3643302	CHR5:3643302	SSF x Near_LoA	-9,15423877	0,074	0,305
CHR5	3643359	CHR5:3643359	SSF x Near_LoA	-10,5175102	-0,052	0,300
CHR5	3643368	CHR5:3643368	SSF x Near_LoA	-6,95212272	-0,126	0,291
CHR5	3643400	CHR5:3643400	SSF x Near_LoA	-9,07728135	0,069	0,310
CHR5	3643432	CHR5:3643432	SSF x Near_LoA	-10,6636315	0,052	0,298
CHR5	3643460	CHR5:3643460	SSF x Near_LoA	-6,24055195	0,120	0,316
CHR5	3647205	CHR5:3647205	SSF x Near_LoA	-10,892797	0,063	0,312
CHR5	3647399	CHR5:3647399	SSF x Near_LoA	-8,78312427	-0,017	0,302
CHR5	3647406	CHR5:3647406	SSF x Near_LoA	-7,92860552	-0,043	0,311
CHR5	3647413	CHR5:3647413	SSF x Near_LoA	-7,12043482	-0,107	0,314
CHR5	3649406	CHR5:3649406	SSF x Near_LoA	-10,1055146	-0,085	0,315
CHR5	3649409	CHR5:3649409	SSF x Near_LoA	-7,32191138	-0,123	0,303
CHR5	3649429	CHR5:3649429	SSF x Near_LoA	-4,09439716	-0,086	0,322
CHR5	3649453	CHR5:3649453	SSF x Near_LoA	-7,30175585	0,120	0,317
CHR5	3649456	CHR5:3649456	SSF x Near_LoA	-10,2062704	-0,088	0,305
CHR5	3649552	CHR5:3649552	SSF x Near_LoA	-10,4777447	-0,079	0,308
CHR5	3663018	CHR5:3663018	SSF x Near_LoA	-6,9206938	0,016	0,317
CHR5	3663082	CHR5:3663082	SSF x Near_LoA	-11,3020747	0,010	0,297
CHR5	3667619	CHR5:3667619	SSF x Near_LoA	-9,07749312	-0,010	0,295

CHR5	3667732	CHR5:3667732	SSF x Near_LoA	-7,9804693	-0,034	0,307
CHR5	3667748	CHR5:3667748	SSF x Near_LoA	-9,86979228	0,007	0,296
CHR5	3668135	CHR5:3668135	SSF x Near_LoA	-9,2456036	0,068	0,305
CHR5	3668165	CHR5:3668165	SSF x Near_LoA	-10,558515	-0,080	0,312
CHR5	3668840	CHR5:3668840	SSF x Near_LoA	-7,82399519	0,119	0,306
CHR5	3668850	CHR5:3668850	SSF x Near_LoA	-9,26082628	-0,081	0,316
CHR5	3668888	CHR5:3668888	SSF x Near_LoA	-9,19458875	-0,038	0,304
CHR5	3669860	CHR5:3669860	SSF x Near_LoA	-8,59283608	-0,071	0,310
CHR5	3670167	CHR5:3670167	SSF x Near_LoA	-9,09137521	-0,218	0,295
CHR5	367090	CHR5:367090	SSF x Near_LoA	-8,3253226	0,029	0,315
CHR5	367108	CHR5:367108	SSF x Near_LoA	-10,1482043	0,035	0,320
CHR5	367252	CHR5:367252	SSF x Near_LoA	-8,97242437	-0,041	0,307
CHR5	367307	CHR5:367307	SSF x Near_LoA	-8,90855213	-0,008	0,322
CHR5	3680285	CHR5:3680285	SSF x Near_LoA	-8,7641517	-0,012	0,310
CHR5	3680327	CHR5:3680327	SSF x Near_LoA	-10,2274876	-0,075	0,311
CHR5	3680445	CHR5:3680445	SSF x Near_LoA	-11,2504911	0,066	0,298
CHR5	368527	CHR5:368527	SSF x Near_LoA	-11,1062187	-0,060	0,311
CHR5	368613	CHR5:368613	SSF x Near_LoA	-8,36834574	0,065	0,300
CHR5	3690412	CHR5:3690412	SSF x Near_LoA	-10,8348788	-0,051	0,317
CHR5	3690438	CHR5:3690438	SSF x Near_LoA	-7,73803377	0,012	0,307
CHR5	3690665	CHR5:3690665	SSF x Near_LoA	-8,92930538	0,010	0,308
CHR5	3699218	CHR5:3699218	SSF x Near_LoA	-9,66727291	0,062	0,302
CHR5	3699284	CHR5:3699284	SSF x Near_LoA	-10,5646384	-0,054	0,310
CHR5	3707245	CHR5:3707245	SSF x Near_LoA	-9,79031402	-0,021	0,307
CHR5	3707246	CHR5:3707246	SSF x Near_LoA	-8,50383299	-0,045	0,309
CHR5	3707285	CHR5:3707285	SSF x Near_LoA	-10,3728039	0,103	0,299
CHR5	3707294	CHR5:3707294	SSF x Near_LoA	-10,1024497	0,072	0,318
CHR5	3707297	CHR5:3707297	SSF x Near_LoA	-10,0776893	0,039	0,302
CHR5	3707354	CHR5:3707354	SSF x Near_LoA	-5,98686953	0,111	0,282
CHR5	3707382	CHR5:3707382	SSF x Near_LoA	-9,70963351	0,025	0,318
CHR5	3712223	CHR5:3712223	SSF x Near_LoA	-10,1417411	0,093	0,303
CHR5	3712233	CHR5:3712233	SSF x Near_LoA	-10,4301395	-0,020	0,302
CHR5	3722405	CHR5:3722405	SSF x Near_LoA	-5,67051851	-0,147	0,296
CHR5	3722425	CHR5:3722425	SSF x Near_LoA	-11,2822193	0,001	0,307
CHR5	3722426	CHR5:3722426	SSF x Near_LoA	-10,617921	-0,015	0,306
CHR5	3722540	CHR5:3722540	SSF x Near_LoA	-7,92753262	0,083	0,301
CHR5	3722565	CHR5:3722565	SSF x Near_LoA	-6,69362966	-0,135	0,310
CHR5	3722644	CHR5:3722644	SSF x Near_LoA	-10,7570329	0,016	0,301
CHR5	3723465	CHR5:3723465	SSF x Near_LoA	-11,0142846	0,005	0,293
CHR5	3723634	CHR5:3723634	SSF x Near_LoA	-10,730057	0,023	0,314
CHR5	3723663	CHR5:3723663	SSF x Near_LoA	-10,2215068	-0,138	0,309
CHR5	3723687	CHR5:3723687	SSF x Near_LoA	-6,92942576	-0,036	0,303
CHR5	373360	CHR5:373360	SSF x Near_LoA	-8,32235592	0,069	0,312
CHR5	373428	CHR5:373428	SSF x Near_LoA	-9,55907584	0,089	0,307
CHR5	373434	CHR5:373434	SSF x Near_LoA	-10,4706965	-0,043	0,294
CHR5	373601	CHR5:373601	SSF x Near_LoA	-11,2150645	-0,099	0,307
CHR5	373697	CHR5:373697	SSF x Near_LoA	4,28909202	0,108	0,313
CHR5	3767516	CHR5:3767516	SSF x Near_LoA	-8,88384055	-0,127	0,300
CHR5	3767519	CHR5:3767519	SSF x Near_LoA	-8,58747935	-0,107	0,297
CHR5	3767579	CHR5:3767579	SSF x Near_LoA	-9,25895487	0,001	0,310
CHR5	3767636	CHR5:3767636	SSF x Near_LoA	-8,18807954	-0,136	0,292
CHR5	3771485	CHR5:3771485	SSF x Near_LoA	-6,37182673	0,154	0,309
CHR5	3771553	CHR5:3771553	SSF x Near_LoA	-7,68853502	0,181	0,301

CHR5	3796028	CHR5:3796028	SSF x Near_LoA	-8,29615522	-0,107	0,302
CHR5	3796043	CHR5:3796043	SSF x Near_LoA	-10,3303527	-0,055	0,312
CHR5	3804210	CHR5:3804210	SSF x Near_LoA	-8,58382483	-0,069	0,318
CHR5	3804249	CHR5:3804249	SSF x Near_LoA	-8,00958694	-0,072	0,315
CHR5	380818	CHR5:380818	SSF x Near_LoA	-6,95332248	-0,101	0,312
CHR5	380912	CHR5:380912	SSF x Near_LoA	-9,1418583	0,135	0,297
CHR5	380952	CHR5:380952	SSF x Near_LoA	-9,50956523	0,031	0,321
CHR5	380988	CHR5:380988	SSF x Near_LoA	-10,1715962	0,088	0,311
CHR5	3814503	CHR5:3814503	SSF x Near_LoA	-7,56828711	-0,038	0,314
CHR5	3814504	CHR5:3814504	SSF x Near_LoA	-6,97953055	0,189	0,297
CHR5	3823816	CHR5:3823816	SSF x Near_LoA	-8,58812804	0,026	0,309
CHR5	3823840	CHR5:3823840	SSF x Near_LoA	-8,98016467	0,007	0,322
CHR5	3823885	CHR5:3823885	SSF x Near_LoA	-8,83273667	0,100	0,291
CHR5	3823994	CHR5:3823994	SSF x Near_LoA	-9,00804231	-0,098	0,301
CHR5	3824025	CHR5:3824025	SSF x Near_LoA	-7,1136194	-0,053	0,317
CHR5	3830114	CHR5:3830114	SSF x Near_LoA	-9,14807698	-0,026	0,307
CHR5	3831029	CHR5:3831029	SSF x Near_LoA	-11,0772529	0,068	0,303
CHR5	3832718	CHR5:3832718	SSF x Near_LoA	-11,6410021	-0,082	0,312
CHR5	3832804	CHR5:3832804	SSF x Near_LoA	-11,3655599	-0,025	0,308
CHR5	3842179	CHR5:3842179	SSF x Near_LoA	-9,11273896	-0,060	0,295
CHR5	3842195	CHR5:3842195	SSF x Near_LoA	-5,61928996	-0,094	0,303
CHR5	3842197	CHR5:3842197	SSF x Near_LoA	-10,408971	-0,028	0,319
CHR5	3846292	CHR5:3846292	SSF x Near_LoA	-6,87954842	0,085	0,306
CHR5	3854652	CHR5:3854652	SSF x Near_LoA	-6,75440587	-0,135	0,297
CHR5	3854701	CHR5:3854701	SSF x Near_LoA	-10,4873392	0,018	0,303
CHR5	3854724	CHR5:3854724	SSF x Near_LoA	-10,682545	0,077	0,311
CHR5	3854818	CHR5:3854818	SSF x Near_LoA	0,58291247	0,134	0,289
CHR5	3854944	CHR5:3854944	SSF x Near_LoA	3,20042777	-0,175	0,282
CHR5	3856669	CHR5:3856669	SSF x Near_LoA	-8,77061173	0,034	0,310
CHR5	3859593	CHR5:3859593	SSF x Near_LoA	-7,32348686	0,060	0,305
CHR5	3860979	CHR5:3860979	SSF x Near_LoA	-6,26758784	-0,166	0,288
CHR5	3860998	CHR5:3860998	SSF x Near_LoA	-7,343119	0,098	0,303
CHR5	3861061	CHR5:3861061	SSF x Near_LoA	-8,54095538	0,036	0,310
CHR5	3865109	CHR5:3865109	SSF x Near_LoA	-11,2680999	0,011	0,311
CHR5	3865126	CHR5:3865126	SSF x Near_LoA	-10,6516182	-0,029	0,309
CHR5	3865141	CHR5:3865141	SSF x Near_LoA	-5,48444763	-0,139	0,310
CHR5	3865198	CHR5:3865198	SSF x Near_LoA	-10,4820909	0,028	0,298
CHR5	3865229	CHR5:3865229	SSF x Near_LoA	-10,7547338	-0,047	0,304
CHR5	3865231	CHR5:3865231	SSF x Near_LoA	-7,82159742	0,089	0,307
CHR5	3865298	CHR5:3865298	SSF x Near_LoA	-11,3114613	0,039	0,305
CHR5	3865328	CHR5:3865328	SSF x Near_LoA	-9,59790169	0,031	0,309
CHR5	3865352	CHR5:3865352	SSF x Near_LoA	-8,84717975	-0,022	0,314
CHR5	386621	CHR5:386621	SSF x Near_LoA	-7,80878084	-0,036	0,313
CHR5	386696	CHR5:386696	SSF x Near_LoA	-12,3407959	0,017	0,301
CHR5	386774	CHR5:386774	SSF x Near_LoA	-1,79321013	-0,088	0,311
CHR5	386777	CHR5:386777	SSF x Near_LoA	-12,0401048	0,037	0,311
CHR5	386779	CHR5:386779	SSF x Near_LoA	-10,9402102	0,026	0,305
CHR5	386798	CHR5:386798	SSF x Near_LoA	-11,3128306	0,064	0,307
CHR5	386802	CHR5:386802	SSF x Near_LoA	-12,1928134	0,061	0,299
CHR5	386831	CHR5:386831	SSF x Near_LoA	-8,73624856	-0,035	0,319
CHR5	3869712	CHR5:3869712	SSF x Near_LoA	-8,80801669	-0,043	0,301
CHR5	3870835	CHR5:3870835	SSF x Near_LoA	-7,75695696	0,083	0,309
CHR5	3870857	CHR5:3870857	SSF x Near_LoA	-10,3431918	0,018	0,316

CHR5	3870858	CHR5:3870858	SSF x Near_LoA	0,98509448	-0,081	0,311
CHR5	3870934	CHR5:3870934	SSF x Near_LoA	-9,93544551	-0,019	0,314
CHR5	3872461	CHR5:3872461	SSF x Near_LoA	-11,9883128	0,030	0,300
CHR5	3877529	CHR5:3877529	SSF x Near_LoA	-10,1489303	-0,031	0,299
CHR5	3882800	CHR5:3882800	SSF x Near_LoA	-8,2555767	0,175	0,288
CHR5	3882865	CHR5:3882865	SSF x Near_LoA	-11,2995645	-0,077	0,307
CHR5	3882876	CHR5:3882876	SSF x Near_LoA	-7,21491484	0,117	0,306
CHR5	3883065	CHR5:3883065	SSF x Near_LoA	-6,76032439	-0,162	0,296
CHR5	3899003	CHR5:3899003	SSF x Near_LoA	-2,92656073	-0,139	0,306
CHR5	3899085	CHR5:3899085	SSF x Near_LoA	-6,54560177	0,063	0,301
CHR5	3899646	CHR5:3899646	SSF x Near_LoA	-10,688284	0,005	0,316
CHR5	3899654	CHR5:3899654	SSF x Near_LoA	-8,32464301	0,053	0,314
CHR5	3899677	CHR5:3899677	SSF x Near_LoA	-9,85177666	-0,036	0,312
CHR5	3909670	CHR5:3909670	SSF x Near_LoA	-10,0260307	0,014	0,316
CHR5	3909779	CHR5:3909779	SSF x Near_LoA	-8,8762028	-0,100	0,308
CHR5	3909912	CHR5:3909912	SSF x Near_LoA	-8,08549715	-0,013	0,299
CHR5	3909913	CHR5:3909913	SSF x Near_LoA	-10,0744781	-0,004	0,297
CHR5	3915180	CHR5:3915180	SSF x Near_LoA	-11,0606753	0,119	0,296
CHR5	3915202	CHR5:3915202	SSF x Near_LoA	-8,8949199	0,010	0,311
CHR5	3915214	CHR5:3915214	SSF x Near_LoA	-8,70035668	0,023	0,311
CHR5	3915263	CHR5:3915263	SSF x Near_LoA	-10,465451	-0,001	0,307
CHR5	39205	CHR5:39205	SSF x Near_LoA	-9,14215841	-0,002	0,305
CHR5	3922346	CHR5:3922346	SSF x Near_LoA	-9,29003656	-0,101	0,318
CHR5	3922461	CHR5:3922461	SSF x Near_LoA	-10,0192773	-0,020	0,307
CHR5	3922500	CHR5:3922500	SSF x Near_LoA	-11,2399264	0,027	0,299
CHR5	3922614	CHR5:3922614	SSF x Near_LoA	-8,29134388	0,001	0,305
CHR5	39260	CHR5:39260	SSF x Near_LoA	-8,6514364	-0,106	0,321
CHR5	3926282	CHR5:3926282	SSF x Near_LoA	-11,8842909	-0,046	0,290
CHR5	3926283	CHR5:3926283	SSF x Near_LoA	-6,99832791	-0,138	0,311
CHR5	3926333	CHR5:3926333	SSF x Near_LoA	-7,47611329	-0,004	0,296
CHR5	3926347	CHR5:3926347	SSF x Near_LoA	-9,20619756	-0,093	0,302
CHR5	3926416	CHR5:3926416	SSF x Near_LoA	-8,87600016	-0,059	0,295
CHR5	3928457	CHR5:3928457	SSF x Near_LoA	-9,05510497	-0,073	0,311
CHR5	39308	CHR5:39308	SSF x Near_LoA	-4,9154802	-0,095	0,317
CHR5	3932577	CHR5:3932577	SSF x Near_LoA	-12,2593966	-0,043	0,307
CHR5	3932600	CHR5:3932600	SSF x Near_LoA	-9,4052136	0,082	0,303
CHR5	3932702	CHR5:3932702	SSF x Near_LoA	-10,6991821	-0,012	0,311
CHR5	3935259	CHR5:3935259	SSF x Near_LoA	-8,2832392	-0,018	0,298
CHR5	3935311	CHR5:3935311	SSF x Near_LoA	-10,3793591	-0,002	0,308
CHR5	3942777	CHR5:3942777	SSF x Near_LoA	-7,92509034	-0,080	0,292
CHR5	3942844	CHR5:3942844	SSF x Near_LoA	-10,2307792	-0,083	0,295
CHR5	3957208	CHR5:3957208	SSF x Near_LoA	-10,233343	0,041	0,308
CHR5	3957240	CHR5:3957240	SSF x Near_LoA	-9,5656181	-0,062	0,314
CHR5	3957263	CHR5:3957263	SSF x Near_LoA	-11,1354826	0,010	0,302
CHR5	3957307	CHR5:3957307	SSF x Near_LoA	-11,2983949	0,022	0,314
CHR5	3960058	CHR5:3960058	SSF x Near_LoA	-9,65943151	0,066	0,310
CHR5	3960109	CHR5:3960109	SSF x Near_LoA	-10,9084349	0,091	0,311
CHR5	3960472	CHR5:3960472	SSF x Near_LoA	-11,6830421	-0,063	0,306
CHR5	3961678	CHR5:3961678	SSF x Near_LoA	-10,9394947	-0,014	0,305
CHR5	3974947	CHR5:3974947	SSF x Near_LoA	-10,1557016	-0,068	0,300
CHR5	3981744	CHR5:3981744	SSF x Near_LoA	-7,86305735	-0,115	0,293
CHR5	398856	CHR5:398856	SSF x Near_LoA	-9,18260671	0,033	0,318
CHR5	3989777	CHR5:3989777	SSF x Near_LoA	-9,50900742	0,054	0,304

CHR5	3994425	CHR5:3994425	SSF x Near_LoA	-7,73903703	0,054	0,308
CHR5	3997744	CHR5:3997744	SSF x Near_LoA	-9,81840764	0,002	0,304
CHR5	3997773	CHR5:3997773	SSF x Near_LoA	-11,8224418	0,009	0,318
CHR5	3997865	CHR5:3997865	SSF x Near_LoA	-6,39872369	-0,119	0,309
CHR5	3997925	CHR5:3997925	SSF x Near_LoA	-8,76615606	0,085	0,298
CHR5	4002034	CHR5:4002034	SSF x Near_LoA	-3,77962503	0,064	0,313
CHR5	4008177	CHR5:4008177	SSF x Near_LoA	-8,36349245	0,069	0,312
CHR5	4008193	CHR5:4008193	SSF x Near_LoA	-9,26367918	-0,012	0,296
CHR5	4008202	CHR5:4008202	SSF x Near_LoA	-9,02178443	-0,019	0,296
CHR5	4008203	CHR5:4008203	SSF x Near_LoA	-7,02622285	-0,007	0,299
CHR5	4008204	CHR5:4008204	SSF x Near_LoA	-10,6909959	-0,036	0,308
CHR5	4008343	CHR5:4008343	SSF x Near_LoA	-10,9406961	-0,045	0,309
CHR5	4010022	CHR5:4010022	SSF x Near_LoA	-2,02022187	-0,020	0,304
CHR5	4010168	CHR5:4010168	SSF x Near_LoA	-9,50440067	0,063	0,303
CHR5	401624	CHR5:401624	SSF x Near_LoA	-10,0992536	0,129	0,297
CHR5	401631	CHR5:401631	SSF x Near_LoA	-8,58524936	0,070	0,304
CHR5	401751	CHR5:401751	SSF x Near_LoA	-6,45502001	0,117	0,295
CHR5	4017861	CHR5:4017861	SSF x Near_LoA	-9,18052462	0,002	0,315
CHR5	4017896	CHR5:4017896	SSF x Near_LoA	-6,06450384	-0,203	0,305
CHR5	4017946	CHR5:4017946	SSF x Near_LoA	-7,41208412	0,068	0,302
CHR5	4017961	CHR5:4017961	SSF x Near_LoA	-8,67044442	-0,033	0,309
CHR5	4036777	CHR5:4036777	SSF x Near_LoA	-10,8405464	-0,014	0,305
CHR5	4043106	CHR5:4043106	SSF x Near_LoA	-8,51629893	0,062	0,312
CHR5	4043570	CHR5:4043570	SSF x Near_LoA	-7,54796446	0,086	0,310
CHR5	404908	CHR5:404908	SSF x Near_LoA	-6,70392916	-0,173	0,299
CHR5	4054796	CHR5:4054796	SSF x Near_LoA	-9,38925605	0,104	0,296
CHR5	4054797	CHR5:4054797	SSF x Near_LoA	-7,0443595	0,093	0,298
CHR5	4055068	CHR5:4055068	SSF x Near_LoA	-8,20821994	-0,154	0,290
CHR5	4055094	CHR5:4055094	SSF x Near_LoA	-10,2934738	-0,043	0,298
CHR5	4055170	CHR5:4055170	SSF x Near_LoA	-9,39108995	0,044	0,303
CHR5	4055196	CHR5:4055196	SSF x Near_LoA	-10,0345155	0,012	0,307
CHR5	4059433	CHR5:4059433	SSF x Near_LoA	-8,95405707	0,013	0,302
CHR5	4059524	CHR5:4059524	SSF x Near_LoA	-9,51990499	-0,056	0,306
CHR5	4059536	CHR5:4059536	SSF x Near_LoA	-5,48222828	0,049	0,314
CHR5	4065414	CHR5:4065414	SSF x Near_LoA	-10,2861593	0,009	0,314
CHR5	4065459	CHR5:4065459	SSF x Near_LoA	-7,62496768	-0,126	0,300
CHR5	4065463	CHR5:4065463	SSF x Near_LoA	-1,03779472	-0,222	0,295
CHR5	4065486	CHR5:4065486	SSF x Near_LoA	-11,3212663	-0,009	0,300
CHR5	4076047	CHR5:4076047	SSF x Near_LoA	-9,27996745	0,031	0,291
CHR5	4076101	CHR5:4076101	SSF x Near_LoA	-9,18336945	-0,032	0,297
CHR5	4087211	CHR5:4087211	SSF x Near_LoA	-10,6678763	-0,077	0,304
CHR5	4087335	CHR5:4087335	SSF x Near_LoA	-6,13866588	-0,179	0,307
CHR5	4100614	CHR5:4100614	SSF x Near_LoA	-8,68004733	-0,049	0,305
CHR5	4100880	CHR5:4100880	SSF x Near_LoA	-10,1707311	-0,075	0,314
CHR5	410558	CHR5:410558	SSF x Near_LoA	-8,26462436	-0,052	0,314
CHR5	410622	CHR5:410622	SSF x Near_LoA	-8,74444082	0,111	0,307
CHR5	410626	CHR5:410626	SSF x Near_LoA	-9,41780613	0,008	0,304
CHR5	410641	CHR5:410641	SSF x Near_LoA	-8,93120308	0,008	0,308
CHR5	410652	CHR5:410652	SSF x Near_LoA	-7,20852902	-0,106	0,292
CHR5	4107264	CHR5:4107264	SSF x Near_LoA	-7,27280744	-0,060	0,308
CHR5	4107328	CHR5:4107328	SSF x Near_LoA	-9,79677661	0,012	0,306
CHR5	4111902	CHR5:4111902	SSF x Near_LoA	-5,83632563	-0,115	0,299
CHR5	4111932	CHR5:4111932	SSF x Near_LoA	-8,96016454	-0,077	0,296

CHR5	4111934	CHR5:4111934	SSF x Near_LoA	-2,96608438	-0,084	0,317
CHR5	4112099	CHR5:4112099	SSF x Near_LoA	-10,5579979	0,063	0,296
CHR5	4117132	CHR5:4117132	SSF x Near_LoA	-10,3050678	-0,101	0,315
CHR5	4117151	CHR5:4117151	SSF x Near_LoA	-8,73405284	0,067	0,299
CHR5	4119941	CHR5:4119941	SSF x Near_LoA	-9,83792858	-0,038	0,316
CHR5	4119942	CHR5:4119942	SSF x Near_LoA	-11,2863711	0,018	0,308
CHR5	4119947	CHR5:4119947	SSF x Near_LoA	-10,5823145	-0,024	0,307
CHR5	4120024	CHR5:4120024	SSF x Near_LoA	-8,18694196	-0,104	0,301
CHR5	4120025	CHR5:4120025	SSF x Near_LoA	-11,3560485	0,062	0,301
CHR5	4120112	CHR5:4120112	SSF x Near_LoA	-8,59742744	0,003	0,309
CHR5	4120113	CHR5:4120113	SSF x Near_LoA	-10,6326077	0,061	0,302
CHR5	4122367	CHR5:4122367	SSF x Near_LoA	-9,99148081	0,101	0,298
CHR5	4122384	CHR5:4122384	SSF x Near_LoA	-7,96906378	-0,033	0,292
CHR5	4124084	CHR5:4124084	SSF x Near_LoA	-11,0788875	0,052	0,300
CHR5	4124145	CHR5:4124145	SSF x Near_LoA	-10,3524975	0,061	0,305
CHR5	4124167	CHR5:4124167	SSF x Near_LoA	-7,9373561	0,141	0,306
CHR5	4124333	CHR5:4124333	SSF x Near_LoA	-9,88776704	-0,091	0,292
CHR5	4127396	CHR5:4127396	SSF x Near_LoA	-7,44734136	0,066	0,312
CHR5	4128937	CHR5:4128937	SSF x Near_LoA	-7,56845641	-0,079	0,302
CHR5	4130773	CHR5:4130773	SSF x Near_LoA	-9,96534905	-0,020	0,319
CHR5	4130832	CHR5:4130832	SSF x Near_LoA	-6,32428441	-0,044	0,311
CHR5	4130842	CHR5:4130842	SSF x Near_LoA	-6,81599507	0,109	0,303
CHR5	4130906	CHR5:4130906	SSF x Near_LoA	-3,32395778	-0,097	0,319
CHR5	4131033	CHR5:4131033	SSF x Near_LoA	-10,9281737	-0,004	0,299
CHR5	4137912	CHR5:4137912	SSF x Near_LoA	-8,99062548	0,050	0,298
CHR5	4137920	CHR5:4137920	SSF x Near_LoA	-9,43704457	0,038	0,307
CHR5	4137934	CHR5:4137934	SSF x Near_LoA	-9,07548099	0,042	0,301
CHR5	4137935	CHR5:4137935	SSF x Near_LoA	-7,99135167	0,053	0,298
CHR5	4137986	CHR5:4137986	SSF x Near_LoA	-10,3567368	0,042	0,313
CHR5	4138063	CHR5:4138063	SSF x Near_LoA	-7,9722	-0,008	0,311
CHR5	4146232	CHR5:4146232	SSF x Near_LoA	-10,7059795	-0,112	0,313
CHR5	4146237	CHR5:4146237	SSF x Near_LoA	-11,7106251	-0,034	0,299
CHR5	4146263	CHR5:4146263	SSF x Near_LoA	-9,73208159	0,039	0,291
CHR5	4146284	CHR5:4146284	SSF x Near_LoA	-9,90846219	0,040	0,296
CHR5	4146303	CHR5:4146303	SSF x Near_LoA	-5,19971337	-0,038	0,304
CHR5	417278	CHR5:417278	SSF x Near_LoA	-8,06261627	0,092	0,312
CHR5	417365	CHR5:417365	SSF x Near_LoA	-11,1826799	0,040	0,316
CHR5	4178089	CHR5:4178089	SSF x Near_LoA	-10,9314836	0,029	0,305
CHR5	4178132	CHR5:4178132	SSF x Near_LoA	-8,24009356	-0,075	0,310
CHR5	4178178	CHR5:4178178	SSF x Near_LoA	-11,2372422	-0,034	0,291
CHR5	4180829	CHR5:4180829	SSF x Near_LoA	-6,40774295	-0,060	0,311
CHR5	4180897	CHR5:4180897	SSF x Near_LoA	-7,03516889	-0,054	0,322
CHR5	4180905	CHR5:4180905	SSF x Near_LoA	-7,97562078	-0,025	0,323
CHR5	4180911	CHR5:4180911	SSF x Near_LoA	-6,39501764	-0,110	0,320
CHR5	4181937	CHR5:4181937	SSF x Near_LoA	-6,46901013	-0,104	0,316
CHR5	4182017	CHR5:4182017	SSF x Near_LoA	-7,78165363	0,101	0,302
CHR5	4185432	CHR5:4185432	SSF x Near_LoA	-10,4046786	-0,011	0,307
CHR5	4185444	CHR5:4185444	SSF x Near_LoA	-10,7987599	-0,055	0,287
CHR5	4185465	CHR5:4185465	SSF x Near_LoA	-10,57554	0,011	0,312
CHR5	4185483	CHR5:4185483	SSF x Near_LoA	-9,20243413	-0,182	0,298
CHR5	4185484	CHR5:4185484	SSF x Near_LoA	-8,05671147	-0,171	0,292
CHR5	4185498	CHR5:4185498	SSF x Near_LoA	-6,30732336	-0,136	0,303
CHR5	4185572	CHR5:4185572	SSF x Near_LoA	-9,44020212	-0,147	0,306

CHR5	4185580	CHR5:4185580	SSF x Near_LoA	-8,07084208	-0,026	0,317
CHR5	4185583	CHR5:4185583	SSF x Near_LoA	-7,75432751	0,167	0,296
CHR5	4185598	CHR5:4185598	SSF x Near_LoA	-8,5337945	-0,044	0,312
CHR5	4185620	CHR5:4185620	SSF x Near_LoA	-10,706178	0,059	0,296
CHR5	4188567	CHR5:4188567	SSF x Near_LoA	-8,56798942	0,097	0,312
CHR5	4188577	CHR5:4188577	SSF x Near_LoA	-10,2389285	-0,090	0,291
CHR5	4188593	CHR5:4188593	SSF x Near_LoA	-7,87452467	0,077	0,318
CHR5	4188663	CHR5:4188663	SSF x Near_LoA	-3,66097318	-0,202	0,288
CHR5	4205329	CHR5:4205329	SSF x Near_LoA	-9,03135963	0,051	0,313
CHR5	4205332	CHR5:4205332	SSF x Near_LoA	-7,79356701	0,051	0,302
CHR5	4205710	CHR5:4205710	SSF x Near_LoA	-8,13729774	-0,080	0,301
CHR5	4205742	CHR5:4205742	SSF x Near_LoA	-9,49542304	-0,007	0,319
CHR5	4212313	CHR5:4212313	SSF x Near_LoA	-8,2728097	-0,032	0,304
CHR5	4212315	CHR5:4212315	SSF x Near_LoA	-8,9996023	0,036	0,295
CHR5	4212358	CHR5:4212358	SSF x Near_LoA	-10,0093664	-0,015	0,310
CHR5	4212572	CHR5:4212572	SSF x Near_LoA	-11,9438204	-0,076	0,302
CHR5	4237779	CHR5:4237779	SSF x Near_LoA	-10,5009761	0,029	0,308
CHR5	4245484	CHR5:4245484	SSF x Near_LoA	-9,83653088	0,080	0,311
CHR5	4270979	CHR5:4270979	SSF x Near_LoA	-7,83378314	-0,106	0,310
CHR5	4271190	CHR5:4271190	SSF x Near_LoA	-9,70665763	0,020	0,303
CHR5	4271263	CHR5:4271263	SSF x Near_LoA	-9,69004506	-0,062	0,302
CHR5	4273132	CHR5:4273132	SSF x Near_LoA	-10,8720909	0,062	0,297
CHR5	4273161	CHR5:4273161	SSF x Near_LoA	-8,87580114	-0,026	0,303
CHR5	4273270	CHR5:4273270	SSF x Near_LoA	-8,61092675	0,019	0,314
CHR5	4273287	CHR5:4273287	SSF x Near_LoA	-10,657384	-0,013	0,309
CHR5	4274343	CHR5:4274343	SSF x Near_LoA	-7,72340752	-0,102	0,311
CHR5	4274428	CHR5:4274428	SSF x Near_LoA	-10,5688909	-0,061	0,298
CHR5	4274537	CHR5:4274537	SSF x Near_LoA	-7,7303951	0,102	0,302
CHR5	4274550	CHR5:4274550	SSF x Near_LoA	-11,0682293	0,098	0,307
CHR5	4274565	CHR5:4274565	SSF x Near_LoA	-6,33734807	0,079	0,330
CHR5	4274597	CHR5:4274597	SSF x Near_LoA	-11,2243861	0,049	0,293
CHR5	427937	CHR5:427937	SSF x Near_LoA	-10,2468788	0,065	0,309
CHR5	428009	CHR5:428009	SSF x Near_LoA	-10,6213596	0,039	0,305
CHR5	428011	CHR5:428011	SSF x Near_LoA	-11,3261501	0,024	0,299
CHR5	428115	CHR5:428115	SSF x Near_LoA	-10,4064403	-0,008	0,317
CHR5	428120	CHR5:428120	SSF x Near_LoA	-8,55776714	-0,077	0,315
CHR5	428178	CHR5:428178	SSF x Near_LoA	-8,5380406	0,036	0,313
CHR5	4285780	CHR5:4285780	SSF x Near_LoA	-6,94123733	0,076	0,310
CHR5	4285785	CHR5:4285785	SSF x Near_LoA	-8,959049	0,067	0,300
CHR5	4285787	CHR5:4285787	SSF x Near_LoA	-5,26010532	0,082	0,309
CHR5	4285792	CHR5:4285792	SSF x Near_LoA	-10,8558031	0,017	0,301
CHR5	4285818	CHR5:4285818	SSF x Near_LoA	-5,03041313	0,069	0,301
CHR5	4285844	CHR5:4285844	SSF x Near_LoA	-6,47598647	-0,016	0,312
CHR5	4285879	CHR5:4285879	SSF x Near_LoA	-9,40274343	0,040	0,317
CHR5	4285887	CHR5:4285887	SSF x Near_LoA	-10,0478793	-0,007	0,308
CHR5	4285890	CHR5:4285890	SSF x Near_LoA	-8,24299224	-0,033	0,316
CHR5	4289067	CHR5:4289067	SSF x Near_LoA	-10,7845194	0,025	0,314
CHR5	4289090	CHR5:4289090	SSF x Near_LoA	-8,91730112	0,093	0,307
CHR5	4291330	CHR5:4291330	SSF x Near_LoA	-7,38126876	-0,046	0,307
CHR5	4291331	CHR5:4291331	SSF x Near_LoA	-8,71943635	0,003	0,323
CHR5	4291336	CHR5:4291336	SSF x Near_LoA	-9,54796583	0,010	0,314
CHR5	4291408	CHR5:4291408	SSF x Near_LoA	-9,83016948	-0,031	0,320
CHR5	4291417	CHR5:4291417	SSF x Near_LoA	-8,80558399	0,068	0,314

CHR5	4291724	CHR5:4291724	SSF x Near_LoA	-9,45851967	-0,001	0,306
CHR5	4295515	CHR5:4295515	SSF x Near_LoA	-9,48225941	0,017	0,309
CHR5	4295520	CHR5:4295520	SSF x Near_LoA	-8,68929683	0,021	0,307
CHR5	4295530	CHR5:4295530	SSF x Near_LoA	-10,1536982	-0,035	0,310
CHR5	4295541	CHR5:4295541	SSF x Near_LoA	-8,94508439	-0,085	0,309
CHR5	4295553	CHR5:4295553	SSF x Near_LoA	-8,3411244	0,019	0,310
CHR5	4295598	CHR5:4295598	SSF x Near_LoA	-9,5327111	-0,019	0,313
CHR5	4295616	CHR5:4295616	SSF x Near_LoA	-9,76952392	-0,098	0,310
CHR5	4295619	CHR5:4295619	SSF x Near_LoA	-10,5030844	-0,051	0,303
CHR5	4295652	CHR5:4295652	SSF x Near_LoA	-8,75227214	-0,059	0,307
CHR5	429568	CHR5:429568	SSF x Near_LoA	-9,7876872	0,139	0,294
CHR5	4295738	CHR5:4295738	SSF x Near_LoA	-9,04459959	0,119	0,322
CHR5	429588	CHR5:429588	SSF x Near_LoA	-10,1951727	0,064	0,309
CHR5	429615	CHR5:429615	SSF x Near_LoA	-9,35010111	-0,011	0,314
CHR5	429653	CHR5:429653	SSF x Near_LoA	-10,7553801	-0,064	0,294
CHR5	4302166	CHR5:4302166	SSF x Near_LoA	-2,56773483	0,023	0,307
CHR5	4302249	CHR5:4302249	SSF x Near_LoA	-9,96284268	-0,030	0,305
CHR5	4308022	CHR5:4308022	SSF x Near_LoA	-7,40915544	0,099	0,296
CHR5	4308049	CHR5:4308049	SSF x Near_LoA	-10,609529	-0,025	0,297
CHR5	4308055	CHR5:4308055	SSF x Near_LoA	-8,9658664	0,095	0,309
CHR5	4308188	CHR5:4308188	SSF x Near_LoA	-8,14516072	-0,081	0,310
CHR5	4308276	CHR5:4308276	SSF x Near_LoA	-9,45661313	-0,073	0,290
CHR5	4317550	CHR5:4317550	SSF x Near_LoA	-10,3804234	-0,064	0,294
CHR5	4317583	CHR5:4317583	SSF x Near_LoA	-9,10870108	-0,002	0,313
CHR5	4317630	CHR5:4317630	SSF x Near_LoA	-7,44666666	0,140	0,310
CHR5	4317693	CHR5:4317693	SSF x Near_LoA	-9,41829095	-0,042	0,318
CHR5	4317718	CHR5:4317718	SSF x Near_LoA	-10,9386757	-0,022	0,314
CHR5	4319341	CHR5:4319341	SSF x Near_LoA	-9,47513507	0,088	0,303
CHR5	4321548	CHR5:4321548	SSF x Near_LoA	-9,27041182	-0,091	0,311
CHR5	4324866	CHR5:4324866	SSF x Near_LoA	-8,8224636	-0,017	0,315
CHR5	4330530	CHR5:4330530	SSF x Near_LoA	-6,15953873	-0,071	0,314
CHR5	4330566	CHR5:4330566	SSF x Near_LoA	-4,68686787	-0,013	0,309
CHR5	4330573	CHR5:4330573	SSF x Near_LoA	-10,7741281	-0,026	0,289
CHR5	4330578	CHR5:4330578	SSF x Near_LoA	-9,32151531	0,113	0,297
CHR5	4339031	CHR5:4339031	SSF x Near_LoA	-9,26282134	0,168	0,285
CHR5	4339052	CHR5:4339052	SSF x Near_LoA	-8,30773344	-0,111	0,317
CHR5	4339071	CHR5:4339071	SSF x Near_LoA	-6,80695872	-0,143	0,318
CHR5	4339104	CHR5:4339104	SSF x Near_LoA	-9,77338185	0,135	0,297
CHR5	4339170	CHR5:4339170	SSF x Near_LoA	-11,0576378	-0,039	0,302
CHR5	4352844	CHR5:4352844	SSF x Near_LoA	-8,61456761	0,105	0,294
CHR5	4352911	CHR5:4352911	SSF x Near_LoA	-9,51767264	0,074	0,299
CHR5	4356121	CHR5:4356121	SSF x Near_LoA	-12,0558246	0,037	0,307
CHR5	4356464	CHR5:4356464	SSF x Near_LoA	-9,7515803	-0,014	0,316
CHR5	4362615	CHR5:4362615	SSF x Near_LoA	-7,34248778	0,093	0,309
CHR5	4367551	CHR5:4367551	SSF x Near_LoA	-8,93458678	-0,125	0,294
CHR5	4374901	CHR5:4374901	SSF x Near_LoA	-8,96056793	0,060	0,307
CHR5	4374933	CHR5:4374933	SSF x Near_LoA	-8,67672671	0,026	0,300
CHR5	4374948	CHR5:4374948	SSF x Near_LoA	-11,2374984	0,086	0,305
CHR5	4375058	CHR5:4375058	SSF x Near_LoA	-9,68658171	0,065	0,309
CHR5	4375071	CHR5:4375071	SSF x Near_LoA	-9,77668707	-0,076	0,314
CHR5	4377648	CHR5:4377648	SSF x Near_LoA	-9,43278731	0,089	0,302
CHR5	4377761	CHR5:4377761	SSF x Near_LoA	-10,4074192	-0,087	0,295
CHR5	4377799	CHR5:4377799	SSF x Near_LoA	-11,6250028	0,014	0,302

CHR5	4377833	CHR5:4377833	SSF x Near_LoA	-11,7761026	-0,013	0,287
CHR5	4377834	CHR5:4377834	SSF x Near_LoA	-9,34023055	0,019	0,314
CHR5	439431	CHR5:439431	SSF x Near_LoA	-10,2843833	0,116	0,310
CHR5	439572	CHR5:439572	SSF x Near_LoA	-6,02165406	-0,062	0,312
CHR5	4396691	CHR5:4396691	SSF x Near_LoA	-11,7007819	-0,044	0,301
CHR5	4400894	CHR5:4400894	SSF x Near_LoA	-10,8237912	-0,047	0,305
CHR5	4400952	CHR5:4400952	SSF x Near_LoA	-9,77387316	-0,084	0,310
CHR5	4401193	CHR5:4401193	SSF x Near_LoA	-9,07046797	0,025	0,320
CHR5	4401197	CHR5:4401197	SSF x Near_LoA	-10,6937845	-0,053	0,316
CHR5	4401202	CHR5:4401202	SSF x Near_LoA	-11,9782026	-0,040	0,316
CHR5	4401252	CHR5:4401252	SSF x Near_LoA	-8,84522898	-0,132	0,318
CHR5	440568	CHR5:440568	SSF x Near_LoA	-8,18699559	-0,055	0,323
CHR5	440671	CHR5:440671	SSF x Near_LoA	-8,53022379	0,025	0,304
CHR5	4410987	CHR5:4410987	SSF x Near_LoA	-8,50258707	0,008	0,305
CHR5	4417117	CHR5:4417117	SSF x Near_LoA	-10,1752909	0,052	0,297
CHR5	4420044	CHR5:4420044	SSF x Near_LoA	-9,1406599	0,042	0,308
CHR5	4420118	CHR5:4420118	SSF x Near_LoA	-9,48984847	0,083	0,306
CHR5	4426137	CHR5:4426137	SSF x Near_LoA	-7,35386311	0,197	0,299
CHR5	4426181	CHR5:4426181	SSF x Near_LoA	-11,0014738	-0,016	0,310
CHR5	4426182	CHR5:4426182	SSF x Near_LoA	-10,9933843	0,017	0,311
CHR5	4426213	CHR5:4426213	SSF x Near_LoA	-8,98425446	0,075	0,290
CHR5	4426241	CHR5:4426241	SSF x Near_LoA	-10,9223172	0,041	0,305
CHR5	4426256	CHR5:4426256	SSF x Near_LoA	-10,3507385	0,040	0,302
CHR5	4426264	CHR5:4426264	SSF x Near_LoA	-8,66560396	0,018	0,315
CHR5	4427429	CHR5:4427429	SSF x Near_LoA	-9,31277529	-0,006	0,306
CHR5	4429385	CHR5:4429385	SSF x Near_LoA	-11,0696441	-0,054	0,296
CHR5	4429544	CHR5:4429544	SSF x Near_LoA	-9,60563489	0,022	0,323
CHR5	4434832	CHR5:4434832	SSF x Near_LoA	-7,90241306	0,009	0,319
CHR5	4439441	CHR5:4439441	SSF x Near_LoA	-8,86349596	-0,111	0,299
CHR5	4439622	CHR5:4439622	SSF x Near_LoA	-8,91817574	-0,125	0,316
CHR5	4448761	CHR5:4448761	SSF x Near_LoA	-7,60618501	-0,004	0,310
CHR5	4448762	CHR5:4448762	SSF x Near_LoA	-10,1846683	-0,013	0,295
CHR5	4453496	CHR5:4453496	SSF x Near_LoA	-7,71204374	-0,084	0,304
CHR5	4458316	CHR5:4458316	SSF x Near_LoA	-5,92906755	-0,083	0,307
CHR5	4458505	CHR5:4458505	SSF x Near_LoA	-11,4132343	0,016	0,312
CHR5	4462616	CHR5:4462616	SSF x Near_LoA	-9,51329862	-0,012	0,316
CHR5	4462632	CHR5:4462632	SSF x Near_LoA	-9,26563997	-0,014	0,304
CHR5	4462677	CHR5:4462677	SSF x Near_LoA	-6,87842425	-0,141	0,295
CHR5	446672	CHR5:446672	SSF x Near_LoA	-7,4473587	-0,062	0,316
CHR5	446720	CHR5:446720	SSF x Near_LoA	-8,90035273	-0,091	0,303
CHR5	446721	CHR5:446721	SSF x Near_LoA	-9,08619903	0,115	0,305
CHR5	446735	CHR5:446735	SSF x Near_LoA	-9,32410985	0,006	0,316
CHR5	446758	CHR5:446758	SSF x Near_LoA	-10,0606444	-0,076	0,315
CHR5	4470869	CHR5:4470869	SSF x Near_LoA	-10,811005	0,053	0,300
CHR5	4470872	CHR5:4470872	SSF x Near_LoA	-10,2921855	0,003	0,305
CHR5	4479114	CHR5:4479114	SSF x Near_LoA	-7,40536312	0,101	0,287
CHR5	4484561	CHR5:4484561	SSF x Near_LoA	-9,85445085	0,047	0,311
CHR5	4484761	CHR5:4484761	SSF x Near_LoA	-9,13646451	-0,069	0,304
CHR5	4487609	CHR5:4487609	SSF x Near_LoA	-10,744374	0,021	0,309
CHR5	4487675	CHR5:4487675	SSF x Near_LoA	-10,1463809	-0,098	0,307
CHR5	4489619	CHR5:4489619	SSF x Near_LoA	-5,93371345	0,065	0,311
CHR5	4489742	CHR5:4489742	SSF x Near_LoA	-9,68177205	0,154	0,302
CHR5	4495977	CHR5:4495977	SSF x Near_LoA	-9,52023411	0,070	0,306

CHR5	449750	CHR5:449750	SSF x Near_LoA	-9,78967395	-0,039	0,301
CHR5	449764	CHR5:449764	SSF x Near_LoA	-8,55447366	0,034	0,318
CHR5	4497842	CHR5:4497842	SSF x Near_LoA	-9,43168574	-0,152	0,295
CHR5	4497866	CHR5:4497866	SSF x Near_LoA	-8,78484238	0,016	0,309
CHR5	4501147	CHR5:4501147	SSF x Near_LoA	-3,24388482	-0,049	0,317
CHR5	450182	CHR5:450182	SSF x Near_LoA	-10,9926185	-0,017	0,293
CHR5	4502004	CHR5:4502004	SSF x Near_LoA	-8,0883959	-0,052	0,327
CHR5	4512532	CHR5:4512532	SSF x Near_LoA	-11,3140507	0,039	0,305
CHR5	4539679	CHR5:4539679	SSF x Near_LoA	-5,80486249	-0,048	0,314
CHR5	4539753	CHR5:4539753	SSF x Near_LoA	-8,59095438	-0,086	0,310
CHR5	4539754	CHR5:4539754	SSF x Near_LoA	-9,42556051	-0,058	0,312
CHR5	4539812	CHR5:4539812	SSF x Near_LoA	-8,24909431	-0,094	0,308
CHR5	4539823	CHR5:4539823	SSF x Near_LoA	-9,75457168	-0,004	0,310
CHR5	4539858	CHR5:4539858	SSF x Near_LoA	-2,47720747	0,239	0,282
CHR5	4539860	CHR5:4539860	SSF x Near_LoA	-9,96726529	0,034	0,290
CHR5	4543341	CHR5:4543341	SSF x Near_LoA	-7,72384099	-0,125	0,307
CHR5	4543379	CHR5:4543379	SSF x Near_LoA	-8,34148309	-0,095	0,306
CHR5	4548962	CHR5:4548962	SSF x Near_LoA	-7,43367005	-0,049	0,318
CHR5	4548964	CHR5:4548964	SSF x Near_LoA	-9,22074655	-0,014	0,316
CHR5	4549078	CHR5:4549078	SSF x Near_LoA	-6,79439832	-0,178	0,300
CHR5	4549090	CHR5:4549090	SSF x Near_LoA	-7,75023319	0,183	0,288
CHR5	4551591	CHR5:4551591	SSF x Near_LoA	-12,4418514	-0,042	0,298
CHR5	4551598	CHR5:4551598	SSF x Near_LoA	-11,4268859	-0,012	0,313
CHR5	4555392	CHR5:4555392	SSF x Near_LoA	-8,46225428	0,088	0,310
CHR5	4555411	CHR5:4555411	SSF x Near_LoA	-10,4195432	-0,050	0,314
CHR5	4570338	CHR5:4570338	SSF x Near_LoA	-4,76580462	-0,084	0,299
CHR5	4570406	CHR5:4570406	SSF x Near_LoA	-9,70098349	0,049	0,308
CHR5	4571226	CHR5:4571226	SSF x Near_LoA	-8,74219086	0,018	0,305
CHR5	4571235	CHR5:4571235	SSF x Near_LoA	-9,31232458	-0,016	0,311
CHR5	457685	CHR5:457685	SSF x Near_LoA	-11,1390305	0,109	0,301
CHR5	457725	CHR5:457725	SSF x Near_LoA	-7,56464438	-0,002	0,311
CHR5	457763	CHR5:457763	SSF x Near_LoA	-10,8230314	0,025	0,316
CHR5	457900	CHR5:457900	SSF x Near_LoA	-11,1137356	0,069	0,315
CHR5	4581835	CHR5:4581835	SSF x Near_LoA	-11,8944691	0,028	0,307
CHR5	4581897	CHR5:4581897	SSF x Near_LoA	-10,6220374	-0,028	0,308
CHR5	4596328	CHR5:4596328	SSF x Near_LoA	-6,84747604	0,014	0,301
CHR5	4596344	CHR5:4596344	SSF x Near_LoA	-10,5026075	0,091	0,301
CHR5	4596422	CHR5:4596422	SSF x Near_LoA	-8,79113945	-0,024	0,315
CHR5	4607203	CHR5:4607203	SSF x Near_LoA	2,59457679	0,005	0,314
CHR5	4639219	CHR5:4639219	SSF x Near_LoA	-9,44632503	-0,080	0,287
CHR5	4639272	CHR5:4639272	SSF x Near_LoA	-5,29490995	-0,103	0,308
CHR5	4654009	CHR5:4654009	SSF x Near_LoA	-10,9086818	0,024	0,303
CHR5	465869	CHR5:465869	SSF x Near_LoA	-8,23320946	-0,110	0,299
CHR5	465878	CHR5:465878	SSF x Near_LoA	-7,01682961	-0,016	0,311
CHR5	465879	CHR5:465879	SSF x Near_LoA	-9,00474732	0,025	0,312
CHR5	465946	CHR5:465946	SSF x Near_LoA	-9,34633714	-0,028	0,301
CHR5	465972	CHR5:465972	SSF x Near_LoA	-7,61151089	-0,068	0,325
CHR5	466035	CHR5:466035	SSF x Near_LoA	-10,4523848	-0,042	0,294
CHR5	4679218	CHR5:4679218	SSF x Near_LoA	-10,3984197	0,055	0,294
CHR5	4691947	CHR5:4691947	SSF x Near_LoA	-11,1191916	-0,008	0,292
CHR5	4708721	CHR5:4708721	SSF x Near_LoA	-9,04860036	-0,068	0,299
CHR5	4717845	CHR5:4717845	SSF x Near_LoA	-7,2989098	-0,025	0,317
CHR5	472898	CHR5:472898	SSF x Near_LoA	-8,65171497	-0,020	0,326

CHR5	4730697	CHR5:4730697	SSF x Near_LoA	-10,1717652	-0,083	0,317
CHR5	4730815	CHR5:4730815	SSF x Near_LoA	-11,9345762	0,046	0,300
CHR5	4733753	CHR5:4733753	SSF x Near_LoA	-9,72106394	0,040	0,304
CHR5	4748482	CHR5:4748482	SSF x Near_LoA	-6,59669856	0,132	0,308
CHR5	4763924	CHR5:4763924	SSF x Near_LoA	-9,8441045	0,020	0,297
CHR5	4763982	CHR5:4763982	SSF x Near_LoA	-8,58898149	0,059	0,310
CHR5	4764010	CHR5:4764010	SSF x Near_LoA	-10,3045878	0,005	0,307
CHR5	4764180	CHR5:4764180	SSF x Near_LoA	-9,07863876	-0,043	0,311
CHR5	4767841	CHR5:4767841	SSF x Near_LoA	-8,17522997	-0,050	0,315
CHR5	4772325	CHR5:4772325	SSF x Near_LoA	-8,54758009	0,061	0,312
CHR5	4777612	CHR5:4777612	SSF x Near_LoA	-10,5603102	-0,045	0,307
CHR5	4777622	CHR5:4777622	SSF x Near_LoA	-11,1051569	0,081	0,305
CHR5	4777655	CHR5:4777655	SSF x Near_LoA	-10,568646	-0,049	0,305
CHR5	4777683	CHR5:4777683	SSF x Near_LoA	-10,4708911	0,073	0,326
CHR5	4781965	CHR5:4781965	SSF x Near_LoA	-9,45669084	0,075	0,303
CHR5	4795524	CHR5:4795524	SSF x Near_LoA	-11,7041758	0,038	0,314
CHR5	4795589	CHR5:4795589	SSF x Near_LoA	-9,40662585	-0,071	0,310
CHR5	4795627	CHR5:4795627	SSF x Near_LoA	-10,0061741	-0,078	0,302
CHR5	4800692	CHR5:4800692	SSF x Near_LoA	-9,66649047	-0,050	0,315
CHR5	4800716	CHR5:4800716	SSF x Near_LoA	-9,08545381	0,010	0,305
CHR5	4800813	CHR5:4800813	SSF x Near_LoA	-11,3861404	-0,043	0,303
CHR5	4803466	CHR5:4803466	SSF x Near_LoA	-11,2175833	-0,059	0,298
CHR5	4809880	CHR5:4809880	SSF x Near_LoA	-10,4607789	0,024	0,290
CHR5	4809949	CHR5:4809949	SSF x Near_LoA	-8,22020264	0,111	0,294
CHR5	4809951	CHR5:4809951	SSF x Near_LoA	-6,82573766	0,117	0,297
CHR5	4813308	CHR5:4813308	SSF x Near_LoA	-10,1059855	-0,059	0,300
CHR5	4813371	CHR5:4813371	SSF x Near_LoA	-11,1285403	0,065	0,307
CHR5	4815210	CHR5:4815210	SSF x Near_LoA	-9,56133296	0,083	0,315
CHR5	4819913	CHR5:4819913	SSF x Near_LoA	-4,69341976	-0,018	0,310
CHR5	4820035	CHR5:4820035	SSF x Near_LoA	-9,93462517	0,068	0,310
CHR5	4847391	CHR5:4847391	SSF x Near_LoA	-9,85940092	0,016	0,305
CHR5	4847501	CHR5:4847501	SSF x Near_LoA	-7,3180435	-0,131	0,306
CHR5	4859415	CHR5:4859415	SSF x Near_LoA	-10,0723058	0,030	0,311
CHR5	4864925	CHR5:4864925	SSF x Near_LoA	-10,6338791	-0,021	0,303
CHR5	4865121	CHR5:4865121	SSF x Near_LoA	-4,50860034	-0,054	0,303
CHR5	4865140	CHR5:4865140	SSF x Near_LoA	-6,61620363	0,024	0,302
CHR5	4868113	CHR5:4868113	SSF x Near_LoA	-9,07581881	0,047	0,310
CHR5	4868196	CHR5:4868196	SSF x Near_LoA	-9,83570047	-0,005	0,310
CHR5	4869422	CHR5:4869422	SSF x Near_LoA	-8,2025689	-0,005	0,307
CHR5	4869526	CHR5:4869526	SSF x Near_LoA	-10,4081958	-0,028	0,314
CHR5	4869582	CHR5:4869582	SSF x Near_LoA	-8,01462498	-0,061	0,310
CHR5	4869606	CHR5:4869606	SSF x Near_LoA	-9,17068665	-0,022	0,302
CHR5	4869612	CHR5:4869612	SSF x Near_LoA	-8,84059173	-0,001	0,297
CHR5	4869613	CHR5:4869613	SSF x Near_LoA	-10,9419018	0,069	0,290
CHR5	4872170	CHR5:4872170	SSF x Near_LoA	-11,6604672	0,018	0,310
CHR5	4874791	CHR5:4874791	SSF x Near_LoA	-8,6216453	-0,020	0,315
CHR5	4874803	CHR5:4874803	SSF x Near_LoA	-9,38529885	-0,090	0,324
CHR5	4874826	CHR5:4874826	SSF x Near_LoA	-8,58948209	-0,037	0,308
CHR5	4874896	CHR5:4874896	SSF x Near_LoA	-8,81303301	0,051	0,295
CHR5	4874959	CHR5:4874959	SSF x Near_LoA	-9,49775533	-0,004	0,309
CHR5	4876986	CHR5:4876986	SSF x Near_LoA	-11,5327633	-0,069	0,294
CHR5	4877054	CHR5:4877054	SSF x Near_LoA	-11,5874144	-0,087	0,312
CHR5	4877165	CHR5:4877165	SSF x Near_LoA	-10,3776956	-0,051	0,286

CHR5	4887137	CHR5:4887137	SSF x Near_LoA	-9,96840215	0,104	0,308
CHR5	4889692	CHR5:4889692	SSF x Near_LoA	-10,3903293	0,083	0,310
CHR5	4889704	CHR5:4889704	SSF x Near_LoA	-10,5141461	-0,014	0,309
CHR5	4905015	CHR5:4905015	SSF x Near_LoA	-8,55153706	-0,151	0,298
CHR5	4905025	CHR5:4905025	SSF x Near_LoA	-12,1521505	-0,053	0,303
CHR5	4905199	CHR5:4905199	SSF x Near_LoA	-11,4102695	-0,038	0,307
CHR5	4905303	CHR5:4905303	SSF x Near_LoA	-10,586599	0,043	0,308
CHR5	4937195	CHR5:4937195	SSF x Near_LoA	-8,41998788	0,073	0,323
CHR5	4937990	CHR5:4937990	SSF x Near_LoA	-9,94485968	0,100	0,313
CHR5	4953766	CHR5:4953766	SSF x Near_LoA	-10,0783186	0,038	0,312
CHR5	4953834	CHR5:4953834	SSF x Near_LoA	-8,30128141	0,099	0,302
CHR5	4953840	CHR5:4953840	SSF x Near_LoA	-11,8783779	-0,054	0,298
CHR5	4953888	CHR5:4953888	SSF x Near_LoA	-8,27858061	-0,053	0,314
CHR5	4953892	CHR5:4953892	SSF x Near_LoA	-10,2813132	0,090	0,306
CHR5	4955042	CHR5:4955042	SSF x Near_LoA	-8,78989371	0,035	0,319
CHR5	4955093	CHR5:4955093	SSF x Near_LoA	-8,83136745	0,160	0,296
CHR5	4955095	CHR5:4955095	SSF x Near_LoA	-10,4628552	-0,008	0,323
CHR5	4955123	CHR5:4955123	SSF x Near_LoA	-8,58459181	-0,080	0,306
CHR5	4959468	CHR5:4959468	SSF x Near_LoA	-10,3214476	0,058	0,304
CHR5	4959652	CHR5:4959652	SSF x Near_LoA	-9,98665983	-0,084	0,310
CHR5	4977827	CHR5:4977827	SSF x Near_LoA	-9,36473272	0,052	0,307
CHR5	4977859	CHR5:4977859	SSF x Near_LoA	-9,5611743	0,033	0,309
CHR5	4977868	CHR5:4977868	SSF x Near_LoA	-9,85099809	0,055	0,305
CHR5	4977969	CHR5:4977969	SSF x Near_LoA	-10,8408828	-0,041	0,310
CHR5	4978047	CHR5:4978047	SSF x Near_LoA	-8,24792712	-0,087	0,307
CHR5	49831	CHR5:49831	SSF x Near_LoA	-7,09627605	0,003	0,307
CHR5	4986475	CHR5:4986475	SSF x Near_LoA	-11,231136	0,059	0,312
CHR5	4986476	CHR5:4986476	SSF x Near_LoA	-9,48856319	-0,062	0,283
CHR5	4986520	CHR5:4986520	SSF x Near_LoA	-8,23864586	0,151	0,293
CHR5	4986588	CHR5:4986588	SSF x Near_LoA	-9,15617605	-0,089	0,326
CHR5	4986599	CHR5:4986599	SSF x Near_LoA	-10,5351008	-0,091	0,313
CHR5	4991800	CHR5:4991800	SSF x Near_LoA	-8,89830376	0,126	0,304
CHR5	4992037	CHR5:4992037	SSF x Near_LoA	-9,26493186	0,041	0,308
CHR5	4992068	CHR5:4992068	SSF x Near_LoA	-8,28427829	0,192	0,288
CHR5	4992109	CHR5:4992109	SSF x Near_LoA	-8,71472757	-0,123	0,307
CHR5	4992140	CHR5:4992140	SSF x Near_LoA	-7,30802896	0,112	0,325
CHR5	4992163	CHR5:4992163	SSF x Near_LoA	-8,15593538	0,140	0,300
CHR5	4999144	CHR5:4999144	SSF x Near_LoA	-12,4965937	0,051	0,291
CHR5	4999173	CHR5:4999173	SSF x Near_LoA	-9,08777826	-0,053	0,273
CHR5	5009098	CHR5:5009098	SSF x Near_LoA	-8,79770964	-0,020	0,303
CHR5	5011891	CHR5:5011891	SSF x Near_LoA	-11,2108725	-0,043	0,318
CHR5	50121	CHR5:50121	SSF x Near_LoA	-6,50749593	-0,037	0,323
CHR5	5022163	CHR5:5022163	SSF x Near_LoA	-3,9741252	0,038	0,312
CHR5	5024263	CHR5:5024263	SSF x Near_LoA	-10,1324765	-0,088	0,296
CHR5	5028237	CHR5:5028237	SSF x Near_LoA	-7,02972631	0,118	0,302
CHR5	5028467	CHR5:5028467	SSF x Near_LoA	-0,09495934	-0,144	0,304
CHR5	5042384	CHR5:5042384	SSF x Near_LoA	-10,511471	-0,019	0,295
CHR5	5042394	CHR5:5042394	SSF x Near_LoA	-7,77420998	0,100	0,313
CHR5	5042395	CHR5:5042395	SSF x Near_LoA	-8,19232132	0,016	0,319
CHR5	5042408	CHR5:5042408	SSF x Near_LoA	-9,30677514	0,014	0,317
CHR5	5042508	CHR5:5042508	SSF x Near_LoA	-6,3439139	-0,175	0,304
CHR5	5042511	CHR5:5042511	SSF x Near_LoA	-3,96374139	0,146	0,307
CHR5	5042516	CHR5:5042516	SSF x Near_LoA	-8,85027723	-0,122	0,311

CHR5	5042541	CHR5:5042541	SSF x Near_LoA	-10,2053714	0,010	0,313
CHR5	5042567	CHR5:5042567	SSF x Near_LoA	-10,5348443	-0,035	0,311
CHR5	5042593	CHR5:5042593	SSF x Near_LoA	-10,2456407	0,043	0,307
CHR5	5049803	CHR5:5049803	SSF x Near_LoA	-8,43098516	0,078	0,325
CHR5	5049861	CHR5:5049861	SSF x Near_LoA	-9,71826255	0,054	0,297
CHR5	5049881	CHR5:5049881	SSF x Near_LoA	-6,68864885	0,023	0,314
CHR5	5049886	CHR5:5049886	SSF x Near_LoA	-8,94862581	0,055	0,306
CHR5	5049898	CHR5:5049898	SSF x Near_LoA	-12,211891	-0,014	0,298
CHR5	5049990	CHR5:5049990	SSF x Near_LoA	-10,3304219	0,052	0,308
CHR5	5049997	CHR5:5049997	SSF x Near_LoA	-11,7691004	0,029	0,298
CHR5	5050025	CHR5:5050025	SSF x Near_LoA	-9,20741139	0,061	0,309
CHR5	5058462	CHR5:5058462	SSF x Near_LoA	-10,3729496	0,022	0,297
CHR5	5058524	CHR5:5058524	SSF x Near_LoA	-8,84969904	-0,055	0,299
CHR5	5058537	CHR5:5058537	SSF x Near_LoA	-9,11550328	0,072	0,304
CHR5	5058538	CHR5:5058538	SSF x Near_LoA	-10,9377178	0,019	0,319
CHR5	5058557	CHR5:5058557	SSF x Near_LoA	-8,21120831	0,070	0,311
CHR5	5058569	CHR5:5058569	SSF x Near_LoA	-8,57555022	0,056	0,305
CHR5	5058596	CHR5:5058596	SSF x Near_LoA	-7,67536583	0,024	0,299
CHR5	5059712	CHR5:5059712	SSF x Near_LoA	-10,554373	-0,034	0,315
CHR5	5070146	CHR5:5070146	SSF x Near_LoA	-11,0568638	0,059	0,304
CHR5	5076710	CHR5:5076710	SSF x Near_LoA	-9,44179701	0,036	0,302
CHR5	5076721	CHR5:5076721	SSF x Near_LoA	-13,0251238	0,001	0,292
CHR5	5076729	CHR5:5076729	SSF x Near_LoA	-11,2105676	0,002	0,291
CHR5	5079710	CHR5:5079710	SSF x Near_LoA	-9,91203024	0,002	0,303
CHR5	5079781	CHR5:5079781	SSF x Near_LoA	-8,03656599	0,058	0,307
CHR5	510783	CHR5:510783	SSF x Near_LoA	-7,32241576	-0,168	0,307
CHR5	5110671	CHR5:5110671	SSF x Near_LoA	-5,39512709	-0,138	0,305
CHR5	5110709	CHR5:5110709	SSF x Near_LoA	-9,32698514	-0,022	0,306
CHR5	5110781	CHR5:5110781	SSF x Near_LoA	-7,41976721	0,047	0,319
CHR5	5110819	CHR5:5110819	SSF x Near_LoA	-10,1368604	0,065	0,313
CHR5	5135786	CHR5:5135786	SSF x Near_LoA	-10,5286907	-0,096	0,313
CHR5	5135895	CHR5:5135895	SSF x Near_LoA	-10,7175305	0,057	0,307
CHR5	5136023	CHR5:5136023	SSF x Near_LoA	-11,8662342	-0,064	0,307
CHR5	5139094	CHR5:5139094	SSF x Near_LoA	-10,978065	0,020	0,307
CHR5	5139312	CHR5:5139312	SSF x Near_LoA	-9,01883969	-0,068	0,313
CHR5	5139331	CHR5:5139331	SSF x Near_LoA	-10,3482272	-0,116	0,306
CHR5	5156711	CHR5:5156711	SSF x Near_LoA	-8,37021765	-0,037	0,314
CHR5	5156785	CHR5:5156785	SSF x Near_LoA	-9,47813459	-0,097	0,299
CHR5	5156799	CHR5:5156799	SSF x Near_LoA	-7,21586698	-0,047	0,311
CHR5	5156856	CHR5:5156856	SSF x Near_LoA	-10,7186833	0,005	0,296
CHR5	5156890	CHR5:5156890	SSF x Near_LoA	2,90018005	-0,151	0,294
CHR5	5156900	CHR5:5156900	SSF x Near_LoA	-6,8451564	-0,180	0,300
CHR5	5156902	CHR5:5156902	SSF x Near_LoA	-7,11083326	-0,155	0,308
CHR5	5156904	CHR5:5156904	SSF x Near_LoA	-7,95130412	-0,137	0,300
CHR5	5156915	CHR5:5156915	SSF x Near_LoA	-6,4436966	-0,143	0,304
CHR5	5163415	CHR5:5163415	SSF x Near_LoA	-6,88791992	-0,130	0,318
CHR5	5163677	CHR5:5163677	SSF x Near_LoA	-4,57513026	-0,008	0,310
CHR5	5165373	CHR5:5165373	SSF x Near_LoA	-3,99795863	-0,230	0,287
CHR5	5168634	CHR5:5168634	SSF x Near_LoA	-9,94785101	0,127	0,301
CHR5	5168686	CHR5:5168686	SSF x Near_LoA	-6,54006132	-0,126	0,291
CHR5	5169554	CHR5:5169554	SSF x Near_LoA	-10,1524296	0,047	0,316
CHR5	5169710	CHR5:5169710	SSF x Near_LoA	-10,2466669	0,031	0,304
CHR5	5169712	CHR5:5169712	SSF x Near_LoA	-8,08383648	-0,041	0,305

CHR5	5174026	CHR5:5174026	SSF x Near_LoA	-7,66901844	-0,072	0,314
CHR5	5174045	CHR5:5174045	SSF x Near_LoA	-7,10806909	-0,008	0,314
CHR5	5174089	CHR5:5174089	SSF x Near_LoA	-10,9763098	0,052	0,304
CHR5	5193009	CHR5:5193009	SSF x Near_LoA	-10,7403194	-0,045	0,309
CHR5	5193037	CHR5:5193037	SSF x Near_LoA	-7,85208473	-0,009	0,293
CHR5	5193122	CHR5:5193122	SSF x Near_LoA	-11,2116568	-0,030	0,304
CHR5	5194860	CHR5:5194860	SSF x Near_LoA	-8,38841708	0,066	0,312
CHR5	5194890	CHR5:5194890	SSF x Near_LoA	-4,06624767	-0,056	0,314
CHR5	5194932	CHR5:5194932	SSF x Near_LoA	2,50241939	0,154	0,323
CHR5	5195018	CHR5:5195018	SSF x Near_LoA	-8,74250569	0,012	0,329
CHR5	5195073	CHR5:5195073	SSF x Near_LoA	-9,45113087	-0,061	0,316
CHR5	5203695	CHR5:5203695	SSF x Near_LoA	-9,64338637	0,077	0,300
CHR5	5203742	CHR5:5203742	SSF x Near_LoA	-8,05264515	0,146	0,295
CHR5	5211565	CHR5:5211565	SSF x Near_LoA	-9,16303999	-0,106	0,307
CHR5	5211600	CHR5:5211600	SSF x Near_LoA	-10,0661213	-0,045	0,316
CHR5	5211605	CHR5:5211605	SSF x Near_LoA	-10,2110132	-0,008	0,311
CHR5	5211632	CHR5:5211632	SSF x Near_LoA	-8,69902179	0,002	0,316
CHR5	5211640	CHR5:5211640	SSF x Near_LoA	-5,87162613	0,042	0,311
CHR5	5211663	CHR5:5211663	SSF x Near_LoA	-8,78108943	0,043	0,318
CHR5	5216459	CHR5:5216459	SSF x Near_LoA	-8,72952702	-0,094	0,301
CHR5	5216479	CHR5:5216479	SSF x Near_LoA	-8,98067945	-0,040	0,316
CHR5	5216484	CHR5:5216484	SSF x Near_LoA	-6,23780564	-0,181	0,303
CHR5	5216513	CHR5:5216513	SSF x Near_LoA	-10,4302828	-0,003	0,304
CHR5	5220821	CHR5:5220821	SSF x Near_LoA	-8,98004042	-0,010	0,308
CHR5	5221410	CHR5:5221410	SSF x Near_LoA	-8,85787288	-0,113	0,295
CHR5	5221446	CHR5:5221446	SSF x Near_LoA	-11,0301751	-0,021	0,317
CHR5	5221462	CHR5:5221462	SSF x Near_LoA	-10,4858614	0,041	0,301
CHR5	5221466	CHR5:5221466	SSF x Near_LoA	-8,51401152	0,156	0,295
CHR5	5221469	CHR5:5221469	SSF x Near_LoA	-7,9406729	0,078	0,298
CHR5	5221491	CHR5:5221491	SSF x Near_LoA	-7,24935533	0,033	0,320
CHR5	5227583	CHR5:5227583	SSF x Near_LoA	-7,63562212	0,053	0,313
CHR5	5234981	CHR5:5234981	SSF x Near_LoA	-9,08685612	0,036	0,308
CHR5	5235031	CHR5:5235031	SSF x Near_LoA	-10,4582501	-0,073	0,313
CHR5	5235213	CHR5:5235213	SSF x Near_LoA	-7,92369703	0,142	0,299
CHR5	5248929	CHR5:5248929	SSF x Near_LoA	-7,78762792	0,143	0,299
CHR5	5248945	CHR5:5248945	SSF x Near_LoA	-2,89114277	-0,149	0,294
CHR5	5249038	CHR5:5249038	SSF x Near_LoA	-9,51242214	0,039	0,304
CHR5	5249136	CHR5:5249136	SSF x Near_LoA	-9,41455198	0,003	0,305
CHR5	5252411	CHR5:5252411	SSF x Near_LoA	-11,227951	-0,083	0,297
CHR5	5260145	CHR5:5260145	SSF x Near_LoA	-4,94357777	-0,107	0,310
CHR5	5260922	CHR5:5260922	SSF x Near_LoA	-8,20030508	0,057	0,304
CHR5	5260930	CHR5:5260930	SSF x Near_LoA	-9,80081109	-0,068	0,296
CHR5	5260958	CHR5:5260958	SSF x Near_LoA	-10,383151	0,015	0,308
CHR5	5260969	CHR5:5260969	SSF x Near_LoA	-8,02274421	0,091	0,291
CHR5	5260994	CHR5:5260994	SSF x Near_LoA	-10,3342388	-0,060	0,298
CHR5	5261020	CHR5:5261020	SSF x Near_LoA	-8,80613787	0,080	0,301
CHR5	5261043	CHR5:5261043	SSF x Near_LoA	-9,18760501	0,016	0,310
CHR5	5261049	CHR5:5261049	SSF x Near_LoA	-8,72408696	-0,063	0,311
CHR5	5261053	CHR5:5261053	SSF x Near_LoA	-8,88314467	-0,103	0,316
CHR5	5268177	CHR5:5268177	SSF x Near_LoA	-9,0254299	-0,074	0,302
CHR5	5276955	CHR5:5276955	SSF x Near_LoA	-9,41573327	0,026	0,319
CHR5	5277169	CHR5:5277169	SSF x Near_LoA	-9,20924153	0,011	0,313
CHR5	5277195	CHR5:5277195	SSF x Near_LoA	-8,57324119	-0,074	0,310

CHR5	5277213	CHR5:5277213	SSF x Near_LoA	-5,23704261	0,017	0,312
CHR5	5290009	CHR5:5290009	SSF x Near_LoA	-9,70556078	-0,020	0,315
CHR5	5290075	CHR5:5290075	SSF x Near_LoA	-9,97060444	-0,029	0,308
CHR5	5290083	CHR5:5290083	SSF x Near_LoA	-9,91741266	0,015	0,308
CHR5	5290117	CHR5:5290117	SSF x Near_LoA	-10,1730122	-0,042	0,302
CHR5	5290158	CHR5:5290158	SSF x Near_LoA	-9,4111404	0,016	0,288
CHR5	5303341	CHR5:5303341	SSF x Near_LoA	-9,48326402	0,035	0,316
CHR5	5309911	CHR5:5309911	SSF x Near_LoA	-11,5406966	-0,054	0,296
CHR5	5309959	CHR5:5309959	SSF x Near_LoA	-11,0074717	0,065	0,301
CHR5	5309981	CHR5:5309981	SSF x Near_LoA	-11,8710621	0,014	0,299
CHR5	5309998	CHR5:5309998	SSF x Near_LoA	-11,0272642	0,018	0,309
CHR5	5310045	CHR5:5310045	SSF x Near_LoA	-9,770554	0,062	0,316
CHR5	5315691	CHR5:5315691	SSF x Near_LoA	-8,0806048	-0,024	0,314
CHR5	5338597	CHR5:5338597	SSF x Near_LoA	-9,1601627	0,030	0,306
CHR5	5338769	CHR5:5338769	SSF x Near_LoA	-11,551777	0,061	0,315
CHR5	5362090	CHR5:5362090	SSF x Near_LoA	-8,66811021	-0,160	0,299
CHR5	5362136	CHR5:5362136	SSF x Near_LoA	-11,2154409	-0,010	0,308
CHR5	5375130	CHR5:5375130	SSF x Near_LoA	-9,08531034	-0,056	0,329
CHR5	5382084	CHR5:5382084	SSF x Near_LoA	-9,82418206	-0,070	0,308
CHR5	5382111	CHR5:5382111	SSF x Near_LoA	-6,76942874	0,049	0,300
CHR5	5382116	CHR5:5382116	SSF x Near_LoA	-9,18529976	-0,051	0,299
CHR5	5389941	CHR5:5389941	SSF x Near_LoA	-10,8680057	0,094	0,295
CHR5	5389945	CHR5:5389945	SSF x Near_LoA	-9,45049545	-0,087	0,313
CHR5	5391976	CHR5:5391976	SSF x Near_LoA	-10,3172633	-0,051	0,300
CHR5	5392008	CHR5:5392008	SSF x Near_LoA	-4,93443196	0,170	0,300
CHR5	5392204	CHR5:5392204	SSF x Near_LoA	-9,50743719	0,069	0,318
CHR5	5392244	CHR5:5392244	SSF x Near_LoA	-9,73102333	-0,013	0,298
CHR5	5392304	CHR5:5392304	SSF x Near_LoA	-7,15283951	-0,108	0,302
CHR5	5400377	CHR5:5400377	SSF x Near_LoA	-11,0474648	-0,053	0,299
CHR5	5400484	CHR5:5400484	SSF x Near_LoA	-7,28071876	-0,043	0,311
CHR5	5400509	CHR5:5400509	SSF x Near_LoA	-10,6091822	0,004	0,296
CHR5	5400524	CHR5:5400524	SSF x Near_LoA	-11,0029365	-0,057	0,314
CHR5	5403454	CHR5:5403454	SSF x Near_LoA	-8,00999539	0,066	0,311
CHR5	5409339	CHR5:5409339	SSF x Near_LoA	-5,44035572	-0,112	0,314
CHR5	5409519	CHR5:5409519	SSF x Near_LoA	-10,9201875	-0,089	0,302
CHR5	5410637	CHR5:5410637	SSF x Near_LoA	-9,83843721	-0,005	0,304
CHR5	5410764	CHR5:5410764	SSF x Near_LoA	-6,2917064	-0,037	0,305
CHR5	5418026	CHR5:5418026	SSF x Near_LoA	-9,8569236	-0,172	0,299
CHR5	5425436	CHR5:5425436	SSF x Near_LoA	-9,17038067	-0,011	0,320
CHR5	5457356	CHR5:5457356	SSF x Near_LoA	-9,8955171	-0,085	0,309
CHR5	5457359	CHR5:5457359	SSF x Near_LoA	-7,6606341	-0,027	0,299
CHR5	5457370	CHR5:5457370	SSF x Near_LoA	-5,90469332	0,145	0,297
CHR5	5457401	CHR5:5457401	SSF x Near_LoA	-6,63269546	0,116	0,301
CHR5	5457443	CHR5:5457443	SSF x Near_LoA	-8,71055985	-0,039	0,303
CHR5	5457476	CHR5:5457476	SSF x Near_LoA	-6,35832269	-0,022	0,303
CHR5	5457568	CHR5:5457568	SSF x Near_LoA	-10,1982681	0,105	0,302
CHR5	545967	CHR5:545967	SSF x Near_LoA	-7,50447505	-0,022	0,329
CHR5	545980	CHR5:545980	SSF x Near_LoA	-2,97694467	0,008	0,315
CHR5	545981	CHR5:545981	SSF x Near_LoA	-9,13155961	-0,040	0,311
CHR5	546002	CHR5:546002	SSF x Near_LoA	-8,72544237	0,003	0,319
CHR5	546012	CHR5:546012	SSF x Near_LoA	-9,08333303	0,018	0,305
CHR5	546018	CHR5:546018	SSF x Near_LoA	-7,03508517	0,003	0,323
CHR5	546031	CHR5:546031	SSF x Near_LoA	-9,55894779	-0,002	0,305

CHR5	5470093	CHR5:5470093	SSF x Near_LoA	-5,00870658	-0,018	0,319
CHR5	5473511	CHR5:5473511	SSF x Near_LoA	-9,38723301	-0,088	0,313
CHR5	5474576	CHR5:5474576	SSF x Near_LoA	-8,26084097	0,028	0,314
CHR5	5476627	CHR5:5476627	SSF x Near_LoA	-3,7582187	0,114	0,306
CHR5	5476666	CHR5:5476666	SSF x Near_LoA	-9,44393508	0,055	0,314
CHR5	5476883	CHR5:5476883	SSF x Near_LoA	-8,15210172	-0,004	0,298
CHR5	5479792	CHR5:5479792	SSF x Near_LoA	-10,5644013	-0,039	0,302
CHR5	5480681	CHR5:5480681	SSF x Near_LoA	-10,9814491	0,034	0,310
CHR5	5481784	CHR5:5481784	SSF x Near_LoA	-7,4771547	-0,071	0,315
CHR5	5481809	CHR5:5481809	SSF x Near_LoA	-5,98203369	-0,024	0,322
CHR5	5491187	CHR5:5491187	SSF x Near_LoA	-10,0401397	0,021	0,304
CHR5	5491233	CHR5:5491233	SSF x Near_LoA	-11,8030811	-0,017	0,309
CHR5	5491293	CHR5:5491293	SSF x Near_LoA	-9,45906679	-0,012	0,312
CHR5	5491390	CHR5:5491390	SSF x Near_LoA	-11,0545803	-0,015	0,304
CHR5	5501604	CHR5:5501604	SSF x Near_LoA	-10,010438	-0,022	0,304
CHR5	5501676	CHR5:5501676	SSF x Near_LoA	-10,7345893	0,119	0,298
CHR5	5501991	CHR5:5501991	SSF x Near_LoA	-11,5383026	-0,072	0,292
CHR5	5502001	CHR5:5502001	SSF x Near_LoA	-4,75199177	-0,073	0,299
CHR5	5502075	CHR5:5502075	SSF x Near_LoA	-12,2419655	-0,014	0,306
CHR5	5502141	CHR5:5502141	SSF x Near_LoA	-7,67917628	-0,059	0,310
CHR5	5514893	CHR5:5514893	SSF x Near_LoA	-8,83164496	-0,053	0,293
CHR5	5514996	CHR5:5514996	SSF x Near_LoA	-9,29431392	0,010	0,303
CHR5	5519776	CHR5:5519776	SSF x Near_LoA	-11,7283528	0,005	0,295
CHR5	5520016	CHR5:5520016	SSF x Near_LoA	-8,55352127	-0,058	0,307
CHR5	5528662	CHR5:5528662	SSF x Near_LoA	-9,5876241	-0,015	0,295
CHR5	5528671	CHR5:5528671	SSF x Near_LoA	-8,58557789	0,089	0,286
CHR5	5539872	CHR5:5539872	SSF x Near_LoA	-9,30905274	0,054	0,325
CHR5	5539899	CHR5:5539899	SSF x Near_LoA	-11,4792438	-0,003	0,302
CHR5	5539918	CHR5:5539918	SSF x Near_LoA	-9,91514803	-0,056	0,316
CHR5	5540029	CHR5:5540029	SSF x Near_LoA	-8,85155936	-0,051	0,303
CHR5	5540050	CHR5:5540050	SSF x Near_LoA	-5,20314686	-0,039	0,313
CHR5	5540563	CHR5:5540563	SSF x Near_LoA	-11,2114972	-0,047	0,308
CHR5	5553413	CHR5:5553413	SSF x Near_LoA	-9,28989039	0,115	0,306
CHR5	5553572	CHR5:5553572	SSF x Near_LoA	-11,1319494	-0,070	0,290
CHR5	5573893	CHR5:5573893	SSF x Near_LoA	-7,24138923	0,118	0,313
CHR5	5574130	CHR5:5574130	SSF x Near_LoA	-8,64553087	-0,063	0,314
CHR5	5574196	CHR5:5574196	SSF x Near_LoA	-11,4112217	0,008	0,322
CHR5	5574258	CHR5:5574258	SSF x Near_LoA	-9,89047219	-0,039	0,306
CHR5	5583825	CHR5:5583825	SSF x Near_LoA	-7,61204474	0,138	0,310
CHR5	5583826	CHR5:5583826	SSF x Near_LoA	-4,37439251	0,178	0,305
CHR5	5584068	CHR5:5584068	SSF x Near_LoA	-8,53266031	0,017	0,318
CHR5	5584112	CHR5:5584112	SSF x Near_LoA	-9,48264631	-0,091	0,309
CHR5	5589769	CHR5:5589769	SSF x Near_LoA	-9,62376802	-0,071	0,303
CHR5	5589773	CHR5:5589773	SSF x Near_LoA	-9,08910454	0,025	0,319
CHR5	5589858	CHR5:5589858	SSF x Near_LoA	-6,12048522	-0,077	0,302
CHR5	5589907	CHR5:5589907	SSF x Near_LoA	-7,34721484	0,118	0,316
CHR5	5595779	CHR5:5595779	SSF x Near_LoA	-10,011858	0,057	0,298
CHR5	5603130	CHR5:5603130	SSF x Near_LoA	-6,19470595	-0,213	0,303
CHR5	5607566	CHR5:5607566	SSF x Near_LoA	-10,4937528	0,070	0,322
CHR5	5610226	CHR5:5610226	SSF x Near_LoA	-8,74919365	-0,049	0,307
CHR5	5610267	CHR5:5610267	SSF x Near_LoA	-6,99139652	-0,113	0,317
CHR5	5612255	CHR5:5612255	SSF x Near_LoA	-9,5563381	-0,001	0,309
CHR5	5628192	CHR5:5628192	SSF x Near_LoA	-8,45873794	0,084	0,307

CHR5	563390	CHR5:563390	SSF x Near_LoA	-7,09059613	-0,046	0,321
CHR5	5634876	CHR5:5634876	SSF x Near_LoA	-8,78659138	-0,008	0,307
CHR5	5634924	CHR5:5634924	SSF x Near_LoA	-11,6636969	-0,024	0,299
CHR5	5634933	CHR5:5634933	SSF x Near_LoA	-8,82742205	0,023	0,308
CHR5	5634946	CHR5:5634946	SSF x Near_LoA	-11,1976586	-0,003	0,298
CHR5	5634985	CHR5:5634985	SSF x Near_LoA	-11,1368143	-0,023	0,310
CHR5	5635049	CHR5:5635049	SSF x Near_LoA	-8,46083252	-0,059	0,319
CHR5	5635063	CHR5:5635063	SSF x Near_LoA	-7,15740084	0,039	0,319
CHR5	5635091	CHR5:5635091	SSF x Near_LoA	-8,27488362	0,026	0,312
CHR5	5635096	CHR5:5635096	SSF x Near_LoA	-3,20310567	0,038	0,309
CHR5	5639914	CHR5:5639914	SSF x Near_LoA	-10,9872774	0,030	0,281
CHR5	5639931	CHR5:5639931	SSF x Near_LoA	-7,71795552	-0,129	0,287
CHR5	5639954	CHR5:5639954	SSF x Near_LoA	-4,29744311	-0,163	0,280
CHR5	5640004	CHR5:5640004	SSF x Near_LoA	-11,1864702	-0,011	0,310
CHR5	5640031	CHR5:5640031	SSF x Near_LoA	-9,41202734	-0,072	0,295
CHR5	5640041	CHR5:5640041	SSF x Near_LoA	-7,95568819	0,036	0,304
CHR5	5640061	CHR5:5640061	SSF x Near_LoA	-9,8139678	-0,043	0,314
CHR5	5640128	CHR5:5640128	SSF x Near_LoA	-11,75335	-0,029	0,309
CHR5	5640132	CHR5:5640132	SSF x Near_LoA	-8,85261805	-0,033	0,294
CHR5	5650138	CHR5:5650138	SSF x Near_LoA	-9,11785209	0,054	0,319
CHR5	5650246	CHR5:5650246	SSF x Near_LoA	-8,34291749	-0,117	0,307
CHR5	5651155	CHR5:5651155	SSF x Near_LoA	-9,77743967	-0,007	0,308
CHR5	5660202	CHR5:5660202	SSF x Near_LoA	-10,9406742	-0,061	0,297
CHR5	5660237	CHR5:5660237	SSF x Near_LoA	-8,29924109	0,008	0,328
CHR5	5660262	CHR5:5660262	SSF x Near_LoA	-10,0288236	0,030	0,324
CHR5	5660273	CHR5:5660273	SSF x Near_LoA	-11,3723346	-0,024	0,304
CHR5	5663274	CHR5:5663274	SSF x Near_LoA	-8,41101327	-0,084	0,284
CHR5	5663296	CHR5:5663296	SSF x Near_LoA	-11,0670484	0,037	0,315
CHR5	5663325	CHR5:5663325	SSF x Near_LoA	-11,1077086	0,092	0,306
CHR5	5663358	CHR5:5663358	SSF x Near_LoA	-8,85882321	-0,010	0,292
CHR5	5663402	CHR5:5663402	SSF x Near_LoA	-7,25228471	0,176	0,293
CHR5	5663440	CHR5:5663440	SSF x Near_LoA	-9,15241784	-0,071	0,290
CHR5	5668747	CHR5:5668747	SSF x Near_LoA	-0,2973322	-0,193	0,282
CHR5	5668836	CHR5:5668836	SSF x Near_LoA	-9,90341534	0,041	0,317
CHR5	5668848	CHR5:5668848	SSF x Near_LoA	-9,96852339	0,020	0,310
CHR5	5668851	CHR5:5668851	SSF x Near_LoA	-9,96116762	0,086	0,303
CHR5	5687174	CHR5:5687174	SSF x Near_LoA	-1,67770135	0,000	0,292
CHR5	5704184	CHR5:5704184	SSF x Near_LoA	-7,74641796	0,040	0,321
CHR5	5704253	CHR5:5704253	SSF x Near_LoA	-9,08745671	0,008	0,315
CHR5	5704326	CHR5:5704326	SSF x Near_LoA	-11,3251767	-0,005	0,306
CHR5	5704472	CHR5:5704472	SSF x Near_LoA	-6,52170188	-0,042	0,320
CHR5	570574	CHR5:570574	SSF x Near_LoA	-1,1990615	-0,113	0,311
CHR5	5716110	CHR5:5716110	SSF x Near_LoA	-10,287424	0,099	0,303
CHR5	5716164	CHR5:5716164	SSF x Near_LoA	-11,8770105	-0,026	0,306
CHR5	5719883	CHR5:5719883	SSF x Near_LoA	-11,3116072	-0,010	0,309
CHR5	5719925	CHR5:5719925	SSF x Near_LoA	-9,59691927	0,092	0,311
CHR5	5732361	CHR5:5732361	SSF x Near_LoA	-11,604402	-0,062	0,296
CHR5	5768844	CHR5:5768844	SSF x Near_LoA	-9,20787458	0,065	0,317
CHR5	57836	CHR5:57836	SSF x Near_LoA	-9,44182305	-0,030	0,295
CHR5	5800150	CHR5:5800150	SSF x Near_LoA	-10,7841983	-0,092	0,305
CHR5	5800151	CHR5:5800151	SSF x Near_LoA	-11,050268	0,037	0,321
CHR5	5803625	CHR5:5803625	SSF x Near_LoA	-8,20696935	0,024	0,291
CHR5	5825059	CHR5:5825059	SSF x Near_LoA	-4,66617762	0,021	0,313

CHR5	5825148	CHR5:5825148	SSF x Near_LoA	-9,23306572	0,023	0,299
CHR5	5825163	CHR5:5825163	SSF x Near_LoA	-9,40141644	-0,022	0,308
CHR5	5825184	CHR5:5825184	SSF x Near_LoA	-8,44699691	0,086	0,305
CHR5	5825192	CHR5:5825192	SSF x Near_LoA	-10,2108451	-0,035	0,311
CHR5	5829708	CHR5:5829708	SSF x Near_LoA	-9,43000163	0,072	0,296
CHR5	5829715	CHR5:5829715	SSF x Near_LoA	-9,22030065	0,004	0,303
CHR5	5829779	CHR5:5829779	SSF x Near_LoA	-8,60542106	0,077	0,307
CHR5	5829834	CHR5:5829834	SSF x Near_LoA	-10,4130325	-0,017	0,314
CHR5	5829838	CHR5:5829838	SSF x Near_LoA	-11,3257185	-0,077	0,295
CHR5	5829840	CHR5:5829840	SSF x Near_LoA	-8,1963256	-0,077	0,310
CHR5	5829841	CHR5:5829841	SSF x Near_LoA	-9,02031034	-0,086	0,300
CHR5	5829874	CHR5:5829874	SSF x Near_LoA	-9,90905853	-0,059	0,300
CHR5	5829875	CHR5:5829875	SSF x Near_LoA	-7,79006719	-0,073	0,303
CHR5	5829963	CHR5:5829963	SSF x Near_LoA	-5,53323458	0,124	0,308
CHR5	5829983	CHR5:5829983	SSF x Near_LoA	-3,9902735	0,106	0,317
CHR5	5839548	CHR5:5839548	SSF x Near_LoA	-9,49989878	-0,004	0,303
CHR5	5839551	CHR5:5839551	SSF x Near_LoA	-9,92588429	0,022	0,306
CHR5	5839578	CHR5:5839578	SSF x Near_LoA	-7,6069165	-0,087	0,317
CHR5	5842037	CHR5:5842037	SSF x Near_LoA	-8,97633661	-0,067	0,303
CHR5	5842119	CHR5:5842119	SSF x Near_LoA	-8,5116551	0,039	0,303
CHR5	5847112	CHR5:5847112	SSF x Near_LoA	-9,37901519	0,005	0,311
CHR5	5847223	CHR5:5847223	SSF x Near_LoA	-9,50092059	-0,029	0,310
CHR5	5848038	CHR5:5848038	SSF x Near_LoA	-9,29838809	-0,051	0,312
CHR5	5854941	CHR5:5854941	SSF x Near_LoA	-7,37638822	-0,065	0,293
CHR5	5860836	CHR5:5860836	SSF x Near_LoA	-9,00444137	0,011	0,306
CHR5	5866712	CHR5:5866712	SSF x Near_LoA	-11,8763449	0,062	0,310
CHR5	5866832	CHR5:5866832	SSF x Near_LoA	-11,001371	0,067	0,305
CHR5	5876378	CHR5:5876378	SSF x Near_LoA	-5,31938285	-0,104	0,300
CHR5	5876398	CHR5:5876398	SSF x Near_LoA	-10,2479139	-0,096	0,308
CHR5	5876412	CHR5:5876412	SSF x Near_LoA	0,42530836	0,113	0,319
CHR5	5876472	CHR5:5876472	SSF x Near_LoA	-6,56537031	-0,121	0,312
CHR5	5876493	CHR5:5876493	SSF x Near_LoA	-7,67722965	-0,129	0,295
CHR5	5876495	CHR5:5876495	SSF x Near_LoA	-8,31004583	0,097	0,302
CHR5	5876517	CHR5:5876517	SSF x Near_LoA	-9,27669862	-0,109	0,302
CHR5	5876534	CHR5:5876534	SSF x Near_LoA	-8,48838096	-0,214	0,297
CHR5	5887159	CHR5:5887159	SSF x Near_LoA	-9,71600266	0,015	0,309
CHR5	5887295	CHR5:5887295	SSF x Near_LoA	-7,37493912	-0,121	0,303
CHR5	5889785	CHR5:5889785	SSF x Near_LoA	-10,0091738	-0,008	0,310
CHR5	5893348	CHR5:5893348	SSF x Near_LoA	-11,7586913	-0,095	0,309
CHR5	5893472	CHR5:5893472	SSF x Near_LoA	-9,55446078	0,036	0,318
CHR5	5897501	CHR5:5897501	SSF x Near_LoA	-11,6112578	0,031	0,317
CHR5	5900997	CHR5:5900997	SSF x Near_LoA	-5,92150341	-0,057	0,311
CHR5	5911552	CHR5:5911552	SSF x Near_LoA	-9,77731336	-0,108	0,295
CHR5	5918237	CHR5:5918237	SSF x Near_LoA	-5,75266195	0,003	0,308
CHR5	5918254	CHR5:5918254	SSF x Near_LoA	-6,6272987	0,169	0,288
CHR5	5918411	CHR5:5918411	SSF x Near_LoA	-1,86049734	0,237	0,296
CHR5	5919873	CHR5:5919873	SSF x Near_LoA	-10,0749698	-0,015	0,308
CHR5	5919938	CHR5:5919938	SSF x Near_LoA	-7,0533554	0,158	0,299
CHR5	5919952	CHR5:5919952	SSF x Near_LoA	-11,3693254	0,024	0,313
CHR5	5920060	CHR5:5920060	SSF x Near_LoA	-7,40393997	-0,019	0,318
CHR5	5920091	CHR5:5920091	SSF x Near_LoA	-9,32963982	0,006	0,320
CHR5	5920093	CHR5:5920093	SSF x Near_LoA	-11,1276912	0,024	0,322
CHR5	5928447	CHR5:5928447	SSF x Near_LoA	-8,8585409	0,028	0,301

CHR5	5930473	CHR5:5930473	SSF x Near_LoA	-9,66376433	0,007	0,323
CHR5	5930489	CHR5:5930489	SSF x Near_LoA	-8,70492592	0,005	0,298
CHR5	5937742	CHR5:5937742	SSF x Near_LoA	-9,60172627	-0,080	0,305
CHR5	5937966	CHR5:5937966	SSF x Near_LoA	-9,63285522	-0,032	0,326
CHR5	5938035	CHR5:5938035	SSF x Near_LoA	-2,22459077	0,029	0,307
CHR5	5941483	CHR5:5941483	SSF x Near_LoA	-10,9368714	0,083	0,308
CHR5	5941530	CHR5:5941530	SSF x Near_LoA	-11,7146493	0,034	0,303
CHR5	5954649	CHR5:5954649	SSF x Near_LoA	-8,1410486	0,051	0,315
CHR5	5959743	CHR5:5959743	SSF x Near_LoA	-8,37817318	0,096	0,303
CHR5	5959813	CHR5:5959813	SSF x Near_LoA	-8,68992197	-0,047	0,320
CHR5	5961146	CHR5:5961146	SSF x Near_LoA	-8,85761704	0,069	0,311
CHR5	5966766	CHR5:5966766	SSF x Near_LoA	-9,63867793	-0,038	0,312
CHR5	5971758	CHR5:5971758	SSF x Near_LoA	3,62612311	0,133	0,316
CHR5	5971776	CHR5:5971776	SSF x Near_LoA	-10,6221617	-0,030	0,315
CHR5	5974025	CHR5:5974025	SSF x Near_LoA	-9,70558904	0,048	0,302
CHR5	5974164	CHR5:5974164	SSF x Near_LoA	-10,2964398	0,097	0,305
CHR5	5977285	CHR5:5977285	SSF x Near_LoA	-7,35450527	-0,021	0,291
CHR5	5977291	CHR5:5977291	SSF x Near_LoA	-10,3681798	0,078	0,309
CHR5	5977363	CHR5:5977363	SSF x Near_LoA	-12,0681832	-0,066	0,298
CHR5	5995569	CHR5:5995569	SSF x Near_LoA	-7,97787254	0,009	0,306
CHR5	5995663	CHR5:5995663	SSF x Near_LoA	-7,17008564	-0,016	0,313
CHR5	5995669	CHR5:5995669	SSF x Near_LoA	-9,42273655	-0,058	0,297
CHR5	5997180	CHR5:5997180	SSF x Near_LoA	-10,5852519	0,081	0,299
CHR5	5997947	CHR5:5997947	SSF x Near_LoA	-11,8260042	-0,084	0,313
CHR5	6023823	CHR5:6023823	SSF x Near_LoA	-7,74251236	-0,120	0,310
CHR5	6023838	CHR5:6023838	SSF x Near_LoA	-9,30525596	0,010	0,310
CHR5	6023852	CHR5:6023852	SSF x Near_LoA	-6,0630167	0,077	0,307
CHR5	6027966	CHR5:6027966	SSF x Near_LoA	-10,1981754	-0,024	0,301
CHR5	6030897	CHR5:6030897	SSF x Near_LoA	-8,66644904	-0,019	0,307
CHR5	6030899	CHR5:6030899	SSF x Near_LoA	-10,6807035	-0,044	0,304
CHR5	6030925	CHR5:6030925	SSF x Near_LoA	-9,54350279	-0,046	0,301
CHR5	6030935	CHR5:6030935	SSF x Near_LoA	-9,93291346	-0,090	0,322
CHR5	6030940	CHR5:6030940	SSF x Near_LoA	-9,20120263	-0,058	0,316
CHR5	6030987	CHR5:6030987	SSF x Near_LoA	-9,8486283	0,045	0,301
CHR5	6030994	CHR5:6030994	SSF x Near_LoA	-10,0680883	0,038	0,308
CHR5	6030996	CHR5:6030996	SSF x Near_LoA	-9,82131803	0,106	0,306
CHR5	6030998	CHR5:6030998	SSF x Near_LoA	-9,56928323	0,037	0,303
CHR5	6031032	CHR5:6031032	SSF x Near_LoA	-7,68627637	-0,039	0,300
CHR5	6031056	CHR5:6031056	SSF x Near_LoA	-9,68064381	0,107	0,305
CHR5	6031075	CHR5:6031075	SSF x Near_LoA	-9,88734488	-0,057	0,303
CHR5	6031083	CHR5:6031083	SSF x Near_LoA	-10,7431985	0,045	0,304
CHR5	6031085	CHR5:6031085	SSF x Near_LoA	-9,02837031	-0,064	0,309
CHR5	6031141	CHR5:6031141	SSF x Near_LoA	-9,11252358	-0,062	0,313
CHR5	6031147	CHR5:6031147	SSF x Near_LoA	-9,65460707	0,007	0,310
CHR5	6031220	CHR5:6031220	SSF x Near_LoA	-7,7704069	-0,110	0,299
CHR5	6031305	CHR5:6031305	SSF x Near_LoA	-11,2027338	0,033	0,303
CHR5	6037519	CHR5:6037519	SSF x Near_LoA	-2,40973502	0,026	0,316
CHR5	6037525	CHR5:6037525	SSF x Near_LoA	-9,20049405	-0,044	0,311
CHR5	6037563	CHR5:6037563	SSF x Near_LoA	-9,41787112	-0,009	0,309
CHR5	6043655	CHR5:6043655	SSF x Near_LoA	-9,37302268	-0,066	0,301
CHR5	6043662	CHR5:6043662	SSF x Near_LoA	-10,5446917	0,098	0,307
CHR5	6043809	CHR5:6043809	SSF x Near_LoA	-3,95978453	-0,192	0,296
CHR5	6043883	CHR5:6043883	SSF x Near_LoA	-10,0103623	0,133	0,306

CHR5	6078913	CHR5:6078913	SSF x Near_LoA	-10,2301915	0,059	0,300
CHR5	6079016	CHR5:6079016	SSF x Near_LoA	-11,2817503	0,070	0,314
CHR5	6079045	CHR5:6079045	SSF x Near_LoA	-10,2828007	-0,020	0,305
CHR5	6079085	CHR5:6079085	SSF x Near_LoA	-11,8617496	-0,041	0,300
CHR5	6087663	CHR5:6087663	SSF x Near_LoA	-9,85676983	-0,052	0,301
CHR5	6087898	CHR5:6087898	SSF x Near_LoA	-7,96760145	0,048	0,298
CHR5	6087958	CHR5:6087958	SSF x Near_LoA	-12,2196913	-0,044	0,305
CHR5	6089519	CHR5:6089519	SSF x Near_LoA	-11,7871915	-0,016	0,291
CHR5	6095369	CHR5:6095369	SSF x Near_LoA	-9,00288435	-0,013	0,303
CHR5	6095413	CHR5:6095413	SSF x Near_LoA	-8,7689533	0,005	0,312
CHR5	6095414	CHR5:6095414	SSF x Near_LoA	-10,9698544	-0,061	0,314
CHR5	6095417	CHR5:6095417	SSF x Near_LoA	-8,19842003	-0,012	0,300
CHR5	6096244	CHR5:6096244	SSF x Near_LoA	-6,28057496	-0,001	0,309
CHR5	6112258	CHR5:6112258	SSF x Near_LoA	-8,53067537	-0,068	0,302
CHR5	6112384	CHR5:6112384	SSF x Near_LoA	-9,68068764	0,107	0,313
CHR5	6113792	CHR5:6113792	SSF x Near_LoA	-9,22075895	-0,113	0,322
CHR5	6113801	CHR5:6113801	SSF x Near_LoA	-9,1209315	-0,044	0,307
CHR5	6130162	CHR5:6130162	SSF x Near_LoA	-9,02463513	0,051	0,299
CHR5	6130163	CHR5:6130163	SSF x Near_LoA	-8,76270205	0,055	0,310
CHR5	6130180	CHR5:6130180	SSF x Near_LoA	-9,70029841	-0,078	0,313
CHR5	6130203	CHR5:6130203	SSF x Near_LoA	-9,41764866	0,104	0,308
CHR5	6133678	CHR5:6133678	SSF x Near_LoA	-10,0115475	0,022	0,297
CHR5	6136001	CHR5:6136001	SSF x Near_LoA	-11,8549406	-0,038	0,316
CHR5	6136025	CHR5:6136025	SSF x Near_LoA	-9,0580574	0,020	0,307
CHR5	6136073	CHR5:6136073	SSF x Near_LoA	-8,06081868	-0,124	0,299
CHR5	6136179	CHR5:6136179	SSF x Near_LoA	-7,10517189	-0,045	0,303
CHR5	6139197	CHR5:6139197	SSF x Near_LoA	-10,0711851	0,010	0,314
CHR5	6139266	CHR5:6139266	SSF x Near_LoA	-3,94138941	-0,144	0,290
CHR5	6139316	CHR5:6139316	SSF x Near_LoA	-9,32405037	-0,057	0,298
CHR5	6146114	CHR5:6146114	SSF x Near_LoA	-10,5301672	-0,027	0,294
CHR5	6146210	CHR5:6146210	SSF x Near_LoA	-8,45644068	-0,084	0,318
CHR5	6146214	CHR5:6146214	SSF x Near_LoA	-7,67429876	-0,059	0,311
CHR5	6146221	CHR5:6146221	SSF x Near_LoA	-10,1923622	0,003	0,325
CHR5	6148900	CHR5:6148900	SSF x Near_LoA	-8,70672192	-0,043	0,321
CHR5	6148905	CHR5:6148905	SSF x Near_LoA	-8,51697764	-0,044	0,294
CHR5	6148988	CHR5:6148988	SSF x Near_LoA	-10,5549642	-0,049	0,323
CHR5	6149022	CHR5:6149022	SSF x Near_LoA	-9,23121208	0,036	0,328
CHR5	6149023	CHR5:6149023	SSF x Near_LoA	-9,45180199	0,019	0,325
CHR5	6149049	CHR5:6149049	SSF x Near_LoA	-8,83615708	0,032	0,302
CHR5	6149136	CHR5:6149136	SSF x Near_LoA	-11,3001156	0,037	0,308
CHR5	6154002	CHR5:6154002	SSF x Near_LoA	-5,1773948	0,080	0,315
CHR5	6154030	CHR5:6154030	SSF x Near_LoA	-11,3143336	0,009	0,300
CHR5	6154032	CHR5:6154032	SSF x Near_LoA	-9,95184063	-0,055	0,309
CHR5	6154052	CHR5:6154052	SSF x Near_LoA	-10,748906	0,097	0,299
CHR5	6154085	CHR5:6154085	SSF x Near_LoA	-8,69328005	0,080	0,309
CHR5	6154086	CHR5:6154086	SSF x Near_LoA	-8,39388359	-0,063	0,315
CHR5	6154118	CHR5:6154118	SSF x Near_LoA	-9,52303403	-0,047	0,301
CHR5	6154119	CHR5:6154119	SSF x Near_LoA	-4,45171427	-0,147	0,287
CHR5	6154159	CHR5:6154159	SSF x Near_LoA	-10,3043592	-0,035	0,310
CHR5	6154169	CHR5:6154169	SSF x Near_LoA	-10,582569	-0,024	0,301
CHR5	6158457	CHR5:6158457	SSF x Near_LoA	-7,81630639	0,091	0,299
CHR5	6158541	CHR5:6158541	SSF x Near_LoA	-8,52436069	-0,037	0,308
CHR5	6158608	CHR5:6158608	SSF x Near_LoA	-9,75415395	-0,073	0,318

CHR5	6164531	CHR5:6164531	SSF x Near_LoA	-8,85397654	0,057	0,316
CHR5	6164572	CHR5:6164572	SSF x Near_LoA	-8,86910714	-0,126	0,312
CHR5	6164636	CHR5:6164636	SSF x Near_LoA	-9,17167206	-0,024	0,305
CHR5	6170076	CHR5:6170076	SSF x Near_LoA	-4,41314433	0,096	0,302
CHR5	6170253	CHR5:6170253	SSF x Near_LoA	-6,90456397	-0,181	0,294
CHR5	6187339	CHR5:6187339	SSF x Near_LoA	-10,3885456	-0,023	0,303
CHR5	6204387	CHR5:6204387	SSF x Near_LoA	-11,1049786	0,054	0,301
CHR5	6208320	CHR5:6208320	SSF x Near_LoA	-7,64727724	-0,154	0,303
CHR5	6222253	CHR5:6222253	SSF x Near_LoA	-8,67478325	-0,057	0,307
CHR5	6240983	CHR5:6240983	SSF x Near_LoA	-9,19532853	0,033	0,315
CHR5	6243751	CHR5:6243751	SSF x Near_LoA	-7,72496158	0,056	0,296
CHR5	6243951	CHR5:6243951	SSF x Near_LoA	-9,34810136	-0,064	0,310
CHR5	6248586	CHR5:6248586	SSF x Near_LoA	-10,6806336	0,019	0,305
CHR5	6258423	CHR5:6258423	SSF x Near_LoA	-9,10573145	0,145	0,301
CHR5	6258630	CHR5:6258630	SSF x Near_LoA	-9,03985131	0,084	0,301
CHR5	6258723	CHR5:6258723	SSF x Near_LoA	-8,18071817	-0,087	0,298
CHR5	627235	CHR5:627235	SSF x Near_LoA	-11,0284982	0,081	0,293
CHR5	627325	CHR5:627325	SSF x Near_LoA	-8,78992035	0,015	0,302
CHR5	6278774	CHR5:6278774	SSF x Near_LoA	-11,6390627	0,038	0,299
CHR5	6278916	CHR5:6278916	SSF x Near_LoA	-6,362925	0,074	0,299
CHR5	6279027	CHR5:6279027	SSF x Near_LoA	-7,59810177	-0,092	0,316
CHR5	6285518	CHR5:6285518	SSF x Near_LoA	-10,7014353	0,037	0,307
CHR5	6285735	CHR5:6285735	SSF x Near_LoA	-8,71971807	0,025	0,304
CHR5	6285755	CHR5:6285755	SSF x Near_LoA	-9,95404467	-0,024	0,298
CHR5	6287344	CHR5:6287344	SSF x Near_LoA	-8,94732742	-0,021	0,310
CHR5	6287357	CHR5:6287357	SSF x Near_LoA	-8,64882111	-0,033	0,310
CHR5	6287365	CHR5:6287365	SSF x Near_LoA	3,12668454	0,108	0,301
CHR5	6287366	CHR5:6287366	SSF x Near_LoA	-10,9052531	0,095	0,299
CHR5	6289423	CHR5:6289423	SSF x Near_LoA	-9,7233932	-0,078	0,304
CHR5	6289490	CHR5:6289490	SSF x Near_LoA	-10,2538056	0,055	0,302
CHR5	6289647	CHR5:6289647	SSF x Near_LoA	-9,35386524	0,091	0,302
CHR5	6296330	CHR5:6296330	SSF x Near_LoA	-11,4648498	-0,030	0,311
CHR5	6301030	CHR5:6301030	SSF x Near_LoA	-9,64926181	0,075	0,299
CHR5	6301039	CHR5:6301039	SSF x Near_LoA	-8,64425387	0,074	0,293
CHR5	6301071	CHR5:6301071	SSF x Near_LoA	-7,61355452	-0,070	0,310
CHR5	6301104	CHR5:6301104	SSF x Near_LoA	-11,2221329	-0,027	0,309
CHR5	6304996	CHR5:6304996	SSF x Near_LoA	-11,0438583	-0,046	0,299
CHR5	6305087	CHR5:6305087	SSF x Near_LoA	-6,49926891	-0,173	0,304
CHR5	6305096	CHR5:6305096	SSF x Near_LoA	-7,97788967	-0,160	0,288
CHR5	6311090	CHR5:6311090	SSF x Near_LoA	-11,1268184	-0,020	0,305
CHR5	6321139	CHR5:6321139	SSF x Near_LoA	-10,7511942	0,012	0,312
CHR5	632488	CHR5:632488	SSF x Near_LoA	-11,6882809	0,013	0,308
CHR5	632529	CHR5:632529	SSF x Near_LoA	-10,933153	0,083	0,294
CHR5	6331602	CHR5:6331602	SSF x Near_LoA	-10,0707113	-0,051	0,322
CHR5	6352367	CHR5:6352367	SSF x Near_LoA	-10,6171262	-0,069	0,305
CHR5	6356959	CHR5:6356959	SSF x Near_LoA	-8,42881884	-0,026	0,312
CHR5	6356960	CHR5:6356960	SSF x Near_LoA	-11,0865086	-0,026	0,308
CHR5	6357031	CHR5:6357031	SSF x Near_LoA	-8,01384781	-0,029	0,321
CHR5	6358990	CHR5:6358990	SSF x Near_LoA	-6,16799975	0,199	0,300
CHR5	6359206	CHR5:6359206	SSF x Near_LoA	-9,8882968	0,008	0,313
CHR5	6364835	CHR5:6364835	SSF x Near_LoA	-8,16282896	0,145	0,305
CHR5	6364910	CHR5:6364910	SSF x Near_LoA	-9,47155381	0,115	0,304
CHR5	636565	CHR5:636565	SSF x Near_LoA	-10,2962141	0,013	0,317

CHR5	6387297	CHR5:6387297	SSF x Near_LoA	-8,12024615	0,024	0,308
CHR5	6389770	CHR5:6389770	SSF x Near_LoA	-11,2222644	-0,034	0,316
CHR5	6406896	CHR5:6406896	SSF x Near_LoA	-8,50375578	0,036	0,305
CHR5	6407721	CHR5:6407721	SSF x Near_LoA	-9,23332954	0,012	0,321
CHR5	6411526	CHR5:6411526	SSF x Near_LoA	-8,34631052	-0,100	0,314
CHR5	6411666	CHR5:6411666	SSF x Near_LoA	-9,31444141	-0,014	0,300
CHR5	6413283	CHR5:6413283	SSF x Near_LoA	-9,96517285	0,063	0,309
CHR5	64155	CHR5:64155	SSF x Near_LoA	-9,31502101	-0,051	0,298
CHR5	64179	CHR5:64179	SSF x Near_LoA	-10,5219866	0,033	0,310
CHR5	6419468	CHR5:6419468	SSF x Near_LoA	-7,72923926	-0,033	0,310
CHR5	6421293	CHR5:6421293	SSF x Near_LoA	-11,322811	0,023	0,316
CHR5	6422573	CHR5:6422573	SSF x Near_LoA	-8,88652825	-0,045	0,305
CHR5	6422615	CHR5:6422615	SSF x Near_LoA	-0,8589792	-0,126	0,311
CHR5	6422625	CHR5:6422625	SSF x Near_LoA	-10,9000415	0,035	0,310
CHR5	6424405	CHR5:6424405	SSF x Near_LoA	-8,08765176	-0,083	0,289
CHR5	6424431	CHR5:6424431	SSF x Near_LoA	-8,86642265	-0,098	0,312
CHR5	6424504	CHR5:6424504	SSF x Near_LoA	-8,86354515	-0,102	0,295
CHR5	64295	CHR5:64295	SSF x Near_LoA	-7,89956178	-0,074	0,307
CHR5	6431927	CHR5:6431927	SSF x Near_LoA	-3,11166167	-0,138	0,300
CHR5	6431944	CHR5:6431944	SSF x Near_LoA	-7,62650584	-0,129	0,314
CHR5	6432370	CHR5:6432370	SSF x Near_LoA	-7,36448866	0,127	0,302
CHR5	6432376	CHR5:6432376	SSF x Near_LoA	-9,16476258	-0,141	0,307
CHR5	6432378	CHR5:6432378	SSF x Near_LoA	-10,6355331	0,137	0,288
CHR5	64327	CHR5:64327	SSF x Near_LoA	-8,60365221	-0,082	0,300
CHR5	6438485	CHR5:6438485	SSF x Near_LoA	-6,67773961	-0,085	0,316
CHR5	6438564	CHR5:6438564	SSF x Near_LoA	-8,70218279	-0,051	0,304
CHR5	6448157	CHR5:6448157	SSF x Near_LoA	-9,87572011	0,029	0,307
CHR5	6448255	CHR5:6448255	SSF x Near_LoA	-9,25585982	0,019	0,306
CHR5	6448312	CHR5:6448312	SSF x Near_LoA	-9,75466525	0,020	0,301
CHR5	6458495	CHR5:6458495	SSF x Near_LoA	-6,1926209	0,183	0,301
CHR5	6458593	CHR5:6458593	SSF x Near_LoA	-9,76306826	0,147	0,313
CHR5	6458656	CHR5:6458656	SSF x Near_LoA	-7,37454948	-0,125	0,299
CHR5	6458731	CHR5:6458731	SSF x Near_LoA	-11,2199583	-0,035	0,310
CHR5	6460935	CHR5:6460935	SSF x Near_LoA	-9,24081532	0,044	0,315
CHR5	6461113	CHR5:6461113	SSF x Near_LoA	-8,35750498	0,072	0,320
CHR5	6461116	CHR5:6461116	SSF x Near_LoA	-8,93360572	0,064	0,304
CHR5	6463067	CHR5:6463067	SSF x Near_LoA	-8,54841494	0,049	0,300
CHR5	6464217	CHR5:6464217	SSF x Near_LoA	-9,80444389	0,024	0,302
CHR5	6465994	CHR5:6465994	SSF x Near_LoA	-6,08524577	0,080	0,322
CHR5	6465997	CHR5:6465997	SSF x Near_LoA	-1,97370024	0,003	0,319
CHR5	6466010	CHR5:6466010	SSF x Near_LoA	-8,00563413	0,123	0,308
CHR5	6469633	CHR5:6469633	SSF x Near_LoA	-4,22559996	-0,016	0,314
CHR5	6469656	CHR5:6469656	SSF x Near_LoA	-4,75219903	0,081	0,301
CHR5	6469711	CHR5:6469711	SSF x Near_LoA	-9,89717904	-0,015	0,313
CHR5	6469737	CHR5:6469737	SSF x Near_LoA	-6,54978935	0,129	0,306
CHR5	647204	CHR5:647204	SSF x Near_LoA	-8,28683554	-0,074	0,309
CHR5	6484540	CHR5:6484540	SSF x Near_LoA	-9,39185914	-0,048	0,316
CHR5	6484541	CHR5:6484541	SSF x Near_LoA	-6,54787987	-0,138	0,314
CHR5	6491950	CHR5:6491950	SSF x Near_LoA	-8,81909091	-0,026	0,315
CHR5	6491960	CHR5:6491960	SSF x Near_LoA	-7,49284164	-0,066	0,317
CHR5	6492141	CHR5:6492141	SSF x Near_LoA	-8,65588317	-0,053	0,310
CHR5	6494301	CHR5:6494301	SSF x Near_LoA	-10,0665277	-0,144	0,303
CHR5	6496212	CHR5:6496212	SSF x Near_LoA	-2,50908972	-0,082	0,317

CHR5	6498660	CHR5:6498660	SSF x Near_LoA	-10,5455752	0,035	0,308
CHR5	6498680	CHR5:6498680	SSF x Near_LoA	-10,6316149	0,013	0,314
CHR5	6498813	CHR5:6498813	SSF x Near_LoA	-11,0840077	0,065	0,302
CHR5	6508314	CHR5:6508314	SSF x Near_LoA	-11,0440483	-0,027	0,300
CHR5	6508388	CHR5:6508388	SSF x Near_LoA	-7,50477319	0,153	0,290
CHR5	6508521	CHR5:6508521	SSF x Near_LoA	-10,1241182	-0,007	0,302
CHR5	6512701	CHR5:6512701	SSF x Near_LoA	-6,32004503	-0,122	0,312
CHR5	6512806	CHR5:6512806	SSF x Near_LoA	-6,76335104	0,161	0,311
CHR5	6512872	CHR5:6512872	SSF x Near_LoA	-11,8235103	-0,039	0,304
CHR5	6512928	CHR5:6512928	SSF x Near_LoA	-8,56581357	0,170	0,291
CHR5	6517831	CHR5:6517831	SSF x Near_LoA	-1,32200884	-0,172	0,307
CHR5	6517910	CHR5:6517910	SSF x Near_LoA	-10,2318205	0,007	0,321
CHR5	6526770	CHR5:6526770	SSF x Near_LoA	-7,9879044	0,097	0,303
CHR5	6526825	CHR5:6526825	SSF x Near_LoA	-5,12826743	0,129	0,298
CHR5	6526947	CHR5:6526947	SSF x Near_LoA	-9,06517197	0,045	0,313
CHR5	6528423	CHR5:6528423	SSF x Near_LoA	-6,50295959	0,053	0,304
CHR5	6532374	CHR5:6532374	SSF x Near_LoA	-11,2335132	0,045	0,303
CHR5	6532461	CHR5:6532461	SSF x Near_LoA	-10,4627796	-0,006	0,308
CHR5	6532523	CHR5:6532523	SSF x Near_LoA	-8,42720653	-0,081	0,302
CHR5	6533802	CHR5:6533802	SSF x Near_LoA	-10,2914457	-0,058	0,318
CHR5	6533805	CHR5:6533805	SSF x Near_LoA	-3,90134766	0,010	0,327
CHR5	6548032	CHR5:6548032	SSF x Near_LoA	-8,35400238	-0,090	0,320
CHR5	6556713	CHR5:6556713	SSF x Near_LoA	-8,87474339	-0,056	0,314
CHR5	6559841	CHR5:6559841	SSF x Near_LoA	-9,54199585	0,088	0,298
CHR5	6564056	CHR5:6564056	SSF x Near_LoA	-7,77558911	0,054	0,301
CHR5	6564060	CHR5:6564060	SSF x Near_LoA	-9,34800801	0,102	0,315
CHR5	6564081	CHR5:6564081	SSF x Near_LoA	-9,2834963	0,059	0,315
CHR5	6565797	CHR5:6565797	SSF x Near_LoA	-10,4580483	0,024	0,326
CHR5	6565812	CHR5:6565812	SSF x Near_LoA	-11,3369158	-0,018	0,319
CHR5	6600227	CHR5:6600227	SSF x Near_LoA	-9,54688504	0,019	0,300
CHR5	6602702	CHR5:6602702	SSF x Near_LoA	-10,8684535	0,075	0,311
CHR5	6608546	CHR5:6608546	SSF x Near_LoA	-7,20281312	0,043	0,314
CHR5	6651567	CHR5:6651567	SSF x Near_LoA	-9,03075213	0,121	0,303
CHR5	6656591	CHR5:6656591	SSF x Near_LoA	-11,6806101	-0,037	0,309
CHR5	6718679	CHR5:6718679	SSF x Near_LoA	-10,4455386	0,002	0,317
CHR5	6746466	CHR5:6746466	SSF x Near_LoA	-11,7964876	0,044	0,310
CHR5	6778282	CHR5:6778282	SSF x Near_LoA	-10,239331	-0,011	0,305
CHR5	6799642	CHR5:6799642	SSF x Near_LoA	-7,95292539	-0,113	0,303
CHR5	6799751	CHR5:6799751	SSF x Near_LoA	-8,72574813	-0,064	0,300
CHR5	6799924	CHR5:6799924	SSF x Near_LoA	-9,75234574	-0,014	0,313
CHR5	6802169	CHR5:6802169	SSF x Near_LoA	-11,1742915	0,055	0,304
CHR5	6802214	CHR5:6802214	SSF x Near_LoA	-8,7407331	0,011	0,304
CHR5	6804500	CHR5:6804500	SSF x Near_LoA	-10,206214	-0,031	0,306
CHR5	6806186	CHR5:6806186	SSF x Near_LoA	-1,12955892	-0,009	0,313
CHR5	6808372	CHR5:6808372	SSF x Near_LoA	-11,6800606	-0,064	0,317
CHR5	6843742	CHR5:6843742	SSF x Near_LoA	-8,00058995	-0,101	0,305
CHR5	6845168	CHR5:6845168	SSF x Near_LoA	-5,54404913	0,097	0,306
CHR5	6847966	CHR5:6847966	SSF x Near_LoA	-7,4792392	0,118	0,306
CHR5	6850934	CHR5:6850934	SSF x Near_LoA	-8,04037127	-0,028	0,309
CHR5	6854866	CHR5:6854866	SSF x Near_LoA	8,34078793	-0,085	0,306
CHR5	6855101	CHR5:6855101	SSF x Near_LoA	-9,3593103	-0,128	0,290
CHR5	68695	CHR5:68695	SSF x Near_LoA	-11,0733746	-0,067	0,310
CHR5	688399	CHR5:688399	SSF x Near_LoA	-8,95920056	0,021	0,308

CHR5	6915987	CHR5:6915987	SSF x Near_LoA	-10,4185249	-0,002	0,313
CHR5	6922977	CHR5:6922977	SSF x Near_LoA	-5,04417803	0,131	0,295
CHR5	692346	CHR5:692346	SSF x Near_LoA	-7,96391932	0,111	0,301
CHR5	692356	CHR5:692356	SSF x Near_LoA	-8,22912786	-0,128	0,306
CHR5	692360	CHR5:692360	SSF x Near_LoA	-7,19731853	-0,125	0,304
CHR5	694558	CHR5:694558	SSF x Near_LoA	-9,37628637	-0,109	0,318
CHR5	694574	CHR5:694574	SSF x Near_LoA	-10,6251236	-0,027	0,309
CHR5	695689	CHR5:695689	SSF x Near_LoA	0,63189826	0,155	0,312
CHR5	695697	CHR5:695697	SSF x Near_LoA	-7,79655935	0,121	0,290
CHR5	6960470	CHR5:6960470	SSF x Near_LoA	-7,83460496	-0,038	0,311
CHR5	6975097	CHR5:6975097	SSF x Near_LoA	-9,16073514	0,049	0,323
CHR5	6982010	CHR5:6982010	SSF x Near_LoA	-6,98977591	-0,076	0,315
CHR5	7006041	CHR5:7006041	SSF x Near_LoA	-8,86789387	-0,020	0,313
CHR5	7011328	CHR5:7011328	SSF x Near_LoA	-8,33141291	0,021	0,292
CHR5	7016551	CHR5:7016551	SSF x Near_LoA	-9,46613789	-0,033	0,304
CHR5	7016639	CHR5:7016639	SSF x Near_LoA	-8,75995256	-0,051	0,308
CHR5	7041619	CHR5:7041619	SSF x Near_LoA	-8,28390976	0,073	0,321
CHR5	705142	CHR5:705142	SSF x Near_LoA	-3,60299164	0,014	0,317
CHR5	705209	CHR5:705209	SSF x Near_LoA	-8,08483034	-0,080	0,317
CHR5	705363	CHR5:705363	SSF x Near_LoA	-9,07757923	0,007	0,295
CHR5	705367	CHR5:705367	SSF x Near_LoA	-10,3358319	0,084	0,298
CHR5	7074457	CHR5:7074457	SSF x Near_LoA	-11,6277515	0,009	0,305
CHR5	7074665	CHR5:7074665	SSF x Near_LoA	-5,69030814	-0,129	0,311
CHR5	7074666	CHR5:7074666	SSF x Near_LoA	-5,8973273	-0,123	0,307
CHR5	7078151	CHR5:7078151	SSF x Near_LoA	-7,87562635	-0,030	0,303
CHR5	7083261	CHR5:7083261	SSF x Near_LoA	-8,82081186	0,001	0,303
CHR5	7083262	CHR5:7083262	SSF x Near_LoA	-8,57645334	0,025	0,301
CHR5	7083293	CHR5:7083293	SSF x Near_LoA	-4,83837443	-0,093	0,309
CHR5	7083294	CHR5:7083294	SSF x Near_LoA	-7,62440238	-0,029	0,310
CHR5	7083298	CHR5:7083298	SSF x Near_LoA	-10,8003199	-0,053	0,313
CHR5	7083303	CHR5:7083303	SSF x Near_LoA	-8,36240517	-0,051	0,317
CHR5	7083381	CHR5:7083381	SSF x Near_LoA	-8,56009829	0,193	0,286
CHR5	708483	CHR5:708483	SSF x Near_LoA	-10,2350365	-0,036	0,291
CHR5	708630	CHR5:708630	SSF x Near_LoA	-9,11432046	0,052	0,314
CHR5	708636	CHR5:708636	SSF x Near_LoA	-10,3747231	-0,054	0,310
CHR5	7092212	CHR5:7092212	SSF x Near_LoA	4,1582093	0,202	0,309
CHR5	7092790	CHR5:7092790	SSF x Near_LoA	-10,4666625	-0,024	0,304
CHR5	7092903	CHR5:7092903	SSF x Near_LoA	-8,43572998	0,010	0,320
CHR5	7101458	CHR5:7101458	SSF x Near_LoA	-9,73199547	-0,032	0,319
CHR5	7107560	CHR5:7107560	SSF x Near_LoA	-8,95125858	0,007	0,317
CHR5	7107617	CHR5:7107617	SSF x Near_LoA	-11,026949	-0,060	0,307
CHR5	7107728	CHR5:7107728	SSF x Near_LoA	-10,3225725	0,061	0,301
CHR5	7113797	CHR5:7113797	SSF x Near_LoA	-9,69976155	-0,069	0,324
CHR5	7113897	CHR5:7113897	SSF x Near_LoA	-9,7069362	-0,023	0,303
CHR5	7114122	CHR5:7114122	SSF x Near_LoA	-8,88162303	0,094	0,300
CHR5	7119461	CHR5:7119461	SSF x Near_LoA	-8,10623233	-0,026	0,303
CHR5	7119462	CHR5:7119462	SSF x Near_LoA	-9,43336486	0,032	0,313
CHR5	7119521	CHR5:7119521	SSF x Near_LoA	-8,12619855	-0,012	0,319
CHR5	7119561	CHR5:7119561	SSF x Near_LoA	-8,51501429	-0,125	0,300
CHR5	713405	CHR5:713405	SSF x Near_LoA	-8,05584876	-0,120	0,318
CHR5	7141482	CHR5:7141482	SSF x Near_LoA	-2,98390007	0,121	0,311
CHR5	7141537	CHR5:7141537	SSF x Near_LoA	-10,8535787	0,066	0,314
CHR5	7141545	CHR5:7141545	SSF x Near_LoA	-9,5992186	0,074	0,305

CHR5	716742	CHR5:716742	SSF x Near_LoA	-6,68502461	0,104	0,327
CHR5	716744	CHR5:716744	SSF x Near_LoA	-5,5598069	0,085	0,301
CHR5	716775	CHR5:716775	SSF x Near_LoA	-11,7661953	0,090	0,306
CHR5	716828	CHR5:716828	SSF x Near_LoA	-11,2262505	0,087	0,311
CHR5	716837	CHR5:716837	SSF x Near_LoA	-7,18297228	-0,132	0,315
CHR5	7170329	CHR5:7170329	SSF x Near_LoA	-10,75619	0,070	0,306
CHR5	7170358	CHR5:7170358	SSF x Near_LoA	-9,20243887	-0,044	0,300
CHR5	7170394	CHR5:7170394	SSF x Near_LoA	-10,0693157	0,082	0,315
CHR5	7170442	CHR5:7170442	SSF x Near_LoA	-9,47315444	-0,065	0,298
CHR5	7186012	CHR5:7186012	SSF x Near_LoA	-8,01115565	-0,013	0,319
CHR5	7186029	CHR5:7186029	SSF x Near_LoA	-11,4008359	-0,077	0,311
CHR5	7192602	CHR5:7192602	SSF x Near_LoA	-9,85046405	-0,028	0,305
CHR5	7193896	CHR5:7193896	SSF x Near_LoA	-5,4743567	0,114	0,308
CHR5	7193957	CHR5:7193957	SSF x Near_LoA	-9,91822301	0,010	0,309
CHR5	7198468	CHR5:7198468	SSF x Near_LoA	-10,2074347	0,042	0,314
CHR5	7198519	CHR5:7198519	SSF x Near_LoA	-10,2577102	-0,007	0,302
CHR5	7198528	CHR5:7198528	SSF x Near_LoA	-8,76621413	0,078	0,309
CHR5	7198596	CHR5:7198596	SSF x Near_LoA	-7,31707988	-0,119	0,317
CHR5	7198620	CHR5:7198620	SSF x Near_LoA	-8,46357637	-0,002	0,312
CHR5	7198629	CHR5:7198629	SSF x Near_LoA	-8,64066494	0,000	0,317
CHR5	7198651	CHR5:7198651	SSF x Near_LoA	-11,1614191	0,033	0,326
CHR5	7200300	CHR5:7200300	SSF x Near_LoA	-9,81896541	0,110	0,301
CHR5	7200301	CHR5:7200301	SSF x Near_LoA	-9,08241922	-0,094	0,308
CHR5	7200348	CHR5:7200348	SSF x Near_LoA	-10,3364503	0,079	0,308
CHR5	7202133	CHR5:7202133	SSF x Near_LoA	-9,22315301	0,019	0,324
CHR5	7202140	CHR5:7202140	SSF x Near_LoA	-9,18714092	-0,055	0,294
CHR5	7202173	CHR5:7202173	SSF x Near_LoA	-11,1233887	-0,039	0,310
CHR5	7202178	CHR5:7202178	SSF x Near_LoA	-8,79388971	-0,034	0,310
CHR5	7202306	CHR5:7202306	SSF x Near_LoA	-11,7846797	-0,038	0,297
CHR5	7214430	CHR5:7214430	SSF x Near_LoA	-7,75237345	0,004	0,310
CHR5	7216741	CHR5:7216741	SSF x Near_LoA	-7,92378391	0,124	0,309
CHR5	7216748	CHR5:7216748	SSF x Near_LoA	-9,28449686	-0,095	0,306
CHR5	7216750	CHR5:7216750	SSF x Near_LoA	-8,95473333	0,092	0,312
CHR5	7216764	CHR5:7216764	SSF x Near_LoA	-8,77784847	0,027	0,311
CHR5	7216767	CHR5:7216767	SSF x Near_LoA	-7,9235155	0,013	0,302
CHR5	7216777	CHR5:7216777	SSF x Near_LoA	-3,94181552	-0,027	0,312
CHR5	7216778	CHR5:7216778	SSF x Near_LoA	-11,184007	0,034	0,298
CHR5	7216823	CHR5:7216823	SSF x Near_LoA	-8,93541252	0,035	0,311
CHR5	7216829	CHR5:7216829	SSF x Near_LoA	-8,1132425	0,062	0,293
CHR5	7216843	CHR5:7216843	SSF x Near_LoA	-10,3844037	0,029	0,311
CHR5	7216857	CHR5:7216857	SSF x Near_LoA	-11,2837239	0,000	0,320
CHR5	7216880	CHR5:7216880	SSF x Near_LoA	-9,33144027	0,054	0,304
CHR5	7216903	CHR5:7216903	SSF x Near_LoA	-10,094337	0,003	0,316
CHR5	7216912	CHR5:7216912	SSF x Near_LoA	-8,09694814	-0,077	0,317
CHR5	7220534	CHR5:7220534	SSF x Near_LoA	-4,35089021	0,214	0,283
CHR5	7220748	CHR5:7220748	SSF x Near_LoA	-3,67871737	0,271	0,280
CHR5	7220800	CHR5:7220800	SSF x Near_LoA	-4,79436414	0,206	0,292
CHR5	7223565	CHR5:7223565	SSF x Near_LoA	-11,38337	-0,064	0,301
CHR5	7223566	CHR5:7223566	SSF x Near_LoA	-9,64065814	0,054	0,296
CHR5	7223650	CHR5:7223650	SSF x Near_LoA	-8,51584784	-0,010	0,302
CHR5	7230924	CHR5:7230924	SSF x Near_LoA	-9,36576367	-0,061	0,321
CHR5	7230944	CHR5:7230944	SSF x Near_LoA	-10,3078201	-0,131	0,299
CHR5	7230955	CHR5:7230955	SSF x Near_LoA	-9,98671122	-0,114	0,315

CHR5	7254653	CHR5:7254653	SSF x Near_LoA	-9,3744749	-0,003	0,314
CHR5	7254661	CHR5:7254661	SSF x Near_LoA	-7,31931342	-0,020	0,313
CHR5	7254699	CHR5:7254699	SSF x Near_LoA	-8,13785108	0,120	0,304
CHR5	7254801	CHR5:7254801	SSF x Near_LoA	-10,0066196	-0,059	0,303
CHR5	7254807	CHR5:7254807	SSF x Near_LoA	-12,3254418	0,014	0,303
CHR5	7254821	CHR5:7254821	SSF x Near_LoA	-8,82536215	0,148	0,289
CHR5	7254850	CHR5:7254850	SSF x Near_LoA	-7,96917551	-0,038	0,307
CHR5	7256839	CHR5:7256839	SSF x Near_LoA	-10,5437228	0,069	0,302
CHR5	7256860	CHR5:7256860	SSF x Near_LoA	-9,99175972	0,047	0,303
CHR5	7256917	CHR5:7256917	SSF x Near_LoA	-7,79213778	-0,084	0,310
CHR5	7263892	CHR5:7263892	SSF x Near_LoA	-8,28825147	-0,096	0,318
CHR5	7282212	CHR5:7282212	SSF x Near_LoA	-8,72976541	0,101	0,310
CHR5	7291745	CHR5:7291745	SSF x Near_LoA	-9,94215776	-0,049	0,290
CHR5	7292075	CHR5:7292075	SSF x Near_LoA	13,0728179	0,065	0,303
CHR5	7292139	CHR5:7292139	SSF x Near_LoA	-7,11167204	0,067	0,304
CHR5	7294573	CHR5:7294573	SSF x Near_LoA	-11,077545	0,075	0,304
CHR5	7294584	CHR5:7294584	SSF x Near_LoA	-9,35800168	0,082	0,302
CHR5	7300208	CHR5:7300208	SSF x Near_LoA	-10,2713556	0,029	0,305
CHR5	7305276	CHR5:7305276	SSF x Near_LoA	-8,26943589	0,081	0,310
CHR5	7305287	CHR5:7305287	SSF x Near_LoA	-11,1823262	-0,028	0,304
CHR5	7305327	CHR5:7305327	SSF x Near_LoA	-9,22085183	0,025	0,305
CHR5	7305351	CHR5:7305351	SSF x Near_LoA	-8,92604903	0,058	0,310
CHR5	7306646	CHR5:7306646	SSF x Near_LoA	-11,1158287	-0,015	0,307
CHR5	7306652	CHR5:7306652	SSF x Near_LoA	-8,61304843	-0,021	0,321
CHR5	7312948	CHR5:7312948	SSF x Near_LoA	-10,5196491	0,106	0,303
CHR5	7312949	CHR5:7312949	SSF x Near_LoA	-7,92756953	-0,020	0,312
CHR5	7312980	CHR5:7312980	SSF x Near_LoA	-8,58363483	-0,029	0,306
CHR5	7347206	CHR5:7347206	SSF x Near_LoA	-9,6301011	0,112	0,297
CHR5	7349294	CHR5:7349294	SSF x Near_LoA	-8,83519883	-0,021	0,308
CHR5	7349296	CHR5:7349296	SSF x Near_LoA	-8,83442604	-0,016	0,305
CHR5	7353450	CHR5:7353450	SSF x Near_LoA	-10,3395024	0,012	0,302
CHR5	7356435	CHR5:7356435	SSF x Near_LoA	-9,72239135	0,008	0,311
CHR5	7359434	CHR5:7359434	SSF x Near_LoA	-9,22234326	0,040	0,312
CHR5	7359437	CHR5:7359437	SSF x Near_LoA	-8,18189702	-0,084	0,325
CHR5	7359444	CHR5:7359444	SSF x Near_LoA	-7,14584783	-0,109	0,316
CHR5	7359527	CHR5:7359527	SSF x Near_LoA	-9,47101087	0,060	0,311
CHR5	7359664	CHR5:7359664	SSF x Near_LoA	-6,06747247	-0,171	0,305
CHR5	7359683	CHR5:7359683	SSF x Near_LoA	-9,09784686	0,049	0,314
CHR5	7359696	CHR5:7359696	SSF x Near_LoA	-9,80846511	-0,013	0,315
CHR5	7360494	CHR5:7360494	SSF x Near_LoA	-10,2374887	0,081	0,297
CHR5	7360575	CHR5:7360575	SSF x Near_LoA	-10,6831659	0,060	0,312
CHR5	7360755	CHR5:7360755	SSF x Near_LoA	-8,19591726	0,060	0,310
CHR5	7360759	CHR5:7360759	SSF x Near_LoA	-10,3907362	-0,015	0,309
CHR5	7382021	CHR5:7382021	SSF x Near_LoA	-8,40361079	-0,074	0,311
CHR5	7383822	CHR5:7383822	SSF x Near_LoA	-7,96266773	-0,094	0,287
CHR5	7384033	CHR5:7384033	SSF x Near_LoA	-3,21838911	0,180	0,290
CHR5	738624	CHR5:738624	SSF x Near_LoA	-8,58925211	0,047	0,298
CHR5	738630	CHR5:738630	SSF x Near_LoA	-10,1410844	0,091	0,304
CHR5	7386674	CHR5:7386674	SSF x Near_LoA	-4,43179458	0,080	0,311
CHR5	7386771	CHR5:7386771	SSF x Near_LoA	-8,91081118	0,088	0,303
CHR5	7398896	CHR5:7398896	SSF x Near_LoA	-7,88654625	-0,088	0,319
CHR5	7403107	CHR5:7403107	SSF x Near_LoA	-6,03062886	-0,127	0,305
CHR5	7403134	CHR5:7403134	SSF x Near_LoA	-11,6115418	-0,037	0,306

CHR5	7403156	CHR5:7403156	SSF x Near_LoA	-8,59115527	-0,083	0,309
CHR5	7403159	CHR5:7403159	SSF x Near_LoA	-8,70861118	-0,095	0,328
CHR5	7403163	CHR5:7403163	SSF x Near_LoA	-10,2116026	-0,111	0,302
CHR5	7403220	CHR5:7403220	SSF x Near_LoA	-9,29061585	-0,146	0,301
CHR5	7403254	CHR5:7403254	SSF x Near_LoA	-10,8543022	-0,026	0,307
CHR5	7408122	CHR5:7408122	SSF x Near_LoA	-9,43328235	0,099	0,289
CHR5	7408152	CHR5:7408152	SSF x Near_LoA	-6,4719145	0,184	0,292
CHR5	7408340	CHR5:7408340	SSF x Near_LoA	-6,320266	0,052	0,288
CHR5	7414669	CHR5:7414669	SSF x Near_LoA	-7,99161589	0,165	0,301
CHR5	7422497	CHR5:7422497	SSF x Near_LoA	-11,4142818	-0,025	0,290
CHR5	7434203	CHR5:7434203	SSF x Near_LoA	-10,7843828	-0,053	0,298
CHR5	7434224	CHR5:7434224	SSF x Near_LoA	-11,6528202	-0,012	0,295
CHR5	7434309	CHR5:7434309	SSF x Near_LoA	-11,6643386	-0,017	0,299
CHR5	7434365	CHR5:7434365	SSF x Near_LoA	-9,82657044	-0,065	0,307
CHR5	7434375	CHR5:7434375	SSF x Near_LoA	-8,42328431	-0,016	0,312
CHR5	7434387	CHR5:7434387	SSF x Near_LoA	-10,0510236	0,039	0,309
CHR5	7434457	CHR5:7434457	SSF x Near_LoA	-11,941248	-0,017	0,308
CHR5	7434460	CHR5:7434460	SSF x Near_LoA	-8,50065968	-0,153	0,297
CHR5	7434496	CHR5:7434496	SSF x Near_LoA	-8,22563546	0,044	0,308
CHR5	7440475	CHR5:7440475	SSF x Near_LoA	-10,4733933	0,041	0,302
CHR5	7440544	CHR5:7440544	SSF x Near_LoA	-7,53659635	-0,107	0,311
CHR5	7455085	CHR5:7455085	SSF x Near_LoA	-8,16887171	0,080	0,316
CHR5	7455182	CHR5:7455182	SSF x Near_LoA	-10,6168377	0,014	0,305
CHR5	7455407	CHR5:7455407	SSF x Near_LoA	-9,59239259	-0,078	0,299
CHR5	7455413	CHR5:7455413	SSF x Near_LoA	-9,00041156	-0,058	0,294
CHR5	7455434	CHR5:7455434	SSF x Near_LoA	-7,35143083	0,125	0,289
CHR5	7455435	CHR5:7455435	SSF x Near_LoA	-10,8166248	-0,077	0,308
CHR5	7455447	CHR5:7455447	SSF x Near_LoA	-7,5559504	-0,013	0,303
CHR5	7463298	CHR5:7463298	SSF x Near_LoA	-6,67849778	-0,086	0,320
CHR5	7463323	CHR5:7463323	SSF x Near_LoA	-9,57083166	0,003	0,297
CHR5	7463325	CHR5:7463325	SSF x Near_LoA	-8,31774949	0,014	0,299
CHR5	7463352	CHR5:7463352	SSF x Near_LoA	-8,18067295	0,093	0,302
CHR5	7476991	CHR5:7476991	SSF x Near_LoA	-6,68708373	-0,073	0,316
CHR5	7477061	CHR5:7477061	SSF x Near_LoA	-11,6553577	0,008	0,319
CHR5	7480816	CHR5:7480816	SSF x Near_LoA	-5,08590779	0,157	0,301
CHR5	7480819	CHR5:7480819	SSF x Near_LoA	-10,9947653	-0,019	0,303
CHR5	7480847	CHR5:7480847	SSF x Near_LoA	-9,88698388	-0,004	0,313
CHR5	7480857	CHR5:7480857	SSF x Near_LoA	-10,9276987	-0,062	0,310
CHR5	7480863	CHR5:7480863	SSF x Near_LoA	-6,20996388	-0,088	0,296
CHR5	7480870	CHR5:7480870	SSF x Near_LoA	-7,66348286	0,119	0,304
CHR5	7480873	CHR5:7480873	SSF x Near_LoA	-11,456243	-0,020	0,306
CHR5	7480909	CHR5:7480909	SSF x Near_LoA	-11,2948155	0,058	0,305
CHR5	7480922	CHR5:7480922	SSF x Near_LoA	-6,49704326	-0,027	0,315
CHR5	7480976	CHR5:7480976	SSF x Near_LoA	-9,71025908	0,063	0,298
CHR5	748450	CHR5:748450	SSF x Near_LoA	-7,49473764	-0,151	0,310
CHR5	7493745	CHR5:7493745	SSF x Near_LoA	-7,3100951	-0,047	0,311
CHR5	7493750	CHR5:7493750	SSF x Near_LoA	-6,94960947	-0,035	0,313
CHR5	7493754	CHR5:7493754	SSF x Near_LoA	-8,43608979	-0,057	0,298
CHR5	7493777	CHR5:7493777	SSF x Near_LoA	-10,7692763	-0,013	0,310
CHR5	7493822	CHR5:7493822	SSF x Near_LoA	-7,60896317	-0,135	0,306
CHR5	7493823	CHR5:7493823	SSF x Near_LoA	-9,79079989	0,073	0,310
CHR5	7504941	CHR5:7504941	SSF x Near_LoA	-7,26473538	-0,025	0,314
CHR5	7509367	CHR5:7509367	SSF x Near_LoA	-7,09755708	-0,159	0,298

CHR5	7509403	CHR5:7509403	SSF x Near_LoA	-7,24359681	-0,153	0,309
CHR5	7513542	CHR5:7513542	SSF x Near_LoA	-8,7201751	-0,087	0,303
CHR5	7524235	CHR5:7524235	SSF x Near_LoA	-7,82557843	0,113	0,319
CHR5	7525205	CHR5:7525205	SSF x Near_LoA	-4,68777409	-0,056	0,316
CHR5	7529450	CHR5:7529450	SSF x Near_LoA	-6,9414252	0,077	0,291
CHR5	7529479	CHR5:7529479	SSF x Near_LoA	-11,0261156	-0,025	0,318
CHR5	7552579	CHR5:7552579	SSF x Near_LoA	-10,716536	0,020	0,308
CHR5	7560341	CHR5:7560341	SSF x Near_LoA	-9,60325947	0,051	0,305
CHR5	7560378	CHR5:7560378	SSF x Near_LoA	-6,050856	0,066	0,316
CHR5	7560383	CHR5:7560383	SSF x Near_LoA	-11,7351523	0,001	0,307
CHR5	7560436	CHR5:7560436	SSF x Near_LoA	-11,4899784	-0,012	0,303
CHR5	7560583	CHR5:7560583	SSF x Near_LoA	-10,644565	-0,091	0,304
CHR5	7593387	CHR5:7593387	SSF x Near_LoA	-10,9108531	0,036	0,307
CHR5	7593518	CHR5:7593518	SSF x Near_LoA	-9,89781443	0,057	0,307
CHR5	7598821	CHR5:7598821	SSF x Near_LoA	-9,84015294	-0,008	0,292
CHR5	7598830	CHR5:7598830	SSF x Near_LoA	-11,0504323	0,025	0,307
CHR5	7598847	CHR5:7598847	SSF x Near_LoA	-8,67335848	0,131	0,292
CHR5	7598873	CHR5:7598873	SSF x Near_LoA	-11,0805118	0,003	0,296
CHR5	7598910	CHR5:7598910	SSF x Near_LoA	-6,77639901	-0,012	0,313
CHR5	7598912	CHR5:7598912	SSF x Near_LoA	-7,83380139	0,104	0,309
CHR5	7599090	CHR5:7599090	SSF x Near_LoA	-10,3056754	-0,042	0,301
CHR5	7625127	CHR5:7625127	SSF x Near_LoA	-11,141209	0,044	0,304
CHR5	7638918	CHR5:7638918	SSF x Near_LoA	-8,44874036	0,078	0,318
CHR5	7652329	CHR5:7652329	SSF x Near_LoA	-8,80942309	-0,058	0,310
CHR5	7677361	CHR5:7677361	SSF x Near_LoA	-10,399135	0,067	0,311
CHR5	7705998	CHR5:7705998	SSF x Near_LoA	-9,4588117	0,055	0,312
CHR5	7706063	CHR5:7706063	SSF x Near_LoA	-10,2161133	0,072	0,297
CHR5	7707906	CHR5:7707906	SSF x Near_LoA	-10,799037	0,035	0,323
CHR5	7711378	CHR5:7711378	SSF x Near_LoA	-8,11091425	-0,053	0,322
CHR5	7718421	CHR5:7718421	SSF x Near_LoA	-9,34191137	-0,018	0,306
CHR5	7718439	CHR5:7718439	SSF x Near_LoA	-8,72434208	-0,093	0,303
CHR5	7718515	CHR5:7718515	SSF x Near_LoA	-7,35759371	-0,099	0,313
CHR5	7718527	CHR5:7718527	SSF x Near_LoA	-8,17170851	-0,097	0,319
CHR5	7757984	CHR5:7757984	SSF x Near_LoA	-11,2034372	-0,024	0,313
CHR5	7757991	CHR5:7757991	SSF x Near_LoA	-9,62739388	0,031	0,318
CHR5	7759488	CHR5:7759488	SSF x Near_LoA	-5,80525188	0,056	0,299
CHR5	7762990	CHR5:7762990	SSF x Near_LoA	-8,71161784	0,069	0,300
CHR5	7763195	CHR5:7763195	SSF x Near_LoA	-9,4616464	-0,025	0,301
CHR5	7763240	CHR5:7763240	SSF x Near_LoA	-8,29688885	-0,061	0,311
CHR5	7763243	CHR5:7763243	SSF x Near_LoA	-9,35388793	0,127	0,298
CHR5	7769158	CHR5:7769158	SSF x Near_LoA	-9,55075598	0,141	0,306
CHR5	7769173	CHR5:7769173	SSF x Near_LoA	-6,14021303	0,202	0,293
CHR5	7769184	CHR5:7769184	SSF x Near_LoA	-9,48085721	0,104	0,306
CHR5	7769231	CHR5:7769231	SSF x Near_LoA	-9,73000547	0,123	0,290
CHR5	7769238	CHR5:7769238	SSF x Near_LoA	-8,91956092	-0,156	0,302
CHR5	7769355	CHR5:7769355	SSF x Near_LoA	-10,5743978	-0,070	0,302
CHR5	7770893	CHR5:7770893	SSF x Near_LoA	-10,3100702	0,048	0,302
CHR5	7770906	CHR5:7770906	SSF x Near_LoA	-8,20456817	-0,001	0,322
CHR5	7773725	CHR5:7773725	SSF x Near_LoA	-10,3418083	0,043	0,304
CHR5	7773806	CHR5:7773806	SSF x Near_LoA	-8,73726786	0,180	0,288
CHR5	7781348	CHR5:7781348	SSF x Near_LoA	-9,05806158	0,065	0,311
CHR5	7781351	CHR5:7781351	SSF x Near_LoA	-10,3910991	-0,099	0,314
CHR5	7781413	CHR5:7781413	SSF x Near_LoA	-6,84799023	-0,036	0,319

CHR5	7781431	CHR5:7781431	SSF x Near_LoA	-6,72351014	0,107	0,309
CHR5	7781490	CHR5:7781490	SSF x Near_LoA	-5,61138924	-0,169	0,306
CHR5	7781538	CHR5:7781538	SSF x Near_LoA	-10,4592619	0,067	0,308
CHR5	7781546	CHR5:7781546	SSF x Near_LoA	-9,69166353	-0,049	0,320
CHR5	7784172	CHR5:7784172	SSF x Near_LoA	-7,85906066	-0,028	0,315
CHR5	7784202	CHR5:7784202	SSF x Near_LoA	-10,620369	-0,065	0,312
CHR5	7784229	CHR5:7784229	SSF x Near_LoA	-10,4308686	0,019	0,309
CHR5	7784268	CHR5:7784268	SSF x Near_LoA	-10,0981789	-0,030	0,313
CHR5	7786131	CHR5:7786131	SSF x Near_LoA	-8,51762388	0,149	0,290
CHR5	7786212	CHR5:7786212	SSF x Near_LoA	-9,28708828	0,107	0,295
CHR5	7786270	CHR5:7786270	SSF x Near_LoA	-9,9947025	0,000	0,304
CHR5	7786277	CHR5:7786277	SSF x Near_LoA	-8,68095419	0,102	0,304
CHR5	7792054	CHR5:7792054	SSF x Near_LoA	-11,1548039	-0,014	0,311
CHR5	779576	CHR5:779576	SSF x Near_LoA	-7,652333	0,023	0,312
CHR5	7803752	CHR5:7803752	SSF x Near_LoA	-7,71308842	-0,085	0,311
CHR5	7803786	CHR5:7803786	SSF x Near_LoA	-10,7390708	-0,103	0,299
CHR5	7803924	CHR5:7803924	SSF x Near_LoA	-8,16416214	0,035	0,308
CHR5	7804017	CHR5:7804017	SSF x Near_LoA	-7,46358051	0,136	0,306
CHR5	7804024	CHR5:7804024	SSF x Near_LoA	-9,93038641	0,010	0,305
CHR5	7804044	CHR5:7804044	SSF x Near_LoA	-10,2352991	0,051	0,292
CHR5	7808479	CHR5:7808479	SSF x Near_LoA	-10,0883303	0,022	0,296
CHR5	7808675	CHR5:7808675	SSF x Near_LoA	-9,30831262	0,031	0,309
CHR5	78168	CHR5:78168	SSF x Near_LoA	-7,07042335	-0,139	0,302
CHR5	782195	CHR5:782195	SSF x Near_LoA	-11,3634566	0,015	0,307
CHR5	782214	CHR5:782214	SSF x Near_LoA	-8,21408592	0,054	0,315
CHR5	782257	CHR5:782257	SSF x Near_LoA	-7,3290778	0,142	0,317
CHR5	78266	CHR5:78266	SSF x Near_LoA	-9,25080115	0,020	0,310
CHR5	7827522	CHR5:7827522	SSF x Near_LoA	-9,47105024	0,070	0,307
CHR5	7830146	CHR5:7830146	SSF x Near_LoA	-10,5614413	-0,122	0,296
CHR5	7830148	CHR5:7830148	SSF x Near_LoA	-10,8103893	-0,110	0,305
CHR5	7832537	CHR5:7832537	SSF x Near_LoA	-9,5090874	-0,029	0,299
CHR5	7838122	CHR5:7838122	SSF x Near_LoA	-2,43401625	-0,142	0,300
CHR5	7838141	CHR5:7838141	SSF x Near_LoA	-5,13434844	-0,156	0,302
CHR5	78434	CHR5:78434	SSF x Near_LoA	-11,8447453	-0,049	0,300
CHR5	7849535	CHR5:7849535	SSF x Near_LoA	-4,29129017	-0,155	0,316
CHR5	78530	CHR5:78530	SSF x Near_LoA	0,1245418	-0,143	0,318
CHR5	785656	CHR5:785656	SSF x Near_LoA	-10,8916994	-0,008	0,300
CHR5	7867727	CHR5:7867727	SSF x Near_LoA	-9,1049617	0,001	0,307
CHR5	790587	CHR5:790587	SSF x Near_LoA	-10,3533017	-0,112	0,316
CHR5	790591	CHR5:790591	SSF x Near_LoA	-9,35606954	0,024	0,308
CHR5	790656	CHR5:790656	SSF x Near_LoA	-6,20133336	-0,054	0,316
CHR5	7911559	CHR5:7911559	SSF x Near_LoA	-10,2820938	0,088	0,309
CHR5	7920808	CHR5:7920808	SSF x Near_LoA	-11,3290338	0,010	0,301
CHR5	7920994	CHR5:7920994	SSF x Near_LoA	-11,2144463	-0,073	0,297
CHR5	7977335	CHR5:7977335	SSF x Near_LoA	-8,10265017	0,014	0,310
CHR5	7981617	CHR5:7981617	SSF x Near_LoA	-11,8766156	-0,049	0,302
CHR5	801655	CHR5:801655	SSF x Near_LoA	-11,3290936	-0,012	0,321
CHR5	8017370	CHR5:8017370	SSF x Near_LoA	-9,80077634	0,066	0,306
CHR5	8020511	CHR5:8020511	SSF x Near_LoA	-7,45578031	0,015	0,322
CHR5	8020721	CHR5:8020721	SSF x Near_LoA	-4,72871752	-0,192	0,297
CHR5	8043542	CHR5:8043542	SSF x Near_LoA	-11,11221	-0,017	0,304
CHR5	8073898	CHR5:8073898	SSF x Near_LoA	-4,75932405	-0,014	0,302
CHR5	8073907	CHR5:8073907	SSF x Near_LoA	-8,35238635	0,052	0,312

CHR5	810998	CHR5:810998	SSF x Near_LoA	-7,80413814	0,005	0,319
CHR5	811015	CHR5:811015	SSF x Near_LoA	-9,08367596	0,021	0,310
CHR5	811064	CHR5:811064	SSF x Near_LoA	-9,54848971	-0,067	0,302
CHR5	818594	CHR5:818594	SSF x Near_LoA	-7,99629159	-0,014	0,310
CHR5	818649	CHR5:818649	SSF x Near_LoA	-9,88540243	0,027	0,307
CHR5	818717	CHR5:818717	SSF x Near_LoA	-6,13805753	-0,024	0,312
CHR5	8192298	CHR5:8192298	SSF x Near_LoA	-7,58512838	0,083	0,300
CHR5	821311	CHR5:821311	SSF x Near_LoA	-10,672449	0,017	0,297
CHR5	821319	CHR5:821319	SSF x Near_LoA	-12,5360313	0,011	0,300
CHR5	821347	CHR5:821347	SSF x Near_LoA	-7,43223401	0,113	0,312
CHR5	8220047	CHR5:8220047	SSF x Near_LoA	-11,4275881	-0,091	0,308
CHR5	8237757	CHR5:8237757	SSF x Near_LoA	-11,8090244	-0,040	0,308
CHR5	8237790	CHR5:8237790	SSF x Near_LoA	-10,0228033	-0,143	0,311
CHR5	8237850	CHR5:8237850	SSF x Near_LoA	-11,4394857	-0,015	0,306
CHR5	8243811	CHR5:8243811	SSF x Near_LoA	-8,61758291	-0,024	0,301
CHR5	8243907	CHR5:8243907	SSF x Near_LoA	-10,039071	0,054	0,303
CHR5	8253012	CHR5:8253012	SSF x Near_LoA	-9,28973605	-0,038	0,314
CHR5	8253035	CHR5:8253035	SSF x Near_LoA	-7,93070912	-0,117	0,300
CHR5	8253106	CHR5:8253106	SSF x Near_LoA	-10,6181952	0,053	0,317
CHR5	8259218	CHR5:8259218	SSF x Near_LoA	-9,42610803	0,005	0,305
CHR5	8259242	CHR5:8259242	SSF x Near_LoA	-1,89464468	-0,083	0,317
CHR5	8259323	CHR5:8259323	SSF x Near_LoA	-7,26701956	-0,202	0,293
CHR5	827250	CHR5:827250	SSF x Near_LoA	-10,951372	-0,074	0,303
CHR5	827253	CHR5:827253	SSF x Near_LoA	-9,1516879	0,016	0,301
CHR5	8272885	CHR5:8272885	SSF x Near_LoA	-10,193316	0,006	0,309
CHR5	8273006	CHR5:8273006	SSF x Near_LoA	-7,08280512	0,088	0,311
CHR5	8274209	CHR5:8274209	SSF x Near_LoA	-4,21512941	0,047	0,300
CHR5	8274316	CHR5:8274316	SSF x Near_LoA	0,40295114	-0,184	0,294
CHR5	8274346	CHR5:8274346	SSF x Near_LoA	-6,86557113	-0,032	0,321
CHR5	8274371	CHR5:8274371	SSF x Near_LoA	-9,92505508	-0,109	0,302
CHR5	8274448	CHR5:8274448	SSF x Near_LoA	-8,84772687	-0,081	0,315
CHR5	8274472	CHR5:8274472	SSF x Near_LoA	-8,50189156	-0,065	0,308
CHR5	8286243	CHR5:8286243	SSF x Near_LoA	-9,64810617	0,123	0,298
CHR5	8288667	CHR5:8288667	SSF x Near_LoA	-8,12644843	0,067	0,308
CHR5	8294305	CHR5:8294305	SSF x Near_LoA	-9,33754764	0,072	0,311
CHR5	8294923	CHR5:8294923	SSF x Near_LoA	-7,72262531	0,106	0,317
CHR5	8300410	CHR5:8300410	SSF x Near_LoA	-7,20664215	0,114	0,306
CHR5	8309562	CHR5:8309562	SSF x Near_LoA	-7,45926637	-0,126	0,316
CHR5	8313375	CHR5:8313375	SSF x Near_LoA	-10,8150879	0,013	0,303
CHR5	8313380	CHR5:8313380	SSF x Near_LoA	-2,96976272	-0,092	0,306
CHR5	8313885	CHR5:8313885	SSF x Near_LoA	-9,88075902	0,041	0,316
CHR5	8314964	CHR5:8314964	SSF x Near_LoA	-7,38324831	-0,102	0,297
CHR5	8316726	CHR5:8316726	SSF x Near_LoA	-11,1546336	-0,038	0,296
CHR5	8316808	CHR5:8316808	SSF x Near_LoA	-7,72021499	-0,030	0,303
CHR5	8326013	CHR5:8326013	SSF x Near_LoA	-6,48790857	0,041	0,309
CHR5	8326068	CHR5:8326068	SSF x Near_LoA	-7,83182963	-0,102	0,308
CHR5	8348459	CHR5:8348459	SSF x Near_LoA	-0,70728879	0,077	0,306
CHR5	8348480	CHR5:8348480	SSF x Near_LoA	-8,94856399	0,058	0,310
CHR5	8348532	CHR5:8348532	SSF x Near_LoA	-8,78241044	-0,085	0,301
CHR5	8348551	CHR5:8348551	SSF x Near_LoA	-8,85932581	0,044	0,297
CHR5	8348592	CHR5:8348592	SSF x Near_LoA	-3,92873037	-0,096	0,309
CHR5	8348629	CHR5:8348629	SSF x Near_LoA	-6,46754138	-0,004	0,318
CHR5	836523	CHR5:836523	SSF x Near_LoA	-11,4332398	0,075	0,290

CHR5	836531	CHR5:836531	SSF x Near_LoA	-8,27215634	-0,003	0,310
CHR5	836565	CHR5:836565	SSF x Near_LoA	-10,6008441	0,050	0,312
CHR5	836571	CHR5:836571	SSF x Near_LoA	-9,59582314	-0,007	0,309
CHR5	836581	CHR5:836581	SSF x Near_LoA	-9,40301611	-0,092	0,309
CHR5	8379469	CHR5:8379469	SSF x Near_LoA	-8,77971134	-0,090	0,310
CHR5	8394546	CHR5:8394546	SSF x Near_LoA	-8,6971978	-0,032	0,310
CHR5	8394548	CHR5:8394548	SSF x Near_LoA	-10,3164945	0,086	0,299
CHR5	8399137	CHR5:8399137	SSF x Near_LoA	-8,78471965	-0,042	0,296
CHR5	8399332	CHR5:8399332	SSF x Near_LoA	-11,205813	-0,003	0,315
CHR5	8401722	CHR5:8401722	SSF x Near_LoA	-9,51875207	0,034	0,304
CHR5	8401739	CHR5:8401739	SSF x Near_LoA	-9,27839722	-0,012	0,294
CHR5	841236	CHR5:841236	SSF x Near_LoA	-6,09669361	0,137	0,303
CHR5	8418263	CHR5:8418263	SSF x Near_LoA	-11,6547227	0,030	0,319
CHR5	8420668	CHR5:8420668	SSF x Near_LoA	-10,3847067	-0,043	0,303
CHR5	8423087	CHR5:8423087	SSF x Near_LoA	-9,6304857	-0,155	0,293
CHR5	8431891	CHR5:8431891	SSF x Near_LoA	-8,72405688	0,030	0,309
CHR5	8431943	CHR5:8431943	SSF x Near_LoA	-9,85369723	0,109	0,306
CHR5	8431962	CHR5:8431962	SSF x Near_LoA	-8,30282386	-0,073	0,314
CHR5	8437886	CHR5:8437886	SSF x Near_LoA	-10,1629888	-0,061	0,304
CHR5	844034	CHR5:844034	SSF x Near_LoA	-9,56387594	-0,022	0,314
CHR5	844097	CHR5:844097	SSF x Near_LoA	-11,5881372	-0,026	0,301
CHR5	844114	CHR5:844114	SSF x Near_LoA	-8,51792418	-0,006	0,317
CHR5	844188	CHR5:844188	SSF x Near_LoA	-10,9775591	-0,005	0,319
CHR5	844195	CHR5:844195	SSF x Near_LoA	-11,7366258	-0,028	0,298
CHR5	8455744	CHR5:8455744	SSF x Near_LoA	-10,059118	-0,070	0,301
CHR5	8459561	CHR5:8459561	SSF x Near_LoA	-9,982569	0,118	0,309
CHR5	8462246	CHR5:8462246	SSF x Near_LoA	-9,78102326	0,137	0,308
CHR5	846962	CHR5:846962	SSF x Near_LoA	-11,4961466	0,062	0,308
CHR5	846969	CHR5:846969	SSF x Near_LoA	-11,438904	0,056	0,308
CHR5	847086	CHR5:847086	SSF x Near_LoA	-8,13082329	0,109	0,304
CHR5	849186	CHR5:849186	SSF x Near_LoA	-11,031219	0,019	0,298
CHR5	8500514	CHR5:8500514	SSF x Near_LoA	-7,11706518	0,086	0,304
CHR5	8505950	CHR5:8505950	SSF x Near_LoA	-10,8943662	0,020	0,294
CHR5	8508294	CHR5:8508294	SSF x Near_LoA	-8,90758243	0,037	0,317
CHR5	8530209	CHR5:8530209	SSF x Near_LoA	-5,74152026	0,082	0,320
CHR5	853506	CHR5:853506	SSF x Near_LoA	-11,1694589	-0,048	0,312
CHR5	853612	CHR5:853612	SSF x Near_LoA	-8,00379461	-0,140	0,298
CHR5	853753	CHR5:853753	SSF x Near_LoA	-6,48123281	0,033	0,308
CHR5	8569187	CHR5:8569187	SSF x Near_LoA	-10,0704651	0,008	0,302
CHR5	8578998	CHR5:8578998	SSF x Near_LoA	-11,9069233	-0,047	0,309
CHR5	8600184	CHR5:8600184	SSF x Near_LoA	-8,60383491	0,018	0,307
CHR5	8602053	CHR5:8602053	SSF x Near_LoA	-8,26937226	-0,023	0,293
CHR5	8602089	CHR5:8602089	SSF x Near_LoA	-9,37584241	-0,019	0,295
CHR5	8602108	CHR5:8602108	SSF x Near_LoA	-9,92899907	-0,011	0,309
CHR5	8611716	CHR5:8611716	SSF x Near_LoA	-8,96830815	-0,105	0,301
CHR5	8611853	CHR5:8611853	SSF x Near_LoA	-8,47099657	0,123	0,305
CHR5	8611859	CHR5:8611859	SSF x Near_LoA	-7,00942921	0,084	0,302
CHR5	8627783	CHR5:8627783	SSF x Near_LoA	-8,59069105	0,007	0,311
CHR5	8645273	CHR5:8645273	SSF x Near_LoA	-10,5939695	0,067	0,288
CHR5	8645343	CHR5:8645343	SSF x Near_LoA	-10,5156461	0,059	0,300
CHR5	8645434	CHR5:8645434	SSF x Near_LoA	-7,69304522	0,121	0,299
CHR5	8649276	CHR5:8649276	SSF x Near_LoA	-10,9503914	0,094	0,311
CHR5	8649378	CHR5:8649378	SSF x Near_LoA	3,63248572	-0,178	0,303

CHR5	8654284	CHR5:8654284	SSF x Near_LoA	-7,88068066	0,078	0,305
CHR5	8654328	CHR5:8654328	SSF x Near_LoA	-8,84585479	0,009	0,310
CHR5	8654331	CHR5:8654331	SSF x Near_LoA	-10,3234998	0,011	0,316
CHR5	8663548	CHR5:8663548	SSF x Near_LoA	-11,667012	-0,113	0,304
CHR5	8663576	CHR5:8663576	SSF x Near_LoA	-8,08677809	0,149	0,301
CHR5	8663621	CHR5:8663621	SSF x Near_LoA	-5,14972855	-0,090	0,316
CHR5	8663649	CHR5:8663649	SSF x Near_LoA	-9,07964039	-0,074	0,293
CHR5	8663678	CHR5:8663678	SSF x Near_LoA	-10,0877632	-0,081	0,311
CHR5	8663719	CHR5:8663719	SSF x Near_LoA	-10,4234189	0,001	0,315
CHR5	8663741	CHR5:8663741	SSF x Near_LoA	-8,57083811	-0,067	0,309
CHR5	8663748	CHR5:8663748	SSF x Near_LoA	-8,3779779	0,112	0,304
CHR5	8663753	CHR5:8663753	SSF x Near_LoA	-7,91575749	0,093	0,299
CHR5	8663763	CHR5:8663763	SSF x Near_LoA	-7,87889618	0,128	0,316
CHR5	8663776	CHR5:8663776	SSF x Near_LoA	-8,15759334	-0,068	0,310
CHR5	8669649	CHR5:8669649	SSF x Near_LoA	-8,85775567	-0,025	0,303
CHR5	8669856	CHR5:8669856	SSF x Near_LoA	-8,80125808	0,032	0,317
CHR5	8671890	CHR5:8671890	SSF x Near_LoA	-5,95163582	0,044	0,304
CHR5	867237	CHR5:867237	SSF x Near_LoA	-8,5578531	-0,086	0,317
CHR5	8672990	CHR5:8672990	SSF x Near_LoA	-9,36198008	0,015	0,304
CHR5	8679950	CHR5:8679950	SSF x Near_LoA	-10,0485596	0,028	0,297
CHR5	8694608	CHR5:8694608	SSF x Near_LoA	-9,52962275	0,032	0,311
CHR5	8694641	CHR5:8694641	SSF x Near_LoA	-8,51876416	-0,012	0,311
CHR5	8694677	CHR5:8694677	SSF x Near_LoA	-9,58269312	-0,075	0,316
CHR5	8698425	CHR5:8698425	SSF x Near_LoA	-6,26115303	-0,012	0,311
CHR5	8698441	CHR5:8698441	SSF x Near_LoA	-9,19766583	-0,009	0,310
CHR5	8699232	CHR5:8699232	SSF x Near_LoA	-10,7021762	0,000	0,303
CHR5	8723244	CHR5:8723244	SSF x Near_LoA	-10,7265389	-0,028	0,302
CHR5	8733452	CHR5:8733452	SSF x Near_LoA	-7,3846636	0,088	0,307
CHR5	8745516	CHR5:8745516	SSF x Near_LoA	-9,25807002	-0,010	0,322
CHR5	8749520	CHR5:8749520	SSF x Near_LoA	-9,96789218	-0,069	0,309
CHR5	8749565	CHR5:8749565	SSF x Near_LoA	-10,2709394	-0,060	0,306
CHR5	8749582	CHR5:8749582	SSF x Near_LoA	-8,1641664	-0,005	0,309
CHR5	8749599	CHR5:8749599	SSF x Near_LoA	-7,80946287	-0,142	0,306
CHR5	8749680	CHR5:8749680	SSF x Near_LoA	-7,54023144	-0,026	0,306
CHR5	8749708	CHR5:8749708	SSF x Near_LoA	-8,80405232	0,193	0,295
CHR5	8761842	CHR5:8761842	SSF x Near_LoA	-8,28741094	0,073	0,297
CHR5	8761844	CHR5:8761844	SSF x Near_LoA	-9,93066549	-0,084	0,304
CHR5	8761865	CHR5:8761865	SSF x Near_LoA	-10,8959787	0,022	0,314
CHR5	877115	CHR5:877115	SSF x Near_LoA	-9,28473865	-0,083	0,308
CHR5	877135	CHR5:877135	SSF x Near_LoA	-6,2416085	-0,035	0,313
CHR5	877259	CHR5:877259	SSF x Near_LoA	-10,3291299	0,019	0,308
CHR5	8774553	CHR5:8774553	SSF x Near_LoA	-7,09004913	0,059	0,325
CHR5	8774560	CHR5:8774560	SSF x Near_LoA	-9,63889055	0,021	0,306
CHR5	8776498	CHR5:8776498	SSF x Near_LoA	-10,9238525	-0,088	0,300
CHR5	8776539	CHR5:8776539	SSF x Near_LoA	-10,3790988	-0,046	0,311
CHR5	8776589	CHR5:8776589	SSF x Near_LoA	-8,85992586	0,059	0,312
CHR5	8776605	CHR5:8776605	SSF x Near_LoA	-7,06839113	-0,044	0,306
CHR5	8776627	CHR5:8776627	SSF x Near_LoA	-7,48277498	0,017	0,307
CHR5	8776687	CHR5:8776687	SSF x Near_LoA	-9,60170001	-0,036	0,300
CHR5	8776726	CHR5:8776726	SSF x Near_LoA	-9,40979947	-0,088	0,324
CHR5	8776741	CHR5:8776741	SSF x Near_LoA	-10,061687	-0,062	0,322
CHR5	8791021	CHR5:8791021	SSF x Near_LoA	-9,01402009	0,016	0,290
CHR5	8791027	CHR5:8791027	SSF x Near_LoA	-10,424777	0,016	0,312

CHR5	8796337	CHR5:8796337	SSF x Near_LoA	-8,17018982	-0,134	0,316
CHR5	8796429	CHR5:8796429	SSF x Near_LoA	-9,72796634	0,040	0,302
CHR5	8796462	CHR5:8796462	SSF x Near_LoA	-8,13508543	-0,004	0,320
CHR5	8796514	CHR5:8796514	SSF x Near_LoA	-10,1132835	-0,075	0,320
CHR5	8797344	CHR5:8797344	SSF x Near_LoA	-9,32757617	-0,052	0,303
CHR5	880624	CHR5:880624	SSF x Near_LoA	-8,37260437	0,064	0,287
CHR5	880670	CHR5:880670	SSF x Near_LoA	-7,66418689	0,054	0,303
CHR5	880691	CHR5:880691	SSF x Near_LoA	-8,7085381	0,087	0,295
CHR5	8809352	CHR5:8809352	SSF x Near_LoA	-9,62175561	-0,045	0,316
CHR5	8809382	CHR5:8809382	SSF x Near_LoA	-7,40669559	-0,097	0,310
CHR5	8809383	CHR5:8809383	SSF x Near_LoA	-6,609559	-0,093	0,308
CHR5	8809397	CHR5:8809397	SSF x Near_LoA	-10,7947072	0,048	0,298
CHR5	8809442	CHR5:8809442	SSF x Near_LoA	-7,35570542	0,059	0,305
CHR5	8809895	CHR5:8809895	SSF x Near_LoA	-10,2122184	-0,105	0,314
CHR5	8813161	CHR5:8813161	SSF x Near_LoA	-4,26205035	0,121	0,300
CHR5	8813186	CHR5:8813186	SSF x Near_LoA	-8,54673851	0,064	0,303
CHR5	8813194	CHR5:8813194	SSF x Near_LoA	-5,91825514	0,072	0,303
CHR5	882172	CHR5:882172	SSF x Near_LoA	-9,37685798	0,006	0,300
CHR5	8830290	CHR5:8830290	SSF x Near_LoA	-11,6986985	-0,046	0,304
CHR5	8830466	CHR5:8830466	SSF x Near_LoA	-9,80044128	0,059	0,311
CHR5	883574	CHR5:883574	SSF x Near_LoA	-9,98314688	0,057	0,304
CHR5	883606	CHR5:883606	SSF x Near_LoA	-9,46981951	-0,051	0,299
CHR5	883643	CHR5:883643	SSF x Near_LoA	-10,1302409	-0,008	0,296
CHR5	883660	CHR5:883660	SSF x Near_LoA	-8,38598303	-0,101	0,298
CHR5	8839461	CHR5:8839461	SSF x Near_LoA	-10,0240709	0,009	0,310
CHR5	8843663	CHR5:8843663	SSF x Near_LoA	-7,99708644	-0,032	0,310
CHR5	8843722	CHR5:8843722	SSF x Near_LoA	-9,00393229	0,140	0,311
CHR5	8849714	CHR5:8849714	SSF x Near_LoA	-9,95766385	-0,029	0,315
CHR5	8853219	CHR5:8853219	SSF x Near_LoA	-10,2375814	-0,082	0,303
CHR5	8853248	CHR5:8853248	SSF x Near_LoA	-8,65236711	-0,051	0,301
CHR5	8853271	CHR5:8853271	SSF x Near_LoA	-9,45509803	0,045	0,323
CHR5	8853293	CHR5:8853293	SSF x Near_LoA	-8,06175305	0,019	0,313
CHR5	8853307	CHR5:8853307	SSF x Near_LoA	-8,18318697	-0,001	0,323
CHR5	8853369	CHR5:8853369	SSF x Near_LoA	-6,07971969	0,014	0,324
CHR5	8853375	CHR5:8853375	SSF x Near_LoA	-7,8815234	-0,064	0,304
CHR5	8853385	CHR5:8853385	SSF x Near_LoA	-8,85774648	0,032	0,314
CHR5	8853477	CHR5:8853477	SSF x Near_LoA	-11,619311	-0,049	0,312
CHR5	8853482	CHR5:8853482	SSF x Near_LoA	-5,81313419	-0,002	0,310
CHR5	8859656	CHR5:8859656	SSF x Near_LoA	-10,0108684	-0,019	0,299
CHR5	8859748	CHR5:8859748	SSF x Near_LoA	-9,82013227	-0,004	0,304
CHR5	8859811	CHR5:8859811	SSF x Near_LoA	-7,96865325	-0,075	0,294
CHR5	8859825	CHR5:8859825	SSF x Near_LoA	-8,75592814	-0,062	0,302
CHR5	8859836	CHR5:8859836	SSF x Near_LoA	-9,75265984	-0,058	0,310
CHR5	8869845	CHR5:8869845	SSF x Near_LoA	-8,83268428	0,074	0,325
CHR5	8869905	CHR5:8869905	SSF x Near_LoA	-9,48418203	0,075	0,310
CHR5	8869925	CHR5:8869925	SSF x Near_LoA	-10,0508939	0,072	0,309
CHR5	8870203	CHR5:8870203	SSF x Near_LoA	-11,0100737	-0,096	0,310
CHR5	8870217	CHR5:8870217	SSF x Near_LoA	-9,82978966	0,063	0,305
CHR5	8878619	CHR5:8878619	SSF x Near_LoA	-6,04394158	0,172	0,292
CHR5	8878650	CHR5:8878650	SSF x Near_LoA	-8,77223572	0,082	0,306
CHR5	8878695	CHR5:8878695	SSF x Near_LoA	-8,80038574	0,119	0,301
CHR5	8878701	CHR5:8878701	SSF x Near_LoA	-8,84167684	0,109	0,295
CHR5	8878708	CHR5:8878708	SSF x Near_LoA	-8,13744757	-0,043	0,310

CHR5	8878731	CHR5:8878731	SSF x Near_LoA	-8,01677915	0,140	0,298
CHR5	8880487	CHR5:8880487	SSF x Near_LoA	-11,3709444	-0,020	0,311
CHR5	8883589	CHR5:8883589	SSF x Near_LoA	-5,16852659	-0,165	0,301
CHR5	8887823	CHR5:8887823	SSF x Near_LoA	-8,97909601	-0,039	0,295
CHR5	8887839	CHR5:8887839	SSF x Near_LoA	-9,0225184	0,034	0,306
CHR5	8887961	CHR5:8887961	SSF x Near_LoA	-10,62295	-0,084	0,308
CHR5	8901330	CHR5:8901330	SSF x Near_LoA	-8,93191837	-0,078	0,304
CHR5	8901361	CHR5:8901361	SSF x Near_LoA	-7,14713521	-0,032	0,310
CHR5	8901415	CHR5:8901415	SSF x Near_LoA	-6,06736737	-0,179	0,294
CHR5	8910457	CHR5:8910457	SSF x Near_LoA	-11,8088201	0,030	0,312
CHR5	8919343	CHR5:8919343	SSF x Near_LoA	-9,70777362	-0,062	0,301
CHR5	8919394	CHR5:8919394	SSF x Near_LoA	-10,7701886	-0,015	0,313
CHR5	8919415	CHR5:8919415	SSF x Near_LoA	-9,77151742	0,091	0,308
CHR5	8919422	CHR5:8919422	SSF x Near_LoA	-7,36914852	0,086	0,314
CHR5	8919490	CHR5:8919490	SSF x Near_LoA	-10,4789841	0,030	0,312
CHR5	8919513	CHR5:8919513	SSF x Near_LoA	-8,6433795	-0,012	0,327
CHR5	8921334	CHR5:8921334	SSF x Near_LoA	-10,9913005	-0,053	0,301
CHR5	8921393	CHR5:8921393	SSF x Near_LoA	-8,80940742	-0,173	0,315
CHR5	8921522	CHR5:8921522	SSF x Near_LoA	-8,76686514	-0,048	0,309
CHR5	8923779	CHR5:8923779	SSF x Near_LoA	-10,1682944	0,131	0,289
CHR5	8926223	CHR5:8926223	SSF x Near_LoA	-8,92706314	0,003	0,322
CHR5	8930146	CHR5:8930146	SSF x Near_LoA	-5,14696271	-0,012	0,319
CHR5	8930151	CHR5:8930151	SSF x Near_LoA	-10,5428011	0,033	0,313
CHR5	8930162	CHR5:8930162	SSF x Near_LoA	-11,7654021	0,005	0,302
CHR5	8930310	CHR5:8930310	SSF x Near_LoA	-8,92643625	-0,055	0,306
CHR5	8930328	CHR5:8930328	SSF x Near_LoA	-10,2537811	-0,033	0,308
CHR5	893347	CHR5:893347	SSF x Near_LoA	-8,90670555	0,016	0,304
CHR5	8940862	CHR5:8940862	SSF x Near_LoA	-8,34832693	0,041	0,312
CHR5	8940887	CHR5:8940887	SSF x Near_LoA	-11,4424617	0,034	0,299
CHR5	8940912	CHR5:8940912	SSF x Near_LoA	-10,7912265	-0,054	0,298
CHR5	8940918	CHR5:8940918	SSF x Near_LoA	-10,7557117	-0,078	0,305
CHR5	8940938	CHR5:8940938	SSF x Near_LoA	-9,26350439	-0,085	0,307
CHR5	8943944	CHR5:8943944	SSF x Near_LoA	-9,26153392	0,069	0,304
CHR5	8943957	CHR5:8943957	SSF x Near_LoA	-9,85718434	0,076	0,299
CHR5	8943992	CHR5:8943992	SSF x Near_LoA	-8,6990171	-0,046	0,299
CHR5	8944693	CHR5:8944693	SSF x Near_LoA	-9,24609446	0,069	0,315
CHR5	8944713	CHR5:8944713	SSF x Near_LoA	-7,31525487	-0,019	0,311
CHR5	8944725	CHR5:8944725	SSF x Near_LoA	-9,60991678	-0,045	0,314
CHR5	8944728	CHR5:8944728	SSF x Near_LoA	-8,29478308	0,212	0,295
CHR5	8944741	CHR5:8944741	SSF x Near_LoA	-8,84420116	-0,156	0,307
CHR5	8975983	CHR5:8975983	SSF x Near_LoA	-10,626562	-0,018	0,294
CHR5	8976036	CHR5:8976036	SSF x Near_LoA	-10,3652673	0,046	0,306
CHR5	8976097	CHR5:8976097	SSF x Near_LoA	-8,19410076	-0,175	0,296
CHR5	8981653	CHR5:8981653	SSF x Near_LoA	-10,0407782	0,074	0,308
CHR5	8981660	CHR5:8981660	SSF x Near_LoA	-8,41544104	0,006	0,308
CHR5	8981665	CHR5:8981665	SSF x Near_LoA	-7,88925835	0,060	0,324
CHR5	8981668	CHR5:8981668	SSF x Near_LoA	-9,38791656	0,129	0,305
CHR5	898788	CHR5:898788	SSF x Near_LoA	-7,8810437	-0,096	0,316
CHR5	9000622	CHR5:9000622	SSF x Near_LoA	-7,78966668	0,095	0,307
CHR5	9007145	CHR5:9007145	SSF x Near_LoA	-2,06029409	-0,026	0,312
CHR5	9007160	CHR5:9007160	SSF x Near_LoA	-10,9042014	0,064	0,313
CHR5	9015395	CHR5:9015395	SSF x Near_LoA	-9,98832844	-0,022	0,306
CHR5	9015463	CHR5:9015463	SSF x Near_LoA	-10,6776901	0,021	0,302

CHR5	9015553	CHR5:9015553	SSF x Near_LoA	-8,52074666	-0,011	0,312
CHR5	9020742	CHR5:9020742	SSF x Near_LoA	-9,7925826	-0,036	0,312
CHR5	9020794	CHR5:9020794	SSF x Near_LoA	-9,48853616	0,004	0,317
CHR5	9020805	CHR5:9020805	SSF x Near_LoA	-8,91321065	0,010	0,302
CHR5	9020834	CHR5:9020834	SSF x Near_LoA	-9,1227114	-0,015	0,287
CHR5	9020899	CHR5:9020899	SSF x Near_LoA	-10,2854936	-0,001	0,307
CHR5	902218	CHR5:902218	SSF x Near_LoA	8,09521443	-0,085	0,308
CHR5	9022520	CHR5:9022520	SSF x Near_LoA	-9,02155319	0,026	0,317
CHR5	9022541	CHR5:9022541	SSF x Near_LoA	-9,42742489	0,016	0,323
CHR5	9022608	CHR5:9022608	SSF x Near_LoA	-4,76901523	-0,211	0,299
CHR5	902280	CHR5:902280	SSF x Near_LoA	-11,2589916	0,030	0,300
CHR5	9024829	CHR5:9024829	SSF x Near_LoA	-11,1021408	0,047	0,308
CHR5	9024835	CHR5:9024835	SSF x Near_LoA	-10,881193	-0,085	0,317
CHR5	9027084	CHR5:9027084	SSF x Near_LoA	-10,6067138	0,030	0,304
CHR5	9030242	CHR5:9030242	SSF x Near_LoA	-7,86151333	0,022	0,295
CHR5	9030248	CHR5:9030248	SSF x Near_LoA	-10,5749331	-0,009	0,343
CHR5	9030317	CHR5:9030317	SSF x Near_LoA	-7,96767556	0,059	0,304
CHR5	9030342	CHR5:9030342	SSF x Near_LoA	-8,12121892	0,019	0,316
CHR5	9046746	CHR5:9046746	SSF x Near_LoA	-9,99019406	-0,119	0,308
CHR5	9047052	CHR5:9047052	SSF x Near_LoA	-3,54267321	-0,048	0,304
CHR5	9047063	CHR5:9047063	SSF x Near_LoA	-9,49126026	0,071	0,301
CHR5	9047065	CHR5:9047065	SSF x Near_LoA	-8,6079241	0,066	0,292
CHR5	9047104	CHR5:9047104	SSF x Near_LoA	-10,6858086	-0,074	0,298
CHR5	9047116	CHR5:9047116	SSF x Near_LoA	-9,93417733	-0,062	0,314
CHR5	9047120	CHR5:9047120	SSF x Near_LoA	-8,91351495	-0,047	0,319
CHR5	905320	CHR5:905320	SSF x Near_LoA	-6,90747785	0,019	0,313
CHR5	9058038	CHR5:9058038	SSF x Near_LoA	-10,4017106	0,132	0,303
CHR5	9058080	CHR5:9058080	SSF x Near_LoA	-10,9086644	0,053	0,307
CHR5	9058121	CHR5:9058121	SSF x Near_LoA	-9,51682062	0,034	0,300
CHR5	9058167	CHR5:9058167	SSF x Near_LoA	-6,76564746	0,161	0,303
CHR5	9058200	CHR5:9058200	SSF x Near_LoA	-10,5930729	0,029	0,318
CHR5	9061480	CHR5:9061480	SSF x Near_LoA	-8,54205502	-0,042	0,311
CHR5	9073118	CHR5:9073118	SSF x Near_LoA	-9,7757705	-0,025	0,302
CHR5	9073134	CHR5:9073134	SSF x Near_LoA	-7,6896041	-0,033	0,307
CHR5	9073136	CHR5:9073136	SSF x Near_LoA	16,8639143	-0,026	0,305
CHR5	9073282	CHR5:9073282	SSF x Near_LoA	-9,50989831	-0,014	0,302
CHR5	9073300	CHR5:9073300	SSF x Near_LoA	-7,77162946	-0,080	0,315
CHR5	9073351	CHR5:9073351	SSF x Near_LoA	-6,95338325	-0,161	0,291
CHR5	9073370	CHR5:9073370	SSF x Near_LoA	-9,85474102	-0,091	0,309
CHR5	9083247	CHR5:9083247	SSF x Near_LoA	-8,53399098	-0,127	0,313
CHR5	9083254	CHR5:9083254	SSF x Near_LoA	-7,69402205	-0,102	0,319
CHR5	9083270	CHR5:9083270	SSF x Near_LoA	-7,813904	-0,084	0,303
CHR5	9083274	CHR5:9083274	SSF x Near_LoA	-4,13735769	-0,100	0,306
CHR5	9083307	CHR5:9083307	SSF x Near_LoA	-9,99583939	-0,035	0,312
CHR5	9083315	CHR5:9083315	SSF x Near_LoA	-9,26663583	0,003	0,311
CHR5	9083325	CHR5:9083325	SSF x Near_LoA	-9,26780825	0,014	0,312
CHR5	9083416	CHR5:9083416	SSF x Near_LoA	-6,71934381	0,003	0,315
CHR5	9083458	CHR5:9083458	SSF x Near_LoA	-10,8000778	0,027	0,312
CHR5	9083460	CHR5:9083460	SSF x Near_LoA	-5,83797661	0,053	0,309
CHR5	9085152	CHR5:9085152	SSF x Near_LoA	-9,461315	0,163	0,293
CHR5	9085154	CHR5:9085154	SSF x Near_LoA	-10,2696655	-0,004	0,308
CHR5	9085155	CHR5:9085155	SSF x Near_LoA	-9,89281627	-0,027	0,310
CHR5	9085280	CHR5:9085280	SSF x Near_LoA	-10,4452303	0,000	0,315

CHR5	9085300	CHR5:9085300	SSF x Near_LoA	-10,7853353	0,059	0,303
CHR5	9111362	CHR5:9111362	SSF x Near_LoA	-9,36668518	-0,038	0,281
CHR5	9111404	CHR5:9111404	SSF x Near_LoA	-11,4014673	0,032	0,307
CHR5	9111427	CHR5:9111427	SSF x Near_LoA	-10,8705084	0,037	0,295
CHR5	9117828	CHR5:9117828	SSF x Near_LoA	-3,94563291	0,011	0,302
CHR5	9117868	CHR5:9117868	SSF x Near_LoA	-10,7885532	-0,057	0,291
CHR5	9119632	CHR5:9119632	SSF x Near_LoA	-5,99426807	-0,137	0,297
CHR5	9131627	CHR5:9131627	SSF x Near_LoA	-10,1686862	0,016	0,310
CHR5	9131674	CHR5:9131674	SSF x Near_LoA	-9,19896421	-0,039	0,314
CHR5	9134165	CHR5:9134165	SSF x Near_LoA	-9,87663342	-0,083	0,296
CHR5	9134204	CHR5:9134204	SSF x Near_LoA	-7,2424042	0,044	0,312
CHR5	9137779	CHR5:9137779	SSF x Near_LoA	-9,60957999	0,028	0,302
CHR5	9137781	CHR5:9137781	SSF x Near_LoA	-8,32828976	0,059	0,308
CHR5	9137816	CHR5:9137816	SSF x Near_LoA	-9,02486058	-0,051	0,309
CHR5	9137825	CHR5:9137825	SSF x Near_LoA	-9,26372812	-0,032	0,317
CHR5	9142558	CHR5:9142558	SSF x Near_LoA	-8,06144949	-0,070	0,306
CHR5	9142575	CHR5:9142575	SSF x Near_LoA	-6,65199167	-0,060	0,324
CHR5	9142600	CHR5:9142600	SSF x Near_LoA	-11,1129042	-0,008	0,310
CHR5	9142613	CHR5:9142613	SSF x Near_LoA	-10,1116409	-0,014	0,317
CHR5	9142616	CHR5:9142616	SSF x Near_LoA	-8,35271996	-0,017	0,318
CHR5	9142640	CHR5:9142640	SSF x Near_LoA	-8,61834354	0,097	0,309
CHR5	9145504	CHR5:9145504	SSF x Near_LoA	-9,97158569	-0,002	0,301
CHR5	9145522	CHR5:9145522	SSF x Near_LoA	-9,44784096	-0,044	0,305
CHR5	9147265	CHR5:9147265	SSF x Near_LoA	-8,67721808	-0,056	0,307
CHR5	9147280	CHR5:9147280	SSF x Near_LoA	-9,22051991	-0,084	0,282
CHR5	9147310	CHR5:9147310	SSF x Near_LoA	-8,44091007	0,068	0,308
CHR5	9147314	CHR5:9147314	SSF x Near_LoA	-8,31776591	-0,052	0,318
CHR5	9147341	CHR5:9147341	SSF x Near_LoA	-7,14145658	-0,119	0,320
CHR5	9147346	CHR5:9147346	SSF x Near_LoA	-9,02421579	0,022	0,316
CHR5	9147372	CHR5:9147372	SSF x Near_LoA	-10,4793976	0,091	0,295
CHR5	9148210	CHR5:9148210	SSF x Near_LoA	-7,86126619	-0,001	0,319
CHR5	9150561	CHR5:9150561	SSF x Near_LoA	-8,83125239	0,042	0,306
CHR5	9150587	CHR5:9150587	SSF x Near_LoA	-8,1554574	0,059	0,294
CHR5	9150608	CHR5:9150608	SSF x Near_LoA	-10,8586235	-0,024	0,304
CHR5	9150792	CHR5:9150792	SSF x Near_LoA	-8,67406571	-0,057	0,309
CHR5	9150868	CHR5:9150868	SSF x Near_LoA	-8,8916433	-0,014	0,317
CHR5	9150872	CHR5:9150872	SSF x Near_LoA	-11,0708872	0,062	0,315
CHR5	9155526	CHR5:9155526	SSF x Near_LoA	-9,36856547	-0,081	0,305
CHR5	9167900	CHR5:9167900	SSF x Near_LoA	-8,98916591	-0,022	0,312
CHR5	9167966	CHR5:9167966	SSF x Near_LoA	-9,18221754	-0,008	0,319
CHR5	9167972	CHR5:9167972	SSF x Near_LoA	-11,2113203	0,021	0,302
CHR5	9168000	CHR5:9168000	SSF x Near_LoA	-9,68256779	0,007	0,319
CHR5	9168028	CHR5:9168028	SSF x Near_LoA	-10,373341	0,021	0,312
CHR5	9172935	CHR5:9172935	SSF x Near_LoA	-10,45143	0,086	0,302
CHR5	9172968	CHR5:9172968	SSF x Near_LoA	-8,43363036	0,097	0,315
CHR5	9180986	CHR5:9180986	SSF x Near_LoA	-10,1478184	0,021	0,306
CHR5	9180998	CHR5:9180998	SSF x Near_LoA	-6,33276041	0,131	0,298
CHR5	9181037	CHR5:9181037	SSF x Near_LoA	-11,5713485	-0,020	0,309
CHR5	9181089	CHR5:9181089	SSF x Near_LoA	-7,81979629	-0,094	0,295
CHR5	9183386	CHR5:9183386	SSF x Near_LoA	-8,55208455	-0,015	0,309
CHR5	9183438	CHR5:9183438	SSF x Near_LoA	-6,95136814	-0,068	0,307
CHR5	9183453	CHR5:9183453	SSF x Near_LoA	-10,3724401	-0,060	0,307
CHR5	9188770	CHR5:9188770	SSF x Near_LoA	-9,72183576	-0,044	0,315

CHR5	9188875	CHR5:9188875	SSF x Near_LoA	-7,46016255	0,185	0,294
CHR5	9189003	CHR5:9189003	SSF x Near_LoA	-9,63594789	0,155	0,299
CHR5	9191970	CHR5:9191970	SSF x Near_LoA	-8,56134986	-0,036	0,312
CHR5	9191979	CHR5:9191979	SSF x Near_LoA	-6,65188803	0,118	0,305
CHR5	9192050	CHR5:9192050	SSF x Near_LoA	-10,2166742	0,078	0,303
CHR5	9192053	CHR5:9192053	SSF x Near_LoA	-4,79904351	0,099	0,305
CHR5	9192061	CHR5:9192061	SSF x Near_LoA	-7,13980747	0,181	0,289
CHR5	9194004	CHR5:9194004	SSF x Near_LoA	-10,2082424	-0,141	0,300
CHR5	9194020	CHR5:9194020	SSF x Near_LoA	-11,7847427	-0,059	0,301
CHR5	9194071	CHR5:9194071	SSF x Near_LoA	-10,6008165	0,010	0,309
CHR5	9194243	CHR5:9194243	SSF x Near_LoA	-7,4953281	0,123	0,302
CHR5	919500	CHR5:919500	SSF x Near_LoA	-9,32054945	-0,013	0,296
CHR5	919519	CHR5:919519	SSF x Near_LoA	-9,00103538	-0,027	0,307
CHR5	919571	CHR5:919571	SSF x Near_LoA	-10,9211648	-0,089	0,294
CHR5	9196893	CHR5:9196893	SSF x Near_LoA	-10,8332603	0,035	0,309
CHR5	9196920	CHR5:9196920	SSF x Near_LoA	-8,90864327	0,047	0,307
CHR5	9196942	CHR5:9196942	SSF x Near_LoA	-6,27215568	-0,056	0,313
CHR5	9208038	CHR5:9208038	SSF x Near_LoA	-10,561599	-0,018	0,305
CHR5	9218976	CHR5:9218976	SSF x Near_LoA	-10,8281162	0,098	0,305
CHR5	9219092	CHR5:9219092	SSF x Near_LoA	-11,8767643	-0,041	0,300
CHR5	9219101	CHR5:9219101	SSF x Near_LoA	-9,51820795	-0,006	0,306
CHR5	9227540	CHR5:9227540	SSF x Near_LoA	-7,9789107	0,184	0,295
CHR5	9227638	CHR5:9227638	SSF x Near_LoA	-8,75753594	0,092	0,300
CHR5	9228614	CHR5:9228614	SSF x Near_LoA	-7,26226367	-0,139	0,307
CHR5	9228630	CHR5:9228630	SSF x Near_LoA	-8,59896655	-0,073	0,298
CHR5	9234921	CHR5:9234921	SSF x Near_LoA	-10,6171819	0,043	0,322
CHR5	9235132	CHR5:9235132	SSF x Near_LoA	-10,6955368	0,120	0,301
CHR5	9235154	CHR5:9235154	SSF x Near_LoA	-9,82234864	0,088	0,296
CHR5	9236447	CHR5:9236447	SSF x Near_LoA	-8,37671233	0,031	0,314
CHR5	9236499	CHR5:9236499	SSF x Near_LoA	-9,61093824	-0,054	0,306
CHR5	9236501	CHR5:9236501	SSF x Near_LoA	-9,36128599	-0,066	0,309
CHR5	9236608	CHR5:9236608	SSF x Near_LoA	-11,4773554	0,051	0,315
CHR5	9236631	CHR5:9236631	SSF x Near_LoA	-10,1729757	0,107	0,312
CHR5	9236671	CHR5:9236671	SSF x Near_LoA	-7,51749018	-0,137	0,322
CHR5	9236678	CHR5:9236678	SSF x Near_LoA	-9,13474666	-0,130	0,305
CHR5	9236680	CHR5:9236680	SSF x Near_LoA	-8,68630801	-0,151	0,314
CHR5	9236692	CHR5:9236692	SSF x Near_LoA	-6,96474888	-0,172	0,313
CHR5	9245758	CHR5:9245758	SSF x Near_LoA	-2,8105782	-0,074	0,322
CHR5	9245760	CHR5:9245760	SSF x Near_LoA	-9,09470268	-0,091	0,309
CHR5	9245800	CHR5:9245800	SSF x Near_LoA	-6,6553965	-0,115	0,311
CHR5	9245895	CHR5:9245895	SSF x Near_LoA	-8,53859276	-0,072	0,304
CHR5	9252730	CHR5:9252730	SSF x Near_LoA	-8,59306561	-0,090	0,298
CHR5	9252732	CHR5:9252732	SSF x Near_LoA	-10,8814445	-0,031	0,311
CHR5	9252798	CHR5:9252798	SSF x Near_LoA	-9,81766814	-0,008	0,307
CHR5	9270499	CHR5:9270499	SSF x Near_LoA	-9,08999967	-0,055	0,304
CHR5	9270980	CHR5:9270980	SSF x Near_LoA	-8,76855954	-0,085	0,311
CHR5	9272572	CHR5:9272572	SSF x Near_LoA	-7,82588746	-0,217	0,280
CHR5	9274398	CHR5:9274398	SSF x Near_LoA	-8,7863626	0,011	0,308
CHR5	9274414	CHR5:9274414	SSF x Near_LoA	-5,31338196	-0,021	0,304
CHR5	9274456	CHR5:9274456	SSF x Near_LoA	-9,48772284	0,050	0,325
CHR5	9274484	CHR5:9274484	SSF x Near_LoA	-10,7751259	0,021	0,301
CHR5	9274525	CHR5:9274525	SSF x Near_LoA	-10,8505085	0,020	0,296
CHR5	9274808	CHR5:9274808	SSF x Near_LoA	-10,5062008	-0,059	0,293

CHR5	9274829	CHR5:9274829	SSF x Near_LoA	-11,6322663	-0,108	0,301
CHR5	9274852	CHR5:9274852	SSF x Near_LoA	-7,65839981	-0,163	0,300
CHR5	9274908	CHR5:9274908	SSF x Near_LoA	-9,25112837	0,128	0,305
CHR5	9274909	CHR5:9274909	SSF x Near_LoA	-7,86141925	0,060	0,307
CHR5	9290334	CHR5:9290334	SSF x Near_LoA	-8,47286087	0,041	0,319
CHR5	9290376	CHR5:9290376	SSF x Near_LoA	-8,97657342	-0,002	0,300
CHR5	9290445	CHR5:9290445	SSF x Near_LoA	-8,46794344	0,054	0,310
CHR5	9290730	CHR5:9290730	SSF x Near_LoA	-5,06333221	0,045	0,303
CHR5	9293254	CHR5:9293254	SSF x Near_LoA	-8,35564603	-0,073	0,313
CHR5	9293281	CHR5:9293281	SSF x Near_LoA	-10,462442	0,099	0,316
CHR5	9304366	CHR5:9304366	SSF x Near_LoA	-6,51390354	0,001	0,327
CHR5	9306506	CHR5:9306506	SSF x Near_LoA	-11,3002753	-0,064	0,292
CHR5	9306744	CHR5:9306744	SSF x Near_LoA	-8,449226	0,004	0,311
CHR5	9306745	CHR5:9306745	SSF x Near_LoA	-8,26475886	-0,071	0,315
CHR5	9306748	CHR5:9306748	SSF x Near_LoA	-7,71503957	-0,029	0,319
CHR5	9308969	CHR5:9308969	SSF x Near_LoA	-12,1133383	0,072	0,288
CHR5	9310160	CHR5:9310160	SSF x Near_LoA	-4,93236735	-0,180	0,306
CHR5	9310339	CHR5:9310339	SSF x Near_LoA	-9,07032841	-0,029	0,318
CHR5	9311673	CHR5:9311673	SSF x Near_LoA	-9,56472348	0,099	0,298
CHR5	9311767	CHR5:9311767	SSF x Near_LoA	-10,4068675	-0,045	0,309
CHR5	9312653	CHR5:9312653	SSF x Near_LoA	-8,02781763	-0,129	0,296
CHR5	9312743	CHR5:9312743	SSF x Near_LoA	-8,7757993	0,025	0,309
CHR5	9319373	CHR5:9319373	SSF x Near_LoA	-9,44657389	0,061	0,308
CHR5	9325569	CHR5:9325569	SSF x Near_LoA	-9,65063598	-0,036	0,312
CHR5	9325595	CHR5:9325595	SSF x Near_LoA	-6,77247132	0,106	0,317
CHR5	9325605	CHR5:9325605	SSF x Near_LoA	-8,35974678	0,098	0,293
CHR5	9330801	CHR5:9330801	SSF x Near_LoA	-9,11124111	-0,013	0,305
CHR5	9335163	CHR5:9335163	SSF x Near_LoA	-11,0655969	-0,041	0,305
CHR5	9335168	CHR5:9335168	SSF x Near_LoA	-10,021591	-0,175	0,323
CHR5	9335306	CHR5:9335306	SSF x Near_LoA	-11,5306143	0,110	0,295
CHR5	9335326	CHR5:9335326	SSF x Near_LoA	-9,21233052	-0,079	0,303
CHR5	9335355	CHR5:9335355	SSF x Near_LoA	-9,64726344	0,082	0,308
CHR5	9345758	CHR5:9345758	SSF x Near_LoA	-7,39926829	-0,073	0,319
CHR5	9345863	CHR5:9345863	SSF x Near_LoA	-10,5846674	-0,036	0,295
CHR5	9345873	CHR5:9345873	SSF x Near_LoA	-9,01560677	-0,054	0,310
CHR5	9345918	CHR5:9345918	SSF x Near_LoA	-10,1683981	-0,005	0,306
CHR5	9350089	CHR5:9350089	SSF x Near_LoA	-8,17780191	-0,013	0,319
CHR5	9350169	CHR5:9350169	SSF x Near_LoA	-10,1676321	0,011	0,295
CHR5	935625	CHR5:935625	SSF x Near_LoA	-11,6066269	-0,081	0,304
CHR5	935681	CHR5:935681	SSF x Near_LoA	-10,4556787	0,027	0,308
CHR5	935707	CHR5:935707	SSF x Near_LoA	-7,28278247	0,174	0,297
CHR5	9371953	CHR5:9371953	SSF x Near_LoA	-6,95904782	-0,006	0,327
CHR5	9371963	CHR5:9371963	SSF x Near_LoA	-7,34255258	0,088	0,293
CHR5	9372050	CHR5:9372050	SSF x Near_LoA	-11,2146709	-0,078	0,312
CHR5	9372075	CHR5:9372075	SSF x Near_LoA	-9,88346882	-0,127	0,304
CHR5	9372982	CHR5:9372982	SSF x Near_LoA	-6,17824272	-0,155	0,299
CHR5	9373006	CHR5:9373006	SSF x Near_LoA	-8,02099619	-0,118	0,315
CHR5	9373040	CHR5:9373040	SSF x Near_LoA	-8,43434965	-0,095	0,316
CHR5	9373041	CHR5:9373041	SSF x Near_LoA	-7,26985658	-0,075	0,302
CHR5	9377912	CHR5:9377912	SSF x Near_LoA	-7,0893003	0,086	0,319
CHR5	9377952	CHR5:9377952	SSF x Near_LoA	-10,3973382	0,008	0,325
CHR5	9383255	CHR5:9383255	SSF x Near_LoA	-9,6167211	0,002	0,307
CHR5	9383283	CHR5:9383283	SSF x Near_LoA	-7,67889084	0,018	0,302

CHR5	9399454	CHR5:9399454	SSF x Near_LoA	-10,760456	0,046	0,311
CHR5	9410329	CHR5:9410329	SSF x Near_LoA	-11,507684	-0,010	0,317
CHR5	9416153	CHR5:9416153	SSF x Near_LoA	-9,10937537	0,048	0,317
CHR5	9441523	CHR5:9441523	SSF x Near_LoA	-9,28372856	-0,002	0,297
CHR5	9443892	CHR5:9443892	SSF x Near_LoA	-10,2391879	-0,088	0,300
CHR5	9456640	CHR5:9456640	SSF x Near_LoA	-9,4323884	0,032	0,303
CHR5	9475755	CHR5:9475755	SSF x Near_LoA	-9,76041744	-0,005	0,305
CHR5	9484571	CHR5:9484571	SSF x Near_LoA	-9,34894473	0,078	0,310
CHR5	9489765	CHR5:9489765	SSF x Near_LoA	-12,2636354	0,018	0,301
CHR5	9490716	CHR5:9490716	SSF x Near_LoA	-9,45584272	-0,007	0,308
CHR5	9493072	CHR5:9493072	SSF x Near_LoA	-11,6911064	-0,016	0,301
CHR5	9494905	CHR5:9494905	SSF x Near_LoA	-9,07512753	-0,020	0,315
CHR5	9494906	CHR5:9494906	SSF x Near_LoA	-9,24656915	-0,009	0,308
CHR5	9494979	CHR5:9494979	SSF x Near_LoA	-11,5142548	0,080	0,307
CHR5	9508708	CHR5:9508708	SSF x Near_LoA	-1,80979965	-0,115	0,306
CHR5	9508749	CHR5:9508749	SSF x Near_LoA	-10,7018065	0,085	0,314
CHR5	9508783	CHR5:9508783	SSF x Near_LoA	-0,66061934	-0,118	0,299
CHR5	9508796	CHR5:9508796	SSF x Near_LoA	-6,99875521	-0,075	0,304
CHR5	9508856	CHR5:9508856	SSF x Near_LoA	-9,13778661	-0,018	0,293
CHR5	9508864	CHR5:9508864	SSF x Near_LoA	-10,0552162	0,086	0,317
CHR5	9512505	CHR5:9512505	SSF x Near_LoA	-8,42325657	-0,025	0,304
CHR5	9512595	CHR5:9512595	SSF x Near_LoA	-9,42366797	-0,085	0,308
CHR5	9516609	CHR5:9516609	SSF x Near_LoA	-8,38503683	-0,054	0,306
CHR5	9516639	CHR5:9516639	SSF x Near_LoA	-7,10577243	-0,141	0,300
CHR5	9516712	CHR5:9516712	SSF x Near_LoA	-9,57516625	-0,073	0,294
CHR5	9521992	CHR5:9521992	SSF x Near_LoA	-9,0242091	-0,076	0,314
CHR5	9532646	CHR5:9532646	SSF x Near_LoA	7,3650951	0,001	0,312
CHR5	9532900	CHR5:9532900	SSF x Near_LoA	-8,30341638	0,012	0,322
CHR5	9536807	CHR5:9536807	SSF x Near_LoA	-4,24747669	0,103	0,299
CHR5	9537008	CHR5:9537008	SSF x Near_LoA	-8,82276701	0,114	0,291
CHR5	9546029	CHR5:9546029	SSF x Near_LoA	-7,87790856	0,087	0,301
CHR5	9546049	CHR5:9546049	SSF x Near_LoA	-7,70470309	0,097	0,303
CHR5	9560151	CHR5:9560151	SSF x Near_LoA	-10,6864538	0,037	0,313
CHR5	9560271	CHR5:9560271	SSF x Near_LoA	-8,57914578	0,061	0,290
CHR5	956805	CHR5:956805	SSF x Near_LoA	-10,5094629	0,012	0,308
CHR5	956895	CHR5:956895	SSF x Near_LoA	-9,97668912	-0,009	0,311
CHR5	956981	CHR5:956981	SSF x Near_LoA	-9,91115798	-0,087	0,299
CHR5	956982	CHR5:956982	SSF x Near_LoA	-8,06128553	-0,111	0,303
CHR5	9569982	CHR5:9569982	SSF x Near_LoA	-9,46067417	0,021	0,310
CHR5	9570035	CHR5:9570035	SSF x Near_LoA	-11,7464355	0,073	0,307
CHR5	9570079	CHR5:9570079	SSF x Near_LoA	-6,31402096	0,082	0,313
CHR5	9570092	CHR5:9570092	SSF x Near_LoA	-8,99885107	-0,076	0,315
CHR5	9570100	CHR5:9570100	SSF x Near_LoA	-7,14867228	-0,126	0,310
CHR5	9570186	CHR5:9570186	SSF x Near_LoA	-10,9996269	0,042	0,302
CHR5	9570214	CHR5:9570214	SSF x Near_LoA	-9,61564129	-0,094	0,318
CHR5	9570223	CHR5:9570223	SSF x Near_LoA	-9,87734523	-0,071	0,291
CHR5	9570226	CHR5:9570226	SSF x Near_LoA	-6,55412296	0,102	0,314
CHR5	957035	CHR5:957035	SSF x Near_LoA	-4,55347616	-0,101	0,316
CHR5	957101	CHR5:957101	SSF x Near_LoA	-9,16720926	-0,082	0,314
CHR5	9575643	CHR5:9575643	SSF x Near_LoA	-6,42838965	-0,001	0,309
CHR5	9583203	CHR5:9583203	SSF x Near_LoA	-7,99676135	0,080	0,321
CHR5	9583314	CHR5:9583314	SSF x Near_LoA	-8,09876803	0,071	0,324
CHR5	9583365	CHR5:9583365	SSF x Near_LoA	-6,80536329	0,054	0,309

CHR5	9598259	CHR5:9598259	SSF x Near_LoA	-7,26234336	0,085	0,302
CHR5	9598395	CHR5:9598395	SSF x Near_LoA	-7,73840344	0,077	0,293
CHR5	9598413	CHR5:9598413	SSF x Near_LoA	-7,30566257	0,021	0,310
CHR5	9598420	CHR5:9598420	SSF x Near_LoA	-9,73389374	0,039	0,311
CHR5	9600775	CHR5:9600775	SSF x Near_LoA	-11,5612434	0,002	0,291
CHR5	9600855	CHR5:9600855	SSF x Near_LoA	-9,014381	0,003	0,302
CHR5	9606712	CHR5:9606712	SSF x Near_LoA	-7,22666825	-0,108	0,313
CHR5	9613775	CHR5:9613775	SSF x Near_LoA	-8,58406863	-0,099	0,303
CHR5	9613806	CHR5:9613806	SSF x Near_LoA	-9,05672804	0,046	0,299
CHR5	9613809	CHR5:9613809	SSF x Near_LoA	-8,97333554	-0,012	0,305
CHR5	9613907	CHR5:9613907	SSF x Near_LoA	-10,7495245	0,076	0,310
CHR5	9613929	CHR5:9613929	SSF x Near_LoA	-11,6697435	-0,069	0,304
CHR5	9623565	CHR5:9623565	SSF x Near_LoA	-10,9815784	-0,004	0,318
CHR5	9623762	CHR5:9623762	SSF x Near_LoA	-11,0311927	-0,004	0,289
CHR5	9623778	CHR5:9623778	SSF x Near_LoA	-11,7940238	-0,008	0,296
CHR5	9626698	CHR5:9626698	SSF x Near_LoA	-8,86546145	0,108	0,292
CHR5	9626723	CHR5:9626723	SSF x Near_LoA	-5,66889941	0,030	0,310
CHR5	9637689	CHR5:9637689	SSF x Near_LoA	-10,0215403	0,054	0,282
CHR5	9637703	CHR5:9637703	SSF x Near_LoA	-8,94074713	-0,031	0,321
CHR5	9637797	CHR5:9637797	SSF x Near_LoA	-7,12065531	-0,013	0,311
CHR5	9637847	CHR5:9637847	SSF x Near_LoA	-12,0851526	0,027	0,309
CHR5	9637874	CHR5:9637874	SSF x Near_LoA	-8,7738314	0,007	0,320
CHR5	964225	CHR5:964225	SSF x Near_LoA	-9,83244102	0,038	0,312
CHR5	964393	CHR5:964393	SSF x Near_LoA	-8,19104117	-0,027	0,294
CHR5	9645667	CHR5:9645667	SSF x Near_LoA	-9,36391372	0,066	0,312
CHR5	9645821	CHR5:9645821	SSF x Near_LoA	-10,5593733	0,009	0,302
CHR5	9645862	CHR5:9645862	SSF x Near_LoA	-11,4409064	0,111	0,300
CHR5	9658392	CHR5:9658392	SSF x Near_LoA	-10,2716968	0,021	0,316
CHR5	9658422	CHR5:9658422	SSF x Near_LoA	-8,79872701	0,084	0,308
CHR5	9658428	CHR5:9658428	SSF x Near_LoA	-10,2073967	0,028	0,309
CHR5	9662741	CHR5:9662741	SSF x Near_LoA	-7,67557084	-0,034	0,314
CHR5	9663538	CHR5:9663538	SSF x Near_LoA	-10,5427377	0,085	0,308
CHR5	9666255	CHR5:9666255	SSF x Near_LoA	-7,57238083	0,137	0,289
CHR5	9666368	CHR5:9666368	SSF x Near_LoA	-7,90371568	-0,020	0,315
CHR5	9666386	CHR5:9666386	SSF x Near_LoA	-9,9340478	-0,008	0,316
CHR5	9666408	CHR5:9666408	SSF x Near_LoA	-8,04528612	0,043	0,305
CHR5	9666449	CHR5:9666449	SSF x Near_LoA	-4,31152551	-0,028	0,321
CHR5	9666486	CHR5:9666486	SSF x Near_LoA	-9,25616371	0,024	0,311
CHR5	9666494	CHR5:9666494	SSF x Near_LoA	-10,0909596	0,039	0,323
CHR5	9669336	CHR5:9669336	SSF x Near_LoA	-7,49102217	-0,035	0,321
CHR5	9669429	CHR5:9669429	SSF x Near_LoA	-8,63044274	0,007	0,302
CHR5	9669453	CHR5:9669453	SSF x Near_LoA	-5,60207478	0,061	0,307
CHR5	9669455	CHR5:9669455	SSF x Near_LoA	-9,14287918	0,012	0,315
CHR5	9669504	CHR5:9669504	SSF x Near_LoA	-7,99004977	0,006	0,304
CHR5	9669512	CHR5:9669512	SSF x Near_LoA	-10,464838	-0,039	0,313
CHR5	9672308	CHR5:9672308	SSF x Near_LoA	-8,71422192	0,048	0,287
CHR5	9672322	CHR5:9672322	SSF x Near_LoA	-6,53445955	0,086	0,310
CHR5	9673997	CHR5:9673997	SSF x Near_LoA	-9,14246719	-0,018	0,299
CHR5	9674058	CHR5:9674058	SSF x Near_LoA	-9,52527041	0,027	0,300
CHR5	9674148	CHR5:9674148	SSF x Near_LoA	-10,2595834	0,001	0,315
CHR5	9677176	CHR5:9677176	SSF x Near_LoA	-9,97478909	0,012	0,311
CHR5	967991	CHR5:967991	SSF x Near_LoA	-8,48814312	-0,018	0,309
CHR5	968066	CHR5:968066	SSF x Near_LoA	-11,222328	-0,019	0,292

CHR5	9684733	CHR5:9684733	SSF x Near_LoA	-10,4455257	0,064	0,303
CHR5	9686045	CHR5:9686045	SSF x Near_LoA	-8,89858374	-0,089	0,310
CHR5	9686088	CHR5:9686088	SSF x Near_LoA	-8,95776607	-0,019	0,307
CHR5	9686304	CHR5:9686304	SSF x Near_LoA	-10,172137	-0,073	0,302
CHR5	9696585	CHR5:9696585	SSF x Near_LoA	-10,3925611	-0,041	0,304
CHR5	9720215	CHR5:9720215	SSF x Near_LoA	-8,34084533	-0,039	0,319
CHR5	9722927	CHR5:9722927	SSF x Near_LoA	-7,19577721	-0,109	0,305
CHR5	9722929	CHR5:9722929	SSF x Near_LoA	-7,45583737	-0,138	0,286
CHR5	9722953	CHR5:9722953	SSF x Near_LoA	-9,36166937	-0,047	0,298
CHR5	9722970	CHR5:9722970	SSF x Near_LoA	-6,03801114	-0,089	0,307
CHR5	9722989	CHR5:9722989	SSF x Near_LoA	-10,069898	0,061	0,321
CHR5	9723015	CHR5:9723015	SSF x Near_LoA	-7,48057395	-0,098	0,306
CHR5	9723079	CHR5:9723079	SSF x Near_LoA	-9,94022729	0,020	0,303
CHR5	9723095	CHR5:9723095	SSF x Near_LoA	-9,04156881	0,109	0,300
CHR5	9725699	CHR5:9725699	SSF x Near_LoA	-8,38094675	-0,159	0,298
CHR5	9725755	CHR5:9725755	SSF x Near_LoA	-6,97799592	-0,156	0,296
CHR5	9725776	CHR5:9725776	SSF x Near_LoA	-8,8176926	-0,095	0,307
CHR5	9725786	CHR5:9725786	SSF x Near_LoA	-9,84343557	-0,090	0,312
CHR5	9725801	CHR5:9725801	SSF x Near_LoA	-7,98518164	0,115	0,296
CHR5	9725834	CHR5:9725834	SSF x Near_LoA	-11,8294833	-0,064	0,297
CHR5	9731435	CHR5:9731435	SSF x Near_LoA	-10,2345636	0,059	0,301
CHR5	9731487	CHR5:9731487	SSF x Near_LoA	-10,273378	-0,096	0,299
CHR5	9731494	CHR5:9731494	SSF x Near_LoA	-9,28914629	-0,043	0,300
CHR5	9731586	CHR5:9731586	SSF x Near_LoA	-9,48207116	-0,132	0,295
CHR5	9731594	CHR5:9731594	SSF x Near_LoA	-7,62016331	-0,085	0,303
CHR5	9731623	CHR5:9731623	SSF x Near_LoA	-11,5583234	0,045	0,297
CHR5	9731657	CHR5:9731657	SSF x Near_LoA	-11,0770619	0,072	0,301
CHR5	9731662	CHR5:9731662	SSF x Near_LoA	-8,42824044	0,191	0,292
CHR5	9731669	CHR5:9731669	SSF x Near_LoA	-4,79622301	0,178	0,290
CHR5	9731676	CHR5:9731676	SSF x Near_LoA	-8,05321225	0,188	0,280
CHR5	9731707	CHR5:9731707	SSF x Near_LoA	-11,2036838	0,112	0,297
CHR5	9734992	CHR5:9734992	SSF x Near_LoA	-9,83828378	0,106	0,308
CHR5	9735077	CHR5:9735077	SSF x Near_LoA	-8,03032113	-0,112	0,294
CHR5	9735114	CHR5:9735114	SSF x Near_LoA	-8,83948113	-0,075	0,312
CHR5	9735184	CHR5:9735184	SSF x Near_LoA	-8,55219528	0,082	0,315
CHR5	9735211	CHR5:9735211	SSF x Near_LoA	-8,02832996	0,096	0,304
CHR5	974059	CHR5:974059	SSF x Near_LoA	-8,73128717	0,138	0,291
CHR5	974100	CHR5:974100	SSF x Near_LoA	-3,87438029	0,144	0,308
CHR5	974163	CHR5:974163	SSF x Near_LoA	-9,20360798	-0,081	0,314
CHR5	9747383	CHR5:9747383	SSF x Near_LoA	-8,27475037	-0,015	0,308
CHR5	9749290	CHR5:9749290	SSF x Near_LoA	-5,753966	0,048	0,303
CHR5	9749318	CHR5:9749318	SSF x Near_LoA	-11,6321298	0,015	0,291
CHR5	9749329	CHR5:9749329	SSF x Near_LoA	-9,86570051	0,047	0,311
CHR5	9749334	CHR5:9749334	SSF x Near_LoA	-8,9525808	-0,035	0,304
CHR5	9749414	CHR5:9749414	SSF x Near_LoA	-1,16612811	0,137	0,307
CHR5	9749444	CHR5:9749444	SSF x Near_LoA	-1,64083736	0,176	0,307
CHR5	9749448	CHR5:9749448	SSF x Near_LoA	-11,1808671	0,082	0,303
CHR5	9749468	CHR5:9749468	SSF x Near_LoA	-7,61732608	-0,094	0,302
CHR5	9749518	CHR5:9749518	SSF x Near_LoA	-8,55771107	-0,126	0,302
CHR5	9770758	CHR5:9770758	SSF x Near_LoA	3,16078223	0,081	0,304
CHR5	9770862	CHR5:9770862	SSF x Near_LoA	-6,67102155	-0,049	0,312
CHR5	9770926	CHR5:9770926	SSF x Near_LoA	-10,460701	-0,061	0,324
CHR5	9776921	CHR5:9776921	SSF x Near_LoA	-7,77636861	-0,036	0,314

CHR5	9776973	CHR5:9776973	SSF x Near_LoA	-10,5260212	-0,021	0,313
CHR5	9777031	CHR5:9777031	SSF x Near_LoA	-8,54507716	-0,044	0,311
CHR5	9777158	CHR5:9777158	SSF x Near_LoA	-8,54913443	-0,130	0,308
CHR5	9780150	CHR5:9780150	SSF x Near_LoA	-9,64208536	0,108	0,314
CHR5	9781666	CHR5:9781666	SSF x Near_LoA	-9,43200346	0,023	0,313
CHR5	9781676	CHR5:9781676	SSF x Near_LoA	-8,98904535	-0,028	0,319
CHR5	9781695	CHR5:9781695	SSF x Near_LoA	-10,8309708	0,070	0,299
CHR5	9781739	CHR5:9781739	SSF x Near_LoA	-8,18766184	-0,105	0,310
CHR5	9781752	CHR5:9781752	SSF x Near_LoA	-11,0662146	-0,026	0,317
CHR5	9781808	CHR5:9781808	SSF x Near_LoA	-10,2658018	-0,025	0,301
CHR5	9781823	CHR5:9781823	SSF x Near_LoA	-9,81783291	0,021	0,317
CHR5	9781828	CHR5:9781828	SSF x Near_LoA	-11,0530251	0,108	0,303
CHR5	9781845	CHR5:9781845	SSF x Near_LoA	-11,6701687	-0,029	0,309
CHR5	9781848	CHR5:9781848	SSF x Near_LoA	-11,7092061	-0,026	0,308
CHR5	9784640	CHR5:9784640	SSF x Near_LoA	-9,53292155	0,028	0,305
CHR5	9784658	CHR5:9784658	SSF x Near_LoA	-9,60618345	0,022	0,307
CHR5	9784698	CHR5:9784698	SSF x Near_LoA	-7,20122011	0,021	0,310
CHR5	9784706	CHR5:9784706	SSF x Near_LoA	-9,76457805	0,014	0,310
CHR5	9784714	CHR5:9784714	SSF x Near_LoA	-8,10590223	0,089	0,307
CHR5	9784822	CHR5:9784822	SSF x Near_LoA	-11,6692285	0,009	0,305
CHR5	9784842	CHR5:9784842	SSF x Near_LoA	-9,17857844	0,040	0,298
CHR5	9784849	CHR5:9784849	SSF x Near_LoA	-8,65022928	0,051	0,287
CHR5	9784870	CHR5:9784870	SSF x Near_LoA	-8,62080992	0,050	0,293
CHR5	9786448	CHR5:9786448	SSF x Near_LoA	-8,69616043	-0,001	0,298
CHR5	9788448	CHR5:9788448	SSF x Near_LoA	-0,82224593	-0,244	0,291
CHR5	9788466	CHR5:9788466	SSF x Near_LoA	-8,79323295	0,099	0,310
CHR5	9788506	CHR5:9788506	SSF x Near_LoA	-1,87430083	-0,187	0,300
CHR5	9788527	CHR5:9788527	SSF x Near_LoA	-9,22399569	0,104	0,309
CHR5	979863	CHR5:979863	SSF x Near_LoA	-8,13136261	-0,022	0,324
CHR5	979902	CHR5:979902	SSF x Near_LoA	-7,68171144	-0,022	0,309
CHR5	979928	CHR5:979928	SSF x Near_LoA	-9,26095986	0,174	0,308
CHR5	979952	CHR5:979952	SSF x Near_LoA	-9,94256209	-0,038	0,310
CHR5	979973	CHR5:979973	SSF x Near_LoA	-9,58838084	0,014	0,304
CHR5	979978	CHR5:979978	SSF x Near_LoA	-9,52783836	-0,006	0,310
CHR5	980109	CHR5:980109	SSF x Near_LoA	-7,63802797	0,038	0,303
CHR5	980117	CHR5:980117	SSF x Near_LoA	-10,2221066	-0,057	0,312
CHR5	980134	CHR5:980134	SSF x Near_LoA	-9,55095327	0,143	0,301
CHR5	9812204	CHR5:9812204	SSF x Near_LoA	-10,9428626	0,022	0,310
CHR5	9812249	CHR5:9812249	SSF x Near_LoA	-11,3477472	-0,011	0,310
CHR5	9812270	CHR5:9812270	SSF x Near_LoA	-8,5135728	-0,038	0,320
CHR5	9821161	CHR5:9821161	SSF x Near_LoA	-7,64997318	-0,075	0,313
CHR5	9821166	CHR5:9821166	SSF x Near_LoA	-8,74262948	-0,067	0,307
CHR5	9821190	CHR5:9821190	SSF x Near_LoA	-8,51940253	-0,092	0,308
CHR5	9821212	CHR5:9821212	SSF x Near_LoA	-10,1987469	0,098	0,317
CHR5	9821233	CHR5:9821233	SSF x Near_LoA	-8,68881211	-0,100	0,300
CHR5	9821545	CHR5:9821545	SSF x Near_LoA	-9,92397744	0,056	0,307
CHR5	9821550	CHR5:9821550	SSF x Near_LoA	-9,3414072	-0,086	0,314
CHR5	9826671	CHR5:9826671	SSF x Near_LoA	-8,27071728	-0,096	0,298
CHR5	9826691	CHR5:9826691	SSF x Near_LoA	-7,46374925	-0,051	0,303
CHR5	9826747	CHR5:9826747	SSF x Near_LoA	-8,96505568	-0,073	0,308
CHR5	9826756	CHR5:9826756	SSF x Near_LoA	-8,94641912	-0,035	0,312
CHR5	9826789	CHR5:9826789	SSF x Near_LoA	-8,6482165	-0,073	0,304
CHR5	9826801	CHR5:9826801	SSF x Near_LoA	-10,5685838	-0,095	0,297

CHR5	9837661	CHR5:9837661	SSF x Near_LoA	-10,7963936	-0,024	0,304
CHR5	9839142	CHR5:9839142	SSF x Near_LoA	-9,38085545	-0,133	0,311
CHR5	9839144	CHR5:9839144	SSF x Near_LoA	-7,43835598	0,063	0,303
CHR5	9839168	CHR5:9839168	SSF x Near_LoA	-8,93627066	0,018	0,299
CHR5	9839208	CHR5:9839208	SSF x Near_LoA	-7,52688812	0,158	0,308
CHR5	9846596	CHR5:9846596	SSF x Near_LoA	-8,20701506	0,067	0,307
CHR5	9847821	CHR5:9847821	SSF x Near_LoA	-10,3772695	-0,071	0,312
CHR5	9852651	CHR5:9852651	SSF x Near_LoA	-12,2204525	-0,021	0,295
CHR5	9852682	CHR5:9852682	SSF x Near_LoA	-7,80721601	-0,106	0,287
CHR5	9852786	CHR5:9852786	SSF x Near_LoA	-6,75333036	0,063	0,319
CHR5	9865425	CHR5:9865425	SSF x Near_LoA	-9,396433	-0,017	0,309
CHR5	9865428	CHR5:9865428	SSF x Near_LoA	-7,31576585	-0,146	0,299
CHR5	9865453	CHR5:9865453	SSF x Near_LoA	-10,9870932	-0,004	0,312
CHR5	9865688	CHR5:9865688	SSF x Near_LoA	-9,2955869	-0,036	0,309
CHR5	9865693	CHR5:9865693	SSF x Near_LoA	-9,70609424	-0,020	0,312
CHR5	9865694	CHR5:9865694	SSF x Near_LoA	-11,3385038	-0,021	0,307
CHR5	9865696	CHR5:9865696	SSF x Near_LoA	-6,5295643	-0,195	0,292
CHR5	9865718	CHR5:9865718	SSF x Near_LoA	-11,4694048	-0,020	0,323
CHR5	9873711	CHR5:9873711	SSF x Near_LoA	-12,2551464	0,023	0,300
CHR5	9873832	CHR5:9873832	SSF x Near_LoA	-11,2724021	-0,055	0,300
CHR5	9873833	CHR5:9873833	SSF x Near_LoA	-11,1999756	0,062	0,299
CHR5	9873838	CHR5:9873838	SSF x Near_LoA	-8,18453285	0,055	0,322
CHR5	9873872	CHR5:9873872	SSF x Near_LoA	-5,85187183	-0,156	0,293
CHR5	9877051	CHR5:9877051	SSF x Near_LoA	-9,79007912	-0,061	0,318
CHR5	9877056	CHR5:9877056	SSF x Near_LoA	-11,7294088	-0,014	0,308
CHR5	988364	CHR5:988364	SSF x Near_LoA	-10,267208	0,030	0,308
CHR5	988384	CHR5:988384	SSF x Near_LoA	-6,42177462	0,031	0,313
CHR5	988437	CHR5:988437	SSF x Near_LoA	-7,16787797	-0,010	0,328
CHR5	988444	CHR5:988444	SSF x Near_LoA	-10,7815564	-0,105	0,310
CHR5	988451	CHR5:988451	SSF x Near_LoA	-10,3400748	0,003	0,319
CHR5	9886786	CHR5:9886786	SSF x Near_LoA	-10,2628673	0,051	0,312
CHR5	9890007	CHR5:9890007	SSF x Near_LoA	-4,18224043	0,199	0,299
CHR5	9897375	CHR5:9897375	SSF x Near_LoA	-11,8946535	-0,048	0,302
CHR5	9897399	CHR5:9897399	SSF x Near_LoA	-11,3211545	-0,021	0,293
CHR5	9897634	CHR5:9897634	SSF x Near_LoA	-10,5656472	-0,055	0,302
CHR5	9897635	CHR5:9897635	SSF x Near_LoA	-7,08311054	-0,110	0,319
CHR5	9898711	CHR5:9898711	SSF x Near_LoA	-9,95408231	0,027	0,311
CHR5	9898712	CHR5:9898712	SSF x Near_LoA	-10,5754362	0,000	0,315
CHR5	9898782	CHR5:9898782	SSF x Near_LoA	-8,75951006	-0,103	0,303
CHR5	9899084	CHR5:9899084	SSF x Near_LoA	-10,7834642	0,091	0,299
CHR5	9901532	CHR5:9901532	SSF x Near_LoA	-11,1929534	0,014	0,301
CHR5	9901536	CHR5:9901536	SSF x Near_LoA	-10,4160314	-0,013	0,303
CHR5	990456	CHR5:990456	SSF x Near_LoA	-8,00096742	-0,080	0,303
CHR5	990591	CHR5:990591	SSF x Near_LoA	-8,68188063	-0,061	0,306
CHR5	990668	CHR5:990668	SSF x Near_LoA	-8,65529098	-0,008	0,309
CHR5	9915847	CHR5:9915847	SSF x Near_LoA	-8,46733716	-0,133	0,312
CHR5	9915865	CHR5:9915865	SSF x Near_LoA	-7,99467465	-0,135	0,317
CHR5	9938260	CHR5:9938260	SSF x Near_LoA	-11,8598835	-0,021	0,312
CHR5	9938282	CHR5:9938282	SSF x Near_LoA	-7,48994891	0,159	0,292
CHR5	9951466	CHR5:9951466	SSF x Near_LoA	-9,25447786	-0,001	0,329
CHR5	99589	CHR5:99589	SSF x Near_LoA	-8,31928384	0,060	0,318
CHR5	9968213	CHR5:9968213	SSF x Near_LoA	-9,90813133	0,077	0,311
CHR5	9974429	CHR5:9974429	SSF x Near_LoA	-6,88178407	0,212	0,284

CHR5	997629	CHR5:997629	SSF x Near_LoA	-9,36086696	-0,050	0,307
CHR5	997673	CHR5:997673	SSF x Near_LoA	-2,16512808	0,026	0,311
CHR5	997693	CHR5:997693	SSF x Near_LoA	-8,53737597	0,015	0,322
CHR5	9978876	CHR5:9978876	SSF x Near_LoA	-9,7961421	0,018	0,311
CHR5	9978882	CHR5:9978882	SSF x Near_LoA	-8,90277105	-0,063	0,301
CHR5	9978891	CHR5:9978891	SSF x Near_LoA	-8,90183837	0,029	0,323
CHR5	9982171	CHR5:9982171	SSF x Near_LoA	-9,24717737	0,015	0,313
CHR5	9982226	CHR5:9982226	SSF x Near_LoA	-8,74596279	0,035	0,318
CHR5	9983100	CHR5:9983100	SSF x Near_LoA	-7,18562369	0,061	0,310
CHR5	9983151	CHR5:9983151	SSF x Near_LoA	-8,423749	-0,004	0,301
CHR5	9983225	CHR5:9983225	SSF x Near_LoA	-7,58325276	-0,038	0,307
CHR5	9983235	CHR5:9983235	SSF x Near_LoA	-9,58478032	-0,014	0,310
CHR5	9998318	CHR5:9998318	SSF x Near_LoA	-10,426804	-0,051	0,320
CHR5	9998396	CHR5:9998396	SSF x Near_LoA	-6,29794182	-0,071	0,303
CHR6	1E+07	CHR6:10003852	SSF x Near_LoA	-10,5259622	-0,072	0,315
CHR6	1E+07	CHR6:10003860	SSF x Near_LoA	-9,13915508	-0,016	0,310
CHR6	1E+07	CHR6:10003914	SSF x Near_LoA	-7,94180656	-0,150	0,294
CHR6	1E+07	CHR6:10003953	SSF x Near_LoA	-9,80984504	0,037	0,303
CHR6	1E+07	CHR6:10018655	SSF x Near_LoA	-7,93814485	0,053	0,311
CHR6	1E+07	CHR6:10023725	SSF x Near_LoA	-6,89642857	0,091	0,319
CHR6	1E+07	CHR6:10023733	SSF x Near_LoA	-5,93684049	0,058	0,287
CHR6	1E+07	CHR6:10023742	SSF x Near_LoA	-6,6781049	0,105	0,323
CHR6	1E+07	CHR6:10023752	SSF x Near_LoA	-7,84692022	0,062	0,315
CHR6	1E+07	CHR6:10031500	SSF x Near_LoA	-9,54742574	0,119	0,299
CHR6	1E+07	CHR6:10035942	SSF x Near_LoA	-9,14693657	0,022	0,303
CHR6	1E+07	CHR6:10036336	SSF x Near_LoA	-8,51760467	-0,006	0,318
CHR6	1E+07	CHR6:10041201	SSF x Near_LoA	-8,53380714	0,130	0,314
CHR6	1E+07	CHR6:10043552	SSF x Near_LoA	-10,5259163	-0,090	0,313
CHR6	1E+07	CHR6:10043578	SSF x Near_LoA	-9,7488856	-0,129	0,312
CHR6	1E+07	CHR6:10043693	SSF x Near_LoA	-4,66163176	0,193	0,301
CHR6	1E+07	CHR6:10043705	SSF x Near_LoA	-10,9107784	-0,021	0,307
CHR6	1E+07	CHR6:10053186	SSF x Near_LoA	-10,534049	-0,096	0,313
CHR6	1E+07	CHR6:10053259	SSF x Near_LoA	-10,8684917	0,103	0,287
CHR6	1E+07	CHR6:10056541	SSF x Near_LoA	-8,09062241	0,055	0,315
CHR6	1E+07	CHR6:10056572	SSF x Near_LoA	-11,0518462	0,052	0,305
CHR6	1E+07	CHR6:10060648	SSF x Near_LoA	-11,1724501	-0,006	0,306
CHR6	1E+07	CHR6:10063646	SSF x Near_LoA	-6,54995277	0,130	0,313
CHR6	1E+07	CHR6:10063647	SSF x Near_LoA	-7,57267241	0,130	0,304
CHR6	1E+07	CHR6:10063709	SSF x Near_LoA	-9,26995445	0,156	0,311
CHR6	1E+07	CHR6:10063736	SSF x Near_LoA	-5,02918341	-0,160	0,305
CHR6	1E+07	CHR6:10063787	SSF x Near_LoA	-9,33680626	0,041	0,292
CHR6	1E+07	CHR6:10067710	SSF x Near_LoA	-10,3220238	0,051	0,299
CHR6	1E+07	CHR6:10067786	SSF x Near_LoA	-9,4250606	0,060	0,316
CHR6	1E+07	CHR6:10067888	SSF x Near_LoA	-8,05970666	0,085	0,308
CHR6	1E+07	CHR6:10069531	SSF x Near_LoA	-4,3502267	-0,178	0,305
CHR6	1E+07	CHR6:10069536	SSF x Near_LoA	-10,6046831	-0,079	0,320
CHR6	1E+07	CHR6:10069572	SSF x Near_LoA	-10,877709	-0,047	0,319
CHR6	1E+07	CHR6:10069578	SSF x Near_LoA	-6,06602189	0,147	0,280
CHR6	1E+07	CHR6:10069602	SSF x Near_LoA	-5,37299157	0,180	0,293
CHR6	1E+07	CHR6:10069607	SSF x Near_LoA	-9,70227355	0,089	0,306
CHR6	1E+07	CHR6:10073830	SSF x Near_LoA	-9,2548311	0,111	0,297
CHR6	1E+07	CHR6:10073939	SSF x Near_LoA	-5,31462274	-0,061	0,312
CHR6	1008048	CHR6:1008048	SSF x Near_LoA	-5,5964201	-0,094	0,317

CHR6	1E+07	CHR6:10085457	SSF x Near_LoA	-9,76195636	-0,030	0,302
CHR6	1E+07	CHR6:10085461	SSF x Near_LoA	-10,2982769	-0,043	0,312
CHR6	1E+07	CHR6:10085508	SSF x Near_LoA	-8,78837876	-0,102	0,306
CHR6	1E+07	CHR6:10094613	SSF x Near_LoA	-9,11929753	-0,007	0,297
CHR6	1E+07	CHR6:10094730	SSF x Near_LoA	-7,24191459	-0,004	0,315
CHR6	1E+07	CHR6:10094733	SSF x Near_LoA	-9,0071006	-0,028	0,317
CHR6	1E+07	CHR6:10094837	SSF x Near_LoA	-2,25694698	-0,106	0,305
CHR6	1E+07	CHR6:10094844	SSF x Near_LoA	-8,75340846	-0,052	0,314
CHR6	1E+07	CHR6:10113837	SSF x Near_LoA	-7,42843499	-0,054	0,320
CHR6	1E+07	CHR6:10113902	SSF x Near_LoA	-7,86271606	-0,017	0,316
CHR6	1E+07	CHR6:10113939	SSF x Near_LoA	-10,9755959	-0,081	0,294
CHR6	1E+07	CHR6:10114020	SSF x Near_LoA	-11,7800097	-0,035	0,300
CHR6	1E+07	CHR6:10114036	SSF x Near_LoA	-11,2405287	-0,036	0,326
CHR6	1E+07	CHR6:10114044	SSF x Near_LoA	-11,8753743	-0,053	0,300
CHR6	1E+07	CHR6:10114047	SSF x Near_LoA	-10,613502	-0,057	0,314
CHR6	1E+07	CHR6:10136814	SSF x Near_LoA	-7,99579329	-0,131	0,310
CHR6	1E+07	CHR6:10141545	SSF x Near_LoA	1,70628311	-0,052	0,307
CHR6	1E+07	CHR6:10153454	SSF x Near_LoA	-9,57164621	-0,038	0,300
CHR6	1E+07	CHR6:10162830	SSF x Near_LoA	-9,10499713	-0,043	0,298
CHR6	1E+07	CHR6:10162892	SSF x Near_LoA	-7,24994979	0,048	0,310
CHR6	1E+07	CHR6:10172877	SSF x Near_LoA	-11,781391	0,015	0,317
CHR6	1019895	CHR6:1019895	SSF x Near_LoA	-9,49594217	0,100	0,292
CHR6	102208	CHR6:102208	SSF x Near_LoA	-10,7959452	-0,020	0,307
CHR6	1E+07	CHR6:10247294	SSF x Near_LoA	-11,0503333	-0,082	0,310
CHR6	1E+07	CHR6:10247422	SSF x Near_LoA	-8,22859731	-0,120	0,302
CHR6	1E+07	CHR6:10247521	SSF x Near_LoA	-8,84989856	-0,038	0,334
CHR6	1E+07	CHR6:10250559	SSF x Near_LoA	-8,12037552	-0,023	0,317
CHR6	1E+07	CHR6:10250621	SSF x Near_LoA	-8,57691865	-0,003	0,303
CHR6	1E+07	CHR6:10256866	SSF x Near_LoA	-11,1894675	-0,011	0,304
CHR6	1E+07	CHR6:10256946	SSF x Near_LoA	-11,5761711	-0,010	0,330
CHR6	1E+07	CHR6:10256959	SSF x Near_LoA	-9,60672677	0,042	0,306
CHR6	1E+07	CHR6:10256999	SSF x Near_LoA	-11,6790236	-0,023	0,312
CHR6	1E+07	CHR6:10257063	SSF x Near_LoA	-8,41154979	0,119	0,310
CHR6	1E+07	CHR6:10257066	SSF x Near_LoA	-6,91805912	-0,065	0,321
CHR6	1E+07	CHR6:10257069	SSF x Near_LoA	-10,0356397	-0,024	0,310
CHR6	1E+07	CHR6:10257113	SSF x Near_LoA	-11,288451	-0,053	0,316
CHR6	1E+07	CHR6:10259296	SSF x Near_LoA	-10,7445224	-0,099	0,307
CHR6	1E+07	CHR6:10259345	SSF x Near_LoA	-10,077159	0,001	0,307
CHR6	1E+07	CHR6:10268082	SSF x Near_LoA	-10,8858371	-0,010	0,320
CHR6	1E+07	CHR6:10268140	SSF x Near_LoA	-9,68605789	-0,030	0,303
CHR6	1E+07	CHR6:10268194	SSF x Near_LoA	-8,78595734	0,014	0,310
CHR6	1E+07	CHR6:10268335	SSF x Near_LoA	-10,0928312	0,076	0,317
CHR6	1E+07	CHR6:10273043	SSF x Near_LoA	-9,30218159	0,000	0,287
CHR6	1E+07	CHR6:10273143	SSF x Near_LoA	-5,68359773	0,011	0,322
CHR6	1E+07	CHR6:10276582	SSF x Near_LoA	-10,4168541	0,054	0,317
CHR6	1E+07	CHR6:10282210	SSF x Near_LoA	-8,84952071	-0,057	0,295
CHR6	1E+07	CHR6:10282341	SSF x Near_LoA	-10,4053329	0,049	0,305
CHR6	1E+07	CHR6:10292865	SSF x Near_LoA	-9,71510392	-0,145	0,309
CHR6	1E+07	CHR6:10293016	SSF x Near_LoA	-7,72691641	-0,056	0,317
CHR6	1E+07	CHR6:10299272	SSF x Near_LoA	-9,37368568	0,058	0,320
CHR6	1E+07	CHR6:10305447	SSF x Near_LoA	-6,8229231	-0,152	0,299
CHR6	1E+07	CHR6:10305484	SSF x Near_LoA	-10,772728	0,083	0,294
CHR6	1E+07	CHR6:10305564	SSF x Near_LoA	-10,0396671	-0,103	0,303

CHR6	1E+07	CHR6:10315324	SSF x Near_LoA	-11,3394165	0,150	0,297
CHR6	1E+07	CHR6:10316709	SSF x Near_LoA	-8,43011298	-0,037	0,319
CHR6	1E+07	CHR6:10332715	SSF x Near_LoA	-9,19216347	-0,041	0,306
CHR6	1E+07	CHR6:10332759	SSF x Near_LoA	-7,65274339	-0,057	0,314
CHR6	1E+07	CHR6:10333501	SSF x Near_LoA	-4,79225483	-0,033	0,313
CHR6	1E+07	CHR6:10334869	SSF x Near_LoA	-5,45341916	0,059	0,293
CHR6	1E+07	CHR6:10334974	SSF x Near_LoA	-9,09901711	-0,052	0,320
CHR6	1E+07	CHR6:10335044	SSF x Near_LoA	-10,7521487	-0,001	0,307
CHR6	1E+07	CHR6:10338012	SSF x Near_LoA	-11,8885346	0,037	0,298
CHR6	1E+07	CHR6:10354715	SSF x Near_LoA	-8,602441	-0,006	0,311
CHR6	1E+07	CHR6:10354725	SSF x Near_LoA	-9,42505877	0,060	0,298
CHR6	1E+07	CHR6:10354840	SSF x Near_LoA	-8,72848273	0,009	0,309
CHR6	1E+07	CHR6:10354921	SSF x Near_LoA	-10,5232328	-0,002	0,301
CHR6	1E+07	CHR6:10361602	SSF x Near_LoA	-5,49372328	0,093	0,300
CHR6	1E+07	CHR6:10361742	SSF x Near_LoA	-6,71933325	-0,098	0,294
CHR6	1E+07	CHR6:10361749	SSF x Near_LoA	-9,33794367	0,036	0,317
CHR6	1E+07	CHR6:10367439	SSF x Near_LoA	-10,9354335	-0,020	0,302
CHR6	1E+07	CHR6:10367454	SSF x Near_LoA	-5,25809584	-0,074	0,306
CHR6	1E+07	CHR6:10392548	SSF x Near_LoA	-9,7912829	0,135	0,298
CHR6	1E+07	CHR6:10392633	SSF x Near_LoA	-6,74645867	-0,121	0,312
CHR6	1039572	CHR6:1039572	SSF x Near_LoA	-9,65553065	0,008	0,298
CHR6	1E+07	CHR6:10399143	SSF x Near_LoA	-5,08817686	0,067	0,305
CHR6	1E+07	CHR6:10399347	SSF x Near_LoA	-5,68715901	-0,023	0,303
CHR6	1E+07	CHR6:10403911	SSF x Near_LoA	-7,79351723	-0,103	0,307
CHR6	1E+07	CHR6:10403929	SSF x Near_LoA	-9,38787625	-0,086	0,324
CHR6	1E+07	CHR6:10403995	SSF x Near_LoA	-8,05947071	0,135	0,306
CHR6	1E+07	CHR6:10404013	SSF x Near_LoA	-10,7056644	-0,026	0,321
CHR6	1E+07	CHR6:10404019	SSF x Near_LoA	-9,83185083	0,013	0,311
CHR6	1E+07	CHR6:10408037	SSF x Near_LoA	-7,30539214	-0,086	0,320
CHR6	1E+07	CHR6:10409960	SSF x Near_LoA	-1,24100547	-0,145	0,305
CHR6	1E+07	CHR6:10410073	SSF x Near_LoA	-10,3662781	-0,033	0,291
CHR6	1E+07	CHR6:10425116	SSF x Near_LoA	-8,73308411	-0,083	0,304
CHR6	1E+07	CHR6:10425147	SSF x Near_LoA	-7,83594259	-0,078	0,314
CHR6	1E+07	CHR6:10430461	SSF x Near_LoA	-7,48650908	0,067	0,311
CHR6	1E+07	CHR6:10432082	SSF x Near_LoA	-8,845441	0,105	0,306
CHR6	1E+07	CHR6:10432178	SSF x Near_LoA	-0,12512539	0,099	0,311
CHR6	1E+07	CHR6:10437660	SSF x Near_LoA	-9,94681854	0,117	0,287
CHR6	1E+07	CHR6:10437725	SSF x Near_LoA	-8,91573181	0,086	0,296
CHR6	1E+07	CHR6:10437793	SSF x Near_LoA	-11,4805321	0,010	0,314
CHR6	1E+07	CHR6:10437828	SSF x Near_LoA	-7,95000794	0,008	0,306
CHR6	1E+07	CHR6:10437835	SSF x Near_LoA	-11,1870094	0,006	0,302
CHR6	1E+07	CHR6:10437857	SSF x Near_LoA	-9,22295779	0,080	0,301
CHR6	1E+07	CHR6:10443365	SSF x Near_LoA	-6,45689318	0,007	0,319
CHR6	1E+07	CHR6:10443493	SSF x Near_LoA	-11,7227377	-0,056	0,325
CHR6	1E+07	CHR6:10443510	SSF x Near_LoA	-7,96894318	0,032	0,302
CHR6	1E+07	CHR6:10443516	SSF x Near_LoA	-2,1576074	0,079	0,314
CHR6	1E+07	CHR6:10457334	SSF x Near_LoA	-10,5641639	-0,097	0,306
CHR6	1E+07	CHR6:10462420	SSF x Near_LoA	-9,26450429	-0,039	0,316
CHR6	1E+07	CHR6:10462446	SSF x Near_LoA	-9,63768542	-0,046	0,297
CHR6	1E+07	CHR6:10462520	SSF x Near_LoA	-9,14312809	-0,051	0,315
CHR6	1E+07	CHR6:10462560	SSF x Near_LoA	-10,801834	0,100	0,312
CHR6	1E+07	CHR6:10462601	SSF x Near_LoA	-10,8843496	0,100	0,308
CHR6	1E+07	CHR6:10468877	SSF x Near_LoA	-7,24811815	0,063	0,290

CHR6	1E+07	CHR6:10468911	SSF x Near_LoA	-9,46923141	-0,024	0,320
CHR6	1E+07	CHR6:10468914	SSF x Near_LoA	-8,81530462	-0,031	0,319
CHR6	1E+07	CHR6:10471230	SSF x Near_LoA	-10,4854216	0,026	0,300
CHR6	1E+07	CHR6:10471317	SSF x Near_LoA	-8,55861184	-0,045	0,314
CHR6	1E+07	CHR6:10484140	SSF x Near_LoA	-9,75388056	0,079	0,318
CHR6	1E+07	CHR6:10484143	SSF x Near_LoA	-6,11515161	0,039	0,301
CHR6	1E+07	CHR6:10484220	SSF x Near_LoA	-6,30624968	0,033	0,312
CHR6	1E+07	CHR6:10498351	SSF x Near_LoA	-11,6226732	-0,067	0,318
CHR6	10505208	CHR6:10505208	SSF x Near_LoA	-10,9836183	-0,022	0,296
CHR6	10522391	CHR6:10522391	SSF x Near_LoA	-9,12270953	-0,086	0,309
CHR6	10535055	CHR6:10535055	SSF x Near_LoA	-10,8147883	-0,054	0,303
CHR6	10535277	CHR6:10535277	SSF x Near_LoA	-11,0603424	0,120	0,297
CHR6	10535296	CHR6:10535296	SSF x Near_LoA	-10,5282965	0,083	0,291
CHR6	10537263	CHR6:10537263	SSF x Near_LoA	-12,0329913	-0,026	0,311
CHR6	10537297	CHR6:10537297	SSF x Near_LoA	-6,22003375	-0,020	0,304
CHR6	10546431	CHR6:10546431	SSF x Near_LoA	-6,58005917	0,036	0,315
CHR6	10558996	CHR6:10558996	SSF x Near_LoA	-9,43167893	-0,016	0,312
CHR6	10559047	CHR6:10559047	SSF x Near_LoA	-7,45966326	-0,132	0,296
CHR6	10559115	CHR6:10559115	SSF x Near_LoA	-7,64107713	0,091	0,307
CHR6	10559140	CHR6:10559140	SSF x Near_LoA	-10,86631	0,125	0,290
CHR6	10559167	CHR6:10559167	SSF x Near_LoA	-8,41377754	0,079	0,306
CHR6	10561809	CHR6:10561809	SSF x Near_LoA	-8,52604344	0,165	0,301
CHR6	10561982	CHR6:10561982	SSF x Near_LoA	-9,91481524	-0,025	0,311
CHR6	10574522	CHR6:10574522	SSF x Near_LoA	-6,8602132	-0,089	0,319
CHR6	10578672	CHR6:10578672	SSF x Near_LoA	-7,95530612	0,205	0,291
CHR6	10581603	CHR6:10581603	SSF x Near_LoA	-8,09727052	0,118	0,319
CHR6	10606089	CHR6:10606089	SSF x Near_LoA	-8,35257124	-0,021	0,305
CHR6	10606109	CHR6:10606109	SSF x Near_LoA	-8,84227699	-0,089	0,305
CHR6	10606163	CHR6:10606163	SSF x Near_LoA	-9,66829641	0,042	0,288
CHR6	10607925	CHR6:10607925	SSF x Near_LoA	-8,68023107	0,075	0,307
CHR6	10608161	CHR6:10608161	SSF x Near_LoA	-8,18405309	-0,059	0,315
CHR6	10612565	CHR6:10612565	SSF x Near_LoA	-9,05174639	-0,033	0,304
CHR6	10614543	CHR6:10614543	SSF x Near_LoA	-1,02059038	0,063	0,306
CHR6	10616145	CHR6:10616145	SSF x Near_LoA	-10,7847256	-0,030	0,298
CHR6	10616151	CHR6:10616151	SSF x Near_LoA	-7,92476855	-0,005	0,326
CHR6	10616217	CHR6:10616217	SSF x Near_LoA	-5,90395284	0,037	0,316
CHR6	10616218	CHR6:10616218	SSF x Near_LoA	-6,58472816	0,041	0,288
CHR6	10616233	CHR6:10616233	SSF x Near_LoA	-8,85700775	0,029	0,310
CHR6	10616274	CHR6:10616274	SSF x Near_LoA	-10,2949054	-0,078	0,306
CHR6	10616286	CHR6:10616286	SSF x Near_LoA	-5,78971313	0,075	0,323
CHR6	10616290	CHR6:10616290	SSF x Near_LoA	-11,3788057	0,048	0,311
CHR6	10616294	CHR6:10616294	SSF x Near_LoA	-2,76346219	-0,076	0,317
CHR6	10616310	CHR6:10616310	SSF x Near_LoA	-8,77421792	0,089	0,301
CHR6	10616316	CHR6:10616316	SSF x Near_LoA	-8,92108591	0,044	0,304
CHR6	10621184	CHR6:10621184	SSF x Near_LoA	-6,59253058	-0,116	0,309
CHR6	10621237	CHR6:10621237	SSF x Near_LoA	-9,83494136	-0,012	0,300
CHR6	10621434	CHR6:10621434	SSF x Near_LoA	-8,97789424	0,006	0,317
CHR6	10623417	CHR6:10623417	SSF x Near_LoA	-10,6627711	-0,002	0,307
CHR6	10623421	CHR6:10623421	SSF x Near_LoA	-11,0126451	0,067	0,303
CHR6	10623447	CHR6:10623447	SSF x Near_LoA	-10,4040803	-0,128	0,308
CHR6	10623498	CHR6:10623498	SSF x Near_LoA	-9,15780946	0,003	0,299
CHR6	10623527	CHR6:10623527	SSF x Near_LoA	-9,36155491	0,047	0,310
CHR6	10623545	CHR6:10623545	SSF x Near_LoA	-9,08212347	0,020	0,315

CHR6	10623576	CHR6:10623576	SSF x Near_LoA	-9,91529858	0,002	0,311
CHR6	10623604	CHR6:10623604	SSF x Near_LoA	-10,5128622	0,039	0,304
CHR6	10626020	CHR6:10626020	SSF x Near_LoA	-12,3148815	-0,069	0,303
CHR6	10632183	CHR6:10632183	SSF x Near_LoA	-8,56608406	-0,019	0,309
CHR6	10632212	CHR6:10632212	SSF x Near_LoA	-10,2641698	0,078	0,301
CHR6	10634292	CHR6:10634292	SSF x Near_LoA	-7,22154867	-0,070	0,311
CHR6	10644894	CHR6:10644894	SSF x Near_LoA	-9,11004094	-0,093	0,301
CHR6	10644948	CHR6:10644948	SSF x Near_LoA	-8,25916939	-0,010	0,301
CHR6	10644954	CHR6:10644954	SSF x Near_LoA	-10,8162084	0,006	0,296
CHR6	10645140	CHR6:10645140	SSF x Near_LoA	-9,32781185	-0,042	0,303
CHR6	10648102	CHR6:10648102	SSF x Near_LoA	-9,05214344	0,033	0,298
CHR6	10648104	CHR6:10648104	SSF x Near_LoA	-10,4352343	0,005	0,318
CHR6	10648118	CHR6:10648118	SSF x Near_LoA	-9,04235357	-0,097	0,305
CHR6	10648210	CHR6:10648210	SSF x Near_LoA	-8,54447309	0,042	0,305
CHR6	10648215	CHR6:10648215	SSF x Near_LoA	-8,89096167	0,055	0,300
CHR6	10669421	CHR6:10669421	SSF x Near_LoA	-9,02213271	0,040	0,306
CHR6	10669509	CHR6:10669509	SSF x Near_LoA	-10,4312519	0,050	0,308
CHR6	1068506	CHR6:1068506	SSF x Near_LoA	-8,86535764	-0,009	0,312
CHR6	1068529	CHR6:1068529	SSF x Near_LoA	-9,33847553	0,071	0,311
CHR6	1068531	CHR6:1068531	SSF x Near_LoA	-8,42915321	0,084	0,314
CHR6	1068559	CHR6:1068559	SSF x Near_LoA	-8,85187594	0,035	0,327
CHR6	10692227	CHR6:10692227	SSF x Near_LoA	-8,89886732	-0,043	0,304
CHR6	10692229	CHR6:10692229	SSF x Near_LoA	-7,31266609	0,043	0,303
CHR6	10692263	CHR6:10692263	SSF x Near_LoA	-7,6714967	-0,129	0,300
CHR6	10697725	CHR6:10697725	SSF x Near_LoA	-9,24848668	-0,040	0,293
CHR6	10699132	CHR6:10699132	SSF x Near_LoA	-10,1674414	0,034	0,313
CHR6	10699196	CHR6:10699196	SSF x Near_LoA	-8,77988832	0,101	0,307
CHR6	10701125	CHR6:10701125	SSF x Near_LoA	-11,294714	0,099	0,299
CHR6	10701161	CHR6:10701161	SSF x Near_LoA	-9,39949184	-0,087	0,307
CHR6	10701200	CHR6:10701200	SSF x Near_LoA	-11,1240058	-0,037	0,308
CHR6	10718065	CHR6:10718065	SSF x Near_LoA	-9,83705297	0,036	0,293
CHR6	10718162	CHR6:10718162	SSF x Near_LoA	-7,39877284	0,085	0,305
CHR6	10719140	CHR6:10719140	SSF x Near_LoA	-11,1651788	-0,009	0,305
CHR6	10719147	CHR6:10719147	SSF x Near_LoA	-8,63693503	0,085	0,295
CHR6	10719168	CHR6:10719168	SSF x Near_LoA	-1,93714753	0,021	0,320
CHR6	10719200	CHR6:10719200	SSF x Near_LoA	-7,28870168	-0,089	0,300
CHR6	10723028	CHR6:10723028	SSF x Near_LoA	-6,48264282	-0,023	0,315
CHR6	10723054	CHR6:10723054	SSF x Near_LoA	-7,56805964	0,045	0,288
CHR6	10723057	CHR6:10723057	SSF x Near_LoA	-9,89175888	-0,001	0,303
CHR6	10723227	CHR6:10723227	SSF x Near_LoA	-11,7873967	0,063	0,298
CHR6	107798	CHR6:107798	SSF x Near_LoA	-9,8327371	-0,067	0,311
CHR6	107881	CHR6:107881	SSF x Near_LoA	-9,82670871	-0,079	0,310
CHR6	107898	CHR6:107898	SSF x Near_LoA	-11,7138736	-0,086	0,316
CHR6	10801724	CHR6:10801724	SSF x Near_LoA	-10,4570594	-0,042	0,312
CHR6	10820820	CHR6:10820820	SSF x Near_LoA	-8,60597743	-0,180	0,309
CHR6	10820829	CHR6:10820829	SSF x Near_LoA	-8,43000366	-0,019	0,310
CHR6	10820953	CHR6:10820953	SSF x Near_LoA	-9,68467589	0,025	0,309
CHR6	10820983	CHR6:10820983	SSF x Near_LoA	-7,55035797	-0,062	0,300
CHR6	10821052	CHR6:10821052	SSF x Near_LoA	-9,12546138	0,048	0,304
CHR6	10828793	CHR6:10828793	SSF x Near_LoA	-3,24873209	0,189	0,303
CHR6	10828867	CHR6:10828867	SSF x Near_LoA	-7,92866606	-0,124	0,296
CHR6	10828868	CHR6:10828868	SSF x Near_LoA	-5,68679074	-0,132	0,294
CHR6	10828873	CHR6:10828873	SSF x Near_LoA	-7,09008781	-0,035	0,309

CHR6	10828891	CHR6:10828891	SSF x Near_LoA	-10,8394356	-0,114	0,277
CHR6	10828897	CHR6:10828897	SSF x Near_LoA	-7,05928228	0,004	0,311
CHR6	10828914	CHR6:10828914	SSF x Near_LoA	-9,61958306	0,000	0,295
CHR6	10829214	CHR6:10829214	SSF x Near_LoA	-6,58649896	0,015	0,302
CHR6	10829227	CHR6:10829227	SSF x Near_LoA	-9,52836783	-0,008	0,308
CHR6	10829265	CHR6:10829265	SSF x Near_LoA	-8,63510953	0,019	0,307
CHR6	10829332	CHR6:10829332	SSF x Near_LoA	-8,43425912	-0,107	0,309
CHR6	10851265	CHR6:10851265	SSF x Near_LoA	-10,7279571	0,023	0,304
CHR6	10851269	CHR6:10851269	SSF x Near_LoA	-10,1377809	0,038	0,301
CHR6	10851282	CHR6:10851282	SSF x Near_LoA	-9,17861813	0,062	0,301
CHR6	10851352	CHR6:10851352	SSF x Near_LoA	-9,91131078	-0,031	0,294
CHR6	10865635	CHR6:10865635	SSF x Near_LoA	-11,7469897	-0,048	0,311
CHR6	10865680	CHR6:10865680	SSF x Near_LoA	-7,02032431	-0,079	0,319
CHR6	10865731	CHR6:10865731	SSF x Near_LoA	-8,06252185	0,099	0,302
CHR6	10865790	CHR6:10865790	SSF x Near_LoA	-8,56464536	0,029	0,303
CHR6	10865792	CHR6:10865792	SSF x Near_LoA	-10,1619448	0,097	0,307
CHR6	10865796	CHR6:10865796	SSF x Near_LoA	-11,0953944	0,012	0,309
CHR6	10865827	CHR6:10865827	SSF x Near_LoA	-7,79347436	0,048	0,302
CHR6	10869503	CHR6:10869503	SSF x Near_LoA	-12,1591217	0,037	0,306
CHR6	10869524	CHR6:10869524	SSF x Near_LoA	-10,2707562	0,001	0,294
CHR6	10869558	CHR6:10869558	SSF x Near_LoA	-9,11993392	-0,031	0,305
CHR6	10869668	CHR6:10869668	SSF x Near_LoA	-6,80929606	0,135	0,292
CHR6	10869702	CHR6:10869702	SSF x Near_LoA	-12,0537977	-0,008	0,294
CHR6	10869740	CHR6:10869740	SSF x Near_LoA	-9,43278166	0,095	0,304
CHR6	10869786	CHR6:10869786	SSF x Near_LoA	-6,67253983	0,081	0,301
CHR6	10869790	CHR6:10869790	SSF x Near_LoA	-8,02174289	-0,009	0,317
CHR6	10869818	CHR6:10869818	SSF x Near_LoA	-10,9791032	-0,007	0,316
CHR6	10871687	CHR6:10871687	SSF x Near_LoA	-6,70305994	-0,044	0,312
CHR6	10871710	CHR6:10871710	SSF x Near_LoA	-9,48192942	-0,058	0,299
CHR6	10871756	CHR6:10871756	SSF x Near_LoA	-10,9398893	-0,003	0,311
CHR6	10875908	CHR6:10875908	SSF x Near_LoA	-8,66607374	0,044	0,305
CHR6	10875983	CHR6:10875983	SSF x Near_LoA	-5,82205128	0,136	0,297
CHR6	10889929	CHR6:10889929	SSF x Near_LoA	-4,41329823	-0,032	0,307
CHR6	10889980	CHR6:10889980	SSF x Near_LoA	-11,713458	-0,027	0,301
CHR6	10890021	CHR6:10890021	SSF x Near_LoA	-11,1968581	-0,016	0,321
CHR6	10892231	CHR6:10892231	SSF x Near_LoA	-5,50194418	0,069	0,302
CHR6	10892308	CHR6:10892308	SSF x Near_LoA	-11,0717401	0,066	0,308
CHR6	10892346	CHR6:10892346	SSF x Near_LoA	-7,30139018	0,000	0,319
CHR6	1089242	CHR6:1089242	SSF x Near_LoA	-11,4869867	0,069	0,298
CHR6	10892443	CHR6:10892443	SSF x Near_LoA	-8,74580468	-0,001	0,305
CHR6	1089292	CHR6:1089292	SSF x Near_LoA	-7,33676131	0,079	0,311
CHR6	1089304	CHR6:1089304	SSF x Near_LoA	-9,31495254	0,075	0,315
CHR6	1089305	CHR6:1089305	SSF x Near_LoA	-7,86044818	0,085	0,309
CHR6	1089413	CHR6:1089413	SSF x Near_LoA	-10,5009078	0,003	0,305
CHR6	10901556	CHR6:10901556	SSF x Near_LoA	-7,96335985	-0,018	0,298
CHR6	10901574	CHR6:10901574	SSF x Near_LoA	-7,9283046	-0,008	0,313
CHR6	10901591	CHR6:10901591	SSF x Near_LoA	-8,51257565	-0,018	0,298
CHR6	10901596	CHR6:10901596	SSF x Near_LoA	-10,7839841	0,001	0,298
CHR6	10901660	CHR6:10901660	SSF x Near_LoA	-9,28689557	-0,010	0,309
CHR6	10912176	CHR6:10912176	SSF x Near_LoA	-9,32342832	-0,106	0,303
CHR6	10912347	CHR6:10912347	SSF x Near_LoA	-10,3255711	-0,012	0,308
CHR6	10939950	CHR6:10939950	SSF x Near_LoA	-4,42966255	-0,030	0,305
CHR6	10939966	CHR6:10939966	SSF x Near_LoA	-7,90170938	-0,039	0,321

CHR6	10940518	CHR6:10940518	SSF x Near_LoA	-9,02128546	-0,083	0,315
CHR6	10940551	CHR6:10940551	SSF x Near_LoA	-8,31970131	0,072	0,313
CHR6	10942020	CHR6:10942020	SSF x Near_LoA	-8,93777034	0,091	0,320
CHR6	10942060	CHR6:10942060	SSF x Near_LoA	-9,30620583	0,122	0,309
CHR6	10942070	CHR6:10942070	SSF x Near_LoA	-9,80507511	0,036	0,305
CHR6	10942086	CHR6:10942086	SSF x Near_LoA	-10,4864613	0,135	0,297
CHR6	1094315	CHR6:1094315	SSF x Near_LoA	-11,8885872	0,052	0,292
CHR6	1094319	CHR6:1094319	SSF x Near_LoA	-11,3013294	0,069	0,301
CHR6	1094347	CHR6:1094347	SSF x Near_LoA	-0,45626831	0,142	0,307
CHR6	10944289	CHR6:10944289	SSF x Near_LoA	-7,8761279	-0,131	0,308
CHR6	10944315	CHR6:10944315	SSF x Near_LoA	-6,750353	-0,076	0,315
CHR6	10954346	CHR6:10954346	SSF x Near_LoA	-8,14771571	-0,155	0,297
CHR6	10954829	CHR6:10954829	SSF x Near_LoA	-9,50580778	0,104	0,301
CHR6	10957113	CHR6:10957113	SSF x Near_LoA	-8,71974402	-0,075	0,291
CHR6	1095872	CHR6:1095872	SSF x Near_LoA	-7,88487021	0,053	0,308
CHR6	1095911	CHR6:1095911	SSF x Near_LoA	-3,60390157	-0,170	0,279
CHR6	10962869	CHR6:10962869	SSF x Near_LoA	-9,39856918	0,018	0,311
CHR6	10962877	CHR6:10962877	SSF x Near_LoA	-8,54677615	0,047	0,317
CHR6	10962955	CHR6:10962955	SSF x Near_LoA	-9,08094166	0,047	0,311
CHR6	10963077	CHR6:10963077	SSF x Near_LoA	-10,0027277	-0,032	0,316
CHR6	10981872	CHR6:10981872	SSF x Near_LoA	-9,47562617	0,098	0,302
CHR6	10983444	CHR6:10983444	SSF x Near_LoA	-9,86885176	0,145	0,317
CHR6	10983478	CHR6:10983478	SSF x Near_LoA	-10,1520449	0,075	0,314
CHR6	10983507	CHR6:10983507	SSF x Near_LoA	-9,57737691	-0,025	0,320
CHR6	10983548	CHR6:10983548	SSF x Near_LoA	-10,5701393	-0,080	0,308
CHR6	10983557	CHR6:10983557	SSF x Near_LoA	-8,91396015	0,110	0,311
CHR6	10983579	CHR6:10983579	SSF x Near_LoA	-10,0101588	0,080	0,309
CHR6	10987316	CHR6:10987316	SSF x Near_LoA	-8,4418565	0,051	0,306
CHR6	11005037	CHR6:11005037	SSF x Near_LoA	-3,703277	0,155	0,310
CHR6	11005131	CHR6:11005131	SSF x Near_LoA	-10,547737	-0,061	0,301
CHR6	11008145	CHR6:11008145	SSF x Near_LoA	-8,37923629	0,119	0,310
CHR6	11008147	CHR6:11008147	SSF x Near_LoA	-7,99534151	-0,128	0,305
CHR6	11008177	CHR6:11008177	SSF x Near_LoA	-10,8558432	0,120	0,301
CHR6	11011203	CHR6:11011203	SSF x Near_LoA	-11,296306	-0,030	0,312
CHR6	11016149	CHR6:11016149	SSF x Near_LoA	-9,57161318	-0,007	0,294
CHR6	11016176	CHR6:11016176	SSF x Near_LoA	-9,31134497	-0,021	0,295
CHR6	11016241	CHR6:11016241	SSF x Near_LoA	-7,63183128	0,048	0,314
CHR6	11016954	CHR6:11016954	SSF x Near_LoA	-7,50086257	0,098	0,308
CHR6	11016992	CHR6:11016992	SSF x Near_LoA	-8,26313288	-0,075	0,301
CHR6	11020734	CHR6:11020734	SSF x Near_LoA	-9,51902404	-0,061	0,315
CHR6	11020736	CHR6:11020736	SSF x Near_LoA	-12,3372599	-0,047	0,313
CHR6	11021447	CHR6:11021447	SSF x Near_LoA	-6,85188801	-0,078	0,317
CHR6	11021454	CHR6:11021454	SSF x Near_LoA	-7,77036797	-0,114	0,299
CHR6	11021560	CHR6:11021560	SSF x Near_LoA	-8,83572675	-0,057	0,309
CHR6	11050107	CHR6:11050107	SSF x Near_LoA	-8,32773231	0,056	0,320
CHR6	11050165	CHR6:11050165	SSF x Near_LoA	-8,93144511	0,016	0,320
CHR6	11050166	CHR6:11050166	SSF x Near_LoA	-8,05513006	0,008	0,328
CHR6	11050168	CHR6:11050168	SSF x Near_LoA	-8,27229335	-0,065	0,303
CHR6	11072264	CHR6:11072264	SSF x Near_LoA	-9,0973737	0,032	0,313
CHR6	1109368	CHR6:1109368	SSF x Near_LoA	-10,4000483	-0,027	0,317
CHR6	1109373	CHR6:1109373	SSF x Near_LoA	-6,15731355	-0,013	0,318
CHR6	11097417	CHR6:11097417	SSF x Near_LoA	-9,37692739	0,008	0,303
CHR6	11097698	CHR6:11097698	SSF x Near_LoA	-8,32209757	0,051	0,309

CHR6	11110565	CHR6:11110565	SSF x Near_LoA	-3,43946917	0,174	0,303
CHR6	11110595	CHR6:11110595	SSF x Near_LoA	-10,9735449	0,125	0,293
CHR6	11110597	CHR6:11110597	SSF x Near_LoA	-11,1577168	0,073	0,294
CHR6	11110642	CHR6:11110642	SSF x Near_LoA	-7,59270094	-0,059	0,303
CHR6	11110715	CHR6:11110715	SSF x Near_LoA	-9,20279144	0,132	0,308
CHR6	11110725	CHR6:11110725	SSF x Near_LoA	-4,85565105	0,036	0,302
CHR6	11110783	CHR6:11110783	SSF x Near_LoA	-7,90659415	0,141	0,310
CHR6	11120911	CHR6:11120911	SSF x Near_LoA	-11,8727042	-0,043	0,304
CHR6	11124096	CHR6:11124096	SSF x Near_LoA	-9,45115458	-0,071	0,292
CHR6	11124112	CHR6:11124112	SSF x Near_LoA	-9,86917102	0,025	0,308
CHR6	11124157	CHR6:11124157	SSF x Near_LoA	-11,3425686	-0,060	0,302
CHR6	11124178	CHR6:11124178	SSF x Near_LoA	-11,037551	-0,053	0,307
CHR6	11131224	CHR6:11131224	SSF x Near_LoA	-9,78261341	0,013	0,290
CHR6	11131424	CHR6:11131424	SSF x Near_LoA	-11,115476	-0,044	0,306
CHR6	11139427	CHR6:11139427	SSF x Near_LoA	-9,16808361	0,065	0,314
CHR6	1113957	CHR6:1113957	SSF x Near_LoA	-6,7996913	0,025	0,318
CHR6	1114076	CHR6:1114076	SSF x Near_LoA	-8,31623874	-0,058	0,318
CHR6	11151299	CHR6:11151299	SSF x Near_LoA	-11,694396	0,029	0,309
CHR6	11168778	CHR6:11168778	SSF x Near_LoA	-9,22557621	0,097	0,298
CHR6	11169261	CHR6:11169261	SSF x Near_LoA	-9,44769222	0,103	0,304
CHR6	11169287	CHR6:11169287	SSF x Near_LoA	-6,57989765	0,128	0,303
CHR6	11169351	CHR6:11169351	SSF x Near_LoA	-5,45899034	-0,133	0,306
CHR6	11174827	CHR6:11174827	SSF x Near_LoA	-9,20767194	-0,045	0,299
CHR6	11176097	CHR6:11176097	SSF x Near_LoA	-9,14101821	0,020	0,307
CHR6	11178249	CHR6:11178249	SSF x Near_LoA	-7,26607883	0,077	0,305
CHR6	11178269	CHR6:11178269	SSF x Near_LoA	-7,31683017	0,113	0,314
CHR6	11178330	CHR6:11178330	SSF x Near_LoA	-5,04472703	-0,010	0,310
CHR6	1118158	CHR6:1118158	SSF x Near_LoA	-8,33183512	-0,005	0,312
CHR6	1118159	CHR6:1118159	SSF x Near_LoA	-8,44864265	-0,001	0,312
CHR6	1118215	CHR6:1118215	SSF x Near_LoA	-7,25794991	0,009	0,315
CHR6	1118288	CHR6:1118288	SSF x Near_LoA	-9,76224491	0,021	0,299
CHR6	1118316	CHR6:1118316	SSF x Near_LoA	-7,48189955	0,077	0,312
CHR6	11202235	CHR6:11202235	SSF x Near_LoA	-8,79335377	-0,008	0,305
CHR6	11202244	CHR6:11202244	SSF x Near_LoA	-6,32959996	0,047	0,318
CHR6	11202247	CHR6:11202247	SSF x Near_LoA	-7,41783004	-0,008	0,309
CHR6	11202281	CHR6:11202281	SSF x Near_LoA	-8,21947405	0,054	0,320
CHR6	11202288	CHR6:11202288	SSF x Near_LoA	-8,64413195	0,060	0,300
CHR6	11202302	CHR6:11202302	SSF x Near_LoA	-9,00379748	0,029	0,313
CHR6	11202309	CHR6:11202309	SSF x Near_LoA	-0,6745531	0,085	0,307
CHR6	11202310	CHR6:11202310	SSF x Near_LoA	-8,64847002	0,056	0,312
CHR6	11202338	CHR6:11202338	SSF x Near_LoA	-9,78940488	-0,089	0,300
CHR6	11202377	CHR6:11202377	SSF x Near_LoA	-9,25826731	-0,054	0,307
CHR6	11202379	CHR6:11202379	SSF x Near_LoA	-9,26712603	-0,057	0,307
CHR6	11202392	CHR6:11202392	SSF x Near_LoA	-9,62787703	-0,079	0,287
CHR6	11202398	CHR6:11202398	SSF x Near_LoA	-6,35590877	-0,080	0,299
CHR6	11202400	CHR6:11202400	SSF x Near_LoA	-10,4246776	-0,094	0,295
CHR6	11202408	CHR6:11202408	SSF x Near_LoA	-8,86148365	-0,097	0,297
CHR6	11202413	CHR6:11202413	SSF x Near_LoA	-7,04264754	-0,050	0,309
CHR6	11202425	CHR6:11202425	SSF x Near_LoA	-9,58908406	-0,072	0,306
CHR6	11202440	CHR6:11202440	SSF x Near_LoA	-9,29412774	-0,055	0,309
CHR6	11202462	CHR6:11202462	SSF x Near_LoA	-9,01392828	-0,036	0,310
CHR6	11226040	CHR6:11226040	SSF x Near_LoA	-9,52119264	-0,040	0,312
CHR6	11226041	CHR6:11226041	SSF x Near_LoA	-10,9565139	-0,086	0,295

CHR6	11226057	CHR6:11226057	SSF x Near_LoA	-8,98804739	-0,044	0,306
CHR6	11226231	CHR6:11226231	SSF x Near_LoA	-5,85381551	-0,148	0,301
CHR6	11226246	CHR6:11226246	SSF x Near_LoA	-10,3817925	-0,152	0,306
CHR6	11230781	CHR6:11230781	SSF x Near_LoA	-9,72985182	0,144	0,295
CHR6	11249839	CHR6:11249839	SSF x Near_LoA	-8,01935504	-0,037	0,306
CHR6	11249842	CHR6:11249842	SSF x Near_LoA	-4,57269655	0,002	0,303
CHR6	11249877	CHR6:11249877	SSF x Near_LoA	-10,7162046	0,030	0,310
CHR6	11249914	CHR6:11249914	SSF x Near_LoA	-9,82070021	0,119	0,308
CHR6	11256871	CHR6:11256871	SSF x Near_LoA	-10,7175512	-0,035	0,309
CHR6	11259426	CHR6:11259426	SSF x Near_LoA	-8,12103946	-0,010	0,316
CHR6	11259463	CHR6:11259463	SSF x Near_LoA	-11,1594423	-0,032	0,318
CHR6	11265953	CHR6:11265953	SSF x Near_LoA	-10,778098	0,039	0,300
CHR6	11265964	CHR6:11265964	SSF x Near_LoA	-7,97673679	0,042	0,301
CHR6	11265971	CHR6:11265971	SSF x Near_LoA	-8,7497382	0,026	0,322
CHR6	11266021	CHR6:11266021	SSF x Near_LoA	-8,1614287	-0,039	0,307
CHR6	1126664	CHR6:1126664	SSF x Near_LoA	-10,1857703	0,038	0,320
CHR6	11276167	CHR6:11276167	SSF x Near_LoA	-8,12040884	0,104	0,309
CHR6	11276206	CHR6:11276206	SSF x Near_LoA	-10,7415068	-0,100	0,309
CHR6	11280037	CHR6:11280037	SSF x Near_LoA	-9,95941092	0,024	0,309
CHR6	11288136	CHR6:11288136	SSF x Near_LoA	-8,34858387	0,042	0,309
CHR6	11288336	CHR6:11288336	SSF x Near_LoA	-7,27517654	-0,083	0,318
CHR6	11296558	CHR6:11296558	SSF x Near_LoA	-8,40491364	0,113	0,323
CHR6	11296738	CHR6:11296738	SSF x Near_LoA	-12,0779499	-0,009	0,304
CHR6	11296749	CHR6:11296749	SSF x Near_LoA	-8,02305898	0,075	0,310
CHR6	11296754	CHR6:11296754	SSF x Near_LoA	-10,5468694	0,011	0,302
CHR6	11304737	CHR6:11304737	SSF x Near_LoA	-11,2096402	0,009	0,313
CHR6	11304776	CHR6:11304776	SSF x Near_LoA	-9,45940282	0,080	0,323
CHR6	11304792	CHR6:11304792	SSF x Near_LoA	-10,7617186	0,068	0,308
CHR6	11304855	CHR6:11304855	SSF x Near_LoA	-9,83650239	-0,021	0,317
CHR6	11304893	CHR6:11304893	SSF x Near_LoA	-4,32398654	0,101	0,307
CHR6	11320137	CHR6:11320137	SSF x Near_LoA	-7,9062982	-0,030	0,311
CHR6	11320151	CHR6:11320151	SSF x Near_LoA	-12,2583376	-0,027	0,297
CHR6	11320225	CHR6:11320225	SSF x Near_LoA	-9,19865717	-0,063	0,317
CHR6	11320230	CHR6:11320230	SSF x Near_LoA	-8,55595493	0,040	0,305
CHR6	11320237	CHR6:11320237	SSF x Near_LoA	-9,34140116	0,054	0,306
CHR6	11328201	CHR6:11328201	SSF x Near_LoA	-10,0473149	-0,111	0,314
CHR6	11331660	CHR6:11331660	SSF x Near_LoA	-4,33355426	0,057	0,320
CHR6	11331697	CHR6:11331697	SSF x Near_LoA	-9,82351879	-0,010	0,319
CHR6	11331706	CHR6:11331706	SSF x Near_LoA	-9,24297135	-0,143	0,308
CHR6	11332773	CHR6:11332773	SSF x Near_LoA	-8,38459953	-0,043	0,320
CHR6	11332822	CHR6:11332822	SSF x Near_LoA	-11,9938887	-0,070	0,296
CHR6	11358744	CHR6:11358744	SSF x Near_LoA	-7,97148138	0,077	0,315
CHR6	11358946	CHR6:11358946	SSF x Near_LoA	-11,6110109	0,010	0,307
CHR6	11358981	CHR6:11358981	SSF x Near_LoA	-11,0088536	0,069	0,307
CHR6	11375833	CHR6:11375833	SSF x Near_LoA	-8,6907142	0,091	0,303
CHR6	11375926	CHR6:11375926	SSF x Near_LoA	-8,70370002	0,044	0,309
CHR6	11375973	CHR6:11375973	SSF x Near_LoA	-7,87395919	0,136	0,307
CHR6	1138883	CHR6:1138883	SSF x Near_LoA	-10,5347871	-0,067	0,296
CHR6	1138918	CHR6:1138918	SSF x Near_LoA	-11,4773511	-0,006	0,308
CHR6	1138927	CHR6:1138927	SSF x Near_LoA	-11,0956449	0,062	0,299
CHR6	11398501	CHR6:11398501	SSF x Near_LoA	-8,95301197	-0,031	0,308
CHR6	11398531	CHR6:11398531	SSF x Near_LoA	-7,66605016	0,115	0,318
CHR6	11407451	CHR6:11407451	SSF x Near_LoA	-2,2565806	0,057	0,309

CHR6	11427400	CHR6:11427400	SSF x Near_LoA	-8,2161253	-0,054	0,320
CHR6	11427579	CHR6:11427579	SSF x Near_LoA	-10,5082901	-0,039	0,306
CHR6	11445830	CHR6:11445830	SSF x Near_LoA	-7,95932674	0,143	0,302
CHR6	11445880	CHR6:11445880	SSF x Near_LoA	-4,6577841	0,138	0,300
CHR6	11445929	CHR6:11445929	SSF x Near_LoA	-5,20425219	0,155	0,305
CHR6	11445932	CHR6:11445932	SSF x Near_LoA	-5,75956275	0,151	0,297
CHR6	11445948	CHR6:11445948	SSF x Near_LoA	-10,9577667	-0,023	0,306
CHR6	11445958	CHR6:11445958	SSF x Near_LoA	-7,69051309	-0,124	0,306
CHR6	11446953	CHR6:11446953	SSF x Near_LoA	-9,06815154	0,015	0,311
CHR6	11456797	CHR6:11456797	SSF x Near_LoA	-9,60515814	0,041	0,270
CHR6	11456875	CHR6:11456875	SSF x Near_LoA	-8,78181768	0,049	0,297
CHR6	11456918	CHR6:11456918	SSF x Near_LoA	-8,53067511	-0,059	0,296
CHR6	11456940	CHR6:11456940	SSF x Near_LoA	-8,02700468	0,027	0,298
CHR6	11456947	CHR6:11456947	SSF x Near_LoA	-7,74991278	-0,086	0,306
CHR6	11456993	CHR6:11456993	SSF x Near_LoA	-8,48586174	0,118	0,297
CHR6	11457009	CHR6:11457009	SSF x Near_LoA	-9,22308617	0,121	0,307
CHR6	11457021	CHR6:11457021	SSF x Near_LoA	-10,2543464	0,101	0,293
CHR6	11457044	CHR6:11457044	SSF x Near_LoA	-9,03363109	0,063	0,301
CHR6	114720	CHR6:114720	SSF x Near_LoA	-11,1422896	-0,113	0,302
CHR6	114734	CHR6:114734	SSF x Near_LoA	-11,4799428	-0,089	0,298
CHR6	114859	CHR6:114859	SSF x Near_LoA	-7,58996435	-0,129	0,300
CHR6	11488228	CHR6:11488228	SSF x Near_LoA	-6,30437716	0,139	0,302
CHR6	1149099	CHR6:1149099	SSF x Near_LoA	-9,42555258	-0,009	0,302
CHR6	11505538	CHR6:11505538	SSF x Near_LoA	-9,27296436	-0,047	0,317
CHR6	11520896	CHR6:11520896	SSF x Near_LoA	-8,05211671	-0,098	0,305
CHR6	11521046	CHR6:11521046	SSF x Near_LoA	-9,80743027	0,048	0,299
CHR6	11523440	CHR6:11523440	SSF x Near_LoA	-8,517675	-0,052	0,303
CHR6	11523453	CHR6:11523453	SSF x Near_LoA	-9,12009033	-0,032	0,301
CHR6	1153991	CHR6:1153991	SSF x Near_LoA	-10,055449	-0,096	0,321
CHR6	1154032	CHR6:1154032	SSF x Near_LoA	-9,27597694	-0,043	0,314
CHR6	1154044	CHR6:1154044	SSF x Near_LoA	-10,4375032	-0,055	0,312
CHR6	1154059	CHR6:1154059	SSF x Near_LoA	-11,1618161	-0,040	0,304
CHR6	1154062	CHR6:1154062	SSF x Near_LoA	-7,89825204	-0,038	0,300
CHR6	11542882	CHR6:11542882	SSF x Near_LoA	-7,84452949	-0,105	0,292
CHR6	11542888	CHR6:11542888	SSF x Near_LoA	-6,46274538	0,013	0,319
CHR6	11542915	CHR6:11542915	SSF x Near_LoA	-8,13028653	0,125	0,284
CHR6	11542943	CHR6:11542943	SSF x Near_LoA	-8,34999695	0,169	0,290
CHR6	11542948	CHR6:11542948	SSF x Near_LoA	-9,6709411	0,135	0,297
CHR6	11542968	CHR6:11542968	SSF x Near_LoA	-8,21814496	0,073	0,323
CHR6	11542996	CHR6:11542996	SSF x Near_LoA	-7,21278807	0,114	0,305
CHR6	11542997	CHR6:11542997	SSF x Near_LoA	-10,51556	0,055	0,290
CHR6	11543078	CHR6:11543078	SSF x Near_LoA	-9,97089544	0,041	0,288
CHR6	11543091	CHR6:11543091	SSF x Near_LoA	-9,79445573	0,110	0,301
CHR6	11543101	CHR6:11543101	SSF x Near_LoA	-10,1285683	0,077	0,299
CHR6	11552598	CHR6:11552598	SSF x Near_LoA	-9,51892685	0,069	0,310
CHR6	11552664	CHR6:11552664	SSF x Near_LoA	-8,47573175	-0,009	0,300
CHR6	11552681	CHR6:11552681	SSF x Near_LoA	-10,8290278	-0,032	0,309
CHR6	11552757	CHR6:11552757	SSF x Near_LoA	-6,69582766	0,187	0,283
CHR6	11552766	CHR6:11552766	SSF x Near_LoA	-8,46857554	-0,108	0,303
CHR6	11552770	CHR6:11552770	SSF x Near_LoA	-8,76156028	-0,041	0,309
CHR6	11568401	CHR6:11568401	SSF x Near_LoA	-9,53547438	0,082	0,313
CHR6	11568446	CHR6:11568446	SSF x Near_LoA	-10,794711	-0,048	0,306
CHR6	11568471	CHR6:11568471	SSF x Near_LoA	-11,5818197	-0,025	0,296

CHR6	11568484	CHR6:11568484	SSF x Near_LoA	-9,93477806	0,002	0,307
CHR6	11568487	CHR6:11568487	SSF x Near_LoA	-10,9340447	-0,039	0,295
CHR6	11568498	CHR6:11568498	SSF x Near_LoA	-9,72434298	-0,020	0,304
CHR6	11591643	CHR6:11591643	SSF x Near_LoA	-9,07084808	-0,002	0,311
CHR6	11591722	CHR6:11591722	SSF x Near_LoA	-10,1379267	-0,020	0,309
CHR6	11591725	CHR6:11591725	SSF x Near_LoA	-8,75707867	-0,094	0,317
CHR6	11591823	CHR6:11591823	SSF x Near_LoA	-11,2579278	0,055	0,308
CHR6	11591824	CHR6:11591824	SSF x Near_LoA	-9,96859355	0,000	0,316
CHR6	11591861	CHR6:11591861	SSF x Near_LoA	-9,51511429	0,084	0,312
CHR6	11591862	CHR6:11591862	SSF x Near_LoA	-8,68739379	-0,055	0,299
CHR6	11595273	CHR6:11595273	SSF x Near_LoA	-7,294	0,037	0,309
CHR6	11595307	CHR6:11595307	SSF x Near_LoA	-6,69302904	-0,070	0,309
CHR6	11595357	CHR6:11595357	SSF x Near_LoA	-6,33694874	-0,009	0,300
CHR6	11595361	CHR6:11595361	SSF x Near_LoA	6,34777781	-0,023	0,308
CHR6	11595377	CHR6:11595377	SSF x Near_LoA	-8,6084993	-0,152	0,304
CHR6	11595379	CHR6:11595379	SSF x Near_LoA	-8,5219558	-0,052	0,305
CHR6	11595392	CHR6:11595392	SSF x Near_LoA	-9,52517846	-0,079	0,319
CHR6	11595404	CHR6:11595404	SSF x Near_LoA	-7,43186258	0,153	0,297
CHR6	11595425	CHR6:11595425	SSF x Near_LoA	-11,8532692	-0,003	0,301
CHR6	11599157	CHR6:11599157	SSF x Near_LoA	-8,88387272	-0,040	0,325
CHR6	11599170	CHR6:11599170	SSF x Near_LoA	-9,52860954	-0,035	0,316
CHR6	11599177	CHR6:11599177	SSF x Near_LoA	-8,81735952	-0,077	0,310
CHR6	11599185	CHR6:11599185	SSF x Near_LoA	-10,5729725	0,035	0,321
CHR6	11605190	CHR6:11605190	SSF x Near_LoA	-7,97679384	0,035	0,304
CHR6	11606446	CHR6:11606446	SSF x Near_LoA	-9,33452345	-0,037	0,307
CHR6	11612338	CHR6:11612338	SSF x Near_LoA	-8,73082722	-0,049	0,298
CHR6	11626571	CHR6:11626571	SSF x Near_LoA	-11,1620464	-0,007	0,296
CHR6	11632635	CHR6:11632635	SSF x Near_LoA	-11,3899904	-0,026	0,314
CHR6	11635130	CHR6:11635130	SSF x Near_LoA	-10,6108796	0,025	0,305
CHR6	11640975	CHR6:11640975	SSF x Near_LoA	-7,76234861	-0,113	0,314
CHR6	11641075	CHR6:11641075	SSF x Near_LoA	-10,7353354	0,002	0,313
CHR6	11641082	CHR6:11641082	SSF x Near_LoA	-10,8714795	-0,056	0,313
CHR6	11641088	CHR6:11641088	SSF x Near_LoA	-10,5785152	-0,040	0,302
CHR6	11641124	CHR6:11641124	SSF x Near_LoA	-11,9173159	0,093	0,299
CHR6	11645399	CHR6:11645399	SSF x Near_LoA	-5,67823454	0,035	0,302
CHR6	11645437	CHR6:11645437	SSF x Near_LoA	-8,07643289	0,030	0,312
CHR6	11645453	CHR6:11645453	SSF x Near_LoA	-7,71431877	-0,064	0,296
CHR6	11645562	CHR6:11645562	SSF x Near_LoA	-11,0433747	-0,025	0,313
CHR6	11645575	CHR6:11645575	SSF x Near_LoA	-7,31909115	-0,124	0,304
CHR6	11645597	CHR6:11645597	SSF x Near_LoA	-7,55084418	-0,110	0,312
CHR6	11659531	CHR6:11659531	SSF x Near_LoA	-6,01447802	0,042	0,313
CHR6	11664701	CHR6:11664701	SSF x Near_LoA	-7,04316085	-0,101	0,294
CHR6	11666562	CHR6:11666562	SSF x Near_LoA	-9,10177175	0,060	0,300
CHR6	11666602	CHR6:11666602	SSF x Near_LoA	-8,49595604	-0,085	0,320
CHR6	11666688	CHR6:11666688	SSF x Near_LoA	-9,81538984	0,068	0,314
CHR6	11666747	CHR6:11666747	SSF x Near_LoA	-9,12547446	-0,031	0,301
CHR6	11666792	CHR6:11666792	SSF x Near_LoA	-8,93915159	0,120	0,296
CHR6	11673674	CHR6:11673674	SSF x Near_LoA	-10,3240602	-0,101	0,303
CHR6	11679219	CHR6:11679219	SSF x Near_LoA	-5,80249201	-0,082	0,315
CHR6	11679292	CHR6:11679292	SSF x Near_LoA	-9,03831671	0,150	0,307
CHR6	11682632	CHR6:11682632	SSF x Near_LoA	-8,68019964	-0,065	0,309
CHR6	11682667	CHR6:11682667	SSF x Near_LoA	-10,3823513	0,018	0,318
CHR6	11682727	CHR6:11682727	SSF x Near_LoA	-9,83170348	-0,059	0,311

CHR6	11682855	CHR6:11682855	SSF x Near_LoA	-8,67977241	0,058	0,302
CHR6	11682873	CHR6:11682873	SSF x Near_LoA	-9,34418566	0,058	0,299
CHR6	11686460	CHR6:11686460	SSF x Near_LoA	-3,2409973	0,116	0,319
CHR6	11686535	CHR6:11686535	SSF x Near_LoA	-10,2237771	0,127	0,301
CHR6	11695237	CHR6:11695237	SSF x Near_LoA	-11,0277321	0,072	0,309
CHR6	11695299	CHR6:11695299	SSF x Near_LoA	-11,2415268	0,052	0,293
CHR6	11705139	CHR6:11705139	SSF x Near_LoA	-8,75241844	0,037	0,319
CHR6	11705158	CHR6:11705158	SSF x Near_LoA	-9,94401738	0,038	0,317
CHR6	11720514	CHR6:11720514	SSF x Near_LoA	-12,0935433	-0,045	0,295
CHR6	11720572	CHR6:11720572	SSF x Near_LoA	-9,97646062	0,004	0,306
CHR6	11720577	CHR6:11720577	SSF x Near_LoA	-10,4687446	-0,043	0,303
CHR6	11720585	CHR6:11720585	SSF x Near_LoA	-9,19073632	0,070	0,300
CHR6	11720677	CHR6:11720677	SSF x Near_LoA	-8,67857127	0,047	0,324
CHR6	11720729	CHR6:11720729	SSF x Near_LoA	-9,15323321	0,017	0,307
CHR6	11729778	CHR6:11729778	SSF x Near_LoA	-8,26914463	0,060	0,299
CHR6	11736998	CHR6:11736998	SSF x Near_LoA	-9,45843609	-0,061	0,315
CHR6	11737019	CHR6:11737019	SSF x Near_LoA	-8,81631763	-0,039	0,320
CHR6	11737049	CHR6:11737049	SSF x Near_LoA	-10,2608728	-0,089	0,305
CHR6	11737081	CHR6:11737081	SSF x Near_LoA	-10,3996349	0,035	0,298
CHR6	11737584	CHR6:11737584	SSF x Near_LoA	-7,86430764	0,085	0,299
CHR6	11737597	CHR6:11737597	SSF x Near_LoA	-9,75382731	0,069	0,310
CHR6	11754833	CHR6:11754833	SSF x Near_LoA	-8,47047635	-0,029	0,316
CHR6	11754871	CHR6:11754871	SSF x Near_LoA	-6,70665953	0,145	0,292
CHR6	11754930	CHR6:11754930	SSF x Near_LoA	-7,42109441	0,149	0,295
CHR6	11754931	CHR6:11754931	SSF x Near_LoA	-10,2674921	0,041	0,296
CHR6	11754944	CHR6:11754944	SSF x Near_LoA	-6,2123984	0,124	0,293
CHR6	11754959	CHR6:11754959	SSF x Near_LoA	-9,99717982	0,068	0,303
CHR6	11756937	CHR6:11756937	SSF x Near_LoA	-8,04927612	0,186	0,284
CHR6	11757037	CHR6:11757037	SSF x Near_LoA	-9,02394995	0,063	0,315
CHR6	11760669	CHR6:11760669	SSF x Near_LoA	-9,42290475	0,053	0,309
CHR6	11762305	CHR6:11762305	SSF x Near_LoA	-11,2728099	0,081	0,306
CHR6	11763805	CHR6:11763805	SSF x Near_LoA	-8,41472044	-0,027	0,322
CHR6	11787617	CHR6:11787617	SSF x Near_LoA	-8,96409972	0,071	0,302
CHR6	11787618	CHR6:11787618	SSF x Near_LoA	-11,6129625	-0,027	0,295
CHR6	11787727	CHR6:11787727	SSF x Near_LoA	-9,77850021	-0,039	0,316
CHR6	11787754	CHR6:11787754	SSF x Near_LoA	-0,8562892	0,039	0,295
CHR6	11797571	CHR6:11797571	SSF x Near_LoA	-8,97468629	-0,143	0,299
CHR6	11797604	CHR6:11797604	SSF x Near_LoA	-11,6513817	0,002	0,302
CHR6	11797656	CHR6:11797656	SSF x Near_LoA	-8,72010297	0,102	0,289
CHR6	11797661	CHR6:11797661	SSF x Near_LoA	-9,63078409	-0,074	0,311
CHR6	11797712	CHR6:11797712	SSF x Near_LoA	-11,1951491	-0,029	0,290
CHR6	11797734	CHR6:11797734	SSF x Near_LoA	-11,2066571	0,004	0,305
CHR6	11797745	CHR6:11797745	SSF x Near_LoA	-8,33673455	0,126	0,305
CHR6	11797760	CHR6:11797760	SSF x Near_LoA	-7,58143681	0,111	0,306
CHR6	11797771	CHR6:11797771	SSF x Near_LoA	-8,43519115	-0,103	0,298
CHR6	118013	CHR6:118013	SSF x Near_LoA	-10,446013	-0,004	0,312
CHR6	118016	CHR6:118016	SSF x Near_LoA	-3,75223073	-0,026	0,292
CHR6	11802914	CHR6:11802914	SSF x Near_LoA	-10,5817804	0,001	0,289
CHR6	11802931	CHR6:11802931	SSF x Near_LoA	-9,87436416	-0,130	0,310
CHR6	11802934	CHR6:11802934	SSF x Near_LoA	-9,83580781	-0,016	0,308
CHR6	118038	CHR6:118038	SSF x Near_LoA	-8,79707545	-0,024	0,302
CHR6	11812448	CHR6:11812448	SSF x Near_LoA	-9,49369459	0,081	0,299
CHR6	11812494	CHR6:11812494	SSF x Near_LoA	-11,4174741	-0,043	0,288

CHR6	11812508	CHR6:11812508	SSF x Near_LoA	-12,2010882	-0,035	0,293
CHR6	11819972	CHR6:11819972	SSF x Near_LoA	-8,24795105	0,186	0,293
CHR6	11819997	CHR6:11819997	SSF x Near_LoA	-1,00446643	0,056	0,294
CHR6	11827517	CHR6:11827517	SSF x Near_LoA	-11,6282404	-0,036	0,312
CHR6	11831061	CHR6:11831061	SSF x Near_LoA	-9,63343555	0,006	0,298
CHR6	11831087	CHR6:11831087	SSF x Near_LoA	-9,12002859	0,149	0,305
CHR6	11831101	CHR6:11831101	SSF x Near_LoA	-9,06090446	0,157	0,293
CHR6	11833242	CHR6:11833242	SSF x Near_LoA	-8,22983944	0,208	0,297
CHR6	11833261	CHR6:11833261	SSF x Near_LoA	-9,5491121	-0,130	0,299
CHR6	11833288	CHR6:11833288	SSF x Near_LoA	-7,58412256	-0,143	0,303
CHR6	11833309	CHR6:11833309	SSF x Near_LoA	-9,65823455	0,049	0,310
CHR6	11833325	CHR6:11833325	SSF x Near_LoA	-10,7915186	0,108	0,288
CHR6	11833377	CHR6:11833377	SSF x Near_LoA	-4,05789828	0,173	0,297
CHR6	11833393	CHR6:11833393	SSF x Near_LoA	-8,55544914	0,007	0,326
CHR6	11833427	CHR6:11833427	SSF x Near_LoA	-10,7040252	-0,085	0,313
CHR6	11833443	CHR6:11833443	SSF x Near_LoA	-5,56147239	-0,108	0,317
CHR6	11833462	CHR6:11833462	SSF x Near_LoA	-7,8027534	-0,110	0,299
CHR6	11833465	CHR6:11833465	SSF x Near_LoA	-5,51900906	0,185	0,287
CHR6	11838309	CHR6:11838309	SSF x Near_LoA	-9,17316536	0,015	0,309
CHR6	11840730	CHR6:11840730	SSF x Near_LoA	-9,02237396	-0,046	0,318
CHR6	11849386	CHR6:11849386	SSF x Near_LoA	-8,27000084	-0,111	0,301
CHR6	11849395	CHR6:11849395	SSF x Near_LoA	-1,18176478	-0,144	0,315
CHR6	11849397	CHR6:11849397	SSF x Near_LoA	-7,10076933	-0,131	0,306
CHR6	11853879	CHR6:11853879	SSF x Near_LoA	-10,650804	-0,022	0,325
CHR6	11853922	CHR6:11853922	SSF x Near_LoA	-9,955295	-0,075	0,313
CHR6	11854053	CHR6:11854053	SSF x Near_LoA	-10,9461956	-0,115	0,313
CHR6	11859296	CHR6:11859296	SSF x Near_LoA	-8,73258344	-0,012	0,328
CHR6	11859297	CHR6:11859297	SSF x Near_LoA	-8,56071078	0,098	0,301
CHR6	11859314	CHR6:11859314	SSF x Near_LoA	-6,9674785	-0,113	0,309
CHR6	11859329	CHR6:11859329	SSF x Near_LoA	-8,18881994	-0,011	0,308
CHR6	11859379	CHR6:11859379	SSF x Near_LoA	-6,1681892	-0,150	0,306
CHR6	11860093	CHR6:11860093	SSF x Near_LoA	-8,99123051	0,034	0,314
CHR6	11862703	CHR6:11862703	SSF x Near_LoA	-8,24102565	0,050	0,311
CHR6	11862744	CHR6:11862744	SSF x Near_LoA	-8,23538589	0,093	0,316
CHR6	11862771	CHR6:11862771	SSF x Near_LoA	-4,1658786	0,093	0,313
CHR6	11867851	CHR6:11867851	SSF x Near_LoA	-8,21310758	-0,166	0,312
CHR6	11870743	CHR6:11870743	SSF x Near_LoA	-8,45995534	0,070	0,295
CHR6	11870820	CHR6:11870820	SSF x Near_LoA	-11,055035	0,095	0,295
CHR6	11870849	CHR6:11870849	SSF x Near_LoA	-9,24818274	0,070	0,313
CHR6	11892501	CHR6:11892501	SSF x Near_LoA	-8,94345449	0,092	0,313
CHR6	11892572	CHR6:11892572	SSF x Near_LoA	-8,30577062	0,124	0,301
CHR6	11896592	CHR6:11896592	SSF x Near_LoA	-8,85141767	0,033	0,323
CHR6	11896637	CHR6:11896637	SSF x Near_LoA	-4,09202689	0,124	0,301
CHR6	11896643	CHR6:11896643	SSF x Near_LoA	-10,2727345	-0,029	0,315
CHR6	11898194	CHR6:11898194	SSF x Near_LoA	-10,1648143	0,014	0,303
CHR6	11898203	CHR6:11898203	SSF x Near_LoA	-11,0564064	0,044	0,306
CHR6	11898211	CHR6:11898211	SSF x Near_LoA	-11,2477476	0,058	0,309
CHR6	11900443	CHR6:11900443	SSF x Near_LoA	-9,6918837	0,003	0,312
CHR6	11900447	CHR6:11900447	SSF x Near_LoA	-9,55222645	-0,014	0,305
CHR6	11900469	CHR6:11900469	SSF x Near_LoA	-7,65121137	-0,015	0,318
CHR6	11912401	CHR6:11912401	SSF x Near_LoA	-8,85858558	-0,004	0,312
CHR6	11912402	CHR6:11912402	SSF x Near_LoA	-8,53614101	0,020	0,318
CHR6	11912418	CHR6:11912418	SSF x Near_LoA	-9,84220272	0,024	0,303

CHR6	11912489	CHR6:11912489	SSF x Near_LoA	-10,5688629	0,000	0,300
CHR6	11912549	CHR6:11912549	SSF x Near_LoA	-9,62127763	-0,004	0,295
CHR6	11929940	CHR6:11929940	SSF x Near_LoA	-6,66650159	0,144	0,308
CHR6	11929951	CHR6:11929951	SSF x Near_LoA	-8,26194913	0,146	0,310
CHR6	11929959	CHR6:11929959	SSF x Near_LoA	-8,78243891	0,126	0,303
CHR6	11929997	CHR6:11929997	SSF x Near_LoA	-11,2386529	0,037	0,311
CHR6	11932088	CHR6:11932088	SSF x Near_LoA	-9,28412293	-0,095	0,312
CHR6	11934419	CHR6:11934419	SSF x Near_LoA	-8,45309002	-0,046	0,326
CHR6	11934429	CHR6:11934429	SSF x Near_LoA	-9,08460796	-0,062	0,312
CHR6	11934455	CHR6:11934455	SSF x Near_LoA	-8,15548608	0,053	0,330
CHR6	11934484	CHR6:11934484	SSF x Near_LoA	-10,8029422	-0,047	0,302
CHR6	11934490	CHR6:11934490	SSF x Near_LoA	-9,51125347	-0,031	0,315
CHR6	11934493	CHR6:11934493	SSF x Near_LoA	-8,2852936	0,059	0,311
CHR6	11934501	CHR6:11934501	SSF x Near_LoA	-11,062431	0,011	0,298
CHR6	11934505	CHR6:11934505	SSF x Near_LoA	-9,37093365	0,073	0,305
CHR6	11934523	CHR6:11934523	SSF x Near_LoA	-7,44231514	-0,054	0,320
CHR6	11934547	CHR6:11934547	SSF x Near_LoA	-8,54802745	0,009	0,319
CHR6	11934555	CHR6:11934555	SSF x Near_LoA	-9,2946063	-0,066	0,303
CHR6	11934563	CHR6:11934563	SSF x Near_LoA	-9,71155244	-0,016	0,308
CHR6	11934566	CHR6:11934566	SSF x Near_LoA	-9,9414229	0,041	0,312
CHR6	11934627	CHR6:11934627	SSF x Near_LoA	-11,4245562	-0,022	0,309
CHR6	11938004	CHR6:11938004	SSF x Near_LoA	-9,63704053	0,025	0,309
CHR6	11938028	CHR6:11938028	SSF x Near_LoA	-8,78226282	0,027	0,297
CHR6	11938114	CHR6:11938114	SSF x Near_LoA	-12,0930265	-0,058	0,293
CHR6	11944991	CHR6:11944991	SSF x Near_LoA	-8,60849475	0,066	0,309
CHR6	11945069	CHR6:11945069	SSF x Near_LoA	-9,30586586	0,015	0,305
CHR6	11945089	CHR6:11945089	SSF x Near_LoA	-6,77186243	0,038	0,315
CHR6	11950248	CHR6:11950248	SSF x Near_LoA	-11,3726457	0,004	0,316
CHR6	11950269	CHR6:11950269	SSF x Near_LoA	2,97041088	0,012	0,311
CHR6	11950273	CHR6:11950273	SSF x Near_LoA	-6,90225698	0,018	0,308
CHR6	11950322	CHR6:11950322	SSF x Near_LoA	-8,02504507	0,082	0,305
CHR6	11950364	CHR6:11950364	SSF x Near_LoA	-9,93497348	0,042	0,320
CHR6	11950382	CHR6:11950382	SSF x Near_LoA	-10,6629044	0,086	0,312
CHR6	11950399	CHR6:11950399	SSF x Near_LoA	-10,7964809	0,080	0,305
CHR6	11950441	CHR6:11950441	SSF x Near_LoA	-7,9929555	-0,017	0,315
CHR6	11950442	CHR6:11950442	SSF x Near_LoA	-8,54094932	-0,024	0,302
CHR6	11950443	CHR6:11950443	SSF x Near_LoA	-7,46089654	-0,043	0,319
CHR6	11957446	CHR6:11957446	SSF x Near_LoA	-11,1911102	0,054	0,310
CHR6	11957483	CHR6:11957483	SSF x Near_LoA	-10,4527146	-0,003	0,314
CHR6	11957484	CHR6:11957484	SSF x Near_LoA	-11,2736564	-0,014	0,301
CHR6	11957517	CHR6:11957517	SSF x Near_LoA	-9,44354239	0,067	0,303
CHR6	11957541	CHR6:11957541	SSF x Near_LoA	-7,98681256	-0,159	0,303
CHR6	11957597	CHR6:11957597	SSF x Near_LoA	-7,00233089	-0,084	0,303
CHR6	11957605	CHR6:11957605	SSF x Near_LoA	-9,07019788	0,078	0,302
CHR6	11957608	CHR6:11957608	SSF x Near_LoA	-7,39847324	-0,061	0,302
CHR6	11957614	CHR6:11957614	SSF x Near_LoA	-7,51176798	-0,078	0,287
CHR6	11957629	CHR6:11957629	SSF x Near_LoA	-10,0949249	-0,115	0,297
CHR6	11957638	CHR6:11957638	SSF x Near_LoA	-8,18707469	0,065	0,284
CHR6	11957640	CHR6:11957640	SSF x Near_LoA	-4,8425446	0,113	0,290
CHR6	11960306	CHR6:11960306	SSF x Near_LoA	-7,08145981	0,113	0,320
CHR6	11960323	CHR6:11960323	SSF x Near_LoA	-9,3276831	-0,026	0,311
CHR6	11960328	CHR6:11960328	SSF x Near_LoA	-4,8646881	0,097	0,316
CHR6	11989746	CHR6:11989746	SSF x Near_LoA	-6,14830701	-0,221	0,305

CHR6	11995018	CHR6:11995018	SSF x Near_LoA	-8,30037187	-0,005	0,326
CHR6	11995113	CHR6:11995113	SSF x Near_LoA	-11,9724377	0,013	0,301
CHR6	11995144	CHR6:11995144	SSF x Near_LoA	-10,2637888	-0,017	0,298
CHR6	12011778	CHR6:12011778	SSF x Near_LoA	-7,74051209	0,068	0,320
CHR6	12011920	CHR6:12011920	SSF x Near_LoA	-10,2128236	-0,024	0,307
CHR6	12014188	CHR6:12014188	SSF x Near_LoA	-8,26437349	0,027	0,324
CHR6	12020526	CHR6:12020526	SSF x Near_LoA	-10,8214841	-0,005	0,310
CHR6	12024230	CHR6:12024230	SSF x Near_LoA	-11,4896206	0,035	0,316
CHR6	12041362	CHR6:12041362	SSF x Near_LoA	-9,14220981	-0,066	0,312
CHR6	12046948	CHR6:12046948	SSF x Near_LoA	-4,40005889	-0,163	0,304
CHR6	12047036	CHR6:12047036	SSF x Near_LoA	-9,51121127	0,064	0,289
CHR6	12047044	CHR6:12047044	SSF x Near_LoA	-9,46214339	0,049	0,299
CHR6	12048194	CHR6:12048194	SSF x Near_LoA	-8,49838584	0,038	0,321
CHR6	12050774	CHR6:12050774	SSF x Near_LoA	-9,00232029	-0,019	0,292
CHR6	12050781	CHR6:12050781	SSF x Near_LoA	-8,1078182	-0,169	0,307
CHR6	12050934	CHR6:12050934	SSF x Near_LoA	-10,4313253	-0,027	0,305
CHR6	12050969	CHR6:12050969	SSF x Near_LoA	-9,42768055	0,145	0,298
CHR6	12058539	CHR6:12058539	SSF x Near_LoA	-11,1568628	0,030	0,311
CHR6	12058577	CHR6:12058577	SSF x Near_LoA	-7,12275669	-0,005	0,312
CHR6	12067376	CHR6:12067376	SSF x Near_LoA	-8,44951204	-0,140	0,303
CHR6	12067439	CHR6:12067439	SSF x Near_LoA	-10,7343767	-0,115	0,308
CHR6	12070914	CHR6:12070914	SSF x Near_LoA	-6,99738919	-0,080	0,317
CHR6	12071081	CHR6:12071081	SSF x Near_LoA	-8,33079715	0,064	0,312
CHR6	12071106	CHR6:12071106	SSF x Near_LoA	-11,7090294	-0,008	0,307
CHR6	12071126	CHR6:12071126	SSF x Near_LoA	-8,334902	0,042	0,308
CHR6	12071164	CHR6:12071164	SSF x Near_LoA	-8,06941919	-0,039	0,317
CHR6	12072745	CHR6:12072745	SSF x Near_LoA	-6,58611602	-0,177	0,289
CHR6	12072762	CHR6:12072762	SSF x Near_LoA	-6,32744713	0,079	0,316
CHR6	12072860	CHR6:12072860	SSF x Near_LoA	-3,86617356	-0,010	0,309
CHR6	12072911	CHR6:12072911	SSF x Near_LoA	-9,53376653	-0,007	0,309
CHR6	12075159	CHR6:12075159	SSF x Near_LoA	-9,88926389	0,000	0,318
CHR6	12075160	CHR6:12075160	SSF x Near_LoA	-11,5839041	0,030	0,310
CHR6	12075223	CHR6:12075223	SSF x Near_LoA	-7,57886443	0,014	0,311
CHR6	12075355	CHR6:12075355	SSF x Near_LoA	-10,5699431	0,121	0,291
CHR6	12075371	CHR6:12075371	SSF x Near_LoA	-8,6847541	0,078	0,298
CHR6	12075372	CHR6:12075372	SSF x Near_LoA	-6,53629759	0,013	0,300
CHR6	12087546	CHR6:12087546	SSF x Near_LoA	-10,7692735	0,088	0,309
CHR6	12090344	CHR6:12090344	SSF x Near_LoA	-9,97778445	0,024	0,305
CHR6	12090404	CHR6:12090404	SSF x Near_LoA	-3,05668978	-0,180	0,292
CHR6	12095671	CHR6:12095671	SSF x Near_LoA	-9,62910037	-0,056	0,295
CHR6	12095691	CHR6:12095691	SSF x Near_LoA	-11,4715707	0,076	0,290
CHR6	12095714	CHR6:12095714	SSF x Near_LoA	-8,89231505	0,068	0,316
CHR6	12095766	CHR6:12095766	SSF x Near_LoA	-8,88561409	-0,001	0,302
CHR6	12095798	CHR6:12095798	SSF x Near_LoA	-8,51758143	0,096	0,294
CHR6	12095820	CHR6:12095820	SSF x Near_LoA	-11,5945885	-0,057	0,293
CHR6	12098087	CHR6:12098087	SSF x Near_LoA	-11,9420405	0,015	0,312
CHR6	12101795	CHR6:12101795	SSF x Near_LoA	-7,40910065	-0,041	0,302
CHR6	12101940	CHR6:12101940	SSF x Near_LoA	-10,5930398	0,009	0,298
CHR6	12101955	CHR6:12101955	SSF x Near_LoA	-10,2638026	0,018	0,298
CHR6	12101965	CHR6:12101965	SSF x Near_LoA	5,2512341	0,205	0,298
CHR6	12102031	CHR6:12102031	SSF x Near_LoA	-11,8279569	0,015	0,296
CHR6	12102046	CHR6:12102046	SSF x Near_LoA	-10,6051674	-0,012	0,304
CHR6	12102066	CHR6:12102066	SSF x Near_LoA	-4,44335429	0,089	0,298

CHR6	12111783	CHR6:12111783	SSF x Near_LoA	-10,3628088	-0,114	0,301
CHR6	12111833	CHR6:12111833	SSF x Near_LoA	-8,00932274	-0,085	0,323
CHR6	12111895	CHR6:12111895	SSF x Near_LoA	-11,0828524	0,016	0,296
CHR6	12111922	CHR6:12111922	SSF x Near_LoA	-10,8384158	-0,085	0,308
CHR6	12111954	CHR6:12111954	SSF x Near_LoA	-10,9079469	0,043	0,310
CHR6	12113640	CHR6:12113640	SSF x Near_LoA	-8,60238152	-0,167	0,305
CHR6	12121086	CHR6:12121086	SSF x Near_LoA	-5,95408975	0,042	0,309
CHR6	12121102	CHR6:12121102	SSF x Near_LoA	-8,90829537	0,058	0,309
CHR6	12121114	CHR6:12121114	SSF x Near_LoA	-11,8258271	-0,007	0,302
CHR6	12121141	CHR6:12121141	SSF x Near_LoA	-9,15609429	0,058	0,302
CHR6	12121177	CHR6:12121177	SSF x Near_LoA	-3,78683883	0,096	0,294
CHR6	12121180	CHR6:12121180	SSF x Near_LoA	-8,07134839	-0,102	0,319
CHR6	12121201	CHR6:12121201	SSF x Near_LoA	-10,1605762	-0,008	0,319
CHR6	12121210	CHR6:12121210	SSF x Near_LoA	-8,44541034	-0,081	0,302
CHR6	12121274	CHR6:12121274	SSF x Near_LoA	-7,7533364	0,055	0,298
CHR6	12121275	CHR6:12121275	SSF x Near_LoA	-7,07555312	0,127	0,316
CHR6	12121299	CHR6:12121299	SSF x Near_LoA	-9,44643818	0,061	0,288
CHR6	12121350	CHR6:12121350	SSF x Near_LoA	-9,24527986	-0,039	0,297
CHR6	12121351	CHR6:12121351	SSF x Near_LoA	-9,08677156	-0,150	0,303
CHR6	12121371	CHR6:12121371	SSF x Near_LoA	10,5111766	0,175	0,298
CHR6	1212301	CHR6:1212301	SSF x Near_LoA	-11,0680941	-0,087	0,288
CHR6	12124898	CHR6:12124898	SSF x Near_LoA	-8,12046721	0,003	0,301
CHR6	12124949	CHR6:12124949	SSF x Near_LoA	-11,3897421	0,014	0,309
CHR6	12124951	CHR6:12124951	SSF x Near_LoA	-11,0605253	-0,010	0,300
CHR6	12124970	CHR6:12124970	SSF x Near_LoA	-10,3787352	0,021	0,309
CHR6	12144295	CHR6:12144295	SSF x Near_LoA	-11,0007207	0,070	0,304
CHR6	12144389	CHR6:12144389	SSF x Near_LoA	-9,93465856	0,080	0,311
CHR6	12144401	CHR6:12144401	SSF x Near_LoA	-8,01944203	-0,033	0,308
CHR6	12144409	CHR6:12144409	SSF x Near_LoA	-7,53288131	0,095	0,312
CHR6	12149921	CHR6:12149921	SSF x Near_LoA	-11,697887	-0,003	0,296
CHR6	12149996	CHR6:12149996	SSF x Near_LoA	-8,89468635	-0,038	0,299
CHR6	12150001	CHR6:12150001	SSF x Near_LoA	10,1950693	-0,066	0,323
CHR6	12160757	CHR6:12160757	SSF x Near_LoA	-11,6931952	-0,019	0,304
CHR6	12162215	CHR6:12162215	SSF x Near_LoA	-10,5030274	-0,007	0,288
CHR6	12162219	CHR6:12162219	SSF x Near_LoA	-9,26178768	-0,123	0,300
CHR6	12162243	CHR6:12162243	SSF x Near_LoA	-7,50514276	0,043	0,298
CHR6	12162258	CHR6:12162258	SSF x Near_LoA	-7,53760122	-0,016	0,321
CHR6	12162271	CHR6:12162271	SSF x Near_LoA	-8,49084784	0,093	0,288
CHR6	12166576	CHR6:12166576	SSF x Near_LoA	-9,99778156	0,009	0,315
CHR6	12170885	CHR6:12170885	SSF x Near_LoA	-1,87892153	0,174	0,295
CHR6	12170944	CHR6:12170944	SSF x Near_LoA	1,66971031	0,223	0,295
CHR6	12170947	CHR6:12170947	SSF x Near_LoA	-10,652687	0,009	0,305
CHR6	12170976	CHR6:12170976	SSF x Near_LoA	-5,91440746	0,256	0,295
CHR6	12184583	CHR6:12184583	SSF x Near_LoA	-8,71423276	-0,047	0,313
CHR6	12185748	CHR6:12185748	SSF x Near_LoA	-9,9080609	0,014	0,316
CHR6	12185772	CHR6:12185772	SSF x Near_LoA	-8,61275501	-0,065	0,298
CHR6	12185851	CHR6:12185851	SSF x Near_LoA	-10,8244059	0,020	0,297
CHR6	12208994	CHR6:12208994	SSF x Near_LoA	-7,58759536	-0,035	0,311
CHR6	12208996	CHR6:12208996	SSF x Near_LoA	-4,95533678	-0,050	0,319
CHR6	12209001	CHR6:12209001	SSF x Near_LoA	-3,85467439	0,129	0,313
CHR6	12209007	CHR6:12209007	SSF x Near_LoA	-7,80265928	-0,135	0,311
CHR6	12209016	CHR6:12209016	SSF x Near_LoA	-3,20555604	-0,105	0,306
CHR6	12209023	CHR6:12209023	SSF x Near_LoA	-8,96995498	-0,118	0,315

CHR6	12209059	CHR6:12209059	SSF x Near_LoA	-10,3334712	-0,055	0,312
CHR6	12209075	CHR6:12209075	SSF x Near_LoA	-6,63444508	0,155	0,309
CHR6	12209103	CHR6:12209103	SSF x Near_LoA	-9,16913591	0,001	0,310
CHR6	12209119	CHR6:12209119	SSF x Near_LoA	-11,6971719	0,038	0,305
CHR6	12209121	CHR6:12209121	SSF x Near_LoA	-12,3964607	0,009	0,302
CHR6	12209140	CHR6:12209140	SSF x Near_LoA	-10,407804	-0,018	0,296
CHR6	12209181	CHR6:12209181	SSF x Near_LoA	-6,08583125	0,169	0,290
CHR6	12209187	CHR6:12209187	SSF x Near_LoA	-11,2159152	0,116	0,295
CHR6	12209195	CHR6:12209195	SSF x Near_LoA	-10,0045549	0,102	0,301
CHR6	12209219	CHR6:12209219	SSF x Near_LoA	-10,3911969	0,042	0,301
CHR6	12209228	CHR6:12209228	SSF x Near_LoA	-6,81983247	0,193	0,289
CHR6	12209229	CHR6:12209229	SSF x Near_LoA	-5,45414821	0,193	0,302
CHR6	12209247	CHR6:12209247	SSF x Near_LoA	0,00294349	0,175	0,274
CHR6	12209256	CHR6:12209256	SSF x Near_LoA	-9,95614908	-0,092	0,309
CHR6	12211392	CHR6:12211392	SSF x Near_LoA	-10,9096379	-0,140	0,302
CHR6	12211501	CHR6:12211501	SSF x Near_LoA	-5,2155075	-0,094	0,325
CHR6	12211513	CHR6:12211513	SSF x Near_LoA	-8,40908306	-0,117	0,311
CHR6	12211527	CHR6:12211527	SSF x Near_LoA	-10,7447637	-0,085	0,300
CHR6	12244233	CHR6:12244233	SSF x Near_LoA	-9,59918716	0,081	0,294
CHR6	12244241	CHR6:12244241	SSF x Near_LoA	-8,15049025	-0,002	0,303
CHR6	12249006	CHR6:12249006	SSF x Near_LoA	-10,1355604	0,039	0,303
CHR6	12255720	CHR6:12255720	SSF x Near_LoA	-7,94592685	0,065	0,295
CHR6	12264777	CHR6:12264777	SSF x Near_LoA	-3,30531863	0,090	0,302
CHR6	12264826	CHR6:12264826	SSF x Near_LoA	-10,4475845	-0,030	0,295
CHR6	12264847	CHR6:12264847	SSF x Near_LoA	-10,633931	-0,051	0,294
CHR6	12264940	CHR6:12264940	SSF x Near_LoA	-9,53620818	0,063	0,314
CHR6	12264985	CHR6:12264985	SSF x Near_LoA	-10,9641962	-0,034	0,310
CHR6	12276013	CHR6:12276013	SSF x Near_LoA	-9,99318905	0,064	0,313
CHR6	12276031	CHR6:12276031	SSF x Near_LoA	-8,55295732	0,105	0,299
CHR6	12283131	CHR6:12283131	SSF x Near_LoA	-7,82935482	0,065	0,299
CHR6	12283173	CHR6:12283173	SSF x Near_LoA	-2,96112679	-0,134	0,294
CHR6	12283280	CHR6:12283280	SSF x Near_LoA	-8,64290372	-0,032	0,306
CHR6	12283368	CHR6:12283368	SSF x Near_LoA	-9,42264103	0,002	0,299
CHR6	12292245	CHR6:12292245	SSF x Near_LoA	-9,4675855	-0,040	0,302
CHR6	12292246	CHR6:12292246	SSF x Near_LoA	-9,24032786	-0,025	0,304
CHR6	12292259	CHR6:12292259	SSF x Near_LoA	-9,73308605	0,005	0,300
CHR6	12292265	CHR6:12292265	SSF x Near_LoA	-8,1665563	0,023	0,319
CHR6	12292282	CHR6:12292282	SSF x Near_LoA	-8,54690725	0,027	0,304
CHR6	12292296	CHR6:12292296	SSF x Near_LoA	-11,2965079	-0,086	0,299
CHR6	12292371	CHR6:12292371	SSF x Near_LoA	-8,34390322	-0,044	0,312
CHR6	12303311	CHR6:12303311	SSF x Near_LoA	-12,1719258	0,037	0,288
CHR6	12303465	CHR6:12303465	SSF x Near_LoA	-8,99617335	0,070	0,289
CHR6	12306258	CHR6:12306258	SSF x Near_LoA	-8,82083995	-0,040	0,308
CHR6	12306428	CHR6:12306428	SSF x Near_LoA	-9,8531243	-0,029	0,302
CHR6	12306466	CHR6:12306466	SSF x Near_LoA	-11,0673906	0,001	0,312
CHR6	12306484	CHR6:12306484	SSF x Near_LoA	-10,7258187	-0,001	0,309
CHR6	12311650	CHR6:12311650	SSF x Near_LoA	-8,90692473	-0,015	0,321
CHR6	12317034	CHR6:12317034	SSF x Near_LoA	5,66984307	0,248	0,290
CHR6	12317054	CHR6:12317054	SSF x Near_LoA	-6,69139002	-0,179	0,295
CHR6	12329295	CHR6:12329295	SSF x Near_LoA	-3,01380242	-0,006	0,313
CHR6	12335773	CHR6:12335773	SSF x Near_LoA	-8,60207158	0,020	0,299
CHR6	12335929	CHR6:12335929	SSF x Near_LoA	-7,69591518	0,096	0,304
CHR6	12359834	CHR6:12359834	SSF x Near_LoA	-8,38179694	0,080	0,318

CHR6	12359870	CHR6:12359870	SSF x Near_LoA	-8,64995246	0,114	0,297
CHR6	12383781	CHR6:12383781	SSF x Near_LoA	-11,0278789	-0,049	0,305
CHR6	12388859	CHR6:12388859	SSF x Near_LoA	-6,94523209	-0,067	0,321
CHR6	12388908	CHR6:12388908	SSF x Near_LoA	-4,01995568	-0,087	0,302
CHR6	12388913	CHR6:12388913	SSF x Near_LoA	-8,58124867	-0,080	0,302
CHR6	12388915	CHR6:12388915	SSF x Near_LoA	-10,25692	0,015	0,307
CHR6	12391843	CHR6:12391843	SSF x Near_LoA	-9,55431596	-0,106	0,311
CHR6	12397371	CHR6:12397371	SSF x Near_LoA	-7,11627228	-0,113	0,312
CHR6	12397374	CHR6:12397374	SSF x Near_LoA	-11,8303186	-0,040	0,298
CHR6	12400299	CHR6:12400299	SSF x Near_LoA	-11,3976448	-0,036	0,301
CHR6	12400313	CHR6:12400313	SSF x Near_LoA	-9,44888147	0,053	0,325
CHR6	12400319	CHR6:12400319	SSF x Near_LoA	-9,35794547	0,071	0,305
CHR6	12401015	CHR6:12401015	SSF x Near_LoA	-10,8688447	-0,059	0,310
CHR6	12401037	CHR6:12401037	SSF x Near_LoA	-10,1463438	0,076	0,312
CHR6	12401039	CHR6:12401039	SSF x Near_LoA	-8,92150452	-0,045	0,317
CHR6	12401059	CHR6:12401059	SSF x Near_LoA	-9,63305045	-0,055	0,302
CHR6	12405816	CHR6:12405816	SSF x Near_LoA	-10,3915877	0,052	0,297
CHR6	12405853	CHR6:12405853	SSF x Near_LoA	-8,91004052	0,023	0,311
CHR6	12428142	CHR6:12428142	SSF x Near_LoA	-6,14871811	0,026	0,303
CHR6	12428148	CHR6:12428148	SSF x Near_LoA	-8,78589857	0,012	0,319
CHR6	12428248	CHR6:12428248	SSF x Near_LoA	-6,6263366	-0,135	0,305
CHR6	12428271	CHR6:12428271	SSF x Near_LoA	-10,5787317	0,004	0,303
CHR6	12428320	CHR6:12428320	SSF x Near_LoA	-11,7931652	0,053	0,317
CHR6	12428332	CHR6:12428332	SSF x Near_LoA	-9,28685064	0,007	0,313
CHR6	12428333	CHR6:12428333	SSF x Near_LoA	-7,55627852	-0,017	0,319
CHR6	12428341	CHR6:12428341	SSF x Near_LoA	-8,40953481	0,045	0,309
CHR6	12428367	CHR6:12428367	SSF x Near_LoA	-8,44704408	-0,029	0,319
CHR6	12428368	CHR6:12428368	SSF x Near_LoA	-11,5555633	-0,020	0,305
CHR6	12428371	CHR6:12428371	SSF x Near_LoA	-11,0930327	0,042	0,309
CHR6	12428375	CHR6:12428375	SSF x Near_LoA	-8,46877445	0,035	0,312
CHR6	12428383	CHR6:12428383	SSF x Near_LoA	-8,16142011	-0,016	0,319
CHR6	12429031	CHR6:12429031	SSF x Near_LoA	-9,31069057	0,050	0,297
CHR6	12436959	CHR6:12436959	SSF x Near_LoA	-8,42924445	0,011	0,314
CHR6	12437121	CHR6:12437121	SSF x Near_LoA	-9,20235049	-0,007	0,304
CHR6	12437144	CHR6:12437144	SSF x Near_LoA	-8,60246319	0,022	0,315
CHR6	12437150	CHR6:12437150	SSF x Near_LoA	-8,98350172	0,045	0,306
CHR6	12437151	CHR6:12437151	SSF x Near_LoA	-10,557202	0,057	0,310
CHR6	12437160	CHR6:12437160	SSF x Near_LoA	-6,47666843	-0,099	0,305
CHR6	12437161	CHR6:12437161	SSF x Near_LoA	-7,33501175	-0,053	0,311
CHR6	12437189	CHR6:12437189	SSF x Near_LoA	-11,2644047	0,048	0,309
CHR6	12437221	CHR6:12437221	SSF x Near_LoA	-3,85637674	-0,085	0,308
CHR6	12463071	CHR6:12463071	SSF x Near_LoA	-6,01926907	-0,045	0,316
CHR6	12463084	CHR6:12463084	SSF x Near_LoA	-5,98457539	-0,037	0,296
CHR6	1246842	CHR6:1246842	SSF x Near_LoA	-10,794736	-0,001	0,327
CHR6	12472387	CHR6:12472387	SSF x Near_LoA	-11,7261509	-0,081	0,298
CHR6	12472469	CHR6:12472469	SSF x Near_LoA	-10,7509576	-0,028	0,310
CHR6	12475071	CHR6:12475071	SSF x Near_LoA	-11,2173824	-0,014	0,306
CHR6	12475178	CHR6:12475178	SSF x Near_LoA	-9,12980363	-0,010	0,301
CHR6	12475200	CHR6:12475200	SSF x Near_LoA	-7,25241326	-0,097	0,316
CHR6	12479544	CHR6:12479544	SSF x Near_LoA	-11,7999899	0,049	0,300
CHR6	12479564	CHR6:12479564	SSF x Near_LoA	-10,9775036	0,031	0,317
CHR6	12479598	CHR6:12479598	SSF x Near_LoA	-8,24493724	0,038	0,318
CHR6	12479799	CHR6:12479799	SSF x Near_LoA	-10,7573107	0,110	0,308

CHR6	12494936	CHR6:12494936	SSF x Near_LoA	-10,7249138	0,013	0,301
CHR6	12495029	CHR6:12495029	SSF x Near_LoA	-8,15142913	-0,022	0,309
CHR6	12495142	CHR6:12495142	SSF x Near_LoA	-9,7269445	0,165	0,306
CHR6	12496670	CHR6:12496670	SSF x Near_LoA	-11,2497823	-0,024	0,308
CHR6	12496679	CHR6:12496679	SSF x Near_LoA	-10,7563765	0,010	0,323
CHR6	12496811	CHR6:12496811	SSF x Near_LoA	-10,6159185	-0,097	0,287
CHR6	12496846	CHR6:12496846	SSF x Near_LoA	-7,70769449	-0,016	0,303
CHR6	12496881	CHR6:12496881	SSF x Near_LoA	-8,10597011	-0,045	0,309
CHR6	12496884	CHR6:12496884	SSF x Near_LoA	-11,6755522	0,069	0,304
CHR6	12498511	CHR6:12498511	SSF x Near_LoA	-10,6131588	-0,019	0,306
CHR6	12499028	CHR6:12499028	SSF x Near_LoA	-10,1172602	0,023	0,314
CHR6	12500334	CHR6:12500334	SSF x Near_LoA	-10,605529	0,049	0,304
CHR6	12500344	CHR6:12500344	SSF x Near_LoA	-8,53696482	-0,104	0,306
CHR6	12500360	CHR6:12500360	SSF x Near_LoA	-8,39402346	-0,014	0,311
CHR6	12500386	CHR6:12500386	SSF x Near_LoA	-10,8149316	-0,020	0,313
CHR6	12500393	CHR6:12500393	SSF x Near_LoA	-8,98397622	0,113	0,311
CHR6	12500398	CHR6:12500398	SSF x Near_LoA	-8,76782089	0,136	0,316
CHR6	12500436	CHR6:12500436	SSF x Near_LoA	-9,57660839	-0,024	0,309
CHR6	12500453	CHR6:12500453	SSF x Near_LoA	-8,75244196	-0,009	0,311
CHR6	12500460	CHR6:12500460	SSF x Near_LoA	-7,17053633	0,136	0,310
CHR6	12500535	CHR6:12500535	SSF x Near_LoA	-8,43367331	0,100	0,304
CHR6	12500589	CHR6:12500589	SSF x Near_LoA	-7,53404577	0,169	0,299
CHR6	12506568	CHR6:12506568	SSF x Near_LoA	-7,54696479	0,003	0,316
CHR6	12506653	CHR6:12506653	SSF x Near_LoA	-9,18780452	0,018	0,297
CHR6	12506662	CHR6:12506662	SSF x Near_LoA	-10,3076857	-0,094	0,310
CHR6	12506664	CHR6:12506664	SSF x Near_LoA	-4,78194425	-0,008	0,308
CHR6	12506678	CHR6:12506678	SSF x Near_LoA	-5,94387206	0,076	0,302
CHR6	12506734	CHR6:12506734	SSF x Near_LoA	-9,81904035	-0,056	0,307
CHR6	12506737	CHR6:12506737	SSF x Near_LoA	-3,8679099	0,018	0,317
CHR6	12506767	CHR6:12506767	SSF x Near_LoA	-8,45007512	0,100	0,297
CHR6	12506791	CHR6:12506791	SSF x Near_LoA	-9,90117865	-0,059	0,301
CHR6	12506817	CHR6:12506817	SSF x Near_LoA	-7,5193214	0,051	0,307
CHR6	12506848	CHR6:12506848	SSF x Near_LoA	-7,94878594	0,038	0,313
CHR6	12506852	CHR6:12506852	SSF x Near_LoA	-11,6152578	0,008	0,300
CHR6	12528122	CHR6:12528122	SSF x Near_LoA	-10,0582352	-0,002	0,292
CHR6	12528258	CHR6:12528258	SSF x Near_LoA	-9,14474023	0,077	0,298
CHR6	12532289	CHR6:12532289	SSF x Near_LoA	-8,75215537	-0,159	0,302
CHR6	12558277	CHR6:12558277	SSF x Near_LoA	-9,22524112	0,070	0,322
CHR6	12558482	CHR6:12558482	SSF x Near_LoA	-6,20348095	-0,086	0,320
CHR6	12562535	CHR6:12562535	SSF x Near_LoA	-9,10690822	0,043	0,312
CHR6	12562560	CHR6:12562560	SSF x Near_LoA	-9,10211953	0,040	0,321
CHR6	12562574	CHR6:12562574	SSF x Near_LoA	-6,38711237	0,084	0,315
CHR6	12568299	CHR6:12568299	SSF x Near_LoA	-8,80388824	-0,021	0,304
CHR6	12568361	CHR6:12568361	SSF x Near_LoA	-10,1544693	0,035	0,323
CHR6	12568376	CHR6:12568376	SSF x Near_LoA	-10,3173726	0,003	0,304
CHR6	12568383	CHR6:12568383	SSF x Near_LoA	-9,40612489	0,007	0,327
CHR6	12568388	CHR6:12568388	SSF x Near_LoA	-10,0634527	0,040	0,318
CHR6	12568394	CHR6:12568394	SSF x Near_LoA	-10,4057421	0,020	0,305
CHR6	12568402	CHR6:12568402	SSF x Near_LoA	-11,0437343	0,060	0,306
CHR6	12568403	CHR6:12568403	SSF x Near_LoA	-8,38533178	0,097	0,304
CHR6	12571294	CHR6:12571294	SSF x Near_LoA	-9,65060198	-0,007	0,313
CHR6	12571359	CHR6:12571359	SSF x Near_LoA	-10,3828179	-0,143	0,286
CHR6	12571363	CHR6:12571363	SSF x Near_LoA	-10,2389098	-0,062	0,315

CHR6	12571364	CHR6:12571364	SSF x Near_LoA	-9,74480506	0,036	0,314
CHR6	12571414	CHR6:12571414	SSF x Near_LoA	-8,13611047	-0,114	0,311
CHR6	12574102	CHR6:12574102	SSF x Near_LoA	-9,96923713	0,019	0,312
CHR6	12574222	CHR6:12574222	SSF x Near_LoA	-6,52978385	-0,102	0,326
CHR6	12574330	CHR6:12574330	SSF x Near_LoA	-10,3347962	0,069	0,317
CHR6	12582110	CHR6:12582110	SSF x Near_LoA	-9,80814731	-0,108	0,294
CHR6	12582143	CHR6:12582143	SSF x Near_LoA	-11,2549375	0,006	0,305
CHR6	12582146	CHR6:12582146	SSF x Near_LoA	-9,55545017	0,002	0,307
CHR6	12582160	CHR6:12582160	SSF x Near_LoA	-10,2497548	0,042	0,312
CHR6	12582236	CHR6:12582236	SSF x Near_LoA	-5,37273696	-0,067	0,307
CHR6	12582296	CHR6:12582296	SSF x Near_LoA	-10,008659	-0,021	0,305
CHR6	12582321	CHR6:12582321	SSF x Near_LoA	-4,35292023	-0,047	0,319
CHR6	12590533	CHR6:12590533	SSF x Near_LoA	-9,10417587	-0,036	0,304
CHR6	12590572	CHR6:12590572	SSF x Near_LoA	-10,8530484	0,058	0,312
CHR6	12590617	CHR6:12590617	SSF x Near_LoA	-8,03534669	0,066	0,313
CHR6	12590705	CHR6:12590705	SSF x Near_LoA	-10,8476899	0,007	0,305
CHR6	12599160	CHR6:12599160	SSF x Near_LoA	-7,86492558	0,033	0,316
CHR6	12599298	CHR6:12599298	SSF x Near_LoA	-8,1205564	-0,008	0,302
CHR6	12599321	CHR6:12599321	SSF x Near_LoA	-9,13202166	0,018	0,297
CHR6	12599359	CHR6:12599359	SSF x Near_LoA	-10,5241442	0,006	0,316
CHR6	12599393	CHR6:12599393	SSF x Near_LoA	-8,74312303	-0,049	0,304
CHR6	12599405	CHR6:12599405	SSF x Near_LoA	-9,79022176	0,118	0,298
CHR6	12603007	CHR6:12603007	SSF x Near_LoA	-12,6137312	0,045	0,303
CHR6	12603012	CHR6:12603012	SSF x Near_LoA	-9,28557355	0,021	0,314
CHR6	12623804	CHR6:12623804	SSF x Near_LoA	-6,88897514	0,144	0,318
CHR6	12623852	CHR6:12623852	SSF x Near_LoA	-6,80432832	-0,188	0,300
CHR6	12623858	CHR6:12623858	SSF x Near_LoA	-9,1090221	-0,178	0,289
CHR6	12623872	CHR6:12623872	SSF x Near_LoA	-6,60919913	-0,174	0,301
CHR6	12623883	CHR6:12623883	SSF x Near_LoA	-9,08990394	0,061	0,303
CHR6	12623887	CHR6:12623887	SSF x Near_LoA	-5,47081925	-0,181	0,302
CHR6	12624589	CHR6:12624589	SSF x Near_LoA	-9,52998829	-0,030	0,300
CHR6	12624599	CHR6:12624599	SSF x Near_LoA	-8,04317768	-0,016	0,312
CHR6	12624600	CHR6:12624600	SSF x Near_LoA	-6,09337111	0,009	0,313
CHR6	1263477	CHR6:1263477	SSF x Near_LoA	-7,15303591	-0,093	0,308
CHR6	12661748	CHR6:12661748	SSF x Near_LoA	-8,72611312	-0,026	0,313
CHR6	12670310	CHR6:12670310	SSF x Near_LoA	-8,31681184	0,010	0,299
CHR6	12670345	CHR6:12670345	SSF x Near_LoA	-7,92479462	-0,020	0,297
CHR6	12679155	CHR6:12679155	SSF x Near_LoA	-8,59868727	0,012	0,312
CHR6	12679204	CHR6:12679204	SSF x Near_LoA	-8,43610186	0,077	0,305
CHR6	12680594	CHR6:12680594	SSF x Near_LoA	-10,8383936	0,021	0,308
CHR6	12682108	CHR6:12682108	SSF x Near_LoA	-10,2045886	0,099	0,308
CHR6	12682129	CHR6:12682129	SSF x Near_LoA	-10,6207761	-0,021	0,315
CHR6	12682151	CHR6:12682151	SSF x Near_LoA	-11,3693589	-0,038	0,297
CHR6	12682166	CHR6:12682166	SSF x Near_LoA	-10,606675	-0,018	0,306
CHR6	12682181	CHR6:12682181	SSF x Near_LoA	-10,0812216	0,056	0,303
CHR6	12682222	CHR6:12682222	SSF x Near_LoA	-9,49746694	-0,017	0,291
CHR6	12682242	CHR6:12682242	SSF x Near_LoA	-8,16135272	0,037	0,316
CHR6	12682305	CHR6:12682305	SSF x Near_LoA	-11,0647627	-0,034	0,294
CHR6	12689492	CHR6:12689492	SSF x Near_LoA	-6,96349913	0,107	0,307
CHR6	12696354	CHR6:12696354	SSF x Near_LoA	-8,75867599	-0,020	0,288
CHR6	12696386	CHR6:12696386	SSF x Near_LoA	-10,9086132	-0,052	0,296
CHR6	12696411	CHR6:12696411	SSF x Near_LoA	-4,82193947	-0,042	0,311
CHR6	12696421	CHR6:12696421	SSF x Near_LoA	-9,5999312	0,027	0,312

CHR6	12696427	CHR6:12696427	SSF x Near_LoA	-6,56366317	-0,019	0,311
CHR6	1269762	CHR6:1269762	SSF x Near_LoA	-9,48112481	0,026	0,302
CHR6	12704151	CHR6:12704151	SSF x Near_LoA	-11,0671483	0,019	0,317
CHR6	12704162	CHR6:12704162	SSF x Near_LoA	-7,79955401	0,090	0,300
CHR6	12704209	CHR6:12704209	SSF x Near_LoA	-9,0915898	-0,039	0,316
CHR6	12704239	CHR6:12704239	SSF x Near_LoA	-9,7049417	-0,021	0,299
CHR6	12704358	CHR6:12704358	SSF x Near_LoA	-6,61203866	-0,093	0,309
CHR6	12704384	CHR6:12704384	SSF x Near_LoA	-5,98510416	0,130	0,297
CHR6	12709887	CHR6:12709887	SSF x Near_LoA	-8,90946276	-0,070	0,301
CHR6	12709931	CHR6:12709931	SSF x Near_LoA	-0,77879775	0,005	0,319
CHR6	12709947	CHR6:12709947	SSF x Near_LoA	-6,80228557	0,011	0,312
CHR6	12710033	CHR6:12710033	SSF x Near_LoA	-11,4563534	0,036	0,309
CHR6	12710052	CHR6:12710052	SSF x Near_LoA	-8,59980885	-0,039	0,305
CHR6	1274110	CHR6:1274110	SSF x Near_LoA	-9,49331338	0,038	0,313
CHR6	12741875	CHR6:12741875	SSF x Near_LoA	1,89555628	0,171	0,284
CHR6	12741896	CHR6:12741896	SSF x Near_LoA	-8,67684547	0,146	0,293
CHR6	12741954	CHR6:12741954	SSF x Near_LoA	-9,31183149	-0,127	0,295
CHR6	12741955	CHR6:12741955	SSF x Near_LoA	-8,28831277	-0,147	0,304
CHR6	12750361	CHR6:12750361	SSF x Near_LoA	-5,13822793	0,059	0,302
CHR6	12765621	CHR6:12765621	SSF x Near_LoA	-7,24469117	0,079	0,307
CHR6	12765754	CHR6:12765754	SSF x Near_LoA	-9,7428319	-0,050	0,302
CHR6	12765817	CHR6:12765817	SSF x Near_LoA	-9,66906571	-0,033	0,309
CHR6	12768758	CHR6:12768758	SSF x Near_LoA	-9,89099279	-0,044	0,300
CHR6	12768943	CHR6:12768943	SSF x Near_LoA	-11,2347557	-0,049	0,306
CHR6	12769011	CHR6:12769011	SSF x Near_LoA	-9,44077573	-0,009	0,307
CHR6	12776208	CHR6:12776208	SSF x Near_LoA	-9,24443366	0,016	0,304
CHR6	12776214	CHR6:12776214	SSF x Near_LoA	-8,14174148	0,018	0,313
CHR6	12776254	CHR6:12776254	SSF x Near_LoA	-9,62942932	-0,018	0,309
CHR6	12778696	CHR6:12778696	SSF x Near_LoA	-9,62973589	-0,015	0,300
CHR6	12783381	CHR6:12783381	SSF x Near_LoA	-3,32385869	-0,194	0,303
CHR6	12785453	CHR6:12785453	SSF x Near_LoA	-7,52622037	0,063	0,302
CHR6	12785472	CHR6:12785472	SSF x Near_LoA	-7,64607231	0,064	0,311
CHR6	12785506	CHR6:12785506	SSF x Near_LoA	-9,19993196	0,043	0,308
CHR6	12785518	CHR6:12785518	SSF x Near_LoA	-9,449661	-0,007	0,312
CHR6	12786065	CHR6:12786065	SSF x Near_LoA	-10,2853881	0,022	0,291
CHR6	12795782	CHR6:12795782	SSF x Near_LoA	-9,17585934	0,083	0,311
CHR6	12795799	CHR6:12795799	SSF x Near_LoA	-10,1029393	-0,029	0,308
CHR6	12795813	CHR6:12795813	SSF x Near_LoA	-9,44192114	0,003	0,306
CHR6	12795821	CHR6:12795821	SSF x Near_LoA	-11,115366	0,019	0,296
CHR6	12795842	CHR6:12795842	SSF x Near_LoA	-8,65232067	-0,103	0,303
CHR6	12795843	CHR6:12795843	SSF x Near_LoA	-7,8840413	0,119	0,302
CHR6	12797398	CHR6:12797398	SSF x Near_LoA	-10,9132878	-0,075	0,301
CHR6	12798599	CHR6:12798599	SSF x Near_LoA	-7,14569955	-0,158	0,313
CHR6	12798600	CHR6:12798600	SSF x Near_LoA	-7,72912588	0,108	0,301
CHR6	12798607	CHR6:12798607	SSF x Near_LoA	-8,79616059	0,130	0,294
CHR6	12804365	CHR6:12804365	SSF x Near_LoA	-7,85638361	0,064	0,317
CHR6	12804383	CHR6:12804383	SSF x Near_LoA	-9,15591285	-0,057	0,298
CHR6	12804415	CHR6:12804415	SSF x Near_LoA	-7,06860184	0,183	0,305
CHR6	12807940	CHR6:12807940	SSF x Near_LoA	-10,1512966	0,032	0,306
CHR6	12807953	CHR6:12807953	SSF x Near_LoA	-10,8616037	-0,034	0,311
CHR6	12807955	CHR6:12807955	SSF x Near_LoA	-9,12173954	0,022	0,316
CHR6	12813031	CHR6:12813031	SSF x Near_LoA	-9,08945216	0,038	0,309
CHR6	12826525	CHR6:12826525	SSF x Near_LoA	-10,0411571	-0,082	0,313

CHR6	12826576	CHR6:12826576	SSF x Near_LoA	-6,22527716	-0,006	0,312
CHR6	12826579	CHR6:12826579	SSF x Near_LoA	-9,78572664	-0,075	0,315
CHR6	12826584	CHR6:12826584	SSF x Near_LoA	-9,8807227	0,008	0,309
CHR6	12831284	CHR6:12831284	SSF x Near_LoA	-8,68384515	-0,068	0,308
CHR6	12831375	CHR6:12831375	SSF x Near_LoA	-9,06878289	-0,021	0,319
CHR6	12834348	CHR6:12834348	SSF x Near_LoA	-9,7810797	-0,027	0,303
CHR6	12834388	CHR6:12834388	SSF x Near_LoA	-8,1251775	-0,064	0,322
CHR6	12834439	CHR6:12834439	SSF x Near_LoA	-10,400054	-0,015	0,312
CHR6	12834443	CHR6:12834443	SSF x Near_LoA	-8,84191546	0,012	0,306
CHR6	12834455	CHR6:12834455	SSF x Near_LoA	-9,2789525	-0,057	0,295
CHR6	12835220	CHR6:12835220	SSF x Near_LoA	-11,0051136	0,008	0,314
CHR6	1283849	CHR6:1283849	SSF x Near_LoA	-8,69904598	-0,018	0,319
CHR6	12851632	CHR6:12851632	SSF x Near_LoA	-7,90298923	0,085	0,301
CHR6	12851690	CHR6:12851690	SSF x Near_LoA	-6,51939357	-0,074	0,314
CHR6	12858019	CHR6:12858019	SSF x Near_LoA	-10,2723951	-0,027	0,312
CHR6	12858072	CHR6:12858072	SSF x Near_LoA	-7,96298233	-0,130	0,294
CHR6	12858083	CHR6:12858083	SSF x Near_LoA	-9,66495814	-0,070	0,312
CHR6	12858110	CHR6:12858110	SSF x Near_LoA	-10,5847315	-0,012	0,304
CHR6	12858115	CHR6:12858115	SSF x Near_LoA	-7,79184734	0,196	0,287
CHR6	12858138	CHR6:12858138	SSF x Near_LoA	-1,49304477	-0,136	0,305
CHR6	12861470	CHR6:12861470	SSF x Near_LoA	-7,04647372	-0,162	0,295
CHR6	12861499	CHR6:12861499	SSF x Near_LoA	-6,08765009	0,084	0,312
CHR6	12861520	CHR6:12861520	SSF x Near_LoA	-9,00910838	-0,048	0,313
CHR6	12861542	CHR6:12861542	SSF x Near_LoA	-0,48829159	0,203	0,291
CHR6	12875366	CHR6:12875366	SSF x Near_LoA	-10,4491304	-0,073	0,301
CHR6	12875412	CHR6:12875412	SSF x Near_LoA	-9,22754169	0,083	0,304
CHR6	12875427	CHR6:12875427	SSF x Near_LoA	-6,03481748	-0,217	0,286
CHR6	12875443	CHR6:12875443	SSF x Near_LoA	-3,97793516	-0,250	0,280
CHR6	12875457	CHR6:12875457	SSF x Near_LoA	-7,67447064	0,157	0,312
CHR6	12880081	CHR6:12880081	SSF x Near_LoA	-10,78214	-0,064	0,300
CHR6	12880131	CHR6:12880131	SSF x Near_LoA	-9,22158552	-0,131	0,305
CHR6	12880155	CHR6:12880155	SSF x Near_LoA	-9,87971234	-0,049	0,302
CHR6	12880168	CHR6:12880168	SSF x Near_LoA	-9,98490074	-0,016	0,301
CHR6	12880194	CHR6:12880194	SSF x Near_LoA	-9,62137922	0,000	0,298
CHR6	12880220	CHR6:12880220	SSF x Near_LoA	-8,69326336	-0,020	0,309
CHR6	1288092	CHR6:1288092	SSF x Near_LoA	-10,4637914	0,035	0,310
CHR6	1288155	CHR6:1288155	SSF x Near_LoA	-9,70809775	-0,021	0,303
CHR6	12887401	CHR6:12887401	SSF x Near_LoA	-8,66074059	-0,029	0,309
CHR6	12891258	CHR6:12891258	SSF x Near_LoA	-10,0586199	0,007	0,320
CHR6	12900098	CHR6:12900098	SSF x Near_LoA	-7,37507891	-0,067	0,319
CHR6	12900175	CHR6:12900175	SSF x Near_LoA	-10,3770349	-0,128	0,296
CHR6	12900177	CHR6:12900177	SSF x Near_LoA	-10,3361767	-0,140	0,294
CHR6	12900227	CHR6:12900227	SSF x Near_LoA	-10,1388134	0,028	0,303
CHR6	12900313	CHR6:12900313	SSF x Near_LoA	-8,73992562	-0,045	0,310
CHR6	12900366	CHR6:12900366	SSF x Near_LoA	-5,89872896	0,057	0,308
CHR6	12900376	CHR6:12900376	SSF x Near_LoA	-10,398663	0,076	0,302
CHR6	12919929	CHR6:12919929	SSF x Near_LoA	-9,94419293	0,000	0,305
CHR6	12919957	CHR6:12919957	SSF x Near_LoA	-7,07576081	-0,121	0,294
CHR6	12919969	CHR6:12919969	SSF x Near_LoA	-10,2704294	-0,043	0,325
CHR6	12920005	CHR6:12920005	SSF x Near_LoA	-7,09056895	-0,126	0,307
CHR6	12920045	CHR6:12920045	SSF x Near_LoA	-11,8040768	0,023	0,298
CHR6	12920049	CHR6:12920049	SSF x Near_LoA	-8,57844427	0,045	0,324
CHR6	12920090	CHR6:12920090	SSF x Near_LoA	-9,1605027	0,069	0,305

CHR6	12920122	CHR6:12920122	SSF x Near_LoA	-9,69141375	-0,096	0,286
CHR6	12920161	CHR6:12920161	SSF x Near_LoA	-9,76193786	-0,062	0,311
CHR6	12920162	CHR6:12920162	SSF x Near_LoA	-10,6075138	-0,084	0,310
CHR6	12920165	CHR6:12920165	SSF x Near_LoA	-7,6740533	-0,053	0,318
CHR6	12926599	CHR6:12926599	SSF x Near_LoA	-6,61704666	0,142	0,321
CHR6	1292912	CHR6:1292912	SSF x Near_LoA	-3,90637176	-0,152	0,294
CHR6	1292990	CHR6:1292990	SSF x Near_LoA	-10,6819645	0,034	0,303
CHR6	12934382	CHR6:12934382	SSF x Near_LoA	-8,93633638	0,063	0,304
CHR6	12934394	CHR6:12934394	SSF x Near_LoA	-11,2071314	0,082	0,300
CHR6	12934550	CHR6:12934550	SSF x Near_LoA	-10,9131341	0,072	0,282
CHR6	12942855	CHR6:12942855	SSF x Near_LoA	-9,76665455	-0,079	0,310
CHR6	12949950	CHR6:12949950	SSF x Near_LoA	-9,3619632	0,034	0,306
CHR6	12950001	CHR6:12950001	SSF x Near_LoA	-9,29600216	0,040	0,316
CHR6	12950013	CHR6:12950013	SSF x Near_LoA	-7,59480358	0,130	0,300
CHR6	12965853	CHR6:12965853	SSF x Near_LoA	-10,1105389	-0,011	0,302
CHR6	12966274	CHR6:12966274	SSF x Near_LoA	-8,72210145	0,046	0,310
CHR6	12966288	CHR6:12966288	SSF x Near_LoA	-8,19579789	-0,057	0,274
CHR6	12966305	CHR6:12966305	SSF x Near_LoA	-9,44060097	-0,025	0,296
CHR6	12971737	CHR6:12971737	SSF x Near_LoA	-10,0874963	0,054	0,306
CHR6	12974289	CHR6:12974289	SSF x Near_LoA	-11,0037701	0,077	0,314
CHR6	12974346	CHR6:12974346	SSF x Near_LoA	-6,03171041	-0,048	0,302
CHR6	12974349	CHR6:12974349	SSF x Near_LoA	-8,11473869	0,103	0,306
CHR6	12983594	CHR6:12983594	SSF x Near_LoA	-9,36789493	0,104	0,299
CHR6	12983597	CHR6:12983597	SSF x Near_LoA	-6,20655175	-0,164	0,307
CHR6	12983643	CHR6:12983643	SSF x Near_LoA	-4,35103318	0,125	0,309
CHR6	12985855	CHR6:12985855	SSF x Near_LoA	-7,44199388	0,193	0,311
CHR6	12988574	CHR6:12988574	SSF x Near_LoA	-7,55035816	0,177	0,313
CHR6	12988684	CHR6:12988684	SSF x Near_LoA	-7,40624046	0,157	0,292
CHR6	12988692	CHR6:12988692	SSF x Near_LoA	-8,7169212	-0,141	0,303
CHR6	12988697	CHR6:12988697	SSF x Near_LoA	-6,09246403	-0,129	0,292
CHR6	12988698	CHR6:12988698	SSF x Near_LoA	-8,97670786	0,078	0,305
CHR6	12988741	CHR6:12988741	SSF x Near_LoA	0,06717401	0,194	0,310
CHR6	12988762	CHR6:12988762	SSF x Near_LoA	-1,17863926	-0,007	0,307
CHR6	12993192	CHR6:12993192	SSF x Near_LoA	-10,0684283	-0,028	0,301
CHR6	12993198	CHR6:12993198	SSF x Near_LoA	-9,73720991	0,102	0,314
CHR6	12993238	CHR6:12993238	SSF x Near_LoA	-7,90138342	0,103	0,295
CHR6	12993241	CHR6:12993241	SSF x Near_LoA	-8,65237287	0,097	0,295
CHR6	1300289	CHR6:1300289	SSF x Near_LoA	-12,1635607	0,009	0,305
CHR6	1300401	CHR6:1300401	SSF x Near_LoA	-8,27698176	0,060	0,308
CHR6	1300441	CHR6:1300441	SSF x Near_LoA	-8,15221068	0,038	0,316
CHR6	13010621	CHR6:13010621	SSF x Near_LoA	-7,10025313	-0,123	0,317
CHR6	13010776	CHR6:13010776	SSF x Near_LoA	-6,09515606	-0,031	0,307
CHR6	13019565	CHR6:13019565	SSF x Near_LoA	-8,95605829	0,098	0,303
CHR6	1302930	CHR6:1302930	SSF x Near_LoA	-10,4336242	-0,052	0,309
CHR6	13033344	CHR6:13033344	SSF x Near_LoA	-11,207118	0,019	0,289
CHR6	13057391	CHR6:13057391	SSF x Near_LoA	-7,31213693	0,064	0,314
CHR6	13057591	CHR6:13057591	SSF x Near_LoA	-7,52473713	-0,007	0,312
CHR6	13062520	CHR6:13062520	SSF x Near_LoA	-11,0501635	0,024	0,306
CHR6	13062590	CHR6:13062590	SSF x Near_LoA	-9,87805148	-0,048	0,309
CHR6	13071777	CHR6:13071777	SSF x Near_LoA	-9,51754133	0,067	0,304
CHR6	13071798	CHR6:13071798	SSF x Near_LoA	-10,7512428	-0,015	0,304
CHR6	13071815	CHR6:13071815	SSF x Near_LoA	-11,6088491	-0,018	0,311
CHR6	13071863	CHR6:13071863	SSF x Near_LoA	-7,11686324	0,140	0,302

CHR6	13071900	CHR6:13071900	SSF x Near_LoA	-10,1761478	0,041	0,308
CHR6	13073583	CHR6:13073583	SSF x Near_LoA	-8,08111558	0,156	0,296
CHR6	13073616	CHR6:13073616	SSF x Near_LoA	-11,1070909	0,059	0,294
CHR6	13073629	CHR6:13073629	SSF x Near_LoA	-9,01058625	-0,027	0,307
CHR6	13073675	CHR6:13073675	SSF x Near_LoA	-6,71197409	-0,031	0,316
CHR6	13073685	CHR6:13073685	SSF x Near_LoA	-8,8380384	-0,086	0,320
CHR6	13073693	CHR6:13073693	SSF x Near_LoA	-8,33004123	-0,090	0,303
CHR6	13083400	CHR6:13083400	SSF x Near_LoA	-10,1876594	0,066	0,305
CHR6	13083410	CHR6:13083410	SSF x Near_LoA	-11,4446948	0,002	0,313
CHR6	13083422	CHR6:13083422	SSF x Near_LoA	-8,94151783	0,050	0,313
CHR6	13083498	CHR6:13083498	SSF x Near_LoA	-9,18006823	0,075	0,287
CHR6	13083515	CHR6:13083515	SSF x Near_LoA	-9,56520955	-0,019	0,307
CHR6	1309006	CHR6:1309006	SSF x Near_LoA	-7,20282118	0,157	0,298
CHR6	1309901	CHR6:1309901	SSF x Near_LoA	-7,86856757	-0,164	0,288
CHR6	1309956	CHR6:1309956	SSF x Near_LoA	-11,7463729	-0,034	0,297
CHR6	13100937	CHR6:13100937	SSF x Near_LoA	-7,75139414	0,029	0,314
CHR6	13100963	CHR6:13100963	SSF x Near_LoA	-8,94187704	-0,038	0,318
CHR6	13100998	CHR6:13100998	SSF x Near_LoA	4,87035981	0,049	0,312
CHR6	13101064	CHR6:13101064	SSF x Near_LoA	-8,11439177	-0,062	0,305
CHR6	13101066	CHR6:13101066	SSF x Near_LoA	-8,68267478	-0,031	0,320
CHR6	13101780	CHR6:13101780	SSF x Near_LoA	-8,6935891	0,046	0,309
CHR6	13101781	CHR6:13101781	SSF x Near_LoA	-10,293649	0,042	0,301
CHR6	13101789	CHR6:13101789	SSF x Near_LoA	-9,41285658	0,067	0,314
CHR6	1310959	CHR6:1310959	SSF x Near_LoA	-8,91652132	-0,039	0,297
CHR6	13122839	CHR6:13122839	SSF x Near_LoA	-9,79085784	0,013	0,315
CHR6	13122912	CHR6:13122912	SSF x Near_LoA	-8,68859348	-0,062	0,315
CHR6	13122924	CHR6:13122924	SSF x Near_LoA	-9,16659287	0,056	0,295
CHR6	13123097	CHR6:13123097	SSF x Near_LoA	-11,6514475	0,068	0,314
CHR6	13123135	CHR6:13123135	SSF x Near_LoA	-10,4170463	0,016	0,313
CHR6	13127496	CHR6:13127496	SSF x Near_LoA	-7,75626769	-0,095	0,309
CHR6	13138388	CHR6:13138388	SSF x Near_LoA	-11,1988899	-0,087	0,303
CHR6	13138410	CHR6:13138410	SSF x Near_LoA	-6,01019984	0,028	0,323
CHR6	13138491	CHR6:13138491	SSF x Near_LoA	-10,5770666	-0,002	0,314
CHR6	13142696	CHR6:13142696	SSF x Near_LoA	-2,95365056	-0,037	0,311
CHR6	13177360	CHR6:13177360	SSF x Near_LoA	-7,58971803	-0,035	0,303
CHR6	13177409	CHR6:13177409	SSF x Near_LoA	-7,33062637	0,018	0,307
CHR6	13177411	CHR6:13177411	SSF x Near_LoA	-9,20924424	-0,029	0,298
CHR6	13177422	CHR6:13177422	SSF x Near_LoA	-8,80739216	-0,004	0,316
CHR6	13177430	CHR6:13177430	SSF x Near_LoA	-10,5560255	0,030	0,304
CHR6	13177469	CHR6:13177469	SSF x Near_LoA	-10,1392573	-0,002	0,313
CHR6	13177472	CHR6:13177472	SSF x Near_LoA	-7,81731741	0,010	0,311
CHR6	13177512	CHR6:13177512	SSF x Near_LoA	-8,05008854	-0,047	0,310
CHR6	13183199	CHR6:13183199	SSF x Near_LoA	-8,45647111	-0,087	0,305
CHR6	13183988	CHR6:13183988	SSF x Near_LoA	-9,27096047	-0,042	0,316
CHR6	13184000	CHR6:13184000	SSF x Near_LoA	-9,98517593	0,081	0,316
CHR6	13184151	CHR6:13184151	SSF x Near_LoA	-11,63557	0,011	0,299
CHR6	13192399	CHR6:13192399	SSF x Near_LoA	-9,44849103	0,021	0,307
CHR6	13198496	CHR6:13198496	SSF x Near_LoA	-8,93300371	-0,038	0,316
CHR6	13198538	CHR6:13198538	SSF x Near_LoA	-8,25163603	-0,081	0,317
CHR6	13198662	CHR6:13198662	SSF x Near_LoA	-9,77722346	-0,038	0,305
CHR6	13198685	CHR6:13198685	SSF x Near_LoA	-9,15531425	0,001	0,307
CHR6	13198714	CHR6:13198714	SSF x Near_LoA	-9,72024525	-0,006	0,308
CHR6	13203994	CHR6:13203994	SSF x Near_LoA	-7,03842211	-0,148	0,291

CHR6	13204005	CHR6:13204005	SSF x Near_LoA	-7,1863011	0,107	0,310
CHR6	132195	CHR6:132195	SSF x Near_LoA	-9,49322232	0,025	0,293
CHR6	132196	CHR6:132196	SSF x Near_LoA	-9,32822219	0,018	0,308
CHR6	13229133	CHR6:13229133	SSF x Near_LoA	-11,4682164	0,007	0,309
CHR6	13232734	CHR6:13232734	SSF x Near_LoA	-8,94381135	-0,069	0,300
CHR6	132406	CHR6:132406	SSF x Near_LoA	-10,0467948	0,019	0,314
CHR6	13251139	CHR6:13251139	SSF x Near_LoA	-6,24040735	-0,083	0,294
CHR6	13251153	CHR6:13251153	SSF x Near_LoA	-9,45283426	-0,086	0,299
CHR6	13251174	CHR6:13251174	SSF x Near_LoA	-6,57662105	0,007	0,290
CHR6	13253898	CHR6:13253898	SSF x Near_LoA	-9,67483556	0,044	0,310
CHR6	13254853	CHR6:13254853	SSF x Near_LoA	-8,84280053	-0,112	0,296
CHR6	13254859	CHR6:13254859	SSF x Near_LoA	-10,9445515	0,087	0,298
CHR6	13254860	CHR6:13254860	SSF x Near_LoA	-8,97775211	-0,105	0,303
CHR6	13254861	CHR6:13254861	SSF x Near_LoA	-8,72618688	-0,101	0,293
CHR6	13254892	CHR6:13254892	SSF x Near_LoA	-10,474815	-0,105	0,305
CHR6	13257747	CHR6:13257747	SSF x Near_LoA	-9,49435283	-0,119	0,306
CHR6	13257770	CHR6:13257770	SSF x Near_LoA	-10,0799168	0,060	0,310
CHR6	13257796	CHR6:13257796	SSF x Near_LoA	-10,041352	-0,042	0,300
CHR6	13261985	CHR6:13261985	SSF x Near_LoA	-9,73653578	0,078	0,293
CHR6	13263264	CHR6:13263264	SSF x Near_LoA	-10,9885122	-0,011	0,310
CHR6	13263267	CHR6:13263267	SSF x Near_LoA	-7,08928112	-0,006	0,306
CHR6	13263287	CHR6:13263287	SSF x Near_LoA	-11,1560964	-0,002	0,315
CHR6	13263318	CHR6:13263318	SSF x Near_LoA	-10,5093514	-0,064	0,299
CHR6	13268517	CHR6:13268517	SSF x Near_LoA	-2,24922612	-0,120	0,305
CHR6	13268530	CHR6:13268530	SSF x Near_LoA	-7,35716828	-0,111	0,303
CHR6	13268540	CHR6:13268540	SSF x Near_LoA	-11,0763892	-0,020	0,311
CHR6	13268589	CHR6:13268589	SSF x Near_LoA	-9,22924757	0,056	0,318
CHR6	13272953	CHR6:13272953	SSF x Near_LoA	-8,62849261	-0,015	0,311
CHR6	13272958	CHR6:13272958	SSF x Near_LoA	-3,49333087	0,136	0,300
CHR6	13273044	CHR6:13273044	SSF x Near_LoA	-9,42118003	0,056	0,316
CHR6	13278104	CHR6:13278104	SSF x Near_LoA	-10,3821238	-0,017	0,301
CHR6	13278105	CHR6:13278105	SSF x Near_LoA	-8,76493138	0,013	0,310
CHR6	13280054	CHR6:13280054	SSF x Near_LoA	-9,42465129	0,086	0,306
CHR6	13280174	CHR6:13280174	SSF x Near_LoA	-11,5862995	-0,052	0,312
CHR6	13284046	CHR6:13284046	SSF x Near_LoA	-11,4152663	-0,031	0,317
CHR6	1329828	CHR6:1329828	SSF x Near_LoA	-11,3002733	-0,093	0,322
CHR6	1329832	CHR6:1329832	SSF x Near_LoA	-10,0594458	-0,075	0,319
CHR6	1331427	CHR6:1331427	SSF x Near_LoA	-7,7177226	-0,140	0,305
CHR6	1331453	CHR6:1331453	SSF x Near_LoA	-11,3341796	0,035	0,307
CHR6	13324553	CHR6:13324553	SSF x Near_LoA	-9,46424028	0,057	0,303
CHR6	13324669	CHR6:13324669	SSF x Near_LoA	-9,93221135	0,051	0,304
CHR6	13324670	CHR6:13324670	SSF x Near_LoA	-9,31196358	0,050	0,319
CHR6	13329506	CHR6:13329506	SSF x Near_LoA	-8,15484552	0,050	0,309
CHR6	13334755	CHR6:13334755	SSF x Near_LoA	-9,27611809	-0,099	0,314
CHR6	13334823	CHR6:13334823	SSF x Near_LoA	-8,78096708	-0,036	0,320
CHR6	13335756	CHR6:13335756	SSF x Near_LoA	-11,6828518	0,015	0,320
CHR6	13335768	CHR6:13335768	SSF x Near_LoA	-10,0227127	-0,042	0,318
CHR6	13335826	CHR6:13335826	SSF x Near_LoA	-9,44713693	-0,062	0,311
CHR6	13335880	CHR6:13335880	SSF x Near_LoA	-11,4146003	0,030	0,299
CHR6	13341737	CHR6:13341737	SSF x Near_LoA	-8,43579273	-0,049	0,307
CHR6	13341761	CHR6:13341761	SSF x Near_LoA	-10,0264105	-0,078	0,294
CHR6	13341812	CHR6:13341812	SSF x Near_LoA	-10,2869883	0,029	0,296
CHR6	13341821	CHR6:13341821	SSF x Near_LoA	-7,19713206	0,113	0,306

CHR6	13341837	CHR6:13341837	SSF x Near_LoA	-6,76769785	-0,176	0,291
CHR6	13341842	CHR6:13341842	SSF x Near_LoA	-9,21995027	-0,045	0,300
CHR6	13341852	CHR6:13341852	SSF x Near_LoA	-8,75541862	-0,084	0,305
CHR6	13342449	CHR6:13342449	SSF x Near_LoA	-7,5113369	-0,124	0,305
CHR6	13342517	CHR6:13342517	SSF x Near_LoA	-11,4444042	-0,053	0,285
CHR6	13345245	CHR6:13345245	SSF x Near_LoA	-9,54122019	0,009	0,299
CHR6	13345292	CHR6:13345292	SSF x Near_LoA	-10,9473294	-0,054	0,300
CHR6	13345381	CHR6:13345381	SSF x Near_LoA	-8,85072772	-0,082	0,308
CHR6	13345445	CHR6:13345445	SSF x Near_LoA	-11,3846931	-0,018	0,294
CHR6	13351300	CHR6:13351300	SSF x Near_LoA	-8,57431627	-0,045	0,324
CHR6	1335409	CHR6:1335409	SSF x Near_LoA	-8,92106743	-0,060	0,306
CHR6	1335416	CHR6:1335416	SSF x Near_LoA	-8,03418151	-0,133	0,312
CHR6	13370622	CHR6:13370622	SSF x Near_LoA	-10,5495101	0,015	0,303
CHR6	13385314	CHR6:13385314	SSF x Near_LoA	-10,9741042	-0,049	0,308
CHR6	13439048	CHR6:13439048	SSF x Near_LoA	-8,85334976	0,008	0,318
CHR6	13439084	CHR6:13439084	SSF x Near_LoA	-8,86120598	-0,010	0,316
CHR6	13439099	CHR6:13439099	SSF x Near_LoA	-7,22367454	-0,014	0,324
CHR6	13439127	CHR6:13439127	SSF x Near_LoA	-8,77533498	-0,008	0,326
CHR6	13454605	CHR6:13454605	SSF x Near_LoA	-8,81145614	-0,014	0,320
CHR6	13454673	CHR6:13454673	SSF x Near_LoA	-8,48030716	0,014	0,310
CHR6	13454712	CHR6:13454712	SSF x Near_LoA	-4,77681094	-0,017	0,327
CHR6	13500881	CHR6:13500881	SSF x Near_LoA	-11,3312012	0,001	0,326
CHR6	13500924	CHR6:13500924	SSF x Near_LoA	-6,99013047	0,123	0,293
CHR6	1352183	CHR6:1352183	SSF x Near_LoA	-9,01449388	0,050	0,295
CHR6	13603823	CHR6:13603823	SSF x Near_LoA	-7,11675768	-0,013	0,326
CHR6	13603878	CHR6:13603878	SSF x Near_LoA	-9,12809805	-0,027	0,318
CHR6	13603886	CHR6:13603886	SSF x Near_LoA	-4,13907561	-0,024	0,328
CHR6	13603901	CHR6:13603901	SSF x Near_LoA	-7,11519295	0,009	0,316
CHR6	13603903	CHR6:13603903	SSF x Near_LoA	-7,60774213	0,013	0,331
CHR6	13603912	CHR6:13603912	SSF x Near_LoA	-8,95142658	0,006	0,317
CHR6	13603985	CHR6:13603985	SSF x Near_LoA	-8,59229069	-0,024	0,317
CHR6	13603986	CHR6:13603986	SSF x Near_LoA	-6,44974384	0,009	0,320
CHR6	13604014	CHR6:13604014	SSF x Near_LoA	-8,39728716	-0,037	0,325
CHR6	13604052	CHR6:13604052	SSF x Near_LoA	-8,02110061	-0,003	0,320
CHR6	13604063	CHR6:13604063	SSF x Near_LoA	-7,96443513	0,001	0,325
CHR6	13604104	CHR6:13604104	SSF x Near_LoA	-7,92095017	-0,012	0,323
CHR6	13604106	CHR6:13604106	SSF x Near_LoA	-8,75112148	0,032	0,311
CHR6	13604115	CHR6:13604115	SSF x Near_LoA	-8,60137858	0,006	0,314
CHR6	13604141	CHR6:13604141	SSF x Near_LoA	-8,74461664	-0,010	0,320
CHR6	13604142	CHR6:13604142	SSF x Near_LoA	-8,62635953	-0,029	0,314
CHR6	1362247	CHR6:1362247	SSF x Near_LoA	-11,5312283	0,045	0,294
CHR6	1362358	CHR6:1362358	SSF x Near_LoA	-9,39252502	0,012	0,303
CHR6	1362389	CHR6:1362389	SSF x Near_LoA	-7,60272722	0,026	0,316
CHR6	1362469	CHR6:1362469	SSF x Near_LoA	-10,338756	0,006	0,303
CHR6	1362470	CHR6:1362470	SSF x Near_LoA	-9,81506513	0,005	0,312
CHR6	13628010	CHR6:13628010	SSF x Near_LoA	-10,736262	0,080	0,306
CHR6	1364299	CHR6:1364299	SSF x Near_LoA	-10,6954734	0,074	0,308
CHR6	13644282	CHR6:13644282	SSF x Near_LoA	-10,8418446	0,047	0,308
CHR6	1364449	CHR6:1364449	SSF x Near_LoA	-10,5229725	0,040	0,301
CHR6	1364502	CHR6:1364502	SSF x Near_LoA	-11,0386378	0,056	0,296
CHR6	1364510	CHR6:1364510	SSF x Near_LoA	-9,47895587	-0,094	0,308
CHR6	1364514	CHR6:1364514	SSF x Near_LoA	-9,62297376	-0,115	0,299
CHR6	1367132	CHR6:1367132	SSF x Near_LoA	-9,59009048	0,019	0,314

CHR6	1367216	CHR6:1367216	SSF x Near_LoA	-11,4695662	-0,104	0,297
CHR6	1367240	CHR6:1367240	SSF x Near_LoA	-9,35698629	0,058	0,293
CHR6	1367334	CHR6:1367334	SSF x Near_LoA	-7,95650273	-0,007	0,319
CHR6	1367341	CHR6:1367341	SSF x Near_LoA	-9,44041469	0,025	0,314
CHR6	1368281	CHR6:1368281	SSF x Near_LoA	-6,6756046	0,036	0,302
CHR6	1368300	CHR6:1368300	SSF x Near_LoA	-6,95283701	-0,108	0,310
CHR6	13734826	CHR6:13734826	SSF x Near_LoA	-8,94555436	-0,045	0,315
CHR6	13734862	CHR6:13734862	SSF x Near_LoA	-7,82405273	0,030	0,310
CHR6	13734875	CHR6:13734875	SSF x Near_LoA	-6,85891406	-0,114	0,320
CHR6	13734904	CHR6:13734904	SSF x Near_LoA	-8,35489534	-0,007	0,310
CHR6	1374202	CHR6:1374202	SSF x Near_LoA	-8,2126268	-0,093	0,310
CHR6	1374266	CHR6:1374266	SSF x Near_LoA	-7,87007253	-0,170	0,313
CHR6	1374429	CHR6:1374429	SSF x Near_LoA	-8,42845403	0,003	0,306
CHR6	13795949	CHR6:13795949	SSF x Near_LoA	-10,5664897	0,091	0,310
CHR6	13805750	CHR6:13805750	SSF x Near_LoA	-7,7578144	0,014	0,308
CHR6	13805788	CHR6:13805788	SSF x Near_LoA	-9,7122547	0,023	0,301
CHR6	13805792	CHR6:13805792	SSF x Near_LoA	-8,37881909	0,042	0,327
CHR6	13805837	CHR6:13805837	SSF x Near_LoA	-8,10130527	-0,017	0,317
CHR6	13805850	CHR6:13805850	SSF x Near_LoA	-3,28460736	0,036	0,314
CHR6	13805855	CHR6:13805855	SSF x Near_LoA	-7,81950078	0,021	0,315
CHR6	13805866	CHR6:13805866	SSF x Near_LoA	-6,5414557	0,009	0,317
CHR6	13805895	CHR6:13805895	SSF x Near_LoA	-8,71044461	-0,009	0,326
CHR6	13805936	CHR6:13805936	SSF x Near_LoA	-9,42521603	-0,033	0,305
CHR6	13805948	CHR6:13805948	SSF x Near_LoA	-8,72199993	-0,022	0,303
CHR6	13814547	CHR6:13814547	SSF x Near_LoA	-7,82396883	-0,017	0,301
CHR6	13817120	CHR6:13817120	SSF x Near_LoA	-10,2379398	-0,041	0,304
CHR6	13828745	CHR6:13828745	SSF x Near_LoA	-8,27554638	0,018	0,320
CHR6	13828867	CHR6:13828867	SSF x Near_LoA	-8,19672913	0,008	0,314
CHR6	13841631	CHR6:13841631	SSF x Near_LoA	-8,83179228	0,003	0,324
CHR6	13841650	CHR6:13841650	SSF x Near_LoA	-8,11188183	0,017	0,320
CHR6	13841727	CHR6:13841727	SSF x Near_LoA	-8,58563835	0,017	0,319
CHR6	13895964	CHR6:13895964	SSF x Near_LoA	-10,5595688	0,051	0,297
CHR6	13917176	CHR6:13917176	SSF x Near_LoA	-9,61910374	0,083	0,322
CHR6	13963660	CHR6:13963660	SSF x Near_LoA	-9,03940052	0,020	0,314
CHR6	13963775	CHR6:13963775	SSF x Near_LoA	-8,04339476	0,036	0,326
CHR6	13963785	CHR6:13963785	SSF x Near_LoA	-8,96295095	0,021	0,327
CHR6	14002011	CHR6:14002011	SSF x Near_LoA	-8,96478656	-0,027	0,311
CHR6	14002044	CHR6:14002044	SSF x Near_LoA	-7,60786122	0,005	0,310
CHR6	14002082	CHR6:14002082	SSF x Near_LoA	-9,32774618	0,007	0,302
CHR6	14045718	CHR6:14045718	SSF x Near_LoA	-10,5290149	-0,026	0,297
CHR6	14045815	CHR6:14045815	SSF x Near_LoA	-10,4523402	0,102	0,315
CHR6	14061249	CHR6:14061249	SSF x Near_LoA	-8,99954432	0,023	0,313
CHR6	14061273	CHR6:14061273	SSF x Near_LoA	-8,71615126	0,017	0,320
CHR6	14061290	CHR6:14061290	SSF x Near_LoA	-7,67322621	0,002	0,320
CHR6	14104948	CHR6:14104948	SSF x Near_LoA	-8,38213933	-0,107	0,307
CHR6	1410724	CHR6:1410724	SSF x Near_LoA	-9,7873686	0,004	0,300
CHR6	14120221	CHR6:14120221	SSF x Near_LoA	-9,60701763	0,045	0,296
CHR6	14120319	CHR6:14120319	SSF x Near_LoA	-8,55734699	0,041	0,295
CHR6	14122444	CHR6:14122444	SSF x Near_LoA	-8,49507671	0,067	0,287
CHR6	14132450	CHR6:14132450	SSF x Near_LoA	-8,70644233	-0,074	0,306
CHR6	14132476	CHR6:14132476	SSF x Near_LoA	-9,62652959	-0,057	0,306
CHR6	14142373	CHR6:14142373	SSF x Near_LoA	-8,98989816	0,087	0,316
CHR6	14142422	CHR6:14142422	SSF x Near_LoA	-8,74704633	0,074	0,290

CHR6	14149623	CHR6:14149623	SSF x Near_LoA	-7,11919455	-0,039	0,316
CHR6	14171774	CHR6:14171774	SSF x Near_LoA	-8,74759513	-0,031	0,297
CHR6	14177390	CHR6:14177390	SSF x Near_LoA	-8,8793464	0,090	0,308
CHR6	14185854	CHR6:14185854	SSF x Near_LoA	-7,82235503	-0,101	0,312
CHR6	14197375	CHR6:14197375	SSF x Near_LoA	-8,82780117	0,046	0,312
CHR6	14197391	CHR6:14197391	SSF x Near_LoA	-9,21325795	0,023	0,324
CHR6	14197394	CHR6:14197394	SSF x Near_LoA	-8,89013847	0,015	0,317
CHR6	14197413	CHR6:14197413	SSF x Near_LoA	-7,72648201	0,003	0,311
CHR6	14216029	CHR6:14216029	SSF x Near_LoA	-9,28232132	-0,022	0,311
CHR6	14217520	CHR6:14217520	SSF x Near_LoA	-10,5881307	0,033	0,305
CHR6	14217535	CHR6:14217535	SSF x Near_LoA	-10,127355	0,076	0,305
CHR6	14217631	CHR6:14217631	SSF x Near_LoA	-9,3830728	-0,065	0,311
CHR6	14225209	CHR6:14225209	SSF x Near_LoA	-11,5326201	-0,005	0,313
CHR6	14225215	CHR6:14225215	SSF x Near_LoA	-11,4699281	-0,039	0,307
CHR6	14225221	CHR6:14225221	SSF x Near_LoA	-11,1368356	-0,017	0,312
CHR6	14225224	CHR6:14225224	SSF x Near_LoA	-11,3127646	0,014	0,297
CHR6	14225226	CHR6:14225226	SSF x Near_LoA	-11,7785515	0,004	0,308
CHR6	14225257	CHR6:14225257	SSF x Near_LoA	-10,6235877	0,019	0,316
CHR6	14225302	CHR6:14225302	SSF x Near_LoA	-11,5373731	0,013	0,312
CHR6	14225320	CHR6:14225320	SSF x Near_LoA	-11,5450764	-0,006	0,301
CHR6	14225335	CHR6:14225335	SSF x Near_LoA	-11,7312227	0,022	0,301
CHR6	14225456	CHR6:14225456	SSF x Near_LoA	-7,97723691	-0,054	0,326
CHR6	14230420	CHR6:14230420	SSF x Near_LoA	-10,4200054	-0,056	0,329
CHR6	14230512	CHR6:14230512	SSF x Near_LoA	-10,7349205	0,074	0,306
CHR6	14230522	CHR6:14230522	SSF x Near_LoA	-8,63401296	-0,040	0,311
CHR6	14239441	CHR6:14239441	SSF x Near_LoA	-8,55941521	0,063	0,311
CHR6	14239540	CHR6:14239540	SSF x Near_LoA	-8,41945822	0,041	0,309
CHR6	14239995	CHR6:14239995	SSF x Near_LoA	-8,43038207	0,002	0,318
CHR6	14239997	CHR6:14239997	SSF x Near_LoA	-9,23141684	0,010	0,310
CHR6	14240004	CHR6:14240004	SSF x Near_LoA	-7,2480572	0,006	0,322
CHR6	14240014	CHR6:14240014	SSF x Near_LoA	-8,06664303	-0,016	0,328
CHR6	14240021	CHR6:14240021	SSF x Near_LoA	-8,48006381	0,005	0,324
CHR6	14240035	CHR6:14240035	SSF x Near_LoA	-5,83960388	0,004	0,321
CHR6	14240045	CHR6:14240045	SSF x Near_LoA	-8,29726171	-0,015	0,316
CHR6	14240054	CHR6:14240054	SSF x Near_LoA	-8,57093084	-0,039	0,318
CHR6	14240062	CHR6:14240062	SSF x Near_LoA	-7,47660466	-0,002	0,319
CHR6	14240078	CHR6:14240078	SSF x Near_LoA	-7,64665618	-0,020	0,316
CHR6	1425652	CHR6:1425652	SSF x Near_LoA	-10,5689625	-0,081	0,321
CHR6	1425681	CHR6:1425681	SSF x Near_LoA	-8,84264613	-0,071	0,320
CHR6	14274344	CHR6:14274344	SSF x Near_LoA	-10,7235027	0,082	0,291
CHR6	14278522	CHR6:14278522	SSF x Near_LoA	-11,1173597	0,077	0,300
CHR6	14313286	CHR6:14313286	SSF x Near_LoA	-8,21896608	-0,024	0,322
CHR6	14313326	CHR6:14313326	SSF x Near_LoA	-8,55538275	-0,002	0,316
CHR6	1432273	CHR6:1432273	SSF x Near_LoA	-9,46939657	-0,050	0,326
CHR6	1432360	CHR6:1432360	SSF x Near_LoA	-9,67500981	-0,060	0,298
CHR6	14324446	CHR6:14324446	SSF x Near_LoA	-11,3578008	0,019	0,307
CHR6	14324477	CHR6:14324477	SSF x Near_LoA	-10,0414949	0,028	0,301
CHR6	14331385	CHR6:14331385	SSF x Near_LoA	-7,59572019	0,005	0,314
CHR6	14343889	CHR6:14343889	SSF x Near_LoA	-11,2570714	0,118	0,301
CHR6	14353585	CHR6:14353585	SSF x Near_LoA	-8,33214087	-0,041	0,312
CHR6	1435446	CHR6:1435446	SSF x Near_LoA	-9,30769382	0,042	0,298
CHR6	14359793	CHR6:14359793	SSF x Near_LoA	-6,91696537	-0,104	0,316
CHR6	14366786	CHR6:14366786	SSF x Near_LoA	-9,65745315	0,062	0,313

CHR6	14366910	CHR6:14366910	SSF x Near_LoA	-11,3048376	-0,044	0,313
CHR6	1437745	CHR6:1437745	SSF x Near_LoA	-8,23618826	-0,013	0,318
CHR6	1437757	CHR6:1437757	SSF x Near_LoA	-9,57939598	0,096	0,298
CHR6	1438479	CHR6:1438479	SSF x Near_LoA	-10,9719138	-0,030	0,302
CHR6	1438519	CHR6:1438519	SSF x Near_LoA	-6,05055991	0,080	0,313
CHR6	1438541	CHR6:1438541	SSF x Near_LoA	-6,66735638	0,123	0,311
CHR6	14398251	CHR6:14398251	SSF x Near_LoA	-10,7827479	0,032	0,313
CHR6	14398301	CHR6:14398301	SSF x Near_LoA	-7,61503111	-0,083	0,300
CHR6	14398309	CHR6:14398309	SSF x Near_LoA	-5,28255088	-0,114	0,301
CHR6	14398332	CHR6:14398332	SSF x Near_LoA	-10,4224674	-0,087	0,305
CHR6	14398773	CHR6:14398773	SSF x Near_LoA	-6,90719135	-0,048	0,314
CHR6	14398806	CHR6:14398806	SSF x Near_LoA	-11,5695234	-0,004	0,309
CHR6	14400985	CHR6:14400985	SSF x Near_LoA	-9,96070888	0,055	0,297
CHR6	14415233	CHR6:14415233	SSF x Near_LoA	-10,9126091	0,054	0,307
CHR6	14415279	CHR6:14415279	SSF x Near_LoA	-9,14406775	-0,040	0,297
CHR6	14423269	CHR6:14423269	SSF x Near_LoA	-7,08663478	0,016	0,318
CHR6	14424230	CHR6:14424230	SSF x Near_LoA	1,52814273	0,017	0,316
CHR6	14450108	CHR6:14450108	SSF x Near_LoA	-9,1772955	0,025	0,277
CHR6	14450156	CHR6:14450156	SSF x Near_LoA	-8,74745386	-0,062	0,298
CHR6	14452002	CHR6:14452002	SSF x Near_LoA	-9,20819886	-0,033	0,305
CHR6	14452005	CHR6:14452005	SSF x Near_LoA	-9,38654789	-0,008	0,297
CHR6	14452063	CHR6:14452063	SSF x Near_LoA	-8,69810393	-0,013	0,292
CHR6	14452125	CHR6:14452125	SSF x Near_LoA	-7,75059531	0,131	0,295
CHR6	14452170	CHR6:14452170	SSF x Near_LoA	-7,50882947	0,093	0,305
CHR6	14452189	CHR6:14452189	SSF x Near_LoA	-9,29822855	-0,066	0,305
CHR6	14452266	CHR6:14452266	SSF x Near_LoA	-8,97661667	-0,022	0,302
CHR6	14458132	CHR6:14458132	SSF x Near_LoA	-7,0646793	-0,059	0,300
CHR6	14510194	CHR6:14510194	SSF x Near_LoA	-6,04915064	-0,106	0,315
CHR6	14510213	CHR6:14510213	SSF x Near_LoA	-10,6833839	0,097	0,294
CHR6	14511701	CHR6:14511701	SSF x Near_LoA	-8,87714509	0,019	0,308
CHR6	14511706	CHR6:14511706	SSF x Near_LoA	-9,25753473	0,014	0,310
CHR6	14511750	CHR6:14511750	SSF x Near_LoA	-11,7872954	0,024	0,313
CHR6	14511762	CHR6:14511762	SSF x Near_LoA	-9,70378094	0,001	0,311
CHR6	14511774	CHR6:14511774	SSF x Near_LoA	-9,14409223	-0,019	0,317
CHR6	14511780	CHR6:14511780	SSF x Near_LoA	-8,41473848	-0,002	0,317
CHR6	14511782	CHR6:14511782	SSF x Near_LoA	-8,8033812	0,003	0,309
CHR6	14513621	CHR6:14513621	SSF x Near_LoA	-9,03972703	-0,002	0,314
CHR6	14513650	CHR6:14513650	SSF x Near_LoA	-9,47914407	0,019	0,304
CHR6	14513678	CHR6:14513678	SSF x Near_LoA	-10,5833274	0,035	0,309
CHR6	14513688	CHR6:14513688	SSF x Near_LoA	-11,1366421	-0,122	0,304
CHR6	14517162	CHR6:14517162	SSF x Near_LoA	-9,45242535	-0,066	0,303
CHR6	14517197	CHR6:14517197	SSF x Near_LoA	-8,81438888	0,031	0,305
CHR6	14517198	CHR6:14517198	SSF x Near_LoA	-9,32214323	0,018	0,296
CHR6	14517240	CHR6:14517240	SSF x Near_LoA	-10,8055017	-0,051	0,287
CHR6	14517245	CHR6:14517245	SSF x Near_LoA	-9,67009276	-0,024	0,308
CHR6	14517249	CHR6:14517249	SSF x Near_LoA	-10,7911563	-0,039	0,294
CHR6	14519867	CHR6:14519867	SSF x Near_LoA	-7,99720832	0,122	0,302
CHR6	14528990	CHR6:14528990	SSF x Near_LoA	-9,00190198	0,020	0,302
CHR6	14529048	CHR6:14529048	SSF x Near_LoA	-9,04818651	0,034	0,313
CHR6	14557759	CHR6:14557759	SSF x Near_LoA	-9,49178059	-0,011	0,320
CHR6	14557782	CHR6:14557782	SSF x Near_LoA	-10,0983097	-0,066	0,288
CHR6	14557855	CHR6:14557855	SSF x Near_LoA	-8,99918635	-0,056	0,315
CHR6	14559794	CHR6:14559794	SSF x Near_LoA	-9,14594	-0,078	0,306

CHR6	14559798	CHR6:14559798	SSF x Near_LoA	-6,95531185	-0,009	0,312
CHR6	14563263	CHR6:14563263	SSF x Near_LoA	5,60734818	-0,148	0,302
CHR6	14563292	CHR6:14563292	SSF x Near_LoA	-8,56384475	-0,011	0,305
CHR6	1456990	CHR6:1456990	SSF x Near_LoA	-8,62733092	-0,108	0,301
CHR6	1457018	CHR6:1457018	SSF x Near_LoA	-8,09437004	0,051	0,311
CHR6	1457048	CHR6:1457048	SSF x Near_LoA	-8,73978932	-0,029	0,299
CHR6	14570530	CHR6:14570530	SSF x Near_LoA	-8,45276036	0,061	0,307
CHR6	14570642	CHR6:14570642	SSF x Near_LoA	-10,6562803	-0,022	0,305
CHR6	14570667	CHR6:14570667	SSF x Near_LoA	-10,2979049	-0,040	0,294
CHR6	14570754	CHR6:14570754	SSF x Near_LoA	-10,1781915	-0,105	0,313
CHR6	1457095	CHR6:1457095	SSF x Near_LoA	-8,68158818	0,048	0,311
CHR6	14575724	CHR6:14575724	SSF x Near_LoA	-8,63190875	0,099	0,301
CHR6	14575728	CHR6:14575728	SSF x Near_LoA	-6,66065513	0,090	0,307
CHR6	14575763	CHR6:14575763	SSF x Near_LoA	-7,63984244	0,079	0,307
CHR6	14575804	CHR6:14575804	SSF x Near_LoA	-8,89165589	-0,017	0,308
CHR6	14575832	CHR6:14575832	SSF x Near_LoA	-10,6818392	-0,061	0,314
CHR6	14575872	CHR6:14575872	SSF x Near_LoA	-9,67209806	0,009	0,306
CHR6	14575893	CHR6:14575893	SSF x Near_LoA	-9,94314931	-0,026	0,304
CHR6	14582666	CHR6:14582666	SSF x Near_LoA	-9,09577021	0,091	0,296
CHR6	14582718	CHR6:14582718	SSF x Near_LoA	-9,64762527	-0,023	0,311
CHR6	14582745	CHR6:14582745	SSF x Near_LoA	-8,85879057	-0,008	0,301
CHR6	14582775	CHR6:14582775	SSF x Near_LoA	-8,47225449	0,068	0,302
CHR6	14582799	CHR6:14582799	SSF x Near_LoA	-8,15167973	0,027	0,293
CHR6	14597996	CHR6:14597996	SSF x Near_LoA	-8,49499369	-0,085	0,301
CHR6	14598062	CHR6:14598062	SSF x Near_LoA	-9,47261103	0,056	0,305
CHR6	14598205	CHR6:14598205	SSF x Near_LoA	-6,5731684	-0,092	0,307
CHR6	1460125	CHR6:1460125	SSF x Near_LoA	-8,82350538	-0,005	0,300
CHR6	1460251	CHR6:1460251	SSF x Near_LoA	-11,03294	-0,069	0,299
CHR6	1460256	CHR6:1460256	SSF x Near_LoA	-9,5020123	0,079	0,312
CHR6	14602962	CHR6:14602962	SSF x Near_LoA	-10,6586175	0,022	0,300
CHR6	14613714	CHR6:14613714	SSF x Near_LoA	-8,16539328	0,023	0,314
CHR6	14613847	CHR6:14613847	SSF x Near_LoA	-9,3398702	0,005	0,299
CHR6	14622501	CHR6:14622501	SSF x Near_LoA	-9,23455803	0,024	0,307
CHR6	14626024	CHR6:14626024	SSF x Near_LoA	-9,63818996	-0,068	0,312
CHR6	14626079	CHR6:14626079	SSF x Near_LoA	-8,27716737	-0,008	0,305
CHR6	14626101	CHR6:14626101	SSF x Near_LoA	-8,80072535	0,087	0,311
CHR6	14646928	CHR6:14646928	SSF x Near_LoA	-9,80024691	0,048	0,297
CHR6	14646946	CHR6:14646946	SSF x Near_LoA	-8,12822352	-0,116	0,318
CHR6	14647060	CHR6:14647060	SSF x Near_LoA	-8,90209218	-0,066	0,310
CHR6	14647101	CHR6:14647101	SSF x Near_LoA	-5,63763825	0,039	0,303
CHR6	14647127	CHR6:14647127	SSF x Near_LoA	-8,49793731	0,088	0,302
CHR6	14650349	CHR6:14650349	SSF x Near_LoA	-9,66848726	-0,093	0,300
CHR6	14650370	CHR6:14650370	SSF x Near_LoA	-9,17791884	-0,080	0,321
CHR6	14650434	CHR6:14650434	SSF x Near_LoA	-12,1226531	-0,026	0,307
CHR6	14650437	CHR6:14650437	SSF x Near_LoA	-11,0719664	-0,022	0,308
CHR6	14650448	CHR6:14650448	SSF x Near_LoA	-11,5265536	-0,036	0,294
CHR6	14650454	CHR6:14650454	SSF x Near_LoA	-7,52627978	0,000	0,299
CHR6	14650463	CHR6:14650463	SSF x Near_LoA	-11,3743302	0,033	0,323
CHR6	14650470	CHR6:14650470	SSF x Near_LoA	-10,3893502	-0,034	0,313
CHR6	14650606	CHR6:14650606	SSF x Near_LoA	-8,63035978	-0,030	0,324
CHR6	1465472	CHR6:1465472	SSF x Near_LoA	-9,47139042	-0,087	0,303
CHR6	1465476	CHR6:1465476	SSF x Near_LoA	-7,97981243	0,026	0,310
CHR6	14656723	CHR6:14656723	SSF x Near_LoA	-5,42942682	0,139	0,311

CHR6	14657793	CHR6:14657793	SSF x Near_LoA	-5,69330756	0,111	0,316
CHR6	14657794	CHR6:14657794	SSF x Near_LoA	-6,89120146	0,117	0,305
CHR6	14657859	CHR6:14657859	SSF x Near_LoA	-7,5219667	-0,102	0,304
CHR6	14657882	CHR6:14657882	SSF x Near_LoA	-11,1335096	0,008	0,312
CHR6	14657941	CHR6:14657941	SSF x Near_LoA	-5,8492967	0,202	0,294
CHR6	14657970	CHR6:14657970	SSF x Near_LoA	-11,0571935	0,059	0,311
CHR6	14657982	CHR6:14657982	SSF x Near_LoA	-0,62298261	0,168	0,307
CHR6	14658023	CHR6:14658023	SSF x Near_LoA	-4,80950794	0,190	0,299
CHR6	14661128	CHR6:14661128	SSF x Near_LoA	-2,91797238	-0,158	0,288
CHR6	14661205	CHR6:14661205	SSF x Near_LoA	-10,4980669	-0,044	0,296
CHR6	14666569	CHR6:14666569	SSF x Near_LoA	-8,44172135	0,014	0,300
CHR6	14666573	CHR6:14666573	SSF x Near_LoA	-9,86377005	-0,053	0,307
CHR6	14666590	CHR6:14666590	SSF x Near_LoA	-11,5717767	0,057	0,314
CHR6	14666621	CHR6:14666621	SSF x Near_LoA	-9,15084721	-0,011	0,311
CHR6	14666622	CHR6:14666622	SSF x Near_LoA	-9,15953562	-0,082	0,309
CHR6	14666626	CHR6:14666626	SSF x Near_LoA	-8,57172612	0,058	0,315
CHR6	14666667	CHR6:14666667	SSF x Near_LoA	-10,9447158	0,082	0,316
CHR6	14670131	CHR6:14670131	SSF x Near_LoA	-8,25340397	-0,105	0,312
CHR6	14684072	CHR6:14684072	SSF x Near_LoA	-9,38875384	0,057	0,314
CHR6	14688865	CHR6:14688865	SSF x Near_LoA	-5,45983534	0,104	0,322
CHR6	14688899	CHR6:14688899	SSF x Near_LoA	-7,42734784	0,132	0,308
CHR6	14689047	CHR6:14689047	SSF x Near_LoA	-9,22668025	-0,109	0,303
CHR6	14689071	CHR6:14689071	SSF x Near_LoA	-9,26044564	0,056	0,302
CHR6	14693872	CHR6:14693872	SSF x Near_LoA	-8,62409935	-0,033	0,319
CHR6	14693879	CHR6:14693879	SSF x Near_LoA	-8,97828638	-0,011	0,304
CHR6	14693897	CHR6:14693897	SSF x Near_LoA	-10,0942201	-0,012	0,324
CHR6	14694065	CHR6:14694065	SSF x Near_LoA	-8,81328375	0,013	0,301
CHR6	14694085	CHR6:14694085	SSF x Near_LoA	-11,0935431	0,002	0,312
CHR6	14694116	CHR6:14694116	SSF x Near_LoA	-11,6100671	-0,001	0,299
CHR6	14694144	CHR6:14694144	SSF x Near_LoA	-9,2985352	-0,099	0,318
CHR6	14694153	CHR6:14694153	SSF x Near_LoA	-7,12811869	-0,125	0,322
CHR6	14694174	CHR6:14694174	SSF x Near_LoA	-8,91758225	-0,139	0,309
CHR6	14700480	CHR6:14700480	SSF x Near_LoA	-10,580877	0,050	0,308
CHR6	14700494	CHR6:14700494	SSF x Near_LoA	-7,48932049	-0,179	0,301
CHR6	14700581	CHR6:14700581	SSF x Near_LoA	-11,4417	0,068	0,303
CHR6	14700587	CHR6:14700587	SSF x Near_LoA	-10,3797458	0,089	0,309
CHR6	14700593	CHR6:14700593	SSF x Near_LoA	-10,040184	0,084	0,304
CHR6	14741581	CHR6:14741581	SSF x Near_LoA	-9,20923368	-0,019	0,323
CHR6	14741586	CHR6:14741586	SSF x Near_LoA	-7,30569183	0,032	0,309
CHR6	14741598	CHR6:14741598	SSF x Near_LoA	-11,0469101	0,046	0,305
CHR6	14741670	CHR6:14741670	SSF x Near_LoA	-8,75446317	0,016	0,317
CHR6	14741671	CHR6:14741671	SSF x Near_LoA	-8,62580767	-0,008	0,317
CHR6	14741720	CHR6:14741720	SSF x Near_LoA	-9,18365718	0,078	0,317
CHR6	14741781	CHR6:14741781	SSF x Near_LoA	-10,5137252	0,008	0,318
CHR6	14741821	CHR6:14741821	SSF x Near_LoA	-9,13239988	0,042	0,307
CHR6	14745834	CHR6:14745834	SSF x Near_LoA	-4,81880916	-0,117	0,291
CHR6	14745835	CHR6:14745835	SSF x Near_LoA	-8,65384858	-0,103	0,299
CHR6	14745865	CHR6:14745865	SSF x Near_LoA	0,81065131	0,110	0,313
CHR6	14745877	CHR6:14745877	SSF x Near_LoA	-10,3836043	-0,027	0,307
CHR6	14750970	CHR6:14750970	SSF x Near_LoA	-8,33723337	-0,118	0,289
CHR6	14751025	CHR6:14751025	SSF x Near_LoA	-8,10658637	-0,035	0,304
CHR6	14751042	CHR6:14751042	SSF x Near_LoA	-11,5922241	0,082	0,294
CHR6	1475973	CHR6:1475973	SSF x Near_LoA	-7,89716947	0,098	0,305

CHR6	1475977	CHR6:1475977	SSF x Near_LoA	-7,13553406	-0,102	0,305
CHR6	1476030	CHR6:1476030	SSF x Near_LoA	-5,39360374	-0,027	0,298
CHR6	1476082	CHR6:1476082	SSF x Near_LoA	-8,92359571	0,053	0,313
CHR6	1476090	CHR6:1476090	SSF x Near_LoA	-8,2982168	0,117	0,305
CHR6	1476135	CHR6:1476135	SSF x Near_LoA	-8,6457519	-0,004	0,302
CHR6	1476137	CHR6:1476137	SSF x Near_LoA	0,98209764	0,093	0,296
CHR6	14770159	CHR6:14770159	SSF x Near_LoA	-9,30548749	-0,012	0,317
CHR6	14770257	CHR6:14770257	SSF x Near_LoA	-9,56624657	-0,004	0,308
CHR6	14770261	CHR6:14770261	SSF x Near_LoA	-8,99686575	0,007	0,309
CHR6	14770282	CHR6:14770282	SSF x Near_LoA	-7,29507671	-0,012	0,316
CHR6	14770343	CHR6:14770343	SSF x Near_LoA	-9,47894875	-0,003	0,311
CHR6	14770344	CHR6:14770344	SSF x Near_LoA	-10,3781428	0,056	0,308
CHR6	1478628	CHR6:1478628	SSF x Near_LoA	-9,76924596	0,116	0,296
CHR6	14791678	CHR6:14791678	SSF x Near_LoA	-9,63805684	-0,069	0,301
CHR6	14791797	CHR6:14791797	SSF x Near_LoA	-8,74360156	-0,086	0,310
CHR6	14791917	CHR6:14791917	SSF x Near_LoA	-11,3939022	-0,004	0,311
CHR6	14794016	CHR6:14794016	SSF x Near_LoA	-11,5560988	0,021	0,317
CHR6	14805715	CHR6:14805715	SSF x Near_LoA	-8,27567466	-0,132	0,295
CHR6	14805743	CHR6:14805743	SSF x Near_LoA	-10,4341737	-0,064	0,314
CHR6	14805766	CHR6:14805766	SSF x Near_LoA	-10,2271121	-0,046	0,311
CHR6	14813510	CHR6:14813510	SSF x Near_LoA	-7,7724794	-0,143	0,305
CHR6	14813599	CHR6:14813599	SSF x Near_LoA	-5,28041779	-0,118	0,314
CHR6	14813623	CHR6:14813623	SSF x Near_LoA	-10,1613741	-0,044	0,318
CHR6	14813641	CHR6:14813641	SSF x Near_LoA	-6,22845893	-0,131	0,309
CHR6	14813649	CHR6:14813649	SSF x Near_LoA	-5,47094657	0,198	0,285
CHR6	14813729	CHR6:14813729	SSF x Near_LoA	-9,56940469	-0,014	0,311
CHR6	14813742	CHR6:14813742	SSF x Near_LoA	-7,51399918	-0,008	0,312
CHR6	1481897	CHR6:1481897	SSF x Near_LoA	-10,8516356	-0,044	0,320
CHR6	1481901	CHR6:1481901	SSF x Near_LoA	-8,98475645	-0,177	0,311
CHR6	1482008	CHR6:1482008	SSF x Near_LoA	-10,175811	0,053	0,304
CHR6	14826953	CHR6:14826953	SSF x Near_LoA	-10,2285649	0,081	0,318
CHR6	14826964	CHR6:14826964	SSF x Near_LoA	-11,5780959	0,086	0,299
CHR6	14827067	CHR6:14827067	SSF x Near_LoA	-11,713821	0,074	0,298
CHR6	14827133	CHR6:14827133	SSF x Near_LoA	-10,8783351	0,095	0,307
CHR6	14827153	CHR6:14827153	SSF x Near_LoA	-10,5349612	0,052	0,299
CHR6	14827157	CHR6:14827157	SSF x Near_LoA	-7,22299059	-0,146	0,304
CHR6	14827178	CHR6:14827178	SSF x Near_LoA	-9,26471665	0,127	0,300
CHR6	14827230	CHR6:14827230	SSF x Near_LoA	-7,64862568	-0,135	0,305
CHR6	14827241	CHR6:14827241	SSF x Near_LoA	-6,72943275	-0,127	0,291
CHR6	14834792	CHR6:14834792	SSF x Near_LoA	-11,1950953	-0,061	0,316
CHR6	14834862	CHR6:14834862	SSF x Near_LoA	-11,1867194	0,012	0,312
CHR6	14834863	CHR6:14834863	SSF x Near_LoA	-8,94426676	0,036	0,304
CHR6	14842018	CHR6:14842018	SSF x Near_LoA	-7,9600352	0,012	0,309
CHR6	14842022	CHR6:14842022	SSF x Near_LoA	-7,64811073	0,016	0,312
CHR6	14842075	CHR6:14842075	SSF x Near_LoA	-11,367501	0,003	0,313
CHR6	14842173	CHR6:14842173	SSF x Near_LoA	-8,87286364	-0,045	0,319
CHR6	14842181	CHR6:14842181	SSF x Near_LoA	-10,6515786	0,022	0,318
CHR6	14842249	CHR6:14842249	SSF x Near_LoA	-9,94224773	-0,005	0,298
CHR6	14842275	CHR6:14842275	SSF x Near_LoA	-10,1406947	-0,028	0,318
CHR6	14845750	CHR6:14845750	SSF x Near_LoA	-8,69156881	-0,071	0,315
CHR6	14845905	CHR6:14845905	SSF x Near_LoA	-11,333732	-0,001	0,319
CHR6	14859380	CHR6:14859380	SSF x Near_LoA	-10,6710368	0,147	0,307
CHR6	14860291	CHR6:14860291	SSF x Near_LoA	-7,12246982	0,107	0,301

CHR6	14860301	CHR6:14860301	SSF x Near_LoA	-5,57977022	0,001	0,324
CHR6	14868877	CHR6:14868877	SSF x Near_LoA	-9,13579086	-0,050	0,327
CHR6	14869116	CHR6:14869116	SSF x Near_LoA	-9,69911687	-0,026	0,300
CHR6	14895055	CHR6:14895055	SSF x Near_LoA	-10,1563842	0,058	0,306
CHR6	14895189	CHR6:14895189	SSF x Near_LoA	-9,88904017	0,074	0,297
CHR6	14896891	CHR6:14896891	SSF x Near_LoA	-9,36179597	-0,064	0,309
CHR6	14896928	CHR6:14896928	SSF x Near_LoA	-10,8904139	-0,029	0,305
CHR6	14896930	CHR6:14896930	SSF x Near_LoA	-9,57358585	-0,007	0,314
CHR6	14896938	CHR6:14896938	SSF x Near_LoA	-5,71740444	0,005	0,295
CHR6	14896953	CHR6:14896953	SSF x Near_LoA	-10,0781385	0,114	0,290
CHR6	14901077	CHR6:14901077	SSF x Near_LoA	-10,1229149	-0,045	0,302
CHR6	14901137	CHR6:14901137	SSF x Near_LoA	-8,06855315	-0,076	0,316
CHR6	14922151	CHR6:14922151	SSF x Near_LoA	-10,0610723	0,067	0,287
CHR6	14922171	CHR6:14922171	SSF x Near_LoA	-8,05263338	0,018	0,306
CHR6	14922186	CHR6:14922186	SSF x Near_LoA	-6,32820174	0,133	0,299
CHR6	14922213	CHR6:14922213	SSF x Near_LoA	-8,16856472	0,122	0,294
CHR6	14922237	CHR6:14922237	SSF x Near_LoA	-7,10081584	0,123	0,292
CHR6	14926393	CHR6:14926393	SSF x Near_LoA	-3,52411874	-0,044	0,320
CHR6	14926466	CHR6:14926466	SSF x Near_LoA	-7,50596077	-0,002	0,322
CHR6	14929027	CHR6:14929027	SSF x Near_LoA	-10,2577692	0,086	0,313
CHR6	14929225	CHR6:14929225	SSF x Near_LoA	-8,13122444	-0,144	0,299
CHR6	14929228	CHR6:14929228	SSF x Near_LoA	-8,7045205	0,028	0,316
CHR6	1494461	CHR6:1494461	SSF x Near_LoA	-4,46392036	-0,182	0,290
CHR6	1494466	CHR6:1494466	SSF x Near_LoA	-11,2698193	-0,068	0,303
CHR6	1494508	CHR6:1494508	SSF x Near_LoA	-9,01345535	-0,028	0,300
CHR6	1494704	CHR6:1494704	SSF x Near_LoA	-6,12815465	-0,096	0,300
CHR6	14968468	CHR6:14968468	SSF x Near_LoA	-8,86204418	0,029	0,304
CHR6	14968593	CHR6:14968593	SSF x Near_LoA	-7,45478045	0,031	0,295
CHR6	14971161	CHR6:14971161	SSF x Near_LoA	-8,91930965	0,052	0,309
CHR6	14971247	CHR6:14971247	SSF x Near_LoA	-8,43414281	0,118	0,301
CHR6	14975254	CHR6:14975254	SSF x Near_LoA	-8,97981173	-0,013	0,312
CHR6	14975257	CHR6:14975257	SSF x Near_LoA	-8,77027798	0,023	0,315
CHR6	14975272	CHR6:14975272	SSF x Near_LoA	-8,42243047	0,005	0,315
CHR6	14975274	CHR6:14975274	SSF x Near_LoA	-11,5730845	-0,002	0,314
CHR6	14975280	CHR6:14975280	SSF x Near_LoA	-8,94520072	0,038	0,303
CHR6	14975302	CHR6:14975302	SSF x Near_LoA	-9,0946701	-0,019	0,306
CHR6	14975349	CHR6:14975349	SSF x Near_LoA	-11,83026	-0,014	0,310
CHR6	1499716	CHR6:1499716	SSF x Near_LoA	-9,86853342	-0,033	0,324
CHR6	1499732	CHR6:1499732	SSF x Near_LoA	-8,31937209	-0,014	0,311
CHR6	15011969	CHR6:15011969	SSF x Near_LoA	-10,490812	0,021	0,315
CHR6	15012180	CHR6:15012180	SSF x Near_LoA	-10,1393969	-0,066	0,324
CHR6	15023041	CHR6:15023041	SSF x Near_LoA	-7,35082288	-0,065	0,316
CHR6	15026491	CHR6:15026491	SSF x Near_LoA	-10,3891165	-0,041	0,317
CHR6	15036529	CHR6:15036529	SSF x Near_LoA	-11,9572188	0,015	0,308
CHR6	15036533	CHR6:15036533	SSF x Near_LoA	-8,24797949	0,022	0,310
CHR6	15036543	CHR6:15036543	SSF x Near_LoA	-10,9726636	0,016	0,294
CHR6	15036561	CHR6:15036561	SSF x Near_LoA	-9,47683387	-0,071	0,317
CHR6	15036628	CHR6:15036628	SSF x Near_LoA	-8,44429656	-0,010	0,311
CHR6	15036714	CHR6:15036714	SSF x Near_LoA	-9,48995951	0,016	0,297
CHR6	15036747	CHR6:15036747	SSF x Near_LoA	-10,1974352	-0,046	0,307
CHR6	15040639	CHR6:15040639	SSF x Near_LoA	-7,70291751	-0,018	0,307
CHR6	15040723	CHR6:15040723	SSF x Near_LoA	-8,91614338	0,060	0,321
CHR6	15044314	CHR6:15044314	SSF x Near_LoA	-11,5405303	-0,021	0,307

CHR6	15044324	CHR6:15044324	SSF x Near_LoA	-11,3476602	-0,046	0,302
CHR6	15045590	CHR6:15045590	SSF x Near_LoA	-9,40997418	0,040	0,310
CHR6	15045632	CHR6:15045632	SSF x Near_LoA	-8,14196168	0,099	0,308
CHR6	15065653	CHR6:15065653	SSF x Near_LoA	-9,64165028	0,105	0,295
CHR6	15065654	CHR6:15065654	SSF x Near_LoA	-8,16153819	0,096	0,298
CHR6	15065781	CHR6:15065781	SSF x Near_LoA	-8,42846562	-0,025	0,314
CHR6	1507137	CHR6:1507137	SSF x Near_LoA	-7,83611968	0,014	0,297
CHR6	15082109	CHR6:15082109	SSF x Near_LoA	-6,52422093	-0,109	0,310
CHR6	15109007	CHR6:15109007	SSF x Near_LoA	-8,26853893	-0,079	0,302
CHR6	15110310	CHR6:15110310	SSF x Near_LoA	-8,68491108	0,038	0,319
CHR6	15111878	CHR6:15111878	SSF x Near_LoA	-10,853013	-0,054	0,291
CHR6	15111883	CHR6:15111883	SSF x Near_LoA	-10,2951667	-0,029	0,313
CHR6	15114662	CHR6:15114662	SSF x Near_LoA	-8,518569	-0,033	0,305
CHR6	15114761	CHR6:15114761	SSF x Near_LoA	-7,57308969	0,121	0,298
CHR6	15115421	CHR6:15115421	SSF x Near_LoA	-9,0799541	0,092	0,289
CHR6	15130094	CHR6:15130094	SSF x Near_LoA	-9,04579163	-0,065	0,316
CHR6	15130157	CHR6:15130157	SSF x Near_LoA	-7,72403639	-0,055	0,319
CHR6	15130174	CHR6:15130174	SSF x Near_LoA	-4,2946298	0,086	0,311
CHR6	15130206	CHR6:15130206	SSF x Near_LoA	-9,40018487	-0,066	0,306
CHR6	15130209	CHR6:15130209	SSF x Near_LoA	-7,42690784	-0,087	0,314
CHR6	15136877	CHR6:15136877	SSF x Near_LoA	-7,92171294	-0,134	0,284
CHR6	15136934	CHR6:15136934	SSF x Near_LoA	-10,5011648	-0,006	0,314
CHR6	1513825	CHR6:1513825	SSF x Near_LoA	-10,3877996	0,117	0,306
CHR6	1513843	CHR6:1513843	SSF x Near_LoA	-9,02262589	-0,021	0,314
CHR6	15139098	CHR6:15139098	SSF x Near_LoA	-5,93862751	0,104	0,292
CHR6	15147151	CHR6:15147151	SSF x Near_LoA	-8,23681335	0,134	0,300
CHR6	15147195	CHR6:15147195	SSF x Near_LoA	-4,99359269	0,172	0,296
CHR6	15147229	CHR6:15147229	SSF x Near_LoA	-11,2924882	0,043	0,306
CHR6	15147258	CHR6:15147258	SSF x Near_LoA	-9,04540894	0,104	0,288
CHR6	15147274	CHR6:15147274	SSF x Near_LoA	-3,88316734	0,115	0,298
CHR6	15149641	CHR6:15149641	SSF x Near_LoA	-11,311718	-0,093	0,300
CHR6	15149654	CHR6:15149654	SSF x Near_LoA	-11,2360612	-0,078	0,306
CHR6	15149657	CHR6:15149657	SSF x Near_LoA	-10,020252	0,006	0,299
CHR6	15149753	CHR6:15149753	SSF x Near_LoA	-9,42496918	0,041	0,309
CHR6	15149805	CHR6:15149805	SSF x Near_LoA	-7,57306963	0,012	0,302
CHR6	15154379	CHR6:15154379	SSF x Near_LoA	-8,67849428	-0,116	0,314
CHR6	15159849	CHR6:15159849	SSF x Near_LoA	-8,74693152	0,079	0,304
CHR6	15159948	CHR6:15159948	SSF x Near_LoA	-10,9524276	-0,005	0,300
CHR6	15160032	CHR6:15160032	SSF x Near_LoA	-3,35908915	0,170	0,309
CHR6	15160067	CHR6:15160067	SSF x Near_LoA	-8,58661054	-0,027	0,317
CHR6	15170691	CHR6:15170691	SSF x Near_LoA	-8,22439718	0,029	0,313
CHR6	15170695	CHR6:15170695	SSF x Near_LoA	-6,50076372	0,119	0,312
CHR6	15170723	CHR6:15170723	SSF x Near_LoA	-8,91393544	0,015	0,306
CHR6	15170804	CHR6:15170804	SSF x Near_LoA	-10,2299489	0,006	0,301
CHR6	15179651	CHR6:15179651	SSF x Near_LoA	-2,82000356	0,151	0,309
CHR6	15179657	CHR6:15179657	SSF x Near_LoA	-8,8030674	0,055	0,327
CHR6	15179662	CHR6:15179662	SSF x Near_LoA	-8,74829887	-0,098	0,287
CHR6	15179704	CHR6:15179704	SSF x Near_LoA	-5,84826043	0,100	0,300
CHR6	15179727	CHR6:15179727	SSF x Near_LoA	-9,15810903	-0,024	0,304
CHR6	15179737	CHR6:15179737	SSF x Near_LoA	-10,80842	0,049	0,309
CHR6	15179746	CHR6:15179746	SSF x Near_LoA	-10,2667735	0,034	0,313
CHR6	15179756	CHR6:15179756	SSF x Near_LoA	-9,99470784	0,026	0,318
CHR6	15179758	CHR6:15179758	SSF x Near_LoA	-9,34094106	-0,037	0,305

CHR6	15179766	CHR6:15179766	SSF x Near_LoA	-10,7743115	-0,082	0,298
CHR6	15191852	CHR6:15191852	SSF x Near_LoA	-10,9606943	-0,083	0,308
CHR6	15191977	CHR6:15191977	SSF x Near_LoA	-11,2687766	-0,027	0,308
CHR6	15197227	CHR6:15197227	SSF x Near_LoA	-9,36804314	-0,058	0,320
CHR6	15210802	CHR6:15210802	SSF x Near_LoA	-9,29743703	0,040	0,310
CHR6	15210837	CHR6:15210837	SSF x Near_LoA	-9,49554356	0,090	0,283
CHR6	15210842	CHR6:15210842	SSF x Near_LoA	-11,4519227	0,041	0,311
CHR6	15210883	CHR6:15210883	SSF x Near_LoA	-7,84673982	0,085	0,297
CHR6	15210899	CHR6:15210899	SSF x Near_LoA	-3,42848685	0,106	0,304
CHR6	15241979	CHR6:15241979	SSF x Near_LoA	-10,0298597	-0,088	0,302
CHR6	15242044	CHR6:15242044	SSF x Near_LoA	-8,7159581	-0,095	0,315
CHR6	15249070	CHR6:15249070	SSF x Near_LoA	-10,7746534	0,031	0,312
CHR6	15249147	CHR6:15249147	SSF x Near_LoA	-9,73746052	-0,076	0,305
CHR6	15261550	CHR6:15261550	SSF x Near_LoA	-5,46012955	-0,183	0,285
CHR6	15261591	CHR6:15261591	SSF x Near_LoA	-7,28666015	0,119	0,298
CHR6	15261647	CHR6:15261647	SSF x Near_LoA	-11,1988593	0,016	0,313
CHR6	15274677	CHR6:15274677	SSF x Near_LoA	-10,591228	0,058	0,299
CHR6	15278361	CHR6:15278361	SSF x Near_LoA	-10,2444045	0,028	0,296
CHR6	15283023	CHR6:15283023	SSF x Near_LoA	-11,0717687	0,017	0,303
CHR6	15296821	CHR6:15296821	SSF x Near_LoA	-6,71406793	-0,103	0,316
CHR6	15296852	CHR6:15296852	SSF x Near_LoA	-8,54484472	-0,121	0,279
CHR6	15296860	CHR6:15296860	SSF x Near_LoA	-6,85499686	-0,180	0,279
CHR6	15296862	CHR6:15296862	SSF x Near_LoA	-6,8922634	-0,173	0,278
CHR6	15296866	CHR6:15296866	SSF x Near_LoA	-4,64417855	-0,149	0,279
CHR6	15296909	CHR6:15296909	SSF x Near_LoA	-8,22472148	-0,097	0,318
CHR6	15296916	CHR6:15296916	SSF x Near_LoA	-2,02210222	-0,201	0,282
CHR6	15317193	CHR6:15317193	SSF x Near_LoA	-6,71421731	-0,109	0,312
CHR6	15317245	CHR6:15317245	SSF x Near_LoA	-10,3368435	0,018	0,311
CHR6	15317408	CHR6:15317408	SSF x Near_LoA	-8,36122049	0,193	0,308
CHR6	153213	CHR6:153213	SSF x Near_LoA	-11,2964248	-0,005	0,303
CHR6	1532247	CHR6:1532247	SSF x Near_LoA	-8,3686281	0,110	0,291
CHR6	1532410	CHR6:1532410	SSF x Near_LoA	-9,04759435	0,112	0,305
CHR6	15326453	CHR6:15326453	SSF x Near_LoA	-10,9920394	0,065	0,298
CHR6	15326639	CHR6:15326639	SSF x Near_LoA	-11,390585	-0,003	0,308
CHR6	15326735	CHR6:15326735	SSF x Near_LoA	-9,99054743	-0,027	0,317
CHR6	15329281	CHR6:15329281	SSF x Near_LoA	-9,04790388	-0,084	0,312
CHR6	15329282	CHR6:15329282	SSF x Near_LoA	-11,2126003	-0,046	0,300
CHR6	15329286	CHR6:15329286	SSF x Near_LoA	-5,0411511	0,123	0,322
CHR6	15329396	CHR6:15329396	SSF x Near_LoA	-8,84582503	0,110	0,314
CHR6	15332830	CHR6:15332830	SSF x Near_LoA	-10,4052746	0,007	0,307
CHR6	15332861	CHR6:15332861	SSF x Near_LoA	-9,21057557	0,085	0,320
CHR6	15332862	CHR6:15332862	SSF x Near_LoA	-10,7964257	0,100	0,318
CHR6	15332869	CHR6:15332869	SSF x Near_LoA	-11,3255294	0,074	0,316
CHR6	15332875	CHR6:15332875	SSF x Near_LoA	-8,75087051	0,092	0,312
CHR6	15332915	CHR6:15332915	SSF x Near_LoA	-9,72459358	-0,034	0,311
CHR6	15332924	CHR6:15332924	SSF x Near_LoA	-9,4857533	-0,021	0,312
CHR6	15333422	CHR6:15333422	SSF x Near_LoA	-8,71790235	0,082	0,296
CHR6	15333497	CHR6:15333497	SSF x Near_LoA	-8,29933356	-0,013	0,304
CHR6	15333498	CHR6:15333498	SSF x Near_LoA	-7,13765436	0,018	0,312
CHR6	15333505	CHR6:15333505	SSF x Near_LoA	-4,14139594	-0,013	0,309
CHR6	15333506	CHR6:15333506	SSF x Near_LoA	-8,39148324	-0,020	0,319
CHR6	15333510	CHR6:15333510	SSF x Near_LoA	-8,74435841	-0,018	0,316
CHR6	15333512	CHR6:15333512	SSF x Near_LoA	-8,98198041	0,017	0,301

CHR6	15333513	CHR6:15333513	SSF x Near_LoA	-3,99184192	-0,099	0,317
CHR6	15333514	CHR6:15333514	SSF x Near_LoA	-8,83906773	-0,087	0,302
CHR6	15333520	CHR6:15333520	SSF x Near_LoA	-8,1452033	0,019	0,315
CHR6	15333525	CHR6:15333525	SSF x Near_LoA	-10,8360153	0,066	0,311
CHR6	15333540	CHR6:15333540	SSF x Near_LoA	-10,225983	0,024	0,308
CHR6	15333546	CHR6:15333546	SSF x Near_LoA	-7,45830322	-0,146	0,316
CHR6	15335265	CHR6:15335265	SSF x Near_LoA	-9,71704954	0,088	0,299
CHR6	15335387	CHR6:15335387	SSF x Near_LoA	-7,46092068	0,088	0,294
CHR6	15335442	CHR6:15335442	SSF x Near_LoA	-8,45786907	0,056	0,311
CHR6	15335465	CHR6:15335465	SSF x Near_LoA	-11,1362488	-0,088	0,305
CHR6	15335501	CHR6:15335501	SSF x Near_LoA	-10,4136885	0,000	0,324
CHR6	15344179	CHR6:15344179	SSF x Near_LoA	-9,44972885	0,014	0,308
CHR6	15344255	CHR6:15344255	SSF x Near_LoA	-11,5750257	0,022	0,306
CHR6	15344272	CHR6:15344272	SSF x Near_LoA	-10,0226099	0,082	0,313
CHR6	15344296	CHR6:15344296	SSF x Near_LoA	-8,66154632	-0,081	0,319
CHR6	15344329	CHR6:15344329	SSF x Near_LoA	-7,97645446	-0,175	0,296
CHR6	15344353	CHR6:15344353	SSF x Near_LoA	-6,01662328	-0,159	0,301
CHR6	15344372	CHR6:15344372	SSF x Near_LoA	-8,88561808	0,035	0,308
CHR6	15344392	CHR6:15344392	SSF x Near_LoA	-8,90354665	0,079	0,316
CHR6	15344399	CHR6:15344399	SSF x Near_LoA	-7,3926135	0,056	0,316
CHR6	15344470	CHR6:15344470	SSF x Near_LoA	-8,45646267	-0,105	0,311
CHR6	15344475	CHR6:15344475	SSF x Near_LoA	-9,15608184	0,043	0,308
CHR6	15344499	CHR6:15344499	SSF x Near_LoA	-9,00497713	-0,050	0,316
CHR6	15348183	CHR6:15348183	SSF x Near_LoA	-9,6360054	-0,017	0,300
CHR6	15348184	CHR6:15348184	SSF x Near_LoA	-7,04664885	0,007	0,310
CHR6	15348185	CHR6:15348185	SSF x Near_LoA	-8,48262568	0,042	0,318
CHR6	15351227	CHR6:15351227	SSF x Near_LoA	-10,1501611	-0,108	0,301
CHR6	15352294	CHR6:15352294	SSF x Near_LoA	-7,99757073	0,095	0,316
CHR6	15352407	CHR6:15352407	SSF x Near_LoA	-10,685836	-0,007	0,305
CHR6	15352558	CHR6:15352558	SSF x Near_LoA	-11,8540986	0,011	0,303
CHR6	1535537	CHR6:1535537	SSF x Near_LoA	-7,34449445	-0,081	0,303
CHR6	1535543	CHR6:1535543	SSF x Near_LoA	-9,65962144	0,008	0,305
CHR6	1535679	CHR6:1535679	SSF x Near_LoA	-10,6253898	-0,095	0,319
CHR6	15373049	CHR6:15373049	SSF x Near_LoA	-8,96492099	-0,020	0,316
CHR6	15373057	CHR6:15373057	SSF x Near_LoA	-7,08141176	-0,097	0,301
CHR6	15373064	CHR6:15373064	SSF x Near_LoA	-11,6022925	-0,067	0,304
CHR6	15373071	CHR6:15373071	SSF x Near_LoA	-9,26032686	0,043	0,306
CHR6	15373090	CHR6:15373090	SSF x Near_LoA	-10,4993185	0,054	0,304
CHR6	15373154	CHR6:15373154	SSF x Near_LoA	-9,37830804	0,005	0,295
CHR6	15373171	CHR6:15373171	SSF x Near_LoA	-10,2493039	0,025	0,312
CHR6	15373177	CHR6:15373177	SSF x Near_LoA	-8,34100409	0,000	0,302
CHR6	15375281	CHR6:15375281	SSF x Near_LoA	-9,01303771	0,001	0,318
CHR6	15375409	CHR6:15375409	SSF x Near_LoA	-8,22657108	-0,044	0,296
CHR6	15375457	CHR6:15375457	SSF x Near_LoA	-8,26970027	0,000	0,312
CHR6	15375474	CHR6:15375474	SSF x Near_LoA	-8,99113727	-0,084	0,310
CHR6	15375519	CHR6:15375519	SSF x Near_LoA	-8,66079143	0,099	0,288
CHR6	15385141	CHR6:15385141	SSF x Near_LoA	-11,1887772	-0,009	0,312
CHR6	15385181	CHR6:15385181	SSF x Near_LoA	-10,090142	0,007	0,305
CHR6	1541065	CHR6:1541065	SSF x Near_LoA	-9,74529381	0,025	0,329
CHR6	1541096	CHR6:1541096	SSF x Near_LoA	-9,47678548	0,030	0,309
CHR6	1541150	CHR6:1541150	SSF x Near_LoA	-6,2126738	0,183	0,299
CHR6	15411668	CHR6:15411668	SSF x Near_LoA	-7,93137144	0,104	0,305
CHR6	15411814	CHR6:15411814	SSF x Near_LoA	-8,28068818	-0,092	0,295

CHR6	1541191	CHR6:1541191	SSF x Near_LoA	-6,79985248	-0,118	0,309
CHR6	15411920	CHR6:15411920	SSF x Near_LoA	-10,7460231	0,026	0,312
CHR6	1541249	CHR6:1541249	SSF x Near_LoA	-10,9979674	0,044	0,313
CHR6	1541266	CHR6:1541266	SSF x Near_LoA	-8,7397783	-0,039	0,323
CHR6	1541274	CHR6:1541274	SSF x Near_LoA	-8,99189189	0,087	0,314
CHR6	15418283	CHR6:15418283	SSF x Near_LoA	-7,5747396	-0,016	0,313
CHR6	15418320	CHR6:15418320	SSF x Near_LoA	-12,1196884	-0,026	0,322
CHR6	15425762	CHR6:15425762	SSF x Near_LoA	-11,5887692	0,038	0,302
CHR6	15446868	CHR6:15446868	SSF x Near_LoA	-11,8998116	-0,059	0,316
CHR6	15446897	CHR6:15446897	SSF x Near_LoA	-9,37046601	0,112	0,304
CHR6	15446906	CHR6:15446906	SSF x Near_LoA	-10,0738567	0,139	0,292
CHR6	15446914	CHR6:15446914	SSF x Near_LoA	-7,86890315	0,080	0,314
CHR6	15446918	CHR6:15446918	SSF x Near_LoA	-10,2654442	-0,031	0,308
CHR6	15446956	CHR6:15446956	SSF x Near_LoA	-8,43138283	0,060	0,300
CHR6	15462167	CHR6:15462167	SSF x Near_LoA	-9,64664653	-0,067	0,316
CHR6	15462193	CHR6:15462193	SSF x Near_LoA	-10,7122172	0,073	0,312
CHR6	15462235	CHR6:15462235	SSF x Near_LoA	-10,6610906	-0,034	0,308
CHR6	15462291	CHR6:15462291	SSF x Near_LoA	-4,9176722	-0,101	0,311
CHR6	15462324	CHR6:15462324	SSF x Near_LoA	-9,07444646	0,019	0,300
CHR6	15462362	CHR6:15462362	SSF x Near_LoA	-6,80686164	-0,036	0,299
CHR6	15462407	CHR6:15462407	SSF x Near_LoA	-6,10139437	-0,085	0,312
CHR6	15462456	CHR6:15462456	SSF x Near_LoA	-9,4111781	0,063	0,301
CHR6	15471719	CHR6:15471719	SSF x Near_LoA	-11,988192	-0,053	0,312
CHR6	15482154	CHR6:15482154	SSF x Near_LoA	-12,2907944	-0,031	0,312
CHR6	15491095	CHR6:15491095	SSF x Near_LoA	-9,25976436	-0,053	0,302
CHR6	15491140	CHR6:15491140	SSF x Near_LoA	-8,71300195	-0,053	0,301
CHR6	15491166	CHR6:15491166	SSF x Near_LoA	-9,41481626	0,004	0,303
CHR6	15491215	CHR6:15491215	SSF x Near_LoA	-8,96121188	-0,094	0,293
CHR6	15528665	CHR6:15528665	SSF x Near_LoA	-8,64850496	0,038	0,327
CHR6	15528740	CHR6:15528740	SSF x Near_LoA	-8,76061531	0,021	0,322
CHR6	15528761	CHR6:15528761	SSF x Near_LoA	-8,98199127	-0,025	0,309
CHR6	1552893	CHR6:1552893	SSF x Near_LoA	-9,34639328	0,114	0,297
CHR6	1552894	CHR6:1552894	SSF x Near_LoA	-8,35684441	0,122	0,293
CHR6	1552946	CHR6:1552946	SSF x Near_LoA	-7,94358299	-0,045	0,314
CHR6	1552978	CHR6:1552978	SSF x Near_LoA	-8,22608666	-0,074	0,300
CHR6	1552982	CHR6:1552982	SSF x Near_LoA	-8,86897943	-0,023	0,326
CHR6	1553047	CHR6:1553047	SSF x Near_LoA	-6,88428575	-0,088	0,312
CHR6	1553146	CHR6:1553146	SSF x Near_LoA	-7,49134604	-0,077	0,319
CHR6	15550270	CHR6:15550270	SSF x Near_LoA	-10,7381735	-0,075	0,299
CHR6	15550391	CHR6:15550391	SSF x Near_LoA	-8,25921077	-0,095	0,311
CHR6	15560062	CHR6:15560062	SSF x Near_LoA	-4,86639491	-0,171	0,312
CHR6	15566673	CHR6:15566673	SSF x Near_LoA	-6,4096643	-0,025	0,312
CHR6	15566760	CHR6:15566760	SSF x Near_LoA	-9,13805749	0,029	0,307
CHR6	15585937	CHR6:15585937	SSF x Near_LoA	-9,81531014	0,068	0,317
CHR6	15586003	CHR6:15586003	SSF x Near_LoA	-7,27494942	-0,042	0,296
CHR6	15588277	CHR6:15588277	SSF x Near_LoA	-8,89803168	-0,005	0,316
CHR6	15605789	CHR6:15605789	SSF x Near_LoA	-11,1043255	0,022	0,314
CHR6	15605845	CHR6:15605845	SSF x Near_LoA	-10,2747523	-0,058	0,313
CHR6	15605867	CHR6:15605867	SSF x Near_LoA	-9,24428144	0,032	0,303
CHR6	15612706	CHR6:15612706	SSF x Near_LoA	-8,47276626	-0,109	0,303
CHR6	15612767	CHR6:15612767	SSF x Near_LoA	-11,1635312	-0,015	0,304
CHR6	15612788	CHR6:15612788	SSF x Near_LoA	-7,74286539	0,114	0,294
CHR6	15631712	CHR6:15631712	SSF x Near_LoA	-5,74926099	0,081	0,310

CHR6	15631884	CHR6:15631884	SSF x Near_LoA	-10,6998365	-0,022	0,312
CHR6	15635646	CHR6:15635646	SSF x Near_LoA	-7,7918782	0,102	0,299
CHR6	1563983	CHR6:1563983	SSF x Near_LoA	-9,63159706	0,029	0,301
CHR6	1564020	CHR6:1564020	SSF x Near_LoA	-11,2751262	-0,039	0,319
CHR6	1564099	CHR6:1564099	SSF x Near_LoA	-7,03735786	-0,007	0,317
CHR6	1564151	CHR6:1564151	SSF x Near_LoA	-7,32154475	-0,086	0,297
CHR6	15660285	CHR6:15660285	SSF x Near_LoA	-9,09413348	0,044	0,312
CHR6	1566316	CHR6:1566316	SSF x Near_LoA	-11,6469199	-0,018	0,305
CHR6	1566319	CHR6:1566319	SSF x Near_LoA	-9,76042152	0,090	0,313
CHR6	1566320	CHR6:1566320	SSF x Near_LoA	-10,797246	0,014	0,291
CHR6	1566391	CHR6:1566391	SSF x Near_LoA	-10,318916	-0,021	0,291
CHR6	15665622	CHR6:15665622	SSF x Near_LoA	-8,47233973	0,027	0,304
CHR6	15665773	CHR6:15665773	SSF x Near_LoA	-11,2850344	-0,067	0,297
CHR6	15665795	CHR6:15665795	SSF x Near_LoA	-10,0428523	-0,056	0,314
CHR6	15665884	CHR6:15665884	SSF x Near_LoA	-10,8273412	-0,113	0,311
CHR6	15665885	CHR6:15665885	SSF x Near_LoA	-7,96077917	-0,097	0,316
CHR6	15665891	CHR6:15665891	SSF x Near_LoA	-8,45109582	-0,063	0,317
CHR6	15665908	CHR6:15665908	SSF x Near_LoA	-10,0049453	-0,033	0,314
CHR6	15673335	CHR6:15673335	SSF x Near_LoA	-10,0714192	-0,111	0,308
CHR6	15673421	CHR6:15673421	SSF x Near_LoA	-8,12179749	-0,061	0,296
CHR6	15673422	CHR6:15673422	SSF x Near_LoA	-8,63644243	0,055	0,296
CHR6	15677895	CHR6:15677895	SSF x Near_LoA	-6,75459574	0,106	0,311
CHR6	15678134	CHR6:15678134	SSF x Near_LoA	-7,94233196	-0,053	0,300
CHR6	15691119	CHR6:15691119	SSF x Near_LoA	-9,57064547	0,092	0,298
CHR6	15691256	CHR6:15691256	SSF x Near_LoA	-10,5463973	-0,099	0,320
CHR6	15699876	CHR6:15699876	SSF x Near_LoA	-8,73585951	-0,054	0,305
CHR6	15699996	CHR6:15699996	SSF x Near_LoA	-7,57254172	-0,004	0,320
CHR6	15700035	CHR6:15700035	SSF x Near_LoA	-7,3163592	0,019	0,318
CHR6	15700049	CHR6:15700049	SSF x Near_LoA	-10,3317506	-0,040	0,308
CHR6	1571572	CHR6:1571572	SSF x Near_LoA	-10,4719641	0,109	0,300
CHR6	1571574	CHR6:1571574	SSF x Near_LoA	-8,84943852	-0,035	0,307
CHR6	1571631	CHR6:1571631	SSF x Near_LoA	-9,4350089	-0,038	0,310
CHR6	1571649	CHR6:1571649	SSF x Near_LoA	-7,83521405	-0,094	0,312
CHR6	15721644	CHR6:15721644	SSF x Near_LoA	-9,59504144	0,062	0,311
CHR6	15740205	CHR6:15740205	SSF x Near_LoA	-10,2406751	0,069	0,302
CHR6	15740909	CHR6:15740909	SSF x Near_LoA	-9,22060866	0,052	0,309
CHR6	15740941	CHR6:15740941	SSF x Near_LoA	-9,98347355	-0,022	0,299
CHR6	15756785	CHR6:15756785	SSF x Near_LoA	-10,1230484	-0,032	0,304
CHR6	15756892	CHR6:15756892	SSF x Near_LoA	-11,5406588	-0,044	0,319
CHR6	1576323	CHR6:1576323	SSF x Near_LoA	-10,1777741	0,035	0,314
CHR6	1576335	CHR6:1576335	SSF x Near_LoA	-12,0577817	0,026	0,308
CHR6	15767766	CHR6:15767766	SSF x Near_LoA	-6,73540723	0,182	0,289
CHR6	15767859	CHR6:15767859	SSF x Near_LoA	-4,08408561	0,162	0,279
CHR6	15774993	CHR6:15774993	SSF x Near_LoA	-9,89261269	0,051	0,295
CHR6	15775045	CHR6:15775045	SSF x Near_LoA	-11,6353231	0,032	0,316
CHR6	15778906	CHR6:15778906	SSF x Near_LoA	-8,82904903	-0,003	0,303
CHR6	15779057	CHR6:15779057	SSF x Near_LoA	-9,55182276	0,074	0,297
CHR6	15779107	CHR6:15779107	SSF x Near_LoA	-10,112348	-0,031	0,288
CHR6	15782430	CHR6:15782430	SSF x Near_LoA	-10,2677893	0,029	0,304
CHR6	15782437	CHR6:15782437	SSF x Near_LoA	-8,20770737	-0,060	0,308
CHR6	15782443	CHR6:15782443	SSF x Near_LoA	-6,93086883	0,022	0,305
CHR6	15782453	CHR6:15782453	SSF x Near_LoA	-6,99467773	-0,089	0,310
CHR6	15785589	CHR6:15785589	SSF x Near_LoA	-10,1039095	-0,005	0,304

CHR6	15785599	CHR6:15785599	SSF x Near_LoA	-9,8384044	0,004	0,311
CHR6	15785606	CHR6:15785606	SSF x Near_LoA	-9,79583408	0,002	0,296
CHR6	15785652	CHR6:15785652	SSF x Near_LoA	-7,57933715	0,065	0,307
CHR6	15785703	CHR6:15785703	SSF x Near_LoA	-9,44521998	0,062	0,302
CHR6	15785721	CHR6:15785721	SSF x Near_LoA	-9,15164409	0,070	0,309
CHR6	15785743	CHR6:15785743	SSF x Near_LoA	-7,94045492	-0,093	0,301
CHR6	15785746	CHR6:15785746	SSF x Near_LoA	-7,85693688	-0,124	0,309
CHR6	15785760	CHR6:15785760	SSF x Near_LoA	-5,51317608	0,037	0,304
CHR6	15791691	CHR6:15791691	SSF x Near_LoA	-8,3837543	0,100	0,293
CHR6	15797386	CHR6:15797386	SSF x Near_LoA	-11,2327153	0,020	0,305
CHR6	15815328	CHR6:15815328	SSF x Near_LoA	-11,6501645	-0,074	0,310
CHR6	15815359	CHR6:15815359	SSF x Near_LoA	-9,80927739	-0,002	0,306
CHR6	15815376	CHR6:15815376	SSF x Near_LoA	-11,0630041	-0,083	0,307
CHR6	15815432	CHR6:15815432	SSF x Near_LoA	-11,7177663	-0,023	0,310
CHR6	15818441	CHR6:15818441	SSF x Near_LoA	-10,3623251	0,052	0,319
CHR6	15818488	CHR6:15818488	SSF x Near_LoA	-11,6654734	-0,030	0,314
CHR6	15818573	CHR6:15818573	SSF x Near_LoA	-11,9225727	0,042	0,298
CHR6	15824540	CHR6:15824540	SSF x Near_LoA	-10,8065488	-0,017	0,317
CHR6	15824695	CHR6:15824695	SSF x Near_LoA	-10,3557732	0,013	0,298
CHR6	15838241	CHR6:15838241	SSF x Near_LoA	-9,51642733	0,002	0,325
CHR6	15838291	CHR6:15838291	SSF x Near_LoA	-8,57926389	0,039	0,309
CHR6	15838410	CHR6:15838410	SSF x Near_LoA	-10,3487577	0,010	0,316
CHR6	15842958	CHR6:15842958	SSF x Near_LoA	-12,1746869	-0,076	0,307
CHR6	15842987	CHR6:15842987	SSF x Near_LoA	-10,1904896	-0,130	0,292
CHR6	15842993	CHR6:15842993	SSF x Near_LoA	-9,3998899	0,019	0,325
CHR6	15850293	CHR6:15850293	SSF x Near_LoA	-9,36606052	0,048	0,316
CHR6	15850305	CHR6:15850305	SSF x Near_LoA	-11,0813492	0,054	0,301
CHR6	15866265	CHR6:15866265	SSF x Near_LoA	-10,6865023	-0,005	0,290
CHR6	15866318	CHR6:15866318	SSF x Near_LoA	-11,7463003	0,043	0,310
CHR6	15874569	CHR6:15874569	SSF x Near_LoA	-9,25165063	0,045	0,310
CHR6	15874622	CHR6:15874622	SSF x Near_LoA	-8,85089556	-0,065	0,320
CHR6	15874957	CHR6:15874957	SSF x Near_LoA	-5,6718485	0,015	0,308
CHR6	15874994	CHR6:15874994	SSF x Near_LoA	-8,42770261	-0,077	0,300
CHR6	15875020	CHR6:15875020	SSF x Near_LoA	-8,02438482	-0,089	0,302
CHR6	15875063	CHR6:15875063	SSF x Near_LoA	-7,30591668	-0,044	0,315
CHR6	15877921	CHR6:15877921	SSF x Near_LoA	-11,5509677	-0,053	0,313
CHR6	1587974	CHR6:1587974	SSF x Near_LoA	-8,74651233	0,022	0,302
CHR6	1588018	CHR6:1588018	SSF x Near_LoA	-10,4649647	-0,021	0,306
CHR6	1588032	CHR6:1588032	SSF x Near_LoA	-9,85119818	-0,012	0,323
CHR6	1588095	CHR6:1588095	SSF x Near_LoA	-11,2213429	-0,015	0,310
CHR6	1588157	CHR6:1588157	SSF x Near_LoA	-9,576388	-0,098	0,305
CHR6	15889727	CHR6:15889727	SSF x Near_LoA	-5,36495672	-0,063	0,306
CHR6	15889751	CHR6:15889751	SSF x Near_LoA	-11,360333	-0,030	0,312
CHR6	15889797	CHR6:15889797	SSF x Near_LoA	-9,68853144	-0,031	0,310
CHR6	15889876	CHR6:15889876	SSF x Near_LoA	-9,25552404	-0,073	0,316
CHR6	15892084	CHR6:15892084	SSF x Near_LoA	-9,77489618	-0,066	0,310
CHR6	15892132	CHR6:15892132	SSF x Near_LoA	-9,9651794	0,055	0,299
CHR6	15892180	CHR6:15892180	SSF x Near_LoA	-9,34982179	0,010	0,315
CHR6	15892182	CHR6:15892182	SSF x Near_LoA	-9,80543192	-0,088	0,293
CHR6	15892213	CHR6:15892213	SSF x Near_LoA	-8,57976742	-0,079	0,310
CHR6	15892214	CHR6:15892214	SSF x Near_LoA	-8,40252248	-0,067	0,310
CHR6	15893223	CHR6:15893223	SSF x Near_LoA	-8,05052961	-0,051	0,316
CHR6	15894100	CHR6:15894100	SSF x Near_LoA	-7,24604972	-0,106	0,305

CHR6	15894130	CHR6:15894130	SSF x Near_LoA	-5,63323621	-0,102	0,306
CHR6	15894170	CHR6:15894170	SSF x Near_LoA	-6,87173434	0,114	0,312
CHR6	15902263	CHR6:15902263	SSF x Near_LoA	-6,89589651	-0,127	0,309
CHR6	15902314	CHR6:15902314	SSF x Near_LoA	-11,0100249	0,027	0,293
CHR6	15902437	CHR6:15902437	SSF x Near_LoA	-8,67247803	-0,089	0,320
CHR6	15902443	CHR6:15902443	SSF x Near_LoA	-10,9523121	0,056	0,308
CHR6	1592336	CHR6:1592336	SSF x Near_LoA	-9,60452951	0,055	0,314
CHR6	15925424	CHR6:15925424	SSF x Near_LoA	-6,42497976	-0,019	0,305
CHR6	15925446	CHR6:15925446	SSF x Near_LoA	-7,95602366	0,070	0,307
CHR6	15925518	CHR6:15925518	SSF x Near_LoA	-10,087028	-0,051	0,305
CHR6	15925521	CHR6:15925521	SSF x Near_LoA	-10,9959823	-0,040	0,299
CHR6	15925531	CHR6:15925531	SSF x Near_LoA	-7,50573736	0,013	0,322
CHR6	15925537	CHR6:15925537	SSF x Near_LoA	-9,00985804	0,020	0,309
CHR6	15926958	CHR6:15926958	SSF x Near_LoA	-6,89661659	0,101	0,323
CHR6	15926996	CHR6:15926996	SSF x Near_LoA	-8,24804481	0,140	0,307
CHR6	15934316	CHR6:15934316	SSF x Near_LoA	-10,7458262	-0,108	0,298
CHR6	15934393	CHR6:15934393	SSF x Near_LoA	-8,92036659	-0,091	0,307
CHR6	15934399	CHR6:15934399	SSF x Near_LoA	-9,14341969	-0,128	0,300
CHR6	15934400	CHR6:15934400	SSF x Near_LoA	-9,55645969	-0,103	0,300
CHR6	15934414	CHR6:15934414	SSF x Near_LoA	-10,6960386	-0,092	0,302
CHR6	15934434	CHR6:15934434	SSF x Near_LoA	-7,20465469	-0,133	0,295
CHR6	15948991	CHR6:15948991	SSF x Near_LoA	-9,12174654	-0,111	0,295
CHR6	15949058	CHR6:15949058	SSF x Near_LoA	-10,6343898	0,033	0,309
CHR6	15949061	CHR6:15949061	SSF x Near_LoA	-1,2542393	0,075	0,309
CHR6	15949072	CHR6:15949072	SSF x Near_LoA	-11,5796731	-0,010	0,307
CHR6	15949076	CHR6:15949076	SSF x Near_LoA	-6,49339286	0,048	0,301
CHR6	15949078	CHR6:15949078	SSF x Near_LoA	-11,1365459	0,039	0,304
CHR6	15958836	CHR6:15958836	SSF x Near_LoA	-10,7635408	0,012	0,288
CHR6	15970819	CHR6:15970819	SSF x Near_LoA	-10,9978864	-0,020	0,304
CHR6	15971884	CHR6:15971884	SSF x Near_LoA	-11,0364933	-0,030	0,304
CHR6	15971904	CHR6:15971904	SSF x Near_LoA	-7,07776008	0,185	0,304
CHR6	15971913	CHR6:15971913	SSF x Near_LoA	-10,5778324	-0,062	0,300
CHR6	15973073	CHR6:15973073	SSF x Near_LoA	-6,60364502	0,055	0,309
CHR6	15973140	CHR6:15973140	SSF x Near_LoA	-7,92898713	-0,019	0,317
CHR6	15973290	CHR6:15973290	SSF x Near_LoA	-3,68984191	-0,041	0,312
CHR6	15973341	CHR6:15973341	SSF x Near_LoA	-11,5471111	0,028	0,313
CHR6	1598278	CHR6:1598278	SSF x Near_LoA	-7,46034978	-0,025	0,296
CHR6	1598509	CHR6:1598509	SSF x Near_LoA	-11,2421996	-0,001	0,296
CHR6	15986460	CHR6:15986460	SSF x Near_LoA	-10,6336956	-0,017	0,321
CHR6	15986533	CHR6:15986533	SSF x Near_LoA	-9,28902893	0,017	0,307
CHR6	16013268	CHR6:16013268	SSF x Near_LoA	-7,28134172	0,090	0,307
CHR6	16013338	CHR6:16013338	SSF x Near_LoA	-9,05613462	0,050	0,312
CHR6	16013362	CHR6:16013362	SSF x Near_LoA	-8,81007102	0,023	0,315
CHR6	1601976	CHR6:1601976	SSF x Near_LoA	-9,08148172	-0,057	0,313
CHR6	16023179	CHR6:16023179	SSF x Near_LoA	-8,73986228	0,048	0,300
CHR6	16023245	CHR6:16023245	SSF x Near_LoA	-11,5651105	0,044	0,310
CHR6	16027630	CHR6:16027630	SSF x Near_LoA	-6,86146977	0,098	0,306
CHR6	16027664	CHR6:16027664	SSF x Near_LoA	-9,94454087	0,080	0,294
CHR6	16027761	CHR6:16027761	SSF x Near_LoA	-8,21395905	0,022	0,315
CHR6	16027881	CHR6:16027881	SSF x Near_LoA	-8,40120107	-0,101	0,307
CHR6	16044613	CHR6:16044613	SSF x Near_LoA	-7,07397586	0,194	0,307
CHR6	16044651	CHR6:16044651	SSF x Near_LoA	-10,3354042	-0,074	0,310
CHR6	16044654	CHR6:16044654	SSF x Near_LoA	-10,825355	0,045	0,301

CHR6	16044807	CHR6:16044807	SSF x Near_LoA	-7,30845686	0,061	0,306
CHR6	16049412	CHR6:16049412	SSF x Near_LoA	-9,26016611	-0,028	0,311
CHR6	16049470	CHR6:16049470	SSF x Near_LoA	-8,53307721	-0,152	0,296
CHR6	16049514	CHR6:16049514	SSF x Near_LoA	-5,70116416	0,130	0,300
CHR6	16049639	CHR6:16049639	SSF x Near_LoA	-9,67449209	0,047	0,318
CHR6	16049664	CHR6:16049664	SSF x Near_LoA	-10,9275505	0,064	0,314
CHR6	16050580	CHR6:16050580	SSF x Near_LoA	-9,00667275	-0,106	0,298
CHR6	16050592	CHR6:16050592	SSF x Near_LoA	-7,52339916	-0,123	0,309
CHR6	16051589	CHR6:16051589	SSF x Near_LoA	-9,32695862	-0,020	0,298
CHR6	16053751	CHR6:16053751	SSF x Near_LoA	-7,00592185	0,145	0,311
CHR6	16053989	CHR6:16053989	SSF x Near_LoA	-7,35190335	-0,110	0,312
CHR6	16055439	CHR6:16055439	SSF x Near_LoA	-4,97606111	-0,104	0,307
CHR6	16056738	CHR6:16056738	SSF x Near_LoA	-11,1993743	-0,046	0,304
CHR6	16057176	CHR6:16057176	SSF x Near_LoA	-6,13589573	0,127	0,288
CHR6	16057306	CHR6:16057306	SSF x Near_LoA	-7,57310995	0,145	0,288
CHR6	16057326	CHR6:16057326	SSF x Near_LoA	-11,1098279	-0,027	0,299
CHR6	16072542	CHR6:16072542	SSF x Near_LoA	-7,32279398	0,133	0,307
CHR6	16079820	CHR6:16079820	SSF x Near_LoA	-11,7045527	0,030	0,297
CHR6	16079822	CHR6:16079822	SSF x Near_LoA	-11,5169539	0,079	0,297
CHR6	16079833	CHR6:16079833	SSF x Near_LoA	-7,34971613	-0,112	0,306
CHR6	16079834	CHR6:16079834	SSF x Near_LoA	-10,6062807	0,053	0,315
CHR6	16079890	CHR6:16079890	SSF x Near_LoA	-9,85258862	-0,029	0,330
CHR6	16079921	CHR6:16079921	SSF x Near_LoA	-11,486659	0,062	0,302
CHR6	16079952	CHR6:16079952	SSF x Near_LoA	-12,0251686	0,055	0,304
CHR6	16110102	CHR6:16110102	SSF x Near_LoA	-11,4688316	0,002	0,301
CHR6	16110108	CHR6:16110108	SSF x Near_LoA	-6,18962621	-0,109	0,313
CHR6	16110120	CHR6:16110120	SSF x Near_LoA	-8,62511743	0,024	0,305
CHR6	16116729	CHR6:16116729	SSF x Near_LoA	-9,24240693	-0,016	0,307
CHR6	16136330	CHR6:16136330	SSF x Near_LoA	-7,45766531	-0,108	0,308
CHR6	16136341	CHR6:16136341	SSF x Near_LoA	-6,9268228	-0,084	0,311
CHR6	16136344	CHR6:16136344	SSF x Near_LoA	-6,57084422	-0,050	0,301
CHR6	16136380	CHR6:16136380	SSF x Near_LoA	-7,08849029	-0,121	0,325
CHR6	16136425	CHR6:16136425	SSF x Near_LoA	-9,14040039	0,023	0,311
CHR6	16138340	CHR6:16138340	SSF x Near_LoA	-6,87595343	-0,094	0,310
CHR6	16138358	CHR6:16138358	SSF x Near_LoA	-8,31493496	0,035	0,286
CHR6	16138374	CHR6:16138374	SSF x Near_LoA	-7,83372824	-0,125	0,307
CHR6	16138423	CHR6:16138423	SSF x Near_LoA	-8,73532286	0,033	0,284
CHR6	16138564	CHR6:16138564	SSF x Near_LoA	-9,80891224	-0,036	0,313
CHR6	1614049	CHR6:1614049	SSF x Near_LoA	-11,3891564	0,003	0,309
CHR6	1614206	CHR6:1614206	SSF x Near_LoA	-9,18913177	0,027	0,302
CHR6	16149015	CHR6:16149015	SSF x Near_LoA	-11,8023618	0,048	0,304
CHR6	16165237	CHR6:16165237	SSF x Near_LoA	-8,57501963	-0,112	0,308
CHR6	16165344	CHR6:16165344	SSF x Near_LoA	-9,28538315	0,008	0,298
CHR6	16165372	CHR6:16165372	SSF x Near_LoA	-5,44161896	-0,066	0,322
CHR6	16165418	CHR6:16165418	SSF x Near_LoA	-8,95417138	-0,022	0,317
CHR6	16165442	CHR6:16165442	SSF x Near_LoA	-9,57095917	-0,026	0,304
CHR6	1617877	CHR6:1617877	SSF x Near_LoA	-8,39321672	-0,062	0,314
CHR6	1617922	CHR6:1617922	SSF x Near_LoA	-7,97688316	-0,061	0,304
CHR6	1618118	CHR6:1618118	SSF x Near_LoA	-7,82681959	-0,119	0,292
CHR6	16189686	CHR6:16189686	SSF x Near_LoA	-8,39110495	-0,030	0,305
CHR6	16189688	CHR6:16189688	SSF x Near_LoA	-9,82232274	-0,031	0,306
CHR6	16189702	CHR6:16189702	SSF x Near_LoA	-9,05954448	0,078	0,309
CHR6	16189709	CHR6:16189709	SSF x Near_LoA	-6,79227665	-0,022	0,308

CHR6	16189712	CHR6:16189712	SSF x Near_LoA	-7,9990685	-0,031	0,306
CHR6	16189743	CHR6:16189743	SSF x Near_LoA	-9,29808407	-0,010	0,309
CHR6	16205516	CHR6:16205516	SSF x Near_LoA	-6,86114427	-0,154	0,297
CHR6	16206280	CHR6:16206280	SSF x Near_LoA	-10,6309394	0,105	0,305
CHR6	16212667	CHR6:16212667	SSF x Near_LoA	-4,90108085	-0,088	0,309
CHR6	16212676	CHR6:16212676	SSF x Near_LoA	-7,93626513	-0,063	0,313
CHR6	16212677	CHR6:16212677	SSF x Near_LoA	-9,05506682	-0,062	0,306
CHR6	16212678	CHR6:16212678	SSF x Near_LoA	-11,3511257	-0,048	0,301
CHR6	16212844	CHR6:16212844	SSF x Near_LoA	-10,9219708	-0,050	0,313
CHR6	16212863	CHR6:16212863	SSF x Near_LoA	-7,820259	-0,093	0,318
CHR6	16212868	CHR6:16212868	SSF x Near_LoA	-7,72985068	0,124	0,296
CHR6	16216505	CHR6:16216505	SSF x Near_LoA	-10,377636	0,020	0,298
CHR6	16216596	CHR6:16216596	SSF x Near_LoA	-7,8140303	0,084	0,294
CHR6	16219728	CHR6:16219728	SSF x Near_LoA	-9,36334188	0,085	0,303
CHR6	16219748	CHR6:16219748	SSF x Near_LoA	-9,54688683	0,059	0,302
CHR6	16219835	CHR6:16219835	SSF x Near_LoA	-11,1057427	-0,054	0,309
CHR6	16233398	CHR6:16233398	SSF x Near_LoA	-10,6500351	0,007	0,318
CHR6	16244646	CHR6:16244646	SSF x Near_LoA	-7,56320772	0,117	0,305
CHR6	16244681	CHR6:16244681	SSF x Near_LoA	-6,35914382	0,067	0,304
CHR6	16244686	CHR6:16244686	SSF x Near_LoA	-8,95731973	0,038	0,303
CHR6	16244690	CHR6:16244690	SSF x Near_LoA	-10,4715255	0,053	0,304
CHR6	16244721	CHR6:16244721	SSF x Near_LoA	-3,03640599	-0,016	0,300
CHR6	16249420	CHR6:16249420	SSF x Near_LoA	-10,357036	0,091	0,313
CHR6	16249421	CHR6:16249421	SSF x Near_LoA	-10,2093234	-0,018	0,319
CHR6	16260106	CHR6:16260106	SSF x Near_LoA	-8,45930478	0,028	0,314
CHR6	16260133	CHR6:16260133	SSF x Near_LoA	-9,67173929	-0,051	0,322
CHR6	16260154	CHR6:16260154	SSF x Near_LoA	-9,4967073	-0,056	0,298
CHR6	16260208	CHR6:16260208	SSF x Near_LoA	-7,9636837	-0,031	0,306
CHR6	16282089	CHR6:16282089	SSF x Near_LoA	-10,7125135	0,044	0,296
CHR6	16282150	CHR6:16282150	SSF x Near_LoA	-9,50002018	0,037	0,304
CHR6	16282153	CHR6:16282153	SSF x Near_LoA	-6,12247407	-0,089	0,305
CHR6	16282219	CHR6:16282219	SSF x Near_LoA	-10,6182899	0,012	0,302
CHR6	16282273	CHR6:16282273	SSF x Near_LoA	-9,37934693	-0,038	0,310
CHR6	16288533	CHR6:16288533	SSF x Near_LoA	-9,97592627	0,111	0,311
CHR6	16288545	CHR6:16288545	SSF x Near_LoA	-8,62176566	-0,071	0,316
CHR6	16288568	CHR6:16288568	SSF x Near_LoA	-10,2363449	0,000	0,311
CHR6	16288569	CHR6:16288569	SSF x Near_LoA	-9,96039777	0,017	0,320
CHR6	16288599	CHR6:16288599	SSF x Near_LoA	-10,3467444	0,020	0,314
CHR6	16288622	CHR6:16288622	SSF x Near_LoA	-9,81417332	0,009	0,307
CHR6	16288681	CHR6:16288681	SSF x Near_LoA	-7,19728457	0,085	0,307
CHR6	16312699	CHR6:16312699	SSF x Near_LoA	-9,00647194	0,055	0,310
CHR6	16312702	CHR6:16312702	SSF x Near_LoA	-9,72885557	0,039	0,297
CHR6	16312742	CHR6:16312742	SSF x Near_LoA	-6,87647897	0,063	0,294
CHR6	16312758	CHR6:16312758	SSF x Near_LoA	-10,1806774	0,061	0,302
CHR6	16313339	CHR6:16313339	SSF x Near_LoA	-2,57293728	-0,034	0,299
CHR6	16313346	CHR6:16313346	SSF x Near_LoA	-11,3281569	-0,019	0,311
CHR6	1632269	CHR6:1632269	SSF x Near_LoA	-8,6368793	0,005	0,295
CHR6	16322956	CHR6:16322956	SSF x Near_LoA	-6,35338287	0,047	0,313
CHR6	1632318	CHR6:1632318	SSF x Near_LoA	-6,77863951	-0,042	0,292
CHR6	16328986	CHR6:16328986	SSF x Near_LoA	-9,34584328	-0,027	0,310
CHR6	16328988	CHR6:16328988	SSF x Near_LoA	-10,2963153	-0,035	0,305
CHR6	16329055	CHR6:16329055	SSF x Near_LoA	-4,14204283	-0,189	0,275
CHR6	16334171	CHR6:16334171	SSF x Near_LoA	-11,9703346	-0,004	0,313

CHR6	16346058	CHR6:16346058	SSF x Near_LoA	-8,48361428	-0,018	0,324
CHR6	16348959	CHR6:16348959	SSF x Near_LoA	-11,6086407	0,085	0,300
CHR6	16349025	CHR6:16349025	SSF x Near_LoA	-8,39172048	-0,041	0,300
CHR6	16349084	CHR6:16349084	SSF x Near_LoA	-9,36842306	-0,047	0,310
CHR6	16349130	CHR6:16349130	SSF x Near_LoA	-10,4921657	-0,066	0,316
CHR6	16349141	CHR6:16349141	SSF x Near_LoA	-10,3343164	-0,082	0,316
CHR6	16349215	CHR6:16349215	SSF x Near_LoA	-11,8658292	-0,087	0,301
CHR6	16349227	CHR6:16349227	SSF x Near_LoA	-10,0458123	-0,077	0,306
CHR6	16349241	CHR6:16349241	SSF x Near_LoA	-6,96129117	-0,128	0,311
CHR6	16349272	CHR6:16349272	SSF x Near_LoA	-10,6274023	-0,114	0,309
CHR6	16349279	CHR6:16349279	SSF x Near_LoA	-10,7899383	0,002	0,294
CHR6	16349284	CHR6:16349284	SSF x Near_LoA	-8,42631747	-0,129	0,313
CHR6	16362945	CHR6:16362945	SSF x Near_LoA	-8,75060001	0,074	0,312
CHR6	16362959	CHR6:16362959	SSF x Near_LoA	-7,92703965	0,034	0,313
CHR6	16363015	CHR6:16363015	SSF x Near_LoA	-11,2483113	-0,016	0,304
CHR6	16363047	CHR6:16363047	SSF x Near_LoA	-8,37378748	0,024	0,306
CHR6	16363048	CHR6:16363048	SSF x Near_LoA	-10,1028441	0,056	0,311
CHR6	16363057	CHR6:16363057	SSF x Near_LoA	-8,0185963	0,052	0,330
CHR6	16364661	CHR6:16364661	SSF x Near_LoA	-6,62782792	0,129	0,304
CHR6	16364699	CHR6:16364699	SSF x Near_LoA	-11,3383922	-0,040	0,307
CHR6	16367657	CHR6:16367657	SSF x Near_LoA	-9,51739247	-0,034	0,305
CHR6	16373536	CHR6:16373536	SSF x Near_LoA	-9,99615497	-0,073	0,297
CHR6	16373565	CHR6:16373565	SSF x Near_LoA	-9,52300061	0,070	0,303
CHR6	16376604	CHR6:16376604	SSF x Near_LoA	-8,9869382	-0,087	0,308
CHR6	1638069	CHR6:1638069	SSF x Near_LoA	-7,81822132	-0,094	0,307
CHR6	1638749	CHR6:1638749	SSF x Near_LoA	-10,147	-0,050	0,309
CHR6	1640460	CHR6:1640460	SSF x Near_LoA	-3,11897405	-0,229	0,294
CHR6	16405769	CHR6:16405769	SSF x Near_LoA	-10,8178331	0,019	0,289
CHR6	16415308	CHR6:16415308	SSF x Near_LoA	-9,85695785	0,102	0,297
CHR6	16415317	CHR6:16415317	SSF x Near_LoA	-9,37045444	0,128	0,313
CHR6	16415325	CHR6:16415325	SSF x Near_LoA	-8,2095808	0,117	0,309
CHR6	1642336	CHR6:1642336	SSF x Near_LoA	-10,1452475	0,081	0,297
CHR6	16429907	CHR6:16429907	SSF x Near_LoA	-8,06530835	0,001	0,312
CHR6	16429917	CHR6:16429917	SSF x Near_LoA	-9,13836028	-0,012	0,306
CHR6	16429926	CHR6:16429926	SSF x Near_LoA	-4,62123121	-0,024	0,321
CHR6	16429943	CHR6:16429943	SSF x Near_LoA	-8,71952762	-0,009	0,308
CHR6	16429949	CHR6:16429949	SSF x Near_LoA	-8,24005277	-0,006	0,332
CHR6	16429993	CHR6:16429993	SSF x Near_LoA	-7,4538462	-0,003	0,318
CHR6	16430010	CHR6:16430010	SSF x Near_LoA	-8,45676549	0,003	0,313
CHR6	16430018	CHR6:16430018	SSF x Near_LoA	-9,18937979	-0,009	0,309
CHR6	16430019	CHR6:16430019	SSF x Near_LoA	-7,88278991	-0,047	0,319
CHR6	16430020	CHR6:16430020	SSF x Near_LoA	-7,52391081	0,011	0,315
CHR6	16430038	CHR6:16430038	SSF x Near_LoA	-8,88323178	-0,011	0,318
CHR6	1643744	CHR6:1643744	SSF x Near_LoA	-9,6485451	-0,053	0,307
CHR6	16444960	CHR6:16444960	SSF x Near_LoA	-9,36404422	-0,047	0,322
CHR6	16451836	CHR6:16451836	SSF x Near_LoA	-8,37451711	-0,134	0,297
CHR6	16451928	CHR6:16451928	SSF x Near_LoA	-2,62361302	0,133	0,316
CHR6	16452006	CHR6:16452006	SSF x Near_LoA	-8,0152201	-0,102	0,303
CHR6	16452031	CHR6:16452031	SSF x Near_LoA	-9,14146236	-0,113	0,299
CHR6	16452093	CHR6:16452093	SSF x Near_LoA	-3,97510052	0,166	0,290
CHR6	16463686	CHR6:16463686	SSF x Near_LoA	-7,85912724	0,102	0,325
CHR6	16463696	CHR6:16463696	SSF x Near_LoA	-7,59406647	-0,105	0,297
CHR6	16463750	CHR6:16463750	SSF x Near_LoA	-8,49965454	0,047	0,322

CHR6	16502582	CHR6:16502582	SSF x Near_LoA	-9,41763246	0,103	0,304
CHR6	16539990	CHR6:16539990	SSF x Near_LoA	-8,43253293	-0,003	0,304
CHR6	16540068	CHR6:16540068	SSF x Near_LoA	-9,48244856	0,004	0,299
CHR6	16542	CHR6:16542	SSF x Near_LoA	-2,49895304	0,041	0,300
CHR6	16542210	CHR6:16542210	SSF x Near_LoA	-7,97800008	-0,008	0,295
CHR6	16542280	CHR6:16542280	SSF x Near_LoA	-6,7799726	-0,014	0,301
CHR6	16542289	CHR6:16542289	SSF x Near_LoA	-8,95702405	-0,015	0,309
CHR6	16545240	CHR6:16545240	SSF x Near_LoA	-8,41118454	0,029	0,301
CHR6	16556763	CHR6:16556763	SSF x Near_LoA	-10,0554016	-0,087	0,305
CHR6	16568255	CHR6:16568255	SSF x Near_LoA	-9,06145526	0,072	0,310
CHR6	16568333	CHR6:16568333	SSF x Near_LoA	-5,88487862	-0,054	0,331
CHR6	16568460	CHR6:16568460	SSF x Near_LoA	-7,56443691	-0,063	0,300
CHR6	16568478	CHR6:16568478	SSF x Near_LoA	-9,61681233	-0,046	0,301
CHR6	16572013	CHR6:16572013	SSF x Near_LoA	-6,19165203	0,079	0,294
CHR6	16572072	CHR6:16572072	SSF x Near_LoA	-8,9103419	0,103	0,303
CHR6	16572094	CHR6:16572094	SSF x Near_LoA	-8,13706704	0,087	0,301
CHR6	16572154	CHR6:16572154	SSF x Near_LoA	-8,87369762	-0,029	0,315
CHR6	16572192	CHR6:16572192	SSF x Near_LoA	9,63958764	-0,030	0,301
CHR6	16572196	CHR6:16572196	SSF x Near_LoA	-9,1246229	0,003	0,307
CHR6	16572197	CHR6:16572197	SSF x Near_LoA	-9,2594406	-0,002	0,297
CHR6	16577829	CHR6:16577829	SSF x Near_LoA	-12,5961176	0,022	0,304
CHR6	16577959	CHR6:16577959	SSF x Near_LoA	-10,3433404	-0,032	0,312
CHR6	16580289	CHR6:16580289	SSF x Near_LoA	-9,34218526	0,000	0,318
CHR6	16580360	CHR6:16580360	SSF x Near_LoA	-7,49050008	-0,162	0,298
CHR6	16580378	CHR6:16580378	SSF x Near_LoA	-6,08796922	0,153	0,309
CHR6	16580388	CHR6:16580388	SSF x Near_LoA	-6,48152155	-0,029	0,300
CHR6	16580389	CHR6:16580389	SSF x Near_LoA	-5,53779052	-0,048	0,311
CHR6	16580390	CHR6:16580390	SSF x Near_LoA	-7,54281116	-0,006	0,316
CHR6	16581438	CHR6:16581438	SSF x Near_LoA	-8,03042726	0,068	0,297
CHR6	16581453	CHR6:16581453	SSF x Near_LoA	-9,18356463	0,123	0,290
CHR6	16581457	CHR6:16581457	SSF x Near_LoA	-8,89535426	0,107	0,308
CHR6	16581530	CHR6:16581530	SSF x Near_LoA	-6,77270002	-0,032	0,305
CHR6	16581531	CHR6:16581531	SSF x Near_LoA	-9,03626731	-0,075	0,320
CHR6	16581544	CHR6:16581544	SSF x Near_LoA	-8,37396041	-0,125	0,314
CHR6	16583355	CHR6:16583355	SSF x Near_LoA	-8,76412975	0,076	0,311
CHR6	16583359	CHR6:16583359	SSF x Near_LoA	-11,8551331	0,026	0,304
CHR6	16583363	CHR6:16583363	SSF x Near_LoA	-8,41684563	-0,005	0,312
CHR6	16583425	CHR6:16583425	SSF x Near_LoA	-11,1137036	-0,033	0,317
CHR6	16583434	CHR6:16583434	SSF x Near_LoA	-11,2144492	0,004	0,308
CHR6	16583439	CHR6:16583439	SSF x Near_LoA	-9,01183739	0,040	0,298
CHR6	16583448	CHR6:16583448	SSF x Near_LoA	-7,5690145	0,027	0,308
CHR6	16583471	CHR6:16583471	SSF x Near_LoA	-9,70194802	0,051	0,305
CHR6	16587154	CHR6:16587154	SSF x Near_LoA	-7,6698519	-0,044	0,314
CHR6	16587235	CHR6:16587235	SSF x Near_LoA	-10,984447	0,036	0,302
CHR6	16587394	CHR6:16587394	SSF x Near_LoA	-9,40149549	-0,001	0,298
CHR6	16588625	CHR6:16588625	SSF x Near_LoA	-9,55223932	-0,023	0,312
CHR6	16588724	CHR6:16588724	SSF x Near_LoA	-8,03215322	0,096	0,317
CHR6	16601263	CHR6:16601263	SSF x Near_LoA	-5,93887808	0,207	0,285
CHR6	16601896	CHR6:16601896	SSF x Near_LoA	-4,99353885	0,198	0,304
CHR6	16605322	CHR6:16605322	SSF x Near_LoA	-8,1914101	0,007	0,311
CHR6	16605344	CHR6:16605344	SSF x Near_LoA	-9,09084445	0,042	0,308
CHR6	16605349	CHR6:16605349	SSF x Near_LoA	-9,37627846	0,019	0,314
CHR6	16605404	CHR6:16605404	SSF x Near_LoA	-8,27778324	0,093	0,309

CHR6	16605527	CHR6:16605527	SSF x Near_LoA	-10,6604286	-0,058	0,305
CHR6	16605536	CHR6:16605536	SSF x Near_LoA	-5,11122815	0,093	0,314
CHR6	16609869	CHR6:16609869	SSF x Near_LoA	-9,46566557	0,044	0,305
CHR6	16609892	CHR6:16609892	SSF x Near_LoA	-9,29136095	-0,014	0,315
CHR6	16609935	CHR6:16609935	SSF x Near_LoA	-8,34432633	0,024	0,324
CHR6	16609941	CHR6:16609941	SSF x Near_LoA	-8,24787898	0,019	0,316
CHR6	16609957	CHR6:16609957	SSF x Near_LoA	-8,86253619	0,008	0,312
CHR6	16609995	CHR6:16609995	SSF x Near_LoA	-6,40739912	0,085	0,318
CHR6	16612426	CHR6:16612426	SSF x Near_LoA	-6,91934211	-0,031	0,313
CHR6	16612438	CHR6:16612438	SSF x Near_LoA	-8,41273346	0,004	0,301
CHR6	16612459	CHR6:16612459	SSF x Near_LoA	-10,2555173	-0,001	0,315
CHR6	16612543	CHR6:16612543	SSF x Near_LoA	-8,2970268	-0,109	0,316
CHR6	16612550	CHR6:16612550	SSF x Near_LoA	-9,81391569	-0,013	0,317
CHR6	16612556	CHR6:16612556	SSF x Near_LoA	-11,6401676	0,005	0,305
CHR6	16612600	CHR6:16612600	SSF x Near_LoA	-11,3073987	-0,063	0,296
CHR6	16612602	CHR6:16612602	SSF x Near_LoA	-8,92780693	-0,007	0,310
CHR6	16612609	CHR6:16612609	SSF x Near_LoA	-9,42830706	-0,033	0,317
CHR6	16612658	CHR6:16612658	SSF x Near_LoA	-9,25235487	-0,012	0,313
CHR6	16618390	CHR6:16618390	SSF x Near_LoA	-9,46391665	-0,056	0,299
CHR6	16618480	CHR6:16618480	SSF x Near_LoA	-12,1689257	0,045	0,306
CHR6	16621919	CHR6:16621919	SSF x Near_LoA	-9,80790702	-0,002	0,319
CHR6	16622025	CHR6:16622025	SSF x Near_LoA	-10,0625942	-0,086	0,282
CHR6	16622037	CHR6:16622037	SSF x Near_LoA	-10,1767899	-0,042	0,313
CHR6	16622064	CHR6:16622064	SSF x Near_LoA	-10,1564111	0,025	0,306
CHR6	16629720	CHR6:16629720	SSF x Near_LoA	-8,43538342	-0,088	0,292
CHR6	16629726	CHR6:16629726	SSF x Near_LoA	-10,6774303	-0,040	0,306
CHR6	16629783	CHR6:16629783	SSF x Near_LoA	-9,82490056	-0,039	0,310
CHR6	16629828	CHR6:16629828	SSF x Near_LoA	-10,8969561	-0,010	0,308
CHR6	16632623	CHR6:16632623	SSF x Near_LoA	-11,4296335	-0,099	0,297
CHR6	16632675	CHR6:16632675	SSF x Near_LoA	-8,02746555	-0,153	0,287
CHR6	16632698	CHR6:16632698	SSF x Near_LoA	-7,19686384	-0,134	0,302
CHR6	16632731	CHR6:16632731	SSF x Near_LoA	-7,31370738	0,105	0,313
CHR6	16636391	CHR6:16636391	SSF x Near_LoA	-10,3735626	-0,096	0,301
CHR6	16636427	CHR6:16636427	SSF x Near_LoA	-9,86660723	-0,080	0,314
CHR6	16636476	CHR6:16636476	SSF x Near_LoA	-10,3542093	0,000	0,303
CHR6	16642636	CHR6:16642636	SSF x Near_LoA	-7,44412638	0,123	0,296
CHR6	16642640	CHR6:16642640	SSF x Near_LoA	-10,291995	-0,027	0,322
CHR6	16642730	CHR6:16642730	SSF x Near_LoA	-8,49647524	-0,007	0,327
CHR6	16650661	CHR6:16650661	SSF x Near_LoA	-10,0737195	0,013	0,313
CHR6	16650720	CHR6:16650720	SSF x Near_LoA	-6,56666481	-0,010	0,309
CHR6	16651929	CHR6:16651929	SSF x Near_LoA	-5,62283448	0,097	0,296
CHR6	16651984	CHR6:16651984	SSF x Near_LoA	-8,7373767	0,103	0,290
CHR6	16652038	CHR6:16652038	SSF x Near_LoA	-4,37750364	-0,172	0,306
CHR6	16662081	CHR6:16662081	SSF x Near_LoA	-9,29386569	-0,085	0,329
CHR6	16664583	CHR6:16664583	SSF x Near_LoA	-10,4390164	-0,001	0,310
CHR6	16664610	CHR6:16664610	SSF x Near_LoA	-8,85756928	0,084	0,315
CHR6	16681107	CHR6:16681107	SSF x Near_LoA	-9,50457445	-0,113	0,325
CHR6	16681170	CHR6:16681170	SSF x Near_LoA	-8,19292319	-0,164	0,295
CHR6	16687759	CHR6:16687759	SSF x Near_LoA	-7,70744821	-0,086	0,310
CHR6	16687785	CHR6:16687785	SSF x Near_LoA	-8,41247117	-0,011	0,307
CHR6	16695079	CHR6:16695079	SSF x Near_LoA	-10,645179	-0,047	0,309
CHR6	16695128	CHR6:16695128	SSF x Near_LoA	-9,00762352	-0,072	0,313
CHR6	16695203	CHR6:16695203	SSF x Near_LoA	-10,6789863	-0,009	0,327

CHR6	16698473	CHR6:16698473	SSF x Near_LoA	-8,0212453	0,003	0,321
CHR6	16699196	CHR6:16699196	SSF x Near_LoA	-11,6317855	-0,087	0,299
CHR6	16699253	CHR6:16699253	SSF x Near_LoA	-8,94140297	0,106	0,308
CHR6	16699341	CHR6:16699341	SSF x Near_LoA	-7,67009086	0,055	0,321
CHR6	16699361	CHR6:16699361	SSF x Near_LoA	-8,23061819	-0,042	0,315
CHR6	16699362	CHR6:16699362	SSF x Near_LoA	-6,66985333	-0,044	0,315
CHR6	16699368	CHR6:16699368	SSF x Near_LoA	-8,99552089	-0,034	0,318
CHR6	16702518	CHR6:16702518	SSF x Near_LoA	-8,55787933	0,028	0,297
CHR6	16702610	CHR6:16702610	SSF x Near_LoA	-11,1673691	0,000	0,297
CHR6	16702655	CHR6:16702655	SSF x Near_LoA	-9,10103054	0,113	0,292
CHR6	16702718	CHR6:16702718	SSF x Near_LoA	-8,25098742	-0,047	0,317
CHR6	16702748	CHR6:16702748	SSF x Near_LoA	-9,81674624	0,001	0,310
CHR6	16735942	CHR6:16735942	SSF x Near_LoA	-8,69635011	0,011	0,301
CHR6	16735957	CHR6:16735957	SSF x Near_LoA	-7,9612518	0,013	0,314
CHR6	16735992	CHR6:16735992	SSF x Near_LoA	-9,91680826	0,054	0,313
CHR6	16736037	CHR6:16736037	SSF x Near_LoA	-8,31793607	0,009	0,310
CHR6	1674088	CHR6:1674088	SSF x Near_LoA	-7,50356254	-0,088	0,317
CHR6	16745982	CHR6:16745982	SSF x Near_LoA	-6,45147782	0,035	0,303
CHR6	16745988	CHR6:16745988	SSF x Near_LoA	-8,67601034	0,037	0,295
CHR6	16746010	CHR6:16746010	SSF x Near_LoA	-9,88525362	0,020	0,313
CHR6	16746017	CHR6:16746017	SSF x Near_LoA	-8,47669852	0,003	0,309
CHR6	16746061	CHR6:16746061	SSF x Near_LoA	-6,21327262	0,064	0,300
CHR6	16766706	CHR6:16766706	SSF x Near_LoA	-5,85378668	0,004	0,298
CHR6	16766709	CHR6:16766709	SSF x Near_LoA	-8,64100812	0,031	0,304
CHR6	16783007	CHR6:16783007	SSF x Near_LoA	-10,5041218	-0,079	0,315
CHR6	16783049	CHR6:16783049	SSF x Near_LoA	-10,5837203	-0,039	0,306
CHR6	16783052	CHR6:16783052	SSF x Near_LoA	-11,5067819	-0,051	0,311
CHR6	16783059	CHR6:16783059	SSF x Near_LoA	-10,3473399	0,032	0,300
CHR6	16783063	CHR6:16783063	SSF x Near_LoA	-8,46319332	-0,116	0,290
CHR6	16783087	CHR6:16783087	SSF x Near_LoA	-9,0582177	-0,021	0,323
CHR6	16783092	CHR6:16783092	SSF x Near_LoA	-10,4743924	-0,016	0,310
CHR6	16783096	CHR6:16783096	SSF x Near_LoA	-1,18868282	-0,058	0,305
CHR6	16783121	CHR6:16783121	SSF x Near_LoA	-9,55335611	-0,055	0,313
CHR6	16786064	CHR6:16786064	SSF x Near_LoA	-12,2840513	-0,048	0,296
CHR6	16786128	CHR6:16786128	SSF x Near_LoA	-9,43660752	0,100	0,303
CHR6	16793078	CHR6:16793078	SSF x Near_LoA	-8,24967991	0,078	0,318
CHR6	16793092	CHR6:16793092	SSF x Near_LoA	-10,9697717	0,028	0,306
CHR6	16793116	CHR6:16793116	SSF x Near_LoA	-9,53479873	0,133	0,304
CHR6	16793184	CHR6:16793184	SSF x Near_LoA	-6,31615742	0,142	0,304
CHR6	16793187	CHR6:16793187	SSF x Near_LoA	-7,94525455	-0,121	0,312
CHR6	16793196	CHR6:16793196	SSF x Near_LoA	-9,82297554	-0,076	0,301
CHR6	16794106	CHR6:16794106	SSF x Near_LoA	-9,39911343	0,078	0,316
CHR6	16794124	CHR6:16794124	SSF x Near_LoA	-10,4534951	0,137	0,300
CHR6	16799720	CHR6:16799720	SSF x Near_LoA	-8,66692981	0,037	0,301
CHR6	16799750	CHR6:16799750	SSF x Near_LoA	-8,54839489	-0,026	0,302
CHR6	16799839	CHR6:16799839	SSF x Near_LoA	-8,53813704	0,004	0,305
CHR6	16799895	CHR6:16799895	SSF x Near_LoA	-8,13686678	0,050	0,310
CHR6	16799913	CHR6:16799913	SSF x Near_LoA	-7,36309245	-0,098	0,314
CHR6	16799915	CHR6:16799915	SSF x Near_LoA	-9,71503514	-0,017	0,307
CHR6	16799918	CHR6:16799918	SSF x Near_LoA	-8,16407059	-0,090	0,297
CHR6	16799968	CHR6:16799968	SSF x Near_LoA	-8,57550039	-0,022	0,300
CHR6	16808491	CHR6:16808491	SSF x Near_LoA	-6,46412337	-0,174	0,309
CHR6	16808497	CHR6:16808497	SSF x Near_LoA	-9,98228781	0,023	0,308

CHR6	16808550	CHR6:16808550	SSF x Near_LoA	-5,62116956	-0,210	0,298
CHR6	16808559	CHR6:16808559	SSF x Near_LoA	-8,80980146	0,124	0,302
CHR6	16808595	CHR6:16808595	SSF x Near_LoA	-3,34763574	0,130	0,305
CHR6	16813585	CHR6:16813585	SSF x Near_LoA	-9,09832065	0,034	0,300
CHR6	16813696	CHR6:16813696	SSF x Near_LoA	-8,86146882	0,095	0,299
CHR6	16813705	CHR6:16813705	SSF x Near_LoA	-10,2419975	0,084	0,292
CHR6	16818588	CHR6:16818588	SSF x Near_LoA	-9,0064774	-0,027	0,301
CHR6	16818631	CHR6:16818631	SSF x Near_LoA	0,11060919	0,037	0,313
CHR6	16818633	CHR6:16818633	SSF x Near_LoA	-9,16430072	-0,043	0,307
CHR6	16818648	CHR6:16818648	SSF x Near_LoA	-12,2909652	-0,002	0,302
CHR6	16818653	CHR6:16818653	SSF x Near_LoA	-11,5459212	-0,021	0,287
CHR6	16818668	CHR6:16818668	SSF x Near_LoA	-9,11349213	0,045	0,314
CHR6	16818691	CHR6:16818691	SSF x Near_LoA	-9,76585031	0,020	0,295
CHR6	16818791	CHR6:16818791	SSF x Near_LoA	-9,13417105	0,053	0,307
CHR6	16818832	CHR6:16818832	SSF x Near_LoA	-10,2040633	0,017	0,313
CHR6	16831061	CHR6:16831061	SSF x Near_LoA	-8,54470414	-0,035	0,307
CHR6	16831088	CHR6:16831088	SSF x Near_LoA	-5,17840708	-0,078	0,299
CHR6	16831108	CHR6:16831108	SSF x Near_LoA	-9,46516956	-0,006	0,296
CHR6	16831150	CHR6:16831150	SSF x Near_LoA	-11,1582995	-0,024	0,302
CHR6	16831159	CHR6:16831159	SSF x Near_LoA	-9,59911826	-0,008	0,298
CHR6	16831224	CHR6:16831224	SSF x Near_LoA	-10,0022522	-0,064	0,308
CHR6	16831245	CHR6:16831245	SSF x Near_LoA	-9,66635887	0,091	0,295
CHR6	16831273	CHR6:16831273	SSF x Near_LoA	-7,35910168	0,115	0,290
CHR6	16831302	CHR6:16831302	SSF x Near_LoA	-10,5494082	-0,029	0,302
CHR6	16846857	CHR6:16846857	SSF x Near_LoA	-5,03202847	0,177	0,289
CHR6	16846858	CHR6:16846858	SSF x Near_LoA	-10,4669097	-0,025	0,317
CHR6	16854815	CHR6:16854815	SSF x Near_LoA	-9,51675815	0,131	0,306
CHR6	16854824	CHR6:16854824	SSF x Near_LoA	-8,52003813	-0,069	0,311
CHR6	16854890	CHR6:16854890	SSF x Near_LoA	-10,2507263	0,007	0,311
CHR6	16854921	CHR6:16854921	SSF x Near_LoA	-9,39455316	-0,040	0,302
CHR6	16858929	CHR6:16858929	SSF x Near_LoA	-8,38381416	0,073	0,310
CHR6	16858991	CHR6:16858991	SSF x Near_LoA	-7,07856911	0,187	0,291
CHR6	16864028	CHR6:16864028	SSF x Near_LoA	-11,1356898	0,005	0,312
CHR6	1686594	CHR6:1686594	SSF x Near_LoA	-11,6716667	-0,061	0,302
CHR6	1686606	CHR6:1686606	SSF x Near_LoA	-10,533135	0,035	0,328
CHR6	1686636	CHR6:1686636	SSF x Near_LoA	-10,1109603	-0,064	0,311
CHR6	1686670	CHR6:1686670	SSF x Near_LoA	-10,5821333	-0,016	0,300
CHR6	16899757	CHR6:16899757	SSF x Near_LoA	-8,04123366	-0,010	0,321
CHR6	16899769	CHR6:16899769	SSF x Near_LoA	-11,8439353	0,047	0,301
CHR6	16899788	CHR6:16899788	SSF x Near_LoA	-5,90816667	0,195	0,306
CHR6	1690019	CHR6:1690019	SSF x Near_LoA	-10,3378332	0,062	0,298
CHR6	16905961	CHR6:16905961	SSF x Near_LoA	-10,2333118	-0,053	0,309
CHR6	16906047	CHR6:16906047	SSF x Near_LoA	-7,59719261	0,042	0,308
CHR6	16909407	CHR6:16909407	SSF x Near_LoA	-9,80259107	-0,041	0,303
CHR6	16909458	CHR6:16909458	SSF x Near_LoA	-10,3345604	0,022	0,312
CHR6	16909465	CHR6:16909465	SSF x Near_LoA	-8,09093872	-0,060	0,307
CHR6	16909511	CHR6:16909511	SSF x Near_LoA	-10,8031951	0,035	0,301
CHR6	16909515	CHR6:16909515	SSF x Near_LoA	-9,31997137	0,046	0,317
CHR6	16913212	CHR6:16913212	SSF x Near_LoA	-9,04057492	-0,041	0,314
CHR6	16917983	CHR6:16917983	SSF x Near_LoA	-11,1043832	-0,007	0,313
CHR6	16918028	CHR6:16918028	SSF x Near_LoA	-8,3783532	0,049	0,304
CHR6	16918061	CHR6:16918061	SSF x Near_LoA	-9,30677599	-0,007	0,308
CHR6	16918077	CHR6:16918077	SSF x Near_LoA	-11,3135514	0,108	0,309

CHR6	16918139	CHR6:16918139	SSF x Near_LoA	-9,71194385	0,093	0,295
CHR6	16925258	CHR6:16925258	SSF x Near_LoA	-9,13889595	0,133	0,296
CHR6	16925364	CHR6:16925364	SSF x Near_LoA	-10,7235121	-0,002	0,313
CHR6	16925392	CHR6:16925392	SSF x Near_LoA	-3,39852436	0,128	0,309
CHR6	16931556	CHR6:16931556	SSF x Near_LoA	-0,86420113	-0,180	0,304
CHR6	16931613	CHR6:16931613	SSF x Near_LoA	-10,5561416	0,094	0,291
CHR6	16931720	CHR6:16931720	SSF x Near_LoA	-8,28568378	-0,154	0,306
CHR6	16934679	CHR6:16934679	SSF x Near_LoA	-8,17978845	-0,116	0,290
CHR6	16934732	CHR6:16934732	SSF x Near_LoA	-9,72226537	0,021	0,313
CHR6	16934735	CHR6:16934735	SSF x Near_LoA	-8,90470608	-0,104	0,293
CHR6	16942164	CHR6:16942164	SSF x Near_LoA	-7,63403029	0,053	0,306
CHR6	16943796	CHR6:16943796	SSF x Near_LoA	-9,14654195	-0,047	0,313
CHR6	16944032	CHR6:16944032	SSF x Near_LoA	-7,61589517	-0,045	0,314
CHR6	16944083	CHR6:16944083	SSF x Near_LoA	-9,03496453	-0,039	0,306
CHR6	16950916	CHR6:16950916	SSF x Near_LoA	-9,86685981	0,082	0,312
CHR6	16950939	CHR6:16950939	SSF x Near_LoA	-8,2308469	-0,005	0,307
CHR6	16950952	CHR6:16950952	SSF x Near_LoA	-7,47894291	-0,086	0,301
CHR6	16951022	CHR6:16951022	SSF x Near_LoA	-9,61901169	-0,111	0,296
CHR6	16951024	CHR6:16951024	SSF x Near_LoA	-9,82554974	0,114	0,304
CHR6	16952861	CHR6:16952861	SSF x Near_LoA	-10,032791	0,033	0,315
CHR6	16956962	CHR6:16956962	SSF x Near_LoA	-8,79439705	-0,054	0,314
CHR6	16957089	CHR6:16957089	SSF x Near_LoA	-6,43655622	-0,073	0,305
CHR6	16958797	CHR6:16958797	SSF x Near_LoA	-8,03238156	-0,055	0,320
CHR6	16965939	CHR6:16965939	SSF x Near_LoA	-10,846826	-0,049	0,302
CHR6	16965977	CHR6:16965977	SSF x Near_LoA	-10,3196546	-0,061	0,312
CHR6	16965995	CHR6:16965995	SSF x Near_LoA	-8,89188054	0,118	0,303
CHR6	16971759	CHR6:16971759	SSF x Near_LoA	-10,4680354	-0,029	0,309
CHR6	16974120	CHR6:16974120	SSF x Near_LoA	-8,84434763	-0,053	0,322
CHR6	16974126	CHR6:16974126	SSF x Near_LoA	-10,2515037	0,040	0,300
CHR6	16974172	CHR6:16974172	SSF x Near_LoA	-9,31760875	-0,037	0,297
CHR6	16974186	CHR6:16974186	SSF x Near_LoA	-8,92689364	-0,016	0,301
CHR6	16974201	CHR6:16974201	SSF x Near_LoA	-9,73561572	0,104	0,290
CHR6	16974215	CHR6:16974215	SSF x Near_LoA	-8,30851743	0,036	0,302
CHR6	16974243	CHR6:16974243	SSF x Near_LoA	-10,9786131	0,024	0,309
CHR6	16974273	CHR6:16974273	SSF x Near_LoA	-10,9740516	0,029	0,298
CHR6	16974294	CHR6:16974294	SSF x Near_LoA	-8,65676294	0,105	0,311
CHR6	16974347	CHR6:16974347	SSF x Near_LoA	-3,77101218	-0,237	0,308
CHR6	1698345	CHR6:1698345	SSF x Near_LoA	-11,116187	0,013	0,300
CHR6	1698370	CHR6:1698370	SSF x Near_LoA	-11,1209967	0,007	0,306
CHR6	16985378	CHR6:16985378	SSF x Near_LoA	-10,5816975	-0,002	0,303
CHR6	16985412	CHR6:16985412	SSF x Near_LoA	-8,36854525	0,063	0,288
CHR6	16985424	CHR6:16985424	SSF x Near_LoA	-8,69308681	-0,014	0,325
CHR6	16985453	CHR6:16985453	SSF x Near_LoA	-10,6483363	-0,102	0,303
CHR6	16985473	CHR6:16985473	SSF x Near_LoA	-11,0834749	-0,001	0,299
CHR6	16985487	CHR6:16985487	SSF x Near_LoA	-10,8614633	-0,091	0,296
CHR6	16985567	CHR6:16985567	SSF x Near_LoA	-6,3455151	-0,123	0,309
CHR6	16985570	CHR6:16985570	SSF x Near_LoA	-5,82760895	-0,015	0,313
CHR6	16985617	CHR6:16985617	SSF x Near_LoA	-9,38708367	-0,178	0,310
CHR6	16989243	CHR6:16989243	SSF x Near_LoA	-10,3206022	0,084	0,300
CHR6	17005567	CHR6:17005567	SSF x Near_LoA	-10,3372243	0,086	0,307
CHR6	17005611	CHR6:17005611	SSF x Near_LoA	-10,8137688	-0,085	0,301
CHR6	17005662	CHR6:17005662	SSF x Near_LoA	-11,3018104	-0,002	0,319
CHR6	17005673	CHR6:17005673	SSF x Near_LoA	-11,1661824	0,010	0,312

CHR6	17005690	CHR6:17005690	SSF x Near_LoA	-8,59455607	0,035	0,299
CHR6	17005722	CHR6:17005722	SSF x Near_LoA	-9,0415736	-0,001	0,298
CHR6	17005735	CHR6:17005735	SSF x Near_LoA	-10,8647191	0,016	0,319
CHR6	17005740	CHR6:17005740	SSF x Near_LoA	-9,08494114	0,008	0,302
CHR6	17005763	CHR6:17005763	SSF x Near_LoA	-9,50337933	0,100	0,306
CHR6	17005784	CHR6:17005784	SSF x Near_LoA	-10,9665758	-0,008	0,296
CHR6	17005796	CHR6:17005796	SSF x Near_LoA	-8,33264873	0,061	0,323
CHR6	17005801	CHR6:17005801	SSF x Near_LoA	-7,51407094	0,078	0,302
CHR6	17005817	CHR6:17005817	SSF x Near_LoA	-8,80329881	-0,013	0,315
CHR6	17005820	CHR6:17005820	SSF x Near_LoA	-9,06387472	-0,031	0,310
CHR6	17011042	CHR6:17011042	SSF x Near_LoA	-6,59703785	0,115	0,298
CHR6	17011070	CHR6:17011070	SSF x Near_LoA	-8,97056796	0,002	0,320
CHR6	17011086	CHR6:17011086	SSF x Near_LoA	-11,1788266	-0,047	0,302
CHR6	17011136	CHR6:17011136	SSF x Near_LoA	-9,79349148	-0,135	0,295
CHR6	17011259	CHR6:17011259	SSF x Near_LoA	-10,0885999	-0,119	0,293
CHR6	17014795	CHR6:17014795	SSF x Near_LoA	-10,2367165	0,039	0,309
CHR6	17014890	CHR6:17014890	SSF x Near_LoA	-7,06116704	-0,228	0,290
CHR6	17014891	CHR6:17014891	SSF x Near_LoA	-6,38763036	0,152	0,305
CHR6	17014919	CHR6:17014919	SSF x Near_LoA	-8,35006477	0,150	0,312
CHR6	17023886	CHR6:17023886	SSF x Near_LoA	-7,58243684	-0,041	0,306
CHR6	17024070	CHR6:17024070	SSF x Near_LoA	-5,97342326	0,139	0,301
CHR6	17024081	CHR6:17024081	SSF x Near_LoA	-6,24819335	0,156	0,297
CHR6	17025797	CHR6:17025797	SSF x Near_LoA	-9,87502389	0,123	0,290
CHR6	17025819	CHR6:17025819	SSF x Near_LoA	-11,2277829	-0,005	0,298
CHR6	17025909	CHR6:17025909	SSF x Near_LoA	-7,2579748	-0,143	0,312
CHR6	17030612	CHR6:17030612	SSF x Near_LoA	-7,58965698	-0,091	0,321
CHR6	17033854	CHR6:17033854	SSF x Near_LoA	-9,39995813	-0,113	0,298
CHR6	17034173	CHR6:17034173	SSF x Near_LoA	-5,00942788	-0,123	0,308
CHR6	17034176	CHR6:17034176	SSF x Near_LoA	-9,90138522	0,047	0,309
CHR6	17034189	CHR6:17034189	SSF x Near_LoA	-9,15581141	-0,104	0,292
CHR6	17037757	CHR6:17037757	SSF x Near_LoA	-10,500678	0,002	0,304
CHR6	17037763	CHR6:17037763	SSF x Near_LoA	-7,68653078	-0,034	0,316
CHR6	17037772	CHR6:17037772	SSF x Near_LoA	-8,76746636	0,143	0,295
CHR6	17037777	CHR6:17037777	SSF x Near_LoA	-9,85445964	0,092	0,299
CHR6	17037786	CHR6:17037786	SSF x Near_LoA	-10,389377	0,115	0,303
CHR6	17037794	CHR6:17037794	SSF x Near_LoA	8,8668885	0,127	0,298
CHR6	17037846	CHR6:17037846	SSF x Near_LoA	-8,35085596	-0,046	0,307
CHR6	17037879	CHR6:17037879	SSF x Near_LoA	-8,73068323	-0,098	0,310
CHR6	17037949	CHR6:17037949	SSF x Near_LoA	-5,08277007	-0,079	0,327
CHR6	17037968	CHR6:17037968	SSF x Near_LoA	-8,0785007	0,140	0,306
CHR6	17037969	CHR6:17037969	SSF x Near_LoA	-7,98890817	0,156	0,309
CHR6	17045816	CHR6:17045816	SSF x Near_LoA	-8,42544737	0,039	0,315
CHR6	17045831	CHR6:17045831	SSF x Near_LoA	-7,64471747	-0,026	0,306
CHR6	17045910	CHR6:17045910	SSF x Near_LoA	-10,3297267	-0,004	0,306
CHR6	17046034	CHR6:17046034	SSF x Near_LoA	-10,1363245	0,000	0,301
CHR6	17050616	CHR6:17050616	SSF x Near_LoA	-7,63314062	-0,006	0,312
CHR6	17050618	CHR6:17050618	SSF x Near_LoA	-7,10443433	0,023	0,311
CHR6	17050619	CHR6:17050619	SSF x Near_LoA	-8,28429356	-0,004	0,318
CHR6	17050624	CHR6:17050624	SSF x Near_LoA	-7,64535284	-0,005	0,323
CHR6	1706131	CHR6:1706131	SSF x Near_LoA	-8,84247872	-0,078	0,298
CHR6	1706132	CHR6:1706132	SSF x Near_LoA	-10,2389818	-0,103	0,315
CHR6	1706237	CHR6:1706237	SSF x Near_LoA	-7,07520464	0,006	0,297
CHR6	17075507	CHR6:17075507	SSF x Near_LoA	-8,34694427	-0,109	0,295

CHR6	17075532	CHR6:17075532	SSF x Near_LoA	-0,62466115	0,035	0,305
CHR6	17075546	CHR6:17075546	SSF x Near_LoA	-5,39424277	-0,137	0,314
CHR6	17075559	CHR6:17075559	SSF x Near_LoA	-7,89826411	0,007	0,318
CHR6	17075586	CHR6:17075586	SSF x Near_LoA	-10,0349232	-0,015	0,312
CHR6	17075661	CHR6:17075661	SSF x Near_LoA	-9,73862226	0,022	0,303
CHR6	17077838	CHR6:17077838	SSF x Near_LoA	-0,63355292	0,005	0,320
CHR6	17077910	CHR6:17077910	SSF x Near_LoA	-10,8790197	0,047	0,298
CHR6	17077912	CHR6:17077912	SSF x Near_LoA	-8,63663619	-0,212	0,293
CHR6	17082212	CHR6:17082212	SSF x Near_LoA	-8,91011251	-0,144	0,314
CHR6	17082223	CHR6:17082223	SSF x Near_LoA	-1,87842987	-0,189	0,295
CHR6	17098142	CHR6:17098142	SSF x Near_LoA	-11,53225	-0,094	0,306
CHR6	17100358	CHR6:17100358	SSF x Near_LoA	-10,1601454	0,039	0,312
CHR6	17100591	CHR6:17100591	SSF x Near_LoA	-9,48332222	-0,072	0,297
CHR6	17101814	CHR6:17101814	SSF x Near_LoA	-9,12693976	-0,007	0,302
CHR6	1710599	CHR6:1710599	SSF x Near_LoA	-9,1476064	-0,109	0,301
CHR6	1710671	CHR6:1710671	SSF x Near_LoA	-1,47307611	0,027	0,323
CHR6	17108058	CHR6:17108058	SSF x Near_LoA	-7,02987199	0,000	0,324
CHR6	17108617	CHR6:17108617	SSF x Near_LoA	-10,5739927	0,102	0,317
CHR6	17108648	CHR6:17108648	SSF x Near_LoA	-9,35819951	0,100	0,302
CHR6	17108657	CHR6:17108657	SSF x Near_LoA	-9,37245432	-0,036	0,310
CHR6	17121948	CHR6:17121948	SSF x Near_LoA	-6,2448481	-0,112	0,303
CHR6	17121983	CHR6:17121983	SSF x Near_LoA	-6,36286466	-0,085	0,316
CHR6	17122068	CHR6:17122068	SSF x Near_LoA	-10,6290076	-0,007	0,311
CHR6	17122094	CHR6:17122094	SSF x Near_LoA	-10,1289251	0,000	0,310
CHR6	17122128	CHR6:17122128	SSF x Near_LoA	-7,27727951	0,114	0,304
CHR6	17122134	CHR6:17122134	SSF x Near_LoA	-5,31986594	0,135	0,305
CHR6	17122152	CHR6:17122152	SSF x Near_LoA	-6,48215866	-0,053	0,311
CHR6	17122155	CHR6:17122155	SSF x Near_LoA	-8,64305693	-0,044	0,320
CHR6	17122173	CHR6:17122173	SSF x Near_LoA	-9,30552997	-0,042	0,305
CHR6	17122194	CHR6:17122194	SSF x Near_LoA	-8,65686444	0,025	0,306
CHR6	17132365	CHR6:17132365	SSF x Near_LoA	-10,9393242	0,019	0,297
CHR6	17132416	CHR6:17132416	SSF x Near_LoA	-9,46622625	-0,080	0,317
CHR6	17145028	CHR6:17145028	SSF x Near_LoA	-5,95535736	0,182	0,294
CHR6	17145038	CHR6:17145038	SSF x Near_LoA	-9,22493896	-0,042	0,316
CHR6	17145059	CHR6:17145059	SSF x Near_LoA	-6,44805309	-0,015	0,313
CHR6	17145078	CHR6:17145078	SSF x Near_LoA	-8,67424093	0,071	0,313
CHR6	17145083	CHR6:17145083	SSF x Near_LoA	-7,8199167	0,094	0,288
CHR6	17145088	CHR6:17145088	SSF x Near_LoA	-11,410602	0,067	0,299
CHR6	17145089	CHR6:17145089	SSF x Near_LoA	-8,61713996	0,090	0,324
CHR6	17145097	CHR6:17145097	SSF x Near_LoA	-8,21887837	-0,025	0,308
CHR6	17145110	CHR6:17145110	SSF x Near_LoA	-10,3073444	0,087	0,303
CHR6	17145130	CHR6:17145130	SSF x Near_LoA	-5,501082	0,058	0,324
CHR6	17145141	CHR6:17145141	SSF x Near_LoA	-5,126304	0,048	0,308
CHR6	17145167	CHR6:17145167	SSF x Near_LoA	-8,03108094	0,048	0,302
CHR6	17145170	CHR6:17145170	SSF x Near_LoA	-8,24056034	-0,049	0,313
CHR6	17145176	CHR6:17145176	SSF x Near_LoA	-7,22844936	-0,024	0,307
CHR6	17145214	CHR6:17145214	SSF x Near_LoA	-10,9031722	0,070	0,293
CHR6	17145226	CHR6:17145226	SSF x Near_LoA	-11,4090193	0,062	0,290
CHR6	17145227	CHR6:17145227	SSF x Near_LoA	-8,04606141	-0,033	0,305
CHR6	17145254	CHR6:17145254	SSF x Near_LoA	-9,86703146	-0,005	0,305
CHR6	17154351	CHR6:17154351	SSF x Near_LoA	-7,95351088	-0,060	0,300
CHR6	17154379	CHR6:17154379	SSF x Near_LoA	-8,85531866	0,063	0,300
CHR6	17154434	CHR6:17154434	SSF x Near_LoA	-9,6843104	-0,084	0,307

CHR6	17154473	CHR6:17154473	SSF x Near_LoA	-8,57134093	0,119	0,315
CHR6	17154479	CHR6:17154479	SSF x Near_LoA	-11,0989561	0,021	0,321
CHR6	17154580	CHR6:17154580	SSF x Near_LoA	-9,91754812	-0,100	0,297
CHR6	17154615	CHR6:17154615	SSF x Near_LoA	-8,6710138	0,067	0,316
CHR6	17158255	CHR6:17158255	SSF x Near_LoA	-7,72218271	0,026	0,317
CHR6	1715876	CHR6:1715876	SSF x Near_LoA	-8,41725585	-0,095	0,310
CHR6	1715910	CHR6:1715910	SSF x Near_LoA	-9,85213633	-0,064	0,314
CHR6	1715922	CHR6:1715922	SSF x Near_LoA	-9,12514942	-0,044	0,312
CHR6	1716022	CHR6:1716022	SSF x Near_LoA	-8,04490954	0,063	0,310
CHR6	1716048	CHR6:1716048	SSF x Near_LoA	-7,88796041	-0,037	0,322
CHR6	1716085	CHR6:1716085	SSF x Near_LoA	-8,24580741	-0,030	0,303
CHR6	17187767	CHR6:17187767	SSF x Near_LoA	-7,02209334	-0,160	0,290
CHR6	17187863	CHR6:17187863	SSF x Near_LoA	-8,54251427	0,024	0,326
CHR6	17188285	CHR6:17188285	SSF x Near_LoA	-6,25998715	-0,150	0,299
CHR6	17188367	CHR6:17188367	SSF x Near_LoA	-8,3488895	0,100	0,313
CHR6	17202081	CHR6:17202081	SSF x Near_LoA	-9,58503573	-0,082	0,306
CHR6	17202116	CHR6:17202116	SSF x Near_LoA	-10,1462063	-0,080	0,296
CHR6	17204503	CHR6:17204503	SSF x Near_LoA	-8,4287087	0,113	0,314
CHR6	17204601	CHR6:17204601	SSF x Near_LoA	-2,79007938	0,217	0,292
CHR6	17216935	CHR6:17216935	SSF x Near_LoA	-10,656947	-0,006	0,304
CHR6	17219744	CHR6:17219744	SSF x Near_LoA	-11,3178121	0,014	0,309
CHR6	17219748	CHR6:17219748	SSF x Near_LoA	-10,939445	0,023	0,313
CHR6	17219760	CHR6:17219760	SSF x Near_LoA	-10,7721311	-0,010	0,315
CHR6	17219780	CHR6:17219780	SSF x Near_LoA	-8,05151714	-0,017	0,316
CHR6	17221680	CHR6:17221680	SSF x Near_LoA	-9,70694089	-0,049	0,318
CHR6	1723439	CHR6:1723439	SSF x Near_LoA	-8,0099989	0,045	0,310
CHR6	17239149	CHR6:17239149	SSF x Near_LoA	-9,52433528	-0,058	0,311
CHR6	17239306	CHR6:17239306	SSF x Near_LoA	-8,97269993	0,094	0,296
CHR6	17239384	CHR6:17239384	SSF x Near_LoA	-9,51321307	-0,067	0,316
CHR6	17239389	CHR6:17239389	SSF x Near_LoA	-10,1346934	-0,045	0,306
CHR6	17246967	CHR6:17246967	SSF x Near_LoA	-9,10468846	-0,093	0,317
CHR6	17246993	CHR6:17246993	SSF x Near_LoA	-9,37907049	-0,004	0,318
CHR6	17247012	CHR6:17247012	SSF x Near_LoA	-11,5007722	-0,040	0,297
CHR6	17247024	CHR6:17247024	SSF x Near_LoA	-7,01739263	0,068	0,304
CHR6	17247025	CHR6:17247025	SSF x Near_LoA	-6,58499511	-0,038	0,305
CHR6	17248879	CHR6:17248879	SSF x Near_LoA	-8,6675165	0,000	0,307
CHR6	17248894	CHR6:17248894	SSF x Near_LoA	-5,17187438	-0,104	0,314
CHR6	17248922	CHR6:17248922	SSF x Near_LoA	-7,69904655	0,015	0,319
CHR6	17248923	CHR6:17248923	SSF x Near_LoA	-7,01857301	-0,001	0,314
CHR6	17248945	CHR6:17248945	SSF x Near_LoA	-8,7587452	0,095	0,300
CHR6	17248946	CHR6:17248946	SSF x Near_LoA	-9,66719497	0,101	0,304
CHR6	17248962	CHR6:17248962	SSF x Near_LoA	-8,69806938	-0,008	0,309
CHR6	17248973	CHR6:17248973	SSF x Near_LoA	-9,47436613	0,028	0,319
CHR6	17260876	CHR6:17260876	SSF x Near_LoA	-8,83995908	0,148	0,308
CHR6	17260914	CHR6:17260914	SSF x Near_LoA	-9,83367134	0,017	0,312
CHR6	17260933	CHR6:17260933	SSF x Near_LoA	-8,66918252	-0,092	0,320
CHR6	17264630	CHR6:17264630	SSF x Near_LoA	-9,81889238	0,027	0,304
CHR6	17264642	CHR6:17264642	SSF x Near_LoA	-8,21126393	-0,039	0,304
CHR6	17264664	CHR6:17264664	SSF x Near_LoA	-6,56447809	0,016	0,297
CHR6	17266968	CHR6:17266968	SSF x Near_LoA	-7,83718548	-0,047	0,303
CHR6	17267010	CHR6:17267010	SSF x Near_LoA	-8,18950435	0,056	0,311
CHR6	17267057	CHR6:17267057	SSF x Near_LoA	-10,1906904	-0,087	0,301
CHR6	17267061	CHR6:17267061	SSF x Near_LoA	-9,85734564	-0,115	0,308

CHR6	17275725	CHR6:17275725	SSF x Near_LoA	-8,72132995	-0,070	0,301
CHR6	17280370	CHR6:17280370	SSF x Near_LoA	-9,86274765	-0,011	0,316
CHR6	17280469	CHR6:17280469	SSF x Near_LoA	-5,04571749	-0,052	0,318
CHR6	17280509	CHR6:17280509	SSF x Near_LoA	-7,16128738	0,081	0,309
CHR6	17280532	CHR6:17280532	SSF x Near_LoA	-8,76275522	-0,028	0,300
CHR6	17280537	CHR6:17280537	SSF x Near_LoA	-9,55948434	0,016	0,303
CHR6	17287866	CHR6:17287866	SSF x Near_LoA	-6,51420966	0,042	0,307
CHR6	17289801	CHR6:17289801	SSF x Near_LoA	-8,69440038	0,073	0,294
CHR6	17289802	CHR6:17289802	SSF x Near_LoA	-5,13088821	-0,132	0,305
CHR6	17289831	CHR6:17289831	SSF x Near_LoA	-7,78169172	0,045	0,301
CHR6	17289874	CHR6:17289874	SSF x Near_LoA	-10,0754539	0,026	0,313
CHR6	17289944	CHR6:17289944	SSF x Near_LoA	-9,03016647	-0,074	0,283
CHR6	17289949	CHR6:17289949	SSF x Near_LoA	-8,70687665	-0,064	0,296
CHR6	17289982	CHR6:17289982	SSF x Near_LoA	-6,04264816	-0,067	0,306
CHR6	17289997	CHR6:17289997	SSF x Near_LoA	-10,4968426	-0,057	0,306
CHR6	1730967	CHR6:1730967	SSF x Near_LoA	-10,1939444	-0,001	0,306
CHR6	1730973	CHR6:1730973	SSF x Near_LoA	-9,66615619	-0,018	0,309
CHR6	1731007	CHR6:1731007	SSF x Near_LoA	-11,4929327	0,052	0,296
CHR6	1731021	CHR6:1731021	SSF x Near_LoA	-8,53557168	-0,022	0,292
CHR6	1731032	CHR6:1731032	SSF x Near_LoA	-11,2523125	0,005	0,311
CHR6	1731092	CHR6:1731092	SSF x Near_LoA	-10,6763006	0,015	0,318
CHR6	1731093	CHR6:1731093	SSF x Near_LoA	-11,3994348	0,024	0,309
CHR6	17311728	CHR6:17311728	SSF x Near_LoA	-9,20631056	0,026	0,311
CHR6	17311736	CHR6:17311736	SSF x Near_LoA	-8,12207867	0,052	0,306
CHR6	17311770	CHR6:17311770	SSF x Near_LoA	-9,15769936	-0,075	0,310
CHR6	17317326	CHR6:17317326	SSF x Near_LoA	-9,72167179	-0,006	0,302
CHR6	17317340	CHR6:17317340	SSF x Near_LoA	-8,773026	-0,006	0,303
CHR6	17338505	CHR6:17338505	SSF x Near_LoA	-7,45011805	-0,070	0,311
CHR6	17338576	CHR6:17338576	SSF x Near_LoA	-7,61141093	-0,053	0,311
CHR6	17338589	CHR6:17338589	SSF x Near_LoA	-6,95450254	-0,098	0,301
CHR6	17338621	CHR6:17338621	SSF x Near_LoA	-7,11695819	-0,022	0,309
CHR6	17338640	CHR6:17338640	SSF x Near_LoA	-7,90100417	-0,025	0,316
CHR6	17338668	CHR6:17338668	SSF x Near_LoA	-8,6149433	0,005	0,311
CHR6	17342	CHR6:17342	SSF x Near_LoA	-8,7589543	-0,004	0,324
CHR6	1734584	CHR6:1734584	SSF x Near_LoA	-4,03515857	0,019	0,308
CHR6	1734630	CHR6:1734630	SSF x Near_LoA	-9,52513744	-0,051	0,307
CHR6	1734797	CHR6:1734797	SSF x Near_LoA	-8,84637761	0,091	0,317
CHR6	17405388	CHR6:17405388	SSF x Near_LoA	-9,83891892	-0,019	0,308
CHR6	17405390	CHR6:17405390	SSF x Near_LoA	-9,91472577	-0,045	0,310
CHR6	17405435	CHR6:17405435	SSF x Near_LoA	-9,23522862	-0,066	0,318
CHR6	17405446	CHR6:17405446	SSF x Near_LoA	-10,1076812	-0,011	0,316
CHR6	17405522	CHR6:17405522	SSF x Near_LoA	-10,6532576	-0,032	0,315
CHR6	17405606	CHR6:17405606	SSF x Near_LoA	-10,0716528	-0,008	0,299
CHR6	17410260	CHR6:17410260	SSF x Near_LoA	-11,9992536	-0,004	0,309
CHR6	17414943	CHR6:17414943	SSF x Near_LoA	-8,74130746	0,042	0,321
CHR6	17418248	CHR6:17418248	SSF x Near_LoA	-10,2835786	0,050	0,304
CHR6	17419880	CHR6:17419880	SSF x Near_LoA	-5,56994383	0,126	0,315
CHR6	17419951	CHR6:17419951	SSF x Near_LoA	-9,97880022	-0,029	0,311
CHR6	17420042	CHR6:17420042	SSF x Near_LoA	-10,7565294	0,022	0,309
CHR6	17420087	CHR6:17420087	SSF x Near_LoA	-10,9377837	-0,086	0,298
CHR6	17423619	CHR6:17423619	SSF x Near_LoA	-7,98218761	-0,029	0,303
CHR6	17423675	CHR6:17423675	SSF x Near_LoA	-7,05182411	0,102	0,305
CHR6	17423677	CHR6:17423677	SSF x Near_LoA	-8,91223864	-0,013	0,315

CHR6	17423756	CHR6:17423756	SSF x Near_LoA	-9,3380608	0,066	0,304
CHR6	17431812	CHR6:17431812	SSF x Near_LoA	-8,29646515	0,028	0,295
CHR6	17431838	CHR6:17431838	SSF x Near_LoA	-11,3018383	0,041	0,306
CHR6	17431855	CHR6:17431855	SSF x Near_LoA	-9,63312631	-0,039	0,292
CHR6	17431892	CHR6:17431892	SSF x Near_LoA	-11,3960287	-0,064	0,308
CHR6	17431914	CHR6:17431914	SSF x Near_LoA	-9,82746828	-0,085	0,305
CHR6	17431915	CHR6:17431915	SSF x Near_LoA	1,97013674	0,100	0,294
CHR6	17431920	CHR6:17431920	SSF x Near_LoA	-10,6247622	-0,094	0,306
CHR6	17460429	CHR6:17460429	SSF x Near_LoA	-9,10896938	0,059	0,292
CHR6	17460465	CHR6:17460465	SSF x Near_LoA	-9,96701812	0,054	0,293
CHR6	17467168	CHR6:17467168	SSF x Near_LoA	-11,5649071	-0,017	0,305
CHR6	17472426	CHR6:17472426	SSF x Near_LoA	-10,1306517	0,163	0,306
CHR6	17472436	CHR6:17472436	SSF x Near_LoA	-7,6211594	0,033	0,304
CHR6	17475699	CHR6:17475699	SSF x Near_LoA	-9,13821721	-0,073	0,297
CHR6	17477545	CHR6:17477545	SSF x Near_LoA	-11,6185689	-0,001	0,295
CHR6	17505306	CHR6:17505306	SSF x Near_LoA	-9,96762293	-0,128	0,297
CHR6	17505311	CHR6:17505311	SSF x Near_LoA	-7,44420575	0,148	0,303
CHR6	17505352	CHR6:17505352	SSF x Near_LoA	-8,16470192	0,047	0,320
CHR6	17512146	CHR6:17512146	SSF x Near_LoA	-11,2267168	0,024	0,313
CHR6	17512169	CHR6:17512169	SSF x Near_LoA	-7,95951291	0,090	0,292
CHR6	17512220	CHR6:17512220	SSF x Near_LoA	-7,45115444	0,079	0,310
CHR6	17513221	CHR6:17513221	SSF x Near_LoA	-8,75068454	-0,085	0,297
CHR6	17513293	CHR6:17513293	SSF x Near_LoA	-9,88881278	0,000	0,292
CHR6	17513305	CHR6:17513305	SSF x Near_LoA	-9,39585817	-0,039	0,315
CHR6	17513309	CHR6:17513309	SSF x Near_LoA	-9,18820397	-0,069	0,315
CHR6	17524305	CHR6:17524305	SSF x Near_LoA	-10,6720439	-0,023	0,313
CHR6	17524487	CHR6:17524487	SSF x Near_LoA	-9,97401754	-0,049	0,313
CHR6	17524493	CHR6:17524493	SSF x Near_LoA	-9,63678823	0,017	0,302
CHR6	17524511	CHR6:17524511	SSF x Near_LoA	-8,59349119	0,028	0,318
CHR6	17534778	CHR6:17534778	SSF x Near_LoA	-6,52609326	-0,113	0,309
CHR6	17537154	CHR6:17537154	SSF x Near_LoA	-8,97661882	-0,011	0,318
CHR6	17537185	CHR6:17537185	SSF x Near_LoA	-9,08264536	-0,010	0,299
CHR6	17537216	CHR6:17537216	SSF x Near_LoA	-4,1271341	-0,128	0,306
CHR6	17537230	CHR6:17537230	SSF x Near_LoA	-7,5013817	-0,145	0,308
CHR6	17537291	CHR6:17537291	SSF x Near_LoA	-11,1800503	0,029	0,312
CHR6	17537346	CHR6:17537346	SSF x Near_LoA	-8,4364956	0,080	0,299
CHR6	17537386	CHR6:17537386	SSF x Near_LoA	-8,10886751	-0,100	0,294
CHR6	17537392	CHR6:17537392	SSF x Near_LoA	-7,59061415	0,007	0,305
CHR6	17537403	CHR6:17537403	SSF x Near_LoA	-8,36576009	-0,080	0,312
CHR6	17541023	CHR6:17541023	SSF x Near_LoA	-10,9851343	-0,107	0,290
CHR6	17541026	CHR6:17541026	SSF x Near_LoA	-10,4376263	0,026	0,308
CHR6	17541038	CHR6:17541038	SSF x Near_LoA	-10,5975805	-0,031	0,315
CHR6	17541151	CHR6:17541151	SSF x Near_LoA	-9,53798936	0,096	0,311
CHR6	17541180	CHR6:17541180	SSF x Near_LoA	-4,44720131	0,108	0,313
CHR6	17541200	CHR6:17541200	SSF x Near_LoA	-9,54895037	0,087	0,314
CHR6	17541232	CHR6:17541232	SSF x Near_LoA	-8,63904018	0,056	0,303
CHR6	17541258	CHR6:17541258	SSF x Near_LoA	-6,4645624	0,145	0,308
CHR6	17541262	CHR6:17541262	SSF x Near_LoA	-9,60469708	-0,113	0,310
CHR6	17541267	CHR6:17541267	SSF x Near_LoA	-7,94662232	-0,170	0,298
CHR6	17550273	CHR6:17550273	SSF x Near_LoA	-11,2285494	-0,025	0,298
CHR6	17550492	CHR6:17550492	SSF x Near_LoA	-11,3240663	0,081	0,305
CHR6	17563119	CHR6:17563119	SSF x Near_LoA	-9,71430959	-0,002	0,302
CHR6	17563526	CHR6:17563526	SSF x Near_LoA	-9,99547751	0,097	0,305

CHR6	17566337	CHR6:17566337	SSF x Near_LoA	-7,14019884	0,002	0,310
CHR6	17567559	CHR6:17567559	SSF x Near_LoA	-10,7622828	-0,109	0,305
CHR6	17567571	CHR6:17567571	SSF x Near_LoA	-9,556684	0,049	0,304
CHR6	17567685	CHR6:17567685	SSF x Near_LoA	-11,1623463	0,054	0,313
CHR6	17567729	CHR6:17567729	SSF x Near_LoA	-9,1774657	-0,021	0,324
CHR6	17567732	CHR6:17567732	SSF x Near_LoA	-9,51471272	-0,014	0,309
CHR6	17567755	CHR6:17567755	SSF x Near_LoA	-10,802394	0,005	0,315
CHR6	17567761	CHR6:17567761	SSF x Near_LoA	-11,6175398	0,028	0,299
CHR6	17567809	CHR6:17567809	SSF x Near_LoA	-6,20441834	0,017	0,315
CHR6	17567815	CHR6:17567815	SSF x Near_LoA	-10,697554	-0,070	0,304
CHR6	17567817	CHR6:17567817	SSF x Near_LoA	-8,95838265	-0,052	0,309
CHR6	17584733	CHR6:17584733	SSF x Near_LoA	-7,71804396	-0,057	0,306
CHR6	17584757	CHR6:17584757	SSF x Near_LoA	-5,17235141	-0,148	0,309
CHR6	17589798	CHR6:17589798	SSF x Near_LoA	-9,79228845	-0,039	0,298
CHR6	17589874	CHR6:17589874	SSF x Near_LoA	-10,4592553	0,012	0,286
CHR6	17605886	CHR6:17605886	SSF x Near_LoA	-10,5534421	-0,071	0,298
CHR6	17606746	CHR6:17606746	SSF x Near_LoA	-10,0565919	-0,012	0,312
CHR6	17606755	CHR6:17606755	SSF x Near_LoA	-7,39167792	-0,017	0,300
CHR6	17606771	CHR6:17606771	SSF x Near_LoA	-12,6467919	-0,005	0,299
CHR6	17606772	CHR6:17606772	SSF x Near_LoA	-4,32594795	0,010	0,314
CHR6	17606775	CHR6:17606775	SSF x Near_LoA	-11,4489832	0,005	0,306
CHR6	17606777	CHR6:17606777	SSF x Near_LoA	-11,2127878	-0,007	0,306
CHR6	17606822	CHR6:17606822	SSF x Near_LoA	-11,301564	-0,017	0,308
CHR6	17609333	CHR6:17609333	SSF x Near_LoA	-8,47381387	-0,048	0,308
CHR6	17613949	CHR6:17613949	SSF x Near_LoA	-7,08646344	-0,082	0,314
CHR6	17613950	CHR6:17613950	SSF x Near_LoA	-8,58714454	-0,088	0,311
CHR6	17613967	CHR6:17613967	SSF x Near_LoA	-1,46278356	0,053	0,309
CHR6	17613971	CHR6:17613971	SSF x Near_LoA	-11,1773703	0,059	0,298
CHR6	17613991	CHR6:17613991	SSF x Near_LoA	-12,0492632	0,073	0,300
CHR6	17613992	CHR6:17613992	SSF x Near_LoA	-11,0967808	0,053	0,301
CHR6	17613994	CHR6:17613994	SSF x Near_LoA	-8,83938435	-0,045	0,300
CHR6	17613999	CHR6:17613999	SSF x Near_LoA	-9,1713905	0,030	0,300
CHR6	17614050	CHR6:17614050	SSF x Near_LoA	-7,44962572	-0,141	0,302
CHR6	17614081	CHR6:17614081	SSF x Near_LoA	-11,4925449	-0,023	0,313
CHR6	17614082	CHR6:17614082	SSF x Near_LoA	-6,48901393	-0,144	0,303
CHR6	17614117	CHR6:17614117	SSF x Near_LoA	-9,27303925	0,031	0,313
CHR6	17618479	CHR6:17618479	SSF x Near_LoA	-9,32848085	0,107	0,302
CHR6	17618514	CHR6:17618514	SSF x Near_LoA	-8,21967788	0,105	0,316
CHR6	17618542	CHR6:17618542	SSF x Near_LoA	-9,24793412	0,044	0,312
CHR6	17619753	CHR6:17619753	SSF x Near_LoA	-11,0728813	-0,048	0,307
CHR6	17619754	CHR6:17619754	SSF x Near_LoA	-5,25574041	-0,025	0,304
CHR6	17619798	CHR6:17619798	SSF x Near_LoA	-4,44400293	-0,041	0,319
CHR6	17619875	CHR6:17619875	SSF x Near_LoA	-9,1351655	0,039	0,305
CHR6	17620264	CHR6:17620264	SSF x Near_LoA	-6,23241824	-0,006	0,311
CHR6	17620281	CHR6:17620281	SSF x Near_LoA	-9,56006741	0,173	0,291
CHR6	17620315	CHR6:17620315	SSF x Near_LoA	-8,8863449	-0,064	0,308
CHR6	17620342	CHR6:17620342	SSF x Near_LoA	-10,6268787	0,015	0,299
CHR6	17620359	CHR6:17620359	SSF x Near_LoA	-7,33510962	0,134	0,316
CHR6	17636705	CHR6:17636705	SSF x Near_LoA	-6,61438546	-0,005	0,321
CHR6	17636762	CHR6:17636762	SSF x Near_LoA	2,14286542	0,009	0,314
CHR6	1763911	CHR6:1763911	SSF x Near_LoA	-6,24655635	-0,038	0,307
CHR6	1763917	CHR6:1763917	SSF x Near_LoA	-10,2268588	-0,040	0,305
CHR6	1764075	CHR6:1764075	SSF x Near_LoA	-11,0753353	-0,004	0,305

CHR6	1764126	CHR6:1764126	SSF x Near_LoA	-11,2998592	-0,044	0,319
CHR6	1764598	CHR6:1764598	SSF x Near_LoA	-9,45393199	-0,094	0,295
CHR6	1764656	CHR6:1764656	SSF x Near_LoA	-9,31113285	-0,053	0,286
CHR6	1764673	CHR6:1764673	SSF x Near_LoA	-8,3398404	0,101	0,310
CHR6	1764675	CHR6:1764675	SSF x Near_LoA	-9,19976195	-0,146	0,303
CHR6	17652909	CHR6:17652909	SSF x Near_LoA	-9,2913007	0,059	0,297
CHR6	17652971	CHR6:17652971	SSF x Near_LoA	-8,53737964	0,033	0,315
CHR6	17653109	CHR6:17653109	SSF x Near_LoA	-8,9125367	0,003	0,309
CHR6	17653134	CHR6:17653134	SSF x Near_LoA	-9,83373132	0,132	0,291
CHR6	17657888	CHR6:17657888	SSF x Near_LoA	-5,99461338	-0,142	0,305
CHR6	17657971	CHR6:17657971	SSF x Near_LoA	-6,21750982	-0,198	0,298
CHR6	17658119	CHR6:17658119	SSF x Near_LoA	-9,93422196	0,056	0,301
CHR6	17660682	CHR6:17660682	SSF x Near_LoA	-9,57327172	0,041	0,307
CHR6	17660684	CHR6:17660684	SSF x Near_LoA	-8,18906891	0,093	0,308
CHR6	17660691	CHR6:17660691	SSF x Near_LoA	-8,27733685	-0,051	0,311
CHR6	17660695	CHR6:17660695	SSF x Near_LoA	-3,64174453	-0,033	0,301
CHR6	17660718	CHR6:17660718	SSF x Near_LoA	-8,73198133	-0,124	0,302
CHR6	17660731	CHR6:17660731	SSF x Near_LoA	-8,56717295	-0,083	0,318
CHR6	17660740	CHR6:17660740	SSF x Near_LoA	-9,52542087	-0,053	0,319
CHR6	17660772	CHR6:17660772	SSF x Near_LoA	-8,50986379	0,055	0,303
CHR6	17666700	CHR6:17666700	SSF x Near_LoA	-8,12722848	0,072	0,318
CHR6	17666789	CHR6:17666789	SSF x Near_LoA	-8,00856374	-0,029	0,310
CHR6	17666796	CHR6:17666796	SSF x Near_LoA	-11,4400796	-0,102	0,301
CHR6	17666801	CHR6:17666801	SSF x Near_LoA	-10,4983647	-0,062	0,300
CHR6	17666878	CHR6:17666878	SSF x Near_LoA	-8,65271866	-0,089	0,300
CHR6	17666927	CHR6:17666927	SSF x Near_LoA	-10,5847612	-0,021	0,300
CHR6	17666953	CHR6:17666953	SSF x Near_LoA	-7,69377013	0,059	0,310
CHR6	17671547	CHR6:17671547	SSF x Near_LoA	-3,05253557	0,043	0,316
CHR6	17671622	CHR6:17671622	SSF x Near_LoA	-6,74667105	0,013	0,310
CHR6	17671666	CHR6:17671666	SSF x Near_LoA	-7,66026685	0,007	0,316
CHR6	17671715	CHR6:17671715	SSF x Near_LoA	-10,136878	0,026	0,310
CHR6	17671814	CHR6:17671814	SSF x Near_LoA	-11,4752873	0,083	0,309
CHR6	1767217	CHR6:1767217	SSF x Near_LoA	-7,77712848	-0,053	0,308
CHR6	17686396	CHR6:17686396	SSF x Near_LoA	-8,54927217	0,086	0,309
CHR6	17686399	CHR6:17686399	SSF x Near_LoA	-8,74675441	-0,019	0,320
CHR6	17686468	CHR6:17686468	SSF x Near_LoA	-10,4138071	-0,047	0,298
CHR6	17686514	CHR6:17686514	SSF x Near_LoA	-8,96576158	-0,038	0,308
CHR6	17686522	CHR6:17686522	SSF x Near_LoA	-11,7946996	0,061	0,299
CHR6	17687946	CHR6:17687946	SSF x Near_LoA	-7,73854889	0,030	0,303
CHR6	17687955	CHR6:17687955	SSF x Near_LoA	-8,55616424	-0,104	0,307
CHR6	17688196	CHR6:17688196	SSF x Near_LoA	-9,79034285	-0,001	0,306
CHR6	17688211	CHR6:17688211	SSF x Near_LoA	-5,02486828	0,090	0,297
CHR6	17688229	CHR6:17688229	SSF x Near_LoA	-11,0401653	-0,004	0,310
CHR6	17688244	CHR6:17688244	SSF x Near_LoA	-10,3164851	-0,002	0,313
CHR6	17698747	CHR6:17698747	SSF x Near_LoA	-10,3465839	-0,069	0,297
CHR6	17698902	CHR6:17698902	SSF x Near_LoA	-7,5598097	-0,129	0,306
CHR6	17698914	CHR6:17698914	SSF x Near_LoA	-11,2207328	-0,082	0,304
CHR6	17698936	CHR6:17698936	SSF x Near_LoA	-10,8814073	0,083	0,298
CHR6	17708035	CHR6:17708035	SSF x Near_LoA	-4,93607574	0,169	0,316
CHR6	17708038	CHR6:17708038	SSF x Near_LoA	-11,5516046	-0,053	0,304
CHR6	17708118	CHR6:17708118	SSF x Near_LoA	-9,04793791	-0,065	0,318
CHR6	17709897	CHR6:17709897	SSF x Near_LoA	-7,44693122	-0,062	0,319
CHR6	17709927	CHR6:17709927	SSF x Near_LoA	-8,24492091	-0,040	0,316

CHR6	17709983	CHR6:17709983	SSF x Near_LoA	-10,7597638	-0,107	0,309
CHR6	17719703	CHR6:17719703	SSF x Near_LoA	-10,532239	0,001	0,311
CHR6	17735903	CHR6:17735903	SSF x Near_LoA	-6,10071176	-0,053	0,310
CHR6	17735948	CHR6:17735948	SSF x Near_LoA	-8,20029381	0,040	0,290
CHR6	17735995	CHR6:17735995	SSF x Near_LoA	-9,34094749	0,040	0,305
CHR6	17736014	CHR6:17736014	SSF x Near_LoA	-7,15357288	0,037	0,327
CHR6	17736082	CHR6:17736082	SSF x Near_LoA	-8,4589397	0,004	0,315
CHR6	17742506	CHR6:17742506	SSF x Near_LoA	-12,0297218	0,063	0,306
CHR6	17742578	CHR6:17742578	SSF x Near_LoA	-10,4163795	0,029	0,316
CHR6	17748939	CHR6:17748939	SSF x Near_LoA	-10,2201519	-0,057	0,312
CHR6	17748988	CHR6:17748988	SSF x Near_LoA	-9,51534323	-0,129	0,302
CHR6	17757638	CHR6:17757638	SSF x Near_LoA	-8,62293736	-0,125	0,305
CHR6	17757788	CHR6:17757788	SSF x Near_LoA	-9,56774609	0,138	0,295
CHR6	17760610	CHR6:17760610	SSF x Near_LoA	-9,14582834	-0,036	0,316
CHR6	17770056	CHR6:17770056	SSF x Near_LoA	-7,63435591	-0,044	0,298
CHR6	17770209	CHR6:17770209	SSF x Near_LoA	-11,1509869	-0,037	0,302
CHR6	17776659	CHR6:17776659	SSF x Near_LoA	-9,14600011	0,011	0,298
CHR6	17776673	CHR6:17776673	SSF x Near_LoA	-8,34082417	0,058	0,295
CHR6	17776691	CHR6:17776691	SSF x Near_LoA	-7,26572798	0,076	0,317
CHR6	17776786	CHR6:17776786	SSF x Near_LoA	-10,5156923	0,025	0,324
CHR6	17776809	CHR6:17776809	SSF x Near_LoA	-12,6640081	0,000	0,304
CHR6	17781442	CHR6:17781442	SSF x Near_LoA	-9,53452162	0,015	0,295
CHR6	17781497	CHR6:17781497	SSF x Near_LoA	-6,12507185	-0,034	0,328
CHR6	17781506	CHR6:17781506	SSF x Near_LoA	-9,7560038	0,043	0,304
CHR6	17781610	CHR6:17781610	SSF x Near_LoA	-6,16158113	-0,104	0,312
CHR6	17813162	CHR6:17813162	SSF x Near_LoA	-11,4778927	-0,009	0,305
CHR6	17813209	CHR6:17813209	SSF x Near_LoA	-8,23191673	-0,055	0,316
CHR6	17813262	CHR6:17813262	SSF x Near_LoA	-8,83274941	0,015	0,300
CHR6	17813340	CHR6:17813340	SSF x Near_LoA	-9,52819605	0,136	0,303
CHR6	17813344	CHR6:17813344	SSF x Near_LoA	-8,83337741	-0,022	0,309
CHR6	17813395	CHR6:17813395	SSF x Near_LoA	-9,1333287	0,058	0,295
CHR6	17815455	CHR6:17815455	SSF x Near_LoA	-8,72945577	-0,079	0,323
CHR6	17823009	CHR6:17823009	SSF x Near_LoA	-5,51028542	-0,053	0,320
CHR6	17823072	CHR6:17823072	SSF x Near_LoA	-10,0507767	-0,045	0,324
CHR6	17823112	CHR6:17823112	SSF x Near_LoA	-6,71266288	0,124	0,301
CHR6	17829183	CHR6:17829183	SSF x Near_LoA	-6,15357811	0,121	0,318
CHR6	17829234	CHR6:17829234	SSF x Near_LoA	-9,19952895	-0,073	0,287
CHR6	17844722	CHR6:17844722	SSF x Near_LoA	-10,470593	0,011	0,317
CHR6	1785070	CHR6:1785070	SSF x Near_LoA	-7,96121944	0,064	0,314
CHR6	17851906	CHR6:17851906	SSF x Near_LoA	-5,25193967	-0,062	0,321
CHR6	17851922	CHR6:17851922	SSF x Near_LoA	-7,44515105	0,040	0,319
CHR6	17852887	CHR6:17852887	SSF x Near_LoA	-4,24883625	0,148	0,319
CHR6	17852932	CHR6:17852932	SSF x Near_LoA	-9,57566497	-0,105	0,305
CHR6	17852942	CHR6:17852942	SSF x Near_LoA	-8,03249723	-0,076	0,324
CHR6	17852944	CHR6:17852944	SSF x Near_LoA	-11,4496735	-0,056	0,303
CHR6	17852953	CHR6:17852953	SSF x Near_LoA	2,39315765	-0,069	0,316
CHR6	17852978	CHR6:17852978	SSF x Near_LoA	-10,5269264	-0,060	0,309
CHR6	17852985	CHR6:17852985	SSF x Near_LoA	-8,47802234	-0,074	0,303
CHR6	17856671	CHR6:17856671	SSF x Near_LoA	-11,7746259	-0,029	0,306
CHR6	17856706	CHR6:17856706	SSF x Near_LoA	-9,10295383	0,023	0,303
CHR6	17856867	CHR6:17856867	SSF x Near_LoA	-11,6962842	0,104	0,297
CHR6	17856870	CHR6:17856870	SSF x Near_LoA	-10,010295	-0,062	0,316
CHR6	17856957	CHR6:17856957	SSF x Near_LoA	-11,6018832	-0,101	0,306

CHR6	17866364	CHR6:17866364	SSF x Near_LoA	-9,62994978	-0,057	0,307
CHR6	17866589	CHR6:17866589	SSF x Near_LoA	-0,42773635	-0,074	0,326
CHR6	17868799	CHR6:17868799	SSF x Near_LoA	-8,50746551	-0,058	0,303
CHR6	17868841	CHR6:17868841	SSF x Near_LoA	-8,64619587	0,006	0,303
CHR6	17875334	CHR6:17875334	SSF x Near_LoA	-9,4366566	-0,015	0,294
CHR6	17875510	CHR6:17875510	SSF x Near_LoA	-8,45557337	0,002	0,296
CHR6	17877176	CHR6:17877176	SSF x Near_LoA	-11,161207	-0,003	0,305
CHR6	17899342	CHR6:17899342	SSF x Near_LoA	-9,22512598	-0,051	0,312
CHR6	17899359	CHR6:17899359	SSF x Near_LoA	-10,9097326	-0,014	0,309
CHR6	17899367	CHR6:17899367	SSF x Near_LoA	-7,65864993	0,023	0,295
CHR6	17899456	CHR6:17899456	SSF x Near_LoA	-10,6641082	0,017	0,311
CHR6	17899500	CHR6:17899500	SSF x Near_LoA	-9,35391251	0,036	0,293
CHR6	17904449	CHR6:17904449	SSF x Near_LoA	-8,66753827	0,007	0,301
CHR6	17904506	CHR6:17904506	SSF x Near_LoA	-7,60113738	0,072	0,307
CHR6	17904574	CHR6:17904574	SSF x Near_LoA	-10,8502383	0,010	0,304
CHR6	1791868	CHR6:1791868	SSF x Near_LoA	-6,27905291	0,045	0,312
CHR6	17919918	CHR6:17919918	SSF x Near_LoA	-11,7631211	0,030	0,297
CHR6	17926758	CHR6:17926758	SSF x Near_LoA	-11,1692672	-0,081	0,303
CHR6	17926808	CHR6:17926808	SSF x Near_LoA	-8,36147011	-0,078	0,310
CHR6	17934833	CHR6:17934833	SSF x Near_LoA	-7,07964122	0,061	0,298
CHR6	17937641	CHR6:17937641	SSF x Near_LoA	-8,89817111	0,028	0,311
CHR6	17937745	CHR6:17937745	SSF x Near_LoA	-6,42474787	0,036	0,307
CHR6	17986970	CHR6:17986970	SSF x Near_LoA	-8,39151098	-0,029	0,298
CHR6	17986984	CHR6:17986984	SSF x Near_LoA	-11,3530672	-0,099	0,305
CHR6	17987047	CHR6:17987047	SSF x Near_LoA	-8,2900595	-0,099	0,323
CHR6	17988745	CHR6:17988745	SSF x Near_LoA	-10,4087137	0,049	0,300
CHR6	17999797	CHR6:17999797	SSF x Near_LoA	-12,236612	-0,046	0,306
CHR6	17999821	CHR6:17999821	SSF x Near_LoA	-8,01892886	-0,013	0,299
CHR6	18003196	CHR6:18003196	SSF x Near_LoA	-9,96281168	0,008	0,299
CHR6	18003354	CHR6:18003354	SSF x Near_LoA	-8,82382165	0,049	0,311
CHR6	18007176	CHR6:18007176	SSF x Near_LoA	-6,26898503	-0,023	0,316
CHR6	18007219	CHR6:18007219	SSF x Near_LoA	-6,24197407	-0,110	0,313
CHR6	18008829	CHR6:18008829	SSF x Near_LoA	-7,83576921	0,001	0,305
CHR6	18008853	CHR6:18008853	SSF x Near_LoA	-8,7898723	0,014	0,314
CHR6	18015173	CHR6:18015173	SSF x Near_LoA	-8,38980474	-0,145	0,298
CHR6	18015196	CHR6:18015196	SSF x Near_LoA	-9,00923255	0,091	0,313
CHR6	18015205	CHR6:18015205	SSF x Near_LoA	-9,3244446	0,101	0,312
CHR6	18015228	CHR6:18015228	SSF x Near_LoA	-10,6094232	0,054	0,307
CHR6	18015246	CHR6:18015246	SSF x Near_LoA	-6,26296573	0,107	0,304
CHR6	18015261	CHR6:18015261	SSF x Near_LoA	-7,4432064	-0,064	0,305
CHR6	1801601	CHR6:1801601	SSF x Near_LoA	-8,44909287	-0,099	0,315
CHR6	1801688	CHR6:1801688	SSF x Near_LoA	-5,93688091	0,043	0,320
CHR6	1801847	CHR6:1801847	SSF x Near_LoA	2,70071883	-0,035	0,329
CHR6	18023849	CHR6:18023849	SSF x Near_LoA	-9,11191659	0,094	0,298
CHR6	18023918	CHR6:18023918	SSF x Near_LoA	-8,12734384	0,030	0,300
CHR6	18029259	CHR6:18029259	SSF x Near_LoA	-9,10932863	0,014	0,311
CHR6	18029299	CHR6:18029299	SSF x Near_LoA	-10,6938782	-0,016	0,293
CHR6	18029378	CHR6:18029378	SSF x Near_LoA	-8,11793858	0,060	0,310
CHR6	18029380	CHR6:18029380	SSF x Near_LoA	-8,95492953	0,059	0,313
CHR6	18029393	CHR6:18029393	SSF x Near_LoA	-7,85091439	0,032	0,322
CHR6	18035259	CHR6:18035259	SSF x Near_LoA	-8,94664937	0,043	0,314
CHR6	18041903	CHR6:18041903	SSF x Near_LoA	-9,91563872	-0,035	0,308
CHR6	18054838	CHR6:18054838	SSF x Near_LoA	-10,4960033	0,000	0,318

CHR6	18054844	CHR6:18054844	SSF x Near_LoA	-11,1058185	-0,021	0,298
CHR6	18054884	CHR6:18054884	SSF x Near_LoA	-9,99714935	0,053	0,306
CHR6	18054938	CHR6:18054938	SSF x Near_LoA	-11,2676671	0,082	0,306
CHR6	18066885	CHR6:18066885	SSF x Near_LoA	-11,9008271	0,012	0,300
CHR6	18067336	CHR6:18067336	SSF x Near_LoA	-10,7487007	0,042	0,305
CHR6	18067342	CHR6:18067342	SSF x Near_LoA	-12,2379624	0,031	0,303
CHR6	18068630	CHR6:18068630	SSF x Near_LoA	-9,64069521	-0,019	0,299
CHR6	18070204	CHR6:18070204	SSF x Near_LoA	-9,01724046	-0,113	0,305
CHR6	18070259	CHR6:18070259	SSF x Near_LoA	-6,32425691	0,157	0,302
CHR6	18070267	CHR6:18070267	SSF x Near_LoA	-11,7851901	0,095	0,299
CHR6	18070270	CHR6:18070270	SSF x Near_LoA	-9,39168596	0,030	0,307
CHR6	18077535	CHR6:18077535	SSF x Near_LoA	-8,52104441	0,038	0,312
CHR6	18079956	CHR6:18079956	SSF x Near_LoA	-1,26028136	-0,085	0,325
CHR6	18081347	CHR6:18081347	SSF x Near_LoA	-7,67452865	0,011	0,297
CHR6	18081369	CHR6:18081369	SSF x Near_LoA	-10,98636	0,017	0,307
CHR6	18081402	CHR6:18081402	SSF x Near_LoA	-8,93265899	-0,076	0,294
CHR6	18081414	CHR6:18081414	SSF x Near_LoA	-8,36901371	-0,036	0,323
CHR6	18081415	CHR6:18081415	SSF x Near_LoA	-9,55476551	-0,080	0,295
CHR6	18081446	CHR6:18081446	SSF x Near_LoA	-9,73399662	-0,055	0,299
CHR6	18081481	CHR6:18081481	SSF x Near_LoA	-7,81209218	0,031	0,316
CHR6	18081524	CHR6:18081524	SSF x Near_LoA	-9,7995556	-0,074	0,306
CHR6	18093841	CHR6:18093841	SSF x Near_LoA	-9,45863912	-0,049	0,296
CHR6	18096329	CHR6:18096329	SSF x Near_LoA	-9,40940748	-0,028	0,303
CHR6	18096383	CHR6:18096383	SSF x Near_LoA	-11,1524321	-0,046	0,306
CHR6	18098265	CHR6:18098265	SSF x Near_LoA	-11,2523372	-0,009	0,300
CHR6	18098322	CHR6:18098322	SSF x Near_LoA	-8,64791331	-0,081	0,298
CHR6	18098349	CHR6:18098349	SSF x Near_LoA	-10,7442683	0,044	0,304
CHR6	18098374	CHR6:18098374	SSF x Near_LoA	-6,50300403	-0,135	0,286
CHR6	18098436	CHR6:18098436	SSF x Near_LoA	-8,12317536	-0,022	0,317
CHR6	18098450	CHR6:18098450	SSF x Near_LoA	-8,17779778	0,001	0,319
CHR6	18103829	CHR6:18103829	SSF x Near_LoA	-8,70838364	0,047	0,308
CHR6	18112576	CHR6:18112576	SSF x Near_LoA	-12,4565155	0,021	0,294
CHR6	18112704	CHR6:18112704	SSF x Near_LoA	-6,98473594	0,038	0,315
CHR6	18112725	CHR6:18112725	SSF x Near_LoA	-8,81888605	0,011	0,302
CHR6	18112741	CHR6:18112741	SSF x Near_LoA	-6,89804906	0,038	0,325
CHR6	18112765	CHR6:18112765	SSF x Near_LoA	13,0547407	0,024	0,301
CHR6	18112774	CHR6:18112774	SSF x Near_LoA	-8,4921188	0,014	0,315
CHR6	18112776	CHR6:18112776	SSF x Near_LoA	-9,49529431	-0,009	0,319
CHR6	18112810	CHR6:18112810	SSF x Near_LoA	-9,75476284	0,053	0,305
CHR6	18115150	CHR6:18115150	SSF x Near_LoA	-1,54676664	-0,113	0,301
CHR6	18120174	CHR6:18120174	SSF x Near_LoA	-7,82962849	-0,026	0,311
CHR6	18146658	CHR6:18146658	SSF x Near_LoA	-8,72049894	0,053	0,300
CHR6	18146703	CHR6:18146703	SSF x Near_LoA	-11,4187092	0,011	0,313
CHR6	18146773	CHR6:18146773	SSF x Near_LoA	-10,1770315	0,009	0,290
CHR6	18151826	CHR6:18151826	SSF x Near_LoA	-11,7341926	0,085	0,306
CHR6	18151902	CHR6:18151902	SSF x Near_LoA	-8,0220198	0,090	0,304
CHR6	18151966	CHR6:18151966	SSF x Near_LoA	-10,1227937	0,063	0,313
CHR6	18151996	CHR6:18151996	SSF x Near_LoA	-10,9022958	0,040	0,306
CHR6	18152006	CHR6:18152006	SSF x Near_LoA	-9,39319852	-0,013	0,305
CHR6	18156942	CHR6:18156942	SSF x Near_LoA	-6,07033465	0,039	0,306
CHR6	18156961	CHR6:18156961	SSF x Near_LoA	-10,6782655	0,011	0,309
CHR6	18156979	CHR6:18156979	SSF x Near_LoA	-6,66076794	0,041	0,298
CHR6	18157332	CHR6:18157332	SSF x Near_LoA	-10,2159542	-0,042	0,304

CHR6	18157401	CHR6:18157401	SSF x Near_LoA	-11,1555665	0,025	0,313
CHR6	18157521	CHR6:18157521	SSF x Near_LoA	-9,99142884	0,053	0,315
CHR6	18170892	CHR6:18170892	SSF x Near_LoA	-7,30649122	0,011	0,297
CHR6	18170899	CHR6:18170899	SSF x Near_LoA	-10,3621971	-0,070	0,306
CHR6	18170923	CHR6:18170923	SSF x Near_LoA	-10,1654184	0,053	0,301
CHR6	18171053	CHR6:18171053	SSF x Near_LoA	-12,0309462	0,053	0,307
CHR6	18190232	CHR6:18190232	SSF x Near_LoA	-9,86420948	-0,068	0,311
CHR6	18190329	CHR6:18190329	SSF x Near_LoA	-2,29856304	0,238	0,301
CHR6	18190425	CHR6:18190425	SSF x Near_LoA	-10,8923594	-0,041	0,298
CHR6	18195757	CHR6:18195757	SSF x Near_LoA	-9,30621666	-0,028	0,301
CHR6	18195914	CHR6:18195914	SSF x Near_LoA	-4,00620475	0,078	0,305
CHR6	18196216	CHR6:18196216	SSF x Near_LoA	-6,78952516	0,061	0,296
CHR6	18196256	CHR6:18196256	SSF x Near_LoA	-8,02214023	-0,070	0,322
CHR6	18196314	CHR6:18196314	SSF x Near_LoA	-10,5463767	0,024	0,311
CHR6	18198332	CHR6:18198332	SSF x Near_LoA	-9,53955935	-0,154	0,302
CHR6	18202272	CHR6:18202272	SSF x Near_LoA	-6,93233182	-0,127	0,303
CHR6	18223515	CHR6:18223515	SSF x Near_LoA	-9,18529188	-0,033	0,305
CHR6	18226190	CHR6:18226190	SSF x Near_LoA	-8,7261766	0,076	0,308
CHR6	18226239	CHR6:18226239	SSF x Near_LoA	-9,46337443	0,092	0,305
CHR6	18226246	CHR6:18226246	SSF x Near_LoA	-9,3442117	-0,003	0,302
CHR6	18226356	CHR6:18226356	SSF x Near_LoA	-8,6728822	0,003	0,310
CHR6	18226368	CHR6:18226368	SSF x Near_LoA	-7,90974303	-0,094	0,314
CHR6	18235090	CHR6:18235090	SSF x Near_LoA	-9,66991279	-0,003	0,298
CHR6	18235129	CHR6:18235129	SSF x Near_LoA	-11,4585376	0,003	0,298
CHR6	18235151	CHR6:18235151	SSF x Near_LoA	-7,7810641	0,001	0,314
CHR6	18235372	CHR6:18235372	SSF x Near_LoA	-9,19162035	-0,010	0,308
CHR6	18250155	CHR6:18250155	SSF x Near_LoA	-10,3642117	0,034	0,311
CHR6	18260992	CHR6:18260992	SSF x Near_LoA	-8,35590876	0,062	0,299
CHR6	18261077	CHR6:18261077	SSF x Near_LoA	-9,63965861	-0,003	0,300
CHR6	18263666	CHR6:18263666	SSF x Near_LoA	-10,1342701	0,020	0,311
CHR6	18263702	CHR6:18263702	SSF x Near_LoA	-11,395901	0,086	0,306
CHR6	18263716	CHR6:18263716	SSF x Near_LoA	-10,0904882	-0,071	0,313
CHR6	18274438	CHR6:18274438	SSF x Near_LoA	-6,86358762	-0,144	0,293
CHR6	18282014	CHR6:18282014	SSF x Near_LoA	-7,82175267	-0,055	0,313
CHR6	18282275	CHR6:18282275	SSF x Near_LoA	-8,23501279	-0,009	0,322
CHR6	18286851	CHR6:18286851	SSF x Near_LoA	-10,7392703	-0,010	0,315
CHR6	18286975	CHR6:18286975	SSF x Near_LoA	-8,67194311	0,025	0,315
CHR6	18291392	CHR6:18291392	SSF x Near_LoA	-7,7089481	0,099	0,308
CHR6	18293108	CHR6:18293108	SSF x Near_LoA	-10,4868166	-0,094	0,306
CHR6	18293118	CHR6:18293118	SSF x Near_LoA	-10,7368745	-0,111	0,298
CHR6	18293140	CHR6:18293140	SSF x Near_LoA	-9,36538896	-0,129	0,320
CHR6	18293159	CHR6:18293159	SSF x Near_LoA	-6,62576758	-0,094	0,313
CHR6	18293414	CHR6:18293414	SSF x Near_LoA	-9,6474178	0,115	0,317
CHR6	18306371	CHR6:18306371	SSF x Near_LoA	-7,93786132	0,056	0,306
CHR6	18306393	CHR6:18306393	SSF x Near_LoA	-11,3416924	-0,107	0,303
CHR6	18306429	CHR6:18306429	SSF x Near_LoA	-8,41611944	0,065	0,302
CHR6	18306433	CHR6:18306433	SSF x Near_LoA	-9,00045731	-0,133	0,322
CHR6	18306457	CHR6:18306457	SSF x Near_LoA	-7,49116331	0,085	0,300
CHR6	18306478	CHR6:18306478	SSF x Near_LoA	-9,58822309	0,048	0,312
CHR6	18308164	CHR6:18308164	SSF x Near_LoA	-8,2630138	0,060	0,305
CHR6	18308361	CHR6:18308361	SSF x Near_LoA	-10,9790806	0,017	0,307
CHR6	18320878	CHR6:18320878	SSF x Near_LoA	-6,96958242	-0,194	0,287
CHR6	18320887	CHR6:18320887	SSF x Near_LoA	2,43875912	-0,233	0,293

CHR6	18324758	CHR6:18324758	SSF x Near_LoA	-10,8306561	-0,031	0,291
CHR6	18332293	CHR6:18332293	SSF x Near_LoA	-12,3449752	0,042	0,296
CHR6	18332356	CHR6:18332356	SSF x Near_LoA	-9,3279297	-0,022	0,314
CHR6	18333722	CHR6:18333722	SSF x Near_LoA	-9,84936336	-0,039	0,312
CHR6	18333751	CHR6:18333751	SSF x Near_LoA	-8,82665057	-0,040	0,303
CHR6	18338845	CHR6:18338845	SSF x Near_LoA	-9,85876636	0,046	0,304
CHR6	18338944	CHR6:18338944	SSF x Near_LoA	-10,0790483	0,011	0,321
CHR6	18350901	CHR6:18350901	SSF x Near_LoA	-10,7178375	0,072	0,315
CHR6	18362563	CHR6:18362563	SSF x Near_LoA	-9,74919477	-0,049	0,311
CHR6	1836484	CHR6:1836484	SSF x Near_LoA	-10,7929744	-0,070	0,311
CHR6	1836526	CHR6:1836526	SSF x Near_LoA	-8,59309979	-0,024	0,303
CHR6	1836529	CHR6:1836529	SSF x Near_LoA	-8,65910085	-0,032	0,299
CHR6	1836539	CHR6:1836539	SSF x Near_LoA	-8,59849831	-0,096	0,317
CHR6	1836596	CHR6:1836596	SSF x Near_LoA	-6,18632545	0,201	0,283
CHR6	18375066	CHR6:18375066	SSF x Near_LoA	-8,80660534	0,060	0,315
CHR6	18375212	CHR6:18375212	SSF x Near_LoA	-9,11395904	0,146	0,300
CHR6	18375238	CHR6:18375238	SSF x Near_LoA	-6,19099424	-0,169	0,295
CHR6	1837672	CHR6:1837672	SSF x Near_LoA	-9,57730183	-0,034	0,316
CHR6	1839343	CHR6:1839343	SSF x Near_LoA	-9,18507444	0,027	0,315
CHR6	1840244	CHR6:1840244	SSF x Near_LoA	-8,85736221	-0,032	0,321
CHR6	1840399	CHR6:1840399	SSF x Near_LoA	-11,9740884	-0,078	0,311
CHR6	1840409	CHR6:1840409	SSF x Near_LoA	-10,4397157	-0,087	0,314
CHR6	1840423	CHR6:1840423	SSF x Near_LoA	-7,66779201	-0,007	0,310
CHR6	1840443	CHR6:1840443	SSF x Near_LoA	-9,654098	0,067	0,301
CHR6	18426517	CHR6:18426517	SSF x Near_LoA	-9,06698466	0,140	0,296
CHR6	1844934	CHR6:1844934	SSF x Near_LoA	-8,97594419	-0,037	0,312
CHR6	18471575	CHR6:18471575	SSF x Near_LoA	-9,07991032	-0,078	0,283
CHR6	18471618	CHR6:18471618	SSF x Near_LoA	-7,09375302	0,007	0,304
CHR6	18471623	CHR6:18471623	SSF x Near_LoA	-5,21611887	-0,130	0,307
CHR6	18471657	CHR6:18471657	SSF x Near_LoA	-9,2559675	-0,152	0,294
CHR6	18471668	CHR6:18471668	SSF x Near_LoA	-8,16737105	0,123	0,307
CHR6	18471673	CHR6:18471673	SSF x Near_LoA	-9,09444095	0,074	0,305
CHR6	18471677	CHR6:18471677	SSF x Near_LoA	-9,13147563	0,026	0,300
CHR6	18471684	CHR6:18471684	SSF x Near_LoA	-9,28222009	-0,013	0,316
CHR6	18471738	CHR6:18471738	SSF x Near_LoA	-10,1132476	-0,078	0,298
CHR6	18481735	CHR6:18481735	SSF x Near_LoA	-1,29961999	0,135	0,293
CHR6	18481738	CHR6:18481738	SSF x Near_LoA	-9,34306723	0,006	0,307
CHR6	18486496	CHR6:18486496	SSF x Near_LoA	-7,79657527	-0,166	0,300
CHR6	18486608	CHR6:18486608	SSF x Near_LoA	-8,61062172	-0,078	0,301
CHR6	18486663	CHR6:18486663	SSF x Near_LoA	-11,3243354	0,025	0,311
CHR6	18494352	CHR6:18494352	SSF x Near_LoA	-11,3531176	0,026	0,309
CHR6	18505652	CHR6:18505652	SSF x Near_LoA	-9,1570373	0,049	0,300
CHR6	18505681	CHR6:18505681	SSF x Near_LoA	-11,4642646	-0,005	0,301
CHR6	18510355	CHR6:18510355	SSF x Near_LoA	-8,31122902	-0,054	0,308
CHR6	18510384	CHR6:18510384	SSF x Near_LoA	-11,1183505	0,074	0,314
CHR6	18510433	CHR6:18510433	SSF x Near_LoA	-9,6158638	-0,015	0,312
CHR6	18529251	CHR6:18529251	SSF x Near_LoA	-8,6455382	0,068	0,307
CHR6	18534890	CHR6:18534890	SSF x Near_LoA	-6,75396095	-0,152	0,305
CHR6	18534917	CHR6:18534917	SSF x Near_LoA	-8,22642847	-0,124	0,303
CHR6	18534933	CHR6:18534933	SSF x Near_LoA	-11,656644	0,052	0,310
CHR6	18534965	CHR6:18534965	SSF x Near_LoA	-10,8258427	0,074	0,306
CHR6	18537065	CHR6:18537065	SSF x Near_LoA	-8,72765337	0,032	0,319
CHR6	18537145	CHR6:18537145	SSF x Near_LoA	-9,89241468	-0,015	0,309

CHR6	18537186	CHR6:18537186	SSF x Near_LoA	-10,0831338	0,014	0,302
CHR6	18537247	CHR6:18537247	SSF x Near_LoA	-12,0602379	-0,053	0,295
CHR6	18537260	CHR6:18537260	SSF x Near_LoA	-10,4259916	-0,033	0,309
CHR6	1853764	CHR6:1853764	SSF x Near_LoA	-8,63443047	0,050	0,308
CHR6	18540124	CHR6:18540124	SSF x Near_LoA	-8,61706765	0,002	0,319
CHR6	18540149	CHR6:18540149	SSF x Near_LoA	-9,09515023	-0,046	0,302
CHR6	18540205	CHR6:18540205	SSF x Near_LoA	-9,01107999	-0,101	0,313
CHR6	18540219	CHR6:18540219	SSF x Near_LoA	-5,31505621	-0,083	0,318
CHR6	1854783	CHR6:1854783	SSF x Near_LoA	-9,77545513	-0,029	0,297
CHR6	18548269	CHR6:18548269	SSF x Near_LoA	-10,4279287	0,016	0,296
CHR6	18548270	CHR6:18548270	SSF x Near_LoA	-7,20857906	-0,150	0,291
CHR6	18548282	CHR6:18548282	SSF x Near_LoA	-8,66682419	0,047	0,322
CHR6	18548296	CHR6:18548296	SSF x Near_LoA	-8,18399209	0,042	0,305
CHR6	18548307	CHR6:18548307	SSF x Near_LoA	-7,96098461	-0,130	0,306
CHR6	18548437	CHR6:18548437	SSF x Near_LoA	-10,2307012	0,003	0,305
CHR6	18548454	CHR6:18548454	SSF x Near_LoA	-7,30389432	-0,077	0,308
CHR6	18548462	CHR6:18548462	SSF x Near_LoA	-6,03259957	-0,104	0,314
CHR6	18548463	CHR6:18548463	SSF x Near_LoA	-9,2579352	-0,055	0,304
CHR6	18552182	CHR6:18552182	SSF x Near_LoA	-9,65443473	-0,050	0,315
CHR6	18552206	CHR6:18552206	SSF x Near_LoA	-10,7567753	0,032	0,305
CHR6	18555874	CHR6:18555874	SSF x Near_LoA	-11,34579	0,026	0,309
CHR6	18560854	CHR6:18560854	SSF x Near_LoA	-9,63304303	-0,046	0,309
CHR6	18572264	CHR6:18572264	SSF x Near_LoA	-9,62879993	0,013	0,310
CHR6	18572271	CHR6:18572271	SSF x Near_LoA	-8,86951963	-0,070	0,316
CHR6	18572293	CHR6:18572293	SSF x Near_LoA	-9,33112955	-0,044	0,324
CHR6	18579191	CHR6:18579191	SSF x Near_LoA	-8,2946382	0,052	0,300
CHR6	18579246	CHR6:18579246	SSF x Near_LoA	-8,89489165	-0,093	0,300
CHR6	18579248	CHR6:18579248	SSF x Near_LoA	-9,06786281	-0,084	0,303
CHR6	18579266	CHR6:18579266	SSF x Near_LoA	-9,371892	0,067	0,319
CHR6	18595277	CHR6:18595277	SSF x Near_LoA	-10,1073537	-0,111	0,314
CHR6	18595292	CHR6:18595292	SSF x Near_LoA	-10,046467	0,077	0,300
CHR6	18595370	CHR6:18595370	SSF x Near_LoA	-10,4431163	-0,118	0,298
CHR6	18595419	CHR6:18595419	SSF x Near_LoA	-7,85299529	0,136	0,294
CHR6	18595421	CHR6:18595421	SSF x Near_LoA	-8,0846948	0,144	0,297
CHR6	18595477	CHR6:18595477	SSF x Near_LoA	-8,86822825	0,042	0,308
CHR6	18608957	CHR6:18608957	SSF x Near_LoA	-8,44180679	0,077	0,298
CHR6	18608979	CHR6:18608979	SSF x Near_LoA	-8,53898628	-0,026	0,311
CHR6	18609024	CHR6:18609024	SSF x Near_LoA	-8,61879917	-0,012	0,320
CHR6	18609032	CHR6:18609032	SSF x Near_LoA	-5,25058187	-0,047	0,305
CHR6	18609101	CHR6:18609101	SSF x Near_LoA	-10,6276336	0,077	0,294
CHR6	18609111	CHR6:18609111	SSF x Near_LoA	-8,89420607	0,001	0,310
CHR6	18616813	CHR6:18616813	SSF x Near_LoA	-10,130589	-0,053	0,318
CHR6	18616819	CHR6:18616819	SSF x Near_LoA	-7,78467533	-0,012	0,310
CHR6	18620695	CHR6:18620695	SSF x Near_LoA	-10,0365326	-0,090	0,324
CHR6	18620704	CHR6:18620704	SSF x Near_LoA	-10,6150235	0,053	0,292
CHR6	18620720	CHR6:18620720	SSF x Near_LoA	-11,5778061	0,031	0,311
CHR6	18620853	CHR6:18620853	SSF x Near_LoA	-8,95268389	-0,062	0,307
CHR6	18620856	CHR6:18620856	SSF x Near_LoA	-9,22390305	-0,024	0,310
CHR6	18620859	CHR6:18620859	SSF x Near_LoA	-7,39687665	-0,052	0,310
CHR6	18620911	CHR6:18620911	SSF x Near_LoA	-8,68092075	-0,058	0,312
CHR6	18620937	CHR6:18620937	SSF x Near_LoA	-6,25711853	0,100	0,300
CHR6	18626629	CHR6:18626629	SSF x Near_LoA	-9,23767826	0,066	0,304
CHR6	18631155	CHR6:18631155	SSF x Near_LoA	-9,71981756	0,135	0,280

CHR6	18631166	CHR6:18631166	SSF x Near_LoA	-10,296107	0,047	0,305
CHR6	18631221	CHR6:18631221	SSF x Near_LoA	-8,20469339	0,129	0,286
CHR6	18631258	CHR6:18631258	SSF x Near_LoA	-9,5578634	0,066	0,300
CHR6	18640414	CHR6:18640414	SSF x Near_LoA	-10,6345668	-0,015	0,306
CHR6	18646467	CHR6:18646467	SSF x Near_LoA	-8,75324956	-0,012	0,311
CHR6	18646489	CHR6:18646489	SSF x Near_LoA	-9,23922078	-0,024	0,315
CHR6	18646507	CHR6:18646507	SSF x Near_LoA	-8,30153175	0,044	0,301
CHR6	18646513	CHR6:18646513	SSF x Near_LoA	-10,4877988	-0,062	0,301
CHR6	18646531	CHR6:18646531	SSF x Near_LoA	-8,91517563	-0,007	0,313
CHR6	18646585	CHR6:18646585	SSF x Near_LoA	-7,73952969	-0,020	0,320
CHR6	18646597	CHR6:18646597	SSF x Near_LoA	-10,6697686	-0,023	0,298
CHR6	18646611	CHR6:18646611	SSF x Near_LoA	-9,45469895	-0,031	0,309
CHR6	18646618	CHR6:18646618	SSF x Near_LoA	-6,67744196	-0,003	0,327
CHR6	18651763	CHR6:18651763	SSF x Near_LoA	-10,8259608	0,099	0,300
CHR6	18651964	CHR6:18651964	SSF x Near_LoA	-6,47233546	-0,109	0,301
CHR6	18651989	CHR6:18651989	SSF x Near_LoA	-10,1450679	-0,001	0,305
CHR6	18654612	CHR6:18654612	SSF x Near_LoA	-9,27995048	-0,141	0,311
CHR6	18654666	CHR6:18654666	SSF x Near_LoA	-8,54724538	0,032	0,308
CHR6	18657843	CHR6:18657843	SSF x Near_LoA	-11,1528716	-0,008	0,312
CHR6	18657858	CHR6:18657858	SSF x Near_LoA	-7,67504979	0,135	0,311
CHR6	18657917	CHR6:18657917	SSF x Near_LoA	-9,64933826	0,038	0,314
CHR6	18661671	CHR6:18661671	SSF x Near_LoA	-10,2897932	0,037	0,303
CHR6	18663688	CHR6:18663688	SSF x Near_LoA	-6,43674884	-0,082	0,304
CHR6	18665917	CHR6:18665917	SSF x Near_LoA	-6,81369743	0,093	0,289
CHR6	18677036	CHR6:18677036	SSF x Near_LoA	-7,43829421	0,068	0,314
CHR6	18677127	CHR6:18677127	SSF x Near_LoA	-9,00125305	-0,015	0,309
CHR6	18677152	CHR6:18677152	SSF x Near_LoA	-11,0375253	-0,004	0,310
CHR6	18686500	CHR6:18686500	SSF x Near_LoA	-8,67485793	-0,050	0,302
CHR6	18686506	CHR6:18686506	SSF x Near_LoA	-11,8809714	0,112	0,303
CHR6	18686669	CHR6:18686669	SSF x Near_LoA	-11,1032094	0,059	0,296
CHR6	18686674	CHR6:18686674	SSF x Near_LoA	-11,0336144	0,065	0,304
CHR6	18688153	CHR6:18688153	SSF x Near_LoA	-11,457181	-0,003	0,302
CHR6	18688163	CHR6:18688163	SSF x Near_LoA	-10,3632275	-0,040	0,299
CHR6	18688169	CHR6:18688169	SSF x Near_LoA	-9,35068176	0,052	0,294
CHR6	18688215	CHR6:18688215	SSF x Near_LoA	-10,0539078	0,045	0,293
CHR6	18688220	CHR6:18688220	SSF x Near_LoA	-10,9000746	0,053	0,303
CHR6	18688226	CHR6:18688226	SSF x Near_LoA	-9,52625954	0,057	0,305
CHR6	18688230	CHR6:18688230	SSF x Near_LoA	-5,3206882	0,068	0,299
CHR6	18688251	CHR6:18688251	SSF x Near_LoA	-8,83023673	0,057	0,295
CHR6	18688252	CHR6:18688252	SSF x Near_LoA	-5,3192926	0,050	0,299
CHR6	18688256	CHR6:18688256	SSF x Near_LoA	-7,94052572	-0,041	0,306
CHR6	1868948	CHR6:1868948	SSF x Near_LoA	-11,708744	-0,017	0,300
CHR6	1868992	CHR6:1868992	SSF x Near_LoA	-8,99999488	0,030	0,311
CHR6	1869010	CHR6:1869010	SSF x Near_LoA	-7,41247907	0,067	0,310
CHR6	18693397	CHR6:18693397	SSF x Near_LoA	-10,3109336	0,023	0,314
CHR6	18701554	CHR6:18701554	SSF x Near_LoA	-10,5511123	-0,009	0,295
CHR6	18707475	CHR6:18707475	SSF x Near_LoA	-11,4284777	-0,044	0,307
CHR6	18707691	CHR6:18707691	SSF x Near_LoA	-10,0509728	0,071	0,308
CHR6	18717308	CHR6:18717308	SSF x Near_LoA	-8,2666302	0,083	0,294
CHR6	18720553	CHR6:18720553	SSF x Near_LoA	-4,94994467	-0,013	0,302
CHR6	18722889	CHR6:18722889	SSF x Near_LoA	-10,118306	-0,050	0,299
CHR6	18723123	CHR6:18723123	SSF x Near_LoA	-10,0042063	-0,001	0,307
CHR6	18732457	CHR6:18732457	SSF x Near_LoA	-6,93506604	-0,138	0,299

CHR6	18732493	CHR6:18732493	SSF x Near_LoA	-11,3015599	0,038	0,309
CHR6	18734902	CHR6:18734902	SSF x Near_LoA	-2,9538558	0,100	0,302
CHR6	18734960	CHR6:18734960	SSF x Near_LoA	-8,05809599	-0,071	0,327
CHR6	18735060	CHR6:18735060	SSF x Near_LoA	-10,1679968	0,027	0,322
CHR6	18738268	CHR6:18738268	SSF x Near_LoA	-10,5831157	-0,046	0,308
CHR6	18738313	CHR6:18738313	SSF x Near_LoA	-8,411551	0,032	0,316
CHR6	18738323	CHR6:18738323	SSF x Near_LoA	-9,38144149	-0,034	0,309
CHR6	18738389	CHR6:18738389	SSF x Near_LoA	-7,18063104	0,051	0,314
CHR6	18738437	CHR6:18738437	SSF x Near_LoA	-9,00910165	0,048	0,314
CHR6	18740652	CHR6:18740652	SSF x Near_LoA	-6,99920795	0,002	0,298
CHR6	18745350	CHR6:18745350	SSF x Near_LoA	-9,40631081	-0,007	0,305
CHR6	18746707	CHR6:18746707	SSF x Near_LoA	-8,60463743	0,077	0,297
CHR6	18753858	CHR6:18753858	SSF x Near_LoA	-8,27333165	0,068	0,309
CHR6	18759398	CHR6:18759398	SSF x Near_LoA	-10,1959485	0,065	0,305
CHR6	18777521	CHR6:18777521	SSF x Near_LoA	-8,86012592	0,029	0,300
CHR6	18777535	CHR6:18777535	SSF x Near_LoA	-10,895559	-0,003	0,308
CHR6	18785056	CHR6:18785056	SSF x Near_LoA	-8,82855177	0,148	0,291
CHR6	18792110	CHR6:18792110	SSF x Near_LoA	-8,30562389	-0,041	0,305
CHR6	18792143	CHR6:18792143	SSF x Near_LoA	-9,99367907	-0,002	0,312
CHR6	18792160	CHR6:18792160	SSF x Near_LoA	-8,52688154	0,053	0,307
CHR6	18792207	CHR6:18792207	SSF x Near_LoA	-8,01664712	-0,052	0,294
CHR6	18821126	CHR6:18821126	SSF x Near_LoA	-10,4805689	0,049	0,302
CHR6	18821162	CHR6:18821162	SSF x Near_LoA	-11,8253313	-0,008	0,300
CHR6	18828530	CHR6:18828530	SSF x Near_LoA	-10,7327392	0,086	0,309
CHR6	18838855	CHR6:18838855	SSF x Near_LoA	-11,7795159	-0,043	0,312
CHR6	18838860	CHR6:18838860	SSF x Near_LoA	-11,6729374	-0,026	0,315
CHR6	18838919	CHR6:18838919	SSF x Near_LoA	-4,21886609	0,115	0,306
CHR6	18838929	CHR6:18838929	SSF x Near_LoA	-10,628266	0,056	0,295
CHR6	18843693	CHR6:18843693	SSF x Near_LoA	-11,5087885	0,061	0,297
CHR6	18843749	CHR6:18843749	SSF x Near_LoA	-8,52768516	-0,067	0,305
CHR6	18843916	CHR6:18843916	SSF x Near_LoA	-8,71025169	0,059	0,313
CHR6	18843927	CHR6:18843927	SSF x Near_LoA	-8,8438293	0,122	0,302
CHR6	18850767	CHR6:18850767	SSF x Near_LoA	-4,59105232	-0,026	0,321
CHR6	18850771	CHR6:18850771	SSF x Near_LoA	-7,29022812	0,008	0,300
CHR6	18850807	CHR6:18850807	SSF x Near_LoA	-11,1550087	-0,012	0,294
CHR6	18850929	CHR6:18850929	SSF x Near_LoA	-7,59475748	-0,083	0,314
CHR6	18850931	CHR6:18850931	SSF x Near_LoA	-8,55827903	-0,091	0,309
CHR6	18850946	CHR6:18850946	SSF x Near_LoA	-7,49827686	-0,108	0,308
CHR6	18863283	CHR6:18863283	SSF x Near_LoA	-9,71663485	0,063	0,305
CHR6	18863353	CHR6:18863353	SSF x Near_LoA	-6,49026136	0,091	0,311
CHR6	18891554	CHR6:18891554	SSF x Near_LoA	-3,96737603	0,108	0,300
CHR6	18891555	CHR6:18891555	SSF x Near_LoA	-9,51238912	-0,036	0,325
CHR6	1889169	CHR6:1889169	SSF x Near_LoA	-11,3688727	-0,044	0,302
CHR6	18891743	CHR6:18891743	SSF x Near_LoA	-8,39743284	0,038	0,306
CHR6	18891755	CHR6:18891755	SSF x Near_LoA	-8,27068245	0,028	0,303
CHR6	18896114	CHR6:18896114	SSF x Near_LoA	-9,57438026	-0,051	0,302
CHR6	18896127	CHR6:18896127	SSF x Near_LoA	-9,92532606	0,029	0,315
CHR6	18896162	CHR6:18896162	SSF x Near_LoA	-9,34840667	0,089	0,305
CHR6	18896175	CHR6:18896175	SSF x Near_LoA	-9,00171743	-0,101	0,308
CHR6	18896179	CHR6:18896179	SSF x Near_LoA	-4,44877508	0,033	0,307
CHR6	18896225	CHR6:18896225	SSF x Near_LoA	-10,5165365	0,004	0,307
CHR6	18899003	CHR6:18899003	SSF x Near_LoA	-10,6492175	0,077	0,310
CHR6	18903841	CHR6:18903841	SSF x Near_LoA	-7,84163173	-0,028	0,320

CHR6	18903852	CHR6:18903852	SSF x Near_LoA	-9,684534	0,012	0,306
CHR6	18909525	CHR6:18909525	SSF x Near_LoA	-7,62542393	0,058	0,314
CHR6	18909531	CHR6:18909531	SSF x Near_LoA	-9,37104792	0,064	0,305
CHR6	18909592	CHR6:18909592	SSF x Near_LoA	-9,15161335	-0,110	0,304
CHR6	1894482	CHR6:1894482	SSF x Near_LoA	-9,96999387	-0,043	0,297
CHR6	1894638	CHR6:1894638	SSF x Near_LoA	-11,6449343	-0,014	0,312
CHR6	1894679	CHR6:1894679	SSF x Near_LoA	-10,6717392	-0,012	0,298
CHR6	18958847	CHR6:18958847	SSF x Near_LoA	-12,127076	0,004	0,297
CHR6	18958874	CHR6:18958874	SSF x Near_LoA	-6,02616771	0,002	0,292
CHR6	18961571	CHR6:18961571	SSF x Near_LoA	-10,1168198	-0,053	0,315
CHR6	18972969	CHR6:18972969	SSF x Near_LoA	-9,22083329	-0,067	0,316
CHR6	18973386	CHR6:18973386	SSF x Near_LoA	-5,56127423	-0,141	0,284
CHR6	18973512	CHR6:18973512	SSF x Near_LoA	-10,8279085	0,026	0,298
CHR6	18983799	CHR6:18983799	SSF x Near_LoA	-9,8769784	-0,074	0,305
CHR6	18985465	CHR6:18985465	SSF x Near_LoA	-11,3769311	0,050	0,296
CHR6	18988887	CHR6:18988887	SSF x Near_LoA	-11,7632199	0,017	0,305
CHR6	18988923	CHR6:18988923	SSF x Near_LoA	-7,12872678	0,167	0,299
CHR6	18991307	CHR6:18991307	SSF x Near_LoA	-8,58937735	-0,010	0,313
CHR6	19011522	CHR6:19011522	SSF x Near_LoA	-10,0784768	0,133	0,303
CHR6	19011538	CHR6:19011538	SSF x Near_LoA	-10,4679819	0,049	0,307
CHR6	19011542	CHR6:19011542	SSF x Near_LoA	-8,61208997	0,112	0,305
CHR6	19018653	CHR6:19018653	SSF x Near_LoA	-10,193063	-0,089	0,306
CHR6	19018663	CHR6:19018663	SSF x Near_LoA	-9,17892241	-0,043	0,300
CHR6	19018665	CHR6:19018665	SSF x Near_LoA	-9,30803325	0,007	0,314
CHR6	19018678	CHR6:19018678	SSF x Near_LoA	-8,49558626	0,037	0,313
CHR6	19018731	CHR6:19018731	SSF x Near_LoA	-10,4149843	-0,026	0,318
CHR6	19018797	CHR6:19018797	SSF x Near_LoA	-9,84563122	0,014	0,311
CHR6	19018803	CHR6:19018803	SSF x Near_LoA	-6,43896526	0,019	0,322
CHR6	19028126	CHR6:19028126	SSF x Near_LoA	-10,6916198	0,020	0,318
CHR6	19028226	CHR6:19028226	SSF x Near_LoA	-6,53553485	-0,127	0,285
CHR6	19028261	CHR6:19028261	SSF x Near_LoA	-8,93502883	-0,024	0,314
CHR6	19028277	CHR6:19028277	SSF x Near_LoA	-10,1944683	0,005	0,304
CHR6	19031615	CHR6:19031615	SSF x Near_LoA	-9,04434941	-0,103	0,292
CHR6	19031660	CHR6:19031660	SSF x Near_LoA	-9,79876798	0,022	0,316
CHR6	19031682	CHR6:19031682	SSF x Near_LoA	-9,93530266	0,064	0,310
CHR6	19031750	CHR6:19031750	SSF x Near_LoA	-7,98669168	-0,020	0,311
CHR6	19031850	CHR6:19031850	SSF x Near_LoA	-8,54185526	0,039	0,310
CHR6	19031883	CHR6:19031883	SSF x Near_LoA	-10,4178138	-0,056	0,319
CHR6	19044109	CHR6:19044109	SSF x Near_LoA	-8,16954999	0,133	0,312
CHR6	19045507	CHR6:19045507	SSF x Near_LoA	-9,16205136	-0,013	0,310
CHR6	19055148	CHR6:19055148	SSF x Near_LoA	-11,2133091	-0,073	0,308
CHR6	19055215	CHR6:19055215	SSF x Near_LoA	-6,67375534	0,032	0,330
CHR6	19055231	CHR6:19055231	SSF x Near_LoA	-8,77391728	0,012	0,302
CHR6	19055250	CHR6:19055250	SSF x Near_LoA	-10,525889	0,031	0,309
CHR6	19055322	CHR6:19055322	SSF x Near_LoA	-11,4293302	-0,041	0,305
CHR6	19055378	CHR6:19055378	SSF x Near_LoA	-9,60415853	0,019	0,311
CHR6	19055385	CHR6:19055385	SSF x Near_LoA	-8,88874091	0,017	0,305
CHR6	19055411	CHR6:19055411	SSF x Near_LoA	-8,03843471	0,041	0,310
CHR6	19061892	CHR6:19061892	SSF x Near_LoA	-8,95379829	0,103	0,300
CHR6	19061894	CHR6:19061894	SSF x Near_LoA	-7,9678647	0,135	0,299
CHR6	19061934	CHR6:19061934	SSF x Near_LoA	-9,92763697	0,123	0,301
CHR6	19061944	CHR6:19061944	SSF x Near_LoA	-10,4416142	0,123	0,295
CHR6	19072254	CHR6:19072254	SSF x Near_LoA	-10,2462203	-0,012	0,306

CHR6	19072330	CHR6:19072330	SSF x Near_LoA	-7,62176976	0,109	0,310
CHR6	19072362	CHR6:19072362	SSF x Near_LoA	-9,72516441	-0,012	0,304
CHR6	19072368	CHR6:19072368	SSF x Near_LoA	-9,36454893	0,006	0,307
CHR6	19072378	CHR6:19072378	SSF x Near_LoA	-10,4673564	0,112	0,298
CHR6	19072384	CHR6:19072384	SSF x Near_LoA	-10,2162441	0,068	0,308
CHR6	19078295	CHR6:19078295	SSF x Near_LoA	-11,3946848	-0,027	0,298
CHR6	19078339	CHR6:19078339	SSF x Near_LoA	-10,0317911	-0,036	0,325
CHR6	19078343	CHR6:19078343	SSF x Near_LoA	-10,7743398	0,026	0,312
CHR6	19078388	CHR6:19078388	SSF x Near_LoA	-9,82048336	-0,003	0,304
CHR6	19078438	CHR6:19078438	SSF x Near_LoA	-8,52766263	-0,001	0,304
CHR6	19078464	CHR6:19078464	SSF x Near_LoA	-10,9966203	-0,089	0,301
CHR6	19078502	CHR6:19078502	SSF x Near_LoA	-11,4323821	-0,040	0,318
CHR6	19085938	CHR6:19085938	SSF x Near_LoA	-8,67772916	0,034	0,294
CHR6	19085946	CHR6:19085946	SSF x Near_LoA	-8,99695921	-0,090	0,293
CHR6	19087038	CHR6:19087038	SSF x Near_LoA	-7,28728748	0,160	0,288
CHR6	19087101	CHR6:19087101	SSF x Near_LoA	-5,07732514	-0,217	0,285
CHR6	19089701	CHR6:19089701	SSF x Near_LoA	-6,49604253	0,129	0,308
CHR6	19089703	CHR6:19089703	SSF x Near_LoA	-4,236906	0,174	0,295
CHR6	19089722	CHR6:19089722	SSF x Near_LoA	-5,47703396	0,117	0,298
CHR6	19089734	CHR6:19089734	SSF x Near_LoA	-8,30027513	-0,099	0,306
CHR6	19089953	CHR6:19089953	SSF x Near_LoA	-9,02700643	0,099	0,292
CHR6	1909035	CHR6:1909035	SSF x Near_LoA	-10,5563835	-0,100	0,310
CHR6	19092425	CHR6:19092425	SSF x Near_LoA	-8,60353863	0,026	0,303
CHR6	19107940	CHR6:19107940	SSF x Near_LoA	-9,71373128	0,032	0,300
CHR6	19108118	CHR6:19108118	SSF x Near_LoA	-6,72299422	-0,119	0,302
CHR6	19121347	CHR6:19121347	SSF x Near_LoA	-8,41935039	-0,072	0,302
CHR6	19121391	CHR6:19121391	SSF x Near_LoA	-9,26973167	0,026	0,322
CHR6	19132004	CHR6:19132004	SSF x Near_LoA	-8,71342869	0,116	0,305
CHR6	19135190	CHR6:19135190	SSF x Near_LoA	-7,37961659	-0,087	0,319
CHR6	19135248	CHR6:19135248	SSF x Near_LoA	-10,0277707	-0,078	0,289
CHR6	19135308	CHR6:19135308	SSF x Near_LoA	-7,44300719	-0,047	0,319
CHR6	19135352	CHR6:19135352	SSF x Near_LoA	-9,82376459	0,002	0,308
CHR6	19135371	CHR6:19135371	SSF x Near_LoA	-6,36176502	0,167	0,289
CHR6	19136646	CHR6:19136646	SSF x Near_LoA	-9,63210934	0,064	0,301
CHR6	19136647	CHR6:19136647	SSF x Near_LoA	-4,44286034	0,048	0,316
CHR6	19136669	CHR6:19136669	SSF x Near_LoA	-12,1406089	0,042	0,312
CHR6	19136670	CHR6:19136670	SSF x Near_LoA	-7,24941275	0,037	0,315
CHR6	19143297	CHR6:19143297	SSF x Near_LoA	-11,3145595	-0,062	0,313
CHR6	19173775	CHR6:19173775	SSF x Near_LoA	-9,92828212	0,005	0,311
CHR6	19173839	CHR6:19173839	SSF x Near_LoA	-8,33945884	0,010	0,305
CHR6	19173875	CHR6:19173875	SSF x Near_LoA	-8,21338798	-0,038	0,301
CHR6	19174017	CHR6:19174017	SSF x Near_LoA	-5,90177811	-0,014	0,313
CHR6	19175636	CHR6:19175636	SSF x Near_LoA	-8,52839113	0,070	0,297
CHR6	19175670	CHR6:19175670	SSF x Near_LoA	-8,41509908	0,043	0,308
CHR6	19175672	CHR6:19175672	SSF x Near_LoA	-7,07258966	0,045	0,312
CHR6	19175675	CHR6:19175675	SSF x Near_LoA	-4,3818619	-0,091	0,307
CHR6	19175749	CHR6:19175749	SSF x Near_LoA	-8,0533146	-0,044	0,305
CHR6	19175759	CHR6:19175759	SSF x Near_LoA	-11,3208519	-0,021	0,298
CHR6	19175783	CHR6:19175783	SSF x Near_LoA	-8,96623772	-0,011	0,305
CHR6	19178948	CHR6:19178948	SSF x Near_LoA	-3,96148691	-0,099	0,309
CHR6	19179065	CHR6:19179065	SSF x Near_LoA	-10,5839185	0,037	0,296
CHR6	19180106	CHR6:19180106	SSF x Near_LoA	-11,8778506	-0,008	0,293
CHR6	19181331	CHR6:19181331	SSF x Near_LoA	-7,15002183	-0,145	0,296

CHR6	19194667	CHR6:19194667	SSF x Near_LoA	-11,5726791	-0,023	0,306
CHR6	19194675	CHR6:19194675	SSF x Near_LoA	-9,72602951	-0,060	0,305
CHR6	19194701	CHR6:19194701	SSF x Near_LoA	-10,7363689	-0,028	0,302
CHR6	19194789	CHR6:19194789	SSF x Near_LoA	-8,52882232	0,074	0,325
CHR6	19194818	CHR6:19194818	SSF x Near_LoA	-10,9853097	-0,070	0,313
CHR6	1920029	CHR6:1920029	SSF x Near_LoA	-5,85538458	0,096	0,310
CHR6	1920116	CHR6:1920116	SSF x Near_LoA	-7,75741806	-0,156	0,298
CHR6	1920170	CHR6:1920170	SSF x Near_LoA	-8,21472374	0,100	0,306
CHR6	1920186	CHR6:1920186	SSF x Near_LoA	-11,4201188	-0,015	0,306
CHR6	19204036	CHR6:19204036	SSF x Near_LoA	-9,28315758	-0,081	0,320
CHR6	19207452	CHR6:19207452	SSF x Near_LoA	-11,0472032	0,059	0,307
CHR6	19207501	CHR6:19207501	SSF x Near_LoA	-8,32301686	0,046	0,288
CHR6	19207549	CHR6:19207549	SSF x Near_LoA	-8,32952254	-0,091	0,298
CHR6	19207559	CHR6:19207559	SSF x Near_LoA	-9,26012821	0,066	0,290
CHR6	19207563	CHR6:19207563	SSF x Near_LoA	-9,2543216	0,084	0,302
CHR6	19216997	CHR6:19216997	SSF x Near_LoA	-9,11936622	-0,050	0,300
CHR6	19217235	CHR6:19217235	SSF x Near_LoA	-7,32497816	-0,080	0,313
CHR6	19217257	CHR6:19217257	SSF x Near_LoA	-5,34408763	-0,011	0,314
CHR6	19221198	CHR6:19221198	SSF x Near_LoA	-11,3451862	0,031	0,296
CHR6	19221472	CHR6:19221472	SSF x Near_LoA	-9,83144287	-0,087	0,306
CHR6	19221486	CHR6:19221486	SSF x Near_LoA	-10,2034966	0,011	0,305
CHR6	19235529	CHR6:19235529	SSF x Near_LoA	-8,3290917	0,115	0,295
CHR6	19235548	CHR6:19235548	SSF x Near_LoA	-9,2755367	0,020	0,304
CHR6	19235593	CHR6:19235593	SSF x Near_LoA	-8,12669771	-0,146	0,298
CHR6	19235610	CHR6:19235610	SSF x Near_LoA	-8,1046449	0,176	0,295
CHR6	19235624	CHR6:19235624	SSF x Near_LoA	-9,47235207	0,037	0,299
CHR6	19235655	CHR6:19235655	SSF x Near_LoA	-11,178964	0,059	0,312
CHR6	19240558	CHR6:19240558	SSF x Near_LoA	-9,32333755	-0,009	0,310
CHR6	19240717	CHR6:19240717	SSF x Near_LoA	-11,6898174	-0,016	0,297
CHR6	1924786	CHR6:1924786	SSF x Near_LoA	-7,1482008	0,105	0,316
CHR6	19249409	CHR6:19249409	SSF x Near_LoA	-9,17778894	-0,044	0,316
CHR6	19271703	CHR6:19271703	SSF x Near_LoA	-11,6918294	0,030	0,292
CHR6	19271713	CHR6:19271713	SSF x Near_LoA	10,7996134	-0,177	0,304
CHR6	19271748	CHR6:19271748	SSF x Near_LoA	-10,4199541	-0,021	0,310
CHR6	19271785	CHR6:19271785	SSF x Near_LoA	-8,44009184	0,023	0,304
CHR6	19271794	CHR6:19271794	SSF x Near_LoA	-10,9456554	0,175	0,302
CHR6	19271837	CHR6:19271837	SSF x Near_LoA	-8,17586514	0,114	0,300
CHR6	19273510	CHR6:19273510	SSF x Near_LoA	-9,80987933	0,112	0,316
CHR6	19273520	CHR6:19273520	SSF x Near_LoA	-8,52962636	0,017	0,307
CHR6	19278866	CHR6:19278866	SSF x Near_LoA	-10,2750435	-0,056	0,310
CHR6	19278908	CHR6:19278908	SSF x Near_LoA	-10,250019	0,055	0,319
CHR6	19281177	CHR6:19281177	SSF x Near_LoA	-8,34239834	0,170	0,301
CHR6	19281274	CHR6:19281274	SSF x Near_LoA	-5,3742121	0,141	0,304
CHR6	19281291	CHR6:19281291	SSF x Near_LoA	-4,70025339	0,138	0,299
CHR6	19282752	CHR6:19282752	SSF x Near_LoA	-8,34699111	-0,007	0,308
CHR6	19294732	CHR6:19294732	SSF x Near_LoA	-8,83145859	-0,092	0,307
CHR6	19294799	CHR6:19294799	SSF x Near_LoA	-5,58545853	-0,195	0,292
CHR6	19294804	CHR6:19294804	SSF x Near_LoA	-9,94492997	-0,098	0,311
CHR6	19294806	CHR6:19294806	SSF x Near_LoA	-7,88701261	-0,089	0,305
CHR6	19294813	CHR6:19294813	SSF x Near_LoA	-2,99043122	-0,205	0,303
CHR6	19294825	CHR6:19294825	SSF x Near_LoA	-10,1588894	0,090	0,283
CHR6	19294826	CHR6:19294826	SSF x Near_LoA	-9,38646843	0,059	0,310
CHR6	19294854	CHR6:19294854	SSF x Near_LoA	-3,81604648	-0,043	0,314

CHR6	19294859	CHR6:19294859	SSF x Near_LoA	-8,70763089	0,039	0,314
CHR6	19294919	CHR6:19294919	SSF x Near_LoA	-10,2060479	0,033	0,316
CHR6	19294961	CHR6:19294961	SSF x Near_LoA	-10,4600272	0,111	0,300
CHR6	19296725	CHR6:19296725	SSF x Near_LoA	-7,77703991	0,091	0,299
CHR6	19296820	CHR6:19296820	SSF x Near_LoA	-7,88198335	-0,097	0,318
CHR6	19296908	CHR6:19296908	SSF x Near_LoA	-10,0461795	0,056	0,300
CHR6	19296939	CHR6:19296939	SSF x Near_LoA	-8,05725372	0,026	0,308
CHR6	19301217	CHR6:19301217	SSF x Near_LoA	-10,1669764	0,098	0,314
CHR6	19307220	CHR6:19307220	SSF x Near_LoA	-8,30767222	0,052	0,314
CHR6	19307275	CHR6:19307275	SSF x Near_LoA	-9,54276628	0,042	0,308
CHR6	19307276	CHR6:19307276	SSF x Near_LoA	-8,04267376	0,043	0,325
CHR6	19307338	CHR6:19307338	SSF x Near_LoA	-8,12099843	0,047	0,305
CHR6	19310668	CHR6:19310668	SSF x Near_LoA	-3,41213986	0,162	0,301
CHR6	19310670	CHR6:19310670	SSF x Near_LoA	-8,32160102	0,003	0,317
CHR6	19310681	CHR6:19310681	SSF x Near_LoA	-8,69197546	-0,117	0,311
CHR6	19310707	CHR6:19310707	SSF x Near_LoA	-8,95472373	0,013	0,307
CHR6	19310742	CHR6:19310742	SSF x Near_LoA	-7,86845019	-0,059	0,309
CHR6	19310748	CHR6:19310748	SSF x Near_LoA	-0,23772554	0,020	0,301
CHR6	19330161	CHR6:19330161	SSF x Near_LoA	-7,26512725	-0,021	0,305
CHR6	19330209	CHR6:19330209	SSF x Near_LoA	-8,93341955	-0,040	0,312
CHR6	19330311	CHR6:19330311	SSF x Near_LoA	-8,15424543	-0,001	0,308
CHR6	19330415	CHR6:19330415	SSF x Near_LoA	-10,1943721	-0,116	0,313
CHR6	19330421	CHR6:19330421	SSF x Near_LoA	-7,83761038	-0,054	0,311
CHR6	19330444	CHR6:19330444	SSF x Near_LoA	-8,46100371	-0,118	0,308
CHR6	19330445	CHR6:19330445	SSF x Near_LoA	-9,37752648	0,029	0,310
CHR6	19337999	CHR6:19337999	SSF x Near_LoA	-9,19636876	-0,066	0,329
CHR6	19338079	CHR6:19338079	SSF x Near_LoA	-10,421039	-0,066	0,296
CHR6	1933950	CHR6:1933950	SSF x Near_LoA	-6,31372578	0,171	0,300
CHR6	19342375	CHR6:19342375	SSF x Near_LoA	-8,98810751	-0,085	0,297
CHR6	19347023	CHR6:19347023	SSF x Near_LoA	-8,5220125	0,052	0,299
CHR6	19347186	CHR6:19347186	SSF x Near_LoA	-8,30421125	0,018	0,317
CHR6	19347308	CHR6:19347308	SSF x Near_LoA	-9,10299337	-0,022	0,320
CHR6	19359850	CHR6:19359850	SSF x Near_LoA	-9,47751776	-0,064	0,298
CHR6	19366758	CHR6:19366758	SSF x Near_LoA	-8,03463907	-0,133	0,292
CHR6	19366853	CHR6:19366853	SSF x Near_LoA	-9,14427743	0,003	0,305
CHR6	19366858	CHR6:19366858	SSF x Near_LoA	-8,71954333	-0,015	0,315
CHR6	19366881	CHR6:19366881	SSF x Near_LoA	-10,1034665	0,086	0,310
CHR6	19373498	CHR6:19373498	SSF x Near_LoA	-9,64391486	-0,044	0,291
CHR6	19378922	CHR6:19378922	SSF x Near_LoA	-10,5314163	0,046	0,313
CHR6	19379181	CHR6:19379181	SSF x Near_LoA	-9,29027061	-0,059	0,308
CHR6	19379187	CHR6:19379187	SSF x Near_LoA	-7,20506673	0,002	0,320
CHR6	1938438	CHR6:1938438	SSF x Near_LoA	-8,61340917	0,060	0,306
CHR6	1938650	CHR6:1938650	SSF x Near_LoA	-8,67463096	0,041	0,293
CHR6	19388726	CHR6:19388726	SSF x Near_LoA	-11,4976587	0,081	0,301
CHR6	19388836	CHR6:19388836	SSF x Near_LoA	-10,2510723	0,075	0,311
CHR6	19389039	CHR6:19389039	SSF x Near_LoA	-9,93792589	-0,059	0,304
CHR6	19398059	CHR6:19398059	SSF x Near_LoA	-10,5032928	0,020	0,316
CHR6	19400089	CHR6:19400089	SSF x Near_LoA	-9,43630592	-0,028	0,297
CHR6	19400200	CHR6:19400200	SSF x Near_LoA	-8,39834987	0,083	0,296
CHR6	19400235	CHR6:19400235	SSF x Near_LoA	-7,31097649	-0,107	0,304
CHR6	19400241	CHR6:19400241	SSF x Near_LoA	-5,18119127	-0,097	0,308
CHR6	19400253	CHR6:19400253	SSF x Near_LoA	-8,44164412	-0,128	0,294
CHR6	19400281	CHR6:19400281	SSF x Near_LoA	-7,85634841	-0,109	0,303

CHR6	19402964	CHR6:19402964	SSF x Near_LoA	-9,39069692	0,044	0,312
CHR6	19407623	CHR6:19407623	SSF x Near_LoA	-11,7512679	-0,008	0,311
CHR6	19407657	CHR6:19407657	SSF x Near_LoA	-10,6341607	0,025	0,310
CHR6	19415632	CHR6:19415632	SSF x Near_LoA	-7,56846022	0,008	0,312
CHR6	19431726	CHR6:19431726	SSF x Near_LoA	-7,66779284	-0,069	0,305
CHR6	19431738	CHR6:19431738	SSF x Near_LoA	-8,59595162	-0,013	0,298
CHR6	19431797	CHR6:19431797	SSF x Near_LoA	-11,6722919	-0,037	0,299
CHR6	19431798	CHR6:19431798	SSF x Near_LoA	-7,69124131	-0,015	0,307
CHR6	19434188	CHR6:19434188	SSF x Near_LoA	-9,91143237	-0,065	0,310
CHR6	19434207	CHR6:19434207	SSF x Near_LoA	-10,2894879	-0,048	0,301
CHR6	19434217	CHR6:19434217	SSF x Near_LoA	-9,89438925	-0,066	0,307
CHR6	19434243	CHR6:19434243	SSF x Near_LoA	-7,7538283	-0,097	0,291
CHR6	19434389	CHR6:19434389	SSF x Near_LoA	-6,09853639	0,133	0,302
CHR6	19437554	CHR6:19437554	SSF x Near_LoA	-10,798975	0,002	0,304
CHR6	19445165	CHR6:19445165	SSF x Near_LoA	-10,1365075	0,102	0,307
CHR6	19445172	CHR6:19445172	SSF x Near_LoA	-8,81347154	-0,031	0,300
CHR6	19445236	CHR6:19445236	SSF x Near_LoA	-10,9096536	-0,028	0,281
CHR6	19445255	CHR6:19445255	SSF x Near_LoA	-8,75980207	-0,091	0,315
CHR6	19445266	CHR6:19445266	SSF x Near_LoA	-10,4081934	-0,041	0,316
CHR6	194483	CHR6:194483	SSF x Near_LoA	-10,6659893	-0,026	0,299
CHR6	194498	CHR6:194498	SSF x Near_LoA	-8,96073855	0,004	0,311
CHR6	194666	CHR6:194666	SSF x Near_LoA	-8,09672979	-0,123	0,310
CHR6	19470421	CHR6:19470421	SSF x Near_LoA	-10,4693601	0,014	0,300
CHR6	19472388	CHR6:19472388	SSF x Near_LoA	-4,40300542	0,204	0,280
CHR6	19472411	CHR6:19472411	SSF x Near_LoA	-7,83470985	-0,129	0,315
CHR6	19475010	CHR6:19475010	SSF x Near_LoA	-11,5844997	-0,070	0,310
CHR6	19479242	CHR6:19479242	SSF x Near_LoA	-5,03615579	-0,122	0,298
CHR6	19479255	CHR6:19479255	SSF x Near_LoA	-7,99799198	-0,137	0,298
CHR6	19479263	CHR6:19479263	SSF x Near_LoA	-3,36172062	-0,009	0,301
CHR6	19479265	CHR6:19479265	SSF x Near_LoA	-9,69375857	-0,132	0,289
CHR6	19479285	CHR6:19479285	SSF x Near_LoA	-9,15088027	-0,040	0,313
CHR6	19479303	CHR6:19479303	SSF x Near_LoA	-10,9875211	0,052	0,317
CHR6	19479317	CHR6:19479317	SSF x Near_LoA	-10,1344642	-0,051	0,309
CHR6	19479339	CHR6:19479339	SSF x Near_LoA	-10,2363819	0,075	0,320
CHR6	19479349	CHR6:19479349	SSF x Near_LoA	-6,66813636	-0,119	0,300
CHR6	19493008	CHR6:19493008	SSF x Near_LoA	-11,2390661	0,018	0,322
CHR6	19493199	CHR6:19493199	SSF x Near_LoA	-8,98354533	-0,036	0,310
CHR6	19493249	CHR6:19493249	SSF x Near_LoA	-9,56424926	0,060	0,306
CHR6	19495994	CHR6:19495994	SSF x Near_LoA	-6,22991631	-0,033	0,292
CHR6	19495995	CHR6:19495995	SSF x Near_LoA	-10,1054403	-0,091	0,301
CHR6	19496013	CHR6:19496013	SSF x Near_LoA	-10,4193982	-0,106	0,305
CHR6	19496014	CHR6:19496014	SSF x Near_LoA	-10,4484162	-0,063	0,294
CHR6	19496041	CHR6:19496041	SSF x Near_LoA	-7,14785183	-0,151	0,298
CHR6	19496086	CHR6:19496086	SSF x Near_LoA	-8,61619357	0,139	0,294
CHR6	19496129	CHR6:19496129	SSF x Near_LoA	-11,4129366	-0,038	0,308
CHR6	19496150	CHR6:19496150	SSF x Near_LoA	-7,66331709	0,188	0,291
CHR6	19496179	CHR6:19496179	SSF x Near_LoA	-5,65805854	0,057	0,299
CHR6	19496216	CHR6:19496216	SSF x Near_LoA	-9,39885253	-0,056	0,306
CHR6	19496217	CHR6:19496217	SSF x Near_LoA	-10,2235355	0,045	0,295
CHR6	19498857	CHR6:19498857	SSF x Near_LoA	-8,09228686	-0,028	0,308
CHR6	2E+07	CHR6:19504073	SSF x Near_LoA	-10,436433	0,100	0,311
CHR6	2E+07	CHR6:19504350	SSF x Near_LoA	-10,2390537	0,082	0,313
CHR6	2E+07	CHR6:19510153	SSF x Near_LoA	-9,77574212	-0,081	0,299

CHR6	2E+07	CHR6:19514266	SSF x Near_LoA	-9,42319804	0,132	0,319
CHR6	2E+07	CHR6:19514493	SSF x Near_LoA	-8,83617987	0,096	0,308
CHR6	2E+07	CHR6:19516846	SSF x Near_LoA	-9,40592461	-0,054	0,313
CHR6	1951949	CHR6:1951949	SSF x Near_LoA	-10,8916226	0,049	0,299
CHR6	1951968	CHR6:1951968	SSF x Near_LoA	-7,37634995	-0,143	0,305
CHR6	1952027	CHR6:1952027	SSF x Near_LoA	-10,7606401	-0,010	0,302
CHR6	1952076	CHR6:1952076	SSF x Near_LoA	-6,60554864	-0,113	0,315
CHR6	2E+07	CHR6:19523987	SSF x Near_LoA	-6,74481271	-0,129	0,312
CHR6	2E+07	CHR6:19524000	SSF x Near_LoA	-9,53643514	0,030	0,307
CHR6	2E+07	CHR6:19524028	SSF x Near_LoA	-11,4489163	0,060	0,301
CHR6	2E+07	CHR6:19524060	SSF x Near_LoA	-1,30694043	-0,135	0,299
CHR6	2E+07	CHR6:19524112	SSF x Near_LoA	-3,83219297	0,095	0,307
CHR6	2E+07	CHR6:19524170	SSF x Near_LoA	-8,54350165	-0,154	0,291
CHR6	2E+07	CHR6:19524211	SSF x Near_LoA	-4,39279817	0,001	0,304
CHR6	2E+07	CHR6:19524231	SSF x Near_LoA	-11,4587846	-0,010	0,307
CHR6	2E+07	CHR6:19531245	SSF x Near_LoA	-9,09991308	0,049	0,310
CHR6	2E+07	CHR6:19531249	SSF x Near_LoA	-8,56176091	-0,019	0,316
CHR6	2E+07	CHR6:19531453	SSF x Near_LoA	-6,30790005	0,125	0,307
CHR6	2E+07	CHR6:19535304	SSF x Near_LoA	-11,7354344	-0,071	0,303
CHR6	2E+07	CHR6:19535458	SSF x Near_LoA	-10,0845465	0,073	0,302
CHR6	2E+07	CHR6:19552773	SSF x Near_LoA	-10,2390512	-0,039	0,312
CHR6	2E+07	CHR6:19552841	SSF x Near_LoA	-11,2290462	0,029	0,304
CHR6	2E+07	CHR6:19562726	SSF x Near_LoA	-9,77258388	-0,056	0,323
CHR6	2E+07	CHR6:19562727	SSF x Near_LoA	-6,22089095	-0,063	0,307
CHR6	2E+07	CHR6:19562729	SSF x Near_LoA	-9,29308182	-0,074	0,299
CHR6	2E+07	CHR6:19562748	SSF x Near_LoA	-7,5540087	0,114	0,299
CHR6	2E+07	CHR6:19562759	SSF x Near_LoA	-5,76258314	-0,183	0,297
CHR6	2E+07	CHR6:19562762	SSF x Near_LoA	-8,35833867	0,070	0,319
CHR6	2E+07	CHR6:19562779	SSF x Near_LoA	-8,15480863	-0,059	0,307
CHR6	2E+07	CHR6:19562783	SSF x Near_LoA	-9,31072642	0,014	0,305
CHR6	2E+07	CHR6:19562806	SSF x Near_LoA	-6,79547811	-0,134	0,303
CHR6	2E+07	CHR6:19562828	SSF x Near_LoA	-7,45151174	0,130	0,300
CHR6	2E+07	CHR6:19562831	SSF x Near_LoA	-5,8418253	-0,131	0,314
CHR6	2E+07	CHR6:19562895	SSF x Near_LoA	0,99090019	-0,156	0,312
CHR6	2E+07	CHR6:19562919	SSF x Near_LoA	-9,16726205	-0,002	0,308
CHR6	2E+07	CHR6:19562921	SSF x Near_LoA	-9,96473532	0,095	0,300
CHR6	1956597	CHR6:1956597	SSF x Near_LoA	-8,49347519	0,128	0,315
CHR6	2E+07	CHR6:19566415	SSF x Near_LoA	-8,9945314	-0,029	0,328
CHR6	2E+07	CHR6:19566577	SSF x Near_LoA	-8,78409385	0,016	0,303
CHR6	2E+07	CHR6:19569446	SSF x Near_LoA	-8,54991664	0,113	0,304
CHR6	2E+07	CHR6:19569569	SSF x Near_LoA	-12,4250273	-0,029	0,298
CHR6	2E+07	CHR6:19569573	SSF x Near_LoA	-10,622429	-0,048	0,308
CHR6	2E+07	CHR6:19569575	SSF x Near_LoA	-10,6983946	0,047	0,303
CHR6	2E+07	CHR6:19569577	SSF x Near_LoA	-9,71314745	-0,040	0,309
CHR6	2E+07	CHR6:19569611	SSF x Near_LoA	-12,0465902	-0,068	0,293
CHR6	2E+07	CHR6:19578420	SSF x Near_LoA	-8,42114966	-0,124	0,284
CHR6	2E+07	CHR6:19578441	SSF x Near_LoA	-10,2485856	0,001	0,304
CHR6	2E+07	CHR6:19578445	SSF x Near_LoA	-9,32919271	0,066	0,300
CHR6	2E+07	CHR6:19578504	SSF x Near_LoA	-9,54677215	-0,023	0,294
CHR6	2E+07	CHR6:19578558	SSF x Near_LoA	-9,11515501	0,014	0,314
CHR6	2E+07	CHR6:19584238	SSF x Near_LoA	-10,2282619	0,013	0,300
CHR6	2E+07	CHR6:19584281	SSF x Near_LoA	-9,99710288	0,044	0,314
CHR6	2E+07	CHR6:19584343	SSF x Near_LoA	-10,2071609	0,060	0,308

CHR6	2E+07	CHR6:19584361	SSF x Near_LoA	-8,59781472	-0,023	0,312
CHR6	1958916	CHR6:1958916	SSF x Near_LoA	-10,7655646	-0,068	0,305
CHR6	2E+07	CHR6:19617850	SSF x Near_LoA	-8,50786012	0,049	0,310
CHR6	2E+07	CHR6:19617916	SSF x Near_LoA	-8,11913921	0,096	0,304
CHR6	2E+07	CHR6:19645915	SSF x Near_LoA	-9,04909895	-0,048	0,298
CHR6	2E+07	CHR6:19645965	SSF x Near_LoA	-8,89660963	0,063	0,312
CHR6	2E+07	CHR6:19648125	SSF x Near_LoA	-9,53265517	-0,055	0,307
CHR6	2E+07	CHR6:19648165	SSF x Near_LoA	-9,24914577	0,026	0,312
CHR6	2E+07	CHR6:19648169	SSF x Near_LoA	-10,9818692	-0,104	0,308
CHR6	2E+07	CHR6:19648178	SSF x Near_LoA	-8,13678268	-0,032	0,315
CHR6	2E+07	CHR6:19648208	SSF x Near_LoA	-5,6301976	-0,176	0,297
CHR6	2E+07	CHR6:19648211	SSF x Near_LoA	-3,13228295	0,081	0,292
CHR6	2E+07	CHR6:19648224	SSF x Near_LoA	-8,26655615	0,048	0,310
CHR6	2E+07	CHR6:19648249	SSF x Near_LoA	-9,90824695	-0,110	0,305
CHR6	2E+07	CHR6:19648288	SSF x Near_LoA	-8,78110657	-0,054	0,309
CHR6	2E+07	CHR6:19648297	SSF x Near_LoA	-9,0213742	0,017	0,308
CHR6	2E+07	CHR6:19648315	SSF x Near_LoA	-6,19748911	0,094	0,322
CHR6	1965289	CHR6:1965289	SSF x Near_LoA	-10,0840681	0,153	0,290
CHR6	1965309	CHR6:1965309	SSF x Near_LoA	-8,33280396	0,028	0,310
CHR6	2E+07	CHR6:19654782	SSF x Near_LoA	-7,29680634	-0,201	0,291
CHR6	2E+07	CHR6:19654838	SSF x Near_LoA	-8,55560094	0,008	0,303
CHR6	2E+07	CHR6:19654842	SSF x Near_LoA	-10,6669201	0,083	0,320
CHR6	2E+07	CHR6:19654858	SSF x Near_LoA	-9,17000119	0,028	0,326
CHR6	2E+07	CHR6:19664915	SSF x Near_LoA	-9,93185187	0,082	0,306
CHR6	2E+07	CHR6:19664933	SSF x Near_LoA	-11,9706681	0,020	0,309
CHR6	2E+07	CHR6:19664949	SSF x Near_LoA	-9,58115631	0,055	0,300
CHR6	2E+07	CHR6:19664964	SSF x Near_LoA	-4,91019123	0,021	0,316
CHR6	2E+07	CHR6:19664977	SSF x Near_LoA	-9,1904815	0,016	0,316
CHR6	2E+07	CHR6:19664983	SSF x Near_LoA	-10,4474503	-0,014	0,309
CHR6	2E+07	CHR6:19665105	SSF x Near_LoA	-10,3406942	0,026	0,298
CHR6	2E+07	CHR6:19666496	SSF x Near_LoA	-9,37336682	0,060	0,298
CHR6	2E+07	CHR6:19666507	SSF x Near_LoA	-8,03533312	0,041	0,309
CHR6	2E+07	CHR6:19666528	SSF x Near_LoA	-9,29537888	0,062	0,300
CHR6	2E+07	CHR6:19666576	SSF x Near_LoA	-10,9963378	0,004	0,322
CHR6	2E+07	CHR6:19666600	SSF x Near_LoA	-10,0857428	0,067	0,295
CHR6	2E+07	CHR6:19666622	SSF x Near_LoA	-6,10178153	0,118	0,306
CHR6	2E+07	CHR6:19670356	SSF x Near_LoA	-11,8095266	0,064	0,303
CHR6	2E+07	CHR6:19670362	SSF x Near_LoA	-4,69074044	0,164	0,299
CHR6	2E+07	CHR6:19670373	SSF x Near_LoA	-6,36245118	-0,067	0,319
CHR6	2E+07	CHR6:19670449	SSF x Near_LoA	-7,77545125	0,067	0,317
CHR6	2E+07	CHR6:19673531	SSF x Near_LoA	-5,81660785	-0,129	0,301
CHR6	2E+07	CHR6:19673540	SSF x Near_LoA	-8,06223874	-0,070	0,309
CHR6	2E+07	CHR6:19673553	SSF x Near_LoA	-9,51623732	-0,082	0,289
CHR6	2E+07	CHR6:19673640	SSF x Near_LoA	-4,87099838	-0,162	0,303
CHR6	2E+07	CHR6:19676253	SSF x Near_LoA	-8,76168888	0,001	0,305
CHR6	2E+07	CHR6:19676299	SSF x Near_LoA	-9,6858727	-0,021	0,297
CHR6	2E+07	CHR6:19676381	SSF x Near_LoA	-9,89041148	-0,033	0,306
CHR6	2E+07	CHR6:19681707	SSF x Near_LoA	-7,23971299	0,077	0,309
CHR6	2E+07	CHR6:19681788	SSF x Near_LoA	-9,32690422	0,075	0,298
CHR6	2E+07	CHR6:19681809	SSF x Near_LoA	-9,53593807	0,103	0,303
CHR6	2E+07	CHR6:19681837	SSF x Near_LoA	-8,71599159	0,001	0,296
CHR6	2E+07	CHR6:19681853	SSF x Near_LoA	-10,0548421	0,012	0,305
CHR6	2E+07	CHR6:19681862	SSF x Near_LoA	-7,31154219	0,001	0,300

CHR6	2E+07	CHR6:19684672	SSF x Near_LoA	-7,94299329	-0,001	0,304
CHR6	2E+07	CHR6:19684717	SSF x Near_LoA	-8,22975502	-0,155	0,305
CHR6	2E+07	CHR6:19684731	SSF x Near_LoA	-8,20423142	0,155	0,298
CHR6	2E+07	CHR6:19684792	SSF x Near_LoA	-8,69936779	0,035	0,301
CHR6	2E+07	CHR6:19684801	SSF x Near_LoA	-3,99837904	-0,118	0,311
CHR6	2E+07	CHR6:19684807	SSF x Near_LoA	-9,23313191	-0,010	0,302
CHR6	2E+07	CHR6:19684845	SSF x Near_LoA	-6,03416276	-0,128	0,307
CHR6	2E+07	CHR6:19691318	SSF x Near_LoA	-10,5046814	-0,004	0,300
CHR6	2E+07	CHR6:19691322	SSF x Near_LoA	-9,85400599	0,035	0,299
CHR6	2E+07	CHR6:19691326	SSF x Near_LoA	-8,95992725	-0,104	0,314
CHR6	2E+07	CHR6:19691360	SSF x Near_LoA	-9,07091666	0,112	0,293
CHR6	2E+07	CHR6:19691376	SSF x Near_LoA	-9,63590323	0,129	0,301
CHR6	2E+07	CHR6:19691392	SSF x Near_LoA	-8,24540544	-0,098	0,302
CHR6	2E+07	CHR6:19691421	SSF x Near_LoA	-10,0816472	-0,030	0,304
CHR6	2E+07	CHR6:19700767	SSF x Near_LoA	-6,30668118	0,142	0,293
CHR6	2E+07	CHR6:19700782	SSF x Near_LoA	-9,65987539	0,076	0,314
CHR6	2E+07	CHR6:19700806	SSF x Near_LoA	-6,44594279	0,125	0,301
CHR6	2E+07	CHR6:19706695	SSF x Near_LoA	-10,086204	0,045	0,292
CHR6	2E+07	CHR6:19706698	SSF x Near_LoA	-10,3213826	0,084	0,320
CHR6	2E+07	CHR6:19706707	SSF x Near_LoA	-11,6269514	0,050	0,310
CHR6	2E+07	CHR6:19728702	SSF x Near_LoA	-11,2368095	0,002	0,319
CHR6	2E+07	CHR6:19728774	SSF x Near_LoA	-5,27533224	-0,027	0,313
CHR6	2E+07	CHR6:19730981	SSF x Near_LoA	-10,8877593	-0,019	0,303
CHR6	2E+07	CHR6:19731084	SSF x Near_LoA	-9,254516	-0,008	0,303
CHR6	2E+07	CHR6:19731113	SSF x Near_LoA	-6,43189794	0,181	0,289
CHR6	2E+07	CHR6:19731130	SSF x Near_LoA	-4,17737994	0,163	0,290
CHR6	2E+07	CHR6:19731139	SSF x Near_LoA	-3,16794381	0,203	0,294
CHR6	2E+07	CHR6:19731159	SSF x Near_LoA	-3,65074479	0,209	0,304
CHR6	2E+07	CHR6:19733531	SSF x Near_LoA	-11,1571773	0,011	0,315
CHR6	2E+07	CHR6:19733539	SSF x Near_LoA	-7,63912296	-0,048	0,311
CHR6	2E+07	CHR6:19733552	SSF x Near_LoA	-8,07905807	0,012	0,324
CHR6	2E+07	CHR6:19733583	SSF x Near_LoA	-9,09195268	0,046	0,312
CHR6	2E+07	CHR6:19746931	SSF x Near_LoA	-6,46830201	0,210	0,291
CHR6	2E+07	CHR6:19749599	SSF x Near_LoA	-11,2126677	0,060	0,303
CHR6	2E+07	CHR6:19749653	SSF x Near_LoA	-9,76088864	-0,015	0,309
CHR6	2E+07	CHR6:19749670	SSF x Near_LoA	-9,18512988	-0,149	0,310
CHR6	2E+07	CHR6:19749710	SSF x Near_LoA	-8,94467218	-0,028	0,305
CHR6	2E+07	CHR6:19751604	SSF x Near_LoA	-7,13400655	0,027	0,311
CHR6	2E+07	CHR6:19751878	SSF x Near_LoA	-8,78227096	0,030	0,312
CHR6	2E+07	CHR6:19756999	SSF x Near_LoA	-3,11070346	0,014	0,316
CHR6	2E+07	CHR6:19770767	SSF x Near_LoA	-9,85032339	0,090	0,307
CHR6	2E+07	CHR6:19776907	SSF x Near_LoA	-11,1452822	0,082	0,308
CHR6	2E+07	CHR6:19777529	SSF x Near_LoA	-7,42284247	0,118	0,319
CHR6	2E+07	CHR6:19778663	SSF x Near_LoA	-6,29280893	0,121	0,301
CHR6	2E+07	CHR6:19782732	SSF x Near_LoA	-9,04439033	0,113	0,303
CHR6	2E+07	CHR6:19782755	SSF x Near_LoA	-7,41951684	0,105	0,305
CHR6	2E+07	CHR6:19782781	SSF x Near_LoA	-9,95388671	0,070	0,314
CHR6	2E+07	CHR6:19782790	SSF x Near_LoA	-8,22226139	0,090	0,307
CHR6	2E+07	CHR6:19782802	SSF x Near_LoA	-10,0769504	0,086	0,297
CHR6	2E+07	CHR6:19805705	SSF x Near_LoA	-8,62433155	-0,018	0,319
CHR6	2E+07	CHR6:19805890	SSF x Near_LoA	-8,09730308	-0,028	0,317
CHR6	2E+07	CHR6:19805910	SSF x Near_LoA	-11,6817879	-0,075	0,303
CHR6	2E+07	CHR6:19805915	SSF x Near_LoA	-8,23620524	-0,081	0,312

CHR6	2E+07	CHR6:19805926	SSF x Near_LoA	-10,5081502	-0,026	0,319
CHR6	2E+07	CHR6:19805935	SSF x Near_LoA	-11,5740403	-0,084	0,312
CHR6	2E+07	CHR6:19813734	SSF x Near_LoA	-9,50260736	-0,006	0,301
CHR6	2E+07	CHR6:19813811	SSF x Near_LoA	-9,29537728	-0,083	0,307
CHR6	1981860	CHR6:1981860	SSF x Near_LoA	-9,09663505	0,039	0,294
CHR6	2E+07	CHR6:19818732	SSF x Near_LoA	-3,81713465	-0,064	0,311
CHR6	2E+07	CHR6:19819379	SSF x Near_LoA	-9,12084883	-0,008	0,316
CHR6	2E+07	CHR6:19819559	SSF x Near_LoA	-11,6899173	-0,022	0,313
CHR6	2E+07	CHR6:19819563	SSF x Near_LoA	-9,77991499	-0,016	0,311
CHR6	1981975	CHR6:1981975	SSF x Near_LoA	-8,83029825	-0,030	0,301
CHR6	1982000	CHR6:1982000	SSF x Near_LoA	-9,86430822	0,016	0,316
CHR6	1982039	CHR6:1982039	SSF x Near_LoA	-8,60377823	0,037	0,303
CHR6	198231	CHR6:198231	SSF x Near_LoA	-5,32764272	0,146	0,302
CHR6	2E+07	CHR6:19824811	SSF x Near_LoA	-8,93473708	-0,072	0,311
CHR6	2E+07	CHR6:19824812	SSF x Near_LoA	-8,18855614	-0,072	0,321
CHR6	2E+07	CHR6:19824818	SSF x Near_LoA	-12,2816048	-0,066	0,309
CHR6	2E+07	CHR6:19824823	SSF x Near_LoA	-8,56736784	-0,019	0,316
CHR6	2E+07	CHR6:19824830	SSF x Near_LoA	-6,89354387	-0,049	0,317
CHR6	2E+07	CHR6:19824850	SSF x Near_LoA	-7,44258824	-0,023	0,307
CHR6	2E+07	CHR6:19824855	SSF x Near_LoA	-9,4803249	-0,005	0,317
CHR6	2E+07	CHR6:19824858	SSF x Near_LoA	-10,078047	-0,038	0,322
CHR6	2E+07	CHR6:19824873	SSF x Near_LoA	-7,27876582	-0,044	0,306
CHR6	2E+07	CHR6:19824876	SSF x Near_LoA	-11,077638	-0,037	0,306
CHR6	2E+07	CHR6:19824877	SSF x Near_LoA	-10,5045938	-0,049	0,315
CHR6	2E+07	CHR6:19824879	SSF x Near_LoA	-9,9818864	-0,022	0,319
CHR6	2E+07	CHR6:19824908	SSF x Near_LoA	-10,9003562	-0,055	0,301
CHR6	2E+07	CHR6:19829991	SSF x Near_LoA	-6,12494759	0,075	0,311
CHR6	2E+07	CHR6:19836853	SSF x Near_LoA	-9,24454376	0,039	0,306
CHR6	2E+07	CHR6:19836862	SSF x Near_LoA	-9,25552288	-0,079	0,306
CHR6	2E+07	CHR6:19836902	SSF x Near_LoA	-7,23314368	-0,097	0,312
CHR6	2E+07	CHR6:19862966	SSF x Near_LoA	-9,24458551	0,026	0,316
CHR6	2E+07	CHR6:19881813	SSF x Near_LoA	-12,4682896	-0,005	0,301
CHR6	2E+07	CHR6:19889136	SSF x Near_LoA	-9,30404473	0,007	0,316
CHR6	2E+07	CHR6:19890003	SSF x Near_LoA	-9,94405504	-0,132	0,305
CHR6	2E+07	CHR6:19896920	SSF x Near_LoA	-9,05301218	-0,058	0,315
CHR6	2E+07	CHR6:19899061	SSF x Near_LoA	-7,42787396	0,137	0,289
CHR6	2E+07	CHR6:19899111	SSF x Near_LoA	-8,3488986	-0,062	0,309
CHR6	2E+07	CHR6:19899141	SSF x Near_LoA	-9,11897586	-0,131	0,305
CHR6	2E+07	CHR6:19899160	SSF x Near_LoA	-10,9705836	-0,005	0,300
CHR6	2E+07	CHR6:19899165	SSF x Near_LoA	-10,4891007	-0,013	0,292
CHR6	2E+07	CHR6:19899242	SSF x Near_LoA	-8,1051096	0,046	0,293
CHR6	2E+07	CHR6:19899257	SSF x Near_LoA	-8,48300519	0,036	0,306
CHR6	2E+07	CHR6:19899261	SSF x Near_LoA	-8,57444645	0,026	0,313
CHR6	2E+07	CHR6:19899289	SSF x Near_LoA	-7,00488038	-0,067	0,291
CHR6	2E+07	CHR6:19902611	SSF x Near_LoA	-8,11264054	-0,009	0,324
CHR6	2E+07	CHR6:19902699	SSF x Near_LoA	-10,3259998	0,027	0,295
CHR6	2E+07	CHR6:19902737	SSF x Near_LoA	-10,8422045	-0,098	0,308
CHR6	2E+07	CHR6:19913719	SSF x Near_LoA	-9,10481277	0,081	0,305
CHR6	2E+07	CHR6:19915631	SSF x Near_LoA	-8,44511799	0,047	0,307
CHR6	2E+07	CHR6:19915752	SSF x Near_LoA	-9,0609244	0,109	0,310
CHR6	2E+07	CHR6:19920617	SSF x Near_LoA	-11,3049492	-0,112	0,301
CHR6	2E+07	CHR6:19920666	SSF x Near_LoA	-9,22048873	0,155	0,301
CHR6	2E+07	CHR6:19920677	SSF x Near_LoA	-8,7787581	0,140	0,293

CHR6	2E+07	CHR6:19920678	SSF x Near_LoA	-10,4606	0,037	0,309
CHR6	2E+07	CHR6:19920725	SSF x Near_LoA	-9,36128508	-0,103	0,288
CHR6	2E+07	CHR6:19920782	SSF x Near_LoA	-9,03530702	-0,056	0,306
CHR6	2E+07	CHR6:19920783	SSF x Near_LoA	-10,4202024	-0,040	0,305
CHR6	2E+07	CHR6:19920784	SSF x Near_LoA	-10,5877445	-0,039	0,300
CHR6	2E+07	CHR6:19920785	SSF x Near_LoA	-10,8326059	-0,038	0,300
CHR6	2E+07	CHR6:19920829	SSF x Near_LoA	-9,23932683	-0,011	0,302
CHR6	2E+07	CHR6:19924138	SSF x Near_LoA	-8,62374357	-0,156	0,299
CHR6	2E+07	CHR6:19924142	SSF x Near_LoA	-5,72204754	-0,139	0,305
CHR6	2E+07	CHR6:19924238	SSF x Near_LoA	-9,69645913	-0,064	0,300
CHR6	2E+07	CHR6:19924264	SSF x Near_LoA	-7,00665237	0,003	0,305
CHR6	2E+07	CHR6:19924279	SSF x Near_LoA	-8,86471565	0,022	0,310
CHR6	2E+07	CHR6:19924281	SSF x Near_LoA	-7,91048524	-0,014	0,311
CHR6	2E+07	CHR6:19924286	SSF x Near_LoA	-9,31813758	0,005	0,304
CHR6	2E+07	CHR6:19935767	SSF x Near_LoA	-9,22812366	-0,047	0,323
CHR6	2E+07	CHR6:19935787	SSF x Near_LoA	-9,01883046	0,010	0,308
CHR6	2E+07	CHR6:19935824	SSF x Near_LoA	-9,89012284	0,043	0,309
CHR6	2E+07	CHR6:19935831	SSF x Near_LoA	-7,08273271	0,046	0,317
CHR6	2E+07	CHR6:19935833	SSF x Near_LoA	-7,78359364	0,042	0,326
CHR6	2E+07	CHR6:19935864	SSF x Near_LoA	-8,39899254	0,101	0,307
CHR6	2E+07	CHR6:19935904	SSF x Near_LoA	-8,25372612	0,009	0,311
CHR6	2E+07	CHR6:19935913	SSF x Near_LoA	-9,5187704	0,019	0,309
CHR6	2E+07	CHR6:19935915	SSF x Near_LoA	-10,0956795	-0,021	0,309
CHR6	2E+07	CHR6:19935923	SSF x Near_LoA	-7,97766616	-0,038	0,297
CHR6	2E+07	CHR6:19935944	SSF x Near_LoA	-9,01262949	-0,060	0,308
CHR6	2E+07	CHR6:19948964	SSF x Near_LoA	-7,73019192	0,054	0,315
CHR6	2E+07	CHR6:19948991	SSF x Near_LoA	-8,89939948	0,074	0,309
CHR6	2E+07	CHR6:19948995	SSF x Near_LoA	-7,71802057	-0,159	0,316
CHR6	2E+07	CHR6:19953093	SSF x Near_LoA	-9,68235857	0,003	0,323
CHR6	2E+07	CHR6:19953103	SSF x Near_LoA	-5,90688936	-0,155	0,303
CHR6	2E+07	CHR6:19955602	SSF x Near_LoA	-8,20764593	0,005	0,301
CHR6	2E+07	CHR6:19955744	SSF x Near_LoA	-10,6584015	-0,071	0,304
CHR6	2E+07	CHR6:19960416	SSF x Near_LoA	-9,15870917	0,089	0,291
CHR6	2E+07	CHR6:19960516	SSF x Near_LoA	-6,39981527	0,126	0,309
CHR6	1996489	CHR6:1996489	SSF x Near_LoA	-9,24692909	0,042	0,296
CHR6	2E+07	CHR6:19968833	SSF x Near_LoA	-9,74149499	0,017	0,307
CHR6	2E+07	CHR6:19968834	SSF x Near_LoA	-9,71919406	0,039	0,303
CHR6	2E+07	CHR6:19968895	SSF x Near_LoA	-9,27361208	0,019	0,322
CHR6	2E+07	CHR6:19968910	SSF x Near_LoA	-6,51546834	0,026	0,301
CHR6	2E+07	CHR6:19968928	SSF x Near_LoA	-10,2130649	0,016	0,323
CHR6	2E+07	CHR6:19968940	SSF x Near_LoA	-7,80106848	-0,060	0,304
CHR6	2E+07	CHR6:19968953	SSF x Near_LoA	-6,49618258	-0,010	0,316
CHR6	2E+07	CHR6:19968986	SSF x Near_LoA	-5,8606978	0,110	0,296
CHR6	2E+07	CHR6:19973652	SSF x Near_LoA	-8,96675566	0,103	0,316
CHR6	2E+07	CHR6:19973692	SSF x Near_LoA	-7,18581856	0,104	0,307
CHR6	2E+07	CHR6:19992006	SSF x Near_LoA	-12,4186461	0,013	0,297
CHR6	2E+07	CHR6:19992051	SSF x Near_LoA	-9,74344022	0,021	0,297
CHR6	2E+07	CHR6:19992265	SSF x Near_LoA	-11,544387	-0,023	0,296
CHR6	2E+07	CHR6:19997191	SSF x Near_LoA	-8,93571903	0,117	0,307
CHR6	2E+07	CHR6:19997244	SSF x Near_LoA	-10,4850329	-0,074	0,299
CHR6	2E+07	CHR6:19998464	SSF x Near_LoA	-9,12279712	0,070	0,319
CHR6	2E+07	CHR6:19998469	SSF x Near_LoA	-9,52338628	-0,015	0,310
CHR6	2E+07	CHR6:19998472	SSF x Near_LoA	-11,0703422	0,011	0,301

CHR6	2E+07	CHR6:19998581	SSF x Near_LoA	-9,73163318	-0,101	0,308
CHR6	2E+07	CHR6:19998591	SSF x Near_LoA	-10,1791746	0,012	0,331
CHR6	2E+07	CHR6:19998610	SSF x Near_LoA	-11,7290959	0,048	0,313
CHR6	2000045	CHR6:2000045	SSF x Near_LoA	-11,2273932	0,085	0,292
CHR6	2000052	CHR6:2000052	SSF x Near_LoA	-10,8104709	-0,059	0,298
CHR6	2E+07	CHR6:20006309	SSF x Near_LoA	-7,39658656	0,111	0,306
CHR6	2E+07	CHR6:20006524	SSF x Near_LoA	-7,5751576	0,186	0,293
CHR6	2E+07	CHR6:20006609	SSF x Near_LoA	-8,86977028	0,053	0,317
CHR6	2001394	CHR6:2001394	SSF x Near_LoA	-8,82085458	-0,139	0,296
CHR6	2E+07	CHR6:20015253	SSF x Near_LoA	-10,4911704	0,096	0,316
CHR6	2E+07	CHR6:20015254	SSF x Near_LoA	-9,86589382	0,113	0,314
CHR6	2E+07	CHR6:20015266	SSF x Near_LoA	-8,94714447	0,023	0,303
CHR6	2E+07	CHR6:20015304	SSF x Near_LoA	-9,93121629	0,074	0,312
CHR6	2E+07	CHR6:20015309	SSF x Near_LoA	-10,5534185	0,062	0,321
CHR6	2E+07	CHR6:20015319	SSF x Near_LoA	-10,144601	0,031	0,313
CHR6	2E+07	CHR6:20015323	SSF x Near_LoA	-8,72670912	0,029	0,311
CHR6	2E+07	CHR6:20015324	SSF x Near_LoA	-8,91283933	-0,025	0,324
CHR6	2E+07	CHR6:20015395	SSF x Near_LoA	-10,2702276	0,042	0,314
CHR6	2E+07	CHR6:20015405	SSF x Near_LoA	-10,6446339	0,085	0,312
CHR6	2E+07	CHR6:20015440	SSF x Near_LoA	-10,6410634	0,002	0,303
CHR6	2E+07	CHR6:20015451	SSF x Near_LoA	-10,611522	0,025	0,310
CHR6	2E+07	CHR6:20016999	SSF x Near_LoA	-7,1885537	0,059	0,296
CHR6	2E+07	CHR6:20017048	SSF x Near_LoA	-9,00189274	0,094	0,281
CHR6	2E+07	CHR6:20017049	SSF x Near_LoA	-7,90771426	0,125	0,293
CHR6	2E+07	CHR6:20017052	SSF x Near_LoA	-8,5022299	0,113	0,287
CHR6	2E+07	CHR6:20017056	SSF x Near_LoA	-11,0047676	-0,073	0,311
CHR6	2E+07	CHR6:20017089	SSF x Near_LoA	-7,0624443	0,133	0,294
CHR6	2E+07	CHR6:20017100	SSF x Near_LoA	-10,5941913	0,029	0,311
CHR6	2E+07	CHR6:20021407	SSF x Near_LoA	-9,39534676	-0,015	0,313
CHR6	2E+07	CHR6:20021418	SSF x Near_LoA	-10,3236542	0,107	0,311
CHR6	2E+07	CHR6:20021424	SSF x Near_LoA	-10,4954258	0,057	0,291
CHR6	2E+07	CHR6:20021497	SSF x Near_LoA	-7,98019432	-0,014	0,313
CHR6	2E+07	CHR6:20021519	SSF x Near_LoA	-10,9862916	0,063	0,311
CHR6	2E+07	CHR6:20021558	SSF x Near_LoA	-2,11957397	-0,065	0,304
CHR6	2E+07	CHR6:20021585	SSF x Near_LoA	-9,53655566	0,056	0,309
CHR6	2E+07	CHR6:20024219	SSF x Near_LoA	-9,15790303	-0,023	0,307
CHR6	2E+07	CHR6:20028979	SSF x Near_LoA	-9,20729462	0,012	0,298
CHR6	2E+07	CHR6:20029030	SSF x Near_LoA	-7,4343638	-0,024	0,305
CHR6	2E+07	CHR6:20029113	SSF x Near_LoA	-9,52330651	-0,011	0,305
CHR6	2E+07	CHR6:20038682	SSF x Near_LoA	-10,6518865	-0,067	0,314
CHR6	2E+07	CHR6:20038735	SSF x Near_LoA	-8,62787002	0,022	0,312
CHR6	2E+07	CHR6:20038739	SSF x Near_LoA	-7,52722727	0,030	0,310
CHR6	2E+07	CHR6:20038757	SSF x Near_LoA	-8,6957072	-0,034	0,303
CHR6	2E+07	CHR6:20038764	SSF x Near_LoA	-12,2864574	-0,065	0,300
CHR6	2E+07	CHR6:20038797	SSF x Near_LoA	-7,45673268	0,003	0,307
CHR6	2E+07	CHR6:20038798	SSF x Near_LoA	-9,22365508	-0,009	0,312
CHR6	2E+07	CHR6:20053362	SSF x Near_LoA	-10,7512975	0,028	0,303
CHR6	2E+07	CHR6:20075246	SSF x Near_LoA	-8,19960627	-0,061	0,305
CHR6	2E+07	CHR6:20075295	SSF x Near_LoA	-9,56315746	-0,080	0,300
CHR6	2E+07	CHR6:20075309	SSF x Near_LoA	-7,23383314	0,081	0,303
CHR6	2E+07	CHR6:20075367	SSF x Near_LoA	-6,78739549	-0,030	0,303
CHR6	2E+07	CHR6:20081603	SSF x Near_LoA	-10,854892	-0,038	0,300
CHR6	2E+07	CHR6:20081604	SSF x Near_LoA	-10,5120805	-0,002	0,320

CHR6	2E+07	CHR6:20081628	SSF x Near_LoA	-10,2435939	0,061	0,299
CHR6	2E+07	CHR6:20089118	SSF x Near_LoA	-8,71232774	-0,064	0,309
CHR6	2E+07	CHR6:20089132	SSF x Near_LoA	-7,89113216	-0,064	0,311
CHR6	2E+07	CHR6:20089145	SSF x Near_LoA	-8,96326803	-0,049	0,304
CHR6	2E+07	CHR6:20089200	SSF x Near_LoA	-9,06772781	0,072	0,314
CHR6	2009341	CHR6:2009341	SSF x Near_LoA	-7,52404518	0,102	0,303
CHR6	2009373	CHR6:2009373	SSF x Near_LoA	-8,5939897	-0,090	0,297
CHR6	2009434	CHR6:2009434	SSF x Near_LoA	-9,02700381	0,107	0,322
CHR6	2009450	CHR6:2009450	SSF x Near_LoA	-9,98952186	0,089	0,299
CHR6	2E+07	CHR6:20097347	SSF x Near_LoA	-8,71079247	0,081	0,299
CHR6	2E+07	CHR6:20097369	SSF x Near_LoA	-9,75653408	0,013	0,317
CHR6	2011457	CHR6:2011457	SSF x Near_LoA	-8,92588864	0,102	0,300
CHR6	2011536	CHR6:2011536	SSF x Near_LoA	-10,2577566	-0,004	0,315
CHR6	2011560	CHR6:2011560	SSF x Near_LoA	-10,3688323	-0,004	0,320
CHR6	2E+07	CHR6:20121197	SSF x Near_LoA	-10,469044	0,028	0,306
CHR6	2E+07	CHR6:20125488	SSF x Near_LoA	-9,81739786	0,026	0,308
CHR6	2E+07	CHR6:20127790	SSF x Near_LoA	0,28648172	0,058	0,307
CHR6	2E+07	CHR6:20127871	SSF x Near_LoA	-8,66948877	-0,073	0,305
CHR6	2E+07	CHR6:20130445	SSF x Near_LoA	-9,57531733	0,064	0,301
CHR6	2E+07	CHR6:20130476	SSF x Near_LoA	-11,4433195	0,049	0,307
CHR6	2E+07	CHR6:20131131	SSF x Near_LoA	-9,53305451	0,050	0,316
CHR6	2E+07	CHR6:20131229	SSF x Near_LoA	-7,33838479	-0,076	0,285
CHR6	2E+07	CHR6:20134022	SSF x Near_LoA	-10,8344125	-0,030	0,313
CHR6	2E+07	CHR6:20139020	SSF x Near_LoA	-8,86849813	0,073	0,310
CHR6	2E+07	CHR6:20139040	SSF x Near_LoA	-7,43042585	0,059	0,299
CHR6	2E+07	CHR6:20139051	SSF x Near_LoA	-3,79640567	0,038	0,323
CHR6	2E+07	CHR6:20139135	SSF x Near_LoA	-7,53570125	0,079	0,294
CHR6	2E+07	CHR6:20146570	SSF x Near_LoA	-9,10715626	-0,058	0,309
CHR6	2E+07	CHR6:20146578	SSF x Near_LoA	-8,73351463	-0,136	0,299
CHR6	2E+07	CHR6:20146592	SSF x Near_LoA	-6,7718283	0,038	0,304
CHR6	2E+07	CHR6:20146761	SSF x Near_LoA	-9,61230898	0,170	0,303
CHR6	2E+07	CHR6:20149782	SSF x Near_LoA	-9,19501616	0,061	0,314
CHR6	2E+07	CHR6:20149834	SSF x Near_LoA	-6,18129242	0,021	0,314
CHR6	2E+07	CHR6:20149863	SSF x Near_LoA	-6,43552366	-0,171	0,308
CHR6	2015327	CHR6:2015327	SSF x Near_LoA	-10,7526427	-0,023	0,299
CHR6	2E+07	CHR6:20168487	SSF x Near_LoA	-11,0380368	0,075	0,309
CHR6	2E+07	CHR6:20168511	SSF x Near_LoA	-11,3846856	-0,072	0,305
CHR6	2E+07	CHR6:20168552	SSF x Near_LoA	-10,0579263	0,019	0,292
CHR6	2E+07	CHR6:20171023	SSF x Near_LoA	-9,41635989	-0,183	0,303
CHR6	2E+07	CHR6:20171040	SSF x Near_LoA	-9,51587671	-0,131	0,305
CHR6	2E+07	CHR6:20185157	SSF x Near_LoA	-6,89954368	-0,041	0,305
CHR6	2E+07	CHR6:20185248	SSF x Near_LoA	-8,67609283	0,120	0,288
CHR6	2E+07	CHR6:20185249	SSF x Near_LoA	-7,59826752	0,108	0,299
CHR6	2E+07	CHR6:20185251	SSF x Near_LoA	-11,3940459	0,092	0,306
CHR6	2E+07	CHR6:20185320	SSF x Near_LoA	-10,4387343	0,011	0,318
CHR6	2E+07	CHR6:20197594	SSF x Near_LoA	-8,76434279	-0,022	0,309
CHR6	2E+07	CHR6:20197595	SSF x Near_LoA	-10,8366105	-0,067	0,319
CHR6	2E+07	CHR6:20214215	SSF x Near_LoA	-9,75477324	-0,052	0,302
CHR6	2E+07	CHR6:20224695	SSF x Near_LoA	-9,18202448	0,110	0,308
CHR6	2E+07	CHR6:20224699	SSF x Near_LoA	-10,4163732	0,062	0,318
CHR6	2E+07	CHR6:20224727	SSF x Near_LoA	-11,15962	0,021	0,314
CHR6	2E+07	CHR6:20224811	SSF x Near_LoA	-10,7721738	-0,017	0,305
CHR6	2E+07	CHR6:20224866	SSF x Near_LoA	-11,8953454	0,053	0,318

CHR6	2E+07	CHR6:20224886	SSF x Near_LoA	-10,7958629	-0,066	0,311
CHR6	2E+07	CHR6:20224892	SSF x Near_LoA	-10,3929383	0,079	0,302
CHR6	2E+07	CHR6:20227672	SSF x Near_LoA	-11,0255447	0,028	0,318
CHR6	2E+07	CHR6:20237486	SSF x Near_LoA	-7,67695441	0,179	0,288
CHR6	2E+07	CHR6:20237499	SSF x Near_LoA	-9,23862086	0,070	0,294
CHR6	2E+07	CHR6:20237525	SSF x Near_LoA	-9,24442028	-0,034	0,300
CHR6	2E+07	CHR6:20237579	SSF x Near_LoA	-10,794878	0,004	0,319
CHR6	2024393	CHR6:2024393	SSF x Near_LoA	-10,1437761	-0,024	0,320
CHR6	2E+07	CHR6:20247462	SSF x Near_LoA	-7,52577632	0,072	0,309
CHR6	2E+07	CHR6:20247485	SSF x Near_LoA	-8,16249231	-0,041	0,294
CHR6	2E+07	CHR6:20247486	SSF x Near_LoA	-9,58965433	0,019	0,289
CHR6	2E+07	CHR6:20247532	SSF x Near_LoA	-5,00024454	-0,073	0,301
CHR6	2E+07	CHR6:20257116	SSF x Near_LoA	-7,95552744	-0,095	0,324
CHR6	2E+07	CHR6:20257161	SSF x Near_LoA	-10,4548196	0,013	0,297
CHR6	2E+07	CHR6:20278331	SSF x Near_LoA	-10,8133498	0,011	0,318
CHR6	2E+07	CHR6:20278345	SSF x Near_LoA	-9,60405042	-0,006	0,297
CHR6	2E+07	CHR6:20278378	SSF x Near_LoA	-10,0198721	0,045	0,313
CHR6	2E+07	CHR6:20278537	SSF x Near_LoA	-8,1092492	0,000	0,292
CHR6	2E+07	CHR6:20278607	SSF x Near_LoA	-10,5522154	-0,062	0,301
CHR6	2E+07	CHR6:20281467	SSF x Near_LoA	-10,1296838	-0,099	0,321
CHR6	2E+07	CHR6:20281471	SSF x Near_LoA	-7,45984644	0,144	0,307
CHR6	2E+07	CHR6:20281472	SSF x Near_LoA	-4,76438941	0,143	0,313
CHR6	2E+07	CHR6:20281475	SSF x Near_LoA	-6,47771836	0,144	0,302
CHR6	2E+07	CHR6:20281511	SSF x Near_LoA	-9,8422276	-0,046	0,304
CHR6	2E+07	CHR6:20281542	SSF x Near_LoA	-9,87458132	-0,139	0,301
CHR6	2E+07	CHR6:20281589	SSF x Near_LoA	-10,9495881	-0,069	0,309
CHR6	2E+07	CHR6:20281603	SSF x Near_LoA	-9,68335973	-0,013	0,305
CHR6	2E+07	CHR6:20281626	SSF x Near_LoA	-8,14335551	-0,062	0,304
CHR6	2E+07	CHR6:20288532	SSF x Near_LoA	-11,021968	-0,015	0,304
CHR6	2E+07	CHR6:20294252	SSF x Near_LoA	-10,3760195	-0,107	0,297
CHR6	2E+07	CHR6:20294426	SSF x Near_LoA	-8,49774034	0,065	0,305
CHR6	2E+07	CHR6:20294430	SSF x Near_LoA	-6,48417836	0,063	0,315
CHR6	2E+07	CHR6:20294438	SSF x Near_LoA	-9,2438631	0,022	0,310
CHR6	2E+07	CHR6:20294466	SSF x Near_LoA	-8,71218091	-0,039	0,314
CHR6	2E+07	CHR6:20294484	SSF x Near_LoA	-8,8070572	0,112	0,297
CHR6	2E+07	CHR6:20298527	SSF x Near_LoA	-9,47547655	0,007	0,327
CHR6	2E+07	CHR6:20298574	SSF x Near_LoA	-10,820249	0,044	0,313
CHR6	2E+07	CHR6:20298600	SSF x Near_LoA	-6,4785711	0,000	0,311
CHR6	2E+07	CHR6:20298605	SSF x Near_LoA	-5,7226608	0,031	0,309
CHR6	2031842	CHR6:2031842	SSF x Near_LoA	-9,79740141	0,053	0,308
CHR6	2031877	CHR6:2031877	SSF x Near_LoA	-10,2950235	0,053	0,307
CHR6	2031883	CHR6:2031883	SSF x Near_LoA	-10,2446166	-0,003	0,323
CHR6	2031885	CHR6:2031885	SSF x Near_LoA	-6,14762615	0,124	0,307
CHR6	2031916	CHR6:2031916	SSF x Near_LoA	-8,56567611	0,018	0,295
CHR6	2031969	CHR6:2031969	SSF x Near_LoA	-10,4325043	0,027	0,317
CHR6	2032009	CHR6:2032009	SSF x Near_LoA	-10,7184431	0,018	0,306
CHR6	2E+07	CHR6:20328276	SSF x Near_LoA	-9,37791405	-0,006	0,319
CHR6	2E+07	CHR6:20349754	SSF x Near_LoA	-9,0473618	-0,034	0,292
CHR6	2E+07	CHR6:20350717	SSF x Near_LoA	-9,59594507	0,038	0,294
CHR6	2E+07	CHR6:20350765	SSF x Near_LoA	-9,65661886	-0,024	0,313
CHR6	2E+07	CHR6:20364382	SSF x Near_LoA	-6,6805246	-0,014	0,320
CHR6	2E+07	CHR6:20379670	SSF x Near_LoA	-6,79417138	-0,043	0,303
CHR6	2E+07	CHR6:20386558	SSF x Near_LoA	0,51451461	-0,153	0,306

CHR6	2E+07	CHR6:20386641	SSF x Near_LoA	-8,70459529	0,016	0,305
CHR6	2E+07	CHR6:20389985	SSF x Near_LoA	-9,13989915	0,046	0,301
CHR6	2E+07	CHR6:20391135	SSF x Near_LoA	-7,14734991	-0,115	0,301
CHR6	2E+07	CHR6:20391453	SSF x Near_LoA	-11,0036603	-0,098	0,298
CHR6	2E+07	CHR6:20391454	SSF x Near_LoA	-7,03581052	0,057	0,304
CHR6	2E+07	CHR6:20391455	SSF x Near_LoA	-7,65338359	0,013	0,310
CHR6	2E+07	CHR6:20391472	SSF x Near_LoA	-10,5214869	0,000	0,299
CHR6	2E+07	CHR6:20400871	SSF x Near_LoA	-9,4373492	0,045	0,305
CHR6	2E+07	CHR6:20400893	SSF x Near_LoA	-7,32044591	-0,075	0,318
CHR6	2E+07	CHR6:20400932	SSF x Near_LoA	-8,98360974	-0,005	0,311
CHR6	2E+07	CHR6:20400933	SSF x Near_LoA	-9,63147146	0,019	0,321
CHR6	2E+07	CHR6:20400951	SSF x Near_LoA	-7,46891327	-0,031	0,310
CHR6	2E+07	CHR6:20401015	SSF x Near_LoA	-7,92257178	0,031	0,319
CHR6	2E+07	CHR6:20401036	SSF x Near_LoA	-10,2929077	-0,032	0,303
CHR6	2E+07	CHR6:20405178	SSF x Near_LoA	-9,98974115	0,080	0,299
CHR6	2041202	CHR6:2041202	SSF x Near_LoA	-11,1090721	-0,040	0,307
CHR6	2E+07	CHR6:20421278	SSF x Near_LoA	-11,0851418	-0,078	0,295
CHR6	2E+07	CHR6:20425002	SSF x Near_LoA	-3,65648611	0,151	0,304
CHR6	2E+07	CHR6:20425030	SSF x Near_LoA	-9,7157593	-0,012	0,309
CHR6	2E+07	CHR6:20429835	SSF x Near_LoA	-7,92387286	-0,135	0,316
CHR6	2E+07	CHR6:20441838	SSF x Near_LoA	-9,30190208	0,074	0,303
CHR6	2E+07	CHR6:20443883	SSF x Near_LoA	-4,20465292	0,042	0,301
CHR6	2E+07	CHR6:20467562	SSF x Near_LoA	-8,9392592	-0,044	0,308
CHR6	2E+07	CHR6:20481485	SSF x Near_LoA	-9,5799295	0,008	0,318
CHR6	20523210	CHR6:20523210	SSF x Near_LoA	-10,8010565	-0,097	0,306
CHR6	20523310	CHR6:20523310	SSF x Near_LoA	-11,4341389	-0,054	0,307
CHR6	20533472	CHR6:20533472	SSF x Near_LoA	-9,54209495	-0,012	0,315
CHR6	20533546	CHR6:20533546	SSF x Near_LoA	-8,65594234	0,040	0,287
CHR6	20533617	CHR6:20533617	SSF x Near_LoA	-8,09443115	0,048	0,304
CHR6	20534999	CHR6:20534999	SSF x Near_LoA	-8,41476517	-0,034	0,316
CHR6	20535046	CHR6:20535046	SSF x Near_LoA	-8,48177408	-0,018	0,311
CHR6	20535146	CHR6:20535146	SSF x Near_LoA	-9,22823755	0,004	0,306
CHR6	20538929	CHR6:20538929	SSF x Near_LoA	-9,83262573	0,026	0,299
CHR6	20540436	CHR6:20540436	SSF x Near_LoA	-8,10153838	-0,087	0,299
CHR6	20572786	CHR6:20572786	SSF x Near_LoA	-9,34664052	-0,030	0,315
CHR6	20572915	CHR6:20572915	SSF x Near_LoA	-10,0592804	0,036	0,315
CHR6	20572944	CHR6:20572944	SSF x Near_LoA	-10,9498043	-0,037	0,316
CHR6	20585333	CHR6:20585333	SSF x Near_LoA	-6,81699762	0,130	0,310
CHR6	20585559	CHR6:20585559	SSF x Near_LoA	-0,83292192	0,224	0,289
CHR6	20593683	CHR6:20593683	SSF x Near_LoA	-9,02918927	0,032	0,313
CHR6	20593720	CHR6:20593720	SSF x Near_LoA	-6,15393841	-0,046	0,307
CHR6	20593747	CHR6:20593747	SSF x Near_LoA	-9,12746181	-0,006	0,316
CHR6	20593766	CHR6:20593766	SSF x Near_LoA	-9,54157322	0,022	0,309
CHR6	20593839	CHR6:20593839	SSF x Near_LoA	-9,5003036	0,043	0,305
CHR6	20601348	CHR6:20601348	SSF x Near_LoA	-8,72346391	0,082	0,309
CHR6	20601566	CHR6:20601566	SSF x Near_LoA	-5,60660249	0,082	0,319
CHR6	20603687	CHR6:20603687	SSF x Near_LoA	-9,43404281	-0,020	0,302
CHR6	20603709	CHR6:20603709	SSF x Near_LoA	-7,26192916	-0,132	0,293
CHR6	20603730	CHR6:20603730	SSF x Near_LoA	-7,73692969	-0,097	0,299
CHR6	20603732	CHR6:20603732	SSF x Near_LoA	-7,22412122	-0,092	0,290
CHR6	20603736	CHR6:20603736	SSF x Near_LoA	-7,90026986	-0,100	0,302
CHR6	20603746	CHR6:20603746	SSF x Near_LoA	-8,01191523	-0,107	0,300
CHR6	20603805	CHR6:20603805	SSF x Near_LoA	-6,59906494	-0,078	0,289

CHR6	20603806	CHR6:20603806	SSF x Near_LoA	-11,4185007	0,043	0,313
CHR6	20605442	CHR6:20605442	SSF x Near_LoA	-10,6005097	-0,049	0,310
CHR6	20605616	CHR6:20605616	SSF x Near_LoA	-8,65135496	0,003	0,300
CHR6	20622231	CHR6:20622231	SSF x Near_LoA	-8,0435755	-0,038	0,331
CHR6	20622238	CHR6:20622238	SSF x Near_LoA	-9,35983937	-0,063	0,303
CHR6	20622299	CHR6:20622299	SSF x Near_LoA	-10,6787775	0,019	0,309
CHR6	20622421	CHR6:20622421	SSF x Near_LoA	-8,76626531	-0,018	0,312
CHR6	20622424	CHR6:20622424	SSF x Near_LoA	-8,73939228	-0,020	0,308
CHR6	20622431	CHR6:20622431	SSF x Near_LoA	-6,88251356	-0,007	0,315
CHR6	20622446	CHR6:20622446	SSF x Near_LoA	-9,1518052	-0,161	0,303
CHR6	20631119	CHR6:20631119	SSF x Near_LoA	-9,51152367	0,082	0,293
CHR6	20638687	CHR6:20638687	SSF x Near_LoA	-8,45721321	-0,068	0,304
CHR6	20638698	CHR6:20638698	SSF x Near_LoA	-9,88700531	-0,046	0,303
CHR6	20638739	CHR6:20638739	SSF x Near_LoA	-11,0965219	0,055	0,302
CHR6	20638744	CHR6:20638744	SSF x Near_LoA	-8,23180494	-0,055	0,313
CHR6	20638792	CHR6:20638792	SSF x Near_LoA	-9,74106864	0,032	0,318
CHR6	20638841	CHR6:20638841	SSF x Near_LoA	-7,23020398	0,063	0,310
CHR6	20638858	CHR6:20638858	SSF x Near_LoA	-9,78121506	0,079	0,302
CHR6	20638869	CHR6:20638869	SSF x Near_LoA	-8,90100631	0,058	0,307
CHR6	20638949	CHR6:20638949	SSF x Near_LoA	-9,46126133	-0,046	0,309
CHR6	20646374	CHR6:20646374	SSF x Near_LoA	-9,82428037	-0,077	0,303
CHR6	20646433	CHR6:20646433	SSF x Near_LoA	-8,62323976	-0,091	0,307
CHR6	20646469	CHR6:20646469	SSF x Near_LoA	-11,2866573	0,011	0,299
CHR6	20653909	CHR6:20653909	SSF x Near_LoA	-9,98981189	0,042	0,312
CHR6	20653920	CHR6:20653920	SSF x Near_LoA	-10,1605505	-0,012	0,300
CHR6	20653985	CHR6:20653985	SSF x Near_LoA	-8,77699345	0,096	0,309
CHR6	20654949	CHR6:20654949	SSF x Near_LoA	-8,21742812	0,130	0,294
CHR6	20654974	CHR6:20654974	SSF x Near_LoA	-8,10192055	-0,146	0,304
CHR6	20654977	CHR6:20654977	SSF x Near_LoA	-3,04326411	0,084	0,295
CHR6	20654983	CHR6:20654983	SSF x Near_LoA	-4,67413616	0,101	0,303
CHR6	20655043	CHR6:20655043	SSF x Near_LoA	-9,34111282	0,060	0,307
CHR6	20655050	CHR6:20655050	SSF x Near_LoA	-8,34098759	0,022	0,306
CHR6	20655064	CHR6:20655064	SSF x Near_LoA	-7,1303128	0,134	0,302
CHR6	20655098	CHR6:20655098	SSF x Near_LoA	-8,49905056	-0,026	0,308
CHR6	20655106	CHR6:20655106	SSF x Near_LoA	-7,01778518	-0,022	0,315
CHR6	20663888	CHR6:20663888	SSF x Near_LoA	-7,74619276	0,173	0,293
CHR6	20669232	CHR6:20669232	SSF x Near_LoA	-10,7912137	0,020	0,321
CHR6	20680645	CHR6:20680645	SSF x Near_LoA	-8,23984809	0,137	0,295
CHR6	20680823	CHR6:20680823	SSF x Near_LoA	-9,905131	-0,079	0,314
CHR6	20680824	CHR6:20680824	SSF x Near_LoA	-8,01627156	-0,021	0,308
CHR6	20682249	CHR6:20682249	SSF x Near_LoA	-9,60274661	0,093	0,310
CHR6	20682309	CHR6:20682309	SSF x Near_LoA	-8,73594447	0,064	0,316
CHR6	20682344	CHR6:20682344	SSF x Near_LoA	-7,02622408	0,082	0,307
CHR6	20682351	CHR6:20682351	SSF x Near_LoA	-9,75415091	-0,147	0,305
CHR6	20697577	CHR6:20697577	SSF x Near_LoA	-5,83611578	0,165	0,304
CHR6	20697639	CHR6:20697639	SSF x Near_LoA	-9,90187759	0,104	0,298
CHR6	20697667	CHR6:20697667	SSF x Near_LoA	-2,47334733	0,199	0,302
CHR6	2070114	CHR6:2070114	SSF x Near_LoA	-10,8321682	-0,099	0,303
CHR6	20706522	CHR6:20706522	SSF x Near_LoA	-7,8124148	0,131	0,312
CHR6	20706573	CHR6:20706573	SSF x Near_LoA	-10,3964289	0,023	0,308
CHR6	20706591	CHR6:20706591	SSF x Near_LoA	-10,9679702	0,006	0,312
CHR6	20706597	CHR6:20706597	SSF x Near_LoA	-9,47940538	-0,046	0,315
CHR6	20706705	CHR6:20706705	SSF x Near_LoA	-7,92685704	-0,087	0,307

CHR6	20706769	CHR6:20706769	SSF x Near_LoA	-9,75183493	-0,048	0,307
CHR6	20721527	CHR6:20721527	SSF x Near_LoA	-10,761855	-0,061	0,315
CHR6	20721603	CHR6:20721603	SSF x Near_LoA	-5,39055454	0,090	0,304
CHR6	20727996	CHR6:20727996	SSF x Near_LoA	-7,12666047	0,091	0,306
CHR6	20748426	CHR6:20748426	SSF x Near_LoA	-7,80810567	-0,125	0,306
CHR6	20748443	CHR6:20748443	SSF x Near_LoA	-11,8749733	0,004	0,311
CHR6	20753007	CHR6:20753007	SSF x Near_LoA	-7,30979664	0,088	0,302
CHR6	207594	CHR6:207594	SSF x Near_LoA	-8,40278392	0,102	0,304
CHR6	20763147	CHR6:20763147	SSF x Near_LoA	-8,77654249	0,027	0,300
CHR6	207659	CHR6:207659	SSF x Near_LoA	-8,70518861	0,088	0,308
CHR6	20772254	CHR6:20772254	SSF x Near_LoA	-10,4309377	-0,029	0,319
CHR6	20772273	CHR6:20772273	SSF x Near_LoA	-9,39432437	0,042	0,322
CHR6	2077290	CHR6:2077290	SSF x Near_LoA	-11,0951058	-0,029	0,298
CHR6	2077407	CHR6:2077407	SSF x Near_LoA	-8,46871065	-0,063	0,303
CHR6	2077423	CHR6:2077423	SSF x Near_LoA	-8,07881085	0,062	0,304
CHR6	20781488	CHR6:20781488	SSF x Near_LoA	-6,73662751	-0,143	0,315
CHR6	20781635	CHR6:20781635	SSF x Near_LoA	-6,70077444	0,030	0,300
CHR6	20781639	CHR6:20781639	SSF x Near_LoA	-10,6339605	0,110	0,314
CHR6	20790851	CHR6:20790851	SSF x Near_LoA	-10,7628153	-0,080	0,308
CHR6	20791115	CHR6:20791115	SSF x Near_LoA	-9,17559354	-0,025	0,305
CHR6	20791327	CHR6:20791327	SSF x Near_LoA	-10,4741218	-0,026	0,310
CHR6	2079324	CHR6:2079324	SSF x Near_LoA	-8,66990757	0,074	0,316
CHR6	20800449	CHR6:20800449	SSF x Near_LoA	-11,8469657	-0,003	0,305
CHR6	20800452	CHR6:20800452	SSF x Near_LoA	-10,1464274	-0,010	0,316
CHR6	20800528	CHR6:20800528	SSF x Near_LoA	-8,69887069	-0,011	0,312
CHR6	20801503	CHR6:20801503	SSF x Near_LoA	-10,3563205	-0,039	0,306
CHR6	20801515	CHR6:20801515	SSF x Near_LoA	-9,5220616	0,030	0,323
CHR6	20801518	CHR6:20801518	SSF x Near_LoA	-10,2294957	0,004	0,317
CHR6	20801523	CHR6:20801523	SSF x Near_LoA	-9,84433471	0,071	0,307
CHR6	20804847	CHR6:20804847	SSF x Near_LoA	-8,81036826	-0,059	0,305
CHR6	20813405	CHR6:20813405	SSF x Near_LoA	-10,6066938	-0,032	0,309
CHR6	20813455	CHR6:20813455	SSF x Near_LoA	-10,7882299	-0,037	0,303
CHR6	20813463	CHR6:20813463	SSF x Near_LoA	-7,78610085	0,130	0,309
CHR6	20813479	CHR6:20813479	SSF x Near_LoA	-9,72765733	-0,133	0,304
CHR6	20813513	CHR6:20813513	SSF x Near_LoA	-10,4097656	-0,113	0,302
CHR6	20817485	CHR6:20817485	SSF x Near_LoA	-10,2389347	0,024	0,300
CHR6	20819123	CHR6:20819123	SSF x Near_LoA	-10,5573014	0,026	0,311
CHR6	20819152	CHR6:20819152	SSF x Near_LoA	-8,38737426	0,043	0,308
CHR6	20823927	CHR6:20823927	SSF x Near_LoA	-7,84870664	-0,118	0,298
CHR6	20823928	CHR6:20823928	SSF x Near_LoA	-9,65873925	-0,021	0,305
CHR6	20823945	CHR6:20823945	SSF x Near_LoA	-10,154045	-0,096	0,305
CHR6	20826016	CHR6:20826016	SSF x Near_LoA	-8,10594034	-0,096	0,301
CHR6	20826252	CHR6:20826252	SSF x Near_LoA	-8,47236035	0,135	0,292
CHR6	20826324	CHR6:20826324	SSF x Near_LoA	-8,81656315	-0,066	0,320
CHR6	20826360	CHR6:20826360	SSF x Near_LoA	-11,9423708	-0,047	0,310
CHR6	20832147	CHR6:20832147	SSF x Near_LoA	-10,341909	0,017	0,312
CHR6	20832153	CHR6:20832153	SSF x Near_LoA	-8,30997736	-0,154	0,302
CHR6	20832163	CHR6:20832163	SSF x Near_LoA	-9,02834994	-0,011	0,315
CHR6	20832243	CHR6:20832243	SSF x Near_LoA	-6,13334134	0,011	0,313
CHR6	20832254	CHR6:20832254	SSF x Near_LoA	-9,20059413	-0,031	0,307
CHR6	20832272	CHR6:20832272	SSF x Near_LoA	-8,55113759	-0,007	0,311
CHR6	20832292	CHR6:20832292	SSF x Near_LoA	-9,27850209	-0,026	0,318
CHR6	20832310	CHR6:20832310	SSF x Near_LoA	-8,75764608	0,002	0,304

CHR6	20836398	CHR6:20836398	SSF x Near_LoA	-9,89086471	0,033	0,304
CHR6	20836425	CHR6:20836425	SSF x Near_LoA	-9,63475726	0,028	0,302
CHR6	20836478	CHR6:20836478	SSF x Near_LoA	-5,53687565	-0,119	0,295
CHR6	20836483	CHR6:20836483	SSF x Near_LoA	-8,7829963	-0,112	0,307
CHR6	20836486	CHR6:20836486	SSF x Near_LoA	-9,13494221	0,092	0,313
CHR6	20836533	CHR6:20836533	SSF x Near_LoA	-9,1832598	-0,141	0,308
CHR6	20843319	CHR6:20843319	SSF x Near_LoA	-8,18402117	-0,056	0,307
CHR6	20843398	CHR6:20843398	SSF x Near_LoA	-4,71906714	-0,110	0,316
CHR6	20843402	CHR6:20843402	SSF x Near_LoA	-9,46154675	0,050	0,310
CHR6	20853810	CHR6:20853810	SSF x Near_LoA	-4,97208055	-0,067	0,329
CHR6	20854016	CHR6:20854016	SSF x Near_LoA	-8,43655375	-0,060	0,315
CHR6	20858240	CHR6:20858240	SSF x Near_LoA	-7,7993234	0,137	0,305
CHR6	20858289	CHR6:20858289	SSF x Near_LoA	-6,15111376	0,130	0,311
CHR6	20858307	CHR6:20858307	SSF x Near_LoA	-8,17104183	0,113	0,306
CHR6	20858352	CHR6:20858352	SSF x Near_LoA	-12,0784386	0,002	0,295
CHR6	20858404	CHR6:20858404	SSF x Near_LoA	-11,7557487	0,047	0,305
CHR6	20860240	CHR6:20860240	SSF x Near_LoA	-8,91954034	0,008	0,326
CHR6	20860287	CHR6:20860287	SSF x Near_LoA	-7,9270783	0,133	0,300
CHR6	20860715	CHR6:20860715	SSF x Near_LoA	-9,38822497	0,064	0,305
CHR6	20860721	CHR6:20860721	SSF x Near_LoA	-10,9987538	0,003	0,301
CHR6	20863262	CHR6:20863262	SSF x Near_LoA	-9,82880095	0,131	0,298
CHR6	20870339	CHR6:20870339	SSF x Near_LoA	-0,94365193	-0,066	0,301
CHR6	20870385	CHR6:20870385	SSF x Near_LoA	-9,75817433	-0,049	0,296
CHR6	20870444	CHR6:20870444	SSF x Near_LoA	-10,7618196	-0,003	0,319
CHR6	20870479	CHR6:20870479	SSF x Near_LoA	-9,40086484	-0,066	0,301
CHR6	20870484	CHR6:20870484	SSF x Near_LoA	-10,4349386	0,007	0,313
CHR6	20874470	CHR6:20874470	SSF x Near_LoA	-3,77316225	-0,187	0,297
CHR6	20883430	CHR6:20883430	SSF x Near_LoA	-3,47696108	-0,087	0,315
CHR6	20883433	CHR6:20883433	SSF x Near_LoA	-7,79700204	-0,074	0,307
CHR6	20883468	CHR6:20883468	SSF x Near_LoA	-8,04654556	-0,012	0,313
CHR6	20883558	CHR6:20883558	SSF x Near_LoA	-11,6247766	0,061	0,313
CHR6	20883567	CHR6:20883567	SSF x Near_LoA	-11,3887883	0,063	0,307
CHR6	20883586	CHR6:20883586	SSF x Near_LoA	-8,55137873	-0,005	0,317
CHR6	20883612	CHR6:20883612	SSF x Near_LoA	-9,39211536	0,023	0,312
CHR6	20883650	CHR6:20883650	SSF x Near_LoA	-10,5628078	0,059	0,300
CHR6	20883672	CHR6:20883672	SSF x Near_LoA	-10,5470157	-0,049	0,316
CHR6	20885508	CHR6:20885508	SSF x Near_LoA	-10,288003	0,094	0,292
CHR6	20885547	CHR6:20885547	SSF x Near_LoA	-8,12948151	-0,033	0,297
CHR6	20885550	CHR6:20885550	SSF x Near_LoA	-3,96201331	-0,171	0,299
CHR6	20885551	CHR6:20885551	SSF x Near_LoA	-7,81504512	-0,143	0,300
CHR6	20885563	CHR6:20885563	SSF x Near_LoA	-9,45676227	-0,131	0,309
CHR6	20885679	CHR6:20885679	SSF x Near_LoA	-8,21422654	-0,131	0,274
CHR6	20895412	CHR6:20895412	SSF x Near_LoA	-8,32002993	-0,068	0,301
CHR6	20900059	CHR6:20900059	SSF x Near_LoA	-9,52029901	-0,079	0,299
CHR6	20900359	CHR6:20900359	SSF x Near_LoA	-9,17125596	-0,067	0,299
CHR6	20901054	CHR6:20901054	SSF x Near_LoA	-10,3645114	0,069	0,298
CHR6	20901180	CHR6:20901180	SSF x Near_LoA	-10,715097	-0,020	0,307
CHR6	20902938	CHR6:20902938	SSF x Near_LoA	1,10882781	-0,140	0,309
CHR6	20902945	CHR6:20902945	SSF x Near_LoA	-9,97323103	0,042	0,307
CHR6	20903043	CHR6:20903043	SSF x Near_LoA	-10,5065947	-0,075	0,301
CHR6	20913903	CHR6:20913903	SSF x Near_LoA	-8,87862589	-0,082	0,300
CHR6	20913992	CHR6:20913992	SSF x Near_LoA	-10,3964059	-0,080	0,307
CHR6	20914010	CHR6:20914010	SSF x Near_LoA	-11,8916232	-0,047	0,313

CHR6	20914020	CHR6:20914020	SSF x Near_LoA	-7,82198403	-0,075	0,315
CHR6	20914059	CHR6:20914059	SSF x Near_LoA	-8,07171303	0,017	0,312
CHR6	20914120	CHR6:20914120	SSF x Near_LoA	-7,36916613	0,122	0,300
CHR6	20914217	CHR6:20914217	SSF x Near_LoA	-7,84963958	-0,077	0,306
CHR6	20925189	CHR6:20925189	SSF x Near_LoA	-7,98252028	-0,051	0,304
CHR6	20933559	CHR6:20933559	SSF x Near_LoA	-6,4767093	-0,041	0,310
CHR6	20933603	CHR6:20933603	SSF x Near_LoA	-9,86599103	-0,025	0,321
CHR6	20933608	CHR6:20933608	SSF x Near_LoA	-5,39844519	0,078	0,304
CHR6	20935596	CHR6:20935596	SSF x Near_LoA	-10,4133101	-0,071	0,311
CHR6	20935619	CHR6:20935619	SSF x Near_LoA	-8,89702633	0,041	0,315
CHR6	20938204	CHR6:20938204	SSF x Near_LoA	-11,2327842	0,028	0,313
CHR6	20947770	CHR6:20947770	SSF x Near_LoA	-9,45940367	0,023	0,307
CHR6	20947811	CHR6:20947811	SSF x Near_LoA	-9,28914076	-0,139	0,294
CHR6	20947828	CHR6:20947828	SSF x Near_LoA	-9,3729083	0,025	0,310
CHR6	2094881	CHR6:2094881	SSF x Near_LoA	-11,241146	-0,054	0,304
CHR6	2094917	CHR6:2094917	SSF x Near_LoA	-11,2473289	-0,025	0,301
CHR6	20953963	CHR6:20953963	SSF x Near_LoA	-6,17160933	0,105	0,297
CHR6	20954009	CHR6:20954009	SSF x Near_LoA	-9,16727511	0,123	0,303
CHR6	20962599	CHR6:20962599	SSF x Near_LoA	-9,19434588	-0,124	0,303
CHR6	20962615	CHR6:20962615	SSF x Near_LoA	-7,44029547	-0,151	0,285
CHR6	20962636	CHR6:20962636	SSF x Near_LoA	-7,9026857	-0,191	0,280
CHR6	20962652	CHR6:20962652	SSF x Near_LoA	-5,44456204	-0,158	0,297
CHR6	20962673	CHR6:20962673	SSF x Near_LoA	-8,13487254	0,114	0,303
CHR6	20962674	CHR6:20962674	SSF x Near_LoA	-8,61387465	-0,014	0,305
CHR6	20962794	CHR6:20962794	SSF x Near_LoA	-8,83840812	-0,096	0,297
CHR6	20962799	CHR6:20962799	SSF x Near_LoA	-6,71800886	0,157	0,307
CHR6	20962839	CHR6:20962839	SSF x Near_LoA	-9,58578711	0,021	0,310
CHR6	20971993	CHR6:20971993	SSF x Near_LoA	-6,04643716	-0,163	0,288
CHR6	20972134	CHR6:20972134	SSF x Near_LoA	-6,27948393	-0,163	0,300
CHR6	20973157	CHR6:20973157	SSF x Near_LoA	-9,49882147	0,040	0,309
CHR6	20982518	CHR6:20982518	SSF x Near_LoA	-9,52913601	0,153	0,285
CHR6	20985247	CHR6:20985247	SSF x Near_LoA	-7,73951354	0,064	0,323
CHR6	20985411	CHR6:20985411	SSF x Near_LoA	-9,36255776	0,089	0,299
CHR6	20985469	CHR6:20985469	SSF x Near_LoA	-8,66224785	0,133	0,288
CHR6	21001543	CHR6:21001543	SSF x Near_LoA	-8,46190327	-0,069	0,303
CHR6	21001617	CHR6:21001617	SSF x Near_LoA	-7,01531448	0,075	0,315
CHR6	2101355	CHR6:2101355	SSF x Near_LoA	-8,23733599	-0,084	0,302
CHR6	21016326	CHR6:21016326	SSF x Near_LoA	-4,923933	0,141	0,297
CHR6	21016332	CHR6:21016332	SSF x Near_LoA	-1,28236616	0,056	0,321
CHR6	21017009	CHR6:21017009	SSF x Near_LoA	-8,74498736	0,023	0,310
CHR6	21019662	CHR6:21019662	SSF x Near_LoA	-10,4167092	-0,001	0,308
CHR6	21019730	CHR6:21019730	SSF x Near_LoA	-11,3587784	-0,095	0,305
CHR6	21019818	CHR6:21019818	SSF x Near_LoA	-10,1695902	-0,062	0,306
CHR6	21022154	CHR6:21022154	SSF x Near_LoA	-9,81435773	-0,046	0,312
CHR6	21030551	CHR6:21030551	SSF x Near_LoA	-9,55283475	0,029	0,309
CHR6	21030552	CHR6:21030552	SSF x Near_LoA	-8,95326102	-0,031	0,313
CHR6	21030564	CHR6:21030564	SSF x Near_LoA	-6,80897937	-0,033	0,325
CHR6	21030589	CHR6:21030589	SSF x Near_LoA	-7,60379939	-0,095	0,320
CHR6	21040803	CHR6:21040803	SSF x Near_LoA	-9,74508646	-0,007	0,305
CHR6	21040806	CHR6:21040806	SSF x Near_LoA	-8,91049174	-0,001	0,294
CHR6	21040807	CHR6:21040807	SSF x Near_LoA	-10,7289682	-0,012	0,301
CHR6	21040808	CHR6:21040808	SSF x Near_LoA	-11,0034521	-0,011	0,300
CHR6	21061342	CHR6:21061342	SSF x Near_LoA	-8,20994022	0,067	0,302

CHR6	21085586	CHR6:21085586	SSF x Near_LoA	-9,75369056	0,030	0,313
CHR6	21086281	CHR6:21086281	SSF x Near_LoA	-7,7982452	-0,060	0,324
CHR6	21087767	CHR6:21087767	SSF x Near_LoA	-9,24778228	-0,043	0,291
CHR6	21098432	CHR6:21098432	SSF x Near_LoA	-9,6758315	0,089	0,315
CHR6	21099776	CHR6:21099776	SSF x Near_LoA	-10,3131304	-0,132	0,299
CHR6	21106349	CHR6:21106349	SSF x Near_LoA	-3,79165878	0,250	0,286
CHR6	21106529	CHR6:21106529	SSF x Near_LoA	-8,62148951	-0,075	0,297
CHR6	21111180	CHR6:21111180	SSF x Near_LoA	-10,0810033	0,025	0,309
CHR6	21111193	CHR6:21111193	SSF x Near_LoA	-7,36555857	0,002	0,290
CHR6	21111265	CHR6:21111265	SSF x Near_LoA	-11,1608757	0,011	0,311
CHR6	21111307	CHR6:21111307	SSF x Near_LoA	-9,14006389	0,072	0,314
CHR6	21111389	CHR6:21111389	SSF x Near_LoA	-10,1065909	0,049	0,315
CHR6	21112679	CHR6:21112679	SSF x Near_LoA	-7,93183296	0,022	0,322
CHR6	21112810	CHR6:21112810	SSF x Near_LoA	-9,31802609	0,014	0,299
CHR6	21113909	CHR6:21113909	SSF x Near_LoA	-10,5299748	-0,137	0,300
CHR6	21113920	CHR6:21113920	SSF x Near_LoA	-8,80901334	0,002	0,317
CHR6	21114502	CHR6:21114502	SSF x Near_LoA	-10,8351987	-0,069	0,305
CHR6	21123407	CHR6:21123407	SSF x Near_LoA	-10,3793486	-0,107	0,301
CHR6	21131255	CHR6:21131255	SSF x Near_LoA	-9,27388078	0,003	0,301
CHR6	21131284	CHR6:21131284	SSF x Near_LoA	-10,8208313	0,063	0,304
CHR6	21131317	CHR6:21131317	SSF x Near_LoA	-8,15360447	0,039	0,314
CHR6	21131473	CHR6:21131473	SSF x Near_LoA	-8,75854458	0,078	0,309
CHR6	21134703	CHR6:21134703	SSF x Near_LoA	-8,67812709	0,024	0,316
CHR6	21134764	CHR6:21134764	SSF x Near_LoA	-8,38780449	0,098	0,304
CHR6	21141308	CHR6:21141308	SSF x Near_LoA	-10,8212446	-0,076	0,307
CHR6	21141324	CHR6:21141324	SSF x Near_LoA	-9,98761782	0,009	0,316
CHR6	21141362	CHR6:21141362	SSF x Near_LoA	-9,07473977	0,006	0,308
CHR6	21153171	CHR6:21153171	SSF x Near_LoA	-6,2370706	0,056	0,299
CHR6	2116118	CHR6:2116118	SSF x Near_LoA	-11,125073	0,065	0,306
CHR6	2116128	CHR6:2116128	SSF x Near_LoA	-9,07180766	0,055	0,307
CHR6	2116129	CHR6:2116129	SSF x Near_LoA	-7,79492439	0,004	0,305
CHR6	2116144	CHR6:2116144	SSF x Near_LoA	-8,8071038	0,084	0,307
CHR6	2116223	CHR6:2116223	SSF x Near_LoA	-11,0663231	0,089	0,297
CHR6	2116225	CHR6:2116225	SSF x Near_LoA	-8,24948563	0,084	0,301
CHR6	2116236	CHR6:2116236	SSF x Near_LoA	-10,3150853	0,061	0,316
CHR6	2116300	CHR6:2116300	SSF x Near_LoA	-9,14993415	-0,003	0,303
CHR6	21168493	CHR6:21168493	SSF x Near_LoA	-8,05821034	0,087	0,311
CHR6	21177747	CHR6:21177747	SSF x Near_LoA	-9,0720152	-0,088	0,322
CHR6	21180686	CHR6:21180686	SSF x Near_LoA	-11,0786703	0,054	0,314
CHR6	21180712	CHR6:21180712	SSF x Near_LoA	-9,1110431	-0,055	0,301
CHR6	21180713	CHR6:21180713	SSF x Near_LoA	-10,8875005	0,001	0,298
CHR6	21180719	CHR6:21180719	SSF x Near_LoA	-9,33788075	-0,021	0,319
CHR6	21180727	CHR6:21180727	SSF x Near_LoA	-8,19584513	-0,049	0,303
CHR6	21180734	CHR6:21180734	SSF x Near_LoA	-9,26894102	-0,033	0,317
CHR6	21180803	CHR6:21180803	SSF x Near_LoA	-8,23882681	0,130	0,311
CHR6	21189704	CHR6:21189704	SSF x Near_LoA	-8,42426186	0,029	0,301
CHR6	21190411	CHR6:21190411	SSF x Near_LoA	-8,9404296	0,042	0,307
CHR6	21190447	CHR6:21190447	SSF x Near_LoA	-10,5334014	0,054	0,315
CHR6	21190474	CHR6:21190474	SSF x Near_LoA	-8,6605387	-0,009	0,317
CHR6	21194175	CHR6:21194175	SSF x Near_LoA	-9,62999834	-0,070	0,305
CHR6	21194196	CHR6:21194196	SSF x Near_LoA	-8,57553341	0,068	0,309
CHR6	21194197	CHR6:21194197	SSF x Near_LoA	-7,64700866	0,018	0,301
CHR6	21217063	CHR6:21217063	SSF x Near_LoA	-8,31175357	0,042	0,320

CHR6	21217064	CHR6:21217064	SSF x Near_LoA	-9,2869234	-0,021	0,291
CHR6	21217075	CHR6:21217075	SSF x Near_LoA	-9,06315253	0,029	0,309
CHR6	21217134	CHR6:21217134	SSF x Near_LoA	-8,09136363	0,088	0,309
CHR6	21217149	CHR6:21217149	SSF x Near_LoA	-8,18262221	0,024	0,312
CHR6	21217153	CHR6:21217153	SSF x Near_LoA	-10,169334	0,023	0,308
CHR6	21217168	CHR6:21217168	SSF x Near_LoA	-8,87844817	-0,045	0,309
CHR6	21217172	CHR6:21217172	SSF x Near_LoA	-5,26902354	-0,100	0,310
CHR6	21217174	CHR6:21217174	SSF x Near_LoA	-8,6162292	0,064	0,301
CHR6	21217178	CHR6:21217178	SSF x Near_LoA	-7,88718074	0,057	0,308
CHR6	21217187	CHR6:21217187	SSF x Near_LoA	-9,43383665	0,107	0,314
CHR6	21225751	CHR6:21225751	SSF x Near_LoA	-10,5326132	0,052	0,311
CHR6	21225753	CHR6:21225753	SSF x Near_LoA	-9,96632444	0,046	0,310
CHR6	21225761	CHR6:21225761	SSF x Near_LoA	-6,93498128	0,113	0,310
CHR6	21225834	CHR6:21225834	SSF x Near_LoA	-8,66630644	0,094	0,318
CHR6	21225843	CHR6:21225843	SSF x Near_LoA	-10,8422858	0,093	0,314
CHR6	21225908	CHR6:21225908	SSF x Near_LoA	-10,9387939	0,010	0,315
CHR6	21225915	CHR6:21225915	SSF x Near_LoA	-11,7090136	-0,073	0,297
CHR6	21225929	CHR6:21225929	SSF x Near_LoA	-9,01743573	0,005	0,311
CHR6	21234135	CHR6:21234135	SSF x Near_LoA	-7,68788012	0,029	0,296
CHR6	21234156	CHR6:21234156	SSF x Near_LoA	-9,89724552	0,037	0,296
CHR6	21234181	CHR6:21234181	SSF x Near_LoA	-9,62113135	-0,077	0,307
CHR6	21234190	CHR6:21234190	SSF x Near_LoA	-10,2167704	0,025	0,318
CHR6	21234220	CHR6:21234220	SSF x Near_LoA	-8,80141783	-0,074	0,298
CHR6	21234228	CHR6:21234228	SSF x Near_LoA	-7,00799087	0,048	0,311
CHR6	21234229	CHR6:21234229	SSF x Near_LoA	-8,01289841	0,012	0,312
CHR6	21236842	CHR6:21236842	SSF x Near_LoA	-8,44257519	-0,054	0,319
CHR6	21236966	CHR6:21236966	SSF x Near_LoA	-6,73139096	0,046	0,303
CHR6	21237007	CHR6:21237007	SSF x Near_LoA	-8,79726195	0,050	0,309
CHR6	2123759	CHR6:2123759	SSF x Near_LoA	-9,7743993	0,136	0,308
CHR6	21241257	CHR6:21241257	SSF x Near_LoA	-9,27589084	-0,006	0,308
CHR6	21241398	CHR6:21241398	SSF x Near_LoA	-10,792406	0,021	0,291
CHR6	2125432	CHR6:2125432	SSF x Near_LoA	-8,86047052	0,013	0,316
CHR6	2125440	CHR6:2125440	SSF x Near_LoA	-10,9502034	0,104	0,294
CHR6	21261517	CHR6:21261517	SSF x Near_LoA	-10,0334565	0,006	0,315
CHR6	21261526	CHR6:21261526	SSF x Near_LoA	-11,5181691	0,024	0,305
CHR6	21261541	CHR6:21261541	SSF x Near_LoA	-11,2190537	0,017	0,314
CHR6	21261545	CHR6:21261545	SSF x Near_LoA	-11,0235437	0,045	0,305
CHR6	21261580	CHR6:21261580	SSF x Near_LoA	-10,2073511	0,067	0,292
CHR6	21261581	CHR6:21261581	SSF x Near_LoA	-10,3395128	0,076	0,294
CHR6	21261655	CHR6:21261655	SSF x Near_LoA	-8,50437186	-0,107	0,307
CHR6	21266918	CHR6:21266918	SSF x Near_LoA	-7,26096685	-0,119	0,301
CHR6	21266946	CHR6:21266946	SSF x Near_LoA	-11,29041	-0,025	0,316
CHR6	21266947	CHR6:21266947	SSF x Near_LoA	-11,6360473	-0,041	0,296
CHR6	21267028	CHR6:21267028	SSF x Near_LoA	-9,46266015	0,021	0,308
CHR6	21299764	CHR6:21299764	SSF x Near_LoA	-5,95613777	-0,129	0,319
CHR6	21299788	CHR6:21299788	SSF x Near_LoA	-5,50268167	-0,159	0,297
CHR6	21299792	CHR6:21299792	SSF x Near_LoA	-6,56886151	-0,144	0,297
CHR6	21299823	CHR6:21299823	SSF x Near_LoA	-10,6005614	-0,048	0,313
CHR6	21308396	CHR6:21308396	SSF x Near_LoA	-5,400333	-0,186	0,301
CHR6	21308473	CHR6:21308473	SSF x Near_LoA	-9,65308303	-0,048	0,299
CHR6	21308479	CHR6:21308479	SSF x Near_LoA	-8,3135717	0,042	0,303
CHR6	21308482	CHR6:21308482	SSF x Near_LoA	-7,8722885	0,062	0,301
CHR6	21308513	CHR6:21308513	SSF x Near_LoA	-8,71650499	-0,030	0,319

CHR6	21308514	CHR6:21308514	SSF x Near_LoA	-8,5558335	-0,011	0,303
CHR6	21309715	CHR6:21309715	SSF x Near_LoA	-11,1905948	0,110	0,309
CHR6	21309717	CHR6:21309717	SSF x Near_LoA	-8,33024534	-0,143	0,315
CHR6	21309762	CHR6:21309762	SSF x Near_LoA	-8,74823692	0,066	0,307
CHR6	21311914	CHR6:21311914	SSF x Near_LoA	-10,0003176	0,139	0,308
CHR6	21311967	CHR6:21311967	SSF x Near_LoA	-6,68998424	-0,074	0,319
CHR6	21312013	CHR6:21312013	SSF x Near_LoA	-11,9559865	-0,012	0,309
CHR6	21312101	CHR6:21312101	SSF x Near_LoA	-0,37887112	0,039	0,310
CHR6	21312139	CHR6:21312139	SSF x Near_LoA	-12,2033395	0,015	0,298
CHR6	21312146	CHR6:21312146	SSF x Near_LoA	-8,64442452	0,044	0,299
CHR6	21312147	CHR6:21312147	SSF x Near_LoA	-5,91067361	-0,133	0,307
CHR6	21324054	CHR6:21324054	SSF x Near_LoA	-7,84574234	-0,046	0,303
CHR6	21324072	CHR6:21324072	SSF x Near_LoA	-6,98851685	-0,046	0,302
CHR6	21325307	CHR6:21325307	SSF x Near_LoA	-10,4151791	-0,070	0,316
CHR6	21325346	CHR6:21325346	SSF x Near_LoA	-8,62783751	0,105	0,299
CHR6	21325383	CHR6:21325383	SSF x Near_LoA	-10,0440423	0,012	0,315
CHR6	2132657	CHR6:2132657	SSF x Near_LoA	-9,05148919	-0,009	0,314
CHR6	21328808	CHR6:21328808	SSF x Near_LoA	-11,7368884	0,003	0,314
CHR6	21328841	CHR6:21328841	SSF x Near_LoA	-7,39778302	-0,095	0,301
CHR6	21328846	CHR6:21328846	SSF x Near_LoA	-10,5757363	-0,001	0,317
CHR6	21331774	CHR6:21331774	SSF x Near_LoA	-7,61070002	0,120	0,317
CHR6	21334348	CHR6:21334348	SSF x Near_LoA	-9,14894712	-0,003	0,325
CHR6	21334405	CHR6:21334405	SSF x Near_LoA	-9,9241434	0,084	0,295
CHR6	21340366	CHR6:21340366	SSF x Near_LoA	-10,1752173	0,064	0,304
CHR6	21344047	CHR6:21344047	SSF x Near_LoA	-7,24706292	-0,120	0,296
CHR6	21351259	CHR6:21351259	SSF x Near_LoA	-0,3101318	0,050	0,315
CHR6	21351336	CHR6:21351336	SSF x Near_LoA	-10,0052668	-0,070	0,306
CHR6	21351337	CHR6:21351337	SSF x Near_LoA	-10,4699183	-0,086	0,310
CHR6	21351339	CHR6:21351339	SSF x Near_LoA	-10,9721862	-0,062	0,306
CHR6	21368858	CHR6:21368858	SSF x Near_LoA	-10,6494925	-0,018	0,305
CHR6	21368952	CHR6:21368952	SSF x Near_LoA	-9,9342863	0,070	0,321
CHR6	21375340	CHR6:21375340	SSF x Near_LoA	0,35018964	0,222	0,306
CHR6	21375468	CHR6:21375468	SSF x Near_LoA	-5,60481541	0,198	0,303
CHR6	21375556	CHR6:21375556	SSF x Near_LoA	-7,85098611	0,058	0,320
CHR6	21384378	CHR6:21384378	SSF x Near_LoA	-10,2873867	-0,130	0,302
CHR6	21392646	CHR6:21392646	SSF x Near_LoA	-8,75571426	0,092	0,301
CHR6	21402664	CHR6:21402664	SSF x Near_LoA	-7,58094481	-0,040	0,303
CHR6	21402799	CHR6:21402799	SSF x Near_LoA	-7,0066251	0,138	0,303
CHR6	21402886	CHR6:21402886	SSF x Near_LoA	-6,89168714	0,008	0,312
CHR6	21402925	CHR6:21402925	SSF x Near_LoA	-7,7881036	-0,052	0,305
CHR6	21409672	CHR6:21409672	SSF x Near_LoA	-9,16534099	-0,002	0,289
CHR6	21409691	CHR6:21409691	SSF x Near_LoA	-8,724279	0,003	0,307
CHR6	21414228	CHR6:21414228	SSF x Near_LoA	-9,15749825	0,028	0,308
CHR6	21421919	CHR6:21421919	SSF x Near_LoA	-8,67681488	-0,113	0,309
CHR6	21421920	CHR6:21421920	SSF x Near_LoA	-7,56430715	-0,079	0,318
CHR6	21434772	CHR6:21434772	SSF x Near_LoA	-10,4388096	-0,038	0,315
CHR6	21434778	CHR6:21434778	SSF x Near_LoA	-6,86339015	-0,066	0,317
CHR6	21434915	CHR6:21434915	SSF x Near_LoA	-10,1237776	-0,113	0,306
CHR6	21445742	CHR6:21445742	SSF x Near_LoA	-9,57529438	-0,003	0,312
CHR6	21452103	CHR6:21452103	SSF x Near_LoA	-9,85720291	0,098	0,302
CHR6	21452110	CHR6:21452110	SSF x Near_LoA	-9,39674282	-0,013	0,307
CHR6	21452234	CHR6:21452234	SSF x Near_LoA	-6,2903379	0,090	0,314
CHR6	21454288	CHR6:21454288	SSF x Near_LoA	-6,46380919	-0,072	0,300

CHR6	21454326	CHR6:21454326	SSF x Near_LoA	-11,0283401	0,022	0,313
CHR6	21467417	CHR6:21467417	SSF x Near_LoA	-9,85478218	-0,102	0,312
CHR6	21475694	CHR6:21475694	SSF x Near_LoA	-7,98152223	-0,030	0,306
CHR6	21475700	CHR6:21475700	SSF x Near_LoA	-8,01778277	0,064	0,314
CHR6	21476206	CHR6:21476206	SSF x Near_LoA	-9,94856043	-0,025	0,290
CHR6	21489797	CHR6:21489797	SSF x Near_LoA	-8,4105392	-0,204	0,291
CHR6	21489798	CHR6:21489798	SSF x Near_LoA	-6,65843726	-0,197	0,302
CHR6	21489807	CHR6:21489807	SSF x Near_LoA	2,45124442	-0,207	0,314
CHR6	21489963	CHR6:21489963	SSF x Near_LoA	-10,4628376	0,066	0,307
CHR6	21489970	CHR6:21489970	SSF x Near_LoA	-11,3755317	0,013	0,304
CHR6	21495810	CHR6:21495810	SSF x Near_LoA	-8,22096296	-0,101	0,293
CHR6	21496005	CHR6:21496005	SSF x Near_LoA	-1,97609319	0,022	0,312
CHR6	21497928	CHR6:21497928	SSF x Near_LoA	-10,2871925	0,002	0,309
CHR6	21497930	CHR6:21497930	SSF x Near_LoA	-8,14582972	-0,090	0,308
CHR6	21498067	CHR6:21498067	SSF x Near_LoA	-9,57374126	0,082	0,311
CHR6	21526262	CHR6:21526262	SSF x Near_LoA	-8,17582208	0,061	0,310
CHR6	21526490	CHR6:21526490	SSF x Near_LoA	-10,96945	0,023	0,313
CHR6	21530097	CHR6:21530097	SSF x Near_LoA	-6,26117764	0,137	0,298
CHR6	21534699	CHR6:21534699	SSF x Near_LoA	-8,18284498	0,048	0,294
CHR6	21534707	CHR6:21534707	SSF x Near_LoA	-8,64945351	0,025	0,300
CHR6	21534937	CHR6:21534937	SSF x Near_LoA	-10,4818979	0,138	0,315
CHR6	21535104	CHR6:21535104	SSF x Near_LoA	-7,7115745	0,110	0,314
CHR6	21539645	CHR6:21539645	SSF x Near_LoA	-5,95766696	0,031	0,305
CHR6	21539690	CHR6:21539690	SSF x Near_LoA	-9,56884538	0,011	0,300
CHR6	21540305	CHR6:21540305	SSF x Near_LoA	-8,4710748	-0,098	0,295
CHR6	21540397	CHR6:21540397	SSF x Near_LoA	-7,59465725	-0,049	0,293
CHR6	2154188	CHR6:2154188	SSF x Near_LoA	-8,25188461	-0,071	0,317
CHR6	2154299	CHR6:2154299	SSF x Near_LoA	-11,2047021	-0,003	0,299
CHR6	2154320	CHR6:2154320	SSF x Near_LoA	-8,25790461	-0,017	0,311
CHR6	2154346	CHR6:2154346	SSF x Near_LoA	-10,286776	0,006	0,299
CHR6	21544982	CHR6:21544982	SSF x Near_LoA	-8,45574069	-0,013	0,317
CHR6	21545108	CHR6:21545108	SSF x Near_LoA	-8,85604053	0,043	0,313
CHR6	21547619	CHR6:21547619	SSF x Near_LoA	-8,41656288	0,169	0,291
CHR6	21547801	CHR6:21547801	SSF x Near_LoA	-10,6670886	-0,022	0,315
CHR6	21550420	CHR6:21550420	SSF x Near_LoA	-10,1724646	0,066	0,302
CHR6	21550438	CHR6:21550438	SSF x Near_LoA	-9,41413244	-0,037	0,310
CHR6	21550508	CHR6:21550508	SSF x Near_LoA	-8,85511054	0,114	0,305
CHR6	21550606	CHR6:21550606	SSF x Near_LoA	-8,63373839	-0,024	0,306
CHR6	21550613	CHR6:21550613	SSF x Near_LoA	-10,3921836	0,011	0,306
CHR6	21565528	CHR6:21565528	SSF x Near_LoA	-7,17974816	0,127	0,297
CHR6	21578507	CHR6:21578507	SSF x Near_LoA	-7,28993601	-0,055	0,299
CHR6	21578647	CHR6:21578647	SSF x Near_LoA	-5,48670088	0,135	0,295
CHR6	21578658	CHR6:21578658	SSF x Near_LoA	-9,31326246	0,055	0,302
CHR6	21578684	CHR6:21578684	SSF x Near_LoA	-8,98915581	0,029	0,313
CHR6	21578731	CHR6:21578731	SSF x Near_LoA	-9,96771654	0,037	0,304
CHR6	21578785	CHR6:21578785	SSF x Near_LoA	-9,96517972	0,009	0,307
CHR6	2158510	CHR6:2158510	SSF x Near_LoA	-7,2013398	-0,024	0,304
CHR6	2158583	CHR6:2158583	SSF x Near_LoA	-10,5601938	0,004	0,298
CHR6	2158729	CHR6:2158729	SSF x Near_LoA	-7,13021446	0,047	0,320
CHR6	21589571	CHR6:21589571	SSF x Near_LoA	-11,1254975	0,113	0,295
CHR6	21589642	CHR6:21589642	SSF x Near_LoA	-10,210031	-0,053	0,305
CHR6	21589688	CHR6:21589688	SSF x Near_LoA	-10,8294686	0,094	0,277
CHR6	21589712	CHR6:21589712	SSF x Near_LoA	-8,07721524	-0,058	0,311

CHR6	21589746	CHR6:21589746	SSF x Near_LoA	-10,9746405	-0,015	0,305
CHR6	21589880	CHR6:21589880	SSF x Near_LoA	-10,0534481	-0,095	0,306
CHR6	21589883	CHR6:21589883	SSF x Near_LoA	-9,24669027	-0,110	0,318
CHR6	21609245	CHR6:21609245	SSF x Near_LoA	-8,17259902	0,046	0,320
CHR6	21609308	CHR6:21609308	SSF x Near_LoA	-9,80409974	-0,072	0,314
CHR6	21609329	CHR6:21609329	SSF x Near_LoA	-9,13928267	-0,052	0,302
CHR6	21618056	CHR6:21618056	SSF x Near_LoA	-9,85399176	0,139	0,293
CHR6	21621701	CHR6:21621701	SSF x Near_LoA	-9,70893407	0,022	0,307
CHR6	21638485	CHR6:21638485	SSF x Near_LoA	-11,8669158	-0,018	0,307
CHR6	21638566	CHR6:21638566	SSF x Near_LoA	-5,04598271	-0,063	0,297
CHR6	21638620	CHR6:21638620	SSF x Near_LoA	-7,18933983	0,040	0,325
CHR6	21645124	CHR6:21645124	SSF x Near_LoA	-9,73957735	-0,143	0,310
CHR6	21645292	CHR6:21645292	SSF x Near_LoA	-8,48230585	-0,008	0,301
CHR6	21657434	CHR6:21657434	SSF x Near_LoA	-9,49820085	-0,032	0,291
CHR6	21659005	CHR6:21659005	SSF x Near_LoA	-8,20241092	-0,060	0,307
CHR6	21659055	CHR6:21659055	SSF x Near_LoA	-8,94355766	0,041	0,275
CHR6	21668277	CHR6:21668277	SSF x Near_LoA	-7,90879601	0,016	0,312
CHR6	21668313	CHR6:21668313	SSF x Near_LoA	-11,4115674	0,003	0,309
CHR6	21668349	CHR6:21668349	SSF x Near_LoA	-7,08398667	0,096	0,310
CHR6	21668350	CHR6:21668350	SSF x Near_LoA	-10,4155415	0,056	0,312
CHR6	21668400	CHR6:21668400	SSF x Near_LoA	-9,17116491	0,027	0,304
CHR6	21668401	CHR6:21668401	SSF x Near_LoA	-11,6921353	0,010	0,300
CHR6	21668420	CHR6:21668420	SSF x Near_LoA	-7,84943447	0,070	0,315
CHR6	21668443	CHR6:21668443	SSF x Near_LoA	-8,51979709	0,117	0,310
CHR6	21668483	CHR6:21668483	SSF x Near_LoA	-10,1787809	-0,032	0,306
CHR6	21678028	CHR6:21678028	SSF x Near_LoA	-8,41679069	0,051	0,304
CHR6	21678039	CHR6:21678039	SSF x Near_LoA	-10,7620219	0,122	0,301
CHR6	21678079	CHR6:21678079	SSF x Near_LoA	-8,88055769	-0,073	0,313
CHR6	21680602	CHR6:21680602	SSF x Near_LoA	-7,05356108	-0,128	0,310
CHR6	21680605	CHR6:21680605	SSF x Near_LoA	-11,6792136	-0,020	0,302
CHR6	21680641	CHR6:21680641	SSF x Near_LoA	-10,905895	-0,117	0,301
CHR6	21680753	CHR6:21680753	SSF x Near_LoA	-11,4972469	-0,016	0,308
CHR6	21690834	CHR6:21690834	SSF x Near_LoA	-9,56000498	0,011	0,304
CHR6	21690931	CHR6:21690931	SSF x Near_LoA	-9,80519307	0,102	0,314
CHR6	21690991	CHR6:21690991	SSF x Near_LoA	-10,8327481	0,000	0,296
CHR6	21691000	CHR6:21691000	SSF x Near_LoA	-8,19167195	-0,073	0,312
CHR6	21691009	CHR6:21691009	SSF x Near_LoA	-9,27930845	0,070	0,315
CHR6	21700604	CHR6:21700604	SSF x Near_LoA	-7,61870624	0,002	0,297
CHR6	21703854	CHR6:21703854	SSF x Near_LoA	-12,7183449	0,063	0,290
CHR6	21703855	CHR6:21703855	SSF x Near_LoA	-10,9370574	0,075	0,299
CHR6	21703880	CHR6:21703880	SSF x Near_LoA	-8,57480622	-0,036	0,304
CHR6	21703940	CHR6:21703940	SSF x Near_LoA	-8,36398417	-0,052	0,304
CHR6	21703972	CHR6:21703972	SSF x Near_LoA	-6,7465366	0,138	0,292
CHR6	21703974	CHR6:21703974	SSF x Near_LoA	-9,5637867	-0,067	0,300
CHR6	21703983	CHR6:21703983	SSF x Near_LoA	-10,7195526	-0,109	0,305
CHR6	21716021	CHR6:21716021	SSF x Near_LoA	-7,49161575	-0,076	0,315
CHR6	21716082	CHR6:21716082	SSF x Near_LoA	-11,9945284	-0,025	0,295
CHR6	21716108	CHR6:21716108	SSF x Near_LoA	-11,4093399	0,036	0,305
CHR6	21716216	CHR6:21716216	SSF x Near_LoA	-8,61960484	-0,015	0,310
CHR6	21716258	CHR6:21716258	SSF x Near_LoA	-10,1398114	-0,045	0,308
CHR6	21725068	CHR6:21725068	SSF x Near_LoA	-10,1274919	-0,026	0,310
CHR6	21725134	CHR6:21725134	SSF x Near_LoA	-11,5762774	-0,013	0,309
CHR6	21729642	CHR6:21729642	SSF x Near_LoA	-7,46676563	0,085	0,301

CHR6	21733352	CHR6:21733352	SSF x Near_LoA	-9,85866465	-0,038	0,315
CHR6	21733357	CHR6:21733357	SSF x Near_LoA	-8,7005765	-0,065	0,302
CHR6	21733404	CHR6:21733404	SSF x Near_LoA	-7,45919151	0,038	0,304
CHR6	21733428	CHR6:21733428	SSF x Near_LoA	-10,5935006	0,003	0,316
CHR6	21733485	CHR6:21733485	SSF x Near_LoA	-9,52972209	0,008	0,311
CHR6	21733533	CHR6:21733533	SSF x Near_LoA	-8,44160165	-0,120	0,304
CHR6	21733570	CHR6:21733570	SSF x Near_LoA	-8,88017415	0,009	0,303
CHR6	21740157	CHR6:21740157	SSF x Near_LoA	-10,2858067	-0,046	0,313
CHR6	21740308	CHR6:21740308	SSF x Near_LoA	-9,62792388	0,091	0,297
CHR6	21762960	CHR6:21762960	SSF x Near_LoA	-9,42711917	0,093	0,307
CHR6	21763111	CHR6:21763111	SSF x Near_LoA	-9,07087477	0,038	0,311
CHR6	21771902	CHR6:21771902	SSF x Near_LoA	-7,56317386	-0,016	0,310
CHR6	21778385	CHR6:21778385	SSF x Near_LoA	-8,32940934	-0,038	0,300
CHR6	21780939	CHR6:21780939	SSF x Near_LoA	-4,20088972	-0,035	0,314
CHR6	21780988	CHR6:21780988	SSF x Near_LoA	-11,9606452	-0,052	0,309
CHR6	2178229	CHR6:2178229	SSF x Near_LoA	-9,83906732	0,095	0,300
CHR6	21791481	CHR6:21791481	SSF x Near_LoA	-10,0871024	-0,002	0,313
CHR6	21791567	CHR6:21791567	SSF x Near_LoA	-7,98803031	-0,085	0,304
CHR6	21791578	CHR6:21791578	SSF x Near_LoA	-6,91897917	0,016	0,318
CHR6	21791638	CHR6:21791638	SSF x Near_LoA	-9,6650589	0,022	0,310
CHR6	21791678	CHR6:21791678	SSF x Near_LoA	-7,15408252	0,022	0,311
CHR6	21797034	CHR6:21797034	SSF x Near_LoA	-11,3271015	-0,092	0,303
CHR6	21797107	CHR6:21797107	SSF x Near_LoA	-8,43748389	0,079	0,303
CHR6	21797198	CHR6:21797198	SSF x Near_LoA	-0,0486901	0,068	0,304
CHR6	21797206	CHR6:21797206	SSF x Near_LoA	-10,2083661	0,071	0,312
CHR6	21806530	CHR6:21806530	SSF x Near_LoA	-9,2545689	0,011	0,311
CHR6	21806552	CHR6:21806552	SSF x Near_LoA	-6,3340142	-0,162	0,305
CHR6	21807779	CHR6:21807779	SSF x Near_LoA	-8,29936146	-0,015	0,314
CHR6	21807857	CHR6:21807857	SSF x Near_LoA	-11,035434	0,072	0,306
CHR6	21809664	CHR6:21809664	SSF x Near_LoA	-8,04517066	0,051	0,329
CHR6	21809669	CHR6:21809669	SSF x Near_LoA	-8,54745014	0,032	0,302
CHR6	21809670	CHR6:21809670	SSF x Near_LoA	-8,91581207	0,090	0,303
CHR6	21809720	CHR6:21809720	SSF x Near_LoA	-9,5614972	0,089	0,314
CHR6	21814772	CHR6:21814772	SSF x Near_LoA	-7,56746937	-0,080	0,315
CHR6	21814838	CHR6:21814838	SSF x Near_LoA	-6,58770675	-0,117	0,318
CHR6	21814841	CHR6:21814841	SSF x Near_LoA	-8,49500675	-0,092	0,317
CHR6	21815179	CHR6:21815179	SSF x Near_LoA	-11,7078885	0,052	0,307
CHR6	2181971	CHR6:2181971	SSF x Near_LoA	-8,38051716	-0,042	0,326
CHR6	2182022	CHR6:2182022	SSF x Near_LoA	-10,4965202	-0,084	0,305
CHR6	2182026	CHR6:2182026	SSF x Near_LoA	-10,3748589	0,063	0,314
CHR6	21823371	CHR6:21823371	SSF x Near_LoA	-6,48184995	-0,025	0,300
CHR6	21830670	CHR6:21830670	SSF x Near_LoA	-9,89175327	0,026	0,310
CHR6	21830682	CHR6:21830682	SSF x Near_LoA	-9,8289702	0,009	0,306
CHR6	21830691	CHR6:21830691	SSF x Near_LoA	-11,3414754	0,015	0,308
CHR6	21830732	CHR6:21830732	SSF x Near_LoA	-10,354601	-0,034	0,310
CHR6	21834321	CHR6:21834321	SSF x Near_LoA	-11,5103294	0,053	0,289
CHR6	21840072	CHR6:21840072	SSF x Near_LoA	-9,48447007	0,035	0,302
CHR6	21841974	CHR6:21841974	SSF x Near_LoA	-9,05766706	0,067	0,305
CHR6	21842013	CHR6:21842013	SSF x Near_LoA	-9,99267579	0,044	0,318
CHR6	21842039	CHR6:21842039	SSF x Near_LoA	-8,28568118	0,048	0,318
CHR6	21842114	CHR6:21842114	SSF x Near_LoA	-11,0835826	0,091	0,303
CHR6	21842136	CHR6:21842136	SSF x Near_LoA	-7,90281436	0,152	0,295
CHR6	21842185	CHR6:21842185	SSF x Near_LoA	-10,3432673	0,106	0,305

CHR6	21842223	CHR6:21842223	SSF x Near_LoA	-11,116237	0,013	0,299
CHR6	21848270	CHR6:21848270	SSF x Near_LoA	-4,06259152	0,139	0,295
CHR6	21848284	CHR6:21848284	SSF x Near_LoA	-8,92669657	0,055	0,295
CHR6	21848313	CHR6:21848313	SSF x Near_LoA	-6,35123593	-0,040	0,312
CHR6	21848345	CHR6:21848345	SSF x Near_LoA	-8,50295581	-0,012	0,318
CHR6	21848385	CHR6:21848385	SSF x Near_LoA	-10,5078394	-0,046	0,291
CHR6	21854287	CHR6:21854287	SSF x Near_LoA	-10,2696807	0,078	0,313
CHR6	21858583	CHR6:21858583	SSF x Near_LoA	-10,1916635	0,023	0,304
CHR6	21858624	CHR6:21858624	SSF x Near_LoA	-11,327815	0,048	0,298
CHR6	21858639	CHR6:21858639	SSF x Near_LoA	-10,035347	-0,050	0,296
CHR6	21858656	CHR6:21858656	SSF x Near_LoA	-11,2429437	0,034	0,295
CHR6	21858682	CHR6:21858682	SSF x Near_LoA	-11,9196163	0,127	0,295
CHR6	21864915	CHR6:21864915	SSF x Near_LoA	-10,2528232	-0,019	0,303
CHR6	21864916	CHR6:21864916	SSF x Near_LoA	-9,06731027	-0,019	0,323
CHR6	21864982	CHR6:21864982	SSF x Near_LoA	-10,4293279	-0,007	0,312
CHR6	21865021	CHR6:21865021	SSF x Near_LoA	-8,90647138	-0,093	0,305
CHR6	21865033	CHR6:21865033	SSF x Near_LoA	-7,49962157	-0,073	0,317
CHR6	21868953	CHR6:21868953	SSF x Near_LoA	-10,5804324	-0,013	0,309
CHR6	21869069	CHR6:21869069	SSF x Near_LoA	-11,5832695	-0,006	0,313
CHR6	21869148	CHR6:21869148	SSF x Near_LoA	-7,70211796	0,035	0,310
CHR6	21869310	CHR6:21869310	SSF x Near_LoA	-8,6069037	-0,049	0,322
CHR6	21869390	CHR6:21869390	SSF x Near_LoA	-8,71753072	-0,094	0,312
CHR6	21886267	CHR6:21886267	SSF x Near_LoA	-10,7452699	-0,059	0,321
CHR6	21892451	CHR6:21892451	SSF x Near_LoA	-8,48381713	-0,072	0,316
CHR6	21915292	CHR6:21915292	SSF x Near_LoA	-9,40912627	-0,032	0,328
CHR6	21915415	CHR6:21915415	SSF x Near_LoA	-8,05470132	-0,057	0,314
CHR6	21917497	CHR6:21917497	SSF x Near_LoA	-8,33870928	0,124	0,309
CHR6	21917705	CHR6:21917705	SSF x Near_LoA	-7,09105224	0,019	0,304
CHR6	21917838	CHR6:21917838	SSF x Near_LoA	-10,2444557	0,089	0,300
CHR6	2192676	CHR6:2192676	SSF x Near_LoA	-7,98196028	0,078	0,302
CHR6	2192897	CHR6:2192897	SSF x Near_LoA	-9,79506384	0,061	0,310
CHR6	2192898	CHR6:2192898	SSF x Near_LoA	-9,3112497	0,062	0,314
CHR6	21936225	CHR6:21936225	SSF x Near_LoA	-8,95770549	0,087	0,319
CHR6	21936230	CHR6:21936230	SSF x Near_LoA	-7,35489402	-0,125	0,311
CHR6	21945012	CHR6:21945012	SSF x Near_LoA	-8,1554056	0,048	0,307
CHR6	21945082	CHR6:21945082	SSF x Near_LoA	-10,1951376	-0,014	0,298
CHR6	21945109	CHR6:21945109	SSF x Near_LoA	-9,78823163	0,012	0,302
CHR6	21945122	CHR6:21945122	SSF x Near_LoA	-9,59136095	-0,007	0,306
CHR6	21945221	CHR6:21945221	SSF x Near_LoA	-10,684143	0,046	0,315
CHR6	21945239	CHR6:21945239	SSF x Near_LoA	-8,61880617	-0,091	0,297
CHR6	21952633	CHR6:21952633	SSF x Near_LoA	-9,53599532	-0,022	0,317
CHR6	21952702	CHR6:21952702	SSF x Near_LoA	-8,75263439	0,043	0,315
CHR6	21952779	CHR6:21952779	SSF x Near_LoA	-10,1184221	0,033	0,301
CHR6	21952802	CHR6:21952802	SSF x Near_LoA	-2,99482269	-0,117	0,306
CHR6	21952815	CHR6:21952815	SSF x Near_LoA	-8,72243083	-0,044	0,313
CHR6	21952848	CHR6:21952848	SSF x Near_LoA	-10,9700255	-0,105	0,301
CHR6	219546	CHR6:219546	SSF x Near_LoA	-8,32569228	0,070	0,320
CHR6	21956815	CHR6:21956815	SSF x Near_LoA	-11,0771628	0,043	0,318
CHR6	2197535	CHR6:2197535	SSF x Near_LoA	-10,1608071	0,049	0,304
CHR6	21981228	CHR6:21981228	SSF x Near_LoA	-8,70192526	-0,113	0,317
CHR6	21981275	CHR6:21981275	SSF x Near_LoA	-10,7196535	0,055	0,307
CHR6	22000628	CHR6:22000628	SSF x Near_LoA	-9,03433022	-0,055	0,318
CHR6	22013626	CHR6:22013626	SSF x Near_LoA	-11,1922671	0,010	0,303

CHR6	22013699	CHR6:22013699	SSF x Near_LoA	-6,78137485	0,028	0,316
CHR6	22013793	CHR6:22013793	SSF x Near_LoA	-3,25337728	0,108	0,291
CHR6	22013835	CHR6:22013835	SSF x Near_LoA	-7,48463379	0,031	0,304
CHR6	22013836	CHR6:22013836	SSF x Near_LoA	-7,00814937	0,029	0,299
CHR6	22013860	CHR6:22013860	SSF x Near_LoA	-8,72904043	0,020	0,308
CHR6	22015107	CHR6:22015107	SSF x Near_LoA	-6,60225118	-0,054	0,308
CHR6	22031207	CHR6:22031207	SSF x Near_LoA	-10,3793673	0,058	0,297
CHR6	22031214	CHR6:22031214	SSF x Near_LoA	-10,0617091	-0,014	0,304
CHR6	22032136	CHR6:22032136	SSF x Near_LoA	-12,4941283	-0,002	0,296
CHR6	22034715	CHR6:22034715	SSF x Near_LoA	-8,09444416	-0,022	0,291
CHR6	22034775	CHR6:22034775	SSF x Near_LoA	-11,116701	-0,023	0,299
CHR6	22034782	CHR6:22034782	SSF x Near_LoA	-8,68992651	0,046	0,320
CHR6	22034829	CHR6:22034829	SSF x Near_LoA	-11,1756804	-0,105	0,317
CHR6	22034876	CHR6:22034876	SSF x Near_LoA	-8,50269487	0,061	0,307
CHR6	22039220	CHR6:22039220	SSF x Near_LoA	-8,56789601	-0,124	0,321
CHR6	22039386	CHR6:22039386	SSF x Near_LoA	-10,9431346	-0,081	0,311
CHR6	2204686	CHR6:2204686	SSF x Near_LoA	-9,06229362	0,012	0,314
CHR6	2204734	CHR6:2204734	SSF x Near_LoA	-10,0207296	0,065	0,306
CHR6	22052769	CHR6:22052769	SSF x Near_LoA	-3,56168115	-0,102	0,307
CHR6	22052779	CHR6:22052779	SSF x Near_LoA	-9,88885811	0,040	0,298
CHR6	22052787	CHR6:22052787	SSF x Near_LoA	-8,85591979	0,083	0,293
CHR6	22052811	CHR6:22052811	SSF x Near_LoA	-8,69594034	0,048	0,306
CHR6	22052848	CHR6:22052848	SSF x Near_LoA	-8,0660574	0,018	0,315
CHR6	22052878	CHR6:22052878	SSF x Near_LoA	-7,97930614	0,003	0,329
CHR6	22055870	CHR6:22055870	SSF x Near_LoA	-10,8649184	-0,029	0,314
CHR6	22055873	CHR6:22055873	SSF x Near_LoA	-10,217831	-0,073	0,316
CHR6	22055903	CHR6:22055903	SSF x Near_LoA	-11,127795	-0,005	0,304
CHR6	22055988	CHR6:22055988	SSF x Near_LoA	2,75436828	-0,183	0,297
CHR6	22056007	CHR6:22056007	SSF x Near_LoA	-8,20316255	0,019	0,300
CHR6	22056138	CHR6:22056138	SSF x Near_LoA	-11,0605717	0,077	0,313
CHR6	22059307	CHR6:22059307	SSF x Near_LoA	-9,5830206	0,072	0,316
CHR6	22059329	CHR6:22059329	SSF x Near_LoA	-10,2884923	-0,003	0,302
CHR6	22059341	CHR6:22059341	SSF x Near_LoA	-9,37523101	0,039	0,300
CHR6	22059345	CHR6:22059345	SSF x Near_LoA	-7,91349868	-0,013	0,293
CHR6	22063814	CHR6:22063814	SSF x Near_LoA	-9,12011733	-0,166	0,297
CHR6	22063834	CHR6:22063834	SSF x Near_LoA	-8,20945606	-0,048	0,311
CHR6	22063864	CHR6:22063864	SSF x Near_LoA	-9,25838278	-0,098	0,300
CHR6	22078151	CHR6:22078151	SSF x Near_LoA	-6,37073999	-0,105	0,321
CHR6	22078261	CHR6:22078261	SSF x Near_LoA	-8,09615783	-0,048	0,312
CHR6	22078383	CHR6:22078383	SSF x Near_LoA	-11,5275993	0,015	0,303
CHR6	22083915	CHR6:22083915	SSF x Near_LoA	-9,33819225	0,050	0,307
CHR6	22083932	CHR6:22083932	SSF x Near_LoA	-9,31330314	0,115	0,313
CHR6	22083995	CHR6:22083995	SSF x Near_LoA	-11,3969508	0,006	0,307
CHR6	22090381	CHR6:22090381	SSF x Near_LoA	-11,7483041	0,014	0,319
CHR6	22090399	CHR6:22090399	SSF x Near_LoA	-10,8818613	0,042	0,310
CHR6	22090475	CHR6:22090475	SSF x Near_LoA	-9,35323396	0,058	0,298
CHR6	22090487	CHR6:22090487	SSF x Near_LoA	-9,97661113	-0,147	0,308
CHR6	22090505	CHR6:22090505	SSF x Near_LoA	-7,87027332	0,125	0,297
CHR6	22099643	CHR6:22099643	SSF x Near_LoA	-8,46655894	0,094	0,302
CHR6	22099680	CHR6:22099680	SSF x Near_LoA	-8,86798168	0,003	0,323
CHR6	22099683	CHR6:22099683	SSF x Near_LoA	-11,7581163	-0,004	0,298
CHR6	22099773	CHR6:22099773	SSF x Near_LoA	-8,76612619	-0,125	0,303
CHR6	22099808	CHR6:22099808	SSF x Near_LoA	-10,4252622	-0,091	0,303

CHR6	22119018	CHR6:22119018	SSF x Near_LoA	-9,39530511	-0,058	0,305
CHR6	22119021	CHR6:22119021	SSF x Near_LoA	-7,59785133	-0,077	0,301
CHR6	22119024	CHR6:22119024	SSF x Near_LoA	-8,70929071	-0,038	0,314
CHR6	22119027	CHR6:22119027	SSF x Near_LoA	-11,1202853	-0,031	0,302
CHR6	22119085	CHR6:22119085	SSF x Near_LoA	-10,5746004	-0,003	0,304
CHR6	22119160	CHR6:22119160	SSF x Near_LoA	-11,6934241	-0,077	0,303
CHR6	22119177	CHR6:22119177	SSF x Near_LoA	-9,09328339	0,029	0,310
CHR6	22119196	CHR6:22119196	SSF x Near_LoA	-8,79694537	-0,096	0,318
CHR6	22119212	CHR6:22119212	SSF x Near_LoA	-7,37090539	-0,087	0,317
CHR6	22120800	CHR6:22120800	SSF x Near_LoA	-7,76298229	-0,009	0,314
CHR6	22120879	CHR6:22120879	SSF x Near_LoA	-10,3677503	0,093	0,306
CHR6	22127478	CHR6:22127478	SSF x Near_LoA	-11,5984579	-0,031	0,310
CHR6	22131271	CHR6:22131271	SSF x Near_LoA	-11,1545813	0,053	0,300
CHR6	22131370	CHR6:22131370	SSF x Near_LoA	-7,02251531	-0,125	0,290
CHR6	22131394	CHR6:22131394	SSF x Near_LoA	-7,44586617	0,115	0,311
CHR6	22131399	CHR6:22131399	SSF x Near_LoA	-8,33790408	-0,073	0,312
CHR6	22131430	CHR6:22131430	SSF x Near_LoA	-11,2178017	0,002	0,306
CHR6	22131433	CHR6:22131433	SSF x Near_LoA	-10,0172553	-0,046	0,294
CHR6	22131464	CHR6:22131464	SSF x Near_LoA	-0,42359555	0,072	0,304
CHR6	22132638	CHR6:22132638	SSF x Near_LoA	-9,89425908	-0,067	0,308
CHR6	22132652	CHR6:22132652	SSF x Near_LoA	-8,54530684	0,095	0,308
CHR6	22132678	CHR6:22132678	SSF x Near_LoA	-9,55351212	0,015	0,306
CHR6	22132712	CHR6:22132712	SSF x Near_LoA	-10,1695189	0,014	0,308
CHR6	22132829	CHR6:22132829	SSF x Near_LoA	-8,93202086	-0,056	0,302
CHR6	22132831	CHR6:22132831	SSF x Near_LoA	-8,95864284	-0,101	0,299
CHR6	22132857	CHR6:22132857	SSF x Near_LoA	-4,10483678	0,175	0,283
CHR6	22139549	CHR6:22139549	SSF x Near_LoA	-5,47917136	-0,130	0,311
CHR6	22139598	CHR6:22139598	SSF x Near_LoA	-11,1053188	0,126	0,298
CHR6	22143851	CHR6:22143851	SSF x Near_LoA	-8,32955046	-0,090	0,297
CHR6	22150606	CHR6:22150606	SSF x Near_LoA	-9,32937077	-0,016	0,325
CHR6	22150642	CHR6:22150642	SSF x Near_LoA	-8,03447226	0,065	0,303
CHR6	22150643	CHR6:22150643	SSF x Near_LoA	-8,07629909	0,081	0,305
CHR6	22150647	CHR6:22150647	SSF x Near_LoA	-10,9102797	0,034	0,291
CHR6	22166628	CHR6:22166628	SSF x Near_LoA	-10,8164199	-0,068	0,316
CHR6	22171791	CHR6:22171791	SSF x Near_LoA	-8,10683759	-0,093	0,296
CHR6	22178101	CHR6:22178101	SSF x Near_LoA	-10,899486	-0,104	0,311
CHR6	22181198	CHR6:22181198	SSF x Near_LoA	-8,70848878	-0,111	0,312
CHR6	22199518	CHR6:22199518	SSF x Near_LoA	-9,71812483	0,070	0,304
CHR6	22199524	CHR6:22199524	SSF x Near_LoA	-9,02120466	0,078	0,306
CHR6	22204633	CHR6:22204633	SSF x Near_LoA	-9,55382488	-0,143	0,301
CHR6	22204857	CHR6:22204857	SSF x Near_LoA	-3,00307389	-0,202	0,292
CHR6	22204869	CHR6:22204869	SSF x Near_LoA	-11,002322	-0,018	0,315
CHR6	22211154	CHR6:22211154	SSF x Near_LoA	-9,16102934	0,156	0,288
CHR6	22211196	CHR6:22211196	SSF x Near_LoA	-9,28574325	-0,017	0,305
CHR6	22211201	CHR6:22211201	SSF x Near_LoA	-9,35628241	0,006	0,306
CHR6	22212265	CHR6:22212265	SSF x Near_LoA	-6,72376568	0,076	0,317
CHR6	22212922	CHR6:22212922	SSF x Near_LoA	-8,53544296	-0,068	0,314
CHR6	22212965	CHR6:22212965	SSF x Near_LoA	-6,99204436	-0,070	0,315
CHR6	22214791	CHR6:22214791	SSF x Near_LoA	-7,31797959	-0,071	0,304
CHR6	22215836	CHR6:22215836	SSF x Near_LoA	-9,84393027	0,024	0,305
CHR6	22215850	CHR6:22215850	SSF x Near_LoA	-10,5104782	0,034	0,301
CHR6	22215880	CHR6:22215880	SSF x Near_LoA	-8,61296955	0,102	0,310
CHR6	22216362	CHR6:22216362	SSF x Near_LoA	-10,1700003	-0,082	0,303

CHR6	22217480	CHR6:22217480	SSF x Near_LoA	-9,75061668	-0,121	0,292
CHR6	22217483	CHR6:22217483	SSF x Near_LoA	-2,48380826	0,260	0,280
CHR6	22217692	CHR6:22217692	SSF x Near_LoA	-12,0639838	0,082	0,295
CHR6	2221777	CHR6:2221777	SSF x Near_LoA	-9,26459889	0,008	0,300
CHR6	22227240	CHR6:22227240	SSF x Near_LoA	-9,04800202	0,140	0,303
CHR6	22227248	CHR6:22227248	SSF x Near_LoA	-12,0015741	0,022	0,301
CHR6	22227344	CHR6:22227344	SSF x Near_LoA	-5,69692518	0,151	0,300
CHR6	22227348	CHR6:22227348	SSF x Near_LoA	0,40768038	-0,028	0,312
CHR6	22227384	CHR6:22227384	SSF x Near_LoA	-4,86570665	-0,153	0,310
CHR6	22227415	CHR6:22227415	SSF x Near_LoA	-8,07269821	0,055	0,304
CHR6	22239401	CHR6:22239401	SSF x Near_LoA	-4,10115852	-0,059	0,321
CHR6	22239499	CHR6:22239499	SSF x Near_LoA	-5,68911227	0,187	0,293
CHR6	22243986	CHR6:22243986	SSF x Near_LoA	-11,5832835	0,027	0,303
CHR6	22244915	CHR6:22244915	SSF x Near_LoA	-7,38772132	-0,115	0,305
CHR6	22247288	CHR6:22247288	SSF x Near_LoA	-9,05130276	0,113	0,306
CHR6	22253545	CHR6:22253545	SSF x Near_LoA	-10,7957279	0,090	0,318
CHR6	22255624	CHR6:22255624	SSF x Near_LoA	-9,93044463	0,078	0,310
CHR6	22255653	CHR6:22255653	SSF x Near_LoA	-9,24081604	0,021	0,324
CHR6	22255662	CHR6:22255662	SSF x Near_LoA	-10,0279882	0,034	0,303
CHR6	22255674	CHR6:22255674	SSF x Near_LoA	-7,84937033	-0,003	0,311
CHR6	22255713	CHR6:22255713	SSF x Near_LoA	-9,82248652	0,019	0,307
CHR6	22257826	CHR6:22257826	SSF x Near_LoA	-10,2043285	-0,010	0,314
CHR6	22260042	CHR6:22260042	SSF x Near_LoA	-8,44944557	-0,022	0,320
CHR6	22269905	CHR6:22269905	SSF x Near_LoA	-7,6447515	-0,098	0,306
CHR6	22294010	CHR6:22294010	SSF x Near_LoA	-8,7770278	-0,066	0,307
CHR6	22294113	CHR6:22294113	SSF x Near_LoA	-9,72184434	-0,002	0,306
CHR6	22294121	CHR6:22294121	SSF x Near_LoA	-10,6032265	0,017	0,307
CHR6	22294132	CHR6:22294132	SSF x Near_LoA	-10,3189671	0,022	0,321
CHR6	22295480	CHR6:22295480	SSF x Near_LoA	-10,6051312	0,054	0,311
CHR6	22295557	CHR6:22295557	SSF x Near_LoA	-7,04140066	-0,111	0,307
CHR6	22302962	CHR6:22302962	SSF x Near_LoA	-7,84925636	-0,038	0,306
CHR6	22319920	CHR6:22319920	SSF x Near_LoA	-8,70446571	-0,171	0,310
CHR6	22322434	CHR6:22322434	SSF x Near_LoA	-9,39925246	0,086	0,305
CHR6	22330720	CHR6:22330720	SSF x Near_LoA	-7,63132377	-0,016	0,321
CHR6	22330775	CHR6:22330775	SSF x Near_LoA	-7,01844218	0,131	0,285
CHR6	2233284	CHR6:2233284	SSF x Near_LoA	-9,44432113	-0,132	0,306
CHR6	22333126	CHR6:22333126	SSF x Near_LoA	-8,64138888	-0,090	0,287
CHR6	2233393	CHR6:2233393	SSF x Near_LoA	-11,1300872	-0,030	0,300
CHR6	22334890	CHR6:22334890	SSF x Near_LoA	-9,12025318	-0,011	0,300
CHR6	22334916	CHR6:22334916	SSF x Near_LoA	-8,93260987	-0,061	0,298
CHR6	22336170	CHR6:22336170	SSF x Near_LoA	-8,94485012	0,052	0,322
CHR6	22336207	CHR6:22336207	SSF x Near_LoA	-11,3078146	0,039	0,307
CHR6	22337194	CHR6:22337194	SSF x Near_LoA	-9,88790347	0,071	0,317
CHR6	22343161	CHR6:22343161	SSF x Near_LoA	-9,14033267	-0,126	0,311
CHR6	22344396	CHR6:22344396	SSF x Near_LoA	-7,9429251	-0,057	0,312
CHR6	22344476	CHR6:22344476	SSF x Near_LoA	-9,65922443	0,019	0,316
CHR6	22344481	CHR6:22344481	SSF x Near_LoA	-8,5990232	-0,097	0,293
CHR6	22344490	CHR6:22344490	SSF x Near_LoA	-11,9140883	-0,018	0,323
CHR6	22347653	CHR6:22347653	SSF x Near_LoA	-8,28966963	0,058	0,311
CHR6	22347662	CHR6:22347662	SSF x Near_LoA	-8,98244222	-0,051	0,309
CHR6	22347814	CHR6:22347814	SSF x Near_LoA	-6,22974028	0,007	0,298
CHR6	22354534	CHR6:22354534	SSF x Near_LoA	-4,99529919	-0,103	0,303
CHR6	22354540	CHR6:22354540	SSF x Near_LoA	-11,0187509	-0,086	0,319

CHR6	22354638	CHR6:22354638	SSF x Near_LoA	-7,58632306	0,146	0,316
CHR6	22357491	CHR6:22357491	SSF x Near_LoA	-3,19600324	-0,112	0,326
CHR6	22357515	CHR6:22357515	SSF x Near_LoA	-7,9536592	-0,065	0,310
CHR6	22357531	CHR6:22357531	SSF x Near_LoA	2,01794037	0,067	0,314
CHR6	22357616	CHR6:22357616	SSF x Near_LoA	-9,94080959	0,099	0,308
CHR6	22358769	CHR6:22358769	SSF x Near_LoA	-9,21869997	0,071	0,292
CHR6	22358773	CHR6:22358773	SSF x Near_LoA	-8,17491589	-0,021	0,303
CHR6	22361711	CHR6:22361711	SSF x Near_LoA	-9,7104967	0,053	0,299
CHR6	22361828	CHR6:22361828	SSF x Near_LoA	-10,0350041	-0,001	0,309
CHR6	22361837	CHR6:22361837	SSF x Near_LoA	-7,28153277	-0,046	0,315
CHR6	22361847	CHR6:22361847	SSF x Near_LoA	-10,3932888	0,034	0,320
CHR6	22366460	CHR6:22366460	SSF x Near_LoA	-10,5514541	0,150	0,304
CHR6	2237282	CHR6:2237282	SSF x Near_LoA	-10,1577559	0,047	0,303
CHR6	2237786	CHR6:2237786	SSF x Near_LoA	-8,20773912	0,084	0,297
CHR6	2237803	CHR6:2237803	SSF x Near_LoA	-11,7599069	-0,062	0,300
CHR6	2237839	CHR6:2237839	SSF x Near_LoA	-8,39723448	-0,076	0,296
CHR6	22380565	CHR6:22380565	SSF x Near_LoA	-11,3990965	0,042	0,298
CHR6	22380748	CHR6:22380748	SSF x Near_LoA	-9,62729326	0,057	0,306
CHR6	22380785	CHR6:22380785	SSF x Near_LoA	-9,38676727	0,019	0,320
CHR6	22385186	CHR6:22385186	SSF x Near_LoA	-9,73989535	0,057	0,309
CHR6	22396702	CHR6:22396702	SSF x Near_LoA	-9,20503139	-0,003	0,301
CHR6	22396757	CHR6:22396757	SSF x Near_LoA	-8,2217436	0,069	0,307
CHR6	22405778	CHR6:22405778	SSF x Near_LoA	-9,46215995	0,040	0,308
CHR6	22405782	CHR6:22405782	SSF x Near_LoA	-10,6532936	-0,086	0,312
CHR6	22405784	CHR6:22405784	SSF x Near_LoA	-7,88099855	0,052	0,319
CHR6	22405925	CHR6:22405925	SSF x Near_LoA	-9,28327448	0,058	0,300
CHR6	22405939	CHR6:22405939	SSF x Near_LoA	-5,86528139	-0,155	0,302
CHR6	22405982	CHR6:22405982	SSF x Near_LoA	-10,1890831	-0,010	0,309
CHR6	22408800	CHR6:22408800	SSF x Near_LoA	-10,8671344	0,134	0,297
CHR6	22408811	CHR6:22408811	SSF x Near_LoA	-12,1227878	0,004	0,301
CHR6	22416971	CHR6:22416971	SSF x Near_LoA	-5,94581568	0,126	0,298
CHR6	22417025	CHR6:22417025	SSF x Near_LoA	-10,8918773	-0,068	0,309
CHR6	22419741	CHR6:22419741	SSF x Near_LoA	-8,17632718	-0,147	0,309
CHR6	22419811	CHR6:22419811	SSF x Near_LoA	-9,13914491	0,011	0,304
CHR6	22419838	CHR6:22419838	SSF x Near_LoA	-10,6326874	-0,064	0,297
CHR6	22428065	CHR6:22428065	SSF x Near_LoA	-7,86388069	0,070	0,293
CHR6	22428109	CHR6:22428109	SSF x Near_LoA	-11,043387	0,073	0,298
CHR6	22428110	CHR6:22428110	SSF x Near_LoA	-8,88725682	-0,033	0,297
CHR6	22428118	CHR6:22428118	SSF x Near_LoA	-8,96288884	-0,096	0,315
CHR6	22435554	CHR6:22435554	SSF x Near_LoA	-9,04373623	-0,124	0,310
CHR6	22435635	CHR6:22435635	SSF x Near_LoA	-9,80526444	-0,093	0,304
CHR6	22435692	CHR6:22435692	SSF x Near_LoA	-8,43580666	-0,009	0,325
CHR6	22435761	CHR6:22435761	SSF x Near_LoA	-8,80028077	-0,019	0,300
CHR6	22435768	CHR6:22435768	SSF x Near_LoA	-8,57906961	0,127	0,308
CHR6	22435812	CHR6:22435812	SSF x Near_LoA	-11,8328097	0,004	0,293
CHR6	22435813	CHR6:22435813	SSF x Near_LoA	-10,8660612	0,017	0,302
CHR6	22435816	CHR6:22435816	SSF x Near_LoA	-6,81436763	0,046	0,317
CHR6	22435819	CHR6:22435819	SSF x Near_LoA	-6,85388378	0,139	0,291
CHR6	22435871	CHR6:22435871	SSF x Near_LoA	-6,23075265	0,152	0,311
CHR6	22442233	CHR6:22442233	SSF x Near_LoA	-8,92413446	0,000	0,300
CHR6	22442240	CHR6:22442240	SSF x Near_LoA	-7,21658838	0,007	0,314
CHR6	22442248	CHR6:22442248	SSF x Near_LoA	-6,88841227	0,015	0,310
CHR6	22442271	CHR6:22442271	SSF x Near_LoA	-6,37454119	0,026	0,299

CHR6	22445113	CHR6:22445113	SSF x Near_LoA	-10,1171325	-0,031	0,307
CHR6	22445125	CHR6:22445125	SSF x Near_LoA	-8,31446611	-0,010	0,307
CHR6	22445208	CHR6:22445208	SSF x Near_LoA	-10,1058986	0,041	0,314
CHR6	22445321	CHR6:22445321	SSF x Near_LoA	-4,15318465	0,002	0,312
CHR6	22448579	CHR6:22448579	SSF x Near_LoA	-8,95487854	-0,052	0,306
CHR6	22448587	CHR6:22448587	SSF x Near_LoA	-5,42364183	-0,073	0,308
CHR6	22448704	CHR6:22448704	SSF x Near_LoA	-10,8616098	-0,113	0,309
CHR6	22448710	CHR6:22448710	SSF x Near_LoA	-9,15071742	0,090	0,313
CHR6	22460115	CHR6:22460115	SSF x Near_LoA	-8,90186364	-0,047	0,313
CHR6	22460381	CHR6:22460381	SSF x Near_LoA	-8,36982914	0,053	0,311
CHR6	22460397	CHR6:22460397	SSF x Near_LoA	-8,30989407	0,113	0,295
CHR6	22460422	CHR6:22460422	SSF x Near_LoA	-10,9615287	-0,037	0,303
CHR6	22460431	CHR6:22460431	SSF x Near_LoA	-9,58717991	0,027	0,302
CHR6	22462592	CHR6:22462592	SSF x Near_LoA	-9,20699459	-0,153	0,306
CHR6	22462595	CHR6:22462595	SSF x Near_LoA	-9,24712228	0,099	0,301
CHR6	22465150	CHR6:22465150	SSF x Near_LoA	-5,74010061	0,095	0,304
CHR6	22465171	CHR6:22465171	SSF x Near_LoA	-9,08008581	-0,058	0,285
CHR6	22465174	CHR6:22465174	SSF x Near_LoA	-10,135132	0,006	0,310
CHR6	22465183	CHR6:22465183	SSF x Near_LoA	-8,39840853	-0,020	0,319
CHR6	22465367	CHR6:22465367	SSF x Near_LoA	-7,01820748	-0,119	0,312
CHR6	22466811	CHR6:22466811	SSF x Near_LoA	-8,88499738	0,030	0,302
CHR6	22466879	CHR6:22466879	SSF x Near_LoA	-8,43297191	-0,071	0,314
CHR6	22466921	CHR6:22466921	SSF x Near_LoA	-10,3652791	-0,105	0,318
CHR6	22473446	CHR6:22473446	SSF x Near_LoA	-6,82138723	-0,031	0,302
CHR6	22473464	CHR6:22473464	SSF x Near_LoA	-9,78975917	0,054	0,313
CHR6	22473880	CHR6:22473880	SSF x Near_LoA	-9,96598388	0,062	0,313
CHR6	22492352	CHR6:22492352	SSF x Near_LoA	-9,44601613	-0,071	0,309
CHR6	22495940	CHR6:22495940	SSF x Near_LoA	-8,85688825	-0,072	0,316
CHR6	22495954	CHR6:22495954	SSF x Near_LoA	-8,39067455	-0,010	0,301
CHR6	22498909	CHR6:22498909	SSF x Near_LoA	-6,0356548	-0,175	0,294
CHR6	22501650	CHR6:22501650	SSF x Near_LoA	-8,61193315	-0,088	0,314
CHR6	22501733	CHR6:22501733	SSF x Near_LoA	-11,4010294	-0,010	0,303
CHR6	22501861	CHR6:22501861	SSF x Near_LoA	-7,72801385	-0,050	0,313
CHR6	22501977	CHR6:22501977	SSF x Near_LoA	-8,96408012	0,055	0,330
CHR6	22522799	CHR6:22522799	SSF x Near_LoA	-9,11980668	-0,047	0,296
CHR6	22522892	CHR6:22522892	SSF x Near_LoA	-8,36918557	-0,075	0,303
CHR6	22524394	CHR6:22524394	SSF x Near_LoA	-10,4785842	-0,071	0,306
CHR6	22524488	CHR6:22524488	SSF x Near_LoA	-10,6386297	0,145	0,293
CHR6	22540092	CHR6:22540092	SSF x Near_LoA	-9,08157491	0,140	0,298
CHR6	22552113	CHR6:22552113	SSF x Near_LoA	-10,9381401	0,069	0,306
CHR6	22552135	CHR6:22552135	SSF x Near_LoA	-7,79314643	0,110	0,308
CHR6	22552137	CHR6:22552137	SSF x Near_LoA	-11,7607299	0,044	0,310
CHR6	22552156	CHR6:22552156	SSF x Near_LoA	-9,27575342	0,031	0,320
CHR6	22552168	CHR6:22552168	SSF x Near_LoA	-10,1770093	-0,025	0,310
CHR6	22552282	CHR6:22552282	SSF x Near_LoA	-10,9868954	-0,052	0,307
CHR6	22552284	CHR6:22552284	SSF x Near_LoA	-10,1301029	0,002	0,297
CHR6	2256564	CHR6:2256564	SSF x Near_LoA	-10,0802046	0,100	0,300
CHR6	2256815	CHR6:2256815	SSF x Near_LoA	-10,4198454	-0,067	0,306
CHR6	22568451	CHR6:22568451	SSF x Near_LoA	-7,63646765	0,160	0,300
CHR6	22584152	CHR6:22584152	SSF x Near_LoA	-8,40440293	-0,092	0,301
CHR6	22584178	CHR6:22584178	SSF x Near_LoA	-7,83034558	0,041	0,302
CHR6	22584220	CHR6:22584220	SSF x Near_LoA	-9,89228937	-0,008	0,282
CHR6	22584234	CHR6:22584234	SSF x Near_LoA	-9,17392245	-0,045	0,304

CHR6	22584235	CHR6:22584235	SSF x Near_LoA	-8,02633293	-0,031	0,306
CHR6	22584237	CHR6:22584237	SSF x Near_LoA	-9,14349589	-0,003	0,301
CHR6	22609391	CHR6:22609391	SSF x Near_LoA	-4,68327192	0,200	0,293
CHR6	22609538	CHR6:22609538	SSF x Near_LoA	-9,74142879	-0,012	0,298
CHR6	22612870	CHR6:22612870	SSF x Near_LoA	-12,0438697	0,016	0,311
CHR6	22612902	CHR6:22612902	SSF x Near_LoA	-0,946523	0,060	0,313
CHR6	22614159	CHR6:22614159	SSF x Near_LoA	3,98147503	0,149	0,306
CHR6	22617180	CHR6:22617180	SSF x Near_LoA	-10,4148976	0,044	0,312
CHR6	22617221	CHR6:22617221	SSF x Near_LoA	-5,53590832	-0,083	0,310
CHR6	22620992	CHR6:22620992	SSF x Near_LoA	-9,55522294	0,175	0,301
CHR6	22627991	CHR6:22627991	SSF x Near_LoA	-8,11924931	-0,079	0,322
CHR6	22631013	CHR6:22631013	SSF x Near_LoA	-9,59716492	0,006	0,303
CHR6	2263401	CHR6:2263401	SSF x Near_LoA	-8,79908101	-0,094	0,302
CHR6	2263411	CHR6:2263411	SSF x Near_LoA	-11,1659805	0,021	0,313
CHR6	2263416	CHR6:2263416	SSF x Near_LoA	-9,1734952	0,164	0,304
CHR6	2263431	CHR6:2263431	SSF x Near_LoA	-7,80229531	-0,124	0,294
CHR6	22649227	CHR6:22649227	SSF x Near_LoA	-5,47513076	-0,200	0,301
CHR6	22649230	CHR6:22649230	SSF x Near_LoA	-9,13375354	0,074	0,303
CHR6	2265792	CHR6:2265792	SSF x Near_LoA	-10,6540073	0,043	0,307
CHR6	22661705	CHR6:22661705	SSF x Near_LoA	-7,73013292	-0,043	0,314
CHR6	22668055	CHR6:22668055	SSF x Near_LoA	-9,72988913	-0,028	0,305
CHR6	22668064	CHR6:22668064	SSF x Near_LoA	-10,0605665	-0,007	0,307
CHR6	22668074	CHR6:22668074	SSF x Near_LoA	-6,62179277	-0,054	0,320
CHR6	22675795	CHR6:22675795	SSF x Near_LoA	-5,38263656	0,102	0,307
CHR6	22675796	CHR6:22675796	SSF x Near_LoA	-5,56249516	0,123	0,297
CHR6	22675907	CHR6:22675907	SSF x Near_LoA	-7,49596861	0,031	0,304
CHR6	22686118	CHR6:22686118	SSF x Near_LoA	-8,60401696	0,109	0,300
CHR6	22686197	CHR6:22686197	SSF x Near_LoA	-7,35381661	0,106	0,314
CHR6	22686277	CHR6:22686277	SSF x Near_LoA	-9,97120585	0,000	0,294
CHR6	22686328	CHR6:22686328	SSF x Near_LoA	-8,8533639	0,094	0,306
CHR6	22686338	CHR6:22686338	SSF x Near_LoA	-8,90214397	-0,014	0,312
CHR6	22686362	CHR6:22686362	SSF x Near_LoA	-8,48584365	-0,043	0,289
CHR6	22686371	CHR6:22686371	SSF x Near_LoA	-9,58340457	-0,169	0,309
CHR6	22686374	CHR6:22686374	SSF x Near_LoA	-3,19390581	-0,184	0,301
CHR6	22694160	CHR6:22694160	SSF x Near_LoA	-7,41755787	-0,081	0,303
CHR6	22694234	CHR6:22694234	SSF x Near_LoA	-6,92141906	-0,160	0,314
CHR6	22707959	CHR6:22707959	SSF x Near_LoA	-9,93175948	-0,140	0,305
CHR6	22707993	CHR6:22707993	SSF x Near_LoA	-8,92651155	0,008	0,306
CHR6	2271704	CHR6:2271704	SSF x Near_LoA	-8,29713569	-0,054	0,298
CHR6	2271856	CHR6:2271856	SSF x Near_LoA	-6,50160327	0,005	0,297
CHR6	2272503	CHR6:2272503	SSF x Near_LoA	-9,90394079	0,129	0,294
CHR6	22725920	CHR6:22725920	SSF x Near_LoA	-8,30764533	0,034	0,298
CHR6	22729899	CHR6:22729899	SSF x Near_LoA	-9,25311441	0,025	0,302
CHR6	22729905	CHR6:22729905	SSF x Near_LoA	-9,33249507	0,060	0,306
CHR6	22729940	CHR6:22729940	SSF x Near_LoA	-10,8761651	0,029	0,313
CHR6	22729950	CHR6:22729950	SSF x Near_LoA	-8,61680365	0,090	0,294
CHR6	22729998	CHR6:22729998	SSF x Near_LoA	-10,2352694	0,049	0,316
CHR6	22749956	CHR6:22749956	SSF x Near_LoA	-11,7504825	0,009	0,321
CHR6	22773824	CHR6:22773824	SSF x Near_LoA	-9,63205522	0,061	0,314
CHR6	22778285	CHR6:22778285	SSF x Near_LoA	-10,7874058	0,037	0,311
CHR6	22781295	CHR6:22781295	SSF x Near_LoA	-10,4688689	0,084	0,288
CHR6	22781475	CHR6:22781475	SSF x Near_LoA	-3,87107764	-0,033	0,316
CHR6	22781480	CHR6:22781480	SSF x Near_LoA	-9,63985443	-0,030	0,295

CHR6	22781482	CHR6:22781482	SSF x Near_LoA	-9,44316342	-0,054	0,295
CHR6	22785546	CHR6:22785546	SSF x Near_LoA	-6,14732142	0,228	0,298
CHR6	22785558	CHR6:22785558	SSF x Near_LoA	-8,53657345	-0,105	0,304
CHR6	22794030	CHR6:22794030	SSF x Near_LoA	-5,57836179	-0,136	0,292
CHR6	22794031	CHR6:22794031	SSF x Near_LoA	-6,30788219	-0,132	0,292
CHR6	22794088	CHR6:22794088	SSF x Near_LoA	-9,16487998	-0,060	0,305
CHR6	22794177	CHR6:22794177	SSF x Near_LoA	-9,50472337	0,053	0,306
CHR6	22794290	CHR6:22794290	SSF x Near_LoA	-3,50740425	0,069	0,291
CHR6	22794349	CHR6:22794349	SSF x Near_LoA	-9,61883397	-0,075	0,305
CHR6	22797907	CHR6:22797907	SSF x Near_LoA	-6,70950051	-0,151	0,287
CHR6	22797978	CHR6:22797978	SSF x Near_LoA	-8,33357942	-0,139	0,298
CHR6	22798001	CHR6:22798001	SSF x Near_LoA	-9,77767537	-0,097	0,298
CHR6	22798051	CHR6:22798051	SSF x Near_LoA	-9,18597973	0,137	0,298
CHR6	22798122	CHR6:22798122	SSF x Near_LoA	-9,18395494	0,151	0,305
CHR6	22798141	CHR6:22798141	SSF x Near_LoA	-7,582348	0,189	0,293
CHR6	2280163	CHR6:2280163	SSF x Near_LoA	-10,860194	-0,061	0,306
CHR6	2280179	CHR6:2280179	SSF x Near_LoA	-11,5524954	0,070	0,312
CHR6	2280202	CHR6:2280202	SSF x Near_LoA	1,65459502	-0,156	0,312
CHR6	2280254	CHR6:2280254	SSF x Near_LoA	-2,91845319	-0,162	0,307
CHR6	2280273	CHR6:2280273	SSF x Near_LoA	-4,98852562	-0,184	0,304
CHR6	2280298	CHR6:2280298	SSF x Near_LoA	-6,75589046	0,056	0,308
CHR6	2280315	CHR6:2280315	SSF x Near_LoA	-10,5326458	-0,078	0,294
CHR6	22815216	CHR6:22815216	SSF x Near_LoA	-11,724327	-0,031	0,309
CHR6	22815323	CHR6:22815323	SSF x Near_LoA	-7,77357507	-0,081	0,313
CHR6	22822492	CHR6:22822492	SSF x Near_LoA	-9,56936473	0,023	0,323
CHR6	22822495	CHR6:22822495	SSF x Near_LoA	-6,18834754	0,006	0,323
CHR6	22826373	CHR6:22826373	SSF x Near_LoA	-4,18118282	-0,189	0,312
CHR6	22828885	CHR6:22828885	SSF x Near_LoA	-11,4588196	0,049	0,295
CHR6	22828913	CHR6:22828913	SSF x Near_LoA	-10,1837071	0,057	0,309
CHR6	22830563	CHR6:22830563	SSF x Near_LoA	-9,91608129	0,034	0,324
CHR6	22830580	CHR6:22830580	SSF x Near_LoA	-7,46797689	0,016	0,314
CHR6	22830638	CHR6:22830638	SSF x Near_LoA	-6,38780547	-0,052	0,302
CHR6	22830851	CHR6:22830851	SSF x Near_LoA	-7,63904204	-0,062	0,297
CHR6	22833524	CHR6:22833524	SSF x Near_LoA	-11,3473841	-0,039	0,298
CHR6	22833582	CHR6:22833582	SSF x Near_LoA	-1,20750629	-0,088	0,310
CHR6	22833685	CHR6:22833685	SSF x Near_LoA	-8,6718011	-0,041	0,301
CHR6	22833695	CHR6:22833695	SSF x Near_LoA	-9,1443165	0,144	0,304
CHR6	22851154	CHR6:22851154	SSF x Near_LoA	-11,0028509	-0,016	0,301
CHR6	22851206	CHR6:22851206	SSF x Near_LoA	-7,60340464	-0,143	0,302
CHR6	22851274	CHR6:22851274	SSF x Near_LoA	-10,0427237	-0,047	0,311
CHR6	22851294	CHR6:22851294	SSF x Near_LoA	-9,44718895	0,037	0,315
CHR6	22851299	CHR6:22851299	SSF x Near_LoA	-1,50538729	-0,146	0,310
CHR6	22864358	CHR6:22864358	SSF x Near_LoA	-9,61153532	-0,042	0,309
CHR6	22870497	CHR6:22870497	SSF x Near_LoA	-11,5771556	0,037	0,308
CHR6	22870503	CHR6:22870503	SSF x Near_LoA	-8,97735344	-0,011	0,308
CHR6	22870556	CHR6:22870556	SSF x Near_LoA	-8,79892312	-0,061	0,292
CHR6	22870557	CHR6:22870557	SSF x Near_LoA	-9,69865028	-0,102	0,297
CHR6	22870570	CHR6:22870570	SSF x Near_LoA	-10,4406795	-0,077	0,303
CHR6	22870573	CHR6:22870573	SSF x Near_LoA	-7,44099164	0,035	0,316
CHR6	22870577	CHR6:22870577	SSF x Near_LoA	-7,19335371	-0,023	0,322
CHR6	22870578	CHR6:22870578	SSF x Near_LoA	-8,01585519	0,062	0,316
CHR6	22870625	CHR6:22870625	SSF x Near_LoA	-5,54052776	0,122	0,296
CHR6	22870718	CHR6:22870718	SSF x Near_LoA	-7,81205789	0,012	0,315

CHR6	22872722	CHR6:22872722	SSF x Near_LoA	-8,05229973	0,129	0,293
CHR6	22872838	CHR6:22872838	SSF x Near_LoA	-7,49314354	0,116	0,301
CHR6	22872842	CHR6:22872842	SSF x Near_LoA	-8,40116738	0,094	0,295
CHR6	22872877	CHR6:22872877	SSF x Near_LoA	-9,18034927	-0,025	0,309
CHR6	22882245	CHR6:22882245	SSF x Near_LoA	-9,35275717	0,050	0,308
CHR6	22882263	CHR6:22882263	SSF x Near_LoA	-10,8355459	0,003	0,314
CHR6	22882506	CHR6:22882506	SSF x Near_LoA	-11,1566885	0,008	0,317
CHR6	2288913	CHR6:2288913	SSF x Near_LoA	-7,44405356	-0,069	0,318
CHR6	22910508	CHR6:22910508	SSF x Near_LoA	-8,39536114	0,056	0,324
CHR6	22910599	CHR6:22910599	SSF x Near_LoA	-8,39438933	0,081	0,298
CHR6	22917299	CHR6:22917299	SSF x Near_LoA	-10,6001877	-0,039	0,311
CHR6	22926510	CHR6:22926510	SSF x Near_LoA	-11,7400679	-0,041	0,314
CHR6	22926529	CHR6:22926529	SSF x Near_LoA	-2,14618274	0,086	0,324
CHR6	22926735	CHR6:22926735	SSF x Near_LoA	-7,54843864	-0,063	0,298
CHR6	22926831	CHR6:22926831	SSF x Near_LoA	-10,5094014	0,100	0,315
CHR6	2292840	CHR6:2292840	SSF x Near_LoA	-10,8314432	-0,104	0,309
CHR6	2292958	CHR6:2292958	SSF x Near_LoA	-12,089791	0,001	0,301
CHR6	2292959	CHR6:2292959	SSF x Near_LoA	-11,5832439	0,006	0,293
CHR6	22936830	CHR6:22936830	SSF x Near_LoA	-10,5099869	0,007	0,299
CHR6	2294064	CHR6:2294064	SSF x Near_LoA	-10,7503924	-0,014	0,297
CHR6	2294083	CHR6:2294083	SSF x Near_LoA	-8,81661529	-0,003	0,321
CHR6	2294084	CHR6:2294084	SSF x Near_LoA	-8,30656453	0,019	0,314
CHR6	2294085	CHR6:2294085	SSF x Near_LoA	-9,59358148	0,022	0,306
CHR6	2294126	CHR6:2294126	SSF x Near_LoA	-12,0169713	0,018	0,292
CHR6	22953712	CHR6:22953712	SSF x Near_LoA	-9,89147484	-0,014	0,305
CHR6	22953735	CHR6:22953735	SSF x Near_LoA	-7,62193781	-0,053	0,323
CHR6	22955589	CHR6:22955589	SSF x Near_LoA	-9,95463846	-0,064	0,320
CHR6	22955666	CHR6:22955666	SSF x Near_LoA	-9,42721514	-0,029	0,307
CHR6	22955685	CHR6:22955685	SSF x Near_LoA	-9,53501964	0,008	0,303
CHR6	22955814	CHR6:22955814	SSF x Near_LoA	-11,2888968	0,038	0,310
CHR6	22957185	CHR6:22957185	SSF x Near_LoA	-9,07731025	-0,111	0,302
CHR6	22957230	CHR6:22957230	SSF x Near_LoA	-10,6460165	0,052	0,326
CHR6	22957449	CHR6:22957449	SSF x Near_LoA	-8,89625238	-0,014	0,307
CHR6	22957500	CHR6:22957500	SSF x Near_LoA	-9,1029242	0,081	0,301
CHR6	22957521	CHR6:22957521	SSF x Near_LoA	-11,1745202	0,093	0,295
CHR6	22958327	CHR6:22958327	SSF x Near_LoA	-8,5551934	0,052	0,304
CHR6	22958375	CHR6:22958375	SSF x Near_LoA	-9,64268467	0,118	0,302
CHR6	22984633	CHR6:22984633	SSF x Near_LoA	-8,29761426	-0,027	0,287
CHR6	22992745	CHR6:22992745	SSF x Near_LoA	-6,39606823	0,136	0,309
CHR6	22992778	CHR6:22992778	SSF x Near_LoA	-8,39340798	0,051	0,307
CHR6	22993011	CHR6:22993011	SSF x Near_LoA	-8,62982553	0,074	0,304
CHR6	22998870	CHR6:22998870	SSF x Near_LoA	-8,51938424	-0,019	0,322
CHR6	2299898	CHR6:2299898	SSF x Near_LoA	-10,1440296	-0,042	0,310
CHR6	23003764	CHR6:23003764	SSF x Near_LoA	-8,36958241	0,126	0,303
CHR6	23016933	CHR6:23016933	SSF x Near_LoA	-10,7997682	0,044	0,305
CHR6	23016938	CHR6:23016938	SSF x Near_LoA	-7,87525815	-0,143	0,292
CHR6	23017038	CHR6:23017038	SSF x Near_LoA	-7,71893612	0,119	0,303
CHR6	23017194	CHR6:23017194	SSF x Near_LoA	-10,1383873	-0,105	0,307
CHR6	23020961	CHR6:23020961	SSF x Near_LoA	-10,4689123	-0,087	0,295
CHR6	23021009	CHR6:23021009	SSF x Near_LoA	-10,929528	-0,070	0,306
CHR6	23024656	CHR6:23024656	SSF x Near_LoA	-9,11348322	-0,011	0,310
CHR6	23024740	CHR6:23024740	SSF x Near_LoA	-8,04828644	0,016	0,322
CHR6	23027114	CHR6:23027114	SSF x Near_LoA	-8,64431685	-0,008	0,306

CHR6	23027154	CHR6:23027154	SSF x Near_LoA	-4,88990885	0,012	0,295
CHR6	23027322	CHR6:23027322	SSF x Near_LoA	-11,5255245	0,014	0,298
CHR6	23034409	CHR6:23034409	SSF x Near_LoA	-10,647035	0,015	0,313
CHR6	23041989	CHR6:23041989	SSF x Near_LoA	-11,3227313	0,032	0,311
CHR6	23051792	CHR6:23051792	SSF x Near_LoA	-11,7736558	-0,016	0,302
CHR6	23051833	CHR6:23051833	SSF x Near_LoA	-10,6404712	-0,118	0,309
CHR6	23051852	CHR6:23051852	SSF x Near_LoA	-2,44580431	-0,070	0,301
CHR6	23052015	CHR6:23052015	SSF x Near_LoA	-6,84449268	0,083	0,303
CHR6	23060283	CHR6:23060283	SSF x Near_LoA	-10,821856	-0,071	0,292
CHR6	23068549	CHR6:23068549	SSF x Near_LoA	-11,8222285	-0,056	0,314
CHR6	23068607	CHR6:23068607	SSF x Near_LoA	-10,0318714	-0,058	0,312
CHR6	23068613	CHR6:23068613	SSF x Near_LoA	-10,4238772	-0,026	0,303
CHR6	23068618	CHR6:23068618	SSF x Near_LoA	-9,18205365	-0,076	0,316
CHR6	23068634	CHR6:23068634	SSF x Near_LoA	-9,65098689	-0,059	0,312
CHR6	23068720	CHR6:23068720	SSF x Near_LoA	-10,5955346	-0,104	0,311
CHR6	23071357	CHR6:23071357	SSF x Near_LoA	-11,5796236	-0,039	0,305
CHR6	23071435	CHR6:23071435	SSF x Near_LoA	-11,0561648	-0,035	0,316
CHR6	23071453	CHR6:23071453	SSF x Near_LoA	-8,65373782	0,017	0,316
CHR6	23071488	CHR6:23071488	SSF x Near_LoA	-8,55954502	-0,101	0,313
CHR6	23073859	CHR6:23073859	SSF x Near_LoA	-11,5937465	-0,041	0,303
CHR6	23088508	CHR6:23088508	SSF x Near_LoA	-9,46054912	-0,060	0,305
CHR6	23088523	CHR6:23088523	SSF x Near_LoA	-6,20784947	-0,014	0,320
CHR6	23088768	CHR6:23088768	SSF x Near_LoA	-9,53987714	0,066	0,302
CHR6	23088776	CHR6:23088776	SSF x Near_LoA	-10,7320633	-0,037	0,311
CHR6	23091188	CHR6:23091188	SSF x Near_LoA	-10,3934351	0,056	0,321
CHR6	2311890	CHR6:2311890	SSF x Near_LoA	-9,01247249	0,036	0,309
CHR6	2311912	CHR6:2311912	SSF x Near_LoA	-8,1823803	-0,129	0,315
CHR6	2311922	CHR6:2311922	SSF x Near_LoA	-5,86011472	0,026	0,312
CHR6	2311926	CHR6:2311926	SSF x Near_LoA	-9,12373274	-0,070	0,320
CHR6	2311943	CHR6:2311943	SSF x Near_LoA	-9,29463751	0,134	0,308
CHR6	2311964	CHR6:2311964	SSF x Near_LoA	-9,36577921	-0,002	0,314
CHR6	2312047	CHR6:2312047	SSF x Near_LoA	-9,92782039	0,081	0,324
CHR6	23128201	CHR6:23128201	SSF x Near_LoA	-9,01048072	-0,008	0,319
CHR6	23130883	CHR6:23130883	SSF x Near_LoA	-11,0799237	-0,076	0,297
CHR6	23130903	CHR6:23130903	SSF x Near_LoA	-10,021031	0,026	0,294
CHR6	2314305	CHR6:2314305	SSF x Near_LoA	-8,95506073	-0,015	0,302
CHR6	2314307	CHR6:2314307	SSF x Near_LoA	-8,64968015	-0,031	0,297
CHR6	2314348	CHR6:2314348	SSF x Near_LoA	-8,78775454	0,061	0,293
CHR6	2314380	CHR6:2314380	SSF x Near_LoA	-7,87356773	0,001	0,309
CHR6	23144412	CHR6:23144412	SSF x Near_LoA	-11,6187924	0,074	0,302
CHR6	23144440	CHR6:23144440	SSF x Near_LoA	-4,20478039	0,183	0,281
CHR6	2314456	CHR6:2314456	SSF x Near_LoA	-9,68804503	-0,087	0,303
CHR6	23144575	CHR6:23144575	SSF x Near_LoA	-9,18753959	-0,009	0,315
CHR6	2314471	CHR6:2314471	SSF x Near_LoA	-0,31565929	0,116	0,324
CHR6	2314544	CHR6:2314544	SSF x Near_LoA	-10,1512887	0,044	0,300
CHR6	23147291	CHR6:23147291	SSF x Near_LoA	-3,89360973	-0,005	0,318
CHR6	23156983	CHR6:23156983	SSF x Near_LoA	-8,71888555	0,095	0,314
CHR6	23158679	CHR6:23158679	SSF x Near_LoA	-9,15008484	0,008	0,304
CHR6	23158688	CHR6:23158688	SSF x Near_LoA	-7,65735315	0,074	0,322
CHR6	23158733	CHR6:23158733	SSF x Near_LoA	-10,803875	-0,099	0,297
CHR6	23158781	CHR6:23158781	SSF x Near_LoA	-4,48312115	0,150	0,304
CHR6	23158837	CHR6:23158837	SSF x Near_LoA	-1,2052105	-0,010	0,318
CHR6	23162539	CHR6:23162539	SSF x Near_LoA	-6,8733345	-0,044	0,307

CHR6	23162603	CHR6:23162603	SSF x Near_LoA	-10,6161549	-0,074	0,296
CHR6	23162673	CHR6:23162673	SSF x Near_LoA	-7,35962819	-0,028	0,321
CHR6	23166539	CHR6:23166539	SSF x Near_LoA	-9,86789512	0,122	0,289
CHR6	23166545	CHR6:23166545	SSF x Near_LoA	-9,10166049	-0,094	0,317
CHR6	23166564	CHR6:23166564	SSF x Near_LoA	-8,93673134	0,077	0,311
CHR6	23174157	CHR6:23174157	SSF x Near_LoA	-7,6435382	0,150	0,302
CHR6	23174158	CHR6:23174158	SSF x Near_LoA	1,81637683	0,075	0,297
CHR6	23174177	CHR6:23174177	SSF x Near_LoA	-10,421401	0,084	0,301
CHR6	23174184	CHR6:23174184	SSF x Near_LoA	-7,80117183	0,144	0,296
CHR6	23188944	CHR6:23188944	SSF x Near_LoA	-11,4529742	-0,051	0,302
CHR6	23188993	CHR6:23188993	SSF x Near_LoA	-8,2609956	0,076	0,306
CHR6	23188996	CHR6:23188996	SSF x Near_LoA	-9,09147751	0,016	0,312
CHR6	23189266	CHR6:23189266	SSF x Near_LoA	-11,279929	-0,046	0,312
CHR6	23191366	CHR6:23191366	SSF x Near_LoA	-9,79628665	0,111	0,294
CHR6	23191439	CHR6:23191439	SSF x Near_LoA	-7,95337384	0,215	0,288
CHR6	23216162	CHR6:23216162	SSF x Near_LoA	-9,45655194	-0,055	0,309
CHR6	23216235	CHR6:23216235	SSF x Near_LoA	-10,6473887	-0,085	0,304
CHR6	23216394	CHR6:23216394	SSF x Near_LoA	-8,85270165	0,075	0,302
CHR6	23216403	CHR6:23216403	SSF x Near_LoA	-9,79689484	0,089	0,299
CHR6	23216420	CHR6:23216420	SSF x Near_LoA	-7,387616	0,089	0,315
CHR6	23216428	CHR6:23216428	SSF x Near_LoA	-10,0189812	-0,099	0,303
CHR6	23223642	CHR6:23223642	SSF x Near_LoA	-8,8162503	-0,070	0,311
CHR6	23223741	CHR6:23223741	SSF x Near_LoA	-8,92977181	-0,022	0,298
CHR6	23245505	CHR6:23245505	SSF x Near_LoA	-8,47018955	-0,055	0,303
CHR6	23245511	CHR6:23245511	SSF x Near_LoA	-11,0889974	-0,079	0,312
CHR6	23245512	CHR6:23245512	SSF x Near_LoA	-7,47534978	-0,045	0,307
CHR6	23248876	CHR6:23248876	SSF x Near_LoA	-3,47720704	0,080	0,296
CHR6	23248889	CHR6:23248889	SSF x Near_LoA	-8,48928903	-0,049	0,312
CHR6	23248932	CHR6:23248932	SSF x Near_LoA	-8,3014271	-0,076	0,303
CHR6	23248948	CHR6:23248948	SSF x Near_LoA	-6,39390514	0,105	0,303
CHR6	23248956	CHR6:23248956	SSF x Near_LoA	-8,03877215	0,108	0,306
CHR6	23248990	CHR6:23248990	SSF x Near_LoA	-9,82202886	-0,038	0,310
CHR6	23254956	CHR6:23254956	SSF x Near_LoA	-8,85489831	0,021	0,307
CHR6	23260307	CHR6:23260307	SSF x Near_LoA	-10,6677205	0,064	0,316
CHR6	23270099	CHR6:23270099	SSF x Near_LoA	-9,89182446	-0,020	0,319
CHR6	23270142	CHR6:23270142	SSF x Near_LoA	-10,7726554	0,037	0,304
CHR6	23270188	CHR6:23270188	SSF x Near_LoA	-11,6321707	0,102	0,294
CHR6	2327678	CHR6:2327678	SSF x Near_LoA	-8,66551048	0,109	0,309
CHR6	2327836	CHR6:2327836	SSF x Near_LoA	-10,3618555	0,007	0,314
CHR6	2329555	CHR6:2329555	SSF x Near_LoA	-9,29855737	-0,082	0,303
CHR6	2329626	CHR6:2329626	SSF x Near_LoA	-9,50001107	-0,050	0,313
CHR6	23304813	CHR6:23304813	SSF x Near_LoA	-5,81468144	0,138	0,313
CHR6	23321630	CHR6:23321630	SSF x Near_LoA	-8,994691	-0,061	0,300
CHR6	23321721	CHR6:23321721	SSF x Near_LoA	-9,7174505	-0,065	0,306
CHR6	23345137	CHR6:23345137	SSF x Near_LoA	-7,90233749	0,090	0,302
CHR6	23351301	CHR6:23351301	SSF x Near_LoA	-11,2123427	0,030	0,311
CHR6	23354120	CHR6:23354120	SSF x Near_LoA	-9,18902585	0,048	0,298
CHR6	23354123	CHR6:23354123	SSF x Near_LoA	-6,23757975	-0,031	0,319
CHR6	23355498	CHR6:23355498	SSF x Near_LoA	-8,85981579	-0,056	0,310
CHR6	23377243	CHR6:23377243	SSF x Near_LoA	-9,48352105	0,040	0,295
CHR6	2338226	CHR6:2338226	SSF x Near_LoA	-11,5727225	-0,122	0,295
CHR6	2338240	CHR6:2338240	SSF x Near_LoA	-10,1977634	0,086	0,306
CHR6	2338253	CHR6:2338253	SSF x Near_LoA	-8,61767904	-0,008	0,311

CHR6	2338339	CHR6:2338339	SSF x Near_LoA	-9,30499212	0,011	0,312
CHR6	23389228	CHR6:23389228	SSF x Near_LoA	-9,7107651	0,072	0,310
CHR6	2340707	CHR6:2340707	SSF x Near_LoA	-4,02287533	-0,096	0,318
CHR6	2340797	CHR6:2340797	SSF x Near_LoA	-11,5560516	0,059	0,316
CHR6	2340804	CHR6:2340804	SSF x Near_LoA	-10,3331917	0,010	0,299
CHR6	2340822	CHR6:2340822	SSF x Near_LoA	-8,55397701	0,012	0,287
CHR6	2341458	CHR6:2341458	SSF x Near_LoA	-5,28099558	-0,006	0,305
CHR6	2341481	CHR6:2341481	SSF x Near_LoA	-8,49343778	-0,016	0,294
CHR6	2343236	CHR6:2343236	SSF x Near_LoA	-11,3153227	0,048	0,305
CHR6	23452810	CHR6:23452810	SSF x Near_LoA	-1,35121686	-0,122	0,309
CHR6	23461514	CHR6:23461514	SSF x Near_LoA	-9,66221397	0,084	0,306
CHR6	23461525	CHR6:23461525	SSF x Near_LoA	-11,1740131	0,025	0,304
CHR6	23461591	CHR6:23461591	SSF x Near_LoA	-10,150007	0,101	0,300
CHR6	23462356	CHR6:23462356	SSF x Near_LoA	-6,25438891	0,149	0,295
CHR6	23462428	CHR6:23462428	SSF x Near_LoA	-7,32963597	-0,112	0,306
CHR6	23465742	CHR6:23465742	SSF x Near_LoA	-9,10069983	-0,042	0,317
CHR6	23465808	CHR6:23465808	SSF x Near_LoA	-9,19578398	-0,055	0,301
CHR6	23465822	CHR6:23465822	SSF x Near_LoA	-10,8365686	0,077	0,306
CHR6	23465864	CHR6:23465864	SSF x Near_LoA	-9,23583843	-0,049	0,307
CHR6	23465905	CHR6:23465905	SSF x Near_LoA	-7,35199604	-0,075	0,313
CHR6	23465932	CHR6:23465932	SSF x Near_LoA	-6,6121689	0,086	0,299
CHR6	23469292	CHR6:23469292	SSF x Near_LoA	-8,54550038	0,052	0,317
CHR6	23469513	CHR6:23469513	SSF x Near_LoA	-7,75791736	-0,121	0,318
CHR6	23472029	CHR6:23472029	SSF x Near_LoA	-8,63196549	-0,016	0,318
CHR6	23472095	CHR6:23472095	SSF x Near_LoA	-8,93382092	-0,029	0,300
CHR6	23472137	CHR6:23472137	SSF x Near_LoA	-11,4983872	-0,003	0,314
CHR6	23474960	CHR6:23474960	SSF x Near_LoA	-7,88761431	-0,012	0,310
CHR6	23474989	CHR6:23474989	SSF x Near_LoA	-11,2105187	0,048	0,304
CHR6	234769	CHR6:234769	SSF x Near_LoA	-8,4112992	-0,088	0,303
CHR6	23478201	CHR6:23478201	SSF x Near_LoA	-9,59135368	0,067	0,311
CHR6	234808	CHR6:234808	SSF x Near_LoA	-7,87368615	-0,152	0,310
CHR6	234852	CHR6:234852	SSF x Near_LoA	-4,15338402	-0,171	0,296
CHR6	234889	CHR6:234889	SSF x Near_LoA	-9,966429	0,086	0,300
CHR6	23499133	CHR6:23499133	SSF x Near_LoA	-9,81219304	-0,025	0,293
CHR6	23503092	CHR6:23503092	SSF x Near_LoA	-9,09291963	0,177	0,281
CHR6	23504416	CHR6:23504416	SSF x Near_LoA	-6,20185809	0,092	0,304
CHR6	23504434	CHR6:23504434	SSF x Near_LoA	-8,64927305	0,030	0,305
CHR6	23504447	CHR6:23504447	SSF x Near_LoA	-10,1414712	0,130	0,312
CHR6	23504472	CHR6:23504472	SSF x Near_LoA	-9,74911445	-0,087	0,303
CHR6	23504480	CHR6:23504480	SSF x Near_LoA	-8,1193556	-0,111	0,318
CHR6	23504485	CHR6:23504485	SSF x Near_LoA	-7,60216107	0,191	0,296
CHR6	23504495	CHR6:23504495	SSF x Near_LoA	-6,56964195	-0,098	0,305
CHR6	23504616	CHR6:23504616	SSF x Near_LoA	-8,23254528	-0,080	0,320
CHR6	23519546	CHR6:23519546	SSF x Near_LoA	-11,553276	0,052	0,307
CHR6	23519577	CHR6:23519577	SSF x Near_LoA	-7,81117532	0,119	0,294
CHR6	23519579	CHR6:23519579	SSF x Near_LoA	-7,66511427	0,029	0,300
CHR6	23519639	CHR6:23519639	SSF x Near_LoA	-7,98654842	-0,012	0,308
CHR6	23531249	CHR6:23531249	SSF x Near_LoA	-10,898468	-0,105	0,292
CHR6	23531291	CHR6:23531291	SSF x Near_LoA	-8,2445031	-0,003	0,307
CHR6	23531330	CHR6:23531330	SSF x Near_LoA	-9,98194802	-0,049	0,320
CHR6	23531533	CHR6:23531533	SSF x Near_LoA	-9,07255398	0,062	0,305
CHR6	23540679	CHR6:23540679	SSF x Near_LoA	-7,56402462	0,055	0,314
CHR6	23540720	CHR6:23540720	SSF x Near_LoA	-9,85120927	0,001	0,310

CHR6	23540759	CHR6:23540759	SSF x Near_LoA	-11,9106268	0,049	0,292
CHR6	23540872	CHR6:23540872	SSF x Near_LoA	-8,49998818	-0,127	0,309
CHR6	2355224	CHR6:2355224	SSF x Near_LoA	-11,0184224	-0,145	0,299
CHR6	2355263	CHR6:2355263	SSF x Near_LoA	-2,98091462	-0,120	0,304
CHR6	23559171	CHR6:23559171	SSF x Near_LoA	-10,2127537	-0,106	0,306
CHR6	23559196	CHR6:23559196	SSF x Near_LoA	-8,59021567	-0,114	0,305
CHR6	23559241	CHR6:23559241	SSF x Near_LoA	-9,8025053	-0,136	0,302
CHR6	23559325	CHR6:23559325	SSF x Near_LoA	-6,7729037	-0,072	0,304
CHR6	23562931	CHR6:23562931	SSF x Near_LoA	-9,028003	-0,002	0,305
CHR6	23563058	CHR6:23563058	SSF x Near_LoA	-7,57639474	-0,141	0,289
CHR6	23566628	CHR6:23566628	SSF x Near_LoA	-4,75874	-0,017	0,313
CHR6	23570504	CHR6:23570504	SSF x Near_LoA	-8,32335706	0,022	0,291
CHR6	23570533	CHR6:23570533	SSF x Near_LoA	-8,4514487	0,046	0,322
CHR6	23570537	CHR6:23570537	SSF x Near_LoA	-9,07695612	0,034	0,310
CHR6	23570586	CHR6:23570586	SSF x Near_LoA	-10,5822855	0,068	0,300
CHR6	23570615	CHR6:23570615	SSF x Near_LoA	-9,05406369	0,057	0,295
CHR6	23573678	CHR6:23573678	SSF x Near_LoA	-5,79456501	-0,083	0,298
CHR6	23573742	CHR6:23573742	SSF x Near_LoA	-9,97533689	-0,012	0,307
CHR6	23574663	CHR6:23574663	SSF x Near_LoA	-9,67908559	0,044	0,309
CHR6	23577357	CHR6:23577357	SSF x Near_LoA	-10,7145037	-0,007	0,309
CHR6	23585906	CHR6:23585906	SSF x Near_LoA	-11,9405229	0,030	0,300
CHR6	23592643	CHR6:23592643	SSF x Near_LoA	-9,17809918	-0,002	0,313
CHR6	23598379	CHR6:23598379	SSF x Near_LoA	-9,0017077	0,050	0,312
CHR6	23605322	CHR6:23605322	SSF x Near_LoA	-10,0071579	-0,077	0,305
CHR6	2361987	CHR6:2361987	SSF x Near_LoA	-10,3858405	-0,090	0,299
CHR6	23622755	CHR6:23622755	SSF x Near_LoA	-10,5849385	-0,049	0,304
CHR6	23622785	CHR6:23622785	SSF x Near_LoA	-7,93630527	0,044	0,300
CHR6	23622818	CHR6:23622818	SSF x Near_LoA	-9,79758748	0,010	0,290
CHR6	23622821	CHR6:23622821	SSF x Near_LoA	-9,15086482	-0,045	0,316
CHR6	23633506	CHR6:23633506	SSF x Near_LoA	-11,0897095	-0,045	0,300
CHR6	23639242	CHR6:23639242	SSF x Near_LoA	-5,49259853	0,011	0,319
CHR6	23639263	CHR6:23639263	SSF x Near_LoA	-9,95860503	0,041	0,300
CHR6	23639280	CHR6:23639280	SSF x Near_LoA	-8,00727543	0,019	0,307
CHR6	23639281	CHR6:23639281	SSF x Near_LoA	-10,2411751	0,032	0,302
CHR6	23639310	CHR6:23639310	SSF x Near_LoA	-7,74397342	-0,023	0,307
CHR6	23639323	CHR6:23639323	SSF x Near_LoA	-9,35878477	0,052	0,300
CHR6	23649389	CHR6:23649389	SSF x Near_LoA	-8,36018608	0,120	0,297
CHR6	23649475	CHR6:23649475	SSF x Near_LoA	-5,27921121	-0,007	0,296
CHR6	23649535	CHR6:23649535	SSF x Near_LoA	-9,2344901	-0,012	0,304
CHR6	23651689	CHR6:23651689	SSF x Near_LoA	-9,14140517	-0,023	0,305
CHR6	23653301	CHR6:23653301	SSF x Near_LoA	-8,67204039	-0,136	0,296
CHR6	23656275	CHR6:23656275	SSF x Near_LoA	-10,6963063	-0,070	0,302
CHR6	23657798	CHR6:23657798	SSF x Near_LoA	-4,41623445	-0,195	0,297
CHR6	23657821	CHR6:23657821	SSF x Near_LoA	-7,98705912	0,148	0,305
CHR6	23657881	CHR6:23657881	SSF x Near_LoA	-8,97216218	0,008	0,311
CHR6	23657894	CHR6:23657894	SSF x Near_LoA	-7,8730227	-0,048	0,323
CHR6	23660477	CHR6:23660477	SSF x Near_LoA	-8,47057775	0,014	0,297
CHR6	23660901	CHR6:23660901	SSF x Near_LoA	-9,42303156	-0,149	0,300
CHR6	23660935	CHR6:23660935	SSF x Near_LoA	-8,9300552	-0,021	0,302
CHR6	23663591	CHR6:23663591	SSF x Near_LoA	-10,3853355	-0,031	0,304
CHR6	23663790	CHR6:23663790	SSF x Near_LoA	-8,46670479	-0,063	0,311
CHR6	23669138	CHR6:23669138	SSF x Near_LoA	-6,54284765	0,074	0,318
CHR6	23670134	CHR6:23670134	SSF x Near_LoA	-7,70621249	0,000	0,316

CHR6	23673259	CHR6:23673259	SSF x Near_LoA	2,04723284	-0,022	0,322
CHR6	23673383	CHR6:23673383	SSF x Near_LoA	-9,80956329	0,006	0,305
CHR6	23673404	CHR6:23673404	SSF x Near_LoA	-8,27961426	-0,124	0,291
CHR6	23673412	CHR6:23673412	SSF x Near_LoA	-7,39309092	0,091	0,301
CHR6	23673427	CHR6:23673427	SSF x Near_LoA	-8,90513957	0,010	0,293
CHR6	23673477	CHR6:23673477	SSF x Near_LoA	-9,13743744	0,036	0,308
CHR6	23682429	CHR6:23682429	SSF x Near_LoA	-10,7486119	-0,008	0,296
CHR6	23682435	CHR6:23682435	SSF x Near_LoA	-10,237201	0,000	0,320
CHR6	23683828	CHR6:23683828	SSF x Near_LoA	-1,14683578	0,031	0,298
CHR6	23683886	CHR6:23683886	SSF x Near_LoA	-10,2204977	-0,086	0,309
CHR6	23684009	CHR6:23684009	SSF x Near_LoA	-8,73663119	-0,073	0,309
CHR6	23710191	CHR6:23710191	SSF x Near_LoA	-8,01396442	0,009	0,326
CHR6	23710236	CHR6:23710236	SSF x Near_LoA	-7,15411038	-0,030	0,313
CHR6	23710258	CHR6:23710258	SSF x Near_LoA	-8,48658446	-0,089	0,320
CHR6	23718088	CHR6:23718088	SSF x Near_LoA	-8,33533579	-0,072	0,315
CHR6	23726249	CHR6:23726249	SSF x Near_LoA	-10,7154856	-0,139	0,290
CHR6	23730475	CHR6:23730475	SSF x Near_LoA	-8,48549461	-0,071	0,319
CHR6	23730549	CHR6:23730549	SSF x Near_LoA	-10,5049793	0,001	0,310
CHR6	23786659	CHR6:23786659	SSF x Near_LoA	-8,88124315	-0,155	0,292
CHR6	2379576	CHR6:2379576	SSF x Near_LoA	-6,91458048	0,020	0,302
CHR6	2379581	CHR6:2379581	SSF x Near_LoA	-7,84374282	-0,078	0,305
CHR6	2379621	CHR6:2379621	SSF x Near_LoA	-9,45255654	0,070	0,308
CHR6	2379648	CHR6:2379648	SSF x Near_LoA	-10,4072191	0,126	0,302
CHR6	2379659	CHR6:2379659	SSF x Near_LoA	-10,2368595	0,051	0,318
CHR6	2379688	CHR6:2379688	SSF x Near_LoA	-9,17707091	-0,045	0,317
CHR6	2379698	CHR6:2379698	SSF x Near_LoA	-10,0990133	0,104	0,289
CHR6	23802524	CHR6:23802524	SSF x Near_LoA	-8,14706774	-0,098	0,300
CHR6	23802541	CHR6:23802541	SSF x Near_LoA	-6,48648313	-0,109	0,311
CHR6	23805744	CHR6:23805744	SSF x Near_LoA	-10,6593479	-0,098	0,323
CHR6	23805792	CHR6:23805792	SSF x Near_LoA	-10,0361474	-0,080	0,310
CHR6	23817827	CHR6:23817827	SSF x Near_LoA	-7,62066476	0,091	0,324
CHR6	23819183	CHR6:23819183	SSF x Near_LoA	-6,26362194	0,123	0,307
CHR6	23819359	CHR6:23819359	SSF x Near_LoA	-8,37773989	-0,036	0,319
CHR6	2381992	CHR6:2381992	SSF x Near_LoA	-9,96764754	-0,140	0,311
CHR6	2383169	CHR6:2383169	SSF x Near_LoA	-9,74443345	-0,006	0,311
CHR6	2383218	CHR6:2383218	SSF x Near_LoA	-10,0475462	-0,078	0,303
CHR6	23834036	CHR6:23834036	SSF x Near_LoA	-8,95539874	-0,018	0,310
CHR6	2385057	CHR6:2385057	SSF x Near_LoA	-10,4045006	-0,034	0,301
CHR6	2385271	CHR6:2385271	SSF x Near_LoA	-8,13190283	0,103	0,287
CHR6	23875098	CHR6:23875098	SSF x Near_LoA	-10,67947	0,060	0,309
CHR6	23880632	CHR6:23880632	SSF x Near_LoA	-10,6323204	-0,007	0,311
CHR6	23880671	CHR6:23880671	SSF x Near_LoA	-11,4528637	0,008	0,315
CHR6	23885054	CHR6:23885054	SSF x Near_LoA	-5,43250813	0,159	0,292
CHR6	23885238	CHR6:23885238	SSF x Near_LoA	-11,3381547	-0,043	0,306
CHR6	2390111	CHR6:2390111	SSF x Near_LoA	-5,91348777	-0,051	0,302
CHR6	2390215	CHR6:2390215	SSF x Near_LoA	-8,96409375	-0,006	0,318
CHR6	23912381	CHR6:23912381	SSF x Near_LoA	-9,91678261	0,012	0,305
CHR6	23912388	CHR6:23912388	SSF x Near_LoA	-9,59204716	0,021	0,284
CHR6	23912403	CHR6:23912403	SSF x Near_LoA	-7,99920547	0,047	0,311
CHR6	23912557	CHR6:23912557	SSF x Near_LoA	-9,47442844	-0,040	0,313
CHR6	23912573	CHR6:23912573	SSF x Near_LoA	-8,51116368	-0,033	0,314
CHR6	23912597	CHR6:23912597	SSF x Near_LoA	-8,32180506	-0,013	0,318
CHR6	23912608	CHR6:23912608	SSF x Near_LoA	-7,56288	0,112	0,300

CHR6	23922275	CHR6:23922275	SSF x Near_LoA	-11,4348187	-0,045	0,313
CHR6	23922330	CHR6:23922330	SSF x Near_LoA	-6,98013899	-0,113	0,301
CHR6	23922338	CHR6:23922338	SSF x Near_LoA	-10,8377346	-0,046	0,305
CHR6	23924604	CHR6:23924604	SSF x Near_LoA	-9,8656524	-0,069	0,308
CHR6	23929112	CHR6:23929112	SSF x Near_LoA	-11,2238947	-0,003	0,310
CHR6	23929206	CHR6:23929206	SSF x Near_LoA	-10,4115566	-0,002	0,306
CHR6	23929214	CHR6:23929214	SSF x Near_LoA	-11,4609171	-0,030	0,316
CHR6	23929232	CHR6:23929232	SSF x Near_LoA	-10,1581707	-0,017	0,310
CHR6	23929337	CHR6:23929337	SSF x Near_LoA	-8,14584083	0,029	0,304
CHR6	23930741	CHR6:23930741	SSF x Near_LoA	-9,37218855	0,134	0,297
CHR6	23930835	CHR6:23930835	SSF x Near_LoA	-6,19812425	0,096	0,299
CHR6	23930935	CHR6:23930935	SSF x Near_LoA	-9,40842926	0,003	0,309
CHR6	23931028	CHR6:23931028	SSF x Near_LoA	-6,94446456	-0,133	0,293
CHR6	23934632	CHR6:23934632	SSF x Near_LoA	-9,7257473	0,010	0,319
CHR6	23951631	CHR6:23951631	SSF x Near_LoA	-10,0742535	-0,117	0,305
CHR6	23951702	CHR6:23951702	SSF x Near_LoA	-8,68143151	-0,014	0,305
CHR6	2395231	CHR6:2395231	SSF x Near_LoA	-10,1111861	-0,130	0,305
CHR6	23968064	CHR6:23968064	SSF x Near_LoA	-8,69136599	0,056	0,291
CHR6	23968163	CHR6:23968163	SSF x Near_LoA	-9,30850436	0,126	0,294
CHR6	23980581	CHR6:23980581	SSF x Near_LoA	-9,41721123	-0,038	0,302
CHR6	24017433	CHR6:24017433	SSF x Near_LoA	-8,86201264	-0,112	0,308
CHR6	24017447	CHR6:24017447	SSF x Near_LoA	-9,70790328	0,027	0,312
CHR6	24026362	CHR6:24026362	SSF x Near_LoA	-9,74926339	0,118	0,306
CHR6	24026399	CHR6:24026399	SSF x Near_LoA	-10,6494987	0,044	0,317
CHR6	24028256	CHR6:24028256	SSF x Near_LoA	-8,44314481	0,021	0,311
CHR6	24028263	CHR6:24028263	SSF x Near_LoA	-8,98435462	0,001	0,308
CHR6	24028279	CHR6:24028279	SSF x Near_LoA	-7,27578758	0,095	0,312
CHR6	24030885	CHR6:24030885	SSF x Near_LoA	-10,6489628	0,036	0,307
CHR6	24030922	CHR6:24030922	SSF x Near_LoA	-9,39205026	0,011	0,315
CHR6	24030934	CHR6:24030934	SSF x Near_LoA	-9,20338263	-0,043	0,314
CHR6	24042288	CHR6:24042288	SSF x Near_LoA	-10,1616834	-0,008	0,316
CHR6	24042388	CHR6:24042388	SSF x Near_LoA	-9,06396542	-0,105	0,300
CHR6	24042546	CHR6:24042546	SSF x Near_LoA	-10,2665027	0,061	0,320
CHR6	24065431	CHR6:24065431	SSF x Near_LoA	-4,03619717	0,095	0,311
CHR6	24065472	CHR6:24065472	SSF x Near_LoA	-9,28033693	0,008	0,316
CHR6	24065474	CHR6:24065474	SSF x Near_LoA	-7,37218704	0,057	0,312
CHR6	240786	CHR6:240786	SSF x Near_LoA	-6,60867034	0,166	0,287
CHR6	2408334	CHR6:2408334	SSF x Near_LoA	-6,6537979	-0,043	0,317
CHR6	2408450	CHR6:2408450	SSF x Near_LoA	-11,2025911	-0,048	0,308
CHR6	24086179	CHR6:24086179	SSF x Near_LoA	-8,9417775	0,004	0,287
CHR6	24086187	CHR6:24086187	SSF x Near_LoA	-9,77697608	0,073	0,301
CHR6	24086473	CHR6:24086473	SSF x Near_LoA	-10,1938503	-0,045	0,306
CHR6	24086502	CHR6:24086502	SSF x Near_LoA	-6,21001189	0,039	0,305
CHR6	24086553	CHR6:24086553	SSF x Near_LoA	-8,8242534	-0,079	0,314
CHR6	24086579	CHR6:24086579	SSF x Near_LoA	-8,58256355	-0,172	0,308
CHR6	24093891	CHR6:24093891	SSF x Near_LoA	-10,5859676	0,102	0,306
CHR6	24095007	CHR6:24095007	SSF x Near_LoA	-11,3148567	-0,042	0,301
CHR6	24095025	CHR6:24095025	SSF x Near_LoA	-8,36880168	-0,070	0,310
CHR6	24095031	CHR6:24095031	SSF x Near_LoA	-5,06108016	-0,147	0,315
CHR6	24095101	CHR6:24095101	SSF x Near_LoA	0,8540479	0,096	0,317
CHR6	24097389	CHR6:24097389	SSF x Near_LoA	-9,56509133	0,164	0,298
CHR6	24097430	CHR6:24097430	SSF x Near_LoA	-9,61010182	-0,099	0,309
CHR6	2409976	CHR6:2409976	SSF x Near_LoA	-8,16299107	-0,051	0,310

CHR6	2410023	CHR6:2410023	SSF x Near_LoA	-9,66347725	0,042	0,298
CHR6	2410048	CHR6:2410048	SSF x Near_LoA	-9,11129133	0,044	0,312
CHR6	2410128	CHR6:2410128	SSF x Near_LoA	-8,8585213	0,045	0,301
CHR6	24105161	CHR6:24105161	SSF x Near_LoA	-9,14517858	0,019	0,302
CHR6	24105229	CHR6:24105229	SSF x Near_LoA	-9,30357306	0,052	0,307
CHR6	24105236	CHR6:24105236	SSF x Near_LoA	-11,3275043	0,164	0,284
CHR6	24105302	CHR6:24105302	SSF x Near_LoA	-8,96786939	0,054	0,289
CHR6	24112960	CHR6:24112960	SSF x Near_LoA	-12,0062734	-0,019	0,311
CHR6	24121753	CHR6:24121753	SSF x Near_LoA	-9,13053602	0,046	0,303
CHR6	24121803	CHR6:24121803	SSF x Near_LoA	-8,87993999	0,102	0,295
CHR6	24121918	CHR6:24121918	SSF x Near_LoA	-6,32835353	-0,088	0,310
CHR6	24133545	CHR6:24133545	SSF x Near_LoA	-9,30905689	-0,053	0,315
CHR6	24133594	CHR6:24133594	SSF x Near_LoA	-4,29550437	-0,085	0,320
CHR6	24133633	CHR6:24133633	SSF x Near_LoA	-7,8744009	-0,011	0,318
CHR6	24133637	CHR6:24133637	SSF x Near_LoA	-8,34748707	0,041	0,308
CHR6	24133648	CHR6:24133648	SSF x Near_LoA	-10,6543374	-0,039	0,300
CHR6	24133652	CHR6:24133652	SSF x Near_LoA	-0,98552911	0,035	0,321
CHR6	24133746	CHR6:24133746	SSF x Near_LoA	-10,2653977	-0,034	0,307
CHR6	24135337	CHR6:24135337	SSF x Near_LoA	-9,99533698	-0,067	0,304
CHR6	24135524	CHR6:24135524	SSF x Near_LoA	-8,8373335	0,013	0,310
CHR6	24157153	CHR6:24157153	SSF x Near_LoA	-4,43396166	-0,191	0,309
CHR6	24157206	CHR6:24157206	SSF x Near_LoA	-8,80050567	0,024	0,315
CHR6	24157307	CHR6:24157307	SSF x Near_LoA	-8,69392848	-0,102	0,311
CHR6	24157313	CHR6:24157313	SSF x Near_LoA	-8,96446624	-0,014	0,290
CHR6	24157353	CHR6:24157353	SSF x Near_LoA	-8,52331206	0,000	0,311
CHR6	24157360	CHR6:24157360	SSF x Near_LoA	-11,5835895	-0,078	0,304
CHR6	24157382	CHR6:24157382	SSF x Near_LoA	-9,72231156	0,024	0,297
CHR6	2415969	CHR6:2415969	SSF x Near_LoA	-8,41508953	-0,035	0,307
CHR6	24164774	CHR6:24164774	SSF x Near_LoA	-8,73367713	0,061	0,306
CHR6	24164779	CHR6:24164779	SSF x Near_LoA	-10,5094993	-0,012	0,306
CHR6	24164802	CHR6:24164802	SSF x Near_LoA	-9,05358836	-0,001	0,303
CHR6	24164809	CHR6:24164809	SSF x Near_LoA	-9,36393435	-0,006	0,306
CHR6	24164817	CHR6:24164817	SSF x Near_LoA	-9,33872227	-0,069	0,311
CHR6	24164882	CHR6:24164882	SSF x Near_LoA	-9,41673945	0,108	0,316
CHR6	24164897	CHR6:24164897	SSF x Near_LoA	-9,28955774	0,012	0,307
CHR6	24164916	CHR6:24164916	SSF x Near_LoA	-10,2149801	-0,019	0,295
CHR6	24164957	CHR6:24164957	SSF x Near_LoA	-8,31003196	-0,021	0,312
CHR6	24164967	CHR6:24164967	SSF x Near_LoA	-10,2382519	-0,057	0,310
CHR6	24164987	CHR6:24164987	SSF x Near_LoA	-12,2395124	-0,026	0,305
CHR6	24164988	CHR6:24164988	SSF x Near_LoA	-10,8093748	0,013	0,318
CHR6	24164997	CHR6:24164997	SSF x Near_LoA	-11,181894	-0,024	0,315
CHR6	24164999	CHR6:24164999	SSF x Near_LoA	-9,9819723	0,017	0,317
CHR6	24165001	CHR6:24165001	SSF x Near_LoA	-5,90051493	0,060	0,310
CHR6	24165006	CHR6:24165006	SSF x Near_LoA	-11,482454	0,021	0,298
CHR6	24168647	CHR6:24168647	SSF x Near_LoA	-8,59333526	-0,017	0,309
CHR6	24168674	CHR6:24168674	SSF x Near_LoA	-9,6285655	-0,023	0,322
CHR6	24171890	CHR6:24171890	SSF x Near_LoA	-8,23806184	0,073	0,308
CHR6	24171935	CHR6:24171935	SSF x Near_LoA	-8,099609	0,077	0,293
CHR6	24172001	CHR6:24172001	SSF x Near_LoA	-8,71629254	0,036	0,315
CHR6	24172017	CHR6:24172017	SSF x Near_LoA	-10,1362267	-0,148	0,298
CHR6	24172026	CHR6:24172026	SSF x Near_LoA	-8,457024	-0,159	0,298
CHR6	24174492	CHR6:24174492	SSF x Near_LoA	-8,31627985	0,135	0,287
CHR6	24174529	CHR6:24174529	SSF x Near_LoA	-9,18955929	0,224	0,290

CHR6	24174551	CHR6:24174551	SSF x Near_LoA	-7,31342236	0,117	0,310
CHR6	24174553	CHR6:24174553	SSF x Near_LoA	-5,42826034	0,125	0,327
CHR6	24175754	CHR6:24175754	SSF x Near_LoA	-9,3462548	0,066	0,323
CHR6	24175755	CHR6:24175755	SSF x Near_LoA	-5,47942267	-0,145	0,312
CHR6	24175812	CHR6:24175812	SSF x Near_LoA	-9,30975683	0,029	0,292
CHR6	24175838	CHR6:24175838	SSF x Near_LoA	-9,01115153	-0,049	0,308
CHR6	24175937	CHR6:24175937	SSF x Near_LoA	-9,84267147	-0,072	0,292
CHR6	24176018	CHR6:24176018	SSF x Near_LoA	-7,13567318	0,151	0,310
CHR6	24176020	CHR6:24176020	SSF x Near_LoA	-7,01568963	0,210	0,295
CHR6	2418031	CHR6:2418031	SSF x Near_LoA	-9,21458234	0,043	0,298
CHR6	2418044	CHR6:2418044	SSF x Near_LoA	-9,3186972	0,027	0,323
CHR6	2418088	CHR6:2418088	SSF x Near_LoA	-5,22793966	-0,149	0,302
CHR6	2418103	CHR6:2418103	SSF x Near_LoA	-10,7152403	0,001	0,322
CHR6	2418211	CHR6:2418211	SSF x Near_LoA	-10,3577041	-0,061	0,304
CHR6	24192775	CHR6:24192775	SSF x Near_LoA	-11,1965651	0,050	0,304
CHR6	24192825	CHR6:24192825	SSF x Near_LoA	-8,89286102	0,100	0,302
CHR6	24192860	CHR6:24192860	SSF x Near_LoA	-11,0498481	0,058	0,303
CHR6	24198611	CHR6:24198611	SSF x Near_LoA	-10,9923272	-0,011	0,300
CHR6	24198699	CHR6:24198699	SSF x Near_LoA	-10,9841932	0,068	0,301
CHR6	24203582	CHR6:24203582	SSF x Near_LoA	-8,18487657	-0,001	0,312
CHR6	24203670	CHR6:24203670	SSF x Near_LoA	-9,9442017	-0,006	0,306
CHR6	24203713	CHR6:24203713	SSF x Near_LoA	-9,2429816	0,045	0,317
CHR6	24203743	CHR6:24203743	SSF x Near_LoA	-10,5389891	-0,139	0,292
CHR6	24203783	CHR6:24203783	SSF x Near_LoA	-10,6301206	-0,070	0,307
CHR6	24203814	CHR6:24203814	SSF x Near_LoA	-8,40730304	-0,059	0,306
CHR6	2420854	CHR6:2420854	SSF x Near_LoA	-11,857492	0,018	0,297
CHR6	24219160	CHR6:24219160	SSF x Near_LoA	-8,96260911	-0,084	0,288
CHR6	24219161	CHR6:24219161	SSF x Near_LoA	-11,880141	-0,079	0,304
CHR6	24220620	CHR6:24220620	SSF x Near_LoA	-10,6446714	-0,012	0,303
CHR6	24228568	CHR6:24228568	SSF x Near_LoA	-11,5994656	-0,024	0,302
CHR6	24228685	CHR6:24228685	SSF x Near_LoA	-10,6405093	-0,032	0,305
CHR6	24228686	CHR6:24228686	SSF x Near_LoA	-9,8546552	-0,024	0,316
CHR6	24228697	CHR6:24228697	SSF x Near_LoA	-8,22156862	-0,021	0,311
CHR6	24228700	CHR6:24228700	SSF x Near_LoA	-8,70075006	0,094	0,291
CHR6	24234791	CHR6:24234791	SSF x Near_LoA	-10,8260344	-0,019	0,306
CHR6	24234807	CHR6:24234807	SSF x Near_LoA	-10,6309042	-0,041	0,307
CHR6	24234873	CHR6:24234873	SSF x Near_LoA	-11,2597177	-0,003	0,308
CHR6	24238814	CHR6:24238814	SSF x Near_LoA	-10,4493665	-0,097	0,286
CHR6	24240560	CHR6:24240560	SSF x Near_LoA	-9,22363839	0,050	0,307
CHR6	24240570	CHR6:24240570	SSF x Near_LoA	-9,16037216	0,025	0,306
CHR6	2424117	CHR6:2424117	SSF x Near_LoA	-10,4324791	-0,029	0,316
CHR6	2424233	CHR6:2424233	SSF x Near_LoA	-5,70346237	-0,014	0,301
CHR6	24259964	CHR6:24259964	SSF x Near_LoA	-8,93054865	-0,006	0,310
CHR6	24260041	CHR6:24260041	SSF x Near_LoA	-10,9615328	0,095	0,306
CHR6	24260044	CHR6:24260044	SSF x Near_LoA	-10,3050112	0,112	0,302
CHR6	24260057	CHR6:24260057	SSF x Near_LoA	-11,4843205	0,121	0,303
CHR6	24260147	CHR6:24260147	SSF x Near_LoA	-11,2044268	-0,052	0,312
CHR6	24260176	CHR6:24260176	SSF x Near_LoA	-9,18777685	0,034	0,302
CHR6	24260254	CHR6:24260254	SSF x Near_LoA	-8,0733892	-0,080	0,308
CHR6	24266428	CHR6:24266428	SSF x Near_LoA	-6,76800105	0,111	0,299
CHR6	24266507	CHR6:24266507	SSF x Near_LoA	-11,272009	0,003	0,287
CHR6	24266622	CHR6:24266622	SSF x Near_LoA	-9,89208522	-0,016	0,302
CHR6	24266626	CHR6:24266626	SSF x Near_LoA	-8,99857664	0,050	0,318

CHR6	24266652	CHR6:24266652	SSF x Near_LoA	-8,80544806	0,037	0,304
CHR6	24266660	CHR6:24266660	SSF x Near_LoA	-8,72344678	0,030	0,324
CHR6	24266677	CHR6:24266677	SSF x Near_LoA	-8,27322661	-0,069	0,313
CHR6	24266680	CHR6:24266680	SSF x Near_LoA	-8,64482401	0,025	0,303
CHR6	2427738	CHR6:2427738	SSF x Near_LoA	-9,26778388	-0,056	0,300
CHR6	2427767	CHR6:2427767	SSF x Near_LoA	-9,234923	-0,152	0,293
CHR6	2427777	CHR6:2427777	SSF x Near_LoA	-10,7379544	-0,151	0,296
CHR6	2427907	CHR6:2427907	SSF x Near_LoA	-5,3278026	-0,135	0,304
CHR6	24284953	CHR6:24284953	SSF x Near_LoA	-9,60375186	-0,085	0,299
CHR6	24285009	CHR6:24285009	SSF x Near_LoA	-7,49972517	-0,136	0,293
CHR6	24285069	CHR6:24285069	SSF x Near_LoA	-11,5357128	-0,055	0,293
CHR6	24285071	CHR6:24285071	SSF x Near_LoA	-11,6048361	-0,061	0,308
CHR6	24285099	CHR6:24285099	SSF x Near_LoA	-7,06819491	-0,015	0,307
CHR6	24293151	CHR6:24293151	SSF x Near_LoA	-7,60416976	0,130	0,304
CHR6	24295355	CHR6:24295355	SSF x Near_LoA	-4,54423244	-0,089	0,299
CHR6	24297440	CHR6:24297440	SSF x Near_LoA	-10,1853641	-0,044	0,299
CHR6	2430447	CHR6:2430447	SSF x Near_LoA	-10,2529762	-0,059	0,303
CHR6	2430465	CHR6:2430465	SSF x Near_LoA	-9,82779192	-0,094	0,300
CHR6	2430466	CHR6:2430466	SSF x Near_LoA	-10,8051877	-0,017	0,316
CHR6	2430523	CHR6:2430523	SSF x Near_LoA	-6,73865436	-0,015	0,325
CHR6	2430549	CHR6:2430549	SSF x Near_LoA	-10,633152	-0,012	0,302
CHR6	24316580	CHR6:24316580	SSF x Near_LoA	-9,67854982	-0,073	0,312
CHR6	2432256	CHR6:2432256	SSF x Near_LoA	-11,5447834	-0,044	0,300
CHR6	2432257	CHR6:2432257	SSF x Near_LoA	-11,6183997	-0,037	0,308
CHR6	2432261	CHR6:2432261	SSF x Near_LoA	-10,2513605	0,021	0,298
CHR6	24324724	CHR6:24324724	SSF x Near_LoA	-8,85924098	0,011	0,318
CHR6	24324819	CHR6:24324819	SSF x Near_LoA	-9,21446951	0,170	0,298
CHR6	24324830	CHR6:24324830	SSF x Near_LoA	-9,63966287	0,177	0,293
CHR6	2434154	CHR6:2434154	SSF x Near_LoA	-7,33776292	-0,150	0,307
CHR6	2434172	CHR6:2434172	SSF x Near_LoA	-8,2275367	0,046	0,316
CHR6	2434266	CHR6:2434266	SSF x Near_LoA	-7,99425858	0,059	0,298
CHR6	2434286	CHR6:2434286	SSF x Near_LoA	-8,1105303	-0,086	0,304
CHR6	2434311	CHR6:2434311	SSF x Near_LoA	-8,25619628	-0,042	0,305
CHR6	24352026	CHR6:24352026	SSF x Near_LoA	-11,876997	0,018	0,292
CHR6	24352042	CHR6:24352042	SSF x Near_LoA	-8,55391084	0,022	0,302
CHR6	24352083	CHR6:24352083	SSF x Near_LoA	-8,72616486	0,012	0,311
CHR6	24352087	CHR6:24352087	SSF x Near_LoA	-11,3995904	-0,128	0,305
CHR6	24352142	CHR6:24352142	SSF x Near_LoA	-10,2004677	0,002	0,298
CHR6	24356299	CHR6:24356299	SSF x Near_LoA	-9,41894586	-0,024	0,325
CHR6	24356344	CHR6:24356344	SSF x Near_LoA	-10,713403	-0,029	0,290
CHR6	24356368	CHR6:24356368	SSF x Near_LoA	-9,75655992	-0,066	0,315
CHR6	24360300	CHR6:24360300	SSF x Near_LoA	-9,14460997	0,155	0,310
CHR6	24364307	CHR6:24364307	SSF x Near_LoA	-10,0553243	0,083	0,308
CHR6	24364346	CHR6:24364346	SSF x Near_LoA	-9,36834461	0,068	0,302
CHR6	24367724	CHR6:24367724	SSF x Near_LoA	-8,79777682	0,024	0,290
CHR6	24367737	CHR6:24367737	SSF x Near_LoA	-4,99869391	0,191	0,296
CHR6	24367787	CHR6:24367787	SSF x Near_LoA	-9,11522617	-0,007	0,318
CHR6	24367839	CHR6:24367839	SSF x Near_LoA	-8,26856694	-0,127	0,299
CHR6	24367933	CHR6:24367933	SSF x Near_LoA	-8,02024351	0,007	0,319
CHR6	24370462	CHR6:24370462	SSF x Near_LoA	-6,87765351	0,120	0,315
CHR6	24370498	CHR6:24370498	SSF x Near_LoA	-7,91184028	0,156	0,302
CHR6	24370500	CHR6:24370500	SSF x Near_LoA	-8,88863245	0,151	0,297
CHR6	24370984	CHR6:24370984	SSF x Near_LoA	-10,6606297	0,035	0,317

CHR6	24376895	CHR6:24376895	SSF x Near_LoA	-8,08372417	-0,136	0,310
CHR6	24376932	CHR6:24376932	SSF x Near_LoA	-6,73606402	0,187	0,308
CHR6	24376934	CHR6:24376934	SSF x Near_LoA	-8,59979413	-0,033	0,305
CHR6	24376948	CHR6:24376948	SSF x Near_LoA	-7,6591699	-0,008	0,311
CHR6	24376949	CHR6:24376949	SSF x Near_LoA	-8,37834704	0,034	0,313
CHR6	24376963	CHR6:24376963	SSF x Near_LoA	-9,69448657	-0,011	0,307
CHR6	24376984	CHR6:24376984	SSF x Near_LoA	-2,59923531	-0,069	0,304
CHR6	24377040	CHR6:24377040	SSF x Near_LoA	-9,35055311	0,070	0,302
CHR6	24382410	CHR6:24382410	SSF x Near_LoA	-9,22895665	0,041	0,305
CHR6	24382431	CHR6:24382431	SSF x Near_LoA	-10,5713377	0,046	0,289
CHR6	24382445	CHR6:24382445	SSF x Near_LoA	-9,04342488	-0,044	0,309
CHR6	24382481	CHR6:24382481	SSF x Near_LoA	-9,08438533	0,056	0,299
CHR6	24382797	CHR6:24382797	SSF x Near_LoA	-10,891645	-0,007	0,315
CHR6	24386863	CHR6:24386863	SSF x Near_LoA	-9,80153999	0,076	0,315
CHR6	24386934	CHR6:24386934	SSF x Near_LoA	-6,16354337	0,042	0,311
CHR6	24386962	CHR6:24386962	SSF x Near_LoA	-10,1294146	-0,036	0,311
CHR6	2439159	CHR6:2439159	SSF x Near_LoA	-7,84319254	0,071	0,311
CHR6	24394600	CHR6:24394600	SSF x Near_LoA	-9,61710351	-0,055	0,313
CHR6	24394637	CHR6:24394637	SSF x Near_LoA	-10,7697755	-0,029	0,296
CHR6	24394873	CHR6:24394873	SSF x Near_LoA	-9,60056144	0,077	0,313
CHR6	24394886	CHR6:24394886	SSF x Near_LoA	-10,4423379	-0,052	0,321
CHR6	24394908	CHR6:24394908	SSF x Near_LoA	-9,4365994	0,009	0,312
CHR6	24405675	CHR6:24405675	SSF x Near_LoA	-7,2196152	-0,101	0,305
CHR6	24405737	CHR6:24405737	SSF x Near_LoA	-8,32060384	0,055	0,305
CHR6	24415277	CHR6:24415277	SSF x Near_LoA	-9,42849562	-0,015	0,305
CHR6	24425172	CHR6:24425172	SSF x Near_LoA	-11,1789875	0,021	0,308
CHR6	24425211	CHR6:24425211	SSF x Near_LoA	-11,2273397	0,017	0,305
CHR6	24425385	CHR6:24425385	SSF x Near_LoA	-10,8555764	0,008	0,314
CHR6	24425415	CHR6:24425415	SSF x Near_LoA	-6,72846969	-0,007	0,309
CHR6	24425421	CHR6:24425421	SSF x Near_LoA	-9,81475769	-0,013	0,320
CHR6	24425428	CHR6:24425428	SSF x Near_LoA	-10,375363	-0,026	0,315
CHR6	24425437	CHR6:24425437	SSF x Near_LoA	-10,7415863	0,008	0,315
CHR6	24425439	CHR6:24425439	SSF x Near_LoA	-10,0752699	-0,018	0,318
CHR6	24425441	CHR6:24425441	SSF x Near_LoA	-7,62062952	-0,010	0,315
CHR6	24425492	CHR6:24425492	SSF x Near_LoA	-9,49178289	0,119	0,308
CHR6	24438794	CHR6:24438794	SSF x Near_LoA	-9,16443229	-0,010	0,308
CHR6	24438800	CHR6:24438800	SSF x Near_LoA	-8,78550349	-0,043	0,305
CHR6	24438811	CHR6:24438811	SSF x Near_LoA	-9,2140518	0,142	0,308
CHR6	24438815	CHR6:24438815	SSF x Near_LoA	-5,16025149	0,050	0,318
CHR6	24438826	CHR6:24438826	SSF x Near_LoA	6,42083635	-0,235	0,275
CHR6	24438830	CHR6:24438830	SSF x Near_LoA	-8,50445303	0,155	0,292
CHR6	24438879	CHR6:24438879	SSF x Near_LoA	-3,9262653	0,128	0,292
CHR6	24438916	CHR6:24438916	SSF x Near_LoA	-10,4659544	-0,109	0,306
CHR6	24439634	CHR6:24439634	SSF x Near_LoA	-9,08213029	-0,013	0,310
CHR6	24440532	CHR6:24440532	SSF x Near_LoA	-10,3377585	0,111	0,298
CHR6	24440572	CHR6:24440572	SSF x Near_LoA	-9,9839449	0,064	0,303
CHR6	24458536	CHR6:24458536	SSF x Near_LoA	-8,54837187	-0,069	0,311
CHR6	24458538	CHR6:24458538	SSF x Near_LoA	-10,5977117	0,041	0,312
CHR6	24458572	CHR6:24458572	SSF x Near_LoA	-8,82113047	0,010	0,320
CHR6	24460408	CHR6:24460408	SSF x Near_LoA	1,66531855	0,082	0,309
CHR6	24461674	CHR6:24461674	SSF x Near_LoA	-10,0100286	-0,069	0,310
CHR6	24461778	CHR6:24461778	SSF x Near_LoA	-9,02467068	0,000	0,304
CHR6	24461779	CHR6:24461779	SSF x Near_LoA	-11,3644122	0,071	0,305

CHR6	24461787	CHR6:24461787	SSF x Near_LoA	-10,6474228	0,003	0,307
CHR6	24461814	CHR6:24461814	SSF x Near_LoA	-8,00190932	0,033	0,279
CHR6	24466416	CHR6:24466416	SSF x Near_LoA	-6,57783416	0,124	0,308
CHR6	24467298	CHR6:24467298	SSF x Near_LoA	-9,84981779	-0,013	0,305
CHR6	24467323	CHR6:24467323	SSF x Near_LoA	-9,79818284	0,084	0,295
CHR6	24467345	CHR6:24467345	SSF x Near_LoA	-8,6364959	-0,044	0,289
CHR6	24467412	CHR6:24467412	SSF x Near_LoA	-8,01964905	0,044	0,310
CHR6	24478774	CHR6:24478774	SSF x Near_LoA	-9,02326057	-0,044	0,291
CHR6	24478817	CHR6:24478817	SSF x Near_LoA	-9,42850172	-0,005	0,305
CHR6	24478845	CHR6:24478845	SSF x Near_LoA	-8,50832845	0,068	0,311
CHR6	24478912	CHR6:24478912	SSF x Near_LoA	-10,335366	0,009	0,302
CHR6	24479086	CHR6:24479086	SSF x Near_LoA	-11,5724976	-0,034	0,318
CHR6	24487907	CHR6:24487907	SSF x Near_LoA	-12,0665494	0,018	0,305
CHR6	24499258	CHR6:24499258	SSF x Near_LoA	-8,665552	-0,018	0,311
CHR6	24506970	CHR6:24506970	SSF x Near_LoA	-8,22922112	0,046	0,325
CHR6	24507018	CHR6:24507018	SSF x Near_LoA	-8,45229999	-0,081	0,316
CHR6	24507823	CHR6:24507823	SSF x Near_LoA	-8,35315616	0,010	0,316
CHR6	24507826	CHR6:24507826	SSF x Near_LoA	-8,12840686	0,087	0,309
CHR6	24510343	CHR6:24510343	SSF x Near_LoA	-8,30385709	0,085	0,298
CHR6	24510409	CHR6:24510409	SSF x Near_LoA	-7,99436494	-0,048	0,323
CHR6	24510414	CHR6:24510414	SSF x Near_LoA	-9,05147303	0,029	0,303
CHR6	24510441	CHR6:24510441	SSF x Near_LoA	-8,15826243	0,008	0,321
CHR6	24510448	CHR6:24510448	SSF x Near_LoA	-10,7508899	0,004	0,288
CHR6	24510514	CHR6:24510514	SSF x Near_LoA	-7,93349732	0,109	0,305
CHR6	24518662	CHR6:24518662	SSF x Near_LoA	-9,77332132	-0,110	0,304
CHR6	24518815	CHR6:24518815	SSF x Near_LoA	-10,405398	0,045	0,301
CHR6	24518851	CHR6:24518851	SSF x Near_LoA	-7,35548272	0,167	0,306
CHR6	24518926	CHR6:24518926	SSF x Near_LoA	-10,0601722	-0,020	0,315
CHR6	24523267	CHR6:24523267	SSF x Near_LoA	-9,05632698	0,085	0,302
CHR6	2452778	CHR6:2452778	SSF x Near_LoA	-10,0711679	-0,045	0,303
CHR6	24528267	CHR6:24528267	SSF x Near_LoA	-8,9964103	0,106	0,307
CHR6	24528327	CHR6:24528327	SSF x Near_LoA	-8,52839333	-0,111	0,304
CHR6	2452850	CHR6:2452850	SSF x Near_LoA	-8,79788896	-0,093	0,306
CHR6	2452863	CHR6:2452863	SSF x Near_LoA	-6,54951651	0,105	0,309
CHR6	2452934	CHR6:2452934	SSF x Near_LoA	-10,4493414	-0,074	0,316
CHR6	24531844	CHR6:24531844	SSF x Near_LoA	-8,62449645	-0,035	0,323
CHR6	24531875	CHR6:24531875	SSF x Near_LoA	-6,74178064	-0,070	0,305
CHR6	24535965	CHR6:24535965	SSF x Near_LoA	-6,50923415	0,226	0,288
CHR6	24535973	CHR6:24535973	SSF x Near_LoA	-9,55906359	-0,041	0,298
CHR6	24536088	CHR6:24536088	SSF x Near_LoA	-7,66315643	-0,032	0,317
CHR6	24536121	CHR6:24536121	SSF x Near_LoA	-9,94271021	-0,125	0,312
CHR6	24536123	CHR6:24536123	SSF x Near_LoA	-7,93421515	-0,091	0,325
CHR6	24536144	CHR6:24536144	SSF x Near_LoA	-8,63141912	-0,104	0,307
CHR6	24536198	CHR6:24536198	SSF x Near_LoA	-8,55758661	-0,031	0,309
CHR6	24539796	CHR6:24539796	SSF x Near_LoA	-6,57404694	0,109	0,319
CHR6	24539822	CHR6:24539822	SSF x Near_LoA	-8,8874385	0,093	0,306
CHR6	24547331	CHR6:24547331	SSF x Near_LoA	-9,6767121	-0,001	0,297
CHR6	24549997	CHR6:24549997	SSF x Near_LoA	-9,85390901	-0,040	0,308
CHR6	24549999	CHR6:24549999	SSF x Near_LoA	-8,62810115	-0,040	0,323
CHR6	24550003	CHR6:24550003	SSF x Near_LoA	-8,93968005	0,078	0,322
CHR6	24550021	CHR6:24550021	SSF x Near_LoA	-9,21443655	-0,073	0,317
CHR6	24550032	CHR6:24550032	SSF x Near_LoA	-8,49917627	0,014	0,304
CHR6	24550070	CHR6:24550070	SSF x Near_LoA	-4,1152814	-0,138	0,317

CHR6	24550074	CHR6:24550074	SSF x Near_LoA	-10,1423881	-0,105	0,310
CHR6	24560120	CHR6:24560120	SSF x Near_LoA	-11,6465357	-0,055	0,299
CHR6	24562656	CHR6:24562656	SSF x Near_LoA	-10,0050235	-0,061	0,311
CHR6	24562690	CHR6:24562690	SSF x Near_LoA	-4,35375281	-0,198	0,314
CHR6	24563404	CHR6:24563404	SSF x Near_LoA	-10,682411	-0,047	0,328
CHR6	24563492	CHR6:24563492	SSF x Near_LoA	-9,28897315	-0,059	0,306
CHR6	24563495	CHR6:24563495	SSF x Near_LoA	-10,0165919	-0,105	0,320
CHR6	24564817	CHR6:24564817	SSF x Near_LoA	-8,06371637	0,086	0,299
CHR6	24564822	CHR6:24564822	SSF x Near_LoA	-6,46082321	-0,142	0,313
CHR6	24564828	CHR6:24564828	SSF x Near_LoA	-7,62407758	-0,131	0,300
CHR6	24564887	CHR6:24564887	SSF x Near_LoA	-11,120952	-0,007	0,304
CHR6	24565060	CHR6:24565060	SSF x Near_LoA	-10,3347574	-0,051	0,319
CHR6	24566902	CHR6:24566902	SSF x Near_LoA	-9,19540836	0,065	0,317
CHR6	24566907	CHR6:24566907	SSF x Near_LoA	-9,29946768	0,011	0,310
CHR6	24566919	CHR6:24566919	SSF x Near_LoA	-8,00799375	0,063	0,299
CHR6	24574933	CHR6:24574933	SSF x Near_LoA	-10,0679649	0,005	0,304
CHR6	24574936	CHR6:24574936	SSF x Near_LoA	-9,71876299	-0,057	0,305
CHR6	24574969	CHR6:24574969	SSF x Near_LoA	-9,00272095	-0,098	0,314
CHR6	24575000	CHR6:24575000	SSF x Near_LoA	-9,65518069	-0,071	0,305
CHR6	24575020	CHR6:24575020	SSF x Near_LoA	-7,03282637	-0,066	0,313
CHR6	24575031	CHR6:24575031	SSF x Near_LoA	-9,4754087	0,019	0,319
CHR6	24575043	CHR6:24575043	SSF x Near_LoA	-9,4679948	0,002	0,315
CHR6	24576243	CHR6:24576243	SSF x Near_LoA	-9,76303064	-0,028	0,309
CHR6	24580132	CHR6:24580132	SSF x Near_LoA	-11,4602618	0,043	0,302
CHR6	24580286	CHR6:24580286	SSF x Near_LoA	-10,2764007	-0,001	0,315
CHR6	24589662	CHR6:24589662	SSF x Near_LoA	-6,24381782	-0,048	0,304
CHR6	24598763	CHR6:24598763	SSF x Near_LoA	-10,6656866	0,023	0,296
CHR6	24598781	CHR6:24598781	SSF x Near_LoA	-9,32672707	0,010	0,307
CHR6	24598793	CHR6:24598793	SSF x Near_LoA	-8,72765747	0,029	0,316
CHR6	24598826	CHR6:24598826	SSF x Near_LoA	-9,68505573	-0,120	0,311
CHR6	24598862	CHR6:24598862	SSF x Near_LoA	-9,36523165	-0,049	0,314
CHR6	24598885	CHR6:24598885	SSF x Near_LoA	-9,34876617	0,073	0,307
CHR6	24598965	CHR6:24598965	SSF x Near_LoA	-7,40661007	0,177	0,295
CHR6	2459923	CHR6:2459923	SSF x Near_LoA	-9,51667287	0,000	0,322
CHR6	2459983	CHR6:2459983	SSF x Near_LoA	-8,24802281	0,033	0,318
CHR6	24600251	CHR6:24600251	SSF x Near_LoA	-8,04956014	0,078	0,318
CHR6	24600274	CHR6:24600274	SSF x Near_LoA	-8,65440605	0,017	0,314
CHR6	24600304	CHR6:24600304	SSF x Near_LoA	-8,6239526	0,030	0,316
CHR6	24600305	CHR6:24600305	SSF x Near_LoA	-10,9181213	-0,050	0,314
CHR6	24600306	CHR6:24600306	SSF x Near_LoA	-11,8214664	-0,039	0,312
CHR6	24600308	CHR6:24600308	SSF x Near_LoA	-5,42964592	0,064	0,323
CHR6	24600332	CHR6:24600332	SSF x Near_LoA	-7,76148863	0,134	0,303
CHR6	24600935	CHR6:24600935	SSF x Near_LoA	-10,5834766	-0,044	0,305
CHR6	24601126	CHR6:24601126	SSF x Near_LoA	-10,7111218	-0,051	0,315
CHR6	24601152	CHR6:24601152	SSF x Near_LoA	-11,1155634	-0,045	0,308
CHR6	24601186	CHR6:24601186	SSF x Near_LoA	-8,69294966	0,014	0,309
CHR6	24601189	CHR6:24601189	SSF x Near_LoA	-10,11275	0,005	0,294
CHR6	2461009	CHR6:2461009	SSF x Near_LoA	-10,0862442	-0,005	0,309
CHR6	2461072	CHR6:2461072	SSF x Near_LoA	-8,46131298	0,007	0,310
CHR6	24610805	CHR6:24610805	SSF x Near_LoA	-9,22315228	0,040	0,300
CHR6	24610834	CHR6:24610834	SSF x Near_LoA	-8,66643543	-0,008	0,310
CHR6	24620920	CHR6:24620920	SSF x Near_LoA	-10,8534267	0,034	0,309
CHR6	24620956	CHR6:24620956	SSF x Near_LoA	-10,5806964	0,050	0,314

CHR6	24620963	CHR6:24620963	SSF x Near_LoA	-11,6104787	0,077	0,313
CHR6	24621018	CHR6:24621018	SSF x Near_LoA	-9,04035626	-0,080	0,312
CHR6	24621057	CHR6:24621057	SSF x Near_LoA	-8,59355969	-0,121	0,306
CHR6	24621071	CHR6:24621071	SSF x Near_LoA	-7,82005315	-0,098	0,302
CHR6	24643247	CHR6:24643247	SSF x Near_LoA	-9,02468602	0,096	0,301
CHR6	24643264	CHR6:24643264	SSF x Near_LoA	-5,84802592	0,130	0,294
CHR6	24643272	CHR6:24643272	SSF x Near_LoA	-7,37974571	0,046	0,309
CHR6	24643289	CHR6:24643289	SSF x Near_LoA	-8,61753252	0,082	0,298
CHR6	24643321	CHR6:24643321	SSF x Near_LoA	-5,67359587	0,102	0,306
CHR6	24643324	CHR6:24643324	SSF x Near_LoA	-8,66679956	0,087	0,298
CHR6	24652287	CHR6:24652287	SSF x Near_LoA	-8,03330009	0,053	0,311
CHR6	24652406	CHR6:24652406	SSF x Near_LoA	-8,98201328	-0,044	0,309
CHR6	24652554	CHR6:24652554	SSF x Near_LoA	-10,3422745	0,088	0,286
CHR6	24652594	CHR6:24652594	SSF x Near_LoA	-8,33292025	-0,113	0,297
CHR6	24653418	CHR6:24653418	SSF x Near_LoA	-11,2530236	-0,009	0,319
CHR6	24653838	CHR6:24653838	SSF x Near_LoA	4,13658502	0,060	0,300
CHR6	24658963	CHR6:24658963	SSF x Near_LoA	-10,0608402	-0,044	0,317
CHR6	24658968	CHR6:24658968	SSF x Near_LoA	-10,4026222	-0,055	0,304
CHR6	24659034	CHR6:24659034	SSF x Near_LoA	-8,28432057	0,035	0,304
CHR6	24659061	CHR6:24659061	SSF x Near_LoA	-8,8158784	-0,027	0,325
CHR6	24659121	CHR6:24659121	SSF x Near_LoA	-10,7194096	0,000	0,312
CHR6	24661208	CHR6:24661208	SSF x Near_LoA	-8,12851722	0,029	0,316
CHR6	24661213	CHR6:24661213	SSF x Near_LoA	-8,55116044	0,002	0,313
CHR6	24661340	CHR6:24661340	SSF x Near_LoA	-6,83703971	0,169	0,289
CHR6	24661352	CHR6:24661352	SSF x Near_LoA	-7,86709384	0,130	0,301
CHR6	24661442	CHR6:24661442	SSF x Near_LoA	-8,67138624	-0,033	0,307
CHR6	24668834	CHR6:24668834	SSF x Near_LoA	-9,95768188	-0,034	0,298
CHR6	24668853	CHR6:24668853	SSF x Near_LoA	-5,46763273	0,011	0,300
CHR6	2467010	CHR6:2467010	SSF x Near_LoA	-11,4782767	-0,082	0,319
CHR6	246707	CHR6:246707	SSF x Near_LoA	-8,31126223	-0,089	0,307
CHR6	24685109	CHR6:24685109	SSF x Near_LoA	-6,80609197	-0,084	0,311
CHR6	24685262	CHR6:24685262	SSF x Near_LoA	-10,4705545	-0,089	0,322
CHR6	24685310	CHR6:24685310	SSF x Near_LoA	-7,61332912	-0,015	0,330
CHR6	24691800	CHR6:24691800	SSF x Near_LoA	-11,7325541	0,093	0,303
CHR6	2469220	CHR6:2469220	SSF x Near_LoA	-10,1405164	0,025	0,312
CHR6	24699760	CHR6:24699760	SSF x Near_LoA	-9,44027844	0,093	0,307
CHR6	24699819	CHR6:24699819	SSF x Near_LoA	-9,51615036	0,042	0,292
CHR6	24702564	CHR6:24702564	SSF x Near_LoA	-7,2344304	0,139	0,310
CHR6	24702608	CHR6:24702608	SSF x Near_LoA	-8,1597166	-0,171	0,297
CHR6	24702680	CHR6:24702680	SSF x Near_LoA	-6,67941656	-0,046	0,302
CHR6	24702683	CHR6:24702683	SSF x Near_LoA	-7,33512773	-0,065	0,300
CHR6	24702733	CHR6:24702733	SSF x Near_LoA	-9,29687773	-0,003	0,297
CHR6	24702736	CHR6:24702736	SSF x Near_LoA	-7,61208301	0,058	0,303
CHR6	24702752	CHR6:24702752	SSF x Near_LoA	-8,69620138	0,001	0,297
CHR6	24702820	CHR6:24702820	SSF x Near_LoA	-10,5401869	-0,080	0,302
CHR6	2470453	CHR6:2470453	SSF x Near_LoA	-10,1929775	-0,011	0,293
CHR6	24707517	CHR6:24707517	SSF x Near_LoA	-9,45525857	0,143	0,304
CHR6	24707535	CHR6:24707535	SSF x Near_LoA	-11,2838222	-0,007	0,312
CHR6	24707550	CHR6:24707550	SSF x Near_LoA	-10,6763096	-0,093	0,319
CHR6	24709598	CHR6:24709598	SSF x Near_LoA	-8,09756939	-0,039	0,313
CHR6	24721223	CHR6:24721223	SSF x Near_LoA	-9,54170681	0,028	0,302
CHR6	24723694	CHR6:24723694	SSF x Near_LoA	-3,53856851	0,147	0,306
CHR6	24723706	CHR6:24723706	SSF x Near_LoA	-7,26638718	-0,174	0,306

CHR6	24723707	CHR6:24723707	SSF x Near_LoA	-9,60769976	-0,162	0,311
CHR6	24723722	CHR6:24723722	SSF x Near_LoA	-10,2794328	-0,020	0,323
CHR6	24723799	CHR6:24723799	SSF x Near_LoA	-7,69133252	-0,140	0,311
CHR6	24731817	CHR6:24731817	SSF x Near_LoA	-10,5354205	-0,092	0,297
CHR6	24731869	CHR6:24731869	SSF x Near_LoA	-9,66847995	0,128	0,296
CHR6	24731941	CHR6:24731941	SSF x Near_LoA	-6,42935064	-0,050	0,333
CHR6	24731976	CHR6:24731976	SSF x Near_LoA	-9,34488105	0,081	0,305
CHR6	24731979	CHR6:24731979	SSF x Near_LoA	-9,52937191	0,043	0,311
CHR6	24741275	CHR6:24741275	SSF x Near_LoA	-11,3523497	0,022	0,321
CHR6	24741351	CHR6:24741351	SSF x Near_LoA	-10,1071668	0,008	0,298
CHR6	24741352	CHR6:24741352	SSF x Near_LoA	-8,74889063	0,013	0,298
CHR6	24741363	CHR6:24741363	SSF x Near_LoA	-8,95136676	-0,006	0,315
CHR6	24741375	CHR6:24741375	SSF x Near_LoA	-7,75017953	0,038	0,294
CHR6	24741397	CHR6:24741397	SSF x Near_LoA	-7,17466963	-0,094	0,293
CHR6	24741414	CHR6:24741414	SSF x Near_LoA	-9,52096124	0,067	0,316
CHR6	24741418	CHR6:24741418	SSF x Near_LoA	-8,6225204	0,028	0,312
CHR6	24741422	CHR6:24741422	SSF x Near_LoA	-8,87045892	-0,040	0,316
CHR6	24741436	CHR6:24741436	SSF x Near_LoA	-9,48670824	0,026	0,300
CHR6	24741651	CHR6:24741651	SSF x Near_LoA	-10,4794537	0,043	0,304
CHR6	24749483	CHR6:24749483	SSF x Near_LoA	-9,26127591	0,000	0,300
CHR6	24749516	CHR6:24749516	SSF x Near_LoA	-9,96467109	0,062	0,309
CHR6	24749525	CHR6:24749525	SSF x Near_LoA	-7,12560355	-0,138	0,315
CHR6	24749541	CHR6:24749541	SSF x Near_LoA	-8,54512966	-0,088	0,316
CHR6	24749553	CHR6:24749553	SSF x Near_LoA	-6,30697161	-0,036	0,313
CHR6	24763769	CHR6:24763769	SSF x Near_LoA	-7,2421001	0,088	0,303
CHR6	24763818	CHR6:24763818	SSF x Near_LoA	-10,3414343	-0,028	0,301
CHR6	24770431	CHR6:24770431	SSF x Near_LoA	-5,46050108	-0,116	0,316
CHR6	24770522	CHR6:24770522	SSF x Near_LoA	-10,2910448	-0,096	0,303
CHR6	24770661	CHR6:24770661	SSF x Near_LoA	-9,63599064	-0,038	0,302
CHR6	24770705	CHR6:24770705	SSF x Near_LoA	-7,95030519	-0,089	0,309
CHR6	24770712	CHR6:24770712	SSF x Near_LoA	-7,64667877	0,048	0,319
CHR6	24770716	CHR6:24770716	SSF x Near_LoA	-7,71882352	0,064	0,321
CHR6	24770753	CHR6:24770753	SSF x Near_LoA	-8,08266096	-0,039	0,309
CHR6	24771926	CHR6:24771926	SSF x Near_LoA	-7,77592469	-0,077	0,316
CHR6	24771935	CHR6:24771935	SSF x Near_LoA	-9,81266193	0,042	0,308
CHR6	24771942	CHR6:24771942	SSF x Near_LoA	-6,85386886	-0,117	0,295
CHR6	24771949	CHR6:24771949	SSF x Near_LoA	-9,75662499	-0,091	0,298
CHR6	24772029	CHR6:24772029	SSF x Near_LoA	-10,1133346	-0,049	0,302
CHR6	24780342	CHR6:24780342	SSF x Near_LoA	-9,64347874	0,070	0,318
CHR6	24780346	CHR6:24780346	SSF x Near_LoA	-9,23731429	0,065	0,315
CHR6	24780352	CHR6:24780352	SSF x Near_LoA	-7,87614751	0,011	0,315
CHR6	24783163	CHR6:24783163	SSF x Near_LoA	-9,82405282	-0,071	0,311
CHR6	24784755	CHR6:24784755	SSF x Near_LoA	-9,10556478	-0,113	0,304
CHR6	24786909	CHR6:24786909	SSF x Near_LoA	-5,59307103	-0,201	0,301
CHR6	24786935	CHR6:24786935	SSF x Near_LoA	-11,8154529	0,026	0,297
CHR6	24793929	CHR6:24793929	SSF x Near_LoA	-9,13288617	0,004	0,312
CHR6	24793945	CHR6:24793945	SSF x Near_LoA	-10,4941845	0,026	0,315
CHR6	2479671	CHR6:2479671	SSF x Near_LoA	-8,9643477	-0,055	0,313
CHR6	2479748	CHR6:2479748	SSF x Near_LoA	-11,4941813	0,000	0,321
CHR6	2479792	CHR6:2479792	SSF x Near_LoA	4,25664555	0,019	0,317
CHR6	2479985	CHR6:2479985	SSF x Near_LoA	-6,73832301	0,199	0,288
CHR6	24806242	CHR6:24806242	SSF x Near_LoA	-10,5559672	0,001	0,316
CHR6	24806340	CHR6:24806340	SSF x Near_LoA	-8,6078201	-0,042	0,292

CHR6	24833362	CHR6:24833362	SSF x Near_LoA	-11,2960799	-0,018	0,305
CHR6	24833606	CHR6:24833606	SSF x Near_LoA	-10,080081	0,024	0,305
CHR6	24852803	CHR6:24852803	SSF x Near_LoA	-11,0872655	-0,057	0,315
CHR6	24852805	CHR6:24852805	SSF x Near_LoA	-8,62015671	0,000	0,311
CHR6	24852818	CHR6:24852818	SSF x Near_LoA	-10,9852316	0,044	0,307
CHR6	24852886	CHR6:24852886	SSF x Near_LoA	-10,1685916	0,004	0,292
CHR6	24853633	CHR6:24853633	SSF x Near_LoA	-9,06395081	0,074	0,301
CHR6	24853656	CHR6:24853656	SSF x Near_LoA	-8,62570969	-0,095	0,305
CHR6	24853705	CHR6:24853705	SSF x Near_LoA	-10,0271976	0,057	0,306
CHR6	24857182	CHR6:24857182	SSF x Near_LoA	-11,1292297	0,088	0,303
CHR6	24861450	CHR6:24861450	SSF x Near_LoA	-7,11097069	-0,179	0,304
CHR6	24861453	CHR6:24861453	SSF x Near_LoA	-7,01249957	-0,171	0,291
CHR6	24866574	CHR6:24866574	SSF x Near_LoA	-10,3781944	0,096	0,304
CHR6	24866620	CHR6:24866620	SSF x Near_LoA	-7,58920674	-0,118	0,322
CHR6	24866659	CHR6:24866659	SSF x Near_LoA	-10,8226088	-0,046	0,311
CHR6	24874459	CHR6:24874459	SSF x Near_LoA	-10,1065528	0,020	0,304
CHR6	24874461	CHR6:24874461	SSF x Near_LoA	-10,2315637	-0,007	0,293
CHR6	24874567	CHR6:24874567	SSF x Near_LoA	-5,15549447	0,149	0,309
CHR6	24874568	CHR6:24874568	SSF x Near_LoA	-7,80274268	0,122	0,294
CHR6	24874572	CHR6:24874572	SSF x Near_LoA	-6,94013041	-0,065	0,315
CHR6	24874621	CHR6:24874621	SSF x Near_LoA	-11,6659313	-0,029	0,300
CHR6	24874622	CHR6:24874622	SSF x Near_LoA	-8,34887104	-0,032	0,322
CHR6	24874697	CHR6:24874697	SSF x Near_LoA	-10,4977309	-0,030	0,299
CHR6	24879127	CHR6:24879127	SSF x Near_LoA	-10,3731995	0,065	0,304
CHR6	24879763	CHR6:24879763	SSF x Near_LoA	-9,24521701	-0,106	0,311
CHR6	24879836	CHR6:24879836	SSF x Near_LoA	-8,86700544	-0,006	0,305
CHR6	24879848	CHR6:24879848	SSF x Near_LoA	-9,25026263	0,085	0,296
CHR6	24879899	CHR6:24879899	SSF x Near_LoA	-10,3319823	-0,113	0,309
CHR6	24881354	CHR6:24881354	SSF x Near_LoA	-8,45156731	0,010	0,307
CHR6	24881376	CHR6:24881376	SSF x Near_LoA	-10,1861147	0,049	0,316
CHR6	24881424	CHR6:24881424	SSF x Near_LoA	-9,82931039	-0,055	0,303
CHR6	24881435	CHR6:24881435	SSF x Near_LoA	-7,60892306	-0,070	0,312
CHR6	24881447	CHR6:24881447	SSF x Near_LoA	-8,80112886	-0,079	0,304
CHR6	24881506	CHR6:24881506	SSF x Near_LoA	-10,398395	-0,031	0,310
CHR6	24883389	CHR6:24883389	SSF x Near_LoA	-9,5102502	-0,106	0,308
CHR6	24883395	CHR6:24883395	SSF x Near_LoA	-8,37608754	-0,109	0,316
CHR6	24883412	CHR6:24883412	SSF x Near_LoA	-11,2197746	0,031	0,309
CHR6	24883464	CHR6:24883464	SSF x Near_LoA	-8,7801616	0,037	0,314
CHR6	24883546	CHR6:24883546	SSF x Near_LoA	-9,49234466	-0,037	0,307
CHR6	24886627	CHR6:24886627	SSF x Near_LoA	-6,06061662	-0,088	0,314
CHR6	24886646	CHR6:24886646	SSF x Near_LoA	-8,12184189	0,066	0,299
CHR6	24886649	CHR6:24886649	SSF x Near_LoA	-8,79398103	-0,036	0,319
CHR6	24890351	CHR6:24890351	SSF x Near_LoA	-9,9912036	0,070	0,300
CHR6	24892319	CHR6:24892319	SSF x Near_LoA	-8,65415504	-0,039	0,302
CHR6	24892653	CHR6:24892653	SSF x Near_LoA	-10,4752485	0,047	0,303
CHR6	24892721	CHR6:24892721	SSF x Near_LoA	-9,75285598	-0,047	0,303
CHR6	24892768	CHR6:24892768	SSF x Near_LoA	-11,1309952	-0,063	0,310
CHR6	24897796	CHR6:24897796	SSF x Near_LoA	-7,5738579	-0,124	0,311
CHR6	24897803	CHR6:24897803	SSF x Near_LoA	-8,23148602	0,111	0,305
CHR6	24897844	CHR6:24897844	SSF x Near_LoA	-10,2310825	-0,102	0,296
CHR6	24905577	CHR6:24905577	SSF x Near_LoA	-8,11883984	-0,018	0,322
CHR6	24905820	CHR6:24905820	SSF x Near_LoA	-9,28471565	-0,035	0,304
CHR6	24905822	CHR6:24905822	SSF x Near_LoA	-10,8917734	0,096	0,293

CHR6	24905823	CHR6:24905823	SSF x Near_LoA	-9,46629604	0,006	0,295
CHR6	24905937	CHR6:24905937	SSF x Near_LoA	-9,75991485	-0,078	0,315
CHR6	24907134	CHR6:24907134	SSF x Near_LoA	-9,87586548	0,022	0,298
CHR6	24907136	CHR6:24907136	SSF x Near_LoA	-10,8996906	0,003	0,321
CHR6	2490748	CHR6:2490748	SSF x Near_LoA	-6,45962492	-0,083	0,309
CHR6	2490762	CHR6:2490762	SSF x Near_LoA	-9,73584432	-0,015	0,299
CHR6	2491843	CHR6:2491843	SSF x Near_LoA	-10,8726431	-0,002	0,310
CHR6	2491908	CHR6:2491908	SSF x Near_LoA	-9,6867515	0,081	0,315
CHR6	2491955	CHR6:2491955	SSF x Near_LoA	-10,7929544	-0,158	0,291
CHR6	2492062	CHR6:2492062	SSF x Near_LoA	-11,508625	-0,068	0,302
CHR6	2492112	CHR6:2492112	SSF x Near_LoA	-12,0184231	0,057	0,300
CHR6	24940605	CHR6:24940605	SSF x Near_LoA	-10,2280408	-0,039	0,306
CHR6	24952896	CHR6:24952896	SSF x Near_LoA	-10,085085	0,049	0,296
CHR6	24952946	CHR6:24952946	SSF x Near_LoA	-9,34198425	-0,023	0,296
CHR6	24953131	CHR6:24953131	SSF x Near_LoA	-10,8021953	0,063	0,305
CHR6	24953138	CHR6:24953138	SSF x Near_LoA	-7,3022396	-0,049	0,288
CHR6	24961124	CHR6:24961124	SSF x Near_LoA	-11,5623385	-0,007	0,300
CHR6	24979187	CHR6:24979187	SSF x Near_LoA	-10,4895231	0,086	0,295
CHR6	24979267	CHR6:24979267	SSF x Near_LoA	-6,49823662	0,018	0,313
CHR6	24979272	CHR6:24979272	SSF x Near_LoA	-10,2175068	-0,047	0,303
CHR6	24979308	CHR6:24979308	SSF x Near_LoA	-10,9157717	0,106	0,301
CHR6	24979369	CHR6:24979369	SSF x Near_LoA	-10,9145667	-0,047	0,308
CHR6	2498916	CHR6:2498916	SSF x Near_LoA	-11,6580521	-0,022	0,300
CHR6	2498918	CHR6:2498918	SSF x Near_LoA	-6,30408473	-0,081	0,309
CHR6	24993539	CHR6:24993539	SSF x Near_LoA	-7,07383034	-0,148	0,313
CHR6	24993561	CHR6:24993561	SSF x Near_LoA	-4,77131722	0,151	0,292
CHR6	24997590	CHR6:24997590	SSF x Near_LoA	-10,4486943	-0,037	0,312
CHR6	25012447	CHR6:25012447	SSF x Near_LoA	-9,54615808	0,003	0,314
CHR6	25012522	CHR6:25012522	SSF x Near_LoA	-8,10195283	0,092	0,307
CHR6	25012523	CHR6:25012523	SSF x Near_LoA	-9,30390284	0,042	0,312
CHR6	25012542	CHR6:25012542	SSF x Near_LoA	-9,09179184	-0,048	0,309
CHR6	25012551	CHR6:25012551	SSF x Near_LoA	-9,81894916	0,047	0,304
CHR6	25012554	CHR6:25012554	SSF x Near_LoA	-8,75884415	0,081	0,316
CHR6	25012582	CHR6:25012582	SSF x Near_LoA	-9,24094193	-0,017	0,307
CHR6	25012602	CHR6:25012602	SSF x Near_LoA	-7,95656765	-0,062	0,310
CHR6	25012617	CHR6:25012617	SSF x Near_LoA	-9,07849326	0,024	0,311
CHR6	25012627	CHR6:25012627	SSF x Near_LoA	-9,22604402	-0,085	0,311
CHR6	25012642	CHR6:25012642	SSF x Near_LoA	-8,54362774	0,037	0,302
CHR6	25012643	CHR6:25012643	SSF x Near_LoA	-8,31164794	0,076	0,307
CHR6	25012644	CHR6:25012644	SSF x Near_LoA	-8,66397102	0,051	0,302
CHR6	25022153	CHR6:25022153	SSF x Near_LoA	-8,9771358	-0,111	0,314
CHR6	25022302	CHR6:25022302	SSF x Near_LoA	-8,07831997	0,042	0,305
CHR6	2502421	CHR6:2502421	SSF x Near_LoA	-4,6156914	0,069	0,298
CHR6	25030827	CHR6:25030827	SSF x Near_LoA	-4,83868219	-0,052	0,310
CHR6	25030835	CHR6:25030835	SSF x Near_LoA	-8,93512124	0,115	0,305
CHR6	25030860	CHR6:25030860	SSF x Near_LoA	-6,41399516	-0,132	0,306
CHR6	25036910	CHR6:25036910	SSF x Near_LoA	-11,6031687	-0,022	0,299
CHR6	25043005	CHR6:25043005	SSF x Near_LoA	-10,5231657	-0,086	0,291
CHR6	25051507	CHR6:25051507	SSF x Near_LoA	-8,96520722	-0,058	0,294
CHR6	25062250	CHR6:25062250	SSF x Near_LoA	-9,6470459	-0,005	0,298
CHR6	25069695	CHR6:25069695	SSF x Near_LoA	-6,05774237	0,154	0,307
CHR6	25069705	CHR6:25069705	SSF x Near_LoA	-2,67053338	0,033	0,295
CHR6	25069717	CHR6:25069717	SSF x Near_LoA	-11,5934649	-0,045	0,309

CHR6	25069718	CHR6:25069718	SSF x Near_LoA	-11,8684694	-0,042	0,311
CHR6	25069736	CHR6:25069736	SSF x Near_LoA	-2,76195434	0,260	0,296
CHR6	25069910	CHR6:25069910	SSF x Near_LoA	-11,7856503	-0,081	0,301
CHR6	25077669	CHR6:25077669	SSF x Near_LoA	-9,24675286	-0,058	0,306
CHR6	25077674	CHR6:25077674	SSF x Near_LoA	-9,32726222	-0,072	0,311
CHR6	25077685	CHR6:25077685	SSF x Near_LoA	-9,62104716	-0,024	0,300
CHR6	25077701	CHR6:25077701	SSF x Near_LoA	-9,81254041	-0,047	0,295
CHR6	25078911	CHR6:25078911	SSF x Near_LoA	-10,20481	-0,085	0,307
CHR6	25078971	CHR6:25078971	SSF x Near_LoA	-9,80464573	0,021	0,305
CHR6	25078986	CHR6:25078986	SSF x Near_LoA	-9,90440805	0,012	0,298
CHR6	25078996	CHR6:25078996	SSF x Near_LoA	-11,83578	-0,058	0,306
CHR6	25085688	CHR6:25085688	SSF x Near_LoA	-10,2329072	0,051	0,299
CHR6	25085702	CHR6:25085702	SSF x Near_LoA	-9,42934258	-0,014	0,306
CHR6	25085781	CHR6:25085781	SSF x Near_LoA	-5,90013214	0,084	0,298
CHR6	25085833	CHR6:25085833	SSF x Near_LoA	-9,98485757	-0,024	0,323
CHR6	25085877	CHR6:25085877	SSF x Near_LoA	-9,01428994	0,000	0,304
CHR6	25085881	CHR6:25085881	SSF x Near_LoA	-4,46586176	0,108	0,293
CHR6	25085899	CHR6:25085899	SSF x Near_LoA	-7,43768617	-0,101	0,313
CHR6	25090637	CHR6:25090637	SSF x Near_LoA	-11,4110123	0,014	0,314
CHR6	25090669	CHR6:25090669	SSF x Near_LoA	-9,3460473	0,064	0,292
CHR6	25090686	CHR6:25090686	SSF x Near_LoA	-8,92393216	-0,038	0,306
CHR6	25090687	CHR6:25090687	SSF x Near_LoA	-7,77390786	-0,037	0,297
CHR6	25090694	CHR6:25090694	SSF x Near_LoA	-7,04753284	-0,028	0,308
CHR6	25090794	CHR6:25090794	SSF x Near_LoA	-10,9669782	0,091	0,298
CHR6	25090796	CHR6:25090796	SSF x Near_LoA	-8,91909023	0,070	0,315
CHR6	25090820	CHR6:25090820	SSF x Near_LoA	-11,5348782	-0,059	0,291
CHR6	25090872	CHR6:25090872	SSF x Near_LoA	-10,5863593	0,063	0,321
CHR6	25093772	CHR6:25093772	SSF x Near_LoA	-7,81998582	0,026	0,318
CHR6	25097556	CHR6:25097556	SSF x Near_LoA	-9,5747311	0,087	0,307
CHR6	25097657	CHR6:25097657	SSF x Near_LoA	-7,45850163	-0,109	0,302
CHR6	25097676	CHR6:25097676	SSF x Near_LoA	-10,1819861	0,054	0,309
CHR6	25097971	CHR6:25097971	SSF x Near_LoA	-7,72350226	-0,091	0,306
CHR6	25099943	CHR6:25099943	SSF x Near_LoA	-11,8965778	-0,058	0,299
CHR6	25100001	CHR6:25100001	SSF x Near_LoA	-8,46239035	0,024	0,304
CHR6	25100067	CHR6:25100067	SSF x Near_LoA	-9,50348393	-0,031	0,305
CHR6	25100169	CHR6:25100169	SSF x Near_LoA	-7,46768283	-0,081	0,312
CHR6	25100180	CHR6:25100180	SSF x Near_LoA	-9,7455953	-0,084	0,288
CHR6	25100209	CHR6:25100209	SSF x Near_LoA	-10,2672113	0,045	0,318
CHR6	25102163	CHR6:25102163	SSF x Near_LoA	-6,05688195	0,127	0,301
CHR6	25102166	CHR6:25102166	SSF x Near_LoA	-8,0840456	0,119	0,302
CHR6	2510272	CHR6:2510272	SSF x Near_LoA	-8,29234877	0,082	0,303
CHR6	2510441	CHR6:2510441	SSF x Near_LoA	-9,91584811	0,085	0,313
CHR6	2510514	CHR6:2510514	SSF x Near_LoA	-10,772812	0,066	0,303
CHR6	25107910	CHR6:25107910	SSF x Near_LoA	-8,53713408	-0,079	0,299
CHR6	25114059	CHR6:25114059	SSF x Near_LoA	-10,7141216	-0,007	0,310
CHR6	25114275	CHR6:25114275	SSF x Near_LoA	-8,60623259	-0,064	0,314
CHR6	25114319	CHR6:25114319	SSF x Near_LoA	-11,0775131	-0,037	0,320
CHR6	25114320	CHR6:25114320	SSF x Near_LoA	-10,3374177	-0,045	0,299
CHR6	2512080	CHR6:2512080	SSF x Near_LoA	1,21506311	0,147	0,311
CHR6	2512095	CHR6:2512095	SSF x Near_LoA	-10,3247029	0,032	0,301
CHR6	25121118	CHR6:25121118	SSF x Near_LoA	-11,3459732	-0,003	0,307
CHR6	25121198	CHR6:25121198	SSF x Near_LoA	-9,36660598	-0,022	0,310
CHR6	25138355	CHR6:25138355	SSF x Near_LoA	-6,66844292	0,108	0,292

CHR6	25138379	CHR6:25138379	SSF x Near_LoA	-8,21227578	-0,076	0,320
CHR6	25138395	CHR6:25138395	SSF x Near_LoA	-8,06839749	-0,104	0,308
CHR6	25143188	CHR6:25143188	SSF x Near_LoA	-8,1239336	0,063	0,313
CHR6	25143689	CHR6:25143689	SSF x Near_LoA	-9,21296263	-0,033	0,294
CHR6	25146571	CHR6:25146571	SSF x Near_LoA	-8,81889827	-0,139	0,297
CHR6	25152832	CHR6:25152832	SSF x Near_LoA	-11,3970311	0,046	0,305
CHR6	25152872	CHR6:25152872	SSF x Near_LoA	-12,0025656	0,051	0,295
CHR6	25152888	CHR6:25152888	SSF x Near_LoA	-9,51430146	0,044	0,310
CHR6	25155328	CHR6:25155328	SSF x Near_LoA	-7,99301248	0,051	0,299
CHR6	25155332	CHR6:25155332	SSF x Near_LoA	-7,25969154	0,103	0,314
CHR6	25155345	CHR6:25155345	SSF x Near_LoA	-10,0127568	0,098	0,308
CHR6	25155369	CHR6:25155369	SSF x Near_LoA	-9,68885647	0,045	0,301
CHR6	25155375	CHR6:25155375	SSF x Near_LoA	-9,98958136	0,027	0,292
CHR6	25155449	CHR6:25155449	SSF x Near_LoA	8,59677317	-0,220	0,296
CHR6	25155459	CHR6:25155459	SSF x Near_LoA	-10,2787952	0,038	0,317
CHR6	25155483	CHR6:25155483	SSF x Near_LoA	-10,9286695	-0,058	0,307
CHR6	25155536	CHR6:25155536	SSF x Near_LoA	-8,81054846	0,136	0,303
CHR6	25159107	CHR6:25159107	SSF x Near_LoA	-10,8051712	0,004	0,322
CHR6	25159118	CHR6:25159118	SSF x Near_LoA	-5,62813799	-0,023	0,312
CHR6	25159146	CHR6:25159146	SSF x Near_LoA	-8,45566103	-0,158	0,317
CHR6	25159195	CHR6:25159195	SSF x Near_LoA	-11,6329788	0,007	0,308
CHR6	25162357	CHR6:25162357	SSF x Near_LoA	-10,3693747	0,029	0,312
CHR6	25162547	CHR6:25162547	SSF x Near_LoA	-8,88308271	0,011	0,296
CHR6	25162598	CHR6:25162598	SSF x Near_LoA	-9,27669385	-0,081	0,301
CHR6	25165932	CHR6:25165932	SSF x Near_LoA	-9,63745065	0,040	0,295
CHR6	25165938	CHR6:25165938	SSF x Near_LoA	-7,46326522	0,143	0,308
CHR6	25166066	CHR6:25166066	SSF x Near_LoA	-10,8605376	-0,078	0,300
CHR6	25169074	CHR6:25169074	SSF x Near_LoA	-5,70660545	0,197	0,310
CHR6	25169103	CHR6:25169103	SSF x Near_LoA	-8,73889059	0,064	0,291
CHR6	25173945	CHR6:25173945	SSF x Near_LoA	-7,23019033	-0,083	0,291
CHR6	25174060	CHR6:25174060	SSF x Near_LoA	-1,91273575	-0,078	0,305
CHR6	25174132	CHR6:25174132	SSF x Near_LoA	-9,12276955	-0,027	0,309
CHR6	25178739	CHR6:25178739	SSF x Near_LoA	-9,95207214	-0,027	0,313
CHR6	25178875	CHR6:25178875	SSF x Near_LoA	-10,4566343	-0,025	0,319
CHR6	25178879	CHR6:25178879	SSF x Near_LoA	-9,23389833	0,048	0,300
CHR6	25178951	CHR6:25178951	SSF x Near_LoA	-8,85916578	-0,039	0,314
CHR6	25179016	CHR6:25179016	SSF x Near_LoA	-8,47956397	-0,063	0,312
CHR6	25179049	CHR6:25179049	SSF x Near_LoA	-10,5219903	-0,001	0,312
CHR6	25180428	CHR6:25180428	SSF x Near_LoA	-10,3025609	-0,066	0,302
CHR6	25183664	CHR6:25183664	SSF x Near_LoA	-10,2192538	0,008	0,315
CHR6	25183785	CHR6:25183785	SSF x Near_LoA	-10,134427	-0,050	0,302
CHR6	25200624	CHR6:25200624	SSF x Near_LoA	-9,98991577	0,016	0,301
CHR6	25200709	CHR6:25200709	SSF x Near_LoA	-9,12206515	0,007	0,302
CHR6	25221435	CHR6:25221435	SSF x Near_LoA	-9,5507475	-0,083	0,318
CHR6	25221436	CHR6:25221436	SSF x Near_LoA	-6,38671478	-0,078	0,307
CHR6	25229062	CHR6:25229062	SSF x Near_LoA	-10,4922754	0,091	0,297
CHR6	25229191	CHR6:25229191	SSF x Near_LoA	-10,6194156	0,018	0,309
CHR6	25229205	CHR6:25229205	SSF x Near_LoA	-11,6910491	0,069	0,307
CHR6	25229326	CHR6:25229326	SSF x Near_LoA	-11,5776411	0,068	0,295
CHR6	25232915	CHR6:25232915	SSF x Near_LoA	-10,9214737	-0,008	0,300
CHR6	25232942	CHR6:25232942	SSF x Near_LoA	-9,99269771	0,023	0,301
CHR6	25232950	CHR6:25232950	SSF x Near_LoA	-4,37841045	-0,013	0,308
CHR6	25233018	CHR6:25233018	SSF x Near_LoA	-11,1452042	0,045	0,306

CHR6	25233075	CHR6:25233075	SSF x Near_LoA	-11,5875063	-0,019	0,307
CHR6	25233092	CHR6:25233092	SSF x Near_LoA	-8,57324218	0,077	0,302
CHR6	25240007	CHR6:25240007	SSF x Near_LoA	-10,5590699	-0,011	0,299
CHR6	25240028	CHR6:25240028	SSF x Near_LoA	-9,27194606	-0,068	0,294
CHR6	25240036	CHR6:25240036	SSF x Near_LoA	-9,12222336	0,053	0,316
CHR6	25240051	CHR6:25240051	SSF x Near_LoA	-9,33860088	0,028	0,304
CHR6	25240065	CHR6:25240065	SSF x Near_LoA	-9,61418876	0,047	0,305
CHR6	25240076	CHR6:25240076	SSF x Near_LoA	-5,74778198	0,025	0,298
CHR6	25240732	CHR6:25240732	SSF x Near_LoA	-6,69728074	0,167	0,290
CHR6	25244228	CHR6:25244228	SSF x Near_LoA	-3,1947712	-0,184	0,314
CHR6	25244264	CHR6:25244264	SSF x Near_LoA	-9,40719387	-0,074	0,314
CHR6	25244279	CHR6:25244279	SSF x Near_LoA	-8,49630972	0,042	0,302
CHR6	25244316	CHR6:25244316	SSF x Near_LoA	-9,85462655	-0,051	0,298
CHR6	25244354	CHR6:25244354	SSF x Near_LoA	-11,7810493	-0,028	0,293
CHR6	25244393	CHR6:25244393	SSF x Near_LoA	-10,1204736	0,032	0,301
CHR6	25244404	CHR6:25244404	SSF x Near_LoA	-8,5832859	0,019	0,304
CHR6	25244406	CHR6:25244406	SSF x Near_LoA	-9,75203647	0,006	0,306
CHR6	25244409	CHR6:25244409	SSF x Near_LoA	-8,57384774	0,016	0,302
CHR6	2524549	CHR6:2524549	SSF x Near_LoA	-11,7129771	0,056	0,312
CHR6	2524633	CHR6:2524633	SSF x Near_LoA	-9,12254133	-0,019	0,311
CHR6	2524735	CHR6:2524735	SSF x Near_LoA	-7,58116791	0,142	0,297
CHR6	25249874	CHR6:25249874	SSF x Near_LoA	-9,15568134	-0,078	0,294
CHR6	25249890	CHR6:25249890	SSF x Near_LoA	-6,27050096	-0,049	0,309
CHR6	25250034	CHR6:25250034	SSF x Near_LoA	-8,56554774	0,073	0,313
CHR6	25252842	CHR6:25252842	SSF x Near_LoA	-6,36939131	-0,062	0,309
CHR6	25256138	CHR6:25256138	SSF x Near_LoA	-11,0849002	-0,073	0,310
CHR6	25264042	CHR6:25264042	SSF x Near_LoA	-3,75050189	-0,068	0,311
CHR6	25264062	CHR6:25264062	SSF x Near_LoA	-5,76049527	0,011	0,308
CHR6	25264076	CHR6:25264076	SSF x Near_LoA	-9,86515428	-0,080	0,312
CHR6	25268246	CHR6:25268246	SSF x Near_LoA	-9,5449886	0,008	0,313
CHR6	25268267	CHR6:25268267	SSF x Near_LoA	-10,866712	0,012	0,306
CHR6	25268291	CHR6:25268291	SSF x Near_LoA	-8,89172885	0,028	0,297
CHR6	25268325	CHR6:25268325	SSF x Near_LoA	-7,36241992	0,023	0,311
CHR6	25277518	CHR6:25277518	SSF x Near_LoA	-7,20549645	-0,127	0,309
CHR6	25282753	CHR6:25282753	SSF x Near_LoA	-8,99711662	-0,026	0,320
CHR6	25282825	CHR6:25282825	SSF x Near_LoA	-10,3339563	-0,097	0,309
CHR6	25282953	CHR6:25282953	SSF x Near_LoA	-9,02731977	-0,059	0,309
CHR6	25293356	CHR6:25293356	SSF x Near_LoA	-11,5947287	-0,027	0,315
CHR6	25296539	CHR6:25296539	SSF x Near_LoA	-8,17898948	0,113	0,307
CHR6	2532023	CHR6:2532023	SSF x Near_LoA	-10,3989186	-0,050	0,309
CHR6	25321400	CHR6:25321400	SSF x Near_LoA	-5,71518693	0,000	0,309
CHR6	25344870	CHR6:25344870	SSF x Near_LoA	-11,5397411	-0,054	0,302
CHR6	25344894	CHR6:25344894	SSF x Near_LoA	-11,2264351	0,018	0,298
CHR6	25344912	CHR6:25344912	SSF x Near_LoA	-10,5787004	0,011	0,310
CHR6	25344914	CHR6:25344914	SSF x Near_LoA	-8,94481395	-0,104	0,300
CHR6	25344923	CHR6:25344923	SSF x Near_LoA	-7,42031777	-0,074	0,312
CHR6	25345018	CHR6:25345018	SSF x Near_LoA	-4,4329604	-0,203	0,295
CHR6	25345019	CHR6:25345019	SSF x Near_LoA	-9,73047064	-0,155	0,297
CHR6	25345053	CHR6:25345053	SSF x Near_LoA	-1,62095791	-0,126	0,312
CHR6	25345078	CHR6:25345078	SSF x Near_LoA	0,19389824	-0,162	0,303
CHR6	25345085	CHR6:25345085	SSF x Near_LoA	-7,97569071	0,122	0,292
CHR6	25345093	CHR6:25345093	SSF x Near_LoA	-10,6632796	-0,044	0,310
CHR6	25345112	CHR6:25345112	SSF x Near_LoA	-6,51819575	0,161	0,308

CHR6	25345135	CHR6:25345135	SSF x Near_LoA	-8,24597047	-0,063	0,320
CHR6	25347370	CHR6:25347370	SSF x Near_LoA	-10,3847318	-0,008	0,303
CHR6	25347384	CHR6:25347384	SSF x Near_LoA	-5,51036822	0,192	0,300
CHR6	25347456	CHR6:25347456	SSF x Near_LoA	-7,82805662	-0,104	0,302
CHR6	25347509	CHR6:25347509	SSF x Near_LoA	-9,21332064	-0,026	0,309
CHR6	25347578	CHR6:25347578	SSF x Near_LoA	-7,53879515	-0,022	0,312
CHR6	25349468	CHR6:25349468	SSF x Near_LoA	-10,9504521	0,057	0,314
CHR6	25353106	CHR6:25353106	SSF x Near_LoA	-8,00028465	-0,042	0,310
CHR6	25353118	CHR6:25353118	SSF x Near_LoA	-9,33712795	-0,030	0,315
CHR6	25353192	CHR6:25353192	SSF x Near_LoA	-10,3816581	-0,085	0,310
CHR6	25364340	CHR6:25364340	SSF x Near_LoA	-4,31161089	0,030	0,311
CHR6	25364388	CHR6:25364388	SSF x Near_LoA	-11,8011085	0,025	0,319
CHR6	25364418	CHR6:25364418	SSF x Near_LoA	-9,62847086	0,054	0,315
CHR6	25370603	CHR6:25370603	SSF x Near_LoA	-8,04588871	0,105	0,302
CHR6	25370763	CHR6:25370763	SSF x Near_LoA	-9,28636031	-0,040	0,298
CHR6	25373793	CHR6:25373793	SSF x Near_LoA	-7,53826298	-0,022	0,298
CHR6	25373879	CHR6:25373879	SSF x Near_LoA	-8,50742176	-0,137	0,306
CHR6	25379669	CHR6:25379669	SSF x Near_LoA	-9,84865568	-0,079	0,305
CHR6	25386796	CHR6:25386796	SSF x Near_LoA	-9,64016584	0,044	0,305
CHR6	25386807	CHR6:25386807	SSF x Near_LoA	-11,4558413	0,033	0,310
CHR6	25393205	CHR6:25393205	SSF x Near_LoA	-10,0857333	0,137	0,299
CHR6	2539558	CHR6:2539558	SSF x Near_LoA	-10,1634664	-0,008	0,319
CHR6	25395688	CHR6:25395688	SSF x Near_LoA	-8,12517348	-0,105	0,316
CHR6	25395780	CHR6:25395780	SSF x Near_LoA	-1,20779911	-0,245	0,298
CHR6	25395896	CHR6:25395896	SSF x Near_LoA	-10,8188476	-0,064	0,311
CHR6	25395900	CHR6:25395900	SSF x Near_LoA	-11,4324537	-0,011	0,304
CHR6	25399937	CHR6:25399937	SSF x Near_LoA	-11,4121895	0,014	0,321
CHR6	25399959	CHR6:25399959	SSF x Near_LoA	-6,27465302	0,008	0,306
CHR6	25400138	CHR6:25400138	SSF x Near_LoA	-11,0934196	0,045	0,307
CHR6	25437206	CHR6:25437206	SSF x Near_LoA	-9,15388012	0,107	0,302
CHR6	25437267	CHR6:25437267	SSF x Near_LoA	-8,56558748	0,139	0,289
CHR6	25437353	CHR6:25437353	SSF x Near_LoA	-9,10875903	-0,052	0,310
CHR6	2544159	CHR6:2544159	SSF x Near_LoA	-7,51770392	0,089	0,310
CHR6	2544191	CHR6:2544191	SSF x Near_LoA	-8,24426874	0,149	0,310
CHR6	2544277	CHR6:2544277	SSF x Near_LoA	-9,39159555	0,122	0,292
CHR6	25449558	CHR6:25449558	SSF x Near_LoA	-10,8904804	0,010	0,303
CHR6	25449699	CHR6:25449699	SSF x Near_LoA	-8,3060036	-0,078	0,297
CHR6	25449793	CHR6:25449793	SSF x Near_LoA	-11,4236087	0,044	0,310
CHR6	25460635	CHR6:25460635	SSF x Near_LoA	-8,33479379	0,067	0,303
CHR6	25466428	CHR6:25466428	SSF x Near_LoA	-9,14401587	-0,094	0,301
CHR6	25470279	CHR6:25470279	SSF x Near_LoA	-10,2538656	0,001	0,302
CHR6	25473564	CHR6:25473564	SSF x Near_LoA	-10,2377066	-0,049	0,286
CHR6	25473650	CHR6:25473650	SSF x Near_LoA	-10,8175224	-0,058	0,302
CHR6	25473662	CHR6:25473662	SSF x Near_LoA	-7,29113368	0,041	0,312
CHR6	25473718	CHR6:25473718	SSF x Near_LoA	-8,73835296	0,012	0,314
CHR6	25473788	CHR6:25473788	SSF x Near_LoA	-8,24736414	0,055	0,308
CHR6	25475665	CHR6:25475665	SSF x Near_LoA	-9,59083575	0,050	0,318
CHR6	25476591	CHR6:25476591	SSF x Near_LoA	-11,6395352	0,009	0,302
CHR6	25484205	CHR6:25484205	SSF x Near_LoA	-7,25753375	-0,049	0,317
CHR6	25490355	CHR6:25490355	SSF x Near_LoA	-7,38820396	0,039	0,298
CHR6	25490368	CHR6:25490368	SSF x Near_LoA	-8,63757427	-0,060	0,315
CHR6	25490414	CHR6:25490414	SSF x Near_LoA	-7,07878958	-0,044	0,312
CHR6	25497039	CHR6:25497039	SSF x Near_LoA	-9,03045014	0,047	0,313

CHR6	2549890	CHR6:2549890	SSF x Near_LoA	-11,3619322	0,027	0,310
CHR6	25499107	CHR6:25499107	SSF x Near_LoA	-8,73127025	-0,002	0,297
CHR6	2549942	CHR6:2549942	SSF x Near_LoA	-8,20621617	-0,001	0,330
CHR6	2549964	CHR6:2549964	SSF x Near_LoA	-10,2561648	-0,016	0,317
CHR6	2549966	CHR6:2549966	SSF x Near_LoA	-10,706757	0,096	0,298
CHR6	25504129	CHR6:25504129	SSF x Near_LoA	-11,3993294	0,001	0,302
CHR6	25504138	CHR6:25504138	SSF x Near_LoA	-8,64536041	0,127	0,294
CHR6	25504144	CHR6:25504144	SSF x Near_LoA	-10,5238501	0,004	0,297
CHR6	25504157	CHR6:25504157	SSF x Near_LoA	-10,535662	0,032	0,323
CHR6	25504206	CHR6:25504206	SSF x Near_LoA	-9,51346998	0,040	0,306
CHR6	25504270	CHR6:25504270	SSF x Near_LoA	-11,8874636	-0,023	0,304
CHR6	25504328	CHR6:25504328	SSF x Near_LoA	-8,29852839	0,083	0,309
CHR6	25504343	CHR6:25504343	SSF x Near_LoA	-7,37127248	-0,121	0,286
CHR6	25505428	CHR6:25505428	SSF x Near_LoA	-10,9540727	0,033	0,309
CHR6	25506161	CHR6:25506161	SSF x Near_LoA	-8,92448899	0,004	0,310
CHR6	25506203	CHR6:25506203	SSF x Near_LoA	-7,76386579	-0,036	0,310
CHR6	25507040	CHR6:25507040	SSF x Near_LoA	-8,74044323	-0,044	0,315
CHR6	25507046	CHR6:25507046	SSF x Near_LoA	-8,88962464	0,059	0,303
CHR6	25507052	CHR6:25507052	SSF x Near_LoA	-9,54016903	0,002	0,315
CHR6	25513496	CHR6:25513496	SSF x Near_LoA	-8,97695746	0,073	0,299
CHR6	25513573	CHR6:25513573	SSF x Near_LoA	-8,6437786	-0,048	0,311
CHR6	25513577	CHR6:25513577	SSF x Near_LoA	-9,69602427	-0,006	0,289
CHR6	25513613	CHR6:25513613	SSF x Near_LoA	-8,50901511	-0,004	0,317
CHR6	25513625	CHR6:25513625	SSF x Near_LoA	-8,72364606	0,044	0,325
CHR6	25513626	CHR6:25513626	SSF x Near_LoA	-1,54514933	-0,091	0,301
CHR6	25513635	CHR6:25513635	SSF x Near_LoA	-10,1177756	0,075	0,304
CHR6	25513646	CHR6:25513646	SSF x Near_LoA	-7,39539694	0,051	0,306
CHR6	25513682	CHR6:25513682	SSF x Near_LoA	-11,0084235	-0,036	0,311
CHR6	25513693	CHR6:25513693	SSF x Near_LoA	-10,0332296	-0,013	0,315
CHR6	2552116	CHR6:2552116	SSF x Near_LoA	-8,4778725	0,004	0,322
CHR6	25521191	CHR6:25521191	SSF x Near_LoA	-8,31473508	-0,009	0,299
CHR6	25521196	CHR6:25521196	SSF x Near_LoA	-10,7042848	0,012	0,304
CHR6	25521202	CHR6:25521202	SSF x Near_LoA	-6,88602299	0,033	0,317
CHR6	25521278	CHR6:25521278	SSF x Near_LoA	-7,79725349	0,043	0,322
CHR6	25523521	CHR6:25523521	SSF x Near_LoA	-3,90342495	0,129	0,293
CHR6	25528581	CHR6:25528581	SSF x Near_LoA	-8,24293399	-0,036	0,312
CHR6	25528614	CHR6:25528614	SSF x Near_LoA	-8,17745607	-0,103	0,311
CHR6	25530957	CHR6:25530957	SSF x Near_LoA	-11,065783	0,042	0,297
CHR6	25530979	CHR6:25530979	SSF x Near_LoA	-10,7507903	-0,038	0,312
CHR6	25531012	CHR6:25531012	SSF x Near_LoA	-5,84761457	0,121	0,302
CHR6	25531048	CHR6:25531048	SSF x Near_LoA	-11,6971414	0,014	0,309
CHR6	25541675	CHR6:25541675	SSF x Near_LoA	-9,11698524	0,046	0,307
CHR6	25543676	CHR6:25543676	SSF x Near_LoA	-9,75465784	-0,072	0,315
CHR6	25543710	CHR6:25543710	SSF x Near_LoA	-2,27607689	-0,051	0,301
CHR6	25545839	CHR6:25545839	SSF x Near_LoA	-9,20321341	0,017	0,299
CHR6	2554745	CHR6:2554745	SSF x Near_LoA	-9,87798006	0,103	0,307
CHR6	2554811	CHR6:2554811	SSF x Near_LoA	-3,66836835	0,019	0,305
CHR6	25550731	CHR6:25550731	SSF x Near_LoA	-8,6299128	0,024	0,307
CHR6	25550803	CHR6:25550803	SSF x Near_LoA	-9,57483675	0,097	0,326
CHR6	25550903	CHR6:25550903	SSF x Near_LoA	-11,9031529	-0,012	0,293
CHR6	25550983	CHR6:25550983	SSF x Near_LoA	-11,0520637	-0,054	0,308
CHR6	25553700	CHR6:25553700	SSF x Near_LoA	-11,1461026	-0,032	0,311
CHR6	25553786	CHR6:25553786	SSF x Near_LoA	-8,07118028	-0,093	0,306

CHR6	25557545	CHR6:25557545	SSF x Near_LoA	-0,44502551	0,017	0,320
CHR6	25557758	CHR6:25557758	SSF x Near_LoA	-9,18539262	-0,010	0,314
CHR6	25565579	CHR6:25565579	SSF x Near_LoA	-7,86381501	0,028	0,315
CHR6	25565599	CHR6:25565599	SSF x Near_LoA	-6,59053567	0,009	0,308
CHR6	25565656	CHR6:25565656	SSF x Near_LoA	-7,83691896	-0,122	0,307
CHR6	25565659	CHR6:25565659	SSF x Near_LoA	-8,57132243	-0,118	0,307
CHR6	25565664	CHR6:25565664	SSF x Near_LoA	-8,22291733	-0,095	0,311
CHR6	25565669	CHR6:25565669	SSF x Near_LoA	-10,3551254	-0,062	0,306
CHR6	25574081	CHR6:25574081	SSF x Near_LoA	-10,7522876	0,028	0,298
CHR6	25583491	CHR6:25583491	SSF x Near_LoA	-8,36339504	-0,028	0,317
CHR6	25583519	CHR6:25583519	SSF x Near_LoA	-7,89291291	-0,114	0,305
CHR6	25583547	CHR6:25583547	SSF x Near_LoA	-4,76741919	-0,106	0,307
CHR6	25583693	CHR6:25583693	SSF x Near_LoA	-11,2285881	0,007	0,307
CHR6	2558820	CHR6:2558820	SSF x Near_LoA	-8,88567156	-0,114	0,305
CHR6	25588772	CHR6:25588772	SSF x Near_LoA	-8,53632951	-0,082	0,293
CHR6	2558990	CHR6:2558990	SSF x Near_LoA	-9,87772047	-0,109	0,319
CHR6	2559923	CHR6:2559923	SSF x Near_LoA	-7,90445552	0,058	0,311
CHR6	25602843	CHR6:25602843	SSF x Near_LoA	-9,37723766	-0,058	0,315
CHR6	25602950	CHR6:25602950	SSF x Near_LoA	-9,49867112	-0,081	0,307
CHR6	25606431	CHR6:25606431	SSF x Near_LoA	-10,6928153	-0,063	0,303
CHR6	25606549	CHR6:25606549	SSF x Near_LoA	-8,8473003	-0,096	0,295
CHR6	25607620	CHR6:25607620	SSF x Near_LoA	-10,5121115	0,050	0,298
CHR6	25607653	CHR6:25607653	SSF x Near_LoA	-10,6733616	0,042	0,319
CHR6	25607700	CHR6:25607700	SSF x Near_LoA	-10,1807362	0,082	0,300
CHR6	25607804	CHR6:25607804	SSF x Near_LoA	-6,16520727	-0,063	0,300
CHR6	25607818	CHR6:25607818	SSF x Near_LoA	-7,99335149	0,015	0,303
CHR6	25607823	CHR6:25607823	SSF x Near_LoA	-7,03412696	-0,002	0,328
CHR6	25607843	CHR6:25607843	SSF x Near_LoA	-9,04180509	-0,043	0,306
CHR6	25607916	CHR6:25607916	SSF x Near_LoA	-8,53595627	0,049	0,296
CHR6	25614178	CHR6:25614178	SSF x Near_LoA	-9,45738775	0,074	0,313
CHR6	25614311	CHR6:25614311	SSF x Near_LoA	-0,92536813	-0,047	0,310
CHR6	25614339	CHR6:25614339	SSF x Near_LoA	-9,20527775	-0,072	0,310
CHR6	25614402	CHR6:25614402	SSF x Near_LoA	-7,65031065	0,064	0,306
CHR6	25614442	CHR6:25614442	SSF x Near_LoA	-9,64020752	0,019	0,310
CHR6	25627827	CHR6:25627827	SSF x Near_LoA	-9,05345696	0,008	0,303
CHR6	25628012	CHR6:25628012	SSF x Near_LoA	-11,1407222	0,006	0,305
CHR6	25634862	CHR6:25634862	SSF x Near_LoA	-8,90838689	-0,041	0,329
CHR6	2563830	CHR6:2563830	SSF x Near_LoA	-9,24777068	-0,045	0,293
CHR6	25639296	CHR6:25639296	SSF x Near_LoA	-10,4527654	-0,075	0,305
CHR6	2563964	CHR6:2563964	SSF x Near_LoA	-9,12993474	0,076	0,307
CHR6	2564010	CHR6:2564010	SSF x Near_LoA	-9,2714624	0,052	0,304
CHR6	2564012	CHR6:2564012	SSF x Near_LoA	-11,273935	0,022	0,298
CHR6	2564027	CHR6:2564027	SSF x Near_LoA	-8,73041077	0,063	0,302
CHR6	25649948	CHR6:25649948	SSF x Near_LoA	-10,4708759	-0,001	0,297
CHR6	25650115	CHR6:25650115	SSF x Near_LoA	-5,82253484	0,028	0,312
CHR6	25650245	CHR6:25650245	SSF x Near_LoA	-10,850098	-0,002	0,308
CHR6	25650268	CHR6:25650268	SSF x Near_LoA	-11,01387	-0,029	0,311
CHR6	25656643	CHR6:25656643	SSF x Near_LoA	-7,5479709	-0,053	0,313
CHR6	25658048	CHR6:25658048	SSF x Near_LoA	-11,8057565	-0,011	0,303
CHR6	25660631	CHR6:25660631	SSF x Near_LoA	-7,38325254	0,043	0,310
CHR6	25664499	CHR6:25664499	SSF x Near_LoA	-9,9470579	0,027	0,313
CHR6	25666216	CHR6:25666216	SSF x Near_LoA	-4,62355713	0,004	0,321
CHR6	25666247	CHR6:25666247	SSF x Near_LoA	-8,02379526	0,051	0,304

CHR6	25668632	CHR6:25668632	SSF x Near_LoA	-11,1401783	-0,004	0,298
CHR6	25668708	CHR6:25668708	SSF x Near_LoA	-12,5408881	0,075	0,297
CHR6	25668714	CHR6:25668714	SSF x Near_LoA	-7,69936489	-0,157	0,313
CHR6	25668722	CHR6:25668722	SSF x Near_LoA	-7,9448021	-0,168	0,308
CHR6	25673112	CHR6:25673112	SSF x Near_LoA	-10,7898933	0,086	0,302
CHR6	25673119	CHR6:25673119	SSF x Near_LoA	-10,3437657	0,055	0,307
CHR6	25673792	CHR6:25673792	SSF x Near_LoA	-10,4613737	0,017	0,299
CHR6	25673853	CHR6:25673853	SSF x Near_LoA	-8,72076203	-0,007	0,314
CHR6	25678043	CHR6:25678043	SSF x Near_LoA	-9,46146513	-0,044	0,306
CHR6	25678052	CHR6:25678052	SSF x Near_LoA	-8,71234849	-0,007	0,313
CHR6	25678054	CHR6:25678054	SSF x Near_LoA	-8,72510955	-0,009	0,318
CHR6	25687427	CHR6:25687427	SSF x Near_LoA	-9,76566053	0,031	0,306
CHR6	25687476	CHR6:25687476	SSF x Near_LoA	-11,3739224	-0,054	0,320
CHR6	25687488	CHR6:25687488	SSF x Near_LoA	-8,48170719	0,116	0,306
CHR6	25687516	CHR6:25687516	SSF x Near_LoA	-9,44753059	-0,069	0,328
CHR6	25688874	CHR6:25688874	SSF x Near_LoA	-2,69784945	0,074	0,315
CHR6	25694788	CHR6:25694788	SSF x Near_LoA	-7,63825493	0,009	0,308
CHR6	25694798	CHR6:25694798	SSF x Near_LoA	-8,86914189	0,107	0,295
CHR6	25696920	CHR6:25696920	SSF x Near_LoA	-7,30874456	0,038	0,318
CHR6	25696936	CHR6:25696936	SSF x Near_LoA	-9,93478958	0,051	0,313
CHR6	25699436	CHR6:25699436	SSF x Near_LoA	-8,17856904	0,077	0,317
CHR6	25699508	CHR6:25699508	SSF x Near_LoA	-7,84377704	0,137	0,291
CHR6	25699525	CHR6:25699525	SSF x Near_LoA	-7,42478549	-0,104	0,300
CHR6	25717086	CHR6:25717086	SSF x Near_LoA	-7,46983485	-0,030	0,298
CHR6	25717915	CHR6:25717915	SSF x Near_LoA	-9,90175463	0,031	0,292
CHR6	25718669	CHR6:25718669	SSF x Near_LoA	-4,18720115	-0,029	0,321
CHR6	25718814	CHR6:25718814	SSF x Near_LoA	-9,73925499	0,011	0,316
CHR6	25723647	CHR6:25723647	SSF x Near_LoA	-9,91241345	0,030	0,313
CHR6	25723766	CHR6:25723766	SSF x Near_LoA	-10,3629269	0,025	0,308
CHR6	25731690	CHR6:25731690	SSF x Near_LoA	-11,1594638	0,069	0,313
CHR6	25734687	CHR6:25734687	SSF x Near_LoA	-8,89310767	0,012	0,308
CHR6	25737880	CHR6:25737880	SSF x Near_LoA	-8,73822326	0,090	0,313
CHR6	25737886	CHR6:25737886	SSF x Near_LoA	-6,92319531	0,086	0,314
CHR6	25737968	CHR6:25737968	SSF x Near_LoA	-6,2692344	0,115	0,326
CHR6	25737979	CHR6:25737979	SSF x Near_LoA	-8,62930952	0,013	0,307
CHR6	25738033	CHR6:25738033	SSF x Near_LoA	-8,85610061	-0,024	0,301
CHR6	25738047	CHR6:25738047	SSF x Near_LoA	-8,25648449	0,062	0,314
CHR6	25755445	CHR6:25755445	SSF x Near_LoA	-8,67955596	-0,071	0,305
CHR6	25755780	CHR6:25755780	SSF x Near_LoA	-9,47549631	0,016	0,313
CHR6	2575964	CHR6:2575964	SSF x Near_LoA	-10,2017057	0,060	0,312
CHR6	25764834	CHR6:25764834	SSF x Near_LoA	-8,88127836	-0,076	0,295
CHR6	25765419	CHR6:25765419	SSF x Near_LoA	-8,40892676	0,074	0,303
CHR6	25765471	CHR6:25765471	SSF x Near_LoA	-8,88252765	-0,047	0,302
CHR6	25765606	CHR6:25765606	SSF x Near_LoA	-8,50517811	0,104	0,309
CHR6	25765609	CHR6:25765609	SSF x Near_LoA	-2,76139269	-0,169	0,301
CHR6	25765669	CHR6:25765669	SSF x Near_LoA	-6,65977616	-0,074	0,309
CHR6	2577529	CHR6:2577529	SSF x Near_LoA	-10,4034539	0,083	0,310
CHR6	2577616	CHR6:2577616	SSF x Near_LoA	-12,0573589	0,026	0,301
CHR6	25778293	CHR6:25778293	SSF x Near_LoA	-9,68948234	0,094	0,316
CHR6	25782706	CHR6:25782706	SSF x Near_LoA	-8,58740447	0,049	0,317
CHR6	25782739	CHR6:25782739	SSF x Near_LoA	-7,01969381	-0,055	0,302
CHR6	25782743	CHR6:25782743	SSF x Near_LoA	-8,56941647	0,007	0,319
CHR6	25793316	CHR6:25793316	SSF x Near_LoA	-10,1939647	-0,060	0,316

CHR6	2580523	CHR6:2580523	SSF x Near_LoA	-7,7683816	-0,145	0,305
CHR6	2580551	CHR6:2580551	SSF x Near_LoA	-8,31133728	-0,067	0,305
CHR6	2580588	CHR6:2580588	SSF x Near_LoA	-6,65285599	0,162	0,286
CHR6	2580620	CHR6:2580620	SSF x Near_LoA	-8,02089856	0,102	0,294
CHR6	2580716	CHR6:2580716	SSF x Near_LoA	-9,4475671	0,114	0,301
CHR6	25822187	CHR6:25822187	SSF x Near_LoA	-10,6150795	-0,064	0,302
CHR6	25822236	CHR6:25822236	SSF x Near_LoA	-4,97232441	0,027	0,306
CHR6	25822265	CHR6:25822265	SSF x Near_LoA	-10,7036156	-0,059	0,307
CHR6	25824048	CHR6:25824048	SSF x Near_LoA	-8,70199182	-0,112	0,302
CHR6	25826649	CHR6:25826649	SSF x Near_LoA	-9,26360219	-0,031	0,302
CHR6	25827898	CHR6:25827898	SSF x Near_LoA	-7,65456557	0,075	0,310
CHR6	2583421	CHR6:2583421	SSF x Near_LoA	-2,8237656	-0,215	0,306
CHR6	2583427	CHR6:2583427	SSF x Near_LoA	-10,9011374	0,003	0,317
CHR6	25834670	CHR6:25834670	SSF x Near_LoA	-11,1981757	0,007	0,321
CHR6	2583494	CHR6:2583494	SSF x Near_LoA	-9,22534497	0,031	0,310
CHR6	25839088	CHR6:25839088	SSF x Near_LoA	-10,0681183	-0,040	0,305
CHR6	25846950	CHR6:25846950	SSF x Near_LoA	-11,2817361	-0,048	0,313
CHR6	25857592	CHR6:25857592	SSF x Near_LoA	-5,12610257	0,058	0,313
CHR6	25866765	CHR6:25866765	SSF x Near_LoA	-10,1009033	0,077	0,303
CHR6	259065	CHR6:259065	SSF x Near_LoA	-9,38672974	0,101	0,302
CHR6	259072	CHR6:259072	SSF x Near_LoA	-11,4516089	-0,044	0,313
CHR6	259133	CHR6:259133	SSF x Near_LoA	-9,26329407	-0,083	0,308
CHR6	25914557	CHR6:25914557	SSF x Near_LoA	-8,03027702	-0,112	0,309
CHR6	25915180	CHR6:25915180	SSF x Near_LoA	-10,5638309	0,038	0,297
CHR6	25919169	CHR6:25919169	SSF x Near_LoA	-10,0457309	-0,007	0,301
CHR6	25919314	CHR6:25919314	SSF x Near_LoA	-10,6114581	-0,093	0,304
CHR6	259199	CHR6:259199	SSF x Near_LoA	-7,84377513	0,152	0,295
CHR6	25922217	CHR6:25922217	SSF x Near_LoA	-9,17544506	-0,008	0,323
CHR6	25922276	CHR6:25922276	SSF x Near_LoA	-10,8634107	-0,016	0,306
CHR6	25922323	CHR6:25922323	SSF x Near_LoA	-9,7620843	0,074	0,301
CHR6	25925305	CHR6:25925305	SSF x Near_LoA	-8,15235092	-0,035	0,315
CHR6	25932327	CHR6:25932327	SSF x Near_LoA	-6,48628897	-0,130	0,298
CHR6	25932330	CHR6:25932330	SSF x Near_LoA	-4,99536452	-0,149	0,305
CHR6	25932331	CHR6:25932331	SSF x Near_LoA	-6,18677879	-0,136	0,304
CHR6	25932376	CHR6:25932376	SSF x Near_LoA	-5,25662804	-0,208	0,302
CHR6	25932489	CHR6:25932489	SSF x Near_LoA	-11,3214643	-0,086	0,303
CHR6	2593316	CHR6:2593316	SSF x Near_LoA	-10,8118784	-0,024	0,299
CHR6	25941006	CHR6:25941006	SSF x Near_LoA	-11,717528	-0,022	0,309
CHR6	25941122	CHR6:25941122	SSF x Near_LoA	-8,74077868	0,031	0,318
CHR6	25941163	CHR6:25941163	SSF x Near_LoA	-3,73818211	-0,118	0,313
CHR6	25941178	CHR6:25941178	SSF x Near_LoA	-7,88578284	0,054	0,307
CHR6	25941202	CHR6:25941202	SSF x Near_LoA	-7,80264492	-0,041	0,306
CHR6	25941226	CHR6:25941226	SSF x Near_LoA	-8,99565224	-0,043	0,311
CHR6	2594267	CHR6:2594267	SSF x Near_LoA	-9,2998646	0,016	0,311
CHR6	25942871	CHR6:25942871	SSF x Near_LoA	-11,9785768	0,048	0,315
CHR6	25942890	CHR6:25942890	SSF x Near_LoA	-11,2812907	0,067	0,306
CHR6	25942907	CHR6:25942907	SSF x Near_LoA	-10,6139324	-0,069	0,308
CHR6	2594333	CHR6:2594333	SSF x Near_LoA	-10,7565644	-0,064	0,289
CHR6	2594365	CHR6:2594365	SSF x Near_LoA	-8,90360603	0,032	0,309
CHR6	2594381	CHR6:2594381	SSF x Near_LoA	-8,29700013	0,043	0,313
CHR6	25950387	CHR6:25950387	SSF x Near_LoA	-10,1232167	-0,030	0,299
CHR6	25951067	CHR6:25951067	SSF x Near_LoA	-8,63776482	-0,062	0,299
CHR6	25951068	CHR6:25951068	SSF x Near_LoA	-8,88980581	0,022	0,305

CHR6	25951085	CHR6:25951085	SSF x Near_LoA	-11,1984475	-0,023	0,315
CHR6	25951103	CHR6:25951103	SSF x Near_LoA	-7,94252836	0,049	0,318
CHR6	25951139	CHR6:25951139	SSF x Near_LoA	-9,70774188	-0,043	0,318
CHR6	25955701	CHR6:25955701	SSF x Near_LoA	-12,5245513	-0,033	0,304
CHR6	25957631	CHR6:25957631	SSF x Near_LoA	-10,7332545	0,041	0,297
CHR6	25957747	CHR6:25957747	SSF x Near_LoA	-9,11376786	0,166	0,304
CHR6	25957754	CHR6:25957754	SSF x Near_LoA	1,09450311	-0,141	0,309
CHR6	2596354	CHR6:2596354	SSF x Near_LoA	-9,12929828	-0,065	0,311
CHR6	25972542	CHR6:25972542	SSF x Near_LoA	-7,48076598	0,029	0,317
CHR6	25976704	CHR6:25976704	SSF x Near_LoA	-8,80069528	-0,086	0,316
CHR6	25976777	CHR6:25976777	SSF x Near_LoA	-7,48337314	0,104	0,322
CHR6	25976824	CHR6:25976824	SSF x Near_LoA	-4,26842848	0,086	0,311
CHR6	25976826	CHR6:25976826	SSF x Near_LoA	-8,52943176	0,095	0,312
CHR6	25980525	CHR6:25980525	SSF x Near_LoA	-11,5053404	-0,016	0,309
CHR6	25980761	CHR6:25980761	SSF x Near_LoA	-9,63495358	-0,016	0,318
CHR6	25992969	CHR6:25992969	SSF x Near_LoA	-8,180146	0,067	0,297
CHR6	25994818	CHR6:25994818	SSF x Near_LoA	4,61491457	0,146	0,302
CHR6	25998143	CHR6:25998143	SSF x Near_LoA	-9,98953831	0,025	0,308
CHR6	25998183	CHR6:25998183	SSF x Near_LoA	-9,15946945	0,029	0,293
CHR6	25998204	CHR6:25998204	SSF x Near_LoA	-10,6657471	0,059	0,290
CHR6	25998245	CHR6:25998245	SSF x Near_LoA	-8,97580757	0,118	0,305
CHR6	25998256	CHR6:25998256	SSF x Near_LoA	-8,61673762	0,065	0,285
CHR6	25999680	CHR6:25999680	SSF x Near_LoA	0,84662031	0,093	0,308
CHR6	26002600	CHR6:26002600	SSF x Near_LoA	-10,4490002	-0,134	0,304
CHR6	26002601	CHR6:26002601	SSF x Near_LoA	-10,4821151	-0,105	0,308
CHR6	26002774	CHR6:26002774	SSF x Near_LoA	4,67021998	0,121	0,300
CHR6	26005788	CHR6:26005788	SSF x Near_LoA	-7,7922665	-0,161	0,317
CHR6	26005836	CHR6:26005836	SSF x Near_LoA	-8,27839544	-0,095	0,314
CHR6	26008472	CHR6:26008472	SSF x Near_LoA	-9,93760343	-0,052	0,299
CHR6	26008580	CHR6:26008580	SSF x Near_LoA	-7,9101074	-0,001	0,310
CHR6	26011051	CHR6:26011051	SSF x Near_LoA	-9,04598388	0,033	0,302
CHR6	26036918	CHR6:26036918	SSF x Near_LoA	-8,5526978	0,120	0,297
CHR6	26036942	CHR6:26036942	SSF x Near_LoA	-7,92112457	0,037	0,306
CHR6	26036972	CHR6:26036972	SSF x Near_LoA	-8,82192679	0,019	0,317
CHR6	26036983	CHR6:26036983	SSF x Near_LoA	-8,33563677	0,068	0,315
CHR6	26036985	CHR6:26036985	SSF x Near_LoA	-10,3241212	0,030	0,307
CHR6	26043115	CHR6:26043115	SSF x Near_LoA	-8,13377147	0,150	0,303
CHR6	26052583	CHR6:26052583	SSF x Near_LoA	-9,35082104	0,061	0,302
CHR6	26071632	CHR6:26071632	SSF x Near_LoA	-11,2920427	0,051	0,308
CHR6	26071664	CHR6:26071664	SSF x Near_LoA	-8,5748315	0,026	0,306
CHR6	26071684	CHR6:26071684	SSF x Near_LoA	-7,81193192	0,054	0,311
CHR6	26071733	CHR6:26071733	SSF x Near_LoA	-6,59374931	-0,166	0,295
CHR6	26071787	CHR6:26071787	SSF x Near_LoA	-9,43385195	0,054	0,311
CHR6	26071806	CHR6:26071806	SSF x Near_LoA	-8,97897417	0,136	0,299
CHR6	26071815	CHR6:26071815	SSF x Near_LoA	-10,3454099	0,075	0,297
CHR6	26071827	CHR6:26071827	SSF x Near_LoA	-8,59533749	0,073	0,319
CHR6	26073380	CHR6:26073380	SSF x Near_LoA	-8,36313837	-0,136	0,299
CHR6	26078481	CHR6:26078481	SSF x Near_LoA	-9,21478098	-0,005	0,313
CHR6	26078534	CHR6:26078534	SSF x Near_LoA	-9,55918518	-0,019	0,292
CHR6	26078569	CHR6:26078569	SSF x Near_LoA	-9,69681463	0,015	0,320
CHR6	26078602	CHR6:26078602	SSF x Near_LoA	-6,23063235	0,071	0,330
CHR6	26078616	CHR6:26078616	SSF x Near_LoA	-8,76636367	-0,012	0,296
CHR6	26078624	CHR6:26078624	SSF x Near_LoA	-7,87973811	0,034	0,301

CHR6	26081125	CHR6:26081125	SSF x Near_LoA	-8,98608658	-0,001	0,312
CHR6	26081178	CHR6:26081178	SSF x Near_LoA	-9,94544003	-0,026	0,316
CHR6	26085594	CHR6:26085594	SSF x Near_LoA	-6,58111283	-0,146	0,309
CHR6	26085595	CHR6:26085595	SSF x Near_LoA	-6,36088949	-0,156	0,300
CHR6	26085596	CHR6:26085596	SSF x Near_LoA	-6,80856988	-0,165	0,304
CHR6	26085667	CHR6:26085667	SSF x Near_LoA	-11,4577934	0,034	0,300
CHR6	26091190	CHR6:26091190	SSF x Near_LoA	-7,74380643	0,057	0,295
CHR6	26091323	CHR6:26091323	SSF x Near_LoA	-9,30528751	-0,091	0,310
CHR6	26091403	CHR6:26091403	SSF x Near_LoA	-8,34703581	-0,027	0,316
CHR6	26094493	CHR6:26094493	SSF x Near_LoA	-8,7065131	0,047	0,302
CHR6	26099295	CHR6:26099295	SSF x Near_LoA	-11,6162241	-0,010	0,316
CHR6	26099515	CHR6:26099515	SSF x Near_LoA	-10,0467097	0,023	0,328
CHR6	26103282	CHR6:26103282	SSF x Near_LoA	-9,81214821	0,058	0,301
CHR6	26103327	CHR6:26103327	SSF x Near_LoA	-8,67231297	0,145	0,300
CHR6	26103342	CHR6:26103342	SSF x Near_LoA	-6,82100619	0,154	0,308
CHR6	26103462	CHR6:26103462	SSF x Near_LoA	-3,46480377	-0,136	0,305
CHR6	26103474	CHR6:26103474	SSF x Near_LoA	-9,81687952	-0,073	0,314
CHR6	26106240	CHR6:26106240	SSF x Near_LoA	-10,0700506	0,068	0,295
CHR6	26121754	CHR6:26121754	SSF x Near_LoA	-12,0306839	0,010	0,295
CHR6	26121834	CHR6:26121834	SSF x Near_LoA	-9,47946678	0,058	0,309
CHR6	26123528	CHR6:26123528	SSF x Near_LoA	-6,96560319	-0,057	0,308
CHR6	26125748	CHR6:26125748	SSF x Near_LoA	-11,3192602	0,038	0,298
CHR6	26132818	CHR6:26132818	SSF x Near_LoA	-8,4097589	-0,023	0,313
CHR6	26132819	CHR6:26132819	SSF x Near_LoA	-9,93506752	0,063	0,300
CHR6	26132827	CHR6:26132827	SSF x Near_LoA	-8,63018361	0,062	0,301
CHR6	26134984	CHR6:26134984	SSF x Near_LoA	-8,74758926	-0,090	0,304
CHR6	26150215	CHR6:26150215	SSF x Near_LoA	-11,6242322	0,024	0,305
CHR6	26156794	CHR6:26156794	SSF x Near_LoA	-10,9479939	-0,005	0,304
CHR6	26156881	CHR6:26156881	SSF x Near_LoA	-9,94137783	0,091	0,308
CHR6	26157097	CHR6:26157097	SSF x Near_LoA	-9,89643161	-0,098	0,312
CHR6	26157099	CHR6:26157099	SSF x Near_LoA	-10,7146391	-0,116	0,304
CHR6	26158831	CHR6:26158831	SSF x Near_LoA	-11,1090984	0,017	0,304
CHR6	26158861	CHR6:26158861	SSF x Near_LoA	-7,03999323	0,151	0,304
CHR6	26161384	CHR6:26161384	SSF x Near_LoA	-10,9293338	0,067	0,309
CHR6	26161391	CHR6:26161391	SSF x Near_LoA	-10,4134548	0,008	0,331
CHR6	26161397	CHR6:26161397	SSF x Near_LoA	-8,22126491	0,109	0,305
CHR6	26161404	CHR6:26161404	SSF x Near_LoA	-10,3615327	0,037	0,303
CHR6	26162801	CHR6:26162801	SSF x Near_LoA	-11,3448739	-0,012	0,315
CHR6	26165933	CHR6:26165933	SSF x Near_LoA	-9,06047027	0,132	0,296
CHR6	26165967	CHR6:26165967	SSF x Near_LoA	-8,63526213	0,089	0,296
CHR6	26166018	CHR6:26166018	SSF x Near_LoA	-8,64353579	-0,026	0,313
CHR6	26166047	CHR6:26166047	SSF x Near_LoA	-10,7314473	-0,047	0,305
CHR6	26166073	CHR6:26166073	SSF x Near_LoA	-9,8432629	-0,019	0,323
CHR6	26166075	CHR6:26166075	SSF x Near_LoA	-9,41864993	-0,034	0,308
CHR6	26166077	CHR6:26166077	SSF x Near_LoA	-7,69739565	-0,115	0,305
CHR6	26166122	CHR6:26166122	SSF x Near_LoA	-9,0636516	-0,008	0,313
CHR6	26166124	CHR6:26166124	SSF x Near_LoA	-8,37510422	0,099	0,297
CHR6	26166143	CHR6:26166143	SSF x Near_LoA	-5,1306491	0,118	0,301
CHR6	26171941	CHR6:26171941	SSF x Near_LoA	-6,68250798	-0,118	0,308
CHR6	26175481	CHR6:26175481	SSF x Near_LoA	-8,95132245	0,043	0,304
CHR6	26192631	CHR6:26192631	SSF x Near_LoA	-8,40331145	-0,099	0,311
CHR6	26192843	CHR6:26192843	SSF x Near_LoA	-8,97448527	-0,023	0,323
CHR6	26192874	CHR6:26192874	SSF x Near_LoA	-8,32645891	-0,180	0,300

CHR6	26200421	CHR6:26200421	SSF x Near_LoA	-10,9272596	0,017	0,310
CHR6	26200424	CHR6:26200424	SSF x Near_LoA	-10,8014506	-0,061	0,319
CHR6	26200492	CHR6:26200492	SSF x Near_LoA	-11,5625302	0,020	0,304
CHR6	26200512	CHR6:26200512	SSF x Near_LoA	-8,99869192	0,079	0,294
CHR6	26200537	CHR6:26200537	SSF x Near_LoA	-8,76399476	0,104	0,300
CHR6	26208336	CHR6:26208336	SSF x Near_LoA	-8,68894677	-0,041	0,308
CHR6	26208376	CHR6:26208376	SSF x Near_LoA	-10,2260295	-0,039	0,316
CHR6	26217640	CHR6:26217640	SSF x Near_LoA	-9,09392604	-0,076	0,311
CHR6	26217668	CHR6:26217668	SSF x Near_LoA	-11,7178138	0,026	0,313
CHR6	26218213	CHR6:26218213	SSF x Near_LoA	-8,95748042	-0,048	0,318
CHR6	26218216	CHR6:26218216	SSF x Near_LoA	-7,87783601	0,053	0,319
CHR6	26218230	CHR6:26218230	SSF x Near_LoA	-8,28455925	0,047	0,301
CHR6	26218258	CHR6:26218258	SSF x Near_LoA	-9,97338174	-0,020	0,306
CHR6	26232203	CHR6:26232203	SSF x Near_LoA	-8,71777454	0,028	0,314
CHR6	26232303	CHR6:26232303	SSF x Near_LoA	-10,5306521	-0,039	0,309
CHR6	26238657	CHR6:26238657	SSF x Near_LoA	-10,4628167	0,006	0,305
CHR6	26238669	CHR6:26238669	SSF x Near_LoA	-10,2346328	-0,009	0,319
CHR6	26247122	CHR6:26247122	SSF x Near_LoA	-6,52171128	-0,092	0,309
CHR6	26247127	CHR6:26247127	SSF x Near_LoA	-6,27929146	0,008	0,314
CHR6	26247137	CHR6:26247137	SSF x Near_LoA	-8,51820316	-0,022	0,309
CHR6	26247152	CHR6:26247152	SSF x Near_LoA	-5,86781493	-0,150	0,292
CHR6	26247173	CHR6:26247173	SSF x Near_LoA	-7,40664539	0,133	0,310
CHR6	2624728	CHR6:2624728	SSF x Near_LoA	-7,63930396	-0,130	0,298
CHR6	26261718	CHR6:26261718	SSF x Near_LoA	-10,1767969	0,090	0,300
CHR6	26261835	CHR6:26261835	SSF x Near_LoA	-9,44169923	-0,017	0,307
CHR6	26261863	CHR6:26261863	SSF x Near_LoA	-10,5916895	-0,033	0,316
CHR6	26265585	CHR6:26265585	SSF x Near_LoA	-8,47332347	0,054	0,304
CHR6	26276680	CHR6:26276680	SSF x Near_LoA	-11,6676527	-0,019	0,299
CHR6	26276724	CHR6:26276724	SSF x Near_LoA	-8,6931746	-0,084	0,305
CHR6	26276757	CHR6:26276757	SSF x Near_LoA	-8,35989493	-0,026	0,304
CHR6	26281742	CHR6:26281742	SSF x Near_LoA	-11,8543415	-0,018	0,302
CHR6	26283656	CHR6:26283656	SSF x Near_LoA	-9,62198311	0,002	0,321
CHR6	26283722	CHR6:26283722	SSF x Near_LoA	-9,28977697	-0,094	0,297
CHR6	26283857	CHR6:26283857	SSF x Near_LoA	-8,75306905	0,029	0,308
CHR6	26283887	CHR6:26283887	SSF x Near_LoA	-9,94687294	-0,004	0,289
CHR6	26285531	CHR6:26285531	SSF x Near_LoA	-8,48350215	-0,031	0,295
CHR6	26292446	CHR6:26292446	SSF x Near_LoA	-9,33921936	-0,027	0,320
CHR6	26292533	CHR6:26292533	SSF x Near_LoA	-4,19093135	-0,079	0,313
CHR6	26292576	CHR6:26292576	SSF x Near_LoA	-10,7016729	0,064	0,311
CHR6	26292707	CHR6:26292707	SSF x Near_LoA	-7,30282867	0,033	0,308
CHR6	26292713	CHR6:26292713	SSF x Near_LoA	-11,0367338	-0,066	0,310
CHR6	2629308	CHR6:2629308	SSF x Near_LoA	-10,1730252	0,077	0,306
CHR6	2629475	CHR6:2629475	SSF x Near_LoA	-9,88087375	0,045	0,318
CHR6	26319333	CHR6:26319333	SSF x Near_LoA	-5,34382516	0,086	0,321
CHR6	26319338	CHR6:26319338	SSF x Near_LoA	-11,65997	0,057	0,302
CHR6	2631943	CHR6:2631943	SSF x Near_LoA	-8,52374402	-0,085	0,307
CHR6	2632036	CHR6:2632036	SSF x Near_LoA	-11,3253877	-0,139	0,300
CHR6	2632147	CHR6:2632147	SSF x Near_LoA	-7,83576035	0,134	0,304
CHR6	2632185	CHR6:2632185	SSF x Near_LoA	-5,89189506	-0,180	0,298
CHR6	26327494	CHR6:26327494	SSF x Near_LoA	-8,37973159	-0,137	0,306
CHR6	26327501	CHR6:26327501	SSF x Near_LoA	-7,07942549	0,101	0,291
CHR6	26328436	CHR6:26328436	SSF x Near_LoA	-8,53918677	-0,162	0,306
CHR6	26328540	CHR6:26328540	SSF x Near_LoA	-11,6667059	0,072	0,307

CHR6	26328544	CHR6:26328544	SSF x Near_LoA	-9,46228587	0,049	0,299
CHR6	26335635	CHR6:26335635	SSF x Near_LoA	-10,3797584	0,018	0,308
CHR6	26344913	CHR6:26344913	SSF x Near_LoA	-8,90643666	-0,027	0,313
CHR6	26355791	CHR6:26355791	SSF x Near_LoA	-9,04727046	-0,026	0,299
CHR6	26355899	CHR6:26355899	SSF x Near_LoA	-10,4812535	0,052	0,305
CHR6	26355965	CHR6:26355965	SSF x Near_LoA	-10,8145225	0,075	0,302
CHR6	26364286	CHR6:26364286	SSF x Near_LoA	-10,6922945	-0,036	0,307
CHR6	26366866	CHR6:26366866	SSF x Near_LoA	-7,54997963	-0,073	0,298
CHR6	26370885	CHR6:26370885	SSF x Near_LoA	-7,59025918	-0,128	0,306
CHR6	26370889	CHR6:26370889	SSF x Near_LoA	-8,17522799	-0,115	0,300
CHR6	2637532	CHR6:2637532	SSF x Near_LoA	-7,75737678	0,028	0,310
CHR6	2637569	CHR6:2637569	SSF x Near_LoA	-8,68410611	0,094	0,308
CHR6	2637597	CHR6:2637597	SSF x Near_LoA	-9,83208133	0,003	0,302
CHR6	2637610	CHR6:2637610	SSF x Near_LoA	-9,8123831	0,001	0,309
CHR6	2637615	CHR6:2637615	SSF x Near_LoA	-10,2376966	-0,056	0,306
CHR6	2637655	CHR6:2637655	SSF x Near_LoA	-11,1536833	-0,096	0,291
CHR6	2637656	CHR6:2637656	SSF x Near_LoA	-11,0574345	-0,056	0,294
CHR6	2637703	CHR6:2637703	SSF x Near_LoA	-6,89915795	0,112	0,303
CHR6	26377207	CHR6:26377207	SSF x Near_LoA	-10,4221907	0,075	0,291
CHR6	26377215	CHR6:26377215	SSF x Near_LoA	-7,79405947	-0,120	0,292
CHR6	26377282	CHR6:26377282	SSF x Near_LoA	-7,57821789	0,214	0,299
CHR6	26377301	CHR6:26377301	SSF x Near_LoA	-9,40491808	0,012	0,315
CHR6	26377341	CHR6:26377341	SSF x Near_LoA	-8,60584362	0,164	0,303
CHR6	26388553	CHR6:26388553	SSF x Near_LoA	-10,8849694	0,109	0,304
CHR6	26388654	CHR6:26388654	SSF x Near_LoA	-11,4129217	-0,033	0,302
CHR6	2639226	CHR6:2639226	SSF x Near_LoA	-11,0836377	0,008	0,306
CHR6	26393193	CHR6:26393193	SSF x Near_LoA	-11,2185408	0,124	0,298
CHR6	26393292	CHR6:26393292	SSF x Near_LoA	-9,60996618	-0,057	0,314
CHR6	26393338	CHR6:26393338	SSF x Near_LoA	-6,47302691	0,078	0,311
CHR6	26393381	CHR6:26393381	SSF x Near_LoA	-3,74856128	0,023	0,317
CHR6	2639342	CHR6:2639342	SSF x Near_LoA	-8,42030922	-0,037	0,308
CHR6	2639358	CHR6:2639358	SSF x Near_LoA	-7,63576396	-0,060	0,320
CHR6	26399742	CHR6:26399742	SSF x Near_LoA	-7,20779538	-0,101	0,302
CHR6	26399795	CHR6:26399795	SSF x Near_LoA	-10,3529578	-0,124	0,297
CHR6	26399813	CHR6:26399813	SSF x Near_LoA	-9,14555713	-0,078	0,311
CHR6	26407821	CHR6:26407821	SSF x Near_LoA	-10,299994	-0,089	0,301
CHR6	26407946	CHR6:26407946	SSF x Near_LoA	-9,33423276	0,114	0,310
CHR6	26416492	CHR6:26416492	SSF x Near_LoA	-9,43946914	0,026	0,326
CHR6	26416714	CHR6:26416714	SSF x Near_LoA	-10,0738425	-0,004	0,304
CHR6	26416732	CHR6:26416732	SSF x Near_LoA	-10,1038264	-0,039	0,303
CHR6	26416740	CHR6:26416740	SSF x Near_LoA	-6,39590034	-0,010	0,309
CHR6	26417807	CHR6:26417807	SSF x Near_LoA	-11,1636351	-0,067	0,301
CHR6	26422806	CHR6:26422806	SSF x Near_LoA	-10,7978938	-0,070	0,301
CHR6	26422814	CHR6:26422814	SSF x Near_LoA	-10,7785471	-0,014	0,322
CHR6	26422822	CHR6:26422822	SSF x Near_LoA	-9,34173768	-0,144	0,298
CHR6	26427172	CHR6:26427172	SSF x Near_LoA	-7,43055777	-0,061	0,296
CHR6	26436467	CHR6:26436467	SSF x Near_LoA	-11,7129216	0,048	0,303
CHR6	26436476	CHR6:26436476	SSF x Near_LoA	-10,7455538	-0,094	0,300
CHR6	26436554	CHR6:26436554	SSF x Near_LoA	-10,8418838	0,025	0,306
CHR6	26439670	CHR6:26439670	SSF x Near_LoA	-9,31219716	-0,005	0,310
CHR6	26447239	CHR6:26447239	SSF x Near_LoA	-10,8172209	-0,072	0,298
CHR6	26450457	CHR6:26450457	SSF x Near_LoA	-10,4512872	0,094	0,313
CHR6	26450467	CHR6:26450467	SSF x Near_LoA	-9,51439771	0,058	0,310

CHR6	26450469	CHR6:26450469	SSF x Near_LoA	-10,183304	0,097	0,304
CHR6	26454225	CHR6:26454225	SSF x Near_LoA	-9,73425695	0,086	0,298
CHR6	26454366	CHR6:26454366	SSF x Near_LoA	-5,76112141	-0,087	0,305
CHR6	26459862	CHR6:26459862	SSF x Near_LoA	-10,0017346	-0,038	0,310
CHR6	26460175	CHR6:26460175	SSF x Near_LoA	-9,7637727	-0,015	0,307
CHR6	2646238	CHR6:2646238	SSF x Near_LoA	-10,0357188	-0,053	0,307
CHR6	2646403	CHR6:2646403	SSF x Near_LoA	-7,70426534	-0,078	0,310
CHR6	26464646	CHR6:26464646	SSF x Near_LoA	-6,06823991	0,181	0,301
CHR6	26464671	CHR6:26464671	SSF x Near_LoA	-9,95960147	-0,121	0,312
CHR6	26464676	CHR6:26464676	SSF x Near_LoA	-4,99036073	0,211	0,289
CHR6	26472207	CHR6:26472207	SSF x Near_LoA	-5,47587794	-0,153	0,308
CHR6	26472306	CHR6:26472306	SSF x Near_LoA	-8,01589328	-0,143	0,297
CHR6	26472345	CHR6:26472345	SSF x Near_LoA	-7,68807562	0,112	0,308
CHR6	26486214	CHR6:26486214	SSF x Near_LoA	-8,95225729	0,077	0,297
CHR6	26486217	CHR6:26486217	SSF x Near_LoA	-9,2767825	0,007	0,323
CHR6	26486322	CHR6:26486322	SSF x Near_LoA	-10,6900491	0,008	0,313
CHR6	26486330	CHR6:26486330	SSF x Near_LoA	-11,1250575	0,086	0,310
CHR6	26486384	CHR6:26486384	SSF x Near_LoA	-9,69759877	0,103	0,298
CHR6	26486497	CHR6:26486497	SSF x Near_LoA	-4,71318311	0,114	0,306
CHR6	26490587	CHR6:26490587	SSF x Near_LoA	-10,8904802	0,009	0,301
CHR6	26491829	CHR6:26491829	SSF x Near_LoA	-11,4617647	-0,070	0,319
CHR6	26491882	CHR6:26491882	SSF x Near_LoA	-9,35686985	0,007	0,301
CHR6	26491941	CHR6:26491941	SSF x Near_LoA	-10,5681408	-0,062	0,320
CHR6	26501399	CHR6:26501399	SSF x Near_LoA	-8,88743706	-0,001	0,316
CHR6	26519584	CHR6:26519584	SSF x Near_LoA	-9,92358274	0,079	0,308
CHR6	26519688	CHR6:26519688	SSF x Near_LoA	-8,64310567	0,056	0,317
CHR6	26519828	CHR6:26519828	SSF x Near_LoA	-9,16774018	-0,056	0,312
CHR6	26524165	CHR6:26524165	SSF x Near_LoA	-10,5137644	0,099	0,303
CHR6	26524191	CHR6:26524191	SSF x Near_LoA	-9,77770133	0,093	0,301
CHR6	26524209	CHR6:26524209	SSF x Near_LoA	-8,24143773	-0,090	0,308
CHR6	26524212	CHR6:26524212	SSF x Near_LoA	-8,47128467	-0,106	0,326
CHR6	26524235	CHR6:26524235	SSF x Near_LoA	-9,1525679	-0,072	0,315
CHR6	26534321	CHR6:26534321	SSF x Near_LoA	-9,62966661	0,131	0,293
CHR6	26534338	CHR6:26534338	SSF x Near_LoA	-9,48797723	0,025	0,309
CHR6	26535679	CHR6:26535679	SSF x Near_LoA	-9,82438454	-0,155	0,303
CHR6	26545485	CHR6:26545485	SSF x Near_LoA	-10,6868752	-0,050	0,295
CHR6	26560401	CHR6:26560401	SSF x Near_LoA	-9,47641651	0,004	0,310
CHR6	26560408	CHR6:26560408	SSF x Near_LoA	-9,30687025	-0,054	0,304
CHR6	26560410	CHR6:26560410	SSF x Near_LoA	-8,76770109	0,033	0,318
CHR6	26560459	CHR6:26560459	SSF x Near_LoA	-7,74938854	0,063	0,300
CHR6	26560472	CHR6:26560472	SSF x Near_LoA	-9,54091555	0,070	0,314
CHR6	26560488	CHR6:26560488	SSF x Near_LoA	-10,9716115	0,045	0,289
CHR6	26560499	CHR6:26560499	SSF x Near_LoA	-8,93759545	0,041	0,316
CHR6	26560527	CHR6:26560527	SSF x Near_LoA	-1,13829208	0,071	0,317
CHR6	26561991	CHR6:26561991	SSF x Near_LoA	-9,80560169	-0,079	0,317
CHR6	26562014	CHR6:26562014	SSF x Near_LoA	-5,71488636	-0,175	0,288
CHR6	26562024	CHR6:26562024	SSF x Near_LoA	-11,8092696	-0,046	0,302
CHR6	26568147	CHR6:26568147	SSF x Near_LoA	-10,0619875	0,074	0,301
CHR6	26576776	CHR6:26576776	SSF x Near_LoA	-8,40437767	0,016	0,301
CHR6	26576843	CHR6:26576843	SSF x Near_LoA	-8,51951478	-0,029	0,309
CHR6	26583063	CHR6:26583063	SSF x Near_LoA	-10,2918714	-0,067	0,296
CHR6	26583150	CHR6:26583150	SSF x Near_LoA	-10,6546883	-0,098	0,307
CHR6	26583284	CHR6:26583284	SSF x Near_LoA	-10,8923866	0,058	0,301

CHR6	26583286	CHR6:26583286	SSF x Near_LoA	-10,2411398	0,017	0,314
CHR6	26583308	CHR6:26583308	SSF x Near_LoA	-10,2663849	-0,040	0,312
CHR6	26595366	CHR6:26595366	SSF x Near_LoA	-10,317455	-0,002	0,320
CHR6	26595388	CHR6:26595388	SSF x Near_LoA	-9,48444019	0,068	0,305
CHR6	26595392	CHR6:26595392	SSF x Near_LoA	-8,33951895	0,002	0,308
CHR6	26595772	CHR6:26595772	SSF x Near_LoA	-9,13267263	-0,051	0,322
CHR6	26595836	CHR6:26595836	SSF x Near_LoA	-8,87255792	0,025	0,322
CHR6	26595846	CHR6:26595846	SSF x Near_LoA	-8,29725228	0,113	0,304
CHR6	26596523	CHR6:26596523	SSF x Near_LoA	0,63543837	-0,109	0,300
CHR6	26596545	CHR6:26596545	SSF x Near_LoA	-10,080807	0,161	0,298
CHR6	26596546	CHR6:26596546	SSF x Near_LoA	-10,1763692	-0,091	0,292
CHR6	26596591	CHR6:26596591	SSF x Near_LoA	-8,90690596	0,077	0,306
CHR6	26596612	CHR6:26596612	SSF x Near_LoA	-9,26038577	0,100	0,305
CHR6	26600287	CHR6:26600287	SSF x Near_LoA	-6,09092784	0,152	0,300
CHR6	26600370	CHR6:26600370	SSF x Near_LoA	-2,86985007	-0,153	0,309
CHR6	26600444	CHR6:26600444	SSF x Near_LoA	-8,4539898	-0,152	0,306
CHR6	26607329	CHR6:26607329	SSF x Near_LoA	-6,83735543	0,148	0,303
CHR6	26607337	CHR6:26607337	SSF x Near_LoA	-11,2111395	-0,012	0,329
CHR6	26607409	CHR6:26607409	SSF x Near_LoA	-4,29476393	-0,075	0,288
CHR6	26619122	CHR6:26619122	SSF x Near_LoA	-9,91180185	-0,058	0,309
CHR6	26620147	CHR6:26620147	SSF x Near_LoA	-8,38517606	-0,039	0,309
CHR6	26620178	CHR6:26620178	SSF x Near_LoA	-10,2371235	-0,017	0,308
CHR6	26620226	CHR6:26620226	SSF x Near_LoA	-9,71644812	-0,049	0,304
CHR6	26620324	CHR6:26620324	SSF x Near_LoA	-10,1317805	0,103	0,313
CHR6	26624168	CHR6:26624168	SSF x Near_LoA	-11,1323684	0,014	0,304
CHR6	26624185	CHR6:26624185	SSF x Near_LoA	-10,7496616	-0,084	0,304
CHR6	26624272	CHR6:26624272	SSF x Near_LoA	-11,9050054	0,019	0,305
CHR6	26624388	CHR6:26624388	SSF x Near_LoA	-8,26286136	0,145	0,282
CHR6	26624450	CHR6:26624450	SSF x Near_LoA	-9,78979539	0,092	0,298
CHR6	26629619	CHR6:26629619	SSF x Near_LoA	-9,35048217	0,042	0,313
CHR6	26629718	CHR6:26629718	SSF x Near_LoA	-9,78043481	0,050	0,299
CHR6	26630948	CHR6:26630948	SSF x Near_LoA	-6,82537189	0,012	0,312
CHR6	26630966	CHR6:26630966	SSF x Near_LoA	-5,42587984	0,118	0,310
CHR6	26631004	CHR6:26631004	SSF x Near_LoA	-8,10308968	-0,073	0,310
CHR6	26631017	CHR6:26631017	SSF x Near_LoA	-9,81698207	-0,035	0,307
CHR6	26635212	CHR6:26635212	SSF x Near_LoA	-9,94371552	0,044	0,309
CHR6	26635217	CHR6:26635217	SSF x Near_LoA	-10,6015114	-0,096	0,298
CHR6	26636042	CHR6:26636042	SSF x Near_LoA	-3,39325652	-0,149	0,308
CHR6	26636043	CHR6:26636043	SSF x Near_LoA	-9,52220465	0,114	0,305
CHR6	26636144	CHR6:26636144	SSF x Near_LoA	-10,0650977	-0,092	0,275
CHR6	26636191	CHR6:26636191	SSF x Near_LoA	-8,42540632	-0,129	0,303
CHR6	26645463	CHR6:26645463	SSF x Near_LoA	-10,2819524	0,053	0,309
CHR6	26645470	CHR6:26645470	SSF x Near_LoA	-7,98942064	0,019	0,309
CHR6	26645500	CHR6:26645500	SSF x Near_LoA	-9,24455866	-0,027	0,321
CHR6	26645532	CHR6:26645532	SSF x Near_LoA	-10,564527	-0,086	0,296
CHR6	26645547	CHR6:26645547	SSF x Near_LoA	-7,44397736	-0,040	0,308
CHR6	26645675	CHR6:26645675	SSF x Near_LoA	-9,28249482	0,067	0,307
CHR6	26647528	CHR6:26647528	SSF x Near_LoA	-9,95177884	-0,067	0,318
CHR6	2665709	CHR6:2665709	SSF x Near_LoA	-8,66386699	0,008	0,313
CHR6	2665737	CHR6:2665737	SSF x Near_LoA	-4,87607404	0,253	0,286
CHR6	2665761	CHR6:2665761	SSF x Near_LoA	-8,9805515	0,101	0,305
CHR6	2665766	CHR6:2665766	SSF x Near_LoA	-8,57119311	0,184	0,298
CHR6	26659838	CHR6:26659838	SSF x Near_LoA	-10,5895541	0,028	0,307

CHR6	26659910	CHR6:26659910	SSF x Near_LoA	-8,8204237	0,054	0,322
CHR6	26660076	CHR6:26660076	SSF x Near_LoA	-9,81587527	0,060	0,307
CHR6	26663542	CHR6:26663542	SSF x Near_LoA	-5,31308206	-0,189	0,287
CHR6	26673172	CHR6:26673172	SSF x Near_LoA	-10,2007728	-0,096	0,316
CHR6	26682082	CHR6:26682082	SSF x Near_LoA	-6,5008694	-0,016	0,324
CHR6	26694766	CHR6:26694766	SSF x Near_LoA	-7,9776652	0,042	0,312
CHR6	26694773	CHR6:26694773	SSF x Near_LoA	-9,62624194	0,029	0,303
CHR6	26694802	CHR6:26694802	SSF x Near_LoA	-8,26407449	0,090	0,296
CHR6	26694857	CHR6:26694857	SSF x Near_LoA	-9,67690373	-0,017	0,296
CHR6	26698237	CHR6:26698237	SSF x Near_LoA	-10,1259898	-0,009	0,324
CHR6	26698365	CHR6:26698365	SSF x Near_LoA	-11,3172596	-0,007	0,308
CHR6	26701849	CHR6:26701849	SSF x Near_LoA	-8,98767396	-0,159	0,295
CHR6	26709824	CHR6:26709824	SSF x Near_LoA	11,6706321	0,153	0,306
CHR6	26710016	CHR6:26710016	SSF x Near_LoA	-10,7674233	-0,042	0,318
CHR6	26716303	CHR6:26716303	SSF x Near_LoA	-6,43726433	0,169	0,310
CHR6	26716433	CHR6:26716433	SSF x Near_LoA	-7,66938955	-0,155	0,319
CHR6	26716459	CHR6:26716459	SSF x Near_LoA	-10,5724132	-0,087	0,311
CHR6	26716493	CHR6:26716493	SSF x Near_LoA	-7,1367548	-0,132	0,301
CHR6	2671707	CHR6:2671707	SSF x Near_LoA	-10,3632388	0,033	0,301
CHR6	2671708	CHR6:2671708	SSF x Near_LoA	-9,77055156	0,026	0,301
CHR6	2671716	CHR6:2671716	SSF x Near_LoA	-9,9520569	0,022	0,319
CHR6	2671755	CHR6:2671755	SSF x Near_LoA	-10,3374613	0,088	0,316
CHR6	2671760	CHR6:2671760	SSF x Near_LoA	-10,4852792	0,018	0,301
CHR6	26721569	CHR6:26721569	SSF x Near_LoA	-10,3957688	0,094	0,299
CHR6	26746017	CHR6:26746017	SSF x Near_LoA	-8,45142012	-0,018	0,315
CHR6	26746077	CHR6:26746077	SSF x Near_LoA	-10,6883467	0,057	0,307
CHR6	26746148	CHR6:26746148	SSF x Near_LoA	-10,1145209	-0,002	0,311
CHR6	26746177	CHR6:26746177	SSF x Near_LoA	-7,28192957	0,101	0,319
CHR6	26746217	CHR6:26746217	SSF x Near_LoA	-10,8893187	-0,033	0,308
CHR6	26754309	CHR6:26754309	SSF x Near_LoA	-8,7413509	-0,049	0,308
CHR6	26756132	CHR6:26756132	SSF x Near_LoA	-10,5134777	-0,065	0,301
CHR6	26757261	CHR6:26757261	SSF x Near_LoA	-8,63957593	-0,009	0,312
CHR6	26757288	CHR6:26757288	SSF x Near_LoA	-9,90856623	0,127	0,295
CHR6	26757343	CHR6:26757343	SSF x Near_LoA	-9,99522776	0,097	0,311
CHR6	26757344	CHR6:26757344	SSF x Near_LoA	-6,28349035	-0,039	0,310
CHR6	26757427	CHR6:26757427	SSF x Near_LoA	-8,87338876	0,053	0,292
CHR6	26757480	CHR6:26757480	SSF x Near_LoA	-11,4010289	0,069	0,301
CHR6	2675987	CHR6:2675987	SSF x Near_LoA	-7,04789278	0,160	0,300
CHR6	2676014	CHR6:2676014	SSF x Near_LoA	-6,27412707	0,214	0,292
CHR6	26762828	CHR6:26762828	SSF x Near_LoA	-5,47838631	-0,002	0,300
CHR6	26762877	CHR6:26762877	SSF x Near_LoA	-10,2850719	-0,016	0,305
CHR6	26763017	CHR6:26763017	SSF x Near_LoA	-9,21660376	-0,054	0,310
CHR6	26763025	CHR6:26763025	SSF x Near_LoA	-9,98998053	0,086	0,308
CHR6	26765825	CHR6:26765825	SSF x Near_LoA	-8,72659639	0,085	0,309
CHR6	26765827	CHR6:26765827	SSF x Near_LoA	-8,08111241	-0,035	0,304
CHR6	26765872	CHR6:26765872	SSF x Near_LoA	-8,4874975	-0,044	0,318
CHR6	26767595	CHR6:26767595	SSF x Near_LoA	-9,04341957	0,012	0,313
CHR6	26767642	CHR6:26767642	SSF x Near_LoA	-8,73572563	0,053	0,302
CHR6	26767767	CHR6:26767767	SSF x Near_LoA	-10,5200142	0,050	0,310
CHR6	26769286	CHR6:26769286	SSF x Near_LoA	-9,10966943	-0,019	0,312
CHR6	26769474	CHR6:26769474	SSF x Near_LoA	-9,72987376	-0,098	0,289
CHR6	26769475	CHR6:26769475	SSF x Near_LoA	-10,1971194	-0,081	0,308
CHR6	26769491	CHR6:26769491	SSF x Near_LoA	-10,270695	0,086	0,310

CHR6	26782185	CHR6:26782185	SSF x Near_LoA	-6,09382606	0,124	0,303
CHR6	26782328	CHR6:26782328	SSF x Near_LoA	-7,2619325	-0,082	0,331
CHR6	26782389	CHR6:26782389	SSF x Near_LoA	-11,1150615	0,072	0,297
CHR6	26782396	CHR6:26782396	SSF x Near_LoA	-11,0559144	0,055	0,305
CHR6	26788287	CHR6:26788287	SSF x Near_LoA	-6,54711657	0,106	0,317
CHR6	2679231	CHR6:2679231	SSF x Near_LoA	-10,2414745	-0,081	0,303
CHR6	2679243	CHR6:2679243	SSF x Near_LoA	-0,68156853	0,023	0,304
CHR6	2679273	CHR6:2679273	SSF x Near_LoA	-7,42171752	0,027	0,310
CHR6	2679280	CHR6:2679280	SSF x Near_LoA	-6,16911103	0,004	0,310
CHR6	2679294	CHR6:2679294	SSF x Near_LoA	-7,53267755	-0,097	0,308
CHR6	2679359	CHR6:2679359	SSF x Near_LoA	-10,7189123	0,028	0,294
CHR6	2679416	CHR6:2679416	SSF x Near_LoA	-9,1350911	0,203	0,308
CHR6	26794803	CHR6:26794803	SSF x Near_LoA	-8,17645188	-0,060	0,320
CHR6	26795316	CHR6:26795316	SSF x Near_LoA	-11,2160798	0,115	0,297
CHR6	26797771	CHR6:26797771	SSF x Near_LoA	-10,7027832	-0,032	0,310
CHR6	26801700	CHR6:26801700	SSF x Near_LoA	-9,22819524	0,103	0,308
CHR6	26806264	CHR6:26806264	SSF x Near_LoA	-10,0564973	-0,027	0,293
CHR6	26806372	CHR6:26806372	SSF x Near_LoA	-10,2651847	-0,010	0,305
CHR6	26806419	CHR6:26806419	SSF x Near_LoA	-8,52284377	0,115	0,315
CHR6	26807449	CHR6:26807449	SSF x Near_LoA	-8,67706146	-0,129	0,304
CHR6	26810318	CHR6:26810318	SSF x Near_LoA	-10,6128043	0,021	0,305
CHR6	26810349	CHR6:26810349	SSF x Near_LoA	-9,14226661	-0,041	0,299
CHR6	26810363	CHR6:26810363	SSF x Near_LoA	-8,99351637	-0,004	0,310
CHR6	26814141	CHR6:26814141	SSF x Near_LoA	-9,84008967	0,040	0,322
CHR6	26814372	CHR6:26814372	SSF x Near_LoA	-9,27321239	-0,012	0,316
CHR6	26836632	CHR6:26836632	SSF x Near_LoA	-7,11809289	0,029	0,308
CHR6	26836682	CHR6:26836682	SSF x Near_LoA	-1,90442272	0,052	0,312
CHR6	26840180	CHR6:26840180	SSF x Near_LoA	-8,75875023	0,089	0,309
CHR6	26850116	CHR6:26850116	SSF x Near_LoA	-11,2151589	0,062	0,317
CHR6	26850138	CHR6:26850138	SSF x Near_LoA	-11,5820322	0,003	0,301
CHR6	26854284	CHR6:26854284	SSF x Near_LoA	-8,66420501	-0,057	0,312
CHR6	26854330	CHR6:26854330	SSF x Near_LoA	-4,4373041	0,066	0,315
CHR6	26854348	CHR6:26854348	SSF x Near_LoA	-9,27897099	-0,065	0,290
CHR6	26854376	CHR6:26854376	SSF x Near_LoA	-8,47882444	-0,040	0,302
CHR6	26854391	CHR6:26854391	SSF x Near_LoA	-8,21502444	-0,011	0,301
CHR6	26854409	CHR6:26854409	SSF x Near_LoA	-7,72202474	-0,002	0,318
CHR6	26854419	CHR6:26854419	SSF x Near_LoA	-6,45238181	-0,028	0,316
CHR6	26854455	CHR6:26854455	SSF x Near_LoA	-8,5348357	-0,103	0,302
CHR6	26854472	CHR6:26854472	SSF x Near_LoA	-7,19608505	-0,086	0,301
CHR6	26861716	CHR6:26861716	SSF x Near_LoA	-9,11382772	0,028	0,313
CHR6	26865213	CHR6:26865213	SSF x Near_LoA	-8,08720138	0,163	0,285
CHR6	26865237	CHR6:26865237	SSF x Near_LoA	-4,16046857	-0,137	0,312
CHR6	26865252	CHR6:26865252	SSF x Near_LoA	-10,1364904	-0,138	0,301
CHR6	26865286	CHR6:26865286	SSF x Near_LoA	-10,3316776	-0,036	0,317
CHR6	26865320	CHR6:26865320	SSF x Near_LoA	-10,8435456	0,080	0,310
CHR6	2687277	CHR6:2687277	SSF x Near_LoA	-9,22775535	0,090	0,298
CHR6	2687375	CHR6:2687375	SSF x Near_LoA	-8,90099162	-0,105	0,304
CHR6	26876558	CHR6:26876558	SSF x Near_LoA	-8,10710812	0,031	0,295
CHR6	26876613	CHR6:26876613	SSF x Near_LoA	-11,8135364	0,028	0,303
CHR6	26876623	CHR6:26876623	SSF x Near_LoA	-9,36365933	-0,049	0,299
CHR6	26876632	CHR6:26876632	SSF x Near_LoA	-8,59979632	0,125	0,319
CHR6	26880028	CHR6:26880028	SSF x Near_LoA	-6,88236765	-0,082	0,299
CHR6	26885363	CHR6:26885363	SSF x Near_LoA	-11,6059334	0,052	0,309

CHR6	26885423	CHR6:26885423	SSF x Near_LoA	-8,06656598	0,074	0,317
CHR6	26885471	CHR6:26885471	SSF x Near_LoA	-8,0202164	0,008	0,313
CHR6	26885486	CHR6:26885486	SSF x Near_LoA	-8,21606777	0,106	0,313
CHR6	26885495	CHR6:26885495	SSF x Near_LoA	-8,027688	0,037	0,304
CHR6	26885528	CHR6:26885528	SSF x Near_LoA	-8,78665584	0,031	0,306
CHR6	26890748	CHR6:26890748	SSF x Near_LoA	-11,6334348	0,018	0,311
CHR6	26890790	CHR6:26890790	SSF x Near_LoA	-11,5479301	-0,003	0,301
CHR6	26890866	CHR6:26890866	SSF x Near_LoA	-9,3569044	-0,006	0,320
CHR6	26890978	CHR6:26890978	SSF x Near_LoA	-8,92154717	-0,131	0,313
CHR6	26890991	CHR6:26890991	SSF x Near_LoA	-10,3981817	0,005	0,313
CHR6	26906828	CHR6:26906828	SSF x Near_LoA	-10,3040926	-0,048	0,304
CHR6	26906913	CHR6:26906913	SSF x Near_LoA	-7,02494697	0,031	0,302
CHR6	26906945	CHR6:26906945	SSF x Near_LoA	-8,49906254	0,094	0,301
CHR6	26926129	CHR6:26926129	SSF x Near_LoA	-8,01807541	-0,080	0,314
CHR6	26928111	CHR6:26928111	SSF x Near_LoA	-9,60128061	-0,034	0,299
CHR6	26930068	CHR6:26930068	SSF x Near_LoA	-9,46288826	0,099	0,303
CHR6	26930156	CHR6:26930156	SSF x Near_LoA	-9,51000669	-0,111	0,301
CHR6	26930269	CHR6:26930269	SSF x Near_LoA	-10,4824834	0,059	0,318
CHR6	26930282	CHR6:26930282	SSF x Near_LoA	-6,04793688	-0,017	0,326
CHR6	26930323	CHR6:26930323	SSF x Near_LoA	-10,2862543	-0,066	0,318
CHR6	26934738	CHR6:26934738	SSF x Near_LoA	-8,52515498	-0,120	0,304
CHR6	26939775	CHR6:26939775	SSF x Near_LoA	-11,0894344	-0,082	0,307
CHR6	26939862	CHR6:26939862	SSF x Near_LoA	-9,35206296	-0,133	0,306
CHR6	26945191	CHR6:26945191	SSF x Near_LoA	-8,8515253	0,026	0,295
CHR6	26945279	CHR6:26945279	SSF x Near_LoA	-10,0708046	-0,030	0,310
CHR6	26956414	CHR6:26956414	SSF x Near_LoA	-11,9412755	0,002	0,300
CHR6	2695991	CHR6:2695991	SSF x Near_LoA	-8,71148834	-0,067	0,308
CHR6	2696033	CHR6:2696033	SSF x Near_LoA	-8,67919742	-0,064	0,310
CHR6	2696061	CHR6:2696061	SSF x Near_LoA	-9,02301212	0,085	0,301
CHR6	2696067	CHR6:2696067	SSF x Near_LoA	-7,65529935	-0,114	0,307
CHR6	2696122	CHR6:2696122	SSF x Near_LoA	-6,22804893	-0,054	0,305
CHR6	26961233	CHR6:26961233	SSF x Near_LoA	-8,86935659	0,001	0,304
CHR6	26961271	CHR6:26961271	SSF x Near_LoA	-2,14581668	-0,090	0,319
CHR6	2696134	CHR6:2696134	SSF x Near_LoA	-6,79487611	0,027	0,307
CHR6	2696150	CHR6:2696150	SSF x Near_LoA	-4,81924143	0,081	0,305
CHR6	26967589	CHR6:26967589	SSF x Near_LoA	-4,50756012	-0,155	0,321
CHR6	26967596	CHR6:26967596	SSF x Near_LoA	-8,92625644	0,044	0,307
CHR6	26967597	CHR6:26967597	SSF x Near_LoA	-9,50165406	-0,079	0,312
CHR6	26967694	CHR6:26967694	SSF x Near_LoA	-10,3625905	-0,002	0,302
CHR6	26967696	CHR6:26967696	SSF x Near_LoA	-7,29917349	-0,028	0,319
CHR6	26979495	CHR6:26979495	SSF x Near_LoA	-7,35369802	0,078	0,315
CHR6	26983044	CHR6:26983044	SSF x Near_LoA	-8,48157979	0,050	0,306
CHR6	26985484	CHR6:26985484	SSF x Near_LoA	-8,65648102	0,102	0,305
CHR6	26985508	CHR6:26985508	SSF x Near_LoA	-9,08021232	-0,021	0,313
CHR6	26985529	CHR6:26985529	SSF x Near_LoA	-11,1240996	0,112	0,289
CHR6	26985566	CHR6:26985566	SSF x Near_LoA	-11,7928858	0,075	0,296
CHR6	26985593	CHR6:26985593	SSF x Near_LoA	-8,89646673	-0,073	0,302
CHR6	26985609	CHR6:26985609	SSF x Near_LoA	-11,0602098	-0,055	0,303
CHR6	26985619	CHR6:26985619	SSF x Near_LoA	-9,41249191	0,044	0,306
CHR6	26985639	CHR6:26985639	SSF x Near_LoA	-9,487416	0,096	0,318
CHR6	26985640	CHR6:26985640	SSF x Near_LoA	-10,9822489	0,078	0,308
CHR6	26985667	CHR6:26985667	SSF x Near_LoA	-9,1373617	-0,055	0,310
CHR6	26991638	CHR6:26991638	SSF x Near_LoA	-8,89797984	-0,035	0,312

CHR6	26991731	CHR6:26991731	SSF x Near_LoA	-11,2824436	-0,066	0,311
CHR6	2699211	CHR6:2699211	SSF x Near_LoA	-9,09323173	-0,100	0,307
CHR6	2699382	CHR6:2699382	SSF x Near_LoA	-11,8780679	0,012	0,298
CHR6	2699425	CHR6:2699425	SSF x Near_LoA	-9,38559435	-0,118	0,304
CHR6	26995034	CHR6:26995034	SSF x Near_LoA	-8,91083103	0,080	0,312
CHR6	26995200	CHR6:26995200	SSF x Near_LoA	-10,3296427	-0,123	0,294
CHR6	26995275	CHR6:26995275	SSF x Near_LoA	-9,72252167	-0,001	0,309
CHR6	27000028	CHR6:27000028	SSF x Near_LoA	-5,91786708	-0,094	0,305
CHR6	27000039	CHR6:27000039	SSF x Near_LoA	-9,71956374	-0,035	0,312
CHR6	27000332	CHR6:27000332	SSF x Near_LoA	-10,8836184	-0,008	0,320
CHR6	27002907	CHR6:27002907	SSF x Near_LoA	-6,17543654	0,103	0,302
CHR6	2700571	CHR6:2700571	SSF x Near_LoA	-10,9456887	0,034	0,298
CHR6	27020669	CHR6:27020669	SSF x Near_LoA	-9,21200469	-0,026	0,324
CHR6	27022863	CHR6:27022863	SSF x Near_LoA	1,52666383	0,182	0,293
CHR6	27022937	CHR6:27022937	SSF x Near_LoA	-9,09087413	-0,042	0,307
CHR6	27037220	CHR6:27037220	SSF x Near_LoA	-7,35520164	-0,076	0,308
CHR6	27037343	CHR6:27037343	SSF x Near_LoA	-10,7485387	0,020	0,314
CHR6	27037461	CHR6:27037461	SSF x Near_LoA	-11,6894799	-0,078	0,299
CHR6	27039773	CHR6:27039773	SSF x Near_LoA	-9,21579401	0,042	0,297
CHR6	27051728	CHR6:27051728	SSF x Near_LoA	-10,9412279	0,014	0,308
CHR6	27051929	CHR6:27051929	SSF x Near_LoA	-3,1574428	0,177	0,304
CHR6	27051975	CHR6:27051975	SSF x Near_LoA	-8,82977376	0,018	0,299
CHR6	27064044	CHR6:27064044	SSF x Near_LoA	-7,88539905	0,028	0,303
CHR6	27064125	CHR6:27064125	SSF x Near_LoA	-8,35014878	0,027	0,307
CHR6	27064534	CHR6:27064534	SSF x Near_LoA	-7,96445367	-0,048	0,308
CHR6	27064541	CHR6:27064541	SSF x Near_LoA	-8,85804488	0,005	0,310
CHR6	27064702	CHR6:27064702	SSF x Near_LoA	-8,23794842	-0,003	0,306
CHR6	27079602	CHR6:27079602	SSF x Near_LoA	-9,98798828	0,077	0,306
CHR6	27079687	CHR6:27079687	SSF x Near_LoA	-8,10008527	-0,003	0,315
CHR6	27079714	CHR6:27079714	SSF x Near_LoA	-7,62269883	0,065	0,309
CHR6	27084061	CHR6:27084061	SSF x Near_LoA	-8,88747361	0,019	0,316
CHR6	27084132	CHR6:27084132	SSF x Near_LoA	-9,34858053	-0,086	0,308
CHR6	27084206	CHR6:27084206	SSF x Near_LoA	-10,0684245	0,049	0,311
CHR6	27098710	CHR6:27098710	SSF x Near_LoA	-8,78539318	0,168	0,309
CHR6	27098947	CHR6:27098947	SSF x Near_LoA	-10,4032634	0,030	0,294
CHR6	27098984	CHR6:27098984	SSF x Near_LoA	-6,55791127	-0,094	0,301
CHR6	27110795	CHR6:27110795	SSF x Near_LoA	-9,78645437	-0,013	0,313
CHR6	27112547	CHR6:27112547	SSF x Near_LoA	-11,3687508	0,017	0,308
CHR6	27112583	CHR6:27112583	SSF x Near_LoA	-8,91281307	-0,015	0,314
CHR6	27112599	CHR6:27112599	SSF x Near_LoA	-7,66864368	-0,078	0,302
CHR6	27117579	CHR6:27117579	SSF x Near_LoA	-11,0011042	-0,104	0,308
CHR6	27120961	CHR6:27120961	SSF x Near_LoA	-10,6650695	-0,004	0,307
CHR6	27125612	CHR6:27125612	SSF x Near_LoA	-9,25183414	0,037	0,309
CHR6	27125760	CHR6:27125760	SSF x Near_LoA	-10,6622092	0,022	0,313
CHR6	27133574	CHR6:27133574	SSF x Near_LoA	-9,45151007	-0,065	0,289
CHR6	27133594	CHR6:27133594	SSF x Near_LoA	-6,97964432	-0,121	0,306
CHR6	27133603	CHR6:27133603	SSF x Near_LoA	-4,58713199	-0,086	0,295
CHR6	27135604	CHR6:27135604	SSF x Near_LoA	-8,93223317	0,135	0,305
CHR6	27136535	CHR6:27136535	SSF x Near_LoA	-9,7661526	0,059	0,311
CHR6	27136582	CHR6:27136582	SSF x Near_LoA	-10,8547928	-0,043	0,313
CHR6	27141870	CHR6:27141870	SSF x Near_LoA	-8,27570899	-0,114	0,298
CHR6	2714308	CHR6:2714308	SSF x Near_LoA	-10,0071312	0,126	0,302
CHR6	27143294	CHR6:27143294	SSF x Near_LoA	-8,6459711	-0,033	0,304

CHR6	27143296	CHR6:27143296	SSF x Near_LoA	-10,8413744	-0,041	0,309
CHR6	2714371	CHR6:2714371	SSF x Near_LoA	-11,9918347	-0,014	0,310
CHR6	27154157	CHR6:27154157	SSF x Near_LoA	-9,50529194	0,093	0,300
CHR6	27154350	CHR6:27154350	SSF x Near_LoA	5,04509457	0,074	0,302
CHR6	27154405	CHR6:27154405	SSF x Near_LoA	-8,73697567	-0,097	0,310
CHR6	27154415	CHR6:27154415	SSF x Near_LoA	-6,31705211	-0,066	0,307
CHR6	27168254	CHR6:27168254	SSF x Near_LoA	-12,4248624	0,052	0,301
CHR6	27184852	CHR6:27184852	SSF x Near_LoA	-9,78280618	-0,035	0,305
CHR6	27186175	CHR6:27186175	SSF x Near_LoA	-11,343389	-0,094	0,304
CHR6	27186500	CHR6:27186500	SSF x Near_LoA	-5,48205123	-0,103	0,315
CHR6	27186514	CHR6:27186514	SSF x Near_LoA	-8,5130729	0,038	0,290
CHR6	27189921	CHR6:27189921	SSF x Near_LoA	-7,92663595	-0,031	0,323
CHR6	27194239	CHR6:27194239	SSF x Near_LoA	-11,1389486	0,034	0,302
CHR6	27194241	CHR6:27194241	SSF x Near_LoA	-9,54977849	0,046	0,331
CHR6	27194242	CHR6:27194242	SSF x Near_LoA	-9,64657143	0,032	0,314
CHR6	27194248	CHR6:27194248	SSF x Near_LoA	-10,1648848	-0,048	0,312
CHR6	27194308	CHR6:27194308	SSF x Near_LoA	-10,2059827	-0,019	0,319
CHR6	27199344	CHR6:27199344	SSF x Near_LoA	-10,0779701	0,003	0,308
CHR6	27199459	CHR6:27199459	SSF x Near_LoA	-8,20358344	-0,019	0,297
CHR6	27199485	CHR6:27199485	SSF x Near_LoA	-9,2455081	0,166	0,287
CHR6	27202518	CHR6:27202518	SSF x Near_LoA	-8,82995122	-0,027	0,304
CHR6	27202701	CHR6:27202701	SSF x Near_LoA	-9,43807864	-0,032	0,301
CHR6	27204724	CHR6:27204724	SSF x Near_LoA	-9,88125827	0,003	0,314
CHR6	27204730	CHR6:27204730	SSF x Near_LoA	-8,7267346	0,004	0,311
CHR6	27204753	CHR6:27204753	SSF x Near_LoA	-11,211139	-0,015	0,289
CHR6	27213584	CHR6:27213584	SSF x Near_LoA	-9,82063631	0,004	0,309
CHR6	27217059	CHR6:27217059	SSF x Near_LoA	-10,223238	0,103	0,316
CHR6	27217106	CHR6:27217106	SSF x Near_LoA	-10,2013989	0,028	0,312
CHR6	27219113	CHR6:27219113	SSF x Near_LoA	-9,45166696	0,060	0,312
CHR6	27222295	CHR6:27222295	SSF x Near_LoA	-10,1339776	0,137	0,301
CHR6	27230436	CHR6:27230436	SSF x Near_LoA	-9,73392875	0,019	0,320
CHR6	27230479	CHR6:27230479	SSF x Near_LoA	0,64696353	0,109	0,310
CHR6	27230496	CHR6:27230496	SSF x Near_LoA	-9,58577023	0,015	0,298
CHR6	27230540	CHR6:27230540	SSF x Near_LoA	-10,6465696	0,037	0,305
CHR6	27230541	CHR6:27230541	SSF x Near_LoA	-7,58909045	-0,020	0,303
CHR6	27237921	CHR6:27237921	SSF x Near_LoA	-10,1172676	0,098	0,308
CHR6	27237942	CHR6:27237942	SSF x Near_LoA	-10,3480302	-0,075	0,305
CHR6	27241869	CHR6:27241869	SSF x Near_LoA	-11,0871924	0,031	0,317
CHR6	27251385	CHR6:27251385	SSF x Near_LoA	-8,4677156	-0,042	0,311
CHR6	27251432	CHR6:27251432	SSF x Near_LoA	-8,9739628	0,005	0,305
CHR6	27251586	CHR6:27251586	SSF x Near_LoA	-9,51992987	-0,107	0,299
CHR6	27252496	CHR6:27252496	SSF x Near_LoA	-10,0827167	0,020	0,321
CHR6	27256463	CHR6:27256463	SSF x Near_LoA	-8,84983944	0,044	0,300
CHR6	27256528	CHR6:27256528	SSF x Near_LoA	-7,30278704	-0,117	0,317
CHR6	27256708	CHR6:27256708	SSF x Near_LoA	-10,1389184	-0,013	0,317
CHR6	27256717	CHR6:27256717	SSF x Near_LoA	-9,09647877	0,016	0,313
CHR6	27259267	CHR6:27259267	SSF x Near_LoA	-6,52376995	-0,077	0,321
CHR6	27259386	CHR6:27259386	SSF x Near_LoA	-8,54884137	0,104	0,311
CHR6	27259403	CHR6:27259403	SSF x Near_LoA	1,57886652	0,107	0,314
CHR6	27259408	CHR6:27259408	SSF x Near_LoA	-9,83011238	0,012	0,312
CHR6	27259460	CHR6:27259460	SSF x Near_LoA	-8,64700363	-0,010	0,322
CHR6	27264234	CHR6:27264234	SSF x Near_LoA	-3,23313284	-0,196	0,300
CHR6	27269548	CHR6:27269548	SSF x Near_LoA	-8,0354142	-0,097	0,306

CHR6	27269555	CHR6:27269555	SSF x Near_LoA	-7,41002258	-0,068	0,313
CHR6	27269558	CHR6:27269558	SSF x Near_LoA	-10,7032649	-0,034	0,306
CHR6	27284150	CHR6:27284150	SSF x Near_LoA	-11,1152724	-0,100	0,290
CHR6	27287632	CHR6:27287632	SSF x Near_LoA	-8,91124976	0,015	0,304
CHR6	27287644	CHR6:27287644	SSF x Near_LoA	-10,3859776	0,063	0,301
CHR6	27287647	CHR6:27287647	SSF x Near_LoA	-9,8204856	-0,017	0,297
CHR6	27290906	CHR6:27290906	SSF x Near_LoA	-7,47899753	0,122	0,303
CHR6	27291015	CHR6:27291015	SSF x Near_LoA	-8,5906331	-0,030	0,311
CHR6	27293450	CHR6:27293450	SSF x Near_LoA	-5,07367198	0,077	0,314
CHR6	27304287	CHR6:27304287	SSF x Near_LoA	-6,19201811	-0,126	0,298
CHR6	27318584	CHR6:27318584	SSF x Near_LoA	-10,7039355	0,054	0,324
CHR6	27318603	CHR6:27318603	SSF x Near_LoA	-10,8452633	-0,027	0,298
CHR6	27318652	CHR6:27318652	SSF x Near_LoA	-9,86812535	-0,024	0,309
CHR6	27318658	CHR6:27318658	SSF x Near_LoA	-8,81562594	0,003	0,305
CHR6	27318670	CHR6:27318670	SSF x Near_LoA	-7,87022867	0,023	0,304
CHR6	27326257	CHR6:27326257	SSF x Near_LoA	-8,72819123	0,029	0,306
CHR6	27346571	CHR6:27346571	SSF x Near_LoA	-7,84715556	-0,113	0,309
CHR6	27346697	CHR6:27346697	SSF x Near_LoA	-10,868292	-0,003	0,318
CHR6	27346734	CHR6:27346734	SSF x Near_LoA	-7,39330875	0,055	0,311
CHR6	27346736	CHR6:27346736	SSF x Near_LoA	-9,27516718	0,192	0,287
CHR6	27347679	CHR6:27347679	SSF x Near_LoA	-10,9013226	-0,058	0,315
CHR6	27347680	CHR6:27347680	SSF x Near_LoA	-7,55812218	-0,182	0,298
CHR6	27347739	CHR6:27347739	SSF x Near_LoA	-8,07662628	-0,014	0,305
CHR6	27347741	CHR6:27347741	SSF x Near_LoA	-6,43556237	-0,095	0,303
CHR6	27350497	CHR6:27350497	SSF x Near_LoA	-4,96958139	0,174	0,291
CHR6	27350501	CHR6:27350501	SSF x Near_LoA	-8,606034	-0,107	0,294
CHR6	27350544	CHR6:27350544	SSF x Near_LoA	-10,6312341	0,007	0,292
CHR6	27350548	CHR6:27350548	SSF x Near_LoA	-10,5905506	-0,092	0,309
CHR6	27352234	CHR6:27352234	SSF x Near_LoA	-12,1155126	0,036	0,318
CHR6	27354545	CHR6:27354545	SSF x Near_LoA	-8,65463324	-0,031	0,318
CHR6	27354614	CHR6:27354614	SSF x Near_LoA	-9,61609875	0,092	0,292
CHR6	27354665	CHR6:27354665	SSF x Near_LoA	-10,4333485	0,063	0,300
CHR6	27372549	CHR6:27372549	SSF x Near_LoA	-10,5388815	-0,019	0,296
CHR6	27374300	CHR6:27374300	SSF x Near_LoA	-9,58618545	-0,009	0,312
CHR6	27374316	CHR6:27374316	SSF x Near_LoA	-8,55931943	-0,001	0,309
CHR6	27374323	CHR6:27374323	SSF x Near_LoA	-8,82523349	-0,020	0,297
CHR6	2737793	CHR6:2737793	SSF x Near_LoA	-9,22531225	-0,006	0,308
CHR6	27378240	CHR6:27378240	SSF x Near_LoA	-9,11089175	0,013	0,322
CHR6	27378391	CHR6:27378391	SSF x Near_LoA	-8,39397677	0,045	0,300
CHR6	27378422	CHR6:27378422	SSF x Near_LoA	-11,4172525	0,052	0,302
CHR6	27378452	CHR6:27378452	SSF x Near_LoA	-9,41371817	-0,044	0,316
CHR6	27378472	CHR6:27378472	SSF x Near_LoA	-9,4599114	-0,049	0,322
CHR6	2737908	CHR6:2737908	SSF x Near_LoA	-9,23116617	-0,055	0,288
CHR6	27383321	CHR6:27383321	SSF x Near_LoA	-10,5287805	0,021	0,303
CHR6	27383332	CHR6:27383332	SSF x Near_LoA	-10,9108626	-0,140	0,311
CHR6	27383476	CHR6:27383476	SSF x Near_LoA	-10,5821068	0,064	0,312
CHR6	27383477	CHR6:27383477	SSF x Near_LoA	-8,61208602	-0,050	0,314
CHR6	27388131	CHR6:27388131	SSF x Near_LoA	-9,96643518	-0,057	0,300
CHR6	27388239	CHR6:27388239	SSF x Near_LoA	-6,47844992	0,070	0,315
CHR6	27388352	CHR6:27388352	SSF x Near_LoA	-11,6235799	-0,015	0,305
CHR6	27388359	CHR6:27388359	SSF x Near_LoA	-10,6942039	0,037	0,307
CHR6	27396899	CHR6:27396899	SSF x Near_LoA	-7,50424335	0,134	0,311
CHR6	27399896	CHR6:27399896	SSF x Near_LoA	-10,9568237	-0,081	0,317

CHR6	27399984	CHR6:27399984	SSF x Near_LoA	-10,0328965	0,022	0,324
CHR6	27414542	CHR6:27414542	SSF x Near_LoA	-7,88365919	0,119	0,294
CHR6	27431699	CHR6:27431699	SSF x Near_LoA	-11,117466	-0,117	0,310
CHR6	27431738	CHR6:27431738	SSF x Near_LoA	-9,31995044	-0,114	0,321
CHR6	27431785	CHR6:27431785	SSF x Near_LoA	-8,93148921	0,021	0,291
CHR6	27431875	CHR6:27431875	SSF x Near_LoA	-9,8908989	-0,074	0,312
CHR6	27440366	CHR6:27440366	SSF x Near_LoA	-10,6484077	0,020	0,304
CHR6	27440402	CHR6:27440402	SSF x Near_LoA	-8,06597916	0,131	0,308
CHR6	27444834	CHR6:27444834	SSF x Near_LoA	-11,2562314	0,043	0,314
CHR6	27444836	CHR6:27444836	SSF x Near_LoA	-5,20790078	-0,121	0,306
CHR6	27451189	CHR6:27451189	SSF x Near_LoA	-3,99509441	0,016	0,325
CHR6	27451237	CHR6:27451237	SSF x Near_LoA	-9,68059938	0,024	0,303
CHR6	27455444	CHR6:27455444	SSF x Near_LoA	-12,0374977	-0,049	0,303
CHR6	27455447	CHR6:27455447	SSF x Near_LoA	-11,1574724	0,018	0,309
CHR6	27455462	CHR6:27455462	SSF x Near_LoA	-11,272186	-0,013	0,318
CHR6	27465346	CHR6:27465346	SSF x Near_LoA	-8,23035076	0,171	0,309
CHR6	27465356	CHR6:27465356	SSF x Near_LoA	-10,092356	-0,068	0,312
CHR6	27465430	CHR6:27465430	SSF x Near_LoA	-9,32668789	-0,154	0,301
CHR6	27465458	CHR6:27465458	SSF x Near_LoA	-10,0538058	0,048	0,303
CHR6	27468569	CHR6:27468569	SSF x Near_LoA	-8,5179427	-0,038	0,320
CHR6	27468593	CHR6:27468593	SSF x Near_LoA	-7,1497279	-0,121	0,306
CHR6	27468715	CHR6:27468715	SSF x Near_LoA	-10,997572	-0,042	0,305
CHR6	27468756	CHR6:27468756	SSF x Near_LoA	-9,90930093	-0,126	0,301
CHR6	27473235	CHR6:27473235	SSF x Near_LoA	-9,46146816	-0,040	0,311
CHR6	27485168	CHR6:27485168	SSF x Near_LoA	-4,15477044	0,135	0,283
CHR6	27485180	CHR6:27485180	SSF x Near_LoA	-5,92613859	-0,031	0,316
CHR6	27485228	CHR6:27485228	SSF x Near_LoA	-9,75340926	0,055	0,307
CHR6	27485262	CHR6:27485262	SSF x Near_LoA	-8,60421133	0,050	0,294
CHR6	27492217	CHR6:27492217	SSF x Near_LoA	-9,70718812	0,033	0,305
CHR6	27492352	CHR6:27492352	SSF x Near_LoA	-11,3221778	-0,105	0,300
CHR6	27494598	CHR6:27494598	SSF x Near_LoA	-12,1200337	0,042	0,292
CHR6	27506348	CHR6:27506348	SSF x Near_LoA	-11,389318	-0,049	0,306
CHR6	27507421	CHR6:27507421	SSF x Near_LoA	-8,80938499	0,072	0,309
CHR6	27507428	CHR6:27507428	SSF x Near_LoA	-7,35621276	0,111	0,314
CHR6	2750883	CHR6:2750883	SSF x Near_LoA	-7,73447465	0,010	0,306
CHR6	2750899	CHR6:2750899	SSF x Near_LoA	-8,41235431	0,016	0,309
CHR6	27511928	CHR6:27511928	SSF x Near_LoA	-8,24337545	0,078	0,318
CHR6	27512226	CHR6:27512226	SSF x Near_LoA	-11,4727161	-0,015	0,294
CHR6	27516662	CHR6:27516662	SSF x Near_LoA	-7,55003309	-0,125	0,292
CHR6	27516782	CHR6:27516782	SSF x Near_LoA	-10,1399629	-0,025	0,286
CHR6	27516808	CHR6:27516808	SSF x Near_LoA	-10,0165461	0,070	0,301
CHR6	27516844	CHR6:27516844	SSF x Near_LoA	-10,7045502	-0,014	0,315
CHR6	27539228	CHR6:27539228	SSF x Near_LoA	-8,41657515	-0,030	0,307
CHR6	27539266	CHR6:27539266	SSF x Near_LoA	-9,62700468	-0,018	0,300
CHR6	27539387	CHR6:27539387	SSF x Near_LoA	-7,49797008	0,118	0,313
CHR6	27539410	CHR6:27539410	SSF x Near_LoA	-6,71715142	0,091	0,308
CHR6	27546956	CHR6:27546956	SSF x Near_LoA	-8,81267985	-0,061	0,304
CHR6	27547014	CHR6:27547014	SSF x Near_LoA	-10,5210341	-0,067	0,314
CHR6	27549903	CHR6:27549903	SSF x Near_LoA	-8,07246469	-0,093	0,313
CHR6	27549977	CHR6:27549977	SSF x Near_LoA	-7,9048741	-0,052	0,292
CHR6	27549981	CHR6:27549981	SSF x Near_LoA	-7,87781645	-0,053	0,305
CHR6	27549989	CHR6:27549989	SSF x Near_LoA	-10,8056619	-0,045	0,291
CHR6	27553256	CHR6:27553256	SSF x Near_LoA	-9,84949493	0,152	0,302

CHR6	27553327	CHR6:27553327	SSF x Near_LoA	-9,52450715	-0,006	0,317
CHR6	27553443	CHR6:27553443	SSF x Near_LoA	-9,06718445	0,072	0,310
CHR6	27560741	CHR6:27560741	SSF x Near_LoA	-10,262579	0,043	0,299
CHR6	27560908	CHR6:27560908	SSF x Near_LoA	-8,13624906	-0,100	0,315
CHR6	27566065	CHR6:27566065	SSF x Near_LoA	-9,99660343	-0,040	0,312
CHR6	27566395	CHR6:27566395	SSF x Near_LoA	1,11850758	-0,189	0,297
CHR6	27570196	CHR6:27570196	SSF x Near_LoA	-10,9751981	-0,092	0,310
CHR6	27570238	CHR6:27570238	SSF x Near_LoA	-7,07664449	0,201	0,284
CHR6	27583525	CHR6:27583525	SSF x Near_LoA	-9,93581509	0,023	0,317
CHR6	27584166	CHR6:27584166	SSF x Near_LoA	-7,91908201	-0,067	0,313
CHR6	27603332	CHR6:27603332	SSF x Near_LoA	-6,03727615	-0,137	0,309
CHR6	27618721	CHR6:27618721	SSF x Near_LoA	-9,84777033	0,045	0,287
CHR6	2762929	CHR6:2762929	SSF x Near_LoA	-9,64974687	-0,092	0,301
CHR6	2762933	CHR6:2762933	SSF x Near_LoA	4,04743308	-0,129	0,288
CHR6	27657617	CHR6:27657617	SSF x Near_LoA	-10,0908611	0,106	0,306
CHR6	27657618	CHR6:27657618	SSF x Near_LoA	-11,0384592	0,083	0,307
CHR6	27657697	CHR6:27657697	SSF x Near_LoA	-7,74495435	-0,038	0,312
CHR6	27657711	CHR6:27657711	SSF x Near_LoA	-8,14754776	-0,024	0,314
CHR6	27660948	CHR6:27660948	SSF x Near_LoA	-9,30287269	-0,036	0,302
CHR6	2766112	CHR6:2766112	SSF x Near_LoA	-11,4481753	-0,068	0,315
CHR6	2766151	CHR6:2766151	SSF x Near_LoA	-2,19034145	0,017	0,325
CHR6	2766289	CHR6:2766289	SSF x Near_LoA	-10,9099351	0,038	0,314
CHR6	27667191	CHR6:27667191	SSF x Near_LoA	-11,7592666	0,040	0,303
CHR6	27675530	CHR6:27675530	SSF x Near_LoA	-7,87059963	-0,069	0,300
CHR6	27675558	CHR6:27675558	SSF x Near_LoA	-9,63701625	0,107	0,305
CHR6	27680378	CHR6:27680378	SSF x Near_LoA	-9,66988872	0,050	0,306
CHR6	27680403	CHR6:27680403	SSF x Near_LoA	-9,08412104	-0,053	0,298
CHR6	27680437	CHR6:27680437	SSF x Near_LoA	-7,91611664	-0,123	0,278
CHR6	27680439	CHR6:27680439	SSF x Near_LoA	-3,30383878	-0,125	0,295
CHR6	27681796	CHR6:27681796	SSF x Near_LoA	-8,63118895	-0,086	0,300
CHR6	27681840	CHR6:27681840	SSF x Near_LoA	-10,909133	-0,088	0,303
CHR6	27681861	CHR6:27681861	SSF x Near_LoA	-10,1381499	-0,023	0,295
CHR6	27685436	CHR6:27685436	SSF x Near_LoA	-6,91361416	0,047	0,302
CHR6	27685453	CHR6:27685453	SSF x Near_LoA	-5,48921247	0,246	0,288
CHR6	27685471	CHR6:27685471	SSF x Near_LoA	-8,93962212	0,075	0,321
CHR6	27685512	CHR6:27685512	SSF x Near_LoA	-11,460732	0,037	0,305
CHR6	27685536	CHR6:27685536	SSF x Near_LoA	-8,27995101	-0,054	0,317
CHR6	27685677	CHR6:27685677	SSF x Near_LoA	-7,58757319	0,197	0,297
CHR6	27706088	CHR6:27706088	SSF x Near_LoA	-10,0638125	-0,055	0,295
CHR6	27706179	CHR6:27706179	SSF x Near_LoA	-10,4268884	-0,033	0,296
CHR6	27706421	CHR6:27706421	SSF x Near_LoA	-9,99581173	0,024	0,308
CHR6	27710369	CHR6:27710369	SSF x Near_LoA	-8,47499711	-0,049	0,305
CHR6	27710401	CHR6:27710401	SSF x Near_LoA	-9,26934382	-0,077	0,309
CHR6	27710411	CHR6:27710411	SSF x Near_LoA	-8,97976811	-0,076	0,319
CHR6	27723493	CHR6:27723493	SSF x Near_LoA	-5,99563808	-0,025	0,310
CHR6	27723544	CHR6:27723544	SSF x Near_LoA	-6,30383363	-0,014	0,309
CHR6	27723606	CHR6:27723606	SSF x Near_LoA	-10,5070205	-0,041	0,301
CHR6	27723664	CHR6:27723664	SSF x Near_LoA	-9,76604476	0,047	0,301
CHR6	27723705	CHR6:27723705	SSF x Near_LoA	-8,1183254	-0,084	0,313
CHR6	27723706	CHR6:27723706	SSF x Near_LoA	-8,04011629	-0,006	0,323
CHR6	27726442	CHR6:27726442	SSF x Near_LoA	-10,4466132	-0,030	0,307
CHR6	27735067	CHR6:27735067	SSF x Near_LoA	-10,0569462	-0,040	0,290
CHR6	2775263	CHR6:2775263	SSF x Near_LoA	-8,66076245	-0,056	0,313

CHR6	27752689	CHR6:27752689	SSF x Near_LoA	-10,9175709	0,015	0,307
CHR6	2775285	CHR6:2775285	SSF x Near_LoA	-11,6613416	0,036	0,303
CHR6	27754630	CHR6:27754630	SSF x Near_LoA	-9,95168085	-0,030	0,290
CHR6	27765040	CHR6:27765040	SSF x Near_LoA	-6,62669	0,071	0,296
CHR6	27765099	CHR6:27765099	SSF x Near_LoA	-11,2197975	0,063	0,294
CHR6	27771846	CHR6:27771846	SSF x Near_LoA	-8,33748867	0,076	0,297
CHR6	27771887	CHR6:27771887	SSF x Near_LoA	-10,8265525	-0,069	0,307
CHR6	27771906	CHR6:27771906	SSF x Near_LoA	-8,41441284	0,031	0,292
CHR6	27771946	CHR6:27771946	SSF x Near_LoA	-8,93606593	-0,020	0,309
CHR6	27771947	CHR6:27771947	SSF x Near_LoA	-9,63886207	-0,015	0,316
CHR6	27772791	CHR6:27772791	SSF x Near_LoA	-8,91337907	0,102	0,298
CHR6	27772841	CHR6:27772841	SSF x Near_LoA	-10,7933092	-0,063	0,311
CHR6	27772858	CHR6:27772858	SSF x Near_LoA	-9,56186644	0,149	0,289
CHR6	27773723	CHR6:27773723	SSF x Near_LoA	-10,9205062	-0,039	0,319
CHR6	27773984	CHR6:27773984	SSF x Near_LoA	-10,7427431	-0,059	0,327
CHR6	27774029	CHR6:27774029	SSF x Near_LoA	-8,85670049	-0,056	0,303
CHR6	2778271	CHR6:2778271	SSF x Near_LoA	-10,2972789	-0,046	0,307
CHR6	2778317	CHR6:2778317	SSF x Near_LoA	-5,55618924	0,079	0,303
CHR6	2778352	CHR6:2778352	SSF x Near_LoA	-10,7340665	0,058	0,311
CHR6	2778372	CHR6:2778372	SSF x Near_LoA	1,87350552	-0,006	0,294
CHR6	27793096	CHR6:27793096	SSF x Near_LoA	-10,0348142	-0,034	0,316
CHR6	27793115	CHR6:27793115	SSF x Near_LoA	-7,08172417	0,072	0,310
CHR6	27793144	CHR6:27793144	SSF x Near_LoA	-6,37029664	-0,149	0,315
CHR6	27802647	CHR6:27802647	SSF x Near_LoA	-3,55544749	0,225	0,292
CHR6	27802664	CHR6:27802664	SSF x Near_LoA	-10,3950684	-0,015	0,317
CHR6	27803042	CHR6:27803042	SSF x Near_LoA	-8,72746087	0,033	0,316
CHR6	27803047	CHR6:27803047	SSF x Near_LoA	-4,84393638	0,157	0,304
CHR6	2780764	CHR6:2780764	SSF x Near_LoA	-8,5460787	-0,056	0,313
CHR6	2780799	CHR6:2780799	SSF x Near_LoA	-10,6850198	0,021	0,312
CHR6	2780844	CHR6:2780844	SSF x Near_LoA	-9,9669096	-0,130	0,298
CHR6	2780870	CHR6:2780870	SSF x Near_LoA	-4,43728366	0,159	0,300
CHR6	27810748	CHR6:27810748	SSF x Near_LoA	-4,97974745	-0,106	0,305
CHR6	27810793	CHR6:27810793	SSF x Near_LoA	-8,89080577	0,086	0,302
CHR6	27810818	CHR6:27810818	SSF x Near_LoA	-11,7880752	-0,089	0,308
CHR6	27814192	CHR6:27814192	SSF x Near_LoA	-8,76367333	0,003	0,307
CHR6	27814316	CHR6:27814316	SSF x Near_LoA	-10,3581916	-0,100	0,307
CHR6	27814340	CHR6:27814340	SSF x Near_LoA	-8,35681866	0,094	0,316
CHR6	27814380	CHR6:27814380	SSF x Near_LoA	-9,12191188	-0,027	0,326
CHR6	27816988	CHR6:27816988	SSF x Near_LoA	-10,4381366	-0,016	0,322
CHR6	27816991	CHR6:27816991	SSF x Near_LoA	-9,59306744	-0,005	0,323
CHR6	27826788	CHR6:27826788	SSF x Near_LoA	-8,05620833	0,054	0,310
CHR6	27826845	CHR6:27826845	SSF x Near_LoA	-6,37941639	-0,208	0,309
CHR6	27829558	CHR6:27829558	SSF x Near_LoA	-8,90097523	0,098	0,301
CHR6	27829670	CHR6:27829670	SSF x Near_LoA	-9,41529389	0,013	0,305
CHR6	27829714	CHR6:27829714	SSF x Near_LoA	-11,5604584	-0,082	0,304
CHR6	27829719	CHR6:27829719	SSF x Near_LoA	-8,90566533	0,043	0,311
CHR6	27831697	CHR6:27831697	SSF x Near_LoA	-9,45556429	0,040	0,317
CHR6	27831715	CHR6:27831715	SSF x Near_LoA	-11,0545845	-0,042	0,309
CHR6	27831733	CHR6:27831733	SSF x Near_LoA	-8,88403443	-0,040	0,306
CHR6	27841893	CHR6:27841893	SSF x Near_LoA	-11,2697383	0,022	0,312
CHR6	27841967	CHR6:27841967	SSF x Near_LoA	-7,64490151	-0,002	0,309
CHR6	27844001	CHR6:27844001	SSF x Near_LoA	-5,5906783	0,117	0,303
CHR6	27844036	CHR6:27844036	SSF x Near_LoA	-10,7003742	-0,032	0,321

CHR6	27844106	CHR6:27844106	SSF x Near_LoA	-8,36274439	-0,079	0,316
CHR6	27844215	CHR6:27844215	SSF x Near_LoA	-9,09657084	0,106	0,305
CHR6	27846500	CHR6:27846500	SSF x Near_LoA	-8,5022532	0,006	0,318
CHR6	27846508	CHR6:27846508	SSF x Near_LoA	-9,92266092	0,103	0,313
CHR6	27852184	CHR6:27852184	SSF x Near_LoA	-10,7325362	0,083	0,316
CHR6	27852226	CHR6:27852226	SSF x Near_LoA	-7,40949118	0,020	0,305
CHR6	27852306	CHR6:27852306	SSF x Near_LoA	-10,5262879	-0,080	0,306
CHR6	2785765	CHR6:2785765	SSF x Near_LoA	-7,84464918	-0,119	0,318
CHR6	2785953	CHR6:2785953	SSF x Near_LoA	-8,32457359	-0,021	0,305
CHR6	27867998	CHR6:27867998	SSF x Near_LoA	-9,01093381	-0,044	0,308
CHR6	27868009	CHR6:27868009	SSF x Near_LoA	-9,11454044	0,037	0,311
CHR6	27868112	CHR6:27868112	SSF x Near_LoA	-8,49123389	-0,152	0,309
CHR6	27872830	CHR6:27872830	SSF x Near_LoA	-9,87170461	-0,043	0,292
CHR6	27872875	CHR6:27872875	SSF x Near_LoA	-9,45294433	0,064	0,318
CHR6	2788205	CHR6:2788205	SSF x Near_LoA	-6,9321574	-0,112	0,299
CHR6	2788276	CHR6:2788276	SSF x Near_LoA	-9,95988516	0,100	0,299
CHR6	2788450	CHR6:2788450	SSF x Near_LoA	-7,48612261	0,002	0,314
CHR6	27895643	CHR6:27895643	SSF x Near_LoA	-10,4388479	0,002	0,322
CHR6	27895699	CHR6:27895699	SSF x Near_LoA	-11,5166658	-0,078	0,296
CHR6	27895750	CHR6:27895750	SSF x Near_LoA	-6,8236795	0,034	0,321
CHR6	27895825	CHR6:27895825	SSF x Near_LoA	-9,46073558	-0,014	0,320
CHR6	27895901	CHR6:27895901	SSF x Near_LoA	-10,6568394	0,040	0,311
CHR6	27899945	CHR6:27899945	SSF x Near_LoA	-11,3346155	0,049	0,309
CHR6	27899954	CHR6:27899954	SSF x Near_LoA	-10,2992147	0,016	0,299
CHR6	27900016	CHR6:27900016	SSF x Near_LoA	-11,4564539	-0,004	0,307
CHR6	27900119	CHR6:27900119	SSF x Near_LoA	0,6562448	0,062	0,299
CHR6	27913807	CHR6:27913807	SSF x Near_LoA	-7,41259133	-0,052	0,311
CHR6	27915241	CHR6:27915241	SSF x Near_LoA	-6,76850839	0,138	0,312
CHR6	27916197	CHR6:27916197	SSF x Near_LoA	-6,22963029	-0,123	0,301
CHR6	27922051	CHR6:27922051	SSF x Near_LoA	-10,7036794	0,026	0,318
CHR6	27922179	CHR6:27922179	SSF x Near_LoA	-10,3445318	-0,004	0,323
CHR6	27922194	CHR6:27922194	SSF x Near_LoA	-8,49801466	-0,108	0,303
CHR6	27930272	CHR6:27930272	SSF x Near_LoA	-12,2313507	-0,005	0,297
CHR6	27938956	CHR6:27938956	SSF x Near_LoA	-4,16384916	0,097	0,294
CHR6	27945904	CHR6:27945904	SSF x Near_LoA	-11,601388	0,101	0,307
CHR6	27951844	CHR6:27951844	SSF x Near_LoA	-8,14164628	0,120	0,311
CHR6	27951860	CHR6:27951860	SSF x Near_LoA	-8,82770811	-0,053	0,294
CHR6	27951886	CHR6:27951886	SSF x Near_LoA	-7,92296979	-0,050	0,305
CHR6	27965511	CHR6:27965511	SSF x Near_LoA	-10,7573618	-0,045	0,276
CHR6	27975858	CHR6:27975858	SSF x Near_LoA	-3,64195252	-0,099	0,319
CHR6	27980874	CHR6:27980874	SSF x Near_LoA	-9,52795143	-0,078	0,304
CHR6	27980876	CHR6:27980876	SSF x Near_LoA	-11,0255017	0,015	0,305
CHR6	27990082	CHR6:27990082	SSF x Near_LoA	-11,0998313	0,057	0,306
CHR6	27990108	CHR6:27990108	SSF x Near_LoA	-1,68073678	0,080	0,316
CHR6	28003053	CHR6:28003053	SSF x Near_LoA	-10,2013851	-0,008	0,291
CHR6	28009382	CHR6:28009382	SSF x Near_LoA	-10,9942962	0,009	0,307
CHR6	28009383	CHR6:28009383	SSF x Near_LoA	-10,0207522	-0,012	0,289
CHR6	28011908	CHR6:28011908	SSF x Near_LoA	-11,6722618	0,055	0,298
CHR6	28012025	CHR6:28012025	SSF x Near_LoA	-7,73811904	-0,071	0,308
CHR6	28012090	CHR6:28012090	SSF x Near_LoA	-8,1641382	-0,042	0,298
CHR6	28019561	CHR6:28019561	SSF x Near_LoA	-9,66443275	0,135	0,294
CHR6	28035431	CHR6:28035431	SSF x Near_LoA	-8,95506933	-0,080	0,302
CHR6	28035514	CHR6:28035514	SSF x Near_LoA	-10,8341682	-0,019	0,319

CHR6	28035565	CHR6:28035565	SSF x Near_LoA	-10,6655903	0,063	0,316
CHR6	28040815	CHR6:28040815	SSF x Near_LoA	-9,39336924	0,012	0,306
CHR6	28041535	CHR6:28041535	SSF x Near_LoA	-9,41087472	-0,044	0,313
CHR6	28050440	CHR6:28050440	SSF x Near_LoA	-9,24922683	-0,074	0,306
CHR6	28050459	CHR6:28050459	SSF x Near_LoA	-9,01620244	-0,119	0,318
CHR6	28050555	CHR6:28050555	SSF x Near_LoA	-7,07132967	0,014	0,312
CHR6	28053663	CHR6:28053663	SSF x Near_LoA	-9,37629618	0,045	0,305
CHR6	28053697	CHR6:28053697	SSF x Near_LoA	-7,25694182	0,035	0,307
CHR6	28061502	CHR6:28061502	SSF x Near_LoA	-9,39323344	0,013	0,300
CHR6	28061505	CHR6:28061505	SSF x Near_LoA	-9,41347323	0,019	0,306
CHR6	28066616	CHR6:28066616	SSF x Near_LoA	-8,92523249	0,014	0,288
CHR6	28066754	CHR6:28066754	SSF x Near_LoA	-10,6795585	-0,081	0,307
CHR6	28066907	CHR6:28066907	SSF x Near_LoA	-10,3889199	0,057	0,296
CHR6	28077715	CHR6:28077715	SSF x Near_LoA	-8,64459257	-0,043	0,318
CHR6	28077750	CHR6:28077750	SSF x Near_LoA	-10,1200601	-0,007	0,314
CHR6	28077842	CHR6:28077842	SSF x Near_LoA	-4,74077029	0,237	0,280
CHR6	28077843	CHR6:28077843	SSF x Near_LoA	-8,75649114	-0,129	0,309
CHR6	28077848	CHR6:28077848	SSF x Near_LoA	-5,9590153	-0,161	0,309
CHR6	28083188	CHR6:28083188	SSF x Near_LoA	-7,29954164	0,110	0,303
CHR6	28083198	CHR6:28083198	SSF x Near_LoA	-8,91535761	-0,142	0,309
CHR6	28083201	CHR6:28083201	SSF x Near_LoA	-7,74985336	-0,123	0,286
CHR6	28083254	CHR6:28083254	SSF x Near_LoA	-8,78379199	0,090	0,293
CHR6	28089940	CHR6:28089940	SSF x Near_LoA	-10,3730324	0,088	0,312
CHR6	28089952	CHR6:28089952	SSF x Near_LoA	-10,8686585	0,042	0,316
CHR6	28090073	CHR6:28090073	SSF x Near_LoA	-8,78073435	0,119	0,302
CHR6	28090087	CHR6:28090087	SSF x Near_LoA	-11,4048684	0,067	0,305
CHR6	28096606	CHR6:28096606	SSF x Near_LoA	-9,20862057	0,136	0,306
CHR6	28102536	CHR6:28102536	SSF x Near_LoA	-8,99839242	-0,097	0,286
CHR6	28102759	CHR6:28102759	SSF x Near_LoA	-8,75245786	-0,006	0,299
CHR6	28105542	CHR6:28105542	SSF x Near_LoA	-10,1112112	-0,002	0,299
CHR6	2811208	CHR6:2811208	SSF x Near_LoA	-9,12976876	0,072	0,315
CHR6	2811236	CHR6:2811236	SSF x Near_LoA	-8,61057142	0,047	0,302
CHR6	2811249	CHR6:2811249	SSF x Near_LoA	-9,08205868	0,034	0,307
CHR6	2811299	CHR6:2811299	SSF x Near_LoA	-8,91738126	-0,027	0,313
CHR6	2811366	CHR6:2811366	SSF x Near_LoA	-4,29364143	0,227	0,289
CHR6	2811495	CHR6:2811495	SSF x Near_LoA	-9,50310748	-0,073	0,306
CHR6	28117092	CHR6:28117092	SSF x Near_LoA	-7,71534604	0,173	0,293
CHR6	28131531	CHR6:28131531	SSF x Near_LoA	-8,56917451	0,147	0,297
CHR6	28131688	CHR6:28131688	SSF x Near_LoA	-8,16950413	-0,118	0,298
CHR6	28131698	CHR6:28131698	SSF x Near_LoA	-10,0656932	-0,095	0,313
CHR6	28131715	CHR6:28131715	SSF x Near_LoA	-9,39325902	-0,024	0,302
CHR6	28139654	CHR6:28139654	SSF x Near_LoA	-9,33757404	0,038	0,318
CHR6	28150287	CHR6:28150287	SSF x Near_LoA	-9,81526999	-0,020	0,299
CHR6	28150407	CHR6:28150407	SSF x Near_LoA	-8,63853224	-0,003	0,296
CHR6	28150419	CHR6:28150419	SSF x Near_LoA	-6,83563268	-0,076	0,315
CHR6	28150509	CHR6:28150509	SSF x Near_LoA	-8,10920354	-0,093	0,321
CHR6	28150550	CHR6:28150550	SSF x Near_LoA	-5,69146856	0,020	0,301
CHR6	28150556	CHR6:28150556	SSF x Near_LoA	-9,14809928	0,126	0,311
CHR6	28157381	CHR6:28157381	SSF x Near_LoA	-8,45753783	-0,005	0,300
CHR6	28157475	CHR6:28157475	SSF x Near_LoA	-8,42225838	0,066	0,302
CHR6	28162116	CHR6:28162116	SSF x Near_LoA	-8,75962007	-0,066	0,314
CHR6	28162279	CHR6:28162279	SSF x Near_LoA	-5,66442558	-0,059	0,316
CHR6	28163064	CHR6:28163064	SSF x Near_LoA	-3,34857837	-0,086	0,314

CHR6	28165828	CHR6:28165828	SSF x Near_LoA	-9,60541226	-0,040	0,299
CHR6	28165852	CHR6:28165852	SSF x Near_LoA	-7,9849838	0,008	0,318
CHR6	28165869	CHR6:28165869	SSF x Near_LoA	-11,3501243	-0,018	0,288
CHR6	28165884	CHR6:28165884	SSF x Near_LoA	-8,87319114	0,049	0,322
CHR6	28165911	CHR6:28165911	SSF x Near_LoA	-9,11095897	-0,029	0,320
CHR6	28165913	CHR6:28165913	SSF x Near_LoA	-8,63863824	-0,007	0,307
CHR6	28165985	CHR6:28165985	SSF x Near_LoA	-9,53981375	0,135	0,305
CHR6	28166052	CHR6:28166052	SSF x Near_LoA	-10,0401033	-0,070	0,305
CHR6	28185619	CHR6:28185619	SSF x Near_LoA	-6,2557939	0,068	0,300
CHR6	28189537	CHR6:28189537	SSF x Near_LoA	-7,40861877	-0,028	0,300
CHR6	28189595	CHR6:28189595	SSF x Near_LoA	-8,79222549	-0,022	0,303
CHR6	28189639	CHR6:28189639	SSF x Near_LoA	-7,77933342	-0,072	0,310
CHR6	28197312	CHR6:28197312	SSF x Near_LoA	-7,67129038	0,161	0,304
CHR6	28202080	CHR6:28202080	SSF x Near_LoA	-9,46475175	0,063	0,304
CHR6	28202129	CHR6:28202129	SSF x Near_LoA	-9,40161881	0,018	0,314
CHR6	28219995	CHR6:28219995	SSF x Near_LoA	-8,30071148	-0,055	0,300
CHR6	28220033	CHR6:28220033	SSF x Near_LoA	-9,59520699	-0,032	0,301
CHR6	28220133	CHR6:28220133	SSF x Near_LoA	-9,66099277	-0,125	0,312
CHR6	2822276	CHR6:2822276	SSF x Near_LoA	-9,47561563	0,001	0,317
CHR6	28222768	CHR6:28222768	SSF x Near_LoA	-7,70627563	-0,116	0,304
CHR6	2822302	CHR6:2822302	SSF x Near_LoA	-8,53398829	-0,028	0,306
CHR6	2822330	CHR6:2822330	SSF x Near_LoA	-9,88066759	0,025	0,306
CHR6	2822344	CHR6:2822344	SSF x Near_LoA	-7,01305049	0,056	0,300
CHR6	28229309	CHR6:28229309	SSF x Near_LoA	-7,94390372	-0,073	0,329
CHR6	28229348	CHR6:28229348	SSF x Near_LoA	-10,4027723	-0,005	0,311
CHR6	28229437	CHR6:28229437	SSF x Near_LoA	-9,8894839	0,036	0,303
CHR6	28229447	CHR6:28229447	SSF x Near_LoA	-4,3232258	-0,009	0,304
CHR6	28229467	CHR6:28229467	SSF x Near_LoA	-9,53893928	-0,017	0,289
CHR6	28229526	CHR6:28229526	SSF x Near_LoA	-8,14267099	0,022	0,301
CHR6	28229574	CHR6:28229574	SSF x Near_LoA	-8,42652658	0,007	0,292
CHR6	2823931	CHR6:2823931	SSF x Near_LoA	-8,65977867	-0,074	0,309
CHR6	28244983	CHR6:28244983	SSF x Near_LoA	-10,00385	0,029	0,309
CHR6	28245242	CHR6:28245242	SSF x Near_LoA	-9,16585086	0,003	0,309
CHR6	28249891	CHR6:28249891	SSF x Near_LoA	-8,93090777	-0,119	0,307
CHR6	28249920	CHR6:28249920	SSF x Near_LoA	-9,3480554	-0,035	0,303
CHR6	28259732	CHR6:28259732	SSF x Near_LoA	-7,86636337	0,100	0,306
CHR6	28259774	CHR6:28259774	SSF x Near_LoA	-8,0784639	-0,006	0,316
CHR6	28259782	CHR6:28259782	SSF x Near_LoA	-10,8050989	0,032	0,303
CHR6	2827140	CHR6:2827140	SSF x Near_LoA	-6,41757833	-0,171	0,290
CHR6	28282813	CHR6:28282813	SSF x Near_LoA	-8,92340246	0,102	0,292
CHR6	28282866	CHR6:28282866	SSF x Near_LoA	-10,5002478	0,026	0,295
CHR6	28284173	CHR6:28284173	SSF x Near_LoA	-10,7112386	0,057	0,311
CHR6	28284206	CHR6:28284206	SSF x Near_LoA	-7,06136976	-0,093	0,313
CHR6	282845	CHR6:282845	SSF x Near_LoA	-11,3854049	-0,039	0,310
CHR6	282974	CHR6:282974	SSF x Near_LoA	-11,3691203	0,009	0,326
CHR6	28301907	CHR6:28301907	SSF x Near_LoA	-9,62542432	-0,065	0,308
CHR6	28302018	CHR6:28302018	SSF x Near_LoA	-9,0726212	-0,052	0,326
CHR6	28358894	CHR6:28358894	SSF x Near_LoA	-8,49513477	-0,055	0,298
CHR6	28367172	CHR6:28367172	SSF x Near_LoA	-9,11239067	0,023	0,300
CHR6	28367246	CHR6:28367246	SSF x Near_LoA	-8,65423154	-0,006	0,300
CHR6	28367407	CHR6:28367407	SSF x Near_LoA	-10,1935443	-0,008	0,323
CHR6	28368558	CHR6:28368558	SSF x Near_LoA	-11,5096778	-0,009	0,293
CHR6	28370333	CHR6:28370333	SSF x Near_LoA	-9,82512988	-0,074	0,308

CHR6	28370336	CHR6:28370336	SSF x Near_LoA	-8,96092929	0,092	0,294
CHR6	28370441	CHR6:28370441	SSF x Near_LoA	-9,16370945	-0,052	0,309
CHR6	28383843	CHR6:28383843	SSF x Near_LoA	-9,15101494	-0,063	0,310
CHR6	28383951	CHR6:28383951	SSF x Near_LoA	-9,95149165	-0,051	0,309
CHR6	28383963	CHR6:28383963	SSF x Near_LoA	-7,51202478	0,202	0,295
CHR6	28383975	CHR6:28383975	SSF x Near_LoA	-9,75478002	-0,014	0,307
CHR6	28383992	CHR6:28383992	SSF x Near_LoA	-11,0953937	0,033	0,308
CHR6	28383995	CHR6:28383995	SSF x Near_LoA	-10,6451251	-0,049	0,302
CHR6	28384037	CHR6:28384037	SSF x Near_LoA	-10,9045309	0,115	0,307
CHR6	28391132	CHR6:28391132	SSF x Near_LoA	-9,39117774	0,060	0,299
CHR6	28392857	CHR6:28392857	SSF x Near_LoA	-10,8296477	0,067	0,314
CHR6	28392871	CHR6:28392871	SSF x Near_LoA	-8,14836173	-0,027	0,318
CHR6	28396659	CHR6:28396659	SSF x Near_LoA	-9,09841689	-0,026	0,316
CHR6	28396702	CHR6:28396702	SSF x Near_LoA	-5,89479896	-0,107	0,315
CHR6	28400861	CHR6:28400861	SSF x Near_LoA	-7,29240433	0,123	0,305
CHR6	28400933	CHR6:28400933	SSF x Near_LoA	-11,2374221	-0,062	0,305
CHR6	28400934	CHR6:28400934	SSF x Near_LoA	-11,0256207	-0,057	0,317
CHR6	28405116	CHR6:28405116	SSF x Near_LoA	-9,52981173	-0,086	0,304
CHR6	28405177	CHR6:28405177	SSF x Near_LoA	-11,0295239	0,051	0,292
CHR6	28405781	CHR6:28405781	SSF x Near_LoA	-5,09873929	-0,047	0,331
CHR6	28405810	CHR6:28405810	SSF x Near_LoA	-8,93037153	-0,110	0,304
CHR6	28406074	CHR6:28406074	SSF x Near_LoA	-11,2721558	-0,077	0,289
CHR6	28406175	CHR6:28406175	SSF x Near_LoA	-9,8476261	0,012	0,305
CHR6	28412119	CHR6:28412119	SSF x Near_LoA	-9,95652835	-0,044	0,302
CHR6	28414301	CHR6:28414301	SSF x Near_LoA	-9,60122368	0,077	0,303
CHR6	28414308	CHR6:28414308	SSF x Near_LoA	-10,9538471	-0,116	0,303
CHR6	28414406	CHR6:28414406	SSF x Near_LoA	-9,5354626	0,021	0,310
CHR6	28414419	CHR6:28414419	SSF x Near_LoA	-9,20502362	0,043	0,300
CHR6	28423212	CHR6:28423212	SSF x Near_LoA	-7,67635061	0,042	0,304
CHR6	28423262	CHR6:28423262	SSF x Near_LoA	-8,81455208	0,015	0,301
CHR6	28423392	CHR6:28423392	SSF x Near_LoA	-10,4965611	-0,041	0,300
CHR6	28423407	CHR6:28423407	SSF x Near_LoA	-10,3581077	-0,026	0,311
CHR6	28423425	CHR6:28423425	SSF x Near_LoA	-11,4734772	-0,135	0,288
CHR6	28447291	CHR6:28447291	SSF x Near_LoA	-11,6697427	0,024	0,302
CHR6	28447322	CHR6:28447322	SSF x Near_LoA	-6,82302092	-0,095	0,314
CHR6	28447434	CHR6:28447434	SSF x Near_LoA	-9,54879393	-0,040	0,311
CHR6	28447465	CHR6:28447465	SSF x Near_LoA	-7,59644132	0,134	0,299
CHR6	28452009	CHR6:28452009	SSF x Near_LoA	-10,6598896	0,037	0,310
CHR6	28475839	CHR6:28475839	SSF x Near_LoA	-10,3760391	0,015	0,313
CHR6	28481157	CHR6:28481157	SSF x Near_LoA	-7,01037794	-0,121	0,316
CHR6	28481275	CHR6:28481275	SSF x Near_LoA	-9,09745628	0,068	0,316
CHR6	2849744	CHR6:2849744	SSF x Near_LoA	-10,7238484	0,059	0,312
CHR6	2849846	CHR6:2849846	SSF x Near_LoA	-10,7337799	0,077	0,298
CHR6	2849876	CHR6:2849876	SSF x Near_LoA	-2,00561784	0,169	0,302
CHR6	28512788	CHR6:28512788	SSF x Near_LoA	-10,4656198	-0,075	0,313
CHR6	2852251	CHR6:2852251	SSF x Near_LoA	-8,44521197	-0,105	0,314
CHR6	2852286	CHR6:2852286	SSF x Near_LoA	-9,62817012	0,011	0,312
CHR6	2852426	CHR6:2852426	SSF x Near_LoA	-8,2168262	-0,145	0,298
CHR6	28537323	CHR6:28537323	SSF x Near_LoA	-9,23075694	0,044	0,313
CHR6	28537382	CHR6:28537382	SSF x Near_LoA	-6,76406521	0,157	0,294
CHR6	28537442	CHR6:28537442	SSF x Near_LoA	-8,50387839	0,012	0,314
CHR6	28542269	CHR6:28542269	SSF x Near_LoA	-7,96320937	0,004	0,311
CHR6	28546506	CHR6:28546506	SSF x Near_LoA	-9,30488038	0,155	0,294

CHR6	28574383	CHR6:28574383	SSF x Near_LoA	-6,98404107	-0,087	0,305
CHR6	28580762	CHR6:28580762	SSF x Near_LoA	-10,9882114	0,021	0,324
CHR6	28584471	CHR6:28584471	SSF x Near_LoA	-9,87239792	-0,003	0,311
CHR6	28584621	CHR6:28584621	SSF x Near_LoA	-7,5489685	0,065	0,304
CHR6	28584639	CHR6:28584639	SSF x Near_LoA	-9,23967994	0,053	0,310
CHR6	28587560	CHR6:28587560	SSF x Near_LoA	-8,65903309	-0,148	0,327
CHR6	28587574	CHR6:28587574	SSF x Near_LoA	-7,58340155	-0,200	0,300
CHR6	28589999	CHR6:28589999	SSF x Near_LoA	-10,4939137	0,007	0,307
CHR6	28590066	CHR6:28590066	SSF x Near_LoA	-9,1235575	0,051	0,299
CHR6	2859309	CHR6:2859309	SSF x Near_LoA	-9,78537298	0,113	0,294
CHR6	28609255	CHR6:28609255	SSF x Near_LoA	-6,88124856	-0,053	0,287
CHR6	28611134	CHR6:28611134	SSF x Near_LoA	-10,9047125	-0,019	0,323
CHR6	28614963	CHR6:28614963	SSF x Near_LoA	-8,14700334	-0,091	0,301
CHR6	28615098	CHR6:28615098	SSF x Near_LoA	-7,80204041	0,102	0,304
CHR6	28615153	CHR6:28615153	SSF x Near_LoA	-10,3089938	-0,023	0,300
CHR6	28619556	CHR6:28619556	SSF x Near_LoA	-7,34760925	0,094	0,311
CHR6	28619803	CHR6:28619803	SSF x Near_LoA	-9,88439872	0,061	0,313
CHR6	28641340	CHR6:28641340	SSF x Near_LoA	-7,79287445	0,156	0,313
CHR6	28668580	CHR6:28668580	SSF x Near_LoA	-9,35933497	0,069	0,292
CHR6	28676741	CHR6:28676741	SSF x Near_LoA	-7,79468838	-0,038	0,319
CHR6	28676768	CHR6:28676768	SSF x Near_LoA	-8,76876994	0,001	0,318
CHR6	28702394	CHR6:28702394	SSF x Near_LoA	-10,0040313	0,093	0,327
CHR6	28705172	CHR6:28705172	SSF x Near_LoA	-8,84848324	0,011	0,322
CHR6	28706933	CHR6:28706933	SSF x Near_LoA	-10,0722601	-0,189	0,303
CHR6	28709114	CHR6:28709114	SSF x Near_LoA	-10,1391239	0,028	0,305
CHR6	28719001	CHR6:28719001	SSF x Near_LoA	-8,42553487	0,042	0,309
CHR6	2872672	CHR6:2872672	SSF x Near_LoA	-6,00561093	0,050	0,310
CHR6	28735770	CHR6:28735770	SSF x Near_LoA	-11,2897736	-0,056	0,320
CHR6	2875275	CHR6:2875275	SSF x Near_LoA	-0,04659209	-0,115	0,289
CHR6	2875276	CHR6:2875276	SSF x Near_LoA	-8,17979289	-0,095	0,291
CHR6	28775660	CHR6:28775660	SSF x Near_LoA	-9,4293914	-0,075	0,312
CHR6	28775905	CHR6:28775905	SSF x Near_LoA	-7,77396163	-0,077	0,316
CHR6	28801170	CHR6:28801170	SSF x Near_LoA	-6,3759437	0,099	0,296
CHR6	28801191	CHR6:28801191	SSF x Near_LoA	-10,755865	-0,049	0,306
CHR6	28808647	CHR6:28808647	SSF x Near_LoA	-9,602189	-0,125	0,302
CHR6	28827606	CHR6:28827606	SSF x Near_LoA	-4,55700874	0,044	0,314
CHR6	28827723	CHR6:28827723	SSF x Near_LoA	-8,23235596	0,027	0,301
CHR6	28869645	CHR6:28869645	SSF x Near_LoA	-9,86970547	0,027	0,317
CHR6	28902345	CHR6:28902345	SSF x Near_LoA	-9,67958699	-0,038	0,306
CHR6	28902429	CHR6:28902429	SSF x Near_LoA	-9,64405195	-0,001	0,310
CHR6	289075	CHR6:289075	SSF x Near_LoA	-7,61380823	0,017	0,316
CHR6	289083	CHR6:289083	SSF x Near_LoA	-8,4100986	0,038	0,315
CHR6	289128	CHR6:289128	SSF x Near_LoA	-8,13886967	0,047	0,306
CHR6	28924164	CHR6:28924164	SSF x Near_LoA	-8,9737281	0,049	0,303
CHR6	28932804	CHR6:28932804	SSF x Near_LoA	-7,46319144	0,006	0,304
CHR6	2899192	CHR6:2899192	SSF x Near_LoA	-11,0982537	-0,009	0,303
CHR6	2906345	CHR6:2906345	SSF x Near_LoA	-7,68623403	0,145	0,291
CHR6	2910809	CHR6:2910809	SSF x Near_LoA	-9,15402389	-0,003	0,301
CHR6	2914815	CHR6:2914815	SSF x Near_LoA	-11,3704528	0,128	0,306
CHR6	2936259	CHR6:2936259	SSF x Near_LoA	-10,3835555	0,075	0,303
CHR6	2967088	CHR6:2967088	SSF x Near_LoA	-10,8092537	0,089	0,305
CHR6	2967141	CHR6:2967141	SSF x Near_LoA	-11,647989	-0,019	0,313
CHR6	2967174	CHR6:2967174	SSF x Near_LoA	-8,39547535	-0,030	0,312

CHR6	2967178	CHR6:2967178	SSF x Near_LoA	-5,23329844	-0,061	0,305
CHR6	2967208	CHR6:2967208	SSF x Near_LoA	-7,38315889	-0,029	0,306
CHR6	2967212	CHR6:2967212	SSF x Near_LoA	-9,86743918	0,023	0,291
CHR6	2967213	CHR6:2967213	SSF x Near_LoA	-9,2215264	-0,017	0,315
CHR6	2970009	CHR6:2970009	SSF x Near_LoA	-6,89149434	-0,050	0,317
CHR6	3002963	CHR6:3002963	SSF x Near_LoA	-7,17113213	0,061	0,312
CHR6	3003033	CHR6:3003033	SSF x Near_LoA	-9,96551046	0,039	0,310
CHR6	3003034	CHR6:3003034	SSF x Near_LoA	-4,63978618	0,097	0,309
CHR6	3003040	CHR6:3003040	SSF x Near_LoA	-9,0780105	0,002	0,306
CHR6	3003084	CHR6:3003084	SSF x Near_LoA	-11,2493569	0,055	0,299
CHR6	3003100	CHR6:3003100	SSF x Near_LoA	-10,3045767	0,107	0,313
CHR6	3003108	CHR6:3003108	SSF x Near_LoA	-8,86716772	-0,035	0,307
CHR6	3003118	CHR6:3003118	SSF x Near_LoA	-9,95740266	0,090	0,304
CHR6	3003120	CHR6:3003120	SSF x Near_LoA	-8,91973389	-0,068	0,300
CHR6	3023636	CHR6:3023636	SSF x Near_LoA	-10,7381187	0,013	0,315
CHR6	3026782	CHR6:3026782	SSF x Near_LoA	-7,43116952	0,022	0,316
CHR6	3026929	CHR6:3026929	SSF x Near_LoA	-8,23314317	0,098	0,310
CHR6	3026932	CHR6:3026932	SSF x Near_LoA	-7,90918395	0,099	0,300
CHR6	3026946	CHR6:3026946	SSF x Near_LoA	-9,40155662	0,089	0,304
CHR6	3027008	CHR6:3027008	SSF x Near_LoA	-8,74924075	-0,109	0,310
CHR6	3044704	CHR6:3044704	SSF x Near_LoA	-8,5688396	0,054	0,303
CHR6	3044907	CHR6:3044907	SSF x Near_LoA	-4,53594303	0,034	0,294
CHR6	3065886	CHR6:3065886	SSF x Near_LoA	-11,0378889	0,028	0,312
CHR6	3065945	CHR6:3065945	SSF x Near_LoA	-10,2447013	0,063	0,303
CHR6	3066140	CHR6:3066140	SSF x Near_LoA	-10,9591173	-0,032	0,310
CHR6	3066145	CHR6:3066145	SSF x Near_LoA	-10,997376	-0,045	0,320
CHR6	3067732	CHR6:3067732	SSF x Near_LoA	-6,05682033	0,064	0,315
CHR6	3067760	CHR6:3067760	SSF x Near_LoA	-10,4314398	0,049	0,304
CHR6	3067810	CHR6:3067810	SSF x Near_LoA	-8,25791587	0,171	0,297
CHR6	3067817	CHR6:3067817	SSF x Near_LoA	-9,39106185	-0,066	0,309
CHR6	3067843	CHR6:3067843	SSF x Near_LoA	-11,4475211	-0,017	0,301
CHR6	3067854	CHR6:3067854	SSF x Near_LoA	-10,7292765	0,062	0,311
CHR6	3067877	CHR6:3067877	SSF x Near_LoA	-7,99792818	-0,069	0,315
CHR6	3067885	CHR6:3067885	SSF x Near_LoA	-9,05533387	0,033	0,321
CHR6	3067904	CHR6:3067904	SSF x Near_LoA	-9,07668856	0,021	0,315
CHR6	3067907	CHR6:3067907	SSF x Near_LoA	-10,6640651	-0,004	0,308
CHR6	3073853	CHR6:3073853	SSF x Near_LoA	-8,37293469	-0,020	0,308
CHR6	3080746	CHR6:3080746	SSF x Near_LoA	-6,33564568	0,014	0,305
CHR6	3085957	CHR6:3085957	SSF x Near_LoA	-10,023825	0,020	0,312
CHR6	3086053	CHR6:3086053	SSF x Near_LoA	-8,80445682	0,006	0,299
CHR6	3086141	CHR6:3086141	SSF x Near_LoA	-10,7232179	0,006	0,308
CHR6	3086182	CHR6:3086182	SSF x Near_LoA	-11,082873	0,050	0,309
CHR6	3086194	CHR6:3086194	SSF x Near_LoA	-8,38455986	-0,002	0,299
CHR6	3089582	CHR6:3089582	SSF x Near_LoA	-7,73289424	0,118	0,293
CHR6	3098258	CHR6:3098258	SSF x Near_LoA	-10,8568872	0,089	0,309
CHR6	3110559	CHR6:3110559	SSF x Near_LoA	-11,3026291	-0,050	0,309
CHR6	3110580	CHR6:3110580	SSF x Near_LoA	-2,87230894	-0,177	0,283
CHR6	3110581	CHR6:3110581	SSF x Near_LoA	-7,07852994	-0,155	0,287
CHR6	3110611	CHR6:3110611	SSF x Near_LoA	-11,6059544	0,046	0,297
CHR6	3110765	CHR6:3110765	SSF x Near_LoA	-10,0894008	0,065	0,305
CHR6	3110809	CHR6:3110809	SSF x Near_LoA	-9,66030472	0,005	0,310
CHR6	3110810	CHR6:3110810	SSF x Near_LoA	-3,25115689	0,021	0,297
CHR6	3110817	CHR6:3110817	SSF x Near_LoA	-9,78087399	0,001	0,303

CHR6	3110888	CHR6:3110888	SSF x Near_LoA	-8,85213194	-0,095	0,298
CHR6	3110921	CHR6:3110921	SSF x Near_LoA	-7,83459827	0,097	0,304
CHR6	3110947	CHR6:3110947	SSF x Near_LoA	-8,58135951	-0,067	0,318
CHR6	3110967	CHR6:3110967	SSF x Near_LoA	-8,51934836	0,113	0,305
CHR6	312175	CHR6:312175	SSF x Near_LoA	-9,12648716	-0,097	0,305
CHR6	312383	CHR6:312383	SSF x Near_LoA	-7,88100671	-0,124	0,300
CHR6	312392	CHR6:312392	SSF x Near_LoA	-9,8619401	-0,026	0,311
CHR6	312469	CHR6:312469	SSF x Near_LoA	-7,26797109	-0,125	0,307
CHR6	3125672	CHR6:3125672	SSF x Near_LoA	-9,34105538	-0,164	0,307
CHR6	3125676	CHR6:3125676	SSF x Near_LoA	-6,35361475	0,088	0,307
CHR6	3125696	CHR6:3125696	SSF x Near_LoA	-8,06138136	-0,049	0,318
CHR6	3125737	CHR6:3125737	SSF x Near_LoA	-10,3484662	-0,001	0,303
CHR6	3125778	CHR6:3125778	SSF x Near_LoA	-7,90355434	-0,043	0,298
CHR6	3128482	CHR6:3128482	SSF x Near_LoA	-4,14084555	-0,081	0,309
CHR6	3128924	CHR6:3128924	SSF x Near_LoA	-6,90440699	0,055	0,304
CHR6	3128959	CHR6:3128959	SSF x Near_LoA	-9,14156033	-0,049	0,314
CHR6	3128986	CHR6:3128986	SSF x Near_LoA	-8,75228577	0,087	0,312
CHR6	3148062	CHR6:3148062	SSF x Near_LoA	-11,1537368	0,004	0,308
CHR6	3148125	CHR6:3148125	SSF x Near_LoA	-11,8800951	0,072	0,298
CHR6	3149211	CHR6:3149211	SSF x Near_LoA	-8,13530598	0,049	0,311
CHR6	3149213	CHR6:3149213	SSF x Near_LoA	-9,32666199	0,046	0,308
CHR6	3149245	CHR6:3149245	SSF x Near_LoA	-10,1584478	-0,034	0,308
CHR6	3158351	CHR6:3158351	SSF x Near_LoA	-8,51161329	0,072	0,309
CHR6	3158358	CHR6:3158358	SSF x Near_LoA	-9,67103266	0,040	0,300
CHR6	3158433	CHR6:3158433	SSF x Near_LoA	-8,27072564	-0,047	0,308
CHR6	3160722	CHR6:3160722	SSF x Near_LoA	-7,16634125	0,007	0,311
CHR6	3160783	CHR6:3160783	SSF x Near_LoA	-8,69044781	0,042	0,308
CHR6	3160786	CHR6:3160786	SSF x Near_LoA	-11,0251105	-0,006	0,308
CHR6	3163831	CHR6:3163831	SSF x Near_LoA	-10,312027	0,001	0,316
CHR6	3163835	CHR6:3163835	SSF x Near_LoA	-7,62284429	0,110	0,296
CHR6	3163951	CHR6:3163951	SSF x Near_LoA	-9,63027056	0,013	0,315
CHR6	3183384	CHR6:3183384	SSF x Near_LoA	-11,3341281	-0,025	0,306
CHR6	3183508	CHR6:3183508	SSF x Near_LoA	-7,33915775	-0,074	0,315
CHR6	3186424	CHR6:3186424	SSF x Near_LoA	-8,47742154	0,016	0,303
CHR6	318709	CHR6:318709	SSF x Near_LoA	-8,23108034	-0,008	0,296
CHR6	318737	CHR6:318737	SSF x Near_LoA	-10,72526	0,092	0,292
CHR6	318740	CHR6:318740	SSF x Near_LoA	-8,12589728	0,008	0,307
CHR6	318746	CHR6:318746	SSF x Near_LoA	-9,52439073	0,011	0,292
CHR6	318768	CHR6:318768	SSF x Near_LoA	-5,83823476	-0,108	0,308
CHR6	318828	CHR6:318828	SSF x Near_LoA	-4,18286803	-0,092	0,309
CHR6	318859	CHR6:318859	SSF x Near_LoA	-8,25166736	0,010	0,303
CHR6	3189392	CHR6:3189392	SSF x Near_LoA	-10,1498746	0,047	0,307
CHR6	3189606	CHR6:3189606	SSF x Near_LoA	-4,90886732	0,091	0,305
CHR6	3202586	CHR6:3202586	SSF x Near_LoA	-10,8371917	0,079	0,311
CHR6	3202598	CHR6:3202598	SSF x Near_LoA	-8,69572396	-0,011	0,312
CHR6	3202670	CHR6:3202670	SSF x Near_LoA	-10,1843015	0,047	0,314
CHR6	3202696	CHR6:3202696	SSF x Near_LoA	-9,49065185	-0,064	0,307
CHR6	3202706	CHR6:3202706	SSF x Near_LoA	-9,34557881	0,026	0,309
CHR6	3202872	CHR6:3202872	SSF x Near_LoA	-10,8585805	-0,029	0,307
CHR6	3205495	CHR6:3205495	SSF x Near_LoA	-8,3267566	-0,114	0,299
CHR6	3205506	CHR6:3205506	SSF x Near_LoA	-8,67869218	0,088	0,311
CHR6	3205517	CHR6:3205517	SSF x Near_LoA	-9,03241086	0,058	0,308
CHR6	3205542	CHR6:3205542	SSF x Near_LoA	-9,8409168	0,166	0,307

CHR6	3225163	CHR6:3225163	SSF x Near_LoA	-5,78406995	0,059	0,313
CHR6	3225297	CHR6:3225297	SSF x Near_LoA	-10,1361054	0,083	0,316
CHR6	3237905	CHR6:3237905	SSF x Near_LoA	-8,53762593	0,104	0,309
CHR6	3238008	CHR6:3238008	SSF x Near_LoA	-10,8262705	-0,047	0,304
CHR6	3240955	CHR6:3240955	SSF x Near_LoA	-8,23800473	-0,023	0,317
CHR6	3245125	CHR6:3245125	SSF x Near_LoA	-7,52445966	-0,029	0,318
CHR6	3245166	CHR6:3245166	SSF x Near_LoA	-6,55979279	0,059	0,325
CHR6	3245186	CHR6:3245186	SSF x Near_LoA	-10,4168843	-0,023	0,306
CHR6	3245190	CHR6:3245190	SSF x Near_LoA	-10,0906533	-0,022	0,330
CHR6	3245204	CHR6:3245204	SSF x Near_LoA	-10,6283151	0,067	0,300
CHR6	3245210	CHR6:3245210	SSF x Near_LoA	-10,6828303	0,036	0,306
CHR6	3245298	CHR6:3245298	SSF x Near_LoA	-10,9259341	0,013	0,304
CHR6	3245320	CHR6:3245320	SSF x Near_LoA	-9,53827515	0,003	0,312
CHR6	3245335	CHR6:3245335	SSF x Near_LoA	-10,8539343	0,009	0,311
CHR6	3245336	CHR6:3245336	SSF x Near_LoA	-11,9426504	0,022	0,295
CHR6	3245337	CHR6:3245337	SSF x Near_LoA	-9,62802736	-0,016	0,309
CHR6	3245374	CHR6:3245374	SSF x Near_LoA	-6,94603278	0,082	0,317
CHR6	3249941	CHR6:3249941	SSF x Near_LoA	-6,46592733	-0,017	0,304
CHR6	3251739	CHR6:3251739	SSF x Near_LoA	-8,81403492	0,046	0,313
CHR6	3256926	CHR6:3256926	SSF x Near_LoA	-9,37510971	-0,003	0,318
CHR6	3256953	CHR6:3256953	SSF x Near_LoA	-10,0336175	-0,037	0,298
CHR6	3257026	CHR6:3257026	SSF x Near_LoA	-9,86530005	0,027	0,313
CHR6	3257029	CHR6:3257029	SSF x Near_LoA	-4,50160482	0,201	0,301
CHR6	3257034	CHR6:3257034	SSF x Near_LoA	-5,25598563	0,204	0,299
CHR6	3257035	CHR6:3257035	SSF x Near_LoA	-2,46837088	0,168	0,301
CHR6	3257134	CHR6:3257134	SSF x Near_LoA	-10,3006546	-0,099	0,303
CHR6	3258358	CHR6:3258358	SSF x Near_LoA	-9,15949037	-0,110	0,298
CHR6	3258396	CHR6:3258396	SSF x Near_LoA	-10,1178213	-0,046	0,319
CHR6	3258462	CHR6:3258462	SSF x Near_LoA	-8,3007567	-0,048	0,304
CHR6	3258545	CHR6:3258545	SSF x Near_LoA	-8,97216907	0,026	0,309
CHR6	3258555	CHR6:3258555	SSF x Near_LoA	-7,99240809	-0,148	0,289
CHR6	3283130	CHR6:3283130	SSF x Near_LoA	-9,22331371	0,153	0,301
CHR6	3285419	CHR6:3285419	SSF x Near_LoA	-8,72589915	0,089	0,296
CHR6	3285460	CHR6:3285460	SSF x Near_LoA	-7,93480915	0,009	0,298
CHR6	3285492	CHR6:3285492	SSF x Near_LoA	1,04979754	0,008	0,322
CHR6	3285531	CHR6:3285531	SSF x Near_LoA	-2,53461657	-0,069	0,313
CHR6	3285533	CHR6:3285533	SSF x Near_LoA	-9,16827511	-0,047	0,308
CHR6	3287401	CHR6:3287401	SSF x Near_LoA	-5,58524817	-0,142	0,304
CHR6	3289714	CHR6:3289714	SSF x Near_LoA	-9,65691305	0,016	0,299
CHR6	3298878	CHR6:3298878	SSF x Near_LoA	-10,3510438	0,000	0,313
CHR6	3298888	CHR6:3298888	SSF x Near_LoA	-9,27606548	-0,061	0,300
CHR6	3298908	CHR6:3298908	SSF x Near_LoA	-9,77320323	0,035	0,310
CHR6	3313513	CHR6:3313513	SSF x Near_LoA	-8,31354584	0,000	0,320
CHR6	3313526	CHR6:3313526	SSF x Near_LoA	-10,2172083	0,017	0,304
CHR6	3326856	CHR6:3326856	SSF x Near_LoA	-7,95875708	0,136	0,308
CHR6	3326921	CHR6:3326921	SSF x Near_LoA	-7,05370109	0,081	0,315
CHR6	3350977	CHR6:3350977	SSF x Near_LoA	-10,1203565	0,028	0,306
CHR6	3351045	CHR6:3351045	SSF x Near_LoA	-10,0267809	0,168	0,302
CHR6	3382541	CHR6:3382541	SSF x Near_LoA	-8,74903771	-0,059	0,315
CHR6	3382719	CHR6:3382719	SSF x Near_LoA	-6,06094827	-0,060	0,302
CHR6	3401457	CHR6:3401457	SSF x Near_LoA	-9,48131661	-0,157	0,312
CHR6	3406750	CHR6:3406750	SSF x Near_LoA	-9,32579474	-0,076	0,298
CHR6	3406752	CHR6:3406752	SSF x Near_LoA	-9,59490877	-0,135	0,303

CHR6	3418111	CHR6:3418111	SSF x Near_LoA	-7,79390641	-0,092	0,301
CHR6	342554	CHR6:342554	SSF x Near_LoA	-7,11363403	-0,176	0,290
CHR6	342570	CHR6:342570	SSF x Near_LoA	-10,4525127	0,006	0,308
CHR6	3426110	CHR6:3426110	SSF x Near_LoA	-10,7077714	0,022	0,316
CHR6	3426115	CHR6:3426115	SSF x Near_LoA	-9,54042291	0,102	0,308
CHR6	3426119	CHR6:3426119	SSF x Near_LoA	-9,7171698	0,099	0,304
CHR6	3426133	CHR6:3426133	SSF x Near_LoA	-11,1161242	0,048	0,314
CHR6	3429018	CHR6:3429018	SSF x Near_LoA	-6,5093985	0,125	0,304
CHR6	3429034	CHR6:3429034	SSF x Near_LoA	-7,5270435	-0,087	0,314
CHR6	3429049	CHR6:3429049	SSF x Near_LoA	-8,92357228	-0,038	0,302
CHR6	3429110	CHR6:3429110	SSF x Near_LoA	-9,25463933	0,032	0,287
CHR6	3429121	CHR6:3429121	SSF x Near_LoA	-8,56739184	-0,043	0,295
CHR6	3429133	CHR6:3429133	SSF x Near_LoA	-6,73788075	0,143	0,315
CHR6	3429171	CHR6:3429171	SSF x Near_LoA	-10,1223638	0,128	0,289
CHR6	3433007	CHR6:3433007	SSF x Near_LoA	-7,41309537	0,009	0,296
CHR6	3433009	CHR6:3433009	SSF x Near_LoA	-10,4207691	-0,007	0,315
CHR6	3433012	CHR6:3433012	SSF x Near_LoA	-5,8585596	0,122	0,301
CHR6	3433015	CHR6:3433015	SSF x Near_LoA	-9,8358744	0,052	0,311
CHR6	3441083	CHR6:3441083	SSF x Near_LoA	-11,0548445	-0,031	0,307
CHR6	3441091	CHR6:3441091	SSF x Near_LoA	-8,30950122	-0,025	0,316
CHR6	3441107	CHR6:3441107	SSF x Near_LoA	-9,23932837	-0,039	0,299
CHR6	3441108	CHR6:3441108	SSF x Near_LoA	-11,0319456	-0,049	0,310
CHR6	3441170	CHR6:3441170	SSF x Near_LoA	-7,61978759	-0,024	0,300
CHR6	3441196	CHR6:3441196	SSF x Near_LoA	-10,165707	-0,072	0,305
CHR6	3441245	CHR6:3441245	SSF x Near_LoA	-8,95076318	-0,038	0,302
CHR6	3441320	CHR6:3441320	SSF x Near_LoA	-9,76837457	-0,039	0,315
CHR6	344370	CHR6:344370	SSF x Near_LoA	-8,26513779	0,078	0,301
CHR6	344426	CHR6:344426	SSF x Near_LoA	-8,3477442	0,086	0,309
CHR6	3448396	CHR6:3448396	SSF x Near_LoA	-9,09997126	-0,016	0,309
CHR6	3448766	CHR6:3448766	SSF x Near_LoA	-10,4578206	-0,063	0,310
CHR6	3455763	CHR6:3455763	SSF x Near_LoA	-10,1595239	-0,115	0,294
CHR6	3477420	CHR6:3477420	SSF x Near_LoA	-8,74813211	0,076	0,317
CHR6	3477461	CHR6:3477461	SSF x Near_LoA	-8,96461502	0,067	0,290
CHR6	3480337	CHR6:3480337	SSF x Near_LoA	-8,82882612	0,028	0,299
CHR6	3480364	CHR6:3480364	SSF x Near_LoA	-7,37321223	-0,010	0,299
CHR6	3480396	CHR6:3480396	SSF x Near_LoA	-11,6461394	-0,013	0,307
CHR6	3480408	CHR6:3480408	SSF x Near_LoA	-10,0788807	0,032	0,323
CHR6	3480457	CHR6:3480457	SSF x Near_LoA	-7,46924826	0,072	0,301
CHR6	3486370	CHR6:3486370	SSF x Near_LoA	-8,12108928	0,095	0,297
CHR6	3486433	CHR6:3486433	SSF x Near_LoA	-7,83383567	-0,089	0,308
CHR6	3486458	CHR6:3486458	SSF x Near_LoA	-8,43340618	-0,114	0,274
CHR6	3486485	CHR6:3486485	SSF x Near_LoA	-3,27386399	0,117	0,312
CHR6	3486505	CHR6:3486505	SSF x Near_LoA	-10,8825283	-0,040	0,309
CHR6	3486543	CHR6:3486543	SSF x Near_LoA	-7,36599297	0,119	0,301
CHR6	3516459	CHR6:3516459	SSF x Near_LoA	-9,92385222	0,059	0,301
CHR6	3516506	CHR6:3516506	SSF x Near_LoA	-10,7626006	0,025	0,310
CHR6	3518355	CHR6:3518355	SSF x Near_LoA	3,28570246	0,167	0,300
CHR6	3529573	CHR6:3529573	SSF x Near_LoA	-10,0665171	-0,081	0,311
CHR6	3529607	CHR6:3529607	SSF x Near_LoA	-11,5669075	0,061	0,311
CHR6	3532691	CHR6:3532691	SSF x Near_LoA	-9,55027616	-0,106	0,289
CHR6	3532774	CHR6:3532774	SSF x Near_LoA	-11,3384482	0,011	0,293
CHR6	3532840	CHR6:3532840	SSF x Near_LoA	-8,88725691	-0,049	0,311
CHR6	3532848	CHR6:3532848	SSF x Near_LoA	-8,60322123	-0,035	0,300

CHR6	3532880	CHR6:3532880	SSF x Near_LoA	-9,89850891	0,017	0,312
CHR6	3532915	CHR6:3532915	SSF x Near_LoA	-9,56514952	0,075	0,307
CHR6	3537079	CHR6:3537079	SSF x Near_LoA	-9,28455785	0,014	0,316
CHR6	3537111	CHR6:3537111	SSF x Near_LoA	-10,79261	0,044	0,300
CHR6	3537212	CHR6:3537212	SSF x Near_LoA	-8,46963551	0,033	0,315
CHR6	3543075	CHR6:3543075	SSF x Near_LoA	-7,58562428	-0,099	0,304
CHR6	3543756	CHR6:3543756	SSF x Near_LoA	-10,0016966	-0,058	0,303
CHR6	3545367	CHR6:3545367	SSF x Near_LoA	-12,0827067	0,065	0,292
CHR6	3545636	CHR6:3545636	SSF x Near_LoA	-10,0943258	0,030	0,307
CHR6	355101	CHR6:355101	SSF x Near_LoA	-9,37999829	-0,024	0,306
CHR6	355232	CHR6:355232	SSF x Near_LoA	-8,51952251	-0,103	0,305
CHR6	355250	CHR6:355250	SSF x Near_LoA	-2,11364352	0,064	0,317
CHR6	3559134	CHR6:3559134	SSF x Near_LoA	-10,4584743	0,023	0,299
CHR6	3559340	CHR6:3559340	SSF x Near_LoA	-7,93919507	0,107	0,300
CHR6	3563785	CHR6:3563785	SSF x Near_LoA	-7,05590868	-0,017	0,311
CHR6	3563819	CHR6:3563819	SSF x Near_LoA	9,43387901	-0,081	0,315
CHR6	3569714	CHR6:3569714	SSF x Near_LoA	-11,1860572	-0,014	0,309
CHR6	3588493	CHR6:3588493	SSF x Near_LoA	-10,1895	-0,023	0,304
CHR6	3588495	CHR6:3588495	SSF x Near_LoA	3,0458099	-0,019	0,309
CHR6	3588513	CHR6:3588513	SSF x Near_LoA	-9,64386241	-0,058	0,299
CHR6	3588561	CHR6:3588561	SSF x Near_LoA	-8,25146133	0,053	0,307
CHR6	3591249	CHR6:3591249	SSF x Near_LoA	-9,12891577	-0,040	0,308
CHR6	3591251	CHR6:3591251	SSF x Near_LoA	-9,3094871	-0,064	0,294
CHR6	3591252	CHR6:3591252	SSF x Near_LoA	-9,79836551	-0,024	0,288
CHR6	3591331	CHR6:3591331	SSF x Near_LoA	-9,3573392	0,058	0,301
CHR6	359312	CHR6:359312	SSF x Near_LoA	-7,89271767	-0,035	0,299
CHR6	359325	CHR6:359325	SSF x Near_LoA	-9,40702958	0,077	0,307
CHR6	359326	CHR6:359326	SSF x Near_LoA	-9,58318401	-0,018	0,314
CHR6	3594176	CHR6:3594176	SSF x Near_LoA	-9,92282546	-0,057	0,314
CHR6	3595774	CHR6:3595774	SSF x Near_LoA	-8,92304199	-0,034	0,303
CHR6	3595859	CHR6:3595859	SSF x Near_LoA	-9,65923826	-0,033	0,313
CHR6	3595904	CHR6:3595904	SSF x Near_LoA	-9,37628743	-0,066	0,292
CHR6	3595982	CHR6:3595982	SSF x Near_LoA	-10,6418426	0,024	0,301
CHR6	3597697	CHR6:3597697	SSF x Near_LoA	-8,82603506	0,066	0,294
CHR6	3597706	CHR6:3597706	SSF x Near_LoA	-9,72736902	0,172	0,315
CHR6	359771	CHR6:359771	SSF x Near_LoA	-10,6040132	0,002	0,295
CHR6	3597932	CHR6:3597932	SSF x Near_LoA	-8,5936458	-0,029	0,301
CHR6	3607936	CHR6:3607936	SSF x Near_LoA	-10,8834989	0,119	0,297
CHR6	3607974	CHR6:3607974	SSF x Near_LoA	-6,42708092	0,169	0,302
CHR6	3608001	CHR6:3608001	SSF x Near_LoA	-7,47818315	-0,193	0,285
CHR6	3608005	CHR6:3608005	SSF x Near_LoA	3,1830273	0,190	0,300
CHR6	3608017	CHR6:3608017	SSF x Near_LoA	-5,89015678	-0,199	0,298
CHR6	3608102	CHR6:3608102	SSF x Near_LoA	-8,98751892	-0,058	0,311
CHR6	3616822	CHR6:3616822	SSF x Near_LoA	-8,19117153	0,028	0,307
CHR6	3617231	CHR6:3617231	SSF x Near_LoA	-7,16118355	0,022	0,314
CHR6	3630529	CHR6:3630529	SSF x Near_LoA	-9,28104076	0,125	0,303
CHR6	3630654	CHR6:3630654	SSF x Near_LoA	-12,2464646	-0,050	0,310
CHR6	3641557	CHR6:3641557	SSF x Near_LoA	-8,71356279	0,076	0,307
CHR6	3641568	CHR6:3641568	SSF x Near_LoA	-9,77135543	0,088	0,305
CHR6	3641593	CHR6:3641593	SSF x Near_LoA	-8,77563611	-0,064	0,318
CHR6	3641606	CHR6:3641606	SSF x Near_LoA	-9,5891438	-0,078	0,301
CHR6	3641625	CHR6:3641625	SSF x Near_LoA	-10,3402104	-0,043	0,292
CHR6	3641675	CHR6:3641675	SSF x Near_LoA	-10,8742051	-0,043	0,322

CHR6	365857	CHR6:365857	SSF x Near_LoA	-10,1717818	-0,028	0,296
CHR6	365903	CHR6:365903	SSF x Near_LoA	-9,46531356	-0,002	0,312
CHR6	365912	CHR6:365912	SSF x Near_LoA	-9,03833118	-0,015	0,301
CHR6	365959	CHR6:365959	SSF x Near_LoA	-11,8633903	0,017	0,304
CHR6	366009	CHR6:366009	SSF x Near_LoA	-10,7815835	0,085	0,309
CHR6	366048	CHR6:366048	SSF x Near_LoA	-11,040539	-0,031	0,309
CHR6	366095	CHR6:366095	SSF x Near_LoA	-8,20307967	-0,092	0,302
CHR6	366100	CHR6:366100	SSF x Near_LoA	-9,90681351	-0,027	0,303
CHR6	3688084	CHR6:3688084	SSF x Near_LoA	-10,8242281	-0,098	0,298
CHR6	3688120	CHR6:3688120	SSF x Near_LoA	-9,66771478	0,034	0,308
CHR6	3692273	CHR6:3692273	SSF x Near_LoA	-8,59523932	-0,063	0,299
CHR6	3692289	CHR6:3692289	SSF x Near_LoA	-8,23515017	-0,146	0,289
CHR6	3692344	CHR6:3692344	SSF x Near_LoA	-8,64620352	-0,075	0,311
CHR6	3692435	CHR6:3692435	SSF x Near_LoA	-6,59191933	-0,141	0,295
CHR6	3692464	CHR6:3692464	SSF x Near_LoA	-10,6646238	0,032	0,312
CHR6	3692494	CHR6:3692494	SSF x Near_LoA	-8,02673487	-0,007	0,310
CHR6	3692509	CHR6:3692509	SSF x Near_LoA	-7,47433585	-0,163	0,304
CHR6	3729550	CHR6:3729550	SSF x Near_LoA	-9,6910348	-0,020	0,289
CHR6	3729699	CHR6:3729699	SSF x Near_LoA	-10,8530077	0,085	0,310
CHR6	3745682	CHR6:3745682	SSF x Near_LoA	-9,02558137	0,078	0,287
CHR6	374754	CHR6:374754	SSF x Near_LoA	-7,10243877	-0,115	0,321
CHR6	374777	CHR6:374777	SSF x Near_LoA	-9,66406561	-0,019	0,304
CHR6	374804	CHR6:374804	SSF x Near_LoA	-10,3435159	0,068	0,308
CHR6	375416	CHR6:375416	SSF x Near_LoA	-10,072276	0,060	0,293
CHR6	375499	CHR6:375499	SSF x Near_LoA	-11,0766915	0,055	0,315
CHR6	3755388	CHR6:3755388	SSF x Near_LoA	-9,66335343	0,022	0,310
CHR6	3755479	CHR6:3755479	SSF x Near_LoA	-7,29058207	-0,124	0,316
CHR6	3755563	CHR6:3755563	SSF x Near_LoA	-9,6730755	0,042	0,311
CHR6	3755606	CHR6:3755606	SSF x Near_LoA	-8,21527784	-0,076	0,311
CHR6	3776803	CHR6:3776803	SSF x Near_LoA	-8,45830573	-0,074	0,294
CHR6	3776873	CHR6:3776873	SSF x Near_LoA	-8,57911352	-0,023	0,315
CHR6	3777020	CHR6:3777020	SSF x Near_LoA	-8,97949445	-0,012	0,319
CHR6	3779387	CHR6:3779387	SSF x Near_LoA	-9,24508585	0,121	0,306
CHR6	3779700	CHR6:3779700	SSF x Near_LoA	-9,86425373	0,027	0,302
CHR6	3779734	CHR6:3779734	SSF x Near_LoA	-10,4466959	-0,066	0,309
CHR6	3779808	CHR6:3779808	SSF x Near_LoA	-10,615307	-0,085	0,309
CHR6	3784035	CHR6:3784035	SSF x Near_LoA	-9,48203079	-0,058	0,315
CHR6	3784085	CHR6:3784085	SSF x Near_LoA	-6,10905024	0,147	0,304
CHR6	3784307	CHR6:3784307	SSF x Near_LoA	-9,0465478	0,043	0,313
CHR6	3784381	CHR6:3784381	SSF x Near_LoA	-10,2928046	-0,057	0,319
CHR6	379025	CHR6:379025	SSF x Near_LoA	-3,93641365	-0,043	0,313
CHR6	379033	CHR6:379033	SSF x Near_LoA	-7,81930341	0,069	0,316
CHR6	379272	CHR6:379272	SSF x Near_LoA	-9,11308816	-0,088	0,309
CHR6	379292	CHR6:379292	SSF x Near_LoA	-8,27256449	0,005	0,326
CHR6	3792940	CHR6:3792940	SSF x Near_LoA	-9,830996	0,137	0,294
CHR6	3793207	CHR6:3793207	SSF x Near_LoA	-10,7756536	0,014	0,315
CHR6	3793226	CHR6:3793226	SSF x Near_LoA	-9,01416729	-0,027	0,308
CHR6	3793284	CHR6:3793284	SSF x Near_LoA	-9,1365197	0,004	0,292
CHR6	3795084	CHR6:3795084	SSF x Near_LoA	-10,2548658	0,042	0,301
CHR6	3795138	CHR6:3795138	SSF x Near_LoA	-4,30841747	0,059	0,317
CHR6	3795264	CHR6:3795264	SSF x Near_LoA	-10,3643734	-0,084	0,303
CHR6	3795409	CHR6:3795409	SSF x Near_LoA	-10,6168164	-0,003	0,309
CHR6	3801747	CHR6:3801747	SSF x Near_LoA	-9,46144217	0,143	0,296

CHR6	3801863	CHR6:3801863	SSF x Near_LoA	-9,33467348	0,081	0,313
CHR6	3801890	CHR6:3801890	SSF x Near_LoA	-10,1250453	0,079	0,314
CHR6	380602	CHR6:380602	SSF x Near_LoA	-9,96680188	-0,108	0,306
CHR6	3809932	CHR6:3809932	SSF x Near_LoA	-8,115112	0,025	0,310
CHR6	3809948	CHR6:3809948	SSF x Near_LoA	-9,95864602	-0,007	0,309
CHR6	3809972	CHR6:3809972	SSF x Near_LoA	-6,36297811	-0,041	0,317
CHR6	3809986	CHR6:3809986	SSF x Near_LoA	-8,96568086	0,023	0,312
CHR6	3815628	CHR6:3815628	SSF x Near_LoA	-9,78584422	0,060	0,312
CHR6	382283	CHR6:382283	SSF x Near_LoA	-4,89163518	0,139	0,301
CHR6	382286	CHR6:382286	SSF x Near_LoA	-8,3301953	-0,035	0,301
CHR6	382288	CHR6:382288	SSF x Near_LoA	-6,31739277	-0,065	0,300
CHR6	3829866	CHR6:3829866	SSF x Near_LoA	-9,64187839	-0,042	0,307
CHR6	3830012	CHR6:3830012	SSF x Near_LoA	-4,58156852	0,145	0,297
CHR6	3830013	CHR6:3830013	SSF x Near_LoA	-10,1226783	-0,033	0,297
CHR6	3830134	CHR6:3830134	SSF x Near_LoA	-7,70542192	0,065	0,310
CHR6	3840552	CHR6:3840552	SSF x Near_LoA	-9,56879269	0,069	0,309
CHR6	3873511	CHR6:3873511	SSF x Near_LoA	3,09650931	0,060	0,315
CHR6	3873547	CHR6:3873547	SSF x Near_LoA	-9,12676705	0,071	0,310
CHR6	3876736	CHR6:3876736	SSF x Near_LoA	-10,1426069	0,033	0,312
CHR6	3876888	CHR6:3876888	SSF x Near_LoA	-11,7404472	0,001	0,295
CHR6	3879605	CHR6:3879605	SSF x Near_LoA	-9,6797723	-0,031	0,306
CHR6	3879677	CHR6:3879677	SSF x Near_LoA	-11,2650021	0,011	0,305
CHR6	3893454	CHR6:3893454	SSF x Near_LoA	-9,98553083	0,019	0,301
CHR6	3893531	CHR6:3893531	SSF x Near_LoA	-11,2713487	0,021	0,298
CHR6	3898548	CHR6:3898548	SSF x Near_LoA	-10,2460835	0,032	0,306
CHR6	3903944	CHR6:3903944	SSF x Near_LoA	-7,97418553	-0,170	0,301
CHR6	3905285	CHR6:3905285	SSF x Near_LoA	-10,1447791	-0,048	0,303
CHR6	3905301	CHR6:3905301	SSF x Near_LoA	-8,57517528	-0,022	0,316
CHR6	3905307	CHR6:3905307	SSF x Near_LoA	-6,26365966	0,116	0,308
CHR6	3921052	CHR6:3921052	SSF x Near_LoA	-11,9129173	-0,085	0,290
CHR6	3923333	CHR6:3923333	SSF x Near_LoA	-8,83802913	-0,069	0,299
CHR6	3923335	CHR6:3923335	SSF x Near_LoA	-8,08714797	-0,074	0,300
CHR6	3925511	CHR6:3925511	SSF x Near_LoA	-9,56693675	-0,137	0,308
CHR6	3925547	CHR6:3925547	SSF x Near_LoA	-8,40664934	0,052	0,307
CHR6	3929842	CHR6:3929842	SSF x Near_LoA	-10,1486275	-0,059	0,302
CHR6	3929880	CHR6:3929880	SSF x Near_LoA	-11,3280427	0,020	0,301
CHR6	3929883	CHR6:3929883	SSF x Near_LoA	-10,32028	-0,051	0,294
CHR6	3929930	CHR6:3929930	SSF x Near_LoA	-8,22629076	-0,072	0,304
CHR6	3929931	CHR6:3929931	SSF x Near_LoA	-8,46363324	-0,074	0,320
CHR6	3929950	CHR6:3929950	SSF x Near_LoA	-7,74527873	0,006	0,319
CHR6	3939436	CHR6:3939436	SSF x Near_LoA	-10,2206473	-0,062	0,320
CHR6	3939514	CHR6:3939514	SSF x Near_LoA	-9,22467433	-0,053	0,314
CHR6	3945147	CHR6:3945147	SSF x Near_LoA	-7,87906759	-0,027	0,304
CHR6	3945267	CHR6:3945267	SSF x Near_LoA	-8,82445903	-0,075	0,312
CHR6	3945443	CHR6:3945443	SSF x Near_LoA	-9,97415165	0,044	0,302
CHR6	3956746	CHR6:3956746	SSF x Near_LoA	-5,88780456	-0,190	0,300
CHR6	3956959	CHR6:3956959	SSF x Near_LoA	-9,49917531	0,161	0,296
CHR6	3957034	CHR6:3957034	SSF x Near_LoA	-12,2788248	-0,038	0,300
CHR6	3957049	CHR6:3957049	SSF x Near_LoA	-8,83145925	0,072	0,308
CHR6	3967203	CHR6:3967203	SSF x Near_LoA	-10,1657987	-0,006	0,307
CHR6	3967219	CHR6:3967219	SSF x Near_LoA	-10,113109	0,121	0,297
CHR6	3967226	CHR6:3967226	SSF x Near_LoA	-9,92136413	-0,004	0,315
CHR6	3967389	CHR6:3967389	SSF x Near_LoA	-10,8222491	-0,035	0,312

CHR6	3976524	CHR6:3976524	SSF x Near_LoA	-8,62327001	0,012	0,314
CHR6	3976568	CHR6:3976568	SSF x Near_LoA	-8,00676155	-0,009	0,304
CHR6	3976886	CHR6:3976886	SSF x Near_LoA	-9,61317205	0,027	0,312
CHR6	3976958	CHR6:3976958	SSF x Near_LoA	-8,31858591	-0,080	0,313
CHR6	3976966	CHR6:3976966	SSF x Near_LoA	-10,7139367	-0,024	0,299
CHR6	398122	CHR6:398122	SSF x Near_LoA	-9,19342605	-0,032	0,311
CHR6	398151	CHR6:398151	SSF x Near_LoA	-6,90239871	0,122	0,307
CHR6	3994283	CHR6:3994283	SSF x Near_LoA	-9,50921405	0,094	0,309
CHR6	3994336	CHR6:3994336	SSF x Near_LoA	-10,7358382	0,016	0,302
CHR6	4019200	CHR6:4019200	SSF x Near_LoA	-8,41114273	-0,129	0,301
CHR6	4019293	CHR6:4019293	SSF x Near_LoA	-11,4940739	-0,030	0,301
CHR6	4019342	CHR6:4019342	SSF x Near_LoA	-8,79714011	0,069	0,315
CHR6	4019351	CHR6:4019351	SSF x Near_LoA	-9,59730593	0,005	0,322
CHR6	4019367	CHR6:4019367	SSF x Near_LoA	-5,46330094	-0,174	0,309
CHR6	4019374	CHR6:4019374	SSF x Near_LoA	-6,81514023	-0,162	0,302
CHR6	4019399	CHR6:4019399	SSF x Near_LoA	-7,75521895	-0,142	0,291
CHR6	4019439	CHR6:4019439	SSF x Near_LoA	-10,861374	-0,009	0,311
CHR6	4019455	CHR6:4019455	SSF x Near_LoA	-10,113628	-0,038	0,321
CHR6	4023324	CHR6:4023324	SSF x Near_LoA	-9,7378967	-0,006	0,320
CHR6	4023326	CHR6:4023326	SSF x Near_LoA	-10,4939306	-0,035	0,307
CHR6	4023384	CHR6:4023384	SSF x Near_LoA	-2,16095743	0,056	0,322
CHR6	4023392	CHR6:4023392	SSF x Near_LoA	-7,22174599	0,055	0,314
CHR6	4023435	CHR6:4023435	SSF x Near_LoA	-10,7045041	0,017	0,318
CHR6	4023493	CHR6:4023493	SSF x Near_LoA	-9,3072477	0,051	0,304
CHR6	4023497	CHR6:4023497	SSF x Near_LoA	-7,02077456	0,083	0,301
CHR6	4023505	CHR6:4023505	SSF x Near_LoA	-10,3859037	0,021	0,309
CHR6	4023530	CHR6:4023530	SSF x Near_LoA	-9,49401931	-0,011	0,307
CHR6	4023533	CHR6:4023533	SSF x Near_LoA	-7,42541496	0,063	0,316
CHR6	4023557	CHR6:4023557	SSF x Near_LoA	-10,2084927	0,038	0,325
CHR6	4027163	CHR6:4027163	SSF x Near_LoA	-7,45921885	0,019	0,314
CHR6	4027272	CHR6:4027272	SSF x Near_LoA	-8,67553995	0,092	0,308
CHR6	4027285	CHR6:4027285	SSF x Near_LoA	-9,6180429	0,079	0,306
CHR6	4029814	CHR6:4029814	SSF x Near_LoA	-8,6490107	-0,135	0,311
CHR6	4029881	CHR6:4029881	SSF x Near_LoA	-9,67949722	0,023	0,304
CHR6	4029883	CHR6:4029883	SSF x Near_LoA	-10,8821338	0,012	0,317
CHR6	4029907	CHR6:4029907	SSF x Near_LoA	-9,90263557	0,078	0,303
CHR6	4034402	CHR6:4034402	SSF x Near_LoA	-6,70565452	0,112	0,290
CHR6	4034451	CHR6:4034451	SSF x Near_LoA	-9,42948815	0,028	0,313
CHR6	4052597	CHR6:4052597	SSF x Near_LoA	-9,44930954	0,032	0,285
CHR6	4052725	CHR6:4052725	SSF x Near_LoA	-9,9762043	0,033	0,318
CHR6	4052731	CHR6:4052731	SSF x Near_LoA	-9,70520511	-0,112	0,310
CHR6	4052761	CHR6:4052761	SSF x Near_LoA	-9,74055515	0,096	0,294
CHR6	4052772	CHR6:4052772	SSF x Near_LoA	-10,6137875	0,030	0,306
CHR6	4052786	CHR6:4052786	SSF x Near_LoA	-9,43465895	-0,027	0,315
CHR6	406617	CHR6:406617	SSF x Near_LoA	-10,4026761	-0,038	0,312
CHR6	406717	CHR6:406717	SSF x Near_LoA	-10,5732476	0,144	0,282
CHR6	4070156	CHR6:4070156	SSF x Near_LoA	-9,44497362	0,005	0,305
CHR6	4070250	CHR6:4070250	SSF x Near_LoA	-9,54004682	-0,130	0,310
CHR6	4081118	CHR6:4081118	SSF x Near_LoA	-12,2082641	-0,005	0,297
CHR6	4100010	CHR6:4100010	SSF x Near_LoA	-9,89396079	0,043	0,320
CHR6	4104294	CHR6:4104294	SSF x Near_LoA	-9,40329005	-0,051	0,305
CHR6	4104398	CHR6:4104398	SSF x Near_LoA	-7,80797776	-0,058	0,309
CHR6	4104484	CHR6:4104484	SSF x Near_LoA	-8,81649472	-0,047	0,315

CHR6	4116021	CHR6:4116021	SSF x Near_LoA	-9,84566025	-0,063	0,305
CHR6	412727	CHR6:412727	SSF x Near_LoA	-10,2934146	0,107	0,292
CHR6	4133530	CHR6:4133530	SSF x Near_LoA	-9,99506517	0,000	0,299
CHR6	4133545	CHR6:4133545	SSF x Near_LoA	-9,95724976	-0,006	0,304
CHR6	4136922	CHR6:4136922	SSF x Near_LoA	-10,1180412	-0,099	0,303
CHR6	4137008	CHR6:4137008	SSF x Near_LoA	-8,95633889	0,014	0,319
CHR6	4141113	CHR6:4141113	SSF x Near_LoA	-10,3301333	0,064	0,317
CHR6	4156735	CHR6:4156735	SSF x Near_LoA	-9,34145052	0,048	0,317
CHR6	4156841	CHR6:4156841	SSF x Near_LoA	-8,31329151	0,184	0,302
CHR6	4173291	CHR6:4173291	SSF x Near_LoA	-8,58290883	0,089	0,311
CHR6	4173469	CHR6:4173469	SSF x Near_LoA	-7,94233334	0,063	0,320
CHR6	4173511	CHR6:4173511	SSF x Near_LoA	-6,69638503	0,092	0,314
CHR6	4178122	CHR6:4178122	SSF x Near_LoA	-11,915978	0,025	0,316
CHR6	4178181	CHR6:4178181	SSF x Near_LoA	-10,8039731	-0,063	0,300
CHR6	4188221	CHR6:4188221	SSF x Near_LoA	-8,84215728	-0,003	0,315
CHR6	4188278	CHR6:4188278	SSF x Near_LoA	-8,51478672	0,045	0,297
CHR6	4188284	CHR6:4188284	SSF x Near_LoA	-10,129376	-0,051	0,330
CHR6	4188307	CHR6:4188307	SSF x Near_LoA	-11,0447034	0,048	0,302
CHR6	4206354	CHR6:4206354	SSF x Near_LoA	-9,6406418	0,008	0,308
CHR6	4206396	CHR6:4206396	SSF x Near_LoA	-9,30813314	0,019	0,314
CHR6	4207354	CHR6:4207354	SSF x Near_LoA	-10,560179	-0,059	0,306
CHR6	4223848	CHR6:4223848	SSF x Near_LoA	-7,37174311	-0,022	0,308
CHR6	4223909	CHR6:4223909	SSF x Near_LoA	-8,8479984	-0,081	0,306
CHR6	4223952	CHR6:4223952	SSF x Near_LoA	-8,78064923	-0,039	0,300
CHR6	4230775	CHR6:4230775	SSF x Near_LoA	-11,0351987	-0,004	0,317
CHR6	4230910	CHR6:4230910	SSF x Near_LoA	-11,6021168	0,055	0,292
CHR6	4230964	CHR6:4230964	SSF x Near_LoA	-11,0742905	-0,080	0,303
CHR6	4231014	CHR6:4231014	SSF x Near_LoA	-5,97583541	-0,029	0,319
CHR6	4235403	CHR6:4235403	SSF x Near_LoA	-8,33482549	0,012	0,311
CHR6	4235409	CHR6:4235409	SSF x Near_LoA	-8,130045	0,040	0,315
CHR6	4243095	CHR6:4243095	SSF x Near_LoA	-8,98748066	-0,002	0,306
CHR6	425344	CHR6:425344	SSF x Near_LoA	-8,06680156	0,006	0,304
CHR6	425415	CHR6:425415	SSF x Near_LoA	-7,24169194	0,060	0,292
CHR6	4256775	CHR6:4256775	SSF x Near_LoA	-8,07990099	-0,130	0,302
CHR6	4267055	CHR6:4267055	SSF x Near_LoA	-10,873172	0,028	0,309
CHR6	4294617	CHR6:4294617	SSF x Near_LoA	-7,14193954	0,041	0,314
CHR6	4294657	CHR6:4294657	SSF x Near_LoA	-7,80430795	0,095	0,313
CHR6	4295518	CHR6:4295518	SSF x Near_LoA	-7,00484403	-0,073	0,323
CHR6	429925	CHR6:429925	SSF x Near_LoA	-8,97979941	0,017	0,301
CHR6	430014	CHR6:430014	SSF x Near_LoA	-11,8064261	0,063	0,292
CHR6	4302516	CHR6:4302516	SSF x Near_LoA	-10,1558796	0,069	0,299
CHR6	4310174	CHR6:4310174	SSF x Near_LoA	-8,62953463	-0,084	0,310
CHR6	4342564	CHR6:4342564	SSF x Near_LoA	-10,7891908	-0,086	0,309
CHR6	4359968	CHR6:4359968	SSF x Near_LoA	-10,3259325	0,065	0,301
CHR6	4365194	CHR6:4365194	SSF x Near_LoA	-9,47055196	-0,136	0,308
CHR6	4366749	CHR6:4366749	SSF x Near_LoA	-9,65006093	-0,019	0,312
CHR6	4366773	CHR6:4366773	SSF x Near_LoA	-9,6474834	0,061	0,301
CHR6	4366804	CHR6:4366804	SSF x Near_LoA	-5,62528298	-0,056	0,316
CHR6	4366911	CHR6:4366911	SSF x Near_LoA	-9,80383804	-0,069	0,304
CHR6	4371436	CHR6:4371436	SSF x Near_LoA	-10,1020399	0,059	0,308
CHR6	4371593	CHR6:4371593	SSF x Near_LoA	-10,2962561	0,023	0,302
CHR6	4373723	CHR6:4373723	SSF x Near_LoA	-11,5474737	0,018	0,318
CHR6	4393902	CHR6:4393902	SSF x Near_LoA	-10,395252	-0,040	0,310

CHR6	4407704	CHR6:4407704	SSF x Near_LoA	-9,40941584	0,034	0,310
CHR6	4407712	CHR6:4407712	SSF x Near_LoA	-11,6182602	0,033	0,297
CHR6	4407821	CHR6:4407821	SSF x Near_LoA	-9,77083093	-0,029	0,303
CHR6	4407827	CHR6:4407827	SSF x Near_LoA	-9,83316251	0,063	0,297
CHR6	4407831	CHR6:4407831	SSF x Near_LoA	-9,3975574	-0,022	0,303
CHR6	4415050	CHR6:4415050	SSF x Near_LoA	-8,72097796	-0,121	0,298
CHR6	4420902	CHR6:4420902	SSF x Near_LoA	-6,13690699	-0,044	0,311
CHR6	4420955	CHR6:4420955	SSF x Near_LoA	-0,75639683	0,145	0,297
CHR6	4421846	CHR6:4421846	SSF x Near_LoA	-9,07142316	-0,041	0,319
CHR6	44587	CHR6:44587	SSF x Near_LoA	-8,17455448	0,090	0,306
CHR6	4464321	CHR6:4464321	SSF x Near_LoA	-8,95021749	-0,083	0,312
CHR6	4471080	CHR6:4471080	SSF x Near_LoA	-7,84539881	-0,092	0,314
CHR6	4471122	CHR6:4471122	SSF x Near_LoA	-9,90867795	0,021	0,318
CHR6	4474698	CHR6:4474698	SSF x Near_LoA	-9,01772722	0,065	0,303
CHR6	4474718	CHR6:4474718	SSF x Near_LoA	-9,14198599	0,030	0,299
CHR6	4474743	CHR6:4474743	SSF x Near_LoA	-8,98249626	0,039	0,308
CHR6	4474843	CHR6:4474843	SSF x Near_LoA	-10,9047619	0,109	0,308
CHR6	4476005	CHR6:4476005	SSF x Near_LoA	-8,23223199	0,083	0,305
CHR6	4476069	CHR6:4476069	SSF x Near_LoA	-5,13066769	-0,113	0,305
CHR6	4476131	CHR6:4476131	SSF x Near_LoA	-11,2575668	0,018	0,307
CHR6	4478157	CHR6:4478157	SSF x Near_LoA	-8,00722461	0,090	0,309
CHR6	4486377	CHR6:4486377	SSF x Near_LoA	-10,1802525	-0,036	0,311
CHR6	4487010	CHR6:4487010	SSF x Near_LoA	-10,2908517	0,068	0,321
CHR6	4494419	CHR6:4494419	SSF x Near_LoA	-11,3048226	0,060	0,311
CHR6	4494469	CHR6:4494469	SSF x Near_LoA	-9,81034164	-0,012	0,323
CHR6	4494478	CHR6:4494478	SSF x Near_LoA	-8,4737389	-0,033	0,312
CHR6	4494502	CHR6:4494502	SSF x Near_LoA	-11,5632544	-0,046	0,303
CHR6	4518789	CHR6:4518789	SSF x Near_LoA	-8,4361094	0,010	0,314
CHR6	4518858	CHR6:4518858	SSF x Near_LoA	-9,80343553	-0,003	0,326
CHR6	4524281	CHR6:4524281	SSF x Near_LoA	-9,23080354	-0,027	0,303
CHR6	4524325	CHR6:4524325	SSF x Near_LoA	-6,86028751	0,004	0,308
CHR6	4524346	CHR6:4524346	SSF x Near_LoA	-9,00899793	-0,037	0,309
CHR6	4531765	CHR6:4531765	SSF x Near_LoA	-9,96249159	-0,046	0,310
CHR6	4532156	CHR6:4532156	SSF x Near_LoA	-11,0426421	0,026	0,310
CHR6	4532250	CHR6:4532250	SSF x Near_LoA	-5,26610097	-0,034	0,315
CHR6	4532271	CHR6:4532271	SSF x Near_LoA	-10,3250997	-0,156	0,309
CHR6	4554393	CHR6:4554393	SSF x Near_LoA	-9,56317164	0,007	0,328
CHR6	4554449	CHR6:4554449	SSF x Near_LoA	-10,9193981	-0,046	0,310
CHR6	4557629	CHR6:4557629	SSF x Near_LoA	-10,557734	-0,073	0,300
CHR6	4557725	CHR6:4557725	SSF x Near_LoA	-3,71809159	-0,142	0,307
CHR6	4557726	CHR6:4557726	SSF x Near_LoA	-10,0386367	-0,066	0,323
CHR6	4557764	CHR6:4557764	SSF x Near_LoA	-8,98213979	0,014	0,314
CHR6	4557796	CHR6:4557796	SSF x Near_LoA	-6,55632502	0,006	0,310
CHR6	4557817	CHR6:4557817	SSF x Near_LoA	-5,70109536	-0,007	0,295
CHR6	4559122	CHR6:4559122	SSF x Near_LoA	-9,69904702	0,084	0,299
CHR6	4564758	CHR6:4564758	SSF x Near_LoA	-9,19397492	0,081	0,311
CHR6	4564760	CHR6:4564760	SSF x Near_LoA	-9,20768568	-0,035	0,312
CHR6	4565108	CHR6:4565108	SSF x Near_LoA	-9,07207976	0,040	0,308
CHR6	4566890	CHR6:4566890	SSF x Near_LoA	-10,8950671	-0,019	0,307
CHR6	4566963	CHR6:4566963	SSF x Near_LoA	-11,9197469	0,019	0,303
CHR6	4567006	CHR6:4567006	SSF x Near_LoA	-10,7524235	-0,009	0,313
CHR6	4574489	CHR6:4574489	SSF x Near_LoA	-6,70186998	0,074	0,319
CHR6	4586018	CHR6:4586018	SSF x Near_LoA	-6,9665431	-0,092	0,294

CHR6	4586706	CHR6:4586706	SSF x Near_LoA	-10,4841839	-0,046	0,314
CHR6	4586709	CHR6:4586709	SSF x Near_LoA	-9,10481593	0,042	0,310
CHR6	4586712	CHR6:4586712	SSF x Near_LoA	-5,80603061	0,037	0,309
CHR6	4592868	CHR6:4592868	SSF x Near_LoA	-7,98416015	0,105	0,307
CHR6	4592926	CHR6:4592926	SSF x Near_LoA	-7,44405868	0,090	0,313
CHR6	4592933	CHR6:4592933	SSF x Near_LoA	-8,968678	0,001	0,298
CHR6	4592935	CHR6:4592935	SSF x Near_LoA	-7,81468629	0,158	0,316
CHR6	4592937	CHR6:4592937	SSF x Near_LoA	-7,45842788	-0,175	0,297
CHR6	4592940	CHR6:4592940	SSF x Near_LoA	-10,1534687	0,077	0,305
CHR6	4597356	CHR6:4597356	SSF x Near_LoA	-9,19001663	0,112	0,301
CHR6	459944	CHR6:459944	SSF x Near_LoA	-6,64974658	0,100	0,308
CHR6	459949	CHR6:459949	SSF x Near_LoA	-10,3865353	-0,091	0,308
CHR6	459982	CHR6:459982	SSF x Near_LoA	-9,33691558	-0,023	0,314
CHR6	4609987	CHR6:4609987	SSF x Near_LoA	-10,4622408	0,080	0,319
CHR6	4610207	CHR6:4610207	SSF x Near_LoA	-7,81223258	0,231	0,288
CHR6	461816	CHR6:461816	SSF x Near_LoA	-7,51510187	0,000	0,310
CHR6	4629977	CHR6:4629977	SSF x Near_LoA	-7,50022121	-0,110	0,320
CHR6	4633553	CHR6:4633553	SSF x Near_LoA	-9,57787455	-0,014	0,301
CHR6	4633595	CHR6:4633595	SSF x Near_LoA	-8,01889091	-0,123	0,310
CHR6	4633766	CHR6:4633766	SSF x Near_LoA	-6,57419387	-0,001	0,328
CHR6	4633786	CHR6:4633786	SSF x Near_LoA	-11,376474	0,089	0,302
CHR6	4633825	CHR6:4633825	SSF x Near_LoA	-9,38382789	0,110	0,307
CHR6	4636297	CHR6:4636297	SSF x Near_LoA	-11,4273356	-0,039	0,306
CHR6	4638236	CHR6:4638236	SSF x Near_LoA	-10,5819518	-0,026	0,305
CHR6	4643167	CHR6:4643167	SSF x Near_LoA	-10,8590419	0,123	0,286
CHR6	4643314	CHR6:4643314	SSF x Near_LoA	-9,83873927	0,034	0,295
CHR6	4650187	CHR6:4650187	SSF x Near_LoA	-7,30403709	-0,107	0,300
CHR6	4657174	CHR6:4657174	SSF x Near_LoA	-8,10712741	0,007	0,291
CHR6	4667160	CHR6:4667160	SSF x Near_LoA	-9,98760223	-0,033	0,300
CHR6	4673202	CHR6:4673202	SSF x Near_LoA	-9,39429336	-0,019	0,310
CHR6	4677135	CHR6:4677135	SSF x Near_LoA	-9,84599517	0,022	0,309
CHR6	4677220	CHR6:4677220	SSF x Near_LoA	-9,47004285	0,037	0,312
CHR6	468398	CHR6:468398	SSF x Near_LoA	-11,2646955	0,035	0,302
CHR6	4688736	CHR6:4688736	SSF x Near_LoA	-10,3717054	-0,051	0,299
CHR6	4688831	CHR6:4688831	SSF x Near_LoA	-8,33834624	-0,078	0,318
CHR6	4697326	CHR6:4697326	SSF x Near_LoA	-11,5953752	-0,028	0,291
CHR6	4697539	CHR6:4697539	SSF x Near_LoA	-7,5854462	-0,022	0,316
CHR6	4700541	CHR6:4700541	SSF x Near_LoA	-10,1588666	-0,106	0,295
CHR6	4700609	CHR6:4700609	SSF x Near_LoA	-10,2258633	0,005	0,320
CHR6	4700618	CHR6:4700618	SSF x Near_LoA	-9,06170307	-0,048	0,313
CHR6	4700763	CHR6:4700763	SSF x Near_LoA	-6,47612331	-0,068	0,296
CHR6	4702375	CHR6:4702375	SSF x Near_LoA	-8,73959122	0,081	0,292
CHR6	4706656	CHR6:4706656	SSF x Near_LoA	-9,35303765	-0,048	0,304
CHR6	4713200	CHR6:4713200	SSF x Near_LoA	-8,77474319	0,039	0,314
CHR6	4713247	CHR6:4713247	SSF x Near_LoA	-8,67282367	-0,016	0,312
CHR6	4713304	CHR6:4713304	SSF x Near_LoA	-11,3873762	-0,016	0,306
CHR6	4713350	CHR6:4713350	SSF x Near_LoA	-9,28921532	-0,047	0,306
CHR6	4713533	CHR6:4713533	SSF x Near_LoA	-8,394195	0,127	0,302
CHR6	4714876	CHR6:4714876	SSF x Near_LoA	-7,08575359	0,046	0,302
CHR6	4714915	CHR6:4714915	SSF x Near_LoA	-6,70150059	-0,065	0,296
CHR6	4714927	CHR6:4714927	SSF x Near_LoA	-6,79496991	-0,021	0,301
CHR6	4714950	CHR6:4714950	SSF x Near_LoA	-6,95577982	-0,111	0,298
CHR6	4714998	CHR6:4714998	SSF x Near_LoA	-6,81826511	0,133	0,298

CHR6	4715002	CHR6:4715002	SSF x Near_LoA	-6,79821458	0,187	0,296
CHR6	4715007	CHR6:4715007	SSF x Near_LoA	-7,02130474	-0,132	0,296
CHR6	4715019	CHR6:4715019	SSF x Near_LoA	-7,3921314	0,045	0,302
CHR6	4715102	CHR6:4715102	SSF x Near_LoA	-7,41100028	-0,022	0,307
CHR6	4718812	CHR6:4718812	SSF x Near_LoA	-7,70214296	-0,040	0,327
CHR6	4718856	CHR6:4718856	SSF x Near_LoA	-10,5758172	0,002	0,304
CHR6	4741248	CHR6:4741248	SSF x Near_LoA	-10,8696117	-0,027	0,306
CHR6	4741289	CHR6:4741289	SSF x Near_LoA	-8,50939509	-0,051	0,303
CHR6	4753625	CHR6:4753625	SSF x Near_LoA	-8,58479537	-0,049	0,309
CHR6	4753643	CHR6:4753643	SSF x Near_LoA	-7,76013621	-0,121	0,307
CHR6	4761519	CHR6:4761519	SSF x Near_LoA	-9,47837734	-0,069	0,296
CHR6	4761711	CHR6:4761711	SSF x Near_LoA	-9,80462989	-0,002	0,309
CHR6	4770220	CHR6:4770220	SSF x Near_LoA	-11,6244198	0,049	0,311
CHR6	4770357	CHR6:4770357	SSF x Near_LoA	-10,0003782	0,010	0,310
CHR6	4770394	CHR6:4770394	SSF x Near_LoA	-10,3382147	0,119	0,302
CHR6	4772312	CHR6:4772312	SSF x Near_LoA	-8,82396477	0,106	0,302
CHR6	4775363	CHR6:4775363	SSF x Near_LoA	-10,0266942	0,019	0,298
CHR6	4777070	CHR6:4777070	SSF x Near_LoA	-8,85714306	0,080	0,301
CHR6	478598	CHR6:478598	SSF x Near_LoA	-9,44463732	0,040	0,305
CHR6	4792203	CHR6:4792203	SSF x Near_LoA	-7,97867054	-0,125	0,315
CHR6	4792253	CHR6:4792253	SSF x Near_LoA	-10,8786121	-0,040	0,313
CHR6	4792309	CHR6:4792309	SSF x Near_LoA	-8,34606706	-0,150	0,290
CHR6	4800292	CHR6:4800292	SSF x Near_LoA	-8,30323306	0,081	0,324
CHR6	4800426	CHR6:4800426	SSF x Near_LoA	-11,0044231	-0,064	0,290
CHR6	4817166	CHR6:4817166	SSF x Near_LoA	-11,7786471	-0,011	0,320
CHR6	4820684	CHR6:4820684	SSF x Near_LoA	-8,98095389	0,010	0,305
CHR6	4823407	CHR6:4823407	SSF x Near_LoA	-11,0771716	0,034	0,315
CHR6	4825577	CHR6:4825577	SSF x Near_LoA	-7,75789859	-0,126	0,316
CHR6	4825664	CHR6:4825664	SSF x Near_LoA	-9,24131368	-0,003	0,298
CHR6	4825726	CHR6:4825726	SSF x Near_LoA	-7,59790037	-0,057	0,308
CHR6	4825747	CHR6:4825747	SSF x Near_LoA	-10,3101095	-0,017	0,293
CHR6	4830128	CHR6:4830128	SSF x Near_LoA	-7,75962217	0,014	0,312
CHR6	4830129	CHR6:4830129	SSF x Near_LoA	-10,8495237	0,015	0,308
CHR6	4830133	CHR6:4830133	SSF x Near_LoA	-12,1832381	0,003	0,298
CHR6	4830157	CHR6:4830157	SSF x Near_LoA	-5,75541484	-0,165	0,305
CHR6	4830161	CHR6:4830161	SSF x Near_LoA	-10,5168816	0,045	0,314
CHR6	4830187	CHR6:4830187	SSF x Near_LoA	-11,7021712	-0,003	0,306
CHR6	4837256	CHR6:4837256	SSF x Near_LoA	-9,37042955	-0,083	0,295
CHR6	4837384	CHR6:4837384	SSF x Near_LoA	-8,82873761	0,051	0,309
CHR6	4837395	CHR6:4837395	SSF x Near_LoA	-8,79892307	0,094	0,304
CHR6	4837405	CHR6:4837405	SSF x Near_LoA	-3,75439377	0,075	0,308
CHR6	4837414	CHR6:4837414	SSF x Near_LoA	-8,77763636	-0,073	0,315
CHR6	4837420	CHR6:4837420	SSF x Near_LoA	-7,64648507	-0,008	0,303
CHR6	4837427	CHR6:4837427	SSF x Near_LoA	-6,38984268	-0,094	0,305
CHR6	4837432	CHR6:4837432	SSF x Near_LoA	-5,78154752	0,042	0,297
CHR6	4837467	CHR6:4837467	SSF x Near_LoA	-5,50609846	0,056	0,302
CHR6	4839113	CHR6:4839113	SSF x Near_LoA	-10,3010043	0,090	0,323
CHR6	4843507	CHR6:4843507	SSF x Near_LoA	-10,2912719	-0,005	0,315
CHR6	4843541	CHR6:4843541	SSF x Near_LoA	-9,16537536	-0,053	0,309
CHR6	4843543	CHR6:4843543	SSF x Near_LoA	-7,48034578	-0,081	0,324
CHR6	4843737	CHR6:4843737	SSF x Near_LoA	-3,65817859	0,157	0,309
CHR6	4902066	CHR6:4902066	SSF x Near_LoA	-2,89672708	0,247	0,293
CHR6	4905349	CHR6:4905349	SSF x Near_LoA	-9,8708257	-0,008	0,310

CHR6	4906715	CHR6:4906715	SSF x Near_LoA	-8,1951694	0,017	0,302
CHR6	4906843	CHR6:4906843	SSF x Near_LoA	-11,1713902	0,012	0,302
CHR6	4914705	CHR6:4914705	SSF x Near_LoA	-9,26307607	0,092	0,318
CHR6	4916177	CHR6:4916177	SSF x Near_LoA	-10,3367511	-0,073	0,315
CHR6	4916181	CHR6:4916181	SSF x Near_LoA	-7,02042285	0,026	0,311
CHR6	4916187	CHR6:4916187	SSF x Near_LoA	-7,80441192	0,080	0,316
CHR6	4932324	CHR6:4932324	SSF x Near_LoA	-9,28987076	-0,084	0,297
CHR6	4932347	CHR6:4932347	SSF x Near_LoA	-9,8627491	0,055	0,303
CHR6	4932428	CHR6:4932428	SSF x Near_LoA	-7,53144176	-0,063	0,302
CHR6	4932436	CHR6:4932436	SSF x Near_LoA	-6,81158482	0,154	0,304
CHR6	4941156	CHR6:4941156	SSF x Near_LoA	-8,47322606	0,008	0,300
CHR6	4941158	CHR6:4941158	SSF x Near_LoA	-8,15269051	-0,024	0,301
CHR6	4941232	CHR6:4941232	SSF x Near_LoA	-10,0039011	0,005	0,298
CHR6	4941303	CHR6:4941303	SSF x Near_LoA	-9,8403593	-0,073	0,301
CHR6	4949055	CHR6:4949055	SSF x Near_LoA	-9,69428928	0,164	0,316
CHR6	4949062	CHR6:4949062	SSF x Near_LoA	-7,87804566	0,051	0,306
CHR6	4949063	CHR6:4949063	SSF x Near_LoA	-8,94024751	0,100	0,296
CHR6	4949089	CHR6:4949089	SSF x Near_LoA	-7,62381181	0,150	0,300
CHR6	4949273	CHR6:4949273	SSF x Near_LoA	-9,44689285	0,109	0,315
CHR6	4949306	CHR6:4949306	SSF x Near_LoA	-7,8615419	0,046	0,310
CHR6	4949312	CHR6:4949312	SSF x Near_LoA	-8,08838928	-0,110	0,293
CHR6	4949348	CHR6:4949348	SSF x Near_LoA	-8,65542774	0,071	0,321
CHR6	4956212	CHR6:4956212	SSF x Near_LoA	-3,42007135	0,218	0,290
CHR6	4956277	CHR6:4956277	SSF x Near_LoA	-6,51353762	0,183	0,289
CHR6	4956283	CHR6:4956283	SSF x Near_LoA	-6,00295378	0,245	0,286
CHR6	4956293	CHR6:4956293	SSF x Near_LoA	-9,10545676	0,095	0,285
CHR6	4963492	CHR6:4963492	SSF x Near_LoA	-8,86629066	-0,015	0,314
CHR6	4963651	CHR6:4963651	SSF x Near_LoA	-10,9746383	0,009	0,311
CHR6	4963672	CHR6:4963672	SSF x Near_LoA	-10,3903195	0,004	0,311
CHR6	4963855	CHR6:4963855	SSF x Near_LoA	-9,04466023	-0,035	0,310
CHR6	4963857	CHR6:4963857	SSF x Near_LoA	-8,53311654	-0,030	0,321
CHR6	4975656	CHR6:4975656	SSF x Near_LoA	-11,8437068	-0,023	0,308
CHR6	4975839	CHR6:4975839	SSF x Near_LoA	-8,10352082	0,051	0,308
CHR6	4975904	CHR6:4975904	SSF x Near_LoA	-7,57269102	-0,002	0,324
CHR6	4982484	CHR6:4982484	SSF x Near_LoA	-8,26588111	0,025	0,322
CHR6	4982517	CHR6:4982517	SSF x Near_LoA	-11,1678259	-0,001	0,307
CHR6	4982520	CHR6:4982520	SSF x Near_LoA	-11,6866259	0,001	0,314
CHR6	4982567	CHR6:4982567	SSF x Near_LoA	-9,01161903	0,001	0,308
CHR6	4982569	CHR6:4982569	SSF x Near_LoA	-8,55973728	-0,096	0,318
CHR6	4982572	CHR6:4982572	SSF x Near_LoA	-10,7532027	-0,019	0,309
CHR6	4982858	CHR6:4982858	SSF x Near_LoA	-7,53299464	-0,089	0,304
CHR6	4990447	CHR6:4990447	SSF x Near_LoA	-9,71768261	-0,054	0,305
CHR6	4990451	CHR6:4990451	SSF x Near_LoA	-5,88617502	-0,128	0,292
CHR6	4990498	CHR6:4990498	SSF x Near_LoA	-10,2482472	-0,110	0,308
CHR6	4990499	CHR6:4990499	SSF x Near_LoA	-9,3641758	-0,098	0,313
CHR6	4991909	CHR6:4991909	SSF x Near_LoA	-8,04956329	-0,121	0,307
CHR6	4991922	CHR6:4991922	SSF x Near_LoA	-3,45600911	-0,110	0,300
CHR6	4991957	CHR6:4991957	SSF x Near_LoA	-8,6602194	-0,062	0,315
CHR6	4995417	CHR6:4995417	SSF x Near_LoA	-9,64191197	0,057	0,313
CHR6	4995430	CHR6:4995430	SSF x Near_LoA	-9,95486955	-0,037	0,309
CHR6	4995475	CHR6:4995475	SSF x Near_LoA	-10,376047	0,093	0,292
CHR6	4995486	CHR6:4995486	SSF x Near_LoA	-10,8198475	0,065	0,309
CHR6	4995488	CHR6:4995488	SSF x Near_LoA	-7,97343698	0,020	0,307

CHR6	4996630	CHR6:4996630	SSF x Near_LoA	-8,12687772	0,076	0,313
CHR6	4996633	CHR6:4996633	SSF x Near_LoA	-11,6774406	0,063	0,299
CHR6	4996961	CHR6:4996961	SSF x Near_LoA	-10,9582555	-0,044	0,299
CHR6	500221	CHR6:500221	SSF x Near_LoA	-11,479669	0,029	0,300
CHR6	5008311	CHR6:5008311	SSF x Near_LoA	-8,18114017	0,115	0,302
CHR6	5008473	CHR6:5008473	SSF x Near_LoA	-7,53215222	0,158	0,298
CHR6	5008492	CHR6:5008492	SSF x Near_LoA	-11,1038505	-0,022	0,310
CHR6	5008568	CHR6:5008568	SSF x Near_LoA	-6,87309315	-0,152	0,318
CHR6	5012219	CHR6:5012219	SSF x Near_LoA	-10,4167566	-0,106	0,314
CHR6	5012226	CHR6:5012226	SSF x Near_LoA	-7,72694875	-0,081	0,291
CHR6	5012239	CHR6:5012239	SSF x Near_LoA	-8,16258037	0,045	0,315
CHR6	5012277	CHR6:5012277	SSF x Near_LoA	-9,17514842	0,049	0,296
CHR6	5012281	CHR6:5012281	SSF x Near_LoA	-3,8294426	-0,015	0,308
CHR6	5012371	CHR6:5012371	SSF x Near_LoA	-8,94914243	0,046	0,307
CHR6	5012373	CHR6:5012373	SSF x Near_LoA	-5,79955433	-0,143	0,311
CHR6	5012488	CHR6:5012488	SSF x Near_LoA	-7,94939409	0,115	0,309
CHR6	5020832	CHR6:5020832	SSF x Near_LoA	-10,5073369	0,034	0,305
CHR6	5028456	CHR6:5028456	SSF x Near_LoA	-9,68791086	0,011	0,301
CHR6	5028509	CHR6:5028509	SSF x Near_LoA	-7,91304562	-0,064	0,310
CHR6	5028664	CHR6:5028664	SSF x Near_LoA	-8,00891175	-0,045	0,317
CHR6	5028700	CHR6:5028700	SSF x Near_LoA	-6,94735021	0,124	0,300
CHR6	5032467	CHR6:5032467	SSF x Near_LoA	-10,5022267	0,068	0,312
CHR6	5033054	CHR6:5033054	SSF x Near_LoA	-10,4452751	-0,038	0,298
CHR6	5033080	CHR6:5033080	SSF x Near_LoA	-9,45358824	0,038	0,305
CHR6	5033095	CHR6:5033095	SSF x Near_LoA	-7,7896778	-0,118	0,303
CHR6	5033110	CHR6:5033110	SSF x Near_LoA	-9,07151265	0,042	0,313
CHR6	5033122	CHR6:5033122	SSF x Near_LoA	-7,35853762	-0,020	0,305
CHR6	5035458	CHR6:5035458	SSF x Near_LoA	-8,67630058	-0,069	0,296
CHR6	5035468	CHR6:5035468	SSF x Near_LoA	-6,52517645	-0,085	0,295
CHR6	5035519	CHR6:5035519	SSF x Near_LoA	-9,91979287	0,073	0,308
CHR6	5035570	CHR6:5035570	SSF x Near_LoA	-9,40510698	0,002	0,302
CHR6	5035571	CHR6:5035571	SSF x Near_LoA	-9,06027413	-0,052	0,299
CHR6	5035615	CHR6:5035615	SSF x Near_LoA	-10,6605083	0,060	0,308
CHR6	5038490	CHR6:5038490	SSF x Near_LoA	-9,03499303	0,101	0,310
CHR6	5043187	CHR6:5043187	SSF x Near_LoA	-7,29036584	0,101	0,307
CHR6	504723	CHR6:504723	SSF x Near_LoA	-10,7144926	-0,066	0,326
CHR6	5049145	CHR6:5049145	SSF x Near_LoA	-7,41972258	-0,077	0,308
CHR6	5049170	CHR6:5049170	SSF x Near_LoA	-9,18779033	0,064	0,306
CHR6	5049171	CHR6:5049171	SSF x Near_LoA	-8,50065576	-0,120	0,301
CHR6	5049255	CHR6:5049255	SSF x Near_LoA	-7,26515498	-0,063	0,296
CHR6	5064531	CHR6:5064531	SSF x Near_LoA	-10,6366235	-0,009	0,293
CHR6	5064566	CHR6:5064566	SSF x Near_LoA	-9,91470636	-0,145	0,300
CHR6	5064584	CHR6:5064584	SSF x Near_LoA	-8,20377649	0,117	0,313
CHR6	5068062	CHR6:5068062	SSF x Near_LoA	-11,2961371	-0,015	0,292
CHR6	5073544	CHR6:5073544	SSF x Near_LoA	-8,07931921	0,157	0,306
CHR6	5076917	CHR6:5076917	SSF x Near_LoA	-9,33998804	0,032	0,308
CHR6	5076987	CHR6:5076987	SSF x Near_LoA	-7,73579751	-0,074	0,295
CHR6	5077016	CHR6:5077016	SSF x Near_LoA	-9,61123043	0,090	0,314
CHR6	5077045	CHR6:5077045	SSF x Near_LoA	-4,5896896	0,089	0,303
CHR6	5077097	CHR6:5077097	SSF x Near_LoA	-9,46169317	0,002	0,322
CHR6	5077116	CHR6:5077116	SSF x Near_LoA	-9,17297378	0,112	0,302
CHR6	5080193	CHR6:5080193	SSF x Near_LoA	-7,33900741	-0,081	0,301
CHR6	5080302	CHR6:5080302	SSF x Near_LoA	-10,0495077	-0,095	0,311

CHR6	5083468	CHR6:5083468	SSF x Near_LoA	-8,62810412	0,060	0,313
CHR6	5083485	CHR6:5083485	SSF x Near_LoA	-10,7626595	0,097	0,308
CHR6	5083506	CHR6:5083506	SSF x Near_LoA	-9,71747921	0,035	0,305
CHR6	5083651	CHR6:5083651	SSF x Near_LoA	-10,6908538	0,013	0,313
CHR6	5085237	CHR6:5085237	SSF x Near_LoA	-8,35868795	-0,120	0,306
CHR6	5085279	CHR6:5085279	SSF x Near_LoA	-6,8342554	0,066	0,306
CHR6	5085319	CHR6:5085319	SSF x Near_LoA	-8,04787658	0,057	0,314
CHR6	5085491	CHR6:5085491	SSF x Near_LoA	-9,55883188	-0,046	0,319
CHR6	5092643	CHR6:5092643	SSF x Near_LoA	-4,63769726	-0,053	0,314
CHR6	5092683	CHR6:5092683	SSF x Near_LoA	-8,481964	-0,153	0,303
CHR6	5092708	CHR6:5092708	SSF x Near_LoA	-8,51508253	0,072	0,314
CHR6	5094824	CHR6:5094824	SSF x Near_LoA	-10,0134175	0,022	0,314
CHR6	5094920	CHR6:5094920	SSF x Near_LoA	-10,4823521	-0,095	0,279
CHR6	5094928	CHR6:5094928	SSF x Near_LoA	-11,4485864	0,010	0,312
CHR6	5094951	CHR6:5094951	SSF x Near_LoA	-5,82838438	0,072	0,303
CHR6	5094956	CHR6:5094956	SSF x Near_LoA	-9,00605602	-0,053	0,310
CHR6	5103037	CHR6:5103037	SSF x Near_LoA	-5,8233181	-0,111	0,312
CHR6	5103148	CHR6:5103148	SSF x Near_LoA	-6,28998798	-0,008	0,304
CHR6	5108232	CHR6:5108232	SSF x Near_LoA	-11,1136675	-0,102	0,299
CHR6	5108250	CHR6:5108250	SSF x Near_LoA	-10,192611	0,051	0,315
CHR6	5109824	CHR6:5109824	SSF x Near_LoA	-9,36327927	-0,069	0,311
CHR6	5111811	CHR6:5111811	SSF x Near_LoA	-8,3568452	0,035	0,297
CHR6	5116418	CHR6:5116418	SSF x Near_LoA	-9,78781518	-0,077	0,312
CHR6	5116441	CHR6:5116441	SSF x Near_LoA	-10,8756901	0,068	0,296
CHR6	5116445	CHR6:5116445	SSF x Near_LoA	-8,88712689	0,065	0,305
CHR6	5117707	CHR6:5117707	SSF x Near_LoA	-0,68810609	0,083	0,310
CHR6	5119032	CHR6:5119032	SSF x Near_LoA	-10,9521724	-0,035	0,294
CHR6	5125939	CHR6:5125939	SSF x Near_LoA	-11,1511971	0,043	0,296
CHR6	5126053	CHR6:5126053	SSF x Near_LoA	-11,0225145	-0,017	0,304
CHR6	5126138	CHR6:5126138	SSF x Near_LoA	-10,2376775	-0,037	0,301
CHR6	5127764	CHR6:5127764	SSF x Near_LoA	-8,69922279	-0,008	0,303
CHR6	5127808	CHR6:5127808	SSF x Near_LoA	-9,46570524	0,016	0,321
CHR6	5127904	CHR6:5127904	SSF x Near_LoA	-10,6477093	0,011	0,291
CHR6	5127905	CHR6:5127905	SSF x Near_LoA	-10,5482855	0,047	0,314
CHR6	5143438	CHR6:5143438	SSF x Near_LoA	-9,96718782	0,111	0,309
CHR6	5143486	CHR6:5143486	SSF x Near_LoA	-8,53860437	0,009	0,295
CHR6	5145348	CHR6:5145348	SSF x Near_LoA	-10,8869598	-0,131	0,298
CHR6	5151555	CHR6:5151555	SSF x Near_LoA	-8,60947222	-0,054	0,307
CHR6	5163193	CHR6:5163193	SSF x Near_LoA	-9,78965626	0,035	0,313
CHR6	5163213	CHR6:5163213	SSF x Near_LoA	-4,07394288	-0,050	0,303
CHR6	5163255	CHR6:5163255	SSF x Near_LoA	-6,7902596	0,104	0,310
CHR6	5163258	CHR6:5163258	SSF x Near_LoA	-10,5413149	-0,010	0,314
CHR6	5163285	CHR6:5163285	SSF x Near_LoA	-5,87210376	0,163	0,302
CHR6	5163292	CHR6:5163292	SSF x Near_LoA	-6,77230275	0,182	0,290
CHR6	5163329	CHR6:5163329	SSF x Near_LoA	-6,01906853	0,172	0,301
CHR6	5163337	CHR6:5163337	SSF x Near_LoA	-9,59357325	-0,119	0,310
CHR6	5163352	CHR6:5163352	SSF x Near_LoA	-10,083656	0,141	0,300
CHR6	5163375	CHR6:5163375	SSF x Near_LoA	-7,21211621	0,107	0,307
CHR6	5163385	CHR6:5163385	SSF x Near_LoA	-8,15091363	-0,121	0,312
CHR6	5163403	CHR6:5163403	SSF x Near_LoA	-8,77122652	0,054	0,302
CHR6	5163413	CHR6:5163413	SSF x Near_LoA	-6,07357829	0,181	0,300
CHR6	5163415	CHR6:5163415	SSF x Near_LoA	-10,9011953	0,010	0,299
CHR6	5163421	CHR6:5163421	SSF x Near_LoA	-10,9343118	0,069	0,299

CHR6	5184213	CHR6:5184213	SSF x Near_LoA	-6,92921592	-0,091	0,307
CHR6	5184220	CHR6:5184220	SSF x Near_LoA	-10,8769797	-0,021	0,318
CHR6	5184225	CHR6:5184225	SSF x Near_LoA	-10,5744882	0,040	0,331
CHR6	5184228	CHR6:5184228	SSF x Near_LoA	-11,4743702	0,013	0,312
CHR6	5192693	CHR6:5192693	SSF x Near_LoA	-9,52177044	-0,025	0,310
CHR6	5194420	CHR6:5194420	SSF x Near_LoA	-8,32802465	-0,010	0,308
CHR6	5194702	CHR6:5194702	SSF x Near_LoA	-10,3554808	-0,011	0,301
CHR6	5194711	CHR6:5194711	SSF x Near_LoA	-9,61491928	-0,025	0,293
CHR6	520188	CHR6:520188	SSF x Near_LoA	-9,21439767	0,075	0,314
CHR6	520195	CHR6:520195	SSF x Near_LoA	-11,3166329	-0,004	0,316
CHR6	5207782	CHR6:5207782	SSF x Near_LoA	-8,2975213	-0,008	0,334
CHR6	5207845	CHR6:5207845	SSF x Near_LoA	-10,7869221	-0,029	0,309
CHR6	5207929	CHR6:5207929	SSF x Near_LoA	-9,04906768	-0,032	0,314
CHR6	5207952	CHR6:5207952	SSF x Near_LoA	-10,6111838	-0,034	0,303
CHR6	5212652	CHR6:5212652	SSF x Near_LoA	-11,2291531	0,094	0,288
CHR6	5212899	CHR6:5212899	SSF x Near_LoA	-9,20970063	0,097	0,310
CHR6	5228633	CHR6:5228633	SSF x Near_LoA	-11,6450121	-0,002	0,297
CHR6	5238404	CHR6:5238404	SSF x Near_LoA	-4,52975013	-0,059	0,299
CHR6	5264779	CHR6:5264779	SSF x Near_LoA	-10,4925679	0,022	0,306
CHR6	5286869	CHR6:5286869	SSF x Near_LoA	-11,34871	-0,012	0,300
CHR6	5286929	CHR6:5286929	SSF x Near_LoA	-11,3178064	-0,001	0,299
CHR6	5286952	CHR6:5286952	SSF x Near_LoA	-11,0183767	-0,043	0,313
CHR6	5287047	CHR6:5287047	SSF x Near_LoA	-10,2649083	-0,059	0,304
CHR6	5299122	CHR6:5299122	SSF x Near_LoA	-9,4398168	0,079	0,313
CHR6	5299167	CHR6:5299167	SSF x Near_LoA	-8,51989025	-0,041	0,306
CHR6	5312421	CHR6:5312421	SSF x Near_LoA	-10,8842368	-0,012	0,309
CHR6	5312625	CHR6:5312625	SSF x Near_LoA	-7,76302101	0,093	0,300
CHR6	5334556	CHR6:5334556	SSF x Near_LoA	-9,04441257	-0,073	0,312
CHR6	5334655	CHR6:5334655	SSF x Near_LoA	-9,09837111	-0,093	0,308
CHR6	5347771	CHR6:5347771	SSF x Near_LoA	-10,8902591	-0,044	0,309
CHR6	5347812	CHR6:5347812	SSF x Near_LoA	-7,88436887	0,030	0,316
CHR6	5347823	CHR6:5347823	SSF x Near_LoA	-11,2280065	-0,003	0,306
CHR6	5347827	CHR6:5347827	SSF x Near_LoA	-10,9615619	-0,015	0,299
CHR6	5353673	CHR6:5353673	SSF x Near_LoA	-8,63947352	0,009	0,315
CHR6	5353738	CHR6:5353738	SSF x Near_LoA	-9,77805968	0,013	0,315
CHR6	5353740	CHR6:5353740	SSF x Near_LoA	-11,5109538	-0,007	0,309
CHR6	5353742	CHR6:5353742	SSF x Near_LoA	-9,00624936	0,118	0,323
CHR6	5353747	CHR6:5353747	SSF x Near_LoA	-11,7754766	-0,022	0,295
CHR6	5353753	CHR6:5353753	SSF x Near_LoA	-7,2944321	0,070	0,317
CHR6	5353773	CHR6:5353773	SSF x Near_LoA	-10,5831405	0,011	0,312
CHR6	5353775	CHR6:5353775	SSF x Near_LoA	-9,57404533	0,007	0,308
CHR6	5353795	CHR6:5353795	SSF x Near_LoA	-11,3734194	-0,017	0,310
CHR6	5356712	CHR6:5356712	SSF x Near_LoA	-9,47654908	0,057	0,306
CHR6	5363131	CHR6:5363131	SSF x Near_LoA	-10,2902686	-0,027	0,315
CHR6	536615	CHR6:536615	SSF x Near_LoA	-1,52338537	-0,010	0,307
CHR6	536682	CHR6:536682	SSF x Near_LoA	-9,21925338	0,131	0,296
CHR6	5368642	CHR6:5368642	SSF x Near_LoA	-10,6333275	-0,097	0,299
CHR6	5368654	CHR6:5368654	SSF x Near_LoA	-7,61437271	-0,161	0,295
CHR6	5373210	CHR6:5373210	SSF x Near_LoA	-10,1893519	0,064	0,319
CHR6	5373282	CHR6:5373282	SSF x Near_LoA	-9,54953309	0,061	0,309
CHR6	5373360	CHR6:5373360	SSF x Near_LoA	-8,44067813	0,025	0,318
CHR6	5373393	CHR6:5373393	SSF x Near_LoA	-10,8195765	-0,092	0,313
CHR6	5373395	CHR6:5373395	SSF x Near_LoA	-8,46355586	-0,003	0,309

CHR6	5373419	CHR6:5373419	SSF x Near_LoA	-9,7540055	0,013	0,308
CHR6	5380089	CHR6:5380089	SSF x Near_LoA	-10,0869222	0,053	0,311
CHR6	5380187	CHR6:5380187	SSF x Near_LoA	-9,8973627	-0,033	0,310
CHR6	5382101	CHR6:5382101	SSF x Near_LoA	-9,68067849	0,019	0,301
CHR6	5382147	CHR6:5382147	SSF x Near_LoA	-8,33877837	0,018	0,309
CHR6	5382410	CHR6:5382410	SSF x Near_LoA	-10,3654002	0,019	0,310
CHR6	5389585	CHR6:5389585	SSF x Near_LoA	-10,6862103	-0,027	0,303
CHR6	5389685	CHR6:5389685	SSF x Near_LoA	-6,64448712	-0,101	0,311
CHR6	5389687	CHR6:5389687	SSF x Near_LoA	-10,3089184	0,057	0,306
CHR6	5395493	CHR6:5395493	SSF x Near_LoA	-9,41192156	0,123	0,298
CHR6	5395514	CHR6:5395514	SSF x Near_LoA	-7,57573948	-0,126	0,288
CHR6	5395575	CHR6:5395575	SSF x Near_LoA	-10,2767492	-0,002	0,303
CHR6	5395646	CHR6:5395646	SSF x Near_LoA	-8,26283684	0,059	0,307
CHR6	5417100	CHR6:5417100	SSF x Near_LoA	-10,0223299	-0,011	0,295
CHR6	5420458	CHR6:5420458	SSF x Near_LoA	-7,89421992	-0,041	0,320
CHR6	5420569	CHR6:5420569	SSF x Near_LoA	-11,9649873	-0,025	0,311
CHR6	5420597	CHR6:5420597	SSF x Near_LoA	-9,21608971	0,010	0,312
CHR6	5420628	CHR6:5420628	SSF x Near_LoA	-7,87742818	0,000	0,313
CHR6	5426877	CHR6:5426877	SSF x Near_LoA	-9,14376478	0,092	0,312
CHR6	5426954	CHR6:5426954	SSF x Near_LoA	-12,0384937	-0,058	0,311
CHR6	5427012	CHR6:5427012	SSF x Near_LoA	-9,79275023	0,082	0,309
CHR6	5427046	CHR6:5427046	SSF x Near_LoA	-4,71853551	0,035	0,303
CHR6	5436243	CHR6:5436243	SSF x Near_LoA	-9,10882499	-0,082	0,313
CHR6	5442637	CHR6:5442637	SSF x Near_LoA	-9,8742333	0,006	0,309
CHR6	5443297	CHR6:5443297	SSF x Near_LoA	-9,62427804	0,005	0,309
CHR6	5449766	CHR6:5449766	SSF x Near_LoA	-10,6183238	0,016	0,309
CHR6	5449863	CHR6:5449863	SSF x Near_LoA	-7,73679514	-0,125	0,306
CHR6	5449884	CHR6:5449884	SSF x Near_LoA	-10,4671561	0,117	0,304
CHR6	5457361	CHR6:5457361	SSF x Near_LoA	-8,45239548	-0,025	0,310
CHR6	5457371	CHR6:5457371	SSF x Near_LoA	-9,89055227	0,030	0,308
CHR6	5457414	CHR6:5457414	SSF x Near_LoA	-11,2188399	-0,079	0,303
CHR6	5457441	CHR6:5457441	SSF x Near_LoA	-8,57584619	-0,089	0,303
CHR6	5457446	CHR6:5457446	SSF x Near_LoA	-9,57599301	-0,101	0,299
CHR6	5457503	CHR6:5457503	SSF x Near_LoA	-11,540001	0,072	0,298
CHR6	5459200	CHR6:5459200	SSF x Near_LoA	-9,22351308	0,015	0,314
CHR6	5461639	CHR6:5461639	SSF x Near_LoA	-10,0217845	0,028	0,317
CHR6	5461694	CHR6:5461694	SSF x Near_LoA	-8,27116689	-0,077	0,304
CHR6	5461750	CHR6:5461750	SSF x Near_LoA	-10,9026361	0,016	0,295
CHR6	5461751	CHR6:5461751	SSF x Near_LoA	-10,8777248	0,031	0,306
CHR6	5461845	CHR6:5461845	SSF x Near_LoA	-7,64419907	0,026	0,310
CHR6	5463514	CHR6:5463514	SSF x Near_LoA	-7,97512694	0,047	0,314
CHR6	5463518	CHR6:5463518	SSF x Near_LoA	-9,44255707	0,065	0,323
CHR6	5463561	CHR6:5463561	SSF x Near_LoA	-8,97570789	-0,034	0,306
CHR6	5463567	CHR6:5463567	SSF x Near_LoA	-2,94896746	0,006	0,325
CHR6	5463715	CHR6:5463715	SSF x Near_LoA	-9,33906295	0,113	0,298
CHR6	5496207	CHR6:5496207	SSF x Near_LoA	-9,19480637	0,005	0,288
CHR6	5496281	CHR6:5496281	SSF x Near_LoA	-10,8692379	-0,083	0,309
CHR6	5496290	CHR6:5496290	SSF x Near_LoA	-10,7874866	0,010	0,314
CHR6	5496325	CHR6:5496325	SSF x Near_LoA	-8,64453802	0,031	0,323
CHR6	5496326	CHR6:5496326	SSF x Near_LoA	-7,23164823	0,008	0,294
CHR6	5496455	CHR6:5496455	SSF x Near_LoA	-9,55027205	-0,023	0,299
CHR6	5497548	CHR6:5497548	SSF x Near_LoA	-8,06739893	-0,084	0,309
CHR6	5504663	CHR6:5504663	SSF x Near_LoA	-9,35593628	-0,061	0,312

CHR6	5505364	CHR6:5505364	SSF x Near_LoA	-10,2231002	-0,165	0,289
CHR6	5508659	CHR6:5508659	SSF x Near_LoA	-10,5281085	-0,083	0,299
CHR6	5510590	CHR6:5510590	SSF x Near_LoA	-10,6931239	0,027	0,306
CHR6	5511484	CHR6:5511484	SSF x Near_LoA	-11,2953827	-0,036	0,315
CHR6	5515422	CHR6:5515422	SSF x Near_LoA	-11,8716707	0,069	0,308
CHR6	5515432	CHR6:5515432	SSF x Near_LoA	-8,35343224	0,014	0,315
CHR6	5519442	CHR6:5519442	SSF x Near_LoA	-10,567692	-0,113	0,311
CHR6	5528071	CHR6:5528071	SSF x Near_LoA	-10,3260155	-0,025	0,311
CHR6	5530034	CHR6:5530034	SSF x Near_LoA	-10,4470051	0,084	0,302
CHR6	5530109	CHR6:5530109	SSF x Near_LoA	-11,4000408	-0,045	0,308
CHR6	5530275	CHR6:5530275	SSF x Near_LoA	-11,3411155	-0,005	0,318
CHR6	554196	CHR6:554196	SSF x Near_LoA	-10,0005634	0,059	0,315
CHR6	554200	CHR6:554200	SSF x Near_LoA	-4,522677	0,080	0,330
CHR6	5543317	CHR6:5543317	SSF x Near_LoA	-8,79253693	-0,016	0,302
CHR6	5543329	CHR6:5543329	SSF x Near_LoA	-7,88930496	0,092	0,316
CHR6	5543417	CHR6:5543417	SSF x Near_LoA	-9,32665137	0,009	0,312
CHR6	5543530	CHR6:5543530	SSF x Near_LoA	-10,3548714	-0,008	0,311
CHR6	5550252	CHR6:5550252	SSF x Near_LoA	-10,892057	0,067	0,301
CHR6	5550315	CHR6:5550315	SSF x Near_LoA	-7,31161282	-0,179	0,296
CHR6	5550354	CHR6:5550354	SSF x Near_LoA	-9,79008635	-0,148	0,296
CHR6	5550494	CHR6:5550494	SSF x Near_LoA	-9,54222049	-0,068	0,305
CHR6	5556285	CHR6:5556285	SSF x Near_LoA	-8,40966613	-0,041	0,304
CHR6	5558636	CHR6:5558636	SSF x Near_LoA	-10,8036458	-0,075	0,296
CHR6	5561842	CHR6:5561842	SSF x Near_LoA	-7,47045963	0,021	0,323
CHR6	5561916	CHR6:5561916	SSF x Near_LoA	-7,27753218	-0,022	0,300
CHR6	5561925	CHR6:5561925	SSF x Near_LoA	-11,1080258	0,062	0,317
CHR6	5562015	CHR6:5562015	SSF x Near_LoA	-6,08541865	-0,063	0,309
CHR6	5562018	CHR6:5562018	SSF x Near_LoA	-9,63440734	-0,035	0,294
CHR6	5562021	CHR6:5562021	SSF x Near_LoA	-7,28021914	0,061	0,321
CHR6	557389	CHR6:557389	SSF x Near_LoA	-9,7042474	-0,067	0,302
CHR6	5574941	CHR6:5574941	SSF x Near_LoA	-10,692654	-0,146	0,306
CHR6	5575522	CHR6:5575522	SSF x Near_LoA	-9,47475582	-0,084	0,299
CHR6	5575525	CHR6:5575525	SSF x Near_LoA	-7,97706544	0,005	0,315
CHR6	5577234	CHR6:5577234	SSF x Near_LoA	-7,75557402	-0,010	0,312
CHR6	5577238	CHR6:5577238	SSF x Near_LoA	-5,74004545	-0,106	0,315
CHR6	5581227	CHR6:5581227	SSF x Near_LoA	-8,37198311	-0,093	0,319
CHR6	5581342	CHR6:5581342	SSF x Near_LoA	-9,05184672	0,071	0,310
CHR6	5581473	CHR6:5581473	SSF x Near_LoA	-8,08016166	-0,063	0,315
CHR6	5589112	CHR6:5589112	SSF x Near_LoA	-8,99354204	-0,133	0,309
CHR6	5592700	CHR6:5592700	SSF x Near_LoA	-11,9809054	0,077	0,299
CHR6	5596069	CHR6:5596069	SSF x Near_LoA	-10,5001846	0,006	0,301
CHR6	5596115	CHR6:5596115	SSF x Near_LoA	-8,65304411	0,015	0,295
CHR6	5599562	CHR6:5599562	SSF x Near_LoA	-8,90022934	0,002	0,302
CHR6	5599575	CHR6:5599575	SSF x Near_LoA	-9,10741493	0,067	0,311
CHR6	5599652	CHR6:5599652	SSF x Near_LoA	-7,86249835	-0,033	0,314
CHR6	5599653	CHR6:5599653	SSF x Near_LoA	-8,79163062	-0,031	0,317
CHR6	5601187	CHR6:5601187	SSF x Near_LoA	-8,05722844	0,079	0,316
CHR6	5601218	CHR6:5601218	SSF x Near_LoA	-8,55476278	0,058	0,303
CHR6	5601286	CHR6:5601286	SSF x Near_LoA	-9,47471199	0,078	0,307
CHR6	5608991	CHR6:5608991	SSF x Near_LoA	-9,10655811	-0,152	0,312
CHR6	5609021	CHR6:5609021	SSF x Near_LoA	-8,89146841	-0,017	0,292
CHR6	5609043	CHR6:5609043	SSF x Near_LoA	-9,30455542	-0,098	0,314
CHR6	5624501	CHR6:5624501	SSF x Near_LoA	-7,25181953	0,034	0,304

CHR6	5624521	CHR6:5624521	SSF x Near_LoA	-6,80395506	0,137	0,302
CHR6	5624563	CHR6:5624563	SSF x Near_LoA	-8,48805725	-0,082	0,303
CHR6	5634677	CHR6:5634677	SSF x Near_LoA	-9,82373537	0,092	0,316
CHR6	564789	CHR6:564789	SSF x Near_LoA	-8,2463379	0,083	0,295
CHR6	564798	CHR6:564798	SSF x Near_LoA	-11,2670911	-0,078	0,321
CHR6	564811	CHR6:564811	SSF x Near_LoA	-11,9808205	-0,013	0,309
CHR6	564847	CHR6:564847	SSF x Near_LoA	-9,42764568	-0,032	0,297
CHR6	564882	CHR6:564882	SSF x Near_LoA	-8,94472533	-0,076	0,295
CHR6	5650330	CHR6:5650330	SSF x Near_LoA	-10,0921385	0,039	0,322
CHR6	5652957	CHR6:5652957	SSF x Near_LoA	-9,36628845	0,008	0,308
CHR6	5653005	CHR6:5653005	SSF x Near_LoA	-9,48805814	-0,097	0,299
CHR6	5667693	CHR6:5667693	SSF x Near_LoA	-9,26881051	-0,083	0,309
CHR6	5667742	CHR6:5667742	SSF x Near_LoA	-4,30427923	0,113	0,303
CHR6	5667799	CHR6:5667799	SSF x Near_LoA	-10,5225127	-0,118	0,297
CHR6	5676964	CHR6:5676964	SSF x Near_LoA	-4,87839921	0,099	0,307
CHR6	5676983	CHR6:5676983	SSF x Near_LoA	-8,47533641	-0,068	0,323
CHR6	5682135	CHR6:5682135	SSF x Near_LoA	-10,0012014	-0,037	0,305
CHR6	5686210	CHR6:5686210	SSF x Near_LoA	-2,97634281	0,060	0,310
CHR6	5686213	CHR6:5686213	SSF x Near_LoA	-9,05129011	-0,023	0,329
CHR6	5686352	CHR6:5686352	SSF x Near_LoA	-10,545021	-0,020	0,300
CHR6	5686380	CHR6:5686380	SSF x Near_LoA	-9,4833112	-0,028	0,320
CHR6	5686393	CHR6:5686393	SSF x Near_LoA	-8,68127982	-0,108	0,306
CHR6	5686446	CHR6:5686446	SSF x Near_LoA	-8,38769633	-0,086	0,316
CHR6	5691946	CHR6:5691946	SSF x Near_LoA	-9,30809103	-0,020	0,314
CHR6	5692016	CHR6:5692016	SSF x Near_LoA	-10,1929759	-0,109	0,304
CHR6	5694101	CHR6:5694101	SSF x Near_LoA	-9,9770116	-0,134	0,310
CHR6	5705106	CHR6:5705106	SSF x Near_LoA	-11,2618329	-0,038	0,306
CHR6	5705121	CHR6:5705121	SSF x Near_LoA	-9,85511542	0,039	0,295
CHR6	5705200	CHR6:5705200	SSF x Near_LoA	-0,59049351	0,157	0,293
CHR6	5705290	CHR6:5705290	SSF x Near_LoA	-10,1596547	0,034	0,296
CHR6	5714702	CHR6:5714702	SSF x Near_LoA	-5,32077757	-0,117	0,312
CHR6	5721372	CHR6:5721372	SSF x Near_LoA	-12,2730397	0,082	0,292
CHR6	5722411	CHR6:5722411	SSF x Near_LoA	-8,34672653	-0,029	0,318
CHR6	5726441	CHR6:5726441	SSF x Near_LoA	-9,96049539	-0,002	0,320
CHR6	5726512	CHR6:5726512	SSF x Near_LoA	-9,61781503	0,054	0,295
CHR6	5739160	CHR6:5739160	SSF x Near_LoA	-10,6893719	-0,095	0,304
CHR6	5739187	CHR6:5739187	SSF x Near_LoA	-7,81853125	-0,145	0,299
CHR6	5740816	CHR6:5740816	SSF x Near_LoA	-11,250597	-0,013	0,303
CHR6	5740840	CHR6:5740840	SSF x Near_LoA	-9,15149736	0,068	0,302
CHR6	5740870	CHR6:5740870	SSF x Near_LoA	-9,88075002	0,089	0,311
CHR6	5740982	CHR6:5740982	SSF x Near_LoA	-9,21845728	-0,003	0,314
CHR6	5740983	CHR6:5740983	SSF x Near_LoA	-8,49677693	0,004	0,324
CHR6	5740984	CHR6:5740984	SSF x Near_LoA	-10,5603646	-0,015	0,309
CHR6	5741013	CHR6:5741013	SSF x Near_LoA	-10,8444242	-0,028	0,298
CHR6	5746873	CHR6:5746873	SSF x Near_LoA	-7,78861249	-0,081	0,310
CHR6	5750295	CHR6:5750295	SSF x Near_LoA	-10,4857533	-0,108	0,303
CHR6	5751483	CHR6:5751483	SSF x Near_LoA	-6,65581151	0,082	0,311
CHR6	5751574	CHR6:5751574	SSF x Near_LoA	-9,36138285	0,002	0,298
CHR6	5751592	CHR6:5751592	SSF x Near_LoA	-10,9826199	0,013	0,316
CHR6	5771297	CHR6:5771297	SSF x Near_LoA	-7,16629697	-0,170	0,299
CHR6	5771453	CHR6:5771453	SSF x Near_LoA	-9,29445604	-0,156	0,305
CHR6	5773196	CHR6:5773196	SSF x Near_LoA	-8,77643542	-0,083	0,304
CHR6	5776023	CHR6:5776023	SSF x Near_LoA	-9,95118738	-0,044	0,307

CHR6	5776217	CHR6:5776217	SSF x Near_LoA	-8,92129101	-0,028	0,310
CHR6	5776251	CHR6:5776251	SSF x Near_LoA	-9,78198839	0,010	0,314
CHR6	5780239	CHR6:5780239	SSF x Near_LoA	-9,69841074	-0,010	0,295
CHR6	5780364	CHR6:5780364	SSF x Near_LoA	-10,9317693	0,040	0,305
CHR6	5780458	CHR6:5780458	SSF x Near_LoA	-3,01399868	-0,148	0,309
CHR6	5791988	CHR6:5791988	SSF x Near_LoA	-11,0351452	0,043	0,298
CHR6	5796207	CHR6:5796207	SSF x Near_LoA	-8,03381446	-0,042	0,293
CHR6	5796264	CHR6:5796264	SSF x Near_LoA	-7,51112342	0,032	0,305
CHR6	5796435	CHR6:5796435	SSF x Near_LoA	-8,96923627	0,041	0,302
CHR6	5805829	CHR6:5805829	SSF x Near_LoA	-8,40032688	-0,017	0,309
CHR6	5805871	CHR6:5805871	SSF x Near_LoA	-9,48372492	0,057	0,304
CHR6	5806149	CHR6:5806149	SSF x Near_LoA	-11,2027818	-0,054	0,298
CHR6	5806221	CHR6:5806221	SSF x Near_LoA	-2,73458066	-0,051	0,312
CHR6	5806229	CHR6:5806229	SSF x Near_LoA	-10,7541536	-0,103	0,304
CHR6	5809479	CHR6:5809479	SSF x Near_LoA	-9,16785265	-0,095	0,306
CHR6	5813366	CHR6:5813366	SSF x Near_LoA	-10,4025811	-0,030	0,298
CHR6	5813405	CHR6:5813405	SSF x Near_LoA	-9,73767318	-0,163	0,299
CHR6	5813448	CHR6:5813448	SSF x Near_LoA	-9,12134126	-0,101	0,311
CHR6	5813478	CHR6:5813478	SSF x Near_LoA	-11,1633061	0,016	0,303
CHR6	5813479	CHR6:5813479	SSF x Near_LoA	-10,7797535	0,034	0,314
CHR6	5819039	CHR6:5819039	SSF x Near_LoA	-11,0023668	-0,023	0,312
CHR6	5819108	CHR6:5819108	SSF x Near_LoA	-8,44913127	0,056	0,313
CHR6	5823225	CHR6:5823225	SSF x Near_LoA	-11,3035103	0,081	0,313
CHR6	5823311	CHR6:5823311	SSF x Near_LoA	-10,4032297	-0,004	0,305
CHR6	5829299	CHR6:5829299	SSF x Near_LoA	-9,6241429	-0,001	0,314
CHR6	5829420	CHR6:5829420	SSF x Near_LoA	-9,28019692	0,035	0,307
CHR6	5829431	CHR6:5829431	SSF x Near_LoA	-7,78987902	-0,161	0,292
CHR6	5837357	CHR6:5837357	SSF x Near_LoA	-9,31422937	-0,054	0,308
CHR6	5837371	CHR6:5837371	SSF x Near_LoA	-6,89629235	0,095	0,312
CHR6	5837372	CHR6:5837372	SSF x Near_LoA	-11,5785608	-0,039	0,315
CHR6	5837444	CHR6:5837444	SSF x Near_LoA	-9,7591617	-0,076	0,302
CHR6	5837473	CHR6:5837473	SSF x Near_LoA	-9,38132524	-0,013	0,306
CHR6	5840001	CHR6:5840001	SSF x Near_LoA	-10,3341698	0,156	0,297
CHR6	5845510	CHR6:5845510	SSF x Near_LoA	-9,96652329	-0,006	0,307
CHR6	5851255	CHR6:5851255	SSF x Near_LoA	-8,19525133	-0,104	0,308
CHR6	5851262	CHR6:5851262	SSF x Near_LoA	-4,59124227	0,100	0,318
CHR6	5851292	CHR6:5851292	SSF x Near_LoA	-6,83566413	-0,191	0,290
CHR6	5851305	CHR6:5851305	SSF x Near_LoA	-8,30413259	0,028	0,303
CHR6	5851321	CHR6:5851321	SSF x Near_LoA	-7,30476922	0,096	0,302
CHR6	5851322	CHR6:5851322	SSF x Near_LoA	-9,06590371	0,089	0,302
CHR6	5851391	CHR6:5851391	SSF x Near_LoA	-8,63998979	0,091	0,295
CHR6	5851414	CHR6:5851414	SSF x Near_LoA	-7,35733681	-0,164	0,304
CHR6	5863450	CHR6:5863450	SSF x Near_LoA	-7,22940793	0,010	0,316
CHR6	5863452	CHR6:5863452	SSF x Near_LoA	-8,233453	0,034	0,311
CHR6	5866277	CHR6:5866277	SSF x Near_LoA	-10,2706761	0,053	0,303
CHR6	5866335	CHR6:5866335	SSF x Near_LoA	-7,1060763	-0,053	0,298
CHR6	5868413	CHR6:5868413	SSF x Near_LoA	-3,83720849	0,185	0,302
CHR6	5868416	CHR6:5868416	SSF x Near_LoA	1,2310913	0,149	0,300
CHR6	5871564	CHR6:5871564	SSF x Near_LoA	-4,62681083	0,120	0,296
CHR6	5871616	CHR6:5871616	SSF x Near_LoA	-9,01887031	0,055	0,303
CHR6	5874364	CHR6:5874364	SSF x Near_LoA	-10,8033063	-0,075	0,296
CHR6	5875796	CHR6:5875796	SSF x Near_LoA	-7,34431244	-0,035	0,317
CHR6	5884605	CHR6:5884605	SSF x Near_LoA	-8,70148697	0,008	0,309

CHR6	5885042	CHR6:5885042	SSF x Near_LoA	-3,58330579	-0,040	0,311
CHR6	5885056	CHR6:5885056	SSF x Near_LoA	-8,49262443	0,117	0,296
CHR6	5888036	CHR6:5888036	SSF x Near_LoA	-9,88402637	-0,063	0,314
CHR6	5888096	CHR6:5888096	SSF x Near_LoA	-6,32079659	-0,149	0,307
CHR6	5891490	CHR6:5891490	SSF x Near_LoA	-10,3246258	-0,114	0,305
CHR6	5896375	CHR6:5896375	SSF x Near_LoA	-7,97259584	0,134	0,307
CHR6	5896405	CHR6:5896405	SSF x Near_LoA	-11,0064218	0,084	0,318
CHR6	5896495	CHR6:5896495	SSF x Near_LoA	-4,22000744	0,239	0,282
CHR6	5897643	CHR6:5897643	SSF x Near_LoA	-11,4959531	0,000	0,314
CHR6	5902146	CHR6:5902146	SSF x Near_LoA	-8,17021705	0,115	0,295
CHR6	5902154	CHR6:5902154	SSF x Near_LoA	-9,35843003	0,040	0,305
CHR6	5902231	CHR6:5902231	SSF x Near_LoA	-9,80366159	-0,007	0,292
CHR6	5902235	CHR6:5902235	SSF x Near_LoA	-8,54428823	0,119	0,289
CHR6	5902244	CHR6:5902244	SSF x Near_LoA	-7,17227442	-0,145	0,300
CHR6	5902375	CHR6:5902375	SSF x Near_LoA	-8,85749613	-0,087	0,295
CHR6	5904307	CHR6:5904307	SSF x Near_LoA	-10,7699092	-0,024	0,312
CHR6	5904806	CHR6:5904806	SSF x Near_LoA	-6,09006983	-0,004	0,303
CHR6	5904836	CHR6:5904836	SSF x Near_LoA	-8,25191874	-0,096	0,296
CHR6	5904863	CHR6:5904863	SSF x Near_LoA	-8,62752092	-0,067	0,296
CHR6	5904866	CHR6:5904866	SSF x Near_LoA	-6,37430733	-0,018	0,316
CHR6	5904879	CHR6:5904879	SSF x Near_LoA	-7,0610321	-0,036	0,305
CHR6	5915479	CHR6:5915479	SSF x Near_LoA	-10,6065645	0,015	0,309
CHR6	5915497	CHR6:5915497	SSF x Near_LoA	-6,78099341	-0,081	0,310
CHR6	5915515	CHR6:5915515	SSF x Near_LoA	-6,89365229	-0,166	0,288
CHR6	5915519	CHR6:5915519	SSF x Near_LoA	-9,33896804	-0,062	0,311
CHR6	5915531	CHR6:5915531	SSF x Near_LoA	-10,4188048	-0,025	0,315
CHR6	5915566	CHR6:5915566	SSF x Near_LoA	-7,01720765	0,120	0,314
CHR6	5915727	CHR6:5915727	SSF x Near_LoA	-7,45015563	-0,131	0,312
CHR6	59178	CHR6:59178	SSF x Near_LoA	-7,60827746	-0,023	0,306
CHR6	5919770	CHR6:5919770	SSF x Near_LoA	-10,6132244	-0,025	0,309
CHR6	5919860	CHR6:5919860	SSF x Near_LoA	-10,5628411	-0,005	0,298
CHR6	5919863	CHR6:5919863	SSF x Near_LoA	-7,74024011	0,148	0,293
CHR6	59199	CHR6:59199	SSF x Near_LoA	-8,74981024	-0,018	0,306
CHR6	5920629	CHR6:5920629	SSF x Near_LoA	-8,75818065	-0,071	0,303
CHR6	5920676	CHR6:5920676	SSF x Near_LoA	-10,2462475	-0,026	0,318
CHR6	592223	CHR6:592223	SSF x Near_LoA	-11,2716526	0,031	0,308
CHR6	5922533	CHR6:5922533	SSF x Near_LoA	-6,04608454	-0,067	0,323
CHR6	592427	CHR6:592427	SSF x Near_LoA	-10,0938214	-0,010	0,312
CHR6	592442	CHR6:592442	SSF x Near_LoA	-9,04503461	0,111	0,303
CHR6	592493	CHR6:592493	SSF x Near_LoA	-10,4141039	0,062	0,303
CHR6	59265	CHR6:59265	SSF x Near_LoA	-3,35920562	0,039	0,312
CHR6	5932576	CHR6:5932576	SSF x Near_LoA	-10,7595124	-0,069	0,310
CHR6	5932594	CHR6:5932594	SSF x Near_LoA	-7,64827314	-0,064	0,320
CHR6	5932710	CHR6:5932710	SSF x Near_LoA	-8,67403823	-0,066	0,308
CHR6	5935567	CHR6:5935567	SSF x Near_LoA	-9,57766099	-0,117	0,307
CHR6	5935596	CHR6:5935596	SSF x Near_LoA	-9,42752601	-0,026	0,311
CHR6	5935635	CHR6:5935635	SSF x Near_LoA	-8,2251575	-0,102	0,321
CHR6	5935667	CHR6:5935667	SSF x Near_LoA	-6,09252155	0,168	0,293
CHR6	5936612	CHR6:5936612	SSF x Near_LoA	-10,9490151	-0,078	0,304
CHR6	5936613	CHR6:5936613	SSF x Near_LoA	-9,13434818	-0,065	0,312
CHR6	5937771	CHR6:5937771	SSF x Near_LoA	-8,82469225	0,166	0,314
CHR6	5937861	CHR6:5937861	SSF x Near_LoA	-10,7747469	0,006	0,312
CHR6	59383	CHR6:59383	SSF x Near_LoA	-10,1594517	-0,023	0,308

CHR6	5948418	CHR6:5948418	SSF x Near_LoA	-8,43405204	-0,090	0,302
CHR6	5948444	CHR6:5948444	SSF x Near_LoA	-9,81350263	-0,007	0,319
CHR6	5948451	CHR6:5948451	SSF x Near_LoA	-3,65114393	-0,143	0,304
CHR6	5948599	CHR6:5948599	SSF x Near_LoA	-7,63989926	0,114	0,313
CHR6	5948670	CHR6:5948670	SSF x Near_LoA	-8,52000551	-0,078	0,311
CHR6	5948675	CHR6:5948675	SSF x Near_LoA	-10,9379542	-0,046	0,304
CHR6	5948677	CHR6:5948677	SSF x Near_LoA	-8,02519238	-0,079	0,308
CHR6	5948688	CHR6:5948688	SSF x Near_LoA	-8,47383829	0,050	0,317
CHR6	5953092	CHR6:5953092	SSF x Near_LoA	-9,29275918	0,135	0,302
CHR6	5956505	CHR6:5956505	SSF x Near_LoA	-8,65031253	-0,135	0,314
CHR6	5956720	CHR6:5956720	SSF x Near_LoA	-8,5089528	-0,076	0,312
CHR6	5959258	CHR6:5959258	SSF x Near_LoA	-7,69823023	-0,039	0,304
CHR6	5959260	CHR6:5959260	SSF x Near_LoA	-11,0135632	-0,009	0,310
CHR6	5959268	CHR6:5959268	SSF x Near_LoA	-8,85418722	-0,043	0,311
CHR6	5959270	CHR6:5959270	SSF x Near_LoA	-8,80110584	-0,131	0,301
CHR6	5959472	CHR6:5959472	SSF x Near_LoA	-10,3478344	-0,040	0,320
CHR6	5979671	CHR6:5979671	SSF x Near_LoA	-10,3494114	-0,079	0,308
CHR6	5980845	CHR6:5980845	SSF x Near_LoA	-11,0339068	-0,052	0,309
CHR6	5983778	CHR6:5983778	SSF x Near_LoA	-6,92509794	0,016	0,310
CHR6	5983793	CHR6:5983793	SSF x Near_LoA	-8,93872862	0,039	0,302
CHR6	5986227	CHR6:5986227	SSF x Near_LoA	-8,22159379	0,047	0,303
CHR6	5986386	CHR6:5986386	SSF x Near_LoA	-8,52675403	0,091	0,298
CHR6	5998667	CHR6:5998667	SSF x Near_LoA	-6,09600805	-0,070	0,304
CHR6	5998669	CHR6:5998669	SSF x Near_LoA	-9,40517397	0,099	0,304
CHR6	5998677	CHR6:5998677	SSF x Near_LoA	-11,3962032	0,072	0,321
CHR6	5998683	CHR6:5998683	SSF x Near_LoA	-9,59140499	0,036	0,304
CHR6	5998686	CHR6:5998686	SSF x Near_LoA	-8,54828248	-0,088	0,310
CHR6	5998702	CHR6:5998702	SSF x Near_LoA	-10,7677933	0,143	0,302
CHR6	5998707	CHR6:5998707	SSF x Near_LoA	-7,96780623	-0,111	0,306
CHR6	5998736	CHR6:5998736	SSF x Near_LoA	-10,2003669	0,072	0,315
CHR6	5998769	CHR6:5998769	SSF x Near_LoA	-10,4716163	-0,078	0,289
CHR6	6003124	CHR6:6003124	SSF x Near_LoA	-9,78623048	-0,056	0,317
CHR6	6005351	CHR6:6005351	SSF x Near_LoA	-10,5017243	-0,019	0,313
CHR6	6008918	CHR6:6008918	SSF x Near_LoA	-10,7672252	-0,028	0,309
CHR6	6008926	CHR6:6008926	SSF x Near_LoA	-9,60902922	-0,047	0,307
CHR6	6009050	CHR6:6009050	SSF x Near_LoA	-11,0120838	0,034	0,309
CHR6	6009093	CHR6:6009093	SSF x Near_LoA	-10,7219136	0,033	0,302
CHR6	6009097	CHR6:6009097	SSF x Near_LoA	-9,27536204	0,024	0,308
CHR6	6009101	CHR6:6009101	SSF x Near_LoA	-8,29118208	0,088	0,313
CHR6	6018174	CHR6:6018174	SSF x Near_LoA	-2,18229826	-0,018	0,298
CHR6	6018259	CHR6:6018259	SSF x Near_LoA	-7,01847941	0,087	0,305
CHR6	6018695	CHR6:6018695	SSF x Near_LoA	-10,536036	0,012	0,300
CHR6	6027818	CHR6:6027818	SSF x Near_LoA	-8,97149131	0,085	0,303
CHR6	6035139	CHR6:6035139	SSF x Near_LoA	-0,63915158	-0,238	0,299
CHR6	6040291	CHR6:6040291	SSF x Near_LoA	-7,69209395	-0,011	0,307
CHR6	6040302	CHR6:6040302	SSF x Near_LoA	-10,0013608	0,037	0,308
CHR6	6045140	CHR6:6045140	SSF x Near_LoA	-9,99593826	-0,022	0,301
CHR6	6045803	CHR6:6045803	SSF x Near_LoA	-7,17334385	0,012	0,312
CHR6	6045845	CHR6:6045845	SSF x Near_LoA	-9,17764721	-0,088	0,298
CHR6	6045890	CHR6:6045890	SSF x Near_LoA	-10,4920365	0,038	0,297
CHR6	6045913	CHR6:6045913	SSF x Near_LoA	-1,91320206	-0,116	0,298
CHR6	6049904	CHR6:6049904	SSF x Near_LoA	-10,5640347	-0,051	0,316
CHR6	6050014	CHR6:6050014	SSF x Near_LoA	-8,84327469	-0,059	0,296

CHR6	6050231	CHR6:6050231	SSF x Near_LoA	-9,70334376	0,071	0,309
CHR6	6057133	CHR6:6057133	SSF x Near_LoA	-8,04620238	-0,095	0,294
CHR6	6057134	CHR6:6057134	SSF x Near_LoA	-8,52005573	-0,086	0,303
CHR6	6059182	CHR6:6059182	SSF x Near_LoA	-9,02093351	-0,042	0,302
CHR6	6064473	CHR6:6064473	SSF x Near_LoA	-9,19778221	-0,081	0,298
CHR6	6064487	CHR6:6064487	SSF x Near_LoA	-8,49313209	-0,102	0,307
CHR6	6064515	CHR6:6064515	SSF x Near_LoA	-6,3301816	0,157	0,295
CHR6	6066589	CHR6:6066589	SSF x Near_LoA	-7,12158214	0,167	0,306
CHR6	6068439	CHR6:6068439	SSF x Near_LoA	-7,47064483	0,090	0,300
CHR6	6071434	CHR6:6071434	SSF x Near_LoA	-8,55679817	0,150	0,293
CHR6	6079587	CHR6:6079587	SSF x Near_LoA	-11,6238277	0,045	0,324
CHR6	6086397	CHR6:6086397	SSF x Near_LoA	-10,1731033	-0,117	0,326
CHR6	6092311	CHR6:6092311	SSF x Near_LoA	-8,47803787	0,075	0,294
CHR6	6092380	CHR6:6092380	SSF x Near_LoA	-5,58151505	0,016	0,305
CHR6	6092386	CHR6:6092386	SSF x Near_LoA	-11,9017949	-0,009	0,308
CHR6	6098734	CHR6:6098734	SSF x Near_LoA	-8,85019116	0,041	0,321
CHR6	6103150	CHR6:6103150	SSF x Near_LoA	-9,6498897	0,081	0,314
CHR6	6103191	CHR6:6103191	SSF x Near_LoA	-9,19696653	0,037	0,299
CHR6	611873	CHR6:611873	SSF x Near_LoA	-10,7464134	-0,046	0,318
CHR6	6127818	CHR6:6127818	SSF x Near_LoA	-7,39126303	0,199	0,301
CHR6	6127868	CHR6:6127868	SSF x Near_LoA	-8,4104538	-0,110	0,295
CHR6	6127987	CHR6:6127987	SSF x Near_LoA	-9,21855834	0,005	0,303
CHR6	6128668	CHR6:6128668	SSF x Near_LoA	-8,78127256	0,044	0,307
CHR6	6128715	CHR6:6128715	SSF x Near_LoA	-9,44760252	0,013	0,314
CHR6	6128736	CHR6:6128736	SSF x Near_LoA	-7,63479493	0,025	0,306
CHR6	6133911	CHR6:6133911	SSF x Near_LoA	-11,8001352	-0,003	0,303
CHR6	6133940	CHR6:6133940	SSF x Near_LoA	-11,0161666	0,009	0,302
CHR6	6137715	CHR6:6137715	SSF x Near_LoA	-8,93376294	-0,059	0,310
CHR6	6137724	CHR6:6137724	SSF x Near_LoA	-6,34041597	-0,090	0,313
CHR6	6137745	CHR6:6137745	SSF x Near_LoA	-6,82016946	-0,064	0,304
CHR6	6137746	CHR6:6137746	SSF x Near_LoA	-8,47594611	-0,085	0,305
CHR6	6138997	CHR6:6138997	SSF x Near_LoA	-8,46902067	-0,063	0,313
CHR6	6139005	CHR6:6139005	SSF x Near_LoA	-9,41504152	0,004	0,305
CHR6	6139048	CHR6:6139048	SSF x Near_LoA	-8,26130536	-0,084	0,316
CHR6	6143181	CHR6:6143181	SSF x Near_LoA	-9,99650193	0,070	0,320
CHR6	6143310	CHR6:6143310	SSF x Near_LoA	-8,61112389	0,010	0,306
CHR6	6159806	CHR6:6159806	SSF x Near_LoA	-11,0287736	-0,013	0,311
CHR6	6161434	CHR6:6161434	SSF x Near_LoA	-9,26945126	0,038	0,309
CHR6	616715	CHR6:616715	SSF x Near_LoA	0,56236388	-0,183	0,297
CHR6	6175751	CHR6:6175751	SSF x Near_LoA	-7,68739423	-0,056	0,307
CHR6	6175838	CHR6:6175838	SSF x Near_LoA	-7,2354548	0,048	0,315
CHR6	6175862	CHR6:6175862	SSF x Near_LoA	-7,53617976	0,074	0,313
CHR6	6175891	CHR6:6175891	SSF x Near_LoA	-10,112699	-0,005	0,304
CHR6	6175897	CHR6:6175897	SSF x Near_LoA	-9,65412175	0,087	0,303
CHR6	6176003	CHR6:6176003	SSF x Near_LoA	-7,53665589	0,117	0,304
CHR6	6182154	CHR6:6182154	SSF x Near_LoA	-10,5240346	0,025	0,321
CHR6	6182235	CHR6:6182235	SSF x Near_LoA	-10,807001	0,136	0,300
CHR6	6182346	CHR6:6182346	SSF x Near_LoA	-6,10088037	0,119	0,309
CHR6	6182372	CHR6:6182372	SSF x Near_LoA	-11,258063	-0,043	0,308
CHR6	6182376	CHR6:6182376	SSF x Near_LoA	-8,19233328	-0,026	0,309
CHR6	6186973	CHR6:6186973	SSF x Near_LoA	-11,3843631	-0,043	0,317
CHR6	619128	CHR6:619128	SSF x Near_LoA	-9,68052648	-0,007	0,310
CHR6	6195278	CHR6:6195278	SSF x Near_LoA	-9,21333406	-0,116	0,285

CHR6	6206350	CHR6:6206350	SSF x Near_LoA	-11,7216556	-0,068	0,303
CHR6	6206357	CHR6:6206357	SSF x Near_LoA	-7,19419316	-0,023	0,310
CHR6	6206358	CHR6:6206358	SSF x Near_LoA	-7,80059369	-0,029	0,308
CHR6	6206409	CHR6:6206409	SSF x Near_LoA	-7,64666001	0,018	0,301
CHR6	6210910	CHR6:6210910	SSF x Near_LoA	-8,9518952	-0,083	0,296
CHR6	6210916	CHR6:6210916	SSF x Near_LoA	-7,63150775	0,060	0,301
CHR6	6210962	CHR6:6210962	SSF x Near_LoA	-8,43596001	0,026	0,300
CHR6	6212592	CHR6:6212592	SSF x Near_LoA	-8,15166871	-0,121	0,304
CHR6	6212755	CHR6:6212755	SSF x Near_LoA	-9,73894475	-0,021	0,302
CHR6	6212761	CHR6:6212761	SSF x Near_LoA	-7,23510397	0,010	0,297
CHR6	6216560	CHR6:6216560	SSF x Near_LoA	-8,2595743	0,058	0,307
CHR6	6221000	CHR6:6221000	SSF x Near_LoA	-7,31364693	-0,057	0,322
CHR6	6227479	CHR6:6227479	SSF x Near_LoA	-9,47130716	0,021	0,317
CHR6	6231511	CHR6:6231511	SSF x Near_LoA	-8,11439722	-0,129	0,303
CHR6	6235830	CHR6:6235830	SSF x Near_LoA	-8,84067079	0,058	0,297
CHR6	6236256	CHR6:6236256	SSF x Near_LoA	-11,161695	0,040	0,301
CHR6	6238884	CHR6:6238884	SSF x Near_LoA	-9,47717081	0,020	0,304
CHR6	6238914	CHR6:6238914	SSF x Near_LoA	-9,18196296	-0,099	0,316
CHR6	6242502	CHR6:6242502	SSF x Near_LoA	-9,19831896	0,048	0,309
CHR6	6242547	CHR6:6242547	SSF x Near_LoA	-8,5325689	-0,068	0,293
CHR6	6242690	CHR6:6242690	SSF x Near_LoA	-10,1251325	-0,051	0,299
CHR6	6242708	CHR6:6242708	SSF x Near_LoA	-11,0750559	-0,035	0,297
CHR6	6242759	CHR6:6242759	SSF x Near_LoA	-8,77562878	-0,102	0,305
CHR6	6246513	CHR6:6246513	SSF x Near_LoA	-3,43223572	0,030	0,308
CHR6	6246721	CHR6:6246721	SSF x Near_LoA	-8,81241798	0,032	0,301
CHR6	6246820	CHR6:6246820	SSF x Near_LoA	-9,70054297	0,019	0,303
CHR6	6251696	CHR6:6251696	SSF x Near_LoA	-8,58915092	0,042	0,316
CHR6	628077	CHR6:628077	SSF x Near_LoA	-10,3663228	-0,043	0,307
CHR6	6282775	CHR6:6282775	SSF x Near_LoA	-10,4862166	-0,077	0,308
CHR6	6282849	CHR6:6282849	SSF x Near_LoA	-9,73586608	-0,054	0,310
CHR6	6284076	CHR6:6284076	SSF x Near_LoA	-8,86379798	-0,134	0,286
CHR6	6284078	CHR6:6284078	SSF x Near_LoA	-10,1673524	-0,123	0,283
CHR6	6284080	CHR6:6284080	SSF x Near_LoA	-7,17989398	-0,102	0,302
CHR6	6287959	CHR6:6287959	SSF x Near_LoA	-9,48245097	-0,013	0,302
CHR6	6298061	CHR6:6298061	SSF x Near_LoA	-8,70299908	-0,063	0,298
CHR6	6298064	CHR6:6298064	SSF x Near_LoA	-9,32113827	0,012	0,312
CHR6	6298092	CHR6:6298092	SSF x Near_LoA	-9,31847534	-0,047	0,303
CHR6	6298293	CHR6:6298293	SSF x Near_LoA	-8,98922993	0,031	0,307
CHR6	6313033	CHR6:6313033	SSF x Near_LoA	-8,68834687	0,008	0,305
CHR6	6313037	CHR6:6313037	SSF x Near_LoA	-11,7980799	0,018	0,313
CHR6	6313038	CHR6:6313038	SSF x Near_LoA	-8,26770603	0,010	0,310
CHR6	6313051	CHR6:6313051	SSF x Near_LoA	-8,61004397	-0,013	0,317
CHR6	6313219	CHR6:6313219	SSF x Near_LoA	-10,1949415	-0,048	0,320
CHR6	6318302	CHR6:6318302	SSF x Near_LoA	-9,71090157	-0,025	0,316
CHR6	6318419	CHR6:6318419	SSF x Near_LoA	-9,30739895	-0,003	0,321
CHR6	632323	CHR6:632323	SSF x Near_LoA	-9,62773399	0,067	0,317
CHR6	6329531	CHR6:6329531	SSF x Near_LoA	-11,2876871	0,004	0,313
CHR6	6329608	CHR6:6329608	SSF x Near_LoA	-8,92010041	-0,064	0,292
CHR6	6330273	CHR6:6330273	SSF x Near_LoA	-3,63246966	0,046	0,317
CHR6	6330274	CHR6:6330274	SSF x Near_LoA	-9,96958147	0,016	0,313
CHR6	6335861	CHR6:6335861	SSF x Near_LoA	-10,7597532	-0,036	0,309
CHR6	6347318	CHR6:6347318	SSF x Near_LoA	-10,0072093	-0,058	0,308
CHR6	6351581	CHR6:6351581	SSF x Near_LoA	-11,0910949	-0,070	0,295

CHR6	6361145	CHR6:6361145	SSF x Near_LoA	-9,49930338	0,020	0,303
CHR6	6361256	CHR6:6361256	SSF x Near_LoA	-9,68215534	-0,103	0,292
CHR6	6361259	CHR6:6361259	SSF x Near_LoA	-7,18288948	-0,013	0,305
CHR6	6361279	CHR6:6361279	SSF x Near_LoA	-9,66141153	-0,114	0,295
CHR6	6361309	CHR6:6361309	SSF x Near_LoA	-8,73127046	-0,093	0,306
CHR6	6361313	CHR6:6361313	SSF x Near_LoA	-11,4994064	-0,053	0,303
CHR6	636153	CHR6:636153	SSF x Near_LoA	-8,40745089	0,021	0,319
CHR6	6365229	CHR6:6365229	SSF x Near_LoA	-11,0303561	-0,011	0,303
CHR6	6369310	CHR6:6369310	SSF x Near_LoA	-10,3501787	0,061	0,302
CHR6	6370777	CHR6:6370777	SSF x Near_LoA	-8,82208288	-0,005	0,292
CHR6	6370779	CHR6:6370779	SSF x Near_LoA	-8,40604142	0,059	0,293
CHR6	6370797	CHR6:6370797	SSF x Near_LoA	-11,5043467	0,080	0,305
CHR6	6370828	CHR6:6370828	SSF x Near_LoA	-9,56360908	0,032	0,310
CHR6	6370855	CHR6:6370855	SSF x Near_LoA	-7,14293553	-0,007	0,301
CHR6	6370862	CHR6:6370862	SSF x Near_LoA	-8,82372311	0,043	0,304
CHR6	6370871	CHR6:6370871	SSF x Near_LoA	-9,12116161	-0,108	0,294
CHR6	6370876	CHR6:6370876	SSF x Near_LoA	-10,1972274	0,095	0,302
CHR6	6375193	CHR6:6375193	SSF x Near_LoA	-10,0579786	0,015	0,314
CHR6	6375258	CHR6:6375258	SSF x Near_LoA	-9,09545638	-0,083	0,305
CHR6	6376070	CHR6:6376070	SSF x Near_LoA	-11,5989717	-0,011	0,301
CHR6	6382614	CHR6:6382614	SSF x Near_LoA	-8,90920749	0,077	0,293
CHR6	6382631	CHR6:6382631	SSF x Near_LoA	-7,19636967	0,071	0,293
CHR6	6382634	CHR6:6382634	SSF x Near_LoA	-10,4090484	0,024	0,312
CHR6	638879	CHR6:638879	SSF x Near_LoA	-7,13662881	0,035	0,299
CHR6	638896	CHR6:638896	SSF x Near_LoA	-8,58827269	-0,073	0,299
CHR6	638922	CHR6:638922	SSF x Near_LoA	-7,19509852	0,044	0,298
CHR6	6394591	CHR6:6394591	SSF x Near_LoA	-8,36112046	-0,045	0,303
CHR6	6414932	CHR6:6414932	SSF x Near_LoA	-8,91039231	0,042	0,316
CHR6	642592	CHR6:642592	SSF x Near_LoA	-7,2752441	0,012	0,299
CHR6	642737	CHR6:642737	SSF x Near_LoA	-7,44607322	-0,110	0,304
CHR6	6429947	CHR6:6429947	SSF x Near_LoA	-8,95056422	-0,044	0,300
CHR6	6430112	CHR6:6430112	SSF x Near_LoA	-9,87096193	-0,042	0,310
CHR6	6432506	CHR6:6432506	SSF x Near_LoA	-8,62292335	-0,019	0,319
CHR6	6451894	CHR6:6451894	SSF x Near_LoA	-6,44220372	0,050	0,309
CHR6	6453755	CHR6:6453755	SSF x Near_LoA	-8,50598101	0,032	0,307
CHR6	6453837	CHR6:6453837	SSF x Near_LoA	-11,2805535	-0,097	0,308
CHR6	6456786	CHR6:6456786	SSF x Near_LoA	-9,09329918	0,057	0,305
CHR6	6456814	CHR6:6456814	SSF x Near_LoA	-8,77557456	0,050	0,290
CHR6	6462689	CHR6:6462689	SSF x Near_LoA	-8,07114816	0,011	0,297
CHR6	6466150	CHR6:6466150	SSF x Near_LoA	-9,34067295	0,061	0,293
CHR6	6466153	CHR6:6466153	SSF x Near_LoA	-2,65293535	-0,175	0,307
CHR6	6466174	CHR6:6466174	SSF x Near_LoA	-7,78784679	0,045	0,299
CHR6	6466176	CHR6:6466176	SSF x Near_LoA	-11,2228927	-0,041	0,320
CHR6	6466891	CHR6:6466891	SSF x Near_LoA	-11,2759058	0,102	0,305
CHR6	6475633	CHR6:6475633	SSF x Near_LoA	-8,23380542	0,102	0,304
CHR6	6475653	CHR6:6475653	SSF x Near_LoA	-6,44664025	-0,155	0,301
CHR6	6484999	CHR6:6484999	SSF x Near_LoA	-11,0572746	-0,064	0,302
CHR6	6485077	CHR6:6485077	SSF x Near_LoA	-9,1327653	-0,029	0,297
CHR6	6485082	CHR6:6485082	SSF x Near_LoA	-10,0791282	0,052	0,315
CHR6	6485111	CHR6:6485111	SSF x Near_LoA	-9,2476821	0,172	0,299
CHR6	648852	CHR6:648852	SSF x Near_LoA	-11,0165214	0,009	0,305
CHR6	648949	CHR6:648949	SSF x Near_LoA	-11,003406	-0,052	0,315
CHR6	6490964	CHR6:6490964	SSF x Near_LoA	-9,07812769	-0,054	0,297

CHR6	6490994	CHR6:6490994	SSF x Near_LoA	-8,11032842	-0,132	0,269
CHR6	6491014	CHR6:6491014	SSF x Near_LoA	-10,7386917	-0,040	0,297
CHR6	6491044	CHR6:6491044	SSF x Near_LoA	-6,47293446	-0,100	0,321
CHR6	6494356	CHR6:6494356	SSF x Near_LoA	-10,1589806	-0,008	0,309
CHR6	6494442	CHR6:6494442	SSF x Near_LoA	-11,7996139	0,022	0,316
CHR6	6514266	CHR6:6514266	SSF x Near_LoA	-9,16625189	-0,022	0,303
CHR6	651888	CHR6:651888	SSF x Near_LoA	-8,5089437	-0,040	0,308
CHR6	651893	CHR6:651893	SSF x Near_LoA	-11,6940185	-0,068	0,328
CHR6	6529276	CHR6:6529276	SSF x Near_LoA	-5,58319625	-0,027	0,321
CHR6	6529288	CHR6:6529288	SSF x Near_LoA	-7,98309521	0,091	0,312
CHR6	6529348	CHR6:6529348	SSF x Near_LoA	-8,18490511	0,070	0,308
CHR6	6529350	CHR6:6529350	SSF x Near_LoA	-8,33413348	0,093	0,312
CHR6	6529379	CHR6:6529379	SSF x Near_LoA	4,28981519	0,085	0,300
CHR6	6529381	CHR6:6529381	SSF x Near_LoA	-8,15651888	0,076	0,314
CHR6	6529383	CHR6:6529383	SSF x Near_LoA	-9,72047759	0,029	0,305
CHR6	6529384	CHR6:6529384	SSF x Near_LoA	-8,73520753	0,083	0,303
CHR6	6529386	CHR6:6529386	SSF x Near_LoA	-7,03104377	0,080	0,311
CHR6	6529423	CHR6:6529423	SSF x Near_LoA	-9,43972426	0,009	0,312
CHR6	6529437	CHR6:6529437	SSF x Near_LoA	-9,32278916	-0,037	0,307
CHR6	6529460	CHR6:6529460	SSF x Near_LoA	-8,62657266	-0,027	0,305
CHR6	6531707	CHR6:6531707	SSF x Near_LoA	-9,21462955	-0,072	0,301
CHR6	6532050	CHR6:6532050	SSF x Near_LoA	-8,75253004	0,055	0,297
CHR6	6543991	CHR6:6543991	SSF x Near_LoA	-7,93829421	-0,034	0,330
CHR6	6555032	CHR6:6555032	SSF x Near_LoA	-8,44341889	0,023	0,322
CHR6	6555051	CHR6:6555051	SSF x Near_LoA	-8,55255537	-0,059	0,319
CHR6	6556085	CHR6:6556085	SSF x Near_LoA	-10,3107633	0,125	0,309
CHR6	6556090	CHR6:6556090	SSF x Near_LoA	-9,26771749	0,026	0,299
CHR6	6556129	CHR6:6556129	SSF x Near_LoA	-9,9199747	0,012	0,308
CHR6	6556155	CHR6:6556155	SSF x Near_LoA	-6,84809255	-0,114	0,309
CHR6	6556166	CHR6:6556166	SSF x Near_LoA	-11,0980101	0,079	0,309
CHR6	6562519	CHR6:6562519	SSF x Near_LoA	-9,48728936	-0,051	0,304
CHR6	6562642	CHR6:6562642	SSF x Near_LoA	-10,6650006	0,006	0,313
CHR6	6562665	CHR6:6562665	SSF x Near_LoA	-10,8938266	0,002	0,309
CHR6	6586988	CHR6:6586988	SSF x Near_LoA	-10,8804039	-0,123	0,298
CHR6	6587041	CHR6:6587041	SSF x Near_LoA	-7,13374036	0,012	0,307
CHR6	6587057	CHR6:6587057	SSF x Near_LoA	-8,48656069	-0,080	0,301
CHR6	6587064	CHR6:6587064	SSF x Near_LoA	-7,66022984	-0,085	0,315
CHR6	6587071	CHR6:6587071	SSF x Near_LoA	-7,62685039	-0,089	0,308
CHR6	6587073	CHR6:6587073	SSF x Near_LoA	-9,1946473	0,019	0,297
CHR6	6587084	CHR6:6587084	SSF x Near_LoA	-9,50839462	-0,029	0,308
CHR6	6587092	CHR6:6587092	SSF x Near_LoA	-10,6576175	0,066	0,303
CHR6	6587132	CHR6:6587132	SSF x Near_LoA	-6,09778738	0,092	0,322
CHR6	6587168	CHR6:6587168	SSF x Near_LoA	-9,76278986	0,072	0,310
CHR6	6593480	CHR6:6593480	SSF x Near_LoA	-8,60515775	-0,130	0,305
CHR6	6594127	CHR6:6594127	SSF x Near_LoA	-9,05233539	-0,100	0,295
CHR6	6604322	CHR6:6604322	SSF x Near_LoA	-8,87386947	-0,069	0,318
CHR6	6604379	CHR6:6604379	SSF x Near_LoA	-9,03597615	0,021	0,308
CHR6	6604425	CHR6:6604425	SSF x Near_LoA	-9,13901848	0,059	0,309
CHR6	6609834	CHR6:6609834	SSF x Near_LoA	-4,24608652	0,153	0,297
CHR6	6609837	CHR6:6609837	SSF x Near_LoA	-7,86215125	-0,003	0,306
CHR6	6609949	CHR6:6609949	SSF x Near_LoA	-9,45235751	-0,129	0,302
CHR6	6610533	CHR6:6610533	SSF x Near_LoA	-10,0512179	-0,002	0,313
CHR6	6610566	CHR6:6610566	SSF x Near_LoA	-7,78083871	-0,047	0,305

CHR6	6610979	CHR6:6610979	SSF x Near_LoA	-9,90686505	0,075	0,296
CHR6	6611603	CHR6:6611603	SSF x Near_LoA	-7,61566795	-0,099	0,313
CHR6	6625038	CHR6:6625038	SSF x Near_LoA	-8,99930388	0,041	0,311
CHR6	6625078	CHR6:6625078	SSF x Near_LoA	-8,52656108	-0,061	0,308
CHR6	6634970	CHR6:6634970	SSF x Near_LoA	-9,02431061	-0,128	0,307
CHR6	6634980	CHR6:6634980	SSF x Near_LoA	-9,77957348	-0,080	0,304
CHR6	6634988	CHR6:6634988	SSF x Near_LoA	-9,37754097	-0,129	0,314
CHR6	6635004	CHR6:6635004	SSF x Near_LoA	-10,0655829	-0,018	0,318
CHR6	6635011	CHR6:6635011	SSF x Near_LoA	-10,4487705	-0,013	0,308
CHR6	6635024	CHR6:6635024	SSF x Near_LoA	-7,65602117	-0,120	0,294
CHR6	6635066	CHR6:6635066	SSF x Near_LoA	-8,44694554	0,031	0,309
CHR6	6635129	CHR6:6635129	SSF x Near_LoA	-11,1804904	0,105	0,303
CHR6	6637583	CHR6:6637583	SSF x Near_LoA	-8,91927448	-0,111	0,307
CHR6	6637758	CHR6:6637758	SSF x Near_LoA	-9,21378997	0,026	0,306
CHR6	6637783	CHR6:6637783	SSF x Near_LoA	-9,49042136	0,089	0,313
CHR6	6648484	CHR6:6648484	SSF x Near_LoA	-6,58971972	-0,037	0,314
CHR6	6648610	CHR6:6648610	SSF x Near_LoA	-11,4565585	0,043	0,321
CHR6	6658980	CHR6:6658980	SSF x Near_LoA	-9,10571898	-0,112	0,310
CHR6	6658996	CHR6:6658996	SSF x Near_LoA	-10,3950168	-0,033	0,299
CHR6	6659075	CHR6:6659075	SSF x Near_LoA	-1,04719001	-0,066	0,294
CHR6	6659095	CHR6:6659095	SSF x Near_LoA	-10,2051706	-0,033	0,316
CHR6	6659174	CHR6:6659174	SSF x Near_LoA	-6,03990117	0,048	0,302
CHR6	6659202	CHR6:6659202	SSF x Near_LoA	-9,07108034	-0,034	0,318
CHR6	6659227	CHR6:6659227	SSF x Near_LoA	-8,1106367	-0,062	0,314
CHR6	6659268	CHR6:6659268	SSF x Near_LoA	-10,9897079	-0,032	0,294
CHR6	6659276	CHR6:6659276	SSF x Near_LoA	-11,3168392	-0,115	0,300
CHR6	6661089	CHR6:6661089	SSF x Near_LoA	-8,44746154	-0,093	0,301
CHR6	6661984	CHR6:6661984	SSF x Near_LoA	-8,63597466	-0,060	0,306
CHR6	6666545	CHR6:6666545	SSF x Near_LoA	-11,7593137	0,061	0,294
CHR6	6668750	CHR6:6668750	SSF x Near_LoA	-0,30229789	-0,059	0,311
CHR6	6668812	CHR6:6668812	SSF x Near_LoA	-8,43017077	0,004	0,313
CHR6	6668814	CHR6:6668814	SSF x Near_LoA	-6,40099845	-0,002	0,319
CHR6	6668968	CHR6:6668968	SSF x Near_LoA	-7,14310544	0,077	0,316
CHR6	6671149	CHR6:6671149	SSF x Near_LoA	-2,93157492	0,146	0,303
CHR6	6671214	CHR6:6671214	SSF x Near_LoA	-7,41980335	-0,145	0,306
CHR6	6692404	CHR6:6692404	SSF x Near_LoA	-2,52238459	0,037	0,299
CHR6	6692533	CHR6:6692533	SSF x Near_LoA	-8,72313821	-0,053	0,299
CHR6	6692536	CHR6:6692536	SSF x Near_LoA	-8,95414302	-0,136	0,314
CHR6	6692662	CHR6:6692662	SSF x Near_LoA	-10,7389196	0,058	0,313
CHR6	6692679	CHR6:6692679	SSF x Near_LoA	-10,8549232	-0,007	0,298
CHR6	6692689	CHR6:6692689	SSF x Near_LoA	-10,2491494	-0,021	0,310
CHR6	6692693	CHR6:6692693	SSF x Near_LoA	-7,24930657	-0,067	0,307
CHR6	6695806	CHR6:6695806	SSF x Near_LoA	-8,50285775	-0,129	0,295
CHR6	6695867	CHR6:6695867	SSF x Near_LoA	-9,79354079	0,038	0,298
CHR6	6695894	CHR6:6695894	SSF x Near_LoA	-8,88024244	0,118	0,278
CHR6	6695897	CHR6:6695897	SSF x Near_LoA	-8,98143734	0,076	0,304
CHR6	6695933	CHR6:6695933	SSF x Near_LoA	-6,19738207	0,018	0,292
CHR6	6695935	CHR6:6695935	SSF x Near_LoA	-9,68230935	-0,027	0,305
CHR6	6695953	CHR6:6695953	SSF x Near_LoA	-11,3568986	0,033	0,301
CHR6	6701369	CHR6:6701369	SSF x Near_LoA	1,92197399	0,175	0,302
CHR6	6701383	CHR6:6701383	SSF x Near_LoA	-2,37461416	0,160	0,303
CHR6	6701391	CHR6:6701391	SSF x Near_LoA	-9,3639358	0,117	0,310
CHR6	6701451	CHR6:6701451	SSF x Near_LoA	-7,73911806	0,114	0,313

CHR6	6701453	CHR6:6701453	SSF x Near_LoA	-6,7330364	-0,079	0,307
CHR6	6704590	CHR6:6704590	SSF x Near_LoA	-10,1618724	-0,069	0,316
CHR6	6704675	CHR6:6704675	SSF x Near_LoA	-8,21322372	-0,080	0,315
CHR6	6704685	CHR6:6704685	SSF x Near_LoA	-8,80621611	0,035	0,310
CHR6	6704720	CHR6:6704720	SSF x Near_LoA	-8,1424441	-0,134	0,310
CHR6	6704746	CHR6:6704746	SSF x Near_LoA	-9,19720326	0,073	0,301
CHR6	6704779	CHR6:6704779	SSF x Near_LoA	-9,9343413	-0,087	0,304
CHR6	6704785	CHR6:6704785	SSF x Near_LoA	-10,3059713	-0,035	0,304
CHR6	6715499	CHR6:6715499	SSF x Near_LoA	-9,4405925	0,005	0,309
CHR6	6715507	CHR6:6715507	SSF x Near_LoA	-6,99263275	0,104	0,296
CHR6	6715575	CHR6:6715575	SSF x Near_LoA	-8,80205271	0,066	0,311
CHR6	6715610	CHR6:6715610	SSF x Near_LoA	-7,34872005	0,140	0,301
CHR6	6716381	CHR6:6716381	SSF x Near_LoA	-9,37019888	0,088	0,305
CHR6	6716399	CHR6:6716399	SSF x Near_LoA	-9,47226605	0,052	0,298
CHR6	6723676	CHR6:6723676	SSF x Near_LoA	-6,7774266	0,080	0,310
CHR6	6723679	CHR6:6723679	SSF x Near_LoA	-8,57688856	0,018	0,311
CHR6	6723714	CHR6:6723714	SSF x Near_LoA	-11,1955646	0,024	0,306
CHR6	6723719	CHR6:6723719	SSF x Near_LoA	-11,6130878	-0,048	0,293
CHR6	6731909	CHR6:6731909	SSF x Near_LoA	-10,8455048	-0,049	0,309
CHR6	6731949	CHR6:6731949	SSF x Near_LoA	-10,4308047	-0,016	0,310
CHR6	6731956	CHR6:6731956	SSF x Near_LoA	-10,0234316	0,014	0,316
CHR6	6731964	CHR6:6731964	SSF x Near_LoA	-10,7620111	-0,046	0,309
CHR6	6732043	CHR6:6732043	SSF x Near_LoA	-9,74786144	0,075	0,292
CHR6	6739262	CHR6:6739262	SSF x Near_LoA	-8,36279303	-0,006	0,302
CHR6	6740939	CHR6:6740939	SSF x Near_LoA	-8,59202834	-0,120	0,302
CHR6	6744668	CHR6:6744668	SSF x Near_LoA	-10,4678402	-0,097	0,296
CHR6	6748817	CHR6:6748817	SSF x Near_LoA	-9,6732137	0,071	0,308
CHR6	6748966	CHR6:6748966	SSF x Near_LoA	-4,35196609	0,168	0,287
CHR6	6749036	CHR6:6749036	SSF x Near_LoA	-8,85736713	0,050	0,302
CHR6	676176	CHR6:676176	SSF x Near_LoA	-1,33159972	-0,012	0,311
CHR6	676184	CHR6:676184	SSF x Near_LoA	-8,33784427	-0,072	0,306
CHR6	676221	CHR6:676221	SSF x Near_LoA	-4,36086744	0,078	0,307
CHR6	6765567	CHR6:6765567	SSF x Near_LoA	-8,50110834	0,106	0,299
CHR6	6765694	CHR6:6765694	SSF x Near_LoA	-9,84191765	-0,083	0,313
CHR6	6777613	CHR6:6777613	SSF x Near_LoA	-8,66660273	0,058	0,308
CHR6	6777668	CHR6:6777668	SSF x Near_LoA	-7,33866716	0,155	0,295
CHR6	6777777	CHR6:6777777	SSF x Near_LoA	-10,599074	0,154	0,295
CHR6	6777821	CHR6:6777821	SSF x Near_LoA	-10,021917	0,046	0,305
CHR6	677831	CHR6:677831	SSF x Near_LoA	-7,55554828	0,024	0,309
CHR6	677884	CHR6:677884	SSF x Near_LoA	-10,7907264	-0,056	0,300
CHR6	677904	CHR6:677904	SSF x Near_LoA	-8,1705308	0,050	0,319
CHR6	678056	CHR6:678056	SSF x Near_LoA	-5,72694437	-0,016	0,313
CHR6	6783001	CHR6:6783001	SSF x Near_LoA	-4,51454496	0,017	0,286
CHR6	6783040	CHR6:6783040	SSF x Near_LoA	-6,54810153	0,157	0,305
CHR6	679586	CHR6:679586	SSF x Near_LoA	-10,8762331	0,075	0,316
CHR6	6796536	CHR6:6796536	SSF x Near_LoA	-8,90905887	-0,015	0,317
CHR6	6796550	CHR6:6796550	SSF x Near_LoA	-9,23721546	-0,032	0,298
CHR6	6796554	CHR6:6796554	SSF x Near_LoA	-3,09046244	0,069	0,308
CHR6	6796556	CHR6:6796556	SSF x Near_LoA	-9,5052048	0,066	0,302
CHR6	6796642	CHR6:6796642	SSF x Near_LoA	-7,78725933	0,010	0,305
CHR6	6796659	CHR6:6796659	SSF x Near_LoA	-11,2786819	0,003	0,307
CHR6	6796730	CHR6:6796730	SSF x Near_LoA	-12,0138241	0,031	0,303
CHR6	6796751	CHR6:6796751	SSF x Near_LoA	-10,7349484	0,058	0,294

CHR6	6796754	CHR6:6796754	SSF x Near_LoA	-10,0026308	-0,021	0,313
CHR6	679756	CHR6:679756	SSF x Near_LoA	-2,97085407	-0,179	0,302
CHR6	6800595	CHR6:6800595	SSF x Near_LoA	-10,6835786	0,053	0,315
CHR6	6806118	CHR6:6806118	SSF x Near_LoA	-7,56516298	-0,005	0,320
CHR6	6806172	CHR6:6806172	SSF x Near_LoA	-8,4840607	0,137	0,298
CHR6	6810360	CHR6:6810360	SSF x Near_LoA	-11,3458324	-0,045	0,303
CHR6	6815421	CHR6:6815421	SSF x Near_LoA	-9,75646707	0,027	0,290
CHR6	6815443	CHR6:6815443	SSF x Near_LoA	-9,42826706	-0,015	0,296
CHR6	6815542	CHR6:6815542	SSF x Near_LoA	-9,85751271	-0,030	0,316
CHR6	6815566	CHR6:6815566	SSF x Near_LoA	-11,3349497	0,022	0,310
CHR6	6819654	CHR6:6819654	SSF x Near_LoA	-9,89371193	-0,017	0,309
CHR6	6819664	CHR6:6819664	SSF x Near_LoA	-7,74055187	0,036	0,303
CHR6	6820836	CHR6:6820836	SSF x Near_LoA	-8,93413458	0,098	0,296
CHR6	6820887	CHR6:6820887	SSF x Near_LoA	-7,15138159	-0,072	0,305
CHR6	6821052	CHR6:6821052	SSF x Near_LoA	-8,87883112	0,031	0,319
CHR6	6828356	CHR6:6828356	SSF x Near_LoA	-10,3404689	-0,060	0,310
CHR6	6831893	CHR6:6831893	SSF x Near_LoA	-10,9683728	-0,041	0,302
CHR6	6832059	CHR6:6832059	SSF x Near_LoA	-8,05302381	-0,104	0,313
CHR6	6840204	CHR6:6840204	SSF x Near_LoA	-10,7399136	0,009	0,309
CHR6	6845103	CHR6:6845103	SSF x Near_LoA	-6,35555573	-0,078	0,304
CHR6	6845122	CHR6:6845122	SSF x Near_LoA	-4,95750394	-0,134	0,307
CHR6	6845126	CHR6:6845126	SSF x Near_LoA	-9,29842999	-0,083	0,297
CHR6	6845144	CHR6:6845144	SSF x Near_LoA	-9,93059645	0,044	0,309
CHR6	6845217	CHR6:6845217	SSF x Near_LoA	-6,78313765	-0,072	0,301
CHR6	6845221	CHR6:6845221	SSF x Near_LoA	-8,10894925	0,056	0,312
CHR6	6845240	CHR6:6845240	SSF x Near_LoA	-11,0299456	0,014	0,309
CHR6	6845242	CHR6:6845242	SSF x Near_LoA	-11,9491012	0,028	0,295
CHR6	6845255	CHR6:6845255	SSF x Near_LoA	-11,3746088	0,016	0,307
CHR6	6845291	CHR6:6845291	SSF x Near_LoA	-10,5805399	-0,023	0,302
CHR6	6845315	CHR6:6845315	SSF x Near_LoA	-8,21210937	0,097	0,317
CHR6	6858427	CHR6:6858427	SSF x Near_LoA	-9,57166862	0,113	0,311
CHR6	6858441	CHR6:6858441	SSF x Near_LoA	-10,6963995	0,076	0,321
CHR6	6858450	CHR6:6858450	SSF x Near_LoA	-10,2176849	-0,124	0,288
CHR6	6858461	CHR6:6858461	SSF x Near_LoA	-7,18870679	0,080	0,309
CHR6	6858481	CHR6:6858481	SSF x Near_LoA	-9,53058946	-0,032	0,305
CHR6	6858554	CHR6:6858554	SSF x Near_LoA	-10,9922657	0,005	0,312
CHR6	6865771	CHR6:6865771	SSF x Near_LoA	-8,84150118	-0,117	0,288
CHR6	6865860	CHR6:6865860	SSF x Near_LoA	-7,25174686	-0,136	0,310
CHR6	6865876	CHR6:6865876	SSF x Near_LoA	-10,604647	-0,032	0,302
CHR6	6867462	CHR6:6867462	SSF x Near_LoA	-7,95418781	0,101	0,297
CHR6	6867552	CHR6:6867552	SSF x Near_LoA	-10,0028191	0,091	0,296
CHR6	6867555	CHR6:6867555	SSF x Near_LoA	-9,8181505	0,062	0,315
CHR6	6867638	CHR6:6867638	SSF x Near_LoA	-8,6248217	0,059	0,310
CHR6	6868475	CHR6:6868475	SSF x Near_LoA	-10,4671677	0,020	0,303
CHR6	6868497	CHR6:6868497	SSF x Near_LoA	-11,0528303	0,072	0,307
CHR6	6878698	CHR6:6878698	SSF x Near_LoA	-9,26087122	0,079	0,310
CHR6	6878707	CHR6:6878707	SSF x Near_LoA	-8,4701055	-0,072	0,312
CHR6	6878715	CHR6:6878715	SSF x Near_LoA	-7,90951656	-0,043	0,305
CHR6	6878720	CHR6:6878720	SSF x Near_LoA	-9,32653177	0,003	0,307
CHR6	6878721	CHR6:6878721	SSF x Near_LoA	-8,21819838	-0,041	0,301
CHR6	6878760	CHR6:6878760	SSF x Near_LoA	-7,75795252	0,024	0,311
CHR6	6878761	CHR6:6878761	SSF x Near_LoA	-8,9600619	0,037	0,315
CHR6	6878879	CHR6:6878879	SSF x Near_LoA	-10,5914621	0,098	0,304

CHR6	6878951	CHR6:6878951	SSF x Near_LoA	-8,22323386	0,075	0,315
CHR6	6883366	CHR6:6883366	SSF x Near_LoA	-7,71829423	-0,018	0,312
CHR6	6883408	CHR6:6883408	SSF x Near_LoA	-8,89473785	0,054	0,309
CHR6	6883419	CHR6:6883419	SSF x Near_LoA	-11,0038946	-0,005	0,306
CHR6	6890204	CHR6:6890204	SSF x Near_LoA	-6,16744105	-0,137	0,296
CHR6	6894214	CHR6:6894214	SSF x Near_LoA	-10,1060531	-0,053	0,300
CHR6	6894252	CHR6:6894252	SSF x Near_LoA	-10,0234082	0,011	0,306
CHR6	6894401	CHR6:6894401	SSF x Near_LoA	-10,4755004	-0,092	0,312
CHR6	6894453	CHR6:6894453	SSF x Near_LoA	-10,9011983	-0,028	0,315
CHR6	6907271	CHR6:6907271	SSF x Near_LoA	-9,72529515	-0,067	0,297
CHR6	6925197	CHR6:6925197	SSF x Near_LoA	-9,87444127	0,045	0,317
CHR6	6925220	CHR6:6925220	SSF x Near_LoA	-10,5295651	0,043	0,316
CHR6	6925420	CHR6:6925420	SSF x Near_LoA	3,59782698	-0,103	0,305
CHR6	692979	CHR6:692979	SSF x Near_LoA	-10,4842975	0,013	0,292
CHR6	693041	CHR6:693041	SSF x Near_LoA	-8,12893445	-0,056	0,309
CHR6	693276	CHR6:693276	SSF x Near_LoA	-7,66134544	0,027	0,302
CHR6	6938231	CHR6:6938231	SSF x Near_LoA	-9,02602708	0,022	0,311
CHR6	6938239	CHR6:6938239	SSF x Near_LoA	-9,27199307	0,112	0,290
CHR6	6938250	CHR6:6938250	SSF x Near_LoA	-11,1027614	0,025	0,309
CHR6	6940204	CHR6:6940204	SSF x Near_LoA	-8,03593539	-0,033	0,312
CHR6	6941385	CHR6:6941385	SSF x Near_LoA	-9,70388088	-0,009	0,322
CHR6	6944011	CHR6:6944011	SSF x Near_LoA	-8,28194716	0,004	0,306
CHR6	6944038	CHR6:6944038	SSF x Near_LoA	-7,88690992	0,084	0,302
CHR6	6944043	CHR6:6944043	SSF x Near_LoA	-6,31469442	-0,161	0,304
CHR6	6966945	CHR6:6966945	SSF x Near_LoA	-8,11420256	0,037	0,315
CHR6	6967035	CHR6:6967035	SSF x Near_LoA	-8,95622485	-0,006	0,308
CHR6	6967038	CHR6:6967038	SSF x Near_LoA	-8,67459409	-0,035	0,308
CHR6	6967039	CHR6:6967039	SSF x Near_LoA	-9,55110857	0,007	0,307
CHR6	6994839	CHR6:6994839	SSF x Near_LoA	-9,92003396	-0,065	0,303
CHR6	6994977	CHR6:6994977	SSF x Near_LoA	-8,95198682	-0,069	0,313
CHR6	6995068	CHR6:6995068	SSF x Near_LoA	-11,0870506	-0,046	0,306
CHR6	7013221	CHR6:7013221	SSF x Near_LoA	-7,74659307	-0,021	0,308
CHR6	7013225	CHR6:7013225	SSF x Near_LoA	-9,00816086	-0,022	0,310
CHR6	7013242	CHR6:7013242	SSF x Near_LoA	-8,13498063	0,067	0,310
CHR6	7013306	CHR6:7013306	SSF x Near_LoA	-4,93707469	0,182	0,299
CHR6	7013347	CHR6:7013347	SSF x Near_LoA	-10,6966484	-0,094	0,309
CHR6	7024595	CHR6:7024595	SSF x Near_LoA	-9,23328326	-0,048	0,312
CHR6	7024616	CHR6:7024616	SSF x Near_LoA	-9,06341169	0,002	0,317
CHR6	7031158	CHR6:7031158	SSF x Near_LoA	-6,54153018	-0,069	0,312
CHR6	7031179	CHR6:7031179	SSF x Near_LoA	-8,87750577	0,122	0,311
CHR6	7031228	CHR6:7031228	SSF x Near_LoA	-7,72888082	-0,032	0,310
CHR6	7031317	CHR6:7031317	SSF x Near_LoA	-8,68988611	0,100	0,295
CHR6	7033508	CHR6:7033508	SSF x Near_LoA	-11,8116824	-0,007	0,293
CHR6	7037799	CHR6:7037799	SSF x Near_LoA	-9,34058288	0,030	0,300
CHR6	7037813	CHR6:7037813	SSF x Near_LoA	-7,77588488	-0,081	0,316
CHR6	7037826	CHR6:7037826	SSF x Near_LoA	-9,477212	-0,026	0,309
CHR6	7037847	CHR6:7037847	SSF x Near_LoA	-10,3940078	-0,057	0,315
CHR6	7037887	CHR6:7037887	SSF x Near_LoA	-11,6466689	-0,082	0,301
CHR6	7037968	CHR6:7037968	SSF x Near_LoA	-8,90064998	-0,011	0,318
CHR6	7038035	CHR6:7038035	SSF x Near_LoA	-8,30489135	-0,091	0,320
CHR6	7038042	CHR6:7038042	SSF x Near_LoA	-2,09202117	-0,126	0,303
CHR6	7038043	CHR6:7038043	SSF x Near_LoA	-8,99631327	-0,116	0,312
CHR6	7044397	CHR6:7044397	SSF x Near_LoA	-10,5214124	-0,100	0,301

CHR6	7044505	CHR6:7044505	SSF x Near_LoA	-5,40234436	-0,108	0,310
CHR6	7044632	CHR6:7044632	SSF x Near_LoA	-9,32279433	0,055	0,311
CHR6	704786	CHR6:704786	SSF x Near_LoA	-6,73062524	-0,138	0,308
CHR6	704804	CHR6:704804	SSF x Near_LoA	-8,89047817	-0,177	0,309
CHR6	7054137	CHR6:7054137	SSF x Near_LoA	-9,22035972	-0,083	0,311
CHR6	7054231	CHR6:7054231	SSF x Near_LoA	-8,96814491	0,013	0,316
CHR6	7054256	CHR6:7054256	SSF x Near_LoA	-7,80451093	0,165	0,304
CHR6	7059336	CHR6:7059336	SSF x Near_LoA	-11,0864666	0,064	0,312
CHR6	7059458	CHR6:7059458	SSF x Near_LoA	-9,05856655	-0,060	0,309
CHR6	7069849	CHR6:7069849	SSF x Near_LoA	-11,1548453	-0,054	0,321
CHR6	7081765	CHR6:7081765	SSF x Near_LoA	-11,4335207	0,035	0,317
CHR6	7084476	CHR6:7084476	SSF x Near_LoA	-9,47725948	0,023	0,316
CHR6	7084507	CHR6:7084507	SSF x Near_LoA	-6,17156611	-0,166	0,291
CHR6	7085111	CHR6:7085111	SSF x Near_LoA	-9,23790356	0,047	0,299
CHR6	7085977	CHR6:7085977	SSF x Near_LoA	-8,63309976	-0,103	0,304
CHR6	7086120	CHR6:7086120	SSF x Near_LoA	-8,18850094	0,006	0,283
CHR6	7086215	CHR6:7086215	SSF x Near_LoA	-9,79381597	-0,079	0,276
CHR6	7087557	CHR6:7087557	SSF x Near_LoA	-10,3664171	0,100	0,295
CHR6	7087559	CHR6:7087559	SSF x Near_LoA	-10,4451219	-0,001	0,300
CHR6	7091603	CHR6:7091603	SSF x Near_LoA	-10,5621806	0,028	0,306
CHR6	7091621	CHR6:7091621	SSF x Near_LoA	-11,1680228	0,044	0,312
CHR6	7091846	CHR6:7091846	SSF x Near_LoA	-8,6238592	-0,087	0,310
CHR6	7097464	CHR6:7097464	SSF x Near_LoA	-9,45288617	-0,002	0,309
CHR6	7102748	CHR6:7102748	SSF x Near_LoA	-11,0357902	-0,050	0,309
CHR6	7102752	CHR6:7102752	SSF x Near_LoA	-5,64476198	0,187	0,300
CHR6	7102755	CHR6:7102755	SSF x Near_LoA	-2,93365231	0,172	0,313
CHR6	7102778	CHR6:7102778	SSF x Near_LoA	-8,35650886	0,130	0,320
CHR6	7102800	CHR6:7102800	SSF x Near_LoA	-10,4440328	0,025	0,297
CHR6	7102834	CHR6:7102834	SSF x Near_LoA	-9,48894828	-0,093	0,312
CHR6	7102837	CHR6:7102837	SSF x Near_LoA	-8,44361944	-0,106	0,318
CHR6	7102839	CHR6:7102839	SSF x Near_LoA	-9,42301916	-0,081	0,308
CHR6	7102864	CHR6:7102864	SSF x Near_LoA	-11,0719125	-0,067	0,306
CHR6	7102965	CHR6:7102965	SSF x Near_LoA	-6,59959419	-0,032	0,312
CHR6	7122197	CHR6:7122197	SSF x Near_LoA	-10,0191839	-0,103	0,288
CHR6	713248	CHR6:713248	SSF x Near_LoA	-8,80913024	-0,070	0,302
CHR6	713262	CHR6:713262	SSF x Near_LoA	-9,62848793	-0,072	0,318
CHR6	713311	CHR6:713311	SSF x Near_LoA	-7,98230681	-0,088	0,292
CHR6	713315	CHR6:713315	SSF x Near_LoA	-10,0443963	-0,071	0,301
CHR6	7138404	CHR6:7138404	SSF x Near_LoA	-11,8894211	-0,017	0,305
CHR6	7150597	CHR6:7150597	SSF x Near_LoA	-9,31984262	0,044	0,318
CHR6	7152870	CHR6:7152870	SSF x Near_LoA	-9,23002176	0,163	0,289
CHR6	7152953	CHR6:7152953	SSF x Near_LoA	-11,0213575	0,099	0,314
CHR6	7161590	CHR6:7161590	SSF x Near_LoA	-6,86778579	-0,132	0,309
CHR6	7161597	CHR6:7161597	SSF x Near_LoA	-11,0077441	0,099	0,297
CHR6	7172739	CHR6:7172739	SSF x Near_LoA	-9,33822099	0,080	0,302
CHR6	7172779	CHR6:7172779	SSF x Near_LoA	-9,03624823	-0,070	0,313
CHR6	7176605	CHR6:7176605	SSF x Near_LoA	-4,57610927	-0,064	0,310
CHR6	7177868	CHR6:7177868	SSF x Near_LoA	-11,0304661	-0,043	0,309
CHR6	7181033	CHR6:7181033	SSF x Near_LoA	-7,29566553	-0,108	0,304
CHR6	7194495	CHR6:7194495	SSF x Near_LoA	-3,79404281	0,122	0,294
CHR6	7194755	CHR6:7194755	SSF x Near_LoA	-9,61425986	-0,015	0,321
CHR6	7194800	CHR6:7194800	SSF x Near_LoA	-10,7286118	0,018	0,290
CHR6	7194804	CHR6:7194804	SSF x Near_LoA	-9,74499954	0,010	0,301

CHR6	7198064	CHR6:7198064	SSF x Near_LoA	-10,5905276	0,002	0,305
CHR6	7198137	CHR6:7198137	SSF x Near_LoA	-5,90716266	0,029	0,307
CHR6	7198153	CHR6:7198153	SSF x Near_LoA	-8,76424095	-0,047	0,298
CHR6	7198236	CHR6:7198236	SSF x Near_LoA	-8,7742933	0,002	0,313
CHR6	7198241	CHR6:7198241	SSF x Near_LoA	-11,2082798	0,091	0,289
CHR6	7198270	CHR6:7198270	SSF x Near_LoA	-8,71712305	-0,007	0,309
CHR6	7198276	CHR6:7198276	SSF x Near_LoA	-9,0021226	0,022	0,318
CHR6	7198301	CHR6:7198301	SSF x Near_LoA	-10,4800675	-0,031	0,315
CHR6	7198311	CHR6:7198311	SSF x Near_LoA	-7,71843194	0,012	0,312
CHR6	7201153	CHR6:7201153	SSF x Near_LoA	-10,1134413	-0,021	0,313
CHR6	7201155	CHR6:7201155	SSF x Near_LoA	-10,4073886	0,019	0,309
CHR6	7201220	CHR6:7201220	SSF x Near_LoA	-3,2734147	0,189	0,301
CHR6	7201261	CHR6:7201261	SSF x Near_LoA	-6,90362692	-0,195	0,291
CHR6	7201297	CHR6:7201297	SSF x Near_LoA	-6,50269193	-0,169	0,304
CHR6	7201347	CHR6:7201347	SSF x Near_LoA	-6,00902492	0,094	0,298
CHR6	7201371	CHR6:7201371	SSF x Near_LoA	-10,8116642	0,002	0,315
CHR6	7201374	CHR6:7201374	SSF x Near_LoA	-1,90953259	0,302	0,278
CHR6	720904	CHR6:720904	SSF x Near_LoA	-11,0944348	-0,029	0,303
CHR6	7212749	CHR6:7212749	SSF x Near_LoA	-10,4950006	-0,024	0,309
CHR6	7213340	CHR6:7213340	SSF x Near_LoA	-11,1458018	-0,037	0,309
CHR6	7213356	CHR6:7213356	SSF x Near_LoA	-9,80006107	-0,015	0,323
CHR6	7213372	CHR6:7213372	SSF x Near_LoA	-9,18688112	0,032	0,296
CHR6	7218760	CHR6:7218760	SSF x Near_LoA	-10,2347463	0,058	0,308
CHR6	7218788	CHR6:7218788	SSF x Near_LoA	-9,75499515	0,031	0,312
CHR6	7218830	CHR6:7218830	SSF x Near_LoA	-9,57923554	0,008	0,295
CHR6	7227917	CHR6:7227917	SSF x Near_LoA	-7,83367916	0,038	0,315
CHR6	7240347	CHR6:7240347	SSF x Near_LoA	-6,0917134	-0,103	0,309
CHR6	7240348	CHR6:7240348	SSF x Near_LoA	-8,38651426	-0,091	0,310
CHR6	7240357	CHR6:7240357	SSF x Near_LoA	-3,89153104	0,279	0,269
CHR6	7262	CHR6:7262	SSF x Near_LoA	-7,5566309	-0,091	0,301
CHR6	7268057	CHR6:7268057	SSF x Near_LoA	-8,87685198	-0,160	0,315
CHR6	7275764	CHR6:7275764	SSF x Near_LoA	-8,91308105	0,096	0,302
CHR6	7275833	CHR6:7275833	SSF x Near_LoA	-7,98891749	-0,089	0,305
CHR6	7284422	CHR6:7284422	SSF x Near_LoA	-8,06784471	0,008	0,315
CHR6	7284437	CHR6:7284437	SSF x Near_LoA	-8,38914279	-0,038	0,305
CHR6	7284490	CHR6:7284490	SSF x Near_LoA	-9,81009538	-0,100	0,307
CHR6	7284620	CHR6:7284620	SSF x Near_LoA	4,78547425	-0,022	0,304
CHR6	7284646	CHR6:7284646	SSF x Near_LoA	-3,10925024	0,045	0,306
CHR6	7287512	CHR6:7287512	SSF x Near_LoA	-4,06281021	-0,006	0,322
CHR6	7287551	CHR6:7287551	SSF x Near_LoA	-10,0238923	-0,028	0,307
CHR6	7287725	CHR6:7287725	SSF x Near_LoA	-11,2000473	-0,027	0,306
CHR6	7302101	CHR6:7302101	SSF x Near_LoA	-10,9718236	0,059	0,305
CHR6	7316424	CHR6:7316424	SSF x Near_LoA	-8,52962211	-0,039	0,305
CHR6	7316433	CHR6:7316433	SSF x Near_LoA	-7,00468074	0,088	0,312
CHR6	7316459	CHR6:7316459	SSF x Near_LoA	-7,86364697	-0,081	0,292
CHR6	7316463	CHR6:7316463	SSF x Near_LoA	-8,82353085	-0,101	0,293
CHR6	7316472	CHR6:7316472	SSF x Near_LoA	-7,45053134	-0,093	0,281
CHR6	7316483	CHR6:7316483	SSF x Near_LoA	-8,65243803	-0,098	0,292
CHR6	7316536	CHR6:7316536	SSF x Near_LoA	-10,4033355	-0,041	0,297
CHR6	7333602	CHR6:7333602	SSF x Near_LoA	-8,85289873	-0,081	0,299
CHR6	7333603	CHR6:7333603	SSF x Near_LoA	-6,69471968	-0,142	0,298
CHR6	7333642	CHR6:7333642	SSF x Near_LoA	-7,30178786	0,027	0,295
CHR6	7335381	CHR6:7335381	SSF x Near_LoA	-4,72787573	0,051	0,302

CHR6	7335515	CHR6:7335515	SSF x Near_LoA	1,14076574	0,136	0,303
CHR6	7340724	CHR6:7340724	SSF x Near_LoA	-10,2760886	-0,017	0,301
CHR6	7344144	CHR6:7344144	SSF x Near_LoA	-10,5056796	0,150	0,306
CHR6	7344214	CHR6:7344214	SSF x Near_LoA	-11,3598317	0,034	0,310
CHR6	7350594	CHR6:7350594	SSF x Near_LoA	-9,76943493	0,028	0,319
CHR6	7353374	CHR6:7353374	SSF x Near_LoA	-8,97970172	-0,008	0,309
CHR6	7359637	CHR6:7359637	SSF x Near_LoA	-10,5951351	-0,065	0,306
CHR6	7359822	CHR6:7359822	SSF x Near_LoA	-10,8785148	0,096	0,310
CHR6	7359875	CHR6:7359875	SSF x Near_LoA	-9,63067893	-0,027	0,292
CHR6	7359883	CHR6:7359883	SSF x Near_LoA	-9,85465827	-0,066	0,311
CHR6	7362328	CHR6:7362328	SSF x Near_LoA	-9,28804166	0,041	0,309
CHR6	7362330	CHR6:7362330	SSF x Near_LoA	-8,60605028	0,049	0,318
CHR6	7362341	CHR6:7362341	SSF x Near_LoA	-7,40410709	-0,017	0,306
CHR6	7362377	CHR6:7362377	SSF x Near_LoA	-8,74909474	-0,014	0,320
CHR6	7362445	CHR6:7362445	SSF x Near_LoA	-7,70243851	-0,045	0,324
CHR6	7362473	CHR6:7362473	SSF x Near_LoA	-10,5575886	0,029	0,299
CHR6	7367336	CHR6:7367336	SSF x Near_LoA	-10,209441	-0,057	0,304
CHR6	7367422	CHR6:7367422	SSF x Near_LoA	-0,38163591	0,128	0,296
CHR6	737845	CHR6:737845	SSF x Near_LoA	-7,49464572	0,035	0,319
CHR6	7387781	CHR6:7387781	SSF x Near_LoA	-9,16139258	0,135	0,291
CHR6	7387830	CHR6:7387830	SSF x Near_LoA	-7,28838338	0,092	0,293
CHR6	7387853	CHR6:7387853	SSF x Near_LoA	-9,87528344	-0,009	0,295
CHR6	7387924	CHR6:7387924	SSF x Near_LoA	-7,53756804	-0,188	0,324
CHR6	7388033	CHR6:7388033	SSF x Near_LoA	-9,01565621	-0,189	0,310
CHR6	7390215	CHR6:7390215	SSF x Near_LoA	-8,60658544	0,117	0,295
CHR6	7390312	CHR6:7390312	SSF x Near_LoA	-8,76386318	0,010	0,293
CHR6	7390332	CHR6:7390332	SSF x Near_LoA	-8,77314098	0,069	0,281
CHR6	7404569	CHR6:7404569	SSF x Near_LoA	-2,01188837	0,155	0,314
CHR6	7404621	CHR6:7404621	SSF x Near_LoA	-2,57346655	-0,234	0,292
CHR6	7434308	CHR6:7434308	SSF x Near_LoA	-10,0687049	-0,088	0,309
CHR6	7434342	CHR6:7434342	SSF x Near_LoA	-9,96292827	-0,010	0,301
CHR6	7434433	CHR6:7434433	SSF x Near_LoA	-8,57402613	0,131	0,313
CHR6	7434493	CHR6:7434493	SSF x Near_LoA	-11,1099453	0,087	0,309
CHR6	7434583	CHR6:7434583	SSF x Near_LoA	-6,02641106	-0,161	0,294
CHR6	7446440	CHR6:7446440	SSF x Near_LoA	-10,1183128	-0,053	0,304
CHR6	7446931	CHR6:7446931	SSF x Near_LoA	-8,23129734	-0,047	0,328
CHR6	7456142	CHR6:7456142	SSF x Near_LoA	-11,1937113	-0,036	0,301
CHR6	7456183	CHR6:7456183	SSF x Near_LoA	-11,6506748	0,026	0,307
CHR6	7456187	CHR6:7456187	SSF x Near_LoA	-9,71565765	-0,017	0,322
CHR6	7456216	CHR6:7456216	SSF x Near_LoA	-8,0621429	0,071	0,317
CHR6	7460744	CHR6:7460744	SSF x Near_LoA	-7,61481094	0,103	0,293
CHR6	7460745	CHR6:7460745	SSF x Near_LoA	-7,01501416	0,097	0,312
CHR6	7460792	CHR6:7460792	SSF x Near_LoA	-8,61815522	0,006	0,309
CHR6	7460831	CHR6:7460831	SSF x Near_LoA	-7,43499024	0,118	0,308
CHR6	7460839	CHR6:7460839	SSF x Near_LoA	-7,58779049	0,057	0,314
CHR6	7469550	CHR6:7469550	SSF x Near_LoA	-7,45583828	0,143	0,309
CHR6	7469580	CHR6:7469580	SSF x Near_LoA	-9,98032001	-0,008	0,318
CHR6	7469605	CHR6:7469605	SSF x Near_LoA	-10,7156731	-0,026	0,318
CHR6	7469614	CHR6:7469614	SSF x Near_LoA	-7,82788069	0,114	0,298
CHR6	7469656	CHR6:7469656	SSF x Near_LoA	-10,4086094	-0,008	0,310
CHR6	7469718	CHR6:7469718	SSF x Near_LoA	-10,6538351	-0,029	0,301
CHR6	7484303	CHR6:7484303	SSF x Near_LoA	-9,64862045	-0,069	0,311
CHR6	7484870	CHR6:7484870	SSF x Near_LoA	-9,39620075	0,009	0,314

CHR6	7499283	CHR6:7499283	SSF x Near_LoA	-11,7515353	-0,019	0,310
CHR6	7499346	CHR6:7499346	SSF x Near_LoA	-5,48142454	-0,081	0,320
CHR6	7499347	CHR6:7499347	SSF x Near_LoA	-10,4183595	-0,088	0,303
CHR6	7499438	CHR6:7499438	SSF x Near_LoA	-8,69497715	0,122	0,300
CHR6	7501693	CHR6:7501693	SSF x Near_LoA	-12,6528424	-0,025	0,301
CHR6	7504000	CHR6:7504000	SSF x Near_LoA	-8,47905673	0,078	0,308
CHR6	7510315	CHR6:7510315	SSF x Near_LoA	-8,09113045	-0,092	0,304
CHR6	7510350	CHR6:7510350	SSF x Near_LoA	-9,76117642	0,071	0,295
CHR6	7510384	CHR6:7510384	SSF x Near_LoA	-8,11058383	-0,008	0,316
CHR6	751536	CHR6:751536	SSF x Near_LoA	-9,56433721	0,042	0,308
CHR6	751546	CHR6:751546	SSF x Near_LoA	-8,61200673	-0,053	0,318
CHR6	7520036	CHR6:7520036	SSF x Near_LoA	-10,2005521	-0,130	0,294
CHR6	7520101	CHR6:7520101	SSF x Near_LoA	-8,26350867	-0,066	0,298
CHR6	7520162	CHR6:7520162	SSF x Near_LoA	-11,1810562	-0,010	0,307
CHR6	7523467	CHR6:7523467	SSF x Near_LoA	-5,60639661	-0,027	0,303
CHR6	7523554	CHR6:7523554	SSF x Near_LoA	-8,04131794	-0,011	0,311
CHR6	7523623	CHR6:7523623	SSF x Near_LoA	-9,47819012	-0,111	0,303
CHR6	7535536	CHR6:7535536	SSF x Near_LoA	-7,50123853	0,086	0,313
CHR6	7544709	CHR6:7544709	SSF x Near_LoA	-10,2191416	0,098	0,310
CHR6	7544734	CHR6:7544734	SSF x Near_LoA	-9,1068997	-0,025	0,312
CHR6	7544764	CHR6:7544764	SSF x Near_LoA	-8,65644058	0,106	0,313
CHR6	7544785	CHR6:7544785	SSF x Near_LoA	-7,01208012	0,106	0,309
CHR6	7558549	CHR6:7558549	SSF x Near_LoA	-10,9093692	0,024	0,320
CHR6	756201	CHR6:756201	SSF x Near_LoA	-9,232681	-0,051	0,304
CHR6	756317	CHR6:756317	SSF x Near_LoA	-7,99679429	0,142	0,297
CHR6	7563841	CHR6:7563841	SSF x Near_LoA	-11,8896023	-0,029	0,311
CHR6	7563843	CHR6:7563843	SSF x Near_LoA	-12,2159434	-0,021	0,301
CHR6	7563907	CHR6:7563907	SSF x Near_LoA	-9,06708333	-0,040	0,316
CHR6	7571124	CHR6:7571124	SSF x Near_LoA	-7,42280975	-0,066	0,310
CHR6	7573156	CHR6:7573156	SSF x Near_LoA	-5,34693502	0,115	0,304
CHR6	7573193	CHR6:7573193	SSF x Near_LoA	-8,89986036	-0,088	0,317
CHR6	7575019	CHR6:7575019	SSF x Near_LoA	-10,9465648	0,039	0,310
CHR6	7575111	CHR6:7575111	SSF x Near_LoA	-7,43079226	-0,120	0,303
CHR6	7575112	CHR6:7575112	SSF x Near_LoA	-11,3666837	-0,042	0,303
CHR6	7576405	CHR6:7576405	SSF x Near_LoA	-10,286475	-0,078	0,306
CHR6	7576407	CHR6:7576407	SSF x Near_LoA	-7,97908378	0,016	0,308
CHR6	7580230	CHR6:7580230	SSF x Near_LoA	-10,8161195	0,081	0,306
CHR6	7580338	CHR6:7580338	SSF x Near_LoA	-9,0509415	0,002	0,309
CHR6	7606782	CHR6:7606782	SSF x Near_LoA	-10,9114886	-0,049	0,302
CHR6	7606799	CHR6:7606799	SSF x Near_LoA	-9,19360449	0,018	0,307
CHR6	7606802	CHR6:7606802	SSF x Near_LoA	-8,73397751	0,017	0,314
CHR6	7606821	CHR6:7606821	SSF x Near_LoA	-10,3456288	0,085	0,308
CHR6	7606853	CHR6:7606853	SSF x Near_LoA	-8,33600388	0,167	0,300
CHR6	7606934	CHR6:7606934	SSF x Near_LoA	-9,58078991	0,112	0,318
CHR6	7606983	CHR6:7606983	SSF x Near_LoA	-9,01359858	-0,032	0,311
CHR6	7607008	CHR6:7607008	SSF x Near_LoA	-9,01957553	0,030	0,315
CHR6	7620493	CHR6:7620493	SSF x Near_LoA	-8,1018082	0,012	0,316
CHR6	7620525	CHR6:7620525	SSF x Near_LoA	-7,49697858	0,036	0,311
CHR6	7620592	CHR6:7620592	SSF x Near_LoA	-9,20132107	-0,071	0,299
CHR6	7628140	CHR6:7628140	SSF x Near_LoA	-8,81247228	0,001	0,307
CHR6	7628862	CHR6:7628862	SSF x Near_LoA	-9,00443979	-0,064	0,299
CHR6	765082	CHR6:765082	SSF x Near_LoA	-7,72721113	-0,052	0,297
CHR6	765084	CHR6:765084	SSF x Near_LoA	-8,70897158	0,004	0,300

CHR6	765194	CHR6:765194	SSF x Near_LoA	-6,21320844	-0,101	0,280
CHR6	765222	CHR6:765222	SSF x Near_LoA	-9,043184	-0,110	0,290
CHR6	765238	CHR6:765238	SSF x Near_LoA	-10,1627559	-0,042	0,305
CHR6	7652824	CHR6:7652824	SSF x Near_LoA	-9,09170077	-0,063	0,309
CHR6	7669804	CHR6:7669804	SSF x Near_LoA	-10,0977717	-0,022	0,297
CHR6	7669895	CHR6:7669895	SSF x Near_LoA	-8,95123437	0,009	0,311
CHR6	7669909	CHR6:7669909	SSF x Near_LoA	-7,55617518	-0,144	0,297
CHR6	7683812	CHR6:7683812	SSF x Near_LoA	-8,11027609	0,005	0,328
CHR6	768897	CHR6:768897	SSF x Near_LoA	-11,7533705	-0,020	0,307
CHR6	768969	CHR6:768969	SSF x Near_LoA	-10,0041002	-0,049	0,314
CHR6	7697852	CHR6:7697852	SSF x Near_LoA	-10,4572934	-0,061	0,313
CHR6	7698017	CHR6:7698017	SSF x Near_LoA	-10,9548711	-0,022	0,315
CHR6	7698029	CHR6:7698029	SSF x Near_LoA	-11,0384898	-0,001	0,305
CHR6	7698063	CHR6:7698063	SSF x Near_LoA	-9,69285948	0,107	0,298
CHR6	7701364	CHR6:7701364	SSF x Near_LoA	-9,92776454	0,098	0,308
CHR6	7723674	CHR6:7723674	SSF x Near_LoA	-8,99302308	-0,037	0,309
CHR6	7723711	CHR6:7723711	SSF x Near_LoA	-8,53530001	0,117	0,310
CHR6	7723739	CHR6:7723739	SSF x Near_LoA	-8,61295822	0,103	0,312
CHR6	7723773	CHR6:7723773	SSF x Near_LoA	-7,81756326	0,107	0,323
CHR6	7733712	CHR6:7733712	SSF x Near_LoA	-8,53550377	0,034	0,306
CHR6	7733713	CHR6:7733713	SSF x Near_LoA	-9,30306207	0,002	0,298
CHR6	7733786	CHR6:7733786	SSF x Near_LoA	-9,12053909	0,031	0,299
CHR6	7743038	CHR6:7743038	SSF x Near_LoA	-6,8359842	-0,073	0,310
CHR6	7743039	CHR6:7743039	SSF x Near_LoA	-7,97906629	-0,101	0,303
CHR6	7743125	CHR6:7743125	SSF x Near_LoA	-8,42363525	0,106	0,305
CHR6	7743131	CHR6:7743131	SSF x Near_LoA	-9,38134738	0,081	0,309
CHR6	7745464	CHR6:7745464	SSF x Near_LoA	-7,38185755	-0,073	0,314
CHR6	7745607	CHR6:7745607	SSF x Near_LoA	-11,105785	-0,018	0,314
CHR6	7751233	CHR6:7751233	SSF x Near_LoA	-10,1766202	0,039	0,316
CHR6	7759050	CHR6:7759050	SSF x Near_LoA	-9,19829519	0,000	0,311
CHR6	776937	CHR6:776937	SSF x Near_LoA	-7,71674157	0,099	0,325
CHR6	776938	CHR6:776938	SSF x Near_LoA	-7,93493886	-0,032	0,310
CHR6	777013	CHR6:777013	SSF x Near_LoA	-10,6104756	0,087	0,304
CHR6	7774664	CHR6:7774664	SSF x Near_LoA	-8,40484425	0,065	0,296
CHR6	7775449	CHR6:7775449	SSF x Near_LoA	-7,69059177	-0,013	0,319
CHR6	7779956	CHR6:7779956	SSF x Near_LoA	-7,67496492	0,066	0,322
CHR6	7779957	CHR6:7779957	SSF x Near_LoA	-8,23898847	0,074	0,296
CHR6	7792760	CHR6:7792760	SSF x Near_LoA	-8,51120007	0,083	0,306
CHR6	7792779	CHR6:7792779	SSF x Near_LoA	-11,3345683	0,045	0,314
CHR6	7792826	CHR6:7792826	SSF x Near_LoA	-7,15820137	0,057	0,304
CHR6	7792845	CHR6:7792845	SSF x Near_LoA	-8,97152955	0,027	0,311
CHR6	7792865	CHR6:7792865	SSF x Near_LoA	-1,55354852	0,106	0,304
CHR6	7792885	CHR6:7792885	SSF x Near_LoA	-10,3127525	-0,038	0,295
CHR6	7792892	CHR6:7792892	SSF x Near_LoA	-10,3371355	-0,077	0,316
CHR6	7792933	CHR6:7792933	SSF x Near_LoA	-7,23206913	0,042	0,300
CHR6	7792942	CHR6:7792942	SSF x Near_LoA	-10,5634031	-0,058	0,309
CHR6	7797662	CHR6:7797662	SSF x Near_LoA	-10,2629875	0,003	0,306
CHR6	7798318	CHR6:7798318	SSF x Near_LoA	-11,5930177	-0,097	0,293
CHR6	7798357	CHR6:7798357	SSF x Near_LoA	-2,9025263	-0,196	0,300
CHR6	7798368	CHR6:7798368	SSF x Near_LoA	9,02030826	-0,182	0,311
CHR6	7798377	CHR6:7798377	SSF x Near_LoA	-5,40863882	-0,120	0,314
CHR6	7798382	CHR6:7798382	SSF x Near_LoA	-6,57450826	-0,163	0,307
CHR6	7798399	CHR6:7798399	SSF x Near_LoA	-7,17385295	0,100	0,315

CHR6	7809570	CHR6:7809570	SSF x Near_LoA	-8,59901312	0,056	0,317
CHR6	7813329	CHR6:7813329	SSF x Near_LoA	-5,92888537	-0,072	0,302
CHR6	7825397	CHR6:7825397	SSF x Near_LoA	-7,40455595	-0,034	0,308
CHR6	7829616	CHR6:7829616	SSF x Near_LoA	-9,74892166	-0,094	0,295
CHR6	7829626	CHR6:7829626	SSF x Near_LoA	-10,9148359	-0,030	0,318
CHR6	7835790	CHR6:7835790	SSF x Near_LoA	-7,20465388	0,031	0,305
CHR6	7864872	CHR6:7864872	SSF x Near_LoA	-10,0411746	0,009	0,319
CHR6	7864925	CHR6:7864925	SSF x Near_LoA	-10,4418732	-0,007	0,308
CHR6	7864937	CHR6:7864937	SSF x Near_LoA	-7,88284105	-0,035	0,308
CHR6	7864957	CHR6:7864957	SSF x Near_LoA	-8,76403989	-0,023	0,311
CHR6	7875242	CHR6:7875242	SSF x Near_LoA	-5,44063714	-0,125	0,308
CHR6	7881375	CHR6:7881375	SSF x Near_LoA	-10,4513338	0,100	0,309
CHR6	7881390	CHR6:7881390	SSF x Near_LoA	-10,5923356	0,025	0,309
CHR6	7881522	CHR6:7881522	SSF x Near_LoA	-3,97852888	-0,079	0,313
CHR6	7881527	CHR6:7881527	SSF x Near_LoA	-10,2338018	-0,026	0,301
CHR6	7881565	CHR6:7881565	SSF x Near_LoA	7,6079802	-0,039	0,301
CHR6	7881566	CHR6:7881566	SSF x Near_LoA	-9,28797324	-0,018	0,289
CHR6	7881567	CHR6:7881567	SSF x Near_LoA	-7,58109453	-0,020	0,314
CHR6	7881568	CHR6:7881568	SSF x Near_LoA	-8,62085625	-0,039	0,308
CHR6	7886239	CHR6:7886239	SSF x Near_LoA	2,22186217	0,017	0,303
CHR6	7886328	CHR6:7886328	SSF x Near_LoA	-9,38838161	0,137	0,302
CHR6	7886347	CHR6:7886347	SSF x Near_LoA	-8,51375506	0,084	0,296
CHR6	7886361	CHR6:7886361	SSF x Near_LoA	-5,41402417	0,120	0,292
CHR6	7886368	CHR6:7886368	SSF x Near_LoA	-9,68659151	0,085	0,291
CHR6	7886397	CHR6:7886397	SSF x Near_LoA	-8,66492856	0,019	0,299
CHR6	7886403	CHR6:7886403	SSF x Near_LoA	-9,54816998	-0,008	0,303
CHR6	7886410	CHR6:7886410	SSF x Near_LoA	-9,0538595	0,026	0,305
CHR6	7890219	CHR6:7890219	SSF x Near_LoA	-6,85339921	0,112	0,299
CHR6	7890230	CHR6:7890230	SSF x Near_LoA	-7,22878435	0,117	0,304
CHR6	7890331	CHR6:7890331	SSF x Near_LoA	-10,889704	0,060	0,299
CHR6	7890341	CHR6:7890341	SSF x Near_LoA	-11,56707	0,004	0,307
CHR6	7890385	CHR6:7890385	SSF x Near_LoA	-5,05713253	0,092	0,301
CHR6	7890387	CHR6:7890387	SSF x Near_LoA	-7,40243056	-0,036	0,308
CHR6	7890467	CHR6:7890467	SSF x Near_LoA	-8,98507546	-0,104	0,319
CHR6	7893439	CHR6:7893439	SSF x Near_LoA	-11,6410654	0,089	0,291
CHR6	7908301	CHR6:7908301	SSF x Near_LoA	-7,3707575	0,010	0,309
CHR6	7908314	CHR6:7908314	SSF x Near_LoA	-8,99453826	0,026	0,306
CHR6	7908315	CHR6:7908315	SSF x Near_LoA	-7,8993616	-0,014	0,305
CHR6	7908345	CHR6:7908345	SSF x Near_LoA	-9,55593822	0,017	0,301
CHR6	7908346	CHR6:7908346	SSF x Near_LoA	-8,92095115	-0,002	0,315
CHR6	7908347	CHR6:7908347	SSF x Near_LoA	-10,1990268	-0,037	0,322
CHR6	7908363	CHR6:7908363	SSF x Near_LoA	-8,76412931	0,041	0,317
CHR6	7908395	CHR6:7908395	SSF x Near_LoA	-10,2310097	-0,068	0,311
CHR6	7908432	CHR6:7908432	SSF x Near_LoA	-9,55394349	-0,037	0,315
CHR6	7908489	CHR6:7908489	SSF x Near_LoA	-11,382922	0,042	0,299
CHR6	7913335	CHR6:7913335	SSF x Near_LoA	-9,823463	-0,035	0,309
CHR6	7913383	CHR6:7913383	SSF x Near_LoA	-7,88400471	-0,025	0,313
CHR6	7926029	CHR6:7926029	SSF x Near_LoA	-7,40979333	-0,115	0,307
CHR6	7926067	CHR6:7926067	SSF x Near_LoA	-9,09690157	-0,048	0,314
CHR6	7926077	CHR6:7926077	SSF x Near_LoA	-8,72170491	-0,071	0,316
CHR6	7926102	CHR6:7926102	SSF x Near_LoA	-10,8908389	0,070	0,310
CHR6	7926254	CHR6:7926254	SSF x Near_LoA	-7,81310896	0,109	0,304
CHR6	7926257	CHR6:7926257	SSF x Near_LoA	-8,62242538	0,090	0,292

CHR6	7926261	CHR6:7926261	SSF x Near_LoA	-9,15481058	0,099	0,301
CHR6	7930106	CHR6:7930106	SSF x Near_LoA	-5,12844908	-0,186	0,300
CHR6	7930170	CHR6:7930170	SSF x Near_LoA	-6,40748984	0,146	0,292
CHR6	7930191	CHR6:7930191	SSF x Near_LoA	-10,7053597	-0,117	0,304
CHR6	793187	CHR6:793187	SSF x Near_LoA	-9,49978535	-0,007	0,317
CHR6	7933136	CHR6:7933136	SSF x Near_LoA	-9,78348078	-0,091	0,302
CHR6	7933214	CHR6:7933214	SSF x Near_LoA	-3,43559825	0,171	0,303
CHR6	7933261	CHR6:7933261	SSF x Near_LoA	-10,8474609	0,103	0,286
CHR6	7935152	CHR6:7935152	SSF x Near_LoA	-11,1011429	-0,003	0,314
CHR6	7935179	CHR6:7935179	SSF x Near_LoA	-6,24454943	0,136	0,309
CHR6	7935835	CHR6:7935835	SSF x Near_LoA	-10,3351509	0,047	0,304
CHR6	7935896	CHR6:7935896	SSF x Near_LoA	-10,9871625	0,011	0,304
CHR6	7935917	CHR6:7935917	SSF x Near_LoA	-11,4428907	-0,030	0,314
CHR6	7935968	CHR6:7935968	SSF x Near_LoA	-9,30766458	0,021	0,310
CHR6	7947424	CHR6:7947424	SSF x Near_LoA	-11,1008444	0,028	0,293
CHR6	7950976	CHR6:7950976	SSF x Near_LoA	-9,20211508	-0,095	0,304
CHR6	7953637	CHR6:7953637	SSF x Near_LoA	-8,1897679	-0,020	0,311
CHR6	7953732	CHR6:7953732	SSF x Near_LoA	-9,95868133	0,063	0,321
CHR6	7956921	CHR6:7956921	SSF x Near_LoA	-7,63483714	-0,107	0,306
CHR6	7965714	CHR6:7965714	SSF x Near_LoA	-11,6596875	-0,001	0,321
CHR6	7965806	CHR6:7965806	SSF x Near_LoA	-5,55341977	0,126	0,285
CHR6	7975289	CHR6:7975289	SSF x Near_LoA	-10,5351828	-0,019	0,304
CHR6	7975305	CHR6:7975305	SSF x Near_LoA	-8,85037888	0,025	0,325
CHR6	7980978	CHR6:7980978	SSF x Near_LoA	-11,9819105	-0,023	0,313
CHR6	7984324	CHR6:7984324	SSF x Near_LoA	-8,6422649	0,050	0,301
CHR6	7984344	CHR6:7984344	SSF x Near_LoA	-11,3786928	0,058	0,309
CHR6	7984407	CHR6:7984407	SSF x Near_LoA	-10,4905573	-0,023	0,306
CHR6	7984413	CHR6:7984413	SSF x Near_LoA	-10,0834998	-0,015	0,306
CHR6	7984473	CHR6:7984473	SSF x Near_LoA	-11,9252325	0,012	0,298
CHR6	7984479	CHR6:7984479	SSF x Near_LoA	-9,32306394	-0,015	0,312
CHR6	7990741	CHR6:7990741	SSF x Near_LoA	-11,2221597	-0,040	0,310
CHR6	7990757	CHR6:7990757	SSF x Near_LoA	-10,7336852	0,003	0,308
CHR6	7990759	CHR6:7990759	SSF x Near_LoA	1,5858407	0,067	0,308
CHR6	8002336	CHR6:8002336	SSF x Near_LoA	-10,9642116	0,139	0,296
CHR6	8002388	CHR6:8002388	SSF x Near_LoA	-8,35465137	0,137	0,300
CHR6	8003629	CHR6:8003629	SSF x Near_LoA	-9,67979065	0,003	0,302
CHR6	8003778	CHR6:8003778	SSF x Near_LoA	-10,4514309	0,042	0,309
CHR6	8014168	CHR6:8014168	SSF x Near_LoA	-10,5454984	0,024	0,313
CHR6	8014230	CHR6:8014230	SSF x Near_LoA	-10,2924079	-0,001	0,320
CHR6	8016094	CHR6:8016094	SSF x Near_LoA	-8,10250648	0,068	0,302
CHR6	8016152	CHR6:8016152	SSF x Near_LoA	-9,76786051	-0,015	0,317
CHR6	8016166	CHR6:8016166	SSF x Near_LoA	-10,8773088	0,005	0,309
CHR6	8016167	CHR6:8016167	SSF x Near_LoA	-11,2889615	-0,126	0,307
CHR6	8016835	CHR6:8016835	SSF x Near_LoA	-11,4447426	-0,039	0,314
CHR6	8016906	CHR6:8016906	SSF x Near_LoA	-8,95776428	0,008	0,318
CHR6	8020043	CHR6:8020043	SSF x Near_LoA	-8,02511273	0,156	0,294
CHR6	8020062	CHR6:8020062	SSF x Near_LoA	-9,50065074	0,121	0,308
CHR6	8020082	CHR6:8020082	SSF x Near_LoA	-8,60047826	-0,057	0,305
CHR6	8020095	CHR6:8020095	SSF x Near_LoA	-9,68437559	-0,071	0,297
CHR6	8020108	CHR6:8020108	SSF x Near_LoA	-8,97339224	-0,056	0,301
CHR6	8020111	CHR6:8020111	SSF x Near_LoA	0,9676294	-0,071	0,308
CHR6	8020113	CHR6:8020113	SSF x Near_LoA	-6,60871494	-0,057	0,305
CHR6	8020119	CHR6:8020119	SSF x Near_LoA	-8,52610769	-0,098	0,299

CHR6	8020140	CHR6:8020140	SSF x Near_LoA	-4,39324482	-0,064	0,297
CHR6	8020145	CHR6:8020145	SSF x Near_LoA	-9,06371086	-0,064	0,300
CHR6	8020146	CHR6:8020146	SSF x Near_LoA	-8,62647198	-0,083	0,302
CHR6	8020193	CHR6:8020193	SSF x Near_LoA	-7,47638493	0,007	0,308
CHR6	8020200	CHR6:8020200	SSF x Near_LoA	-0,74761015	0,020	0,306
CHR6	8020216	CHR6:8020216	SSF x Near_LoA	-9,59620903	0,085	0,299
CHR6	8023664	CHR6:8023664	SSF x Near_LoA	-6,9177821	-0,068	0,307
CHR6	8023692	CHR6:8023692	SSF x Near_LoA	-8,95726097	-0,019	0,318
CHR6	8023758	CHR6:8023758	SSF x Near_LoA	-10,9046396	0,013	0,315
CHR6	8023855	CHR6:8023855	SSF x Near_LoA	-8,53640208	-0,029	0,307
CHR6	8023879	CHR6:8023879	SSF x Near_LoA	-11,3924821	-0,014	0,296
CHR6	8023924	CHR6:8023924	SSF x Near_LoA	-10,9674464	0,026	0,312
CHR6	8028327	CHR6:8028327	SSF x Near_LoA	-9,92305208	-0,008	0,309
CHR6	8034662	CHR6:8034662	SSF x Near_LoA	-8,70055887	-0,026	0,311
CHR6	8034707	CHR6:8034707	SSF x Near_LoA	-11,0946677	0,113	0,303
CHR6	8034774	CHR6:8034774	SSF x Near_LoA	-9,98601125	0,089	0,303
CHR6	8035975	CHR6:8035975	SSF x Near_LoA	-8,41619617	0,014	0,309
CHR6	8037846	CHR6:8037846	SSF x Near_LoA	-8,45448368	-0,054	0,302
CHR6	8038168	CHR6:8038168	SSF x Near_LoA	-10,3920431	-0,070	0,305
CHR6	8049521	CHR6:8049521	SSF x Near_LoA	-7,93564416	0,029	0,311
CHR6	8049581	CHR6:8049581	SSF x Near_LoA	-10,8689397	-0,045	0,310
CHR6	8049583	CHR6:8049583	SSF x Near_LoA	-9,97703194	-0,041	0,312
CHR6	8052596	CHR6:8052596	SSF x Near_LoA	-11,8617832	-0,068	0,318
CHR6	8052677	CHR6:8052677	SSF x Near_LoA	-7,57224263	-0,139	0,300
CHR6	8054335	CHR6:8054335	SSF x Near_LoA	-11,3408697	-0,122	0,294
CHR6	8054357	CHR6:8054357	SSF x Near_LoA	-10,7551758	0,058	0,309
CHR6	8054543	CHR6:8054543	SSF x Near_LoA	-10,6238768	0,074	0,298
CHR6	8068264	CHR6:8068264	SSF x Near_LoA	-10,4645998	0,081	0,304
CHR6	8068312	CHR6:8068312	SSF x Near_LoA	-11,4766412	0,029	0,299
CHR6	8068314	CHR6:8068314	SSF x Near_LoA	-10,8739643	0,013	0,324
CHR6	8068337	CHR6:8068337	SSF x Near_LoA	-12,3412835	-0,009	0,293
CHR6	8068350	CHR6:8068350	SSF x Near_LoA	-7,50415615	-0,085	0,294
CHR6	8068538	CHR6:8068538	SSF x Near_LoA	-5,8305618	0,024	0,306
CHR6	8069904	CHR6:8069904	SSF x Near_LoA	-9,9381569	-0,038	0,303
CHR6	8069919	CHR6:8069919	SSF x Near_LoA	-8,1320113	-0,021	0,312
CHR6	8069959	CHR6:8069959	SSF x Near_LoA	-8,06671553	0,068	0,303
CHR6	8069978	CHR6:8069978	SSF x Near_LoA	-10,1271717	0,110	0,297
CHR6	8071894	CHR6:8071894	SSF x Near_LoA	-11,1430326	-0,077	0,308
CHR6	8071906	CHR6:8071906	SSF x Near_LoA	-11,2575863	-0,050	0,307
CHR6	8071907	CHR6:8071907	SSF x Near_LoA	-12,5693575	-0,052	0,299
CHR6	8071952	CHR6:8071952	SSF x Near_LoA	-11,1447845	-0,090	0,310
CHR6	8071991	CHR6:8071991	SSF x Near_LoA	-10,3450586	0,026	0,304
CHR6	8072044	CHR6:8072044	SSF x Near_LoA	-8,62377731	0,025	0,321
CHR6	8073664	CHR6:8073664	SSF x Near_LoA	-3,12127792	-0,138	0,296
CHR6	8081676	CHR6:8081676	SSF x Near_LoA	-11,3775703	-0,009	0,304
CHR6	8081693	CHR6:8081693	SSF x Near_LoA	-9,78692252	0,049	0,309
CHR6	8081846	CHR6:8081846	SSF x Near_LoA	-9,20691208	0,068	0,312
CHR6	8086632	CHR6:8086632	SSF x Near_LoA	-7,55307868	0,048	0,317
CHR6	8086665	CHR6:8086665	SSF x Near_LoA	-6,48630719	0,110	0,302
CHR6	8091736	CHR6:8091736	SSF x Near_LoA	-10,6726372	0,129	0,290
CHR6	8093413	CHR6:8093413	SSF x Near_LoA	-10,7473454	0,065	0,301
CHR6	8093414	CHR6:8093414	SSF x Near_LoA	-9,73584995	0,130	0,299
CHR6	8093459	CHR6:8093459	SSF x Near_LoA	-9,09075929	0,138	0,302

CHR6	8093501	CHR6:8093501	SSF x Near_LoA	-10,8409585	-0,043	0,304
CHR6	8093508	CHR6:8093508	SSF x Near_LoA	-6,97047594	0,172	0,301
CHR6	8093545	CHR6:8093545	SSF x Near_LoA	-11,0083498	-0,039	0,321
CHR6	8099848	CHR6:8099848	SSF x Near_LoA	-10,3587673	0,068	0,313
CHR6	8099852	CHR6:8099852	SSF x Near_LoA	-10,3717291	0,059	0,310
CHR6	8099862	CHR6:8099862	SSF x Near_LoA	-9,4837795	-0,113	0,308
CHR6	8110004	CHR6:8110004	SSF x Near_LoA	0,58397381	0,182	0,302
CHR6	8110025	CHR6:8110025	SSF x Near_LoA	-10,7167228	0,067	0,301
CHR6	8110056	CHR6:8110056	SSF x Near_LoA	-7,85867705	-0,038	0,303
CHR6	8110118	CHR6:8110118	SSF x Near_LoA	-7,15899761	-0,154	0,296
CHR6	8110147	CHR6:8110147	SSF x Near_LoA	-9,10851573	0,017	0,300
CHR6	8110165	CHR6:8110165	SSF x Near_LoA	-10,7379637	-0,062	0,308
CHR6	8110174	CHR6:8110174	SSF x Near_LoA	-9,14464509	-0,071	0,323
CHR6	8110183	CHR6:8110183	SSF x Near_LoA	-8,38354576	-0,062	0,316
CHR6	8110219	CHR6:8110219	SSF x Near_LoA	-8,38558268	-0,024	0,322
CHR6	8128827	CHR6:8128827	SSF x Near_LoA	-11,0437408	-0,060	0,295
CHR6	8135297	CHR6:8135297	SSF x Near_LoA	-12,149218	0,052	0,305
CHR6	813562	CHR6:813562	SSF x Near_LoA	-9,51031437	-0,004	0,323
CHR6	813594	CHR6:813594	SSF x Near_LoA	-8,39408061	-0,137	0,310
CHR6	8164822	CHR6:8164822	SSF x Near_LoA	-8,67528312	-0,086	0,310
CHR6	8164845	CHR6:8164845	SSF x Near_LoA	-8,11811627	0,072	0,315
CHR6	8164883	CHR6:8164883	SSF x Near_LoA	-2,83715702	-0,121	0,297
CHR6	8165097	CHR6:8165097	SSF x Near_LoA	-8,36296673	0,132	0,290
CHR6	8166227	CHR6:8166227	SSF x Near_LoA	-10,3030651	0,004	0,317
CHR6	8166232	CHR6:8166232	SSF x Near_LoA	-5,92445856	-0,003	0,307
CHR6	8166927	CHR6:8166927	SSF x Near_LoA	-5,81087931	-0,075	0,295
CHR6	8167039	CHR6:8167039	SSF x Near_LoA	-7,96928996	-0,020	0,289
CHR6	8169620	CHR6:8169620	SSF x Near_LoA	-9,71640435	-0,010	0,320
CHR6	818934	CHR6:818934	SSF x Near_LoA	-11,3585929	-0,068	0,294
CHR6	818984	CHR6:818984	SSF x Near_LoA	-8,5713071	0,033	0,328
CHR6	819020	CHR6:819020	SSF x Near_LoA	-7,97671714	0,069	0,314
CHR6	819051	CHR6:819051	SSF x Near_LoA	-8,77559386	0,080	0,309
CHR6	819110	CHR6:819110	SSF x Near_LoA	-6,18661165	-0,075	0,320
CHR6	8194515	CHR6:8194515	SSF x Near_LoA	-8,5131338	0,009	0,304
CHR6	8196464	CHR6:8196464	SSF x Near_LoA	-8,81239527	0,150	0,287
CHR6	8201511	CHR6:8201511	SSF x Near_LoA	-7,37234359	-0,001	0,309
CHR6	8201516	CHR6:8201516	SSF x Near_LoA	-8,81750665	0,018	0,314
CHR6	8201529	CHR6:8201529	SSF x Near_LoA	-8,98259126	-0,007	0,303
CHR6	8201566	CHR6:8201566	SSF x Near_LoA	-9,70368255	-0,001	0,294
CHR6	8201596	CHR6:8201596	SSF x Near_LoA	-9,88342832	0,005	0,313
CHR6	8213719	CHR6:8213719	SSF x Near_LoA	-11,2431909	-0,007	0,307
CHR6	8220113	CHR6:8220113	SSF x Near_LoA	-10,8954394	0,050	0,312
CHR6	8220114	CHR6:8220114	SSF x Near_LoA	-8,67396504	-0,080	0,307
CHR6	8226616	CHR6:8226616	SSF x Near_LoA	-9,9830796	0,006	0,308
CHR6	8244475	CHR6:8244475	SSF x Near_LoA	-10,045953	-0,011	0,310
CHR6	8256232	CHR6:8256232	SSF x Near_LoA	-5,94851233	-0,069	0,305
CHR6	8256255	CHR6:8256255	SSF x Near_LoA	-7,09360096	0,152	0,306
CHR6	8256276	CHR6:8256276	SSF x Near_LoA	-10,3974392	0,047	0,305
CHR6	8256286	CHR6:8256286	SSF x Near_LoA	-11,508051	0,023	0,293
CHR6	8256337	CHR6:8256337	SSF x Near_LoA	-7,0766849	-0,076	0,304
CHR6	8258611	CHR6:8258611	SSF x Near_LoA	-10,6099112	-0,024	0,316
CHR6	8269254	CHR6:8269254	SSF x Near_LoA	-9,84595109	-0,083	0,300
CHR6	8269258	CHR6:8269258	SSF x Near_LoA	-8,54116382	-0,067	0,308

CHR6	8270979	CHR6:8270979	SSF x Near_LoA	-10,5139817	0,052	0,306
CHR6	8284296	CHR6:8284296	SSF x Near_LoA	-12,3251339	-0,026	0,298
CHR6	8284318	CHR6:8284318	SSF x Near_LoA	-7,71858809	0,028	0,309
CHR6	8284357	CHR6:8284357	SSF x Near_LoA	-7,41457397	0,010	0,311
CHR6	8296827	CHR6:8296827	SSF x Near_LoA	-10,7220117	-0,059	0,301
CHR6	8296860	CHR6:8296860	SSF x Near_LoA	-9,50221169	0,079	0,303
CHR6	8296862	CHR6:8296862	SSF x Near_LoA	-11,1817355	0,017	0,314
CHR6	8296907	CHR6:8296907	SSF x Near_LoA	-7,95101014	0,072	0,297
CHR6	8296985	CHR6:8296985	SSF x Near_LoA	-9,94369114	-0,141	0,303
CHR6	8297029	CHR6:8297029	SSF x Near_LoA	-8,30228861	0,043	0,303
CHR6	8297047	CHR6:8297047	SSF x Near_LoA	-11,2094637	-0,012	0,314
CHR6	8298561	CHR6:8298561	SSF x Near_LoA	-8,7892224	-0,017	0,314
CHR6	8302695	CHR6:8302695	SSF x Near_LoA	-7,2202215	-0,148	0,294
CHR6	8315208	CHR6:8315208	SSF x Near_LoA	-9,54401132	-0,015	0,311
CHR6	8315219	CHR6:8315219	SSF x Near_LoA	-6,57063776	-0,030	0,303
CHR6	8323809	CHR6:8323809	SSF x Near_LoA	-10,1339859	-0,004	0,309
CHR6	8323909	CHR6:8323909	SSF x Near_LoA	-9,94495525	-0,066	0,313
CHR6	8334779	CHR6:8334779	SSF x Near_LoA	-7,74549824	-0,043	0,310
CHR6	8347876	CHR6:8347876	SSF x Near_LoA	-7,50648776	0,096	0,312
CHR6	8347920	CHR6:8347920	SSF x Near_LoA	-9,87166963	0,016	0,291
CHR6	8353077	CHR6:8353077	SSF x Near_LoA	-8,77936489	0,117	0,315
CHR6	8353079	CHR6:8353079	SSF x Near_LoA	-8,69063071	0,157	0,298
CHR6	8353989	CHR6:8353989	SSF x Near_LoA	-9,73205232	0,026	0,311
CHR6	8359607	CHR6:8359607	SSF x Near_LoA	-10,2712499	0,061	0,311
CHR6	8376755	CHR6:8376755	SSF x Near_LoA	-10,8244509	-0,016	0,326
CHR6	8391501	CHR6:8391501	SSF x Near_LoA	-5,63745543	0,114	0,314
CHR6	8391581	CHR6:8391581	SSF x Near_LoA	-8,26610773	-0,006	0,313
CHR6	8413317	CHR6:8413317	SSF x Near_LoA	-6,48205441	0,085	0,308
CHR6	8413335	CHR6:8413335	SSF x Near_LoA	-9,56520189	0,028	0,294
CHR6	8413438	CHR6:8413438	SSF x Near_LoA	-1,8880319	-0,099	0,311
CHR6	8413491	CHR6:8413491	SSF x Near_LoA	-6,95897841	-0,086	0,321
CHR6	8423671	CHR6:8423671	SSF x Near_LoA	-6,47850834	-0,152	0,308
CHR6	8423680	CHR6:8423680	SSF x Near_LoA	-6,10574705	0,136	0,293
CHR6	8423729	CHR6:8423729	SSF x Near_LoA	-5,01636331	0,242	0,280
CHR6	8423749	CHR6:8423749	SSF x Near_LoA	-8,2384862	-0,102	0,293
CHR6	8452704	CHR6:8452704	SSF x Near_LoA	-8,57456247	0,072	0,314
CHR6	8452748	CHR6:8452748	SSF x Near_LoA	-5,89041818	-0,137	0,299
CHR6	8452780	CHR6:8452780	SSF x Near_LoA	-9,56500605	-0,049	0,300
CHR6	8459503	CHR6:8459503	SSF x Near_LoA	-7,61094443	-0,024	0,317
CHR6	8459522	CHR6:8459522	SSF x Near_LoA	-7,71643136	-0,072	0,312
CHR6	8459567	CHR6:8459567	SSF x Near_LoA	-9,8241266	-0,017	0,298
CHR6	8464966	CHR6:8464966	SSF x Near_LoA	-9,79922935	0,040	0,292
CHR6	8465618	CHR6:8465618	SSF x Near_LoA	-8,22509721	-0,116	0,303
CHR6	8479970	CHR6:8479970	SSF x Near_LoA	-7,36646364	-0,009	0,309
CHR6	8479972	CHR6:8479972	SSF x Near_LoA	-10,9878342	-0,086	0,311
CHR6	8480000	CHR6:8480000	SSF x Near_LoA	-9,03604937	-0,131	0,299
CHR6	8480018	CHR6:8480018	SSF x Near_LoA	-4,64053138	0,081	0,305
CHR6	8480024	CHR6:8480024	SSF x Near_LoA	-7,68739027	0,005	0,306
CHR6	8480163	CHR6:8480163	SSF x Near_LoA	-10,2935229	-0,071	0,315
CHR6	8483783	CHR6:8483783	SSF x Near_LoA	-11,5412777	-0,052	0,296
CHR6	8483812	CHR6:8483812	SSF x Near_LoA	-9,4206546	-0,031	0,300
CHR6	8483824	CHR6:8483824	SSF x Near_LoA	-8,55320052	0,112	0,299
CHR6	8483971	CHR6:8483971	SSF x Near_LoA	-10,884717	-0,087	0,307

CHR6	849647	CHR6:849647	SSF x Near_LoA	-9,46802148	-0,016	0,308
CHR6	8497278	CHR6:8497278	SSF x Near_LoA	-8,61382837	-0,012	0,299
CHR6	8497324	CHR6:8497324	SSF x Near_LoA	-8,18527858	-0,105	0,309
CHR6	8497371	CHR6:8497371	SSF x Near_LoA	-7,38973764	0,014	0,328
CHR6	8499003	CHR6:8499003	SSF x Near_LoA	-9,6568972	-0,064	0,310
CHR6	8499011	CHR6:8499011	SSF x Near_LoA	-8,6051501	-0,093	0,302
CHR6	8500260	CHR6:8500260	SSF x Near_LoA	-9,51481779	-0,046	0,314
CHR6	8500271	CHR6:8500271	SSF x Near_LoA	-10,21014	-0,029	0,315
CHR6	850267	CHR6:850267	SSF x Near_LoA	-9,4427007	0,002	0,318
CHR6	8503674	CHR6:8503674	SSF x Near_LoA	-10,4050765	-0,064	0,311
CHR6	8503698	CHR6:8503698	SSF x Near_LoA	-10,7874647	0,062	0,302
CHR6	8508250	CHR6:8508250	SSF x Near_LoA	-8,18415161	-0,036	0,304
CHR6	8508328	CHR6:8508328	SSF x Near_LoA	-9,65182002	0,044	0,303
CHR6	8508337	CHR6:8508337	SSF x Near_LoA	-8,54034293	0,034	0,302
CHR6	8516287	CHR6:8516287	SSF x Near_LoA	-8,48114906	0,158	0,311
CHR6	8516304	CHR6:8516304	SSF x Near_LoA	-8,87467673	-0,015	0,295
CHR6	8527062	CHR6:8527062	SSF x Near_LoA	-8,25442687	0,022	0,320
CHR6	8527149	CHR6:8527149	SSF x Near_LoA	-8,76048952	0,058	0,317
CHR6	8527191	CHR6:8527191	SSF x Near_LoA	-5,92921414	0,001	0,313
CHR6	8528142	CHR6:8528142	SSF x Near_LoA	-7,47232249	0,057	0,311
CHR6	8528224	CHR6:8528224	SSF x Near_LoA	-9,36135176	0,026	0,288
CHR6	8528245	CHR6:8528245	SSF x Near_LoA	2,62530284	-0,231	0,292
CHR6	8528248	CHR6:8528248	SSF x Near_LoA	-8,72514106	0,027	0,309
CHR6	8536453	CHR6:8536453	SSF x Near_LoA	-11,6999023	-0,050	0,301
CHR6	8554040	CHR6:8554040	SSF x Near_LoA	-10,2514111	0,068	0,309
CHR6	8574271	CHR6:8574271	SSF x Near_LoA	-9,0088223	0,084	0,301
CHR6	8574502	CHR6:8574502	SSF x Near_LoA	-5,83463177	0,008	0,299
CHR6	8582589	CHR6:8582589	SSF x Near_LoA	-8,06222795	0,031	0,301
CHR6	8582669	CHR6:8582669	SSF x Near_LoA	-9,94399281	0,080	0,301
CHR6	8582695	CHR6:8582695	SSF x Near_LoA	-11,0680759	0,122	0,304
CHR6	8583142	CHR6:8583142	SSF x Near_LoA	-7,74807988	-0,134	0,314
CHR6	8583155	CHR6:8583155	SSF x Near_LoA	-4,71634246	-0,201	0,310
CHR6	8590366	CHR6:8590366	SSF x Near_LoA	-11,4075001	0,074	0,313
CHR6	8590380	CHR6:8590380	SSF x Near_LoA	-2,87792784	-0,083	0,310
CHR6	8622315	CHR6:8622315	SSF x Near_LoA	-9,03333159	0,069	0,309
CHR6	8627881	CHR6:8627881	SSF x Near_LoA	-8,34889634	0,006	0,309
CHR6	8631634	CHR6:8631634	SSF x Near_LoA	-8,2464704	-0,016	0,309
CHR6	8633582	CHR6:8633582	SSF x Near_LoA	-6,83248705	0,010	0,304
CHR6	8637152	CHR6:8637152	SSF x Near_LoA	-9,56157103	-0,055	0,313
CHR6	8637161	CHR6:8637161	SSF x Near_LoA	-7,61229062	0,084	0,317
CHR6	8637233	CHR6:8637233	SSF x Near_LoA	-9,34266459	-0,044	0,296
CHR6	8637236	CHR6:8637236	SSF x Near_LoA	-10,2621178	-0,044	0,294
CHR6	8637356	CHR6:8637356	SSF x Near_LoA	-9,53307996	0,021	0,305
CHR6	8641749	CHR6:8641749	SSF x Near_LoA	-9,89442252	-0,005	0,306
CHR6	8641825	CHR6:8641825	SSF x Near_LoA	-11,177381	0,045	0,293
CHR6	8641842	CHR6:8641842	SSF x Near_LoA	-9,96247416	0,103	0,304
CHR6	8643880	CHR6:8643880	SSF x Near_LoA	-10,5680873	0,075	0,313
CHR6	8643994	CHR6:8643994	SSF x Near_LoA	-7,18032944	-0,108	0,311
CHR6	8644023	CHR6:8644023	SSF x Near_LoA	-6,95713315	0,027	0,319
CHR6	8654205	CHR6:8654205	SSF x Near_LoA	-9,09120908	-0,100	0,315
CHR6	8654235	CHR6:8654235	SSF x Near_LoA	-8,68186994	-0,054	0,314
CHR6	8654282	CHR6:8654282	SSF x Near_LoA	-8,10129094	-0,050	0,301
CHR6	8657128	CHR6:8657128	SSF x Near_LoA	-9,091245	-0,074	0,285

CHR6	8682124	CHR6:8682124	SSF x Near_LoA	-10,6640327	0,019	0,307
CHR6	8683963	CHR6:8683963	SSF x Near_LoA	-9,81298122	0,020	0,315
CHR6	8683981	CHR6:8683981	SSF x Near_LoA	-7,43233582	-0,003	0,321
CHR6	8684041	CHR6:8684041	SSF x Near_LoA	9,97824557	-0,052	0,307
CHR6	8689325	CHR6:8689325	SSF x Near_LoA	-7,6551689	0,019	0,307
CHR6	869450	CHR6:869450	SSF x Near_LoA	-8,08619799	0,025	0,304
CHR6	869494	CHR6:869494	SSF x Near_LoA	-9,10567945	0,034	0,315
CHR6	8705385	CHR6:8705385	SSF x Near_LoA	-10,530921	0,032	0,306
CHR6	8705588	CHR6:8705588	SSF x Near_LoA	-10,1046282	0,050	0,306
CHR6	8724196	CHR6:8724196	SSF x Near_LoA	-8,62712669	-0,070	0,311
CHR6	8730874	CHR6:8730874	SSF x Near_LoA	-8,4246766	0,152	0,293
CHR6	8730962	CHR6:8730962	SSF x Near_LoA	-8,93209419	0,113	0,306
CHR6	8730988	CHR6:8730988	SSF x Near_LoA	-8,2616905	0,136	0,308
CHR6	8731040	CHR6:8731040	SSF x Near_LoA	-8,77275202	0,153	0,286
CHR6	8736567	CHR6:8736567	SSF x Near_LoA	-9,01012716	-0,074	0,312
CHR6	8736752	CHR6:8736752	SSF x Near_LoA	-7,71357183	-0,094	0,309
CHR6	8748768	CHR6:8748768	SSF x Near_LoA	-9,24386527	-0,002	0,323
CHR6	8748783	CHR6:8748783	SSF x Near_LoA	-9,99119289	-0,043	0,302
CHR6	8748794	CHR6:8748794	SSF x Near_LoA	-5,41448292	0,060	0,317
CHR6	8748815	CHR6:8748815	SSF x Near_LoA	-7,29267311	0,055	0,322
CHR6	8748843	CHR6:8748843	SSF x Near_LoA	-5,19571659	0,065	0,315
CHR6	8759533	CHR6:8759533	SSF x Near_LoA	-5,56535525	0,129	0,303
CHR6	8759554	CHR6:8759554	SSF x Near_LoA	-6,78747952	-0,182	0,308
CHR6	8759588	CHR6:8759588	SSF x Near_LoA	-7,62332162	-0,200	0,296
CHR6	8759622	CHR6:8759622	SSF x Near_LoA	-7,73000787	-0,129	0,304
CHR6	8761967	CHR6:8761967	SSF x Near_LoA	-8,92995615	0,047	0,299
CHR6	8762874	CHR6:8762874	SSF x Near_LoA	-9,38874569	0,089	0,285
CHR6	877028	CHR6:877028	SSF x Near_LoA	-9,07743426	0,171	0,300
CHR6	877075	CHR6:877075	SSF x Near_LoA	-9,39713536	-0,108	0,305
CHR6	877101	CHR6:877101	SSF x Near_LoA	-8,12434564	0,071	0,308
CHR6	877131	CHR6:877131	SSF x Near_LoA	-9,18643334	0,049	0,304
CHR6	877187	CHR6:877187	SSF x Near_LoA	-8,49086388	-0,154	0,292
CHR6	877292	CHR6:877292	SSF x Near_LoA	-11,1369049	-0,037	0,321
CHR6	8773981	CHR6:8773981	SSF x Near_LoA	-10,6455843	-0,073	0,309
CHR6	8780598	CHR6:8780598	SSF x Near_LoA	-10,7716474	-0,039	0,306
CHR6	8780729	CHR6:8780729	SSF x Near_LoA	-9,55970022	0,081	0,284
CHR6	8782830	CHR6:8782830	SSF x Near_LoA	-11,0705683	-0,010	0,310
CHR6	8782940	CHR6:8782940	SSF x Near_LoA	-10,8865134	0,082	0,295
CHR6	8793685	CHR6:8793685	SSF x Near_LoA	-10,5783946	-0,037	0,305
CHR6	8793691	CHR6:8793691	SSF x Near_LoA	-7,51466249	0,081	0,316
CHR6	8810112	CHR6:8810112	SSF x Near_LoA	-11,1089486	0,107	0,301
CHR6	8810277	CHR6:8810277	SSF x Near_LoA	-9,46669778	0,044	0,305
CHR6	8810299	CHR6:8810299	SSF x Near_LoA	-8,08204245	0,037	0,303
CHR6	881771	CHR6:881771	SSF x Near_LoA	-9,10029734	0,013	0,312
CHR6	881781	CHR6:881781	SSF x Near_LoA	-8,42914245	0,041	0,300
CHR6	881868	CHR6:881868	SSF x Near_LoA	-8,73620012	-0,077	0,289
CHR6	881911	CHR6:881911	SSF x Near_LoA	-9,5666006	0,009	0,309
CHR6	8879957	CHR6:8879957	SSF x Near_LoA	-9,56220962	0,051	0,305
CHR6	8889980	CHR6:8889980	SSF x Near_LoA	-8,14861819	0,020	0,317
CHR6	8890013	CHR6:8890013	SSF x Near_LoA	-8,98996957	-0,037	0,308
CHR6	8890024	CHR6:8890024	SSF x Near_LoA	-9,44718502	-0,023	0,307
CHR6	8894475	CHR6:8894475	SSF x Near_LoA	-11,3241312	0,005	0,311
CHR6	8899079	CHR6:8899079	SSF x Near_LoA	-9,5696758	0,101	0,296

CHR6	8899097	CHR6:8899097	SSF x Near_LoA	-10,0051128	0,032	0,313
CHR6	8899203	CHR6:8899203	SSF x Near_LoA	-9,48330496	-0,090	0,312
CHR6	8906792	CHR6:8906792	SSF x Near_LoA	-11,0129489	0,023	0,302
CHR6	8906817	CHR6:8906817	SSF x Near_LoA	-1,67336538	0,072	0,294
CHR6	8906979	CHR6:8906979	SSF x Near_LoA	-9,27877524	0,007	0,309
CHR6	8908327	CHR6:8908327	SSF x Near_LoA	-7,98843531	-0,088	0,306
CHR6	8908476	CHR6:8908476	SSF x Near_LoA	-4,68551658	-0,174	0,309
CHR6	8913838	CHR6:8913838	SSF x Near_LoA	-9,12358868	-0,012	0,301
CHR6	8913868	CHR6:8913868	SSF x Near_LoA	-8,89711061	-0,049	0,295
CHR6	8913877	CHR6:8913877	SSF x Near_LoA	-7,88881482	0,068	0,309
CHR6	8913893	CHR6:8913893	SSF x Near_LoA	-8,64311342	0,067	0,298
CHR6	8922177	CHR6:8922177	SSF x Near_LoA	-7,70587884	0,096	0,300
CHR6	8932300	CHR6:8932300	SSF x Near_LoA	-7,9185842	0,062	0,316
CHR6	8935327	CHR6:8935327	SSF x Near_LoA	-9,96929794	-0,086	0,300
CHR6	8935513	CHR6:8935513	SSF x Near_LoA	-8,19220367	-0,107	0,297
CHR6	8940637	CHR6:8940637	SSF x Near_LoA	-2,41731361	-0,125	0,293
CHR6	8940786	CHR6:8940786	SSF x Near_LoA	-9,05233421	0,046	0,310
CHR6	8946783	CHR6:8946783	SSF x Near_LoA	-9,22548323	-0,004	0,327
CHR6	8946794	CHR6:8946794	SSF x Near_LoA	-8,04517872	-0,042	0,312
CHR6	8946837	CHR6:8946837	SSF x Near_LoA	-9,99274469	-0,072	0,310
CHR6	895055	CHR6:895055	SSF x Near_LoA	-9,86318206	-0,032	0,313
CHR6	8951140	CHR6:8951140	SSF x Near_LoA	-8,7310638	0,004	0,314
CHR6	8951187	CHR6:8951187	SSF x Near_LoA	-6,0529905	-0,109	0,310
CHR6	8958293	CHR6:8958293	SSF x Near_LoA	-8,03213582	0,113	0,309
CHR6	8964073	CHR6:8964073	SSF x Near_LoA	-10,6703935	-0,041	0,299
CHR6	8964173	CHR6:8964173	SSF x Near_LoA	-5,79834777	0,078	0,307
CHR6	8969029	CHR6:8969029	SSF x Near_LoA	-10,6790368	0,125	0,303
CHR6	8969079	CHR6:8969079	SSF x Near_LoA	-1,31130344	0,150	0,301
CHR6	8969135	CHR6:8969135	SSF x Near_LoA	-4,56076631	0,050	0,320
CHR6	8969146	CHR6:8969146	SSF x Near_LoA	-9,30360697	0,013	0,302
CHR6	8969158	CHR6:8969158	SSF x Near_LoA	-9,0005224	-0,132	0,311
CHR6	8969167	CHR6:8969167	SSF x Near_LoA	-7,22547131	-0,133	0,304
CHR6	8973051	CHR6:8973051	SSF x Near_LoA	-9,27479825	0,160	0,291
CHR6	8973059	CHR6:8973059	SSF x Near_LoA	-8,83445438	-0,103	0,315
CHR6	8973090	CHR6:8973090	SSF x Near_LoA	3,81200206	-0,126	0,315
CHR6	8973102	CHR6:8973102	SSF x Near_LoA	-11,0750897	-0,103	0,311
CHR6	8973190	CHR6:8973190	SSF x Near_LoA	-8,1608278	-0,025	0,310
CHR6	8973219	CHR6:8973219	SSF x Near_LoA	-9,54746462	0,026	0,305
CHR6	8973265	CHR6:8973265	SSF x Near_LoA	-9,69515952	-0,029	0,301
CHR6	8973268	CHR6:8973268	SSF x Near_LoA	-7,8290799	-0,070	0,299
CHR6	8978174	CHR6:8978174	SSF x Near_LoA	-6,23798043	0,117	0,305
CHR6	8978230	CHR6:8978230	SSF x Near_LoA	-9,5105939	0,062	0,301
CHR6	8978266	CHR6:8978266	SSF x Near_LoA	-9,72941605	-0,053	0,310
CHR6	8978369	CHR6:8978369	SSF x Near_LoA	-11,8249379	0,037	0,302
CHR6	8978399	CHR6:8978399	SSF x Near_LoA	-7,7025724	0,016	0,309
CHR6	8978426	CHR6:8978426	SSF x Near_LoA	-8,93219764	-0,044	0,318
CHR6	8994313	CHR6:8994313	SSF x Near_LoA	-7,37044975	0,048	0,305
CHR6	8994540	CHR6:8994540	SSF x Near_LoA	-10,0757075	0,061	0,307
CHR6	8995885	CHR6:8995885	SSF x Near_LoA	-10,9234905	-0,052	0,302
CHR6	9004066	CHR6:9004066	SSF x Near_LoA	-9,76035596	0,105	0,293
CHR6	9004152	CHR6:9004152	SSF x Near_LoA	-8,81000407	0,100	0,298
CHR6	902697	CHR6:902697	SSF x Near_LoA	-9,61721449	0,035	0,290
CHR6	902726	CHR6:902726	SSF x Near_LoA	-9,3456611	-0,018	0,322

CHR6	902762	CHR6:902762	SSF x Near_LoA	-5,22091011	-0,078	0,314
CHR6	902767	CHR6:902767	SSF x Near_LoA	-11,1026068	0,050	0,316
CHR6	902786	CHR6:902786	SSF x Near_LoA	-9,68523469	-0,039	0,308
CHR6	9045778	CHR6:9045778	SSF x Near_LoA	-9,76488562	-0,018	0,328
CHR6	9047419	CHR6:9047419	SSF x Near_LoA	-8,86113776	0,077	0,304
CHR6	9047530	CHR6:9047530	SSF x Near_LoA	-7,97187036	-0,013	0,312
CHR6	9050354	CHR6:9050354	SSF x Near_LoA	-6,80284195	-0,074	0,306
CHR6	9050369	CHR6:9050369	SSF x Near_LoA	-9,01049401	-0,023	0,310
CHR6	9050371	CHR6:9050371	SSF x Near_LoA	-11,5394509	-0,021	0,309
CHR6	9050441	CHR6:9050441	SSF x Near_LoA	-7,91726186	0,070	0,300
CHR6	9050484	CHR6:9050484	SSF x Near_LoA	-9,82978025	-0,065	0,308
CHR6	9063714	CHR6:9063714	SSF x Near_LoA	-8,41167292	-0,126	0,311
CHR6	9063812	CHR6:9063812	SSF x Near_LoA	-10,741482	0,020	0,314
CHR6	9063845	CHR6:9063845	SSF x Near_LoA	-8,72676851	0,024	0,306
CHR6	9075393	CHR6:9075393	SSF x Near_LoA	-7,50182576	-0,045	0,315
CHR6	9075400	CHR6:9075400	SSF x Near_LoA	-10,6028947	-0,062	0,310
CHR6	9078929	CHR6:9078929	SSF x Near_LoA	-9,15963783	0,008	0,323
CHR6	9078946	CHR6:9078946	SSF x Near_LoA	-8,26908721	-0,071	0,314
CHR6	9089196	CHR6:9089196	SSF x Near_LoA	-9,40909787	-0,072	0,292
CHR6	9092588	CHR6:9092588	SSF x Near_LoA	-5,99359011	0,010	0,335
CHR6	9097635	CHR6:9097635	SSF x Near_LoA	-8,45163646	-0,080	0,304
CHR6	9104774	CHR6:9104774	SSF x Near_LoA	-9,2117226	0,011	0,305
CHR6	9104778	CHR6:9104778	SSF x Near_LoA	-5,49032293	0,084	0,301
CHR6	9109794	CHR6:9109794	SSF x Near_LoA	-10,0203623	0,047	0,292
CHR6	9109802	CHR6:9109802	SSF x Near_LoA	-9,78186383	0,040	0,296
CHR6	9116231	CHR6:9116231	SSF x Near_LoA	-11,8956112	-0,022	0,309
CHR6	9117531	CHR6:9117531	SSF x Near_LoA	-9,95318507	0,057	0,301
CHR6	9117579	CHR6:9117579	SSF x Near_LoA	-12,1239341	0,063	0,294
CHR6	9117581	CHR6:9117581	SSF x Near_LoA	-9,3554504	0,053	0,304
CHR6	9117629	CHR6:9117629	SSF x Near_LoA	-8,62541866	0,008	0,293
CHR6	9117630	CHR6:9117630	SSF x Near_LoA	-7,54562701	0,009	0,306
CHR6	9117631	CHR6:9117631	SSF x Near_LoA	-10,6715421	-0,037	0,307
CHR6	9122603	CHR6:9122603	SSF x Near_LoA	-9,18787827	-0,042	0,306
CHR6	9122610	CHR6:9122610	SSF x Near_LoA	-11,58675	-0,001	0,310
CHR6	9125003	CHR6:9125003	SSF x Near_LoA	-8,7474646	-0,033	0,299
CHR6	9125017	CHR6:9125017	SSF x Near_LoA	-12,1218202	0,008	0,298
CHR6	9125290	CHR6:9125290	SSF x Near_LoA	-11,7044738	-0,002	0,297
CHR6	9125356	CHR6:9125356	SSF x Near_LoA	-12,0630478	0,003	0,302
CHR6	9131966	CHR6:9131966	SSF x Near_LoA	-4,10544609	-0,062	0,319
CHR6	9132008	CHR6:9132008	SSF x Near_LoA	-8,23501746	0,093	0,302
CHR6	9132035	CHR6:9132035	SSF x Near_LoA	-7,74507376	0,107	0,289
CHR6	9134735	CHR6:9134735	SSF x Near_LoA	-9,44516238	0,070	0,312
CHR6	9134788	CHR6:9134788	SSF x Near_LoA	1,44091513	0,013	0,310
CHR6	9134915	CHR6:9134915	SSF x Near_LoA	-10,8796682	0,013	0,292
CHR6	9147065	CHR6:9147065	SSF x Near_LoA	-9,0405919	0,037	0,327
CHR6	9147111	CHR6:9147111	SSF x Near_LoA	-8,83869112	-0,042	0,301
CHR6	9147251	CHR6:9147251	SSF x Near_LoA	-9,18422534	0,064	0,307
CHR6	9147277	CHR6:9147277	SSF x Near_LoA	-8,56344553	-0,038	0,319
CHR6	9155526	CHR6:9155526	SSF x Near_LoA	-5,9871895	0,228	0,293
CHR6	9159463	CHR6:9159463	SSF x Near_LoA	-8,6812797	-0,046	0,320
CHR6	9159506	CHR6:9159506	SSF x Near_LoA	-6,9354717	0,029	0,307
CHR6	9159518	CHR6:9159518	SSF x Near_LoA	-3,28856628	0,111	0,300
CHR6	9159544	CHR6:9159544	SSF x Near_LoA	-8,22759713	-0,029	0,311

CHR6	9159568	CHR6:9159568	SSF x Near_LoA	-8,97632088	-0,055	0,325
CHR6	9159639	CHR6:9159639	SSF x Near_LoA	-8,56312607	-0,046	0,303
CHR6	9159679	CHR6:9159679	SSF x Near_LoA	-11,2914809	-0,019	0,318
CHR6	9170169	CHR6:9170169	SSF x Near_LoA	-9,98515107	-0,003	0,304
CHR6	9176965	CHR6:9176965	SSF x Near_LoA	-10,2017653	-0,012	0,297
CHR6	9179320	CHR6:9179320	SSF x Near_LoA	-7,69274309	-0,038	0,317
CHR6	9184064	CHR6:9184064	SSF x Near_LoA	-7,95574672	-0,051	0,305
CHR6	9184105	CHR6:9184105	SSF x Near_LoA	-8,31130821	-0,062	0,301
CHR6	9184109	CHR6:9184109	SSF x Near_LoA	-7,62017833	-0,041	0,306
CHR6	9184229	CHR6:9184229	SSF x Near_LoA	-8,26414858	-0,089	0,299
CHR6	9184298	CHR6:9184298	SSF x Near_LoA	-9,20486266	-0,017	0,306
CHR6	9189425	CHR6:9189425	SSF x Near_LoA	-11,5552838	0,034	0,306
CHR6	9189521	CHR6:9189521	SSF x Near_LoA	-4,6890644	-0,149	0,307
CHR6	9195941	CHR6:9195941	SSF x Near_LoA	-8,8906747	-0,026	0,315
CHR6	9196036	CHR6:9196036	SSF x Near_LoA	-8,24650674	0,001	0,304
CHR6	9196052	CHR6:9196052	SSF x Near_LoA	-9,78307698	-0,008	0,316
CHR6	9196230	CHR6:9196230	SSF x Near_LoA	-6,45649841	-0,058	0,312
CHR6	923479	CHR6:923479	SSF x Near_LoA	-9,60706835	0,054	0,309
CHR6	9242596	CHR6:9242596	SSF x Near_LoA	-2,88221479	-0,134	0,320
CHR6	9242666	CHR6:9242666	SSF x Near_LoA	-1,03165968	-0,022	0,305
CHR6	9242689	CHR6:9242689	SSF x Near_LoA	-9,88015499	0,022	0,300
CHR6	9242725	CHR6:9242725	SSF x Near_LoA	-6,43742956	-0,138	0,299
CHR6	9253419	CHR6:9253419	SSF x Near_LoA	-9,71416747	0,025	0,311
CHR6	9253688	CHR6:9253688	SSF x Near_LoA	-8,93211963	0,004	0,309
CHR6	9256430	CHR6:9256430	SSF x Near_LoA	-11,2557968	0,062	0,304
CHR6	9263599	CHR6:9263599	SSF x Near_LoA	-9,88037412	-0,083	0,300
CHR6	9263603	CHR6:9263603	SSF x Near_LoA	-9,55419591	0,040	0,314
CHR6	9263688	CHR6:9263688	SSF x Near_LoA	-10,8878925	0,109	0,302
CHR6	9263728	CHR6:9263728	SSF x Near_LoA	-8,758373	0,125	0,311
CHR6	9264433	CHR6:9264433	SSF x Near_LoA	-8,49572569	0,005	0,317
CHR6	9267466	CHR6:9267466	SSF x Near_LoA	-8,73568959	-0,015	0,314
CHR6	9275569	CHR6:9275569	SSF x Near_LoA	-8,4181144	-0,071	0,306
CHR6	9275584	CHR6:9275584	SSF x Near_LoA	-9,21382892	-0,071	0,288
CHR6	9275643	CHR6:9275643	SSF x Near_LoA	-7,09510899	0,065	0,295
CHR6	9283888	CHR6:9283888	SSF x Near_LoA	-10,8637999	-0,011	0,318
CHR6	9283910	CHR6:9283910	SSF x Near_LoA	-9,2745183	0,003	0,316
CHR6	9283911	CHR6:9283911	SSF x Near_LoA	-9,63857491	0,022	0,322
CHR6	9283912	CHR6:9283912	SSF x Near_LoA	-9,57050323	-0,017	0,305
CHR6	9283948	CHR6:9283948	SSF x Near_LoA	-8,65655319	-0,032	0,306
CHR6	9284029	CHR6:9284029	SSF x Near_LoA	-7,81810795	0,077	0,301
CHR6	9284086	CHR6:9284086	SSF x Near_LoA	-8,11670448	-0,104	0,300
CHR6	9294100	CHR6:9294100	SSF x Near_LoA	-11,9566651	-0,079	0,308
CHR6	9294235	CHR6:9294235	SSF x Near_LoA	-10,3401675	0,013	0,320
CHR6	9294518	CHR6:9294518	SSF x Near_LoA	-10,3712138	0,007	0,322
CHR6	9313338	CHR6:9313338	SSF x Near_LoA	-10,169621	0,022	0,311
CHR6	9313428	CHR6:9313428	SSF x Near_LoA	-9,25904497	0,059	0,305
CHR6	9314744	CHR6:9314744	SSF x Near_LoA	-9,95724606	-0,116	0,305
CHR6	9314749	CHR6:9314749	SSF x Near_LoA	-9,20460099	0,014	0,303
CHR6	9314774	CHR6:9314774	SSF x Near_LoA	-9,60652739	-0,081	0,296
CHR6	9317586	CHR6:9317586	SSF x Near_LoA	-9,45655671	0,159	0,304
CHR6	9317670	CHR6:9317670	SSF x Near_LoA	-10,6852271	0,088	0,308
CHR6	9317706	CHR6:9317706	SSF x Near_LoA	-10,4618009	-0,013	0,319
CHR6	9317728	CHR6:9317728	SSF x Near_LoA	-8,08004555	-0,122	0,298

CHR6	9317744	CHR6:9317744	SSF x Near_LoA	-11,07547	0,061	0,305
CHR6	9326185	CHR6:9326185	SSF x Near_LoA	-10,9506998	-0,096	0,299
CHR6	9326190	CHR6:9326190	SSF x Near_LoA	-8,45525506	-0,055	0,312
CHR6	9333905	CHR6:9333905	SSF x Near_LoA	-8,02869667	0,015	0,303
CHR6	9333917	CHR6:9333917	SSF x Near_LoA	-9,0014016	0,064	0,298
CHR6	9333971	CHR6:9333971	SSF x Near_LoA	-8,26217439	0,049	0,311
CHR6	9333998	CHR6:9333998	SSF x Near_LoA	-10,9028689	-0,039	0,307
CHR6	933620	CHR6:933620	SSF x Near_LoA	-10,0078403	0,137	0,305
CHR6	933699	CHR6:933699	SSF x Near_LoA	-8,82806216	0,019	0,309
CHR6	9343798	CHR6:9343798	SSF x Near_LoA	-7,56991176	0,064	0,303
CHR6	9343861	CHR6:9343861	SSF x Near_LoA	-10,6404776	-0,015	0,307
CHR6	9343874	CHR6:9343874	SSF x Near_LoA	-9,23928687	-0,028	0,296
CHR6	9347977	CHR6:9347977	SSF x Near_LoA	-9,18645203	0,082	0,311
CHR6	9354423	CHR6:9354423	SSF x Near_LoA	-8,81342887	0,005	0,304
CHR6	9355452	CHR6:9355452	SSF x Near_LoA	-9,5146647	0,025	0,302
CHR6	9359433	CHR6:9359433	SSF x Near_LoA	-8,29666388	-0,032	0,303
CHR6	9359786	CHR6:9359786	SSF x Near_LoA	-9,34614	-0,035	0,312
CHR6	9359808	CHR6:9359808	SSF x Near_LoA	-9,66372754	0,085	0,307
CHR6	9359841	CHR6:9359841	SSF x Near_LoA	-8,84464558	-0,093	0,298
CHR6	9364474	CHR6:9364474	SSF x Near_LoA	-0,64272267	0,128	0,310
CHR6	9364510	CHR6:9364510	SSF x Near_LoA	-9,41374835	0,035	0,308
CHR6	9364738	CHR6:9364738	SSF x Near_LoA	-9,91247625	-0,047	0,309
CHR6	9364741	CHR6:9364741	SSF x Near_LoA	-3,26747997	-0,063	0,327
CHR6	9364792	CHR6:9364792	SSF x Near_LoA	-9,50980745	0,060	0,300
CHR6	937065	CHR6:937065	SSF x Near_LoA	-9,73476067	0,059	0,306
CHR6	9372288	CHR6:9372288	SSF x Near_LoA	-11,6213848	-0,002	0,302
CHR6	9372303	CHR6:9372303	SSF x Near_LoA	-7,07532524	0,081	0,314
CHR6	9372311	CHR6:9372311	SSF x Near_LoA	-8,23662047	0,086	0,306
CHR6	937283	CHR6:937283	SSF x Near_LoA	-9,12657537	-0,049	0,311
CHR6	9391429	CHR6:9391429	SSF x Near_LoA	-8,74766663	0,032	0,307
CHR6	9393349	CHR6:9393349	SSF x Near_LoA	-3,40667135	-0,012	0,297
CHR6	9393368	CHR6:9393368	SSF x Near_LoA	-9,18572157	0,054	0,309
CHR6	9403286	CHR6:9403286	SSF x Near_LoA	-8,98417545	0,047	0,313
CHR6	9403292	CHR6:9403292	SSF x Near_LoA	-10,1190958	0,046	0,304
CHR6	9403329	CHR6:9403329	SSF x Near_LoA	-8,51172844	0,025	0,299
CHR6	9403341	CHR6:9403341	SSF x Near_LoA	-9,22720148	0,017	0,309
CHR6	9403346	CHR6:9403346	SSF x Near_LoA	-9,80924978	0,017	0,290
CHR6	9403351	CHR6:9403351	SSF x Near_LoA	-9,53550828	0,011	0,301
CHR6	9405792	CHR6:9405792	SSF x Near_LoA	-10,2872087	0,065	0,307
CHR6	9405878	CHR6:9405878	SSF x Near_LoA	-6,29211095	-0,144	0,311
CHR6	9406022	CHR6:9406022	SSF x Near_LoA	-10,9307974	-0,049	0,311
CHR6	9408109	CHR6:9408109	SSF x Near_LoA	-10,1974991	0,006	0,302
CHR6	9411172	CHR6:9411172	SSF x Near_LoA	-7,22569103	0,070	0,305
CHR6	9411200	CHR6:9411200	SSF x Near_LoA	-8,87564328	0,056	0,313
CHR6	9411240	CHR6:9411240	SSF x Near_LoA	-11,0353012	0,095	0,304
CHR6	941702	CHR6:941702	SSF x Near_LoA	-7,96765854	0,103	0,292
CHR6	941705	CHR6:941705	SSF x Near_LoA	-9,27215163	0,060	0,301
CHR6	941752	CHR6:941752	SSF x Near_LoA	-8,61808016	0,084	0,306
CHR6	9424171	CHR6:9424171	SSF x Near_LoA	-10,3162414	-0,088	0,312
CHR6	9424217	CHR6:9424217	SSF x Near_LoA	-10,9427761	-0,077	0,310
CHR6	9424552	CHR6:9424552	SSF x Near_LoA	-11,0157907	0,134	0,295
CHR6	9424626	CHR6:9424626	SSF x Near_LoA	-9,60063154	0,003	0,308
CHR6	9424643	CHR6:9424643	SSF x Near_LoA	-9,10499632	0,079	0,303

CHR6	9424648	CHR6:9424648	SSF x Near_LoA	-9,76800136	-0,036	0,317
CHR6	9432299	CHR6:9432299	SSF x Near_LoA	-7,17215899	0,020	0,307
CHR6	9432323	CHR6:9432323	SSF x Near_LoA	-9,6267715	0,018	0,308
CHR6	9432327	CHR6:9432327	SSF x Near_LoA	-9,91992446	-0,049	0,314
CHR6	9432357	CHR6:9432357	SSF x Near_LoA	-8,98645142	-0,054	0,313
CHR6	9432364	CHR6:9432364	SSF x Near_LoA	-9,79945712	-0,037	0,308
CHR6	9432692	CHR6:9432692	SSF x Near_LoA	-9,0837554	-0,061	0,309
CHR6	9436044	CHR6:9436044	SSF x Near_LoA	-9,08134351	-0,065	0,302
CHR6	9437426	CHR6:9437426	SSF x Near_LoA	-8,0559446	-0,038	0,304
CHR6	9448558	CHR6:9448558	SSF x Near_LoA	-7,16222021	-0,077	0,311
CHR6	9448570	CHR6:9448570	SSF x Near_LoA	-8,85932871	-0,026	0,305
CHR6	9448573	CHR6:9448573	SSF x Near_LoA	-8,59680136	-0,055	0,287
CHR6	9448588	CHR6:9448588	SSF x Near_LoA	-9,08040933	0,063	0,321
CHR6	9448597	CHR6:9448597	SSF x Near_LoA	-7,67171556	-0,034	0,309
CHR6	9448602	CHR6:9448602	SSF x Near_LoA	-4,91602835	-0,048	0,300
CHR6	9448603	CHR6:9448603	SSF x Near_LoA	-10,6932554	-0,072	0,295
CHR6	9448604	CHR6:9448604	SSF x Near_LoA	-12,1473197	-0,072	0,301
CHR6	9448605	CHR6:9448605	SSF x Near_LoA	-11,3117656	-0,067	0,301
CHR6	9448609	CHR6:9448609	SSF x Near_LoA	-9,49931004	-0,002	0,307
CHR6	9448610	CHR6:9448610	SSF x Near_LoA	-8,98685473	-0,022	0,306
CHR6	9448614	CHR6:9448614	SSF x Near_LoA	-9,50646414	-0,073	0,305
CHR6	9448625	CHR6:9448625	SSF x Near_LoA	-8,84067652	-0,028	0,305
CHR6	9448630	CHR6:9448630	SSF x Near_LoA	-10,8664814	0,044	0,314
CHR6	9448631	CHR6:9448631	SSF x Near_LoA	10,6749943	0,041	0,336
CHR6	9448637	CHR6:9448637	SSF x Near_LoA	-9,92599992	-0,052	0,296
CHR6	9448659	CHR6:9448659	SSF x Near_LoA	-8,35581598	0,007	0,295
CHR6	9451967	CHR6:9451967	SSF x Near_LoA	-8,34839157	0,054	0,304
CHR6	9452035	CHR6:9452035	SSF x Near_LoA	-8,97740661	0,035	0,300
CHR6	9452037	CHR6:9452037	SSF x Near_LoA	-8,97993472	0,064	0,291
CHR6	9452039	CHR6:9452039	SSF x Near_LoA	-7,23873673	0,055	0,298
CHR6	9452086	CHR6:9452086	SSF x Near_LoA	-10,4922174	-0,005	0,308
CHR6	9452094	CHR6:9452094	SSF x Near_LoA	-11,2522843	0,010	0,313
CHR6	9465364	CHR6:9465364	SSF x Near_LoA	-5,02011703	0,115	0,312
CHR6	9465397	CHR6:9465397	SSF x Near_LoA	-10,8054255	0,052	0,320
CHR6	9465576	CHR6:9465576	SSF x Near_LoA	-9,86593238	-0,092	0,300
CHR6	948317	CHR6:948317	SSF x Near_LoA	-8,95261732	0,090	0,293
CHR6	9485580	CHR6:9485580	SSF x Near_LoA	-11,8199402	-0,059	0,299
CHR6	9492827	CHR6:9492827	SSF x Near_LoA	-11,2513147	0,048	0,306
CHR6	9492861	CHR6:9492861	SSF x Near_LoA	-9,75458793	0,018	0,313
CHR6	9492989	CHR6:9492989	SSF x Near_LoA	-11,5390565	0,025	0,319
CHR6	9492999	CHR6:9492999	SSF x Near_LoA	-10,3768776	0,019	0,304
CHR6	9501066	CHR6:9501066	SSF x Near_LoA	-11,7680075	0,013	0,303
CHR6	9501166	CHR6:9501166	SSF x Near_LoA	-8,78087372	-0,071	0,314
CHR6	9501234	CHR6:9501234	SSF x Near_LoA	-10,9723491	-0,023	0,293
CHR6	9501248	CHR6:9501248	SSF x Near_LoA	-10,2065473	0,018	0,295
CHR6	9501257	CHR6:9501257	SSF x Near_LoA	-8,30351872	0,023	0,304
CHR6	9501258	CHR6:9501258	SSF x Near_LoA	-9,45116474	-0,001	0,297
CHR6	9501264	CHR6:9501264	SSF x Near_LoA	-8,07016637	-0,024	0,301
CHR6	9501270	CHR6:9501270	SSF x Near_LoA	-8,40073499	-0,009	0,300
CHR6	9501288	CHR6:9501288	SSF x Near_LoA	-9,36022834	0,063	0,309
CHR6	950231	CHR6:950231	SSF x Near_LoA	-6,71430158	-0,114	0,302
CHR6	9512502	CHR6:9512502	SSF x Near_LoA	-8,97713057	0,033	0,297
CHR6	9512536	CHR6:9512536	SSF x Near_LoA	-8,51247189	-0,107	0,315

CHR6	9512562	CHR6:9512562	SSF x Near_LoA	-7,42803318	-0,110	0,308
CHR6	9512564	CHR6:9512564	SSF x Near_LoA	-7,52862997	-0,152	0,311
CHR6	9512567	CHR6:9512567	SSF x Near_LoA	-4,39381934	-0,057	0,311
CHR6	9512582	CHR6:9512582	SSF x Near_LoA	-9,21108431	-0,070	0,309
CHR6	9512598	CHR6:9512598	SSF x Near_LoA	-6,41194615	0,051	0,302
CHR6	9512610	CHR6:9512610	SSF x Near_LoA	0,48590359	0,026	0,316
CHR6	9512617	CHR6:9512617	SSF x Near_LoA	-8,57882115	0,104	0,303
CHR6	9512627	CHR6:9512627	SSF x Near_LoA	-6,98965964	0,045	0,309
CHR6	9517111	CHR6:9517111	SSF x Near_LoA	-6,02951487	-0,158	0,303
CHR6	9517167	CHR6:9517167	SSF x Near_LoA	-9,33336592	-0,098	0,310
CHR6	9520756	CHR6:9520756	SSF x Near_LoA	-7,13479329	0,091	0,317
CHR6	9523388	CHR6:9523388	SSF x Near_LoA	-10,4402564	0,027	0,303
CHR6	953126	CHR6:953126	SSF x Near_LoA	-9,26975524	0,060	0,309
CHR6	9532745	CHR6:9532745	SSF x Near_LoA	-7,36950314	-0,034	0,328
CHR6	9532830	CHR6:9532830	SSF x Near_LoA	-9,73409671	-0,050	0,315
CHR6	9532839	CHR6:9532839	SSF x Near_LoA	-8,95789819	0,017	0,306
CHR6	9534516	CHR6:9534516	SSF x Near_LoA	-9,63938764	-0,054	0,308
CHR6	9534517	CHR6:9534517	SSF x Near_LoA	-0,42375839	-0,043	0,304
CHR6	9541621	CHR6:9541621	SSF x Near_LoA	-8,97900221	-0,019	0,309
CHR6	9541632	CHR6:9541632	SSF x Near_LoA	-8,34095776	-0,053	0,303
CHR6	9549605	CHR6:9549605	SSF x Near_LoA	-9,28607402	0,125	0,300
CHR6	9549609	CHR6:9549609	SSF x Near_LoA	-2,90291014	0,144	0,310
CHR6	9549647	CHR6:9549647	SSF x Near_LoA	-4,76850975	-0,210	0,299
CHR6	9549677	CHR6:9549677	SSF x Near_LoA	-10,5610741	-0,052	0,303
CHR6	9561502	CHR6:9561502	SSF x Near_LoA	-9,62516659	-0,021	0,295
CHR6	9561509	CHR6:9561509	SSF x Near_LoA	-10,7060796	0,022	0,309
CHR6	9561525	CHR6:9561525	SSF x Near_LoA	-9,81814215	0,064	0,280
CHR6	9561538	CHR6:9561538	SSF x Near_LoA	-10,0546284	0,013	0,307
CHR6	9561584	CHR6:9561584	SSF x Near_LoA	-5,43867759	0,119	0,315
CHR6	9561672	CHR6:9561672	SSF x Near_LoA	-11,1161808	0,028	0,301
CHR6	9576126	CHR6:9576126	SSF x Near_LoA	-9,2755803	-0,077	0,317
CHR6	9576129	CHR6:9576129	SSF x Near_LoA	-11,676578	0,021	0,305
CHR6	9576173	CHR6:9576173	SSF x Near_LoA	-10,9715272	0,031	0,303
CHR6	9576189	CHR6:9576189	SSF x Near_LoA	-11,1662792	-0,045	0,290
CHR6	9581177	CHR6:9581177	SSF x Near_LoA	-4,19910595	-0,133	0,311
CHR6	9586122	CHR6:9586122	SSF x Near_LoA	-9,98448134	0,005	0,301
CHR6	9586186	CHR6:9586186	SSF x Near_LoA	-9,20994953	-0,057	0,278
CHR6	9586188	CHR6:9586188	SSF x Near_LoA	-10,3576895	-0,036	0,310
CHR6	9598971	CHR6:9598971	SSF x Near_LoA	-8,35247838	-0,027	0,297
CHR6	9599095	CHR6:9599095	SSF x Near_LoA	-9,49587256	-0,014	0,317
CHR6	9599105	CHR6:9599105	SSF x Near_LoA	-9,23737574	0,099	0,301
CHR6	9603951	CHR6:9603951	SSF x Near_LoA	-8,58399242	-0,002	0,308
CHR6	9623023	CHR6:9623023	SSF x Near_LoA	-10,9881246	-0,001	0,292
CHR6	9623044	CHR6:9623044	SSF x Near_LoA	-7,39566429	0,129	0,306
CHR6	9624756	CHR6:9624756	SSF x Near_LoA	-9,96129174	0,021	0,314
CHR6	9624796	CHR6:9624796	SSF x Near_LoA	-7,28957693	0,081	0,300
CHR6	9626648	CHR6:9626648	SSF x Near_LoA	-7,99952279	-0,079	0,297
CHR6	9626666	CHR6:9626666	SSF x Near_LoA	-7,05240087	-0,119	0,294
CHR6	9626708	CHR6:9626708	SSF x Near_LoA	-10,3776607	-0,068	0,301
CHR6	9628091	CHR6:9628091	SSF x Near_LoA	-8,2307198	-0,065	0,309
CHR6	9628092	CHR6:9628092	SSF x Near_LoA	-9,78181931	0,002	0,322
CHR6	9635315	CHR6:9635315	SSF x Near_LoA	-8,90455042	-0,007	0,302
CHR6	9635337	CHR6:9635337	SSF x Near_LoA	-7,87295585	0,006	0,315

CHR6	9635342	CHR6:9635342	SSF x Near_LoA	-10,1037533	-0,022	0,313
CHR6	9635361	CHR6:9635361	SSF x Near_LoA	-9,1590672	-0,058	0,320
CHR6	9635404	CHR6:9635404	SSF x Near_LoA	-9,25261157	-0,029	0,306
CHR6	9635447	CHR6:9635447	SSF x Near_LoA	-6,61062051	-0,106	0,324
CHR6	9635476	CHR6:9635476	SSF x Near_LoA	-8,52695243	0,016	0,306
CHR6	9635501	CHR6:9635501	SSF x Near_LoA	-10,986412	0,025	0,312
CHR6	9635529	CHR6:9635529	SSF x Near_LoA	-9,4988118	0,037	0,326
CHR6	9635536	CHR6:9635536	SSF x Near_LoA	-8,9123719	-0,072	0,311
CHR6	9635539	CHR6:9635539	SSF x Near_LoA	-9,19745815	-0,048	0,309
CHR6	9635553	CHR6:9635553	SSF x Near_LoA	-8,57676553	0,020	0,310
CHR6	9645422	CHR6:9645422	SSF x Near_LoA	-11,9812528	0,014	0,308
CHR6	9645424	CHR6:9645424	SSF x Near_LoA	-8,6969054	0,021	0,321
CHR6	9645428	CHR6:9645428	SSF x Near_LoA	-11,4117312	0,002	0,324
CHR6	9662351	CHR6:9662351	SSF x Near_LoA	-6,0015521	0,118	0,313
CHR6	9662419	CHR6:9662419	SSF x Near_LoA	-10,3072893	-0,006	0,319
CHR6	9670254	CHR6:9670254	SSF x Near_LoA	-8,52346623	-0,005	0,302
CHR6	9670263	CHR6:9670263	SSF x Near_LoA	-6,88637525	0,008	0,304
CHR6	9670321	CHR6:9670321	SSF x Near_LoA	-8,73068366	-0,003	0,301
CHR6	9675833	CHR6:9675833	SSF x Near_LoA	-9,28720606	-0,033	0,315
CHR6	9675857	CHR6:9675857	SSF x Near_LoA	-7,72522295	-0,119	0,292
CHR6	9675876	CHR6:9675876	SSF x Near_LoA	-7,10946951	-0,068	0,308
CHR6	9677500	CHR6:9677500	SSF x Near_LoA	-6,95083382	0,158	0,300
CHR6	9686146	CHR6:9686146	SSF x Near_LoA	-11,5765062	-0,055	0,308
CHR6	9704866	CHR6:9704866	SSF x Near_LoA	-9,45138331	-0,109	0,312
CHR6	9717104	CHR6:9717104	SSF x Near_LoA	-9,72380038	-0,080	0,301
CHR6	9717161	CHR6:9717161	SSF x Near_LoA	-8,8433529	-0,064	0,321
CHR6	9717271	CHR6:9717271	SSF x Near_LoA	-8,8814337	-0,055	0,298
CHR6	9727164	CHR6:9727164	SSF x Near_LoA	-10,5411854	-0,095	0,301
CHR6	97411	CHR6:97411	SSF x Near_LoA	-10,386459	-0,019	0,320
CHR6	9743534	CHR6:9743534	SSF x Near_LoA	-7,3052097	-0,152	0,304
CHR6	9743584	CHR6:9743584	SSF x Near_LoA	-8,00890902	0,116	0,309
CHR6	9753028	CHR6:9753028	SSF x Near_LoA	-10,5667247	0,124	0,293
CHR6	9756891	CHR6:9756891	SSF x Near_LoA	-8,98310743	0,027	0,303
CHR6	9756969	CHR6:9756969	SSF x Near_LoA	-7,70133761	0,019	0,318
CHR6	9758863	CHR6:9758863	SSF x Near_LoA	-9,3413015	-0,085	0,307
CHR6	9758865	CHR6:9758865	SSF x Near_LoA	-11,3473194	-0,023	0,308
CHR6	976501	CHR6:976501	SSF x Near_LoA	-7,6898057	0,080	0,314
CHR6	9786893	CHR6:9786893	SSF x Near_LoA	-7,54250495	-0,013	0,300
CHR6	9786896	CHR6:9786896	SSF x Near_LoA	-8,73156617	-0,005	0,312
CHR6	9787000	CHR6:9787000	SSF x Near_LoA	-7,67111439	-0,090	0,313
CHR6	9790549	CHR6:9790549	SSF x Near_LoA	-9,27841067	-0,076	0,301
CHR6	9790643	CHR6:9790643	SSF x Near_LoA	-6,76743901	-0,111	0,300
CHR6	9790648	CHR6:9790648	SSF x Near_LoA	-8,80808024	-0,117	0,306
CHR6	9790669	CHR6:9790669	SSF x Near_LoA	-8,71082806	-0,115	0,292
CHR6	9796171	CHR6:9796171	SSF x Near_LoA	-9,16158439	-0,018	0,326
CHR6	9829797	CHR6:9829797	SSF x Near_LoA	-8,60334336	-0,131	0,297
CHR6	9829880	CHR6:9829880	SSF x Near_LoA	-10,6216111	0,034	0,306
CHR6	985796	CHR6:985796	SSF x Near_LoA	-3,67865925	0,103	0,317
CHR6	986003	CHR6:986003	SSF x Near_LoA	-10,5835379	0,020	0,303
CHR6	9864151	CHR6:9864151	SSF x Near_LoA	-8,29584234	0,119	0,301
CHR6	9874888	CHR6:9874888	SSF x Near_LoA	-9,03023982	0,064	0,313
CHR6	9874907	CHR6:9874907	SSF x Near_LoA	-8,62252309	0,051	0,307
CHR6	9874911	CHR6:9874911	SSF x Near_LoA	-8,72033331	0,058	0,305

CHR6	9874935	CHR6:9874935	SSF x Near_LoA	-7,46351396	0,052	0,307
CHR6	9881743	CHR6:9881743	SSF x Near_LoA	-9,90924726	0,056	0,307
CHR6	9881853	CHR6:9881853	SSF x Near_LoA	-6,20887264	0,062	0,310
CHR6	9881931	CHR6:9881931	SSF x Near_LoA	-9,29458925	-0,122	0,293
CHR6	9885481	CHR6:9885481	SSF x Near_LoA	-6,99043561	0,030	0,316
CHR6	9885524	CHR6:9885524	SSF x Near_LoA	-7,33344222	-0,083	0,306
CHR6	9885539	CHR6:9885539	SSF x Near_LoA	-6,50720317	0,076	0,305
CHR6	9890968	CHR6:9890968	SSF x Near_LoA	-8,89357108	-0,071	0,315
CHR6	9895221	CHR6:9895221	SSF x Near_LoA	-8,84923878	-0,079	0,315
CHR6	9897676	CHR6:9897676	SSF x Near_LoA	-8,77319055	-0,017	0,303
CHR6	9916633	CHR6:9916633	SSF x Near_LoA	-8,96965235	0,038	0,316
CHR6	9919247	CHR6:9919247	SSF x Near_LoA	-9,73523144	-0,014	0,305
CHR6	9919307	CHR6:9919307	SSF x Near_LoA	-8,64990036	0,055	0,321
CHR6	9924541	CHR6:9924541	SSF x Near_LoA	-7,29769958	-0,061	0,308
CHR6	9924543	CHR6:9924543	SSF x Near_LoA	-6,49683802	-0,134	0,310
CHR6	9924687	CHR6:9924687	SSF x Near_LoA	-6,36830486	0,154	0,313
CHR6	9928289	CHR6:9928289	SSF x Near_LoA	-9,49770986	0,054	0,313
CHR6	9928304	CHR6:9928304	SSF x Near_LoA	-6,38888547	-0,187	0,315
CHR6	9940204	CHR6:9940204	SSF x Near_LoA	-6,71485322	-0,078	0,320
CHR6	9942896	CHR6:9942896	SSF x Near_LoA	-7,40630173	0,109	0,305
CHR6	9942986	CHR6:9942986	SSF x Near_LoA	-9,35532095	-0,162	0,327
CHR6	9943844	CHR6:9943844	SSF x Near_LoA	-0,0574134	-0,119	0,316
CHR6	9944629	CHR6:9944629	SSF x Near_LoA	-9,27002266	-0,013	0,299
CHR6	9950071	CHR6:9950071	SSF x Near_LoA	-11,2604709	-0,119	0,307
CHR6	9950114	CHR6:9950114	SSF x Near_LoA	-11,3258358	-0,093	0,310
CHR6	9950177	CHR6:9950177	SSF x Near_LoA	-9,35670907	-0,083	0,311
CHR6	9954809	CHR6:9954809	SSF x Near_LoA	-10,6665129	-0,010	0,315
CHR6	9955332	CHR6:9955332	SSF x Near_LoA	-8,8085613	0,024	0,315
CHR6	9957587	CHR6:9957587	SSF x Near_LoA	-10,6959256	0,004	0,321
CHR6	9957669	CHR6:9957669	SSF x Near_LoA	-11,5271802	0,035	0,294
CHR6	9957826	CHR6:9957826	SSF x Near_LoA	-10,4600689	-0,033	0,311
CHR6	9970249	CHR6:9970249	SSF x Near_LoA	-7,37852894	-0,063	0,308
CHR6	9970250	CHR6:9970250	SSF x Near_LoA	-9,65898925	0,025	0,312
CHR6	9976454	CHR6:9976454	SSF x Near_LoA	-7,43214105	-0,105	0,291
CHR6	9977882	CHR6:9977882	SSF x Near_LoA	-11,2022714	0,015	0,305
CHR6	9977917	CHR6:9977917	SSF x Near_LoA	-8,91125403	0,038	0,306
CHR6	9980905	CHR6:9980905	SSF x Near_LoA	-8,06495445	0,048	0,310
CHR6	9980958	CHR6:9980958	SSF x Near_LoA	-6,6616614	0,106	0,316
CHR6	9981012	CHR6:9981012	SSF x Near_LoA	-9,1322147	0,001	0,300
CHR7	1E+07	CHR7:10011557	SSF x Near_LoA	-2,90788516	-0,129	0,292
CHR7	1E+07	CHR7:10026802	SSF x Near_LoA	-7,1830379	-0,004	0,314
CHR7	1E+07	CHR7:10026895	SSF x Near_LoA	-7,73092372	0,032	0,311
CHR7	1E+07	CHR7:10026915	SSF x Near_LoA	-8,52158737	0,013	0,304
CHR7	1E+07	CHR7:10029325	SSF x Near_LoA	-9,41236874	-0,041	0,303
CHR7	1E+07	CHR7:10029404	SSF x Near_LoA	-12,1085351	0,014	0,305
CHR7	1E+07	CHR7:10030540	SSF x Near_LoA	-11,9878466	0,067	0,296
CHR7	1E+07	CHR7:10031022	SSF x Near_LoA	-9,11684426	-0,081	0,311
CHR7	1E+07	CHR7:10031056	SSF x Near_LoA	-11,2354059	0,034	0,319
CHR7	1E+07	CHR7:10031124	SSF x Near_LoA	-7,50859692	-0,100	0,303
CHR7	1E+07	CHR7:10033166	SSF x Near_LoA	-8,34914579	0,023	0,319
CHR7	1E+07	CHR7:10033181	SSF x Near_LoA	-11,7832681	-0,003	0,297
CHR7	1E+07	CHR7:10033289	SSF x Near_LoA	-8,80517064	-0,006	0,310
CHR7	1E+07	CHR7:10052640	SSF x Near_LoA	-9,6461255	0,016	0,300

CHR7	1E+07	CHR7:10052679	SSF x Near_LoA	-9,24623703	0,092	0,290
CHR7	1E+07	CHR7:10052682	SSF x Near_LoA	-10,4108669	-0,010	0,313
CHR7	1E+07	CHR7:10052718	SSF x Near_LoA	-8,6479022	-0,047	0,307
CHR7	1E+07	CHR7:10052858	SSF x Near_LoA	-10,2839782	-0,018	0,316
CHR7	1E+07	CHR7:10054353	SSF x Near_LoA	-7,39952733	-0,113	0,307
CHR7	1E+07	CHR7:10054401	SSF x Near_LoA	-9,96713121	-0,084	0,311
CHR7	1E+07	CHR7:10054448	SSF x Near_LoA	-5,49954088	0,032	0,310
CHR7	1E+07	CHR7:10055886	SSF x Near_LoA	-12,2614767	0,059	0,298
CHR7	1E+07	CHR7:10055912	SSF x Near_LoA	-8,77604731	0,102	0,304
CHR7	1005666	CHR7:1005666	SSF x Near_LoA	-5,28488861	-0,100	0,294
CHR7	1E+07	CHR7:10057013	SSF x Near_LoA	-9,11200564	-0,085	0,317
CHR7	1005716	CHR7:1005716	SSF x Near_LoA	-10,2501925	-0,021	0,307
CHR7	1005720	CHR7:1005720	SSF x Near_LoA	-9,52622973	0,035	0,316
CHR7	1005775	CHR7:1005775	SSF x Near_LoA	-10,654809	-0,042	0,299
CHR7	1E+07	CHR7:10060992	SSF x Near_LoA	-11,4264536	0,049	0,305
CHR7	1E+07	CHR7:10061029	SSF x Near_LoA	-11,0023363	0,064	0,302
CHR7	1E+07	CHR7:10061105	SSF x Near_LoA	-8,21158987	0,140	0,311
CHR7	1E+07	CHR7:10061111	SSF x Near_LoA	-5,62848708	0,145	0,305
CHR7	1E+07	CHR7:10061117	SSF x Near_LoA	-11,43915	-0,068	0,319
CHR7	1E+07	CHR7:10068281	SSF x Near_LoA	-7,69071705	-0,114	0,289
CHR7	1E+07	CHR7:10071363	SSF x Near_LoA	-9,48140553	-0,028	0,318
CHR7	1E+07	CHR7:10071391	SSF x Near_LoA	-11,7591316	-0,029	0,300
CHR7	1E+07	CHR7:10071515	SSF x Near_LoA	-10,4913669	0,101	0,302
CHR7	1E+07	CHR7:10071522	SSF x Near_LoA	-10,350023	-0,077	0,313
CHR7	1E+07	CHR7:10071544	SSF x Near_LoA	-11,0736153	-0,006	0,320
CHR7	1E+07	CHR7:10071574	SSF x Near_LoA	-10,4354461	-0,031	0,314
CHR7	1E+07	CHR7:10071592	SSF x Near_LoA	-11,8473181	0,004	0,297
CHR7	1E+07	CHR7:10073372	SSF x Near_LoA	-7,92628889	0,104	0,287
CHR7	1E+07	CHR7:10073532	SSF x Near_LoA	-6,83419802	0,133	0,302
CHR7	1E+07	CHR7:10075053	SSF x Near_LoA	-9,29128405	-0,011	0,308
CHR7	1E+07	CHR7:10079656	SSF x Near_LoA	-5,77227447	0,087	0,318
CHR7	1E+07	CHR7:10081140	SSF x Near_LoA	-8,10419184	-0,128	0,303
CHR7	1E+07	CHR7:10081749	SSF x Near_LoA	-7,27907154	0,105	0,302
CHR7	1E+07	CHR7:10081863	SSF x Near_LoA	-9,41842352	0,060	0,305
CHR7	1E+07	CHR7:10086381	SSF x Near_LoA	-9,50162513	0,011	0,302
CHR7	1E+07	CHR7:10086396	SSF x Near_LoA	-7,9256835	0,103	0,316
CHR7	1E+07	CHR7:10086544	SSF x Near_LoA	-7,71373398	0,069	0,300
CHR7	1E+07	CHR7:10086552	SSF x Near_LoA	-8,47237932	0,125	0,296
CHR7	1E+07	CHR7:10086585	SSF x Near_LoA	-10,9027208	-0,035	0,288
CHR7	1E+07	CHR7:10090811	SSF x Near_LoA	-10,6773159	0,121	0,312
CHR7	1E+07	CHR7:10090874	SSF x Near_LoA	-8,45239205	0,049	0,314
CHR7	1E+07	CHR7:10090883	SSF x Near_LoA	-6,68127056	0,057	0,318
CHR7	1E+07	CHR7:10090904	SSF x Near_LoA	-8,52643478	0,022	0,314
CHR7	1E+07	CHR7:10090967	SSF x Near_LoA	-10,0993692	-0,047	0,301
CHR7	1E+07	CHR7:10090976	SSF x Near_LoA	-10,6907504	0,095	0,294
CHR7	1E+07	CHR7:10091001	SSF x Near_LoA	-11,5671358	-0,016	0,292
CHR7	1E+07	CHR7:10091021	SSF x Near_LoA	-4,94369546	0,183	0,294
CHR7	1E+07	CHR7:10091031	SSF x Near_LoA	-6,44708553	0,171	0,300
CHR7	1E+07	CHR7:10091059	SSF x Near_LoA	-10,5919379	-0,060	0,302
CHR7	1E+07	CHR7:10091064	SSF x Near_LoA	-8,66423309	0,154	0,312
CHR7	1E+07	CHR7:10099456	SSF x Near_LoA	-11,5756886	0,061	0,296
CHR7	1E+07	CHR7:10100119	SSF x Near_LoA	-8,20299462	-0,032	0,324
CHR7	1010103	CHR7:1010103	SSF x Near_LoA	-9,90330355	0,033	0,309

CHR7	1010116	CHR7:1010116	SSF x Near_LoA	-11,4186694	-0,035	0,312
CHR7	1E+07	CHR7:10101331	SSF x Near_LoA	-8,30360127	-0,005	0,315
CHR7	1E+07	CHR7:10101359	SSF x Near_LoA	-8,27620054	-0,089	0,299
CHR7	1E+07	CHR7:10101370	SSF x Near_LoA	-11,154494	-0,026	0,306
CHR7	1E+07	CHR7:10101383	SSF x Near_LoA	-5,76289332	-0,094	0,298
CHR7	1010184	CHR7:1010184	SSF x Near_LoA	-10,6659444	0,002	0,315
CHR7	1E+07	CHR7:10113832	SSF x Near_LoA	-7,89233122	-0,031	0,297
CHR7	1E+07	CHR7:10114060	SSF x Near_LoA	-9,73975428	-0,073	0,300
CHR7	1E+07	CHR7:10116902	SSF x Near_LoA	-9,65738417	-0,079	0,301
CHR7	1E+07	CHR7:10117245	SSF x Near_LoA	-9,16513006	-0,064	0,311
CHR7	1E+07	CHR7:10117249	SSF x Near_LoA	-8,731612	0,066	0,311
CHR7	1E+07	CHR7:10117278	SSF x Near_LoA	-6,2485815	0,106	0,313
CHR7	1E+07	CHR7:10117287	SSF x Near_LoA	-7,17678948	0,100	0,314
CHR7	1E+07	CHR7:10117298	SSF x Near_LoA	-8,59354078	0,048	0,298
CHR7	1E+07	CHR7:10117299	SSF x Near_LoA	-9,54403489	0,077	0,302
CHR7	1E+07	CHR7:10117323	SSF x Near_LoA	-5,14076859	-0,043	0,315
CHR7	1E+07	CHR7:10121278	SSF x Near_LoA	-9,25120983	-0,050	0,306
CHR7	1E+07	CHR7:10121301	SSF x Near_LoA	-9,8411902	-0,070	0,320
CHR7	1E+07	CHR7:10121315	SSF x Near_LoA	-7,82817702	0,027	0,317
CHR7	1E+07	CHR7:10121330	SSF x Near_LoA	-9,74775058	-0,077	0,322
CHR7	1E+07	CHR7:10121365	SSF x Near_LoA	-10,6557518	0,030	0,304
CHR7	1E+07	CHR7:10121393	SSF x Near_LoA	-8,74886005	0,046	0,316
CHR7	1E+07	CHR7:10121423	SSF x Near_LoA	-9,98927663	0,064	0,308
CHR7	1E+07	CHR7:10121430	SSF x Near_LoA	-10,005253	-0,098	0,306
CHR7	1E+07	CHR7:10121514	SSF x Near_LoA	-10,243207	0,011	0,304
CHR7	1E+07	CHR7:10121543	SSF x Near_LoA	-11,7429535	-0,079	0,303
CHR7	1E+07	CHR7:10121545	SSF x Near_LoA	-11,5346879	0,017	0,308
CHR7	1E+07	CHR7:10123016	SSF x Near_LoA	-11,6041879	0,041	0,305
CHR7	1E+07	CHR7:10134349	SSF x Near_LoA	-7,38055473	0,027	0,301
CHR7	1E+07	CHR7:10134405	SSF x Near_LoA	-9,75955773	-0,068	0,326
CHR7	1E+07	CHR7:10134435	SSF x Near_LoA	-8,40299735	-0,089	0,309
CHR7	1E+07	CHR7:10134440	SSF x Near_LoA	-9,764402	-0,051	0,316
CHR7	1E+07	CHR7:10134475	SSF x Near_LoA	-8,0906209	0,007	0,318
CHR7	1E+07	CHR7:10138847	SSF x Near_LoA	-7,52386933	-0,102	0,302
CHR7	1E+07	CHR7:10138863	SSF x Near_LoA	-7,67540521	-0,113	0,300
CHR7	1E+07	CHR7:10138989	SSF x Near_LoA	-7,93451084	0,071	0,319
CHR7	1E+07	CHR7:10145120	SSF x Near_LoA	-5,80613638	0,076	0,305
CHR7	1E+07	CHR7:10163258	SSF x Near_LoA	-10,5577737	-0,007	0,313
CHR7	1E+07	CHR7:10163270	SSF x Near_LoA	-8,40952726	-0,054	0,307
CHR7	1E+07	CHR7:10163499	SSF x Near_LoA	-7,81003288	-0,037	0,291
CHR7	1E+07	CHR7:10170898	SSF x Near_LoA	-7,3531173	0,039	0,300
CHR7	1E+07	CHR7:10170946	SSF x Near_LoA	-5,43497183	-0,049	0,322
CHR7	1E+07	CHR7:10170987	SSF x Near_LoA	-8,07057015	-0,119	0,323
CHR7	1E+07	CHR7:10171118	SSF x Near_LoA	-9,50989603	-0,127	0,307
CHR7	101779	CHR7:101779	SSF x Near_LoA	-10,1596265	-0,031	0,291
CHR7	1E+07	CHR7:10182614	SSF x Near_LoA	-8,95352329	-0,061	0,311
CHR7	1E+07	CHR7:10182618	SSF x Near_LoA	-10,2710718	-0,003	0,309
CHR7	1E+07	CHR7:10182640	SSF x Near_LoA	-8,42644837	-0,004	0,312
CHR7	1E+07	CHR7:10187216	SSF x Near_LoA	-8,59590207	0,113	0,317
CHR7	1E+07	CHR7:10187223	SSF x Near_LoA	-11,1518535	-0,009	0,302
CHR7	1E+07	CHR7:10187266	SSF x Near_LoA	-9,26349925	0,045	0,298
CHR7	1E+07	CHR7:10189340	SSF x Near_LoA	-9,20623198	0,018	0,292
CHR7	1E+07	CHR7:10193350	SSF x Near_LoA	-8,59630242	-0,102	0,302

CHR7	1E+07	CHR7:10193494	SSF x Near_LoA	-7,74087926	0,037	0,298
CHR7	1E+07	CHR7:10199053	SSF x Near_LoA	-9,49599106	0,016	0,312
CHR7	1E+07	CHR7:10199059	SSF x Near_LoA	-6,9017127	0,065	0,310
CHR7	1E+07	CHR7:10199079	SSF x Near_LoA	-8,63389809	-0,088	0,284
CHR7	1E+07	CHR7:10219323	SSF x Near_LoA	-8,64861139	-0,130	0,310
CHR7	1E+07	CHR7:10226880	SSF x Near_LoA	-10,6460227	0,065	0,298
CHR7	1E+07	CHR7:10226881	SSF x Near_LoA	-11,121143	0,029	0,307
CHR7	1E+07	CHR7:10226885	SSF x Near_LoA	-10,0294943	-0,015	0,292
CHR7	1E+07	CHR7:10226886	SSF x Near_LoA	-9,60931638	-0,036	0,311
CHR7	1E+07	CHR7:10227268	SSF x Near_LoA	-11,0437686	-0,027	0,309
CHR7	1E+07	CHR7:10227302	SSF x Near_LoA	-8,78328564	-0,002	0,301
CHR7	1E+07	CHR7:10227309	SSF x Near_LoA	-8,67661105	-0,008	0,308
CHR7	1E+07	CHR7:10227318	SSF x Near_LoA	-8,44725738	-0,003	0,317
CHR7	1E+07	CHR7:10227327	SSF x Near_LoA	-10,5307706	-0,031	0,286
CHR7	1E+07	CHR7:10227350	SSF x Near_LoA	-9,25164149	-0,055	0,302
CHR7	1E+07	CHR7:10227363	SSF x Near_LoA	-9,9361295	0,047	0,309
CHR7	1E+07	CHR7:10227364	SSF x Near_LoA	-3,44347976	0,089	0,320
CHR7	1E+07	CHR7:10227368	SSF x Near_LoA	-9,30323438	0,028	0,312
CHR7	1E+07	CHR7:10229089	SSF x Near_LoA	-10,0828941	-0,065	0,299
CHR7	1E+07	CHR7:10232536	SSF x Near_LoA	-8,307097	0,014	0,313
CHR7	1E+07	CHR7:10232633	SSF x Near_LoA	-7,99534804	-0,049	0,304
CHR7	1E+07	CHR7:10232754	SSF x Near_LoA	-7,40267063	0,031	0,297
CHR7	1E+07	CHR7:10232759	SSF x Near_LoA	-5,92433674	0,112	0,318
CHR7	1023322	CHR7:1023322	SSF x Near_LoA	-7,99004772	-0,019	0,314
CHR7	1023337	CHR7:1023337	SSF x Near_LoA	-11,5833054	0,060	0,305
CHR7	1023377	CHR7:1023377	SSF x Near_LoA	-8,61552272	0,066	0,315
CHR7	1023397	CHR7:1023397	SSF x Near_LoA	-9,88200881	0,039	0,308
CHR7	1023413	CHR7:1023413	SSF x Near_LoA	-8,62538691	-0,038	0,306
CHR7	1023431	CHR7:1023431	SSF x Near_LoA	-10,2293651	-0,017	0,309
CHR7	1E+07	CHR7:10247493	SSF x Near_LoA	-8,7420339	-0,047	0,310
CHR7	1E+07	CHR7:10247502	SSF x Near_LoA	-8,30602505	0,120	0,301
CHR7	1E+07	CHR7:10247516	SSF x Near_LoA	-7,29383889	0,100	0,308
CHR7	1E+07	CHR7:10247546	SSF x Near_LoA	-5,82435912	0,081	0,322
CHR7	1E+07	CHR7:10247559	SSF x Near_LoA	-11,845829	0,043	0,301
CHR7	1E+07	CHR7:10247568	SSF x Near_LoA	-8,70547259	-0,003	0,311
CHR7	1E+07	CHR7:10247578	SSF x Near_LoA	-7,39359326	0,092	0,317
CHR7	1E+07	CHR7:10247600	SSF x Near_LoA	-9,79385459	0,110	0,317
CHR7	1E+07	CHR7:10247617	SSF x Near_LoA	-9,33361602	0,090	0,295
CHR7	1E+07	CHR7:10252234	SSF x Near_LoA	-9,0640641	-0,038	0,315
CHR7	1E+07	CHR7:10252279	SSF x Near_LoA	-7,92995939	0,118	0,303
CHR7	1E+07	CHR7:10257992	SSF x Near_LoA	-9,49051612	0,071	0,312
CHR7	1E+07	CHR7:10258055	SSF x Near_LoA	-10,0444577	0,019	0,309
CHR7	1E+07	CHR7:10275492	SSF x Near_LoA	-8,94724242	-0,086	0,311
CHR7	1E+07	CHR7:10280055	SSF x Near_LoA	-8,72284448	0,112	0,302
CHR7	1E+07	CHR7:10280061	SSF x Near_LoA	-7,05700666	0,082	0,314
CHR7	1E+07	CHR7:10280077	SSF x Near_LoA	-9,75987831	0,092	0,332
CHR7	1E+07	CHR7:10280080	SSF x Near_LoA	-8,76508766	-0,014	0,320
CHR7	1E+07	CHR7:10280095	SSF x Near_LoA	-8,7864907	-0,052	0,305
CHR7	1E+07	CHR7:10280137	SSF x Near_LoA	-10,3875891	-0,010	0,299
CHR7	1E+07	CHR7:10280156	SSF x Near_LoA	-8,23386607	-0,004	0,302
CHR7	1E+07	CHR7:10280912	SSF x Near_LoA	-9,4569253	0,021	0,322
CHR7	1E+07	CHR7:10280941	SSF x Near_LoA	-11,1425436	-0,032	0,309
CHR7	1E+07	CHR7:10280973	SSF x Near_LoA	-8,51445002	-0,094	0,315

CHR7	1E+07	CHR7:10283748	SSF x Near_LoA	-10,068154	0,102	0,313
CHR7	1E+07	CHR7:10283787	SSF x Near_LoA	-8,59187459	0,012	0,307
CHR7	1E+07	CHR7:10285566	SSF x Near_LoA	-6,38369097	-0,093	0,304
CHR7	1E+07	CHR7:10285619	SSF x Near_LoA	-12,1658533	0,034	0,308
CHR7	1E+07	CHR7:10285766	SSF x Near_LoA	-8,47043499	-0,021	0,313
CHR7	1E+07	CHR7:10291771	SSF x Near_LoA	-9,50601275	0,005	0,311
CHR7	1E+07	CHR7:10291940	SSF x Near_LoA	-7,47191894	-0,117	0,302
CHR7	1E+07	CHR7:10291969	SSF x Near_LoA	-9,39765972	0,010	0,307
CHR7	1E+07	CHR7:10294767	SSF x Near_LoA	-8,6408099	0,020	0,306
CHR7	1E+07	CHR7:10294872	SSF x Near_LoA	-10,0871891	0,013	0,313
CHR7	1E+07	CHR7:10297783	SSF x Near_LoA	-9,62930544	-0,076	0,306
CHR7	1E+07	CHR7:10297977	SSF x Near_LoA	-9,73306722	0,108	0,306
CHR7	1E+07	CHR7:10311320	SSF x Near_LoA	-8,96182404	-0,054	0,311
CHR7	1E+07	CHR7:10311325	SSF x Near_LoA	-9,94461607	-0,030	0,295
CHR7	1E+07	CHR7:10311390	SSF x Near_LoA	-9,67050608	-0,042	0,302
CHR7	1E+07	CHR7:10311401	SSF x Near_LoA	-9,35306102	0,014	0,308
CHR7	1E+07	CHR7:10311416	SSF x Near_LoA	-11,0921103	0,031	0,302
CHR7	1E+07	CHR7:10311427	SSF x Near_LoA	-11,6450548	0,002	0,303
CHR7	1E+07	CHR7:10311428	SSF x Near_LoA	-11,0865489	0,023	0,302
CHR7	1E+07	CHR7:10311439	SSF x Near_LoA	-7,76443211	-0,010	0,310
CHR7	1E+07	CHR7:10311454	SSF x Near_LoA	-8,685562	-0,015	0,319
CHR7	1E+07	CHR7:10314551	SSF x Near_LoA	-11,2863474	0,035	0,299
CHR7	1E+07	CHR7:10314634	SSF x Near_LoA	-10,8886181	0,091	0,294
CHR7	1E+07	CHR7:10314694	SSF x Near_LoA	-8,99702826	0,016	0,311
CHR7	1E+07	CHR7:10314734	SSF x Near_LoA	-1,02989343	-0,180	0,304
CHR7	1E+07	CHR7:10328936	SSF x Near_LoA	-8,44323177	0,057	0,301
CHR7	1E+07	CHR7:10329119	SSF x Near_LoA	-10,6504873	0,030	0,305
CHR7	1E+07	CHR7:10329123	SSF x Near_LoA	-5,34789591	-0,077	0,307
CHR7	1033587	CHR7:1033587	SSF x Near_LoA	-7,34567994	-0,041	0,314
CHR7	1E+07	CHR7:10338444	SSF x Near_LoA	-6,26236399	0,104	0,306
CHR7	1E+07	CHR7:10338621	SSF x Near_LoA	-7,46279058	0,077	0,305
CHR7	1E+07	CHR7:10339846	SSF x Near_LoA	-11,10942	0,108	0,301
CHR7	1E+07	CHR7:10339924	SSF x Near_LoA	-8,69258839	0,021	0,290
CHR7	1E+07	CHR7:10341575	SSF x Near_LoA	-12,3148389	-0,042	0,310
CHR7	1E+07	CHR7:10341717	SSF x Near_LoA	-9,89241504	-0,042	0,315
CHR7	1E+07	CHR7:10341752	SSF x Near_LoA	-9,60316407	0,025	0,305
CHR7	1E+07	CHR7:10354958	SSF x Near_LoA	-9,39024539	0,035	0,305
CHR7	1E+07	CHR7:10354980	SSF x Near_LoA	-8,04286348	-0,109	0,314
CHR7	1E+07	CHR7:10355002	SSF x Near_LoA	-9,18550927	0,050	0,315
CHR7	1E+07	CHR7:10355003	SSF x Near_LoA	-7,64067931	0,006	0,310
CHR7	1E+07	CHR7:10355019	SSF x Near_LoA	-8,9918676	-0,087	0,313
CHR7	1E+07	CHR7:10355033	SSF x Near_LoA	-9,67929508	-0,083	0,313
CHR7	1E+07	CHR7:10359992	SSF x Near_LoA	-8,76985765	0,110	0,294
CHR7	1E+07	CHR7:10360052	SSF x Near_LoA	-5,66784812	-0,045	0,302
CHR7	1E+07	CHR7:10360265	SSF x Near_LoA	-5,97899226	0,121	0,314
CHR7	1E+07	CHR7:10379660	SSF x Near_LoA	-9,69123104	-0,042	0,325
CHR7	1E+07	CHR7:10379736	SSF x Near_LoA	-11,3102083	-0,074	0,307
CHR7	1E+07	CHR7:10379771	SSF x Near_LoA	-11,3828997	-0,004	0,313
CHR7	1038026	CHR7:1038026	SSF x Near_LoA	-6,56217124	0,176	0,306
CHR7	1038144	CHR7:1038144	SSF x Near_LoA	-6,04988644	0,091	0,306
CHR7	1038146	CHR7:1038146	SSF x Near_LoA	-8,97010027	0,067	0,303
CHR7	1038173	CHR7:1038173	SSF x Near_LoA	-7,54371041	0,076	0,318
CHR7	1038203	CHR7:1038203	SSF x Near_LoA	-8,20499621	0,149	0,291

CHR7	1E+07	CHR7:10387247	SSF x Near_LoA	-9,00007077	0,004	0,300
CHR7	1E+07	CHR7:10387267	SSF x Near_LoA	-10,3610191	0,060	0,305
CHR7	1E+07	CHR7:10389462	SSF x Near_LoA	-11,832994	0,012	0,311
CHR7	1E+07	CHR7:10390717	SSF x Near_LoA	-11,3057094	-0,031	0,300
CHR7	1E+07	CHR7:10390827	SSF x Near_LoA	-4,61035091	-0,059	0,302
CHR7	1E+07	CHR7:10390849	SSF x Near_LoA	-10,2364134	-0,076	0,309
CHR7	1E+07	CHR7:10390875	SSF x Near_LoA	-9,76642259	-0,046	0,302
CHR7	1E+07	CHR7:10390907	SSF x Near_LoA	-8,96954835	-0,145	0,302
CHR7	1E+07	CHR7:10393546	SSF x Near_LoA	-9,27583184	0,018	0,305
CHR7	1E+07	CHR7:10393578	SSF x Near_LoA	-8,80659009	0,068	0,308
CHR7	1E+07	CHR7:10393638	SSF x Near_LoA	-10,7146589	-0,049	0,315
CHR7	1E+07	CHR7:10395411	SSF x Near_LoA	1,54829829	0,106	0,302
CHR7	1E+07	CHR7:10406591	SSF x Near_LoA	-8,95806349	0,044	0,309
CHR7	1E+07	CHR7:10409431	SSF x Near_LoA	-9,3548054	-0,020	0,303
CHR7	1E+07	CHR7:10409512	SSF x Near_LoA	-8,84688151	0,019	0,305
CHR7	1E+07	CHR7:10409520	SSF x Near_LoA	-8,88820245	0,025	0,314
CHR7	1E+07	CHR7:10416817	SSF x Near_LoA	-10,757714	-0,091	0,315
CHR7	1E+07	CHR7:10416837	SSF x Near_LoA	-9,64541331	0,003	0,305
CHR7	1E+07	CHR7:10416843	SSF x Near_LoA	-6,28662651	0,059	0,310
CHR7	1E+07	CHR7:10416847	SSF x Near_LoA	-8,83811329	0,043	0,304
CHR7	1E+07	CHR7:10421964	SSF x Near_LoA	-11,1505115	-0,011	0,308
CHR7	1E+07	CHR7:10431260	SSF x Near_LoA	-9,22422511	-0,059	0,305
CHR7	1E+07	CHR7:10431272	SSF x Near_LoA	-9,03313762	-0,060	0,316
CHR7	1E+07	CHR7:10436234	SSF x Near_LoA	-9,13567355	-0,064	0,298
CHR7	1E+07	CHR7:10438552	SSF x Near_LoA	-9,08493696	0,059	0,304
CHR7	1E+07	CHR7:10438570	SSF x Near_LoA	-10,2221526	-0,037	0,311
CHR7	1E+07	CHR7:10438578	SSF x Near_LoA	-10,8255379	0,031	0,315
CHR7	1E+07	CHR7:10438608	SSF x Near_LoA	-8,49488482	-0,006	0,315
CHR7	1E+07	CHR7:10438627	SSF x Near_LoA	-11,5087149	0,011	0,306
CHR7	1E+07	CHR7:10438706	SSF x Near_LoA	-9,18899919	-0,025	0,309
CHR7	1E+07	CHR7:10438712	SSF x Near_LoA	-10,5705426	0,012	0,297
CHR7	1E+07	CHR7:10438732	SSF x Near_LoA	-8,54484799	0,098	0,307
CHR7	1E+07	CHR7:10438756	SSF x Near_LoA	-10,9863025	0,058	0,310
CHR7	1E+07	CHR7:10460793	SSF x Near_LoA	-8,75187322	-0,073	0,294
CHR7	1E+07	CHR7:10460872	SSF x Near_LoA	-10,1944152	0,036	0,307
CHR7	1E+07	CHR7:10460876	SSF x Near_LoA	-11,2252441	0,081	0,307
CHR7	1E+07	CHR7:10460907	SSF x Near_LoA	-8,16015959	0,038	0,298
CHR7	1E+07	CHR7:10467700	SSF x Near_LoA	-4,69705683	-0,195	0,299
CHR7	1E+07	CHR7:10467705	SSF x Near_LoA	-9,46938639	0,075	0,309
CHR7	1E+07	CHR7:10467707	SSF x Near_LoA	-5,03707428	0,168	0,310
CHR7	1E+07	CHR7:10467872	SSF x Near_LoA	-9,32425277	0,008	0,318
CHR7	1E+07	CHR7:10467962	SSF x Near_LoA	-1,45813765	0,000	0,301
CHR7	1E+07	CHR7:10482788	SSF x Near_LoA	-10,6985534	0,051	0,306
CHR7	1E+07	CHR7:10482844	SSF x Near_LoA	-12,1755723	-0,022	0,309
CHR7	1E+07	CHR7:10483391	SSF x Near_LoA	-8,53560882	0,133	0,311
CHR7	1E+07	CHR7:10483463	SSF x Near_LoA	-8,08103514	0,028	0,305
CHR7	1E+07	CHR7:10483466	SSF x Near_LoA	-11,2056569	0,021	0,299
CHR7	1048639	CHR7:1048639	SSF x Near_LoA	-10,7685784	-0,054	0,316
CHR7	1048832	CHR7:1048832	SSF x Near_LoA	-10,1393854	-0,005	0,307
CHR7	1048896	CHR7:1048896	SSF x Near_LoA	-7,48227365	0,066	0,309
CHR7	1E+07	CHR7:10491423	SSF x Near_LoA	-9,5564665	-0,043	0,305
CHR7	1E+07	CHR7:10491753	SSF x Near_LoA	-9,24399378	-0,038	0,310
CHR7	1E+07	CHR7:10498503	SSF x Near_LoA	-11,2087839	0,015	0,315

CHR7	1E+07	CHR7:10498557	SSF x Near_LoA	-10,2534977	-0,011	0,303
CHR7	10500512	CHR7:10500512	SSF x Near_LoA	-9,49212227	0,044	0,316
CHR7	10500513	CHR7:10500513	SSF x Near_LoA	-10,0603671	0,025	0,323
CHR7	10500593	CHR7:10500593	SSF x Near_LoA	-9,09055362	-0,009	0,319
CHR7	10500621	CHR7:10500621	SSF x Near_LoA	-7,23268052	-0,151	0,299
CHR7	10507417	CHR7:10507417	SSF x Near_LoA	-9,87365704	0,084	0,309
CHR7	10507571	CHR7:10507571	SSF x Near_LoA	-6,83246895	-0,147	0,313
CHR7	10507937	CHR7:10507937	SSF x Near_LoA	-8,59402685	-0,109	0,299
CHR7	10512045	CHR7:10512045	SSF x Near_LoA	-10,6739658	0,012	0,300
CHR7	10512084	CHR7:10512084	SSF x Near_LoA	-10,018599	-0,091	0,305
CHR7	10512101	CHR7:10512101	SSF x Near_LoA	-8,84080146	0,001	0,317
CHR7	10514356	CHR7:10514356	SSF x Near_LoA	-0,59061843	0,056	0,309
CHR7	10514380	CHR7:10514380	SSF x Near_LoA	-11,6292402	-0,014	0,317
CHR7	10514411	CHR7:10514411	SSF x Near_LoA	-9,24604172	-0,002	0,306
CHR7	10514471	CHR7:10514471	SSF x Near_LoA	-10,1815458	-0,063	0,308
CHR7	10514548	CHR7:10514548	SSF x Near_LoA	-8,00445263	-0,116	0,311
CHR7	10514577	CHR7:10514577	SSF x Near_LoA	-10,2269779	-0,075	0,294
CHR7	10520380	CHR7:10520380	SSF x Near_LoA	-4,71136837	-0,008	0,314
CHR7	10520433	CHR7:10520433	SSF x Near_LoA	-8,13478531	-0,025	0,303
CHR7	10520477	CHR7:10520477	SSF x Near_LoA	-7,95381064	-0,042	0,292
CHR7	10520497	CHR7:10520497	SSF x Near_LoA	-9,68525155	0,025	0,302
CHR7	10520525	CHR7:10520525	SSF x Near_LoA	-10,616719	-0,025	0,306
CHR7	1053984	CHR7:1053984	SSF x Near_LoA	-5,62304844	-0,068	0,293
CHR7	1054009	CHR7:1054009	SSF x Near_LoA	-1,09628872	-0,136	0,294
CHR7	1054124	CHR7:1054124	SSF x Near_LoA	-8,37995523	0,137	0,286
CHR7	1054147	CHR7:1054147	SSF x Near_LoA	-8,72195737	-0,005	0,310
CHR7	1054157	CHR7:1054157	SSF x Near_LoA	6,59998732	-0,115	0,304
CHR7	10550509	CHR7:10550509	SSF x Near_LoA	-7,89079532	0,004	0,316
CHR7	10550594	CHR7:10550594	SSF x Near_LoA	-10,4810342	-0,079	0,303
CHR7	10550629	CHR7:10550629	SSF x Near_LoA	-8,78572973	-0,149	0,290
CHR7	10553134	CHR7:10553134	SSF x Near_LoA	-8,78908396	-0,008	0,319
CHR7	10553731	CHR7:10553731	SSF x Near_LoA	-9,37061636	0,049	0,328
CHR7	10553751	CHR7:10553751	SSF x Near_LoA	-5,4445689	-0,183	0,308
CHR7	10553824	CHR7:10553824	SSF x Near_LoA	-7,288026	0,021	0,306
CHR7	10558127	CHR7:10558127	SSF x Near_LoA	-10,8990913	-0,030	0,312
CHR7	10558144	CHR7:10558144	SSF x Near_LoA	-7,11816218	0,004	0,308
CHR7	10558240	CHR7:10558240	SSF x Near_LoA	-9,10129497	0,078	0,289
CHR7	10558241	CHR7:10558241	SSF x Near_LoA	-11,5915141	-0,066	0,310
CHR7	10574276	CHR7:10574276	SSF x Near_LoA	-11,7546584	-0,072	0,289
CHR7	10577211	CHR7:10577211	SSF x Near_LoA	-8,87902762	-0,081	0,306
CHR7	10577339	CHR7:10577339	SSF x Near_LoA	-1,45044245	-0,218	0,294
CHR7	10587733	CHR7:10587733	SSF x Near_LoA	-8,10927191	-0,038	0,307
CHR7	10592520	CHR7:10592520	SSF x Near_LoA	-10,4944491	0,020	0,291
CHR7	1059572	CHR7:1059572	SSF x Near_LoA	-11,1344728	-0,024	0,302
CHR7	10599069	CHR7:10599069	SSF x Near_LoA	-6,82992042	0,162	0,316
CHR7	10599194	CHR7:10599194	SSF x Near_LoA	-9,5754809	-0,063	0,317
CHR7	10600309	CHR7:10600309	SSF x Near_LoA	-7,54137253	-0,081	0,309
CHR7	10600362	CHR7:10600362	SSF x Near_LoA	-10,0097994	-0,058	0,308
CHR7	10600367	CHR7:10600367	SSF x Near_LoA	-10,6933282	-0,076	0,297
CHR7	10600423	CHR7:10600423	SSF x Near_LoA	-10,8723885	0,065	0,302
CHR7	10616543	CHR7:10616543	SSF x Near_LoA	-11,2898058	0,018	0,304
CHR7	10616567	CHR7:10616567	SSF x Near_LoA	-8,15514034	0,001	0,315
CHR7	10616596	CHR7:10616596	SSF x Near_LoA	-10,4756458	-0,087	0,304

CHR7	10623297	CHR7:10623297	SSF x Near_LoA	-9,86758128	0,040	0,316
CHR7	10623362	CHR7:10623362	SSF x Near_LoA	-10,0116014	0,045	0,308
CHR7	10638032	CHR7:10638032	SSF x Near_LoA	-9,7803528	0,016	0,308
CHR7	10638213	CHR7:10638213	SSF x Near_LoA	-7,20117618	-0,102	0,305
CHR7	10639166	CHR7:10639166	SSF x Near_LoA	-8,01720645	-0,081	0,306
CHR7	10649404	CHR7:10649404	SSF x Near_LoA	-10,6072394	-0,004	0,325
CHR7	10654143	CHR7:10654143	SSF x Near_LoA	-10,6434975	-0,074	0,313
CHR7	10654207	CHR7:10654207	SSF x Near_LoA	-7,04277568	-0,159	0,289
CHR7	10654522	CHR7:10654522	SSF x Near_LoA	-9,56572239	-0,011	0,321
CHR7	10656600	CHR7:10656600	SSF x Near_LoA	-10,0477112	0,048	0,305
CHR7	10656762	CHR7:10656762	SSF x Near_LoA	-9,49982296	-0,003	0,288
CHR7	10656771	CHR7:10656771	SSF x Near_LoA	-8,5743064	-0,004	0,302
CHR7	10656783	CHR7:10656783	SSF x Near_LoA	-9,52839795	0,002	0,309
CHR7	10656795	CHR7:10656795	SSF x Near_LoA	-10,4769107	-0,033	0,297
CHR7	10656822	CHR7:10656822	SSF x Near_LoA	-9,04208802	-0,037	0,311
CHR7	10656824	CHR7:10656824	SSF x Near_LoA	-4,85588438	-0,007	0,310
CHR7	1065763	CHR7:1065763	SSF x Near_LoA	-11,0368468	-0,025	0,316
CHR7	10673320	CHR7:10673320	SSF x Near_LoA	-5,78708151	0,134	0,310
CHR7	10673420	CHR7:10673420	SSF x Near_LoA	-10,6963158	0,027	0,307
CHR7	10673495	CHR7:10673495	SSF x Near_LoA	-10,2718998	-0,109	0,312
CHR7	10675581	CHR7:10675581	SSF x Near_LoA	-9,70995148	0,017	0,303
CHR7	10679558	CHR7:10679558	SSF x Near_LoA	-8,63077847	0,017	0,323
CHR7	10679564	CHR7:10679564	SSF x Near_LoA	-9,39398551	0,009	0,313
CHR7	10679583	CHR7:10679583	SSF x Near_LoA	-8,69342729	0,046	0,307
CHR7	10679612	CHR7:10679612	SSF x Near_LoA	-11,7144196	-0,019	0,307
CHR7	10679631	CHR7:10679631	SSF x Near_LoA	-6,96908028	0,105	0,302
CHR7	10679669	CHR7:10679669	SSF x Near_LoA	-9,0132949	0,028	0,299
CHR7	10679674	CHR7:10679674	SSF x Near_LoA	-9,9388028	-0,001	0,306
CHR7	1068340	CHR7:1068340	SSF x Near_LoA	-8,29776523	-0,146	0,298
CHR7	1068341	CHR7:1068341	SSF x Near_LoA	-9,18314276	-0,020	0,301
CHR7	1068405	CHR7:1068405	SSF x Near_LoA	-9,58458168	-0,081	0,292
CHR7	10684089	CHR7:10684089	SSF x Near_LoA	-9,59644459	0,077	0,306
CHR7	10686396	CHR7:10686396	SSF x Near_LoA	-9,85029142	-0,023	0,300
CHR7	10686420	CHR7:10686420	SSF x Near_LoA	-6,78979823	0,074	0,300
CHR7	10686438	CHR7:10686438	SSF x Near_LoA	-11,3959513	0,082	0,305
CHR7	10687386	CHR7:10687386	SSF x Near_LoA	-9,79027693	-0,080	0,300
CHR7	1068772	CHR7:1068772	SSF x Near_LoA	-7,60575926	0,148	0,295
CHR7	1068789	CHR7:1068789	SSF x Near_LoA	-12,0875323	0,048	0,301
CHR7	1068790	CHR7:1068790	SSF x Near_LoA	-11,6311107	0,040	0,305
CHR7	10691285	CHR7:10691285	SSF x Near_LoA	-9,95927473	-0,038	0,304
CHR7	10691366	CHR7:10691366	SSF x Near_LoA	-9,72017583	0,077	0,292
CHR7	10691833	CHR7:10691833	SSF x Near_LoA	-10,9011529	-0,019	0,293
CHR7	10704289	CHR7:10704289	SSF x Near_LoA	-7,44027245	0,086	0,294
CHR7	10704316	CHR7:10704316	SSF x Near_LoA	-8,13999996	-0,056	0,314
CHR7	10704327	CHR7:10704327	SSF x Near_LoA	-9,70284734	-0,015	0,300
CHR7	10704343	CHR7:10704343	SSF x Near_LoA	-8,1131007	-0,047	0,311
CHR7	10704357	CHR7:10704357	SSF x Near_LoA	-7,45920565	-0,005	0,315
CHR7	10704409	CHR7:10704409	SSF x Near_LoA	-10,6434069	-0,136	0,303
CHR7	10704484	CHR7:10704484	SSF x Near_LoA	-10,1434269	0,019	0,320
CHR7	10704536	CHR7:10704536	SSF x Near_LoA	-9,39235058	0,027	0,311
CHR7	10707841	CHR7:10707841	SSF x Near_LoA	-6,40335554	0,093	0,299
CHR7	10707950	CHR7:10707950	SSF x Near_LoA	-8,1024585	-0,022	0,300
CHR7	10707963	CHR7:10707963	SSF x Near_LoA	-10,9915899	0,036	0,314

CHR7	10709326	CHR7:10709326	SSF x Near_LoA	-7,87592643	0,117	0,309
CHR7	10723924	CHR7:10723924	SSF x Near_LoA	-8,80929501	-0,081	0,300
CHR7	10733836	CHR7:10733836	SSF x Near_LoA	-8,8000647	0,066	0,301
CHR7	10739459	CHR7:10739459	SSF x Near_LoA	-6,16217596	-0,101	0,294
CHR7	10739486	CHR7:10739486	SSF x Near_LoA	-11,5027135	-0,068	0,301
CHR7	1074637	CHR7:1074637	SSF x Near_LoA	-12,3545033	-0,009	0,301
CHR7	1074642	CHR7:1074642	SSF x Near_LoA	-11,2297217	0,003	0,306
CHR7	1074654	CHR7:1074654	SSF x Near_LoA	-10,6738123	0,006	0,314
CHR7	1074689	CHR7:1074689	SSF x Near_LoA	-12,8047659	0,019	0,310
CHR7	1074694	CHR7:1074694	SSF x Near_LoA	-11,1879104	0,017	0,311
CHR7	10747803	CHR7:10747803	SSF x Near_LoA	-10,0200916	0,044	0,304
CHR7	10747840	CHR7:10747840	SSF x Near_LoA	-5,19133179	0,077	0,306
CHR7	1074796	CHR7:1074796	SSF x Near_LoA	-7,17895932	0,043	0,296
CHR7	1074809	CHR7:1074809	SSF x Near_LoA	-5,99664558	0,134	0,305
CHR7	1074814	CHR7:1074814	SSF x Near_LoA	8,39693587	-0,061	0,295
CHR7	1074815	CHR7:1074815	SSF x Near_LoA	-9,558029	-0,038	0,313
CHR7	1074854	CHR7:1074854	SSF x Near_LoA	-5,20523577	0,147	0,294
CHR7	10766328	CHR7:10766328	SSF x Near_LoA	-11,8035563	0,121	0,301
CHR7	10766412	CHR7:10766412	SSF x Near_LoA	-10,2698149	0,054	0,304
CHR7	10766477	CHR7:10766477	SSF x Near_LoA	-9,4504038	-0,040	0,304
CHR7	10766534	CHR7:10766534	SSF x Near_LoA	-9,73282807	-0,057	0,297
CHR7	10766601	CHR7:10766601	SSF x Near_LoA	-8,29249242	0,099	0,310
CHR7	10770648	CHR7:10770648	SSF x Near_LoA	-8,32379722	0,042	0,310
CHR7	10770652	CHR7:10770652	SSF x Near_LoA	-10,2917312	0,013	0,307
CHR7	10770837	CHR7:10770837	SSF x Near_LoA	-7,45564743	-0,119	0,304
CHR7	10773858	CHR7:10773858	SSF x Near_LoA	-9,71465595	-0,103	0,297
CHR7	10778121	CHR7:10778121	SSF x Near_LoA	-8,95900985	0,023	0,303
CHR7	10778133	CHR7:10778133	SSF x Near_LoA	9,78342292	0,178	0,296
CHR7	10778213	CHR7:10778213	SSF x Near_LoA	-12,2138209	0,102	0,280
CHR7	10778251	CHR7:10778251	SSF x Near_LoA	-10,7626913	-0,053	0,309
CHR7	10778297	CHR7:10778297	SSF x Near_LoA	-9,8274086	-0,045	0,304
CHR7	10780064	CHR7:10780064	SSF x Near_LoA	-8,10611151	-0,045	0,310
CHR7	10780077	CHR7:10780077	SSF x Near_LoA	-9,79567586	-0,009	0,297
CHR7	10780083	CHR7:10780083	SSF x Near_LoA	-9,08060789	0,001	0,304
CHR7	10790713	CHR7:10790713	SSF x Near_LoA	-9,87754973	-0,035	0,299
CHR7	10790726	CHR7:10790726	SSF x Near_LoA	-7,79751263	0,071	0,312
CHR7	10797252	CHR7:10797252	SSF x Near_LoA	-9,37707331	-0,085	0,309
CHR7	10809480	CHR7:10809480	SSF x Near_LoA	-6,22578441	0,093	0,312
CHR7	10815363	CHR7:10815363	SSF x Near_LoA	-10,4169875	0,116	0,312
CHR7	10815368	CHR7:10815368	SSF x Near_LoA	-9,56352469	0,020	0,304
CHR7	10818561	CHR7:10818561	SSF x Near_LoA	-9,21702413	-0,008	0,318
CHR7	10818654	CHR7:10818654	SSF x Near_LoA	-6,00034176	-0,144	0,295
CHR7	10831896	CHR7:10831896	SSF x Near_LoA	-7,71770754	0,063	0,311
CHR7	10832097	CHR7:10832097	SSF x Near_LoA	-8,55540479	-0,019	0,312
CHR7	10843672	CHR7:10843672	SSF x Near_LoA	-11,151984	-0,067	0,290
CHR7	10843680	CHR7:10843680	SSF x Near_LoA	-8,2706139	-0,060	0,302
CHR7	10843699	CHR7:10843699	SSF x Near_LoA	-8,39829175	-0,020	0,311
CHR7	10843915	CHR7:10843915	SSF x Near_LoA	-7,83663708	-0,037	0,307
CHR7	10843941	CHR7:10843941	SSF x Near_LoA	-3,34653389	-0,030	0,319
CHR7	10852782	CHR7:10852782	SSF x Near_LoA	-7,03880666	-0,130	0,301
CHR7	1085739	CHR7:1085739	SSF x Near_LoA	-8,13058402	-0,090	0,304
CHR7	1085741	CHR7:1085741	SSF x Near_LoA	-9,26478734	-0,029	0,297
CHR7	1085742	CHR7:1085742	SSF x Near_LoA	-0,51072256	0,112	0,303

CHR7	1085804	CHR7:1085804	SSF x Near_LoA	-11,1004644	0,004	0,312
CHR7	1085805	CHR7:1085805	SSF x Near_LoA	-10,8023356	-0,005	0,323
CHR7	1085814	CHR7:1085814	SSF x Near_LoA	-8,90525562	0,028	0,325
CHR7	10858370	CHR7:10858370	SSF x Near_LoA	-8,94676313	-0,039	0,311
CHR7	10859428	CHR7:10859428	SSF x Near_LoA	-8,31484827	0,005	0,303
CHR7	10859431	CHR7:10859431	SSF x Near_LoA	-7,26734864	-0,106	0,307
CHR7	10859457	CHR7:10859457	SSF x Near_LoA	-12,140393	0,041	0,307
CHR7	10859541	CHR7:10859541	SSF x Near_LoA	-8,31473654	0,057	0,311
CHR7	10870173	CHR7:10870173	SSF x Near_LoA	-10,547319	0,054	0,315
CHR7	10870329	CHR7:10870329	SSF x Near_LoA	-11,0719199	-0,104	0,306
CHR7	10882623	CHR7:10882623	SSF x Near_LoA	-9,2967628	-0,059	0,309
CHR7	10882629	CHR7:10882629	SSF x Near_LoA	-9,88957635	0,006	0,306
CHR7	10882678	CHR7:10882678	SSF x Near_LoA	-10,4800761	-0,123	0,299
CHR7	10882683	CHR7:10882683	SSF x Near_LoA	-7,70764241	-0,155	0,310
CHR7	10882868	CHR7:10882868	SSF x Near_LoA	-9,47846291	-0,053	0,314
CHR7	10883804	CHR7:10883804	SSF x Near_LoA	3,20642002	0,148	0,315
CHR7	10883819	CHR7:10883819	SSF x Near_LoA	-9,80112646	0,100	0,302
CHR7	10883863	CHR7:10883863	SSF x Near_LoA	-8,2743156	0,094	0,311
CHR7	10883872	CHR7:10883872	SSF x Near_LoA	-9,49608031	-0,004	0,318
CHR7	10884216	CHR7:10884216	SSF x Near_LoA	-7,99963548	0,003	0,297
CHR7	10903752	CHR7:10903752	SSF x Near_LoA	-8,25945366	-0,055	0,316
CHR7	10903833	CHR7:10903833	SSF x Near_LoA	-10,1111683	0,109	0,302
CHR7	10903942	CHR7:10903942	SSF x Near_LoA	-10,4803718	0,041	0,305
CHR7	10903959	CHR7:10903959	SSF x Near_LoA	-11,1919466	0,004	0,302
CHR7	10911014	CHR7:10911014	SSF x Near_LoA	-9,56919226	-0,015	0,300
CHR7	10911050	CHR7:10911050	SSF x Near_LoA	-10,3943126	-0,097	0,296
CHR7	10911090	CHR7:10911090	SSF x Near_LoA	-11,3550659	0,034	0,295
CHR7	10911122	CHR7:10911122	SSF x Near_LoA	-9,50848312	-0,093	0,304
CHR7	10911146	CHR7:10911146	SSF x Near_LoA	-5,19780941	-0,177	0,311
CHR7	10911180	CHR7:10911180	SSF x Near_LoA	-7,99881424	0,088	0,312
CHR7	10911183	CHR7:10911183	SSF x Near_LoA	-12,2710956	0,045	0,305
CHR7	10921911	CHR7:10921911	SSF x Near_LoA	-10,833893	-0,029	0,301
CHR7	10921999	CHR7:10921999	SSF x Near_LoA	-9,80995738	-0,047	0,311
CHR7	10922165	CHR7:10922165	SSF x Near_LoA	-9,28523703	0,128	0,297
CHR7	10922202	CHR7:10922202	SSF x Near_LoA	-9,68814032	-0,090	0,307
CHR7	10935370	CHR7:10935370	SSF x Near_LoA	-6,77077736	0,149	0,299
CHR7	10953038	CHR7:10953038	SSF x Near_LoA	-11,335855	0,001	0,315
CHR7	10953043	CHR7:10953043	SSF x Near_LoA	-12,6278168	-0,063	0,295
CHR7	10953061	CHR7:10953061	SSF x Near_LoA	-10,914921	0,049	0,302
CHR7	10953085	CHR7:10953085	SSF x Near_LoA	-6,23486477	-0,123	0,308
CHR7	10955447	CHR7:10955447	SSF x Near_LoA	-11,0897048	0,056	0,298
CHR7	10956617	CHR7:10956617	SSF x Near_LoA	-10,5151722	-0,079	0,303
CHR7	10956636	CHR7:10956636	SSF x Near_LoA	-9,35385582	0,001	0,315
CHR7	10956639	CHR7:10956639	SSF x Near_LoA	-10,5274648	-0,082	0,315
CHR7	10956644	CHR7:10956644	SSF x Near_LoA	-11,175227	0,089	0,313
CHR7	10956683	CHR7:10956683	SSF x Near_LoA	-1,59549291	0,094	0,315
CHR7	10956695	CHR7:10956695	SSF x Near_LoA	-8,75034473	0,008	0,305
CHR7	10956799	CHR7:10956799	SSF x Near_LoA	-12,0823725	-0,050	0,314
CHR7	10956820	CHR7:10956820	SSF x Near_LoA	-8,54013022	0,077	0,309
CHR7	10956823	CHR7:10956823	SSF x Near_LoA	-12,4370845	0,036	0,300
CHR7	10956825	CHR7:10956825	SSF x Near_LoA	-8,04732586	-0,030	0,305
CHR7	10956874	CHR7:10956874	SSF x Near_LoA	-11,457264	-0,034	0,297
CHR7	10956877	CHR7:10956877	SSF x Near_LoA	-10,3080829	0,066	0,306

CHR7	10963682	CHR7:10963682	SSF x Near_LoA	-7,99850177	-0,108	0,310
CHR7	10963683	CHR7:10963683	SSF x Near_LoA	-8,86141304	-0,111	0,305
CHR7	10963723	CHR7:10963723	SSF x Near_LoA	-1,9560248	-0,161	0,302
CHR7	10963786	CHR7:10963786	SSF x Near_LoA	-8,56118699	-0,019	0,299
CHR7	10974509	CHR7:10974509	SSF x Near_LoA	-7,09088326	0,025	0,318
CHR7	10974510	CHR7:10974510	SSF x Near_LoA	-11,8919827	0,023	0,293
CHR7	10974532	CHR7:10974532	SSF x Near_LoA	-10,1167279	0,033	0,287
CHR7	10974546	CHR7:10974546	SSF x Near_LoA	-11,5414348	0,043	0,286
CHR7	10974579	CHR7:10974579	SSF x Near_LoA	-9,86904295	-0,050	0,313
CHR7	10974594	CHR7:10974594	SSF x Near_LoA	-10,4283349	-0,039	0,312
CHR7	10977885	CHR7:10977885	SSF x Near_LoA	-7,75737457	-0,019	0,302
CHR7	10977890	CHR7:10977890	SSF x Near_LoA	-7,27592737	-0,029	0,316
CHR7	11003401	CHR7:11003401	SSF x Near_LoA	-11,3034511	-0,052	0,302
CHR7	11015694	CHR7:11015694	SSF x Near_LoA	-4,5108354	-0,085	0,321
CHR7	11033897	CHR7:11033897	SSF x Near_LoA	-10,1535281	0,025	0,318
CHR7	11033962	CHR7:11033962	SSF x Near_LoA	-8,55393033	-0,036	0,291
CHR7	11039235	CHR7:11039235	SSF x Near_LoA	-7,45416276	0,008	0,310
CHR7	11039275	CHR7:11039275	SSF x Near_LoA	-7,58528132	-0,012	0,320
CHR7	11039325	CHR7:11039325	SSF x Near_LoA	-9,69736469	0,106	0,301
CHR7	11039444	CHR7:11039444	SSF x Near_LoA	-10,7240669	-0,069	0,300
CHR7	11039477	CHR7:11039477	SSF x Near_LoA	-9,10519902	0,091	0,309
CHR7	11042097	CHR7:11042097	SSF x Near_LoA	-8,8676779	0,004	0,311
CHR7	11043292	CHR7:11043292	SSF x Near_LoA	-9,82773565	-0,024	0,313
CHR7	11043312	CHR7:11043312	SSF x Near_LoA	-8,95535875	0,069	0,291
CHR7	11043317	CHR7:11043317	SSF x Near_LoA	-8,84883209	0,060	0,300
CHR7	11043318	CHR7:11043318	SSF x Near_LoA	-9,21117759	0,038	0,306
CHR7	11043405	CHR7:11043405	SSF x Near_LoA	-10,2962337	-0,030	0,297
CHR7	11043484	CHR7:11043484	SSF x Near_LoA	-9,73791791	0,022	0,300
CHR7	11049553	CHR7:11049553	SSF x Near_LoA	-8,22171089	0,073	0,304
CHR7	11051024	CHR7:11051024	SSF x Near_LoA	-8,99172782	-0,011	0,304
CHR7	11051183	CHR7:11051183	SSF x Near_LoA	-10,4428594	-0,001	0,304
CHR7	11051206	CHR7:11051206	SSF x Near_LoA	-9,73130223	-0,066	0,322
CHR7	1105997	CHR7:1105997	SSF x Near_LoA	-8,30500595	0,071	0,295
CHR7	1106018	CHR7:1106018	SSF x Near_LoA	-6,89666623	0,153	0,304
CHR7	1106038	CHR7:1106038	SSF x Near_LoA	-10,3150126	-0,012	0,307
CHR7	11066204	CHR7:11066204	SSF x Near_LoA	-6,61721091	0,031	0,305
CHR7	1107118	CHR7:1107118	SSF x Near_LoA	-8,96626163	-0,009	0,303
CHR7	11077663	CHR7:11077663	SSF x Near_LoA	-7,54069791	-0,009	0,312
CHR7	11078634	CHR7:11078634	SSF x Near_LoA	3,82842776	0,050	0,322
CHR7	1108184	CHR7:1108184	SSF x Near_LoA	-9,101158	0,022	0,310
CHR7	11102988	CHR7:11102988	SSF x Near_LoA	-8,19863376	0,011	0,315
CHR7	11110362	CHR7:11110362	SSF x Near_LoA	-9,26181143	0,082	0,304
CHR7	11138504	CHR7:11138504	SSF x Near_LoA	-6,83645368	-0,005	0,294
CHR7	11138544	CHR7:11138544	SSF x Near_LoA	-10,5329785	0,038	0,309
CHR7	11138630	CHR7:11138630	SSF x Near_LoA	-9,37319213	-0,054	0,322
CHR7	11138737	CHR7:11138737	SSF x Near_LoA	-3,38477651	0,135	0,312
CHR7	11138742	CHR7:11138742	SSF x Near_LoA	-8,71316559	0,048	0,308
CHR7	1114616	CHR7:1114616	SSF x Near_LoA	-8,96637188	-0,024	0,298
CHR7	1114679	CHR7:1114679	SSF x Near_LoA	-9,34318487	-0,008	0,316
CHR7	1114797	CHR7:1114797	SSF x Near_LoA	-9,94853982	0,047	0,281
CHR7	11154571	CHR7:11154571	SSF x Near_LoA	-10,2172738	0,053	0,299
CHR7	11154784	CHR7:11154784	SSF x Near_LoA	-9,81094218	-0,011	0,294
CHR7	11154797	CHR7:11154797	SSF x Near_LoA	-9,20422969	-0,049	0,312

CHR7	11154830	CHR7:11154830	SSF x Near_LoA	-0,08596878	-0,025	0,301
CHR7	11154846	CHR7:11154846	SSF x Near_LoA	-9,16402266	-0,039	0,305
CHR7	11167756	CHR7:11167756	SSF x Near_LoA	-10,8025991	-0,040	0,307
CHR7	11167858	CHR7:11167858	SSF x Near_LoA	-9,73893918	0,044	0,304
CHR7	11175382	CHR7:11175382	SSF x Near_LoA	-10,7755114	0,074	0,292
CHR7	11175386	CHR7:11175386	SSF x Near_LoA	-8,84401635	-0,010	0,315
CHR7	11177335	CHR7:11177335	SSF x Near_LoA	-9,27671084	0,136	0,296
CHR7	11177350	CHR7:11177350	SSF x Near_LoA	-8,35935215	-0,161	0,305
CHR7	11179519	CHR7:11179519	SSF x Near_LoA	-6,3543407	-0,049	0,304
CHR7	11179538	CHR7:11179538	SSF x Near_LoA	-8,92166913	0,047	0,305
CHR7	11179708	CHR7:11179708	SSF x Near_LoA	-8,62160281	-0,049	0,321
CHR7	11179726	CHR7:11179726	SSF x Near_LoA	-7,87198499	-0,086	0,297
CHR7	11179743	CHR7:11179743	SSF x Near_LoA	-7,27028957	-0,125	0,305
CHR7	1118213	CHR7:1118213	SSF x Near_LoA	-8,40751881	0,113	0,306
CHR7	1118223	CHR7:1118223	SSF x Near_LoA	-10,2061412	0,018	0,299
CHR7	11185131	CHR7:11185131	SSF x Near_LoA	-11,3612061	-0,017	0,320
CHR7	11193477	CHR7:11193477	SSF x Near_LoA	-9,43401404	0,073	0,296
CHR7	11193498	CHR7:11193498	SSF x Near_LoA	-9,14103883	0,065	0,302
CHR7	11194610	CHR7:11194610	SSF x Near_LoA	-8,98719048	-0,085	0,284
CHR7	11194635	CHR7:11194635	SSF x Near_LoA	-9,9524305	0,092	0,297
CHR7	1120572	CHR7:1120572	SSF x Near_LoA	-6,4078247	-0,093	0,309
CHR7	11206425	CHR7:11206425	SSF x Near_LoA	-4,44731172	0,051	0,311
CHR7	11212745	CHR7:11212745	SSF x Near_LoA	-9,54975646	-0,150	0,306
CHR7	11212776	CHR7:11212776	SSF x Near_LoA	-9,00011431	0,049	0,312
CHR7	11212814	CHR7:11212814	SSF x Near_LoA	-9,42179096	0,008	0,308
CHR7	11219848	CHR7:11219848	SSF x Near_LoA	-6,19472044	0,026	0,317
CHR7	11219854	CHR7:11219854	SSF x Near_LoA	-9,80584481	0,106	0,296
CHR7	11219904	CHR7:11219904	SSF x Near_LoA	-8,97103865	-0,064	0,308
CHR7	11221946	CHR7:11221946	SSF x Near_LoA	-7,57129099	0,102	0,301
CHR7	11223790	CHR7:11223790	SSF x Near_LoA	-10,1936508	-0,021	0,301
CHR7	11227138	CHR7:11227138	SSF x Near_LoA	-10,0940492	0,000	0,315
CHR7	11227169	CHR7:11227169	SSF x Near_LoA	-7,58763212	-0,141	0,299
CHR7	11227172	CHR7:11227172	SSF x Near_LoA	-7,57057674	-0,114	0,302
CHR7	11227175	CHR7:11227175	SSF x Near_LoA	-7,60032147	-0,098	0,293
CHR7	11227195	CHR7:11227195	SSF x Near_LoA	-7,12433868	-0,153	0,305
CHR7	11227212	CHR7:11227212	SSF x Near_LoA	-9,45103588	0,028	0,314
CHR7	11228205	CHR7:11228205	SSF x Near_LoA	-8,76394847	0,076	0,298
CHR7	11228288	CHR7:11228288	SSF x Near_LoA	-10,003254	-0,021	0,315
CHR7	11237683	CHR7:11237683	SSF x Near_LoA	-8,1029899	0,132	0,309
CHR7	11241211	CHR7:11241211	SSF x Near_LoA	-8,40256014	-0,069	0,304
CHR7	11241216	CHR7:11241216	SSF x Near_LoA	-6,56288015	-0,057	0,300
CHR7	11272375	CHR7:11272375	SSF x Near_LoA	-9,4724874	-0,149	0,301
CHR7	11272443	CHR7:11272443	SSF x Near_LoA	-9,91277999	-0,133	0,305
CHR7	11281685	CHR7:11281685	SSF x Near_LoA	-10,3942823	0,036	0,293
CHR7	11281687	CHR7:11281687	SSF x Near_LoA	-8,27473861	0,157	0,300
CHR7	11286242	CHR7:11286242	SSF x Near_LoA	-11,7070483	0,001	0,309
CHR7	11299620	CHR7:11299620	SSF x Near_LoA	-10,2230226	-0,058	0,310
CHR7	11309296	CHR7:11309296	SSF x Near_LoA	-10,9943794	0,077	0,301
CHR7	11309341	CHR7:11309341	SSF x Near_LoA	-8,48367555	0,015	0,313
CHR7	11309366	CHR7:11309366	SSF x Near_LoA	-8,6887118	0,028	0,294
CHR7	11309368	CHR7:11309368	SSF x Near_LoA	1,57105886	0,071	0,291
CHR7	11309399	CHR7:11309399	SSF x Near_LoA	-9,24761558	0,032	0,312
CHR7	11310107	CHR7:11310107	SSF x Near_LoA	-8,21090201	-0,026	0,318

CHR7	11310120	CHR7:11310120	SSF x Near_LoA	-11,2358044	0,002	0,303
CHR7	11315330	CHR7:11315330	SSF x Near_LoA	-7,09647301	0,143	0,307
CHR7	11315464	CHR7:11315464	SSF x Near_LoA	-10,1780752	-0,057	0,310
CHR7	11318145	CHR7:11318145	SSF x Near_LoA	-12,2757251	0,003	0,306
CHR7	11318158	CHR7:11318158	SSF x Near_LoA	-10,8497049	0,039	0,308
CHR7	11318259	CHR7:11318259	SSF x Near_LoA	-11,262572	0,038	0,317
CHR7	11318357	CHR7:11318357	SSF x Near_LoA	-11,2181388	0,063	0,301
CHR7	11325059	CHR7:11325059	SSF x Near_LoA	-11,0184859	-0,013	0,302
CHR7	11325083	CHR7:11325083	SSF x Near_LoA	-10,027289	-0,053	0,307
CHR7	11325246	CHR7:11325246	SSF x Near_LoA	-10,9491833	0,040	0,311
CHR7	11329487	CHR7:11329487	SSF x Near_LoA	-9,65418774	-0,067	0,304
CHR7	11329570	CHR7:11329570	SSF x Near_LoA	-8,88235868	-0,040	0,309
CHR7	11329727	CHR7:11329727	SSF x Near_LoA	-10,8184931	0,000	0,303
CHR7	11331850	CHR7:11331850	SSF x Near_LoA	-10,2300801	-0,037	0,326
CHR7	11331878	CHR7:11331878	SSF x Near_LoA	-10,6190507	-0,016	0,305
CHR7	11331888	CHR7:11331888	SSF x Near_LoA	-9,85128452	0,093	0,305
CHR7	11332005	CHR7:11332005	SSF x Near_LoA	-7,41861817	0,117	0,304
CHR7	11332060	CHR7:11332060	SSF x Near_LoA	-6,99160291	-0,010	0,312
CHR7	11332087	CHR7:11332087	SSF x Near_LoA	-9,65092822	-0,114	0,291
CHR7	11337968	CHR7:11337968	SSF x Near_LoA	-11,7598467	0,014	0,289
CHR7	11338108	CHR7:11338108	SSF x Near_LoA	-11,3993455	-0,028	0,303
CHR7	1133915	CHR7:1133915	SSF x Near_LoA	-8,54946343	-0,045	0,308
CHR7	1133918	CHR7:1133918	SSF x Near_LoA	-8,44163197	-0,051	0,312
CHR7	1133925	CHR7:1133925	SSF x Near_LoA	-9,17068553	0,005	0,315
CHR7	1133930	CHR7:1133930	SSF x Near_LoA	-6,44543699	-0,167	0,299
CHR7	1133931	CHR7:1133931	SSF x Near_LoA	-9,84631784	0,005	0,312
CHR7	1133935	CHR7:1133935	SSF x Near_LoA	-9,60035743	0,036	0,307
CHR7	1134103	CHR7:1134103	SSF x Near_LoA	-6,27249741	0,167	0,290
CHR7	11344770	CHR7:11344770	SSF x Near_LoA	-10,2504431	0,096	0,305
CHR7	11344784	CHR7:11344784	SSF x Near_LoA	-9,92285649	0,108	0,304
CHR7	11344805	CHR7:11344805	SSF x Near_LoA	0,71526537	0,041	0,305
CHR7	11344895	CHR7:11344895	SSF x Near_LoA	-9,7514724	-0,055	0,319
CHR7	11355511	CHR7:11355511	SSF x Near_LoA	-10,8399069	0,046	0,312
CHR7	11366772	CHR7:11366772	SSF x Near_LoA	-7,07569288	0,083	0,300
CHR7	11366790	CHR7:11366790	SSF x Near_LoA	-9,24401405	-0,073	0,312
CHR7	11369611	CHR7:11369611	SSF x Near_LoA	-9,87627256	-0,089	0,317
CHR7	11369624	CHR7:11369624	SSF x Near_LoA	-9,58260628	-0,043	0,305
CHR7	11369631	CHR7:11369631	SSF x Near_LoA	-11,5497232	-0,018	0,298
CHR7	11369688	CHR7:11369688	SSF x Near_LoA	-11,1683615	-0,040	0,314
CHR7	11382169	CHR7:11382169	SSF x Near_LoA	-8,27375303	-0,037	0,312
CHR7	11382214	CHR7:11382214	SSF x Near_LoA	-9,52767941	-0,048	0,314
CHR7	11382328	CHR7:11382328	SSF x Near_LoA	-8,68199398	-0,048	0,302
CHR7	1138524	CHR7:1138524	SSF x Near_LoA	-9,11506035	0,137	0,300
CHR7	11387130	CHR7:11387130	SSF x Near_LoA	-11,1402702	-0,037	0,303
CHR7	11387158	CHR7:11387158	SSF x Near_LoA	-6,53958599	0,153	0,305
CHR7	11406304	CHR7:11406304	SSF x Near_LoA	-11,859586	-0,040	0,297
CHR7	11406331	CHR7:11406331	SSF x Near_LoA	-9,79022909	0,058	0,317
CHR7	1140642	CHR7:1140642	SSF x Near_LoA	-7,96855808	0,035	0,301
CHR7	1140864	CHR7:1140864	SSF x Near_LoA	-10,6813763	0,055	0,305
CHR7	1140897	CHR7:1140897	SSF x Near_LoA	-6,20004476	-0,186	0,313
CHR7	11418046	CHR7:11418046	SSF x Near_LoA	-8,51908821	-0,091	0,314
CHR7	11418080	CHR7:11418080	SSF x Near_LoA	-10,4215308	0,042	0,312
CHR7	11430268	CHR7:11430268	SSF x Near_LoA	-7,55922038	-0,109	0,314

CHR7	11430515	CHR7:11430515	SSF x Near_LoA	-10,2320963	0,071	0,311
CHR7	1143305	CHR7:1143305	SSF x Near_LoA	-11,0578704	-0,100	0,308
CHR7	1143451	CHR7:1143451	SSF x Near_LoA	-7,5815098	-0,079	0,307
CHR7	1143463	CHR7:1143463	SSF x Near_LoA	-10,1952364	0,002	0,315
CHR7	11436384	CHR7:11436384	SSF x Near_LoA	-9,42118631	0,033	0,309
CHR7	11436593	CHR7:11436593	SSF x Near_LoA	-9,9328258	0,053	0,293
CHR7	11436632	CHR7:11436632	SSF x Near_LoA	-8,54947124	0,177	0,284
CHR7	11436710	CHR7:11436710	SSF x Near_LoA	-9,68306891	0,012	0,303
CHR7	11439362	CHR7:11439362	SSF x Near_LoA	-9,05514434	-0,005	0,296
CHR7	11442562	CHR7:11442562	SSF x Near_LoA	-7,58274839	0,023	0,314
CHR7	11443183	CHR7:11443183	SSF x Near_LoA	-9,48820264	0,033	0,323
CHR7	11443210	CHR7:11443210	SSF x Near_LoA	-11,0339743	0,064	0,315
CHR7	11477555	CHR7:11477555	SSF x Near_LoA	-10,7944127	-0,047	0,316
CHR7	11477600	CHR7:11477600	SSF x Near_LoA	-9,54353173	0,083	0,308
CHR7	11477635	CHR7:11477635	SSF x Near_LoA	-9,12243522	0,022	0,299
CHR7	11477710	CHR7:11477710	SSF x Near_LoA	-9,16541003	-0,019	0,311
CHR7	11477743	CHR7:11477743	SSF x Near_LoA	-9,41950886	-0,007	0,326
CHR7	11477770	CHR7:11477770	SSF x Near_LoA	-8,25685383	-0,073	0,299
CHR7	11477792	CHR7:11477792	SSF x Near_LoA	-6,67818046	-0,206	0,293
CHR7	11477822	CHR7:11477822	SSF x Near_LoA	-7,77762507	-0,179	0,288
CHR7	11479464	CHR7:11479464	SSF x Near_LoA	-4,90539394	-0,084	0,301
CHR7	11479501	CHR7:11479501	SSF x Near_LoA	-2,43979463	-0,004	0,303
CHR7	11479512	CHR7:11479512	SSF x Near_LoA	-8,70958774	-0,021	0,310
CHR7	11479520	CHR7:11479520	SSF x Near_LoA	-9,37158842	-0,020	0,303
CHR7	11479550	CHR7:11479550	SSF x Near_LoA	-8,74032151	-0,022	0,292
CHR7	11479580	CHR7:11479580	SSF x Near_LoA	-6,48183828	-0,021	0,294
CHR7	11479582	CHR7:11479582	SSF x Near_LoA	-8,30989245	0,023	0,304
CHR7	11479586	CHR7:11479586	SSF x Near_LoA	-8,30164183	-0,010	0,293
CHR7	11479587	CHR7:11479587	SSF x Near_LoA	-6,6148661	0,005	0,299
CHR7	11479596	CHR7:11479596	SSF x Near_LoA	-11,965314	-0,025	0,304
CHR7	11479631	CHR7:11479631	SSF x Near_LoA	-11,0434123	-0,022	0,303
CHR7	11479654	CHR7:11479654	SSF x Near_LoA	-7,33548888	0,062	0,321
CHR7	11479670	CHR7:11479670	SSF x Near_LoA	-8,24385043	0,121	0,307
CHR7	11484723	CHR7:11484723	SSF x Near_LoA	-9,36332497	0,145	0,303
CHR7	11484724	CHR7:11484724	SSF x Near_LoA	-8,85602602	0,086	0,311
CHR7	11484740	CHR7:11484740	SSF x Near_LoA	-9,47324998	-0,090	0,305
CHR7	11484741	CHR7:11484741	SSF x Near_LoA	-9,43954718	-0,085	0,308
CHR7	11484747	CHR7:11484747	SSF x Near_LoA	-10,6808915	0,052	0,308
CHR7	11484782	CHR7:11484782	SSF x Near_LoA	-5,32597451	0,081	0,306
CHR7	11484784	CHR7:11484784	SSF x Near_LoA	-7,99138682	0,059	0,307
CHR7	11484801	CHR7:11484801	SSF x Near_LoA	-9,77090682	-0,102	0,304
CHR7	11484831	CHR7:11484831	SSF x Near_LoA	-10,6072341	0,127	0,312
CHR7	11484928	CHR7:11484928	SSF x Near_LoA	-9,3669215	0,084	0,315
CHR7	11484947	CHR7:11484947	SSF x Near_LoA	-8,61850061	-0,059	0,305
CHR7	11488159	CHR7:11488159	SSF x Near_LoA	-11,2737922	0,013	0,318
CHR7	11528579	CHR7:11528579	SSF x Near_LoA	-9,70304733	-0,051	0,304
CHR7	11528637	CHR7:11528637	SSF x Near_LoA	-9,42916265	-0,125	0,293
CHR7	11528644	CHR7:11528644	SSF x Near_LoA	-9,68732055	-0,101	0,303
CHR7	11528660	CHR7:11528660	SSF x Near_LoA	-8,26896379	-0,035	0,308
CHR7	11528742	CHR7:11528742	SSF x Near_LoA	-11,3220373	-0,026	0,309
CHR7	11528757	CHR7:11528757	SSF x Near_LoA	-10,3528532	-0,007	0,324
CHR7	11528762	CHR7:11528762	SSF x Near_LoA	-11,2721208	-0,034	0,300
CHR7	11528789	CHR7:11528789	SSF x Near_LoA	-8,36903577	0,150	0,303

CHR7	11529786	CHR7:11529786	SSF x Near_LoA	-9,69498365	0,038	0,294
CHR7	11529814	CHR7:11529814	SSF x Near_LoA	-11,8165785	0,033	0,304
CHR7	1154610	CHR7:1154610	SSF x Near_LoA	-8,78744069	0,022	0,307
CHR7	1154735	CHR7:1154735	SSF x Near_LoA	-8,38091828	-0,057	0,305
CHR7	1154736	CHR7:1154736	SSF x Near_LoA	-9,63542357	-0,072	0,313
CHR7	1154797	CHR7:1154797	SSF x Near_LoA	-8,83197001	-0,017	0,310
CHR7	1154818	CHR7:1154818	SSF x Near_LoA	-8,5981951	0,022	0,309
CHR7	11550637	CHR7:11550637	SSF x Near_LoA	-10,54868	0,070	0,294
CHR7	11550894	CHR7:11550894	SSF x Near_LoA	-8,53614444	0,041	0,324
CHR7	11550956	CHR7:11550956	SSF x Near_LoA	-9,05897706	-0,010	0,289
CHR7	11558288	CHR7:11558288	SSF x Near_LoA	-9,98799357	-0,089	0,301
CHR7	11558295	CHR7:11558295	SSF x Near_LoA	-1,24882936	0,161	0,290
CHR7	11558369	CHR7:11558369	SSF x Near_LoA	-7,68988603	-0,073	0,299
CHR7	11558373	CHR7:11558373	SSF x Near_LoA	-9,88220805	0,011	0,313
CHR7	11558376	CHR7:11558376	SSF x Near_LoA	-5,9311909	-0,169	0,302
CHR7	11558380	CHR7:11558380	SSF x Near_LoA	-10,7532703	0,060	0,314
CHR7	11558383	CHR7:11558383	SSF x Near_LoA	-9,30190778	0,041	0,309
CHR7	11558414	CHR7:11558414	SSF x Near_LoA	-5,18933279	-0,073	0,298
CHR7	11568555	CHR7:11568555	SSF x Near_LoA	-10,1928641	-0,011	0,299
CHR7	11574500	CHR7:11574500	SSF x Near_LoA	-11,0891786	0,084	0,298
CHR7	11574507	CHR7:11574507	SSF x Near_LoA	-7,42794348	0,076	0,311
CHR7	11574568	CHR7:11574568	SSF x Near_LoA	-4,23713495	0,059	0,312
CHR7	11574739	CHR7:11574739	SSF x Near_LoA	-11,1262987	0,089	0,314
CHR7	11582884	CHR7:11582884	SSF x Near_LoA	-8,79811635	0,026	0,317
CHR7	11582995	CHR7:11582995	SSF x Near_LoA	-2,17292518	-0,091	0,303
CHR7	11583090	CHR7:11583090	SSF x Near_LoA	-11,1450292	-0,061	0,304
CHR7	11588662	CHR7:11588662	SSF x Near_LoA	-8,86260862	-0,080	0,306
CHR7	11588742	CHR7:11588742	SSF x Near_LoA	-8,14005398	0,042	0,300
CHR7	11591598	CHR7:11591598	SSF x Near_LoA	-7,27802929	0,039	0,307
CHR7	11591691	CHR7:11591691	SSF x Near_LoA	-11,2488866	0,015	0,311
CHR7	11591713	CHR7:11591713	SSF x Near_LoA	-10,9491463	-0,028	0,299
CHR7	11597422	CHR7:11597422	SSF x Near_LoA	-9,27117949	-0,118	0,305
CHR7	11599141	CHR7:11599141	SSF x Near_LoA	-10,5213656	0,006	0,303
CHR7	11599180	CHR7:11599180	SSF x Near_LoA	-7,72745613	-0,002	0,313
CHR7	1161539	CHR7:1161539	SSF x Near_LoA	-7,1291294	-0,111	0,307
CHR7	1161644	CHR7:1161644	SSF x Near_LoA	-7,59481284	0,009	0,309
CHR7	11623684	CHR7:11623684	SSF x Near_LoA	-8,6627575	-0,020	0,308
CHR7	11632859	CHR7:11632859	SSF x Near_LoA	-7,05583024	0,062	0,298
CHR7	11632860	CHR7:11632860	SSF x Near_LoA	-8,95939669	0,015	0,300
CHR7	11641940	CHR7:11641940	SSF x Near_LoA	-7,24777024	-0,031	0,311
CHR7	11642148	CHR7:11642148	SSF x Near_LoA	-10,8756317	0,050	0,304
CHR7	1165559	CHR7:1165559	SSF x Near_LoA	-9,23397123	-0,127	0,311
CHR7	1165591	CHR7:1165591	SSF x Near_LoA	-10,0425924	-0,007	0,305
CHR7	1165597	CHR7:1165597	SSF x Near_LoA	2,53167717	0,036	0,322
CHR7	11663086	CHR7:11663086	SSF x Near_LoA	-8,482938	0,069	0,301
CHR7	11676185	CHR7:11676185	SSF x Near_LoA	-11,1296025	-0,080	0,301
CHR7	11679354	CHR7:11679354	SSF x Near_LoA	-8,08952208	-0,055	0,293
CHR7	11679364	CHR7:11679364	SSF x Near_LoA	-10,0510125	-0,104	0,290
CHR7	11679368	CHR7:11679368	SSF x Near_LoA	-9,0004569	-0,094	0,301
CHR7	11679516	CHR7:11679516	SSF x Near_LoA	-8,48415361	-0,003	0,316
CHR7	11679547	CHR7:11679547	SSF x Near_LoA	-9,02528133	0,109	0,307
CHR7	11691879	CHR7:11691879	SSF x Near_LoA	-8,8306209	-0,053	0,302
CHR7	11691999	CHR7:11691999	SSF x Near_LoA	-10,6653336	-0,020	0,314

CHR7	11694089	CHR7:11694089	SSF x Near_LoA	-11,30289	-0,003	0,308
CHR7	11700635	CHR7:11700635	SSF x Near_LoA	-10,1010211	0,052	0,305
CHR7	11700823	CHR7:11700823	SSF x Near_LoA	-4,37057173	0,040	0,305
CHR7	11700838	CHR7:11700838	SSF x Near_LoA	-9,04531143	0,014	0,308
CHR7	11700881	CHR7:11700881	SSF x Near_LoA	-7,18413285	0,120	0,303
CHR7	11700893	CHR7:11700893	SSF x Near_LoA	-8,22747826	-0,120	0,311
CHR7	1170289	CHR7:1170289	SSF x Near_LoA	-7,70924071	-0,131	0,303
CHR7	1170346	CHR7:1170346	SSF x Near_LoA	-8,55890786	-0,036	0,310
CHR7	1170367	CHR7:1170367	SSF x Near_LoA	-9,36816502	-0,107	0,299
CHR7	1170395	CHR7:1170395	SSF x Near_LoA	-11,1818355	0,017	0,309
CHR7	1170470	CHR7:1170470	SSF x Near_LoA	-10,529692	-0,009	0,308
CHR7	1170551	CHR7:1170551	SSF x Near_LoA	-8,94753053	0,002	0,314
CHR7	11706967	CHR7:11706967	SSF x Near_LoA	-8,49991344	-0,089	0,302
CHR7	11706968	CHR7:11706968	SSF x Near_LoA	-7,1090186	-0,113	0,301
CHR7	11707003	CHR7:11707003	SSF x Near_LoA	-10,8725976	0,003	0,316
CHR7	11720781	CHR7:11720781	SSF x Near_LoA	-9,56768434	0,067	0,310
CHR7	11720818	CHR7:11720818	SSF x Near_LoA	-9,7649652	-0,098	0,299
CHR7	11720833	CHR7:11720833	SSF x Near_LoA	-8,84958192	0,028	0,307
CHR7	11720848	CHR7:11720848	SSF x Near_LoA	-8,2263515	0,016	0,317
CHR7	11726878	CHR7:11726878	SSF x Near_LoA	-9,07802988	0,010	0,307
CHR7	11751775	CHR7:11751775	SSF x Near_LoA	-11,1005961	-0,021	0,312
CHR7	11752543	CHR7:11752543	SSF x Near_LoA	-9,48161931	0,023	0,307
CHR7	11752561	CHR7:11752561	SSF x Near_LoA	-11,5263435	0,028	0,301
CHR7	11757326	CHR7:11757326	SSF x Near_LoA	-10,6916763	-0,019	0,304
CHR7	11763840	CHR7:11763840	SSF x Near_LoA	-9,07593825	-0,002	0,303
CHR7	11763904	CHR7:11763904	SSF x Near_LoA	-9,71484471	0,061	0,302
CHR7	11763908	CHR7:11763908	SSF x Near_LoA	-11,3046993	-0,060	0,308
CHR7	11763928	CHR7:11763928	SSF x Near_LoA	-8,50150886	0,124	0,294
CHR7	11763930	CHR7:11763930	SSF x Near_LoA	-8,26535118	-0,056	0,296
CHR7	11763946	CHR7:11763946	SSF x Near_LoA	-10,4676796	0,029	0,313
CHR7	11763977	CHR7:11763977	SSF x Near_LoA	-9,843968	-0,075	0,301
CHR7	11764000	CHR7:11764000	SSF x Near_LoA	-10,7970565	-0,045	0,318
CHR7	11764016	CHR7:11764016	SSF x Near_LoA	-10,9325862	-0,037	0,324
CHR7	11770411	CHR7:11770411	SSF x Near_LoA	-9,09061884	-0,028	0,304
CHR7	11770426	CHR7:11770426	SSF x Near_LoA	-8,36902544	-0,023	0,305
CHR7	11770488	CHR7:11770488	SSF x Near_LoA	-11,728565	-0,012	0,295
CHR7	11770492	CHR7:11770492	SSF x Near_LoA	-9,14788548	-0,016	0,309
CHR7	11770507	CHR7:11770507	SSF x Near_LoA	-8,72984184	0,002	0,317
CHR7	11770516	CHR7:11770516	SSF x Near_LoA	-9,22079715	0,031	0,311
CHR7	11771526	CHR7:11771526	SSF x Near_LoA	-11,7601936	-0,005	0,303
CHR7	11783058	CHR7:11783058	SSF x Near_LoA	-10,5146104	0,046	0,308
CHR7	11783126	CHR7:11783126	SSF x Near_LoA	-7,82310233	-0,055	0,324
CHR7	11783148	CHR7:11783148	SSF x Near_LoA	-8,83468268	-0,033	0,310
CHR7	11783149	CHR7:11783149	SSF x Near_LoA	-8,80491397	-0,014	0,302
CHR7	11783150	CHR7:11783150	SSF x Near_LoA	-8,2232661	0,117	0,291
CHR7	11786696	CHR7:11786696	SSF x Near_LoA	-10,2702044	0,009	0,308
CHR7	11786874	CHR7:11786874	SSF x Near_LoA	-9,46616989	-0,031	0,308
CHR7	11791393	CHR7:11791393	SSF x Near_LoA	-9,52493727	-0,088	0,318
CHR7	11791545	CHR7:11791545	SSF x Near_LoA	-9,28866478	-0,089	0,308
CHR7	11791553	CHR7:11791553	SSF x Near_LoA	-9,60465584	-0,098	0,312
CHR7	11791618	CHR7:11791618	SSF x Near_LoA	-9,81770924	0,025	0,302
CHR7	11793072	CHR7:11793072	SSF x Near_LoA	-11,2164274	-0,033	0,315
CHR7	11793115	CHR7:11793115	SSF x Near_LoA	-8,28246428	-0,025	0,282

CHR7	11796050	CHR7:11796050	SSF x Near_LoA	-7,04985322	-0,055	0,308
CHR7	11804521	CHR7:11804521	SSF x Near_LoA	-7,60929297	-0,150	0,313
CHR7	11804533	CHR7:11804533	SSF x Near_LoA	-8,74956517	-0,053	0,309
CHR7	11804534	CHR7:11804534	SSF x Near_LoA	-8,36354805	-0,053	0,315
CHR7	11804578	CHR7:11804578	SSF x Near_LoA	-9,16429831	0,016	0,303
CHR7	11815375	CHR7:11815375	SSF x Near_LoA	-9,2427817	-0,069	0,303
CHR7	11815419	CHR7:11815419	SSF x Near_LoA	-8,95537028	-0,052	0,296
CHR7	11815527	CHR7:11815527	SSF x Near_LoA	-5,46126795	0,178	0,287
CHR7	11818324	CHR7:11818324	SSF x Near_LoA	-9,83090519	-0,152	0,298
CHR7	11818416	CHR7:11818416	SSF x Near_LoA	-11,2485168	-0,036	0,325
CHR7	11821550	CHR7:11821550	SSF x Near_LoA	-10,062459	-0,029	0,313
CHR7	11822717	CHR7:11822717	SSF x Near_LoA	-9,74709372	0,061	0,300
CHR7	11842720	CHR7:11842720	SSF x Near_LoA	-12,0334789	-0,043	0,317
CHR7	11842926	CHR7:11842926	SSF x Near_LoA	-10,4009964	0,053	0,307
CHR7	11842931	CHR7:11842931	SSF x Near_LoA	-10,8869435	0,051	0,311
CHR7	11846342	CHR7:11846342	SSF x Near_LoA	-7,57601661	0,030	0,318
CHR7	11846419	CHR7:11846419	SSF x Near_LoA	-8,66132058	-0,007	0,294
CHR7	11846458	CHR7:11846458	SSF x Near_LoA	-10,1147632	0,049	0,297
CHR7	11846461	CHR7:11846461	SSF x Near_LoA	-9,82664849	-0,015	0,309
CHR7	11846481	CHR7:11846481	SSF x Near_LoA	-5,09244615	0,060	0,300
CHR7	11846485	CHR7:11846485	SSF x Near_LoA	-8,37859203	0,025	0,302
CHR7	11846533	CHR7:11846533	SSF x Near_LoA	-8,60343721	0,005	0,320
CHR7	11846543	CHR7:11846543	SSF x Near_LoA	-7,8849987	0,022	0,314
CHR7	11846565	CHR7:11846565	SSF x Near_LoA	-8,60320243	-0,021	0,315
CHR7	11854936	CHR7:11854936	SSF x Near_LoA	2,81181638	0,104	0,318
CHR7	11854963	CHR7:11854963	SSF x Near_LoA	-10,7938361	-0,099	0,284
CHR7	11855024	CHR7:11855024	SSF x Near_LoA	-5,5137036	0,134	0,303
CHR7	11855087	CHR7:11855087	SSF x Near_LoA	-8,91606798	0,087	0,312
CHR7	11856835	CHR7:11856835	SSF x Near_LoA	-5,22115753	-0,052	0,302
CHR7	11865913	CHR7:11865913	SSF x Near_LoA	-7,32604171	-0,099	0,305
CHR7	11865929	CHR7:11865929	SSF x Near_LoA	-8,82037966	0,092	0,304
CHR7	11865970	CHR7:11865970	SSF x Near_LoA	-9,54536467	-0,046	0,315
CHR7	11865971	CHR7:11865971	SSF x Near_LoA	-11,0041024	0,086	0,309
CHR7	11865975	CHR7:11865975	SSF x Near_LoA	-9,12242492	-0,088	0,303
CHR7	11904523	CHR7:11904523	SSF x Near_LoA	-11,0797847	0,002	0,317
CHR7	11904681	CHR7:11904681	SSF x Near_LoA	-9,11722851	0,078	0,294
CHR7	11904682	CHR7:11904682	SSF x Near_LoA	-9,12013692	0,049	0,311
CHR7	11904718	CHR7:11904718	SSF x Near_LoA	-8,90084725	0,035	0,320
CHR7	11911436	CHR7:11911436	SSF x Near_LoA	-11,1224035	-0,052	0,290
CHR7	11921414	CHR7:11921414	SSF x Near_LoA	-3,40630629	-0,153	0,290
CHR7	11921415	CHR7:11921415	SSF x Near_LoA	-10,2952912	-0,036	0,308
CHR7	11941840	CHR7:11941840	SSF x Near_LoA	-6,12485875	-0,070	0,302
CHR7	11941853	CHR7:11941853	SSF x Near_LoA	-7,09891727	0,090	0,302
CHR7	11941862	CHR7:11941862	SSF x Near_LoA	-8,16122302	0,048	0,302
CHR7	11941931	CHR7:11941931	SSF x Near_LoA	-4,55448963	-0,013	0,321
CHR7	11941968	CHR7:11941968	SSF x Near_LoA	-7,35157008	-0,107	0,292
CHR7	11941982	CHR7:11941982	SSF x Near_LoA	-7,37667285	0,180	0,299
CHR7	11945305	CHR7:11945305	SSF x Near_LoA	-9,14036718	-0,053	0,312
CHR7	11946077	CHR7:11946077	SSF x Near_LoA	-9,20976837	0,073	0,310
CHR7	11946264	CHR7:11946264	SSF x Near_LoA	-8,13560723	0,113	0,296
CHR7	11951821	CHR7:11951821	SSF x Near_LoA	-9,90118536	-0,041	0,320
CHR7	11952307	CHR7:11952307	SSF x Near_LoA	1,85885781	-0,013	0,333
CHR7	11953976	CHR7:11953976	SSF x Near_LoA	-8,39004556	0,040	0,301

CHR7	11954005	CHR7:11954005	SSF x Near_LoA	-9,13206089	0,101	0,299
CHR7	11954058	CHR7:11954058	SSF x Near_LoA	-10,7029237	-0,053	0,300
CHR7	11954069	CHR7:11954069	SSF x Near_LoA	-8,86060676	-0,003	0,311
CHR7	11954070	CHR7:11954070	SSF x Near_LoA	-10,262826	0,010	0,320
CHR7	11954075	CHR7:11954075	SSF x Near_LoA	-10,3817534	0,006	0,321
CHR7	11954080	CHR7:11954080	SSF x Near_LoA	-8,21711802	0,019	0,301
CHR7	11954090	CHR7:11954090	SSF x Near_LoA	-4,90337203	-0,024	0,298
CHR7	11954095	CHR7:11954095	SSF x Near_LoA	-11,1452536	-0,002	0,303
CHR7	11954104	CHR7:11954104	SSF x Near_LoA	-8,2623701	-0,029	0,284
CHR7	11954136	CHR7:11954136	SSF x Near_LoA	-6,33609624	-0,072	0,303
CHR7	11954143	CHR7:11954143	SSF x Near_LoA	-9,30600511	0,005	0,314
CHR7	11961579	CHR7:11961579	SSF x Near_LoA	-12,0318353	-0,076	0,285
CHR7	11961589	CHR7:11961589	SSF x Near_LoA	-7,34091143	0,139	0,281
CHR7	11961596	CHR7:11961596	SSF x Near_LoA	-8,8658107	-0,015	0,292
CHR7	11961598	CHR7:11961598	SSF x Near_LoA	-0,54696907	-0,092	0,300
CHR7	11961599	CHR7:11961599	SSF x Near_LoA	-6,98570695	0,127	0,294
CHR7	11961612	CHR7:11961612	SSF x Near_LoA	-8,92690743	-0,006	0,317
CHR7	11961615	CHR7:11961615	SSF x Near_LoA	-11,5625979	0,012	0,306
CHR7	11961626	CHR7:11961626	SSF x Near_LoA	-8,37398463	-0,079	0,273
CHR7	11961631	CHR7:11961631	SSF x Near_LoA	-11,5587072	-0,070	0,303
CHR7	11961663	CHR7:11961663	SSF x Near_LoA	-4,62646632	0,162	0,299
CHR7	11961685	CHR7:11961685	SSF x Near_LoA	-11,0865418	-0,019	0,302
CHR7	11961687	CHR7:11961687	SSF x Near_LoA	-10,4790588	-0,003	0,304
CHR7	11961715	CHR7:11961715	SSF x Near_LoA	-4,80745111	-0,016	0,312
CHR7	11961716	CHR7:11961716	SSF x Near_LoA	-9,36243391	0,002	0,306
CHR7	11961735	CHR7:11961735	SSF x Near_LoA	-9,01823152	-0,100	0,293
CHR7	11961806	CHR7:11961806	SSF x Near_LoA	-9,75433101	-0,124	0,298
CHR7	1196189	CHR7:1196189	SSF x Near_LoA	-7,80063861	-0,073	0,300
CHR7	1196223	CHR7:1196223	SSF x Near_LoA	-8,49951035	0,007	0,297
CHR7	1196291	CHR7:1196291	SSF x Near_LoA	-10,4834624	0,034	0,303
CHR7	11974226	CHR7:11974226	SSF x Near_LoA	-7,10609414	-0,056	0,298
CHR7	11974292	CHR7:11974292	SSF x Near_LoA	-9,8585241	0,018	0,297
CHR7	11974383	CHR7:11974383	SSF x Near_LoA	-9,56907654	-0,037	0,305
CHR7	11974390	CHR7:11974390	SSF x Near_LoA	-7,86761561	0,091	0,308
CHR7	11974406	CHR7:11974406	SSF x Near_LoA	-9,58781098	0,114	0,299
CHR7	11974424	CHR7:11974424	SSF x Near_LoA	-7,48577477	0,095	0,304
CHR7	11975593	CHR7:11975593	SSF x Near_LoA	-6,01172036	-0,090	0,305
CHR7	11975616	CHR7:11975616	SSF x Near_LoA	-10,2715579	0,042	0,290
CHR7	11975663	CHR7:11975663	SSF x Near_LoA	-9,84302139	-0,034	0,309
CHR7	11979939	CHR7:11979939	SSF x Near_LoA	-9,93455286	-0,133	0,281
CHR7	11981544	CHR7:11981544	SSF x Near_LoA	-10,8081038	-0,020	0,313
CHR7	11988680	CHR7:11988680	SSF x Near_LoA	-9,06441405	0,066	0,306
CHR7	11989981	CHR7:11989981	SSF x Near_LoA	-7,6689749	-0,017	0,305
CHR7	11989983	CHR7:11989983	SSF x Near_LoA	-8,75364028	0,059	0,303
CHR7	1200092	CHR7:1200092	SSF x Near_LoA	-10,731923	-0,012	0,289
CHR7	1200104	CHR7:1200104	SSF x Near_LoA	-9,07551936	-0,091	0,305
CHR7	1200262	CHR7:1200262	SSF x Near_LoA	-10,5380705	0,018	0,305
CHR7	1200301	CHR7:1200301	SSF x Near_LoA	-10,1155639	0,035	0,303
CHR7	12003910	CHR7:12003910	SSF x Near_LoA	-8,75590686	0,057	0,320
CHR7	12003931	CHR7:12003931	SSF x Near_LoA	-11,2701409	-0,050	0,305
CHR7	12003959	CHR7:12003959	SSF x Near_LoA	-12,2893051	-0,027	0,299
CHR7	12027020	CHR7:12027020	SSF x Near_LoA	-10,3889716	0,147	0,289
CHR7	12027051	CHR7:12027051	SSF x Near_LoA	-6,06431395	0,062	0,296

CHR7	12034629	CHR7:12034629	SSF x Near_LoA	-8,04429097	-0,059	0,311
CHR7	12038785	CHR7:12038785	SSF x Near_LoA	-8,61842111	-0,060	0,321
CHR7	12042265	CHR7:12042265	SSF x Near_LoA	-10,4807666	0,037	0,301
CHR7	12061005	CHR7:12061005	SSF x Near_LoA	-7,9534656	0,061	0,302
CHR7	12061232	CHR7:12061232	SSF x Near_LoA	-9,273705	-0,180	0,282
CHR7	12072572	CHR7:12072572	SSF x Near_LoA	-10,7930707	-0,031	0,301
CHR7	1207337	CHR7:1207337	SSF x Near_LoA	-8,23980142	-0,096	0,318
CHR7	12074359	CHR7:12074359	SSF x Near_LoA	-8,00948449	-0,127	0,316
CHR7	12074524	CHR7:12074524	SSF x Near_LoA	-8,93041381	-0,014	0,309
CHR7	1207531	CHR7:1207531	SSF x Near_LoA	-8,84973781	-0,067	0,304
CHR7	1207545	CHR7:1207545	SSF x Near_LoA	-4,73383689	-0,163	0,298
CHR7	1207559	CHR7:1207559	SSF x Near_LoA	-10,391514	-0,032	0,286
CHR7	12075610	CHR7:12075610	SSF x Near_LoA	-9,2486405	0,051	0,304
CHR7	12075824	CHR7:12075824	SSF x Near_LoA	-12,1827814	0,026	0,296
CHR7	12079842	CHR7:12079842	SSF x Near_LoA	-8,00952149	0,017	0,332
CHR7	12079853	CHR7:12079853	SSF x Near_LoA	-7,52861491	0,040	0,306
CHR7	12079864	CHR7:12079864	SSF x Near_LoA	-6,33808701	0,084	0,312
CHR7	12079878	CHR7:12079878	SSF x Near_LoA	-7,96039655	0,045	0,307
CHR7	12079884	CHR7:12079884	SSF x Near_LoA	-8,27317818	-0,093	0,309
CHR7	12079888	CHR7:12079888	SSF x Near_LoA	-9,27726766	-0,089	0,292
CHR7	12087963	CHR7:12087963	SSF x Near_LoA	-7,39482453	-0,110	0,310
CHR7	12088463	CHR7:12088463	SSF x Near_LoA	-7,98931867	-0,110	0,311
CHR7	12088492	CHR7:12088492	SSF x Near_LoA	-7,63621801	-0,082	0,309
CHR7	12097436	CHR7:12097436	SSF x Near_LoA	-10,8176939	0,002	0,298
CHR7	12098070	CHR7:12098070	SSF x Near_LoA	-11,0441874	0,035	0,299
CHR7	12098116	CHR7:12098116	SSF x Near_LoA	-10,9101956	-0,012	0,311
CHR7	1209902	CHR7:1209902	SSF x Near_LoA	-9,84164587	0,018	0,307
CHR7	1209914	CHR7:1209914	SSF x Near_LoA	-9,03589199	-0,041	0,313
CHR7	1209925	CHR7:1209925	SSF x Near_LoA	-3,85181881	0,099	0,312
CHR7	1209951	CHR7:1209951	SSF x Near_LoA	-5,29499951	0,143	0,303
CHR7	1209962	CHR7:1209962	SSF x Near_LoA	-10,6542087	-0,027	0,302
CHR7	1209981	CHR7:1209981	SSF x Near_LoA	-11,2838728	-0,002	0,299
CHR7	1210124	CHR7:1210124	SSF x Near_LoA	-10,11627	-0,043	0,297
CHR7	12110187	CHR7:12110187	SSF x Near_LoA	-9,49757658	0,049	0,307
CHR7	12110300	CHR7:12110300	SSF x Near_LoA	-10,6020478	0,020	0,304
CHR7	12114964	CHR7:12114964	SSF x Near_LoA	-10,1162311	0,014	0,306
CHR7	12118678	CHR7:12118678	SSF x Near_LoA	-9,38565117	0,033	0,303
CHR7	12118718	CHR7:12118718	SSF x Near_LoA	-11,1414499	0,048	0,301
CHR7	12118789	CHR7:12118789	SSF x Near_LoA	-10,5491785	0,094	0,298
CHR7	12124387	CHR7:12124387	SSF x Near_LoA	-7,95761278	0,099	0,307
CHR7	12124454	CHR7:12124454	SSF x Near_LoA	-8,2383953	0,115	0,297
CHR7	12124496	CHR7:12124496	SSF x Near_LoA	-8,55294021	0,095	0,292
CHR7	12124518	CHR7:12124518	SSF x Near_LoA	-3,728853	0,063	0,307
CHR7	12124606	CHR7:12124606	SSF x Near_LoA	-10,2685095	-0,081	0,294
CHR7	12127026	CHR7:12127026	SSF x Near_LoA	-5,14437267	0,141	0,309
CHR7	12127040	CHR7:12127040	SSF x Near_LoA	-10,9795504	-0,054	0,306
CHR7	12127113	CHR7:12127113	SSF x Near_LoA	-8,75325681	0,132	0,296
CHR7	12127773	CHR7:12127773	SSF x Near_LoA	-8,71023684	0,080	0,313
CHR7	12127896	CHR7:12127896	SSF x Near_LoA	-9,76009597	0,094	0,308
CHR7	12137968	CHR7:12137968	SSF x Near_LoA	-10,0663421	0,009	0,313
CHR7	1214580	CHR7:1214580	SSF x Near_LoA	-9,40996239	-0,085	0,310
CHR7	1214622	CHR7:1214622	SSF x Near_LoA	-10,5016861	-0,033	0,300
CHR7	1214647	CHR7:1214647	SSF x Near_LoA	-9,86322594	0,004	0,322

CHR7	1214673	CHR7:1214673	SSF x Near_LoA	-9,23290497	0,010	0,313
CHR7	12149130	CHR7:12149130	SSF x Near_LoA	-8,6875716	0,028	0,322
CHR7	12149153	CHR7:12149153	SSF x Near_LoA	-10,0294569	-0,021	0,307
CHR7	12149202	CHR7:12149202	SSF x Near_LoA	-9,11603091	-0,053	0,304
CHR7	1215654	CHR7:1215654	SSF x Near_LoA	-9,63314213	-0,024	0,294
CHR7	1215677	CHR7:1215677	SSF x Near_LoA	-9,04043805	0,132	0,289
CHR7	1215720	CHR7:1215720	SSF x Near_LoA	-5,90052258	0,137	0,306
CHR7	12159394	CHR7:12159394	SSF x Near_LoA	-8,99601481	0,053	0,309
CHR7	12159439	CHR7:12159439	SSF x Near_LoA	-11,2274155	-0,033	0,311
CHR7	12159498	CHR7:12159498	SSF x Near_LoA	-8,64232601	0,053	0,315
CHR7	12159529	CHR7:12159529	SSF x Near_LoA	-9,60415486	-0,018	0,313
CHR7	12159552	CHR7:12159552	SSF x Near_LoA	-6,44795292	0,054	0,311
CHR7	12159563	CHR7:12159563	SSF x Near_LoA	-8,92969597	0,061	0,314
CHR7	12175866	CHR7:12175866	SSF x Near_LoA	-0,99790916	-0,133	0,309
CHR7	12178605	CHR7:12178605	SSF x Near_LoA	-5,08599936	-0,032	0,309
CHR7	12183435	CHR7:12183435	SSF x Near_LoA	-9,0874265	0,006	0,316
CHR7	12183462	CHR7:12183462	SSF x Near_LoA	-8,95867375	-0,066	0,299
CHR7	12183527	CHR7:12183527	SSF x Near_LoA	-11,5791644	-0,053	0,313
CHR7	12195282	CHR7:12195282	SSF x Near_LoA	-11,764653	-0,028	0,307
CHR7	12195292	CHR7:12195292	SSF x Near_LoA	-8,73921499	-0,166	0,300
CHR7	12195308	CHR7:12195308	SSF x Near_LoA	-10,4500656	-0,024	0,295
CHR7	1221356	CHR7:1221356	SSF x Near_LoA	-7,35970912	-0,168	0,302
CHR7	1222097	CHR7:1222097	SSF x Near_LoA	-2,16838605	0,096	0,302
CHR7	1222123	CHR7:1222123	SSF x Near_LoA	-7,40642289	-0,026	0,299
CHR7	1222141	CHR7:1222141	SSF x Near_LoA	-8,85117776	-0,036	0,314
CHR7	1222147	CHR7:1222147	SSF x Near_LoA	-9,99408586	-0,060	0,313
CHR7	1222168	CHR7:1222168	SSF x Near_LoA	-8,41931032	0,001	0,325
CHR7	1222202	CHR7:1222202	SSF x Near_LoA	-11,1620266	-0,054	0,308
CHR7	1222212	CHR7:1222212	SSF x Near_LoA	-9,79510106	-0,015	0,307
CHR7	12230089	CHR7:12230089	SSF x Near_LoA	-9,03282045	-0,124	0,306
CHR7	12232765	CHR7:12232765	SSF x Near_LoA	-8,72620725	-0,100	0,305
CHR7	12232979	CHR7:12232979	SSF x Near_LoA	-7,81469922	-0,023	0,316
CHR7	12233037	CHR7:12233037	SSF x Near_LoA	-11,0333713	-0,051	0,307
CHR7	12233051	CHR7:12233051	SSF x Near_LoA	-8,8272045	0,001	0,301
CHR7	12233061	CHR7:12233061	SSF x Near_LoA	-10,3805107	0,100	0,298
CHR7	12233093	CHR7:12233093	SSF x Near_LoA	-10,8020528	-0,046	0,305
CHR7	12233097	CHR7:12233097	SSF x Near_LoA	-8,35934098	-0,044	0,309
CHR7	1225225	CHR7:1225225	SSF x Near_LoA	-9,23285361	-0,031	0,321
CHR7	1225234	CHR7:1225234	SSF x Near_LoA	0,06386441	-0,201	0,304
CHR7	1225254	CHR7:1225254	SSF x Near_LoA	-8,17448909	-0,113	0,314
CHR7	1225292	CHR7:1225292	SSF x Near_LoA	-7,25329684	-0,022	0,306
CHR7	1225439	CHR7:1225439	SSF x Near_LoA	-7,92538565	0,055	0,327
CHR7	12264389	CHR7:12264389	SSF x Near_LoA	-11,8493372	0,028	0,304
CHR7	12264499	CHR7:12264499	SSF x Near_LoA	-8,5738677	-0,101	0,313
CHR7	12273470	CHR7:12273470	SSF x Near_LoA	-9,83178612	0,017	0,307
CHR7	122781	CHR7:122781	SSF x Near_LoA	-7,19050797	-0,074	0,304
CHR7	1228362	CHR7:1228362	SSF x Near_LoA	-10,952309	0,019	0,321
CHR7	1228376	CHR7:1228376	SSF x Near_LoA	-10,8465838	-0,032	0,292
CHR7	12285231	CHR7:12285231	SSF x Near_LoA	-7,43404713	-0,181	0,296
CHR7	12285232	CHR7:12285232	SSF x Near_LoA	-5,1721951	-0,202	0,298
CHR7	12285241	CHR7:12285241	SSF x Near_LoA	-9,07555508	-0,040	0,314
CHR7	12285246	CHR7:12285246	SSF x Near_LoA	-10,634932	-0,036	0,306
CHR7	12285905	CHR7:12285905	SSF x Near_LoA	-7,93372858	0,036	0,306

CHR7	12287315	CHR7:12287315	SSF x Near_LoA	-8,8082469	0,101	0,289
CHR7	12287392	CHR7:12287392	SSF x Near_LoA	-7,90969481	-0,107	0,314
CHR7	12287398	CHR7:12287398	SSF x Near_LoA	-9,1402148	0,098	0,303
CHR7	12289079	CHR7:12289079	SSF x Near_LoA	-11,5184805	0,019	0,302
CHR7	12289127	CHR7:12289127	SSF x Near_LoA	-10,1664407	-0,087	0,295
CHR7	12289134	CHR7:12289134	SSF x Near_LoA	-7,84918679	-0,138	0,284
CHR7	12289136	CHR7:12289136	SSF x Near_LoA	-6,59984642	-0,059	0,295
CHR7	12289150	CHR7:12289150	SSF x Near_LoA	-8,80534599	-0,060	0,290
CHR7	12291868	CHR7:12291868	SSF x Near_LoA	-10,1103772	-0,063	0,309
CHR7	12294056	CHR7:12294056	SSF x Near_LoA	-9,75265224	0,002	0,313
CHR7	12294195	CHR7:12294195	SSF x Near_LoA	-9,67839634	0,031	0,300
CHR7	12294263	CHR7:12294263	SSF x Near_LoA	-8,35724622	0,016	0,307
CHR7	12294284	CHR7:12294284	SSF x Near_LoA	-8,12487095	0,008	0,315
CHR7	12294308	CHR7:12294308	SSF x Near_LoA	-10,1719421	0,136	0,292
CHR7	12302292	CHR7:12302292	SSF x Near_LoA	-10,7629958	0,095	0,301
CHR7	12302370	CHR7:12302370	SSF x Near_LoA	-10,2849091	0,116	0,295
CHR7	12302383	CHR7:12302383	SSF x Near_LoA	-9,25965702	0,065	0,316
CHR7	12302434	CHR7:12302434	SSF x Near_LoA	-8,34922343	0,043	0,306
CHR7	12302453	CHR7:12302453	SSF x Near_LoA	-7,84663751	0,105	0,294
CHR7	12302466	CHR7:12302466	SSF x Near_LoA	-9,65872518	0,141	0,302
CHR7	12303844	CHR7:12303844	SSF x Near_LoA	-9,90851555	0,080	0,316
CHR7	12321369	CHR7:12321369	SSF x Near_LoA	-6,91624108	-0,123	0,302
CHR7	12321550	CHR7:12321550	SSF x Near_LoA	-8,60312932	0,059	0,309
CHR7	12321554	CHR7:12321554	SSF x Near_LoA	-9,77206752	0,067	0,304
CHR7	12321563	CHR7:12321563	SSF x Near_LoA	-9,01811649	-0,069	0,299
CHR7	12321621	CHR7:12321621	SSF x Near_LoA	-1,00559881	0,101	0,298
CHR7	12329247	CHR7:12329247	SSF x Near_LoA	-7,3009806	0,030	0,318
CHR7	12331533	CHR7:12331533	SSF x Near_LoA	-10,3481446	-0,070	0,296
CHR7	12335268	CHR7:12335268	SSF x Near_LoA	-10,0671334	0,053	0,318
CHR7	1234281	CHR7:1234281	SSF x Near_LoA	1,79414207	0,022	0,313
CHR7	1234290	CHR7:1234290	SSF x Near_LoA	-10,4501844	-0,102	0,300
CHR7	1234317	CHR7:1234317	SSF x Near_LoA	-5,71863895	-0,140	0,306
CHR7	12343523	CHR7:12343523	SSF x Near_LoA	-10,8627188	-0,059	0,311
CHR7	12343524	CHR7:12343524	SSF x Near_LoA	-9,42455216	-0,067	0,308
CHR7	12343610	CHR7:12343610	SSF x Near_LoA	-2,44379012	0,095	0,308
CHR7	12345150	CHR7:12345150	SSF x Near_LoA	-10,962857	0,017	0,318
CHR7	12362151	CHR7:12362151	SSF x Near_LoA	-10,9542895	0,042	0,297
CHR7	12368516	CHR7:12368516	SSF x Near_LoA	-9,92812488	0,025	0,312
CHR7	12368543	CHR7:12368543	SSF x Near_LoA	-8,05153465	0,007	0,301
CHR7	12368549	CHR7:12368549	SSF x Near_LoA	-7,26632889	0,105	0,311
CHR7	12372739	CHR7:12372739	SSF x Near_LoA	-10,3421237	-0,021	0,305
CHR7	12372747	CHR7:12372747	SSF x Near_LoA	-6,73276049	0,155	0,298
CHR7	12374171	CHR7:12374171	SSF x Near_LoA	-9,21229946	0,093	0,312
CHR7	12374312	CHR7:12374312	SSF x Near_LoA	-7,70111471	-0,154	0,298
CHR7	12374322	CHR7:12374322	SSF x Near_LoA	-2,09141479	0,081	0,296
CHR7	12374353	CHR7:12374353	SSF x Near_LoA	-9,34857142	-0,015	0,303
CHR7	12374367	CHR7:12374367	SSF x Near_LoA	-6,27123795	-0,242	0,289
CHR7	12379099	CHR7:12379099	SSF x Near_LoA	-8,03492842	0,054	0,308
CHR7	12384782	CHR7:12384782	SSF x Near_LoA	-5,33322293	-0,218	0,296
CHR7	12384819	CHR7:12384819	SSF x Near_LoA	-0,9067672	-0,199	0,304
CHR7	12384834	CHR7:12384834	SSF x Near_LoA	-11,9324698	0,048	0,305
CHR7	12384853	CHR7:12384853	SSF x Near_LoA	-11,701144	0,042	0,307
CHR7	12384918	CHR7:12384918	SSF x Near_LoA	-8,78365216	-0,066	0,318

CHR7	12384921	CHR7:12384921	SSF x Near_LoA	-2,97010995	-0,046	0,313
CHR7	12391324	CHR7:12391324	SSF x Near_LoA	-7,10898931	-0,027	0,305
CHR7	12391417	CHR7:12391417	SSF x Near_LoA	-10,4827881	0,034	0,311
CHR7	12391443	CHR7:12391443	SSF x Near_LoA	-8,75069147	-0,090	0,307
CHR7	12391552	CHR7:12391552	SSF x Near_LoA	-10,5321388	0,095	0,305
CHR7	12391579	CHR7:12391579	SSF x Near_LoA	-9,89174736	-0,064	0,316
CHR7	1239814	CHR7:1239814	SSF x Near_LoA	-8,63340625	-0,056	0,317
CHR7	1239883	CHR7:1239883	SSF x Near_LoA	-8,42179186	0,054	0,306
CHR7	1239902	CHR7:1239902	SSF x Near_LoA	-8,40860364	0,017	0,317
CHR7	1239903	CHR7:1239903	SSF x Near_LoA	-11,5204288	0,042	0,301
CHR7	1239913	CHR7:1239913	SSF x Near_LoA	-7,14045868	0,068	0,305
CHR7	1239955	CHR7:1239955	SSF x Near_LoA	-5,70109078	-0,077	0,313
CHR7	1239971	CHR7:1239971	SSF x Near_LoA	-9,64482163	0,031	0,297
CHR7	1240016	CHR7:1240016	SSF x Near_LoA	-10,0989965	-0,036	0,316
CHR7	1240024	CHR7:1240024	SSF x Near_LoA	-6,28929213	0,085	0,318
CHR7	1240044	CHR7:1240044	SSF x Near_LoA	-8,54364542	0,118	0,298
CHR7	12400755	CHR7:12400755	SSF x Near_LoA	-10,7235297	-0,001	0,325
CHR7	12402293	CHR7:12402293	SSF x Near_LoA	-9,25610785	0,038	0,311
CHR7	12409129	CHR7:12409129	SSF x Near_LoA	-6,03397609	-0,068	0,312
CHR7	12409150	CHR7:12409150	SSF x Near_LoA	-9,35881283	-0,047	0,297
CHR7	12409203	CHR7:12409203	SSF x Near_LoA	-11,8151045	0,016	0,314
CHR7	12425075	CHR7:12425075	SSF x Near_LoA	-8,42942558	-0,012	0,318
CHR7	12425088	CHR7:12425088	SSF x Near_LoA	-11,9020257	0,035	0,309
CHR7	12425271	CHR7:12425271	SSF x Near_LoA	-5,65007435	-0,076	0,320
CHR7	12425334	CHR7:12425334	SSF x Near_LoA	-11,759795	-0,057	0,310
CHR7	12429685	CHR7:12429685	SSF x Near_LoA	-8,73191725	-0,045	0,317
CHR7	12429714	CHR7:12429714	SSF x Near_LoA	-8,22356359	-0,051	0,312
CHR7	12429724	CHR7:12429724	SSF x Near_LoA	-8,28093804	-0,021	0,327
CHR7	12429748	CHR7:12429748	SSF x Near_LoA	-7,57698451	-0,031	0,314
CHR7	12429770	CHR7:12429770	SSF x Near_LoA	-7,15698436	-0,066	0,309
CHR7	12429915	CHR7:12429915	SSF x Near_LoA	-9,18757944	-0,020	0,323
CHR7	12438817	CHR7:12438817	SSF x Near_LoA	-9,32352105	-0,034	0,303
CHR7	12438840	CHR7:12438840	SSF x Near_LoA	-8,89150861	-0,015	0,312
CHR7	12438851	CHR7:12438851	SSF x Near_LoA	-8,21792396	0,069	0,308
CHR7	12438864	CHR7:12438864	SSF x Near_LoA	-8,36400094	0,009	0,313
CHR7	12438902	CHR7:12438902	SSF x Near_LoA	-9,47724397	-0,050	0,319
CHR7	12439656	CHR7:12439656	SSF x Near_LoA	-8,21075949	-0,044	0,293
CHR7	12451183	CHR7:12451183	SSF x Near_LoA	-7,67014965	0,100	0,311
CHR7	12451229	CHR7:12451229	SSF x Near_LoA	-9,69884387	0,054	0,321
CHR7	12451331	CHR7:12451331	SSF x Near_LoA	-8,71508764	0,101	0,310
CHR7	12451407	CHR7:12451407	SSF x Near_LoA	-7,82260178	-0,090	0,311
CHR7	12459841	CHR7:12459841	SSF x Near_LoA	-11,2890678	-0,017	0,303
CHR7	12459930	CHR7:12459930	SSF x Near_LoA	-6,00623085	0,022	0,305
CHR7	12459956	CHR7:12459956	SSF x Near_LoA	-9,94771851	0,107	0,307
CHR7	12463101	CHR7:12463101	SSF x Near_LoA	-9,62110076	0,041	0,303
CHR7	12463164	CHR7:12463164	SSF x Near_LoA	-8,59970754	-0,054	0,304
CHR7	12472827	CHR7:12472827	SSF x Near_LoA	-9,11091448	-0,023	0,312
CHR7	12472843	CHR7:12472843	SSF x Near_LoA	-9,33932644	0,010	0,313
CHR7	12472844	CHR7:12472844	SSF x Near_LoA	-10,2576274	0,006	0,291
CHR7	12482509	CHR7:12482509	SSF x Near_LoA	-8,903465	-0,002	0,319
CHR7	12482511	CHR7:12482511	SSF x Near_LoA	-8,36888412	-0,007	0,328
CHR7	12488933	CHR7:12488933	SSF x Near_LoA	-7,93401432	-0,065	0,300
CHR7	12488957	CHR7:12488957	SSF x Near_LoA	-7,86171238	-0,093	0,295

CHR7	12489096	CHR7:12489096	SSF x Near_LoA	-6,98023199	-0,036	0,306
CHR7	12489148	CHR7:12489148	SSF x Near_LoA	-8,76569705	-0,031	0,308
CHR7	12489164	CHR7:12489164	SSF x Near_LoA	-8,74737712	-0,020	0,317
CHR7	12496393	CHR7:12496393	SSF x Near_LoA	-10,4471573	0,016	0,312
CHR7	12496599	CHR7:12496599	SSF x Near_LoA	-7,04404223	-0,091	0,310
CHR7	12496600	CHR7:12496600	SSF x Near_LoA	-8,54074308	0,049	0,303
CHR7	12497561	CHR7:12497561	SSF x Near_LoA	-10,6611579	-0,053	0,298
CHR7	12507184	CHR7:12507184	SSF x Near_LoA	-7,70248395	-0,079	0,292
CHR7	12530521	CHR7:12530521	SSF x Near_LoA	-9,3083203	-0,056	0,305
CHR7	12530593	CHR7:12530593	SSF x Near_LoA	-10,3453239	0,055	0,307
CHR7	12539511	CHR7:12539511	SSF x Near_LoA	-11,8305718	0,012	0,307
CHR7	12539531	CHR7:12539531	SSF x Near_LoA	-8,54884426	0,039	0,287
CHR7	12539592	CHR7:12539592	SSF x Near_LoA	-9,78453102	0,054	0,285
CHR7	12558250	CHR7:12558250	SSF x Near_LoA	-7,93333601	-0,140	0,298
CHR7	12558254	CHR7:12558254	SSF x Near_LoA	-8,28815241	0,047	0,304
CHR7	12574079	CHR7:12574079	SSF x Near_LoA	-10,5548627	0,012	0,297
CHR7	12592751	CHR7:12592751	SSF x Near_LoA	-8,06359619	0,006	0,290
CHR7	12592764	CHR7:12592764	SSF x Near_LoA	-9,08159374	0,021	0,289
CHR7	12592766	CHR7:12592766	SSF x Near_LoA	-8,35462864	0,053	0,300
CHR7	12600082	CHR7:12600082	SSF x Near_LoA	-10,4585007	0,029	0,305
CHR7	12600139	CHR7:12600139	SSF x Near_LoA	1,35865957	0,122	0,319
CHR7	12603301	CHR7:12603301	SSF x Near_LoA	-11,3282828	0,033	0,302
CHR7	12603327	CHR7:12603327	SSF x Near_LoA	-10,631163	0,017	0,308
CHR7	12603366	CHR7:12603366	SSF x Near_LoA	-7,01979507	-0,124	0,312
CHR7	12603393	CHR7:12603393	SSF x Near_LoA	-7,9060976	-0,142	0,311
CHR7	12605676	CHR7:12605676	SSF x Near_LoA	-8,74157094	-0,012	0,311
CHR7	12613139	CHR7:12613139	SSF x Near_LoA	-8,67127772	-0,051	0,310
CHR7	12613146	CHR7:12613146	SSF x Near_LoA	-4,89861054	-0,210	0,288
CHR7	12613306	CHR7:12613306	SSF x Near_LoA	-6,8140493	-0,172	0,309
CHR7	12613378	CHR7:12613378	SSF x Near_LoA	-9,90029019	0,073	0,308
CHR7	12616828	CHR7:12616828	SSF x Near_LoA	-9,07733299	-0,080	0,316
CHR7	12622256	CHR7:12622256	SSF x Near_LoA	-5,31505069	0,056	0,299
CHR7	12622285	CHR7:12622285	SSF x Near_LoA	-7,81162302	-0,112	0,317
CHR7	12625425	CHR7:12625425	SSF x Near_LoA	-10,536717	-0,053	0,308
CHR7	12631115	CHR7:12631115	SSF x Near_LoA	-8,94866642	0,071	0,315
CHR7	1263281	CHR7:1263281	SSF x Near_LoA	1,02426813	0,079	0,300
CHR7	1263573	CHR7:1263573	SSF x Near_LoA	-8,46368754	-0,015	0,295
CHR7	12646142	CHR7:12646142	SSF x Near_LoA	-9,63311731	0,073	0,311
CHR7	12646148	CHR7:12646148	SSF x Near_LoA	-7,91025989	0,094	0,303
CHR7	12646286	CHR7:12646286	SSF x Near_LoA	-9,06660024	0,025	0,314
CHR7	12646307	CHR7:12646307	SSF x Near_LoA	11,3719239	0,073	0,329
CHR7	12646343	CHR7:12646343	SSF x Near_LoA	-7,86370703	0,100	0,302
CHR7	12654094	CHR7:12654094	SSF x Near_LoA	-11,3308564	-0,069	0,302
CHR7	12654478	CHR7:12654478	SSF x Near_LoA	-9,18236363	-0,078	0,304
CHR7	12654504	CHR7:12654504	SSF x Near_LoA	-10,0088255	0,085	0,305
CHR7	12665520	CHR7:12665520	SSF x Near_LoA	-6,84977331	-0,064	0,313
CHR7	12671619	CHR7:12671619	SSF x Near_LoA	-6,3370937	-0,109	0,319
CHR7	12671621	CHR7:12671621	SSF x Near_LoA	-8,823126	-0,084	0,308
CHR7	12684112	CHR7:12684112	SSF x Near_LoA	-9,86523932	0,005	0,283
CHR7	12684120	CHR7:12684120	SSF x Near_LoA	-10,3755767	-0,071	0,312
CHR7	1269542	CHR7:1269542	SSF x Near_LoA	-10,0475101	-0,090	0,291
CHR7	1269632	CHR7:1269632	SSF x Near_LoA	-8,41593183	-0,050	0,315
CHR7	12705513	CHR7:12705513	SSF x Near_LoA	-9,01230872	0,025	0,319

CHR7	12705676	CHR7:12705676	SSF x Near_LoA	-7,56189944	-0,035	0,311
CHR7	1271506	CHR7:1271506	SSF x Near_LoA	-7,13964402	0,100	0,302
CHR7	12719575	CHR7:12719575	SSF x Near_LoA	-7,45918051	-0,126	0,298
CHR7	12722098	CHR7:12722098	SSF x Near_LoA	-10,0791875	-0,026	0,309
CHR7	12728248	CHR7:12728248	SSF x Near_LoA	-11,3361193	-0,003	0,311
CHR7	12728338	CHR7:12728338	SSF x Near_LoA	-4,23638476	0,136	0,316
CHR7	12746214	CHR7:12746214	SSF x Near_LoA	-10,3190921	-0,067	0,295
CHR7	12746257	CHR7:12746257	SSF x Near_LoA	-7,39458095	0,158	0,299
CHR7	12759226	CHR7:12759226	SSF x Near_LoA	-7,54599188	0,104	0,300
CHR7	12759478	CHR7:12759478	SSF x Near_LoA	-7,52859366	-0,033	0,315
CHR7	127646	CHR7:127646	SSF x Near_LoA	-8,44610023	-0,032	0,314
CHR7	12777509	CHR7:12777509	SSF x Near_LoA	-7,43006583	-0,061	0,305
CHR7	12777535	CHR7:12777535	SSF x Near_LoA	-6,9681311	0,024	0,310
CHR7	12777554	CHR7:12777554	SSF x Near_LoA	-9,33434857	0,025	0,305
CHR7	12778722	CHR7:12778722	SSF x Near_LoA	-10,0794692	0,057	0,330
CHR7	12779050	CHR7:12779050	SSF x Near_LoA	-9,38453435	0,073	0,312
CHR7	12785042	CHR7:12785042	SSF x Near_LoA	-8,02453731	-0,081	0,298
CHR7	12785063	CHR7:12785063	SSF x Near_LoA	-9,92652589	-0,078	0,294
CHR7	12785083	CHR7:12785083	SSF x Near_LoA	-9,46947722	0,029	0,294
CHR7	12785130	CHR7:12785130	SSF x Near_LoA	-10,1935328	0,057	0,287
CHR7	12785169	CHR7:12785169	SSF x Near_LoA	-10,6885102	-0,074	0,308
CHR7	12785209	CHR7:12785209	SSF x Near_LoA	-8,97562259	0,020	0,305
CHR7	12785217	CHR7:12785217	SSF x Near_LoA	-11,9389578	-0,030	0,304
CHR7	12785243	CHR7:12785243	SSF x Near_LoA	-9,18499875	-0,016	0,308
CHR7	12787163	CHR7:12787163	SSF x Near_LoA	-8,2406909	0,021	0,302
CHR7	12787276	CHR7:12787276	SSF x Near_LoA	-7,62045827	-0,031	0,314
CHR7	1278835	CHR7:1278835	SSF x Near_LoA	-8,72185868	0,089	0,298
CHR7	1278837	CHR7:1278837	SSF x Near_LoA	-9,5416716	0,080	0,293
CHR7	1278843	CHR7:1278843	SSF x Near_LoA	-9,2892554	0,068	0,303
CHR7	1278873	CHR7:1278873	SSF x Near_LoA	-9,08390635	-0,049	0,304
CHR7	1278884	CHR7:1278884	SSF x Near_LoA	-9,6613571	0,011	0,312
CHR7	1278893	CHR7:1278893	SSF x Near_LoA	-10,3301878	0,000	0,301
CHR7	1278896	CHR7:1278896	SSF x Near_LoA	-8,82319403	-0,036	0,292
CHR7	1278908	CHR7:1278908	SSF x Near_LoA	-7,74270756	0,039	0,308
CHR7	1278910	CHR7:1278910	SSF x Near_LoA	-7,79971282	0,051	0,315
CHR7	12789897	CHR7:12789897	SSF x Near_LoA	-11,4729205	0,040	0,296
CHR7	12795596	CHR7:12795596	SSF x Near_LoA	-8,14103693	0,091	0,298
CHR7	12795597	CHR7:12795597	SSF x Near_LoA	-6,63496248	-0,178	0,301
CHR7	12795739	CHR7:12795739	SSF x Near_LoA	-7,88580857	0,038	0,316
CHR7	12795741	CHR7:12795741	SSF x Near_LoA	-6,68536343	0,058	0,320
CHR7	12795745	CHR7:12795745	SSF x Near_LoA	-8,32262554	0,030	0,316
CHR7	12795854	CHR7:12795854	SSF x Near_LoA	-10,8820924	0,082	0,309
CHR7	12800651	CHR7:12800651	SSF x Near_LoA	-7,86608269	0,079	0,305
CHR7	12800708	CHR7:12800708	SSF x Near_LoA	-10,2456967	0,115	0,306
CHR7	12806166	CHR7:12806166	SSF x Near_LoA	-7,032936	0,019	0,298
CHR7	12806212	CHR7:12806212	SSF x Near_LoA	-9,30966481	0,149	0,306
CHR7	12806275	CHR7:12806275	SSF x Near_LoA	-7,14186912	0,140	0,321
CHR7	12809283	CHR7:12809283	SSF x Near_LoA	-10,6323686	0,025	0,311
CHR7	12809468	CHR7:12809468	SSF x Near_LoA	-6,56341022	0,060	0,305
CHR7	12809542	CHR7:12809542	SSF x Near_LoA	-10,195913	0,027	0,315
CHR7	12809547	CHR7:12809547	SSF x Near_LoA	-10,356928	0,048	0,302
CHR7	12810819	CHR7:12810819	SSF x Near_LoA	-9,1220362	0,021	0,289
CHR7	12811504	CHR7:12811504	SSF x Near_LoA	-9,11874082	-0,080	0,318

CHR7	12816730	CHR7:12816730	SSF x Near_LoA	-11,5970014	-0,045	0,312
CHR7	12816876	CHR7:12816876	SSF x Near_LoA	-8,76698372	0,029	0,300
CHR7	12818544	CHR7:12818544	SSF x Near_LoA	-11,3641595	0,013	0,305
CHR7	12824504	CHR7:12824504	SSF x Near_LoA	-8,86682328	-0,049	0,301
CHR7	12824581	CHR7:12824581	SSF x Near_LoA	-8,05327781	0,011	0,317
CHR7	12824627	CHR7:12824627	SSF x Near_LoA	-9,70151245	-0,130	0,283
CHR7	12824664	CHR7:12824664	SSF x Near_LoA	-5,86874027	0,145	0,306
CHR7	12824665	CHR7:12824665	SSF x Near_LoA	-11,789537	-0,012	0,308
CHR7	12824696	CHR7:12824696	SSF x Near_LoA	-9,85756635	0,191	0,291
CHR7	12833206	CHR7:12833206	SSF x Near_LoA	-9,33432077	0,055	0,313
CHR7	12833207	CHR7:12833207	SSF x Near_LoA	-10,2205916	0,113	0,310
CHR7	12833216	CHR7:12833216	SSF x Near_LoA	-10,22427	0,124	0,303
CHR7	12841718	CHR7:12841718	SSF x Near_LoA	-5,83853039	-0,048	0,301
CHR7	12841903	CHR7:12841903	SSF x Near_LoA	-7,296249	-0,112	0,311
CHR7	12841976	CHR7:12841976	SSF x Near_LoA	-7,6066815	0,137	0,295
CHR7	12852735	CHR7:12852735	SSF x Near_LoA	-9,74409538	0,041	0,316
CHR7	12852767	CHR7:12852767	SSF x Near_LoA	-9,6533559	0,030	0,306
CHR7	12852792	CHR7:12852792	SSF x Near_LoA	-10,8401558	-0,035	0,297
CHR7	12860361	CHR7:12860361	SSF x Near_LoA	-10,185408	-0,011	0,299
CHR7	12860377	CHR7:12860377	SSF x Near_LoA	-4,6840887	-0,033	0,308
CHR7	12860413	CHR7:12860413	SSF x Near_LoA	-10,7458984	0,079	0,319
CHR7	12861892	CHR7:12861892	SSF x Near_LoA	-8,35645622	-0,036	0,315
CHR7	12861939	CHR7:12861939	SSF x Near_LoA	-7,97296542	-0,029	0,314
CHR7	12921112	CHR7:12921112	SSF x Near_LoA	-11,7571267	0,035	0,298
CHR7	12921131	CHR7:12921131	SSF x Near_LoA	-9,35238703	0,060	0,296
CHR7	12921161	CHR7:12921161	SSF x Near_LoA	-8,68479532	-0,073	0,303
CHR7	12956209	CHR7:12956209	SSF x Near_LoA	-9,90032782	-0,011	0,316
CHR7	12956286	CHR7:12956286	SSF x Near_LoA	-10,7847796	-0,019	0,313
CHR7	1299483	CHR7:1299483	SSF x Near_LoA	-7,70349833	0,034	0,327
CHR7	1299489	CHR7:1299489	SSF x Near_LoA	-10,0490684	-0,059	0,309
CHR7	1299511	CHR7:1299511	SSF x Near_LoA	-8,95730811	0,007	0,301
CHR7	1299515	CHR7:1299515	SSF x Near_LoA	-9,55802865	-0,101	0,298
CHR7	1299519	CHR7:1299519	SSF x Near_LoA	-9,04000496	-0,029	0,314
CHR7	1299528	CHR7:1299528	SSF x Near_LoA	-9,64786122	0,055	0,306
CHR7	1299551	CHR7:1299551	SSF x Near_LoA	-8,42226257	-0,019	0,325
CHR7	1299553	CHR7:1299553	SSF x Near_LoA	-5,39311641	0,176	0,299
CHR7	12996429	CHR7:12996429	SSF x Near_LoA	-4,22568503	0,163	0,299
CHR7	12996449	CHR7:12996449	SSF x Near_LoA	-5,11535259	0,127	0,300
CHR7	12996523	CHR7:12996523	SSF x Near_LoA	-10,3015533	0,105	0,308
CHR7	12997166	CHR7:12997166	SSF x Near_LoA	-8,71940449	-0,029	0,312
CHR7	12998963	CHR7:12998963	SSF x Near_LoA	-10,2471358	0,042	0,314
CHR7	12998982	CHR7:12998982	SSF x Near_LoA	-5,9788328	0,069	0,314
CHR7	12998995	CHR7:12998995	SSF x Near_LoA	-11,6651078	0,066	0,304
CHR7	12999045	CHR7:12999045	SSF x Near_LoA	-11,2852853	0,056	0,298
CHR7	12999091	CHR7:12999091	SSF x Near_LoA	-9,47181956	0,085	0,300
CHR7	12999092	CHR7:12999092	SSF x Near_LoA	-9,93520309	0,079	0,307
CHR7	12999093	CHR7:12999093	SSF x Near_LoA	-10,6711543	0,045	0,306
CHR7	13030599	CHR7:13030599	SSF x Near_LoA	-11,4830124	0,053	0,299
CHR7	13030658	CHR7:13030658	SSF x Near_LoA	-3,86587395	0,035	0,309
CHR7	13030680	CHR7:13030680	SSF x Near_LoA	-9,30046933	0,017	0,305
CHR7	13030687	CHR7:13030687	SSF x Near_LoA	-10,9169161	0,010	0,321
CHR7	13030767	CHR7:13030767	SSF x Near_LoA	-11,3319639	-0,014	0,319
CHR7	13037659	CHR7:13037659	SSF x Near_LoA	-5,95876375	0,083	0,310

CHR7	13045041	CHR7:13045041	SSF x Near_LoA	-6,97189971	-0,145	0,305
CHR7	13045050	CHR7:13045050	SSF x Near_LoA	-7,28552146	-0,155	0,313
CHR7	13045079	CHR7:13045079	SSF x Near_LoA	-11,5572907	0,015	0,295
CHR7	13045208	CHR7:13045208	SSF x Near_LoA	-4,57946579	-0,042	0,328
CHR7	13053267	CHR7:13053267	SSF x Near_LoA	-11,1582525	-0,008	0,314
CHR7	1306824	CHR7:1306824	SSF x Near_LoA	-5,17562446	0,071	0,306
CHR7	13079363	CHR7:13079363	SSF x Near_LoA	-9,88596169	-0,109	0,313
CHR7	13079430	CHR7:13079430	SSF x Near_LoA	-8,48178436	-0,058	0,322
CHR7	13079479	CHR7:13079479	SSF x Near_LoA	-9,94295915	-0,073	0,308
CHR7	13079485	CHR7:13079485	SSF x Near_LoA	-8,28325236	0,060	0,306
CHR7	13085078	CHR7:13085078	SSF x Near_LoA	-9,38450214	0,065	0,312
CHR7	13121842	CHR7:13121842	SSF x Near_LoA	-8,85431285	0,058	0,300
CHR7	13121864	CHR7:13121864	SSF x Near_LoA	-9,77870515	-0,027	0,300
CHR7	13126987	CHR7:13126987	SSF x Near_LoA	-4,74411369	0,161	0,303
CHR7	13128732	CHR7:13128732	SSF x Near_LoA	-9,60689815	-0,143	0,293
CHR7	13128767	CHR7:13128767	SSF x Near_LoA	-8,64745302	-0,073	0,305
CHR7	13128794	CHR7:13128794	SSF x Near_LoA	-8,01491708	0,062	0,315
CHR7	13136164	CHR7:13136164	SSF x Near_LoA	-10,1071635	0,029	0,294
CHR7	13136330	CHR7:13136330	SSF x Near_LoA	-8,11142998	-0,081	0,304
CHR7	13136354	CHR7:13136354	SSF x Near_LoA	-7,15898843	0,086	0,313
CHR7	13136401	CHR7:13136401	SSF x Near_LoA	-6,58344758	-0,041	0,321
CHR7	13136402	CHR7:13136402	SSF x Near_LoA	-8,92484871	0,096	0,295
CHR7	13140302	CHR7:13140302	SSF x Near_LoA	-9,83065342	0,091	0,297
CHR7	13140335	CHR7:13140335	SSF x Near_LoA	-8,40286433	-0,063	0,308
CHR7	13140380	CHR7:13140380	SSF x Near_LoA	-10,8586553	-0,139	0,300
CHR7	13140443	CHR7:13140443	SSF x Near_LoA	-9,74448623	0,054	0,299
CHR7	13154710	CHR7:13154710	SSF x Near_LoA	-8,17445062	-0,048	0,308
CHR7	13154825	CHR7:13154825	SSF x Near_LoA	-9,53070213	-0,137	0,307
CHR7	13154850	CHR7:13154850	SSF x Near_LoA	-10,2667566	0,012	0,303
CHR7	13156496	CHR7:13156496	SSF x Near_LoA	-10,8017377	0,059	0,298
CHR7	13160108	CHR7:13160108	SSF x Near_LoA	-8,46154949	-0,097	0,298
CHR7	13160184	CHR7:13160184	SSF x Near_LoA	-9,5503613	-0,041	0,313
CHR7	13167636	CHR7:13167636	SSF x Near_LoA	-9,81751983	-0,018	0,299
CHR7	1318887	CHR7:1318887	SSF x Near_LoA	-10,0785503	0,004	0,303
CHR7	1318955	CHR7:1318955	SSF x Near_LoA	-11,8718386	-0,007	0,310
CHR7	13190693	CHR7:13190693	SSF x Near_LoA	-1,83814119	-0,026	0,303
CHR7	13190732	CHR7:13190732	SSF x Near_LoA	-4,55869512	-0,071	0,314
CHR7	13190740	CHR7:13190740	SSF x Near_LoA	-7,0451423	-0,083	0,301
CHR7	13190784	CHR7:13190784	SSF x Near_LoA	-9,42787487	0,061	0,317
CHR7	13198203	CHR7:13198203	SSF x Near_LoA	-11,4062255	-0,004	0,302
CHR7	13240653	CHR7:13240653	SSF x Near_LoA	-8,28855922	0,056	0,300
CHR7	13248617	CHR7:13248617	SSF x Near_LoA	-8,45584411	-0,082	0,298
CHR7	13249112	CHR7:13249112	SSF x Near_LoA	-7,73358487	0,127	0,293
CHR7	13251741	CHR7:13251741	SSF x Near_LoA	-10,1946683	-0,028	0,307
CHR7	13251770	CHR7:13251770	SSF x Near_LoA	-7,90756022	0,020	0,305
CHR7	13253543	CHR7:13253543	SSF x Near_LoA	-6,57095112	-0,105	0,309
CHR7	13253575	CHR7:13253575	SSF x Near_LoA	-8,63822388	0,002	0,309
CHR7	13253650	CHR7:13253650	SSF x Near_LoA	-6,58949357	0,048	0,307
CHR7	13253651	CHR7:13253651	SSF x Near_LoA	-8,35580528	0,081	0,296
CHR7	13253655	CHR7:13253655	SSF x Near_LoA	-8,7188233	0,063	0,299
CHR7	13253695	CHR7:13253695	SSF x Near_LoA	-10,3523825	0,024	0,310
CHR7	13253750	CHR7:13253750	SSF x Near_LoA	-8,5572194	-0,011	0,312
CHR7	13264668	CHR7:13264668	SSF x Near_LoA	-9,5977655	0,142	0,300

CHR7	1327229	CHR7:1327229	SSF x Near_LoA	-9,31961321	0,002	0,300
CHR7	1327295	CHR7:1327295	SSF x Near_LoA	-6,76499812	-0,042	0,305
CHR7	1327300	CHR7:1327300	SSF x Near_LoA	-11,1921326	0,080	0,292
CHR7	1327328	CHR7:1327328	SSF x Near_LoA	-10,7228635	0,098	0,279
CHR7	13273514	CHR7:13273514	SSF x Near_LoA	-9,97656799	-0,081	0,301
CHR7	13281937	CHR7:13281937	SSF x Near_LoA	-10,2131273	0,082	0,301
CHR7	13282000	CHR7:13282000	SSF x Near_LoA	-8,9822632	-0,066	0,325
CHR7	13282050	CHR7:13282050	SSF x Near_LoA	-7,01034184	0,104	0,310
CHR7	13282894	CHR7:13282894	SSF x Near_LoA	-6,99663572	0,059	0,312
CHR7	13282896	CHR7:13282896	SSF x Near_LoA	-9,52886354	0,064	0,299
CHR7	13282909	CHR7:13282909	SSF x Near_LoA	-6,14225221	0,143	0,302
CHR7	13282912	CHR7:13282912	SSF x Near_LoA	-7,03331706	-0,130	0,300
CHR7	13282917	CHR7:13282917	SSF x Near_LoA	-8,23759139	-0,130	0,305
CHR7	13282926	CHR7:13282926	SSF x Near_LoA	-7,64303628	0,024	0,308
CHR7	13282936	CHR7:13282936	SSF x Near_LoA	-8,41953437	-0,055	0,305
CHR7	13285820	CHR7:13285820	SSF x Near_LoA	-8,73873572	-0,008	0,303
CHR7	13294236	CHR7:13294236	SSF x Near_LoA	-9,44876584	-0,007	0,307
CHR7	13299878	CHR7:13299878	SSF x Near_LoA	-10,8077899	-0,043	0,317
CHR7	13299953	CHR7:13299953	SSF x Near_LoA	-4,7228629	-0,144	0,301
CHR7	13300002	CHR7:13300002	SSF x Near_LoA	-9,06158978	0,038	0,302
CHR7	13300840	CHR7:13300840	SSF x Near_LoA	-9,11035289	-0,026	0,320
CHR7	13300867	CHR7:13300867	SSF x Near_LoA	-10,0866907	0,010	0,295
CHR7	13304050	CHR7:13304050	SSF x Near_LoA	-9,50746772	0,114	0,299
CHR7	13304173	CHR7:13304173	SSF x Near_LoA	-8,96472049	-0,048	0,310
CHR7	13304204	CHR7:13304204	SSF x Near_LoA	-10,716075	0,005	0,314
CHR7	13307177	CHR7:13307177	SSF x Near_LoA	-11,2664068	0,054	0,302
CHR7	13307230	CHR7:13307230	SSF x Near_LoA	-6,04975363	0,120	0,310
CHR7	13307324	CHR7:13307324	SSF x Near_LoA	-10,5840023	-0,077	0,303
CHR7	13307350	CHR7:13307350	SSF x Near_LoA	-8,40656831	-0,056	0,306
CHR7	13307374	CHR7:13307374	SSF x Near_LoA	-8,09350542	-0,031	0,295
CHR7	13313240	CHR7:13313240	SSF x Near_LoA	-10,5670354	0,016	0,314
CHR7	13318069	CHR7:13318069	SSF x Near_LoA	-10,9405622	-0,055	0,282
CHR7	13326191	CHR7:13326191	SSF x Near_LoA	-8,9803212	0,008	0,308
CHR7	13326219	CHR7:13326219	SSF x Near_LoA	-8,84094048	0,002	0,320
CHR7	13326230	CHR7:13326230	SSF x Near_LoA	-9,56067282	-0,043	0,317
CHR7	13326304	CHR7:13326304	SSF x Near_LoA	-8,95194211	0,052	0,298
CHR7	13326322	CHR7:13326322	SSF x Near_LoA	-8,98822028	-0,091	0,319
CHR7	13338734	CHR7:13338734	SSF x Near_LoA	-9,58476725	-0,079	0,309
CHR7	13338752	CHR7:13338752	SSF x Near_LoA	-10,6938931	-0,043	0,306
CHR7	13338787	CHR7:13338787	SSF x Near_LoA	-8,98758588	-0,040	0,306
CHR7	13338798	CHR7:13338798	SSF x Near_LoA	-9,81557242	0,023	0,307
CHR7	13338820	CHR7:13338820	SSF x Near_LoA	-10,6957576	-0,038	0,306
CHR7	13338924	CHR7:13338924	SSF x Near_LoA	-10,7968137	0,006	0,306
CHR7	13338966	CHR7:13338966	SSF x Near_LoA	-9,19165595	0,034	0,305
CHR7	13338972	CHR7:13338972	SSF x Near_LoA	-9,73046085	-0,108	0,295
CHR7	13338974	CHR7:13338974	SSF x Near_LoA	-6,72838987	-0,076	0,324
CHR7	13338993	CHR7:13338993	SSF x Near_LoA	-9,76379807	0,040	0,314
CHR7	13339056	CHR7:13339056	SSF x Near_LoA	-8,68189921	-0,035	0,311
CHR7	13339058	CHR7:13339058	SSF x Near_LoA	-7,15164376	0,050	0,318
CHR7	13346556	CHR7:13346556	SSF x Near_LoA	-10,9784178	-0,109	0,299
CHR7	13346745	CHR7:13346745	SSF x Near_LoA	-3,65981756	-0,118	0,295
CHR7	13349899	CHR7:13349899	SSF x Near_LoA	-9,3938116	-0,162	0,299
CHR7	13349974	CHR7:13349974	SSF x Near_LoA	-7,85573135	-0,075	0,318

CHR7	13350001	CHR7:13350001	SSF x Near_LoA	-5,65911854	-0,184	0,302
CHR7	13350078	CHR7:13350078	SSF x Near_LoA	-7,24233806	0,089	0,310
CHR7	13350143	CHR7:13350143	SSF x Near_LoA	-10,0103313	0,000	0,314
CHR7	13355274	CHR7:13355274	SSF x Near_LoA	-10,1491781	-0,028	0,309
CHR7	13360722	CHR7:13360722	SSF x Near_LoA	-10,006	-0,009	0,301
CHR7	13360995	CHR7:13360995	SSF x Near_LoA	-11,0670055	0,017	0,305
CHR7	13367523	CHR7:13367523	SSF x Near_LoA	-8,59752956	0,042	0,308
CHR7	13376313	CHR7:13376313	SSF x Near_LoA	-9,12939668	-0,071	0,300
CHR7	1337791	CHR7:1337791	SSF x Near_LoA	-11,283612	0,021	0,313
CHR7	1337792	CHR7:1337792	SSF x Near_LoA	-10,8677748	0,026	0,322
CHR7	1337859	CHR7:1337859	SSF x Near_LoA	-9,96648497	-0,014	0,302
CHR7	13392926	CHR7:13392926	SSF x Near_LoA	-9,69934804	-0,104	0,296
CHR7	13396788	CHR7:13396788	SSF x Near_LoA	-9,96496654	0,040	0,314
CHR7	13396859	CHR7:13396859	SSF x Near_LoA	-10,596261	0,022	0,315
CHR7	13396877	CHR7:13396877	SSF x Near_LoA	-10,6083757	-0,078	0,297
CHR7	13396896	CHR7:13396896	SSF x Near_LoA	-6,32609316	0,038	0,306
CHR7	13396900	CHR7:13396900	SSF x Near_LoA	-9,58087849	-0,088	0,318
CHR7	13402179	CHR7:13402179	SSF x Near_LoA	-7,0572695	0,127	0,315
CHR7	13402270	CHR7:13402270	SSF x Near_LoA	-9,09724929	0,158	0,299
CHR7	13402422	CHR7:13402422	SSF x Near_LoA	-9,61330862	-0,071	0,294
CHR7	13408081	CHR7:13408081	SSF x Near_LoA	-8,72858878	-0,030	0,310
CHR7	13441019	CHR7:13441019	SSF x Near_LoA	-11,9372624	0,000	0,305
CHR7	13456397	CHR7:13456397	SSF x Near_LoA	-2,82035284	0,192	0,303
CHR7	13456611	CHR7:13456611	SSF x Near_LoA	-10,5709081	0,117	0,297
CHR7	13456635	CHR7:13456635	SSF x Near_LoA	-7,86403108	-0,119	0,317
CHR7	13459504	CHR7:13459504	SSF x Near_LoA	-6,93692557	-0,029	0,319
CHR7	13459508	CHR7:13459508	SSF x Near_LoA	-7,41887069	-0,005	0,320
CHR7	13459509	CHR7:13459509	SSF x Near_LoA	-6,88306253	-0,114	0,293
CHR7	13462609	CHR7:13462609	SSF x Near_LoA	-8,11748657	-0,050	0,309
CHR7	13462636	CHR7:13462636	SSF x Near_LoA	-9,8841077	0,005	0,299
CHR7	13465071	CHR7:13465071	SSF x Near_LoA	-9,279185	0,089	0,312
CHR7	13465079	CHR7:13465079	SSF x Near_LoA	-10,9435511	-0,042	0,304
CHR7	13465083	CHR7:13465083	SSF x Near_LoA	-10,0457343	0,117	0,301
CHR7	13465088	CHR7:13465088	SSF x Near_LoA	-8,82556178	0,148	0,299
CHR7	13472268	CHR7:13472268	SSF x Near_LoA	-10,8259724	-0,005	0,303
CHR7	13472269	CHR7:13472269	SSF x Near_LoA	-7,09616959	-0,004	0,315
CHR7	13472271	CHR7:13472271	SSF x Near_LoA	-10,3073041	-0,017	0,309
CHR7	13474156	CHR7:13474156	SSF x Near_LoA	-10,3342251	0,008	0,316
CHR7	13477471	CHR7:13477471	SSF x Near_LoA	-9,14512772	-0,019	0,317
CHR7	13481143	CHR7:13481143	SSF x Near_LoA	-4,00344775	0,034	0,304
CHR7	13481151	CHR7:13481151	SSF x Near_LoA	-9,43261962	-0,026	0,301
CHR7	13481199	CHR7:13481199	SSF x Near_LoA	-9,61791432	-0,164	0,296
CHR7	13481225	CHR7:13481225	SSF x Near_LoA	-9,29777282	-0,006	0,314
CHR7	13481226	CHR7:13481226	SSF x Near_LoA	-9,40436947	0,004	0,328
CHR7	13481227	CHR7:13481227	SSF x Near_LoA	-9,48828818	-0,003	0,326
CHR7	13481264	CHR7:13481264	SSF x Near_LoA	-9,86100233	0,007	0,319
CHR7	13483531	CHR7:13483531	SSF x Near_LoA	-10,9319837	0,016	0,314
CHR7	13483533	CHR7:13483533	SSF x Near_LoA	-7,04805519	-0,069	0,317
CHR7	13501707	CHR7:13501707	SSF x Near_LoA	-9,8197776	0,124	0,287
CHR7	13504324	CHR7:13504324	SSF x Near_LoA	-9,92523651	0,007	0,307
CHR7	13504414	CHR7:13504414	SSF x Near_LoA	-2,35379736	-0,034	0,318
CHR7	13509049	CHR7:13509049	SSF x Near_LoA	-10,2965221	-0,054	0,298
CHR7	13509058	CHR7:13509058	SSF x Near_LoA	-10,0441132	-0,050	0,314

CHR7	13509127	CHR7:13509127	SSF x Near_LoA	-5,62547676	-0,034	0,300
CHR7	13509228	CHR7:13509228	SSF x Near_LoA	-0,08486888	0,147	0,307
CHR7	13513286	CHR7:13513286	SSF x Near_LoA	-9,65747955	0,001	0,303
CHR7	13524221	CHR7:13524221	SSF x Near_LoA	-9,76264229	-0,040	0,303
CHR7	1352681	CHR7:1352681	SSF x Near_LoA	-8,71110403	0,052	0,307
CHR7	1352686	CHR7:1352686	SSF x Near_LoA	-9,35103613	0,059	0,310
CHR7	1352718	CHR7:1352718	SSF x Near_LoA	-9,66751104	0,108	0,307
CHR7	1352745	CHR7:1352745	SSF x Near_LoA	-9,52368674	-0,001	0,306
CHR7	1352775	CHR7:1352775	SSF x Near_LoA	-8,95377171	0,042	0,294
CHR7	1352818	CHR7:1352818	SSF x Near_LoA	-8,32165822	0,032	0,296
CHR7	1352834	CHR7:1352834	SSF x Near_LoA	-12,4562504	-0,002	0,306
CHR7	1352848	CHR7:1352848	SSF x Near_LoA	-11,0591016	0,007	0,316
CHR7	13538476	CHR7:13538476	SSF x Near_LoA	-8,57258655	-0,054	0,329
CHR7	1353864	CHR7:1353864	SSF x Near_LoA	-11,3184807	-0,050	0,318
CHR7	1353916	CHR7:1353916	SSF x Near_LoA	-9,25718758	0,024	0,318
CHR7	13543633	CHR7:13543633	SSF x Near_LoA	-10,2600993	-0,028	0,296
CHR7	1354976	CHR7:1354976	SSF x Near_LoA	-10,0962216	-0,053	0,305
CHR7	1354977	CHR7:1354977	SSF x Near_LoA	-8,13161856	-0,102	0,320
CHR7	1354979	CHR7:1354979	SSF x Near_LoA	-6,15366062	0,058	0,303
CHR7	1354980	CHR7:1354980	SSF x Near_LoA	-9,62517517	0,083	0,295
CHR7	1354983	CHR7:1354983	SSF x Near_LoA	-11,596549	-0,085	0,298
CHR7	1354996	CHR7:1354996	SSF x Near_LoA	-8,97574015	0,095	0,301
CHR7	1355009	CHR7:1355009	SSF x Near_LoA	-8,55933823	-0,076	0,314
CHR7	1355078	CHR7:1355078	SSF x Near_LoA	-9,40689828	-0,041	0,301
CHR7	13559361	CHR7:13559361	SSF x Near_LoA	-11,0079674	-0,001	0,302
CHR7	13560139	CHR7:13560139	SSF x Near_LoA	-9,34495553	-0,020	0,305
CHR7	13560145	CHR7:13560145	SSF x Near_LoA	-11,1625421	-0,021	0,300
CHR7	13576668	CHR7:13576668	SSF x Near_LoA	-10,1214765	0,081	0,301
CHR7	1358017	CHR7:1358017	SSF x Near_LoA	-10,8730153	-0,008	0,308
CHR7	1358089	CHR7:1358089	SSF x Near_LoA	-10,4824149	-0,011	0,320
CHR7	1358208	CHR7:1358208	SSF x Near_LoA	-6,57602134	0,145	0,302
CHR7	13588157	CHR7:13588157	SSF x Near_LoA	-9,98229986	0,094	0,320
CHR7	13607329	CHR7:13607329	SSF x Near_LoA	-10,2126937	-0,111	0,315
CHR7	13607471	CHR7:13607471	SSF x Near_LoA	-9,43529018	0,077	0,315
CHR7	13607485	CHR7:13607485	SSF x Near_LoA	-8,10510309	0,083	0,308
CHR7	13607543	CHR7:13607543	SSF x Near_LoA	-7,28116751	0,057	0,285
CHR7	13607560	CHR7:13607560	SSF x Near_LoA	-7,87030171	0,012	0,306
CHR7	13614908	CHR7:13614908	SSF x Near_LoA	-10,0738344	-0,026	0,312
CHR7	13615085	CHR7:13615085	SSF x Near_LoA	-5,76759569	-0,067	0,307
CHR7	13617142	CHR7:13617142	SSF x Near_LoA	-6,04370182	-0,021	0,310
CHR7	13620665	CHR7:13620665	SSF x Near_LoA	-10,2720873	-0,089	0,300
CHR7	13635158	CHR7:13635158	SSF x Near_LoA	-10,0416118	0,097	0,291
CHR7	13635193	CHR7:13635193	SSF x Near_LoA	-11,6568109	-0,041	0,310
CHR7	13635331	CHR7:13635331	SSF x Near_LoA	-6,99242901	0,131	0,311
CHR7	13635356	CHR7:13635356	SSF x Near_LoA	-7,63357045	0,132	0,311
CHR7	13635382	CHR7:13635382	SSF x Near_LoA	-8,68256534	0,063	0,321
CHR7	13635399	CHR7:13635399	SSF x Near_LoA	-4,11442218	0,100	0,301
CHR7	13638812	CHR7:13638812	SSF x Near_LoA	-8,67461085	-0,104	0,310
CHR7	13638838	CHR7:13638838	SSF x Near_LoA	-6,87526273	0,146	0,308
CHR7	13639234	CHR7:13639234	SSF x Near_LoA	-10,3228396	0,077	0,299
CHR7	13642369	CHR7:13642369	SSF x Near_LoA	-11,1353835	-0,021	0,303
CHR7	13642370	CHR7:13642370	SSF x Near_LoA	-7,07193546	-0,204	0,315
CHR7	13644994	CHR7:13644994	SSF x Near_LoA	-9,19757723	-0,098	0,310

CHR7	13645041	CHR7:13645041	SSF x Near_LoA	-7,95072376	-0,109	0,297
CHR7	13645105	CHR7:13645105	SSF x Near_LoA	-8,89754354	-0,087	0,306
CHR7	1364922	CHR7:1364922	SSF x Near_LoA	-8,32681343	0,050	0,313
CHR7	13649349	CHR7:13649349	SSF x Near_LoA	-9,88769185	0,049	0,305
CHR7	13649473	CHR7:13649473	SSF x Near_LoA	-6,6517064	0,035	0,316
CHR7	1364975	CHR7:1364975	SSF x Near_LoA	-7,09438527	0,079	0,306
CHR7	13668927	CHR7:13668927	SSF x Near_LoA	-8,0851494	-0,103	0,319
CHR7	13677162	CHR7:13677162	SSF x Near_LoA	-10,2340021	0,054	0,300
CHR7	13679976	CHR7:13679976	SSF x Near_LoA	-9,94477389	-0,011	0,308
CHR7	13689013	CHR7:13689013	SSF x Near_LoA	-9,72222068	-0,116	0,305
CHR7	13690396	CHR7:13690396	SSF x Near_LoA	-10,7349193	-0,050	0,309
CHR7	13690475	CHR7:13690475	SSF x Near_LoA	-7,95293399	0,021	0,324
CHR7	13693772	CHR7:13693772	SSF x Near_LoA	-9,88054926	-0,068	0,313
CHR7	13693816	CHR7:13693816	SSF x Near_LoA	-6,02129831	-0,063	0,310
CHR7	13695407	CHR7:13695407	SSF x Near_LoA	-7,11027516	0,036	0,306
CHR7	13695428	CHR7:13695428	SSF x Near_LoA	-8,69337532	-0,093	0,299
CHR7	13695518	CHR7:13695518	SSF x Near_LoA	-7,22832506	-0,002	0,313
CHR7	13696905	CHR7:13696905	SSF x Near_LoA	-10,03918	0,109	0,309
CHR7	13696961	CHR7:13696961	SSF x Near_LoA	-8,56343872	0,021	0,317
CHR7	13696964	CHR7:13696964	SSF x Near_LoA	-11,0595158	-0,048	0,314
CHR7	13702567	CHR7:13702567	SSF x Near_LoA	-7,04564543	0,006	0,314
CHR7	13702710	CHR7:13702710	SSF x Near_LoA	-9,11614629	-0,005	0,302
CHR7	13702750	CHR7:13702750	SSF x Near_LoA	-9,84413294	-0,078	0,306
CHR7	13702765	CHR7:13702765	SSF x Near_LoA	-10,4090388	-0,046	0,311
CHR7	13702832	CHR7:13702832	SSF x Near_LoA	-10,9351509	-0,014	0,309
CHR7	13702833	CHR7:13702833	SSF x Near_LoA	-9,84720522	0,076	0,309
CHR7	13710111	CHR7:13710111	SSF x Near_LoA	-9,08517528	-0,073	0,301
CHR7	13710135	CHR7:13710135	SSF x Near_LoA	-8,96552577	-0,027	0,308
CHR7	13710163	CHR7:13710163	SSF x Near_LoA	-8,83478649	-0,025	0,301
CHR7	13710177	CHR7:13710177	SSF x Near_LoA	-5,36244184	-0,142	0,305
CHR7	13710188	CHR7:13710188	SSF x Near_LoA	-8,16388761	0,193	0,291
CHR7	13710240	CHR7:13710240	SSF x Near_LoA	-7,3640806	-0,097	0,324
CHR7	13710259	CHR7:13710259	SSF x Near_LoA	-7,65340784	-0,121	0,299
CHR7	13710284	CHR7:13710284	SSF x Near_LoA	-10,1368975	0,026	0,302
CHR7	13717015	CHR7:13717015	SSF x Near_LoA	-8,20611824	-0,052	0,299
CHR7	13725107	CHR7:13725107	SSF x Near_LoA	-8,47623716	0,039	0,305
CHR7	13726026	CHR7:13726026	SSF x Near_LoA	-8,67177169	-0,034	0,314
CHR7	13726137	CHR7:13726137	SSF x Near_LoA	-10,0062412	-0,033	0,289
CHR7	13729152	CHR7:13729152	SSF x Near_LoA	-10,3101248	-0,036	0,314
CHR7	13729154	CHR7:13729154	SSF x Near_LoA	-11,0125885	-0,026	0,303
CHR7	13729155	CHR7:13729155	SSF x Near_LoA	-10,3248714	-0,010	0,308
CHR7	13729183	CHR7:13729183	SSF x Near_LoA	-8,38293981	-0,037	0,287
CHR7	13729234	CHR7:13729234	SSF x Near_LoA	-9,6331916	0,031	0,303
CHR7	13729342	CHR7:13729342	SSF x Near_LoA	-8,37640226	0,045	0,298
CHR7	13749301	CHR7:13749301	SSF x Near_LoA	-10,7449618	0,067	0,306
CHR7	13750705	CHR7:13750705	SSF x Near_LoA	-7,07912236	-0,115	0,298
CHR7	13750727	CHR7:13750727	SSF x Near_LoA	-5,29622229	-0,169	0,304
CHR7	13750739	CHR7:13750739	SSF x Near_LoA	-10,1836442	0,069	0,290
CHR7	1376048	CHR7:1376048	SSF x Near_LoA	-11,2474637	0,055	0,299
CHR7	1376097	CHR7:1376097	SSF x Near_LoA	-8,24843918	0,062	0,317
CHR7	1376136	CHR7:1376136	SSF x Near_LoA	-4,96607768	0,060	0,313
CHR7	1376137	CHR7:1376137	SSF x Near_LoA	-9,63102177	0,087	0,297
CHR7	1376192	CHR7:1376192	SSF x Near_LoA	-9,84890584	0,063	0,298

CHR7	1376194	CHR7:1376194	SSF x Near_LoA	-10,4042099	0,059	0,297
CHR7	1376206	CHR7:1376206	SSF x Near_LoA	-9,23285544	0,126	0,295
CHR7	1376208	CHR7:1376208	SSF x Near_LoA	-8,09540713	0,109	0,288
CHR7	1376226	CHR7:1376226	SSF x Near_LoA	-10,6174725	0,019	0,296
CHR7	13765922	CHR7:13765922	SSF x Near_LoA	-10,1412054	0,073	0,307
CHR7	13766041	CHR7:13766041	SSF x Near_LoA	-8,46992155	0,032	0,317
CHR7	13766101	CHR7:13766101	SSF x Near_LoA	-8,95199065	0,009	0,310
CHR7	13766118	CHR7:13766118	SSF x Near_LoA	-5,18415628	0,028	0,307
CHR7	13766130	CHR7:13766130	SSF x Near_LoA	-9,26076049	0,008	0,295
CHR7	13766193	CHR7:13766193	SSF x Near_LoA	-9,81532449	0,019	0,297
CHR7	13773716	CHR7:13773716	SSF x Near_LoA	-7,76669797	-0,106	0,317
CHR7	13773767	CHR7:13773767	SSF x Near_LoA	-9,21270494	0,059	0,301
CHR7	13781294	CHR7:13781294	SSF x Near_LoA	-10,9165957	-0,077	0,311
CHR7	13784475	CHR7:13784475	SSF x Near_LoA	-10,1404255	0,036	0,306
CHR7	13788929	CHR7:13788929	SSF x Near_LoA	-8,70948578	0,001	0,313
CHR7	13788961	CHR7:13788961	SSF x Near_LoA	-6,61458552	0,118	0,307
CHR7	13789041	CHR7:13789041	SSF x Near_LoA	-11,3504482	0,072	0,303
CHR7	13798560	CHR7:13798560	SSF x Near_LoA	-9,29694732	0,030	0,315
CHR7	13802971	CHR7:13802971	SSF x Near_LoA	-9,50653298	0,054	0,311
CHR7	13802979	CHR7:13802979	SSF x Near_LoA	-10,1489407	0,037	0,301
CHR7	13805846	CHR7:13805846	SSF x Near_LoA	-8,63621245	0,026	0,308
CHR7	13805897	CHR7:13805897	SSF x Near_LoA	-7,08193059	0,052	0,307
CHR7	13807517	CHR7:13807517	SSF x Near_LoA	-8,56924449	0,058	0,304
CHR7	13807525	CHR7:13807525	SSF x Near_LoA	-8,87042408	0,007	0,311
CHR7	13807547	CHR7:13807547	SSF x Near_LoA	-11,3298271	-0,014	0,296
CHR7	13807745	CHR7:13807745	SSF x Near_LoA	-10,8622529	0,010	0,307
CHR7	13811953	CHR7:13811953	SSF x Near_LoA	-7,99490525	0,080	0,307
CHR7	13811973	CHR7:13811973	SSF x Near_LoA	-10,9817362	-0,046	0,312
CHR7	13813709	CHR7:13813709	SSF x Near_LoA	-8,96180533	-0,079	0,303
CHR7	13813734	CHR7:13813734	SSF x Near_LoA	-9,28207908	-0,007	0,315
CHR7	13813743	CHR7:13813743	SSF x Near_LoA	-9,69778142	0,083	0,303
CHR7	13813805	CHR7:13813805	SSF x Near_LoA	-8,75559483	0,063	0,306
CHR7	13813912	CHR7:13813912	SSF x Near_LoA	-10,3888702	0,012	0,306
CHR7	13813923	CHR7:13813923	SSF x Near_LoA	-8,52169329	0,048	0,310
CHR7	13816852	CHR7:13816852	SSF x Near_LoA	-7,88177722	0,087	0,313
CHR7	13818432	CHR7:13818432	SSF x Near_LoA	-8,10203065	-0,001	0,306
CHR7	13818612	CHR7:13818612	SSF x Near_LoA	-10,4674199	-0,064	0,312
CHR7	13818690	CHR7:13818690	SSF x Near_LoA	-10,0371451	-0,089	0,308
CHR7	13823105	CHR7:13823105	SSF x Near_LoA	-11,9146541	0,013	0,311
CHR7	13823163	CHR7:13823163	SSF x Near_LoA	-10,8163267	-0,030	0,288
CHR7	13823197	CHR7:13823197	SSF x Near_LoA	-10,9605652	-0,023	0,311
CHR7	13844151	CHR7:13844151	SSF x Near_LoA	-10,2394206	0,099	0,296
CHR7	13844506	CHR7:13844506	SSF x Near_LoA	-9,51419008	-0,002	0,305
CHR7	13844576	CHR7:13844576	SSF x Near_LoA	-7,71484654	-0,077	0,296
CHR7	13864168	CHR7:13864168	SSF x Near_LoA	-9,18751818	-0,026	0,321
CHR7	13864250	CHR7:13864250	SSF x Near_LoA	-11,0890527	-0,007	0,316
CHR7	13885065	CHR7:13885065	SSF x Near_LoA	-11,0377778	0,025	0,313
CHR7	13885092	CHR7:13885092	SSF x Near_LoA	-7,79602721	0,039	0,307
CHR7	13885120	CHR7:13885120	SSF x Near_LoA	-6,86071391	0,024	0,309
CHR7	13885173	CHR7:13885173	SSF x Near_LoA	-8,20941255	0,131	0,307
CHR7	13889863	CHR7:13889863	SSF x Near_LoA	-9,98477374	0,095	0,310
CHR7	13895217	CHR7:13895217	SSF x Near_LoA	-8,87328025	-0,024	0,295
CHR7	13897428	CHR7:13897428	SSF x Near_LoA	-11,2583649	-0,018	0,303

CHR7	13897430	CHR7:13897430	SSF x Near_LoA	-9,4787346	-0,052	0,302
CHR7	13897431	CHR7:13897431	SSF x Near_LoA	-11,263961	-0,035	0,317
CHR7	13908123	CHR7:13908123	SSF x Near_LoA	-6,57453186	0,156	0,304
CHR7	13908292	CHR7:13908292	SSF x Near_LoA	-8,53689878	0,012	0,308
CHR7	13908324	CHR7:13908324	SSF x Near_LoA	0,28457584	-0,072	0,306
CHR7	13916469	CHR7:13916469	SSF x Near_LoA	-10,5004326	-0,017	0,318
CHR7	13918150	CHR7:13918150	SSF x Near_LoA	-10,9778625	-0,040	0,298
CHR7	13919954	CHR7:13919954	SSF x Near_LoA	-10,2923138	0,033	0,310
CHR7	13923818	CHR7:13923818	SSF x Near_LoA	-9,05098485	0,063	0,309
CHR7	13924194	CHR7:13924194	SSF x Near_LoA	-11,2057436	-0,084	0,315
CHR7	13924203	CHR7:13924203	SSF x Near_LoA	-10,346287	-0,050	0,304
CHR7	1392474	CHR7:1392474	SSF x Near_LoA	-9,54600437	-0,001	0,306
CHR7	13929616	CHR7:13929616	SSF x Near_LoA	-10,1327862	0,080	0,321
CHR7	13929773	CHR7:13929773	SSF x Near_LoA	-11,5177894	0,062	0,296
CHR7	13932837	CHR7:13932837	SSF x Near_LoA	-5,71882842	0,185	0,304
CHR7	13932872	CHR7:13932872	SSF x Near_LoA	-9,05388177	0,043	0,308
CHR7	13932897	CHR7:13932897	SSF x Near_LoA	-10,1975911	-0,003	0,307
CHR7	13932982	CHR7:13932982	SSF x Near_LoA	-5,90072595	0,119	0,306
CHR7	13933007	CHR7:13933007	SSF x Near_LoA	-7,13552741	-0,110	0,296
CHR7	13933011	CHR7:13933011	SSF x Near_LoA	-7,17276304	0,016	0,314
CHR7	13933107	CHR7:13933107	SSF x Near_LoA	-10,8781517	0,098	0,290
CHR7	13933138	CHR7:13933138	SSF x Near_LoA	-9,02342783	-0,031	0,310
CHR7	13933157	CHR7:13933157	SSF x Near_LoA	-9,33973327	0,062	0,321
CHR7	13933161	CHR7:13933161	SSF x Near_LoA	-11,0438225	-0,078	0,311
CHR7	13939249	CHR7:13939249	SSF x Near_LoA	-10,1774121	0,021	0,297
CHR7	13946176	CHR7:13946176	SSF x Near_LoA	-8,12018089	-0,124	0,295
CHR7	13946184	CHR7:13946184	SSF x Near_LoA	-8,6404455	-0,043	0,304
CHR7	13946188	CHR7:13946188	SSF x Near_LoA	-8,29900141	0,061	0,315
CHR7	13946246	CHR7:13946246	SSF x Near_LoA	-8,86663321	-0,092	0,305
CHR7	13946255	CHR7:13946255	SSF x Near_LoA	-10,4649601	0,005	0,312
CHR7	13946271	CHR7:13946271	SSF x Near_LoA	-9,79232532	0,066	0,296
CHR7	13948923	CHR7:13948923	SSF x Near_LoA	-6,7428635	-0,015	0,305
CHR7	13948937	CHR7:13948937	SSF x Near_LoA	-8,83831729	-0,020	0,309
CHR7	13952697	CHR7:13952697	SSF x Near_LoA	-10,4252458	0,068	0,292
CHR7	13952808	CHR7:13952808	SSF x Near_LoA	-8,8573329	0,048	0,300
CHR7	13952925	CHR7:13952925	SSF x Near_LoA	-9,67401115	0,002	0,300
CHR7	13952928	CHR7:13952928	SSF x Near_LoA	-3,51735155	-0,051	0,325
CHR7	13955637	CHR7:13955637	SSF x Near_LoA	-9,93915853	0,054	0,312
CHR7	13955652	CHR7:13955652	SSF x Near_LoA	-10,7675332	0,111	0,283
CHR7	13955667	CHR7:13955667	SSF x Near_LoA	-8,2428145	0,033	0,316
CHR7	13955687	CHR7:13955687	SSF x Near_LoA	-10,4729015	-0,009	0,310
CHR7	13955699	CHR7:13955699	SSF x Near_LoA	-11,6117662	-0,028	0,283
CHR7	13955728	CHR7:13955728	SSF x Near_LoA	-8,45382067	0,086	0,310
CHR7	13957930	CHR7:13957930	SSF x Near_LoA	-8,70478315	0,019	0,311
CHR7	13957940	CHR7:13957940	SSF x Near_LoA	-8,99835263	0,080	0,306
CHR7	13957952	CHR7:13957952	SSF x Near_LoA	-10,654324	0,048	0,312
CHR7	13957959	CHR7:13957959	SSF x Near_LoA	-11,5894101	0,017	0,304
CHR7	13960182	CHR7:13960182	SSF x Near_LoA	-8,07843691	0,032	0,303
CHR7	13960302	CHR7:13960302	SSF x Near_LoA	-7,19451169	0,121	0,306
CHR7	13960310	CHR7:13960310	SSF x Near_LoA	-6,94880934	0,154	0,298
CHR7	13973574	CHR7:13973574	SSF x Near_LoA	-9,67483645	-0,061	0,302
CHR7	13973578	CHR7:13973578	SSF x Near_LoA	-8,58601226	-0,062	0,308
CHR7	13973591	CHR7:13973591	SSF x Near_LoA	-4,833673	0,212	0,289

CHR7	13975725	CHR7:13975725	SSF x Near_LoA	-5,5958418	0,051	0,312
CHR7	13975829	CHR7:13975829	SSF x Near_LoA	-8,92026135	0,069	0,284
CHR7	13978705	CHR7:13978705	SSF x Near_LoA	-9,13579651	-0,003	0,320
CHR7	13978858	CHR7:13978858	SSF x Near_LoA	-7,36022751	0,227	0,285
CHR7	13978881	CHR7:13978881	SSF x Near_LoA	-1,39990716	-0,068	0,303
CHR7	13978939	CHR7:13978939	SSF x Near_LoA	-5,78290359	0,157	0,313
CHR7	13978961	CHR7:13978961	SSF x Near_LoA	-10,0711353	0,027	0,313
CHR7	13978964	CHR7:13978964	SSF x Near_LoA	-8,7954504	0,051	0,301
CHR7	13991908	CHR7:13991908	SSF x Near_LoA	-8,52361388	0,056	0,293
CHR7	13991966	CHR7:13991966	SSF x Near_LoA	-7,76816938	-0,039	0,315
CHR7	14009467	CHR7:14009467	SSF x Near_LoA	-9,30314556	0,004	0,320
CHR7	14015528	CHR7:14015528	SSF x Near_LoA	-10,3327841	0,001	0,308
CHR7	14015571	CHR7:14015571	SSF x Near_LoA	-11,4463562	0,026	0,300
CHR7	14015772	CHR7:14015772	SSF x Near_LoA	-9,06081629	0,038	0,302
CHR7	1402934	CHR7:1402934	SSF x Near_LoA	-8,73212744	0,155	0,298
CHR7	14030468	CHR7:14030468	SSF x Near_LoA	-8,40837772	-0,080	0,307
CHR7	14030514	CHR7:14030514	SSF x Near_LoA	-11,1821035	0,079	0,293
CHR7	14030581	CHR7:14030581	SSF x Near_LoA	4,48703419	-0,169	0,330
CHR7	14041588	CHR7:14041588	SSF x Near_LoA	-9,26253375	0,043	0,309
CHR7	14041643	CHR7:14041643	SSF x Near_LoA	-10,2916694	0,095	0,315
CHR7	14041773	CHR7:14041773	SSF x Near_LoA	-9,65069691	0,065	0,296
CHR7	14058409	CHR7:14058409	SSF x Near_LoA	-3,27696861	-0,015	0,298
CHR7	14058415	CHR7:14058415	SSF x Near_LoA	-9,08004789	0,127	0,291
CHR7	14058591	CHR7:14058591	SSF x Near_LoA	-8,80834244	0,024	0,311
CHR7	14058648	CHR7:14058648	SSF x Near_LoA	-5,22970803	-0,095	0,319
CHR7	14058671	CHR7:14058671	SSF x Near_LoA	-9,08843866	0,099	0,311
CHR7	14058673	CHR7:14058673	SSF x Near_LoA	-9,57044499	-0,025	0,318
CHR7	14058674	CHR7:14058674	SSF x Near_LoA	-9,55387089	0,008	0,309
CHR7	14058675	CHR7:14058675	SSF x Near_LoA	-8,62080212	0,132	0,306
CHR7	14071976	CHR7:14071976	SSF x Near_LoA	-8,4043762	-0,134	0,313
CHR7	14072049	CHR7:14072049	SSF x Near_LoA	-0,45610334	-0,006	0,324
CHR7	14072079	CHR7:14072079	SSF x Near_LoA	-8,78882478	0,057	0,307
CHR7	14073474	CHR7:14073474	SSF x Near_LoA	-8,70863036	0,061	0,317
CHR7	14073521	CHR7:14073521	SSF x Near_LoA	-10,3291371	0,066	0,303
CHR7	14092132	CHR7:14092132	SSF x Near_LoA	-9,06934073	-0,062	0,324
CHR7	14092588	CHR7:14092588	SSF x Near_LoA	-11,0037369	0,044	0,311
CHR7	1409660	CHR7:1409660	SSF x Near_LoA	-10,8359822	-0,046	0,306
CHR7	1409670	CHR7:1409670	SSF x Near_LoA	-11,844887	-0,001	0,309
CHR7	14100425	CHR7:14100425	SSF x Near_LoA	-8,22417517	0,104	0,308
CHR7	14110373	CHR7:14110373	SSF x Near_LoA	-11,3964172	0,031	0,309
CHR7	14110483	CHR7:14110483	SSF x Near_LoA	-10,6294403	0,042	0,309
CHR7	14110597	CHR7:14110597	SSF x Near_LoA	-11,1378342	-0,053	0,296
CHR7	14114321	CHR7:14114321	SSF x Near_LoA	-8,75403242	0,016	0,326
CHR7	14114385	CHR7:14114385	SSF x Near_LoA	-9,64111577	-0,044	0,318
CHR7	14114509	CHR7:14114509	SSF x Near_LoA	-10,3712693	-0,032	0,305
CHR7	14114599	CHR7:14114599	SSF x Near_LoA	-7,15324581	-0,071	0,307
CHR7	14120886	CHR7:14120886	SSF x Near_LoA	-8,04616934	-0,018	0,321
CHR7	14120901	CHR7:14120901	SSF x Near_LoA	-8,02979586	0,094	0,312
CHR7	14120904	CHR7:14120904	SSF x Near_LoA	-12,3913017	-0,019	0,304
CHR7	14120923	CHR7:14120923	SSF x Near_LoA	-10,1781533	0,036	0,312
CHR7	14121399	CHR7:14121399	SSF x Near_LoA	-8,88279951	-0,001	0,310
CHR7	14121438	CHR7:14121438	SSF x Near_LoA	-8,18858682	0,007	0,310
CHR7	14121462	CHR7:14121462	SSF x Near_LoA	-10,2446108	0,069	0,316

CHR7	14121475	CHR7:14121475	SSF x Near_LoA	-10,5370321	0,067	0,302
CHR7	14128736	CHR7:14128736	SSF x Near_LoA	-6,04452216	-0,189	0,292
CHR7	14129043	CHR7:14129043	SSF x Near_LoA	-9,33429685	-0,152	0,301
CHR7	1414190	CHR7:1414190	SSF x Near_LoA	-10,6868602	-0,113	0,313
CHR7	14142857	CHR7:14142857	SSF x Near_LoA	-9,70201334	-0,047	0,306
CHR7	14160154	CHR7:14160154	SSF x Near_LoA	-9,86545422	-0,015	0,307
CHR7	14161477	CHR7:14161477	SSF x Near_LoA	-10,4554293	0,066	0,300
CHR7	14161496	CHR7:14161496	SSF x Near_LoA	-7,90266762	-0,102	0,304
CHR7	14161521	CHR7:14161521	SSF x Near_LoA	-6,94164522	-0,107	0,296
CHR7	14162885	CHR7:14162885	SSF x Near_LoA	-6,32853486	0,174	0,296
CHR7	14165500	CHR7:14165500	SSF x Near_LoA	-6,99689852	0,142	0,304
CHR7	14165529	CHR7:14165529	SSF x Near_LoA	-8,42360782	0,168	0,289
CHR7	14168264	CHR7:14168264	SSF x Near_LoA	-9,50663488	-0,007	0,307
CHR7	14168444	CHR7:14168444	SSF x Near_LoA	-10,462539	0,014	0,303
CHR7	14168532	CHR7:14168532	SSF x Near_LoA	-9,78467303	0,023	0,310
CHR7	14170976	CHR7:14170976	SSF x Near_LoA	-9,86503919	-0,045	0,308
CHR7	14171173	CHR7:14171173	SSF x Near_LoA	-6,86859068	-0,081	0,309
CHR7	14176081	CHR7:14176081	SSF x Near_LoA	-6,09161726	-0,038	0,303
CHR7	14179893	CHR7:14179893	SSF x Near_LoA	-8,91886145	-0,135	0,308
CHR7	14179936	CHR7:14179936	SSF x Near_LoA	-7,44027962	0,085	0,314
CHR7	14179951	CHR7:14179951	SSF x Near_LoA	-9,49463193	-0,113	0,306
CHR7	14184820	CHR7:14184820	SSF x Near_LoA	-9,18007732	0,069	0,297
CHR7	14184841	CHR7:14184841	SSF x Near_LoA	-9,3299682	-0,051	0,312
CHR7	14191563	CHR7:14191563	SSF x Near_LoA	-8,37394382	-0,027	0,290
CHR7	14191568	CHR7:14191568	SSF x Near_LoA	-10,1691516	-0,008	0,298
CHR7	14191600	CHR7:14191600	SSF x Near_LoA	-9,68923413	0,002	0,308
CHR7	14191604	CHR7:14191604	SSF x Near_LoA	-9,21825917	0,072	0,306
CHR7	14191606	CHR7:14191606	SSF x Near_LoA	-10,9977129	0,084	0,291
CHR7	14191617	CHR7:14191617	SSF x Near_LoA	-9,77235293	-0,017	0,301
CHR7	14191659	CHR7:14191659	SSF x Near_LoA	-10,7127788	0,085	0,304
CHR7	14202375	CHR7:14202375	SSF x Near_LoA	-7,78526098	-0,080	0,305
CHR7	14207983	CHR7:14207983	SSF x Near_LoA	-11,860301	0,085	0,304
CHR7	14208021	CHR7:14208021	SSF x Near_LoA	-6,40273431	0,168	0,306
CHR7	14208040	CHR7:14208040	SSF x Near_LoA	-11,4739661	-0,012	0,307
CHR7	14213312	CHR7:14213312	SSF x Near_LoA	-9,71162989	-0,006	0,324
CHR7	14213327	CHR7:14213327	SSF x Near_LoA	-8,17551959	0,096	0,305
CHR7	14218459	CHR7:14218459	SSF x Near_LoA	-9,34180455	-0,007	0,306
CHR7	14218467	CHR7:14218467	SSF x Near_LoA	-8,23383166	0,012	0,302
CHR7	14218503	CHR7:14218503	SSF x Near_LoA	-8,42440553	0,024	0,314
CHR7	14218538	CHR7:14218538	SSF x Near_LoA	-9,51575797	0,023	0,311
CHR7	14218553	CHR7:14218553	SSF x Near_LoA	-9,10413702	-0,031	0,311
CHR7	14218676	CHR7:14218676	SSF x Near_LoA	-7,36586333	-0,015	0,291
CHR7	14218677	CHR7:14218677	SSF x Near_LoA	-9,7658851	-0,022	0,305
CHR7	14218685	CHR7:14218685	SSF x Near_LoA	-7,84918227	0,087	0,316
CHR7	14218769	CHR7:14218769	SSF x Near_LoA	-9,20632007	-0,027	0,309
CHR7	14218776	CHR7:14218776	SSF x Near_LoA	-9,54415361	-0,015	0,305
CHR7	1422042	CHR7:1422042	SSF x Near_LoA	-10,5860206	0,080	0,303
CHR7	1422077	CHR7:1422077	SSF x Near_LoA	-10,2278018	0,120	0,299
CHR7	14224861	CHR7:14224861	SSF x Near_LoA	-10,3796678	-0,001	0,312
CHR7	14224938	CHR7:14224938	SSF x Near_LoA	-2,32518128	-0,056	0,313
CHR7	14224949	CHR7:14224949	SSF x Near_LoA	-7,30328515	-0,076	0,306
CHR7	14225007	CHR7:14225007	SSF x Near_LoA	-8,96904271	-0,064	0,306
CHR7	14235087	CHR7:14235087	SSF x Near_LoA	-3,59100816	-0,089	0,304

CHR7	14235255	CHR7:14235255	SSF x Near_LoA	-9,27527521	-0,040	0,300
CHR7	14238292	CHR7:14238292	SSF x Near_LoA	-10,7492778	0,093	0,297
CHR7	14238438	CHR7:14238438	SSF x Near_LoA	-9,28427708	0,038	0,306
CHR7	14238494	CHR7:14238494	SSF x Near_LoA	-8,91163717	0,039	0,308
CHR7	14238551	CHR7:14238551	SSF x Near_LoA	-8,97662802	-0,040	0,295
CHR7	1425236	CHR7:1425236	SSF x Near_LoA	-6,19363084	0,032	0,311
CHR7	1425316	CHR7:1425316	SSF x Near_LoA	-10,7792645	0,028	0,307
CHR7	1425457	CHR7:1425457	SSF x Near_LoA	-8,24580296	0,046	0,324
CHR7	1425601	CHR7:1425601	SSF x Near_LoA	-9,3360062	-0,052	0,317
CHR7	14260935	CHR7:14260935	SSF x Near_LoA	-8,30960514	0,006	0,323
CHR7	14260949	CHR7:14260949	SSF x Near_LoA	-10,2093202	0,035	0,309
CHR7	14260960	CHR7:14260960	SSF x Near_LoA	-10,6676691	0,015	0,303
CHR7	14261012	CHR7:14261012	SSF x Near_LoA	-10,3979192	-0,044	0,321
CHR7	14261021	CHR7:14261021	SSF x Near_LoA	-8,90830166	-0,045	0,308
CHR7	14261031	CHR7:14261031	SSF x Near_LoA	-7,97464332	0,017	0,310
CHR7	14261036	CHR7:14261036	SSF x Near_LoA	-9,50830605	0,113	0,292
CHR7	14261044	CHR7:14261044	SSF x Near_LoA	-9,17890813	-0,114	0,304
CHR7	14261048	CHR7:14261048	SSF x Near_LoA	-11,939135	-0,003	0,303
CHR7	14261134	CHR7:14261134	SSF x Near_LoA	-9,04964088	-0,057	0,306
CHR7	14261143	CHR7:14261143	SSF x Near_LoA	-10,2098661	0,027	0,306
CHR7	14261181	CHR7:14261181	SSF x Near_LoA	-9,24139961	0,048	0,309
CHR7	14261216	CHR7:14261216	SSF x Near_LoA	-11,6729553	-0,012	0,303
CHR7	1427891	CHR7:1427891	SSF x Near_LoA	-7,95125321	-0,033	0,300
CHR7	14279294	CHR7:14279294	SSF x Near_LoA	-7,02221297	-0,074	0,323
CHR7	14279310	CHR7:14279310	SSF x Near_LoA	-9,04292878	0,015	0,314
CHR7	14285068	CHR7:14285068	SSF x Near_LoA	-8,70275775	0,163	0,301
CHR7	14292436	CHR7:14292436	SSF x Near_LoA	-8,54056943	0,066	0,311
CHR7	14292465	CHR7:14292465	SSF x Near_LoA	-10,1211142	0,136	0,302
CHR7	14292548	CHR7:14292548	SSF x Near_LoA	-6,16735254	-0,141	0,300
CHR7	14293433	CHR7:14293433	SSF x Near_LoA	-8,54542829	-0,139	0,307
CHR7	14293464	CHR7:14293464	SSF x Near_LoA	-8,65628666	0,031	0,305
CHR7	14295039	CHR7:14295039	SSF x Near_LoA	-9,86503064	0,081	0,301
CHR7	14295046	CHR7:14295046	SSF x Near_LoA	-5,68813454	-0,129	0,314
CHR7	14295053	CHR7:14295053	SSF x Near_LoA	-9,38291899	-0,081	0,308
CHR7	14295054	CHR7:14295054	SSF x Near_LoA	-8,57916035	-0,081	0,314
CHR7	1430089	CHR7:1430089	SSF x Near_LoA	-7,83765031	0,095	0,302
CHR7	1430134	CHR7:1430134	SSF x Near_LoA	-9,63944199	0,055	0,305
CHR7	1430138	CHR7:1430138	SSF x Near_LoA	-9,67945555	0,001	0,298
CHR7	1430213	CHR7:1430213	SSF x Near_LoA	-8,37840813	-0,028	0,320
CHR7	1430253	CHR7:1430253	SSF x Near_LoA	-8,59271863	0,033	0,297
CHR7	1430303	CHR7:1430303	SSF x Near_LoA	-7,71100853	0,022	0,314
CHR7	1430312	CHR7:1430312	SSF x Near_LoA	-11,2685266	0,061	0,318
CHR7	1430334	CHR7:1430334	SSF x Near_LoA	-6,33234405	0,019	0,326
CHR7	1430337	CHR7:1430337	SSF x Near_LoA	-8,85155403	-0,018	0,312
CHR7	14304624	CHR7:14304624	SSF x Near_LoA	-10,3656924	0,003	0,296
CHR7	14304657	CHR7:14304657	SSF x Near_LoA	-8,95876482	-0,001	0,314
CHR7	14325390	CHR7:14325390	SSF x Near_LoA	-8,06449479	-0,062	0,328
CHR7	14334392	CHR7:14334392	SSF x Near_LoA	-5,84832474	0,063	0,306
CHR7	14337327	CHR7:14337327	SSF x Near_LoA	-8,43351478	-0,077	0,298
CHR7	1434427	CHR7:1434427	SSF x Near_LoA	-8,48819696	0,079	0,310
CHR7	14344396	CHR7:14344396	SSF x Near_LoA	-6,95977826	0,111	0,306
CHR7	1434451	CHR7:1434451	SSF x Near_LoA	-11,3584799	-0,101	0,299
CHR7	14349620	CHR7:14349620	SSF x Near_LoA	-8,1501859	0,057	0,304

CHR7	14349684	CHR7:14349684	SSF x Near_LoA	-10,4071586	-0,080	0,289
CHR7	14349717	CHR7:14349717	SSF x Near_LoA	-9,93485844	0,109	0,303
CHR7	14356844	CHR7:14356844	SSF x Near_LoA	-7,72486784	0,014	0,303
CHR7	14356845	CHR7:14356845	SSF x Near_LoA	-9,27925104	0,049	0,300
CHR7	14367983	CHR7:14367983	SSF x Near_LoA	-6,58807745	0,170	0,290
CHR7	14368171	CHR7:14368171	SSF x Near_LoA	-9,49561544	0,081	0,300
CHR7	14383538	CHR7:14383538	SSF x Near_LoA	-7,45975203	-0,037	0,305
CHR7	14383553	CHR7:14383553	SSF x Near_LoA	-5,27413409	-0,018	0,311
CHR7	14383559	CHR7:14383559	SSF x Near_LoA	-11,1009133	-0,086	0,311
CHR7	14383561	CHR7:14383561	SSF x Near_LoA	-8,07748226	-0,014	0,312
CHR7	14383568	CHR7:14383568	SSF x Near_LoA	-8,69387885	0,017	0,313
CHR7	14387410	CHR7:14387410	SSF x Near_LoA	-8,52424678	-0,075	0,301
CHR7	14387427	CHR7:14387427	SSF x Near_LoA	-8,92532261	0,138	0,293
CHR7	14388291	CHR7:14388291	SSF x Near_LoA	-9,71267745	0,040	0,309
CHR7	14388310	CHR7:14388310	SSF x Near_LoA	-9,42239984	0,058	0,324
CHR7	14394966	CHR7:14394966	SSF x Near_LoA	-8,75312957	0,027	0,321
CHR7	14396431	CHR7:14396431	SSF x Near_LoA	-7,73708406	0,102	0,309
CHR7	14396511	CHR7:14396511	SSF x Near_LoA	-9,3803307	-0,002	0,322
CHR7	14396526	CHR7:14396526	SSF x Near_LoA	-11,7791897	0,069	0,302
CHR7	14396559	CHR7:14396559	SSF x Near_LoA	-4,24223928	0,027	0,317
CHR7	14396585	CHR7:14396585	SSF x Near_LoA	-9,97407477	-0,032	0,311
CHR7	14396603	CHR7:14396603	SSF x Near_LoA	-0,73537258	-0,018	0,314
CHR7	14396605	CHR7:14396605	SSF x Near_LoA	-10,2130613	-0,018	0,309
CHR7	14396625	CHR7:14396625	SSF x Near_LoA	-10,9001042	-0,026	0,320
CHR7	14396659	CHR7:14396659	SSF x Near_LoA	-9,54780565	0,073	0,302
CHR7	14401470	CHR7:14401470	SSF x Near_LoA	-5,20380461	-0,151	0,284
CHR7	14410203	CHR7:14410203	SSF x Near_LoA	-10,7866956	0,008	0,315
CHR7	14417628	CHR7:14417628	SSF x Near_LoA	-10,456983	0,041	0,292
CHR7	14417647	CHR7:14417647	SSF x Near_LoA	-10,7582069	0,047	0,308
CHR7	14417649	CHR7:14417649	SSF x Near_LoA	-10,8250662	0,040	0,303
CHR7	14417653	CHR7:14417653	SSF x Near_LoA	-10,6903498	0,061	0,305
CHR7	14417768	CHR7:14417768	SSF x Near_LoA	-12,1843889	-0,001	0,304
CHR7	14417819	CHR7:14417819	SSF x Near_LoA	-8,43858638	-0,018	0,309
CHR7	14417831	CHR7:14417831	SSF x Near_LoA	-8,20733309	-0,025	0,308
CHR7	14417948	CHR7:14417948	SSF x Near_LoA	-11,4984108	0,015	0,300
CHR7	14417959	CHR7:14417959	SSF x Near_LoA	-9,82072488	0,043	0,302
CHR7	14424844	CHR7:14424844	SSF x Near_LoA	-7,72312785	0,112	0,314
CHR7	14424868	CHR7:14424868	SSF x Near_LoA	-9,69869206	0,105	0,314
CHR7	1443435	CHR7:1443435	SSF x Near_LoA	-9,82108213	-0,015	0,301
CHR7	1443436	CHR7:1443436	SSF x Near_LoA	-9,12200961	0,071	0,319
CHR7	1443483	CHR7:1443483	SSF x Near_LoA	-9,50982987	-0,051	0,304
CHR7	1443503	CHR7:1443503	SSF x Near_LoA	-9,72158364	0,088	0,297
CHR7	14439838	CHR7:14439838	SSF x Near_LoA	-8,09612555	0,038	0,316
CHR7	14439857	CHR7:14439857	SSF x Near_LoA	-8,83193586	0,044	0,321
CHR7	14439878	CHR7:14439878	SSF x Near_LoA	-10,0032749	0,028	0,312
CHR7	14439879	CHR7:14439879	SSF x Near_LoA	-11,7808579	-0,093	0,295
CHR7	14439919	CHR7:14439919	SSF x Near_LoA	-9,35863349	-0,065	0,297
CHR7	14439949	CHR7:14439949	SSF x Near_LoA	-6,2837216	-0,008	0,308
CHR7	14439951	CHR7:14439951	SSF x Near_LoA	-7,89930989	0,120	0,294
CHR7	14439956	CHR7:14439956	SSF x Near_LoA	-7,91540726	0,116	0,292
CHR7	14439960	CHR7:14439960	SSF x Near_LoA	-8,04938549	0,091	0,295
CHR7	14439989	CHR7:14439989	SSF x Near_LoA	-8,94172356	0,080	0,302
CHR7	14440005	CHR7:14440005	SSF x Near_LoA	-7,80271034	-0,007	0,321

CHR7	14440021	CHR7:14440021	SSF x Near_LoA	-8,70572476	0,145	0,297
CHR7	14440063	CHR7:14440063	SSF x Near_LoA	-10,5675907	0,036	0,301
CHR7	14443631	CHR7:14443631	SSF x Near_LoA	-8,55973144	0,016	0,298
CHR7	14444730	CHR7:14444730	SSF x Near_LoA	-9,98698273	-0,055	0,320
CHR7	14444831	CHR7:14444831	SSF x Near_LoA	-10,7567595	0,128	0,301
CHR7	14453430	CHR7:14453430	SSF x Near_LoA	-10,5591887	-0,071	0,308
CHR7	14453520	CHR7:14453520	SSF x Near_LoA	-8,88507562	0,025	0,314
CHR7	1446862	CHR7:1446862	SSF x Near_LoA	-6,90548125	-0,173	0,289
CHR7	14473483	CHR7:14473483	SSF x Near_LoA	-7,91680612	-0,115	0,305
CHR7	14486738	CHR7:14486738	SSF x Near_LoA	-9,82249594	0,012	0,306
CHR7	1449581	CHR7:1449581	SSF x Near_LoA	-11,0779742	0,030	0,302
CHR7	1450537	CHR7:1450537	SSF x Near_LoA	-10,7731974	-0,053	0,300
CHR7	14506245	CHR7:14506245	SSF x Near_LoA	-10,3692762	-0,022	0,308
CHR7	14506274	CHR7:14506274	SSF x Near_LoA	-7,66622652	0,101	0,301
CHR7	14506314	CHR7:14506314	SSF x Near_LoA	-7,93079241	0,098	0,291
CHR7	14518340	CHR7:14518340	SSF x Near_LoA	-10,26453	-0,066	0,305
CHR7	14518388	CHR7:14518388	SSF x Near_LoA	-7,02480863	-0,047	0,308
CHR7	1451996	CHR7:1451996	SSF x Near_LoA	-11,0422744	0,077	0,307
CHR7	14527761	CHR7:14527761	SSF x Near_LoA	-9,82693878	-0,045	0,307
CHR7	14527805	CHR7:14527805	SSF x Near_LoA	-8,14265156	-0,040	0,304
CHR7	14527808	CHR7:14527808	SSF x Near_LoA	-11,5996839	0,091	0,291
CHR7	14527946	CHR7:14527946	SSF x Near_LoA	-7,83333314	-0,057	0,297
CHR7	14530651	CHR7:14530651	SSF x Near_LoA	-8,20141284	0,024	0,301
CHR7	14533074	CHR7:14533074	SSF x Near_LoA	-6,50340744	0,131	0,306
CHR7	14533085	CHR7:14533085	SSF x Near_LoA	-7,16151419	0,136	0,310
CHR7	14533100	CHR7:14533100	SSF x Near_LoA	-5,53218381	0,167	0,301
CHR7	14536565	CHR7:14536565	SSF x Near_LoA	-6,63517356	0,060	0,307
CHR7	14536634	CHR7:14536634	SSF x Near_LoA	-7,52226323	0,077	0,317
CHR7	14536664	CHR7:14536664	SSF x Near_LoA	-8,2751449	0,104	0,316
CHR7	14536668	CHR7:14536668	SSF x Near_LoA	-7,99755879	-0,131	0,302
CHR7	14536679	CHR7:14536679	SSF x Near_LoA	-8,44819369	0,042	0,304
CHR7	14538476	CHR7:14538476	SSF x Near_LoA	-9,74045339	-0,057	0,316
CHR7	14542363	CHR7:14542363	SSF x Near_LoA	-10,1554284	-0,065	0,298
CHR7	14542439	CHR7:14542439	SSF x Near_LoA	-9,95742316	-0,075	0,301
CHR7	14552875	CHR7:14552875	SSF x Near_LoA	-7,70939958	-0,068	0,302
CHR7	14552928	CHR7:14552928	SSF x Near_LoA	-11,1185819	-0,018	0,300
CHR7	14552972	CHR7:14552972	SSF x Near_LoA	-10,9475544	0,014	0,301
CHR7	14565049	CHR7:14565049	SSF x Near_LoA	-7,1434251	0,077	0,304
CHR7	14565088	CHR7:14565088	SSF x Near_LoA	-8,46856935	0,060	0,311
CHR7	14565162	CHR7:14565162	SSF x Near_LoA	-9,20238978	-0,112	0,306
CHR7	14565168	CHR7:14565168	SSF x Near_LoA	-7,52910284	0,131	0,304
CHR7	14565177	CHR7:14565177	SSF x Near_LoA	-10,3325279	0,119	0,302
CHR7	14565187	CHR7:14565187	SSF x Near_LoA	-9,30338158	-0,135	0,316
CHR7	14569291	CHR7:14569291	SSF x Near_LoA	-7,00431583	0,077	0,322
CHR7	14569394	CHR7:14569394	SSF x Near_LoA	-9,84953178	0,006	0,307
CHR7	14569469	CHR7:14569469	SSF x Near_LoA	-9,15563458	0,053	0,308
CHR7	1457019	CHR7:1457019	SSF x Near_LoA	-12,2455445	0,028	0,301
CHR7	14572113	CHR7:14572113	SSF x Near_LoA	-9,58166719	0,000	0,311
CHR7	14572142	CHR7:14572142	SSF x Near_LoA	-8,5036239	-0,031	0,309
CHR7	14572217	CHR7:14572217	SSF x Near_LoA	-7,67485387	0,053	0,304
CHR7	14576518	CHR7:14576518	SSF x Near_LoA	-8,00294362	0,004	0,320
CHR7	14576546	CHR7:14576546	SSF x Near_LoA	-8,25549306	0,019	0,314
CHR7	14576570	CHR7:14576570	SSF x Near_LoA	-8,0611838	0,052	0,304

CHR7	14576585	CHR7:14576585	SSF x Near_LoA	-9,2598201	0,034	0,304
CHR7	14581410	CHR7:14581410	SSF x Near_LoA	-8,12536574	0,091	0,298
CHR7	14581412	CHR7:14581412	SSF x Near_LoA	-6,29904193	0,104	0,316
CHR7	14581415	CHR7:14581415	SSF x Near_LoA	-11,4728001	-0,086	0,307
CHR7	14581430	CHR7:14581430	SSF x Near_LoA	-12,0259551	-0,003	0,288
CHR7	14581505	CHR7:14581505	SSF x Near_LoA	-9,2649441	-0,006	0,295
CHR7	14581573	CHR7:14581573	SSF x Near_LoA	-9,34349648	0,020	0,304
CHR7	14581599	CHR7:14581599	SSF x Near_LoA	-8,81098191	0,001	0,320
CHR7	14581600	CHR7:14581600	SSF x Near_LoA	-9,21603209	-0,035	0,301
CHR7	14581626	CHR7:14581626	SSF x Near_LoA	-9,92322608	-0,002	0,296
CHR7	14581628	CHR7:14581628	SSF x Near_LoA	-9,06472835	-0,018	0,320
CHR7	14581664	CHR7:14581664	SSF x Near_LoA	-8,61083642	-0,020	0,308
CHR7	14593448	CHR7:14593448	SSF x Near_LoA	-10,9021889	0,125	0,285
CHR7	14593460	CHR7:14593460	SSF x Near_LoA	-7,92368748	0,116	0,303
CHR7	14593489	CHR7:14593489	SSF x Near_LoA	-6,31285453	-0,038	0,321
CHR7	14593516	CHR7:14593516	SSF x Near_LoA	-9,25508751	0,111	0,302
CHR7	1459918	CHR7:1459918	SSF x Near_LoA	-7,41040564	0,072	0,310
CHR7	1459920	CHR7:1459920	SSF x Near_LoA	-8,89007946	0,064	0,309
CHR7	1460021	CHR7:1460021	SSF x Near_LoA	-9,58997587	-0,009	0,299
CHR7	14602912	CHR7:14602912	SSF x Near_LoA	0,67770198	-0,150	0,302
CHR7	14603043	CHR7:14603043	SSF x Near_LoA	-9,11778968	0,067	0,309
CHR7	14611826	CHR7:14611826	SSF x Near_LoA	-9,74091544	-0,020	0,313
CHR7	14611894	CHR7:14611894	SSF x Near_LoA	-10,1495097	0,050	0,304
CHR7	14630119	CHR7:14630119	SSF x Near_LoA	-11,4824472	0,040	0,312
CHR7	1463073	CHR7:1463073	SSF x Near_LoA	-6,68697729	-0,138	0,315
CHR7	1463074	CHR7:1463074	SSF x Near_LoA	-6,81644832	-0,121	0,298
CHR7	1463092	CHR7:1463092	SSF x Near_LoA	-11,2533837	0,008	0,317
CHR7	14633441	CHR7:14633441	SSF x Near_LoA	-8,08614255	0,053	0,302
CHR7	14633461	CHR7:14633461	SSF x Near_LoA	-6,64428063	0,076	0,320
CHR7	14633498	CHR7:14633498	SSF x Near_LoA	-8,21074099	-0,127	0,305
CHR7	14637613	CHR7:14637613	SSF x Near_LoA	-8,23272114	0,050	0,300
CHR7	14637674	CHR7:14637674	SSF x Near_LoA	-9,22996173	0,027	0,312
CHR7	14640047	CHR7:14640047	SSF x Near_LoA	-7,77408699	-0,177	0,294
CHR7	14644010	CHR7:14644010	SSF x Near_LoA	-9,34870847	-0,021	0,317
CHR7	14644066	CHR7:14644066	SSF x Near_LoA	-10,9842516	-0,129	0,295
CHR7	14646911	CHR7:14646911	SSF x Near_LoA	-8,87835972	-0,072	0,294
CHR7	14646915	CHR7:14646915	SSF x Near_LoA	-9,79966205	-0,082	0,310
CHR7	14656677	CHR7:14656677	SSF x Near_LoA	-3,4049965	-0,031	0,298
CHR7	14656709	CHR7:14656709	SSF x Near_LoA	-9,15500224	0,017	0,310
CHR7	14656785	CHR7:14656785	SSF x Near_LoA	-4,38965369	-0,045	0,291
CHR7	14661988	CHR7:14661988	SSF x Near_LoA	-10,0507661	0,040	0,310
CHR7	14672398	CHR7:14672398	SSF x Near_LoA	-9,40663885	-0,037	0,303
CHR7	14672424	CHR7:14672424	SSF x Near_LoA	-8,89720253	0,047	0,299
CHR7	14672431	CHR7:14672431	SSF x Near_LoA	-7,66506345	0,091	0,315
CHR7	14672470	CHR7:14672470	SSF x Near_LoA	-10,7955674	0,017	0,304
CHR7	14672559	CHR7:14672559	SSF x Near_LoA	-8,22018263	-0,013	0,323
CHR7	14672608	CHR7:14672608	SSF x Near_LoA	-7,39855222	0,176	0,301
CHR7	14677638	CHR7:14677638	SSF x Near_LoA	-7,07725487	0,069	0,301
CHR7	14679490	CHR7:14679490	SSF x Near_LoA	-7,65068928	-0,140	0,302
CHR7	14679554	CHR7:14679554	SSF x Near_LoA	-9,95126046	0,003	0,307
CHR7	14679564	CHR7:14679564	SSF x Near_LoA	-7,49277776	0,174	0,301
CHR7	14683867	CHR7:14683867	SSF x Near_LoA	-8,42710239	0,040	0,303
CHR7	14683869	CHR7:14683869	SSF x Near_LoA	-10,574674	0,026	0,295

CHR7	14683920	CHR7:14683920	SSF x Near_LoA	-9,04845939	-0,040	0,306
CHR7	14683935	CHR7:14683935	SSF x Near_LoA	-7,92762122	-0,156	0,300
CHR7	14683941	CHR7:14683941	SSF x Near_LoA	-4,62361749	-0,171	0,318
CHR7	14683947	CHR7:14683947	SSF x Near_LoA	-5,67585843	-0,143	0,305
CHR7	14683949	CHR7:14683949	SSF x Near_LoA	-7,07781799	-0,125	0,309
CHR7	14684047	CHR7:14684047	SSF x Near_LoA	-9,52353311	0,169	0,305
CHR7	14684051	CHR7:14684051	SSF x Near_LoA	-8,12990175	0,186	0,302
CHR7	14684080	CHR7:14684080	SSF x Near_LoA	-8,33816493	-0,007	0,291
CHR7	14684107	CHR7:14684107	SSF x Near_LoA	-11,4950882	0,036	0,309
CHR7	14686164	CHR7:14686164	SSF x Near_LoA	-5,72112705	0,129	0,309
CHR7	14686176	CHR7:14686176	SSF x Near_LoA	-9,90788864	-0,012	0,291
CHR7	14686192	CHR7:14686192	SSF x Near_LoA	-6,70148916	-0,154	0,314
CHR7	14686423	CHR7:14686423	SSF x Near_LoA	-10,6522686	0,029	0,323
CHR7	14695666	CHR7:14695666	SSF x Near_LoA	-9,25330298	0,139	0,301
CHR7	14695757	CHR7:14695757	SSF x Near_LoA	-9,84411779	0,034	0,304
CHR7	14695801	CHR7:14695801	SSF x Near_LoA	-12,0720314	-0,013	0,301
CHR7	14695838	CHR7:14695838	SSF x Near_LoA	-8,92702478	0,003	0,308
CHR7	14695863	CHR7:14695863	SSF x Near_LoA	-6,92064828	-0,100	0,322
CHR7	14703173	CHR7:14703173	SSF x Near_LoA	-7,76843549	0,077	0,317
CHR7	14703215	CHR7:14703215	SSF x Near_LoA	-9,65274732	0,113	0,301
CHR7	14703223	CHR7:14703223	SSF x Near_LoA	-10,2742348	0,023	0,318
CHR7	14727369	CHR7:14727369	SSF x Near_LoA	-11,1063146	0,047	0,316
CHR7	14735116	CHR7:14735116	SSF x Near_LoA	-9,83762019	0,008	0,315
CHR7	14735139	CHR7:14735139	SSF x Near_LoA	-10,7525717	0,089	0,299
CHR7	14753254	CHR7:14753254	SSF x Near_LoA	-11,1386342	0,024	0,313
CHR7	14753296	CHR7:14753296	SSF x Near_LoA	-3,99352779	-0,179	0,308
CHR7	14753307	CHR7:14753307	SSF x Near_LoA	-9,11066236	0,047	0,314
CHR7	14756896	CHR7:14756896	SSF x Near_LoA	-9,48843003	0,020	0,309
CHR7	14756903	CHR7:14756903	SSF x Near_LoA	-10,0719728	-0,070	0,293
CHR7	14756987	CHR7:14756987	SSF x Near_LoA	-7,10750248	-0,002	0,298
CHR7	14757083	CHR7:14757083	SSF x Near_LoA	-8,03536882	0,106	0,299
CHR7	14757095	CHR7:14757095	SSF x Near_LoA	-7,67434542	-0,114	0,295
CHR7	14757914	CHR7:14757914	SSF x Near_LoA	-9,18972334	0,040	0,327
CHR7	14767987	CHR7:14767987	SSF x Near_LoA	-7,87727955	0,002	0,311
CHR7	14768047	CHR7:14768047	SSF x Near_LoA	-3,73871427	-0,096	0,304
CHR7	14775145	CHR7:14775145	SSF x Near_LoA	-9,6950753	-0,094	0,307
CHR7	14775219	CHR7:14775219	SSF x Near_LoA	-2,87961792	-0,131	0,300
CHR7	14775285	CHR7:14775285	SSF x Near_LoA	-11,5052777	0,035	0,311
CHR7	14781506	CHR7:14781506	SSF x Near_LoA	-3,88722541	-0,029	0,302
CHR7	14781507	CHR7:14781507	SSF x Near_LoA	-6,73769406	-0,043	0,306
CHR7	14781533	CHR7:14781533	SSF x Near_LoA	-9,13100035	0,051	0,301
CHR7	14781558	CHR7:14781558	SSF x Near_LoA	-7,09507555	-0,158	0,295
CHR7	14781660	CHR7:14781660	SSF x Near_LoA	-9,19824082	0,100	0,294
CHR7	14786043	CHR7:14786043	SSF x Near_LoA	-10,828321	0,026	0,296
CHR7	14786051	CHR7:14786051	SSF x Near_LoA	-6,73315149	0,005	0,309
CHR7	14786057	CHR7:14786057	SSF x Near_LoA	-7,9247777	-0,086	0,308
CHR7	14786074	CHR7:14786074	SSF x Near_LoA	-7,76785184	0,015	0,310
CHR7	14786228	CHR7:14786228	SSF x Near_LoA	-10,4584794	0,045	0,302
CHR7	14809771	CHR7:14809771	SSF x Near_LoA	-10,6258481	-0,045	0,316
CHR7	14809776	CHR7:14809776	SSF x Near_LoA	-10,5424792	-0,008	0,315
CHR7	14809828	CHR7:14809828	SSF x Near_LoA	-10,0142541	-0,052	0,309
CHR7	14830391	CHR7:14830391	SSF x Near_LoA	-10,2759988	0,134	0,296
CHR7	14830473	CHR7:14830473	SSF x Near_LoA	1,44439987	0,207	0,288

CHR7	14830534	CHR7:14830534	SSF x Near_LoA	-11,2112985	-0,083	0,312
CHR7	14835362	CHR7:14835362	SSF x Near_LoA	-11,4632309	-0,072	0,313
CHR7	14835528	CHR7:14835528	SSF x Near_LoA	-9,86209282	0,047	0,303
CHR7	14835531	CHR7:14835531	SSF x Near_LoA	-9,96631707	-0,002	0,310
CHR7	14835552	CHR7:14835552	SSF x Near_LoA	-3,30590196	-0,226	0,291
CHR7	14835573	CHR7:14835573	SSF x Near_LoA	-6,11823855	0,126	0,308
CHR7	14836310	CHR7:14836310	SSF x Near_LoA	-9,98838289	0,013	0,307
CHR7	14836358	CHR7:14836358	SSF x Near_LoA	-11,1066182	0,089	0,287
CHR7	14844624	CHR7:14844624	SSF x Near_LoA	-10,9903357	-0,030	0,312
CHR7	14844669	CHR7:14844669	SSF x Near_LoA	-9,99090953	0,103	0,314
CHR7	14844756	CHR7:14844756	SSF x Near_LoA	-8,62262374	-0,168	0,310
CHR7	14844827	CHR7:14844827	SSF x Near_LoA	-10,1175114	0,006	0,323
CHR7	14846812	CHR7:14846812	SSF x Near_LoA	-8,60374393	0,033	0,298
CHR7	14847525	CHR7:14847525	SSF x Near_LoA	-12,4977372	0,011	0,299
CHR7	14851442	CHR7:14851442	SSF x Near_LoA	-10,7847131	0,083	0,302
CHR7	14851590	CHR7:14851590	SSF x Near_LoA	-7,42344826	-0,057	0,314
CHR7	14851680	CHR7:14851680	SSF x Near_LoA	-9,68569492	-0,017	0,310
CHR7	14851723	CHR7:14851723	SSF x Near_LoA	-10,8492556	0,051	0,305
CHR7	14851735	CHR7:14851735	SSF x Near_LoA	-9,5363911	-0,017	0,309
CHR7	14851737	CHR7:14851737	SSF x Near_LoA	-10,446381	-0,092	0,301
CHR7	1486823	CHR7:1486823	SSF x Near_LoA	-8,57780667	-0,023	0,315
CHR7	1486851	CHR7:1486851	SSF x Near_LoA	-10,6145923	0,120	0,312
CHR7	1486864	CHR7:1486864	SSF x Near_LoA	-9,97125513	-0,045	0,293
CHR7	14869110	CHR7:14869110	SSF x Near_LoA	-7,82185725	0,029	0,314
CHR7	14869222	CHR7:14869222	SSF x Near_LoA	-9,25056282	0,040	0,301
CHR7	14872115	CHR7:14872115	SSF x Near_LoA	7,88842766	-0,134	0,306
CHR7	14872184	CHR7:14872184	SSF x Near_LoA	-4,60858998	-0,122	0,303
CHR7	14884285	CHR7:14884285	SSF x Near_LoA	-8,39396561	-0,091	0,306
CHR7	14898099	CHR7:14898099	SSF x Near_LoA	-4,85776882	-0,206	0,303
CHR7	14898152	CHR7:14898152	SSF x Near_LoA	-11,095996	0,064	0,306
CHR7	14898155	CHR7:14898155	SSF x Near_LoA	-7,61300768	0,146	0,299
CHR7	14898160	CHR7:14898160	SSF x Near_LoA	-7,52101291	-0,062	0,313
CHR7	14898164	CHR7:14898164	SSF x Near_LoA	-8,14234047	0,094	0,311
CHR7	14898181	CHR7:14898181	SSF x Near_LoA	-5,81002556	0,117	0,307
CHR7	14898184	CHR7:14898184	SSF x Near_LoA	-8,23376214	0,073	0,320
CHR7	1490131	CHR7:1490131	SSF x Near_LoA	-6,78673123	-0,031	0,295
CHR7	1490172	CHR7:1490172	SSF x Near_LoA	-9,57056378	-0,059	0,317
CHR7	1490173	CHR7:1490173	SSF x Near_LoA	-11,2080065	-0,055	0,317
CHR7	1490180	CHR7:1490180	SSF x Near_LoA	-10,8335629	-0,090	0,308
CHR7	1490196	CHR7:1490196	SSF x Near_LoA	-6,94673137	-0,101	0,315
CHR7	14905727	CHR7:14905727	SSF x Near_LoA	-11,6785657	-0,011	0,308
CHR7	14906519	CHR7:14906519	SSF x Near_LoA	1,25402364	0,008	0,307
CHR7	14906591	CHR7:14906591	SSF x Near_LoA	-8,65760005	-0,057	0,317
CHR7	14906676	CHR7:14906676	SSF x Near_LoA	-7,28479613	0,127	0,305
CHR7	14906689	CHR7:14906689	SSF x Near_LoA	-8,57755266	-0,066	0,316
CHR7	14909590	CHR7:14909590	SSF x Near_LoA	-4,90294835	0,132	0,306
CHR7	14909599	CHR7:14909599	SSF x Near_LoA	-3,77714373	0,133	0,294
CHR7	14909644	CHR7:14909644	SSF x Near_LoA	-11,7832689	-0,044	0,312
CHR7	14909703	CHR7:14909703	SSF x Near_LoA	-9,95504759	-0,062	0,303
CHR7	14909729	CHR7:14909729	SSF x Near_LoA	-9,74721975	0,060	0,304
CHR7	14909750	CHR7:14909750	SSF x Near_LoA	-10,3201962	-0,014	0,315
CHR7	14909771	CHR7:14909771	SSF x Near_LoA	-9,36545449	0,031	0,309
CHR7	14909821	CHR7:14909821	SSF x Near_LoA	-8,62571062	-0,004	0,296

CHR7	14909822	CHR7:14909822	SSF x Near_LoA	-6,76888579	0,028	0,307
CHR7	14909853	CHR7:14909853	SSF x Near_LoA	-8,98686257	0,045	0,293
CHR7	1491268	CHR7:1491268	SSF x Near_LoA	-6,63804323	-0,057	0,299
CHR7	14915362	CHR7:14915362	SSF x Near_LoA	-7,74855121	0,080	0,313
CHR7	14915530	CHR7:14915530	SSF x Near_LoA	-8,34682754	-0,061	0,300
CHR7	14917851	CHR7:14917851	SSF x Near_LoA	-10,9807113	-0,013	0,293
CHR7	14917852	CHR7:14917852	SSF x Near_LoA	-10,5445508	-0,005	0,311
CHR7	14918044	CHR7:14918044	SSF x Near_LoA	-9,53128659	0,028	0,302
CHR7	14919112	CHR7:14919112	SSF x Near_LoA	-9,79267655	-0,126	0,281
CHR7	14926110	CHR7:14926110	SSF x Near_LoA	-9,02581437	-0,042	0,302
CHR7	14926132	CHR7:14926132	SSF x Near_LoA	-11,5987965	-0,016	0,306
CHR7	14926144	CHR7:14926144	SSF x Near_LoA	-7,70086767	-0,034	0,306
CHR7	14926151	CHR7:14926151	SSF x Near_LoA	-9,01804033	-0,070	0,316
CHR7	14926174	CHR7:14926174	SSF x Near_LoA	-8,32427066	0,101	0,320
CHR7	14926184	CHR7:14926184	SSF x Near_LoA	-10,380968	-0,023	0,311
CHR7	14926194	CHR7:14926194	SSF x Near_LoA	-5,54530947	-0,020	0,304
CHR7	14926237	CHR7:14926237	SSF x Near_LoA	-7,52537438	-0,050	0,301
CHR7	1492702	CHR7:1492702	SSF x Near_LoA	-10,2734693	0,053	0,292
CHR7	1492774	CHR7:1492774	SSF x Near_LoA	-9,93213382	0,044	0,302
CHR7	14929037	CHR7:14929037	SSF x Near_LoA	-8,4030379	-0,016	0,300
CHR7	14929133	CHR7:14929133	SSF x Near_LoA	-7,1998334	-0,145	0,298
CHR7	1492988	CHR7:1492988	SSF x Near_LoA	-9,32768726	-0,018	0,306
CHR7	14931020	CHR7:14931020	SSF x Near_LoA	-8,95098938	-0,060	0,317
CHR7	1493116	CHR7:1493116	SSF x Near_LoA	-9,24560649	-0,109	0,321
CHR7	14939174	CHR7:14939174	SSF x Near_LoA	-8,84972282	0,002	0,320
CHR7	14942063	CHR7:14942063	SSF x Near_LoA	-10,0032196	-0,082	0,316
CHR7	14942143	CHR7:14942143	SSF x Near_LoA	-9,47326158	0,034	0,324
CHR7	14942213	CHR7:14942213	SSF x Near_LoA	-6,41342432	-0,135	0,300
CHR7	14942227	CHR7:14942227	SSF x Near_LoA	-8,34863787	0,046	0,305
CHR7	14952954	CHR7:14952954	SSF x Near_LoA	-5,96842436	-0,118	0,308
CHR7	14952998	CHR7:14952998	SSF x Near_LoA	-6,19329888	-0,167	0,306
CHR7	1497134	CHR7:1497134	SSF x Near_LoA	-8,97333396	0,038	0,317
CHR7	1497146	CHR7:1497146	SSF x Near_LoA	-10,6284861	0,073	0,310
CHR7	1497171	CHR7:1497171	SSF x Near_LoA	-10,1369504	-0,017	0,300
CHR7	1497200	CHR7:1497200	SSF x Near_LoA	-7,7342916	0,001	0,301
CHR7	1497230	CHR7:1497230	SSF x Near_LoA	-7,72994016	0,082	0,302
CHR7	1497311	CHR7:1497311	SSF x Near_LoA	-10,7648798	0,034	0,303
CHR7	14977067	CHR7:14977067	SSF x Near_LoA	-11,4370181	0,033	0,301
CHR7	14984984	CHR7:14984984	SSF x Near_LoA	-3,55904542	-0,184	0,287
CHR7	14987292	CHR7:14987292	SSF x Near_LoA	-8,44564488	0,072	0,306
CHR7	14987379	CHR7:14987379	SSF x Near_LoA	-8,97603824	0,094	0,288
CHR7	14989482	CHR7:14989482	SSF x Near_LoA	-11,7243641	0,026	0,313
CHR7	14989550	CHR7:14989550	SSF x Near_LoA	-10,5840136	0,050	0,303
CHR7	14989551	CHR7:14989551	SSF x Near_LoA	-10,094666	0,071	0,309
CHR7	14992924	CHR7:14992924	SSF x Near_LoA	-9,05529825	0,068	0,313
CHR7	14993113	CHR7:14993113	SSF x Near_LoA	-11,4122599	-0,046	0,308
CHR7	15003800	CHR7:15003800	SSF x Near_LoA	-9,51089398	-0,030	0,304
CHR7	15003822	CHR7:15003822	SSF x Near_LoA	-11,6346234	0,037	0,300
CHR7	15006468	CHR7:15006468	SSF x Near_LoA	-9,77473188	0,128	0,290
CHR7	15012320	CHR7:15012320	SSF x Near_LoA	-11,0634655	-0,024	0,297
CHR7	15015527	CHR7:15015527	SSF x Near_LoA	-8,61317384	-0,050	0,306
CHR7	15018021	CHR7:15018021	SSF x Near_LoA	-9,02227115	-0,022	0,312
CHR7	15018037	CHR7:15018037	SSF x Near_LoA	-9,14688862	0,073	0,306

CHR7	15018040	CHR7:15018040	SSF x Near_LoA	-9,44711287	0,036	0,309
CHR7	15018059	CHR7:15018059	SSF x Near_LoA	-9,59229305	-0,039	0,314
CHR7	15018095	CHR7:15018095	SSF x Near_LoA	-9,11363063	0,004	0,297
CHR7	15018131	CHR7:15018131	SSF x Near_LoA	-10,8782745	-0,040	0,310
CHR7	15018871	CHR7:15018871	SSF x Near_LoA	-7,58012937	-0,018	0,307
CHR7	15018917	CHR7:15018917	SSF x Near_LoA	-11,8346055	-0,029	0,320
CHR7	15025294	CHR7:15025294	SSF x Near_LoA	-9,7496478	0,032	0,309
CHR7	15025305	CHR7:15025305	SSF x Near_LoA	-8,46658811	0,045	0,322
CHR7	15025397	CHR7:15025397	SSF x Near_LoA	-8,74943848	0,126	0,313
CHR7	15034362	CHR7:15034362	SSF x Near_LoA	-10,7900773	-0,059	0,310
CHR7	15034389	CHR7:15034389	SSF x Near_LoA	-9,46516488	0,007	0,294
CHR7	15036685	CHR7:15036685	SSF x Near_LoA	-8,42920469	-0,054	0,310
CHR7	15056402	CHR7:15056402	SSF x Near_LoA	-10,4111261	-0,136	0,302
CHR7	15057233	CHR7:15057233	SSF x Near_LoA	-7,46462019	-0,096	0,313
CHR7	15057305	CHR7:15057305	SSF x Near_LoA	-11,4667056	-0,053	0,313
CHR7	15060842	CHR7:15060842	SSF x Near_LoA	-9,21445262	0,046	0,303
CHR7	15060892	CHR7:15060892	SSF x Near_LoA	-8,62815523	0,001	0,313
CHR7	15060894	CHR7:15060894	SSF x Near_LoA	-10,6289658	0,028	0,298
CHR7	15060916	CHR7:15060916	SSF x Near_LoA	-10,2888205	0,030	0,312
CHR7	15061027	CHR7:15061027	SSF x Near_LoA	-7,5776982	-0,100	0,301
CHR7	15061091	CHR7:15061091	SSF x Near_LoA	-8,91957333	-0,100	0,309
CHR7	15073543	CHR7:15073543	SSF x Near_LoA	-9,58397185	-0,041	0,315
CHR7	15077835	CHR7:15077835	SSF x Near_LoA	-9,71349559	-0,115	0,310
CHR7	15080689	CHR7:15080689	SSF x Near_LoA	-10,9136502	-0,040	0,299
CHR7	15080806	CHR7:15080806	SSF x Near_LoA	-7,71065668	-0,161	0,277
CHR7	15083607	CHR7:15083607	SSF x Near_LoA	-10,733073	0,091	0,300
CHR7	15083617	CHR7:15083617	SSF x Near_LoA	-6,44610892	-0,075	0,302
CHR7	15083641	CHR7:15083641	SSF x Near_LoA	-8,24141772	-0,010	0,305
CHR7	15083664	CHR7:15083664	SSF x Near_LoA	-8,40848457	-0,101	0,312
CHR7	15083685	CHR7:15083685	SSF x Near_LoA	-9,11028063	-0,049	0,295
CHR7	15083699	CHR7:15083699	SSF x Near_LoA	-7,87051682	0,047	0,299
CHR7	15092462	CHR7:15092462	SSF x Near_LoA	-11,0332954	0,098	0,301
CHR7	15092495	CHR7:15092495	SSF x Near_LoA	-6,06962594	0,019	0,311
CHR7	15092502	CHR7:15092502	SSF x Near_LoA	-10,6449174	0,044	0,316
CHR7	15092681	CHR7:15092681	SSF x Near_LoA	-8,40233368	0,015	0,324
CHR7	15096676	CHR7:15096676	SSF x Near_LoA	-10,4065109	0,041	0,312
CHR7	15096776	CHR7:15096776	SSF x Near_LoA	-11,1620288	0,071	0,300
CHR7	15096847	CHR7:15096847	SSF x Near_LoA	-9,39245198	-0,061	0,314
CHR7	15098228	CHR7:15098228	SSF x Near_LoA	-9,57083045	0,067	0,314
CHR7	1510253	CHR7:1510253	SSF x Near_LoA	-8,9842693	0,099	0,285
CHR7	1510265	CHR7:1510265	SSF x Near_LoA	-8,8116042	0,092	0,303
CHR7	1510347	CHR7:1510347	SSF x Near_LoA	-11,7667173	0,029	0,308
CHR7	15104656	CHR7:15104656	SSF x Near_LoA	-7,27011274	0,035	0,318
CHR7	15116016	CHR7:15116016	SSF x Near_LoA	-2,87340142	0,035	0,323
CHR7	15116017	CHR7:15116017	SSF x Near_LoA	-8,48624736	0,082	0,321
CHR7	15116043	CHR7:15116043	SSF x Near_LoA	-10,4929355	-0,040	0,311
CHR7	15120288	CHR7:15120288	SSF x Near_LoA	-7,99606999	0,162	0,312
CHR7	15120419	CHR7:15120419	SSF x Near_LoA	-4,78702656	-0,183	0,282
CHR7	15120481	CHR7:15120481	SSF x Near_LoA	-5,91800195	-0,152	0,309
CHR7	15127099	CHR7:15127099	SSF x Near_LoA	-0,98552696	0,097	0,302
CHR7	15127104	CHR7:15127104	SSF x Near_LoA	-9,87882859	-0,021	0,313
CHR7	15129008	CHR7:15129008	SSF x Near_LoA	-8,91697374	0,161	0,309
CHR7	15129079	CHR7:15129079	SSF x Near_LoA	-9,49947112	-0,076	0,310

CHR7	15129091	CHR7:15129091	SSF x Near_LoA	-10,9501887	0,001	0,301
CHR7	15132547	CHR7:15132547	SSF x Near_LoA	-8,48290395	-0,037	0,312
CHR7	15132581	CHR7:15132581	SSF x Near_LoA	-11,9435676	0,053	0,295
CHR7	15133039	CHR7:15133039	SSF x Near_LoA	-3,76441755	-0,160	0,304
CHR7	15133068	CHR7:15133068	SSF x Near_LoA	-8,94874708	0,115	0,300
CHR7	15133091	CHR7:15133091	SSF x Near_LoA	-8,9592981	-0,029	0,306
CHR7	15133139	CHR7:15133139	SSF x Near_LoA	6,78726775	0,074	0,298
CHR7	15141056	CHR7:15141056	SSF x Near_LoA	-7,98422572	0,014	0,314
CHR7	15141222	CHR7:15141222	SSF x Near_LoA	-7,63026185	0,148	0,306
CHR7	15141236	CHR7:15141236	SSF x Near_LoA	-8,33822402	-0,081	0,292
CHR7	15141278	CHR7:15141278	SSF x Near_LoA	-10,2283746	-0,024	0,298
CHR7	15147643	CHR7:15147643	SSF x Near_LoA	-9,538212	0,060	0,308
CHR7	15149226	CHR7:15149226	SSF x Near_LoA	-8,88098181	0,013	0,306
CHR7	15150365	CHR7:15150365	SSF x Near_LoA	-12,1881438	-0,018	0,302
CHR7	15150464	CHR7:15150464	SSF x Near_LoA	-10,2077163	0,093	0,295
CHR7	15150513	CHR7:15150513	SSF x Near_LoA	-8,74915782	-0,111	0,309
CHR7	15172459	CHR7:15172459	SSF x Near_LoA	-4,08480669	0,179	0,294
CHR7	15181756	CHR7:15181756	SSF x Near_LoA	-9,67104066	-0,021	0,307
CHR7	15184748	CHR7:15184748	SSF x Near_LoA	-10,4134919	-0,030	0,313
CHR7	15184786	CHR7:15184786	SSF x Near_LoA	-10,8896606	-0,031	0,304
CHR7	1520594	CHR7:1520594	SSF x Near_LoA	-11,8738015	-0,026	0,303
CHR7	1520680	CHR7:1520680	SSF x Near_LoA	-10,4182363	-0,013	0,307
CHR7	15216577	CHR7:15216577	SSF x Near_LoA	-9,63001859	0,031	0,305
CHR7	15216713	CHR7:15216713	SSF x Near_LoA	-9,20507619	-0,019	0,312
CHR7	15227480	CHR7:15227480	SSF x Near_LoA	-9,9383745	0,021	0,305
CHR7	15227539	CHR7:15227539	SSF x Near_LoA	-8,47993504	-0,052	0,308
CHR7	15227682	CHR7:15227682	SSF x Near_LoA	-9,48499965	0,062	0,312
CHR7	15231437	CHR7:15231437	SSF x Near_LoA	-11,381093	0,001	0,312
CHR7	15231439	CHR7:15231439	SSF x Near_LoA	-8,88444243	0,063	0,306
CHR7	15234153	CHR7:15234153	SSF x Near_LoA	-6,59603958	0,155	0,300
CHR7	1523697	CHR7:1523697	SSF x Near_LoA	-8,12704291	-0,058	0,313
CHR7	1523728	CHR7:1523728	SSF x Near_LoA	-8,76447441	-0,041	0,307
CHR7	1523763	CHR7:1523763	SSF x Near_LoA	-8,74023959	0,052	0,305
CHR7	1523766	CHR7:1523766	SSF x Near_LoA	-10,0725511	-0,094	0,297
CHR7	1523806	CHR7:1523806	SSF x Near_LoA	-10,2679733	0,086	0,309
CHR7	15242512	CHR7:15242512	SSF x Near_LoA	-7,74142957	-0,147	0,301
CHR7	15242525	CHR7:15242525	SSF x Near_LoA	-8,623024	-0,138	0,285
CHR7	15242604	CHR7:15242604	SSF x Near_LoA	-7,80424768	-0,096	0,306
CHR7	15259788	CHR7:15259788	SSF x Near_LoA	-5,99410356	0,023	0,312
CHR7	15259817	CHR7:15259817	SSF x Near_LoA	-11,8857184	-0,001	0,294
CHR7	15259823	CHR7:15259823	SSF x Near_LoA	-11,7740978	-0,047	0,313
CHR7	15259827	CHR7:15259827	SSF x Near_LoA	-11,3646184	0,069	0,295
CHR7	15259931	CHR7:15259931	SSF x Near_LoA	-8,75961129	-0,067	0,312
CHR7	1526698	CHR7:1526698	SSF x Near_LoA	-11,2289127	-0,033	0,324
CHR7	15292528	CHR7:15292528	SSF x Near_LoA	-11,020458	-0,080	0,306
CHR7	15298437	CHR7:15298437	SSF x Near_LoA	-9,23242263	-0,084	0,321
CHR7	15298454	CHR7:15298454	SSF x Near_LoA	-8,64115407	-0,104	0,312
CHR7	15298473	CHR7:15298473	SSF x Near_LoA	-10,0884378	0,105	0,299
CHR7	15298505	CHR7:15298505	SSF x Near_LoA	-10,577915	-0,060	0,323
CHR7	15298525	CHR7:15298525	SSF x Near_LoA	-10,9626267	-0,086	0,311
CHR7	15298561	CHR7:15298561	SSF x Near_LoA	-11,3840096	0,024	0,305
CHR7	15298648	CHR7:15298648	SSF x Near_LoA	-9,11989473	0,064	0,313
CHR7	15298680	CHR7:15298680	SSF x Near_LoA	-10,8195116	-0,003	0,302

CHR7	15298694	CHR7:15298694	SSF x Near_LoA	-9,63280721	0,062	0,296
CHR7	15298727	CHR7:15298727	SSF x Near_LoA	-9,23963556	-0,038	0,285
CHR7	15298735	CHR7:15298735	SSF x Near_LoA	-10,0503839	0,029	0,292
CHR7	15298741	CHR7:15298741	SSF x Near_LoA	-10,7327363	0,023	0,309
CHR7	15298743	CHR7:15298743	SSF x Near_LoA	-8,87563647	0,070	0,290
CHR7	1531774	CHR7:1531774	SSF x Near_LoA	-9,44844627	-0,009	0,295
CHR7	1531821	CHR7:1531821	SSF x Near_LoA	-2,80236926	-0,179	0,307
CHR7	1531822	CHR7:1531822	SSF x Near_LoA	-9,48051624	0,128	0,304
CHR7	1531908	CHR7:1531908	SSF x Near_LoA	-10,1023504	-0,088	0,309
CHR7	1531956	CHR7:1531956	SSF x Near_LoA	-8,66844016	-0,008	0,305
CHR7	15321073	CHR7:15321073	SSF x Near_LoA	-9,78974864	-0,072	0,300
CHR7	15323527	CHR7:15323527	SSF x Near_LoA	-8,75936314	-0,150	0,300
CHR7	15323569	CHR7:15323569	SSF x Near_LoA	-7,52446144	-0,143	0,302
CHR7	15323826	CHR7:15323826	SSF x Near_LoA	-7,75812615	-0,032	0,324
CHR7	15330365	CHR7:15330365	SSF x Near_LoA	-10,8032993	-0,125	0,312
CHR7	15330437	CHR7:15330437	SSF x Near_LoA	-7,42165202	0,045	0,310
CHR7	15330438	CHR7:15330438	SSF x Near_LoA	-9,2190537	0,016	0,312
CHR7	15330439	CHR7:15330439	SSF x Near_LoA	-6,52873818	0,032	0,315
CHR7	15331936	CHR7:15331936	SSF x Near_LoA	-7,82259729	0,035	0,317
CHR7	15331969	CHR7:15331969	SSF x Near_LoA	-11,5815064	-0,020	0,305
CHR7	15348871	CHR7:15348871	SSF x Near_LoA	-6,27874281	-0,025	0,318
CHR7	15348890	CHR7:15348890	SSF x Near_LoA	-10,3720466	0,126	0,293
CHR7	15349117	CHR7:15349117	SSF x Near_LoA	-7,36513179	-0,031	0,295
CHR7	1535326	CHR7:1535326	SSF x Near_LoA	-10,3883807	-0,057	0,309
CHR7	1535349	CHR7:1535349	SSF x Near_LoA	-11,0973682	0,027	0,303
CHR7	1535393	CHR7:1535393	SSF x Near_LoA	-7,48552188	-0,114	0,301
CHR7	15358241	CHR7:15358241	SSF x Near_LoA	-8,56369355	0,010	0,298
CHR7	15358249	CHR7:15358249	SSF x Near_LoA	-7,08355855	-0,036	0,307
CHR7	15358253	CHR7:15358253	SSF x Near_LoA	-10,0145902	-0,035	0,314
CHR7	15358283	CHR7:15358283	SSF x Near_LoA	-8,30426283	-0,128	0,307
CHR7	15358338	CHR7:15358338	SSF x Near_LoA	-9,26678647	0,011	0,284
CHR7	15358340	CHR7:15358340	SSF x Near_LoA	-9,49977255	0,019	0,293
CHR7	15358377	CHR7:15358377	SSF x Near_LoA	-8,56468208	-0,068	0,295
CHR7	15358413	CHR7:15358413	SSF x Near_LoA	-8,70588536	0,002	0,304
CHR7	15363838	CHR7:15363838	SSF x Near_LoA	-9,99420332	0,097	0,299
CHR7	15363891	CHR7:15363891	SSF x Near_LoA	-10,5288712	0,033	0,309
CHR7	15366158	CHR7:15366158	SSF x Near_LoA	-9,38249788	-0,041	0,301
CHR7	15369226	CHR7:15369226	SSF x Near_LoA	-11,4851154	-0,130	0,313
CHR7	15369344	CHR7:15369344	SSF x Near_LoA	-3,70046595	0,107	0,300
CHR7	15369350	CHR7:15369350	SSF x Near_LoA	-7,17724547	0,097	0,307
CHR7	15369391	CHR7:15369391	SSF x Near_LoA	-9,77495462	0,051	0,300
CHR7	1537054	CHR7:1537054	SSF x Near_LoA	-8,25817954	-0,032	0,313
CHR7	15383833	CHR7:15383833	SSF x Near_LoA	-10,7935075	-0,127	0,313
CHR7	15398048	CHR7:15398048	SSF x Near_LoA	-8,43132415	-0,009	0,308
CHR7	15415029	CHR7:15415029	SSF x Near_LoA	-10,2195551	-0,034	0,311
CHR7	15415030	CHR7:15415030	SSF x Near_LoA	-7,28403448	-0,024	0,309
CHR7	15415035	CHR7:15415035	SSF x Near_LoA	-11,1856905	-0,032	0,308
CHR7	15415070	CHR7:15415070	SSF x Near_LoA	-9,62915724	0,029	0,307
CHR7	15417375	CHR7:15417375	SSF x Near_LoA	-10,0294079	0,014	0,312
CHR7	15417419	CHR7:15417419	SSF x Near_LoA	-6,824337	-0,178	0,309
CHR7	15417682	CHR7:15417682	SSF x Near_LoA	-9,63732301	0,003	0,313
CHR7	15435491	CHR7:15435491	SSF x Near_LoA	-9,20064734	-0,092	0,316
CHR7	15435517	CHR7:15435517	SSF x Near_LoA	-8,95929115	-0,048	0,319

CHR7	15449796	CHR7:15449796	SSF x Near_LoA	-11,1963148	0,099	0,315
CHR7	15450099	CHR7:15450099	SSF x Near_LoA	-9,90295403	0,023	0,306
CHR7	15450110	CHR7:15450110	SSF x Near_LoA	-8,70780257	-0,021	0,316
CHR7	15450166	CHR7:15450166	SSF x Near_LoA	-9,97647945	0,017	0,308
CHR7	15452203	CHR7:15452203	SSF x Near_LoA	-7,74491842	-0,104	0,320
CHR7	15464343	CHR7:15464343	SSF x Near_LoA	-10,0481455	0,028	0,315
CHR7	15464348	CHR7:15464348	SSF x Near_LoA	-7,83243645	-0,042	0,309
CHR7	1546794	CHR7:1546794	SSF x Near_LoA	-10,5993056	0,009	0,306
CHR7	1546827	CHR7:1546827	SSF x Near_LoA	-10,9386059	-0,075	0,309
CHR7	1546834	CHR7:1546834	SSF x Near_LoA	-9,49878127	-0,070	0,306
CHR7	1546836	CHR7:1546836	SSF x Near_LoA	-10,340534	-0,053	0,312
CHR7	1546838	CHR7:1546838	SSF x Near_LoA	-8,59308595	-0,090	0,302
CHR7	1547675	CHR7:1547675	SSF x Near_LoA	-9,25353617	-0,101	0,306
CHR7	15499877	CHR7:15499877	SSF x Near_LoA	-8,80092754	-0,180	0,310
CHR7	15500126	CHR7:15500126	SSF x Near_LoA	-9,76390429	0,017	0,296
CHR7	15500127	CHR7:15500127	SSF x Near_LoA	-10,0371745	0,062	0,314
CHR7	1550075	CHR7:1550075	SSF x Near_LoA	-11,8455658	0,078	0,304
CHR7	1550125	CHR7:1550125	SSF x Near_LoA	-8,90115863	-0,033	0,313
CHR7	15514429	CHR7:15514429	SSF x Near_LoA	-10,7804228	0,026	0,323
CHR7	15514438	CHR7:15514438	SSF x Near_LoA	-10,1764794	0,118	0,305
CHR7	15514522	CHR7:15514522	SSF x Near_LoA	-9,14795056	0,067	0,300
CHR7	15516489	CHR7:15516489	SSF x Near_LoA	-6,86330992	0,022	0,306
CHR7	15518110	CHR7:15518110	SSF x Near_LoA	-8,53276452	0,014	0,307
CHR7	15521905	CHR7:15521905	SSF x Near_LoA	-8,52198467	0,112	0,298
CHR7	15521938	CHR7:15521938	SSF x Near_LoA	-5,44638043	0,117	0,293
CHR7	15523124	CHR7:15523124	SSF x Near_LoA	-7,93048203	0,019	0,315
CHR7	15523146	CHR7:15523146	SSF x Near_LoA	-10,5127478	-0,062	0,319
CHR7	15523225	CHR7:15523225	SSF x Near_LoA	-8,55111362	0,002	0,309
CHR7	15540451	CHR7:15540451	SSF x Near_LoA	-9,97693536	-0,014	0,293
CHR7	15552577	CHR7:15552577	SSF x Near_LoA	-9,92544239	0,016	0,302
CHR7	15553384	CHR7:15553384	SSF x Near_LoA	-8,89270949	0,079	0,315
CHR7	15554615	CHR7:15554615	SSF x Near_LoA	-9,48409482	-0,011	0,298
CHR7	1556028	CHR7:1556028	SSF x Near_LoA	-9,33003933	-0,065	0,305
CHR7	1556118	CHR7:1556118	SSF x Near_LoA	-9,53263032	-0,086	0,311
CHR7	1556131	CHR7:1556131	SSF x Near_LoA	-6,85711836	-0,068	0,317
CHR7	1556204	CHR7:1556204	SSF x Near_LoA	-10,8915311	0,053	0,307
CHR7	15563732	CHR7:15563732	SSF x Near_LoA	-10,4630964	0,006	0,315
CHR7	15569782	CHR7:15569782	SSF x Near_LoA	-10,3703607	0,096	0,300
CHR7	15586918	CHR7:15586918	SSF x Near_LoA	-8,46176622	-0,039	0,312
CHR7	15587124	CHR7:15587124	SSF x Near_LoA	-11,5314214	0,003	0,317
CHR7	15587171	CHR7:15587171	SSF x Near_LoA	-10,5279163	-0,041	0,308
CHR7	15587199	CHR7:15587199	SSF x Near_LoA	-7,23047674	0,039	0,315
CHR7	1559037	CHR7:1559037	SSF x Near_LoA	-10,4925915	-0,022	0,294
CHR7	1559038	CHR7:1559038	SSF x Near_LoA	-10,6280536	0,018	0,299
CHR7	15595904	CHR7:15595904	SSF x Near_LoA	-5,5852095	-0,110	0,305
CHR7	15595929	CHR7:15595929	SSF x Near_LoA	-8,51556067	0,061	0,312
CHR7	15595930	CHR7:15595930	SSF x Near_LoA	-8,84118071	0,048	0,309
CHR7	15595932	CHR7:15595932	SSF x Near_LoA	-8,99604111	0,134	0,309
CHR7	15599745	CHR7:15599745	SSF x Near_LoA	-7,80924946	0,181	0,305
CHR7	15599926	CHR7:15599926	SSF x Near_LoA	-10,5462112	-0,023	0,318
CHR7	15599957	CHR7:15599957	SSF x Near_LoA	-5,32476936	0,060	0,331
CHR7	15600007	CHR7:15600007	SSF x Near_LoA	-8,05212065	-0,043	0,299
CHR7	1560016	CHR7:1560016	SSF x Near_LoA	-7,94300202	-0,057	0,310

CHR7	1560026	CHR7:1560026	SSF x Near_LoA	-7,26577878	-0,062	0,311
CHR7	1560051	CHR7:1560051	SSF x Near_LoA	-2,34132571	-0,052	0,305
CHR7	1560064	CHR7:1560064	SSF x Near_LoA	-9,28804616	-0,048	0,322
CHR7	15606862	CHR7:15606862	SSF x Near_LoA	-8,27489062	-0,098	0,307
CHR7	15606906	CHR7:15606906	SSF x Near_LoA	-10,4629586	-0,079	0,309
CHR7	15606929	CHR7:15606929	SSF x Near_LoA	-10,4305726	0,022	0,311
CHR7	15607072	CHR7:15607072	SSF x Near_LoA	-7,11398874	0,145	0,302
CHR7	15607089	CHR7:15607089	SSF x Near_LoA	-8,78355775	0,098	0,296
CHR7	1560974	CHR7:1560974	SSF x Near_LoA	-7,30984412	-0,064	0,319
CHR7	15611221	CHR7:15611221	SSF x Near_LoA	-7,93755342	-0,101	0,318
CHR7	15611256	CHR7:15611256	SSF x Near_LoA	-8,50858429	-0,062	0,309
CHR7	15611337	CHR7:15611337	SSF x Near_LoA	-11,6673115	0,058	0,304
CHR7	15613958	CHR7:15613958	SSF x Near_LoA	-10,8038814	0,051	0,315
CHR7	15624746	CHR7:15624746	SSF x Near_LoA	-9,11993376	0,112	0,300
CHR7	15625107	CHR7:15625107	SSF x Near_LoA	-2,09389936	0,012	0,306
CHR7	15629536	CHR7:15629536	SSF x Near_LoA	-11,7416958	0,011	0,308
CHR7	15629549	CHR7:15629549	SSF x Near_LoA	-7,62682324	-0,068	0,302
CHR7	15631894	CHR7:15631894	SSF x Near_LoA	-11,170529	-0,045	0,302
CHR7	15637000	CHR7:15637000	SSF x Near_LoA	-8,76181526	0,052	0,299
CHR7	15637981	CHR7:15637981	SSF x Near_LoA	-8,30608555	-0,051	0,308
CHR7	15644835	CHR7:15644835	SSF x Near_LoA	-9,85784251	0,054	0,304
CHR7	15645944	CHR7:15645944	SSF x Near_LoA	-8,29209319	-0,167	0,294
CHR7	15646112	CHR7:15646112	SSF x Near_LoA	-10,016129	0,138	0,306
CHR7	15655035	CHR7:15655035	SSF x Near_LoA	-10,8480548	0,046	0,311
CHR7	15655153	CHR7:15655153	SSF x Near_LoA	-11,9962937	-0,050	0,306
CHR7	15657186	CHR7:15657186	SSF x Near_LoA	-7,08865053	0,080	0,314
CHR7	15657273	CHR7:15657273	SSF x Near_LoA	-8,25787261	-0,086	0,313
CHR7	15657285	CHR7:15657285	SSF x Near_LoA	-8,6861138	-0,125	0,303
CHR7	15669707	CHR7:15669707	SSF x Near_LoA	-10,1689194	-0,060	0,305
CHR7	1568280	CHR7:1568280	SSF x Near_LoA	-8,80295906	-0,023	0,314
CHR7	15684833	CHR7:15684833	SSF x Near_LoA	-7,94536642	0,106	0,307
CHR7	15684835	CHR7:15684835	SSF x Near_LoA	-0,46720878	-0,308	0,277
CHR7	15684855	CHR7:15684855	SSF x Near_LoA	-9,55640516	-0,014	0,296
CHR7	15684887	CHR7:15684887	SSF x Near_LoA	-8,58274344	0,008	0,314
CHR7	15684908	CHR7:15684908	SSF x Near_LoA	-9,4205481	-0,141	0,297
CHR7	15684919	CHR7:15684919	SSF x Near_LoA	-8,33030281	0,055	0,312
CHR7	1569137	CHR7:1569137	SSF x Near_LoA	-6,71027912	-0,161	0,305
CHR7	15693617	CHR7:15693617	SSF x Near_LoA	-4,59080662	-0,153	0,310
CHR7	15693661	CHR7:15693661	SSF x Near_LoA	-7,36841708	-0,050	0,316
CHR7	15693662	CHR7:15693662	SSF x Near_LoA	-8,69598131	0,116	0,300
CHR7	15693718	CHR7:15693718	SSF x Near_LoA	-10,333117	-0,115	0,300
CHR7	15693721	CHR7:15693721	SSF x Near_LoA	-10,336796	-0,099	0,305
CHR7	15699992	CHR7:15699992	SSF x Near_LoA	-8,77513208	0,073	0,305
CHR7	15699996	CHR7:15699996	SSF x Near_LoA	-9,00598772	0,034	0,310
CHR7	15700034	CHR7:15700034	SSF x Near_LoA	-8,80161669	0,017	0,299
CHR7	15700067	CHR7:15700067	SSF x Near_LoA	-9,34340353	0,005	0,315
CHR7	15700101	CHR7:15700101	SSF x Near_LoA	-10,8509737	-0,018	0,318
CHR7	15700113	CHR7:15700113	SSF x Near_LoA	-10,1058727	-0,134	0,310
CHR7	15700119	CHR7:15700119	SSF x Near_LoA	-2,5084404	0,053	0,318
CHR7	15700122	CHR7:15700122	SSF x Near_LoA	-5,87088031	0,034	0,315
CHR7	15703061	CHR7:15703061	SSF x Near_LoA	-10,2605427	-0,077	0,309
CHR7	15703086	CHR7:15703086	SSF x Near_LoA	-5,19894529	0,006	0,312
CHR7	15703291	CHR7:15703291	SSF x Near_LoA	-7,35465142	-0,103	0,310

CHR7	15714354	CHR7:15714354	SSF x Near_LoA	-8,81334896	-0,014	0,307
CHR7	15714410	CHR7:15714410	SSF x Near_LoA	-7,54894789	0,042	0,305
CHR7	15714464	CHR7:15714464	SSF x Near_LoA	-8,34862963	0,000	0,310
CHR7	15714466	CHR7:15714466	SSF x Near_LoA	-8,76475161	0,002	0,309
CHR7	15714484	CHR7:15714484	SSF x Near_LoA	-7,60959817	0,074	0,313
CHR7	15720432	CHR7:15720432	SSF x Near_LoA	-8,2608983	-0,026	0,322
CHR7	15720448	CHR7:15720448	SSF x Near_LoA	-9,51106348	0,172	0,288
CHR7	15720476	CHR7:15720476	SSF x Near_LoA	-11,2927265	0,019	0,316
CHR7	15723013	CHR7:15723013	SSF x Near_LoA	-8,18498657	0,024	0,305
CHR7	15723015	CHR7:15723015	SSF x Near_LoA	-11,5320084	-0,071	0,296
CHR7	15723047	CHR7:15723047	SSF x Near_LoA	-10,0919108	-0,074	0,301
CHR7	15723077	CHR7:15723077	SSF x Near_LoA	-8,5075297	-0,021	0,305
CHR7	15723110	CHR7:15723110	SSF x Near_LoA	-10,8846279	-0,055	0,303
CHR7	15723138	CHR7:15723138	SSF x Near_LoA	-2,2850403	-0,078	0,312
CHR7	15723222	CHR7:15723222	SSF x Near_LoA	-11,4842518	-0,090	0,281
CHR7	15731469	CHR7:15731469	SSF x Near_LoA	-9,96888327	0,013	0,315
CHR7	1573357	CHR7:1573357	SSF x Near_LoA	-10,7993352	-0,089	0,312
CHR7	15735837	CHR7:15735837	SSF x Near_LoA	-9,03461555	-0,150	0,311
CHR7	15735838	CHR7:15735838	SSF x Near_LoA	-3,74347665	-0,154	0,308
CHR7	15735943	CHR7:15735943	SSF x Near_LoA	-9,1620585	0,138	0,300
CHR7	15735950	CHR7:15735950	SSF x Near_LoA	-10,9656489	0,062	0,306
CHR7	15745444	CHR7:15745444	SSF x Near_LoA	-10,5803378	0,058	0,299
CHR7	15745507	CHR7:15745507	SSF x Near_LoA	-10,3712377	0,057	0,303
CHR7	15745521	CHR7:15745521	SSF x Near_LoA	-7,59373477	-0,075	0,315
CHR7	15745535	CHR7:15745535	SSF x Near_LoA	-9,02127373	0,040	0,313
CHR7	15745551	CHR7:15745551	SSF x Near_LoA	-8,65057648	0,097	0,324
CHR7	15764592	CHR7:15764592	SSF x Near_LoA	-6,81032592	0,061	0,315
CHR7	15764754	CHR7:15764754	SSF x Near_LoA	-9,12810973	-0,025	0,314
CHR7	15768196	CHR7:15768196	SSF x Near_LoA	-9,51347085	-0,087	0,312
CHR7	15768197	CHR7:15768197	SSF x Near_LoA	-6,44829995	-0,095	0,306
CHR7	15768198	CHR7:15768198	SSF x Near_LoA	-6,95002893	0,113	0,314
CHR7	15768270	CHR7:15768270	SSF x Near_LoA	-10,8951001	0,016	0,308
CHR7	1577994	CHR7:1577994	SSF x Near_LoA	-8,7269352	0,043	0,317
CHR7	15780076	CHR7:15780076	SSF x Near_LoA	-8,84156825	-0,107	0,314
CHR7	15780080	CHR7:15780080	SSF x Near_LoA	-8,31213621	0,090	0,297
CHR7	15780146	CHR7:15780146	SSF x Near_LoA	-8,24185722	0,005	0,315
CHR7	15780173	CHR7:15780173	SSF x Near_LoA	-10,6598802	-0,060	0,308
CHR7	15780185	CHR7:15780185	SSF x Near_LoA	-8,82884311	0,034	0,313
CHR7	15780268	CHR7:15780268	SSF x Near_LoA	-9,0608063	-0,188	0,315
CHR7	15780288	CHR7:15780288	SSF x Near_LoA	-9,26750426	-0,077	0,300
CHR7	15780300	CHR7:15780300	SSF x Near_LoA	-9,80812009	0,097	0,308
CHR7	15782752	CHR7:15782752	SSF x Near_LoA	-11,3303176	-0,006	0,309
CHR7	15782826	CHR7:15782826	SSF x Near_LoA	-10,2540206	0,065	0,321
CHR7	15783049	CHR7:15783049	SSF x Near_LoA	-9,2889203	0,071	0,311
CHR7	15783100	CHR7:15783100	SSF x Near_LoA	-11,0707454	-0,004	0,299
CHR7	15783101	CHR7:15783101	SSF x Near_LoA	-8,61174513	0,046	0,317
CHR7	15783133	CHR7:15783133	SSF x Near_LoA	-9,96074339	-0,058	0,314
CHR7	15786729	CHR7:15786729	SSF x Near_LoA	-11,1660803	0,048	0,322
CHR7	15790021	CHR7:15790021	SSF x Near_LoA	-6,5101171	-0,138	0,298
CHR7	15792862	CHR7:15792862	SSF x Near_LoA	-10,9540568	0,070	0,313
CHR7	15798953	CHR7:15798953	SSF x Near_LoA	-7,3240048	-0,084	0,304
CHR7	15799013	CHR7:15799013	SSF x Near_LoA	-9,20225765	0,029	0,309
CHR7	15799027	CHR7:15799027	SSF x Near_LoA	-10,4033395	0,049	0,304

CHR7	15807215	CHR7:15807215	SSF x Near_LoA	-10,9083297	0,040	0,292
CHR7	15807408	CHR7:15807408	SSF x Near_LoA	-7,36469826	0,045	0,312
CHR7	15807425	CHR7:15807425	SSF x Near_LoA	-9,77037284	0,073	0,309
CHR7	15807445	CHR7:15807445	SSF x Near_LoA	-11,035464	-0,064	0,303
CHR7	15818228	CHR7:15818228	SSF x Near_LoA	-5,50387883	0,137	0,304
CHR7	1582251	CHR7:1582251	SSF x Near_LoA	-7,94526752	0,169	0,294
CHR7	15825631	CHR7:15825631	SSF x Near_LoA	-8,69986664	-0,007	0,314
CHR7	15833852	CHR7:15833852	SSF x Near_LoA	-9,93208927	-0,003	0,294
CHR7	15833857	CHR7:15833857	SSF x Near_LoA	-7,86762847	-0,010	0,298
CHR7	15833885	CHR7:15833885	SSF x Near_LoA	-10,4091443	0,048	0,296
CHR7	15833900	CHR7:15833900	SSF x Near_LoA	-11,4468954	0,052	0,309
CHR7	15833911	CHR7:15833911	SSF x Near_LoA	-10,0098109	0,062	0,313
CHR7	1583938	CHR7:1583938	SSF x Near_LoA	-11,5697996	-0,041	0,307
CHR7	15853153	CHR7:15853153	SSF x Near_LoA	-9,13662024	0,018	0,311
CHR7	15853159	CHR7:15853159	SSF x Near_LoA	-10,546029	0,036	0,301
CHR7	15853885	CHR7:15853885	SSF x Near_LoA	-9,64853382	0,069	0,298
CHR7	15862145	CHR7:15862145	SSF x Near_LoA	-6,67538079	0,013	0,300
CHR7	15863022	CHR7:15863022	SSF x Near_LoA	-10,9229132	0,079	0,314
CHR7	15863105	CHR7:15863105	SSF x Near_LoA	-10,6071638	-0,033	0,309
CHR7	15863237	CHR7:15863237	SSF x Near_LoA	-10,9355718	0,006	0,302
CHR7	1586845	CHR7:1586845	SSF x Near_LoA	-8,9871329	0,052	0,306
CHR7	1586892	CHR7:1586892	SSF x Near_LoA	-7,07678962	-0,005	0,333
CHR7	15869171	CHR7:15869171	SSF x Near_LoA	-9,03189969	-0,124	0,312
CHR7	15888652	CHR7:15888652	SSF x Near_LoA	-10,2285346	0,041	0,297
CHR7	15888658	CHR7:15888658	SSF x Near_LoA	-10,0574879	-0,041	0,310
CHR7	15888736	CHR7:15888736	SSF x Near_LoA	-9,92956877	0,033	0,297
CHR7	15888742	CHR7:15888742	SSF x Near_LoA	-9,39900584	0,073	0,291
CHR7	15888848	CHR7:15888848	SSF x Near_LoA	-8,36077414	-0,021	0,305
CHR7	15899987	CHR7:15899987	SSF x Near_LoA	-9,32749929	-0,008	0,307
CHR7	15900187	CHR7:15900187	SSF x Near_LoA	-9,62729114	0,094	0,309
CHR7	15907293	CHR7:15907293	SSF x Near_LoA	-8,26220301	0,113	0,309
CHR7	15907306	CHR7:15907306	SSF x Near_LoA	-8,24715166	-0,152	0,312
CHR7	15911552	CHR7:15911552	SSF x Near_LoA	-9,91777368	-0,083	0,307
CHR7	15911556	CHR7:15911556	SSF x Near_LoA	-10,7458769	0,000	0,308
CHR7	15911557	CHR7:15911557	SSF x Near_LoA	-10,8358614	-0,001	0,304
CHR7	15911580	CHR7:15911580	SSF x Near_LoA	-7,92086493	0,061	0,313
CHR7	15915353	CHR7:15915353	SSF x Near_LoA	-8,88743372	0,086	0,299
CHR7	15915438	CHR7:15915438	SSF x Near_LoA	-8,13691862	0,041	0,300
CHR7	15915458	CHR7:15915458	SSF x Near_LoA	-9,56846276	-0,009	0,320
CHR7	1593212	CHR7:1593212	SSF x Near_LoA	-7,57360442	0,132	0,307
CHR7	15938270	CHR7:15938270	SSF x Near_LoA	-9,63974885	-0,051	0,306
CHR7	15938338	CHR7:15938338	SSF x Near_LoA	-9,65351605	-0,092	0,315
CHR7	15938381	CHR7:15938381	SSF x Near_LoA	-8,13505471	0,091	0,283
CHR7	15940971	CHR7:15940971	SSF x Near_LoA	-4,50264056	0,033	0,320
CHR7	15948265	CHR7:15948265	SSF x Near_LoA	-10,7498255	0,048	0,314
CHR7	15955924	CHR7:15955924	SSF x Near_LoA	-10,927065	0,056	0,309
CHR7	15955947	CHR7:15955947	SSF x Near_LoA	-10,927709	0,025	0,287
CHR7	15956008	CHR7:15956008	SSF x Near_LoA	-8,80308688	0,000	0,297
CHR7	15956026	CHR7:15956026	SSF x Near_LoA	-8,47102509	-0,048	0,311
CHR7	15956036	CHR7:15956036	SSF x Near_LoA	-11,1318621	0,078	0,302
CHR7	15956043	CHR7:15956043	SSF x Near_LoA	-7,36704848	-0,061	0,311
CHR7	15956073	CHR7:15956073	SSF x Near_LoA	-9,28459146	-0,009	0,309
CHR7	15956076	CHR7:15956076	SSF x Near_LoA	-8,29148666	-0,105	0,293

CHR7	15956083	CHR7:15956083	SSF x Near_LoA	-7,06955431	0,012	0,305
CHR7	15956088	CHR7:15956088	SSF x Near_LoA	-9,30110787	-0,003	0,304
CHR7	15956144	CHR7:15956144	SSF x Near_LoA	-9,19809997	0,032	0,309
CHR7	15972307	CHR7:15972307	SSF x Near_LoA	-10,8692003	0,085	0,295
CHR7	15984536	CHR7:15984536	SSF x Near_LoA	-11,0292917	0,038	0,306
CHR7	15987005	CHR7:15987005	SSF x Near_LoA	-9,1550123	0,010	0,315
CHR7	15987046	CHR7:15987046	SSF x Near_LoA	-10,0202148	0,109	0,292
CHR7	15987071	CHR7:15987071	SSF x Near_LoA	-9,95278925	-0,043	0,312
CHR7	15987138	CHR7:15987138	SSF x Near_LoA	-10,2008623	0,019	0,303
CHR7	15987197	CHR7:15987197	SSF x Near_LoA	-7,63117204	0,171	0,286
CHR7	15987208	CHR7:15987208	SSF x Near_LoA	-9,9710527	-0,050	0,314
CHR7	15993023	CHR7:15993023	SSF x Near_LoA	-9,62396447	0,127	0,299
CHR7	16000668	CHR7:16000668	SSF x Near_LoA	-8,40571116	-0,056	0,304
CHR7	16000670	CHR7:16000670	SSF x Near_LoA	-7,26179662	0,166	0,303
CHR7	16001046	CHR7:16001046	SSF x Near_LoA	-8,4092713	0,102	0,304
CHR7	16003446	CHR7:16003446	SSF x Near_LoA	-10,8060067	0,018	0,308
CHR7	16003491	CHR7:16003491	SSF x Near_LoA	-7,31092329	0,063	0,322
CHR7	16003496	CHR7:16003496	SSF x Near_LoA	-10,0795302	0,083	0,311
CHR7	16003510	CHR7:16003510	SSF x Near_LoA	-9,80140913	-0,079	0,310
CHR7	16003515	CHR7:16003515	SSF x Near_LoA	-10,861277	-0,051	0,303
CHR7	16003583	CHR7:16003583	SSF x Near_LoA	-8,99205517	-0,035	0,320
CHR7	16006642	CHR7:16006642	SSF x Near_LoA	-7,75086683	0,053	0,322
CHR7	16008663	CHR7:16008663	SSF x Near_LoA	-8,68706907	-0,028	0,303
CHR7	16008674	CHR7:16008674	SSF x Near_LoA	-8,08142571	-0,037	0,305
CHR7	16008751	CHR7:16008751	SSF x Near_LoA	-8,42331571	-0,010	0,298
CHR7	16008752	CHR7:16008752	SSF x Near_LoA	-10,6312765	-0,023	0,298
CHR7	16008768	CHR7:16008768	SSF x Near_LoA	-8,65406994	-0,024	0,309
CHR7	16017409	CHR7:16017409	SSF x Near_LoA	-10,3195156	0,078	0,310
CHR7	16017410	CHR7:16017410	SSF x Near_LoA	-10,1414192	0,005	0,294
CHR7	16017429	CHR7:16017429	SSF x Near_LoA	-8,93412457	-0,018	0,293
CHR7	16017441	CHR7:16017441	SSF x Near_LoA	-10,7394207	0,090	0,308
CHR7	16019304	CHR7:16019304	SSF x Near_LoA	-8,10521998	-0,035	0,316
CHR7	1602251	CHR7:1602251	SSF x Near_LoA	-7,98467109	-0,045	0,298
CHR7	1602309	CHR7:1602309	SSF x Near_LoA	-7,83790532	-0,028	0,325
CHR7	1602349	CHR7:1602349	SSF x Near_LoA	-8,60467594	-0,087	0,302
CHR7	16036873	CHR7:16036873	SSF x Near_LoA	-9,31382894	0,094	0,299
CHR7	16036877	CHR7:16036877	SSF x Near_LoA	8,98482833	0,041	0,305
CHR7	16036897	CHR7:16036897	SSF x Near_LoA	-9,40019361	-0,129	0,300
CHR7	16037023	CHR7:16037023	SSF x Near_LoA	-10,9061244	0,045	0,316
CHR7	16037140	CHR7:16037140	SSF x Near_LoA	-10,6177367	0,092	0,301
CHR7	16037208	CHR7:16037208	SSF x Near_LoA	-9,53550709	0,090	0,317
CHR7	16039435	CHR7:16039435	SSF x Near_LoA	-6,25555961	0,089	0,320
CHR7	16040277	CHR7:16040277	SSF x Near_LoA	-8,01741933	-0,031	0,317
CHR7	16056433	CHR7:16056433	SSF x Near_LoA	-7,5439147	0,011	0,334
CHR7	16056541	CHR7:16056541	SSF x Near_LoA	-10,3706201	-0,014	0,304
CHR7	16056606	CHR7:16056606	SSF x Near_LoA	-7,47202291	0,113	0,298
CHR7	16076869	CHR7:16076869	SSF x Near_LoA	-11,1437295	-0,002	0,313
CHR7	16080879	CHR7:16080879	SSF x Near_LoA	-11,7022763	0,094	0,291
CHR7	16093750	CHR7:16093750	SSF x Near_LoA	-8,50536904	0,075	0,319
CHR7	16093816	CHR7:16093816	SSF x Near_LoA	-10,2481919	0,017	0,305
CHR7	16098289	CHR7:16098289	SSF x Near_LoA	-9,01883761	0,064	0,321
CHR7	1609949	CHR7:1609949	SSF x Near_LoA	-11,6581332	0,038	0,298
CHR7	1609966	CHR7:1609966	SSF x Near_LoA	-7,4168928	0,046	0,300

CHR7	1609991	CHR7:1609991	SSF x Near_LoA	-8,68962992	0,083	0,303
CHR7	1610030	CHR7:1610030	SSF x Near_LoA	-9,27062672	-0,038	0,317
CHR7	1610075	CHR7:1610075	SSF x Near_LoA	-9,53390433	-0,040	0,312
CHR7	1610918	CHR7:1610918	SSF x Near_LoA	-8,40449034	0,023	0,317
CHR7	1610969	CHR7:1610969	SSF x Near_LoA	-7,11474139	-0,008	0,313
CHR7	1610991	CHR7:1610991	SSF x Near_LoA	-9,28452759	0,011	0,323
CHR7	1611076	CHR7:1611076	SSF x Near_LoA	-9,62531655	-0,029	0,311
CHR7	1611085	CHR7:1611085	SSF x Near_LoA	-9,552588	0,057	0,310
CHR7	1611089	CHR7:1611089	SSF x Near_LoA	-5,86231512	-0,145	0,308
CHR7	1611110	CHR7:1611110	SSF x Near_LoA	-10,2032864	-0,092	0,308
CHR7	16116089	CHR7:16116089	SSF x Near_LoA	1,95396353	0,136	0,309
CHR7	16116455	CHR7:16116455	SSF x Near_LoA	-9,56279826	0,072	0,297
CHR7	16121750	CHR7:16121750	SSF x Near_LoA	-8,94020723	0,079	0,302
CHR7	16121777	CHR7:16121777	SSF x Near_LoA	-10,0998702	0,016	0,310
CHR7	16121793	CHR7:16121793	SSF x Near_LoA	-9,83266078	0,075	0,324
CHR7	16121860	CHR7:16121860	SSF x Near_LoA	-7,94955913	0,080	0,311
CHR7	16121883	CHR7:16121883	SSF x Near_LoA	-7,99148917	0,112	0,299
CHR7	16123274	CHR7:16123274	SSF x Near_LoA	-7,84897651	-0,056	0,301
CHR7	16123278	CHR7:16123278	SSF x Near_LoA	-7,56798296	0,090	0,293
CHR7	16123373	CHR7:16123373	SSF x Near_LoA	-10,1363391	0,026	0,315
CHR7	16132234	CHR7:16132234	SSF x Near_LoA	-7,39065356	0,118	0,310
CHR7	16137567	CHR7:16137567	SSF x Near_LoA	-8,42848669	0,096	0,310
CHR7	16139686	CHR7:16139686	SSF x Near_LoA	-7,79551044	-0,081	0,307
CHR7	16139710	CHR7:16139710	SSF x Near_LoA	-11,765807	0,035	0,306
CHR7	16143976	CHR7:16143976	SSF x Near_LoA	-9,61643086	-0,120	0,310
CHR7	16143980	CHR7:16143980	SSF x Near_LoA	-9,50404212	-0,061	0,313
CHR7	16144008	CHR7:16144008	SSF x Near_LoA	-9,77647681	-0,010	0,330
CHR7	16144010	CHR7:16144010	SSF x Near_LoA	-10,9172012	-0,053	0,300
CHR7	16144015	CHR7:16144015	SSF x Near_LoA	-10,3472011	-0,033	0,314
CHR7	16144024	CHR7:16144024	SSF x Near_LoA	-9,96753027	0,007	0,320
CHR7	16144028	CHR7:16144028	SSF x Near_LoA	-9,97046205	-0,005	0,308
CHR7	16144039	CHR7:16144039	SSF x Near_LoA	-8,79777411	0,023	0,322
CHR7	16144043	CHR7:16144043	SSF x Near_LoA	-10,2925955	0,023	0,316
CHR7	16144083	CHR7:16144083	SSF x Near_LoA	-9,05807414	-0,020	0,311
CHR7	16144084	CHR7:16144084	SSF x Near_LoA	-10,9325878	-0,004	0,306
CHR7	16145926	CHR7:16145926	SSF x Near_LoA	-8,37392953	0,033	0,307
CHR7	16145927	CHR7:16145927	SSF x Near_LoA	-9,61108683	0,026	0,287
CHR7	16145928	CHR7:16145928	SSF x Near_LoA	-7,83734238	0,081	0,303
CHR7	16146325	CHR7:16146325	SSF x Near_LoA	-9,8861904	-0,019	0,295
CHR7	16147450	CHR7:16147450	SSF x Near_LoA	-9,47495595	-0,055	0,283
CHR7	16147457	CHR7:16147457	SSF x Near_LoA	-8,41246864	-0,070	0,293
CHR7	16147470	CHR7:16147470	SSF x Near_LoA	-8,2353706	-0,082	0,291
CHR7	16147476	CHR7:16147476	SSF x Near_LoA	-7,02876278	0,085	0,303
CHR7	16147479	CHR7:16147479	SSF x Near_LoA	-9,46318428	-0,043	0,290
CHR7	16147480	CHR7:16147480	SSF x Near_LoA	-8,60994306	0,079	0,302
CHR7	16147654	CHR7:16147654	SSF x Near_LoA	-10,4623145	-0,002	0,297
CHR7	16156126	CHR7:16156126	SSF x Near_LoA	-9,13862699	-0,077	0,306
CHR7	16156260	CHR7:16156260	SSF x Near_LoA	-7,68589692	-0,075	0,310
CHR7	16156785	CHR7:16156785	SSF x Near_LoA	2,44313055	0,035	0,308
CHR7	16160799	CHR7:16160799	SSF x Near_LoA	-8,41289608	0,094	0,307
CHR7	16160800	CHR7:16160800	SSF x Near_LoA	-9,05501357	0,058	0,316
CHR7	16161321	CHR7:16161321	SSF x Near_LoA	-8,39328594	-0,075	0,297
CHR7	16161322	CHR7:16161322	SSF x Near_LoA	-2,41396322	0,066	0,306

CHR7	16161323	CHR7:16161323	SSF x Near_LoA	-5,55965199	0,068	0,306
CHR7	1616168	CHR7:1616168	SSF x Near_LoA	-9,22166364	0,032	0,305
CHR7	1616222	CHR7:1616222	SSF x Near_LoA	-9,09621522	-0,067	0,326
CHR7	1616259	CHR7:1616259	SSF x Near_LoA	-7,10290764	0,042	0,315
CHR7	1616267	CHR7:1616267	SSF x Near_LoA	-9,16795183	-0,053	0,312
CHR7	1616269	CHR7:1616269	SSF x Near_LoA	-6,49491382	-0,056	0,316
CHR7	1616278	CHR7:1616278	SSF x Near_LoA	-9,07150353	0,051	0,309
CHR7	1616287	CHR7:1616287	SSF x Near_LoA	-8,31995469	0,020	0,316
CHR7	1616332	CHR7:1616332	SSF x Near_LoA	-10,2004318	0,037	0,315
CHR7	1616334	CHR7:1616334	SSF x Near_LoA	-9,53469335	-0,094	0,297
CHR7	16184604	CHR7:16184604	SSF x Near_LoA	-9,5447551	-0,007	0,308
CHR7	16184636	CHR7:16184636	SSF x Near_LoA	-9,53005865	-0,034	0,299
CHR7	16184637	CHR7:16184637	SSF x Near_LoA	-9,84932128	0,012	0,304
CHR7	16184803	CHR7:16184803	SSF x Near_LoA	-10,8459206	0,022	0,296
CHR7	16189999	CHR7:16189999	SSF x Near_LoA	-12,0925824	-0,021	0,310
CHR7	16190022	CHR7:16190022	SSF x Near_LoA	-9,39867651	0,051	0,302
CHR7	16192343	CHR7:16192343	SSF x Near_LoA	-7,74475471	0,108	0,303
CHR7	16192348	CHR7:16192348	SSF x Near_LoA	-7,47757253	-0,101	0,303
CHR7	16192363	CHR7:16192363	SSF x Near_LoA	-11,4187655	-0,001	0,303
CHR7	16192374	CHR7:16192374	SSF x Near_LoA	-11,8313385	-0,009	0,305
CHR7	16195553	CHR7:16195553	SSF x Near_LoA	-3,71684417	0,111	0,308
CHR7	16195703	CHR7:16195703	SSF x Near_LoA	-8,34500765	-0,001	0,317
CHR7	16195745	CHR7:16195745	SSF x Near_LoA	-8,04242807	-0,035	0,317
CHR7	16197277	CHR7:16197277	SSF x Near_LoA	-9,83771304	-0,118	0,304
CHR7	16197331	CHR7:16197331	SSF x Near_LoA	-2,21359833	-0,159	0,296
CHR7	16197364	CHR7:16197364	SSF x Near_LoA	-10,3543725	-0,060	0,303
CHR7	16197479	CHR7:16197479	SSF x Near_LoA	-7,87438968	-0,133	0,294
CHR7	16199299	CHR7:16199299	SSF x Near_LoA	-8,3026648	-0,031	0,307
CHR7	16199357	CHR7:16199357	SSF x Near_LoA	-11,0664476	0,054	0,297
CHR7	16199362	CHR7:16199362	SSF x Near_LoA	-9,90452549	0,041	0,305
CHR7	16199363	CHR7:16199363	SSF x Near_LoA	-10,5427629	0,052	0,308
CHR7	16199387	CHR7:16199387	SSF x Near_LoA	-7,53461227	-0,062	0,314
CHR7	16199407	CHR7:16199407	SSF x Near_LoA	-8,84780874	-0,125	0,307
CHR7	16199413	CHR7:16199413	SSF x Near_LoA	-10,0410695	0,002	0,307
CHR7	16199417	CHR7:16199417	SSF x Near_LoA	-6,37115595	0,098	0,312
CHR7	16199426	CHR7:16199426	SSF x Near_LoA	-4,86629735	-0,135	0,300
CHR7	16206600	CHR7:16206600	SSF x Near_LoA	-9,78673151	-0,071	0,303
CHR7	16206647	CHR7:16206647	SSF x Near_LoA	-8,85414299	-0,034	0,327
CHR7	16208986	CHR7:16208986	SSF x Near_LoA	-8,49720258	-0,057	0,314
CHR7	16213252	CHR7:16213252	SSF x Near_LoA	-9,11778555	-0,072	0,287
CHR7	16213376	CHR7:16213376	SSF x Near_LoA	-11,876643	0,051	0,302
CHR7	16222825	CHR7:16222825	SSF x Near_LoA	-10,0781888	0,081	0,309
CHR7	16222883	CHR7:16222883	SSF x Near_LoA	-10,1065277	0,045	0,299
CHR7	16222895	CHR7:16222895	SSF x Near_LoA	-11,3684041	-0,019	0,293
CHR7	16223103	CHR7:16223103	SSF x Near_LoA	-6,50939205	-0,140	0,302
CHR7	1623044	CHR7:1623044	SSF x Near_LoA	-6,0101489	0,078	0,314
CHR7	16230557	CHR7:16230557	SSF x Near_LoA	-11,4305354	0,065	0,304
CHR7	16230558	CHR7:16230558	SSF x Near_LoA	-8,82874022	0,047	0,293
CHR7	16230561	CHR7:16230561	SSF x Near_LoA	-9,78777279	-0,021	0,314
CHR7	1623057	CHR7:1623057	SSF x Near_LoA	-9,40247736	-0,083	0,302
CHR7	16230708	CHR7:16230708	SSF x Near_LoA	-8,14947929	-0,053	0,300
CHR7	16230720	CHR7:16230720	SSF x Near_LoA	-9,21014601	-0,073	0,304
CHR7	1623102	CHR7:1623102	SSF x Near_LoA	-7,3763457	-0,173	0,284

CHR7	1623145	CHR7:1623145	SSF x Near_LoA	-10,1229313	0,005	0,297
CHR7	1623153	CHR7:1623153	SSF x Near_LoA	-11,4036885	-0,013	0,300
CHR7	1623214	CHR7:1623214	SSF x Near_LoA	-8,49367009	-0,035	0,308
CHR7	16250149	CHR7:16250149	SSF x Near_LoA	-6,57295495	0,167	0,285
CHR7	16256471	CHR7:16256471	SSF x Near_LoA	-10,0506834	0,008	0,314
CHR7	16259319	CHR7:16259319	SSF x Near_LoA	-9,87000037	-0,017	0,320
CHR7	16259369	CHR7:16259369	SSF x Near_LoA	-10,0395636	-0,078	0,309
CHR7	16259477	CHR7:16259477	SSF x Near_LoA	-8,49900014	-0,098	0,315
CHR7	16259540	CHR7:16259540	SSF x Near_LoA	-11,6743224	-0,035	0,317
CHR7	16259548	CHR7:16259548	SSF x Near_LoA	-10,7390519	-0,080	0,302
CHR7	16259586	CHR7:16259586	SSF x Near_LoA	-7,85883203	-0,074	0,313
CHR7	16259596	CHR7:16259596	SSF x Near_LoA	-5,69474561	0,119	0,317
CHR7	16259603	CHR7:16259603	SSF x Near_LoA	-11,0006271	-0,007	0,316
CHR7	16259611	CHR7:16259611	SSF x Near_LoA	-6,63345945	-0,038	0,306
CHR7	16274744	CHR7:16274744	SSF x Near_LoA	-11,8455307	0,032	0,304
CHR7	16274750	CHR7:16274750	SSF x Near_LoA	-8,72153675	-0,136	0,296
CHR7	16274751	CHR7:16274751	SSF x Near_LoA	-9,34730091	0,056	0,289
CHR7	16274763	CHR7:16274763	SSF x Near_LoA	-9,14457378	-0,107	0,312
CHR7	16279666	CHR7:16279666	SSF x Near_LoA	-10,925568	-0,064	0,323
CHR7	16279720	CHR7:16279720	SSF x Near_LoA	-9,91624616	0,052	0,318
CHR7	16279794	CHR7:16279794	SSF x Near_LoA	-11,289152	-0,025	0,299
CHR7	16279801	CHR7:16279801	SSF x Near_LoA	-7,45484342	-0,150	0,313
CHR7	16279850	CHR7:16279850	SSF x Near_LoA	-0,07179366	0,145	0,299
CHR7	16280635	CHR7:16280635	SSF x Near_LoA	-10,1498524	-0,062	0,318
CHR7	16280667	CHR7:16280667	SSF x Near_LoA	-9,22473555	0,020	0,300
CHR7	16280687	CHR7:16280687	SSF x Near_LoA	-8,31793889	0,008	0,312
CHR7	16280724	CHR7:16280724	SSF x Near_LoA	-7,06750073	0,002	0,307
CHR7	16285440	CHR7:16285440	SSF x Near_LoA	-10,1451737	-0,119	0,299
CHR7	16285448	CHR7:16285448	SSF x Near_LoA	-4,40820348	-0,098	0,313
CHR7	1629351	CHR7:1629351	SSF x Near_LoA	-12,1016848	-0,023	0,308
CHR7	1629375	CHR7:1629375	SSF x Near_LoA	-9,09914886	0,068	0,307
CHR7	1629482	CHR7:1629482	SSF x Near_LoA	-12,3788301	0,114	0,290
CHR7	16302470	CHR7:16302470	SSF x Near_LoA	-8,69921376	-0,065	0,299
CHR7	16302492	CHR7:16302492	SSF x Near_LoA	-9,60386898	0,101	0,308
CHR7	16302518	CHR7:16302518	SSF x Near_LoA	-9,27537343	-0,060	0,304
CHR7	16302626	CHR7:16302626	SSF x Near_LoA	-7,41442597	-0,047	0,308
CHR7	16302680	CHR7:16302680	SSF x Near_LoA	-8,54696352	-0,058	0,306
CHR7	16304558	CHR7:16304558	SSF x Near_LoA	-9,05280103	-0,008	0,308
CHR7	1630975	CHR7:1630975	SSF x Near_LoA	-8,36015126	-0,118	0,295
CHR7	16313548	CHR7:16313548	SSF x Near_LoA	-8,94658413	0,019	0,301
CHR7	16313554	CHR7:16313554	SSF x Near_LoA	-9,30046741	0,019	0,309
CHR7	16313556	CHR7:16313556	SSF x Near_LoA	-10,5321849	-0,017	0,317
CHR7	16314597	CHR7:16314597	SSF x Near_LoA	-9,49273999	-0,075	0,299
CHR7	16315820	CHR7:16315820	SSF x Near_LoA	-7,80769764	0,041	0,320
CHR7	16317953	CHR7:16317953	SSF x Near_LoA	-10,3045016	-0,001	0,301
CHR7	16317986	CHR7:16317986	SSF x Near_LoA	-10,6451766	0,026	0,313
CHR7	16317996	CHR7:16317996	SSF x Near_LoA	-10,3016385	0,000	0,311
CHR7	16317997	CHR7:16317997	SSF x Near_LoA	-11,9631392	-0,012	0,299
CHR7	16318009	CHR7:16318009	SSF x Near_LoA	-9,95537603	0,074	0,297
CHR7	16318021	CHR7:16318021	SSF x Near_LoA	-7,08658747	-0,077	0,309
CHR7	16318023	CHR7:16318023	SSF x Near_LoA	-9,21745392	0,064	0,295
CHR7	16318031	CHR7:16318031	SSF x Near_LoA	-10,1280629	0,068	0,290
CHR7	16318073	CHR7:16318073	SSF x Near_LoA	-11,1515077	0,008	0,295

CHR7	16324129	CHR7:16324129	SSF x Near_LoA	-10,260911	-0,095	0,301
CHR7	16330999	CHR7:16330999	SSF x Near_LoA	-9,05262292	0,008	0,321
CHR7	16331308	CHR7:16331308	SSF x Near_LoA	3,09996467	-0,046	0,314
CHR7	16342985	CHR7:16342985	SSF x Near_LoA	-10,1594629	-0,074	0,324
CHR7	16357130	CHR7:16357130	SSF x Near_LoA	-8,62764608	-0,047	0,316
CHR7	16357153	CHR7:16357153	SSF x Near_LoA	-8,28382758	-0,120	0,307
CHR7	16362953	CHR7:16362953	SSF x Near_LoA	-7,77468952	0,056	0,296
CHR7	16363019	CHR7:16363019	SSF x Near_LoA	-10,2717266	0,099	0,305
CHR7	16363093	CHR7:16363093	SSF x Near_LoA	-7,34633822	0,057	0,310
CHR7	16368757	CHR7:16368757	SSF x Near_LoA	-8,90573506	-0,010	0,312
CHR7	16368801	CHR7:16368801	SSF x Near_LoA	-8,87560941	-0,065	0,290
CHR7	16368804	CHR7:16368804	SSF x Near_LoA	-5,95180165	0,075	0,318
CHR7	16368898	CHR7:16368898	SSF x Near_LoA	-8,54518358	-0,015	0,299
CHR7	16368976	CHR7:16368976	SSF x Near_LoA	-9,33705032	0,049	0,315
CHR7	16376528	CHR7:16376528	SSF x Near_LoA	-10,2379508	-0,041	0,297
CHR7	16376585	CHR7:16376585	SSF x Near_LoA	-10,2247746	0,017	0,318
CHR7	16376603	CHR7:16376603	SSF x Near_LoA	-7,85805199	0,129	0,310
CHR7	16376632	CHR7:16376632	SSF x Near_LoA	-10,4641142	0,012	0,311
CHR7	16382315	CHR7:16382315	SSF x Near_LoA	-11,8698256	-0,054	0,314
CHR7	16382367	CHR7:16382367	SSF x Near_LoA	-3,01814373	-0,107	0,310
CHR7	16382450	CHR7:16382450	SSF x Near_LoA	-8,95092693	-0,018	0,330
CHR7	16382488	CHR7:16382488	SSF x Near_LoA	-9,95055211	-0,018	0,295
CHR7	16382492	CHR7:16382492	SSF x Near_LoA	-11,0645083	0,026	0,298
CHR7	1638918	CHR7:1638918	SSF x Near_LoA	-9,42586665	-0,141	0,303
CHR7	1638938	CHR7:1638938	SSF x Near_LoA	-10,6754824	-0,017	0,285
CHR7	16398410	CHR7:16398410	SSF x Near_LoA	-7,75430938	-0,087	0,316
CHR7	16398426	CHR7:16398426	SSF x Near_LoA	-11,1227212	0,079	0,314
CHR7	16402051	CHR7:16402051	SSF x Near_LoA	-10,6095374	0,070	0,305
CHR7	16402092	CHR7:16402092	SSF x Near_LoA	-9,95733731	0,007	0,307
CHR7	16405108	CHR7:16405108	SSF x Near_LoA	-9,43212472	-0,109	0,313
CHR7	16405304	CHR7:16405304	SSF x Near_LoA	-7,67902438	-0,024	0,305
CHR7	1640546	CHR7:1640546	SSF x Near_LoA	-10,4708199	-0,145	0,297
CHR7	1640570	CHR7:1640570	SSF x Near_LoA	-8,86217782	-0,066	0,305
CHR7	1640655	CHR7:1640655	SSF x Near_LoA	-9,03259302	-0,033	0,301
CHR7	16412333	CHR7:16412333	SSF x Near_LoA	-7,97260878	-0,075	0,281
CHR7	16412364	CHR7:16412364	SSF x Near_LoA	-10,4571782	-0,070	0,307
CHR7	16412389	CHR7:16412389	SSF x Near_LoA	-8,35893865	-0,056	0,307
CHR7	16412744	CHR7:16412744	SSF x Near_LoA	-6,46410601	-0,101	0,305
CHR7	16412759	CHR7:16412759	SSF x Near_LoA	-8,38719352	-0,051	0,312
CHR7	16415140	CHR7:16415140	SSF x Near_LoA	-6,85464805	-0,187	0,311
CHR7	16415861	CHR7:16415861	SSF x Near_LoA	-10,7238547	-0,062	0,307
CHR7	16418219	CHR7:16418219	SSF x Near_LoA	-9,4004045	-0,025	0,299
CHR7	16418378	CHR7:16418378	SSF x Near_LoA	-11,148371	0,023	0,302
CHR7	16418434	CHR7:16418434	SSF x Near_LoA	-9,61645068	-0,150	0,291
CHR7	16441041	CHR7:16441041	SSF x Near_LoA	-7,12087051	-0,083	0,309
CHR7	16441043	CHR7:16441043	SSF x Near_LoA	-10,591332	0,045	0,311
CHR7	16441045	CHR7:16441045	SSF x Near_LoA	-4,15209986	-0,129	0,319
CHR7	16441055	CHR7:16441055	SSF x Near_LoA	-9,2392889	-0,038	0,316
CHR7	16441222	CHR7:16441222	SSF x Near_LoA	-10,3832643	-0,042	0,302
CHR7	16458881	CHR7:16458881	SSF x Near_LoA	-8,66490084	-0,127	0,302
CHR7	16458893	CHR7:16458893	SSF x Near_LoA	-10,4808825	-0,006	0,305
CHR7	16458894	CHR7:16458894	SSF x Near_LoA	-9,85223421	-0,040	0,307
CHR7	16458895	CHR7:16458895	SSF x Near_LoA	-8,79521724	-0,003	0,306

CHR7	16459206	CHR7:16459206	SSF x Near_LoA	-9,70999066	0,081	0,306
CHR7	16459230	CHR7:16459230	SSF x Near_LoA	-8,16429169	-0,039	0,308
CHR7	16459265	CHR7:16459265	SSF x Near_LoA	-9,75004105	-0,156	0,299
CHR7	16459298	CHR7:16459298	SSF x Near_LoA	-10,1782332	0,020	0,300
CHR7	16459302	CHR7:16459302	SSF x Near_LoA	-8,3054743	0,008	0,302
CHR7	16459318	CHR7:16459318	SSF x Near_LoA	-8,59726214	0,036	0,300
CHR7	16459331	CHR7:16459331	SSF x Near_LoA	-12,0012749	-0,029	0,310
CHR7	16462910	CHR7:16462910	SSF x Near_LoA	-7,63945788	-0,111	0,308
CHR7	16462940	CHR7:16462940	SSF x Near_LoA	-8,10736895	-0,062	0,316
CHR7	16462942	CHR7:16462942	SSF x Near_LoA	-3,0417825	-0,031	0,301
CHR7	16462976	CHR7:16462976	SSF x Near_LoA	-7,89985079	-0,034	0,313
CHR7	1646401	CHR7:1646401	SSF x Near_LoA	-9,99037215	-0,132	0,312
CHR7	16474595	CHR7:16474595	SSF x Near_LoA	-8,50529469	-0,050	0,306
CHR7	16474620	CHR7:16474620	SSF x Near_LoA	-10,0600456	0,002	0,305
CHR7	16474637	CHR7:16474637	SSF x Near_LoA	-9,22364861	-0,057	0,305
CHR7	16474672	CHR7:16474672	SSF x Near_LoA	-8,97821822	-0,102	0,309
CHR7	16480526	CHR7:16480526	SSF x Near_LoA	-9,65528511	0,154	0,303
CHR7	16480552	CHR7:16480552	SSF x Near_LoA	-10,2872394	-0,043	0,307
CHR7	16480688	CHR7:16480688	SSF x Near_LoA	-9,30143006	-0,039	0,321
CHR7	1648117	CHR7:1648117	SSF x Near_LoA	-7,71660153	-0,075	0,306
CHR7	1648118	CHR7:1648118	SSF x Near_LoA	-11,2702313	-0,054	0,314
CHR7	1648137	CHR7:1648137	SSF x Near_LoA	-7,96919171	0,077	0,301
CHR7	1648181	CHR7:1648181	SSF x Near_LoA	-10,1002624	0,049	0,300
CHR7	1648195	CHR7:1648195	SSF x Near_LoA	-6,12131674	0,111	0,295
CHR7	1648202	CHR7:1648202	SSF x Near_LoA	-5,19305849	0,097	0,298
CHR7	1648210	CHR7:1648210	SSF x Near_LoA	-10,0573427	0,043	0,319
CHR7	16488377	CHR7:16488377	SSF x Near_LoA	-8,40370079	0,029	0,309
CHR7	16488378	CHR7:16488378	SSF x Near_LoA	-9,58757012	-0,039	0,313
CHR7	16488386	CHR7:16488386	SSF x Near_LoA	-7,43292783	-0,035	0,285
CHR7	16488387	CHR7:16488387	SSF x Near_LoA	-10,5302395	-0,047	0,297
CHR7	16488399	CHR7:16488399	SSF x Near_LoA	-10,4377616	0,037	0,290
CHR7	16488485	CHR7:16488485	SSF x Near_LoA	-2,24888625	-0,119	0,302
CHR7	16488564	CHR7:16488564	SSF x Near_LoA	-12,1376387	-0,013	0,302
CHR7	16488582	CHR7:16488582	SSF x Near_LoA	-10,6036612	0,041	0,311
CHR7	16488589	CHR7:16488589	SSF x Near_LoA	-11,2331	0,027	0,308
CHR7	16488598	CHR7:16488598	SSF x Near_LoA	-8,63725539	-0,141	0,301
CHR7	16488658	CHR7:16488658	SSF x Near_LoA	-11,1549676	-0,019	0,319
CHR7	1648902	CHR7:1648902	SSF x Near_LoA	-9,43308238	0,017	0,304
CHR7	1648925	CHR7:1648925	SSF x Near_LoA	-4,3790772	0,016	0,327
CHR7	1648966	CHR7:1648966	SSF x Near_LoA	-11,0290646	0,122	0,306
CHR7	16496596	CHR7:16496596	SSF x Near_LoA	-8,86700607	0,061	0,308
CHR7	16496655	CHR7:16496655	SSF x Near_LoA	-9,22207858	0,002	0,312
CHR7	16496719	CHR7:16496719	SSF x Near_LoA	-5,71304957	-0,023	0,308
CHR7	16499451	CHR7:16499451	SSF x Near_LoA	-8,92770589	-0,078	0,315
CHR7	16499462	CHR7:16499462	SSF x Near_LoA	-8,7859905	0,022	0,295
CHR7	16499504	CHR7:16499504	SSF x Near_LoA	7,25171721	0,121	0,314
CHR7	16499576	CHR7:16499576	SSF x Near_LoA	-5,6650096	0,148	0,305
CHR7	16502142	CHR7:16502142	SSF x Near_LoA	-8,8808717	0,010	0,307
CHR7	16504203	CHR7:16504203	SSF x Near_LoA	-10,0164797	-0,097	0,309
CHR7	16511663	CHR7:16511663	SSF x Near_LoA	-10,5518128	0,071	0,310
CHR7	16511677	CHR7:16511677	SSF x Near_LoA	-10,9687406	0,124	0,302
CHR7	16511745	CHR7:16511745	SSF x Near_LoA	-2,2016433	0,052	0,298
CHR7	16511765	CHR7:16511765	SSF x Near_LoA	-8,48705564	0,054	0,329

CHR7	16511766	CHR7:16511766	SSF x Near_LoA	-10,428481	0,015	0,296
CHR7	16511880	CHR7:16511880	SSF x Near_LoA	-8,16132348	0,017	0,318
CHR7	1651604	CHR7:1651604	SSF x Near_LoA	-9,38547677	0,093	0,300
CHR7	16522015	CHR7:16522015	SSF x Near_LoA	-7,56288486	-0,020	0,310
CHR7	16522018	CHR7:16522018	SSF x Near_LoA	-8,3449902	0,008	0,316
CHR7	16523236	CHR7:16523236	SSF x Near_LoA	-9,96892304	0,048	0,305
CHR7	16529979	CHR7:16529979	SSF x Near_LoA	-9,23057809	-0,076	0,309
CHR7	16530010	CHR7:16530010	SSF x Near_LoA	-9,84949752	0,104	0,319
CHR7	16530045	CHR7:16530045	SSF x Near_LoA	-10,7976665	-0,006	0,301
CHR7	16530187	CHR7:16530187	SSF x Near_LoA	-4,23184318	0,145	0,298
CHR7	16534428	CHR7:16534428	SSF x Near_LoA	-9,07671726	0,029	0,313
CHR7	16544306	CHR7:16544306	SSF x Near_LoA	-3,37708019	0,016	0,308
CHR7	16544341	CHR7:16544341	SSF x Near_LoA	-9,86052412	0,072	0,309
CHR7	16544384	CHR7:16544384	SSF x Near_LoA	-10,2075435	0,054	0,306
CHR7	16546063	CHR7:16546063	SSF x Near_LoA	-8,60007122	-0,039	0,313
CHR7	16555221	CHR7:16555221	SSF x Near_LoA	-10,7086486	-0,086	0,309
CHR7	16559048	CHR7:16559048	SSF x Near_LoA	-10,272373	0,004	0,316
CHR7	16559090	CHR7:16559090	SSF x Near_LoA	-10,3379235	0,065	0,299
CHR7	16578191	CHR7:16578191	SSF x Near_LoA	-9,14637584	-0,037	0,292
CHR7	16578223	CHR7:16578223	SSF x Near_LoA	-9,04154448	-0,039	0,298
CHR7	1657908	CHR7:1657908	SSF x Near_LoA	-9,42779093	-0,019	0,311
CHR7	1658015	CHR7:1658015	SSF x Near_LoA	-7,7597965	-0,141	0,293
CHR7	16581487	CHR7:16581487	SSF x Near_LoA	-8,67963738	-0,052	0,303
CHR7	16581561	CHR7:16581561	SSF x Near_LoA	-9,79983239	0,063	0,306
CHR7	16581583	CHR7:16581583	SSF x Near_LoA	3,56183108	-0,069	0,312
CHR7	16581586	CHR7:16581586	SSF x Near_LoA	-9,00228861	0,058	0,310
CHR7	16581615	CHR7:16581615	SSF x Near_LoA	-10,4922648	-0,006	0,316
CHR7	16581623	CHR7:16581623	SSF x Near_LoA	-6,92180752	-0,012	0,321
CHR7	16594642	CHR7:16594642	SSF x Near_LoA	-8,90415103	0,089	0,293
CHR7	16594655	CHR7:16594655	SSF x Near_LoA	-7,61920131	0,155	0,295
CHR7	16594657	CHR7:16594657	SSF x Near_LoA	-7,81148886	-0,016	0,321
CHR7	16594719	CHR7:16594719	SSF x Near_LoA	-7,69053386	-0,103	0,299
CHR7	16604831	CHR7:16604831	SSF x Near_LoA	-10,5589913	0,074	0,292
CHR7	1660495	CHR7:1660495	SSF x Near_LoA	-7,02256052	0,169	0,289
CHR7	1661175	CHR7:1661175	SSF x Near_LoA	-11,184198	0,044	0,301
CHR7	1661187	CHR7:1661187	SSF x Near_LoA	-9,23888275	-0,064	0,316
CHR7	1661273	CHR7:1661273	SSF x Near_LoA	-9,94478183	-0,007	0,311
CHR7	16623489	CHR7:16623489	SSF x Near_LoA	-8,59296118	-0,006	0,315
CHR7	16623590	CHR7:16623590	SSF x Near_LoA	-9,85776894	-0,014	0,308
CHR7	16631325	CHR7:16631325	SSF x Near_LoA	-8,4421435	0,072	0,312
CHR7	16639464	CHR7:16639464	SSF x Near_LoA	-9,38110033	0,123	0,311
CHR7	16639467	CHR7:16639467	SSF x Near_LoA	-8,24753773	0,112	0,304
CHR7	16639475	CHR7:16639475	SSF x Near_LoA	-8,26448338	0,146	0,291
CHR7	16647450	CHR7:16647450	SSF x Near_LoA	-8,09117879	0,043	0,309
CHR7	16647456	CHR7:16647456	SSF x Near_LoA	-3,36922143	-0,085	0,306
CHR7	16647681	CHR7:16647681	SSF x Near_LoA	-8,75271977	-0,012	0,314
CHR7	16651070	CHR7:16651070	SSF x Near_LoA	-10,648947	0,061	0,307
CHR7	16651086	CHR7:16651086	SSF x Near_LoA	-11,0422131	0,038	0,299
CHR7	16651113	CHR7:16651113	SSF x Near_LoA	-8,79612478	0,035	0,310
CHR7	16651121	CHR7:16651121	SSF x Near_LoA	-10,7515043	0,009	0,305
CHR7	16651125	CHR7:16651125	SSF x Near_LoA	-11,171742	0,035	0,300
CHR7	16651127	CHR7:16651127	SSF x Near_LoA	-8,19459259	-0,085	0,297
CHR7	16651174	CHR7:16651174	SSF x Near_LoA	-7,61000148	0,124	0,320

CHR7	16671685	CHR7:16671685	SSF x Near_LoA	-9,61475999	0,080	0,305
CHR7	16671703	CHR7:16671703	SSF x Near_LoA	-9,00351828	-0,024	0,307
CHR7	16671759	CHR7:16671759	SSF x Near_LoA	-9,01530597	-0,044	0,305
CHR7	16671778	CHR7:16671778	SSF x Near_LoA	-8,85115379	-0,012	0,312
CHR7	16671789	CHR7:16671789	SSF x Near_LoA	-9,42614927	0,089	0,293
CHR7	16675190	CHR7:16675190	SSF x Near_LoA	-9,22949719	-0,054	0,306
CHR7	16675221	CHR7:16675221	SSF x Near_LoA	-7,35319851	-0,113	0,317
CHR7	16675264	CHR7:16675264	SSF x Near_LoA	-11,0160737	-0,073	0,304
CHR7	16686434	CHR7:16686434	SSF x Near_LoA	-8,76596187	-0,085	0,311
CHR7	16687412	CHR7:16687412	SSF x Near_LoA	-10,6123775	0,132	0,304
CHR7	16696139	CHR7:16696139	SSF x Near_LoA	-9,51245933	0,092	0,312
CHR7	16710154	CHR7:16710154	SSF x Near_LoA	-8,33259301	-0,108	0,305
CHR7	16710168	CHR7:16710168	SSF x Near_LoA	-8,80270074	0,095	0,298
CHR7	16710208	CHR7:16710208	SSF x Near_LoA	-8,33548497	-0,113	0,321
CHR7	16710215	CHR7:16710215	SSF x Near_LoA	-6,37799935	-0,089	0,308
CHR7	16710216	CHR7:16710216	SSF x Near_LoA	-10,1273401	-0,019	0,319
CHR7	16710255	CHR7:16710255	SSF x Near_LoA	-1,69715238	-0,042	0,300
CHR7	16719005	CHR7:16719005	SSF x Near_LoA	-9,36615499	-0,013	0,313
CHR7	16719061	CHR7:16719061	SSF x Near_LoA	-10,4758273	-0,042	0,302
CHR7	16719779	CHR7:16719779	SSF x Near_LoA	-10,7984726	-0,031	0,319
CHR7	16722872	CHR7:16722872	SSF x Near_LoA	-9,45191648	-0,034	0,306
CHR7	16722889	CHR7:16722889	SSF x Near_LoA	-9,33238516	0,060	0,315
CHR7	16724770	CHR7:16724770	SSF x Near_LoA	-7,8139604	0,064	0,314
CHR7	16729067	CHR7:16729067	SSF x Near_LoA	-10,9351294	0,097	0,294
CHR7	16729193	CHR7:16729193	SSF x Near_LoA	-10,5830993	0,049	0,312
CHR7	16743198	CHR7:16743198	SSF x Near_LoA	-9,54158495	-0,040	0,309
CHR7	16743318	CHR7:16743318	SSF x Near_LoA	-9,33315311	0,070	0,293
CHR7	16743319	CHR7:16743319	SSF x Near_LoA	-7,49790865	-0,172	0,285
CHR7	16746543	CHR7:16746543	SSF x Near_LoA	-10,966361	0,057	0,302
CHR7	16746615	CHR7:16746615	SSF x Near_LoA	-9,95134279	-0,005	0,320
CHR7	16748521	CHR7:16748521	SSF x Near_LoA	-8,52677424	0,102	0,307
CHR7	16748545	CHR7:16748545	SSF x Near_LoA	-9,98717215	-0,023	0,315
CHR7	16748571	CHR7:16748571	SSF x Near_LoA	-10,814999	0,000	0,304
CHR7	16748581	CHR7:16748581	SSF x Near_LoA	-7,8217888	0,105	0,301
CHR7	1675540	CHR7:1675540	SSF x Near_LoA	-2,90271696	0,104	0,310
CHR7	1675690	CHR7:1675690	SSF x Near_LoA	-8,94608171	-0,066	0,308
CHR7	16758080	CHR7:16758080	SSF x Near_LoA	-7,14355333	-0,125	0,302
CHR7	16760820	CHR7:16760820	SSF x Near_LoA	-7,99484653	0,082	0,309
CHR7	16760857	CHR7:16760857	SSF x Near_LoA	-8,11347545	-0,125	0,314
CHR7	16760861	CHR7:16760861	SSF x Near_LoA	-8,77262673	-0,109	0,309
CHR7	16760889	CHR7:16760889	SSF x Near_LoA	-8,489629	0,012	0,312
CHR7	16760896	CHR7:16760896	SSF x Near_LoA	-5,52197137	-0,008	0,299
CHR7	16767579	CHR7:16767579	SSF x Near_LoA	-7,35208659	0,151	0,300
CHR7	16771790	CHR7:16771790	SSF x Near_LoA	-8,46338708	0,048	0,321
CHR7	16771823	CHR7:16771823	SSF x Near_LoA	-7,62476264	-0,029	0,299
CHR7	16771825	CHR7:16771825	SSF x Near_LoA	-8,76225057	-0,034	0,307
CHR7	1677233	CHR7:1677233	SSF x Near_LoA	-8,91878015	0,021	0,281
CHR7	1677298	CHR7:1677298	SSF x Near_LoA	-10,7445544	0,011	0,319
CHR7	16777810	CHR7:16777810	SSF x Near_LoA	-10,9465605	-0,118	0,300
CHR7	16785959	CHR7:16785959	SSF x Near_LoA	-9,9839125	0,022	0,313
CHR7	16785974	CHR7:16785974	SSF x Near_LoA	-7,03650598	0,054	0,304
CHR7	16786007	CHR7:16786007	SSF x Near_LoA	-10,4560939	0,013	0,309
CHR7	16795153	CHR7:16795153	SSF x Near_LoA	-9,94749437	0,116	0,303

CHR7	16795200	CHR7:16795200	SSF x Near_LoA	-6,9299016	-0,099	0,311
CHR7	16795221	CHR7:16795221	SSF x Near_LoA	-10,9506026	0,086	0,310
CHR7	16796664	CHR7:16796664	SSF x Near_LoA	-8,80156191	-0,075	0,318
CHR7	16796714	CHR7:16796714	SSF x Near_LoA	-10,2867137	0,011	0,317
CHR7	16801578	CHR7:16801578	SSF x Near_LoA	-9,50481408	-0,136	0,297
CHR7	16801645	CHR7:16801645	SSF x Near_LoA	-5,83394754	0,199	0,304
CHR7	16801664	CHR7:16801664	SSF x Near_LoA	-8,51440509	-0,140	0,287
CHR7	16807452	CHR7:16807452	SSF x Near_LoA	-8,85011582	-0,004	0,313
CHR7	16807517	CHR7:16807517	SSF x Near_LoA	-10,1061853	-0,001	0,326
CHR7	16807595	CHR7:16807595	SSF x Near_LoA	-10,285714	0,029	0,309
CHR7	16807664	CHR7:16807664	SSF x Near_LoA	-9,35826972	0,025	0,284
CHR7	16814744	CHR7:16814744	SSF x Near_LoA	-8,86195386	0,117	0,308
CHR7	16814771	CHR7:16814771	SSF x Near_LoA	-8,30016482	0,012	0,314
CHR7	16814783	CHR7:16814783	SSF x Near_LoA	-8,85202556	0,042	0,314
CHR7	16814859	CHR7:16814859	SSF x Near_LoA	-7,30729564	0,135	0,298
CHR7	16819031	CHR7:16819031	SSF x Near_LoA	-9,14361528	-0,078	0,302
CHR7	16819167	CHR7:16819167	SSF x Near_LoA	-10,2894634	-0,041	0,306
CHR7	16819911	CHR7:16819911	SSF x Near_LoA	-10,2938166	-0,024	0,307
CHR7	16819946	CHR7:16819946	SSF x Near_LoA	-8,44456901	-0,038	0,318
CHR7	16820000	CHR7:16820000	SSF x Near_LoA	-9,11927978	0,003	0,305
CHR7	1682606	CHR7:1682606	SSF x Near_LoA	-7,49503853	0,075	0,305
CHR7	1682622	CHR7:1682622	SSF x Near_LoA	-8,71152706	-0,125	0,300
CHR7	1682626	CHR7:1682626	SSF x Near_LoA	-8,48328767	-0,193	0,313
CHR7	16831544	CHR7:16831544	SSF x Near_LoA	-8,08466653	0,006	0,316
CHR7	16834012	CHR7:16834012	SSF x Near_LoA	-9,25702622	0,120	0,314
CHR7	16834015	CHR7:16834015	SSF x Near_LoA	-9,49815741	0,088	0,308
CHR7	16834025	CHR7:16834025	SSF x Near_LoA	-9,61646015	-0,044	0,296
CHR7	16835178	CHR7:16835178	SSF x Near_LoA	-9,28510359	-0,010	0,308
CHR7	16839100	CHR7:16839100	SSF x Near_LoA	-7,28520812	0,022	0,304
CHR7	16839186	CHR7:16839186	SSF x Near_LoA	-8,95814732	0,016	0,312
CHR7	16839430	CHR7:16839430	SSF x Near_LoA	-7,45383586	-0,190	0,304
CHR7	16847919	CHR7:16847919	SSF x Near_LoA	-9,48834151	-0,016	0,309
CHR7	16847987	CHR7:16847987	SSF x Near_LoA	-9,84599929	0,018	0,313
CHR7	16848038	CHR7:16848038	SSF x Near_LoA	-7,87960784	-0,055	0,305
CHR7	16848048	CHR7:16848048	SSF x Near_LoA	-10,8069701	0,029	0,307
CHR7	16853109	CHR7:16853109	SSF x Near_LoA	-8,12730628	0,027	0,304
CHR7	16853156	CHR7:16853156	SSF x Near_LoA	-10,3805842	0,014	0,302
CHR7	16853249	CHR7:16853249	SSF x Near_LoA	-6,07162714	-0,049	0,310
CHR7	16862552	CHR7:16862552	SSF x Near_LoA	-10,6441111	-0,053	0,300
CHR7	16864420	CHR7:16864420	SSF x Near_LoA	-7,87635299	0,131	0,307
CHR7	1689148	CHR7:1689148	SSF x Near_LoA	-7,83777371	-0,001	0,309
CHR7	1689150	CHR7:1689150	SSF x Near_LoA	-4,01605695	0,007	0,312
CHR7	1689155	CHR7:1689155	SSF x Near_LoA	-8,84928423	-0,018	0,306
CHR7	1689210	CHR7:1689210	SSF x Near_LoA	-8,57594114	0,029	0,324
CHR7	16895108	CHR7:16895108	SSF x Near_LoA	-11,127107	0,003	0,308
CHR7	16897758	CHR7:16897758	SSF x Near_LoA	-8,22862069	-0,065	0,302
CHR7	16897759	CHR7:16897759	SSF x Near_LoA	-10,1329352	-0,098	0,300
CHR7	16906006	CHR7:16906006	SSF x Near_LoA	-11,2174901	0,091	0,301
CHR7	1690690	CHR7:1690690	SSF x Near_LoA	-7,58886168	0,092	0,300
CHR7	1690709	CHR7:1690709	SSF x Near_LoA	-8,94875052	0,062	0,311
CHR7	1690774	CHR7:1690774	SSF x Near_LoA	-9,18335891	-0,036	0,329
CHR7	16913732	CHR7:16913732	SSF x Near_LoA	-9,86557374	0,022	0,286
CHR7	16913735	CHR7:16913735	SSF x Near_LoA	-9,06467042	0,038	0,317

CHR7	16913771	CHR7:16913771	SSF x Near_LoA	-10,2607008	0,070	0,285
CHR7	16913840	CHR7:16913840	SSF x Near_LoA	-9,12986978	-0,052	0,309
CHR7	16919758	CHR7:16919758	SSF x Near_LoA	-8,20010374	-0,028	0,316
CHR7	16919760	CHR7:16919760	SSF x Near_LoA	-9,13346424	-0,062	0,316
CHR7	16919834	CHR7:16919834	SSF x Near_LoA	-10,2201963	-0,057	0,301
CHR7	16919921	CHR7:16919921	SSF x Near_LoA	-9,27940623	-0,011	0,302
CHR7	16924144	CHR7:16924144	SSF x Near_LoA	-6,99628555	-0,084	0,307
CHR7	16924223	CHR7:16924223	SSF x Near_LoA	-8,39616283	0,029	0,300
CHR7	16924246	CHR7:16924246	SSF x Near_LoA	-10,1781287	-0,014	0,315
CHR7	16924252	CHR7:16924252	SSF x Near_LoA	-11,7228706	0,007	0,310
CHR7	16927077	CHR7:16927077	SSF x Near_LoA	-7,49033523	-0,103	0,313
CHR7	16927112	CHR7:16927112	SSF x Near_LoA	-9,62870529	-0,067	0,301
CHR7	16928748	CHR7:16928748	SSF x Near_LoA	-4,78098837	-0,097	0,307
CHR7	16928789	CHR7:16928789	SSF x Near_LoA	-7,68291958	0,043	0,334
CHR7	1693053	CHR7:1693053	SSF x Near_LoA	-6,89158356	-0,085	0,305
CHR7	1693131	CHR7:1693131	SSF x Near_LoA	-9,69842504	0,032	0,315
CHR7	1693352	CHR7:1693352	SSF x Near_LoA	-9,50938663	0,059	0,309
CHR7	16960987	CHR7:16960987	SSF x Near_LoA	-7,52276437	0,179	0,301
CHR7	16972919	CHR7:16972919	SSF x Near_LoA	-10,8778126	0,027	0,312
CHR7	16972942	CHR7:16972942	SSF x Near_LoA	-10,566244	0,022	0,306
CHR7	16976868	CHR7:16976868	SSF x Near_LoA	-10,435883	0,041	0,303
CHR7	16976870	CHR7:16976870	SSF x Near_LoA	-4,90572824	0,143	0,303
CHR7	16976955	CHR7:16976955	SSF x Near_LoA	-9,40386428	-0,085	0,306
CHR7	16977852	CHR7:16977852	SSF x Near_LoA	-10,4610498	0,121	0,296
CHR7	16986138	CHR7:16986138	SSF x Near_LoA	-8,26452608	-0,032	0,309
CHR7	16988233	CHR7:16988233	SSF x Near_LoA	-10,4880838	0,022	0,297
CHR7	16988236	CHR7:16988236	SSF x Near_LoA	-11,3908631	0,008	0,300
CHR7	17004881	CHR7:17004881	SSF x Near_LoA	-8,25341925	0,028	0,304
CHR7	1701898	CHR7:1701898	SSF x Near_LoA	-10,0695861	0,064	0,310
CHR7	1701905	CHR7:1701905	SSF x Near_LoA	-9,9541351	-0,060	0,315
CHR7	1701916	CHR7:1701916	SSF x Near_LoA	-8,63139898	-0,016	0,303
CHR7	17020668	CHR7:17020668	SSF x Near_LoA	-9,28341587	0,035	0,298
CHR7	17020750	CHR7:17020750	SSF x Near_LoA	-9,130745	0,068	0,312
CHR7	1702723	CHR7:1702723	SSF x Near_LoA	-9,33222606	-0,071	0,306
CHR7	1702785	CHR7:1702785	SSF x Near_LoA	-11,5777388	-0,002	0,311
CHR7	1702795	CHR7:1702795	SSF x Near_LoA	-5,91938265	-0,150	0,299
CHR7	17028456	CHR7:17028456	SSF x Near_LoA	-10,0095939	0,026	0,304
CHR7	1702880	CHR7:1702880	SSF x Near_LoA	-9,28039366	-0,079	0,309
CHR7	1702995	CHR7:1702995	SSF x Near_LoA	-8,35081933	0,107	0,303
CHR7	17033458	CHR7:17033458	SSF x Near_LoA	-10,3067408	0,029	0,302
CHR7	17033695	CHR7:17033695	SSF x Near_LoA	-8,351274	-0,073	0,304
CHR7	17033721	CHR7:17033721	SSF x Near_LoA	-9,74822445	0,026	0,318
CHR7	17042720	CHR7:17042720	SSF x Near_LoA	-6,53489077	0,053	0,303
CHR7	17051950	CHR7:17051950	SSF x Near_LoA	-8,26167517	-0,131	0,308
CHR7	17052077	CHR7:17052077	SSF x Near_LoA	-9,80616254	-0,012	0,311
CHR7	17054792	CHR7:17054792	SSF x Near_LoA	-7,48420942	-0,027	0,314
CHR7	17054873	CHR7:17054873	SSF x Near_LoA	-12,2753014	-0,026	0,294
CHR7	17057615	CHR7:17057615	SSF x Near_LoA	-8,49577125	-0,110	0,296
CHR7	17057637	CHR7:17057637	SSF x Near_LoA	-6,39065275	-0,004	0,318
CHR7	1707366	CHR7:1707366	SSF x Near_LoA	-10,4645373	-0,103	0,298
CHR7	17073667	CHR7:17073667	SSF x Near_LoA	-11,9508755	-0,045	0,308
CHR7	17073760	CHR7:17073760	SSF x Near_LoA	-8,15660092	-0,086	0,298
CHR7	1707545	CHR7:1707545	SSF x Near_LoA	-6,53315076	-0,048	0,298

CHR7	1707631	CHR7:1707631	SSF x Near_LoA	-10,2635157	-0,040	0,317
CHR7	17077408	CHR7:17077408	SSF x Near_LoA	-3,70435906	-0,114	0,306
CHR7	17077410	CHR7:17077410	SSF x Near_LoA	-9,72887977	-0,007	0,309
CHR7	17077425	CHR7:17077425	SSF x Near_LoA	-4,89596741	-0,018	0,318
CHR7	17080362	CHR7:17080362	SSF x Near_LoA	-11,7280484	-0,053	0,306
CHR7	17082835	CHR7:17082835	SSF x Near_LoA	-8,8239159	-0,104	0,315
CHR7	17087618	CHR7:17087618	SSF x Near_LoA	-11,7569732	-0,069	0,303
CHR7	17087782	CHR7:17087782	SSF x Near_LoA	-8,47146331	0,057	0,300
CHR7	1711253	CHR7:1711253	SSF x Near_LoA	-10,7551428	-0,011	0,304
CHR7	1711284	CHR7:1711284	SSF x Near_LoA	-10,2496068	0,058	0,311
CHR7	1711315	CHR7:1711315	SSF x Near_LoA	-6,95172108	-0,064	0,309
CHR7	1711429	CHR7:1711429	SSF x Near_LoA	-9,66133618	-0,046	0,310
CHR7	1711471	CHR7:1711471	SSF x Near_LoA	-9,06020162	0,051	0,288
CHR7	1711507	CHR7:1711507	SSF x Near_LoA	-10,6051487	-0,010	0,306
CHR7	17140208	CHR7:17140208	SSF x Near_LoA	-9,92546916	0,098	0,298
CHR7	17140370	CHR7:17140370	SSF x Near_LoA	-1,9899248	0,100	0,290
CHR7	17161029	CHR7:17161029	SSF x Near_LoA	-11,2982447	0,063	0,292
CHR7	17168975	CHR7:17168975	SSF x Near_LoA	-10,9209756	0,059	0,298
CHR7	17169066	CHR7:17169066	SSF x Near_LoA	-8,30528677	0,082	0,308
CHR7	17179575	CHR7:17179575	SSF x Near_LoA	8,33864698	-0,199	0,302
CHR7	17179682	CHR7:17179682	SSF x Near_LoA	-9,97583838	-0,047	0,296
CHR7	17183643	CHR7:17183643	SSF x Near_LoA	-8,42011921	-0,108	0,308
CHR7	17183657	CHR7:17183657	SSF x Near_LoA	-11,8360963	-0,021	0,302
CHR7	17186222	CHR7:17186222	SSF x Near_LoA	-7,99721213	-0,111	0,302
CHR7	17186232	CHR7:17186232	SSF x Near_LoA	-11,5001458	0,011	0,309
CHR7	17186249	CHR7:17186249	SSF x Near_LoA	-9,76210305	0,061	0,310
CHR7	17186422	CHR7:17186422	SSF x Near_LoA	-8,70617166	-0,084	0,311
CHR7	17195352	CHR7:17195352	SSF x Near_LoA	-11,1510147	0,040	0,310
CHR7	17195538	CHR7:17195538	SSF x Near_LoA	-10,7156286	-0,086	0,311
CHR7	17195574	CHR7:17195574	SSF x Near_LoA	-6,81892569	0,070	0,316
CHR7	17200829	CHR7:17200829	SSF x Near_LoA	-10,7398339	0,099	0,318
CHR7	17239011	CHR7:17239011	SSF x Near_LoA	-7,824557	-0,075	0,319
CHR7	17241497	CHR7:17241497	SSF x Near_LoA	-11,7842205	0,011	0,302
CHR7	17241670	CHR7:17241670	SSF x Near_LoA	-10,4395435	-0,071	0,304
CHR7	17243772	CHR7:17243772	SSF x Near_LoA	-8,73379138	-0,020	0,310
CHR7	17243810	CHR7:17243810	SSF x Near_LoA	-11,3363217	-0,020	0,296
CHR7	17255232	CHR7:17255232	SSF x Near_LoA	-10,9335727	0,016	0,306
CHR7	17255359	CHR7:17255359	SSF x Near_LoA	-9,1261776	-0,014	0,312
CHR7	1727657	CHR7:1727657	SSF x Near_LoA	-8,90863456	0,051	0,302
CHR7	1727748	CHR7:1727748	SSF x Near_LoA	-9,75547179	-0,100	0,308
CHR7	17279506	CHR7:17279506	SSF x Near_LoA	-8,98864279	-0,044	0,315
CHR7	1729479	CHR7:1729479	SSF x Near_LoA	-9,87206741	-0,017	0,296
CHR7	17296794	CHR7:17296794	SSF x Near_LoA	-11,6712887	0,052	0,300
CHR7	17308186	CHR7:17308186	SSF x Near_LoA	-11,7229612	-0,030	0,301
CHR7	17308307	CHR7:17308307	SSF x Near_LoA	-10,7862957	-0,099	0,297
CHR7	17308367	CHR7:17308367	SSF x Near_LoA	-9,62111278	-0,056	0,302
CHR7	17310871	CHR7:17310871	SSF x Near_LoA	-9,70985287	0,037	0,301
CHR7	17313011	CHR7:17313011	SSF x Near_LoA	-8,76075424	-0,083	0,300
CHR7	17313167	CHR7:17313167	SSF x Near_LoA	-8,08924466	-0,086	0,310
CHR7	17321332	CHR7:17321332	SSF x Near_LoA	-8,48613155	0,001	0,311
CHR7	1733284	CHR7:1733284	SSF x Near_LoA	-7,94123813	-0,102	0,300
CHR7	17348570	CHR7:17348570	SSF x Near_LoA	-10,4032227	0,058	0,300
CHR7	17348577	CHR7:17348577	SSF x Near_LoA	-8,15179368	0,007	0,304

CHR7	17348788	CHR7:17348788	SSF x Near_LoA	-11,0268301	0,057	0,297
CHR7	17355358	CHR7:17355358	SSF x Near_LoA	-5,9719238	-0,070	0,308
CHR7	17355466	CHR7:17355466	SSF x Near_LoA	-12,1377418	-0,052	0,308
CHR7	17355551	CHR7:17355551	SSF x Near_LoA	-10,2682637	0,040	0,313
CHR7	17355614	CHR7:17355614	SSF x Near_LoA	-9,15259057	0,038	0,298
CHR7	17355620	CHR7:17355620	SSF x Near_LoA	-8,55062254	0,078	0,301
CHR7	17356381	CHR7:17356381	SSF x Near_LoA	-10,3170225	0,028	0,309
CHR7	17356588	CHR7:17356588	SSF x Near_LoA	-7,36762511	0,105	0,315
CHR7	17367068	CHR7:17367068	SSF x Near_LoA	-5,04963228	0,045	0,295
CHR7	17367072	CHR7:17367072	SSF x Near_LoA	-7,81040644	-0,028	0,304
CHR7	17367079	CHR7:17367079	SSF x Near_LoA	-7,66214701	-0,069	0,298
CHR7	17367146	CHR7:17367146	SSF x Near_LoA	-8,38313933	0,181	0,287
CHR7	17367164	CHR7:17367164	SSF x Near_LoA	-9,08288381	0,046	0,324
CHR7	17376261	CHR7:17376261	SSF x Near_LoA	-10,1816011	-0,087	0,307
CHR7	17378442	CHR7:17378442	SSF x Near_LoA	-10,4780625	-0,071	0,294
CHR7	17378452	CHR7:17378452	SSF x Near_LoA	-11,2064526	-0,024	0,308
CHR7	17378505	CHR7:17378505	SSF x Near_LoA	-8,94496253	-0,189	0,295
CHR7	17378535	CHR7:17378535	SSF x Near_LoA	-8,3575369	-0,036	0,301
CHR7	17378591	CHR7:17378591	SSF x Near_LoA	-9,03104557	0,124	0,304
CHR7	17378593	CHR7:17378593	SSF x Near_LoA	2,95465176	-0,230	0,294
CHR7	1738104	CHR7:1738104	SSF x Near_LoA	-3,58851544	0,137	0,305
CHR7	1738122	CHR7:1738122	SSF x Near_LoA	-7,67224092	0,058	0,304
CHR7	1738126	CHR7:1738126	SSF x Near_LoA	-6,36859817	0,117	0,299
CHR7	17386121	CHR7:17386121	SSF x Near_LoA	-10,7435366	-0,047	0,297
CHR7	17386254	CHR7:17386254	SSF x Near_LoA	-10,9825681	-0,101	0,293
CHR7	17386264	CHR7:17386264	SSF x Near_LoA	-6,22814127	-0,111	0,303
CHR7	17387633	CHR7:17387633	SSF x Near_LoA	-8,81688564	-0,048	0,305
CHR7	17387724	CHR7:17387724	SSF x Near_LoA	-8,15882841	-0,093	0,296
CHR7	17387729	CHR7:17387729	SSF x Near_LoA	-8,45308703	0,067	0,323
CHR7	17387753	CHR7:17387753	SSF x Near_LoA	-8,10352258	0,069	0,318
CHR7	17396962	CHR7:17396962	SSF x Near_LoA	-8,2671629	0,025	0,312
CHR7	17396992	CHR7:17396992	SSF x Near_LoA	-8,70767596	0,012	0,321
CHR7	17410125	CHR7:17410125	SSF x Near_LoA	-9,72644273	-0,095	0,294
CHR7	17410254	CHR7:17410254	SSF x Near_LoA	-9,29600562	-0,054	0,322
CHR7	17440920	CHR7:17440920	SSF x Near_LoA	-7,11134843	0,040	0,301
CHR7	1746321	CHR7:1746321	SSF x Near_LoA	-9,22257084	0,017	0,303
CHR7	1746335	CHR7:1746335	SSF x Near_LoA	-9,21937884	-0,077	0,297
CHR7	17474184	CHR7:17474184	SSF x Near_LoA	-9,07585335	-0,137	0,300
CHR7	1748268	CHR7:1748268	SSF x Near_LoA	-10,3959582	0,011	0,314
CHR7	17494914	CHR7:17494914	SSF x Near_LoA	-1,73970199	-0,158	0,297
CHR7	17494970	CHR7:17494970	SSF x Near_LoA	-8,69198402	-0,076	0,295
CHR7	17494976	CHR7:17494976	SSF x Near_LoA	-8,91260461	0,174	0,298
CHR7	17495005	CHR7:17495005	SSF x Near_LoA	-10,7036413	0,072	0,309
CHR7	1749787	CHR7:1749787	SSF x Near_LoA	-9,77192283	0,020	0,306
CHR7	1749868	CHR7:1749868	SSF x Near_LoA	-10,1369081	-0,064	0,298
CHR7	17513664	CHR7:17513664	SSF x Near_LoA	-7,21768423	-0,140	0,303
CHR7	17513707	CHR7:17513707	SSF x Near_LoA	-8,23858526	0,133	0,301
CHR7	17513715	CHR7:17513715	SSF x Near_LoA	-10,8010846	0,003	0,299
CHR7	17513737	CHR7:17513737	SSF x Near_LoA	-7,16337979	0,170	0,279
CHR7	17513808	CHR7:17513808	SSF x Near_LoA	-11,6165851	0,036	0,302
CHR7	1751930	CHR7:1751930	SSF x Near_LoA	-8,07987053	0,006	0,302
CHR7	17521609	CHR7:17521609	SSF x Near_LoA	-8,36152096	0,075	0,307
CHR7	17524971	CHR7:17524971	SSF x Near_LoA	-5,30435524	-0,049	0,311

CHR7	17524974	CHR7:17524974	SSF x Near_LoA	-7,95920202	0,109	0,310
CHR7	17527103	CHR7:17527103	SSF x Near_LoA	-9,44318416	0,113	0,307
CHR7	17532715	CHR7:17532715	SSF x Near_LoA	-8,07952656	-0,041	0,319
CHR7	17533635	CHR7:17533635	SSF x Near_LoA	-8,28340706	0,001	0,291
CHR7	17536928	CHR7:17536928	SSF x Near_LoA	-10,158155	-0,010	0,317
CHR7	17538190	CHR7:17538190	SSF x Near_LoA	-11,0813678	0,097	0,301
CHR7	17539624	CHR7:17539624	SSF x Near_LoA	-9,13288439	0,005	0,309
CHR7	17539672	CHR7:17539672	SSF x Near_LoA	-7,57216474	-0,101	0,317
CHR7	17539695	CHR7:17539695	SSF x Near_LoA	-9,0956027	-0,093	0,307
CHR7	17539703	CHR7:17539703	SSF x Near_LoA	-7,74602367	-0,072	0,293
CHR7	17539712	CHR7:17539712	SSF x Near_LoA	-9,14387888	-0,080	0,291
CHR7	17539759	CHR7:17539759	SSF x Near_LoA	-10,4763027	0,018	0,318
CHR7	17539822	CHR7:17539822	SSF x Near_LoA	-9,31676707	0,000	0,308
CHR7	17539835	CHR7:17539835	SSF x Near_LoA	-7,73842356	-0,118	0,306
CHR7	17539865	CHR7:17539865	SSF x Near_LoA	-7,07462735	-0,013	0,318
CHR7	17539871	CHR7:17539871	SSF x Near_LoA	-6,76596017	-0,079	0,305
CHR7	17551625	CHR7:17551625	SSF x Near_LoA	-8,37118721	-0,030	0,311
CHR7	17551690	CHR7:17551690	SSF x Near_LoA	-10,7844842	0,023	0,309
CHR7	17561480	CHR7:17561480	SSF x Near_LoA	-5,94739725	-0,027	0,318
CHR7	17561516	CHR7:17561516	SSF x Near_LoA	-10,070029	-0,025	0,311
CHR7	17561527	CHR7:17561527	SSF x Near_LoA	-9,50428157	-0,086	0,318
CHR7	17561551	CHR7:17561551	SSF x Near_LoA	-10,6693479	0,081	0,300
CHR7	17561583	CHR7:17561583	SSF x Near_LoA	-9,61860164	-0,098	0,300
CHR7	17561590	CHR7:17561590	SSF x Near_LoA	-9,5025351	-0,042	0,310
CHR7	17561623	CHR7:17561623	SSF x Near_LoA	-9,7850646	-0,061	0,305
CHR7	17563984	CHR7:17563984	SSF x Near_LoA	-7,66867087	-0,067	0,312
CHR7	17564046	CHR7:17564046	SSF x Near_LoA	-8,17804924	-0,147	0,305
CHR7	17564055	CHR7:17564055	SSF x Near_LoA	-7,20274957	-0,065	0,308
CHR7	17564059	CHR7:17564059	SSF x Near_LoA	0,71879233	-0,056	0,321
CHR7	17564315	CHR7:17564315	SSF x Near_LoA	-5,7479838	0,165	0,304
CHR7	17569902	CHR7:17569902	SSF x Near_LoA	-2,89565292	-0,138	0,320
CHR7	17570079	CHR7:17570079	SSF x Near_LoA	-8,4719591	-0,035	0,316
CHR7	17570151	CHR7:17570151	SSF x Near_LoA	-7,85992917	-0,020	0,326
CHR7	17570187	CHR7:17570187	SSF x Near_LoA	-2,3553103	0,024	0,322
CHR7	17570676	CHR7:17570676	SSF x Near_LoA	-2,86020265	0,084	0,297
CHR7	17570763	CHR7:17570763	SSF x Near_LoA	-8,8782339	-0,015	0,307
CHR7	17573809	CHR7:17573809	SSF x Near_LoA	-10,7242062	0,092	0,292
CHR7	17578117	CHR7:17578117	SSF x Near_LoA	-8,05257354	0,081	0,307
CHR7	17578210	CHR7:17578210	SSF x Near_LoA	-11,4378184	-0,029	0,305
CHR7	17580349	CHR7:17580349	SSF x Near_LoA	-7,70374801	0,038	0,320
CHR7	17580463	CHR7:17580463	SSF x Near_LoA	-11,4025247	0,054	0,312
CHR7	17581126	CHR7:17581126	SSF x Near_LoA	-11,877114	0,011	0,306
CHR7	17581174	CHR7:17581174	SSF x Near_LoA	-11,4040432	0,016	0,299
CHR7	17584277	CHR7:17584277	SSF x Near_LoA	-8,4375433	-0,025	0,317
CHR7	17585165	CHR7:17585165	SSF x Near_LoA	-8,50831148	0,055	0,317
CHR7	17585196	CHR7:17585196	SSF x Near_LoA	-12,3941179	-0,078	0,304
CHR7	17590525	CHR7:17590525	SSF x Near_LoA	-10,3606962	0,083	0,309
CHR7	17590530	CHR7:17590530	SSF x Near_LoA	-8,52193245	0,019	0,308
CHR7	17590550	CHR7:17590550	SSF x Near_LoA	-9,71035786	0,079	0,311
CHR7	17590592	CHR7:17590592	SSF x Near_LoA	-11,5524729	-0,095	0,305
CHR7	17590602	CHR7:17590602	SSF x Near_LoA	-10,9585698	-0,124	0,303
CHR7	17590648	CHR7:17590648	SSF x Near_LoA	-7,05761822	-0,019	0,319
CHR7	17593953	CHR7:17593953	SSF x Near_LoA	-9,15924477	-0,086	0,307

CHR7	17593994	CHR7:17593994	SSF x Near_LoA	-6,11998529	0,038	0,304
CHR7	17603348	CHR7:17603348	SSF x Near_LoA	-8,97473177	-0,034	0,302
CHR7	17609926	CHR7:17609926	SSF x Near_LoA	-9,35533855	-0,146	0,300
CHR7	17610039	CHR7:17610039	SSF x Near_LoA	-8,79424562	-0,051	0,313
CHR7	17611691	CHR7:17611691	SSF x Near_LoA	-10,3014496	-0,106	0,310
CHR7	17612238	CHR7:17612238	SSF x Near_LoA	-8,88826661	-0,079	0,315
CHR7	17630347	CHR7:17630347	SSF x Near_LoA	-10,5518337	0,005	0,309
CHR7	17630393	CHR7:17630393	SSF x Near_LoA	-10,694021	-0,075	0,305
CHR7	17630430	CHR7:17630430	SSF x Near_LoA	-1,7931736	-0,147	0,294
CHR7	17630432	CHR7:17630432	SSF x Near_LoA	-6,77918893	-0,141	0,306
CHR7	17630435	CHR7:17630435	SSF x Near_LoA	-8,69526915	-0,141	0,292
CHR7	17630523	CHR7:17630523	SSF x Near_LoA	-0,58291733	-0,110	0,295
CHR7	17630682	CHR7:17630682	SSF x Near_LoA	-10,0147679	0,061	0,308
CHR7	17636888	CHR7:17636888	SSF x Near_LoA	-10,744007	0,008	0,299
CHR7	1764239	CHR7:1764239	SSF x Near_LoA	-9,355384	0,117	0,280
CHR7	1764240	CHR7:1764240	SSF x Near_LoA	-6,46704222	0,145	0,310
CHR7	1764319	CHR7:1764319	SSF x Near_LoA	0,28183327	-0,071	0,303
CHR7	1764357	CHR7:1764357	SSF x Near_LoA	-9,64919419	-0,112	0,310
CHR7	1765383	CHR7:1765383	SSF x Near_LoA	-11,2648246	-0,027	0,314
CHR7	17659986	CHR7:17659986	SSF x Near_LoA	-8,41752155	0,024	0,290
CHR7	17660009	CHR7:17660009	SSF x Near_LoA	-9,78182687	-0,083	0,309
CHR7	17660012	CHR7:17660012	SSF x Near_LoA	-10,8170282	-0,067	0,298
CHR7	17660096	CHR7:17660096	SSF x Near_LoA	-4,92024761	0,196	0,307
CHR7	17660144	CHR7:17660144	SSF x Near_LoA	-9,92292347	-0,069	0,286
CHR7	17660195	CHR7:17660195	SSF x Near_LoA	-9,08923596	0,107	0,300
CHR7	17683512	CHR7:17683512	SSF x Near_LoA	-7,84864657	-0,055	0,307
CHR7	17683541	CHR7:17683541	SSF x Near_LoA	-8,3566349	0,119	0,321
CHR7	17683578	CHR7:17683578	SSF x Near_LoA	-11,3885447	-0,028	0,305
CHR7	17683583	CHR7:17683583	SSF x Near_LoA	-5,81703566	-0,075	0,320
CHR7	17683585	CHR7:17683585	SSF x Near_LoA	-10,2200359	-0,048	0,302
CHR7	17683586	CHR7:17683586	SSF x Near_LoA	-9,38827702	0,049	0,313
CHR7	17683606	CHR7:17683606	SSF x Near_LoA	-9,16713853	0,116	0,295
CHR7	17683610	CHR7:17683610	SSF x Near_LoA	-11,1486456	-0,016	0,313
CHR7	17683618	CHR7:17683618	SSF x Near_LoA	-11,4369925	-0,035	0,299
CHR7	17683625	CHR7:17683625	SSF x Near_LoA	-1,8111763	-0,135	0,319
CHR7	17683679	CHR7:17683679	SSF x Near_LoA	-10,3206718	-0,026	0,322
CHR7	17683682	CHR7:17683682	SSF x Near_LoA	-11,89724	0,044	0,300
CHR7	17683721	CHR7:17683721	SSF x Near_LoA	-10,5906006	0,017	0,300
CHR7	17685644	CHR7:17685644	SSF x Near_LoA	-12,088605	-0,101	0,301
CHR7	17685809	CHR7:17685809	SSF x Near_LoA	-8,57404622	0,065	0,309
CHR7	17689285	CHR7:17689285	SSF x Near_LoA	-9,17080491	-0,025	0,308
CHR7	17699845	CHR7:17699845	SSF x Near_LoA	-7,23499794	0,115	0,305
CHR7	17699920	CHR7:17699920	SSF x Near_LoA	-9,77667186	-0,075	0,307
CHR7	17700027	CHR7:17700027	SSF x Near_LoA	-10,1169722	-0,054	0,303
CHR7	17700040	CHR7:17700040	SSF x Near_LoA	-8,98375706	-0,023	0,304
CHR7	17700053	CHR7:17700053	SSF x Near_LoA	8,01367873	0,073	0,312
CHR7	17700057	CHR7:17700057	SSF x Near_LoA	-11,1798277	0,067	0,296
CHR7	17700060	CHR7:17700060	SSF x Near_LoA	-9,76577354	-0,073	0,313
CHR7	17701882	CHR7:17701882	SSF x Near_LoA	-8,77982729	-0,097	0,313
CHR7	17702122	CHR7:17702122	SSF x Near_LoA	-9,71387886	-0,035	0,315
CHR7	17702136	CHR7:17702136	SSF x Near_LoA	-10,2737644	0,133	0,305
CHR7	17704610	CHR7:17704610	SSF x Near_LoA	-9,50686669	-0,126	0,310
CHR7	17704641	CHR7:17704641	SSF x Near_LoA	-9,04071907	0,104	0,308

CHR7	17704659	CHR7:17704659	SSF x Near_LoA	-8,47697944	0,130	0,301
CHR7	17705266	CHR7:17705266	SSF x Near_LoA	-7,3313929	-0,114	0,303
CHR7	17705289	CHR7:17705289	SSF x Near_LoA	-10,1115726	0,063	0,298
CHR7	17714443	CHR7:17714443	SSF x Near_LoA	-11,3077985	-0,057	0,293
CHR7	17714447	CHR7:17714447	SSF x Near_LoA	-11,3430734	0,099	0,299
CHR7	17714455	CHR7:17714455	SSF x Near_LoA	-9,60236286	-0,032	0,309
CHR7	17714522	CHR7:17714522	SSF x Near_LoA	-2,32031207	-0,059	0,296
CHR7	17714557	CHR7:17714557	SSF x Near_LoA	-8,72315878	0,057	0,298
CHR7	17715545	CHR7:17715545	SSF x Near_LoA	-8,41975329	-0,188	0,304
CHR7	17720943	CHR7:17720943	SSF x Near_LoA	-4,6636848	-0,118	0,299
CHR7	17720965	CHR7:17720965	SSF x Near_LoA	-10,3019862	0,130	0,295
CHR7	17720998	CHR7:17720998	SSF x Near_LoA	-9,640808	-0,160	0,305
CHR7	17721017	CHR7:17721017	SSF x Near_LoA	-6,35662141	-0,133	0,318
CHR7	17721128	CHR7:17721128	SSF x Near_LoA	-10,8780168	0,051	0,313
CHR7	17721206	CHR7:17721206	SSF x Near_LoA	-8,67928473	-0,144	0,302
CHR7	17724950	CHR7:17724950	SSF x Near_LoA	-11,6253048	-0,102	0,313
CHR7	17725006	CHR7:17725006	SSF x Near_LoA	-4,91232381	-0,071	0,312
CHR7	17731201	CHR7:17731201	SSF x Near_LoA	-9,68478301	0,054	0,293
CHR7	17731241	CHR7:17731241	SSF x Near_LoA	-9,50994026	-0,006	0,321
CHR7	17731911	CHR7:17731911	SSF x Near_LoA	-8,2373945	-0,070	0,296
CHR7	17732007	CHR7:17732007	SSF x Near_LoA	-11,9095344	-0,018	0,299
CHR7	17735342	CHR7:17735342	SSF x Near_LoA	-8,59198796	-0,064	0,305
CHR7	17735343	CHR7:17735343	SSF x Near_LoA	-7,87399952	0,200	0,297
CHR7	17735360	CHR7:17735360	SSF x Near_LoA	-8,91909526	-0,147	0,299
CHR7	17743448	CHR7:17743448	SSF x Near_LoA	-6,71136083	0,022	0,321
CHR7	17743451	CHR7:17743451	SSF x Near_LoA	-9,40790904	0,016	0,299
CHR7	17743549	CHR7:17743549	SSF x Near_LoA	-10,557004	0,027	0,314
CHR7	17744041	CHR7:17744041	SSF x Near_LoA	-7,40225958	0,066	0,298
CHR7	17745031	CHR7:17745031	SSF x Near_LoA	-10,9119555	0,047	0,310
CHR7	17764977	CHR7:17764977	SSF x Near_LoA	-10,9685861	0,017	0,321
CHR7	177706	CHR7:177706	SSF x Near_LoA	-8,85510373	0,032	0,300
CHR7	17773179	CHR7:17773179	SSF x Near_LoA	-9,02904928	0,040	0,306
CHR7	17778493	CHR7:17778493	SSF x Near_LoA	-8,06254782	0,082	0,296
CHR7	17778525	CHR7:17778525	SSF x Near_LoA	-8,51889627	0,076	0,284
CHR7	17778528	CHR7:17778528	SSF x Near_LoA	-9,03599773	0,063	0,282
CHR7	17797058	CHR7:17797058	SSF x Near_LoA	-10,1172487	-0,059	0,319
CHR7	17797301	CHR7:17797301	SSF x Near_LoA	-11,755797	0,026	0,300
CHR7	17801595	CHR7:17801595	SSF x Near_LoA	-10,1232446	-0,091	0,299
CHR7	17801635	CHR7:17801635	SSF x Near_LoA	-4,96058282	0,243	0,293
CHR7	17803324	CHR7:17803324	SSF x Near_LoA	-11,1384403	0,098	0,289
CHR7	17803325	CHR7:17803325	SSF x Near_LoA	-9,12729207	0,055	0,313
CHR7	17808657	CHR7:17808657	SSF x Near_LoA	-8,48533376	0,085	0,295
CHR7	17808791	CHR7:17808791	SSF x Near_LoA	-8,15039869	-0,004	0,318
CHR7	17808792	CHR7:17808792	SSF x Near_LoA	-9,4099186	0,023	0,304
CHR7	17808801	CHR7:17808801	SSF x Near_LoA	-11,2805272	0,024	0,314
CHR7	17808844	CHR7:17808844	SSF x Near_LoA	-9,31877784	0,017	0,307
CHR7	1781172	CHR7:1781172	SSF x Near_LoA	-8,83217508	-0,109	0,324
CHR7	17814697	CHR7:17814697	SSF x Near_LoA	-9,11881319	-0,086	0,313
CHR7	17814712	CHR7:17814712	SSF x Near_LoA	-11,005532	-0,081	0,301
CHR7	17814891	CHR7:17814891	SSF x Near_LoA	-7,27410622	0,091	0,314
CHR7	17820892	CHR7:17820892	SSF x Near_LoA	-9,15430257	0,088	0,310
CHR7	17820907	CHR7:17820907	SSF x Near_LoA	-9,59309584	-0,113	0,306
CHR7	17824826	CHR7:17824826	SSF x Near_LoA	-2,60143655	-0,219	0,298

CHR7	17824862	CHR7:17824862	SSF x Near_LoA	-5,14450871	0,158	0,298
CHR7	17828533	CHR7:17828533	SSF x Near_LoA	-10,8266102	-0,054	0,313
CHR7	17828763	CHR7:17828763	SSF x Near_LoA	-5,13244079	-0,040	0,304
CHR7	17831674	CHR7:17831674	SSF x Near_LoA	-8,76263895	0,147	0,297
CHR7	17832387	CHR7:17832387	SSF x Near_LoA	-7,72058587	0,043	0,305
CHR7	17840391	CHR7:17840391	SSF x Near_LoA	-7,87225304	0,170	0,308
CHR7	17845342	CHR7:17845342	SSF x Near_LoA	-11,0050349	-0,012	0,303
CHR7	17845369	CHR7:17845369	SSF x Near_LoA	-8,58753802	0,079	0,309
CHR7	17845372	CHR7:17845372	SSF x Near_LoA	-5,91495157	0,069	0,316
CHR7	17845415	CHR7:17845415	SSF x Near_LoA	-9,37298464	0,057	0,317
CHR7	17848577	CHR7:17848577	SSF x Near_LoA	-11,0465498	-0,058	0,303
CHR7	17849189	CHR7:17849189	SSF x Near_LoA	-5,36144742	0,040	0,311
CHR7	1785145	CHR7:1785145	SSF x Near_LoA	-9,08021753	-0,020	0,307
CHR7	1785166	CHR7:1785166	SSF x Near_LoA	-11,325591	-0,022	0,310
CHR7	1785168	CHR7:1785168	SSF x Near_LoA	-11,0321476	-0,036	0,302
CHR7	1785173	CHR7:1785173	SSF x Near_LoA	-7,19799411	0,085	0,302
CHR7	17852939	CHR7:17852939	SSF x Near_LoA	-6,29593573	0,028	0,303
CHR7	17853048	CHR7:17853048	SSF x Near_LoA	-7,17044756	-0,113	0,325
CHR7	17853076	CHR7:17853076	SSF x Near_LoA	-10,3669401	-0,085	0,302
CHR7	17855072	CHR7:17855072	SSF x Near_LoA	-11,1516953	-0,055	0,302
CHR7	17857666	CHR7:17857666	SSF x Near_LoA	-4,39471527	0,234	0,283
CHR7	17857674	CHR7:17857674	SSF x Near_LoA	-6,1631301	0,210	0,286
CHR7	17857690	CHR7:17857690	SSF x Near_LoA	-2,86805324	0,241	0,274
CHR7	17857710	CHR7:17857710	SSF x Near_LoA	-8,92620767	0,001	0,301
CHR7	17857746	CHR7:17857746	SSF x Near_LoA	-6,68510114	0,208	0,289
CHR7	17857748	CHR7:17857748	SSF x Near_LoA	1,2149195	0,174	0,297
CHR7	17857762	CHR7:17857762	SSF x Near_LoA	-10,5175577	-0,158	0,311
CHR7	17857774	CHR7:17857774	SSF x Near_LoA	-7,24863093	0,186	0,307
CHR7	17857879	CHR7:17857879	SSF x Near_LoA	-9,14272254	0,194	0,294
CHR7	17865816	CHR7:17865816	SSF x Near_LoA	-8,41775621	-0,012	0,296
CHR7	17865822	CHR7:17865822	SSF x Near_LoA	-8,82613104	-0,068	0,293
CHR7	17865846	CHR7:17865846	SSF x Near_LoA	-4,15026769	0,124	0,319
CHR7	17865847	CHR7:17865847	SSF x Near_LoA	-8,86503096	-0,069	0,317
CHR7	17865953	CHR7:17865953	SSF x Near_LoA	-9,80697711	-0,070	0,313
CHR7	1787892	CHR7:1787892	SSF x Near_LoA	-8,0480573	0,121	0,314
CHR7	17880709	CHR7:17880709	SSF x Near_LoA	-8,93768536	0,025	0,308
CHR7	17880720	CHR7:17880720	SSF x Near_LoA	-8,36885332	-0,066	0,316
CHR7	17880736	CHR7:17880736	SSF x Near_LoA	-10,0440376	0,055	0,307
CHR7	17880770	CHR7:17880770	SSF x Near_LoA	-9,50528693	-0,024	0,306
CHR7	17883081	CHR7:17883081	SSF x Near_LoA	-8,27165225	0,081	0,326
CHR7	17883087	CHR7:17883087	SSF x Near_LoA	-10,673241	-0,104	0,301
CHR7	17883187	CHR7:17883187	SSF x Near_LoA	-11,56177	-0,091	0,304
CHR7	17883244	CHR7:17883244	SSF x Near_LoA	-9,76429534	-0,045	0,308
CHR7	17883299	CHR7:17883299	SSF x Near_LoA	-10,4795773	-0,066	0,297
CHR7	17883310	CHR7:17883310	SSF x Near_LoA	-11,0726955	-0,018	0,297
CHR7	17883340	CHR7:17883340	SSF x Near_LoA	-12,0246131	-0,046	0,309
CHR7	17889101	CHR7:17889101	SSF x Near_LoA	-9,57011231	0,025	0,308
CHR7	17889188	CHR7:17889188	SSF x Near_LoA	-8,97565931	-0,031	0,323
CHR7	17889269	CHR7:17889269	SSF x Near_LoA	-10,2185385	0,059	0,298
CHR7	17889283	CHR7:17889283	SSF x Near_LoA	-11,0209746	-0,008	0,303
CHR7	17889319	CHR7:17889319	SSF x Near_LoA	-8,57575297	0,062	0,300
CHR7	17890958	CHR7:17890958	SSF x Near_LoA	-10,297817	0,143	0,298
CHR7	17893962	CHR7:17893962	SSF x Near_LoA	-8,33286624	-0,094	0,307

CHR7	17894034	CHR7:17894034	SSF x Near_LoA	-9,01792037	0,039	0,311
CHR7	17894036	CHR7:17894036	SSF x Near_LoA	-12,2387676	-0,057	0,301
CHR7	17894066	CHR7:17894066	SSF x Near_LoA	-8,62386641	0,077	0,303
CHR7	17896316	CHR7:17896316	SSF x Near_LoA	-10,217328	-0,070	0,316
CHR7	17896341	CHR7:17896341	SSF x Near_LoA	-8,79621056	0,001	0,314
CHR7	17896343	CHR7:17896343	SSF x Near_LoA	-9,3025543	-0,008	0,305
CHR7	17896372	CHR7:17896372	SSF x Near_LoA	-9,79211808	0,014	0,319
CHR7	17896377	CHR7:17896377	SSF x Near_LoA	-7,70913062	-0,068	0,309
CHR7	17896460	CHR7:17896460	SSF x Near_LoA	-9,62017577	0,009	0,315
CHR7	17896475	CHR7:17896475	SSF x Near_LoA	-10,7035329	-0,032	0,301
CHR7	17896488	CHR7:17896488	SSF x Near_LoA	-11,3732839	0,000	0,309
CHR7	1790418	CHR7:1790418	SSF x Near_LoA	-9,61658694	0,063	0,301
CHR7	17905853	CHR7:17905853	SSF x Near_LoA	-11,4371327	-0,016	0,307
CHR7	17905959	CHR7:17905959	SSF x Near_LoA	-8,59741288	0,134	0,308
CHR7	17908590	CHR7:17908590	SSF x Near_LoA	-8,69020218	-0,006	0,309
CHR7	17912355	CHR7:17912355	SSF x Near_LoA	-10,3887597	-0,041	0,314
CHR7	17913615	CHR7:17913615	SSF x Near_LoA	-11,8122344	-0,037	0,294
CHR7	17913659	CHR7:17913659	SSF x Near_LoA	-9,28266423	-0,095	0,301
CHR7	17928077	CHR7:17928077	SSF x Near_LoA	-7,14489489	-0,071	0,313
CHR7	17928208	CHR7:17928208	SSF x Near_LoA	-10,2851566	0,083	0,291
CHR7	17928247	CHR7:17928247	SSF x Near_LoA	-8,71669546	-0,006	0,307
CHR7	17933754	CHR7:17933754	SSF x Near_LoA	-8,41917226	-0,091	0,303
CHR7	17939479	CHR7:17939479	SSF x Near_LoA	-10,3645748	0,111	0,280
CHR7	17939659	CHR7:17939659	SSF x Near_LoA	-6,91777321	-0,093	0,307
CHR7	17939665	CHR7:17939665	SSF x Near_LoA	-10,9454409	0,046	0,297
CHR7	17939682	CHR7:17939682	SSF x Near_LoA	-11,7486262	-0,047	0,305
CHR7	17944105	CHR7:17944105	SSF x Near_LoA	-8,84007564	0,050	0,298
CHR7	17949540	CHR7:17949540	SSF x Near_LoA	-10,8903108	-0,012	0,317
CHR7	17955905	CHR7:17955905	SSF x Near_LoA	-9,26196512	0,141	0,316
CHR7	17955907	CHR7:17955907	SSF x Near_LoA	-4,05815502	0,104	0,300
CHR7	17955948	CHR7:17955948	SSF x Near_LoA	-10,1185909	-0,072	0,318
CHR7	17955964	CHR7:17955964	SSF x Near_LoA	-10,2258614	0,088	0,321
CHR7	17958404	CHR7:17958404	SSF x Near_LoA	-5,54281095	0,214	0,291
CHR7	1797522	CHR7:1797522	SSF x Near_LoA	-8,734892	-0,010	0,309
CHR7	1797632	CHR7:1797632	SSF x Near_LoA	-11,7664623	0,030	0,307
CHR7	1797639	CHR7:1797639	SSF x Near_LoA	-8,7829694	-0,014	0,305
CHR7	1797656	CHR7:1797656	SSF x Near_LoA	-11,4415487	-0,049	0,299
CHR7	17978453	CHR7:17978453	SSF x Near_LoA	-7,67929486	-0,087	0,311
CHR7	17978454	CHR7:17978454	SSF x Near_LoA	-6,9025334	-0,035	0,311
CHR7	17978510	CHR7:17978510	SSF x Near_LoA	-5,43418639	0,113	0,301
CHR7	17978645	CHR7:17978645	SSF x Near_LoA	-8,24504872	-0,006	0,312
CHR7	17984280	CHR7:17984280	SSF x Near_LoA	-11,3098146	0,016	0,309
CHR7	17984370	CHR7:17984370	SSF x Near_LoA	-6,98322117	-0,167	0,288
CHR7	17986160	CHR7:17986160	SSF x Near_LoA	-6,68375595	0,105	0,317
CHR7	17986173	CHR7:17986173	SSF x Near_LoA	-9,35551314	-0,064	0,307
CHR7	18018236	CHR7:18018236	SSF x Near_LoA	-11,4498766	0,018	0,316
CHR7	18018239	CHR7:18018239	SSF x Near_LoA	-11,9983514	-0,019	0,302
CHR7	18023587	CHR7:18023587	SSF x Near_LoA	-6,19066091	-0,172	0,315
CHR7	18025535	CHR7:18025535	SSF x Near_LoA	-8,88280018	-0,025	0,310
CHR7	18025554	CHR7:18025554	SSF x Near_LoA	-8,69854748	0,142	0,317
CHR7	18042619	CHR7:18042619	SSF x Near_LoA	-8,36022947	0,053	0,311
CHR7	18042792	CHR7:18042792	SSF x Near_LoA	-11,6428633	-0,028	0,316
CHR7	18044385	CHR7:18044385	SSF x Near_LoA	-9,08951736	0,051	0,308

CHR7	18048251	CHR7:18048251	SSF x Near_LoA	-5,18094751	0,134	0,300
CHR7	1804942	CHR7:1804942	SSF x Near_LoA	-8,45212506	-0,010	0,298
CHR7	18055938	CHR7:18055938	SSF x Near_LoA	-8,41518019	-0,066	0,299
CHR7	18055949	CHR7:18055949	SSF x Near_LoA	-8,95497224	0,010	0,300
CHR7	18055971	CHR7:18055971	SSF x Near_LoA	-7,28788098	-0,142	0,300
CHR7	18055989	CHR7:18055989	SSF x Near_LoA	-9,26987138	0,051	0,307
CHR7	18055993	CHR7:18055993	SSF x Near_LoA	-6,9709714	-0,145	0,317
CHR7	18068077	CHR7:18068077	SSF x Near_LoA	-6,94800638	0,050	0,313
CHR7	18068084	CHR7:18068084	SSF x Near_LoA	-9,08239268	-0,015	0,307
CHR7	18068197	CHR7:18068197	SSF x Near_LoA	-11,1412085	-0,006	0,322
CHR7	18075527	CHR7:18075527	SSF x Near_LoA	-10,5467013	0,045	0,310
CHR7	18085706	CHR7:18085706	SSF x Near_LoA	-9,15190423	-0,083	0,311
CHR7	18092353	CHR7:18092353	SSF x Near_LoA	-8,09008321	-0,008	0,308
CHR7	18092399	CHR7:18092399	SSF x Near_LoA	-7,78346712	0,011	0,306
CHR7	18098166	CHR7:18098166	SSF x Near_LoA	-6,87980214	0,118	0,305
CHR7	18100468	CHR7:18100468	SSF x Near_LoA	-7,65400913	0,043	0,291
CHR7	18107986	CHR7:18107986	SSF x Near_LoA	-10,4540599	0,064	0,316
CHR7	18108157	CHR7:18108157	SSF x Near_LoA	-8,33608864	0,077	0,309
CHR7	18108223	CHR7:18108223	SSF x Near_LoA	-11,8704074	-0,057	0,313
CHR7	18114710	CHR7:18114710	SSF x Near_LoA	-8,71619072	-0,012	0,298
CHR7	18114840	CHR7:18114840	SSF x Near_LoA	-8,50402379	-0,052	0,307
CHR7	18120418	CHR7:18120418	SSF x Near_LoA	-10,7871408	0,001	0,305
CHR7	18120434	CHR7:18120434	SSF x Near_LoA	-8,40999142	0,036	0,294
CHR7	18120688	CHR7:18120688	SSF x Near_LoA	-6,614317	-0,024	0,295
CHR7	18128531	CHR7:18128531	SSF x Near_LoA	-8,88798749	0,132	0,292
CHR7	18128534	CHR7:18128534	SSF x Near_LoA	-4,87888755	-0,211	0,314
CHR7	18134347	CHR7:18134347	SSF x Near_LoA	-10,1500504	-0,011	0,309
CHR7	18134409	CHR7:18134409	SSF x Near_LoA	-7,74827438	0,025	0,322
CHR7	18134449	CHR7:18134449	SSF x Near_LoA	-8,38341864	-0,080	0,306
CHR7	18134459	CHR7:18134459	SSF x Near_LoA	-8,82461227	0,046	0,300
CHR7	18134464	CHR7:18134464	SSF x Near_LoA	-7,44917495	0,034	0,310
CHR7	18134510	CHR7:18134510	SSF x Near_LoA	-9,94577511	0,077	0,310
CHR7	18134528	CHR7:18134528	SSF x Near_LoA	-1,62830022	0,154	0,306
CHR7	18136798	CHR7:18136798	SSF x Near_LoA	-10,2771811	0,074	0,310
CHR7	18136828	CHR7:18136828	SSF x Near_LoA	-9,70015769	0,030	0,307
CHR7	18156768	CHR7:18156768	SSF x Near_LoA	-9,26383159	-0,107	0,317
CHR7	18156897	CHR7:18156897	SSF x Near_LoA	-9,77089891	-0,054	0,317
CHR7	18157403	CHR7:18157403	SSF x Near_LoA	-9,5016736	0,012	0,308
CHR7	18157423	CHR7:18157423	SSF x Near_LoA	-9,32941622	-0,052	0,302
CHR7	18157425	CHR7:18157425	SSF x Near_LoA	-8,90232266	0,048	0,301
CHR7	18164198	CHR7:18164198	SSF x Near_LoA	-9,20439811	0,096	0,326
CHR7	18164201	CHR7:18164201	SSF x Near_LoA	-9,53130918	0,017	0,309
CHR7	18164203	CHR7:18164203	SSF x Near_LoA	-3,19075957	0,023	0,314
CHR7	18164218	CHR7:18164218	SSF x Near_LoA	-11,5620354	0,003	0,298
CHR7	18164320	CHR7:18164320	SSF x Near_LoA	-11,2584088	0,008	0,306
CHR7	18164326	CHR7:18164326	SSF x Near_LoA	-9,7289435	0,072	0,313
CHR7	18165986	CHR7:18165986	SSF x Near_LoA	-10,2187908	-0,021	0,317
CHR7	18165990	CHR7:18165990	SSF x Near_LoA	-8,72805431	-0,033	0,309
CHR7	18168276	CHR7:18168276	SSF x Near_LoA	-8,65112473	0,077	0,314
CHR7	18168348	CHR7:18168348	SSF x Near_LoA	-7,65838193	0,134	0,303
CHR7	18171795	CHR7:18171795	SSF x Near_LoA	-10,6919257	-0,021	0,306
CHR7	18171850	CHR7:18171850	SSF x Near_LoA	-10,0718629	-0,110	0,303
CHR7	18171870	CHR7:18171870	SSF x Near_LoA	-8,41786237	0,041	0,299

CHR7	18172533	CHR7:18172533	SSF x Near_LoA	-10,5457323	-0,019	0,311
CHR7	18174192	CHR7:18174192	SSF x Near_LoA	-8,51506452	-0,021	0,300
CHR7	18178190	CHR7:18178190	SSF x Near_LoA	-8,21463047	-0,041	0,317
CHR7	18178194	CHR7:18178194	SSF x Near_LoA	-6,35691405	-0,132	0,303
CHR7	18181356	CHR7:18181356	SSF x Near_LoA	-10,8154861	0,049	0,310
CHR7	18187416	CHR7:18187416	SSF x Near_LoA	-10,3835596	0,027	0,320
CHR7	18193964	CHR7:18193964	SSF x Near_LoA	-8,85817519	-0,061	0,313
CHR7	18200613	CHR7:18200613	SSF x Near_LoA	-8,8808072	-0,015	0,299
CHR7	18200635	CHR7:18200635	SSF x Near_LoA	-3,57091703	0,047	0,306
CHR7	18200682	CHR7:18200682	SSF x Near_LoA	-10,2663174	-0,004	0,309
CHR7	18200685	CHR7:18200685	SSF x Near_LoA	-11,6707124	0,047	0,299
CHR7	18200686	CHR7:18200686	SSF x Near_LoA	-12,1153462	-0,032	0,302
CHR7	18215022	CHR7:18215022	SSF x Near_LoA	-10,6257762	0,013	0,290
CHR7	18215140	CHR7:18215140	SSF x Near_LoA	-10,8018217	0,007	0,304
CHR7	18215201	CHR7:18215201	SSF x Near_LoA	-10,5850811	0,023	0,290
CHR7	18219333	CHR7:18219333	SSF x Near_LoA	-10,8320091	-0,036	0,303
CHR7	18219485	CHR7:18219485	SSF x Near_LoA	-10,9041551	0,115	0,290
CHR7	18224948	CHR7:18224948	SSF x Near_LoA	-8,41148057	0,112	0,299
CHR7	18224953	CHR7:18224953	SSF x Near_LoA	-7,04131512	-0,042	0,314
CHR7	18224956	CHR7:18224956	SSF x Near_LoA	-11,0550769	0,017	0,312
CHR7	18225018	CHR7:18225018	SSF x Near_LoA	-8,14284167	0,102	0,292
CHR7	18226562	CHR7:18226562	SSF x Near_LoA	-9,78836057	-0,096	0,315
CHR7	18226641	CHR7:18226641	SSF x Near_LoA	-9,72277884	0,037	0,318
CHR7	18226644	CHR7:18226644	SSF x Near_LoA	-11,8500577	-0,020	0,300
CHR7	18226656	CHR7:18226656	SSF x Near_LoA	-8,68578801	0,054	0,306
CHR7	18230561	CHR7:18230561	SSF x Near_LoA	-10,2418456	-0,014	0,312
CHR7	18240446	CHR7:18240446	SSF x Near_LoA	-10,4128269	0,165	0,291
CHR7	18240486	CHR7:18240486	SSF x Near_LoA	-8,18663322	0,087	0,297
CHR7	18240491	CHR7:18240491	SSF x Near_LoA	-10,4056992	0,091	0,315
CHR7	18240533	CHR7:18240533	SSF x Near_LoA	-10,5676567	0,083	0,301
CHR7	18261239	CHR7:18261239	SSF x Near_LoA	-8,98271898	0,011	0,310
CHR7	1826246	CHR7:1826246	SSF x Near_LoA	-5,68532826	0,145	0,308
CHR7	1826269	CHR7:1826269	SSF x Near_LoA	-5,85971534	0,191	0,287
CHR7	1826401	CHR7:1826401	SSF x Near_LoA	-9,38471992	0,132	0,299
CHR7	1826406	CHR7:1826406	SSF x Near_LoA	-9,78346978	-0,070	0,299
CHR7	1826434	CHR7:1826434	SSF x Near_LoA	-8,92525033	0,049	0,316
CHR7	1828790	CHR7:1828790	SSF x Near_LoA	-9,46766159	-0,102	0,299
CHR7	1828812	CHR7:1828812	SSF x Near_LoA	-11,9215618	-0,019	0,299
CHR7	18289770	CHR7:18289770	SSF x Near_LoA	-11,6967188	-0,010	0,317
CHR7	18289789	CHR7:18289789	SSF x Near_LoA	-8,75526464	0,024	0,310
CHR7	18289797	CHR7:18289797	SSF x Near_LoA	-9,70963411	-0,081	0,301
CHR7	18289811	CHR7:18289811	SSF x Near_LoA	-9,38111681	0,011	0,299
CHR7	18289880	CHR7:18289880	SSF x Near_LoA	-7,64674867	-0,052	0,312
CHR7	18289881	CHR7:18289881	SSF x Near_LoA	-10,6610725	-0,052	0,318
CHR7	18289990	CHR7:18289990	SSF x Near_LoA	-9,62153524	-0,137	0,308
CHR7	18293156	CHR7:18293156	SSF x Near_LoA	-6,06410244	-0,055	0,315
CHR7	18302079	CHR7:18302079	SSF x Near_LoA	-8,55472778	-0,058	0,310
CHR7	1830268	CHR7:1830268	SSF x Near_LoA	-9,04583262	-0,029	0,307
CHR7	18303466	CHR7:18303466	SSF x Near_LoA	-9,6673105	0,031	0,305
CHR7	18317591	CHR7:18317591	SSF x Near_LoA	-10,4093782	-0,029	0,300
CHR7	18317658	CHR7:18317658	SSF x Near_LoA	-9,89378511	-0,025	0,312
CHR7	18317791	CHR7:18317791	SSF x Near_LoA	-3,64954308	-0,145	0,291
CHR7	18331108	CHR7:18331108	SSF x Near_LoA	-7,78377567	0,076	0,299

CHR7	18331114	CHR7:18331114	SSF x Near_LoA	-11,8318549	-0,011	0,305
CHR7	18331149	CHR7:18331149	SSF x Near_LoA	-11,8749508	-0,018	0,312
CHR7	18331193	CHR7:18331193	SSF x Near_LoA	-10,5162898	0,090	0,321
CHR7	18335327	CHR7:18335327	SSF x Near_LoA	-9,11395727	0,013	0,296
CHR7	18335345	CHR7:18335345	SSF x Near_LoA	-7,77978546	-0,032	0,300
CHR7	18335379	CHR7:18335379	SSF x Near_LoA	-4,65682353	-0,015	0,301
CHR7	18335385	CHR7:18335385	SSF x Near_LoA	-0,13629298	-0,139	0,286
CHR7	18335395	CHR7:18335395	SSF x Near_LoA	-7,85384679	-0,175	0,309
CHR7	18335415	CHR7:18335415	SSF x Near_LoA	-9,82297987	-0,094	0,309
CHR7	18357546	CHR7:18357546	SSF x Near_LoA	-7,62272959	-0,003	0,301
CHR7	18371712	CHR7:18371712	SSF x Near_LoA	4,1829517	0,118	0,297
CHR7	18372264	CHR7:18372264	SSF x Near_LoA	-9,12897597	0,030	0,313
CHR7	18381747	CHR7:18381747	SSF x Near_LoA	-10,815799	0,003	0,303
CHR7	18381794	CHR7:18381794	SSF x Near_LoA	3,37044143	-0,043	0,306
CHR7	18382878	CHR7:18382878	SSF x Near_LoA	-6,07787069	0,136	0,292
CHR7	18382893	CHR7:18382893	SSF x Near_LoA	-11,0948604	-0,036	0,299
CHR7	18382902	CHR7:18382902	SSF x Near_LoA	-8,84785399	-0,063	0,304
CHR7	18382924	CHR7:18382924	SSF x Near_LoA	3,83549027	0,009	0,322
CHR7	18382950	CHR7:18382950	SSF x Near_LoA	-8,99949938	0,044	0,310
CHR7	18382977	CHR7:18382977	SSF x Near_LoA	-10,319055	0,131	0,294
CHR7	18382978	CHR7:18382978	SSF x Near_LoA	-10,139181	0,035	0,313
CHR7	18384381	CHR7:18384381	SSF x Near_LoA	-8,68553995	0,030	0,325
CHR7	18384384	CHR7:18384384	SSF x Near_LoA	-8,77270085	-0,189	0,276
CHR7	1839101	CHR7:1839101	SSF x Near_LoA	-8,63765379	0,106	0,311
CHR7	1839112	CHR7:1839112	SSF x Near_LoA	-7,90838212	0,129	0,320
CHR7	1839119	CHR7:1839119	SSF x Near_LoA	-7,91700935	0,115	0,315
CHR7	1839188	CHR7:1839188	SSF x Near_LoA	-9,11293175	0,086	0,315
CHR7	1839302	CHR7:1839302	SSF x Near_LoA	-8,19140838	0,064	0,302
CHR7	1839310	CHR7:1839310	SSF x Near_LoA	-0,92423375	0,037	0,303
CHR7	18393233	CHR7:18393233	SSF x Near_LoA	-8,89944779	-0,071	0,303
CHR7	18393246	CHR7:18393246	SSF x Near_LoA	-10,6008624	0,075	0,313
CHR7	18417439	CHR7:18417439	SSF x Near_LoA	-10,2267797	-0,003	0,315
CHR7	18417456	CHR7:18417456	SSF x Near_LoA	-10,7966492	0,006	0,304
CHR7	18419521	CHR7:18419521	SSF x Near_LoA	-11,3892007	0,071	0,304
CHR7	18420303	CHR7:18420303	SSF x Near_LoA	-9,37986534	0,112	0,295
CHR7	18421092	CHR7:18421092	SSF x Near_LoA	-9,76137925	-0,074	0,302
CHR7	18421093	CHR7:18421093	SSF x Near_LoA	-5,61630404	-0,122	0,305
CHR7	18421103	CHR7:18421103	SSF x Near_LoA	-8,48534628	-0,097	0,303
CHR7	18421105	CHR7:18421105	SSF x Near_LoA	-7,29309488	-0,104	0,314
CHR7	18421142	CHR7:18421142	SSF x Near_LoA	-8,06773215	-0,073	0,300
CHR7	18421144	CHR7:18421144	SSF x Near_LoA	-9,60580499	-0,038	0,308
CHR7	18422387	CHR7:18422387	SSF x Near_LoA	-10,745882	-0,005	0,305
CHR7	18439989	CHR7:18439989	SSF x Near_LoA	-6,13862137	-0,113	0,306
CHR7	18439996	CHR7:18439996	SSF x Near_LoA	-8,81410286	0,019	0,304
CHR7	18440088	CHR7:18440088	SSF x Near_LoA	-10,3340662	-0,092	0,314
CHR7	18443330	CHR7:18443330	SSF x Near_LoA	-10,0037316	0,085	0,304
CHR7	18443535	CHR7:18443535	SSF x Near_LoA	-10,186979	-0,027	0,303
CHR7	18461095	CHR7:18461095	SSF x Near_LoA	-9,9246917	-0,004	0,314
CHR7	18461120	CHR7:18461120	SSF x Near_LoA	-10,7089462	-0,006	0,310
CHR7	18461121	CHR7:18461121	SSF x Near_LoA	-10,2408821	0,105	0,306
CHR7	18461260	CHR7:18461260	SSF x Near_LoA	-9,38719781	-0,037	0,317
CHR7	18463253	CHR7:18463253	SSF x Near_LoA	-9,17071034	0,014	0,317
CHR7	18463284	CHR7:18463284	SSF x Near_LoA	-11,0663798	-0,002	0,310

CHR7	18468362	CHR7:18468362	SSF x Near_LoA	-10,1686613	0,058	0,310
CHR7	18474169	CHR7:18474169	SSF x Near_LoA	-8,22886373	-0,045	0,314
CHR7	18474190	CHR7:18474190	SSF x Near_LoA	-9,95385591	0,129	0,289
CHR7	18476755	CHR7:18476755	SSF x Near_LoA	-10,053753	-0,062	0,303
CHR7	18476855	CHR7:18476855	SSF x Near_LoA	-9,9720477	-0,027	0,315
CHR7	18478708	CHR7:18478708	SSF x Near_LoA	-11,0907818	-0,009	0,313
CHR7	1849165	CHR7:1849165	SSF x Near_LoA	-8,90975475	-0,071	0,311
CHR7	1849343	CHR7:1849343	SSF x Near_LoA	-9,48927957	-0,029	0,310
CHR7	1849401	CHR7:1849401	SSF x Near_LoA	-10,175177	0,095	0,294
CHR7	18494306	CHR7:18494306	SSF x Near_LoA	-10,5121301	0,027	0,306
CHR7	18494326	CHR7:18494326	SSF x Near_LoA	-10,6201842	0,081	0,308
CHR7	18494391	CHR7:18494391	SSF x Near_LoA	-7,70736924	-0,113	0,310
CHR7	18494446	CHR7:18494446	SSF x Near_LoA	-10,0597368	-0,019	0,310
CHR7	18496800	CHR7:18496800	SSF x Near_LoA	-12,143674	-0,014	0,296
CHR7	18496880	CHR7:18496880	SSF x Near_LoA	-6,30349454	-0,120	0,297
CHR7	18496890	CHR7:18496890	SSF x Near_LoA	-10,1693884	0,005	0,289
CHR7	18506066	CHR7:18506066	SSF x Near_LoA	-7,52853236	0,061	0,297
CHR7	18519254	CHR7:18519254	SSF x Near_LoA	-11,4687012	0,007	0,307
CHR7	18519261	CHR7:18519261	SSF x Near_LoA	-10,5705418	-0,027	0,315
CHR7	18521200	CHR7:18521200	SSF x Near_LoA	-10,932156	-0,055	0,313
CHR7	18521286	CHR7:18521286	SSF x Near_LoA	-7,43207723	-0,001	0,333
CHR7	18521289	CHR7:18521289	SSF x Near_LoA	-9,4598398	0,000	0,308
CHR7	18521310	CHR7:18521310	SSF x Near_LoA	-8,8798315	-0,039	0,307
CHR7	18521333	CHR7:18521333	SSF x Near_LoA	-9,27488595	-0,122	0,294
CHR7	18521339	CHR7:18521339	SSF x Near_LoA	-8,5602886	0,023	0,304
CHR7	18521389	CHR7:18521389	SSF x Near_LoA	-8,37969527	-0,006	0,309
CHR7	1852263	CHR7:1852263	SSF x Near_LoA	-9,74178953	0,139	0,306
CHR7	18532751	CHR7:18532751	SSF x Near_LoA	-9,04539137	0,004	0,301
CHR7	18532829	CHR7:18532829	SSF x Near_LoA	-10,7452912	-0,072	0,317
CHR7	18532834	CHR7:18532834	SSF x Near_LoA	-9,31478873	0,127	0,300
CHR7	18533086	CHR7:18533086	SSF x Near_LoA	-9,57117783	-0,029	0,315
CHR7	18533094	CHR7:18533094	SSF x Near_LoA	-8,76279637	0,048	0,311
CHR7	18533107	CHR7:18533107	SSF x Near_LoA	-8,03799602	-0,035	0,329
CHR7	18540400	CHR7:18540400	SSF x Near_LoA	-2,17080547	-0,044	0,307
CHR7	18540559	CHR7:18540559	SSF x Near_LoA	-8,35328702	0,069	0,314
CHR7	18540560	CHR7:18540560	SSF x Near_LoA	-10,540031	0,033	0,320
CHR7	18540564	CHR7:18540564	SSF x Near_LoA	-8,23210455	-0,003	0,317
CHR7	18542237	CHR7:18542237	SSF x Near_LoA	-1,4366774	0,166	0,302
CHR7	1854410	CHR7:1854410	SSF x Near_LoA	4,38161778	-0,075	0,306
CHR7	18550398	CHR7:18550398	SSF x Near_LoA	-3,39791033	0,264	0,281
CHR7	18550449	CHR7:18550449	SSF x Near_LoA	-3,20836556	0,237	0,282
CHR7	18550701	CHR7:18550701	SSF x Near_LoA	-9,37383282	-0,008	0,306
CHR7	18553493	CHR7:18553493	SSF x Near_LoA	-8,1886309	0,029	0,312
CHR7	18553637	CHR7:18553637	SSF x Near_LoA	-11,0633832	0,045	0,310
CHR7	18553691	CHR7:18553691	SSF x Near_LoA	-6,6149995	-0,079	0,310
CHR7	18572063	CHR7:18572063	SSF x Near_LoA	-9,43288634	0,016	0,301
CHR7	18572105	CHR7:18572105	SSF x Near_LoA	-10,3768043	0,029	0,302
CHR7	18579762	CHR7:18579762	SSF x Near_LoA	-10,2416898	-0,004	0,306
CHR7	18579795	CHR7:18579795	SSF x Near_LoA	-9,91941606	-0,011	0,310
CHR7	18583516	CHR7:18583516	SSF x Near_LoA	-11,6067069	-0,010	0,309
CHR7	18584827	CHR7:18584827	SSF x Near_LoA	-10,3521992	0,044	0,318
CHR7	18584928	CHR7:18584928	SSF x Near_LoA	-8,2806992	0,030	0,307
CHR7	18584978	CHR7:18584978	SSF x Near_LoA	-10,5023959	0,023	0,292

CHR7	18584986	CHR7:18584986	SSF x Near_LoA	-7,5135351	0,097	0,298
CHR7	18584994	CHR7:18584994	SSF x Near_LoA	-8,5263856	-0,028	0,301
CHR7	18585062	CHR7:18585062	SSF x Near_LoA	-11,6569059	0,043	0,294
CHR7	18595165	CHR7:18595165	SSF x Near_LoA	-9,85558496	-0,011	0,328
CHR7	18595174	CHR7:18595174	SSF x Near_LoA	-9,20908864	0,037	0,307
CHR7	18595186	CHR7:18595186	SSF x Near_LoA	-9,29529454	0,022	0,310
CHR7	18600103	CHR7:18600103	SSF x Near_LoA	-8,13371799	0,164	0,301
CHR7	18600129	CHR7:18600129	SSF x Near_LoA	-9,20657208	0,072	0,311
CHR7	18600251	CHR7:18600251	SSF x Near_LoA	-8,17864598	-0,123	0,295
CHR7	18600273	CHR7:18600273	SSF x Near_LoA	-8,75774263	0,076	0,309
CHR7	18608204	CHR7:18608204	SSF x Near_LoA	-8,09525763	-0,037	0,318
CHR7	18608300	CHR7:18608300	SSF x Near_LoA	-8,61521781	0,043	0,308
CHR7	18608326	CHR7:18608326	SSF x Near_LoA	-9,4192297	-0,002	0,327
CHR7	18611888	CHR7:18611888	SSF x Near_LoA	-7,31367723	-0,132	0,306
CHR7	18615716	CHR7:18615716	SSF x Near_LoA	-10,0780129	0,064	0,318
CHR7	18638686	CHR7:18638686	SSF x Near_LoA	-10,2961262	-0,004	0,311
CHR7	18638687	CHR7:18638687	SSF x Near_LoA	-5,34158193	0,022	0,305
CHR7	18638728	CHR7:18638728	SSF x Near_LoA	-10,232933	0,010	0,292
CHR7	18638736	CHR7:18638736	SSF x Near_LoA	-4,94679584	-0,051	0,289
CHR7	18643179	CHR7:18643179	SSF x Near_LoA	-9,50486641	-0,036	0,304
CHR7	18643741	CHR7:18643741	SSF x Near_LoA	-8,82305122	-0,049	0,304
CHR7	18656400	CHR7:18656400	SSF x Near_LoA	-11,6211316	0,021	0,304
CHR7	18657057	CHR7:18657057	SSF x Near_LoA	-10,726497	0,091	0,318
CHR7	18657065	CHR7:18657065	SSF x Near_LoA	-9,88304519	-0,007	0,303
CHR7	18672862	CHR7:18672862	SSF x Near_LoA	-8,90368565	-0,068	0,310
CHR7	18672933	CHR7:18672933	SSF x Near_LoA	-10,4267376	0,063	0,309
CHR7	18672943	CHR7:18672943	SSF x Near_LoA	-9,45570284	0,002	0,314
CHR7	18674407	CHR7:18674407	SSF x Near_LoA	-8,90343891	0,031	0,310
CHR7	18674417	CHR7:18674417	SSF x Near_LoA	-8,55603121	0,029	0,309
CHR7	18674450	CHR7:18674450	SSF x Near_LoA	-10,6433003	0,070	0,306
CHR7	18674459	CHR7:18674459	SSF x Near_LoA	-9,86292486	0,025	0,304
CHR7	18674460	CHR7:18674460	SSF x Near_LoA	-11,4865946	-0,008	0,317
CHR7	18674478	CHR7:18674478	SSF x Near_LoA	-8,49517053	0,016	0,307
CHR7	18674494	CHR7:18674494	SSF x Near_LoA	-7,43736907	0,023	0,323
CHR7	18675593	CHR7:18675593	SSF x Near_LoA	-8,19444183	-0,099	0,312
CHR7	18675614	CHR7:18675614	SSF x Near_LoA	-7,66815678	0,019	0,321
CHR7	18677196	CHR7:18677196	SSF x Near_LoA	-10,5504197	0,022	0,313
CHR7	18678173	CHR7:18678173	SSF x Near_LoA	-10,0437053	-0,024	0,319
CHR7	18678225	CHR7:18678225	SSF x Near_LoA	-11,2679938	-0,092	0,299
CHR7	18678398	CHR7:18678398	SSF x Near_LoA	-11,1394294	0,061	0,300
CHR7	18686318	CHR7:18686318	SSF x Near_LoA	-8,84596653	-0,030	0,315
CHR7	18686375	CHR7:18686375	SSF x Near_LoA	-8,65321389	-0,018	0,311
CHR7	18686464	CHR7:18686464	SSF x Near_LoA	-12,0920485	0,013	0,312
CHR7	18689835	CHR7:18689835	SSF x Near_LoA	-10,3598141	-0,034	0,324
CHR7	18689984	CHR7:18689984	SSF x Near_LoA	-9,88520979	-0,141	0,294
CHR7	18693066	CHR7:18693066	SSF x Near_LoA	-12,0847048	-0,024	0,304
CHR7	18695574	CHR7:18695574	SSF x Near_LoA	-4,93321424	0,050	0,324
CHR7	18695618	CHR7:18695618	SSF x Near_LoA	-11,122747	0,033	0,309
CHR7	18695636	CHR7:18695636	SSF x Near_LoA	-11,4318861	-0,033	0,314
CHR7	18695671	CHR7:18695671	SSF x Near_LoA	-11,8087468	0,043	0,299
CHR7	18696393	CHR7:18696393	SSF x Near_LoA	-10,7592111	-0,005	0,311
CHR7	18708614	CHR7:18708614	SSF x Near_LoA	-9,96934558	0,052	0,312
CHR7	18708675	CHR7:18708675	SSF x Near_LoA	-10,9446493	-0,063	0,310

CHR7	18708736	CHR7:18708736	SSF x Near_LoA	-9,23506872	0,058	0,305
CHR7	18708779	CHR7:18708779	SSF x Near_LoA	-9,7203311	0,016	0,315
CHR7	18709758	CHR7:18709758	SSF x Near_LoA	-10,6150248	-0,009	0,307
CHR7	18709800	CHR7:18709800	SSF x Near_LoA	-10,0271081	-0,060	0,312
CHR7	18715383	CHR7:18715383	SSF x Near_LoA	-9,76006731	0,114	0,312
CHR7	18722297	CHR7:18722297	SSF x Near_LoA	-8,27219443	0,078	0,321
CHR7	18722358	CHR7:18722358	SSF x Near_LoA	-10,534997	-0,002	0,311
CHR7	18728952	CHR7:18728952	SSF x Near_LoA	-10,9831138	-0,004	0,311
CHR7	18728957	CHR7:18728957	SSF x Near_LoA	-8,23129032	0,077	0,304
CHR7	18729035	CHR7:18729035	SSF x Near_LoA	-9,69504211	-0,127	0,309
CHR7	18729120	CHR7:18729120	SSF x Near_LoA	-9,05043296	-0,087	0,297
CHR7	18732487	CHR7:18732487	SSF x Near_LoA	-9,01365094	-0,059	0,307
CHR7	18732505	CHR7:18732505	SSF x Near_LoA	-11,549632	-0,039	0,311
CHR7	18732633	CHR7:18732633	SSF x Near_LoA	-9,65097793	0,098	0,293
CHR7	18732735	CHR7:18732735	SSF x Near_LoA	-9,92182108	0,041	0,310
CHR7	18737995	CHR7:18737995	SSF x Near_LoA	-10,8639682	-0,043	0,316
CHR7	18738039	CHR7:18738039	SSF x Near_LoA	-9,35527783	-0,079	0,312
CHR7	1874653	CHR7:1874653	SSF x Near_LoA	-8,83898908	-0,064	0,306
CHR7	1874729	CHR7:1874729	SSF x Near_LoA	-7,80055888	0,045	0,306
CHR7	18749789	CHR7:18749789	SSF x Near_LoA	-9,82940298	0,011	0,311
CHR7	18749803	CHR7:18749803	SSF x Near_LoA	-8,66046143	0,049	0,310
CHR7	18749805	CHR7:18749805	SSF x Near_LoA	-10,5356686	-0,058	0,307
CHR7	18749810	CHR7:18749810	SSF x Near_LoA	-8,21325211	0,016	0,314
CHR7	18749818	CHR7:18749818	SSF x Near_LoA	-6,71555187	-0,122	0,294
CHR7	18749866	CHR7:18749866	SSF x Near_LoA	-7,19127125	-0,003	0,316
CHR7	18749881	CHR7:18749881	SSF x Near_LoA	-10,238406	-0,087	0,312
CHR7	18749916	CHR7:18749916	SSF x Near_LoA	-10,5371455	0,090	0,313
CHR7	18760671	CHR7:18760671	SSF x Near_LoA	-8,83918015	0,076	0,308
CHR7	18774466	CHR7:18774466	SSF x Near_LoA	-4,7270263	-0,074	0,297
CHR7	18774486	CHR7:18774486	SSF x Near_LoA	-8,25614847	0,005	0,328
CHR7	18783137	CHR7:18783137	SSF x Near_LoA	-8,12452437	0,038	0,323
CHR7	18783146	CHR7:18783146	SSF x Near_LoA	-8,70139044	-0,115	0,291
CHR7	18790333	CHR7:18790333	SSF x Near_LoA	-5,90083904	-0,036	0,299
CHR7	18790365	CHR7:18790365	SSF x Near_LoA	-9,70551707	-0,015	0,309
CHR7	18790463	CHR7:18790463	SSF x Near_LoA	-5,37764023	-0,087	0,298
CHR7	18792554	CHR7:18792554	SSF x Near_LoA	-11,1223197	-0,030	0,306
CHR7	18793790	CHR7:18793790	SSF x Near_LoA	-8,96878948	0,009	0,311
CHR7	18793930	CHR7:18793930	SSF x Near_LoA	-2,9622434	0,106	0,313
CHR7	18796971	CHR7:18796971	SSF x Near_LoA	-9,17837369	0,012	0,296
CHR7	18796976	CHR7:18796976	SSF x Near_LoA	-9,2358778	-0,072	0,315
CHR7	18797044	CHR7:18797044	SSF x Near_LoA	-11,5021163	0,077	0,293
CHR7	18808831	CHR7:18808831	SSF x Near_LoA	-7,00952922	-0,037	0,311
CHR7	18808841	CHR7:18808841	SSF x Near_LoA	-3,57632238	-0,001	0,313
CHR7	18808936	CHR7:18808936	SSF x Near_LoA	-6,19938464	-0,140	0,302
CHR7	18812293	CHR7:18812293	SSF x Near_LoA	-10,2822977	0,058	0,292
CHR7	18812327	CHR7:18812327	SSF x Near_LoA	-8,10209388	-0,043	0,312
CHR7	18812336	CHR7:18812336	SSF x Near_LoA	-9,46520489	-0,096	0,313
CHR7	18812366	CHR7:18812366	SSF x Near_LoA	-10,9866351	-0,034	0,315
CHR7	1881521	CHR7:1881521	SSF x Near_LoA	-10,8893563	0,025	0,312
CHR7	1881544	CHR7:1881544	SSF x Near_LoA	-7,49598886	0,163	0,309
CHR7	18816709	CHR7:18816709	SSF x Near_LoA	-11,4438736	0,009	0,313
CHR7	18816753	CHR7:18816753	SSF x Near_LoA	-8,41034853	-0,166	0,302
CHR7	1881681	CHR7:1881681	SSF x Near_LoA	-8,4245671	0,018	0,315

CHR7	18816906	CHR7:18816906	SSF x Near_LoA	-9,73905434	0,068	0,306
CHR7	18821024	CHR7:18821024	SSF x Near_LoA	-10,510316	-0,009	0,317
CHR7	18821052	CHR7:18821052	SSF x Near_LoA	-9,09813264	0,033	0,311
CHR7	18823831	CHR7:18823831	SSF x Near_LoA	-9,40059903	0,071	0,300
CHR7	18823847	CHR7:18823847	SSF x Near_LoA	-11,294106	0,010	0,316
CHR7	18823903	CHR7:18823903	SSF x Near_LoA	-11,1389845	0,001	0,290
CHR7	18824013	CHR7:18824013	SSF x Near_LoA	-8,41495999	-0,100	0,313
CHR7	18825110	CHR7:18825110	SSF x Near_LoA	-12,3538649	-0,062	0,300
CHR7	18825135	CHR7:18825135	SSF x Near_LoA	-9,86190684	0,021	0,307
CHR7	18825259	CHR7:18825259	SSF x Near_LoA	-9,64783951	-0,020	0,313
CHR7	18825265	CHR7:18825265	SSF x Near_LoA	-9,70978749	0,057	0,300
CHR7	18833424	CHR7:18833424	SSF x Near_LoA	-11,086945	0,114	0,303
CHR7	18833463	CHR7:18833463	SSF x Near_LoA	-8,35303336	0,051	0,317
CHR7	18837739	CHR7:18837739	SSF x Near_LoA	-9,73451368	-0,015	0,298
CHR7	18843874	CHR7:18843874	SSF x Near_LoA	-6,27481321	0,060	0,311
CHR7	18843920	CHR7:18843920	SSF x Near_LoA	-11,5617686	-0,057	0,307
CHR7	18843977	CHR7:18843977	SSF x Near_LoA	-8,59186792	0,005	0,317
CHR7	18843982	CHR7:18843982	SSF x Near_LoA	-11,7355049	0,000	0,297
CHR7	18843990	CHR7:18843990	SSF x Near_LoA	-10,0872397	0,015	0,317
CHR7	18844100	CHR7:18844100	SSF x Near_LoA	-9,39174919	0,064	0,307
CHR7	18844108	CHR7:18844108	SSF x Near_LoA	-8,97872679	0,073	0,307
CHR7	18844112	CHR7:18844112	SSF x Near_LoA	-5,3740686	-0,205	0,279
CHR7	18858899	CHR7:18858899	SSF x Near_LoA	-5,10668533	-0,029	0,308
CHR7	18858920	CHR7:18858920	SSF x Near_LoA	-9,56939997	0,029	0,294
CHR7	18858921	CHR7:18858921	SSF x Near_LoA	-7,37533648	0,048	0,305
CHR7	18865382	CHR7:18865382	SSF x Near_LoA	-6,81543618	-0,140	0,316
CHR7	18865395	CHR7:18865395	SSF x Near_LoA	-8,97922908	-0,088	0,302
CHR7	18865419	CHR7:18865419	SSF x Near_LoA	-8,80041524	-0,038	0,297
CHR7	18865425	CHR7:18865425	SSF x Near_LoA	-9,49317809	0,024	0,297
CHR7	18865456	CHR7:18865456	SSF x Near_LoA	-10,3403749	-0,080	0,290
CHR7	18871193	CHR7:18871193	SSF x Near_LoA	-10,3971038	-0,074	0,301
CHR7	18871200	CHR7:18871200	SSF x Near_LoA	-11,5308352	-0,103	0,292
CHR7	18871243	CHR7:18871243	SSF x Near_LoA	-10,5877451	-0,036	0,308
CHR7	18871259	CHR7:18871259	SSF x Near_LoA	-6,6746846	-0,002	0,307
CHR7	18871287	CHR7:18871287	SSF x Near_LoA	-10,055642	0,002	0,302
CHR7	18878997	CHR7:18878997	SSF x Near_LoA	-6,93248223	-0,097	0,295
CHR7	18879010	CHR7:18879010	SSF x Near_LoA	-11,1303085	-0,026	0,323
CHR7	18880426	CHR7:18880426	SSF x Near_LoA	-11,0476528	0,079	0,296
CHR7	18893481	CHR7:18893481	SSF x Near_LoA	-11,274297	0,019	0,308
CHR7	18893572	CHR7:18893572	SSF x Near_LoA	-2,64952647	0,035	0,311
CHR7	18893594	CHR7:18893594	SSF x Near_LoA	-9,18715337	-0,092	0,313
CHR7	18897440	CHR7:18897440	SSF x Near_LoA	-9,11008666	0,021	0,307
CHR7	18898167	CHR7:18898167	SSF x Near_LoA	-10,4152461	0,051	0,310
CHR7	18902970	CHR7:18902970	SSF x Near_LoA	-9,347745	0,012	0,306
CHR7	18903034	CHR7:18903034	SSF x Near_LoA	-8,91547704	0,023	0,301
CHR7	18903053	CHR7:18903053	SSF x Near_LoA	-6,73498677	-0,016	0,309
CHR7	18905174	CHR7:18905174	SSF x Near_LoA	-10,688695	0,046	0,303
CHR7	1891579	CHR7:1891579	SSF x Near_LoA	-10,5231161	0,022	0,316
CHR7	1891684	CHR7:1891684	SSF x Near_LoA	-8,46554388	0,017	0,300
CHR7	1891700	CHR7:1891700	SSF x Near_LoA	-7,51006811	-0,031	0,308
CHR7	18919587	CHR7:18919587	SSF x Near_LoA	-11,5721738	0,076	0,301
CHR7	18929456	CHR7:18929456	SSF x Near_LoA	-9,10636808	-0,085	0,297
CHR7	18931009	CHR7:18931009	SSF x Near_LoA	-10,8901589	-0,059	0,318

CHR7	18931022	CHR7:18931022	SSF x Near_LoA	-10,1374274	-0,006	0,309
CHR7	18931738	CHR7:18931738	SSF x Near_LoA	-6,53822474	-0,062	0,306
CHR7	18933269	CHR7:18933269	SSF x Near_LoA	-9,20976914	0,070	0,289
CHR7	18936086	CHR7:18936086	SSF x Near_LoA	-10,6818081	-0,054	0,301
CHR7	18936087	CHR7:18936087	SSF x Near_LoA	-9,0117398	0,037	0,308
CHR7	18936120	CHR7:18936120	SSF x Near_LoA	-10,3828601	-0,026	0,310
CHR7	18936166	CHR7:18936166	SSF x Near_LoA	-9,18625766	-0,153	0,308
CHR7	18936289	CHR7:18936289	SSF x Near_LoA	-9,5244531	-0,048	0,297
CHR7	18941088	CHR7:18941088	SSF x Near_LoA	-11,2117035	-0,066	0,312
CHR7	18941095	CHR7:18941095	SSF x Near_LoA	-8,21339512	-0,072	0,307
CHR7	18941174	CHR7:18941174	SSF x Near_LoA	-8,91859275	-0,065	0,313
CHR7	18944124	CHR7:18944124	SSF x Near_LoA	-11,1941622	0,004	0,310
CHR7	18944132	CHR7:18944132	SSF x Near_LoA	-9,26227459	-0,034	0,308
CHR7	18944165	CHR7:18944165	SSF x Near_LoA	-10,6978929	-0,001	0,322
CHR7	18944189	CHR7:18944189	SSF x Near_LoA	-7,46146247	-0,108	0,311
CHR7	18945991	CHR7:18945991	SSF x Near_LoA	-8,76045479	-0,012	0,308
CHR7	18945992	CHR7:18945992	SSF x Near_LoA	-4,01917905	-0,052	0,319
CHR7	18946001	CHR7:18946001	SSF x Near_LoA	-9,38844992	0,068	0,316
CHR7	18946064	CHR7:18946064	SSF x Near_LoA	-10,4299351	-0,079	0,316
CHR7	18946068	CHR7:18946068	SSF x Near_LoA	-10,1833365	-0,007	0,313
CHR7	18946847	CHR7:18946847	SSF x Near_LoA	-9,06905174	0,087	0,308
CHR7	18946854	CHR7:18946854	SSF x Near_LoA	-9,29691714	0,007	0,323
CHR7	18947399	CHR7:18947399	SSF x Near_LoA	-8,81754042	-0,038	0,297
CHR7	18953886	CHR7:18953886	SSF x Near_LoA	-8,28950836	0,007	0,307
CHR7	18954121	CHR7:18954121	SSF x Near_LoA	-9,30986494	0,040	0,294
CHR7	18954140	CHR7:18954140	SSF x Near_LoA	-9,96475881	-0,029	0,308
CHR7	18959240	CHR7:18959240	SSF x Near_LoA	-8,88978494	0,080	0,297
CHR7	18959285	CHR7:18959285	SSF x Near_LoA	-11,3729086	-0,045	0,296
CHR7	18959302	CHR7:18959302	SSF x Near_LoA	-8,55475662	-0,056	0,317
CHR7	18959306	CHR7:18959306	SSF x Near_LoA	-10,2804562	-0,089	0,302
CHR7	1896289	CHR7:1896289	SSF x Near_LoA	-7,92458488	-0,067	0,301
CHR7	18974849	CHR7:18974849	SSF x Near_LoA	-8,44201715	-0,025	0,311
CHR7	18983511	CHR7:18983511	SSF x Near_LoA	-10,0724121	-0,037	0,304
CHR7	18983707	CHR7:18983707	SSF x Near_LoA	-9,05836065	-0,015	0,301
CHR7	18983720	CHR7:18983720	SSF x Near_LoA	-4,58214266	0,009	0,306
CHR7	18987841	CHR7:18987841	SSF x Near_LoA	-9,08645876	-0,052	0,306
CHR7	18987979	CHR7:18987979	SSF x Near_LoA	-7,0741135	-0,138	0,323
CHR7	18988013	CHR7:18988013	SSF x Near_LoA	-9,92367223	0,048	0,303
CHR7	18988014	CHR7:18988014	SSF x Near_LoA	-8,49281928	0,033	0,318
CHR7	18992609	CHR7:18992609	SSF x Near_LoA	-10,2605541	0,036	0,302
CHR7	18999049	CHR7:18999049	SSF x Near_LoA	-10,5542009	0,083	0,301
CHR7	18999053	CHR7:18999053	SSF x Near_LoA	-10,6857701	-0,083	0,303
CHR7	18999062	CHR7:18999062	SSF x Near_LoA	-6,73939929	-0,156	0,291
CHR7	19009913	CHR7:19009913	SSF x Near_LoA	-11,8489449	-0,040	0,313
CHR7	19011987	CHR7:19011987	SSF x Near_LoA	-11,4855053	0,018	0,305
CHR7	19012047	CHR7:19012047	SSF x Near_LoA	-2,50304379	-0,055	0,296
CHR7	19012085	CHR7:19012085	SSF x Near_LoA	-10,3996323	0,073	0,313
CHR7	19018135	CHR7:19018135	SSF x Near_LoA	-10,689562	0,001	0,308
CHR7	19018144	CHR7:19018144	SSF x Near_LoA	-11,5458737	-0,017	0,309
CHR7	19026897	CHR7:19026897	SSF x Near_LoA	-11,6934851	0,066	0,309
CHR7	19032685	CHR7:19032685	SSF x Near_LoA	-10,6355324	0,015	0,311
CHR7	19032687	CHR7:19032687	SSF x Near_LoA	-9,62938081	0,079	0,313
CHR7	19032690	CHR7:19032690	SSF x Near_LoA	-9,09340314	0,105	0,312

CHR7	19032691	CHR7:19032691	SSF x Near_LoA	-12,0829856	0,104	0,289
CHR7	19032707	CHR7:19032707	SSF x Near_LoA	-7,46697864	0,081	0,317
CHR7	19032715	CHR7:19032715	SSF x Near_LoA	-7,35317828	-0,041	0,309
CHR7	19032720	CHR7:19032720	SSF x Near_LoA	-8,25535698	-0,014	0,303
CHR7	19032750	CHR7:19032750	SSF x Near_LoA	-5,58012116	0,030	0,330
CHR7	19032790	CHR7:19032790	SSF x Near_LoA	-9,08891455	0,073	0,298
CHR7	19037000	CHR7:19037000	SSF x Near_LoA	-8,45740845	-0,068	0,297
CHR7	19037028	CHR7:19037028	SSF x Near_LoA	-8,91493127	0,125	0,298
CHR7	19037044	CHR7:19037044	SSF x Near_LoA	-9,06764676	-0,036	0,300
CHR7	19037094	CHR7:19037094	SSF x Near_LoA	-8,00119502	0,081	0,289
CHR7	19050954	CHR7:19050954	SSF x Near_LoA	-8,73390766	-0,071	0,301
CHR7	19050963	CHR7:19050963	SSF x Near_LoA	-8,43483478	-0,070	0,305
CHR7	19050997	CHR7:19050997	SSF x Near_LoA	-8,48297909	-0,083	0,310
CHR7	19051184	CHR7:19051184	SSF x Near_LoA	-11,5521062	0,032	0,317
CHR7	19056434	CHR7:19056434	SSF x Near_LoA	-10,4181894	0,108	0,303
CHR7	19056462	CHR7:19056462	SSF x Near_LoA	-8,5625037	0,022	0,312
CHR7	19056466	CHR7:19056466	SSF x Near_LoA	-11,0984406	0,044	0,314
CHR7	19056502	CHR7:19056502	SSF x Near_LoA	-7,81300208	0,034	0,316
CHR7	19056722	CHR7:19056722	SSF x Near_LoA	-10,2743159	0,008	0,300
CHR7	19065306	CHR7:19065306	SSF x Near_LoA	-8,30348703	-0,018	0,309
CHR7	19065315	CHR7:19065315	SSF x Near_LoA	-7,61830454	-0,079	0,306
CHR7	19065333	CHR7:19065333	SSF x Near_LoA	0,1554591	0,094	0,307
CHR7	19065371	CHR7:19065371	SSF x Near_LoA	-10,714281	-0,014	0,311
CHR7	19072612	CHR7:19072612	SSF x Near_LoA	-9,7379162	0,035	0,314
CHR7	19072641	CHR7:19072641	SSF x Near_LoA	-9,84995931	0,057	0,306
CHR7	19073446	CHR7:19073446	SSF x Near_LoA	-8,64971694	-0,049	0,315
CHR7	19073453	CHR7:19073453	SSF x Near_LoA	-9,82299044	0,005	0,316
CHR7	19077915	CHR7:19077915	SSF x Near_LoA	-5,08264801	0,140	0,304
CHR7	190950	CHR7:190950	SSF x Near_LoA	-9,19269103	0,028	0,297
CHR7	19100382	CHR7:19100382	SSF x Near_LoA	-10,9240455	0,001	0,305
CHR7	19100417	CHR7:19100417	SSF x Near_LoA	-8,84183438	-0,021	0,299
CHR7	19100432	CHR7:19100432	SSF x Near_LoA	-11,8049493	0,035	0,313
CHR7	19100446	CHR7:19100446	SSF x Near_LoA	-8,79351441	-0,022	0,299
CHR7	191049	CHR7:191049	SSF x Near_LoA	-8,65939432	0,005	0,311
CHR7	191092	CHR7:191092	SSF x Near_LoA	-11,6695798	0,000	0,311
CHR7	19124359	CHR7:19124359	SSF x Near_LoA	-7,80067013	-0,069	0,302
CHR7	19125657	CHR7:19125657	SSF x Near_LoA	-10,5829068	0,048	0,311
CHR7	19125726	CHR7:19125726	SSF x Near_LoA	-8,85438089	-0,025	0,297
CHR7	19125791	CHR7:19125791	SSF x Near_LoA	-11,415404	0,039	0,297
CHR7	19136052	CHR7:19136052	SSF x Near_LoA	-8,66358314	0,087	0,315
CHR7	19136119	CHR7:19136119	SSF x Near_LoA	-8,25592249	0,027	0,305
CHR7	19136127	CHR7:19136127	SSF x Near_LoA	-10,134906	0,079	0,303
CHR7	19136428	CHR7:19136428	SSF x Near_LoA	-9,7605517	-0,027	0,318
CHR7	19136440	CHR7:19136440	SSF x Near_LoA	-11,5699178	0,010	0,306
CHR7	19136458	CHR7:19136458	SSF x Near_LoA	-10,4112349	-0,078	0,290
CHR7	19136474	CHR7:19136474	SSF x Near_LoA	-10,7949183	-0,036	0,310
CHR7	19136475	CHR7:19136475	SSF x Near_LoA	-11,6979556	-0,027	0,308
CHR7	19136524	CHR7:19136524	SSF x Near_LoA	-10,7941656	-0,045	0,299
CHR7	19136529	CHR7:19136529	SSF x Near_LoA	-7,30428466	0,046	0,312
CHR7	19146664	CHR7:19146664	SSF x Near_LoA	-10,3649105	0,033	0,301
CHR7	19146819	CHR7:19146819	SSF x Near_LoA	-9,15647092	-0,046	0,307
CHR7	19146854	CHR7:19146854	SSF x Near_LoA	-10,4599633	0,074	0,295
CHR7	19146913	CHR7:19146913	SSF x Near_LoA	-10,4759613	-0,038	0,315

CHR7	19148073	CHR7:19148073	SSF x Near_LoA	-10,3530452	-0,022	0,299
CHR7	19148091	CHR7:19148091	SSF x Near_LoA	-9,35025109	-0,039	0,314
CHR7	19150525	CHR7:19150525	SSF x Near_LoA	-11,984263	-0,045	0,303
CHR7	19150599	CHR7:19150599	SSF x Near_LoA	-9,22535857	-0,124	0,302
CHR7	19150685	CHR7:19150685	SSF x Near_LoA	-10,5698226	0,047	0,309
CHR7	19150777	CHR7:19150777	SSF x Near_LoA	-7,48512467	0,163	0,290
CHR7	19153632	CHR7:19153632	SSF x Near_LoA	-6,62142924	-0,019	0,291
CHR7	19154649	CHR7:19154649	SSF x Near_LoA	-10,1698987	0,136	0,298
CHR7	19154677	CHR7:19154677	SSF x Near_LoA	-11,5343479	0,022	0,296
CHR7	19155128	CHR7:19155128	SSF x Near_LoA	-8,0598806	-0,031	0,313
CHR7	19155130	CHR7:19155130	SSF x Near_LoA	-9,09736752	-0,031	0,314
CHR7	19155195	CHR7:19155195	SSF x Near_LoA	-9,29879857	0,069	0,304
CHR7	1915636	CHR7:1915636	SSF x Near_LoA	-8,80799189	-0,068	0,310
CHR7	1916391	CHR7:1916391	SSF x Near_LoA	-10,0953427	-0,064	0,301
CHR7	1916400	CHR7:1916400	SSF x Near_LoA	-8,54922551	0,124	0,283
CHR7	19183348	CHR7:19183348	SSF x Near_LoA	-8,59414605	-0,140	0,310
CHR7	19183487	CHR7:19183487	SSF x Near_LoA	-9,82911863	0,015	0,308
CHR7	19183557	CHR7:19183557	SSF x Near_LoA	-11,4974864	0,121	0,301
CHR7	19184984	CHR7:19184984	SSF x Near_LoA	-9,6295646	-0,051	0,296
CHR7	19185053	CHR7:19185053	SSF x Near_LoA	-5,52729306	0,126	0,318
CHR7	19185078	CHR7:19185078	SSF x Near_LoA	-7,89548905	-0,148	0,296
CHR7	19185093	CHR7:19185093	SSF x Near_LoA	-8,17602927	0,114	0,295
CHR7	19191327	CHR7:19191327	SSF x Near_LoA	-9,49394491	0,005	0,302
CHR7	19200741	CHR7:19200741	SSF x Near_LoA	-11,8380816	-0,016	0,300
CHR7	19200798	CHR7:19200798	SSF x Near_LoA	-9,33386163	-0,161	0,301
CHR7	19211543	CHR7:19211543	SSF x Near_LoA	-9,44721079	0,080	0,302
CHR7	19211797	CHR7:19211797	SSF x Near_LoA	-10,7170087	0,030	0,315
CHR7	19229990	CHR7:19229990	SSF x Near_LoA	-11,0351921	-0,008	0,305
CHR7	19231239	CHR7:19231239	SSF x Near_LoA	-8,73062027	0,021	0,318
CHR7	19231607	CHR7:19231607	SSF x Near_LoA	-6,98531752	0,115	0,297
CHR7	19231702	CHR7:19231702	SSF x Near_LoA	-10,9543627	-0,004	0,302
CHR7	19231704	CHR7:19231704	SSF x Near_LoA	-9,29918988	0,024	0,302
CHR7	19242699	CHR7:19242699	SSF x Near_LoA	-10,334186	-0,001	0,306
CHR7	19254474	CHR7:19254474	SSF x Near_LoA	-11,6108944	0,044	0,315
CHR7	19255507	CHR7:19255507	SSF x Near_LoA	-10,4015647	0,036	0,309
CHR7	19255548	CHR7:19255548	SSF x Near_LoA	-7,81756406	-0,028	0,300
CHR7	19255560	CHR7:19255560	SSF x Near_LoA	-7,76156163	0,054	0,296
CHR7	19258563	CHR7:19258563	SSF x Near_LoA	-11,3464185	0,001	0,296
CHR7	19258664	CHR7:19258664	SSF x Near_LoA	-9,58331132	0,099	0,307
CHR7	19260862	CHR7:19260862	SSF x Near_LoA	-8,83183253	-0,113	0,300
CHR7	19260866	CHR7:19260866	SSF x Near_LoA	-7,76893269	0,030	0,299
CHR7	19266714	CHR7:19266714	SSF x Near_LoA	-10,6937793	-0,049	0,306
CHR7	19266757	CHR7:19266757	SSF x Near_LoA	-7,44840609	-0,143	0,297
CHR7	19286715	CHR7:19286715	SSF x Near_LoA	-6,35964841	-0,136	0,306
CHR7	19286745	CHR7:19286745	SSF x Near_LoA	-8,2833558	-0,084	0,307
CHR7	19291096	CHR7:19291096	SSF x Near_LoA	-6,71084693	-0,088	0,311
CHR7	19291108	CHR7:19291108	SSF x Near_LoA	-8,19630438	0,070	0,306
CHR7	19291251	CHR7:19291251	SSF x Near_LoA	-7,09686365	0,088	0,309
CHR7	19291435	CHR7:19291435	SSF x Near_LoA	-11,1637574	-0,003	0,293
CHR7	1930035	CHR7:1930035	SSF x Near_LoA	-8,53311965	-0,043	0,313
CHR7	1930090	CHR7:1930090	SSF x Near_LoA	-11,4016455	-0,060	0,302
CHR7	1930788	CHR7:1930788	SSF x Near_LoA	-8,35252661	0,122	0,306
CHR7	19327757	CHR7:19327757	SSF x Near_LoA	-9,49900976	0,000	0,302

CHR7	19344717	CHR7:19344717	SSF x Near_LoA	-8,13132728	0,114	0,303
CHR7	19344797	CHR7:19344797	SSF x Near_LoA	-10,1263907	0,095	0,310
CHR7	19344925	CHR7:19344925	SSF x Near_LoA	-8,40334907	0,055	0,307
CHR7	19344949	CHR7:19344949	SSF x Near_LoA	-6,14059662	-0,134	0,296
CHR7	19357485	CHR7:19357485	SSF x Near_LoA	-10,3136306	-0,112	0,312
CHR7	19365713	CHR7:19365713	SSF x Near_LoA	-5,65317364	-0,077	0,306
CHR7	19370674	CHR7:19370674	SSF x Near_LoA	-9,90070174	-0,105	0,308
CHR7	19371750	CHR7:19371750	SSF x Near_LoA	-11,8442974	-0,009	0,301
CHR7	19377391	CHR7:19377391	SSF x Near_LoA	-6,25301417	0,026	0,301
CHR7	19377421	CHR7:19377421	SSF x Near_LoA	-9,18550382	0,029	0,292
CHR7	19381815	CHR7:19381815	SSF x Near_LoA	-2,49330357	-0,209	0,295
CHR7	19385175	CHR7:19385175	SSF x Near_LoA	-3,56171031	0,033	0,305
CHR7	19385272	CHR7:19385272	SSF x Near_LoA	-10,1529957	-0,074	0,315
CHR7	19385286	CHR7:19385286	SSF x Near_LoA	-5,49320698	0,054	0,309
CHR7	19389992	CHR7:19389992	SSF x Near_LoA	-10,5817432	0,069	0,306
CHR7	19390188	CHR7:19390188	SSF x Near_LoA	-8,1042497	0,160	0,310
CHR7	19390216	CHR7:19390216	SSF x Near_LoA	-10,8666102	-0,058	0,313
CHR7	19390257	CHR7:19390257	SSF x Near_LoA	-9,28456045	-0,011	0,309
CHR7	19391376	CHR7:19391376	SSF x Near_LoA	-10,1120535	0,058	0,320
CHR7	19391412	CHR7:19391412	SSF x Near_LoA	-7,05587698	0,210	0,289
CHR7	19391429	CHR7:19391429	SSF x Near_LoA	-11,8983936	0,098	0,285
CHR7	19392958	CHR7:19392958	SSF x Near_LoA	-8,39642154	-0,023	0,324
CHR7	19393032	CHR7:19393032	SSF x Near_LoA	-6,38121022	0,097	0,306
CHR7	19393080	CHR7:19393080	SSF x Near_LoA	-8,43219874	-0,072	0,302
CHR7	19400119	CHR7:19400119	SSF x Near_LoA	-10,8345744	-0,034	0,318
CHR7	19400157	CHR7:19400157	SSF x Near_LoA	-10,4707393	0,056	0,306
CHR7	19400166	CHR7:19400166	SSF x Near_LoA	-11,1789221	0,051	0,305
CHR7	19400242	CHR7:19400242	SSF x Near_LoA	-10,4149246	0,103	0,311
CHR7	19400297	CHR7:19400297	SSF x Near_LoA	-8,36640269	-0,047	0,317
CHR7	19414877	CHR7:19414877	SSF x Near_LoA	-7,39918837	-0,014	0,325
CHR7	19422736	CHR7:19422736	SSF x Near_LoA	-8,2278598	0,067	0,306
CHR7	19422749	CHR7:19422749	SSF x Near_LoA	-9,48963	0,051	0,302
CHR7	19422803	CHR7:19422803	SSF x Near_LoA	-8,26329427	0,033	0,311
CHR7	19422815	CHR7:19422815	SSF x Near_LoA	-5,14803161	-0,016	0,313
CHR7	19422821	CHR7:19422821	SSF x Near_LoA	-8,95450522	-0,002	0,315
CHR7	19422832	CHR7:19422832	SSF x Near_LoA	-8,1988046	-0,064	0,305
CHR7	19422850	CHR7:19422850	SSF x Near_LoA	-8,40792144	0,026	0,310
CHR7	19425312	CHR7:19425312	SSF x Near_LoA	-10,7004106	0,028	0,315
CHR7	19426472	CHR7:19426472	SSF x Near_LoA	-10,113161	0,012	0,309
CHR7	19426630	CHR7:19426630	SSF x Near_LoA	-7,71702415	-0,182	0,289
CHR7	19428373	CHR7:19428373	SSF x Near_LoA	-6,51322269	0,108	0,316
CHR7	19430763	CHR7:19430763	SSF x Near_LoA	-5,76055202	-0,099	0,306
CHR7	19430782	CHR7:19430782	SSF x Near_LoA	-10,9756967	-0,078	0,311
CHR7	19430855	CHR7:19430855	SSF x Near_LoA	-11,6944768	-0,033	0,304
CHR7	19430873	CHR7:19430873	SSF x Near_LoA	-11,8617278	-0,014	0,311
CHR7	19430918	CHR7:19430918	SSF x Near_LoA	-11,8765802	-0,010	0,313
CHR7	19435176	CHR7:19435176	SSF x Near_LoA	-4,05686795	-0,118	0,315
CHR7	19435703	CHR7:19435703	SSF x Near_LoA	-8,60549844	0,096	0,303
CHR7	19437434	CHR7:19437434	SSF x Near_LoA	-10,6920531	0,005	0,295
CHR7	19437608	CHR7:19437608	SSF x Near_LoA	-11,1259217	0,039	0,294
CHR7	19438805	CHR7:19438805	SSF x Near_LoA	-12,0459096	-0,002	0,304
CHR7	19438829	CHR7:19438829	SSF x Near_LoA	-11,6496312	-0,019	0,308
CHR7	19438862	CHR7:19438862	SSF x Near_LoA	-3,50296667	-0,140	0,294

CHR7	19438863	CHR7:19438863	SSF x Near_LoA	-8,52894025	-0,147	0,283
CHR7	19438891	CHR7:19438891	SSF x Near_LoA	-10,8120252	-0,042	0,310
CHR7	19438928	CHR7:19438928	SSF x Near_LoA	-11,6561834	-0,035	0,305
CHR7	19448885	CHR7:19448885	SSF x Near_LoA	-8,36315968	0,028	0,307
CHR7	19449194	CHR7:19449194	SSF x Near_LoA	-10,772327	-0,106	0,306
CHR7	19453857	CHR7:19453857	SSF x Near_LoA	-9,78261507	-0,053	0,305
CHR7	19453869	CHR7:19453869	SSF x Near_LoA	-3,34737208	0,243	0,297
CHR7	19459448	CHR7:19459448	SSF x Near_LoA	-7,77134362	0,045	0,325
CHR7	19459456	CHR7:19459456	SSF x Near_LoA	-9,30867762	-0,017	0,312
CHR7	19461514	CHR7:19461514	SSF x Near_LoA	-9,84769285	-0,035	0,314
CHR7	19461571	CHR7:19461571	SSF x Near_LoA	-8,4361884	-0,004	0,306
CHR7	19464242	CHR7:19464242	SSF x Near_LoA	-8,77408185	0,055	0,303
CHR7	19464357	CHR7:19464357	SSF x Near_LoA	-7,7076756	-0,089	0,304
CHR7	19467078	CHR7:19467078	SSF x Near_LoA	-10,4657569	0,082	0,324
CHR7	19467097	CHR7:19467097	SSF x Near_LoA	-9,11579224	0,025	0,305
CHR7	19467175	CHR7:19467175	SSF x Near_LoA	-11,2855854	0,110	0,299
CHR7	19467188	CHR7:19467188	SSF x Near_LoA	-10,6256891	-0,017	0,313
CHR7	19474488	CHR7:19474488	SSF x Near_LoA	-6,24457985	-0,032	0,292
CHR7	19482494	CHR7:19482494	SSF x Near_LoA	-10,3988223	0,021	0,329
CHR7	19483588	CHR7:19483588	SSF x Near_LoA	-9,61028411	0,007	0,322
CHR7	19483662	CHR7:19483662	SSF x Near_LoA	-9,43089701	0,018	0,307
CHR7	19496090	CHR7:19496090	SSF x Near_LoA	-10,6604881	-0,021	0,316
CHR7	19496162	CHR7:19496162	SSF x Near_LoA	-7,71450271	-0,052	0,298
CHR7	2E+07	CHR7:19500297	SSF x Near_LoA	-10,8527242	-0,062	0,306
CHR7	2E+07	CHR7:19500316	SSF x Near_LoA	-11,3389093	-0,007	0,314
CHR7	2E+07	CHR7:19519061	SSF x Near_LoA	-9,21867733	0,030	0,321
CHR7	2E+07	CHR7:19531900	SSF x Near_LoA	-8,97173534	-0,095	0,304
CHR7	2E+07	CHR7:19532013	SSF x Near_LoA	-9,16193109	-0,037	0,306
CHR7	2E+07	CHR7:19532087	SSF x Near_LoA	-10,4834973	0,078	0,313
CHR7	2E+07	CHR7:19542663	SSF x Near_LoA	-7,37067756	0,040	0,324
CHR7	2E+07	CHR7:19542668	SSF x Near_LoA	-8,39142757	0,039	0,314
CHR7	2E+07	CHR7:19542715	SSF x Near_LoA	-7,67059375	0,139	0,285
CHR7	2E+07	CHR7:19542726	SSF x Near_LoA	-6,29257233	0,121	0,305
CHR7	2E+07	CHR7:19545758	SSF x Near_LoA	-8,93202421	-0,130	0,316
CHR7	2E+07	CHR7:19545805	SSF x Near_LoA	-10,3707615	-0,096	0,297
CHR7	2E+07	CHR7:19545850	SSF x Near_LoA	-8,44644457	0,112	0,306
CHR7	2E+07	CHR7:19545903	SSF x Near_LoA	-9,82909766	-0,133	0,305
CHR7	2E+07	CHR7:19545940	SSF x Near_LoA	-6,78933414	0,180	0,303
CHR7	2E+07	CHR7:19547070	SSF x Near_LoA	-10,0529568	-0,068	0,294
CHR7	2E+07	CHR7:19547075	SSF x Near_LoA	-4,29697682	-0,115	0,280
CHR7	2E+07	CHR7:19547132	SSF x Near_LoA	-6,84000452	0,092	0,307
CHR7	2E+07	CHR7:19556848	SSF x Near_LoA	-11,559603	0,042	0,293
CHR7	2E+07	CHR7:19556869	SSF x Near_LoA	-7,37645158	-0,166	0,300
CHR7	2E+07	CHR7:19556881	SSF x Near_LoA	-7,77784572	-0,147	0,302
CHR7	2E+07	CHR7:19557585	SSF x Near_LoA	-9,30538271	-0,095	0,315
CHR7	2E+07	CHR7:19560686	SSF x Near_LoA	-10,7942657	-0,008	0,310
CHR7	2E+07	CHR7:19560766	SSF x Near_LoA	-10,1982661	0,058	0,307
CHR7	2E+07	CHR7:19562012	SSF x Near_LoA	-8,5778059	-0,023	0,309
CHR7	2E+07	CHR7:19573790	SSF x Near_LoA	-6,28433098	-0,083	0,289
CHR7	2E+07	CHR7:19574031	SSF x Near_LoA	-9,87209739	-0,010	0,307
CHR7	2E+07	CHR7:19583673	SSF x Near_LoA	-7,86432759	0,089	0,301
CHR7	2E+07	CHR7:19583699	SSF x Near_LoA	-8,32424955	0,062	0,311
CHR7	2E+07	CHR7:19588978	SSF x Near_LoA	-9,80971256	-0,055	0,306

CHR7	2E+07	CHR7:19589055	SSF x Near_LoA	-7,43275334	-0,026	0,315
CHR7	2E+07	CHR7:19589056	SSF x Near_LoA	-11,4661515	-0,020	0,311
CHR7	2E+07	CHR7:19589057	SSF x Near_LoA	-11,5879314	-0,006	0,305
CHR7	2E+07	CHR7:19590564	SSF x Near_LoA	-8,11447873	0,069	0,298
CHR7	2E+07	CHR7:19590573	SSF x Near_LoA	-10,7020492	0,070	0,302
CHR7	2E+07	CHR7:19596559	SSF x Near_LoA	-7,99224323	0,087	0,302
CHR7	2E+07	CHR7:19596571	SSF x Near_LoA	-6,44272798	-0,074	0,322
CHR7	2E+07	CHR7:19596578	SSF x Near_LoA	-10,7738527	-0,033	0,306
CHR7	2E+07	CHR7:19596591	SSF x Near_LoA	-6,06442471	-0,126	0,316
CHR7	2E+07	CHR7:19596599	SSF x Near_LoA	-8,96731231	-0,024	0,313
CHR7	2E+07	CHR7:19596604	SSF x Near_LoA	-9,52682081	0,137	0,314
CHR7	2E+07	CHR7:19596633	SSF x Near_LoA	-9,66157192	-0,026	0,321
CHR7	2E+07	CHR7:19596634	SSF x Near_LoA	-9,67920439	-0,012	0,311
CHR7	2E+07	CHR7:19596808	SSF x Near_LoA	-8,17567726	0,050	0,318
CHR7	2E+07	CHR7:19601445	SSF x Near_LoA	-8,82956156	0,091	0,309
CHR7	2E+07	CHR7:19626044	SSF x Near_LoA	-10,4750829	-0,012	0,308
CHR7	2E+07	CHR7:19626194	SSF x Near_LoA	-8,86286356	0,026	0,312
CHR7	2E+07	CHR7:19628408	SSF x Near_LoA	-10,0125608	-0,025	0,326
CHR7	2E+07	CHR7:19628412	SSF x Near_LoA	-8,3168405	-0,060	0,309
CHR7	2E+07	CHR7:19628440	SSF x Near_LoA	-9,34426751	-0,023	0,326
CHR7	2E+07	CHR7:19628449	SSF x Near_LoA	-7,26181676	0,150	0,312
CHR7	2E+07	CHR7:19629421	SSF x Near_LoA	-7,48313712	0,146	0,300
CHR7	2E+07	CHR7:19629425	SSF x Near_LoA	-7,64546246	-0,119	0,313
CHR7	2E+07	CHR7:19630556	SSF x Near_LoA	-8,48016667	-0,037	0,307
CHR7	2E+07	CHR7:19630650	SSF x Near_LoA	-6,88208524	-0,048	0,302
CHR7	2E+07	CHR7:19636079	SSF x Near_LoA	-6,05010292	-0,020	0,304
CHR7	2E+07	CHR7:19636168	SSF x Near_LoA	-9,462464	-0,039	0,317
CHR7	2E+07	CHR7:19638403	SSF x Near_LoA	-7,89695041	-0,013	0,309
CHR7	2E+07	CHR7:19643243	SSF x Near_LoA	-10,3610301	0,034	0,308
CHR7	2E+07	CHR7:19643360	SSF x Near_LoA	-11,2583	-0,033	0,315
CHR7	2E+07	CHR7:19648944	SSF x Near_LoA	-9,08924759	-0,058	0,303
CHR7	2E+07	CHR7:19648968	SSF x Near_LoA	-5,54174395	0,132	0,319
CHR7	2E+07	CHR7:19649012	SSF x Near_LoA	-11,4076814	-0,006	0,307
CHR7	2E+07	CHR7:19649079	SSF x Near_LoA	-8,67396933	0,045	0,313
CHR7	2E+07	CHR7:19649092	SSF x Near_LoA	-9,09834295	-0,007	0,314
CHR7	1966150	CHR7:1966150	SSF x Near_LoA	-9,11445449	0,024	0,292
CHR7	1966304	CHR7:1966304	SSF x Near_LoA	-9,60102248	-0,026	0,309
CHR7	1966552	CHR7:1966552	SSF x Near_LoA	-10,3401703	-0,018	0,307
CHR7	2E+07	CHR7:19682659	SSF x Near_LoA	-7,41479315	0,086	0,309
CHR7	2E+07	CHR7:19682662	SSF x Near_LoA	-8,00143104	-0,071	0,314
CHR7	2E+07	CHR7:19682669	SSF x Near_LoA	-5,55298926	-0,125	0,315
CHR7	2E+07	CHR7:19682678	SSF x Near_LoA	-7,8112927	0,090	0,324
CHR7	2E+07	CHR7:19684980	SSF x Near_LoA	-9,8369919	0,118	0,288
CHR7	2E+07	CHR7:19685022	SSF x Near_LoA	-9,78531515	-0,044	0,335
CHR7	2E+07	CHR7:19685036	SSF x Near_LoA	-10,8233	-0,047	0,313
CHR7	2E+07	CHR7:19685061	SSF x Near_LoA	-6,65985674	-0,119	0,302
CHR7	2E+07	CHR7:19685940	SSF x Near_LoA	-9,89556201	-0,054	0,293
CHR7	2E+07	CHR7:19685992	SSF x Near_LoA	-8,55062843	0,017	0,305
CHR7	2E+07	CHR7:19689004	SSF x Near_LoA	-8,05619516	0,024	0,314
CHR7	2E+07	CHR7:19689086	SSF x Near_LoA	-6,16445278	-0,049	0,308
CHR7	2E+07	CHR7:19689099	SSF x Near_LoA	-6,40567312	0,005	0,311
CHR7	2E+07	CHR7:19689117	SSF x Near_LoA	-9,50964953	0,015	0,305
CHR7	2E+07	CHR7:19689153	SSF x Near_LoA	-10,4448349	0,018	0,309

CHR7	1969494	CHR7:1969494	SSF x Near_LoA	-9,94790105	-0,069	0,321
CHR7	2E+07	CHR7:19701508	SSF x Near_LoA	-8,1673326	-0,134	0,307
CHR7	2E+07	CHR7:19713555	SSF x Near_LoA	-8,85925105	-0,044	0,309
CHR7	2E+07	CHR7:19713710	SSF x Near_LoA	-10,8460653	-0,023	0,310
CHR7	2E+07	CHR7:19717840	SSF x Near_LoA	-9,73725591	0,005	0,309
CHR7	2E+07	CHR7:19717850	SSF x Near_LoA	-9,8114308	0,011	0,313
CHR7	2E+07	CHR7:19717952	SSF x Near_LoA	-8,20855717	-0,020	0,311
CHR7	2E+07	CHR7:19718005	SSF x Near_LoA	-11,8521573	0,075	0,297
CHR7	2E+07	CHR7:19723696	SSF x Near_LoA	1,17908421	-0,081	0,305
CHR7	2E+07	CHR7:19723725	SSF x Near_LoA	-10,2941062	-0,005	0,293
CHR7	2E+07	CHR7:19723730	SSF x Near_LoA	-9,33751001	0,107	0,299
CHR7	2E+07	CHR7:19723743	SSF x Near_LoA	-9,65907731	-0,148	0,315
CHR7	2E+07	CHR7:19723750	SSF x Near_LoA	-11,2401802	-0,061	0,300
CHR7	2E+07	CHR7:19730535	SSF x Near_LoA	-7,38728438	0,029	0,308
CHR7	2E+07	CHR7:19730627	SSF x Near_LoA	-9,39095315	0,091	0,298
CHR7	2E+07	CHR7:19730888	SSF x Near_LoA	-9,44682943	-0,047	0,302
CHR7	2E+07	CHR7:19743292	SSF x Near_LoA	-9,25053845	-0,013	0,317
CHR7	2E+07	CHR7:19743331	SSF x Near_LoA	-10,8528042	-0,048	0,309
CHR7	2E+07	CHR7:19743387	SSF x Near_LoA	-6,02431977	-0,151	0,303
CHR7	1974624	CHR7:1974624	SSF x Near_LoA	-8,99824647	-0,078	0,322
CHR7	1974835	CHR7:1974835	SSF x Near_LoA	-6,18651113	0,077	0,314
CHR7	1974847	CHR7:1974847	SSF x Near_LoA	-10,0406139	0,087	0,312
CHR7	2E+07	CHR7:19756715	SSF x Near_LoA	-8,14547003	-0,136	0,301
CHR7	2E+07	CHR7:19772223	SSF x Near_LoA	-11,7709374	-0,058	0,305
CHR7	2E+07	CHR7:19772226	SSF x Near_LoA	-8,47915124	0,097	0,301
CHR7	2E+07	CHR7:19772287	SSF x Near_LoA	-8,61355717	0,072	0,298
CHR7	2E+07	CHR7:19772292	SSF x Near_LoA	-9,4145675	-0,005	0,309
CHR7	2E+07	CHR7:19772297	SSF x Near_LoA	-10,143726	0,066	0,305
CHR7	2E+07	CHR7:19787328	SSF x Near_LoA	-10,8174674	-0,113	0,315
CHR7	2E+07	CHR7:19787916	SSF x Near_LoA	-7,98748096	0,119	0,298
CHR7	2E+07	CHR7:19804439	SSF x Near_LoA	-7,96341937	0,081	0,306
CHR7	2E+07	CHR7:19804496	SSF x Near_LoA	-10,3658507	0,028	0,305
CHR7	2E+07	CHR7:19804785	SSF x Near_LoA	-9,74807548	0,026	0,298
CHR7	1981719	CHR7:1981719	SSF x Near_LoA	-9,97624521	0,025	0,305
CHR7	1981777	CHR7:1981777	SSF x Near_LoA	-10,8690998	0,081	0,311
CHR7	1981780	CHR7:1981780	SSF x Near_LoA	-10,6654793	0,066	0,306
CHR7	1981786	CHR7:1981786	SSF x Near_LoA	-9,60708037	-0,032	0,312
CHR7	1981817	CHR7:1981817	SSF x Near_LoA	-11,2525517	0,063	0,305
CHR7	1981831	CHR7:1981831	SSF x Near_LoA	-9,83275523	0,092	0,316
CHR7	1982067	CHR7:1982067	SSF x Near_LoA	-9,10111032	-0,011	0,318
CHR7	2E+07	CHR7:19821401	SSF x Near_LoA	-11,2973838	-0,058	0,307
CHR7	2E+07	CHR7:19821584	SSF x Near_LoA	-9,09808524	-0,061	0,285
CHR7	2E+07	CHR7:19821610	SSF x Near_LoA	-7,69688796	0,062	0,319
CHR7	2E+07	CHR7:19821613	SSF x Near_LoA	-8,59172087	0,046	0,318
CHR7	2E+07	CHR7:19821660	SSF x Near_LoA	-9,18923078	-0,017	0,309
CHR7	2E+07	CHR7:19821676	SSF x Near_LoA	-8,00097997	0,007	0,319
CHR7	2E+07	CHR7:19823348	SSF x Near_LoA	-10,3411176	-0,075	0,302
CHR7	2E+07	CHR7:19837312	SSF x Near_LoA	-8,34269922	0,046	0,310
CHR7	2E+07	CHR7:19837480	SSF x Near_LoA	-7,26953356	-0,009	0,304
CHR7	2E+07	CHR7:19840124	SSF x Near_LoA	-10,2093853	0,081	0,303
CHR7	2E+07	CHR7:19840189	SSF x Near_LoA	-7,35804179	-0,017	0,306
CHR7	2E+07	CHR7:19844663	SSF x Near_LoA	-8,07930001	0,122	0,308
CHR7	2E+07	CHR7:19844717	SSF x Near_LoA	-10,0047278	0,089	0,312

CHR7	2E+07	CHR7:19847510	SSF x Near_LoA	-8,79326886	0,206	0,303
CHR7	2E+07	CHR7:19847690	SSF x Near_LoA	-8,55287112	-0,036	0,314
CHR7	2E+07	CHR7:19858795	SSF x Near_LoA	-11,546775	0,023	0,312
CHR7	2E+07	CHR7:19858932	SSF x Near_LoA	-6,47690655	0,156	0,291
CHR7	2E+07	CHR7:19859028	SSF x Near_LoA	-3,80871912	-0,047	0,306
CHR7	2E+07	CHR7:19864328	SSF x Near_LoA	-9,6898637	0,076	0,303
CHR7	2E+07	CHR7:19866026	SSF x Near_LoA	-9,39983776	0,005	0,308
CHR7	2E+07	CHR7:19892162	SSF x Near_LoA	-9,07729182	-0,143	0,316
CHR7	2E+07	CHR7:19892188	SSF x Near_LoA	-5,32320886	0,184	0,272
CHR7	2E+07	CHR7:19892297	SSF x Near_LoA	-9,20287727	0,079	0,300
CHR7	2E+07	CHR7:19894735	SSF x Near_LoA	-5,25956907	0,206	0,296
CHR7	2E+07	CHR7:19894996	SSF x Near_LoA	-10,5203446	0,011	0,311
CHR7	2E+07	CHR7:19895044	SSF x Near_LoA	-10,3963315	0,003	0,314
CHR7	2E+07	CHR7:19906684	SSF x Near_LoA	-7,60588211	0,046	0,316
CHR7	2E+07	CHR7:19906985	SSF x Near_LoA	-9,37924042	-0,147	0,298
CHR7	2E+07	CHR7:19911035	SSF x Near_LoA	-9,79058406	0,057	0,307
CHR7	2E+07	CHR7:19911060	SSF x Near_LoA	-6,50897569	-0,185	0,311
CHR7	2E+07	CHR7:19911097	SSF x Near_LoA	-11,4857236	0,045	0,304
CHR7	2E+07	CHR7:19911109	SSF x Near_LoA	-7,18090955	-0,060	0,315
CHR7	2E+07	CHR7:19911453	SSF x Near_LoA	-11,509643	-0,040	0,306
CHR7	2E+07	CHR7:19913995	SSF x Near_LoA	-11,1769699	0,027	0,327
CHR7	2E+07	CHR7:19917014	SSF x Near_LoA	-11,6279	-0,038	0,305
CHR7	2E+07	CHR7:19917220	SSF x Near_LoA	-8,67790843	-0,021	0,307
CHR7	2E+07	CHR7:19924106	SSF x Near_LoA	-9,40145657	0,047	0,315
CHR7	2E+07	CHR7:19924199	SSF x Near_LoA	-9,37940178	0,075	0,296
CHR7	2E+07	CHR7:19924233	SSF x Near_LoA	-9,37749629	-0,015	0,311
CHR7	2E+07	CHR7:19924374	SSF x Near_LoA	-10,5829623	-0,036	0,319
CHR7	2E+07	CHR7:19931603	SSF x Near_LoA	-6,33893867	-0,106	0,316
CHR7	2E+07	CHR7:19931619	SSF x Near_LoA	-6,85629274	0,059	0,310
CHR7	2E+07	CHR7:19931879	SSF x Near_LoA	-8,35195407	0,034	0,306
CHR7	2E+07	CHR7:19931917	SSF x Near_LoA	-11,5928608	0,016	0,292
CHR7	2E+07	CHR7:19931925	SSF x Near_LoA	-7,61648488	0,043	0,309
CHR7	2E+07	CHR7:19950033	SSF x Near_LoA	-10,4584482	0,058	0,318
CHR7	2E+07	CHR7:19956779	SSF x Near_LoA	-9,66196996	0,045	0,304
CHR7	2E+07	CHR7:19956895	SSF x Near_LoA	-6,78099211	0,027	0,304
CHR7	2E+07	CHR7:19956916	SSF x Near_LoA	-9,52427998	0,049	0,305
CHR7	2E+07	CHR7:19956977	SSF x Near_LoA	-8,30031879	0,057	0,308
CHR7	2E+07	CHR7:19956989	SSF x Near_LoA	-9,30376124	-0,110	0,299
CHR7	2E+07	CHR7:19957002	SSF x Near_LoA	-6,61922832	0,025	0,319
CHR7	2E+07	CHR7:19959408	SSF x Near_LoA	-8,5054102	0,040	0,301
CHR7	2E+07	CHR7:19959413	SSF x Near_LoA	-7,21201467	0,040	0,309
CHR7	2E+07	CHR7:19964480	SSF x Near_LoA	-10,1139169	-0,038	0,306
CHR7	2E+07	CHR7:19964508	SSF x Near_LoA	-4,5204941	-0,057	0,303
CHR7	2E+07	CHR7:19964675	SSF x Near_LoA	-8,32545426	-0,128	0,307
CHR7	2E+07	CHR7:19977991	SSF x Near_LoA	-11,6016391	0,048	0,305
CHR7	1997985	CHR7:1997985	SSF x Near_LoA	-9,61834806	0,092	0,304
CHR7	2E+07	CHR7:19988651	SSF x Near_LoA	-9,45160339	-0,031	0,327
CHR7	2E+07	CHR7:19988756	SSF x Near_LoA	-9,05252423	0,024	0,301
CHR7	2E+07	CHR7:19988818	SSF x Near_LoA	-8,28543678	0,114	0,285
CHR7	2E+07	CHR7:19988832	SSF x Near_LoA	-9,860153	-0,087	0,311
CHR7	2E+07	CHR7:19988893	SSF x Near_LoA	-10,3523428	0,017	0,310
CHR7	2E+07	CHR7:20005897	SSF x Near_LoA	-9,43633985	-0,038	0,312
CHR7	2E+07	CHR7:20005901	SSF x Near_LoA	5,00730539	0,054	0,313

CHR7	2E+07	CHR7:20005951	SSF x Near_LoA	-11,0388807	-0,074	0,322
CHR7	2E+07	CHR7:20005957	SSF x Near_LoA	-9,70982092	-0,041	0,309
CHR7	2000800	CHR7:2000800	SSF x Near_LoA	-9,95877181	0,028	0,304
CHR7	2E+07	CHR7:20008672	SSF x Near_LoA	-10,6905716	-0,112	0,311
CHR7	2E+07	CHR7:20018072	SSF x Near_LoA	-10,9692255	0,037	0,295
CHR7	2E+07	CHR7:20018247	SSF x Near_LoA	-11,8328912	-0,034	0,307
CHR7	2E+07	CHR7:20025827	SSF x Near_LoA	-8,76508695	-0,011	0,304
CHR7	2E+07	CHR7:20026065	SSF x Near_LoA	-11,7202441	-0,032	0,303
CHR7	2E+07	CHR7:20026082	SSF x Near_LoA	-9,63302565	-0,062	0,313
CHR7	2E+07	CHR7:20026085	SSF x Near_LoA	-10,0895969	0,004	0,301
CHR7	2E+07	CHR7:20026128	SSF x Near_LoA	-5,56994812	-0,056	0,308
CHR7	2E+07	CHR7:20042257	SSF x Near_LoA	-9,20314027	-0,019	0,316
CHR7	2E+07	CHR7:20042464	SSF x Near_LoA	-8,45613089	0,058	0,314
CHR7	2E+07	CHR7:20043871	SSF x Near_LoA	2,410186	0,217	0,292
CHR7	2E+07	CHR7:20043880	SSF x Near_LoA	1,18970541	0,268	0,293
CHR7	2E+07	CHR7:20043958	SSF x Near_LoA	-9,5285557	-0,042	0,313
CHR7	2E+07	CHR7:20044037	SSF x Near_LoA	-2,29708644	0,349	0,272
CHR7	2E+07	CHR7:20044067	SSF x Near_LoA	-5,49439499	0,092	0,290
CHR7	2E+07	CHR7:20053750	SSF x Near_LoA	-9,95001166	0,005	0,320
CHR7	2E+07	CHR7:20053779	SSF x Near_LoA	-10,0342727	-0,052	0,312
CHR7	2E+07	CHR7:20053804	SSF x Near_LoA	-6,69956404	-0,040	0,318
CHR7	2E+07	CHR7:20053893	SSF x Near_LoA	-10,0993546	-0,070	0,300
CHR7	2E+07	CHR7:20054546	SSF x Near_LoA	-11,8503094	0,099	0,287
CHR7	2E+07	CHR7:20067333	SSF x Near_LoA	-11,36873	-0,016	0,308
CHR7	2E+07	CHR7:20073924	SSF x Near_LoA	-8,91134315	0,100	0,300
CHR7	2E+07	CHR7:20073993	SSF x Near_LoA	-9,06639769	0,047	0,309
CHR7	2E+07	CHR7:20075514	SSF x Near_LoA	-8,8275475	-0,048	0,313
CHR7	2E+07	CHR7:20092536	SSF x Near_LoA	-7,62990623	0,126	0,313
CHR7	2E+07	CHR7:20124556	SSF x Near_LoA	-11,6482963	0,014	0,295
CHR7	2E+07	CHR7:20124718	SSF x Near_LoA	-7,49482639	-0,004	0,316
CHR7	2E+07	CHR7:20154230	SSF x Near_LoA	-8,81817361	-0,009	0,320
CHR7	2E+07	CHR7:20154236	SSF x Near_LoA	-8,91069643	-0,003	0,322
CHR7	2E+07	CHR7:20154268	SSF x Near_LoA	-7,6401879	-0,004	0,319
CHR7	2E+07	CHR7:20154275	SSF x Near_LoA	-8,71080029	-0,002	0,316
CHR7	2E+07	CHR7:20154295	SSF x Near_LoA	-8,33419801	-0,030	0,312
CHR7	2E+07	CHR7:20154298	SSF x Near_LoA	-9,15603438	0,003	0,322
CHR7	2E+07	CHR7:20154305	SSF x Near_LoA	-8,38127856	0,017	0,327
CHR7	2E+07	CHR7:20154343	SSF x Near_LoA	-8,52447682	-0,020	0,316
CHR7	2E+07	CHR7:20154346	SSF x Near_LoA	-9,33280075	0,011	0,320
CHR7	2E+07	CHR7:20154476	SSF x Near_LoA	-9,92633897	-0,132	0,303
CHR7	2016842	CHR7:2016842	SSF x Near_LoA	-11,2676292	0,082	0,306
CHR7	2016873	CHR7:2016873	SSF x Near_LoA	-9,51346417	0,037	0,295
CHR7	2017005	CHR7:2017005	SSF x Near_LoA	-8,64802602	-0,113	0,299
CHR7	2017019	CHR7:2017019	SSF x Near_LoA	-11,0195843	0,020	0,308
CHR7	2017059	CHR7:2017059	SSF x Near_LoA	-6,91127699	0,093	0,301
CHR7	2E+07	CHR7:20230844	SSF x Near_LoA	-8,41703427	0,016	0,321
CHR7	2E+07	CHR7:20233936	SSF x Near_LoA	-11,4174392	0,004	0,304
CHR7	2E+07	CHR7:20237629	SSF x Near_LoA	-8,06367343	0,054	0,316
CHR7	2E+07	CHR7:20248130	SSF x Near_LoA	-11,4317336	0,018	0,329
CHR7	2E+07	CHR7:20258122	SSF x Near_LoA	-10,8334874	-0,084	0,307
CHR7	2E+07	CHR7:20263213	SSF x Near_LoA	-7,75782392	-0,120	0,312
CHR7	2E+07	CHR7:20263404	SSF x Near_LoA	-11,3887157	0,029	0,290
CHR7	2E+07	CHR7:20269317	SSF x Near_LoA	-11,5367304	-0,011	0,316

CHR7	2E+07	CHR7:20269444	SSF x Near_LoA	-10,4853723	0,023	0,306
CHR7	2E+07	CHR7:20277513	SSF x Near_LoA	-6,83775084	0,133	0,314
CHR7	2E+07	CHR7:20277620	SSF x Near_LoA	-6,12303357	-0,125	0,319
CHR7	2E+07	CHR7:20300318	SSF x Near_LoA	-11,943263	0,055	0,304
CHR7	2E+07	CHR7:20300320	SSF x Near_LoA	-10,641659	-0,063	0,307
CHR7	2E+07	CHR7:20300350	SSF x Near_LoA	-10,4712239	-0,036	0,314
CHR7	2E+07	CHR7:20300436	SSF x Near_LoA	-4,91539395	0,078	0,304
CHR7	2E+07	CHR7:20304513	SSF x Near_LoA	-7,97733768	0,072	0,316
CHR7	2E+07	CHR7:20304516	SSF x Near_LoA	-9,45757207	-0,031	0,310
CHR7	2E+07	CHR7:20304535	SSF x Near_LoA	-10,5863873	0,022	0,305
CHR7	2E+07	CHR7:20307513	SSF x Near_LoA	-8,66068006	-0,145	0,292
CHR7	2E+07	CHR7:20307535	SSF x Near_LoA	-5,84137617	-0,156	0,298
CHR7	2E+07	CHR7:20307685	SSF x Near_LoA	-9,95794325	-0,018	0,311
CHR7	2031030	CHR7:2031030	SSF x Near_LoA	-8,85173029	0,021	0,310
CHR7	2031042	CHR7:2031042	SSF x Near_LoA	-11,3714005	0,034	0,307
CHR7	2031083	CHR7:2031083	SSF x Near_LoA	-10,2593823	0,062	0,309
CHR7	2031131	CHR7:2031131	SSF x Near_LoA	-12,2510027	-0,006	0,301
CHR7	2E+07	CHR7:20311360	SSF x Near_LoA	-7,18538574	-0,121	0,313
CHR7	2E+07	CHR7:20311395	SSF x Near_LoA	-0,92060437	-0,048	0,317
CHR7	2E+07	CHR7:20311423	SSF x Near_LoA	-9,47686566	0,023	0,310
CHR7	2E+07	CHR7:20311444	SSF x Near_LoA	-8,70904038	0,027	0,319
CHR7	2E+07	CHR7:20311459	SSF x Near_LoA	-11,1886001	0,026	0,304
CHR7	2E+07	CHR7:20311462	SSF x Near_LoA	-5,82242885	0,012	0,301
CHR7	2E+07	CHR7:20311496	SSF x Near_LoA	-9,43820318	0,076	0,318
CHR7	2E+07	CHR7:20311529	SSF x Near_LoA	-10,3166606	0,017	0,311
CHR7	2031160	CHR7:2031160	SSF x Near_LoA	-10,3679828	0,075	0,315
CHR7	2031206	CHR7:2031206	SSF x Near_LoA	-11,5742741	-0,064	0,290
CHR7	2E+07	CHR7:20312998	SSF x Near_LoA	-9,45846571	-0,140	0,303
CHR7	2E+07	CHR7:20313002	SSF x Near_LoA	-9,56593738	0,090	0,300
CHR7	2E+07	CHR7:20313030	SSF x Near_LoA	-8,86729769	-0,047	0,308
CHR7	2E+07	CHR7:20313201	SSF x Near_LoA	-11,8131203	0,030	0,309
CHR7	2E+07	CHR7:20313210	SSF x Near_LoA	-11,9324127	0,020	0,315
CHR7	2E+07	CHR7:20313227	SSF x Near_LoA	6,73195399	-0,057	0,320
CHR7	2E+07	CHR7:20313229	SSF x Near_LoA	-7,69770426	-0,080	0,296
CHR7	2E+07	CHR7:20323570	SSF x Near_LoA	-9,7205013	0,068	0,305
CHR7	2E+07	CHR7:20323579	SSF x Near_LoA	-9,85218639	0,101	0,304
CHR7	2E+07	CHR7:20323637	SSF x Near_LoA	-8,869593	0,047	0,294
CHR7	2E+07	CHR7:20323671	SSF x Near_LoA	-6,27996196	-0,067	0,298
CHR7	2E+07	CHR7:20334653	SSF x Near_LoA	-7,46545543	0,027	0,303
CHR7	2E+07	CHR7:20336251	SSF x Near_LoA	-10,0814882	0,006	0,303
CHR7	2E+07	CHR7:20346436	SSF x Near_LoA	-9,03852695	0,060	0,303
CHR7	2E+07	CHR7:20346604	SSF x Near_LoA	-8,9771625	-0,087	0,315
CHR7	2035620	CHR7:2035620	SSF x Near_LoA	-8,7285559	0,002	0,284
CHR7	2035665	CHR7:2035665	SSF x Near_LoA	-11,8875081	-0,008	0,301
CHR7	2035669	CHR7:2035669	SSF x Near_LoA	-6,58384041	-0,168	0,313
CHR7	2035739	CHR7:2035739	SSF x Near_LoA	-9,40704664	-0,051	0,309
CHR7	2E+07	CHR7:20359244	SSF x Near_LoA	-6,64312016	-0,116	0,297
CHR7	2E+07	CHR7:20359265	SSF x Near_LoA	-10,6723053	0,043	0,303
CHR7	2E+07	CHR7:20362851	SSF x Near_LoA	-7,55352567	0,044	0,301
CHR7	2E+07	CHR7:20363000	SSF x Near_LoA	-9,34099704	0,091	0,305
CHR7	2E+07	CHR7:20363033	SSF x Near_LoA	-10,0283345	0,035	0,319
CHR7	2E+07	CHR7:20363047	SSF x Near_LoA	-5,35041023	0,021	0,311
CHR7	2E+07	CHR7:20363048	SSF x Near_LoA	-10,0217318	-0,019	0,305

CHR7	2E+07	CHR7:20386552	SSF x Near_LoA	-10,3501463	0,017	0,313
CHR7	2E+07	CHR7:20398409	SSF x Near_LoA	-11,7156561	0,087	0,307
CHR7	2E+07	CHR7:20403297	SSF x Near_LoA	-8,29206065	0,092	0,311
CHR7	2E+07	CHR7:20412820	SSF x Near_LoA	-8,91057951	-0,083	0,320
CHR7	2E+07	CHR7:20412966	SSF x Near_LoA	-9,26813551	-0,045	0,315
CHR7	2E+07	CHR7:20416035	SSF x Near_LoA	-10,1265797	-0,071	0,303
CHR7	2E+07	CHR7:20425201	SSF x Near_LoA	-8,21628698	0,069	0,307
CHR7	2E+07	CHR7:20425227	SSF x Near_LoA	-4,41343687	-0,053	0,318
CHR7	2E+07	CHR7:20428341	SSF x Near_LoA	-10,2550052	-0,046	0,304
CHR7	2E+07	CHR7:20433213	SSF x Near_LoA	-6,38614532	0,040	0,307
CHR7	2E+07	CHR7:20433222	SSF x Near_LoA	-9,31265099	0,007	0,294
CHR7	2E+07	CHR7:20433240	SSF x Near_LoA	-9,87778454	-0,032	0,301
CHR7	2E+07	CHR7:20433242	SSF x Near_LoA	-11,6741423	0,027	0,302
CHR7	2E+07	CHR7:20433750	SSF x Near_LoA	-8,37710147	-0,040	0,314
CHR7	2E+07	CHR7:20435155	SSF x Near_LoA	-8,78354174	-0,009	0,297
CHR7	2E+07	CHR7:20435271	SSF x Near_LoA	-9,45335883	-0,082	0,318
CHR7	2E+07	CHR7:20435472	SSF x Near_LoA	-8,13869737	-0,126	0,311
CHR7	2E+07	CHR7:20444227	SSF x Near_LoA	-10,0669665	0,072	0,308
CHR7	2E+07	CHR7:20444233	SSF x Near_LoA	-10,591558	-0,023	0,307
CHR7	2E+07	CHR7:20444239	SSF x Near_LoA	-3,30766679	-0,051	0,310
CHR7	2E+07	CHR7:20444367	SSF x Near_LoA	-9,17778757	0,075	0,293
CHR7	2E+07	CHR7:20445273	SSF x Near_LoA	-11,7778717	0,049	0,304
CHR7	2E+07	CHR7:20445315	SSF x Near_LoA	-6,93063329	-0,020	0,316
CHR7	2E+07	CHR7:20445321	SSF x Near_LoA	-9,90865369	0,014	0,316
CHR7	2E+07	CHR7:20445330	SSF x Near_LoA	-9,97120618	-0,057	0,303
CHR7	2E+07	CHR7:20450459	SSF x Near_LoA	-11,4332957	0,080	0,306
CHR7	2E+07	CHR7:20450506	SSF x Near_LoA	-3,95258055	-0,046	0,309
CHR7	2E+07	CHR7:20450576	SSF x Near_LoA	-10,6512617	0,029	0,309
CHR7	2E+07	CHR7:20455409	SSF x Near_LoA	-6,94225157	-0,146	0,289
CHR7	2E+07	CHR7:20455589	SSF x Near_LoA	-8,61337492	0,086	0,319
CHR7	2E+07	CHR7:20455616	SSF x Near_LoA	-8,07898709	0,075	0,304
CHR7	2E+07	CHR7:20456774	SSF x Near_LoA	-8,71272643	-0,027	0,303
CHR7	2E+07	CHR7:20456811	SSF x Near_LoA	-9,01564248	-0,042	0,296
CHR7	2E+07	CHR7:20466425	SSF x Near_LoA	-7,12083237	0,152	0,295
CHR7	2E+07	CHR7:20466483	SSF x Near_LoA	-6,79868192	0,119	0,305
CHR7	2E+07	CHR7:20466596	SSF x Near_LoA	-7,64234573	0,054	0,307
CHR7	2E+07	CHR7:20466650	SSF x Near_LoA	-7,7277874	-0,038	0,308
CHR7	2047426	CHR7:2047426	SSF x Near_LoA	-8,11186217	-0,009	0,301
CHR7	2E+07	CHR7:20476591	SSF x Near_LoA	-10,3318831	-0,011	0,313
CHR7	2E+07	CHR7:20476914	SSF x Near_LoA	-8,6079533	0,043	0,312
CHR7	2E+07	CHR7:20476929	SSF x Near_LoA	-8,47334367	0,142	0,299
CHR7	2E+07	CHR7:20491163	SSF x Near_LoA	-4,61612371	0,054	0,319
CHR7	2E+07	CHR7:20493064	SSF x Near_LoA	-9,27482149	-0,126	0,299
CHR7	2E+07	CHR7:20493130	SSF x Near_LoA	-9,1192272	-0,143	0,306
CHR7	2E+07	CHR7:20495911	SSF x Near_LoA	-10,0955046	0,024	0,296
CHR7	2E+07	CHR7:20496051	SSF x Near_LoA	-3,05393283	-0,203	0,303
CHR7	20502841	CHR7:20502841	SSF x Near_LoA	-9,74728214	0,026	0,307
CHR7	20502885	CHR7:20502885	SSF x Near_LoA	-9,55242226	0,140	0,297
CHR7	20502922	CHR7:20502922	SSF x Near_LoA	-8,27983977	-0,044	0,306
CHR7	20509497	CHR7:20509497	SSF x Near_LoA	-11,1532831	-0,033	0,300
CHR7	2051386	CHR7:2051386	SSF x Near_LoA	-10,7633208	-0,037	0,323
CHR7	2051410	CHR7:2051410	SSF x Near_LoA	-6,93717213	-0,119	0,301
CHR7	20514646	CHR7:20514646	SSF x Near_LoA	-12,3096966	0,062	0,293

CHR7	20525429	CHR7:20525429	SSF x Near_LoA	-9,24643451	0,000	0,318
CHR7	20525430	CHR7:20525430	SSF x Near_LoA	-3,6068816	-0,007	0,318
CHR7	20525435	CHR7:20525435	SSF x Near_LoA	-10,1621914	0,081	0,304
CHR7	20525540	CHR7:20525540	SSF x Near_LoA	-10,6580382	0,036	0,295
CHR7	20537097	CHR7:20537097	SSF x Near_LoA	-9,37536547	0,033	0,309
CHR7	20546060	CHR7:20546060	SSF x Near_LoA	-8,71984231	-0,063	0,297
CHR7	20546067	CHR7:20546067	SSF x Near_LoA	-8,28008739	-0,037	0,312
CHR7	2055523	CHR7:2055523	SSF x Near_LoA	-11,0684488	0,119	0,291
CHR7	20563225	CHR7:20563225	SSF x Near_LoA	-8,69541922	0,054	0,303
CHR7	20563238	CHR7:20563238	SSF x Near_LoA	-8,44122946	-0,004	0,319
CHR7	20563262	CHR7:20563262	SSF x Near_LoA	-10,7316703	0,130	0,299
CHR7	20563899	CHR7:20563899	SSF x Near_LoA	-9,59311488	-0,059	0,321
CHR7	20563905	CHR7:20563905	SSF x Near_LoA	-9,99098684	0,055	0,306
CHR7	20563913	CHR7:20563913	SSF x Near_LoA	-10,4893234	-0,007	0,300
CHR7	20563947	CHR7:20563947	SSF x Near_LoA	-7,60581594	-0,026	0,319
CHR7	2057363	CHR7:2057363	SSF x Near_LoA	-8,30472215	-0,140	0,296
CHR7	2057382	CHR7:2057382	SSF x Near_LoA	-8,900867	-0,149	0,325
CHR7	20588603	CHR7:20588603	SSF x Near_LoA	-9,98513028	-0,062	0,318
CHR7	20588618	CHR7:20588618	SSF x Near_LoA	-9,8167091	-0,059	0,298
CHR7	20588677	CHR7:20588677	SSF x Near_LoA	-8,84509621	-0,052	0,285
CHR7	20588693	CHR7:20588693	SSF x Near_LoA	-9,13060565	-0,057	0,296
CHR7	20588705	CHR7:20588705	SSF x Near_LoA	-9,99941923	0,014	0,313
CHR7	20589936	CHR7:20589936	SSF x Near_LoA	-8,94215857	-0,046	0,306
CHR7	20592831	CHR7:20592831	SSF x Near_LoA	-9,77226441	-0,042	0,312
CHR7	20592853	CHR7:20592853	SSF x Near_LoA	-8,28678775	0,028	0,305
CHR7	20592856	CHR7:20592856	SSF x Near_LoA	-10,5308907	0,088	0,310
CHR7	2060241	CHR7:2060241	SSF x Near_LoA	-7,78727486	0,121	0,309
CHR7	206182	CHR7:206182	SSF x Near_LoA	-6,1823581	-0,146	0,299
CHR7	20627018	CHR7:20627018	SSF x Near_LoA	-6,80820991	0,082	0,311
CHR7	20627027	CHR7:20627027	SSF x Near_LoA	-3,49515027	0,086	0,309
CHR7	20627053	CHR7:20627053	SSF x Near_LoA	-8,37904027	-0,030	0,319
CHR7	20627091	CHR7:20627091	SSF x Near_LoA	-8,75813657	-0,021	0,308
CHR7	20634291	CHR7:20634291	SSF x Near_LoA	-9,82944251	0,044	0,294
CHR7	20634835	CHR7:20634835	SSF x Near_LoA	-7,86047155	0,031	0,305
CHR7	20641231	CHR7:20641231	SSF x Near_LoA	-8,70452125	0,065	0,307
CHR7	20641415	CHR7:20641415	SSF x Near_LoA	-8,47773866	-0,032	0,303
CHR7	20641434	CHR7:20641434	SSF x Near_LoA	-9,72445767	-0,064	0,310
CHR7	20647532	CHR7:20647532	SSF x Near_LoA	-9,41380145	-0,037	0,316
CHR7	20647569	CHR7:20647569	SSF x Near_LoA	-8,95179968	-0,028	0,312
CHR7	20647571	CHR7:20647571	SSF x Near_LoA	-3,20889476	0,051	0,317
CHR7	20647576	CHR7:20647576	SSF x Near_LoA	-4,37421698	-0,011	0,309
CHR7	20647610	CHR7:20647610	SSF x Near_LoA	-8,07191687	-0,137	0,308
CHR7	20649170	CHR7:20649170	SSF x Near_LoA	-7,80199686	0,101	0,301
CHR7	20649206	CHR7:20649206	SSF x Near_LoA	-10,5302523	-0,064	0,310
CHR7	20651033	CHR7:20651033	SSF x Near_LoA	-8,1904707	0,035	0,311
CHR7	20651156	CHR7:20651156	SSF x Near_LoA	-9,43033148	-0,067	0,309
CHR7	206517	CHR7:206517	SSF x Near_LoA	-7,03753111	-0,054	0,308
CHR7	20655098	CHR7:20655098	SSF x Near_LoA	-9,91725048	0,047	0,303
CHR7	20655100	CHR7:20655100	SSF x Near_LoA	-7,39218147	0,071	0,323
CHR7	20655102	CHR7:20655102	SSF x Near_LoA	-8,79835432	0,022	0,316
CHR7	20655103	CHR7:20655103	SSF x Near_LoA	-8,87927651	0,078	0,313
CHR7	20663060	CHR7:20663060	SSF x Near_LoA	-7,91347048	-0,005	0,308
CHR7	20663079	CHR7:20663079	SSF x Near_LoA	-11,5157234	0,025	0,303

CHR7	20663130	CHR7:20663130	SSF x Near_LoA	-6,7868118	0,002	0,304
CHR7	20676529	CHR7:20676529	SSF x Near_LoA	-9,08014233	-0,028	0,306
CHR7	20676560	CHR7:20676560	SSF x Near_LoA	-11,4849475	0,033	0,307
CHR7	20676612	CHR7:20676612	SSF x Near_LoA	-10,9467367	-0,004	0,309
CHR7	2069231	CHR7:2069231	SSF x Near_LoA	-5,27301456	-0,100	0,302
CHR7	2069317	CHR7:2069317	SSF x Near_LoA	-7,71453533	-0,133	0,291
CHR7	2069443	CHR7:2069443	SSF x Near_LoA	-3,25422233	-0,026	0,315
CHR7	2069456	CHR7:2069456	SSF x Near_LoA	-7,42158002	-0,113	0,309
CHR7	20705814	CHR7:20705814	SSF x Near_LoA	-10,7335792	0,015	0,311
CHR7	20705915	CHR7:20705915	SSF x Near_LoA	-10,1195189	0,004	0,304
CHR7	20705919	CHR7:20705919	SSF x Near_LoA	-9,4108397	-0,053	0,311
CHR7	20705970	CHR7:20705970	SSF x Near_LoA	-10,9507082	-0,084	0,309
CHR7	20706013	CHR7:20706013	SSF x Near_LoA	-3,49785634	-0,105	0,308
CHR7	20713479	CHR7:20713479	SSF x Near_LoA	-9,48013004	0,028	0,307
CHR7	20713506	CHR7:20713506	SSF x Near_LoA	-4,65969405	-0,070	0,301
CHR7	20713514	CHR7:20713514	SSF x Near_LoA	-8,50208431	-0,074	0,299
CHR7	20713622	CHR7:20713622	SSF x Near_LoA	-7,54618287	-0,089	0,305
CHR7	20713638	CHR7:20713638	SSF x Near_LoA	-12,4914037	0,015	0,295
CHR7	20713723	CHR7:20713723	SSF x Near_LoA	-10,9302634	-0,015	0,314
CHR7	20713757	CHR7:20713757	SSF x Near_LoA	-10,1037528	-0,096	0,304
CHR7	20713789	CHR7:20713789	SSF x Near_LoA	-6,6726907	0,092	0,298
CHR7	20718290	CHR7:20718290	SSF x Near_LoA	-5,57022316	-0,158	0,304
CHR7	20718514	CHR7:20718514	SSF x Near_LoA	-9,1183545	0,052	0,300
CHR7	20724274	CHR7:20724274	SSF x Near_LoA	-8,70051687	-0,045	0,306
CHR7	20726760	CHR7:20726760	SSF x Near_LoA	-3,99628108	0,248	0,288
CHR7	20726833	CHR7:20726833	SSF x Near_LoA	-9,1712773	-0,134	0,301
CHR7	20726894	CHR7:20726894	SSF x Near_LoA	-7,18318206	-0,055	0,321
CHR7	20739665	CHR7:20739665	SSF x Near_LoA	-8,10139526	-0,014	0,320
CHR7	20741635	CHR7:20741635	SSF x Near_LoA	-8,80732633	0,127	0,313
CHR7	20741642	CHR7:20741642	SSF x Near_LoA	-7,75608622	0,063	0,313
CHR7	20741719	CHR7:20741719	SSF x Near_LoA	-7,54575256	0,022	0,313
CHR7	20747964	CHR7:20747964	SSF x Near_LoA	-7,39028819	-0,121	0,316
CHR7	20747995	CHR7:20747995	SSF x Near_LoA	-6,32097396	-0,116	0,283
CHR7	2074812	CHR7:2074812	SSF x Near_LoA	-11,7041481	0,011	0,305
CHR7	20754545	CHR7:20754545	SSF x Near_LoA	-10,0669448	-0,063	0,296
CHR7	20915950	CHR7:20915950	SSF x Near_LoA	-9,79109719	-0,083	0,302
CHR7	20916175	CHR7:20916175	SSF x Near_LoA	-3,24244908	-0,056	0,307
CHR7	20919123	CHR7:20919123	SSF x Near_LoA	-7,99878518	0,100	0,318
CHR7	20929968	CHR7:20929968	SSF x Near_LoA	-8,10294584	-0,001	0,322
CHR7	20945268	CHR7:20945268	SSF x Near_LoA	-7,29851209	-0,055	0,303
CHR7	20945383	CHR7:20945383	SSF x Near_LoA	-10,207335	0,008	0,306
CHR7	2095073	CHR7:2095073	SSF x Near_LoA	-9,83847022	-0,069	0,305
CHR7	2095106	CHR7:2095106	SSF x Near_LoA	-11,4264936	-0,045	0,311
CHR7	2095109	CHR7:2095109	SSF x Near_LoA	-3,67600421	-0,028	0,316
CHR7	2099038	CHR7:2099038	SSF x Near_LoA	-11,1879217	-0,019	0,316
CHR7	2099044	CHR7:2099044	SSF x Near_LoA	-8,4824338	0,010	0,323
CHR7	2100164	CHR7:2100164	SSF x Near_LoA	-9,2672536	-0,083	0,296
CHR7	2100255	CHR7:2100255	SSF x Near_LoA	-2,17278873	0,021	0,304
CHR7	2100256	CHR7:2100256	SSF x Near_LoA	-4,98479852	0,047	0,319
CHR7	2102480	CHR7:2102480	SSF x Near_LoA	-10,6552387	0,050	0,315
CHR7	2102535	CHR7:2102535	SSF x Near_LoA	-7,28446515	-0,105	0,306
CHR7	2102540	CHR7:2102540	SSF x Near_LoA	-9,84070475	-0,021	0,305
CHR7	2102556	CHR7:2102556	SSF x Near_LoA	-8,70981024	0,099	0,298

CHR7	2117858	CHR7:2117858	SSF x Near_LoA	-9,69720467	-0,022	0,309
CHR7	2117996	CHR7:2117996	SSF x Near_LoA	-10,8997261	-0,010	0,320
CHR7	2118062	CHR7:2118062	SSF x Near_LoA	-9,57729213	-0,111	0,296
CHR7	2124789	CHR7:2124789	SSF x Near_LoA	-10,203063	0,066	0,309
CHR7	2128551	CHR7:2128551	SSF x Near_LoA	-10,9341073	0,023	0,316
CHR7	2128572	CHR7:2128572	SSF x Near_LoA	-2,48749147	-0,079	0,301
CHR7	2129857	CHR7:2129857	SSF x Near_LoA	-12,452031	0,019	0,292
CHR7	2129860	CHR7:2129860	SSF x Near_LoA	-9,53044063	0,054	0,301
CHR7	2130460	CHR7:2130460	SSF x Near_LoA	-8,20107396	-0,047	0,315
CHR7	2130556	CHR7:2130556	SSF x Near_LoA	-8,89411485	-0,015	0,311
CHR7	2130564	CHR7:2130564	SSF x Near_LoA	-8,49948676	-0,030	0,318
CHR7	2130580	CHR7:2130580	SSF x Near_LoA	-4,89587517	-0,002	0,326
CHR7	2139996	CHR7:2139996	SSF x Near_LoA	-8,08994687	0,067	0,304
CHR7	2150777	CHR7:2150777	SSF x Near_LoA	-8,75964857	0,047	0,307
CHR7	2159798	CHR7:2159798	SSF x Near_LoA	-10,0574763	0,055	0,290
CHR7	2176025	CHR7:2176025	SSF x Near_LoA	-8,6089781	0,025	0,312
CHR7	2176133	CHR7:2176133	SSF x Near_LoA	-10,0616193	0,076	0,293
CHR7	2176175	CHR7:2176175	SSF x Near_LoA	-10,3565855	0,103	0,295
CHR7	2177648	CHR7:2177648	SSF x Near_LoA	-9,25801214	0,007	0,301
CHR7	2177671	CHR7:2177671	SSF x Near_LoA	-8,95121403	0,037	0,293
CHR7	2177808	CHR7:2177808	SSF x Near_LoA	-9,40925834	0,026	0,266
CHR7	2192947	CHR7:2192947	SSF x Near_LoA	-10,4381524	-0,016	0,314
CHR7	2192949	CHR7:2192949	SSF x Near_LoA	-7,09629498	-0,135	0,306
CHR7	2192979	CHR7:2192979	SSF x Near_LoA	-11,8134774	-0,059	0,299
CHR7	2193130	CHR7:2193130	SSF x Near_LoA	-9,51621311	0,049	0,306
CHR7	2197270	CHR7:2197270	SSF x Near_LoA	18,3885129	0,045	0,303
CHR7	2197321	CHR7:2197321	SSF x Near_LoA	-8,80519773	0,045	0,300
CHR7	2197512	CHR7:2197512	SSF x Near_LoA	-12,360443	0,060	0,303
CHR7	2202151	CHR7:2202151	SSF x Near_LoA	-7,88177345	0,088	0,310
CHR7	2212239	CHR7:2212239	SSF x Near_LoA	-7,60194905	-0,115	0,305
CHR7	2212275	CHR7:2212275	SSF x Near_LoA	-8,93907021	-0,120	0,304
CHR7	2218112	CHR7:2218112	SSF x Near_LoA	-6,59176352	0,039	0,321
CHR7	2218380	CHR7:2218380	SSF x Near_LoA	-11,4862486	0,036	0,305
CHR7	2225053	CHR7:2225053	SSF x Near_LoA	-8,16481248	0,091	0,308
CHR7	2228541	CHR7:2228541	SSF x Near_LoA	-11,6836196	-0,025	0,300
CHR7	2228560	CHR7:2228560	SSF x Near_LoA	-8,03959645	0,037	0,307
CHR7	2228572	CHR7:2228572	SSF x Near_LoA	-8,04100793	0,097	0,313
CHR7	2233544	CHR7:2233544	SSF x Near_LoA	-10,3921388	0,141	0,301
CHR7	2233684	CHR7:2233684	SSF x Near_LoA	-8,48786915	-0,106	0,293
CHR7	2235070	CHR7:2235070	SSF x Near_LoA	-9,21007895	-0,026	0,304
CHR7	2236430	CHR7:2236430	SSF x Near_LoA	-11,6756478	0,030	0,292
CHR7	2238102	CHR7:2238102	SSF x Near_LoA	-10,0790227	-0,041	0,309
CHR7	2242583	CHR7:2242583	SSF x Near_LoA	-8,34622179	0,002	0,316
CHR7	2242596	CHR7:2242596	SSF x Near_LoA	-7,01748505	0,122	0,306
CHR7	2242800	CHR7:2242800	SSF x Near_LoA	-4,5102981	-0,119	0,306
CHR7	2248691	CHR7:2248691	SSF x Near_LoA	-8,68190205	-0,052	0,308
CHR7	2250908	CHR7:2250908	SSF x Near_LoA	-11,6995845	-0,044	0,306
CHR7	2250990	CHR7:2250990	SSF x Near_LoA	-9,36921438	-0,025	0,312
CHR7	2250992	CHR7:2250992	SSF x Near_LoA	-9,6520603	-0,042	0,302
CHR7	2251002	CHR7:2251002	SSF x Near_LoA	-8,58161665	-0,055	0,316
CHR7	2251016	CHR7:2251016	SSF x Near_LoA	-9,78028896	0,024	0,300
CHR7	2251025	CHR7:2251025	SSF x Near_LoA	-11,3460138	0,035	0,322
CHR7	2251042	CHR7:2251042	SSF x Near_LoA	-9,49195283	0,004	0,311

CHR7	2251048	CHR7:2251048	SSF x Near_LoA	-12,0755823	0,030	0,305
CHR7	2251051	CHR7:2251051	SSF x Near_LoA	-8,51151403	-0,017	0,307
CHR7	2254525	CHR7:2254525	SSF x Near_LoA	-5,52019382	-0,043	0,318
CHR7	2254577	CHR7:2254577	SSF x Near_LoA	-10,16737	-0,016	0,307
CHR7	225497	CHR7:225497	SSF x Near_LoA	-11,6361333	0,039	0,308
CHR7	225550	CHR7:225550	SSF x Near_LoA	-7,05923673	-0,070	0,313
CHR7	2261041	CHR7:2261041	SSF x Near_LoA	-10,6047952	0,002	0,313
CHR7	2261073	CHR7:2261073	SSF x Near_LoA	-8,96024745	0,056	0,317
CHR7	2269864	CHR7:2269864	SSF x Near_LoA	-8,4447898	0,015	0,323
CHR7	2269940	CHR7:2269940	SSF x Near_LoA	-9,56039415	-0,146	0,297
CHR7	2270148	CHR7:2270148	SSF x Near_LoA	-10,0045722	0,061	0,311
CHR7	2270175	CHR7:2270175	SSF x Near_LoA	-8,2370043	-0,010	0,301
CHR7	2270195	CHR7:2270195	SSF x Near_LoA	-7,96145111	0,032	0,318
CHR7	2270214	CHR7:2270214	SSF x Near_LoA	-7,8565803	0,022	0,302
CHR7	2281687	CHR7:2281687	SSF x Near_LoA	-10,8405652	0,044	0,297
CHR7	2294415	CHR7:2294415	SSF x Near_LoA	-10,5528774	-0,005	0,298
CHR7	2294502	CHR7:2294502	SSF x Near_LoA	-8,84469959	-0,018	0,303
CHR7	2304353	CHR7:2304353	SSF x Near_LoA	-7,91651479	-0,085	0,310
CHR7	231021	CHR7:231021	SSF x Near_LoA	-10,9460185	0,070	0,300
CHR7	231087	CHR7:231087	SSF x Near_LoA	-12,1273787	-0,015	0,313
CHR7	231182	CHR7:231182	SSF x Near_LoA	-4,57381044	-0,067	0,336
CHR7	2318479	CHR7:2318479	SSF x Near_LoA	-7,37512095	0,071	0,312
CHR7	2320114	CHR7:2320114	SSF x Near_LoA	-11,771123	0,021	0,297
CHR7	2320126	CHR7:2320126	SSF x Near_LoA	-7,04401091	0,092	0,307
CHR7	2320529	CHR7:2320529	SSF x Near_LoA	-7,09167422	-0,021	0,319
CHR7	2320591	CHR7:2320591	SSF x Near_LoA	-11,3740743	0,001	0,314
CHR7	2321868	CHR7:2321868	SSF x Near_LoA	-9,49829517	-0,012	0,297
CHR7	2321871	CHR7:2321871	SSF x Near_LoA	-8,92550719	0,044	0,287
CHR7	2321881	CHR7:2321881	SSF x Near_LoA	-9,13707295	0,093	0,303
CHR7	2322015	CHR7:2322015	SSF x Near_LoA	-9,8233622	0,067	0,299
CHR7	2322085	CHR7:2322085	SSF x Near_LoA	-8,7622521	-0,073	0,309
CHR7	2322091	CHR7:2322091	SSF x Near_LoA	-6,60180281	-0,052	0,327
CHR7	2329059	CHR7:2329059	SSF x Near_LoA	-10,4716771	0,016	0,311
CHR7	2330356	CHR7:2330356	SSF x Near_LoA	-6,2707229	0,122	0,308
CHR7	2330444	CHR7:2330444	SSF x Near_LoA	-11,7538073	0,001	0,307
CHR7	2330505	CHR7:2330505	SSF x Near_LoA	-9,20797582	0,004	0,301
CHR7	2330511	CHR7:2330511	SSF x Near_LoA	-11,8300506	0,003	0,306
CHR7	2330534	CHR7:2330534	SSF x Near_LoA	-10,0426985	-0,006	0,328
CHR7	2333743	CHR7:2333743	SSF x Near_LoA	-6,93216095	0,154	0,309
CHR7	2356837	CHR7:2356837	SSF x Near_LoA	-9,53011231	-0,021	0,299
CHR7	2356841	CHR7:2356841	SSF x Near_LoA	-11,8790532	-0,015	0,287
CHR7	2356968	CHR7:2356968	SSF x Near_LoA	-8,91221563	-0,036	0,317
CHR7	2359852	CHR7:2359852	SSF x Near_LoA	-8,09050756	-0,099	0,299
CHR7	2359906	CHR7:2359906	SSF x Near_LoA	-12,0895506	-0,023	0,314
CHR7	2359910	CHR7:2359910	SSF x Near_LoA	-12,476694	-0,048	0,300
CHR7	2359922	CHR7:2359922	SSF x Near_LoA	-12,1001394	-0,016	0,312
CHR7	2374715	CHR7:2374715	SSF x Near_LoA	-10,9170641	0,061	0,317
CHR7	2374836	CHR7:2374836	SSF x Near_LoA	-8,76703023	0,038	0,297
CHR7	2374882	CHR7:2374882	SSF x Near_LoA	-11,5485723	0,008	0,311
CHR7	2374886	CHR7:2374886	SSF x Near_LoA	-8,14052347	-0,029	0,301
CHR7	2380248	CHR7:2380248	SSF x Near_LoA	-8,58396915	-0,060	0,312
CHR7	2380253	CHR7:2380253	SSF x Near_LoA	-8,5129007	0,071	0,318
CHR7	2380320	CHR7:2380320	SSF x Near_LoA	-10,1358828	0,032	0,290

CHR7	2380324	CHR7:2380324	SSF x Near_LoA	-6,17089388	-0,095	0,301
CHR7	2380407	CHR7:2380407	SSF x Near_LoA	-10,4755947	-0,106	0,314
CHR7	2380443	CHR7:2380443	SSF x Near_LoA	-9,92408594	-0,071	0,304
CHR7	2384484	CHR7:2384484	SSF x Near_LoA	-7,0890809	-0,124	0,306
CHR7	2384507	CHR7:2384507	SSF x Near_LoA	-7,08135294	0,109	0,307
CHR7	2384540	CHR7:2384540	SSF x Near_LoA	-7,39651293	-0,082	0,320
CHR7	2384597	CHR7:2384597	SSF x Near_LoA	-3,32910307	0,000	0,295
CHR7	2386180	CHR7:2386180	SSF x Near_LoA	-11,105813	-0,086	0,292
CHR7	2397767	CHR7:2397767	SSF x Near_LoA	-5,98499249	-0,099	0,300
CHR7	2397815	CHR7:2397815	SSF x Near_LoA	-9,51465742	-0,014	0,300
CHR7	2397832	CHR7:2397832	SSF x Near_LoA	-8,33097971	-0,012	0,312
CHR7	2397846	CHR7:2397846	SSF x Near_LoA	-9,54700903	-0,063	0,296
CHR7	2397857	CHR7:2397857	SSF x Near_LoA	-9,69706963	-0,018	0,308
CHR7	2397886	CHR7:2397886	SSF x Near_LoA	-11,0795427	0,057	0,295
CHR7	240176	CHR7:240176	SSF x Near_LoA	-10,244365	-0,061	0,306
CHR7	240187	CHR7:240187	SSF x Near_LoA	-8,39679107	0,099	0,301
CHR7	240337	CHR7:240337	SSF x Near_LoA	-4,88878287	0,145	0,305
CHR7	240352	CHR7:240352	SSF x Near_LoA	-9,39843263	-0,004	0,302
CHR7	2416496	CHR7:2416496	SSF x Near_LoA	-8,71237864	0,045	0,307
CHR7	2416553	CHR7:2416553	SSF x Near_LoA	-6,0275606	-0,023	0,312
CHR7	2416651	CHR7:2416651	SSF x Near_LoA	-10,8565187	-0,066	0,309
CHR7	2418233	CHR7:2418233	SSF x Near_LoA	-10,6667632	-0,016	0,294
CHR7	2418270	CHR7:2418270	SSF x Near_LoA	-7,45825309	0,018	0,305
CHR7	2418295	CHR7:2418295	SSF x Near_LoA	-9,23004565	-0,068	0,279
CHR7	2418330	CHR7:2418330	SSF x Near_LoA	-7,73623179	0,025	0,290
CHR7	2418343	CHR7:2418343	SSF x Near_LoA	-10,5243997	0,100	0,311
CHR7	2421451	CHR7:2421451	SSF x Near_LoA	-8,4414408	-0,052	0,308
CHR7	2421592	CHR7:2421592	SSF x Near_LoA	-8,95406453	-0,032	0,306
CHR7	2425000	CHR7:2425000	SSF x Near_LoA	-10,9832496	-0,045	0,318
CHR7	2433693	CHR7:2433693	SSF x Near_LoA	-9,31167578	0,010	0,301
CHR7	2450914	CHR7:2450914	SSF x Near_LoA	-9,76244155	0,004	0,311
CHR7	2450927	CHR7:2450927	SSF x Near_LoA	-10,0697305	0,070	0,321
CHR7	2456123	CHR7:2456123	SSF x Near_LoA	-9,92603717	0,061	0,296
CHR7	2467605	CHR7:2467605	SSF x Near_LoA	-10,6330158	0,019	0,319
CHR7	2467648	CHR7:2467648	SSF x Near_LoA	-10,8297734	-0,010	0,325
CHR7	2469572	CHR7:2469572	SSF x Near_LoA	-11,1280847	-0,002	0,322
CHR7	2469664	CHR7:2469664	SSF x Near_LoA	-8,897469	-0,041	0,301
CHR7	246987	CHR7:246987	SSF x Near_LoA	-11,5717232	0,036	0,312
CHR7	247051	CHR7:247051	SSF x Near_LoA	-8,20773699	-0,087	0,314
CHR7	247083	CHR7:247083	SSF x Near_LoA	-8,88955143	0,110	0,315
CHR7	2474689	CHR7:2474689	SSF x Near_LoA	-9,85853129	0,029	0,314
CHR7	2474765	CHR7:2474765	SSF x Near_LoA	-9,26442801	-0,069	0,310
CHR7	2474790	CHR7:2474790	SSF x Near_LoA	-9,91160649	0,029	0,308
CHR7	2476788	CHR7:2476788	SSF x Near_LoA	-11,1196071	-0,085	0,303
CHR7	2483840	CHR7:2483840	SSF x Near_LoA	-10,9245451	0,016	0,308
CHR7	2483848	CHR7:2483848	SSF x Near_LoA	-9,17868863	-0,062	0,308
CHR7	2483879	CHR7:2483879	SSF x Near_LoA	-9,28912939	-0,054	0,326
CHR7	2484333	CHR7:2484333	SSF x Near_LoA	-9,41131663	-0,096	0,316
CHR7	2486507	CHR7:2486507	SSF x Near_LoA	-10,4385512	0,043	0,307
CHR7	2486511	CHR7:2486511	SSF x Near_LoA	-9,08261456	0,057	0,312
CHR7	2486619	CHR7:2486619	SSF x Near_LoA	-10,376624	0,044	0,296
CHR7	2486624	CHR7:2486624	SSF x Near_LoA	-11,6244097	-0,011	0,299
CHR7	2490738	CHR7:2490738	SSF x Near_LoA	-10,0641756	0,095	0,299

CHR7	249638	CHR7:249638	SSF x Near_LoA	-7,15814683	0,154	0,295
CHR7	2500924	CHR7:2500924	SSF x Near_LoA	-9,22624041	-0,062	0,320
CHR7	2501317	CHR7:2501317	SSF x Near_LoA	-9,72737012	-0,002	0,311
CHR7	2506580	CHR7:2506580	SSF x Near_LoA	-9,3758075	-0,122	0,304
CHR7	2506589	CHR7:2506589	SSF x Near_LoA	-8,9476368	0,061	0,300
CHR7	2506590	CHR7:2506590	SSF x Near_LoA	-11,4485627	0,028	0,315
CHR7	2506601	CHR7:2506601	SSF x Near_LoA	-7,30322094	-0,003	0,310
CHR7	2506617	CHR7:2506617	SSF x Near_LoA	-7,7580524	-0,154	0,298
CHR7	2506658	CHR7:2506658	SSF x Near_LoA	-7,5601728	0,072	0,302
CHR7	2506692	CHR7:2506692	SSF x Near_LoA	-8,35248248	0,158	0,304
CHR7	2506698	CHR7:2506698	SSF x Near_LoA	-6,61952449	0,163	0,280
CHR7	2510899	CHR7:2510899	SSF x Near_LoA	-11,7831449	0,058	0,301
CHR7	2511932	CHR7:2511932	SSF x Near_LoA	-7,42778116	0,044	0,310
CHR7	2511960	CHR7:2511960	SSF x Near_LoA	-8,98775143	0,004	0,306
CHR7	2511979	CHR7:2511979	SSF x Near_LoA	-5,89661545	0,066	0,308
CHR7	2511987	CHR7:2511987	SSF x Near_LoA	-9,38718328	0,090	0,306
CHR7	2512047	CHR7:2512047	SSF x Near_LoA	-9,18021082	0,113	0,296
CHR7	2515671	CHR7:2515671	SSF x Near_LoA	-11,3285308	-0,077	0,294
CHR7	2515715	CHR7:2515715	SSF x Near_LoA	-10,6181611	-0,040	0,320
CHR7	2515719	CHR7:2515719	SSF x Near_LoA	-10,9400917	0,014	0,316
CHR7	2515755	CHR7:2515755	SSF x Near_LoA	-9,70726961	0,051	0,310
CHR7	2519439	CHR7:2519439	SSF x Near_LoA	-11,6777903	0,030	0,309
CHR7	2519734	CHR7:2519734	SSF x Near_LoA	-7,19847987	-0,102	0,308
CHR7	2524920	CHR7:2524920	SSF x Near_LoA	-8,66589358	-0,020	0,311
CHR7	2524967	CHR7:2524967	SSF x Near_LoA	-8,22713984	0,043	0,310
CHR7	2524997	CHR7:2524997	SSF x Near_LoA	-8,34340387	0,100	0,299
CHR7	2525271	CHR7:2525271	SSF x Near_LoA	-7,81560266	0,217	0,293
CHR7	2525272	CHR7:2525272	SSF x Near_LoA	-8,98941061	-0,057	0,308
CHR7	2525276	CHR7:2525276	SSF x Near_LoA	-8,45048354	-0,019	0,315
CHR7	2527739	CHR7:2527739	SSF x Near_LoA	-8,40790578	-0,050	0,316
CHR7	2527827	CHR7:2527827	SSF x Near_LoA	0,18029385	0,048	0,298
CHR7	2527946	CHR7:2527946	SSF x Near_LoA	-8,92589593	-0,064	0,313
CHR7	2527968	CHR7:2527968	SSF x Near_LoA	-8,31135884	-0,042	0,300
CHR7	2533566	CHR7:2533566	SSF x Near_LoA	-9,94179972	0,014	0,320
CHR7	2533576	CHR7:2533576	SSF x Near_LoA	-4,12307122	0,004	0,293
CHR7	2533602	CHR7:2533602	SSF x Near_LoA	-9,18649355	0,037	0,306
CHR7	2533625	CHR7:2533625	SSF x Near_LoA	-11,5782235	0,048	0,294
CHR7	2533719	CHR7:2533719	SSF x Near_LoA	-9,79556567	-0,090	0,309
CHR7	2537799	CHR7:2537799	SSF x Near_LoA	-9,1841525	-0,028	0,308
CHR7	2537867	CHR7:2537867	SSF x Near_LoA	-8,06080117	-0,016	0,309
CHR7	2547602	CHR7:2547602	SSF x Near_LoA	-5,86073266	0,100	0,316
CHR7	2569378	CHR7:2569378	SSF x Near_LoA	-8,97986987	-0,048	0,325
CHR7	2569407	CHR7:2569407	SSF x Near_LoA	-8,65399926	-0,007	0,315
CHR7	2587867	CHR7:2587867	SSF x Near_LoA	-9,47542723	-0,071	0,314
CHR7	2587868	CHR7:2587868	SSF x Near_LoA	-10,7783633	-0,043	0,308
CHR7	2591528	CHR7:2591528	SSF x Near_LoA	-7,3536896	-0,056	0,310
CHR7	2591582	CHR7:2591582	SSF x Near_LoA	-10,1894838	0,141	0,290
CHR7	2596702	CHR7:2596702	SSF x Near_LoA	-10,9151634	-0,009	0,315
CHR7	2596707	CHR7:2596707	SSF x Near_LoA	-2,63257526	-0,084	0,304
CHR7	2596735	CHR7:2596735	SSF x Near_LoA	-9,22799058	-0,104	0,301
CHR7	2596758	CHR7:2596758	SSF x Near_LoA	-9,8363429	-0,037	0,306
CHR7	2596760	CHR7:2596760	SSF x Near_LoA	-9,3745727	-0,037	0,306
CHR7	2596763	CHR7:2596763	SSF x Near_LoA	-8,74012272	-0,105	0,279

CHR7	2596768	CHR7:2596768	SSF x Near_LoA	-8,03482018	0,102	0,304
CHR7	2596776	CHR7:2596776	SSF x Near_LoA	-10,2116423	-0,019	0,318
CHR7	2596887	CHR7:2596887	SSF x Near_LoA	-10,8674044	0,056	0,298
CHR7	2596893	CHR7:2596893	SSF x Near_LoA	-10,5800781	0,066	0,303
CHR7	2596894	CHR7:2596894	SSF x Near_LoA	-6,56194088	0,076	0,311
CHR7	2596897	CHR7:2596897	SSF x Near_LoA	-10,733958	0,051	0,299
CHR7	2596905	CHR7:2596905	SSF x Near_LoA	-10,7878553	0,056	0,297
CHR7	2596906	CHR7:2596906	SSF x Near_LoA	-9,89596037	0,085	0,313
CHR7	2628048	CHR7:2628048	SSF x Near_LoA	-10,8379404	-0,005	0,308
CHR7	2628117	CHR7:2628117	SSF x Near_LoA	-5,81790407	-0,134	0,301
CHR7	2628120	CHR7:2628120	SSF x Near_LoA	-9,89932108	-0,059	0,296
CHR7	2628126	CHR7:2628126	SSF x Near_LoA	-11,2773191	-0,074	0,303
CHR7	2628172	CHR7:2628172	SSF x Near_LoA	-9,08405554	-0,065	0,302
CHR7	2639238	CHR7:2639238	SSF x Near_LoA	-6,97750611	0,185	0,289
CHR7	2639301	CHR7:2639301	SSF x Near_LoA	-8,79743987	-0,054	0,305
CHR7	2639323	CHR7:2639323	SSF x Near_LoA	-8,47715557	0,031	0,310
CHR7	2639349	CHR7:2639349	SSF x Near_LoA	-9,99835942	-0,031	0,318
CHR7	263936	CHR7:263936	SSF x Near_LoA	-7,9697762	-0,067	0,306
CHR7	263937	CHR7:263937	SSF x Near_LoA	9,09679171	-0,100	0,312
CHR7	2639374	CHR7:2639374	SSF x Near_LoA	-8,42038378	-0,034	0,313
CHR7	2639380	CHR7:2639380	SSF x Near_LoA	-8,51555449	-0,059	0,310
CHR7	263941	CHR7:263941	SSF x Near_LoA	-7,6599313	0,062	0,311
CHR7	2639419	CHR7:2639419	SSF x Near_LoA	-9,74516413	0,051	0,302
CHR7	264017	CHR7:264017	SSF x Near_LoA	-7,47679312	0,099	0,303
CHR7	264134	CHR7:264134	SSF x Near_LoA	-0,90612592	-0,008	0,308
CHR7	264141	CHR7:264141	SSF x Near_LoA	-8,07649337	-0,079	0,326
CHR7	2641585	CHR7:2641585	SSF x Near_LoA	-9,38965551	-0,035	0,313
CHR7	2641658	CHR7:2641658	SSF x Near_LoA	-6,75689399	-0,198	0,300
CHR7	2641756	CHR7:2641756	SSF x Near_LoA	-7,7467554	-0,051	0,296
CHR7	2642889	CHR7:2642889	SSF x Near_LoA	-10,5249844	0,005	0,308
CHR7	2643099	CHR7:2643099	SSF x Near_LoA	-8,3484489	0,043	0,294
CHR7	2646895	CHR7:2646895	SSF x Near_LoA	-6,90104254	-0,030	0,298
CHR7	2646904	CHR7:2646904	SSF x Near_LoA	-8,8700459	-0,072	0,306
CHR7	2647000	CHR7:2647000	SSF x Near_LoA	-9,99597306	-0,091	0,314
CHR7	2649338	CHR7:2649338	SSF x Near_LoA	-8,67716062	-0,004	0,314
CHR7	2649366	CHR7:2649366	SSF x Near_LoA	-7,20103859	-0,070	0,301
CHR7	2649376	CHR7:2649376	SSF x Near_LoA	-8,75090975	0,003	0,322
CHR7	2652730	CHR7:2652730	SSF x Near_LoA	-9,26458338	0,038	0,308
CHR7	2652958	CHR7:2652958	SSF x Near_LoA	-10,8243554	-0,037	0,301
CHR7	2658741	CHR7:2658741	SSF x Near_LoA	-10,6539519	0,050	0,319
CHR7	2658761	CHR7:2658761	SSF x Near_LoA	-11,085728	0,019	0,294
CHR7	2658788	CHR7:2658788	SSF x Near_LoA	-9,12865767	0,035	0,317
CHR7	2658866	CHR7:2658866	SSF x Near_LoA	-10,9807414	-0,001	0,309
CHR7	2659462	CHR7:2659462	SSF x Near_LoA	-8,29484927	-0,015	0,305
CHR7	2675742	CHR7:2675742	SSF x Near_LoA	-8,76237106	0,066	0,302
CHR7	2675902	CHR7:2675902	SSF x Near_LoA	-9,52126245	-0,033	0,310
CHR7	2675909	CHR7:2675909	SSF x Near_LoA	-8,68796114	0,068	0,312
CHR7	2675912	CHR7:2675912	SSF x Near_LoA	-7,01390914	-0,162	0,293
CHR7	2675971	CHR7:2675971	SSF x Near_LoA	-9,14059928	0,005	0,295
CHR7	2676005	CHR7:2676005	SSF x Near_LoA	-9,94819279	0,085	0,308
CHR7	2680665	CHR7:2680665	SSF x Near_LoA	-8,60640037	-0,026	0,321
CHR7	2680759	CHR7:2680759	SSF x Near_LoA	-9,86566159	-0,039	0,307
CHR7	2680769	CHR7:2680769	SSF x Near_LoA	-9,55037311	0,065	0,301

CHR7	2680778	CHR7:2680778	SSF x Near_LoA	-9,54122431	-0,015	0,313
CHR7	2680804	CHR7:2680804	SSF x Near_LoA	-6,60942244	0,144	0,292
CHR7	2680808	CHR7:2680808	SSF x Near_LoA	-9,91021031	0,116	0,306
CHR7	2684936	CHR7:2684936	SSF x Near_LoA	-7,60839105	-0,018	0,312
CHR7	2688156	CHR7:2688156	SSF x Near_LoA	-10,479175	0,033	0,311
CHR7	2688157	CHR7:2688157	SSF x Near_LoA	-9,08597538	-0,021	0,315
CHR7	2707192	CHR7:2707192	SSF x Near_LoA	-5,23929613	0,138	0,297
CHR7	2712566	CHR7:2712566	SSF x Near_LoA	-9,12260435	0,014	0,295
CHR7	2715686	CHR7:2715686	SSF x Near_LoA	-7,79747795	-0,160	0,292
CHR7	2715713	CHR7:2715713	SSF x Near_LoA	-2,7426821	0,148	0,301
CHR7	2715783	CHR7:2715783	SSF x Near_LoA	-7,88333526	0,102	0,303
CHR7	2715784	CHR7:2715784	SSF x Near_LoA	-8,63143996	0,100	0,321
CHR7	2715799	CHR7:2715799	SSF x Near_LoA	-7,29633218	0,106	0,305
CHR7	2715812	CHR7:2715812	SSF x Near_LoA	-9,26736048	0,018	0,304
CHR7	2715847	CHR7:2715847	SSF x Near_LoA	-9,31767819	-0,067	0,289
CHR7	2715910	CHR7:2715910	SSF x Near_LoA	-6,22372904	-0,130	0,303
CHR7	2715919	CHR7:2715919	SSF x Near_LoA	-7,18205073	0,132	0,318
CHR7	2729427	CHR7:2729427	SSF x Near_LoA	-7,33774231	-0,093	0,309
CHR7	2729430	CHR7:2729430	SSF x Near_LoA	-0,81947647	0,117	0,296
CHR7	2729443	CHR7:2729443	SSF x Near_LoA	-9,54642571	-0,010	0,307
CHR7	2729482	CHR7:2729482	SSF x Near_LoA	-10,123385	0,033	0,304
CHR7	2729509	CHR7:2729509	SSF x Near_LoA	-7,10192386	-0,152	0,313
CHR7	2729517	CHR7:2729517	SSF x Near_LoA	-5,24510671	-0,136	0,301
CHR7	2729533	CHR7:2729533	SSF x Near_LoA	-9,24042914	-0,120	0,299
CHR7	2731842	CHR7:2731842	SSF x Near_LoA	-6,2770341	0,081	0,309
CHR7	2731851	CHR7:2731851	SSF x Near_LoA	-7,38670251	0,034	0,327
CHR7	2731871	CHR7:2731871	SSF x Near_LoA	-10,5505854	-0,068	0,318
CHR7	2734831	CHR7:2734831	SSF x Near_LoA	-10,4663452	-0,038	0,311
CHR7	2734864	CHR7:2734864	SSF x Near_LoA	-8,40651299	-0,094	0,307
CHR7	2734986	CHR7:2734986	SSF x Near_LoA	-8,04628584	-0,106	0,301
CHR7	2740951	CHR7:2740951	SSF x Near_LoA	-10,1643723	-0,135	0,286
CHR7	2740966	CHR7:2740966	SSF x Near_LoA	-7,88147967	-0,185	0,295
CHR7	2740991	CHR7:2740991	SSF x Near_LoA	-8,58892892	0,098	0,311
CHR7	2740995	CHR7:2740995	SSF x Near_LoA	-1,78904177	0,264	0,271
CHR7	2741013	CHR7:2741013	SSF x Near_LoA	-5,92225732	0,107	0,314
CHR7	2741035	CHR7:2741035	SSF x Near_LoA	-9,47366704	0,094	0,300
CHR7	2741052	CHR7:2741052	SSF x Near_LoA	-8,07740393	0,107	0,299
CHR7	2741095	CHR7:2741095	SSF x Near_LoA	-8,15382452	0,060	0,301
CHR7	2741098	CHR7:2741098	SSF x Near_LoA	-7,23138108	0,034	0,309
CHR7	2741149	CHR7:2741149	SSF x Near_LoA	-8,59150917	0,113	0,287
CHR7	2741168	CHR7:2741168	SSF x Near_LoA	-10,2939139	0,153	0,303
CHR7	2741170	CHR7:2741170	SSF x Near_LoA	-8,78055688	0,180	0,310
CHR7	2741193	CHR7:2741193	SSF x Near_LoA	-8,28503469	0,177	0,289
CHR7	2773494	CHR7:2773494	SSF x Near_LoA	-8,40108758	-0,014	0,308
CHR7	2773632	CHR7:2773632	SSF x Near_LoA	-11,8919849	0,062	0,307
CHR7	2773643	CHR7:2773643	SSF x Near_LoA	-9,13222321	0,096	0,312
CHR7	2773658	CHR7:2773658	SSF x Near_LoA	-10,2226185	0,044	0,313
CHR7	2773670	CHR7:2773670	SSF x Near_LoA	-9,83671979	0,075	0,304
CHR7	2777294	CHR7:2777294	SSF x Near_LoA	-10,0044676	0,092	0,317
CHR7	2777331	CHR7:2777331	SSF x Near_LoA	-5,51732957	-0,157	0,308
CHR7	2777387	CHR7:2777387	SSF x Near_LoA	-10,2209705	-0,032	0,316
CHR7	2777409	CHR7:2777409	SSF x Near_LoA	-9,72618574	-0,111	0,311
CHR7	2777415	CHR7:2777415	SSF x Near_LoA	-9,55379676	-0,093	0,305

CHR7	2777421	CHR7:2777421	SSF x Near_LoA	-11,0768545	-0,118	0,303
CHR7	2777425	CHR7:2777425	SSF x Near_LoA	-9,98503136	-0,068	0,311
CHR7	2785581	CHR7:2785581	SSF x Near_LoA	-8,01708312	0,138	0,298
CHR7	2786746	CHR7:2786746	SSF x Near_LoA	-7,95301475	-0,102	0,334
CHR7	2786755	CHR7:2786755	SSF x Near_LoA	-7,80472628	0,000	0,317
CHR7	2790291	CHR7:2790291	SSF x Near_LoA	-5,58797905	0,146	0,285
CHR7	2797113	CHR7:2797113	SSF x Near_LoA	-3,46904913	0,097	0,297
CHR7	2797158	CHR7:2797158	SSF x Near_LoA	-8,08471293	-0,031	0,308
CHR7	2797161	CHR7:2797161	SSF x Near_LoA	-8,27496838	0,000	0,298
CHR7	2797169	CHR7:2797169	SSF x Near_LoA	-11,3776086	0,026	0,310
CHR7	2797229	CHR7:2797229	SSF x Near_LoA	-11,0903162	0,017	0,313
CHR7	2797244	CHR7:2797244	SSF x Near_LoA	-8,53171126	0,045	0,313
CHR7	2797288	CHR7:2797288	SSF x Near_LoA	-11,0691635	-0,017	0,308
CHR7	2797309	CHR7:2797309	SSF x Near_LoA	-12,043477	-0,009	0,291
CHR7	2797335	CHR7:2797335	SSF x Near_LoA	-8,75482685	0,119	0,301
CHR7	2797338	CHR7:2797338	SSF x Near_LoA	-9,59208014	0,041	0,300
CHR7	2808241	CHR7:2808241	SSF x Near_LoA	-4,11771127	0,073	0,302
CHR7	2808243	CHR7:2808243	SSF x Near_LoA	-2,9942807	0,088	0,309
CHR7	2808256	CHR7:2808256	SSF x Near_LoA	-6,8347971	-0,196	0,301
CHR7	2808333	CHR7:2808333	SSF x Near_LoA	-10,9351116	-0,015	0,305
CHR7	2808344	CHR7:2808344	SSF x Near_LoA	-7,7128921	0,158	0,291
CHR7	2808349	CHR7:2808349	SSF x Near_LoA	-11,6708678	0,022	0,304
CHR7	2808413	CHR7:2808413	SSF x Near_LoA	-9,19811091	-0,108	0,307
CHR7	2808447	CHR7:2808447	SSF x Near_LoA	-10,5263873	0,008	0,300
CHR7	2809305	CHR7:2809305	SSF x Near_LoA	-6,97029033	-0,141	0,316
CHR7	2809318	CHR7:2809318	SSF x Near_LoA	-10,5293479	0,111	0,300
CHR7	2809352	CHR7:2809352	SSF x Near_LoA	-10,686785	0,015	0,308
CHR7	2809376	CHR7:2809376	SSF x Near_LoA	-8,76087562	-0,017	0,303
CHR7	2809387	CHR7:2809387	SSF x Near_LoA	-8,23493699	0,065	0,313
CHR7	2815377	CHR7:2815377	SSF x Near_LoA	-5,10032935	-0,156	0,288
CHR7	2815393	CHR7:2815393	SSF x Near_LoA	-9,96693006	0,002	0,307
CHR7	2815468	CHR7:2815468	SSF x Near_LoA	-9,63053224	0,071	0,299
CHR7	2815529	CHR7:2815529	SSF x Near_LoA	-10,8761086	-0,072	0,309
CHR7	2815543	CHR7:2815543	SSF x Near_LoA	-7,08114971	-0,106	0,319
CHR7	2815679	CHR7:2815679	SSF x Near_LoA	-8,66831162	0,107	0,290
CHR7	2815726	CHR7:2815726	SSF x Near_LoA	-7,2328969	0,096	0,300
CHR7	2815727	CHR7:2815727	SSF x Near_LoA	-11,5577727	0,094	0,305
CHR7	2826819	CHR7:2826819	SSF x Near_LoA	-7,57260134	0,088	0,297
CHR7	2826869	CHR7:2826869	SSF x Near_LoA	-10,9373094	-0,072	0,297
CHR7	2826908	CHR7:2826908	SSF x Near_LoA	-8,45580005	0,047	0,311
CHR7	2826912	CHR7:2826912	SSF x Near_LoA	-6,52458244	0,032	0,305
CHR7	2826919	CHR7:2826919	SSF x Near_LoA	-8,00649681	-0,054	0,315
CHR7	2826944	CHR7:2826944	SSF x Near_LoA	-8,0158718	-0,082	0,308
CHR7	2826953	CHR7:2826953	SSF x Near_LoA	-7,63263229	-0,063	0,301
CHR7	2826958	CHR7:2826958	SSF x Near_LoA	-7,66703912	-0,058	0,295
CHR7	2829341	CHR7:2829341	SSF x Near_LoA	-7,02337121	0,097	0,306
CHR7	2829342	CHR7:2829342	SSF x Near_LoA	-7,84235973	0,041	0,305
CHR7	2829389	CHR7:2829389	SSF x Near_LoA	-9,84103507	0,103	0,303
CHR7	2829394	CHR7:2829394	SSF x Near_LoA	-8,73190544	0,072	0,314
CHR7	2829458	CHR7:2829458	SSF x Near_LoA	-6,30880069	0,004	0,300
CHR7	2829479	CHR7:2829479	SSF x Near_LoA	-7,27152252	-0,151	0,303
CHR7	2829480	CHR7:2829480	SSF x Near_LoA	-7,04840771	-0,124	0,307
CHR7	2835781	CHR7:2835781	SSF x Near_LoA	-8,95015157	0,147	0,291

CHR7	2835831	CHR7:2835831	SSF x Near_LoA	-7,98474162	-0,039	0,315
CHR7	2835859	CHR7:2835859	SSF x Near_LoA	-9,26965311	-0,057	0,300
CHR7	2835895	CHR7:2835895	SSF x Near_LoA	-6,51424851	-0,009	0,319
CHR7	2835911	CHR7:2835911	SSF x Near_LoA	-1,91630571	0,219	0,302
CHR7	2835913	CHR7:2835913	SSF x Near_LoA	-10,8113435	-0,056	0,316
CHR7	2835914	CHR7:2835914	SSF x Near_LoA	-9,07606109	-0,093	0,299
CHR7	2835951	CHR7:2835951	SSF x Near_LoA	-7,29150857	0,154	0,295
CHR7	2843425	CHR7:2843425	SSF x Near_LoA	-10,2496829	-0,002	0,298
CHR7	2843479	CHR7:2843479	SSF x Near_LoA	-8,23988064	0,017	0,296
CHR7	2843489	CHR7:2843489	SSF x Near_LoA	-8,97138736	0,092	0,302
CHR7	2843515	CHR7:2843515	SSF x Near_LoA	-5,69557859	-0,182	0,288
CHR7	2843538	CHR7:2843538	SSF x Near_LoA	-8,46946573	0,126	0,296
CHR7	2843621	CHR7:2843621	SSF x Near_LoA	-8,97158158	0,127	0,292
CHR7	2850183	CHR7:2850183	SSF x Near_LoA	-9,64259803	0,046	0,322
CHR7	2850240	CHR7:2850240	SSF x Near_LoA	-11,8606594	-0,041	0,309
CHR7	2850241	CHR7:2850241	SSF x Near_LoA	-12,2029073	-0,034	0,314
CHR7	2856872	CHR7:2856872	SSF x Near_LoA	-11,0277825	-0,049	0,309
CHR7	2856878	CHR7:2856878	SSF x Near_LoA	-9,8744886	-0,040	0,311
CHR7	2856911	CHR7:2856911	SSF x Near_LoA	-9,13850623	0,123	0,312
CHR7	2856948	CHR7:2856948	SSF x Near_LoA	-11,5201903	0,107	0,292
CHR7	2856950	CHR7:2856950	SSF x Near_LoA	-7,62122353	-0,007	0,305
CHR7	2856957	CHR7:2856957	SSF x Near_LoA	-8,46143097	0,082	0,301
CHR7	2856969	CHR7:2856969	SSF x Near_LoA	-8,27957306	-0,068	0,316
CHR7	2856994	CHR7:2856994	SSF x Near_LoA	-5,02683339	-0,070	0,311
CHR7	2857728	CHR7:2857728	SSF x Near_LoA	-6,75922682	-0,169	0,301
CHR7	2861302	CHR7:2861302	SSF x Near_LoA	-5,56550704	0,179	0,296
CHR7	2861443	CHR7:2861443	SSF x Near_LoA	-8,36260972	-0,088	0,306
CHR7	2861475	CHR7:2861475	SSF x Near_LoA	-6,45337889	0,127	0,300
CHR7	2861477	CHR7:2861477	SSF x Near_LoA	-5,47997284	0,114	0,297
CHR7	2861502	CHR7:2861502	SSF x Near_LoA	-6,97465307	0,133	0,295
CHR7	2864979	CHR7:2864979	SSF x Near_LoA	-5,541391	-0,075	0,299
CHR7	287328	CHR7:287328	SSF x Near_LoA	-9,01113485	0,122	0,298
CHR7	2876405	CHR7:2876405	SSF x Near_LoA	-8,88418852	-0,042	0,312
CHR7	2876407	CHR7:2876407	SSF x Near_LoA	-11,4356173	-0,034	0,314
CHR7	2876412	CHR7:2876412	SSF x Near_LoA	-7,93246148	-0,043	0,311
CHR7	2876429	CHR7:2876429	SSF x Near_LoA	-10,690788	-0,044	0,296
CHR7	2876459	CHR7:2876459	SSF x Near_LoA	-9,46616483	-0,025	0,297
CHR7	2876463	CHR7:2876463	SSF x Near_LoA	-10,6670694	-0,058	0,302
CHR7	2876546	CHR7:2876546	SSF x Near_LoA	-9,68336205	-0,125	0,309
CHR7	2894215	CHR7:2894215	SSF x Near_LoA	-10,0875282	0,029	0,315
CHR7	2894238	CHR7:2894238	SSF x Near_LoA	-11,7107027	0,055	0,319
CHR7	2895522	CHR7:2895522	SSF x Near_LoA	-11,0748894	0,079	0,298
CHR7	2895594	CHR7:2895594	SSF x Near_LoA	-9,79097721	0,031	0,308
CHR7	2895649	CHR7:2895649	SSF x Near_LoA	-10,3885073	-0,026	0,308
CHR7	2895659	CHR7:2895659	SSF x Near_LoA	-11,4033432	0,037	0,290
CHR7	2895735	CHR7:2895735	SSF x Near_LoA	-9,28378617	-0,091	0,301
CHR7	2901061	CHR7:2901061	SSF x Near_LoA	-11,4123232	-0,058	0,294
CHR7	2901157	CHR7:2901157	SSF x Near_LoA	-11,7712325	-0,032	0,312
CHR7	2906224	CHR7:2906224	SSF x Near_LoA	-8,49660835	0,108	0,305
CHR7	2911448	CHR7:2911448	SSF x Near_LoA	-8,21751239	0,042	0,309
CHR7	2911473	CHR7:2911473	SSF x Near_LoA	-9,021193	0,055	0,304
CHR7	2911476	CHR7:2911476	SSF x Near_LoA	-10,1913895	0,064	0,289
CHR7	2911533	CHR7:2911533	SSF x Near_LoA	-8,49337867	0,036	0,300

CHR7	2911539	CHR7:2911539	SSF x Near_LoA	-7,47081082	0,047	0,308
CHR7	2911563	CHR7:2911563	SSF x Near_LoA	-8,46991921	-0,052	0,302
CHR7	2916167	CHR7:2916167	SSF x Near_LoA	-11,4399182	-0,028	0,310
CHR7	2916190	CHR7:2916190	SSF x Near_LoA	-8,29028943	0,007	0,309
CHR7	2916230	CHR7:2916230	SSF x Near_LoA	-8,16242807	-0,027	0,298
CHR7	2916239	CHR7:2916239	SSF x Near_LoA	-8,62968616	-0,001	0,296
CHR7	2916344	CHR7:2916344	SSF x Near_LoA	-8,71732876	-0,023	0,295
CHR7	292107	CHR7:292107	SSF x Near_LoA	-8,79553601	0,033	0,310
CHR7	292126	CHR7:292126	SSF x Near_LoA	6,74601472	-0,112	0,300
CHR7	292241	CHR7:292241	SSF x Near_LoA	-8,45186464	-0,088	0,298
CHR7	2928892	CHR7:2928892	SSF x Near_LoA	-8,67253504	-0,045	0,309
CHR7	2930859	CHR7:2930859	SSF x Near_LoA	-9,25204894	-0,010	0,298
CHR7	2930877	CHR7:2930877	SSF x Near_LoA	-9,01541645	-0,082	0,306
CHR7	2931478	CHR7:2931478	SSF x Near_LoA	-9,99607063	-0,050	0,314
CHR7	2931507	CHR7:2931507	SSF x Near_LoA	-11,2598982	0,074	0,294
CHR7	2939291	CHR7:2939291	SSF x Near_LoA	-6,5577254	-0,050	0,313
CHR7	2945423	CHR7:2945423	SSF x Near_LoA	-9,00572041	0,006	0,316
CHR7	2946709	CHR7:2946709	SSF x Near_LoA	-10,186387	-0,020	0,314
CHR7	2946802	CHR7:2946802	SSF x Near_LoA	-11,133618	-0,012	0,309
CHR7	2946863	CHR7:2946863	SSF x Near_LoA	-11,6010381	-0,100	0,300
CHR7	2948439	CHR7:2948439	SSF x Near_LoA	-8,85321645	-0,003	0,319
CHR7	2948466	CHR7:2948466	SSF x Near_LoA	-8,7070782	-0,012	0,305
CHR7	2948475	CHR7:2948475	SSF x Near_LoA	-11,353587	-0,029	0,306
CHR7	2949681	CHR7:2949681	SSF x Near_LoA	-8,97088966	-0,012	0,304
CHR7	2950341	CHR7:2950341	SSF x Near_LoA	-7,45106794	-0,094	0,300
CHR7	2961849	CHR7:2961849	SSF x Near_LoA	-9,13942968	-0,077	0,315
CHR7	2963288	CHR7:2963288	SSF x Near_LoA	-10,5381192	0,062	0,305
CHR7	2968393	CHR7:2968393	SSF x Near_LoA	-9,38371679	0,155	0,295
CHR7	2968399	CHR7:2968399	SSF x Near_LoA	-11,2134255	-0,116	0,318
CHR7	2968420	CHR7:2968420	SSF x Near_LoA	-5,31171332	0,150	0,305
CHR7	2971671	CHR7:2971671	SSF x Near_LoA	-9,80898199	-0,023	0,309
CHR7	2971704	CHR7:2971704	SSF x Near_LoA	-8,24104052	-0,028	0,295
CHR7	2971716	CHR7:2971716	SSF x Near_LoA	-9,07046711	-0,039	0,306
CHR7	2971820	CHR7:2971820	SSF x Near_LoA	-8,48383132	-0,085	0,305
CHR7	2971840	CHR7:2971840	SSF x Near_LoA	-11,0798244	-0,026	0,305
CHR7	2976260	CHR7:2976260	SSF x Near_LoA	-6,77431259	-0,021	0,314
CHR7	2984635	CHR7:2984635	SSF x Near_LoA	-6,92334562	0,028	0,310
CHR7	2984781	CHR7:2984781	SSF x Near_LoA	-9,20786956	0,113	0,299
CHR7	2984841	CHR7:2984841	SSF x Near_LoA	-3,02050915	0,030	0,316
CHR7	2988264	CHR7:2988264	SSF x Near_LoA	-10,0675631	-0,103	0,305
CHR7	2989374	CHR7:2989374	SSF x Near_LoA	-9,95158673	0,057	0,306
CHR7	300194	CHR7:300194	SSF x Near_LoA	-11,762245	0,035	0,301
CHR7	3002416	CHR7:3002416	SSF x Near_LoA	-10,6976811	-0,026	0,304
CHR7	3002463	CHR7:3002463	SSF x Near_LoA	-10,4871386	0,054	0,296
CHR7	3002666	CHR7:3002666	SSF x Near_LoA	-8,93289674	-0,074	0,290
CHR7	302040	CHR7:302040	SSF x Near_LoA	-9,47636633	0,027	0,297
CHR7	302174	CHR7:302174	SSF x Near_LoA	-8,06614595	-0,088	0,304
CHR7	3032131	CHR7:3032131	SSF x Near_LoA	-10,6042033	0,020	0,308
CHR7	3032223	CHR7:3032223	SSF x Near_LoA	-9,45486943	0,000	0,321
CHR7	3051525	CHR7:3051525	SSF x Near_LoA	-7,03903895	-0,009	0,295
CHR7	3051527	CHR7:3051527	SSF x Near_LoA	-6,07117414	0,040	0,304
CHR7	3051643	CHR7:3051643	SSF x Near_LoA	-11,0509294	0,063	0,301
CHR7	3051776	CHR7:3051776	SSF x Near_LoA	-10,6665004	0,039	0,316

CHR7	3051789	CHR7:3051789	SSF x Near_LoA	-7,43413837	0,004	0,306
CHR7	3051836	CHR7:3051836	SSF x Near_LoA	-11,3605275	-0,105	0,295
CHR7	3053884	CHR7:3053884	SSF x Near_LoA	-11,2420237	-0,005	0,302
CHR7	3054084	CHR7:3054084	SSF x Near_LoA	-8,9803723	0,089	0,299
CHR7	3062437	CHR7:3062437	SSF x Near_LoA	-11,4585081	-0,036	0,318
CHR7	3062489	CHR7:3062489	SSF x Near_LoA	-11,0082147	-0,084	0,295
CHR7	3062625	CHR7:3062625	SSF x Near_LoA	-9,83590906	-0,038	0,325
CHR7	3062645	CHR7:3062645	SSF x Near_LoA	-8,57151598	-0,029	0,305
CHR7	3063010	CHR7:3063010	SSF x Near_LoA	-10,5385866	-0,060	0,323
CHR7	3063028	CHR7:3063028	SSF x Near_LoA	-9,45910444	0,148	0,301
CHR7	3063092	CHR7:3063092	SSF x Near_LoA	-10,1428651	-0,018	0,323
CHR7	3063093	CHR7:3063093	SSF x Near_LoA	-11,5802893	-0,017	0,310
CHR7	3068793	CHR7:3068793	SSF x Near_LoA	-7,33896348	-0,121	0,299
CHR7	3071457	CHR7:3071457	SSF x Near_LoA	-9,98949743	-0,047	0,312
CHR7	3071521	CHR7:3071521	SSF x Near_LoA	-10,1925472	0,060	0,294
CHR7	3071599	CHR7:3071599	SSF x Near_LoA	-1,06974162	0,079	0,289
CHR7	3071636	CHR7:3071636	SSF x Near_LoA	-10,2402061	-0,032	0,305
CHR7	3074070	CHR7:3074070	SSF x Near_LoA	-9,73642464	-0,042	0,309
CHR7	3074106	CHR7:3074106	SSF x Near_LoA	-10,1399773	0,078	0,310
CHR7	3074214	CHR7:3074214	SSF x Near_LoA	-9,6848879	-0,066	0,318
CHR7	3074223	CHR7:3074223	SSF x Near_LoA	-9,04362988	-0,151	0,300
CHR7	3074224	CHR7:3074224	SSF x Near_LoA	-9,97302361	-0,055	0,314
CHR7	3074225	CHR7:3074225	SSF x Near_LoA	-9,66503431	-0,027	0,309
CHR7	3074231	CHR7:3074231	SSF x Near_LoA	-5,31783788	-0,150	0,308
CHR7	3074245	CHR7:3074245	SSF x Near_LoA	-7,02539111	0,147	0,293
CHR7	3074252	CHR7:3074252	SSF x Near_LoA	-10,2527055	-0,062	0,304
CHR7	3074289	CHR7:3074289	SSF x Near_LoA	-3,51377372	-0,185	0,285
CHR7	3080928	CHR7:3080928	SSF x Near_LoA	-8,13510639	-0,165	0,307
CHR7	3080964	CHR7:3080964	SSF x Near_LoA	-9,10562692	0,052	0,304
CHR7	3081030	CHR7:3081030	SSF x Near_LoA	-11,3746084	-0,037	0,318
CHR7	3083283	CHR7:3083283	SSF x Near_LoA	-7,86670803	0,037	0,302
CHR7	3083338	CHR7:3083338	SSF x Near_LoA	-10,8050483	-0,037	0,320
CHR7	3093893	CHR7:3093893	SSF x Near_LoA	-6,70582903	-0,005	0,303
CHR7	3093976	CHR7:3093976	SSF x Near_LoA	-11,9836585	-0,002	0,295
CHR7	3095743	CHR7:3095743	SSF x Near_LoA	-9,99451438	0,069	0,289
CHR7	3095880	CHR7:3095880	SSF x Near_LoA	-7,65598043	0,166	0,293
CHR7	3095933	CHR7:3095933	SSF x Near_LoA	-9,90215423	-0,069	0,316
CHR7	3095957	CHR7:3095957	SSF x Near_LoA	-10,3006332	0,029	0,299
CHR7	309637	CHR7:309637	SSF x Near_LoA	-9,77483655	-0,126	0,311
CHR7	309655	CHR7:309655	SSF x Near_LoA	-8,9597984	-0,021	0,293
CHR7	3103081	CHR7:3103081	SSF x Near_LoA	-11,1988906	-0,045	0,308
CHR7	3103120	CHR7:3103120	SSF x Near_LoA	-3,78162741	0,125	0,302
CHR7	3105577	CHR7:3105577	SSF x Near_LoA	-5,56932461	0,053	0,317
CHR7	3105637	CHR7:3105637	SSF x Near_LoA	-7,89702572	0,064	0,318
CHR7	3105657	CHR7:3105657	SSF x Near_LoA	-9,91899559	0,053	0,295
CHR7	3105682	CHR7:3105682	SSF x Near_LoA	-9,41841247	-0,014	0,307
CHR7	3105705	CHR7:3105705	SSF x Near_LoA	-10,5379628	0,076	0,301
CHR7	3149896	CHR7:3149896	SSF x Near_LoA	-10,0765393	-0,018	0,315
CHR7	3149913	CHR7:3149913	SSF x Near_LoA	-9,97022807	0,015	0,318
CHR7	3149919	CHR7:3149919	SSF x Near_LoA	-7,69798065	0,088	0,308
CHR7	3149946	CHR7:3149946	SSF x Near_LoA	-0,74909262	0,158	0,302
CHR7	3149968	CHR7:3149968	SSF x Near_LoA	-7,95558168	0,056	0,314
CHR7	3149972	CHR7:3149972	SSF x Near_LoA	-8,69612702	0,069	0,304

CHR7	3149974	CHR7:3149974	SSF x Near_LoA	-7,87171283	0,065	0,320
CHR7	3150089	CHR7:3150089	SSF x Near_LoA	-6,67577623	0,090	0,311
CHR7	3150097	CHR7:3150097	SSF x Near_LoA	-8,2540324	0,122	0,300
CHR7	3150183	CHR7:3150183	SSF x Near_LoA	-8,117974	0,014	0,322
CHR7	3150187	CHR7:3150187	SSF x Near_LoA	-10,0609321	0,040	0,301
CHR7	3150190	CHR7:3150190	SSF x Near_LoA	-9,62291444	0,012	0,314
CHR7	3150204	CHR7:3150204	SSF x Near_LoA	-9,91523789	-0,010	0,314
CHR7	3160695	CHR7:3160695	SSF x Near_LoA	-10,4889503	0,058	0,295
CHR7	3160730	CHR7:3160730	SSF x Near_LoA	-10,295654	-0,128	0,313
CHR7	3160907	CHR7:3160907	SSF x Near_LoA	-10,4398137	0,031	0,301
CHR7	3169919	CHR7:3169919	SSF x Near_LoA	-9,6630174	-0,056	0,295
CHR7	3170011	CHR7:3170011	SSF x Near_LoA	-5,83358162	-0,212	0,285
CHR7	3170026	CHR7:3170026	SSF x Near_LoA	-9,48028391	-0,153	0,288
CHR7	3175213	CHR7:3175213	SSF x Near_LoA	-5,17950136	0,037	0,313
CHR7	3175264	CHR7:3175264	SSF x Near_LoA	-8,84522475	0,036	0,313
CHR7	3175298	CHR7:3175298	SSF x Near_LoA	-10,8969397	-0,068	0,313
CHR7	3179310	CHR7:3179310	SSF x Near_LoA	-9,90074795	-0,036	0,309
CHR7	3179995	CHR7:3179995	SSF x Near_LoA	-12,0609127	-0,089	0,305
CHR7	3185164	CHR7:3185164	SSF x Near_LoA	-8,56470651	-0,012	0,311
CHR7	3185194	CHR7:3185194	SSF x Near_LoA	-11,1031196	-0,011	0,312
CHR7	3185200	CHR7:3185200	SSF x Near_LoA	-7,91231329	0,177	0,292
CHR7	3185245	CHR7:3185245	SSF x Near_LoA	-11,2911617	-0,081	0,307
CHR7	3185276	CHR7:3185276	SSF x Near_LoA	-9,10329286	-0,087	0,305
CHR7	3187383	CHR7:3187383	SSF x Near_LoA	-8,02917425	0,004	0,307
CHR7	3187473	CHR7:3187473	SSF x Near_LoA	-8,17994093	-0,123	0,308
CHR7	3187491	CHR7:3187491	SSF x Near_LoA	-2,56105964	0,125	0,307
CHR7	3187503	CHR7:3187503	SSF x Near_LoA	-10,797529	0,081	0,303
CHR7	3188080	CHR7:3188080	SSF x Near_LoA	-8,89951981	0,072	0,309
CHR7	3188081	CHR7:3188081	SSF x Near_LoA	-12,010396	-0,057	0,288
CHR7	3188092	CHR7:3188092	SSF x Near_LoA	-8,65049173	0,042	0,308
CHR7	3189464	CHR7:3189464	SSF x Near_LoA	-6,26639179	0,051	0,320
CHR7	3193311	CHR7:3193311	SSF x Near_LoA	-8,31097577	-0,069	0,310
CHR7	319482	CHR7:319482	SSF x Near_LoA	-9,86521091	0,003	0,319
CHR7	319520	CHR7:319520	SSF x Near_LoA	-7,85809544	-0,035	0,311
CHR7	319678	CHR7:319678	SSF x Near_LoA	-10,5880978	-0,128	0,304
CHR7	3206032	CHR7:3206032	SSF x Near_LoA	-7,74307976	-0,081	0,309
CHR7	3206063	CHR7:3206063	SSF x Near_LoA	-9,93376066	0,030	0,296
CHR7	3206103	CHR7:3206103	SSF x Near_LoA	-9,1854796	0,036	0,309
CHR7	3211747	CHR7:3211747	SSF x Near_LoA	-9,07619907	0,073	0,291
CHR7	3211811	CHR7:3211811	SSF x Near_LoA	-0,82566994	0,045	0,297
CHR7	3212994	CHR7:3212994	SSF x Near_LoA	-11,3651537	0,019	0,310
CHR7	3213004	CHR7:3213004	SSF x Near_LoA	-10,793236	-0,112	0,288
CHR7	3213251	CHR7:3213251	SSF x Near_LoA	-9,64181844	0,114	0,306
CHR7	321457	CHR7:321457	SSF x Near_LoA	-10,7168726	-0,062	0,309
CHR7	321505	CHR7:321505	SSF x Near_LoA	-4,79133333	-0,099	0,303
CHR7	3225925	CHR7:3225925	SSF x Near_LoA	-6,48488996	0,177	0,292
CHR7	3225998	CHR7:3225998	SSF x Near_LoA	-8,91450934	0,036	0,310
CHR7	3226036	CHR7:3226036	SSF x Near_LoA	-9,00068323	-0,016	0,308
CHR7	3226037	CHR7:3226037	SSF x Near_LoA	-10,4386138	-0,002	0,333
CHR7	3231054	CHR7:3231054	SSF x Near_LoA	-7,62623349	0,098	0,305
CHR7	3231055	CHR7:3231055	SSF x Near_LoA	-10,7001204	0,041	0,315
CHR7	3231182	CHR7:3231182	SSF x Near_LoA	-7,74046906	0,076	0,298
CHR7	3231774	CHR7:3231774	SSF x Near_LoA	-8,90275041	0,022	0,293

CHR7	3231791	CHR7:3231791	SSF x Near_LoA	-9,91355871	0,062	0,307
CHR7	3234830	CHR7:3234830	SSF x Near_LoA	-9,19767835	0,115	0,307
CHR7	3234865	CHR7:3234865	SSF x Near_LoA	-10,7328818	0,119	0,307
CHR7	3234899	CHR7:3234899	SSF x Near_LoA	-10,7676638	0,071	0,312
CHR7	3234904	CHR7:3234904	SSF x Near_LoA	-11,02438	0,082	0,312
CHR7	3234906	CHR7:3234906	SSF x Near_LoA	-11,3234252	0,072	0,312
CHR7	3235007	CHR7:3235007	SSF x Near_LoA	-9,50114475	-0,125	0,311
CHR7	3235049	CHR7:3235049	SSF x Near_LoA	-7,85798592	-0,146	0,300
CHR7	3235074	CHR7:3235074	SSF x Near_LoA	-10,3526619	0,052	0,306
CHR7	3235076	CHR7:3235076	SSF x Near_LoA	-11,0236109	-0,009	0,320
CHR7	3235083	CHR7:3235083	SSF x Near_LoA	-10,0574548	0,001	0,309
CHR7	3238951	CHR7:3238951	SSF x Near_LoA	-10,3303143	-0,113	0,316
CHR7	3238953	CHR7:3238953	SSF x Near_LoA	-9,06539379	0,095	0,313
CHR7	3238964	CHR7:3238964	SSF x Near_LoA	-10,9887712	0,041	0,306
CHR7	3239093	CHR7:3239093	SSF x Near_LoA	-9,74466246	-0,017	0,295
CHR7	3239094	CHR7:3239094	SSF x Near_LoA	-8,70131274	-0,017	0,318
CHR7	3239129	CHR7:3239129	SSF x Near_LoA	-5,13348089	-0,068	0,314
CHR7	324267	CHR7:324267	SSF x Near_LoA	-11,7457072	-0,033	0,308
CHR7	3247070	CHR7:3247070	SSF x Near_LoA	-7,55017912	0,018	0,290
CHR7	3249216	CHR7:3249216	SSF x Near_LoA	-9,25278156	-0,018	0,305
CHR7	3249225	CHR7:3249225	SSF x Near_LoA	-9,73919958	-0,006	0,303
CHR7	324925	CHR7:324925	SSF x Near_LoA	-10,7021251	0,017	0,312
CHR7	325012	CHR7:325012	SSF x Near_LoA	-11,4095296	-0,065	0,307
CHR7	325015	CHR7:325015	SSF x Near_LoA	-8,46138544	-0,002	0,295
CHR7	3255693	CHR7:3255693	SSF x Near_LoA	-6,74229746	-0,131	0,308
CHR7	3255736	CHR7:3255736	SSF x Near_LoA	-10,2137719	-0,036	0,295
CHR7	3258668	CHR7:3258668	SSF x Near_LoA	-7,83926938	0,078	0,309
CHR7	3261743	CHR7:3261743	SSF x Near_LoA	-10,7148072	-0,072	0,315
CHR7	327606	CHR7:327606	SSF x Near_LoA	-6,85553546	0,153	0,297
CHR7	329221	CHR7:329221	SSF x Near_LoA	-8,51083959	0,156	0,306
CHR7	329239	CHR7:329239	SSF x Near_LoA	-8,59578188	-0,057	0,308
CHR7	329419	CHR7:329419	SSF x Near_LoA	-8,88835366	0,011	0,300
CHR7	3298286	CHR7:3298286	SSF x Near_LoA	-10,7502655	-0,037	0,314
CHR7	3314544	CHR7:3314544	SSF x Near_LoA	-8,63753564	-0,016	0,299
CHR7	3314597	CHR7:3314597	SSF x Near_LoA	-7,58588524	0,057	0,309
CHR7	3314598	CHR7:3314598	SSF x Near_LoA	-7,71532129	0,054	0,301
CHR7	3331159	CHR7:3331159	SSF x Near_LoA	-11,9621486	-0,053	0,297
CHR7	3331227	CHR7:3331227	SSF x Near_LoA	-7,41856479	0,164	0,292
CHR7	3331339	CHR7:3331339	SSF x Near_LoA	-7,87156538	0,047	0,310
CHR7	3331390	CHR7:3331390	SSF x Near_LoA	-9,25834235	-0,150	0,316
CHR7	3331391	CHR7:3331391	SSF x Near_LoA	-6,32704336	-0,075	0,306
CHR7	3338039	CHR7:3338039	SSF x Near_LoA	-0,95952077	0,115	0,299
CHR7	3338119	CHR7:3338119	SSF x Near_LoA	-8,02263761	-0,051	0,305
CHR7	3338294	CHR7:3338294	SSF x Near_LoA	-9,72733301	-0,058	0,289
CHR7	3338304	CHR7:3338304	SSF x Near_LoA	-10,1816308	-0,020	0,292
CHR7	3341468	CHR7:3341468	SSF x Near_LoA	-7,35338914	0,079	0,314
CHR7	3341574	CHR7:3341574	SSF x Near_LoA	-9,69382442	-0,100	0,303
CHR7	3341878	CHR7:3341878	SSF x Near_LoA	-8,65485161	0,045	0,314
CHR7	3341889	CHR7:3341889	SSF x Near_LoA	-8,66057652	0,011	0,317
CHR7	3341893	CHR7:3341893	SSF x Near_LoA	-9,10351577	0,026	0,323
CHR7	3341915	CHR7:3341915	SSF x Near_LoA	-10,9457521	-0,045	0,303
CHR7	3341928	CHR7:3341928	SSF x Near_LoA	-8,15923868	-0,081	0,301
CHR7	3341934	CHR7:3341934	SSF x Near_LoA	-1,59692608	-0,206	0,305

CHR7	3348650	CHR7:3348650	SSF x Near_LoA	-10,2247873	-0,051	0,313
CHR7	3348656	CHR7:3348656	SSF x Near_LoA	-8,78703802	-0,077	0,303
CHR7	3348667	CHR7:3348667	SSF x Near_LoA	-10,0600676	0,004	0,305
CHR7	3348672	CHR7:3348672	SSF x Near_LoA	-2,33611937	0,031	0,316
CHR7	3351225	CHR7:3351225	SSF x Near_LoA	-11,1738469	0,016	0,311
CHR7	3351258	CHR7:3351258	SSF x Near_LoA	-6,79077666	0,009	0,320
CHR7	3351404	CHR7:3351404	SSF x Near_LoA	-11,7280396	-0,059	0,313
CHR7	3351427	CHR7:3351427	SSF x Near_LoA	-9,84090719	-0,002	0,312
CHR7	3351437	CHR7:3351437	SSF x Near_LoA	-9,02934973	0,010	0,312
CHR7	3353813	CHR7:3353813	SSF x Near_LoA	-7,57860561	-0,066	0,306
CHR7	3353819	CHR7:3353819	SSF x Near_LoA	-8,54814501	0,060	0,290
CHR7	3353826	CHR7:3353826	SSF x Near_LoA	-10,242017	-0,037	0,304
CHR7	3353864	CHR7:3353864	SSF x Near_LoA	-9,86751245	0,037	0,304
CHR7	3369627	CHR7:3369627	SSF x Near_LoA	-9,65272835	-0,039	0,324
CHR7	3369631	CHR7:3369631	SSF x Near_LoA	-8,96084947	-0,034	0,312
CHR7	3369632	CHR7:3369632	SSF x Near_LoA	-4,3734441	-0,057	0,306
CHR7	3369645	CHR7:3369645	SSF x Near_LoA	-6,77492056	0,085	0,294
CHR7	3369768	CHR7:3369768	SSF x Near_LoA	-10,5514672	0,050	0,305
CHR7	3369782	CHR7:3369782	SSF x Near_LoA	-8,96843862	0,071	0,296
CHR7	3369786	CHR7:3369786	SSF x Near_LoA	-10,4033443	0,052	0,304
CHR7	337078	CHR7:337078	SSF x Near_LoA	-4,91246934	0,166	0,300
CHR7	337159	CHR7:337159	SSF x Near_LoA	-8,88566821	-0,087	0,289
CHR7	3375743	CHR7:3375743	SSF x Near_LoA	-11,8275398	-0,017	0,303
CHR7	3375881	CHR7:3375881	SSF x Near_LoA	-9,72934038	-0,057	0,297
CHR7	3381017	CHR7:3381017	SSF x Near_LoA	-8,68631899	0,070	0,295
CHR7	3381020	CHR7:3381020	SSF x Near_LoA	-4,89533645	0,096	0,304
CHR7	3381051	CHR7:3381051	SSF x Near_LoA	-9,03362625	-0,113	0,317
CHR7	3381168	CHR7:3381168	SSF x Near_LoA	-11,6574923	0,041	0,296
CHR7	3383775	CHR7:3383775	SSF x Near_LoA	-7,65536971	0,024	0,311
CHR7	3383779	CHR7:3383779	SSF x Near_LoA	-8,87723605	0,045	0,308
CHR7	3383838	CHR7:3383838	SSF x Near_LoA	-8,97580284	-0,011	0,316
CHR7	3383880	CHR7:3383880	SSF x Near_LoA	-9,60725154	-0,096	0,294
CHR7	3383886	CHR7:3383886	SSF x Near_LoA	-1,19699565	0,029	0,310
CHR7	3387822	CHR7:3387822	SSF x Near_LoA	-11,0527529	-0,043	0,314
CHR7	3387881	CHR7:3387881	SSF x Near_LoA	-9,28217975	-0,001	0,295
CHR7	3402337	CHR7:3402337	SSF x Near_LoA	-12,1140522	0,034	0,308
CHR7	3402427	CHR7:3402427	SSF x Near_LoA	-10,2219769	-0,082	0,300
CHR7	3402656	CHR7:3402656	SSF x Near_LoA	-8,68996791	-0,059	0,294
CHR7	3402685	CHR7:3402685	SSF x Near_LoA	-8,75169551	0,013	0,320
CHR7	3405801	CHR7:3405801	SSF x Near_LoA	-8,01396215	0,054	0,308
CHR7	3405818	CHR7:3405818	SSF x Near_LoA	-9,35350687	-0,046	0,306
CHR7	3405863	CHR7:3405863	SSF x Near_LoA	-9,41873691	0,070	0,307
CHR7	341800	CHR7:341800	SSF x Near_LoA	-9,68437587	0,073	0,307
CHR7	341825	CHR7:341825	SSF x Near_LoA	-2,32933583	0,167	0,292
CHR7	341854	CHR7:341854	SSF x Near_LoA	-0,86272052	0,071	0,307
CHR7	3419411	CHR7:3419411	SSF x Near_LoA	-9,11243679	-0,093	0,310
CHR7	3419440	CHR7:3419440	SSF x Near_LoA	-7,83431361	0,002	0,314
CHR7	3419444	CHR7:3419444	SSF x Near_LoA	-6,67367435	0,012	0,306
CHR7	3419467	CHR7:3419467	SSF x Near_LoA	-8,80594096	0,043	0,301
CHR7	3419517	CHR7:3419517	SSF x Near_LoA	-9,39861189	-0,008	0,317
CHR7	3419591	CHR7:3419591	SSF x Near_LoA	-11,0519626	0,004	0,328
CHR7	3419596	CHR7:3419596	SSF x Near_LoA	-6,9161657	0,107	0,310
CHR7	3423387	CHR7:3423387	SSF x Near_LoA	-11,9978834	-0,023	0,303

CHR7	3423395	CHR7:3423395	SSF x Near_LoA	-10,770655	0,067	0,307
CHR7	3424111	CHR7:3424111	SSF x Near_LoA	-9,97741425	0,090	0,301
CHR7	3424140	CHR7:3424140	SSF x Near_LoA	-5,98400582	0,106	0,310
CHR7	3424144	CHR7:3424144	SSF x Near_LoA	-4,81769484	0,124	0,301
CHR7	3424161	CHR7:3424161	SSF x Near_LoA	-10,8608883	-0,040	0,304
CHR7	3430908	CHR7:3430908	SSF x Near_LoA	-9,05860237	0,054	0,311
CHR7	3430938	CHR7:3430938	SSF x Near_LoA	-7,63687183	0,073	0,322
CHR7	3430995	CHR7:3430995	SSF x Near_LoA	-8,64516548	0,032	0,309
CHR7	3440012	CHR7:3440012	SSF x Near_LoA	-10,9480917	0,018	0,308
CHR7	3444770	CHR7:3444770	SSF x Near_LoA	-9,71136023	0,048	0,290
CHR7	3444788	CHR7:3444788	SSF x Near_LoA	-7,68250805	0,056	0,309
CHR7	3462297	CHR7:3462297	SSF x Near_LoA	-10,4368348	-0,050	0,302
CHR7	3467767	CHR7:3467767	SSF x Near_LoA	-10,083473	0,055	0,325
CHR7	3476954	CHR7:3476954	SSF x Near_LoA	-1,51361001	0,147	0,298
CHR7	3476990	CHR7:3476990	SSF x Near_LoA	-9,46720179	0,003	0,321
CHR7	3477093	CHR7:3477093	SSF x Near_LoA	-9,03700647	-0,041	0,298
CHR7	348936	CHR7:348936	SSF x Near_LoA	-8,3080529	-0,080	0,299
CHR7	349100	CHR7:349100	SSF x Near_LoA	-12,1538213	-0,070	0,298
CHR7	3493723	CHR7:3493723	SSF x Near_LoA	-8,78965939	0,055	0,307
CHR7	3493749	CHR7:3493749	SSF x Near_LoA	-8,96263128	0,014	0,296
CHR7	3495517	CHR7:3495517	SSF x Near_LoA	-9,85785972	0,026	0,306
CHR7	3495532	CHR7:3495532	SSF x Near_LoA	-5,7842929	-0,023	0,310
CHR7	3495538	CHR7:3495538	SSF x Near_LoA	-8,77512217	-0,037	0,301
CHR7	3495556	CHR7:3495556	SSF x Near_LoA	-8,05691137	-0,050	0,304
CHR7	3495592	CHR7:3495592	SSF x Near_LoA	-9,23025181	-0,028	0,296
CHR7	3495610	CHR7:3495610	SSF x Near_LoA	-7,17246775	-0,015	0,314
CHR7	3498545	CHR7:3498545	SSF x Near_LoA	-9,78474975	-0,114	0,307
CHR7	3499932	CHR7:3499932	SSF x Near_LoA	-8,85315701	-0,119	0,313
CHR7	3499953	CHR7:3499953	SSF x Near_LoA	-11,326433	0,006	0,307
CHR7	350045	CHR7:350045	SSF x Near_LoA	-10,7844924	0,120	0,299
CHR7	350121	CHR7:350121	SSF x Near_LoA	-10,1894262	0,057	0,299
CHR7	3502897	CHR7:3502897	SSF x Near_LoA	-9,33966636	-0,027	0,291
CHR7	3502900	CHR7:3502900	SSF x Near_LoA	-8,37876157	-0,062	0,320
CHR7	3510155	CHR7:3510155	SSF x Near_LoA	-11,9528594	-0,041	0,306
CHR7	3518024	CHR7:3518024	SSF x Near_LoA	-12,3080218	-0,033	0,290
CHR7	3522216	CHR7:3522216	SSF x Near_LoA	-8,45231988	-0,127	0,302
CHR7	3522244	CHR7:3522244	SSF x Near_LoA	-9,42699536	0,050	0,293
CHR7	3522294	CHR7:3522294	SSF x Near_LoA	-8,17439917	-0,008	0,315
CHR7	3522298	CHR7:3522298	SSF x Near_LoA	-9,00631891	0,009	0,304
CHR7	3522308	CHR7:3522308	SSF x Near_LoA	-8,19121604	-0,033	0,297
CHR7	3522417	CHR7:3522417	SSF x Near_LoA	-10,5502807	0,043	0,307
CHR7	3524647	CHR7:3524647	SSF x Near_LoA	-9,37747187	-0,006	0,307
CHR7	3525821	CHR7:3525821	SSF x Near_LoA	-9,464367	0,012	0,318
CHR7	3525899	CHR7:3525899	SSF x Near_LoA	-10,3564819	0,049	0,311
CHR7	3528271	CHR7:3528271	SSF x Near_LoA	-9,43438926	0,131	0,311
CHR7	3528298	CHR7:3528298	SSF x Near_LoA	-10,0036744	-0,095	0,291
CHR7	3528301	CHR7:3528301	SSF x Near_LoA	-8,55687662	-0,062	0,308
CHR7	3537555	CHR7:3537555	SSF x Near_LoA	-8,68999724	0,042	0,305
CHR7	3537568	CHR7:3537568	SSF x Near_LoA	-9,76350119	0,003	0,304
CHR7	3537590	CHR7:3537590	SSF x Near_LoA	-9,41189889	0,008	0,315
CHR7	3537634	CHR7:3537634	SSF x Near_LoA	-10,5491872	0,020	0,315
CHR7	3537673	CHR7:3537673	SSF x Near_LoA	-10,2819754	0,053	0,303
CHR7	3573501	CHR7:3573501	SSF x Near_LoA	-10,2448906	0,004	0,319

CHR7	3573510	CHR7:3573510	SSF x Near_LoA	-8,20879878	-0,015	0,315
CHR7	3573529	CHR7:3573529	SSF x Near_LoA	-9,92396889	-0,008	0,320
CHR7	3573557	CHR7:3573557	SSF x Near_LoA	-10,0540561	0,009	0,307
CHR7	3577868	CHR7:3577868	SSF x Near_LoA	-9,89854761	0,011	0,310
CHR7	3579199	CHR7:3579199	SSF x Near_LoA	-11,1205435	-0,034	0,310
CHR7	3579344	CHR7:3579344	SSF x Near_LoA	-10,5753351	-0,088	0,320
CHR7	3582063	CHR7:3582063	SSF x Near_LoA	-8,38329302	-0,056	0,307
CHR7	3582099	CHR7:3582099	SSF x Near_LoA	-8,83209301	-0,027	0,313
CHR7	3582120	CHR7:3582120	SSF x Near_LoA	-6,1111358	-0,024	0,323
CHR7	3582138	CHR7:3582138	SSF x Near_LoA	-7,75204764	-0,020	0,309
CHR7	3582384	CHR7:3582384	SSF x Near_LoA	-7,67341741	-0,023	0,318
CHR7	3589646	CHR7:3589646	SSF x Near_LoA	-6,3500148	0,135	0,319
CHR7	3593700	CHR7:3593700	SSF x Near_LoA	-6,98338612	0,103	0,301
CHR7	3598128	CHR7:3598128	SSF x Near_LoA	-12,5539405	0,052	0,295
CHR7	3605405	CHR7:3605405	SSF x Near_LoA	-8,93131463	0,024	0,320
CHR7	3605485	CHR7:3605485	SSF x Near_LoA	-7,49718437	0,068	0,304
CHR7	3605509	CHR7:3605509	SSF x Near_LoA	-11,0354106	0,010	0,299
CHR7	3605516	CHR7:3605516	SSF x Near_LoA	-10,7319028	0,012	0,317
CHR7	3607218	CHR7:3607218	SSF x Near_LoA	-6,9611917	0,160	0,299
CHR7	3607227	CHR7:3607227	SSF x Near_LoA	-8,32302948	-0,093	0,313
CHR7	3607264	CHR7:3607264	SSF x Near_LoA	-9,92353287	0,044	0,303
CHR7	3607313	CHR7:3607313	SSF x Near_LoA	-9,02151694	0,036	0,312
CHR7	3608367	CHR7:3608367	SSF x Near_LoA	-9,63691672	-0,024	0,307
CHR7	3608398	CHR7:3608398	SSF x Near_LoA	1,26673735	-0,082	0,329
CHR7	3608560	CHR7:3608560	SSF x Near_LoA	-8,59265249	0,057	0,317
CHR7	3614599	CHR7:3614599	SSF x Near_LoA	-9,34233581	0,101	0,307
CHR7	3617403	CHR7:3617403	SSF x Near_LoA	-11,0480533	0,052	0,312
CHR7	3617405	CHR7:3617405	SSF x Near_LoA	-9,9390043	0,121	0,295
CHR7	3627698	CHR7:3627698	SSF x Near_LoA	-4,76815473	-0,013	0,314
CHR7	3641273	CHR7:3641273	SSF x Near_LoA	-9,74263658	-0,035	0,298
CHR7	3653006	CHR7:3653006	SSF x Near_LoA	-10,1393495	0,041	0,308
CHR7	3659225	CHR7:3659225	SSF x Near_LoA	-9,24914061	-0,085	0,308
CHR7	3659243	CHR7:3659243	SSF x Near_LoA	-10,1811387	0,011	0,304
CHR7	3665494	CHR7:3665494	SSF x Near_LoA	-9,06392295	-0,016	0,303
CHR7	3667996	CHR7:3667996	SSF x Near_LoA	-7,75769468	-0,119	0,299
CHR7	3668041	CHR7:3668041	SSF x Near_LoA	-7,31763738	0,109	0,297
CHR7	3668089	CHR7:3668089	SSF x Near_LoA	1,93266945	-0,134	0,303
CHR7	3675669	CHR7:3675669	SSF x Near_LoA	-11,1379683	0,086	0,304
CHR7	3675698	CHR7:3675698	SSF x Near_LoA	-9,78639417	0,051	0,312
CHR7	3675730	CHR7:3675730	SSF x Near_LoA	-9,62407908	0,042	0,304
CHR7	3675750	CHR7:3675750	SSF x Near_LoA	-8,49497406	0,036	0,311
CHR7	3675966	CHR7:3675966	SSF x Near_LoA	-9,21119421	0,061	0,314
CHR7	3675985	CHR7:3675985	SSF x Near_LoA	-8,85604374	0,038	0,306
CHR7	3675993	CHR7:3675993	SSF x Near_LoA	-6,53726726	-0,092	0,302
CHR7	3676014	CHR7:3676014	SSF x Near_LoA	-9,08771189	0,015	0,322
CHR7	3681146	CHR7:3681146	SSF x Near_LoA	-10,6739405	-0,052	0,290
CHR7	3681277	CHR7:3681277	SSF x Near_LoA	-9,71408745	-0,047	0,320
CHR7	3682451	CHR7:3682451	SSF x Near_LoA	-11,5550416	0,072	0,299
CHR7	3682501	CHR7:3682501	SSF x Near_LoA	-8,64757924	0,047	0,304
CHR7	3684576	CHR7:3684576	SSF x Near_LoA	-8,76619301	-0,041	0,314
CHR7	3687265	CHR7:3687265	SSF x Near_LoA	-10,833377	0,015	0,302
CHR7	3687312	CHR7:3687312	SSF x Near_LoA	-10,6188399	0,052	0,293
CHR7	3687502	CHR7:3687502	SSF x Near_LoA	-8,0766231	-0,003	0,315

CHR7	3690730	CHR7:3690730	SSF x Near_LoA	-11,9327924	0,028	0,297
CHR7	3707084	CHR7:3707084	SSF x Near_LoA	-8,7573742	-0,022	0,316
CHR7	3707093	CHR7:3707093	SSF x Near_LoA	-7,26752328	-0,026	0,315
CHR7	3707101	CHR7:3707101	SSF x Near_LoA	-10,0403339	-0,036	0,317
CHR7	3708373	CHR7:3708373	SSF x Near_LoA	-11,0121931	-0,017	0,303
CHR7	3715537	CHR7:3715537	SSF x Near_LoA	-9,30154998	-0,080	0,281
CHR7	3718228	CHR7:3718228	SSF x Near_LoA	-7,80918164	0,063	0,315
CHR7	3718234	CHR7:3718234	SSF x Near_LoA	-8,59072758	0,070	0,302
CHR7	3718237	CHR7:3718237	SSF x Near_LoA	-9,09626099	-0,049	0,308
CHR7	3718252	CHR7:3718252	SSF x Near_LoA	-11,5042591	-0,048	0,303
CHR7	3719158	CHR7:3719158	SSF x Near_LoA	-9,50077586	0,019	0,299
CHR7	3721044	CHR7:3721044	SSF x Near_LoA	-10,6528995	-0,001	0,308
CHR7	3721337	CHR7:3721337	SSF x Near_LoA	-8,16881719	-0,037	0,306
CHR7	3721359	CHR7:3721359	SSF x Near_LoA	-4,19308956	0,025	0,294
CHR7	3726727	CHR7:3726727	SSF x Near_LoA	-11,6371319	-0,040	0,287
CHR7	3740301	CHR7:3740301	SSF x Near_LoA	-8,75557339	-0,051	0,300
CHR7	3740318	CHR7:3740318	SSF x Near_LoA	-9,09327908	-0,013	0,305
CHR7	3740323	CHR7:3740323	SSF x Near_LoA	-7,69189282	0,044	0,312
CHR7	3740363	CHR7:3740363	SSF x Near_LoA	-9,09713301	0,020	0,320
CHR7	3740485	CHR7:3740485	SSF x Near_LoA	-10,9095436	0,057	0,305
CHR7	3740496	CHR7:3740496	SSF x Near_LoA	-9,90793213	0,019	0,313
CHR7	3742284	CHR7:3742284	SSF x Near_LoA	2,83763466	-0,088	0,313
CHR7	3742362	CHR7:3742362	SSF x Near_LoA	-9,23423742	0,058	0,302
CHR7	3742377	CHR7:3742377	SSF x Near_LoA	-10,0308415	0,069	0,306
CHR7	3743758	CHR7:3743758	SSF x Near_LoA	-10,1635944	0,043	0,306
CHR7	3743808	CHR7:3743808	SSF x Near_LoA	-11,0703278	0,001	0,318
CHR7	3759423	CHR7:3759423	SSF x Near_LoA	-7,03097037	0,036	0,328
CHR7	3761048	CHR7:3761048	SSF x Near_LoA	-1,14942652	0,122	0,315
CHR7	3768049	CHR7:3768049	SSF x Near_LoA	-11,4686477	-0,049	0,307
CHR7	3781354	CHR7:3781354	SSF x Near_LoA	-8,53638723	-0,117	0,301
CHR7	3781370	CHR7:3781370	SSF x Near_LoA	-8,10644679	-0,098	0,322
CHR7	3781618	CHR7:3781618	SSF x Near_LoA	-10,1254925	-0,039	0,308
CHR7	3781691	CHR7:3781691	SSF x Near_LoA	-9,63576719	0,027	0,307
CHR7	378685	CHR7:378685	SSF x Near_LoA	-11,0246919	0,005	0,298
CHR7	3786962	CHR7:3786962	SSF x Near_LoA	-8,62829628	-0,165	0,304
CHR7	3786995	CHR7:3786995	SSF x Near_LoA	-5,60959255	-0,172	0,306
CHR7	3787005	CHR7:3787005	SSF x Near_LoA	-12,1451903	0,049	0,303
CHR7	3787108	CHR7:3787108	SSF x Near_LoA	-8,19766685	-0,033	0,317
CHR7	3787109	CHR7:3787109	SSF x Near_LoA	-8,76057911	-0,041	0,323
CHR7	3787123	CHR7:3787123	SSF x Near_LoA	-12,0992985	-0,042	0,311
CHR7	3787137	CHR7:3787137	SSF x Near_LoA	-11,0350699	-0,024	0,311
CHR7	3787163	CHR7:3787163	SSF x Near_LoA	-1,37125207	0,189	0,307
CHR7	3787186	CHR7:3787186	SSF x Near_LoA	-11,8373372	-0,022	0,311
CHR7	378726	CHR7:378726	SSF x Near_LoA	-10,3628537	0,021	0,289
CHR7	378809	CHR7:378809	SSF x Near_LoA	-6,63989006	-0,041	0,300
CHR7	3799727	CHR7:3799727	SSF x Near_LoA	-8,72597408	-0,082	0,300
CHR7	3799878	CHR7:3799878	SSF x Near_LoA	-11,2885367	0,057	0,309
CHR7	3799929	CHR7:3799929	SSF x Near_LoA	-9,4331335	-0,023	0,300
CHR7	3801595	CHR7:3801595	SSF x Near_LoA	-8,62134349	0,052	0,311
CHR7	3801623	CHR7:3801623	SSF x Near_LoA	-8,82969155	0,068	0,304
CHR7	3801624	CHR7:3801624	SSF x Near_LoA	-9,0608033	-0,065	0,304
CHR7	3801670	CHR7:3801670	SSF x Near_LoA	-9,85479003	0,104	0,299
CHR7	3801677	CHR7:3801677	SSF x Near_LoA	-10,6873773	0,095	0,298

CHR7	3801741	CHR7:3801741	SSF x Near_LoA	-7,6270899	-0,022	0,308
CHR7	3801790	CHR7:3801790	SSF x Near_LoA	-12,1687644	0,037	0,304
CHR7	3801813	CHR7:3801813	SSF x Near_LoA	-8,64490455	-0,072	0,301
CHR7	3801846	CHR7:3801846	SSF x Near_LoA	-6,92434905	-0,047	0,320
CHR7	3801857	CHR7:3801857	SSF x Near_LoA	-8,07814594	0,024	0,305
CHR7	3823284	CHR7:3823284	SSF x Near_LoA	-12,1320679	-0,002	0,310
CHR7	3823295	CHR7:3823295	SSF x Near_LoA	-11,0402275	0,007	0,316
CHR7	383536	CHR7:383536	SSF x Near_LoA	-10,8277715	0,023	0,318
CHR7	3835439	CHR7:3835439	SSF x Near_LoA	-9,04119005	0,074	0,313
CHR7	3835447	CHR7:3835447	SSF x Near_LoA	-9,74627464	0,073	0,300
CHR7	3835486	CHR7:3835486	SSF x Near_LoA	-8,60888789	0,016	0,291
CHR7	3835487	CHR7:3835487	SSF x Near_LoA	-8,03488102	-0,053	0,315
CHR7	3835552	CHR7:3835552	SSF x Near_LoA	-10,2086308	0,078	0,310
CHR7	3835566	CHR7:3835566	SSF x Near_LoA	-8,68647646	-0,036	0,314
CHR7	3835580	CHR7:3835580	SSF x Near_LoA	-9,68988534	0,045	0,304
CHR7	3835593	CHR7:3835593	SSF x Near_LoA	-8,5306022	0,020	0,311
CHR7	3835601	CHR7:3835601	SSF x Near_LoA	-9,40506123	-0,056	0,311
CHR7	3835602	CHR7:3835602	SSF x Near_LoA	-10,265294	-0,071	0,315
CHR7	3846687	CHR7:3846687	SSF x Near_LoA	3,00013167	-0,136	0,298
CHR7	3846689	CHR7:3846689	SSF x Near_LoA	-11,2433031	0,035	0,310
CHR7	3846732	CHR7:3846732	SSF x Near_LoA	-10,7133699	-0,027	0,318
CHR7	3846746	CHR7:3846746	SSF x Near_LoA	-8,07480607	-0,038	0,311
CHR7	3846776	CHR7:3846776	SSF x Near_LoA	-8,8813079	0,058	0,295
CHR7	3846794	CHR7:3846794	SSF x Near_LoA	-8,07329007	0,049	0,314
CHR7	3846809	CHR7:3846809	SSF x Near_LoA	-9,31423306	-0,008	0,308
CHR7	3846868	CHR7:3846868	SSF x Near_LoA	-7,44699273	-0,045	0,313
CHR7	3846928	CHR7:3846928	SSF x Near_LoA	-9,95379567	-0,021	0,308
CHR7	3851272	CHR7:3851272	SSF x Near_LoA	-6,7390026	-0,129	0,306
CHR7	3851287	CHR7:3851287	SSF x Near_LoA	-12,087684	0,011	0,298
CHR7	3851293	CHR7:3851293	SSF x Near_LoA	-8,9204046	-0,126	0,307
CHR7	3851306	CHR7:3851306	SSF x Near_LoA	-9,84468937	0,005	0,284
CHR7	3851332	CHR7:3851332	SSF x Near_LoA	-9,12528092	0,062	0,305
CHR7	3851337	CHR7:3851337	SSF x Near_LoA	-9,21492751	-0,115	0,303
CHR7	3851363	CHR7:3851363	SSF x Near_LoA	-8,91513048	-0,002	0,304
CHR7	3851428	CHR7:3851428	SSF x Near_LoA	-9,90666963	-0,001	0,295
CHR7	3851433	CHR7:3851433	SSF x Near_LoA	-11,0890799	0,112	0,297
CHR7	3851439	CHR7:3851439	SSF x Near_LoA	-10,5074033	0,034	0,318
CHR7	3851458	CHR7:3851458	SSF x Near_LoA	-7,0064093	0,097	0,315
CHR7	3851494	CHR7:3851494	SSF x Near_LoA	-11,2519429	-0,002	0,314
CHR7	3854978	CHR7:3854978	SSF x Near_LoA	-10,6316141	-0,084	0,298
CHR7	3854987	CHR7:3854987	SSF x Near_LoA	3,63496189	-0,008	0,322
CHR7	3854995	CHR7:3854995	SSF x Near_LoA	-9,83450551	-0,044	0,315
CHR7	3854997	CHR7:3854997	SSF x Near_LoA	-10,3959987	-0,097	0,297
CHR7	3854998	CHR7:3854998	SSF x Near_LoA	-10,9064547	-0,026	0,310
CHR7	3855035	CHR7:3855035	SSF x Near_LoA	-9,87424286	-0,096	0,305
CHR7	3855097	CHR7:3855097	SSF x Near_LoA	-6,36449495	-0,140	0,301
CHR7	3862546	CHR7:3862546	SSF x Near_LoA	-10,3580908	-0,099	0,305
CHR7	3862574	CHR7:3862574	SSF x Near_LoA	-7,17337131	-0,186	0,288
CHR7	3862684	CHR7:3862684	SSF x Near_LoA	-7,14474308	0,032	0,300
CHR7	3862691	CHR7:3862691	SSF x Near_LoA	-9,69042598	0,101	0,301
CHR7	3862717	CHR7:3862717	SSF x Near_LoA	-9,47640886	0,017	0,307
CHR7	3862740	CHR7:3862740	SSF x Near_LoA	-8,83875015	-0,123	0,291
CHR7	3873993	CHR7:3873993	SSF x Near_LoA	-10,058105	0,107	0,300

CHR7	3875273	CHR7:3875273	SSF x Near_LoA	-7,17421076	0,116	0,301
CHR7	3875355	CHR7:3875355	SSF x Near_LoA	-8,51958169	-0,060	0,313
CHR7	387675	CHR7:387675	SSF x Near_LoA	-11,2740104	0,096	0,297
CHR7	387775	CHR7:387775	SSF x Near_LoA	-10,7649183	0,002	0,316
CHR7	387888	CHR7:387888	SSF x Near_LoA	-8,13029356	0,082	0,298
CHR7	3879877	CHR7:3879877	SSF x Near_LoA	-8,24725274	-0,122	0,304
CHR7	3879981	CHR7:3879981	SSF x Near_LoA	-10,828622	0,027	0,319
CHR7	3879990	CHR7:3879990	SSF x Near_LoA	-8,44091932	0,081	0,314
CHR7	3879992	CHR7:3879992	SSF x Near_LoA	-9,41674045	0,083	0,310
CHR7	3880028	CHR7:3880028	SSF x Near_LoA	-9,34758122	-0,015	0,299
CHR7	3899918	CHR7:3899918	SSF x Near_LoA	-8,61747517	0,083	0,314
CHR7	3901084	CHR7:3901084	SSF x Near_LoA	-10,322657	0,060	0,313
CHR7	3901112	CHR7:3901112	SSF x Near_LoA	-8,20001963	-0,071	0,300
CHR7	3906952	CHR7:3906952	SSF x Near_LoA	-10,0094217	0,001	0,325
CHR7	3906977	CHR7:3906977	SSF x Near_LoA	-8,25250192	-0,054	0,312
CHR7	3912606	CHR7:3912606	SSF x Near_LoA	-8,82629936	-0,003	0,317
CHR7	3912617	CHR7:3912617	SSF x Near_LoA	-9,25893582	-0,021	0,315
CHR7	3912733	CHR7:3912733	SSF x Near_LoA	-7,69705335	0,103	0,315
CHR7	3912740	CHR7:3912740	SSF x Near_LoA	-4,08197898	0,160	0,297
CHR7	3912744	CHR7:3912744	SSF x Near_LoA	-6,21665123	0,110	0,300
CHR7	3912778	CHR7:3912778	SSF x Near_LoA	-9,79510503	0,020	0,293
CHR7	3912784	CHR7:3912784	SSF x Near_LoA	-6,99912666	0,159	0,306
CHR7	391527	CHR7:391527	SSF x Near_LoA	-8,2390504	0,036	0,309
CHR7	391528	CHR7:391528	SSF x Near_LoA	-10,3726754	-0,021	0,290
CHR7	3916690	CHR7:3916690	SSF x Near_LoA	-9,96059992	0,026	0,324
CHR7	3916741	CHR7:3916741	SSF x Near_LoA	-12,1738302	0,005	0,300
CHR7	3919460	CHR7:3919460	SSF x Near_LoA	-7,40123659	-0,131	0,313
CHR7	3919486	CHR7:3919486	SSF x Near_LoA	-4,31012747	0,071	0,313
CHR7	3919521	CHR7:3919521	SSF x Near_LoA	-7,81588883	0,066	0,310
CHR7	3919539	CHR7:3919539	SSF x Near_LoA	-6,22012265	0,130	0,311
CHR7	3920523	CHR7:3920523	SSF x Near_LoA	-10,0015644	0,018	0,311
CHR7	3934739	CHR7:3934739	SSF x Near_LoA	-11,3284213	-0,084	0,297
CHR7	3934782	CHR7:3934782	SSF x Near_LoA	-6,9704265	0,144	0,290
CHR7	3937666	CHR7:3937666	SSF x Near_LoA	-9,32361674	-0,063	0,301
CHR7	3937858	CHR7:3937858	SSF x Near_LoA	-6,26816695	-0,033	0,311
CHR7	3937865	CHR7:3937865	SSF x Near_LoA	-0,54762343	0,016	0,295
CHR7	3937908	CHR7:3937908	SSF x Near_LoA	-11,1054613	0,031	0,300
CHR7	3937954	CHR7:3937954	SSF x Near_LoA	-9,10198748	-0,080	0,297
CHR7	3952576	CHR7:3952576	SSF x Near_LoA	-8,00929699	0,014	0,334
CHR7	3952606	CHR7:3952606	SSF x Near_LoA	-11,6179287	0,011	0,310
CHR7	3953445	CHR7:3953445	SSF x Near_LoA	-10,1844986	0,010	0,312
CHR7	3953473	CHR7:3953473	SSF x Near_LoA	-8,67574075	-0,056	0,312
CHR7	3953511	CHR7:3953511	SSF x Near_LoA	-10,2410079	0,077	0,306
CHR7	3979973	CHR7:3979973	SSF x Near_LoA	-9,0050523	0,043	0,308
CHR7	3979998	CHR7:3979998	SSF x Near_LoA	-10,4348675	-0,027	0,306
CHR7	3980289	CHR7:3980289	SSF x Near_LoA	-9,92798915	-0,036	0,314
CHR7	3996040	CHR7:3996040	SSF x Near_LoA	-9,62562805	0,058	0,318
CHR7	3996083	CHR7:3996083	SSF x Near_LoA	-9,3574497	0,030	0,316
CHR7	3998664	CHR7:3998664	SSF x Near_LoA	-10,8129624	-0,072	0,305
CHR7	4011629	CHR7:4011629	SSF x Near_LoA	-9,66930958	0,084	0,314
CHR7	4011657	CHR7:4011657	SSF x Near_LoA	-6,93233491	0,185	0,287
CHR7	4011687	CHR7:4011687	SSF x Near_LoA	-9,08981054	0,032	0,313
CHR7	4020106	CHR7:4020106	SSF x Near_LoA	-8,29553187	0,152	0,291

CHR7	4020167	CHR7:4020167	SSF x Near_LoA	-7,61701067	0,008	0,308
CHR7	4020177	CHR7:4020177	SSF x Near_LoA	-9,06489057	-0,069	0,300
CHR7	4023777	CHR7:4023777	SSF x Near_LoA	-10,9119481	0,016	0,301
CHR7	4023782	CHR7:4023782	SSF x Near_LoA	-10,2277295	-0,042	0,317
CHR7	4023788	CHR7:4023788	SSF x Near_LoA	-4,43012479	0,136	0,315
CHR7	402546	CHR7:402546	SSF x Near_LoA	-3,57899807	-0,127	0,323
CHR7	402656	CHR7:402656	SSF x Near_LoA	-8,91296025	0,018	0,295
CHR7	402779	CHR7:402779	SSF x Near_LoA	-9,66735002	0,040	0,304
CHR7	4029736	CHR7:4029736	SSF x Near_LoA	-6,03919568	-0,058	0,310
CHR7	4029764	CHR7:4029764	SSF x Near_LoA	-12,3256936	-0,014	0,309
CHR7	4029772	CHR7:4029772	SSF x Near_LoA	-10,6161958	0,059	0,319
CHR7	4029811	CHR7:4029811	SSF x Near_LoA	-11,8394579	0,040	0,306
CHR7	4029828	CHR7:4029828	SSF x Near_LoA	-8,25281615	0,039	0,305
CHR7	4029835	CHR7:4029835	SSF x Near_LoA	-9,80008547	-0,019	0,294
CHR7	4033481	CHR7:4033481	SSF x Near_LoA	-7,89516428	-0,177	0,306
CHR7	4033586	CHR7:4033586	SSF x Near_LoA	-9,03839771	-0,046	0,296
CHR7	4033612	CHR7:4033612	SSF x Near_LoA	-8,6911475	-0,055	0,319
CHR7	4033630	CHR7:4033630	SSF x Near_LoA	-8,9272351	0,064	0,304
CHR7	4033631	CHR7:4033631	SSF x Near_LoA	-10,3459622	-0,013	0,306
CHR7	4033655	CHR7:4033655	SSF x Near_LoA	-9,84871979	-0,029	0,302
CHR7	4039210	CHR7:4039210	SSF x Near_LoA	-11,7505685	-0,044	0,302
CHR7	4039222	CHR7:4039222	SSF x Near_LoA	-11,2420576	-0,075	0,303
CHR7	4039323	CHR7:4039323	SSF x Near_LoA	-10,5681966	-0,082	0,306
CHR7	4039350	CHR7:4039350	SSF x Near_LoA	-9,18054842	0,079	0,313
CHR7	4039364	CHR7:4039364	SSF x Near_LoA	-11,2506725	-0,039	0,312
CHR7	4048303	CHR7:4048303	SSF x Near_LoA	-6,44347323	0,086	0,305
CHR7	4048322	CHR7:4048322	SSF x Near_LoA	-6,78287452	-0,157	0,300
CHR7	4048342	CHR7:4048342	SSF x Near_LoA	-9,03877247	-0,085	0,294
CHR7	4050690	CHR7:4050690	SSF x Near_LoA	-10,1276848	0,098	0,308
CHR7	4058361	CHR7:4058361	SSF x Near_LoA	-9,78555445	-0,017	0,315
CHR7	4058363	CHR7:4058363	SSF x Near_LoA	-10,0753215	-0,034	0,315
CHR7	4058639	CHR7:4058639	SSF x Near_LoA	-7,17345816	-0,123	0,309
CHR7	4058662	CHR7:4058662	SSF x Near_LoA	-8,23483808	-0,095	0,294
CHR7	4058664	CHR7:4058664	SSF x Near_LoA	-8,40406349	-0,055	0,301
CHR7	4063247	CHR7:4063247	SSF x Near_LoA	-10,8934658	0,028	0,316
CHR7	4063249	CHR7:4063249	SSF x Near_LoA	-6,54750688	-0,027	0,303
CHR7	4063381	CHR7:4063381	SSF x Near_LoA	-8,7688123	0,072	0,313
CHR7	4063428	CHR7:4063428	SSF x Near_LoA	-10,0934785	-0,036	0,300
CHR7	4063437	CHR7:4063437	SSF x Near_LoA	-6,31907579	-0,135	0,317
CHR7	4063460	CHR7:4063460	SSF x Near_LoA	-8,78958298	-0,099	0,316
CHR7	4065225	CHR7:4065225	SSF x Near_LoA	-7,87060287	0,137	0,295
CHR7	4067848	CHR7:4067848	SSF x Near_LoA	-7,90147037	-0,071	0,318
CHR7	4069039	CHR7:4069039	SSF x Near_LoA	-8,55927578	-0,061	0,312
CHR7	4069055	CHR7:4069055	SSF x Near_LoA	-10,6506465	-0,013	0,313
CHR7	4069062	CHR7:4069062	SSF x Near_LoA	-7,74658719	0,129	0,316
CHR7	4069111	CHR7:4069111	SSF x Near_LoA	-9,95637493	0,022	0,307
CHR7	4069121	CHR7:4069121	SSF x Near_LoA	-9,25185621	0,039	0,314
CHR7	4069122	CHR7:4069122	SSF x Near_LoA	-9,83059993	-0,014	0,308
CHR7	4069179	CHR7:4069179	SSF x Near_LoA	-9,78641478	0,067	0,296
CHR7	4069225	CHR7:4069225	SSF x Near_LoA	-8,99618094	0,052	0,312
CHR7	4069228	CHR7:4069228	SSF x Near_LoA	-11,1676497	-0,055	0,304
CHR7	4069229	CHR7:4069229	SSF x Near_LoA	-9,41893318	0,168	0,297
CHR7	4069232	CHR7:4069232	SSF x Near_LoA	-8,8270257	0,085	0,303

CHR7	4069238	CHR7:4069238	SSF x Near_LoA	-10,0286582	-0,068	0,317
CHR7	4069247	CHR7:4069247	SSF x Near_LoA	-6,40563705	0,112	0,301
CHR7	4074441	CHR7:4074441	SSF x Near_LoA	-9,38504847	0,070	0,301
CHR7	4074444	CHR7:4074444	SSF x Near_LoA	-11,1607001	-0,031	0,304
CHR7	4077836	CHR7:4077836	SSF x Near_LoA	-9,11794823	0,072	0,312
CHR7	4077889	CHR7:4077889	SSF x Near_LoA	-8,86769593	-0,095	0,303
CHR7	4077896	CHR7:4077896	SSF x Near_LoA	-11,5127484	0,086	0,297
CHR7	4077906	CHR7:4077906	SSF x Near_LoA	-11,762414	0,082	0,303
CHR7	4077936	CHR7:4077936	SSF x Near_LoA	-10,6152854	0,057	0,308
CHR7	4077949	CHR7:4077949	SSF x Near_LoA	-8,41030345	-0,070	0,299
CHR7	4084805	CHR7:4084805	SSF x Near_LoA	-11,0248655	0,001	0,309
CHR7	4084825	CHR7:4084825	SSF x Near_LoA	-11,0088038	-0,017	0,304
CHR7	4084896	CHR7:4084896	SSF x Near_LoA	-9,98453147	0,023	0,323
CHR7	4084979	CHR7:4084979	SSF x Near_LoA	-8,67663432	0,026	0,310
CHR7	4085041	CHR7:4085041	SSF x Near_LoA	-7,53102503	0,126	0,299
CHR7	4085110	CHR7:4085110	SSF x Near_LoA	-7,12462887	-0,055	0,304
CHR7	4085126	CHR7:4085126	SSF x Near_LoA	-8,87240377	0,011	0,301
CHR7	4085129	CHR7:4085129	SSF x Near_LoA	-4,50329964	0,175	0,305
CHR7	4089240	CHR7:4089240	SSF x Near_LoA	-9,81039423	0,057	0,301
CHR7	4089257	CHR7:4089257	SSF x Near_LoA	11,7728143	0,019	0,320
CHR7	4089291	CHR7:4089291	SSF x Near_LoA	-10,0151493	0,055	0,308
CHR7	4089337	CHR7:4089337	SSF x Near_LoA	-8,22366294	0,087	0,291
CHR7	4095649	CHR7:4095649	SSF x Near_LoA	-9,69421558	0,007	0,304
CHR7	4095654	CHR7:4095654	SSF x Near_LoA	-8,65726075	-0,057	0,306
CHR7	4095769	CHR7:4095769	SSF x Near_LoA	-10,2430067	0,032	0,313
CHR7	4107431	CHR7:4107431	SSF x Near_LoA	-9,13328635	-0,134	0,310
CHR7	4107451	CHR7:4107451	SSF x Near_LoA	-10,6447964	0,064	0,306
CHR7	4107501	CHR7:4107501	SSF x Near_LoA	-9,87291222	0,093	0,310
CHR7	4107595	CHR7:4107595	SSF x Near_LoA	-12,3444446	-0,035	0,302
CHR7	4113968	CHR7:4113968	SSF x Near_LoA	-10,0639609	-0,025	0,319
CHR7	4114038	CHR7:4114038	SSF x Near_LoA	-8,16508077	0,016	0,314
CHR7	4115719	CHR7:4115719	SSF x Near_LoA	-10,4161631	-0,087	0,309
CHR7	4115731	CHR7:4115731	SSF x Near_LoA	-11,3153769	-0,041	0,309
CHR7	4115775	CHR7:4115775	SSF x Near_LoA	-9,89543648	-0,021	0,312
CHR7	4115967	CHR7:4115967	SSF x Near_LoA	-11,4973704	-0,010	0,310
CHR7	4132703	CHR7:4132703	SSF x Near_LoA	-9,66103444	0,078	0,309
CHR7	4132729	CHR7:4132729	SSF x Near_LoA	-8,66154301	0,037	0,306
CHR7	4132906	CHR7:4132906	SSF x Near_LoA	-5,74141069	0,004	0,310
CHR7	413895	CHR7:413895	SSF x Near_LoA	-9,02842865	-0,010	0,309
CHR7	4139536	CHR7:4139536	SSF x Near_LoA	-8,44258586	-0,071	0,298
CHR7	4139640	CHR7:4139640	SSF x Near_LoA	-8,14877593	0,057	0,323
CHR7	4141681	CHR7:4141681	SSF x Near_LoA	-10,3140582	0,099	0,306
CHR7	4141691	CHR7:4141691	SSF x Near_LoA	-7,98501617	-0,134	0,298
CHR7	4141748	CHR7:4141748	SSF x Near_LoA	-8,9771916	-0,053	0,307
CHR7	4144546	CHR7:4144546	SSF x Near_LoA	-10,7616611	0,060	0,311
CHR7	4146591	CHR7:4146591	SSF x Near_LoA	-7,02028633	0,033	0,299
CHR7	4146601	CHR7:4146601	SSF x Near_LoA	-7,10660986	-0,006	0,309
CHR7	4146605	CHR7:4146605	SSF x Near_LoA	-6,45004482	0,037	0,305
CHR7	4146612	CHR7:4146612	SSF x Near_LoA	-8,61930864	0,025	0,308
CHR7	4146639	CHR7:4146639	SSF x Near_LoA	-3,28858045	-0,006	0,315
CHR7	4146645	CHR7:4146645	SSF x Near_LoA	-8,64812136	0,028	0,314
CHR7	4146676	CHR7:4146676	SSF x Near_LoA	-9,65981558	0,042	0,306
CHR7	4146741	CHR7:4146741	SSF x Near_LoA	-11,1931801	0,013	0,311

CHR7	4149139	CHR7:4149139	SSF x Near_LoA	-9,3863737	0,107	0,289
CHR7	4149140	CHR7:4149140	SSF x Near_LoA	-7,1823699	0,084	0,301
CHR7	4149160	CHR7:4149160	SSF x Near_LoA	-10,2890546	0,052	0,307
CHR7	4149182	CHR7:4149182	SSF x Near_LoA	-7,70064735	-0,027	0,307
CHR7	4149183	CHR7:4149183	SSF x Near_LoA	-8,87851271	0,015	0,316
CHR7	4149199	CHR7:4149199	SSF x Near_LoA	-9,73683327	-0,002	0,293
CHR7	4149241	CHR7:4149241	SSF x Near_LoA	-5,47517718	-0,013	0,294
CHR7	4149247	CHR7:4149247	SSF x Near_LoA	-9,77157023	-0,020	0,319
CHR7	4149254	CHR7:4149254	SSF x Near_LoA	-9,53102053	0,025	0,322
CHR7	4153787	CHR7:4153787	SSF x Near_LoA	-9,1056091	0,023	0,308
CHR7	4155479	CHR7:4155479	SSF x Near_LoA	-11,7535545	-0,059	0,307
CHR7	4155545	CHR7:4155545	SSF x Near_LoA	-12,0606653	0,029	0,299
CHR7	4155584	CHR7:4155584	SSF x Near_LoA	-8,42639941	-0,094	0,289
CHR7	416254	CHR7:416254	SSF x Near_LoA	-7,66053982	0,060	0,302
CHR7	4166235	CHR7:4166235	SSF x Near_LoA	-7,65036714	0,070	0,302
CHR7	4166236	CHR7:4166236	SSF x Near_LoA	-8,50067867	0,051	0,315
CHR7	4166244	CHR7:4166244	SSF x Near_LoA	-11,4208225	0,048	0,306
CHR7	4166284	CHR7:4166284	SSF x Near_LoA	-8,43392344	-0,048	0,303
CHR7	4166330	CHR7:4166330	SSF x Near_LoA	-9,74162117	0,026	0,314
CHR7	4179748	CHR7:4179748	SSF x Near_LoA	-9,13283586	-0,002	0,307
CHR7	4179768	CHR7:4179768	SSF x Near_LoA	-9,46847062	-0,069	0,299
CHR7	4183582	CHR7:4183582	SSF x Near_LoA	-9,30708202	0,027	0,314
CHR7	4183648	CHR7:4183648	SSF x Near_LoA	-8,42456724	0,061	0,304
CHR7	418680	CHR7:418680	SSF x Near_LoA	-9,97672566	0,052	0,308
CHR7	4188933	CHR7:4188933	SSF x Near_LoA	-5,68591015	-0,128	0,322
CHR7	4199813	CHR7:4199813	SSF x Near_LoA	-7,45622908	-0,081	0,308
CHR7	4200076	CHR7:4200076	SSF x Near_LoA	-5,49780834	-0,093	0,306
CHR7	4209669	CHR7:4209669	SSF x Near_LoA	-6,50217045	0,162	0,305
CHR7	4209704	CHR7:4209704	SSF x Near_LoA	-7,56786251	-0,191	0,289
CHR7	4209754	CHR7:4209754	SSF x Near_LoA	-10,1131128	0,040	0,302
CHR7	4224058	CHR7:4224058	SSF x Near_LoA	-10,0416039	-0,050	0,294
CHR7	4224093	CHR7:4224093	SSF x Near_LoA	-9,15024805	-0,030	0,303
CHR7	4224108	CHR7:4224108	SSF x Near_LoA	-8,71787736	-0,104	0,312
CHR7	4224119	CHR7:4224119	SSF x Near_LoA	-9,95515196	0,059	0,308
CHR7	4224134	CHR7:4224134	SSF x Near_LoA	-10,3160819	0,087	0,309
CHR7	4224147	CHR7:4224147	SSF x Near_LoA	-11,0701638	-0,025	0,299
CHR7	4224172	CHR7:4224172	SSF x Near_LoA	-10,2744834	0,049	0,311
CHR7	4224178	CHR7:4224178	SSF x Near_LoA	-7,97167739	0,103	0,319
CHR7	4224230	CHR7:4224230	SSF x Near_LoA	-11,7592806	-0,010	0,302
CHR7	4224279	CHR7:4224279	SSF x Near_LoA	-10,8978397	0,023	0,301
CHR7	4237116	CHR7:4237116	SSF x Near_LoA	-9,44028224	-0,099	0,307
CHR7	4237122	CHR7:4237122	SSF x Near_LoA	-9,55711499	0,063	0,325
CHR7	4237152	CHR7:4237152	SSF x Near_LoA	-8,79403893	-0,056	0,300
CHR7	4237209	CHR7:4237209	SSF x Near_LoA	-9,09117418	0,023	0,311
CHR7	4237213	CHR7:4237213	SSF x Near_LoA	-8,50957091	-0,012	0,311
CHR7	4237222	CHR7:4237222	SSF x Near_LoA	-7,75156976	-0,072	0,305
CHR7	4237229	CHR7:4237229	SSF x Near_LoA	-4,00298518	-0,004	0,301
CHR7	4237237	CHR7:4237237	SSF x Near_LoA	-6,18663315	0,008	0,318
CHR7	4237255	CHR7:4237255	SSF x Near_LoA	-11,9202351	0,027	0,306
CHR7	4257552	CHR7:4257552	SSF x Near_LoA	-8,7226577	0,021	0,312
CHR7	4257671	CHR7:4257671	SSF x Near_LoA	-7,9275865	-0,021	0,316
CHR7	4275500	CHR7:4275500	SSF x Near_LoA	-10,003328	-0,089	0,310
CHR7	4281624	CHR7:4281624	SSF x Near_LoA	-6,40809597	0,193	0,302

CHR7	4281644	CHR7:4281644	SSF x Near_LoA	-8,64562844	0,036	0,315
CHR7	4281657	CHR7:4281657	SSF x Near_LoA	-11,0378397	-0,002	0,299
CHR7	4281682	CHR7:4281682	SSF x Near_LoA	-11,1212745	-0,041	0,316
CHR7	4281821	CHR7:4281821	SSF x Near_LoA	-10,7605876	-0,050	0,316
CHR7	4281844	CHR7:4281844	SSF x Near_LoA	1,75847949	-0,037	0,318
CHR7	4281910	CHR7:4281910	SSF x Near_LoA	-9,5384341	-0,025	0,310
CHR7	4289607	CHR7:4289607	SSF x Near_LoA	-8,49850952	0,086	0,307
CHR7	4289761	CHR7:4289761	SSF x Near_LoA	-0,76715151	-0,132	0,306
CHR7	4295360	CHR7:4295360	SSF x Near_LoA	-9,8792648	0,057	0,310
CHR7	4295378	CHR7:4295378	SSF x Near_LoA	-7,35437663	-0,140	0,300
CHR7	4298116	CHR7:4298116	SSF x Near_LoA	-6,50618291	-0,132	0,289
CHR7	4306484	CHR7:4306484	SSF x Near_LoA	-8,23568796	0,044	0,305
CHR7	4306521	CHR7:4306521	SSF x Near_LoA	-9,39045127	0,054	0,316
CHR7	4306530	CHR7:4306530	SSF x Near_LoA	-10,922852	0,011	0,310
CHR7	4325603	CHR7:4325603	SSF x Near_LoA	-8,39818527	-0,143	0,307
CHR7	4325701	CHR7:4325701	SSF x Near_LoA	-10,2841087	-0,001	0,306
CHR7	4334687	CHR7:4334687	SSF x Near_LoA	-7,36607123	0,017	0,324
CHR7	4334714	CHR7:4334714	SSF x Near_LoA	-9,33329857	-0,083	0,300
CHR7	4334724	CHR7:4334724	SSF x Near_LoA	-9,93253137	-0,047	0,304
CHR7	4334736	CHR7:4334736	SSF x Near_LoA	-9,5819388	-0,045	0,309
CHR7	4334774	CHR7:4334774	SSF x Near_LoA	-8,9685652	0,065	0,317
CHR7	4334780	CHR7:4334780	SSF x Near_LoA	-9,14026963	0,008	0,314
CHR7	4334781	CHR7:4334781	SSF x Near_LoA	-11,3659911	-0,001	0,313
CHR7	4345750	CHR7:4345750	SSF x Near_LoA	-8,94008144	0,076	0,307
CHR7	4345850	CHR7:4345850	SSF x Near_LoA	-9,19395664	0,015	0,307
CHR7	4365179	CHR7:4365179	SSF x Near_LoA	-10,1273289	0,101	0,305
CHR7	4365478	CHR7:4365478	SSF x Near_LoA	-10,7067548	0,058	0,308
CHR7	4365519	CHR7:4365519	SSF x Near_LoA	2,68946387	0,169	0,295
CHR7	4365530	CHR7:4365530	SSF x Near_LoA	-10,5908024	-0,007	0,321
CHR7	4365561	CHR7:4365561	SSF x Near_LoA	-8,93258512	-0,049	0,303
CHR7	4378541	CHR7:4378541	SSF x Near_LoA	-7,9842214	0,025	0,316
CHR7	4379411	CHR7:4379411	SSF x Near_LoA	-10,6269873	-0,035	0,291
CHR7	4386375	CHR7:4386375	SSF x Near_LoA	-10,6164007	0,038	0,321
CHR7	4388042	CHR7:4388042	SSF x Near_LoA	-7,18626799	0,081	0,300
CHR7	4388055	CHR7:4388055	SSF x Near_LoA	-9,69309683	-0,073	0,323
CHR7	4388062	CHR7:4388062	SSF x Near_LoA	-9,99145878	0,023	0,324
CHR7	4388112	CHR7:4388112	SSF x Near_LoA	-11,2570782	0,009	0,296
CHR7	4388245	CHR7:4388245	SSF x Near_LoA	-9,98530085	0,054	0,321
CHR7	4388293	CHR7:4388293	SSF x Near_LoA	-9,87325654	0,032	0,294
CHR7	4401286	CHR7:4401286	SSF x Near_LoA	-7,77621963	-0,121	0,310
CHR7	4415823	CHR7:4415823	SSF x Near_LoA	-7,94837009	0,018	0,303
CHR7	4415913	CHR7:4415913	SSF x Near_LoA	-12,2099679	-0,008	0,288
CHR7	4415924	CHR7:4415924	SSF x Near_LoA	-9,22246188	-0,027	0,308
CHR7	4415933	CHR7:4415933	SSF x Near_LoA	-10,4620683	-0,029	0,302
CHR7	4416013	CHR7:4416013	SSF x Near_LoA	-10,6171679	0,007	0,320
CHR7	4421967	CHR7:4421967	SSF x Near_LoA	-9,52761746	-0,079	0,299
CHR7	4422043	CHR7:4422043	SSF x Near_LoA	-7,18517106	-0,014	0,306
CHR7	4422124	CHR7:4422124	SSF x Near_LoA	-6,84873029	-0,054	0,301
CHR7	4422147	CHR7:4422147	SSF x Near_LoA	-8,51430826	0,055	0,293
CHR7	4425869	CHR7:4425869	SSF x Near_LoA	-9,65953403	-0,001	0,300
CHR7	4425886	CHR7:4425886	SSF x Near_LoA	-10,4273551	-0,003	0,316
CHR7	4425910	CHR7:4425910	SSF x Near_LoA	-6,38230524	0,096	0,314
CHR7	4425941	CHR7:4425941	SSF x Near_LoA	-9,67628491	0,029	0,308

CHR7	4426038	CHR7:4426038	SSF x Near_LoA	-6,96034103	-0,021	0,307
CHR7	4426054	CHR7:4426054	SSF x Near_LoA	-9,27217207	-0,119	0,299
CHR7	4426065	CHR7:4426065	SSF x Near_LoA	-7,82832893	-0,034	0,308
CHR7	4426070	CHR7:4426070	SSF x Near_LoA	-8,31799982	0,037	0,309
CHR7	4426109	CHR7:4426109	SSF x Near_LoA	-10,0605965	-0,006	0,316
CHR7	4427920	CHR7:4427920	SSF x Near_LoA	-10,2155353	-0,027	0,309
CHR7	443024	CHR7:443024	SSF x Near_LoA	-7,90768747	-0,083	0,303
CHR7	4431026	CHR7:4431026	SSF x Near_LoA	-6,4507851	-0,161	0,299
CHR7	4431033	CHR7:4431033	SSF x Near_LoA	-8,5338402	-0,030	0,312
CHR7	4431056	CHR7:4431056	SSF x Near_LoA	-7,86283998	-0,013	0,315
CHR7	4431060	CHR7:4431060	SSF x Near_LoA	-8,53902576	-0,187	0,305
CHR7	4431200	CHR7:4431200	SSF x Near_LoA	-9,24529538	-0,082	0,298
CHR7	443124	CHR7:443124	SSF x Near_LoA	-9,56196851	-0,006	0,305
CHR7	443134	CHR7:443134	SSF x Near_LoA	-10,4087603	0,089	0,303
CHR7	443138	CHR7:443138	SSF x Near_LoA	-6,94560328	0,009	0,305
CHR7	443185	CHR7:443185	SSF x Near_LoA	-9,89075975	-0,148	0,306
CHR7	443216	CHR7:443216	SSF x Near_LoA	-9,40437528	0,064	0,320
CHR7	4435063	CHR7:4435063	SSF x Near_LoA	-10,0300555	0,042	0,318
CHR7	4435077	CHR7:4435077	SSF x Near_LoA	-11,5809817	0,038	0,306
CHR7	4435099	CHR7:4435099	SSF x Near_LoA	-9,37223695	-0,048	0,316
CHR7	4437980	CHR7:4437980	SSF x Near_LoA	-9,96428938	-0,074	0,328
CHR7	4441803	CHR7:4441803	SSF x Near_LoA	-9,37760423	0,050	0,317
CHR7	4445800	CHR7:4445800	SSF x Near_LoA	-5,12305634	-0,119	0,306
CHR7	4445821	CHR7:4445821	SSF x Near_LoA	-8,59747851	0,026	0,314
CHR7	4453929	CHR7:4453929	SSF x Near_LoA	-11,9754808	0,029	0,305
CHR7	4453969	CHR7:4453969	SSF x Near_LoA	-9,08887945	0,033	0,306
CHR7	4453971	CHR7:4453971	SSF x Near_LoA	-8,89413652	-0,043	0,296
CHR7	4454019	CHR7:4454019	SSF x Near_LoA	-7,1012601	-0,075	0,309
CHR7	4454037	CHR7:4454037	SSF x Near_LoA	-10,6276184	-0,032	0,305
CHR7	4454062	CHR7:4454062	SSF x Near_LoA	-7,43689832	-0,027	0,309
CHR7	4459129	CHR7:4459129	SSF x Near_LoA	-8,54864123	0,043	0,294
CHR7	4459173	CHR7:4459173	SSF x Near_LoA	-11,2984934	0,016	0,313
CHR7	4459181	CHR7:4459181	SSF x Near_LoA	-6,78947685	0,023	0,305
CHR7	4459215	CHR7:4459215	SSF x Near_LoA	-10,1059338	-0,131	0,298
CHR7	4459477	CHR7:4459477	SSF x Near_LoA	-7,5585617	0,075	0,321
CHR7	4459494	CHR7:4459494	SSF x Near_LoA	-4,45845218	-0,181	0,301
CHR7	4459495	CHR7:4459495	SSF x Near_LoA	-7,48304047	-0,177	0,301
CHR7	4459499	CHR7:4459499	SSF x Near_LoA	-11,764677	0,006	0,310
CHR7	4459524	CHR7:4459524	SSF x Near_LoA	-10,8951861	0,015	0,312
CHR7	4459569	CHR7:4459569	SSF x Near_LoA	-9,59747747	0,067	0,306
CHR7	4462135	CHR7:4462135	SSF x Near_LoA	-9,49163061	-0,087	0,310
CHR7	446802	CHR7:446802	SSF x Near_LoA	-11,3566714	0,044	0,304
CHR7	446879	CHR7:446879	SSF x Near_LoA	-9,28590683	-0,118	0,306
CHR7	447061	CHR7:447061	SSF x Near_LoA	-9,78226181	0,008	0,303
CHR7	4473873	CHR7:4473873	SSF x Near_LoA	-9,85022123	0,107	0,301
CHR7	4473891	CHR7:4473891	SSF x Near_LoA	-10,2800826	-0,034	0,314
CHR7	4473899	CHR7:4473899	SSF x Near_LoA	-9,34429731	-0,046	0,316
CHR7	4473945	CHR7:4473945	SSF x Near_LoA	-10,1640042	0,048	0,315
CHR7	4478124	CHR7:4478124	SSF x Near_LoA	-4,19113988	-0,226	0,297
CHR7	4478219	CHR7:4478219	SSF x Near_LoA	-11,2776126	-0,025	0,306
CHR7	4483567	CHR7:4483567	SSF x Near_LoA	-9,72771641	0,055	0,312
CHR7	4483737	CHR7:4483737	SSF x Near_LoA	-9,22582376	-0,047	0,308
CHR7	4483741	CHR7:4483741	SSF x Near_LoA	-6,36065119	-0,055	0,314

CHR7	4483760	CHR7:4483760	SSF x Near_LoA	-6,51409592	-0,126	0,305
CHR7	4483771	CHR7:4483771	SSF x Near_LoA	-10,1127727	0,124	0,304
CHR7	4483783	CHR7:4483783	SSF x Near_LoA	-10,009769	0,148	0,296
CHR7	4499445	CHR7:4499445	SSF x Near_LoA	-9,35832253	-0,056	0,318
CHR7	4499458	CHR7:4499458	SSF x Near_LoA	-9,97916787	-0,082	0,312
CHR7	4501460	CHR7:4501460	SSF x Near_LoA	-5,75610335	0,067	0,310
CHR7	4501518	CHR7:4501518	SSF x Near_LoA	0,32474238	0,112	0,302
CHR7	4502140	CHR7:4502140	SSF x Near_LoA	-8,3503013	0,130	0,307
CHR7	4505031	CHR7:4505031	SSF x Near_LoA	-8,4237082	-0,040	0,300
CHR7	4505069	CHR7:4505069	SSF x Near_LoA	-10,7029773	-0,097	0,298
CHR7	4505145	CHR7:4505145	SSF x Near_LoA	-7,65577204	-0,031	0,314
CHR7	4505242	CHR7:4505242	SSF x Near_LoA	-6,88217606	0,096	0,314
CHR7	451165	CHR7:451165	SSF x Near_LoA	-11,0447223	-0,037	0,307
CHR7	451326	CHR7:451326	SSF x Near_LoA	-10,7053945	-0,011	0,307
CHR7	4527174	CHR7:4527174	SSF x Near_LoA	-8,69333123	-0,026	0,313
CHR7	4547216	CHR7:4547216	SSF x Near_LoA	-8,10439165	-0,134	0,302
CHR7	4547274	CHR7:4547274	SSF x Near_LoA	-11,0061308	0,004	0,303
CHR7	4551140	CHR7:4551140	SSF x Near_LoA	-9,65499145	0,057	0,308
CHR7	4551151	CHR7:4551151	SSF x Near_LoA	-9,03312037	0,029	0,310
CHR7	4553621	CHR7:4553621	SSF x Near_LoA	-9,76954745	0,071	0,311
CHR7	4553632	CHR7:4553632	SSF x Near_LoA	-9,33750924	0,079	0,322
CHR7	4553662	CHR7:4553662	SSF x Near_LoA	-7,50500251	0,067	0,325
CHR7	4557297	CHR7:4557297	SSF x Near_LoA	-6,03489548	0,061	0,332
CHR7	4557310	CHR7:4557310	SSF x Near_LoA	-7,70480904	-0,097	0,306
CHR7	4557315	CHR7:4557315	SSF x Near_LoA	-6,600493	-0,136	0,306
CHR7	4557317	CHR7:4557317	SSF x Near_LoA	-8,81050345	-0,104	0,300
CHR7	4557335	CHR7:4557335	SSF x Near_LoA	-8,78151514	-0,134	0,293
CHR7	4557358	CHR7:4557358	SSF x Near_LoA	-7,3816756	0,049	0,323
CHR7	4557359	CHR7:4557359	SSF x Near_LoA	-5,01596376	-0,081	0,320
CHR7	4557363	CHR7:4557363	SSF x Near_LoA	-7,40549767	-0,113	0,304
CHR7	4557370	CHR7:4557370	SSF x Near_LoA	-11,2691946	0,042	0,308
CHR7	4557716	CHR7:4557716	SSF x Near_LoA	-10,539577	0,004	0,320
CHR7	4557723	CHR7:4557723	SSF x Near_LoA	-10,4722425	0,010	0,296
CHR7	4557742	CHR7:4557742	SSF x Near_LoA	-6,95424952	-0,039	0,316
CHR7	4557744	CHR7:4557744	SSF x Near_LoA	-9,38840693	-0,018	0,306
CHR7	4557782	CHR7:4557782	SSF x Near_LoA	-9,37619314	0,021	0,327
CHR7	4557790	CHR7:4557790	SSF x Near_LoA	-9,27153593	-0,028	0,326
CHR7	4563917	CHR7:4563917	SSF x Near_LoA	-11,4899437	0,039	0,299
CHR7	4564028	CHR7:4564028	SSF x Near_LoA	-8,46286996	0,102	0,305
CHR7	4564043	CHR7:4564043	SSF x Near_LoA	-11,3036413	0,017	0,305
CHR7	4564247	CHR7:4564247	SSF x Near_LoA	-7,69815895	-0,112	0,310
CHR7	4564319	CHR7:4564319	SSF x Near_LoA	-7,90481161	-0,039	0,310
CHR7	4564336	CHR7:4564336	SSF x Near_LoA	-9,13778628	0,038	0,302
CHR7	4603047	CHR7:4603047	SSF x Near_LoA	-11,1811373	-0,015	0,304
CHR7	4603051	CHR7:4603051	SSF x Near_LoA	-11,3244455	-0,013	0,302
CHR7	4605126	CHR7:4605126	SSF x Near_LoA	-9,19002385	-0,132	0,313
CHR7	4605132	CHR7:4605132	SSF x Near_LoA	-8,89536813	-0,147	0,301
CHR7	4605168	CHR7:4605168	SSF x Near_LoA	-8,77859528	0,035	0,309
CHR7	4607536	CHR7:4607536	SSF x Near_LoA	-10,3187854	0,029	0,318
CHR7	4634205	CHR7:4634205	SSF x Near_LoA	-10,6555162	0,012	0,315
CHR7	4634301	CHR7:4634301	SSF x Near_LoA	-3,86288589	0,229	0,301
CHR7	4635709	CHR7:4635709	SSF x Near_LoA	-6,85120746	0,069	0,327
CHR7	4637038	CHR7:4637038	SSF x Near_LoA	-10,6029943	0,097	0,303

CHR7	4637164	CHR7:4637164	SSF x Near_LoA	-4,50449502	-0,153	0,317
CHR7	4637191	CHR7:4637191	SSF x Near_LoA	-10,6740503	-0,029	0,307
CHR7	4637200	CHR7:4637200	SSF x Near_LoA	-9,61878581	0,077	0,315
CHR7	4640472	CHR7:4640472	SSF x Near_LoA	-7,16648395	-0,031	0,299
CHR7	4640541	CHR7:4640541	SSF x Near_LoA	-11,1259963	0,048	0,304
CHR7	4650554	CHR7:4650554	SSF x Near_LoA	-3,73681203	-0,142	0,322
CHR7	4657007	CHR7:4657007	SSF x Near_LoA	-10,6994453	0,015	0,312
CHR7	4660119	CHR7:4660119	SSF x Near_LoA	-8,31904459	0,007	0,325
CHR7	4660121	CHR7:4660121	SSF x Near_LoA	-9,79570532	0,046	0,305
CHR7	4660214	CHR7:4660214	SSF x Near_LoA	-9,54523166	0,049	0,320
CHR7	4660222	CHR7:4660222	SSF x Near_LoA	-8,93701639	0,042	0,311
CHR7	4667008	CHR7:4667008	SSF x Near_LoA	-9,22495573	-0,017	0,303
CHR7	4667047	CHR7:4667047	SSF x Near_LoA	-8,84477226	0,025	0,318
CHR7	4667181	CHR7:4667181	SSF x Near_LoA	-8,62898052	-0,070	0,309
CHR7	4675072	CHR7:4675072	SSF x Near_LoA	-4,65997374	0,012	0,315
CHR7	4683201	CHR7:4683201	SSF x Near_LoA	-11,1816121	-0,060	0,305
CHR7	4683283	CHR7:4683283	SSF x Near_LoA	-9,67818849	-0,005	0,301
CHR7	4683351	CHR7:4683351	SSF x Near_LoA	-8,75284819	0,018	0,304
CHR7	4683360	CHR7:4683360	SSF x Near_LoA	-9,11485677	-0,129	0,317
CHR7	4683436	CHR7:4683436	SSF x Near_LoA	-5,75782553	-0,105	0,282
CHR7	4683447	CHR7:4683447	SSF x Near_LoA	-8,0746882	0,118	0,298
CHR7	4694154	CHR7:4694154	SSF x Near_LoA	-8,44089233	0,041	0,292
CHR7	4694199	CHR7:4694199	SSF x Near_LoA	-3,31247113	-0,219	0,304
CHR7	4694286	CHR7:4694286	SSF x Near_LoA	-7,70638214	0,137	0,300
CHR7	4694315	CHR7:4694315	SSF x Near_LoA	-7,22366851	0,153	0,300
CHR7	4695687	CHR7:4695687	SSF x Near_LoA	-1,27038927	0,038	0,315
CHR7	4695857	CHR7:4695857	SSF x Near_LoA	-7,61846264	0,115	0,302
CHR7	4695871	CHR7:4695871	SSF x Near_LoA	-7,40907712	0,143	0,302
CHR7	4695928	CHR7:4695928	SSF x Near_LoA	-6,2807878	0,098	0,305
CHR7	4735176	CHR7:4735176	SSF x Near_LoA	-10,4211824	-0,097	0,301
CHR7	4749004	CHR7:4749004	SSF x Near_LoA	-10,9832352	0,064	0,320
CHR7	4749019	CHR7:4749019	SSF x Near_LoA	-11,103058	-0,002	0,299
CHR7	4753910	CHR7:4753910	SSF x Near_LoA	-5,71888147	-0,189	0,306
CHR7	475954	CHR7:475954	SSF x Near_LoA	-9,17011775	0,026	0,310
CHR7	476072	CHR7:476072	SSF x Near_LoA	-11,2719823	-0,011	0,290
CHR7	4774166	CHR7:4774166	SSF x Near_LoA	-10,6094315	0,015	0,322
CHR7	4806914	CHR7:4806914	SSF x Near_LoA	-11,7329846	0,103	0,300
CHR7	4806937	CHR7:4806937	SSF x Near_LoA	-8,12060108	-0,002	0,321
CHR7	4806939	CHR7:4806939	SSF x Near_LoA	-8,77871337	0,019	0,304
CHR7	4806989	CHR7:4806989	SSF x Near_LoA	-10,4444193	-0,025	0,301
CHR7	4808326	CHR7:4808326	SSF x Near_LoA	-9,56825971	-0,024	0,291
CHR7	4808468	CHR7:4808468	SSF x Near_LoA	-10,6942875	-0,032	0,308
CHR7	4833957	CHR7:4833957	SSF x Near_LoA	-7,78854814	0,017	0,308
CHR7	4869982	CHR7:4869982	SSF x Near_LoA	-8,79978882	-0,071	0,312
CHR7	4870082	CHR7:4870082	SSF x Near_LoA	-8,7043992	0,000	0,311
CHR7	487533	CHR7:487533	SSF x Near_LoA	-7,96209381	-0,048	0,307
CHR7	487558	CHR7:487558	SSF x Near_LoA	-8,1043561	-0,028	0,305
CHR7	487627	CHR7:487627	SSF x Near_LoA	-9,78104824	-0,158	0,304
CHR7	487670	CHR7:487670	SSF x Near_LoA	-9,96274223	-0,067	0,310
CHR7	4880217	CHR7:4880217	SSF x Near_LoA	-7,60184415	-0,092	0,312
CHR7	4882945	CHR7:4882945	SSF x Near_LoA	-8,55810519	0,065	0,296
CHR7	4883066	CHR7:4883066	SSF x Near_LoA	-8,5718959	-0,044	0,301
CHR7	4899186	CHR7:4899186	SSF x Near_LoA	-7,92257817	-0,113	0,299

CHR7	4904164	CHR7:4904164	SSF x Near_LoA	-9,85962772	-0,019	0,309
CHR7	4910439	CHR7:4910439	SSF x Near_LoA	-11,3495547	-0,034	0,310
CHR7	4910487	CHR7:4910487	SSF x Near_LoA	-9,26671024	-0,084	0,303
CHR7	4922024	CHR7:4922024	SSF x Near_LoA	-11,1034115	-0,004	0,297
CHR7	4931886	CHR7:4931886	SSF x Near_LoA	-7,72754332	-0,046	0,329
CHR7	4931923	CHR7:4931923	SSF x Near_LoA	-11,3880762	0,035	0,300
CHR7	4931946	CHR7:4931946	SSF x Near_LoA	-8,80685659	0,144	0,315
CHR7	4931984	CHR7:4931984	SSF x Near_LoA	-9,38678327	0,056	0,296
CHR7	4932156	CHR7:4932156	SSF x Near_LoA	-8,99896899	0,072	0,328
CHR7	4934422	CHR7:4934422	SSF x Near_LoA	-4,6354924	0,046	0,314
CHR7	4934551	CHR7:4934551	SSF x Near_LoA	-11,4900284	-0,098	0,305
CHR7	4934570	CHR7:4934570	SSF x Near_LoA	-8,02431144	-0,070	0,324
CHR7	4968549	CHR7:4968549	SSF x Near_LoA	-8,19907124	-0,050	0,313
CHR7	4996114	CHR7:4996114	SSF x Near_LoA	-0,15399565	-0,061	0,299
CHR7	4996119	CHR7:4996119	SSF x Near_LoA	-10,323944	-0,065	0,310
CHR7	4996146	CHR7:4996146	SSF x Near_LoA	-6,57703165	0,174	0,301
CHR7	5019242	CHR7:5019242	SSF x Near_LoA	-10,2758901	-0,044	0,318
CHR7	5024026	CHR7:5024026	SSF x Near_LoA	-10,17671	0,022	0,307
CHR7	5028123	CHR7:5028123	SSF x Near_LoA	-9,93115812	0,028	0,306
CHR7	5028240	CHR7:5028240	SSF x Near_LoA	-10,6885517	0,076	0,312
CHR7	5031444	CHR7:5031444	SSF x Near_LoA	-11,6952182	-0,006	0,300
CHR7	5031480	CHR7:5031480	SSF x Near_LoA	-11,3505187	0,052	0,305
CHR7	5031504	CHR7:5031504	SSF x Near_LoA	-10,9503773	-0,115	0,300
CHR7	5031542	CHR7:5031542	SSF x Near_LoA	-9,68727781	0,008	0,302
CHR7	5031546	CHR7:5031546	SSF x Near_LoA	-12,1108097	0,022	0,301
CHR7	5031597	CHR7:5031597	SSF x Near_LoA	-8,25826336	0,128	0,306
CHR7	5032478	CHR7:5032478	SSF x Near_LoA	-6,10351101	0,078	0,311
CHR7	5032498	CHR7:5032498	SSF x Near_LoA	-9,35983648	-0,096	0,301
CHR7	5032502	CHR7:5032502	SSF x Near_LoA	6,12558981	0,187	0,301
CHR7	5032672	CHR7:5032672	SSF x Near_LoA	-10,4284907	-0,134	0,305
CHR7	5042541	CHR7:5042541	SSF x Near_LoA	-9,59029945	0,043	0,301
CHR7	5042743	CHR7:5042743	SSF x Near_LoA	-9,14904925	-0,025	0,298
CHR7	504614	CHR7:504614	SSF x Near_LoA	-10,5245286	-0,002	0,307
CHR7	504709	CHR7:504709	SSF x Near_LoA	-10,7754901	0,018	0,304
CHR7	504720	CHR7:504720	SSF x Near_LoA	-10,9930752	-0,013	0,314
CHR7	504751	CHR7:504751	SSF x Near_LoA	-10,37089	0,064	0,310
CHR7	5050908	CHR7:5050908	SSF x Near_LoA	-9,63029285	0,035	0,306
CHR7	5050931	CHR7:5050931	SSF x Near_LoA	-10,9131418	0,019	0,302
CHR7	5052463	CHR7:5052463	SSF x Near_LoA	-11,1344488	-0,001	0,315
CHR7	5052671	CHR7:5052671	SSF x Near_LoA	1,34655804	0,092	0,307
CHR7	5055001	CHR7:5055001	SSF x Near_LoA	-8,96765459	0,018	0,319
CHR7	5055045	CHR7:5055045	SSF x Near_LoA	-9,58560765	-0,034	0,304
CHR7	5057358	CHR7:5057358	SSF x Near_LoA	-7,46658745	0,039	0,316
CHR7	5059347	CHR7:5059347	SSF x Near_LoA	-10,3305842	0,049	0,307
CHR7	5059497	CHR7:5059497	SSF x Near_LoA	-9,33883866	0,015	0,305
CHR7	5062533	CHR7:5062533	SSF x Near_LoA	-10,6931737	-0,039	0,292
CHR7	5063757	CHR7:5063757	SSF x Near_LoA	-10,3263716	-0,027	0,310
CHR7	5063787	CHR7:5063787	SSF x Near_LoA	-10,0587808	-0,043	0,298
CHR7	5063831	CHR7:5063831	SSF x Near_LoA	-8,39473945	-0,059	0,299
CHR7	5063922	CHR7:5063922	SSF x Near_LoA	-9,62953786	-0,074	0,317
CHR7	5135805	CHR7:5135805	SSF x Near_LoA	-8,47095218	-0,083	0,296
CHR7	5188048	CHR7:5188048	SSF x Near_LoA	-11,8824887	-0,022	0,293
CHR7	5188165	CHR7:5188165	SSF x Near_LoA	-9,56213434	-0,081	0,307

CHR7	5188306	CHR7:5188306	SSF x Near_LoA	-10,172822	-0,064	0,304
CHR7	5188366	CHR7:5188366	SSF x Near_LoA	-6,41258108	0,004	0,306
CHR7	5188410	CHR7:5188410	SSF x Near_LoA	-8,69461889	-0,117	0,299
CHR7	5197237	CHR7:5197237	SSF x Near_LoA	-9,70213881	0,068	0,294
CHR7	5197248	CHR7:5197248	SSF x Near_LoA	-11,0705609	0,052	0,312
CHR7	5197354	CHR7:5197354	SSF x Near_LoA	-10,7946136	-0,005	0,305
CHR7	5203553	CHR7:5203553	SSF x Near_LoA	-8,53972347	0,010	0,297
CHR7	5203708	CHR7:5203708	SSF x Near_LoA	-10,4122018	-0,021	0,303
CHR7	5203821	CHR7:5203821	SSF x Near_LoA	-11,7953508	0,048	0,313
CHR7	5217324	CHR7:5217324	SSF x Near_LoA	-9,70935267	0,015	0,307
CHR7	5218188	CHR7:5218188	SSF x Near_LoA	-11,785005	-0,028	0,308
CHR7	5218346	CHR7:5218346	SSF x Near_LoA	-11,3952651	-0,059	0,292
CHR7	5228771	CHR7:5228771	SSF x Near_LoA	-9,24860668	-0,075	0,305
CHR7	5228837	CHR7:5228837	SSF x Near_LoA	-9,75995526	0,134	0,301
CHR7	5229057	CHR7:5229057	SSF x Near_LoA	-4,66964354	0,075	0,305
CHR7	5229060	CHR7:5229060	SSF x Near_LoA	-9,0802437	0,055	0,309
CHR7	5229144	CHR7:5229144	SSF x Near_LoA	-9,02736072	0,036	0,301
CHR7	5233334	CHR7:5233334	SSF x Near_LoA	-10,3349279	-0,046	0,312
CHR7	5233344	CHR7:5233344	SSF x Near_LoA	-9,27386368	-0,061	0,324
CHR7	5233353	CHR7:5233353	SSF x Near_LoA	-7,56985318	-0,139	0,311
CHR7	5243029	CHR7:5243029	SSF x Near_LoA	-10,2421189	-0,007	0,314
CHR7	5243236	CHR7:5243236	SSF x Near_LoA	-12,2164799	-0,028	0,294
CHR7	5243347	CHR7:5243347	SSF x Near_LoA	-11,0837537	-0,031	0,303
CHR7	5243357	CHR7:5243357	SSF x Near_LoA	-7,0367819	0,000	0,318
CHR7	5249393	CHR7:5249393	SSF x Near_LoA	-8,47012533	0,021	0,321
CHR7	5249533	CHR7:5249533	SSF x Near_LoA	-9,30643046	-0,125	0,309
CHR7	5249534	CHR7:5249534	SSF x Near_LoA	-6,13860597	-0,120	0,320
CHR7	5249553	CHR7:5249553	SSF x Near_LoA	-9,35922193	-0,023	0,310
CHR7	5251435	CHR7:5251435	SSF x Near_LoA	-11,295565	0,079	0,311
CHR7	5251509	CHR7:5251509	SSF x Near_LoA	-11,4475174	0,075	0,296
CHR7	5251536	CHR7:5251536	SSF x Near_LoA	-11,6611851	0,010	0,306
CHR7	5262243	CHR7:5262243	SSF x Near_LoA	-10,9906747	-0,094	0,298
CHR7	5269313	CHR7:5269313	SSF x Near_LoA	-8,94808407	-0,052	0,298
CHR7	5269344	CHR7:5269344	SSF x Near_LoA	-10,1720073	0,127	0,295
CHR7	5269345	CHR7:5269345	SSF x Near_LoA	-7,58570422	-0,204	0,288
CHR7	527002	CHR7:527002	SSF x Near_LoA	-7,16857386	-0,084	0,312
CHR7	527028	CHR7:527028	SSF x Near_LoA	-9,19153552	0,121	0,288
CHR7	527031	CHR7:527031	SSF x Near_LoA	-9,6390987	-0,028	0,310
CHR7	5270460	CHR7:5270460	SSF x Near_LoA	-10,125073	0,121	0,295
CHR7	5270576	CHR7:5270576	SSF x Near_LoA	-8,63482971	-0,083	0,308
CHR7	5270679	CHR7:5270679	SSF x Near_LoA	-8,09707775	-0,031	0,309
CHR7	5270723	CHR7:5270723	SSF x Near_LoA	-7,95879227	0,031	0,308
CHR7	527074	CHR7:527074	SSF x Near_LoA	-8,77974652	-0,062	0,294
CHR7	527187	CHR7:527187	SSF x Near_LoA	-10,1726086	-0,023	0,303
CHR7	5273491	CHR7:5273491	SSF x Near_LoA	-7,61046475	0,142	0,308
CHR7	5275388	CHR7:5275388	SSF x Near_LoA	-0,67424864	0,057	0,307
CHR7	5282111	CHR7:5282111	SSF x Near_LoA	-9,32966389	-0,052	0,305
CHR7	5282193	CHR7:5282193	SSF x Near_LoA	-9,43466853	-0,036	0,321
CHR7	5282279	CHR7:5282279	SSF x Near_LoA	-6,51869584	-0,204	0,308
CHR7	5286130	CHR7:5286130	SSF x Near_LoA	-10,8128226	0,104	0,307
CHR7	5286220	CHR7:5286220	SSF x Near_LoA	-4,98499268	0,081	0,311
CHR7	5286308	CHR7:5286308	SSF x Near_LoA	-10,9862376	-0,003	0,308
CHR7	5291615	CHR7:5291615	SSF x Near_LoA	-8,05786341	-0,025	0,308

CHR7	5307746	CHR7:5307746	SSF x Near_LoA	-7,88153265	-0,052	0,321
CHR7	5307812	CHR7:5307812	SSF x Near_LoA	-9,86500094	0,031	0,302
CHR7	5307851	CHR7:5307851	SSF x Near_LoA	-7,75022847	-0,157	0,304
CHR7	5321681	CHR7:5321681	SSF x Near_LoA	-8,54117221	-0,084	0,292
CHR7	5321703	CHR7:5321703	SSF x Near_LoA	-12,3216443	0,086	0,289
CHR7	5321734	CHR7:5321734	SSF x Near_LoA	-10,075048	-0,036	0,295
CHR7	5321755	CHR7:5321755	SSF x Near_LoA	-5,85318529	-0,022	0,304
CHR7	5321767	CHR7:5321767	SSF x Near_LoA	-8,96195561	-0,085	0,300
CHR7	5321769	CHR7:5321769	SSF x Near_LoA	-8,30314685	-0,041	0,307
CHR7	5331764	CHR7:5331764	SSF x Near_LoA	-10,3629642	0,031	0,313
CHR7	5331785	CHR7:5331785	SSF x Near_LoA	-8,72329764	0,085	0,308
CHR7	5331836	CHR7:5331836	SSF x Near_LoA	-9,19658082	0,097	0,297
CHR7	5337135	CHR7:5337135	SSF x Near_LoA	-10,5361243	-0,038	0,297
CHR7	5337306	CHR7:5337306	SSF x Near_LoA	-9,99895214	-0,001	0,313
CHR7	5337339	CHR7:5337339	SSF x Near_LoA	-7,50018715	0,132	0,297
CHR7	5337351	CHR7:5337351	SSF x Near_LoA	-7,22766334	0,113	0,305
CHR7	5338843	CHR7:5338843	SSF x Near_LoA	-7,51592782	0,147	0,297
CHR7	5343154	CHR7:5343154	SSF x Near_LoA	-11,4762785	0,018	0,298
CHR7	5359142	CHR7:5359142	SSF x Near_LoA	-7,56786198	0,153	0,301
CHR7	5359229	CHR7:5359229	SSF x Near_LoA	-7,4538113	0,003	0,315
CHR7	5359251	CHR7:5359251	SSF x Near_LoA	-9,24343257	0,025	0,322
CHR7	5363248	CHR7:5363248	SSF x Near_LoA	-8,73918766	0,025	0,298
CHR7	5381737	CHR7:5381737	SSF x Near_LoA	-7,32166565	-0,113	0,297
CHR7	5381770	CHR7:5381770	SSF x Near_LoA	-9,52601936	0,117	0,314
CHR7	5381807	CHR7:5381807	SSF x Near_LoA	-8,43736131	0,022	0,322
CHR7	538402	CHR7:538402	SSF x Near_LoA	-12,0150925	-0,030	0,301
CHR7	538448	CHR7:538448	SSF x Near_LoA	-8,03524861	-0,008	0,316
CHR7	5387613	CHR7:5387613	SSF x Near_LoA	-10,3559809	-0,010	0,300
CHR7	5387648	CHR7:5387648	SSF x Near_LoA	-9,4423374	0,011	0,318
CHR7	5394602	CHR7:5394602	SSF x Near_LoA	-11,142291	0,012	0,306
CHR7	5394705	CHR7:5394705	SSF x Near_LoA	-10,6579941	0,020	0,320
CHR7	5396518	CHR7:5396518	SSF x Near_LoA	-9,83036323	0,053	0,314
CHR7	5396524	CHR7:5396524	SSF x Near_LoA	-9,05969371	0,050	0,324
CHR7	5396851	CHR7:5396851	SSF x Near_LoA	-6,73785276	-0,054	0,300
CHR7	5396896	CHR7:5396896	SSF x Near_LoA	-9,43586453	0,020	0,332
CHR7	5396917	CHR7:5396917	SSF x Near_LoA	-4,88317632	0,208	0,294
CHR7	5396964	CHR7:5396964	SSF x Near_LoA	-8,45143751	0,009	0,311
CHR7	5398017	CHR7:5398017	SSF x Near_LoA	-8,08092859	0,145	0,320
CHR7	5398302	CHR7:5398302	SSF x Near_LoA	-9,26877497	0,067	0,300
CHR7	5398308	CHR7:5398308	SSF x Near_LoA	-7,59741736	-0,066	0,312
CHR7	5398321	CHR7:5398321	SSF x Near_LoA	-9,74906876	-0,114	0,298
CHR7	5398352	CHR7:5398352	SSF x Near_LoA	-9,17921603	0,025	0,297
CHR7	5398357	CHR7:5398357	SSF x Near_LoA	-9,69575781	0,097	0,318
CHR7	5398394	CHR7:5398394	SSF x Near_LoA	-11,4514947	0,067	0,313
CHR7	5402250	CHR7:5402250	SSF x Near_LoA	-8,40011315	-0,135	0,312
CHR7	5402261	CHR7:5402261	SSF x Near_LoA	-9,25394631	0,023	0,313
CHR7	5402655	CHR7:5402655	SSF x Near_LoA	-8,36550713	0,120	0,298
CHR7	5402657	CHR7:5402657	SSF x Near_LoA	-7,28412031	-0,066	0,306
CHR7	5402686	CHR7:5402686	SSF x Near_LoA	-4,41732782	0,166	0,293
CHR7	5403803	CHR7:5403803	SSF x Near_LoA	-1,27219729	0,065	0,308
CHR7	5406977	CHR7:5406977	SSF x Near_LoA	-10,2945541	0,012	0,309
CHR7	5406983	CHR7:5406983	SSF x Near_LoA	-6,97995642	0,045	0,318
CHR7	5406988	CHR7:5406988	SSF x Near_LoA	-7,96132532	0,002	0,303

CHR7	5406999	CHR7:5406999	SSF x Near_LoA	-8,38808951	0,007	0,312
CHR7	5407009	CHR7:5407009	SSF x Near_LoA	-10,6920351	0,017	0,308
CHR7	5407016	CHR7:5407016	SSF x Near_LoA	-11,0571251	0,002	0,315
CHR7	5407110	CHR7:5407110	SSF x Near_LoA	-8,95077812	0,058	0,309
CHR7	5407137	CHR7:5407137	SSF x Near_LoA	-9,70491026	0,012	0,304
CHR7	5407154	CHR7:5407154	SSF x Near_LoA	-10,3624721	0,016	0,313
CHR7	5407209	CHR7:5407209	SSF x Near_LoA	-10,5001975	0,031	0,313
CHR7	5408886	CHR7:5408886	SSF x Near_LoA	-8,74514728	-0,069	0,327
CHR7	5408966	CHR7:5408966	SSF x Near_LoA	-8,63464345	-0,080	0,316
CHR7	5409117	CHR7:5409117	SSF x Near_LoA	-10,1604941	-0,020	0,307
CHR7	5410577	CHR7:5410577	SSF x Near_LoA	-9,43883073	-0,134	0,320
CHR7	5410587	CHR7:5410587	SSF x Near_LoA	-10,2735853	-0,014	0,317
CHR7	5410656	CHR7:5410656	SSF x Near_LoA	-8,01488341	-0,107	0,290
CHR7	5410693	CHR7:5410693	SSF x Near_LoA	-8,37193552	-0,056	0,312
CHR7	5410713	CHR7:5410713	SSF x Near_LoA	-5,80674288	-0,108	0,304
CHR7	5410767	CHR7:5410767	SSF x Near_LoA	-8,00534094	-0,040	0,296
CHR7	5410817	CHR7:5410817	SSF x Near_LoA	3,48976991	0,172	0,290
CHR7	5426496	CHR7:5426496	SSF x Near_LoA	-8,97617295	-0,071	0,311
CHR7	5426507	CHR7:5426507	SSF x Near_LoA	-8,63763692	0,160	0,296
CHR7	5426519	CHR7:5426519	SSF x Near_LoA	-9,39906369	-0,041	0,323
CHR7	5426577	CHR7:5426577	SSF x Near_LoA	-9,52930222	-0,003	0,298
CHR7	5426641	CHR7:5426641	SSF x Near_LoA	-8,74633881	-0,090	0,317
CHR7	5426668	CHR7:5426668	SSF x Near_LoA	-7,5377936	-0,061	0,315
CHR7	5426695	CHR7:5426695	SSF x Near_LoA	-7,93270866	-0,063	0,310
CHR7	5427904	CHR7:5427904	SSF x Near_LoA	-9,32712351	0,028	0,315
CHR7	5427905	CHR7:5427905	SSF x Near_LoA	-12,060847	0,046	0,302
CHR7	5427965	CHR7:5427965	SSF x Near_LoA	-8,16658234	0,049	0,300
CHR7	5427970	CHR7:5427970	SSF x Near_LoA	-7,73885102	0,040	0,306
CHR7	5427971	CHR7:5427971	SSF x Near_LoA	2,58581555	0,069	0,306
CHR7	5427973	CHR7:5427973	SSF x Near_LoA	-7,58986928	-0,048	0,304
CHR7	5427981	CHR7:5427981	SSF x Near_LoA	-9,60215372	0,000	0,313
CHR7	5428014	CHR7:5428014	SSF x Near_LoA	-6,56771097	-0,225	0,304
CHR7	5429571	CHR7:5429571	SSF x Near_LoA	-9,47472426	-0,116	0,290
CHR7	5429647	CHR7:5429647	SSF x Near_LoA	-7,76192143	-0,056	0,313
CHR7	5429650	CHR7:5429650	SSF x Near_LoA	-7,21083439	0,082	0,302
CHR7	5429651	CHR7:5429651	SSF x Near_LoA	-9,3389309	-0,155	0,291
CHR7	5429697	CHR7:5429697	SSF x Near_LoA	-9,26729128	0,030	0,312
CHR7	543208	CHR7:543208	SSF x Near_LoA	-10,9644445	-0,016	0,303
CHR7	543357	CHR7:543357	SSF x Near_LoA	-11,128605	-0,076	0,310
CHR7	543404	CHR7:543404	SSF x Near_LoA	-7,72425617	-0,111	0,307
CHR7	5441741	CHR7:5441741	SSF x Near_LoA	-7,71155444	0,039	0,300
CHR7	544898	CHR7:544898	SSF x Near_LoA	-7,70662156	0,090	0,308
CHR7	544918	CHR7:544918	SSF x Near_LoA	-9,41553099	0,006	0,313
CHR7	544964	CHR7:544964	SSF x Near_LoA	-9,04252122	0,108	0,305
CHR7	544986	CHR7:544986	SSF x Near_LoA	-5,87471023	0,079	0,300
CHR7	545052	CHR7:545052	SSF x Near_LoA	-9,93412041	-0,012	0,318
CHR7	5455651	CHR7:5455651	SSF x Near_LoA	-7,85810301	-0,046	0,314
CHR7	5455693	CHR7:5455693	SSF x Near_LoA	-8,16566878	-0,086	0,315
CHR7	5455710	CHR7:5455710	SSF x Near_LoA	-6,76801431	-0,052	0,325
CHR7	5455741	CHR7:5455741	SSF x Near_LoA	-8,37637669	0,017	0,324
CHR7	5455783	CHR7:5455783	SSF x Near_LoA	-9,36201285	0,074	0,297
CHR7	5472176	CHR7:5472176	SSF x Near_LoA	-9,2349633	0,099	0,316
CHR7	5472209	CHR7:5472209	SSF x Near_LoA	-8,71817174	0,101	0,307

CHR7	5480655	CHR7:5480655	SSF x Near_LoA	-6,04910161	0,100	0,305
CHR7	5495459	CHR7:5495459	SSF x Near_LoA	-5,62486618	-0,157	0,285
CHR7	5495669	CHR7:5495669	SSF x Near_LoA	-10,3066497	-0,072	0,330
CHR7	5496666	CHR7:5496666	SSF x Near_LoA	-8,97216884	0,000	0,310
CHR7	5496813	CHR7:5496813	SSF x Near_LoA	-6,40313733	-0,040	0,318
CHR7	5515083	CHR7:5515083	SSF x Near_LoA	-8,20725666	0,028	0,321
CHR7	5522009	CHR7:5522009	SSF x Near_LoA	-7,40283694	0,164	0,294
CHR7	5522059	CHR7:5522059	SSF x Near_LoA	-5,62662876	0,131	0,295
CHR7	5525947	CHR7:5525947	SSF x Near_LoA	-10,8378271	0,000	0,301
CHR7	5525960	CHR7:5525960	SSF x Near_LoA	-10,003834	0,067	0,307
CHR7	5526010	CHR7:5526010	SSF x Near_LoA	-7,82989278	-0,073	0,313
CHR7	553371	CHR7:553371	SSF x Near_LoA	-11,841648	-0,053	0,314
CHR7	553393	CHR7:553393	SSF x Near_LoA	-9,51316885	0,027	0,317
CHR7	553418	CHR7:553418	SSF x Near_LoA	-10,6795054	-0,094	0,302
CHR7	5534193	CHR7:5534193	SSF x Near_LoA	-11,137873	-0,060	0,309
CHR7	553422	CHR7:553422	SSF x Near_LoA	-7,97783882	-0,055	0,312
CHR7	5534278	CHR7:5534278	SSF x Near_LoA	-10,656349	-0,067	0,298
CHR7	553468	CHR7:553468	SSF x Near_LoA	-8,482692	0,125	0,293
CHR7	5546130	CHR7:5546130	SSF x Near_LoA	-9,26005157	-0,059	0,302
CHR7	5546313	CHR7:5546313	SSF x Near_LoA	-10,2492613	0,115	0,302
CHR7	5565947	CHR7:5565947	SSF x Near_LoA	-11,3844786	0,039	0,316
CHR7	5566019	CHR7:5566019	SSF x Near_LoA	-9,18658788	-0,132	0,300
CHR7	5566061	CHR7:5566061	SSF x Near_LoA	-10,3833858	0,009	0,322
CHR7	5567165	CHR7:5567165	SSF x Near_LoA	-3,16399741	-0,088	0,313
CHR7	5567373	CHR7:5567373	SSF x Near_LoA	-5,40901036	0,073	0,314
CHR7	5578194	CHR7:5578194	SSF x Near_LoA	-10,8120581	-0,095	0,302
CHR7	5585354	CHR7:5585354	SSF x Near_LoA	-10,5952013	-0,108	0,307
CHR7	5585423	CHR7:5585423	SSF x Near_LoA	-6,14970603	-0,094	0,302
CHR7	5585478	CHR7:5585478	SSF x Near_LoA	-10,4659093	-0,108	0,305
CHR7	5585562	CHR7:5585562	SSF x Near_LoA	-9,13285178	-0,077	0,300
CHR7	5585571	CHR7:5585571	SSF x Near_LoA	-10,5440891	-0,079	0,298
CHR7	5585612	CHR7:5585612	SSF x Near_LoA	-8,93844691	-0,113	0,279
CHR7	5595604	CHR7:5595604	SSF x Near_LoA	-7,34744373	-0,063	0,294
CHR7	5595607	CHR7:5595607	SSF x Near_LoA	-9,46297663	-0,157	0,288
CHR7	5595646	CHR7:5595646	SSF x Near_LoA	-9,69526584	-0,020	0,310
CHR7	5595713	CHR7:5595713	SSF x Near_LoA	-8,6198879	0,000	0,316
CHR7	5595718	CHR7:5595718	SSF x Near_LoA	-9,06659721	0,019	0,303
CHR7	5595732	CHR7:5595732	SSF x Near_LoA	-9,49456321	0,049	0,304
CHR7	5595741	CHR7:5595741	SSF x Near_LoA	-10,9885319	-0,085	0,303
CHR7	5595798	CHR7:5595798	SSF x Near_LoA	-7,52677853	0,116	0,300
CHR7	560136	CHR7:560136	SSF x Near_LoA	-10,7270121	-0,022	0,311
CHR7	5602412	CHR7:5602412	SSF x Near_LoA	-9,26182054	0,029	0,304
CHR7	5602500	CHR7:5602500	SSF x Near_LoA	-11,1056558	0,061	0,304
CHR7	5602510	CHR7:5602510	SSF x Near_LoA	-5,99753167	-0,144	0,301
CHR7	563621	CHR7:563621	SSF x Near_LoA	-12,0282795	0,019	0,310
CHR7	563774	CHR7:563774	SSF x Near_LoA	-11,4943269	0,004	0,298
CHR7	5640801	CHR7:5640801	SSF x Near_LoA	-11,4791456	0,012	0,306
CHR7	5640838	CHR7:5640838	SSF x Near_LoA	-11,2471797	-0,031	0,313
CHR7	5656487	CHR7:5656487	SSF x Near_LoA	-9,24202104	-0,052	0,302
CHR7	5678406	CHR7:5678406	SSF x Near_LoA	-8,26434867	-0,016	0,307
CHR7	56873	CHR7:56873	SSF x Near_LoA	-2,11504809	0,177	0,301
CHR7	5689135	CHR7:5689135	SSF x Near_LoA	-7,48624342	0,148	0,310
CHR7	5689240	CHR7:5689240	SSF x Near_LoA	-7,67970899	-0,152	0,293

CHR7	5689254	CHR7:5689254	SSF x Near_LoA	-8,92869861	-0,109	0,308
CHR7	5689307	CHR7:5689307	SSF x Near_LoA	-8,76193509	0,076	0,305
CHR7	5692023	CHR7:5692023	SSF x Near_LoA	-9,00389915	0,044	0,299
CHR7	5694041	CHR7:5694041	SSF x Near_LoA	-11,0843136	-0,095	0,284
CHR7	5701009	CHR7:5701009	SSF x Near_LoA	-9,31690645	0,013	0,313
CHR7	5701049	CHR7:5701049	SSF x Near_LoA	-6,82829274	-0,116	0,320
CHR7	5701067	CHR7:5701067	SSF x Near_LoA	-7,14814669	-0,124	0,313
CHR7	5701490	CHR7:5701490	SSF x Near_LoA	-9,19798005	0,179	0,301
CHR7	5710852	CHR7:5710852	SSF x Near_LoA	-10,2090471	0,015	0,303
CHR7	5710937	CHR7:5710937	SSF x Near_LoA	-9,63994152	0,021	0,299
CHR7	5711097	CHR7:5711097	SSF x Near_LoA	-10,6787036	-0,037	0,308
CHR7	5728921	CHR7:5728921	SSF x Near_LoA	-8,71930541	-0,037	0,317
CHR7	5729011	CHR7:5729011	SSF x Near_LoA	-9,71028653	0,066	0,303
CHR7	5729036	CHR7:5729036	SSF x Near_LoA	-11,0593527	-0,007	0,313
CHR7	5729040	CHR7:5729040	SSF x Near_LoA	-11,3299114	-0,010	0,304
CHR7	5736088	CHR7:5736088	SSF x Near_LoA	-10,6543126	0,067	0,303
CHR7	5736104	CHR7:5736104	SSF x Near_LoA	-2,76434374	-0,044	0,315
CHR7	5736118	CHR7:5736118	SSF x Near_LoA	-6,12924132	0,090	0,315
CHR7	5745511	CHR7:5745511	SSF x Near_LoA	-9,95761833	-0,019	0,330
CHR7	5751475	CHR7:5751475	SSF x Near_LoA	-10,2014827	-0,034	0,313
CHR7	5751546	CHR7:5751546	SSF x Near_LoA	-8,62880841	0,000	0,313
CHR7	5759081	CHR7:5759081	SSF x Near_LoA	-6,7563089	0,141	0,294
CHR7	5759196	CHR7:5759196	SSF x Near_LoA	-10,6208737	-0,023	0,310
CHR7	5759253	CHR7:5759253	SSF x Near_LoA	8,87542494	0,061	0,310
CHR7	5768455	CHR7:5768455	SSF x Near_LoA	-7,22583728	-0,187	0,291
CHR7	5768470	CHR7:5768470	SSF x Near_LoA	-6,8590196	-0,160	0,302
CHR7	5768494	CHR7:5768494	SSF x Near_LoA	-3,8581429	-0,142	0,302
CHR7	5778587	CHR7:5778587	SSF x Near_LoA	-9,20539304	0,101	0,288
CHR7	5785031	CHR7:5785031	SSF x Near_LoA	-7,74360817	0,103	0,315
CHR7	5785054	CHR7:5785054	SSF x Near_LoA	-8,70367928	0,055	0,311
CHR7	5785088	CHR7:5785088	SSF x Near_LoA	-9,72033923	-0,035	0,289
CHR7	5785129	CHR7:5785129	SSF x Near_LoA	-7,17640106	0,026	0,320
CHR7	5793020	CHR7:5793020	SSF x Near_LoA	-8,16484831	-0,086	0,305
CHR7	5793037	CHR7:5793037	SSF x Near_LoA	-7,37999958	-0,043	0,318
CHR7	5798923	CHR7:5798923	SSF x Near_LoA	-8,24786822	-0,045	0,315
CHR7	5798957	CHR7:5798957	SSF x Near_LoA	-5,96994394	0,082	0,299
CHR7	5798961	CHR7:5798961	SSF x Near_LoA	-9,97319355	-0,031	0,318
CHR7	5798992	CHR7:5798992	SSF x Near_LoA	-9,71946648	0,058	0,310
CHR7	5798993	CHR7:5798993	SSF x Near_LoA	-10,5066988	0,097	0,317
CHR7	5801489	CHR7:5801489	SSF x Near_LoA	-8,87254545	-0,129	0,300
CHR7	5801624	CHR7:5801624	SSF x Near_LoA	-9,38197105	0,075	0,315
CHR7	5801682	CHR7:5801682	SSF x Near_LoA	-8,99653894	0,033	0,315
CHR7	5820446	CHR7:5820446	SSF x Near_LoA	-8,50315665	-0,184	0,323
CHR7	5826094	CHR7:5826094	SSF x Near_LoA	-7,98578289	-0,126	0,294
CHR7	5826119	CHR7:5826119	SSF x Near_LoA	-11,9390204	0,016	0,301
CHR7	5826151	CHR7:5826151	SSF x Near_LoA	-6,14759158	-0,136	0,298
CHR7	5826182	CHR7:5826182	SSF x Near_LoA	-4,50147259	-0,173	0,313
CHR7	5830676	CHR7:5830676	SSF x Near_LoA	-10,6704141	-0,032	0,311
CHR7	5830708	CHR7:5830708	SSF x Near_LoA	-10,7338162	0,070	0,300
CHR7	5830743	CHR7:5830743	SSF x Near_LoA	-9,87502063	0,003	0,316
CHR7	5830778	CHR7:5830778	SSF x Near_LoA	-11,4621641	0,058	0,305
CHR7	5836163	CHR7:5836163	SSF x Near_LoA	-10,6009087	-0,072	0,313
CHR7	5836167	CHR7:5836167	SSF x Near_LoA	-10,0037241	-0,012	0,308

CHR7	5836257	CHR7:5836257	SSF x Near_LoA	-8,92882397	-0,001	0,305
CHR7	5836271	CHR7:5836271	SSF x Near_LoA	-11,4493677	-0,054	0,304
CHR7	5836342	CHR7:5836342	SSF x Near_LoA	-6,71958145	-0,109	0,323
CHR7	5846961	CHR7:5846961	SSF x Near_LoA	-9,60676902	-0,081	0,313
CHR7	5846997	CHR7:5846997	SSF x Near_LoA	-11,2998278	-0,025	0,298
CHR7	5847182	CHR7:5847182	SSF x Near_LoA	-7,91738727	0,102	0,313
CHR7	5848375	CHR7:5848375	SSF x Near_LoA	-10,6375565	-0,071	0,314
CHR7	5848379	CHR7:5848379	SSF x Near_LoA	-10,7051849	-0,006	0,321
CHR7	5848386	CHR7:5848386	SSF x Near_LoA	-8,78616497	0,012	0,300
CHR7	5848398	CHR7:5848398	SSF x Near_LoA	-9,76359713	-0,076	0,290
CHR7	5853021	CHR7:5853021	SSF x Near_LoA	-8,58338312	0,037	0,317
CHR7	5863280	CHR7:5863280	SSF x Near_LoA	-8,95586488	0,006	0,319
CHR7	5863299	CHR7:5863299	SSF x Near_LoA	-10,4252766	-0,004	0,294
CHR7	5868623	CHR7:5868623	SSF x Near_LoA	-5,8243554	0,097	0,312
CHR7	5869598	CHR7:5869598	SSF x Near_LoA	-11,2029414	0,027	0,309
CHR7	5869614	CHR7:5869614	SSF x Near_LoA	-10,148574	-0,046	0,306
CHR7	5870152	CHR7:5870152	SSF x Near_LoA	-9,68606201	0,065	0,309
CHR7	5876658	CHR7:5876658	SSF x Near_LoA	-10,3891737	-0,011	0,303
CHR7	588700	CHR7:588700	SSF x Near_LoA	-3,08862479	0,076	0,302
CHR7	588701	CHR7:588701	SSF x Near_LoA	-7,24507409	0,069	0,314
CHR7	588718	CHR7:588718	SSF x Near_LoA	-7,58990501	-0,129	0,308
CHR7	588732	CHR7:588732	SSF x Near_LoA	-0,21540387	0,076	0,323
CHR7	5894759	CHR7:5894759	SSF x Near_LoA	-9,87586187	0,009	0,317
CHR7	5894781	CHR7:5894781	SSF x Near_LoA	-9,73156917	0,066	0,304
CHR7	5894829	CHR7:5894829	SSF x Near_LoA	-10,3085481	-0,020	0,305
CHR7	5906020	CHR7:5906020	SSF x Near_LoA	-10,2048351	-0,068	0,304
CHR7	5906025	CHR7:5906025	SSF x Near_LoA	-11,2933257	0,017	0,307
CHR7	5906088	CHR7:5906088	SSF x Near_LoA	-11,1886165	-0,059	0,306
CHR7	5906111	CHR7:5906111	SSF x Near_LoA	-8,47760277	0,009	0,301
CHR7	5914132	CHR7:5914132	SSF x Near_LoA	-11,4920289	0,012	0,298
CHR7	5914143	CHR7:5914143	SSF x Near_LoA	-8,83090312	0,025	0,308
CHR7	5914173	CHR7:5914173	SSF x Near_LoA	-7,89189677	0,110	0,294
CHR7	5916146	CHR7:5916146	SSF x Near_LoA	-1,87501208	0,089	0,305
CHR7	5916165	CHR7:5916165	SSF x Near_LoA	-9,07585978	-0,053	0,292
CHR7	5918046	CHR7:5918046	SSF x Near_LoA	-8,04568198	0,062	0,299
CHR7	5918176	CHR7:5918176	SSF x Near_LoA	-6,95156252	0,023	0,316
CHR7	5918177	CHR7:5918177	SSF x Near_LoA	-9,00522492	0,027	0,308
CHR7	5918183	CHR7:5918183	SSF x Near_LoA	-10,4764628	-0,103	0,309
CHR7	5930310	CHR7:5930310	SSF x Near_LoA	-10,3144709	-0,016	0,305
CHR7	5933214	CHR7:5933214	SSF x Near_LoA	-11,1244425	0,009	0,310
CHR7	5933319	CHR7:5933319	SSF x Near_LoA	-9,97732379	-0,071	0,306
CHR7	5939593	CHR7:5939593	SSF x Near_LoA	-8,46290719	-0,126	0,300
CHR7	5939843	CHR7:5939843	SSF x Near_LoA	-8,7383613	-0,015	0,316
CHR7	5939847	CHR7:5939847	SSF x Near_LoA	-8,34097562	-0,100	0,317
CHR7	5941540	CHR7:5941540	SSF x Near_LoA	-6,05240334	0,171	0,290
CHR7	5941607	CHR7:5941607	SSF x Near_LoA	-4,79374795	-0,143	0,306
CHR7	5941629	CHR7:5941629	SSF x Near_LoA	-5,92061658	0,219	0,289
CHR7	5948630	CHR7:5948630	SSF x Near_LoA	-8,13095752	0,014	0,307
CHR7	5948732	CHR7:5948732	SSF x Near_LoA	-9,56540255	0,057	0,306
CHR7	5948828	CHR7:5948828	SSF x Near_LoA	-4,46007876	-0,111	0,315
CHR7	5948860	CHR7:5948860	SSF x Near_LoA	-7,34543853	0,026	0,308
CHR7	5948861	CHR7:5948861	SSF x Near_LoA	-7,07353918	0,036	0,316
CHR7	5950204	CHR7:5950204	SSF x Near_LoA	-4,3204163	-0,111	0,317

CHR7	5960188	CHR7:5960188	SSF x Near_LoA	-9,84714072	-0,064	0,309
CHR7	5969231	CHR7:5969231	SSF x Near_LoA	-8,57325395	-0,032	0,310
CHR7	5969243	CHR7:5969243	SSF x Near_LoA	-10,2502991	0,028	0,311
CHR7	5969294	CHR7:5969294	SSF x Near_LoA	-9,57528797	0,002	0,318
CHR7	5976258	CHR7:5976258	SSF x Near_LoA	-11,1874607	0,015	0,310
CHR7	5976498	CHR7:5976498	SSF x Near_LoA	-6,97920853	-0,078	0,296
CHR7	5979561	CHR7:5979561	SSF x Near_LoA	-9,12027439	-0,038	0,315
CHR7	5983513	CHR7:5983513	SSF x Near_LoA	1,54452866	-0,080	0,309
CHR7	5988277	CHR7:5988277	SSF x Near_LoA	-7,13552537	-0,134	0,308
CHR7	5988304	CHR7:5988304	SSF x Near_LoA	-9,50645507	0,019	0,307
CHR7	5988310	CHR7:5988310	SSF x Near_LoA	-2,20939728	-0,132	0,314
CHR7	5988363	CHR7:5988363	SSF x Near_LoA	-9,27213265	-0,010	0,312
CHR7	6004448	CHR7:6004448	SSF x Near_LoA	-9,20925265	-0,020	0,316
CHR7	6016153	CHR7:6016153	SSF x Near_LoA	-10,9451459	0,087	0,317
CHR7	6016232	CHR7:6016232	SSF x Near_LoA	-10,3118237	0,080	0,305
CHR7	6016235	CHR7:6016235	SSF x Near_LoA	-10,6753469	-0,036	0,298
CHR7	6029774	CHR7:6029774	SSF x Near_LoA	-6,78046394	0,129	0,295
CHR7	6029819	CHR7:6029819	SSF x Near_LoA	-10,9404421	-0,075	0,300
CHR7	6034640	CHR7:6034640	SSF x Near_LoA	-8,9495117	-0,040	0,314
CHR7	6054358	CHR7:6054358	SSF x Near_LoA	-8,04573282	-0,094	0,316
CHR7	6054524	CHR7:6054524	SSF x Near_LoA	-10,2788181	0,026	0,311
CHR7	606550	CHR7:606550	SSF x Near_LoA	-11,1800349	0,041	0,298
CHR7	606588	CHR7:606588	SSF x Near_LoA	-7,94036417	-0,121	0,304
CHR7	6070587	CHR7:6070587	SSF x Near_LoA	-9,6024334	0,041	0,300
CHR7	6070627	CHR7:6070627	SSF x Near_LoA	-8,6020318	-0,031	0,311
CHR7	6070632	CHR7:6070632	SSF x Near_LoA	-10,4719082	0,003	0,316
CHR7	6070635	CHR7:6070635	SSF x Near_LoA	-9,79512348	0,100	0,315
CHR7	6070979	CHR7:6070979	SSF x Near_LoA	-10,2460702	-0,020	0,292
CHR7	6070991	CHR7:6070991	SSF x Near_LoA	-9,02685755	0,085	0,309
CHR7	6070995	CHR7:6070995	SSF x Near_LoA	-7,59782322	0,087	0,303
CHR7	6071001	CHR7:6071001	SSF x Near_LoA	-8,17934765	0,101	0,313
CHR7	6073221	CHR7:6073221	SSF x Near_LoA	-6,99790249	0,011	0,327
CHR7	607545	CHR7:607545	SSF x Near_LoA	-7,75752614	-0,021	0,315
CHR7	6082451	CHR7:6082451	SSF x Near_LoA	-11,9934346	-0,014	0,301
CHR7	6082541	CHR7:6082541	SSF x Near_LoA	-7,99644205	-0,046	0,315
CHR7	6084128	CHR7:6084128	SSF x Near_LoA	-9,32737753	-0,097	0,296
CHR7	6084136	CHR7:6084136	SSF x Near_LoA	-8,01671981	-0,058	0,317
CHR7	6084141	CHR7:6084141	SSF x Near_LoA	-8,93555878	-0,109	0,309
CHR7	6084143	CHR7:6084143	SSF x Near_LoA	-9,28760011	-0,096	0,312
CHR7	6084187	CHR7:6084187	SSF x Near_LoA	-8,99420307	-0,014	0,307
CHR7	6087780	CHR7:6087780	SSF x Near_LoA	-10,6425314	-0,034	0,298
CHR7	6087796	CHR7:6087796	SSF x Near_LoA	-8,06193587	-0,048	0,333
CHR7	6087837	CHR7:6087837	SSF x Near_LoA	-8,02515931	-0,001	0,308
CHR7	6088553	CHR7:6088553	SSF x Near_LoA	-10,6798281	0,093	0,294
CHR7	6088603	CHR7:6088603	SSF x Near_LoA	-12,2364169	0,004	0,308
CHR7	6093629	CHR7:6093629	SSF x Near_LoA	-7,36886097	0,137	0,300
CHR7	6093672	CHR7:6093672	SSF x Near_LoA	4,16307884	-0,076	0,319
CHR7	6093682	CHR7:6093682	SSF x Near_LoA	-11,8846879	0,023	0,301
CHR7	6093859	CHR7:6093859	SSF x Near_LoA	-9,01540157	0,108	0,290
CHR7	6097669	CHR7:6097669	SSF x Near_LoA	-11,46993	0,027	0,295
CHR7	6097742	CHR7:6097742	SSF x Near_LoA	0,01898296	-0,039	0,310
CHR7	6108459	CHR7:6108459	SSF x Near_LoA	-10,1066459	0,009	0,316
CHR7	6108474	CHR7:6108474	SSF x Near_LoA	-9,08298649	0,102	0,314

CHR7	6121199	CHR7:6121199	SSF x Near_LoA	-10,1280259	0,114	0,307
CHR7	6123831	CHR7:6123831	SSF x Near_LoA	-8,26427061	0,197	0,297
CHR7	6123873	CHR7:6123873	SSF x Near_LoA	-8,60718538	0,092	0,309
CHR7	6123937	CHR7:6123937	SSF x Near_LoA	-8,37628213	-0,148	0,310
CHR7	612527	CHR7:612527	SSF x Near_LoA	5,26007091	-0,049	0,314
CHR7	612618	CHR7:612618	SSF x Near_LoA	-6,62873113	0,011	0,314
CHR7	612630	CHR7:612630	SSF x Near_LoA	-7,34304891	0,041	0,317
CHR7	612695	CHR7:612695	SSF x Near_LoA	-10,284779	0,036	0,299
CHR7	6127393	CHR7:6127393	SSF x Near_LoA	-9,41167406	-0,101	0,307
CHR7	6139207	CHR7:6139207	SSF x Near_LoA	-10,0305403	-0,126	0,303
CHR7	6139228	CHR7:6139228	SSF x Near_LoA	-5,41965479	0,018	0,307
CHR7	6139233	CHR7:6139233	SSF x Near_LoA	-11,4275486	-0,029	0,307
CHR7	6139279	CHR7:6139279	SSF x Near_LoA	-9,25278451	-0,046	0,307
CHR7	6144786	CHR7:6144786	SSF x Near_LoA	-3,67470599	-0,061	0,310
CHR7	6159586	CHR7:6159586	SSF x Near_LoA	-8,30739495	-0,022	0,307
CHR7	6162934	CHR7:6162934	SSF x Near_LoA	-7,03004142	-0,021	0,313
CHR7	6162998	CHR7:6162998	SSF x Near_LoA	-10,5925884	-0,014	0,315
CHR7	6174720	CHR7:6174720	SSF x Near_LoA	-0,14452576	0,008	0,303
CHR7	6174782	CHR7:6174782	SSF x Near_LoA	-10,4565775	-0,105	0,294
CHR7	6183068	CHR7:6183068	SSF x Near_LoA	-9,37511234	0,005	0,304
CHR7	6186509	CHR7:6186509	SSF x Near_LoA	-11,165774	0,015	0,314
CHR7	6186522	CHR7:6186522	SSF x Near_LoA	-11,6480928	0,010	0,309
CHR7	6186535	CHR7:6186535	SSF x Near_LoA	-8,09856857	-0,175	0,295
CHR7	6186582	CHR7:6186582	SSF x Near_LoA	-5,50593439	0,118	0,302
CHR7	6186620	CHR7:6186620	SSF x Near_LoA	-10,7752116	-0,007	0,311
CHR7	6216005	CHR7:6216005	SSF x Near_LoA	-10,8767721	-0,090	0,297
CHR7	6248704	CHR7:6248704	SSF x Near_LoA	-11,5146397	-0,016	0,309
CHR7	6253975	CHR7:6253975	SSF x Near_LoA	-10,8164806	0,003	0,308
CHR7	6263665	CHR7:6263665	SSF x Near_LoA	-11,1149867	-0,051	0,295
CHR7	6289143	CHR7:6289143	SSF x Near_LoA	-9,79672855	-0,089	0,305
CHR7	6289234	CHR7:6289234	SSF x Near_LoA	-10,4479789	0,040	0,316
CHR7	6310647	CHR7:6310647	SSF x Near_LoA	-9,8317361	0,038	0,304
CHR7	6310671	CHR7:6310671	SSF x Near_LoA	-8,92844303	-0,026	0,305
CHR7	6321557	CHR7:6321557	SSF x Near_LoA	-8,89821649	-0,066	0,311
CHR7	6321619	CHR7:6321619	SSF x Near_LoA	-8,55578453	-0,011	0,304
CHR7	6321647	CHR7:6321647	SSF x Near_LoA	-10,1444277	0,114	0,302
CHR7	6326763	CHR7:6326763	SSF x Near_LoA	-9,19144012	0,120	0,305
CHR7	6329121	CHR7:6329121	SSF x Near_LoA	-11,5317408	-0,006	0,296
CHR7	6329134	CHR7:6329134	SSF x Near_LoA	-9,47313881	0,062	0,300
CHR7	6329247	CHR7:6329247	SSF x Near_LoA	-8,82810154	0,015	0,314
CHR7	6333872	CHR7:6333872	SSF x Near_LoA	-10,1952419	-0,010	0,295
CHR7	6333923	CHR7:6333923	SSF x Near_LoA	-8,86686612	0,008	0,307
CHR7	6335412	CHR7:6335412	SSF x Near_LoA	-11,4865827	0,007	0,307
CHR7	6335511	CHR7:6335511	SSF x Near_LoA	-9,27865957	0,021	0,316
CHR7	6335535	CHR7:6335535	SSF x Near_LoA	-6,9341097	0,098	0,316
CHR7	6336431	CHR7:6336431	SSF x Near_LoA	-8,66542778	-0,089	0,313
CHR7	6336464	CHR7:6336464	SSF x Near_LoA	-8,4414039	-0,047	0,309
CHR7	6337002	CHR7:6337002	SSF x Near_LoA	-10,4352779	-0,033	0,303
CHR7	6359057	CHR7:6359057	SSF x Near_LoA	-10,2437731	0,036	0,308
CHR7	6359085	CHR7:6359085	SSF x Near_LoA	-9,81127318	0,020	0,314
CHR7	6359164	CHR7:6359164	SSF x Near_LoA	-10,5564085	-0,003	0,301
CHR7	6367355	CHR7:6367355	SSF x Near_LoA	-9,82328558	-0,073	0,306
CHR7	6367359	CHR7:6367359	SSF x Near_LoA	-9,4091973	-0,020	0,305

CHR7	6372548	CHR7:6372548	SSF x Near_LoA	-2,31573572	0,095	0,307
CHR7	6380473	CHR7:6380473	SSF x Near_LoA	-8,03049403	0,114	0,311
CHR7	6380486	CHR7:6380486	SSF x Near_LoA	-10,302675	-0,069	0,312
CHR7	6380544	CHR7:6380544	SSF x Near_LoA	-7,95184292	0,076	0,310
CHR7	6380562	CHR7:6380562	SSF x Near_LoA	-9,32576263	-0,049	0,306
CHR7	6380586	CHR7:6380586	SSF x Near_LoA	-7,48502631	-0,037	0,311
CHR7	6389487	CHR7:6389487	SSF x Near_LoA	-11,3086612	-0,049	0,299
CHR7	6390554	CHR7:6390554	SSF x Near_LoA	-7,33125098	0,149	0,298
CHR7	6399271	CHR7:6399271	SSF x Near_LoA	-10,7213289	-0,032	0,313
CHR7	6399323	CHR7:6399323	SSF x Near_LoA	-10,7728459	-0,011	0,310
CHR7	6409056	CHR7:6409056	SSF x Near_LoA	-9,05673525	-0,101	0,312
CHR7	6409075	CHR7:6409075	SSF x Near_LoA	-5,12907733	-0,032	0,307
CHR7	6409111	CHR7:6409111	SSF x Near_LoA	3,72959705	0,103	0,305
CHR7	6409115	CHR7:6409115	SSF x Near_LoA	-7,67119252	0,108	0,304
CHR7	6411974	CHR7:6411974	SSF x Near_LoA	-9,88845639	-0,016	0,322
CHR7	6411980	CHR7:6411980	SSF x Near_LoA	-8,57489874	0,115	0,286
CHR7	6411981	CHR7:6411981	SSF x Near_LoA	-11,0069911	0,018	0,318
CHR7	6412021	CHR7:6412021	SSF x Near_LoA	-7,65808321	-0,053	0,323
CHR7	6415207	CHR7:6415207	SSF x Near_LoA	-9,80242412	0,038	0,320
CHR7	6415284	CHR7:6415284	SSF x Near_LoA	-9,89822187	-0,080	0,314
CHR7	6415311	CHR7:6415311	SSF x Near_LoA	-7,93767407	-0,011	0,310
CHR7	6418585	CHR7:6418585	SSF x Near_LoA	-8,81794618	0,078	0,317
CHR7	6418632	CHR7:6418632	SSF x Near_LoA	-6,74018263	0,063	0,314
CHR7	6418691	CHR7:6418691	SSF x Near_LoA	-7,63876422	0,030	0,321
CHR7	6420683	CHR7:6420683	SSF x Near_LoA	-7,6514995	-0,141	0,302
CHR7	6423460	CHR7:6423460	SSF x Near_LoA	-9,8299887	0,058	0,320
CHR7	6425610	CHR7:6425610	SSF x Near_LoA	-4,09936064	-0,059	0,309
CHR7	6426506	CHR7:6426506	SSF x Near_LoA	-5,8722304	-0,136	0,318
CHR7	6427670	CHR7:6427670	SSF x Near_LoA	-9,51701369	0,055	0,298
CHR7	6427730	CHR7:6427730	SSF x Near_LoA	-8,46902308	0,007	0,320
CHR7	6427769	CHR7:6427769	SSF x Near_LoA	-9,42714858	0,085	0,314
CHR7	6427835	CHR7:6427835	SSF x Near_LoA	-8,19854621	0,060	0,323
CHR7	6430994	CHR7:6430994	SSF x Near_LoA	-9,17418401	0,031	0,309
CHR7	6431186	CHR7:6431186	SSF x Near_LoA	-8,73204096	-0,107	0,306
CHR7	6433151	CHR7:6433151	SSF x Near_LoA	-9,67316166	0,066	0,316
CHR7	6434082	CHR7:6434082	SSF x Near_LoA	-7,83319312	0,045	0,312
CHR7	6438638	CHR7:6438638	SSF x Near_LoA	-8,96862135	0,038	0,311
CHR7	6438641	CHR7:6438641	SSF x Near_LoA	-8,68444961	-0,027	0,299
CHR7	6438684	CHR7:6438684	SSF x Near_LoA	-9,12224346	0,055	0,300
CHR7	6451631	CHR7:6451631	SSF x Near_LoA	-8,05372171	0,069	0,310
CHR7	6451637	CHR7:6451637	SSF x Near_LoA	-11,4279768	-0,083	0,308
CHR7	6451645	CHR7:6451645	SSF x Near_LoA	-9,36954223	0,118	0,304
CHR7	6451660	CHR7:6451660	SSF x Near_LoA	-10,8975664	0,023	0,299
CHR7	6451751	CHR7:6451751	SSF x Near_LoA	-8,86005609	0,119	0,306
CHR7	6451769	CHR7:6451769	SSF x Near_LoA	-7,20737373	-0,052	0,298
CHR7	6451770	CHR7:6451770	SSF x Near_LoA	-9,72747868	0,012	0,301
CHR7	6451876	CHR7:6451876	SSF x Near_LoA	-8,71700281	0,052	0,302
CHR7	6489538	CHR7:6489538	SSF x Near_LoA	-10,3664841	-0,011	0,313
CHR7	6491912	CHR7:6491912	SSF x Near_LoA	-2,92890326	0,173	0,293
CHR7	650474	CHR7:650474	SSF x Near_LoA	-11,7885577	0,058	0,313
CHR7	6505457	CHR7:6505457	SSF x Near_LoA	-5,78422676	0,245	0,277
CHR7	6505648	CHR7:6505648	SSF x Near_LoA	-9,82057477	-0,097	0,299
CHR7	6505690	CHR7:6505690	SSF x Near_LoA	-9,58980812	-0,112	0,313

CHR7	650744	CHR7:650744	SSF x Near_LoA	-7,19150519	-0,088	0,300
CHR7	650775	CHR7:650775	SSF x Near_LoA	-9,50639801	0,040	0,305
CHR7	650782	CHR7:650782	SSF x Near_LoA	-7,42973722	0,067	0,315
CHR7	650785	CHR7:650785	SSF x Near_LoA	-8,01509752	0,056	0,309
CHR7	650790	CHR7:650790	SSF x Near_LoA	-3,09756524	0,041	0,314
CHR7	6510589	CHR7:6510589	SSF x Near_LoA	-10,304424	-0,031	0,301
CHR7	651991	CHR7:651991	SSF x Near_LoA	-5,19338974	0,067	0,317
CHR7	652252	CHR7:652252	SSF x Near_LoA	-11,8107352	0,043	0,288
CHR7	6531412	CHR7:6531412	SSF x Near_LoA	-11,2115176	-0,014	0,323
CHR7	6531523	CHR7:6531523	SSF x Near_LoA	-9,45246383	-0,028	0,310
CHR7	6531524	CHR7:6531524	SSF x Near_LoA	-9,44673959	-0,005	0,313
CHR7	6537743	CHR7:6537743	SSF x Near_LoA	-10,2373803	0,027	0,327
CHR7	6537859	CHR7:6537859	SSF x Near_LoA	-10,7877759	0,037	0,299
CHR7	6537933	CHR7:6537933	SSF x Near_LoA	-11,4551267	0,050	0,303
CHR7	6537937	CHR7:6537937	SSF x Near_LoA	-10,173277	0,025	0,317
CHR7	653921	CHR7:653921	SSF x Near_LoA	-10,7140864	-0,053	0,314
CHR7	6552518	CHR7:6552518	SSF x Near_LoA	-7,61733117	0,007	0,302
CHR7	6552528	CHR7:6552528	SSF x Near_LoA	-8,0937702	0,006	0,298
CHR7	658215	CHR7:658215	SSF x Near_LoA	-6,55981141	-0,080	0,319
CHR7	658217	CHR7:658217	SSF x Near_LoA	-7,86436472	-0,068	0,317
CHR7	658307	CHR7:658307	SSF x Near_LoA	-7,04659325	-0,113	0,306
CHR7	6590368	CHR7:6590368	SSF x Near_LoA	-7,42993738	0,154	0,287
CHR7	6590460	CHR7:6590460	SSF x Near_LoA	-7,04547442	0,170	0,304
CHR7	6590483	CHR7:6590483	SSF x Near_LoA	-11,1578322	0,028	0,311
CHR7	6615679	CHR7:6615679	SSF x Near_LoA	-10,0427241	-0,049	0,313
CHR7	6615700	CHR7:6615700	SSF x Near_LoA	-5,74771526	0,037	0,294
CHR7	6616274	CHR7:6616274	SSF x Near_LoA	-10,3045118	-0,072	0,316
CHR7	6626271	CHR7:6626271	SSF x Near_LoA	-9,37429469	0,064	0,311
CHR7	6626376	CHR7:6626376	SSF x Near_LoA	-8,31564107	0,084	0,307
CHR7	6626384	CHR7:6626384	SSF x Near_LoA	-8,9332425	0,045	0,305
CHR7	6626432	CHR7:6626432	SSF x Near_LoA	-1,05329952	0,154	0,284
CHR7	6626433	CHR7:6626433	SSF x Near_LoA	-6,76046151	-0,154	0,311
CHR7	6626470	CHR7:6626470	SSF x Near_LoA	-9,30961494	0,075	0,305
CHR7	6633903	CHR7:6633903	SSF x Near_LoA	-11,5213965	0,032	0,309
CHR7	6633946	CHR7:6633946	SSF x Near_LoA	-9,04072964	-0,050	0,299
CHR7	6634012	CHR7:6634012	SSF x Near_LoA	-8,53626014	-0,126	0,300
CHR7	6647399	CHR7:6647399	SSF x Near_LoA	-12,3053469	0,006	0,309
CHR7	66560	CHR7:66560	SSF x Near_LoA	-8,67639251	0,022	0,322
CHR7	6656645	CHR7:6656645	SSF x Near_LoA	-9,05989098	0,085	0,314
CHR7	6656675	CHR7:6656675	SSF x Near_LoA	-11,0342869	-0,085	0,304
CHR7	6658948	CHR7:6658948	SSF x Near_LoA	-8,6018111	-0,121	0,299
CHR7	6659052	CHR7:6659052	SSF x Near_LoA	-10,8279614	0,028	0,318
CHR7	6659153	CHR7:6659153	SSF x Near_LoA	-9,3150223	-0,041	0,327
CHR7	6659156	CHR7:6659156	SSF x Near_LoA	-9,67935198	0,062	0,301
CHR7	6659182	CHR7:6659182	SSF x Near_LoA	-11,1697272	0,042	0,295
CHR7	666381	CHR7:666381	SSF x Near_LoA	-12,1804687	-0,014	0,297
CHR7	666435	CHR7:666435	SSF x Near_LoA	-7,65407096	-0,024	0,312
CHR7	6679853	CHR7:6679853	SSF x Near_LoA	-8,14728312	0,012	0,310
CHR7	6679859	CHR7:6679859	SSF x Near_LoA	-10,3484036	-0,050	0,308
CHR7	6679898	CHR7:6679898	SSF x Near_LoA	-8,97843493	-0,052	0,318
CHR7	6679914	CHR7:6679914	SSF x Near_LoA	-11,7657385	0,108	0,292
CHR7	6680026	CHR7:6680026	SSF x Near_LoA	-9,88700592	0,005	0,305
CHR7	6682882	CHR7:6682882	SSF x Near_LoA	-7,24501195	-0,131	0,294

CHR7	6682910	CHR7:6682910	SSF x Near_LoA	-9,91877987	-0,023	0,306
CHR7	6682939	CHR7:6682939	SSF x Near_LoA	-7,64488349	-0,115	0,304
CHR7	6700048	CHR7:6700048	SSF x Near_LoA	-7,90604328	-0,164	0,292
CHR7	6700075	CHR7:6700075	SSF x Near_LoA	-8,59081017	0,190	0,289
CHR7	6700245	CHR7:6700245	SSF x Near_LoA	-11,1936369	-0,030	0,317
CHR7	6705935	CHR7:6705935	SSF x Near_LoA	-10,2103405	-0,131	0,300
CHR7	6705988	CHR7:6705988	SSF x Near_LoA	-11,9077539	-0,022	0,313
CHR7	6706017	CHR7:6706017	SSF x Near_LoA	-11,26009	0,012	0,319
CHR7	6706170	CHR7:6706170	SSF x Near_LoA	-5,62836988	0,040	0,323
CHR7	6714919	CHR7:6714919	SSF x Near_LoA	-9,03879688	-0,118	0,315
CHR7	6714970	CHR7:6714970	SSF x Near_LoA	-8,21803319	-0,081	0,301
CHR7	6715001	CHR7:6715001	SSF x Near_LoA	-10,7894387	0,130	0,289
CHR7	6715005	CHR7:6715005	SSF x Near_LoA	-6,71517461	0,147	0,302
CHR7	675008	CHR7:675008	SSF x Near_LoA	-10,4862288	0,021	0,319
CHR7	675319	CHR7:675319	SSF x Near_LoA	-10,0187798	0,004	0,302
CHR7	6753410	CHR7:6753410	SSF x Near_LoA	-9,12731629	-0,013	0,311
CHR7	6770160	CHR7:6770160	SSF x Near_LoA	-8,60026646	0,019	0,304
CHR7	6777267	CHR7:6777267	SSF x Near_LoA	-5,70669424	0,144	0,322
CHR7	6777275	CHR7:6777275	SSF x Near_LoA	-8,39427826	-0,093	0,296
CHR7	6777289	CHR7:6777289	SSF x Near_LoA	-9,8388801	0,094	0,295
CHR7	6777297	CHR7:6777297	SSF x Near_LoA	-7,6392777	-0,090	0,309
CHR7	6777340	CHR7:6777340	SSF x Near_LoA	-10,9726357	-0,053	0,307
CHR7	6777358	CHR7:6777358	SSF x Near_LoA	-8,74977431	0,051	0,303
CHR7	6777416	CHR7:6777416	SSF x Near_LoA	-11,6188599	-0,054	0,294
CHR7	6799748	CHR7:6799748	SSF x Near_LoA	-8,16357605	0,030	0,312
CHR7	6799753	CHR7:6799753	SSF x Near_LoA	-4,83686823	-0,059	0,301
CHR7	6799767	CHR7:6799767	SSF x Near_LoA	-9,20762946	-0,034	0,306
CHR7	6809463	CHR7:6809463	SSF x Near_LoA	-9,02228681	0,019	0,300
CHR7	6809612	CHR7:6809612	SSF x Near_LoA	-9,5669147	-0,096	0,311
CHR7	6809640	CHR7:6809640	SSF x Near_LoA	-11,115575	0,011	0,317
CHR7	6809641	CHR7:6809641	SSF x Near_LoA	-10,688385	-0,001	0,309
CHR7	6809662	CHR7:6809662	SSF x Near_LoA	-5,70405805	0,105	0,324
CHR7	6809682	CHR7:6809682	SSF x Near_LoA	-6,32761649	0,136	0,289
CHR7	6835461	CHR7:6835461	SSF x Near_LoA	-9,86382227	0,007	0,309
CHR7	6835545	CHR7:6835545	SSF x Near_LoA	-9,94623828	-0,031	0,298
CHR7	6835551	CHR7:6835551	SSF x Near_LoA	-9,94610687	0,046	0,311
CHR7	6839122	CHR7:6839122	SSF x Near_LoA	-7,83844782	0,000	0,322
CHR7	6839129	CHR7:6839129	SSF x Near_LoA	-10,3041119	0,035	0,300
CHR7	6839315	CHR7:6839315	SSF x Near_LoA	-7,11049037	-0,073	0,324
CHR7	6839316	CHR7:6839316	SSF x Near_LoA	-9,67606252	-0,019	0,317
CHR7	6844046	CHR7:6844046	SSF x Near_LoA	-7,30858072	-0,041	0,302
CHR7	6844338	CHR7:6844338	SSF x Near_LoA	-9,44944889	0,002	0,322
CHR7	6844344	CHR7:6844344	SSF x Near_LoA	-10,8924167	0,040	0,307
CHR7	6844352	CHR7:6844352	SSF x Near_LoA	-9,31893952	0,022	0,299
CHR7	6844378	CHR7:6844378	SSF x Near_LoA	-9,84453387	-0,036	0,306
CHR7	684915	CHR7:684915	SSF x Near_LoA	-11,5291995	-0,059	0,306
CHR7	684956	CHR7:684956	SSF x Near_LoA	-9,10596721	-0,012	0,305
CHR7	685010	CHR7:685010	SSF x Near_LoA	-11,4881584	-0,078	0,289
CHR7	685039	CHR7:685039	SSF x Near_LoA	-8,69373471	-0,069	0,310
CHR7	685114	CHR7:685114	SSF x Near_LoA	-11,0492389	-0,047	0,316
CHR7	685125	CHR7:685125	SSF x Near_LoA	-9,33202413	0,038	0,294
CHR7	6862143	CHR7:6862143	SSF x Near_LoA	-8,66458227	0,043	0,316
CHR7	6862155	CHR7:6862155	SSF x Near_LoA	-10,8147228	-0,052	0,308

CHR7	6862158	CHR7:6862158	SSF x Near_LoA	-8,36534619	-0,056	0,298
CHR7	6862170	CHR7:6862170	SSF x Near_LoA	-4,65643753	-0,054	0,316
CHR7	6862177	CHR7:6862177	SSF x Near_LoA	-8,35427208	0,171	0,297
CHR7	6868645	CHR7:6868645	SSF x Near_LoA	-11,872825	0,019	0,302
CHR7	6870044	CHR7:6870044	SSF x Near_LoA	-10,7899861	0,008	0,312
CHR7	6870265	CHR7:6870265	SSF x Near_LoA	-9,48751277	-0,058	0,307
CHR7	6870275	CHR7:6870275	SSF x Near_LoA	-7,75677335	0,046	0,292
CHR7	6873736	CHR7:6873736	SSF x Near_LoA	-9,66713261	0,097	0,307
CHR7	6873749	CHR7:6873749	SSF x Near_LoA	-9,21818047	-0,003	0,311
CHR7	6873765	CHR7:6873765	SSF x Near_LoA	-7,76673591	0,022	0,308
CHR7	6873788	CHR7:6873788	SSF x Near_LoA	-10,7273681	-0,047	0,311
CHR7	6873791	CHR7:6873791	SSF x Near_LoA	-10,7229291	0,047	0,321
CHR7	6873795	CHR7:6873795	SSF x Near_LoA	-9,71116336	0,063	0,294
CHR7	6873796	CHR7:6873796	SSF x Near_LoA	-8,71161645	0,095	0,299
CHR7	6873806	CHR7:6873806	SSF x Near_LoA	-9,55259393	-0,001	0,312
CHR7	6873884	CHR7:6873884	SSF x Near_LoA	-10,1767204	-0,037	0,314
CHR7	6873886	CHR7:6873886	SSF x Near_LoA	-6,9151323	-0,066	0,299
CHR7	6873936	CHR7:6873936	SSF x Near_LoA	-8,94383751	-0,002	0,307
CHR7	6876623	CHR7:6876623	SSF x Near_LoA	-11,7506716	0,071	0,294
CHR7	6876626	CHR7:6876626	SSF x Near_LoA	-9,57033221	0,003	0,303
CHR7	6876738	CHR7:6876738	SSF x Near_LoA	-7,73050787	0,181	0,296
CHR7	6876743	CHR7:6876743	SSF x Near_LoA	-10,6940241	-0,012	0,314
CHR7	6877372	CHR7:6877372	SSF x Near_LoA	-8,57794327	0,113	0,286
CHR7	6877412	CHR7:6877412	SSF x Near_LoA	-10,2214871	0,011	0,304
CHR7	6877414	CHR7:6877414	SSF x Near_LoA	-9,48726206	-0,078	0,300
CHR7	689030	CHR7:689030	SSF x Near_LoA	-10,3061057	-0,055	0,302
CHR7	6901130	CHR7:6901130	SSF x Near_LoA	-7,63211839	0,091	0,311
CHR7	6901267	CHR7:6901267	SSF x Near_LoA	-7,1555928	0,044	0,308
CHR7	6901274	CHR7:6901274	SSF x Near_LoA	-9,09484621	-0,021	0,295
CHR7	690356	CHR7:690356	SSF x Near_LoA	-9,40899891	0,047	0,301
CHR7	690377	CHR7:690377	SSF x Near_LoA	-8,09078339	-0,091	0,323
CHR7	6904633	CHR7:6904633	SSF x Near_LoA	-8,42435995	0,075	0,297
CHR7	6904918	CHR7:6904918	SSF x Near_LoA	-7,88601606	-0,092	0,305
CHR7	6904925	CHR7:6904925	SSF x Near_LoA	-8,10206431	-0,116	0,303
CHR7	6910827	CHR7:6910827	SSF x Near_LoA	-6,27409053	0,114	0,311
CHR7	6910854	CHR7:6910854	SSF x Near_LoA	-11,7427157	0,002	0,297
CHR7	6910869	CHR7:6910869	SSF x Near_LoA	-7,33423434	-0,104	0,318
CHR7	6910968	CHR7:6910968	SSF x Near_LoA	-7,38856625	-0,009	0,297
CHR7	6911012	CHR7:6911012	SSF x Near_LoA	-8,8041242	0,008	0,317
CHR7	6914481	CHR7:6914481	SSF x Near_LoA	-11,8546633	0,040	0,296
CHR7	691978	CHR7:691978	SSF x Near_LoA	-10,4602316	-0,006	0,317
CHR7	693783	CHR7:693783	SSF x Near_LoA	-11,5819209	0,030	0,296
CHR7	693975	CHR7:693975	SSF x Near_LoA	-11,584849	0,031	0,303
CHR7	694016	CHR7:694016	SSF x Near_LoA	-11,4993172	0,048	0,305
CHR7	6941601	CHR7:6941601	SSF x Near_LoA	-9,14623863	0,052	0,297
CHR7	6941602	CHR7:6941602	SSF x Near_LoA	-8,92629324	0,013	0,303
CHR7	6941674	CHR7:6941674	SSF x Near_LoA	-10,0682328	0,128	0,307
CHR7	6941846	CHR7:6941846	SSF x Near_LoA	-8,68225127	-0,059	0,301
CHR7	6949472	CHR7:6949472	SSF x Near_LoA	-10,5943705	0,029	0,312
CHR7	6963864	CHR7:6963864	SSF x Near_LoA	-8,53865417	-0,161	0,291
CHR7	6963877	CHR7:6963877	SSF x Near_LoA	-11,2045824	-0,050	0,315
CHR7	6963878	CHR7:6963878	SSF x Near_LoA	-11,2361206	-0,077	0,302
CHR7	6963882	CHR7:6963882	SSF x Near_LoA	-9,66733359	-0,074	0,318

CHR7	6963884	CHR7:6963884	SSF x Near_LoA	-11,8411356	-0,061	0,305
CHR7	6963907	CHR7:6963907	SSF x Near_LoA	-9,85964121	0,025	0,298
CHR7	6963926	CHR7:6963926	SSF x Near_LoA	-8,46724515	-0,090	0,306
CHR7	6963937	CHR7:6963937	SSF x Near_LoA	-8,61944422	-0,011	0,305
CHR7	6963945	CHR7:6963945	SSF x Near_LoA	-8,36294395	-0,171	0,297
CHR7	6963946	CHR7:6963946	SSF x Near_LoA	-7,21140858	0,058	0,313
CHR7	6963994	CHR7:6963994	SSF x Near_LoA	-4,44253416	-0,071	0,311
CHR7	6963995	CHR7:6963995	SSF x Near_LoA	-10,3328546	-0,067	0,312
CHR7	6964076	CHR7:6964076	SSF x Near_LoA	-8,15895576	0,051	0,298
CHR7	6968295	CHR7:6968295	SSF x Near_LoA	-9,58761424	0,014	0,314
CHR7	6968297	CHR7:6968297	SSF x Near_LoA	-11,6658479	-0,055	0,312
CHR7	6968350	CHR7:6968350	SSF x Near_LoA	-9,71819995	-0,010	0,309
CHR7	6968360	CHR7:6968360	SSF x Near_LoA	-10,0233211	-0,006	0,304
CHR7	6968361	CHR7:6968361	SSF x Near_LoA	-8,12121568	0,013	0,301
CHR7	697733	CHR7:697733	SSF x Near_LoA	-8,36652092	0,079	0,310
CHR7	697835	CHR7:697835	SSF x Near_LoA	-0,54990933	-0,114	0,291
CHR7	6979761	CHR7:6979761	SSF x Near_LoA	-10,9051299	0,000	0,301
CHR7	6982025	CHR7:6982025	SSF x Near_LoA	-10,2308102	-0,094	0,304
CHR7	6991650	CHR7:6991650	SSF x Near_LoA	-10,7279456	-0,080	0,321
CHR7	7002402	CHR7:7002402	SSF x Near_LoA	-10,5269341	0,046	0,302
CHR7	7002403	CHR7:7002403	SSF x Near_LoA	-11,0692258	0,044	0,295
CHR7	7002495	CHR7:7002495	SSF x Near_LoA	-9,16318976	-0,050	0,316
CHR7	7002576	CHR7:7002576	SSF x Near_LoA	-5,81326902	-0,186	0,309
CHR7	7005553	CHR7:7005553	SSF x Near_LoA	-7,51392584	0,109	0,308
CHR7	7005570	CHR7:7005570	SSF x Near_LoA	-10,9896459	-0,017	0,308
CHR7	7005604	CHR7:7005604	SSF x Near_LoA	-9,00724188	0,106	0,312
CHR7	7006644	CHR7:7006644	SSF x Near_LoA	-10,2295839	0,120	0,297
CHR7	7006667	CHR7:7006667	SSF x Near_LoA	-8,5681356	0,056	0,310
CHR7	7006678	CHR7:7006678	SSF x Near_LoA	-10,3495296	0,026	0,295
CHR7	7006688	CHR7:7006688	SSF x Near_LoA	-5,7473698	-0,048	0,310
CHR7	7006693	CHR7:7006693	SSF x Near_LoA	-8,94986285	0,001	0,307
CHR7	7006698	CHR7:7006698	SSF x Near_LoA	-8,23238174	-0,052	0,302
CHR7	7006707	CHR7:7006707	SSF x Near_LoA	-9,72168689	0,008	0,301
CHR7	7006716	CHR7:7006716	SSF x Near_LoA	-9,4814899	-0,052	0,294
CHR7	7006717	CHR7:7006717	SSF x Near_LoA	-9,43574854	-0,038	0,301
CHR7	7016492	CHR7:7016492	SSF x Near_LoA	-11,7074646	-0,090	0,312
CHR7	7016526	CHR7:7016526	SSF x Near_LoA	-9,85971178	0,059	0,295
CHR7	7016600	CHR7:7016600	SSF x Near_LoA	-10,049557	0,054	0,307
CHR7	7016610	CHR7:7016610	SSF x Near_LoA	-9,27740976	-0,029	0,315
CHR7	7016616	CHR7:7016616	SSF x Near_LoA	-8,25292035	-0,027	0,299
CHR7	7016628	CHR7:7016628	SSF x Near_LoA	-6,03900878	0,061	0,322
CHR7	7016715	CHR7:7016715	SSF x Near_LoA	-8,76394631	0,000	0,321
CHR7	7016767	CHR7:7016767	SSF x Near_LoA	-7,7959263	-0,040	0,301
CHR7	7021979	CHR7:7021979	SSF x Near_LoA	-8,36539953	0,033	0,300
CHR7	7022310	CHR7:7022310	SSF x Near_LoA	-7,73753572	0,082	0,304
CHR7	7032764	CHR7:7032764	SSF x Near_LoA	-8,69051841	-0,081	0,323
CHR7	7032909	CHR7:7032909	SSF x Near_LoA	-9,59546429	-0,045	0,315
CHR7	703546	CHR7:703546	SSF x Near_LoA	-11,1691147	0,008	0,309
CHR7	7042155	CHR7:7042155	SSF x Near_LoA	-10,2651597	0,105	0,311
CHR7	7075592	CHR7:7075592	SSF x Near_LoA	-8,7397295	0,071	0,317
CHR7	7078307	CHR7:7078307	SSF x Near_LoA	-8,81882705	0,046	0,304
CHR7	7084941	CHR7:7084941	SSF x Near_LoA	-8,54635928	0,166	0,315
CHR7	7094828	CHR7:7094828	SSF x Near_LoA	-7,21229251	0,154	0,301

CHR7	7094893	CHR7:7094893	SSF x Near_LoA	-10,9843524	0,051	0,306
CHR7	7094963	CHR7:7094963	SSF x Near_LoA	-7,09840781	-0,146	0,302
CHR7	7094977	CHR7:7094977	SSF x Near_LoA	-6,71636704	0,169	0,286
CHR7	7095050	CHR7:7095050	SSF x Near_LoA	-9,91117671	-0,027	0,293
CHR7	7099092	CHR7:7099092	SSF x Near_LoA	-7,51934126	-0,046	0,304
CHR7	7099121	CHR7:7099121	SSF x Near_LoA	-7,79403301	-0,040	0,324
CHR7	7099148	CHR7:7099148	SSF x Near_LoA	-6,75696679	0,102	0,306
CHR7	7099154	CHR7:7099154	SSF x Near_LoA	-9,14714049	0,065	0,318
CHR7	7099204	CHR7:7099204	SSF x Near_LoA	-8,90693525	0,034	0,299
CHR7	7099212	CHR7:7099212	SSF x Near_LoA	-2,71215328	-0,079	0,311
CHR7	7099233	CHR7:7099233	SSF x Near_LoA	-9,84492648	0,068	0,301
CHR7	7099273	CHR7:7099273	SSF x Near_LoA	-11,3970427	0,034	0,305
CHR7	7102380	CHR7:7102380	SSF x Near_LoA	-6,3391365	0,108	0,318
CHR7	7104542	CHR7:7104542	SSF x Near_LoA	-8,92345528	-0,101	0,303
CHR7	7120694	CHR7:7120694	SSF x Near_LoA	-9,46030126	0,053	0,312
CHR7	713296	CHR7:713296	SSF x Near_LoA	-6,36688732	-0,083	0,309
CHR7	713355	CHR7:713355	SSF x Near_LoA	-9,98389636	0,032	0,307
CHR7	7134431	CHR7:7134431	SSF x Near_LoA	-7,45159923	-0,082	0,303
CHR7	7134500	CHR7:7134500	SSF x Near_LoA	-8,6134155	-0,114	0,304
CHR7	7134527	CHR7:7134527	SSF x Near_LoA	-6,90025373	-0,043	0,292
CHR7	7161893	CHR7:7161893	SSF x Near_LoA	-8,82767145	0,069	0,296
CHR7	7168046	CHR7:7168046	SSF x Near_LoA	-8,02747426	0,035	0,319
CHR7	7175432	CHR7:7175432	SSF x Near_LoA	-11,767112	0,053	0,304
CHR7	7184479	CHR7:7184479	SSF x Near_LoA	-7,5572789	-0,120	0,302
CHR7	7184527	CHR7:7184527	SSF x Near_LoA	-9,08676791	-0,034	0,298
CHR7	7184532	CHR7:7184532	SSF x Near_LoA	-9,74171477	-0,024	0,305
CHR7	7209600	CHR7:7209600	SSF x Near_LoA	-6,55996709	-0,001	0,323
CHR7	7209661	CHR7:7209661	SSF x Near_LoA	-9,16451207	-0,015	0,306
CHR7	7209682	CHR7:7209682	SSF x Near_LoA	-9,10266301	0,005	0,321
CHR7	7211732	CHR7:7211732	SSF x Near_LoA	-10,2422282	0,041	0,306
CHR7	7211736	CHR7:7211736	SSF x Near_LoA	-10,3407251	0,038	0,307
CHR7	7211947	CHR7:7211947	SSF x Near_LoA	-10,8911428	0,040	0,301
CHR7	7217622	CHR7:7217622	SSF x Near_LoA	-3,22078604	-0,046	0,315
CHR7	7228130	CHR7:7228130	SSF x Near_LoA	-8,89347895	-0,045	0,311
CHR7	7231058	CHR7:7231058	SSF x Near_LoA	-7,02358544	0,179	0,297
CHR7	7292947	CHR7:7292947	SSF x Near_LoA	-11,8438953	0,001	0,299
CHR7	7292985	CHR7:7292985	SSF x Near_LoA	-9,96230883	-0,153	0,295
CHR7	7354686	CHR7:7354686	SSF x Near_LoA	-8,46385416	-0,058	0,306
CHR7	7354710	CHR7:7354710	SSF x Near_LoA	-9,82989063	-0,090	0,301
CHR7	7354720	CHR7:7354720	SSF x Near_LoA	-11,3520292	-0,034	0,292
CHR7	7354725	CHR7:7354725	SSF x Near_LoA	-10,9953798	-0,048	0,296
CHR7	735538	CHR7:735538	SSF x Near_LoA	-10,7111653	0,073	0,299
CHR7	7360355	CHR7:7360355	SSF x Near_LoA	13,05766	0,173	0,297
CHR7	7360367	CHR7:7360367	SSF x Near_LoA	-6,44178563	-0,167	0,292
CHR7	7371231	CHR7:7371231	SSF x Near_LoA	-11,1064222	-0,072	0,312
CHR7	7371382	CHR7:7371382	SSF x Near_LoA	-10,3496223	0,002	0,312
CHR7	7372385	CHR7:7372385	SSF x Near_LoA	-9,36954841	-0,031	0,323
CHR7	7372423	CHR7:7372423	SSF x Near_LoA	-9,14035726	0,064	0,297
CHR7	7372430	CHR7:7372430	SSF x Near_LoA	-10,7721015	0,057	0,298
CHR7	7390737	CHR7:7390737	SSF x Near_LoA	-8,53037043	-0,040	0,309
CHR7	7390810	CHR7:7390810	SSF x Near_LoA	-11,204962	0,068	0,314
CHR7	7400912	CHR7:7400912	SSF x Near_LoA	-10,2329908	0,120	0,300
CHR7	7402490	CHR7:7402490	SSF x Near_LoA	-10,3081835	0,078	0,308

CHR7	7402578	CHR7:7402578	SSF x Near_LoA	-5,3208311	0,108	0,312
CHR7	7402582	CHR7:7402582	SSF x Near_LoA	-3,98310169	0,112	0,313
CHR7	7402601	CHR7:7402601	SSF x Near_LoA	-3,88188728	-0,172	0,310
CHR7	7402622	CHR7:7402622	SSF x Near_LoA	-11,3443799	0,005	0,298
CHR7	740330	CHR7:740330	SSF x Near_LoA	-11,0621734	-0,078	0,306
CHR7	740386	CHR7:740386	SSF x Near_LoA	-9,68473107	-0,012	0,306
CHR7	740525	CHR7:740525	SSF x Near_LoA	-7,92602991	-0,001	0,327
CHR7	740559	CHR7:740559	SSF x Near_LoA	-10,4500175	-0,008	0,307
CHR7	7421500	CHR7:7421500	SSF x Near_LoA	-8,55728032	0,062	0,300
CHR7	7421515	CHR7:7421515	SSF x Near_LoA	-8,6028551	0,051	0,307
CHR7	7421692	CHR7:7421692	SSF x Near_LoA	-9,34821537	0,012	0,305
CHR7	7438263	CHR7:7438263	SSF x Near_LoA	-8,88934908	-0,016	0,298
CHR7	7441131	CHR7:7441131	SSF x Near_LoA	-8,76241629	0,032	0,314
CHR7	7460818	CHR7:7460818	SSF x Near_LoA	-8,24081685	0,023	0,307
CHR7	7460848	CHR7:7460848	SSF x Near_LoA	-10,2656012	0,054	0,317
CHR7	7486799	CHR7:7486799	SSF x Near_LoA	-6,53921012	-0,003	0,306
CHR7	7497222	CHR7:7497222	SSF x Near_LoA	-9,80797716	-0,019	0,295
CHR7	751043	CHR7:751043	SSF x Near_LoA	-11,3315041	0,080	0,291
CHR7	751251	CHR7:751251	SSF x Near_LoA	-11,5184054	-0,003	0,313
CHR7	7521057	CHR7:7521057	SSF x Near_LoA	-9,52819797	0,027	0,321
CHR7	7524444	CHR7:7524444	SSF x Near_LoA	-8,40626183	0,137	0,308
CHR7	7524582	CHR7:7524582	SSF x Near_LoA	-10,0224454	0,021	0,293
CHR7	7527740	CHR7:7527740	SSF x Near_LoA	-5,40629062	-0,073	0,285
CHR7	7554469	CHR7:7554469	SSF x Near_LoA	-5,2954909	-0,199	0,292
CHR7	7556398	CHR7:7556398	SSF x Near_LoA	-7,94825827	0,019	0,296
CHR7	7556422	CHR7:7556422	SSF x Near_LoA	-10,7154329	0,052	0,295
CHR7	7557630	CHR7:7557630	SSF x Near_LoA	-9,00343327	0,134	0,303
CHR7	7557658	CHR7:7557658	SSF x Near_LoA	-8,83490163	0,050	0,306
CHR7	7561317	CHR7:7561317	SSF x Near_LoA	-8,19436408	-0,051	0,308
CHR7	7568249	CHR7:7568249	SSF x Near_LoA	-10,9144181	-0,028	0,326
CHR7	7576303	CHR7:7576303	SSF x Near_LoA	-3,37227392	0,021	0,314
CHR7	7576337	CHR7:7576337	SSF x Near_LoA	-8,69948959	0,123	0,309
CHR7	7576372	CHR7:7576372	SSF x Near_LoA	-8,32118711	0,053	0,310
CHR7	7576473	CHR7:7576473	SSF x Near_LoA	-6,16563632	-0,057	0,325
CHR7	7576477	CHR7:7576477	SSF x Near_LoA	-10,6154695	-0,004	0,295
CHR7	7576498	CHR7:7576498	SSF x Near_LoA	-8,56594494	-0,045	0,296
CHR7	7576520	CHR7:7576520	SSF x Near_LoA	-8,14560121	0,021	0,302
CHR7	7576532	CHR7:7576532	SSF x Near_LoA	-7,60487831	-0,067	0,298
CHR7	7576594	CHR7:7576594	SSF x Near_LoA	-8,51477739	0,011	0,304
CHR7	759486	CHR7:759486	SSF x Near_LoA	-5,84066024	-0,168	0,303
CHR7	7595245	CHR7:7595245	SSF x Near_LoA	-8,94167375	0,125	0,303
CHR7	7595283	CHR7:7595283	SSF x Near_LoA	-9,28184515	-0,048	0,316
CHR7	7595320	CHR7:7595320	SSF x Near_LoA	-9,82834324	0,082	0,309
CHR7	7595325	CHR7:7595325	SSF x Near_LoA	-10,0340638	0,085	0,296
CHR7	7595462	CHR7:7595462	SSF x Near_LoA	-10,7445993	0,117	0,297
CHR7	7615812	CHR7:7615812	SSF x Near_LoA	-9,08747673	0,083	0,311
CHR7	7615828	CHR7:7615828	SSF x Near_LoA	-8,0281634	0,112	0,317
CHR7	7615851	CHR7:7615851	SSF x Near_LoA	-8,09413116	0,025	0,314
CHR7	7615859	CHR7:7615859	SSF x Near_LoA	-8,27506644	-0,043	0,312
CHR7	7615869	CHR7:7615869	SSF x Near_LoA	-10,1846486	-0,078	0,301
CHR7	7615942	CHR7:7615942	SSF x Near_LoA	-7,45685484	0,022	0,301
CHR7	7615993	CHR7:7615993	SSF x Near_LoA	-9,18031059	0,079	0,296
CHR7	7621250	CHR7:7621250	SSF x Near_LoA	-8,88549103	0,015	0,312

CHR7	7633833	CHR7:7633833	SSF x Near_LoA	-8,13394002	0,020	0,303
CHR7	7639293	CHR7:7639293	SSF x Near_LoA	-6,95708365	0,056	0,328
CHR7	7646002	CHR7:7646002	SSF x Near_LoA	-11,2211774	-0,013	0,304
CHR7	7646003	CHR7:7646003	SSF x Near_LoA	-9,72622365	-0,054	0,303
CHR7	7646114	CHR7:7646114	SSF x Near_LoA	-9,63861974	0,127	0,306
CHR7	7646117	CHR7:7646117	SSF x Near_LoA	-8,83989556	-0,002	0,326
CHR7	7646142	CHR7:7646142	SSF x Near_LoA	-2,44105718	-0,065	0,314
CHR7	7646167	CHR7:7646167	SSF x Near_LoA	-8,74804989	0,063	0,312
CHR7	7646175	CHR7:7646175	SSF x Near_LoA	-10,9718647	-0,033	0,301
CHR7	7646229	CHR7:7646229	SSF x Near_LoA	-8,21784536	-0,025	0,301
CHR7	7651166	CHR7:7651166	SSF x Near_LoA	-9,98748315	-0,143	0,303
CHR7	7651219	CHR7:7651219	SSF x Near_LoA	-6,55436971	0,034	0,298
CHR7	7652557	CHR7:7652557	SSF x Near_LoA	-8,60783636	-0,077	0,315
CHR7	7652571	CHR7:7652571	SSF x Near_LoA	-10,5592338	-0,059	0,308
CHR7	7652711	CHR7:7652711	SSF x Near_LoA	-10,1955745	-0,099	0,314
CHR7	7652714	CHR7:7652714	SSF x Near_LoA	-9,17154989	0,150	0,294
CHR7	7652723	CHR7:7652723	SSF x Near_LoA	-11,4813513	0,068	0,304
CHR7	7661938	CHR7:7661938	SSF x Near_LoA	-9,05815556	-0,087	0,306
CHR7	7661965	CHR7:7661965	SSF x Near_LoA	-6,73212475	0,095	0,313
CHR7	7661980	CHR7:7661980	SSF x Near_LoA	-8,19369502	-0,130	0,303
CHR7	7665276	CHR7:7665276	SSF x Near_LoA	-11,5960468	0,006	0,304
CHR7	7665278	CHR7:7665278	SSF x Near_LoA	-8,97220825	-0,095	0,298
CHR7	7665339	CHR7:7665339	SSF x Near_LoA	-9,39597879	-0,043	0,308
CHR7	7665353	CHR7:7665353	SSF x Near_LoA	-3,19549294	0,081	0,308
CHR7	7665403	CHR7:7665403	SSF x Near_LoA	-11,7117775	-0,027	0,316
CHR7	7665426	CHR7:7665426	SSF x Near_LoA	-10,6694089	-0,032	0,313
CHR7	7665427	CHR7:7665427	SSF x Near_LoA	-11,4722328	-0,055	0,318
CHR7	7684963	CHR7:7684963	SSF x Near_LoA	-7,79789843	0,086	0,311
CHR7	7690573	CHR7:7690573	SSF x Near_LoA	-6,53220965	0,054	0,293
CHR7	7690700	CHR7:7690700	SSF x Near_LoA	-6,13986113	-0,120	0,293
CHR7	769077	CHR7:769077	SSF x Near_LoA	-8,90944671	0,022	0,310
CHR7	7690816	CHR7:7690816	SSF x Near_LoA	-11,2937995	-0,083	0,302
CHR7	7706855	CHR7:7706855	SSF x Near_LoA	-9,57358521	-0,057	0,299
CHR7	7706942	CHR7:7706942	SSF x Near_LoA	-10,0982598	-0,057	0,297
CHR7	7706995	CHR7:7706995	SSF x Near_LoA	-12,1924376	0,045	0,298
CHR7	7707016	CHR7:7707016	SSF x Near_LoA	-10,1031212	0,018	0,307
CHR7	771094	CHR7:771094	SSF x Near_LoA	-8,53431329	0,077	0,304
CHR7	771217	CHR7:771217	SSF x Near_LoA	-10,6894609	0,054	0,302
CHR7	7713273	CHR7:7713273	SSF x Near_LoA	-5,72622978	0,166	0,308
CHR7	7713290	CHR7:7713290	SSF x Near_LoA	-8,88072163	0,052	0,307
CHR7	7713332	CHR7:7713332	SSF x Near_LoA	-8,88504757	0,028	0,312
CHR7	7713351	CHR7:7713351	SSF x Near_LoA	-6,3854067	-0,138	0,302
CHR7	7729373	CHR7:7729373	SSF x Near_LoA	-11,1597421	0,019	0,303
CHR7	7729392	CHR7:7729392	SSF x Near_LoA	-8,73214159	0,012	0,308
CHR7	7730753	CHR7:7730753	SSF x Near_LoA	-8,33603659	-0,029	0,308
CHR7	7730765	CHR7:7730765	SSF x Near_LoA	-10,4009572	-0,002	0,316
CHR7	7730802	CHR7:7730802	SSF x Near_LoA	-11,5184549	0,000	0,314
CHR7	7730813	CHR7:7730813	SSF x Near_LoA	-9,52153982	-0,050	0,308
CHR7	7730818	CHR7:7730818	SSF x Near_LoA	-9,94506025	0,026	0,300
CHR7	7740511	CHR7:7740511	SSF x Near_LoA	-10,5434198	0,004	0,293
CHR7	7740523	CHR7:7740523	SSF x Near_LoA	-7,69108038	-0,141	0,286
CHR7	7740571	CHR7:7740571	SSF x Near_LoA	-9,79852715	-0,014	0,292
CHR7	7740593	CHR7:7740593	SSF x Near_LoA	-9,17556528	-0,034	0,306

CHR7	7740622	CHR7:7740622	SSF x Near_LoA	-11,275758	0,010	0,306
CHR7	7740673	CHR7:7740673	SSF x Near_LoA	-7,2568307	-0,035	0,307
CHR7	7740764	CHR7:7740764	SSF x Near_LoA	-8,58743289	0,132	0,305
CHR7	774964	CHR7:774964	SSF x Near_LoA	-4,21751313	0,024	0,310
CHR7	775000	CHR7:775000	SSF x Near_LoA	-9,48385196	-0,116	0,301
CHR7	775193	CHR7:775193	SSF x Near_LoA	-8,40429608	-0,103	0,304
CHR7	7755253	CHR7:7755253	SSF x Near_LoA	-10,0068691	-0,065	0,302
CHR7	7755411	CHR7:7755411	SSF x Near_LoA	-8,86177497	0,077	0,307
CHR7	7755504	CHR7:7755504	SSF x Near_LoA	-5,3093838	-0,119	0,301
CHR7	7755505	CHR7:7755505	SSF x Near_LoA	-10,4484559	-0,072	0,286
CHR7	7758062	CHR7:7758062	SSF x Near_LoA	-7,76939599	0,157	0,314
CHR7	7758201	CHR7:7758201	SSF x Near_LoA	-8,24860641	-0,025	0,316
CHR7	7763389	CHR7:7763389	SSF x Near_LoA	-12,0534038	0,007	0,314
CHR7	7771728	CHR7:7771728	SSF x Near_LoA	-9,54016237	-0,076	0,317
CHR7	7771752	CHR7:7771752	SSF x Near_LoA	-10,3575978	-0,074	0,315
CHR7	7775676	CHR7:7775676	SSF x Near_LoA	-10,6810628	0,096	0,311
CHR7	7775709	CHR7:7775709	SSF x Near_LoA	-7,8832228	-0,011	0,319
CHR7	7775719	CHR7:7775719	SSF x Near_LoA	-10,9311427	0,037	0,302
CHR7	7775905	CHR7:7775905	SSF x Near_LoA	-11,6152978	0,073	0,317
CHR7	7775946	CHR7:7775946	SSF x Near_LoA	-7,35004609	0,025	0,291
CHR7	7786422	CHR7:7786422	SSF x Near_LoA	-7,32706224	0,028	0,306
CHR7	7788326	CHR7:7788326	SSF x Near_LoA	6,57615288	-0,315	0,273
CHR7	7788333	CHR7:7788333	SSF x Near_LoA	-10,5905193	-0,070	0,306
CHR7	7788335	CHR7:7788335	SSF x Near_LoA	-8,35921384	-0,028	0,309
CHR7	7797938	CHR7:7797938	SSF x Near_LoA	-4,91609383	0,109	0,298
CHR7	7797988	CHR7:7797988	SSF x Near_LoA	-9,92311439	-0,004	0,298
CHR7	7805465	CHR7:7805465	SSF x Near_LoA	-8,17815616	-0,173	0,302
CHR7	78060	CHR7:78060	SSF x Near_LoA	-10,6195358	-0,063	0,316
CHR7	7812538	CHR7:7812538	SSF x Near_LoA	-7,88460257	0,143	0,310
CHR7	7812592	CHR7:7812592	SSF x Near_LoA	-10,1375712	0,060	0,317
CHR7	7834417	CHR7:7834417	SSF x Near_LoA	-10,0031112	-0,055	0,306
CHR7	7834489	CHR7:7834489	SSF x Near_LoA	-9,93599501	0,190	0,298
CHR7	7834525	CHR7:7834525	SSF x Near_LoA	-7,85173028	0,088	0,318
CHR7	7834552	CHR7:7834552	SSF x Near_LoA	-8,97774244	0,033	0,316
CHR7	7839864	CHR7:7839864	SSF x Near_LoA	-8,02447633	0,049	0,318
CHR7	7839921	CHR7:7839921	SSF x Near_LoA	-11,9614118	-0,057	0,304
CHR7	7839947	CHR7:7839947	SSF x Near_LoA	-7,87730653	-0,014	0,311
CHR7	7839965	CHR7:7839965	SSF x Near_LoA	-6,49737732	-0,013	0,316
CHR7	784432	CHR7:784432	SSF x Near_LoA	-9,0387361	-0,005	0,296
CHR7	784506	CHR7:784506	SSF x Near_LoA	-7,23082099	0,065	0,300
CHR7	784529	CHR7:784529	SSF x Near_LoA	-9,32483628	-0,084	0,317
CHR7	784548	CHR7:784548	SSF x Near_LoA	-6,31049455	0,098	0,299
CHR7	784604	CHR7:784604	SSF x Near_LoA	-7,67756632	0,056	0,312
CHR7	7848010	CHR7:7848010	SSF x Near_LoA	-6,44645184	0,095	0,308
CHR7	7848111	CHR7:7848111	SSF x Near_LoA	-6,7483543	0,125	0,301
CHR7	7848144	CHR7:7848144	SSF x Near_LoA	-9,61007529	-0,122	0,305
CHR7	7850585	CHR7:7850585	SSF x Near_LoA	-9,69327663	-0,096	0,308
CHR7	7850869	CHR7:7850869	SSF x Near_LoA	-10,746161	0,073	0,308
CHR7	7850884	CHR7:7850884	SSF x Near_LoA	-6,13917504	0,102	0,300
CHR7	7850885	CHR7:7850885	SSF x Near_LoA	-8,3197453	0,082	0,306
CHR7	788912	CHR7:788912	SSF x Near_LoA	-8,33811	-0,060	0,315
CHR7	788930	CHR7:788930	SSF x Near_LoA	-9,15458415	0,132	0,309
CHR7	789022	CHR7:789022	SSF x Near_LoA	-9,51491594	0,064	0,302

CHR7	7913709	CHR7:7913709	SSF x Near_LoA	-9,70624681	-0,073	0,293
CHR7	7913833	CHR7:7913833	SSF x Near_LoA	-11,3851029	-0,093	0,310
CHR7	7916346	CHR7:7916346	SSF x Near_LoA	-9,83462237	-0,059	0,302
CHR7	7916371	CHR7:7916371	SSF x Near_LoA	-7,94438627	0,041	0,314
CHR7	7916437	CHR7:7916437	SSF x Near_LoA	-6,92346089	-0,054	0,319
CHR7	7916546	CHR7:7916546	SSF x Near_LoA	-11,1378528	0,013	0,304
CHR7	7930550	CHR7:7930550	SSF x Near_LoA	-11,2186928	0,037	0,303
CHR7	7933390	CHR7:7933390	SSF x Near_LoA	-8,04500617	0,158	0,308
CHR7	7933460	CHR7:7933460	SSF x Near_LoA	-9,37931554	-0,010	0,311
CHR7	7933550	CHR7:7933550	SSF x Near_LoA	-11,6672962	0,019	0,300
CHR7	7933563	CHR7:7933563	SSF x Near_LoA	-11,9223881	0,012	0,298
CHR7	7933571	CHR7:7933571	SSF x Near_LoA	-10,1846727	-0,067	0,305
CHR7	7933590	CHR7:7933590	SSF x Near_LoA	-12,1464616	-0,019	0,297
CHR7	7933613	CHR7:7933613	SSF x Near_LoA	-10,5510907	-0,014	0,297
CHR7	7933673	CHR7:7933673	SSF x Near_LoA	-10,1102206	-0,070	0,313
CHR7	7939425	CHR7:7939425	SSF x Near_LoA	-10,7972375	0,016	0,306
CHR7	7939428	CHR7:7939428	SSF x Near_LoA	-9,24441004	0,062	0,309
CHR7	7939432	CHR7:7939432	SSF x Near_LoA	-8,76149676	-0,053	0,307
CHR7	7939441	CHR7:7939441	SSF x Near_LoA	-7,97798868	-0,078	0,318
CHR7	7939443	CHR7:7939443	SSF x Near_LoA	-12,4743086	-0,049	0,285
CHR7	7939463	CHR7:7939463	SSF x Near_LoA	-10,051409	-0,085	0,300
CHR7	7940092	CHR7:7940092	SSF x Near_LoA	-2,8868783	-0,141	0,302
CHR7	7940101	CHR7:7940101	SSF x Near_LoA	-7,00395426	0,046	0,333
CHR7	7944552	CHR7:7944552	SSF x Near_LoA	-10,179963	-0,083	0,304
CHR7	7952370	CHR7:7952370	SSF x Near_LoA	-9,30113192	-0,046	0,311
CHR7	7952461	CHR7:7952461	SSF x Near_LoA	-7,10488816	0,174	0,296
CHR7	7964346	CHR7:7964346	SSF x Near_LoA	-10,2932345	-0,029	0,292
CHR7	7964366	CHR7:7964366	SSF x Near_LoA	-10,7997934	-0,029	0,321
CHR7	7964381	CHR7:7964381	SSF x Near_LoA	-11,5419822	-0,008	0,306
CHR7	7964393	CHR7:7964393	SSF x Near_LoA	-11,3536442	0,001	0,302
CHR7	7964437	CHR7:7964437	SSF x Near_LoA	-10,4611863	-0,102	0,310
CHR7	7964471	CHR7:7964471	SSF x Near_LoA	-9,14012006	-0,066	0,304
CHR7	7972955	CHR7:7972955	SSF x Near_LoA	-9,54191061	-0,130	0,313
CHR7	7987086	CHR7:7987086	SSF x Near_LoA	-10,4438854	-0,002	0,297
CHR7	7987103	CHR7:7987103	SSF x Near_LoA	-8,17265419	0,067	0,306
CHR7	7994530	CHR7:7994530	SSF x Near_LoA	-7,31684719	-0,050	0,311
CHR7	7994708	CHR7:7994708	SSF x Near_LoA	-10,5588037	0,000	0,309
CHR7	8000983	CHR7:8000983	SSF x Near_LoA	-11,2817495	-0,110	0,326
CHR7	8001185	CHR7:8001185	SSF x Near_LoA	-9,17078269	0,076	0,302
CHR7	8001189	CHR7:8001189	SSF x Near_LoA	-9,54688938	0,020	0,306
CHR7	8010045	CHR7:8010045	SSF x Near_LoA	-10,1381026	-0,099	0,302
CHR7	8010135	CHR7:8010135	SSF x Near_LoA	-9,90603073	-0,076	0,297
CHR7	8026514	CHR7:8026514	SSF x Near_LoA	-6,02598113	0,108	0,300
CHR7	8026523	CHR7:8026523	SSF x Near_LoA	-9,98895451	0,019	0,311
CHR7	8026550	CHR7:8026550	SSF x Near_LoA	-8,18399227	-0,104	0,295
CHR7	8026582	CHR7:8026582	SSF x Near_LoA	-9,55749698	0,022	0,318
CHR7	8026601	CHR7:8026601	SSF x Near_LoA	-7,44475514	-0,201	0,290
CHR7	8026608	CHR7:8026608	SSF x Near_LoA	-8,44289058	0,011	0,306
CHR7	8026615	CHR7:8026615	SSF x Near_LoA	-3,74750573	-0,222	0,297
CHR7	8026621	CHR7:8026621	SSF x Near_LoA	-5,5299679	0,173	0,295
CHR7	8026623	CHR7:8026623	SSF x Near_LoA	-10,5774627	0,033	0,311
CHR7	8029506	CHR7:8029506	SSF x Near_LoA	-7,72631365	-0,081	0,310
CHR7	8029586	CHR7:8029586	SSF x Near_LoA	-9,70285125	0,129	0,305

CHR7	8029616	CHR7:8029616	SSF x Near_LoA	-11,5671585	0,031	0,303
CHR7	804233	CHR7:804233	SSF x Near_LoA	-10,789365	0,026	0,303
CHR7	8044315	CHR7:8044315	SSF x Near_LoA	-2,54962113	-0,068	0,319
CHR7	8044319	CHR7:8044319	SSF x Near_LoA	-10,3486902	0,017	0,305
CHR7	8047477	CHR7:8047477	SSF x Near_LoA	-10,7436818	0,022	0,320
CHR7	8047526	CHR7:8047526	SSF x Near_LoA	-9,25704874	-0,129	0,301
CHR7	8047594	CHR7:8047594	SSF x Near_LoA	-8,51095399	-0,003	0,312
CHR7	8047604	CHR7:8047604	SSF x Near_LoA	-9,15813072	0,006	0,297
CHR7	8055073	CHR7:8055073	SSF x Near_LoA	-4,899785	-0,111	0,292
CHR7	8055097	CHR7:8055097	SSF x Near_LoA	-9,4439096	0,039	0,322
CHR7	8055116	CHR7:8055116	SSF x Near_LoA	-6,35775079	-0,136	0,297
CHR7	8055129	CHR7:8055129	SSF x Near_LoA	-9,5756866	-0,011	0,308
CHR7	8055136	CHR7:8055136	SSF x Near_LoA	-9,04652276	0,000	0,287
CHR7	8055156	CHR7:8055156	SSF x Near_LoA	-5,44193827	0,019	0,309
CHR7	8064330	CHR7:8064330	SSF x Near_LoA	-8,01144168	0,141	0,307
CHR7	8064334	CHR7:8064334	SSF x Near_LoA	-9,71635725	-0,018	0,301
CHR7	8064823	CHR7:8064823	SSF x Near_LoA	-2,80384038	-0,063	0,309
CHR7	8064848	CHR7:8064848	SSF x Near_LoA	-9,25854424	0,050	0,320
CHR7	8068890	CHR7:8068890	SSF x Near_LoA	-7,74047276	0,058	0,298
CHR7	8068912	CHR7:8068912	SSF x Near_LoA	-8,36450979	0,019	0,311
CHR7	8069013	CHR7:8069013	SSF x Near_LoA	-10,3444654	0,058	0,293
CHR7	8076044	CHR7:8076044	SSF x Near_LoA	-11,2788926	0,091	0,291
CHR7	8076067	CHR7:8076067	SSF x Near_LoA	-7,56707456	0,122	0,300
CHR7	8076171	CHR7:8076171	SSF x Near_LoA	-8,78592142	-0,015	0,302
CHR7	8076186	CHR7:8076186	SSF x Near_LoA	-8,91835276	-0,105	0,295
CHR7	8085845	CHR7:8085845	SSF x Near_LoA	-4,20100591	0,119	0,313
CHR7	8085848	CHR7:8085848	SSF x Near_LoA	-10,9620889	-0,041	0,304
CHR7	8085888	CHR7:8085888	SSF x Near_LoA	-10,6156336	0,054	0,307
CHR7	8085912	CHR7:8085912	SSF x Near_LoA	-9,67654379	-0,151	0,301
CHR7	8087087	CHR7:8087087	SSF x Near_LoA	-8,82879959	-0,007	0,326
CHR7	8087107	CHR7:8087107	SSF x Near_LoA	-9,57998819	0,008	0,306
CHR7	8087189	CHR7:8087189	SSF x Near_LoA	-7,85088634	-0,098	0,322
CHR7	8087212	CHR7:8087212	SSF x Near_LoA	-9,70522753	0,061	0,308
CHR7	8087261	CHR7:8087261	SSF x Near_LoA	-6,99157409	0,081	0,297
CHR7	8087267	CHR7:8087267	SSF x Near_LoA	-8,76234053	-0,032	0,308
CHR7	8087297	CHR7:8087297	SSF x Near_LoA	-10,2075034	-0,094	0,305
CHR7	8096280	CHR7:8096280	SSF x Near_LoA	-4,77599866	-0,186	0,302
CHR7	8096309	CHR7:8096309	SSF x Near_LoA	-12,0581846	0,010	0,300
CHR7	8096336	CHR7:8096336	SSF x Near_LoA	-10,1439439	0,095	0,297
CHR7	8097265	CHR7:8097265	SSF x Near_LoA	-2,54727006	0,125	0,317
CHR7	8097288	CHR7:8097288	SSF x Near_LoA	-7,00689761	0,016	0,313
CHR7	8097321	CHR7:8097321	SSF x Near_LoA	-9,08149217	-0,081	0,310
CHR7	8113671	CHR7:8113671	SSF x Near_LoA	-10,7606494	-0,039	0,299
CHR7	8113739	CHR7:8113739	SSF x Near_LoA	-8,16839164	0,032	0,306
CHR7	8113757	CHR7:8113757	SSF x Near_LoA	-11,5139876	0,000	0,303
CHR7	8113772	CHR7:8113772	SSF x Near_LoA	-6,26857375	0,128	0,296
CHR7	8113779	CHR7:8113779	SSF x Near_LoA	-11,1324497	-0,013	0,311
CHR7	8113790	CHR7:8113790	SSF x Near_LoA	-8,29162424	0,044	0,301
CHR7	8113820	CHR7:8113820	SSF x Near_LoA	-11,9388606	0,016	0,311
CHR7	8113844	CHR7:8113844	SSF x Near_LoA	-11,6891254	0,010	0,313
CHR7	8113870	CHR7:8113870	SSF x Near_LoA	-7,54971264	-0,146	0,291
CHR7	8113885	CHR7:8113885	SSF x Near_LoA	-9,99445094	-0,064	0,313
CHR7	8113924	CHR7:8113924	SSF x Near_LoA	-11,3219511	-0,004	0,306

CHR7	8116847	CHR7:8116847	SSF x Near_LoA	-12,1094101	0,064	0,297
CHR7	8116853	CHR7:8116853	SSF x Near_LoA	-9,69696673	0,075	0,310
CHR7	8119352	CHR7:8119352	SSF x Near_LoA	-8,91865858	0,029	0,304
CHR7	8119361	CHR7:8119361	SSF x Near_LoA	-7,60852793	0,022	0,309
CHR7	8119386	CHR7:8119386	SSF x Near_LoA	-11,229614	0,020	0,305
CHR7	8134488	CHR7:8134488	SSF x Near_LoA	-6,7740559	-0,057	0,319
CHR7	8137143	CHR7:8137143	SSF x Near_LoA	18,5114808	-0,091	0,305
CHR7	8137147	CHR7:8137147	SSF x Near_LoA	-8,29913497	0,039	0,299
CHR7	8137159	CHR7:8137159	SSF x Near_LoA	-9,87474287	0,095	0,305
CHR7	8137194	CHR7:8137194	SSF x Near_LoA	-5,61961671	-0,132	0,309
CHR7	8137243	CHR7:8137243	SSF x Near_LoA	-7,47386643	-0,033	0,303
CHR7	8141643	CHR7:8141643	SSF x Near_LoA	-10,1793339	-0,017	0,308
CHR7	8147363	CHR7:8147363	SSF x Near_LoA	-7,83283293	0,089	0,294
CHR7	8147566	CHR7:8147566	SSF x Near_LoA	-7,5868555	0,117	0,287
CHR7	814830	CHR7:814830	SSF x Near_LoA	-7,15160476	0,027	0,312
CHR7	8152868	CHR7:8152868	SSF x Near_LoA	-9,89785139	-0,073	0,310
CHR7	8158227	CHR7:8158227	SSF x Near_LoA	-11,3056977	0,017	0,303
CHR7	8158288	CHR7:8158288	SSF x Near_LoA	-11,6337382	-0,059	0,313
CHR7	8165939	CHR7:8165939	SSF x Near_LoA	-7,98772301	0,107	0,301
CHR7	8165954	CHR7:8165954	SSF x Near_LoA	-11,8448101	-0,054	0,301
CHR7	8166015	CHR7:8166015	SSF x Near_LoA	-9,85753224	-0,162	0,304
CHR7	8166034	CHR7:8166034	SSF x Near_LoA	-9,02871607	-0,013	0,312
CHR7	8166037	CHR7:8166037	SSF x Near_LoA	-9,24419384	-0,018	0,305
CHR7	8166064	CHR7:8166064	SSF x Near_LoA	-11,0435242	-0,024	0,298
CHR7	8166086	CHR7:8166086	SSF x Near_LoA	-10,8909964	0,139	0,302
CHR7	8167921	CHR7:8167921	SSF x Near_LoA	-9,78656436	-0,017	0,308
CHR7	8167946	CHR7:8167946	SSF x Near_LoA	-9,80070046	0,126	0,302
CHR7	8167957	CHR7:8167957	SSF x Near_LoA	-7,3454905	0,108	0,287
CHR7	8167960	CHR7:8167960	SSF x Near_LoA	-5,45716461	0,071	0,299
CHR7	8167966	CHR7:8167966	SSF x Near_LoA	-7,52742543	0,088	0,312
CHR7	8167979	CHR7:8167979	SSF x Near_LoA	-6,04212849	-0,055	0,308
CHR7	8174052	CHR7:8174052	SSF x Near_LoA	-8,59767527	-0,031	0,315
CHR7	8174083	CHR7:8174083	SSF x Near_LoA	-6,66872635	-0,143	0,302
CHR7	8174240	CHR7:8174240	SSF x Near_LoA	-9,55687677	-0,055	0,309
CHR7	8181364	CHR7:8181364	SSF x Near_LoA	-10,6676841	-0,043	0,319
CHR7	8181365	CHR7:8181365	SSF x Near_LoA	-11,3873832	0,058	0,308
CHR7	8181390	CHR7:8181390	SSF x Near_LoA	-8,71880658	0,043	0,314
CHR7	8181435	CHR7:8181435	SSF x Near_LoA	-9,16332847	-0,094	0,298
CHR7	8181444	CHR7:8181444	SSF x Near_LoA	-9,42174771	-0,097	0,304
CHR7	8189945	CHR7:8189945	SSF x Near_LoA	-9,39932986	-0,035	0,304
CHR7	8190035	CHR7:8190035	SSF x Near_LoA	-8,26249647	-0,047	0,317
CHR7	819004	CHR7:819004	SSF x Near_LoA	-4,01355197	0,098	0,304
CHR7	819188	CHR7:819188	SSF x Near_LoA	-10,4899126	0,063	0,305
CHR7	8192929	CHR7:8192929	SSF x Near_LoA	-6,61000494	0,117	0,305
CHR7	8192930	CHR7:8192930	SSF x Near_LoA	-7,89620319	-0,125	0,310
CHR7	8192938	CHR7:8192938	SSF x Near_LoA	-11,0654382	0,037	0,301
CHR7	8192940	CHR7:8192940	SSF x Near_LoA	-10,684161	0,067	0,300
CHR7	8192991	CHR7:8192991	SSF x Near_LoA	-8,94102702	0,101	0,297
CHR7	8192997	CHR7:8192997	SSF x Near_LoA	-8,78214308	-0,062	0,303
CHR7	8193046	CHR7:8193046	SSF x Near_LoA	-5,9521464	0,102	0,306
CHR7	8193061	CHR7:8193061	SSF x Near_LoA	-8,96690341	0,121	0,296
CHR7	8193073	CHR7:8193073	SSF x Near_LoA	-7,05680392	0,118	0,303
CHR7	8193091	CHR7:8193091	SSF x Near_LoA	-9,51595275	0,046	0,313

CHR7	8198916	CHR7:8198916	SSF x Near_LoA	-7,69881328	-0,015	0,295
CHR7	8198932	CHR7:8198932	SSF x Near_LoA	-7,74900604	-0,143	0,306
CHR7	8198934	CHR7:8198934	SSF x Near_LoA	-8,74390024	-0,153	0,298
CHR7	8198939	CHR7:8198939	SSF x Near_LoA	-10,1751733	-0,130	0,291
CHR7	8198952	CHR7:8198952	SSF x Near_LoA	-11,4322496	-0,050	0,308
CHR7	8198953	CHR7:8198953	SSF x Near_LoA	-6,45938399	-0,152	0,292
CHR7	8198960	CHR7:8198960	SSF x Near_LoA	-8,7284594	-0,109	0,310
CHR7	8199135	CHR7:8199135	SSF x Near_LoA	-7,21000783	0,055	0,306
CHR7	8222103	CHR7:8222103	SSF x Near_LoA	-9,31662059	0,001	0,307
CHR7	8222108	CHR7:8222108	SSF x Near_LoA	-9,05278099	-0,007	0,322
CHR7	8222168	CHR7:8222168	SSF x Near_LoA	-5,86485552	-0,016	0,305
CHR7	8222310	CHR7:8222310	SSF x Near_LoA	-8,9873148	-0,071	0,320
CHR7	8232609	CHR7:8232609	SSF x Near_LoA	-8,83721932	-0,070	0,302
CHR7	8232613	CHR7:8232613	SSF x Near_LoA	-11,2516032	0,034	0,310
CHR7	8232621	CHR7:8232621	SSF x Near_LoA	-10,2753462	0,027	0,303
CHR7	8232631	CHR7:8232631	SSF x Near_LoA	-7,32441418	0,180	0,298
CHR7	8232688	CHR7:8232688	SSF x Near_LoA	-9,52208202	0,018	0,320
CHR7	8241328	CHR7:8241328	SSF x Near_LoA	-7,91917226	0,005	0,321
CHR7	8241342	CHR7:8241342	SSF x Near_LoA	-10,1212648	-0,052	0,301
CHR7	824649	CHR7:824649	SSF x Near_LoA	-10,3221179	-0,025	0,306
CHR7	8247145	CHR7:8247145	SSF x Near_LoA	-8,85159007	-0,124	0,304
CHR7	824749	CHR7:824749	SSF x Near_LoA	-11,5604298	-0,060	0,321
CHR7	8253142	CHR7:8253142	SSF x Near_LoA	-11,2229415	-0,037	0,306
CHR7	8253163	CHR7:8253163	SSF x Near_LoA	-10,7428152	-0,035	0,317
CHR7	8253176	CHR7:8253176	SSF x Near_LoA	-8,17308736	-0,078	0,303
CHR7	8253178	CHR7:8253178	SSF x Near_LoA	-11,0208577	-0,044	0,291
CHR7	8253197	CHR7:8253197	SSF x Near_LoA	-10,3986079	-0,098	0,300
CHR7	8253223	CHR7:8253223	SSF x Near_LoA	-7,67925279	0,195	0,280
CHR7	8253246	CHR7:8253246	SSF x Near_LoA	-6,73065328	0,115	0,294
CHR7	8253326	CHR7:8253326	SSF x Near_LoA	-10,1184149	0,017	0,308
CHR7	8256094	CHR7:8256094	SSF x Near_LoA	-11,5539273	-0,056	0,305
CHR7	8267408	CHR7:8267408	SSF x Near_LoA	-6,99552543	-0,004	0,309
CHR7	8267425	CHR7:8267425	SSF x Near_LoA	-8,35271088	-0,006	0,316
CHR7	8267442	CHR7:8267442	SSF x Near_LoA	-5,60335776	0,000	0,303
CHR7	8267500	CHR7:8267500	SSF x Near_LoA	-9,87722308	0,073	0,300
CHR7	8267523	CHR7:8267523	SSF x Near_LoA	-6,91619239	-0,054	0,316
CHR7	8267528	CHR7:8267528	SSF x Near_LoA	-8,92946381	-0,008	0,308
CHR7	8267587	CHR7:8267587	SSF x Near_LoA	-7,12161444	0,090	0,299
CHR7	8267651	CHR7:8267651	SSF x Near_LoA	-9,76491348	-0,059	0,314
CHR7	8269046	CHR7:8269046	SSF x Near_LoA	-7,50069773	0,111	0,317
CHR7	8269051	CHR7:8269051	SSF x Near_LoA	-8,26025608	0,142	0,303
CHR7	8271365	CHR7:8271365	SSF x Near_LoA	-9,25134758	0,042	0,303
CHR7	8271385	CHR7:8271385	SSF x Near_LoA	-9,31128208	-0,033	0,285
CHR7	8271422	CHR7:8271422	SSF x Near_LoA	-6,74617993	-0,005	0,291
CHR7	8271431	CHR7:8271431	SSF x Near_LoA	-7,3950477	-0,029	0,312
CHR7	829999	CHR7:829999	SSF x Near_LoA	-10,6929467	0,041	0,311
CHR7	8300129	CHR7:8300129	SSF x Near_LoA	-10,9156216	-0,120	0,299
CHR7	8306903	CHR7:8306903	SSF x Near_LoA	-10,0109499	-0,045	0,276
CHR7	8311830	CHR7:8311830	SSF x Near_LoA	-11,6960151	0,046	0,303
CHR7	8311847	CHR7:8311847	SSF x Near_LoA	-11,359286	0,072	0,286
CHR7	8311872	CHR7:8311872	SSF x Near_LoA	-10,562073	0,009	0,308
CHR7	8311886	CHR7:8311886	SSF x Near_LoA	-8,9298802	-0,014	0,310
CHR7	8311895	CHR7:8311895	SSF x Near_LoA	-6,9155532	0,066	0,319

CHR7	8311896	CHR7:8311896	SSF x Near_LoA	-4,87396725	0,044	0,314
CHR7	8325462	CHR7:8325462	SSF x Near_LoA	-12,2181552	0,039	0,307
CHR7	8327652	CHR7:8327652	SSF x Near_LoA	-8,58702289	-0,001	0,301
CHR7	8327653	CHR7:8327653	SSF x Near_LoA	-8,97658421	-0,009	0,303
CHR7	8327686	CHR7:8327686	SSF x Near_LoA	-11,6686295	-0,053	0,291
CHR7	8342114	CHR7:8342114	SSF x Near_LoA	-8,43805977	0,081	0,319
CHR7	8342168	CHR7:8342168	SSF x Near_LoA	-9,1938535	0,105	0,298
CHR7	8350281	CHR7:8350281	SSF x Near_LoA	-8,7792792	-0,014	0,307
CHR7	8350332	CHR7:8350332	SSF x Near_LoA	-9,88047456	-0,154	0,282
CHR7	8350621	CHR7:8350621	SSF x Near_LoA	-8,69122357	-0,070	0,307
CHR7	8350630	CHR7:8350630	SSF x Near_LoA	-10,5532191	-0,078	0,303
CHR7	8350702	CHR7:8350702	SSF x Near_LoA	-8,21953324	-0,089	0,305
CHR7	835634	CHR7:835634	SSF x Near_LoA	-8,02832755	-0,057	0,317
CHR7	835649	CHR7:835649	SSF x Near_LoA	-11,0964123	0,005	0,312
CHR7	835751	CHR7:835751	SSF x Near_LoA	-8,77640369	-0,105	0,305
CHR7	835770	CHR7:835770	SSF x Near_LoA	-7,32314539	-0,139	0,302
CHR7	835800	CHR7:835800	SSF x Near_LoA	-7,1594771	-0,002	0,327
CHR7	840050	CHR7:840050	SSF x Near_LoA	-9,54901676	0,040	0,319
CHR7	840073	CHR7:840073	SSF x Near_LoA	-10,697646	-0,032	0,299
CHR7	840074	CHR7:840074	SSF x Near_LoA	-11,8693324	-0,029	0,301
CHR7	841794	CHR7:841794	SSF x Near_LoA	-9,17397809	-0,047	0,319
CHR7	841807	CHR7:841807	SSF x Near_LoA	-8,90306756	-0,104	0,307
CHR7	846954	CHR7:846954	SSF x Near_LoA	-8,41669766	0,083	0,316
CHR7	846983	CHR7:846983	SSF x Near_LoA	-9,21619846	0,074	0,309
CHR7	846992	CHR7:846992	SSF x Near_LoA	-8,43307905	-0,132	0,308
CHR7	847010	CHR7:847010	SSF x Near_LoA	-10,2526037	0,051	0,299
CHR7	8548473	CHR7:8548473	SSF x Near_LoA	-8,49105142	-0,052	0,316
CHR7	8548500	CHR7:8548500	SSF x Near_LoA	-8,72722086	0,039	0,316
CHR7	8548514	CHR7:8548514	SSF x Near_LoA	-8,87628287	0,052	0,321
CHR7	8548523	CHR7:8548523	SSF x Near_LoA	-7,60167244	0,040	0,314
CHR7	8548563	CHR7:8548563	SSF x Near_LoA	-7,4058567	0,046	0,320
CHR7	8548579	CHR7:8548579	SSF x Near_LoA	-8,48494798	0,018	0,316
CHR7	8548590	CHR7:8548590	SSF x Near_LoA	-6,9023119	0,050	0,310
CHR7	8548601	CHR7:8548601	SSF x Near_LoA	-8,28486319	0,035	0,320
CHR7	855637	CHR7:855637	SSF x Near_LoA	-11,0557572	-0,102	0,301
CHR7	855789	CHR7:855789	SSF x Near_LoA	-9,67293519	0,019	0,311
CHR7	855831	CHR7:855831	SSF x Near_LoA	-8,20948266	-0,093	0,299
CHR7	855844	CHR7:855844	SSF x Near_LoA	-11,8303967	-0,060	0,298
CHR7	855868	CHR7:855868	SSF x Near_LoA	-10,6805758	0,100	0,301
CHR7	8572798	CHR7:8572798	SSF x Near_LoA	-8,57669337	-0,023	0,320
CHR7	8572935	CHR7:8572935	SSF x Near_LoA	-8,05651321	-0,007	0,317
CHR7	861154	CHR7:861154	SSF x Near_LoA	-7,63865714	-0,081	0,302
CHR7	861224	CHR7:861224	SSF x Near_LoA	-9,65897052	-0,135	0,300
CHR7	8664770	CHR7:8664770	SSF x Near_LoA	-9,30884814	0,070	0,311
CHR7	867616	CHR7:867616	SSF x Near_LoA	-7,14105383	-0,149	0,300
CHR7	873905	CHR7:873905	SSF x Near_LoA	-9,07756831	0,104	0,324
CHR7	8795776	CHR7:8795776	SSF x Near_LoA	-8,72282991	-0,021	0,304
CHR7	8795793	CHR7:8795793	SSF x Near_LoA	-8,29009629	-0,018	0,309
CHR7	8795844	CHR7:8795844	SSF x Near_LoA	-7,6068951	-0,025	0,315
CHR7	8795890	CHR7:8795890	SSF x Near_LoA	-7,45030803	-0,002	0,322
CHR7	8795953	CHR7:8795953	SSF x Near_LoA	-9,18911433	0,003	0,314
CHR7	8795982	CHR7:8795982	SSF x Near_LoA	-9,24955917	0,011	0,315
CHR7	8799952	CHR7:8799952	SSF x Near_LoA	-7,97513732	-0,001	0,316

CHR7	8799973	CHR7:8799973	SSF x Near_LoA	-8,60035514	-0,019	0,314
CHR7	8799998	CHR7:8799998	SSF x Near_LoA	-4,76189672	-0,002	0,335
CHR7	8800010	CHR7:8800010	SSF x Near_LoA	-7,59417856	0,010	0,333
CHR7	8800019	CHR7:8800019	SSF x Near_LoA	-8,97245776	-0,007	0,317
CHR7	8800067	CHR7:8800067	SSF x Near_LoA	-7,21846184	-0,044	0,312
CHR7	8800959	CHR7:8800959	SSF x Near_LoA	-8,60732229	-0,010	0,309
CHR7	8800969	CHR7:8800969	SSF x Near_LoA	-8,31813068	0,011	0,326
CHR7	883150	CHR7:883150	SSF x Near_LoA	-8,25325254	0,051	0,302
CHR7	883151	CHR7:883151	SSF x Near_LoA	-7,28974919	0,025	0,309
CHR7	8836018	CHR7:8836018	SSF x Near_LoA	-8,4649348	-0,035	0,325
CHR7	8836067	CHR7:8836067	SSF x Near_LoA	-8,97584941	0,005	0,305
CHR7	885607	CHR7:885607	SSF x Near_LoA	-9,37371556	-0,023	0,309
CHR7	888783	CHR7:888783	SSF x Near_LoA	-8,99199057	-0,072	0,302
CHR7	8892664	CHR7:8892664	SSF x Near_LoA	-10,6761972	-0,131	0,305
CHR7	889326	CHR7:889326	SSF x Near_LoA	-8,86406581	0,038	0,301
CHR7	889344	CHR7:889344	SSF x Near_LoA	-7,9205409	0,066	0,294
CHR7	8924160	CHR7:8924160	SSF x Near_LoA	-7,83075694	-0,038	0,322
CHR7	8924219	CHR7:8924219	SSF x Near_LoA	-9,10084016	-0,010	0,314
CHR7	8924245	CHR7:8924245	SSF x Near_LoA	-7,91406816	-0,026	0,315
CHR7	8924253	CHR7:8924253	SSF x Near_LoA	-8,23168704	-0,007	0,319
CHR7	8924265	CHR7:8924265	SSF x Near_LoA	-8,50497441	-0,011	0,316
CHR7	8926884	CHR7:8926884	SSF x Near_LoA	-9,19632296	-0,050	0,302
CHR7	8926885	CHR7:8926885	SSF x Near_LoA	-7,63941177	0,055	0,295
CHR7	8939038	CHR7:8939038	SSF x Near_LoA	-7,24581587	0,000	0,309
CHR7	896835	CHR7:896835	SSF x Near_LoA	-7,1447812	0,037	0,310
CHR7	896863	CHR7:896863	SSF x Near_LoA	-7,93616082	0,033	0,301
CHR7	8997748	CHR7:8997748	SSF x Near_LoA	-9,63117597	-0,089	0,306
CHR7	908709	CHR7:908709	SSF x Near_LoA	-8,21401864	0,073	0,321
CHR7	908722	CHR7:908722	SSF x Near_LoA	-7,7560746	-0,039	0,317
CHR7	908763	CHR7:908763	SSF x Near_LoA	-8,76994438	0,084	0,318
CHR7	908792	CHR7:908792	SSF x Near_LoA	-11,1513252	-0,065	0,295
CHR7	9104149	CHR7:9104149	SSF x Near_LoA	-12,0127616	-0,006	0,286
CHR7	9104172	CHR7:9104172	SSF x Near_LoA	-11,4475105	-0,008	0,299
CHR7	910890	CHR7:910890	SSF x Near_LoA	-11,3644091	-0,063	0,292
CHR7	910926	CHR7:910926	SSF x Near_LoA	-8,13025193	0,027	0,318
CHR7	911017	CHR7:911017	SSF x Near_LoA	-10,6277612	0,042	0,305
CHR7	911027	CHR7:911027	SSF x Near_LoA	-8,20902077	0,066	0,317
CHR7	9138030	CHR7:9138030	SSF x Near_LoA	-9,80363471	0,090	0,299
CHR7	9150903	CHR7:9150903	SSF x Near_LoA	-8,85658859	0,083	0,303
CHR7	915442	CHR7:915442	SSF x Near_LoA	-9,23251828	0,011	0,311
CHR7	9156707	CHR7:9156707	SSF x Near_LoA	-7,21093162	0,116	0,299
CHR7	9227095	CHR7:9227095	SSF x Near_LoA	-10,2381898	-0,077	0,300
CHR7	9230920	CHR7:9230920	SSF x Near_LoA	-9,07775672	0,029	0,315
CHR7	9230992	CHR7:9230992	SSF x Near_LoA	-11,1955525	0,011	0,289
CHR7	9242570	CHR7:9242570	SSF x Near_LoA	-11,0851156	-0,049	0,315
CHR7	925862	CHR7:925862	SSF x Near_LoA	-9,66176844	0,101	0,299
CHR7	925890	CHR7:925890	SSF x Near_LoA	-11,0956153	0,012	0,301
CHR7	925908	CHR7:925908	SSF x Near_LoA	-9,38759452	0,062	0,303
CHR7	926005	CHR7:926005	SSF x Near_LoA	-8,18583503	0,133	0,297
CHR7	926021	CHR7:926021	SSF x Near_LoA	-7,49423889	0,169	0,291
CHR7	9260425	CHR7:9260425	SSF x Near_LoA	-10,692255	0,061	0,304
CHR7	9260429	CHR7:9260429	SSF x Near_LoA	-9,33299048	0,079	0,305
CHR7	926056	CHR7:926056	SSF x Near_LoA	-11,2636517	0,006	0,318

CHR7	9267797	CHR7:9267797	SSF x Near_LoA	-10,7727709	0,017	0,308
CHR7	9274225	CHR7:9274225	SSF x Near_LoA	-8,51546156	-0,031	0,296
CHR7	9274313	CHR7:9274313	SSF x Near_LoA	-9,27168946	-0,024	0,303
CHR7	9283499	CHR7:9283499	SSF x Near_LoA	-9,0710531	0,036	0,303
CHR7	9283604	CHR7:9283604	SSF x Near_LoA	-9,52827513	0,056	0,308
CHR7	9285931	CHR7:9285931	SSF x Near_LoA	-8,0620547	0,060	0,307
CHR7	928950	CHR7:928950	SSF x Near_LoA	-10,3161061	-0,094	0,303
CHR7	928984	CHR7:928984	SSF x Near_LoA	-11,0492025	0,060	0,307
CHR7	929052	CHR7:929052	SSF x Near_LoA	-10,8905061	-0,050	0,306
CHR7	9315557	CHR7:9315557	SSF x Near_LoA	-9,98850283	0,029	0,313
CHR7	9315560	CHR7:9315560	SSF x Near_LoA	-11,5556251	0,022	0,307
CHR7	9315581	CHR7:9315581	SSF x Near_LoA	-9,76574769	0,007	0,298
CHR7	9315592	CHR7:9315592	SSF x Near_LoA	-10,8142778	0,029	0,303
CHR7	9315598	CHR7:9315598	SSF x Near_LoA	-11,9959645	0,029	0,320
CHR7	9315599	CHR7:9315599	SSF x Near_LoA	-9,92579121	-0,001	0,311
CHR7	9315689	CHR7:9315689	SSF x Near_LoA	-7,66015409	0,005	0,327
CHR7	9315717	CHR7:9315717	SSF x Near_LoA	-10,5557795	-0,020	0,289
CHR7	9315762	CHR7:9315762	SSF x Near_LoA	-9,94615152	-0,019	0,298
CHR7	9315771	CHR7:9315771	SSF x Near_LoA	-10,0115696	-0,056	0,295
CHR7	9323200	CHR7:9323200	SSF x Near_LoA	-9,92331758	0,113	0,295
CHR7	9323220	CHR7:9323220	SSF x Near_LoA	-9,51302912	-0,067	0,290
CHR7	9323229	CHR7:9323229	SSF x Near_LoA	-7,9993301	-0,079	0,294
CHR7	9323231	CHR7:9323231	SSF x Near_LoA	-10,4636991	-0,066	0,293
CHR7	9323321	CHR7:9323321	SSF x Near_LoA	-9,98245619	-0,082	0,292
CHR7	9323427	CHR7:9323427	SSF x Near_LoA	-10,2977123	-0,078	0,295
CHR7	932907	CHR7:932907	SSF x Near_LoA	-11,7281723	-0,009	0,313
CHR7	932926	CHR7:932926	SSF x Near_LoA	-5,07456566	0,070	0,310
CHR7	932927	CHR7:932927	SSF x Near_LoA	-6,28279283	0,010	0,315
CHR7	932964	CHR7:932964	SSF x Near_LoA	-11,7475338	-0,001	0,310
CHR7	933086	CHR7:933086	SSF x Near_LoA	-11,5891674	0,010	0,318
CHR7	9332440	CHR7:9332440	SSF x Near_LoA	-7,07798102	0,159	0,281
CHR7	9332539	CHR7:9332539	SSF x Near_LoA	-8,9895449	0,125	0,284
CHR7	9340440	CHR7:9340440	SSF x Near_LoA	-8,42187296	-0,106	0,319
CHR7	9340463	CHR7:9340463	SSF x Near_LoA	-8,95762222	0,167	0,287
CHR7	9340505	CHR7:9340505	SSF x Near_LoA	-9,38423933	-0,064	0,315
CHR7	9340520	CHR7:9340520	SSF x Near_LoA	-8,52755329	0,054	0,311
CHR7	9340580	CHR7:9340580	SSF x Near_LoA	-11,093513	-0,088	0,307
CHR7	9345361	CHR7:9345361	SSF x Near_LoA	-7,17871343	0,077	0,301
CHR7	9345429	CHR7:9345429	SSF x Near_LoA	-7,63193131	0,050	0,305
CHR7	9349273	CHR7:9349273	SSF x Near_LoA	-11,6647403	-0,026	0,310
CHR7	9349305	CHR7:9349305	SSF x Near_LoA	-11,4417429	-0,101	0,295
CHR7	9349394	CHR7:9349394	SSF x Near_LoA	-7,81091952	-0,001	0,290
CHR7	9350349	CHR7:9350349	SSF x Near_LoA	-9,43385637	0,071	0,310
CHR7	9350350	CHR7:9350350	SSF x Near_LoA	-9,5019164	0,046	0,311
CHR7	9350371	CHR7:9350371	SSF x Near_LoA	-9,21319212	-0,006	0,292
CHR7	9350386	CHR7:9350386	SSF x Near_LoA	-2,65616954	-0,068	0,311
CHR7	9350388	CHR7:9350388	SSF x Near_LoA	-7,56661827	-0,101	0,311
CHR7	9357687	CHR7:9357687	SSF x Near_LoA	-8,73485506	-0,085	0,293
CHR7	9357732	CHR7:9357732	SSF x Near_LoA	-9,81910403	-0,055	0,297
CHR7	9361390	CHR7:9361390	SSF x Near_LoA	-10,2331953	0,008	0,295
CHR7	9361422	CHR7:9361422	SSF x Near_LoA	-8,85053158	0,115	0,296
CHR7	9361523	CHR7:9361523	SSF x Near_LoA	-9,74331198	0,083	0,300
CHR7	9361606	CHR7:9361606	SSF x Near_LoA	-9,11374403	0,027	0,314

CHR7	9361633	CHR7:9361633	SSF x Near_LoA	-10,2884105	-0,129	0,286
CHR7	9364084	CHR7:9364084	SSF x Near_LoA	-9,21645647	0,079	0,283
CHR7	9364129	CHR7:9364129	SSF x Near_LoA	-8,45317063	0,064	0,293
CHR7	9364182	CHR7:9364182	SSF x Near_LoA	-8,9858512	0,067	0,285
CHR7	9380107	CHR7:9380107	SSF x Near_LoA	-8,45870996	0,076	0,298
CHR7	9380171	CHR7:9380171	SSF x Near_LoA	-9,30175167	0,045	0,292
CHR7	9413731	CHR7:9413731	SSF x Near_LoA	-5,03235055	0,097	0,315
CHR7	9413732	CHR7:9413732	SSF x Near_LoA	-8,74854374	0,085	0,302
CHR7	9413734	CHR7:9413734	SSF x Near_LoA	-8,57662907	-0,093	0,308
CHR7	9415872	CHR7:9415872	SSF x Near_LoA	-7,01276312	0,119	0,294
CHR7	9423206	CHR7:9423206	SSF x Near_LoA	-9,23123884	-0,064	0,305
CHR7	9423250	CHR7:9423250	SSF x Near_LoA	-10,3158149	-0,022	0,302
CHR7	9423252	CHR7:9423252	SSF x Near_LoA	-10,2679098	-0,006	0,310
CHR7	9432281	CHR7:9432281	SSF x Near_LoA	-11,3112912	0,145	0,298
CHR7	9432299	CHR7:9432299	SSF x Near_LoA	-8,89021363	0,007	0,304
CHR7	9432300	CHR7:9432300	SSF x Near_LoA	-9,22272458	-0,009	0,297
CHR7	9432311	CHR7:9432311	SSF x Near_LoA	-9,01551368	0,033	0,311
CHR7	9443778	CHR7:9443778	SSF x Near_LoA	-9,98557963	0,003	0,317
CHR7	9443779	CHR7:9443779	SSF x Near_LoA	-9,76925512	-0,070	0,311
CHR7	9443786	CHR7:9443786	SSF x Near_LoA	-5,55019112	-0,005	0,310
CHR7	9443790	CHR7:9443790	SSF x Near_LoA	-10,7350466	-0,058	0,303
CHR7	9443794	CHR7:9443794	SSF x Near_LoA	-10,8309152	-0,040	0,307
CHR7	9443824	CHR7:9443824	SSF x Near_LoA	-9,43104185	-0,031	0,311
CHR7	9444251	CHR7:9444251	SSF x Near_LoA	-10,718492	-0,035	0,309
CHR7	9444252	CHR7:9444252	SSF x Near_LoA	-10,5604113	-0,043	0,302
CHR7	9444273	CHR7:9444273	SSF x Near_LoA	-10,4449494	-0,042	0,302
CHR7	9444280	CHR7:9444280	SSF x Near_LoA	-8,30248869	-0,092	0,303
CHR7	9444287	CHR7:9444287	SSF x Near_LoA	-10,5400231	-0,091	0,303
CHR7	9466838	CHR7:9466838	SSF x Near_LoA	-9,43704188	0,019	0,315
CHR7	9466977	CHR7:9466977	SSF x Near_LoA	-8,5263053	-0,113	0,305
CHR7	9467079	CHR7:9467079	SSF x Near_LoA	-9,02015024	0,079	0,312
CHR7	9490035	CHR7:9490035	SSF x Near_LoA	-7,61563228	0,106	0,302
CHR7	9501746	CHR7:9501746	SSF x Near_LoA	-9,63723895	-0,013	0,310
CHR7	9501825	CHR7:9501825	SSF x Near_LoA	-9,68534631	-0,019	0,310
CHR7	9501857	CHR7:9501857	SSF x Near_LoA	-9,62781657	0,020	0,308
CHR7	9501926	CHR7:9501926	SSF x Near_LoA	-8,43617559	-0,114	0,291
CHR7	9501945	CHR7:9501945	SSF x Near_LoA	-9,06310145	0,018	0,301
CHR7	9503696	CHR7:9503696	SSF x Near_LoA	-8,53600136	-0,111	0,297
CHR7	9525691	CHR7:9525691	SSF x Near_LoA	-9,68102978	-0,048	0,307
CHR7	9525708	CHR7:9525708	SSF x Near_LoA	-10,3886394	-0,057	0,302
CHR7	9525762	CHR7:9525762	SSF x Near_LoA	-8,46660413	0,078	0,302
CHR7	954543	CHR7:954543	SSF x Near_LoA	-8,81226337	0,161	0,307
CHR7	9589044	CHR7:9589044	SSF x Near_LoA	-9,65031452	0,021	0,311
CHR7	9592487	CHR7:9592487	SSF x Near_LoA	-9,68672946	-0,084	0,294
CHR7	9592512	CHR7:9592512	SSF x Near_LoA	-2,61475603	0,101	0,301
CHR7	9592526	CHR7:9592526	SSF x Near_LoA	1,28883132	-0,043	0,293
CHR7	9592529	CHR7:9592529	SSF x Near_LoA	-10,282994	0,043	0,311
CHR7	9592574	CHR7:9592574	SSF x Near_LoA	-3,23788411	0,113	0,310
CHR7	9592590	CHR7:9592590	SSF x Near_LoA	-7,71621212	-0,042	0,304
CHR7	9592681	CHR7:9592681	SSF x Near_LoA	-5,0255835	-0,072	0,293
CHR7	9592688	CHR7:9592688	SSF x Near_LoA	-7,8067535	0,087	0,314
CHR7	960090	CHR7:960090	SSF x Near_LoA	-12,460555	-0,078	0,298
CHR7	9601938	CHR7:9601938	SSF x Near_LoA	-10,5057247	-0,070	0,316

CHR7	9601939	CHR7:9601939	SSF x Near_LoA	-9,7971964	-0,020	0,319
CHR7	9601986	CHR7:9601986	SSF x Near_LoA	-9,54073786	0,000	0,309
CHR7	9602003	CHR7:9602003	SSF x Near_LoA	-9,72462951	-0,011	0,298
CHR7	9602009	CHR7:9602009	SSF x Near_LoA	-9,37931024	-0,039	0,305
CHR7	9602047	CHR7:9602047	SSF x Near_LoA	-9,99259724	-0,013	0,301
CHR7	960562	CHR7:960562	SSF x Near_LoA	-8,33211812	0,085	0,314
CHR7	960565	CHR7:960565	SSF x Near_LoA	-6,77181516	-0,137	0,308
CHR7	9605892	CHR7:9605892	SSF x Near_LoA	-10,2454372	-0,127	0,298
CHR7	9611836	CHR7:9611836	SSF x Near_LoA	-5,27877201	0,094	0,308
CHR7	9611847	CHR7:9611847	SSF x Near_LoA	-10,0567658	-0,044	0,298
CHR7	9611951	CHR7:9611951	SSF x Near_LoA	-9,85947254	-0,039	0,304
CHR7	9612070	CHR7:9612070	SSF x Near_LoA	-11,4259752	-0,027	0,296
CHR7	9614935	CHR7:9614935	SSF x Near_LoA	-10,0552566	-0,040	0,293
CHR7	9614959	CHR7:9614959	SSF x Near_LoA	-9,20471457	0,091	0,313
CHR7	9614995	CHR7:9614995	SSF x Near_LoA	-4,87487317	-0,132	0,312
CHR7	9615010	CHR7:9615010	SSF x Near_LoA	-9,89339311	-0,046	0,314
CHR7	9615022	CHR7:9615022	SSF x Near_LoA	-9,85588717	-0,066	0,314
CHR7	9622924	CHR7:9622924	SSF x Near_LoA	-9,65653533	0,009	0,318
CHR7	9622943	CHR7:9622943	SSF x Near_LoA	-6,03561232	-0,012	0,318
CHR7	9622998	CHR7:9622998	SSF x Near_LoA	-9,47641443	0,011	0,312
CHR7	9623292	CHR7:9623292	SSF x Near_LoA	-8,15224096	-0,053	0,305
CHR7	963223	CHR7:963223	SSF x Near_LoA	-7,26603928	0,128	0,317
CHR7	9642149	CHR7:9642149	SSF x Near_LoA	-10,5363212	-0,050	0,294
CHR7	9642158	CHR7:9642158	SSF x Near_LoA	-5,90762947	-0,002	0,304
CHR7	9642206	CHR7:9642206	SSF x Near_LoA	-4,45735233	0,066	0,301
CHR7	9642254	CHR7:9642254	SSF x Near_LoA	-7,5262521	0,149	0,284
CHR7	9649271	CHR7:9649271	SSF x Near_LoA	-9,4274647	0,084	0,291
CHR7	9649458	CHR7:9649458	SSF x Near_LoA	-7,18386395	-0,010	0,319
CHR7	9649518	CHR7:9649518	SSF x Near_LoA	-11,3596724	0,087	0,298
CHR7	9655937	CHR7:9655937	SSF x Near_LoA	-11,0441537	-0,031	0,318
CHR7	9659556	CHR7:9659556	SSF x Near_LoA	-9,08501046	0,106	0,304
CHR7	9659562	CHR7:9659562	SSF x Near_LoA	-9,07958299	0,108	0,297
CHR7	9659611	CHR7:9659611	SSF x Near_LoA	-8,14533983	-0,071	0,328
CHR7	9659646	CHR7:9659646	SSF x Near_LoA	-7,54419524	0,023	0,302
CHR7	9659670	CHR7:9659670	SSF x Near_LoA	-8,91936981	-0,034	0,308
CHR7	9666766	CHR7:9666766	SSF x Near_LoA	-10,2447994	-0,062	0,299
CHR7	9666909	CHR7:9666909	SSF x Near_LoA	-10,5675691	0,114	0,300
CHR7	9666949	CHR7:9666949	SSF x Near_LoA	-11,2890632	-0,079	0,298
CHR7	9674664	CHR7:9674664	SSF x Near_LoA	-5,08547259	0,168	0,307
CHR7	9674840	CHR7:9674840	SSF x Near_LoA	-8,5946843	-0,051	0,306
CHR7	9674871	CHR7:9674871	SSF x Near_LoA	-8,61934113	0,003	0,304
CHR7	9681757	CHR7:9681757	SSF x Near_LoA	1,72648493	0,009	0,304
CHR7	9682064	CHR7:9682064	SSF x Near_LoA	-10,6442776	0,083	0,298
CHR7	9682070	CHR7:9682070	SSF x Near_LoA	-10,1573604	-0,018	0,310
CHR7	969509	CHR7:969509	SSF x Near_LoA	-8,33608926	-0,035	0,312
CHR7	969670	CHR7:969670	SSF x Near_LoA	-8,30134174	0,034	0,308
CHR7	9706373	CHR7:9706373	SSF x Near_LoA	-9,34582536	-0,036	0,306
CHR7	9706390	CHR7:9706390	SSF x Near_LoA	-9,04898909	-0,048	0,313
CHR7	9706426	CHR7:9706426	SSF x Near_LoA	-9,66520672	0,029	0,307
CHR7	9706478	CHR7:9706478	SSF x Near_LoA	-4,88449208	-0,037	0,310
CHR7	9706491	CHR7:9706491	SSF x Near_LoA	-5,07143085	-0,088	0,312
CHR7	9707936	CHR7:9707936	SSF x Near_LoA	-8,15738868	-0,092	0,314
CHR7	971223	CHR7:971223	SSF x Near_LoA	-8,88416159	0,106	0,313

CHR7	971235	CHR7:971235	SSF x Near_LoA	-9,63447141	-0,064	0,305
CHR7	9715855	CHR7:9715855	SSF x Near_LoA	-4,41340225	-0,085	0,310
CHR7	9715901	CHR7:9715901	SSF x Near_LoA	-9,02292052	-0,111	0,318
CHR7	9715903	CHR7:9715903	SSF x Near_LoA	-9,01137699	-0,088	0,303
CHR7	9716009	CHR7:9716009	SSF x Near_LoA	-8,70978535	-0,056	0,308
CHR7	9716022	CHR7:9716022	SSF x Near_LoA	-10,7301016	-0,060	0,317
CHR7	972648	CHR7:972648	SSF x Near_LoA	-10,4662921	-0,020	0,308
CHR7	974386	CHR7:974386	SSF x Near_LoA	-8,62827734	-0,079	0,303
CHR7	975502	CHR7:975502	SSF x Near_LoA	-8,27404613	-0,025	0,325
CHR7	975507	CHR7:975507	SSF x Near_LoA	-10,6258465	-0,025	0,315
CHR7	975514	CHR7:975514	SSF x Near_LoA	-9,81563729	-0,042	0,304
CHR7	975675	CHR7:975675	SSF x Near_LoA	-9,88863425	0,003	0,294
CHR7	975678	CHR7:975678	SSF x Near_LoA	-5,81932233	0,093	0,320
CHR7	975696	CHR7:975696	SSF x Near_LoA	-10,299699	0,019	0,313
CHR7	975715	CHR7:975715	SSF x Near_LoA	-9,00976906	0,026	0,304
CHR7	975720	CHR7:975720	SSF x Near_LoA	-8,54218588	-0,010	0,304
CHR7	9759368	CHR7:9759368	SSF x Near_LoA	-10,5674733	0,011	0,309
CHR7	9759561	CHR7:9759561	SSF x Near_LoA	-8,63887238	0,074	0,303
CHR7	9762507	CHR7:9762507	SSF x Near_LoA	-10,0084573	0,018	0,302
CHR7	9762644	CHR7:9762644	SSF x Near_LoA	-10,0879106	0,007	0,301
CHR7	9762645	CHR7:9762645	SSF x Near_LoA	-9,44843807	-0,001	0,305
CHR7	9762669	CHR7:9762669	SSF x Near_LoA	-6,70064197	-0,014	0,306
CHR7	9762673	CHR7:9762673	SSF x Near_LoA	-7,80842483	-0,014	0,328
CHR7	9762696	CHR7:9762696	SSF x Near_LoA	-12,0295101	-0,109	0,296
CHR7	9762739	CHR7:9762739	SSF x Near_LoA	-10,0511913	-0,039	0,315
CHR7	9776337	CHR7:9776337	SSF x Near_LoA	-9,03238034	-0,037	0,301
CHR7	9776526	CHR7:9776526	SSF x Near_LoA	-9,47790065	0,006	0,311
CHR7	9796085	CHR7:9796085	SSF x Near_LoA	-10,1528597	-0,033	0,304
CHR7	9824778	CHR7:9824778	SSF x Near_LoA	-11,619208	0,005	0,311
CHR7	9824847	CHR7:9824847	SSF x Near_LoA	-6,44301183	0,099	0,316
CHR7	9826627	CHR7:9826627	SSF x Near_LoA	-11,4364757	0,024	0,310
CHR7	9826690	CHR7:9826690	SSF x Near_LoA	-10,4709775	-0,017	0,298
CHR7	9826694	CHR7:9826694	SSF x Near_LoA	-6,46785306	0,028	0,309
CHR7	9826739	CHR7:9826739	SSF x Near_LoA	-8,04673453	0,022	0,304
CHR7	9826743	CHR7:9826743	SSF x Near_LoA	-10,0461826	-0,038	0,305
CHR7	983030	CHR7:983030	SSF x Near_LoA	-9,38214851	-0,048	0,309
CHR7	9840385	CHR7:9840385	SSF x Near_LoA	-7,41904422	-0,050	0,294
CHR7	9840454	CHR7:9840454	SSF x Near_LoA	-9,9072056	0,106	0,306
CHR7	9840455	CHR7:9840455	SSF x Near_LoA	-9,94785048	0,113	0,309
CHR7	984114	CHR7:984114	SSF x Near_LoA	-7,85424987	0,030	0,316
CHR7	984171	CHR7:984171	SSF x Near_LoA	-6,37203868	-0,089	0,304
CHR7	984178	CHR7:984178	SSF x Near_LoA	-10,2336652	-0,050	0,301
CHR7	984183	CHR7:984183	SSF x Near_LoA	-8,93483303	-0,072	0,300
CHR7	9844804	CHR7:9844804	SSF x Near_LoA	-10,3923836	0,070	0,284
CHR7	9854665	CHR7:9854665	SSF x Near_LoA	-8,01017985	-0,082	0,319
CHR7	9854670	CHR7:9854670	SSF x Near_LoA	-7,42255572	0,024	0,301
CHR7	9854707	CHR7:9854707	SSF x Near_LoA	-7,71527386	0,014	0,316
CHR7	9854747	CHR7:9854747	SSF x Near_LoA	-7,54410011	0,055	0,307
CHR7	9869461	CHR7:9869461	SSF x Near_LoA	-9,09976471	0,031	0,306
CHR7	9869470	CHR7:9869470	SSF x Near_LoA	-10,5799147	0,043	0,318
CHR7	9869490	CHR7:9869490	SSF x Near_LoA	-5,98657861	0,024	0,325
CHR7	9869497	CHR7:9869497	SSF x Near_LoA	-10,7938609	0,050	0,314
CHR7	9869512	CHR7:9869512	SSF x Near_LoA	-10,3578244	-0,013	0,284

CHR7	9869538	CHR7:9869538	SSF x Near_LoA	-12,0055898	-0,067	0,297
CHR7	9869561	CHR7:9869561	SSF x Near_LoA	-6,23012485	-0,092	0,302
CHR7	9869756	CHR7:9869756	SSF x Near_LoA	-11,100984	0,003	0,305
CHR7	9876450	CHR7:9876450	SSF x Near_LoA	-9,1168509	0,058	0,303
CHR7	9876602	CHR7:9876602	SSF x Near_LoA	-9,58164937	-0,001	0,307
CHR7	9884979	CHR7:9884979	SSF x Near_LoA	-8,86194493	0,006	0,305
CHR7	9884980	CHR7:9884980	SSF x Near_LoA	-11,7694624	-0,054	0,315
CHR7	9884981	CHR7:9884981	SSF x Near_LoA	-10,7966426	-0,007	0,307
CHR7	9885047	CHR7:9885047	SSF x Near_LoA	-10,8973702	0,082	0,299
CHR7	9885071	CHR7:9885071	SSF x Near_LoA	-10,4791823	-0,008	0,317
CHR7	9885073	CHR7:9885073	SSF x Near_LoA	-6,15932033	-0,043	0,311
CHR7	9885463	CHR7:9885463	SSF x Near_LoA	-10,5434926	-0,011	0,311
CHR7	9885498	CHR7:9885498	SSF x Near_LoA	-5,20998874	0,011	0,316
CHR7	9885509	CHR7:9885509	SSF x Near_LoA	-10,9317961	0,023	0,296
CHR7	9885555	CHR7:9885555	SSF x Near_LoA	-9,66895243	0,083	0,301
CHR7	9899632	CHR7:9899632	SSF x Near_LoA	-7,78482403	-0,048	0,327
CHR7	9899638	CHR7:9899638	SSF x Near_LoA	-11,269624	-0,026	0,299
CHR7	9899675	CHR7:9899675	SSF x Near_LoA	-10,7204482	0,005	0,307
CHR7	9899718	CHR7:9899718	SSF x Near_LoA	-10,9692297	0,058	0,299
CHR7	9899721	CHR7:9899721	SSF x Near_LoA	-10,0849375	0,047	0,301
CHR7	9906702	CHR7:9906702	SSF x Near_LoA	-9,91710994	-0,052	0,295
CHR7	9909327	CHR7:9909327	SSF x Near_LoA	-8,18985204	-0,099	0,316
CHR7	9909561	CHR7:9909561	SSF x Near_LoA	-10,4426408	-0,054	0,309
CHR7	9921062	CHR7:9921062	SSF x Near_LoA	-11,6780988	0,063	0,294
CHR7	9922177	CHR7:9922177	SSF x Near_LoA	-9,35452389	-0,131	0,299
CHR7	9922253	CHR7:9922253	SSF x Near_LoA	-8,61869673	0,008	0,312
CHR7	9924712	CHR7:9924712	SSF x Near_LoA	-8,63167017	0,103	0,286
CHR7	9924719	CHR7:9924719	SSF x Near_LoA	-7,86348298	0,131	0,302
CHR7	9926662	CHR7:9926662	SSF x Near_LoA	-7,58308966	0,002	0,309
CHR7	9926830	CHR7:9926830	SSF x Near_LoA	-9,43287841	-0,009	0,318
CHR7	9926899	CHR7:9926899	SSF x Near_LoA	-10,9392368	-0,049	0,304
CHR7	9926919	CHR7:9926919	SSF x Near_LoA	-9,03117248	-0,037	0,308
CHR7	9932028	CHR7:9932028	SSF x Near_LoA	-10,9942032	-0,016	0,308
CHR7	9932034	CHR7:9932034	SSF x Near_LoA	-11,2845959	-0,050	0,291
CHR7	9932113	CHR7:9932113	SSF x Near_LoA	-11,9387981	0,006	0,307
CHR7	9932136	CHR7:9932136	SSF x Near_LoA	-9,61419521	0,044	0,301
CHR7	9932287	CHR7:9932287	SSF x Near_LoA	-10,0114993	0,127	0,298
CHR7	9932323	CHR7:9932323	SSF x Near_LoA	-11,2196731	-0,003	0,294
CHR7	9932327	CHR7:9932327	SSF x Near_LoA	-8,52380407	0,037	0,317
CHR7	9939073	CHR7:9939073	SSF x Near_LoA	-11,0379345	-0,003	0,312
CHR7	9939088	CHR7:9939088	SSF x Near_LoA	-11,7070548	-0,020	0,296
CHR7	9939163	CHR7:9939163	SSF x Near_LoA	-8,44858831	-0,039	0,308
CHR7	9942410	CHR7:9942410	SSF x Near_LoA	-8,72143357	0,021	0,308
CHR7	9946891	CHR7:9946891	SSF x Near_LoA	-8,0479725	-0,008	0,312
CHR7	9946910	CHR7:9946910	SSF x Near_LoA	-9,84779706	-0,036	0,302
CHR7	9947368	CHR7:9947368	SSF x Near_LoA	-10,8015461	0,076	0,302
CHR7	9947393	CHR7:9947393	SSF x Near_LoA	-10,5787996	0,115	0,302
CHR7	9961608	CHR7:9961608	SSF x Near_LoA	-7,53742151	-0,101	0,312
CHR7	9961618	CHR7:9961618	SSF x Near_LoA	-11,2727249	0,020	0,306
CHR7	9961657	CHR7:9961657	SSF x Near_LoA	-9,54655792	0,100	0,316
CHR7	9968740	CHR7:9968740	SSF x Near_LoA	-10,7393561	-0,066	0,314
CHR7	9968788	CHR7:9968788	SSF x Near_LoA	-8,63932405	-0,035	0,302
CHR7	9979017	CHR7:9979017	SSF x Near_LoA	-11,2147071	-0,006	0,300

CHR7	9980270	CHR7:9980270	SSF x Near_LoA	-10,9394282	-0,036	0,304
CHR7	9980290	CHR7:9980290	SSF x Near_LoA	-5,82790218	0,182	0,280
CHR7	9980304	CHR7:9980304	SSF x Near_LoA	-6,44989227	-0,176	0,278
CHR7	9980343	CHR7:9980343	SSF x Near_LoA	-8,73612963	-0,011	0,295
CHR7	9980475	CHR7:9980475	SSF x Near_LoA	-7,01577739	-0,002	0,308
CHR7	9980567	CHR7:9980567	SSF x Near_LoA	-5,97018782	-0,167	0,308
CHR7	9980605	CHR7:9980605	SSF x Near_LoA	-8,74457211	-0,038	0,305
CHR7	9983356	CHR7:9983356	SSF x Near_LoA	-9,85578137	0,043	0,319
CHR7	9983426	CHR7:9983426	SSF x Near_LoA	-9,15290394	-0,040	0,304
CHR7	9990397	CHR7:9990397	SSF x Near_LoA	-2,0933412	-0,154	0,298
CHR7	9990443	CHR7:9990443	SSF x Near_LoA	-3,56792379	0,008	0,314
CHR7	9990484	CHR7:9990484	SSF x Near_LoA	-3,80417014	-0,002	0,297
CHR7	9990504	CHR7:9990504	SSF x Near_LoA	-9,80841034	-0,038	0,303
CHR7	9990512	CHR7:9990512	SSF x Near_LoA	-10,8788421	-0,009	0,292
CHR7	9990516	CHR7:9990516	SSF x Near_LoA	-10,7149515	0,002	0,315
CHR7	9993346	CHR7:9993346	SSF x Near_LoA	-6,82944062	-0,086	0,321
CHR7	9993539	CHR7:9993539	SSF x Near_LoA	-9,24138482	0,209	0,302
CHR7	999860	CHR7:999860	SSF x Near_LoA	-0,9587058	0,135	0,297
CHR7	999894	CHR7:999894	SSF x Near_LoA	-8,91933021	0,108	0,302
CHR8	1E+07	CHR8:10003252	SSF x Near_LoA	-9,97664395	0,067	0,308
CHR8	1E+07	CHR8:10009202	SSF x Near_LoA	-7,695057	0,040	0,310
CHR8	1E+07	CHR8:10009241	SSF x Near_LoA	-11,3132416	-0,031	0,319
CHR8	1E+07	CHR8:10009300	SSF x Near_LoA	-7,95571133	0,007	0,317
CHR8	1E+07	CHR8:10038724	SSF x Near_LoA	-10,0408963	0,066	0,299
CHR8	1E+07	CHR8:10038814	SSF x Near_LoA	-9,77362473	-0,029	0,295
CHR8	1E+07	CHR8:10041310	SSF x Near_LoA	-9,66871619	-0,095	0,315
CHR8	1E+07	CHR8:10041341	SSF x Near_LoA	-11,1024994	-0,033	0,302
CHR8	1E+07	CHR8:10041406	SSF x Near_LoA	-8,42576182	0,063	0,306
CHR8	1E+07	CHR8:10041462	SSF x Near_LoA	-9,09076182	-0,049	0,326
CHR8	1E+07	CHR8:10041469	SSF x Near_LoA	-7,66484176	-0,058	0,295
CHR8	1E+07	CHR8:10041476	SSF x Near_LoA	-9,76550572	0,043	0,306
CHR8	1004252	CHR8:1004252	SSF x Near_LoA	-8,27950455	0,107	0,305
CHR8	1004293	CHR8:1004293	SSF x Near_LoA	-10,418706	-0,050	0,314
CHR8	1E+07	CHR8:10058329	SSF x Near_LoA	-7,88254979	0,145	0,302
CHR8	1E+07	CHR8:10058375	SSF x Near_LoA	-8,29167705	-0,092	0,314
CHR8	1E+07	CHR8:10059547	SSF x Near_LoA	-11,5509992	0,019	0,301
CHR8	1E+07	CHR8:10059642	SSF x Near_LoA	-9,19300919	0,064	0,298
CHR8	1E+07	CHR8:10059649	SSF x Near_LoA	-10,5313995	0,024	0,315
CHR8	1E+07	CHR8:10068189	SSF x Near_LoA	-10,7183938	-0,013	0,321
CHR8	1E+07	CHR8:10068206	SSF x Near_LoA	-9,6819424	-0,023	0,309
CHR8	1E+07	CHR8:10068208	SSF x Near_LoA	-10,1174675	0,013	0,288
CHR8	1E+07	CHR8:10068210	SSF x Near_LoA	-6,32162226	-0,006	0,304
CHR8	1E+07	CHR8:10068211	SSF x Near_LoA	-8,14951661	0,025	0,318
CHR8	1E+07	CHR8:10068225	SSF x Near_LoA	-7,71632138	0,038	0,303
CHR8	1E+07	CHR8:10068234	SSF x Near_LoA	-9,46411747	0,052	0,311
CHR8	1E+07	CHR8:10072895	SSF x Near_LoA	-11,1410432	-0,069	0,308
CHR8	1E+07	CHR8:10072922	SSF x Near_LoA	-8,89588468	-0,012	0,301
CHR8	1E+07	CHR8:10072946	SSF x Near_LoA	-11,2523073	-0,009	0,299
CHR8	1E+07	CHR8:10072993	SSF x Near_LoA	-9,37556635	0,100	0,289
CHR8	1E+07	CHR8:10072994	SSF x Near_LoA	-7,4713152	0,064	0,304
CHR8	1E+07	CHR8:10073016	SSF x Near_LoA	-8,46176167	0,083	0,297
CHR8	1E+07	CHR8:10073017	SSF x Near_LoA	-8,59877005	0,094	0,289
CHR8	1E+07	CHR8:10082125	SSF x Near_LoA	-8,70843673	0,053	0,319

CHR8	1E+07	CHR8:10082239	SSF x Near_LoA	-12,5286652	0,043	0,293
CHR8	1E+07	CHR8:10093488	SSF x Near_LoA	-10,3754384	0,020	0,311
CHR8	1E+07	CHR8:10093515	SSF x Near_LoA	-10,2626443	0,010	0,307
CHR8	1E+07	CHR8:10093524	SSF x Near_LoA	-8,35118947	-0,054	0,316
CHR8	1E+07	CHR8:10093533	SSF x Near_LoA	-9,2782956	-0,047	0,314
CHR8	1E+07	CHR8:10093566	SSF x Near_LoA	-7,78223367	0,003	0,313
CHR8	1E+07	CHR8:10093577	SSF x Near_LoA	-7,5945998	-0,099	0,323
CHR8	1E+07	CHR8:10093686	SSF x Near_LoA	-10,9171526	0,016	0,313
CHR8	1E+07	CHR8:10093727	SSF x Near_LoA	-8,56335388	0,006	0,312
CHR8	1E+07	CHR8:10117462	SSF x Near_LoA	-9,42149071	-0,020	0,304
CHR8	1E+07	CHR8:10117559	SSF x Near_LoA	-7,13512761	0,000	0,303
CHR8	1E+07	CHR8:10120033	SSF x Near_LoA	-11,3021857	0,041	0,307
CHR8	1E+07	CHR8:10120160	SSF x Near_LoA	-9,03460641	-0,067	0,303
CHR8	1E+07	CHR8:10120179	SSF x Near_LoA	-8,64713395	-0,046	0,310
CHR8	1E+07	CHR8:10132460	SSF x Near_LoA	-8,50882158	0,016	0,295
CHR8	1E+07	CHR8:10132664	SSF x Near_LoA	-11,1827491	0,082	0,300
CHR8	1E+07	CHR8:10142348	SSF x Near_LoA	-9,331235	0,114	0,302
CHR8	1E+07	CHR8:10145781	SSF x Near_LoA	-11,6984564	0,020	0,297
CHR8	1E+07	CHR8:10150156	SSF x Near_LoA	-8,75490692	0,010	0,301
CHR8	1E+07	CHR8:10153835	SSF x Near_LoA	-7,78942885	-0,087	0,295
CHR8	1E+07	CHR8:10153921	SSF x Near_LoA	-8,62708372	0,104	0,297
CHR8	1E+07	CHR8:10153954	SSF x Near_LoA	-2,95442951	0,052	0,321
CHR8	1E+07	CHR8:10164100	SSF x Near_LoA	-9,76888798	-0,173	0,299
CHR8	1E+07	CHR8:10164199	SSF x Near_LoA	-9,97809271	-0,057	0,328
CHR8	1E+07	CHR8:10164256	SSF x Near_LoA	-9,90222053	0,125	0,305
CHR8	1016452	CHR8:1016452	SSF x Near_LoA	-10,318165	-0,060	0,297
CHR8	1E+07	CHR8:10168439	SSF x Near_LoA	-11,1777086	-0,016	0,305
CHR8	1E+07	CHR8:10168476	SSF x Near_LoA	-2,53044986	-0,073	0,314
CHR8	1E+07	CHR8:10168495	SSF x Near_LoA	-9,30974537	0,018	0,316
CHR8	1E+07	CHR8:10168519	SSF x Near_LoA	-9,32773791	0,063	0,324
CHR8	1E+07	CHR8:10168521	SSF x Near_LoA	-9,27417731	-0,038	0,309
CHR8	1E+07	CHR8:10170251	SSF x Near_LoA	-11,9069997	0,034	0,301
CHR8	1E+07	CHR8:10171508	SSF x Near_LoA	-7,63456809	0,056	0,309
CHR8	1E+07	CHR8:10171560	SSF x Near_LoA	-9,5391326	-0,069	0,315
CHR8	1E+07	CHR8:10171594	SSF x Near_LoA	-9,92083182	0,002	0,308
CHR8	1E+07	CHR8:10172712	SSF x Near_LoA	-11,0945232	-0,027	0,308
CHR8	1018475	CHR8:1018475	SSF x Near_LoA	-8,64314074	0,033	0,313
CHR8	1018476	CHR8:1018476	SSF x Near_LoA	-8,54831429	0,024	0,321
CHR8	1E+07	CHR8:10191373	SSF x Near_LoA	-7,51576774	0,181	0,295
CHR8	1E+07	CHR8:10191413	SSF x Near_LoA	-10,536979	0,024	0,305
CHR8	1E+07	CHR8:10191476	SSF x Near_LoA	-9,48090653	0,063	0,312
CHR8	1E+07	CHR8:10191477	SSF x Near_LoA	-4,23202085	0,119	0,321
CHR8	1E+07	CHR8:10191589	SSF x Near_LoA	-9,11543772	0,079	0,294
CHR8	1E+07	CHR8:10191635	SSF x Near_LoA	-3,37442692	-0,161	0,299
CHR8	1E+07	CHR8:10200985	SSF x Near_LoA	-11,2527167	0,028	0,303
CHR8	1E+07	CHR8:10201174	SSF x Near_LoA	-10,3318582	0,013	0,300
CHR8	1E+07	CHR8:10201230	SSF x Near_LoA	-6,52637186	0,104	0,300
CHR8	1E+07	CHR8:10201238	SSF x Near_LoA	-9,34415938	-0,026	0,299
CHR8	1E+07	CHR8:10201262	SSF x Near_LoA	-8,6787266	0,126	0,295
CHR8	1E+07	CHR8:10201302	SSF x Near_LoA	-11,7922704	-0,040	0,314
CHR8	1021827	CHR8:1021827	SSF x Near_LoA	-6,77959218	0,068	0,306
CHR8	1E+07	CHR8:10231586	SSF x Near_LoA	-8,55223063	-0,002	0,312
CHR8	1E+07	CHR8:10231765	SSF x Near_LoA	-9,27988345	-0,138	0,303

CHR8	1E+07	CHR8:10231774	SSF x Near_LoA	-7,7236142	0,175	0,300
CHR8	1E+07	CHR8:10231798	SSF x Near_LoA	-8,38248487	-0,037	0,304
CHR8	1E+07	CHR8:10231820	SSF x Near_LoA	-6,1825436	0,086	0,313
CHR8	1E+07	CHR8:10244363	SSF x Near_LoA	-10,7748985	-0,025	0,315
CHR8	1E+07	CHR8:10244429	SSF x Near_LoA	-10,4109143	-0,010	0,289
CHR8	1E+07	CHR8:10244437	SSF x Near_LoA	-12,0144034	0,041	0,305
CHR8	1E+07	CHR8:10244484	SSF x Near_LoA	-9,7705056	0,116	0,312
CHR8	1E+07	CHR8:10244498	SSF x Near_LoA	-8,57311322	-0,112	0,303
CHR8	1E+07	CHR8:10262234	SSF x Near_LoA	-12,0966079	-0,004	0,305
CHR8	1E+07	CHR8:10262479	SSF x Near_LoA	-10,5439232	0,091	0,307
CHR8	1E+07	CHR8:10265993	SSF x Near_LoA	-8,16116924	0,102	0,311
CHR8	1E+07	CHR8:10266269	SSF x Near_LoA	-11,212599	0,056	0,309
CHR8	1E+07	CHR8:10267269	SSF x Near_LoA	-10,4473728	-0,097	0,296
CHR8	1E+07	CHR8:10267287	SSF x Near_LoA	-8,92395557	-0,029	0,303
CHR8	1E+07	CHR8:10267310	SSF x Near_LoA	-10,2372442	-0,047	0,308
CHR8	1E+07	CHR8:10269070	SSF x Near_LoA	-9,32714765	-0,024	0,298
CHR8	1E+07	CHR8:10269111	SSF x Near_LoA	-9,08802557	-0,089	0,308
CHR8	1E+07	CHR8:10269134	SSF x Near_LoA	-9,69987052	-0,083	0,296
CHR8	1E+07	CHR8:10269135	SSF x Near_LoA	-7,71432485	-0,124	0,305
CHR8	1E+07	CHR8:10269159	SSF x Near_LoA	-8,63555872	-0,095	0,302
CHR8	1E+07	CHR8:10269165	SSF x Near_LoA	-6,91584672	0,072	0,319
CHR8	1E+07	CHR8:10269267	SSF x Near_LoA	-10,5904322	0,090	0,310
CHR8	1E+07	CHR8:10272361	SSF x Near_LoA	-10,0230406	-0,080	0,298
CHR8	1E+07	CHR8:10272370	SSF x Near_LoA	-7,67133665	-0,123	0,308
CHR8	1E+07	CHR8:10272402	SSF x Near_LoA	-8,98301727	0,033	0,298
CHR8	1E+07	CHR8:10272411	SSF x Near_LoA	-5,59556973	-0,120	0,309
CHR8	1E+07	CHR8:10272478	SSF x Near_LoA	-7,8021559	-0,066	0,310
CHR8	1E+07	CHR8:10276175	SSF x Near_LoA	-4,28045814	0,032	0,309
CHR8	1E+07	CHR8:10276196	SSF x Near_LoA	-9,27026993	-0,043	0,300
CHR8	1E+07	CHR8:10276217	SSF x Near_LoA	-9,42892541	0,025	0,305
CHR8	1E+07	CHR8:10276245	SSF x Near_LoA	-8,77830463	-0,041	0,321
CHR8	1E+07	CHR8:10276251	SSF x Near_LoA	-8,51412324	-0,042	0,308
CHR8	1E+07	CHR8:10276262	SSF x Near_LoA	-9,00891705	0,047	0,311
CHR8	1E+07	CHR8:10277120	SSF x Near_LoA	-10,5810555	-0,037	0,305
CHR8	1E+07	CHR8:10277121	SSF x Near_LoA	-9,57544264	0,024	0,306
CHR8	1E+07	CHR8:10293364	SSF x Near_LoA	-10,7314387	0,032	0,319
CHR8	1E+07	CHR8:10293421	SSF x Near_LoA	-10,2741466	-0,091	0,296
CHR8	1E+07	CHR8:10295966	SSF x Near_LoA	-10,4786994	-0,098	0,313
CHR8	1E+07	CHR8:10301922	SSF x Near_LoA	-8,85024142	0,130	0,281
CHR8	1E+07	CHR8:10302020	SSF x Near_LoA	-4,48323436	-0,162	0,295
CHR8	1E+07	CHR8:10302119	SSF x Near_LoA	-9,85280135	0,009	0,315
CHR8	1E+07	CHR8:10307123	SSF x Near_LoA	-8,98968219	-0,006	0,309
CHR8	1E+07	CHR8:10307135	SSF x Near_LoA	-7,04447222	-0,025	0,303
CHR8	1E+07	CHR8:10318915	SSF x Near_LoA	-7,20132508	0,071	0,314
CHR8	1E+07	CHR8:10319894	SSF x Near_LoA	-10,200594	-0,014	0,317
CHR8	1E+07	CHR8:10323004	SSF x Near_LoA	-8,62713485	-0,015	0,319
CHR8	1E+07	CHR8:10323031	SSF x Near_LoA	-3,40605315	-0,147	0,302
CHR8	1E+07	CHR8:10323082	SSF x Near_LoA	-10,6106537	-0,062	0,308
CHR8	1E+07	CHR8:10323822	SSF x Near_LoA	-9,36291256	-0,081	0,315
CHR8	1E+07	CHR8:10325925	SSF x Near_LoA	-10,4583576	-0,066	0,307
CHR8	1E+07	CHR8:10326002	SSF x Near_LoA	-11,602642	0,053	0,300
CHR8	1E+07	CHR8:10350078	SSF x Near_LoA	-9,16534106	0,072	0,307
CHR8	1E+07	CHR8:10350160	SSF x Near_LoA	1,60355758	0,047	0,305

CHR8	1E+07	CHR8:10350196	SSF x Near_LoA	-10,3135605	0,042	0,314
CHR8	1E+07	CHR8:10350217	SSF x Near_LoA	-8,3976883	0,030	0,315
CHR8	1E+07	CHR8:10350224	SSF x Near_LoA	7,61663473	-0,061	0,310
CHR8	1E+07	CHR8:10350226	SSF x Near_LoA	-7,08720373	-0,040	0,316
CHR8	1E+07	CHR8:10350290	SSF x Near_LoA	-8,65738092	-0,011	0,301
CHR8	1E+07	CHR8:10350340	SSF x Near_LoA	-8,57349441	0,040	0,319
CHR8	1E+07	CHR8:10350352	SSF x Near_LoA	-9,10554183	0,081	0,312
CHR8	1E+07	CHR8:10354533	SSF x Near_LoA	-8,51741858	0,097	0,304
CHR8	1E+07	CHR8:10354565	SSF x Near_LoA	-8,98423068	0,119	0,308
CHR8	1E+07	CHR8:10354595	SSF x Near_LoA	-10,1111182	-0,026	0,310
CHR8	1E+07	CHR8:10354710	SSF x Near_LoA	-11,4434844	-0,111	0,304
CHR8	1E+07	CHR8:10356985	SSF x Near_LoA	-11,4322887	-0,010	0,307
CHR8	1E+07	CHR8:10357253	SSF x Near_LoA	-11,1652041	0,112	0,302
CHR8	1E+07	CHR8:10361581	SSF x Near_LoA	-10,2221075	-0,064	0,322
CHR8	1E+07	CHR8:10361642	SSF x Near_LoA	-7,88945451	0,024	0,297
CHR8	1E+07	CHR8:10361643	SSF x Near_LoA	-7,89135135	0,001	0,308
CHR8	1E+07	CHR8:10361649	SSF x Near_LoA	-8,44482109	0,055	0,311
CHR8	1E+07	CHR8:10361684	SSF x Near_LoA	-10,7713832	-0,072	0,312
CHR8	1E+07	CHR8:10361685	SSF x Near_LoA	-6,45469084	-0,041	0,312
CHR8	1E+07	CHR8:10365782	SSF x Near_LoA	-5,18131475	0,053	0,319
CHR8	1E+07	CHR8:10365801	SSF x Near_LoA	-2,5158183	0,009	0,310
CHR8	1E+07	CHR8:10368461	SSF x Near_LoA	-8,81108547	0,034	0,315
CHR8	1E+07	CHR8:10368473	SSF x Near_LoA	-9,66369606	0,027	0,306
CHR8	1E+07	CHR8:10368516	SSF x Near_LoA	-6,9054227	-0,013	0,314
CHR8	1E+07	CHR8:10368558	SSF x Near_LoA	-10,356211	-0,118	0,309
CHR8	1E+07	CHR8:10368707	SSF x Near_LoA	-8,18399618	-0,080	0,302
CHR8	1037058	CHR8:1037058	SSF x Near_LoA	-11,7970025	-0,047	0,299
CHR8	1037068	CHR8:1037068	SSF x Near_LoA	-10,6487304	0,111	0,307
CHR8	1E+07	CHR8:10371658	SSF x Near_LoA	-10,6308624	0,017	0,310
CHR8	1E+07	CHR8:10373617	SSF x Near_LoA	-7,93119252	-0,059	0,310
CHR8	1E+07	CHR8:10373628	SSF x Near_LoA	-11,1735147	0,068	0,302
CHR8	1E+07	CHR8:10373672	SSF x Near_LoA	-9,26998737	0,012	0,308
CHR8	1E+07	CHR8:10373677	SSF x Near_LoA	-6,93468569	0,030	0,302
CHR8	1E+07	CHR8:10373685	SSF x Near_LoA	-10,2618011	-0,071	0,301
CHR8	1E+07	CHR8:10373687	SSF x Near_LoA	-10,7641286	0,013	0,309
CHR8	1E+07	CHR8:10373695	SSF x Near_LoA	-9,81295112	0,124	0,309
CHR8	1E+07	CHR8:10374855	SSF x Near_LoA	-8,22655452	-0,076	0,308
CHR8	1E+07	CHR8:10374875	SSF x Near_LoA	-10,3586989	0,054	0,302
CHR8	1E+07	CHR8:10374894	SSF x Near_LoA	-11,2671876	-0,024	0,320
CHR8	1E+07	CHR8:10374895	SSF x Near_LoA	-9,97439844	0,084	0,306
CHR8	1E+07	CHR8:10379874	SSF x Near_LoA	-8,27982561	0,054	0,318
CHR8	1E+07	CHR8:10379901	SSF x Near_LoA	-7,18352644	0,049	0,309
CHR8	1E+07	CHR8:10379905	SSF x Near_LoA	-8,25142535	0,059	0,301
CHR8	1E+07	CHR8:10379906	SSF x Near_LoA	2,39957688	0,123	0,307
CHR8	1E+07	CHR8:10389080	SSF x Near_LoA	-7,1247246	0,148	0,290
CHR8	1E+07	CHR8:10389088	SSF x Near_LoA	-9,17465292	0,062	0,298
CHR8	1E+07	CHR8:10389114	SSF x Near_LoA	-10,1702583	0,145	0,302
CHR8	1E+07	CHR8:10389133	SSF x Near_LoA	-4,32456862	-0,174	0,306
CHR8	1E+07	CHR8:10389152	SSF x Near_LoA	-10,5287343	-0,102	0,307
CHR8	1E+07	CHR8:10389172	SSF x Near_LoA	-8,48764813	-0,041	0,305
CHR8	1E+07	CHR8:10389195	SSF x Near_LoA	-11,8991384	-0,071	0,302
CHR8	1E+07	CHR8:10396461	SSF x Near_LoA	-10,2148284	0,024	0,314
CHR8	1E+07	CHR8:10401915	SSF x Near_LoA	-7,74103826	0,015	0,304

CHR8	1E+07	CHR8:10401965	SSF x Near_LoA	-2,79596609	-0,143	0,320
CHR8	1E+07	CHR8:10401983	SSF x Near_LoA	-9,17050835	0,035	0,309
CHR8	1E+07	CHR8:10401984	SSF x Near_LoA	-8,28882303	-0,004	0,313
CHR8	1E+07	CHR8:10402024	SSF x Near_LoA	-11,1092741	0,058	0,310
CHR8	1040228	CHR8:1040228	SSF x Near_LoA	-9,00307529	0,068	0,302
CHR8	1040251	CHR8:1040251	SSF x Near_LoA	-7,49975307	-0,137	0,307
CHR8	1040314	CHR8:1040314	SSF x Near_LoA	-10,0817284	0,094	0,298
CHR8	1040531	CHR8:1040531	SSF x Near_LoA	-10,8895804	0,000	0,307
CHR8	1E+07	CHR8:10405468	SSF x Near_LoA	-12,0634722	-0,024	0,311
CHR8	1E+07	CHR8:10405514	SSF x Near_LoA	-10,1697695	0,089	0,294
CHR8	1E+07	CHR8:10405518	SSF x Near_LoA	-10,3211474	-0,029	0,301
CHR8	1E+07	CHR8:10405623	SSF x Near_LoA	-5,66859959	-0,154	0,305
CHR8	1E+07	CHR8:10405634	SSF x Near_LoA	-7,61234446	-0,127	0,306
CHR8	1E+07	CHR8:10405719	SSF x Near_LoA	-8,21166127	-0,016	0,321
CHR8	1E+07	CHR8:10408335	SSF x Near_LoA	-4,91715678	0,080	0,299
CHR8	1E+07	CHR8:10408415	SSF x Near_LoA	-7,31094396	0,046	0,301
CHR8	1E+07	CHR8:10408442	SSF x Near_LoA	-7,54508551	0,055	0,315
CHR8	1E+07	CHR8:10411784	SSF x Near_LoA	-7,69582529	0,142	0,293
CHR8	1E+07	CHR8:10421299	SSF x Near_LoA	-10,2839649	0,001	0,305
CHR8	1E+07	CHR8:10421736	SSF x Near_LoA	-8,06477616	-0,110	0,316
CHR8	1E+07	CHR8:10433025	SSF x Near_LoA	-9,08008948	-0,114	0,309
CHR8	1E+07	CHR8:10433048	SSF x Near_LoA	-6,59051833	0,121	0,304
CHR8	1E+07	CHR8:10433069	SSF x Near_LoA	-10,7452167	-0,057	0,306
CHR8	1E+07	CHR8:10433082	SSF x Near_LoA	-6,81711812	-0,076	0,309
CHR8	1E+07	CHR8:10433111	SSF x Near_LoA	-9,35689203	-0,024	0,312
CHR8	1E+07	CHR8:10433114	SSF x Near_LoA	-9,7391337	-0,055	0,305
CHR8	1E+07	CHR8:10433120	SSF x Near_LoA	-11,9232556	-0,001	0,294
CHR8	1E+07	CHR8:10433150	SSF x Near_LoA	-11,4855643	0,008	0,313
CHR8	1E+07	CHR8:10433160	SSF x Near_LoA	-8,73237498	-0,025	0,308
CHR8	1E+07	CHR8:10433163	SSF x Near_LoA	-6,48123929	-0,020	0,315
CHR8	1E+07	CHR8:10433198	SSF x Near_LoA	-9,19437126	0,028	0,308
CHR8	1E+07	CHR8:10433213	SSF x Near_LoA	-10,756366	0,027	0,310
CHR8	1E+07	CHR8:10433219	SSF x Near_LoA	-9,81463324	-0,033	0,318
CHR8	1E+07	CHR8:10433238	SSF x Near_LoA	-10,8344285	0,002	0,307
CHR8	1E+07	CHR8:10433241	SSF x Near_LoA	-10,5149049	0,001	0,302
CHR8	1E+07	CHR8:10433247	SSF x Near_LoA	-9,29775884	-0,025	0,302
CHR8	1E+07	CHR8:10457949	SSF x Near_LoA	-8,73981198	-0,012	0,315
CHR8	1E+07	CHR8:10457971	SSF x Near_LoA	-6,45900157	-0,174	0,290
CHR8	1E+07	CHR8:10457982	SSF x Near_LoA	-7,62668722	0,035	0,317
CHR8	1E+07	CHR8:10462450	SSF x Near_LoA	-7,85260601	0,106	0,313
CHR8	1E+07	CHR8:10462457	SSF x Near_LoA	-7,31765139	0,104	0,304
CHR8	1E+07	CHR8:10462482	SSF x Near_LoA	-5,80597979	0,120	0,304
CHR8	1E+07	CHR8:10468722	SSF x Near_LoA	-10,1194833	-0,059	0,307
CHR8	1E+07	CHR8:10468729	SSF x Near_LoA	-6,98469541	-0,015	0,319
CHR8	1E+07	CHR8:10468832	SSF x Near_LoA	-8,09787812	-0,045	0,313
CHR8	1E+07	CHR8:10468872	SSF x Near_LoA	-8,73508421	0,053	0,302
CHR8	1E+07	CHR8:10468890	SSF x Near_LoA	-8,32424871	0,048	0,304
CHR8	1E+07	CHR8:10468902	SSF x Near_LoA	-8,69789642	0,027	0,309
CHR8	1E+07	CHR8:10480049	SSF x Near_LoA	-9,10905094	0,059	0,303
CHR8	1E+07	CHR8:10480200	SSF x Near_LoA	-9,40438797	-0,008	0,287
CHR8	1E+07	CHR8:10483490	SSF x Near_LoA	-8,91553107	0,109	0,297
CHR8	1E+07	CHR8:10483494	SSF x Near_LoA	-8,11831181	0,118	0,307
CHR8	1E+07	CHR8:10483501	SSF x Near_LoA	-10,626301	0,016	0,312

CHR8	1E+07	CHR8:10483518	SSF x Near_LoA	-10,2444714	0,058	0,295
CHR8	1E+07	CHR8:10483529	SSF x Near_LoA	-9,1265521	0,052	0,307
CHR8	1E+07	CHR8:10483531	SSF x Near_LoA	-7,92501517	0,061	0,309
CHR8	1E+07	CHR8:10483534	SSF x Near_LoA	-8,05341724	0,033	0,318
CHR8	1E+07	CHR8:10483545	SSF x Near_LoA	-10,3038931	0,107	0,319
CHR8	1E+07	CHR8:10483546	SSF x Near_LoA	-7,83364405	-0,073	0,312
CHR8	1E+07	CHR8:10483548	SSF x Near_LoA	-7,97138552	-0,066	0,305
CHR8	1E+07	CHR8:10483572	SSF x Near_LoA	-10,6302325	0,079	0,295
CHR8	1E+07	CHR8:10483586	SSF x Near_LoA	-9,58501213	0,000	0,295
CHR8	1E+07	CHR8:10483588	SSF x Near_LoA	-8,38027838	-0,037	0,321
CHR8	1E+07	CHR8:10483643	SSF x Near_LoA	-10,4508944	0,068	0,311
CHR8	1E+07	CHR8:10483662	SSF x Near_LoA	-10,1570121	0,097	0,300
CHR8	1E+07	CHR8:10483678	SSF x Near_LoA	-10,6261098	0,040	0,293
CHR8	1048665	CHR8:1048665	SSF x Near_LoA	-8,35477175	-0,027	0,303
CHR8	1048756	CHR8:1048756	SSF x Near_LoA	-11,0524102	-0,042	0,297
CHR8	1048809	CHR8:1048809	SSF x Near_LoA	-9,63437114	0,045	0,307
CHR8	1048840	CHR8:1048840	SSF x Near_LoA	-10,5761394	0,102	0,299
CHR8	1048865	CHR8:1048865	SSF x Near_LoA	-10,3541868	0,110	0,313
CHR8	10502902	CHR8:10502902	SSF x Near_LoA	-10,8485195	-0,023	0,303
CHR8	10502922	CHR8:10502922	SSF x Near_LoA	-11,3928287	-0,006	0,322
CHR8	10502973	CHR8:10502973	SSF x Near_LoA	-9,8157595	-0,047	0,304
CHR8	10502976	CHR8:10502976	SSF x Near_LoA	-9,43168822	-0,042	0,309
CHR8	10503085	CHR8:10503085	SSF x Near_LoA	-9,65789405	0,006	0,303
CHR8	10503098	CHR8:10503098	SSF x Near_LoA	-4,09502	0,114	0,310
CHR8	10503120	CHR8:10503120	SSF x Near_LoA	-10,5297304	0,152	0,288
CHR8	10503164	CHR8:10503164	SSF x Near_LoA	-9,91391131	-0,064	0,305
CHR8	10503172	CHR8:10503172	SSF x Near_LoA	-8,60884868	-0,049	0,310
CHR8	1051114	CHR8:1051114	SSF x Near_LoA	-5,86323231	-0,153	0,297
CHR8	1051157	CHR8:1051157	SSF x Near_LoA	-7,77382749	0,042	0,300
CHR8	10513103	CHR8:10513103	SSF x Near_LoA	-9,94625959	0,042	0,297
CHR8	1052027	CHR8:1052027	SSF x Near_LoA	-7,59631242	-0,174	0,309
CHR8	1052065	CHR8:1052065	SSF x Near_LoA	-8,99650823	0,009	0,315
CHR8	10524690	CHR8:10524690	SSF x Near_LoA	-11,0942467	0,082	0,318
CHR8	10524804	CHR8:10524804	SSF x Near_LoA	-8,65492526	0,095	0,290
CHR8	10524832	CHR8:10524832	SSF x Near_LoA	-8,36101333	-0,137	0,313
CHR8	10524845	CHR8:10524845	SSF x Near_LoA	-8,82040006	0,018	0,308
CHR8	10524858	CHR8:10524858	SSF x Near_LoA	-10,4685411	-0,098	0,321
CHR8	10524866	CHR8:10524866	SSF x Near_LoA	-7,80240259	-0,021	0,302
CHR8	10526859	CHR8:10526859	SSF x Near_LoA	-0,67547938	0,109	0,310
CHR8	10534798	CHR8:10534798	SSF x Near_LoA	-10,0737119	0,034	0,310
CHR8	10534909	CHR8:10534909	SSF x Near_LoA	-6,81697504	-0,074	0,301
CHR8	10534913	CHR8:10534913	SSF x Near_LoA	-4,73078357	0,024	0,308
CHR8	10534916	CHR8:10534916	SSF x Near_LoA	1,00700469	0,020	0,303
CHR8	10535384	CHR8:10535384	SSF x Near_LoA	-8,39475893	0,076	0,296
CHR8	10535406	CHR8:10535406	SSF x Near_LoA	-4,34061527	-0,154	0,299
CHR8	10535434	CHR8:10535434	SSF x Near_LoA	-8,0097694	0,089	0,300
CHR8	10535435	CHR8:10535435	SSF x Near_LoA	-8,20079895	0,089	0,306
CHR8	10535438	CHR8:10535438	SSF x Near_LoA	-6,79379304	0,074	0,304
CHR8	10535448	CHR8:10535448	SSF x Near_LoA	-10,4557334	0,057	0,325
CHR8	10535492	CHR8:10535492	SSF x Near_LoA	-8,59197373	-0,001	0,325
CHR8	10540638	CHR8:10540638	SSF x Near_LoA	-6,03364967	0,086	0,311
CHR8	10540640	CHR8:10540640	SSF x Near_LoA	-7,25140963	-0,087	0,303
CHR8	10540663	CHR8:10540663	SSF x Near_LoA	-9,1250811	-0,035	0,303

CHR8	10540664	CHR8:10540664	SSF x Near_LoA	-7,04724391	-0,080	0,282
CHR8	10540666	CHR8:10540666	SSF x Near_LoA	-8,29731237	0,024	0,315
CHR8	10540689	CHR8:10540689	SSF x Near_LoA	-7,47136727	-0,107	0,291
CHR8	10540692	CHR8:10540692	SSF x Near_LoA	-9,28345278	0,018	0,294
CHR8	10547173	CHR8:10547173	SSF x Near_LoA	-10,2676491	-0,089	0,314
CHR8	10550227	CHR8:10550227	SSF x Near_LoA	-9,70572968	0,006	0,308
CHR8	10550229	CHR8:10550229	SSF x Near_LoA	-5,88509586	-0,103	0,299
CHR8	10550259	CHR8:10550259	SSF x Near_LoA	-8,15077401	-0,086	0,305
CHR8	10550285	CHR8:10550285	SSF x Near_LoA	-9,36851424	-0,055	0,312
CHR8	10550286	CHR8:10550286	SSF x Near_LoA	-7,95000647	-0,141	0,297
CHR8	10550287	CHR8:10550287	SSF x Near_LoA	-9,74839643	-0,040	0,311
CHR8	10550288	CHR8:10550288	SSF x Near_LoA	-6,05087489	-0,036	0,319
CHR8	10550317	CHR8:10550317	SSF x Near_LoA	-6,4576507	0,072	0,301
CHR8	10550340	CHR8:10550340	SSF x Near_LoA	-8,55601355	-0,084	0,300
CHR8	10550719	CHR8:10550719	SSF x Near_LoA	-7,92493673	0,014	0,317
CHR8	10550791	CHR8:10550791	SSF x Near_LoA	-8,00856021	0,102	0,317
CHR8	10550802	CHR8:10550802	SSF x Near_LoA	-10,8227496	0,017	0,296
CHR8	10550831	CHR8:10550831	SSF x Near_LoA	-11,3883206	-0,081	0,307
CHR8	10550832	CHR8:10550832	SSF x Near_LoA	-5,40082496	-0,100	0,314
CHR8	10554914	CHR8:10554914	SSF x Near_LoA	-8,13899434	-0,030	0,318
CHR8	10554933	CHR8:10554933	SSF x Near_LoA	-7,93677671	-0,002	0,318
CHR8	10554976	CHR8:10554976	SSF x Near_LoA	-8,68417631	0,124	0,306
CHR8	10554991	CHR8:10554991	SSF x Near_LoA	-3,77967746	-0,020	0,311
CHR8	10555024	CHR8:10555024	SSF x Near_LoA	-8,55537407	0,043	0,299
CHR8	10565897	CHR8:10565897	SSF x Near_LoA	-11,0849245	0,023	0,298
CHR8	1056688	CHR8:1056688	SSF x Near_LoA	-2,90988625	-0,054	0,321
CHR8	10568133	CHR8:10568133	SSF x Near_LoA	-9,17507113	0,052	0,316
CHR8	10585361	CHR8:10585361	SSF x Near_LoA	-11,4519142	0,025	0,301
CHR8	10585376	CHR8:10585376	SSF x Near_LoA	-7,1328521	-0,060	0,308
CHR8	10585476	CHR8:10585476	SSF x Near_LoA	-5,80497309	0,102	0,311
CHR8	10585486	CHR8:10585486	SSF x Near_LoA	-8,26033161	-0,035	0,308
CHR8	10585853	CHR8:10585853	SSF x Near_LoA	-8,16636872	0,098	0,300
CHR8	10585982	CHR8:10585982	SSF x Near_LoA	-10,7915236	0,078	0,305
CHR8	1059020	CHR8:1059020	SSF x Near_LoA	-9,73176656	0,043	0,304
CHR8	1059037	CHR8:1059037	SSF x Near_LoA	-8,42238968	0,135	0,292
CHR8	1059159	CHR8:1059159	SSF x Near_LoA	-4,38282062	0,091	0,313
CHR8	10592039	CHR8:10592039	SSF x Near_LoA	-8,72386937	-0,026	0,315
CHR8	10592078	CHR8:10592078	SSF x Near_LoA	-10,3256783	0,016	0,299
CHR8	10592095	CHR8:10592095	SSF x Near_LoA	-8,85314826	-0,070	0,308
CHR8	10592104	CHR8:10592104	SSF x Near_LoA	-8,62984332	-0,068	0,312
CHR8	10592123	CHR8:10592123	SSF x Near_LoA	-9,31070186	-0,021	0,306
CHR8	10592124	CHR8:10592124	SSF x Near_LoA	-7,31398999	-0,090	0,298
CHR8	10601289	CHR8:10601289	SSF x Near_LoA	-6,98856076	0,160	0,296
CHR8	10601344	CHR8:10601344	SSF x Near_LoA	-7,00959819	0,029	0,314
CHR8	10601362	CHR8:10601362	SSF x Near_LoA	-10,2921252	0,021	0,296
CHR8	10601387	CHR8:10601387	SSF x Near_LoA	-7,64631545	0,112	0,306
CHR8	10601396	CHR8:10601396	SSF x Near_LoA	-9,02263552	0,035	0,300
CHR8	10601398	CHR8:10601398	SSF x Near_LoA	-7,76298095	0,083	0,313
CHR8	10601399	CHR8:10601399	SSF x Near_LoA	-8,58079373	0,100	0,289
CHR8	10601400	CHR8:10601400	SSF x Near_LoA	-7,95706614	0,137	0,296
CHR8	10601417	CHR8:10601417	SSF x Near_LoA	4,20532472	0,046	0,295
CHR8	10601437	CHR8:10601437	SSF x Near_LoA	-7,79486553	0,103	0,299
CHR8	10601551	CHR8:10601551	SSF x Near_LoA	-9,76928287	0,127	0,296

CHR8	10601580	CHR8:10601580	SSF x Near_LoA	-7,42404067	0,133	0,305
CHR8	10601623	CHR8:10601623	SSF x Near_LoA	-9,59595479	0,078	0,317
CHR8	10601630	CHR8:10601630	SSF x Near_LoA	-11,6781705	-0,011	0,306
CHR8	10601642	CHR8:10601642	SSF x Near_LoA	-7,58123883	0,113	0,319
CHR8	10615191	CHR8:10615191	SSF x Near_LoA	-11,2342397	-0,045	0,307
CHR8	10615192	CHR8:10615192	SSF x Near_LoA	-8,36450679	-0,060	0,317
CHR8	10615194	CHR8:10615194	SSF x Near_LoA	-7,68614016	0,018	0,306
CHR8	10615577	CHR8:10615577	SSF x Near_LoA	-9,97484174	0,123	0,315
CHR8	10615673	CHR8:10615673	SSF x Near_LoA	-11,0921638	0,000	0,303
CHR8	10615686	CHR8:10615686	SSF x Near_LoA	-8,89845248	0,021	0,316
CHR8	10615687	CHR8:10615687	SSF x Near_LoA	-9,91644795	0,164	0,300
CHR8	10631766	CHR8:10631766	SSF x Near_LoA	-10,2317757	-0,069	0,303
CHR8	10631792	CHR8:10631792	SSF x Near_LoA	-9,02284259	-0,055	0,309
CHR8	10631819	CHR8:10631819	SSF x Near_LoA	-7,36678429	-0,061	0,310
CHR8	10631836	CHR8:10631836	SSF x Near_LoA	-9,46433731	-0,027	0,305
CHR8	10631879	CHR8:10631879	SSF x Near_LoA	-10,0036093	0,072	0,308
CHR8	10632377	CHR8:10632377	SSF x Near_LoA	-7,66220573	-0,188	0,289
CHR8	10639114	CHR8:10639114	SSF x Near_LoA	-10,615483	-0,056	0,311
CHR8	10644320	CHR8:10644320	SSF x Near_LoA	-10,840043	-0,018	0,301
CHR8	10644365	CHR8:10644365	SSF x Near_LoA	-9,44317628	-0,045	0,304
CHR8	10644383	CHR8:10644383	SSF x Near_LoA	-7,87988457	-0,040	0,333
CHR8	10644391	CHR8:10644391	SSF x Near_LoA	-9,62072283	-0,029	0,316
CHR8	10644458	CHR8:10644458	SSF x Near_LoA	-10,4847913	0,025	0,298
CHR8	10644478	CHR8:10644478	SSF x Near_LoA	-9,44160978	0,122	0,306
CHR8	10644554	CHR8:10644554	SSF x Near_LoA	-9,77541519	0,030	0,306
CHR8	10664093	CHR8:10664093	SSF x Near_LoA	-10,4956897	-0,065	0,305
CHR8	10664153	CHR8:10664153	SSF x Near_LoA	-9,65460851	0,048	0,301
CHR8	10664188	CHR8:10664188	SSF x Near_LoA	-8,02790406	0,089	0,304
CHR8	10664675	CHR8:10664675	SSF x Near_LoA	-7,51666807	-0,094	0,304
CHR8	10664698	CHR8:10664698	SSF x Near_LoA	-3,79006024	-0,005	0,295
CHR8	10664713	CHR8:10664713	SSF x Near_LoA	-10,2828843	0,070	0,297
CHR8	1067160	CHR8:1067160	SSF x Near_LoA	-8,24359046	0,000	0,324
CHR8	1067197	CHR8:1067197	SSF x Near_LoA	-8,64611837	0,015	0,313
CHR8	10674022	CHR8:10674022	SSF x Near_LoA	-7,15573574	-0,009	0,308
CHR8	10674183	CHR8:10674183	SSF x Near_LoA	-8,69678531	0,055	0,313
CHR8	10682028	CHR8:10682028	SSF x Near_LoA	-10,2507595	-0,137	0,309
CHR8	10682044	CHR8:10682044	SSF x Near_LoA	-8,17690798	-0,025	0,311
CHR8	10682049	CHR8:10682049	SSF x Near_LoA	-11,9841534	-0,030	0,320
CHR8	10682368	CHR8:10682368	SSF x Near_LoA	-9,55100188	-0,081	0,317
CHR8	10682482	CHR8:10682482	SSF x Near_LoA	-8,22914925	-0,061	0,309
CHR8	10705995	CHR8:10705995	SSF x Near_LoA	-11,1909259	0,008	0,314
CHR8	10706091	CHR8:10706091	SSF x Near_LoA	-7,77140504	-0,008	0,303
CHR8	10706141	CHR8:10706141	SSF x Near_LoA	-10,4904576	0,034	0,305
CHR8	10710535	CHR8:10710535	SSF x Near_LoA	-9,44125137	-0,020	0,306
CHR8	10710546	CHR8:10710546	SSF x Near_LoA	-10,4541154	0,004	0,313
CHR8	10720025	CHR8:10720025	SSF x Near_LoA	-8,02553421	0,061	0,319
CHR8	10720055	CHR8:10720055	SSF x Near_LoA	11,3642723	0,277	0,292
CHR8	10720074	CHR8:10720074	SSF x Near_LoA	-5,28988368	0,235	0,294
CHR8	10720192	CHR8:10720192	SSF x Near_LoA	-3,65636482	0,228	0,290
CHR8	10725480	CHR8:10725480	SSF x Near_LoA	-9,33983834	0,069	0,299
CHR8	10725512	CHR8:10725512	SSF x Near_LoA	-6,7680361	0,160	0,298
CHR8	10725542	CHR8:10725542	SSF x Near_LoA	-10,5488216	-0,085	0,307
CHR8	10725696	CHR8:10725696	SSF x Near_LoA	-7,91564804	-0,107	0,304

CHR8	10725752	CHR8:10725752	SSF x Near_LoA	-9,38470519	-0,073	0,296
CHR8	10729565	CHR8:10729565	SSF x Near_LoA	-10,6953908	-0,023	0,317
CHR8	10729584	CHR8:10729584	SSF x Near_LoA	-5,86086131	0,051	0,305
CHR8	10729633	CHR8:10729633	SSF x Near_LoA	-8,06708126	0,034	0,301
CHR8	10729634	CHR8:10729634	SSF x Near_LoA	-7,32261047	0,018	0,322
CHR8	10729651	CHR8:10729651	SSF x Near_LoA	-8,72220964	0,043	0,313
CHR8	10729652	CHR8:10729652	SSF x Near_LoA	-8,97592782	0,002	0,311
CHR8	10729669	CHR8:10729669	SSF x Near_LoA	-10,9015086	0,003	0,304
CHR8	10729672	CHR8:10729672	SSF x Near_LoA	-5,65461225	0,053	0,295
CHR8	10729704	CHR8:10729704	SSF x Near_LoA	-9,14659575	0,013	0,298
CHR8	10729736	CHR8:10729736	SSF x Near_LoA	-11,0688014	-0,063	0,311
CHR8	10729744	CHR8:10729744	SSF x Near_LoA	-8,19583938	0,026	0,301
CHR8	10729759	CHR8:10729759	SSF x Near_LoA	-10,9319597	-0,070	0,313
CHR8	1073261	CHR8:1073261	SSF x Near_LoA	1,3389188	0,037	0,305
CHR8	1073265	CHR8:1073265	SSF x Near_LoA	-9,08946376	-0,069	0,309
CHR8	1073269	CHR8:1073269	SSF x Near_LoA	-8,79302808	-0,061	0,305
CHR8	1073342	CHR8:1073342	SSF x Near_LoA	-10,5099419	-0,101	0,313
CHR8	10762637	CHR8:10762637	SSF x Near_LoA	-7,06167315	0,085	0,313
CHR8	10765511	CHR8:10765511	SSF x Near_LoA	-6,81018019	-0,122	0,299
CHR8	10773568	CHR8:10773568	SSF x Near_LoA	-11,8267198	-0,048	0,300
CHR8	10783676	CHR8:10783676	SSF x Near_LoA	-8,16795561	-0,052	0,309
CHR8	10783764	CHR8:10783764	SSF x Near_LoA	-9,12559276	0,110	0,304
CHR8	10783872	CHR8:10783872	SSF x Near_LoA	-9,2443173	0,016	0,311
CHR8	10788989	CHR8:10788989	SSF x Near_LoA	-9,03409598	-0,021	0,307
CHR8	10814137	CHR8:10814137	SSF x Near_LoA	-9,44637792	0,052	0,306
CHR8	10814180	CHR8:10814180	SSF x Near_LoA	-3,97154217	-0,094	0,309
CHR8	10814194	CHR8:10814194	SSF x Near_LoA	-8,91786637	0,055	0,315
CHR8	10814217	CHR8:10814217	SSF x Near_LoA	-7,39782988	-0,031	0,306
CHR8	10814269	CHR8:10814269	SSF x Near_LoA	-10,7460422	-0,054	0,308
CHR8	10814336	CHR8:10814336	SSF x Near_LoA	-10,5117058	-0,018	0,322
CHR8	10820026	CHR8:10820026	SSF x Near_LoA	-9,55863161	0,093	0,295
CHR8	10830323	CHR8:10830323	SSF x Near_LoA	-8,61916342	0,156	0,302
CHR8	10830347	CHR8:10830347	SSF x Near_LoA	-7,47661077	-0,074	0,307
CHR8	10830362	CHR8:10830362	SSF x Near_LoA	-8,1690922	-0,045	0,325
CHR8	10830393	CHR8:10830393	SSF x Near_LoA	-6,73420608	-0,058	0,308
CHR8	10830404	CHR8:10830404	SSF x Near_LoA	-8,91596334	-0,104	0,330
CHR8	10830463	CHR8:10830463	SSF x Near_LoA	-10,5951588	-0,018	0,314
CHR8	10830569	CHR8:10830569	SSF x Near_LoA	-2,4940347	0,216	0,287
CHR8	10842135	CHR8:10842135	SSF x Near_LoA	-10,7686809	-0,046	0,312
CHR8	10842140	CHR8:10842140	SSF x Near_LoA	-8,74699653	-0,064	0,299
CHR8	10842162	CHR8:10842162	SSF x Near_LoA	-8,39735827	0,128	0,295
CHR8	10842169	CHR8:10842169	SSF x Near_LoA	-9,45819991	0,117	0,304
CHR8	10843465	CHR8:10843465	SSF x Near_LoA	-9,09507546	0,042	0,306
CHR8	10843484	CHR8:10843484	SSF x Near_LoA	-8,42265572	0,105	0,320
CHR8	10843562	CHR8:10843562	SSF x Near_LoA	-6,94190511	0,043	0,321
CHR8	10843582	CHR8:10843582	SSF x Near_LoA	-8,23205139	-0,039	0,304
CHR8	10847071	CHR8:10847071	SSF x Near_LoA	-1,68499484	-0,130	0,295
CHR8	10853321	CHR8:10853321	SSF x Near_LoA	-8,81251894	-0,009	0,314
CHR8	10853328	CHR8:10853328	SSF x Near_LoA	-11,5982918	-0,065	0,305
CHR8	10853392	CHR8:10853392	SSF x Near_LoA	-8,79698398	0,018	0,303
CHR8	10853396	CHR8:10853396	SSF x Near_LoA	-5,38672448	0,016	0,307
CHR8	10853415	CHR8:10853415	SSF x Near_LoA	-9,57521861	-0,013	0,301
CHR8	10857407	CHR8:10857407	SSF x Near_LoA	-8,89933954	0,012	0,306

CHR8	10857499	CHR8:10857499	SSF x Near_LoA	-11,7339198	-0,036	0,305
CHR8	10864165	CHR8:10864165	SSF x Near_LoA	-9,30832076	0,036	0,310
CHR8	10864177	CHR8:10864177	SSF x Near_LoA	-10,418447	-0,002	0,307
CHR8	10864189	CHR8:10864189	SSF x Near_LoA	-6,54381574	0,061	0,299
CHR8	10864204	CHR8:10864204	SSF x Near_LoA	-8,97184999	0,073	0,304
CHR8	10864270	CHR8:10864270	SSF x Near_LoA	-7,60288604	0,093	0,304
CHR8	10864279	CHR8:10864279	SSF x Near_LoA	-9,01277709	0,013	0,311
CHR8	10864313	CHR8:10864313	SSF x Near_LoA	-6,64325802	0,011	0,307
CHR8	10864356	CHR8:10864356	SSF x Near_LoA	-7,77871178	-0,037	0,306
CHR8	10869916	CHR8:10869916	SSF x Near_LoA	-10,1159101	0,054	0,311
CHR8	10869935	CHR8:10869935	SSF x Near_LoA	-8,91686824	0,065	0,317
CHR8	10869978	CHR8:10869978	SSF x Near_LoA	-8,37736499	-0,060	0,311
CHR8	1087332	CHR8:1087332	SSF x Near_LoA	-10,39408	-0,027	0,300
CHR8	10875998	CHR8:10875998	SSF x Near_LoA	-8,25527688	-0,135	0,292
CHR8	10876052	CHR8:10876052	SSF x Near_LoA	-9,09196478	-0,091	0,306
CHR8	10876054	CHR8:10876054	SSF x Near_LoA	-7,94968582	-0,104	0,310
CHR8	10876061	CHR8:10876061	SSF x Near_LoA	-8,21029203	-0,071	0,303
CHR8	10876115	CHR8:10876115	SSF x Near_LoA	-9,27682359	-0,097	0,306
CHR8	1088158	CHR8:1088158	SSF x Near_LoA	-5,6104657	-0,065	0,286
CHR8	10883884	CHR8:10883884	SSF x Near_LoA	-7,61720528	0,131	0,312
CHR8	10883966	CHR8:10883966	SSF x Near_LoA	-9,26672975	0,068	0,311
CHR8	10884032	CHR8:10884032	SSF x Near_LoA	-8,96528367	0,059	0,310
CHR8	10884119	CHR8:10884119	SSF x Near_LoA	-5,98922265	0,044	0,312
CHR8	10886728	CHR8:10886728	SSF x Near_LoA	-10,1825272	0,054	0,311
CHR8	10886731	CHR8:10886731	SSF x Near_LoA	-11,7716038	0,014	0,302
CHR8	10886732	CHR8:10886732	SSF x Near_LoA	-8,59585597	0,034	0,310
CHR8	10886763	CHR8:10886763	SSF x Near_LoA	-8,19296458	0,002	0,309
CHR8	10886790	CHR8:10886790	SSF x Near_LoA	-9,87677519	0,025	0,307
CHR8	10886859	CHR8:10886859	SSF x Near_LoA	-7,46191486	-0,046	0,313
CHR8	10886865	CHR8:10886865	SSF x Near_LoA	-9,82516495	0,007	0,313
CHR8	10886911	CHR8:10886911	SSF x Near_LoA	-9,60899369	-0,012	0,297
CHR8	10886940	CHR8:10886940	SSF x Near_LoA	-7,42365997	0,001	0,302
CHR8	10888024	CHR8:10888024	SSF x Near_LoA	-7,83615866	0,072	0,306
CHR8	10891391	CHR8:10891391	SSF x Near_LoA	-11,038764	-0,116	0,306
CHR8	10903049	CHR8:10903049	SSF x Near_LoA	-7,18522757	-0,003	0,314
CHR8	10903085	CHR8:10903085	SSF x Near_LoA	-10,6018496	0,093	0,310
CHR8	10903141	CHR8:10903141	SSF x Near_LoA	-10,501518	0,068	0,312
CHR8	10906867	CHR8:10906867	SSF x Near_LoA	-6,2286772	-0,109	0,303
CHR8	10906876	CHR8:10906876	SSF x Near_LoA	-6,93538557	0,054	0,306
CHR8	10906938	CHR8:10906938	SSF x Near_LoA	-6,64210394	0,061	0,291
CHR8	10906960	CHR8:10906960	SSF x Near_LoA	-9,98854422	0,020	0,313
CHR8	10908031	CHR8:10908031	SSF x Near_LoA	-8,42193597	-0,072	0,316
CHR8	10908093	CHR8:10908093	SSF x Near_LoA	-8,00590437	-0,054	0,324
CHR8	10914566	CHR8:10914566	SSF x Near_LoA	-9,04377343	0,021	0,293
CHR8	10914789	CHR8:10914789	SSF x Near_LoA	-9,29115765	-0,033	0,306
CHR8	10914838	CHR8:10914838	SSF x Near_LoA	-8,60006206	-0,038	0,302
CHR8	10914843	CHR8:10914843	SSF x Near_LoA	-8,38371118	-0,037	0,298
CHR8	10914871	CHR8:10914871	SSF x Near_LoA	-8,8101952	0,016	0,320
CHR8	10914875	CHR8:10914875	SSF x Near_LoA	-9,19598144	-0,005	0,314
CHR8	10924231	CHR8:10924231	SSF x Near_LoA	-9,36030466	0,093	0,290
CHR8	10924235	CHR8:10924235	SSF x Near_LoA	-8,46485497	-0,077	0,305
CHR8	10924314	CHR8:10924314	SSF x Near_LoA	-1,91011536	0,154	0,284
CHR8	10924332	CHR8:10924332	SSF x Near_LoA	-6,23840552	0,142	0,283

CHR8	10928810	CHR8:10928810	SSF x Near_LoA	-10,4943093	-0,125	0,301
CHR8	10939520	CHR8:10939520	SSF x Near_LoA	-8,11940676	0,082	0,325
CHR8	10939539	CHR8:10939539	SSF x Near_LoA	-9,80640296	0,006	0,319
CHR8	10939572	CHR8:10939572	SSF x Near_LoA	-8,40674784	0,015	0,316
CHR8	10955264	CHR8:10955264	SSF x Near_LoA	-8,83513782	0,060	0,311
CHR8	10955275	CHR8:10955275	SSF x Near_LoA	-9,49253834	0,056	0,297
CHR8	10955283	CHR8:10955283	SSF x Near_LoA	-7,90198249	-0,144	0,307
CHR8	10956508	CHR8:10956508	SSF x Near_LoA	-10,3362882	0,010	0,302
CHR8	10956632	CHR8:10956632	SSF x Near_LoA	-10,1051363	0,031	0,305
CHR8	10956633	CHR8:10956633	SSF x Near_LoA	-9,67636337	0,051	0,310
CHR8	10962320	CHR8:10962320	SSF x Near_LoA	-9,37095296	-0,017	0,324
CHR8	10962340	CHR8:10962340	SSF x Near_LoA	-10,1461887	-0,030	0,314
CHR8	10962544	CHR8:10962544	SSF x Near_LoA	-11,3519507	0,027	0,297
CHR8	10978592	CHR8:10978592	SSF x Near_LoA	-10,4996139	-0,060	0,311
CHR8	10989294	CHR8:10989294	SSF x Near_LoA	-8,28715905	0,138	0,295
CHR8	10989312	CHR8:10989312	SSF x Near_LoA	-7,27595489	0,024	0,311
CHR8	10989321	CHR8:10989321	SSF x Near_LoA	-10,199713	-0,021	0,324
CHR8	10989344	CHR8:10989344	SSF x Near_LoA	-10,1573421	0,136	0,304
CHR8	10989349	CHR8:10989349	SSF x Near_LoA	-9,46431834	0,117	0,321
CHR8	10989440	CHR8:10989440	SSF x Near_LoA	-0,52231722	-0,022	0,316
CHR8	10989502	CHR8:10989502	SSF x Near_LoA	-10,9121153	0,076	0,319
CHR8	11016828	CHR8:11016828	SSF x Near_LoA	-11,628216	-0,024	0,324
CHR8	11016952	CHR8:11016952	SSF x Near_LoA	-10,1603222	-0,103	0,309
CHR8	11016971	CHR8:11016971	SSF x Near_LoA	4,01136225	-0,144	0,318
CHR8	11016983	CHR8:11016983	SSF x Near_LoA	-5,28065505	-0,113	0,326
CHR8	11018288	CHR8:11018288	SSF x Near_LoA	-9,80175557	0,009	0,300
CHR8	11018300	CHR8:11018300	SSF x Near_LoA	-7,59543744	-0,129	0,300
CHR8	11018365	CHR8:11018365	SSF x Near_LoA	-10,1717305	-0,036	0,315
CHR8	11018419	CHR8:11018419	SSF x Near_LoA	-10,7808704	0,070	0,308
CHR8	11018507	CHR8:11018507	SSF x Near_LoA	-11,4820133	0,004	0,285
CHR8	11021547	CHR8:11021547	SSF x Near_LoA	-9,74624979	0,023	0,307
CHR8	11024731	CHR8:11024731	SSF x Near_LoA	-8,39082314	0,026	0,322
CHR8	11024861	CHR8:11024861	SSF x Near_LoA	-9,19538222	-0,066	0,310
CHR8	11030714	CHR8:11030714	SSF x Near_LoA	-9,69987043	-0,058	0,320
CHR8	11030716	CHR8:11030716	SSF x Near_LoA	-7,9236143	-0,156	0,298
CHR8	11030792	CHR8:11030792	SSF x Near_LoA	-8,75554343	-0,067	0,299
CHR8	11035769	CHR8:11035769	SSF x Near_LoA	-8,30121881	0,066	0,308
CHR8	11046234	CHR8:11046234	SSF x Near_LoA	-10,3988486	0,079	0,311
CHR8	11046293	CHR8:11046293	SSF x Near_LoA	-11,428069	-0,074	0,312
CHR8	11046318	CHR8:11046318	SSF x Near_LoA	-6,6273085	-0,166	0,308
CHR8	11046328	CHR8:11046328	SSF x Near_LoA	-3,87028697	0,206	0,299
CHR8	11063388	CHR8:11063388	SSF x Near_LoA	-8,32977618	-0,006	0,313
CHR8	11063576	CHR8:11063576	SSF x Near_LoA	-5,45541052	-0,021	0,310
CHR8	11066993	CHR8:11066993	SSF x Near_LoA	-5,85628682	-0,062	0,317
CHR8	11067035	CHR8:11067035	SSF x Near_LoA	-8,18881552	-0,008	0,316
CHR8	11067070	CHR8:11067070	SSF x Near_LoA	-8,06875324	0,003	0,316
CHR8	11067074	CHR8:11067074	SSF x Near_LoA	-9,90146942	-0,110	0,318
CHR8	11067089	CHR8:11067089	SSF x Near_LoA	-2,69013777	0,101	0,298
CHR8	11067110	CHR8:11067110	SSF x Near_LoA	-9,9125042	-0,022	0,313
CHR8	11067119	CHR8:11067119	SSF x Near_LoA	-10,1415573	0,017	0,298
CHR8	11069956	CHR8:11069956	SSF x Near_LoA	-9,8674068	-0,047	0,315
CHR8	11070065	CHR8:11070065	SSF x Near_LoA	-8,81495602	-0,031	0,315
CHR8	11070073	CHR8:11070073	SSF x Near_LoA	-7,80094164	-0,137	0,303

CHR8	110727	CHR8:110727	SSF x Near_LoA	-7,13923034	-0,108	0,314
CHR8	1109357	CHR8:1109357	SSF x Near_LoA	-10,5047741	0,007	0,326
CHR8	1109365	CHR8:1109365	SSF x Near_LoA	-1,23612756	-0,245	0,299
CHR8	1109662	CHR8:1109662	SSF x Near_LoA	-7,66203922	0,099	0,320
CHR8	11098315	CHR8:11098315	SSF x Near_LoA	-10,6765652	-0,044	0,307
CHR8	11098330	CHR8:11098330	SSF x Near_LoA	-7,24890903	0,004	0,293
CHR8	11098370	CHR8:11098370	SSF x Near_LoA	-11,1778091	-0,024	0,308
CHR8	11098390	CHR8:11098390	SSF x Near_LoA	-9,59597087	-0,044	0,316
CHR8	11098405	CHR8:11098405	SSF x Near_LoA	-10,4658251	0,104	0,292
CHR8	11098421	CHR8:11098421	SSF x Near_LoA	-9,75646648	-0,033	0,319
CHR8	11098448	CHR8:11098448	SSF x Near_LoA	-8,69421595	-0,023	0,312
CHR8	11098483	CHR8:11098483	SSF x Near_LoA	-8,54902761	-0,052	0,301
CHR8	11098484	CHR8:11098484	SSF x Near_LoA	-9,39513113	-0,062	0,309
CHR8	11098517	CHR8:11098517	SSF x Near_LoA	-8,27109139	-0,030	0,312
CHR8	11115555	CHR8:11115555	SSF x Near_LoA	-11,0832502	-0,059	0,305
CHR8	11115596	CHR8:11115596	SSF x Near_LoA	-6,71172434	0,133	0,304
CHR8	11115652	CHR8:11115652	SSF x Near_LoA	-9,36437352	-0,038	0,310
CHR8	11115714	CHR8:11115714	SSF x Near_LoA	-10,3212986	-0,035	0,307
CHR8	11115793	CHR8:11115793	SSF x Near_LoA	-9,49887863	-0,026	0,311
CHR8	11118284	CHR8:11118284	SSF x Near_LoA	-10,9176571	-0,007	0,311
CHR8	11122892	CHR8:11122892	SSF x Near_LoA	-11,957224	-0,061	0,298
CHR8	11122909	CHR8:11122909	SSF x Near_LoA	-10,2931948	-0,120	0,312
CHR8	11123024	CHR8:11123024	SSF x Near_LoA	-6,31155856	0,036	0,300
CHR8	11127442	CHR8:11127442	SSF x Near_LoA	-6,51999974	0,125	0,302
CHR8	11127467	CHR8:11127467	SSF x Near_LoA	-8,5814069	0,036	0,314
CHR8	11133050	CHR8:11133050	SSF x Near_LoA	-10,1034887	0,018	0,311
CHR8	11133081	CHR8:11133081	SSF x Near_LoA	-9,06885289	-0,001	0,309
CHR8	11133087	CHR8:11133087	SSF x Near_LoA	-8,36608783	-0,024	0,308
CHR8	11133115	CHR8:11133115	SSF x Near_LoA	-10,2448977	-0,024	0,304
CHR8	11146625	CHR8:11146625	SSF x Near_LoA	-4,98376333	-0,105	0,318
CHR8	11146701	CHR8:11146701	SSF x Near_LoA	-5,58772794	0,064	0,308
CHR8	11146713	CHR8:11146713	SSF x Near_LoA	-7,82635966	-0,155	0,316
CHR8	11146768	CHR8:11146768	SSF x Near_LoA	-9,38401993	0,038	0,299
CHR8	11146806	CHR8:11146806	SSF x Near_LoA	-6,72696508	0,162	0,301
CHR8	11146826	CHR8:11146826	SSF x Near_LoA	-10,1165505	0,053	0,315
CHR8	11148178	CHR8:11148178	SSF x Near_LoA	-9,96457594	-0,107	0,307
CHR8	11158179	CHR8:11158179	SSF x Near_LoA	-8,31863344	-0,065	0,325
CHR8	11158320	CHR8:11158320	SSF x Near_LoA	-7,57742014	-0,038	0,307
CHR8	11165090	CHR8:11165090	SSF x Near_LoA	-9,11775121	0,060	0,319
CHR8	11165094	CHR8:11165094	SSF x Near_LoA	-8,83043897	-0,044	0,308
CHR8	11165106	CHR8:11165106	SSF x Near_LoA	-10,0224749	0,017	0,306
CHR8	11165109	CHR8:11165109	SSF x Near_LoA	-7,32000935	0,105	0,314
CHR8	11165122	CHR8:11165122	SSF x Near_LoA	-9,58441386	-0,030	0,313
CHR8	11165149	CHR8:11165149	SSF x Near_LoA	-8,48771511	0,100	0,302
CHR8	11165197	CHR8:11165197	SSF x Near_LoA	-8,08030985	0,101	0,315
CHR8	11165204	CHR8:11165204	SSF x Near_LoA	-6,14533963	0,057	0,311
CHR8	11171304	CHR8:11171304	SSF x Near_LoA	-7,11277817	-0,111	0,303
CHR8	11171366	CHR8:11171366	SSF x Near_LoA	-10,5602504	0,009	0,309
CHR8	11171403	CHR8:11171403	SSF x Near_LoA	-6,78749325	-0,088	0,313
CHR8	1117832	CHR8:1117832	SSF x Near_LoA	-9,57846893	-0,121	0,300
CHR8	1117846	CHR8:1117846	SSF x Near_LoA	-9,260092	0,086	0,305
CHR8	1117875	CHR8:1117875	SSF x Near_LoA	-10,6820505	0,048	0,304
CHR8	1117902	CHR8:1117902	SSF x Near_LoA	-10,0627125	-0,077	0,306

CHR8	1117904	CHR8:1117904	SSF x Near_LoA	-11,0486461	-0,042	0,303
CHR8	1119561	CHR8:1119561	SSF x Near_LoA	-10,6810955	-0,035	0,307
CHR8	1120482	CHR8:1120482	SSF x Near_LoA	-9,66642672	0,178	0,297
CHR8	1120532	CHR8:1120532	SSF x Near_LoA	-8,56020329	0,014	0,305
CHR8	11217162	CHR8:11217162	SSF x Near_LoA	-9,86734023	0,031	0,322
CHR8	11217172	CHR8:11217172	SSF x Near_LoA	-9,53955539	0,032	0,310
CHR8	11217194	CHR8:11217194	SSF x Near_LoA	-7,38644502	0,038	0,308
CHR8	11217206	CHR8:11217206	SSF x Near_LoA	-7,80731175	0,043	0,312
CHR8	11217240	CHR8:11217240	SSF x Near_LoA	-9,12352781	0,049	0,302
CHR8	11217258	CHR8:11217258	SSF x Near_LoA	-8,0755555	0,066	0,312
CHR8	11217398	CHR8:11217398	SSF x Near_LoA	-9,50929578	-0,080	0,303
CHR8	11221780	CHR8:11221780	SSF x Near_LoA	-7,86201205	-0,074	0,303
CHR8	11243783	CHR8:11243783	SSF x Near_LoA	-9,0195279	0,118	0,304
CHR8	11243912	CHR8:11243912	SSF x Near_LoA	-7,16889609	-0,042	0,311
CHR8	11243919	CHR8:11243919	SSF x Near_LoA	-8,55249096	0,060	0,319
CHR8	11243930	CHR8:11243930	SSF x Near_LoA	-9,23760608	-0,186	0,301
CHR8	11243935	CHR8:11243935	SSF x Near_LoA	-6,18296258	0,134	0,314
CHR8	11243937	CHR8:11243937	SSF x Near_LoA	-9,05225051	-0,054	0,307
CHR8	11243940	CHR8:11243940	SSF x Near_LoA	-9,68774362	0,007	0,298
CHR8	11243968	CHR8:11243968	SSF x Near_LoA	-9,05892195	0,035	0,309
CHR8	11243984	CHR8:11243984	SSF x Near_LoA	-9,50945636	0,081	0,303
CHR8	11243985	CHR8:11243985	SSF x Near_LoA	-9,28007731	0,060	0,308
CHR8	11243998	CHR8:11243998	SSF x Near_LoA	-10,2200982	0,013	0,298
CHR8	11244002	CHR8:11244002	SSF x Near_LoA	-8,75762976	-0,127	0,304
CHR8	11244029	CHR8:11244029	SSF x Near_LoA	-8,02998001	0,024	0,306
CHR8	11244030	CHR8:11244030	SSF x Near_LoA	-6,62461247	-0,167	0,305
CHR8	11249197	CHR8:11249197	SSF x Near_LoA	-8,54050348	-0,032	0,314
CHR8	11249234	CHR8:11249234	SSF x Near_LoA	-5,43706854	0,071	0,307
CHR8	1125716	CHR8:1125716	SSF x Near_LoA	-11,0346834	0,017	0,308
CHR8	11258894	CHR8:11258894	SSF x Near_LoA	-11,0088831	0,016	0,312
CHR8	11259069	CHR8:11259069	SSF x Near_LoA	-6,30809699	0,120	0,291
CHR8	11266993	CHR8:11266993	SSF x Near_LoA	-9,4785663	0,061	0,301
CHR8	11267064	CHR8:11267064	SSF x Near_LoA	-10,5367256	0,036	0,309
CHR8	11267101	CHR8:11267101	SSF x Near_LoA	-9,6525441	-0,106	0,303
CHR8	11267103	CHR8:11267103	SSF x Near_LoA	-8,73834469	0,018	0,314
CHR8	11273397	CHR8:11273397	SSF x Near_LoA	-11,0489281	0,060	0,292
CHR8	11273422	CHR8:11273422	SSF x Near_LoA	-9,6222565	0,046	0,298
CHR8	11273445	CHR8:11273445	SSF x Near_LoA	-10,9111225	0,030	0,298
CHR8	11273524	CHR8:11273524	SSF x Near_LoA	-6,76743847	-0,104	0,300
CHR8	11273533	CHR8:11273533	SSF x Near_LoA	-8,30717411	-0,038	0,295
CHR8	11273536	CHR8:11273536	SSF x Near_LoA	-10,6198444	0,067	0,306
CHR8	11273594	CHR8:11273594	SSF x Near_LoA	-2,44916825	0,032	0,314
CHR8	11273599	CHR8:11273599	SSF x Near_LoA	-8,61264231	-0,017	0,288
CHR8	11287477	CHR8:11287477	SSF x Near_LoA	-9,57540463	0,049	0,303
CHR8	11287799	CHR8:11287799	SSF x Near_LoA	-6,22163034	0,034	0,323
CHR8	11293690	CHR8:11293690	SSF x Near_LoA	-8,69506668	0,030	0,312
CHR8	11293745	CHR8:11293745	SSF x Near_LoA	-9,19085639	-0,144	0,303
CHR8	11293804	CHR8:11293804	SSF x Near_LoA	-11,1910582	-0,020	0,303
CHR8	11297883	CHR8:11297883	SSF x Near_LoA	-11,1580876	0,048	0,314
CHR8	11297915	CHR8:11297915	SSF x Near_LoA	-9,08946461	0,155	0,294
CHR8	11299412	CHR8:11299412	SSF x Near_LoA	-8,95111361	-0,033	0,307
CHR8	11299436	CHR8:11299436	SSF x Near_LoA	-7,64921463	-0,002	0,298
CHR8	11299460	CHR8:11299460	SSF x Near_LoA	-9,54908753	-0,058	0,308

CHR8	11299467	CHR8:11299467	SSF x Near_LoA	-8,12747127	0,065	0,320
CHR8	11307694	CHR8:11307694	SSF x Near_LoA	-10,1305912	-0,066	0,299
CHR8	11307739	CHR8:11307739	SSF x Near_LoA	-7,74354714	-0,102	0,303
CHR8	11320443	CHR8:11320443	SSF x Near_LoA	-9,69588384	0,043	0,308
CHR8	11320616	CHR8:11320616	SSF x Near_LoA	-8,87161282	0,027	0,307
CHR8	11320634	CHR8:11320634	SSF x Near_LoA	-9,54395301	-0,052	0,310
CHR8	11322257	CHR8:11322257	SSF x Near_LoA	-11,0369879	0,057	0,303
CHR8	11322275	CHR8:11322275	SSF x Near_LoA	-11,0345886	0,016	0,323
CHR8	11322276	CHR8:11322276	SSF x Near_LoA	-10,9335837	-0,024	0,316
CHR8	11328144	CHR8:11328144	SSF x Near_LoA	-9,03154703	0,100	0,299
CHR8	11328153	CHR8:11328153	SSF x Near_LoA	-9,16296204	-0,031	0,316
CHR8	11328208	CHR8:11328208	SSF x Near_LoA	-7,83169129	-0,098	0,299
CHR8	11328533	CHR8:11328533	SSF x Near_LoA	-9,18330953	-0,058	0,308
CHR8	1133027	CHR8:1133027	SSF x Near_LoA	-8,01034577	-0,100	0,300
CHR8	11330496	CHR8:11330496	SSF x Near_LoA	-9,24535127	-0,044	0,303
CHR8	11330552	CHR8:11330552	SSF x Near_LoA	-10,8607732	-0,010	0,318
CHR8	11330580	CHR8:11330580	SSF x Near_LoA	-7,43440952	0,082	0,322
CHR8	1133103	CHR8:1133103	SSF x Near_LoA	-5,85401573	-0,076	0,315
CHR8	11337253	CHR8:11337253	SSF x Near_LoA	-9,96334142	0,010	0,309
CHR8	11337436	CHR8:11337436	SSF x Near_LoA	-8,30256759	0,080	0,314
CHR8	11337454	CHR8:11337454	SSF x Near_LoA	-10,3951464	0,033	0,301
CHR8	11337460	CHR8:11337460	SSF x Near_LoA	-7,98079557	-0,001	0,319
CHR8	11337505	CHR8:11337505	SSF x Near_LoA	-8,12558033	-0,057	0,316
CHR8	11349030	CHR8:11349030	SSF x Near_LoA	-7,69306855	-0,183	0,291
CHR8	11349090	CHR8:11349090	SSF x Near_LoA	-8,68702388	0,112	0,292
CHR8	11352821	CHR8:11352821	SSF x Near_LoA	-9,12993548	0,067	0,316
CHR8	11355060	CHR8:11355060	SSF x Near_LoA	-9,47311868	0,092	0,313
CHR8	11355240	CHR8:11355240	SSF x Near_LoA	-9,91146322	-0,038	0,317
CHR8	11355276	CHR8:11355276	SSF x Near_LoA	-10,1155522	-0,036	0,302
CHR8	11355295	CHR8:11355295	SSF x Near_LoA	-11,0120843	0,074	0,308
CHR8	11355304	CHR8:11355304	SSF x Near_LoA	-9,2944443	-0,032	0,305
CHR8	11364523	CHR8:11364523	SSF x Near_LoA	-8,62082267	-0,110	0,301
CHR8	11364542	CHR8:11364542	SSF x Near_LoA	-10,8874	0,025	0,307
CHR8	11364554	CHR8:11364554	SSF x Near_LoA	-8,50051778	0,097	0,315
CHR8	11364574	CHR8:11364574	SSF x Near_LoA	-9,84352776	-0,047	0,316
CHR8	11367041	CHR8:11367041	SSF x Near_LoA	-8,50394816	0,041	0,312
CHR8	11367091	CHR8:11367091	SSF x Near_LoA	-9,70680217	0,069	0,310
CHR8	11367502	CHR8:11367502	SSF x Near_LoA	-9,43834729	-0,005	0,300
CHR8	11367519	CHR8:11367519	SSF x Near_LoA	-9,84701325	-0,017	0,315
CHR8	11367537	CHR8:11367537	SSF x Near_LoA	-9,24686923	0,004	0,307
CHR8	11367541	CHR8:11367541	SSF x Near_LoA	-9,62346784	0,021	0,308
CHR8	11367549	CHR8:11367549	SSF x Near_LoA	-9,37648911	0,027	0,304
CHR8	11374082	CHR8:11374082	SSF x Near_LoA	-9,14683821	-0,056	0,315
CHR8	11382673	CHR8:11382673	SSF x Near_LoA	-7,40838345	-0,113	0,309
CHR8	11388001	CHR8:11388001	SSF x Near_LoA	-12,2597123	0,002	0,308
CHR8	11392088	CHR8:11392088	SSF x Near_LoA	-11,2179946	-0,071	0,304
CHR8	11392110	CHR8:11392110	SSF x Near_LoA	-6,72487708	-0,023	0,305
CHR8	11392196	CHR8:11392196	SSF x Near_LoA	-9,64040267	-0,042	0,300
CHR8	11410522	CHR8:11410522	SSF x Near_LoA	-8,46396483	-0,091	0,315
CHR8	1141899	CHR8:1141899	SSF x Near_LoA	2,98992845	-0,184	0,300
CHR8	1142029	CHR8:1142029	SSF x Near_LoA	-4,09559514	-0,070	0,307
CHR8	1142032	CHR8:1142032	SSF x Near_LoA	-10,0746626	-0,085	0,296
CHR8	1142033	CHR8:1142033	SSF x Near_LoA	-9,06392022	-0,061	0,310

CHR8	1142121	CHR8:1142121	SSF x Near_LoA	-8,28027696	0,022	0,307
CHR8	11430682	CHR8:11430682	SSF x Near_LoA	-10,638729	0,012	0,319
CHR8	11430763	CHR8:11430763	SSF x Near_LoA	-3,03969139	-0,032	0,309
CHR8	11435287	CHR8:11435287	SSF x Near_LoA	-8,04106188	0,005	0,326
CHR8	11435304	CHR8:11435304	SSF x Near_LoA	-7,37897471	0,053	0,312
CHR8	11435379	CHR8:11435379	SSF x Near_LoA	-10,0481002	0,117	0,297
CHR8	11435400	CHR8:11435400	SSF x Near_LoA	-6,73885285	-0,128	0,311
CHR8	11435501	CHR8:11435501	SSF x Near_LoA	-7,98701722	0,009	0,317
CHR8	11435522	CHR8:11435522	SSF x Near_LoA	-8,6891021	-0,009	0,309
CHR8	11435533	CHR8:11435533	SSF x Near_LoA	-7,98500564	0,026	0,316
CHR8	11435564	CHR8:11435564	SSF x Near_LoA	-7,99591995	0,004	0,311
CHR8	11435595	CHR8:11435595	SSF x Near_LoA	-11,5412333	-0,015	0,307
CHR8	11435597	CHR8:11435597	SSF x Near_LoA	-9,34841262	-0,001	0,308
CHR8	11439744	CHR8:11439744	SSF x Near_LoA	-11,5765524	-0,070	0,313
CHR8	11439893	CHR8:11439893	SSF x Near_LoA	-6,41780079	0,199	0,295
CHR8	11445061	CHR8:11445061	SSF x Near_LoA	-9,53177718	0,021	0,321
CHR8	11445249	CHR8:11445249	SSF x Near_LoA	-8,14307906	-0,090	0,318
CHR8	11445268	CHR8:11445268	SSF x Near_LoA	-7,40814484	-0,163	0,305
CHR8	11445278	CHR8:11445278	SSF x Near_LoA	-6,55578641	-0,036	0,322
CHR8	11445288	CHR8:11445288	SSF x Near_LoA	-10,8441205	-0,046	0,307
CHR8	11452467	CHR8:11452467	SSF x Near_LoA	-7,86013919	-0,014	0,308
CHR8	11460326	CHR8:11460326	SSF x Near_LoA	-9,37413471	-0,011	0,317
CHR8	11460382	CHR8:11460382	SSF x Near_LoA	-10,3087831	0,134	0,296
CHR8	11460580	CHR8:11460580	SSF x Near_LoA	-8,99741287	0,092	0,313
CHR8	11471831	CHR8:11471831	SSF x Near_LoA	-8,58230158	-0,049	0,304
CHR8	11471984	CHR8:11471984	SSF x Near_LoA	-7,98850142	0,109	0,318
CHR8	11472054	CHR8:11472054	SSF x Near_LoA	-11,1756259	0,010	0,313
CHR8	11476984	CHR8:11476984	SSF x Near_LoA	-9,69968759	0,076	0,307
CHR8	11477003	CHR8:11477003	SSF x Near_LoA	-10,4466909	-0,078	0,320
CHR8	11477017	CHR8:11477017	SSF x Near_LoA	-11,3089241	-0,051	0,305
CHR8	11477030	CHR8:11477030	SSF x Near_LoA	-7,07311264	-0,196	0,298
CHR8	11477062	CHR8:11477062	SSF x Near_LoA	-10,8475563	-0,060	0,313
CHR8	11477103	CHR8:11477103	SSF x Near_LoA	-7,45499761	-0,172	0,291
CHR8	11477106	CHR8:11477106	SSF x Near_LoA	0,23219752	0,104	0,286
CHR8	11477144	CHR8:11477144	SSF x Near_LoA	-9,51562564	0,032	0,314
CHR8	11479683	CHR8:11479683	SSF x Near_LoA	-6,47155603	-0,091	0,310
CHR8	11479695	CHR8:11479695	SSF x Near_LoA	-7,47239592	-0,099	0,300
CHR8	11479728	CHR8:11479728	SSF x Near_LoA	-7,43034737	-0,168	0,299
CHR8	11479729	CHR8:11479729	SSF x Near_LoA	-5,10047667	-0,204	0,302
CHR8	11479737	CHR8:11479737	SSF x Near_LoA	-4,8617764	-0,221	0,305
CHR8	11479746	CHR8:11479746	SSF x Near_LoA	-8,74764105	-0,150	0,300
CHR8	11479780	CHR8:11479780	SSF x Near_LoA	-7,8367977	-0,061	0,304
CHR8	11479817	CHR8:11479817	SSF x Near_LoA	-8,4407636	0,004	0,309
CHR8	11479887	CHR8:11479887	SSF x Near_LoA	-6,87210955	0,150	0,305
CHR8	11488300	CHR8:11488300	SSF x Near_LoA	-9,08819158	-0,007	0,297
CHR8	11488303	CHR8:11488303	SSF x Near_LoA	-8,87948483	-0,008	0,299
CHR8	11488343	CHR8:11488343	SSF x Near_LoA	-8,18484223	-0,014	0,306
CHR8	11488355	CHR8:11488355	SSF x Near_LoA	-8,83122231	-0,014	0,298
CHR8	11488364	CHR8:11488364	SSF x Near_LoA	-10,1639107	-0,071	0,296
CHR8	11488385	CHR8:11488385	SSF x Near_LoA	-8,7458895	-0,015	0,308
CHR8	11491786	CHR8:11491786	SSF x Near_LoA	-7,53063488	0,001	0,303
CHR8	11494095	CHR8:11494095	SSF x Near_LoA	-9,07459835	-0,100	0,307
CHR8	11494169	CHR8:11494169	SSF x Near_LoA	-10,4859883	0,061	0,313

CHR8	11494189	CHR8:11494189	SSF x Near_LoA	-8,10397204	0,100	0,296
CHR8	11494204	CHR8:11494204	SSF x Near_LoA	-9,7374363	0,005	0,308
CHR8	11494254	CHR8:11494254	SSF x Near_LoA	-9,68026222	-0,118	0,296
CHR8	11494282	CHR8:11494282	SSF x Near_LoA	-8,98998796	-0,063	0,298
CHR8	11494286	CHR8:11494286	SSF x Near_LoA	-7,57081047	-0,043	0,314
CHR8	11494342	CHR8:11494342	SSF x Near_LoA	-8,11659717	-0,099	0,311
CHR8	11494348	CHR8:11494348	SSF x Near_LoA	-8,48706823	0,019	0,312
CHR8	1150882	CHR8:1150882	SSF x Near_LoA	-12,0211026	-0,020	0,302
CHR8	1151067	CHR8:1151067	SSF x Near_LoA	-7,55486552	0,040	0,315
CHR8	11513316	CHR8:11513316	SSF x Near_LoA	-10,740376	0,072	0,302
CHR8	11522750	CHR8:11522750	SSF x Near_LoA	-9,28627677	-0,008	0,305
CHR8	11527586	CHR8:11527586	SSF x Near_LoA	-7,74169057	0,092	0,301
CHR8	1153490	CHR8:1153490	SSF x Near_LoA	-12,0064277	-0,040	0,293
CHR8	11541983	CHR8:11541983	SSF x Near_LoA	-8,95862886	0,009	0,317
CHR8	11542000	CHR8:11542000	SSF x Near_LoA	-9,73410347	0,004	0,318
CHR8	11542200	CHR8:11542200	SSF x Near_LoA	-7,95022798	0,068	0,314
CHR8	11542218	CHR8:11542218	SSF x Near_LoA	-7,70544196	0,066	0,317
CHR8	11548261	CHR8:11548261	SSF x Near_LoA	-9,04416955	0,027	0,312
CHR8	11555737	CHR8:11555737	SSF x Near_LoA	-9,60809971	-0,023	0,311
CHR8	11555771	CHR8:11555771	SSF x Near_LoA	-11,3864155	-0,029	0,306
CHR8	11555828	CHR8:11555828	SSF x Near_LoA	-7,0525248	0,085	0,308
CHR8	11564460	CHR8:11564460	SSF x Near_LoA	-8,96506276	0,017	0,312
CHR8	11564465	CHR8:11564465	SSF x Near_LoA	-8,50333895	0,026	0,307
CHR8	11564617	CHR8:11564617	SSF x Near_LoA	-8,79411075	0,114	0,303
CHR8	1157976	CHR8:1157976	SSF x Near_LoA	-8,69957729	0,034	0,308
CHR8	11580037	CHR8:11580037	SSF x Near_LoA	-8,91981832	0,073	0,305
CHR8	1158066	CHR8:1158066	SSF x Near_LoA	-10,9664803	-0,067	0,308
CHR8	11581535	CHR8:11581535	SSF x Near_LoA	-10,6216181	0,117	0,313
CHR8	11581538	CHR8:11581538	SSF x Near_LoA	-7,41305427	0,207	0,302
CHR8	11581560	CHR8:11581560	SSF x Near_LoA	-9,64107708	0,035	0,312
CHR8	11581608	CHR8:11581608	SSF x Near_LoA	-10,6397836	-0,072	0,308
CHR8	11581616	CHR8:11581616	SSF x Near_LoA	-9,8562672	-0,064	0,300
CHR8	11581638	CHR8:11581638	SSF x Near_LoA	-10,3277917	-0,054	0,305
CHR8	11587509	CHR8:11587509	SSF x Near_LoA	-10,4675887	-0,089	0,317
CHR8	11587667	CHR8:11587667	SSF x Near_LoA	-11,2187168	-0,045	0,299
CHR8	11587712	CHR8:11587712	SSF x Near_LoA	-10,7337136	-0,003	0,312
CHR8	11595000	CHR8:11595000	SSF x Near_LoA	-9,77778907	0,053	0,312
CHR8	11595001	CHR8:11595001	SSF x Near_LoA	-11,1831532	0,102	0,311
CHR8	11595025	CHR8:11595025	SSF x Near_LoA	-7,7834352	0,056	0,315
CHR8	11595032	CHR8:11595032	SSF x Near_LoA	-11,6714724	0,074	0,312
CHR8	11595042	CHR8:11595042	SSF x Near_LoA	-10,6381909	0,121	0,295
CHR8	11595053	CHR8:11595053	SSF x Near_LoA	-11,1554003	-0,011	0,314
CHR8	11595059	CHR8:11595059	SSF x Near_LoA	-7,13424812	-0,036	0,290
CHR8	11603038	CHR8:11603038	SSF x Near_LoA	-11,5492129	0,074	0,294
CHR8	11603059	CHR8:11603059	SSF x Near_LoA	-8,91375629	0,104	0,309
CHR8	1161574	CHR8:1161574	SSF x Near_LoA	-9,14711858	0,076	0,307
CHR8	1161606	CHR8:1161606	SSF x Near_LoA	-6,59903278	-0,030	0,300
CHR8	1161663	CHR8:1161663	SSF x Near_LoA	-10,5664947	0,030	0,304
CHR8	1161845	CHR8:1161845	SSF x Near_LoA	-10,9139273	0,086	0,308
CHR8	11634665	CHR8:11634665	SSF x Near_LoA	-9,83606299	0,064	0,310
CHR8	11642275	CHR8:11642275	SSF x Near_LoA	-8,11341895	-0,029	0,310
CHR8	11644825	CHR8:11644825	SSF x Near_LoA	-8,73079999	0,027	0,309
CHR8	11644837	CHR8:11644837	SSF x Near_LoA	-8,50624049	0,002	0,299

CHR8	11646446	CHR8:11646446	SSF x Near_LoA	-7,70601209	0,051	0,306
CHR8	11657204	CHR8:11657204	SSF x Near_LoA	-11,8478404	-0,042	0,311
CHR8	11660899	CHR8:11660899	SSF x Near_LoA	-11,3576944	-0,097	0,302
CHR8	11661908	CHR8:11661908	SSF x Near_LoA	-8,68787351	0,094	0,303
CHR8	11661997	CHR8:11661997	SSF x Near_LoA	-10,6434659	0,047	0,301
CHR8	1166961	CHR8:1166961	SSF x Near_LoA	-2,16240888	-0,183	0,300
CHR8	1167007	CHR8:1167007	SSF x Near_LoA	-7,93081822	0,035	0,322
CHR8	1167011	CHR8:1167011	SSF x Near_LoA	-10,8774369	0,036	0,307
CHR8	11691787	CHR8:11691787	SSF x Near_LoA	-8,38656864	0,073	0,313
CHR8	11691941	CHR8:11691941	SSF x Near_LoA	-9,6238927	-0,011	0,309
CHR8	11701982	CHR8:11701982	SSF x Near_LoA	-11,9786127	-0,033	0,305
CHR8	11702012	CHR8:11702012	SSF x Near_LoA	-10,7833802	0,033	0,309
CHR8	11702039	CHR8:11702039	SSF x Near_LoA	-8,87509481	0,021	0,303
CHR8	11702068	CHR8:11702068	SSF x Near_LoA	-10,2460669	0,027	0,307
CHR8	11702114	CHR8:11702114	SSF x Near_LoA	-10,0573986	-0,056	0,314
CHR8	11702166	CHR8:11702166	SSF x Near_LoA	-10,4678583	0,037	0,325
CHR8	11705632	CHR8:11705632	SSF x Near_LoA	-7,9384585	-0,065	0,315
CHR8	11705649	CHR8:11705649	SSF x Near_LoA	-9,88432017	-0,074	0,304
CHR8	11705655	CHR8:11705655	SSF x Near_LoA	-9,41412989	-0,042	0,318
CHR8	11705678	CHR8:11705678	SSF x Near_LoA	-10,4367714	-0,044	0,308
CHR8	11717415	CHR8:11717415	SSF x Near_LoA	-8,47914548	0,181	0,288
CHR8	11717422	CHR8:11717422	SSF x Near_LoA	-10,0600893	0,163	0,293
CHR8	11717443	CHR8:11717443	SSF x Near_LoA	-10,0695285	-0,020	0,304
CHR8	11717582	CHR8:11717582	SSF x Near_LoA	-11,4393336	-0,004	0,305
CHR8	11729790	CHR8:11729790	SSF x Near_LoA	-7,61334894	-0,073	0,306
CHR8	11729865	CHR8:11729865	SSF x Near_LoA	-10,335664	-0,030	0,293
CHR8	11729877	CHR8:11729877	SSF x Near_LoA	-6,26915288	-0,003	0,295
CHR8	11729896	CHR8:11729896	SSF x Near_LoA	-8,80729013	-0,093	0,295
CHR8	11729903	CHR8:11729903	SSF x Near_LoA	-1,9554354	0,146	0,306
CHR8	11729943	CHR8:11729943	SSF x Near_LoA	-7,54427821	-0,036	0,302
CHR8	11731118	CHR8:11731118	SSF x Near_LoA	-5,23021565	0,170	0,291
CHR8	11734851	CHR8:11734851	SSF x Near_LoA	-9,53957574	-0,051	0,296
CHR8	11734865	CHR8:11734865	SSF x Near_LoA	-8,44804578	-0,039	0,307
CHR8	11734871	CHR8:11734871	SSF x Near_LoA	-9,64722486	-0,077	0,314
CHR8	11734991	CHR8:11734991	SSF x Near_LoA	-7,09977515	-0,124	0,304
CHR8	11753895	CHR8:11753895	SSF x Near_LoA	-10,0957224	-0,011	0,308
CHR8	11753905	CHR8:11753905	SSF x Near_LoA	-10,0754949	-0,015	0,294
CHR8	11753913	CHR8:11753913	SSF x Near_LoA	-9,02861771	-0,031	0,307
CHR8	11753936	CHR8:11753936	SSF x Near_LoA	-10,1640104	-0,046	0,305
CHR8	11753937	CHR8:11753937	SSF x Near_LoA	-9,49373272	-0,020	0,309
CHR8	1175636	CHR8:1175636	SSF x Near_LoA	-3,94002885	0,111	0,309
CHR8	1175658	CHR8:1175658	SSF x Near_LoA	-6,08056585	-0,056	0,308
CHR8	1175659	CHR8:1175659	SSF x Near_LoA	-8,53695717	-0,155	0,306
CHR8	11756742	CHR8:11756742	SSF x Near_LoA	-8,89924809	-0,038	0,308
CHR8	11756745	CHR8:11756745	SSF x Near_LoA	-10,6856627	0,005	0,293
CHR8	11756761	CHR8:11756761	SSF x Near_LoA	-10,1936372	-0,031	0,302
CHR8	11756830	CHR8:11756830	SSF x Near_LoA	-10,8081562	0,005	0,299
CHR8	1175695	CHR8:1175695	SSF x Near_LoA	-4,39903285	-0,237	0,284
CHR8	1175701	CHR8:1175701	SSF x Near_LoA	-8,2670061	-0,009	0,295
CHR8	1175708	CHR8:1175708	SSF x Near_LoA	-9,77068314	-0,112	0,303
CHR8	1175717	CHR8:1175717	SSF x Near_LoA	-9,77184884	-0,112	0,306
CHR8	1175753	CHR8:1175753	SSF x Near_LoA	-11,2743249	-0,065	0,313
CHR8	1180256	CHR8:1180256	SSF x Near_LoA	-10,4916041	-0,100	0,294

CHR8	1180296	CHR8:1180296	SSF x Near_LoA	-9,25490984	0,012	0,317
CHR8	1180329	CHR8:1180329	SSF x Near_LoA	-9,3887103	-0,133	0,313
CHR8	1181120	CHR8:1181120	SSF x Near_LoA	-7,31247381	-0,157	0,315
CHR8	11834328	CHR8:11834328	SSF x Near_LoA	-10,3178201	-0,015	0,303
CHR8	11834386	CHR8:11834386	SSF x Near_LoA	-7,53001596	-0,012	0,312
CHR8	11835353	CHR8:11835353	SSF x Near_LoA	-9,33983921	-0,009	0,301
CHR8	11835581	CHR8:11835581	SSF x Near_LoA	-8,38304036	-0,112	0,305
CHR8	11835596	CHR8:11835596	SSF x Near_LoA	-2,70207981	-0,075	0,298
CHR8	1185257	CHR8:1185257	SSF x Near_LoA	-7,85652101	-0,035	0,301
CHR8	1185302	CHR8:1185302	SSF x Near_LoA	-9,49136939	-0,057	0,312
CHR8	1185418	CHR8:1185418	SSF x Near_LoA	-9,61805206	-0,136	0,321
CHR8	1185453	CHR8:1185453	SSF x Near_LoA	-9,31361197	0,146	0,294
CHR8	11954809	CHR8:11954809	SSF x Near_LoA	-5,28490683	-0,089	0,289
CHR8	11960497	CHR8:11960497	SSF x Near_LoA	-9,3726188	-0,061	0,311
CHR8	11960623	CHR8:11960623	SSF x Near_LoA	-10,0232953	0,022	0,295
CHR8	11965183	CHR8:11965183	SSF x Near_LoA	-11,2708306	0,036	0,310
CHR8	11965299	CHR8:11965299	SSF x Near_LoA	-10,0403664	-0,092	0,313
CHR8	11976837	CHR8:11976837	SSF x Near_LoA	-9,96914655	-0,016	0,304
CHR8	11976967	CHR8:11976967	SSF x Near_LoA	-9,13888949	-0,010	0,320
CHR8	11977018	CHR8:11977018	SSF x Near_LoA	-9,81972617	0,062	0,317
CHR8	11977051	CHR8:11977051	SSF x Near_LoA	-11,1800492	0,065	0,306
CHR8	11977082	CHR8:11977082	SSF x Near_LoA	-8,19021617	0,137	0,311
CHR8	11985128	CHR8:11985128	SSF x Near_LoA	-9,76468779	-0,059	0,289
CHR8	11986029	CHR8:11986029	SSF x Near_LoA	-11,248658	0,018	0,310
CHR8	11986074	CHR8:11986074	SSF x Near_LoA	-10,5218613	-0,018	0,307
CHR8	11991806	CHR8:11991806	SSF x Near_LoA	-10,9087388	-0,069	0,300
CHR8	11995014	CHR8:11995014	SSF x Near_LoA	-7,53437252	-0,066	0,313
CHR8	11995047	CHR8:11995047	SSF x Near_LoA	-8,90921081	-0,055	0,308
CHR8	11995142	CHR8:11995142	SSF x Near_LoA	-6,10859579	0,173	0,309
CHR8	11995193	CHR8:11995193	SSF x Near_LoA	-10,6477328	-0,033	0,319
CHR8	11995199	CHR8:11995199	SSF x Near_LoA	-9,70320628	-0,090	0,326
CHR8	12013425	CHR8:12013425	SSF x Near_LoA	-10,222706	-0,067	0,312
CHR8	12013427	CHR8:12013427	SSF x Near_LoA	-6,85865561	0,141	0,301
CHR8	12013439	CHR8:12013439	SSF x Near_LoA	-7,56969904	0,109	0,302
CHR8	12013444	CHR8:12013444	SSF x Near_LoA	-7,11426832	0,176	0,308
CHR8	12016142	CHR8:12016142	SSF x Near_LoA	-9,99192469	0,030	0,297
CHR8	12016169	CHR8:12016169	SSF x Near_LoA	-1,61660393	-0,054	0,317
CHR8	12017084	CHR8:12017084	SSF x Near_LoA	-9,43794378	-0,105	0,301
CHR8	12017086	CHR8:12017086	SSF x Near_LoA	-8,7901434	-0,068	0,330
CHR8	12029121	CHR8:12029121	SSF x Near_LoA	-8,6424623	0,015	0,311
CHR8	12033953	CHR8:12033953	SSF x Near_LoA	-8,83833795	0,036	0,313
CHR8	12034235	CHR8:12034235	SSF x Near_LoA	-11,3117925	0,014	0,306
CHR8	12054586	CHR8:12054586	SSF x Near_LoA	-8,76896605	0,036	0,318
CHR8	12054708	CHR8:12054708	SSF x Near_LoA	-8,93399827	0,104	0,289
CHR8	12054779	CHR8:12054779	SSF x Near_LoA	-8,95254834	-0,049	0,312
CHR8	12071636	CHR8:12071636	SSF x Near_LoA	-7,79537682	-0,080	0,311
CHR8	12083295	CHR8:12083295	SSF x Near_LoA	-10,3625398	-0,040	0,309
CHR8	12083454	CHR8:12083454	SSF x Near_LoA	-9,63115746	-0,076	0,313
CHR8	12083499	CHR8:12083499	SSF x Near_LoA	-11,6739952	0,021	0,305
CHR8	12083502	CHR8:12083502	SSF x Near_LoA	-11,2702964	0,026	0,306
CHR8	120845	CHR8:120845	SSF x Near_LoA	-9,16100748	0,034	0,302
CHR8	12085363	CHR8:12085363	SSF x Near_LoA	-10,528961	-0,015	0,313
CHR8	12085440	CHR8:12085440	SSF x Near_LoA	-8,38039509	0,088	0,311

CHR8	12085491	CHR8:12085491	SSF x Near_LoA	-8,35227295	0,103	0,316
CHR8	12085499	CHR8:12085499	SSF x Near_LoA	-8,42883094	0,088	0,311
CHR8	12103229	CHR8:12103229	SSF x Near_LoA	-7,97122843	0,067	0,311
CHR8	12105230	CHR8:12105230	SSF x Near_LoA	-10,327997	-0,060	0,322
CHR8	12105334	CHR8:12105334	SSF x Near_LoA	-9,76265177	-0,081	0,318
CHR8	12105364	CHR8:12105364	SSF x Near_LoA	-11,0555632	-0,091	0,305
CHR8	12105402	CHR8:12105402	SSF x Near_LoA	-10,7668223	-0,035	0,305
CHR8	12113195	CHR8:12113195	SSF x Near_LoA	-8,8504591	0,000	0,312
CHR8	12129967	CHR8:12129967	SSF x Near_LoA	-10,0883688	-0,082	0,309
CHR8	12130212	CHR8:12130212	SSF x Near_LoA	-8,83988022	-0,076	0,302
CHR8	12132843	CHR8:12132843	SSF x Near_LoA	-9,49644599	0,083	0,297
CHR8	12136522	CHR8:12136522	SSF x Near_LoA	-11,1434241	0,032	0,316
CHR8	12136631	CHR8:12136631	SSF x Near_LoA	-8,63785705	0,090	0,318
CHR8	1214	CHR8:1214	SSF x Near_LoA	-10,4106073	-0,049	0,314
CHR8	12140421	CHR8:12140421	SSF x Near_LoA	-8,97948004	-0,022	0,304
CHR8	12140453	CHR8:12140453	SSF x Near_LoA	-8,03173799	-0,029	0,312
CHR8	12140517	CHR8:12140517	SSF x Near_LoA	-8,43406985	-0,080	0,308
CHR8	12140518	CHR8:12140518	SSF x Near_LoA	-8,48231832	-0,078	0,308
CHR8	12140535	CHR8:12140535	SSF x Near_LoA	-8,6312969	-0,050	0,308
CHR8	12143827	CHR8:12143827	SSF x Near_LoA	0,36584947	0,070	0,313
CHR8	12143831	CHR8:12143831	SSF x Near_LoA	-9,44666689	0,015	0,318
CHR8	12143875	CHR8:12143875	SSF x Near_LoA	-8,64307602	-0,017	0,312
CHR8	12143886	CHR8:12143886	SSF x Near_LoA	-9,26014577	-0,040	0,310
CHR8	12143893	CHR8:12143893	SSF x Near_LoA	-9,83355831	-0,040	0,298
CHR8	12143896	CHR8:12143896	SSF x Near_LoA	-8,75483976	-0,079	0,314
CHR8	12165147	CHR8:12165147	SSF x Near_LoA	-10,5611335	0,061	0,316
CHR8	12166007	CHR8:12166007	SSF x Near_LoA	-8,09190637	-0,088	0,315
CHR8	12166011	CHR8:12166011	SSF x Near_LoA	-11,3818579	-0,004	0,303
CHR8	12166087	CHR8:12166087	SSF x Near_LoA	-11,0895389	-0,016	0,301
CHR8	12166148	CHR8:12166148	SSF x Near_LoA	-9,47238887	-0,015	0,319
CHR8	12166157	CHR8:12166157	SSF x Near_LoA	-8,51694361	-0,032	0,294
CHR8	12166216	CHR8:12166216	SSF x Near_LoA	-10,3293666	-0,039	0,303
CHR8	12176232	CHR8:12176232	SSF x Near_LoA	-7,78300079	-0,005	0,306
CHR8	12176249	CHR8:12176249	SSF x Near_LoA	-7,4515137	-0,111	0,305
CHR8	12176283	CHR8:12176283	SSF x Near_LoA	-8,37146959	-0,054	0,307
CHR8	12176343	CHR8:12176343	SSF x Near_LoA	-8,66443162	-0,008	0,309
CHR8	12176348	CHR8:12176348	SSF x Near_LoA	-8,92435635	-0,047	0,305
CHR8	12176358	CHR8:12176358	SSF x Near_LoA	-9,51004623	-0,095	0,320
CHR8	12176373	CHR8:12176373	SSF x Near_LoA	-9,00457768	-0,061	0,306
CHR8	12176395	CHR8:12176395	SSF x Near_LoA	-8,73300758	-0,071	0,309
CHR8	12185983	CHR8:12185983	SSF x Near_LoA	-9,51802892	0,014	0,314
CHR8	12186042	CHR8:12186042	SSF x Near_LoA	-6,19124867	-0,061	0,297
CHR8	12186045	CHR8:12186045	SSF x Near_LoA	-3,06171699	0,095	0,300
CHR8	12191131	CHR8:12191131	SSF x Near_LoA	-9,5099635	-0,075	0,301
CHR8	12191193	CHR8:12191193	SSF x Near_LoA	-11,0201511	-0,040	0,313
CHR8	12191198	CHR8:12191198	SSF x Near_LoA	-9,87681785	-0,018	0,297
CHR8	12191229	CHR8:12191229	SSF x Near_LoA	-10,4085153	-0,041	0,311
CHR8	12212269	CHR8:12212269	SSF x Near_LoA	-9,6475374	-0,024	0,315
CHR8	12224917	CHR8:12224917	SSF x Near_LoA	-8,56862589	-0,028	0,311
CHR8	12225005	CHR8:12225005	SSF x Near_LoA	-9,76063558	0,041	0,289
CHR8	12246514	CHR8:12246514	SSF x Near_LoA	-11,1125686	-0,008	0,316
CHR8	12246559	CHR8:12246559	SSF x Near_LoA	-9,64776794	0,005	0,318
CHR8	1227652	CHR8:1227652	SSF x Near_LoA	-6,38791351	0,168	0,299

CHR8	1227677	CHR8:1227677	SSF x Near_LoA	-4,58170532	0,143	0,294
CHR8	1227691	CHR8:1227691	SSF x Near_LoA	-8,64197603	-0,045	0,322
CHR8	1227709	CHR8:1227709	SSF x Near_LoA	-7,26762898	0,171	0,293
CHR8	1227762	CHR8:1227762	SSF x Near_LoA	-10,7546044	-0,074	0,307
CHR8	12315546	CHR8:12315546	SSF x Near_LoA	-6,88673718	0,177	0,285
CHR8	12323336	CHR8:12323336	SSF x Near_LoA	-8,42216038	0,020	0,309
CHR8	12323371	CHR8:12323371	SSF x Near_LoA	-8,56635671	-0,119	0,309
CHR8	1235904	CHR8:1235904	SSF x Near_LoA	-4,73939366	0,170	0,290
CHR8	1236006	CHR8:1236006	SSF x Near_LoA	-10,2134804	-0,028	0,312
CHR8	12367174	CHR8:12367174	SSF x Near_LoA	-10,1288928	0,009	0,305
CHR8	12367181	CHR8:12367181	SSF x Near_LoA	-8,17865184	-0,014	0,305
CHR8	12367193	CHR8:12367193	SSF x Near_LoA	-9,30806053	-0,031	0,324
CHR8	12451887	CHR8:12451887	SSF x Near_LoA	-9,99315867	0,063	0,314
CHR8	12455319	CHR8:12455319	SSF x Near_LoA	-9,72027761	0,131	0,299
CHR8	1247597	CHR8:1247597	SSF x Near_LoA	-9,1238752	-0,037	0,296
CHR8	1247601	CHR8:1247601	SSF x Near_LoA	-10,3544359	0,068	0,306
CHR8	1247627	CHR8:1247627	SSF x Near_LoA	-10,5832573	-0,020	0,301
CHR8	1250956	CHR8:1250956	SSF x Near_LoA	-0,53882212	0,190	0,313
CHR8	1251164	CHR8:1251164	SSF x Near_LoA	-2,68974964	0,228	0,277
CHR8	12516292	CHR8:12516292	SSF x Near_LoA	-10,4463613	0,027	0,308
CHR8	1252914	CHR8:1252914	SSF x Near_LoA	-10,3800675	0,007	0,307
CHR8	1252954	CHR8:1252954	SSF x Near_LoA	-7,90604283	-0,119	0,301
CHR8	1252979	CHR8:1252979	SSF x Near_LoA	-8,52494315	0,025	0,292
CHR8	1253151	CHR8:1253151	SSF x Near_LoA	-8,3488278	0,111	0,311
CHR8	1257379	CHR8:1257379	SSF x Near_LoA	-11,3613194	0,051	0,308
CHR8	12589136	CHR8:12589136	SSF x Near_LoA	-11,1864326	-0,007	0,311
CHR8	1266881	CHR8:1266881	SSF x Near_LoA	-8,72408428	-0,096	0,300
CHR8	1266884	CHR8:1266884	SSF x Near_LoA	-8,25179593	-0,126	0,285
CHR8	1266909	CHR8:1266909	SSF x Near_LoA	-11,3958986	0,025	0,289
CHR8	12689852	CHR8:12689852	SSF x Near_LoA	-8,52490597	0,006	0,316
CHR8	12689860	CHR8:12689860	SSF x Near_LoA	-9,53586008	-0,004	0,311
CHR8	12689906	CHR8:12689906	SSF x Near_LoA	-5,91731162	0,010	0,313
CHR8	12699921	CHR8:12699921	SSF x Near_LoA	-10,5874227	0,042	0,303
CHR8	12710290	CHR8:12710290	SSF x Near_LoA	-8,14340893	-0,037	0,315
CHR8	12710328	CHR8:12710328	SSF x Near_LoA	-8,9310086	-0,012	0,320
CHR8	12710332	CHR8:12710332	SSF x Near_LoA	-6,25832533	-0,016	0,306
CHR8	12710366	CHR8:12710366	SSF x Near_LoA	-8,13540784	0,000	0,314
CHR8	12710387	CHR8:12710387	SSF x Near_LoA	-8,82844899	0,004	0,310
CHR8	12710389	CHR8:12710389	SSF x Near_LoA	-8,13111447	0,007	0,328
CHR8	12710394	CHR8:12710394	SSF x Near_LoA	-7,59409096	-0,003	0,322
CHR8	12710400	CHR8:12710400	SSF x Near_LoA	-9,02858543	0,005	0,318
CHR8	12710523	CHR8:12710523	SSF x Near_LoA	-1,02462108	-0,008	0,333
CHR8	12710541	CHR8:12710541	SSF x Near_LoA	-9,10681592	-0,009	0,312
CHR8	12710607	CHR8:12710607	SSF x Near_LoA	-8,85812262	0,013	0,317
CHR8	12710651	CHR8:12710651	SSF x Near_LoA	-9,43478116	-0,010	0,307
CHR8	12710666	CHR8:12710666	SSF x Near_LoA	-7,13835911	0,010	0,314
CHR8	12715178	CHR8:12715178	SSF x Near_LoA	-7,98501871	0,006	0,326
CHR8	12715199	CHR8:12715199	SSF x Near_LoA	-3,6828391	-0,007	0,323
CHR8	12715257	CHR8:12715257	SSF x Near_LoA	-9,32902439	-0,005	0,313
CHR8	12715278	CHR8:12715278	SSF x Near_LoA	-8,48492577	-0,007	0,325
CHR8	12715288	CHR8:12715288	SSF x Near_LoA	-8,25336201	0,021	0,322
CHR8	12715290	CHR8:12715290	SSF x Near_LoA	-7,44320246	0,022	0,316
CHR8	12715326	CHR8:12715326	SSF x Near_LoA	-7,61511782	0,003	0,325

CHR8	12718235	CHR8:12718235	SSF x Near_LoA	-9,2474599	0,162	0,302
CHR8	1274008	CHR8:1274008	SSF x Near_LoA	-8,72266717	-0,016	0,310
CHR8	1274017	CHR8:1274017	SSF x Near_LoA	-10,6945888	0,050	0,310
CHR8	1274197	CHR8:1274197	SSF x Near_LoA	-8,62343494	-0,009	0,309
CHR8	12750113	CHR8:12750113	SSF x Near_LoA	-10,4068303	0,053	0,299
CHR8	1276028	CHR8:1276028	SSF x Near_LoA	-8,97938821	-0,123	0,306
CHR8	1276070	CHR8:1276070	SSF x Near_LoA	-10,6208724	0,066	0,311
CHR8	12761433	CHR8:12761433	SSF x Near_LoA	-9,97800645	0,053	0,323
CHR8	1276144	CHR8:1276144	SSF x Near_LoA	-8,63528996	0,009	0,314
CHR8	1276151	CHR8:1276151	SSF x Near_LoA	-6,72058453	-0,214	0,294
CHR8	1276176	CHR8:1276176	SSF x Near_LoA	-9,70091516	0,010	0,300
CHR8	1276199	CHR8:1276199	SSF x Near_LoA	-10,5282157	0,038	0,309
CHR8	1276208	CHR8:1276208	SSF x Near_LoA	-11,7855127	0,020	0,299
CHR8	1276210	CHR8:1276210	SSF x Near_LoA	-5,58780178	-0,158	0,296
CHR8	1276236	CHR8:1276236	SSF x Near_LoA	-8,6793369	0,024	0,302
CHR8	12762710	CHR8:12762710	SSF x Near_LoA	-10,3757301	0,081	0,302
CHR8	12768227	CHR8:12768227	SSF x Near_LoA	-9,23402868	-0,068	0,324
CHR8	12784487	CHR8:12784487	SSF x Near_LoA	-9,266165	0,034	0,309
CHR8	12784546	CHR8:12784546	SSF x Near_LoA	-8,47425574	0,017	0,303
CHR8	12784547	CHR8:12784547	SSF x Near_LoA	-9,28284204	-0,007	0,304
CHR8	12784550	CHR8:12784550	SSF x Near_LoA	-8,68303872	0,023	0,326
CHR8	12784558	CHR8:12784558	SSF x Near_LoA	-9,28157217	0,032	0,308
CHR8	12784643	CHR8:12784643	SSF x Near_LoA	-8,37803982	0,138	0,304
CHR8	1279413	CHR8:1279413	SSF x Near_LoA	-10,0984747	-0,005	0,314
CHR8	1279447	CHR8:1279447	SSF x Near_LoA	-6,98891822	-0,018	0,315
CHR8	1279450	CHR8:1279450	SSF x Near_LoA	-7,93761778	-0,046	0,297
CHR8	12813825	CHR8:12813825	SSF x Near_LoA	-9,62640314	0,133	0,320
CHR8	12872861	CHR8:12872861	SSF x Near_LoA	-7,91752977	0,035	0,315
CHR8	12872878	CHR8:12872878	SSF x Near_LoA	-8,76860937	-0,009	0,306
CHR8	12872892	CHR8:12872892	SSF x Near_LoA	-8,38692989	-0,015	0,329
CHR8	12872906	CHR8:12872906	SSF x Near_LoA	-8,65289153	-0,023	0,322
CHR8	12872919	CHR8:12872919	SSF x Near_LoA	-0,54785462	-0,011	0,322
CHR8	12872925	CHR8:12872925	SSF x Near_LoA	-6,5541384	-0,022	0,326
CHR8	12872949	CHR8:12872949	SSF x Near_LoA	-8,319725	-0,008	0,314
CHR8	12872961	CHR8:12872961	SSF x Near_LoA	-8,27282712	-0,001	0,313
CHR8	12872966	CHR8:12872966	SSF x Near_LoA	-8,14093462	0,036	0,318
CHR8	12872992	CHR8:12872992	SSF x Near_LoA	-6,75655782	-0,009	0,328
CHR8	12872993	CHR8:12872993	SSF x Near_LoA	-9,02905408	-0,001	0,313
CHR8	12881424	CHR8:12881424	SSF x Near_LoA	-8,25982801	0,001	0,322
CHR8	12881478	CHR8:12881478	SSF x Near_LoA	-9,0853766	-0,002	0,319
CHR8	12889137	CHR8:12889137	SSF x Near_LoA	-12,2727333	0,009	0,300
CHR8	1292393	CHR8:1292393	SSF x Near_LoA	-11,3581661	-0,071	0,309
CHR8	1292409	CHR8:1292409	SSF x Near_LoA	-11,3838377	-0,010	0,296
CHR8	1292436	CHR8:1292436	SSF x Near_LoA	-9,18528595	-0,023	0,316
CHR8	1301723	CHR8:1301723	SSF x Near_LoA	-9,02889541	-0,034	0,301
CHR8	1301757	CHR8:1301757	SSF x Near_LoA	-7,77587143	0,114	0,303
CHR8	1304207	CHR8:1304207	SSF x Near_LoA	-7,52611137	0,038	0,308
CHR8	1304278	CHR8:1304278	SSF x Near_LoA	-11,0001256	-0,034	0,304
CHR8	1304404	CHR8:1304404	SSF x Near_LoA	-10,5197958	0,028	0,303
CHR8	1304446	CHR8:1304446	SSF x Near_LoA	-9,54833399	-0,011	0,302
CHR8	1307350	CHR8:1307350	SSF x Near_LoA	-7,18299242	0,095	0,301
CHR8	1307444	CHR8:1307444	SSF x Near_LoA	-5,8146177	0,108	0,302
CHR8	13098560	CHR8:13098560	SSF x Near_LoA	-4,36250915	0,109	0,307

CHR8	13098791	CHR8:13098791	SSF x Near_LoA	-3,21218048	-0,009	0,314
CHR8	1316333	CHR8:1316333	SSF x Near_LoA	-10,6693319	-0,029	0,305
CHR8	1316386	CHR8:1316386	SSF x Near_LoA	-8,38220548	0,098	0,309
CHR8	1316448	CHR8:1316448	SSF x Near_LoA	-9,76586802	-0,054	0,312
CHR8	1316495	CHR8:1316495	SSF x Near_LoA	-10,0429736	-0,082	0,309
CHR8	13249618	CHR8:13249618	SSF x Near_LoA	-10,6550287	0,001	0,319
CHR8	13249619	CHR8:13249619	SSF x Near_LoA	-9,0711194	0,014	0,304
CHR8	1325156	CHR8:1325156	SSF x Near_LoA	-6,52906996	0,149	0,299
CHR8	1325173	CHR8:1325173	SSF x Near_LoA	-5,8982568	0,211	0,292
CHR8	1325174	CHR8:1325174	SSF x Near_LoA	-10,5426056	0,028	0,305
CHR8	13296460	CHR8:13296460	SSF x Near_LoA	-5,58778149	-0,145	0,317
CHR8	1330201	CHR8:1330201	SSF x Near_LoA	-8,62517944	0,064	0,307
CHR8	1330218	CHR8:1330218	SSF x Near_LoA	-8,2407909	-0,129	0,320
CHR8	1330357	CHR8:1330357	SSF x Near_LoA	-10,9087052	-0,045	0,309
CHR8	1330372	CHR8:1330372	SSF x Near_LoA	-10,7609025	-0,016	0,295
CHR8	13313916	CHR8:13313916	SSF x Near_LoA	-8,12362112	-0,113	0,303
CHR8	13313938	CHR8:13313938	SSF x Near_LoA	-8,31547086	-0,054	0,304
CHR8	13313968	CHR8:13313968	SSF x Near_LoA	-8,17136929	0,000	0,311
CHR8	13346490	CHR8:13346490	SSF x Near_LoA	-11,6141418	0,030	0,300
CHR8	1336641	CHR8:1336641	SSF x Near_LoA	-9,32189855	0,021	0,310
CHR8	1343004	CHR8:1343004	SSF x Near_LoA	-7,98698426	-0,019	0,305
CHR8	1343060	CHR8:1343060	SSF x Near_LoA	-10,6726501	-0,052	0,321
CHR8	1343268	CHR8:1343268	SSF x Near_LoA	-6,79924137	0,092	0,308
CHR8	1343286	CHR8:1343286	SSF x Near_LoA	-9,41158163	0,055	0,311
CHR8	13452630	CHR8:13452630	SSF x Near_LoA	-8,74297242	-0,062	0,318
CHR8	13466582	CHR8:13466582	SSF x Near_LoA	-7,96627394	-0,016	0,311
CHR8	13466615	CHR8:13466615	SSF x Near_LoA	-8,56229632	-0,023	0,316
CHR8	13466713	CHR8:13466713	SSF x Near_LoA	-9,08175044	-0,054	0,324
CHR8	13564438	CHR8:13564438	SSF x Near_LoA	-4,99016212	0,145	0,283
CHR8	13613358	CHR8:13613358	SSF x Near_LoA	-9,40842173	0,067	0,298
CHR8	13622178	CHR8:13622178	SSF x Near_LoA	-8,3473896	0,040	0,328
CHR8	13756298	CHR8:13756298	SSF x Near_LoA	-9,00819098	0,042	0,314
CHR8	13768964	CHR8:13768964	SSF x Near_LoA	-8,57580457	0,035	0,308
CHR8	1380172	CHR8:1380172	SSF x Near_LoA	-9,85248824	0,048	0,313
CHR8	1380202	CHR8:1380202	SSF x Near_LoA	-10,0354993	-0,074	0,301
CHR8	13806466	CHR8:13806466	SSF x Near_LoA	-8,13609387	-0,063	0,313
CHR8	13806482	CHR8:13806482	SSF x Near_LoA	-10,5134354	0,000	0,321
CHR8	13820075	CHR8:13820075	SSF x Near_LoA	-11,5234641	0,023	0,309
CHR8	13820077	CHR8:13820077	SSF x Near_LoA	-10,3633314	0,030	0,317
CHR8	13820186	CHR8:13820186	SSF x Near_LoA	-11,3685795	0,009	0,307
CHR8	13820223	CHR8:13820223	SSF x Near_LoA	-10,2328178	-0,023	0,304
CHR8	13826172	CHR8:13826172	SSF x Near_LoA	-9,46289217	-0,056	0,297
CHR8	13826200	CHR8:13826200	SSF x Near_LoA	-9,42255616	0,083	0,303
CHR8	13826211	CHR8:13826211	SSF x Near_LoA	-8,07124885	0,033	0,317
CHR8	13826226	CHR8:13826226	SSF x Near_LoA	-8,71211633	0,066	0,305
CHR8	13826265	CHR8:13826265	SSF x Near_LoA	-9,25324589	0,082	0,304
CHR8	13826268	CHR8:13826268	SSF x Near_LoA	-7,16625669	-0,117	0,312
CHR8	13826343	CHR8:13826343	SSF x Near_LoA	-8,86456355	0,044	0,317
CHR8	13826367	CHR8:13826367	SSF x Near_LoA	-8,92642041	0,054	0,305
CHR8	13826369	CHR8:13826369	SSF x Near_LoA	-7,32473593	0,099	0,312
CHR8	13826373	CHR8:13826373	SSF x Near_LoA	-8,66549288	0,000	0,312
CHR8	13826374	CHR8:13826374	SSF x Near_LoA	-9,50748793	0,121	0,302
CHR8	13826385	CHR8:13826385	SSF x Near_LoA	-8,75452163	0,055	0,312

CHR8	13826409	CHR8:13826409	SSF x Near_LoA	-9,35146143	0,031	0,310
CHR8	13826426	CHR8:13826426	SSF x Near_LoA	-10,1464883	0,044	0,291
CHR8	13826430	CHR8:13826430	SSF x Near_LoA	-9,07917204	0,069	0,303
CHR8	13828143	CHR8:13828143	SSF x Near_LoA	-3,91165307	0,095	0,301
CHR8	13828257	CHR8:13828257	SSF x Near_LoA	-8,36877674	0,041	0,305
CHR8	13844068	CHR8:13844068	SSF x Near_LoA	-8,07968372	-0,148	0,296
CHR8	1385399	CHR8:1385399	SSF x Near_LoA	-10,4494315	-0,074	0,308
CHR8	1385403	CHR8:1385403	SSF x Near_LoA	-9,27841809	-0,104	0,296
CHR8	13858195	CHR8:13858195	SSF x Near_LoA	-7,3478867	-0,046	0,313
CHR8	13890838	CHR8:13890838	SSF x Near_LoA	-8,49317196	0,009	0,310
CHR8	13890839	CHR8:13890839	SSF x Near_LoA	-9,9139005	0,005	0,316
CHR8	13900962	CHR8:13900962	SSF x Near_LoA	0,28796765	-0,043	0,322
CHR8	13905731	CHR8:13905731	SSF x Near_LoA	-9,38497571	-0,019	0,294
CHR8	13907372	CHR8:13907372	SSF x Near_LoA	-8,90888373	0,048	0,297
CHR8	13907406	CHR8:13907406	SSF x Near_LoA	-9,24605359	0,015	0,297
CHR8	13909351	CHR8:13909351	SSF x Near_LoA	-7,61021316	-0,128	0,318
CHR8	13909381	CHR8:13909381	SSF x Near_LoA	-9,41718749	0,015	0,313
CHR8	13909382	CHR8:13909382	SSF x Near_LoA	-7,34757774	0,077	0,306
CHR8	13909386	CHR8:13909386	SSF x Near_LoA	-6,36903445	-0,070	0,302
CHR8	13909391	CHR8:13909391	SSF x Near_LoA	-8,90757338	0,037	0,305
CHR8	13940735	CHR8:13940735	SSF x Near_LoA	-8,75198933	-0,050	0,315
CHR8	13940760	CHR8:13940760	SSF x Near_LoA	-8,42364257	-0,031	0,301
CHR8	13940763	CHR8:13940763	SSF x Near_LoA	-8,20022559	-0,060	0,313
CHR8	13941409	CHR8:13941409	SSF x Near_LoA	-10,8454178	0,009	0,316
CHR8	13949409	CHR8:13949409	SSF x Near_LoA	-8,97234799	-0,025	0,311
CHR8	13949606	CHR8:13949606	SSF x Near_LoA	-11,9676758	0,012	0,301
CHR8	1394990	CHR8:1394990	SSF x Near_LoA	-10,8583779	-0,107	0,317
CHR8	1395127	CHR8:1395127	SSF x Near_LoA	-8,31688876	0,029	0,316
CHR8	1395129	CHR8:1395129	SSF x Near_LoA	-10,8871316	0,083	0,313
CHR8	13955184	CHR8:13955184	SSF x Near_LoA	-3,56757547	-0,064	0,307
CHR8	13969014	CHR8:13969014	SSF x Near_LoA	-8,92940422	0,027	0,310
CHR8	13969132	CHR8:13969132	SSF x Near_LoA	-10,2068925	-0,066	0,298
CHR8	13986021	CHR8:13986021	SSF x Near_LoA	-10,0961685	-0,075	0,297
CHR8	13986047	CHR8:13986047	SSF x Near_LoA	-7,63742682	-0,025	0,307
CHR8	13986198	CHR8:13986198	SSF x Near_LoA	-10,4427559	-0,069	0,308
CHR8	14028512	CHR8:14028512	SSF x Near_LoA	-8,76420985	-0,049	0,300
CHR8	14039939	CHR8:14039939	SSF x Near_LoA	-9,6677761	0,004	0,305
CHR8	14039961	CHR8:14039961	SSF x Near_LoA	-4,26032644	0,075	0,310
CHR8	14039991	CHR8:14039991	SSF x Near_LoA	-9,57813779	0,055	0,296
CHR8	1404801	CHR8:1404801	SSF x Near_LoA	-10,3327843	-0,104	0,314
CHR8	14059873	CHR8:14059873	SSF x Near_LoA	-9,12502301	-0,003	0,304
CHR8	14085160	CHR8:14085160	SSF x Near_LoA	2,62980038	-0,017	0,305
CHR8	14085211	CHR8:14085211	SSF x Near_LoA	-9,78658138	-0,004	0,309
CHR8	14085253	CHR8:14085253	SSF x Near_LoA	-10,0490138	0,068	0,309
CHR8	14098841	CHR8:14098841	SSF x Near_LoA	-8,11617193	-0,157	0,295
CHR8	14098907	CHR8:14098907	SSF x Near_LoA	-7,96650168	-0,117	0,315
CHR8	14108273	CHR8:14108273	SSF x Near_LoA	-8,43443465	0,079	0,313
CHR8	14108293	CHR8:14108293	SSF x Near_LoA	-8,60430814	-0,059	0,320
CHR8	14108344	CHR8:14108344	SSF x Near_LoA	-10,1772233	-0,030	0,300
CHR8	1411534	CHR8:1411534	SSF x Near_LoA	-7,35900528	0,214	0,276
CHR8	1411590	CHR8:1411590	SSF x Near_LoA	-10,2380148	0,124	0,290
CHR8	14123287	CHR8:14123287	SSF x Near_LoA	-8,90638413	0,031	0,314
CHR8	14123290	CHR8:14123290	SSF x Near_LoA	-9,87236306	0,014	0,314

CHR8	14123294	CHR8:14123294	SSF x Near_LoA	10,1353931	0,068	0,314
CHR8	14123317	CHR8:14123317	SSF x Near_LoA	-8,62937638	0,049	0,303
CHR8	14123363	CHR8:14123363	SSF x Near_LoA	-9,54156813	0,049	0,325
CHR8	14129867	CHR8:14129867	SSF x Near_LoA	-9,00416808	0,051	0,307
CHR8	14130002	CHR8:14130002	SSF x Near_LoA	-6,94774665	0,036	0,310
CHR8	14130003	CHR8:14130003	SSF x Near_LoA	-9,56154396	0,068	0,302
CHR8	14130045	CHR8:14130045	SSF x Near_LoA	-10,2172531	0,040	0,314
CHR8	14134442	CHR8:14134442	SSF x Near_LoA	-7,50748137	-0,120	0,318
CHR8	14134449	CHR8:14134449	SSF x Near_LoA	-10,1265999	-0,102	0,307
CHR8	14152074	CHR8:14152074	SSF x Near_LoA	-10,2335485	-0,025	0,315
CHR8	14158310	CHR8:14158310	SSF x Near_LoA	-9,02385256	-0,013	0,305
CHR8	14158339	CHR8:14158339	SSF x Near_LoA	-9,84240843	0,046	0,303
CHR8	14158406	CHR8:14158406	SSF x Near_LoA	-8,86483483	-0,025	0,308
CHR8	14158426	CHR8:14158426	SSF x Near_LoA	-8,17044635	-0,013	0,307
CHR8	14163659	CHR8:14163659	SSF x Near_LoA	-8,18742566	-0,028	0,325
CHR8	14163727	CHR8:14163727	SSF x Near_LoA	-8,08577596	0,019	0,324
CHR8	14174221	CHR8:14174221	SSF x Near_LoA	-10,9475936	0,066	0,303
CHR8	14174232	CHR8:14174232	SSF x Near_LoA	-10,1017992	0,080	0,313
CHR8	14174280	CHR8:14174280	SSF x Near_LoA	-9,69885148	-0,054	0,316
CHR8	14190650	CHR8:14190650	SSF x Near_LoA	-7,72907874	-0,037	0,309
CHR8	14196017	CHR8:14196017	SSF x Near_LoA	-10,0854805	-0,033	0,300
CHR8	14196207	CHR8:14196207	SSF x Near_LoA	-8,86702128	0,002	0,306
CHR8	14196232	CHR8:14196232	SSF x Near_LoA	-8,85405072	-0,044	0,301
CHR8	14202441	CHR8:14202441	SSF x Near_LoA	-10,3749467	0,047	0,298
CHR8	14202474	CHR8:14202474	SSF x Near_LoA	-8,69644895	-0,049	0,286
CHR8	14202556	CHR8:14202556	SSF x Near_LoA	-10,2074647	-0,035	0,305
CHR8	14202670	CHR8:14202670	SSF x Near_LoA	-9,55440898	0,038	0,320
CHR8	14211752	CHR8:14211752	SSF x Near_LoA	-10,4152994	0,060	0,314
CHR8	14212734	CHR8:14212734	SSF x Near_LoA	-10,0299	-0,137	0,299
CHR8	14212771	CHR8:14212771	SSF x Near_LoA	-10,5351251	-0,032	0,314
CHR8	14223028	CHR8:14223028	SSF x Near_LoA	-8,62835819	-0,044	0,315
CHR8	14223073	CHR8:14223073	SSF x Near_LoA	-10,6835724	0,075	0,309
CHR8	14223094	CHR8:14223094	SSF x Near_LoA	-8,65909869	0,003	0,321
CHR8	14227540	CHR8:14227540	SSF x Near_LoA	-6,18342436	-0,049	0,312
CHR8	14229148	CHR8:14229148	SSF x Near_LoA	-8,41847924	-0,030	0,319
CHR8	14232457	CHR8:14232457	SSF x Near_LoA	-8,96026651	-0,002	0,311
CHR8	14232566	CHR8:14232566	SSF x Near_LoA	-8,46945852	-0,006	0,323
CHR8	14232659	CHR8:14232659	SSF x Near_LoA	-9,96617871	-0,025	0,306
CHR8	14235746	CHR8:14235746	SSF x Near_LoA	-7,85304117	-0,027	0,317
CHR8	14237891	CHR8:14237891	SSF x Near_LoA	-8,87723579	0,016	0,311
CHR8	14237917	CHR8:14237917	SSF x Near_LoA	-8,90866545	0,007	0,300
CHR8	14237995	CHR8:14237995	SSF x Near_LoA	1,37442403	0,025	0,320
CHR8	14238196	CHR8:14238196	SSF x Near_LoA	-11,0684008	-0,059	0,306
CHR8	14238200	CHR8:14238200	SSF x Near_LoA	-9,36771144	-0,035	0,304
CHR8	14238215	CHR8:14238215	SSF x Near_LoA	-4,0333111	-0,022	0,318
CHR8	14238983	CHR8:14238983	SSF x Near_LoA	-7,69796713	0,010	0,326
CHR8	14239056	CHR8:14239056	SSF x Near_LoA	-9,15215666	0,034	0,313
CHR8	14244300	CHR8:14244300	SSF x Near_LoA	-11,476717	-0,050	0,310
CHR8	14244320	CHR8:14244320	SSF x Near_LoA	-10,3581739	-0,022	0,307
CHR8	1425764	CHR8:1425764	SSF x Near_LoA	-10,034605	-0,094	0,293
CHR8	1425800	CHR8:1425800	SSF x Near_LoA	-9,00186523	-0,117	0,325
CHR8	1425805	CHR8:1425805	SSF x Near_LoA	-12,1557709	-0,009	0,306
CHR8	1425824	CHR8:1425824	SSF x Near_LoA	-11,2701298	0,067	0,312

CHR8	1425880	CHR8:1425880	SSF x Near_LoA	-7,68990076	0,036	0,314
CHR8	14266903	CHR8:14266903	SSF x Near_LoA	-7,48214181	0,022	0,326
CHR8	14266913	CHR8:14266913	SSF x Near_LoA	-6,03698012	0,029	0,329
CHR8	14266932	CHR8:14266932	SSF x Near_LoA	-7,77273399	0,009	0,321
CHR8	14266941	CHR8:14266941	SSF x Near_LoA	-8,36286378	0,020	0,314
CHR8	14266951	CHR8:14266951	SSF x Near_LoA	-8,60679376	-0,019	0,309
CHR8	14267004	CHR8:14267004	SSF x Near_LoA	-8,64901997	-0,021	0,310
CHR8	14289342	CHR8:14289342	SSF x Near_LoA	-11,7050537	-0,028	0,303
CHR8	14295229	CHR8:14295229	SSF x Near_LoA	-9,32879949	-0,068	0,306
CHR8	14297	CHR8:14297	SSF x Near_LoA	-9,85529286	-0,049	0,314
CHR8	14302989	CHR8:14302989	SSF x Near_LoA	-8,90474739	0,039	0,313
CHR8	14302996	CHR8:14302996	SSF x Near_LoA	-7,87990094	-0,004	0,307
CHR8	14303031	CHR8:14303031	SSF x Near_LoA	-8,79070778	0,044	0,307
CHR8	14303112	CHR8:14303112	SSF x Near_LoA	-8,33071493	0,033	0,318
CHR8	14303157	CHR8:14303157	SSF x Near_LoA	-9,46034489	0,029	0,298
CHR8	14329535	CHR8:14329535	SSF x Near_LoA	-8,95317966	0,090	0,299
CHR8	14342344	CHR8:14342344	SSF x Near_LoA	-7,45053617	0,033	0,313
CHR8	14342469	CHR8:14342469	SSF x Near_LoA	-9,45955839	-0,069	0,316
CHR8	14344795	CHR8:14344795	SSF x Near_LoA	-9,46984669	0,164	0,296
CHR8	14354663	CHR8:14354663	SSF x Near_LoA	-6,14253841	0,189	0,309
CHR8	14364942	CHR8:14364942	SSF x Near_LoA	-8,1123884	0,005	0,308
CHR8	14367562	CHR8:14367562	SSF x Near_LoA	-8,33150957	0,042	0,314
CHR8	14378739	CHR8:14378739	SSF x Near_LoA	5,70003508	-0,077	0,307
CHR8	14378746	CHR8:14378746	SSF x Near_LoA	-8,3624302	-0,077	0,314
CHR8	14378812	CHR8:14378812	SSF x Near_LoA	-7,53091852	-0,079	0,298
CHR8	14378827	CHR8:14378827	SSF x Near_LoA	-9,75535997	0,072	0,318
CHR8	14378871	CHR8:14378871	SSF x Near_LoA	-8,87860044	-0,054	0,300
CHR8	14378875	CHR8:14378875	SSF x Near_LoA	-7,62091846	-0,052	0,299
CHR8	14378883	CHR8:14378883	SSF x Near_LoA	-9,92947368	0,097	0,305
CHR8	14378884	CHR8:14378884	SSF x Near_LoA	-8,75136114	-0,063	0,304
CHR8	14395341	CHR8:14395341	SSF x Near_LoA	-10,2909428	0,048	0,308
CHR8	14395513	CHR8:14395513	SSF x Near_LoA	-11,094328	-0,059	0,307
CHR8	14407768	CHR8:14407768	SSF x Near_LoA	-10,079001	-0,001	0,317
CHR8	14407778	CHR8:14407778	SSF x Near_LoA	-7,80560409	-0,062	0,306
CHR8	14407839	CHR8:14407839	SSF x Near_LoA	-8,02830736	0,044	0,320
CHR8	14407859	CHR8:14407859	SSF x Near_LoA	-9,9725385	-0,038	0,312
CHR8	14407873	CHR8:14407873	SSF x Near_LoA	-10,4056404	0,042	0,309
CHR8	14418167	CHR8:14418167	SSF x Near_LoA	-4,62163703	0,001	0,312
CHR8	14418179	CHR8:14418179	SSF x Near_LoA	-8,37785531	0,125	0,303
CHR8	14418190	CHR8:14418190	SSF x Near_LoA	-7,89294374	-0,071	0,304
CHR8	14418201	CHR8:14418201	SSF x Near_LoA	-8,01037399	-0,017	0,303
CHR8	14418223	CHR8:14418223	SSF x Near_LoA	-7,36671428	0,116	0,315
CHR8	14418234	CHR8:14418234	SSF x Near_LoA	-8,25382433	-0,015	0,305
CHR8	14418311	CHR8:14418311	SSF x Near_LoA	-9,12902266	-0,003	0,307
CHR8	14418394	CHR8:14418394	SSF x Near_LoA	-6,83658804	0,052	0,314
CHR8	14418399	CHR8:14418399	SSF x Near_LoA	-9,50513055	-0,128	0,309
CHR8	14448453	CHR8:14448453	SSF x Near_LoA	-6,75340792	0,048	0,309
CHR8	14459301	CHR8:14459301	SSF x Near_LoA	-5,66783568	0,220	0,294
CHR8	14459313	CHR8:14459313	SSF x Near_LoA	-7,3891471	-0,151	0,308
CHR8	14459325	CHR8:14459325	SSF x Near_LoA	-9,4832975	-0,064	0,309
CHR8	14459333	CHR8:14459333	SSF x Near_LoA	-7,5390872	-0,166	0,292
CHR8	14459404	CHR8:14459404	SSF x Near_LoA	-8,75060723	-0,069	0,300
CHR8	14459437	CHR8:14459437	SSF x Near_LoA	-8,50501215	-0,112	0,301

CHR8	14459463	CHR8:14459463	SSF x Near_LoA	-7,15612268	-0,107	0,299
CHR8	14459502	CHR8:14459502	SSF x Near_LoA	-7,68279265	-0,113	0,304
CHR8	14459511	CHR8:14459511	SSF x Near_LoA	-9,21161621	0,023	0,312
CHR8	14476558	CHR8:14476558	SSF x Near_LoA	-10,4527274	0,026	0,314
CHR8	14476608	CHR8:14476608	SSF x Near_LoA	-9,10045187	0,074	0,305
CHR8	14480880	CHR8:14480880	SSF x Near_LoA	-8,46982808	-0,077	0,306
CHR8	14480902	CHR8:14480902	SSF x Near_LoA	-8,46730997	0,085	0,307
CHR8	14481003	CHR8:14481003	SSF x Near_LoA	-5,95369097	0,079	0,312
CHR8	14497665	CHR8:14497665	SSF x Near_LoA	-9,16414937	-0,039	0,308
CHR8	14497666	CHR8:14497666	SSF x Near_LoA	-10,4225644	0,020	0,317
CHR8	14501868	CHR8:14501868	SSF x Near_LoA	-9,95666183	-0,101	0,310
CHR8	14501963	CHR8:14501963	SSF x Near_LoA	-9,29270467	-0,054	0,318
CHR8	14502062	CHR8:14502062	SSF x Near_LoA	-9,36302848	0,027	0,309
CHR8	14508449	CHR8:14508449	SSF x Near_LoA	-9,89190961	0,005	0,312
CHR8	14509868	CHR8:14509868	SSF x Near_LoA	-10,2050024	0,098	0,312
CHR8	1451674	CHR8:1451674	SSF x Near_LoA	-10,6793771	-0,035	0,303
CHR8	14532459	CHR8:14532459	SSF x Near_LoA	-10,4576242	-0,091	0,294
CHR8	14532461	CHR8:14532461	SSF x Near_LoA	-9,64258514	-0,092	0,291
CHR8	14535459	CHR8:14535459	SSF x Near_LoA	-10,8458881	-0,116	0,288
CHR8	14535489	CHR8:14535489	SSF x Near_LoA	-8,3216602	-0,103	0,302
CHR8	14551505	CHR8:14551505	SSF x Near_LoA	-1,73818837	-0,164	0,292
CHR8	14551726	CHR8:14551726	SSF x Near_LoA	-0,81100074	0,109	0,312
CHR8	14573180	CHR8:14573180	SSF x Near_LoA	-9,89312538	0,054	0,305
CHR8	14573255	CHR8:14573255	SSF x Near_LoA	-10,3265583	0,051	0,288
CHR8	14573283	CHR8:14573283	SSF x Near_LoA	-8,60620835	-0,056	0,301
CHR8	14573284	CHR8:14573284	SSF x Near_LoA	-11,1278543	0,057	0,280
CHR8	14618381	CHR8:14618381	SSF x Near_LoA	-5,1312095	0,082	0,319
CHR8	14645967	CHR8:14645967	SSF x Near_LoA	-9,61551433	-0,013	0,302
CHR8	14649611	CHR8:14649611	SSF x Near_LoA	-10,5567417	-0,074	0,311
CHR8	14674743	CHR8:14674743	SSF x Near_LoA	-7,99653465	-0,115	0,293
CHR8	14681673	CHR8:14681673	SSF x Near_LoA	-6,55915401	0,075	0,311
CHR8	14702614	CHR8:14702614	SSF x Near_LoA	-5,59062276	0,121	0,318
CHR8	14702678	CHR8:14702678	SSF x Near_LoA	-7,16021053	0,073	0,311
CHR8	14702709	CHR8:14702709	SSF x Near_LoA	-9,24704662	0,017	0,316
CHR8	14702740	CHR8:14702740	SSF x Near_LoA	-6,36981365	-0,043	0,317
CHR8	14702758	CHR8:14702758	SSF x Near_LoA	-9,02602455	0,089	0,296
CHR8	14705834	CHR8:14705834	SSF x Near_LoA	-9,65525688	-0,024	0,323
CHR8	14706737	CHR8:14706737	SSF x Near_LoA	-2,68800194	0,126	0,292
CHR8	14712204	CHR8:14712204	SSF x Near_LoA	-3,94831797	0,097	0,316
CHR8	14730234	CHR8:14730234	SSF x Near_LoA	-9,83400464	0,012	0,300
CHR8	14730235	CHR8:14730235	SSF x Near_LoA	-7,99288636	0,017	0,313
CHR8	14730236	CHR8:14730236	SSF x Near_LoA	-8,55463559	0,014	0,311
CHR8	14730407	CHR8:14730407	SSF x Near_LoA	-9,31177512	0,027	0,303
CHR8	14730575	CHR8:14730575	SSF x Near_LoA	-9,20297219	-0,078	0,317
CHR8	1474	CHR8:1474	SSF x Near_LoA	-11,1728369	-0,020	0,298
CHR8	14747888	CHR8:14747888	SSF x Near_LoA	-7,76069687	0,135	0,313
CHR8	14748219	CHR8:14748219	SSF x Near_LoA	-9,37215521	0,068	0,300
CHR8	14748228	CHR8:14748228	SSF x Near_LoA	-9,0634736	0,035	0,308
CHR8	14748244	CHR8:14748244	SSF x Near_LoA	-8,09635328	0,032	0,304
CHR8	14748249	CHR8:14748249	SSF x Near_LoA	-6,719589	-0,103	0,305
CHR8	14748283	CHR8:14748283	SSF x Near_LoA	-9,8546349	0,052	0,308
CHR8	14756353	CHR8:14756353	SSF x Near_LoA	-6,1115308	0,205	0,295
CHR8	14756362	CHR8:14756362	SSF x Near_LoA	-10,4201225	-0,083	0,313

CHR8	14756401	CHR8:14756401	SSF x Near_LoA	-9,69312602	-0,009	0,309
CHR8	14756407	CHR8:14756407	SSF x Near_LoA	-9,05633164	-0,047	0,311
CHR8	14756418	CHR8:14756418	SSF x Near_LoA	-6,55812795	0,201	0,289
CHR8	14768870	CHR8:14768870	SSF x Near_LoA	-11,2067811	0,031	0,305
CHR8	14768921	CHR8:14768921	SSF x Near_LoA	-8,80253828	0,001	0,303
CHR8	14768939	CHR8:14768939	SSF x Near_LoA	-10,419046	0,073	0,297
CHR8	14780536	CHR8:14780536	SSF x Near_LoA	-8,73263829	0,013	0,314
CHR8	14798684	CHR8:14798684	SSF x Near_LoA	-9,28665907	0,131	0,302
CHR8	148126	CHR8:148126	SSF x Near_LoA	-11,2472855	0,041	0,319
CHR8	14830552	CHR8:14830552	SSF x Near_LoA	-11,5006004	0,075	0,305
CHR8	14888901	CHR8:14888901	SSF x Near_LoA	-11,6999968	0,003	0,307
CHR8	14888933	CHR8:14888933	SSF x Near_LoA	-8,65551187	-0,080	0,306
CHR8	14888959	CHR8:14888959	SSF x Near_LoA	-8,26051173	0,000	0,308
CHR8	14892133	CHR8:14892133	SSF x Near_LoA	-8,65477033	-0,035	0,320
CHR8	14892490	CHR8:14892490	SSF x Near_LoA	-6,00017333	0,015	0,309
CHR8	14894079	CHR8:14894079	SSF x Near_LoA	-9,10387615	-0,067	0,307
CHR8	14894105	CHR8:14894105	SSF x Near_LoA	-9,20389999	0,013	0,308
CHR8	14894189	CHR8:14894189	SSF x Near_LoA	-8,78360122	-0,024	0,300
CHR8	14894204	CHR8:14894204	SSF x Near_LoA	-9,50213306	-0,023	0,322
CHR8	14894276	CHR8:14894276	SSF x Near_LoA	-8,2441227	-0,021	0,311
CHR8	14899215	CHR8:14899215	SSF x Near_LoA	-11,3753262	-0,010	0,313
CHR8	14899219	CHR8:14899219	SSF x Near_LoA	-9,99377651	-0,049	0,302
CHR8	14909471	CHR8:14909471	SSF x Near_LoA	-7,35370093	-0,065	0,311
CHR8	14912962	CHR8:14912962	SSF x Near_LoA	-8,70317293	0,074	0,310
CHR8	14913049	CHR8:14913049	SSF x Near_LoA	-9,22510534	0,056	0,297
CHR8	14913075	CHR8:14913075	SSF x Near_LoA	-10,0538674	0,134	0,292
CHR8	14913077	CHR8:14913077	SSF x Near_LoA	-9,70637688	0,163	0,289
CHR8	14914864	CHR8:14914864	SSF x Near_LoA	-10,9573432	-0,013	0,313
CHR8	14926659	CHR8:14926659	SSF x Near_LoA	-8,05871006	0,115	0,306
CHR8	1493781	CHR8:1493781	SSF x Near_LoA	-11,0192235	-0,077	0,305
CHR8	1493902	CHR8:1493902	SSF x Near_LoA	-10,9218627	-0,002	0,314
CHR8	1493906	CHR8:1493906	SSF x Near_LoA	-11,7581768	-0,021	0,301
CHR8	14953978	CHR8:14953978	SSF x Near_LoA	-11,7015767	-0,053	0,296
CHR8	14954028	CHR8:14954028	SSF x Near_LoA	-10,773973	-0,044	0,311
CHR8	14963415	CHR8:14963415	SSF x Near_LoA	-9,94889254	0,057	0,305
CHR8	14963478	CHR8:14963478	SSF x Near_LoA	-9,12914888	0,045	0,310
CHR8	14974637	CHR8:14974637	SSF x Near_LoA	-8,76530804	0,012	0,314
CHR8	14974677	CHR8:14974677	SSF x Near_LoA	-8,14546322	0,087	0,325
CHR8	14974689	CHR8:14974689	SSF x Near_LoA	-9,49212733	0,001	0,320
CHR8	14974695	CHR8:14974695	SSF x Near_LoA	-8,24175981	0,077	0,319
CHR8	14974709	CHR8:14974709	SSF x Near_LoA	-9,03902989	0,022	0,315
CHR8	14977381	CHR8:14977381	SSF x Near_LoA	-11,2232853	0,011	0,303
CHR8	14977412	CHR8:14977412	SSF x Near_LoA	-10,0347628	-0,036	0,319
CHR8	14977413	CHR8:14977413	SSF x Near_LoA	-9,92986554	0,080	0,316
CHR8	14977459	CHR8:14977459	SSF x Near_LoA	-8,24871949	0,126	0,306
CHR8	14982810	CHR8:14982810	SSF x Near_LoA	-11,4864565	0,007	0,309
CHR8	14982965	CHR8:14982965	SSF x Near_LoA	-9,40597008	0,039	0,317
CHR8	14982991	CHR8:14982991	SSF x Near_LoA	-11,3468972	0,000	0,299
CHR8	14987629	CHR8:14987629	SSF x Near_LoA	-9,11992758	-0,005	0,313
CHR8	14991309	CHR8:14991309	SSF x Near_LoA	-6,68534548	0,158	0,299
CHR8	14994018	CHR8:14994018	SSF x Near_LoA	-9,43401189	-0,065	0,315
CHR8	15012412	CHR8:15012412	SSF x Near_LoA	-7,36344288	-0,015	0,319
CHR8	15021406	CHR8:15021406	SSF x Near_LoA	-11,1853928	0,020	0,302

CHR8	15021408	CHR8:15021408	SSF x Near_LoA	-9,11285051	0,033	0,318
CHR8	15029810	CHR8:15029810	SSF x Near_LoA	-10,0860812	0,049	0,299
CHR8	15029821	CHR8:15029821	SSF x Near_LoA	-10,350533	0,033	0,300
CHR8	15029877	CHR8:15029877	SSF x Near_LoA	-10,3376977	0,006	0,320
CHR8	15029907	CHR8:15029907	SSF x Near_LoA	-7,23173272	0,033	0,326
CHR8	15031653	CHR8:15031653	SSF x Near_LoA	-9,21824886	-0,031	0,310
CHR8	15031671	CHR8:15031671	SSF x Near_LoA	-6,54001881	-0,073	0,315
CHR8	15031836	CHR8:15031836	SSF x Near_LoA	-11,0723881	0,033	0,305
CHR8	15048936	CHR8:15048936	SSF x Near_LoA	-10,2371029	-0,111	0,317
CHR8	15048953	CHR8:15048953	SSF x Near_LoA	-9,35239287	-0,120	0,290
CHR8	1505228	CHR8:1505228	SSF x Near_LoA	-7,9951868	-0,112	0,309
CHR8	1505235	CHR8:1505235	SSF x Near_LoA	-9,68026902	0,021	0,297
CHR8	1505263	CHR8:1505263	SSF x Near_LoA	-8,60140211	0,011	0,302
CHR8	1505265	CHR8:1505265	SSF x Near_LoA	-10,530082	-0,080	0,301
CHR8	1505307	CHR8:1505307	SSF x Near_LoA	-9,01365482	0,018	0,324
CHR8	15108119	CHR8:15108119	SSF x Near_LoA	-8,87482016	0,026	0,303
CHR8	15108164	CHR8:15108164	SSF x Near_LoA	-10,9824184	0,076	0,306
CHR8	15108307	CHR8:15108307	SSF x Near_LoA	-8,6514192	0,120	0,293
CHR8	15117835	CHR8:15117835	SSF x Near_LoA	-9,91065708	0,018	0,312
CHR8	15117837	CHR8:15117837	SSF x Near_LoA	-8,46916498	-0,014	0,303
CHR8	1512646	CHR8:1512646	SSF x Near_LoA	-10,5745789	0,066	0,305
CHR8	1512667	CHR8:1512667	SSF x Near_LoA	-2,46250272	0,217	0,294
CHR8	1512711	CHR8:1512711	SSF x Near_LoA	-10,8408028	0,003	0,295
CHR8	1512768	CHR8:1512768	SSF x Near_LoA	-9,5067031	0,073	0,306
CHR8	15138778	CHR8:15138778	SSF x Near_LoA	-4,16645995	-0,149	0,300
CHR8	15138784	CHR8:15138784	SSF x Near_LoA	-11,0201879	-0,062	0,309
CHR8	15138809	CHR8:15138809	SSF x Near_LoA	-6,81317892	-0,072	0,324
CHR8	15138814	CHR8:15138814	SSF x Near_LoA	-10,1851312	0,078	0,310
CHR8	15138850	CHR8:15138850	SSF x Near_LoA	-9,51592781	0,051	0,306
CHR8	15138875	CHR8:15138875	SSF x Near_LoA	-8,86372646	0,048	0,299
CHR8	15138882	CHR8:15138882	SSF x Near_LoA	-9,78194275	0,059	0,312
CHR8	15138883	CHR8:15138883	SSF x Near_LoA	-7,36766496	-0,010	0,298
CHR8	15138889	CHR8:15138889	SSF x Near_LoA	-9,10586706	0,040	0,302
CHR8	15139018	CHR8:15139018	SSF x Near_LoA	-10,2871973	0,058	0,312
CHR8	15145041	CHR8:15145041	SSF x Near_LoA	-7,11515236	0,050	0,319
CHR8	15145060	CHR8:15145060	SSF x Near_LoA	-9,24377638	0,058	0,301
CHR8	15145083	CHR8:15145083	SSF x Near_LoA	-8,98558598	0,022	0,318
CHR8	15159254	CHR8:15159254	SSF x Near_LoA	-10,6189817	0,004	0,311
CHR8	15169707	CHR8:15169707	SSF x Near_LoA	-8,34675999	0,018	0,311
CHR8	15169740	CHR8:15169740	SSF x Near_LoA	-9,58932938	0,060	0,303
CHR8	15169788	CHR8:15169788	SSF x Near_LoA	-7,99468763	-0,118	0,309
CHR8	15169804	CHR8:15169804	SSF x Near_LoA	-9,52868696	-0,019	0,301
CHR8	15169857	CHR8:15169857	SSF x Near_LoA	-10,0296869	0,057	0,310
CHR8	15171376	CHR8:15171376	SSF x Near_LoA	-10,735199	-0,070	0,304
CHR8	15171385	CHR8:15171385	SSF x Near_LoA	-7,64716236	0,142	0,302
CHR8	15171399	CHR8:15171399	SSF x Near_LoA	-0,51295073	0,029	0,300
CHR8	15172729	CHR8:15172729	SSF x Near_LoA	-10,668349	0,101	0,306
CHR8	15172750	CHR8:15172750	SSF x Near_LoA	-8,84169057	0,057	0,314
CHR8	15172761	CHR8:15172761	SSF x Near_LoA	-8,85010025	-0,152	0,302
CHR8	15172769	CHR8:15172769	SSF x Near_LoA	-7,70599075	0,052	0,307
CHR8	15172773	CHR8:15172773	SSF x Near_LoA	-8,82377423	0,046	0,307
CHR8	15172785	CHR8:15172785	SSF x Near_LoA	-9,01688541	0,109	0,303
CHR8	15172814	CHR8:15172814	SSF x Near_LoA	-9,54403427	0,106	0,303

CHR8	15182649	CHR8:15182649	SSF x Near_LoA	-9,27520398	-0,095	0,311
CHR8	15182667	CHR8:15182667	SSF x Near_LoA	-11,7302911	0,056	0,297
CHR8	15182684	CHR8:15182684	SSF x Near_LoA	-11,2573051	-0,030	0,313
CHR8	15183610	CHR8:15183610	SSF x Near_LoA	-9,42929984	0,073	0,303
CHR8	15183713	CHR8:15183713	SSF x Near_LoA	-6,47787726	0,104	0,299
CHR8	15191303	CHR8:15191303	SSF x Near_LoA	-8,94295984	0,059	0,308
CHR8	15191403	CHR8:15191403	SSF x Near_LoA	-9,16057528	0,081	0,311
CHR8	15191418	CHR8:15191418	SSF x Near_LoA	-8,53499772	-0,081	0,312
CHR8	15191422	CHR8:15191422	SSF x Near_LoA	-10,4707264	0,020	0,298
CHR8	15191486	CHR8:15191486	SSF x Near_LoA	-8,86078179	0,017	0,300
CHR8	15191518	CHR8:15191518	SSF x Near_LoA	-8,36059853	-0,138	0,301
CHR8	15197069	CHR8:15197069	SSF x Near_LoA	-8,64456022	0,080	0,296
CHR8	15197110	CHR8:15197110	SSF x Near_LoA	-9,53283237	0,084	0,317
CHR8	15197127	CHR8:15197127	SSF x Near_LoA	-8,6785467	0,080	0,311
CHR8	15197129	CHR8:15197129	SSF x Near_LoA	-10,4043769	0,040	0,309
CHR8	15197187	CHR8:15197187	SSF x Near_LoA	-8,40579703	0,080	0,302
CHR8	15197194	CHR8:15197194	SSF x Near_LoA	-7,72690689	-0,063	0,312
CHR8	15197313	CHR8:15197313	SSF x Near_LoA	-6,91448739	0,018	0,308
CHR8	15204493	CHR8:15204493	SSF x Near_LoA	-7,59064277	-0,023	0,319
CHR8	15204561	CHR8:15204561	SSF x Near_LoA	-8,76381971	0,058	0,313
CHR8	15204589	CHR8:15204589	SSF x Near_LoA	-9,03031607	0,004	0,305
CHR8	15204601	CHR8:15204601	SSF x Near_LoA	-8,32205542	-0,051	0,321
CHR8	15204643	CHR8:15204643	SSF x Near_LoA	-5,82234814	0,047	0,309
CHR8	15204645	CHR8:15204645	SSF x Near_LoA	-10,2177898	0,101	0,304
CHR8	15204646	CHR8:15204646	SSF x Near_LoA	-8,59261099	0,061	0,305
CHR8	15204695	CHR8:15204695	SSF x Near_LoA	-6,32299465	-0,091	0,306
CHR8	15209932	CHR8:15209932	SSF x Near_LoA	-9,03037744	0,073	0,319
CHR8	15218570	CHR8:15218570	SSF x Near_LoA	-11,0307399	-0,048	0,324
CHR8	15222081	CHR8:15222081	SSF x Near_LoA	-8,08444171	0,016	0,296
CHR8	15222119	CHR8:15222119	SSF x Near_LoA	-10,8274975	-0,022	0,294
CHR8	15222128	CHR8:15222128	SSF x Near_LoA	-0,69796418	0,004	0,308
CHR8	15222146	CHR8:15222146	SSF x Near_LoA	-11,8228596	0,006	0,297
CHR8	15222280	CHR8:15222280	SSF x Near_LoA	-7,97249217	-0,059	0,308
CHR8	15222293	CHR8:15222293	SSF x Near_LoA	-10,7104974	0,025	0,313
CHR8	15243000	CHR8:15243000	SSF x Near_LoA	-9,36597491	-0,028	0,307
CHR8	15249882	CHR8:15249882	SSF x Near_LoA	-8,18002574	0,096	0,308
CHR8	15249883	CHR8:15249883	SSF x Near_LoA	-3,97421385	0,080	0,319
CHR8	15249926	CHR8:15249926	SSF x Near_LoA	-7,44378416	-0,125	0,307
CHR8	15292831	CHR8:15292831	SSF x Near_LoA	-8,87749661	-0,124	0,312
CHR8	15292841	CHR8:15292841	SSF x Near_LoA	-11,4269617	0,057	0,307
CHR8	15292881	CHR8:15292881	SSF x Near_LoA	-9,55400408	-0,057	0,310
CHR8	15292928	CHR8:15292928	SSF x Near_LoA	-10,233236	-0,090	0,308
CHR8	15293048	CHR8:15293048	SSF x Near_LoA	-11,7881412	-0,093	0,305
CHR8	15296196	CHR8:15296196	SSF x Near_LoA	-5,92720224	-0,013	0,305
CHR8	15296206	CHR8:15296206	SSF x Near_LoA	-8,83823071	-0,086	0,314
CHR8	15298458	CHR8:15298458	SSF x Near_LoA	-11,1035806	-0,018	0,302
CHR8	15298475	CHR8:15298475	SSF x Near_LoA	-11,5433593	-0,026	0,307
CHR8	15302884	CHR8:15302884	SSF x Near_LoA	-8,6117608	-0,072	0,305
CHR8	15304371	CHR8:15304371	SSF x Near_LoA	-8,46666086	0,057	0,305
CHR8	15304445	CHR8:15304445	SSF x Near_LoA	-9,73064118	0,004	0,313
CHR8	15309376	CHR8:15309376	SSF x Near_LoA	-7,93759436	-0,118	0,301
CHR8	15309390	CHR8:15309390	SSF x Near_LoA	-7,15663113	-0,074	0,304
CHR8	15309435	CHR8:15309435	SSF x Near_LoA	-8,19755074	0,061	0,307

CHR8	15309445	CHR8:15309445	SSF x Near_LoA	-11,3478342	0,048	0,303
CHR8	15309505	CHR8:15309505	SSF x Near_LoA	-9,71426745	-0,044	0,309
CHR8	15311135	CHR8:15311135	SSF x Near_LoA	-11,2097486	-0,019	0,284
CHR8	15329185	CHR8:15329185	SSF x Near_LoA	-8,71128344	0,059	0,307
CHR8	15329212	CHR8:15329212	SSF x Near_LoA	-11,1852996	0,017	0,305
CHR8	15329238	CHR8:15329238	SSF x Near_LoA	-9,6078934	0,099	0,292
CHR8	15329359	CHR8:15329359	SSF x Near_LoA	-7,66260675	-0,147	0,314
CHR8	15353332	CHR8:15353332	SSF x Near_LoA	-10,1870439	0,029	0,309
CHR8	15360902	CHR8:15360902	SSF x Near_LoA	-10,1087206	-0,052	0,311
CHR8	15360904	CHR8:15360904	SSF x Near_LoA	-8,39942217	0,089	0,299
CHR8	15360907	CHR8:15360907	SSF x Near_LoA	-9,49833772	0,076	0,313
CHR8	15360938	CHR8:15360938	SSF x Near_LoA	-7,98419122	0,054	0,315
CHR8	15360951	CHR8:15360951	SSF x Near_LoA	-9,83549524	0,051	0,300
CHR8	1536138	CHR8:1536138	SSF x Near_LoA	-9,7327549	0,068	0,310
CHR8	15362464	CHR8:15362464	SSF x Near_LoA	-12,1042944	-0,028	0,294
CHR8	15362472	CHR8:15362472	SSF x Near_LoA	-10,0353702	0,167	0,297
CHR8	15362480	CHR8:15362480	SSF x Near_LoA	-9,13970813	-0,040	0,303
CHR8	15362491	CHR8:15362491	SSF x Near_LoA	-8,6215877	-0,055	0,307
CHR8	15362510	CHR8:15362510	SSF x Near_LoA	-9,02793548	0,010	0,315
CHR8	15362607	CHR8:15362607	SSF x Near_LoA	-9,74690235	-0,058	0,294
CHR8	15362614	CHR8:15362614	SSF x Near_LoA	-8,7286066	0,036	0,307
CHR8	15362615	CHR8:15362615	SSF x Near_LoA	-8,90530395	0,104	0,301
CHR8	15362697	CHR8:15362697	SSF x Near_LoA	-8,94103233	-0,018	0,297
CHR8	15362713	CHR8:15362713	SSF x Near_LoA	-11,6182158	-0,008	0,309
CHR8	15370963	CHR8:15370963	SSF x Near_LoA	-6,51766523	-0,034	0,331
CHR8	15381631	CHR8:15381631	SSF x Near_LoA	-8,64079727	-0,072	0,313
CHR8	15381634	CHR8:15381634	SSF x Near_LoA	-7,98664218	-0,038	0,316
CHR8	15384214	CHR8:15384214	SSF x Near_LoA	-7,63337822	0,066	0,304
CHR8	15384326	CHR8:15384326	SSF x Near_LoA	-6,00006607	-0,126	0,301
CHR8	15384345	CHR8:15384345	SSF x Near_LoA	-2,61496275	-0,114	0,326
CHR8	15384356	CHR8:15384356	SSF x Near_LoA	-9,99456522	0,034	0,306
CHR8	15384375	CHR8:15384375	SSF x Near_LoA	-10,2948843	0,005	0,302
CHR8	15384441	CHR8:15384441	SSF x Near_LoA	-7,87262018	-0,031	0,303
CHR8	15389440	CHR8:15389440	SSF x Near_LoA	-11,5121363	-0,033	0,302
CHR8	15389445	CHR8:15389445	SSF x Near_LoA	-11,4745697	-0,021	0,319
CHR8	15389487	CHR8:15389487	SSF x Near_LoA	-11,5354409	0,062	0,308
CHR8	15389572	CHR8:15389572	SSF x Near_LoA	-10,5009941	0,138	0,298
CHR8	15389589	CHR8:15389589	SSF x Near_LoA	-8,29603518	0,020	0,310
CHR8	15395486	CHR8:15395486	SSF x Near_LoA	-8,84959446	0,015	0,304
CHR8	15395649	CHR8:15395649	SSF x Near_LoA	-7,96249679	0,042	0,318
CHR8	15395708	CHR8:15395708	SSF x Near_LoA	-5,91622362	-0,096	0,298
CHR8	15395725	CHR8:15395725	SSF x Near_LoA	-8,3766834	-0,052	0,306
CHR8	15403166	CHR8:15403166	SSF x Near_LoA	-9,96005233	0,112	0,302
CHR8	15403367	CHR8:15403367	SSF x Near_LoA	-10,034848	-0,056	0,310
CHR8	15436479	CHR8:15436479	SSF x Near_LoA	-10,2421933	-0,034	0,329
CHR8	15438522	CHR8:15438522	SSF x Near_LoA	-11,6993496	-0,010	0,307
CHR8	15438612	CHR8:15438612	SSF x Near_LoA	-11,2521547	-0,012	0,303
CHR8	15438615	CHR8:15438615	SSF x Near_LoA	-10,4879594	-0,021	0,312
CHR8	1544126	CHR8:1544126	SSF x Near_LoA	-10,3875003	0,048	0,307
CHR8	15457474	CHR8:15457474	SSF x Near_LoA	-8,70941108	-0,118	0,297
CHR8	15457587	CHR8:15457587	SSF x Near_LoA	-9,28553887	-0,103	0,297
CHR8	15457620	CHR8:15457620	SSF x Near_LoA	-8,78596264	0,014	0,314
CHR8	15457622	CHR8:15457622	SSF x Near_LoA	-8,60113573	0,019	0,305

CHR8	15459850	CHR8:15459850	SSF x Near_LoA	-9,03127002	0,146	0,293
CHR8	15465966	CHR8:15465966	SSF x Near_LoA	-8,23747483	-0,134	0,306
CHR8	15466062	CHR8:15466062	SSF x Near_LoA	-7,94352586	0,048	0,310
CHR8	15466113	CHR8:15466113	SSF x Near_LoA	-10,9756267	0,091	0,315
CHR8	15483515	CHR8:15483515	SSF x Near_LoA	-8,92388906	0,059	0,311
CHR8	15483667	CHR8:15483667	SSF x Near_LoA	-11,0000318	-0,046	0,311
CHR8	15483711	CHR8:15483711	SSF x Near_LoA	-7,83136479	0,029	0,306
CHR8	15484612	CHR8:15484612	SSF x Near_LoA	-4,71449357	0,063	0,317
CHR8	15488802	CHR8:15488802	SSF x Near_LoA	-3,43691766	0,061	0,319
CHR8	15488853	CHR8:15488853	SSF x Near_LoA	-4,80060863	-0,189	0,298
CHR8	15488867	CHR8:15488867	SSF x Near_LoA	-7,73748845	-0,103	0,306
CHR8	15488889	CHR8:15488889	SSF x Near_LoA	-9,84397961	-0,123	0,293
CHR8	15488893	CHR8:15488893	SSF x Near_LoA	-11,5977794	0,016	0,299
CHR8	15488916	CHR8:15488916	SSF x Near_LoA	3,04331693	-0,181	0,309
CHR8	15489742	CHR8:15489742	SSF x Near_LoA	-11,5100813	-0,071	0,310
CHR8	15489791	CHR8:15489791	SSF x Near_LoA	-10,0031485	-0,048	0,315
CHR8	1549506	CHR8:1549506	SSF x Near_LoA	-8,58693019	0,164	0,308
CHR8	1549640	CHR8:1549640	SSF x Near_LoA	-2,8366705	-0,202	0,306
CHR8	15508025	CHR8:15508025	SSF x Near_LoA	-8,76814057	-0,061	0,314
CHR8	15508029	CHR8:15508029	SSF x Near_LoA	-8,85510213	-0,007	0,311
CHR8	15508087	CHR8:15508087	SSF x Near_LoA	-9,63255583	-0,141	0,315
CHR8	15541387	CHR8:15541387	SSF x Near_LoA	-4,04076258	0,017	0,315
CHR8	15541442	CHR8:15541442	SSF x Near_LoA	-7,9701883	0,088	0,312
CHR8	15550889	CHR8:15550889	SSF x Near_LoA	-7,0612625	-0,052	0,311
CHR8	15551016	CHR8:15551016	SSF x Near_LoA	-5,78272808	-0,114	0,303
CHR8	15569577	CHR8:15569577	SSF x Near_LoA	-9,5578861	-0,062	0,315
CHR8	15569595	CHR8:15569595	SSF x Near_LoA	-4,49332192	-0,035	0,313
CHR8	15578447	CHR8:15578447	SSF x Near_LoA	-10,6816327	0,002	0,310
CHR8	15582931	CHR8:15582931	SSF x Near_LoA	-9,18135207	-0,027	0,311
CHR8	15582976	CHR8:15582976	SSF x Near_LoA	-7,98261374	0,050	0,303
CHR8	15582995	CHR8:15582995	SSF x Near_LoA	-8,97754096	-0,055	0,299
CHR8	15583000	CHR8:15583000	SSF x Near_LoA	-8,33421471	-0,057	0,309
CHR8	15585398	CHR8:15585398	SSF x Near_LoA	-8,79833703	0,066	0,310
CHR8	15585418	CHR8:15585418	SSF x Near_LoA	-9,84354731	0,016	0,297
CHR8	15585462	CHR8:15585462	SSF x Near_LoA	-9,18851853	-0,028	0,302
CHR8	15585474	CHR8:15585474	SSF x Near_LoA	-8,64626905	0,071	0,306
CHR8	15587977	CHR8:15587977	SSF x Near_LoA	-7,9485768	0,053	0,313
CHR8	15588005	CHR8:15588005	SSF x Near_LoA	-9,03065256	0,042	0,308
CHR8	15588007	CHR8:15588007	SSF x Near_LoA	-9,08877031	-0,036	0,302
CHR8	15588024	CHR8:15588024	SSF x Near_LoA	-9,53302329	0,094	0,308
CHR8	15588033	CHR8:15588033	SSF x Near_LoA	-9,65385942	0,018	0,294
CHR8	15588049	CHR8:15588049	SSF x Near_LoA	-8,18628328	0,062	0,315
CHR8	15588133	CHR8:15588133	SSF x Near_LoA	-8,77596057	-0,038	0,299
CHR8	15588184	CHR8:15588184	SSF x Near_LoA	-8,22915659	-0,080	0,316
CHR8	15588194	CHR8:15588194	SSF x Near_LoA	-9,97301364	-0,061	0,315
CHR8	15588200	CHR8:15588200	SSF x Near_LoA	-9,24223627	0,010	0,300
CHR8	15602934	CHR8:15602934	SSF x Near_LoA	-9,51297128	0,116	0,301
CHR8	15602939	CHR8:15602939	SSF x Near_LoA	-8,2546989	0,154	0,297
CHR8	15616864	CHR8:15616864	SSF x Near_LoA	-7,18063046	0,006	0,319
CHR8	15617926	CHR8:15617926	SSF x Near_LoA	-8,63855281	0,031	0,307
CHR8	15617949	CHR8:15617949	SSF x Near_LoA	-8,63097694	0,055	0,286
CHR8	15617950	CHR8:15617950	SSF x Near_LoA	-8,9188831	0,066	0,296
CHR8	15617964	CHR8:15617964	SSF x Near_LoA	-8,69616373	0,075	0,292

CHR8	15617966	CHR8:15617966	SSF x Near_LoA	-7,44849976	0,090	0,303
CHR8	15617967	CHR8:15617967	SSF x Near_LoA	-8,95351608	-0,116	0,287
CHR8	15617973	CHR8:15617973	SSF x Near_LoA	-8,75578576	-0,135	0,294
CHR8	15617974	CHR8:15617974	SSF x Near_LoA	-10,5515921	0,037	0,301
CHR8	15623364	CHR8:15623364	SSF x Near_LoA	-9,26212488	0,064	0,299
CHR8	15623512	CHR8:15623512	SSF x Near_LoA	-9,20105216	0,039	0,289
CHR8	15623632	CHR8:15623632	SSF x Near_LoA	-9,49338347	-0,014	0,311
CHR8	15628434	CHR8:15628434	SSF x Near_LoA	-9,05160746	-0,040	0,300
CHR8	15628468	CHR8:15628468	SSF x Near_LoA	-8,29776383	0,092	0,288
CHR8	15628532	CHR8:15628532	SSF x Near_LoA	-8,18722368	-0,098	0,294
CHR8	15628550	CHR8:15628550	SSF x Near_LoA	-6,03497314	-0,089	0,293
CHR8	15628560	CHR8:15628560	SSF x Near_LoA	-6,80918063	-0,026	0,321
CHR8	15628625	CHR8:15628625	SSF x Near_LoA	-6,69513764	0,147	0,319
CHR8	15628627	CHR8:15628627	SSF x Near_LoA	-7,14594718	0,134	0,313
CHR8	15628635	CHR8:15628635	SSF x Near_LoA	-7,3965847	0,076	0,308
CHR8	15628641	CHR8:15628641	SSF x Near_LoA	-11,9167887	-0,001	0,302
CHR8	15628682	CHR8:15628682	SSF x Near_LoA	-7,53839061	0,181	0,301
CHR8	15628740	CHR8:15628740	SSF x Near_LoA	-7,73631155	-0,070	0,308
CHR8	15628765	CHR8:15628765	SSF x Near_LoA	-8,21018995	-0,074	0,310
CHR8	15628788	CHR8:15628788	SSF x Near_LoA	-8,37587002	-0,008	0,311
CHR8	1563643	CHR8:1563643	SSF x Near_LoA	-10,7815099	0,013	0,316
CHR8	1563702	CHR8:1563702	SSF x Near_LoA	-7,0094174	-0,092	0,295
CHR8	1563731	CHR8:1563731	SSF x Near_LoA	-10,4396603	0,002	0,317
CHR8	1563753	CHR8:1563753	SSF x Near_LoA	-6,1391848	-0,099	0,308
CHR8	15637774	CHR8:15637774	SSF x Near_LoA	-9,65893677	-0,038	0,317
CHR8	15638510	CHR8:15638510	SSF x Near_LoA	-8,5172466	-0,083	0,296
CHR8	15642444	CHR8:15642444	SSF x Near_LoA	-9,81818608	0,071	0,293
CHR8	15642454	CHR8:15642454	SSF x Near_LoA	-8,27313273	0,047	0,306
CHR8	15642464	CHR8:15642464	SSF x Near_LoA	-9,24346713	0,030	0,304
CHR8	15642467	CHR8:15642467	SSF x Near_LoA	-2,69596848	0,065	0,313
CHR8	15649112	CHR8:15649112	SSF x Near_LoA	-8,98795447	-0,077	0,307
CHR8	15649187	CHR8:15649187	SSF x Near_LoA	-4,49843581	-0,161	0,297
CHR8	15652794	CHR8:15652794	SSF x Near_LoA	-5,39614769	0,101	0,318
CHR8	15652831	CHR8:15652831	SSF x Near_LoA	-6,13267855	0,220	0,290
CHR8	15652862	CHR8:15652862	SSF x Near_LoA	-4,05606974	0,240	0,297
CHR8	15652894	CHR8:15652894	SSF x Near_LoA	-8,83609235	0,210	0,298
CHR8	15652928	CHR8:15652928	SSF x Near_LoA	-8,66260511	0,045	0,309
CHR8	15652951	CHR8:15652951	SSF x Near_LoA	-9,7832984	0,071	0,289
CHR8	15652963	CHR8:15652963	SSF x Near_LoA	-9,04799593	0,089	0,295
CHR8	15652970	CHR8:15652970	SSF x Near_LoA	-8,7334606	0,167	0,309
CHR8	15652972	CHR8:15652972	SSF x Near_LoA	-7,80485736	0,148	0,301
CHR8	15652993	CHR8:15652993	SSF x Near_LoA	-9,77095542	0,146	0,301
CHR8	15653012	CHR8:15653012	SSF x Near_LoA	-9,04916683	-0,028	0,308
CHR8	15653023	CHR8:15653023	SSF x Near_LoA	-9,02987273	0,108	0,311
CHR8	15657777	CHR8:15657777	SSF x Near_LoA	-9,94670566	0,060	0,303
CHR8	15657807	CHR8:15657807	SSF x Near_LoA	-9,30777092	-0,123	0,310
CHR8	15657829	CHR8:15657829	SSF x Near_LoA	-8,85661011	0,059	0,304
CHR8	15657921	CHR8:15657921	SSF x Near_LoA	-9,0324097	0,094	0,307
CHR8	15657955	CHR8:15657955	SSF x Near_LoA	-10,3224602	0,065	0,307
CHR8	15662790	CHR8:15662790	SSF x Near_LoA	-1,52706255	-0,005	0,302
CHR8	15662825	CHR8:15662825	SSF x Near_LoA	-9,42070381	0,068	0,310
CHR8	15662826	CHR8:15662826	SSF x Near_LoA	-7,18822139	0,076	0,300
CHR8	15662833	CHR8:15662833	SSF x Near_LoA	-8,68072701	0,022	0,304

CHR8	15667782	CHR8:15667782	SSF x Near_LoA	-9,75068463	-0,052	0,296
CHR8	15667790	CHR8:15667790	SSF x Near_LoA	-11,2047585	0,094	0,301
CHR8	15667836	CHR8:15667836	SSF x Near_LoA	-8,74995495	0,024	0,302
CHR8	15667978	CHR8:15667978	SSF x Near_LoA	-7,9003713	-0,075	0,290
CHR8	15699082	CHR8:15699082	SSF x Near_LoA	-9,36007437	0,012	0,317
CHR8	15699124	CHR8:15699124	SSF x Near_LoA	-11,1251862	0,015	0,313
CHR8	15699149	CHR8:15699149	SSF x Near_LoA	-8,26002554	0,075	0,308
CHR8	15699151	CHR8:15699151	SSF x Near_LoA	-9,71701577	0,052	0,306
CHR8	15699277	CHR8:15699277	SSF x Near_LoA	-11,2571803	0,009	0,301
CHR8	15699284	CHR8:15699284	SSF x Near_LoA	-9,04126179	-0,058	0,315
CHR8	15702697	CHR8:15702697	SSF x Near_LoA	-8,33009321	-0,163	0,298
CHR8	15702733	CHR8:15702733	SSF x Near_LoA	-11,5616201	-0,016	0,315
CHR8	15702757	CHR8:15702757	SSF x Near_LoA	-8,87514928	-0,068	0,307
CHR8	15702848	CHR8:15702848	SSF x Near_LoA	-7,31390952	-0,077	0,312
CHR8	15702944	CHR8:15702944	SSF x Near_LoA	-9,39095594	-0,053	0,314
CHR8	15702952	CHR8:15702952	SSF x Near_LoA	-5,50409306	0,225	0,291
CHR8	15702967	CHR8:15702967	SSF x Near_LoA	-8,88624921	-0,036	0,305
CHR8	15702998	CHR8:15702998	SSF x Near_LoA	-11,7667972	-0,021	0,300
CHR8	15705774	CHR8:15705774	SSF x Near_LoA	-9,62745169	-0,052	0,309
CHR8	15705842	CHR8:15705842	SSF x Near_LoA	-10,4244416	0,056	0,316
CHR8	15706001	CHR8:15706001	SSF x Near_LoA	-8,1808373	0,049	0,314
CHR8	15706016	CHR8:15706016	SSF x Near_LoA	-9,15985368	0,108	0,285
CHR8	15707706	CHR8:15707706	SSF x Near_LoA	-5,67046978	0,103	0,305
CHR8	15707773	CHR8:15707773	SSF x Near_LoA	-9,10464289	-0,039	0,309
CHR8	15707794	CHR8:15707794	SSF x Near_LoA	-10,8743127	-0,034	0,303
CHR8	15707795	CHR8:15707795	SSF x Near_LoA	-9,77118515	-0,144	0,309
CHR8	15712606	CHR8:15712606	SSF x Near_LoA	-11,5520662	-0,035	0,305
CHR8	15712645	CHR8:15712645	SSF x Near_LoA	-8,93303107	-0,021	0,315
CHR8	15712665	CHR8:15712665	SSF x Near_LoA	-9,87627016	0,102	0,298
CHR8	15712687	CHR8:15712687	SSF x Near_LoA	-2,36360932	0,115	0,297
CHR8	15712693	CHR8:15712693	SSF x Near_LoA	-10,148971	0,072	0,319
CHR8	15712726	CHR8:15712726	SSF x Near_LoA	-4,40683302	-0,027	0,313
CHR8	15714111	CHR8:15714111	SSF x Near_LoA	-7,17316119	0,040	0,309
CHR8	15714182	CHR8:15714182	SSF x Near_LoA	-11,8843476	-0,037	0,298
CHR8	15717833	CHR8:15717833	SSF x Near_LoA	-7,59587418	0,125	0,295
CHR8	15717970	CHR8:15717970	SSF x Near_LoA	-8,84537443	0,019	0,313
CHR8	15717974	CHR8:15717974	SSF x Near_LoA	-11,4454101	0,019	0,313
CHR8	15721581	CHR8:15721581	SSF x Near_LoA	-10,0744671	0,000	0,317
CHR8	15734780	CHR8:15734780	SSF x Near_LoA	-8,06125431	0,087	0,313
CHR8	15734804	CHR8:15734804	SSF x Near_LoA	-10,3911516	-0,049	0,311
CHR8	15734858	CHR8:15734858	SSF x Near_LoA	-8,37478615	0,051	0,304
CHR8	15734890	CHR8:15734890	SSF x Near_LoA	-9,33032864	0,031	0,310
CHR8	15734904	CHR8:15734904	SSF x Near_LoA	-7,5994841	-0,004	0,298
CHR8	15734926	CHR8:15734926	SSF x Near_LoA	-11,1327466	0,123	0,317
CHR8	15734974	CHR8:15734974	SSF x Near_LoA	-11,9541711	-0,002	0,295
CHR8	15734997	CHR8:15734997	SSF x Near_LoA	-10,9002716	-0,021	0,308
CHR8	15737164	CHR8:15737164	SSF x Near_LoA	-10,8517105	0,080	0,310
CHR8	15737957	CHR8:15737957	SSF x Near_LoA	-5,72594572	0,124	0,300
CHR8	15743524	CHR8:15743524	SSF x Near_LoA	-6,86632613	0,061	0,294
CHR8	15748410	CHR8:15748410	SSF x Near_LoA	-9,25969987	0,049	0,309
CHR8	15755980	CHR8:15755980	SSF x Near_LoA	-10,2784812	-0,061	0,312
CHR8	15756052	CHR8:15756052	SSF x Near_LoA	-9,16548926	0,027	0,297
CHR8	15757593	CHR8:15757593	SSF x Near_LoA	-8,78198389	0,042	0,303

CHR8	15757597	CHR8:15757597	SSF x Near_LoA	-7,16893202	0,018	0,306
CHR8	15759437	CHR8:15759437	SSF x Near_LoA	-5,37324267	-0,170	0,303
CHR8	15759553	CHR8:15759553	SSF x Near_LoA	-11,9713478	-0,062	0,308
CHR8	15763885	CHR8:15763885	SSF x Near_LoA	-11,0729216	-0,090	0,303
CHR8	15764031	CHR8:15764031	SSF x Near_LoA	-9,15819042	0,095	0,303
CHR8	15777637	CHR8:15777637	SSF x Near_LoA	-7,50490529	-0,066	0,313
CHR8	15777741	CHR8:15777741	SSF x Near_LoA	-10,1824009	-0,058	0,310
CHR8	15777874	CHR8:15777874	SSF x Near_LoA	-12,0548462	-0,012	0,309
CHR8	15794417	CHR8:15794417	SSF x Near_LoA	-9,56512779	-0,109	0,306
CHR8	15794418	CHR8:15794418	SSF x Near_LoA	-9,18367766	0,038	0,309
CHR8	15794484	CHR8:15794484	SSF x Near_LoA	-9,90091097	0,048	0,311
CHR8	15798655	CHR8:15798655	SSF x Near_LoA	-11,1724006	0,044	0,312
CHR8	15798688	CHR8:15798688	SSF x Near_LoA	-9,24593783	-0,080	0,305
CHR8	15800684	CHR8:15800684	SSF x Near_LoA	-9,63429475	0,089	0,308
CHR8	15800738	CHR8:15800738	SSF x Near_LoA	-11,4099269	0,086	0,301
CHR8	15803301	CHR8:15803301	SSF x Near_LoA	-9,76024404	-0,069	0,311
CHR8	15806274	CHR8:15806274	SSF x Near_LoA	-10,1363066	0,017	0,311
CHR8	15810434	CHR8:15810434	SSF x Near_LoA	-9,20761691	0,042	0,311
CHR8	15824280	CHR8:15824280	SSF x Near_LoA	-8,75656871	-0,050	0,296
CHR8	15824321	CHR8:15824321	SSF x Near_LoA	-11,546415	0,036	0,305
CHR8	15824356	CHR8:15824356	SSF x Near_LoA	-10,2912528	0,037	0,317
CHR8	15824361	CHR8:15824361	SSF x Near_LoA	-7,93094527	0,004	0,304
CHR8	15824384	CHR8:15824384	SSF x Near_LoA	-7,32557051	0,081	0,312
CHR8	15824397	CHR8:15824397	SSF x Near_LoA	-8,64036138	-0,073	0,309
CHR8	15824400	CHR8:15824400	SSF x Near_LoA	-11,7315368	-0,027	0,304
CHR8	15824460	CHR8:15824460	SSF x Near_LoA	-11,0011487	0,032	0,304
CHR8	15824484	CHR8:15824484	SSF x Near_LoA	-8,98358004	-0,003	0,308
CHR8	15824505	CHR8:15824505	SSF x Near_LoA	-11,4784972	0,022	0,293
CHR8	15824520	CHR8:15824520	SSF x Near_LoA	-10,4702908	-0,029	0,314
CHR8	15824541	CHR8:15824541	SSF x Near_LoA	-9,80901758	0,014	0,293
CHR8	15834688	CHR8:15834688	SSF x Near_LoA	-11,0054062	0,090	0,308
CHR8	15834715	CHR8:15834715	SSF x Near_LoA	-9,64686351	-0,110	0,309
CHR8	15834716	CHR8:15834716	SSF x Near_LoA	-10,7847108	-0,060	0,308
CHR8	15834734	CHR8:15834734	SSF x Near_LoA	-10,7532873	0,066	0,326
CHR8	15834810	CHR8:15834810	SSF x Near_LoA	-7,40188524	-0,066	0,321
CHR8	15834812	CHR8:15834812	SSF x Near_LoA	-7,7604567	0,145	0,314
CHR8	15834900	CHR8:15834900	SSF x Near_LoA	-8,02291609	-0,054	0,315
CHR8	15834901	CHR8:15834901	SSF x Near_LoA	-9,87949895	-0,017	0,295
CHR8	15834904	CHR8:15834904	SSF x Near_LoA	-10,9404438	-0,093	0,304
CHR8	15841626	CHR8:15841626	SSF x Near_LoA	-11,3770713	0,044	0,299
CHR8	15844732	CHR8:15844732	SSF x Near_LoA	-8,99915024	-0,120	0,305
CHR8	15848549	CHR8:15848549	SSF x Near_LoA	-10,531805	0,081	0,313
CHR8	15848931	CHR8:15848931	SSF x Near_LoA	-8,5277395	0,001	0,319
CHR8	15873042	CHR8:15873042	SSF x Near_LoA	-10,8932434	-0,037	0,308
CHR8	15873181	CHR8:15873181	SSF x Near_LoA	-11,009307	0,079	0,298
CHR8	15878171	CHR8:15878171	SSF x Near_LoA	-9,38525548	-0,008	0,315
CHR8	15878205	CHR8:15878205	SSF x Near_LoA	-9,72771025	-0,043	0,314
CHR8	15878231	CHR8:15878231	SSF x Near_LoA	-10,1637011	0,027	0,316
CHR8	15878331	CHR8:15878331	SSF x Near_LoA	-10,2344318	0,072	0,309
CHR8	15878377	CHR8:15878377	SSF x Near_LoA	-6,73196993	0,085	0,306
CHR8	15881091	CHR8:15881091	SSF x Near_LoA	-3,10964669	-0,090	0,317
CHR8	15884508	CHR8:15884508	SSF x Near_LoA	-8,64613382	-0,107	0,312
CHR8	15884540	CHR8:15884540	SSF x Near_LoA	-9,82111562	0,067	0,320

CHR8	15884549	CHR8:15884549	SSF x Near_LoA	-8,87915309	0,038	0,315
CHR8	15890376	CHR8:15890376	SSF x Near_LoA	-8,45967389	0,092	0,289
CHR8	15890477	CHR8:15890477	SSF x Near_LoA	-10,4777486	0,009	0,310
CHR8	15890493	CHR8:15890493	SSF x Near_LoA	-9,66179994	0,024	0,317
CHR8	15901236	CHR8:15901236	SSF x Near_LoA	-10,8904625	-0,067	0,305
CHR8	15901257	CHR8:15901257	SSF x Near_LoA	-9,08905253	0,013	0,308
CHR8	15901263	CHR8:15901263	SSF x Near_LoA	-9,34289731	0,011	0,291
CHR8	15901279	CHR8:15901279	SSF x Near_LoA	-6,85758696	-0,105	0,299
CHR8	15901319	CHR8:15901319	SSF x Near_LoA	-10,8897784	-0,072	0,309
CHR8	15909984	CHR8:15909984	SSF x Near_LoA	-8,41044152	-0,066	0,305
CHR8	15910079	CHR8:15910079	SSF x Near_LoA	-10,9438757	-0,005	0,313
CHR8	1591452	CHR8:1591452	SSF x Near_LoA	-10,6517512	-0,020	0,315
CHR8	1591455	CHR8:1591455	SSF x Near_LoA	-9,58884809	-0,038	0,310
CHR8	15933390	CHR8:15933390	SSF x Near_LoA	-10,2228323	0,066	0,318
CHR8	15933412	CHR8:15933412	SSF x Near_LoA	-10,1095466	-0,003	0,309
CHR8	15933509	CHR8:15933509	SSF x Near_LoA	-6,51281215	-0,068	0,317
CHR8	15933654	CHR8:15933654	SSF x Near_LoA	-9,07781951	0,007	0,325
CHR8	15936827	CHR8:15936827	SSF x Near_LoA	-7,49252492	-0,007	0,327
CHR8	15939230	CHR8:15939230	SSF x Near_LoA	-8,845866	0,068	0,317
CHR8	15939254	CHR8:15939254	SSF x Near_LoA	-9,97835728	-0,021	0,295
CHR8	15939263	CHR8:15939263	SSF x Near_LoA	-7,28839403	-0,058	0,324
CHR8	15939302	CHR8:15939302	SSF x Near_LoA	-10,1386262	0,087	0,302
CHR8	15939313	CHR8:15939313	SSF x Near_LoA	-10,0073887	0,004	0,324
CHR8	15940963	CHR8:15940963	SSF x Near_LoA	-11,7315751	-0,054	0,299
CHR8	15949462	CHR8:15949462	SSF x Near_LoA	-11,4195814	-0,027	0,305
CHR8	15949531	CHR8:15949531	SSF x Near_LoA	-11,2564249	-0,001	0,301
CHR8	15985409	CHR8:15985409	SSF x Near_LoA	-8,56064949	0,001	0,307
CHR8	15985411	CHR8:15985411	SSF x Near_LoA	-4,91736239	0,009	0,300
CHR8	15985556	CHR8:15985556	SSF x Near_LoA	-8,10116685	0,089	0,316
CHR8	15985557	CHR8:15985557	SSF x Near_LoA	-7,86094707	-0,085	0,303
CHR8	15985574	CHR8:15985574	SSF x Near_LoA	-11,4784224	0,063	0,293
CHR8	15997704	CHR8:15997704	SSF x Near_LoA	-7,49464065	0,062	0,304
CHR8	15997706	CHR8:15997706	SSF x Near_LoA	-8,47457859	-0,008	0,325
CHR8	15997745	CHR8:15997745	SSF x Near_LoA	-8,36894114	-0,097	0,299
CHR8	15997747	CHR8:15997747	SSF x Near_LoA	-8,28042231	0,063	0,313
CHR8	16000637	CHR8:16000637	SSF x Near_LoA	-10,28658	0,052	0,306
CHR8	16000682	CHR8:16000682	SSF x Near_LoA	-8,39820977	-0,106	0,303
CHR8	16000684	CHR8:16000684	SSF x Near_LoA	-5,35519576	-0,066	0,306
CHR8	16000785	CHR8:16000785	SSF x Near_LoA	-11,1912292	0,016	0,306
CHR8	16005519	CHR8:16005519	SSF x Near_LoA	-11,1679394	0,071	0,301
CHR8	16012289	CHR8:16012289	SSF x Near_LoA	-9,69482769	-0,055	0,314
CHR8	16012442	CHR8:16012442	SSF x Near_LoA	-9,84228062	-0,006	0,318
CHR8	16020704	CHR8:16020704	SSF x Near_LoA	-9,29836457	-0,032	0,307
CHR8	16020845	CHR8:16020845	SSF x Near_LoA	-7,3754396	-0,107	0,296
CHR8	16020890	CHR8:16020890	SSF x Near_LoA	-4,32442696	-0,032	0,311
CHR8	16022776	CHR8:16022776	SSF x Near_LoA	-8,92069421	-0,039	0,290
CHR8	16022779	CHR8:16022779	SSF x Near_LoA	-9,52586718	-0,033	0,312
CHR8	16022790	CHR8:16022790	SSF x Near_LoA	-7,33592986	0,084	0,305
CHR8	16022874	CHR8:16022874	SSF x Near_LoA	-8,45334648	0,099	0,308
CHR8	16030373	CHR8:16030373	SSF x Near_LoA	-5,37909597	0,182	0,304
CHR8	16030475	CHR8:16030475	SSF x Near_LoA	-11,4520228	-0,027	0,313
CHR8	16030491	CHR8:16030491	SSF x Near_LoA	-9,90178999	0,147	0,289
CHR8	16041257	CHR8:16041257	SSF x Near_LoA	-9,97984369	-0,042	0,326

CHR8	16041283	CHR8:16041283	SSF x Near_LoA	-10,3358637	-0,098	0,294
CHR8	16041286	CHR8:16041286	SSF x Near_LoA	-1,55233403	-0,072	0,299
CHR8	16041335	CHR8:16041335	SSF x Near_LoA	-8,85979122	-0,091	0,319
CHR8	16042153	CHR8:16042153	SSF x Near_LoA	-8,64875052	-0,112	0,305
CHR8	16042156	CHR8:16042156	SSF x Near_LoA	-9,87397822	0,013	0,314
CHR8	16043648	CHR8:16043648	SSF x Near_LoA	-8,52302469	0,122	0,300
CHR8	16073804	CHR8:16073804	SSF x Near_LoA	-8,7928561	0,057	0,309
CHR8	16073827	CHR8:16073827	SSF x Near_LoA	-9,29913935	0,075	0,310
CHR8	16073832	CHR8:16073832	SSF x Near_LoA	-6,37178648	0,018	0,310
CHR8	16073908	CHR8:16073908	SSF x Near_LoA	-9,25520361	-0,057	0,305
CHR8	16073935	CHR8:16073935	SSF x Near_LoA	-9,11946814	-0,109	0,307
CHR8	16073984	CHR8:16073984	SSF x Near_LoA	-6,61229346	-0,021	0,314
CHR8	16079940	CHR8:16079940	SSF x Near_LoA	-11,1969345	0,013	0,319
CHR8	16080055	CHR8:16080055	SSF x Near_LoA	-8,5685174	-0,014	0,309
CHR8	16080371	CHR8:16080371	SSF x Near_LoA	-11,5298006	-0,022	0,305
CHR8	16081434	CHR8:16081434	SSF x Near_LoA	-11,9149004	0,017	0,306
CHR8	16081525	CHR8:16081525	SSF x Near_LoA	-7,79465028	0,100	0,308
CHR8	16081932	CHR8:16081932	SSF x Near_LoA	-11,6806934	-0,053	0,313
CHR8	16089380	CHR8:16089380	SSF x Near_LoA	-8,9694918	0,017	0,313
CHR8	16089398	CHR8:16089398	SSF x Near_LoA	-8,22388847	-0,047	0,307
CHR8	16155198	CHR8:16155198	SSF x Near_LoA	-9,7802427	-0,007	0,307
CHR8	16155210	CHR8:16155210	SSF x Near_LoA	-8,79744497	0,121	0,302
CHR8	16156006	CHR8:16156006	SSF x Near_LoA	-7,25177031	-0,061	0,306
CHR8	16156015	CHR8:16156015	SSF x Near_LoA	-11,3336344	0,005	0,312
CHR8	16158871	CHR8:16158871	SSF x Near_LoA	-8,41237133	0,035	0,303
CHR8	16158914	CHR8:16158914	SSF x Near_LoA	-10,1464381	0,021	0,301
CHR8	16164833	CHR8:16164833	SSF x Near_LoA	-10,5756715	-0,103	0,297
CHR8	16165051	CHR8:16165051	SSF x Near_LoA	-5,98116515	-0,214	0,298
CHR8	16176678	CHR8:16176678	SSF x Near_LoA	-9,26410521	-0,145	0,308
CHR8	16176685	CHR8:16176685	SSF x Near_LoA	-6,63078279	-0,147	0,313
CHR8	16176762	CHR8:16176762	SSF x Near_LoA	-10,5706585	-0,061	0,302
CHR8	16177532	CHR8:16177532	SSF x Near_LoA	-7,49191491	-0,117	0,315
CHR8	16177533	CHR8:16177533	SSF x Near_LoA	-9,45372093	-0,097	0,294
CHR8	16196040	CHR8:16196040	SSF x Near_LoA	-8,98717696	-0,075	0,300
CHR8	16196123	CHR8:16196123	SSF x Near_LoA	-11,2657354	-0,025	0,314
CHR8	16196134	CHR8:16196134	SSF x Near_LoA	-10,9032112	0,025	0,304
CHR8	16196167	CHR8:16196167	SSF x Near_LoA	-11,0257334	-0,002	0,320
CHR8	16207924	CHR8:16207924	SSF x Near_LoA	-9,05351518	-0,028	0,305
CHR8	16207927	CHR8:16207927	SSF x Near_LoA	-9,49740084	-0,049	0,307
CHR8	16207956	CHR8:16207956	SSF x Near_LoA	-7,04242824	-0,140	0,291
CHR8	16207974	CHR8:16207974	SSF x Near_LoA	-10,8457971	0,040	0,297
CHR8	16208074	CHR8:16208074	SSF x Near_LoA	-9,60730054	0,021	0,305
CHR8	16215528	CHR8:16215528	SSF x Near_LoA	-8,4906854	0,067	0,304
CHR8	16215582	CHR8:16215582	SSF x Near_LoA	-8,9668102	0,098	0,311
CHR8	16215605	CHR8:16215605	SSF x Near_LoA	-8,15463364	-0,092	0,303
CHR8	16215608	CHR8:16215608	SSF x Near_LoA	-7,56381222	-0,025	0,317
CHR8	16215656	CHR8:16215656	SSF x Near_LoA	-10,3512747	-0,036	0,297
CHR8	16215669	CHR8:16215669	SSF x Near_LoA	-6,44295873	0,071	0,310
CHR8	16215686	CHR8:16215686	SSF x Near_LoA	-9,1578716	-0,075	0,306
CHR8	16215707	CHR8:16215707	SSF x Near_LoA	-9,98151508	0,039	0,308
CHR8	16215783	CHR8:16215783	SSF x Near_LoA	-8,86661439	-0,107	0,307
CHR8	16215796	CHR8:16215796	SSF x Near_LoA	-11,6139888	0,033	0,310
CHR8	16215824	CHR8:16215824	SSF x Near_LoA	-9,83106311	-0,001	0,310

CHR8	16215826	CHR8:16215826	SSF x Near_LoA	-8,42298603	0,079	0,308
CHR8	16216796	CHR8:16216796	SSF x Near_LoA	-7,96189492	0,059	0,323
CHR8	16216812	CHR8:16216812	SSF x Near_LoA	-7,26737724	0,073	0,319
CHR8	16216820	CHR8:16216820	SSF x Near_LoA	-8,81603002	0,070	0,310
CHR8	16216844	CHR8:16216844	SSF x Near_LoA	-7,88705125	0,055	0,320
CHR8	16216879	CHR8:16216879	SSF x Near_LoA	-10,2110623	-0,042	0,317
CHR8	16217363	CHR8:16217363	SSF x Near_LoA	-7,07575916	0,124	0,316
CHR8	16217460	CHR8:16217460	SSF x Near_LoA	-9,66614168	0,038	0,309
CHR8	16217487	CHR8:16217487	SSF x Near_LoA	-9,77205099	0,048	0,308
CHR8	16225416	CHR8:16225416	SSF x Near_LoA	-8,12106801	-0,015	0,317
CHR8	16225446	CHR8:16225446	SSF x Near_LoA	-8,58015254	-0,054	0,313
CHR8	16225447	CHR8:16225447	SSF x Near_LoA	-9,88872419	-0,033	0,319
CHR8	16225805	CHR8:16225805	SSF x Near_LoA	-10,5285801	-0,001	0,309
CHR8	16225910	CHR8:16225910	SSF x Near_LoA	-10,1077992	-0,001	0,314
CHR8	16225936	CHR8:16225936	SSF x Near_LoA	-9,32838175	-0,063	0,328
CHR8	16229898	CHR8:16229898	SSF x Near_LoA	-10,9035745	-0,100	0,313
CHR8	16238076	CHR8:16238076	SSF x Near_LoA	-10,3371335	-0,034	0,315
CHR8	16238138	CHR8:16238138	SSF x Near_LoA	-10,4776264	-0,045	0,315
CHR8	16238160	CHR8:16238160	SSF x Near_LoA	-8,44544109	-0,053	0,309
CHR8	16238231	CHR8:16238231	SSF x Near_LoA	-10,7894779	-0,065	0,310
CHR8	16238250	CHR8:16238250	SSF x Near_LoA	-10,6278776	0,026	0,313
CHR8	16238441	CHR8:16238441	SSF x Near_LoA	-10,2691681	-0,063	0,299
CHR8	16254615	CHR8:16254615	SSF x Near_LoA	-10,9447982	0,043	0,310
CHR8	16258007	CHR8:16258007	SSF x Near_LoA	-11,2824689	0,069	0,297
CHR8	16258070	CHR8:16258070	SSF x Near_LoA	-10,9550979	-0,045	0,293
CHR8	16258101	CHR8:16258101	SSF x Near_LoA	-8,5253087	0,024	0,320
CHR8	16258105	CHR8:16258105	SSF x Near_LoA	-10,8445289	-0,006	0,314
CHR8	16258559	CHR8:16258559	SSF x Near_LoA	-5,64242509	0,038	0,316
CHR8	16284092	CHR8:16284092	SSF x Near_LoA	-8,70432958	0,125	0,302
CHR8	16306265	CHR8:16306265	SSF x Near_LoA	-11,7057017	0,038	0,317
CHR8	16306305	CHR8:16306305	SSF x Near_LoA	-8,02369338	0,154	0,299
CHR8	16306346	CHR8:16306346	SSF x Near_LoA	-6,82933467	0,065	0,309
CHR8	16316607	CHR8:16316607	SSF x Near_LoA	-10,8036524	0,068	0,312
CHR8	16316614	CHR8:16316614	SSF x Near_LoA	-11,1445461	-0,057	0,321
CHR8	16322752	CHR8:16322752	SSF x Near_LoA	-9,65823085	0,068	0,320
CHR8	16328136	CHR8:16328136	SSF x Near_LoA	-6,26600074	-0,071	0,309
CHR8	16328420	CHR8:16328420	SSF x Near_LoA	-9,87257405	-0,079	0,300
CHR8	16336952	CHR8:16336952	SSF x Near_LoA	3,15604761	-0,085	0,303
CHR8	16336960	CHR8:16336960	SSF x Near_LoA	-7,31647087	0,074	0,305
CHR8	16336963	CHR8:16336963	SSF x Near_LoA	-9,73527626	0,093	0,316
CHR8	16337207	CHR8:16337207	SSF x Near_LoA	-11,7718654	-0,072	0,299
CHR8	16342328	CHR8:16342328	SSF x Near_LoA	-9,56762985	-0,054	0,315
CHR8	16342331	CHR8:16342331	SSF x Near_LoA	-7,12204944	-0,080	0,314
CHR8	16342420	CHR8:16342420	SSF x Near_LoA	-7,30341683	-0,001	0,316
CHR8	1635118	CHR8:1635118	SSF x Near_LoA	-9,57465724	0,056	0,302
CHR8	1635146	CHR8:1635146	SSF x Near_LoA	-10,1448789	0,055	0,317
CHR8	1635217	CHR8:1635217	SSF x Near_LoA	-6,21361084	0,034	0,314
CHR8	1635309	CHR8:1635309	SSF x Near_LoA	-9,31806757	-0,035	0,314
CHR8	1636095	CHR8:1636095	SSF x Near_LoA	-9,4020575	-0,070	0,315
CHR8	1636113	CHR8:1636113	SSF x Near_LoA	-9,07622025	0,127	0,310
CHR8	1636138	CHR8:1636138	SSF x Near_LoA	-8,84690968	-0,034	0,326
CHR8	1636149	CHR8:1636149	SSF x Near_LoA	-10,1358743	-0,027	0,324
CHR8	1636201	CHR8:1636201	SSF x Near_LoA	-10,9769306	-0,089	0,306

CHR8	1636213	CHR8:1636213	SSF x Near_LoA	-8,83481262	-0,073	0,302
CHR8	1636225	CHR8:1636225	SSF x Near_LoA	-8,54638703	-0,009	0,305
CHR8	1636240	CHR8:1636240	SSF x Near_LoA	-7,99144176	-0,020	0,294
CHR8	16366126	CHR8:16366126	SSF x Near_LoA	-8,83311864	0,079	0,313
CHR8	16366469	CHR8:16366469	SSF x Near_LoA	-10,7651718	0,084	0,323
CHR8	16377297	CHR8:16377297	SSF x Near_LoA	-11,5336821	-0,055	0,304
CHR8	16377566	CHR8:16377566	SSF x Near_LoA	-8,42466517	0,051	0,311
CHR8	16377647	CHR8:16377647	SSF x Near_LoA	-10,0861758	-0,082	0,307
CHR8	16378276	CHR8:16378276	SSF x Near_LoA	-10,4414171	0,073	0,302
CHR8	16378355	CHR8:16378355	SSF x Near_LoA	-8,76810128	-0,134	0,303
CHR8	16378365	CHR8:16378365	SSF x Near_LoA	-7,37069772	0,143	0,289
CHR8	16384112	CHR8:16384112	SSF x Near_LoA	-10,6403118	-0,035	0,320
CHR8	16384133	CHR8:16384133	SSF x Near_LoA	-9,8279331	-0,080	0,293
CHR8	16384216	CHR8:16384216	SSF x Near_LoA	-7,3207484	0,091	0,300
CHR8	16384278	CHR8:16384278	SSF x Near_LoA	-11,4521701	0,073	0,308
CHR8	16393762	CHR8:16393762	SSF x Near_LoA	-10,6885118	0,003	0,307
CHR8	16393793	CHR8:16393793	SSF x Near_LoA	-8,72820409	0,148	0,295
CHR8	16393797	CHR8:16393797	SSF x Near_LoA	-11,2315334	0,081	0,292
CHR8	16393803	CHR8:16393803	SSF x Near_LoA	-10,0199177	0,111	0,301
CHR8	16393813	CHR8:16393813	SSF x Near_LoA	-8,50290116	-0,046	0,318
CHR8	16393845	CHR8:16393845	SSF x Near_LoA	-7,4065215	0,079	0,301
CHR8	16393846	CHR8:16393846	SSF x Near_LoA	-8,1372294	0,075	0,311
CHR8	16398177	CHR8:16398177	SSF x Near_LoA	-9,56344877	0,006	0,318
CHR8	16398187	CHR8:16398187	SSF x Near_LoA	-8,87948561	0,107	0,306
CHR8	16398189	CHR8:16398189	SSF x Near_LoA	-9,60198563	-0,037	0,313
CHR8	16398233	CHR8:16398233	SSF x Near_LoA	-8,44978908	0,031	0,314
CHR8	16399949	CHR8:16399949	SSF x Near_LoA	-8,06716235	-0,042	0,307
CHR8	16399971	CHR8:16399971	SSF x Near_LoA	-2,51779373	0,124	0,310
CHR8	16404189	CHR8:16404189	SSF x Near_LoA	-9,76257667	-0,037	0,297
CHR8	16404198	CHR8:16404198	SSF x Near_LoA	-2,40331009	-0,141	0,318
CHR8	16404201	CHR8:16404201	SSF x Near_LoA	-6,17035243	-0,138	0,314
CHR8	16410886	CHR8:16410886	SSF x Near_LoA	-10,7558473	-0,036	0,315
CHR8	16410932	CHR8:16410932	SSF x Near_LoA	-9,4724189	-0,103	0,307
CHR8	16411078	CHR8:16411078	SSF x Near_LoA	-10,2066717	-0,083	0,313
CHR8	16411115	CHR8:16411115	SSF x Near_LoA	-9,089188	-0,015	0,312
CHR8	16411117	CHR8:16411117	SSF x Near_LoA	-8,79732402	-0,060	0,315
CHR8	16414145	CHR8:16414145	SSF x Near_LoA	-9,1382834	0,103	0,300
CHR8	16414182	CHR8:16414182	SSF x Near_LoA	-7,98941992	0,107	0,301
CHR8	16414226	CHR8:16414226	SSF x Near_LoA	-10,4983168	0,067	0,305
CHR8	16416250	CHR8:16416250	SSF x Near_LoA	-10,3363465	-0,074	0,291
CHR8	16416256	CHR8:16416256	SSF x Near_LoA	-9,4218148	0,014	0,310
CHR8	16416290	CHR8:16416290	SSF x Near_LoA	-9,45772906	-0,079	0,301
CHR8	16416320	CHR8:16416320	SSF x Near_LoA	-10,2608146	-0,096	0,306
CHR8	16418391	CHR8:16418391	SSF x Near_LoA	-10,3913818	-0,108	0,305
CHR8	16420674	CHR8:16420674	SSF x Near_LoA	-9,23817942	-0,006	0,314
CHR8	16420675	CHR8:16420675	SSF x Near_LoA	-9,20554473	-0,087	0,304
CHR8	16423396	CHR8:16423396	SSF x Near_LoA	-8,31824394	0,040	0,296
CHR8	16423457	CHR8:16423457	SSF x Near_LoA	-7,55894661	0,110	0,304
CHR8	16423484	CHR8:16423484	SSF x Near_LoA	-9,04411177	0,030	0,305
CHR8	1643481	CHR8:1643481	SSF x Near_LoA	-10,6365203	-0,098	0,316
CHR8	1643579	CHR8:1643579	SSF x Near_LoA	-10,9145866	-0,002	0,301
CHR8	16437633	CHR8:16437633	SSF x Near_LoA	-8,51966636	0,019	0,310
CHR8	16447132	CHR8:16447132	SSF x Near_LoA	-10,853417	-0,011	0,313

CHR8	16447344	CHR8:16447344	SSF x Near_LoA	-9,15046454	0,008	0,298
CHR8	16458180	CHR8:16458180	SSF x Near_LoA	-8,45996426	0,114	0,304
CHR8	16458184	CHR8:16458184	SSF x Near_LoA	-10,695892	-0,024	0,304
CHR8	16479866	CHR8:16479866	SSF x Near_LoA	-9,29247784	-0,104	0,304
CHR8	16485223	CHR8:16485223	SSF x Near_LoA	-8,65215749	0,049	0,311
CHR8	16487322	CHR8:16487322	SSF x Near_LoA	-7,41032425	0,049	0,316
CHR8	16489723	CHR8:16489723	SSF x Near_LoA	-7,3191708	-0,126	0,298
CHR8	16494972	CHR8:16494972	SSF x Near_LoA	-10,1246079	0,048	0,302
CHR8	16494988	CHR8:16494988	SSF x Near_LoA	-11,8079046	0,034	0,309
CHR8	16495053	CHR8:16495053	SSF x Near_LoA	-10,0852735	0,098	0,309
CHR8	16495093	CHR8:16495093	SSF x Near_LoA	-7,87376286	-0,101	0,293
CHR8	16495116	CHR8:16495116	SSF x Near_LoA	-7,32653352	0,163	0,302
CHR8	16495123	CHR8:16495123	SSF x Near_LoA	-7,55157744	0,138	0,295
CHR8	16495124	CHR8:16495124	SSF x Near_LoA	-8,43941332	0,171	0,306
CHR8	16505961	CHR8:16505961	SSF x Near_LoA	-7,73745164	-0,094	0,298
CHR8	16508781	CHR8:16508781	SSF x Near_LoA	-6,84075748	-0,021	0,305
CHR8	16508796	CHR8:16508796	SSF x Near_LoA	-8,75612848	-0,045	0,298
CHR8	16520857	CHR8:16520857	SSF x Near_LoA	-8,0796223	0,033	0,319
CHR8	16520996	CHR8:16520996	SSF x Near_LoA	-10,8420434	0,113	0,295
CHR8	16547040	CHR8:16547040	SSF x Near_LoA	-7,39303305	0,051	0,323
CHR8	16547051	CHR8:16547051	SSF x Near_LoA	-8,48179129	-0,082	0,301
CHR8	16547108	CHR8:16547108	SSF x Near_LoA	-9,62876568	0,011	0,300
CHR8	16547116	CHR8:16547116	SSF x Near_LoA	-5,35987552	0,141	0,317
CHR8	16547248	CHR8:16547248	SSF x Near_LoA	-7,91828331	0,010	0,327
CHR8	16547249	CHR8:16547249	SSF x Near_LoA	-6,59879106	-0,063	0,324
CHR8	16547253	CHR8:16547253	SSF x Near_LoA	-9,21963494	0,005	0,315
CHR8	16547297	CHR8:16547297	SSF x Near_LoA	-8,41478673	-0,077	0,315
CHR8	16550341	CHR8:16550341	SSF x Near_LoA	-8,12663805	-0,013	0,301
CHR8	16550346	CHR8:16550346	SSF x Near_LoA	-11,519829	0,011	0,303
CHR8	16550353	CHR8:16550353	SSF x Near_LoA	-12,4995068	0,047	0,295
CHR8	16550393	CHR8:16550393	SSF x Near_LoA	-10,1933204	0,007	0,296
CHR8	16558378	CHR8:16558378	SSF x Near_LoA	-8,11361777	0,115	0,300
CHR8	1656258	CHR8:1656258	SSF x Near_LoA	-6,52607854	0,129	0,303
CHR8	16563985	CHR8:16563985	SSF x Near_LoA	-9,60852829	-0,025	0,319
CHR8	16564015	CHR8:16564015	SSF x Near_LoA	-9,27641689	-0,030	0,309
CHR8	16566781	CHR8:16566781	SSF x Near_LoA	-11,7259673	0,014	0,310
CHR8	16568996	CHR8:16568996	SSF x Near_LoA	-10,0986901	0,085	0,313
CHR8	16569175	CHR8:16569175	SSF x Near_LoA	-8,59218276	0,098	0,308
CHR8	16569256	CHR8:16569256	SSF x Near_LoA	-4,34950278	0,138	0,293
CHR8	16573960	CHR8:16573960	SSF x Near_LoA	-8,90896549	0,061	0,300
CHR8	16574014	CHR8:16574014	SSF x Near_LoA	-10,1421616	-0,098	0,305
CHR8	16574795	CHR8:16574795	SSF x Near_LoA	-9,996847	0,037	0,305
CHR8	16574814	CHR8:16574814	SSF x Near_LoA	-8,73259569	-0,002	0,293
CHR8	16578640	CHR8:16578640	SSF x Near_LoA	-9,18110673	-0,079	0,307
CHR8	16579321	CHR8:16579321	SSF x Near_LoA	-8,07765036	0,137	0,303
CHR8	16591562	CHR8:16591562	SSF x Near_LoA	-11,5369019	-0,046	0,291
CHR8	16591659	CHR8:16591659	SSF x Near_LoA	-6,86392291	-0,040	0,301
CHR8	16591660	CHR8:16591660	SSF x Near_LoA	-7,92807315	-0,058	0,301
CHR8	16591693	CHR8:16591693	SSF x Near_LoA	-8,03146096	-0,083	0,286
CHR8	16591696	CHR8:16591696	SSF x Near_LoA	-8,857792	-0,071	0,304
CHR8	16604669	CHR8:16604669	SSF x Near_LoA	-8,68936975	0,006	0,308
CHR8	16604672	CHR8:16604672	SSF x Near_LoA	-10,0270286	-0,089	0,303
CHR8	16604722	CHR8:16604722	SSF x Near_LoA	-9,37395446	-0,061	0,318

CHR8	16619063	CHR8:16619063	SSF x Near_LoA	-9,94721399	0,007	0,305
CHR8	16619071	CHR8:16619071	SSF x Near_LoA	-9,19720953	0,055	0,311
CHR8	16619089	CHR8:16619089	SSF x Near_LoA	-9,50182188	0,074	0,296
CHR8	16619118	CHR8:16619118	SSF x Near_LoA	-11,2518972	-0,044	0,309
CHR8	16619449	CHR8:16619449	SSF x Near_LoA	-11,5992662	0,010	0,307
CHR8	16619468	CHR8:16619468	SSF x Near_LoA	-6,3583768	0,073	0,307
CHR8	16619469	CHR8:16619469	SSF x Near_LoA	-5,92351122	0,077	0,319
CHR8	16623836	CHR8:16623836	SSF x Near_LoA	-10,0206937	-0,016	0,287
CHR8	16623839	CHR8:16623839	SSF x Near_LoA	-7,44970837	-0,145	0,315
CHR8	16623863	CHR8:16623863	SSF x Near_LoA	-8,48579446	0,090	0,313
CHR8	16623912	CHR8:16623912	SSF x Near_LoA	-8,55356337	-0,032	0,300
CHR8	16626676	CHR8:16626676	SSF x Near_LoA	-6,27835927	0,031	0,304
CHR8	16626795	CHR8:16626795	SSF x Near_LoA	-3,45734229	-0,046	0,319
CHR8	16636278	CHR8:16636278	SSF x Near_LoA	-8,57062081	-0,004	0,318
CHR8	16636329	CHR8:16636329	SSF x Near_LoA	-8,82841114	-0,022	0,315
CHR8	16636334	CHR8:16636334	SSF x Near_LoA	-8,74811102	-0,047	0,299
CHR8	16636352	CHR8:16636352	SSF x Near_LoA	-9,23962604	-0,032	0,311
CHR8	16636422	CHR8:16636422	SSF x Near_LoA	-5,2192704	-0,163	0,310
CHR8	16639247	CHR8:16639247	SSF x Near_LoA	-8,63321539	0,088	0,308
CHR8	16639313	CHR8:16639313	SSF x Near_LoA	-7,3889158	-0,012	0,319
CHR8	16641557	CHR8:16641557	SSF x Near_LoA	-9,03532909	0,071	0,301
CHR8	16641585	CHR8:16641585	SSF x Near_LoA	-9,33317161	-0,114	0,297
CHR8	16642904	CHR8:16642904	SSF x Near_LoA	-8,89141606	0,018	0,305
CHR8	16646420	CHR8:16646420	SSF x Near_LoA	-5,51373835	0,145	0,292
CHR8	16646479	CHR8:16646479	SSF x Near_LoA	-8,41192288	0,047	0,308
CHR8	16646483	CHR8:16646483	SSF x Near_LoA	-9,32467618	0,011	0,303
CHR8	16646540	CHR8:16646540	SSF x Near_LoA	-9,66178846	-0,044	0,308
CHR8	16646549	CHR8:16646549	SSF x Near_LoA	-8,55491951	-0,008	0,298
CHR8	16655643	CHR8:16655643	SSF x Near_LoA	-11,186912	-0,006	0,311
CHR8	16655719	CHR8:16655719	SSF x Near_LoA	-10,7874351	-0,012	0,314
CHR8	16655774	CHR8:16655774	SSF x Near_LoA	-6,22909233	0,067	0,314
CHR8	16655780	CHR8:16655780	SSF x Near_LoA	-11,8930262	0,009	0,309
CHR8	16658575	CHR8:16658575	SSF x Near_LoA	-3,63011206	-0,248	0,283
CHR8	16664246	CHR8:16664246	SSF x Near_LoA	-9,99391868	0,033	0,301
CHR8	16673129	CHR8:16673129	SSF x Near_LoA	-9,52866062	0,026	0,289
CHR8	16673135	CHR8:16673135	SSF x Near_LoA	-11,9245619	-0,058	0,307
CHR8	16673195	CHR8:16673195	SSF x Near_LoA	-9,76846103	-0,040	0,310
CHR8	16673198	CHR8:16673198	SSF x Near_LoA	-9,78716338	-0,104	0,313
CHR8	16673246	CHR8:16673246	SSF x Near_LoA	-9,50510125	0,009	0,292
CHR8	16673256	CHR8:16673256	SSF x Near_LoA	-9,43242688	-0,029	0,304
CHR8	16673316	CHR8:16673316	SSF x Near_LoA	-8,70665157	0,024	0,299
CHR8	16687334	CHR8:16687334	SSF x Near_LoA	-8,58093259	-0,116	0,321
CHR8	16687550	CHR8:16687550	SSF x Near_LoA	-9,7140922	0,001	0,314
CHR8	16687551	CHR8:16687551	SSF x Near_LoA	-9,66535573	0,018	0,313
CHR8	16687563	CHR8:16687563	SSF x Near_LoA	-7,38890013	-0,067	0,317
CHR8	16693575	CHR8:16693575	SSF x Near_LoA	-10,9559362	0,049	0,303
CHR8	16693633	CHR8:16693633	SSF x Near_LoA	-7,45246875	0,043	0,316
CHR8	16693671	CHR8:16693671	SSF x Near_LoA	-9,15150798	0,045	0,310
CHR8	16693696	CHR8:16693696	SSF x Near_LoA	-8,83222183	0,097	0,306
CHR8	16693735	CHR8:16693735	SSF x Near_LoA	-8,18679489	0,101	0,302
CHR8	16693793	CHR8:16693793	SSF x Near_LoA	-7,1159257	0,096	0,324
CHR8	16696342	CHR8:16696342	SSF x Near_LoA	-8,38074079	0,056	0,325
CHR8	16696461	CHR8:16696461	SSF x Near_LoA	-8,23092307	0,080	0,316

CHR8	16696484	CHR8:16696484	SSF x Near_LoA	-7,83090583	0,080	0,304
CHR8	16704073	CHR8:16704073	SSF x Near_LoA	-10,2841614	0,024	0,310
CHR8	16708868	CHR8:16708868	SSF x Near_LoA	-8,38526287	-0,007	0,312
CHR8	16708875	CHR8:16708875	SSF x Near_LoA	-8,26196467	0,058	0,310
CHR8	16709113	CHR8:16709113	SSF x Near_LoA	-7,38091581	-0,123	0,302
CHR8	16709130	CHR8:16709130	SSF x Near_LoA	-8,5207364	0,052	0,300
CHR8	16712674	CHR8:16712674	SSF x Near_LoA	-11,2569841	0,069	0,291
CHR8	16716636	CHR8:16716636	SSF x Near_LoA	-4,06930245	-0,068	0,324
CHR8	16719054	CHR8:16719054	SSF x Near_LoA	-8,66755894	0,111	0,308
CHR8	16723695	CHR8:16723695	SSF x Near_LoA	-10,697826	-0,001	0,319
CHR8	16723733	CHR8:16723733	SSF x Near_LoA	-8,14007441	0,015	0,308
CHR8	16723761	CHR8:16723761	SSF x Near_LoA	-11,1006749	-0,084	0,300
CHR8	16723762	CHR8:16723762	SSF x Near_LoA	-6,82071337	0,009	0,324
CHR8	16723801	CHR8:16723801	SSF x Near_LoA	-6,30178817	0,209	0,296
CHR8	16725639	CHR8:16725639	SSF x Near_LoA	-9,80243112	0,073	0,309
CHR8	16725703	CHR8:16725703	SSF x Near_LoA	-7,7533344	0,125	0,311
CHR8	16732324	CHR8:16732324	SSF x Near_LoA	-8,42523458	-0,108	0,309
CHR8	16732356	CHR8:16732356	SSF x Near_LoA	-9,26595449	-0,036	0,299
CHR8	16732388	CHR8:16732388	SSF x Near_LoA	-6,85182569	-0,118	0,311
CHR8	16732403	CHR8:16732403	SSF x Near_LoA	-9,5705952	-0,073	0,296
CHR8	16732420	CHR8:16732420	SSF x Near_LoA	-8,25732363	-0,071	0,305
CHR8	16732447	CHR8:16732447	SSF x Near_LoA	-8,69484007	0,104	0,291
CHR8	16732465	CHR8:16732465	SSF x Near_LoA	-9,14391169	-0,021	0,291
CHR8	1673996	CHR8:1673996	SSF x Near_LoA	-7,65041338	0,042	0,313
CHR8	16745893	CHR8:16745893	SSF x Near_LoA	-9,26367783	0,055	0,311
CHR8	16745953	CHR8:16745953	SSF x Near_LoA	-9,59128859	0,029	0,326
CHR8	16755492	CHR8:16755492	SSF x Near_LoA	-8,64831139	0,086	0,305
CHR8	16758952	CHR8:16758952	SSF x Near_LoA	0,27960179	0,180	0,266
CHR8	16759031	CHR8:16759031	SSF x Near_LoA	-8,951844	-0,080	0,310
CHR8	16759046	CHR8:16759046	SSF x Near_LoA	-4,36506736	-0,174	0,301
CHR8	16759124	CHR8:16759124	SSF x Near_LoA	-10,4615137	-0,028	0,325
CHR8	1676149	CHR8:1676149	SSF x Near_LoA	-10,3723508	-0,105	0,294
CHR8	16761538	CHR8:16761538	SSF x Near_LoA	-9,90140145	-0,062	0,313
CHR8	16761550	CHR8:16761550	SSF x Near_LoA	-6,62266548	-0,046	0,297
CHR8	1676176	CHR8:1676176	SSF x Near_LoA	-11,5220634	0,031	0,310
CHR8	16767163	CHR8:16767163	SSF x Near_LoA	-10,7002559	0,107	0,300
CHR8	16767248	CHR8:16767248	SSF x Near_LoA	-8,37855119	-0,028	0,314
CHR8	16767257	CHR8:16767257	SSF x Near_LoA	-11,6143268	0,028	0,305
CHR8	16782626	CHR8:16782626	SSF x Near_LoA	-12,0299662	-0,013	0,299
CHR8	16788971	CHR8:16788971	SSF x Near_LoA	-1,60352778	0,048	0,313
CHR8	16789057	CHR8:16789057	SSF x Near_LoA	-8,51111242	0,052	0,298
CHR8	16800850	CHR8:16800850	SSF x Near_LoA	-10,3032022	0,018	0,303
CHR8	1680471	CHR8:1680471	SSF x Near_LoA	-8,73650215	-0,011	0,309
CHR8	16824506	CHR8:16824506	SSF x Near_LoA	-10,2569009	0,003	0,310
CHR8	16830972	CHR8:16830972	SSF x Near_LoA	-7,83079244	-0,199	0,308
CHR8	16831074	CHR8:16831074	SSF x Near_LoA	-9,26819685	0,040	0,306
CHR8	16836478	CHR8:16836478	SSF x Near_LoA	-8,86936335	0,035	0,315
CHR8	16836580	CHR8:16836580	SSF x Near_LoA	-8,93221395	0,097	0,303
CHR8	16842340	CHR8:16842340	SSF x Near_LoA	-8,11157448	0,122	0,290
CHR8	16844495	CHR8:16844495	SSF x Near_LoA	-7,38897762	0,025	0,306
CHR8	16858193	CHR8:16858193	SSF x Near_LoA	-9,22711069	-0,044	0,313
CHR8	16858421	CHR8:16858421	SSF x Near_LoA	-11,2973213	0,078	0,308
CHR8	16861194	CHR8:16861194	SSF x Near_LoA	-10,7306334	0,096	0,298

CHR8	16861244	CHR8:16861244	SSF x Near_LoA	-9,89265101	0,074	0,304
CHR8	16861335	CHR8:16861335	SSF x Near_LoA	-11,3455771	-0,096	0,308
CHR8	16874822	CHR8:16874822	SSF x Near_LoA	-9,3971054	0,064	0,315
CHR8	16876721	CHR8:16876721	SSF x Near_LoA	-9,76402069	-0,027	0,304
CHR8	16876833	CHR8:16876833	SSF x Near_LoA	-11,975678	0,045	0,305
CHR8	16876875	CHR8:16876875	SSF x Near_LoA	-6,73264417	0,079	0,301
CHR8	16879794	CHR8:16879794	SSF x Near_LoA	-8,79320097	-0,043	0,319
CHR8	16879797	CHR8:16879797	SSF x Near_LoA	-9,91147647	-0,064	0,303
CHR8	16879826	CHR8:16879826	SSF x Near_LoA	-8,97190301	-0,031	0,316
CHR8	16879828	CHR8:16879828	SSF x Near_LoA	-7,79979309	-0,071	0,309
CHR8	16880406	CHR8:16880406	SSF x Near_LoA	-11,8870952	0,001	0,296
CHR8	1688207	CHR8:1688207	SSF x Near_LoA	-7,55938625	0,069	0,306
CHR8	1688228	CHR8:1688228	SSF x Near_LoA	-6,88113919	-0,054	0,299
CHR8	1688243	CHR8:1688243	SSF x Near_LoA	-8,31933541	0,032	0,307
CHR8	1688246	CHR8:1688246	SSF x Near_LoA	-8,1058164	0,021	0,323
CHR8	1688247	CHR8:1688247	SSF x Near_LoA	-8,30753585	0,032	0,324
CHR8	1688257	CHR8:1688257	SSF x Near_LoA	-9,88001104	0,064	0,306
CHR8	1688277	CHR8:1688277	SSF x Near_LoA	-9,80614581	0,007	0,313
CHR8	1688340	CHR8:1688340	SSF x Near_LoA	-9,80365929	-0,017	0,327
CHR8	16895543	CHR8:16895543	SSF x Near_LoA	-9,32037511	-0,077	0,308
CHR8	16902098	CHR8:16902098	SSF x Near_LoA	-8,3234224	-0,012	0,304
CHR8	16916882	CHR8:16916882	SSF x Near_LoA	-8,45370071	0,023	0,318
CHR8	16916896	CHR8:16916896	SSF x Near_LoA	-11,529771	-0,054	0,300
CHR8	16916897	CHR8:16916897	SSF x Near_LoA	-8,45983219	-0,085	0,321
CHR8	16917771	CHR8:16917771	SSF x Near_LoA	-8,14079658	0,053	0,320
CHR8	16917775	CHR8:16917775	SSF x Near_LoA	-8,05581544	0,043	0,295
CHR8	1692978	CHR8:1692978	SSF x Near_LoA	-5,36805636	0,152	0,295
CHR8	1692981	CHR8:1692981	SSF x Near_LoA	-9,21587691	-0,019	0,291
CHR8	1693142	CHR8:1693142	SSF x Near_LoA	-10,1363081	0,009	0,311
CHR8	1693167	CHR8:1693167	SSF x Near_LoA	-10,0236515	0,098	0,291
CHR8	16934685	CHR8:16934685	SSF x Near_LoA	-10,4471359	0,042	0,308
CHR8	16934695	CHR8:16934695	SSF x Near_LoA	-10,4966404	0,036	0,318
CHR8	16938326	CHR8:16938326	SSF x Near_LoA	-8,92364418	0,027	0,304
CHR8	16938329	CHR8:16938329	SSF x Near_LoA	-9,52643066	-0,049	0,300
CHR8	16940726	CHR8:16940726	SSF x Near_LoA	-5,2710031	-0,015	0,313
CHR8	16950088	CHR8:16950088	SSF x Near_LoA	-6,53784339	0,031	0,314
CHR8	16950157	CHR8:16950157	SSF x Near_LoA	-9,68811882	0,156	0,313
CHR8	16950169	CHR8:16950169	SSF x Near_LoA	-10,2628754	-0,123	0,306
CHR8	16950260	CHR8:16950260	SSF x Near_LoA	-4,29927034	0,175	0,304
CHR8	1695322	CHR8:1695322	SSF x Near_LoA	-8,05380114	-0,082	0,308
CHR8	1695497	CHR8:1695497	SSF x Near_LoA	-1,32963957	-0,150	0,312
CHR8	1695522	CHR8:1695522	SSF x Near_LoA	-9,10694517	-0,023	0,310
CHR8	1695572	CHR8:1695572	SSF x Near_LoA	-9,71134516	-0,024	0,292
CHR8	16964275	CHR8:16964275	SSF x Near_LoA	-9,78292777	-0,076	0,278
CHR8	16968983	CHR8:16968983	SSF x Near_LoA	-7,701384	0,006	0,320
CHR8	16977332	CHR8:16977332	SSF x Near_LoA	-8,25587686	0,063	0,315
CHR8	1698137	CHR8:1698137	SSF x Near_LoA	-9,3671517	-0,028	0,299
CHR8	16990213	CHR8:16990213	SSF x Near_LoA	-9,79818517	-0,080	0,302
CHR8	16990284	CHR8:16990284	SSF x Near_LoA	-9,44389411	-0,022	0,306
CHR8	16990307	CHR8:16990307	SSF x Near_LoA	-7,51776076	0,143	0,303
CHR8	16990353	CHR8:16990353	SSF x Near_LoA	-6,6062013	0,105	0,312
CHR8	16990354	CHR8:16990354	SSF x Near_LoA	-7,6936263	0,091	0,309
CHR8	16990365	CHR8:16990365	SSF x Near_LoA	-7,9630753	0,152	0,300

CHR8	16990366	CHR8:16990366	SSF x Near_LoA	-8,99533101	-0,033	0,304
CHR8	16990402	CHR8:16990402	SSF x Near_LoA	-6,90842649	0,150	0,306
CHR8	16990429	CHR8:16990429	SSF x Near_LoA	-5,0363457	0,171	0,310
CHR8	16990431	CHR8:16990431	SSF x Near_LoA	-11,6620628	-0,099	0,303
CHR8	16990477	CHR8:16990477	SSF x Near_LoA	-8,10486182	0,147	0,300
CHR8	1699720	CHR8:1699720	SSF x Near_LoA	-10,5356633	-0,055	0,300
CHR8	17005916	CHR8:17005916	SSF x Near_LoA	-7,02848453	-0,040	0,308
CHR8	17006088	CHR8:17006088	SSF x Near_LoA	-9,95381504	0,037	0,311
CHR8	17006207	CHR8:17006207	SSF x Near_LoA	-11,3001046	0,016	0,305
CHR8	17013618	CHR8:17013618	SSF x Near_LoA	-11,7286174	0,038	0,310
CHR8	17013625	CHR8:17013625	SSF x Near_LoA	-5,9138531	-0,020	0,304
CHR8	17016561	CHR8:17016561	SSF x Near_LoA	-9,66921764	-0,007	0,308
CHR8	17016571	CHR8:17016571	SSF x Near_LoA	-9,72036697	-0,009	0,306
CHR8	17016585	CHR8:17016585	SSF x Near_LoA	-6,14541519	0,115	0,304
CHR8	17026926	CHR8:17026926	SSF x Near_LoA	-7,80808158	-0,123	0,317
CHR8	17027159	CHR8:17027159	SSF x Near_LoA	-10,0865007	0,055	0,305
CHR8	17033310	CHR8:17033310	SSF x Near_LoA	-8,89135457	0,009	0,314
CHR8	17033333	CHR8:17033333	SSF x Near_LoA	-5,75267908	-0,174	0,304
CHR8	17033369	CHR8:17033369	SSF x Near_LoA	-9,07249831	0,062	0,316
CHR8	17033577	CHR8:17033577	SSF x Near_LoA	-9,64518724	0,129	0,298
CHR8	17033583	CHR8:17033583	SSF x Near_LoA	-10,4603042	0,067	0,298
CHR8	17051273	CHR8:17051273	SSF x Near_LoA	-8,01518054	0,112	0,319
CHR8	17051328	CHR8:17051328	SSF x Near_LoA	-8,21409863	0,006	0,324
CHR8	17060069	CHR8:17060069	SSF x Near_LoA	-3,34763187	-0,001	0,305
CHR8	17066387	CHR8:17066387	SSF x Near_LoA	-11,6415923	0,062	0,300
CHR8	17066447	CHR8:17066447	SSF x Near_LoA	-11,4104007	-0,040	0,313
CHR8	17066720	CHR8:17066720	SSF x Near_LoA	-9,09387796	-0,060	0,287
CHR8	1707974	CHR8:1707974	SSF x Near_LoA	-11,9364923	-0,031	0,307
CHR8	1708012	CHR8:1708012	SSF x Near_LoA	-7,99936691	0,080	0,316
CHR8	1708129	CHR8:1708129	SSF x Near_LoA	-7,0541479	0,013	0,313
CHR8	17127276	CHR8:17127276	SSF x Near_LoA	-5,43800542	-0,200	0,291
CHR8	17127361	CHR8:17127361	SSF x Near_LoA	-6,30114715	-0,136	0,292
CHR8	17127383	CHR8:17127383	SSF x Near_LoA	-4,67458637	0,112	0,301
CHR8	17131847	CHR8:17131847	SSF x Near_LoA	-8,18005007	0,046	0,301
CHR8	17131883	CHR8:17131883	SSF x Near_LoA	-8,55672661	-0,074	0,324
CHR8	17131898	CHR8:17131898	SSF x Near_LoA	-6,28398214	-0,083	0,311
CHR8	17131919	CHR8:17131919	SSF x Near_LoA	-10,4530472	-0,024	0,318
CHR8	17141359	CHR8:17141359	SSF x Near_LoA	-8,09717323	0,094	0,306
CHR8	17141406	CHR8:17141406	SSF x Near_LoA	-6,98638407	0,041	0,307
CHR8	17143144	CHR8:17143144	SSF x Near_LoA	-10,9902123	0,021	0,295
CHR8	17143195	CHR8:17143195	SSF x Near_LoA	-10,3289442	0,060	0,317
CHR8	17153079	CHR8:17153079	SSF x Near_LoA	-10,8723572	0,048	0,315
CHR8	17153251	CHR8:17153251	SSF x Near_LoA	-8,26024005	0,102	0,302
CHR8	17153255	CHR8:17153255	SSF x Near_LoA	-7,76983611	-0,059	0,303
CHR8	17171359	CHR8:17171359	SSF x Near_LoA	-5,58131222	-0,226	0,295
CHR8	17171766	CHR8:17171766	SSF x Near_LoA	-7,95377195	0,096	0,320
CHR8	17172995	CHR8:17172995	SSF x Near_LoA	-9,38926165	-0,070	0,309
CHR8	17183768	CHR8:17183768	SSF x Near_LoA	-8,91155178	-0,039	0,301
CHR8	17183829	CHR8:17183829	SSF x Near_LoA	-10,5620469	0,027	0,303
CHR8	17183925	CHR8:17183925	SSF x Near_LoA	-9,2804811	-0,002	0,301
CHR8	17183931	CHR8:17183931	SSF x Near_LoA	-8,52516801	0,096	0,297
CHR8	17186123	CHR8:17186123	SSF x Near_LoA	-11,3892197	-0,005	0,313
CHR8	17186139	CHR8:17186139	SSF x Near_LoA	-8,82405899	0,118	0,309

CHR8	17187145	CHR8:17187145	SSF x Near_LoA	-6,59757532	0,092	0,316
CHR8	1719996	CHR8:1719996	SSF x Near_LoA	-6,70392486	0,042	0,322
CHR8	17201320	CHR8:17201320	SSF x Near_LoA	-2,06234836	0,001	0,316
CHR8	17208992	CHR8:17208992	SSF x Near_LoA	-8,12795417	0,018	0,310
CHR8	17238066	CHR8:17238066	SSF x Near_LoA	-11,4666349	-0,062	0,303
CHR8	17253923	CHR8:17253923	SSF x Near_LoA	-10,3537758	-0,066	0,310
CHR8	17253933	CHR8:17253933	SSF x Near_LoA	-9,31401726	-0,069	0,313
CHR8	17253934	CHR8:17253934	SSF x Near_LoA	-10,7041155	-0,074	0,310
CHR8	17253935	CHR8:17253935	SSF x Near_LoA	-10,2157116	-0,066	0,292
CHR8	17253959	CHR8:17253959	SSF x Near_LoA	-11,2180294	-0,046	0,308
CHR8	17256513	CHR8:17256513	SSF x Near_LoA	-9,06844244	0,043	0,316
CHR8	17267126	CHR8:17267126	SSF x Near_LoA	-8,71568522	0,035	0,295
CHR8	17271904	CHR8:17271904	SSF x Near_LoA	-3,92450978	0,092	0,304
CHR8	17271945	CHR8:17271945	SSF x Near_LoA	-10,8678312	-0,057	0,325
CHR8	17273259	CHR8:17273259	SSF x Near_LoA	-6,152241	0,126	0,300
CHR8	17273285	CHR8:17273285	SSF x Near_LoA	-5,60154612	0,011	0,308
CHR8	17274018	CHR8:17274018	SSF x Near_LoA	-10,6494944	0,040	0,309
CHR8	17274024	CHR8:17274024	SSF x Near_LoA	-6,10336664	-0,070	0,307
CHR8	17281387	CHR8:17281387	SSF x Near_LoA	-8,35123065	-0,086	0,307
CHR8	17281392	CHR8:17281392	SSF x Near_LoA	-9,57508967	-0,073	0,300
CHR8	17281411	CHR8:17281411	SSF x Near_LoA	-7,32718382	-0,114	0,315
CHR8	17281714	CHR8:17281714	SSF x Near_LoA	-12,006018	-0,009	0,312
CHR8	17285583	CHR8:17285583	SSF x Near_LoA	-11,6991086	-0,020	0,314
CHR8	17291773	CHR8:17291773	SSF x Near_LoA	-9,5414243	-0,059	0,306
CHR8	1729222	CHR8:1729222	SSF x Near_LoA	-8,37569724	0,039	0,297
CHR8	1729273	CHR8:1729273	SSF x Near_LoA	-7,76377058	-0,046	0,302
CHR8	1729291	CHR8:1729291	SSF x Near_LoA	-11,9681078	-0,013	0,316
CHR8	1729299	CHR8:1729299	SSF x Near_LoA	-8,64221263	-0,041	0,314
CHR8	17297170	CHR8:17297170	SSF x Near_LoA	-9,01403626	-0,001	0,309
CHR8	17297190	CHR8:17297190	SSF x Near_LoA	-8,03469821	0,075	0,305
CHR8	17297267	CHR8:17297267	SSF x Near_LoA	-10,7053969	-0,077	0,316
CHR8	17297281	CHR8:17297281	SSF x Near_LoA	-8,40808293	0,038	0,295
CHR8	17297309	CHR8:17297309	SSF x Near_LoA	-9,6070584	0,009	0,307
CHR8	17297325	CHR8:17297325	SSF x Near_LoA	-6,01126295	0,144	0,307
CHR8	17297373	CHR8:17297373	SSF x Near_LoA	-9,20118325	0,018	0,297
CHR8	17310773	CHR8:17310773	SSF x Near_LoA	-8,06115248	0,089	0,312
CHR8	17310839	CHR8:17310839	SSF x Near_LoA	-9,93524138	0,129	0,300
CHR8	17310850	CHR8:17310850	SSF x Near_LoA	-5,6088558	0,131	0,300
CHR8	17310907	CHR8:17310907	SSF x Near_LoA	-10,8988153	-0,037	0,317
CHR8	17311425	CHR8:17311425	SSF x Near_LoA	-9,87702935	-0,069	0,303
CHR8	17313792	CHR8:17313792	SSF x Near_LoA	-4,6324522	-0,161	0,287
CHR8	17321493	CHR8:17321493	SSF x Near_LoA	-10,4254458	-0,050	0,311
CHR8	17321505	CHR8:17321505	SSF x Near_LoA	-4,54934492	0,017	0,314
CHR8	17326197	CHR8:17326197	SSF x Near_LoA	-7,56803837	0,067	0,311
CHR8	17326232	CHR8:17326232	SSF x Near_LoA	-10,9390646	-0,109	0,311
CHR8	17326243	CHR8:17326243	SSF x Near_LoA	-8,00014684	-0,085	0,304
CHR8	17326268	CHR8:17326268	SSF x Near_LoA	-10,1020619	-0,016	0,307
CHR8	17333540	CHR8:17333540	SSF x Near_LoA	-9,36116245	-0,048	0,298
CHR8	17333550	CHR8:17333550	SSF x Near_LoA	-7,42159012	0,022	0,311
CHR8	17333562	CHR8:17333562	SSF x Near_LoA	-10,3865336	-0,025	0,309
CHR8	17333565	CHR8:17333565	SSF x Near_LoA	-10,8951458	-0,004	0,294
CHR8	17338525	CHR8:17338525	SSF x Near_LoA	-7,83764339	-0,106	0,319
CHR8	17338533	CHR8:17338533	SSF x Near_LoA	-9,58718464	-0,058	0,318

CHR8	17338542	CHR8:17338542	SSF x Near_LoA	-10,7057151	0,085	0,304
CHR8	17338562	CHR8:17338562	SSF x Near_LoA	-8,28344293	0,097	0,312
CHR8	17338618	CHR8:17338618	SSF x Near_LoA	-9,98074947	0,012	0,306
CHR8	17338624	CHR8:17338624	SSF x Near_LoA	-10,030849	-0,027	0,307
CHR8	17338625	CHR8:17338625	SSF x Near_LoA	-10,0235885	-0,072	0,312
CHR8	17339250	CHR8:17339250	SSF x Near_LoA	-7,1372492	0,116	0,301
CHR8	17348285	CHR8:17348285	SSF x Near_LoA	-10,712661	0,084	0,308
CHR8	17348312	CHR8:17348312	SSF x Near_LoA	-10,4407867	0,063	0,301
CHR8	17350999	CHR8:17350999	SSF x Near_LoA	-4,46158818	-0,134	0,297
CHR8	17351091	CHR8:17351091	SSF x Near_LoA	-10,0708464	-0,068	0,312
CHR8	17351186	CHR8:17351186	SSF x Near_LoA	-8,24381207	0,098	0,317
CHR8	17351228	CHR8:17351228	SSF x Near_LoA	-7,8918669	0,087	0,308
CHR8	17361526	CHR8:17361526	SSF x Near_LoA	-8,41738538	0,017	0,298
CHR8	17361628	CHR8:17361628	SSF x Near_LoA	-7,53675859	0,105	0,310
CHR8	17364886	CHR8:17364886	SSF x Near_LoA	-8,58025668	-0,094	0,316
CHR8	1738242	CHR8:1738242	SSF x Near_LoA	-7,51236497	0,213	0,289
CHR8	1738311	CHR8:1738311	SSF x Near_LoA	-6,36697046	0,113	0,313
CHR8	1738329	CHR8:1738329	SSF x Near_LoA	-9,50944815	-0,055	0,305
CHR8	1738391	CHR8:1738391	SSF x Near_LoA	-8,80274857	0,104	0,308
CHR8	17389890	CHR8:17389890	SSF x Near_LoA	-7,62826756	-0,114	0,297
CHR8	17389895	CHR8:17389895	SSF x Near_LoA	2,120423	-0,183	0,300
CHR8	17390015	CHR8:17390015	SSF x Near_LoA	-5,56666919	-0,193	0,293
CHR8	17396761	CHR8:17396761	SSF x Near_LoA	-8,49345053	-0,024	0,310
CHR8	17396804	CHR8:17396804	SSF x Near_LoA	-9,22402367	-0,010	0,313
CHR8	17424148	CHR8:17424148	SSF x Near_LoA	-8,49759729	0,070	0,307
CHR8	17424205	CHR8:17424205	SSF x Near_LoA	-6,78727298	-0,180	0,303
CHR8	17424304	CHR8:17424304	SSF x Near_LoA	-10,0764715	0,100	0,304
CHR8	17424305	CHR8:17424305	SSF x Near_LoA	-9,17566688	0,089	0,306
CHR8	17434352	CHR8:17434352	SSF x Near_LoA	-9,96047058	-0,054	0,306
CHR8	17434385	CHR8:17434385	SSF x Near_LoA	-11,0181678	-0,021	0,310
CHR8	17444403	CHR8:17444403	SSF x Near_LoA	-9,59318152	0,076	0,307
CHR8	17449370	CHR8:17449370	SSF x Near_LoA	-8,48211397	-0,003	0,315
CHR8	17449480	CHR8:17449480	SSF x Near_LoA	-9,91323878	0,050	0,309
CHR8	17449525	CHR8:17449525	SSF x Near_LoA	-9,76557536	0,055	0,288
CHR8	17451816	CHR8:17451816	SSF x Near_LoA	-5,75610526	-0,136	0,312
CHR8	17452652	CHR8:17452652	SSF x Near_LoA	-7,8765715	0,033	0,302
CHR8	17455633	CHR8:17455633	SSF x Near_LoA	-7,86017163	-0,065	0,302
CHR8	17455682	CHR8:17455682	SSF x Near_LoA	-11,1032794	-0,038	0,301
CHR8	17455685	CHR8:17455685	SSF x Near_LoA	-7,93314311	-0,045	0,310
CHR8	17458765	CHR8:17458765	SSF x Near_LoA	-9,82694694	-0,048	0,308
CHR8	17466983	CHR8:17466983	SSF x Near_LoA	-9,66504251	-0,033	0,308
CHR8	17467000	CHR8:17467000	SSF x Near_LoA	-9,15640579	-0,046	0,307
CHR8	17467045	CHR8:17467045	SSF x Near_LoA	-8,9044213	-0,019	0,301
CHR8	17470357	CHR8:17470357	SSF x Near_LoA	-10,1077773	0,143	0,293
CHR8	17470395	CHR8:17470395	SSF x Near_LoA	-9,68799056	0,017	0,283
CHR8	1747086	CHR8:1747086	SSF x Near_LoA	-8,88948942	0,039	0,301
CHR8	1747183	CHR8:1747183	SSF x Near_LoA	-4,66301539	0,144	0,292
CHR8	17475837	CHR8:17475837	SSF x Near_LoA	-9,39730038	-0,024	0,307
CHR8	17475848	CHR8:17475848	SSF x Near_LoA	-7,29919984	0,007	0,300
CHR8	17475852	CHR8:17475852	SSF x Near_LoA	-9,90760394	-0,022	0,307
CHR8	17475913	CHR8:17475913	SSF x Near_LoA	-10,2292967	-0,001	0,310
CHR8	17475954	CHR8:17475954	SSF x Near_LoA	-8,63829729	0,024	0,303
CHR8	17478391	CHR8:17478391	SSF x Near_LoA	-10,6661185	-0,125	0,311

CHR8	17478392	CHR8:17478392	SSF x Near_LoA	-6,0859403	0,160	0,300
CHR8	17478398	CHR8:17478398	SSF x Near_LoA	-8,61736488	0,092	0,329
CHR8	17478459	CHR8:17478459	SSF x Near_LoA	-10,7040304	0,001	0,309
CHR8	17478466	CHR8:17478466	SSF x Near_LoA	-10,8974739	-0,010	0,299
CHR8	17478532	CHR8:17478532	SSF x Near_LoA	-8,79233795	0,073	0,309
CHR8	17488312	CHR8:17488312	SSF x Near_LoA	-9,93422738	-0,133	0,307
CHR8	17488472	CHR8:17488472	SSF x Near_LoA	-9,07513737	-0,041	0,310
CHR8	17488547	CHR8:17488547	SSF x Near_LoA	-10,1035224	0,002	0,308
CHR8	17494190	CHR8:17494190	SSF x Near_LoA	-6,63368624	-0,214	0,291
CHR8	17494230	CHR8:17494230	SSF x Near_LoA	-8,7632389	-0,115	0,296
CHR8	17497635	CHR8:17497635	SSF x Near_LoA	-9,80467906	-0,052	0,312
CHR8	17497654	CHR8:17497654	SSF x Near_LoA	-9,15911533	-0,082	0,292
CHR8	17497754	CHR8:17497754	SSF x Near_LoA	-8,03568574	-0,056	0,296
CHR8	17499695	CHR8:17499695	SSF x Near_LoA	-10,9846086	0,022	0,294
CHR8	17499709	CHR8:17499709	SSF x Near_LoA	-8,94227703	-0,076	0,304
CHR8	17502000	CHR8:17502000	SSF x Near_LoA	-9,22379239	-0,033	0,291
CHR8	17505001	CHR8:17505001	SSF x Near_LoA	-8,4150014	-0,028	0,310
CHR8	17505016	CHR8:17505016	SSF x Near_LoA	-10,4754448	-0,015	0,311
CHR8	17505030	CHR8:17505030	SSF x Near_LoA	-9,44393548	-0,075	0,317
CHR8	17505175	CHR8:17505175	SSF x Near_LoA	-9,14950154	-0,018	0,292
CHR8	17505228	CHR8:17505228	SSF x Near_LoA	-8,07235409	-0,049	0,312
CHR8	1753502	CHR8:1753502	SSF x Near_LoA	-6,6167688	0,068	0,313
CHR8	1753548	CHR8:1753548	SSF x Near_LoA	-8,43665011	0,064	0,307
CHR8	1753562	CHR8:1753562	SSF x Near_LoA	-10,5854793	-0,102	0,288
CHR8	1753593	CHR8:1753593	SSF x Near_LoA	-8,18798534	-0,095	0,302
CHR8	1753632	CHR8:1753632	SSF x Near_LoA	-8,72380995	0,059	0,319
CHR8	1753642	CHR8:1753642	SSF x Near_LoA	-8,74375568	0,161	0,289
CHR8	1753669	CHR8:1753669	SSF x Near_LoA	-7,08992968	0,141	0,303
CHR8	1753709	CHR8:1753709	SSF x Near_LoA	-9,49351332	-0,025	0,306
CHR8	17562998	CHR8:17562998	SSF x Near_LoA	-9,35741669	-0,009	0,316
CHR8	17563008	CHR8:17563008	SSF x Near_LoA	-8,17427244	0,054	0,302
CHR8	17564469	CHR8:17564469	SSF x Near_LoA	-9,46095966	-0,015	0,294
CHR8	17564483	CHR8:17564483	SSF x Near_LoA	-8,36992248	-0,118	0,305
CHR8	17572001	CHR8:17572001	SSF x Near_LoA	-2,1989737	-0,171	0,291
CHR8	17572028	CHR8:17572028	SSF x Near_LoA	-8,43105337	-0,082	0,314
CHR8	17584634	CHR8:17584634	SSF x Near_LoA	-10,2291767	0,036	0,301
CHR8	17584920	CHR8:17584920	SSF x Near_LoA	-6,84153438	0,037	0,311
CHR8	17601948	CHR8:17601948	SSF x Near_LoA	-11,6302824	0,030	0,301
CHR8	17607862	CHR8:17607862	SSF x Near_LoA	-11,6687313	-0,068	0,304
CHR8	17607956	CHR8:17607956	SSF x Near_LoA	-10,9065882	-0,126	0,304
CHR8	17607971	CHR8:17607971	SSF x Near_LoA	-9,1272259	0,008	0,319
CHR8	17611873	CHR8:17611873	SSF x Near_LoA	-9,51373145	-0,058	0,313
CHR8	1761736	CHR8:1761736	SSF x Near_LoA	-9,73741233	-0,065	0,299
CHR8	17625781	CHR8:17625781	SSF x Near_LoA	-7,5542261	-0,001	0,311
CHR8	17625812	CHR8:17625812	SSF x Near_LoA	-8,14467744	-0,055	0,320
CHR8	17625854	CHR8:17625854	SSF x Near_LoA	-9,91210468	0,059	0,312
CHR8	17625867	CHR8:17625867	SSF x Near_LoA	-9,62797593	-0,072	0,296
CHR8	17625874	CHR8:17625874	SSF x Near_LoA	-10,9114846	0,011	0,305
CHR8	17625929	CHR8:17625929	SSF x Near_LoA	-10,3000514	0,080	0,311
CHR8	17629721	CHR8:17629721	SSF x Near_LoA	-6,55348163	0,046	0,313
CHR8	17629861	CHR8:17629861	SSF x Near_LoA	-7,01711884	0,126	0,300
CHR8	17652155	CHR8:17652155	SSF x Near_LoA	-7,8189842	-0,003	0,312
CHR8	17655549	CHR8:17655549	SSF x Near_LoA	-10,098127	-0,076	0,314

CHR8	17658062	CHR8:17658062	SSF x Near_LoA	-4,69050744	-0,048	0,324
CHR8	17658083	CHR8:17658083	SSF x Near_LoA	-8,2299758	-0,019	0,315
CHR8	17658246	CHR8:17658246	SSF x Near_LoA	-9,89775503	-0,049	0,289
CHR8	17668751	CHR8:17668751	SSF x Near_LoA	-10,9149833	-0,024	0,310
CHR8	17669631	CHR8:17669631	SSF x Near_LoA	-8,26679159	-0,032	0,315
CHR8	17669723	CHR8:17669723	SSF x Near_LoA	-8,48593248	0,003	0,310
CHR8	1768589	CHR8:1768589	SSF x Near_LoA	-8,21025878	0,073	0,299
CHR8	1768610	CHR8:1768610	SSF x Near_LoA	-10,2564667	0,053	0,297
CHR8	1768626	CHR8:1768626	SSF x Near_LoA	-8,76311817	0,081	0,295
CHR8	1768646	CHR8:1768646	SSF x Near_LoA	-8,54458853	-0,053	0,313
CHR8	1768648	CHR8:1768648	SSF x Near_LoA	-9,5293363	0,011	0,320
CHR8	1769060	CHR8:1769060	SSF x Near_LoA	-12,0671059	0,037	0,292
CHR8	1769119	CHR8:1769119	SSF x Near_LoA	-11,2545697	0,066	0,310
CHR8	17691929	CHR8:17691929	SSF x Near_LoA	-10,0076352	-0,046	0,302
CHR8	17692053	CHR8:17692053	SSF x Near_LoA	-10,0879532	0,008	0,298
CHR8	17693117	CHR8:17693117	SSF x Near_LoA	-9,0871993	-0,026	0,299
CHR8	17695023	CHR8:17695023	SSF x Near_LoA	-5,0405995	0,138	0,302
CHR8	17695240	CHR8:17695240	SSF x Near_LoA	-9,37985892	0,033	0,311
CHR8	17695276	CHR8:17695276	SSF x Near_LoA	-9,0107142	0,017	0,306
CHR8	17697870	CHR8:17697870	SSF x Near_LoA	-8,28966873	-0,072	0,310
CHR8	17698740	CHR8:17698740	SSF x Near_LoA	-6,99452038	-0,023	0,331
CHR8	17706894	CHR8:17706894	SSF x Near_LoA	-7,28755781	0,150	0,313
CHR8	17713398	CHR8:17713398	SSF x Near_LoA	-8,4635326	-0,037	0,314
CHR8	17735420	CHR8:17735420	SSF x Near_LoA	-9,20793726	-0,017	0,312
CHR8	17735427	CHR8:17735427	SSF x Near_LoA	-9,50795028	-0,083	0,319
CHR8	17735506	CHR8:17735506	SSF x Near_LoA	-10,5380803	-0,122	0,291
CHR8	17745549	CHR8:17745549	SSF x Near_LoA	-9,13309863	-0,054	0,308
CHR8	17745567	CHR8:17745567	SSF x Near_LoA	-9,7449392	0,018	0,292
CHR8	17745607	CHR8:17745607	SSF x Near_LoA	-9,82480451	-0,093	0,294
CHR8	17745641	CHR8:17745641	SSF x Near_LoA	-10,602389	-0,113	0,307
CHR8	17760730	CHR8:17760730	SSF x Near_LoA	-10,798868	-0,002	0,301
CHR8	17762394	CHR8:17762394	SSF x Near_LoA	-8,78377091	0,035	0,312
CHR8	17765964	CHR8:17765964	SSF x Near_LoA	-8,39182947	0,044	0,325
CHR8	177731	CHR8:177731	SSF x Near_LoA	-6,9084589	-0,095	0,314
CHR8	1777417	CHR8:1777417	SSF x Near_LoA	-8,6793824	-0,048	0,319
CHR8	1777450	CHR8:1777450	SSF x Near_LoA	-10,0101124	0,003	0,317
CHR8	17786514	CHR8:17786514	SSF x Near_LoA	-8,33566356	0,129	0,288
CHR8	17786571	CHR8:17786571	SSF x Near_LoA	-11,2424965	0,088	0,306
CHR8	17795009	CHR8:17795009	SSF x Near_LoA	-9,84106173	0,028	0,301
CHR8	17798899	CHR8:17798899	SSF x Near_LoA	-10,9948914	0,061	0,312
CHR8	17823250	CHR8:17823250	SSF x Near_LoA	-8,73727265	0,008	0,311
CHR8	17829872	CHR8:17829872	SSF x Near_LoA	-8,83432931	-0,096	0,307
CHR8	17829902	CHR8:17829902	SSF x Near_LoA	-5,00319335	0,011	0,302
CHR8	17829921	CHR8:17829921	SSF x Near_LoA	-10,2839338	0,002	0,303
CHR8	17829942	CHR8:17829942	SSF x Near_LoA	-0,10073127	-0,004	0,313
CHR8	17829978	CHR8:17829978	SSF x Near_LoA	-11,1956865	0,003	0,315
CHR8	17830026	CHR8:17830026	SSF x Near_LoA	-9,8713528	0,071	0,312
CHR8	17830085	CHR8:17830085	SSF x Near_LoA	-10,0865898	-0,109	0,309
CHR8	17831902	CHR8:17831902	SSF x Near_LoA	-9,93238216	0,004	0,298
CHR8	17831920	CHR8:17831920	SSF x Near_LoA	-4,82275274	-0,029	0,313
CHR8	1783735	CHR8:1783735	SSF x Near_LoA	-10,6463553	-0,083	0,297
CHR8	17837534	CHR8:17837534	SSF x Near_LoA	-10,1109489	0,058	0,305
CHR8	1783768	CHR8:1783768	SSF x Near_LoA	-8,95975645	0,063	0,314

CHR8	1783789	CHR8:1783789	SSF x Near_LoA	-6,16458361	0,126	0,302
CHR8	1783798	CHR8:1783798	SSF x Near_LoA	-9,1967832	0,016	0,314
CHR8	17838554	CHR8:17838554	SSF x Near_LoA	-4,8010999	-0,130	0,296
CHR8	17847040	CHR8:17847040	SSF x Near_LoA	-10,2106227	-0,011	0,321
CHR8	17851163	CHR8:17851163	SSF x Near_LoA	-9,62427058	-0,025	0,311
CHR8	17852644	CHR8:17852644	SSF x Near_LoA	-11,6519381	-0,008	0,298
CHR8	17884731	CHR8:17884731	SSF x Near_LoA	-10,4593436	0,030	0,313
CHR8	17884792	CHR8:17884792	SSF x Near_LoA	-6,17429708	-0,235	0,296
CHR8	17884886	CHR8:17884886	SSF x Near_LoA	-9,44761862	-0,069	0,315
CHR8	17903392	CHR8:17903392	SSF x Near_LoA	-12,0612835	0,016	0,307
CHR8	17912990	CHR8:17912990	SSF x Near_LoA	-10,1893584	-0,047	0,308
CHR8	17913036	CHR8:17913036	SSF x Near_LoA	-9,08224315	-0,071	0,296
CHR8	17913141	CHR8:17913141	SSF x Near_LoA	-3,07578487	0,083	0,312
CHR8	17922391	CHR8:17922391	SSF x Near_LoA	-9,79193324	0,067	0,305
CHR8	17922440	CHR8:17922440	SSF x Near_LoA	-10,8676352	0,030	0,315
CHR8	17922611	CHR8:17922611	SSF x Near_LoA	-10,0910488	0,072	0,308
CHR8	17926102	CHR8:17926102	SSF x Near_LoA	-9,26551983	0,121	0,291
CHR8	17926104	CHR8:17926104	SSF x Near_LoA	-10,0152179	0,126	0,289
CHR8	17939634	CHR8:17939634	SSF x Near_LoA	-9,43796814	0,116	0,307
CHR8	17939635	CHR8:17939635	SSF x Near_LoA	-8,49090283	0,009	0,297
CHR8	17939705	CHR8:17939705	SSF x Near_LoA	-8,62642403	-0,073	0,314
CHR8	17939741	CHR8:17939741	SSF x Near_LoA	-10,27147	-0,114	0,313
CHR8	17939749	CHR8:17939749	SSF x Near_LoA	-11,0157537	-0,008	0,308
CHR8	17942075	CHR8:17942075	SSF x Near_LoA	-11,6495955	-0,047	0,310
CHR8	17943949	CHR8:17943949	SSF x Near_LoA	-7,88912864	0,024	0,322
CHR8	17943957	CHR8:17943957	SSF x Near_LoA	-8,98426632	-0,040	0,309
CHR8	17956724	CHR8:17956724	SSF x Near_LoA	-7,22283393	-0,097	0,292
CHR8	17956727	CHR8:17956727	SSF x Near_LoA	-5,76872452	-0,095	0,304
CHR8	17956768	CHR8:17956768	SSF x Near_LoA	-9,12850327	-0,106	0,318
CHR8	17956776	CHR8:17956776	SSF x Near_LoA	-8,64790502	0,074	0,299
CHR8	17956809	CHR8:17956809	SSF x Near_LoA	-8,23238096	0,031	0,302
CHR8	17962147	CHR8:17962147	SSF x Near_LoA	-8,99511673	-0,017	0,321
CHR8	17962255	CHR8:17962255	SSF x Near_LoA	-9,30375119	-0,039	0,321
CHR8	17975338	CHR8:17975338	SSF x Near_LoA	-7,18535533	0,034	0,320
CHR8	17975560	CHR8:17975560	SSF x Near_LoA	-9,64280874	-0,040	0,319
CHR8	17983929	CHR8:17983929	SSF x Near_LoA	-11,0339224	0,087	0,326
CHR8	17983944	CHR8:17983944	SSF x Near_LoA	-9,9850599	-0,007	0,313
CHR8	17983953	CHR8:17983953	SSF x Near_LoA	-8,79392321	0,063	0,295
CHR8	17983962	CHR8:17983962	SSF x Near_LoA	-11,6056336	0,035	0,305
CHR8	17986934	CHR8:17986934	SSF x Near_LoA	-7,80995354	-0,092	0,303
CHR8	17986975	CHR8:17986975	SSF x Near_LoA	-11,3726478	-0,057	0,302
CHR8	17987129	CHR8:17987129	SSF x Near_LoA	-9,63946641	-0,096	0,292
CHR8	1799491	CHR8:1799491	SSF x Near_LoA	-10,1635178	-0,040	0,322
CHR8	18003591	CHR8:18003591	SSF x Near_LoA	-8,89739447	0,060	0,308
CHR8	18004976	CHR8:18004976	SSF x Near_LoA	-7,72114	0,157	0,295
CHR8	18004991	CHR8:18004991	SSF x Near_LoA	-9,56773556	0,004	0,313
CHR8	18007939	CHR8:18007939	SSF x Near_LoA	-8,29347019	0,103	0,296
CHR8	18007985	CHR8:18007985	SSF x Near_LoA	-7,85474052	0,093	0,301
CHR8	18007991	CHR8:18007991	SSF x Near_LoA	-9,26674657	0,032	0,303
CHR8	18008012	CHR8:18008012	SSF x Near_LoA	-9,4365315	0,034	0,316
CHR8	18008076	CHR8:18008076	SSF x Near_LoA	-8,98077596	-0,090	0,309
CHR8	18012022	CHR8:18012022	SSF x Near_LoA	-9,05846526	0,016	0,302
CHR8	18023663	CHR8:18023663	SSF x Near_LoA	-9,80215589	0,051	0,313

CHR8	18023666	CHR8:18023666	SSF x Near_LoA	-11,6495636	0,095	0,299
CHR8	18023819	CHR8:18023819	SSF x Near_LoA	-10,2581759	0,044	0,301
CHR8	18027473	CHR8:18027473	SSF x Near_LoA	-7,37797596	0,191	0,286
CHR8	18027539	CHR8:18027539	SSF x Near_LoA	-5,61970209	-0,105	0,300
CHR8	18027648	CHR8:18027648	SSF x Near_LoA	-10,231735	0,095	0,309
CHR8	18031423	CHR8:18031423	SSF x Near_LoA	-11,2174718	-0,048	0,292
CHR8	18031614	CHR8:18031614	SSF x Near_LoA	-8,90104698	-0,035	0,310
CHR8	18037632	CHR8:18037632	SSF x Near_LoA	-8,69375218	0,026	0,302
CHR8	18037657	CHR8:18037657	SSF x Near_LoA	-10,0488531	0,028	0,316
CHR8	18038874	CHR8:18038874	SSF x Near_LoA	-10,2925081	0,054	0,305
CHR8	18038880	CHR8:18038880	SSF x Near_LoA	-8,97495956	0,024	0,305
CHR8	18038907	CHR8:18038907	SSF x Near_LoA	-10,557243	0,038	0,316
CHR8	1804768	CHR8:1804768	SSF x Near_LoA	-11,7889903	0,032	0,301
CHR8	18049690	CHR8:18049690	SSF x Near_LoA	-7,54360424	-0,130	0,291
CHR8	18049740	CHR8:18049740	SSF x Near_LoA	-8,21896149	0,034	0,298
CHR8	1804982	CHR8:1804982	SSF x Near_LoA	-9,65588213	0,137	0,299
CHR8	1805058	CHR8:1805058	SSF x Near_LoA	-9,09636881	0,026	0,312
CHR8	1805072	CHR8:1805072	SSF x Near_LoA	-10,8543788	-0,088	0,307
CHR8	1805073	CHR8:1805073	SSF x Near_LoA	-9,77392447	0,007	0,308
CHR8	1805170	CHR8:1805170	SSF x Near_LoA	-9,4059975	-0,023	0,314
CHR8	1805176	CHR8:1805176	SSF x Near_LoA	-8,88409797	-0,011	0,297
CHR8	18053421	CHR8:18053421	SSF x Near_LoA	-8,46421104	-0,085	0,306
CHR8	18056364	CHR8:18056364	SSF x Near_LoA	-8,29110512	0,071	0,303
CHR8	18056373	CHR8:18056373	SSF x Near_LoA	-8,30628466	0,044	0,310
CHR8	18056420	CHR8:18056420	SSF x Near_LoA	-8,04193108	0,102	0,314
CHR8	18056472	CHR8:18056472	SSF x Near_LoA	-11,3017704	0,036	0,308
CHR8	18058140	CHR8:18058140	SSF x Near_LoA	-7,78946865	0,053	0,294
CHR8	18058145	CHR8:18058145	SSF x Near_LoA	-9,26522683	-0,089	0,306
CHR8	18058205	CHR8:18058205	SSF x Near_LoA	-7,08490183	0,057	0,310
CHR8	18058453	CHR8:18058453	SSF x Near_LoA	-7,8206128	-0,072	0,305
CHR8	18063681	CHR8:18063681	SSF x Near_LoA	-10,3357128	0,012	0,295
CHR8	18068035	CHR8:18068035	SSF x Near_LoA	-9,548997	0,011	0,310
CHR8	18072314	CHR8:18072314	SSF x Near_LoA	-8,86725976	-0,027	0,315
CHR8	18076599	CHR8:18076599	SSF x Near_LoA	-6,08955458	-0,030	0,317
CHR8	18084727	CHR8:18084727	SSF x Near_LoA	-11,1587316	-0,024	0,306
CHR8	18084805	CHR8:18084805	SSF x Near_LoA	-8,41225709	0,067	0,312
CHR8	18092152	CHR8:18092152	SSF x Near_LoA	-10,0924616	-0,007	0,325
CHR8	18092187	CHR8:18092187	SSF x Near_LoA	-11,1236402	-0,024	0,294
CHR8	18092237	CHR8:18092237	SSF x Near_LoA	-8,91336128	0,082	0,308
CHR8	18099330	CHR8:18099330	SSF x Near_LoA	-11,7078396	0,075	0,307
CHR8	18099389	CHR8:18099389	SSF x Near_LoA	-9,14990908	-0,045	0,298
CHR8	18099426	CHR8:18099426	SSF x Near_LoA	-8,24640498	-0,020	0,303
CHR8	18100307	CHR8:18100307	SSF x Near_LoA	-12,5033942	-0,010	0,304
CHR8	18100320	CHR8:18100320	SSF x Near_LoA	-8,41844044	0,056	0,293
CHR8	18106204	CHR8:18106204	SSF x Near_LoA	-9,37553597	-0,164	0,310
CHR8	18107348	CHR8:18107348	SSF x Near_LoA	-10,4928377	0,011	0,303
CHR8	18107984	CHR8:18107984	SSF x Near_LoA	-9,39308299	-0,073	0,308
CHR8	18123499	CHR8:18123499	SSF x Near_LoA	-11,0467912	0,057	0,302
CHR8	18123673	CHR8:18123673	SSF x Near_LoA	-10,4705381	0,069	0,316
CHR8	1812513	CHR8:1812513	SSF x Near_LoA	-8,11894283	-0,059	0,298
CHR8	18133247	CHR8:18133247	SSF x Near_LoA	-9,77964197	0,000	0,313
CHR8	18133416	CHR8:18133416	SSF x Near_LoA	-10,5257898	0,010	0,333
CHR8	18136909	CHR8:18136909	SSF x Near_LoA	-11,2713465	-0,045	0,300

CHR8	1814251	CHR8:1814251	SSF x Near_LoA	-6,28509964	0,150	0,304
CHR8	1814256	CHR8:1814256	SSF x Near_LoA	-7,36391919	0,121	0,294
CHR8	1814276	CHR8:1814276	SSF x Near_LoA	-7,57568594	-0,058	0,295
CHR8	1814346	CHR8:1814346	SSF x Near_LoA	-5,48004687	0,004	0,305
CHR8	181569	CHR8:181569	SSF x Near_LoA	-6,61680043	-0,123	0,308
CHR8	18167797	CHR8:18167797	SSF x Near_LoA	-9,71625868	-0,147	0,298
CHR8	18174240	CHR8:18174240	SSF x Near_LoA	-7,75396618	-0,004	0,317
CHR8	18176260	CHR8:18176260	SSF x Near_LoA	-8,62145169	0,082	0,317
CHR8	18186566	CHR8:18186566	SSF x Near_LoA	9,5548016	0,214	0,300
CHR8	18188414	CHR8:18188414	SSF x Near_LoA	-8,3292635	0,152	0,296
CHR8	18211638	CHR8:18211638	SSF x Near_LoA	-10,3863898	0,148	0,302
CHR8	18212504	CHR8:18212504	SSF x Near_LoA	-8,04715753	0,000	0,305
CHR8	18212686	CHR8:18212686	SSF x Near_LoA	-9,47601312	-0,010	0,320
CHR8	18215514	CHR8:18215514	SSF x Near_LoA	-9,8584897	-0,079	0,300
CHR8	18215578	CHR8:18215578	SSF x Near_LoA	-6,9338119	-0,002	0,319
CHR8	18219518	CHR8:18219518	SSF x Near_LoA	-10,8191532	0,020	0,313
CHR8	18219588	CHR8:18219588	SSF x Near_LoA	-9,35592721	-0,069	0,298
CHR8	18219613	CHR8:18219613	SSF x Near_LoA	-8,52512029	-0,135	0,310
CHR8	18219665	CHR8:18219665	SSF x Near_LoA	-9,55927868	0,104	0,296
CHR8	18219683	CHR8:18219683	SSF x Near_LoA	-11,9174739	0,019	0,305
CHR8	18219727	CHR8:18219727	SSF x Near_LoA	-10,8966573	-0,041	0,303
CHR8	18226678	CHR8:18226678	SSF x Near_LoA	-6,23781687	-0,058	0,326
CHR8	18227173	CHR8:18227173	SSF x Near_LoA	-11,920462	-0,019	0,304
CHR8	18227204	CHR8:18227204	SSF x Near_LoA	-3,74190966	-0,003	0,313
CHR8	18227206	CHR8:18227206	SSF x Near_LoA	-9,07176992	0,078	0,298
CHR8	18227231	CHR8:18227231	SSF x Near_LoA	-8,19604721	0,081	0,314
CHR8	18227233	CHR8:18227233	SSF x Near_LoA	-11,6232744	0,053	0,310
CHR8	18227256	CHR8:18227256	SSF x Near_LoA	-8,1757028	-0,042	0,301
CHR8	18228470	CHR8:18228470	SSF x Near_LoA	-6,50969485	0,156	0,299
CHR8	18228520	CHR8:18228520	SSF x Near_LoA	-8,63143354	0,079	0,312
CHR8	18228529	CHR8:18228529	SSF x Near_LoA	-8,35339904	0,024	0,311
CHR8	18228540	CHR8:18228540	SSF x Near_LoA	-6,80162264	-0,100	0,311
CHR8	1826047	CHR8:1826047	SSF x Near_LoA	-8,54369553	-0,004	0,308
CHR8	1826138	CHR8:1826138	SSF x Near_LoA	-10,3883295	0,034	0,297
CHR8	18275242	CHR8:18275242	SSF x Near_LoA	-10,578417	0,084	0,302
CHR8	18296549	CHR8:18296549	SSF x Near_LoA	-9,53168857	0,083	0,311
CHR8	18296561	CHR8:18296561	SSF x Near_LoA	-9,62820278	-0,099	0,297
CHR8	18296644	CHR8:18296644	SSF x Near_LoA	-10,491444	0,026	0,302
CHR8	18307647	CHR8:18307647	SSF x Near_LoA	-9,70279626	-0,043	0,306
CHR8	18307674	CHR8:18307674	SSF x Near_LoA	-5,19630626	-0,024	0,310
CHR8	18307732	CHR8:18307732	SSF x Near_LoA	-9,90603595	-0,049	0,307
CHR8	18324327	CHR8:18324327	SSF x Near_LoA	-10,5421863	-0,018	0,304
CHR8	18324343	CHR8:18324343	SSF x Near_LoA	-9,11802034	-0,066	0,298
CHR8	18324376	CHR8:18324376	SSF x Near_LoA	-9,14000267	0,018	0,318
CHR8	18327628	CHR8:18327628	SSF x Near_LoA	-8,85854644	0,025	0,314
CHR8	18342152	CHR8:18342152	SSF x Near_LoA	-7,46781967	0,107	0,315
CHR8	18348637	CHR8:18348637	SSF x Near_LoA	-10,5305058	-0,024	0,315
CHR8	18348676	CHR8:18348676	SSF x Near_LoA	-11,5322256	0,049	0,306
CHR8	18348849	CHR8:18348849	SSF x Near_LoA	-8,4207977	-0,048	0,297
CHR8	18352145	CHR8:18352145	SSF x Near_LoA	-7,93136967	0,078	0,307
CHR8	1836327	CHR8:1836327	SSF x Near_LoA	-7,65321587	0,089	0,303
CHR8	183633	CHR8:183633	SSF x Near_LoA	-6,87042589	-0,138	0,314
CHR8	1836382	CHR8:1836382	SSF x Near_LoA	-6,61043317	0,039	0,307

CHR8	18367954	CHR8:18367954	SSF x Near_LoA	-3,89063724	-0,136	0,301
CHR8	18369505	CHR8:18369505	SSF x Near_LoA	-8,55531314	0,082	0,317
CHR8	18371698	CHR8:18371698	SSF x Near_LoA	-6,81276242	0,153	0,295
CHR8	18371925	CHR8:18371925	SSF x Near_LoA	-8,32729801	0,052	0,308
CHR8	18371951	CHR8:18371951	SSF x Near_LoA	-9,18437722	0,063	0,312
CHR8	18380410	CHR8:18380410	SSF x Near_LoA	-3,87268132	-0,234	0,298
CHR8	18380472	CHR8:18380472	SSF x Near_LoA	-11,4328205	0,045	0,303
CHR8	1838223	CHR8:1838223	SSF x Near_LoA	-10,3241274	0,081	0,312
CHR8	18398721	CHR8:18398721	SSF x Near_LoA	-9,51002857	-0,051	0,306
CHR8	18398789	CHR8:18398789	SSF x Near_LoA	-8,7261003	-0,023	0,317
CHR8	18398791	CHR8:18398791	SSF x Near_LoA	-8,27355593	-0,037	0,312
CHR8	18398805	CHR8:18398805	SSF x Near_LoA	-8,27310389	0,022	0,312
CHR8	18412476	CHR8:18412476	SSF x Near_LoA	-9,59496369	-0,021	0,321
CHR8	18412533	CHR8:18412533	SSF x Near_LoA	-9,85744595	0,018	0,289
CHR8	18426194	CHR8:18426194	SSF x Near_LoA	-9,24644182	0,066	0,305
CHR8	18426266	CHR8:18426266	SSF x Near_LoA	-8,75740058	0,001	0,313
CHR8	18426268	CHR8:18426268	SSF x Near_LoA	-4,77196987	0,030	0,319
CHR8	18426351	CHR8:18426351	SSF x Near_LoA	-7,93239329	0,039	0,288
CHR8	18444915	CHR8:18444915	SSF x Near_LoA	-7,18190751	-0,152	0,301
CHR8	18446691	CHR8:18446691	SSF x Near_LoA	-5,41435379	-0,181	0,303
CHR8	18446734	CHR8:18446734	SSF x Near_LoA	-9,22652525	0,070	0,313
CHR8	18446808	CHR8:18446808	SSF x Near_LoA	-6,96340434	0,068	0,311
CHR8	18448689	CHR8:18448689	SSF x Near_LoA	-9,32270782	0,079	0,303
CHR8	18448707	CHR8:18448707	SSF x Near_LoA	-9,69134684	0,089	0,302
CHR8	18452909	CHR8:18452909	SSF x Near_LoA	-8,64342797	0,155	0,313
CHR8	18453941	CHR8:18453941	SSF x Near_LoA	-9,37627571	-0,018	0,309
CHR8	18454016	CHR8:18454016	SSF x Near_LoA	-8,64110715	0,027	0,305
CHR8	18460581	CHR8:18460581	SSF x Near_LoA	-6,96970251	0,098	0,292
CHR8	18460626	CHR8:18460626	SSF x Near_LoA	-10,7040661	0,086	0,293
CHR8	18460627	CHR8:18460627	SSF x Near_LoA	-11,2934207	0,074	0,293
CHR8	18460649	CHR8:18460649	SSF x Near_LoA	-3,71445505	-0,007	0,291
CHR8	18460680	CHR8:18460680	SSF x Near_LoA	-6,99248729	0,067	0,296
CHR8	18460704	CHR8:18460704	SSF x Near_LoA	-7,29120454	-0,096	0,296
CHR8	18461533	CHR8:18461533	SSF x Near_LoA	-9,7536915	0,015	0,309
CHR8	18465539	CHR8:18465539	SSF x Near_LoA	-11,1121017	0,068	0,305
CHR8	18465540	CHR8:18465540	SSF x Near_LoA	-11,4119667	0,040	0,304
CHR8	18465598	CHR8:18465598	SSF x Near_LoA	-6,99370365	-0,051	0,304
CHR8	18465600	CHR8:18465600	SSF x Near_LoA	-11,2336931	-0,004	0,300
CHR8	18465616	CHR8:18465616	SSF x Near_LoA	-8,27547893	-0,034	0,305
CHR8	18465618	CHR8:18465618	SSF x Near_LoA	-11,1710627	-0,030	0,301
CHR8	18465677	CHR8:18465677	SSF x Near_LoA	-8,43888255	-0,006	0,317
CHR8	1847280	CHR8:1847280	SSF x Near_LoA	-9,88775869	-0,005	0,308
CHR8	18483647	CHR8:18483647	SSF x Near_LoA	-10,3642837	-0,064	0,299
CHR8	18483651	CHR8:18483651	SSF x Near_LoA	-6,67614483	-0,021	0,292
CHR8	18483657	CHR8:18483657	SSF x Near_LoA	-3,78751373	-0,034	0,293
CHR8	18483685	CHR8:18483685	SSF x Near_LoA	-7,13707286	0,042	0,316
CHR8	18483788	CHR8:18483788	SSF x Near_LoA	-10,6498357	0,043	0,300
CHR8	18483789	CHR8:18483789	SSF x Near_LoA	-9,9087808	0,034	0,299
CHR8	18483855	CHR8:18483855	SSF x Near_LoA	-11,1058585	0,066	0,293
CHR8	18483932	CHR8:18483932	SSF x Near_LoA	-9,49312156	0,046	0,293
CHR8	18487172	CHR8:18487172	SSF x Near_LoA	-10,3692577	-0,067	0,307
CHR8	18487187	CHR8:18487187	SSF x Near_LoA	-7,0569399	-0,144	0,307
CHR8	18487255	CHR8:18487255	SSF x Near_LoA	-6,2818908	-0,146	0,310

CHR8	18487276	CHR8:18487276	SSF x Near_LoA	-9,92207211	-0,081	0,316
CHR8	18488289	CHR8:18488289	SSF x Near_LoA	-4,43078878	0,145	0,310
CHR8	18488323	CHR8:18488323	SSF x Near_LoA	-10,749142	-0,015	0,321
CHR8	18488333	CHR8:18488333	SSF x Near_LoA	-3,47830024	0,154	0,303
CHR8	18488344	CHR8:18488344	SSF x Near_LoA	-7,62714477	-0,131	0,299
CHR8	18488362	CHR8:18488362	SSF x Near_LoA	-7,19699484	0,153	0,308
CHR8	18492452	CHR8:18492452	SSF x Near_LoA	-6,99766913	0,152	0,293
CHR8	18492468	CHR8:18492468	SSF x Near_LoA	-9,94296114	-0,122	0,300
CHR8	18496519	CHR8:18496519	SSF x Near_LoA	-9,10708514	-0,142	0,311
CHR8	18496525	CHR8:18496525	SSF x Near_LoA	-4,06991122	0,106	0,307
CHR8	18520909	CHR8:18520909	SSF x Near_LoA	-9,98323762	-0,015	0,309
CHR8	18520932	CHR8:18520932	SSF x Near_LoA	-8,59437728	-0,072	0,313
CHR8	18520934	CHR8:18520934	SSF x Near_LoA	-10,0296183	-0,033	0,310
CHR8	18520943	CHR8:18520943	SSF x Near_LoA	-12,1895364	-0,062	0,297
CHR8	18525302	CHR8:18525302	SSF x Near_LoA	-10,6401843	-0,008	0,302
CHR8	18541854	CHR8:18541854	SSF x Near_LoA	-9,17979794	-0,046	0,297
CHR8	18541873	CHR8:18541873	SSF x Near_LoA	-10,3859093	-0,024	0,312
CHR8	18541899	CHR8:18541899	SSF x Near_LoA	-11,9091915	-0,082	0,317
CHR8	18541906	CHR8:18541906	SSF x Near_LoA	-9,54288774	0,006	0,295
CHR8	18542963	CHR8:18542963	SSF x Near_LoA	-7,32368024	0,117	0,302
CHR8	18543219	CHR8:18543219	SSF x Near_LoA	-7,90977427	0,052	0,305
CHR8	18548646	CHR8:18548646	SSF x Near_LoA	-9,7553004	0,050	0,291
CHR8	18548698	CHR8:18548698	SSF x Near_LoA	-11,0210676	-0,049	0,316
CHR8	18557231	CHR8:18557231	SSF x Near_LoA	-8,02244548	-0,013	0,307
CHR8	18564044	CHR8:18564044	SSF x Near_LoA	-9,50801387	-0,024	0,307
CHR8	18564058	CHR8:18564058	SSF x Near_LoA	-9,24280891	-0,026	0,310
CHR8	18564187	CHR8:18564187	SSF x Near_LoA	-7,62883518	-0,109	0,310
CHR8	18564228	CHR8:18564228	SSF x Near_LoA	-7,85024026	-0,159	0,299
CHR8	18564236	CHR8:18564236	SSF x Near_LoA	-10,0567428	0,067	0,305
CHR8	18564278	CHR8:18564278	SSF x Near_LoA	-5,26903351	-0,104	0,318
CHR8	18573397	CHR8:18573397	SSF x Near_LoA	-10,8986258	-0,011	0,299
CHR8	18573469	CHR8:18573469	SSF x Near_LoA	-10,2451095	0,025	0,302
CHR8	18573474	CHR8:18573474	SSF x Near_LoA	-9,95011111	0,025	0,296
CHR8	18588098	CHR8:18588098	SSF x Near_LoA	-9,40621484	0,078	0,313
CHR8	18593937	CHR8:18593937	SSF x Near_LoA	3,04377755	0,116	0,307
CHR8	18666488	CHR8:18666488	SSF x Near_LoA	-8,56056062	0,095	0,298
CHR8	18672566	CHR8:18672566	SSF x Near_LoA	-8,81661968	0,110	0,317
CHR8	18672620	CHR8:18672620	SSF x Near_LoA	-10,2650044	-0,131	0,305
CHR8	18672670	CHR8:18672670	SSF x Near_LoA	-11,2737149	-0,123	0,298
CHR8	18672695	CHR8:18672695	SSF x Near_LoA	-11,0553474	-0,141	0,312
CHR8	18672721	CHR8:18672721	SSF x Near_LoA	-9,706491	0,001	0,314
CHR8	18675513	CHR8:18675513	SSF x Near_LoA	-8,47140557	-0,075	0,321
CHR8	18692553	CHR8:18692553	SSF x Near_LoA	-6,33816146	-0,093	0,315
CHR8	18695909	CHR8:18695909	SSF x Near_LoA	-7,29800131	-0,120	0,312
CHR8	18706826	CHR8:18706826	SSF x Near_LoA	-2,85011857	0,088	0,298
CHR8	18726492	CHR8:18726492	SSF x Near_LoA	-9,14701331	-0,032	0,303
CHR8	18728255	CHR8:18728255	SSF x Near_LoA	-10,7454276	-0,028	0,289
CHR8	18728513	CHR8:18728513	SSF x Near_LoA	-7,56305581	0,104	0,304
CHR8	18728517	CHR8:18728517	SSF x Near_LoA	-10,4322714	0,058	0,307
CHR8	1873098	CHR8:1873098	SSF x Near_LoA	-9,60897711	-0,087	0,300
CHR8	1873108	CHR8:1873108	SSF x Near_LoA	-1,17348153	-0,014	0,300
CHR8	18735610	CHR8:18735610	SSF x Near_LoA	-8,80746554	-0,025	0,297
CHR8	1874660	CHR8:1874660	SSF x Near_LoA	-8,49563282	-0,083	0,294

CHR8	18747846	CHR8:18747846	SSF x Near_LoA	-7,60772365	0,102	0,295
CHR8	18747975	CHR8:18747975	SSF x Near_LoA	-7,77106153	0,018	0,305
CHR8	1874894	CHR8:1874894	SSF x Near_LoA	-11,5585	0,039	0,305
CHR8	18758131	CHR8:18758131	SSF x Near_LoA	-7,10748863	-0,014	0,298
CHR8	18768602	CHR8:18768602	SSF x Near_LoA	-11,3946359	-0,088	0,309
CHR8	18768727	CHR8:18768727	SSF x Near_LoA	-9,6450154	0,024	0,311
CHR8	18768762	CHR8:18768762	SSF x Near_LoA	-5,48121459	0,207	0,300
CHR8	18768814	CHR8:18768814	SSF x Near_LoA	-3,30608835	0,191	0,286
CHR8	18768815	CHR8:18768815	SSF x Near_LoA	-10,3248837	-0,006	0,313
CHR8	18776779	CHR8:18776779	SSF x Near_LoA	-8,49708072	0,073	0,307
CHR8	18776797	CHR8:18776797	SSF x Near_LoA	-9,82553938	-0,116	0,301
CHR8	18776826	CHR8:18776826	SSF x Near_LoA	-7,85871636	0,176	0,299
CHR8	18776833	CHR8:18776833	SSF x Near_LoA	-9,76611594	0,058	0,302
CHR8	18776874	CHR8:18776874	SSF x Near_LoA	-4,84333989	-0,063	0,294
CHR8	18776933	CHR8:18776933	SSF x Near_LoA	-10,7682622	-0,014	0,310
CHR8	18783787	CHR8:18783787	SSF x Near_LoA	-10,4367984	0,158	0,301
CHR8	18783821	CHR8:18783821	SSF x Near_LoA	-10,965114	0,004	0,303
CHR8	18783822	CHR8:18783822	SSF x Near_LoA	-9,08616886	-0,024	0,310
CHR8	18785642	CHR8:18785642	SSF x Near_LoA	-8,91838155	-0,093	0,308
CHR8	18785649	CHR8:18785649	SSF x Near_LoA	-8,42072951	-0,043	0,318
CHR8	18785672	CHR8:18785672	SSF x Near_LoA	-3,61711663	0,119	0,311
CHR8	18785707	CHR8:18785707	SSF x Near_LoA	-10,8118575	-0,019	0,320
CHR8	18785726	CHR8:18785726	SSF x Near_LoA	-7,65448776	-0,151	0,302
CHR8	18785799	CHR8:18785799	SSF x Near_LoA	-12,0198033	0,013	0,302
CHR8	18785852	CHR8:18785852	SSF x Near_LoA	-8,01489799	0,105	0,300
CHR8	18798071	CHR8:18798071	SSF x Near_LoA	-3,75169659	0,139	0,301
CHR8	18798076	CHR8:18798076	SSF x Near_LoA	-6,82613811	-0,055	0,309
CHR8	18798077	CHR8:18798077	SSF x Near_LoA	-9,95907668	-0,027	0,294
CHR8	18798132	CHR8:18798132	SSF x Near_LoA	-10,3035519	0,007	0,311
CHR8	18798142	CHR8:18798142	SSF x Near_LoA	-10,6184405	-0,005	0,306
CHR8	18798476	CHR8:18798476	SSF x Near_LoA	-4,37226087	-0,154	0,308
CHR8	18798502	CHR8:18798502	SSF x Near_LoA	-6,76544474	-0,073	0,312
CHR8	18798536	CHR8:18798536	SSF x Near_LoA	-8,63010505	-0,096	0,302
CHR8	18814642	CHR8:18814642	SSF x Near_LoA	-8,62496478	0,013	0,312
CHR8	18819137	CHR8:18819137	SSF x Near_LoA	-10,8878961	-0,078	0,310
CHR8	18819191	CHR8:18819191	SSF x Near_LoA	-10,8950467	0,035	0,296
CHR8	18819199	CHR8:18819199	SSF x Near_LoA	-8,23738532	-0,043	0,323
CHR8	18820807	CHR8:18820807	SSF x Near_LoA	-8,82180032	-0,041	0,304
CHR8	18820818	CHR8:18820818	SSF x Near_LoA	-10,3702756	0,021	0,310
CHR8	18828583	CHR8:18828583	SSF x Near_LoA	-8,77596185	-0,019	0,316
CHR8	18828587	CHR8:18828587	SSF x Near_LoA	-8,98020182	0,001	0,308
CHR8	18828670	CHR8:18828670	SSF x Near_LoA	-8,67960532	0,016	0,307
CHR8	18831568	CHR8:18831568	SSF x Near_LoA	-9,66995584	0,128	0,313
CHR8	18831577	CHR8:18831577	SSF x Near_LoA	-8,66605392	0,113	0,296
CHR8	18831605	CHR8:18831605	SSF x Near_LoA	17,002598	-0,131	0,306
CHR8	18835887	CHR8:18835887	SSF x Near_LoA	-10,3639306	0,085	0,298
CHR8	18841575	CHR8:18841575	SSF x Near_LoA	-11,6067106	0,017	0,322
CHR8	18842665	CHR8:18842665	SSF x Near_LoA	-9,44993311	-0,050	0,305
CHR8	18842694	CHR8:18842694	SSF x Near_LoA	-8,34098985	-0,111	0,315
CHR8	18842721	CHR8:18842721	SSF x Near_LoA	-6,53819853	-0,139	0,297
CHR8	18842740	CHR8:18842740	SSF x Near_LoA	-8,83687888	0,154	0,302
CHR8	18842762	CHR8:18842762	SSF x Near_LoA	-6,45101694	-0,188	0,300
CHR8	18842764	CHR8:18842764	SSF x Near_LoA	-8,63916686	-0,004	0,307

CHR8	18842787	CHR8:18842787	SSF x Near_LoA	-11,6136866	0,032	0,308
CHR8	18842831	CHR8:18842831	SSF x Near_LoA	-10,6210871	0,055	0,304
CHR8	18842844	CHR8:18842844	SSF x Near_LoA	-7,40778414	-0,010	0,327
CHR8	1884541	CHR8:1884541	SSF x Near_LoA	-9,66693452	-0,041	0,308
CHR8	18846071	CHR8:18846071	SSF x Near_LoA	-7,44178224	-0,060	0,298
CHR8	18846106	CHR8:18846106	SSF x Near_LoA	-8,53436212	0,012	0,304
CHR8	18846227	CHR8:18846227	SSF x Near_LoA	-10,8625777	-0,088	0,302
CHR8	18846228	CHR8:18846228	SSF x Near_LoA	-10,2413701	-0,085	0,305
CHR8	18846247	CHR8:18846247	SSF x Near_LoA	-9,89620503	-0,113	0,309
CHR8	18847739	CHR8:18847739	SSF x Near_LoA	-7,56696733	-0,116	0,307
CHR8	18847939	CHR8:18847939	SSF x Near_LoA	-9,72314907	0,062	0,317
CHR8	1884801	CHR8:1884801	SSF x Near_LoA	-10,9109544	-0,031	0,306
CHR8	18851552	CHR8:18851552	SSF x Near_LoA	-11,8511219	-0,091	0,300
CHR8	18851587	CHR8:18851587	SSF x Near_LoA	-9,54044951	0,084	0,294
CHR8	18851617	CHR8:18851617	SSF x Near_LoA	-5,11921476	-0,185	0,295
CHR8	18851713	CHR8:18851713	SSF x Near_LoA	-11,1901025	-0,058	0,291
CHR8	18851735	CHR8:18851735	SSF x Near_LoA	-9,88573648	-0,048	0,303
CHR8	18857615	CHR8:18857615	SSF x Near_LoA	-7,17118081	0,171	0,314
CHR8	18857619	CHR8:18857619	SSF x Near_LoA	-11,5670004	-0,089	0,287
CHR8	18857699	CHR8:18857699	SSF x Near_LoA	-11,012445	0,057	0,301
CHR8	18857702	CHR8:18857702	SSF x Near_LoA	-8,94398306	0,101	0,305
CHR8	18857733	CHR8:18857733	SSF x Near_LoA	-7,68146801	-0,156	0,302
CHR8	18857771	CHR8:18857771	SSF x Near_LoA	-9,00021343	0,123	0,287
CHR8	18862253	CHR8:18862253	SSF x Near_LoA	-8,12294733	0,055	0,313
CHR8	18862259	CHR8:18862259	SSF x Near_LoA	-10,0805527	0,054	0,298
CHR8	18862427	CHR8:18862427	SSF x Near_LoA	-10,3563058	0,007	0,311
CHR8	18866121	CHR8:18866121	SSF x Near_LoA	-6,8113425	-0,154	0,287
CHR8	18866437	CHR8:18866437	SSF x Near_LoA	-10,9427963	-0,042	0,314
CHR8	18874285	CHR8:18874285	SSF x Near_LoA	-9,80658583	0,033	0,310
CHR8	18874400	CHR8:18874400	SSF x Near_LoA	-6,4529139	0,101	0,300
CHR8	18874432	CHR8:18874432	SSF x Near_LoA	-9,36102628	-0,076	0,328
CHR8	18874433	CHR8:18874433	SSF x Near_LoA	-11,3769747	-0,092	0,303
CHR8	18877574	CHR8:18877574	SSF x Near_LoA	-7,61335063	-0,045	0,303
CHR8	18877710	CHR8:18877710	SSF x Near_LoA	-2,89956328	-0,230	0,294
CHR8	18878700	CHR8:18878700	SSF x Near_LoA	-6,93356538	0,080	0,318
CHR8	18881460	CHR8:18881460	SSF x Near_LoA	-9,95708969	0,011	0,303
CHR8	18881584	CHR8:18881584	SSF x Near_LoA	-9,54945192	-0,083	0,303
CHR8	18881663	CHR8:18881663	SSF x Near_LoA	-8,5460666	-0,030	0,300
CHR8	18881680	CHR8:18881680	SSF x Near_LoA	-7,58290612	-0,010	0,292
CHR8	18881726	CHR8:18881726	SSF x Near_LoA	-7,81180008	0,013	0,316
CHR8	18883380	CHR8:18883380	SSF x Near_LoA	-8,1048501	0,089	0,309
CHR8	18883442	CHR8:18883442	SSF x Near_LoA	-8,57569732	0,057	0,297
CHR8	18883552	CHR8:18883552	SSF x Near_LoA	-10,1932885	-0,061	0,307
CHR8	18883557	CHR8:18883557	SSF x Near_LoA	-9,3806873	-0,012	0,304
CHR8	18883566	CHR8:18883566	SSF x Near_LoA	-10,2458909	0,039	0,306
CHR8	18887663	CHR8:18887663	SSF x Near_LoA	-6,38576452	0,128	0,274
CHR8	18891211	CHR8:18891211	SSF x Near_LoA	-8,69314065	0,073	0,298
CHR8	18891310	CHR8:18891310	SSF x Near_LoA	-9,43823879	-0,048	0,312
CHR8	18896530	CHR8:18896530	SSF x Near_LoA	-9,56747289	0,010	0,304
CHR8	18896544	CHR8:18896544	SSF x Near_LoA	-9,3959149	0,021	0,318
CHR8	18896558	CHR8:18896558	SSF x Near_LoA	-7,44576996	-0,086	0,316
CHR8	18896577	CHR8:18896577	SSF x Near_LoA	-9,4660151	0,016	0,306
CHR8	18896612	CHR8:18896612	SSF x Near_LoA	-11,2472769	0,049	0,312

CHR8	18896615	CHR8:18896615	SSF x Near_LoA	-5,18589821	0,177	0,300
CHR8	18896630	CHR8:18896630	SSF x Near_LoA	-11,5316687	-0,084	0,310
CHR8	18896638	CHR8:18896638	SSF x Near_LoA	-9,49347204	0,005	0,315
CHR8	18896662	CHR8:18896662	SSF x Near_LoA	-9,0292306	0,029	0,302
CHR8	18906906	CHR8:18906906	SSF x Near_LoA	-8,58255873	-0,045	0,304
CHR8	18906927	CHR8:18906927	SSF x Near_LoA	-10,6882689	0,100	0,306
CHR8	18906946	CHR8:18906946	SSF x Near_LoA	-11,1751199	0,034	0,310
CHR8	18909955	CHR8:18909955	SSF x Near_LoA	-10,1545557	0,000	0,323
CHR8	18909959	CHR8:18909959	SSF x Near_LoA	-11,1794979	-0,030	0,316
CHR8	18913792	CHR8:18913792	SSF x Near_LoA	-10,6071717	-0,067	0,308
CHR8	18917789	CHR8:18917789	SSF x Near_LoA	-6,14463045	0,125	0,311
CHR8	18917803	CHR8:18917803	SSF x Near_LoA	-10,0473269	-0,008	0,321
CHR8	18917811	CHR8:18917811	SSF x Near_LoA	-11,6868295	0,096	0,322
CHR8	18917896	CHR8:18917896	SSF x Near_LoA	-11,0383861	0,074	0,306
CHR8	18925200	CHR8:18925200	SSF x Near_LoA	-10,8193896	0,094	0,308
CHR8	18925343	CHR8:18925343	SSF x Near_LoA	-10,8479481	0,007	0,299
CHR8	18925574	CHR8:18925574	SSF x Near_LoA	-9,48423766	-0,085	0,301
CHR8	18931388	CHR8:18931388	SSF x Near_LoA	-10,0186935	-0,034	0,300
CHR8	18933355	CHR8:18933355	SSF x Near_LoA	-6,59365992	0,101	0,304
CHR8	18933421	CHR8:18933421	SSF x Near_LoA	-7,5617974	0,032	0,313
CHR8	18933448	CHR8:18933448	SSF x Near_LoA	-9,20950939	0,065	0,301
CHR8	18933467	CHR8:18933467	SSF x Near_LoA	-8,92176172	0,038	0,321
CHR8	18933523	CHR8:18933523	SSF x Near_LoA	-8,97136603	0,044	0,317
CHR8	18933541	CHR8:18933541	SSF x Near_LoA	-10,8780663	-0,055	0,307
CHR8	18935120	CHR8:18935120	SSF x Near_LoA	-7,74687205	0,141	0,305
CHR8	18941741	CHR8:18941741	SSF x Near_LoA	-10,398661	0,020	0,298
CHR8	18941743	CHR8:18941743	SSF x Near_LoA	-5,24783901	-0,042	0,297
CHR8	18948884	CHR8:18948884	SSF x Near_LoA	-11,4780187	0,003	0,294
CHR8	18948914	CHR8:18948914	SSF x Near_LoA	-8,82426957	-0,043	0,324
CHR8	18955921	CHR8:18955921	SSF x Near_LoA	-7,19121179	-0,078	0,308
CHR8	18957527	CHR8:18957527	SSF x Near_LoA	-10,5756971	0,026	0,303
CHR8	18957598	CHR8:18957598	SSF x Near_LoA	-9,38364777	-0,040	0,310
CHR8	18958397	CHR8:18958397	SSF x Near_LoA	-10,2358342	-0,053	0,318
CHR8	18958492	CHR8:18958492	SSF x Near_LoA	-7,93107399	0,049	0,322
CHR8	18959367	CHR8:18959367	SSF x Near_LoA	-11,8226011	0,027	0,316
CHR8	18959409	CHR8:18959409	SSF x Near_LoA	-11,2607346	-0,010	0,306
CHR8	18959459	CHR8:18959459	SSF x Near_LoA	-4,87026779	0,174	0,303
CHR8	18961430	CHR8:18961430	SSF x Near_LoA	-10,9501408	0,033	0,325
CHR8	18961457	CHR8:18961457	SSF x Near_LoA	-8,79683766	0,122	0,307
CHR8	18969077	CHR8:18969077	SSF x Near_LoA	-10,5436456	0,005	0,318
CHR8	18969088	CHR8:18969088	SSF x Near_LoA	-7,45046661	0,044	0,313
CHR8	18980806	CHR8:18980806	SSF x Near_LoA	-9,8986311	-0,088	0,316
CHR8	18981000	CHR8:18981000	SSF x Near_LoA	-10,9301537	-0,094	0,306
CHR8	18981001	CHR8:18981001	SSF x Near_LoA	-10,2397697	0,045	0,318
CHR8	18991143	CHR8:18991143	SSF x Near_LoA	-10,0627926	-0,042	0,320
CHR8	18991167	CHR8:18991167	SSF x Near_LoA	-11,1426361	-0,011	0,301
CHR8	18991173	CHR8:18991173	SSF x Near_LoA	-10,3142566	-0,023	0,300
CHR8	18994378	CHR8:18994378	SSF x Near_LoA	-8,40637857	-0,132	0,316
CHR8	18994439	CHR8:18994439	SSF x Near_LoA	-7,88308876	-0,008	0,308
CHR8	18994525	CHR8:18994525	SSF x Near_LoA	-9,41341885	-0,077	0,310
CHR8	18999565	CHR8:18999565	SSF x Near_LoA	-10,4740808	0,033	0,321
CHR8	19000155	CHR8:19000155	SSF x Near_LoA	-8,84068055	-0,096	0,308
CHR8	19007260	CHR8:19007260	SSF x Near_LoA	-11,2837836	-0,106	0,323

CHR8	19018594	CHR8:19018594	SSF x Near_LoA	-7,7027022	0,086	0,310
CHR8	19018754	CHR8:19018754	SSF x Near_LoA	-7,28541512	-0,047	0,308
CHR8	19019198	CHR8:19019198	SSF x Near_LoA	-7,49821896	0,110	0,322
CHR8	19019223	CHR8:19019223	SSF x Near_LoA	-11,3552036	-0,004	0,316
CHR8	19022672	CHR8:19022672	SSF x Near_LoA	-9,83544835	-0,085	0,308
CHR8	19023743	CHR8:19023743	SSF x Near_LoA	-7,35990079	0,142	0,305
CHR8	19030345	CHR8:19030345	SSF x Near_LoA	-7,25052549	0,053	0,300
CHR8	19030368	CHR8:19030368	SSF x Near_LoA	-11,1169043	-0,050	0,319
CHR8	19030369	CHR8:19030369	SSF x Near_LoA	-9,2382624	0,131	0,306
CHR8	19030423	CHR8:19030423	SSF x Near_LoA	-7,29216261	-0,183	0,308
CHR8	19030458	CHR8:19030458	SSF x Near_LoA	-5,27613006	-0,162	0,311
CHR8	19030503	CHR8:19030503	SSF x Near_LoA	-3,01043623	0,011	0,302
CHR8	19033470	CHR8:19033470	SSF x Near_LoA	-8,54839262	-0,132	0,292
CHR8	19033534	CHR8:19033534	SSF x Near_LoA	-10,2771918	0,070	0,294
CHR8	19033617	CHR8:19033617	SSF x Near_LoA	-9,94334793	-0,074	0,295
CHR8	19033648	CHR8:19033648	SSF x Near_LoA	-3,93278544	0,130	0,297
CHR8	19033743	CHR8:19033743	SSF x Near_LoA	-9,26681698	-0,054	0,297
CHR8	19039524	CHR8:19039524	SSF x Near_LoA	-9,4507409	-0,081	0,309
CHR8	19039545	CHR8:19039545	SSF x Near_LoA	-7,28672416	-0,042	0,312
CHR8	19039586	CHR8:19039586	SSF x Near_LoA	-9,21056981	-0,053	0,302
CHR8	19039612	CHR8:19039612	SSF x Near_LoA	-7,08232145	0,029	0,313
CHR8	19039761	CHR8:19039761	SSF x Near_LoA	-7,38936296	0,063	0,309
CHR8	19049131	CHR8:19049131	SSF x Near_LoA	-10,3993088	-0,049	0,315
CHR8	19049138	CHR8:19049138	SSF x Near_LoA	-5,71227251	-0,034	0,314
CHR8	19049200	CHR8:19049200	SSF x Near_LoA	-9,21642576	0,080	0,295
CHR8	19049205	CHR8:19049205	SSF x Near_LoA	-10,3945202	-0,032	0,314
CHR8	19049614	CHR8:19049614	SSF x Near_LoA	-9,80570944	-0,050	0,329
CHR8	19049624	CHR8:19049624	SSF x Near_LoA	-10,0316525	-0,012	0,290
CHR8	19060014	CHR8:19060014	SSF x Near_LoA	-3,34992089	-0,016	0,313
CHR8	19060976	CHR8:19060976	SSF x Near_LoA	-9,26512319	0,060	0,309
CHR8	19060977	CHR8:19060977	SSF x Near_LoA	-8,06918245	0,060	0,306
CHR8	19061013	CHR8:19061013	SSF x Near_LoA	-10,3594791	-0,023	0,304
CHR8	19062160	CHR8:19062160	SSF x Near_LoA	-9,29659008	-0,013	0,308
CHR8	19080183	CHR8:19080183	SSF x Near_LoA	-3,94978645	-0,100	0,311
CHR8	19080202	CHR8:19080202	SSF x Near_LoA	-9,73989707	0,053	0,318
CHR8	19080461	CHR8:19080461	SSF x Near_LoA	-11,7707276	0,027	0,303
CHR8	19086275	CHR8:19086275	SSF x Near_LoA	-6,31091086	0,006	0,322
CHR8	1908907	CHR8:1908907	SSF x Near_LoA	-11,2998532	0,004	0,291
CHR8	1908996	CHR8:1908996	SSF x Near_LoA	-5,62676276	0,057	0,310
CHR8	19092469	CHR8:19092469	SSF x Near_LoA	-6,59798594	-0,113	0,307
CHR8	19095745	CHR8:19095745	SSF x Near_LoA	-9,99991646	-0,028	0,299
CHR8	19095776	CHR8:19095776	SSF x Near_LoA	-10,607139	-0,040	0,312
CHR8	19095777	CHR8:19095777	SSF x Near_LoA	-10,3797509	-0,091	0,309
CHR8	19095796	CHR8:19095796	SSF x Near_LoA	-6,07002886	-0,134	0,318
CHR8	19095797	CHR8:19095797	SSF x Near_LoA	-8,253139	-0,075	0,301
CHR8	19101985	CHR8:19101985	SSF x Near_LoA	-10,2822402	0,142	0,297
CHR8	19107503	CHR8:19107503	SSF x Near_LoA	-10,6289213	0,056	0,312
CHR8	19107617	CHR8:19107617	SSF x Near_LoA	-7,02729456	0,025	0,311
CHR8	19107623	CHR8:19107623	SSF x Near_LoA	-8,31749336	0,150	0,301
CHR8	19111900	CHR8:19111900	SSF x Near_LoA	-11,3264343	-0,016	0,309
CHR8	19111922	CHR8:19111922	SSF x Near_LoA	-8,15155795	-0,066	0,310
CHR8	19111984	CHR8:19111984	SSF x Near_LoA	8,24351074	-0,146	0,304
CHR8	19112008	CHR8:19112008	SSF x Near_LoA	-8,44544301	-0,031	0,311

CHR8	19112012	CHR8:19112012	SSF x Near_LoA	-8,65599488	-0,072	0,311
CHR8	19112041	CHR8:19112041	SSF x Near_LoA	-8,11394258	-0,059	0,324
CHR8	19112054	CHR8:19112054	SSF x Near_LoA	-9,39220404	-0,128	0,309
CHR8	19127218	CHR8:19127218	SSF x Near_LoA	-7,15496907	-0,028	0,319
CHR8	19127264	CHR8:19127264	SSF x Near_LoA	-10,4647938	-0,010	0,319
CHR8	19127274	CHR8:19127274	SSF x Near_LoA	-3,76670691	-0,059	0,307
CHR8	19127279	CHR8:19127279	SSF x Near_LoA	-10,3125215	-0,044	0,317
CHR8	19130567	CHR8:19130567	SSF x Near_LoA	-11,5381892	0,014	0,307
CHR8	19139974	CHR8:19139974	SSF x Near_LoA	-7,54696274	-0,097	0,292
CHR8	19140107	CHR8:19140107	SSF x Near_LoA	-8,61587952	-0,072	0,314
CHR8	19140115	CHR8:19140115	SSF x Near_LoA	-10,69716	-0,084	0,293
CHR8	19140147	CHR8:19140147	SSF x Near_LoA	-8,87664463	-0,049	0,305
CHR8	19152669	CHR8:19152669	SSF x Near_LoA	-7,22093258	0,063	0,305
CHR8	19152730	CHR8:19152730	SSF x Near_LoA	-8,57413397	0,110	0,307
CHR8	19157970	CHR8:19157970	SSF x Near_LoA	-8,51771645	0,087	0,303
CHR8	19157971	CHR8:19157971	SSF x Near_LoA	-8,4353912	-0,040	0,300
CHR8	19158017	CHR8:19158017	SSF x Near_LoA	-11,4652147	-0,024	0,323
CHR8	19177418	CHR8:19177418	SSF x Near_LoA	-9,40899897	-0,101	0,303
CHR8	19177436	CHR8:19177436	SSF x Near_LoA	8,97432633	-0,085	0,305
CHR8	19177444	CHR8:19177444	SSF x Near_LoA	-10,1561476	0,031	0,304
CHR8	19177466	CHR8:19177466	SSF x Near_LoA	-7,56200975	-0,035	0,300
CHR8	19187186	CHR8:19187186	SSF x Near_LoA	-8,98183961	-0,040	0,314
CHR8	1919164	CHR8:1919164	SSF x Near_LoA	-10,9289157	-0,067	0,307
CHR8	19197080	CHR8:19197080	SSF x Near_LoA	-9,05425323	-0,016	0,299
CHR8	1920538	CHR8:1920538	SSF x Near_LoA	-7,26495651	-0,188	0,305
CHR8	19207546	CHR8:19207546	SSF x Near_LoA	-10,1561856	0,000	0,312
CHR8	19214070	CHR8:19214070	SSF x Near_LoA	-10,6934803	0,059	0,298
CHR8	19218041	CHR8:19218041	SSF x Near_LoA	-8,51762681	0,084	0,310
CHR8	19218089	CHR8:19218089	SSF x Near_LoA	-11,5292553	-0,023	0,314
CHR8	19221785	CHR8:19221785	SSF x Near_LoA	-10,8931296	-0,029	0,304
CHR8	19224623	CHR8:19224623	SSF x Near_LoA	-5,30545961	0,156	0,301
CHR8	19229027	CHR8:19229027	SSF x Near_LoA	-8,86064377	-0,027	0,303
CHR8	19237254	CHR8:19237254	SSF x Near_LoA	-8,53682989	0,128	0,304
CHR8	19237405	CHR8:19237405	SSF x Near_LoA	-4,58622451	0,188	0,294
CHR8	19237469	CHR8:19237469	SSF x Near_LoA	-9,75911602	-0,059	0,305
CHR8	19237485	CHR8:19237485	SSF x Near_LoA	-7,68897838	-0,106	0,309
CHR8	19245261	CHR8:19245261	SSF x Near_LoA	-9,59917021	0,070	0,301
CHR8	19245543	CHR8:19245543	SSF x Near_LoA	-7,65177076	0,151	0,301
CHR8	19246765	CHR8:19246765	SSF x Near_LoA	-6,9687931	-0,060	0,321
CHR8	19249254	CHR8:19249254	SSF x Near_LoA	-8,46199693	0,147	0,307
CHR8	19249296	CHR8:19249296	SSF x Near_LoA	-9,88583375	0,001	0,310
CHR8	19251708	CHR8:19251708	SSF x Near_LoA	-8,88706032	0,061	0,308
CHR8	19251711	CHR8:19251711	SSF x Near_LoA	-9,77325849	-0,021	0,306
CHR8	19251712	CHR8:19251712	SSF x Near_LoA	-10,6012625	0,055	0,314
CHR8	19251727	CHR8:19251727	SSF x Near_LoA	-7,63523331	0,047	0,307
CHR8	19251729	CHR8:19251729	SSF x Near_LoA	-9,15441353	0,016	0,301
CHR8	19251750	CHR8:19251750	SSF x Near_LoA	-10,7550726	0,006	0,291
CHR8	19251800	CHR8:19251800	SSF x Near_LoA	-11,083912	-0,097	0,302
CHR8	19251911	CHR8:19251911	SSF x Near_LoA	-8,55292391	0,073	0,307
CHR8	19253517	CHR8:19253517	SSF x Near_LoA	-8,21579427	-0,080	0,315
CHR8	19253540	CHR8:19253540	SSF x Near_LoA	-8,16713323	-0,098	0,301
CHR8	19253548	CHR8:19253548	SSF x Near_LoA	-9,67216003	-0,058	0,299
CHR8	19253556	CHR8:19253556	SSF x Near_LoA	-7,24886428	-0,040	0,296

CHR8	19253565	CHR8:19253565	SSF x Near_LoA	-9,31213578	-0,042	0,312
CHR8	19286178	CHR8:19286178	SSF x Near_LoA	-11,2019093	-0,033	0,305
CHR8	19286179	CHR8:19286179	SSF x Near_LoA	-10,2157678	0,039	0,306
CHR8	19292050	CHR8:19292050	SSF x Near_LoA	-9,22050262	-0,018	0,320
CHR8	19292136	CHR8:19292136	SSF x Near_LoA	-8,14864576	-0,045	0,318
CHR8	19294075	CHR8:19294075	SSF x Near_LoA	-10,5172157	-0,076	0,322
CHR8	19294279	CHR8:19294279	SSF x Near_LoA	-7,33225654	0,123	0,314
CHR8	19294287	CHR8:19294287	SSF x Near_LoA	-10,9040113	-0,037	0,299
CHR8	19294331	CHR8:19294331	SSF x Near_LoA	-7,98470492	-0,025	0,298
CHR8	19298646	CHR8:19298646	SSF x Near_LoA	-8,47887353	0,054	0,307
CHR8	19302174	CHR8:19302174	SSF x Near_LoA	-11,3534608	-0,101	0,306
CHR8	19302203	CHR8:19302203	SSF x Near_LoA	-9,06368182	-0,094	0,312
CHR8	19302294	CHR8:19302294	SSF x Near_LoA	-8,79824873	-0,022	0,297
CHR8	19315689	CHR8:19315689	SSF x Near_LoA	-9,07570192	-0,060	0,307
CHR8	19315698	CHR8:19315698	SSF x Near_LoA	-10,170076	-0,091	0,286
CHR8	19315791	CHR8:19315791	SSF x Near_LoA	-8,61801991	-0,137	0,289
CHR8	19315840	CHR8:19315840	SSF x Near_LoA	-5,9100336	-0,150	0,308
CHR8	19315876	CHR8:19315876	SSF x Near_LoA	-10,4401829	-0,092	0,298
CHR8	19315877	CHR8:19315877	SSF x Near_LoA	-11,5450739	0,022	0,310
CHR8	19327522	CHR8:19327522	SSF x Near_LoA	-9,68478385	-0,005	0,306
CHR8	19327576	CHR8:19327576	SSF x Near_LoA	-7,44309572	-0,070	0,303
CHR8	19330039	CHR8:19330039	SSF x Near_LoA	4,31454308	-0,160	0,305
CHR8	19330108	CHR8:19330108	SSF x Near_LoA	-9,64806948	0,031	0,322
CHR8	19330124	CHR8:19330124	SSF x Near_LoA	-10,2624346	0,059	0,300
CHR8	19330206	CHR8:19330206	SSF x Near_LoA	-7,74076908	-0,134	0,321
CHR8	19330211	CHR8:19330211	SSF x Near_LoA	-9,62285179	0,045	0,315
CHR8	19330252	CHR8:19330252	SSF x Near_LoA	-5,64232606	-0,043	0,306
CHR8	19332435	CHR8:19332435	SSF x Near_LoA	-8,58524754	0,035	0,302
CHR8	19332444	CHR8:19332444	SSF x Near_LoA	-8,24998454	-0,002	0,321
CHR8	19339232	CHR8:19339232	SSF x Near_LoA	-7,87621452	0,024	0,326
CHR8	19349431	CHR8:19349431	SSF x Near_LoA	-9,50675118	0,019	0,285
CHR8	19349452	CHR8:19349452	SSF x Near_LoA	-9,22944334	0,028	0,295
CHR8	19349470	CHR8:19349470	SSF x Near_LoA	-6,99608937	0,143	0,291
CHR8	19351451	CHR8:19351451	SSF x Near_LoA	-10,0198147	0,098	0,296
CHR8	19369216	CHR8:19369216	SSF x Near_LoA	-9,51671208	0,030	0,312
CHR8	19369249	CHR8:19369249	SSF x Near_LoA	-11,967071	-0,048	0,310
CHR8	19369462	CHR8:19369462	SSF x Near_LoA	-10,0856886	0,007	0,307
CHR8	19369493	CHR8:19369493	SSF x Near_LoA	-3,91136753	0,006	0,298
CHR8	19369525	CHR8:19369525	SSF x Near_LoA	-9,12029542	0,064	0,293
CHR8	19373423	CHR8:19373423	SSF x Near_LoA	-7,11032554	-0,019	0,294
CHR8	19378843	CHR8:19378843	SSF x Near_LoA	-10,8423077	-0,032	0,316
CHR8	19378881	CHR8:19378881	SSF x Near_LoA	-8,84842449	0,006	0,312
CHR8	19379069	CHR8:19379069	SSF x Near_LoA	-8,17270011	0,051	0,324
CHR8	19379137	CHR8:19379137	SSF x Near_LoA	-7,43107884	-0,059	0,303
CHR8	19379176	CHR8:19379176	SSF x Near_LoA	-9,06226801	0,010	0,303
CHR8	19379200	CHR8:19379200	SSF x Near_LoA	-11,1088001	-0,026	0,323
CHR8	19384046	CHR8:19384046	SSF x Near_LoA	-7,99375943	-0,088	0,305
CHR8	19384467	CHR8:19384467	SSF x Near_LoA	-8,44838033	-0,070	0,302
CHR8	19388617	CHR8:19388617	SSF x Near_LoA	-8,42818959	-0,055	0,306
CHR8	19388664	CHR8:19388664	SSF x Near_LoA	-11,0150136	-0,047	0,314
CHR8	19388774	CHR8:19388774	SSF x Near_LoA	-9,74998198	0,030	0,312
CHR8	19388793	CHR8:19388793	SSF x Near_LoA	-9,07650343	0,032	0,312
CHR8	19388856	CHR8:19388856	SSF x Near_LoA	-8,91776476	0,018	0,318

CHR8	19389962	CHR8:19389962	SSF x Near_LoA	-8,55604091	-0,020	0,296
CHR8	19389981	CHR8:19389981	SSF x Near_LoA	-9,32944222	0,041	0,314
CHR8	19390015	CHR8:19390015	SSF x Near_LoA	-7,24394113	0,204	0,291
CHR8	19415538	CHR8:19415538	SSF x Near_LoA	-10,0258145	-0,017	0,300
CHR8	19418549	CHR8:19418549	SSF x Near_LoA	-9,95528152	-0,154	0,300
CHR8	19421758	CHR8:19421758	SSF x Near_LoA	-11,4250198	-0,016	0,305
CHR8	19421810	CHR8:19421810	SSF x Near_LoA	-4,22364832	-0,143	0,306
CHR8	19421842	CHR8:19421842	SSF x Near_LoA	-6,10827486	0,191	0,296
CHR8	194339	CHR8:194339	SSF x Near_LoA	-10,754626	0,053	0,310
CHR8	19443324	CHR8:19443324	SSF x Near_LoA	-8,70631178	-0,081	0,309
CHR8	19443486	CHR8:19443486	SSF x Near_LoA	-9,63798828	-0,077	0,307
CHR8	19446601	CHR8:19446601	SSF x Near_LoA	-7,96574672	0,094	0,316
CHR8	19446634	CHR8:19446634	SSF x Near_LoA	-8,27085592	0,069	0,307
CHR8	19446660	CHR8:19446660	SSF x Near_LoA	-9,90130436	-0,085	0,313
CHR8	19446668	CHR8:19446668	SSF x Near_LoA	-8,71729117	-0,084	0,309
CHR8	19446671	CHR8:19446671	SSF x Near_LoA	-8,23532414	-0,053	0,302
CHR8	19446677	CHR8:19446677	SSF x Near_LoA	-7,96428258	0,065	0,317
CHR8	19446681	CHR8:19446681	SSF x Near_LoA	-11,4347088	0,106	0,321
CHR8	19446706	CHR8:19446706	SSF x Near_LoA	-9,61820221	-0,047	0,303
CHR8	19454339	CHR8:19454339	SSF x Near_LoA	-8,29572165	0,111	0,294
CHR8	19454397	CHR8:19454397	SSF x Near_LoA	-11,4847037	-0,025	0,318
CHR8	19454464	CHR8:19454464	SSF x Near_LoA	-11,9040386	-0,036	0,308
CHR8	19463563	CHR8:19463563	SSF x Near_LoA	-5,46150344	-0,030	0,321
CHR8	19463619	CHR8:19463619	SSF x Near_LoA	-8,12702029	-0,017	0,303
CHR8	19472158	CHR8:19472158	SSF x Near_LoA	-10,1521257	0,142	0,306
CHR8	19475782	CHR8:19475782	SSF x Near_LoA	-8,94603265	0,110	0,316
CHR8	19475798	CHR8:19475798	SSF x Near_LoA	-11,6248814	-0,029	0,303
CHR8	19475828	CHR8:19475828	SSF x Near_LoA	-10,1133434	-0,115	0,306
CHR8	19475860	CHR8:19475860	SSF x Near_LoA	-8,97146768	0,077	0,307
CHR8	19475921	CHR8:19475921	SSF x Near_LoA	-10,2328455	-0,031	0,302
CHR8	19482053	CHR8:19482053	SSF x Near_LoA	7,95389605	0,112	0,312
CHR8	19482174	CHR8:19482174	SSF x Near_LoA	-10,7718147	0,068	0,309
CHR8	19482252	CHR8:19482252	SSF x Near_LoA	-8,60922534	-0,024	0,310
CHR8	19482395	CHR8:19482395	SSF x Near_LoA	-9,16561108	0,008	0,308
CHR8	19482402	CHR8:19482402	SSF x Near_LoA	-7,06363594	-0,119	0,301
CHR8	19482420	CHR8:19482420	SSF x Near_LoA	-9,39410759	0,054	0,307
CHR8	19487493	CHR8:19487493	SSF x Near_LoA	-9,26804893	-0,083	0,300
CHR8	19487627	CHR8:19487627	SSF x Near_LoA	-7,7297774	0,040	0,308
CHR8	19487657	CHR8:19487657	SSF x Near_LoA	-7,86849743	0,006	0,307
CHR8	19487692	CHR8:19487692	SSF x Near_LoA	-3,65785524	-0,119	0,309
CHR8	2E+07	CHR8:19509872	SSF x Near_LoA	-11,5966656	0,039	0,308
CHR8	2E+07	CHR8:19512162	SSF x Near_LoA	-4,18261761	-0,123	0,309
CHR8	2E+07	CHR8:19519987	SSF x Near_LoA	-7,72369595	0,088	0,311
CHR8	2E+07	CHR8:19520140	SSF x Near_LoA	-8,09243678	-0,087	0,314
CHR8	2E+07	CHR8:19530507	SSF x Near_LoA	-9,9961629	0,050	0,305
CHR8	2E+07	CHR8:19530519	SSF x Near_LoA	-7,83378891	-0,099	0,302
CHR8	2E+07	CHR8:19530555	SSF x Near_LoA	-2,50165973	0,008	0,315
CHR8	2E+07	CHR8:19530592	SSF x Near_LoA	-9,9904478	-0,053	0,320
CHR8	2E+07	CHR8:19535501	SSF x Near_LoA	-10,193623	0,113	0,307
CHR8	2E+07	CHR8:19539085	SSF x Near_LoA	-8,55889606	-0,064	0,325
CHR8	2E+07	CHR8:19556601	SSF x Near_LoA	-8,14988173	0,058	0,314
CHR8	2E+07	CHR8:19563628	SSF x Near_LoA	-9,59431048	0,079	0,305
CHR8	2E+07	CHR8:19568340	SSF x Near_LoA	-8,9695312	0,049	0,306

CHR8	2E+07	CHR8:19578742	SSF x Near_LoA	-8,91566508	0,036	0,309
CHR8	2E+07	CHR8:19582712	SSF x Near_LoA	-10,0331659	0,008	0,312
CHR8	2E+07	CHR8:19586458	SSF x Near_LoA	-8,2882016	0,008	0,316
CHR8	2E+07	CHR8:19586464	SSF x Near_LoA	-8,39364573	-0,079	0,308
CHR8	2E+07	CHR8:19586587	SSF x Near_LoA	-9,13455207	0,024	0,308
CHR8	2E+07	CHR8:19590080	SSF x Near_LoA	-8,18810146	-0,024	0,312
CHR8	2E+07	CHR8:19590100	SSF x Near_LoA	-8,18690096	-0,057	0,301
CHR8	2E+07	CHR8:19598033	SSF x Near_LoA	-9,67390024	-0,036	0,303
CHR8	2E+07	CHR8:19598103	SSF x Near_LoA	-9,47848249	0,036	0,318
CHR8	2E+07	CHR8:19598104	SSF x Near_LoA	-8,36495782	0,019	0,313
CHR8	2E+07	CHR8:19598111	SSF x Near_LoA	-2,61761952	0,039	0,315
CHR8	2E+07	CHR8:19598119	SSF x Near_LoA	-9,34288216	0,012	0,306
CHR8	2E+07	CHR8:19603743	SSF x Near_LoA	-8,05768058	-0,016	0,296
CHR8	2E+07	CHR8:19603773	SSF x Near_LoA	-10,1501668	0,098	0,299
CHR8	2E+07	CHR8:19603793	SSF x Near_LoA	-8,21596122	0,029	0,305
CHR8	2E+07	CHR8:19603861	SSF x Near_LoA	-10,044655	-0,018	0,324
CHR8	2E+07	CHR8:19613916	SSF x Near_LoA	-10,9828886	-0,047	0,308
CHR8	2E+07	CHR8:19613928	SSF x Near_LoA	-8,84514932	-0,060	0,318
CHR8	2E+07	CHR8:19613940	SSF x Near_LoA	-9,86336019	-0,044	0,307
CHR8	2E+07	CHR8:19613953	SSF x Near_LoA	-11,6135642	-0,060	0,300
CHR8	2E+07	CHR8:19616005	SSF x Near_LoA	-10,513393	0,060	0,307
CHR8	2E+07	CHR8:19626552	SSF x Near_LoA	-9,00487858	-0,028	0,304
CHR8	2E+07	CHR8:19626671	SSF x Near_LoA	-7,1524978	0,116	0,295
CHR8	2E+07	CHR8:19630375	SSF x Near_LoA	-3,71164148	0,220	0,285
CHR8	2E+07	CHR8:19630387	SSF x Near_LoA	-2,34856259	0,245	0,306
CHR8	2E+07	CHR8:19630400	SSF x Near_LoA	-7,14438378	0,188	0,298
CHR8	2E+07	CHR8:19630441	SSF x Near_LoA	-8,19652739	0,010	0,310
CHR8	2E+07	CHR8:19671352	SSF x Near_LoA	-12,1385535	0,063	0,296
CHR8	2E+07	CHR8:19671356	SSF x Near_LoA	-8,58237869	0,077	0,307
CHR8	2E+07	CHR8:19687017	SSF x Near_LoA	-6,62909199	0,163	0,296
CHR8	2E+07	CHR8:19687082	SSF x Near_LoA	-11,81091	0,009	0,314
CHR8	2E+07	CHR8:19687111	SSF x Near_LoA	-9,29355533	-0,056	0,297
CHR8	2E+07	CHR8:19691050	SSF x Near_LoA	-9,08144616	-0,184	0,293
CHR8	2E+07	CHR8:19691061	SSF x Near_LoA	-9,63158411	-0,048	0,321
CHR8	2E+07	CHR8:19691103	SSF x Near_LoA	-3,52490979	0,080	0,310
CHR8	2E+07	CHR8:19691108	SSF x Near_LoA	-9,8478853	-0,057	0,307
CHR8	2E+07	CHR8:19691129	SSF x Near_LoA	-9,26454552	-0,013	0,306
CHR8	2E+07	CHR8:19691142	SSF x Near_LoA	0,16654146	-0,206	0,300
CHR8	2E+07	CHR8:19691144	SSF x Near_LoA	-6,69783569	-0,195	0,305
CHR8	2E+07	CHR8:19696274	SSF x Near_LoA	-10,4748202	0,066	0,303
CHR8	2E+07	CHR8:19696376	SSF x Near_LoA	-5,74223649	-0,197	0,296
CHR8	2E+07	CHR8:19707788	SSF x Near_LoA	-9,76432454	0,096	0,307
CHR8	2E+07	CHR8:19707793	SSF x Near_LoA	-11,6473589	-0,021	0,310
CHR8	2E+07	CHR8:19723761	SSF x Near_LoA	2,2658913	0,070	0,318
CHR8	2E+07	CHR8:19723817	SSF x Near_LoA	-9,91294052	-0,088	0,299
CHR8	2E+07	CHR8:19734244	SSF x Near_LoA	-7,30731502	-0,067	0,307
CHR8	2E+07	CHR8:19736188	SSF x Near_LoA	-9,0020217	0,052	0,304
CHR8	2E+07	CHR8:19736244	SSF x Near_LoA	-9,84635414	0,087	0,315
CHR8	2E+07	CHR8:19738109	SSF x Near_LoA	-10,5215259	-0,098	0,301
CHR8	2E+07	CHR8:19738115	SSF x Near_LoA	-9,61120712	-0,098	0,307
CHR8	2E+07	CHR8:19738116	SSF x Near_LoA	-11,3687812	0,027	0,310
CHR8	2E+07	CHR8:19738180	SSF x Near_LoA	-9,03658308	-0,067	0,300
CHR8	2E+07	CHR8:19738343	SSF x Near_LoA	-9,32602857	-0,026	0,315

CHR8	2E+07	CHR8:19765169	SSF x Near_LoA	-9,92427703	-0,048	0,303
CHR8	2E+07	CHR8:19774730	SSF x Near_LoA	-11,7768601	0,027	0,301
CHR8	2E+07	CHR8:19774731	SSF x Near_LoA	-9,90680663	0,118	0,299
CHR8	2E+07	CHR8:19780785	SSF x Near_LoA	-8,8753188	-0,056	0,309
CHR8	2E+07	CHR8:19780827	SSF x Near_LoA	-7,64061708	0,166	0,301
CHR8	2E+07	CHR8:19780869	SSF x Near_LoA	-6,29698139	-0,065	0,320
CHR8	2E+07	CHR8:19780883	SSF x Near_LoA	-7,56580811	0,141	0,310
CHR8	1978230	CHR8:1978230	SSF x Near_LoA	-8,92653424	0,064	0,306
CHR8	1978256	CHR8:1978256	SSF x Near_LoA	-11,0589057	0,070	0,322
CHR8	2E+07	CHR8:19788217	SSF x Near_LoA	-11,5348405	0,025	0,299
CHR8	2E+07	CHR8:19804342	SSF x Near_LoA	-8,26226068	0,080	0,316
CHR8	2E+07	CHR8:19805843	SSF x Near_LoA	-7,57453247	-0,060	0,312
CHR8	2E+07	CHR8:19805915	SSF x Near_LoA	-8,88231632	0,083	0,298
CHR8	2E+07	CHR8:19805972	SSF x Near_LoA	-8,34742048	0,047	0,309
CHR8	2E+07	CHR8:19806014	SSF x Near_LoA	-9,7432548	0,046	0,309
CHR8	2E+07	CHR8:19812363	SSF x Near_LoA	-9,01001587	0,068	0,319
CHR8	2E+07	CHR8:19812384	SSF x Near_LoA	-9,90928148	-0,033	0,317
CHR8	2E+07	CHR8:19820198	SSF x Near_LoA	-7,12623508	-0,078	0,301
CHR8	2E+07	CHR8:19820222	SSF x Near_LoA	-8,96842485	-0,041	0,313
CHR8	2E+07	CHR8:19820274	SSF x Near_LoA	-5,98631617	0,029	0,328
CHR8	2E+07	CHR8:19831413	SSF x Near_LoA	-8,37621664	-0,160	0,292
CHR8	2E+07	CHR8:19831503	SSF x Near_LoA	-10,2302332	0,060	0,311
CHR8	2E+07	CHR8:19832393	SSF x Near_LoA	-8,10219359	-0,152	0,317
CHR8	2E+07	CHR8:19832405	SSF x Near_LoA	-10,266073	-0,036	0,309
CHR8	2E+07	CHR8:19842700	SSF x Near_LoA	-11,6880237	0,091	0,289
CHR8	2E+07	CHR8:19842738	SSF x Near_LoA	-4,37111642	0,160	0,291
CHR8	2E+07	CHR8:19842797	SSF x Near_LoA	-8,6089824	-0,096	0,311
CHR8	2E+07	CHR8:19843235	SSF x Near_LoA	-8,55694663	-0,137	0,312
CHR8	2E+07	CHR8:19843277	SSF x Near_LoA	-4,88651666	0,143	0,296
CHR8	2E+07	CHR8:19846411	SSF x Near_LoA	-9,18164944	-0,013	0,313
CHR8	2E+07	CHR8:19846578	SSF x Near_LoA	-10,0191549	0,011	0,311
CHR8	2E+07	CHR8:19846667	SSF x Near_LoA	-8,58825759	0,052	0,312
CHR8	2E+07	CHR8:19848497	SSF x Near_LoA	-9,02656596	0,005	0,319
CHR8	2E+07	CHR8:19848515	SSF x Near_LoA	-11,032499	0,073	0,297
CHR8	2E+07	CHR8:19852450	SSF x Near_LoA	-11,3884077	-0,022	0,317
CHR8	2E+07	CHR8:19852464	SSF x Near_LoA	-9,65922536	-0,010	0,303
CHR8	2E+07	CHR8:19852570	SSF x Near_LoA	-7,47659088	-0,039	0,328
CHR8	2E+07	CHR8:19857198	SSF x Near_LoA	-9,57056233	-0,005	0,313
CHR8	2E+07	CHR8:19857239	SSF x Near_LoA	-8,64036872	0,021	0,298
CHR8	2E+07	CHR8:19859416	SSF x Near_LoA	-9,32210718	-0,076	0,303
CHR8	2E+07	CHR8:19859614	SSF x Near_LoA	-9,26572514	0,019	0,315
CHR8	2E+07	CHR8:19859693	SSF x Near_LoA	-8,46494998	0,005	0,320
CHR8	2E+07	CHR8:19877134	SSF x Near_LoA	-9,579285	-0,089	0,314
CHR8	2E+07	CHR8:19877141	SSF x Near_LoA	-8,0330094	0,027	0,314
CHR8	2E+07	CHR8:19877201	SSF x Near_LoA	-8,98253957	0,066	0,314
CHR8	2E+07	CHR8:19877348	SSF x Near_LoA	-9,72730136	-0,119	0,306
CHR8	2E+07	CHR8:19877350	SSF x Near_LoA	-10,5082682	-0,032	0,321
CHR8	2E+07	CHR8:19884866	SSF x Near_LoA	-8,17981205	0,045	0,312
CHR8	2E+07	CHR8:19884891	SSF x Near_LoA	-8,78302198	0,022	0,301
CHR8	2E+07	CHR8:19886874	SSF x Near_LoA	-9,57978997	0,065	0,319
CHR8	2E+07	CHR8:19886889	SSF x Near_LoA	-8,19858934	-0,073	0,311
CHR8	2E+07	CHR8:19893520	SSF x Near_LoA	-5,22412657	0,163	0,304
CHR8	2E+07	CHR8:19893699	SSF x Near_LoA	-6,91231928	0,204	0,298

CHR8	2E+07	CHR8:19901748	SSF x Near_LoA	-11,1239391	0,007	0,314
CHR8	2E+07	CHR8:19901751	SSF x Near_LoA	-7,20299073	-0,053	0,308
CHR8	2E+07	CHR8:19901755	SSF x Near_LoA	-8,13527042	-0,061	0,293
CHR8	2E+07	CHR8:19904008	SSF x Near_LoA	-10,5461585	0,031	0,292
CHR8	2E+07	CHR8:19904566	SSF x Near_LoA	-11,0645595	0,032	0,308
CHR8	2E+07	CHR8:19904586	SSF x Near_LoA	-11,2444057	-0,037	0,300
CHR8	2E+07	CHR8:19904611	SSF x Near_LoA	-10,0030547	-0,006	0,305
CHR8	2E+07	CHR8:19904627	SSF x Near_LoA	-9,07957092	0,025	0,319
CHR8	2E+07	CHR8:19905292	SSF x Near_LoA	-5,057774	-0,001	0,315
CHR8	2E+07	CHR8:19911423	SSF x Near_LoA	-7,94200109	0,108	0,304
CHR8	2E+07	CHR8:19911470	SSF x Near_LoA	-8,38003307	0,056	0,309
CHR8	2E+07	CHR8:19911485	SSF x Near_LoA	-9,44658596	-0,061	0,299
CHR8	2E+07	CHR8:19922265	SSF x Near_LoA	-6,01446672	-0,179	0,300
CHR8	2E+07	CHR8:19928968	SSF x Near_LoA	-11,2878367	-0,094	0,300
CHR8	2E+07	CHR8:19929550	SSF x Near_LoA	-9,52831898	-0,033	0,307
CHR8	2E+07	CHR8:19949360	SSF x Near_LoA	-8,62933297	-0,058	0,309
CHR8	2E+07	CHR8:19955967	SSF x Near_LoA	-8,69844882	0,070	0,306
CHR8	2E+07	CHR8:19966898	SSF x Near_LoA	-9,84090287	0,085	0,289
CHR8	2E+07	CHR8:19966926	SSF x Near_LoA	-10,5112644	0,106	0,299
CHR8	2E+07	CHR8:19966976	SSF x Near_LoA	-8,70419288	0,040	0,306
CHR8	2E+07	CHR8:19966979	SSF x Near_LoA	-9,92943471	-0,045	0,309
CHR8	2E+07	CHR8:19966988	SSF x Near_LoA	-9,16258735	0,035	0,304
CHR8	1996708	CHR8:1996708	SSF x Near_LoA	-8,44911998	-0,020	0,311
CHR8	2E+07	CHR8:19967143	SSF x Near_LoA	-11,0442145	0,058	0,295
CHR8	2E+07	CHR8:19979512	SSF x Near_LoA	-9,16388078	0,083	0,310
CHR8	2E+07	CHR8:19982348	SSF x Near_LoA	-11,4861264	-0,056	0,314
CHR8	2E+07	CHR8:19982385	SSF x Near_LoA	-10,5928345	-0,049	0,293
CHR8	2E+07	CHR8:19982392	SSF x Near_LoA	-9,56321513	-0,078	0,312
CHR8	2E+07	CHR8:19982429	SSF x Near_LoA	-3,50342562	0,163	0,297
CHR8	2E+07	CHR8:19982434	SSF x Near_LoA	-6,33595968	0,136	0,307
CHR8	2E+07	CHR8:19982450	SSF x Near_LoA	-7,47223962	-0,092	0,307
CHR8	2E+07	CHR8:19984221	SSF x Near_LoA	-10,3121291	0,029	0,309
CHR8	2E+07	CHR8:19984235	SSF x Near_LoA	-9,62587081	-0,003	0,311
CHR8	2E+07	CHR8:19986176	SSF x Near_LoA	-10,4556092	-0,011	0,294
CHR8	2E+07	CHR8:19986731	SSF x Near_LoA	-7,38297146	0,083	0,305
CHR8	2E+07	CHR8:19999784	SSF x Near_LoA	-10,1325239	-0,066	0,299
CHR8	2E+07	CHR8:19999838	SSF x Near_LoA	-8,77732366	-0,036	0,309
CHR8	2E+07	CHR8:20000687	SSF x Near_LoA	-9,78087799	-0,021	0,304
CHR8	2E+07	CHR8:20004856	SSF x Near_LoA	-11,8728574	0,036	0,303
CHR8	2E+07	CHR8:20004896	SSF x Near_LoA	-5,03180649	-0,200	0,304
CHR8	2E+07	CHR8:20005033	SSF x Near_LoA	-10,4859585	0,033	0,310
CHR8	2E+07	CHR8:20005063	SSF x Near_LoA	-10,8155515	-0,118	0,302
CHR8	2E+07	CHR8:20009300	SSF x Near_LoA	-10,9011064	0,000	0,310
CHR8	2E+07	CHR8:20010163	SSF x Near_LoA	-7,63591428	0,089	0,306
CHR8	2E+07	CHR8:20014796	SSF x Near_LoA	-6,19365203	-0,024	0,326
CHR8	2E+07	CHR8:20014807	SSF x Near_LoA	-7,54225572	-0,060	0,298
CHR8	2E+07	CHR8:20014846	SSF x Near_LoA	-9,2375325	0,008	0,287
CHR8	2E+07	CHR8:20014908	SSF x Near_LoA	-9,25256816	-0,096	0,310
CHR8	2E+07	CHR8:20014978	SSF x Near_LoA	-9,11794074	-0,087	0,328
CHR8	2E+07	CHR8:20018496	SSF x Near_LoA	-9,33538564	-0,066	0,309
CHR8	2E+07	CHR8:20018554	SSF x Near_LoA	-7,95610515	0,057	0,299
CHR8	2E+07	CHR8:20020670	SSF x Near_LoA	-11,3543608	0,138	0,297
CHR8	2E+07	CHR8:20021471	SSF x Near_LoA	-9,00383338	0,078	0,313

CHR8	2E+07	CHR8:20021478	SSF x Near_LoA	-8,7802427	0,023	0,310
CHR8	2E+07	CHR8:20021493	SSF x Near_LoA	-8,89045126	0,034	0,314
CHR8	2E+07	CHR8:20021542	SSF x Near_LoA	-9,1913215	-0,020	0,303
CHR8	2E+07	CHR8:20029920	SSF x Near_LoA	-9,09227381	-0,058	0,305
CHR8	2E+07	CHR8:20029928	SSF x Near_LoA	-9,00795499	0,042	0,314
CHR8	2E+07	CHR8:20030170	SSF x Near_LoA	-8,13423475	-0,034	0,327
CHR8	2E+07	CHR8:20035616	SSF x Near_LoA	-8,44991911	-0,014	0,304
CHR8	2E+07	CHR8:20035657	SSF x Near_LoA	-7,9807963	0,105	0,302
CHR8	2E+07	CHR8:20035659	SSF x Near_LoA	-11,637209	-0,080	0,309
CHR8	2E+07	CHR8:20035671	SSF x Near_LoA	-7,06246902	-0,108	0,296
CHR8	2E+07	CHR8:20035692	SSF x Near_LoA	-10,1096904	0,015	0,313
CHR8	2E+07	CHR8:20035698	SSF x Near_LoA	-11,7934368	-0,013	0,300
CHR8	2E+07	CHR8:20035710	SSF x Near_LoA	-12,0309679	-0,031	0,301
CHR8	2E+07	CHR8:20035791	SSF x Near_LoA	-8,41550818	0,076	0,311
CHR8	2E+07	CHR8:20035830	SSF x Near_LoA	-8,38180234	-0,091	0,305
CHR8	2E+07	CHR8:20035920	SSF x Near_LoA	-7,2533281	-0,003	0,320
CHR8	2E+07	CHR8:20040601	SSF x Near_LoA	-8,79553434	-0,067	0,313
CHR8	2E+07	CHR8:20040612	SSF x Near_LoA	-11,054987	0,029	0,313
CHR8	2E+07	CHR8:20040613	SSF x Near_LoA	-7,93838796	-0,092	0,311
CHR8	2E+07	CHR8:20040638	SSF x Near_LoA	-6,09994231	0,059	0,314
CHR8	2E+07	CHR8:20043069	SSF x Near_LoA	-10,641043	0,088	0,293
CHR8	2E+07	CHR8:20043141	SSF x Near_LoA	-9,26861957	-0,043	0,290
CHR8	2E+07	CHR8:20043202	SSF x Near_LoA	-7,53452071	0,124	0,290
CHR8	2E+07	CHR8:20051363	SSF x Near_LoA	-7,4141063	0,067	0,306
CHR8	2E+07	CHR8:20051585	SSF x Near_LoA	-8,11832002	-0,072	0,305
CHR8	2E+07	CHR8:20053166	SSF x Near_LoA	-8,46401305	0,148	0,298
CHR8	2E+07	CHR8:20055684	SSF x Near_LoA	-9,61862506	-0,019	0,316
CHR8	2E+07	CHR8:20055695	SSF x Near_LoA	-6,06838798	0,013	0,314
CHR8	2E+07	CHR8:20055863	SSF x Near_LoA	-10,9932119	0,080	0,299
CHR8	2E+07	CHR8:20057633	SSF x Near_LoA	0,34026306	-0,179	0,289
CHR8	2E+07	CHR8:20060400	SSF x Near_LoA	-7,77885815	0,107	0,298
CHR8	2E+07	CHR8:20060428	SSF x Near_LoA	-7,35975307	0,145	0,305
CHR8	2E+07	CHR8:20060429	SSF x Near_LoA	-8,18484201	0,111	0,300
CHR8	2E+07	CHR8:20069585	SSF x Near_LoA	-10,3141072	0,014	0,286
CHR8	2E+07	CHR8:20072089	SSF x Near_LoA	-4,72958127	0,064	0,315
CHR8	2E+07	CHR8:20073415	SSF x Near_LoA	-9,05660425	0,075	0,307
CHR8	2E+07	CHR8:20073571	SSF x Near_LoA	-7,27322719	0,128	0,297
CHR8	2E+07	CHR8:20078102	SSF x Near_LoA	-5,32119794	-0,124	0,286
CHR8	2E+07	CHR8:20078148	SSF x Near_LoA	5,38069786	-0,132	0,302
CHR8	2E+07	CHR8:20078275	SSF x Near_LoA	-9,18845106	-0,087	0,301
CHR8	2E+07	CHR8:20078279	SSF x Near_LoA	-9,25634264	-0,083	0,300
CHR8	2008702	CHR8:2008702	SSF x Near_LoA	-9,44094836	0,063	0,301
CHR8	2008723	CHR8:2008723	SSF x Near_LoA	-7,87680385	-0,092	0,304
CHR8	2008800	CHR8:2008800	SSF x Near_LoA	-10,581576	0,054	0,301
CHR8	2009374	CHR8:2009374	SSF x Near_LoA	-8,59109905	-0,047	0,314
CHR8	2E+07	CHR8:20096100	SSF x Near_LoA	-3,53314248	0,164	0,283
CHR8	2E+07	CHR8:20096203	SSF x Near_LoA	-8,49761306	-0,003	0,319
CHR8	2E+07	CHR8:20100042	SSF x Near_LoA	-10,6790993	0,067	0,303
CHR8	2E+07	CHR8:20100136	SSF x Near_LoA	-8,55411226	-0,035	0,309
CHR8	2E+07	CHR8:20102405	SSF x Near_LoA	-8,06133244	0,114	0,314
CHR8	2E+07	CHR8:20102414	SSF x Near_LoA	-9,26140272	0,097	0,297
CHR8	2E+07	CHR8:20102415	SSF x Near_LoA	-8,67106921	0,067	0,303
CHR8	2E+07	CHR8:20102496	SSF x Near_LoA	-5,62010783	-0,217	0,303

CHR8	2E+07	CHR8:20104134	SSF x Near_LoA	-9,2997153	-0,049	0,312
CHR8	2E+07	CHR8:20107618	SSF x Near_LoA	-10,411531	0,009	0,302
CHR8	2E+07	CHR8:20107680	SSF x Near_LoA	-9,91202007	0,004	0,310
CHR8	2E+07	CHR8:20108475	SSF x Near_LoA	-10,6236897	-0,070	0,307
CHR8	2E+07	CHR8:20112701	SSF x Near_LoA	-7,29951437	-0,147	0,307
CHR8	2E+07	CHR8:20112731	SSF x Near_LoA	-9,2558817	0,117	0,302
CHR8	2E+07	CHR8:20112781	SSF x Near_LoA	-8,64302606	-0,163	0,301
CHR8	2E+07	CHR8:20119440	SSF x Near_LoA	-9,66997548	-0,022	0,306
CHR8	2E+07	CHR8:20119500	SSF x Near_LoA	-6,57587651	0,097	0,295
CHR8	2E+07	CHR8:20120624	SSF x Near_LoA	-9,20132237	-0,056	0,317
CHR8	2E+07	CHR8:20120662	SSF x Near_LoA	-11,1450374	-0,014	0,314
CHR8	2E+07	CHR8:20120713	SSF x Near_LoA	-1,2233432	-0,024	0,320
CHR8	2E+07	CHR8:20122467	SSF x Near_LoA	-8,38170361	-0,057	0,307
CHR8	2E+07	CHR8:20124607	SSF x Near_LoA	-9,98162268	-0,022	0,304
CHR8	2E+07	CHR8:20141823	SSF x Near_LoA	-9,08061626	0,003	0,313
CHR8	2E+07	CHR8:20169296	SSF x Near_LoA	-8,14267877	-0,146	0,307
CHR8	2E+07	CHR8:20169329	SSF x Near_LoA	-8,62143196	-0,090	0,303
CHR8	2E+07	CHR8:20169358	SSF x Near_LoA	-11,008947	-0,063	0,295
CHR8	2E+07	CHR8:20169417	SSF x Near_LoA	-8,96375803	0,031	0,315
CHR8	2E+07	CHR8:20169457	SSF x Near_LoA	-10,1447093	-0,085	0,299
CHR8	2017152	CHR8:2017152	SSF x Near_LoA	-9,65232882	-0,124	0,298
CHR8	2E+07	CHR8:20171538	SSF x Near_LoA	-8,20363269	-0,122	0,302
CHR8	2E+07	CHR8:20171576	SSF x Near_LoA	-6,48790092	-0,168	0,303
CHR8	2E+07	CHR8:20171577	SSF x Near_LoA	-7,84465849	-0,170	0,298
CHR8	2E+07	CHR8:20172002	SSF x Near_LoA	-5,7662215	-0,110	0,312
CHR8	2E+07	CHR8:20172013	SSF x Near_LoA	-9,42840555	-0,006	0,308
CHR8	2E+07	CHR8:20177617	SSF x Near_LoA	-11,1546742	-0,011	0,309
CHR8	2E+07	CHR8:20186751	SSF x Near_LoA	-9,52860561	-0,042	0,316
CHR8	2E+07	CHR8:20191030	SSF x Near_LoA	-11,5509759	-0,102	0,298
CHR8	2E+07	CHR8:20191892	SSF x Near_LoA	-10,1349758	0,000	0,305
CHR8	2E+07	CHR8:20191964	SSF x Near_LoA	-6,40973844	-0,079	0,319
CHR8	2E+07	CHR8:20192018	SSF x Near_LoA	-11,2450641	-0,031	0,317
CHR8	2E+07	CHR8:20193477	SSF x Near_LoA	-11,5298379	0,123	0,297
CHR8	2E+07	CHR8:20193599	SSF x Near_LoA	-8,08085375	-0,168	0,298
CHR8	2E+07	CHR8:20201047	SSF x Near_LoA	-8,26802656	0,233	0,287
CHR8	2E+07	CHR8:20201244	SSF x Near_LoA	-9,80054807	-0,014	0,303
CHR8	2020332	CHR8:2020332	SSF x Near_LoA	-5,98623227	0,004	0,305
CHR8	2020411	CHR8:2020411	SSF x Near_LoA	-10,0500078	-0,007	0,298
CHR8	2020432	CHR8:2020432	SSF x Near_LoA	-8,39438595	0,024	0,313
CHR8	2020452	CHR8:2020452	SSF x Near_LoA	-9,85241339	0,008	0,281
CHR8	2020480	CHR8:2020480	SSF x Near_LoA	-12,3023749	0,019	0,305
CHR8	2E+07	CHR8:20208095	SSF x Near_LoA	-7,97099921	0,153	0,303
CHR8	2E+07	CHR8:20208103	SSF x Near_LoA	-10,0863671	0,086	0,299
CHR8	2E+07	CHR8:20208138	SSF x Near_LoA	-10,4827914	0,070	0,296
CHR8	2E+07	CHR8:20211929	SSF x Near_LoA	-10,7527035	0,042	0,305
CHR8	202279	CHR8:202279	SSF x Near_LoA	-9,59364096	0,055	0,309
CHR8	2E+07	CHR8:20232609	SSF x Near_LoA	-5,1513884	0,056	0,305
CHR8	2E+07	CHR8:20232611	SSF x Near_LoA	-8,17039842	0,046	0,297
CHR8	2E+07	CHR8:20232781	SSF x Near_LoA	-8,00488694	-0,029	0,300
CHR8	2E+07	CHR8:20254343	SSF x Near_LoA	-9,68138185	0,034	0,321
CHR8	2E+07	CHR8:20254366	SSF x Near_LoA	-9,57863413	-0,073	0,306
CHR8	2E+07	CHR8:20256514	SSF x Near_LoA	-8,40200475	0,070	0,318
CHR8	2E+07	CHR8:20256612	SSF x Near_LoA	-11,3837771	0,013	0,299

CHR8	2E+07	CHR8:20256642	SSF x Near_LoA	-7,33321012	-0,140	0,299
CHR8	2E+07	CHR8:20262424	SSF x Near_LoA	-8,27505287	-0,114	0,309
CHR8	2E+07	CHR8:20272754	SSF x Near_LoA	-4,18387408	-0,044	0,294
CHR8	2E+07	CHR8:20277096	SSF x Near_LoA	-8,80441395	0,071	0,300
CHR8	2E+07	CHR8:20285151	SSF x Near_LoA	-6,78012513	-0,133	0,307
CHR8	2E+07	CHR8:20285193	SSF x Near_LoA	-9,64364552	0,111	0,302
CHR8	2E+07	CHR8:20310315	SSF x Near_LoA	-11,3694894	-0,016	0,303
CHR8	2E+07	CHR8:20311922	SSF x Near_LoA	-9,70381972	0,055	0,303
CHR8	2E+07	CHR8:20324672	SSF x Near_LoA	-9,97479628	0,093	0,286
CHR8	2E+07	CHR8:20335580	SSF x Near_LoA	-10,791724	-0,134	0,312
CHR8	2E+07	CHR8:20335679	SSF x Near_LoA	-7,32848912	-0,022	0,305
CHR8	2E+07	CHR8:20335789	SSF x Near_LoA	-8,99574078	-0,048	0,298
CHR8	2E+07	CHR8:20335816	SSF x Near_LoA	-10,1559485	0,072	0,306
CHR8	2E+07	CHR8:20341574	SSF x Near_LoA	-8,79067159	0,031	0,297
CHR8	2E+07	CHR8:20341579	SSF x Near_LoA	-11,3348672	-0,056	0,298
CHR8	2E+07	CHR8:20341724	SSF x Near_LoA	-10,5205495	-0,063	0,310
CHR8	2E+07	CHR8:20343066	SSF x Near_LoA	-11,1183956	-0,047	0,310
CHR8	2E+07	CHR8:20343153	SSF x Near_LoA	-11,6167238	0,060	0,304
CHR8	2E+07	CHR8:20343204	SSF x Near_LoA	-10,1870536	0,118	0,298
CHR8	2E+07	CHR8:20346438	SSF x Near_LoA	-8,21902223	0,022	0,311
CHR8	2E+07	CHR8:20346501	SSF x Near_LoA	-8,25829064	-0,075	0,308
CHR8	2E+07	CHR8:20346936	SSF x Near_LoA	-8,15179633	0,014	0,300
CHR8	2E+07	CHR8:20346975	SSF x Near_LoA	-7,24183398	0,053	0,309
CHR8	2E+07	CHR8:20351238	SSF x Near_LoA	-3,72257961	-0,008	0,318
CHR8	2E+07	CHR8:20357117	SSF x Near_LoA	-11,2559364	-0,039	0,289
CHR8	2E+07	CHR8:20357137	SSF x Near_LoA	-8,86931215	0,001	0,294
CHR8	2E+07	CHR8:20363322	SSF x Near_LoA	-9,67637329	0,050	0,324
CHR8	2E+07	CHR8:20363369	SSF x Near_LoA	-9,29930176	0,007	0,294
CHR8	2E+07	CHR8:20363405	SSF x Near_LoA	-4,03428056	0,141	0,288
CHR8	2E+07	CHR8:20363467	SSF x Near_LoA	-9,33841204	0,018	0,290
CHR8	2E+07	CHR8:20363478	SSF x Near_LoA	-10,3408227	-0,041	0,310
CHR8	2036811	CHR8:2036811	SSF x Near_LoA	-9,84379894	0,025	0,306
CHR8	2E+07	CHR8:20368593	SSF x Near_LoA	-11,2050803	-0,064	0,303
CHR8	2E+07	CHR8:20368730	SSF x Near_LoA	-9,41724911	-0,117	0,298
CHR8	2E+07	CHR8:20371005	SSF x Near_LoA	-10,5472228	-0,061	0,309
CHR8	2E+07	CHR8:20371025	SSF x Near_LoA	-7,80047631	0,032	0,328
CHR8	2E+07	CHR8:20381547	SSF x Near_LoA	-11,7088032	0,029	0,312
CHR8	2E+07	CHR8:20383288	SSF x Near_LoA	-11,9287782	-0,002	0,315
CHR8	2E+07	CHR8:20383387	SSF x Near_LoA	-8,01363101	-0,063	0,320
CHR8	2E+07	CHR8:20386135	SSF x Near_LoA	-9,6219793	-0,032	0,309
CHR8	2E+07	CHR8:20386166	SSF x Near_LoA	-9,32284766	-0,048	0,314
CHR8	2E+07	CHR8:20386239	SSF x Near_LoA	-9,84408686	0,013	0,307
CHR8	2E+07	CHR8:20386295	SSF x Near_LoA	-11,2489596	0,011	0,312
CHR8	2E+07	CHR8:20390267	SSF x Near_LoA	-11,0556555	0,039	0,306
CHR8	2E+07	CHR8:20395859	SSF x Near_LoA	-7,51371952	-0,016	0,296
CHR8	2E+07	CHR8:20395877	SSF x Near_LoA	-10,6428324	0,037	0,312
CHR8	2E+07	CHR8:20395878	SSF x Near_LoA	-11,3221842	-0,012	0,305
CHR8	2E+07	CHR8:20395883	SSF x Near_LoA	-10,6185282	0,053	0,309
CHR8	2E+07	CHR8:20396060	SSF x Near_LoA	-8,33217001	0,111	0,300
CHR8	2E+07	CHR8:20412806	SSF x Near_LoA	-11,0982607	-0,051	0,303
CHR8	2E+07	CHR8:20412902	SSF x Near_LoA	-8,26418606	-0,140	0,304
CHR8	2E+07	CHR8:20413104	SSF x Near_LoA	-10,9711471	0,099	0,306
CHR8	2E+07	CHR8:20417093	SSF x Near_LoA	-7,85178998	-0,017	0,319

CHR8	2E+07	CHR8:20417134	SSF x Near_LoA	-8,80265624	-0,014	0,315
CHR8	2E+07	CHR8:20423444	SSF x Near_LoA	-10,2775423	0,085	0,309
CHR8	2E+07	CHR8:20435128	SSF x Near_LoA	-10,4889513	-0,125	0,314
CHR8	2E+07	CHR8:20435143	SSF x Near_LoA	-6,8286914	-0,163	0,312
CHR8	2E+07	CHR8:20435144	SSF x Near_LoA	-8,6792009	-0,144	0,306
CHR8	2E+07	CHR8:20435159	SSF x Near_LoA	-11,8015872	0,023	0,305
CHR8	2E+07	CHR8:20439238	SSF x Near_LoA	-10,8294029	0,055	0,306
CHR8	2E+07	CHR8:20439331	SSF x Near_LoA	-10,0298568	-0,040	0,301
CHR8	2045095	CHR8:2045095	SSF x Near_LoA	-7,43357604	-0,035	0,311
CHR8	2E+07	CHR8:20453563	SSF x Near_LoA	-10,0055097	-0,072	0,298
CHR8	2E+07	CHR8:20453716	SSF x Near_LoA	-8,75329156	0,084	0,311
CHR8	2E+07	CHR8:20467687	SSF x Near_LoA	-9,58671987	-0,067	0,315
CHR8	2E+07	CHR8:20477056	SSF x Near_LoA	-9,79808489	-0,063	0,303
CHR8	2E+07	CHR8:20489488	SSF x Near_LoA	-11,2623697	-0,022	0,304
CHR8	2E+07	CHR8:20492459	SSF x Near_LoA	-9,56504937	-0,001	0,303
CHR8	20501627	CHR8:20501627	SSF x Near_LoA	-10,9669428	0,045	0,297
CHR8	20501817	CHR8:20501817	SSF x Near_LoA	-10,5036803	0,048	0,311
CHR8	20501924	CHR8:20501924	SSF x Near_LoA	-9,93866011	-0,056	0,303
CHR8	20507316	CHR8:20507316	SSF x Near_LoA	-8,61039459	-0,048	0,321
CHR8	20507431	CHR8:20507431	SSF x Near_LoA	-9,28928074	-0,023	0,310
CHR8	20507495	CHR8:20507495	SSF x Near_LoA	-5,90311981	0,140	0,310
CHR8	20508761	CHR8:20508761	SSF x Near_LoA	-9,1656935	-0,070	0,314
CHR8	20508856	CHR8:20508856	SSF x Near_LoA	-2,81628945	-0,123	0,315
CHR8	20516292	CHR8:20516292	SSF x Near_LoA	-8,76416427	0,044	0,319
CHR8	20516341	CHR8:20516341	SSF x Near_LoA	-11,7275493	0,019	0,304
CHR8	20516391	CHR8:20516391	SSF x Near_LoA	-8,97231302	-0,045	0,315
CHR8	20516437	CHR8:20516437	SSF x Near_LoA	-9,30102661	-0,044	0,306
CHR8	2051845	CHR8:2051845	SSF x Near_LoA	-9,3419162	0,020	0,315
CHR8	2051865	CHR8:2051865	SSF x Near_LoA	-10,6906579	0,056	0,303
CHR8	20521434	CHR8:20521434	SSF x Near_LoA	-12,3730292	-0,017	0,307
CHR8	20521507	CHR8:20521507	SSF x Near_LoA	-3,63033099	0,235	0,294
CHR8	20531931	CHR8:20531931	SSF x Near_LoA	-10,1156465	-0,103	0,301
CHR8	20537521	CHR8:20537521	SSF x Near_LoA	-11,9594651	-0,081	0,309
CHR8	20537545	CHR8:20537545	SSF x Near_LoA	-9,82339465	0,004	0,304
CHR8	20537573	CHR8:20537573	SSF x Near_LoA	-12,2139828	-0,034	0,301
CHR8	20538593	CHR8:20538593	SSF x Near_LoA	-9,08665004	0,037	0,330
CHR8	2054183	CHR8:2054183	SSF x Near_LoA	-9,99275896	-0,058	0,312
CHR8	20551603	CHR8:20551603	SSF x Near_LoA	-3,12766784	-0,114	0,320
CHR8	20551634	CHR8:20551634	SSF x Near_LoA	-7,00592943	0,110	0,319
CHR8	20571255	CHR8:20571255	SSF x Near_LoA	-10,3562048	0,034	0,315
CHR8	20576552	CHR8:20576552	SSF x Near_LoA	-7,53019095	-0,061	0,322
CHR8	20576558	CHR8:20576558	SSF x Near_LoA	-8,50983214	-0,024	0,318
CHR8	20577436	CHR8:20577436	SSF x Near_LoA	-11,5144885	-0,062	0,302
CHR8	20577995	CHR8:20577995	SSF x Near_LoA	-8,47994238	-0,042	0,305
CHR8	20578077	CHR8:20578077	SSF x Near_LoA	-8,84148636	0,109	0,307
CHR8	20583429	CHR8:20583429	SSF x Near_LoA	-11,6400605	0,011	0,309
CHR8	20583448	CHR8:20583448	SSF x Near_LoA	-7,7932352	0,035	0,323
CHR8	20583467	CHR8:20583467	SSF x Near_LoA	-10,0862055	0,128	0,295
CHR8	20587687	CHR8:20587687	SSF x Near_LoA	-11,1454438	0,016	0,324
CHR8	20592212	CHR8:20592212	SSF x Near_LoA	-5,31137296	0,152	0,308
CHR8	20592233	CHR8:20592233	SSF x Near_LoA	-5,2257682	0,101	0,304
CHR8	20593017	CHR8:20593017	SSF x Near_LoA	-10,905138	0,008	0,323
CHR8	20593037	CHR8:20593037	SSF x Near_LoA	-9,49936612	0,033	0,306

CHR8	20593049	CHR8:20593049	SSF x Near_LoA	-10,2355346	0,093	0,302
CHR8	20594994	CHR8:20594994	SSF x Near_LoA	-7,15021501	0,068	0,306
CHR8	2059736	CHR8:2059736	SSF x Near_LoA	-10,4187749	0,010	0,304
CHR8	2059738	CHR8:2059738	SSF x Near_LoA	-11,2938883	-0,019	0,304
CHR8	2059861	CHR8:2059861	SSF x Near_LoA	-4,3616528	-0,029	0,319
CHR8	20602695	CHR8:20602695	SSF x Near_LoA	-8,46039808	0,018	0,327
CHR8	20602758	CHR8:20602758	SSF x Near_LoA	-7,22271744	-0,115	0,311
CHR8	20602777	CHR8:20602777	SSF x Near_LoA	-9,30965861	0,047	0,317
CHR8	20602948	CHR8:20602948	SSF x Near_LoA	-10,3802013	-0,027	0,303
CHR8	20613930	CHR8:20613930	SSF x Near_LoA	-8,84023085	0,067	0,298
CHR8	20613962	CHR8:20613962	SSF x Near_LoA	-8,63560569	0,007	0,304
CHR8	20614040	CHR8:20614040	SSF x Near_LoA	-9,82176049	-0,058	0,317
CHR8	20617238	CHR8:20617238	SSF x Near_LoA	-8,81653382	0,011	0,307
CHR8	20617388	CHR8:20617388	SSF x Near_LoA	-8,36841504	0,096	0,296
CHR8	20625571	CHR8:20625571	SSF x Near_LoA	-8,44249781	0,058	0,305
CHR8	20625675	CHR8:20625675	SSF x Near_LoA	-3,48015527	-0,044	0,317
CHR8	20625735	CHR8:20625735	SSF x Near_LoA	-9,34466916	-0,028	0,305
CHR8	20625770	CHR8:20625770	SSF x Near_LoA	-11,9230475	-0,008	0,293
CHR8	20625774	CHR8:20625774	SSF x Near_LoA	-9,02413265	-0,078	0,306
CHR8	20625788	CHR8:20625788	SSF x Near_LoA	-7,36085116	-0,062	0,304
CHR8	20645329	CHR8:20645329	SSF x Near_LoA	-9,2853806	0,076	0,306
CHR8	20645372	CHR8:20645372	SSF x Near_LoA	-8,88076979	0,003	0,312
CHR8	20645393	CHR8:20645393	SSF x Near_LoA	-12,0058441	0,054	0,303
CHR8	20645404	CHR8:20645404	SSF x Near_LoA	-7,60932933	-0,060	0,304
CHR8	20645411	CHR8:20645411	SSF x Near_LoA	-8,86789364	-0,017	0,311
CHR8	20645432	CHR8:20645432	SSF x Near_LoA	-9,24349125	0,029	0,314
CHR8	20645440	CHR8:20645440	SSF x Near_LoA	-6,78895958	-0,127	0,313
CHR8	20647200	CHR8:20647200	SSF x Near_LoA	-9,4289327	0,032	0,299
CHR8	20647202	CHR8:20647202	SSF x Near_LoA	-9,33943602	0,004	0,299
CHR8	20647270	CHR8:20647270	SSF x Near_LoA	-10,3065676	-0,029	0,315
CHR8	20647277	CHR8:20647277	SSF x Near_LoA	-11,6582752	0,062	0,300
CHR8	20647279	CHR8:20647279	SSF x Near_LoA	-9,92246604	-0,051	0,304
CHR8	20647280	CHR8:20647280	SSF x Near_LoA	-9,83295483	0,032	0,316
CHR8	20649497	CHR8:20649497	SSF x Near_LoA	-8,2058988	0,096	0,306
CHR8	20660512	CHR8:20660512	SSF x Near_LoA	-7,07560458	0,003	0,317
CHR8	20669563	CHR8:20669563	SSF x Near_LoA	-9,08154568	-0,019	0,315
CHR8	20669572	CHR8:20669572	SSF x Near_LoA	-9,28209995	-0,011	0,300
CHR8	20669581	CHR8:20669581	SSF x Near_LoA	-7,75657062	-0,002	0,303
CHR8	20670967	CHR8:20670967	SSF x Near_LoA	-9,05032586	-0,058	0,312
CHR8	20673148	CHR8:20673148	SSF x Near_LoA	-8,96316929	-0,074	0,310
CHR8	20673315	CHR8:20673315	SSF x Near_LoA	-7,07590353	-0,152	0,299
CHR8	20674698	CHR8:20674698	SSF x Near_LoA	-2,79958229	-0,071	0,313
CHR8	20674721	CHR8:20674721	SSF x Near_LoA	-10,2871771	-0,099	0,306
CHR8	20674818	CHR8:20674818	SSF x Near_LoA	-7,51639105	-0,194	0,298
CHR8	20674870	CHR8:20674870	SSF x Near_LoA	-6,29773019	0,037	0,310
CHR8	20674927	CHR8:20674927	SSF x Near_LoA	-8,76875456	0,055	0,284
CHR8	20674930	CHR8:20674930	SSF x Near_LoA	-6,52502322	0,030	0,310
CHR8	20674947	CHR8:20674947	SSF x Near_LoA	-11,7440551	0,075	0,311
CHR8	20681649	CHR8:20681649	SSF x Near_LoA	-8,59629457	-0,075	0,303
CHR8	20690330	CHR8:20690330	SSF x Near_LoA	-7,57643418	-0,039	0,317
CHR8	20690341	CHR8:20690341	SSF x Near_LoA	-4,81613566	0,185	0,289
CHR8	20690375	CHR8:20690375	SSF x Near_LoA	-9,91823167	-0,143	0,306
CHR8	20690377	CHR8:20690377	SSF x Near_LoA	-8,0258514	-0,009	0,313

CHR8	20690427	CHR8:20690427	SSF x Near_LoA	-9,75141458	-0,014	0,313
CHR8	20690484	CHR8:20690484	SSF x Near_LoA	-11,1015746	-0,018	0,297
CHR8	20704289	CHR8:20704289	SSF x Near_LoA	-9,43481258	0,018	0,323
CHR8	20708983	CHR8:20708983	SSF x Near_LoA	-9,16939714	-0,028	0,308
CHR8	20709031	CHR8:20709031	SSF x Near_LoA	-6,51908862	0,040	0,317
CHR8	20709102	CHR8:20709102	SSF x Near_LoA	-8,48480911	0,017	0,311
CHR8	20709163	CHR8:20709163	SSF x Near_LoA	-10,6555068	0,058	0,309
CHR8	20709171	CHR8:20709171	SSF x Near_LoA	-9,01177037	-0,011	0,307
CHR8	20712133	CHR8:20712133	SSF x Near_LoA	-7,06072506	0,028	0,298
CHR8	20712187	CHR8:20712187	SSF x Near_LoA	-9,52396632	-0,024	0,307
CHR8	20729403	CHR8:20729403	SSF x Near_LoA	-9,46330513	-0,067	0,309
CHR8	20729456	CHR8:20729456	SSF x Near_LoA	-11,3762416	0,046	0,311
CHR8	20729463	CHR8:20729463	SSF x Near_LoA	-7,92791633	-0,005	0,325
CHR8	20735626	CHR8:20735626	SSF x Near_LoA	-7,23273399	-0,104	0,304
CHR8	2074248	CHR8:2074248	SSF x Near_LoA	-10,068456	0,092	0,297
CHR8	20743190	CHR8:20743190	SSF x Near_LoA	-5,85923199	-0,097	0,305
CHR8	2074346	CHR8:2074346	SSF x Near_LoA	-11,357485	-0,061	0,300
CHR8	20746668	CHR8:20746668	SSF x Near_LoA	-10,5289174	-0,101	0,297
CHR8	20746878	CHR8:20746878	SSF x Near_LoA	-6,56639925	-0,040	0,295
CHR8	20750441	CHR8:20750441	SSF x Near_LoA	-11,1079528	0,003	0,312
CHR8	20777605	CHR8:20777605	SSF x Near_LoA	-9,06571947	-0,030	0,303
CHR8	20777629	CHR8:20777629	SSF x Near_LoA	-9,1395055	-0,015	0,310
CHR8	20777633	CHR8:20777633	SSF x Near_LoA	-10,1396436	0,072	0,321
CHR8	20777731	CHR8:20777731	SSF x Near_LoA	-3,57464031	0,085	0,303
CHR8	20781410	CHR8:20781410	SSF x Near_LoA	-8,2422216	-0,098	0,300
CHR8	20781480	CHR8:20781480	SSF x Near_LoA	-8,39829327	0,067	0,302
CHR8	20781493	CHR8:20781493	SSF x Near_LoA	-8,86770413	-0,046	0,317
CHR8	20781495	CHR8:20781495	SSF x Near_LoA	-5,96537848	0,084	0,309
CHR8	20781518	CHR8:20781518	SSF x Near_LoA	-7,8887471	0,122	0,298
CHR8	20781697	CHR8:20781697	SSF x Near_LoA	-7,06031061	-0,086	0,307
CHR8	2078523	CHR8:2078523	SSF x Near_LoA	-8,18656379	0,021	0,313
CHR8	2078673	CHR8:2078673	SSF x Near_LoA	-10,6966856	-0,078	0,298
CHR8	2079084	CHR8:2079084	SSF x Near_LoA	-7,10749415	0,051	0,311
CHR8	20798675	CHR8:20798675	SSF x Near_LoA	-8,79395363	0,064	0,312
CHR8	20798746	CHR8:20798746	SSF x Near_LoA	-8,89068137	0,041	0,300
CHR8	20798781	CHR8:20798781	SSF x Near_LoA	-11,315522	-0,038	0,310
CHR8	20798784	CHR8:20798784	SSF x Near_LoA	-8,84192294	-0,086	0,300
CHR8	20798856	CHR8:20798856	SSF x Near_LoA	-11,574777	-0,037	0,308
CHR8	20802032	CHR8:20802032	SSF x Near_LoA	-12,2348621	0,013	0,298
CHR8	20802088	CHR8:20802088	SSF x Near_LoA	-1,66225673	0,212	0,280
CHR8	20812228	CHR8:20812228	SSF x Near_LoA	-10,7896087	0,039	0,297
CHR8	20816595	CHR8:20816595	SSF x Near_LoA	-9,63509615	0,034	0,318
CHR8	20816675	CHR8:20816675	SSF x Near_LoA	-11,2157357	-0,003	0,313
CHR8	20817865	CHR8:20817865	SSF x Near_LoA	-6,84827711	0,063	0,321
CHR8	20817911	CHR8:20817911	SSF x Near_LoA	-8,47785595	-0,044	0,300
CHR8	20817958	CHR8:20817958	SSF x Near_LoA	-7,63931629	0,042	0,305
CHR8	20818020	CHR8:20818020	SSF x Near_LoA	-7,0515493	0,056	0,295
CHR8	20821541	CHR8:20821541	SSF x Near_LoA	-9,97303064	-0,012	0,304
CHR8	20821870	CHR8:20821870	SSF x Near_LoA	-4,34178388	0,062	0,311
CHR8	2082197	CHR8:2082197	SSF x Near_LoA	-8,65477682	0,091	0,298
CHR8	20825673	CHR8:20825673	SSF x Near_LoA	-8,92010983	0,082	0,317
CHR8	20825692	CHR8:20825692	SSF x Near_LoA	-6,1989602	-0,031	0,315
CHR8	20825727	CHR8:20825727	SSF x Near_LoA	-9,04209382	-0,002	0,304

CHR8	20839063	CHR8:20839063	SSF x Near_LoA	-7,95051445	-0,153	0,295
CHR8	20839095	CHR8:20839095	SSF x Near_LoA	-6,61863659	-0,016	0,312
CHR8	20839169	CHR8:20839169	SSF x Near_LoA	-10,7600936	0,111	0,308
CHR8	20849875	CHR8:20849875	SSF x Near_LoA	-12,1198464	0,017	0,308
CHR8	20851877	CHR8:20851877	SSF x Near_LoA	-9,23610422	-0,012	0,299
CHR8	20852014	CHR8:20852014	SSF x Near_LoA	-8,6126074	0,096	0,301
CHR8	2085551	CHR8:2085551	SSF x Near_LoA	-8,05679222	0,143	0,297
CHR8	2085556	CHR8:2085556	SSF x Near_LoA	-9,38807446	-0,118	0,307
CHR8	20856492	CHR8:20856492	SSF x Near_LoA	-9,3818104	0,024	0,299
CHR8	20871410	CHR8:20871410	SSF x Near_LoA	-3,86374116	-0,089	0,302
CHR8	20871432	CHR8:20871432	SSF x Near_LoA	-10,1781951	0,055	0,301
CHR8	20898250	CHR8:20898250	SSF x Near_LoA	-9,74633993	-0,108	0,309
CHR8	20898365	CHR8:20898365	SSF x Near_LoA	-10,9291263	-0,089	0,309
CHR8	20898401	CHR8:20898401	SSF x Near_LoA	-7,9021096	-0,119	0,303
CHR8	20898488	CHR8:20898488	SSF x Near_LoA	-8,17909691	-0,020	0,308
CHR8	20902877	CHR8:20902877	SSF x Near_LoA	-8,68870661	-0,056	0,316
CHR8	20903066	CHR8:20903066	SSF x Near_LoA	-8,97765583	0,112	0,299
CHR8	20910284	CHR8:20910284	SSF x Near_LoA	-7,75004161	0,002	0,304
CHR8	20910377	CHR8:20910377	SSF x Near_LoA	-10,0268659	0,107	0,306
CHR8	20910393	CHR8:20910393	SSF x Near_LoA	-10,7870984	0,085	0,298
CHR8	209172	CHR8:209172	SSF x Near_LoA	-10,0649199	0,054	0,303
CHR8	20921401	CHR8:20921401	SSF x Near_LoA	-7,56519245	0,104	0,305
CHR8	20921544	CHR8:20921544	SSF x Near_LoA	-10,9339613	0,019	0,296
CHR8	20921613	CHR8:20921613	SSF x Near_LoA	-7,25959104	0,100	0,307
CHR8	209236	CHR8:209236	SSF x Near_LoA	-2,41479574	-0,107	0,309
CHR8	20926337	CHR8:20926337	SSF x Near_LoA	-10,1224054	-0,051	0,298
CHR8	20926395	CHR8:20926395	SSF x Near_LoA	-9,51195541	-0,051	0,313
CHR8	20926431	CHR8:20926431	SSF x Near_LoA	-7,53285464	-0,028	0,304
CHR8	20926965	CHR8:20926965	SSF x Near_LoA	-9,38414375	-0,069	0,307
CHR8	20926993	CHR8:20926993	SSF x Near_LoA	-9,70334316	-0,109	0,316
CHR8	20927077	CHR8:20927077	SSF x Near_LoA	-6,47047343	-0,101	0,306
CHR8	209272	CHR8:209272	SSF x Near_LoA	-8,63904242	-0,053	0,302
CHR8	20944884	CHR8:20944884	SSF x Near_LoA	-8,20307843	-0,114	0,314
CHR8	20945003	CHR8:20945003	SSF x Near_LoA	-11,7312631	-0,009	0,285
CHR8	20945014	CHR8:20945014	SSF x Near_LoA	-8,22076481	0,115	0,300
CHR8	20947913	CHR8:20947913	SSF x Near_LoA	-10,0662966	0,000	0,309
CHR8	20947922	CHR8:20947922	SSF x Near_LoA	-11,4060146	-0,007	0,303
CHR8	20966911	CHR8:20966911	SSF x Near_LoA	6,20219178	0,004	0,313
CHR8	20967261	CHR8:20967261	SSF x Near_LoA	-10,6461733	-0,088	0,289
CHR8	20967402	CHR8:20967402	SSF x Near_LoA	-10,8592043	-0,062	0,295
CHR8	2097304	CHR8:2097304	SSF x Near_LoA	-11,4797397	0,047	0,310
CHR8	2097305	CHR8:2097305	SSF x Near_LoA	-11,0289924	0,043	0,310
CHR8	20976540	CHR8:20976540	SSF x Near_LoA	-8,55115199	0,117	0,304
CHR8	20976604	CHR8:20976604	SSF x Near_LoA	-9,23317488	-0,036	0,311
CHR8	20983935	CHR8:20983935	SSF x Near_LoA	-8,2475003	-0,157	0,305
CHR8	20983939	CHR8:20983939	SSF x Near_LoA	-8,41697396	-0,108	0,315
CHR8	20983964	CHR8:20983964	SSF x Near_LoA	-6,86367564	0,057	0,305
CHR8	20984011	CHR8:20984011	SSF x Near_LoA	-7,82404584	-0,098	0,317
CHR8	20984065	CHR8:20984065	SSF x Near_LoA	-10,9343627	-0,072	0,314
CHR8	20999504	CHR8:20999504	SSF x Near_LoA	-2,49426541	0,136	0,313
CHR8	20999554	CHR8:20999554	SSF x Near_LoA	-8,03983668	0,054	0,319
CHR8	21004949	CHR8:21004949	SSF x Near_LoA	-9,56661675	-0,030	0,304
CHR8	21007939	CHR8:21007939	SSF x Near_LoA	-10,8205227	-0,034	0,321

CHR8	21008097	CHR8:21008097	SSF x Near_LoA	-8,33375209	-0,029	0,314
CHR8	21008101	CHR8:21008101	SSF x Near_LoA	-7,72788295	-0,004	0,290
CHR8	21008126	CHR8:21008126	SSF x Near_LoA	-10,1314861	-0,016	0,295
CHR8	21008127	CHR8:21008127	SSF x Near_LoA	-5,16715157	-0,003	0,311
CHR8	21008155	CHR8:21008155	SSF x Near_LoA	-9,87438988	0,046	0,313
CHR8	21009988	CHR8:21009988	SSF x Near_LoA	-8,82104754	-0,083	0,311
CHR8	21017855	CHR8:21017855	SSF x Near_LoA	-8,01294904	-0,155	0,301
CHR8	21018017	CHR8:21018017	SSF x Near_LoA	-8,64516073	-0,128	0,316
CHR8	21031441	CHR8:21031441	SSF x Near_LoA	-8,38057707	0,012	0,332
CHR8	21031444	CHR8:21031444	SSF x Near_LoA	-8,62936593	-0,109	0,312
CHR8	21031458	CHR8:21031458	SSF x Near_LoA	-8,81486063	-0,012	0,319
CHR8	21031604	CHR8:21031604	SSF x Near_LoA	-9,05221147	0,012	0,311
CHR8	21033506	CHR8:21033506	SSF x Near_LoA	-7,08025433	0,084	0,294
CHR8	21038051	CHR8:21038051	SSF x Near_LoA	-8,75498079	-0,078	0,293
CHR8	21038144	CHR8:21038144	SSF x Near_LoA	-9,59953118	0,151	0,294
CHR8	21048480	CHR8:21048480	SSF x Near_LoA	-10,6182504	0,046	0,305
CHR8	21048777	CHR8:21048777	SSF x Near_LoA	-4,97337261	-0,133	0,306
CHR8	21052722	CHR8:21052722	SSF x Near_LoA	-10,6854374	-0,046	0,318
CHR8	21063407	CHR8:21063407	SSF x Near_LoA	2,69600683	-0,077	0,305
CHR8	21063542	CHR8:21063542	SSF x Near_LoA	-10,4162286	-0,058	0,294
CHR8	21065558	CHR8:21065558	SSF x Near_LoA	-10,2831676	0,030	0,304
CHR8	21068022	CHR8:21068022	SSF x Near_LoA	-8,64393728	0,025	0,308
CHR8	21068100	CHR8:21068100	SSF x Near_LoA	-9,70089647	-0,016	0,309
CHR8	21072037	CHR8:21072037	SSF x Near_LoA	-6,99282992	0,059	0,310
CHR8	21077425	CHR8:21077425	SSF x Near_LoA	-7,41188271	0,024	0,297
CHR8	21077541	CHR8:21077541	SSF x Near_LoA	-9,43120936	-0,070	0,314
CHR8	21078323	CHR8:21078323	SSF x Near_LoA	-6,86923582	0,065	0,290
CHR8	21080493	CHR8:21080493	SSF x Near_LoA	-6,10541801	0,191	0,291
CHR8	2108160	CHR8:2108160	SSF x Near_LoA	-12,1848707	0,050	0,305
CHR8	21082161	CHR8:21082161	SSF x Near_LoA	-7,83625981	-0,052	0,304
CHR8	2108281	CHR8:2108281	SSF x Near_LoA	-10,9374464	0,013	0,306
CHR8	2108411	CHR8:2108411	SSF x Near_LoA	-8,86148083	-0,008	0,321
CHR8	2108430	CHR8:2108430	SSF x Near_LoA	-6,96140602	0,070	0,306
CHR8	2108542	CHR8:2108542	SSF x Near_LoA	-10,4221022	0,059	0,295
CHR8	2108560	CHR8:2108560	SSF x Near_LoA	-9,27470151	0,020	0,311
CHR8	2108572	CHR8:2108572	SSF x Near_LoA	-8,60411268	0,149	0,304
CHR8	21090229	CHR8:21090229	SSF x Near_LoA	-10,7647928	-0,078	0,300
CHR8	21092400	CHR8:21092400	SSF x Near_LoA	-10,4260594	0,048	0,304
CHR8	21092433	CHR8:21092433	SSF x Near_LoA	-10,7554306	-0,082	0,296
CHR8	21092465	CHR8:21092465	SSF x Near_LoA	-8,51357996	-0,052	0,322
CHR8	21092473	CHR8:21092473	SSF x Near_LoA	-10,347203	-0,053	0,306
CHR8	21092511	CHR8:21092511	SSF x Near_LoA	-8,42007812	-0,046	0,306
CHR8	21092537	CHR8:21092537	SSF x Near_LoA	-9,35897751	0,032	0,308
CHR8	21092539	CHR8:21092539	SSF x Near_LoA	-10,4928212	-0,061	0,318
CHR8	21099592	CHR8:21099592	SSF x Near_LoA	-9,80076961	0,075	0,313
CHR8	21099737	CHR8:21099737	SSF x Near_LoA	-7,97221365	0,080	0,297
CHR8	21099782	CHR8:21099782	SSF x Near_LoA	-9,22183699	0,108	0,303
CHR8	21104000	CHR8:21104000	SSF x Near_LoA	-9,05434255	-0,136	0,302
CHR8	21110691	CHR8:21110691	SSF x Near_LoA	-10,8984046	-0,077	0,313
CHR8	21110720	CHR8:21110720	SSF x Near_LoA	-11,6221406	-0,085	0,307
CHR8	21110722	CHR8:21110722	SSF x Near_LoA	-7,01514385	-0,081	0,312
CHR8	21110738	CHR8:21110738	SSF x Near_LoA	-2,68480874	0,124	0,298
CHR8	21122450	CHR8:21122450	SSF x Near_LoA	-9,70418249	0,055	0,299

CHR8	21122488	CHR8:21122488	SSF x Near_LoA	-8,83843484	0,069	0,308
CHR8	21122548	CHR8:21122548	SSF x Near_LoA	-10,4032345	-0,016	0,303
CHR8	21122603	CHR8:21122603	SSF x Near_LoA	-7,65065242	-0,107	0,303
CHR8	21122663	CHR8:21122663	SSF x Near_LoA	-10,5071803	0,007	0,320
CHR8	21126529	CHR8:21126529	SSF x Near_LoA	-8,01972605	-0,119	0,312
CHR8	21126758	CHR8:21126758	SSF x Near_LoA	-4,10534801	-0,112	0,312
CHR8	21126831	CHR8:21126831	SSF x Near_LoA	-3,43018473	-0,002	0,319
CHR8	21130367	CHR8:21130367	SSF x Near_LoA	-11,6965421	-0,018	0,308
CHR8	21130431	CHR8:21130431	SSF x Near_LoA	-9,88241585	0,006	0,296
CHR8	21130450	CHR8:21130450	SSF x Near_LoA	-9,8241068	0,131	0,304
CHR8	21130462	CHR8:21130462	SSF x Near_LoA	-11,5589398	0,103	0,300
CHR8	21130479	CHR8:21130479	SSF x Near_LoA	-10,1214137	0,134	0,308
CHR8	21130494	CHR8:21130494	SSF x Near_LoA	-10,3833565	-0,003	0,306
CHR8	21130583	CHR8:21130583	SSF x Near_LoA	-7,92857605	0,089	0,295
CHR8	21130621	CHR8:21130621	SSF x Near_LoA	0,77537764	-0,193	0,291
CHR8	21130635	CHR8:21130635	SSF x Near_LoA	-10,6720873	0,072	0,308
CHR8	21133255	CHR8:21133255	SSF x Near_LoA	-9,23200598	0,092	0,301
CHR8	21133286	CHR8:21133286	SSF x Near_LoA	-8,18880058	0,036	0,324
CHR8	21138572	CHR8:21138572	SSF x Near_LoA	-10,2469336	-0,068	0,307
CHR8	21139065	CHR8:21139065	SSF x Near_LoA	-9,4513529	-0,105	0,307
CHR8	21141524	CHR8:21141524	SSF x Near_LoA	-11,0319197	-0,106	0,322
CHR8	21142499	CHR8:21142499	SSF x Near_LoA	-9,25876692	-0,071	0,318
CHR8	21142535	CHR8:21142535	SSF x Near_LoA	-7,19239055	-0,045	0,309
CHR8	21143937	CHR8:21143937	SSF x Near_LoA	-9,79298647	-0,101	0,304
CHR8	21153934	CHR8:21153934	SSF x Near_LoA	-7,95131738	-0,019	0,318
CHR8	21155980	CHR8:21155980	SSF x Near_LoA	-10,6806356	-0,060	0,301
CHR8	21155989	CHR8:21155989	SSF x Near_LoA	-6,80319742	-0,208	0,290
CHR8	21156095	CHR8:21156095	SSF x Near_LoA	-3,39585426	-0,245	0,292
CHR8	21156130	CHR8:21156130	SSF x Near_LoA	8,21252741	0,145	0,302
CHR8	21156144	CHR8:21156144	SSF x Near_LoA	-9,11548168	0,151	0,287
CHR8	21156210	CHR8:21156210	SSF x Near_LoA	-8,20730562	0,049	0,311
CHR8	21156232	CHR8:21156232	SSF x Near_LoA	-7,45064875	0,101	0,311
CHR8	21163584	CHR8:21163584	SSF x Near_LoA	-8,85838535	-0,092	0,311
CHR8	21172974	CHR8:21172974	SSF x Near_LoA	-6,96978063	0,135	0,298
CHR8	21181737	CHR8:21181737	SSF x Near_LoA	-11,8766537	-0,046	0,302
CHR8	21183859	CHR8:21183859	SSF x Near_LoA	-10,0606752	0,123	0,307
CHR8	21193302	CHR8:21193302	SSF x Near_LoA	-10,8250751	-0,007	0,314
CHR8	21193485	CHR8:21193485	SSF x Near_LoA	-9,07297271	-0,106	0,300
CHR8	21193575	CHR8:21193575	SSF x Near_LoA	-5,6496648	0,173	0,295
CHR8	21193592	CHR8:21193592	SSF x Near_LoA	-11,4252166	0,019	0,297
CHR8	21193649	CHR8:21193649	SSF x Near_LoA	-8,65402277	0,013	0,311
CHR8	21200800	CHR8:21200800	SSF x Near_LoA	-10,0251393	-0,004	0,299
CHR8	21200857	CHR8:21200857	SSF x Near_LoA	-8,59090822	-0,025	0,315
CHR8	21200862	CHR8:21200862	SSF x Near_LoA	-9,00312913	-0,077	0,301
CHR8	21200943	CHR8:21200943	SSF x Near_LoA	-5,55824253	0,140	0,306
CHR8	21200995	CHR8:21200995	SSF x Near_LoA	-7,72956838	-0,091	0,315
CHR8	21210111	CHR8:21210111	SSF x Near_LoA	-10,2562501	0,065	0,304
CHR8	21212244	CHR8:21212244	SSF x Near_LoA	-8,97052353	-0,081	0,308
CHR8	21212271	CHR8:21212271	SSF x Near_LoA	-8,88113919	-0,032	0,303
CHR8	21212361	CHR8:21212361	SSF x Near_LoA	-7,82419832	-0,119	0,314
CHR8	21212418	CHR8:21212418	SSF x Near_LoA	-8,47133306	-0,086	0,310
CHR8	21214473	CHR8:21214473	SSF x Near_LoA	-6,49965126	-0,109	0,301
CHR8	21214497	CHR8:21214497	SSF x Near_LoA	-10,1030274	-0,044	0,309

CHR8	21214554	CHR8:21214554	SSF x Near_LoA	-9,53827643	-0,061	0,307
CHR8	21214691	CHR8:21214691	SSF x Near_LoA	-11,3462192	-0,046	0,299
CHR8	21223898	CHR8:21223898	SSF x Near_LoA	-9,92866226	0,075	0,308
CHR8	21226023	CHR8:21226023	SSF x Near_LoA	-7,91004167	0,006	0,307
CHR8	21226062	CHR8:21226062	SSF x Near_LoA	-7,02491362	-0,074	0,295
CHR8	21227545	CHR8:21227545	SSF x Near_LoA	-9,41909432	-0,073	0,307
CHR8	21227563	CHR8:21227563	SSF x Near_LoA	-10,607124	-0,032	0,312
CHR8	21227625	CHR8:21227625	SSF x Near_LoA	-7,98854488	0,022	0,300
CHR8	21227673	CHR8:21227673	SSF x Near_LoA	-8,72566487	-0,005	0,316
CHR8	21227686	CHR8:21227686	SSF x Near_LoA	-10,9817879	-0,053	0,312
CHR8	21227729	CHR8:21227729	SSF x Near_LoA	-4,41671373	-0,013	0,310
CHR8	21227780	CHR8:21227780	SSF x Near_LoA	-9,69434307	-0,078	0,307
CHR8	21235312	CHR8:21235312	SSF x Near_LoA	-0,27576731	-0,067	0,303
CHR8	21235348	CHR8:21235348	SSF x Near_LoA	-8,3416182	-0,042	0,317
CHR8	21235404	CHR8:21235404	SSF x Near_LoA	-8,33694401	-0,032	0,297
CHR8	21235466	CHR8:21235466	SSF x Near_LoA	-8,56198635	-0,031	0,305
CHR8	21254188	CHR8:21254188	SSF x Near_LoA	-8,78437082	0,020	0,306
CHR8	21254234	CHR8:21254234	SSF x Near_LoA	-9,25358632	0,008	0,291
CHR8	21260117	CHR8:21260117	SSF x Near_LoA	-6,43971965	0,063	0,321
CHR8	21260178	CHR8:21260178	SSF x Near_LoA	-5,56855986	-0,008	0,314
CHR8	21260199	CHR8:21260199	SSF x Near_LoA	-10,6700866	-0,071	0,317
CHR8	21268739	CHR8:21268739	SSF x Near_LoA	-9,90369538	0,028	0,313
CHR8	21275123	CHR8:21275123	SSF x Near_LoA	-8,53291179	-0,070	0,315
CHR8	21275141	CHR8:21275141	SSF x Near_LoA	-10,8490775	0,084	0,306
CHR8	21275192	CHR8:21275192	SSF x Near_LoA	-10,2750024	0,036	0,313
CHR8	21279224	CHR8:21279224	SSF x Near_LoA	-9,69169879	-0,056	0,305
CHR8	21279307	CHR8:21279307	SSF x Near_LoA	-0,13358202	-0,063	0,315
CHR8	21279312	CHR8:21279312	SSF x Near_LoA	-9,36521899	0,074	0,312
CHR8	21284870	CHR8:21284870	SSF x Near_LoA	-10,4376773	-0,043	0,309
CHR8	21293434	CHR8:21293434	SSF x Near_LoA	-7,79286241	0,035	0,306
CHR8	21297879	CHR8:21297879	SSF x Near_LoA	-7,19678788	0,071	0,301
CHR8	21297896	CHR8:21297896	SSF x Near_LoA	-10,6853611	0,065	0,325
CHR8	21297905	CHR8:21297905	SSF x Near_LoA	-10,1582111	0,032	0,321
CHR8	21297955	CHR8:21297955	SSF x Near_LoA	-9,3727226	0,024	0,315
CHR8	21301152	CHR8:21301152	SSF x Near_LoA	-5,41096329	-0,032	0,309
CHR8	21301156	CHR8:21301156	SSF x Near_LoA	-9,04986599	-0,002	0,308
CHR8	21301234	CHR8:21301234	SSF x Near_LoA	-9,47040899	-0,091	0,310
CHR8	21301265	CHR8:21301265	SSF x Near_LoA	-7,61379296	0,064	0,308
CHR8	21301270	CHR8:21301270	SSF x Near_LoA	-11,7250512	-0,006	0,310
CHR8	21301297	CHR8:21301297	SSF x Near_LoA	-8,96815718	-0,123	0,297
CHR8	21301320	CHR8:21301320	SSF x Near_LoA	-9,01979906	-0,015	0,310
CHR8	21301332	CHR8:21301332	SSF x Near_LoA	-11,6660664	-0,065	0,304
CHR8	21301335	CHR8:21301335	SSF x Near_LoA	-10,2002416	-0,032	0,308
CHR8	21301343	CHR8:21301343	SSF x Near_LoA	-8,55803148	-0,078	0,304
CHR8	21301376	CHR8:21301376	SSF x Near_LoA	-8,45187177	-0,109	0,307
CHR8	21307521	CHR8:21307521	SSF x Near_LoA	-8,99472279	0,054	0,295
CHR8	21307531	CHR8:21307531	SSF x Near_LoA	-6,96738029	0,010	0,305
CHR8	21307598	CHR8:21307598	SSF x Near_LoA	-6,39738097	-0,055	0,304
CHR8	21307607	CHR8:21307607	SSF x Near_LoA	-11,1135181	0,093	0,303
CHR8	21307747	CHR8:21307747	SSF x Near_LoA	-10,7230558	-0,031	0,307
CHR8	21311139	CHR8:21311139	SSF x Near_LoA	-7,94120698	-0,092	0,298
CHR8	21311223	CHR8:21311223	SSF x Near_LoA	-4,93485874	0,207	0,303
CHR8	21311276	CHR8:21311276	SSF x Near_LoA	-7,58815889	0,160	0,309

CHR8	21311292	CHR8:21311292	SSF x Near_LoA	-8,94038321	-0,092	0,302
CHR8	21322000	CHR8:21322000	SSF x Near_LoA	-7,64145884	-0,073	0,310
CHR8	21322019	CHR8:21322019	SSF x Near_LoA	-11,1680859	0,022	0,303
CHR8	21322062	CHR8:21322062	SSF x Near_LoA	-10,6366166	-0,006	0,290
CHR8	21323878	CHR8:21323878	SSF x Near_LoA	3,2492962	0,111	0,312
CHR8	21323929	CHR8:21323929	SSF x Near_LoA	-9,11438665	0,013	0,308
CHR8	21327995	CHR8:21327995	SSF x Near_LoA	-10,9549864	-0,019	0,301
CHR8	21328030	CHR8:21328030	SSF x Near_LoA	-9,9566291	-0,051	0,316
CHR8	21329309	CHR8:21329309	SSF x Near_LoA	-10,6436908	-0,090	0,306
CHR8	21329341	CHR8:21329341	SSF x Near_LoA	-11,0536609	-0,049	0,318
CHR8	21330903	CHR8:21330903	SSF x Near_LoA	-5,21978804	-0,008	0,322
CHR8	21331031	CHR8:21331031	SSF x Near_LoA	-8,20851112	0,058	0,312
CHR8	21331138	CHR8:21331138	SSF x Near_LoA	-7,28264691	0,032	0,313
CHR8	21331152	CHR8:21331152	SSF x Near_LoA	-9,49288249	0,007	0,308
CHR8	2133267	CHR8:2133267	SSF x Near_LoA	-8,74191107	-0,078	0,309
CHR8	2133300	CHR8:2133300	SSF x Near_LoA	-12,1146428	0,021	0,309
CHR8	2133333	CHR8:2133333	SSF x Near_LoA	-6,89055776	-0,140	0,305
CHR8	21338133	CHR8:21338133	SSF x Near_LoA	-9,23417339	-0,016	0,306
CHR8	21338158	CHR8:21338158	SSF x Near_LoA	-8,17627749	0,004	0,306
CHR8	21338179	CHR8:21338179	SSF x Near_LoA	-6,36130475	0,080	0,323
CHR8	21338205	CHR8:21338205	SSF x Near_LoA	-10,8965398	-0,048	0,308
CHR8	21338226	CHR8:21338226	SSF x Near_LoA	-11,2749152	0,099	0,311
CHR8	21338252	CHR8:21338252	SSF x Near_LoA	-11,3102027	-0,036	0,304
CHR8	21338261	CHR8:21338261	SSF x Near_LoA	-8,61064514	-0,043	0,304
CHR8	21338263	CHR8:21338263	SSF x Near_LoA	-11,5325247	-0,024	0,292
CHR8	21338279	CHR8:21338279	SSF x Near_LoA	-10,6307812	-0,014	0,298
CHR8	21339392	CHR8:21339392	SSF x Near_LoA	-9,28411572	0,051	0,305
CHR8	21339621	CHR8:21339621	SSF x Near_LoA	-10,3620508	0,008	0,296
CHR8	21344691	CHR8:21344691	SSF x Near_LoA	-9,28428712	-0,040	0,300
CHR8	21344692	CHR8:21344692	SSF x Near_LoA	-0,9974956	0,147	0,293
CHR8	21347428	CHR8:21347428	SSF x Near_LoA	-8,02719998	-0,127	0,314
CHR8	21347453	CHR8:21347453	SSF x Near_LoA	-10,6160174	-0,050	0,311
CHR8	21365014	CHR8:21365014	SSF x Near_LoA	-8,33762823	-0,128	0,300
CHR8	21365946	CHR8:21365946	SSF x Near_LoA	-0,75517365	-0,162	0,302
CHR8	21366131	CHR8:21366131	SSF x Near_LoA	-9,32083856	-0,037	0,303
CHR8	21370785	CHR8:21370785	SSF x Near_LoA	-8,19798028	0,136	0,311
CHR8	21370789	CHR8:21370789	SSF x Near_LoA	-4,51323103	0,137	0,315
CHR8	21370829	CHR8:21370829	SSF x Near_LoA	-11,6137417	0,021	0,304
CHR8	21370959	CHR8:21370959	SSF x Near_LoA	-9,94682522	0,114	0,294
CHR8	21372108	CHR8:21372108	SSF x Near_LoA	-8,36833718	-0,149	0,303
CHR8	21373337	CHR8:21373337	SSF x Near_LoA	-11,2170234	-0,065	0,308
CHR8	21373439	CHR8:21373439	SSF x Near_LoA	-10,5671394	-0,085	0,302
CHR8	21373494	CHR8:21373494	SSF x Near_LoA	-7,23240137	0,081	0,312
CHR8	2137419	CHR8:2137419	SSF x Near_LoA	-11,6163428	-0,039	0,301
CHR8	2137468	CHR8:2137468	SSF x Near_LoA	-10,949455	0,072	0,310
CHR8	2137472	CHR8:2137472	SSF x Near_LoA	-10,6579766	0,095	0,318
CHR8	21375025	CHR8:21375025	SSF x Near_LoA	-9,18317543	-0,084	0,309
CHR8	2137509	CHR8:2137509	SSF x Near_LoA	-7,253094	-0,015	0,309
CHR8	21393769	CHR8:21393769	SSF x Near_LoA	-8,27017848	-0,040	0,328
CHR8	21397116	CHR8:21397116	SSF x Near_LoA	-9,90320445	-0,108	0,302
CHR8	21397123	CHR8:21397123	SSF x Near_LoA	-9,9929341	-0,055	0,313
CHR8	21397172	CHR8:21397172	SSF x Near_LoA	-8,48510727	-0,169	0,298
CHR8	21397188	CHR8:21397188	SSF x Near_LoA	-9,78563005	0,001	0,318

CHR8	21399568	CHR8:21399568	SSF x Near_LoA	-7,52245089	-0,042	0,309
CHR8	21415642	CHR8:21415642	SSF x Near_LoA	-8,16040544	0,067	0,308
CHR8	21417726	CHR8:21417726	SSF x Near_LoA	-8,48748385	0,034	0,291
CHR8	21417741	CHR8:21417741	SSF x Near_LoA	-8,38572676	0,077	0,304
CHR8	21421231	CHR8:21421231	SSF x Near_LoA	-9,08966097	0,023	0,312
CHR8	21421423	CHR8:21421423	SSF x Near_LoA	-10,9256979	-0,037	0,297
CHR8	21422544	CHR8:21422544	SSF x Near_LoA	-7,90487414	-0,040	0,324
CHR8	21422604	CHR8:21422604	SSF x Near_LoA	-6,04596058	0,140	0,309
CHR8	21422606	CHR8:21422606	SSF x Near_LoA	-10,6875389	0,083	0,303
CHR8	21430027	CHR8:21430027	SSF x Near_LoA	-10,9931276	-0,033	0,312
CHR8	21430059	CHR8:21430059	SSF x Near_LoA	-8,50131801	-0,152	0,302
CHR8	21430060	CHR8:21430060	SSF x Near_LoA	-10,356347	-0,038	0,317
CHR8	21430063	CHR8:21430063	SSF x Near_LoA	-7,87858397	-0,148	0,297
CHR8	21431731	CHR8:21431731	SSF x Near_LoA	-7,70791218	-0,039	0,312
CHR8	21431740	CHR8:21431740	SSF x Near_LoA	-8,30402168	0,017	0,305
CHR8	21431752	CHR8:21431752	SSF x Near_LoA	-7,76190698	0,046	0,320
CHR8	21431755	CHR8:21431755	SSF x Near_LoA	-7,86826296	-0,064	0,300
CHR8	21431766	CHR8:21431766	SSF x Near_LoA	-6,4749775	0,058	0,310
CHR8	21432603	CHR8:21432603	SSF x Near_LoA	-10,3579506	0,001	0,304
CHR8	21432637	CHR8:21432637	SSF x Near_LoA	-8,9258894	-0,052	0,300
CHR8	21432638	CHR8:21432638	SSF x Near_LoA	-11,7961139	-0,033	0,306
CHR8	21436027	CHR8:21436027	SSF x Near_LoA	-1,65283479	-0,096	0,307
CHR8	21436037	CHR8:21436037	SSF x Near_LoA	-7,357101	-0,051	0,316
CHR8	21436073	CHR8:21436073	SSF x Near_LoA	-7,7548599	-0,073	0,311
CHR8	21436081	CHR8:21436081	SSF x Near_LoA	-7,15618193	-0,080	0,318
CHR8	21440861	CHR8:21440861	SSF x Near_LoA	-9,20480773	-0,104	0,307
CHR8	21444181	CHR8:21444181	SSF x Near_LoA	-8,01307271	-0,034	0,319
CHR8	21445126	CHR8:21445126	SSF x Near_LoA	-6,98362474	-0,097	0,323
CHR8	21445142	CHR8:21445142	SSF x Near_LoA	-10,4338465	0,018	0,293
CHR8	21445202	CHR8:21445202	SSF x Near_LoA	-9,69751911	0,022	0,301
CHR8	21445304	CHR8:21445304	SSF x Near_LoA	-9,78873632	-0,071	0,305
CHR8	21447994	CHR8:21447994	SSF x Near_LoA	-10,2070889	0,004	0,307
CHR8	21447996	CHR8:21447996	SSF x Near_LoA	-9,77431125	0,043	0,312
CHR8	21448108	CHR8:21448108	SSF x Near_LoA	-9,88494191	-0,107	0,302
CHR8	21448109	CHR8:21448109	SSF x Near_LoA	-9,75721109	-0,135	0,295
CHR8	21448125	CHR8:21448125	SSF x Near_LoA	-10,5969833	0,096	0,305
CHR8	21448137	CHR8:21448137	SSF x Near_LoA	-9,49791783	0,033	0,310
CHR8	21448138	CHR8:21448138	SSF x Near_LoA	-7,66576012	0,017	0,307
CHR8	21448216	CHR8:21448216	SSF x Near_LoA	-9,40828894	-0,090	0,302
CHR8	21455126	CHR8:21455126	SSF x Near_LoA	0,20465405	-0,258	0,297
CHR8	21455133	CHR8:21455133	SSF x Near_LoA	-6,500822	-0,171	0,292
CHR8	21455195	CHR8:21455195	SSF x Near_LoA	-9,38605318	-0,141	0,304
CHR8	21455241	CHR8:21455241	SSF x Near_LoA	-11,8544101	0,003	0,292
CHR8	21455243	CHR8:21455243	SSF x Near_LoA	-9,99309385	-0,038	0,306
CHR8	2146696	CHR8:2146696	SSF x Near_LoA	-9,92822556	0,107	0,309
CHR8	2146775	CHR8:2146775	SSF x Near_LoA	-7,72465399	0,005	0,323
CHR8	21470852	CHR8:21470852	SSF x Near_LoA	-9,71454909	-0,019	0,313
CHR8	21470976	CHR8:21470976	SSF x Near_LoA	-11,3566665	0,020	0,307
CHR8	2148103	CHR8:2148103	SSF x Near_LoA	-4,39026524	-0,072	0,303
CHR8	2148119	CHR8:2148119	SSF x Near_LoA	-9,02110082	-0,075	0,304
CHR8	21483246	CHR8:21483246	SSF x Near_LoA	-9,9940229	0,043	0,299
CHR8	21488262	CHR8:21488262	SSF x Near_LoA	-8,89752157	-0,143	0,307
CHR8	21488447	CHR8:21488447	SSF x Near_LoA	-10,3246465	-0,144	0,301

CHR8	21506685	CHR8:21506685	SSF x Near_LoA	-8,10473609	-0,048	0,307
CHR8	21525258	CHR8:21525258	SSF x Near_LoA	-9,40394499	-0,152	0,287
CHR8	21525307	CHR8:21525307	SSF x Near_LoA	-5,86701935	0,067	0,322
CHR8	21548625	CHR8:21548625	SSF x Near_LoA	-10,8575649	-0,037	0,304
CHR8	21548684	CHR8:21548684	SSF x Near_LoA	-7,00175281	-0,010	0,319
CHR8	21548744	CHR8:21548744	SSF x Near_LoA	-6,5086281	0,049	0,325
CHR8	21578447	CHR8:21578447	SSF x Near_LoA	-7,44969997	0,131	0,309
CHR8	21591666	CHR8:21591666	SSF x Near_LoA	-11,5372447	-0,044	0,299
CHR8	21591734	CHR8:21591734	SSF x Near_LoA	-7,64800768	-0,002	0,318
CHR8	21591805	CHR8:21591805	SSF x Near_LoA	-8,52848808	-0,007	0,314
CHR8	21591864	CHR8:21591864	SSF x Near_LoA	-10,0793835	0,018	0,308
CHR8	21591889	CHR8:21591889	SSF x Near_LoA	-8,95733743	-0,053	0,311
CHR8	21591894	CHR8:21591894	SSF x Near_LoA	-8,55020385	0,021	0,316
CHR8	21602932	CHR8:21602932	SSF x Near_LoA	-10,2989834	0,049	0,316
CHR8	21602971	CHR8:21602971	SSF x Near_LoA	-9,18057983	-0,035	0,308
CHR8	21603000	CHR8:21603000	SSF x Near_LoA	-9,01752969	0,009	0,307
CHR8	21603038	CHR8:21603038	SSF x Near_LoA	-10,0947685	-0,011	0,306
CHR8	21603091	CHR8:21603091	SSF x Near_LoA	-5,9677571	-0,043	0,301
CHR8	21603112	CHR8:21603112	SSF x Near_LoA	-8,3186945	0,045	0,299
CHR8	21603163	CHR8:21603163	SSF x Near_LoA	-9,96141195	0,045	0,317
CHR8	21608666	CHR8:21608666	SSF x Near_LoA	-8,76825385	-0,125	0,308
CHR8	21608668	CHR8:21608668	SSF x Near_LoA	-8,32195732	-0,139	0,301
CHR8	21608827	CHR8:21608827	SSF x Near_LoA	-10,7895249	0,003	0,312
CHR8	21608855	CHR8:21608855	SSF x Near_LoA	-9,07375395	-0,044	0,289
CHR8	21608872	CHR8:21608872	SSF x Near_LoA	-7,05441775	-0,026	0,315
CHR8	21608971	CHR8:21608971	SSF x Near_LoA	-9,15318788	-0,024	0,315
CHR8	21614542	CHR8:21614542	SSF x Near_LoA	-9,62595282	-0,085	0,307
CHR8	21614639	CHR8:21614639	SSF x Near_LoA	-8,51148444	-0,064	0,312
CHR8	21614794	CHR8:21614794	SSF x Near_LoA	-9,94309869	-0,078	0,298
CHR8	21616069	CHR8:21616069	SSF x Near_LoA	-7,89568147	-0,102	0,302
CHR8	21616086	CHR8:21616086	SSF x Near_LoA	-8,7041764	-0,042	0,302
CHR8	21616097	CHR8:21616097	SSF x Near_LoA	-11,189548	0,065	0,301
CHR8	21616100	CHR8:21616100	SSF x Near_LoA	-7,91490721	0,073	0,285
CHR8	21616147	CHR8:21616147	SSF x Near_LoA	-8,79082179	-0,136	0,308
CHR8	21616153	CHR8:21616153	SSF x Near_LoA	-8,44457772	-0,002	0,310
CHR8	21616166	CHR8:21616166	SSF x Near_LoA	-9,89722457	-0,080	0,295
CHR8	21616172	CHR8:21616172	SSF x Near_LoA	-7,93552333	-0,142	0,293
CHR8	2162194	CHR8:2162194	SSF x Near_LoA	-11,3346117	0,052	0,306
CHR8	2162213	CHR8:2162213	SSF x Near_LoA	-9,4570196	-0,070	0,327
CHR8	21624499	CHR8:21624499	SSF x Near_LoA	-8,56234848	-0,038	0,310
CHR8	21624506	CHR8:21624506	SSF x Near_LoA	-7,9621551	-0,083	0,310
CHR8	21624746	CHR8:21624746	SSF x Near_LoA	-11,4593226	-0,066	0,305
CHR8	21624848	CHR8:21624848	SSF x Near_LoA	-3,15615519	0,145	0,288
CHR8	21624852	CHR8:21624852	SSF x Near_LoA	-9,1516989	0,085	0,283
CHR8	21628489	CHR8:21628489	SSF x Near_LoA	-5,42569559	0,076	0,319
CHR8	21634489	CHR8:21634489	SSF x Near_LoA	-9,02134612	0,145	0,303
CHR8	21634875	CHR8:21634875	SSF x Near_LoA	-9,31283988	-0,122	0,301
CHR8	21637062	CHR8:21637062	SSF x Near_LoA	-8,10859555	-0,096	0,305
CHR8	216466	CHR8:216466	SSF x Near_LoA	-8,62195957	0,121	0,306
CHR8	216472	CHR8:216472	SSF x Near_LoA	-5,88369411	-0,159	0,307
CHR8	21652013	CHR8:21652013	SSF x Near_LoA	-9,05685036	0,029	0,317
CHR8	21656444	CHR8:21656444	SSF x Near_LoA	-10,8635742	0,059	0,300
CHR8	21656620	CHR8:21656620	SSF x Near_LoA	-7,05403803	-0,159	0,296

CHR8	2165685	CHR8:2165685	SSF x Near_LoA	-7,75022685	-0,073	0,308
CHR8	2165923	CHR8:2165923	SSF x Near_LoA	-5,74103596	0,168	0,294
CHR8	21669029	CHR8:21669029	SSF x Near_LoA	-6,49538471	-0,175	0,299
CHR8	21669047	CHR8:21669047	SSF x Near_LoA	-9,20244667	-0,034	0,304
CHR8	21669834	CHR8:21669834	SSF x Near_LoA	-10,5227537	0,066	0,304
CHR8	21669843	CHR8:21669843	SSF x Near_LoA	-8,94234977	0,064	0,306
CHR8	21669850	CHR8:21669850	SSF x Near_LoA	-9,09505211	0,090	0,319
CHR8	21669873	CHR8:21669873	SSF x Near_LoA	0,28492838	-0,048	0,306
CHR8	21669874	CHR8:21669874	SSF x Near_LoA	-3,31735848	-0,120	0,315
CHR8	21675535	CHR8:21675535	SSF x Near_LoA	-8,21421003	-0,029	0,310
CHR8	21675608	CHR8:21675608	SSF x Near_LoA	-10,8528472	0,062	0,313
CHR8	21675641	CHR8:21675641	SSF x Near_LoA	-10,0130298	0,069	0,310
CHR8	21675653	CHR8:21675653	SSF x Near_LoA	-8,98270219	0,006	0,294
CHR8	21675660	CHR8:21675660	SSF x Near_LoA	-9,07891387	-0,007	0,289
CHR8	21675718	CHR8:21675718	SSF x Near_LoA	-8,81187457	0,052	0,316
CHR8	21675723	CHR8:21675723	SSF x Near_LoA	-3,65832824	-0,113	0,298
CHR8	21675735	CHR8:21675735	SSF x Near_LoA	-7,82733353	-0,096	0,307
CHR8	21675738	CHR8:21675738	SSF x Near_LoA	-4,5121221	-0,050	0,305
CHR8	21675740	CHR8:21675740	SSF x Near_LoA	-8,79001359	-0,053	0,305
CHR8	21677071	CHR8:21677071	SSF x Near_LoA	-10,4372384	-0,066	0,292
CHR8	21677098	CHR8:21677098	SSF x Near_LoA	-10,0268566	-0,017	0,290
CHR8	21677236	CHR8:21677236	SSF x Near_LoA	-7,74342856	-0,056	0,302
CHR8	21677284	CHR8:21677284	SSF x Near_LoA	-8,72498537	0,000	0,309
CHR8	21677287	CHR8:21677287	SSF x Near_LoA	-7,84294941	0,035	0,307
CHR8	21680522	CHR8:21680522	SSF x Near_LoA	-11,5333814	0,030	0,303
CHR8	21680526	CHR8:21680526	SSF x Near_LoA	-9,47313831	0,005	0,309
CHR8	21680543	CHR8:21680543	SSF x Near_LoA	-11,2790317	0,001	0,317
CHR8	21680556	CHR8:21680556	SSF x Near_LoA	-11,5130051	-0,002	0,307
CHR8	21680574	CHR8:21680574	SSF x Near_LoA	-10,7590477	0,014	0,310
CHR8	21680608	CHR8:21680608	SSF x Near_LoA	-9,79809781	0,131	0,310
CHR8	21680614	CHR8:21680614	SSF x Near_LoA	-10,3129034	-0,058	0,303
CHR8	21680655	CHR8:21680655	SSF x Near_LoA	-7,38492478	0,100	0,306
CHR8	21680687	CHR8:21680687	SSF x Near_LoA	-8,62775178	0,013	0,328
CHR8	21683750	CHR8:21683750	SSF x Near_LoA	-8,98259575	0,045	0,303
CHR8	21683773	CHR8:21683773	SSF x Near_LoA	-9,59784203	-0,028	0,298
CHR8	21683794	CHR8:21683794	SSF x Near_LoA	-10,5972036	-0,055	0,305
CHR8	21683836	CHR8:21683836	SSF x Near_LoA	-8,23471127	-0,051	0,298
CHR8	21684685	CHR8:21684685	SSF x Near_LoA	-10,8667201	0,111	0,303
CHR8	21699361	CHR8:21699361	SSF x Near_LoA	-8,56547417	0,018	0,313
CHR8	21699370	CHR8:21699370	SSF x Near_LoA	-9,05827235	-0,006	0,307
CHR8	21699526	CHR8:21699526	SSF x Near_LoA	-8,31373946	-0,042	0,307
CHR8	21699551	CHR8:21699551	SSF x Near_LoA	-9,1970411	0,021	0,303
CHR8	2172716	CHR8:2172716	SSF x Near_LoA	-11,7347429	-0,045	0,301
CHR8	21728475	CHR8:21728475	SSF x Near_LoA	-7,85859579	0,019	0,311
CHR8	21728544	CHR8:21728544	SSF x Near_LoA	-9,77959259	-0,036	0,301
CHR8	21728573	CHR8:21728573	SSF x Near_LoA	-8,32472392	-0,088	0,302
CHR8	21728576	CHR8:21728576	SSF x Near_LoA	-9,2326449	-0,037	0,311
CHR8	2172934	CHR8:2172934	SSF x Near_LoA	-8,66332447	-0,069	0,304
CHR8	21734224	CHR8:21734224	SSF x Near_LoA	-7,33696528	0,123	0,304
CHR8	21734306	CHR8:21734306	SSF x Near_LoA	-8,34002135	0,055	0,313
CHR8	21734420	CHR8:21734420	SSF x Near_LoA	-9,39573514	-0,079	0,304
CHR8	21734436	CHR8:21734436	SSF x Near_LoA	-9,00212117	-0,052	0,305
CHR8	21734465	CHR8:21734465	SSF x Near_LoA	-9,90046669	-0,102	0,310

CHR8	21734466	CHR8:21734466	SSF x Near_LoA	-7,84831248	-0,104	0,302
CHR8	21745988	CHR8:21745988	SSF x Near_LoA	-7,65480293	0,044	0,311
CHR8	21747646	CHR8:21747646	SSF x Near_LoA	-11,3718395	-0,003	0,300
CHR8	21747662	CHR8:21747662	SSF x Near_LoA	-12,0710887	-0,036	0,308
CHR8	21747669	CHR8:21747669	SSF x Near_LoA	-8,14357524	0,052	0,318
CHR8	21747673	CHR8:21747673	SSF x Near_LoA	-6,3073707	0,074	0,310
CHR8	21748810	CHR8:21748810	SSF x Near_LoA	-9,11665536	0,047	0,307
CHR8	21751262	CHR8:21751262	SSF x Near_LoA	-7,7909984	-0,046	0,316
CHR8	21751315	CHR8:21751315	SSF x Near_LoA	-9,08107259	0,129	0,308
CHR8	21754133	CHR8:21754133	SSF x Near_LoA	-2,03956782	-0,002	0,297
CHR8	21754162	CHR8:21754162	SSF x Near_LoA	-7,3146374	-0,048	0,276
CHR8	21754165	CHR8:21754165	SSF x Near_LoA	-2,08295508	-0,043	0,291
CHR8	21762974	CHR8:21762974	SSF x Near_LoA	-8,67421328	-0,062	0,309
CHR8	21769985	CHR8:21769985	SSF x Near_LoA	-7,494728	-0,109	0,284
CHR8	21770045	CHR8:21770045	SSF x Near_LoA	-10,3756141	-0,127	0,298
CHR8	21770049	CHR8:21770049	SSF x Near_LoA	-8,67017097	-0,029	0,319
CHR8	21770069	CHR8:21770069	SSF x Near_LoA	-10,0798219	-0,136	0,296
CHR8	21775447	CHR8:21775447	SSF x Near_LoA	-10,3059363	0,014	0,311
CHR8	21775609	CHR8:21775609	SSF x Near_LoA	-7,4394764	-0,126	0,306
CHR8	21775694	CHR8:21775694	SSF x Near_LoA	-10,5270056	0,053	0,295
CHR8	21775700	CHR8:21775700	SSF x Near_LoA	-10,8098112	-0,061	0,311
CHR8	217807	CHR8:217807	SSF x Near_LoA	-9,95923762	-0,006	0,307
CHR8	21782737	CHR8:21782737	SSF x Near_LoA	-9,75557149	-0,057	0,315
CHR8	21782761	CHR8:21782761	SSF x Near_LoA	-8,86661012	-0,076	0,297
CHR8	21801666	CHR8:21801666	SSF x Near_LoA	-7,66087417	-0,045	0,309
CHR8	21801670	CHR8:21801670	SSF x Near_LoA	-10,6730456	-0,016	0,303
CHR8	21801671	CHR8:21801671	SSF x Near_LoA	-9,15885621	-0,042	0,304
CHR8	21801673	CHR8:21801673	SSF x Near_LoA	-8,19544085	0,134	0,309
CHR8	21801686	CHR8:21801686	SSF x Near_LoA	-10,6277539	0,041	0,303
CHR8	21801700	CHR8:21801700	SSF x Near_LoA	-7,99911118	0,050	0,312
CHR8	21802619	CHR8:21802619	SSF x Near_LoA	-7,20008855	0,029	0,317
CHR8	21802683	CHR8:21802683	SSF x Near_LoA	-9,61101832	-0,088	0,307
CHR8	21802718	CHR8:21802718	SSF x Near_LoA	-11,9827534	-0,050	0,294
CHR8	21810324	CHR8:21810324	SSF x Near_LoA	-9,02031359	0,117	0,292
CHR8	21810350	CHR8:21810350	SSF x Near_LoA	-4,86959119	0,157	0,272
CHR8	21810763	CHR8:21810763	SSF x Near_LoA	-4,43165331	0,234	0,285
CHR8	21816184	CHR8:21816184	SSF x Near_LoA	-11,4426271	-0,039	0,310
CHR8	21823283	CHR8:21823283	SSF x Near_LoA	-7,70163364	0,104	0,324
CHR8	21823291	CHR8:21823291	SSF x Near_LoA	-8,76959776	0,062	0,305
CHR8	21823326	CHR8:21823326	SSF x Near_LoA	-8,77692606	0,075	0,315
CHR8	21827393	CHR8:21827393	SSF x Near_LoA	-7,60976001	-0,116	0,314
CHR8	21827434	CHR8:21827434	SSF x Near_LoA	-9,04403857	-0,087	0,309
CHR8	2182746	CHR8:2182746	SSF x Near_LoA	-7,20439037	-0,075	0,309
CHR8	21827503	CHR8:21827503	SSF x Near_LoA	-7,95664176	0,039	0,308
CHR8	2182799	CHR8:2182799	SSF x Near_LoA	-9,10889521	0,011	0,283
CHR8	2182830	CHR8:2182830	SSF x Near_LoA	-9,76368958	-0,036	0,302
CHR8	2182837	CHR8:2182837	SSF x Near_LoA	-9,10935313	-0,037	0,310
CHR8	2182900	CHR8:2182900	SSF x Near_LoA	-9,46601853	0,052	0,302
CHR8	2182997	CHR8:2182997	SSF x Near_LoA	-9,5832796	0,105	0,306
CHR8	21831613	CHR8:21831613	SSF x Near_LoA	-10,1256868	0,035	0,303
CHR8	21835583	CHR8:21835583	SSF x Near_LoA	-8,14834746	0,116	0,295
CHR8	21835667	CHR8:21835667	SSF x Near_LoA	-7,67368959	0,023	0,302
CHR8	21843477	CHR8:21843477	SSF x Near_LoA	-8,82140857	0,120	0,293

CHR8	21843562	CHR8:21843562	SSF x Near_LoA	-6,30352188	0,072	0,323
CHR8	21843711	CHR8:21843711	SSF x Near_LoA	-8,33712251	-0,093	0,302
CHR8	21855389	CHR8:21855389	SSF x Near_LoA	-11,5382797	0,034	0,305
CHR8	21855404	CHR8:21855404	SSF x Near_LoA	-8,88045142	-0,068	0,308
CHR8	21864686	CHR8:21864686	SSF x Near_LoA	-8,02231355	0,086	0,316
CHR8	21864699	CHR8:21864699	SSF x Near_LoA	-9,46518267	0,042	0,306
CHR8	21864739	CHR8:21864739	SSF x Near_LoA	-10,714031	0,060	0,311
CHR8	21864744	CHR8:21864744	SSF x Near_LoA	-8,74876267	0,052	0,326
CHR8	21864756	CHR8:21864756	SSF x Near_LoA	-8,41976398	0,030	0,313
CHR8	21864839	CHR8:21864839	SSF x Near_LoA	-9,827542	0,043	0,302
CHR8	21864851	CHR8:21864851	SSF x Near_LoA	-8,407995	-0,084	0,309
CHR8	21866835	CHR8:21866835	SSF x Near_LoA	-11,0764913	-0,043	0,308
CHR8	21866945	CHR8:21866945	SSF x Near_LoA	-9,25552133	0,058	0,304
CHR8	21867584	CHR8:21867584	SSF x Near_LoA	-8,74897687	-0,092	0,328
CHR8	21876029	CHR8:21876029	SSF x Near_LoA	-9,15498666	0,058	0,318
CHR8	21885469	CHR8:21885469	SSF x Near_LoA	-9,9471357	0,091	0,293
CHR8	2189106	CHR8:2189106	SSF x Near_LoA	-9,25170517	-0,032	0,303
CHR8	2189113	CHR8:2189113	SSF x Near_LoA	-10,9552534	0,060	0,310
CHR8	2189186	CHR8:2189186	SSF x Near_LoA	-9,70612547	0,003	0,318
CHR8	21892161	CHR8:21892161	SSF x Near_LoA	-1,53950865	-0,102	0,294
CHR8	21892288	CHR8:21892288	SSF x Near_LoA	-7,88994104	0,069	0,310
CHR8	21922354	CHR8:21922354	SSF x Near_LoA	-9,44971183	0,100	0,314
CHR8	21922374	CHR8:21922374	SSF x Near_LoA	-9,1394806	0,001	0,312
CHR8	21922409	CHR8:21922409	SSF x Near_LoA	-6,63361183	0,060	0,315
CHR8	21922437	CHR8:21922437	SSF x Near_LoA	-7,80825174	-0,079	0,299
CHR8	21922619	CHR8:21922619	SSF x Near_LoA	-6,22023191	0,037	0,308
CHR8	21922630	CHR8:21922630	SSF x Near_LoA	-9,03104378	-0,023	0,313
CHR8	21926867	CHR8:21926867	SSF x Near_LoA	-9,84993303	0,054	0,313
CHR8	21926934	CHR8:21926934	SSF x Near_LoA	-11,2089135	0,019	0,297
CHR8	21926965	CHR8:21926965	SSF x Near_LoA	-11,1102637	-0,047	0,309
CHR8	21927100	CHR8:21927100	SSF x Near_LoA	-7,08795754	-0,049	0,296
CHR8	21927104	CHR8:21927104	SSF x Near_LoA	-8,6020146	-0,104	0,304
CHR8	21927109	CHR8:21927109	SSF x Near_LoA	-11,0394859	-0,075	0,308
CHR8	21927113	CHR8:21927113	SSF x Near_LoA	-8,94209163	-0,122	0,312
CHR8	21937151	CHR8:21937151	SSF x Near_LoA	-9,03686159	0,056	0,290
CHR8	21942971	CHR8:21942971	SSF x Near_LoA	-8,80558154	0,025	0,317
CHR8	21949250	CHR8:21949250	SSF x Near_LoA	-4,07820488	0,057	0,298
CHR8	21956465	CHR8:21956465	SSF x Near_LoA	-9,39715838	0,003	0,313
CHR8	21956639	CHR8:21956639	SSF x Near_LoA	-8,64667682	0,009	0,303
CHR8	21956646	CHR8:21956646	SSF x Near_LoA	-10,0337749	0,079	0,301
CHR8	21962555	CHR8:21962555	SSF x Near_LoA	-9,26812786	0,017	0,310
CHR8	2196294	CHR8:2196294	SSF x Near_LoA	-10,3605763	-0,004	0,328
CHR8	2196304	CHR8:2196304	SSF x Near_LoA	-8,15767968	-0,061	0,294
CHR8	2196331	CHR8:2196331	SSF x Near_LoA	-11,5789917	-0,070	0,309
CHR8	2196349	CHR8:2196349	SSF x Near_LoA	-10,603759	-0,022	0,295
CHR8	21970303	CHR8:21970303	SSF x Near_LoA	-6,47633094	-0,074	0,303
CHR8	21990716	CHR8:21990716	SSF x Near_LoA	-3,73793568	-0,159	0,310
CHR8	21990784	CHR8:21990784	SSF x Near_LoA	-11,1490333	0,002	0,305
CHR8	21990787	CHR8:21990787	SSF x Near_LoA	-9,81976677	-0,058	0,299
CHR8	21990828	CHR8:21990828	SSF x Near_LoA	-10,3800259	0,049	0,312
CHR8	21992797	CHR8:21992797	SSF x Near_LoA	-10,5232758	-0,094	0,300
CHR8	21997549	CHR8:21997549	SSF x Near_LoA	-9,12540162	-0,073	0,324
CHR8	22002800	CHR8:22002800	SSF x Near_LoA	-8,24405503	0,170	0,298

CHR8	22008851	CHR8:22008851	SSF x Near_LoA	-9,83393849	0,014	0,314
CHR8	22008888	CHR8:22008888	SSF x Near_LoA	-9,24315024	0,006	0,310
CHR8	22008908	CHR8:22008908	SSF x Near_LoA	-11,8468339	0,051	0,302
CHR8	22008975	CHR8:22008975	SSF x Near_LoA	-10,0570454	0,057	0,313
CHR8	22009012	CHR8:22009012	SSF x Near_LoA	-7,91575223	-0,106	0,323
CHR8	22009058	CHR8:22009058	SSF x Near_LoA	-7,8554349	0,087	0,293
CHR8	22009061	CHR8:22009061	SSF x Near_LoA	-9,35164884	-0,077	0,295
CHR8	22013803	CHR8:22013803	SSF x Near_LoA	-10,0332902	-0,002	0,313
CHR8	22013814	CHR8:22013814	SSF x Near_LoA	-7,31271733	0,121	0,296
CHR8	22013909	CHR8:22013909	SSF x Near_LoA	-10,6339697	0,052	0,306
CHR8	22015870	CHR8:22015870	SSF x Near_LoA	-11,1619298	-0,002	0,309
CHR8	22015918	CHR8:22015918	SSF x Near_LoA	-9,65848835	0,057	0,301
CHR8	22017810	CHR8:22017810	SSF x Near_LoA	-11,0482565	-0,033	0,317
CHR8	22022322	CHR8:22022322	SSF x Near_LoA	-11,7183096	0,031	0,298
CHR8	22022410	CHR8:22022410	SSF x Near_LoA	-7,82424619	0,093	0,299
CHR8	22022469	CHR8:22022469	SSF x Near_LoA	-11,8698742	0,004	0,311
CHR8	22022515	CHR8:22022515	SSF x Near_LoA	-9,64796175	-0,041	0,309
CHR8	22022557	CHR8:22022557	SSF x Near_LoA	-7,97520269	0,117	0,303
CHR8	22033650	CHR8:22033650	SSF x Near_LoA	-8,65351512	0,075	0,305
CHR8	22033802	CHR8:22033802	SSF x Near_LoA	-5,95353591	-0,145	0,298
CHR8	22033808	CHR8:22033808	SSF x Near_LoA	-9,71005331	0,072	0,298
CHR8	22033839	CHR8:22033839	SSF x Near_LoA	-9,63692775	0,002	0,309
CHR8	22036769	CHR8:22036769	SSF x Near_LoA	-8,54466171	0,082	0,296
CHR8	22039692	CHR8:22039692	SSF x Near_LoA	-11,2318654	-0,014	0,314
CHR8	22039707	CHR8:22039707	SSF x Near_LoA	1,80634054	0,163	0,305
CHR8	22045591	CHR8:22045591	SSF x Near_LoA	-7,82189656	-0,107	0,305
CHR8	22046042	CHR8:22046042	SSF x Near_LoA	-10,8395238	-0,061	0,290
CHR8	22046048	CHR8:22046048	SSF x Near_LoA	-9,66711786	-0,066	0,302
CHR8	22047515	CHR8:22047515	SSF x Near_LoA	-8,91493629	0,138	0,289
CHR8	22047532	CHR8:22047532	SSF x Near_LoA	-11,4549551	-0,021	0,301
CHR8	22047536	CHR8:22047536	SSF x Near_LoA	-3,10796624	-0,155	0,311
CHR8	22047608	CHR8:22047608	SSF x Near_LoA	-7,32398796	0,153	0,304
CHR8	22047614	CHR8:22047614	SSF x Near_LoA	-11,308799	-0,067	0,309
CHR8	22047679	CHR8:22047679	SSF x Near_LoA	-5,83459725	0,121	0,311
CHR8	22047725	CHR8:22047725	SSF x Near_LoA	-6,15957002	-0,179	0,296
CHR8	22057711	CHR8:22057711	SSF x Near_LoA	-10,3486075	-0,030	0,312
CHR8	22057717	CHR8:22057717	SSF x Near_LoA	-10,0775746	0,061	0,309
CHR8	22057721	CHR8:22057721	SSF x Near_LoA	-7,37600906	-0,049	0,314
CHR8	22057764	CHR8:22057764	SSF x Near_LoA	-9,44508528	-0,016	0,303
CHR8	22057799	CHR8:22057799	SSF x Near_LoA	-8,28436515	0,069	0,309
CHR8	22057854	CHR8:22057854	SSF x Near_LoA	-10,8602206	0,055	0,295
CHR8	22057857	CHR8:22057857	SSF x Near_LoA	-9,8283263	-0,019	0,303
CHR8	22057898	CHR8:22057898	SSF x Near_LoA	-10,3872379	-0,014	0,301
CHR8	22061147	CHR8:22061147	SSF x Near_LoA	-11,2070932	-0,036	0,321
CHR8	22061444	CHR8:22061444	SSF x Near_LoA	-10,1455164	-0,040	0,309
CHR8	22064486	CHR8:22064486	SSF x Near_LoA	-6,87069299	0,057	0,303
CHR8	22064543	CHR8:22064543	SSF x Near_LoA	-7,26512965	-0,020	0,313
CHR8	22064677	CHR8:22064677	SSF x Near_LoA	-11,6470801	-0,022	0,317
CHR8	22064698	CHR8:22064698	SSF x Near_LoA	-11,1775141	-0,040	0,322
CHR8	22066838	CHR8:22066838	SSF x Near_LoA	-9,54030766	0,025	0,304
CHR8	22066916	CHR8:22066916	SSF x Near_LoA	-10,0800196	0,003	0,308
CHR8	22069977	CHR8:22069977	SSF x Near_LoA	-9,08904722	0,097	0,300
CHR8	22070019	CHR8:22070019	SSF x Near_LoA	-10,6949185	0,022	0,306

CHR8	22070062	CHR8:22070062	SSF x Near_LoA	-7,77154836	-0,044	0,303
CHR8	22070074	CHR8:22070074	SSF x Near_LoA	-10,8129066	-0,017	0,302
CHR8	22070103	CHR8:22070103	SSF x Near_LoA	-7,47327204	0,170	0,306
CHR8	22070105	CHR8:22070105	SSF x Near_LoA	-10,4664065	0,048	0,301
CHR8	22070804	CHR8:22070804	SSF x Near_LoA	-4,5657535	-0,118	0,316
CHR8	22073152	CHR8:22073152	SSF x Near_LoA	-6,66713701	0,019	0,319
CHR8	22074177	CHR8:22074177	SSF x Near_LoA	-10,0174202	0,054	0,304
CHR8	22074191	CHR8:22074191	SSF x Near_LoA	-6,58669093	0,017	0,303
CHR8	22074238	CHR8:22074238	SSF x Near_LoA	-8,63739373	0,089	0,298
CHR8	22082798	CHR8:22082798	SSF x Near_LoA	-8,74579517	-0,012	0,308
CHR8	22083002	CHR8:22083002	SSF x Near_LoA	-8,67480951	-0,065	0,294
CHR8	22083096	CHR8:22083096	SSF x Near_LoA	-10,0146165	-0,008	0,322
CHR8	22083114	CHR8:22083114	SSF x Near_LoA	-8,28142199	-0,010	0,318
CHR8	2208800	CHR8:2208800	SSF x Near_LoA	-10,3910837	-0,155	0,302
CHR8	2208849	CHR8:2208849	SSF x Near_LoA	-9,86407851	0,144	0,304
CHR8	2210517	CHR8:2210517	SSF x Near_LoA	-10,4498084	0,060	0,302
CHR8	22105710	CHR8:22105710	SSF x Near_LoA	-8,03770733	0,020	0,316
CHR8	22105766	CHR8:22105766	SSF x Near_LoA	-10,4818778	0,052	0,299
CHR8	22105874	CHR8:22105874	SSF x Near_LoA	-4,59762425	-0,003	0,316
CHR8	22105898	CHR8:22105898	SSF x Near_LoA	-8,30189958	0,000	0,315
CHR8	22105903	CHR8:22105903	SSF x Near_LoA	-9,95382679	0,010	0,315
CHR8	22108041	CHR8:22108041	SSF x Near_LoA	-8,54390291	0,074	0,296
CHR8	22108102	CHR8:22108102	SSF x Near_LoA	-4,14298596	0,097	0,305
CHR8	22108118	CHR8:22108118	SSF x Near_LoA	-7,9556449	0,057	0,310
CHR8	22112109	CHR8:22112109	SSF x Near_LoA	-10,5845132	-0,057	0,310
CHR8	22112188	CHR8:22112188	SSF x Near_LoA	-2,8839177	-0,164	0,301
CHR8	22112252	CHR8:22112252	SSF x Near_LoA	-7,79484432	0,073	0,320
CHR8	22113229	CHR8:22113229	SSF x Near_LoA	-9,91200291	-0,005	0,305
CHR8	22113236	CHR8:22113236	SSF x Near_LoA	-11,0139717	-0,102	0,300
CHR8	22113251	CHR8:22113251	SSF x Near_LoA	-6,28116577	0,058	0,310
CHR8	22113255	CHR8:22113255	SSF x Near_LoA	-9,15996924	0,057	0,296
CHR8	22113262	CHR8:22113262	SSF x Near_LoA	-10,9002454	0,062	0,297
CHR8	22113270	CHR8:22113270	SSF x Near_LoA	-8,72999332	-0,028	0,306
CHR8	22113311	CHR8:22113311	SSF x Near_LoA	-6,2685305	0,065	0,303
CHR8	22113318	CHR8:22113318	SSF x Near_LoA	-5,82189458	0,104	0,294
CHR8	2211485	CHR8:2211485	SSF x Near_LoA	-9,58937979	0,065	0,308
CHR8	2211516	CHR8:2211516	SSF x Near_LoA	-10,3568284	0,026	0,304
CHR8	22115704	CHR8:22115704	SSF x Near_LoA	-6,77823071	0,071	0,315
CHR8	2211693	CHR8:2211693	SSF x Near_LoA	-10,7009871	0,022	0,319
CHR8	22123230	CHR8:22123230	SSF x Near_LoA	-11,1025071	-0,027	0,307
CHR8	22130153	CHR8:22130153	SSF x Near_LoA	-8,9072304	-0,068	0,305
CHR8	22130187	CHR8:22130187	SSF x Near_LoA	-8,84859986	0,024	0,311
CHR8	22130188	CHR8:22130188	SSF x Near_LoA	-8,14018136	-0,087	0,301
CHR8	22134867	CHR8:22134867	SSF x Near_LoA	-10,2662328	-0,023	0,308
CHR8	22134868	CHR8:22134868	SSF x Near_LoA	-10,0589711	0,016	0,306
CHR8	22134886	CHR8:22134886	SSF x Near_LoA	-7,36496908	-0,065	0,324
CHR8	22134895	CHR8:22134895	SSF x Near_LoA	-8,93781754	0,006	0,310
CHR8	22134936	CHR8:22134936	SSF x Near_LoA	-9,02961659	0,001	0,312
CHR8	22134940	CHR8:22134940	SSF x Near_LoA	-9,01373604	-0,023	0,318
CHR8	22134964	CHR8:22134964	SSF x Near_LoA	-8,89890534	-0,056	0,304
CHR8	2214010	CHR8:2214010	SSF x Near_LoA	-7,69456706	0,037	0,333
CHR8	2214048	CHR8:2214048	SSF x Near_LoA	-7,60912154	-0,002	0,322
CHR8	2214111	CHR8:2214111	SSF x Near_LoA	-10,0849701	0,096	0,300

CHR8	22141152	CHR8:22141152	SSF x Near_LoA	-8,3200569	-0,118	0,313
CHR8	22141179	CHR8:22141179	SSF x Near_LoA	-7,6387036	-0,136	0,322
CHR8	22152991	CHR8:22152991	SSF x Near_LoA	-10,618672	0,026	0,302
CHR8	22152992	CHR8:22152992	SSF x Near_LoA	-9,39071887	-0,077	0,310
CHR8	22152995	CHR8:22152995	SSF x Near_LoA	-5,39384011	0,019	0,305
CHR8	22153051	CHR8:22153051	SSF x Near_LoA	-11,0408068	0,037	0,294
CHR8	22153058	CHR8:22153058	SSF x Near_LoA	-10,3787417	-0,042	0,312
CHR8	22153070	CHR8:22153070	SSF x Near_LoA	-6,93505975	0,167	0,293
CHR8	22153074	CHR8:22153074	SSF x Near_LoA	-4,0800014	-0,039	0,311
CHR8	22153080	CHR8:22153080	SSF x Near_LoA	-8,2815712	-0,094	0,302
CHR8	22153147	CHR8:22153147	SSF x Near_LoA	-7,56897593	0,049	0,306
CHR8	22153161	CHR8:22153161	SSF x Near_LoA	-5,87342953	0,076	0,287
CHR8	22153172	CHR8:22153172	SSF x Near_LoA	-9,32084168	-0,011	0,298
CHR8	22155535	CHR8:22155535	SSF x Near_LoA	-10,9138046	0,079	0,307
CHR8	22155660	CHR8:22155660	SSF x Near_LoA	-9,41132289	0,026	0,316
CHR8	22155682	CHR8:22155682	SSF x Near_LoA	-7,23909766	0,060	0,303
CHR8	2216186	CHR8:2216186	SSF x Near_LoA	-10,8213773	0,077	0,290
CHR8	22174212	CHR8:22174212	SSF x Near_LoA	-8,93477637	0,109	0,300
CHR8	22175090	CHR8:22175090	SSF x Near_LoA	-10,7331597	-0,030	0,326
CHR8	22179937	CHR8:22179937	SSF x Near_LoA	-7,00185913	-0,011	0,300
CHR8	22179996	CHR8:22179996	SSF x Near_LoA	-7,86404929	-0,001	0,303
CHR8	22179998	CHR8:22179998	SSF x Near_LoA	-9,24079186	-0,084	0,293
CHR8	22180013	CHR8:22180013	SSF x Near_LoA	-9,07761623	-0,038	0,309
CHR8	22180074	CHR8:22180074	SSF x Near_LoA	-8,20099397	0,084	0,302
CHR8	22180099	CHR8:22180099	SSF x Near_LoA	-10,2616388	-0,088	0,288
CHR8	22180132	CHR8:22180132	SSF x Near_LoA	-8,59167304	-0,036	0,306
CHR8	22182984	CHR8:22182984	SSF x Near_LoA	-11,5233157	-0,002	0,304
CHR8	22182989	CHR8:22182989	SSF x Near_LoA	-8,92028533	0,057	0,303
CHR8	22201605	CHR8:22201605	SSF x Near_LoA	-10,0056959	0,076	0,302
CHR8	22201873	CHR8:22201873	SSF x Near_LoA	-11,1796132	0,054	0,308
CHR8	22203851	CHR8:22203851	SSF x Near_LoA	-6,64851537	0,133	0,310
CHR8	22203878	CHR8:22203878	SSF x Near_LoA	-6,9097944	0,120	0,289
CHR8	22210907	CHR8:22210907	SSF x Near_LoA	-7,39829532	0,158	0,316
CHR8	22213491	CHR8:22213491	SSF x Near_LoA	-8,74927111	0,088	0,292
CHR8	22218107	CHR8:22218107	SSF x Near_LoA	-6,78767227	-0,019	0,305
CHR8	22218118	CHR8:22218118	SSF x Near_LoA	-8,87519397	0,076	0,306
CHR8	22218132	CHR8:22218132	SSF x Near_LoA	-8,94880082	0,082	0,307
CHR8	22219747	CHR8:22219747	SSF x Near_LoA	-10,949795	0,048	0,313
CHR8	22219765	CHR8:22219765	SSF x Near_LoA	-9,49566956	0,039	0,329
CHR8	22219834	CHR8:22219834	SSF x Near_LoA	-7,0183504	0,004	0,298
CHR8	22220275	CHR8:22220275	SSF x Near_LoA	-8,3883549	-0,119	0,321
CHR8	22220290	CHR8:22220290	SSF x Near_LoA	-8,96300774	0,054	0,309
CHR8	22220304	CHR8:22220304	SSF x Near_LoA	-5,30414413	-0,050	0,310
CHR8	22220327	CHR8:22220327	SSF x Near_LoA	-9,10940064	-0,039	0,319
CHR8	22220333	CHR8:22220333	SSF x Near_LoA	-4,57106395	-0,173	0,312
CHR8	22220365	CHR8:22220365	SSF x Near_LoA	-9,84456502	-0,015	0,304
CHR8	22223043	CHR8:22223043	SSF x Near_LoA	-10,1077224	0,034	0,315
CHR8	22223133	CHR8:22223133	SSF x Near_LoA	-10,1552175	0,025	0,309
CHR8	22227063	CHR8:22227063	SSF x Near_LoA	-11,635343	-0,016	0,294
CHR8	22227237	CHR8:22227237	SSF x Near_LoA	-9,21537399	0,005	0,298
CHR8	22240679	CHR8:22240679	SSF x Near_LoA	-9,56739464	0,054	0,303
CHR8	22240691	CHR8:22240691	SSF x Near_LoA	-9,08282095	-0,017	0,314
CHR8	22240758	CHR8:22240758	SSF x Near_LoA	-8,54098059	0,100	0,314

CHR8	22240785	CHR8:22240785	SSF x Near_LoA	-9,27666209	0,050	0,311
CHR8	22240854	CHR8:22240854	SSF x Near_LoA	-12,0134535	0,029	0,291
CHR8	2224371	CHR8:2224371	SSF x Near_LoA	-8,84746156	-0,014	0,308
CHR8	2224398	CHR8:2224398	SSF x Near_LoA	-3,95406523	-0,100	0,307
CHR8	2224489	CHR8:2224489	SSF x Near_LoA	-10,2216781	0,056	0,300
CHR8	22246301	CHR8:22246301	SSF x Near_LoA	-10,6513424	0,051	0,294
CHR8	22246302	CHR8:22246302	SSF x Near_LoA	-9,60203553	0,036	0,297
CHR8	22246339	CHR8:22246339	SSF x Near_LoA	-9,12907179	0,037	0,306
CHR8	22246382	CHR8:22246382	SSF x Near_LoA	-10,6857266	0,068	0,322
CHR8	22246398	CHR8:22246398	SSF x Near_LoA	-10,5518972	-0,032	0,304
CHR8	22246419	CHR8:22246419	SSF x Near_LoA	-8,68767011	0,000	0,303
CHR8	22280027	CHR8:22280027	SSF x Near_LoA	-5,30021892	-0,065	0,315
CHR8	22282745	CHR8:22282745	SSF x Near_LoA	-10,4684888	-0,004	0,305
CHR8	22283923	CHR8:22283923	SSF x Near_LoA	-10,5356448	-0,048	0,305
CHR8	22283999	CHR8:22283999	SSF x Near_LoA	-8,12632716	-0,088	0,306
CHR8	22284037	CHR8:22284037	SSF x Near_LoA	-9,05664797	0,136	0,307
CHR8	22287144	CHR8:22287144	SSF x Near_LoA	-9,7346505	-0,002	0,301
CHR8	22287149	CHR8:22287149	SSF x Near_LoA	-11,5120077	-0,039	0,306
CHR8	22287220	CHR8:22287220	SSF x Near_LoA	-11,118267	-0,060	0,315
CHR8	22287239	CHR8:22287239	SSF x Near_LoA	-10,6220102	-0,051	0,312
CHR8	22287252	CHR8:22287252	SSF x Near_LoA	-9,2641488	0,039	0,299
CHR8	22287259	CHR8:22287259	SSF x Near_LoA	-9,13218647	0,005	0,314
CHR8	22287273	CHR8:22287273	SSF x Near_LoA	-9,71138167	-0,093	0,304
CHR8	22288463	CHR8:22288463	SSF x Near_LoA	-10,4056442	0,059	0,300
CHR8	22288496	CHR8:22288496	SSF x Near_LoA	-10,2538603	0,115	0,297
CHR8	22288531	CHR8:22288531	SSF x Near_LoA	-8,69420391	-0,119	0,309
CHR8	22288586	CHR8:22288586	SSF x Near_LoA	-9,06327449	-0,164	0,301
CHR8	22289388	CHR8:22289388	SSF x Near_LoA	-8,13352327	-0,075	0,307
CHR8	2229371	CHR8:2229371	SSF x Near_LoA	-11,3592322	0,048	0,311
CHR8	2229446	CHR8:2229446	SSF x Near_LoA	-11,8480647	-0,008	0,317
CHR8	22302257	CHR8:22302257	SSF x Near_LoA	-10,4882749	-0,107	0,300
CHR8	22308164	CHR8:22308164	SSF x Near_LoA	-8,78308195	0,118	0,304
CHR8	22308265	CHR8:22308265	SSF x Near_LoA	-6,91437406	0,139	0,311
CHR8	22319623	CHR8:22319623	SSF x Near_LoA	-6,98694047	-0,091	0,309
CHR8	22319700	CHR8:22319700	SSF x Near_LoA	-7,00514983	-0,030	0,310
CHR8	22319706	CHR8:22319706	SSF x Near_LoA	-7,99362261	-0,035	0,311
CHR8	22319830	CHR8:22319830	SSF x Near_LoA	-6,64792584	-0,102	0,312
CHR8	22332108	CHR8:22332108	SSF x Near_LoA	-9,17587083	-0,021	0,315
CHR8	22332116	CHR8:22332116	SSF x Near_LoA	-3,11032344	0,025	0,325
CHR8	22332156	CHR8:22332156	SSF x Near_LoA	-8,52293029	0,041	0,299
CHR8	22332261	CHR8:22332261	SSF x Near_LoA	-9,6198032	0,007	0,302
CHR8	22332342	CHR8:22332342	SSF x Near_LoA	-7,60159717	-0,123	0,313
CHR8	22332445	CHR8:22332445	SSF x Near_LoA	-8,32384832	-0,119	0,305
CHR8	22332450	CHR8:22332450	SSF x Near_LoA	-9,11948823	-0,055	0,314
CHR8	22332552	CHR8:22332552	SSF x Near_LoA	-10,2004163	0,046	0,317
CHR8	22336388	CHR8:22336388	SSF x Near_LoA	-10,1653045	0,096	0,304
CHR8	22336400	CHR8:22336400	SSF x Near_LoA	-8,57342523	0,002	0,298
CHR8	22338625	CHR8:22338625	SSF x Near_LoA	-11,3597697	0,069	0,309
CHR8	22347896	CHR8:22347896	SSF x Near_LoA	-9,06075884	-0,001	0,301
CHR8	22347903	CHR8:22347903	SSF x Near_LoA	-7,10671973	0,105	0,316
CHR8	22350723	CHR8:22350723	SSF x Near_LoA	-6,85118649	0,217	0,281
CHR8	22350761	CHR8:22350761	SSF x Near_LoA	-9,23069415	-0,017	0,307
CHR8	22350803	CHR8:22350803	SSF x Near_LoA	-7,32889514	-0,190	0,279

CHR8	22365346	CHR8:22365346	SSF x Near_LoA	-9,40060923	-0,035	0,314
CHR8	22365440	CHR8:22365440	SSF x Near_LoA	-8,54868394	0,038	0,301
CHR8	22365445	CHR8:22365445	SSF x Near_LoA	-8,91403656	0,034	0,293
CHR8	22365532	CHR8:22365532	SSF x Near_LoA	-9,12792366	0,134	0,306
CHR8	22370708	CHR8:22370708	SSF x Near_LoA	-11,7796528	-0,004	0,297
CHR8	22370726	CHR8:22370726	SSF x Near_LoA	-8,15564227	0,119	0,308
CHR8	22372277	CHR8:22372277	SSF x Near_LoA	-10,3957388	0,046	0,313
CHR8	22372338	CHR8:22372338	SSF x Near_LoA	-7,88613605	-0,074	0,308
CHR8	22375756	CHR8:22375756	SSF x Near_LoA	-9,3952925	-0,059	0,306
CHR8	22386076	CHR8:22386076	SSF x Near_LoA	-8,85040809	-0,059	0,302
CHR8	22387430	CHR8:22387430	SSF x Near_LoA	-8,85310639	0,044	0,321
CHR8	22387534	CHR8:22387534	SSF x Near_LoA	-1,48820838	0,220	0,301
CHR8	22389132	CHR8:22389132	SSF x Near_LoA	-9,89082425	-0,062	0,296
CHR8	22389181	CHR8:22389181	SSF x Near_LoA	-10,4979836	-0,056	0,300
CHR8	22389185	CHR8:22389185	SSF x Near_LoA	-9,97132491	-0,034	0,295
CHR8	22389224	CHR8:22389224	SSF x Near_LoA	-2,27750277	0,263	0,291
CHR8	22389303	CHR8:22389303	SSF x Near_LoA	-3,11858479	0,292	0,278
CHR8	22397388	CHR8:22397388	SSF x Near_LoA	-7,46903851	0,186	0,282
CHR8	22402975	CHR8:22402975	SSF x Near_LoA	-9,20228323	0,116	0,312
CHR8	22412993	CHR8:22412993	SSF x Near_LoA	-10,1320481	0,118	0,315
CHR8	22416091	CHR8:22416091	SSF x Near_LoA	-8,23856925	-0,139	0,295
CHR8	22427847	CHR8:22427847	SSF x Near_LoA	-1,7098756	-0,195	0,297
CHR8	22429149	CHR8:22429149	SSF x Near_LoA	-10,6809785	-0,061	0,311
CHR8	22436027	CHR8:22436027	SSF x Near_LoA	-7,55029651	0,093	0,294
CHR8	22436038	CHR8:22436038	SSF x Near_LoA	-10,3300789	0,048	0,296
CHR8	22436048	CHR8:22436048	SSF x Near_LoA	-10,1369024	-0,065	0,300
CHR8	22436106	CHR8:22436106	SSF x Near_LoA	-9,04656021	0,006	0,321
CHR8	22441600	CHR8:22441600	SSF x Near_LoA	-10,9368603	0,013	0,311
CHR8	22454117	CHR8:22454117	SSF x Near_LoA	-11,1936974	-0,023	0,298
CHR8	22454120	CHR8:22454120	SSF x Near_LoA	-10,471463	-0,034	0,310
CHR8	22454140	CHR8:22454140	SSF x Near_LoA	-10,0983483	-0,049	0,312
CHR8	22454154	CHR8:22454154	SSF x Near_LoA	-10,6351558	-0,078	0,300
CHR8	22454263	CHR8:22454263	SSF x Near_LoA	-6,07884964	0,200	0,294
CHR8	22467353	CHR8:22467353	SSF x Near_LoA	-9,38073209	-0,108	0,311
CHR8	22467381	CHR8:22467381	SSF x Near_LoA	-11,7500728	-0,066	0,301
CHR8	22467412	CHR8:22467412	SSF x Near_LoA	-3,91183382	-0,154	0,300
CHR8	22467468	CHR8:22467468	SSF x Near_LoA	-10,6932471	-0,022	0,285
CHR8	22468738	CHR8:22468738	SSF x Near_LoA	-9,45429122	-0,142	0,314
CHR8	22468764	CHR8:22468764	SSF x Near_LoA	0,61475703	-0,137	0,310
CHR8	22468765	CHR8:22468765	SSF x Near_LoA	-10,4514171	-0,060	0,301
CHR8	22468766	CHR8:22468766	SSF x Near_LoA	-10,8174411	-0,072	0,300
CHR8	22470115	CHR8:22470115	SSF x Near_LoA	-7,97639033	0,032	0,310
CHR8	22470197	CHR8:22470197	SSF x Near_LoA	-9,65372439	-0,006	0,305
CHR8	22472675	CHR8:22472675	SSF x Near_LoA	-5,17815439	0,115	0,308
CHR8	22472771	CHR8:22472771	SSF x Near_LoA	-8,32241768	-0,031	0,307
CHR8	22480964	CHR8:22480964	SSF x Near_LoA	-11,5639025	0,046	0,308
CHR8	22496856	CHR8:22496856	SSF x Near_LoA	-8,82478127	0,036	0,293
CHR8	22496903	CHR8:22496903	SSF x Near_LoA	-8,76407592	-0,009	0,315
CHR8	22500396	CHR8:22500396	SSF x Near_LoA	-9,26494598	-0,039	0,298
CHR8	22500518	CHR8:22500518	SSF x Near_LoA	-8,19113412	-0,005	0,311
CHR8	22500521	CHR8:22500521	SSF x Near_LoA	-9,06443677	-0,082	0,321
CHR8	22500526	CHR8:22500526	SSF x Near_LoA	-11,0830239	-0,040	0,306
CHR8	22500585	CHR8:22500585	SSF x Near_LoA	-7,40518444	-0,032	0,320

CHR8	22510087	CHR8:22510087	SSF x Near_LoA	-7,81697845	-0,050	0,293
CHR8	22510122	CHR8:22510122	SSF x Near_LoA	-7,54558303	-0,103	0,320
CHR8	22541167	CHR8:22541167	SSF x Near_LoA	-10,9689027	0,048	0,300
CHR8	22541229	CHR8:22541229	SSF x Near_LoA	-6,99166708	-0,144	0,312
CHR8	2255447	CHR8:2255447	SSF x Near_LoA	-9,48641327	0,001	0,305
CHR8	22554878	CHR8:22554878	SSF x Near_LoA	-7,5601821	0,102	0,313
CHR8	22555019	CHR8:22555019	SSF x Near_LoA	-9,13990331	-0,074	0,302
CHR8	22555109	CHR8:22555109	SSF x Near_LoA	-9,05513174	-0,073	0,311
CHR8	22556649	CHR8:22556649	SSF x Near_LoA	-4,20506985	0,184	0,290
CHR8	22570514	CHR8:22570514	SSF x Near_LoA	-7,42472454	-0,020	0,302
CHR8	22570532	CHR8:22570532	SSF x Near_LoA	7,01444813	-0,094	0,309
CHR8	22570574	CHR8:22570574	SSF x Near_LoA	-7,90345223	-0,049	0,310
CHR8	22570578	CHR8:22570578	SSF x Near_LoA	-8,14016553	-0,126	0,310
CHR8	22570638	CHR8:22570638	SSF x Near_LoA	-10,172699	-0,059	0,311
CHR8	22572496	CHR8:22572496	SSF x Near_LoA	-10,4240204	-0,034	0,318
CHR8	22573504	CHR8:22573504	SSF x Near_LoA	-9,29544452	0,048	0,304
CHR8	22576879	CHR8:22576879	SSF x Near_LoA	-9,87279344	0,009	0,304
CHR8	2258042	CHR8:2258042	SSF x Near_LoA	-10,030739	0,006	0,318
CHR8	2258184	CHR8:2258184	SSF x Near_LoA	-10,4792264	-0,026	0,306
CHR8	2258192	CHR8:2258192	SSF x Near_LoA	-7,8478452	0,010	0,306
CHR8	2258224	CHR8:2258224	SSF x Near_LoA	-9,22824838	-0,063	0,300
CHR8	22600060	CHR8:22600060	SSF x Near_LoA	-9,88689963	-0,052	0,299
CHR8	22600360	CHR8:22600360	SSF x Near_LoA	-9,86746201	-0,067	0,318
CHR8	22603568	CHR8:22603568	SSF x Near_LoA	-10,8863142	0,112	0,315
CHR8	22603587	CHR8:22603587	SSF x Near_LoA	-9,61313478	-0,086	0,311
CHR8	22603821	CHR8:22603821	SSF x Near_LoA	-9,48755561	-0,083	0,308
CHR8	22606283	CHR8:22606283	SSF x Near_LoA	-12,0547029	0,077	0,313
CHR8	22618287	CHR8:22618287	SSF x Near_LoA	-8,93615528	-0,095	0,305
CHR8	22618327	CHR8:22618327	SSF x Near_LoA	-10,6088347	0,056	0,300
CHR8	22655808	CHR8:22655808	SSF x Near_LoA	-12,3472574	0,033	0,291
CHR8	22655928	CHR8:22655928	SSF x Near_LoA	-8,21933428	0,185	0,300
CHR8	22656009	CHR8:22656009	SSF x Near_LoA	-11,888329	-0,018	0,310
CHR8	22656019	CHR8:22656019	SSF x Near_LoA	-10,6218621	-0,055	0,293
CHR8	22662746	CHR8:22662746	SSF x Near_LoA	-12,0665602	0,035	0,301
CHR8	22663031	CHR8:22663031	SSF x Near_LoA	-5,95269002	-0,002	0,323
CHR8	22668824	CHR8:22668824	SSF x Near_LoA	-10,0165321	-0,114	0,305
CHR8	22674319	CHR8:22674319	SSF x Near_LoA	-7,50824583	0,075	0,290
CHR8	22674361	CHR8:22674361	SSF x Near_LoA	-6,93391585	0,057	0,302
CHR8	22674424	CHR8:22674424	SSF x Near_LoA	-8,10645047	0,139	0,294
CHR8	22683786	CHR8:22683786	SSF x Near_LoA	-6,08985601	-0,012	0,316
CHR8	22683872	CHR8:22683872	SSF x Near_LoA	-3,26459885	0,077	0,306
CHR8	22683879	CHR8:22683879	SSF x Near_LoA	-11,0788807	0,021	0,315
CHR8	22688615	CHR8:22688615	SSF x Near_LoA	-8,51853821	0,059	0,312
CHR8	22688663	CHR8:22688663	SSF x Near_LoA	-6,15756403	-0,105	0,294
CHR8	22688713	CHR8:22688713	SSF x Near_LoA	-10,7666083	0,052	0,326
CHR8	22688785	CHR8:22688785	SSF x Near_LoA	-9,03692578	0,128	0,287
CHR8	22694877	CHR8:22694877	SSF x Near_LoA	-3,33061356	0,067	0,319
CHR8	22694886	CHR8:22694886	SSF x Near_LoA	-10,6049018	-0,054	0,309
CHR8	22694905	CHR8:22694905	SSF x Near_LoA	-7,71713364	0,013	0,304
CHR8	22708998	CHR8:22708998	SSF x Near_LoA	-7,62567056	-0,039	0,313
CHR8	22709036	CHR8:22709036	SSF x Near_LoA	-8,5202211	-0,096	0,308
CHR8	22709232	CHR8:22709232	SSF x Near_LoA	-8,07000514	-0,076	0,316
CHR8	22711068	CHR8:22711068	SSF x Near_LoA	-10,6739559	0,145	0,289

CHR8	22712337	CHR8:22712337	SSF x Near_LoA	-10,9057942	0,035	0,303
CHR8	22713326	CHR8:22713326	SSF x Near_LoA	-9,40483308	0,000	0,315
CHR8	22713389	CHR8:22713389	SSF x Near_LoA	-8,05607905	-0,100	0,299
CHR8	22713566	CHR8:22713566	SSF x Near_LoA	-9,98923278	0,131	0,296
CHR8	22718109	CHR8:22718109	SSF x Near_LoA	-11,5669237	0,085	0,311
CHR8	22718241	CHR8:22718241	SSF x Near_LoA	-10,6743376	0,125	0,296
CHR8	22718297	CHR8:22718297	SSF x Near_LoA	-9,59774848	-0,005	0,309
CHR8	22720582	CHR8:22720582	SSF x Near_LoA	-11,9859076	0,012	0,302
CHR8	22720596	CHR8:22720596	SSF x Near_LoA	-8,62625089	0,128	0,292
CHR8	22720630	CHR8:22720630	SSF x Near_LoA	-10,3438585	0,044	0,320
CHR8	22720677	CHR8:22720677	SSF x Near_LoA	-10,6742338	0,034	0,300
CHR8	22720759	CHR8:22720759	SSF x Near_LoA	-8,34563923	-0,001	0,315
CHR8	22729069	CHR8:22729069	SSF x Near_LoA	-10,1479152	-0,077	0,315
CHR8	22729138	CHR8:22729138	SSF x Near_LoA	-10,0499951	0,038	0,304
CHR8	22729140	CHR8:22729140	SSF x Near_LoA	-12,1244031	0,006	0,308
CHR8	22729185	CHR8:22729185	SSF x Near_LoA	-10,988837	0,019	0,319
CHR8	22729188	CHR8:22729188	SSF x Near_LoA	-9,22611839	0,064	0,319
CHR8	22730247	CHR8:22730247	SSF x Near_LoA	-8,86810068	-0,124	0,305
CHR8	22730251	CHR8:22730251	SSF x Near_LoA	-11,755242	0,009	0,309
CHR8	22730302	CHR8:22730302	SSF x Near_LoA	-10,6435881	0,054	0,303
CHR8	22733154	CHR8:22733154	SSF x Near_LoA	-9,76869872	-0,023	0,316
CHR8	22733249	CHR8:22733249	SSF x Near_LoA	-9,88321669	-0,039	0,304
CHR8	22733290	CHR8:22733290	SSF x Near_LoA	-11,1090672	0,081	0,298
CHR8	22733317	CHR8:22733317	SSF x Near_LoA	-5,57302434	0,059	0,306
CHR8	22733377	CHR8:22733377	SSF x Near_LoA	-10,6542644	-0,091	0,305
CHR8	22735892	CHR8:22735892	SSF x Near_LoA	-9,46131454	0,033	0,310
CHR8	22735905	CHR8:22735905	SSF x Near_LoA	-10,1576427	0,025	0,297
CHR8	22736073	CHR8:22736073	SSF x Near_LoA	-9,76513901	0,057	0,314
CHR8	22736080	CHR8:22736080	SSF x Near_LoA	-9,02826375	0,120	0,306
CHR8	22745518	CHR8:22745518	SSF x Near_LoA	-8,30733423	-0,038	0,315
CHR8	22745597	CHR8:22745597	SSF x Near_LoA	-8,68475473	0,076	0,314
CHR8	22745611	CHR8:22745611	SSF x Near_LoA	-9,84102459	0,137	0,299
CHR8	22754419	CHR8:22754419	SSF x Near_LoA	-8,9842659	-0,017	0,308
CHR8	22758397	CHR8:22758397	SSF x Near_LoA	-9,31862216	0,025	0,311
CHR8	22758436	CHR8:22758436	SSF x Near_LoA	-8,96826918	-0,088	0,310
CHR8	22758464	CHR8:22758464	SSF x Near_LoA	-11,2096045	-0,079	0,305
CHR8	22758508	CHR8:22758508	SSF x Near_LoA	-9,22248612	-0,081	0,288
CHR8	22759590	CHR8:22759590	SSF x Near_LoA	-8,17052244	-0,004	0,307
CHR8	22759702	CHR8:22759702	SSF x Near_LoA	-9,0049375	-0,123	0,308
CHR8	22759710	CHR8:22759710	SSF x Near_LoA	-8,24391396	-0,022	0,308
CHR8	22766110	CHR8:22766110	SSF x Near_LoA	-10,9756108	-0,011	0,317
CHR8	22766375	CHR8:22766375	SSF x Near_LoA	-7,18262121	0,194	0,288
CHR8	22766389	CHR8:22766389	SSF x Near_LoA	-7,77362462	0,069	0,305
CHR8	22766455	CHR8:22766455	SSF x Near_LoA	-10,5419918	0,036	0,307
CHR8	22775557	CHR8:22775557	SSF x Near_LoA	-9,49132942	0,006	0,295
CHR8	22782833	CHR8:22782833	SSF x Near_LoA	-5,10992129	0,013	0,301
CHR8	22782872	CHR8:22782872	SSF x Near_LoA	-4,25398738	-0,058	0,324
CHR8	22785117	CHR8:22785117	SSF x Near_LoA	-9,48244014	0,000	0,312
CHR8	22785122	CHR8:22785122	SSF x Near_LoA	-10,8870384	-0,069	0,302
CHR8	22785135	CHR8:22785135	SSF x Near_LoA	-11,2182203	-0,077	0,306
CHR8	22785214	CHR8:22785214	SSF x Near_LoA	-10,8155873	0,034	0,301
CHR8	22785222	CHR8:22785222	SSF x Near_LoA	-8,67442943	-0,040	0,309
CHR8	22785223	CHR8:22785223	SSF x Near_LoA	-8,38621463	0,090	0,305

CHR8	22785302	CHR8:22785302	SSF x Near_LoA	-5,22736172	0,061	0,297
CHR8	22785320	CHR8:22785320	SSF x Near_LoA	-8,18948042	0,079	0,274
CHR8	22785375	CHR8:22785375	SSF x Near_LoA	-9,33185778	0,020	0,310
CHR8	22785376	CHR8:22785376	SSF x Near_LoA	-6,89549888	-0,016	0,306
CHR8	22798138	CHR8:22798138	SSF x Near_LoA	-11,1966622	-0,060	0,308
CHR8	22798323	CHR8:22798323	SSF x Near_LoA	-2,61764977	0,103	0,288
CHR8	22804200	CHR8:22804200	SSF x Near_LoA	-10,6770385	-0,010	0,303
CHR8	22811865	CHR8:22811865	SSF x Near_LoA	-9,53571456	-0,070	0,312
CHR8	22811874	CHR8:22811874	SSF x Near_LoA	-11,7247874	-0,030	0,316
CHR8	22813247	CHR8:22813247	SSF x Near_LoA	1,08113934	-0,117	0,320
CHR8	22826100	CHR8:22826100	SSF x Near_LoA	-11,1659654	0,004	0,321
CHR8	22826113	CHR8:22826113	SSF x Near_LoA	-9,61897525	-0,087	0,299
CHR8	22826150	CHR8:22826150	SSF x Near_LoA	-11,162261	0,002	0,301
CHR8	22826193	CHR8:22826193	SSF x Near_LoA	-11,7385233	0,023	0,296
CHR8	22826223	CHR8:22826223	SSF x Near_LoA	-8,57433898	-0,028	0,309
CHR8	22826805	CHR8:22826805	SSF x Near_LoA	-9,23983732	-0,055	0,302
CHR8	22836439	CHR8:22836439	SSF x Near_LoA	-10,760443	-0,021	0,314
CHR8	22836443	CHR8:22836443	SSF x Near_LoA	-9,61554328	0,025	0,309
CHR8	22838440	CHR8:22838440	SSF x Near_LoA	-10,9630926	-0,027	0,304
CHR8	22838446	CHR8:22838446	SSF x Near_LoA	-7,49977729	0,072	0,307
CHR8	22838462	CHR8:22838462	SSF x Near_LoA	-7,30388577	0,076	0,311
CHR8	22851725	CHR8:22851725	SSF x Near_LoA	-11,3964637	-0,022	0,303
CHR8	22854167	CHR8:22854167	SSF x Near_LoA	-9,79139545	0,043	0,304
CHR8	22854186	CHR8:22854186	SSF x Near_LoA	-9,18918504	0,121	0,307
CHR8	22854200	CHR8:22854200	SSF x Near_LoA	-9,17898024	-0,019	0,302
CHR8	22854247	CHR8:22854247	SSF x Near_LoA	-11,7668613	0,058	0,315
CHR8	22854306	CHR8:22854306	SSF x Near_LoA	-9,05285236	-0,068	0,297
CHR8	22854336	CHR8:22854336	SSF x Near_LoA	-6,02375358	-0,096	0,323
CHR8	22857702	CHR8:22857702	SSF x Near_LoA	-9,50152064	-0,086	0,325
CHR8	22857706	CHR8:22857706	SSF x Near_LoA	-8,35062278	0,085	0,324
CHR8	2286012	CHR8:2286012	SSF x Near_LoA	-9,43860162	-0,006	0,316
CHR8	2286018	CHR8:2286018	SSF x Near_LoA	-9,55632508	-0,039	0,302
CHR8	2286021	CHR8:2286021	SSF x Near_LoA	-9,62320884	0,002	0,302
CHR8	2286111	CHR8:2286111	SSF x Near_LoA	-11,0540216	-0,070	0,304
CHR8	22866244	CHR8:22866244	SSF x Near_LoA	-8,4697746	0,060	0,300
CHR8	22866274	CHR8:22866274	SSF x Near_LoA	-8,95542518	-0,020	0,312
CHR8	22866454	CHR8:22866454	SSF x Near_LoA	-10,3769461	0,015	0,304
CHR8	22870653	CHR8:22870653	SSF x Near_LoA	-10,0442608	0,026	0,304
CHR8	22870689	CHR8:22870689	SSF x Near_LoA	-9,28616402	0,087	0,316
CHR8	22881537	CHR8:22881537	SSF x Near_LoA	-11,6499169	0,061	0,305
CHR8	22887505	CHR8:22887505	SSF x Near_LoA	-8,41337341	0,049	0,323
CHR8	2289124	CHR8:2289124	SSF x Near_LoA	-8,2967541	-0,056	0,317
CHR8	2289184	CHR8:2289184	SSF x Near_LoA	-7,66665182	0,062	0,316
CHR8	2289193	CHR8:2289193	SSF x Near_LoA	-10,1286399	-0,026	0,307
CHR8	2289194	CHR8:2289194	SSF x Near_LoA	-8,1859663	0,055	0,317
CHR8	2289262	CHR8:2289262	SSF x Near_LoA	-8,94154756	-0,037	0,313
CHR8	2289290	CHR8:2289290	SSF x Near_LoA	-9,52291945	0,003	0,318
CHR8	22892933	CHR8:22892933	SSF x Near_LoA	-9,68562866	0,077	0,298
CHR8	22893109	CHR8:22893109	SSF x Near_LoA	-9,27212964	0,029	0,304
CHR8	22893145	CHR8:22893145	SSF x Near_LoA	-6,11538042	-0,093	0,318
CHR8	22899944	CHR8:22899944	SSF x Near_LoA	-8,45452759	0,016	0,316
CHR8	22915407	CHR8:22915407	SSF x Near_LoA	-8,88216457	0,059	0,319
CHR8	22915597	CHR8:22915597	SSF x Near_LoA	-9,06445648	-0,044	0,300

CHR8	22915612	CHR8:22915612	SSF x Near_LoA	-8,64503095	0,004	0,310
CHR8	22915849	CHR8:22915849	SSF x Near_LoA	-10,7045144	0,045	0,311
CHR8	22915852	CHR8:22915852	SSF x Near_LoA	-10,9679511	0,018	0,308
CHR8	22925039	CHR8:22925039	SSF x Near_LoA	-12,1864884	0,071	0,292
CHR8	22925062	CHR8:22925062	SSF x Near_LoA	-7,53938392	-0,083	0,314
CHR8	22925065	CHR8:22925065	SSF x Near_LoA	-7,49704176	-0,080	0,311
CHR8	22935463	CHR8:22935463	SSF x Near_LoA	-10,1125064	-0,031	0,291
CHR8	22935503	CHR8:22935503	SSF x Near_LoA	-7,56914887	-0,071	0,296
CHR8	22935521	CHR8:22935521	SSF x Near_LoA	-8,95803183	-0,035	0,304
CHR8	22935606	CHR8:22935606	SSF x Near_LoA	-11,0318775	-0,046	0,305
CHR8	22935615	CHR8:22935615	SSF x Near_LoA	-9,78525112	0,010	0,312
CHR8	22935630	CHR8:22935630	SSF x Near_LoA	-7,64831667	0,012	0,309
CHR8	22950861	CHR8:22950861	SSF x Near_LoA	-4,6938749	0,166	0,292
CHR8	22950947	CHR8:22950947	SSF x Near_LoA	-6,77028722	0,103	0,319
CHR8	22950963	CHR8:22950963	SSF x Near_LoA	-8,14230874	0,096	0,301
CHR8	22951031	CHR8:22951031	SSF x Near_LoA	-10,1200636	-0,002	0,312
CHR8	22951061	CHR8:22951061	SSF x Near_LoA	-11,652413	-0,006	0,313
CHR8	22951066	CHR8:22951066	SSF x Near_LoA	-4,48977061	0,088	0,308
CHR8	22951081	CHR8:22951081	SSF x Near_LoA	-9,67552937	0,073	0,307
CHR8	22960839	CHR8:22960839	SSF x Near_LoA	-8,35794587	-0,118	0,308
CHR8	22969401	CHR8:22969401	SSF x Near_LoA	-11,3656952	-0,084	0,310
CHR8	22969429	CHR8:22969429	SSF x Near_LoA	-11,2556306	0,052	0,313
CHR8	22969547	CHR8:22969547	SSF x Near_LoA	-11,433286	-0,063	0,313
CHR8	22969636	CHR8:22969636	SSF x Near_LoA	-11,4078212	-0,067	0,314
CHR8	22969693	CHR8:22969693	SSF x Near_LoA	-7,73412503	0,053	0,306
CHR8	22976842	CHR8:22976842	SSF x Near_LoA	-9,77187235	-0,011	0,307
CHR8	22977006	CHR8:22977006	SSF x Near_LoA	-9,04532872	-0,147	0,313
CHR8	22977054	CHR8:22977054	SSF x Near_LoA	-9,20983193	0,010	0,318
CHR8	22980927	CHR8:22980927	SSF x Near_LoA	-11,2282113	0,033	0,302
CHR8	22989380	CHR8:22989380	SSF x Near_LoA	-9,714845	-0,057	0,308
CHR8	22989661	CHR8:22989661	SSF x Near_LoA	-9,90106128	0,044	0,308
CHR8	22989702	CHR8:22989702	SSF x Near_LoA	-10,1199724	0,077	0,314
CHR8	22989731	CHR8:22989731	SSF x Near_LoA	-11,0377444	0,019	0,306
CHR8	22990688	CHR8:22990688	SSF x Near_LoA	-10,884693	-0,055	0,305
CHR8	22994381	CHR8:22994381	SSF x Near_LoA	-9,94133314	0,092	0,301
CHR8	23008693	CHR8:23008693	SSF x Near_LoA	-9,58968612	-0,032	0,308
CHR8	23008778	CHR8:23008778	SSF x Near_LoA	-7,81168429	0,117	0,305
CHR8	23016001	CHR8:23016001	SSF x Near_LoA	-11,1863238	0,022	0,313
CHR8	23016077	CHR8:23016077	SSF x Near_LoA	-7,63295353	0,166	0,307
CHR8	23016116	CHR8:23016116	SSF x Near_LoA	-8,58038831	-0,044	0,321
CHR8	23016132	CHR8:23016132	SSF x Near_LoA	-9,3807439	0,031	0,307
CHR8	23017201	CHR8:23017201	SSF x Near_LoA	-10,2841937	0,041	0,325
CHR8	23017237	CHR8:23017237	SSF x Near_LoA	-9,0944609	-0,079	0,301
CHR8	23020332	CHR8:23020332	SSF x Near_LoA	-10,5939592	-0,062	0,308
CHR8	23020361	CHR8:23020361	SSF x Near_LoA	-0,38974574	0,076	0,305
CHR8	23022842	CHR8:23022842	SSF x Near_LoA	-9,45983355	-0,045	0,318
CHR8	23022965	CHR8:23022965	SSF x Near_LoA	-11,0905425	-0,054	0,304
CHR8	23028931	CHR8:23028931	SSF x Near_LoA	-7,71870166	-0,041	0,321
CHR8	23037910	CHR8:23037910	SSF x Near_LoA	-11,6592431	0,080	0,301
CHR8	23037986	CHR8:23037986	SSF x Near_LoA	-9,48337322	0,077	0,311
CHR8	23037992	CHR8:23037992	SSF x Near_LoA	-10,0026055	0,057	0,297
CHR8	23038004	CHR8:23038004	SSF x Near_LoA	-9,49777303	-0,035	0,301
CHR8	23038141	CHR8:23038141	SSF x Near_LoA	-7,95321761	-0,160	0,289

CHR8	23038180	CHR8:23038180	SSF x Near_LoA	-11,4187894	-0,018	0,311
CHR8	23038202	CHR8:23038202	SSF x Near_LoA	-9,83268991	-0,074	0,300
CHR8	23038217	CHR8:23038217	SSF x Near_LoA	-8,34798202	-0,048	0,314
CHR8	23038218	CHR8:23038218	SSF x Near_LoA	-10,4313036	-0,038	0,320
CHR8	23051330	CHR8:23051330	SSF x Near_LoA	-5,1652555	-0,058	0,307
CHR8	23051459	CHR8:23051459	SSF x Near_LoA	-8,89290196	0,047	0,330
CHR8	23051462	CHR8:23051462	SSF x Near_LoA	-10,2049031	0,071	0,308
CHR8	23051621	CHR8:23051621	SSF x Near_LoA	-9,99283296	0,003	0,318
CHR8	23052296	CHR8:23052296	SSF x Near_LoA	-10,0920321	0,003	0,323
CHR8	23052321	CHR8:23052321	SSF x Near_LoA	-10,2601554	-0,075	0,316
CHR8	23055396	CHR8:23055396	SSF x Near_LoA	-7,55224771	0,098	0,304
CHR8	23055507	CHR8:23055507	SSF x Near_LoA	-8,96304481	0,080	0,290
CHR8	23055519	CHR8:23055519	SSF x Near_LoA	-9,91462945	-0,031	0,300
CHR8	23061841	CHR8:23061841	SSF x Near_LoA	-6,83512492	0,062	0,296
CHR8	23061858	CHR8:23061858	SSF x Near_LoA	-8,88684435	-0,047	0,308
CHR8	23066695	CHR8:23066695	SSF x Near_LoA	-11,6234402	0,040	0,307
CHR8	2306814	CHR8:2306814	SSF x Near_LoA	-9,34329616	-0,091	0,303
CHR8	2306825	CHR8:2306825	SSF x Near_LoA	-7,03767741	0,019	0,304
CHR8	2306827	CHR8:2306827	SSF x Near_LoA	-8,72179078	-0,006	0,323
CHR8	2306951	CHR8:2306951	SSF x Near_LoA	-8,5217175	0,072	0,325
CHR8	2306963	CHR8:2306963	SSF x Near_LoA	-9,45818072	-0,094	0,307
CHR8	2307008	CHR8:2307008	SSF x Near_LoA	-10,3978857	-0,036	0,301
CHR8	23073725	CHR8:23073725	SSF x Near_LoA	-5,51111129	-0,215	0,292
CHR8	23073740	CHR8:23073740	SSF x Near_LoA	-8,24904114	0,026	0,312
CHR8	23073771	CHR8:23073771	SSF x Near_LoA	-10,0348231	-0,037	0,293
CHR8	23073779	CHR8:23073779	SSF x Near_LoA	-8,32019155	-0,039	0,307
CHR8	23073884	CHR8:23073884	SSF x Near_LoA	-9,0335993	0,011	0,302
CHR8	23073909	CHR8:23073909	SSF x Near_LoA	-4,81493745	0,139	0,309
CHR8	23085214	CHR8:23085214	SSF x Near_LoA	-9,49751224	0,013	0,308
CHR8	23086808	CHR8:23086808	SSF x Near_LoA	-9,56456136	-0,109	0,309
CHR8	2310354	CHR8:2310354	SSF x Near_LoA	-9,25746327	-0,024	0,299
CHR8	23115033	CHR8:23115033	SSF x Near_LoA	-9,70986187	-0,061	0,316
CHR8	23120134	CHR8:23120134	SSF x Near_LoA	-10,2823846	-0,019	0,308
CHR8	23120284	CHR8:23120284	SSF x Near_LoA	-10,6299493	-0,045	0,324
CHR8	2312081	CHR8:2312081	SSF x Near_LoA	-9,50395949	-0,013	0,328
CHR8	2312165	CHR8:2312165	SSF x Near_LoA	-10,0776558	-0,014	0,313
CHR8	23127465	CHR8:23127465	SSF x Near_LoA	-11,0978	0,022	0,306
CHR8	23134866	CHR8:23134866	SSF x Near_LoA	-9,77643675	-0,123	0,298
CHR8	23135054	CHR8:23135054	SSF x Near_LoA	-8,04943522	0,069	0,308
CHR8	23135117	CHR8:23135117	SSF x Near_LoA	-8,31809966	0,122	0,306
CHR8	23139052	CHR8:23139052	SSF x Near_LoA	-3,19083824	-0,031	0,318
CHR8	23139160	CHR8:23139160	SSF x Near_LoA	-10,0934019	-0,046	0,295
CHR8	23139290	CHR8:23139290	SSF x Near_LoA	-10,3807518	0,023	0,310
CHR8	23148755	CHR8:23148755	SSF x Near_LoA	-7,95039841	0,083	0,318
CHR8	23156128	CHR8:23156128	SSF x Near_LoA	-10,0522547	0,036	0,308
CHR8	23156320	CHR8:23156320	SSF x Near_LoA	-7,47714033	0,024	0,308
CHR8	23156334	CHR8:23156334	SSF x Near_LoA	-8,79881415	0,055	0,310
CHR8	23166859	CHR8:23166859	SSF x Near_LoA	-9,78423116	0,047	0,313
CHR8	23167142	CHR8:23167142	SSF x Near_LoA	-8,3452598	0,027	0,331
CHR8	2317123	CHR8:2317123	SSF x Near_LoA	-8,85107404	0,159	0,296
CHR8	2317124	CHR8:2317124	SSF x Near_LoA	-6,44737689	-0,050	0,303
CHR8	2317131	CHR8:2317131	SSF x Near_LoA	-8,23259125	0,078	0,296
CHR8	2317134	CHR8:2317134	SSF x Near_LoA	-8,15261983	0,128	0,287

CHR8	2317135	CHR8:2317135	SSF x Near_LoA	-8,57117295	0,123	0,303
CHR8	23171541	CHR8:23171541	SSF x Near_LoA	-7,71533893	0,155	0,293
CHR8	2317162	CHR8:2317162	SSF x Near_LoA	-8,5099077	-0,025	0,308
CHR8	23171624	CHR8:23171624	SSF x Near_LoA	-10,7992414	0,090	0,288
CHR8	23171737	CHR8:23171737	SSF x Near_LoA	-10,266495	0,114	0,292
CHR8	2317174	CHR8:2317174	SSF x Near_LoA	-11,7196364	-0,036	0,304
CHR8	23180486	CHR8:23180486	SSF x Near_LoA	-8,45337099	-0,102	0,308
CHR8	23180534	CHR8:23180534	SSF x Near_LoA	-10,6168636	-0,046	0,304
CHR8	23198600	CHR8:23198600	SSF x Near_LoA	-5,94719515	0,051	0,298
CHR8	23198611	CHR8:23198611	SSF x Near_LoA	-7,10758502	0,056	0,295
CHR8	23198769	CHR8:23198769	SSF x Near_LoA	-9,37880994	0,044	0,296
CHR8	23198802	CHR8:23198802	SSF x Near_LoA	-8,125204	-0,083	0,296
CHR8	23198806	CHR8:23198806	SSF x Near_LoA	-10,6050118	0,062	0,309
CHR8	23198878	CHR8:23198878	SSF x Near_LoA	-9,09198052	0,145	0,311
CHR8	23198886	CHR8:23198886	SSF x Near_LoA	-5,77781591	0,150	0,302
CHR8	23198903	CHR8:23198903	SSF x Near_LoA	-7,6473447	-0,108	0,300
CHR8	23198931	CHR8:23198931	SSF x Near_LoA	-10,039347	0,007	0,315
CHR8	23198935	CHR8:23198935	SSF x Near_LoA	-8,54239849	0,043	0,300
CHR8	23226135	CHR8:23226135	SSF x Near_LoA	-9,37791787	-0,052	0,309
CHR8	23226898	CHR8:23226898	SSF x Near_LoA	-9,86920597	-0,093	0,301
CHR8	23226940	CHR8:23226940	SSF x Near_LoA	-9,05900658	-0,057	0,314
CHR8	23226943	CHR8:23226943	SSF x Near_LoA	-9,31563017	-0,028	0,308
CHR8	23226972	CHR8:23226972	SSF x Near_LoA	-9,14240565	-0,014	0,309
CHR8	23231891	CHR8:23231891	SSF x Near_LoA	-10,8366023	-0,049	0,316
CHR8	23253363	CHR8:23253363	SSF x Near_LoA	-8,93201748	0,025	0,317
CHR8	23259299	CHR8:23259299	SSF x Near_LoA	-11,2365498	-0,037	0,315
CHR8	23259364	CHR8:23259364	SSF x Near_LoA	-8,81928267	0,126	0,307
CHR8	23284387	CHR8:23284387	SSF x Near_LoA	-8,05268038	-0,006	0,316
CHR8	23289198	CHR8:23289198	SSF x Near_LoA	-9,19729091	-0,179	0,306
CHR8	23298010	CHR8:23298010	SSF x Near_LoA	-9,00429715	-0,038	0,312
CHR8	23298026	CHR8:23298026	SSF x Near_LoA	-9,591351	0,148	0,301
CHR8	23298131	CHR8:23298131	SSF x Near_LoA	-10,8851231	-0,017	0,307
CHR8	23310044	CHR8:23310044	SSF x Near_LoA	-8,05024501	-0,023	0,305
CHR8	23310197	CHR8:23310197	SSF x Near_LoA	-9,2214881	0,013	0,301
CHR8	23369275	CHR8:23369275	SSF x Near_LoA	-7,96697264	0,075	0,313
CHR8	23387326	CHR8:23387326	SSF x Near_LoA	-9,93959851	-0,005	0,317
CHR8	23425356	CHR8:23425356	SSF x Near_LoA	-10,9951225	0,150	0,293
CHR8	2343226	CHR8:2343226	SSF x Near_LoA	-12,3748718	-0,005	0,302
CHR8	23467088	CHR8:23467088	SSF x Near_LoA	-3,54915849	0,165	0,299
CHR8	23484514	CHR8:23484514	SSF x Near_LoA	-8,2299503	-0,007	0,316
CHR8	23493383	CHR8:23493383	SSF x Near_LoA	-9,30359879	0,081	0,299
CHR8	23495503	CHR8:23495503	SSF x Near_LoA	-11,4448603	0,038	0,311
CHR8	23495736	CHR8:23495736	SSF x Near_LoA	-11,6071685	0,079	0,297
CHR8	23495778	CHR8:23495778	SSF x Near_LoA	-7,50567321	-0,107	0,297
CHR8	23508882	CHR8:23508882	SSF x Near_LoA	-9,34684155	0,024	0,309
CHR8	23525528	CHR8:23525528	SSF x Near_LoA	-10,49362	-0,123	0,293
CHR8	23525546	CHR8:23525546	SSF x Near_LoA	-8,71536574	-0,125	0,306
CHR8	23525673	CHR8:23525673	SSF x Near_LoA	-9,17918729	0,023	0,316
CHR8	23525723	CHR8:23525723	SSF x Near_LoA	-10,3620704	0,034	0,298
CHR8	23525762	CHR8:23525762	SSF x Near_LoA	-9,94036691	0,112	0,306
CHR8	23527717	CHR8:23527717	SSF x Near_LoA	-7,91995306	0,096	0,296
CHR8	23527765	CHR8:23527765	SSF x Near_LoA	-9,99795779	-0,049	0,308
CHR8	23527942	CHR8:23527942	SSF x Near_LoA	-10,4990553	0,046	0,293

CHR8	23527956	CHR8:23527956	SSF x Near_LoA	-10,4601788	0,022	0,300
CHR8	23531641	CHR8:23531641	SSF x Near_LoA	-9,19734788	-0,037	0,319
CHR8	2355867	CHR8:2355867	SSF x Near_LoA	-6,96938242	0,112	0,294
CHR8	2355968	CHR8:2355968	SSF x Near_LoA	-4,53361366	0,043	0,317
CHR8	23567419	CHR8:23567419	SSF x Near_LoA	-11,2628638	-0,051	0,305
CHR8	23567428	CHR8:23567428	SSF x Near_LoA	-8,82052185	0,012	0,323
CHR8	23569539	CHR8:23569539	SSF x Near_LoA	-8,18866329	-0,196	0,306
CHR8	23585405	CHR8:23585405	SSF x Near_LoA	-10,1835764	0,030	0,305
CHR8	23589289	CHR8:23589289	SSF x Near_LoA	-7,18186338	-0,122	0,305
CHR8	23589362	CHR8:23589362	SSF x Near_LoA	-8,39544024	-0,044	0,307
CHR8	23600762	CHR8:23600762	SSF x Near_LoA	-8,81235578	0,004	0,303
CHR8	23600837	CHR8:23600837	SSF x Near_LoA	-10,3281734	-0,022	0,308
CHR8	23600881	CHR8:23600881	SSF x Near_LoA	-9,3924925	-0,091	0,313
CHR8	23601088	CHR8:23601088	SSF x Near_LoA	-8,61142956	-0,029	0,313
CHR8	23611591	CHR8:23611591	SSF x Near_LoA	-9,15484951	0,081	0,299
CHR8	23616978	CHR8:23616978	SSF x Near_LoA	-8,05623576	0,126	0,303
CHR8	23617009	CHR8:23617009	SSF x Near_LoA	-6,19456348	-0,131	0,302
CHR8	23617084	CHR8:23617084	SSF x Near_LoA	-6,61554863	-0,118	0,313
CHR8	23617085	CHR8:23617085	SSF x Near_LoA	-9,49195207	-0,092	0,316
CHR8	23622683	CHR8:23622683	SSF x Near_LoA	-8,92880162	0,098	0,306
CHR8	23622697	CHR8:23622697	SSF x Near_LoA	-10,9843284	0,039	0,300
CHR8	23622735	CHR8:23622735	SSF x Near_LoA	-10,6052279	0,032	0,303
CHR8	23622809	CHR8:23622809	SSF x Near_LoA	-10,0197339	-0,017	0,303
CHR8	23625350	CHR8:23625350	SSF x Near_LoA	-8,37525707	0,096	0,310
CHR8	23625403	CHR8:23625403	SSF x Near_LoA	-10,2413962	0,067	0,290
CHR8	2363266	CHR8:2363266	SSF x Near_LoA	-8,43275924	-0,002	0,304
CHR8	2363283	CHR8:2363283	SSF x Near_LoA	-12,5514882	-0,028	0,295
CHR8	23635573	CHR8:23635573	SSF x Near_LoA	-10,6372182	-0,050	0,315
CHR8	23657612	CHR8:23657612	SSF x Near_LoA	-9,90013692	-0,072	0,284
CHR8	23677779	CHR8:23677779	SSF x Near_LoA	-10,4226262	-0,093	0,311
CHR8	23689113	CHR8:23689113	SSF x Near_LoA	-4,48105471	-0,097	0,311
CHR8	23689141	CHR8:23689141	SSF x Near_LoA	-5,86725497	0,034	0,311
CHR8	23689191	CHR8:23689191	SSF x Near_LoA	-8,60080239	0,045	0,316
CHR8	23703812	CHR8:23703812	SSF x Near_LoA	-8,92005137	-0,006	0,319
CHR8	23738784	CHR8:23738784	SSF x Near_LoA	-8,13092136	0,041	0,305
CHR8	23738830	CHR8:23738830	SSF x Near_LoA	-10,0428996	-0,075	0,296
CHR8	23738930	CHR8:23738930	SSF x Near_LoA	-7,96404539	0,182	0,295
CHR8	23750423	CHR8:23750423	SSF x Near_LoA	-8,16561359	0,038	0,305
CHR8	23754953	CHR8:23754953	SSF x Near_LoA	-10,847612	-0,059	0,296
CHR8	23754960	CHR8:23754960	SSF x Near_LoA	-8,60256086	-0,070	0,307
CHR8	2377072	CHR8:2377072	SSF x Near_LoA	-9,39604985	-0,108	0,306
CHR8	2377114	CHR8:2377114	SSF x Near_LoA	-11,3288668	-0,040	0,296
CHR8	2377175	CHR8:2377175	SSF x Near_LoA	-10,4378671	0,125	0,299
CHR8	2377391	CHR8:2377391	SSF x Near_LoA	-8,81352353	0,007	0,305
CHR8	23789131	CHR8:23789131	SSF x Near_LoA	-6,27122266	0,165	0,284
CHR8	23789176	CHR8:23789176	SSF x Near_LoA	-9,39423432	0,159	0,287
CHR8	23813785	CHR8:23813785	SSF x Near_LoA	-8,04381231	0,139	0,308
CHR8	23820610	CHR8:23820610	SSF x Near_LoA	-8,88338048	0,041	0,311
CHR8	23820716	CHR8:23820716	SSF x Near_LoA	-10,0454109	0,080	0,316
CHR8	23829753	CHR8:23829753	SSF x Near_LoA	-11,7564994	0,011	0,306
CHR8	23829960	CHR8:23829960	SSF x Near_LoA	-10,7425502	-0,026	0,296
CHR8	23844037	CHR8:23844037	SSF x Near_LoA	-8,62170536	0,033	0,306
CHR8	23844083	CHR8:23844083	SSF x Near_LoA	-7,69141786	0,067	0,312

CHR8	23844119	CHR8:23844119	SSF x Near_LoA	-10,4707623	0,001	0,299
CHR8	23844137	CHR8:23844137	SSF x Near_LoA	-5,09940368	-0,058	0,310
CHR8	23844281	CHR8:23844281	SSF x Near_LoA	-9,67642785	0,033	0,317
CHR8	23846260	CHR8:23846260	SSF x Near_LoA	-10,2468348	-0,059	0,309
CHR8	23848567	CHR8:23848567	SSF x Near_LoA	-12,059202	0,008	0,311
CHR8	23852725	CHR8:23852725	SSF x Near_LoA	-7,554412	-0,130	0,312
CHR8	23852785	CHR8:23852785	SSF x Near_LoA	-9,94399756	0,004	0,317
CHR8	23852806	CHR8:23852806	SSF x Near_LoA	-6,22606582	0,177	0,307
CHR8	23852824	CHR8:23852824	SSF x Near_LoA	-12,0898657	-0,040	0,315
CHR8	23852908	CHR8:23852908	SSF x Near_LoA	-12,3643976	-0,009	0,298
CHR8	23852975	CHR8:23852975	SSF x Near_LoA	-7,29428394	0,222	0,289
CHR8	23852986	CHR8:23852986	SSF x Near_LoA	-8,06714189	-0,079	0,319
CHR8	23863330	CHR8:23863330	SSF x Near_LoA	-12,0640168	0,071	0,296
CHR8	23869488	CHR8:23869488	SSF x Near_LoA	-9,34227577	0,065	0,311
CHR8	23873511	CHR8:23873511	SSF x Near_LoA	-8,30166908	0,115	0,303
CHR8	23873534	CHR8:23873534	SSF x Near_LoA	-8,43020014	0,006	0,307
CHR8	23873564	CHR8:23873564	SSF x Near_LoA	-7,93539063	0,055	0,305
CHR8	23873605	CHR8:23873605	SSF x Near_LoA	-10,52628	-0,008	0,315
CHR8	2387613	CHR8:2387613	SSF x Near_LoA	-10,8191701	-0,047	0,318
CHR8	2387669	CHR8:2387669	SSF x Near_LoA	-9,56219986	-0,027	0,302
CHR8	2387681	CHR8:2387681	SSF x Near_LoA	-9,3498363	0,033	0,315
CHR8	2387744	CHR8:2387744	SSF x Near_LoA	-9,83439869	-0,085	0,302
CHR8	2387764	CHR8:2387764	SSF x Near_LoA	-9,21009845	-0,002	0,290
CHR8	23878490	CHR8:23878490	SSF x Near_LoA	-10,8537913	-0,010	0,302
CHR8	23884120	CHR8:23884120	SSF x Near_LoA	-8,3110444	0,028	0,313
CHR8	23884129	CHR8:23884129	SSF x Near_LoA	-10,0037552	0,030	0,314
CHR8	23884163	CHR8:23884163	SSF x Near_LoA	-9,31456259	-0,058	0,302
CHR8	23886102	CHR8:23886102	SSF x Near_LoA	-2,20822645	-0,081	0,308
CHR8	23889241	CHR8:23889241	SSF x Near_LoA	-7,29369324	0,040	0,324
CHR8	23889795	CHR8:23889795	SSF x Near_LoA	-8,32892454	-0,073	0,305
CHR8	23897033	CHR8:23897033	SSF x Near_LoA	-7,90147818	-0,016	0,319
CHR8	2390387	CHR8:2390387	SSF x Near_LoA	-5,09720772	0,056	0,306
CHR8	2390420	CHR8:2390420	SSF x Near_LoA	-9,28281515	0,103	0,306
CHR8	23904460	CHR8:23904460	SSF x Near_LoA	-12,2148357	-0,034	0,302
CHR8	23904506	CHR8:23904506	SSF x Near_LoA	-9,60334794	0,054	0,283
CHR8	23904515	CHR8:23904515	SSF x Near_LoA	-10,255217	0,013	0,301
CHR8	23904562	CHR8:23904562	SSF x Near_LoA	-11,5125008	-0,036	0,306
CHR8	23904567	CHR8:23904567	SSF x Near_LoA	-8,81953191	-0,051	0,316
CHR8	23904590	CHR8:23904590	SSF x Near_LoA	-10,0844586	-0,033	0,303
CHR8	23904593	CHR8:23904593	SSF x Near_LoA	-9,63818018	-0,021	0,303
CHR8	2390539	CHR8:2390539	SSF x Near_LoA	-10,4351686	-0,114	0,301
CHR8	23908291	CHR8:23908291	SSF x Near_LoA	-10,0753864	-0,012	0,308
CHR8	23908357	CHR8:23908357	SSF x Near_LoA	-10,1349445	-0,047	0,311
CHR8	23908411	CHR8:23908411	SSF x Near_LoA	-8,20920604	-0,082	0,307
CHR8	23917200	CHR8:23917200	SSF x Near_LoA	-7,79357594	0,070	0,306
CHR8	23917201	CHR8:23917201	SSF x Near_LoA	-8,06692654	0,047	0,310
CHR8	23917274	CHR8:23917274	SSF x Near_LoA	-8,1988934	-0,020	0,311
CHR8	23921478	CHR8:23921478	SSF x Near_LoA	-10,0767411	0,141	0,284
CHR8	23931274	CHR8:23931274	SSF x Near_LoA	-8,87931854	0,103	0,317
CHR8	23943888	CHR8:23943888	SSF x Near_LoA	-6,86318337	-0,065	0,314
CHR8	23943899	CHR8:23943899	SSF x Near_LoA	-4,4110158	0,114	0,302
CHR8	23946393	CHR8:23946393	SSF x Near_LoA	-8,44533389	0,017	0,305
CHR8	23946394	CHR8:23946394	SSF x Near_LoA	-7,04009841	0,039	0,318

CHR8	23946411	CHR8:23946411	SSF x Near_LoA	-8,4129692	0,054	0,314
CHR8	23946496	CHR8:23946496	SSF x Near_LoA	-6,78300842	0,001	0,308
CHR8	23946524	CHR8:23946524	SSF x Near_LoA	-11,1390189	-0,105	0,312
CHR8	23946543	CHR8:23946543	SSF x Near_LoA	-12,0443093	-0,034	0,307
CHR8	23946566	CHR8:23946566	SSF x Near_LoA	-3,30403206	-0,011	0,322
CHR8	2394929	CHR8:2394929	SSF x Near_LoA	-11,4446768	-0,061	0,299
CHR8	2394952	CHR8:2394952	SSF x Near_LoA	-9,21818216	0,043	0,309
CHR8	2394958	CHR8:2394958	SSF x Near_LoA	-8,49182843	-0,077	0,304
CHR8	2394975	CHR8:2394975	SSF x Near_LoA	-8,09115448	-0,026	0,316
CHR8	2395007	CHR8:2395007	SSF x Near_LoA	-8,5224597	0,070	0,322
CHR8	2395014	CHR8:2395014	SSF x Near_LoA	-9,10602785	0,085	0,313
CHR8	2395017	CHR8:2395017	SSF x Near_LoA	-8,11767264	0,068	0,316
CHR8	2395030	CHR8:2395030	SSF x Near_LoA	-11,7099132	-0,017	0,307
CHR8	2395094	CHR8:2395094	SSF x Near_LoA	-5,60753707	-0,115	0,305
CHR8	23953488	CHR8:23953488	SSF x Near_LoA	-8,18455829	0,005	0,302
CHR8	23965196	CHR8:23965196	SSF x Near_LoA	-11,055519	0,128	0,299
CHR8	23965220	CHR8:23965220	SSF x Near_LoA	-8,64829183	-0,030	0,304
CHR8	23966644	CHR8:23966644	SSF x Near_LoA	-9,59917128	0,028	0,306
CHR8	23966680	CHR8:23966680	SSF x Near_LoA	-5,68862596	-0,069	0,297
CHR8	23983852	CHR8:23983852	SSF x Near_LoA	-7,68317478	-0,073	0,317
CHR8	23992807	CHR8:23992807	SSF x Near_LoA	-8,43291428	0,058	0,304
CHR8	23996254	CHR8:23996254	SSF x Near_LoA	-8,93206088	0,013	0,307
CHR8	23997091	CHR8:23997091	SSF x Near_LoA	-10,0598704	0,012	0,300
CHR8	24004709	CHR8:24004709	SSF x Near_LoA	-9,50251675	0,078	0,304
CHR8	2400878	CHR8:2400878	SSF x Near_LoA	-10,2019934	0,088	0,304
CHR8	2400899	CHR8:2400899	SSF x Near_LoA	-10,7343128	0,086	0,306
CHR8	2401039	CHR8:2401039	SSF x Near_LoA	-12,1906649	-0,036	0,301
CHR8	2401040	CHR8:2401040	SSF x Near_LoA	-10,6900769	0,020	0,297
CHR8	2401051	CHR8:2401051	SSF x Near_LoA	-9,61330888	0,035	0,311
CHR8	24013902	CHR8:24013902	SSF x Near_LoA	-8,552483	-0,027	0,309
CHR8	2401624	CHR8:2401624	SSF x Near_LoA	-9,32497621	-0,054	0,315
CHR8	2401637	CHR8:2401637	SSF x Near_LoA	-7,40107648	0,077	0,319
CHR8	24016417	CHR8:24016417	SSF x Near_LoA	-7,99481787	-0,094	0,300
CHR8	24016515	CHR8:24016515	SSF x Near_LoA	-8,7601048	-0,037	0,309
CHR8	2401713	CHR8:2401713	SSF x Near_LoA	-10,3618735	-0,045	0,305
CHR8	2401716	CHR8:2401716	SSF x Near_LoA	-10,6008538	0,088	0,294
CHR8	24027759	CHR8:24027759	SSF x Near_LoA	-6,7445112	-0,212	0,300
CHR8	24027937	CHR8:24027937	SSF x Near_LoA	-8,87906667	0,054	0,301
CHR8	24027944	CHR8:24027944	SSF x Near_LoA	-8,55620235	-0,040	0,308
CHR8	24027946	CHR8:24027946	SSF x Near_LoA	-9,49891706	-0,079	0,312
CHR8	24028003	CHR8:24028003	SSF x Near_LoA	-11,3145178	-0,131	0,308
CHR8	24028023	CHR8:24028023	SSF x Near_LoA	-8,79244295	0,010	0,313
CHR8	24036629	CHR8:24036629	SSF x Near_LoA	-8,02352286	-0,111	0,312
CHR8	24036632	CHR8:24036632	SSF x Near_LoA	-8,30799429	-0,126	0,285
CHR8	24036644	CHR8:24036644	SSF x Near_LoA	-1,50642295	0,152	0,301
CHR8	24036647	CHR8:24036647	SSF x Near_LoA	-5,45144923	0,168	0,313
CHR8	24043708	CHR8:24043708	SSF x Near_LoA	-11,7653308	0,017	0,309
CHR8	24043787	CHR8:24043787	SSF x Near_LoA	-8,55582661	0,040	0,308
CHR8	24060084	CHR8:24060084	SSF x Near_LoA	-11,8479383	-0,069	0,292
CHR8	24065467	CHR8:24065467	SSF x Near_LoA	-10,9328815	0,040	0,315
CHR8	24065563	CHR8:24065563	SSF x Near_LoA	-7,8064003	0,087	0,304
CHR8	24065649	CHR8:24065649	SSF x Near_LoA	-6,98917093	0,140	0,312
CHR8	24065744	CHR8:24065744	SSF x Near_LoA	-7,27487552	0,165	0,300

CHR8	24065782	CHR8:24065782	SSF x Near_LoA	-7,77344605	-0,107	0,306
CHR8	24067069	CHR8:24067069	SSF x Near_LoA	-12,2314033	0,005	0,302
CHR8	24067140	CHR8:24067140	SSF x Near_LoA	-9,63739931	-0,081	0,281
CHR8	24067293	CHR8:24067293	SSF x Near_LoA	-8,82065281	-0,001	0,319
CHR8	24097437	CHR8:24097437	SSF x Near_LoA	-7,26489878	0,111	0,302
CHR8	24097535	CHR8:24097535	SSF x Near_LoA	-11,4841076	0,068	0,290
CHR8	24097560	CHR8:24097560	SSF x Near_LoA	-7,78673853	-0,130	0,316
CHR8	24106500	CHR8:24106500	SSF x Near_LoA	-5,3842195	-0,018	0,311
CHR8	24109180	CHR8:24109180	SSF x Near_LoA	-10,2363505	-0,032	0,307
CHR8	24109293	CHR8:24109293	SSF x Near_LoA	-10,5442774	-0,028	0,307
CHR8	24117394	CHR8:24117394	SSF x Near_LoA	-10,0336726	0,034	0,298
CHR8	24117423	CHR8:24117423	SSF x Near_LoA	-6,74093163	0,141	0,293
CHR8	24117465	CHR8:24117465	SSF x Near_LoA	-7,64460523	0,020	0,320
CHR8	24117502	CHR8:24117502	SSF x Near_LoA	-8,60889116	0,083	0,306
CHR8	24117525	CHR8:24117525	SSF x Near_LoA	-9,02360654	0,088	0,312
CHR8	24117526	CHR8:24117526	SSF x Near_LoA	-8,65106604	-0,043	0,309
CHR8	24117562	CHR8:24117562	SSF x Near_LoA	-4,5736361	0,061	0,304
CHR8	24117566	CHR8:24117566	SSF x Near_LoA	-8,654572	-0,058	0,317
CHR8	2412941	CHR8:2412941	SSF x Near_LoA	-7,40104282	0,081	0,309
CHR8	2413017	CHR8:2413017	SSF x Near_LoA	-11,565979	-0,033	0,299
CHR8	24134158	CHR8:24134158	SSF x Near_LoA	-8,45988836	0,007	0,314
CHR8	24134188	CHR8:24134188	SSF x Near_LoA	-11,2068957	-0,061	0,301
CHR8	24134216	CHR8:24134216	SSF x Near_LoA	-10,0846201	0,027	0,319
CHR8	24134226	CHR8:24134226	SSF x Near_LoA	-5,67577327	-0,084	0,308
CHR8	24134262	CHR8:24134262	SSF x Near_LoA	-8,74191291	0,039	0,295
CHR8	24134322	CHR8:24134322	SSF x Near_LoA	-11,5646892	-0,063	0,304
CHR8	24134332	CHR8:24134332	SSF x Near_LoA	-8,80819997	-0,088	0,302
CHR8	24134344	CHR8:24134344	SSF x Near_LoA	-7,38744446	-0,102	0,308
CHR8	24134350	CHR8:24134350	SSF x Near_LoA	-5,39594172	-0,117	0,301
CHR8	24145575	CHR8:24145575	SSF x Near_LoA	-5,39605911	-0,130	0,314
CHR8	24145576	CHR8:24145576	SSF x Near_LoA	-8,10049572	-0,128	0,317
CHR8	24145577	CHR8:24145577	SSF x Near_LoA	-6,80364765	-0,125	0,313
CHR8	24145727	CHR8:24145727	SSF x Near_LoA	-9,72048141	-0,078	0,292
CHR8	24152345	CHR8:24152345	SSF x Near_LoA	-7,79776409	-0,066	0,302
CHR8	24152406	CHR8:24152406	SSF x Near_LoA	-5,89212062	0,144	0,308
CHR8	24153909	CHR8:24153909	SSF x Near_LoA	-5,87002821	-0,077	0,303
CHR8	24153921	CHR8:24153921	SSF x Near_LoA	-9,54256756	0,016	0,309
CHR8	24155396	CHR8:24155396	SSF x Near_LoA	-10,7404011	-0,035	0,303
CHR8	24155546	CHR8:24155546	SSF x Near_LoA	-9,52481781	-0,066	0,311
CHR8	24155655	CHR8:24155655	SSF x Near_LoA	-10,8188952	0,022	0,299
CHR8	24155666	CHR8:24155666	SSF x Near_LoA	-7,18591215	0,143	0,300
CHR8	24165487	CHR8:24165487	SSF x Near_LoA	-3,48760449	0,162	0,317
CHR8	24165488	CHR8:24165488	SSF x Near_LoA	-10,2380584	0,143	0,298
CHR8	2416564	CHR8:2416564	SSF x Near_LoA	-5,52458205	0,043	0,312
CHR8	2416633	CHR8:2416633	SSF x Near_LoA	-9,24778273	-0,066	0,299
CHR8	2416754	CHR8:2416754	SSF x Near_LoA	-10,7851971	-0,048	0,307
CHR8	24172890	CHR8:24172890	SSF x Near_LoA	-6,27236337	-0,019	0,303
CHR8	24172918	CHR8:24172918	SSF x Near_LoA	-11,1186551	-0,040	0,305
CHR8	24172950	CHR8:24172950	SSF x Near_LoA	-8,08788133	-0,021	0,306
CHR8	24173015	CHR8:24173015	SSF x Near_LoA	-3,32029019	-0,066	0,304
CHR8	24173032	CHR8:24173032	SSF x Near_LoA	-8,47756439	0,008	0,312
CHR8	24173036	CHR8:24173036	SSF x Near_LoA	-11,9851392	-0,031	0,313
CHR8	24173055	CHR8:24173055	SSF x Near_LoA	-10,1616954	-0,024	0,299

CHR8	24184287	CHR8:24184287	SSF x Near_LoA	-8,25372666	0,134	0,306
CHR8	24184305	CHR8:24184305	SSF x Near_LoA	-11,4699778	0,069	0,303
CHR8	24184314	CHR8:24184314	SSF x Near_LoA	-9,59669492	0,008	0,315
CHR8	24184446	CHR8:24184446	SSF x Near_LoA	-9,39875507	0,002	0,314
CHR8	24184483	CHR8:24184483	SSF x Near_LoA	-7,58953679	0,034	0,300
CHR8	24184504	CHR8:24184504	SSF x Near_LoA	-8,27084305	0,012	0,299
CHR8	24191760	CHR8:24191760	SSF x Near_LoA	-5,48823026	0,169	0,289
CHR8	24191775	CHR8:24191775	SSF x Near_LoA	-11,3989978	0,049	0,304
CHR8	24191782	CHR8:24191782	SSF x Near_LoA	-10,1699315	-0,005	0,288
CHR8	24195860	CHR8:24195860	SSF x Near_LoA	-9,87535184	0,009	0,301
CHR8	24200306	CHR8:24200306	SSF x Near_LoA	-8,48828588	0,029	0,313
CHR8	24200312	CHR8:24200312	SSF x Near_LoA	-9,34172767	0,039	0,308
CHR8	24200391	CHR8:24200391	SSF x Near_LoA	-7,79148031	-0,118	0,310
CHR8	24200426	CHR8:24200426	SSF x Near_LoA	-8,30619727	0,036	0,310
CHR8	2421172	CHR8:2421172	SSF x Near_LoA	-11,0898095	0,013	0,310
CHR8	2421221	CHR8:2421221	SSF x Near_LoA	-10,2331989	-0,036	0,314
CHR8	2421317	CHR8:2421317	SSF x Near_LoA	-8,8675382	-0,157	0,290
CHR8	24216472	CHR8:24216472	SSF x Near_LoA	-9,52718911	-0,005	0,316
CHR8	24216473	CHR8:24216473	SSF x Near_LoA	-9,72325262	0,014	0,315
CHR8	24218967	CHR8:24218967	SSF x Near_LoA	-9,90422849	-0,035	0,298
CHR8	24226230	CHR8:24226230	SSF x Near_LoA	-8,27073828	-0,144	0,294
CHR8	24226267	CHR8:24226267	SSF x Near_LoA	-11,0462955	0,053	0,320
CHR8	24226269	CHR8:24226269	SSF x Near_LoA	-8,4186901	-0,075	0,320
CHR8	24226289	CHR8:24226289	SSF x Near_LoA	-10,29165	-0,040	0,306
CHR8	24226300	CHR8:24226300	SSF x Near_LoA	-8,13509992	-0,040	0,318
CHR8	24226390	CHR8:24226390	SSF x Near_LoA	-10,4445671	-0,020	0,299
CHR8	24226467	CHR8:24226467	SSF x Near_LoA	-7,31853795	-0,013	0,313
CHR8	24226491	CHR8:24226491	SSF x Near_LoA	-10,4140193	0,108	0,303
CHR8	24248673	CHR8:24248673	SSF x Near_LoA	-10,2382087	-0,098	0,303
CHR8	24248695	CHR8:24248695	SSF x Near_LoA	-9,55695124	0,005	0,287
CHR8	24248891	CHR8:24248891	SSF x Near_LoA	-3,85567412	0,054	0,301
CHR8	24248896	CHR8:24248896	SSF x Near_LoA	-9,5799557	0,018	0,299
CHR8	24248910	CHR8:24248910	SSF x Near_LoA	-6,83534021	0,089	0,314
CHR8	24271375	CHR8:24271375	SSF x Near_LoA	-8,24272424	0,021	0,305
CHR8	24272483	CHR8:24272483	SSF x Near_LoA	-7,34842545	0,143	0,301
CHR8	24272570	CHR8:24272570	SSF x Near_LoA	-8,16035331	0,005	0,304
CHR8	24274534	CHR8:24274534	SSF x Near_LoA	-7,72701833	-0,045	0,287
CHR8	24275909	CHR8:24275909	SSF x Near_LoA	-2,24567191	-0,192	0,294
CHR8	24275913	CHR8:24275913	SSF x Near_LoA	-8,2807734	0,094	0,297
CHR8	24275921	CHR8:24275921	SSF x Near_LoA	-9,84176517	-0,075	0,303
CHR8	24275962	CHR8:24275962	SSF x Near_LoA	-5,59950149	-0,087	0,303
CHR8	24275988	CHR8:24275988	SSF x Near_LoA	-11,600597	0,036	0,304
CHR8	24278533	CHR8:24278533	SSF x Near_LoA	-6,30561787	-0,035	0,313
CHR8	24278678	CHR8:24278678	SSF x Near_LoA	-8,83417457	0,037	0,319
CHR8	24278683	CHR8:24278683	SSF x Near_LoA	-6,69906386	-0,104	0,317
CHR8	24278723	CHR8:24278723	SSF x Near_LoA	-7,39929262	-0,098	0,314
CHR8	24278728	CHR8:24278728	SSF x Near_LoA	-9,14559641	-0,078	0,315
CHR8	24290680	CHR8:24290680	SSF x Near_LoA	-4,01700507	0,150	0,305
CHR8	24290704	CHR8:24290704	SSF x Near_LoA	-9,03015162	0,085	0,306
CHR8	24290744	CHR8:24290744	SSF x Near_LoA	-7,21207805	-0,143	0,300
CHR8	24290819	CHR8:24290819	SSF x Near_LoA	-7,92280607	0,065	0,315
CHR8	24302030	CHR8:24302030	SSF x Near_LoA	-7,5772949	0,043	0,306
CHR8	24302114	CHR8:24302114	SSF x Near_LoA	-8,34216729	-0,107	0,303

CHR8	24304395	CHR8:24304395	SSF x Near_LoA	-9,36023009	0,092	0,309
CHR8	24304474	CHR8:24304474	SSF x Near_LoA	-10,0516077	-0,073	0,324
CHR8	24304577	CHR8:24304577	SSF x Near_LoA	-9,92789246	0,129	0,295
CHR8	24307558	CHR8:24307558	SSF x Near_LoA	-10,0999118	0,036	0,308
CHR8	24307590	CHR8:24307590	SSF x Near_LoA	-9,29739096	-0,004	0,303
CHR8	24307971	CHR8:24307971	SSF x Near_LoA	-7,36876212	0,154	0,283
CHR8	2430955	CHR8:2430955	SSF x Near_LoA	-8,65959164	-0,105	0,306
CHR8	2431242	CHR8:2431242	SSF x Near_LoA	-8,64470387	-0,023	0,299
CHR8	2431259	CHR8:2431259	SSF x Near_LoA	-8,41164421	0,057	0,310
CHR8	24320057	CHR8:24320057	SSF x Near_LoA	-8,60358587	0,074	0,309
CHR8	24320063	CHR8:24320063	SSF x Near_LoA	-8,25606532	-0,040	0,315
CHR8	24320077	CHR8:24320077	SSF x Near_LoA	-7,26188381	-0,026	0,314
CHR8	24320096	CHR8:24320096	SSF x Near_LoA	-10,6545185	0,038	0,302
CHR8	24320126	CHR8:24320126	SSF x Near_LoA	-8,90379023	0,049	0,298
CHR8	24320168	CHR8:24320168	SSF x Near_LoA	-10,2762753	0,052	0,320
CHR8	24320169	CHR8:24320169	SSF x Near_LoA	-8,56071226	-0,009	0,293
CHR8	24320279	CHR8:24320279	SSF x Near_LoA	-8,76517905	0,057	0,301
CHR8	24323825	CHR8:24323825	SSF x Near_LoA	-9,70716638	-0,020	0,310
CHR8	24323973	CHR8:24323973	SSF x Near_LoA	-8,53460627	-0,022	0,314
CHR8	24323987	CHR8:24323987	SSF x Near_LoA	-10,9331272	-0,029	0,307
CHR8	24324037	CHR8:24324037	SSF x Near_LoA	-8,3393792	0,017	0,308
CHR8	24324056	CHR8:24324056	SSF x Near_LoA	-3,80644106	0,039	0,315
CHR8	24326104	CHR8:24326104	SSF x Near_LoA	-9,78698561	-0,112	0,309
CHR8	24326114	CHR8:24326114	SSF x Near_LoA	-9,18010948	-0,116	0,305
CHR8	24326199	CHR8:24326199	SSF x Near_LoA	-9,59096327	-0,040	0,314
CHR8	24326264	CHR8:24326264	SSF x Near_LoA	-11,7882554	-0,029	0,303
CHR8	24328337	CHR8:24328337	SSF x Near_LoA	-6,08901337	-0,051	0,309
CHR8	24328348	CHR8:24328348	SSF x Near_LoA	-5,37035017	-0,109	0,290
CHR8	24328365	CHR8:24328365	SSF x Near_LoA	-9,42298298	0,111	0,287
CHR8	24328452	CHR8:24328452	SSF x Near_LoA	-8,95675724	-0,017	0,312
CHR8	24328558	CHR8:24328558	SSF x Near_LoA	-10,823773	-0,009	0,300
CHR8	24331200	CHR8:24331200	SSF x Near_LoA	-9,75954185	-0,005	0,321
CHR8	24331209	CHR8:24331209	SSF x Near_LoA	-5,25432092	0,116	0,307
CHR8	24331223	CHR8:24331223	SSF x Near_LoA	-10,8720174	0,022	0,306
CHR8	24333017	CHR8:24333017	SSF x Near_LoA	-6,4453376	-0,072	0,311
CHR8	24338886	CHR8:24338886	SSF x Near_LoA	-4,5918249	0,098	0,313
CHR8	24344619	CHR8:24344619	SSF x Near_LoA	-9,94046118	0,092	0,308
CHR8	24344645	CHR8:24344645	SSF x Near_LoA	-8,69579898	-0,001	0,319
CHR8	24344653	CHR8:24344653	SSF x Near_LoA	-5,7353968	-0,175	0,313
CHR8	24344677	CHR8:24344677	SSF x Near_LoA	-10,8365999	0,003	0,306
CHR8	24345478	CHR8:24345478	SSF x Near_LoA	-5,68826929	0,156	0,296
CHR8	24345485	CHR8:24345485	SSF x Near_LoA	-10,0052496	0,063	0,294
CHR8	24345496	CHR8:24345496	SSF x Near_LoA	-10,0779424	-0,083	0,306
CHR8	24345504	CHR8:24345504	SSF x Near_LoA	-7,91161027	0,173	0,284
CHR8	24345525	CHR8:24345525	SSF x Near_LoA	-2,41624162	0,103	0,301
CHR8	24345529	CHR8:24345529	SSF x Near_LoA	7,18733213	0,074	0,307
CHR8	24345560	CHR8:24345560	SSF x Near_LoA	-9,92179129	-0,054	0,305
CHR8	2435703	CHR8:2435703	SSF x Near_LoA	-7,6747081	-0,052	0,305
CHR8	2435704	CHR8:2435704	SSF x Near_LoA	-5,5087242	0,114	0,310
CHR8	2435740	CHR8:2435740	SSF x Near_LoA	-4,68843035	-0,026	0,311
CHR8	2435765	CHR8:2435765	SSF x Near_LoA	-10,3765933	0,114	0,311
CHR8	2435767	CHR8:2435767	SSF x Near_LoA	-7,16592379	0,120	0,307
CHR8	2435844	CHR8:2435844	SSF x Near_LoA	-5,75841946	0,104	0,295

CHR8	24361498	CHR8:24361498	SSF x Near_LoA	-9,91519217	0,097	0,307
CHR8	24361671	CHR8:24361671	SSF x Near_LoA	-8,73455082	-0,036	0,318
CHR8	24361705	CHR8:24361705	SSF x Near_LoA	-9,15788265	-0,077	0,304
CHR8	24367866	CHR8:24367866	SSF x Near_LoA	-9,79434674	-0,113	0,305
CHR8	24367910	CHR8:24367910	SSF x Near_LoA	-10,1976726	-0,087	0,307
CHR8	24373561	CHR8:24373561	SSF x Near_LoA	-9,29269881	0,071	0,317
CHR8	24399702	CHR8:24399702	SSF x Near_LoA	-4,83362792	-0,127	0,292
CHR8	24399762	CHR8:24399762	SSF x Near_LoA	-9,41779411	-0,011	0,318
CHR8	24399826	CHR8:24399826	SSF x Near_LoA	-8,8182427	-0,034	0,303
CHR8	2441017	CHR8:2441017	SSF x Near_LoA	-9,32628184	-0,119	0,319
CHR8	24414247	CHR8:24414247	SSF x Near_LoA	-9,13683093	-0,071	0,303
CHR8	24414372	CHR8:24414372	SSF x Near_LoA	-8,05985898	-0,065	0,321
CHR8	24414381	CHR8:24414381	SSF x Near_LoA	-8,16122311	-0,098	0,304
CHR8	24414396	CHR8:24414396	SSF x Near_LoA	-9,04351239	-0,103	0,305
CHR8	24414428	CHR8:24414428	SSF x Near_LoA	-9,53686642	0,050	0,324
CHR8	24414476	CHR8:24414476	SSF x Near_LoA	-8,34489184	0,043	0,312
CHR8	24418034	CHR8:24418034	SSF x Near_LoA	-7,87345173	0,079	0,307
CHR8	24418038	CHR8:24418038	SSF x Near_LoA	-8,29320006	-0,022	0,328
CHR8	24418097	CHR8:24418097	SSF x Near_LoA	-8,14728531	-0,178	0,296
CHR8	24418167	CHR8:24418167	SSF x Near_LoA	-8,54342141	-0,056	0,308
CHR8	2443136	CHR8:2443136	SSF x Near_LoA	-10,2651674	-0,024	0,302
CHR8	2443306	CHR8:2443306	SSF x Near_LoA	-8,79195208	0,035	0,303
CHR8	2443317	CHR8:2443317	SSF x Near_LoA	-8,35706967	0,044	0,314
CHR8	24433296	CHR8:24433296	SSF x Near_LoA	-9,15241293	0,054	0,304
CHR8	24451505	CHR8:24451505	SSF x Near_LoA	-7,40281094	0,068	0,319
CHR8	24451507	CHR8:24451507	SSF x Near_LoA	-9,10773234	0,058	0,307
CHR8	24457837	CHR8:24457837	SSF x Near_LoA	-9,95915406	-0,032	0,293
CHR8	24457916	CHR8:24457916	SSF x Near_LoA	-10,7963529	-0,098	0,305
CHR8	24458051	CHR8:24458051	SSF x Near_LoA	-7,02079177	-0,136	0,320
CHR8	24459839	CHR8:24459839	SSF x Near_LoA	-8,71337124	0,023	0,310
CHR8	24460010	CHR8:24460010	SSF x Near_LoA	-2,0631427	-0,064	0,307
CHR8	24461722	CHR8:24461722	SSF x Near_LoA	-9,25074698	-0,087	0,298
CHR8	24461746	CHR8:24461746	SSF x Near_LoA	-10,1875085	0,070	0,301
CHR8	24461752	CHR8:24461752	SSF x Near_LoA	-10,1908764	-0,111	0,315
CHR8	24477757	CHR8:24477757	SSF x Near_LoA	-9,22402278	-0,039	0,287
CHR8	24477842	CHR8:24477842	SSF x Near_LoA	-10,0740772	-0,025	0,308
CHR8	24478810	CHR8:24478810	SSF x Near_LoA	-8,24756705	-0,006	0,297
CHR8	24478868	CHR8:24478868	SSF x Near_LoA	-9,69308558	-0,008	0,288
CHR8	24478920	CHR8:24478920	SSF x Near_LoA	20,5052824	-0,019	0,314
CHR8	24478929	CHR8:24478929	SSF x Near_LoA	-8,46039965	0,000	0,304
CHR8	24484735	CHR8:24484735	SSF x Near_LoA	1,04614812	0,031	0,308
CHR8	24484816	CHR8:24484816	SSF x Near_LoA	-1,210622	0,065	0,299
CHR8	24488394	CHR8:24488394	SSF x Near_LoA	-9,86586659	-0,022	0,312
CHR8	2448902	CHR8:2448902	SSF x Near_LoA	-8,38587192	-0,006	0,321
CHR8	2448923	CHR8:2448923	SSF x Near_LoA	-8,9423232	0,071	0,302
CHR8	2448927	CHR8:2448927	SSF x Near_LoA	-8,11747714	-0,092	0,302
CHR8	2448938	CHR8:2448938	SSF x Near_LoA	-9,97504526	-0,001	0,317
CHR8	2448972	CHR8:2448972	SSF x Near_LoA	-10,5134368	-0,026	0,317
CHR8	2448978	CHR8:2448978	SSF x Near_LoA	-8,45773515	0,073	0,307
CHR8	2449092	CHR8:2449092	SSF x Near_LoA	-9,52256836	-0,068	0,296
CHR8	24505230	CHR8:24505230	SSF x Near_LoA	-8,45819424	-0,051	0,305
CHR8	24516260	CHR8:24516260	SSF x Near_LoA	-10,4400889	-0,044	0,322
CHR8	24516261	CHR8:24516261	SSF x Near_LoA	-10,4873505	-0,032	0,308

CHR8	24516263	CHR8:24516263	SSF x Near_LoA	-9,99505523	-0,041	0,317
CHR8	24516299	CHR8:24516299	SSF x Near_LoA	-9,00188736	0,079	0,296
CHR8	24516338	CHR8:24516338	SSF x Near_LoA	-9,54075628	0,098	0,310
CHR8	24516363	CHR8:24516363	SSF x Near_LoA	-10,8901646	-0,076	0,310
CHR8	24516368	CHR8:24516368	SSF x Near_LoA	-10,1278181	-0,123	0,323
CHR8	24516378	CHR8:24516378	SSF x Near_LoA	-10,1574804	-0,083	0,312
CHR8	24516405	CHR8:24516405	SSF x Near_LoA	-3,29360677	0,044	0,321
CHR8	24516475	CHR8:24516475	SSF x Near_LoA	-11,374995	0,111	0,293
CHR8	24527892	CHR8:24527892	SSF x Near_LoA	-9,58388462	-0,035	0,322
CHR8	24537533	CHR8:24537533	SSF x Near_LoA	-11,6394598	0,026	0,309
CHR8	2457182	CHR8:2457182	SSF x Near_LoA	-8,34775057	0,114	0,310
CHR8	2457246	CHR8:2457246	SSF x Near_LoA	-9,61189674	-0,037	0,307
CHR8	24575469	CHR8:24575469	SSF x Near_LoA	-7,92427998	-0,016	0,306
CHR8	24575479	CHR8:24575479	SSF x Near_LoA	-7,63099653	-0,010	0,320
CHR8	24579590	CHR8:24579590	SSF x Near_LoA	-11,0167547	-0,046	0,311
CHR8	24594523	CHR8:24594523	SSF x Near_LoA	-6,76411805	0,049	0,307
CHR8	24602556	CHR8:24602556	SSF x Near_LoA	-9,03541705	-0,021	0,313
CHR8	24606275	CHR8:24606275	SSF x Near_LoA	-8,52652085	0,011	0,306
CHR8	2462352	CHR8:2462352	SSF x Near_LoA	-9,34919192	-0,086	0,308
CHR8	2462399	CHR8:2462399	SSF x Near_LoA	-10,0476479	0,105	0,288
CHR8	2462400	CHR8:2462400	SSF x Near_LoA	-8,98633027	-0,072	0,307
CHR8	24630121	CHR8:24630121	SSF x Near_LoA	-11,6863241	0,042	0,312
CHR8	24630190	CHR8:24630190	SSF x Near_LoA	-12,1188688	0,068	0,297
CHR8	24647337	CHR8:24647337	SSF x Near_LoA	-9,47947855	-0,127	0,298
CHR8	24682570	CHR8:24682570	SSF x Near_LoA	-7,58589363	-0,033	0,309
CHR8	24682630	CHR8:24682630	SSF x Near_LoA	-8,12252899	0,111	0,301
CHR8	24682681	CHR8:24682681	SSF x Near_LoA	-6,31145663	-0,050	0,304
CHR8	24685069	CHR8:24685069	SSF x Near_LoA	-8,7495454	-0,036	0,303
CHR8	24685128	CHR8:24685128	SSF x Near_LoA	-8,55676882	0,025	0,307
CHR8	24685192	CHR8:24685192	SSF x Near_LoA	-8,27211605	0,058	0,310
CHR8	24685252	CHR8:24685252	SSF x Near_LoA	-10,4516967	-0,046	0,310
CHR8	24685273	CHR8:24685273	SSF x Near_LoA	-10,5242239	0,095	0,295
CHR8	24688931	CHR8:24688931	SSF x Near_LoA	-8,51803673	-0,103	0,298
CHR8	24688933	CHR8:24688933	SSF x Near_LoA	-6,46212314	-0,108	0,301
CHR8	24688941	CHR8:24688941	SSF x Near_LoA	-7,57367391	-0,106	0,300
CHR8	24688962	CHR8:24688962	SSF x Near_LoA	-9,94704322	0,003	0,318
CHR8	24688985	CHR8:24688985	SSF x Near_LoA	-7,21401862	0,093	0,300
CHR8	24689294	CHR8:24689294	SSF x Near_LoA	-11,0326112	0,052	0,316
CHR8	24689308	CHR8:24689308	SSF x Near_LoA	-9,49029136	-0,045	0,308
CHR8	24689313	CHR8:24689313	SSF x Near_LoA	-12,3042678	0,052	0,297
CHR8	24691416	CHR8:24691416	SSF x Near_LoA	-11,7996801	-0,057	0,301
CHR8	24691460	CHR8:24691460	SSF x Near_LoA	-10,6158445	-0,089	0,311
CHR8	24691588	CHR8:24691588	SSF x Near_LoA	-8,15492719	0,056	0,315
CHR8	24691613	CHR8:24691613	SSF x Near_LoA	-7,85905843	0,094	0,297
CHR8	24691667	CHR8:24691667	SSF x Near_LoA	-10,427175	0,038	0,299
CHR8	24693931	CHR8:24693931	SSF x Near_LoA	-9,79887436	-0,131	0,294
CHR8	24693963	CHR8:24693963	SSF x Near_LoA	-8,6872675	-0,033	0,322
CHR8	24693967	CHR8:24693967	SSF x Near_LoA	-9,27192425	-0,038	0,309
CHR8	24693980	CHR8:24693980	SSF x Near_LoA	-7,71416856	-0,062	0,321
CHR8	24693996	CHR8:24693996	SSF x Near_LoA	-5,40253761	0,032	0,307
CHR8	24694018	CHR8:24694018	SSF x Near_LoA	-8,06378654	0,043	0,317
CHR8	24695774	CHR8:24695774	SSF x Near_LoA	-9,93198477	0,041	0,314
CHR8	24695852	CHR8:24695852	SSF x Near_LoA	-10,8218004	-0,005	0,292

CHR8	24695853	CHR8:24695853	SSF x Near_LoA	-9,3936814	0,035	0,316
CHR8	24744445	CHR8:24744445	SSF x Near_LoA	-8,41485112	-0,148	0,306
CHR8	24744510	CHR8:24744510	SSF x Near_LoA	-7,50553594	0,071	0,309
CHR8	24744610	CHR8:24744610	SSF x Near_LoA	-6,33352838	0,035	0,301
CHR8	24744614	CHR8:24744614	SSF x Near_LoA	-7,75688056	0,176	0,313
CHR8	24744631	CHR8:24744631	SSF x Near_LoA	-10,3166322	-0,022	0,301
CHR8	24744635	CHR8:24744635	SSF x Near_LoA	-8,25821489	0,143	0,297
CHR8	24744667	CHR8:24744667	SSF x Near_LoA	-10,4421347	0,009	0,309
CHR8	24749917	CHR8:24749917	SSF x Near_LoA	-11,3509485	-0,010	0,300
CHR8	24749970	CHR8:24749970	SSF x Near_LoA	-6,77038499	-0,116	0,314
CHR8	24751205	CHR8:24751205	SSF x Near_LoA	-10,2871724	0,039	0,309
CHR8	24759116	CHR8:24759116	SSF x Near_LoA	-11,1374333	0,110	0,298
CHR8	24759120	CHR8:24759120	SSF x Near_LoA	6,06019471	-0,022	0,311
CHR8	24759123	CHR8:24759123	SSF x Near_LoA	-9,65140885	-0,030	0,324
CHR8	24792363	CHR8:24792363	SSF x Near_LoA	-8,41024022	0,098	0,308
CHR8	24800438	CHR8:24800438	SSF x Near_LoA	-10,4726022	-0,029	0,319
CHR8	24800538	CHR8:24800538	SSF x Near_LoA	-11,68166	-0,077	0,299
CHR8	24800584	CHR8:24800584	SSF x Near_LoA	-8,96278159	0,066	0,305
CHR8	24802424	CHR8:24802424	SSF x Near_LoA	-3,89313846	-0,123	0,303
CHR8	24812593	CHR8:24812593	SSF x Near_LoA	-8,50130014	0,079	0,296
CHR8	24812594	CHR8:24812594	SSF x Near_LoA	-8,38295116	0,094	0,311
CHR8	24812636	CHR8:24812636	SSF x Near_LoA	-7,83209678	0,067	0,316
CHR8	24812686	CHR8:24812686	SSF x Near_LoA	-10,2577454	0,069	0,303
CHR8	24812722	CHR8:24812722	SSF x Near_LoA	-9,67445674	0,127	0,298
CHR8	24839448	CHR8:24839448	SSF x Near_LoA	7,4868492	-0,178	0,289
CHR8	24839508	CHR8:24839508	SSF x Near_LoA	-9,98873255	-0,118	0,304
CHR8	24850763	CHR8:24850763	SSF x Near_LoA	-11,8739126	0,060	0,299
CHR8	24860964	CHR8:24860964	SSF x Near_LoA	-10,2105951	-0,103	0,299
CHR8	24861079	CHR8:24861079	SSF x Near_LoA	-11,3414644	-0,013	0,298
CHR8	24873131	CHR8:24873131	SSF x Near_LoA	-6,53226394	0,102	0,305
CHR8	24894525	CHR8:24894525	SSF x Near_LoA	-11,1633397	0,026	0,307
CHR8	24894540	CHR8:24894540	SSF x Near_LoA	-8,83620406	0,068	0,312
CHR8	24894553	CHR8:24894553	SSF x Near_LoA	-9,23301572	-0,039	0,312
CHR8	24897270	CHR8:24897270	SSF x Near_LoA	-8,48074047	0,140	0,315
CHR8	24897332	CHR8:24897332	SSF x Near_LoA	-10,3152813	-0,002	0,305
CHR8	24897348	CHR8:24897348	SSF x Near_LoA	-8,13958411	0,030	0,308
CHR8	24897351	CHR8:24897351	SSF x Near_LoA	-9,72081084	0,026	0,297
CHR8	24910708	CHR8:24910708	SSF x Near_LoA	-6,24886707	-0,174	0,323
CHR8	2492734	CHR8:2492734	SSF x Near_LoA	-9,51243355	0,144	0,312
CHR8	2492757	CHR8:2492757	SSF x Near_LoA	-8,71576317	0,063	0,310
CHR8	2492927	CHR8:2492927	SSF x Near_LoA	-10,0123513	-0,025	0,309
CHR8	24932892	CHR8:24932892	SSF x Near_LoA	-5,28719628	-0,185	0,307
CHR8	24939795	CHR8:24939795	SSF x Near_LoA	-8,89733879	-0,017	0,309
CHR8	24940866	CHR8:24940866	SSF x Near_LoA	-11,196388	0,005	0,305
CHR8	24950046	CHR8:24950046	SSF x Near_LoA	-7,71273552	0,014	0,298
CHR8	24950213	CHR8:24950213	SSF x Near_LoA	-9,7610614	0,000	0,308
CHR8	24982714	CHR8:24982714	SSF x Near_LoA	-8,65461728	0,079	0,283
CHR8	24986949	CHR8:24986949	SSF x Near_LoA	-8,12603718	0,091	0,301
CHR8	24990916	CHR8:24990916	SSF x Near_LoA	-11,4163928	0,038	0,310
CHR8	24991822	CHR8:24991822	SSF x Near_LoA	-9,16324962	0,001	0,313
CHR8	24992428	CHR8:24992428	SSF x Near_LoA	-10,3352953	-0,010	0,312
CHR8	24993907	CHR8:24993907	SSF x Near_LoA	-9,06866885	0,007	0,305
CHR8	24993991	CHR8:24993991	SSF x Near_LoA	-11,2784394	0,019	0,306

CHR8	2499470	CHR8:2499470	SSF x Near_LoA	-8,04617266	0,024	0,302
CHR8	2499951	CHR8:2499951	SSF x Near_LoA	-10,0724827	0,071	0,303
CHR8	2500066	CHR8:2500066	SSF x Near_LoA	-9,22267551	-0,017	0,324
CHR8	25018569	CHR8:25018569	SSF x Near_LoA	-12,2434586	-0,079	0,302
CHR8	25023016	CHR8:25023016	SSF x Near_LoA	-11,2101743	-0,011	0,293
CHR8	25031696	CHR8:25031696	SSF x Near_LoA	-4,03507443	0,013	0,306
CHR8	25037661	CHR8:25037661	SSF x Near_LoA	-7,77738911	-0,135	0,313
CHR8	2505030	CHR8:2505030	SSF x Near_LoA	-8,63274449	-0,016	0,313
CHR8	2505056	CHR8:2505056	SSF x Near_LoA	-2,01985459	-0,043	0,303
CHR8	2505073	CHR8:2505073	SSF x Near_LoA	-8,72280902	0,013	0,300
CHR8	25057548	CHR8:25057548	SSF x Near_LoA	-9,25825635	0,130	0,291
CHR8	25057565	CHR8:25057565	SSF x Near_LoA	-8,3672736	0,045	0,298
CHR8	25057621	CHR8:25057621	SSF x Near_LoA	-7,35935264	0,069	0,306
CHR8	25057823	CHR8:25057823	SSF x Near_LoA	-10,5099297	-0,035	0,302
CHR8	25073108	CHR8:25073108	SSF x Near_LoA	-11,1117109	-0,031	0,309
CHR8	25077334	CHR8:25077334	SSF x Near_LoA	-11,3346641	0,081	0,308
CHR8	25080666	CHR8:25080666	SSF x Near_LoA	-8,81631165	-0,022	0,307
CHR8	25080872	CHR8:25080872	SSF x Near_LoA	-7,94426137	0,017	0,309
CHR8	25080933	CHR8:25080933	SSF x Near_LoA	-5,79481399	0,149	0,293
CHR8	25091229	CHR8:25091229	SSF x Near_LoA	-8,91311025	-0,061	0,300
CHR8	25091318	CHR8:25091318	SSF x Near_LoA	-8,23823923	-0,057	0,296
CHR8	25091319	CHR8:25091319	SSF x Near_LoA	-9,03495989	-0,054	0,294
CHR8	25091323	CHR8:25091323	SSF x Near_LoA	-11,3508386	0,054	0,307
CHR8	25091357	CHR8:25091357	SSF x Near_LoA	-11,1175674	-0,091	0,298
CHR8	25095965	CHR8:25095965	SSF x Near_LoA	-9,46501426	-0,040	0,306
CHR8	25095989	CHR8:25095989	SSF x Near_LoA	-9,38340296	0,039	0,309
CHR8	25095997	CHR8:25095997	SSF x Near_LoA	-11,4299884	0,007	0,295
CHR8	25096029	CHR8:25096029	SSF x Near_LoA	-10,0582115	0,018	0,309
CHR8	25096046	CHR8:25096046	SSF x Near_LoA	-8,46121406	0,051	0,285
CHR8	25096059	CHR8:25096059	SSF x Near_LoA	-9,73897279	-0,059	0,319
CHR8	25096163	CHR8:25096163	SSF x Near_LoA	-8,4921264	0,038	0,306
CHR8	25096192	CHR8:25096192	SSF x Near_LoA	-9,14781313	0,031	0,298
CHR8	25096217	CHR8:25096217	SSF x Near_LoA	-8,25501274	-0,020	0,307
CHR8	25101881	CHR8:25101881	SSF x Near_LoA	-7,65052975	-0,035	0,310
CHR8	25118903	CHR8:25118903	SSF x Near_LoA	-8,72599676	-0,027	0,317
CHR8	25124747	CHR8:25124747	SSF x Near_LoA	-9,62093138	0,060	0,311
CHR8	25124762	CHR8:25124762	SSF x Near_LoA	-9,06146476	0,071	0,309
CHR8	25147305	CHR8:25147305	SSF x Near_LoA	-8,32550255	0,106	0,297
CHR8	2516394	CHR8:2516394	SSF x Near_LoA	-7,15400195	-0,119	0,308
CHR8	2516413	CHR8:2516413	SSF x Near_LoA	-7,98429946	0,096	0,297
CHR8	2516450	CHR8:2516450	SSF x Near_LoA	-10,105138	0,028	0,305
CHR8	25166916	CHR8:25166916	SSF x Near_LoA	-8,60787042	-0,005	0,306
CHR8	25180440	CHR8:25180440	SSF x Near_LoA	-8,34944914	0,016	0,317
CHR8	25194429	CHR8:25194429	SSF x Near_LoA	-6,8879478	0,200	0,306
CHR8	25194432	CHR8:25194432	SSF x Near_LoA	-10,1253887	0,158	0,296
CHR8	25194459	CHR8:25194459	SSF x Near_LoA	-8,53735364	0,147	0,301
CHR8	25194488	CHR8:25194488	SSF x Near_LoA	-11,250446	0,123	0,291
CHR8	25194504	CHR8:25194504	SSF x Near_LoA	-10,3998257	0,109	0,307
CHR8	25194513	CHR8:25194513	SSF x Near_LoA	9,84573519	-0,157	0,306
CHR8	25194536	CHR8:25194536	SSF x Near_LoA	-10,3543697	0,074	0,311
CHR8	25194551	CHR8:25194551	SSF x Near_LoA	-8,25367688	-0,043	0,313
CHR8	25199262	CHR8:25199262	SSF x Near_LoA	-8,35370412	-0,064	0,312
CHR8	25199278	CHR8:25199278	SSF x Near_LoA	-9,14677736	0,065	0,315

CHR8	25199296	CHR8:25199296	SSF x Near_LoA	-10,0130845	-0,072	0,295
CHR8	25200956	CHR8:25200956	SSF x Near_LoA	-5,36218265	0,067	0,305
CHR8	25201577	CHR8:25201577	SSF x Near_LoA	-9,46373398	-0,022	0,299
CHR8	25201637	CHR8:25201637	SSF x Near_LoA	-5,47010594	0,119	0,315
CHR8	25201638	CHR8:25201638	SSF x Near_LoA	-6,03948441	-0,132	0,308
CHR8	25207497	CHR8:25207497	SSF x Near_LoA	-10,1793857	-0,026	0,320
CHR8	25213030	CHR8:25213030	SSF x Near_LoA	-10,9323517	0,071	0,302
CHR8	25213157	CHR8:25213157	SSF x Near_LoA	-9,14357068	0,045	0,294
CHR8	25214856	CHR8:25214856	SSF x Near_LoA	-9,88595627	0,085	0,309
CHR8	25216063	CHR8:25216063	SSF x Near_LoA	-9,40998298	0,016	0,311
CHR8	25218463	CHR8:25218463	SSF x Near_LoA	1,09146855	0,253	0,291
CHR8	25220527	CHR8:25220527	SSF x Near_LoA	-9,05405042	-0,025	0,293
CHR8	25220609	CHR8:25220609	SSF x Near_LoA	-7,4829152	-0,041	0,316
CHR8	25222452	CHR8:25222452	SSF x Near_LoA	-9,40221283	-0,105	0,306
CHR8	25222552	CHR8:25222552	SSF x Near_LoA	-11,0127926	0,029	0,299
CHR8	25222574	CHR8:25222574	SSF x Near_LoA	-9,07333716	-0,041	0,304
CHR8	25223366	CHR8:25223366	SSF x Near_LoA	-9,8062322	-0,026	0,322
CHR8	25223394	CHR8:25223394	SSF x Near_LoA	-8,90277902	0,058	0,314
CHR8	25223443	CHR8:25223443	SSF x Near_LoA	-8,4663946	0,066	0,314
CHR8	25223461	CHR8:25223461	SSF x Near_LoA	-8,69937874	0,073	0,304
CHR8	25223599	CHR8:25223599	SSF x Near_LoA	-8,41694441	-0,065	0,308
CHR8	25223619	CHR8:25223619	SSF x Near_LoA	-11,8907022	-0,041	0,302
CHR8	25223749	CHR8:25223749	SSF x Near_LoA	-12,1548147	0,036	0,292
CHR8	25238405	CHR8:25238405	SSF x Near_LoA	-9,43920685	-0,031	0,301
CHR8	25247569	CHR8:25247569	SSF x Near_LoA	-10,064268	-0,028	0,306
CHR8	25247571	CHR8:25247571	SSF x Near_LoA	-8,03692426	-0,078	0,303
CHR8	25247572	CHR8:25247572	SSF x Near_LoA	-10,5155344	0,045	0,306
CHR8	2525409	CHR8:2525409	SSF x Near_LoA	-10,0180123	0,041	0,303
CHR8	25271236	CHR8:25271236	SSF x Near_LoA	-10,4215281	0,010	0,327
CHR8	25271237	CHR8:25271237	SSF x Near_LoA	-10,3455203	-0,002	0,325
CHR8	25271252	CHR8:25271252	SSF x Near_LoA	-8,95358767	-0,008	0,308
CHR8	25271769	CHR8:25271769	SSF x Near_LoA	-9,45953987	0,061	0,290
CHR8	25276359	CHR8:25276359	SSF x Near_LoA	-11,6576701	-0,047	0,302
CHR8	25276378	CHR8:25276378	SSF x Near_LoA	-11,309037	-0,014	0,292
CHR8	25276445	CHR8:25276445	SSF x Near_LoA	-9,62013718	0,076	0,308
CHR8	25276446	CHR8:25276446	SSF x Near_LoA	-9,4992212	0,035	0,317
CHR8	25276459	CHR8:25276459	SSF x Near_LoA	-11,3460966	0,030	0,304
CHR8	25276480	CHR8:25276480	SSF x Near_LoA	-6,81852691	0,082	0,311
CHR8	25276525	CHR8:25276525	SSF x Near_LoA	-8,4531398	0,078	0,302
CHR8	25276652	CHR8:25276652	SSF x Near_LoA	-8,78670659	0,021	0,314
CHR8	25276690	CHR8:25276690	SSF x Near_LoA	-8,81733508	0,129	0,311
CHR8	25290591	CHR8:25290591	SSF x Near_LoA	-9,04073859	-0,020	0,318
CHR8	25290805	CHR8:25290805	SSF x Near_LoA	-10,8194833	0,085	0,305
CHR8	2529471	CHR8:2529471	SSF x Near_LoA	-10,7488799	-0,019	0,307
CHR8	2529485	CHR8:2529485	SSF x Near_LoA	-9,29292301	-0,074	0,301
CHR8	2529499	CHR8:2529499	SSF x Near_LoA	-10,5730361	0,008	0,310
CHR8	25295324	CHR8:25295324	SSF x Near_LoA	-10,4349919	-0,063	0,303
CHR8	25295416	CHR8:25295416	SSF x Near_LoA	-9,3279429	0,138	0,306
CHR8	2529588	CHR8:2529588	SSF x Near_LoA	-9,27067235	0,036	0,315
CHR8	2529615	CHR8:2529615	SSF x Near_LoA	-11,0153001	-0,053	0,304
CHR8	25297572	CHR8:25297572	SSF x Near_LoA	-7,62733855	-0,041	0,293
CHR8	25297609	CHR8:25297609	SSF x Near_LoA	-10,4839569	-0,096	0,313
CHR8	25297640	CHR8:25297640	SSF x Near_LoA	-7,63859832	0,041	0,286

CHR8	25305201	CHR8:25305201	SSF x Near_LoA	-9,33573735	-0,027	0,304
CHR8	25305205	CHR8:25305205	SSF x Near_LoA	-10,1057214	0,018	0,300
CHR8	25305385	CHR8:25305385	SSF x Near_LoA	-11,3996029	-0,061	0,300
CHR8	25305546	CHR8:25305546	SSF x Near_LoA	-7,40382941	0,106	0,307
CHR8	25313108	CHR8:25313108	SSF x Near_LoA	-4,51548569	-0,001	0,327
CHR8	25313181	CHR8:25313181	SSF x Near_LoA	-9,33747422	-0,125	0,303
CHR8	25315750	CHR8:25315750	SSF x Near_LoA	-8,5719613	-0,053	0,318
CHR8	25315752	CHR8:25315752	SSF x Near_LoA	-11,4609879	-0,057	0,312
CHR8	25315785	CHR8:25315785	SSF x Near_LoA	-8,29709439	-0,086	0,304
CHR8	25315789	CHR8:25315789	SSF x Near_LoA	-8,25716112	-0,083	0,307
CHR8	25315814	CHR8:25315814	SSF x Near_LoA	-11,6441503	-0,042	0,310
CHR8	25315891	CHR8:25315891	SSF x Near_LoA	-10,9449765	-0,047	0,302
CHR8	25315906	CHR8:25315906	SSF x Near_LoA	-8,95576194	-0,029	0,324
CHR8	25318847	CHR8:25318847	SSF x Near_LoA	-9,74305476	-0,090	0,320
CHR8	25322786	CHR8:25322786	SSF x Near_LoA	-10,613399	0,007	0,306
CHR8	25322808	CHR8:25322808	SSF x Near_LoA	-8,13626317	-0,036	0,312
CHR8	25322824	CHR8:25322824	SSF x Near_LoA	-12,0543929	0,027	0,304
CHR8	25322833	CHR8:25322833	SSF x Near_LoA	-11,607192	-0,063	0,305
CHR8	25322857	CHR8:25322857	SSF x Near_LoA	-9,96668948	0,005	0,308
CHR8	25332381	CHR8:25332381	SSF x Near_LoA	-9,16335377	-0,007	0,304
CHR8	25332513	CHR8:25332513	SSF x Near_LoA	-11,1179085	0,016	0,302
CHR8	25332516	CHR8:25332516	SSF x Near_LoA	-7,08187864	-0,073	0,308
CHR8	25342557	CHR8:25342557	SSF x Near_LoA	-8,76627367	0,052	0,309
CHR8	25342706	CHR8:25342706	SSF x Near_LoA	-9,31382443	-0,099	0,305
CHR8	25343448	CHR8:25343448	SSF x Near_LoA	-8,21386733	0,024	0,302
CHR8	25343458	CHR8:25343458	SSF x Near_LoA	-8,92555808	0,051	0,294
CHR8	25343517	CHR8:25343517	SSF x Near_LoA	-9,25708912	-0,002	0,304
CHR8	25355634	CHR8:25355634	SSF x Near_LoA	-6,7109529	0,199	0,287
CHR8	25366861	CHR8:25366861	SSF x Near_LoA	-7,59650364	0,044	0,306
CHR8	25366920	CHR8:25366920	SSF x Near_LoA	-8,20876213	-0,007	0,324
CHR8	25366970	CHR8:25366970	SSF x Near_LoA	-8,62157637	0,038	0,305
CHR8	25367061	CHR8:25367061	SSF x Near_LoA	-9,64499551	-0,036	0,300
CHR8	25367081	CHR8:25367081	SSF x Near_LoA	-10,04148	0,008	0,314
CHR8	25367183	CHR8:25367183	SSF x Near_LoA	-11,311552	0,088	0,306
CHR8	25379690	CHR8:25379690	SSF x Near_LoA	-11,4097796	-0,028	0,302
CHR8	25379705	CHR8:25379705	SSF x Near_LoA	-10,0109873	0,013	0,308
CHR8	25384212	CHR8:25384212	SSF x Near_LoA	-10,2303387	-0,012	0,311
CHR8	25384256	CHR8:25384256	SSF x Near_LoA	-5,50651389	-0,021	0,316
CHR8	25384715	CHR8:25384715	SSF x Near_LoA	-9,42108195	0,012	0,293
CHR8	25384772	CHR8:25384772	SSF x Near_LoA	-4,05195045	-0,073	0,307
CHR8	25387156	CHR8:25387156	SSF x Near_LoA	-9,5943406	-0,044	0,304
CHR8	25394244	CHR8:25394244	SSF x Near_LoA	-6,90594602	-0,144	0,320
CHR8	25405307	CHR8:25405307	SSF x Near_LoA	-6,5139172	-0,149	0,307
CHR8	254166	CHR8:254166	SSF x Near_LoA	-7,98803164	-0,018	0,303
CHR8	25419887	CHR8:25419887	SSF x Near_LoA	-9,26582796	-0,049	0,311
CHR8	25419934	CHR8:25419934	SSF x Near_LoA	-8,00986969	-0,073	0,310
CHR8	25420037	CHR8:25420037	SSF x Near_LoA	-9,62154146	-0,024	0,321
CHR8	25420068	CHR8:25420068	SSF x Near_LoA	-11,1455415	-0,094	0,318
CHR8	25421272	CHR8:25421272	SSF x Near_LoA	-9,05976275	-0,002	0,320
CHR8	25421273	CHR8:25421273	SSF x Near_LoA	-3,18659595	-0,114	0,319
CHR8	25421330	CHR8:25421330	SSF x Near_LoA	-9,78536283	0,141	0,294
CHR8	254227	CHR8:254227	SSF x Near_LoA	-10,4973205	-0,061	0,302
CHR8	2543707	CHR8:2543707	SSF x Near_LoA	-11,4528244	0,026	0,319

CHR8	2543891	CHR8:2543891	SSF x Near_LoA	-9,42061836	-0,038	0,310
CHR8	2543938	CHR8:2543938	SSF x Near_LoA	-4,95950619	-0,012	0,296
CHR8	25442113	CHR8:25442113	SSF x Near_LoA	-0,20967753	0,252	0,292
CHR8	2546855	CHR8:2546855	SSF x Near_LoA	-8,18638506	-0,050	0,311
CHR8	2546872	CHR8:2546872	SSF x Near_LoA	-11,1552246	0,016	0,295
CHR8	2546904	CHR8:2546904	SSF x Near_LoA	-8,21418263	0,084	0,311
CHR8	2546950	CHR8:2546950	SSF x Near_LoA	-9,52547731	-0,032	0,300
CHR8	2546956	CHR8:2546956	SSF x Near_LoA	-10,5650722	-0,015	0,304
CHR8	2546960	CHR8:2546960	SSF x Near_LoA	-12,4998729	0,024	0,309
CHR8	2547033	CHR8:2547033	SSF x Near_LoA	-10,0028659	-0,011	0,296
CHR8	2547067	CHR8:2547067	SSF x Near_LoA	-8,08361897	0,048	0,310
CHR8	25475883	CHR8:25475883	SSF x Near_LoA	-8,96359036	-0,120	0,287
CHR8	25479476	CHR8:25479476	SSF x Near_LoA	-10,5618436	0,061	0,309
CHR8	25479485	CHR8:25479485	SSF x Near_LoA	-6,3761926	-0,050	0,287
CHR8	25481845	CHR8:25481845	SSF x Near_LoA	-9,60258994	-0,080	0,318
CHR8	25484235	CHR8:25484235	SSF x Near_LoA	-9,26037669	-0,090	0,301
CHR8	25484451	CHR8:25484451	SSF x Near_LoA	-9,61233897	0,002	0,310
CHR8	25492257	CHR8:25492257	SSF x Near_LoA	-12,3109514	0,005	0,305
CHR8	25492398	CHR8:25492398	SSF x Near_LoA	-6,16331555	0,061	0,310
CHR8	25498307	CHR8:25498307	SSF x Near_LoA	-10,0304637	-0,087	0,311
CHR8	25498375	CHR8:25498375	SSF x Near_LoA	-8,59945633	0,058	0,291
CHR8	25500790	CHR8:25500790	SSF x Near_LoA	-11,3908991	0,020	0,322
CHR8	25516001	CHR8:25516001	SSF x Near_LoA	-9,03885228	0,059	0,309
CHR8	25527119	CHR8:25527119	SSF x Near_LoA	-10,0520553	0,087	0,308
CHR8	25527280	CHR8:25527280	SSF x Near_LoA	-6,00530869	-0,043	0,313
CHR8	25551262	CHR8:25551262	SSF x Near_LoA	-9,87064285	-0,026	0,298
CHR8	2556474	CHR8:2556474	SSF x Near_LoA	-10,1928405	0,102	0,305
CHR8	2556512	CHR8:2556512	SSF x Near_LoA	-11,6353734	0,024	0,299
CHR8	2556555	CHR8:2556555	SSF x Near_LoA	-8,60290202	0,087	0,293
CHR8	25589367	CHR8:25589367	SSF x Near_LoA	-6,70357934	0,100	0,303
CHR8	2560616	CHR8:2560616	SSF x Near_LoA	-9,31438563	-0,077	0,316
CHR8	2560660	CHR8:2560660	SSF x Near_LoA	-9,30456718	0,011	0,329
CHR8	2562385	CHR8:2562385	SSF x Near_LoA	-8,36859326	0,001	0,314
CHR8	2562392	CHR8:2562392	SSF x Near_LoA	-7,94211506	-0,035	0,301
CHR8	2562396	CHR8:2562396	SSF x Near_LoA	-8,41873423	0,004	0,303
CHR8	25632756	CHR8:25632756	SSF x Near_LoA	-9,3263218	-0,109	0,306
CHR8	25643681	CHR8:25643681	SSF x Near_LoA	-5,77160133	-0,036	0,322
CHR8	25646128	CHR8:25646128	SSF x Near_LoA	-8,17805537	0,029	0,313
CHR8	25646988	CHR8:25646988	SSF x Near_LoA	-11,1462042	0,013	0,297
CHR8	25647081	CHR8:25647081	SSF x Near_LoA	-11,0533087	-0,002	0,311
CHR8	25648258	CHR8:25648258	SSF x Near_LoA	-6,38589632	-0,024	0,318
CHR8	25648989	CHR8:25648989	SSF x Near_LoA	-8,7569426	0,033	0,294
CHR8	25659880	CHR8:25659880	SSF x Near_LoA	-8,3932112	0,079	0,308
CHR8	25659933	CHR8:25659933	SSF x Near_LoA	-10,4859407	0,060	0,307
CHR8	25660003	CHR8:25660003	SSF x Near_LoA	-8,7593264	-0,036	0,312
CHR8	25660026	CHR8:25660026	SSF x Near_LoA	-2,82159184	-0,073	0,308
CHR8	25677668	CHR8:25677668	SSF x Near_LoA	-7,9263058	0,058	0,304
CHR8	25678009	CHR8:25678009	SSF x Near_LoA	-8,92277623	0,064	0,305
CHR8	25686164	CHR8:25686164	SSF x Near_LoA	-10,1873562	-0,035	0,290
CHR8	25693122	CHR8:25693122	SSF x Near_LoA	-11,446724	0,007	0,300
CHR8	25693277	CHR8:25693277	SSF x Near_LoA	-10,4529427	-0,075	0,305
CHR8	25693354	CHR8:25693354	SSF x Near_LoA	-7,55130889	-0,023	0,311
CHR8	2570699	CHR8:2570699	SSF x Near_LoA	-8,32277806	-0,074	0,295

CHR8	2570757	CHR8:2570757	SSF x Near_LoA	-10,2161742	-0,002	0,314
CHR8	2570832	CHR8:2570832	SSF x Near_LoA	-10,8239857	-0,012	0,294
CHR8	25708689	CHR8:25708689	SSF x Near_LoA	-8,05585224	0,017	0,317
CHR8	25708765	CHR8:25708765	SSF x Near_LoA	-9,61062902	-0,045	0,315
CHR8	25708795	CHR8:25708795	SSF x Near_LoA	-9,43967264	-0,009	0,326
CHR8	25708822	CHR8:25708822	SSF x Near_LoA	-8,39088974	-0,073	0,317
CHR8	2570960	CHR8:2570960	SSF x Near_LoA	-6,57329898	0,126	0,304
CHR8	25722201	CHR8:25722201	SSF x Near_LoA	-8,75658362	-0,142	0,327
CHR8	25722203	CHR8:25722203	SSF x Near_LoA	-10,537841	-0,128	0,301
CHR8	25722260	CHR8:25722260	SSF x Near_LoA	-8,02412086	-0,175	0,301
CHR8	25773846	CHR8:25773846	SSF x Near_LoA	-6,73517592	-0,076	0,311
CHR8	2580501	CHR8:2580501	SSF x Near_LoA	-0,7897663	0,047	0,310
CHR8	2580768	CHR8:2580768	SSF x Near_LoA	-7,61147845	-0,152	0,308
CHR8	25839897	CHR8:25839897	SSF x Near_LoA	-10,6285867	0,036	0,310
CHR8	25839943	CHR8:25839943	SSF x Near_LoA	-9,64859208	-0,144	0,310
CHR8	25873346	CHR8:25873346	SSF x Near_LoA	-11,7946367	0,032	0,304
CHR8	25873374	CHR8:25873374	SSF x Near_LoA	-7,82534643	0,139	0,306
CHR8	25873390	CHR8:25873390	SSF x Near_LoA	-7,80123334	-0,051	0,305
CHR8	2587869	CHR8:2587869	SSF x Near_LoA	-9,20058744	-0,040	0,309
CHR8	25903067	CHR8:25903067	SSF x Near_LoA	-7,69738466	-0,010	0,302
CHR8	25904260	CHR8:25904260	SSF x Near_LoA	-10,4267187	-0,046	0,320
CHR8	25912013	CHR8:25912013	SSF x Near_LoA	-9,34008298	-0,057	0,304
CHR8	25919718	CHR8:25919718	SSF x Near_LoA	-11,7701587	-0,058	0,296
CHR8	25927647	CHR8:25927647	SSF x Near_LoA	-8,95721636	-0,029	0,323
CHR8	25927681	CHR8:25927681	SSF x Near_LoA	-10,5591136	0,013	0,303
CHR8	25927698	CHR8:25927698	SSF x Near_LoA	-9,95633098	-0,052	0,301
CHR8	25944740	CHR8:25944740	SSF x Near_LoA	-12,0023082	-0,062	0,302
CHR8	25944757	CHR8:25944757	SSF x Near_LoA	-9,78174874	0,049	0,312
CHR8	25944778	CHR8:25944778	SSF x Near_LoA	-7,58036784	0,120	0,285
CHR8	25944780	CHR8:25944780	SSF x Near_LoA	-11,9003477	0,003	0,304
CHR8	25944797	CHR8:25944797	SSF x Near_LoA	-9,51414688	0,006	0,305
CHR8	25947037	CHR8:25947037	SSF x Near_LoA	-7,48353133	-0,115	0,303
CHR8	25947082	CHR8:25947082	SSF x Near_LoA	-9,08555498	0,103	0,299
CHR8	25947122	CHR8:25947122	SSF x Near_LoA	-10,3596573	-0,040	0,299
CHR8	25947133	CHR8:25947133	SSF x Near_LoA	-9,91976445	0,087	0,306
CHR8	25947150	CHR8:25947150	SSF x Near_LoA	-10,1003997	-0,046	0,295
CHR8	25947245	CHR8:25947245	SSF x Near_LoA	-10,9392719	-0,007	0,320
CHR8	25962786	CHR8:25962786	SSF x Near_LoA	-8,74853712	-0,042	0,313
CHR8	25962815	CHR8:25962815	SSF x Near_LoA	-7,11674017	-0,015	0,314
CHR8	25962938	CHR8:25962938	SSF x Near_LoA	-9,51717906	-0,039	0,306
CHR8	25966027	CHR8:25966027	SSF x Near_LoA	-10,6447221	-0,056	0,318
CHR8	25966081	CHR8:25966081	SSF x Near_LoA	-11,1555087	-0,075	0,303
CHR8	25966082	CHR8:25966082	SSF x Near_LoA	-11,322929	-0,076	0,319
CHR8	25981716	CHR8:25981716	SSF x Near_LoA	-11,2954277	0,024	0,305
CHR8	25998556	CHR8:25998556	SSF x Near_LoA	-10,0025505	-0,044	0,309
CHR8	25998560	CHR8:25998560	SSF x Near_LoA	-10,7253547	0,033	0,313
CHR8	25998576	CHR8:25998576	SSF x Near_LoA	-11,6089361	-0,072	0,298
CHR8	25998613	CHR8:25998613	SSF x Near_LoA	-5,5461736	-0,069	0,317
CHR8	25998631	CHR8:25998631	SSF x Near_LoA	-10,000918	0,022	0,310
CHR8	26001551	CHR8:26001551	SSF x Near_LoA	-8,82144521	0,003	0,301
CHR8	26001557	CHR8:26001557	SSF x Near_LoA	-5,99463889	0,072	0,309
CHR8	26001684	CHR8:26001684	SSF x Near_LoA	-8,24280048	0,029	0,312
CHR8	26010338	CHR8:26010338	SSF x Near_LoA	-8,76401991	-0,010	0,307

CHR8	26014388	CHR8:26014388	SSF x Near_LoA	-6,95871788	-0,045	0,297
CHR8	26014451	CHR8:26014451	SSF x Near_LoA	-9,1977016	0,063	0,302
CHR8	26014639	CHR8:26014639	SSF x Near_LoA	-10,537361	-0,062	0,298
CHR8	26029246	CHR8:26029246	SSF x Near_LoA	-8,44553443	-0,062	0,312
CHR8	26029258	CHR8:26029258	SSF x Near_LoA	-7,69439062	-0,006	0,316
CHR8	26032096	CHR8:26032096	SSF x Near_LoA	-9,36609363	0,062	0,308
CHR8	26045218	CHR8:26045218	SSF x Near_LoA	-8,92710826	0,087	0,304
CHR8	26046674	CHR8:26046674	SSF x Near_LoA	-8,26525782	-0,073	0,307
CHR8	26046676	CHR8:26046676	SSF x Near_LoA	-9,03063446	0,125	0,303
CHR8	26050940	CHR8:26050940	SSF x Near_LoA	-9,73481867	0,040	0,307
CHR8	26050968	CHR8:26050968	SSF x Near_LoA	-10,3216126	-0,039	0,309
CHR8	26051005	CHR8:26051005	SSF x Near_LoA	-7,31244265	-0,011	0,310
CHR8	26051019	CHR8:26051019	SSF x Near_LoA	-11,0612523	-0,029	0,289
CHR8	26054888	CHR8:26054888	SSF x Near_LoA	-9,03005511	-0,049	0,317
CHR8	26054926	CHR8:26054926	SSF x Near_LoA	-10,3779494	0,015	0,313
CHR8	26071196	CHR8:26071196	SSF x Near_LoA	-6,54591299	-0,111	0,302
CHR8	26071358	CHR8:26071358	SSF x Near_LoA	-7,7278312	-0,072	0,310
CHR8	26071362	CHR8:26071362	SSF x Near_LoA	-6,13259855	0,178	0,301
CHR8	26071429	CHR8:26071429	SSF x Near_LoA	-8,29474082	0,185	0,300
CHR8	26071446	CHR8:26071446	SSF x Near_LoA	-9,56171455	0,047	0,304
CHR8	26071457	CHR8:26071457	SSF x Near_LoA	-10,3545955	-0,032	0,297
CHR8	26071475	CHR8:26071475	SSF x Near_LoA	-10,0805957	0,014	0,313
CHR8	26080974	CHR8:26080974	SSF x Near_LoA	-10,8498842	-0,094	0,286
CHR8	2608439	CHR8:2608439	SSF x Near_LoA	-10,8165713	-0,077	0,305
CHR8	2608497	CHR8:2608497	SSF x Near_LoA	-6,6327309	-0,025	0,314
CHR8	2608547	CHR8:2608547	SSF x Near_LoA	-9,19975517	0,032	0,309
CHR8	2608564	CHR8:2608564	SSF x Near_LoA	-7,94028474	0,072	0,306
CHR8	26115079	CHR8:26115079	SSF x Near_LoA	-5,86968583	-0,109	0,317
CHR8	26116963	CHR8:26116963	SSF x Near_LoA	-7,3808225	0,070	0,309
CHR8	26116985	CHR8:26116985	SSF x Near_LoA	-9,5906253	-0,016	0,308
CHR8	26117013	CHR8:26117013	SSF x Near_LoA	-9,82770544	0,072	0,325
CHR8	2612659	CHR8:2612659	SSF x Near_LoA	-8,65309994	0,034	0,326
CHR8	2612818	CHR8:2612818	SSF x Near_LoA	-8,65979396	0,089	0,307
CHR8	2612834	CHR8:2612834	SSF x Near_LoA	-9,25886988	-0,046	0,319
CHR8	2612841	CHR8:2612841	SSF x Near_LoA	-7,91186143	0,039	0,303
CHR8	26134137	CHR8:26134137	SSF x Near_LoA	-9,54483242	-0,110	0,310
CHR8	26144220	CHR8:26144220	SSF x Near_LoA	-10,5179802	-0,022	0,305
CHR8	26144244	CHR8:26144244	SSF x Near_LoA	-7,19659652	-0,021	0,316
CHR8	26144266	CHR8:26144266	SSF x Near_LoA	-8,11863482	-0,024	0,311
CHR8	2614559	CHR8:2614559	SSF x Near_LoA	-10,1900165	-0,056	0,320
CHR8	26161111	CHR8:26161111	SSF x Near_LoA	-10,6029212	-0,011	0,321
CHR8	26161147	CHR8:26161147	SSF x Near_LoA	-9,1217384	-0,019	0,308
CHR8	26162829	CHR8:26162829	SSF x Near_LoA	-9,51224549	0,035	0,304
CHR8	26178853	CHR8:26178853	SSF x Near_LoA	-10,0155243	0,057	0,319
CHR8	26191978	CHR8:26191978	SSF x Near_LoA	-10,777308	0,053	0,299
CHR8	26201286	CHR8:26201286	SSF x Near_LoA	-11,2655508	-0,040	0,313
CHR8	26201306	CHR8:26201306	SSF x Near_LoA	-8,76412557	-0,120	0,300
CHR8	262169	CHR8:262169	SSF x Near_LoA	-8,68189168	-0,119	0,319
CHR8	262196	CHR8:262196	SSF x Near_LoA	-9,95207816	-0,091	0,329
CHR8	26225861	CHR8:26225861	SSF x Near_LoA	-10,3937772	0,025	0,299
CHR8	26225958	CHR8:26225958	SSF x Near_LoA	-7,95823049	-0,043	0,298
CHR8	26230925	CHR8:26230925	SSF x Near_LoA	-10,8424877	0,070	0,299
CHR8	2623331	CHR8:2623331	SSF x Near_LoA	-10,6071805	-0,094	0,298

CHR8	2623468	CHR8:2623468	SSF x Near_LoA	-7,80857025	-0,068	0,313
CHR8	2623470	CHR8:2623470	SSF x Near_LoA	-7,92829468	-0,107	0,307
CHR8	2623485	CHR8:2623485	SSF x Near_LoA	-8,45499953	0,001	0,319
CHR8	2623498	CHR8:2623498	SSF x Near_LoA	-6,74885841	-0,063	0,314
CHR8	2623499	CHR8:2623499	SSF x Near_LoA	-8,8168014	-0,032	0,301
CHR8	2623523	CHR8:2623523	SSF x Near_LoA	-8,40876713	-0,104	0,304
CHR8	2623541	CHR8:2623541	SSF x Near_LoA	-6,76922016	-0,039	0,312
CHR8	2623563	CHR8:2623563	SSF x Near_LoA	-11,6417375	-0,023	0,296
CHR8	2623564	CHR8:2623564	SSF x Near_LoA	-8,61288792	-0,036	0,304
CHR8	26293981	CHR8:26293981	SSF x Near_LoA	0,02444449	-0,032	0,315
CHR8	26294002	CHR8:26294002	SSF x Near_LoA	-8,56504609	-0,004	0,305
CHR8	26295701	CHR8:26295701	SSF x Near_LoA	-5,72097836	-0,054	0,313
CHR8	26305192	CHR8:26305192	SSF x Near_LoA	-10,544181	0,041	0,316
CHR8	26305337	CHR8:26305337	SSF x Near_LoA	-10,6306823	0,050	0,309
CHR8	26308301	CHR8:26308301	SSF x Near_LoA	-10,6515325	0,018	0,315
CHR8	26317057	CHR8:26317057	SSF x Near_LoA	-8,82406887	0,046	0,299
CHR8	26317108	CHR8:26317108	SSF x Near_LoA	-9,43102871	0,072	0,299
CHR8	26322337	CHR8:26322337	SSF x Near_LoA	-10,5372918	0,073	0,285
CHR8	26334322	CHR8:26334322	SSF x Near_LoA	-8,97768143	0,043	0,296
CHR8	26335964	CHR8:26335964	SSF x Near_LoA	-6,78702947	0,114	0,301
CHR8	2634122	CHR8:2634122	SSF x Near_LoA	-10,7326434	0,022	0,297
CHR8	26342661	CHR8:26342661	SSF x Near_LoA	-8,73562638	0,116	0,289
CHR8	26355313	CHR8:26355313	SSF x Near_LoA	-9,92330667	-0,050	0,312
CHR8	26437670	CHR8:26437670	SSF x Near_LoA	-8,92242389	-0,033	0,308
CHR8	26437721	CHR8:26437721	SSF x Near_LoA	-9,10116291	-0,085	0,310
CHR8	26437892	CHR8:26437892	SSF x Near_LoA	-7,46024749	0,025	0,327
CHR8	26444184	CHR8:26444184	SSF x Near_LoA	-10,5300243	-0,016	0,303
CHR8	26444251	CHR8:26444251	SSF x Near_LoA	-9,49312754	0,101	0,304
CHR8	26444294	CHR8:26444294	SSF x Near_LoA	-11,5970456	-0,036	0,318
CHR8	26444323	CHR8:26444323	SSF x Near_LoA	-9,10693418	0,045	0,313
CHR8	26444341	CHR8:26444341	SSF x Near_LoA	-9,63473791	0,110	0,301
CHR8	26444437	CHR8:26444437	SSF x Near_LoA	-11,6602873	-0,048	0,303
CHR8	26448720	CHR8:26448720	SSF x Near_LoA	-8,06858361	0,102	0,305
CHR8	26453509	CHR8:26453509	SSF x Near_LoA	-5,8303337	0,164	0,298
CHR8	26453572	CHR8:26453572	SSF x Near_LoA	-7,77283896	0,046	0,319
CHR8	26459650	CHR8:26459650	SSF x Near_LoA	-9,27733434	-0,014	0,285
CHR8	26462813	CHR8:26462813	SSF x Near_LoA	-8,46587886	-0,129	0,292
CHR8	26472636	CHR8:26472636	SSF x Near_LoA	-8,24658049	0,064	0,303
CHR8	26496097	CHR8:26496097	SSF x Near_LoA	-8,73253655	-0,001	0,299
CHR8	26496311	CHR8:26496311	SSF x Near_LoA	-11,0685764	0,043	0,316
CHR8	26496341	CHR8:26496341	SSF x Near_LoA	-9,7313368	0,036	0,295
CHR8	26501513	CHR8:26501513	SSF x Near_LoA	-9,30504446	0,037	0,323
CHR8	26501531	CHR8:26501531	SSF x Near_LoA	-8,07340922	0,013	0,312
CHR8	26501552	CHR8:26501552	SSF x Near_LoA	-9,62573607	0,030	0,308
CHR8	26501560	CHR8:26501560	SSF x Near_LoA	-11,6543051	-0,027	0,293
CHR8	26501641	CHR8:26501641	SSF x Near_LoA	-11,8103164	-0,002	0,309
CHR8	26501656	CHR8:26501656	SSF x Near_LoA	-9,27530205	0,082	0,302
CHR8	26501734	CHR8:26501734	SSF x Near_LoA	-6,10032488	0,075	0,309
CHR8	26507035	CHR8:26507035	SSF x Near_LoA	-7,91438388	0,148	0,290
CHR8	26518577	CHR8:26518577	SSF x Near_LoA	-8,76732773	-0,079	0,304
CHR8	26519477	CHR8:26519477	SSF x Near_LoA	-7,66339706	0,054	0,311
CHR8	26519496	CHR8:26519496	SSF x Near_LoA	-8,93701186	0,053	0,307
CHR8	26519501	CHR8:26519501	SSF x Near_LoA	-10,9602849	0,033	0,306

CHR8	26519526	CHR8:26519526	SSF x Near_LoA	-9,71694284	-0,089	0,325
CHR8	26519653	CHR8:26519653	SSF x Near_LoA	-8,45171126	0,101	0,305
CHR8	26519660	CHR8:26519660	SSF x Near_LoA	-10,0948478	0,086	0,307
CHR8	26530102	CHR8:26530102	SSF x Near_LoA	-11,2647178	-0,013	0,305
CHR8	26530167	CHR8:26530167	SSF x Near_LoA	-8,20135159	0,081	0,308
CHR8	26530207	CHR8:26530207	SSF x Near_LoA	-11,9570192	0,025	0,305
CHR8	26530337	CHR8:26530337	SSF x Near_LoA	-8,1438916	-0,139	0,307
CHR8	26530373	CHR8:26530373	SSF x Near_LoA	-8,9706331	-0,046	0,296
CHR8	26530403	CHR8:26530403	SSF x Near_LoA	-9,49438623	-0,036	0,288
CHR8	26534899	CHR8:26534899	SSF x Near_LoA	-10,5131937	0,055	0,300
CHR8	2653925	CHR8:2653925	SSF x Near_LoA	-9,96551758	-0,034	0,316
CHR8	26541373	CHR8:26541373	SSF x Near_LoA	-10,2630161	-0,133	0,316
CHR8	26541542	CHR8:26541542	SSF x Near_LoA	-10,698728	0,061	0,306
CHR8	26541564	CHR8:26541564	SSF x Near_LoA	-7,57548037	-0,162	0,300
CHR8	2654160	CHR8:2654160	SSF x Near_LoA	-9,15077468	0,023	0,319
CHR8	2654186	CHR8:2654186	SSF x Near_LoA	-9,36598161	0,022	0,311
CHR8	26544998	CHR8:26544998	SSF x Near_LoA	-10,5913423	0,018	0,310
CHR8	26563331	CHR8:26563331	SSF x Near_LoA	-11,0248943	-0,066	0,316
CHR8	26565455	CHR8:26565455	SSF x Near_LoA	-11,1542073	-0,046	0,304
CHR8	26569057	CHR8:26569057	SSF x Near_LoA	-11,1865034	-0,009	0,296
CHR8	26569058	CHR8:26569058	SSF x Near_LoA	-10,2509238	0,012	0,307
CHR8	26575364	CHR8:26575364	SSF x Near_LoA	-11,0504018	-0,103	0,289
CHR8	26577527	CHR8:26577527	SSF x Near_LoA	-8,48802969	-0,058	0,300
CHR8	26577528	CHR8:26577528	SSF x Near_LoA	-9,91139842	0,030	0,310
CHR8	26577577	CHR8:26577577	SSF x Near_LoA	-10,4472799	-0,098	0,302
CHR8	26577589	CHR8:26577589	SSF x Near_LoA	-11,543165	0,005	0,309
CHR8	26577724	CHR8:26577724	SSF x Near_LoA	-9,37248412	-0,135	0,296
CHR8	26582564	CHR8:26582564	SSF x Near_LoA	-10,6519256	0,032	0,293
CHR8	2658264	CHR8:2658264	SSF x Near_LoA	-10,8585912	-0,033	0,303
CHR8	26582854	CHR8:26582854	SSF x Near_LoA	-9,91358873	0,023	0,303
CHR8	26634830	CHR8:26634830	SSF x Near_LoA	-8,8869699	-0,062	0,318
CHR8	26641944	CHR8:26641944	SSF x Near_LoA	-11,0014047	-0,006	0,314
CHR8	26645352	CHR8:26645352	SSF x Near_LoA	-10,3496066	0,065	0,301
CHR8	26645370	CHR8:26645370	SSF x Near_LoA	-5,99490226	0,108	0,301
CHR8	26645502	CHR8:26645502	SSF x Near_LoA	-10,9065581	0,015	0,309
CHR8	26654782	CHR8:26654782	SSF x Near_LoA	-4,29001294	-0,216	0,284
CHR8	26655510	CHR8:26655510	SSF x Near_LoA	-9,33458466	-0,011	0,302
CHR8	26655512	CHR8:26655512	SSF x Near_LoA	-7,90698166	-0,003	0,320
CHR8	26655540	CHR8:26655540	SSF x Near_LoA	-9,56173273	0,034	0,313
CHR8	26656493	CHR8:26656493	SSF x Near_LoA	-8,61160908	-0,029	0,297
CHR8	26656496	CHR8:26656496	SSF x Near_LoA	-8,12265343	-0,059	0,307
CHR8	26663070	CHR8:26663070	SSF x Near_LoA	-4,97403384	-0,069	0,317
CHR8	26663087	CHR8:26663087	SSF x Near_LoA	-8,10472931	0,005	0,307
CHR8	26663115	CHR8:26663115	SSF x Near_LoA	-10,6524434	-0,039	0,311
CHR8	26663146	CHR8:26663146	SSF x Near_LoA	-7,6573849	0,003	0,301
CHR8	26675606	CHR8:26675606	SSF x Near_LoA	-11,0734137	0,013	0,294
CHR8	26675880	CHR8:26675880	SSF x Near_LoA	-6,02608855	0,100	0,307
CHR8	26677567	CHR8:26677567	SSF x Near_LoA	-7,47684715	-0,145	0,302
CHR8	26677586	CHR8:26677586	SSF x Near_LoA	-8,63838763	-0,020	0,307
CHR8	26677637	CHR8:26677637	SSF x Near_LoA	-8,34896668	-0,126	0,315
CHR8	26677720	CHR8:26677720	SSF x Near_LoA	-5,2440995	0,108	0,291
CHR8	26684154	CHR8:26684154	SSF x Near_LoA	-7,93942997	-0,057	0,321
CHR8	26684390	CHR8:26684390	SSF x Near_LoA	-10,8637925	-0,003	0,309

CHR8	26692203	CHR8:26692203	SSF x Near_LoA	-9,11291083	-0,039	0,309
CHR8	26692257	CHR8:26692257	SSF x Near_LoA	-6,15662522	-0,059	0,318
CHR8	26692261	CHR8:26692261	SSF x Near_LoA	-6,28125296	-0,070	0,309
CHR8	26692973	CHR8:26692973	SSF x Near_LoA	-8,94969961	-0,016	0,303
CHR8	26694781	CHR8:26694781	SSF x Near_LoA	-9,06796016	0,050	0,292
CHR8	26694787	CHR8:26694787	SSF x Near_LoA	-4,18701298	0,090	0,311
CHR8	26694798	CHR8:26694798	SSF x Near_LoA	-8,39200067	0,030	0,303
CHR8	26698409	CHR8:26698409	SSF x Near_LoA	-10,2678051	-0,075	0,302
CHR8	26709301	CHR8:26709301	SSF x Near_LoA	-7,38490652	0,069	0,305
CHR8	26709305	CHR8:26709305	SSF x Near_LoA	-11,8624273	0,060	0,298
CHR8	26709321	CHR8:26709321	SSF x Near_LoA	-11,2780591	0,055	0,307
CHR8	26709324	CHR8:26709324	SSF x Near_LoA	-10,7793901	0,046	0,302
CHR8	26709325	CHR8:26709325	SSF x Near_LoA	-10,9099777	-0,026	0,304
CHR8	26709344	CHR8:26709344	SSF x Near_LoA	-8,630871	-0,086	0,306
CHR8	26709408	CHR8:26709408	SSF x Near_LoA	-8,22114449	-0,006	0,308
CHR8	26709424	CHR8:26709424	SSF x Near_LoA	-8,28135469	-0,006	0,308
CHR8	26715324	CHR8:26715324	SSF x Near_LoA	-11,1517273	0,092	0,299
CHR8	26720141	CHR8:26720141	SSF x Near_LoA	-9,10342429	-0,086	0,294
CHR8	26720197	CHR8:26720197	SSF x Near_LoA	-8,51744594	-0,005	0,313
CHR8	26729619	CHR8:26729619	SSF x Near_LoA	-11,0540409	-0,023	0,300
CHR8	26729712	CHR8:26729712	SSF x Near_LoA	-10,6659501	-0,037	0,309
CHR8	26729714	CHR8:26729714	SSF x Near_LoA	-10,8311144	-0,053	0,304
CHR8	26729818	CHR8:26729818	SSF x Near_LoA	-9,25226699	0,103	0,307
CHR8	2673734	CHR8:2673734	SSF x Near_LoA	-10,2971315	-0,047	0,314
CHR8	2673743	CHR8:2673743	SSF x Near_LoA	-9,65926521	0,076	0,309
CHR8	2673803	CHR8:2673803	SSF x Near_LoA	-12,2512433	-0,037	0,294
CHR8	2673826	CHR8:2673826	SSF x Near_LoA	-9,71074631	0,097	0,303
CHR8	2673828	CHR8:2673828	SSF x Near_LoA	-7,93280745	0,056	0,297
CHR8	2673945	CHR8:2673945	SSF x Near_LoA	-9,20431889	-0,049	0,314
CHR8	2673972	CHR8:2673972	SSF x Near_LoA	-8,37840737	-0,058	0,314
CHR8	2673984	CHR8:2673984	SSF x Near_LoA	-9,0431237	-0,078	0,289
CHR8	2674005	CHR8:2674005	SSF x Near_LoA	-9,16491139	0,045	0,299
CHR8	2674897	CHR8:2674897	SSF x Near_LoA	-4,42187167	0,179	0,316
CHR8	26750881	CHR8:26750881	SSF x Near_LoA	-9,21079297	0,048	0,300
CHR8	26783193	CHR8:26783193	SSF x Near_LoA	-8,26963957	-0,102	0,315
CHR8	26783249	CHR8:26783249	SSF x Near_LoA	-9,55172183	-0,116	0,311
CHR8	26789405	CHR8:26789405	SSF x Near_LoA	-9,23213021	-0,027	0,316
CHR8	26823029	CHR8:26823029	SSF x Near_LoA	-3,81861801	-0,133	0,320
CHR8	2683525	CHR8:2683525	SSF x Near_LoA	-9,94998208	-0,028	0,283
CHR8	26837588	CHR8:26837588	SSF x Near_LoA	-9,27457528	0,049	0,305
CHR8	2684060	CHR8:2684060	SSF x Near_LoA	-11,7725687	-0,039	0,304
CHR8	2714267	CHR8:2714267	SSF x Near_LoA	-8,98277669	0,060	0,303
CHR8	2714547	CHR8:2714547	SSF x Near_LoA	-11,2335448	0,002	0,316
CHR8	2714580	CHR8:2714580	SSF x Near_LoA	-10,942245	0,087	0,292
CHR8	2718939	CHR8:2718939	SSF x Near_LoA	-7,99154902	-0,152	0,303
CHR8	2719044	CHR8:2719044	SSF x Near_LoA	-9,73129891	-0,096	0,297
CHR8	2722568	CHR8:2722568	SSF x Near_LoA	-10,693794	-0,037	0,282
CHR8	2722611	CHR8:2722611	SSF x Near_LoA	-8,35771346	0,017	0,302
CHR8	2722684	CHR8:2722684	SSF x Near_LoA	-7,29551788	-0,013	0,324
CHR8	2727158	CHR8:2727158	SSF x Near_LoA	-10,0018611	-0,150	0,289
CHR8	2727190	CHR8:2727190	SSF x Near_LoA	-9,59784802	0,027	0,307
CHR8	2727233	CHR8:2727233	SSF x Near_LoA	-10,5599905	0,068	0,303
CHR8	2727315	CHR8:2727315	SSF x Near_LoA	-9,33239643	0,042	0,295

CHR8	2727404	CHR8:2727404	SSF x Near_LoA	-10,6131467	0,047	0,293
CHR8	2748919	CHR8:2748919	SSF x Near_LoA	-9,55003252	0,103	0,306
CHR8	2749092	CHR8:2749092	SSF x Near_LoA	-10,7529837	-0,027	0,304
CHR8	2761292	CHR8:2761292	SSF x Near_LoA	-9,45603586	0,037	0,318
CHR8	2761370	CHR8:2761370	SSF x Near_LoA	-10,6535848	0,069	0,316
CHR8	2763449	CHR8:2763449	SSF x Near_LoA	-12,0238983	-0,024	0,299
CHR8	2763463	CHR8:2763463	SSF x Near_LoA	-10,6568836	0,023	0,313
CHR8	2763677	CHR8:2763677	SSF x Near_LoA	-8,67432771	0,033	0,312
CHR8	2766042	CHR8:2766042	SSF x Near_LoA	-11,112737	-0,019	0,305
CHR8	2766055	CHR8:2766055	SSF x Near_LoA	-5,98273638	0,017	0,320
CHR8	2766082	CHR8:2766082	SSF x Near_LoA	-7,48947828	-0,054	0,319
CHR8	2778935	CHR8:2778935	SSF x Near_LoA	-9,46401655	-0,121	0,304
CHR8	2790395	CHR8:2790395	SSF x Near_LoA	-9,2201885	-0,023	0,315
CHR8	2790437	CHR8:2790437	SSF x Near_LoA	-10,1304083	0,020	0,310
CHR8	2790453	CHR8:2790453	SSF x Near_LoA	-8,6611847	-0,128	0,302
CHR8	2790455	CHR8:2790455	SSF x Near_LoA	-9,47980164	0,082	0,306
CHR8	2791919	CHR8:2791919	SSF x Near_LoA	-7,39625406	0,013	0,313
CHR8	2791977	CHR8:2791977	SSF x Near_LoA	-10,08041	0,102	0,305
CHR8	279372	CHR8:279372	SSF x Near_LoA	-6,34504401	-0,191	0,303
CHR8	279422	CHR8:279422	SSF x Near_LoA	-5,28978389	-0,173	0,309
CHR8	2799563	CHR8:2799563	SSF x Near_LoA	-10,4633361	-0,079	0,298
CHR8	2799586	CHR8:2799586	SSF x Near_LoA	-8,22824597	0,095	0,301
CHR8	2802105	CHR8:2802105	SSF x Near_LoA	-9,50173848	0,017	0,308
CHR8	2802111	CHR8:2802111	SSF x Near_LoA	-11,8970284	0,075	0,307
CHR8	2816057	CHR8:2816057	SSF x Near_LoA	-11,4564715	0,031	0,304
CHR8	2816273	CHR8:2816273	SSF x Near_LoA	-10,8736009	-0,089	0,301
CHR8	2816360	CHR8:2816360	SSF x Near_LoA	-11,5924532	0,029	0,302
CHR8	2816361	CHR8:2816361	SSF x Near_LoA	-4,46664811	0,018	0,310
CHR8	2821198	CHR8:2821198	SSF x Near_LoA	-9,61652049	0,145	0,289
CHR8	2821207	CHR8:2821207	SSF x Near_LoA	-9,14463572	0,089	0,312
CHR8	2821208	CHR8:2821208	SSF x Near_LoA	-7,11588448	0,043	0,302
CHR8	2821264	CHR8:2821264	SSF x Near_LoA	-8,12154622	0,102	0,305
CHR8	2821357	CHR8:2821357	SSF x Near_LoA	-7,84756699	0,221	0,298
CHR8	2821441	CHR8:2821441	SSF x Near_LoA	-8,7977222	0,081	0,319
CHR8	2821517	CHR8:2821517	SSF x Near_LoA	-5,42656524	-0,061	0,317
CHR8	2821521	CHR8:2821521	SSF x Near_LoA	-4,36147594	0,163	0,299
CHR8	283083	CHR8:283083	SSF x Near_LoA	-4,9887087	-0,028	0,321
CHR8	2830955	CHR8:2830955	SSF x Near_LoA	-9,10974314	0,058	0,318
CHR8	283152	CHR8:283152	SSF x Near_LoA	-9,46820223	-0,022	0,282
CHR8	2834417	CHR8:2834417	SSF x Near_LoA	-7,44941939	-0,078	0,316
CHR8	2834445	CHR8:2834445	SSF x Near_LoA	-8,28296698	0,069	0,294
CHR8	2834588	CHR8:2834588	SSF x Near_LoA	-10,2262246	0,020	0,299
CHR8	2839653	CHR8:2839653	SSF x Near_LoA	-11,3404445	-0,015	0,300
CHR8	2839810	CHR8:2839810	SSF x Near_LoA	3,3110762	0,003	0,293
CHR8	2847977	CHR8:2847977	SSF x Near_LoA	-2,03986327	-0,116	0,319
CHR8	2848025	CHR8:2848025	SSF x Near_LoA	-6,14915222	-0,096	0,312
CHR8	2850092	CHR8:2850092	SSF x Near_LoA	-9,91877557	0,040	0,308
CHR8	2853122	CHR8:2853122	SSF x Near_LoA	-10,6991917	-0,065	0,312
CHR8	2853341	CHR8:2853341	SSF x Near_LoA	-10,7624222	0,086	0,319
CHR8	2866337	CHR8:2866337	SSF x Near_LoA	-7,10339505	-0,217	0,294
CHR8	2868465	CHR8:2868465	SSF x Near_LoA	-9,67150948	-0,044	0,313
CHR8	2868484	CHR8:2868484	SSF x Near_LoA	-10,4851739	-0,003	0,312
CHR8	2868497	CHR8:2868497	SSF x Near_LoA	-8,22711472	-0,024	0,308

CHR8	2872252	CHR8:2872252	SSF x Near_LoA	-11,0811221	0,058	0,305
CHR8	2872441	CHR8:2872441	SSF x Near_LoA	-5,22857569	0,092	0,308
CHR8	2875764	CHR8:2875764	SSF x Near_LoA	-8,47600548	-0,086	0,308
CHR8	2875889	CHR8:2875889	SSF x Near_LoA	-10,0042211	-0,053	0,310
CHR8	2875927	CHR8:2875927	SSF x Near_LoA	-11,0751242	-0,015	0,309
CHR8	2875934	CHR8:2875934	SSF x Near_LoA	-9,21793517	-0,044	0,309
CHR8	2880605	CHR8:2880605	SSF x Near_LoA	-8,99311395	0,022	0,307
CHR8	2880617	CHR8:2880617	SSF x Near_LoA	-9,9580238	-0,033	0,302
CHR8	2880629	CHR8:2880629	SSF x Near_LoA	-8,78711803	0,009	0,310
CHR8	2880662	CHR8:2880662	SSF x Near_LoA	-8,46246621	0,029	0,304
CHR8	288122	CHR8:288122	SSF x Near_LoA	-8,02623499	-0,073	0,317
CHR8	2883208	CHR8:2883208	SSF x Near_LoA	-9,28482691	0,180	0,305
CHR8	2883218	CHR8:2883218	SSF x Near_LoA	-8,80378359	0,090	0,309
CHR8	2883221	CHR8:2883221	SSF x Near_LoA	-8,49233874	-0,014	0,301
CHR8	2883223	CHR8:2883223	SSF x Near_LoA	-11,3928618	0,005	0,305
CHR8	2883234	CHR8:2883234	SSF x Near_LoA	-10,9900137	-0,010	0,305
CHR8	2883250	CHR8:2883250	SSF x Near_LoA	-8,64312899	0,112	0,291
CHR8	2883251	CHR8:2883251	SSF x Near_LoA	-7,30287268	0,114	0,289
CHR8	2883252	CHR8:2883252	SSF x Near_LoA	-7,95491248	0,102	0,281
CHR8	2883260	CHR8:2883260	SSF x Near_LoA	-11,5285833	-0,001	0,310
CHR8	2883389	CHR8:2883389	SSF x Near_LoA	-11,3128483	-0,003	0,319
CHR8	2889210	CHR8:2889210	SSF x Near_LoA	-7,45949357	0,150	0,302
CHR8	2889257	CHR8:2889257	SSF x Near_LoA	-9,9149715	-0,011	0,316
CHR8	2889298	CHR8:2889298	SSF x Near_LoA	-9,29114015	-0,040	0,304
CHR8	2889305	CHR8:2889305	SSF x Near_LoA	-8,37194754	-0,031	0,311
CHR8	2893724	CHR8:2893724	SSF x Near_LoA	-8,16639733	0,151	0,309
CHR8	2899115	CHR8:2899115	SSF x Near_LoA	-9,91663692	-0,086	0,294
CHR8	2899130	CHR8:2899130	SSF x Near_LoA	-11,0601405	-0,045	0,304
CHR8	2899206	CHR8:2899206	SSF x Near_LoA	-10,2532589	0,030	0,316
CHR8	2899427	CHR8:2899427	SSF x Near_LoA	-7,30987456	0,104	0,318
CHR8	2899445	CHR8:2899445	SSF x Near_LoA	3,72850995	-0,052	0,312
CHR8	2909060	CHR8:2909060	SSF x Near_LoA	-10,8095954	0,044	0,291
CHR8	2913434	CHR8:2913434	SSF x Near_LoA	-8,2995378	0,017	0,312
CHR8	2913439	CHR8:2913439	SSF x Near_LoA	-9,63201061	-0,010	0,306
CHR8	2913497	CHR8:2913497	SSF x Near_LoA	-8,64863506	0,057	0,300
CHR8	2913579	CHR8:2913579	SSF x Near_LoA	-9,21224432	-0,022	0,286
CHR8	2913629	CHR8:2913629	SSF x Near_LoA	-9,45762634	0,063	0,299
CHR8	2917898	CHR8:2917898	SSF x Near_LoA	-9,48366659	0,098	0,306
CHR8	2917923	CHR8:2917923	SSF x Near_LoA	-9,89260755	0,046	0,324
CHR8	2918544	CHR8:2918544	SSF x Near_LoA	-12,6958483	0,011	0,287
CHR8	2920284	CHR8:2920284	SSF x Near_LoA	-8,6016951	0,057	0,305
CHR8	2922987	CHR8:2922987	SSF x Near_LoA	-11,8382203	-0,070	0,309
CHR8	2922988	CHR8:2922988	SSF x Near_LoA	-9,88560912	-0,073	0,307
CHR8	2922990	CHR8:2922990	SSF x Near_LoA	-9,11340796	-0,069	0,310
CHR8	2923029	CHR8:2923029	SSF x Near_LoA	-9,43221854	-0,081	0,306
CHR8	2928810	CHR8:2928810	SSF x Near_LoA	-9,33545031	0,047	0,306
CHR8	2928852	CHR8:2928852	SSF x Near_LoA	-8,36745201	-0,112	0,303
CHR8	2928907	CHR8:2928907	SSF x Near_LoA	-9,37851318	-0,017	0,302
CHR8	293162	CHR8:293162	SSF x Near_LoA	-11,2514009	-0,042	0,319
CHR8	2935924	CHR8:2935924	SSF x Near_LoA	-8,06089837	0,188	0,308
CHR8	2935953	CHR8:2935953	SSF x Near_LoA	-8,96921219	-0,019	0,308
CHR8	2947112	CHR8:2947112	SSF x Near_LoA	-9,51442235	0,089	0,304
CHR8	295248	CHR8:295248	SSF x Near_LoA	-9,04134965	0,037	0,299

CHR8	295257	CHR8:295257	SSF x Near_LoA	-6,47517582	-0,118	0,325
CHR8	2954843	CHR8:2954843	SSF x Near_LoA	-8,44584758	-0,050	0,322
CHR8	2957290	CHR8:2957290	SSF x Near_LoA	-12,1051802	-0,029	0,300
CHR8	2957330	CHR8:2957330	SSF x Near_LoA	-8,71848534	-0,092	0,307
CHR8	2957451	CHR8:2957451	SSF x Near_LoA	-10,6008768	-0,160	0,302
CHR8	2972873	CHR8:2972873	SSF x Near_LoA	-12,282073	0,018	0,294
CHR8	2973013	CHR8:2973013	SSF x Near_LoA	-10,4292107	-0,076	0,288
CHR8	2975299	CHR8:2975299	SSF x Near_LoA	-8,14625227	0,072	0,313
CHR8	2978564	CHR8:2978564	SSF x Near_LoA	-7,04515823	0,246	0,290
CHR8	2978657	CHR8:2978657	SSF x Near_LoA	-2,03031685	0,158	0,306
CHR8	2978697	CHR8:2978697	SSF x Near_LoA	-7,28776721	-0,133	0,304
CHR8	2988222	CHR8:2988222	SSF x Near_LoA	-11,262883	0,051	0,289
CHR8	2988310	CHR8:2988310	SSF x Near_LoA	-9,63549248	-0,054	0,315
CHR8	2988362	CHR8:2988362	SSF x Near_LoA	-7,72703813	-0,018	0,299
CHR8	2988475	CHR8:2988475	SSF x Near_LoA	-8,80026801	-0,032	0,303
CHR8	2990435	CHR8:2990435	SSF x Near_LoA	-8,95734681	0,078	0,315
CHR8	3007206	CHR8:3007206	SSF x Near_LoA	-10,5266505	0,006	0,315
CHR8	3007228	CHR8:3007228	SSF x Near_LoA	-8,24161926	0,041	0,298
CHR8	3007381	CHR8:3007381	SSF x Near_LoA	-8,79947074	0,035	0,303
CHR8	3007383	CHR8:3007383	SSF x Near_LoA	-9,06289779	0,022	0,291
CHR8	3007457	CHR8:3007457	SSF x Near_LoA	-11,062642	0,034	0,309
CHR8	3011194	CHR8:3011194	SSF x Near_LoA	-9,61844155	0,185	0,291
CHR8	3011253	CHR8:3011253	SSF x Near_LoA	-8,78682223	0,062	0,308
CHR8	3011293	CHR8:3011293	SSF x Near_LoA	-6,85255123	-0,111	0,316
CHR8	3011318	CHR8:3011318	SSF x Near_LoA	-10,6384864	0,028	0,304
CHR8	3011340	CHR8:3011340	SSF x Near_LoA	-4,81772399	-0,229	0,298
CHR8	3011374	CHR8:3011374	SSF x Near_LoA	-8,09846383	0,094	0,292
CHR8	3011435	CHR8:3011435	SSF x Near_LoA	-11,5989144	-0,033	0,309
CHR8	3034494	CHR8:3034494	SSF x Near_LoA	-8,87446305	-0,013	0,307
CHR8	3034660	CHR8:3034660	SSF x Near_LoA	-6,0880454	-0,074	0,304
CHR8	3034765	CHR8:3034765	SSF x Near_LoA	-7,51793283	0,091	0,313
CHR8	3043505	CHR8:3043505	SSF x Near_LoA	-6,46938632	-0,065	0,311
CHR8	3043613	CHR8:3043613	SSF x Near_LoA	-4,06021863	0,053	0,315
CHR8	3059696	CHR8:3059696	SSF x Near_LoA	-8,84341187	-0,074	0,302
CHR8	3059697	CHR8:3059697	SSF x Near_LoA	-9,73537502	0,005	0,301
CHR8	3059706	CHR8:3059706	SSF x Near_LoA	-11,0998788	0,049	0,307
CHR8	3060008	CHR8:3060008	SSF x Near_LoA	-11,2210623	0,054	0,302
CHR8	3060009	CHR8:3060009	SSF x Near_LoA	-7,57234145	0,036	0,306
CHR8	3084216	CHR8:3084216	SSF x Near_LoA	-9,34314671	-0,022	0,302
CHR8	3084279	CHR8:3084279	SSF x Near_LoA	-8,93956984	-0,042	0,304
CHR8	3091197	CHR8:3091197	SSF x Near_LoA	-8,55879318	-0,050	0,313
CHR8	3091200	CHR8:3091200	SSF x Near_LoA	-7,28841878	-0,016	0,310
CHR8	3091222	CHR8:3091222	SSF x Near_LoA	-8,87203299	-0,061	0,300
CHR8	3100654	CHR8:3100654	SSF x Near_LoA	-9,0192557	0,057	0,301
CHR8	3100678	CHR8:3100678	SSF x Near_LoA	-8,05917436	0,109	0,292
CHR8	3100680	CHR8:3100680	SSF x Near_LoA	-5,26682687	-0,057	0,299
CHR8	3100837	CHR8:3100837	SSF x Near_LoA	-10,270559	0,012	0,309
CHR8	310876	CHR8:310876	SSF x Near_LoA	-6,97626569	0,008	0,314
CHR8	310877	CHR8:310877	SSF x Near_LoA	-8,52455413	-0,016	0,310
CHR8	310901	CHR8:310901	SSF x Near_LoA	-6,78862054	-0,155	0,292
CHR8	310932	CHR8:310932	SSF x Near_LoA	-9,64635303	0,014	0,304
CHR8	310935	CHR8:310935	SSF x Near_LoA	-11,0819904	0,012	0,292
CHR8	310940	CHR8:310940	SSF x Near_LoA	-10,8125852	0,003	0,283

CHR8	310978	CHR8:310978	SSF x Near_LoA	-8,36196132	0,057	0,302
CHR8	3112819	CHR8:3112819	SSF x Near_LoA	-8,93741029	0,193	0,294
CHR8	3112891	CHR8:3112891	SSF x Near_LoA	-11,4928519	-0,010	0,306
CHR8	3112899	CHR8:3112899	SSF x Near_LoA	-9,66116159	-0,067	0,325
CHR8	3126045	CHR8:3126045	SSF x Near_LoA	-8,32495339	0,018	0,327
CHR8	3127146	CHR8:3127146	SSF x Near_LoA	-8,39460406	0,020	0,305
CHR8	3127244	CHR8:3127244	SSF x Near_LoA	-8,16186134	-0,082	0,309
CHR8	313119	CHR8:313119	SSF x Near_LoA	-8,97393368	-0,047	0,306
CHR8	3135380	CHR8:3135380	SSF x Near_LoA	-10,0105862	-0,052	0,298
CHR8	3135425	CHR8:3135425	SSF x Near_LoA	-8,41441382	-0,065	0,319
CHR8	3135438	CHR8:3135438	SSF x Near_LoA	-9,77007343	-0,095	0,300
CHR8	3135454	CHR8:3135454	SSF x Near_LoA	-5,04989969	0,048	0,306
CHR8	3145329	CHR8:3145329	SSF x Near_LoA	-4,21832727	0,025	0,306
CHR8	3145333	CHR8:3145333	SSF x Near_LoA	-2,65857046	-0,185	0,299
CHR8	3145380	CHR8:3145380	SSF x Near_LoA	-3,62979111	-0,074	0,316
CHR8	3145410	CHR8:3145410	SSF x Near_LoA	-7,80959003	-0,048	0,315
CHR8	3145431	CHR8:3145431	SSF x Near_LoA	-8,23453825	-0,029	0,301
CHR8	3145467	CHR8:3145467	SSF x Near_LoA	-8,34511624	-0,051	0,323
CHR8	3149500	CHR8:3149500	SSF x Near_LoA	-7,55290404	-0,142	0,308
CHR8	3153832	CHR8:3153832	SSF x Near_LoA	-11,9970267	0,005	0,296
CHR8	3153873	CHR8:3153873	SSF x Near_LoA	-10,1561301	-0,027	0,317
CHR8	3158159	CHR8:3158159	SSF x Near_LoA	-8,77801079	-0,079	0,318
CHR8	3158164	CHR8:3158164	SSF x Near_LoA	-10,679915	-0,023	0,310
CHR8	3158188	CHR8:3158188	SSF x Near_LoA	-9,7743395	-0,068	0,305
CHR8	3162581	CHR8:3162581	SSF x Near_LoA	-10,6633149	0,016	0,301
CHR8	3162677	CHR8:3162677	SSF x Near_LoA	-10,4675035	-0,025	0,309
CHR8	3162691	CHR8:3162691	SSF x Near_LoA	-11,6993891	0,015	0,299
CHR8	3162733	CHR8:3162733	SSF x Near_LoA	-9,19045598	0,058	0,292
CHR8	3162753	CHR8:3162753	SSF x Near_LoA	-8,7497009	0,027	0,301
CHR8	3176972	CHR8:3176972	SSF x Near_LoA	-10,1265847	0,045	0,296
CHR8	3177056	CHR8:3177056	SSF x Near_LoA	-9,25776746	-0,024	0,293
CHR8	318302	CHR8:318302	SSF x Near_LoA	-9,58112841	0,045	0,309
CHR8	3184872	CHR8:3184872	SSF x Near_LoA	-9,60821976	0,071	0,304
CHR8	3193646	CHR8:3193646	SSF x Near_LoA	-11,4282601	-0,075	0,305
CHR8	3193676	CHR8:3193676	SSF x Near_LoA	-10,0240235	0,110	0,303
CHR8	3199031	CHR8:3199031	SSF x Near_LoA	-3,29451394	0,043	0,307
CHR8	3199048	CHR8:3199048	SSF x Near_LoA	-8,72173265	0,038	0,308
CHR8	3207094	CHR8:3207094	SSF x Near_LoA	-3,87384904	-0,030	0,309
CHR8	3207096	CHR8:3207096	SSF x Near_LoA	-9,59364334	-0,021	0,303
CHR8	321308	CHR8:321308	SSF x Near_LoA	-9,34660947	-0,033	0,312
CHR8	3213660	CHR8:3213660	SSF x Near_LoA	-9,59663949	0,049	0,304
CHR8	3213721	CHR8:3213721	SSF x Near_LoA	-10,3446344	0,030	0,302
CHR8	3213763	CHR8:3213763	SSF x Near_LoA	-11,1215791	0,002	0,310
CHR8	3213779	CHR8:3213779	SSF x Near_LoA	-7,53924258	-0,049	0,311
CHR8	3213793	CHR8:3213793	SSF x Near_LoA	-8,53683394	-0,033	0,306
CHR8	3213815	CHR8:3213815	SSF x Near_LoA	-6,07097296	-0,047	0,293
CHR8	3213849	CHR8:3213849	SSF x Near_LoA	-9,7733905	-0,035	0,310
CHR8	321393	CHR8:321393	SSF x Near_LoA	-8,85387879	0,077	0,301
CHR8	3223690	CHR8:3223690	SSF x Near_LoA	-11,779234	0,010	0,315
CHR8	3223717	CHR8:3223717	SSF x Near_LoA	-7,56843729	0,022	0,317
CHR8	3225920	CHR8:3225920	SSF x Near_LoA	-6,03780786	-0,021	0,302
CHR8	3225926	CHR8:3225926	SSF x Near_LoA	-9,57170867	-0,037	0,300
CHR8	3226098	CHR8:3226098	SSF x Near_LoA	-10,0239498	0,050	0,308

CHR8	3226118	CHR8:3226118	SSF x Near_LoA	-8,68373447	0,053	0,301
CHR8	3226123	CHR8:3226123	SSF x Near_LoA	-6,87315323	0,097	0,310
CHR8	3226172	CHR8:3226172	SSF x Near_LoA	-8,16026655	0,137	0,296
CHR8	3227615	CHR8:3227615	SSF x Near_LoA	-9,23426551	0,096	0,311
CHR8	3242386	CHR8:3242386	SSF x Near_LoA	1,83533869	-0,089	0,295
CHR8	3242413	CHR8:3242413	SSF x Near_LoA	-4,0534529	-0,122	0,298
CHR8	3242423	CHR8:3242423	SSF x Near_LoA	-10,304708	-0,061	0,310
CHR8	3243215	CHR8:3243215	SSF x Near_LoA	-11,6457292	0,024	0,309
CHR8	3243243	CHR8:3243243	SSF x Near_LoA	-10,4434415	0,036	0,307
CHR8	3249297	CHR8:3249297	SSF x Near_LoA	-5,57033867	0,199	0,296
CHR8	326034	CHR8:326034	SSF x Near_LoA	-8,20277828	-0,144	0,304
CHR8	326099	CHR8:326099	SSF x Near_LoA	-8,39926609	-0,098	0,318
CHR8	3261718	CHR8:3261718	SSF x Near_LoA	-6,19683362	-0,050	0,304
CHR8	3261789	CHR8:3261789	SSF x Near_LoA	-11,2815021	0,065	0,314
CHR8	3261871	CHR8:3261871	SSF x Near_LoA	-9,60532841	0,049	0,310
CHR8	3261881	CHR8:3261881	SSF x Near_LoA	-8,89634131	0,138	0,286
CHR8	326192	CHR8:326192	SSF x Near_LoA	-9,3819773	0,018	0,311
CHR8	3263214	CHR8:3263214	SSF x Near_LoA	-10,1097202	0,012	0,307
CHR8	3274660	CHR8:3274660	SSF x Near_LoA	-9,83501228	0,101	0,294
CHR8	3274697	CHR8:3274697	SSF x Near_LoA	-10,9628331	0,028	0,310
CHR8	3274778	CHR8:3274778	SSF x Near_LoA	-7,95893219	0,024	0,316
CHR8	3277201	CHR8:3277201	SSF x Near_LoA	-11,3737698	0,037	0,312
CHR8	3284607	CHR8:3284607	SSF x Near_LoA	-10,4559456	0,042	0,301
CHR8	3284619	CHR8:3284619	SSF x Near_LoA	-8,33238792	0,070	0,305
CHR8	3284649	CHR8:3284649	SSF x Near_LoA	-8,18296734	-0,159	0,287
CHR8	3284661	CHR8:3284661	SSF x Near_LoA	-8,71369298	-0,010	0,308
CHR8	3284677	CHR8:3284677	SSF x Near_LoA	-4,77361714	-0,130	0,316
CHR8	3284715	CHR8:3284715	SSF x Near_LoA	-8,54998483	0,004	0,304
CHR8	3284719	CHR8:3284719	SSF x Near_LoA	-8,66228786	-0,013	0,311
CHR8	3284786	CHR8:3284786	SSF x Near_LoA	-8,82112815	-0,013	0,310
CHR8	3284841	CHR8:3284841	SSF x Near_LoA	-5,11090304	-0,058	0,309
CHR8	3284861	CHR8:3284861	SSF x Near_LoA	-10,2533419	0,079	0,296
CHR8	328692	CHR8:328692	SSF x Near_LoA	-9,24994046	-0,092	0,319
CHR8	328854	CHR8:328854	SSF x Near_LoA	-9,95943781	0,106	0,309
CHR8	3290874	CHR8:3290874	SSF x Near_LoA	-10,1976751	0,094	0,321
CHR8	3290921	CHR8:3290921	SSF x Near_LoA	-8,28907522	0,083	0,307
CHR8	3290952	CHR8:3290952	SSF x Near_LoA	-7,91722849	-0,065	0,296
CHR8	3290963	CHR8:3290963	SSF x Near_LoA	-8,87646767	-0,069	0,310
CHR8	3290988	CHR8:3290988	SSF x Near_LoA	-8,09400073	0,020	0,306
CHR8	3291008	CHR8:3291008	SSF x Near_LoA	-9,12337652	0,095	0,302
CHR8	3291011	CHR8:3291011	SSF x Near_LoA	-10,9934902	-0,076	0,306
CHR8	3291021	CHR8:3291021	SSF x Near_LoA	-7,42144446	0,098	0,311
CHR8	32996	CHR8:32996	SSF x Near_LoA	-6,58762236	0,096	0,288
CHR8	3304546	CHR8:3304546	SSF x Near_LoA	-7,35177602	0,011	0,309
CHR8	3304763	CHR8:3304763	SSF x Near_LoA	-9,2433874	-0,007	0,304
CHR8	3307308	CHR8:3307308	SSF x Near_LoA	-10,6711298	0,014	0,312
CHR8	3307409	CHR8:3307409	SSF x Near_LoA	-11,1839416	-0,022	0,312
CHR8	3327335	CHR8:3327335	SSF x Near_LoA	-10,1765459	0,059	0,302
CHR8	3327406	CHR8:3327406	SSF x Near_LoA	-9,12514679	-0,020	0,308
CHR8	3327440	CHR8:3327440	SSF x Near_LoA	-8,59615099	0,079	0,298
CHR8	3327452	CHR8:3327452	SSF x Near_LoA	-6,14012611	0,100	0,284
CHR8	3334644	CHR8:3334644	SSF x Near_LoA	-9,18234107	-0,117	0,309
CHR8	3334681	CHR8:3334681	SSF x Near_LoA	-9,1728371	-0,072	0,308

CHR8	3334724	CHR8:3334724	SSF x Near_LoA	-7,87166584	-0,045	0,320
CHR8	3334767	CHR8:3334767	SSF x Near_LoA	-7,02125369	0,071	0,311
CHR8	3334768	CHR8:3334768	SSF x Near_LoA	-7,83547817	0,027	0,308
CHR8	3334848	CHR8:3334848	SSF x Near_LoA	-11,0465417	-0,027	0,309
CHR8	335072	CHR8:335072	SSF x Near_LoA	-7,20400817	-0,014	0,290
CHR8	3350999	CHR8:3350999	SSF x Near_LoA	-7,9110132	-0,123	0,312
CHR8	3351001	CHR8:3351001	SSF x Near_LoA	-10,2041055	-0,105	0,326
CHR8	3351776	CHR8:3351776	SSF x Near_LoA	-10,2185346	0,047	0,309
CHR8	3353237	CHR8:3353237	SSF x Near_LoA	-9,33223317	-0,042	0,304
CHR8	3355333	CHR8:3355333	SSF x Near_LoA	-9,56145032	-0,108	0,309
CHR8	3355398	CHR8:3355398	SSF x Near_LoA	-10,8074663	0,006	0,305
CHR8	3362555	CHR8:3362555	SSF x Near_LoA	-9,42854711	-0,044	0,300
CHR8	3366925	CHR8:3366925	SSF x Near_LoA	-10,8929347	0,007	0,303
CHR8	3385432	CHR8:3385432	SSF x Near_LoA	-10,6539303	-0,085	0,301
CHR8	3385487	CHR8:3385487	SSF x Near_LoA	-8,78728704	-0,032	0,312
CHR8	3385531	CHR8:3385531	SSF x Near_LoA	-8,85320187	-0,060	0,304
CHR8	3385612	CHR8:3385612	SSF x Near_LoA	-10,9556456	-0,029	0,314
CHR8	3399278	CHR8:3399278	SSF x Near_LoA	-11,2235174	-0,005	0,306
CHR8	3399444	CHR8:3399444	SSF x Near_LoA	-10,8168734	0,041	0,310
CHR8	3405279	CHR8:3405279	SSF x Near_LoA	-7,86576081	0,168	0,299
CHR8	3405340	CHR8:3405340	SSF x Near_LoA	-10,6999667	-0,074	0,313
CHR8	3405760	CHR8:3405760	SSF x Near_LoA	-9,66511052	-0,097	0,315
CHR8	3405793	CHR8:3405793	SSF x Near_LoA	-9,56888583	0,045	0,316
CHR8	3425288	CHR8:3425288	SSF x Near_LoA	-9,89349552	0,118	0,312
CHR8	3425453	CHR8:3425453	SSF x Near_LoA	-9,73012981	-0,109	0,310
CHR8	3436232	CHR8:3436232	SSF x Near_LoA	-12,1666368	0,015	0,297
CHR8	3436327	CHR8:3436327	SSF x Near_LoA	-9,13640909	-0,083	0,309
CHR8	3436347	CHR8:3436347	SSF x Near_LoA	-7,73098439	-0,108	0,300
CHR8	3436367	CHR8:3436367	SSF x Near_LoA	-9,37565886	-0,149	0,301
CHR8	3445766	CHR8:3445766	SSF x Near_LoA	-10,5980116	-0,015	0,319
CHR8	3445910	CHR8:3445910	SSF x Near_LoA	-11,0941662	-0,032	0,308
CHR8	3447711	CHR8:3447711	SSF x Near_LoA	-10,043107	-0,042	0,317
CHR8	3447869	CHR8:3447869	SSF x Near_LoA	-5,69799004	-0,102	0,299
CHR8	3454789	CHR8:3454789	SSF x Near_LoA	-8,85703368	-0,032	0,306
CHR8	3454882	CHR8:3454882	SSF x Near_LoA	-8,48200882	-0,016	0,306
CHR8	3462506	CHR8:3462506	SSF x Near_LoA	-10,4985852	-0,030	0,303
CHR8	3462552	CHR8:3462552	SSF x Near_LoA	-8,37037147	0,146	0,304
CHR8	3462564	CHR8:3462564	SSF x Near_LoA	-11,0529236	-0,001	0,302
CHR8	3462581	CHR8:3462581	SSF x Near_LoA	-9,90720241	0,002	0,314
CHR8	3465763	CHR8:3465763	SSF x Near_LoA	-9,12050444	0,018	0,314
CHR8	3465781	CHR8:3465781	SSF x Near_LoA	-7,89834848	-0,059	0,307
CHR8	3465900	CHR8:3465900	SSF x Near_LoA	-7,97553539	0,130	0,289
CHR8	3465937	CHR8:3465937	SSF x Near_LoA	-11,6970047	0,038	0,301
CHR8	3465953	CHR8:3465953	SSF x Near_LoA	-10,6282053	-0,013	0,287
CHR8	3465965	CHR8:3465965	SSF x Near_LoA	-10,582455	0,064	0,304
CHR8	3477354	CHR8:3477354	SSF x Near_LoA	-11,3232108	0,018	0,319
CHR8	3477364	CHR8:3477364	SSF x Near_LoA	-8,18400138	0,049	0,318
CHR8	3477370	CHR8:3477370	SSF x Near_LoA	-9,09257959	0,055	0,292
CHR8	3484291	CHR8:3484291	SSF x Near_LoA	-10,4395338	-0,072	0,301
CHR8	3490910	CHR8:3490910	SSF x Near_LoA	-9,87300024	-0,072	0,292
CHR8	3490913	CHR8:3490913	SSF x Near_LoA	-9,46416593	-0,013	0,303
CHR8	3490921	CHR8:3490921	SSF x Near_LoA	-7,24775998	0,066	0,308
CHR8	3490937	CHR8:3490937	SSF x Near_LoA	-9,77455299	0,045	0,299

CHR8	3490978	CHR8:3490978	SSF x Near_LoA	-10,6883762	0,055	0,298
CHR8	3491036	CHR8:3491036	SSF x Near_LoA	-8,67699205	0,017	0,315
CHR8	3491137	CHR8:3491137	SSF x Near_LoA	-10,5728572	-0,133	0,300
CHR8	3513141	CHR8:3513141	SSF x Near_LoA	-8,9656614	0,056	0,308
CHR8	3513159	CHR8:3513159	SSF x Near_LoA	-9,12219534	0,005	0,321
CHR8	3513168	CHR8:3513168	SSF x Near_LoA	-7,00826808	0,074	0,295
CHR8	3513181	CHR8:3513181	SSF x Near_LoA	-8,07974344	-0,063	0,317
CHR8	3513189	CHR8:3513189	SSF x Near_LoA	-10,7828154	0,058	0,294
CHR8	3547207	CHR8:3547207	SSF x Near_LoA	-9,83140685	-0,116	0,292
CHR8	3557513	CHR8:3557513	SSF x Near_LoA	-9,86541249	0,051	0,292
CHR8	3558435	CHR8:3558435	SSF x Near_LoA	-10,4849718	-0,072	0,310
CHR8	3560393	CHR8:3560393	SSF x Near_LoA	-10,11048	0,084	0,298
CHR8	3560394	CHR8:3560394	SSF x Near_LoA	-9,02078768	-0,166	0,295
CHR8	3560497	CHR8:3560497	SSF x Near_LoA	-10,1300743	0,127	0,314
CHR8	3560510	CHR8:3560510	SSF x Near_LoA	-9,51925325	0,023	0,298
CHR8	3560518	CHR8:3560518	SSF x Near_LoA	-8,84491482	-0,019	0,315
CHR8	3560548	CHR8:3560548	SSF x Near_LoA	-6,95092788	-0,137	0,303
CHR8	3560572	CHR8:3560572	SSF x Near_LoA	-8,29525097	-0,003	0,308
CHR8	3560592	CHR8:3560592	SSF x Near_LoA	-8,74726399	-0,103	0,304
CHR8	356647	CHR8:356647	SSF x Near_LoA	-7,65734882	-0,058	0,305
CHR8	356659	CHR8:356659	SSF x Near_LoA	-11,1505122	-0,116	0,306
CHR8	356675	CHR8:356675	SSF x Near_LoA	-9,22984669	-0,058	0,315
CHR8	3577987	CHR8:3577987	SSF x Near_LoA	-7,38180126	0,126	0,305
CHR8	3578001	CHR8:3578001	SSF x Near_LoA	-9,53703861	-0,094	0,316
CHR8	3578095	CHR8:3578095	SSF x Near_LoA	-10,2169042	0,032	0,310
CHR8	3578097	CHR8:3578097	SSF x Near_LoA	-8,12514119	0,156	0,306
CHR8	3578143	CHR8:3578143	SSF x Near_LoA	-10,5816475	-0,055	0,316
CHR8	3578181	CHR8:3578181	SSF x Near_LoA	-11,4336685	-0,052	0,317
CHR8	3578194	CHR8:3578194	SSF x Near_LoA	-8,65761599	-0,074	0,320
CHR8	3581511	CHR8:3581511	SSF x Near_LoA	-8,63100758	0,063	0,323
CHR8	3588389	CHR8:3588389	SSF x Near_LoA	-8,08909274	-0,025	0,318
CHR8	3588429	CHR8:3588429	SSF x Near_LoA	-10,5175215	0,047	0,303
CHR8	3597669	CHR8:3597669	SSF x Near_LoA	-4,19522085	0,042	0,308
CHR8	3602842	CHR8:3602842	SSF x Near_LoA	-9,50621101	-0,027	0,318
CHR8	3602979	CHR8:3602979	SSF x Near_LoA	-6,77630197	-0,176	0,299
CHR8	3603008	CHR8:3603008	SSF x Near_LoA	-6,20655174	0,134	0,316
CHR8	3603038	CHR8:3603038	SSF x Near_LoA	-10,4698307	0,074	0,320
CHR8	3603145	CHR8:3603145	SSF x Near_LoA	-11,0556387	0,075	0,308
CHR8	3607748	CHR8:3607748	SSF x Near_LoA	-7,85204748	0,074	0,305
CHR8	3607828	CHR8:3607828	SSF x Near_LoA	-7,58723426	-0,109	0,305
CHR8	3607863	CHR8:3607863	SSF x Near_LoA	-11,3943206	0,032	0,310
CHR8	3607868	CHR8:3607868	SSF x Near_LoA	-9,39340909	0,028	0,311
CHR8	3607874	CHR8:3607874	SSF x Near_LoA	-10,1938295	0,007	0,307
CHR8	3607879	CHR8:3607879	SSF x Near_LoA	-10,4471767	-0,003	0,303
CHR8	3607963	CHR8:3607963	SSF x Near_LoA	-9,55358958	0,044	0,304
CHR8	3626640	CHR8:3626640	SSF x Near_LoA	-10,9460523	-0,084	0,298
CHR8	3626896	CHR8:3626896	SSF x Near_LoA	-9,7629655	0,113	0,306
CHR8	3626900	CHR8:3626900	SSF x Near_LoA	-10,12978	0,010	0,319
CHR8	3636529	CHR8:3636529	SSF x Near_LoA	-11,9887892	-0,008	0,299
CHR8	3645673	CHR8:3645673	SSF x Near_LoA	-7,5583878	0,010	0,308
CHR8	3645703	CHR8:3645703	SSF x Near_LoA	-4,80929773	-0,024	0,313
CHR8	3645715	CHR8:3645715	SSF x Near_LoA	-5,51175219	0,054	0,312
CHR8	3645716	CHR8:3645716	SSF x Near_LoA	-11,2994857	0,054	0,307

CHR8	3645734	CHR8:3645734	SSF x Near_LoA	-5,68506305	-0,093	0,300
CHR8	3645799	CHR8:3645799	SSF x Near_LoA	-8,45360366	-0,083	0,311
CHR8	3654475	CHR8:3654475	SSF x Near_LoA	-11,0036817	0,072	0,308
CHR8	3654590	CHR8:3654590	SSF x Near_LoA	-8,73923169	0,004	0,314
CHR8	3654684	CHR8:3654684	SSF x Near_LoA	-10,184767	-0,068	0,308
CHR8	3673032	CHR8:3673032	SSF x Near_LoA	2,46093498	0,211	0,297
CHR8	3673138	CHR8:3673138	SSF x Near_LoA	-9,40419932	-0,103	0,308
CHR8	3673339	CHR8:3673339	SSF x Near_LoA	-10,4399079	-0,061	0,312
CHR8	3673354	CHR8:3673354	SSF x Near_LoA	-9,03663957	-0,006	0,317
CHR8	3673360	CHR8:3673360	SSF x Near_LoA	-10,1955729	0,095	0,314
CHR8	3673367	CHR8:3673367	SSF x Near_LoA	-9,60544016	0,092	0,304
CHR8	3673391	CHR8:3673391	SSF x Near_LoA	-9,32366489	0,079	0,295
CHR8	3673411	CHR8:3673411	SSF x Near_LoA	-10,8508804	0,074	0,304
CHR8	3673442	CHR8:3673442	SSF x Near_LoA	-7,94014552	0,134	0,299
CHR8	3676837	CHR8:3676837	SSF x Near_LoA	-4,99223868	0,123	0,307
CHR8	3678172	CHR8:3678172	SSF x Near_LoA	-10,8662036	-0,034	0,307
CHR8	3678184	CHR8:3678184	SSF x Near_LoA	-9,07601419	0,069	0,304
CHR8	3678193	CHR8:3678193	SSF x Near_LoA	-7,07216647	-0,138	0,302
CHR8	3678430	CHR8:3678430	SSF x Near_LoA	-9,85743147	-0,055	0,314
CHR8	3678461	CHR8:3678461	SSF x Near_LoA	-11,2957554	0,038	0,308
CHR8	3696360	CHR8:3696360	SSF x Near_LoA	-10,5565789	0,049	0,308
CHR8	3704279	CHR8:3704279	SSF x Near_LoA	-8,33088492	-0,043	0,306
CHR8	3704414	CHR8:3704414	SSF x Near_LoA	-10,4311484	-0,025	0,306
CHR8	3704458	CHR8:3704458	SSF x Near_LoA	-1,81735887	0,076	0,303
CHR8	3704467	CHR8:3704467	SSF x Near_LoA	-11,5345483	0,056	0,293
CHR8	3706268	CHR8:3706268	SSF x Near_LoA	-9,74543987	0,022	0,322
CHR8	3706392	CHR8:3706392	SSF x Near_LoA	-5,0744298	-0,070	0,303
CHR8	3715130	CHR8:3715130	SSF x Near_LoA	-10,2928964	0,064	0,302
CHR8	3715293	CHR8:3715293	SSF x Near_LoA	-10,0812336	0,022	0,311
CHR8	3715328	CHR8:3715328	SSF x Near_LoA	-9,3054727	-0,015	0,313
CHR8	3715353	CHR8:3715353	SSF x Near_LoA	-11,4981508	0,029	0,306
CHR8	3715357	CHR8:3715357	SSF x Near_LoA	-8,74676873	0,057	0,321
CHR8	3722526	CHR8:3722526	SSF x Near_LoA	-6,26295455	0,103	0,314
CHR8	3722534	CHR8:3722534	SSF x Near_LoA	-8,10094647	0,109	0,306
CHR8	3722557	CHR8:3722557	SSF x Near_LoA	-6,15861671	-0,041	0,312
CHR8	3722655	CHR8:3722655	SSF x Near_LoA	-9,64338875	0,059	0,308
CHR8	3722908	CHR8:3722908	SSF x Near_LoA	-8,65076025	-0,003	0,302
CHR8	3726535	CHR8:3726535	SSF x Near_LoA	-7,9718731	0,071	0,312
CHR8	3726598	CHR8:3726598	SSF x Near_LoA	-3,36154203	-0,128	0,298
CHR8	3726764	CHR8:3726764	SSF x Near_LoA	-8,37098307	0,030	0,317
CHR8	3726820	CHR8:3726820	SSF x Near_LoA	-7,38476098	0,105	0,307
CHR8	3730290	CHR8:3730290	SSF x Near_LoA	-10,2855676	-0,028	0,305
CHR8	3730335	CHR8:3730335	SSF x Near_LoA	-10,4697047	-0,036	0,293
CHR8	3730389	CHR8:3730389	SSF x Near_LoA	-9,31677025	0,129	0,310
CHR8	3730480	CHR8:3730480	SSF x Near_LoA	-11,3579471	-0,042	0,315
CHR8	3734816	CHR8:3734816	SSF x Near_LoA	-7,08057511	0,002	0,314
CHR8	3734839	CHR8:3734839	SSF x Near_LoA	-8,93060526	0,041	0,305
CHR8	3734970	CHR8:3734970	SSF x Near_LoA	-8,93786077	0,087	0,322
CHR8	3739185	CHR8:3739185	SSF x Near_LoA	-9,300614	0,037	0,297
CHR8	3739349	CHR8:3739349	SSF x Near_LoA	3,24398954	0,098	0,298
CHR8	3739585	CHR8:3739585	SSF x Near_LoA	-10,4989921	0,027	0,300
CHR8	374288	CHR8:374288	SSF x Near_LoA	-6,32343233	0,071	0,321
CHR8	3747349	CHR8:3747349	SSF x Near_LoA	-8,46545449	-0,006	0,320

CHR8	3757561	CHR8:3757561	SSF x Near_LoA	-10,7951361	-0,099	0,306
CHR8	3757710	CHR8:3757710	SSF x Near_LoA	-10,7198511	0,008	0,299
CHR8	3757747	CHR8:3757747	SSF x Near_LoA	-9,69672018	0,040	0,311
CHR8	3757892	CHR8:3757892	SSF x Near_LoA	-8,84559872	0,112	0,288
CHR8	3760830	CHR8:3760830	SSF x Near_LoA	0,84609723	0,038	0,313
CHR8	3760850	CHR8:3760850	SSF x Near_LoA	-8,83936012	-0,092	0,318
CHR8	3775467	CHR8:3775467	SSF x Near_LoA	-10,4109711	0,058	0,305
CHR8	3775491	CHR8:3775491	SSF x Near_LoA	-9,41089694	0,041	0,297
CHR8	3775505	CHR8:3775505	SSF x Near_LoA	-8,24463468	-0,106	0,317
CHR8	3775534	CHR8:3775534	SSF x Near_LoA	-6,32978216	0,072	0,314
CHR8	3775564	CHR8:3775564	SSF x Near_LoA	-11,8383746	0,003	0,303
CHR8	3775884	CHR8:3775884	SSF x Near_LoA	-10,2082881	0,043	0,322
CHR8	3778857	CHR8:3778857	SSF x Near_LoA	-9,15510104	-0,036	0,304
CHR8	3782673	CHR8:3782673	SSF x Near_LoA	-3,95533177	0,202	0,289
CHR8	3782746	CHR8:3782746	SSF x Near_LoA	-10,0410124	-0,079	0,294
CHR8	3783011	CHR8:3783011	SSF x Near_LoA	-10,0052501	0,071	0,312
CHR8	3786401	CHR8:3786401	SSF x Near_LoA	-9,47839106	0,121	0,304
CHR8	3786523	CHR8:3786523	SSF x Near_LoA	-9,1008219	-0,059	0,302
CHR8	3786531	CHR8:3786531	SSF x Near_LoA	-11,4292685	0,098	0,296
CHR8	3786570	CHR8:3786570	SSF x Near_LoA	-10,7314424	0,091	0,310
CHR8	3786604	CHR8:3786604	SSF x Near_LoA	-10,6340996	0,003	0,315
CHR8	3786663	CHR8:3786663	SSF x Near_LoA	-10,8557703	-0,026	0,294
CHR8	3794075	CHR8:3794075	SSF x Near_LoA	-11,2706242	0,043	0,308
CHR8	3801066	CHR8:3801066	SSF x Near_LoA	-9,5660981	0,092	0,318
CHR8	3813702	CHR8:3813702	SSF x Near_LoA	-9,49461961	-0,106	0,300
CHR8	3813783	CHR8:3813783	SSF x Near_LoA	-7,71340396	0,036	0,308
CHR8	3813788	CHR8:3813788	SSF x Near_LoA	-10,8413097	-0,061	0,295
CHR8	3813791	CHR8:3813791	SSF x Near_LoA	-6,95324595	0,035	0,324
CHR8	3828180	CHR8:3828180	SSF x Near_LoA	-7,94803688	-0,055	0,310
CHR8	3828189	CHR8:3828189	SSF x Near_LoA	-10,0379901	0,080	0,291
CHR8	3828214	CHR8:3828214	SSF x Near_LoA	-9,80837623	0,026	0,306
CHR8	3828302	CHR8:3828302	SSF x Near_LoA	-10,6436379	0,111	0,297
CHR8	3828440	CHR8:3828440	SSF x Near_LoA	-8,92182865	0,027	0,300
CHR8	3854770	CHR8:3854770	SSF x Near_LoA	-11,8143462	0,010	0,305
CHR8	3863343	CHR8:3863343	SSF x Near_LoA	-9,93307872	-0,047	0,307
CHR8	3863387	CHR8:3863387	SSF x Near_LoA	-8,29809163	-0,057	0,330
CHR8	3870756	CHR8:3870756	SSF x Near_LoA	-9,89592316	0,160	0,293
CHR8	3870809	CHR8:3870809	SSF x Near_LoA	-10,1335323	0,078	0,308
CHR8	3870876	CHR8:3870876	SSF x Near_LoA	-8,88454148	0,061	0,307
CHR8	3870907	CHR8:3870907	SSF x Near_LoA	-8,58234713	0,020	0,327
CHR8	3874024	CHR8:3874024	SSF x Near_LoA	-9,59989123	0,005	0,318
CHR8	3874039	CHR8:3874039	SSF x Near_LoA	-8,76410389	-0,109	0,306
CHR8	3874056	CHR8:3874056	SSF x Near_LoA	-6,14982683	0,063	0,326
CHR8	3875984	CHR8:3875984	SSF x Near_LoA	-10,3576836	-0,068	0,310
CHR8	3876002	CHR8:3876002	SSF x Near_LoA	-10,4406465	-0,048	0,310
CHR8	3876103	CHR8:3876103	SSF x Near_LoA	-9,17605322	0,021	0,315
CHR8	3877414	CHR8:3877414	SSF x Near_LoA	-9,06320223	0,080	0,312
CHR8	3877584	CHR8:3877584	SSF x Near_LoA	-11,1142228	-0,071	0,306
CHR8	3884541	CHR8:3884541	SSF x Near_LoA	-9,93261614	-0,002	0,304
CHR8	3885199	CHR8:3885199	SSF x Near_LoA	-7,174242	-0,073	0,310
CHR8	3889318	CHR8:3889318	SSF x Near_LoA	-8,99209225	-0,119	0,307
CHR8	3889411	CHR8:3889411	SSF x Near_LoA	-12,0166708	-0,023	0,297
CHR8	3889482	CHR8:3889482	SSF x Near_LoA	-9,54777015	0,016	0,310

CHR8	3889490	CHR8:3889490	SSF x Near_LoA	-10,7067576	-0,017	0,311
CHR8	3899283	CHR8:3899283	SSF x Near_LoA	-10,0494333	-0,016	0,318
CHR8	3899306	CHR8:3899306	SSF x Near_LoA	-11,4967502	-0,037	0,298
CHR8	3899364	CHR8:3899364	SSF x Near_LoA	-8,46133376	-0,061	0,315
CHR8	3907540	CHR8:3907540	SSF x Near_LoA	-8,06934832	0,114	0,295
CHR8	3907616	CHR8:3907616	SSF x Near_LoA	-8,23882992	0,004	0,309
CHR8	3908919	CHR8:3908919	SSF x Near_LoA	-9,74138107	0,024	0,314
CHR8	3910525	CHR8:3910525	SSF x Near_LoA	-9,49037488	-0,025	0,314
CHR8	3910541	CHR8:3910541	SSF x Near_LoA	-10,9100021	-0,011	0,316
CHR8	3910543	CHR8:3910543	SSF x Near_LoA	-8,90983169	0,019	0,304
CHR8	3910572	CHR8:3910572	SSF x Near_LoA	-6,14554865	0,079	0,318
CHR8	3910585	CHR8:3910585	SSF x Near_LoA	-9,22571838	-0,023	0,327
CHR8	3910594	CHR8:3910594	SSF x Near_LoA	-10,2387796	0,081	0,319
CHR8	3910597	CHR8:3910597	SSF x Near_LoA	-9,01595237	0,024	0,316
CHR8	3917922	CHR8:3917922	SSF x Near_LoA	-9,61781107	0,057	0,297
CHR8	3918101	CHR8:3918101	SSF x Near_LoA	-9,94331712	-0,042	0,296
CHR8	3918111	CHR8:3918111	SSF x Near_LoA	-10,8447524	0,007	0,318
CHR8	3918921	CHR8:3918921	SSF x Near_LoA	-9,09833973	-0,020	0,304
CHR8	3918958	CHR8:3918958	SSF x Near_LoA	-9,55365218	-0,067	0,299
CHR8	3919004	CHR8:3919004	SSF x Near_LoA	-10,9146456	-0,042	0,304
CHR8	3928663	CHR8:3928663	SSF x Near_LoA	-8,94582566	-0,065	0,297
CHR8	3940268	CHR8:3940268	SSF x Near_LoA	-10,2198217	-0,007	0,322
CHR8	3940345	CHR8:3940345	SSF x Near_LoA	-9,64995811	-0,004	0,303
CHR8	3940353	CHR8:3940353	SSF x Near_LoA	-10,0678904	0,044	0,315
CHR8	3940414	CHR8:3940414	SSF x Near_LoA	-6,10947176	-0,085	0,305
CHR8	3940419	CHR8:3940419	SSF x Near_LoA	-9,16368479	-0,089	0,313
CHR8	3940515	CHR8:3940515	SSF x Near_LoA	-10,2161859	0,120	0,303
CHR8	3940527	CHR8:3940527	SSF x Near_LoA	-11,2215511	-0,063	0,310
CHR8	3940529	CHR8:3940529	SSF x Near_LoA	-5,8110484	0,102	0,294
CHR8	3953686	CHR8:3953686	SSF x Near_LoA	-8,98549583	0,019	0,298
CHR8	3953722	CHR8:3953722	SSF x Near_LoA	-7,85042335	0,101	0,305
CHR8	3953830	CHR8:3953830	SSF x Near_LoA	-9,05721365	-0,080	0,296
CHR8	3953873	CHR8:3953873	SSF x Near_LoA	-9,53194488	-0,096	0,303
CHR8	3960206	CHR8:3960206	SSF x Near_LoA	-8,63730056	-0,025	0,301
CHR8	3960281	CHR8:3960281	SSF x Near_LoA	-5,78256898	0,101	0,311
CHR8	3960286	CHR8:3960286	SSF x Near_LoA	-9,90802661	0,017	0,298
CHR8	3960317	CHR8:3960317	SSF x Near_LoA	-9,75048758	0,020	0,305
CHR8	3960348	CHR8:3960348	SSF x Near_LoA	-6,38118938	0,123	0,299
CHR8	3960360	CHR8:3960360	SSF x Near_LoA	-8,92195997	0,061	0,305
CHR8	3960387	CHR8:3960387	SSF x Near_LoA	-8,84132246	-0,034	0,305
CHR8	3961352	CHR8:3961352	SSF x Near_LoA	-9,77138193	0,025	0,292
CHR8	3962491	CHR8:3962491	SSF x Near_LoA	-9,2637098	0,091	0,293
CHR8	3964811	CHR8:3964811	SSF x Near_LoA	-8,10507598	0,030	0,315
CHR8	3964826	CHR8:3964826	SSF x Near_LoA	-10,1792326	0,018	0,314
CHR8	3964948	CHR8:3964948	SSF x Near_LoA	-0,07979478	-0,069	0,308
CHR8	3965038	CHR8:3965038	SSF x Near_LoA	-8,3327225	0,024	0,306
CHR8	396594	CHR8:396594	SSF x Near_LoA	-8,26998817	0,128	0,304
CHR8	3966909	CHR8:3966909	SSF x Near_LoA	-9,02532128	0,028	0,309
CHR8	3966945	CHR8:3966945	SSF x Near_LoA	-11,1069075	0,080	0,315
CHR8	3967147	CHR8:3967147	SSF x Near_LoA	-9,99225479	-0,034	0,323
CHR8	3967162	CHR8:3967162	SSF x Near_LoA	-9,87666381	0,009	0,315
CHR8	3967192	CHR8:3967192	SSF x Near_LoA	-9,68462488	0,031	0,305
CHR8	3975211	CHR8:3975211	SSF x Near_LoA	-7,94580478	-0,115	0,303

CHR8	3991657	CHR8:3991657	SSF x Near_LoA	-8,54640044	-0,107	0,294
CHR8	3991689	CHR8:3991689	SSF x Near_LoA	-7,58639362	0,099	0,303
CHR8	3992345	CHR8:3992345	SSF x Near_LoA	-8,97945004	0,006	0,319
CHR8	3996684	CHR8:3996684	SSF x Near_LoA	-6,632272	-0,155	0,298
CHR8	4010913	CHR8:4010913	SSF x Near_LoA	-7,57397874	0,055	0,307
CHR8	4010953	CHR8:4010953	SSF x Near_LoA	-7,26637938	0,093	0,301
CHR8	4010954	CHR8:4010954	SSF x Near_LoA	-8,68096599	-0,070	0,304
CHR8	4010992	CHR8:4010992	SSF x Near_LoA	-9,46526482	-0,060	0,287
CHR8	4011034	CHR8:4011034	SSF x Near_LoA	-8,13337511	0,116	0,311
CHR8	4011051	CHR8:4011051	SSF x Near_LoA	-9,05729897	0,109	0,310
CHR8	4014914	CHR8:4014914	SSF x Near_LoA	-7,90817873	0,073	0,305
CHR8	4014935	CHR8:4014935	SSF x Near_LoA	-11,0040822	-0,057	0,299
CHR8	4014944	CHR8:4014944	SSF x Near_LoA	-10,261575	-0,045	0,304
CHR8	4014945	CHR8:4014945	SSF x Near_LoA	-11,539529	0,009	0,299
CHR8	4014953	CHR8:4014953	SSF x Near_LoA	-10,0439338	-0,048	0,306
CHR8	4014977	CHR8:4014977	SSF x Near_LoA	-10,7820142	-0,010	0,308
CHR8	4014986	CHR8:4014986	SSF x Near_LoA	-6,80315886	0,002	0,305
CHR8	4015039	CHR8:4015039	SSF x Near_LoA	-10,1183407	0,086	0,307
CHR8	4015070	CHR8:4015070	SSF x Near_LoA	-8,37663401	-0,100	0,311
CHR8	4015081	CHR8:4015081	SSF x Near_LoA	-9,47266761	-0,040	0,304
CHR8	4015084	CHR8:4015084	SSF x Near_LoA	-10,2555388	-0,056	0,293
CHR8	4015090	CHR8:4015090	SSF x Near_LoA	-10,2718796	0,063	0,294
CHR8	4015099	CHR8:4015099	SSF x Near_LoA	-4,81913939	-0,115	0,311
CHR8	4015100	CHR8:4015100	SSF x Near_LoA	-10,538479	0,001	0,300
CHR8	4019593	CHR8:4019593	SSF x Near_LoA	-9,30779348	-0,054	0,307
CHR8	4028821	CHR8:4028821	SSF x Near_LoA	-8,85763265	-0,054	0,314
CHR8	4028894	CHR8:4028894	SSF x Near_LoA	-7,19929661	-0,057	0,298
CHR8	4028982	CHR8:4028982	SSF x Near_LoA	-6,67885598	-0,079	0,307
CHR8	4029084	CHR8:4029084	SSF x Near_LoA	-11,0545993	0,060	0,297
CHR8	4029086	CHR8:4029086	SSF x Near_LoA	-8,5380442	0,080	0,296
CHR8	4029105	CHR8:4029105	SSF x Near_LoA	-10,4388779	0,015	0,310
CHR8	4029118	CHR8:4029118	SSF x Near_LoA	-7,81053893	0,065	0,310
CHR8	4032813	CHR8:4032813	SSF x Near_LoA	-11,3944557	-0,042	0,310
CHR8	4032831	CHR8:4032831	SSF x Near_LoA	-0,94974457	0,014	0,323
CHR8	4032893	CHR8:4032893	SSF x Near_LoA	-10,0541449	0,131	0,298
CHR8	4033029	CHR8:4033029	SSF x Near_LoA	-12,5134085	0,008	0,290
CHR8	4040106	CHR8:4040106	SSF x Near_LoA	-8,72276818	-0,031	0,314
CHR8	404326	CHR8:404326	SSF x Near_LoA	-10,1610218	0,088	0,309
CHR8	404382	CHR8:404382	SSF x Near_LoA	-8,52326805	0,121	0,293
CHR8	4045886	CHR8:4045886	SSF x Near_LoA	-7,60080806	-0,094	0,319
CHR8	4046043	CHR8:4046043	SSF x Near_LoA	-8,8201665	-0,027	0,304
CHR8	4046044	CHR8:4046044	SSF x Near_LoA	-6,90345198	-0,017	0,310
CHR8	4056206	CHR8:4056206	SSF x Near_LoA	-6,7909371	-0,046	0,304
CHR8	4059610	CHR8:4059610	SSF x Near_LoA	-7,29048542	-0,041	0,317
CHR8	4059663	CHR8:4059663	SSF x Near_LoA	-10,625252	0,024	0,305
CHR8	4059679	CHR8:4059679	SSF x Near_LoA	-5,68874223	-0,069	0,316
CHR8	4059685	CHR8:4059685	SSF x Near_LoA	-11,2485278	0,025	0,309
CHR8	4062640	CHR8:4062640	SSF x Near_LoA	-11,4050572	0,016	0,318
CHR8	4062740	CHR8:4062740	SSF x Near_LoA	-9,30661787	-0,118	0,307
CHR8	4062869	CHR8:4062869	SSF x Near_LoA	-7,56410222	0,100	0,314
CHR8	4070440	CHR8:4070440	SSF x Near_LoA	-6,61929536	0,168	0,297
CHR8	4070467	CHR8:4070467	SSF x Near_LoA	-6,28474131	-0,110	0,306
CHR8	4070498	CHR8:4070498	SSF x Near_LoA	-9,77377827	0,061	0,303

CHR8	4070499	CHR8:4070499	SSF x Near_LoA	-8,99681345	0,103	0,310
CHR8	4070510	CHR8:4070510	SSF x Near_LoA	-10,8875346	0,016	0,307
CHR8	4070544	CHR8:4070544	SSF x Near_LoA	-7,83392126	0,026	0,292
CHR8	4070621	CHR8:4070621	SSF x Near_LoA	-10,3312384	-0,060	0,288
CHR8	4071140	CHR8:4071140	SSF x Near_LoA	-8,23728298	-0,169	0,305
CHR8	4072781	CHR8:4072781	SSF x Near_LoA	-9,10766415	-0,017	0,296
CHR8	4072818	CHR8:4072818	SSF x Near_LoA	-8,12610466	-0,024	0,289
CHR8	4072827	CHR8:4072827	SSF x Near_LoA	-9,12638114	-0,042	0,321
CHR8	4072832	CHR8:4072832	SSF x Near_LoA	-10,4025226	0,006	0,302
CHR8	4072838	CHR8:4072838	SSF x Near_LoA	-11,2076468	-0,017	0,294
CHR8	4072855	CHR8:4072855	SSF x Near_LoA	-9,19399447	-0,014	0,295
CHR8	4072859	CHR8:4072859	SSF x Near_LoA	-11,3897513	-0,028	0,307
CHR8	4072881	CHR8:4072881	SSF x Near_LoA	-9,39663905	-0,052	0,303
CHR8	4072903	CHR8:4072903	SSF x Near_LoA	-7,37017882	0,029	0,314
CHR8	4072921	CHR8:4072921	SSF x Near_LoA	-9,0659521	0,117	0,297
CHR8	4072943	CHR8:4072943	SSF x Near_LoA	-9,45613692	0,111	0,301
CHR8	4072958	CHR8:4072958	SSF x Near_LoA	-8,18173634	0,064	0,297
CHR8	4073020	CHR8:4073020	SSF x Near_LoA	-8,41347894	0,029	0,315
CHR8	4074844	CHR8:4074844	SSF x Near_LoA	-8,24187783	-0,101	0,304
CHR8	4074979	CHR8:4074979	SSF x Near_LoA	-8,80651893	-0,034	0,298
CHR8	4081340	CHR8:4081340	SSF x Near_LoA	-11,1406001	-0,034	0,299
CHR8	4081379	CHR8:4081379	SSF x Near_LoA	-7,87076085	-0,088	0,312
CHR8	4081475	CHR8:4081475	SSF x Near_LoA	-8,38885329	0,018	0,305
CHR8	4081540	CHR8:4081540	SSF x Near_LoA	-10,5487877	0,035	0,303
CHR8	4081580	CHR8:4081580	SSF x Near_LoA	-10,457135	0,019	0,306
CHR8	4098108	CHR8:4098108	SSF x Near_LoA	-5,71251832	0,026	0,310
CHR8	4098121	CHR8:4098121	SSF x Near_LoA	-6,59243085	-0,041	0,320
CHR8	4098139	CHR8:4098139	SSF x Near_LoA	-11,6154972	0,039	0,311
CHR8	4100023	CHR8:4100023	SSF x Near_LoA	-10,1050599	-0,077	0,314
CHR8	4103025	CHR8:4103025	SSF x Near_LoA	-10,8385737	-0,076	0,299
CHR8	4103033	CHR8:4103033	SSF x Near_LoA	-8,21850133	-0,103	0,308
CHR8	4103054	CHR8:4103054	SSF x Near_LoA	-11,5374228	0,011	0,291
CHR8	4103057	CHR8:4103057	SSF x Near_LoA	-9,13912216	0,006	0,313
CHR8	4103237	CHR8:4103237	SSF x Near_LoA	-11,1641745	0,033	0,296
CHR8	4110365	CHR8:4110365	SSF x Near_LoA	-10,0809349	-0,025	0,309
CHR8	4110373	CHR8:4110373	SSF x Near_LoA	-9,9297887	-0,105	0,310
CHR8	4110382	CHR8:4110382	SSF x Near_LoA	-10,5299465	-0,015	0,293
CHR8	4110409	CHR8:4110409	SSF x Near_LoA	-10,2964422	0,068	0,308
CHR8	4110414	CHR8:4110414	SSF x Near_LoA	-7,83857981	-0,069	0,310
CHR8	4110453	CHR8:4110453	SSF x Near_LoA	-9,73130135	-0,122	0,301
CHR8	4110467	CHR8:4110467	SSF x Near_LoA	-7,74477405	0,066	0,320
CHR8	4110479	CHR8:4110479	SSF x Near_LoA	-8,38975787	0,006	0,305
CHR8	4111178	CHR8:4111178	SSF x Near_LoA	-9,87498398	-0,037	0,317
CHR8	4111190	CHR8:4111190	SSF x Near_LoA	-9,77975913	-0,078	0,321
CHR8	4113582	CHR8:4113582	SSF x Near_LoA	-9,82364454	0,061	0,303
CHR8	4113584	CHR8:4113584	SSF x Near_LoA	-2,91907225	0,121	0,304
CHR8	4119166	CHR8:4119166	SSF x Near_LoA	-10,4542821	0,028	0,315
CHR8	4122215	CHR8:4122215	SSF x Near_LoA	-9,66859602	0,017	0,310
CHR8	4122221	CHR8:4122221	SSF x Near_LoA	-9,44671436	-0,002	0,309
CHR8	4122257	CHR8:4122257	SSF x Near_LoA	-8,92175685	0,047	0,300
CHR8	4123823	CHR8:4123823	SSF x Near_LoA	-8,67400397	-0,042	0,315
CHR8	4128939	CHR8:4128939	SSF x Near_LoA	-9,866623	0,008	0,314
CHR8	4128986	CHR8:4128986	SSF x Near_LoA	-3,58592282	-0,201	0,304

CHR8	4129007	CHR8:4129007	SSF x Near_LoA	-7,27372695	0,091	0,319
CHR8	4129088	CHR8:4129088	SSF x Near_LoA	-11,1990889	-0,021	0,314
CHR8	4129091	CHR8:4129091	SSF x Near_LoA	-9,78273553	-0,055	0,307
CHR8	4129098	CHR8:4129098	SSF x Near_LoA	-9,32453907	-0,048	0,312
CHR8	4129117	CHR8:4129117	SSF x Near_LoA	-9,69588798	-0,068	0,284
CHR8	4129130	CHR8:4129130	SSF x Near_LoA	-10,695888	0,004	0,309
CHR8	4131311	CHR8:4131311	SSF x Near_LoA	-9,24431332	0,032	0,307
CHR8	4131330	CHR8:4131330	SSF x Near_LoA	-9,69486964	0,047	0,287
CHR8	4131374	CHR8:4131374	SSF x Near_LoA	-9,45484557	0,086	0,322
CHR8	4131378	CHR8:4131378	SSF x Near_LoA	-8,07912841	0,061	0,306
CHR8	4134993	CHR8:4134993	SSF x Near_LoA	-9,9731603	0,030	0,316
CHR8	4135000	CHR8:4135000	SSF x Near_LoA	-9,71549606	-0,004	0,309
CHR8	4135001	CHR8:4135001	SSF x Near_LoA	-9,65440513	0,032	0,313
CHR8	4141407	CHR8:4141407	SSF x Near_LoA	-10,7646563	-0,030	0,304
CHR8	4141424	CHR8:4141424	SSF x Near_LoA	-9,46287212	-0,074	0,317
CHR8	4148906	CHR8:4148906	SSF x Near_LoA	-10,9662617	-0,065	0,316
CHR8	4148968	CHR8:4148968	SSF x Near_LoA	-7,92946635	-0,006	0,311
CHR8	4149153	CHR8:4149153	SSF x Near_LoA	-11,9358389	-0,051	0,303
CHR8	4149194	CHR8:4149194	SSF x Near_LoA	-9,86228786	0,022	0,314
CHR8	4157962	CHR8:4157962	SSF x Near_LoA	-10,3368875	0,016	0,310
CHR8	4162766	CHR8:4162766	SSF x Near_LoA	-10,0007262	0,006	0,314
CHR8	4178859	CHR8:4178859	SSF x Near_LoA	-8,45532761	0,093	0,299
CHR8	4178865	CHR8:4178865	SSF x Near_LoA	-9,17825953	0,055	0,306
CHR8	4178870	CHR8:4178870	SSF x Near_LoA	-7,77873179	0,079	0,299
CHR8	4178909	CHR8:4178909	SSF x Near_LoA	-9,87701887	0,063	0,296
CHR8	4178945	CHR8:4178945	SSF x Near_LoA	-10,0486422	0,048	0,309
CHR8	4179208	CHR8:4179208	SSF x Near_LoA	-10,9177863	0,057	0,305
CHR8	4189174	CHR8:4189174	SSF x Near_LoA	-8,20357964	0,018	0,306
CHR8	4189185	CHR8:4189185	SSF x Near_LoA	-8,60497042	-0,191	0,305
CHR8	4189191	CHR8:4189191	SSF x Near_LoA	-7,25612266	0,123	0,311
CHR8	4189201	CHR8:4189201	SSF x Near_LoA	-8,93169793	-0,145	0,305
CHR8	4189204	CHR8:4189204	SSF x Near_LoA	-8,45104977	-0,138	0,307
CHR8	4190175	CHR8:4190175	SSF x Near_LoA	-10,7521303	0,045	0,318
CHR8	4190190	CHR8:4190190	SSF x Near_LoA	-12,3709795	0,021	0,301
CHR8	4190225	CHR8:4190225	SSF x Near_LoA	-8,97971116	0,022	0,321
CHR8	4194574	CHR8:4194574	SSF x Near_LoA	-10,953208	-0,012	0,314
CHR8	4194636	CHR8:4194636	SSF x Near_LoA	-10,2263065	-0,072	0,301
CHR8	4200167	CHR8:4200167	SSF x Near_LoA	-9,15052683	-0,031	0,315
CHR8	4200186	CHR8:4200186	SSF x Near_LoA	-9,36428291	0,006	0,296
CHR8	4200197	CHR8:4200197	SSF x Near_LoA	-10,2812818	-0,008	0,299
CHR8	4201178	CHR8:4201178	SSF x Near_LoA	-8,65104709	-0,047	0,309
CHR8	4201287	CHR8:4201287	SSF x Near_LoA	-10,6394101	0,046	0,308
CHR8	4201330	CHR8:4201330	SSF x Near_LoA	-9,11738492	-0,046	0,315
CHR8	4201342	CHR8:4201342	SSF x Near_LoA	-10,0818698	-0,001	0,311
CHR8	4206484	CHR8:4206484	SSF x Near_LoA	-0,74964373	-0,054	0,296
CHR8	4206640	CHR8:4206640	SSF x Near_LoA	-11,0365316	-0,010	0,318
CHR8	420930	CHR8:420930	SSF x Near_LoA	-8,99186254	-0,022	0,315
CHR8	421018	CHR8:421018	SSF x Near_LoA	-6,35195544	0,178	0,295
CHR8	421042	CHR8:421042	SSF x Near_LoA	-11,2156082	-0,002	0,314
CHR8	4213281	CHR8:4213281	SSF x Near_LoA	-2,95081791	0,012	0,313
CHR8	4213336	CHR8:4213336	SSF x Near_LoA	-10,1198199	-0,024	0,316
CHR8	4213383	CHR8:4213383	SSF x Near_LoA	-10,8218906	-0,010	0,305
CHR8	4213465	CHR8:4213465	SSF x Near_LoA	-8,62996911	-0,082	0,306

CHR8	4213547	CHR8:4213547	SSF x Near_LoA	-8,55610207	-0,007	0,316
CHR8	4216822	CHR8:4216822	SSF x Near_LoA	-11,9711882	-0,028	0,303
CHR8	4216831	CHR8:4216831	SSF x Near_LoA	-9,19506196	0,007	0,310
CHR8	4216849	CHR8:4216849	SSF x Near_LoA	-9,33885886	-0,061	0,303
CHR8	4216911	CHR8:4216911	SSF x Near_LoA	-9,29699091	-0,028	0,312
CHR8	4216929	CHR8:4216929	SSF x Near_LoA	-0,05299868	-0,038	0,309
CHR8	4216933	CHR8:4216933	SSF x Near_LoA	-4,4653592	0,097	0,301
CHR8	4217245	CHR8:4217245	SSF x Near_LoA	-8,67497766	0,053	0,318
CHR8	4217249	CHR8:4217249	SSF x Near_LoA	-8,22512944	0,032	0,319
CHR8	4217273	CHR8:4217273	SSF x Near_LoA	-6,95387066	0,127	0,300
CHR8	4217308	CHR8:4217308	SSF x Near_LoA	-9,15232121	-0,031	0,312
CHR8	4217353	CHR8:4217353	SSF x Near_LoA	-8,06373018	0,025	0,311
CHR8	4217362	CHR8:4217362	SSF x Near_LoA	-9,80256197	0,016	0,302
CHR8	4229355	CHR8:4229355	SSF x Near_LoA	-11,0370249	-0,036	0,315
CHR8	4229444	CHR8:4229444	SSF x Near_LoA	-3,96997956	0,086	0,312
CHR8	4229445	CHR8:4229445	SSF x Near_LoA	-10,5536521	0,003	0,311
CHR8	4231485	CHR8:4231485	SSF x Near_LoA	-10,0808545	0,109	0,299
CHR8	4231597	CHR8:4231597	SSF x Near_LoA	-7,70559143	-0,079	0,306
CHR8	4246619	CHR8:4246619	SSF x Near_LoA	-6,9653742	-0,177	0,302
CHR8	4246632	CHR8:4246632	SSF x Near_LoA	-9,80420539	0,079	0,302
CHR8	4246633	CHR8:4246633	SSF x Near_LoA	-9,50500446	0,064	0,311
CHR8	4246634	CHR8:4246634	SSF x Near_LoA	-6,4347447	-0,020	0,300
CHR8	4246638	CHR8:4246638	SSF x Near_LoA	-9,97355601	0,035	0,289
CHR8	4246652	CHR8:4246652	SSF x Near_LoA	-8,75466199	0,020	0,310
CHR8	4246692	CHR8:4246692	SSF x Near_LoA	-8,30512246	-0,024	0,310
CHR8	4246709	CHR8:4246709	SSF x Near_LoA	-10,3951218	0,052	0,301
CHR8	4246744	CHR8:4246744	SSF x Near_LoA	-7,2755393	0,201	0,289
CHR8	4246781	CHR8:4246781	SSF x Near_LoA	-8,15936703	0,006	0,299
CHR8	4251888	CHR8:4251888	SSF x Near_LoA	-10,3190818	0,031	0,318
CHR8	4251901	CHR8:4251901	SSF x Near_LoA	-7,30953845	-0,132	0,306
CHR8	4251931	CHR8:4251931	SSF x Near_LoA	-11,8202228	-0,013	0,289
CHR8	4251933	CHR8:4251933	SSF x Near_LoA	-8,07173691	0,002	0,303
CHR8	4251936	CHR8:4251936	SSF x Near_LoA	-10,8924306	-0,062	0,299
CHR8	4259137	CHR8:4259137	SSF x Near_LoA	-7,53924078	0,126	0,309
CHR8	4259282	CHR8:4259282	SSF x Near_LoA	-8,43460348	0,099	0,314
CHR8	4259398	CHR8:4259398	SSF x Near_LoA	-8,91690287	-0,061	0,306
CHR8	4268012	CHR8:4268012	SSF x Near_LoA	-11,8695724	-0,028	0,307
CHR8	427264	CHR8:427264	SSF x Near_LoA	-11,0031401	-0,094	0,308
CHR8	4277424	CHR8:4277424	SSF x Near_LoA	-8,35415741	0,021	0,314
CHR8	4278244	CHR8:4278244	SSF x Near_LoA	-9,33121099	0,087	0,307
CHR8	4278254	CHR8:4278254	SSF x Near_LoA	-8,77286102	0,107	0,309
CHR8	427845	CHR8:427845	SSF x Near_LoA	-8,69803209	0,022	0,314
CHR8	427852	CHR8:427852	SSF x Near_LoA	-11,6512002	-0,014	0,305
CHR8	4294362	CHR8:4294362	SSF x Near_LoA	-8,9423797	-0,006	0,325
CHR8	4294367	CHR8:4294367	SSF x Near_LoA	-10,4158745	0,111	0,305
CHR8	4294436	CHR8:4294436	SSF x Near_LoA	-9,50347218	0,012	0,307
CHR8	4294548	CHR8:4294548	SSF x Near_LoA	-9,44422605	-0,059	0,305
CHR8	4302475	CHR8:4302475	SSF x Near_LoA	-9,71512041	0,047	0,317
CHR8	4310356	CHR8:4310356	SSF x Near_LoA	-9,90529699	0,046	0,320
CHR8	4318286	CHR8:4318286	SSF x Near_LoA	-7,60733214	-0,013	0,315
CHR8	4318325	CHR8:4318325	SSF x Near_LoA	-9,0537717	-0,070	0,310
CHR8	4318347	CHR8:4318347	SSF x Near_LoA	-7,74885083	-0,214	0,288
CHR8	4318362	CHR8:4318362	SSF x Near_LoA	-7,01911012	-0,224	0,301

CHR8	4318379	CHR8:4318379	SSF x Near_LoA	-4,36172537	-0,222	0,299
CHR8	4318387	CHR8:4318387	SSF x Near_LoA	-6,90284675	-0,216	0,287
CHR8	4318409	CHR8:4318409	SSF x Near_LoA	-6,78930809	-0,136	0,294
CHR8	4330102	CHR8:4330102	SSF x Near_LoA	-5,49984023	0,071	0,307
CHR8	4330107	CHR8:4330107	SSF x Near_LoA	-9,69163037	0,050	0,311
CHR8	4330111	CHR8:4330111	SSF x Near_LoA	-11,9668748	0,076	0,298
CHR8	4330121	CHR8:4330121	SSF x Near_LoA	-10,448846	0,068	0,318
CHR8	4330122	CHR8:4330122	SSF x Near_LoA	-8,46339537	0,061	0,292
CHR8	4330140	CHR8:4330140	SSF x Near_LoA	-10,2194725	0,062	0,305
CHR8	4330155	CHR8:4330155	SSF x Near_LoA	-9,63675815	0,015	0,314
CHR8	4330201	CHR8:4330201	SSF x Near_LoA	-11,1746134	-0,003	0,301
CHR8	4340765	CHR8:4340765	SSF x Near_LoA	-8,16045116	0,055	0,321
CHR8	4340769	CHR8:4340769	SSF x Near_LoA	-8,45528774	0,010	0,312
CHR8	4341937	CHR8:4341937	SSF x Near_LoA	-10,4760273	-0,013	0,319
CHR8	4342117	CHR8:4342117	SSF x Near_LoA	-7,31256619	-0,133	0,319
CHR8	4348780	CHR8:4348780	SSF x Near_LoA	-12,2985242	-0,041	0,301
CHR8	4348788	CHR8:4348788	SSF x Near_LoA	-8,70769397	-0,005	0,310
CHR8	4348840	CHR8:4348840	SSF x Near_LoA	-10,3346474	0,049	0,316
CHR8	435769	CHR8:435769	SSF x Near_LoA	-8,07330659	0,119	0,305
CHR8	4375073	CHR8:4375073	SSF x Near_LoA	-9,26353216	0,014	0,315
CHR8	4375158	CHR8:4375158	SSF x Near_LoA	-10,0787203	-0,092	0,298
CHR8	4375197	CHR8:4375197	SSF x Near_LoA	-9,19593104	0,047	0,311
CHR8	4375202	CHR8:4375202	SSF x Near_LoA	-8,34093352	-0,039	0,310
CHR8	4375234	CHR8:4375234	SSF x Near_LoA	-9,14890356	-0,026	0,300
CHR8	4384383	CHR8:4384383	SSF x Near_LoA	-7,97187364	0,107	0,309
CHR8	4384404	CHR8:4384404	SSF x Near_LoA	-10,0155423	-0,087	0,296
CHR8	4396497	CHR8:4396497	SSF x Near_LoA	-9,09745839	0,062	0,306
CHR8	4396674	CHR8:4396674	SSF x Near_LoA	-11,465918	0,022	0,306
CHR8	4403967	CHR8:4403967	SSF x Near_LoA	-11,2001127	0,035	0,316
CHR8	4404064	CHR8:4404064	SSF x Near_LoA	-10,6344656	0,068	0,308
CHR8	4404111	CHR8:4404111	SSF x Near_LoA	-7,3760914	0,084	0,311
CHR8	4404151	CHR8:4404151	SSF x Near_LoA	-7,18208047	-0,060	0,293
CHR8	4404152	CHR8:4404152	SSF x Near_LoA	-8,51820231	-0,087	0,294
CHR8	4404156	CHR8:4404156	SSF x Near_LoA	-7,61826744	-0,095	0,292
CHR8	4404178	CHR8:4404178	SSF x Near_LoA	1,255452	0,003	0,316
CHR8	4404181	CHR8:4404181	SSF x Near_LoA	-10,1752129	0,062	0,283
CHR8	4408798	CHR8:4408798	SSF x Near_LoA	-9,23616471	0,126	0,312
CHR8	4408805	CHR8:4408805	SSF x Near_LoA	-0,98861367	-0,093	0,309
CHR8	4408990	CHR8:4408990	SSF x Near_LoA	-11,6618142	-0,060	0,304
CHR8	4410918	CHR8:4410918	SSF x Near_LoA	-2,9673209	-0,083	0,314
CHR8	4410933	CHR8:4410933	SSF x Near_LoA	-8,86174594	-0,004	0,307
CHR8	4410960	CHR8:4410960	SSF x Near_LoA	-9,50178711	-0,066	0,302
CHR8	4411020	CHR8:4411020	SSF x Near_LoA	-9,57803844	0,052	0,297
CHR8	4412328	CHR8:4412328	SSF x Near_LoA	-8,11734053	0,105	0,306
CHR8	4415219	CHR8:4415219	SSF x Near_LoA	-9,08457256	-0,037	0,302
CHR8	4415222	CHR8:4415222	SSF x Near_LoA	-8,76070854	0,026	0,318
CHR8	4421679	CHR8:4421679	SSF x Near_LoA	-10,0679716	0,039	0,315
CHR8	4428275	CHR8:4428275	SSF x Near_LoA	-10,0132577	0,014	0,312
CHR8	4428304	CHR8:4428304	SSF x Near_LoA	-10,0860595	-0,061	0,306
CHR8	4428332	CHR8:4428332	SSF x Near_LoA	-9,78339319	-0,003	0,312
CHR8	4428351	CHR8:4428351	SSF x Near_LoA	-8,98787546	0,004	0,312
CHR8	4444198	CHR8:4444198	SSF x Near_LoA	-8,47174383	-0,016	0,314
CHR8	4444392	CHR8:4444392	SSF x Near_LoA	-9,88616709	0,050	0,303

CHR8	4444455	CHR8:4444455	SSF x Near_LoA	-8,0847283	-0,104	0,308
CHR8	4444473	CHR8:4444473	SSF x Near_LoA	-9,90456134	-0,055	0,292
CHR8	4444474	CHR8:4444474	SSF x Near_LoA	-8,43091301	-0,012	0,300
CHR8	4444478	CHR8:4444478	SSF x Near_LoA	-7,9100223	-0,028	0,303
CHR8	4446869	CHR8:4446869	SSF x Near_LoA	-9,61822989	0,091	0,299
CHR8	4450653	CHR8:4450653	SSF x Near_LoA	-8,88444335	-0,110	0,293
CHR8	4453864	CHR8:4453864	SSF x Near_LoA	-9,55899927	-0,094	0,313
CHR8	4454232	CHR8:4454232	SSF x Near_LoA	-8,37349675	-0,140	0,292
CHR8	4454297	CHR8:4454297	SSF x Near_LoA	-11,6380367	-0,044	0,300
CHR8	4460023	CHR8:4460023	SSF x Near_LoA	-9,15601921	0,074	0,310
CHR8	4460057	CHR8:4460057	SSF x Near_LoA	-10,6262161	0,031	0,301
CHR8	4460059	CHR8:4460059	SSF x Near_LoA	-9,89194544	0,035	0,309
CHR8	4460062	CHR8:4460062	SSF x Near_LoA	-10,5067127	0,079	0,306
CHR8	4460100	CHR8:4460100	SSF x Near_LoA	-10,9339321	0,035	0,304
CHR8	4461569	CHR8:4461569	SSF x Near_LoA	-6,98657542	0,163	0,289
CHR8	4461582	CHR8:4461582	SSF x Near_LoA	-7,29976512	-0,072	0,313
CHR8	4462531	CHR8:4462531	SSF x Near_LoA	-8,91367517	0,060	0,294
CHR8	4462655	CHR8:4462655	SSF x Near_LoA	-9,64993745	0,076	0,311
CHR8	4462784	CHR8:4462784	SSF x Near_LoA	-10,025892	0,081	0,304
CHR8	4467778	CHR8:4467778	SSF x Near_LoA	-8,20247537	-0,107	0,321
CHR8	4467806	CHR8:4467806	SSF x Near_LoA	-7,48815835	0,064	0,312
CHR8	4467887	CHR8:4467887	SSF x Near_LoA	-10,1101392	0,107	0,311
CHR8	4467929	CHR8:4467929	SSF x Near_LoA	-8,69792107	0,021	0,323
CHR8	4467937	CHR8:4467937	SSF x Near_LoA	-8,35861442	-0,039	0,309
CHR8	4467944	CHR8:4467944	SSF x Near_LoA	-8,39759694	0,025	0,309
CHR8	4467968	CHR8:4467968	SSF x Near_LoA	-8,52764979	0,026	0,316
CHR8	4467989	CHR8:4467989	SSF x Near_LoA	-10,1002417	0,027	0,302
CHR8	4468026	CHR8:4468026	SSF x Near_LoA	-8,77990812	-0,120	0,303
CHR8	4478251	CHR8:4478251	SSF x Near_LoA	-9,6910523	0,042	0,302
CHR8	4478277	CHR8:4478277	SSF x Near_LoA	-8,48415448	-0,038	0,315
CHR8	4478279	CHR8:4478279	SSF x Near_LoA	-9,91830406	0,030	0,301
CHR8	4478280	CHR8:4478280	SSF x Near_LoA	-8,11912959	0,091	0,306
CHR8	4478333	CHR8:4478333	SSF x Near_LoA	-8,51313697	-0,002	0,302
CHR8	4486865	CHR8:4486865	SSF x Near_LoA	-9,30272931	-0,007	0,305
CHR8	4486903	CHR8:4486903	SSF x Near_LoA	-8,76976618	0,100	0,302
CHR8	4486971	CHR8:4486971	SSF x Near_LoA	-6,7138964	-0,102	0,295
CHR8	4486993	CHR8:4486993	SSF x Near_LoA	-9,20235227	0,070	0,293
CHR8	4487051	CHR8:4487051	SSF x Near_LoA	0,79193204	0,093	0,301
CHR8	4487074	CHR8:4487074	SSF x Near_LoA	-10,3355515	-0,035	0,309
CHR8	4487078	CHR8:4487078	SSF x Near_LoA	-9,19738234	0,061	0,313
CHR8	4488357	CHR8:4488357	SSF x Near_LoA	-11,3252882	-0,034	0,299
CHR8	4488377	CHR8:4488377	SSF x Near_LoA	-9,81617919	0,070	0,302
CHR8	4488378	CHR8:4488378	SSF x Near_LoA	-5,85214082	0,127	0,304
CHR8	449013	CHR8:449013	SSF x Near_LoA	-10,3778285	0,024	0,308
CHR8	4492347	CHR8:4492347	SSF x Near_LoA	-11,2035015	0,041	0,303
CHR8	4495700	CHR8:4495700	SSF x Near_LoA	-9,0756538	0,020	0,298
CHR8	4495713	CHR8:4495713	SSF x Near_LoA	-8,99344274	-0,008	0,304
CHR8	4495723	CHR8:4495723	SSF x Near_LoA	-10,6645231	-0,009	0,317
CHR8	4495766	CHR8:4495766	SSF x Near_LoA	-9,08763899	0,085	0,318
CHR8	4495786	CHR8:4495786	SSF x Near_LoA	-8,20716404	0,128	0,304
CHR8	4495841	CHR8:4495841	SSF x Near_LoA	-10,1590599	0,138	0,301
CHR8	4500293	CHR8:4500293	SSF x Near_LoA	-9,01339696	0,104	0,291
CHR8	4500344	CHR8:4500344	SSF x Near_LoA	-11,409282	-0,094	0,321

CHR8	4500357	CHR8:4500357	SSF x Near_LoA	-3,83899337	-0,016	0,314
CHR8	4500983	CHR8:4500983	SSF x Near_LoA	-9,29138005	-0,015	0,303
CHR8	4500997	CHR8:4500997	SSF x Near_LoA	-7,38707422	-0,086	0,297
CHR8	4501003	CHR8:4501003	SSF x Near_LoA	-9,08284941	0,052	0,307
CHR8	4501044	CHR8:4501044	SSF x Near_LoA	-10,8642956	-0,100	0,291
CHR8	4501060	CHR8:4501060	SSF x Near_LoA	-7,53361396	-0,129	0,303
CHR8	4506586	CHR8:4506586	SSF x Near_LoA	-9,10417681	-0,054	0,308
CHR8	4506593	CHR8:4506593	SSF x Near_LoA	-8,82460466	0,012	0,313
CHR8	4506631	CHR8:4506631	SSF x Near_LoA	-9,42891737	0,070	0,316
CHR8	4506742	CHR8:4506742	SSF x Near_LoA	-8,95935497	0,043	0,307
CHR8	4508429	CHR8:4508429	SSF x Near_LoA	-9,38448709	-0,011	0,314
CHR8	4508472	CHR8:4508472	SSF x Near_LoA	-6,52269953	0,201	0,301
CHR8	451326	CHR8:451326	SSF x Near_LoA	-11,5896867	-0,038	0,310
CHR8	4516756	CHR8:4516756	SSF x Near_LoA	-9,43215019	-0,089	0,298
CHR8	4516757	CHR8:4516757	SSF x Near_LoA	-11,4480863	-0,085	0,306
CHR8	4520886	CHR8:4520886	SSF x Near_LoA	-10,1776852	-0,042	0,296
CHR8	4521006	CHR8:4521006	SSF x Near_LoA	-7,64323965	-0,007	0,323
CHR8	4521020	CHR8:4521020	SSF x Near_LoA	-9,11215831	0,062	0,299
CHR8	4521021	CHR8:4521021	SSF x Near_LoA	-9,47607223	0,045	0,312
CHR8	453440	CHR8:453440	SSF x Near_LoA	-8,70178371	0,006	0,313
CHR8	4537034	CHR8:4537034	SSF x Near_LoA	-9,42202754	0,051	0,302
CHR8	4541688	CHR8:4541688	SSF x Near_LoA	-7,84856545	-0,016	0,303
CHR8	4541691	CHR8:4541691	SSF x Near_LoA	-11,0511556	-0,049	0,306
CHR8	4541745	CHR8:4541745	SSF x Near_LoA	-11,1834659	-0,048	0,300
CHR8	4541746	CHR8:4541746	SSF x Near_LoA	-9,04832423	-0,019	0,312
CHR8	4542812	CHR8:4542812	SSF x Near_LoA	-7,98675223	-0,067	0,306
CHR8	4542834	CHR8:4542834	SSF x Near_LoA	-8,11687916	-0,020	0,301
CHR8	4542836	CHR8:4542836	SSF x Near_LoA	-9,37618805	-0,068	0,315
CHR8	454808	CHR8:454808	SSF x Near_LoA	-7,56002871	-0,103	0,313
CHR8	4553043	CHR8:4553043	SSF x Near_LoA	-10,6321647	-0,005	0,301
CHR8	4566768	CHR8:4566768	SSF x Near_LoA	-11,091204	-0,001	0,304
CHR8	4566919	CHR8:4566919	SSF x Near_LoA	-6,7609612	-0,143	0,299
CHR8	4566924	CHR8:4566924	SSF x Near_LoA	-9,15623025	-0,071	0,304
CHR8	4568181	CHR8:4568181	SSF x Near_LoA	-8,98175542	-0,074	0,313
CHR8	4568185	CHR8:4568185	SSF x Near_LoA	-9,56202578	-0,124	0,299
CHR8	4568234	CHR8:4568234	SSF x Near_LoA	-10,2766739	0,004	0,318
CHR8	4568275	CHR8:4568275	SSF x Near_LoA	-8,98277365	-0,092	0,290
CHR8	4571113	CHR8:4571113	SSF x Near_LoA	-3,62412625	-0,143	0,312
CHR8	4571168	CHR8:4571168	SSF x Near_LoA	-6,89158343	-0,107	0,307
CHR8	4571185	CHR8:4571185	SSF x Near_LoA	-10,2775841	0,123	0,304
CHR8	4571209	CHR8:4571209	SSF x Near_LoA	-9,9296245	0,123	0,297
CHR8	4583071	CHR8:4583071	SSF x Near_LoA	-10,502236	0,033	0,303
CHR8	4589071	CHR8:4589071	SSF x Near_LoA	-6,96812751	-0,138	0,310
CHR8	4589074	CHR8:4589074	SSF x Near_LoA	-8,19688132	-0,146	0,310
CHR8	4589077	CHR8:4589077	SSF x Near_LoA	-8,464664	-0,166	0,305
CHR8	4594899	CHR8:4594899	SSF x Near_LoA	-10,1203514	0,087	0,324
CHR8	4594952	CHR8:4594952	SSF x Near_LoA	-9,93737154	-0,088	0,287
CHR8	4595046	CHR8:4595046	SSF x Near_LoA	-10,8068723	0,047	0,305
CHR8	4595313	CHR8:4595313	SSF x Near_LoA	-8,55636761	0,073	0,305
CHR8	4602212	CHR8:4602212	SSF x Near_LoA	-9,83140385	0,174	0,296
CHR8	4602224	CHR8:4602224	SSF x Near_LoA	-11,1056385	-0,016	0,310
CHR8	4602433	CHR8:4602433	SSF x Near_LoA	-8,48759319	-0,102	0,308
CHR8	4602466	CHR8:4602466	SSF x Near_LoA	-9,68476734	0,061	0,303

CHR8	4604869	CHR8:4604869	SSF x Near_LoA	-10,3926909	-0,008	0,293
CHR8	4604876	CHR8:4604876	SSF x Near_LoA	-11,0857021	-0,009	0,315
CHR8	4605362	CHR8:4605362	SSF x Near_LoA	-11,4589052	-0,033	0,313
CHR8	4606989	CHR8:4606989	SSF x Near_LoA	-8,55962888	-0,027	0,333
CHR8	4607060	CHR8:4607060	SSF x Near_LoA	-10,7075429	-0,021	0,308
CHR8	4610269	CHR8:4610269	SSF x Near_LoA	-8,95795334	-0,024	0,306
CHR8	4610278	CHR8:4610278	SSF x Near_LoA	-9,29686676	0,023	0,315
CHR8	4610321	CHR8:4610321	SSF x Near_LoA	-7,06397997	-0,052	0,314
CHR8	4613873	CHR8:4613873	SSF x Near_LoA	-8,53190233	-0,096	0,320
CHR8	4613897	CHR8:4613897	SSF x Near_LoA	-8,87144362	0,133	0,303
CHR8	4613908	CHR8:4613908	SSF x Near_LoA	-8,066746	-0,129	0,313
CHR8	4613947	CHR8:4613947	SSF x Near_LoA	-6,95331605	0,065	0,311
CHR8	4613978	CHR8:4613978	SSF x Near_LoA	-9,65600614	-0,098	0,310
CHR8	4614135	CHR8:4614135	SSF x Near_LoA	-10,2002048	0,157	0,293
CHR8	4626322	CHR8:4626322	SSF x Near_LoA	-7,26507734	-0,059	0,303
CHR8	4626334	CHR8:4626334	SSF x Near_LoA	-8,39150731	0,110	0,302
CHR8	4626372	CHR8:4626372	SSF x Near_LoA	-10,3525042	0,049	0,296
CHR8	4630360	CHR8:4630360	SSF x Near_LoA	-10,7184606	0,019	0,313
CHR8	4633308	CHR8:4633308	SSF x Near_LoA	-8,4032064	-0,099	0,320
CHR8	4633349	CHR8:4633349	SSF x Near_LoA	-8,85995639	0,107	0,320
CHR8	4633355	CHR8:4633355	SSF x Near_LoA	-10,6294805	0,133	0,297
CHR8	4633392	CHR8:4633392	SSF x Near_LoA	-9,94868239	0,126	0,293
CHR8	4633480	CHR8:4633480	SSF x Near_LoA	-10,6851382	0,003	0,303
CHR8	4633501	CHR8:4633501	SSF x Near_LoA	-10,3956014	0,060	0,306
CHR8	4633579	CHR8:4633579	SSF x Near_LoA	-10,039816	-0,018	0,316
CHR8	463430	CHR8:463430	SSF x Near_LoA	-10,5048505	-0,052	0,293
CHR8	463460	CHR8:463460	SSF x Near_LoA	-8,91884467	-0,016	0,305
CHR8	463576	CHR8:463576	SSF x Near_LoA	-8,93588909	-0,055	0,316
CHR8	4641910	CHR8:4641910	SSF x Near_LoA	-6,69881312	0,064	0,309
CHR8	4658163	CHR8:4658163	SSF x Near_LoA	-10,5991441	-0,091	0,308
CHR8	4658206	CHR8:4658206	SSF x Near_LoA	-8,72977555	-0,020	0,308
CHR8	4658277	CHR8:4658277	SSF x Near_LoA	-8,93109051	-0,016	0,307
CHR8	4666961	CHR8:4666961	SSF x Near_LoA	-11,0782362	-0,072	0,299
CHR8	4667055	CHR8:4667055	SSF x Near_LoA	-11,2169111	-0,011	0,292
CHR8	4667583	CHR8:4667583	SSF x Near_LoA	-7,12874654	-0,096	0,303
CHR8	4667587	CHR8:4667587	SSF x Near_LoA	-11,5530208	-0,060	0,291
CHR8	4667634	CHR8:4667634	SSF x Near_LoA	-11,4425381	0,038	0,309
CHR8	4679556	CHR8:4679556	SSF x Near_LoA	-11,2603325	-0,007	0,299
CHR8	4679570	CHR8:4679570	SSF x Near_LoA	-8,24818748	-0,077	0,292
CHR8	4679595	CHR8:4679595	SSF x Near_LoA	-10,9004602	0,026	0,302
CHR8	4679618	CHR8:4679618	SSF x Near_LoA	-8,99516736	0,047	0,288
CHR8	4679665	CHR8:4679665	SSF x Near_LoA	-11,2747579	0,058	0,303
CHR8	4679675	CHR8:4679675	SSF x Near_LoA	-7,43428768	-0,042	0,306
CHR8	4679679	CHR8:4679679	SSF x Near_LoA	-10,4766804	0,005	0,302
CHR8	4679684	CHR8:4679684	SSF x Near_LoA	-7,45303245	0,164	0,298
CHR8	4680288	CHR8:4680288	SSF x Near_LoA	-9,13323444	-0,049	0,315
CHR8	4680289	CHR8:4680289	SSF x Near_LoA	-8,32950364	0,155	0,303
CHR8	4680323	CHR8:4680323	SSF x Near_LoA	-9,90477374	0,079	0,300
CHR8	4680359	CHR8:4680359	SSF x Near_LoA	-10,4311683	-0,073	0,305
CHR8	4682829	CHR8:4682829	SSF x Near_LoA	-10,0472769	-0,162	0,308
CHR8	4682999	CHR8:4682999	SSF x Near_LoA	-11,2349775	-0,011	0,314
CHR8	4700837	CHR8:4700837	SSF x Near_LoA	-9,86399554	-0,077	0,309
CHR8	4705165	CHR8:4705165	SSF x Near_LoA	-8,69524944	0,110	0,300

CHR8	4705249	CHR8:4705249	SSF x Near_LoA	-9,39709406	0,044	0,302
CHR8	4707314	CHR8:4707314	SSF x Near_LoA	-5,93078993	0,041	0,306
CHR8	4707419	CHR8:4707419	SSF x Near_LoA	-11,9276866	-0,045	0,309
CHR8	4707434	CHR8:4707434	SSF x Near_LoA	-6,21063532	-0,125	0,290
CHR8	4707572	CHR8:4707572	SSF x Near_LoA	-12,0197437	-0,032	0,310
CHR8	471343	CHR8:471343	SSF x Near_LoA	-8,47088562	-0,099	0,310
CHR8	471510	CHR8:471510	SSF x Near_LoA	-5,57205702	0,111	0,295
CHR8	4717262	CHR8:4717262	SSF x Near_LoA	-11,0089552	-0,058	0,305
CHR8	4717294	CHR8:4717294	SSF x Near_LoA	-8,6022061	-0,007	0,310
CHR8	4724226	CHR8:4724226	SSF x Near_LoA	-9,02312796	0,037	0,294
CHR8	4724855	CHR8:4724855	SSF x Near_LoA	-6,97995842	0,126	0,303
CHR8	4724923	CHR8:4724923	SSF x Near_LoA	-7,88242903	0,067	0,313
CHR8	4724937	CHR8:4724937	SSF x Near_LoA	-7,96996763	0,028	0,320
CHR8	4724939	CHR8:4724939	SSF x Near_LoA	-8,2163192	0,054	0,308
CHR8	4739635	CHR8:4739635	SSF x Near_LoA	-9,62422494	0,115	0,310
CHR8	4739661	CHR8:4739661	SSF x Near_LoA	-9,26923915	0,134	0,311
CHR8	4748174	CHR8:4748174	SSF x Near_LoA	-6,8488002	0,045	0,319
CHR8	4748262	CHR8:4748262	SSF x Near_LoA	-9,70300518	0,034	0,298
CHR8	4748295	CHR8:4748295	SSF x Near_LoA	-8,13903437	-0,027	0,312
CHR8	4761171	CHR8:4761171	SSF x Near_LoA	-10,1195469	0,026	0,287
CHR8	4763586	CHR8:4763586	SSF x Near_LoA	-8,0054195	-0,134	0,310
CHR8	4763624	CHR8:4763624	SSF x Near_LoA	-6,63131382	-0,093	0,312
CHR8	4763626	CHR8:4763626	SSF x Near_LoA	-9,72668112	-0,049	0,292
CHR8	476908	CHR8:476908	SSF x Near_LoA	-8,17229569	0,092	0,310
CHR8	476958	CHR8:476958	SSF x Near_LoA	-9,07151479	-0,051	0,305
CHR8	476981	CHR8:476981	SSF x Near_LoA	-10,24698	-0,053	0,303
CHR8	4777730	CHR8:4777730	SSF x Near_LoA	-8,73129551	0,074	0,303
CHR8	4777738	CHR8:4777738	SSF x Near_LoA	-10,0603652	-0,013	0,309
CHR8	4777776	CHR8:4777776	SSF x Near_LoA	-10,6518972	-0,008	0,308
CHR8	4777801	CHR8:4777801	SSF x Near_LoA	-9,90505042	-0,002	0,297
CHR8	4777810	CHR8:4777810	SSF x Near_LoA	-9,56876584	0,004	0,312
CHR8	4777816	CHR8:4777816	SSF x Near_LoA	-11,1281147	0,061	0,301
CHR8	4777841	CHR8:4777841	SSF x Near_LoA	-11,3027419	0,051	0,304
CHR8	4777941	CHR8:4777941	SSF x Near_LoA	-11,5072706	0,018	0,298
CHR8	4777946	CHR8:4777946	SSF x Near_LoA	-10,8665403	0,016	0,303
CHR8	4784807	CHR8:4784807	SSF x Near_LoA	-5,79729021	0,073	0,311
CHR8	4788259	CHR8:4788259	SSF x Near_LoA	-8,15078359	0,080	0,316
CHR8	4788335	CHR8:4788335	SSF x Near_LoA	-10,3008571	-0,023	0,306
CHR8	4788336	CHR8:4788336	SSF x Near_LoA	-7,76886343	-0,028	0,325
CHR8	4788381	CHR8:4788381	SSF x Near_LoA	-9,47754806	-0,078	0,309
CHR8	4788394	CHR8:4788394	SSF x Near_LoA	-8,5357741	-0,039	0,300
CHR8	4788494	CHR8:4788494	SSF x Near_LoA	-8,88074438	0,042	0,292
CHR8	4793007	CHR8:4793007	SSF x Near_LoA	-6,00032333	-0,202	0,285
CHR8	4793127	CHR8:4793127	SSF x Near_LoA	-10,7900513	-0,005	0,306
CHR8	4797364	CHR8:4797364	SSF x Near_LoA	-8,17739244	0,153	0,308
CHR8	4797430	CHR8:4797430	SSF x Near_LoA	-6,8667957	0,122	0,304
CHR8	4797435	CHR8:4797435	SSF x Near_LoA	-6,94769715	0,115	0,305
CHR8	4797518	CHR8:4797518	SSF x Near_LoA	-8,35057554	0,068	0,310
CHR8	4797549	CHR8:4797549	SSF x Near_LoA	-11,7823262	-0,014	0,303
CHR8	4803823	CHR8:4803823	SSF x Near_LoA	-10,5622225	0,069	0,293
CHR8	4805827	CHR8:4805827	SSF x Near_LoA	-6,58678072	-0,067	0,315
CHR8	4812222	CHR8:4812222	SSF x Near_LoA	-8,16495693	0,005	0,308
CHR8	4845390	CHR8:4845390	SSF x Near_LoA	-11,7072591	-0,002	0,298

CHR8	4845604	CHR8:4845604	SSF x Near_LoA	-6,63307483	-0,013	0,314
CHR8	4866102	CHR8:4866102	SSF x Near_LoA	-10,9160568	-0,083	0,318
CHR8	4866486	CHR8:4866486	SSF x Near_LoA	-10,1768753	-0,089	0,315
CHR8	4874573	CHR8:4874573	SSF x Near_LoA	-9,00944934	0,022	0,308
CHR8	4887950	CHR8:4887950	SSF x Near_LoA	-8,95067188	-0,016	0,318
CHR8	4893003	CHR8:4893003	SSF x Near_LoA	-11,4141968	-0,006	0,311
CHR8	489322	CHR8:489322	SSF x Near_LoA	-11,2728474	0,098	0,311
CHR8	4905256	CHR8:4905256	SSF x Near_LoA	-8,21961389	-0,059	0,307
CHR8	4911868	CHR8:4911868	SSF x Near_LoA	-5,81471135	-0,090	0,311
CHR8	492171	CHR8:492171	SSF x Near_LoA	-7,66510732	-0,035	0,312
CHR8	4922012	CHR8:4922012	SSF x Near_LoA	-10,1799046	0,022	0,298
CHR8	4922020	CHR8:4922020	SSF x Near_LoA	-11,5147402	-0,049	0,303
CHR8	4928982	CHR8:4928982	SSF x Near_LoA	-8,8971738	-0,045	0,307
CHR8	4929004	CHR8:4929004	SSF x Near_LoA	-7,22911679	0,073	0,325
CHR8	4929051	CHR8:4929051	SSF x Near_LoA	-3,87558505	-0,077	0,306
CHR8	4929060	CHR8:4929060	SSF x Near_LoA	-8,36038902	-0,079	0,303
CHR8	4932706	CHR8:4932706	SSF x Near_LoA	-8,86092109	0,119	0,298
CHR8	4932741	CHR8:4932741	SSF x Near_LoA	-8,86511502	-0,061	0,303
CHR8	4932949	CHR8:4932949	SSF x Near_LoA	-9,35836537	-0,049	0,304
CHR8	4939146	CHR8:4939146	SSF x Near_LoA	-10,9802657	0,026	0,315
CHR8	4939169	CHR8:4939169	SSF x Near_LoA	-11,6838547	-0,077	0,305
CHR8	4939246	CHR8:4939246	SSF x Near_LoA	-11,2569314	0,067	0,307
CHR8	4939261	CHR8:4939261	SSF x Near_LoA	-6,40763183	-0,057	0,305
CHR8	4945899	CHR8:4945899	SSF x Near_LoA	-10,8656918	-0,145	0,300
CHR8	4945947	CHR8:4945947	SSF x Near_LoA	-9,34263018	-0,017	0,299
CHR8	4947865	CHR8:4947865	SSF x Near_LoA	-10,5270953	-0,033	0,307
CHR8	4947974	CHR8:4947974	SSF x Near_LoA	-8,12164716	0,114	0,317
CHR8	4956252	CHR8:4956252	SSF x Near_LoA	-9,61893353	-0,100	0,313
CHR8	4956412	CHR8:4956412	SSF x Near_LoA	-11,5462449	0,052	0,309
CHR8	4956446	CHR8:4956446	SSF x Near_LoA	-8,84442032	0,011	0,318
CHR8	4956450	CHR8:4956450	SSF x Near_LoA	-10,1767756	0,009	0,310
CHR8	4956462	CHR8:4956462	SSF x Near_LoA	-9,76246809	0,043	0,316
CHR8	4956472	CHR8:4956472	SSF x Near_LoA	-8,84008159	0,024	0,304
CHR8	4956484	CHR8:4956484	SSF x Near_LoA	-8,24357953	0,021	0,320
CHR8	4958109	CHR8:4958109	SSF x Near_LoA	-6,42551565	-0,146	0,312
CHR8	4958112	CHR8:4958112	SSF x Near_LoA	-5,20906234	-0,116	0,313
CHR8	4958343	CHR8:4958343	SSF x Near_LoA	-9,20273235	0,005	0,300
CHR8	4958347	CHR8:4958347	SSF x Near_LoA	-9,72450504	-0,077	0,303
CHR8	4958356	CHR8:4958356	SSF x Near_LoA	-2,7381414	0,156	0,313
CHR8	4971370	CHR8:4971370	SSF x Near_LoA	-9,94443125	-0,027	0,302
CHR8	4971395	CHR8:4971395	SSF x Near_LoA	-9,57085932	0,047	0,305
CHR8	497246	CHR8:497246	SSF x Near_LoA	-9,88571809	0,046	0,310
CHR8	497255	CHR8:497255	SSF x Near_LoA	-7,15463388	0,056	0,321
CHR8	4972741	CHR8:4972741	SSF x Near_LoA	-11,6175875	0,090	0,305
CHR8	4972766	CHR8:4972766	SSF x Near_LoA	-9,61677195	0,116	0,302
CHR8	4974495	CHR8:4974495	SSF x Near_LoA	-9,91046565	-0,078	0,294
CHR8	4987203	CHR8:4987203	SSF x Near_LoA	-8,108585	0,025	0,310
CHR8	4987227	CHR8:4987227	SSF x Near_LoA	-9,78456651	-0,044	0,326
CHR8	4992177	CHR8:4992177	SSF x Near_LoA	-7,08459277	-0,105	0,308
CHR8	4992289	CHR8:4992289	SSF x Near_LoA	-11,004864	0,060	0,306
CHR8	5000259	CHR8:5000259	SSF x Near_LoA	-9,19371884	0,016	0,316
CHR8	5008832	CHR8:5008832	SSF x Near_LoA	-10,10458	0,044	0,302
CHR8	5026853	CHR8:5026853	SSF x Near_LoA	-11,1404505	-0,057	0,301

CHR8	5026960	CHR8:5026960	SSF x Near_LoA	-8,81002438	-0,064	0,301
CHR8	503220	CHR8:503220	SSF x Near_LoA	-10,4739764	-0,103	0,298
CHR8	503312	CHR8:503312	SSF x Near_LoA	6,08337913	-0,042	0,326
CHR8	503382	CHR8:503382	SSF x Near_LoA	-11,3122061	0,034	0,313
CHR8	5036365	CHR8:5036365	SSF x Near_LoA	-5,50090555	0,043	0,288
CHR8	5039414	CHR8:5039414	SSF x Near_LoA	-10,7850403	0,047	0,307
CHR8	5039415	CHR8:5039415	SSF x Near_LoA	-9,84691804	0,046	0,309
CHR8	5039494	CHR8:5039494	SSF x Near_LoA	-6,69146389	0,139	0,304
CHR8	5039577	CHR8:5039577	SSF x Near_LoA	-9,18797096	-0,040	0,306
CHR8	5039618	CHR8:5039618	SSF x Near_LoA	-5,76076608	-0,043	0,310
CHR8	5039676	CHR8:5039676	SSF x Near_LoA	-8,35713077	-0,005	0,310
CHR8	5041029	CHR8:5041029	SSF x Near_LoA	-9,14803801	-0,081	0,299
CHR8	5041189	CHR8:5041189	SSF x Near_LoA	-7,58762554	-0,070	0,312
CHR8	5041195	CHR8:5041195	SSF x Near_LoA	-6,13861548	-0,153	0,311
CHR8	5050398	CHR8:5050398	SSF x Near_LoA	-7,17752454	0,071	0,309
CHR8	5050458	CHR8:5050458	SSF x Near_LoA	-8,40656326	0,070	0,306
CHR8	5050490	CHR8:5050490	SSF x Near_LoA	-8,80417374	-0,025	0,310
CHR8	5050496	CHR8:5050496	SSF x Near_LoA	-4,37020635	-0,014	0,319
CHR8	5051588	CHR8:5051588	SSF x Near_LoA	-4,61059875	-0,033	0,318
CHR8	5052596	CHR8:5052596	SSF x Near_LoA	-8,91348194	0,078	0,308
CHR8	5052640	CHR8:5052640	SSF x Near_LoA	-10,7617257	0,064	0,306
CHR8	5052679	CHR8:5052679	SSF x Near_LoA	-9,30328039	0,054	0,313
CHR8	5055489	CHR8:5055489	SSF x Near_LoA	-8,16825168	-0,023	0,323
CHR8	5055512	CHR8:5055512	SSF x Near_LoA	-4,21071397	0,003	0,309
CHR8	5055516	CHR8:5055516	SSF x Near_LoA	-10,3120174	-0,042	0,294
CHR8	5055527	CHR8:5055527	SSF x Near_LoA	-8,0391179	0,004	0,315
CHR8	5056682	CHR8:5056682	SSF x Near_LoA	-7,35749338	-0,117	0,297
CHR8	506527	CHR8:506527	SSF x Near_LoA	-9,51174854	-0,106	0,311
CHR8	506536	CHR8:506536	SSF x Near_LoA	-6,1630583	-0,054	0,302
CHR8	506598	CHR8:506598	SSF x Near_LoA	-11,6197075	-0,012	0,301
CHR8	506625	CHR8:506625	SSF x Near_LoA	-9,66166585	-0,031	0,304
CHR8	5078208	CHR8:5078208	SSF x Near_LoA	-10,8243124	0,020	0,319
CHR8	5084416	CHR8:5084416	SSF x Near_LoA	-8,24036337	0,081	0,306
CHR8	5084438	CHR8:5084438	SSF x Near_LoA	-8,65230496	0,068	0,304
CHR8	5086972	CHR8:5086972	SSF x Near_LoA	-7,49637577	0,041	0,296
CHR8	5093105	CHR8:5093105	SSF x Near_LoA	-9,53619611	-0,086	0,292
CHR8	5093109	CHR8:5093109	SSF x Near_LoA	-10,054469	-0,031	0,313
CHR8	5093116	CHR8:5093116	SSF x Near_LoA	-6,3287073	0,087	0,310
CHR8	5102577	CHR8:5102577	SSF x Near_LoA	-9,54415749	-0,119	0,309
CHR8	5102616	CHR8:5102616	SSF x Near_LoA	-6,77818978	0,055	0,310
CHR8	5102626	CHR8:5102626	SSF x Near_LoA	-9,89101347	0,022	0,294
CHR8	5102767	CHR8:5102767	SSF x Near_LoA	-12,0582852	-0,027	0,314
CHR8	5102854	CHR8:5102854	SSF x Near_LoA	-9,64695427	0,060	0,295
CHR8	5109912	CHR8:5109912	SSF x Near_LoA	-10,9176086	0,036	0,302
CHR8	5110113	CHR8:5110113	SSF x Near_LoA	-7,23841514	-0,154	0,297
CHR8	5116150	CHR8:5116150	SSF x Near_LoA	-1,91634367	0,043	0,312
CHR8	5116164	CHR8:5116164	SSF x Near_LoA	-9,99603311	0,066	0,302
CHR8	5116233	CHR8:5116233	SSF x Near_LoA	-11,0832589	-0,015	0,319
CHR8	5128706	CHR8:5128706	SSF x Near_LoA	-10,1095956	-0,093	0,307
CHR8	5129889	CHR8:5129889	SSF x Near_LoA	-11,8186644	0,018	0,309
CHR8	5129894	CHR8:5129894	SSF x Near_LoA	-8,00611059	-0,050	0,296
CHR8	5129914	CHR8:5129914	SSF x Near_LoA	-10,6974572	0,027	0,320
CHR8	5129916	CHR8:5129916	SSF x Near_LoA	-4,76177026	0,014	0,308

CHR8	5129934	CHR8:5129934	SSF x Near_LoA	-8,85057661	0,016	0,310
CHR8	5129942	CHR8:5129942	SSF x Near_LoA	-8,04024904	-0,064	0,303
CHR8	5129976	CHR8:5129976	SSF x Near_LoA	-8,5011	0,178	0,300
CHR8	5129980	CHR8:5129980	SSF x Near_LoA	-10,1242868	0,094	0,303
CHR8	5130248	CHR8:5130248	SSF x Near_LoA	-8,48428425	0,025	0,309
CHR8	5130324	CHR8:5130324	SSF x Near_LoA	-10,7512549	-0,001	0,301
CHR8	5130350	CHR8:5130350	SSF x Near_LoA	-7,45980389	-0,043	0,306
CHR8	5149434	CHR8:5149434	SSF x Near_LoA	-9,34047581	-0,032	0,321
CHR8	5149480	CHR8:5149480	SSF x Near_LoA	-8,89142842	0,017	0,321
CHR8	5157007	CHR8:5157007	SSF x Near_LoA	-5,41204251	-0,032	0,314
CHR8	5157010	CHR8:5157010	SSF x Near_LoA	-9,64740041	-0,026	0,318
CHR8	5157216	CHR8:5157216	SSF x Near_LoA	-8,54189506	0,120	0,318
CHR8	5157246	CHR8:5157246	SSF x Near_LoA	-7,91439329	0,133	0,300
CHR8	5165344	CHR8:5165344	SSF x Near_LoA	-11,1193031	-0,051	0,307
CHR8	5165395	CHR8:5165395	SSF x Near_LoA	-8,14807132	-0,056	0,309
CHR8	5165465	CHR8:5165465	SSF x Near_LoA	-10,3177444	-0,063	0,311
CHR8	5165486	CHR8:5165486	SSF x Near_LoA	-10,9034287	0,013	0,312
CHR8	5165518	CHR8:5165518	SSF x Near_LoA	-8,32621142	-0,071	0,305
CHR8	5169057	CHR8:5169057	SSF x Near_LoA	-8,75482347	0,055	0,291
CHR8	5169094	CHR8:5169094	SSF x Near_LoA	-5,3645867	-0,103	0,313
CHR8	5169502	CHR8:5169502	SSF x Near_LoA	-10,9559019	0,041	0,314
CHR8	5169525	CHR8:5169525	SSF x Near_LoA	-7,06790306	0,004	0,305
CHR8	5169594	CHR8:5169594	SSF x Near_LoA	-8,51415019	0,081	0,313
CHR8	5169612	CHR8:5169612	SSF x Near_LoA	-8,51941001	0,068	0,315
CHR8	517581	CHR8:517581	SSF x Near_LoA	-10,8952117	0,038	0,298
CHR8	5178584	CHR8:5178584	SSF x Near_LoA	-9,40029362	-0,129	0,306
CHR8	5178623	CHR8:5178623	SSF x Near_LoA	-7,87804308	-0,106	0,312
CHR8	5183392	CHR8:5183392	SSF x Near_LoA	-9,16081144	0,075	0,320
CHR8	5183406	CHR8:5183406	SSF x Near_LoA	-8,55248216	0,099	0,307
CHR8	5192231	CHR8:5192231	SSF x Near_LoA	-9,88726305	-0,023	0,305
CHR8	5192262	CHR8:5192262	SSF x Near_LoA	-10,3811136	0,062	0,319
CHR8	5192263	CHR8:5192263	SSF x Near_LoA	-9,98999653	0,037	0,317
CHR8	5192265	CHR8:5192265	SSF x Near_LoA	-10,3869347	0,046	0,302
CHR8	5206741	CHR8:5206741	SSF x Near_LoA	-9,22774623	0,010	0,303
CHR8	5206759	CHR8:5206759	SSF x Near_LoA	-8,69966852	-0,134	0,310
CHR8	5206770	CHR8:5206770	SSF x Near_LoA	-5,78146932	-0,117	0,309
CHR8	5238365	CHR8:5238365	SSF x Near_LoA	-8,38085971	0,086	0,308
CHR8	5239066	CHR8:5239066	SSF x Near_LoA	-7,21422347	-0,011	0,312
CHR8	5252404	CHR8:5252404	SSF x Near_LoA	-6,8844457	0,162	0,306
CHR8	528349	CHR8:528349	SSF x Near_LoA	-8,94999529	-0,092	0,291
CHR8	528379	CHR8:528379	SSF x Near_LoA	-10,3059293	-0,055	0,296
CHR8	528442	CHR8:528442	SSF x Near_LoA	-7,71902879	-0,111	0,302
CHR8	5297644	CHR8:5297644	SSF x Near_LoA	-4,01339902	0,061	0,304
CHR8	5304117	CHR8:5304117	SSF x Near_LoA	-6,52538113	-0,164	0,287
CHR8	5321737	CHR8:5321737	SSF x Near_LoA	-11,360728	0,007	0,300
CHR8	5324879	CHR8:5324879	SSF x Near_LoA	-11,6321673	0,060	0,311
CHR8	5326510	CHR8:5326510	SSF x Near_LoA	-9,13719666	-0,039	0,294
CHR8	533481	CHR8:533481	SSF x Near_LoA	-9,1462389	-0,130	0,303
CHR8	533712	CHR8:533712	SSF x Near_LoA	-10,559411	-0,047	0,308
CHR8	5363338	CHR8:5363338	SSF x Near_LoA	-9,92320434	0,152	0,302
CHR8	537217	CHR8:537217	SSF x Near_LoA	-10,5378032	-0,062	0,323
CHR8	5372864	CHR8:5372864	SSF x Near_LoA	-9,42976737	0,082	0,307
CHR8	537301	CHR8:537301	SSF x Near_LoA	-7,33374365	0,001	0,310

CHR8	5378702	CHR8:5378702	SSF x Near_LoA	-8,69218985	-0,009	0,296
CHR8	5383068	CHR8:5383068	SSF x Near_LoA	-8,23720055	-0,019	0,291
CHR8	5383465	CHR8:5383465	SSF x Near_LoA	-9,67688098	0,053	0,320
CHR8	5384413	CHR8:5384413	SSF x Near_LoA	-9,37291073	0,053	0,300
CHR8	5384456	CHR8:5384456	SSF x Near_LoA	-9,78521338	-0,070	0,310
CHR8	5389164	CHR8:5389164	SSF x Near_LoA	-6,07376553	-0,045	0,323
CHR8	5389216	CHR8:5389216	SSF x Near_LoA	-6,83257387	-0,044	0,310
CHR8	5389249	CHR8:5389249	SSF x Near_LoA	-9,87354325	-0,073	0,301
CHR8	5389264	CHR8:5389264	SSF x Near_LoA	-9,86511181	0,058	0,301
CHR8	5389319	CHR8:5389319	SSF x Near_LoA	-8,99140334	0,043	0,318
CHR8	5389333	CHR8:5389333	SSF x Near_LoA	-9,3095509	-0,107	0,317
CHR8	5389394	CHR8:5389394	SSF x Near_LoA	-8,83209284	-0,127	0,292
CHR8	5389408	CHR8:5389408	SSF x Near_LoA	-3,98925174	0,204	0,301
CHR8	5400952	CHR8:5400952	SSF x Near_LoA	-10,4199015	0,003	0,291
CHR8	5401044	CHR8:5401044	SSF x Near_LoA	-8,37415709	-0,078	0,310
CHR8	5402865	CHR8:5402865	SSF x Near_LoA	-10,5015658	0,068	0,302
CHR8	5402866	CHR8:5402866	SSF x Near_LoA	-9,17189896	0,064	0,306
CHR8	5409588	CHR8:5409588	SSF x Near_LoA	-9,82960414	-0,034	0,296
CHR8	5409615	CHR8:5409615	SSF x Near_LoA	-7,46117723	0,095	0,303
CHR8	5409617	CHR8:5409617	SSF x Near_LoA	-8,81043664	-0,103	0,301
CHR8	5409674	CHR8:5409674	SSF x Near_LoA	-7,19750774	-0,110	0,324
CHR8	5411275	CHR8:5411275	SSF x Near_LoA	-9,78203779	-0,042	0,309
CHR8	5411278	CHR8:5411278	SSF x Near_LoA	-11,0426829	-0,051	0,317
CHR8	5411522	CHR8:5411522	SSF x Near_LoA	-9,3848677	-0,108	0,300
CHR8	5415641	CHR8:5415641	SSF x Near_LoA	-11,368746	0,115	0,318
CHR8	5415676	CHR8:5415676	SSF x Near_LoA	-10,8911724	0,056	0,309
CHR8	5415688	CHR8:5415688	SSF x Near_LoA	-11,754679	0,046	0,312
CHR8	541824	CHR8:541824	SSF x Near_LoA	-9,79316872	-0,046	0,315
CHR8	541866	CHR8:541866	SSF x Near_LoA	-11,1344797	0,095	0,289
CHR8	541890	CHR8:541890	SSF x Near_LoA	-10,1208166	-0,018	0,311
CHR8	541905	CHR8:541905	SSF x Near_LoA	-8,95513748	0,013	0,307
CHR8	541918	CHR8:541918	SSF x Near_LoA	-9,72336216	-0,011	0,286
CHR8	5422290	CHR8:5422290	SSF x Near_LoA	-9,57931849	0,074	0,298
CHR8	5422513	CHR8:5422513	SSF x Near_LoA	-10,1585194	-0,056	0,293
CHR8	5428331	CHR8:5428331	SSF x Near_LoA	-10,2069027	-0,011	0,314
CHR8	5428379	CHR8:5428379	SSF x Near_LoA	-10,0028103	-0,082	0,300
CHR8	5428404	CHR8:5428404	SSF x Near_LoA	-7,93995547	-0,061	0,298
CHR8	5428446	CHR8:5428446	SSF x Near_LoA	-10,4074451	-0,046	0,308
CHR8	5428507	CHR8:5428507	SSF x Near_LoA	-8,82219844	-0,043	0,303
CHR8	5433607	CHR8:5433607	SSF x Near_LoA	-8,30454228	0,031	0,307
CHR8	5433612	CHR8:5433612	SSF x Near_LoA	-6,49903565	-0,169	0,289
CHR8	5433626	CHR8:5433626	SSF x Near_LoA	-11,8052674	0,059	0,297
CHR8	5433645	CHR8:5433645	SSF x Near_LoA	-7,69258111	0,002	0,299
CHR8	5433660	CHR8:5433660	SSF x Near_LoA	-5,77878185	-0,158	0,305
CHR8	5433668	CHR8:5433668	SSF x Near_LoA	-7,68611241	-0,180	0,294
CHR8	5438092	CHR8:5438092	SSF x Near_LoA	-0,90940029	0,012	0,301
CHR8	5438162	CHR8:5438162	SSF x Near_LoA	-11,4594049	0,042	0,311
CHR8	5438241	CHR8:5438241	SSF x Near_LoA	-7,20872422	0,150	0,313
CHR8	5438271	CHR8:5438271	SSF x Near_LoA	-8,69877921	-0,025	0,301
CHR8	5438340	CHR8:5438340	SSF x Near_LoA	-9,42973692	0,035	0,315
CHR8	5441879	CHR8:5441879	SSF x Near_LoA	-7,23489003	-0,124	0,304
CHR8	5446358	CHR8:5446358	SSF x Near_LoA	-9,63233579	0,013	0,309
CHR8	5446375	CHR8:5446375	SSF x Near_LoA	-9,18978604	-0,046	0,315

CHR8	5446408	CHR8:5446408	SSF x Near_LoA	-9,17326576	-0,085	0,309
CHR8	5447365	CHR8:5447365	SSF x Near_LoA	-7,99100066	-0,055	0,308
CHR8	5447386	CHR8:5447386	SSF x Near_LoA	-8,09826569	0,042	0,298
CHR8	5462099	CHR8:5462099	SSF x Near_LoA	-10,7993255	0,108	0,294
CHR8	5462117	CHR8:5462117	SSF x Near_LoA	-6,09762274	-0,154	0,305
CHR8	5462140	CHR8:5462140	SSF x Near_LoA	-8,58284139	-0,056	0,319
CHR8	5462160	CHR8:5462160	SSF x Near_LoA	-10,7201588	0,043	0,285
CHR8	5462169	CHR8:5462169	SSF x Near_LoA	-10,2902585	-0,035	0,314
CHR8	5462211	CHR8:5462211	SSF x Near_LoA	-9,59184918	0,044	0,309
CHR8	5462343	CHR8:5462343	SSF x Near_LoA	-8,83363214	-0,101	0,301
CHR8	5462378	CHR8:5462378	SSF x Near_LoA	-9,54550208	-0,133	0,301
CHR8	5466383	CHR8:5466383	SSF x Near_LoA	-8,6209294	-0,047	0,314
CHR8	5470761	CHR8:5470761	SSF x Near_LoA	-8,7280619	-0,069	0,301
CHR8	5472271	CHR8:5472271	SSF x Near_LoA	-9,40951247	0,001	0,321
CHR8	5472295	CHR8:5472295	SSF x Near_LoA	-9,65647451	-0,084	0,302
CHR8	5473782	CHR8:5473782	SSF x Near_LoA	-8,9540864	0,036	0,302
CHR8	5475890	CHR8:5475890	SSF x Near_LoA	-10,0295988	0,088	0,312
CHR8	5475930	CHR8:5475930	SSF x Near_LoA	-9,70498978	-0,055	0,305
CHR8	5485935	CHR8:5485935	SSF x Near_LoA	-11,0613801	0,036	0,320
CHR8	5489065	CHR8:5489065	SSF x Near_LoA	-7,53945554	0,120	0,306
CHR8	5489109	CHR8:5489109	SSF x Near_LoA	-10,0844146	-0,088	0,321
CHR8	5489146	CHR8:5489146	SSF x Near_LoA	-8,97906672	-0,050	0,306
CHR8	5489182	CHR8:5489182	SSF x Near_LoA	-8,1061387	0,041	0,313
CHR8	5489186	CHR8:5489186	SSF x Near_LoA	-9,1429515	-0,037	0,293
CHR8	5489212	CHR8:5489212	SSF x Near_LoA	-9,36300684	0,034	0,303
CHR8	5501067	CHR8:5501067	SSF x Near_LoA	-7,50381065	-0,100	0,314
CHR8	5501137	CHR8:5501137	SSF x Near_LoA	-9,22029542	-0,068	0,299
CHR8	5501225	CHR8:5501225	SSF x Near_LoA	-8,53178771	-0,004	0,313
CHR8	5501228	CHR8:5501228	SSF x Near_LoA	-8,93555881	0,026	0,305
CHR8	5502600	CHR8:5502600	SSF x Near_LoA	-11,603231	0,017	0,312
CHR8	5502618	CHR8:5502618	SSF x Near_LoA	-8,71814932	0,097	0,300
CHR8	5502659	CHR8:5502659	SSF x Near_LoA	-9,6122609	-0,152	0,291
CHR8	550796	CHR8:550796	SSF x Near_LoA	-4,16721571	-0,060	0,311
CHR8	550879	CHR8:550879	SSF x Near_LoA	-7,73625092	0,079	0,307
CHR8	5544447	CHR8:5544447	SSF x Near_LoA	-11,3530649	0,020	0,305
CHR8	5544448	CHR8:5544448	SSF x Near_LoA	-10,7754324	-0,009	0,316
CHR8	5544451	CHR8:5544451	SSF x Near_LoA	-7,19868881	0,070	0,313
CHR8	5544479	CHR8:5544479	SSF x Near_LoA	-8,9729243	0,065	0,304
CHR8	5544516	CHR8:5544516	SSF x Near_LoA	-8,00488734	-0,123	0,304
CHR8	5544655	CHR8:5544655	SSF x Near_LoA	-9,51713757	0,037	0,307
CHR8	5558997	CHR8:5558997	SSF x Near_LoA	-6,55581177	-0,012	0,314
CHR8	5559003	CHR8:5559003	SSF x Near_LoA	-10,9767272	-0,018	0,301
CHR8	5559015	CHR8:5559015	SSF x Near_LoA	-10,0112332	0,038	0,308
CHR8	5559030	CHR8:5559030	SSF x Near_LoA	-0,9735303	0,103	0,312
CHR8	5559139	CHR8:5559139	SSF x Near_LoA	-11,3894125	0,001	0,311
CHR8	5559158	CHR8:5559158	SSF x Near_LoA	-9,89818028	-0,039	0,303
CHR8	5563991	CHR8:5563991	SSF x Near_LoA	-9,75572058	0,004	0,297
CHR8	5564018	CHR8:5564018	SSF x Near_LoA	-8,36795442	-0,003	0,321
CHR8	5564044	CHR8:5564044	SSF x Near_LoA	-8,83974545	0,095	0,321
CHR8	5564047	CHR8:5564047	SSF x Near_LoA	-8,50683956	0,049	0,309
CHR8	5564074	CHR8:5564074	SSF x Near_LoA	-10,5694485	0,110	0,317
CHR8	5564094	CHR8:5564094	SSF x Near_LoA	-9,08022281	-0,175	0,316
CHR8	5564096	CHR8:5564096	SSF x Near_LoA	-4,44683581	0,045	0,317

CHR8	5564224	CHR8:5564224	SSF x Near_LoA	-10,1527929	-0,032	0,308
CHR8	5565984	CHR8:5565984	SSF x Near_LoA	-7,90061787	0,116	0,287
CHR8	5566012	CHR8:5566012	SSF x Near_LoA	-7,90941383	-0,063	0,311
CHR8	5566029	CHR8:5566029	SSF x Near_LoA	-9,78190405	-0,125	0,311
CHR8	5566193	CHR8:5566193	SSF x Near_LoA	-8,83647777	0,079	0,301
CHR8	5571870	CHR8:5571870	SSF x Near_LoA	-9,04195404	-0,079	0,315
CHR8	5571899	CHR8:5571899	SSF x Near_LoA	-11,2221328	0,074	0,299
CHR8	5571951	CHR8:5571951	SSF x Near_LoA	-8,35571533	0,003	0,309
CHR8	5571998	CHR8:5571998	SSF x Near_LoA	-10,5856843	0,129	0,302
CHR8	5576256	CHR8:5576256	SSF x Near_LoA	-9,53273143	-0,152	0,291
CHR8	5576456	CHR8:5576456	SSF x Near_LoA	-8,22169664	0,018	0,315
CHR8	5583165	CHR8:5583165	SSF x Near_LoA	-10,9136088	0,046	0,307
CHR8	5588836	CHR8:5588836	SSF x Near_LoA	-9,16225139	-0,090	0,306
CHR8	5589074	CHR8:5589074	SSF x Near_LoA	-3,98616089	-0,171	0,320
CHR8	5589132	CHR8:5589132	SSF x Near_LoA	-8,74059885	0,002	0,305
CHR8	5592729	CHR8:5592729	SSF x Near_LoA	-8,08031935	-0,010	0,319
CHR8	5599369	CHR8:5599369	SSF x Near_LoA	-9,78813282	-0,079	0,287
CHR8	5599396	CHR8:5599396	SSF x Near_LoA	-9,70789933	0,111	0,313
CHR8	5599465	CHR8:5599465	SSF x Near_LoA	-10,1983643	-0,038	0,302
CHR8	5602424	CHR8:5602424	SSF x Near_LoA	-8,77814631	0,107	0,308
CHR8	5604516	CHR8:5604516	SSF x Near_LoA	-9,16005393	0,015	0,319
CHR8	560493	CHR8:560493	SSF x Near_LoA	-10,0461183	-0,030	0,331
CHR8	560611	CHR8:560611	SSF x Near_LoA	-10,122991	-0,011	0,310
CHR8	560622	CHR8:560622	SSF x Near_LoA	-5,55040168	0,135	0,306
CHR8	5621395	CHR8:5621395	SSF x Near_LoA	-7,7877842	0,070	0,316
CHR8	5621405	CHR8:5621405	SSF x Near_LoA	-12,4767504	0,025	0,298
CHR8	5621479	CHR8:5621479	SSF x Near_LoA	-10,7462017	-0,020	0,315
CHR8	5621516	CHR8:5621516	SSF x Near_LoA	-9,23998999	-0,071	0,313
CHR8	5622588	CHR8:5622588	SSF x Near_LoA	-11,8024209	-0,023	0,285
CHR8	5622639	CHR8:5622639	SSF x Near_LoA	-7,06504865	0,038	0,325
CHR8	5622658	CHR8:5622658	SSF x Near_LoA	-9,99344925	-0,023	0,323
CHR8	5622659	CHR8:5622659	SSF x Near_LoA	-10,0673437	0,012	0,299
CHR8	5622676	CHR8:5622676	SSF x Near_LoA	-10,1956238	0,065	0,315
CHR8	5630995	CHR8:5630995	SSF x Near_LoA	-8,06010062	-0,066	0,314
CHR8	5631003	CHR8:5631003	SSF x Near_LoA	-9,31020371	-0,151	0,304
CHR8	5631018	CHR8:5631018	SSF x Near_LoA	-9,08169167	0,015	0,313
CHR8	5631020	CHR8:5631020	SSF x Near_LoA	-8,94413109	0,027	0,312
CHR8	5631025	CHR8:5631025	SSF x Near_LoA	-8,32736345	0,090	0,289
CHR8	5631032	CHR8:5631032	SSF x Near_LoA	-5,47615972	-0,186	0,295
CHR8	563443	CHR8:563443	SSF x Near_LoA	-10,1220647	0,037	0,306
CHR8	563726	CHR8:563726	SSF x Near_LoA	-11,5209375	-0,067	0,304
CHR8	563759	CHR8:563759	SSF x Near_LoA	-8,81510616	-0,123	0,296
CHR8	5638799	CHR8:5638799	SSF x Near_LoA	-11,4341582	0,003	0,314
CHR8	5638841	CHR8:5638841	SSF x Near_LoA	-10,6770834	0,032	0,313
CHR8	5638854	CHR8:5638854	SSF x Near_LoA	-11,2551613	0,067	0,296
CHR8	5638864	CHR8:5638864	SSF x Near_LoA	-8,01721065	-0,033	0,314
CHR8	5638913	CHR8:5638913	SSF x Near_LoA	-10,220523	-0,043	0,312
CHR8	5638921	CHR8:5638921	SSF x Near_LoA	-10,3449441	-0,027	0,309
CHR8	5640481	CHR8:5640481	SSF x Near_LoA	-11,3836561	-0,021	0,297
CHR8	5640499	CHR8:5640499	SSF x Near_LoA	-6,18526761	-0,116	0,289
CHR8	5640580	CHR8:5640580	SSF x Near_LoA	-9,21368703	0,020	0,311
CHR8	5640679	CHR8:5640679	SSF x Near_LoA	-9,86323534	0,047	0,301
CHR8	5646661	CHR8:5646661	SSF x Near_LoA	-10,6088647	0,043	0,321

CHR8	5646776	CHR8:5646776	SSF x Near_LoA	-8,759331	0,082	0,300
CHR8	5656116	CHR8:5656116	SSF x Near_LoA	-6,84910775	-0,066	0,306
CHR8	5656117	CHR8:5656117	SSF x Near_LoA	-8,3624135	-0,051	0,305
CHR8	5656264	CHR8:5656264	SSF x Near_LoA	-4,4597513	0,115	0,295
CHR8	5661212	CHR8:5661212	SSF x Near_LoA	-5,80426955	0,029	0,308
CHR8	5661222	CHR8:5661222	SSF x Near_LoA	-10,869291	0,000	0,302
CHR8	5661224	CHR8:5661224	SSF x Near_LoA	-9,19540769	0,030	0,311
CHR8	5671927	CHR8:5671927	SSF x Near_LoA	-10,0777232	0,053	0,310
CHR8	5671979	CHR8:5671979	SSF x Near_LoA	-9,2056738	-0,114	0,297
CHR8	5683229	CHR8:5683229	SSF x Near_LoA	-6,67010193	0,069	0,291
CHR8	5683317	CHR8:5683317	SSF x Near_LoA	-8,76949855	0,016	0,285
CHR8	5683319	CHR8:5683319	SSF x Near_LoA	-5,75401733	-0,010	0,290
CHR8	5683325	CHR8:5683325	SSF x Near_LoA	-4,84418289	-0,079	0,278
CHR8	5683349	CHR8:5683349	SSF x Near_LoA	-7,33952259	-0,099	0,278
CHR8	5683366	CHR8:5683366	SSF x Near_LoA	-8,56486119	0,087	0,284
CHR8	5683416	CHR8:5683416	SSF x Near_LoA	-7,07424735	-0,169	0,289
CHR8	5683447	CHR8:5683447	SSF x Near_LoA	-11,002613	-0,090	0,315
CHR8	5690420	CHR8:5690420	SSF x Near_LoA	-9,64252435	0,096	0,318
CHR8	5690471	CHR8:5690471	SSF x Near_LoA	-7,02917301	0,009	0,304
CHR8	5690472	CHR8:5690472	SSF x Near_LoA	-8,82381259	-0,014	0,312
CHR8	5690494	CHR8:5690494	SSF x Near_LoA	-10,8191618	0,054	0,319
CHR8	5690518	CHR8:5690518	SSF x Near_LoA	-10,2064115	0,105	0,305
CHR8	5690529	CHR8:5690529	SSF x Near_LoA	-8,51932161	0,029	0,313
CHR8	5690565	CHR8:5690565	SSF x Near_LoA	-9,12041065	0,021	0,323
CHR8	5690586	CHR8:5690586	SSF x Near_LoA	-10,5388646	0,040	0,298
CHR8	5690588	CHR8:5690588	SSF x Near_LoA	-9,07414645	-0,042	0,298
CHR8	5690596	CHR8:5690596	SSF x Near_LoA	-7,98312751	0,004	0,306
CHR8	5695254	CHR8:5695254	SSF x Near_LoA	-4,87644836	-0,052	0,327
CHR8	5695680	CHR8:5695680	SSF x Near_LoA	-6,85198919	-0,208	0,300
CHR8	5695704	CHR8:5695704	SSF x Near_LoA	-7,26774724	-0,144	0,309
CHR8	5695712	CHR8:5695712	SSF x Near_LoA	6,54150298	0,182	0,299
CHR8	5706430	CHR8:5706430	SSF x Near_LoA	-8,91907837	-0,107	0,313
CHR8	5708683	CHR8:5708683	SSF x Near_LoA	-8,23656929	0,212	0,307
CHR8	5708703	CHR8:5708703	SSF x Near_LoA	-11,4357476	-0,016	0,306
CHR8	5708854	CHR8:5708854	SSF x Near_LoA	-7,68583779	0,162	0,306
CHR8	5709567	CHR8:5709567	SSF x Near_LoA	-11,0151005	-0,014	0,331
CHR8	5709650	CHR8:5709650	SSF x Near_LoA	-10,8540053	0,016	0,314
CHR8	5713521	CHR8:5713521	SSF x Near_LoA	-6,51257744	-0,021	0,313
CHR8	5713603	CHR8:5713603	SSF x Near_LoA	-11,6796585	-0,004	0,310
CHR8	5713700	CHR8:5713700	SSF x Near_LoA	-8,45045241	-0,079	0,316
CHR8	5713703	CHR8:5713703	SSF x Near_LoA	-8,42758292	0,114	0,306
CHR8	5716252	CHR8:5716252	SSF x Near_LoA	-10,9548989	-0,081	0,286
CHR8	5716261	CHR8:5716261	SSF x Near_LoA	-8,80386832	-0,079	0,314
CHR8	5716278	CHR8:5716278	SSF x Near_LoA	-11,681532	-0,020	0,309
CHR8	5716281	CHR8:5716281	SSF x Near_LoA	-8,70415285	-0,031	0,319
CHR8	5718004	CHR8:5718004	SSF x Near_LoA	-9,29390019	-0,034	0,307
CHR8	5718074	CHR8:5718074	SSF x Near_LoA	-8,8424599	-0,111	0,307
CHR8	5718092	CHR8:5718092	SSF x Near_LoA	-8,77737536	0,058	0,299
CHR8	5718106	CHR8:5718106	SSF x Near_LoA	-10,5269742	0,046	0,298
CHR8	5718128	CHR8:5718128	SSF x Near_LoA	-8,63031134	0,033	0,318
CHR8	5718129	CHR8:5718129	SSF x Near_LoA	-9,15633163	0,021	0,300
CHR8	5721381	CHR8:5721381	SSF x Near_LoA	-10,4779824	-0,062	0,303
CHR8	5730238	CHR8:5730238	SSF x Near_LoA	-9,42174091	0,036	0,313

CHR8	5730247	CHR8:5730247	SSF x Near_LoA	-7,65872041	-0,104	0,298
CHR8	5730327	CHR8:5730327	SSF x Near_LoA	-8,48300892	0,007	0,322
CHR8	573738	CHR8:573738	SSF x Near_LoA	-10,0441974	0,005	0,303
CHR8	573832	CHR8:573832	SSF x Near_LoA	-10,4720043	0,058	0,321
CHR8	5739114	CHR8:5739114	SSF x Near_LoA	-10,4081715	-0,081	0,318
CHR8	5741094	CHR8:5741094	SSF x Near_LoA	-8,75364965	0,022	0,309
CHR8	5741246	CHR8:5741246	SSF x Near_LoA	-11,7244552	0,016	0,303
CHR8	5741286	CHR8:5741286	SSF x Near_LoA	-9,65733924	-0,002	0,284
CHR8	5744406	CHR8:5744406	SSF x Near_LoA	-7,22276793	-0,073	0,310
CHR8	5744421	CHR8:5744421	SSF x Near_LoA	-7,03402709	-0,144	0,307
CHR8	5744424	CHR8:5744424	SSF x Near_LoA	-9,24060582	-0,041	0,312
CHR8	5744426	CHR8:5744426	SSF x Near_LoA	-3,88163344	-0,210	0,295
CHR8	5744486	CHR8:5744486	SSF x Near_LoA	-7,18262505	-0,030	0,299
CHR8	5744575	CHR8:5744575	SSF x Near_LoA	-8,2900132	0,076	0,315
CHR8	5752305	CHR8:5752305	SSF x Near_LoA	-9,69001654	0,002	0,312
CHR8	5752308	CHR8:5752308	SSF x Near_LoA	-8,93099398	-0,009	0,308
CHR8	5752355	CHR8:5752355	SSF x Near_LoA	-11,6240323	-0,025	0,298
CHR8	5752366	CHR8:5752366	SSF x Near_LoA	-10,6956015	0,012	0,308
CHR8	5752425	CHR8:5752425	SSF x Near_LoA	-9,39331616	-0,028	0,317
CHR8	5752525	CHR8:5752525	SSF x Near_LoA	-6,22239999	0,046	0,310
CHR8	5763818	CHR8:5763818	SSF x Near_LoA	-10,3544264	0,009	0,303
CHR8	5763877	CHR8:5763877	SSF x Near_LoA	-8,85704663	0,089	0,308
CHR8	5765316	CHR8:5765316	SSF x Near_LoA	-10,7163858	0,000	0,311
CHR8	5768077	CHR8:5768077	SSF x Near_LoA	-11,4218215	0,011	0,312
CHR8	5768121	CHR8:5768121	SSF x Near_LoA	-9,21325443	-0,017	0,307
CHR8	5768170	CHR8:5768170	SSF x Near_LoA	-11,0907163	0,112	0,305
CHR8	5768199	CHR8:5768199	SSF x Near_LoA	-8,71062764	-0,091	0,319
CHR8	5772846	CHR8:5772846	SSF x Near_LoA	-5,36597284	-0,023	0,314
CHR8	5772948	CHR8:5772948	SSF x Near_LoA	-11,0894757	-0,033	0,300
CHR8	5772963	CHR8:5772963	SSF x Near_LoA	-11,3186399	-0,084	0,300
CHR8	5773166	CHR8:5773166	SSF x Near_LoA	-12,1982852	0,016	0,303
CHR8	5773185	CHR8:5773185	SSF x Near_LoA	-7,31703991	0,087	0,303
CHR8	5773214	CHR8:5773214	SSF x Near_LoA	-7,58212935	-0,137	0,305
CHR8	5773224	CHR8:5773224	SSF x Near_LoA	-10,7972072	0,111	0,302
CHR8	5773237	CHR8:5773237	SSF x Near_LoA	-9,38223511	0,040	0,311
CHR8	5773246	CHR8:5773246	SSF x Near_LoA	-8,53686103	-0,046	0,292
CHR8	5773254	CHR8:5773254	SSF x Near_LoA	-9,71080656	0,016	0,290
CHR8	5773270	CHR8:5773270	SSF x Near_LoA	-10,4064752	-0,167	0,296
CHR8	5773289	CHR8:5773289	SSF x Near_LoA	-9,13671506	-0,091	0,307
CHR8	5774999	CHR8:5774999	SSF x Near_LoA	-4,73148092	0,142	0,303
CHR8	5775016	CHR8:5775016	SSF x Near_LoA	-7,57870817	-0,048	0,305
CHR8	5775056	CHR8:5775056	SSF x Near_LoA	-8,52712116	-0,027	0,325
CHR8	5775064	CHR8:5775064	SSF x Near_LoA	-7,64008769	0,094	0,294
CHR8	5775094	CHR8:5775094	SSF x Near_LoA	-11,445007	0,078	0,290
CHR8	5775107	CHR8:5775107	SSF x Near_LoA	-10,8816163	-0,053	0,318
CHR8	5775190	CHR8:5775190	SSF x Near_LoA	-10,4467525	0,066	0,298
CHR8	5775199	CHR8:5775199	SSF x Near_LoA	-10,5270107	0,067	0,309
CHR8	5775206	CHR8:5775206	SSF x Near_LoA	-6,73167286	0,079	0,311
CHR8	5775248	CHR8:5775248	SSF x Near_LoA	-8,86312177	0,081	0,306
CHR8	5778860	CHR8:5778860	SSF x Near_LoA	-4,73123866	-0,007	0,301
CHR8	5778861	CHR8:5778861	SSF x Near_LoA	-9,091758	0,109	0,306
CHR8	5778863	CHR8:5778863	SSF x Near_LoA	-10,1995539	-0,073	0,300
CHR8	5778889	CHR8:5778889	SSF x Near_LoA	-10,3269641	0,083	0,295

CHR8	5779052	CHR8:5779052	SSF x Near_LoA	-10,2694099	-0,003	0,314
CHR8	5780546	CHR8:5780546	SSF x Near_LoA	-9,99787173	-0,083	0,284
CHR8	5791130	CHR8:5791130	SSF x Near_LoA	-10,4151203	-0,040	0,300
CHR8	5791184	CHR8:5791184	SSF x Near_LoA	-7,0709561	0,119	0,314
CHR8	5791192	CHR8:5791192	SSF x Near_LoA	-7,22093816	-0,145	0,315
CHR8	5801919	CHR8:5801919	SSF x Near_LoA	-10,8794207	0,062	0,312
CHR8	5801975	CHR8:5801975	SSF x Near_LoA	-11,3529588	0,054	0,311
CHR8	5801977	CHR8:5801977	SSF x Near_LoA	-10,265651	-0,044	0,309
CHR8	5801990	CHR8:5801990	SSF x Near_LoA	-5,58832074	0,108	0,314
CHR8	5802060	CHR8:5802060	SSF x Near_LoA	-8,1165447	0,009	0,312
CHR8	5802073	CHR8:5802073	SSF x Near_LoA	-9,51928726	-0,058	0,282
CHR8	5802120	CHR8:5802120	SSF x Near_LoA	-10,1654941	-0,025	0,320
CHR8	5802167	CHR8:5802167	SSF x Near_LoA	-11,5134829	0,001	0,313
CHR8	580432	CHR8:580432	SSF x Near_LoA	-11,2157987	-0,061	0,312
CHR8	580560	CHR8:580560	SSF x Near_LoA	-10,6908418	-0,010	0,317
CHR8	580561	CHR8:580561	SSF x Near_LoA	-11,2987307	-0,043	0,299
CHR8	580570	CHR8:580570	SSF x Near_LoA	-6,58765744	0,084	0,304
CHR8	580690	CHR8:580690	SSF x Near_LoA	-7,65129468	0,060	0,302
CHR8	580752	CHR8:580752	SSF x Near_LoA	-9,84566622	-0,099	0,305
CHR8	5809139	CHR8:5809139	SSF x Near_LoA	-9,88337915	-0,080	0,318
CHR8	5809147	CHR8:5809147	SSF x Near_LoA	-8,26332115	0,052	0,315
CHR8	5809214	CHR8:5809214	SSF x Near_LoA	-9,18106206	0,028	0,306
CHR8	5811872	CHR8:5811872	SSF x Near_LoA	-10,2047273	-0,011	0,314
CHR8	5818588	CHR8:5818588	SSF x Near_LoA	-10,0020692	-0,044	0,314
CHR8	5818600	CHR8:5818600	SSF x Near_LoA	-10,3557477	-0,051	0,317
CHR8	5818614	CHR8:5818614	SSF x Near_LoA	-11,2494721	0,040	0,307
CHR8	5822015	CHR8:5822015	SSF x Near_LoA	-7,1522684	0,011	0,306
CHR8	5823249	CHR8:5823249	SSF x Near_LoA	-11,4921694	-0,004	0,307
CHR8	5823318	CHR8:5823318	SSF x Near_LoA	-7,43162744	0,065	0,306
CHR8	5823327	CHR8:5823327	SSF x Near_LoA	-11,0427928	0,009	0,301
CHR8	5825921	CHR8:5825921	SSF x Near_LoA	-10,6039494	0,045	0,301
CHR8	583913	CHR8:583913	SSF x Near_LoA	-5,05770687	-0,105	0,311
CHR8	5841472	CHR8:5841472	SSF x Near_LoA	-10,011003	-0,033	0,310
CHR8	5841506	CHR8:5841506	SSF x Near_LoA	-9,20830182	-0,024	0,306
CHR8	5841582	CHR8:5841582	SSF x Near_LoA	-8,48650533	0,107	0,309
CHR8	5841593	CHR8:5841593	SSF x Near_LoA	-9,72929125	0,082	0,310
CHR8	5841595	CHR8:5841595	SSF x Near_LoA	-10,4338663	-0,119	0,296
CHR8	5841600	CHR8:5841600	SSF x Near_LoA	-7,88781296	0,096	0,311
CHR8	5841627	CHR8:5841627	SSF x Near_LoA	-5,28082221	0,131	0,303
CHR8	5848875	CHR8:5848875	SSF x Near_LoA	-4,83293611	0,147	0,302
CHR8	5848914	CHR8:5848914	SSF x Near_LoA	-8,22674802	0,145	0,301
CHR8	5848915	CHR8:5848915	SSF x Near_LoA	-7,88096165	-0,017	0,289
CHR8	5849060	CHR8:5849060	SSF x Near_LoA	-9,93252862	0,075	0,299
CHR8	5849215	CHR8:5849215	SSF x Near_LoA	-6,83452281	0,190	0,304
CHR8	5887213	CHR8:5887213	SSF x Near_LoA	-10,368665	0,061	0,311
CHR8	5889723	CHR8:5889723	SSF x Near_LoA	-9,50135873	0,054	0,300
CHR8	5899120	CHR8:5899120	SSF x Near_LoA	-9,22038708	0,069	0,327
CHR8	5899293	CHR8:5899293	SSF x Near_LoA	-11,9409374	0,098	0,307
CHR8	5899357	CHR8:5899357	SSF x Near_LoA	-11,3935919	0,018	0,308
CHR8	5905775	CHR8:5905775	SSF x Near_LoA	-10,2947532	0,062	0,310
CHR8	5925731	CHR8:5925731	SSF x Near_LoA	-10,0771571	-0,020	0,296
CHR8	5925910	CHR8:5925910	SSF x Near_LoA	-11,0939011	0,036	0,312
CHR8	5935491	CHR8:5935491	SSF x Near_LoA	-10,7665841	-0,004	0,300

CHR8	5935554	CHR8:5935554	SSF x Near_LoA	-10,1544008	-0,040	0,299
CHR8	5935586	CHR8:5935586	SSF x Near_LoA	-6,89838226	0,075	0,303
CHR8	5935860	CHR8:5935860	SSF x Near_LoA	-9,81171465	-0,033	0,283
CHR8	5935945	CHR8:5935945	SSF x Near_LoA	-8,74254593	0,072	0,303
CHR8	5935955	CHR8:5935955	SSF x Near_LoA	-7,72311621	0,038	0,306
CHR8	5939329	CHR8:5939329	SSF x Near_LoA	-1,04877114	0,070	0,303
CHR8	5939358	CHR8:5939358	SSF x Near_LoA	-9,4511984	-0,098	0,301
CHR8	5942289	CHR8:5942289	SSF x Near_LoA	-8,5343854	0,035	0,320
CHR8	5942306	CHR8:5942306	SSF x Near_LoA	-4,21993943	0,165	0,307
CHR8	5942316	CHR8:5942316	SSF x Near_LoA	-6,68184379	-0,094	0,325
CHR8	5942448	CHR8:5942448	SSF x Near_LoA	-9,73094221	-0,083	0,293
CHR8	5942456	CHR8:5942456	SSF x Near_LoA	-2,56866011	0,004	0,313
CHR8	5942463	CHR8:5942463	SSF x Near_LoA	-10,887777	-0,025	0,304
CHR8	5942464	CHR8:5942464	SSF x Near_LoA	-9,6144797	-0,034	0,302
CHR8	5948312	CHR8:5948312	SSF x Near_LoA	-7,96470511	-0,007	0,304
CHR8	5948449	CHR8:5948449	SSF x Near_LoA	-11,4786277	0,033	0,300
CHR8	5948591	CHR8:5948591	SSF x Near_LoA	9,77479885	0,112	0,300
CHR8	5948592	CHR8:5948592	SSF x Near_LoA	-10,1047537	0,086	0,292
CHR8	5950410	CHR8:5950410	SSF x Near_LoA	-8,83071181	0,043	0,314
CHR8	5950501	CHR8:5950501	SSF x Near_LoA	-8,18244637	-0,050	0,312
CHR8	5950532	CHR8:5950532	SSF x Near_LoA	-9,19079234	-0,144	0,298
CHR8	5950540	CHR8:5950540	SSF x Near_LoA	-11,8268638	0,032	0,293
CHR8	5950547	CHR8:5950547	SSF x Near_LoA	-9,51283679	-0,092	0,314
CHR8	5950550	CHR8:5950550	SSF x Near_LoA	-9,56998723	-0,116	0,291
CHR8	5955269	CHR8:5955269	SSF x Near_LoA	-11,2073286	-0,032	0,314
CHR8	5955273	CHR8:5955273	SSF x Near_LoA	-9,95442491	0,012	0,311
CHR8	5955512	CHR8:5955512	SSF x Near_LoA	-11,2492354	-0,023	0,312
CHR8	5958787	CHR8:5958787	SSF x Near_LoA	-0,4629847	-0,230	0,290
CHR8	5958826	CHR8:5958826	SSF x Near_LoA	-4,36166547	0,128	0,301
CHR8	5958833	CHR8:5958833	SSF x Near_LoA	-8,61698862	0,127	0,301
CHR8	5958860	CHR8:5958860	SSF x Near_LoA	-8,47203265	0,005	0,305
CHR8	5958988	CHR8:5958988	SSF x Near_LoA	-12,0130354	-0,020	0,292
CHR8	5962808	CHR8:5962808	SSF x Near_LoA	-8,3876653	0,009	0,301
CHR8	5982923	CHR8:5982923	SSF x Near_LoA	-7,97619866	-0,058	0,315
CHR8	5982979	CHR8:5982979	SSF x Near_LoA	-6,77789326	-0,103	0,312
CHR8	5982987	CHR8:5982987	SSF x Near_LoA	-8,86771603	0,039	0,312
CHR8	5983031	CHR8:5983031	SSF x Near_LoA	-8,13502778	-0,087	0,301
CHR8	5983040	CHR8:5983040	SSF x Near_LoA	-11,0227929	-0,043	0,311
CHR8	5983043	CHR8:5983043	SSF x Near_LoA	-9,92741893	-0,005	0,304
CHR8	5983067	CHR8:5983067	SSF x Near_LoA	-7,54502326	-0,061	0,311
CHR8	5983082	CHR8:5983082	SSF x Near_LoA	-8,49046149	-0,124	0,302
CHR8	5983103	CHR8:5983103	SSF x Near_LoA	-8,49376614	-0,135	0,312
CHR8	5983114	CHR8:5983114	SSF x Near_LoA	-8,29146025	-0,119	0,311
CHR8	5987911	CHR8:5987911	SSF x Near_LoA	-2,40782863	-0,004	0,306
CHR8	5987952	CHR8:5987952	SSF x Near_LoA	-11,3878403	-0,009	0,307
CHR8	5990408	CHR8:5990408	SSF x Near_LoA	-8,50726294	-0,055	0,300
CHR8	60011	CHR8:60011	SSF x Near_LoA	-9,78203985	0,101	0,302
CHR8	6009151	CHR8:6009151	SSF x Near_LoA	-9,88488007	-0,089	0,298
CHR8	6009283	CHR8:6009283	SSF x Near_LoA	-8,73213725	0,108	0,304
CHR8	6016456	CHR8:6016456	SSF x Near_LoA	-12,1613578	-0,033	0,290
CHR8	6017322	CHR8:6017322	SSF x Near_LoA	-9,82704214	0,045	0,295
CHR8	6017344	CHR8:6017344	SSF x Near_LoA	-2,549784	-0,164	0,292
CHR8	6017498	CHR8:6017498	SSF x Near_LoA	-9,64693915	-0,063	0,308

CHR8	6029761	CHR8:6029761	SSF x Near_LoA	-8,58934893	-0,111	0,296
CHR8	6029946	CHR8:6029946	SSF x Near_LoA	-11,1743393	-0,026	0,300
CHR8	6029961	CHR8:6029961	SSF x Near_LoA	-7,84865573	-0,164	0,292
CHR8	6037195	CHR8:6037195	SSF x Near_LoA	-8,28032647	-0,140	0,313
CHR8	6037217	CHR8:6037217	SSF x Near_LoA	-8,30457619	-0,155	0,305
CHR8	6037351	CHR8:6037351	SSF x Near_LoA	-8,82314102	-0,021	0,312
CHR8	6037352	CHR8:6037352	SSF x Near_LoA	-9,47234163	-0,020	0,304
CHR8	6037433	CHR8:6037433	SSF x Near_LoA	-8,77501841	0,136	0,311
CHR8	6061039	CHR8:6061039	SSF x Near_LoA	-8,04666034	0,001	0,307
CHR8	607700	CHR8:607700	SSF x Near_LoA	-8,95082311	0,142	0,301
CHR8	607712	CHR8:607712	SSF x Near_LoA	-10,1638076	-0,004	0,306
CHR8	607741	CHR8:607741	SSF x Near_LoA	-8,55886336	0,139	0,315
CHR8	6082576	CHR8:6082576	SSF x Near_LoA	-9,85904796	-0,052	0,304
CHR8	6082599	CHR8:6082599	SSF x Near_LoA	-7,40957766	0,097	0,299
CHR8	6082623	CHR8:6082623	SSF x Near_LoA	-6,95555565	-0,012	0,307
CHR8	6082630	CHR8:6082630	SSF x Near_LoA	-8,05465603	-0,054	0,288
CHR8	6090747	CHR8:6090747	SSF x Near_LoA	-9,68627851	-0,077	0,310
CHR8	6090799	CHR8:6090799	SSF x Near_LoA	-10,8362895	-0,094	0,306
CHR8	6090863	CHR8:6090863	SSF x Near_LoA	-10,5293058	-0,042	0,300
CHR8	6110067	CHR8:6110067	SSF x Near_LoA	2,02970217	0,095	0,291
CHR8	6110200	CHR8:6110200	SSF x Near_LoA	-8,86506926	0,006	0,304
CHR8	6110210	CHR8:6110210	SSF x Near_LoA	-7,21989326	0,061	0,307
CHR8	6110235	CHR8:6110235	SSF x Near_LoA	-9,89020933	0,034	0,315
CHR8	6110334	CHR8:6110334	SSF x Near_LoA	-11,2695298	-0,088	0,307
CHR8	6110339	CHR8:6110339	SSF x Near_LoA	-5,28718882	-0,006	0,306
CHR8	6113064	CHR8:6113064	SSF x Near_LoA	-5,91798763	-0,227	0,294
CHR8	6113098	CHR8:6113098	SSF x Near_LoA	-5,35597301	0,157	0,298
CHR8	6113127	CHR8:6113127	SSF x Near_LoA	-8,43753262	0,031	0,306
CHR8	6113137	CHR8:6113137	SSF x Near_LoA	-8,78164823	-0,060	0,308
CHR8	6113164	CHR8:6113164	SSF x Near_LoA	-8,29899996	-0,035	0,318
CHR8	6113255	CHR8:6113255	SSF x Near_LoA	-8,55761611	-0,064	0,325
CHR8	6113259	CHR8:6113259	SSF x Near_LoA	-5,48547257	-0,118	0,305
CHR8	6113290	CHR8:6113290	SSF x Near_LoA	-6,99412279	-0,096	0,309
CHR8	6113309	CHR8:6113309	SSF x Near_LoA	-4,74480872	-0,129	0,310
CHR8	6116753	CHR8:6116753	SSF x Near_LoA	-8,21657914	-0,056	0,310
CHR8	612219	CHR8:612219	SSF x Near_LoA	-7,8065853	0,061	0,312
CHR8	6123815	CHR8:6123815	SSF x Near_LoA	-9,28356854	-0,052	0,301
CHR8	6123843	CHR8:6123843	SSF x Near_LoA	-11,1595125	-0,042	0,310
CHR8	6130279	CHR8:6130279	SSF x Near_LoA	-8,21807073	-0,007	0,300
CHR8	6130425	CHR8:6130425	SSF x Near_LoA	-8,42650748	0,063	0,298
CHR8	6130497	CHR8:6130497	SSF x Near_LoA	-5,68807447	-0,152	0,312
CHR8	6130538	CHR8:6130538	SSF x Near_LoA	-7,30485718	0,098	0,298
CHR8	6133594	CHR8:6133594	SSF x Near_LoA	-7,54529867	-0,085	0,297
CHR8	6133700	CHR8:6133700	SSF x Near_LoA	-8,92751712	0,085	0,299
CHR8	6133761	CHR8:6133761	SSF x Near_LoA	-9,93885761	-0,060	0,312
CHR8	6133782	CHR8:6133782	SSF x Near_LoA	-10,0992413	0,113	0,290
CHR8	6135571	CHR8:6135571	SSF x Near_LoA	-8,40555241	0,095	0,311
CHR8	6135583	CHR8:6135583	SSF x Near_LoA	-12,397288	0,028	0,307
CHR8	614697	CHR8:614697	SSF x Near_LoA	-10,7852083	0,027	0,310
CHR8	614745	CHR8:614745	SSF x Near_LoA	-8,59614096	0,059	0,323
CHR8	614746	CHR8:614746	SSF x Near_LoA	-9,20939029	0,093	0,299
CHR8	614818	CHR8:614818	SSF x Near_LoA	-8,77277936	0,050	0,315
CHR8	6154817	CHR8:6154817	SSF x Near_LoA	-10,863111	0,039	0,311

CHR8	6154821	CHR8:6154821	SSF x Near_LoA	-8,83226335	-0,067	0,302
CHR8	6154822	CHR8:6154822	SSF x Near_LoA	-8,72975279	-0,053	0,292
CHR8	6154870	CHR8:6154870	SSF x Near_LoA	-7,05796512	-0,192	0,300
CHR8	6154904	CHR8:6154904	SSF x Near_LoA	-9,46173525	0,007	0,300
CHR8	6154905	CHR8:6154905	SSF x Near_LoA	-8,43556441	0,025	0,311
CHR8	6155165	CHR8:6155165	SSF x Near_LoA	-11,9438411	0,032	0,296
CHR8	6161538	CHR8:6161538	SSF x Near_LoA	-11,7060719	0,052	0,287
CHR8	6161548	CHR8:6161548	SSF x Near_LoA	-8,21295056	-0,053	0,310
CHR8	6161603	CHR8:6161603	SSF x Near_LoA	-7,10680366	0,009	0,313
CHR8	617161	CHR8:617161	SSF x Near_LoA	-11,1055646	0,047	0,301
CHR8	6174618	CHR8:6174618	SSF x Near_LoA	-8,7759161	0,130	0,308
CHR8	6174693	CHR8:6174693	SSF x Near_LoA	-8,59794366	0,010	0,320
CHR8	6174757	CHR8:6174757	SSF x Near_LoA	-10,3299692	-0,016	0,299
CHR8	6177922	CHR8:6177922	SSF x Near_LoA	-11,2681131	-0,052	0,304
CHR8	6177997	CHR8:6177997	SSF x Near_LoA	-7,14618432	-0,074	0,309
CHR8	6178010	CHR8:6178010	SSF x Near_LoA	-10,3145192	-0,052	0,321
CHR8	6178044	CHR8:6178044	SSF x Near_LoA	-9,17833328	0,004	0,305
CHR8	6178053	CHR8:6178053	SSF x Near_LoA	-8,00111821	-0,017	0,317
CHR8	6178140	CHR8:6178140	SSF x Near_LoA	-8,10098984	0,076	0,311
CHR8	6178147	CHR8:6178147	SSF x Near_LoA	-10,692175	0,077	0,319
CHR8	6178262	CHR8:6178262	SSF x Near_LoA	-5,74255112	-0,025	0,312
CHR8	6178272	CHR8:6178272	SSF x Near_LoA	-5,14962851	-0,030	0,300
CHR8	6202672	CHR8:6202672	SSF x Near_LoA	-7,78187689	0,193	0,299
CHR8	6202685	CHR8:6202685	SSF x Near_LoA	-8,42365763	-0,054	0,303
CHR8	6202789	CHR8:6202789	SSF x Near_LoA	-8,7530304	0,092	0,311
CHR8	6202834	CHR8:6202834	SSF x Near_LoA	-11,6960259	-0,016	0,303
CHR8	6202835	CHR8:6202835	SSF x Near_LoA	8,33104	0,004	0,314
CHR8	6202840	CHR8:6202840	SSF x Near_LoA	-12,2344549	0,009	0,320
CHR8	6204297	CHR8:6204297	SSF x Near_LoA	-11,7344397	-0,033	0,308
CHR8	6208489	CHR8:6208489	SSF x Near_LoA	-8,28349272	-0,056	0,315
CHR8	6219939	CHR8:6219939	SSF x Near_LoA	-6,72037429	-0,093	0,297
CHR8	6219948	CHR8:6219948	SSF x Near_LoA	-10,3749319	0,021	0,304
CHR8	6219958	CHR8:6219958	SSF x Near_LoA	-10,2198703	-0,047	0,285
CHR8	6219975	CHR8:6219975	SSF x Near_LoA	-4,54116677	0,055	0,320
CHR8	6219979	CHR8:6219979	SSF x Near_LoA	-7,40068841	-0,076	0,312
CHR8	6219988	CHR8:6219988	SSF x Near_LoA	-8,5296689	0,055	0,316
CHR8	6220092	CHR8:6220092	SSF x Near_LoA	-7,96708364	-0,176	0,297
CHR8	6226617	CHR8:6226617	SSF x Near_LoA	-10,3001513	0,025	0,309
CHR8	6228977	CHR8:6228977	SSF x Near_LoA	-5,84135255	-0,085	0,297
CHR8	6229003	CHR8:6229003	SSF x Near_LoA	-6,30506277	0,062	0,309
CHR8	6233846	CHR8:6233846	SSF x Near_LoA	-9,42325082	-0,009	0,310
CHR8	6233848	CHR8:6233848	SSF x Near_LoA	-10,893487	0,061	0,318
CHR8	6242442	CHR8:6242442	SSF x Near_LoA	-8,2903029	0,065	0,317
CHR8	625551	CHR8:625551	SSF x Near_LoA	-9,58666594	0,095	0,319
CHR8	6255793	CHR8:6255793	SSF x Near_LoA	-9,28125449	0,004	0,299
CHR8	6255985	CHR8:6255985	SSF x Near_LoA	-10,017097	0,012	0,315
CHR8	625635	CHR8:625635	SSF x Near_LoA	-9,94485771	-0,112	0,312
CHR8	625692	CHR8:625692	SSF x Near_LoA	-11,4650777	0,030	0,298
CHR8	625752	CHR8:625752	SSF x Near_LoA	-9,29553399	0,050	0,303
CHR8	6258469	CHR8:6258469	SSF x Near_LoA	-9,88438497	-0,143	0,306
CHR8	6258473	CHR8:6258473	SSF x Near_LoA	0,45798104	0,135	0,295
CHR8	6258554	CHR8:6258554	SSF x Near_LoA	-10,4856285	0,089	0,306
CHR8	6258558	CHR8:6258558	SSF x Near_LoA	-8,23231629	-0,006	0,309

CHR8	6258563	CHR8:6258563	SSF x Near_LoA	-2,20787503	0,106	0,298
CHR8	6258573	CHR8:6258573	SSF x Near_LoA	-8,8005983	0,047	0,301
CHR8	6258575	CHR8:6258575	SSF x Near_LoA	-7,99712342	0,081	0,308
CHR8	6264693	CHR8:6264693	SSF x Near_LoA	-9,10403081	0,019	0,318
CHR8	6264711	CHR8:6264711	SSF x Near_LoA	-9,81686316	0,070	0,308
CHR8	6264763	CHR8:6264763	SSF x Near_LoA	-11,010779	0,036	0,315
CHR8	6264771	CHR8:6264771	SSF x Near_LoA	-9,11895337	-0,103	0,305
CHR8	6264792	CHR8:6264792	SSF x Near_LoA	-11,6225135	0,085	0,306
CHR8	6264795	CHR8:6264795	SSF x Near_LoA	-11,0631189	0,055	0,296
CHR8	6265040	CHR8:6265040	SSF x Near_LoA	-11,5945196	-0,018	0,303
CHR8	6265132	CHR8:6265132	SSF x Near_LoA	-8,66042783	0,053	0,308
CHR8	6268123	CHR8:6268123	SSF x Near_LoA	-9,91798076	0,121	0,294
CHR8	6277511	CHR8:6277511	SSF x Near_LoA	-9,58850336	-0,043	0,312
CHR8	6277524	CHR8:6277524	SSF x Near_LoA	-7,32460191	-0,174	0,286
CHR8	6277560	CHR8:6277560	SSF x Near_LoA	-10,5712698	-0,008	0,308
CHR8	6277973	CHR8:6277973	SSF x Near_LoA	-11,7157502	0,000	0,311
CHR8	6290284	CHR8:6290284	SSF x Near_LoA	-6,66720692	-0,035	0,317
CHR8	6290311	CHR8:6290311	SSF x Near_LoA	-6,34215885	0,103	0,309
CHR8	6290366	CHR8:6290366	SSF x Near_LoA	-10,8281664	-0,004	0,308
CHR8	6290375	CHR8:6290375	SSF x Near_LoA	-10,0076697	-0,021	0,314
CHR8	6290378	CHR8:6290378	SSF x Near_LoA	-7,0177255	-0,099	0,306
CHR8	6290380	CHR8:6290380	SSF x Near_LoA	-4,75078685	-0,042	0,329
CHR8	6290512	CHR8:6290512	SSF x Near_LoA	-8,82089583	0,063	0,306
CHR8	6300052	CHR8:6300052	SSF x Near_LoA	-9,82289173	-0,001	0,307
CHR8	6307655	CHR8:6307655	SSF x Near_LoA	-11,2496018	-0,058	0,313
CHR8	6307841	CHR8:6307841	SSF x Near_LoA	-8,99429391	-0,003	0,310
CHR8	6307871	CHR8:6307871	SSF x Near_LoA	-10,0619616	-0,037	0,307
CHR8	6307906	CHR8:6307906	SSF x Near_LoA	-8,75332335	-0,080	0,302
CHR8	6317985	CHR8:6317985	SSF x Near_LoA	-5,36817344	0,172	0,301
CHR8	6317986	CHR8:6317986	SSF x Near_LoA	-5,91407097	0,179	0,288
CHR8	6318000	CHR8:6318000	SSF x Near_LoA	-5,40466787	0,139	0,303
CHR8	6318009	CHR8:6318009	SSF x Near_LoA	-5,56180786	0,136	0,310
CHR8	6318035	CHR8:6318035	SSF x Near_LoA	-6,18492897	0,208	0,283
CHR8	6318042	CHR8:6318042	SSF x Near_LoA	-6,91177932	0,088	0,317
CHR8	6318047	CHR8:6318047	SSF x Near_LoA	-4,9752389	0,215	0,300
CHR8	6318052	CHR8:6318052	SSF x Near_LoA	-6,60046655	0,172	0,287
CHR8	631954	CHR8:631954	SSF x Near_LoA	-9,8065459	0,038	0,295
CHR8	631993	CHR8:631993	SSF x Near_LoA	-10,1155104	-0,014	0,324
CHR8	6324212	CHR8:6324212	SSF x Near_LoA	-8,72740567	0,021	0,310
CHR8	6324251	CHR8:6324251	SSF x Near_LoA	-7,54397646	0,077	0,306
CHR8	6324278	CHR8:6324278	SSF x Near_LoA	-6,98797415	-0,023	0,305
CHR8	6326402	CHR8:6326402	SSF x Near_LoA	-10,055177	-0,072	0,301
CHR8	633457	CHR8:633457	SSF x Near_LoA	-8,7909533	-0,103	0,297
CHR8	6338559	CHR8:6338559	SSF x Near_LoA	-11,5109271	0,032	0,310
CHR8	6338597	CHR8:6338597	SSF x Near_LoA	-8,75692557	0,031	0,306
CHR8	6338602	CHR8:6338602	SSF x Near_LoA	-10,5975278	0,032	0,305
CHR8	6338706	CHR8:6338706	SSF x Near_LoA	-8,63548762	-0,019	0,313
CHR8	6338762	CHR8:6338762	SSF x Near_LoA	-10,2327219	-0,058	0,322
CHR8	6346260	CHR8:6346260	SSF x Near_LoA	-7,23066361	-0,067	0,299
CHR8	6346443	CHR8:6346443	SSF x Near_LoA	-7,91625232	0,029	0,309
CHR8	6346521	CHR8:6346521	SSF x Near_LoA	-10,1168608	0,013	0,311
CHR8	6353964	CHR8:6353964	SSF x Near_LoA	-8,42234272	0,068	0,300
CHR8	6358521	CHR8:6358521	SSF x Near_LoA	-10,7794552	-0,159	0,294

CHR8	6367559	CHR8:6367559	SSF x Near_LoA	-7,35884759	0,084	0,309
CHR8	6367629	CHR8:6367629	SSF x Near_LoA	-9,34919866	-0,083	0,297
CHR8	6367637	CHR8:6367637	SSF x Near_LoA	-8,28121728	-0,070	0,305
CHR8	6367672	CHR8:6367672	SSF x Near_LoA	-9,39045602	0,103	0,308
CHR8	6386044	CHR8:6386044	SSF x Near_LoA	-7,01763524	0,023	0,328
CHR8	6388605	CHR8:6388605	SSF x Near_LoA	-7,80045154	0,003	0,301
CHR8	6388678	CHR8:6388678	SSF x Near_LoA	-8,50774316	0,012	0,313
CHR8	6396777	CHR8:6396777	SSF x Near_LoA	-10,466747	-0,004	0,310
CHR8	6401256	CHR8:6401256	SSF x Near_LoA	-10,0496269	-0,017	0,304
CHR8	6401278	CHR8:6401278	SSF x Near_LoA	-9,65892837	-0,044	0,312
CHR8	6401279	CHR8:6401279	SSF x Near_LoA	-8,54895274	0,023	0,315
CHR8	6409539	CHR8:6409539	SSF x Near_LoA	-11,1476198	0,057	0,303
CHR8	6409560	CHR8:6409560	SSF x Near_LoA	-9,58885385	-0,031	0,308
CHR8	6409569	CHR8:6409569	SSF x Near_LoA	-9,24472641	-0,110	0,294
CHR8	6410688	CHR8:6410688	SSF x Near_LoA	-9,86117335	-0,042	0,311
CHR8	6410778	CHR8:6410778	SSF x Near_LoA	-7,87272398	0,086	0,308
CHR8	6410833	CHR8:6410833	SSF x Near_LoA	-11,9121666	0,006	0,302
CHR8	6411845	CHR8:6411845	SSF x Near_LoA	-7,53806233	-0,079	0,301
CHR8	6411854	CHR8:6411854	SSF x Near_LoA	-9,53430399	0,022	0,316
CHR8	6411899	CHR8:6411899	SSF x Near_LoA	-10,5672646	0,058	0,314
CHR8	6411908	CHR8:6411908	SSF x Near_LoA	-11,423282	-0,062	0,303
CHR8	6411978	CHR8:6411978	SSF x Near_LoA	-10,6243866	-0,066	0,298
CHR8	6412070	CHR8:6412070	SSF x Near_LoA	-9,85901379	-0,052	0,309
CHR8	6433309	CHR8:6433309	SSF x Near_LoA	-11,3723319	0,008	0,313
CHR8	6433315	CHR8:6433315	SSF x Near_LoA	-10,1964657	0,013	0,309
CHR8	6433322	CHR8:6433322	SSF x Near_LoA	-9,83263245	-0,044	0,302
CHR8	6433521	CHR8:6433521	SSF x Near_LoA	-10,9094327	-0,023	0,309
CHR8	644178	CHR8:644178	SSF x Near_LoA	-10,1103591	-0,020	0,314
CHR8	6442076	CHR8:6442076	SSF x Near_LoA	-6,86939326	0,144	0,301
CHR8	6444710	CHR8:6444710	SSF x Near_LoA	-9,8994512	0,093	0,300
CHR8	6444718	CHR8:6444718	SSF x Near_LoA	-7,6499056	0,063	0,310
CHR8	6444784	CHR8:6444784	SSF x Near_LoA	-9,68240517	-0,111	0,300
CHR8	6444800	CHR8:6444800	SSF x Near_LoA	-9,72161038	0,031	0,311
CHR8	6444835	CHR8:6444835	SSF x Near_LoA	-9,86600509	0,049	0,303
CHR8	6444900	CHR8:6444900	SSF x Near_LoA	-8,57341705	0,093	0,302
CHR8	6449281	CHR8:6449281	SSF x Near_LoA	-9,86492065	0,144	0,296
CHR8	6449304	CHR8:6449304	SSF x Near_LoA	-11,6402651	0,039	0,305
CHR8	6449342	CHR8:6449342	SSF x Near_LoA	-10,6987609	0,060	0,314
CHR8	6449364	CHR8:6449364	SSF x Near_LoA	-8,28426943	0,160	0,300
CHR8	6454287	CHR8:6454287	SSF x Near_LoA	-10,0339604	0,019	0,293
CHR8	6454330	CHR8:6454330	SSF x Near_LoA	-10,0059478	-0,009	0,311
CHR8	6454333	CHR8:6454333	SSF x Near_LoA	-9,05877393	-0,020	0,307
CHR8	6454346	CHR8:6454346	SSF x Near_LoA	-8,41720118	0,074	0,318
CHR8	645490	CHR8:645490	SSF x Near_LoA	-7,20341879	0,093	0,298
CHR8	6467445	CHR8:6467445	SSF x Near_LoA	-7,67004578	0,119	0,295
CHR8	6467510	CHR8:6467510	SSF x Near_LoA	-9,78992037	0,062	0,304
CHR8	6478649	CHR8:6478649	SSF x Near_LoA	-11,0463871	-0,003	0,304
CHR8	6478688	CHR8:6478688	SSF x Near_LoA	-9,66460823	-0,056	0,311
CHR8	6478717	CHR8:6478717	SSF x Near_LoA	-7,81213083	0,111	0,311
CHR8	6479183	CHR8:6479183	SSF x Near_LoA	-8,34032089	-0,020	0,304
CHR8	6479193	CHR8:6479193	SSF x Near_LoA	-7,46972753	0,055	0,305
CHR8	6479194	CHR8:6479194	SSF x Near_LoA	-7,95152573	0,055	0,307
CHR8	6479241	CHR8:6479241	SSF x Near_LoA	-8,6650714	-0,100	0,309

CHR8	6490400	CHR8:6490400	SSF x Near_LoA	-10,4216614	-0,002	0,325
CHR8	6490404	CHR8:6490404	SSF x Near_LoA	-5,89755059	0,072	0,307
CHR8	6490409	CHR8:6490409	SSF x Near_LoA	-2,40811852	0,135	0,292
CHR8	6492134	CHR8:6492134	SSF x Near_LoA	-7,86304742	-0,112	0,307
CHR8	6493184	CHR8:6493184	SSF x Near_LoA	-9,73971759	0,027	0,313
CHR8	6493218	CHR8:6493218	SSF x Near_LoA	-8,56593942	0,012	0,319
CHR8	6500946	CHR8:6500946	SSF x Near_LoA	-9,11425997	-0,020	0,309
CHR8	6500996	CHR8:6500996	SSF x Near_LoA	-8,81894524	-0,038	0,310
CHR8	6501082	CHR8:6501082	SSF x Near_LoA	-11,9998108	0,053	0,301
CHR8	6502959	CHR8:6502959	SSF x Near_LoA	-10,6854297	-0,048	0,298
CHR8	6503024	CHR8:6503024	SSF x Near_LoA	-8,96740163	0,111	0,308
CHR8	6503054	CHR8:6503054	SSF x Near_LoA	-8,09881157	-0,038	0,297
CHR8	6503059	CHR8:6503059	SSF x Near_LoA	-9,43038332	-0,032	0,298
CHR8	6503077	CHR8:6503077	SSF x Near_LoA	-9,35033343	-0,010	0,301
CHR8	6503188	CHR8:6503188	SSF x Near_LoA	-7,81541348	-0,045	0,304
CHR8	6503221	CHR8:6503221	SSF x Near_LoA	-10,1014615	-0,071	0,304
CHR8	6503222	CHR8:6503222	SSF x Near_LoA	-10,9148822	0,016	0,309
CHR8	6505328	CHR8:6505328	SSF x Near_LoA	-9,48159065	0,076	0,308
CHR8	6513230	CHR8:6513230	SSF x Near_LoA	-10,5499817	-0,023	0,312
CHR8	6513307	CHR8:6513307	SSF x Near_LoA	-8,29888085	-0,096	0,308
CHR8	6514362	CHR8:6514362	SSF x Near_LoA	-9,31472698	0,102	0,331
CHR8	6514448	CHR8:6514448	SSF x Near_LoA	-12,2891348	-0,020	0,293
CHR8	6524242	CHR8:6524242	SSF x Near_LoA	-9,16150586	0,042	0,300
CHR8	6524245	CHR8:6524245	SSF x Near_LoA	-7,78430377	-0,095	0,317
CHR8	6526260	CHR8:6526260	SSF x Near_LoA	-4,68936984	-0,193	0,301
CHR8	6526335	CHR8:6526335	SSF x Near_LoA	-11,5679006	0,056	0,307
CHR8	6528548	CHR8:6528548	SSF x Near_LoA	-10,5973895	0,023	0,316
CHR8	6528611	CHR8:6528611	SSF x Near_LoA	-8,34829043	-0,070	0,303
CHR8	6528634	CHR8:6528634	SSF x Near_LoA	-11,5003105	-0,020	0,316
CHR8	6528654	CHR8:6528654	SSF x Near_LoA	-7,84845837	0,106	0,304
CHR8	6538017	CHR8:6538017	SSF x Near_LoA	-8,166128	-0,113	0,312
CHR8	6538263	CHR8:6538263	SSF x Near_LoA	-10,3778175	0,088	0,305
CHR8	6539130	CHR8:6539130	SSF x Near_LoA	-10,2097853	-0,030	0,305
CHR8	6539200	CHR8:6539200	SSF x Near_LoA	-8,96724735	0,045	0,312
CHR8	6539238	CHR8:6539238	SSF x Near_LoA	-11,842734	-0,013	0,302
CHR8	6545478	CHR8:6545478	SSF x Near_LoA	-10,8822389	0,025	0,288
CHR8	655095	CHR8:655095	SSF x Near_LoA	-9,6921494	0,082	0,313
CHR8	6562186	CHR8:6562186	SSF x Near_LoA	-8,85708996	0,087	0,310
CHR8	6562196	CHR8:6562196	SSF x Near_LoA	-7,85838134	-0,106	0,310
CHR8	6562198	CHR8:6562198	SSF x Near_LoA	-10,6792594	0,056	0,304
CHR8	6562208	CHR8:6562208	SSF x Near_LoA	-10,7423502	0,034	0,285
CHR8	6562214	CHR8:6562214	SSF x Near_LoA	-9,73617303	-0,097	0,318
CHR8	6573316	CHR8:6573316	SSF x Near_LoA	-10,106553	0,004	0,299
CHR8	6573318	CHR8:6573318	SSF x Near_LoA	-7,98929836	0,012	0,311
CHR8	6573364	CHR8:6573364	SSF x Near_LoA	-9,94138931	0,015	0,325
CHR8	6573408	CHR8:6573408	SSF x Near_LoA	-5,57922858	0,010	0,312
CHR8	6577313	CHR8:6577313	SSF x Near_LoA	-8,61911204	-0,078	0,321
CHR8	6577322	CHR8:6577322	SSF x Near_LoA	-10,7358275	-0,065	0,305
CHR8	6577378	CHR8:6577378	SSF x Near_LoA	-7,4244711	-0,021	0,306
CHR8	6582339	CHR8:6582339	SSF x Near_LoA	-11,7905537	-0,006	0,300
CHR8	6582426	CHR8:6582426	SSF x Near_LoA	-10,6427066	-0,003	0,319
CHR8	6592110	CHR8:6592110	SSF x Near_LoA	-8,38757827	0,047	0,309
CHR8	6592123	CHR8:6592123	SSF x Near_LoA	-9,57969977	0,051	0,309

CHR8	6592193	CHR8:6592193	SSF x Near_LoA	-10,2074038	0,033	0,311
CHR8	6593012	CHR8:6593012	SSF x Near_LoA	-11,6008624	0,016	0,313
CHR8	6593019	CHR8:6593019	SSF x Near_LoA	-10,2470286	-0,004	0,301
CHR8	659401	CHR8:659401	SSF x Near_LoA	-10,4434053	-0,005	0,319
CHR8	6603869	CHR8:6603869	SSF x Near_LoA	-9,47574871	0,070	0,313
CHR8	6604054	CHR8:6604054	SSF x Near_LoA	-10,5677695	0,027	0,305
CHR8	6605727	CHR8:6605727	SSF x Near_LoA	-7,03536531	0,098	0,311
CHR8	6605741	CHR8:6605741	SSF x Near_LoA	-4,76471624	-0,142	0,314
CHR8	6605808	CHR8:6605808	SSF x Near_LoA	-8,81287163	-0,040	0,311
CHR8	6605850	CHR8:6605850	SSF x Near_LoA	-8,07031306	-0,133	0,329
CHR8	6605851	CHR8:6605851	SSF x Near_LoA	-7,34356815	-0,159	0,313
CHR8	6605917	CHR8:6605917	SSF x Near_LoA	-9,17001307	-0,016	0,305
CHR8	6608680	CHR8:6608680	SSF x Near_LoA	-8,71645342	-0,168	0,299
CHR8	6608682	CHR8:6608682	SSF x Near_LoA	-11,6807247	0,057	0,301
CHR8	6608686	CHR8:6608686	SSF x Near_LoA	-6,2795387	-0,176	0,309
CHR8	661302	CHR8:661302	SSF x Near_LoA	-10,676905	0,038	0,320
CHR8	661391	CHR8:661391	SSF x Near_LoA	-10,8537752	-0,068	0,309
CHR8	661500	CHR8:661500	SSF x Near_LoA	-7,09098016	-0,096	0,318
CHR8	6616067	CHR8:6616067	SSF x Near_LoA	-9,88039822	-0,050	0,306
CHR8	6616157	CHR8:6616157	SSF x Near_LoA	-5,40319472	-0,071	0,312
CHR8	6616167	CHR8:6616167	SSF x Near_LoA	-8,82263016	0,015	0,303
CHR8	6616418	CHR8:6616418	SSF x Near_LoA	-11,5888318	0,081	0,295
CHR8	6620848	CHR8:6620848	SSF x Near_LoA	-10,7695856	-0,045	0,294
CHR8	6620871	CHR8:6620871	SSF x Near_LoA	-9,75110521	0,006	0,312
CHR8	6620903	CHR8:6620903	SSF x Near_LoA	-9,5571686	-0,070	0,317
CHR8	6620912	CHR8:6620912	SSF x Near_LoA	-6,83635153	-0,060	0,312
CHR8	6620931	CHR8:6620931	SSF x Near_LoA	-9,85361487	-0,075	0,300
CHR8	6620934	CHR8:6620934	SSF x Near_LoA	-8,98636658	-0,020	0,306
CHR8	6620954	CHR8:6620954	SSF x Near_LoA	-10,7371715	0,056	0,319
CHR8	6620956	CHR8:6620956	SSF x Near_LoA	-7,8330861	0,009	0,311
CHR8	6621077	CHR8:6621077	SSF x Near_LoA	-8,26424081	-0,040	0,308
CHR8	6621120	CHR8:6621120	SSF x Near_LoA	-9,40005332	-0,081	0,325
CHR8	6621135	CHR8:6621135	SSF x Near_LoA	-7,54292327	0,066	0,315
CHR8	6621138	CHR8:6621138	SSF x Near_LoA	-10,5046884	0,000	0,308
CHR8	6621179	CHR8:6621179	SSF x Near_LoA	-10,3835233	0,069	0,308
CHR8	6621184	CHR8:6621184	SSF x Near_LoA	-10,8345639	0,048	0,304
CHR8	6621375	CHR8:6621375	SSF x Near_LoA	-12,2379155	0,067	0,303
CHR8	6621381	CHR8:6621381	SSF x Near_LoA	-11,2288629	0,114	0,307
CHR8	6623638	CHR8:6623638	SSF x Near_LoA	-9,95121571	0,086	0,314
CHR8	6623644	CHR8:6623644	SSF x Near_LoA	-8,54614768	-0,015	0,302
CHR8	6624797	CHR8:6624797	SSF x Near_LoA	-1,02621226	0,172	0,298
CHR8	6628534	CHR8:6628534	SSF x Near_LoA	-9,88184346	0,018	0,303
CHR8	6628540	CHR8:6628540	SSF x Near_LoA	-7,47466602	-0,080	0,311
CHR8	6628574	CHR8:6628574	SSF x Near_LoA	-9,74748573	-0,056	0,300
CHR8	6628635	CHR8:6628635	SSF x Near_LoA	-11,0050375	0,040	0,317
CHR8	6628640	CHR8:6628640	SSF x Near_LoA	-10,4333262	-0,006	0,323
CHR8	6628684	CHR8:6628684	SSF x Near_LoA	-4,9902766	-0,070	0,305
CHR8	6628686	CHR8:6628686	SSF x Near_LoA	-8,87968267	0,038	0,309
CHR8	6628698	CHR8:6628698	SSF x Near_LoA	-9,95187068	-0,081	0,303
CHR8	6628746	CHR8:6628746	SSF x Near_LoA	-9,87406649	-0,021	0,304
CHR8	6628817	CHR8:6628817	SSF x Near_LoA	-6,53660774	0,036	0,306
CHR8	6644451	CHR8:6644451	SSF x Near_LoA	-3,56948626	-0,188	0,303
CHR8	6648050	CHR8:6648050	SSF x Near_LoA	-11,5727393	-0,047	0,313

CHR8	6648163	CHR8:6648163	SSF x Near_LoA	-11,4714893	-0,010	0,313
CHR8	6658567	CHR8:6658567	SSF x Near_LoA	-9,01200281	0,062	0,312
CHR8	6658622	CHR8:6658622	SSF x Near_LoA	-9,33476836	0,052	0,300
CHR8	6658770	CHR8:6658770	SSF x Near_LoA	-10,4209419	-0,043	0,306
CHR8	6658776	CHR8:6658776	SSF x Near_LoA	-11,5176934	0,049	0,305
CHR8	6661421	CHR8:6661421	SSF x Near_LoA	-10,277809	-0,054	0,313
CHR8	6673557	CHR8:6673557	SSF x Near_LoA	-8,75892536	-0,066	0,328
CHR8	6678010	CHR8:6678010	SSF x Near_LoA	-9,71124538	0,032	0,313
CHR8	6684049	CHR8:6684049	SSF x Near_LoA	-6,59275506	-0,070	0,310
CHR8	6688714	CHR8:6688714	SSF x Near_LoA	-10,7511883	-0,015	0,301
CHR8	6696464	CHR8:6696464	SSF x Near_LoA	-8,50367753	-0,013	0,316
CHR8	6696524	CHR8:6696524	SSF x Near_LoA	-8,23835062	-0,044	0,309
CHR8	6696967	CHR8:6696967	SSF x Near_LoA	-9,22665445	0,014	0,307
CHR8	6698494	CHR8:6698494	SSF x Near_LoA	-7,10954258	0,026	0,308
CHR8	6701288	CHR8:6701288	SSF x Near_LoA	-7,80956359	-0,038	0,303
CHR8	6701305	CHR8:6701305	SSF x Near_LoA	-9,17900615	-0,076	0,293
CHR8	6701311	CHR8:6701311	SSF x Near_LoA	-9,49930278	-0,069	0,298
CHR8	6701323	CHR8:6701323	SSF x Near_LoA	-11,138816	0,059	0,311
CHR8	6701367	CHR8:6701367	SSF x Near_LoA	-9,34550842	0,019	0,304
CHR8	6702015	CHR8:6702015	SSF x Near_LoA	-8,63399215	0,042	0,318
CHR8	6702068	CHR8:6702068	SSF x Near_LoA	-9,62159247	-0,001	0,317
CHR8	6702076	CHR8:6702076	SSF x Near_LoA	-10,5183596	-0,050	0,310
CHR8	6702085	CHR8:6702085	SSF x Near_LoA	-9,79543741	-0,110	0,293
CHR8	6715415	CHR8:6715415	SSF x Near_LoA	-8,87417554	-0,092	0,303
CHR8	6715446	CHR8:6715446	SSF x Near_LoA	-10,6916875	-0,092	0,303
CHR8	6715516	CHR8:6715516	SSF x Near_LoA	-8,7549722	-0,044	0,305
CHR8	6715529	CHR8:6715529	SSF x Near_LoA	-9,83017112	-0,040	0,303
CHR8	6722647	CHR8:6722647	SSF x Near_LoA	-9,25872606	0,058	0,308
CHR8	6722722	CHR8:6722722	SSF x Near_LoA	-6,89891277	-0,024	0,305
CHR8	6722740	CHR8:6722740	SSF x Near_LoA	-9,37567185	0,045	0,303
CHR8	6722826	CHR8:6722826	SSF x Near_LoA	-7,02446084	0,150	0,301
CHR8	6722899	CHR8:6722899	SSF x Near_LoA	-6,46328454	-0,168	0,309
CHR8	6722934	CHR8:6722934	SSF x Near_LoA	-3,19258706	-0,108	0,316
CHR8	6722940	CHR8:6722940	SSF x Near_LoA	-8,78657774	0,015	0,289
CHR8	6725223	CHR8:6725223	SSF x Near_LoA	-6,98122871	-0,053	0,312
CHR8	6725257	CHR8:6725257	SSF x Near_LoA	-8,98977613	-0,165	0,294
CHR8	6725277	CHR8:6725277	SSF x Near_LoA	-9,94879185	0,069	0,297
CHR8	672557	CHR8:672557	SSF x Near_LoA	-9,67445827	0,050	0,312
CHR8	6739338	CHR8:6739338	SSF x Near_LoA	-11,1800292	0,011	0,312
CHR8	6739647	CHR8:6739647	SSF x Near_LoA	-9,27039268	0,103	0,308
CHR8	6739665	CHR8:6739665	SSF x Near_LoA	-8,68505899	0,051	0,311
CHR8	6739706	CHR8:6739706	SSF x Near_LoA	-11,4002739	0,124	0,302
CHR8	6739707	CHR8:6739707	SSF x Near_LoA	-10,7004369	-0,035	0,296
CHR8	6739708	CHR8:6739708	SSF x Near_LoA	-9,56581239	0,121	0,308
CHR8	6739716	CHR8:6739716	SSF x Near_LoA	-9,44577999	0,020	0,322
CHR8	6751854	CHR8:6751854	SSF x Near_LoA	-10,7098306	-0,041	0,300
CHR8	6751893	CHR8:6751893	SSF x Near_LoA	-10,8120972	0,028	0,308
CHR8	6756458	CHR8:6756458	SSF x Near_LoA	-8,10275305	-0,068	0,317
CHR8	6778131	CHR8:6778131	SSF x Near_LoA	-10,8116805	-0,010	0,303
CHR8	6778192	CHR8:6778192	SSF x Near_LoA	-9,57408594	0,044	0,326
CHR8	6794322	CHR8:6794322	SSF x Near_LoA	-8,24760818	-0,041	0,321
CHR8	6794325	CHR8:6794325	SSF x Near_LoA	-9,29658611	-0,010	0,315
CHR8	6794351	CHR8:6794351	SSF x Near_LoA	-10,5225761	-0,042	0,301

CHR8	682781	CHR8:682781	SSF x Near_LoA	-11,3279952	0,030	0,298
CHR8	682830	CHR8:682830	SSF x Near_LoA	-9,92056462	-0,040	0,321
CHR8	6829137	CHR8:6829137	SSF x Near_LoA	-9,28153924	-0,019	0,303
CHR8	6829163	CHR8:6829163	SSF x Near_LoA	-7,88008313	0,087	0,301
CHR8	6829180	CHR8:6829180	SSF x Near_LoA	-8,36204026	-0,002	0,296
CHR8	6829296	CHR8:6829296	SSF x Near_LoA	-4,773475	0,200	0,297
CHR8	6829301	CHR8:6829301	SSF x Near_LoA	-11,3655371	-0,035	0,306
CHR8	6838446	CHR8:6838446	SSF x Near_LoA	-5,53419591	-0,098	0,306
CHR8	6838552	CHR8:6838552	SSF x Near_LoA	-8,71212324	0,161	0,305
CHR8	6838568	CHR8:6838568	SSF x Near_LoA	0,14516225	-0,079	0,314
CHR8	6838585	CHR8:6838585	SSF x Near_LoA	-11,0010555	-0,009	0,314
CHR8	6838593	CHR8:6838593	SSF x Near_LoA	-7,93057376	0,023	0,319
CHR8	683877	CHR8:683877	SSF x Near_LoA	-9,96338855	-0,043	0,314
CHR8	683897	CHR8:683897	SSF x Near_LoA	-10,2038742	-0,034	0,308
CHR8	6849048	CHR8:6849048	SSF x Near_LoA	-3,55889926	-0,161	0,303
CHR8	6866824	CHR8:6866824	SSF x Near_LoA	-10,8540946	-0,074	0,306
CHR8	6866966	CHR8:6866966	SSF x Near_LoA	-7,75965003	0,032	0,318
CHR8	6866993	CHR8:6866993	SSF x Near_LoA	-9,7119412	-0,035	0,315
CHR8	6866999	CHR8:6866999	SSF x Near_LoA	-9,38907763	-0,034	0,305
CHR8	6867012	CHR8:6867012	SSF x Near_LoA	-9,1973907	0,065	0,312
CHR8	6867015	CHR8:6867015	SSF x Near_LoA	-9,18441806	0,041	0,319
CHR8	6869051	CHR8:6869051	SSF x Near_LoA	-11,5609372	-0,033	0,304
CHR8	6869067	CHR8:6869067	SSF x Near_LoA	-11,7759147	-0,016	0,310
CHR8	6869200	CHR8:6869200	SSF x Near_LoA	-10,4762615	-0,044	0,308
CHR8	6869202	CHR8:6869202	SSF x Near_LoA	-7,45845539	-0,072	0,300
CHR8	6869204	CHR8:6869204	SSF x Near_LoA	-8,90612254	-0,013	0,319
CHR8	6869205	CHR8:6869205	SSF x Near_LoA	-10,1467496	0,006	0,301
CHR8	6870988	CHR8:6870988	SSF x Near_LoA	-10,3534003	0,019	0,317
CHR8	6871007	CHR8:6871007	SSF x Near_LoA	-11,2623164	0,000	0,306
CHR8	6875748	CHR8:6875748	SSF x Near_LoA	-10,9702137	0,009	0,291
CHR8	6875884	CHR8:6875884	SSF x Near_LoA	-8,31073077	0,094	0,296
CHR8	6879299	CHR8:6879299	SSF x Near_LoA	-11,3123069	-0,045	0,304
CHR8	6886301	CHR8:6886301	SSF x Near_LoA	-1,75757781	-0,002	0,309
CHR8	6886419	CHR8:6886419	SSF x Near_LoA	-8,12794873	-0,002	0,297
CHR8	6886460	CHR8:6886460	SSF x Near_LoA	-11,8390064	-0,053	0,296
CHR8	6887071	CHR8:6887071	SSF x Near_LoA	-8,65655457	0,063	0,309
CHR8	6911451	CHR8:6911451	SSF x Near_LoA	-9,28559904	-0,020	0,310
CHR8	6911460	CHR8:6911460	SSF x Near_LoA	-11,0037878	-0,055	0,311
CHR8	6914909	CHR8:6914909	SSF x Near_LoA	-7,22614343	0,116	0,286
CHR8	6917784	CHR8:6917784	SSF x Near_LoA	-9,75650149	-0,040	0,310
CHR8	6917810	CHR8:6917810	SSF x Near_LoA	-10,1008423	-0,061	0,302
CHR8	6917826	CHR8:6917826	SSF x Near_LoA	-8,33652119	0,056	0,300
CHR8	6920240	CHR8:6920240	SSF x Near_LoA	-9,90793856	0,039	0,295
CHR8	6920320	CHR8:6920320	SSF x Near_LoA	-8,06338057	-0,016	0,302
CHR8	6920353	CHR8:6920353	SSF x Near_LoA	-8,76315014	-0,049	0,302
CHR8	6920396	CHR8:6920396	SSF x Near_LoA	-8,78305021	-0,055	0,304
CHR8	6928089	CHR8:6928089	SSF x Near_LoA	-8,55402261	-0,058	0,306
CHR8	6928144	CHR8:6928144	SSF x Near_LoA	-7,9176661	-0,059	0,307
CHR8	6928309	CHR8:6928309	SSF x Near_LoA	-7,26411299	0,124	0,309
CHR8	6933863	CHR8:6933863	SSF x Near_LoA	-11,8480862	0,000	0,313
CHR8	6934020	CHR8:6934020	SSF x Near_LoA	-9,71229385	-0,012	0,308
CHR8	6939727	CHR8:6939727	SSF x Near_LoA	-9,2744627	-0,039	0,308
CHR8	6944318	CHR8:6944318	SSF x Near_LoA	-9,51725274	-0,015	0,316

CHR8	6944390	CHR8:6944390	SSF x Near_LoA	-9,38933183	0,018	0,309
CHR8	6946578	CHR8:6946578	SSF x Near_LoA	-8,43261928	-0,005	0,316
CHR8	6952911	CHR8:6952911	SSF x Near_LoA	-8,86940945	-0,001	0,308
CHR8	6953102	CHR8:6953102	SSF x Near_LoA	-9,22701045	0,041	0,304
CHR8	6953110	CHR8:6953110	SSF x Near_LoA	-8,78233505	-0,043	0,324
CHR8	6953114	CHR8:6953114	SSF x Near_LoA	-9,48440304	-0,064	0,310
CHR8	6953129	CHR8:6953129	SSF x Near_LoA	-7,32100481	0,066	0,321
CHR8	696518	CHR8:696518	SSF x Near_LoA	-9,4867382	-0,021	0,319
CHR8	6969170	CHR8:6969170	SSF x Near_LoA	-5,83762159	0,055	0,313
CHR8	697968	CHR8:697968	SSF x Near_LoA	-10,718523	-0,034	0,301
CHR8	698022	CHR8:698022	SSF x Near_LoA	-9,03844052	0,019	0,298
CHR8	698090	CHR8:698090	SSF x Near_LoA	-9,07963612	-0,012	0,307
CHR8	698213	CHR8:698213	SSF x Near_LoA	-8,85459605	0,088	0,303
CHR8	6987109	CHR8:6987109	SSF x Near_LoA	-6,11014746	0,119	0,308
CHR8	6987129	CHR8:6987129	SSF x Near_LoA	-9,50754888	0,062	0,316
CHR8	6989677	CHR8:6989677	SSF x Near_LoA	-9,42620931	0,046	0,316
CHR8	6989718	CHR8:6989718	SSF x Near_LoA	-7,21155436	0,031	0,313
CHR8	6989903	CHR8:6989903	SSF x Near_LoA	-8,99359774	0,044	0,296
CHR8	7000479	CHR8:7000479	SSF x Near_LoA	-8,40188453	0,121	0,296
CHR8	7000480	CHR8:7000480	SSF x Near_LoA	-11,0865022	0,073	0,316
CHR8	7002198	CHR8:7002198	SSF x Near_LoA	-9,38871162	-0,022	0,300
CHR8	7002469	CHR8:7002469	SSF x Near_LoA	-10,456393	0,018	0,307
CHR8	7023089	CHR8:7023089	SSF x Near_LoA	-8,64977129	-0,004	0,314
CHR8	7023127	CHR8:7023127	SSF x Near_LoA	-9,99355559	0,022	0,291
CHR8	7035066	CHR8:7035066	SSF x Near_LoA	-4,37339197	-0,049	0,308
CHR8	7035142	CHR8:7035142	SSF x Near_LoA	-11,3933577	-0,003	0,315
CHR8	7036073	CHR8:7036073	SSF x Near_LoA	-10,9034889	-0,004	0,304
CHR8	7038923	CHR8:7038923	SSF x Near_LoA	-10,9570587	-0,039	0,323
CHR8	7040644	CHR8:7040644	SSF x Near_LoA	-9,68313452	-0,015	0,309
CHR8	7040734	CHR8:7040734	SSF x Near_LoA	-8,61740115	-0,037	0,318
CHR8	7043344	CHR8:7043344	SSF x Near_LoA	-9,40296451	-0,015	0,303
CHR8	7043509	CHR8:7043509	SSF x Near_LoA	-11,1517616	-0,098	0,310
CHR8	7068420	CHR8:7068420	SSF x Near_LoA	-11,1359316	0,012	0,300
CHR8	7068475	CHR8:7068475	SSF x Near_LoA	-9,44678833	0,011	0,303
CHR8	7068512	CHR8:7068512	SSF x Near_LoA	-11,7440865	0,051	0,294
CHR8	7068516	CHR8:7068516	SSF x Near_LoA	-11,8448124	-0,018	0,314
CHR8	7076500	CHR8:7076500	SSF x Near_LoA	-8,77006579	-0,040	0,307
CHR8	7082802	CHR8:7082802	SSF x Near_LoA	-3,41296451	0,124	0,303
CHR8	7082863	CHR8:7082863	SSF x Near_LoA	-9,57245366	0,030	0,297
CHR8	7082953	CHR8:7082953	SSF x Near_LoA	-6,22965887	0,191	0,305
CHR8	7106966	CHR8:7106966	SSF x Near_LoA	-10,7337125	0,026	0,310
CHR8	7113795	CHR8:7113795	SSF x Near_LoA	-8,00845275	-0,138	0,292
CHR8	7113837	CHR8:7113837	SSF x Near_LoA	-9,95211896	0,060	0,305
CHR8	7115434	CHR8:7115434	SSF x Near_LoA	-11,9926279	-0,021	0,307
CHR8	7115549	CHR8:7115549	SSF x Near_LoA	-3,01383488	-0,039	0,302
CHR8	7115560	CHR8:7115560	SSF x Near_LoA	-10,8881885	0,127	0,293
CHR8	7115566	CHR8:7115566	SSF x Near_LoA	-7,82278746	0,100	0,318
CHR8	7122320	CHR8:7122320	SSF x Near_LoA	-9,56753764	0,054	0,304
CHR8	7122398	CHR8:7122398	SSF x Near_LoA	-2,29429916	-0,126	0,298
CHR8	7122604	CHR8:7122604	SSF x Near_LoA	-4,66167381	-0,161	0,316
CHR8	7122729	CHR8:7122729	SSF x Near_LoA	-7,84560431	-0,108	0,312
CHR8	7130387	CHR8:7130387	SSF x Near_LoA	-9,62701361	0,020	0,306
CHR8	714944	CHR8:714944	SSF x Near_LoA	-7,15296982	-0,123	0,307

CHR8	714984	CHR8:714984	SSF x Near_LoA	-2,40367802	0,165	0,283
CHR8	715092	CHR8:715092	SSF x Near_LoA	-2,49449266	0,084	0,309
CHR8	715141	CHR8:715141	SSF x Near_LoA	-6,34516981	0,084	0,299
CHR8	719545	CHR8:719545	SSF x Near_LoA	-7,60603578	-0,058	0,305
CHR8	7206730	CHR8:7206730	SSF x Near_LoA	-4,25517899	-0,034	0,301
CHR8	7209384	CHR8:7209384	SSF x Near_LoA	-9,97042914	-0,056	0,318
CHR8	7246643	CHR8:7246643	SSF x Near_LoA	-8,81096138	0,058	0,317
CHR8	7246711	CHR8:7246711	SSF x Near_LoA	-4,9893668	0,072	0,316
CHR8	7283233	CHR8:7283233	SSF x Near_LoA	-10,2982579	0,004	0,313
CHR8	7283304	CHR8:7283304	SSF x Near_LoA	-8,40099951	0,151	0,308
CHR8	7295776	CHR8:7295776	SSF x Near_LoA	-9,05273316	0,042	0,295
CHR8	7310051	CHR8:7310051	SSF x Near_LoA	-12,1255406	0,060	0,307
CHR8	7325100	CHR8:7325100	SSF x Near_LoA	-7,82128239	-0,084	0,292
CHR8	7325149	CHR8:7325149	SSF x Near_LoA	-6,4621463	-0,156	0,296
CHR8	7330312	CHR8:7330312	SSF x Near_LoA	-10,5778796	-0,038	0,305
CHR8	7331560	CHR8:7331560	SSF x Near_LoA	-10,5100589	-0,113	0,288
CHR8	7331575	CHR8:7331575	SSF x Near_LoA	-5,46125785	-0,012	0,314
CHR8	735976	CHR8:735976	SSF x Near_LoA	-8,35112103	-0,054	0,303
CHR8	736105	CHR8:736105	SSF x Near_LoA	-11,0562051	0,030	0,304
CHR8	736147	CHR8:736147	SSF x Near_LoA	-10,0087695	0,069	0,303
CHR8	7387987	CHR8:7387987	SSF x Near_LoA	-9,30035687	-0,062	0,312
CHR8	7398031	CHR8:7398031	SSF x Near_LoA	-9,21571546	-0,017	0,297
CHR8	7409038	CHR8:7409038	SSF x Near_LoA	-8,15298558	0,074	0,322
CHR8	7440402	CHR8:7440402	SSF x Near_LoA	-10,3459354	0,079	0,313
CHR8	7457067	CHR8:7457067	SSF x Near_LoA	-10,6258801	0,107	0,292
CHR8	7457226	CHR8:7457226	SSF x Near_LoA	-8,96199015	-0,013	0,322
CHR8	7457247	CHR8:7457247	SSF x Near_LoA	-10,8002365	-0,004	0,323
CHR8	7459269	CHR8:7459269	SSF x Near_LoA	-6,51406115	-0,122	0,310
CHR8	7459303	CHR8:7459303	SSF x Near_LoA	-9,86980509	-0,049	0,319
CHR8	7459342	CHR8:7459342	SSF x Near_LoA	-8,71514051	0,064	0,313
CHR8	7470429	CHR8:7470429	SSF x Near_LoA	-10,5345428	-0,013	0,311
CHR8	7470511	CHR8:7470511	SSF x Near_LoA	-10,1820397	0,065	0,298
CHR8	7473760	CHR8:7473760	SSF x Near_LoA	-7,24210721	0,057	0,316
CHR8	7473820	CHR8:7473820	SSF x Near_LoA	-9,25742011	0,025	0,297
CHR8	7473831	CHR8:7473831	SSF x Near_LoA	-11,0663482	0,031	0,285
CHR8	7473864	CHR8:7473864	SSF x Near_LoA	-10,1076183	0,021	0,306
CHR8	7473983	CHR8:7473983	SSF x Near_LoA	-10,9462755	0,051	0,302
CHR8	7481727	CHR8:7481727	SSF x Near_LoA	-7,48988025	-0,119	0,325
CHR8	7481740	CHR8:7481740	SSF x Near_LoA	-10,9874574	-0,011	0,303
CHR8	7481759	CHR8:7481759	SSF x Near_LoA	-7,92199438	0,120	0,315
CHR8	7487355	CHR8:7487355	SSF x Near_LoA	-10,6692265	0,047	0,314
CHR8	7487365	CHR8:7487365	SSF x Near_LoA	-7,48129673	-0,011	0,308
CHR8	7487408	CHR8:7487408	SSF x Near_LoA	-9,4206233	-0,027	0,296
CHR8	7487438	CHR8:7487438	SSF x Near_LoA	-10,9790357	-0,027	0,312
CHR8	7487448	CHR8:7487448	SSF x Near_LoA	-9,1596165	-0,044	0,291
CHR8	7487455	CHR8:7487455	SSF x Near_LoA	-7,20524613	-0,044	0,311
CHR8	7487460	CHR8:7487460	SSF x Near_LoA	-8,41112271	-0,004	0,302
CHR8	7487463	CHR8:7487463	SSF x Near_LoA	-8,26146291	-0,055	0,305
CHR8	7487548	CHR8:7487548	SSF x Near_LoA	-11,1753002	-0,083	0,296
CHR8	7487566	CHR8:7487566	SSF x Near_LoA	-11,1551229	0,002	0,306
CHR8	7494348	CHR8:7494348	SSF x Near_LoA	-9,24367606	-0,050	0,289
CHR8	7494473	CHR8:7494473	SSF x Near_LoA	-9,247668	-0,026	0,307
CHR8	7494557	CHR8:7494557	SSF x Near_LoA	-10,6610273	0,002	0,292

CHR8	7502421	CHR8:7502421	SSF x Near_LoA	-6,90131002	-0,088	0,310
CHR8	7502522	CHR8:7502522	SSF x Near_LoA	-10,1158513	-0,113	0,298
CHR8	7502544	CHR8:7502544	SSF x Near_LoA	-10,2586487	0,112	0,308
CHR8	7502555	CHR8:7502555	SSF x Near_LoA	-10,4805442	0,027	0,303
CHR8	750473	CHR8:750473	SSF x Near_LoA	-9,6576544	0,009	0,313
CHR8	7511045	CHR8:7511045	SSF x Near_LoA	-9,41428424	0,006	0,295
CHR8	7511093	CHR8:7511093	SSF x Near_LoA	-7,37731744	-0,009	0,293
CHR8	7511095	CHR8:7511095	SSF x Near_LoA	-9,1857003	-0,006	0,324
CHR8	7511173	CHR8:7511173	SSF x Near_LoA	-8,9861729	0,172	0,281
CHR8	7519670	CHR8:7519670	SSF x Near_LoA	-4,83404098	0,177	0,295
CHR8	7524878	CHR8:7524878	SSF x Near_LoA	-7,81216294	-0,154	0,296
CHR8	7524944	CHR8:7524944	SSF x Near_LoA	-9,11309847	0,011	0,307
CHR8	7524983	CHR8:7524983	SSF x Near_LoA	-11,0083957	0,032	0,317
CHR8	7525105	CHR8:7525105	SSF x Near_LoA	-8,42008887	0,078	0,308
CHR8	7525124	CHR8:7525124	SSF x Near_LoA	-9,10158163	-0,085	0,312
CHR8	7527754	CHR8:7527754	SSF x Near_LoA	-8,6800517	0,076	0,303
CHR8	7527756	CHR8:7527756	SSF x Near_LoA	-6,81381622	0,141	0,303
CHR8	7527830	CHR8:7527830	SSF x Near_LoA	-7,52514965	-0,129	0,316
CHR8	7529046	CHR8:7529046	SSF x Near_LoA	-6,35836482	0,005	0,305
CHR8	7529118	CHR8:7529118	SSF x Near_LoA	-9,82291472	-0,082	0,298
CHR8	7529162	CHR8:7529162	SSF x Near_LoA	-10,5375763	-0,033	0,310
CHR8	7529169	CHR8:7529169	SSF x Near_LoA	0,35092367	0,200	0,293
CHR8	7529182	CHR8:7529182	SSF x Near_LoA	-9,15670853	-0,050	0,311
CHR8	7529197	CHR8:7529197	SSF x Near_LoA	-6,99960559	-0,009	0,302
CHR8	7529202	CHR8:7529202	SSF x Near_LoA	-9,68876852	-0,103	0,310
CHR8	7545659	CHR8:7545659	SSF x Near_LoA	-9,3253948	0,054	0,294
CHR8	7545724	CHR8:7545724	SSF x Near_LoA	-3,2589126	-0,156	0,299
CHR8	7545800	CHR8:7545800	SSF x Near_LoA	-11,2891004	-0,032	0,311
CHR8	7549975	CHR8:7549975	SSF x Near_LoA	-9,78898784	-0,072	0,307
CHR8	7550007	CHR8:7550007	SSF x Near_LoA	-8,87607727	-0,053	0,306
CHR8	7550167	CHR8:7550167	SSF x Near_LoA	-9,19311333	0,121	0,291
CHR8	7550207	CHR8:7550207	SSF x Near_LoA	-10,5378753	-0,002	0,309
CHR8	7560556	CHR8:7560556	SSF x Near_LoA	-10,8823134	-0,009	0,308
CHR8	7560567	CHR8:7560567	SSF x Near_LoA	-10,9750885	-0,032	0,298
CHR8	7561740	CHR8:7561740	SSF x Near_LoA	-10,1313817	-0,011	0,315
CHR8	7561786	CHR8:7561786	SSF x Near_LoA	-7,9876837	0,076	0,313
CHR8	7561791	CHR8:7561791	SSF x Near_LoA	0,77346623	0,079	0,305
CHR8	757321	CHR8:757321	SSF x Near_LoA	-6,25074118	0,005	0,320
CHR8	7574867	CHR8:7574867	SSF x Near_LoA	-8,00068497	0,064	0,299
CHR8	7574903	CHR8:7574903	SSF x Near_LoA	-9,2375071	-0,055	0,303
CHR8	7575762	CHR8:7575762	SSF x Near_LoA	-11,0112219	-0,024	0,297
CHR8	7578885	CHR8:7578885	SSF x Near_LoA	-10,1449108	0,124	0,291
CHR8	7578968	CHR8:7578968	SSF x Near_LoA	-10,8319595	0,043	0,308
CHR8	7594185	CHR8:7594185	SSF x Near_LoA	-9,44005225	0,045	0,312
CHR8	7627774	CHR8:7627774	SSF x Near_LoA	-10,1587242	0,091	0,307
CHR8	7627780	CHR8:7627780	SSF x Near_LoA	-10,715351	0,056	0,305
CHR8	7627782	CHR8:7627782	SSF x Near_LoA	-10,4461009	0,081	0,312
CHR8	7627842	CHR8:7627842	SSF x Near_LoA	-8,70462617	0,013	0,316
CHR8	7634353	CHR8:7634353	SSF x Near_LoA	-10,1763347	-0,013	0,313
CHR8	7634359	CHR8:7634359	SSF x Near_LoA	-6,64301587	-0,031	0,309
CHR8	7634374	CHR8:7634374	SSF x Near_LoA	-7,67491634	-0,008	0,317
CHR8	7646907	CHR8:7646907	SSF x Near_LoA	-7,70482899	0,109	0,299
CHR8	7646913	CHR8:7646913	SSF x Near_LoA	-8,48108285	-0,053	0,318

CHR8	7646964	CHR8:7646964	SSF x Near_LoA	-8,54487043	0,048	0,314
CHR8	7647050	CHR8:7647050	SSF x Near_LoA	-7,77312042	0,051	0,306
CHR8	7656153	CHR8:7656153	SSF x Near_LoA	-9,79368394	0,005	0,313
CHR8	7656164	CHR8:7656164	SSF x Near_LoA	-6,8839667	0,023	0,315
CHR8	7656189	CHR8:7656189	SSF x Near_LoA	-9,37726633	0,070	0,305
CHR8	7656192	CHR8:7656192	SSF x Near_LoA	-8,62017159	-0,028	0,302
CHR8	7656221	CHR8:7656221	SSF x Near_LoA	-10,4348542	0,105	0,298
CHR8	7656230	CHR8:7656230	SSF x Near_LoA	-10,6632166	-0,007	0,309
CHR8	7656234	CHR8:7656234	SSF x Near_LoA	-5,26414775	-0,122	0,309
CHR8	7656236	CHR8:7656236	SSF x Near_LoA	-6,79488534	-0,028	0,310
CHR8	7656290	CHR8:7656290	SSF x Near_LoA	-10,1846514	0,000	0,318
CHR8	7656331	CHR8:7656331	SSF x Near_LoA	-6,58642344	0,132	0,301
CHR8	7656342	CHR8:7656342	SSF x Near_LoA	-7,7917577	-0,117	0,309
CHR8	7656355	CHR8:7656355	SSF x Near_LoA	-9,22713327	0,008	0,295
CHR8	7656378	CHR8:7656378	SSF x Near_LoA	-6,57235621	0,163	0,301
CHR8	7656386	CHR8:7656386	SSF x Near_LoA	-11,2146618	0,037	0,303
CHR8	7667872	CHR8:7667872	SSF x Near_LoA	-7,78916189	-0,010	0,302
CHR8	7675296	CHR8:7675296	SSF x Near_LoA	-12,0390865	-0,053	0,299
CHR8	7675342	CHR8:7675342	SSF x Near_LoA	-5,10424154	-0,084	0,305
CHR8	7675354	CHR8:7675354	SSF x Near_LoA	-9,09768579	-0,084	0,308
CHR8	7675381	CHR8:7675381	SSF x Near_LoA	-10,434462	-0,046	0,319
CHR8	7675474	CHR8:7675474	SSF x Near_LoA	-8,84845841	-0,037	0,316
CHR8	7675476	CHR8:7675476	SSF x Near_LoA	-7,8229458	-0,098	0,301
CHR8	7675497	CHR8:7675497	SSF x Near_LoA	-6,81812491	0,141	0,294
CHR8	7675498	CHR8:7675498	SSF x Near_LoA	-7,74179177	0,055	0,299
CHR8	7675512	CHR8:7675512	SSF x Near_LoA	-10,2550366	0,093	0,306
CHR8	7675532	CHR8:7675532	SSF x Near_LoA	-10,3073584	0,048	0,301
CHR8	7701312	CHR8:7701312	SSF x Near_LoA	-5,13603164	0,065	0,317
CHR8	7701484	CHR8:7701484	SSF x Near_LoA	-11,0872208	0,057	0,313
CHR8	7701527	CHR8:7701527	SSF x Near_LoA	-11,814266	0,004	0,298
CHR8	7701528	CHR8:7701528	SSF x Near_LoA	-10,1644018	0,025	0,304
CHR8	7701538	CHR8:7701538	SSF x Near_LoA	-8,18564459	0,033	0,303
CHR8	7701547	CHR8:7701547	SSF x Near_LoA	-11,1770647	0,021	0,302
CHR8	7701550	CHR8:7701550	SSF x Near_LoA	-10,8539579	0,049	0,312
CHR8	7701554	CHR8:7701554	SSF x Near_LoA	-8,95255662	-0,030	0,285
CHR8	7701579	CHR8:7701579	SSF x Near_LoA	-8,70721362	0,065	0,307
CHR8	7701581	CHR8:7701581	SSF x Near_LoA	-10,9357166	-0,011	0,303
CHR8	7701591	CHR8:7701591	SSF x Near_LoA	-9,25881887	0,102	0,313
CHR8	7701622	CHR8:7701622	SSF x Near_LoA	-10,3971477	-0,064	0,309
CHR8	7709807	CHR8:7709807	SSF x Near_LoA	-6,40651454	-0,126	0,305
CHR8	7709895	CHR8:7709895	SSF x Near_LoA	-7,75677962	0,044	0,306
CHR8	7709906	CHR8:7709906	SSF x Near_LoA	-8,21022215	-0,149	0,290
CHR8	7709925	CHR8:7709925	SSF x Near_LoA	-10,8942888	-0,007	0,314
CHR8	7709945	CHR8:7709945	SSF x Near_LoA	-9,74509468	0,066	0,301
CHR8	7709954	CHR8:7709954	SSF x Near_LoA	-1,84421807	-0,063	0,305
CHR8	7709961	CHR8:7709961	SSF x Near_LoA	-11,8391412	-0,020	0,300
CHR8	7709986	CHR8:7709986	SSF x Near_LoA	-9,49628682	0,051	0,310
CHR8	7710007	CHR8:7710007	SSF x Near_LoA	-10,0128262	0,006	0,317
CHR8	7713932	CHR8:7713932	SSF x Near_LoA	-9,05395541	-0,095	0,303
CHR8	7713970	CHR8:7713970	SSF x Near_LoA	-8,32520504	-0,089	0,298
CHR8	7719440	CHR8:7719440	SSF x Near_LoA	-10,9578261	0,129	0,299
CHR8	7719454	CHR8:7719454	SSF x Near_LoA	-7,88261768	-0,040	0,311
CHR8	7719587	CHR8:7719587	SSF x Near_LoA	-10,2718572	-0,012	0,322

CHR8	7731088	CHR8:7731088	SSF x Near_LoA	-8,06341586	0,014	0,324
CHR8	7731316	CHR8:7731316	SSF x Near_LoA	-9,53372778	0,037	0,304
CHR8	7736709	CHR8:7736709	SSF x Near_LoA	-8,33954312	0,119	0,290
CHR8	7736712	CHR8:7736712	SSF x Near_LoA	-8,82530432	-0,059	0,314
CHR8	7736772	CHR8:7736772	SSF x Near_LoA	-3,61501192	-0,153	0,310
CHR8	7736791	CHR8:7736791	SSF x Near_LoA	-5,66443407	-0,191	0,301
CHR8	7736815	CHR8:7736815	SSF x Near_LoA	-8,89983665	0,006	0,321
CHR8	7736931	CHR8:7736931	SSF x Near_LoA	-11,640113	-0,027	0,309
CHR8	7745719	CHR8:7745719	SSF x Near_LoA	-4,82807341	0,184	0,296
CHR8	7745730	CHR8:7745730	SSF x Near_LoA	-10,0736964	0,032	0,320
CHR8	7745751	CHR8:7745751	SSF x Near_LoA	-7,96419079	-0,054	0,313
CHR8	7745757	CHR8:7745757	SSF x Near_LoA	-7,84118515	0,052	0,319
CHR8	7745765	CHR8:7745765	SSF x Near_LoA	-10,2660984	0,008	0,306
CHR8	7745839	CHR8:7745839	SSF x Near_LoA	-5,75470827	0,093	0,310
CHR8	775475	CHR8:775475	SSF x Near_LoA	-9,59055154	-0,016	0,309
CHR8	7756200	CHR8:7756200	SSF x Near_LoA	-11,3267653	0,032	0,295
CHR8	7756202	CHR8:7756202	SSF x Near_LoA	-9,98025532	0,051	0,297
CHR8	7756205	CHR8:7756205	SSF x Near_LoA	-11,9321186	0,056	0,291
CHR8	7756209	CHR8:7756209	SSF x Near_LoA	-10,3700372	0,037	0,297
CHR8	7756227	CHR8:7756227	SSF x Near_LoA	-10,4771017	0,037	0,301
CHR8	7756275	CHR8:7756275	SSF x Near_LoA	-11,6098174	-0,024	0,307
CHR8	7757964	CHR8:7757964	SSF x Near_LoA	-10,3551609	0,128	0,296
CHR8	7761560	CHR8:7761560	SSF x Near_LoA	-8,97023189	-0,031	0,299
CHR8	7761616	CHR8:7761616	SSF x Near_LoA	-11,2253971	-0,005	0,318
CHR8	7761620	CHR8:7761620	SSF x Near_LoA	-8,71719187	-0,004	0,317
CHR8	7761623	CHR8:7761623	SSF x Near_LoA	-8,96332304	-0,074	0,300
CHR8	7761707	CHR8:7761707	SSF x Near_LoA	-9,09607612	0,054	0,305
CHR8	7761715	CHR8:7761715	SSF x Near_LoA	-10,6577834	-0,071	0,314
CHR8	7768701	CHR8:7768701	SSF x Near_LoA	-11,65077	0,005	0,310
CHR8	777317	CHR8:777317	SSF x Near_LoA	-11,8364588	0,050	0,308
CHR8	777454	CHR8:777454	SSF x Near_LoA	-9,44888626	0,035	0,297
CHR8	777462	CHR8:777462	SSF x Near_LoA	-10,0753647	0,018	0,304
CHR8	777522	CHR8:777522	SSF x Near_LoA	-8,61465178	0,025	0,306
CHR8	7775793	CHR8:7775793	SSF x Near_LoA	-11,2023314	0,052	0,294
CHR8	7776011	CHR8:7776011	SSF x Near_LoA	-11,4606415	0,059	0,296
CHR8	7776016	CHR8:7776016	SSF x Near_LoA	-11,7549922	0,065	0,303
CHR8	7776028	CHR8:7776028	SSF x Near_LoA	-0,19149593	0,106	0,303
CHR8	7782305	CHR8:7782305	SSF x Near_LoA	-7,93998344	0,057	0,321
CHR8	7782425	CHR8:7782425	SSF x Near_LoA	-9,86575493	0,021	0,317
CHR8	7782439	CHR8:7782439	SSF x Near_LoA	-8,51198091	-0,016	0,303
CHR8	7782455	CHR8:7782455	SSF x Near_LoA	-11,373784	0,067	0,311
CHR8	7782520	CHR8:7782520	SSF x Near_LoA	-6,87488597	0,085	0,308
CHR8	7793475	CHR8:7793475	SSF x Near_LoA	-6,99489649	-0,091	0,311
CHR8	7793553	CHR8:7793553	SSF x Near_LoA	-9,39417039	-0,044	0,291
CHR8	7793621	CHR8:7793621	SSF x Near_LoA	-11,8371784	-0,006	0,305
CHR8	7793661	CHR8:7793661	SSF x Near_LoA	-7,75693601	0,004	0,314
CHR8	7793708	CHR8:7793708	SSF x Near_LoA	-5,44220715	0,004	0,312
CHR8	7793715	CHR8:7793715	SSF x Near_LoA	-10,0536004	0,050	0,296
CHR8	7797522	CHR8:7797522	SSF x Near_LoA	-8,73137349	0,001	0,311
CHR8	7797523	CHR8:7797523	SSF x Near_LoA	-8,97494398	-0,101	0,308
CHR8	779960	CHR8:779960	SSF x Near_LoA	-10,0919251	-0,063	0,305
CHR8	779966	CHR8:779966	SSF x Near_LoA	-7,2089138	0,181	0,275
CHR8	7808399	CHR8:7808399	SSF x Near_LoA	-9,16932169	0,010	0,306

CHR8	7808426	CHR8:7808426	SSF x Near_LoA	-9,06564415	-0,011	0,316
CHR8	7808500	CHR8:7808500	SSF x Near_LoA	-7,3401121	-0,053	0,309
CHR8	7808501	CHR8:7808501	SSF x Near_LoA	-6,64356262	-0,049	0,312
CHR8	7808502	CHR8:7808502	SSF x Near_LoA	-8,64351739	-0,083	0,320
CHR8	7808570	CHR8:7808570	SSF x Near_LoA	-9,87936935	0,116	0,294
CHR8	7808598	CHR8:7808598	SSF x Near_LoA	-9,52231776	-0,024	0,322
CHR8	7808599	CHR8:7808599	SSF x Near_LoA	-7,15174247	0,100	0,319
CHR8	7808610	CHR8:7808610	SSF x Near_LoA	-5,85549323	-0,175	0,301
CHR8	7808613	CHR8:7808613	SSF x Near_LoA	-9,08182692	-0,069	0,308
CHR8	7808663	CHR8:7808663	SSF x Near_LoA	-10,6804004	-0,071	0,314
CHR8	7813807	CHR8:7813807	SSF x Near_LoA	-9,77961697	-0,034	0,303
CHR8	7813849	CHR8:7813849	SSF x Near_LoA	-10,643743	-0,061	0,317
CHR8	7813886	CHR8:7813886	SSF x Near_LoA	-7,73741643	-0,126	0,293
CHR8	7813888	CHR8:7813888	SSF x Near_LoA	-7,33600252	-0,067	0,289
CHR8	7813918	CHR8:7813918	SSF x Near_LoA	-8,01027931	0,127	0,294
CHR8	7813936	CHR8:7813936	SSF x Near_LoA	-9,40665474	-0,007	0,297
CHR8	7814042	CHR8:7814042	SSF x Near_LoA	-11,2915681	0,083	0,299
CHR8	7828807	CHR8:7828807	SSF x Near_LoA	-4,15821339	0,165	0,296
CHR8	7828879	CHR8:7828879	SSF x Near_LoA	-11,0304073	-0,086	0,312
CHR8	7839246	CHR8:7839246	SSF x Near_LoA	-10,2191578	0,003	0,301
CHR8	7839324	CHR8:7839324	SSF x Near_LoA	-8,75214724	0,089	0,304
CHR8	7839354	CHR8:7839354	SSF x Near_LoA	-9,90746325	0,075	0,304
CHR8	7843377	CHR8:7843377	SSF x Near_LoA	-7,64568746	0,045	0,319
CHR8	7843402	CHR8:7843402	SSF x Near_LoA	-9,17371788	0,033	0,315
CHR8	7843408	CHR8:7843408	SSF x Near_LoA	-8,34886365	-0,002	0,315
CHR8	7856298	CHR8:7856298	SSF x Near_LoA	-6,65488545	0,000	0,299
CHR8	7856372	CHR8:7856372	SSF x Near_LoA	-10,6647942	-0,063	0,293
CHR8	7856403	CHR8:7856403	SSF x Near_LoA	-10,776846	-0,095	0,303
CHR8	7860201	CHR8:7860201	SSF x Near_LoA	-7,06561831	-0,135	0,305
CHR8	7860212	CHR8:7860212	SSF x Near_LoA	-9,05290693	-0,168	0,292
CHR8	7860258	CHR8:7860258	SSF x Near_LoA	-9,93083929	-0,068	0,315
CHR8	7875226	CHR8:7875226	SSF x Near_LoA	-9,03249055	0,077	0,312
CHR8	7875304	CHR8:7875304	SSF x Near_LoA	-4,82866913	0,020	0,316
CHR8	7875374	CHR8:7875374	SSF x Near_LoA	-11,7407199	-0,172	0,300
CHR8	7875385	CHR8:7875385	SSF x Near_LoA	-6,44247284	-0,144	0,311
CHR8	7879365	CHR8:7879365	SSF x Near_LoA	-10,1026288	0,082	0,305
CHR8	7881237	CHR8:7881237	SSF x Near_LoA	-11,6107402	0,023	0,307
CHR8	7881994	CHR8:7881994	SSF x Near_LoA	-9,20088304	-0,003	0,323
CHR8	7882956	CHR8:7882956	SSF x Near_LoA	-9,88977646	0,000	0,311
CHR8	7883049	CHR8:7883049	SSF x Near_LoA	-8,13589515	-0,154	0,288
CHR8	7890116	CHR8:7890116	SSF x Near_LoA	-10,7485487	-0,043	0,314
CHR8	7890140	CHR8:7890140	SSF x Near_LoA	-6,56572995	0,073	0,315
CHR8	7890160	CHR8:7890160	SSF x Near_LoA	-4,55359759	-0,077	0,312
CHR8	7890209	CHR8:7890209	SSF x Near_LoA	-5,80388541	0,014	0,315
CHR8	7890227	CHR8:7890227	SSF x Near_LoA	-11,2719124	0,050	0,312
CHR8	7890237	CHR8:7890237	SSF x Near_LoA	-6,18002456	0,006	0,307
CHR8	7890280	CHR8:7890280	SSF x Near_LoA	-7,77070206	-0,137	0,299
CHR8	7890311	CHR8:7890311	SSF x Near_LoA	-9,81189594	0,036	0,318
CHR8	7890328	CHR8:7890328	SSF x Near_LoA	-10,3262982	0,049	0,306
CHR8	7893474	CHR8:7893474	SSF x Near_LoA	-9,06713819	-0,099	0,316
CHR8	7893484	CHR8:7893484	SSF x Near_LoA	-4,76021625	-0,099	0,302
CHR8	7893514	CHR8:7893514	SSF x Near_LoA	-10,7120006	-0,030	0,312
CHR8	7893547	CHR8:7893547	SSF x Near_LoA	-6,69108539	0,123	0,314

CHR8	7893548	CHR8:7893548	SSF x Near_LoA	-9,49749252	-0,024	0,321
CHR8	7899573	CHR8:7899573	SSF x Near_LoA	-11,7102989	-0,047	0,311
CHR8	7899574	CHR8:7899574	SSF x Near_LoA	-6,77209897	-0,203	0,291
CHR8	7899644	CHR8:7899644	SSF x Near_LoA	-9,11193538	0,113	0,293
CHR8	7899666	CHR8:7899666	SSF x Near_LoA	-8,86259169	-0,148	0,291
CHR8	7902716	CHR8:7902716	SSF x Near_LoA	-8,43532301	-0,015	0,310
CHR8	7902799	CHR8:7902799	SSF x Near_LoA	-10,8958532	0,053	0,306
CHR8	7906611	CHR8:7906611	SSF x Near_LoA	-9,72452087	0,138	0,297
CHR8	7906661	CHR8:7906661	SSF x Near_LoA	-7,74730887	-0,192	0,297
CHR8	7906802	CHR8:7906802	SSF x Near_LoA	-8,46749976	-0,036	0,315
CHR8	7914153	CHR8:7914153	SSF x Near_LoA	-8,73420732	0,044	0,311
CHR8	7914174	CHR8:7914174	SSF x Near_LoA	-10,245619	-0,002	0,305
CHR8	7914274	CHR8:7914274	SSF x Near_LoA	-11,1946791	-0,005	0,326
CHR8	7914356	CHR8:7914356	SSF x Near_LoA	-11,1914307	-0,014	0,304
CHR8	7914366	CHR8:7914366	SSF x Near_LoA	-9,53639007	0,017	0,307
CHR8	7917499	CHR8:7917499	SSF x Near_LoA	-8,03478201	0,112	0,305
CHR8	7917659	CHR8:7917659	SSF x Near_LoA	-9,58899415	0,018	0,306
CHR8	7921644	CHR8:7921644	SSF x Near_LoA	-11,1929225	-0,011	0,300
CHR8	7921651	CHR8:7921651	SSF x Near_LoA	-6,90957855	0,000	0,309
CHR8	7921678	CHR8:7921678	SSF x Near_LoA	-5,74283472	0,211	0,299
CHR8	7921715	CHR8:7921715	SSF x Near_LoA	-10,5122657	-0,071	0,294
CHR8	7930339	CHR8:7930339	SSF x Near_LoA	-3,267169	-0,007	0,315
CHR8	7931434	CHR8:7931434	SSF x Near_LoA	-7,49265783	-0,067	0,293
CHR8	7931498	CHR8:7931498	SSF x Near_LoA	-7,37473399	-0,127	0,302
CHR8	7931597	CHR8:7931597	SSF x Near_LoA	-8,26285928	-0,175	0,304
CHR8	7931605	CHR8:7931605	SSF x Near_LoA	-10,1088746	-0,068	0,299
CHR8	7935731	CHR8:7935731	SSF x Near_LoA	-9,9413743	-0,032	0,296
CHR8	7935734	CHR8:7935734	SSF x Near_LoA	-9,81916157	-0,084	0,323
CHR8	7935791	CHR8:7935791	SSF x Near_LoA	-9,10287132	-0,092	0,301
CHR8	79369	CHR8:79369	SSF x Near_LoA	-4,66495772	0,087	0,315
CHR8	7939116	CHR8:7939116	SSF x Near_LoA	-7,3257126	-0,194	0,303
CHR8	7939129	CHR8:7939129	SSF x Near_LoA	-6,42688215	-0,197	0,295
CHR8	7939198	CHR8:7939198	SSF x Near_LoA	-11,7795517	0,066	0,306
CHR8	7940982	CHR8:7940982	SSF x Near_LoA	-8,54664054	0,112	0,292
CHR8	7941074	CHR8:7941074	SSF x Near_LoA	-6,72232009	-0,039	0,309
CHR8	7949139	CHR8:7949139	SSF x Near_LoA	-9,20852725	0,074	0,287
CHR8	7963224	CHR8:7963224	SSF x Near_LoA	-9,38909678	0,043	0,307
CHR8	797028	CHR8:797028	SSF x Near_LoA	-10,5525927	-0,052	0,309
CHR8	8001255	CHR8:8001255	SSF x Near_LoA	-8,46105894	-0,055	0,301
CHR8	8002919	CHR8:8002919	SSF x Near_LoA	-7,71708694	0,162	0,293
CHR8	8003034	CHR8:8003034	SSF x Near_LoA	-8,89512031	-0,014	0,303
CHR8	8023477	CHR8:8023477	SSF x Near_LoA	-8,41552682	-0,020	0,312
CHR8	8023479	CHR8:8023479	SSF x Near_LoA	-9,68341711	-0,045	0,296
CHR8	8023546	CHR8:8023546	SSF x Near_LoA	-11,7546565	0,038	0,319
CHR8	8023607	CHR8:8023607	SSF x Near_LoA	-4,51919628	-0,157	0,297
CHR8	8023629	CHR8:8023629	SSF x Near_LoA	-8,81046313	-0,065	0,303
CHR8	8025414	CHR8:8025414	SSF x Near_LoA	-6,7333972	0,130	0,300
CHR8	803964	CHR8:803964	SSF x Near_LoA	-8,69933432	-0,049	0,308
CHR8	804149	CHR8:804149	SSF x Near_LoA	-9,90972845	-0,120	0,291
CHR8	804153	CHR8:804153	SSF x Near_LoA	-9,22348618	-0,064	0,308
CHR8	8046917	CHR8:8046917	SSF x Near_LoA	-7,60482922	0,072	0,306
CHR8	8046926	CHR8:8046926	SSF x Near_LoA	-7,92505021	-0,065	0,308
CHR8	8046963	CHR8:8046963	SSF x Near_LoA	-7,77885203	-0,033	0,319

CHR8	8047092	CHR8:8047092	SSF x Near_LoA	-9,93959656	0,043	0,291
CHR8	8047156	CHR8:8047156	SSF x Near_LoA	-8,44049801	0,051	0,315
CHR8	8047157	CHR8:8047157	SSF x Near_LoA	-9,03010248	-0,014	0,319
CHR8	8047223	CHR8:8047223	SSF x Near_LoA	-9,05955985	-0,016	0,306
CHR8	8054758	CHR8:8054758	SSF x Near_LoA	-7,06115017	-0,075	0,313
CHR8	8064709	CHR8:8064709	SSF x Near_LoA	-8,01858599	0,058	0,293
CHR8	8064755	CHR8:8064755	SSF x Near_LoA	-8,83437429	0,096	0,304
CHR8	8064776	CHR8:8064776	SSF x Near_LoA	-8,8595568	0,141	0,309
CHR8	8064803	CHR8:8064803	SSF x Near_LoA	-7,2434247	0,148	0,292
CHR8	8064836	CHR8:8064836	SSF x Near_LoA	-7,03127086	-0,124	0,301
CHR8	806685	CHR8:806685	SSF x Near_LoA	-9,1921444	-0,088	0,304
CHR8	8068170	CHR8:8068170	SSF x Near_LoA	-11,3629238	-0,007	0,317
CHR8	8069181	CHR8:8069181	SSF x Near_LoA	-9,00587804	-0,070	0,302
CHR8	8069222	CHR8:8069222	SSF x Near_LoA	-10,0497981	-0,095	0,309
CHR8	8069272	CHR8:8069272	SSF x Near_LoA	-11,1576658	-0,061	0,299
CHR8	8076193	CHR8:8076193	SSF x Near_LoA	-10,3218694	0,053	0,309
CHR8	8093632	CHR8:8093632	SSF x Near_LoA	-8,04511502	0,025	0,311
CHR8	8093676	CHR8:8093676	SSF x Near_LoA	-11,138523	0,099	0,299
CHR8	8097524	CHR8:8097524	SSF x Near_LoA	-8,26054799	0,032	0,302
CHR8	8097569	CHR8:8097569	SSF x Near_LoA	-10,3114184	0,055	0,306
CHR8	8098233	CHR8:8098233	SSF x Near_LoA	-10,1785802	0,080	0,292
CHR8	8104172	CHR8:8104172	SSF x Near_LoA	-8,80497888	0,057	0,313
CHR8	8106642	CHR8:8106642	SSF x Near_LoA	-8,06595017	0,029	0,294
CHR8	8111127	CHR8:8111127	SSF x Near_LoA	-2,9989611	0,037	0,304
CHR8	8111147	CHR8:8111147	SSF x Near_LoA	-6,73442135	-0,047	0,317
CHR8	8111172	CHR8:8111172	SSF x Near_LoA	-10,2957282	0,019	0,307
CHR8	8111189	CHR8:8111189	SSF x Near_LoA	-8,97441727	-0,045	0,293
CHR8	8115111	CHR8:8115111	SSF x Near_LoA	-10,1113798	-0,032	0,313
CHR8	8115140	CHR8:8115140	SSF x Near_LoA	-9,22250234	-0,003	0,300
CHR8	8115147	CHR8:8115147	SSF x Near_LoA	-8,57980574	-0,095	0,299
CHR8	8115169	CHR8:8115169	SSF x Near_LoA	-4,69779572	0,083	0,304
CHR8	8115179	CHR8:8115179	SSF x Near_LoA	-9,5896933	0,004	0,304
CHR8	8115298	CHR8:8115298	SSF x Near_LoA	-11,6084739	-0,022	0,299
CHR8	8115305	CHR8:8115305	SSF x Near_LoA	-5,13740818	-0,182	0,300
CHR8	8115309	CHR8:8115309	SSF x Near_LoA	-9,53577799	-0,089	0,288
CHR8	8120284	CHR8:8120284	SSF x Near_LoA	-9,10979329	-0,098	0,295
CHR8	8120333	CHR8:8120333	SSF x Near_LoA	-9,0787094	-0,064	0,309
CHR8	8120398	CHR8:8120398	SSF x Near_LoA	-11,1609381	0,025	0,313
CHR8	8120408	CHR8:8120408	SSF x Near_LoA	-3,0947553	0,062	0,303
CHR8	8120422	CHR8:8120422	SSF x Near_LoA	-8,85981586	0,069	0,310
CHR8	8120452	CHR8:8120452	SSF x Near_LoA	-8,86309096	0,058	0,321
CHR8	8120457	CHR8:8120457	SSF x Near_LoA	-8,25426053	-0,092	0,308
CHR8	8120476	CHR8:8120476	SSF x Near_LoA	-9,74685078	0,034	0,294
CHR8	8120574	CHR8:8120574	SSF x Near_LoA	-10,6841642	-0,061	0,310
CHR8	8120600	CHR8:8120600	SSF x Near_LoA	-4,84636802	-0,076	0,303
CHR8	8131836	CHR8:8131836	SSF x Near_LoA	-9,61676786	-0,005	0,302
CHR8	8131888	CHR8:8131888	SSF x Near_LoA	-1,48974771	-0,179	0,307
CHR8	8131970	CHR8:8131970	SSF x Near_LoA	-6,38692526	-0,170	0,304
CHR8	8132002	CHR8:8132002	SSF x Near_LoA	-10,3307714	0,002	0,309
CHR8	8132003	CHR8:8132003	SSF x Near_LoA	-9,08384053	0,004	0,301
CHR8	8132009	CHR8:8132009	SSF x Near_LoA	-9,36754952	-0,025	0,323
CHR8	8132047	CHR8:8132047	SSF x Near_LoA	-8,55734924	-0,005	0,296
CHR8	8132053	CHR8:8132053	SSF x Near_LoA	-9,3139539	0,031	0,306

CHR8	81331	CHR8:81331	SSF x Near_LoA	-11,3267438	0,021	0,312
CHR8	81341	CHR8:81341	SSF x Near_LoA	-4,50428068	-0,152	0,310
CHR8	8134531	CHR8:8134531	SSF x Near_LoA	-8,75981849	0,053	0,303
CHR8	8142225	CHR8:8142225	SSF x Near_LoA	-8,82233497	-0,008	0,306
CHR8	8142248	CHR8:8142248	SSF x Near_LoA	-11,1228482	-0,030	0,320
CHR8	8142272	CHR8:8142272	SSF x Near_LoA	-6,00878942	-0,008	0,310
CHR8	8143810	CHR8:8143810	SSF x Near_LoA	-10,4853676	0,000	0,304
CHR8	8143853	CHR8:8143853	SSF x Near_LoA	-8,80475528	0,095	0,308
CHR8	8143873	CHR8:8143873	SSF x Near_LoA	-9,1493031	0,033	0,309
CHR8	8161895	CHR8:8161895	SSF x Near_LoA	-10,2205642	0,056	0,307
CHR8	8164316	CHR8:8164316	SSF x Near_LoA	-6,73144581	-0,075	0,306
CHR8	8164348	CHR8:8164348	SSF x Near_LoA	-9,07277669	-0,030	0,309
CHR8	8164360	CHR8:8164360	SSF x Near_LoA	-7,72366719	-0,077	0,303
CHR8	8164382	CHR8:8164382	SSF x Near_LoA	-8,02454015	0,129	0,308
CHR8	8164411	CHR8:8164411	SSF x Near_LoA	-9,26940704	0,080	0,294
CHR8	8164418	CHR8:8164418	SSF x Near_LoA	-10,3818634	0,081	0,301
CHR8	8189145	CHR8:8189145	SSF x Near_LoA	-4,44175812	-0,027	0,293
CHR8	8189168	CHR8:8189168	SSF x Near_LoA	-8,99875144	0,059	0,296
CHR8	8189181	CHR8:8189181	SSF x Near_LoA	-10,9513984	0,007	0,306
CHR8	8190199	CHR8:8190199	SSF x Near_LoA	-10,7835157	0,010	0,310
CHR8	8190271	CHR8:8190271	SSF x Near_LoA	-11,1637262	0,019	0,309
CHR8	8190572	CHR8:8190572	SSF x Near_LoA	-8,88706939	-0,024	0,305
CHR8	8204401	CHR8:8204401	SSF x Near_LoA	-9,92838388	0,004	0,306
CHR8	8204409	CHR8:8204409	SSF x Near_LoA	-7,94854148	0,065	0,284
CHR8	8221454	CHR8:8221454	SSF x Near_LoA	-8,85291475	0,030	0,297
CHR8	8248817	CHR8:8248817	SSF x Near_LoA	-7,51960302	0,035	0,308
CHR8	8251643	CHR8:8251643	SSF x Near_LoA	-9,43635543	-0,106	0,312
CHR8	8251672	CHR8:8251672	SSF x Near_LoA	-3,82869608	0,093	0,307
CHR8	8251685	CHR8:8251685	SSF x Near_LoA	-8,73535909	0,005	0,311
CHR8	8251691	CHR8:8251691	SSF x Near_LoA	-8,13602936	-0,061	0,303
CHR8	8251692	CHR8:8251692	SSF x Near_LoA	-10,5119549	-0,070	0,301
CHR8	8251715	CHR8:8251715	SSF x Near_LoA	-9,12631607	-0,164	0,298
CHR8	8251719	CHR8:8251719	SSF x Near_LoA	-8,20104188	-0,172	0,288
CHR8	8251743	CHR8:8251743	SSF x Near_LoA	-8,42298867	0,191	0,288
CHR8	8251766	CHR8:8251766	SSF x Near_LoA	-9,7610058	0,165	0,295
CHR8	8251776	CHR8:8251776	SSF x Near_LoA	-7,6692017	0,067	0,314
CHR8	8251861	CHR8:8251861	SSF x Near_LoA	-9,05212247	-0,035	0,304
CHR8	8272726	CHR8:8272726	SSF x Near_LoA	-9,71244951	0,072	0,305
CHR8	8277466	CHR8:8277466	SSF x Near_LoA	-8,45298572	0,156	0,303
CHR8	8277579	CHR8:8277579	SSF x Near_LoA	-8,60839649	0,047	0,318
CHR8	8281085	CHR8:8281085	SSF x Near_LoA	-10,163304	0,161	0,289
CHR8	8281106	CHR8:8281106	SSF x Near_LoA	-9,05868477	-0,096	0,312
CHR8	8281121	CHR8:8281121	SSF x Near_LoA	-6,15958998	-0,137	0,295
CHR8	8281211	CHR8:8281211	SSF x Near_LoA	-8,08527874	0,026	0,315
CHR8	8281273	CHR8:8281273	SSF x Near_LoA	-8,38088982	-0,037	0,322
CHR8	8281331	CHR8:8281331	SSF x Near_LoA	-10,4477363	0,038	0,305
CHR8	8281333	CHR8:8281333	SSF x Near_LoA	-8,34697913	0,039	0,312
CHR8	8289904	CHR8:8289904	SSF x Near_LoA	-9,1066103	-0,008	0,297
CHR8	8289914	CHR8:8289914	SSF x Near_LoA	-7,43605683	0,061	0,333
CHR8	8291319	CHR8:8291319	SSF x Near_LoA	-8,83634614	0,041	0,298
CHR8	8297771	CHR8:8297771	SSF x Near_LoA	-9,29147706	0,052	0,312
CHR8	8297801	CHR8:8297801	SSF x Near_LoA	-8,15981569	-0,042	0,318
CHR8	8297809	CHR8:8297809	SSF x Near_LoA	-11,7818665	0,020	0,305

CHR8	8297811	CHR8:8297811	SSF x Near_LoA	-9,25947692	-0,038	0,311
CHR8	8297815	CHR8:8297815	SSF x Near_LoA	-8,95549577	-0,033	0,311
CHR8	8297845	CHR8:8297845	SSF x Near_LoA	-8,13590335	0,002	0,311
CHR8	8301982	CHR8:8301982	SSF x Near_LoA	-11,642333	-0,037	0,308
CHR8	8301997	CHR8:8301997	SSF x Near_LoA	-9,87448028	-0,042	0,316
CHR8	8309960	CHR8:8309960	SSF x Near_LoA	-7,21363106	0,184	0,294
CHR8	832193	CHR8:832193	SSF x Near_LoA	-8,16166591	-0,077	0,309
CHR8	832264	CHR8:832264	SSF x Near_LoA	-7,63386924	-0,039	0,317
CHR8	832331	CHR8:832331	SSF x Near_LoA	-8,45761266	-0,047	0,312
CHR8	8335216	CHR8:8335216	SSF x Near_LoA	-7,9426748	-0,121	0,318
CHR8	8335217	CHR8:8335217	SSF x Near_LoA	-7,38986844	-0,031	0,314
CHR8	8335222	CHR8:8335222	SSF x Near_LoA	-7,13840785	-0,002	0,314
CHR8	8335243	CHR8:8335243	SSF x Near_LoA	-8,74321494	0,068	0,314
CHR8	8335253	CHR8:8335253	SSF x Near_LoA	-9,18285542	-0,011	0,302
CHR8	8335288	CHR8:8335288	SSF x Near_LoA	-10,4312474	0,012	0,310
CHR8	8335304	CHR8:8335304	SSF x Near_LoA	-10,0494669	-0,019	0,313
CHR8	8335392	CHR8:8335392	SSF x Near_LoA	-8,27463303	-0,055	0,316
CHR8	8335451	CHR8:8335451	SSF x Near_LoA	-11,978287	0,011	0,290
CHR8	8348204	CHR8:8348204	SSF x Near_LoA	0,47275268	0,052	0,314
CHR8	8348217	CHR8:8348217	SSF x Near_LoA	-7,81050331	0,051	0,321
CHR8	8348224	CHR8:8348224	SSF x Near_LoA	-8,86054665	0,025	0,313
CHR8	8348299	CHR8:8348299	SSF x Near_LoA	-9,4929108	0,035	0,304
CHR8	8350689	CHR8:8350689	SSF x Near_LoA	-4,79400315	-0,142	0,303
CHR8	8350707	CHR8:8350707	SSF x Near_LoA	-7,42898062	0,154	0,295
CHR8	8356060	CHR8:8356060	SSF x Near_LoA	-7,33012627	0,053	0,299
CHR8	8356062	CHR8:8356062	SSF x Near_LoA	-10,1233877	0,017	0,314
CHR8	8356066	CHR8:8356066	SSF x Near_LoA	-8,84661855	-0,040	0,302
CHR8	8356069	CHR8:8356069	SSF x Near_LoA	-10,3144258	0,002	0,309
CHR8	8356079	CHR8:8356079	SSF x Near_LoA	-8,77975199	-0,012	0,316
CHR8	8356084	CHR8:8356084	SSF x Near_LoA	-10,3546274	-0,005	0,301
CHR8	8356093	CHR8:8356093	SSF x Near_LoA	-10,1942648	0,055	0,322
CHR8	8356102	CHR8:8356102	SSF x Near_LoA	-7,52480767	-0,055	0,312
CHR8	8356132	CHR8:8356132	SSF x Near_LoA	-9,67266746	-0,010	0,312
CHR8	8362055	CHR8:8362055	SSF x Near_LoA	-7,98489588	0,088	0,309
CHR8	8362074	CHR8:8362074	SSF x Near_LoA	-10,6164063	-0,056	0,310
CHR8	8362102	CHR8:8362102	SSF x Near_LoA	-8,56224638	-0,102	0,317
CHR8	8362151	CHR8:8362151	SSF x Near_LoA	-5,58664316	-0,083	0,311
CHR8	8362186	CHR8:8362186	SSF x Near_LoA	-10,6697279	-0,085	0,307
CHR8	8362229	CHR8:8362229	SSF x Near_LoA	-10,801783	-0,024	0,305
CHR8	8362305	CHR8:8362305	SSF x Near_LoA	-8,41975085	0,084	0,301
CHR8	8362326	CHR8:8362326	SSF x Near_LoA	-10,0352286	-0,084	0,300
CHR8	8364723	CHR8:8364723	SSF x Near_LoA	-8,33250427	0,060	0,300
CHR8	8364726	CHR8:8364726	SSF x Near_LoA	-9,87470094	0,028	0,293
CHR8	8364758	CHR8:8364758	SSF x Near_LoA	-10,5074691	0,088	0,308
CHR8	8364793	CHR8:8364793	SSF x Near_LoA	-5,53470247	0,196	0,283
CHR8	8381907	CHR8:8381907	SSF x Near_LoA	-8,33445633	0,051	0,307
CHR8	8381929	CHR8:8381929	SSF x Near_LoA	-10,5239892	-0,031	0,311
CHR8	8384320	CHR8:8384320	SSF x Near_LoA	-8,0649212	0,071	0,320
CHR8	8384335	CHR8:8384335	SSF x Near_LoA	-10,1946892	0,077	0,310
CHR8	8384352	CHR8:8384352	SSF x Near_LoA	-8,23067906	-0,121	0,311
CHR8	8384354	CHR8:8384354	SSF x Near_LoA	-8,41354496	0,028	0,309
CHR8	8384423	CHR8:8384423	SSF x Near_LoA	-8,27207238	-0,008	0,305
CHR8	8418674	CHR8:8418674	SSF x Near_LoA	-9,51882359	0,081	0,286

CHR8	8418709	CHR8:8418709	SSF x Near_LoA	-9,65639534	0,054	0,309
CHR8	8421310	CHR8:8421310	SSF x Near_LoA	-10,2444647	0,057	0,313
CHR8	8421319	CHR8:8421319	SSF x Near_LoA	-10,3214049	-0,001	0,312
CHR8	8421331	CHR8:8421331	SSF x Near_LoA	-7,92442052	-0,093	0,321
CHR8	8423541	CHR8:8423541	SSF x Near_LoA	-8,58561373	-0,011	0,300
CHR8	8423579	CHR8:8423579	SSF x Near_LoA	-10,0199316	0,054	0,310
CHR8	8423601	CHR8:8423601	SSF x Near_LoA	-9,86005467	-0,063	0,297
CHR8	8423784	CHR8:8423784	SSF x Near_LoA	-9,47328175	-0,018	0,307
CHR8	8430597	CHR8:8430597	SSF x Near_LoA	-9,90799862	-0,053	0,304
CHR8	8430623	CHR8:8430623	SSF x Near_LoA	-11,7574239	0,041	0,298
CHR8	844438	CHR8:844438	SSF x Near_LoA	-12,0033246	-0,048	0,312
CHR8	8452781	CHR8:8452781	SSF x Near_LoA	-10,1005636	0,063	0,319
CHR8	8452819	CHR8:8452819	SSF x Near_LoA	-9,24326023	0,077	0,298
CHR8	8452827	CHR8:8452827	SSF x Near_LoA	-9,89687549	0,069	0,309
CHR8	8452832	CHR8:8452832	SSF x Near_LoA	-9,07388796	0,086	0,295
CHR8	8452879	CHR8:8452879	SSF x Near_LoA	-10,8490954	0,074	0,312
CHR8	8452915	CHR8:8452915	SSF x Near_LoA	-8,79808557	0,082	0,303
CHR8	846750	CHR8:846750	SSF x Near_LoA	-9,854723	0,003	0,310
CHR8	846810	CHR8:846810	SSF x Near_LoA	-10,6378951	0,058	0,309
CHR8	8468345	CHR8:8468345	SSF x Near_LoA	-9,4208357	-0,016	0,307
CHR8	8468401	CHR8:8468401	SSF x Near_LoA	-10,4002656	0,007	0,305
CHR8	846859	CHR8:846859	SSF x Near_LoA	-10,8700301	0,099	0,303
CHR8	846941	CHR8:846941	SSF x Near_LoA	-8,68131098	-0,077	0,304
CHR8	846946	CHR8:846946	SSF x Near_LoA	-9,65260143	-0,101	0,300
CHR8	8485426	CHR8:8485426	SSF x Near_LoA	-9,2971008	-0,050	0,307
CHR8	8485501	CHR8:8485501	SSF x Near_LoA	-10,0367151	0,056	0,310
CHR8	8486903	CHR8:8486903	SSF x Near_LoA	-10,4886883	0,094	0,323
CHR8	8486938	CHR8:8486938	SSF x Near_LoA	-5,50525478	0,075	0,319
CHR8	8486950	CHR8:8486950	SSF x Near_LoA	-8,3952552	0,096	0,307
CHR8	8486987	CHR8:8486987	SSF x Near_LoA	-9,67346641	-0,109	0,304
CHR8	8486995	CHR8:8486995	SSF x Near_LoA	-9,84278528	0,066	0,304
CHR8	8487038	CHR8:8487038	SSF x Near_LoA	-9,38870957	-0,147	0,317
CHR8	8487111	CHR8:8487111	SSF x Near_LoA	-10,3469065	-0,049	0,306
CHR8	8487145	CHR8:8487145	SSF x Near_LoA	-11,2013012	0,075	0,308
CHR8	8500311	CHR8:8500311	SSF x Near_LoA	-8,44815909	-0,144	0,309
CHR8	8500324	CHR8:8500324	SSF x Near_LoA	-3,97328833	0,194	0,297
CHR8	8500326	CHR8:8500326	SSF x Near_LoA	-7,07213669	0,188	0,296
CHR8	8516882	CHR8:8516882	SSF x Near_LoA	-11,9766541	-0,055	0,310
CHR8	8528980	CHR8:8528980	SSF x Near_LoA	-6,46344039	-0,158	0,308
CHR8	8530498	CHR8:8530498	SSF x Near_LoA	-7,97783723	0,136	0,308
CHR8	8530570	CHR8:8530570	SSF x Near_LoA	-7,71700506	0,024	0,310
CHR8	8530677	CHR8:8530677	SSF x Near_LoA	-4,79732115	0,129	0,310
CHR8	8551986	CHR8:8551986	SSF x Near_LoA	-8,54163159	-0,023	0,304
CHR8	8551997	CHR8:8551997	SSF x Near_LoA	-6,96285611	0,008	0,321
CHR8	8552003	CHR8:8552003	SSF x Near_LoA	-9,83929663	0,056	0,303
CHR8	8552024	CHR8:8552024	SSF x Near_LoA	-9,86953427	0,036	0,308
CHR8	8552340	CHR8:8552340	SSF x Near_LoA	-7,83279326	0,157	0,306
CHR8	8552364	CHR8:8552364	SSF x Near_LoA	-10,4806181	0,024	0,306
CHR8	8552387	CHR8:8552387	SSF x Near_LoA	-10,8491743	0,020	0,310
CHR8	8552443	CHR8:8552443	SSF x Near_LoA	-11,9210185	-0,105	0,293
CHR8	8552460	CHR8:8552460	SSF x Near_LoA	-9,25251047	0,056	0,301
CHR8	8552462	CHR8:8552462	SSF x Near_LoA	-10,9717797	-0,043	0,302
CHR8	8563892	CHR8:8563892	SSF x Near_LoA	-7,40348954	-0,174	0,300

CHR8	8563904	CHR8:8563904	SSF x Near_LoA	-5,20542322	-0,238	0,293
CHR8	8563924	CHR8:8563924	SSF x Near_LoA	-10,9994587	-0,094	0,306
CHR8	8563925	CHR8:8563925	SSF x Near_LoA	-4,43200225	-0,240	0,296
CHR8	8563927	CHR8:8563927	SSF x Near_LoA	-4,13901667	-0,227	0,298
CHR8	8563937	CHR8:8563937	SSF x Near_LoA	-3,83162533	-0,233	0,291
CHR8	8563946	CHR8:8563946	SSF x Near_LoA	-4,28982624	-0,243	0,284
CHR8	8563949	CHR8:8563949	SSF x Near_LoA	-1,72123467	-0,256	0,285
CHR8	8563973	CHR8:8563973	SSF x Near_LoA	-12,0530565	0,075	0,299
CHR8	8571375	CHR8:8571375	SSF x Near_LoA	-11,6229383	-0,035	0,294
CHR8	8571376	CHR8:8571376	SSF x Near_LoA	-11,4039897	-0,045	0,301
CHR8	8571383	CHR8:8571383	SSF x Near_LoA	-8,22890834	-0,125	0,295
CHR8	8571396	CHR8:8571396	SSF x Near_LoA	-10,3119357	0,100	0,292
CHR8	8571418	CHR8:8571418	SSF x Near_LoA	-8,30128047	0,036	0,314
CHR8	8571453	CHR8:8571453	SSF x Near_LoA	-8,97298436	0,075	0,300
CHR8	8571486	CHR8:8571486	SSF x Near_LoA	-8,00637954	-0,061	0,320
CHR8	8571532	CHR8:8571532	SSF x Near_LoA	-10,5071276	-0,025	0,310
CHR8	8571539	CHR8:8571539	SSF x Near_LoA	-9,05398382	0,024	0,305
CHR8	8571543	CHR8:8571543	SSF x Near_LoA	-9,74959727	0,003	0,308
CHR8	8571576	CHR8:8571576	SSF x Near_LoA	-9,17845347	0,067	0,306
CHR8	8571617	CHR8:8571617	SSF x Near_LoA	-5,86856854	-0,023	0,301
CHR8	8573865	CHR8:8573865	SSF x Near_LoA	-10,3550261	0,074	0,315
CHR8	8573954	CHR8:8573954	SSF x Near_LoA	-10,069491	0,015	0,308
CHR8	8574044	CHR8:8574044	SSF x Near_LoA	-6,04875563	-0,135	0,300
CHR8	8575667	CHR8:8575667	SSF x Near_LoA	-10,790669	0,115	0,300
CHR8	8575831	CHR8:8575831	SSF x Near_LoA	-8,91295524	0,030	0,307
CHR8	857977	CHR8:857977	SSF x Near_LoA	-8,85105004	0,020	0,311
CHR8	858069	CHR8:858069	SSF x Near_LoA	-9,4537639	0,004	0,323
CHR8	8581545	CHR8:8581545	SSF x Near_LoA	-11,8842434	-0,036	0,302
CHR8	8581564	CHR8:8581564	SSF x Near_LoA	-9,19473621	-0,161	0,299
CHR8	8581589	CHR8:8581589	SSF x Near_LoA	-4,49301507	-0,124	0,288
CHR8	8581599	CHR8:8581599	SSF x Near_LoA	-9,8225941	-0,056	0,315
CHR8	8581626	CHR8:8581626	SSF x Near_LoA	-10,4474249	-0,105	0,301
CHR8	8587240	CHR8:8587240	SSF x Near_LoA	-8,46626249	-0,025	0,318
CHR8	8587246	CHR8:8587246	SSF x Near_LoA	-10,7796155	-0,099	0,306
CHR8	8587261	CHR8:8587261	SSF x Near_LoA	-10,5278327	-0,015	0,312
CHR8	8587347	CHR8:8587347	SSF x Near_LoA	-8,33288814	-0,115	0,316
CHR8	8588866	CHR8:8588866	SSF x Near_LoA	-9,60100507	-0,008	0,311
CHR8	8588931	CHR8:8588931	SSF x Near_LoA	-8,53603106	0,032	0,322
CHR8	8589848	CHR8:8589848	SSF x Near_LoA	-8,59944124	0,116	0,300
CHR8	8589959	CHR8:8589959	SSF x Near_LoA	-11,7553701	0,046	0,302
CHR8	8594911	CHR8:8594911	SSF x Near_LoA	-11,487967	-0,022	0,307
CHR8	8594982	CHR8:8594982	SSF x Near_LoA	-8,73919735	-0,024	0,301
CHR8	8595203	CHR8:8595203	SSF x Near_LoA	-10,5036893	-0,054	0,305
CHR8	8595215	CHR8:8595215	SSF x Near_LoA	-7,09653357	-0,067	0,309
CHR8	8596651	CHR8:8596651	SSF x Near_LoA	-7,19372405	0,057	0,310
CHR8	859915	CHR8:859915	SSF x Near_LoA	-11,2366127	-0,036	0,312
CHR8	860072	CHR8:860072	SSF x Near_LoA	-9,1758759	-0,006	0,317
CHR8	8606616	CHR8:8606616	SSF x Near_LoA	-10,96937	0,039	0,311
CHR8	8606674	CHR8:8606674	SSF x Near_LoA	-5,61974015	-0,107	0,311
CHR8	8606678	CHR8:8606678	SSF x Near_LoA	-8,70449748	-0,078	0,312
CHR8	8606733	CHR8:8606733	SSF x Near_LoA	-10,3379474	-0,093	0,312
CHR8	8607872	CHR8:8607872	SSF x Near_LoA	-8,89807485	-0,082	0,296
CHR8	8607938	CHR8:8607938	SSF x Near_LoA	-5,44529122	0,131	0,303

CHR8	8607939	CHR8:8607939	SSF x Near_LoA	-8,43963129	0,078	0,310
CHR8	8607941	CHR8:8607941	SSF x Near_LoA	-11,4075865	0,030	0,318
CHR8	8620846	CHR8:8620846	SSF x Near_LoA	-9,84161005	-0,008	0,309
CHR8	8620882	CHR8:8620882	SSF x Near_LoA	-11,041582	-0,006	0,308
CHR8	8626583	CHR8:8626583	SSF x Near_LoA	-8,45431215	-0,006	0,297
CHR8	8627067	CHR8:8627067	SSF x Near_LoA	-5,64213275	0,090	0,297
CHR8	8627295	CHR8:8627295	SSF x Near_LoA	-10,1203781	-0,069	0,302
CHR8	8644401	CHR8:8644401	SSF x Near_LoA	-7,97814191	-0,116	0,300
CHR8	8644409	CHR8:8644409	SSF x Near_LoA	-0,14192471	-0,137	0,298
CHR8	8644413	CHR8:8644413	SSF x Near_LoA	-7,17592308	-0,124	0,308
CHR8	8644417	CHR8:8644417	SSF x Near_LoA	-7,60262947	-0,107	0,317
CHR8	8645534	CHR8:8645534	SSF x Near_LoA	-8,1327057	-0,035	0,310
CHR8	8645563	CHR8:8645563	SSF x Near_LoA	-10,1856802	-0,082	0,315
CHR8	8645575	CHR8:8645575	SSF x Near_LoA	-9,10701717	0,029	0,318
CHR8	8645595	CHR8:8645595	SSF x Near_LoA	-7,88765197	-0,061	0,309
CHR8	8646198	CHR8:8646198	SSF x Near_LoA	-10,6211745	0,103	0,294
CHR8	8646200	CHR8:8646200	SSF x Near_LoA	-5,92888356	-0,112	0,319
CHR8	8646256	CHR8:8646256	SSF x Near_LoA	-9,20335248	-0,096	0,305
CHR8	8657899	CHR8:8657899	SSF x Near_LoA	-9,87207656	-0,057	0,313
CHR8	8657987	CHR8:8657987	SSF x Near_LoA	-6,85310305	0,003	0,304
CHR8	8657988	CHR8:8657988	SSF x Near_LoA	-9,71162089	-0,021	0,310
CHR8	866782	CHR8:866782	SSF x Near_LoA	-8,72671196	0,020	0,321
CHR8	8680091	CHR8:8680091	SSF x Near_LoA	-7,11604145	0,206	0,292
CHR8	8680131	CHR8:8680131	SSF x Near_LoA	-5,00599682	0,201	0,293
CHR8	8693173	CHR8:8693173	SSF x Near_LoA	-8,74005035	0,075	0,313
CHR8	8694543	CHR8:8694543	SSF x Near_LoA	-10,8749416	0,030	0,308
CHR8	8694546	CHR8:8694546	SSF x Near_LoA	-9,73366816	-0,068	0,306
CHR8	8694575	CHR8:8694575	SSF x Near_LoA	-5,73545173	0,022	0,304
CHR8	8694587	CHR8:8694587	SSF x Near_LoA	-9,26736885	0,091	0,312
CHR8	8694660	CHR8:8694660	SSF x Near_LoA	-8,61817101	-0,019	0,301
CHR8	8694747	CHR8:8694747	SSF x Near_LoA	-6,70282163	-0,015	0,307
CHR8	8695744	CHR8:8695744	SSF x Near_LoA	-4,91117399	0,015	0,305
CHR8	8695754	CHR8:8695754	SSF x Near_LoA	-11,5516204	0,007	0,319
CHR8	870205	CHR8:870205	SSF x Near_LoA	-5,91735674	-0,060	0,319
CHR8	870401	CHR8:870401	SSF x Near_LoA	-8,80947031	-0,083	0,305
CHR8	870458	CHR8:870458	SSF x Near_LoA	-11,2405381	0,064	0,296
CHR8	870460	CHR8:870460	SSF x Near_LoA	-6,68877856	-0,040	0,304
CHR8	8719181	CHR8:8719181	SSF x Near_LoA	-8,07292165	0,124	0,307
CHR8	8719271	CHR8:8719271	SSF x Near_LoA	-9,45215768	-0,027	0,308
CHR8	8729464	CHR8:8729464	SSF x Near_LoA	-10,1090528	0,126	0,304
CHR8	8729496	CHR8:8729496	SSF x Near_LoA	-7,14559929	-0,014	0,314
CHR8	8729498	CHR8:8729498	SSF x Near_LoA	-8,75461555	-0,092	0,311
CHR8	8729503	CHR8:8729503	SSF x Near_LoA	-8,30377332	-0,047	0,311
CHR8	8729533	CHR8:8729533	SSF x Near_LoA	-9,49607548	0,031	0,314
CHR8	8729541	CHR8:8729541	SSF x Near_LoA	2,82989576	0,028	0,317
CHR8	873551	CHR8:873551	SSF x Near_LoA	-10,7611677	0,024	0,298
CHR8	8743417	CHR8:8743417	SSF x Near_LoA	-11,3532923	-0,026	0,306
CHR8	8743579	CHR8:8743579	SSF x Near_LoA	-5,9058081	-0,014	0,313
CHR8	8743595	CHR8:8743595	SSF x Near_LoA	-8,09135994	0,155	0,308
CHR8	8743621	CHR8:8743621	SSF x Near_LoA	-11,4033338	0,132	0,295
CHR8	8743632	CHR8:8743632	SSF x Near_LoA	-10,8310406	-0,027	0,300
CHR8	8743658	CHR8:8743658	SSF x Near_LoA	-7,73470258	-0,006	0,306
CHR8	8743663	CHR8:8743663	SSF x Near_LoA	-10,8153465	0,008	0,314

CHR8	874434	CHR8:874434	SSF x Near_LoA	-6,26901314	-0,178	0,290
CHR8	8757580	CHR8:8757580	SSF x Near_LoA	-10,4573465	0,029	0,319
CHR8	8757611	CHR8:8757611	SSF x Near_LoA	-7,75101508	-0,107	0,317
CHR8	8757626	CHR8:8757626	SSF x Near_LoA	-7,79487275	-0,015	0,307
CHR8	8760704	CHR8:8760704	SSF x Near_LoA	-9,7946738	-0,110	0,303
CHR8	8760792	CHR8:8760792	SSF x Near_LoA	-8,09182205	0,091	0,304
CHR8	876154	CHR8:876154	SSF x Near_LoA	-9,95305626	0,136	0,299
CHR8	876285	CHR8:876285	SSF x Near_LoA	-4,88423099	-0,180	0,299
CHR8	876324	CHR8:876324	SSF x Near_LoA	-10,3960045	-0,069	0,308
CHR8	876351	CHR8:876351	SSF x Near_LoA	-9,42690269	-0,033	0,304
CHR8	8764046	CHR8:8764046	SSF x Near_LoA	-7,42039947	-0,070	0,301
CHR8	8764072	CHR8:8764072	SSF x Near_LoA	-7,18086639	-0,128	0,303
CHR8	8764073	CHR8:8764073	SSF x Near_LoA	-9,01423859	-0,078	0,302
CHR8	8764096	CHR8:8764096	SSF x Near_LoA	-7,85172773	-0,019	0,309
CHR8	8764112	CHR8:8764112	SSF x Near_LoA	-11,2671256	0,038	0,299
CHR8	8764118	CHR8:8764118	SSF x Near_LoA	-9,16735725	-0,059	0,305
CHR8	8764160	CHR8:8764160	SSF x Near_LoA	-10,3316845	0,029	0,295
CHR8	8764164	CHR8:8764164	SSF x Near_LoA	-10,7540424	0,048	0,312
CHR8	8764291	CHR8:8764291	SSF x Near_LoA	-11,7046048	0,064	0,302
CHR8	8785407	CHR8:8785407	SSF x Near_LoA	-9,37690872	0,106	0,313
CHR8	8805780	CHR8:8805780	SSF x Near_LoA	-6,5231999	-0,060	0,317
CHR8	8805839	CHR8:8805839	SSF x Near_LoA	-10,0327813	-0,016	0,304
CHR8	8805841	CHR8:8805841	SSF x Near_LoA	-9,99799901	0,027	0,295
CHR8	8805845	CHR8:8805845	SSF x Near_LoA	-4,15162835	-0,036	0,292
CHR8	8805898	CHR8:8805898	SSF x Near_LoA	-10,0091838	-0,041	0,307
CHR8	882880	CHR8:882880	SSF x Near_LoA	-10,2843076	-0,018	0,305
CHR8	883120	CHR8:883120	SSF x Near_LoA	-10,2398249	-0,043	0,305
CHR8	8833800	CHR8:8833800	SSF x Near_LoA	-9,11666569	0,025	0,316
CHR8	8833801	CHR8:8833801	SSF x Near_LoA	-7,62969082	-0,014	0,314
CHR8	8833857	CHR8:8833857	SSF x Near_LoA	-8,71527714	-0,059	0,309
CHR8	8833878	CHR8:8833878	SSF x Near_LoA	-10,4697037	0,003	0,299
CHR8	8834018	CHR8:8834018	SSF x Near_LoA	-2,87711569	-0,002	0,323
CHR8	8834030	CHR8:8834030	SSF x Near_LoA	-10,9678708	-0,023	0,329
CHR8	8838901	CHR8:8838901	SSF x Near_LoA	-9,76847379	-0,177	0,303
CHR8	8840304	CHR8:8840304	SSF x Near_LoA	-7,55807275	0,120	0,306
CHR8	8840325	CHR8:8840325	SSF x Near_LoA	-11,8408493	-0,019	0,306
CHR8	8840333	CHR8:8840333	SSF x Near_LoA	-12,2062174	0,033	0,312
CHR8	8840347	CHR8:8840347	SSF x Near_LoA	-9,2078582	-0,010	0,303
CHR8	8840355	CHR8:8840355	SSF x Near_LoA	-9,09062122	-0,030	0,310
CHR8	8846441	CHR8:8846441	SSF x Near_LoA	-1,00518143	0,055	0,311
CHR8	8846507	CHR8:8846507	SSF x Near_LoA	-11,2807038	-0,007	0,314
CHR8	8846508	CHR8:8846508	SSF x Near_LoA	-10,6098271	-0,001	0,294
CHR8	8846538	CHR8:8846538	SSF x Near_LoA	-9,9107108	-0,049	0,300
CHR8	8846678	CHR8:8846678	SSF x Near_LoA	-8,77574435	-0,007	0,305
CHR8	885096	CHR8:885096	SSF x Near_LoA	-10,8367292	-0,001	0,319
CHR8	885366	CHR8:885366	SSF x Near_LoA	-11,2595886	-0,013	0,304
CHR8	8857154	CHR8:8857154	SSF x Near_LoA	-5,13002833	-0,178	0,296
CHR8	8857183	CHR8:8857183	SSF x Near_LoA	-10,233156	-0,012	0,305
CHR8	8857251	CHR8:8857251	SSF x Near_LoA	-10,1941578	-0,053	0,309
CHR8	8857287	CHR8:8857287	SSF x Near_LoA	-10,8420314	-0,004	0,305
CHR8	8868463	CHR8:8868463	SSF x Near_LoA	-11,9860221	-0,010	0,315
CHR8	8868480	CHR8:8868480	SSF x Near_LoA	-9,62904366	0,014	0,327
CHR8	8879215	CHR8:8879215	SSF x Near_LoA	-9,12954637	0,113	0,310

CHR8	8879279	CHR8:8879279	SSF x Near_LoA	-8,08829741	0,101	0,311
CHR8	8879294	CHR8:8879294	SSF x Near_LoA	-8,29414198	0,099	0,296
CHR8	8879300	CHR8:8879300	SSF x Near_LoA	-9,31486312	0,107	0,312
CHR8	8879309	CHR8:8879309	SSF x Near_LoA	-8,68059125	0,108	0,304
CHR8	8879320	CHR8:8879320	SSF x Near_LoA	-7,87228581	-0,098	0,317
CHR8	8879348	CHR8:8879348	SSF x Near_LoA	-5,07773689	0,195	0,300
CHR8	8879378	CHR8:8879378	SSF x Near_LoA	-10,5579024	0,086	0,309
CHR8	8886376	CHR8:8886376	SSF x Near_LoA	-7,6950641	-0,030	0,317
CHR8	8886485	CHR8:8886485	SSF x Near_LoA	-7,03992279	0,150	0,301
CHR8	8886491	CHR8:8886491	SSF x Near_LoA	-6,07105554	0,091	0,294
CHR8	8886508	CHR8:8886508	SSF x Near_LoA	-8,46972821	-0,029	0,324
CHR8	8886532	CHR8:8886532	SSF x Near_LoA	-9,56680824	-0,010	0,309
CHR8	8886561	CHR8:8886561	SSF x Near_LoA	-9,59128263	0,071	0,303
CHR8	8889493	CHR8:8889493	SSF x Near_LoA	-9,90295438	-0,083	0,309
CHR8	8889516	CHR8:8889516	SSF x Near_LoA	-9,22275584	-0,091	0,310
CHR8	8889518	CHR8:8889518	SSF x Near_LoA	-9,63304124	0,089	0,301
CHR8	8889527	CHR8:8889527	SSF x Near_LoA	-9,74307071	0,083	0,303
CHR8	8889535	CHR8:8889535	SSF x Near_LoA	-9,20009714	-0,037	0,307
CHR8	8890033	CHR8:8890033	SSF x Near_LoA	-11,9171204	0,022	0,304
CHR8	8894867	CHR8:8894867	SSF x Near_LoA	-3,29507725	-0,112	0,309
CHR8	8894910	CHR8:8894910	SSF x Near_LoA	-10,8770242	-0,013	0,315
CHR8	8894914	CHR8:8894914	SSF x Near_LoA	-10,5342076	-0,010	0,301
CHR8	8894953	CHR8:8894953	SSF x Near_LoA	-10,1767942	-0,036	0,308
CHR8	8895008	CHR8:8895008	SSF x Near_LoA	-7,70806228	-0,010	0,315
CHR8	8902761	CHR8:8902761	SSF x Near_LoA	-9,2437535	0,053	0,314
CHR8	8902784	CHR8:8902784	SSF x Near_LoA	-10,7519184	-0,137	0,299
CHR8	8903046	CHR8:8903046	SSF x Near_LoA	-11,3005132	0,015	0,296
CHR8	8909104	CHR8:8909104	SSF x Near_LoA	-7,59871488	-0,044	0,311
CHR8	8912067	CHR8:8912067	SSF x Near_LoA	-9,7754902	-0,055	0,311
CHR8	8922378	CHR8:8922378	SSF x Near_LoA	-10,0667794	0,164	0,290
CHR8	8925783	CHR8:8925783	SSF x Near_LoA	-9,22768344	0,050	0,310
CHR8	8927499	CHR8:8927499	SSF x Near_LoA	-10,2435644	-0,051	0,321
CHR8	8935174	CHR8:8935174	SSF x Near_LoA	-9,13189159	0,069	0,319
CHR8	8935197	CHR8:8935197	SSF x Near_LoA	-10,2192795	-0,034	0,304
CHR8	8935218	CHR8:8935218	SSF x Near_LoA	-8,7394248	-0,037	0,294
CHR8	8935273	CHR8:8935273	SSF x Near_LoA	-7,7204071	-0,023	0,308
CHR8	8935283	CHR8:8935283	SSF x Near_LoA	-9,3647609	0,021	0,297
CHR8	8953801	CHR8:8953801	SSF x Near_LoA	-7,17858908	0,113	0,311
CHR8	8953869	CHR8:8953869	SSF x Near_LoA	-9,67267898	-0,072	0,302
CHR8	8953947	CHR8:8953947	SSF x Near_LoA	-9,18403469	0,109	0,303
CHR8	8953962	CHR8:8953962	SSF x Near_LoA	-10,0449188	0,029	0,307
CHR8	8953989	CHR8:8953989	SSF x Near_LoA	-9,51225691	-0,025	0,307
CHR8	8954000	CHR8:8954000	SSF x Near_LoA	-8,14551091	0,099	0,303
CHR8	8955687	CHR8:8955687	SSF x Near_LoA	-9,82098648	-0,103	0,303
CHR8	8955764	CHR8:8955764	SSF x Near_LoA	-9,36350238	-0,037	0,310
CHR8	8955770	CHR8:8955770	SSF x Near_LoA	-8,31340299	-0,036	0,307
CHR8	8955828	CHR8:8955828	SSF x Near_LoA	-7,36976617	0,059	0,303
CHR8	8955880	CHR8:8955880	SSF x Near_LoA	-8,85307206	0,094	0,288
CHR8	8955883	CHR8:8955883	SSF x Near_LoA	-9,8283268	0,032	0,307
CHR8	8955893	CHR8:8955893	SSF x Near_LoA	-10,6050175	0,059	0,297
CHR8	8957234	CHR8:8957234	SSF x Near_LoA	-9,35914109	-0,068	0,301
CHR8	8957236	CHR8:8957236	SSF x Near_LoA	-9,69167922	0,041	0,305
CHR8	8957312	CHR8:8957312	SSF x Near_LoA	-10,0523755	-0,039	0,307

CHR8	8957318	CHR8:8957318	SSF x Near_LoA	-9,53478005	0,003	0,311
CHR8	8957323	CHR8:8957323	SSF x Near_LoA	-9,04563658	0,033	0,302
CHR8	8957334	CHR8:8957334	SSF x Near_LoA	-7,51375654	0,081	0,299
CHR8	8957344	CHR8:8957344	SSF x Near_LoA	-7,29491768	-0,028	0,320
CHR8	8972223	CHR8:8972223	SSF x Near_LoA	-7,48146097	0,091	0,295
CHR8	8972230	CHR8:8972230	SSF x Near_LoA	-7,278948	0,119	0,322
CHR8	8972250	CHR8:8972250	SSF x Near_LoA	-10,3191662	-0,027	0,311
CHR8	8972297	CHR8:8972297	SSF x Near_LoA	-9,14228204	-0,020	0,295
CHR8	8972328	CHR8:8972328	SSF x Near_LoA	-7,31875848	0,130	0,291
CHR8	8972344	CHR8:8972344	SSF x Near_LoA	-5,5476247	-0,121	0,309
CHR8	8972392	CHR8:8972392	SSF x Near_LoA	-10,1756055	-0,045	0,304
CHR8	8972442	CHR8:8972442	SSF x Near_LoA	-6,93187696	-0,086	0,297
CHR8	8972456	CHR8:8972456	SSF x Near_LoA	-11,0928522	0,108	0,290
CHR8	8972468	CHR8:8972468	SSF x Near_LoA	-9,24314456	0,003	0,304
CHR8	8976915	CHR8:8976915	SSF x Near_LoA	-6,76702015	0,119	0,313
CHR8	8976946	CHR8:8976946	SSF x Near_LoA	-9,12106938	0,073	0,318
CHR8	8976961	CHR8:8976961	SSF x Near_LoA	-5,93552474	0,155	0,297
CHR8	8976984	CHR8:8976984	SSF x Near_LoA	-11,330097	-0,038	0,294
CHR8	8976989	CHR8:8976989	SSF x Near_LoA	-2,94530685	-0,098	0,299
CHR8	8977013	CHR8:8977013	SSF x Near_LoA	-5,74840842	-0,185	0,295
CHR8	897709	CHR8:897709	SSF x Near_LoA	-6,75054553	0,161	0,302
CHR8	8977155	CHR8:8977155	SSF x Near_LoA	-10,9744616	-0,024	0,308
CHR8	8982846	CHR8:8982846	SSF x Near_LoA	-8,81636184	-0,071	0,311
CHR8	8982915	CHR8:8982915	SSF x Near_LoA	-8,15246672	-0,060	0,316
CHR8	8986837	CHR8:8986837	SSF x Near_LoA	-10,9727785	-0,055	0,317
CHR8	8986910	CHR8:8986910	SSF x Near_LoA	-9,39429685	0,006	0,308
CHR8	8992416	CHR8:8992416	SSF x Near_LoA	-8,880796	0,036	0,293
CHR8	8992461	CHR8:8992461	SSF x Near_LoA	-9,33992878	-0,081	0,305
CHR8	8992468	CHR8:8992468	SSF x Near_LoA	-10,1467021	0,036	0,302
CHR8	8992490	CHR8:8992490	SSF x Near_LoA	-11,272469	-0,057	0,297
CHR8	8992534	CHR8:8992534	SSF x Near_LoA	-5,16277444	0,035	0,308
CHR8	8998274	CHR8:8998274	SSF x Near_LoA	-8,04290755	0,006	0,323
CHR8	8998381	CHR8:8998381	SSF x Near_LoA	-4,09454361	-0,014	0,312
CHR8	9000371	CHR8:9000371	SSF x Near_LoA	-11,3085013	-0,022	0,310
CHR8	9003420	CHR8:9003420	SSF x Near_LoA	-7,48493594	0,147	0,304
CHR8	9003447	CHR8:9003447	SSF x Near_LoA	-8,16095745	0,095	0,296
CHR8	9003472	CHR8:9003472	SSF x Near_LoA	-8,10015918	-0,077	0,301
CHR8	9004468	CHR8:9004468	SSF x Near_LoA	-9,5775277	-0,102	0,298
CHR8	9012907	CHR8:9012907	SSF x Near_LoA	-9,59370511	-0,087	0,314
CHR8	9014403	CHR8:9014403	SSF x Near_LoA	-9,74387169	-0,035	0,310
CHR8	9014461	CHR8:9014461	SSF x Near_LoA	-11,6716795	0,001	0,295
CHR8	9014489	CHR8:9014489	SSF x Near_LoA	-11,4238689	0,011	0,314
CHR8	9029310	CHR8:9029310	SSF x Near_LoA	-10,2075576	-0,072	0,280
CHR8	9031568	CHR8:9031568	SSF x Near_LoA	-5,68453176	0,218	0,313
CHR8	9031593	CHR8:9031593	SSF x Near_LoA	-6,3792235	-0,139	0,306
CHR8	9031627	CHR8:9031627	SSF x Near_LoA	-6,20362945	0,243	0,289
CHR8	9044808	CHR8:9044808	SSF x Near_LoA	-8,68589696	-0,030	0,310
CHR8	9061485	CHR8:9061485	SSF x Near_LoA	-10,027212	-0,004	0,303
CHR8	9061518	CHR8:9061518	SSF x Near_LoA	-4,11976718	0,056	0,304
CHR8	9061600	CHR8:9061600	SSF x Near_LoA	-9,28624403	-0,096	0,313
CHR8	9062520	CHR8:9062520	SSF x Near_LoA	-8,92933879	0,087	0,313
CHR8	9062579	CHR8:9062579	SSF x Near_LoA	-0,70564332	0,122	0,306
CHR8	9066222	CHR8:9066222	SSF x Near_LoA	-7,68115065	0,142	0,299

CHR8	9066224	CHR8:9066224	SSF x Near_LoA	-9,15711559	0,066	0,304
CHR8	9066280	CHR8:9066280	SSF x Near_LoA	-9,38107025	0,030	0,304
CHR8	9066290	CHR8:9066290	SSF x Near_LoA	-10,8814879	-0,018	0,301
CHR8	9066327	CHR8:9066327	SSF x Near_LoA	-9,80429812	0,131	0,315
CHR8	9066415	CHR8:9066415	SSF x Near_LoA	-8,95061449	0,067	0,306
CHR8	9070228	CHR8:9070228	SSF x Near_LoA	-10,9360121	-0,065	0,314
CHR8	9070262	CHR8:9070262	SSF x Near_LoA	-10,0806233	-0,087	0,303
CHR8	9071758	CHR8:9071758	SSF x Near_LoA	-6,56159454	-0,043	0,310
CHR8	9071759	CHR8:9071759	SSF x Near_LoA	-6,39852633	-0,066	0,312
CHR8	9071865	CHR8:9071865	SSF x Near_LoA	-7,71460284	0,045	0,305
CHR8	9075696	CHR8:9075696	SSF x Near_LoA	-6,39542258	-0,120	0,304
CHR8	9086810	CHR8:9086810	SSF x Near_LoA	-10,7721657	0,036	0,296
CHR8	9086846	CHR8:9086846	SSF x Near_LoA	-10,6546834	-0,029	0,295
CHR8	9086992	CHR8:9086992	SSF x Near_LoA	-9,44321541	0,018	0,309
CHR8	9112509	CHR8:9112509	SSF x Near_LoA	-10,593336	-0,083	0,304
CHR8	9118494	CHR8:9118494	SSF x Near_LoA	-8,8261279	0,078	0,315
CHR8	9118635	CHR8:9118635	SSF x Near_LoA	-8,6138355	0,024	0,308
CHR8	9125859	CHR8:9125859	SSF x Near_LoA	-12,006396	-0,020	0,312
CHR8	9152571	CHR8:9152571	SSF x Near_LoA	-10,9532109	-0,067	0,316
CHR8	9161850	CHR8:9161850	SSF x Near_LoA	-5,02116928	-0,017	0,312
CHR8	9161930	CHR8:9161930	SSF x Near_LoA	-8,07751635	0,053	0,304
CHR8	9162145	CHR8:9162145	SSF x Near_LoA	-9,65793295	0,014	0,300
CHR8	9162150	CHR8:9162150	SSF x Near_LoA	-9,57989485	0,035	0,308
CHR8	9162160	CHR8:9162160	SSF x Near_LoA	-7,32478034	0,132	0,299
CHR8	9165219	CHR8:9165219	SSF x Near_LoA	-7,06361833	0,163	0,288
CHR8	9165229	CHR8:9165229	SSF x Near_LoA	-5,7554855	0,129	0,286
CHR8	9165232	CHR8:9165232	SSF x Near_LoA	2,46325946	0,120	0,297
CHR8	917300	CHR8:917300	SSF x Near_LoA	-11,4006602	0,079	0,313
CHR8	9183842	CHR8:9183842	SSF x Near_LoA	-11,3644158	0,095	0,307
CHR8	9183949	CHR8:9183949	SSF x Near_LoA	-7,26795642	-0,141	0,303
CHR8	9184005	CHR8:9184005	SSF x Near_LoA	-9,14030448	0,063	0,306
CHR8	9184048	CHR8:9184048	SSF x Near_LoA	-9,45155468	-0,093	0,308
CHR8	9184084	CHR8:9184084	SSF x Near_LoA	-7,32052293	-0,107	0,305
CHR8	9184120	CHR8:9184120	SSF x Near_LoA	-6,09494841	-0,201	0,305
CHR8	9187777	CHR8:9187777	SSF x Near_LoA	-10,4250453	-0,061	0,303
CHR8	9187849	CHR8:9187849	SSF x Near_LoA	-10,3494648	-0,001	0,306
CHR8	9187898	CHR8:9187898	SSF x Near_LoA	-9,25591016	-0,009	0,297
CHR8	9192371	CHR8:9192371	SSF x Near_LoA	-11,174424	-0,035	0,310
CHR8	9192374	CHR8:9192374	SSF x Near_LoA	-9,0431805	-0,108	0,313
CHR8	9192393	CHR8:9192393	SSF x Near_LoA	-10,5219888	0,017	0,308
CHR8	9192413	CHR8:9192413	SSF x Near_LoA	-5,632694	-0,208	0,290
CHR8	9194309	CHR8:9194309	SSF x Near_LoA	-12,275603	-0,025	0,302
CHR8	9194344	CHR8:9194344	SSF x Near_LoA	-9,28988409	0,064	0,312
CHR8	9194541	CHR8:9194541	SSF x Near_LoA	-9,01342745	0,025	0,311
CHR8	9199175	CHR8:9199175	SSF x Near_LoA	-8,92002075	0,004	0,318
CHR8	9199254	CHR8:9199254	SSF x Near_LoA	-7,95570981	-0,113	0,302
CHR8	9199352	CHR8:9199352	SSF x Near_LoA	-10,107482	0,002	0,300
CHR8	9199383	CHR8:9199383	SSF x Near_LoA	-9,95331851	0,118	0,292
CHR8	9199431	CHR8:9199431	SSF x Near_LoA	-8,49019732	-0,016	0,307
CHR8	920270	CHR8:920270	SSF x Near_LoA	-9,44970003	0,171	0,288
CHR8	9207468	CHR8:9207468	SSF x Near_LoA	-9,73432727	0,095	0,303
CHR8	9207543	CHR8:9207543	SSF x Near_LoA	-9,31847658	-0,014	0,303
CHR8	9208012	CHR8:9208012	SSF x Near_LoA	-11,168636	0,067	0,308

CHR8	9211698	CHR8:9211698	SSF x Near_LoA	-9,916752	0,064	0,309
CHR8	9211764	CHR8:9211764	SSF x Near_LoA	-8,42977576	0,111	0,309
CHR8	9221242	CHR8:9221242	SSF x Near_LoA	-11,2040076	-0,077	0,309
CHR8	9221325	CHR8:9221325	SSF x Near_LoA	-6,55867952	0,136	0,309
CHR8	9221360	CHR8:9221360	SSF x Near_LoA	-9,69481759	-0,072	0,304
CHR8	9221431	CHR8:9221431	SSF x Near_LoA	-9,23780841	0,069	0,301
CHR8	9227319	CHR8:9227319	SSF x Near_LoA	-7,59747403	0,094	0,306
CHR8	9227521	CHR8:9227521	SSF x Near_LoA	-8,28294941	0,098	0,294
CHR8	9237488	CHR8:9237488	SSF x Near_LoA	-10,7702072	-0,052	0,307
CHR8	9237505	CHR8:9237505	SSF x Near_LoA	-11,4790686	-0,003	0,308
CHR8	9237803	CHR8:9237803	SSF x Near_LoA	-8,26403165	0,156	0,301
CHR8	9237804	CHR8:9237804	SSF x Near_LoA	-5,80711748	-0,179	0,303
CHR8	9237841	CHR8:9237841	SSF x Near_LoA	-4,25592558	0,115	0,302
CHR8	9237847	CHR8:9237847	SSF x Near_LoA	-11,2198704	-0,034	0,311
CHR8	9237906	CHR8:9237906	SSF x Near_LoA	-8,20622668	0,096	0,298
CHR8	924398	CHR8:924398	SSF x Near_LoA	-11,1243245	0,041	0,302
CHR8	924644	CHR8:924644	SSF x Near_LoA	-11,5543419	0,038	0,294
CHR8	9255305	CHR8:9255305	SSF x Near_LoA	-10,2879319	-0,110	0,299
CHR8	9255352	CHR8:9255352	SSF x Near_LoA	-10,5154627	0,036	0,315
CHR8	9255400	CHR8:9255400	SSF x Near_LoA	-9,6583626	0,058	0,297
CHR8	9255410	CHR8:9255410	SSF x Near_LoA	-11,3834961	0,041	0,304
CHR8	9255415	CHR8:9255415	SSF x Near_LoA	-10,008279	0,054	0,305
CHR8	9255436	CHR8:9255436	SSF x Near_LoA	-3,09553877	0,131	0,317
CHR8	9255441	CHR8:9255441	SSF x Near_LoA	-5,21124499	0,065	0,321
CHR8	9265821	CHR8:9265821	SSF x Near_LoA	-7,55036844	0,066	0,321
CHR8	9265866	CHR8:9265866	SSF x Near_LoA	-10,7846849	-0,046	0,303
CHR8	9266005	CHR8:9266005	SSF x Near_LoA	-7,39905393	-0,079	0,302
CHR8	9266006	CHR8:9266006	SSF x Near_LoA	-8,96165129	-0,068	0,316
CHR8	9266037	CHR8:9266037	SSF x Near_LoA	-10,1282353	0,003	0,303
CHR8	9266062	CHR8:9266062	SSF x Near_LoA	-11,0573408	-0,040	0,317
CHR8	9266125	CHR8:9266125	SSF x Near_LoA	-9,20831929	-0,122	0,309
CHR8	9274203	CHR8:9274203	SSF x Near_LoA	-7,60005753	0,069	0,311
CHR8	9274275	CHR8:9274275	SSF x Near_LoA	-8,49976496	0,093	0,302
CHR8	9278163	CHR8:9278163	SSF x Near_LoA	-10,4192373	-0,082	0,292
CHR8	9278172	CHR8:9278172	SSF x Near_LoA	-4,52397208	-0,017	0,303
CHR8	9278177	CHR8:9278177	SSF x Near_LoA	-12,1225997	0,005	0,312
CHR8	9278196	CHR8:9278196	SSF x Near_LoA	-5,66911179	-0,152	0,306
CHR8	9278200	CHR8:9278200	SSF x Near_LoA	-6,24187783	-0,116	0,300
CHR8	9280351	CHR8:9280351	SSF x Near_LoA	-9,22500918	0,053	0,302
CHR8	9280380	CHR8:9280380	SSF x Near_LoA	-10,6344697	-0,069	0,292
CHR8	9280450	CHR8:9280450	SSF x Near_LoA	-8,87044712	-0,051	0,306
CHR8	9282160	CHR8:9282160	SSF x Near_LoA	-11,2226145	0,070	0,308
CHR8	9282167	CHR8:9282167	SSF x Near_LoA	-7,14671027	0,122	0,312
CHR8	9282177	CHR8:9282177	SSF x Near_LoA	-8,07634473	0,096	0,314
CHR8	9288765	CHR8:9288765	SSF x Near_LoA	-10,6569814	0,028	0,301
CHR8	9288799	CHR8:9288799	SSF x Near_LoA	-9,70998598	-0,003	0,300
CHR8	9288828	CHR8:9288828	SSF x Near_LoA	-7,94988739	-0,054	0,314
CHR8	9288838	CHR8:9288838	SSF x Near_LoA	-9,67068957	0,039	0,311
CHR8	9288857	CHR8:9288857	SSF x Near_LoA	-7,78332826	-0,103	0,328
CHR8	9299721	CHR8:9299721	SSF x Near_LoA	-8,29630965	-0,027	0,305
CHR8	9299736	CHR8:9299736	SSF x Near_LoA	-7,77481368	0,059	0,308
CHR8	9299737	CHR8:9299737	SSF x Near_LoA	-8,95702684	0,050	0,308
CHR8	9299743	CHR8:9299743	SSF x Near_LoA	-10,1587334	0,022	0,304

CHR8	9299752	CHR8:9299752	SSF x Near_LoA	-10,6902008	0,016	0,304
CHR8	9299756	CHR8:9299756	SSF x Near_LoA	-8,50550476	0,034	0,308
CHR8	9299789	CHR8:9299789	SSF x Near_LoA	-9,72000547	0,091	0,305
CHR8	9299835	CHR8:9299835	SSF x Near_LoA	-8,12077426	-0,050	0,303
CHR8	931852	CHR8:931852	SSF x Near_LoA	-7,33549697	0,049	0,321
CHR8	931900	CHR8:931900	SSF x Near_LoA	-10,1089942	-0,014	0,300
CHR8	932000	CHR8:932000	SSF x Near_LoA	-8,64790589	0,077	0,303
CHR8	9320408	CHR8:9320408	SSF x Near_LoA	-7,8975262	0,075	0,308
CHR8	9327720	CHR8:9327720	SSF x Near_LoA	-10,3910069	0,022	0,296
CHR8	9327753	CHR8:9327753	SSF x Near_LoA	-8,99303431	-0,002	0,311
CHR8	9327872	CHR8:9327872	SSF x Near_LoA	-11,7884258	0,002	0,327
CHR8	9330758	CHR8:9330758	SSF x Near_LoA	-9,02268949	0,004	0,300
CHR8	9330762	CHR8:9330762	SSF x Near_LoA	-10,5949097	-0,007	0,319
CHR8	9330826	CHR8:9330826	SSF x Near_LoA	-7,06515624	-0,010	0,302
CHR8	9330877	CHR8:9330877	SSF x Near_LoA	-10,8783142	-0,052	0,319
CHR8	9331580	CHR8:9331580	SSF x Near_LoA	-10,1413417	0,014	0,316
CHR8	9331605	CHR8:9331605	SSF x Near_LoA	-8,78261045	-0,055	0,302
CHR8	9331606	CHR8:9331606	SSF x Near_LoA	-7,87357447	-0,062	0,316
CHR8	9334925	CHR8:9334925	SSF x Near_LoA	-11,3384413	-0,113	0,307
CHR8	9334964	CHR8:9334964	SSF x Near_LoA	-8,73456178	0,001	0,304
CHR8	9334987	CHR8:9334987	SSF x Near_LoA	-10,1143893	-0,043	0,293
CHR8	9335081	CHR8:9335081	SSF x Near_LoA	-6,72915883	0,110	0,310
CHR8	9340341	CHR8:9340341	SSF x Near_LoA	-9,2818198	-0,023	0,309
CHR8	9340368	CHR8:9340368	SSF x Near_LoA	-10,0874973	-0,033	0,322
CHR8	9340469	CHR8:9340469	SSF x Near_LoA	-8,98034027	-0,115	0,301
CHR8	9340500	CHR8:9340500	SSF x Near_LoA	-9,83034625	0,019	0,323
CHR8	9340530	CHR8:9340530	SSF x Near_LoA	-7,17067148	0,138	0,295
CHR8	9341961	CHR8:9341961	SSF x Near_LoA	-11,0998504	0,002	0,309
CHR8	9347254	CHR8:9347254	SSF x Near_LoA	-10,779307	-0,035	0,319
CHR8	9347395	CHR8:9347395	SSF x Near_LoA	-8,89174923	-0,120	0,307
CHR8	9357083	CHR8:9357083	SSF x Near_LoA	-9,0646843	0,145	0,297
CHR8	9364813	CHR8:9364813	SSF x Near_LoA	-9,14043002	-0,018	0,317
CHR8	9364858	CHR8:9364858	SSF x Near_LoA	-9,40750719	-0,042	0,307
CHR8	9364864	CHR8:9364864	SSF x Near_LoA	-9,7881672	-0,077	0,307
CHR8	9364865	CHR8:9364865	SSF x Near_LoA	-9,56827346	-0,077	0,302
CHR8	9370959	CHR8:9370959	SSF x Near_LoA	-11,9883154	-0,026	0,309
CHR8	9389524	CHR8:9389524	SSF x Near_LoA	-11,0352899	-0,068	0,307
CHR8	9389535	CHR8:9389535	SSF x Near_LoA	-9,54687841	-0,087	0,309
CHR8	9389641	CHR8:9389641	SSF x Near_LoA	-10,3788255	0,149	0,296
CHR8	9389646	CHR8:9389646	SSF x Near_LoA	-9,47410382	-0,045	0,302
CHR8	9389650	CHR8:9389650	SSF x Near_LoA	-6,03906554	-0,066	0,300
CHR8	9389671	CHR8:9389671	SSF x Near_LoA	-8,2684521	-0,051	0,303
CHR8	9402558	CHR8:9402558	SSF x Near_LoA	-11,289862	-0,067	0,310
CHR8	9402583	CHR8:9402583	SSF x Near_LoA	-11,0011062	0,072	0,307
CHR8	9402617	CHR8:9402617	SSF x Near_LoA	-6,43157066	0,245	0,293
CHR8	9402621	CHR8:9402621	SSF x Near_LoA	-9,38818895	-0,023	0,306
CHR8	9402627	CHR8:9402627	SSF x Near_LoA	-9,69130772	0,050	0,296
CHR8	9405713	CHR8:9405713	SSF x Near_LoA	-9,50764106	-0,082	0,307
CHR8	9408247	CHR8:9408247	SSF x Near_LoA	-8,62858368	-0,043	0,293
CHR8	9408310	CHR8:9408310	SSF x Near_LoA	-7,04743651	0,094	0,309
CHR8	9408329	CHR8:9408329	SSF x Near_LoA	-7,26613927	-0,068	0,299
CHR8	9408336	CHR8:9408336	SSF x Near_LoA	-11,3984853	-0,018	0,312
CHR8	9408347	CHR8:9408347	SSF x Near_LoA	-5,21680084	-0,041	0,303

CHR8	9413380	CHR8:9413380	SSF x Near_LoA	-10,1625286	0,042	0,288
CHR8	9413427	CHR8:9413427	SSF x Near_LoA	-9,73374923	-0,038	0,308
CHR8	9413513	CHR8:9413513	SSF x Near_LoA	-10,4493236	-0,086	0,304
CHR8	9420003	CHR8:9420003	SSF x Near_LoA	-9,91895133	-0,005	0,310
CHR8	9420042	CHR8:9420042	SSF x Near_LoA	-5,60344688	-0,008	0,309
CHR8	9420045	CHR8:9420045	SSF x Near_LoA	-10,0319162	-0,117	0,306
CHR8	9420138	CHR8:9420138	SSF x Near_LoA	-8,16996312	0,002	0,306
CHR8	9420144	CHR8:9420144	SSF x Near_LoA	-9,87597127	0,011	0,309
CHR8	9420149	CHR8:9420149	SSF x Near_LoA	-9,66360798	0,011	0,302
CHR8	9420199	CHR8:9420199	SSF x Near_LoA	-7,13269212	-0,161	0,302
CHR8	9420205	CHR8:9420205	SSF x Near_LoA	-8,65412905	-0,103	0,312
CHR8	9420207	CHR8:9420207	SSF x Near_LoA	-9,41674566	-0,026	0,317
CHR8	9420270	CHR8:9420270	SSF x Near_LoA	-7,61608339	-0,085	0,304
CHR8	9420273	CHR8:9420273	SSF x Near_LoA	-9,94210952	0,056	0,298
CHR8	9420281	CHR8:9420281	SSF x Near_LoA	-8,81559553	0,077	0,303
CHR8	9423236	CHR8:9423236	SSF x Near_LoA	-10,7193918	-0,052	0,309
CHR8	9423237	CHR8:9423237	SSF x Near_LoA	-10,0335055	-0,079	0,313
CHR8	9423243	CHR8:9423243	SSF x Near_LoA	-10,5176618	0,106	0,289
CHR8	9423378	CHR8:9423378	SSF x Near_LoA	-8,36829752	-0,130	0,305
CHR8	9423392	CHR8:9423392	SSF x Near_LoA	-8,61615217	-0,120	0,302
CHR8	9430827	CHR8:9430827	SSF x Near_LoA	-6,92591035	-0,140	0,300
CHR8	9430828	CHR8:9430828	SSF x Near_LoA	-5,29366792	-0,186	0,289
CHR8	9430885	CHR8:9430885	SSF x Near_LoA	-8,86695619	-0,023	0,305
CHR8	9430940	CHR8:9430940	SSF x Near_LoA	-10,3641054	0,010	0,307
CHR8	9430968	CHR8:9430968	SSF x Near_LoA	-10,2506577	0,060	0,316
CHR8	9431016	CHR8:9431016	SSF x Near_LoA	-11,4787591	0,046	0,307
CHR8	9431023	CHR8:9431023	SSF x Near_LoA	-8,77848754	-0,004	0,310
CHR8	9433207	CHR8:9433207	SSF x Near_LoA	-7,4163076	0,101	0,308
CHR8	9433524	CHR8:9433524	SSF x Near_LoA	-10,1297062	0,111	0,299
CHR8	943825	CHR8:943825	SSF x Near_LoA	-8,62129677	0,105	0,315
CHR8	943833	CHR8:943833	SSF x Near_LoA	-8,26289903	0,159	0,296
CHR8	943835	CHR8:943835	SSF x Near_LoA	-10,5740627	-0,050	0,319
CHR8	943935	CHR8:943935	SSF x Near_LoA	-9,72844922	0,124	0,296
CHR8	9439628	CHR8:9439628	SSF x Near_LoA	-9,93060259	-0,055	0,300
CHR8	9439635	CHR8:9439635	SSF x Near_LoA	-9,70685821	-0,073	0,308
CHR8	944003	CHR8:944003	SSF x Near_LoA	-11,5473737	-0,007	0,312
CHR8	944069	CHR8:944069	SSF x Near_LoA	-10,8442757	0,022	0,303
CHR8	9449773	CHR8:9449773	SSF x Near_LoA	-10,2125573	-0,044	0,317
CHR8	9449779	CHR8:9449779	SSF x Near_LoA	-8,42974182	0,073	0,310
CHR8	9454402	CHR8:9454402	SSF x Near_LoA	-3,25130541	0,103	0,308
CHR8	9454404	CHR8:9454404	SSF x Near_LoA	-9,65427535	0,087	0,316
CHR8	9454418	CHR8:9454418	SSF x Near_LoA	-6,79909914	-0,129	0,311
CHR8	9454435	CHR8:9454435	SSF x Near_LoA	-9,21431131	-0,082	0,289
CHR8	9454461	CHR8:9454461	SSF x Near_LoA	-10,2717855	0,019	0,314
CHR8	9454548	CHR8:9454548	SSF x Near_LoA	-8,66530481	-0,158	0,297
CHR8	9466637	CHR8:9466637	SSF x Near_LoA	-7,33271339	0,054	0,308
CHR8	9466690	CHR8:9466690	SSF x Near_LoA	-9,68023041	-0,007	0,312
CHR8	9466737	CHR8:9466737	SSF x Near_LoA	-8,98364954	-0,096	0,301
CHR8	9477048	CHR8:9477048	SSF x Near_LoA	-8,35340733	-0,064	0,305
CHR8	9477051	CHR8:9477051	SSF x Near_LoA	-6,98266519	-0,058	0,304
CHR8	9477982	CHR8:9477982	SSF x Near_LoA	-10,9506039	0,062	0,296
CHR8	9483245	CHR8:9483245	SSF x Near_LoA	-8,80426574	0,072	0,303
CHR8	9485638	CHR8:9485638	SSF x Near_LoA	-8,20377934	0,027	0,306

CHR8	9485641	CHR8:9485641	SSF x Near_LoA	-8,72794281	-0,042	0,315
CHR8	9485642	CHR8:9485642	SSF x Near_LoA	-10,2866909	-0,075	0,313
CHR8	948995	CHR8:948995	SSF x Near_LoA	-9,79743617	-0,035	0,296
CHR8	948996	CHR8:948996	SSF x Near_LoA	-8,16167722	-0,070	0,301
CHR8	9495250	CHR8:9495250	SSF x Near_LoA	-9,46416783	-0,035	0,303
CHR8	9495257	CHR8:9495257	SSF x Near_LoA	-10,2535053	-0,059	0,298
CHR8	9495575	CHR8:9495575	SSF x Near_LoA	-6,37897618	0,062	0,325
CHR8	9495579	CHR8:9495579	SSF x Near_LoA	-9,35268067	-0,050	0,309
CHR8	9495650	CHR8:9495650	SSF x Near_LoA	-7,69131754	0,037	0,308
CHR8	9495664	CHR8:9495664	SSF x Near_LoA	-7,37082171	-0,073	0,307
CHR8	9501062	CHR8:9501062	SSF x Near_LoA	-9,98457768	0,024	0,313
CHR8	9501111	CHR8:9501111	SSF x Near_LoA	-8,38075216	0,065	0,300
CHR8	9501320	CHR8:9501320	SSF x Near_LoA	-11,950722	-0,015	0,310
CHR8	9501330	CHR8:9501330	SSF x Near_LoA	-11,5086843	0,008	0,323
CHR8	9512317	CHR8:9512317	SSF x Near_LoA	-7,33183396	-0,049	0,316
CHR8	9512345	CHR8:9512345	SSF x Near_LoA	-8,18440093	-0,060	0,318
CHR8	9512375	CHR8:9512375	SSF x Near_LoA	-7,60648648	0,087	0,306
CHR8	9529893	CHR8:9529893	SSF x Near_LoA	-11,8251939	-0,052	0,309
CHR8	9535746	CHR8:9535746	SSF x Near_LoA	-9,29863937	-0,119	0,294
CHR8	9535813	CHR8:9535813	SSF x Near_LoA	-7,89100125	0,020	0,311
CHR8	9551176	CHR8:9551176	SSF x Near_LoA	-9,69701035	0,168	0,292
CHR8	9551213	CHR8:9551213	SSF x Near_LoA	-9,76106132	0,070	0,305
CHR8	9551277	CHR8:9551277	SSF x Near_LoA	-10,3087312	-0,042	0,296
CHR8	9551293	CHR8:9551293	SSF x Near_LoA	-4,34495576	0,026	0,311
CHR8	9551440	CHR8:9551440	SSF x Near_LoA	-10,7786592	-0,011	0,307
CHR8	9553614	CHR8:9553614	SSF x Near_LoA	-10,5221965	-0,006	0,313
CHR8	9553696	CHR8:9553696	SSF x Near_LoA	-7,95473825	0,050	0,302
CHR8	9553805	CHR8:9553805	SSF x Near_LoA	-10,7823771	-0,026	0,316
CHR8	9564473	CHR8:9564473	SSF x Near_LoA	-10,8323969	0,083	0,297
CHR8	9564484	CHR8:9564484	SSF x Near_LoA	-8,00843962	0,100	0,311
CHR8	9564517	CHR8:9564517	SSF x Near_LoA	-11,4212269	-0,059	0,303
CHR8	9564557	CHR8:9564557	SSF x Near_LoA	-8,60779419	0,023	0,293
CHR8	9564601	CHR8:9564601	SSF x Near_LoA	-10,3009312	0,005	0,315
CHR8	9564609	CHR8:9564609	SSF x Near_LoA	-9,65984395	-0,053	0,312
CHR8	9564662	CHR8:9564662	SSF x Near_LoA	-12,3570091	-0,056	0,294
CHR8	9572582	CHR8:9572582	SSF x Near_LoA	-7,37550847	0,057	0,303
CHR8	9572617	CHR8:9572617	SSF x Near_LoA	-9,52350098	0,085	0,307
CHR8	9572710	CHR8:9572710	SSF x Near_LoA	-7,35089458	0,109	0,314
CHR8	9576389	CHR8:9576389	SSF x Near_LoA	-9,3242389	-0,082	0,300
CHR8	9594415	CHR8:9594415	SSF x Near_LoA	-9,03334624	-0,079	0,308
CHR8	9629701	CHR8:9629701	SSF x Near_LoA	-8,7062167	0,055	0,300
CHR8	9631149	CHR8:9631149	SSF x Near_LoA	-11,5898236	0,082	0,294
CHR8	9633447	CHR8:9633447	SSF x Near_LoA	-8,99780179	0,045	0,300
CHR8	9633485	CHR8:9633485	SSF x Near_LoA	-11,5366463	0,049	0,300
CHR8	9634142	CHR8:9634142	SSF x Near_LoA	-8,98488186	-0,050	0,303
CHR8	9634152	CHR8:9634152	SSF x Near_LoA	-7,37790311	-0,054	0,309
CHR8	964013	CHR8:964013	SSF x Near_LoA	-7,3118269	0,105	0,308
CHR8	964091	CHR8:964091	SSF x Near_LoA	-8,93852873	0,046	0,306
CHR8	9646213	CHR8:9646213	SSF x Near_LoA	-8,82990882	0,045	0,321
CHR8	9646222	CHR8:9646222	SSF x Near_LoA	-7,68448414	0,027	0,319
CHR8	9646223	CHR8:9646223	SSF x Near_LoA	-10,1312105	0,035	0,293
CHR8	9647580	CHR8:9647580	SSF x Near_LoA	-9,1504342	-0,016	0,309
CHR8	9647604	CHR8:9647604	SSF x Near_LoA	-10,8440239	0,025	0,299

CHR8	9647628	CHR8:9647628	SSF x Near_LoA	-10,2242849	0,045	0,298
CHR8	9647653	CHR8:9647653	SSF x Near_LoA	-11,5722475	-0,059	0,304
CHR8	9655143	CHR8:9655143	SSF x Near_LoA	-9,05631284	-0,048	0,314
CHR8	9655146	CHR8:9655146	SSF x Near_LoA	-9,10995639	-0,035	0,309
CHR8	9655204	CHR8:9655204	SSF x Near_LoA	-9,08737509	0,141	0,295
CHR8	9655288	CHR8:9655288	SSF x Near_LoA	-10,35758	-0,055	0,312
CHR8	9655376	CHR8:9655376	SSF x Near_LoA	-10,7696709	-0,110	0,302
CHR8	9658332	CHR8:9658332	SSF x Near_LoA	-9,02738359	0,131	0,299
CHR8	965940	CHR8:965940	SSF x Near_LoA	-8,83775958	0,033	0,317
CHR8	9665083	CHR8:9665083	SSF x Near_LoA	-11,524336	-0,032	0,297
CHR8	9665155	CHR8:9665155	SSF x Near_LoA	-9,40580621	0,063	0,305
CHR8	9665279	CHR8:9665279	SSF x Near_LoA	-9,31220156	0,034	0,300
CHR8	9670426	CHR8:9670426	SSF x Near_LoA	-7,82189362	-0,107	0,310
CHR8	9670462	CHR8:9670462	SSF x Near_LoA	-9,59250556	0,068	0,299
CHR8	9670510	CHR8:9670510	SSF x Near_LoA	-8,22307256	-0,025	0,311
CHR8	9670554	CHR8:9670554	SSF x Near_LoA	-8,87485332	0,102	0,305
CHR8	9680914	CHR8:9680914	SSF x Near_LoA	-11,2439353	0,019	0,320
CHR8	9680919	CHR8:9680919	SSF x Near_LoA	-10,7367804	0,015	0,317
CHR8	968483	CHR8:968483	SSF x Near_LoA	-11,1163853	0,085	0,311
CHR8	968507	CHR8:968507	SSF x Near_LoA	-10,2824452	0,079	0,309
CHR8	9695809	CHR8:9695809	SSF x Near_LoA	-10,7465651	-0,007	0,310
CHR8	9695819	CHR8:9695819	SSF x Near_LoA	-8,53452074	-0,066	0,288
CHR8	9695838	CHR8:9695838	SSF x Near_LoA	-9,25895129	0,022	0,295
CHR8	9695893	CHR8:9695893	SSF x Near_LoA	-10,2860572	-0,004	0,308
CHR8	9699330	CHR8:9699330	SSF x Near_LoA	-11,7896031	0,015	0,301
CHR8	9699389	CHR8:9699389	SSF x Near_LoA	-8,70072991	0,003	0,323
CHR8	9699444	CHR8:9699444	SSF x Near_LoA	-8,51644042	0,062	0,303
CHR8	9699525	CHR8:9699525	SSF x Near_LoA	-10,9074939	0,065	0,304
CHR8	9713437	CHR8:9713437	SSF x Near_LoA	-8,9013516	-0,012	0,304
CHR8	9715618	CHR8:9715618	SSF x Near_LoA	-5,87101406	-0,225	0,296
CHR8	9719846	CHR8:9719846	SSF x Near_LoA	-8,24239607	-0,090	0,311
CHR8	9719906	CHR8:9719906	SSF x Near_LoA	-10,5132969	-0,077	0,321
CHR8	9719954	CHR8:9719954	SSF x Near_LoA	-9,14516428	-0,042	0,317
CHR8	9719978	CHR8:9719978	SSF x Near_LoA	-8,31749367	0,069	0,291
CHR8	972165	CHR8:972165	SSF x Near_LoA	-10,1596017	-0,134	0,301
CHR8	9730996	CHR8:9730996	SSF x Near_LoA	-9,95085487	0,052	0,304
CHR8	9731303	CHR8:9731303	SSF x Near_LoA	-3,1915874	-0,258	0,293
CHR8	9734617	CHR8:9734617	SSF x Near_LoA	-9,33618609	-0,012	0,322
CHR8	9739770	CHR8:9739770	SSF x Near_LoA	-8,73885903	0,059	0,293
CHR8	9742219	CHR8:9742219	SSF x Near_LoA	-10,3311179	-0,029	0,299
CHR8	9780387	CHR8:9780387	SSF x Near_LoA	-10,2813717	-0,052	0,309
CHR8	9780503	CHR8:9780503	SSF x Near_LoA	-10,8335948	0,042	0,318
CHR8	9780527	CHR8:9780527	SSF x Near_LoA	-8,92748658	0,005	0,294
CHR8	9786579	CHR8:9786579	SSF x Near_LoA	-10,224454	-0,029	0,326
CHR8	9786635	CHR8:9786635	SSF x Near_LoA	-6,82456952	0,155	0,296
CHR8	9786726	CHR8:9786726	SSF x Near_LoA	-9,89088847	-0,045	0,315
CHR8	9792484	CHR8:9792484	SSF x Near_LoA	-2,73322809	-0,001	0,321
CHR8	9792526	CHR8:9792526	SSF x Near_LoA	-10,210678	0,124	0,312
CHR8	9792711	CHR8:9792711	SSF x Near_LoA	-11,0982204	0,015	0,295
CHR8	9796019	CHR8:9796019	SSF x Near_LoA	-5,76015378	-0,036	0,315
CHR8	9796129	CHR8:9796129	SSF x Near_LoA	-8,45043647	-0,080	0,310
CHR8	9796137	CHR8:9796137	SSF x Near_LoA	-9,26314175	-0,010	0,306
CHR8	9796167	CHR8:9796167	SSF x Near_LoA	-8,26173585	-0,056	0,317

CHR8	9796215	CHR8:9796215	SSF x Near_LoA	-11,1790794	-0,023	0,307
CHR8	9798537	CHR8:9798537	SSF x Near_LoA	-9,20032349	-0,017	0,302
CHR8	9798594	CHR8:9798594	SSF x Near_LoA	-6,14952481	0,025	0,306
CHR8	9798679	CHR8:9798679	SSF x Near_LoA	-8,66850375	0,009	0,313
CHR8	981167	CHR8:981167	SSF x Near_LoA	-7,83823788	-0,096	0,308
CHR8	981326	CHR8:981326	SSF x Near_LoA	-7,51784485	0,055	0,319
CHR8	9821670	CHR8:9821670	SSF x Near_LoA	-4,35745646	0,019	0,313
CHR8	9821722	CHR8:9821722	SSF x Near_LoA	-3,81015255	-0,002	0,315
CHR8	9821743	CHR8:9821743	SSF x Near_LoA	-9,73702161	0,041	0,305
CHR8	9821765	CHR8:9821765	SSF x Near_LoA	-7,13473676	0,011	0,309
CHR8	9824381	CHR8:9824381	SSF x Near_LoA	-7,45297488	0,040	0,314
CHR8	9824382	CHR8:9824382	SSF x Near_LoA	-9,41235338	-0,025	0,303
CHR8	9824439	CHR8:9824439	SSF x Near_LoA	-10,3677212	0,033	0,318
CHR8	9824446	CHR8:9824446	SSF x Near_LoA	-10,7000607	-0,004	0,297
CHR8	9824609	CHR8:9824609	SSF x Near_LoA	-9,97751823	0,013	0,322
CHR8	983148	CHR8:983148	SSF x Near_LoA	-10,3500363	-0,034	0,326
CHR8	9835949	CHR8:9835949	SSF x Near_LoA	-10,5863418	0,069	0,308
CHR8	9835959	CHR8:9835959	SSF x Near_LoA	-9,6616365	0,023	0,323
CHR8	9835969	CHR8:9835969	SSF x Near_LoA	-10,3813198	0,061	0,306
CHR8	9835975	CHR8:9835975	SSF x Near_LoA	-11,329514	-0,032	0,295
CHR8	9835980	CHR8:9835980	SSF x Near_LoA	-8,51066518	0,074	0,322
CHR8	9835992	CHR8:9835992	SSF x Near_LoA	-9,6171292	0,060	0,307
CHR8	9836013	CHR8:9836013	SSF x Near_LoA	-8,15025709	-0,096	0,295
CHR8	9836072	CHR8:9836072	SSF x Near_LoA	-11,1032409	-0,029	0,318
CHR8	9836131	CHR8:9836131	SSF x Near_LoA	-10,9672451	0,018	0,305
CHR8	9836134	CHR8:9836134	SSF x Near_LoA	-10,8566457	0,027	0,310
CHR8	9836135	CHR8:9836135	SSF x Near_LoA	-8,66716056	0,046	0,311
CHR8	9836139	CHR8:9836139	SSF x Near_LoA	-11,1852766	-0,091	0,315
CHR8	9836198	CHR8:9836198	SSF x Near_LoA	-11,9557563	-0,026	0,302
CHR8	9845361	CHR8:9845361	SSF x Near_LoA	-9,32950155	0,004	0,311
CHR8	9845399	CHR8:9845399	SSF x Near_LoA	-9,34572895	0,003	0,308
CHR8	9845445	CHR8:9845445	SSF x Near_LoA	-10,422972	-0,022	0,305
CHR8	9847511	CHR8:9847511	SSF x Near_LoA	-7,78800366	0,100	0,305
CHR8	9847519	CHR8:9847519	SSF x Near_LoA	-8,49964806	0,135	0,302
CHR8	9850054	CHR8:9850054	SSF x Near_LoA	-11,1518672	-0,011	0,305
CHR8	9850208	CHR8:9850208	SSF x Near_LoA	-11,0941882	-0,025	0,312
CHR8	9850213	CHR8:9850213	SSF x Near_LoA	-10,3345478	-0,107	0,310
CHR8	9850235	CHR8:9850235	SSF x Near_LoA	-8,063133	0,063	0,314
CHR8	9850240	CHR8:9850240	SSF x Near_LoA	-9,07190872	0,081	0,311
CHR8	9850249	CHR8:9850249	SSF x Near_LoA	-6,83943328	0,120	0,311
CHR8	9855321	CHR8:9855321	SSF x Near_LoA	-8,48825455	0,005	0,302
CHR8	9855351	CHR8:9855351	SSF x Near_LoA	-9,99641971	0,068	0,292
CHR8	9855353	CHR8:9855353	SSF x Near_LoA	-8,84477935	0,072	0,286
CHR8	9855357	CHR8:9855357	SSF x Near_LoA	-10,8560256	0,049	0,286
CHR8	9855358	CHR8:9855358	SSF x Near_LoA	-10,1831917	-0,005	0,315
CHR8	9855361	CHR8:9855361	SSF x Near_LoA	-8,42459427	0,067	0,282
CHR8	9855365	CHR8:9855365	SSF x Near_LoA	-10,6647095	-0,034	0,305
CHR8	9855370	CHR8:9855370	SSF x Near_LoA	-9,52159722	0,078	0,322
CHR8	9855371	CHR8:9855371	SSF x Near_LoA	-9,53469967	0,063	0,286
CHR8	9855379	CHR8:9855379	SSF x Near_LoA	-10,7760999	-0,006	0,312
CHR8	9855391	CHR8:9855391	SSF x Near_LoA	-7,73824976	0,053	0,320
CHR8	9855474	CHR8:9855474	SSF x Near_LoA	-10,4053689	-0,039	0,312
CHR8	9855499	CHR8:9855499	SSF x Near_LoA	-10,0997707	-0,017	0,309

CHR8	9855502	CHR8:9855502	SSF x Near_LoA	-9,39756783	0,003	0,281
CHR8	9855527	CHR8:9855527	SSF x Near_LoA	-7,36951972	0,039	0,294
CHR8	9855549	CHR8:9855549	SSF x Near_LoA	-7,78989381	-0,170	0,307
CHR8	9857764	CHR8:9857764	SSF x Near_LoA	-7,77472799	-0,091	0,318
CHR8	9857842	CHR8:9857842	SSF x Near_LoA	-9,37577048	-0,011	0,299
CHR8	986046	CHR8:986046	SSF x Near_LoA	-10,5741583	-0,124	0,304
CHR8	986047	CHR8:986047	SSF x Near_LoA	-4,96388694	0,128	0,294
CHR8	986079	CHR8:986079	SSF x Near_LoA	-6,02233324	0,106	0,325
CHR8	986138	CHR8:986138	SSF x Near_LoA	-10,7943661	0,042	0,314
CHR8	986153	CHR8:986153	SSF x Near_LoA	-3,66092773	0,164	0,288
CHR8	986165	CHR8:986165	SSF x Near_LoA	-7,49401601	-0,046	0,316
CHR8	986222	CHR8:986222	SSF x Near_LoA	-8,01561199	-0,087	0,319
CHR8	9884914	CHR8:9884914	SSF x Near_LoA	-8,42457556	-0,034	0,302
CHR8	9886664	CHR8:9886664	SSF x Near_LoA	-8,06277693	-0,079	0,311
CHR8	9886677	CHR8:9886677	SSF x Near_LoA	-5,86511211	-0,028	0,318
CHR8	9886708	CHR8:9886708	SSF x Near_LoA	-7,0757467	-0,068	0,306
CHR8	9886725	CHR8:9886725	SSF x Near_LoA	-7,87324036	-0,075	0,311
CHR8	9886729	CHR8:9886729	SSF x Near_LoA	-7,89622397	-0,086	0,306
CHR8	9886741	CHR8:9886741	SSF x Near_LoA	-8,29086852	-0,088	0,315
CHR8	9886756	CHR8:9886756	SSF x Near_LoA	-8,04800328	-0,097	0,315
CHR8	9886783	CHR8:9886783	SSF x Near_LoA	-4,64478533	-0,101	0,318
CHR8	9890478	CHR8:9890478	SSF x Near_LoA	-9,11840713	-0,059	0,301
CHR8	9890608	CHR8:9890608	SSF x Near_LoA	-9,18509465	-0,027	0,309
CHR8	9894641	CHR8:9894641	SSF x Near_LoA	-7,76429983	-0,133	0,322
CHR8	9894664	CHR8:9894664	SSF x Near_LoA	-7,72437115	-0,112	0,302
CHR8	9894697	CHR8:9894697	SSF x Near_LoA	-8,24774485	-0,039	0,300
CHR8	9894708	CHR8:9894708	SSF x Near_LoA	-10,2386096	0,019	0,318
CHR8	9894716	CHR8:9894716	SSF x Near_LoA	-8,64461168	-0,058	0,305
CHR8	989710	CHR8:989710	SSF x Near_LoA	-8,62383991	0,004	0,320
CHR8	9904878	CHR8:9904878	SSF x Near_LoA	-10,0307406	-0,009	0,293
CHR8	9904901	CHR8:9904901	SSF x Near_LoA	-11,3021936	-0,101	0,295
CHR8	9904908	CHR8:9904908	SSF x Near_LoA	-8,79818047	-0,063	0,304
CHR8	9904913	CHR8:9904913	SSF x Near_LoA	-8,54691699	-0,024	0,303
CHR8	9904935	CHR8:9904935	SSF x Near_LoA	-9,46300927	-0,021	0,322
CHR8	9904940	CHR8:9904940	SSF x Near_LoA	-10,0246541	0,079	0,305
CHR8	9904949	CHR8:9904949	SSF x Near_LoA	-9,25249919	0,003	0,300
CHR8	9904973	CHR8:9904973	SSF x Near_LoA	-12,5025189	-0,039	0,287
CHR8	9904981	CHR8:9904981	SSF x Near_LoA	-8,42435306	-0,118	0,299
CHR8	9905011	CHR8:9905011	SSF x Near_LoA	-10,3689577	0,057	0,306
CHR8	9905012	CHR8:9905012	SSF x Near_LoA	-7,77123297	0,105	0,299
CHR8	9905954	CHR8:9905954	SSF x Near_LoA	-8,74467103	-0,047	0,316
CHR8	9923620	CHR8:9923620	SSF x Near_LoA	-7,28707499	-0,048	0,319
CHR8	9923645	CHR8:9923645	SSF x Near_LoA	-10,6751006	-0,066	0,310
CHR8	9931389	CHR8:9931389	SSF x Near_LoA	-9,3083078	-0,032	0,314
CHR8	9932374	CHR8:9932374	SSF x Near_LoA	-10,489679	-0,023	0,296
CHR8	9932432	CHR8:9932432	SSF x Near_LoA	-8,85617489	-0,041	0,305
CHR8	9932435	CHR8:9932435	SSF x Near_LoA	-8,19773713	-0,009	0,320
CHR8	9932436	CHR8:9932436	SSF x Near_LoA	-8,61763424	-0,017	0,313
CHR8	9932492	CHR8:9932492	SSF x Near_LoA	-8,32957606	-0,048	0,312
CHR8	9932530	CHR8:9932530	SSF x Near_LoA	-8,98501711	-0,123	0,315
CHR8	9932531	CHR8:9932531	SSF x Near_LoA	-6,19348664	-0,145	0,302
CHR8	9941052	CHR8:9941052	SSF x Near_LoA	-10,849584	-0,032	0,313
CHR8	9941059	CHR8:9941059	SSF x Near_LoA	-4,56614507	0,167	0,306

CHR8	9941065	CHR8:9941065	SSF x Near_LoA	-8,91544619	0,153	0,302
CHR8	9941068	CHR8:9941068	SSF x Near_LoA	-9,92696125	-0,026	0,312
CHR8	9941117	CHR8:9941117	SSF x Near_LoA	-10,5535062	0,005	0,309
CHR8	9953352	CHR8:9953352	SSF x Near_LoA	-9,00733979	-0,024	0,311
CHR8	9953378	CHR8:9953378	SSF x Near_LoA	-9,20316654	-0,082	0,312
CHR8	9956562	CHR8:9956562	SSF x Near_LoA	-11,3231723	-0,041	0,295
CHR8	9956579	CHR8:9956579	SSF x Near_LoA	-7,66696684	0,024	0,312
CHR8	9963426	CHR8:9963426	SSF x Near_LoA	-10,2719354	-0,127	0,301
CHR8	9963646	CHR8:9963646	SSF x Near_LoA	-5,1707635	0,258	0,293
CHR8	9963717	CHR8:9963717	SSF x Near_LoA	-9,05054769	-0,046	0,300
CHR8	9963807	CHR8:9963807	SSF x Near_LoA	-8,38903732	-0,084	0,305
CHR8	9967066	CHR8:9967066	SSF x Near_LoA	-8,85183453	-0,199	0,282
CHR8	9967068	CHR8:9967068	SSF x Near_LoA	-11,0234305	0,066	0,306
CHR8	9967098	CHR8:9967098	SSF x Near_LoA	-7,77808277	0,073	0,329
CHR8	9967147	CHR8:9967147	SSF x Near_LoA	-9,86098503	-0,059	0,300
CHR8	9967192	CHR8:9967192	SSF x Near_LoA	-4,8012613	-0,114	0,305
CHR8	9967276	CHR8:9967276	SSF x Near_LoA	-7,66955909	-0,196	0,296
CHR8	9967277	CHR8:9967277	SSF x Near_LoA	-11,2028514	-0,081	0,308
CHR8	9968383	CHR8:9968383	SSF x Near_LoA	-9,45636034	-0,082	0,294
CHR8	9968394	CHR8:9968394	SSF x Near_LoA	-11,7243907	-0,022	0,308
CHR8	9968437	CHR8:9968437	SSF x Near_LoA	-8,66513852	0,015	0,313
CHR8	9968454	CHR8:9968454	SSF x Near_LoA	-8,57213018	-0,049	0,326
CHR8	9973481	CHR8:9973481	SSF x Near_LoA	-9,86954861	-0,046	0,312
CHR8	9984375	CHR8:9984375	SSF x Near_LoA	-7,67868268	0,066	0,314
CHR8	9984386	CHR8:9984386	SSF x Near_LoA	-9,08795253	0,026	0,302
CHR8	9984399	CHR8:9984399	SSF x Near_LoA	-10,1673437	-0,036	0,328
CHR8	9984402	CHR8:9984402	SSF x Near_LoA	-7,91746543	-0,102	0,289
CHR8	9984407	CHR8:9984407	SSF x Near_LoA	-9,89735741	0,020	0,322
CHR8	9984428	CHR8:9984428	SSF x Near_LoA	-11,3710328	-0,022	0,306
CHR8	9984455	CHR8:9984455	SSF x Near_LoA	-6,10200321	0,108	0,317
CHR8	9984477	CHR8:9984477	SSF x Near_LoA	-7,56697735	0,089	0,313
CHR8	9984964	CHR8:9984964	SSF x Near_LoA	-6,46686126	-0,170	0,308
CHR8	9987279	CHR8:9987279	SSF x Near_LoA	-8,48393508	0,103	0,306
CHR8	9987305	CHR8:9987305	SSF x Near_LoA	-1,6221595	0,151	0,308
CHR8	9987323	CHR8:9987323	SSF x Near_LoA	-10,3791248	-0,053	0,319
CHR8	9994240	CHR8:9994240	SSF x Near_LoA	-9,15782564	-0,024	0,302
CHR8	9994269	CHR8:9994269	SSF x Near_LoA	-8,1896604	0,142	0,296
CHR8	9994327	CHR8:9994327	SSF x Near_LoA	-8,17461614	0,001	0,327
CHR8	9994349	CHR8:9994349	SSF x Near_LoA	-3,43139327	-0,053	0,316
CHR8	9994385	CHR8:9994385	SSF x Near_LoA	-8,30506271	-0,059	0,310
CHR8	9994395	CHR8:9994395	SSF x Near_LoA	-10,6029434	0,050	0,315
CHR8	9994409	CHR8:9994409	SSF x Near_LoA	-11,1814446	0,022	0,314
CHR8	9994420	CHR8:9994420	SSF x Near_LoA	-11,5666778	0,052	0,311
CHR8	9994437	CHR8:9994437	SSF x Near_LoA	-11,2155242	0,039	0,311
CHR8	9999701	CHR8:9999701	SSF x Near_LoA	-10,5928455	-0,026	0,323
CHR8	9999716	CHR8:9999716	SSF x Near_LoA	-11,5489391	0,010	0,313
CHR9	1E+07	CHR9:10001737	SSF x Near_LoA	-8,85366411	-0,021	0,324
CHR9	1E+07	CHR9:10001778	SSF x Near_LoA	-10,1166168	0,012	0,309
CHR9	1E+07	CHR9:10010160	SSF x Near_LoA	-9,23977312	0,141	0,304
CHR9	1E+07	CHR9:10010204	SSF x Near_LoA	-9,27840881	-0,090	0,315
CHR9	1E+07	CHR9:10030483	SSF x Near_LoA	-10,862393	-0,146	0,301
CHR9	1E+07	CHR9:10035946	SSF x Near_LoA	-11,4721911	-0,042	0,307
CHR9	1E+07	CHR9:10035949	SSF x Near_LoA	-1,66777717	-0,096	0,306

CHR9	1E+07	CHR9:10035969	SSF x Near_LoA	-6,65839865	0,006	0,304
CHR9	1E+07	CHR9:10035994	SSF x Near_LoA	-9,85441245	-0,086	0,306
CHR9	1E+07	CHR9:10035995	SSF x Near_LoA	-9,9955398	-0,070	0,310
CHR9	1E+07	CHR9:10035998	SSF x Near_LoA	-8,08983431	-0,152	0,302
CHR9	1E+07	CHR9:10036015	SSF x Near_LoA	-8,70212547	0,026	0,307
CHR9	1E+07	CHR9:10036042	SSF x Near_LoA	-7,57051231	0,142	0,302
CHR9	1E+07	CHR9:10036142	SSF x Near_LoA	-8,92675409	0,039	0,316
CHR9	1E+07	CHR9:10036210	SSF x Near_LoA	-7,54948516	-0,069	0,313
CHR9	1E+07	CHR9:10037799	SSF x Near_LoA	-8,32793895	-0,012	0,317
CHR9	1E+07	CHR9:10037865	SSF x Near_LoA	-10,4356165	0,049	0,305
CHR9	1E+07	CHR9:10037889	SSF x Near_LoA	-9,65198074	0,029	0,300
CHR9	1E+07	CHR9:10037895	SSF x Near_LoA	-3,85389051	-0,025	0,309
CHR9	1004163	CHR9:1004163	SSF x Near_LoA	-9,26948737	0,087	0,307
CHR9	1004329	CHR9:1004329	SSF x Near_LoA	-3,21002745	-0,169	0,298
CHR9	1004396	CHR9:1004396	SSF x Near_LoA	-9,28675216	-0,094	0,297
CHR9	1E+07	CHR9:10044636	SSF x Near_LoA	-10,7581952	0,060	0,318
CHR9	1E+07	CHR9:10045636	SSF x Near_LoA	-9,7947609	-0,070	0,312
CHR9	1E+07	CHR9:10045648	SSF x Near_LoA	-9,83964058	-0,036	0,310
CHR9	1E+07	CHR9:10056908	SSF x Near_LoA	-9,74389314	0,018	0,292
CHR9	1E+07	CHR9:10056989	SSF x Near_LoA	-10,1883584	-0,022	0,307
CHR9	1E+07	CHR9:10068550	SSF x Near_LoA	-9,04575383	-0,031	0,308
CHR9	1E+07	CHR9:10068630	SSF x Near_LoA	-10,2343446	0,002	0,302
CHR9	1007289	CHR9:1007289	SSF x Near_LoA	-7,39546258	0,082	0,320
CHR9	1E+07	CHR9:10079952	SSF x Near_LoA	-9,0492426	-0,031	0,300
CHR9	1E+07	CHR9:10080362	SSF x Near_LoA	-10,0856987	0,068	0,300
CHR9	1009417	CHR9:1009417	SSF x Near_LoA	-8,66073013	0,052	0,309
CHR9	1009464	CHR9:1009464	SSF x Near_LoA	-10,3595971	0,158	0,286
CHR9	1009474	CHR9:1009474	SSF x Near_LoA	-9,25931305	-0,003	0,293
CHR9	1009513	CHR9:1009513	SSF x Near_LoA	-9,29463308	0,009	0,311
CHR9	1E+07	CHR9:10095627	SSF x Near_LoA	-8,14775548	0,027	0,312
CHR9	1E+07	CHR9:10095658	SSF x Near_LoA	-10,0082019	0,097	0,306
CHR9	1E+07	CHR9:10095661	SSF x Near_LoA	-6,74374072	-0,006	0,307
CHR9	1E+07	CHR9:10095672	SSF x Near_LoA	-8,79359515	0,072	0,303
CHR9	1E+07	CHR9:10095702	SSF x Near_LoA	-9,89137635	-0,079	0,299
CHR9	1E+07	CHR9:10095707	SSF x Near_LoA	-9,89186122	0,002	0,319
CHR9	1E+07	CHR9:10095713	SSF x Near_LoA	-10,112453	-0,066	0,317
CHR9	1E+07	CHR9:10097845	SSF x Near_LoA	-9,99507029	0,091	0,300
CHR9	1E+07	CHR9:10110613	SSF x Near_LoA	-8,55021577	0,098	0,303
CHR9	1E+07	CHR9:10110949	SSF x Near_LoA	-8,92757736	0,043	0,309
CHR9	1E+07	CHR9:10110987	SSF x Near_LoA	-9,11597008	0,054	0,301
CHR9	1E+07	CHR9:10115587	SSF x Near_LoA	-10,7657881	0,068	0,306
CHR9	1E+07	CHR9:10116730	SSF x Near_LoA	-6,87145656	0,026	0,303
CHR9	1E+07	CHR9:10116731	SSF x Near_LoA	-10,4526896	0,044	0,318
CHR9	1E+07	CHR9:10116749	SSF x Near_LoA	-6,19007936	0,052	0,305
CHR9	1E+07	CHR9:10116817	SSF x Near_LoA	-7,53494758	0,037	0,310
CHR9	1E+07	CHR9:10116824	SSF x Near_LoA	-10,434983	-0,076	0,303
CHR9	1E+07	CHR9:10116915	SSF x Near_LoA	-9,60159175	-0,064	0,311
CHR9	1E+07	CHR9:10130561	SSF x Near_LoA	-11,2438852	0,031	0,309
CHR9	1E+07	CHR9:10146965	SSF x Near_LoA	-7,66450816	-0,094	0,313
CHR9	1E+07	CHR9:10147031	SSF x Near_LoA	-9,21316217	0,005	0,304
CHR9	1E+07	CHR9:10147043	SSF x Near_LoA	-3,50567227	-0,162	0,316
CHR9	1E+07	CHR9:10155595	SSF x Near_LoA	-10,6136518	0,019	0,313
CHR9	1E+07	CHR9:10155726	SSF x Near_LoA	-9,25406264	0,074	0,305

CHR9	1016207	CHR9:1016207	SSF x Near_LoA	-10,3588288	0,033	0,309
CHR9	1016427	CHR9:1016427	SSF x Near_LoA	-11,5475224	0,046	0,305
CHR9	1E+07	CHR9:10172122	SSF x Near_LoA	-10,0972867	-0,009	0,293
CHR9	1E+07	CHR9:10175740	SSF x Near_LoA	-9,31498252	-0,004	0,308
CHR9	1E+07	CHR9:10175960	SSF x Near_LoA	-8,44472494	0,117	0,319
CHR9	1017991	CHR9:1017991	SSF x Near_LoA	-10,5274694	-0,006	0,308
CHR9	1018049	CHR9:1018049	SSF x Near_LoA	-11,5804406	-0,011	0,301
CHR9	1018100	CHR9:1018100	SSF x Near_LoA	-10,445952	0,080	0,309
CHR9	1018132	CHR9:1018132	SSF x Near_LoA	-0,84239647	-0,213	0,301
CHR9	1E+07	CHR9:10182284	SSF x Near_LoA	-10,158861	0,041	0,314
CHR9	1E+07	CHR9:10182285	SSF x Near_LoA	-10,0213161	0,020	0,317
CHR9	1E+07	CHR9:10182300	SSF x Near_LoA	-8,85287881	0,026	0,307
CHR9	1E+07	CHR9:10197980	SSF x Near_LoA	-11,0796419	-0,023	0,307
CHR9	1E+07	CHR9:10197991	SSF x Near_LoA	-7,05871741	-0,031	0,305
CHR9	1E+07	CHR9:10198002	SSF x Near_LoA	-9,39015838	0,007	0,309
CHR9	1E+07	CHR9:10198007	SSF x Near_LoA	-11,3280643	-0,002	0,303
CHR9	1E+07	CHR9:10202487	SSF x Near_LoA	-11,4902627	0,012	0,307
CHR9	1E+07	CHR9:10203911	SSF x Near_LoA	-10,8734663	0,105	0,297
CHR9	1E+07	CHR9:10204114	SSF x Near_LoA	-10,9890933	-0,083	0,305
CHR9	1E+07	CHR9:10204115	SSF x Near_LoA	-10,6158008	0,041	0,307
CHR9	1E+07	CHR9:10207049	SSF x Near_LoA	-8,27223567	0,076	0,314
CHR9	1E+07	CHR9:10207213	SSF x Near_LoA	-10,7346724	-0,011	0,306
CHR9	1E+07	CHR9:10214137	SSF x Near_LoA	-9,95259583	0,058	0,319
CHR9	1E+07	CHR9:10220144	SSF x Near_LoA	-9,56593705	-0,116	0,312
CHR9	1E+07	CHR9:10220179	SSF x Near_LoA	-8,12640825	0,104	0,305
CHR9	1E+07	CHR9:10220180	SSF x Near_LoA	-9,67426992	-0,104	0,314
CHR9	1E+07	CHR9:10230325	SSF x Near_LoA	-2,86571334	-0,142	0,303
CHR9	1E+07	CHR9:10230335	SSF x Near_LoA	-9,51971559	-0,041	0,302
CHR9	1E+07	CHR9:10230378	SSF x Near_LoA	-0,31842788	0,106	0,309
CHR9	1E+07	CHR9:10230417	SSF x Near_LoA	-9,31321161	-0,006	0,307
CHR9	1E+07	CHR9:10230467	SSF x Near_LoA	-7,20786895	-0,007	0,324
CHR9	1E+07	CHR9:10230473	SSF x Near_LoA	-9,28035134	-0,069	0,296
CHR9	1E+07	CHR9:10230486	SSF x Near_LoA	-8,53685565	-0,073	0,299
CHR9	1E+07	CHR9:10230501	SSF x Near_LoA	-7,67700916	0,090	0,316
CHR9	1E+07	CHR9:10230511	SSF x Near_LoA	-8,15538594	-0,088	0,306
CHR9	1E+07	CHR9:10230539	SSF x Near_LoA	-9,05815294	-0,013	0,310
CHR9	1E+07	CHR9:10230543	SSF x Near_LoA	-4,06443417	0,134	0,280
CHR9	1E+07	CHR9:10230573	SSF x Near_LoA	-9,38537151	-0,011	0,306
CHR9	1E+07	CHR9:10245356	SSF x Near_LoA	-4,29804428	-0,060	0,306
CHR9	1E+07	CHR9:10245369	SSF x Near_LoA	-12,86856	0,007	0,299
CHR9	1E+07	CHR9:10252335	SSF x Near_LoA	-11,2122718	-0,007	0,308
CHR9	1E+07	CHR9:10252385	SSF x Near_LoA	-9,22950565	0,037	0,303
CHR9	1E+07	CHR9:10252517	SSF x Near_LoA	-10,856269	0,115	0,302
CHR9	1E+07	CHR9:10259572	SSF x Near_LoA	-8,70830086	0,042	0,326
CHR9	1E+07	CHR9:10272237	SSF x Near_LoA	-7,22654193	-0,051	0,302
CHR9	1E+07	CHR9:10286141	SSF x Near_LoA	-9,22854519	0,002	0,300
CHR9	1E+07	CHR9:10286182	SSF x Near_LoA	-9,63562957	0,000	0,303
CHR9	1E+07	CHR9:10286205	SSF x Near_LoA	-9,14771472	-0,194	0,296
CHR9	1E+07	CHR9:10286208	SSF x Near_LoA	-8,50587839	0,011	0,294
CHR9	1E+07	CHR9:10286252	SSF x Near_LoA	-11,0920807	0,006	0,297
CHR9	1E+07	CHR9:10286295	SSF x Near_LoA	-11,0426699	-0,005	0,310
CHR9	1E+07	CHR9:10286331	SSF x Near_LoA	-5,49141807	-0,028	0,324
CHR9	1E+07	CHR9:10286333	SSF x Near_LoA	-11,7020579	-0,018	0,305

CHR9	1E+07	CHR9:10286373	SSF x Near_LoA	-11,8180488	-0,084	0,298
CHR9	1E+07	CHR9:10286394	SSF x Near_LoA	-7,47811304	0,173	0,317
CHR9	1E+07	CHR9:10287726	SSF x Near_LoA	-11,6017295	0,060	0,291
CHR9	1E+07	CHR9:10287875	SSF x Near_LoA	-9,24209858	0,006	0,308
CHR9	1E+07	CHR9:10287954	SSF x Near_LoA	-9,89738822	0,060	0,312
CHR9	1E+07	CHR9:10287957	SSF x Near_LoA	-7,34270677	0,198	0,291
CHR9	1E+07	CHR9:10299001	SSF x Near_LoA	2,94564503	0,102	0,293
CHR9	1E+07	CHR9:10299063	SSF x Near_LoA	-11,0687627	0,070	0,313
CHR9	1E+07	CHR9:10299066	SSF x Near_LoA	-8,81546985	-0,069	0,317
CHR9	1E+07	CHR9:10299103	SSF x Near_LoA	-9,49869231	0,054	0,298
CHR9	1E+07	CHR9:10299789	SSF x Near_LoA	-0,20320693	0,240	0,300
CHR9	1E+07	CHR9:10299805	SSF x Near_LoA	-10,8025119	-0,100	0,305
CHR9	1E+07	CHR9:10299814	SSF x Near_LoA	-11,8375897	0,009	0,303
CHR9	1E+07	CHR9:10299825	SSF x Near_LoA	-11,1998703	0,019	0,305
CHR9	1E+07	CHR9:10304963	SSF x Near_LoA	-9,09876519	-0,025	0,319
CHR9	1E+07	CHR9:10305017	SSF x Near_LoA	5,3369867	-0,069	0,316
CHR9	1E+07	CHR9:10305019	SSF x Near_LoA	-8,63592074	0,013	0,299
CHR9	1E+07	CHR9:10306498	SSF x Near_LoA	-10,4772294	-0,080	0,307
CHR9	1E+07	CHR9:10317897	SSF x Near_LoA	-7,93693072	-0,012	0,314
CHR9	1E+07	CHR9:10317970	SSF x Near_LoA	-7,03124939	-0,150	0,295
CHR9	1E+07	CHR9:10317980	SSF x Near_LoA	-8,57795532	-0,059	0,320
CHR9	1E+07	CHR9:10317991	SSF x Near_LoA	-8,06333635	0,086	0,289
CHR9	1E+07	CHR9:10327913	SSF x Near_LoA	-11,1892346	-0,028	0,303
CHR9	1E+07	CHR9:10327915	SSF x Near_LoA	-11,9532844	-0,024	0,314
CHR9	1E+07	CHR9:10327936	SSF x Near_LoA	-10,9610461	-0,041	0,307
CHR9	1E+07	CHR9:10327963	SSF x Near_LoA	-8,78158925	-0,111	0,297
CHR9	1E+07	CHR9:10336414	SSF x Near_LoA	-11,3911296	0,049	0,311
CHR9	1E+07	CHR9:10336438	SSF x Near_LoA	-8,93354816	-0,046	0,319
CHR9	1E+07	CHR9:10336452	SSF x Near_LoA	-1,64630982	-0,046	0,315
CHR9	1E+07	CHR9:10336472	SSF x Near_LoA	-8,06971662	0,042	0,311
CHR9	1E+07	CHR9:10344602	SSF x Near_LoA	-8,73149677	0,071	0,293
CHR9	1E+07	CHR9:10344604	SSF x Near_LoA	-9,4173255	-0,008	0,306
CHR9	1E+07	CHR9:10344635	SSF x Near_LoA	-5,98433828	0,164	0,306
CHR9	1E+07	CHR9:10344652	SSF x Near_LoA	-8,04392252	-0,010	0,303
CHR9	1E+07	CHR9:10344653	SSF x Near_LoA	-7,60062754	-0,068	0,309
CHR9	1E+07	CHR9:10344735	SSF x Near_LoA	3,92897189	0,000	0,321
CHR9	1E+07	CHR9:10344776	SSF x Near_LoA	-8,8524142	0,046	0,315
CHR9	1E+07	CHR9:10344790	SSF x Near_LoA	-10,508898	-0,091	0,299
CHR9	1E+07	CHR9:10344795	SSF x Near_LoA	-10,0492866	-0,062	0,299
CHR9	1035262	CHR9:1035262	SSF x Near_LoA	-8,64909687	-0,069	0,295
CHR9	1035348	CHR9:1035348	SSF x Near_LoA	-9,81016643	-0,023	0,302
CHR9	1E+07	CHR9:10354193	SSF x Near_LoA	-9,57778628	-0,050	0,303
CHR9	1E+07	CHR9:10357926	SSF x Near_LoA	-12,2426548	0,013	0,302
CHR9	1E+07	CHR9:10357973	SSF x Near_LoA	-9,54831825	-0,041	0,294
CHR9	1E+07	CHR9:10358020	SSF x Near_LoA	-9,60857111	0,068	0,310
CHR9	1E+07	CHR9:10358070	SSF x Near_LoA	-11,0449942	0,084	0,312
CHR9	1E+07	CHR9:10358079	SSF x Near_LoA	-9,0446416	0,016	0,315
CHR9	1E+07	CHR9:10370980	SSF x Near_LoA	-6,77938962	-0,068	0,331
CHR9	1E+07	CHR9:10370986	SSF x Near_LoA	-8,32008656	-0,056	0,317
CHR9	1E+07	CHR9:10373508	SSF x Near_LoA	-7,87906083	0,059	0,309
CHR9	1E+07	CHR9:10373673	SSF x Near_LoA	-8,42596417	0,045	0,306
CHR9	1E+07	CHR9:10373677	SSF x Near_LoA	-7,41167438	-0,092	0,318
CHR9	1E+07	CHR9:10378396	SSF x Near_LoA	-9,21661649	0,052	0,320

CHR9	1E+07	CHR9:10378466	SSF x Near_LoA	-9,82218063	0,087	0,301
CHR9	1E+07	CHR9:10378494	SSF x Near_LoA	-10,0278305	-0,018	0,314
CHR9	1E+07	CHR9:10384844	SSF x Near_LoA	-9,52424445	0,033	0,316
CHR9	1E+07	CHR9:10399162	SSF x Near_LoA	-10,4036507	-0,119	0,310
CHR9	1E+07	CHR9:10410167	SSF x Near_LoA	-5,44981261	-0,069	0,322
CHR9	1E+07	CHR9:10410496	SSF x Near_LoA	-9,24032242	-0,046	0,304
CHR9	1E+07	CHR9:10410499	SSF x Near_LoA	-7,75661843	-0,003	0,301
CHR9	1E+07	CHR9:10410508	SSF x Near_LoA	-8,73221788	-0,005	0,303
CHR9	1E+07	CHR9:10418140	SSF x Near_LoA	-7,44407019	-0,075	0,310
CHR9	1E+07	CHR9:10419690	SSF x Near_LoA	-11,1110385	0,015	0,305
CHR9	1E+07	CHR9:10420125	SSF x Near_LoA	-7,26121381	-0,026	0,323
CHR9	1E+07	CHR9:10420163	SSF x Near_LoA	-11,2183736	0,025	0,315
CHR9	1E+07	CHR9:10420234	SSF x Near_LoA	-8,68398699	0,030	0,320
CHR9	1E+07	CHR9:10420243	SSF x Near_LoA	-5,78169254	-0,190	0,302
CHR9	1E+07	CHR9:10429453	SSF x Near_LoA	-10,8887523	-0,038	0,316
CHR9	1E+07	CHR9:10429660	SSF x Near_LoA	-11,2062932	0,000	0,310
CHR9	1E+07	CHR9:10429674	SSF x Near_LoA	-11,0017035	-0,008	0,309
CHR9	1E+07	CHR9:10430950	SSF x Near_LoA	-7,28091878	0,031	0,302
CHR9	1E+07	CHR9:10430983	SSF x Near_LoA	-8,16460214	0,041	0,304
CHR9	1E+07	CHR9:10433627	SSF x Near_LoA	-9,16856296	0,088	0,297
CHR9	1E+07	CHR9:10450872	SSF x Near_LoA	-8,39147911	0,089	0,317
CHR9	1E+07	CHR9:10450886	SSF x Near_LoA	-10,6041277	-0,020	0,303
CHR9	1E+07	CHR9:10450891	SSF x Near_LoA	-11,7223499	0,085	0,302
CHR9	1E+07	CHR9:10455616	SSF x Near_LoA	-9,2119805	0,030	0,312
CHR9	1E+07	CHR9:10455771	SSF x Near_LoA	-10,9795809	-0,053	0,306
CHR9	1E+07	CHR9:10455776	SSF x Near_LoA	-10,3429685	-0,039	0,310
CHR9	1E+07	CHR9:10455777	SSF x Near_LoA	-9,96280573	0,000	0,310
CHR9	1E+07	CHR9:10457703	SSF x Near_LoA	-6,16357329	-0,049	0,311
CHR9	1E+07	CHR9:10457719	SSF x Near_LoA	-9,8079423	-0,064	0,299
CHR9	1E+07	CHR9:10457725	SSF x Near_LoA	-8,13391014	-0,058	0,314
CHR9	1E+07	CHR9:10457786	SSF x Near_LoA	-9,65197254	-0,070	0,314
CHR9	1E+07	CHR9:10457802	SSF x Near_LoA	-7,85396313	0,005	0,306
CHR9	1E+07	CHR9:10457807	SSF x Near_LoA	-10,7990931	-0,075	0,302
CHR9	1E+07	CHR9:10457808	SSF x Near_LoA	-8,2436974	-0,047	0,313
CHR9	1E+07	CHR9:10457828	SSF x Near_LoA	-9,14598703	0,082	0,309
CHR9	1E+07	CHR9:10457858	SSF x Near_LoA	-6,30575921	-0,021	0,308
CHR9	1E+07	CHR9:10457893	SSF x Near_LoA	-9,10823081	-0,006	0,317
CHR9	1E+07	CHR9:10457936	SSF x Near_LoA	-9,32239173	0,061	0,316
CHR9	1E+07	CHR9:10463802	SSF x Near_LoA	-8,34566799	0,051	0,308
CHR9	1E+07	CHR9:10463831	SSF x Near_LoA	-7,69204054	-0,003	0,312
CHR9	1E+07	CHR9:10470924	SSF x Near_LoA	-6,88214154	-0,027	0,324
CHR9	1E+07	CHR9:10470934	SSF x Near_LoA	-10,1413651	-0,009	0,317
CHR9	1E+07	CHR9:10475987	SSF x Near_LoA	-8,41144288	-0,002	0,301
CHR9	1E+07	CHR9:10476060	SSF x Near_LoA	-12,2001217	0,028	0,295
CHR9	1E+07	CHR9:10481474	SSF x Near_LoA	-8,50033431	0,040	0,314
CHR9	1E+07	CHR9:10482272	SSF x Near_LoA	-8,11252563	0,059	0,319
CHR9	1E+07	CHR9:10482298	SSF x Near_LoA	-9,76375405	0,086	0,309
CHR9	1E+07	CHR9:10482347	SSF x Near_LoA	-10,7533544	0,043	0,319
CHR9	1E+07	CHR9:10487786	SSF x Near_LoA	-10,1187847	-0,036	0,319
CHR9	1E+07	CHR9:10488003	SSF x Near_LoA	-10,610428	0,002	0,303
CHR9	1048847	CHR9:1048847	SSF x Near_LoA	-8,64715298	0,020	0,306
CHR9	1E+07	CHR9:10496166	SSF x Near_LoA	-10,2438743	0,006	0,299
CHR9	1E+07	CHR9:10496213	SSF x Near_LoA	-9,05214075	0,021	0,303

CHR9	1E+07	CHR9:10496232	SSF x Near_LoA	-10,7350842	0,018	0,311
CHR9	1E+07	CHR9:10496242	SSF x Near_LoA	-7,74656489	-0,043	0,305
CHR9	1E+07	CHR9:10496299	SSF x Near_LoA	-7,32189334	-0,063	0,312
CHR9	10501881	CHR9:10501881	SSF x Near_LoA	-8,4908838	0,091	0,319
CHR9	10502438	CHR9:10502438	SSF x Near_LoA	-10,1247795	0,068	0,309
CHR9	10502479	CHR9:10502479	SSF x Near_LoA	-10,1428117	0,061	0,308
CHR9	10504699	CHR9:10504699	SSF x Near_LoA	-9,51437693	0,101	0,289
CHR9	10504720	CHR9:10504720	SSF x Near_LoA	-10,6468093	0,044	0,322
CHR9	10504788	CHR9:10504788	SSF x Near_LoA	2,12222136	-0,020	0,305
CHR9	10505242	CHR9:10505242	SSF x Near_LoA	-7,17060794	-0,101	0,305
CHR9	10506983	CHR9:10506983	SSF x Near_LoA	-7,72548487	0,060	0,321
CHR9	10507017	CHR9:10507017	SSF x Near_LoA	-11,0900396	0,050	0,302
CHR9	10509716	CHR9:10509716	SSF x Near_LoA	-5,71689399	0,174	0,294
CHR9	10509772	CHR9:10509772	SSF x Near_LoA	-10,9759325	-0,063	0,309
CHR9	10517924	CHR9:10517924	SSF x Near_LoA	-7,67315918	0,075	0,319
CHR9	10517996	CHR9:10517996	SSF x Near_LoA	-11,1623253	-0,089	0,306
CHR9	10518012	CHR9:10518012	SSF x Near_LoA	-8,1014195	-0,064	0,305
CHR9	10518024	CHR9:10518024	SSF x Near_LoA	-9,24018731	-0,021	0,298
CHR9	10518034	CHR9:10518034	SSF x Near_LoA	-9,41876732	-0,004	0,316
CHR9	10523646	CHR9:10523646	SSF x Near_LoA	-6,85751055	-0,070	0,317
CHR9	10523836	CHR9:10523836	SSF x Near_LoA	-10,4180884	0,043	0,301
CHR9	10523844	CHR9:10523844	SSF x Near_LoA	-10,3784481	0,077	0,297
CHR9	10523858	CHR9:10523858	SSF x Near_LoA	-11,0966675	0,022	0,303
CHR9	10523895	CHR9:10523895	SSF x Near_LoA	-9,3330938	-0,023	0,304
CHR9	10530109	CHR9:10530109	SSF x Near_LoA	-9,47061537	-0,058	0,316
CHR9	10530147	CHR9:10530147	SSF x Near_LoA	-11,5315533	-0,038	0,306
CHR9	10530194	CHR9:10530194	SSF x Near_LoA	-10,1711655	0,083	0,305
CHR9	10530227	CHR9:10530227	SSF x Near_LoA	-9,0580232	-0,022	0,301
CHR9	10530230	CHR9:10530230	SSF x Near_LoA	-3,90488584	-0,060	0,319
CHR9	10539118	CHR9:10539118	SSF x Near_LoA	-8,77745805	-0,058	0,300
CHR9	10539119	CHR9:10539119	SSF x Near_LoA	-9,61387287	-0,064	0,296
CHR9	10539135	CHR9:10539135	SSF x Near_LoA	-9,29802434	0,092	0,303
CHR9	10539151	CHR9:10539151	SSF x Near_LoA	-8,84520806	-0,088	0,313
CHR9	10539184	CHR9:10539184	SSF x Near_LoA	-8,80507879	0,118	0,305
CHR9	10539193	CHR9:10539193	SSF x Near_LoA	-10,9391136	-0,005	0,325
CHR9	10539278	CHR9:10539278	SSF x Near_LoA	-8,64647217	-0,064	0,298
CHR9	10539280	CHR9:10539280	SSF x Near_LoA	-9,27648705	0,043	0,297
CHR9	10539288	CHR9:10539288	SSF x Near_LoA	-9,88971309	0,009	0,324
CHR9	10544276	CHR9:10544276	SSF x Near_LoA	-8,42056614	-0,072	0,300
CHR9	10544310	CHR9:10544310	SSF x Near_LoA	-8,70815288	0,074	0,297
CHR9	10544327	CHR9:10544327	SSF x Near_LoA	-11,2572349	0,053	0,302
CHR9	10544352	CHR9:10544352	SSF x Near_LoA	-8,96753653	-0,060	0,306
CHR9	10544378	CHR9:10544378	SSF x Near_LoA	-10,6688206	0,053	0,302
CHR9	10553768	CHR9:10553768	SSF x Near_LoA	-8,87918602	-0,161	0,301
CHR9	10553776	CHR9:10553776	SSF x Near_LoA	-9,7834264	0,029	0,298
CHR9	10560694	CHR9:10560694	SSF x Near_LoA	-6,06814588	0,050	0,311
CHR9	10561292	CHR9:10561292	SSF x Near_LoA	-9,72029636	0,190	0,296
CHR9	10561315	CHR9:10561315	SSF x Near_LoA	-1,53132978	0,063	0,312
CHR9	10561335	CHR9:10561335	SSF x Near_LoA	-9,00639602	-0,107	0,304
CHR9	10561356	CHR9:10561356	SSF x Near_LoA	-8,81502521	0,088	0,316
CHR9	10561372	CHR9:10561372	SSF x Near_LoA	-12,3201721	0,014	0,294
CHR9	10571422	CHR9:10571422	SSF x Near_LoA	-11,6830022	-0,033	0,312
CHR9	10571502	CHR9:10571502	SSF x Near_LoA	-7,56757712	0,083	0,312

CHR9	10571516	CHR9:10571516	SSF x Near_LoA	-9,53565263	-0,001	0,295
CHR9	10573383	CHR9:10573383	SSF x Near_LoA	-11,8210291	-0,029	0,304
CHR9	10580851	CHR9:10580851	SSF x Near_LoA	-9,31261006	0,011	0,294
CHR9	10580895	CHR9:10580895	SSF x Near_LoA	-10,9056898	-0,088	0,305
CHR9	10580907	CHR9:10580907	SSF x Near_LoA	-11,1868457	0,075	0,299
CHR9	10580923	CHR9:10580923	SSF x Near_LoA	-8,73731647	-0,044	0,309
CHR9	10580972	CHR9:10580972	SSF x Near_LoA	-8,9654443	-0,091	0,307
CHR9	10580990	CHR9:10580990	SSF x Near_LoA	-10,2440486	-0,045	0,307
CHR9	10581162	CHR9:10581162	SSF x Near_LoA	-12,2803694	0,061	0,287
CHR9	10586016	CHR9:10586016	SSF x Near_LoA	-10,3212337	0,022	0,313
CHR9	10586019	CHR9:10586019	SSF x Near_LoA	3,17161857	0,027	0,319
CHR9	10586036	CHR9:10586036	SSF x Near_LoA	-7,87302623	-0,098	0,315
CHR9	10586041	CHR9:10586041	SSF x Near_LoA	-9,00601605	0,084	0,304
CHR9	10586124	CHR9:10586124	SSF x Near_LoA	-11,5373469	-0,029	0,313
CHR9	10586148	CHR9:10586148	SSF x Near_LoA	-9,15455931	-0,063	0,296
CHR9	10586161	CHR9:10586161	SSF x Near_LoA	-9,49286535	-0,032	0,299
CHR9	10593435	CHR9:10593435	SSF x Near_LoA	-7,50498209	-0,098	0,316
CHR9	10598369	CHR9:10598369	SSF x Near_LoA	-6,35324122	-0,159	0,303
CHR9	10598673	CHR9:10598673	SSF x Near_LoA	-8,36504967	-0,057	0,301
CHR9	10604017	CHR9:10604017	SSF x Near_LoA	-11,3618984	-0,060	0,308
CHR9	10604044	CHR9:10604044	SSF x Near_LoA	-8,95987204	0,083	0,299
CHR9	10604064	CHR9:10604064	SSF x Near_LoA	-9,8813818	0,000	0,313
CHR9	10604079	CHR9:10604079	SSF x Near_LoA	-10,3285003	0,050	0,309
CHR9	10604081	CHR9:10604081	SSF x Near_LoA	-9,56559746	-0,013	0,303
CHR9	10604084	CHR9:10604084	SSF x Near_LoA	-10,6225991	0,036	0,302
CHR9	10609265	CHR9:10609265	SSF x Near_LoA	-11,310294	-0,019	0,306
CHR9	10609406	CHR9:10609406	SSF x Near_LoA	-11,4001194	-0,045	0,303
CHR9	10611748	CHR9:10611748	SSF x Near_LoA	-10,0630109	-0,055	0,317
CHR9	10611825	CHR9:10611825	SSF x Near_LoA	-9,20550079	0,014	0,305
CHR9	10611875	CHR9:10611875	SSF x Near_LoA	-11,3144759	-0,046	0,308
CHR9	10613745	CHR9:10613745	SSF x Near_LoA	-10,0436875	-0,029	0,321
CHR9	10621245	CHR9:10621245	SSF x Near_LoA	-7,55335742	0,137	0,310
CHR9	10621271	CHR9:10621271	SSF x Near_LoA	-12,0298873	0,048	0,298
CHR9	10622922	CHR9:10622922	SSF x Near_LoA	-9,58815576	-0,040	0,307
CHR9	10622965	CHR9:10622965	SSF x Near_LoA	-5,30458614	-0,181	0,295
CHR9	10629673	CHR9:10629673	SSF x Near_LoA	-10,8453846	-0,001	0,316
CHR9	10629722	CHR9:10629722	SSF x Near_LoA	-9,79413503	-0,090	0,304
CHR9	10633520	CHR9:10633520	SSF x Near_LoA	-0,91724541	-0,025	0,311
CHR9	10633567	CHR9:10633567	SSF x Near_LoA	-9,14706422	-0,085	0,315
CHR9	10633605	CHR9:10633605	SSF x Near_LoA	-10,7401884	0,012	0,299
CHR9	10636997	CHR9:10636997	SSF x Near_LoA	-8,97107468	0,087	0,298
CHR9	10651292	CHR9:10651292	SSF x Near_LoA	-8,24180784	-0,013	0,310
CHR9	10651490	CHR9:10651490	SSF x Near_LoA	-8,89268341	0,035	0,310
CHR9	10661710	CHR9:10661710	SSF x Near_LoA	-10,2846237	0,083	0,304
CHR9	10661762	CHR9:10661762	SSF x Near_LoA	-9,13346252	-0,063	0,313
CHR9	10661819	CHR9:10661819	SSF x Near_LoA	-9,896693	0,061	0,296
CHR9	10661852	CHR9:10661852	SSF x Near_LoA	-7,92624167	-0,006	0,319
CHR9	10680916	CHR9:10680916	SSF x Near_LoA	-10,3190624	-0,015	0,294
CHR9	10680943	CHR9:10680943	SSF x Near_LoA	-6,57075483	-0,050	0,305
CHR9	10680944	CHR9:10680944	SSF x Near_LoA	-9,44876744	-0,070	0,314
CHR9	10682813	CHR9:10682813	SSF x Near_LoA	-8,6250688	0,031	0,316
CHR9	10682831	CHR9:10682831	SSF x Near_LoA	-9,18337945	-0,086	0,309
CHR9	10682839	CHR9:10682839	SSF x Near_LoA	-8,40322247	-0,132	0,301

CHR9	10682995	CHR9:10682995	SSF x Near_LoA	-7,32331166	-0,099	0,307
CHR9	10689408	CHR9:10689408	SSF x Near_LoA	-9,28839643	0,002	0,321
CHR9	10689424	CHR9:10689424	SSF x Near_LoA	-10,1081885	0,008	0,313
CHR9	1070175	CHR9:1070175	SSF x Near_LoA	-11,2586062	-0,032	0,308
CHR9	10701970	CHR9:10701970	SSF x Near_LoA	-12,2855132	-0,031	0,306
CHR9	1070238	CHR9:1070238	SSF x Near_LoA	-8,74785937	0,135	0,292
CHR9	1070259	CHR9:1070259	SSF x Near_LoA	-11,9613558	0,082	0,298
CHR9	10710642	CHR9:10710642	SSF x Near_LoA	-9,08501797	-0,091	0,320
CHR9	10710671	CHR9:10710671	SSF x Near_LoA	-7,59162478	-0,039	0,328
CHR9	10710732	CHR9:10710732	SSF x Near_LoA	-9,47030006	-0,079	0,306
CHR9	10710826	CHR9:10710826	SSF x Near_LoA	-10,3801459	0,108	0,309
CHR9	10714462	CHR9:10714462	SSF x Near_LoA	-9,11555192	0,093	0,298
CHR9	10714463	CHR9:10714463	SSF x Near_LoA	-9,08461295	0,031	0,310
CHR9	10714485	CHR9:10714485	SSF x Near_LoA	-9,6117979	0,069	0,295
CHR9	10715215	CHR9:10715215	SSF x Near_LoA	-8,96641243	-0,023	0,321
CHR9	10718503	CHR9:10718503	SSF x Near_LoA	-10,4100752	-0,022	0,303
CHR9	10718518	CHR9:10718518	SSF x Near_LoA	-10,6731575	-0,059	0,302
CHR9	10718550	CHR9:10718550	SSF x Near_LoA	-11,4759926	0,019	0,307
CHR9	10718558	CHR9:10718558	SSF x Near_LoA	-9,95019835	-0,047	0,295
CHR9	10718642	CHR9:10718642	SSF x Near_LoA	-11,2047718	-0,074	0,312
CHR9	10731904	CHR9:10731904	SSF x Near_LoA	-9,45862279	0,137	0,296
CHR9	10731922	CHR9:10731922	SSF x Near_LoA	-10,5808115	0,170	0,295
CHR9	10732020	CHR9:10732020	SSF x Near_LoA	-10,7710459	0,033	0,305
CHR9	10732032	CHR9:10732032	SSF x Near_LoA	-7,6990271	0,042	0,300
CHR9	10734648	CHR9:10734648	SSF x Near_LoA	-6,68445493	-0,001	0,306
CHR9	10734697	CHR9:10734697	SSF x Near_LoA	-8,47256878	-0,165	0,299
CHR9	10734701	CHR9:10734701	SSF x Near_LoA	-11,6869754	-0,037	0,325
CHR9	10734706	CHR9:10734706	SSF x Near_LoA	-11,3806396	-0,006	0,301
CHR9	10736028	CHR9:10736028	SSF x Near_LoA	-6,68524642	-0,056	0,295
CHR9	10736041	CHR9:10736041	SSF x Near_LoA	-8,68000577	0,004	0,304
CHR9	10747062	CHR9:10747062	SSF x Near_LoA	-9,39598134	-0,142	0,317
CHR9	10747068	CHR9:10747068	SSF x Near_LoA	-8,7120898	-0,142	0,301
CHR9	10747103	CHR9:10747103	SSF x Near_LoA	-7,00307727	-0,128	0,303
CHR9	1074841	CHR9:1074841	SSF x Near_LoA	-11,3650609	0,024	0,311
CHR9	1074861	CHR9:1074861	SSF x Near_LoA	-8,93428407	-0,102	0,280
CHR9	1074873	CHR9:1074873	SSF x Near_LoA	-8,41015896	-0,055	0,307
CHR9	10750194	CHR9:10750194	SSF x Near_LoA	-8,50099064	-0,059	0,310
CHR9	10750203	CHR9:10750203	SSF x Near_LoA	-8,91917544	0,002	0,300
CHR9	10750206	CHR9:10750206	SSF x Near_LoA	-11,2123036	0,052	0,313
CHR9	10750239	CHR9:10750239	SSF x Near_LoA	-9,7939822	0,013	0,299
CHR9	10750244	CHR9:10750244	SSF x Near_LoA	-8,52028621	-0,016	0,306
CHR9	10750288	CHR9:10750288	SSF x Near_LoA	-9,44344958	0,082	0,318
CHR9	10750352	CHR9:10750352	SSF x Near_LoA	-7,82060884	-0,066	0,304
CHR9	10750372	CHR9:10750372	SSF x Near_LoA	-9,56843323	-0,089	0,313
CHR9	10756795	CHR9:10756795	SSF x Near_LoA	-9,25666299	0,114	0,295
CHR9	10762113	CHR9:10762113	SSF x Near_LoA	-10,5234738	-0,039	0,299
CHR9	10762194	CHR9:10762194	SSF x Near_LoA	-2,93396139	0,183	0,285
CHR9	10762220	CHR9:10762220	SSF x Near_LoA	-10,4480194	0,097	0,303
CHR9	10762227	CHR9:10762227	SSF x Near_LoA	-10,9230021	0,096	0,304
CHR9	10765728	CHR9:10765728	SSF x Near_LoA	-9,83290154	-0,099	0,299
CHR9	10765801	CHR9:10765801	SSF x Near_LoA	-7,72528124	-0,012	0,319
CHR9	10765855	CHR9:10765855	SSF x Near_LoA	-10,9874717	-0,024	0,300
CHR9	10776463	CHR9:10776463	SSF x Near_LoA	-9,56268334	0,075	0,307

CHR9	10776527	CHR9:10776527	SSF x Near_LoA	-10,8254059	0,088	0,298
CHR9	10776555	CHR9:10776555	SSF x Near_LoA	-9,44979316	-0,011	0,321
CHR9	10783688	CHR9:10783688	SSF x Near_LoA	-9,49383948	0,047	0,302
CHR9	10783752	CHR9:10783752	SSF x Near_LoA	-9,72567129	-0,032	0,314
CHR9	10783782	CHR9:10783782	SSF x Near_LoA	-11,6406304	0,061	0,307
CHR9	1079129	CHR9:1079129	SSF x Near_LoA	-9,99639243	0,058	0,317
CHR9	1079153	CHR9:1079153	SSF x Near_LoA	-10,8574632	0,003	0,302
CHR9	1079159	CHR9:1079159	SSF x Near_LoA	-5,05868371	-0,017	0,299
CHR9	10796248	CHR9:10796248	SSF x Near_LoA	-10,9461942	-0,047	0,313
CHR9	10796270	CHR9:10796270	SSF x Near_LoA	-8,08453296	-0,074	0,311
CHR9	10796342	CHR9:10796342	SSF x Near_LoA	-11,1740377	-0,018	0,305
CHR9	10796431	CHR9:10796431	SSF x Near_LoA	-11,7086077	0,090	0,305
CHR9	1080201	CHR9:1080201	SSF x Near_LoA	-7,82866167	0,137	0,295
CHR9	1080365	CHR9:1080365	SSF x Near_LoA	-9,20035929	-0,095	0,314
CHR9	10806188	CHR9:10806188	SSF x Near_LoA	-9,04862489	0,122	0,304
CHR9	10814385	CHR9:10814385	SSF x Near_LoA	-10,5170862	0,096	0,303
CHR9	1081441	CHR9:1081441	SSF x Near_LoA	-8,67241345	-0,037	0,294
CHR9	1081463	CHR9:1081463	SSF x Near_LoA	-5,53396918	0,166	0,299
CHR9	1081474	CHR9:1081474	SSF x Near_LoA	-6,14060825	0,140	0,276
CHR9	10842369	CHR9:10842369	SSF x Near_LoA	-7,99232075	0,059	0,322
CHR9	10842380	CHR9:10842380	SSF x Near_LoA	-9,2179542	-0,073	0,319
CHR9	10842543	CHR9:10842543	SSF x Near_LoA	-9,16500351	0,016	0,321
CHR9	10842549	CHR9:10842549	SSF x Near_LoA	-6,97334482	0,041	0,319
CHR9	10842556	CHR9:10842556	SSF x Near_LoA	-8,92575918	0,024	0,306
CHR9	10850418	CHR9:10850418	SSF x Near_LoA	-8,40780736	-0,031	0,305
CHR9	10854365	CHR9:10854365	SSF x Near_LoA	-0,22222373	-0,128	0,304
CHR9	10863040	CHR9:10863040	SSF x Near_LoA	-10,7451246	-0,020	0,307
CHR9	10863129	CHR9:10863129	SSF x Near_LoA	-11,0843798	-0,071	0,316
CHR9	10870730	CHR9:10870730	SSF x Near_LoA	-9,21534326	0,026	0,300
CHR9	10878711	CHR9:10878711	SSF x Near_LoA	-9,58641295	0,077	0,325
CHR9	10878723	CHR9:10878723	SSF x Near_LoA	-5,76287441	0,220	0,294
CHR9	10884627	CHR9:10884627	SSF x Near_LoA	-7,65053931	-0,022	0,319
CHR9	10911797	CHR9:10911797	SSF x Near_LoA	-7,9054482	0,111	0,306
CHR9	1092998	CHR9:1092998	SSF x Near_LoA	-8,60341525	-0,195	0,290
CHR9	1094685	CHR9:1094685	SSF x Near_LoA	-10,1895495	-0,035	0,317
CHR9	1095259	CHR9:1095259	SSF x Near_LoA	-9,29162759	-0,008	0,304
CHR9	10960	CHR9:10960	SSF x Near_LoA	-8,88030657	-0,022	0,307
CHR9	10981797	CHR9:10981797	SSF x Near_LoA	-8,89103115	-0,114	0,299
CHR9	10994149	CHR9:10994149	SSF x Near_LoA	-9,53143009	0,045	0,308
CHR9	11026816	CHR9:11026816	SSF x Near_LoA	-11,0742066	-0,049	0,308
CHR9	11034040	CHR9:11034040	SSF x Near_LoA	-4,07381582	-0,225	0,291
CHR9	11045429	CHR9:11045429	SSF x Near_LoA	-9,81072984	-0,048	0,308
CHR9	11045438	CHR9:11045438	SSF x Near_LoA	-10,2660153	-0,031	0,320
CHR9	11045616	CHR9:11045616	SSF x Near_LoA	-11,0183346	0,047	0,312
CHR9	11048765	CHR9:11048765	SSF x Near_LoA	-4,31639942	0,132	0,286
CHR9	11048771	CHR9:11048771	SSF x Near_LoA	-9,66268969	0,112	0,296
CHR9	11048893	CHR9:11048893	SSF x Near_LoA	-8,57352505	0,151	0,298
CHR9	11052689	CHR9:11052689	SSF x Near_LoA	-8,94600653	0,054	0,319
CHR9	11052791	CHR9:11052791	SSF x Near_LoA	-10,5970382	-0,116	0,302
CHR9	11052815	CHR9:11052815	SSF x Near_LoA	-8,94867279	0,095	0,291
CHR9	11052821	CHR9:11052821	SSF x Near_LoA	-11,7105999	-0,026	0,313
CHR9	1105765	CHR9:1105765	SSF x Near_LoA	-9,18756342	-0,094	0,303
CHR9	1105773	CHR9:1105773	SSF x Near_LoA	-3,626274	-0,155	0,315

CHR9	11059438	CHR9:11059438	SSF x Near_LoA	-10,4098563	-0,008	0,317
CHR9	11059489	CHR9:11059489	SSF x Near_LoA	-10,3637542	-0,044	0,309
CHR9	11059595	CHR9:11059595	SSF x Near_LoA	-9,47268231	-0,095	0,312
CHR9	11059729	CHR9:11059729	SSF x Near_LoA	-7,85789172	0,059	0,321
CHR9	11059738	CHR9:11059738	SSF x Near_LoA	-9,11878851	0,010	0,323
CHR9	11059813	CHR9:11059813	SSF x Near_LoA	-10,738556	0,051	0,307
CHR9	11059816	CHR9:11059816	SSF x Near_LoA	-9,18121619	0,071	0,322
CHR9	1106175	CHR9:1106175	SSF x Near_LoA	-9,8761677	0,013	0,305
CHR9	11063056	CHR9:11063056	SSF x Near_LoA	-10,2694353	-0,002	0,310
CHR9	11063180	CHR9:11063180	SSF x Near_LoA	-11,1825199	0,044	0,303
CHR9	11063182	CHR9:11063182	SSF x Near_LoA	-8,21873139	-0,097	0,318
CHR9	11063229	CHR9:11063229	SSF x Near_LoA	-7,74592414	-0,036	0,321
CHR9	11063246	CHR9:11063246	SSF x Near_LoA	-10,015467	-0,048	0,298
CHR9	11063316	CHR9:11063316	SSF x Near_LoA	-7,59787454	-0,029	0,300
CHR9	11063337	CHR9:11063337	SSF x Near_LoA	-8,2626295	-0,051	0,301
CHR9	11063369	CHR9:11063369	SSF x Near_LoA	-10,1828061	0,048	0,319
CHR9	11068115	CHR9:11068115	SSF x Near_LoA	-9,0687067	0,041	0,308
CHR9	11068147	CHR9:11068147	SSF x Near_LoA	-10,6513698	-0,033	0,313
CHR9	11072742	CHR9:11072742	SSF x Near_LoA	-6,22806788	-0,144	0,300
CHR9	11072760	CHR9:11072760	SSF x Near_LoA	-8,22657725	0,128	0,285
CHR9	11072898	CHR9:11072898	SSF x Near_LoA	-7,59182119	0,060	0,318
CHR9	11076574	CHR9:11076574	SSF x Near_LoA	-9,13424751	-0,021	0,319
CHR9	11080229	CHR9:11080229	SSF x Near_LoA	-7,04138628	0,162	0,319
CHR9	11080463	CHR9:11080463	SSF x Near_LoA	-10,938988	0,060	0,302
CHR9	11110496	CHR9:11110496	SSF x Near_LoA	-10,0812358	0,023	0,300
CHR9	11112298	CHR9:11112298	SSF x Near_LoA	-8,23006053	0,086	0,292
CHR9	11112993	CHR9:11112993	SSF x Near_LoA	-9,37013021	0,051	0,301
CHR9	11113191	CHR9:11113191	SSF x Near_LoA	-9,05741254	-0,115	0,306
CHR9	11114572	CHR9:11114572	SSF x Near_LoA	-10,1657376	-0,110	0,298
CHR9	1113204	CHR9:1113204	SSF x Near_LoA	-11,032905	-0,013	0,302
CHR9	1113379	CHR9:1113379	SSF x Near_LoA	0,18180216	-0,066	0,315
CHR9	1113429	CHR9:1113429	SSF x Near_LoA	-8,91387865	0,174	0,288
CHR9	1113455	CHR9:1113455	SSF x Near_LoA	-8,68239407	0,002	0,311
CHR9	11147377	CHR9:11147377	SSF x Near_LoA	-11,3112367	0,035	0,311
CHR9	11147458	CHR9:11147458	SSF x Near_LoA	-9,68216361	-0,046	0,298
CHR9	11147527	CHR9:11147527	SSF x Near_LoA	-9,0673253	-0,004	0,310
CHR9	11147607	CHR9:11147607	SSF x Near_LoA	-8,92106236	-0,108	0,296
CHR9	1116611	CHR9:1116611	SSF x Near_LoA	-10,3670685	0,058	0,314
CHR9	1116689	CHR9:1116689	SSF x Near_LoA	-10,5032488	0,003	0,309
CHR9	1117928	CHR9:1117928	SSF x Near_LoA	-10,7939577	0,067	0,296
CHR9	11217589	CHR9:11217589	SSF x Near_LoA	6,39788431	-0,198	0,311
CHR9	11217632	CHR9:11217632	SSF x Near_LoA	-7,5836743	0,097	0,315
CHR9	11273736	CHR9:11273736	SSF x Near_LoA	-10,5348313	-0,054	0,320
CHR9	11273752	CHR9:11273752	SSF x Near_LoA	-11,4144337	-0,033	0,295
CHR9	11273867	CHR9:11273867	SSF x Near_LoA	-9,50764316	-0,052	0,306
CHR9	11273901	CHR9:11273901	SSF x Near_LoA	-7,29873588	0,014	0,317
CHR9	11273925	CHR9:11273925	SSF x Near_LoA	-9,22126704	0,067	0,314
CHR9	11273931	CHR9:11273931	SSF x Near_LoA	-7,66439501	-0,072	0,310
CHR9	11285568	CHR9:11285568	SSF x Near_LoA	-10,9268819	-0,035	0,303
CHR9	11285571	CHR9:11285571	SSF x Near_LoA	-9,49514043	-0,055	0,309
CHR9	11285626	CHR9:11285626	SSF x Near_LoA	-9,57876489	0,162	0,300
CHR9	11285677	CHR9:11285677	SSF x Near_LoA	-8,53269254	-0,138	0,300
CHR9	11285753	CHR9:11285753	SSF x Near_LoA	-7,56242726	-0,039	0,311

CHR9	11285786	CHR9:11285786	SSF x Near_LoA	-10,8004456	-0,047	0,294
CHR9	11302889	CHR9:11302889	SSF x Near_LoA	-11,5658161	-0,010	0,304
CHR9	11302912	CHR9:11302912	SSF x Near_LoA	-7,69698789	-0,107	0,309
CHR9	11302924	CHR9:11302924	SSF x Near_LoA	-7,76591964	0,081	0,312
CHR9	11302942	CHR9:11302942	SSF x Near_LoA	-9,77932792	0,005	0,302
CHR9	11302989	CHR9:11302989	SSF x Near_LoA	-8,13507034	0,050	0,318
CHR9	11303020	CHR9:11303020	SSF x Near_LoA	-10,4727731	-0,068	0,313
CHR9	1130629	CHR9:1130629	SSF x Near_LoA	-8,88324065	0,126	0,307
CHR9	1130739	CHR9:1130739	SSF x Near_LoA	-9,1984596	-0,006	0,319
CHR9	1130785	CHR9:1130785	SSF x Near_LoA	-4,38901126	0,039	0,297
CHR9	11334071	CHR9:11334071	SSF x Near_LoA	-12,0550222	0,052	0,300
CHR9	11349800	CHR9:11349800	SSF x Near_LoA	-9,12745099	0,094	0,322
CHR9	11349837	CHR9:11349837	SSF x Near_LoA	-9,25367411	0,000	0,315
CHR9	11349886	CHR9:11349886	SSF x Near_LoA	-8,97323435	-0,009	0,312
CHR9	11349904	CHR9:11349904	SSF x Near_LoA	-7,51104509	0,155	0,299
CHR9	11349970	CHR9:11349970	SSF x Near_LoA	-10,400652	-0,116	0,303
CHR9	11351171	CHR9:11351171	SSF x Near_LoA	-10,9736197	-0,014	0,297
CHR9	11351172	CHR9:11351172	SSF x Near_LoA	-9,79366007	0,097	0,311
CHR9	11364914	CHR9:11364914	SSF x Near_LoA	-9,36465955	0,036	0,310
CHR9	11368681	CHR9:11368681	SSF x Near_LoA	-8,74346585	0,065	0,303
CHR9	11368760	CHR9:11368760	SSF x Near_LoA	-8,84916225	-0,004	0,308
CHR9	11368793	CHR9:11368793	SSF x Near_LoA	-10,2960245	0,067	0,314
CHR9	11368875	CHR9:11368875	SSF x Near_LoA	-7,06463778	0,181	0,302
CHR9	11368891	CHR9:11368891	SSF x Near_LoA	-8,56537461	-0,053	0,308
CHR9	11368907	CHR9:11368907	SSF x Near_LoA	-8,65640493	0,024	0,312
CHR9	11372310	CHR9:11372310	SSF x Near_LoA	-11,0440411	0,032	0,315
CHR9	11372334	CHR9:11372334	SSF x Near_LoA	-10,8299183	-0,011	0,321
CHR9	11372349	CHR9:11372349	SSF x Near_LoA	-11,9459509	-0,001	0,305
CHR9	11372376	CHR9:11372376	SSF x Near_LoA	-11,6405444	-0,077	0,303
CHR9	11372378	CHR9:11372378	SSF x Near_LoA	-7,03994474	-0,112	0,315
CHR9	11372393	CHR9:11372393	SSF x Near_LoA	-10,1587986	0,010	0,317
CHR9	11376411	CHR9:11376411	SSF x Near_LoA	-10,7325009	0,014	0,306
CHR9	11376435	CHR9:11376435	SSF x Near_LoA	-10,5345974	-0,018	0,320
CHR9	11376521	CHR9:11376521	SSF x Near_LoA	-9,36012636	0,032	0,306
CHR9	11376615	CHR9:11376615	SSF x Near_LoA	-8,74005684	-0,051	0,307
CHR9	11376680	CHR9:11376680	SSF x Near_LoA	-11,5355216	-0,001	0,300
CHR9	11383318	CHR9:11383318	SSF x Near_LoA	-4,38146738	-0,121	0,309
CHR9	11383569	CHR9:11383569	SSF x Near_LoA	-9,22967933	-0,031	0,297
CHR9	11387880	CHR9:11387880	SSF x Near_LoA	-9,03378196	0,006	0,303
CHR9	11387932	CHR9:11387932	SSF x Near_LoA	-3,24936822	0,199	0,289
CHR9	11392029	CHR9:11392029	SSF x Near_LoA	-12,0395547	0,003	0,309
CHR9	11392099	CHR9:11392099	SSF x Near_LoA	-11,296198	0,013	0,316
CHR9	11393418	CHR9:11393418	SSF x Near_LoA	-10,4040378	0,059	0,309
CHR9	11393431	CHR9:11393431	SSF x Near_LoA	-9,13886541	0,039	0,331
CHR9	11393432	CHR9:11393432	SSF x Near_LoA	-7,37397703	0,109	0,300
CHR9	11393450	CHR9:11393450	SSF x Near_LoA	-8,63317466	0,022	0,310
CHR9	11393857	CHR9:11393857	SSF x Near_LoA	-8,94500746	0,100	0,298
CHR9	11393911	CHR9:11393911	SSF x Near_LoA	-9,55855032	0,012	0,320
CHR9	11393926	CHR9:11393926	SSF x Near_LoA	-11,4145973	-0,031	0,307
CHR9	11393930	CHR9:11393930	SSF x Near_LoA	-12,3553541	0,000	0,299
CHR9	11393965	CHR9:11393965	SSF x Near_LoA	-9,35167295	-0,004	0,291
CHR9	11393967	CHR9:11393967	SSF x Near_LoA	-11,2680931	0,011	0,314
CHR9	11399544	CHR9:11399544	SSF x Near_LoA	-11,1267542	-0,029	0,309

CHR9	11399613	CHR9:11399613	SSF x Near_LoA	-9,17308323	0,032	0,317
CHR9	11406191	CHR9:11406191	SSF x Near_LoA	-9,66401174	-0,009	0,315
CHR9	11406278	CHR9:11406278	SSF x Near_LoA	-7,15777811	-0,136	0,312
CHR9	11406561	CHR9:11406561	SSF x Near_LoA	-4,81759356	0,147	0,298
CHR9	11406577	CHR9:11406577	SSF x Near_LoA	-10,3073214	-0,090	0,316
CHR9	11406605	CHR9:11406605	SSF x Near_LoA	-8,12271548	0,113	0,302
CHR9	11406618	CHR9:11406618	SSF x Near_LoA	-9,16297667	-0,052	0,290
CHR9	11406619	CHR9:11406619	SSF x Near_LoA	-8,3210756	-0,067	0,293
CHR9	11406620	CHR9:11406620	SSF x Near_LoA	-8,26586675	-0,092	0,310
CHR9	11413581	CHR9:11413581	SSF x Near_LoA	-10,8416426	-0,085	0,298
CHR9	11416927	CHR9:11416927	SSF x Near_LoA	-10,7893362	0,054	0,309
CHR9	11416929	CHR9:11416929	SSF x Near_LoA	-9,12550683	0,056	0,314
CHR9	11417019	CHR9:11417019	SSF x Near_LoA	-10,7131011	-0,082	0,304
CHR9	11424341	CHR9:11424341	SSF x Near_LoA	-10,7962729	-0,010	0,316
CHR9	11428718	CHR9:11428718	SSF x Near_LoA	-10,8664668	-0,045	0,306
CHR9	11428739	CHR9:11428739	SSF x Near_LoA	-9,27224471	0,033	0,312
CHR9	11428749	CHR9:11428749	SSF x Near_LoA	-8,99547703	0,035	0,326
CHR9	11446936	CHR9:11446936	SSF x Near_LoA	-11,7589818	0,013	0,293
CHR9	11446956	CHR9:11446956	SSF x Near_LoA	-9,08653363	-0,071	0,296
CHR9	11450733	CHR9:11450733	SSF x Near_LoA	-7,31391105	-0,032	0,313
CHR9	11450785	CHR9:11450785	SSF x Near_LoA	-10,861385	-0,030	0,300
CHR9	11450791	CHR9:11450791	SSF x Near_LoA	-7,81235943	-0,021	0,330
CHR9	11450891	CHR9:11450891	SSF x Near_LoA	-11,4135106	0,070	0,300
CHR9	11450914	CHR9:11450914	SSF x Near_LoA	-11,6380422	0,013	0,303
CHR9	11450935	CHR9:11450935	SSF x Near_LoA	-9,21240449	0,010	0,316
CHR9	11450966	CHR9:11450966	SSF x Near_LoA	-8,27019892	0,023	0,306
CHR9	11450996	CHR9:11450996	SSF x Near_LoA	-8,19197016	0,029	0,320
CHR9	11457079	CHR9:11457079	SSF x Near_LoA	-8,1752499	0,114	0,297
CHR9	11457107	CHR9:11457107	SSF x Near_LoA	-9,42635652	0,005	0,300
CHR9	11464472	CHR9:11464472	SSF x Near_LoA	-9,46626377	-0,018	0,312
CHR9	11464480	CHR9:11464480	SSF x Near_LoA	-9,38047185	-0,084	0,315
CHR9	11466022	CHR9:11466022	SSF x Near_LoA	-9,68982811	-0,012	0,315
CHR9	11466071	CHR9:11466071	SSF x Near_LoA	-8,22614102	0,177	0,300
CHR9	11466239	CHR9:11466239	SSF x Near_LoA	-7,54420103	0,002	0,313
CHR9	11466263	CHR9:11466263	SSF x Near_LoA	-10,9886442	-0,043	0,321
CHR9	11477062	CHR9:11477062	SSF x Near_LoA	-9,57982321	0,031	0,319
CHR9	11477068	CHR9:11477068	SSF x Near_LoA	-10,5879908	0,104	0,304
CHR9	1148002	CHR9:1148002	SSF x Near_LoA	-6,62500153	-0,065	0,310
CHR9	11488837	CHR9:11488837	SSF x Near_LoA	-8,56504537	0,028	0,307
CHR9	11489286	CHR9:11489286	SSF x Near_LoA	-9,49099201	0,015	0,304
CHR9	11489300	CHR9:11489300	SSF x Near_LoA	-8,33675349	-0,021	0,305
CHR9	11489310	CHR9:11489310	SSF x Near_LoA	-9,10000355	-0,030	0,311
CHR9	11489312	CHR9:11489312	SSF x Near_LoA	-9,56090201	0,114	0,297
CHR9	11489344	CHR9:11489344	SSF x Near_LoA	-8,64905425	-0,014	0,322
CHR9	1149143	CHR9:1149143	SSF x Near_LoA	-9,69718081	-0,026	0,299
CHR9	1149168	CHR9:1149168	SSF x Near_LoA	-11,386376	0,054	0,317
CHR9	11504266	CHR9:11504266	SSF x Near_LoA	-10,7484952	0,020	0,311
CHR9	11506396	CHR9:11506396	SSF x Near_LoA	-10,2947576	-0,002	0,315
CHR9	11506415	CHR9:11506415	SSF x Near_LoA	-10,7702838	-0,057	0,314
CHR9	11506428	CHR9:11506428	SSF x Near_LoA	-10,3214382	-0,042	0,313
CHR9	11506429	CHR9:11506429	SSF x Near_LoA	-9,80223434	0,005	0,301
CHR9	11506445	CHR9:11506445	SSF x Near_LoA	-10,5944853	-0,031	0,309
CHR9	11508250	CHR9:11508250	SSF x Near_LoA	-11,8809881	-0,016	0,298

CHR9	11508282	CHR9:11508282	SSF x Near_LoA	-9,62201408	0,022	0,303
CHR9	11508303	CHR9:11508303	SSF x Near_LoA	-9,16953817	0,071	0,300
CHR9	11508427	CHR9:11508427	SSF x Near_LoA	-9,62105487	-0,032	0,292
CHR9	11529435	CHR9:11529435	SSF x Near_LoA	-7,25476848	0,103	0,301
CHR9	11529455	CHR9:11529455	SSF x Near_LoA	-9,95788062	0,054	0,323
CHR9	11529497	CHR9:11529497	SSF x Near_LoA	-9,33519336	-0,037	0,302
CHR9	11530007	CHR9:11530007	SSF x Near_LoA	-8,04385829	-0,116	0,308
CHR9	11535236	CHR9:11535236	SSF x Near_LoA	-7,89871705	0,112	0,307
CHR9	11541038	CHR9:11541038	SSF x Near_LoA	-3,05426938	0,192	0,301
CHR9	11541065	CHR9:11541065	SSF x Near_LoA	-7,35814148	0,079	0,304
CHR9	11541093	CHR9:11541093	SSF x Near_LoA	-9,06233618	0,042	0,304
CHR9	11543881	CHR9:11543881	SSF x Near_LoA	-8,88108453	-0,018	0,306
CHR9	11544820	CHR9:11544820	SSF x Near_LoA	-8,0153254	-0,024	0,326
CHR9	11545623	CHR9:11545623	SSF x Near_LoA	-9,61050691	0,063	0,302
CHR9	11545665	CHR9:11545665	SSF x Near_LoA	-8,5291574	0,024	0,311
CHR9	1155056	CHR9:1155056	SSF x Near_LoA	-8,36495335	-0,091	0,301
CHR9	11553736	CHR9:11553736	SSF x Near_LoA	-10,1907763	0,014	0,296
CHR9	11553767	CHR9:11553767	SSF x Near_LoA	-8,82796844	0,029	0,308
CHR9	11553919	CHR9:11553919	SSF x Near_LoA	-9,2932461	-0,065	0,291
CHR9	11553920	CHR9:11553920	SSF x Near_LoA	-10,9637611	-0,037	0,306
CHR9	11553932	CHR9:11553932	SSF x Near_LoA	-3,41194894	-0,015	0,318
CHR9	1155443	CHR9:1155443	SSF x Near_LoA	-8,23140337	0,133	0,312
CHR9	1155491	CHR9:1155491	SSF x Near_LoA	-9,42577414	0,075	0,297
CHR9	11556555	CHR9:11556555	SSF x Near_LoA	-11,4927285	0,031	0,309
CHR9	11556610	CHR9:11556610	SSF x Near_LoA	-10,6460375	0,077	0,315
CHR9	11564604	CHR9:11564604	SSF x Near_LoA	-8,33909297	-0,052	0,321
CHR9	11564638	CHR9:11564638	SSF x Near_LoA	-6,80978412	0,162	0,294
CHR9	11564662	CHR9:11564662	SSF x Near_LoA	-11,0867432	-0,033	0,300
CHR9	11564742	CHR9:11564742	SSF x Near_LoA	-11,0887178	0,008	0,304
CHR9	11564746	CHR9:11564746	SSF x Near_LoA	-10,0476065	0,048	0,291
CHR9	11564751	CHR9:11564751	SSF x Near_LoA	-9,95102494	-0,014	0,319
CHR9	11568781	CHR9:11568781	SSF x Near_LoA	-7,64128115	-0,133	0,307
CHR9	11568830	CHR9:11568830	SSF x Near_LoA	-8,42365221	-0,140	0,304
CHR9	11568857	CHR9:11568857	SSF x Near_LoA	-4,44850861	-0,145	0,295
CHR9	11568886	CHR9:11568886	SSF x Near_LoA	-7,99501359	0,021	0,318
CHR9	11569644	CHR9:11569644	SSF x Near_LoA	-10,6443094	-0,045	0,308
CHR9	11569659	CHR9:11569659	SSF x Near_LoA	-8,92412243	-0,066	0,308
CHR9	11575169	CHR9:11575169	SSF x Near_LoA	-0,50835814	-0,195	0,299
CHR9	11575207	CHR9:11575207	SSF x Near_LoA	-10,8522741	0,005	0,307
CHR9	11575233	CHR9:11575233	SSF x Near_LoA	-10,8845672	-0,029	0,301
CHR9	11575283	CHR9:11575283	SSF x Near_LoA	-6,94512385	-0,100	0,318
CHR9	11582363	CHR9:11582363	SSF x Near_LoA	-9,82255841	0,035	0,296
CHR9	11582429	CHR9:11582429	SSF x Near_LoA	-11,4187306	-0,095	0,314
CHR9	11582590	CHR9:11582590	SSF x Near_LoA	-10,3811989	-0,079	0,313
CHR9	11582620	CHR9:11582620	SSF x Near_LoA	-8,6576244	-0,019	0,310
CHR9	11595201	CHR9:11595201	SSF x Near_LoA	-9,84461416	0,054	0,295
CHR9	11595241	CHR9:11595241	SSF x Near_LoA	-9,75980695	0,044	0,321
CHR9	11595282	CHR9:11595282	SSF x Near_LoA	-10,094208	-0,041	0,301
CHR9	11595283	CHR9:11595283	SSF x Near_LoA	-8,50380084	-0,063	0,320
CHR9	11595284	CHR9:11595284	SSF x Near_LoA	-10,7002497	-0,043	0,299
CHR9	11595354	CHR9:11595354	SSF x Near_LoA	-7,12040859	-0,100	0,304
CHR9	11595400	CHR9:11595400	SSF x Near_LoA	-9,78529209	0,111	0,305
CHR9	11595454	CHR9:11595454	SSF x Near_LoA	-10,2559303	-0,020	0,296

CHR9	11624339	CHR9:11624339	SSF x Near_LoA	-10,7982445	0,135	0,302
CHR9	11626054	CHR9:11626054	SSF x Near_LoA	-10,8162477	0,066	0,297
CHR9	11626077	CHR9:11626077	SSF x Near_LoA	-7,52000931	-0,013	0,301
CHR9	11626234	CHR9:11626234	SSF x Near_LoA	-9,08134918	0,054	0,318
CHR9	11626247	CHR9:11626247	SSF x Near_LoA	-9,33278552	-0,005	0,301
CHR9	11630009	CHR9:11630009	SSF x Near_LoA	-9,83903183	0,045	0,295
CHR9	11630138	CHR9:11630138	SSF x Near_LoA	-11,3813756	-0,010	0,286
CHR9	11630223	CHR9:11630223	SSF x Near_LoA	-10,490447	-0,022	0,298
CHR9	11630229	CHR9:11630229	SSF x Near_LoA	-9,24139766	0,006	0,304
CHR9	11632358	CHR9:11632358	SSF x Near_LoA	-9,86595371	0,015	0,312
CHR9	11632429	CHR9:11632429	SSF x Near_LoA	-8,90641441	-0,053	0,317
CHR9	11638497	CHR9:11638497	SSF x Near_LoA	-8,20782671	0,158	0,305
CHR9	11638594	CHR9:11638594	SSF x Near_LoA	-7,31394161	-0,133	0,315
CHR9	11641967	CHR9:11641967	SSF x Near_LoA	-9,96100653	-0,005	0,305
CHR9	11642008	CHR9:11642008	SSF x Near_LoA	-10,9280947	0,050	0,312
CHR9	11644593	CHR9:11644593	SSF x Near_LoA	-2,68081697	-0,033	0,304
CHR9	11645988	CHR9:11645988	SSF x Near_LoA	-7,94869554	0,021	0,317
CHR9	11646074	CHR9:11646074	SSF x Near_LoA	-9,69412435	-0,031	0,309
CHR9	11651872	CHR9:11651872	SSF x Near_LoA	-9,07243116	-0,143	0,302
CHR9	11651873	CHR9:11651873	SSF x Near_LoA	-6,86769564	-0,165	0,308
CHR9	11652204	CHR9:11652204	SSF x Near_LoA	-7,92608161	0,000	0,303
CHR9	11657248	CHR9:11657248	SSF x Near_LoA	-6,3141765	-0,034	0,314
CHR9	11674358	CHR9:11674358	SSF x Near_LoA	-9,15265384	0,026	0,314
CHR9	11674526	CHR9:11674526	SSF x Near_LoA	-5,53327585	0,039	0,316
CHR9	11674557	CHR9:11674557	SSF x Near_LoA	-8,78268268	0,102	0,293
CHR9	11674563	CHR9:11674563	SSF x Near_LoA	-9,00569264	0,084	0,296
CHR9	11674597	CHR9:11674597	SSF x Near_LoA	-3,82834522	-0,006	0,313
CHR9	11674602	CHR9:11674602	SSF x Near_LoA	-9,91647766	-0,021	0,321
CHR9	11678562	CHR9:11678562	SSF x Near_LoA	-7,04176003	-0,025	0,312
CHR9	11678777	CHR9:11678777	SSF x Near_LoA	-8,21744717	0,026	0,301
CHR9	1167889	CHR9:1167889	SSF x Near_LoA	-9,09959305	0,018	0,295
CHR9	11683489	CHR9:11683489	SSF x Near_LoA	-10,7562081	0,034	0,301
CHR9	11683561	CHR9:11683561	SSF x Near_LoA	-6,76776864	-0,151	0,304
CHR9	1169214	CHR9:1169214	SSF x Near_LoA	-7,42608817	-0,037	0,316
CHR9	1169224	CHR9:1169224	SSF x Near_LoA	-7,66142851	-0,092	0,280
CHR9	1169281	CHR9:1169281	SSF x Near_LoA	-9,20982043	-0,032	0,298
CHR9	11693235	CHR9:11693235	SSF x Near_LoA	-9,15108852	-0,134	0,298
CHR9	11693251	CHR9:11693251	SSF x Near_LoA	-7,99768573	0,102	0,296
CHR9	11693273	CHR9:11693273	SSF x Near_LoA	-7,50991254	-0,116	0,319
CHR9	1169363	CHR9:1169363	SSF x Near_LoA	-10,4178983	0,027	0,314
CHR9	11698360	CHR9:11698360	SSF x Near_LoA	-8,44376858	-0,060	0,322
CHR9	11698447	CHR9:11698447	SSF x Near_LoA	-10,5157265	0,057	0,297
CHR9	11698465	CHR9:11698465	SSF x Near_LoA	-6,91783993	-0,100	0,314
CHR9	11707660	CHR9:11707660	SSF x Near_LoA	-9,23977968	-0,088	0,312
CHR9	11707710	CHR9:11707710	SSF x Near_LoA	-6,77478798	0,002	0,299
CHR9	11707733	CHR9:11707733	SSF x Near_LoA	-9,27781008	-0,014	0,306
CHR9	11707741	CHR9:11707741	SSF x Near_LoA	-10,4270637	0,057	0,290
CHR9	11707809	CHR9:11707809	SSF x Near_LoA	-11,7445786	-0,047	0,293
CHR9	11709385	CHR9:11709385	SSF x Near_LoA	-9,61234575	0,097	0,309
CHR9	11709391	CHR9:11709391	SSF x Near_LoA	-8,46485779	0,175	0,297
CHR9	11709398	CHR9:11709398	SSF x Near_LoA	-7,54786162	-0,181	0,307
CHR9	11709411	CHR9:11709411	SSF x Near_LoA	-8,96368504	0,042	0,309
CHR9	11709481	CHR9:11709481	SSF x Near_LoA	2,0707075	-0,142	0,296

CHR9	11709513	CHR9:11709513	SSF x Near_LoA	-7,6963441	0,029	0,311
CHR9	11709530	CHR9:11709530	SSF x Near_LoA	-8,15503296	-0,114	0,294
CHR9	11709621	CHR9:11709621	SSF x Near_LoA	-7,69975393	0,065	0,303
CHR9	11709649	CHR9:11709649	SSF x Near_LoA	-9,37061097	0,007	0,279
CHR9	11709654	CHR9:11709654	SSF x Near_LoA	-7,10652779	0,030	0,304
CHR9	11718311	CHR9:11718311	SSF x Near_LoA	-10,0967515	-0,017	0,307
CHR9	11718337	CHR9:11718337	SSF x Near_LoA	-9,58427519	0,016	0,311
CHR9	11718379	CHR9:11718379	SSF x Near_LoA	-10,5072263	0,066	0,307
CHR9	11724939	CHR9:11724939	SSF x Near_LoA	-9,33078379	-0,014	0,306
CHR9	11725110	CHR9:11725110	SSF x Near_LoA	-8,84076151	0,001	0,312
CHR9	11755058	CHR9:11755058	SSF x Near_LoA	-10,0661097	0,015	0,300
CHR9	11755077	CHR9:11755077	SSF x Near_LoA	-10,0022935	0,033	0,313
CHR9	11755126	CHR9:11755126	SSF x Near_LoA	-10,4277204	0,044	0,293
CHR9	11755173	CHR9:11755173	SSF x Near_LoA	-8,26972691	0,034	0,309
CHR9	11755282	CHR9:11755282	SSF x Near_LoA	-7,5938226	0,106	0,294
CHR9	11757602	CHR9:11757602	SSF x Near_LoA	-10,4002874	0,120	0,303
CHR9	11757657	CHR9:11757657	SSF x Near_LoA	-3,35737931	0,010	0,307
CHR9	11757661	CHR9:11757661	SSF x Near_LoA	-9,76440457	0,018	0,293
CHR9	11757718	CHR9:11757718	SSF x Near_LoA	-9,28444032	0,010	0,293
CHR9	11771548	CHR9:11771548	SSF x Near_LoA	-9,40427447	0,041	0,312
CHR9	11771637	CHR9:11771637	SSF x Near_LoA	-10,195176	-0,117	0,302
CHR9	11771642	CHR9:11771642	SSF x Near_LoA	-7,58964876	-0,154	0,292
CHR9	11771650	CHR9:11771650	SSF x Near_LoA	-2,85276965	-0,102	0,307
CHR9	11771652	CHR9:11771652	SSF x Near_LoA	-6,85872478	-0,127	0,305
CHR9	11771688	CHR9:11771688	SSF x Near_LoA	-7,87000022	-0,076	0,304
CHR9	11771722	CHR9:11771722	SSF x Near_LoA	-8,48277269	-0,053	0,306
CHR9	11771769	CHR9:11771769	SSF x Near_LoA	-8,57331966	0,053	0,321
CHR9	11786606	CHR9:11786606	SSF x Near_LoA	-8,40529368	-0,034	0,309
CHR9	11786636	CHR9:11786636	SSF x Near_LoA	-8,80014388	-0,004	0,302
CHR9	11786659	CHR9:11786659	SSF x Near_LoA	-10,2255487	0,119	0,311
CHR9	11787380	CHR9:11787380	SSF x Near_LoA	-10,950934	-0,021	0,298
CHR9	11791468	CHR9:11791468	SSF x Near_LoA	-6,9550729	-0,100	0,311
CHR9	11791478	CHR9:11791478	SSF x Near_LoA	-9,42536413	0,049	0,307
CHR9	11791655	CHR9:11791655	SSF x Near_LoA	-7,01332498	0,138	0,302
CHR9	11791674	CHR9:11791674	SSF x Near_LoA	-8,07045358	-0,056	0,305
CHR9	11799362	CHR9:11799362	SSF x Near_LoA	-9,95651588	-0,022	0,306
CHR9	11803378	CHR9:11803378	SSF x Near_LoA	-11,0041897	-0,007	0,308
CHR9	11807964	CHR9:11807964	SSF x Near_LoA	-8,51122387	0,171	0,302
CHR9	11808107	CHR9:11808107	SSF x Near_LoA	-8,13769296	0,137	0,308
CHR9	11811468	CHR9:11811468	SSF x Near_LoA	-11,8921186	-0,041	0,303
CHR9	11845335	CHR9:11845335	SSF x Near_LoA	-8,20888765	-0,149	0,304
CHR9	11845365	CHR9:11845365	SSF x Near_LoA	-8,5815257	-0,201	0,304
CHR9	11845379	CHR9:11845379	SSF x Near_LoA	-8,24766592	-0,170	0,302
CHR9	11845389	CHR9:11845389	SSF x Near_LoA	-11,2685116	0,053	0,305
CHR9	11845488	CHR9:11845488	SSF x Near_LoA	-7,54434916	-0,110	0,320
CHR9	11853929	CHR9:11853929	SSF x Near_LoA	-5,67359487	-0,014	0,314
CHR9	11854062	CHR9:11854062	SSF x Near_LoA	-11,0731242	-0,027	0,301
CHR9	11854103	CHR9:11854103	SSF x Near_LoA	-10,120916	0,095	0,310
CHR9	11854109	CHR9:11854109	SSF x Near_LoA	-11,165889	0,064	0,298
CHR9	11854140	CHR9:11854140	SSF x Near_LoA	-10,5529192	0,096	0,302
CHR9	11854238	CHR9:11854238	SSF x Near_LoA	-11,3744496	0,044	0,310
CHR9	11857863	CHR9:11857863	SSF x Near_LoA	-8,82234153	-0,007	0,322
CHR9	11857952	CHR9:11857952	SSF x Near_LoA	-10,6974622	0,061	0,305

CHR9	11862235	CHR9:11862235	SSF x Near_LoA	-10,4119381	0,006	0,302
CHR9	11862384	CHR9:11862384	SSF x Near_LoA	-9,3459256	-0,042	0,305
CHR9	11862386	CHR9:11862386	SSF x Near_LoA	-7,98622623	-0,089	0,303
CHR9	11874829	CHR9:11874829	SSF x Near_LoA	-10,3402892	0,072	0,319
CHR9	11874907	CHR9:11874907	SSF x Near_LoA	-8,38352172	-0,056	0,309
CHR9	11886740	CHR9:11886740	SSF x Near_LoA	-6,23394792	-0,046	0,319
CHR9	1189082	CHR9:1189082	SSF x Near_LoA	-10,9961178	0,085	0,291
CHR9	1189160	CHR9:1189160	SSF x Near_LoA	-10,6449182	-0,126	0,320
CHR9	1189330	CHR9:1189330	SSF x Near_LoA	-3,47289826	-0,126	0,295
CHR9	11896054	CHR9:11896054	SSF x Near_LoA	-10,1200547	0,045	0,312
CHR9	11896068	CHR9:11896068	SSF x Near_LoA	-7,10937293	-0,069	0,307
CHR9	11896161	CHR9:11896161	SSF x Near_LoA	-9,35537511	-0,098	0,301
CHR9	11899973	CHR9:11899973	SSF x Near_LoA	-9,56959039	-0,011	0,310
CHR9	11910907	CHR9:11910907	SSF x Near_LoA	-10,6425288	-0,051	0,302
CHR9	11910968	CHR9:11910968	SSF x Near_LoA	-10,0156365	0,044	0,308
CHR9	11911069	CHR9:11911069	SSF x Near_LoA	-10,7594389	-0,050	0,304
CHR9	1191207	CHR9:1191207	SSF x Near_LoA	-7,20728687	-0,041	0,311
CHR9	1191268	CHR9:1191268	SSF x Near_LoA	-8,65832903	-0,054	0,301
CHR9	11913959	CHR9:11913959	SSF x Near_LoA	-8,94883574	0,064	0,308
CHR9	11919945	CHR9:11919945	SSF x Near_LoA	-6,42793463	-0,024	0,291
CHR9	11920060	CHR9:11920060	SSF x Near_LoA	-9,17376639	-0,062	0,304
CHR9	11949135	CHR9:11949135	SSF x Near_LoA	-11,6946053	0,001	0,294
CHR9	11952317	CHR9:11952317	SSF x Near_LoA	-8,61213346	0,068	0,305
CHR9	11952350	CHR9:11952350	SSF x Near_LoA	-11,2912123	0,056	0,320
CHR9	11968498	CHR9:11968498	SSF x Near_LoA	-4,33228172	-0,172	0,307
CHR9	11971430	CHR9:11971430	SSF x Near_LoA	-4,9235404	0,098	0,295
CHR9	11971442	CHR9:11971442	SSF x Near_LoA	-8,02054476	0,090	0,294
CHR9	11980611	CHR9:11980611	SSF x Near_LoA	-9,80304038	-0,009	0,306
CHR9	11987326	CHR9:11987326	SSF x Near_LoA	-9,74819783	-0,088	0,302
CHR9	11994832	CHR9:11994832	SSF x Near_LoA	-10,6693171	-0,010	0,313
CHR9	12009827	CHR9:12009827	SSF x Near_LoA	-7,73583783	-0,056	0,313
CHR9	12009847	CHR9:12009847	SSF x Near_LoA	-9,55875413	-0,073	0,311
CHR9	12010009	CHR9:12010009	SSF x Near_LoA	-10,4634018	0,016	0,313
CHR9	1201601	CHR9:1201601	SSF x Near_LoA	-12,0468385	0,069	0,318
CHR9	12018251	CHR9:12018251	SSF x Near_LoA	-6,75340152	0,143	0,306
CHR9	1201838	CHR9:1201838	SSF x Near_LoA	-10,3702354	-0,019	0,325
CHR9	1201842	CHR9:1201842	SSF x Near_LoA	-10,330251	-0,008	0,302
CHR9	12023461	CHR9:12023461	SSF x Near_LoA	-8,24347227	-0,144	0,313
CHR9	12023612	CHR9:12023612	SSF x Near_LoA	-10,3301976	0,042	0,309
CHR9	12032651	CHR9:12032651	SSF x Near_LoA	-11,6445106	-0,011	0,303
CHR9	12037988	CHR9:12037988	SSF x Near_LoA	-8,32898122	-0,044	0,299
CHR9	12038033	CHR9:12038033	SSF x Near_LoA	-8,18430826	-0,050	0,320
CHR9	12038092	CHR9:12038092	SSF x Near_LoA	-9,31154065	0,037	0,303
CHR9	12038118	CHR9:12038118	SSF x Near_LoA	-11,2224063	0,015	0,313
CHR9	12038224	CHR9:12038224	SSF x Near_LoA	-7,51851819	-0,054	0,304
CHR9	12038280	CHR9:12038280	SSF x Near_LoA	-8,92062265	-0,059	0,310
CHR9	12038320	CHR9:12038320	SSF x Near_LoA	-8,66279865	0,018	0,313
CHR9	12045361	CHR9:12045361	SSF x Near_LoA	-11,4520235	-0,062	0,312
CHR9	12045459	CHR9:12045459	SSF x Near_LoA	-11,0562015	-0,007	0,302
CHR9	12045801	CHR9:12045801	SSF x Near_LoA	-10,9542975	-0,001	0,310
CHR9	12045807	CHR9:12045807	SSF x Near_LoA	-11,1602281	0,010	0,310
CHR9	12048140	CHR9:12048140	SSF x Near_LoA	-11,0253674	-0,089	0,311
CHR9	12048148	CHR9:12048148	SSF x Near_LoA	-7,28955281	0,088	0,310

CHR9	12048155	CHR9:12048155	SSF x Near_LoA	-10,0598122	-0,024	0,300
CHR9	12048180	CHR9:12048180	SSF x Near_LoA	-8,88387642	0,038	0,308
CHR9	12048203	CHR9:12048203	SSF x Near_LoA	-6,04446346	-0,057	0,313
CHR9	12048237	CHR9:12048237	SSF x Near_LoA	-11,356653	0,018	0,299
CHR9	12048239	CHR9:12048239	SSF x Near_LoA	-10,1390112	0,013	0,306
CHR9	12048304	CHR9:12048304	SSF x Near_LoA	-10,5199579	0,098	0,301
CHR9	12048310	CHR9:12048310	SSF x Near_LoA	-10,4489308	-0,027	0,309
CHR9	12048311	CHR9:12048311	SSF x Near_LoA	-6,26544818	-0,133	0,308
CHR9	12048320	CHR9:12048320	SSF x Near_LoA	-10,1575658	-0,033	0,318
CHR9	12048321	CHR9:12048321	SSF x Near_LoA	-7,88557699	-0,125	0,312
CHR9	12052904	CHR9:12052904	SSF x Near_LoA	-6,98055226	0,079	0,309
CHR9	12052948	CHR9:12052948	SSF x Near_LoA	-8,60414583	0,004	0,306
CHR9	12052984	CHR9:12052984	SSF x Near_LoA	-7,76773525	0,186	0,292
CHR9	12068920	CHR9:12068920	SSF x Near_LoA	-8,0976471	0,021	0,318
CHR9	12068953	CHR9:12068953	SSF x Near_LoA	-8,76912405	-0,021	0,303
CHR9	12070465	CHR9:12070465	SSF x Near_LoA	-8,88942986	0,029	0,310
CHR9	12070466	CHR9:12070466	SSF x Near_LoA	-7,79416043	0,032	0,314
CHR9	12070500	CHR9:12070500	SSF x Near_LoA	-11,795228	-0,020	0,317
CHR9	12070509	CHR9:12070509	SSF x Near_LoA	-4,74223802	-0,072	0,303
CHR9	12070557	CHR9:12070557	SSF x Near_LoA	-8,89742327	0,007	0,313
CHR9	12077848	CHR9:12077848	SSF x Near_LoA	-8,73456101	-0,134	0,311
CHR9	12077909	CHR9:12077909	SSF x Near_LoA	-9,48429018	0,090	0,309
CHR9	12077946	CHR9:12077946	SSF x Near_LoA	-10,6681755	-0,010	0,311
CHR9	12078040	CHR9:12078040	SSF x Near_LoA	-5,66746893	-0,095	0,309
CHR9	12078052	CHR9:12078052	SSF x Near_LoA	-9,6422931	-0,074	0,309
CHR9	12078076	CHR9:12078076	SSF x Near_LoA	-5,81758485	-0,168	0,307
CHR9	12087352	CHR9:12087352	SSF x Near_LoA	-10,713104	-0,026	0,319
CHR9	12087373	CHR9:12087373	SSF x Near_LoA	-10,1542439	-0,073	0,306
CHR9	12087450	CHR9:12087450	SSF x Near_LoA	-6,4338831	0,043	0,304
CHR9	12087504	CHR9:12087504	SSF x Near_LoA	-10,808699	0,011	0,304
CHR9	12087529	CHR9:12087529	SSF x Near_LoA	-8,90920262	-0,134	0,306
CHR9	12087594	CHR9:12087594	SSF x Near_LoA	-10,7383611	-0,031	0,324
CHR9	12091629	CHR9:12091629	SSF x Near_LoA	-10,7882527	-0,029	0,306
CHR9	12099795	CHR9:12099795	SSF x Near_LoA	-11,1239379	-0,001	0,305
CHR9	12099820	CHR9:12099820	SSF x Near_LoA	-8,13883392	-0,033	0,303
CHR9	12099856	CHR9:12099856	SSF x Near_LoA	-11,1151521	0,021	0,291
CHR9	12099865	CHR9:12099865	SSF x Near_LoA	-8,34896819	0,003	0,324
CHR9	12099897	CHR9:12099897	SSF x Near_LoA	-7,85313846	-0,043	0,319
CHR9	12102821	CHR9:12102821	SSF x Near_LoA	-9,4856744	-0,073	0,299
CHR9	12115656	CHR9:12115656	SSF x Near_LoA	-9,40154401	-0,049	0,311
CHR9	12115691	CHR9:12115691	SSF x Near_LoA	-11,6065788	-0,012	0,307
CHR9	12115725	CHR9:12115725	SSF x Near_LoA	-8,15684975	-0,106	0,302
CHR9	12115743	CHR9:12115743	SSF x Near_LoA	-8,50823859	-0,034	0,307
CHR9	12124591	CHR9:12124591	SSF x Near_LoA	-8,17495407	-0,033	0,317
CHR9	12124617	CHR9:12124617	SSF x Near_LoA	-8,12048684	-0,011	0,311
CHR9	12124623	CHR9:12124623	SSF x Near_LoA	-10,5836768	-0,036	0,305
CHR9	12124632	CHR9:12124632	SSF x Near_LoA	-11,0651587	-0,030	0,297
CHR9	12128365	CHR9:12128365	SSF x Near_LoA	-11,0468029	0,004	0,318
CHR9	12128393	CHR9:12128393	SSF x Near_LoA	-11,4314436	-0,064	0,308
CHR9	12128395	CHR9:12128395	SSF x Near_LoA	-9,1619751	0,002	0,309
CHR9	12128446	CHR9:12128446	SSF x Near_LoA	-9,19390174	-0,098	0,292
CHR9	1213095	CHR9:1213095	SSF x Near_LoA	-9,61238325	-0,061	0,303
CHR9	12133337	CHR9:12133337	SSF x Near_LoA	-10,158445	-0,130	0,315

CHR9	12134373	CHR9:12134373	SSF x Near_LoA	-10,5902147	-0,017	0,307
CHR9	12134377	CHR9:12134377	SSF x Near_LoA	-10,576667	0,011	0,314
CHR9	12134492	CHR9:12134492	SSF x Near_LoA	-9,99296916	-0,122	0,296
CHR9	12134532	CHR9:12134532	SSF x Near_LoA	-8,11487405	0,083	0,296
CHR9	12134533	CHR9:12134533	SSF x Near_LoA	-7,8862799	0,051	0,308
CHR9	12146146	CHR9:12146146	SSF x Near_LoA	-7,56066869	-0,057	0,325
CHR9	12146191	CHR9:12146191	SSF x Near_LoA	-6,86469162	0,120	0,302
CHR9	12146312	CHR9:12146312	SSF x Near_LoA	-11,7161705	0,056	0,304
CHR9	1214688	CHR9:1214688	SSF x Near_LoA	-6,11517068	-0,096	0,304
CHR9	12163133	CHR9:12163133	SSF x Near_LoA	-7,81999617	-0,055	0,317
CHR9	12163150	CHR9:12163150	SSF x Near_LoA	-8,40858405	0,103	0,301
CHR9	12163175	CHR9:12163175	SSF x Near_LoA	-5,03140534	-0,019	0,310
CHR9	12185469	CHR9:12185469	SSF x Near_LoA	-3,18529329	0,128	0,311
CHR9	12185512	CHR9:12185512	SSF x Near_LoA	-9,97598454	-0,082	0,303
CHR9	12185545	CHR9:12185545	SSF x Near_LoA	-5,2485884	0,071	0,325
CHR9	12185578	CHR9:12185578	SSF x Near_LoA	-10,1768634	-0,060	0,304
CHR9	12185662	CHR9:12185662	SSF x Near_LoA	-4,97983982	0,018	0,318
CHR9	12185925	CHR9:12185925	SSF x Near_LoA	-7,26837774	0,040	0,309
CHR9	12185950	CHR9:12185950	SSF x Near_LoA	-7,70268882	-0,085	0,310
CHR9	12185975	CHR9:12185975	SSF x Near_LoA	-9,49683783	-0,107	0,309
CHR9	12186025	CHR9:12186025	SSF x Near_LoA	-8,01660096	-0,062	0,291
CHR9	12186044	CHR9:12186044	SSF x Near_LoA	-9,49082645	0,001	0,297
CHR9	12186055	CHR9:12186055	SSF x Near_LoA	-6,22907105	0,020	0,307
CHR9	12186056	CHR9:12186056	SSF x Near_LoA	-9,80515358	-0,045	0,307
CHR9	12191964	CHR9:12191964	SSF x Near_LoA	-9,72251984	-0,054	0,315
CHR9	12192025	CHR9:12192025	SSF x Near_LoA	-9,33193828	0,000	0,301
CHR9	12192049	CHR9:12192049	SSF x Near_LoA	-11,6214232	0,033	0,303
CHR9	12192210	CHR9:12192210	SSF x Near_LoA	-8,85226096	-0,043	0,307
CHR9	12198392	CHR9:12198392	SSF x Near_LoA	-7,60084552	0,121	0,305
CHR9	12198579	CHR9:12198579	SSF x Near_LoA	-11,926735	-0,002	0,293
CHR9	12198590	CHR9:12198590	SSF x Near_LoA	-8,55884847	0,116	0,300
CHR9	12217077	CHR9:12217077	SSF x Near_LoA	-6,18429356	-0,169	0,303
CHR9	12220742	CHR9:12220742	SSF x Near_LoA	-10,0235985	-0,009	0,307
CHR9	12220792	CHR9:12220792	SSF x Near_LoA	-8,17392246	-0,109	0,308
CHR9	12220807	CHR9:12220807	SSF x Near_LoA	-10,6331548	0,071	0,310
CHR9	12220811	CHR9:12220811	SSF x Near_LoA	-11,5278938	0,006	0,302
CHR9	12220844	CHR9:12220844	SSF x Near_LoA	-10,1324224	0,041	0,297
CHR9	12220847	CHR9:12220847	SSF x Near_LoA	-7,30685524	-0,109	0,319
CHR9	12220853	CHR9:12220853	SSF x Near_LoA	-8,09054886	0,089	0,305
CHR9	12220855	CHR9:12220855	SSF x Near_LoA	-9,32837511	0,036	0,310
CHR9	12231624	CHR9:12231624	SSF x Near_LoA	-8,64322772	-0,102	0,295
CHR9	12231636	CHR9:12231636	SSF x Near_LoA	-10,6474797	-0,009	0,300
CHR9	12231741	CHR9:12231741	SSF x Near_LoA	-10,8401083	0,026	0,306
CHR9	12240409	CHR9:12240409	SSF x Near_LoA	-10,5450552	0,086	0,310
CHR9	12240464	CHR9:12240464	SSF x Near_LoA	-8,71346054	-0,026	0,309
CHR9	12240508	CHR9:12240508	SSF x Near_LoA	-9,2209584	-0,034	0,306
CHR9	12240514	CHR9:12240514	SSF x Near_LoA	-8,95011922	-0,072	0,314
CHR9	12247043	CHR9:12247043	SSF x Near_LoA	-9,55125256	0,087	0,304
CHR9	12247045	CHR9:12247045	SSF x Near_LoA	-3,66762864	-0,057	0,307
CHR9	12247100	CHR9:12247100	SSF x Near_LoA	-9,0387365	0,071	0,315
CHR9	12247189	CHR9:12247189	SSF x Near_LoA	-10,9530806	0,043	0,308
CHR9	12258480	CHR9:12258480	SSF x Near_LoA	-6,28409652	0,157	0,307
CHR9	12258497	CHR9:12258497	SSF x Near_LoA	-9,38758499	-0,030	0,312

CHR9	12258601	CHR9:12258601	SSF x Near_LoA	-9,73787626	-0,025	0,308
CHR9	12258621	CHR9:12258621	SSF x Near_LoA	-10,8508495	-0,062	0,312
CHR9	12258723	CHR9:12258723	SSF x Near_LoA	-8,87376354	0,172	0,289
CHR9	1227663	CHR9:1227663	SSF x Near_LoA	-6,02769308	-0,093	0,304
CHR9	1227665	CHR9:1227665	SSF x Near_LoA	-8,95610734	0,106	0,315
CHR9	1227691	CHR9:1227691	SSF x Near_LoA	-7,73736764	-0,011	0,318
CHR9	1227733	CHR9:1227733	SSF x Near_LoA	-10,3375833	-0,023	0,316
CHR9	1227741	CHR9:1227741	SSF x Near_LoA	-11,0091327	0,072	0,310
CHR9	12291436	CHR9:12291436	SSF x Near_LoA	-9,47036208	0,032	0,287
CHR9	12291452	CHR9:12291452	SSF x Near_LoA	-9,43498005	0,082	0,306
CHR9	12291507	CHR9:12291507	SSF x Near_LoA	-7,14475519	-0,013	0,315
CHR9	12291529	CHR9:12291529	SSF x Near_LoA	-11,2139044	-0,003	0,315
CHR9	12291534	CHR9:12291534	SSF x Near_LoA	-9,0335885	0,062	0,311
CHR9	12291551	CHR9:12291551	SSF x Near_LoA	-9,31126474	-0,114	0,299
CHR9	12291576	CHR9:12291576	SSF x Near_LoA	-9,38505539	0,042	0,308
CHR9	12291699	CHR9:12291699	SSF x Near_LoA	-11,2264119	0,031	0,306
CHR9	1229223	CHR9:1229223	SSF x Near_LoA	-9,84252701	0,088	0,301
CHR9	1229490	CHR9:1229490	SSF x Near_LoA	-8,38000448	-0,088	0,300
CHR9	12298079	CHR9:12298079	SSF x Near_LoA	-8,58113563	-0,084	0,302
CHR9	12309819	CHR9:12309819	SSF x Near_LoA	-6,68803845	0,144	0,291
CHR9	12318158	CHR9:12318158	SSF x Near_LoA	-7,86931561	0,117	0,301
CHR9	12318171	CHR9:12318171	SSF x Near_LoA	-9,13720981	0,000	0,298
CHR9	12318188	CHR9:12318188	SSF x Near_LoA	-9,89916085	0,011	0,305
CHR9	12318250	CHR9:12318250	SSF x Near_LoA	-10,2700911	0,018	0,301
CHR9	12318331	CHR9:12318331	SSF x Near_LoA	-6,6811595	-0,008	0,320
CHR9	12325276	CHR9:12325276	SSF x Near_LoA	-9,15176339	0,095	0,311
CHR9	12325311	CHR9:12325311	SSF x Near_LoA	-11,3224163	0,078	0,314
CHR9	12325379	CHR9:12325379	SSF x Near_LoA	-10,1490322	0,081	0,320
CHR9	12325428	CHR9:12325428	SSF x Near_LoA	-9,70055794	0,005	0,311
CHR9	12325517	CHR9:12325517	SSF x Near_LoA	-10,1220315	-0,091	0,314
CHR9	12325664	CHR9:12325664	SSF x Near_LoA	-3,48429621	-0,025	0,302
CHR9	12339892	CHR9:12339892	SSF x Near_LoA	-8,22711014	0,112	0,288
CHR9	12341472	CHR9:12341472	SSF x Near_LoA	-10,7258346	-0,027	0,318
CHR9	1236127	CHR9:1236127	SSF x Near_LoA	-11,0601295	0,036	0,317
CHR9	12369873	CHR9:12369873	SSF x Near_LoA	-11,2420443	0,015	0,305
CHR9	12369956	CHR9:12369956	SSF x Near_LoA	-10,2377597	0,047	0,304
CHR9	12370019	CHR9:12370019	SSF x Near_LoA	-10,0202622	0,043	0,310
CHR9	12371938	CHR9:12371938	SSF x Near_LoA	-11,0088182	0,030	0,310
CHR9	12377632	CHR9:12377632	SSF x Near_LoA	-10,1164003	-0,018	0,309
CHR9	12377635	CHR9:12377635	SSF x Near_LoA	-9,79734786	-0,018	0,313
CHR9	12377667	CHR9:12377667	SSF x Near_LoA	-8,26415975	0,008	0,322
CHR9	12377775	CHR9:12377775	SSF x Near_LoA	-7,97523084	0,066	0,302
CHR9	1239745	CHR9:1239745	SSF x Near_LoA	-9,77132537	-0,081	0,303
CHR9	1239856	CHR9:1239856	SSF x Near_LoA	-7,24336196	0,081	0,310
CHR9	1239860	CHR9:1239860	SSF x Near_LoA	-9,7741942	0,006	0,314
CHR9	1239868	CHR9:1239868	SSF x Near_LoA	-8,94095623	-0,061	0,309
CHR9	12408309	CHR9:12408309	SSF x Near_LoA	-10,4615053	-0,118	0,310
CHR9	12409204	CHR9:12409204	SSF x Near_LoA	-6,89283485	-0,063	0,322
CHR9	12409252	CHR9:12409252	SSF x Near_LoA	-4,44342569	0,158	0,297
CHR9	12409294	CHR9:12409294	SSF x Near_LoA	-9,91213418	0,071	0,305
CHR9	12409305	CHR9:12409305	SSF x Near_LoA	-9,35228549	-0,056	0,306
CHR9	12409306	CHR9:12409306	SSF x Near_LoA	-7,4757151	-0,095	0,296
CHR9	12411332	CHR9:12411332	SSF x Near_LoA	-8,05198874	-0,059	0,324

CHR9	12411334	CHR9:12411334	SSF x Near_LoA	-8,44910548	-0,059	0,324
CHR9	12411348	CHR9:12411348	SSF x Near_LoA	-8,60556427	-0,078	0,317
CHR9	12422140	CHR9:12422140	SSF x Near_LoA	-5,99894265	-0,146	0,294
CHR9	12425091	CHR9:12425091	SSF x Near_LoA	-10,4892254	-0,032	0,302
CHR9	12425174	CHR9:12425174	SSF x Near_LoA	-10,8346368	-0,139	0,297
CHR9	12425246	CHR9:12425246	SSF x Near_LoA	-3,28286674	-0,136	0,307
CHR9	12446067	CHR9:12446067	SSF x Near_LoA	-1,32862085	-0,153	0,307
CHR9	12446075	CHR9:12446075	SSF x Near_LoA	-7,69380817	0,184	0,304
CHR9	12446152	CHR9:12446152	SSF x Near_LoA	-10,9265134	0,070	0,310
CHR9	12454663	CHR9:12454663	SSF x Near_LoA	-11,0729925	-0,066	0,302
CHR9	12454676	CHR9:12454676	SSF x Near_LoA	-11,2443177	0,014	0,325
CHR9	12458895	CHR9:12458895	SSF x Near_LoA	-9,41970613	-0,082	0,309
CHR9	12464825	CHR9:12464825	SSF x Near_LoA	-9,38235622	-0,034	0,307
CHR9	12464838	CHR9:12464838	SSF x Near_LoA	-9,92940335	-0,015	0,314
CHR9	12464930	CHR9:12464930	SSF x Near_LoA	-7,85185743	0,007	0,317
CHR9	12464958	CHR9:12464958	SSF x Near_LoA	-10,7292698	0,018	0,297
CHR9	12465025	CHR9:12465025	SSF x Near_LoA	-8,72248661	-0,031	0,307
CHR9	12472907	CHR9:12472907	SSF x Near_LoA	-12,4836424	-0,077	0,300
CHR9	12472950	CHR9:12472950	SSF x Near_LoA	-9,95614145	-0,029	0,317
CHR9	12472959	CHR9:12472959	SSF x Near_LoA	-10,2059599	-0,021	0,303
CHR9	12472976	CHR9:12472976	SSF x Near_LoA	-10,0038539	-0,061	0,297
CHR9	12472986	CHR9:12472986	SSF x Near_LoA	-10,4048255	-0,021	0,317
CHR9	12472990	CHR9:12472990	SSF x Near_LoA	-9,92451044	-0,078	0,316
CHR9	12472992	CHR9:12472992	SSF x Near_LoA	-9,76886258	-0,095	0,305
CHR9	12473065	CHR9:12473065	SSF x Near_LoA	-10,2497932	-0,052	0,303
CHR9	12473093	CHR9:12473093	SSF x Near_LoA	-6,4133762	-0,110	0,316
CHR9	12473113	CHR9:12473113	SSF x Near_LoA	-10,2853076	-0,028	0,307
CHR9	12473133	CHR9:12473133	SSF x Near_LoA	-9,92190289	0,070	0,307
CHR9	12473146	CHR9:12473146	SSF x Near_LoA	-9,23410083	-0,124	0,292
CHR9	12479898	CHR9:12479898	SSF x Near_LoA	-10,7310878	0,055	0,307
CHR9	12479946	CHR9:12479946	SSF x Near_LoA	-4,35435865	0,025	0,307
CHR9	12481181	CHR9:12481181	SSF x Near_LoA	-9,40237758	-0,060	0,321
CHR9	12481182	CHR9:12481182	SSF x Near_LoA	-8,81594685	-0,103	0,305
CHR9	12483404	CHR9:12483404	SSF x Near_LoA	-8,46262401	0,020	0,311
CHR9	12483573	CHR9:12483573	SSF x Near_LoA	-11,4464756	0,030	0,300
CHR9	12491407	CHR9:12491407	SSF x Near_LoA	-10,3991307	-0,043	0,325
CHR9	12491431	CHR9:12491431	SSF x Near_LoA	-10,2639842	0,027	0,305
CHR9	12491505	CHR9:12491505	SSF x Near_LoA	-6,67375908	0,207	0,285
CHR9	12491522	CHR9:12491522	SSF x Near_LoA	-10,3896075	0,076	0,308
CHR9	12491552	CHR9:12491552	SSF x Near_LoA	-10,4249629	0,027	0,303
CHR9	12491631	CHR9:12491631	SSF x Near_LoA	-8,57238033	0,082	0,301
CHR9	12496541	CHR9:12496541	SSF x Near_LoA	-8,61393344	-0,127	0,317
CHR9	12496543	CHR9:12496543	SSF x Near_LoA	-9,62855988	-0,082	0,317
CHR9	12496565	CHR9:12496565	SSF x Near_LoA	-10,6601993	-0,006	0,314
CHR9	12496569	CHR9:12496569	SSF x Near_LoA	-8,8228913	0,002	0,310
CHR9	12512707	CHR9:12512707	SSF x Near_LoA	-9,27209601	0,127	0,305
CHR9	12512751	CHR9:12512751	SSF x Near_LoA	-8,75638049	0,039	0,302
CHR9	12512772	CHR9:12512772	SSF x Near_LoA	-8,02449121	-0,022	0,315
CHR9	12512774	CHR9:12512774	SSF x Near_LoA	-8,42021991	0,070	0,314
CHR9	12512825	CHR9:12512825	SSF x Near_LoA	-8,22471903	-0,083	0,299
CHR9	12512832	CHR9:12512832	SSF x Near_LoA	-6,89250968	-0,047	0,304
CHR9	12512846	CHR9:12512846	SSF x Near_LoA	-9,15146411	0,086	0,309
CHR9	12512866	CHR9:12512866	SSF x Near_LoA	-9,35426103	-0,051	0,312

CHR9	12512881	CHR9:12512881	SSF x Near_LoA	-8,4824336	0,039	0,312
CHR9	12512983	CHR9:12512983	SSF x Near_LoA	-8,71859229	-0,192	0,302
CHR9	12522165	CHR9:12522165	SSF x Near_LoA	1,23129586	0,149	0,304
CHR9	12522227	CHR9:12522227	SSF x Near_LoA	-11,1724854	-0,032	0,309
CHR9	12523749	CHR9:12523749	SSF x Near_LoA	-7,13999983	0,125	0,300
CHR9	12523783	CHR9:12523783	SSF x Near_LoA	-7,87030713	-0,089	0,307
CHR9	12523927	CHR9:12523927	SSF x Near_LoA	-11,1789609	0,020	0,313
CHR9	12529666	CHR9:12529666	SSF x Near_LoA	-11,7695014	0,052	0,292
CHR9	12529769	CHR9:12529769	SSF x Near_LoA	-11,1970962	0,060	0,304
CHR9	12544268	CHR9:12544268	SSF x Near_LoA	-7,84577089	-0,082	0,300
CHR9	12544285	CHR9:12544285	SSF x Near_LoA	-7,9894415	-0,033	0,311
CHR9	12544287	CHR9:12544287	SSF x Near_LoA	-7,91404259	-0,068	0,318
CHR9	12544293	CHR9:12544293	SSF x Near_LoA	-9,41207608	-0,084	0,306
CHR9	12544311	CHR9:12544311	SSF x Near_LoA	-9,32379386	0,017	0,314
CHR9	12544317	CHR9:12544317	SSF x Near_LoA	-11,0806789	0,060	0,302
CHR9	12547208	CHR9:12547208	SSF x Near_LoA	-9,58188012	-0,112	0,309
CHR9	12547228	CHR9:12547228	SSF x Near_LoA	-5,80377777	-0,217	0,311
CHR9	12547293	CHR9:12547293	SSF x Near_LoA	-10,3380063	-0,047	0,312
CHR9	12551081	CHR9:12551081	SSF x Near_LoA	-8,90781972	0,055	0,317
CHR9	12551132	CHR9:12551132	SSF x Near_LoA	-9,86439177	0,020	0,298
CHR9	12557517	CHR9:12557517	SSF x Near_LoA	-5,86163723	0,053	0,307
CHR9	12557535	CHR9:12557535	SSF x Near_LoA	-7,57905976	-0,095	0,296
CHR9	12557536	CHR9:12557536	SSF x Near_LoA	-9,60242837	0,024	0,304
CHR9	12557540	CHR9:12557540	SSF x Near_LoA	-7,90966086	0,009	0,317
CHR9	12557585	CHR9:12557585	SSF x Near_LoA	-6,37815444	-0,166	0,281
CHR9	12557601	CHR9:12557601	SSF x Near_LoA	-7,59272481	0,060	0,306
CHR9	12557623	CHR9:12557623	SSF x Near_LoA	-10,7780908	-0,063	0,299
CHR9	12557627	CHR9:12557627	SSF x Near_LoA	-9,359567	0,014	0,302
CHR9	12566745	CHR9:12566745	SSF x Near_LoA	-8,94864012	0,084	0,305
CHR9	12566963	CHR9:12566963	SSF x Near_LoA	-8,88372312	0,107	0,313
CHR9	12568173	CHR9:12568173	SSF x Near_LoA	-11,0279943	0,065	0,291
CHR9	12568180	CHR9:12568180	SSF x Near_LoA	-6,15551422	-0,069	0,302
CHR9	12568225	CHR9:12568225	SSF x Near_LoA	-2,95380361	-0,163	0,303
CHR9	12568227	CHR9:12568227	SSF x Near_LoA	-6,90876983	-0,194	0,299
CHR9	12568248	CHR9:12568248	SSF x Near_LoA	-9,09697429	-0,072	0,285
CHR9	12568250	CHR9:12568250	SSF x Near_LoA	-7,55724586	-0,053	0,301
CHR9	12585113	CHR9:12585113	SSF x Near_LoA	-7,63895104	0,010	0,312
CHR9	12585115	CHR9:12585115	SSF x Near_LoA	-3,37343046	-0,009	0,302
CHR9	12585125	CHR9:12585125	SSF x Near_LoA	-8,57560688	0,095	0,300
CHR9	12585129	CHR9:12585129	SSF x Near_LoA	-9,25090731	-0,039	0,297
CHR9	12585157	CHR9:12585157	SSF x Near_LoA	-8,46701581	-0,094	0,306
CHR9	12585183	CHR9:12585183	SSF x Near_LoA	-8,6937942	-0,103	0,317
CHR9	12585191	CHR9:12585191	SSF x Near_LoA	-8,69453196	-0,075	0,306
CHR9	12585195	CHR9:12585195	SSF x Near_LoA	-11,1994284	-0,020	0,294
CHR9	12585198	CHR9:12585198	SSF x Near_LoA	-7,47867588	-0,118	0,305
CHR9	12585205	CHR9:12585205	SSF x Near_LoA	-8,69788407	-0,074	0,309
CHR9	12585207	CHR9:12585207	SSF x Near_LoA	-11,5762113	-0,024	0,295
CHR9	12595335	CHR9:12595335	SSF x Near_LoA	-10,5622782	0,099	0,300
CHR9	12595423	CHR9:12595423	SSF x Near_LoA	-8,205754	0,161	0,297
CHR9	12595570	CHR9:12595570	SSF x Near_LoA	-10,6708008	-0,018	0,311
CHR9	12602107	CHR9:12602107	SSF x Near_LoA	-11,1531136	0,061	0,324
CHR9	12602109	CHR9:12602109	SSF x Near_LoA	-11,6865025	0,042	0,308
CHR9	12602116	CHR9:12602116	SSF x Near_LoA	-11,2842476	0,045	0,312

CHR9	12602125	CHR9:12602125	SSF x Near_LoA	-9,96152883	0,026	0,316
CHR9	12602183	CHR9:12602183	SSF x Near_LoA	-9,93106122	0,066	0,301
CHR9	12602187	CHR9:12602187	SSF x Near_LoA	-10,2493053	0,004	0,312
CHR9	12602246	CHR9:12602246	SSF x Near_LoA	-10,7838131	0,026	0,302
CHR9	12602252	CHR9:12602252	SSF x Near_LoA	-9,13053865	-0,019	0,319
CHR9	12602255	CHR9:12602255	SSF x Near_LoA	-11,1769951	-0,032	0,301
CHR9	12622274	CHR9:12622274	SSF x Near_LoA	-9,24278558	-0,020	0,298
CHR9	12622294	CHR9:12622294	SSF x Near_LoA	-10,6845162	0,008	0,298
CHR9	12622345	CHR9:12622345	SSF x Near_LoA	-10,4404717	0,073	0,289
CHR9	12622353	CHR9:12622353	SSF x Near_LoA	-8,49413355	0,119	0,277
CHR9	12622407	CHR9:12622407	SSF x Near_LoA	-10,1406514	0,008	0,291
CHR9	12622418	CHR9:12622418	SSF x Near_LoA	-8,52725317	0,040	0,298
CHR9	12622476	CHR9:12622476	SSF x Near_LoA	-10,5090749	-0,012	0,311
CHR9	12622482	CHR9:12622482	SSF x Near_LoA	-8,59736703	0,061	0,303
CHR9	1263768	CHR9:1263768	SSF x Near_LoA	-8,41134979	-0,109	0,289
CHR9	1263834	CHR9:1263834	SSF x Near_LoA	-11,2784033	-0,015	0,312
CHR9	1264025	CHR9:1264025	SSF x Near_LoA	-9,00529177	0,030	0,306
CHR9	1264029	CHR9:1264029	SSF x Near_LoA	-7,13348464	0,026	0,317
CHR9	1264053	CHR9:1264053	SSF x Near_LoA	-8,46448067	0,006	0,318
CHR9	1264101	CHR9:1264101	SSF x Near_LoA	3,82412773	0,149	0,309
CHR9	12645282	CHR9:12645282	SSF x Near_LoA	-9,92427033	-0,023	0,311
CHR9	12648173	CHR9:12648173	SSF x Near_LoA	-8,79959724	0,081	0,315
CHR9	12648269	CHR9:12648269	SSF x Near_LoA	-6,58956783	-0,075	0,294
CHR9	12648276	CHR9:12648276	SSF x Near_LoA	-10,9525372	-0,062	0,297
CHR9	12648335	CHR9:12648335	SSF x Near_LoA	-0,90207982	-0,066	0,296
CHR9	12652078	CHR9:12652078	SSF x Near_LoA	-9,87460453	-0,039	0,312
CHR9	12654491	CHR9:12654491	SSF x Near_LoA	-7,68963592	-0,119	0,321
CHR9	12654560	CHR9:12654560	SSF x Near_LoA	-9,60542699	-0,009	0,308
CHR9	12654636	CHR9:12654636	SSF x Near_LoA	-9,42447255	0,027	0,306
CHR9	12654652	CHR9:12654652	SSF x Near_LoA	-8,26230748	-0,031	0,309
CHR9	12654676	CHR9:12654676	SSF x Near_LoA	-8,63115167	0,052	0,292
CHR9	12654691	CHR9:12654691	SSF x Near_LoA	-9,06093904	0,087	0,300
CHR9	12654723	CHR9:12654723	SSF x Near_LoA	-7,8499058	0,054	0,313
CHR9	12654737	CHR9:12654737	SSF x Near_LoA	-8,39524572	-0,145	0,305
CHR9	1265835	CHR9:1265835	SSF x Near_LoA	-9,27762421	0,127	0,308
CHR9	1265839	CHR9:1265839	SSF x Near_LoA	-9,33077237	-0,086	0,291
CHR9	12666456	CHR9:12666456	SSF x Near_LoA	-8,86671807	-0,043	0,316
CHR9	12666470	CHR9:12666470	SSF x Near_LoA	-8,99978348	0,078	0,333
CHR9	12666504	CHR9:12666504	SSF x Near_LoA	-9,14936221	-0,090	0,323
CHR9	12666507	CHR9:12666507	SSF x Near_LoA	-8,12321177	0,021	0,310
CHR9	12666519	CHR9:12666519	SSF x Near_LoA	-8,78615666	-0,009	0,309
CHR9	12666526	CHR9:12666526	SSF x Near_LoA	-7,666902	-0,035	0,305
CHR9	12666577	CHR9:12666577	SSF x Near_LoA	-7,46690426	0,056	0,304
CHR9	12666602	CHR9:12666602	SSF x Near_LoA	-8,8428597	-0,011	0,319
CHR9	12666626	CHR9:12666626	SSF x Near_LoA	-9,14816571	-0,020	0,314
CHR9	12666630	CHR9:12666630	SSF x Near_LoA	-8,60841199	-0,035	0,312
CHR9	12666648	CHR9:12666648	SSF x Near_LoA	-7,02684785	0,024	0,311
CHR9	12666692	CHR9:12666692	SSF x Near_LoA	-7,13560167	0,017	0,313
CHR9	12666700	CHR9:12666700	SSF x Near_LoA	-8,30533795	-0,005	0,314
CHR9	12672978	CHR9:12672978	SSF x Near_LoA	-9,60149076	-0,002	0,311
CHR9	12674282	CHR9:12674282	SSF x Near_LoA	-9,54877873	0,043	0,300
CHR9	12678385	CHR9:12678385	SSF x Near_LoA	-8,80531303	-0,013	0,302
CHR9	12678642	CHR9:12678642	SSF x Near_LoA	-9,7248358	0,049	0,307

CHR9	12678643	CHR9:12678643	SSF x Near_LoA	-4,63623032	0,032	0,307
CHR9	12678691	CHR9:12678691	SSF x Near_LoA	-10,4609817	0,003	0,311
CHR9	12678719	CHR9:12678719	SSF x Near_LoA	-8,3043176	-0,053	0,309
CHR9	12703062	CHR9:12703062	SSF x Near_LoA	-10,6345754	0,079	0,299
CHR9	12703075	CHR9:12703075	SSF x Near_LoA	-6,80684527	-0,015	0,317
CHR9	12703175	CHR9:12703175	SSF x Near_LoA	-8,45737578	-0,081	0,321
CHR9	12703179	CHR9:12703179	SSF x Near_LoA	-7,35999029	0,111	0,303
CHR9	12703209	CHR9:12703209	SSF x Near_LoA	-9,07381026	-0,002	0,305
CHR9	12703210	CHR9:12703210	SSF x Near_LoA	-8,44333324	0,002	0,299
CHR9	12703213	CHR9:12703213	SSF x Near_LoA	-8,72132841	-0,033	0,299
CHR9	12703221	CHR9:12703221	SSF x Near_LoA	-9,32643215	-0,040	0,312
CHR9	12716323	CHR9:12716323	SSF x Near_LoA	-6,79443699	0,160	0,310
CHR9	12716364	CHR9:12716364	SSF x Near_LoA	-7,80946826	-0,105	0,316
CHR9	12716575	CHR9:12716575	SSF x Near_LoA	-9,33883218	-0,079	0,323
CHR9	12716633	CHR9:12716633	SSF x Near_LoA	-8,17114204	0,096	0,301
CHR9	12717401	CHR9:12717401	SSF x Near_LoA	-1,88751667	-0,024	0,301
CHR9	12717422	CHR9:12717422	SSF x Near_LoA	-11,0283763	0,010	0,300
CHR9	12722515	CHR9:12722515	SSF x Near_LoA	-9,49632116	0,105	0,299
CHR9	12722701	CHR9:12722701	SSF x Near_LoA	-9,91150914	0,052	0,304
CHR9	1273259	CHR9:1273259	SSF x Near_LoA	-11,8852878	-0,035	0,304
CHR9	12736404	CHR9:12736404	SSF x Near_LoA	-11,2442754	-0,052	0,314
CHR9	12736406	CHR9:12736406	SSF x Near_LoA	-10,2709245	-0,042	0,305
CHR9	12736509	CHR9:12736509	SSF x Near_LoA	3,92643115	-0,197	0,307
CHR9	12739950	CHR9:12739950	SSF x Near_LoA	-9,67058895	0,042	0,315
CHR9	12739954	CHR9:12739954	SSF x Near_LoA	-9,35711683	0,024	0,307
CHR9	12739976	CHR9:12739976	SSF x Near_LoA	-10,1562061	0,031	0,314
CHR9	12739994	CHR9:12739994	SSF x Near_LoA	-10,797836	0,067	0,304
CHR9	12740005	CHR9:12740005	SSF x Near_LoA	-8,71641273	-0,025	0,303
CHR9	12740081	CHR9:12740081	SSF x Near_LoA	-10,9156396	-0,035	0,298
CHR9	12740095	CHR9:12740095	SSF x Near_LoA	-10,3978015	-0,018	0,304
CHR9	12740116	CHR9:12740116	SSF x Near_LoA	-5,94512661	0,182	0,290
CHR9	12740149	CHR9:12740149	SSF x Near_LoA	-9,77986014	0,075	0,307
CHR9	12749343	CHR9:12749343	SSF x Near_LoA	-11,2697436	0,061	0,301
CHR9	12755065	CHR9:12755065	SSF x Near_LoA	-11,3659316	-0,050	0,308
CHR9	12755066	CHR9:12755066	SSF x Near_LoA	-8,43736654	-0,050	0,305
CHR9	12755072	CHR9:12755072	SSF x Near_LoA	-11,3266064	-0,043	0,323
CHR9	12755080	CHR9:12755080	SSF x Near_LoA	2,78358267	-0,048	0,318
CHR9	12755099	CHR9:12755099	SSF x Near_LoA	-10,002372	0,031	0,312
CHR9	12755104	CHR9:12755104	SSF x Near_LoA	-9,17264647	0,042	0,303
CHR9	12755141	CHR9:12755141	SSF x Near_LoA	-10,3048568	-0,018	0,314
CHR9	12755166	CHR9:12755166	SSF x Near_LoA	-9,04581694	0,026	0,303
CHR9	12755192	CHR9:12755192	SSF x Near_LoA	-9,40685964	-0,009	0,305
CHR9	12755275	CHR9:12755275	SSF x Near_LoA	-7,89281256	0,012	0,334
CHR9	12755337	CHR9:12755337	SSF x Near_LoA	-12,0328865	0,065	0,295
CHR9	12755338	CHR9:12755338	SSF x Near_LoA	-7,49741531	-0,018	0,307
CHR9	12759867	CHR9:12759867	SSF x Near_LoA	-7,82889063	-0,013	0,323
CHR9	1277632	CHR9:1277632	SSF x Near_LoA	-9,07814899	-0,086	0,307
CHR9	1277633	CHR9:1277633	SSF x Near_LoA	-6,94916813	-0,130	0,313
CHR9	1277656	CHR9:1277656	SSF x Near_LoA	-8,42728142	-0,016	0,304
CHR9	1277733	CHR9:1277733	SSF x Near_LoA	-9,039227	0,016	0,294
CHR9	12779092	CHR9:12779092	SSF x Near_LoA	-9,78647464	0,060	0,302
CHR9	12779200	CHR9:12779200	SSF x Near_LoA	-9,31764362	0,065	0,307
CHR9	12783206	CHR9:12783206	SSF x Near_LoA	-7,94041845	-0,097	0,305

CHR9	12791477	CHR9:12791477	SSF x Near_LoA	-11,8777639	-0,017	0,301
CHR9	12791487	CHR9:12791487	SSF x Near_LoA	-9,39786117	-0,041	0,296
CHR9	12791505	CHR9:12791505	SSF x Near_LoA	-9,61196791	0,029	0,312
CHR9	12791524	CHR9:12791524	SSF x Near_LoA	-12,0575548	-0,040	0,308
CHR9	12791574	CHR9:12791574	SSF x Near_LoA	-9,93598477	-0,013	0,305
CHR9	12791617	CHR9:12791617	SSF x Near_LoA	-10,8359262	0,058	0,294
CHR9	12839833	CHR9:12839833	SSF x Near_LoA	-10,7158456	0,021	0,318
CHR9	12841629	CHR9:12841629	SSF x Near_LoA	-7,10979616	0,033	0,314
CHR9	12841659	CHR9:12841659	SSF x Near_LoA	-9,49505782	-0,004	0,319
CHR9	12841772	CHR9:12841772	SSF x Near_LoA	-10,1313595	-0,074	0,294
CHR9	12841802	CHR9:12841802	SSF x Near_LoA	-8,84940007	-0,009	0,293
CHR9	12841809	CHR9:12841809	SSF x Near_LoA	-7,85096018	0,078	0,302
CHR9	1284315	CHR9:1284315	SSF x Near_LoA	-10,3335445	-0,040	0,309
CHR9	1284430	CHR9:1284430	SSF x Near_LoA	-10,4041865	-0,061	0,304
CHR9	1284522	CHR9:1284522	SSF x Near_LoA	-11,3045538	0,006	0,305
CHR9	12857146	CHR9:12857146	SSF x Near_LoA	-9,76199799	0,075	0,297
CHR9	12867032	CHR9:12867032	SSF x Near_LoA	-7,78526255	-0,001	0,303
CHR9	12875815	CHR9:12875815	SSF x Near_LoA	-9,43637914	0,020	0,302
CHR9	12875816	CHR9:12875816	SSF x Near_LoA	-10,0657602	0,015	0,315
CHR9	12875828	CHR9:12875828	SSF x Near_LoA	-7,96059918	-0,033	0,308
CHR9	12875858	CHR9:12875858	SSF x Near_LoA	-8,36611519	0,055	0,308
CHR9	12875894	CHR9:12875894	SSF x Near_LoA	-7,90280176	0,098	0,300
CHR9	12875911	CHR9:12875911	SSF x Near_LoA	-7,85681827	0,062	0,305
CHR9	12875942	CHR9:12875942	SSF x Near_LoA	-8,6907951	-0,055	0,301
CHR9	12880765	CHR9:12880765	SSF x Near_LoA	-6,05211608	-0,085	0,299
CHR9	12883363	CHR9:12883363	SSF x Near_LoA	-12,399644	-0,035	0,301
CHR9	12883378	CHR9:12883378	SSF x Near_LoA	-5,84933371	0,000	0,307
CHR9	12883531	CHR9:12883531	SSF x Near_LoA	-1,05538065	0,007	0,326
CHR9	12886354	CHR9:12886354	SSF x Near_LoA	-11,2835137	0,045	0,306
CHR9	12886508	CHR9:12886508	SSF x Near_LoA	-10,7047716	-0,101	0,313
CHR9	12893889	CHR9:12893889	SSF x Near_LoA	-8,86527336	-0,025	0,312
CHR9	1289862	CHR9:1289862	SSF x Near_LoA	-11,9618962	-0,009	0,308
CHR9	1289874	CHR9:1289874	SSF x Near_LoA	-11,2547817	0,123	0,295
CHR9	1289878	CHR9:1289878	SSF x Near_LoA	-11,7683072	0,018	0,316
CHR9	1289932	CHR9:1289932	SSF x Near_LoA	-8,57558479	0,159	0,296
CHR9	1289964	CHR9:1289964	SSF x Near_LoA	-10,7695783	0,027	0,313
CHR9	1290035	CHR9:1290035	SSF x Near_LoA	-7,47020272	-0,079	0,304
CHR9	1290043	CHR9:1290043	SSF x Near_LoA	-11,6400178	0,009	0,302
CHR9	1290064	CHR9:1290064	SSF x Near_LoA	-9,95160323	-0,030	0,310
CHR9	1290113	CHR9:1290113	SSF x Near_LoA	-8,74187428	-0,084	0,302
CHR9	1290135	CHR9:1290135	SSF x Near_LoA	-6,02030489	-0,120	0,313
CHR9	12902140	CHR9:12902140	SSF x Near_LoA	-7,81230864	-0,067	0,311
CHR9	12902293	CHR9:12902293	SSF x Near_LoA	-8,95797899	-0,127	0,316
CHR9	12911651	CHR9:12911651	SSF x Near_LoA	-7,8159323	-0,001	0,305
CHR9	12911657	CHR9:12911657	SSF x Near_LoA	-11,6585463	0,010	0,309
CHR9	12911698	CHR9:12911698	SSF x Near_LoA	-10,9222386	0,057	0,306
CHR9	12914934	CHR9:12914934	SSF x Near_LoA	-10,0853591	0,033	0,310
CHR9	12914983	CHR9:12914983	SSF x Near_LoA	-7,91270577	-0,034	0,308
CHR9	12924827	CHR9:12924827	SSF x Near_LoA	-8,39904556	0,013	0,316
CHR9	12924882	CHR9:12924882	SSF x Near_LoA	-10,8901376	0,075	0,308
CHR9	12924883	CHR9:12924883	SSF x Near_LoA	-10,0755441	-0,034	0,309
CHR9	12924886	CHR9:12924886	SSF x Near_LoA	-9,84537764	0,024	0,289
CHR9	12924896	CHR9:12924896	SSF x Near_LoA	-8,94460145	-0,030	0,300

CHR9	12924899	CHR9:12924899	SSF x Near_LoA	-11,0656534	0,062	0,312
CHR9	12928980	CHR9:12928980	SSF x Near_LoA	-9,31510303	-0,032	0,312
CHR9	12929012	CHR9:12929012	SSF x Near_LoA	-10,0955031	-0,049	0,314
CHR9	12930461	CHR9:12930461	SSF x Near_LoA	-10,6840898	0,038	0,299
CHR9	12930581	CHR9:12930581	SSF x Near_LoA	-5,24131582	-0,055	0,302
CHR9	12931969	CHR9:12931969	SSF x Near_LoA	-9,51877974	-0,072	0,310
CHR9	12932014	CHR9:12932014	SSF x Near_LoA	-8,70485076	-0,049	0,310
CHR9	12938866	CHR9:12938866	SSF x Near_LoA	-9,58047149	-0,029	0,310
CHR9	12938899	CHR9:12938899	SSF x Near_LoA	-9,03492724	-0,069	0,316
CHR9	12946159	CHR9:12946159	SSF x Near_LoA	-9,46434544	0,080	0,306
CHR9	12946315	CHR9:12946315	SSF x Near_LoA	-9,28520225	-0,028	0,324
CHR9	12946356	CHR9:12946356	SSF x Near_LoA	-9,20118681	0,073	0,313
CHR9	12946386	CHR9:12946386	SSF x Near_LoA	-8,95028281	0,111	0,315
CHR9	12957739	CHR9:12957739	SSF x Near_LoA	-5,57796076	0,092	0,302
CHR9	12957761	CHR9:12957761	SSF x Near_LoA	-10,0567424	0,073	0,298
CHR9	12957786	CHR9:12957786	SSF x Near_LoA	-8,27896377	-0,069	0,293
CHR9	12958189	CHR9:12958189	SSF x Near_LoA	-8,86241659	-0,011	0,292
CHR9	12964581	CHR9:12964581	SSF x Near_LoA	-10,3248363	-0,104	0,301
CHR9	12964606	CHR9:12964606	SSF x Near_LoA	-8,21650545	0,003	0,319
CHR9	12973928	CHR9:12973928	SSF x Near_LoA	-6,94902302	-0,139	0,307
CHR9	12990125	CHR9:12990125	SSF x Near_LoA	-10,5744295	0,009	0,314
CHR9	12990190	CHR9:12990190	SSF x Near_LoA	-7,40114068	-0,102	0,302
CHR9	12990338	CHR9:12990338	SSF x Near_LoA	-9,59062915	0,054	0,292
CHR9	12990455	CHR9:12990455	SSF x Near_LoA	-7,63756089	-0,017	0,310
CHR9	13000862	CHR9:13000862	SSF x Near_LoA	-9,77857224	-0,055	0,311
CHR9	13000914	CHR9:13000914	SSF x Near_LoA	-6,95279411	0,062	0,306
CHR9	13011053	CHR9:13011053	SSF x Near_LoA	-8,45967755	-0,058	0,295
CHR9	13028483	CHR9:13028483	SSF x Near_LoA	-10,8909471	-0,059	0,315
CHR9	13031655	CHR9:13031655	SSF x Near_LoA	-8,56044908	-0,028	0,315
CHR9	13051955	CHR9:13051955	SSF x Near_LoA	-8,58813957	0,140	0,309
CHR9	13051972	CHR9:13051972	SSF x Near_LoA	-8,35809174	0,151	0,301
CHR9	13051975	CHR9:13051975	SSF x Near_LoA	-1,64754165	0,147	0,303
CHR9	13051980	CHR9:13051980	SSF x Near_LoA	-6,55479102	0,164	0,292
CHR9	13062738	CHR9:13062738	SSF x Near_LoA	-7,41376274	0,052	0,302
CHR9	13062800	CHR9:13062800	SSF x Near_LoA	-10,5628736	-0,019	0,309
CHR9	13062839	CHR9:13062839	SSF x Near_LoA	-10,1830012	-0,019	0,306
CHR9	13066410	CHR9:13066410	SSF x Near_LoA	-10,694	0,076	0,323
CHR9	13066423	CHR9:13066423	SSF x Near_LoA	-11,0718253	0,006	0,315
CHR9	13066430	CHR9:13066430	SSF x Near_LoA	-8,60052848	-0,061	0,317
CHR9	13068476	CHR9:13068476	SSF x Near_LoA	-7,49860928	-0,005	0,328
CHR9	13081525	CHR9:13081525	SSF x Near_LoA	-7,93036377	0,086	0,301
CHR9	13081577	CHR9:13081577	SSF x Near_LoA	-9,85834852	0,057	0,309
CHR9	13081581	CHR9:13081581	SSF x Near_LoA	-9,56454502	0,040	0,295
CHR9	13081589	CHR9:13081589	SSF x Near_LoA	-12,4130223	-0,008	0,298
CHR9	13081591	CHR9:13081591	SSF x Near_LoA	-7,30162257	0,038	0,310
CHR9	13081606	CHR9:13081606	SSF x Near_LoA	-9,08510741	0,013	0,305
CHR9	13081647	CHR9:13081647	SSF x Near_LoA	-10,157434	0,092	0,305
CHR9	13081717	CHR9:13081717	SSF x Near_LoA	-11,6218607	-0,026	0,317
CHR9	13085203	CHR9:13085203	SSF x Near_LoA	-11,1691081	0,039	0,309
CHR9	13085223	CHR9:13085223	SSF x Near_LoA	-4,00490256	-0,041	0,320
CHR9	13085227	CHR9:13085227	SSF x Near_LoA	-7,68920657	-0,089	0,302
CHR9	13085252	CHR9:13085252	SSF x Near_LoA	-12,3038254	-0,023	0,295
CHR9	13085257	CHR9:13085257	SSF x Near_LoA	-9,36101062	-0,007	0,304

CHR9	13085259	CHR9:13085259	SSF x Near_LoA	-10,1515966	0,016	0,310
CHR9	13085266	CHR9:13085266	SSF x Near_LoA	-9,23171392	-0,009	0,309
CHR9	13085294	CHR9:13085294	SSF x Near_LoA	-9,7022023	-0,079	0,303
CHR9	13086685	CHR9:13086685	SSF x Near_LoA	-8,68286633	0,031	0,315
CHR9	13086689	CHR9:13086689	SSF x Near_LoA	-7,36627447	0,094	0,308
CHR9	13086713	CHR9:13086713	SSF x Near_LoA	-6,77298919	0,143	0,312
CHR9	13086724	CHR9:13086724	SSF x Near_LoA	-2,72976857	0,180	0,303
CHR9	13096448	CHR9:13096448	SSF x Near_LoA	-10,4504886	-0,016	0,298
CHR9	13096474	CHR9:13096474	SSF x Near_LoA	-8,69435783	-0,044	0,310
CHR9	13096502	CHR9:13096502	SSF x Near_LoA	-8,96433173	-0,049	0,315
CHR9	13096507	CHR9:13096507	SSF x Near_LoA	-9,53324252	0,121	0,295
CHR9	13096508	CHR9:13096508	SSF x Near_LoA	-9,68428234	-0,064	0,298
CHR9	13096510	CHR9:13096510	SSF x Near_LoA	-7,89303689	0,027	0,313
CHR9	13098159	CHR9:13098159	SSF x Near_LoA	-9,39288826	-0,018	0,301
CHR9	13108504	CHR9:13108504	SSF x Near_LoA	-11,903469	-0,018	0,301
CHR9	13108727	CHR9:13108727	SSF x Near_LoA	-10,4201783	0,025	0,309
CHR9	13108830	CHR9:13108830	SSF x Near_LoA	-6,86058146	0,109	0,295
CHR9	13118909	CHR9:13118909	SSF x Near_LoA	-9,74541316	-0,016	0,303
CHR9	13119149	CHR9:13119149	SSF x Near_LoA	-7,79139868	-0,194	0,310
CHR9	13119177	CHR9:13119177	SSF x Near_LoA	-8,10056478	-0,130	0,301
CHR9	13124970	CHR9:13124970	SSF x Near_LoA	-8,67690654	0,032	0,304
CHR9	13124974	CHR9:13124974	SSF x Near_LoA	-9,50725301	0,005	0,318
CHR9	13125026	CHR9:13125026	SSF x Near_LoA	-9,796753	-0,001	0,318
CHR9	13125034	CHR9:13125034	SSF x Near_LoA	-11,3407251	0,005	0,317
CHR9	13125052	CHR9:13125052	SSF x Near_LoA	-8,7033614	0,133	0,299
CHR9	13125061	CHR9:13125061	SSF x Near_LoA	-8,80277013	0,113	0,299
CHR9	13129723	CHR9:13129723	SSF x Near_LoA	-7,65364896	-0,018	0,316
CHR9	13129787	CHR9:13129787	SSF x Near_LoA	-10,1550437	-0,044	0,299
CHR9	13129802	CHR9:13129802	SSF x Near_LoA	-8,96283814	-0,022	0,304
CHR9	13129838	CHR9:13129838	SSF x Near_LoA	-10,8033461	-0,014	0,304
CHR9	13129876	CHR9:13129876	SSF x Near_LoA	-8,05777599	0,022	0,316
CHR9	1313694	CHR9:1313694	SSF x Near_LoA	-8,8178376	-0,016	0,308
CHR9	1313732	CHR9:1313732	SSF x Near_LoA	-9,02470948	0,115	0,289
CHR9	1313754	CHR9:1313754	SSF x Near_LoA	-9,33817829	0,026	0,303
CHR9	1313776	CHR9:1313776	SSF x Near_LoA	-11,7558055	0,037	0,299
CHR9	13142294	CHR9:13142294	SSF x Near_LoA	-10,5198163	-0,082	0,299
CHR9	13142558	CHR9:13142558	SSF x Near_LoA	-9,25994318	-0,035	0,305
CHR9	13142579	CHR9:13142579	SSF x Near_LoA	-10,9372498	-0,131	0,304
CHR9	13142601	CHR9:13142601	SSF x Near_LoA	-6,857079	0,002	0,310
CHR9	13142638	CHR9:13142638	SSF x Near_LoA	-9,92488278	0,003	0,313
CHR9	13152348	CHR9:13152348	SSF x Near_LoA	-11,0420336	-0,037	0,285
CHR9	13152397	CHR9:13152397	SSF x Near_LoA	-9,59015538	0,093	0,303
CHR9	13152422	CHR9:13152422	SSF x Near_LoA	-9,1127301	0,091	0,295
CHR9	13152428	CHR9:13152428	SSF x Near_LoA	-7,74725316	0,013	0,321
CHR9	13152447	CHR9:13152447	SSF x Near_LoA	-11,331738	-0,077	0,317
CHR9	13152448	CHR9:13152448	SSF x Near_LoA	-9,18326869	-0,040	0,303
CHR9	13152453	CHR9:13152453	SSF x Near_LoA	-9,30658732	0,008	0,300
CHR9	13152457	CHR9:13152457	SSF x Near_LoA	-10,3911139	-0,016	0,297
CHR9	13152465	CHR9:13152465	SSF x Near_LoA	-10,0189076	-0,072	0,289
CHR9	13152472	CHR9:13152472	SSF x Near_LoA	-7,87172508	-0,086	0,300
CHR9	13152484	CHR9:13152484	SSF x Near_LoA	-8,93269089	0,047	0,308
CHR9	13152537	CHR9:13152537	SSF x Near_LoA	-11,4183285	-0,065	0,311
CHR9	13152575	CHR9:13152575	SSF x Near_LoA	-10,0409433	0,026	0,300

CHR9	13152579	CHR9:13152579	SSF x Near_LoA	-11,3604696	0,034	0,314
CHR9	13152641	CHR9:13152641	SSF x Near_LoA	-9,5035738	-0,107	0,305
CHR9	13152650	CHR9:13152650	SSF x Near_LoA	-8,07200277	-0,127	0,311
CHR9	13152719	CHR9:13152719	SSF x Near_LoA	-8,91146288	-0,106	0,305
CHR9	1316124	CHR9:1316124	SSF x Near_LoA	-7,96652772	-0,145	0,306
CHR9	13164932	CHR9:13164932	SSF x Near_LoA	-11,1864486	-0,074	0,312
CHR9	13165008	CHR9:13165008	SSF x Near_LoA	-12,7341749	-0,040	0,298
CHR9	13165022	CHR9:13165022	SSF x Near_LoA	-10,4513009	-0,008	0,323
CHR9	13165054	CHR9:13165054	SSF x Near_LoA	-8,45460531	-0,023	0,303
CHR9	13166862	CHR9:13166862	SSF x Near_LoA	-7,7885852	0,020	0,316
CHR9	13179156	CHR9:13179156	SSF x Near_LoA	-10,2906968	-0,097	0,314
CHR9	13179272	CHR9:13179272	SSF x Near_LoA	-11,0642022	0,089	0,304
CHR9	13179323	CHR9:13179323	SSF x Near_LoA	-8,94779934	0,063	0,295
CHR9	13179331	CHR9:13179331	SSF x Near_LoA	-10,2255103	-0,035	0,311
CHR9	13179379	CHR9:13179379	SSF x Near_LoA	-9,54492355	-0,070	0,305
CHR9	13179400	CHR9:13179400	SSF x Near_LoA	-8,17007862	-0,029	0,316
CHR9	13188386	CHR9:13188386	SSF x Near_LoA	-8,33442084	-0,167	0,304
CHR9	13188404	CHR9:13188404	SSF x Near_LoA	-5,19458171	0,169	0,287
CHR9	13188512	CHR9:13188512	SSF x Near_LoA	-6,50867473	-0,153	0,311
CHR9	13193237	CHR9:13193237	SSF x Near_LoA	-12,4861107	-0,010	0,308
CHR9	13193255	CHR9:13193255	SSF x Near_LoA	-11,715228	-0,018	0,317
CHR9	13195894	CHR9:13195894	SSF x Near_LoA	-10,5829033	0,078	0,302
CHR9	13197270	CHR9:13197270	SSF x Near_LoA	-11,2259952	-0,058	0,311
CHR9	13206144	CHR9:13206144	SSF x Near_LoA	-3,25489504	-0,114	0,305
CHR9	13206148	CHR9:13206148	SSF x Near_LoA	-6,97129049	-0,167	0,320
CHR9	13206167	CHR9:13206167	SSF x Near_LoA	-8,3880106	-0,143	0,311
CHR9	13206195	CHR9:13206195	SSF x Near_LoA	-8,57357951	0,123	0,294
CHR9	13206206	CHR9:13206206	SSF x Near_LoA	-7,81866286	0,070	0,309
CHR9	13206211	CHR9:13206211	SSF x Near_LoA	-10,0572476	-0,061	0,312
CHR9	13206240	CHR9:13206240	SSF x Near_LoA	-7,6696931	-0,058	0,301
CHR9	13206243	CHR9:13206243	SSF x Near_LoA	-8,82964439	-0,075	0,313
CHR9	13206332	CHR9:13206332	SSF x Near_LoA	-10,8386909	-0,033	0,296
CHR9	13208944	CHR9:13208944	SSF x Near_LoA	-8,61137001	-0,004	0,314
CHR9	13208948	CHR9:13208948	SSF x Near_LoA	-9,7280041	0,012	0,297
CHR9	13208951	CHR9:13208951	SSF x Near_LoA	-8,94444068	0,030	0,305
CHR9	13208981	CHR9:13208981	SSF x Near_LoA	-8,11180083	0,056	0,310
CHR9	13209027	CHR9:13209027	SSF x Near_LoA	-8,57015804	0,135	0,284
CHR9	13209028	CHR9:13209028	SSF x Near_LoA	-7,82533323	0,127	0,296
CHR9	13211471	CHR9:13211471	SSF x Near_LoA	-7,27378767	-0,107	0,312
CHR9	13212008	CHR9:13212008	SSF x Near_LoA	-11,914716	0,031	0,301
CHR9	13216162	CHR9:13216162	SSF x Near_LoA	-3,53188846	0,143	0,310
CHR9	13216233	CHR9:13216233	SSF x Near_LoA	-9,16015374	0,122	0,309
CHR9	13231385	CHR9:13231385	SSF x Near_LoA	-5,02362624	-0,036	0,306
CHR9	13231405	CHR9:13231405	SSF x Near_LoA	-7,73701751	0,176	0,301
CHR9	13231457	CHR9:13231457	SSF x Near_LoA	-7,38212655	-0,021	0,311
CHR9	13231505	CHR9:13231505	SSF x Near_LoA	-8,15127778	0,010	0,305
CHR9	13238180	CHR9:13238180	SSF x Near_LoA	-10,8178519	0,055	0,314
CHR9	13238348	CHR9:13238348	SSF x Near_LoA	-8,53850939	-0,036	0,311
CHR9	13238349	CHR9:13238349	SSF x Near_LoA	-7,528063	-0,078	0,313
CHR9	13238385	CHR9:13238385	SSF x Near_LoA	-8,84090402	-0,002	0,320
CHR9	13238484	CHR9:13238484	SSF x Near_LoA	-6,88883327	0,109	0,298
CHR9	13241118	CHR9:13241118	SSF x Near_LoA	-6,46775079	-0,001	0,297
CHR9	13241120	CHR9:13241120	SSF x Near_LoA	-9,86641567	0,007	0,307

CHR9	13241127	CHR9:13241127	SSF x Near_LoA	-10,2016315	-0,004	0,308
CHR9	13241141	CHR9:13241141	SSF x Near_LoA	-12,4712561	0,024	0,299
CHR9	13241177	CHR9:13241177	SSF x Near_LoA	-8,96116731	0,087	0,300
CHR9	13241179	CHR9:13241179	SSF x Near_LoA	-2,65630333	0,082	0,296
CHR9	13241195	CHR9:13241195	SSF x Near_LoA	-9,88838198	0,040	0,308
CHR9	13241214	CHR9:13241214	SSF x Near_LoA	-6,59512261	-0,093	0,307
CHR9	13241228	CHR9:13241228	SSF x Near_LoA	-10,407628	-0,066	0,309
CHR9	13241264	CHR9:13241264	SSF x Near_LoA	-9,92461853	-0,063	0,297
CHR9	13249442	CHR9:13249442	SSF x Near_LoA	-10,34536	-0,029	0,300
CHR9	13259538	CHR9:13259538	SSF x Near_LoA	-8,56900239	-0,069	0,314
CHR9	13259723	CHR9:13259723	SSF x Near_LoA	-6,29484349	0,045	0,304
CHR9	13265363	CHR9:13265363	SSF x Near_LoA	-7,44259514	0,032	0,318
CHR9	13265421	CHR9:13265421	SSF x Near_LoA	-10,2746168	-0,021	0,299
CHR9	13265424	CHR9:13265424	SSF x Near_LoA	-9,29057315	0,009	0,302
CHR9	13265437	CHR9:13265437	SSF x Near_LoA	-7,80504675	-0,065	0,320
CHR9	13265444	CHR9:13265444	SSF x Near_LoA	-9,67519842	-0,051	0,311
CHR9	13267771	CHR9:13267771	SSF x Near_LoA	-9,85048326	0,043	0,304
CHR9	13267783	CHR9:13267783	SSF x Near_LoA	-10,674743	-0,002	0,307
CHR9	13267869	CHR9:13267869	SSF x Near_LoA	-8,66867216	0,019	0,293
CHR9	13268006	CHR9:13268006	SSF x Near_LoA	-9,22767072	0,032	0,301
CHR9	13268043	CHR9:13268043	SSF x Near_LoA	-8,05575866	0,077	0,307
CHR9	1326893	CHR9:1326893	SSF x Near_LoA	-10,5823884	-0,061	0,293
CHR9	13272141	CHR9:13272141	SSF x Near_LoA	-9,87325347	-0,115	0,305
CHR9	13272144	CHR9:13272144	SSF x Near_LoA	-11,0565431	-0,014	0,303
CHR9	13272226	CHR9:13272226	SSF x Near_LoA	-9,30381749	0,128	0,311
CHR9	13272273	CHR9:13272273	SSF x Near_LoA	10,256767	0,178	0,283
CHR9	13272297	CHR9:13272297	SSF x Near_LoA	-7,59672489	0,089	0,314
CHR9	13275482	CHR9:13275482	SSF x Near_LoA	-11,9028559	0,021	0,318
CHR9	13275696	CHR9:13275696	SSF x Near_LoA	-8,85260192	0,030	0,296
CHR9	13277719	CHR9:13277719	SSF x Near_LoA	-9,61537339	-0,009	0,285
CHR9	13277737	CHR9:13277737	SSF x Near_LoA	-9,42807293	-0,029	0,299
CHR9	13277741	CHR9:13277741	SSF x Near_LoA	-6,71608119	-0,089	0,302
CHR9	13277759	CHR9:13277759	SSF x Near_LoA	-5,62587139	0,118	0,308
CHR9	13277763	CHR9:13277763	SSF x Near_LoA	-8,31863949	0,108	0,299
CHR9	13277806	CHR9:13277806	SSF x Near_LoA	-9,04586906	-0,063	0,315
CHR9	13277816	CHR9:13277816	SSF x Near_LoA	-8,60086616	-0,045	0,313
CHR9	13277859	CHR9:13277859	SSF x Near_LoA	-9,30426972	-0,007	0,294
CHR9	13277860	CHR9:13277860	SSF x Near_LoA	-8,59955187	-0,008	0,299
CHR9	13288676	CHR9:13288676	SSF x Near_LoA	-8,89646573	0,132	0,307
CHR9	13288719	CHR9:13288719	SSF x Near_LoA	-11,2382031	0,029	0,299
CHR9	13288738	CHR9:13288738	SSF x Near_LoA	-11,3569598	0,017	0,300
CHR9	13288747	CHR9:13288747	SSF x Near_LoA	-9,78295498	0,007	0,324
CHR9	13288817	CHR9:13288817	SSF x Near_LoA	-9,67432743	-0,117	0,307
CHR9	13288860	CHR9:13288860	SSF x Near_LoA	-9,20161482	0,022	0,320
CHR9	1328924	CHR9:1328924	SSF x Near_LoA	-10,7145404	0,051	0,308
CHR9	1328925	CHR9:1328925	SSF x Near_LoA	-8,9139656	-0,098	0,299
CHR9	1328950	CHR9:1328950	SSF x Near_LoA	-10,403739	0,073	0,307
CHR9	1328973	CHR9:1328973	SSF x Near_LoA	-10,6754799	-0,001	0,310
CHR9	1329013	CHR9:1329013	SSF x Near_LoA	-8,84551621	0,069	0,313
CHR9	13297610	CHR9:13297610	SSF x Near_LoA	-10,0170994	0,115	0,303
CHR9	13297614	CHR9:13297614	SSF x Near_LoA	-10,9964501	0,078	0,297
CHR9	13297658	CHR9:13297658	SSF x Near_LoA	-9,27342636	0,045	0,310
CHR9	13297687	CHR9:13297687	SSF x Near_LoA	-7,82984955	0,059	0,312

CHR9	13297724	CHR9:13297724	SSF x Near_LoA	-10,5006877	0,090	0,301
CHR9	13297733	CHR9:13297733	SSF x Near_LoA	-9,15950332	0,111	0,305
CHR9	13308226	CHR9:13308226	SSF x Near_LoA	-9,31930337	-0,114	0,297
CHR9	13308598	CHR9:13308598	SSF x Near_LoA	-8,84731569	-0,071	0,321
CHR9	13308600	CHR9:13308600	SSF x Near_LoA	-4,64086221	0,180	0,297
CHR9	13308624	CHR9:13308624	SSF x Near_LoA	-6,41046714	-0,086	0,325
CHR9	13311057	CHR9:13311057	SSF x Near_LoA	-10,0880257	-0,005	0,294
CHR9	13311133	CHR9:13311133	SSF x Near_LoA	-6,79726304	0,114	0,292
CHR9	13317533	CHR9:13317533	SSF x Near_LoA	-8,94420708	-0,125	0,295
CHR9	13317621	CHR9:13317621	SSF x Near_LoA	-9,66312134	0,106	0,305
CHR9	13317623	CHR9:13317623	SSF x Near_LoA	-6,59701346	-0,141	0,319
CHR9	1332103	CHR9:1332103	SSF x Near_LoA	-11,1552797	0,038	0,292
CHR9	13343752	CHR9:13343752	SSF x Near_LoA	-1,8787102	-0,183	0,309
CHR9	13343754	CHR9:13343754	SSF x Near_LoA	-7,47287532	-0,179	0,295
CHR9	13353472	CHR9:13353472	SSF x Near_LoA	-9,35455464	-0,108	0,295
CHR9	13353520	CHR9:13353520	SSF x Near_LoA	-4,78146342	0,100	0,304
CHR9	13353539	CHR9:13353539	SSF x Near_LoA	-7,58524784	0,116	0,295
CHR9	13366274	CHR9:13366274	SSF x Near_LoA	-8,21504076	-0,168	0,308
CHR9	13366308	CHR9:13366308	SSF x Near_LoA	-10,2737292	0,054	0,312
CHR9	13366323	CHR9:13366323	SSF x Near_LoA	-10,5870964	0,042	0,308
CHR9	13366509	CHR9:13366509	SSF x Near_LoA	-7,07317986	-0,184	0,306
CHR9	13366557	CHR9:13366557	SSF x Near_LoA	-11,5344806	0,030	0,302
CHR9	13367416	CHR9:13367416	SSF x Near_LoA	-9,53266173	0,060	0,316
CHR9	13371164	CHR9:13371164	SSF x Near_LoA	0,19489937	-0,209	0,288
CHR9	13399980	CHR9:13399980	SSF x Near_LoA	-8,01809042	0,133	0,301
CHR9	13400031	CHR9:13400031	SSF x Near_LoA	-9,30935531	-0,025	0,311
CHR9	13400092	CHR9:13400092	SSF x Near_LoA	-8,65623641	0,018	0,319
CHR9	13402663	CHR9:13402663	SSF x Near_LoA	-9,26727168	-0,095	0,320
CHR9	13402799	CHR9:13402799	SSF x Near_LoA	-8,83892624	-0,046	0,312
CHR9	13404856	CHR9:13404856	SSF x Near_LoA	-8,24536486	-0,043	0,316
CHR9	13404864	CHR9:13404864	SSF x Near_LoA	-9,23310744	-0,041	0,312
CHR9	13404865	CHR9:13404865	SSF x Near_LoA	-8,11690934	-0,016	0,312
CHR9	13404898	CHR9:13404898	SSF x Near_LoA	-9,32765216	-0,062	0,300
CHR9	13404922	CHR9:13404922	SSF x Near_LoA	-9,17017505	0,080	0,303
CHR9	13404940	CHR9:13404940	SSF x Near_LoA	-9,23033722	-0,037	0,314
CHR9	13405896	CHR9:13405896	SSF x Near_LoA	-8,45514521	0,049	0,312
CHR9	13412623	CHR9:13412623	SSF x Near_LoA	-6,67647964	-0,147	0,315
CHR9	1342359	CHR9:1342359	SSF x Near_LoA	-9,25204706	-0,054	0,313
CHR9	1342436	CHR9:1342436	SSF x Near_LoA	-9,61623696	-0,046	0,314
CHR9	1342723	CHR9:1342723	SSF x Near_LoA	-11,3967607	0,013	0,299
CHR9	13430988	CHR9:13430988	SSF x Near_LoA	-11,1202966	-0,026	0,308
CHR9	13431097	CHR9:13431097	SSF x Near_LoA	-9,37055124	0,020	0,311
CHR9	13432630	CHR9:13432630	SSF x Near_LoA	-9,67336518	-0,052	0,308
CHR9	13443038	CHR9:13443038	SSF x Near_LoA	-10,8330761	-0,067	0,295
CHR9	13443039	CHR9:13443039	SSF x Near_LoA	-8,89917411	0,038	0,325
CHR9	13443048	CHR9:13443048	SSF x Near_LoA	-10,902054	-0,003	0,314
CHR9	13443068	CHR9:13443068	SSF x Near_LoA	-9,79624366	-0,064	0,309
CHR9	13443083	CHR9:13443083	SSF x Near_LoA	-9,12828308	0,065	0,291
CHR9	13443151	CHR9:13443151	SSF x Near_LoA	-4,08545472	0,028	0,299
CHR9	13443173	CHR9:13443173	SSF x Near_LoA	-12,2307123	0,002	0,301
CHR9	13445883	CHR9:13445883	SSF x Near_LoA	-6,57050195	0,051	0,313
CHR9	13445884	CHR9:13445884	SSF x Near_LoA	-9,18499213	0,045	0,309
CHR9	13445949	CHR9:13445949	SSF x Near_LoA	-10,975718	0,060	0,308

CHR9	13445983	CHR9:13445983	SSF x Near_LoA	-10,2335113	0,033	0,312
CHR9	13464875	CHR9:13464875	SSF x Near_LoA	-9,24979027	-0,035	0,314
CHR9	1346639	CHR9:1346639	SSF x Near_LoA	-7,71733102	-0,177	0,309
CHR9	1346668	CHR9:1346668	SSF x Near_LoA	-9,06036731	-0,138	0,317
CHR9	13473728	CHR9:13473728	SSF x Near_LoA	-7,30490257	-0,063	0,313
CHR9	13475629	CHR9:13475629	SSF x Near_LoA	-7,37645976	-0,106	0,311
CHR9	13475746	CHR9:13475746	SSF x Near_LoA	-9,94087623	-0,151	0,305
CHR9	13475785	CHR9:13475785	SSF x Near_LoA	-9,38673725	-0,109	0,306
CHR9	13476479	CHR9:13476479	SSF x Near_LoA	-8,84142927	0,023	0,301
CHR9	13484588	CHR9:13484588	SSF x Near_LoA	-11,5396201	-0,082	0,309
CHR9	13484596	CHR9:13484596	SSF x Near_LoA	-8,92179351	0,040	0,314
CHR9	13484666	CHR9:13484666	SSF x Near_LoA	-7,11546636	0,034	0,315
CHR9	13484740	CHR9:13484740	SSF x Near_LoA	-8,30423047	0,080	0,309
CHR9	13484749	CHR9:13484749	SSF x Near_LoA	-8,56867919	0,030	0,306
CHR9	13484755	CHR9:13484755	SSF x Near_LoA	-8,58996322	0,050	0,323
CHR9	13484778	CHR9:13484778	SSF x Near_LoA	-7,37967973	-0,097	0,299
CHR9	13490435	CHR9:13490435	SSF x Near_LoA	-7,95909225	0,124	0,305
CHR9	13490533	CHR9:13490533	SSF x Near_LoA	-8,72603198	0,067	0,313
CHR9	13491484	CHR9:13491484	SSF x Near_LoA	-9,34764368	0,039	0,300
CHR9	13491578	CHR9:13491578	SSF x Near_LoA	-8,68797285	0,015	0,298
CHR9	13491625	CHR9:13491625	SSF x Near_LoA	-11,3156762	0,044	0,298
CHR9	13495796	CHR9:13495796	SSF x Near_LoA	-3,583986	0,292	0,284
CHR9	13495885	CHR9:13495885	SSF x Near_LoA	-3,87664984	0,202	0,287
CHR9	13499735	CHR9:13499735	SSF x Near_LoA	-7,80649115	0,116	0,300
CHR9	13499767	CHR9:13499767	SSF x Near_LoA	-9,57800317	0,125	0,306
CHR9	13499775	CHR9:13499775	SSF x Near_LoA	-10,1707799	0,151	0,288
CHR9	13499829	CHR9:13499829	SSF x Near_LoA	-8,21909351	0,110	0,312
CHR9	1350308	CHR9:1350308	SSF x Near_LoA	-6,23741022	0,070	0,314
CHR9	1350435	CHR9:1350435	SSF x Near_LoA	-7,98818705	-0,087	0,300
CHR9	1350524	CHR9:1350524	SSF x Near_LoA	-5,43787737	-0,063	0,324
CHR9	1350570	CHR9:1350570	SSF x Near_LoA	-8,240139	-0,066	0,307
CHR9	13513079	CHR9:13513079	SSF x Near_LoA	-10,7705985	-0,043	0,318
CHR9	13513124	CHR9:13513124	SSF x Near_LoA	-8,72990436	-0,066	0,295
CHR9	13513138	CHR9:13513138	SSF x Near_LoA	-5,320275	-0,226	0,306
CHR9	13513145	CHR9:13513145	SSF x Near_LoA	-11,0019046	-0,052	0,318
CHR9	13513158	CHR9:13513158	SSF x Near_LoA	-8,85125312	-0,074	0,297
CHR9	13514115	CHR9:13514115	SSF x Near_LoA	-11,078451	0,066	0,290
CHR9	13514182	CHR9:13514182	SSF x Near_LoA	-7,96160543	0,045	0,301
CHR9	13514202	CHR9:13514202	SSF x Near_LoA	-8,9988211	0,037	0,314
CHR9	13514211	CHR9:13514211	SSF x Near_LoA	-10,4664476	-0,048	0,323
CHR9	13514214	CHR9:13514214	SSF x Near_LoA	-7,80029751	0,011	0,324
CHR9	13514230	CHR9:13514230	SSF x Near_LoA	-9,8326503	0,091	0,296
CHR9	13514303	CHR9:13514303	SSF x Near_LoA	-9,00754483	-0,065	0,296
CHR9	13515985	CHR9:13515985	SSF x Near_LoA	-9,15088323	0,021	0,315
CHR9	13516122	CHR9:13516122	SSF x Near_LoA	-9,72694169	-0,041	0,304
CHR9	13516174	CHR9:13516174	SSF x Near_LoA	-10,8289	-0,013	0,313
CHR9	1351770	CHR9:1351770	SSF x Near_LoA	-10,2841146	0,038	0,308
CHR9	1351845	CHR9:1351845	SSF x Near_LoA	-10,5691163	-0,063	0,300
CHR9	13521090	CHR9:13521090	SSF x Near_LoA	-8,85376378	0,064	0,321
CHR9	13521120	CHR9:13521120	SSF x Near_LoA	-8,99634394	0,011	0,287
CHR9	13521135	CHR9:13521135	SSF x Near_LoA	-5,58776942	-0,063	0,296
CHR9	13521175	CHR9:13521175	SSF x Near_LoA	-0,98671507	0,024	0,308
CHR9	13521181	CHR9:13521181	SSF x Near_LoA	-9,03163716	-0,025	0,319

CHR9	13525474	CHR9:13525474	SSF x Near_LoA	-10,2875858	-0,051	0,307
CHR9	13525540	CHR9:13525540	SSF x Near_LoA	-9,92792698	0,013	0,309
CHR9	13525572	CHR9:13525572	SSF x Near_LoA	-10,2407466	0,068	0,308
CHR9	13525590	CHR9:13525590	SSF x Near_LoA	-7,55510528	0,076	0,298
CHR9	13538826	CHR9:13538826	SSF x Near_LoA	-11,0618741	0,082	0,311
CHR9	13538865	CHR9:13538865	SSF x Near_LoA	-10,7073655	0,034	0,306
CHR9	13538868	CHR9:13538868	SSF x Near_LoA	-8,75154877	-0,020	0,301
CHR9	13538963	CHR9:13538963	SSF x Near_LoA	-8,96825172	-0,001	0,317
CHR9	13538973	CHR9:13538973	SSF x Near_LoA	-8,97389458	-0,059	0,308
CHR9	13539000	CHR9:13539000	SSF x Near_LoA	-9,91039045	-0,105	0,294
CHR9	13539011	CHR9:13539011	SSF x Near_LoA	-9,72324213	0,099	0,323
CHR9	13539022	CHR9:13539022	SSF x Near_LoA	-10,1128416	-0,041	0,317
CHR9	13539030	CHR9:13539030	SSF x Near_LoA	-9,57709095	0,020	0,298
CHR9	1353998	CHR9:1353998	SSF x Near_LoA	-7,74176322	-0,106	0,309
CHR9	13563456	CHR9:13563456	SSF x Near_LoA	-10,1451236	-0,014	0,315
CHR9	13563460	CHR9:13563460	SSF x Near_LoA	-10,0083199	0,035	0,304
CHR9	13563466	CHR9:13563466	SSF x Near_LoA	-10,8600455	-0,067	0,306
CHR9	13563483	CHR9:13563483	SSF x Near_LoA	-9,55488284	-0,045	0,308
CHR9	13589181	CHR9:13589181	SSF x Near_LoA	-8,39071745	-0,095	0,306
CHR9	13589184	CHR9:13589184	SSF x Near_LoA	-9,23758426	-0,053	0,309
CHR9	13589212	CHR9:13589212	SSF x Near_LoA	-11,7005782	-0,030	0,303
CHR9	13589257	CHR9:13589257	SSF x Near_LoA	-11,3289375	-0,059	0,304
CHR9	13589278	CHR9:13589278	SSF x Near_LoA	-8,94584574	0,119	0,292
CHR9	13589416	CHR9:13589416	SSF x Near_LoA	-7,73908399	0,025	0,292
CHR9	13606867	CHR9:13606867	SSF x Near_LoA	-9,24821165	-0,012	0,311
CHR9	13606990	CHR9:13606990	SSF x Near_LoA	-12,0200761	-0,011	0,297
CHR9	13607243	CHR9:13607243	SSF x Near_LoA	-9,30041824	-0,075	0,321
CHR9	13622459	CHR9:13622459	SSF x Near_LoA	-9,80007817	0,039	0,289
CHR9	13622573	CHR9:13622573	SSF x Near_LoA	-9,35414476	-0,094	0,319
CHR9	1362473	CHR9:1362473	SSF x Near_LoA	-8,55198576	0,102	0,285
CHR9	13629448	CHR9:13629448	SSF x Near_LoA	-11,0987547	0,012	0,313
CHR9	13629497	CHR9:13629497	SSF x Near_LoA	-5,68193633	-0,090	0,307
CHR9	13629516	CHR9:13629516	SSF x Near_LoA	-8,30848099	-0,009	0,306
CHR9	13629531	CHR9:13629531	SSF x Near_LoA	-7,27088161	-0,016	0,296
CHR9	13629535	CHR9:13629535	SSF x Near_LoA	-8,30037869	-0,041	0,300
CHR9	13633608	CHR9:13633608	SSF x Near_LoA	-8,06399737	0,119	0,302
CHR9	13633628	CHR9:13633628	SSF x Near_LoA	-9,57860117	0,070	0,312
CHR9	13633629	CHR9:13633629	SSF x Near_LoA	-10,5001662	0,060	0,309
CHR9	13633630	CHR9:13633630	SSF x Near_LoA	-11,6561429	0,048	0,310
CHR9	13662034	CHR9:13662034	SSF x Near_LoA	-10,3303683	-0,009	0,310
CHR9	13662124	CHR9:13662124	SSF x Near_LoA	-7,99929615	-0,026	0,318
CHR9	13662173	CHR9:13662173	SSF x Near_LoA	-11,4574855	0,136	0,304
CHR9	13662273	CHR9:13662273	SSF x Near_LoA	-5,71970509	-0,101	0,306
CHR9	13666871	CHR9:13666871	SSF x Near_LoA	-9,01923679	-0,078	0,310
CHR9	13666889	CHR9:13666889	SSF x Near_LoA	-10,7738725	0,030	0,308
CHR9	13666943	CHR9:13666943	SSF x Near_LoA	-9,02674538	0,057	0,312
CHR9	13668134	CHR9:13668134	SSF x Near_LoA	-7,78554752	-0,089	0,319
CHR9	13668164	CHR9:13668164	SSF x Near_LoA	-9,4023322	0,066	0,305
CHR9	13668315	CHR9:13668315	SSF x Near_LoA	-11,2296995	0,054	0,302
CHR9	1368463	CHR9:1368463	SSF x Near_LoA	-9,00296716	-0,038	0,310
CHR9	13686275	CHR9:13686275	SSF x Near_LoA	-9,27449129	0,075	0,303
CHR9	13686346	CHR9:13686346	SSF x Near_LoA	-6,96574273	0,134	0,311
CHR9	13688802	CHR9:13688802	SSF x Near_LoA	-6,98247443	0,069	0,301

CHR9	13688902	CHR9:13688902	SSF x Near_LoA	-10,3784014	0,164	0,293
CHR9	13688954	CHR9:13688954	SSF x Near_LoA	-10,5948623	0,008	0,303
CHR9	13688956	CHR9:13688956	SSF x Near_LoA	-9,09625314	0,040	0,317
CHR9	13711293	CHR9:13711293	SSF x Near_LoA	-5,46517263	-0,131	0,303
CHR9	13711294	CHR9:13711294	SSF x Near_LoA	-8,90922441	0,046	0,308
CHR9	13715262	CHR9:13715262	SSF x Near_LoA	-8,21333178	-0,095	0,306
CHR9	13715268	CHR9:13715268	SSF x Near_LoA	-7,25547739	-0,088	0,309
CHR9	13715274	CHR9:13715274	SSF x Near_LoA	-11,2540699	0,110	0,297
CHR9	13715283	CHR9:13715283	SSF x Near_LoA	-10,1669121	0,007	0,302
CHR9	13715289	CHR9:13715289	SSF x Near_LoA	0,30426651	-0,041	0,307
CHR9	13722805	CHR9:13722805	SSF x Near_LoA	-8,48602098	-0,018	0,293
CHR9	13722954	CHR9:13722954	SSF x Near_LoA	-9,17477731	0,032	0,308
CHR9	13727760	CHR9:13727760	SSF x Near_LoA	-9,57953926	0,052	0,305
CHR9	13727785	CHR9:13727785	SSF x Near_LoA	-10,9115977	-0,055	0,309
CHR9	13727862	CHR9:13727862	SSF x Near_LoA	-11,2564202	0,070	0,300
CHR9	13727864	CHR9:13727864	SSF x Near_LoA	-10,4494336	0,065	0,310
CHR9	13738209	CHR9:13738209	SSF x Near_LoA	-9,28919555	0,065	0,305
CHR9	13738264	CHR9:13738264	SSF x Near_LoA	-10,8073267	0,021	0,307
CHR9	13738327	CHR9:13738327	SSF x Near_LoA	-10,7730778	0,077	0,315
CHR9	13738356	CHR9:13738356	SSF x Near_LoA	-8,72459931	-0,091	0,315
CHR9	13738396	CHR9:13738396	SSF x Near_LoA	-11,3819848	0,025	0,310
CHR9	13738398	CHR9:13738398	SSF x Near_LoA	-11,0191334	-0,024	0,312
CHR9	13738475	CHR9:13738475	SSF x Near_LoA	-9,93823853	-0,068	0,301
CHR9	13738510	CHR9:13738510	SSF x Near_LoA	-9,71027166	-0,075	0,295
CHR9	13738520	CHR9:13738520	SSF x Near_LoA	-9,77717809	0,012	0,312
CHR9	13760275	CHR9:13760275	SSF x Near_LoA	-11,125082	0,034	0,295
CHR9	13768874	CHR9:13768874	SSF x Near_LoA	-8,72724548	0,028	0,303
CHR9	13768875	CHR9:13768875	SSF x Near_LoA	-8,4955308	0,119	0,303
CHR9	13768920	CHR9:13768920	SSF x Near_LoA	-8,5308482	0,021	0,321
CHR9	13770466	CHR9:13770466	SSF x Near_LoA	-9,47653888	0,035	0,299
CHR9	13770493	CHR9:13770493	SSF x Near_LoA	-10,2071017	0,084	0,312
CHR9	13770497	CHR9:13770497	SSF x Near_LoA	-10,0365989	-0,046	0,306
CHR9	13770499	CHR9:13770499	SSF x Near_LoA	-10,9575172	-0,004	0,302
CHR9	13770501	CHR9:13770501	SSF x Near_LoA	-9,03547357	0,077	0,307
CHR9	13781166	CHR9:13781166	SSF x Near_LoA	-10,6295349	-0,065	0,306
CHR9	13781244	CHR9:13781244	SSF x Near_LoA	-8,60267665	-0,014	0,314
CHR9	13781277	CHR9:13781277	SSF x Near_LoA	-8,90221727	0,058	0,294
CHR9	13781278	CHR9:13781278	SSF x Near_LoA	-8,84140154	0,032	0,307
CHR9	13781376	CHR9:13781376	SSF x Near_LoA	-10,0901898	0,113	0,304
CHR9	13781403	CHR9:13781403	SSF x Near_LoA	-10,006223	0,088	0,310
CHR9	13781407	CHR9:13781407	SSF x Near_LoA	-9,28936601	0,117	0,317
CHR9	13781416	CHR9:13781416	SSF x Near_LoA	-9,92668235	0,030	0,301
CHR9	13781423	CHR9:13781423	SSF x Near_LoA	-10,7134488	0,113	0,306
CHR9	13781435	CHR9:13781435	SSF x Near_LoA	-9,93568398	0,061	0,299
CHR9	13794536	CHR9:13794536	SSF x Near_LoA	5,47896973	-0,193	0,295
CHR9	13794609	CHR9:13794609	SSF x Near_LoA	-9,2166464	0,035	0,297
CHR9	13794623	CHR9:13794623	SSF x Near_LoA	-9,86582764	-0,023	0,319
CHR9	1379589	CHR9:1379589	SSF x Near_LoA	-11,3768004	-0,030	0,297
CHR9	13798828	CHR9:13798828	SSF x Near_LoA	-9,75511062	0,064	0,308
CHR9	13798830	CHR9:13798830	SSF x Near_LoA	-8,32719216	0,048	0,298
CHR9	13799716	CHR9:13799716	SSF x Near_LoA	-10,2224243	0,091	0,308
CHR9	13812486	CHR9:13812486	SSF x Near_LoA	-9,04462151	-0,063	0,306
CHR9	13816145	CHR9:13816145	SSF x Near_LoA	-8,82022585	0,002	0,312

CHR9	13816149	CHR9:13816149	SSF x Near_LoA	-11,0162315	-0,005	0,307
CHR9	13816162	CHR9:13816162	SSF x Near_LoA	-8,02817459	0,067	0,298
CHR9	13825078	CHR9:13825078	SSF x Near_LoA	-6,95524424	-0,018	0,298
CHR9	13825136	CHR9:13825136	SSF x Near_LoA	-9,65608105	0,016	0,315
CHR9	13825336	CHR9:13825336	SSF x Near_LoA	-9,1198714	0,035	0,298
CHR9	13826516	CHR9:13826516	SSF x Near_LoA	-10,3586074	0,005	0,303
CHR9	13826547	CHR9:13826547	SSF x Near_LoA	-9,95103277	-0,009	0,309
CHR9	13826618	CHR9:13826618	SSF x Near_LoA	-8,73363539	0,037	0,298
CHR9	13826630	CHR9:13826630	SSF x Near_LoA	-11,2396827	0,025	0,301
CHR9	13863346	CHR9:13863346	SSF x Near_LoA	-9,91414109	-0,032	0,307
CHR9	13868230	CHR9:13868230	SSF x Near_LoA	-12,2886665	0,053	0,300
CHR9	13868274	CHR9:13868274	SSF x Near_LoA	-10,8226571	0,042	0,307
CHR9	13879536	CHR9:13879536	SSF x Near_LoA	-8,75019001	-0,024	0,304
CHR9	13879543	CHR9:13879543	SSF x Near_LoA	-11,1132931	0,001	0,326
CHR9	13879595	CHR9:13879595	SSF x Near_LoA	-9,03562689	0,070	0,314
CHR9	13879628	CHR9:13879628	SSF x Near_LoA	-9,20746965	0,089	0,304
CHR9	13879747	CHR9:13879747	SSF x Near_LoA	-9,35967179	-0,015	0,304
CHR9	13879776	CHR9:13879776	SSF x Near_LoA	-9,32608983	-0,055	0,298
CHR9	13905998	CHR9:13905998	SSF x Near_LoA	-10,4477187	0,028	0,310
CHR9	13906098	CHR9:13906098	SSF x Near_LoA	-9,17676382	0,090	0,311
CHR9	13908220	CHR9:13908220	SSF x Near_LoA	-8,38105437	-0,090	0,319
CHR9	13908273	CHR9:13908273	SSF x Near_LoA	-10,7506451	-0,024	0,309
CHR9	13908279	CHR9:13908279	SSF x Near_LoA	-8,08823422	0,084	0,319
CHR9	13911822	CHR9:13911822	SSF x Near_LoA	-8,66083491	-0,080	0,319
CHR9	13911824	CHR9:13911824	SSF x Near_LoA	-9,05865548	-0,076	0,311
CHR9	13911837	CHR9:13911837	SSF x Near_LoA	-9,90391574	-0,039	0,314
CHR9	13911845	CHR9:13911845	SSF x Near_LoA	-3,25090606	0,118	0,317
CHR9	13911854	CHR9:13911854	SSF x Near_LoA	-7,57835401	0,087	0,311
CHR9	13911866	CHR9:13911866	SSF x Near_LoA	-7,49779216	0,134	0,304
CHR9	13911868	CHR9:13911868	SSF x Near_LoA	-7,2644634	0,116	0,297
CHR9	13911904	CHR9:13911904	SSF x Near_LoA	-8,53223457	-0,101	0,306
CHR9	13911917	CHR9:13911917	SSF x Near_LoA	-9,43148146	0,003	0,294
CHR9	13911924	CHR9:13911924	SSF x Near_LoA	-8,64553598	0,016	0,314
CHR9	13911930	CHR9:13911930	SSF x Near_LoA	-9,14515505	0,019	0,303
CHR9	13911932	CHR9:13911932	SSF x Near_LoA	-10,5262862	-0,008	0,316
CHR9	13912938	CHR9:13912938	SSF x Near_LoA	-12,3499273	-0,052	0,302
CHR9	13922527	CHR9:13922527	SSF x Near_LoA	-9,07472334	0,083	0,290
CHR9	13922590	CHR9:13922590	SSF x Near_LoA	-8,98740247	-0,159	0,301
CHR9	13922612	CHR9:13922612	SSF x Near_LoA	-6,78234939	0,166	0,283
CHR9	13923093	CHR9:13923093	SSF x Near_LoA	-9,28691268	-0,114	0,306
CHR9	13923172	CHR9:13923172	SSF x Near_LoA	-8,16551294	-0,040	0,300
CHR9	13926507	CHR9:13926507	SSF x Near_LoA	-11,0732375	-0,026	0,302
CHR9	13926511	CHR9:13926511	SSF x Near_LoA	-8,80730239	0,015	0,304
CHR9	13926616	CHR9:13926616	SSF x Near_LoA	-10,7986588	0,048	0,316
CHR9	13926660	CHR9:13926660	SSF x Near_LoA	-9,11609995	0,097	0,305
CHR9	13926679	CHR9:13926679	SSF x Near_LoA	-10,2533215	0,074	0,292
CHR9	13926764	CHR9:13926764	SSF x Near_LoA	-11,638248	0,020	0,296
CHR9	13928113	CHR9:13928113	SSF x Near_LoA	-8,11465275	-0,067	0,308
CHR9	13936576	CHR9:13936576	SSF x Near_LoA	-8,47607744	0,064	0,315
CHR9	13936735	CHR9:13936735	SSF x Near_LoA	-8,78314108	-0,099	0,298
CHR9	13936746	CHR9:13936746	SSF x Near_LoA	-10,2357533	0,033	0,320
CHR9	13936783	CHR9:13936783	SSF x Near_LoA	-8,98577048	0,065	0,303
CHR9	13943168	CHR9:13943168	SSF x Near_LoA	-8,76420537	-0,088	0,307

CHR9	13943260	CHR9:13943260	SSF x Near_LoA	-6,71977458	0,177	0,289
CHR9	13943301	CHR9:13943301	SSF x Near_LoA	-11,5754186	-0,100	0,306
CHR9	13943351	CHR9:13943351	SSF x Near_LoA	-11,828736	0,004	0,308
CHR9	13951622	CHR9:13951622	SSF x Near_LoA	-9,76166328	0,063	0,296
CHR9	13951649	CHR9:13951649	SSF x Near_LoA	-8,10629959	0,051	0,316
CHR9	13951703	CHR9:13951703	SSF x Near_LoA	-8,92748602	0,010	0,314
CHR9	13952039	CHR9:13952039	SSF x Near_LoA	-9,43398046	-0,018	0,317
CHR9	13952049	CHR9:13952049	SSF x Near_LoA	-11,0016999	0,016	0,321
CHR9	13952153	CHR9:13952153	SSF x Near_LoA	-8,94340038	0,063	0,299
CHR9	13952155	CHR9:13952155	SSF x Near_LoA	-8,96091188	0,017	0,315
CHR9	13970419	CHR9:13970419	SSF x Near_LoA	-8,74422219	0,102	0,304
CHR9	13981601	CHR9:13981601	SSF x Near_LoA	-5,38044397	0,119	0,320
CHR9	13981715	CHR9:13981715	SSF x Near_LoA	-9,21595793	0,055	0,301
CHR9	13991461	CHR9:13991461	SSF x Near_LoA	-10,5151881	-0,017	0,303
CHR9	13991572	CHR9:13991572	SSF x Near_LoA	-12,1720383	-0,022	0,290
CHR9	13994634	CHR9:13994634	SSF x Near_LoA	-11,0446089	0,058	0,303
CHR9	140142	CHR9:140142	SSF x Near_LoA	-7,77520328	-0,049	0,303
CHR9	14027498	CHR9:14027498	SSF x Near_LoA	-9,92186654	-0,005	0,323
CHR9	14027499	CHR9:14027499	SSF x Near_LoA	-10,3636715	-0,017	0,310
CHR9	14027501	CHR9:14027501	SSF x Near_LoA	-10,5190138	0,026	0,318
CHR9	14027517	CHR9:14027517	SSF x Near_LoA	-10,7059937	-0,015	0,310
CHR9	14043712	CHR9:14043712	SSF x Near_LoA	-7,1581324	0,079	0,304
CHR9	14043728	CHR9:14043728	SSF x Near_LoA	-8,62060319	0,086	0,305
CHR9	14043729	CHR9:14043729	SSF x Near_LoA	-8,99491028	0,073	0,302
CHR9	14043735	CHR9:14043735	SSF x Near_LoA	-8,85692314	0,059	0,301
CHR9	14043736	CHR9:14043736	SSF x Near_LoA	-8,01321177	0,067	0,313
CHR9	14043755	CHR9:14043755	SSF x Near_LoA	-9,75179837	0,003	0,308
CHR9	14043756	CHR9:14043756	SSF x Near_LoA	-9,86555089	0,087	0,313
CHR9	14043760	CHR9:14043760	SSF x Near_LoA	-10,0045532	-0,065	0,297
CHR9	14045129	CHR9:14045129	SSF x Near_LoA	-9,77814785	0,017	0,307
CHR9	14045183	CHR9:14045183	SSF x Near_LoA	-12,6166696	-0,035	0,299
CHR9	14046332	CHR9:14046332	SSF x Near_LoA	-9,99764074	0,077	0,296
CHR9	14049555	CHR9:14049555	SSF x Near_LoA	-9,11900348	0,063	0,312
CHR9	14049586	CHR9:14049586	SSF x Near_LoA	-10,1975458	-0,094	0,315
CHR9	14049595	CHR9:14049595	SSF x Near_LoA	-9,77961591	-0,088	0,308
CHR9	14049964	CHR9:14049964	SSF x Near_LoA	-11,959521	0,027	0,332
CHR9	14049992	CHR9:14049992	SSF x Near_LoA	-12,591367	-0,008	0,309
CHR9	14050078	CHR9:14050078	SSF x Near_LoA	-8,57987009	0,065	0,324
CHR9	14058237	CHR9:14058237	SSF x Near_LoA	-9,99152858	0,057	0,309
CHR9	14058314	CHR9:14058314	SSF x Near_LoA	-10,6115319	-0,035	0,321
CHR9	14058471	CHR9:14058471	SSF x Near_LoA	-4,4526631	-0,047	0,315
CHR9	14058479	CHR9:14058479	SSF x Near_LoA	4,92965406	-0,084	0,312
CHR9	14058499	CHR9:14058499	SSF x Near_LoA	-8,08081765	0,136	0,293
CHR9	14063243	CHR9:14063243	SSF x Near_LoA	-8,14124272	-0,033	0,315
CHR9	14063259	CHR9:14063259	SSF x Near_LoA	-8,80468312	-0,037	0,318
CHR9	14063285	CHR9:14063285	SSF x Near_LoA	-5,68223575	-0,225	0,283
CHR9	14063293	CHR9:14063293	SSF x Near_LoA	-10,2474102	0,075	0,305
CHR9	14080811	CHR9:14080811	SSF x Near_LoA	-10,9472718	-0,039	0,306
CHR9	14080858	CHR9:14080858	SSF x Near_LoA	-11,1877625	-0,087	0,303
CHR9	1409099	CHR9:1409099	SSF x Near_LoA	-5,06944811	0,204	0,291
CHR9	1409129	CHR9:1409129	SSF x Near_LoA	3,65125148	0,132	0,295
CHR9	1409218	CHR9:1409218	SSF x Near_LoA	-10,38693	0,008	0,305
CHR9	1409369	CHR9:1409369	SSF x Near_LoA	-11,2712714	-0,048	0,303

CHR9	14108445	CHR9:14108445	SSF x Near_LoA	-9,58037757	-0,094	0,301
CHR9	14112293	CHR9:14112293	SSF x Near_LoA	-10,3477813	-0,112	0,289
CHR9	14112295	CHR9:14112295	SSF x Near_LoA	-7,95273885	-0,097	0,313
CHR9	14112341	CHR9:14112341	SSF x Near_LoA	-9,33761182	0,103	0,305
CHR9	14112395	CHR9:14112395	SSF x Near_LoA	-9,79896288	-0,112	0,311
CHR9	14112433	CHR9:14112433	SSF x Near_LoA	-10,0583003	0,050	0,294
CHR9	14112469	CHR9:14112469	SSF x Near_LoA	-9,01237143	-0,022	0,295
CHR9	14112471	CHR9:14112471	SSF x Near_LoA	-9,42389035	-0,030	0,310
CHR9	14112557	CHR9:14112557	SSF x Near_LoA	-7,47309588	-0,037	0,308
CHR9	1412414	CHR9:1412414	SSF x Near_LoA	-8,3005985	-0,003	0,306
CHR9	1412444	CHR9:1412444	SSF x Near_LoA	-8,31592578	0,067	0,324
CHR9	14125221	CHR9:14125221	SSF x Near_LoA	-10,8491117	0,020	0,295
CHR9	14125224	CHR9:14125224	SSF x Near_LoA	-10,6029627	-0,029	0,317
CHR9	14125384	CHR9:14125384	SSF x Near_LoA	-9,52600826	-0,020	0,309
CHR9	14129210	CHR9:14129210	SSF x Near_LoA	-9,48629711	-0,103	0,288
CHR9	14143015	CHR9:14143015	SSF x Near_LoA	-7,62929631	0,042	0,315
CHR9	14143100	CHR9:14143100	SSF x Near_LoA	-7,55808017	0,030	0,314
CHR9	1415637	CHR9:1415637	SSF x Near_LoA	-7,44991865	0,166	0,308
CHR9	1415779	CHR9:1415779	SSF x Near_LoA	-10,5844349	0,041	0,312
CHR9	1415824	CHR9:1415824	SSF x Near_LoA	-9,07272952	-0,062	0,311
CHR9	1415909	CHR9:1415909	SSF x Near_LoA	-7,51871756	-0,072	0,311
CHR9	14163868	CHR9:14163868	SSF x Near_LoA	-12,4981515	0,028	0,296
CHR9	14175907	CHR9:14175907	SSF x Near_LoA	-11,6081145	-0,045	0,298
CHR9	14175911	CHR9:14175911	SSF x Near_LoA	-11,3861898	-0,050	0,295
CHR9	14176051	CHR9:14176051	SSF x Near_LoA	-9,8388621	-0,052	0,301
CHR9	14184616	CHR9:14184616	SSF x Near_LoA	-9,8897901	0,099	0,312
CHR9	14184641	CHR9:14184641	SSF x Near_LoA	-10,7143427	0,052	0,300
CHR9	14184644	CHR9:14184644	SSF x Near_LoA	-10,2918647	0,080	0,312
CHR9	14184653	CHR9:14184653	SSF x Near_LoA	-8,48222421	0,051	0,319
CHR9	14184661	CHR9:14184661	SSF x Near_LoA	-6,76972962	0,086	0,314
CHR9	14184669	CHR9:14184669	SSF x Near_LoA	-10,7398915	0,046	0,317
CHR9	14200981	CHR9:14200981	SSF x Near_LoA	-10,7905301	-0,063	0,309
CHR9	1420579	CHR9:1420579	SSF x Near_LoA	-10,5409188	-0,042	0,321
CHR9	14211587	CHR9:14211587	SSF x Near_LoA	-8,62238396	-0,008	0,307
CHR9	14211630	CHR9:14211630	SSF x Near_LoA	-8,68076424	-0,025	0,313
CHR9	14211640	CHR9:14211640	SSF x Near_LoA	-9,10576921	0,020	0,310
CHR9	14211653	CHR9:14211653	SSF x Near_LoA	-8,39586024	0,013	0,316
CHR9	14211711	CHR9:14211711	SSF x Near_LoA	-7,77314359	-0,047	0,322
CHR9	14218657	CHR9:14218657	SSF x Near_LoA	-9,17692057	0,122	0,305
CHR9	14224390	CHR9:14224390	SSF x Near_LoA	-7,58780095	-0,109	0,302
CHR9	14251026	CHR9:14251026	SSF x Near_LoA	-7,54279927	0,018	0,316
CHR9	14258728	CHR9:14258728	SSF x Near_LoA	-10,2210844	0,041	0,296
CHR9	14258731	CHR9:14258731	SSF x Near_LoA	-10,3377668	0,012	0,290
CHR9	14258816	CHR9:14258816	SSF x Near_LoA	-10,7918078	-0,012	0,310
CHR9	1427423	CHR9:1427423	SSF x Near_LoA	-11,3639811	-0,069	0,303
CHR9	1431981	CHR9:1431981	SSF x Near_LoA	-9,94963781	0,071	0,311
CHR9	1432098	CHR9:1432098	SSF x Near_LoA	-9,23309334	0,038	0,298
CHR9	1432185	CHR9:1432185	SSF x Near_LoA	-7,91675514	0,175	0,299
CHR9	1432192	CHR9:1432192	SSF x Near_LoA	-8,29686931	-0,108	0,316
CHR9	1432289	CHR9:1432289	SSF x Near_LoA	-8,30423646	0,082	0,303
CHR9	14378987	CHR9:14378987	SSF x Near_LoA	-10,6594434	-0,005	0,294
CHR9	14393794	CHR9:14393794	SSF x Near_LoA	-6,00509124	0,081	0,306
CHR9	14393814	CHR9:14393814	SSF x Near_LoA	-5,57371612	0,096	0,308

CHR9	14403482	CHR9:14403482	SSF x Near_LoA	-7,8801521	-0,003	0,314
CHR9	14403536	CHR9:14403536	SSF x Near_LoA	-7,509429	-0,037	0,335
CHR9	14403720	CHR9:14403720	SSF x Near_LoA	-5,94948157	0,017	0,318
CHR9	14403729	CHR9:14403729	SSF x Near_LoA	-9,51478002	-0,009	0,325
CHR9	14403800	CHR9:14403800	SSF x Near_LoA	-8,41532078	0,002	0,317
CHR9	14405749	CHR9:14405749	SSF x Near_LoA	-8,73557106	-0,008	0,314
CHR9	14405786	CHR9:14405786	SSF x Near_LoA	-6,9653926	0,022	0,323
CHR9	14405790	CHR9:14405790	SSF x Near_LoA	-8,30283751	0,007	0,330
CHR9	14426549	CHR9:14426549	SSF x Near_LoA	-10,0760541	-0,021	0,296
CHR9	14457773	CHR9:14457773	SSF x Near_LoA	-10,6255983	-0,013	0,312
CHR9	14458045	CHR9:14458045	SSF x Near_LoA	-10,5441644	-0,046	0,301
CHR9	14472720	CHR9:14472720	SSF x Near_LoA	-10,1782774	0,043	0,304
CHR9	14472748	CHR9:14472748	SSF x Near_LoA	-10,4966729	0,019	0,302
CHR9	14472760	CHR9:14472760	SSF x Near_LoA	-10,047	0,027	0,301
CHR9	14472761	CHR9:14472761	SSF x Near_LoA	-1,95048473	-0,015	0,317
CHR9	14472776	CHR9:14472776	SSF x Near_LoA	-9,93740581	0,036	0,316
CHR9	14472794	CHR9:14472794	SSF x Near_LoA	-10,3443059	0,025	0,309
CHR9	14478155	CHR9:14478155	SSF x Near_LoA	-3,42800938	-0,119	0,308
CHR9	14478202	CHR9:14478202	SSF x Near_LoA	-10,4202869	0,022	0,317
CHR9	14517529	CHR9:14517529	SSF x Near_LoA	-8,98051099	-0,061	0,321
CHR9	14545017	CHR9:14545017	SSF x Near_LoA	-7,06934877	0,003	0,330
CHR9	14545026	CHR9:14545026	SSF x Near_LoA	-8,63723293	0,009	0,320
CHR9	14545066	CHR9:14545066	SSF x Near_LoA	-7,91455946	-0,026	0,326
CHR9	14545094	CHR9:14545094	SSF x Near_LoA	-8,14388363	0,014	0,323
CHR9	14547725	CHR9:14547725	SSF x Near_LoA	-5,49557451	-0,008	0,316
CHR9	14547778	CHR9:14547778	SSF x Near_LoA	-8,82050965	0,001	0,311
CHR9	14547788	CHR9:14547788	SSF x Near_LoA	-7,05386003	-0,003	0,327
CHR9	14547791	CHR9:14547791	SSF x Near_LoA	-7,05350892	-0,023	0,334
CHR9	14547805	CHR9:14547805	SSF x Near_LoA	-8,92237661	0,007	0,313
CHR9	14547818	CHR9:14547818	SSF x Near_LoA	-8,59309092	-0,016	0,318
CHR9	14547821	CHR9:14547821	SSF x Near_LoA	-8,15201992	-0,011	0,313
CHR9	14547825	CHR9:14547825	SSF x Near_LoA	-8,58145502	0,001	0,321
CHR9	14547855	CHR9:14547855	SSF x Near_LoA	-7,5792396	-0,029	0,338
CHR9	14547861	CHR9:14547861	SSF x Near_LoA	-8,5468802	0,009	0,317
CHR9	14548226	CHR9:14548226	SSF x Near_LoA	-9,39733358	0,020	0,302
CHR9	14548231	CHR9:14548231	SSF x Near_LoA	-7,26406408	-0,018	0,311
CHR9	14548234	CHR9:14548234	SSF x Near_LoA	-7,19880117	0,013	0,318
CHR9	14548242	CHR9:14548242	SSF x Near_LoA	-7,53683013	-0,032	0,308
CHR9	14548252	CHR9:14548252	SSF x Near_LoA	-8,87119053	-0,008	0,325
CHR9	14548254	CHR9:14548254	SSF x Near_LoA	-7,96094781	-0,013	0,310
CHR9	14548265	CHR9:14548265	SSF x Near_LoA	-6,28971093	-0,003	0,311
CHR9	14548273	CHR9:14548273	SSF x Near_LoA	-9,13809719	-0,018	0,314
CHR9	14548275	CHR9:14548275	SSF x Near_LoA	-7,78438172	-0,031	0,312
CHR9	14548287	CHR9:14548287	SSF x Near_LoA	-8,95063942	0,009	0,319
CHR9	14548290	CHR9:14548290	SSF x Near_LoA	-8,78166448	-0,015	0,310
CHR9	14548291	CHR9:14548291	SSF x Near_LoA	-8,72715162	-0,015	0,318
CHR9	14548293	CHR9:14548293	SSF x Near_LoA	-8,31493153	-0,022	0,317
CHR9	14548306	CHR9:14548306	SSF x Near_LoA	-8,6182213	-0,007	0,315
CHR9	14548308	CHR9:14548308	SSF x Near_LoA	-7,90981067	-0,010	0,323
CHR9	14548314	CHR9:14548314	SSF x Near_LoA	-6,11497857	-0,052	0,306
CHR9	14548328	CHR9:14548328	SSF x Near_LoA	-8,99892257	0,005	0,313
CHR9	14552457	CHR9:14552457	SSF x Near_LoA	-9,66300908	-0,057	0,299
CHR9	14555741	CHR9:14555741	SSF x Near_LoA	-1,36532593	-0,058	0,312

CHR9	14557628	CHR9:14557628	SSF x Near_LoA	-9,43414044	-0,070	0,307
CHR9	14559190	CHR9:14559190	SSF x Near_LoA	-7,79597294	0,016	0,311
CHR9	14644020	CHR9:14644020	SSF x Near_LoA	-8,79323246	-0,080	0,311
CHR9	14647002	CHR9:14647002	SSF x Near_LoA	-10,8856944	0,127	0,289
CHR9	1464814	CHR9:1464814	SSF x Near_LoA	-9,8431456	-0,001	0,306
CHR9	1465793	CHR9:1465793	SSF x Near_LoA	-11,2122124	0,077	0,293
CHR9	1465839	CHR9:1465839	SSF x Near_LoA	-8,09158562	0,121	0,305
CHR9	1465841	CHR9:1465841	SSF x Near_LoA	-9,65583084	0,014	0,304
CHR9	14670739	CHR9:14670739	SSF x Near_LoA	-9,29564056	-0,127	0,302
CHR9	14682003	CHR9:14682003	SSF x Near_LoA	-6,31250276	0,147	0,306
CHR9	14688530	CHR9:14688530	SSF x Near_LoA	-8,22945676	0,009	0,322
CHR9	1470724	CHR9:1470724	SSF x Near_LoA	-8,41119094	-0,039	0,304
CHR9	14707296	CHR9:14707296	SSF x Near_LoA	-9,26599098	-0,003	0,317
CHR9	1470766	CHR9:1470766	SSF x Near_LoA	-8,82395707	-0,055	0,306
CHR9	14714383	CHR9:14714383	SSF x Near_LoA	-7,27814555	-0,005	0,315
CHR9	14717650	CHR9:14717650	SSF x Near_LoA	-8,20179576	0,000	0,315
CHR9	14717747	CHR9:14717747	SSF x Near_LoA	-8,87750105	0,039	0,302
CHR9	14726612	CHR9:14726612	SSF x Near_LoA	-3,09036575	-0,002	0,320
CHR9	14729129	CHR9:14729129	SSF x Near_LoA	-4,13869895	-0,051	0,326
CHR9	14737081	CHR9:14737081	SSF x Near_LoA	-4,32295926	0,094	0,300
CHR9	14747188	CHR9:14747188	SSF x Near_LoA	-9,96215037	0,038	0,302
CHR9	14767450	CHR9:14767450	SSF x Near_LoA	-3,71416099	-0,146	0,309
CHR9	14787239	CHR9:14787239	SSF x Near_LoA	-7,07444299	-0,070	0,308
CHR9	14787406	CHR9:14787406	SSF x Near_LoA	-8,31323931	-0,156	0,299
CHR9	14855966	CHR9:14855966	SSF x Near_LoA	-9,05135439	-0,088	0,307
CHR9	14866644	CHR9:14866644	SSF x Near_LoA	-6,13805743	0,158	0,302
CHR9	14873809	CHR9:14873809	SSF x Near_LoA	-8,69191554	-0,044	0,307
CHR9	14893658	CHR9:14893658	SSF x Near_LoA	-10,6359631	0,094	0,291
CHR9	14906891	CHR9:14906891	SSF x Near_LoA	-8,36889826	0,014	0,309
CHR9	14906895	CHR9:14906895	SSF x Near_LoA	-8,61715398	-0,001	0,319
CHR9	14922686	CHR9:14922686	SSF x Near_LoA	-9,05459757	0,114	0,314
CHR9	14949736	CHR9:14949736	SSF x Near_LoA	-6,83335605	-0,043	0,318
CHR9	14962468	CHR9:14962468	SSF x Near_LoA	-8,02416756	-0,049	0,316
CHR9	14962576	CHR9:14962576	SSF x Near_LoA	-7,38042773	-0,030	0,314
CHR9	14974833	CHR9:14974833	SSF x Near_LoA	-5,74957904	-0,018	0,316
CHR9	14978806	CHR9:14978806	SSF x Near_LoA	-9,21340677	0,099	0,299
CHR9	14982996	CHR9:14982996	SSF x Near_LoA	-7,55125582	0,183	0,288
CHR9	14983259	CHR9:14983259	SSF x Near_LoA	-9,30668354	-0,015	0,313
CHR9	14983283	CHR9:14983283	SSF x Near_LoA	-8,3822963	-0,018	0,324
CHR9	14983346	CHR9:14983346	SSF x Near_LoA	-9,47217653	-0,017	0,315
CHR9	14983352	CHR9:14983352	SSF x Near_LoA	-8,64832695	0,012	0,322
CHR9	15000558	CHR9:15000558	SSF x Near_LoA	-4,76631496	-0,226	0,286
CHR9	15000613	CHR9:15000613	SSF x Near_LoA	-7,26325331	-0,184	0,288
CHR9	15016341	CHR9:15016341	SSF x Near_LoA	-5,04879351	-0,219	0,295
CHR9	15016525	CHR9:15016525	SSF x Near_LoA	-8,55537785	-0,081	0,312
CHR9	15020370	CHR9:15020370	SSF x Near_LoA	-10,5693032	0,109	0,297
CHR9	15020407	CHR9:15020407	SSF x Near_LoA	-6,20517063	-0,150	0,303
CHR9	15020739	CHR9:15020739	SSF x Near_LoA	-7,15916821	-0,210	0,286
CHR9	15033935	CHR9:15033935	SSF x Near_LoA	-8,3912506	-0,184	0,278
CHR9	15033948	CHR9:15033948	SSF x Near_LoA	-4,13485047	-0,081	0,313
CHR9	15033964	CHR9:15033964	SSF x Near_LoA	-7,5835139	-0,104	0,307
CHR9	15034061	CHR9:15034061	SSF x Near_LoA	-8,67616838	-0,079	0,298
CHR9	1504051	CHR9:1504051	SSF x Near_LoA	-9,55862452	0,098	0,302

CHR9	1504106	CHR9:1504106	SSF x Near_LoA	-8,25073022	0,168	0,305
CHR9	1504125	CHR9:1504125	SSF x Near_LoA	-10,3421573	-0,034	0,306
CHR9	15041335	CHR9:15041335	SSF x Near_LoA	-10,7423559	-0,062	0,318
CHR9	15046088	CHR9:15046088	SSF x Near_LoA	-4,52267755	-0,097	0,320
CHR9	1506456	CHR9:1506456	SSF x Near_LoA	-10,3167798	0,028	0,307
CHR9	1506507	CHR9:1506507	SSF x Near_LoA	-7,14845134	0,074	0,294
CHR9	1506572	CHR9:1506572	SSF x Near_LoA	-8,76857814	0,020	0,307
CHR9	1506651	CHR9:1506651	SSF x Near_LoA	-7,96183162	-0,028	0,318
CHR9	1506652	CHR9:1506652	SSF x Near_LoA	-11,3679159	-0,030	0,311
CHR9	1506675	CHR9:1506675	SSF x Near_LoA	-10,1865951	0,025	0,311
CHR9	15093938	CHR9:15093938	SSF x Near_LoA	-7,65864318	-0,120	0,300
CHR9	15128678	CHR9:15128678	SSF x Near_LoA	-8,0632618	0,092	0,318
CHR9	1514929	CHR9:1514929	SSF x Near_LoA	-6,57184959	0,074	0,311
CHR9	15151599	CHR9:15151599	SSF x Near_LoA	-6,77051971	-0,133	0,290
CHR9	15151810	CHR9:15151810	SSF x Near_LoA	-4,38169269	-0,107	0,296
CHR9	15159901	CHR9:15159901	SSF x Near_LoA	-0,42110449	-0,107	0,283
CHR9	15173944	CHR9:15173944	SSF x Near_LoA	-8,08984451	-0,124	0,304
CHR9	15188012	CHR9:15188012	SSF x Near_LoA	-7,65593135	-0,126	0,294
CHR9	1520325	CHR9:1520325	SSF x Near_LoA	-9,41651388	-0,057	0,303
CHR9	1520426	CHR9:1520426	SSF x Near_LoA	-8,6332144	-0,032	0,319
CHR9	15228943	CHR9:15228943	SSF x Near_LoA	12,3285495	-0,052	0,311
CHR9	15232991	CHR9:15232991	SSF x Near_LoA	-10,0072259	0,051	0,308
CHR9	1523535	CHR9:1523535	SSF x Near_LoA	-10,3606641	0,067	0,308
CHR9	1523579	CHR9:1523579	SSF x Near_LoA	-8,70953034	0,056	0,314
CHR9	1523585	CHR9:1523585	SSF x Near_LoA	-4,86059577	-0,168	0,297
CHR9	1526234	CHR9:1526234	SSF x Near_LoA	-9,04005803	-0,019	0,315
CHR9	1526266	CHR9:1526266	SSF x Near_LoA	-9,91425459	-0,013	0,315
CHR9	1526310	CHR9:1526310	SSF x Near_LoA	-11,7716667	-0,035	0,314
CHR9	1526350	CHR9:1526350	SSF x Near_LoA	-9,58711155	-0,069	0,301
CHR9	15279073	CHR9:15279073	SSF x Near_LoA	-7,70488422	0,010	0,294
CHR9	15295496	CHR9:15295496	SSF x Near_LoA	-7,87662953	-0,121	0,308
CHR9	15295655	CHR9:15295655	SSF x Near_LoA	-6,81925474	-0,103	0,307
CHR9	1530019	CHR9:1530019	SSF x Near_LoA	-5,15895801	0,071	0,305
CHR9	15302797	CHR9:15302797	SSF x Near_LoA	-7,91769995	-0,085	0,303
CHR9	1530297	CHR9:1530297	SSF x Near_LoA	-9,13392974	-0,060	0,308
CHR9	15311218	CHR9:15311218	SSF x Near_LoA	-11,3281199	0,005	0,304
CHR9	15311261	CHR9:15311261	SSF x Near_LoA	-11,0101547	0,006	0,311
CHR9	15320610	CHR9:15320610	SSF x Near_LoA	-8,86177258	-0,042	0,310
CHR9	15326265	CHR9:15326265	SSF x Near_LoA	-11,4391394	-0,028	0,299
CHR9	1532732	CHR9:1532732	SSF x Near_LoA	-4,27868427	0,082	0,300
CHR9	1532744	CHR9:1532744	SSF x Near_LoA	-10,2300411	0,038	0,311
CHR9	15340433	CHR9:15340433	SSF x Near_LoA	-7,62991285	-0,074	0,307
CHR9	1537723	CHR9:1537723	SSF x Near_LoA	-7,81913011	0,026	0,309
CHR9	1537825	CHR9:1537825	SSF x Near_LoA	-8,21934844	0,083	0,314
CHR9	1537935	CHR9:1537935	SSF x Near_LoA	-8,63241974	0,114	0,309
CHR9	1537949	CHR9:1537949	SSF x Near_LoA	-7,43281675	0,111	0,304
CHR9	15390844	CHR9:15390844	SSF x Near_LoA	-10,6152595	-0,029	0,306
CHR9	15423551	CHR9:15423551	SSF x Near_LoA	-10,1951081	-0,024	0,304
CHR9	15423552	CHR9:15423552	SSF x Near_LoA	-8,45001081	-0,049	0,304
CHR9	15430431	CHR9:15430431	SSF x Near_LoA	-9,70485444	0,063	0,317
CHR9	1544783	CHR9:1544783	SSF x Near_LoA	-8,7464269	0,075	0,296
CHR9	1544812	CHR9:1544812	SSF x Near_LoA	-7,36336275	0,031	0,304
CHR9	1544825	CHR9:1544825	SSF x Near_LoA	-7,62232862	0,014	0,313

CHR9	1544846	CHR9:1544846	SSF x Near_LoA	-8,94470916	0,038	0,303
CHR9	1547449	CHR9:1547449	SSF x Near_LoA	-10,8277376	0,016	0,312
CHR9	1547469	CHR9:1547469	SSF x Near_LoA	-11,7240869	-0,029	0,306
CHR9	15481303	CHR9:15481303	SSF x Near_LoA	-6,45260102	-0,117	0,306
CHR9	15513397	CHR9:15513397	SSF x Near_LoA	-8,4758996	-0,003	0,298
CHR9	15513433	CHR9:15513433	SSF x Near_LoA	-6,90596464	-0,063	0,313
CHR9	1551764	CHR9:1551764	SSF x Near_LoA	-10,9465014	-0,007	0,300
CHR9	15584796	CHR9:15584796	SSF x Near_LoA	-7,96425164	-0,006	0,316
CHR9	15584862	CHR9:15584862	SSF x Near_LoA	-9,11480525	-0,009	0,311
CHR9	15584879	CHR9:15584879	SSF x Near_LoA	-6,99049147	-0,060	0,309
CHR9	15584898	CHR9:15584898	SSF x Near_LoA	-8,75470937	0,026	0,295
CHR9	15584916	CHR9:15584916	SSF x Near_LoA	-8,548571	-0,021	0,315
CHR9	15584932	CHR9:15584932	SSF x Near_LoA	-8,08069261	0,007	0,323
CHR9	15584948	CHR9:15584948	SSF x Near_LoA	-8,8565238	-0,007	0,320
CHR9	15584949	CHR9:15584949	SSF x Near_LoA	-7,70648305	0,005	0,323
CHR9	15584963	CHR9:15584963	SSF x Near_LoA	-8,74930532	0,000	0,321
CHR9	15584966	CHR9:15584966	SSF x Near_LoA	-0,31990715	0,023	0,324
CHR9	1560120	CHR9:1560120	SSF x Near_LoA	-12,0740317	-0,032	0,303
CHR9	1560147	CHR9:1560147	SSF x Near_LoA	-10,7900161	0,100	0,309
CHR9	1560157	CHR9:1560157	SSF x Near_LoA	-8,64793792	0,025	0,306
CHR9	1560268	CHR9:1560268	SSF x Near_LoA	-7,4108236	0,028	0,295
CHR9	15630016	CHR9:15630016	SSF x Near_LoA	-7,64534615	-0,066	0,321
CHR9	1566302	CHR9:1566302	SSF x Near_LoA	-9,88256871	0,009	0,307
CHR9	1566314	CHR9:1566314	SSF x Near_LoA	-7,42498542	-0,120	0,318
CHR9	15730983	CHR9:15730983	SSF x Near_LoA	-9,07914699	-0,013	0,320
CHR9	15730994	CHR9:15730994	SSF x Near_LoA	-7,95485311	-0,002	0,319
CHR9	15731018	CHR9:15731018	SSF x Near_LoA	-6,8031647	-0,002	0,322
CHR9	15731024	CHR9:15731024	SSF x Near_LoA	-9,11124794	0,009	0,307
CHR9	15731033	CHR9:15731033	SSF x Near_LoA	-8,45211156	0,024	0,328
CHR9	15731060	CHR9:15731060	SSF x Near_LoA	-8,09702914	-0,027	0,315
CHR9	15731077	CHR9:15731077	SSF x Near_LoA	-8,19121272	0,007	0,318
CHR9	15731082	CHR9:15731082	SSF x Near_LoA	-8,63047656	-0,031	0,302
CHR9	15731093	CHR9:15731093	SSF x Near_LoA	-9,0198355	0,002	0,318
CHR9	15731099	CHR9:15731099	SSF x Near_LoA	-8,23892839	-0,004	0,324
CHR9	1574840	CHR9:1574840	SSF x Near_LoA	-8,67149017	0,023	0,316
CHR9	1574942	CHR9:1574942	SSF x Near_LoA	-9,41201989	-0,005	0,305
CHR9	1575027	CHR9:1575027	SSF x Near_LoA	-9,44669222	-0,072	0,292
CHR9	15762264	CHR9:15762264	SSF x Near_LoA	-8,31604344	0,018	0,318
CHR9	15762274	CHR9:15762274	SSF x Near_LoA	-8,99039007	-0,009	0,314
CHR9	15762329	CHR9:15762329	SSF x Near_LoA	-8,4156313	-0,003	0,317
CHR9	15762338	CHR9:15762338	SSF x Near_LoA	-5,80774089	-0,018	0,318
CHR9	15762446	CHR9:15762446	SSF x Near_LoA	-8,81024665	-0,046	0,312
CHR9	15774716	CHR9:15774716	SSF x Near_LoA	-11,1346803	0,046	0,299
CHR9	1578591	CHR9:1578591	SSF x Near_LoA	-8,86406245	-0,044	0,305
CHR9	1578596	CHR9:1578596	SSF x Near_LoA	-6,36541668	-0,129	0,285
CHR9	1578621	CHR9:1578621	SSF x Near_LoA	-9,39811318	0,058	0,295
CHR9	1578651	CHR9:1578651	SSF x Near_LoA	-10,2105382	0,052	0,310
CHR9	1578714	CHR9:1578714	SSF x Near_LoA	-9,72899265	-0,118	0,294
CHR9	15792971	CHR9:15792971	SSF x Near_LoA	-9,34666249	-0,090	0,310
CHR9	15797464	CHR9:15797464	SSF x Near_LoA	-7,97524018	-0,102	0,309
CHR9	15797744	CHR9:15797744	SSF x Near_LoA	-9,70832384	0,084	0,310
CHR9	15810010	CHR9:15810010	SSF x Near_LoA	-9,51602377	0,111	0,305
CHR9	15812484	CHR9:15812484	SSF x Near_LoA	-10,7393228	0,006	0,302

CHR9	15829865	CHR9:15829865	SSF x Near_LoA	-10,4340414	-0,079	0,289
CHR9	15906895	CHR9:15906895	SSF x Near_LoA	-11,2536071	0,065	0,296
CHR9	15936424	CHR9:15936424	SSF x Near_LoA	-10,2138974	0,040	0,320
CHR9	15938510	CHR9:15938510	SSF x Near_LoA	-1,53533048	-0,109	0,320
CHR9	15938533	CHR9:15938533	SSF x Near_LoA	-7,57695617	-0,127	0,314
CHR9	15938556	CHR9:15938556	SSF x Near_LoA	-3,6481128	-0,108	0,317
CHR9	15938559	CHR9:15938559	SSF x Near_LoA	-8,82306932	-0,120	0,311
CHR9	15938572	CHR9:15938572	SSF x Near_LoA	-7,89882849	-0,089	0,304
CHR9	15938580	CHR9:15938580	SSF x Near_LoA	-9,24437985	-0,106	0,313
CHR9	15938585	CHR9:15938585	SSF x Near_LoA	-9,18053583	-0,129	0,304
CHR9	15938632	CHR9:15938632	SSF x Near_LoA	-8,36776929	-0,131	0,293
CHR9	1595727	CHR9:1595727	SSF x Near_LoA	-8,08164304	-0,114	0,311
CHR9	15982775	CHR9:15982775	SSF x Near_LoA	-10,6870299	0,066	0,299
CHR9	15982776	CHR9:15982776	SSF x Near_LoA	-9,90577009	0,035	0,315
CHR9	15982832	CHR9:15982832	SSF x Near_LoA	-10,1745471	0,036	0,308
CHR9	15982857	CHR9:15982857	SSF x Near_LoA	-10,1296203	0,037	0,306
CHR9	16004563	CHR9:16004563	SSF x Near_LoA	-8,3606312	0,009	0,315
CHR9	16004584	CHR9:16004584	SSF x Near_LoA	-8,19320053	0,018	0,322
CHR9	16014739	CHR9:16014739	SSF x Near_LoA	-11,1591789	-0,045	0,309
CHR9	16031254	CHR9:16031254	SSF x Near_LoA	-10,9149702	0,080	0,308
CHR9	1603354	CHR9:1603354	SSF x Near_LoA	-8,93603712	-0,009	0,315
CHR9	1603381	CHR9:1603381	SSF x Near_LoA	-11,6143404	0,020	0,303
CHR9	1603410	CHR9:1603410	SSF x Near_LoA	-11,0980862	0,124	0,304
CHR9	16060696	CHR9:16060696	SSF x Near_LoA	-8,41176969	0,065	0,327
CHR9	16060767	CHR9:16060767	SSF x Near_LoA	-8,50691743	-0,085	0,304
CHR9	16060769	CHR9:16060769	SSF x Near_LoA	-7,50997334	-0,097	0,317
CHR9	16060911	CHR9:16060911	SSF x Near_LoA	-9,84578052	0,111	0,306
CHR9	1608073	CHR9:1608073	SSF x Near_LoA	-9,9719723	0,013	0,310
CHR9	16084903	CHR9:16084903	SSF x Near_LoA	-8,36618628	0,089	0,313
CHR9	16084935	CHR9:16084935	SSF x Near_LoA	-7,06161515	0,076	0,314
CHR9	16084982	CHR9:16084982	SSF x Near_LoA	-8,48036441	0,118	0,307
CHR9	1609894	CHR9:1609894	SSF x Near_LoA	-9,13792777	0,006	0,310
CHR9	1609899	CHR9:1609899	SSF x Near_LoA	-9,84780125	-0,063	0,302
CHR9	1610051	CHR9:1610051	SSF x Near_LoA	-9,37892325	-0,084	0,311
CHR9	1610053	CHR9:1610053	SSF x Near_LoA	-11,5809692	-0,052	0,304
CHR9	16107742	CHR9:16107742	SSF x Near_LoA	-10,9588459	-0,036	0,310
CHR9	16108157	CHR9:16108157	SSF x Near_LoA	-11,3901526	-0,007	0,300
CHR9	16125252	CHR9:16125252	SSF x Near_LoA	-8,48916327	0,132	0,308
CHR9	16125380	CHR9:16125380	SSF x Near_LoA	-7,07395919	0,155	0,294
CHR9	16127657	CHR9:16127657	SSF x Near_LoA	-7,98299587	0,099	0,311
CHR9	16152275	CHR9:16152275	SSF x Near_LoA	-7,37152985	0,122	0,320
CHR9	1615554	CHR9:1615554	SSF x Near_LoA	-9,26450237	-0,113	0,298
CHR9	1615555	CHR9:1615555	SSF x Near_LoA	-12,2148256	0,026	0,293
CHR9	1615601	CHR9:1615601	SSF x Near_LoA	-1,48509058	0,077	0,296
CHR9	16174896	CHR9:16174896	SSF x Near_LoA	-10,2303059	-0,051	0,304
CHR9	16174916	CHR9:16174916	SSF x Near_LoA	-9,43125277	-0,072	0,304
CHR9	16174928	CHR9:16174928	SSF x Near_LoA	-4,04846695	0,119	0,315
CHR9	16174967	CHR9:16174967	SSF x Near_LoA	-7,45388688	0,127	0,320
CHR9	16174993	CHR9:16174993	SSF x Near_LoA	-5,03904386	0,134	0,309
CHR9	16175015	CHR9:16175015	SSF x Near_LoA	-9,15355147	0,031	0,313
CHR9	16175126	CHR9:16175126	SSF x Near_LoA	-8,91848739	0,042	0,303
CHR9	16186804	CHR9:16186804	SSF x Near_LoA	-8,76730752	0,112	0,292
CHR9	16186953	CHR9:16186953	SSF x Near_LoA	-9,62715766	-0,049	0,314

CHR9	16196861	CHR9:16196861	SSF x Near_LoA	-9,15455433	0,054	0,310
CHR9	16197021	CHR9:16197021	SSF x Near_LoA	-6,51310203	0,168	0,308
CHR9	16197062	CHR9:16197062	SSF x Near_LoA	-4,9375768	0,197	0,294
CHR9	16197103	CHR9:16197103	SSF x Near_LoA	-7,23434	0,227	0,295
CHR9	16207218	CHR9:16207218	SSF x Near_LoA	-6,42197855	-0,112	0,314
CHR9	16207622	CHR9:16207622	SSF x Near_LoA	-7,63281692	-0,102	0,318
CHR9	16210231	CHR9:16210231	SSF x Near_LoA	-10,2275292	0,148	0,300
CHR9	16210477	CHR9:16210477	SSF x Near_LoA	-10,1484063	-0,081	0,319
CHR9	1622807	CHR9:1622807	SSF x Near_LoA	-9,0484137	-0,186	0,288
CHR9	1622832	CHR9:1622832	SSF x Near_LoA	-8,01551583	-0,054	0,302
CHR9	1623844	CHR9:1623844	SSF x Near_LoA	-11,7460443	-0,020	0,299
CHR9	1625319	CHR9:1625319	SSF x Near_LoA	-6,15414344	-0,086	0,309
CHR9	16283629	CHR9:16283629	SSF x Near_LoA	-7,80302077	-0,060	0,322
CHR9	16288056	CHR9:16288056	SSF x Near_LoA	-8,65838918	0,027	0,305
CHR9	16288230	CHR9:16288230	SSF x Near_LoA	-8,90349479	0,006	0,300
CHR9	16288233	CHR9:16288233	SSF x Near_LoA	-8,54387654	0,019	0,321
CHR9	16288307	CHR9:16288307	SSF x Near_LoA	-10,7060905	-0,016	0,303
CHR9	16294539	CHR9:16294539	SSF x Near_LoA	-11,5252027	-0,127	0,303
CHR9	16294641	CHR9:16294641	SSF x Near_LoA	-8,97443089	-0,043	0,312
CHR9	16303065	CHR9:16303065	SSF x Near_LoA	-8,11507266	0,036	0,311
CHR9	16305634	CHR9:16305634	SSF x Near_LoA	-8,68158568	-0,038	0,315
CHR9	1631421	CHR9:1631421	SSF x Near_LoA	-9,40454459	0,002	0,305
CHR9	1631471	CHR9:1631471	SSF x Near_LoA	-7,66439646	-0,126	0,312
CHR9	1631615	CHR9:1631615	SSF x Near_LoA	-10,8729202	-0,053	0,307
CHR9	1631622	CHR9:1631622	SSF x Near_LoA	-5,18758783	0,159	0,293
CHR9	1631649	CHR9:1631649	SSF x Near_LoA	-9,27395823	-0,088	0,313
CHR9	16324259	CHR9:16324259	SSF x Near_LoA	-9,88849689	0,017	0,314
CHR9	16327981	CHR9:16327981	SSF x Near_LoA	-8,54070296	-0,008	0,312
CHR9	16328002	CHR9:16328002	SSF x Near_LoA	-8,21899213	-0,012	0,313
CHR9	16355069	CHR9:16355069	SSF x Near_LoA	-9,45770647	0,026	0,320
CHR9	16355079	CHR9:16355079	SSF x Near_LoA	-7,00230698	0,023	0,312
CHR9	16355085	CHR9:16355085	SSF x Near_LoA	-9,68666219	0,050	0,312
CHR9	16355119	CHR9:16355119	SSF x Near_LoA	-7,81900708	-0,003	0,302
CHR9	16357822	CHR9:16357822	SSF x Near_LoA	-5,5929003	-0,009	0,310
CHR9	16389272	CHR9:16389272	SSF x Near_LoA	-10,9211264	0,018	0,298
CHR9	16389400	CHR9:16389400	SSF x Near_LoA	-8,40610229	-0,025	0,318
CHR9	1641687	CHR9:1641687	SSF x Near_LoA	-5,23508694	0,074	0,312
CHR9	1641719	CHR9:1641719	SSF x Near_LoA	-10,0690953	0,082	0,301
CHR9	1641725	CHR9:1641725	SSF x Near_LoA	-6,31805874	0,143	0,304
CHR9	1641729	CHR9:1641729	SSF x Near_LoA	-8,28966213	0,051	0,298
CHR9	1641733	CHR9:1641733	SSF x Near_LoA	-10,0119295	-0,009	0,305
CHR9	1641832	CHR9:1641832	SSF x Near_LoA	-9,50684474	0,077	0,306
CHR9	1641849	CHR9:1641849	SSF x Near_LoA	-8,76934431	0,025	0,305
CHR9	1641853	CHR9:1641853	SSF x Near_LoA	-9,71273656	-0,014	0,304
CHR9	1641868	CHR9:1641868	SSF x Near_LoA	-8,82476747	0,028	0,308
CHR9	16455889	CHR9:16455889	SSF x Near_LoA	-8,85349375	-0,039	0,312
CHR9	16471503	CHR9:16471503	SSF x Near_LoA	-5,30625148	-0,143	0,304
CHR9	16471575	CHR9:16471575	SSF x Near_LoA	-10,6330521	-0,111	0,306
CHR9	16471607	CHR9:16471607	SSF x Near_LoA	-8,98805698	-0,116	0,305
CHR9	16471737	CHR9:16471737	SSF x Near_LoA	-8,664834	-0,096	0,322
CHR9	16481348	CHR9:16481348	SSF x Near_LoA	-8,2760614	-0,108	0,307
CHR9	16489212	CHR9:16489212	SSF x Near_LoA	-8,161459	-0,024	0,320
CHR9	16489239	CHR9:16489239	SSF x Near_LoA	-8,75111695	0,031	0,321

CHR9	16489267	CHR9:16489267	SSF x Near_LoA	-9,06770709	0,012	0,309
CHR9	16489272	CHR9:16489272	SSF x Near_LoA	-7,57881424	0,011	0,327
CHR9	16489274	CHR9:16489274	SSF x Near_LoA	-8,2872946	0,007	0,314
CHR9	16489352	CHR9:16489352	SSF x Near_LoA	-8,11841521	0,037	0,322
CHR9	16489428	CHR9:16489428	SSF x Near_LoA	-9,63981962	0,029	0,307
CHR9	16493365	CHR9:16493365	SSF x Near_LoA	-9,24213828	-0,111	0,306
CHR9	16494555	CHR9:16494555	SSF x Near_LoA	-6,98520984	0,004	0,321
CHR9	16494614	CHR9:16494614	SSF x Near_LoA	-3,29815601	0,019	0,329
CHR9	16494625	CHR9:16494625	SSF x Near_LoA	-8,82431436	0,021	0,306
CHR9	16494633	CHR9:16494633	SSF x Near_LoA	-7,95530316	0,007	0,318
CHR9	16494651	CHR9:16494651	SSF x Near_LoA	-6,92993478	0,005	0,311
CHR9	16494662	CHR9:16494662	SSF x Near_LoA	-1,85010561	0,022	0,317
CHR9	16494664	CHR9:16494664	SSF x Near_LoA	-8,38807598	0,015	0,323
CHR9	16494684	CHR9:16494684	SSF x Near_LoA	-7,4142557	0,000	0,323
CHR9	16501318	CHR9:16501318	SSF x Near_LoA	-7,13156144	-0,076	0,310
CHR9	16501402	CHR9:16501402	SSF x Near_LoA	-11,0238752	-0,095	0,304
CHR9	1654732	CHR9:1654732	SSF x Near_LoA	-11,7589308	-0,008	0,306
CHR9	1654822	CHR9:1654822	SSF x Near_LoA	-9,01308092	0,010	0,301
CHR9	1655029	CHR9:1655029	SSF x Near_LoA	-11,2168525	0,057	0,299
CHR9	16551712	CHR9:16551712	SSF x Near_LoA	-8,0313795	-0,067	0,320
CHR9	16554156	CHR9:16554156	SSF x Near_LoA	-11,5492228	-0,046	0,316
CHR9	16569217	CHR9:16569217	SSF x Near_LoA	-9,89977275	0,038	0,319
CHR9	16575404	CHR9:16575404	SSF x Near_LoA	-10,5055768	-0,047	0,297
CHR9	16598757	CHR9:16598757	SSF x Near_LoA	-8,67087403	0,103	0,310
CHR9	16598877	CHR9:16598877	SSF x Near_LoA	-9,75994283	0,047	0,297
CHR9	16598889	CHR9:16598889	SSF x Near_LoA	-8,84709262	0,063	0,308
CHR9	16606929	CHR9:16606929	SSF x Near_LoA	-11,157158	0,014	0,309
CHR9	16607047	CHR9:16607047	SSF x Near_LoA	-7,26521099	0,026	0,310
CHR9	16607088	CHR9:16607088	SSF x Near_LoA	-8,69147519	0,059	0,313
CHR9	16634732	CHR9:16634732	SSF x Near_LoA	-10,7731412	0,028	0,300
CHR9	16634761	CHR9:16634761	SSF x Near_LoA	-8,83896165	-0,027	0,311
CHR9	16634820	CHR9:16634820	SSF x Near_LoA	-9,26332965	-0,029	0,325
CHR9	16643637	CHR9:16643637	SSF x Near_LoA	-12,5635872	0,016	0,299
CHR9	16643646	CHR9:16643646	SSF x Near_LoA	-9,25839719	-0,062	0,307
CHR9	16643697	CHR9:16643697	SSF x Near_LoA	-8,87076039	-0,055	0,303
CHR9	16643700	CHR9:16643700	SSF x Near_LoA	-8,76922815	-0,057	0,304
CHR9	16650456	CHR9:16650456	SSF x Near_LoA	-10,2879129	0,091	0,297
CHR9	16650728	CHR9:16650728	SSF x Near_LoA	-8,76652735	0,047	0,308
CHR9	16650819	CHR9:16650819	SSF x Near_LoA	-7,96025034	0,097	0,283
CHR9	16669899	CHR9:16669899	SSF x Near_LoA	-11,0503048	-0,004	0,311
CHR9	16669903	CHR9:16669903	SSF x Near_LoA	-11,0739829	-0,041	0,305
CHR9	16669922	CHR9:16669922	SSF x Near_LoA	-8,42660037	0,062	0,312
CHR9	16669968	CHR9:16669968	SSF x Near_LoA	-8,16534384	0,060	0,322
CHR9	16670018	CHR9:16670018	SSF x Near_LoA	-7,99313533	0,018	0,308
CHR9	16670034	CHR9:16670034	SSF x Near_LoA	-8,27967423	0,010	0,318
CHR9	16670084	CHR9:16670084	SSF x Near_LoA	-9,35969863	0,035	0,297
CHR9	16670113	CHR9:16670113	SSF x Near_LoA	-11,265676	-0,082	0,303
CHR9	16670125	CHR9:16670125	SSF x Near_LoA	-10,9981121	-0,047	0,312
CHR9	16699610	CHR9:16699610	SSF x Near_LoA	-10,9340811	-0,050	0,297
CHR9	16699612	CHR9:16699612	SSF x Near_LoA	-10,0796853	0,016	0,313
CHR9	16699706	CHR9:16699706	SSF x Near_LoA	-9,99904439	-0,021	0,309
CHR9	16700769	CHR9:16700769	SSF x Near_LoA	-9,32187681	0,086	0,306
CHR9	16706564	CHR9:16706564	SSF x Near_LoA	2,4169758	-0,099	0,292

CHR9	16714075	CHR9:16714075	SSF x Near_LoA	-8,0812196	0,025	0,299
CHR9	16714154	CHR9:16714154	SSF x Near_LoA	-8,50983003	0,082	0,317
CHR9	16714248	CHR9:16714248	SSF x Near_LoA	-8,98803643	0,022	0,295
CHR9	16715748	CHR9:16715748	SSF x Near_LoA	-7,02300909	0,042	0,311
CHR9	16715751	CHR9:16715751	SSF x Near_LoA	-6,29748331	-0,018	0,307
CHR9	16728514	CHR9:16728514	SSF x Near_LoA	-9,06455535	0,036	0,301
CHR9	16737538	CHR9:16737538	SSF x Near_LoA	-9,2090468	0,169	0,308
CHR9	1675260	CHR9:1675260	SSF x Near_LoA	-11,4261899	-0,006	0,306
CHR9	1675426	CHR9:1675426	SSF x Near_LoA	-9,63905997	0,041	0,321
CHR9	1675458	CHR9:1675458	SSF x Near_LoA	-8,64592071	0,034	0,306
CHR9	1675541	CHR9:1675541	SSF x Near_LoA	-5,87378679	-0,004	0,315
CHR9	16761479	CHR9:16761479	SSF x Near_LoA	-7,89869484	-0,031	0,316
CHR9	16761607	CHR9:16761607	SSF x Near_LoA	-8,15079705	-0,047	0,309
CHR9	16761645	CHR9:16761645	SSF x Near_LoA	-9,04034779	-0,039	0,303
CHR9	16761765	CHR9:16761765	SSF x Near_LoA	-8,57307017	-0,091	0,314
CHR9	16784121	CHR9:16784121	SSF x Near_LoA	-8,98132922	0,077	0,300
CHR9	16788292	CHR9:16788292	SSF x Near_LoA	-8,00780869	-0,028	0,315
CHR9	16788361	CHR9:16788361	SSF x Near_LoA	-2,11954587	-0,037	0,308
CHR9	16788364	CHR9:16788364	SSF x Near_LoA	-9,45174839	-0,044	0,321
CHR9	16788366	CHR9:16788366	SSF x Near_LoA	-9,62708862	-0,056	0,312
CHR9	16788368	CHR9:16788368	SSF x Near_LoA	-11,1379053	-0,036	0,315
CHR9	16788372	CHR9:16788372	SSF x Near_LoA	-8,75106791	0,002	0,305
CHR9	16788422	CHR9:16788422	SSF x Near_LoA	-9,15446013	-0,007	0,297
CHR9	16793109	CHR9:16793109	SSF x Near_LoA	-9,02380023	-0,064	0,311
CHR9	16793120	CHR9:16793120	SSF x Near_LoA	-10,3410437	-0,047	0,296
CHR9	16794428	CHR9:16794428	SSF x Near_LoA	-10,354461	-0,005	0,305
CHR9	16794459	CHR9:16794459	SSF x Near_LoA	-5,20426082	-0,028	0,310
CHR9	16796348	CHR9:16796348	SSF x Near_LoA	-8,83093411	-0,021	0,321
CHR9	16804190	CHR9:16804190	SSF x Near_LoA	-7,77355481	-0,036	0,320
CHR9	16804271	CHR9:16804271	SSF x Near_LoA	-6,78551507	-0,046	0,311
CHR9	16804283	CHR9:16804283	SSF x Near_LoA	-9,03621175	-0,061	0,322
CHR9	16804326	CHR9:16804326	SSF x Near_LoA	-8,90174521	-0,024	0,309
CHR9	16809042	CHR9:16809042	SSF x Near_LoA	-7,50662169	-0,084	0,311
CHR9	16820686	CHR9:16820686	SSF x Near_LoA	-4,41662819	-0,030	0,317
CHR9	16830452	CHR9:16830452	SSF x Near_LoA	-6,00187967	0,041	0,300
CHR9	16830544	CHR9:16830544	SSF x Near_LoA	-8,1604101	0,013	0,312
CHR9	16832412	CHR9:16832412	SSF x Near_LoA	-7,9102152	0,087	0,308
CHR9	1683944	CHR9:1683944	SSF x Near_LoA	-8,75613758	0,056	0,304
CHR9	1684023	CHR9:1684023	SSF x Near_LoA	-8,16319914	-0,074	0,305
CHR9	16841082	CHR9:16841082	SSF x Near_LoA	-10,3086523	0,013	0,305
CHR9	16841084	CHR9:16841084	SSF x Near_LoA	-10,0862571	0,027	0,304
CHR9	16841222	CHR9:16841222	SSF x Near_LoA	-10,9440676	-0,040	0,311
CHR9	16841264	CHR9:16841264	SSF x Near_LoA	-7,99146465	-0,092	0,312
CHR9	1684143	CHR9:1684143	SSF x Near_LoA	-10,8654688	0,060	0,314
CHR9	16843965	CHR9:16843965	SSF x Near_LoA	-11,1337628	-0,037	0,302
CHR9	16844420	CHR9:16844420	SSF x Near_LoA	-10,4585515	-0,011	0,296
CHR9	1687723	CHR9:1687723	SSF x Near_LoA	-11,705648	0,028	0,301
CHR9	1687756	CHR9:1687756	SSF x Near_LoA	-8,658238	-0,035	0,313
CHR9	1687776	CHR9:1687776	SSF x Near_LoA	-6,90794932	0,019	0,319
CHR9	1687807	CHR9:1687807	SSF x Near_LoA	-8,88923882	-0,118	0,319
CHR9	1687849	CHR9:1687849	SSF x Near_LoA	-11,011445	-0,008	0,311
CHR9	1688526	CHR9:1688526	SSF x Near_LoA	-6,59906918	-0,003	0,316
CHR9	1688595	CHR9:1688595	SSF x Near_LoA	-11,1365445	-0,044	0,311

CHR9	16891968	CHR9:16891968	SSF x Near_LoA	-10,301205	-0,009	0,303
CHR9	16892154	CHR9:16892154	SSF x Near_LoA	0,34688934	-0,092	0,306
CHR9	16892190	CHR9:16892190	SSF x Near_LoA	-11,0728176	-0,024	0,313
CHR9	16925533	CHR9:16925533	SSF x Near_LoA	-8,24900068	0,002	0,317
CHR9	16932151	CHR9:16932151	SSF x Near_LoA	-9,08617681	0,009	0,312
CHR9	16956741	CHR9:16956741	SSF x Near_LoA	-8,95968469	0,117	0,298
CHR9	16966176	CHR9:16966176	SSF x Near_LoA	-7,46587437	0,097	0,314
CHR9	16980342	CHR9:16980342	SSF x Near_LoA	-8,42136492	0,062	0,325
CHR9	17018199	CHR9:17018199	SSF x Near_LoA	-7,46828258	-0,100	0,305
CHR9	17018218	CHR9:17018218	SSF x Near_LoA	-11,1631859	0,005	0,293
CHR9	17032050	CHR9:17032050	SSF x Near_LoA	-8,13264876	-0,075	0,315
CHR9	17032135	CHR9:17032135	SSF x Near_LoA	-6,75203873	0,003	0,320
CHR9	17043311	CHR9:17043311	SSF x Near_LoA	-9,37475172	0,056	0,306
CHR9	17045342	CHR9:17045342	SSF x Near_LoA	-9,53073937	-0,078	0,292
CHR9	17054589	CHR9:17054589	SSF x Near_LoA	-6,82591672	-0,148	0,302
CHR9	17054609	CHR9:17054609	SSF x Near_LoA	-5,00614863	-0,196	0,305
CHR9	17054822	CHR9:17054822	SSF x Near_LoA	-10,4996363	-0,020	0,319
CHR9	17054919	CHR9:17054919	SSF x Near_LoA	-9,99901741	-0,025	0,323
CHR9	17054953	CHR9:17054953	SSF x Near_LoA	-9,98862199	-0,136	0,305
CHR9	1706014	CHR9:1706014	SSF x Near_LoA	-10,9207631	0,005	0,309
CHR9	1706060	CHR9:1706060	SSF x Near_LoA	-6,11838622	0,231	0,295
CHR9	17072733	CHR9:17072733	SSF x Near_LoA	-10,713255	-0,030	0,313
CHR9	17072735	CHR9:17072735	SSF x Near_LoA	-10,9763568	-0,004	0,303
CHR9	17075266	CHR9:17075266	SSF x Near_LoA	-3,70105512	0,147	0,308
CHR9	17075274	CHR9:17075274	SSF x Near_LoA	-6,64249369	0,064	0,310
CHR9	17075278	CHR9:17075278	SSF x Near_LoA	-7,1049563	0,165	0,304
CHR9	17075346	CHR9:17075346	SSF x Near_LoA	-8,5758592	0,160	0,311
CHR9	17075423	CHR9:17075423	SSF x Near_LoA	-11,3204069	0,020	0,323
CHR9	17075433	CHR9:17075433	SSF x Near_LoA	-9,87407746	0,001	0,309
CHR9	17075473	CHR9:17075473	SSF x Near_LoA	-11,1601964	-0,015	0,308
CHR9	17080219	CHR9:17080219	SSF x Near_LoA	-10,0972256	-0,073	0,310
CHR9	17087219	CHR9:17087219	SSF x Near_LoA	-9,93927598	0,004	0,300
CHR9	17087237	CHR9:17087237	SSF x Near_LoA	-8,38982887	0,051	0,304
CHR9	17087277	CHR9:17087277	SSF x Near_LoA	-6,54591875	-0,005	0,298
CHR9	17087281	CHR9:17087281	SSF x Near_LoA	-9,89326812	0,053	0,313
CHR9	17087291	CHR9:17087291	SSF x Near_LoA	-8,98762515	0,033	0,320
CHR9	1708795	CHR9:1708795	SSF x Near_LoA	-11,3273529	0,037	0,314
CHR9	17087983	CHR9:17087983	SSF x Near_LoA	-11,3459266	-0,048	0,305
CHR9	17095054	CHR9:17095054	SSF x Near_LoA	-7,04850371	-0,041	0,294
CHR9	17095064	CHR9:17095064	SSF x Near_LoA	-11,6313682	-0,029	0,292
CHR9	17095085	CHR9:17095085	SSF x Near_LoA	-8,42586909	-0,039	0,313
CHR9	17095086	CHR9:17095086	SSF x Near_LoA	-8,33061081	0,067	0,313
CHR9	17095090	CHR9:17095090	SSF x Near_LoA	-9,39600216	-0,048	0,307
CHR9	17095104	CHR9:17095104	SSF x Near_LoA	-8,9143131	-0,033	0,311
CHR9	17095130	CHR9:17095130	SSF x Near_LoA	-8,31686785	0,060	0,331
CHR9	17095142	CHR9:17095142	SSF x Near_LoA	-7,22075297	-0,059	0,299
CHR9	17095153	CHR9:17095153	SSF x Near_LoA	-8,43885642	-0,034	0,299
CHR9	17095158	CHR9:17095158	SSF x Near_LoA	-10,103165	-0,047	0,283
CHR9	17095169	CHR9:17095169	SSF x Near_LoA	-8,74939031	-0,025	0,308
CHR9	17122725	CHR9:17122725	SSF x Near_LoA	-8,93288354	-0,001	0,301
CHR9	17122731	CHR9:17122731	SSF x Near_LoA	-9,05861002	-0,008	0,307
CHR9	17131669	CHR9:17131669	SSF x Near_LoA	-7,75931742	0,076	0,319
CHR9	17131697	CHR9:17131697	SSF x Near_LoA	-10,9157354	-0,053	0,311

CHR9	17131728	CHR9:17131728	SSF x Near_LoA	-10,0724204	0,094	0,308
CHR9	17131778	CHR9:17131778	SSF x Near_LoA	-5,49624561	-0,031	0,318
CHR9	17131790	CHR9:17131790	SSF x Near_LoA	-10,4878347	0,003	0,299
CHR9	17131804	CHR9:17131804	SSF x Near_LoA	-9,87230046	-0,026	0,305
CHR9	17131823	CHR9:17131823	SSF x Near_LoA	-9,97740046	-0,013	0,311
CHR9	17131883	CHR9:17131883	SSF x Near_LoA	-7,81658757	0,080	0,321
CHR9	1713494	CHR9:1713494	SSF x Near_LoA	-8,83951563	-0,083	0,315
CHR9	1713590	CHR9:1713590	SSF x Near_LoA	-10,25747	-0,020	0,311
CHR9	17137083	CHR9:17137083	SSF x Near_LoA	-7,34801794	-0,102	0,315
CHR9	17137086	CHR9:17137086	SSF x Near_LoA	-8,75158813	-0,071	0,306
CHR9	17146307	CHR9:17146307	SSF x Near_LoA	-11,3430866	0,051	0,298
CHR9	17146369	CHR9:17146369	SSF x Near_LoA	-8,71026724	0,016	0,312
CHR9	17146381	CHR9:17146381	SSF x Near_LoA	-9,59892212	-0,012	0,301
CHR9	17146402	CHR9:17146402	SSF x Near_LoA	-10,6992268	-0,088	0,306
CHR9	17146413	CHR9:17146413	SSF x Near_LoA	-8,91619963	0,006	0,311
CHR9	17146422	CHR9:17146422	SSF x Near_LoA	-9,42087891	-0,002	0,312
CHR9	17150352	CHR9:17150352	SSF x Near_LoA	-8,18391569	-0,034	0,312
CHR9	17156322	CHR9:17156322	SSF x Near_LoA	-10,0934586	0,008	0,312
CHR9	17156382	CHR9:17156382	SSF x Near_LoA	-9,50531348	0,045	0,313
CHR9	17156409	CHR9:17156409	SSF x Near_LoA	-9,8698924	0,014	0,308
CHR9	17156428	CHR9:17156428	SSF x Near_LoA	-9,22176731	0,023	0,309
CHR9	17164090	CHR9:17164090	SSF x Near_LoA	-4,11181157	0,045	0,316
CHR9	17164131	CHR9:17164131	SSF x Near_LoA	-9,92110823	-0,019	0,322
CHR9	17164135	CHR9:17164135	SSF x Near_LoA	-8,1714597	-0,095	0,310
CHR9	17164146	CHR9:17164146	SSF x Near_LoA	-6,42741752	-0,063	0,311
CHR9	17165227	CHR9:17165227	SSF x Near_LoA	-7,60187663	0,091	0,310
CHR9	17166419	CHR9:17166419	SSF x Near_LoA	-10,5262548	0,017	0,300
CHR9	17166513	CHR9:17166513	SSF x Near_LoA	-11,6791519	-0,022	0,303
CHR9	17166623	CHR9:17166623	SSF x Near_LoA	-8,71654618	-0,038	0,310
CHR9	17166656	CHR9:17166656	SSF x Near_LoA	-11,5308153	-0,045	0,309
CHR9	17170092	CHR9:17170092	SSF x Near_LoA	-10,4808739	-0,041	0,305
CHR9	17170096	CHR9:17170096	SSF x Near_LoA	-10,590372	0,031	0,311
CHR9	17170100	CHR9:17170100	SSF x Near_LoA	-9,95979358	0,034	0,304
CHR9	17170104	CHR9:17170104	SSF x Near_LoA	-9,0246376	0,076	0,316
CHR9	17173636	CHR9:17173636	SSF x Near_LoA	-10,6639967	-0,025	0,320
CHR9	17173641	CHR9:17173641	SSF x Near_LoA	-11,5881485	-0,107	0,288
CHR9	17173642	CHR9:17173642	SSF x Near_LoA	-8,53246806	-0,069	0,309
CHR9	17173669	CHR9:17173669	SSF x Near_LoA	-7,4399244	0,032	0,313
CHR9	17173682	CHR9:17173682	SSF x Near_LoA	-0,16360812	-0,045	0,296
CHR9	17173684	CHR9:17173684	SSF x Near_LoA	-7,05163009	-0,079	0,296
CHR9	17180022	CHR9:17180022	SSF x Near_LoA	-9,91441459	-0,012	0,318
CHR9	17190075	CHR9:17190075	SSF x Near_LoA	-9,38369424	0,000	0,314
CHR9	17190091	CHR9:17190091	SSF x Near_LoA	-11,7747373	-0,106	0,296
CHR9	17214407	CHR9:17214407	SSF x Near_LoA	-9,42265949	-0,061	0,309
CHR9	17214711	CHR9:17214711	SSF x Near_LoA	-6,55750446	0,174	0,290
CHR9	17214729	CHR9:17214729	SSF x Near_LoA	-2,50963065	-0,100	0,304
CHR9	17214733	CHR9:17214733	SSF x Near_LoA	-8,46516064	0,072	0,304
CHR9	17218618	CHR9:17218618	SSF x Near_LoA	-9,74698837	-0,021	0,304
CHR9	17218642	CHR9:17218642	SSF x Near_LoA	-1,49088236	0,103	0,295
CHR9	17218643	CHR9:17218643	SSF x Near_LoA	-8,87896281	-0,068	0,311
CHR9	17218656	CHR9:17218656	SSF x Near_LoA	-9,38136483	0,089	0,297
CHR9	17218664	CHR9:17218664	SSF x Near_LoA	-8,65973649	-0,038	0,307
CHR9	17218681	CHR9:17218681	SSF x Near_LoA	-10,1501101	0,008	0,290

CHR9	17218708	CHR9:17218708	SSF x Near_LoA	-7,28984532	0,125	0,310
CHR9	17230172	CHR9:17230172	SSF x Near_LoA	-9,59792272	-0,069	0,299
CHR9	17230182	CHR9:17230182	SSF x Near_LoA	-9,64241632	0,148	0,300
CHR9	17234170	CHR9:17234170	SSF x Near_LoA	-9,01723475	0,023	0,316
CHR9	17234177	CHR9:17234177	SSF x Near_LoA	-7,96784148	0,061	0,311
CHR9	17238454	CHR9:17238454	SSF x Near_LoA	-11,6840213	0,047	0,292
CHR9	17238458	CHR9:17238458	SSF x Near_LoA	-10,6147176	-0,003	0,316
CHR9	17238460	CHR9:17238460	SSF x Near_LoA	-10,5286626	-0,034	0,312
CHR9	1727797	CHR9:1727797	SSF x Near_LoA	-11,5478421	-0,020	0,300
CHR9	17287501	CHR9:17287501	SSF x Near_LoA	-11,8541968	-0,021	0,308
CHR9	17287600	CHR9:17287600	SSF x Near_LoA	-8,48032958	-0,064	0,307
CHR9	17287615	CHR9:17287615	SSF x Near_LoA	-10,2313455	-0,070	0,315
CHR9	17287625	CHR9:17287625	SSF x Near_LoA	-8,25575138	0,001	0,300
CHR9	17287628	CHR9:17287628	SSF x Near_LoA	-7,38815568	0,028	0,322
CHR9	17287632	CHR9:17287632	SSF x Near_LoA	-8,42452326	0,018	0,308
CHR9	17287657	CHR9:17287657	SSF x Near_LoA	-10,5026644	0,013	0,303
CHR9	17287660	CHR9:17287660	SSF x Near_LoA	-7,77509895	-0,018	0,314
CHR9	17287703	CHR9:17287703	SSF x Near_LoA	-10,5200978	0,010	0,316
CHR9	17287716	CHR9:17287716	SSF x Near_LoA	-9,35097978	-0,021	0,314
CHR9	17287734	CHR9:17287734	SSF x Near_LoA	-1,10737891	0,080	0,303
CHR9	17287736	CHR9:17287736	SSF x Near_LoA	-10,4367489	-0,012	0,308
CHR9	1729586	CHR9:1729586	SSF x Near_LoA	-9,28957711	0,102	0,311
CHR9	17307961	CHR9:17307961	SSF x Near_LoA	-10,658718	-0,063	0,302
CHR9	17311698	CHR9:17311698	SSF x Near_LoA	-9,5225506	0,071	0,306
CHR9	17311812	CHR9:17311812	SSF x Near_LoA	-8,31404374	0,111	0,318
CHR9	17323512	CHR9:17323512	SSF x Near_LoA	-11,2581492	0,060	0,306
CHR9	17328460	CHR9:17328460	SSF x Near_LoA	-9,63458019	0,054	0,307
CHR9	17328481	CHR9:17328481	SSF x Near_LoA	-10,1110931	-0,009	0,308
CHR9	17328524	CHR9:17328524	SSF x Near_LoA	-8,24557908	-0,072	0,316
CHR9	1733563	CHR9:1733563	SSF x Near_LoA	-7,99200887	-0,067	0,304
CHR9	1733598	CHR9:1733598	SSF x Near_LoA	-11,7416337	0,012	0,311
CHR9	17340369	CHR9:17340369	SSF x Near_LoA	-8,379174	0,065	0,308
CHR9	17340411	CHR9:17340411	SSF x Near_LoA	-7,74036726	-0,138	0,302
CHR9	17358634	CHR9:17358634	SSF x Near_LoA	-1,583933	-0,118	0,304
CHR9	17358732	CHR9:17358732	SSF x Near_LoA	-11,2613068	0,031	0,311
CHR9	17360513	CHR9:17360513	SSF x Near_LoA	-8,33931731	-0,015	0,302
CHR9	17360515	CHR9:17360515	SSF x Near_LoA	-11,5227044	0,079	0,303
CHR9	17360529	CHR9:17360529	SSF x Near_LoA	-10,1151881	0,043	0,313
CHR9	1736299	CHR9:1736299	SSF x Near_LoA	-10,978089	0,071	0,317
CHR9	17369496	CHR9:17369496	SSF x Near_LoA	-7,91368343	-0,015	0,319
CHR9	17369499	CHR9:17369499	SSF x Near_LoA	-7,15425236	0,016	0,311
CHR9	17369529	CHR9:17369529	SSF x Near_LoA	-9,24686657	-0,051	0,308
CHR9	17369540	CHR9:17369540	SSF x Near_LoA	-8,618115	0,148	0,301
CHR9	17369555	CHR9:17369555	SSF x Near_LoA	-8,19927358	-0,024	0,307
CHR9	17369559	CHR9:17369559	SSF x Near_LoA	-8,01189855	-0,068	0,315
CHR9	17369601	CHR9:17369601	SSF x Near_LoA	-4,25074224	-0,093	0,304
CHR9	17369604	CHR9:17369604	SSF x Near_LoA	-9,80121241	-0,043	0,312
CHR9	17388642	CHR9:17388642	SSF x Near_LoA	-7,44584659	0,147	0,302
CHR9	17388673	CHR9:17388673	SSF x Near_LoA	-8,17936783	0,094	0,312
CHR9	17388674	CHR9:17388674	SSF x Near_LoA	-10,1579759	0,000	0,313
CHR9	17388744	CHR9:17388744	SSF x Near_LoA	-10,1340707	0,075	0,302
CHR9	17395665	CHR9:17395665	SSF x Near_LoA	-8,89167267	0,017	0,311
CHR9	17395934	CHR9:17395934	SSF x Near_LoA	-8,31783118	-0,009	0,309

CHR9	17406793	CHR9:17406793	SSF x Near_LoA	-6,82096695	0,066	0,310
CHR9	17406812	CHR9:17406812	SSF x Near_LoA	-9,29828452	0,111	0,320
CHR9	17406827	CHR9:17406827	SSF x Near_LoA	-6,25227173	-0,141	0,294
CHR9	17406835	CHR9:17406835	SSF x Near_LoA	-3,83317644	-0,183	0,303
CHR9	17406836	CHR9:17406836	SSF x Near_LoA	-5,58768842	-0,106	0,297
CHR9	17406895	CHR9:17406895	SSF x Near_LoA	-9,57289188	0,016	0,308
CHR9	17406941	CHR9:17406941	SSF x Near_LoA	-9,680106	0,029	0,307
CHR9	17407035	CHR9:17407035	SSF x Near_LoA	-9,69737729	-0,019	0,309
CHR9	17412199	CHR9:17412199	SSF x Near_LoA	-8,45820226	-0,001	0,321
CHR9	17412221	CHR9:17412221	SSF x Near_LoA	-8,68045137	-0,085	0,305
CHR9	17412257	CHR9:17412257	SSF x Near_LoA	-8,89245178	-0,051	0,304
CHR9	17412262	CHR9:17412262	SSF x Near_LoA	-7,67675105	0,126	0,312
CHR9	17412276	CHR9:17412276	SSF x Near_LoA	-6,38046564	0,169	0,294
CHR9	17413366	CHR9:17413366	SSF x Near_LoA	-8,21282245	-0,094	0,308
CHR9	17413410	CHR9:17413410	SSF x Near_LoA	-7,7981512	-0,149	0,300
CHR9	17413432	CHR9:17413432	SSF x Near_LoA	3,03501529	-0,090	0,315
CHR9	17413450	CHR9:17413450	SSF x Near_LoA	-5,41474808	-0,025	0,315
CHR9	17413616	CHR9:17413616	SSF x Near_LoA	-6,27622896	-0,106	0,306
CHR9	17415842	CHR9:17415842	SSF x Near_LoA	-7,55759849	0,119	0,312
CHR9	17415862	CHR9:17415862	SSF x Near_LoA	-9,20224605	0,025	0,312
CHR9	17415944	CHR9:17415944	SSF x Near_LoA	-8,34476244	0,073	0,309
CHR9	17415947	CHR9:17415947	SSF x Near_LoA	-9,15667233	0,122	0,308
CHR9	17415955	CHR9:17415955	SSF x Near_LoA	-8,20226045	0,122	0,302
CHR9	17440249	CHR9:17440249	SSF x Near_LoA	-4,982834	0,122	0,305
CHR9	17440403	CHR9:17440403	SSF x Near_LoA	-10,6303605	0,099	0,304
CHR9	17440444	CHR9:17440444	SSF x Near_LoA	-9,61366769	0,109	0,292
CHR9	17440474	CHR9:17440474	SSF x Near_LoA	-6,79851272	-0,021	0,310
CHR9	17440475	CHR9:17440475	SSF x Near_LoA	-7,67086662	-0,024	0,305
CHR9	17442861	CHR9:17442861	SSF x Near_LoA	-9,10856192	0,108	0,293
CHR9	17442882	CHR9:17442882	SSF x Near_LoA	-9,60830131	0,034	0,318
CHR9	17449546	CHR9:17449546	SSF x Near_LoA	-7,70731728	0,032	0,322
CHR9	17449549	CHR9:17449549	SSF x Near_LoA	-8,92188967	0,005	0,310
CHR9	17452369	CHR9:17452369	SSF x Near_LoA	-2,49602509	-0,166	0,303
CHR9	17452392	CHR9:17452392	SSF x Near_LoA	-8,8671361	0,085	0,293
CHR9	17452446	CHR9:17452446	SSF x Near_LoA	-7,70802599	0,076	0,315
CHR9	1748336	CHR9:1748336	SSF x Near_LoA	-10,9809769	0,053	0,309
CHR9	17487144	CHR9:17487144	SSF x Near_LoA	-10,4954214	-0,013	0,324
CHR9	17487164	CHR9:17487164	SSF x Near_LoA	-7,32571178	-0,040	0,306
CHR9	17490874	CHR9:17490874	SSF x Near_LoA	-7,17111562	-0,119	0,308
CHR9	17490885	CHR9:17490885	SSF x Near_LoA	-8,86294449	0,100	0,306
CHR9	17490930	CHR9:17490930	SSF x Near_LoA	-10,2580867	0,019	0,305
CHR9	17498996	CHR9:17498996	SSF x Near_LoA	-9,1666704	0,018	0,312
CHR9	17498997	CHR9:17498997	SSF x Near_LoA	-6,99363237	0,101	0,323
CHR9	17499069	CHR9:17499069	SSF x Near_LoA	-8,76248082	-0,100	0,308
CHR9	17500813	CHR9:17500813	SSF x Near_LoA	-7,28913614	-0,031	0,309
CHR9	17500826	CHR9:17500826	SSF x Near_LoA	-9,40967246	-0,085	0,312
CHR9	1750577	CHR9:1750577	SSF x Near_LoA	-8,48019775	-0,049	0,291
CHR9	1750638	CHR9:1750638	SSF x Near_LoA	-11,4580271	-0,083	0,291
CHR9	17508094	CHR9:17508094	SSF x Near_LoA	-10,3420838	-0,008	0,303
CHR9	17508197	CHR9:17508197	SSF x Near_LoA	-7,0911953	-0,049	0,321
CHR9	17508220	CHR9:17508220	SSF x Near_LoA	-8,77464952	-0,018	0,308
CHR9	17508254	CHR9:17508254	SSF x Near_LoA	-8,82351575	-0,007	0,302
CHR9	17508285	CHR9:17508285	SSF x Near_LoA	-8,39893653	0,011	0,302

CHR9	17508301	CHR9:17508301	SSF x Near_LoA	-9,97341672	-0,041	0,314
CHR9	17508307	CHR9:17508307	SSF x Near_LoA	-8,95104456	-0,041	0,311
CHR9	17515819	CHR9:17515819	SSF x Near_LoA	-10,3179873	-0,046	0,299
CHR9	17515862	CHR9:17515862	SSF x Near_LoA	-8,53158343	0,047	0,294
CHR9	17517468	CHR9:17517468	SSF x Near_LoA	-5,81225585	-0,131	0,296
CHR9	17517486	CHR9:17517486	SSF x Near_LoA	-3,51433304	-0,155	0,295
CHR9	17517503	CHR9:17517503	SSF x Near_LoA	-6,68540194	-0,141	0,295
CHR9	17517545	CHR9:17517545	SSF x Near_LoA	-9,66735066	-0,072	0,299
CHR9	17517558	CHR9:17517558	SSF x Near_LoA	-7,92557283	0,087	0,302
CHR9	17517596	CHR9:17517596	SSF x Near_LoA	-8,50419081	-0,052	0,303
CHR9	17517612	CHR9:17517612	SSF x Near_LoA	-9,22605991	0,073	0,296
CHR9	17517623	CHR9:17517623	SSF x Near_LoA	-8,73750276	-0,014	0,305
CHR9	17517662	CHR9:17517662	SSF x Near_LoA	-5,34721334	-0,190	0,283
CHR9	17521087	CHR9:17521087	SSF x Near_LoA	-10,0018922	-0,034	0,299
CHR9	1753300	CHR9:1753300	SSF x Near_LoA	-6,90624011	-0,090	0,311
CHR9	1753381	CHR9:1753381	SSF x Near_LoA	-5,73984851	0,019	0,293
CHR9	1753434	CHR9:1753434	SSF x Near_LoA	-10,4554877	-0,038	0,320
CHR9	17539002	CHR9:17539002	SSF x Near_LoA	-5,62210107	0,095	0,315
CHR9	17539044	CHR9:17539044	SSF x Near_LoA	-10,3437329	-0,082	0,315
CHR9	17539078	CHR9:17539078	SSF x Near_LoA	-7,72213636	0,105	0,304
CHR9	17548265	CHR9:17548265	SSF x Near_LoA	-8,31772714	-0,065	0,320
CHR9	17548284	CHR9:17548284	SSF x Near_LoA	-8,39243659	-0,036	0,320
CHR9	17548295	CHR9:17548295	SSF x Near_LoA	-8,27441427	-0,098	0,298
CHR9	17548341	CHR9:17548341	SSF x Near_LoA	-4,39169883	-0,077	0,291
CHR9	17548352	CHR9:17548352	SSF x Near_LoA	-2,38368502	-0,070	0,304
CHR9	17548353	CHR9:17548353	SSF x Near_LoA	-9,08689468	-0,072	0,305
CHR9	17552486	CHR9:17552486	SSF x Near_LoA	-8,19182372	-0,111	0,314
CHR9	17552539	CHR9:17552539	SSF x Near_LoA	-10,8208749	-0,069	0,304
CHR9	17552541	CHR9:17552541	SSF x Near_LoA	-10,2249409	0,031	0,313
CHR9	17561057	CHR9:17561057	SSF x Near_LoA	-7,08921755	0,123	0,313
CHR9	17562734	CHR9:17562734	SSF x Near_LoA	-1,82826602	-0,023	0,308
CHR9	17562803	CHR9:17562803	SSF x Near_LoA	-6,27505554	0,063	0,310
CHR9	17595618	CHR9:17595618	SSF x Near_LoA	-9,23902105	-0,040	0,299
CHR9	17595643	CHR9:17595643	SSF x Near_LoA	-9,99733608	-0,059	0,288
CHR9	17600659	CHR9:17600659	SSF x Near_LoA	-8,11715527	-0,095	0,306
CHR9	17601106	CHR9:17601106	SSF x Near_LoA	-9,83508208	0,014	0,313
CHR9	17601126	CHR9:17601126	SSF x Near_LoA	-11,5643807	0,037	0,314
CHR9	17601164	CHR9:17601164	SSF x Near_LoA	-11,089124	0,101	0,304
CHR9	17601171	CHR9:17601171	SSF x Near_LoA	-10,1775531	0,028	0,300
CHR9	17607478	CHR9:17607478	SSF x Near_LoA	-2,69206871	-0,198	0,310
CHR9	17607638	CHR9:17607638	SSF x Near_LoA	-11,0080147	-0,074	0,310
CHR9	17616755	CHR9:17616755	SSF x Near_LoA	-9,59092656	-0,032	0,300
CHR9	17628508	CHR9:17628508	SSF x Near_LoA	-6,90891142	0,165	0,302
CHR9	17628509	CHR9:17628509	SSF x Near_LoA	-5,92431616	0,164	0,308
CHR9	17628610	CHR9:17628610	SSF x Near_LoA	-8,8642772	-0,059	0,311
CHR9	17628662	CHR9:17628662	SSF x Near_LoA	-9,28764191	-0,065	0,316
CHR9	17633775	CHR9:17633775	SSF x Near_LoA	-11,1867214	0,005	0,292
CHR9	17633793	CHR9:17633793	SSF x Near_LoA	-10,4127411	0,006	0,302
CHR9	17633851	CHR9:17633851	SSF x Near_LoA	-10,9297819	-0,013	0,298
CHR9	17633898	CHR9:17633898	SSF x Near_LoA	-11,9258341	0,031	0,296
CHR9	17633932	CHR9:17633932	SSF x Near_LoA	-7,66121611	0,057	0,303
CHR9	17633980	CHR9:17633980	SSF x Near_LoA	-8,56346757	0,013	0,311
CHR9	17633988	CHR9:17633988	SSF x Near_LoA	-5,48277818	0,147	0,313

CHR9	17633993	CHR9:17633993	SSF x Near_LoA	-6,33691498	0,158	0,301
CHR9	17633994	CHR9:17633994	SSF x Near_LoA	-5,65517577	0,154	0,316
CHR9	17635841	CHR9:17635841	SSF x Near_LoA	-6,56658543	0,061	0,306
CHR9	17635903	CHR9:17635903	SSF x Near_LoA	-9,97875577	0,037	0,314
CHR9	17643906	CHR9:17643906	SSF x Near_LoA	-8,7177536	0,073	0,311
CHR9	17643927	CHR9:17643927	SSF x Near_LoA	-11,3822129	-0,043	0,318
CHR9	17643957	CHR9:17643957	SSF x Near_LoA	-8,04694116	-0,080	0,310
CHR9	17643979	CHR9:17643979	SSF x Near_LoA	-10,1565442	0,012	0,312
CHR9	17644013	CHR9:17644013	SSF x Near_LoA	-9,69090761	-0,002	0,316
CHR9	17644107	CHR9:17644107	SSF x Near_LoA	-11,4184484	0,023	0,313
CHR9	17651848	CHR9:17651848	SSF x Near_LoA	-11,7652379	-0,023	0,292
CHR9	17651895	CHR9:17651895	SSF x Near_LoA	-10,0164856	-0,017	0,319
CHR9	17651926	CHR9:17651926	SSF x Near_LoA	-7,57953355	-0,027	0,300
CHR9	17651939	CHR9:17651939	SSF x Near_LoA	-6,85413925	0,131	0,310
CHR9	17651996	CHR9:17651996	SSF x Near_LoA	-6,33493794	0,099	0,318
CHR9	17660747	CHR9:17660747	SSF x Near_LoA	-9,45525547	-0,101	0,313
CHR9	17660791	CHR9:17660791	SSF x Near_LoA	-10,0469176	-0,020	0,323
CHR9	17660798	CHR9:17660798	SSF x Near_LoA	-8,55862683	0,024	0,310
CHR9	17660961	CHR9:17660961	SSF x Near_LoA	-6,94120613	-0,158	0,315
CHR9	1766592	CHR9:1766592	SSF x Near_LoA	-7,8434618	0,054	0,323
CHR9	1766741	CHR9:1766741	SSF x Near_LoA	-10,4464358	0,073	0,305
CHR9	1766787	CHR9:1766787	SSF x Near_LoA	-10,7874196	0,041	0,307
CHR9	1766884	CHR9:1766884	SSF x Near_LoA	-9,48783757	0,092	0,303
CHR9	1766897	CHR9:1766897	SSF x Near_LoA	-9,82846781	0,067	0,313
CHR9	17673742	CHR9:17673742	SSF x Near_LoA	-9,60269227	-0,007	0,321
CHR9	17673809	CHR9:17673809	SSF x Near_LoA	-8,7037327	0,042	0,308
CHR9	17673812	CHR9:17673812	SSF x Near_LoA	-9,33694177	0,053	0,305
CHR9	17673853	CHR9:17673853	SSF x Near_LoA	-10,316283	-0,007	0,312
CHR9	17681562	CHR9:17681562	SSF x Near_LoA	-9,78056864	-0,019	0,299
CHR9	17681584	CHR9:17681584	SSF x Near_LoA	-7,45652217	-0,174	0,303
CHR9	17681688	CHR9:17681688	SSF x Near_LoA	-10,4151095	0,010	0,314
CHR9	17681765	CHR9:17681765	SSF x Near_LoA	-8,8316944	0,079	0,312
CHR9	17685015	CHR9:17685015	SSF x Near_LoA	-9,45720123	0,084	0,306
CHR9	17685023	CHR9:17685023	SSF x Near_LoA	-10,051033	0,065	0,290
CHR9	17685211	CHR9:17685211	SSF x Near_LoA	-9,20127161	-0,037	0,310
CHR9	17687344	CHR9:17687344	SSF x Near_LoA	-10,6263799	0,048	0,300
CHR9	17691176	CHR9:17691176	SSF x Near_LoA	-10,3622254	0,091	0,320
CHR9	17691191	CHR9:17691191	SSF x Near_LoA	-9,13835191	0,040	0,320
CHR9	17691256	CHR9:17691256	SSF x Near_LoA	-7,28324032	0,063	0,296
CHR9	17691314	CHR9:17691314	SSF x Near_LoA	-7,978657	-0,051	0,322
CHR9	17691366	CHR9:17691366	SSF x Near_LoA	-8,43830047	-0,083	0,306
CHR9	17691375	CHR9:17691375	SSF x Near_LoA	2,44441647	0,116	0,311
CHR9	17695313	CHR9:17695313	SSF x Near_LoA	-10,2297795	0,056	0,308
CHR9	17695330	CHR9:17695330	SSF x Near_LoA	-9,82121674	-0,044	0,330
CHR9	17695578	CHR9:17695578	SSF x Near_LoA	-8,86543227	-0,068	0,302
CHR9	1769734	CHR9:1769734	SSF x Near_LoA	-7,60411015	0,129	0,300
CHR9	1769745	CHR9:1769745	SSF x Near_LoA	-8,73223478	0,031	0,309
CHR9	17701882	CHR9:17701882	SSF x Near_LoA	-8,84646153	-0,011	0,315
CHR9	17701892	CHR9:17701892	SSF x Near_LoA	-10,8528986	-0,006	0,312
CHR9	1770461	CHR9:1770461	SSF x Near_LoA	-12,1568946	-0,052	0,314
CHR9	17736633	CHR9:17736633	SSF x Near_LoA	-7,86125377	0,145	0,296
CHR9	17736689	CHR9:17736689	SSF x Near_LoA	-8,71016119	0,008	0,295
CHR9	17736750	CHR9:17736750	SSF x Near_LoA	-5,40218417	-0,066	0,308

CHR9	17736756	CHR9:17736756	SSF x Near_LoA	-5,32001211	0,140	0,292
CHR9	17736817	CHR9:17736817	SSF x Near_LoA	-11,3547965	-0,022	0,292
CHR9	1773828	CHR9:1773828	SSF x Near_LoA	-10,2957557	-0,021	0,305
CHR9	17745190	CHR9:17745190	SSF x Near_LoA	-9,77685018	-0,006	0,310
CHR9	17745192	CHR9:17745192	SSF x Near_LoA	-9,50868541	0,011	0,304
CHR9	17745223	CHR9:17745223	SSF x Near_LoA	-10,7489955	-0,072	0,307
CHR9	17745272	CHR9:17745272	SSF x Near_LoA	-5,0623181	-0,133	0,311
CHR9	17745456	CHR9:17745456	SSF x Near_LoA	-9,14393464	-0,014	0,314
CHR9	1774724	CHR9:1774724	SSF x Near_LoA	-10,452205	0,020	0,297
CHR9	17750944	CHR9:17750944	SSF x Near_LoA	-8,86382003	-0,016	0,306
CHR9	17750951	CHR9:17750951	SSF x Near_LoA	-1,67013573	-0,172	0,297
CHR9	17750970	CHR9:17750970	SSF x Near_LoA	-8,76606272	-0,105	0,309
CHR9	17751066	CHR9:17751066	SSF x Near_LoA	-9,02106775	0,113	0,297
CHR9	17751084	CHR9:17751084	SSF x Near_LoA	-10,0260869	0,044	0,301
CHR9	17751185	CHR9:17751185	SSF x Near_LoA	-11,2144647	-0,048	0,318
CHR9	1775458	CHR9:1775458	SSF x Near_LoA	-10,2073745	0,078	0,310
CHR9	17759239	CHR9:17759239	SSF x Near_LoA	-6,86000399	-0,020	0,310
CHR9	17759257	CHR9:17759257	SSF x Near_LoA	-10,2057904	0,055	0,302
CHR9	17760388	CHR9:17760388	SSF x Near_LoA	-10,4575843	0,046	0,302
CHR9	17760496	CHR9:17760496	SSF x Near_LoA	-6,99666477	-0,036	0,299
CHR9	17764521	CHR9:17764521	SSF x Near_LoA	-9,94494741	0,082	0,313
CHR9	17764525	CHR9:17764525	SSF x Near_LoA	-8,89119785	0,115	0,300
CHR9	17764531	CHR9:17764531	SSF x Near_LoA	-8,63607102	0,129	0,309
CHR9	17764556	CHR9:17764556	SSF x Near_LoA	-5,81575359	0,098	0,304
CHR9	17764581	CHR9:17764581	SSF x Near_LoA	-10,2873338	0,100	0,307
CHR9	17764599	CHR9:17764599	SSF x Near_LoA	-10,3439924	-0,022	0,312
CHR9	17769639	CHR9:17769639	SSF x Near_LoA	-10,1473921	-0,010	0,315
CHR9	17769879	CHR9:17769879	SSF x Near_LoA	-10,7266445	-0,049	0,313
CHR9	17779940	CHR9:17779940	SSF x Near_LoA	-7,49333639	-0,060	0,310
CHR9	17780198	CHR9:17780198	SSF x Near_LoA	-10,2764517	0,135	0,293
CHR9	17784649	CHR9:17784649	SSF x Near_LoA	-5,57229946	0,142	0,312
CHR9	17784650	CHR9:17784650	SSF x Near_LoA	-6,04711756	0,121	0,307
CHR9	17784675	CHR9:17784675	SSF x Near_LoA	-6,30893948	-0,104	0,304
CHR9	17784728	CHR9:17784728	SSF x Near_LoA	-10,4254397	0,035	0,308
CHR9	17784826	CHR9:17784826	SSF x Near_LoA	-9,48633693	0,052	0,327
CHR9	17788430	CHR9:17788430	SSF x Near_LoA	-9,5470011	-0,002	0,311
CHR9	17791670	CHR9:17791670	SSF x Near_LoA	-8,01660869	-0,046	0,303
CHR9	17793598	CHR9:17793598	SSF x Near_LoA	-6,50433979	0,019	0,334
CHR9	17793614	CHR9:17793614	SSF x Near_LoA	-8,71282933	-0,119	0,301
CHR9	17793622	CHR9:17793622	SSF x Near_LoA	-6,23090997	0,125	0,303
CHR9	17793628	CHR9:17793628	SSF x Near_LoA	-10,1785465	0,011	0,317
CHR9	17793673	CHR9:17793673	SSF x Near_LoA	-6,47270196	-0,100	0,315
CHR9	17793708	CHR9:17793708	SSF x Near_LoA	-9,95468724	-0,049	0,313
CHR9	17793724	CHR9:17793724	SSF x Near_LoA	-8,61038432	-0,062	0,300
CHR9	17794839	CHR9:17794839	SSF x Near_LoA	-9,95066679	-0,043	0,304
CHR9	17814426	CHR9:17814426	SSF x Near_LoA	-9,69272412	0,064	0,291
CHR9	17814489	CHR9:17814489	SSF x Near_LoA	-9,56026698	-0,099	0,291
CHR9	17814668	CHR9:17814668	SSF x Near_LoA	-7,96579703	-0,100	0,298
CHR9	17825113	CHR9:17825113	SSF x Near_LoA	-7,21342936	0,045	0,305
CHR9	17825124	CHR9:17825124	SSF x Near_LoA	-9,47051157	0,024	0,325
CHR9	17825136	CHR9:17825136	SSF x Near_LoA	-9,74130038	0,061	0,303
CHR9	17825169	CHR9:17825169	SSF x Near_LoA	-7,82745057	0,093	0,295
CHR9	17826372	CHR9:17826372	SSF x Near_LoA	-10,2794818	-0,072	0,317

CHR9	17826520	CHR9:17826520	SSF x Near_LoA	-10,1353678	-0,090	0,310
CHR9	17826564	CHR9:17826564	SSF x Near_LoA	-10,6625881	0,012	0,310
CHR9	17826589	CHR9:17826589	SSF x Near_LoA	-8,7847651	-0,138	0,307
CHR9	17846343	CHR9:17846343	SSF x Near_LoA	-9,98038175	0,040	0,296
CHR9	17851156	CHR9:17851156	SSF x Near_LoA	-7,24968061	0,168	0,290
CHR9	17851159	CHR9:17851159	SSF x Near_LoA	-5,29481383	0,097	0,304
CHR9	17851172	CHR9:17851172	SSF x Near_LoA	-8,72612525	-0,009	0,304
CHR9	17857142	CHR9:17857142	SSF x Near_LoA	-11,2877484	0,114	0,288
CHR9	17859618	CHR9:17859618	SSF x Near_LoA	-4,74062213	-0,084	0,311
CHR9	17859643	CHR9:17859643	SSF x Near_LoA	-9,11507456	0,090	0,306
CHR9	17859687	CHR9:17859687	SSF x Near_LoA	-9,07605646	-0,067	0,298
CHR9	17859716	CHR9:17859716	SSF x Near_LoA	-6,9710917	-0,075	0,321
CHR9	1785993	CHR9:1785993	SSF x Near_LoA	-6,99122364	-0,089	0,310
CHR9	17860548	CHR9:17860548	SSF x Near_LoA	-10,2380018	-0,017	0,325
CHR9	17860592	CHR9:17860592	SSF x Near_LoA	-9,46527896	-0,069	0,307
CHR9	17860620	CHR9:17860620	SSF x Near_LoA	-8,46499007	-0,031	0,311
CHR9	17860625	CHR9:17860625	SSF x Near_LoA	-9,5974483	-0,052	0,310
CHR9	17860656	CHR9:17860656	SSF x Near_LoA	-11,4073151	-0,066	0,299
CHR9	1786123	CHR9:1786123	SSF x Near_LoA	-9,98267537	-0,063	0,318
CHR9	1786170	CHR9:1786170	SSF x Near_LoA	-8,58700547	0,116	0,299
CHR9	1786189	CHR9:1786189	SSF x Near_LoA	-8,73975334	0,011	0,305
CHR9	1786258	CHR9:1786258	SSF x Near_LoA	-5,50553653	0,051	0,305
CHR9	17864429	CHR9:17864429	SSF x Near_LoA	-8,74877073	-0,043	0,297
CHR9	17864430	CHR9:17864430	SSF x Near_LoA	-6,32787578	-0,044	0,292
CHR9	17866077	CHR9:17866077	SSF x Near_LoA	-9,35038859	0,062	0,314
CHR9	17869675	CHR9:17869675	SSF x Near_LoA	-10,2358802	0,103	0,307
CHR9	1787665	CHR9:1787665	SSF x Near_LoA	-9,83700392	0,005	0,289
CHR9	1787680	CHR9:1787680	SSF x Near_LoA	-6,54065496	-0,001	0,297
CHR9	1787713	CHR9:1787713	SSF x Near_LoA	-10,7434163	-0,021	0,297
CHR9	1787741	CHR9:1787741	SSF x Near_LoA	-9,99639743	-0,071	0,309
CHR9	1787820	CHR9:1787820	SSF x Near_LoA	-9,21248374	0,010	0,317
CHR9	1787822	CHR9:1787822	SSF x Near_LoA	-9,62195612	-0,039	0,288
CHR9	1789369	CHR9:1789369	SSF x Near_LoA	-8,60628466	0,010	0,315
CHR9	1789490	CHR9:1789490	SSF x Near_LoA	-9,53083019	-0,003	0,300
CHR9	1789526	CHR9:1789526	SSF x Near_LoA	-7,7163033	0,142	0,304
CHR9	17895653	CHR9:17895653	SSF x Near_LoA	-7,91922521	0,130	0,300
CHR9	17895822	CHR9:17895822	SSF x Near_LoA	-9,90577402	-0,008	0,304
CHR9	17900412	CHR9:17900412	SSF x Near_LoA	-4,90415033	-0,028	0,313
CHR9	17904890	CHR9:17904890	SSF x Near_LoA	-8,53157636	0,108	0,301
CHR9	17904891	CHR9:17904891	SSF x Near_LoA	-10,0261894	0,109	0,306
CHR9	17904951	CHR9:17904951	SSF x Near_LoA	-8,91457133	0,130	0,289
CHR9	17904981	CHR9:17904981	SSF x Near_LoA	-8,5302628	0,026	0,310
CHR9	17905063	CHR9:17905063	SSF x Near_LoA	-3,8762525	0,111	0,313
CHR9	17908786	CHR9:17908786	SSF x Near_LoA	-10,2702433	0,078	0,305
CHR9	17908953	CHR9:17908953	SSF x Near_LoA	-8,27012367	0,056	0,317
CHR9	17910396	CHR9:17910396	SSF x Near_LoA	-6,43442706	0,080	0,312
CHR9	17910477	CHR9:17910477	SSF x Near_LoA	-10,0108381	-0,031	0,306
CHR9	17925619	CHR9:17925619	SSF x Near_LoA	-8,58866412	-0,110	0,306
CHR9	17929892	CHR9:17929892	SSF x Near_LoA	-9,7340401	0,006	0,292
CHR9	17929894	CHR9:17929894	SSF x Near_LoA	-5,9905582	0,014	0,314
CHR9	17929946	CHR9:17929946	SSF x Near_LoA	-2,41478107	-0,078	0,301
CHR9	17929973	CHR9:17929973	SSF x Near_LoA	-11,4031907	0,017	0,309
CHR9	17936733	CHR9:17936733	SSF x Near_LoA	-8,40609726	-0,142	0,299

CHR9	17936773	CHR9:17936773	SSF x Near_LoA	-8,42825296	-0,117	0,303
CHR9	17948180	CHR9:17948180	SSF x Near_LoA	-4,64864639	-0,114	0,321
CHR9	17948197	CHR9:17948197	SSF x Near_LoA	-8,78392819	-0,128	0,314
CHR9	1795362	CHR9:1795362	SSF x Near_LoA	-7,53597143	-0,058	0,302
CHR9	17954581	CHR9:17954581	SSF x Near_LoA	-7,96744954	-0,096	0,300
CHR9	17955676	CHR9:17955676	SSF x Near_LoA	-8,56980042	-0,024	0,312
CHR9	17964526	CHR9:17964526	SSF x Near_LoA	-10,1031651	0,071	0,299
CHR9	17964590	CHR9:17964590	SSF x Near_LoA	-8,92261362	0,041	0,314
CHR9	17964661	CHR9:17964661	SSF x Near_LoA	-8,73318947	0,018	0,308
CHR9	17964721	CHR9:17964721	SSF x Near_LoA	-8,99217927	-0,017	0,311
CHR9	1796715	CHR9:1796715	SSF x Near_LoA	-12,0264114	0,050	0,309
CHR9	1796728	CHR9:1796728	SSF x Near_LoA	-8,28832754	0,058	0,312
CHR9	1796733	CHR9:1796733	SSF x Near_LoA	-8,70465256	-0,008	0,308
CHR9	1796736	CHR9:1796736	SSF x Near_LoA	-8,50500597	0,042	0,311
CHR9	1796739	CHR9:1796739	SSF x Near_LoA	-10,0042767	0,064	0,306
CHR9	1798214	CHR9:1798214	SSF x Near_LoA	-10,5439478	-0,087	0,313
CHR9	1798292	CHR9:1798292	SSF x Near_LoA	-10,6781171	0,053	0,310
CHR9	17990245	CHR9:17990245	SSF x Near_LoA	-8,40970772	0,104	0,309
CHR9	17990253	CHR9:17990253	SSF x Near_LoA	-8,85853472	0,060	0,319
CHR9	17990349	CHR9:17990349	SSF x Near_LoA	-9,18613805	-0,020	0,302
CHR9	17991406	CHR9:17991406	SSF x Near_LoA	-12,0879707	-0,022	0,305
CHR9	17991444	CHR9:17991444	SSF x Near_LoA	3,73133921	0,241	0,289
CHR9	18005684	CHR9:18005684	SSF x Near_LoA	-4,71518923	0,021	0,320
CHR9	18009850	CHR9:18009850	SSF x Near_LoA	-8,1553915	-0,154	0,297
CHR9	18009879	CHR9:18009879	SSF x Near_LoA	-8,81881436	-0,104	0,327
CHR9	18021991	CHR9:18021991	SSF x Near_LoA	-10,6934046	0,104	0,313
CHR9	18022013	CHR9:18022013	SSF x Near_LoA	-5,8911518	0,123	0,315
CHR9	18022023	CHR9:18022023	SSF x Near_LoA	-11,5521909	0,046	0,309
CHR9	18022028	CHR9:18022028	SSF x Near_LoA	-10,9431884	0,069	0,308
CHR9	18022062	CHR9:18022062	SSF x Near_LoA	-6,67368773	-0,148	0,301
CHR9	18022068	CHR9:18022068	SSF x Near_LoA	-9,89491957	0,060	0,309
CHR9	18022156	CHR9:18022156	SSF x Near_LoA	-8,48951711	0,086	0,283
CHR9	18022192	CHR9:18022192	SSF x Near_LoA	-8,65783138	0,056	0,305
CHR9	18022208	CHR9:18022208	SSF x Near_LoA	-8,15357533	0,039	0,299
CHR9	1802696	CHR9:1802696	SSF x Near_LoA	-6,40677091	0,194	0,300
CHR9	1802700	CHR9:1802700	SSF x Near_LoA	-4,78255561	0,183	0,298
CHR9	1802783	CHR9:1802783	SSF x Near_LoA	-8,33945918	-0,057	0,314
CHR9	1802787	CHR9:1802787	SSF x Near_LoA	-8,74025157	0,128	0,295
CHR9	1802818	CHR9:1802818	SSF x Near_LoA	-8,86491038	-0,054	0,330
CHR9	18032749	CHR9:18032749	SSF x Near_LoA	-7,61661511	-0,007	0,319
CHR9	18032758	CHR9:18032758	SSF x Near_LoA	-8,38785722	-0,053	0,311
CHR9	18036683	CHR9:18036683	SSF x Near_LoA	-10,6028443	0,010	0,304
CHR9	18036684	CHR9:18036684	SSF x Near_LoA	-10,171579	0,000	0,314
CHR9	18036685	CHR9:18036685	SSF x Near_LoA	-10,0246096	-0,006	0,306
CHR9	18036768	CHR9:18036768	SSF x Near_LoA	-8,31677552	0,037	0,314
CHR9	18036843	CHR9:18036843	SSF x Near_LoA	-8,34421026	-0,033	0,305
CHR9	18040820	CHR9:18040820	SSF x Near_LoA	-9,96605749	-0,015	0,312
CHR9	1805036	CHR9:1805036	SSF x Near_LoA	-8,31641852	0,074	0,302
CHR9	1805041	CHR9:1805041	SSF x Near_LoA	-8,40737531	0,203	0,303
CHR9	1805073	CHR9:1805073	SSF x Near_LoA	-9,40011466	0,074	0,302
CHR9	1805098	CHR9:1805098	SSF x Near_LoA	-10,4867868	-0,073	0,316
CHR9	18054033	CHR9:18054033	SSF x Near_LoA	-6,83118227	-0,059	0,295
CHR9	18054205	CHR9:18054205	SSF x Near_LoA	-9,7307579	0,068	0,302

CHR9	18056539	CHR9:18056539	SSF x Near_LoA	-10,5241214	0,093	0,293
CHR9	18056544	CHR9:18056544	SSF x Near_LoA	-6,06033756	-0,001	0,317
CHR9	18060996	CHR9:18060996	SSF x Near_LoA	-9,97588733	-0,119	0,302
CHR9	18061050	CHR9:18061050	SSF x Near_LoA	-9,55826555	-0,029	0,304
CHR9	1806320	CHR9:1806320	SSF x Near_LoA	-7,27119056	-0,048	0,320
CHR9	1806506	CHR9:1806506	SSF x Near_LoA	-10,1494854	0,011	0,299
CHR9	18074528	CHR9:18074528	SSF x Near_LoA	-10,6255566	0,020	0,310
CHR9	18087272	CHR9:18087272	SSF x Near_LoA	-3,25595618	-0,006	0,306
CHR9	18087307	CHR9:18087307	SSF x Near_LoA	0,22045692	-0,092	0,310
CHR9	18087310	CHR9:18087310	SSF x Near_LoA	-6,47477823	-0,112	0,322
CHR9	18087332	CHR9:18087332	SSF x Near_LoA	-6,42007195	-0,102	0,313
CHR9	18087339	CHR9:18087339	SSF x Near_LoA	-4,38617004	0,097	0,305
CHR9	18087344	CHR9:18087344	SSF x Near_LoA	-9,196221	0,047	0,318
CHR9	18087348	CHR9:18087348	SSF x Near_LoA	-10,2656445	-0,041	0,320
CHR9	18091016	CHR9:18091016	SSF x Near_LoA	-8,8736371	0,002	0,311
CHR9	18091039	CHR9:18091039	SSF x Near_LoA	-8,45640359	0,065	0,304
CHR9	18091108	CHR9:18091108	SSF x Near_LoA	-10,5413086	-0,041	0,302
CHR9	18091184	CHR9:18091184	SSF x Near_LoA	-6,18415735	-0,124	0,318
CHR9	18100552	CHR9:18100552	SSF x Near_LoA	-10,698393	0,028	0,293
CHR9	18118103	CHR9:18118103	SSF x Near_LoA	-9,66925604	-0,013	0,317
CHR9	18118229	CHR9:18118229	SSF x Near_LoA	-8,0228858	0,065	0,310
CHR9	1811898	CHR9:1811898	SSF x Near_LoA	-10,189532	0,107	0,304
CHR9	18122496	CHR9:18122496	SSF x Near_LoA	-9,1680128	-0,054	0,310
CHR9	18122555	CHR9:18122555	SSF x Near_LoA	-8,17925677	-0,118	0,286
CHR9	18126009	CHR9:18126009	SSF x Near_LoA	-10,1411506	0,015	0,311
CHR9	18126064	CHR9:18126064	SSF x Near_LoA	-9,76414775	-0,053	0,302
CHR9	18126094	CHR9:18126094	SSF x Near_LoA	-8,31383431	-0,131	0,300
CHR9	18130738	CHR9:18130738	SSF x Near_LoA	-11,5593901	0,028	0,303
CHR9	18130756	CHR9:18130756	SSF x Near_LoA	-11,0964421	-0,097	0,305
CHR9	18130788	CHR9:18130788	SSF x Near_LoA	-9,45313735	0,149	0,305
CHR9	18145508	CHR9:18145508	SSF x Near_LoA	-7,51750755	0,102	0,320
CHR9	1814572	CHR9:1814572	SSF x Near_LoA	-10,8489379	0,005	0,313
CHR9	18152436	CHR9:18152436	SSF x Near_LoA	-8,4596857	0,176	0,289
CHR9	18152496	CHR9:18152496	SSF x Near_LoA	-9,06694715	0,157	0,297
CHR9	18152589	CHR9:18152589	SSF x Near_LoA	-6,37071044	0,076	0,303
CHR9	18160698	CHR9:18160698	SSF x Near_LoA	-11,2677245	-0,089	0,289
CHR9	18160831	CHR9:18160831	SSF x Near_LoA	-8,14466945	-0,128	0,331
CHR9	18164746	CHR9:18164746	SSF x Near_LoA	-8,07601754	-0,007	0,306
CHR9	18172584	CHR9:18172584	SSF x Near_LoA	-10,1043259	0,013	0,326
CHR9	18172586	CHR9:18172586	SSF x Near_LoA	-8,97484647	-0,060	0,291
CHR9	18172641	CHR9:18172641	SSF x Near_LoA	-8,92939888	-0,044	0,315
CHR9	18172673	CHR9:18172673	SSF x Near_LoA	-8,45568855	0,026	0,319
CHR9	18172680	CHR9:18172680	SSF x Near_LoA	-8,8220163	0,039	0,321
CHR9	18177724	CHR9:18177724	SSF x Near_LoA	-7,72991932	-0,157	0,311
CHR9	18177725	CHR9:18177725	SSF x Near_LoA	-6,76035573	-0,148	0,309
CHR9	18177745	CHR9:18177745	SSF x Near_LoA	-8,53290224	0,011	0,303
CHR9	18177746	CHR9:18177746	SSF x Near_LoA	-9,27704626	0,026	0,298
CHR9	18178593	CHR9:18178593	SSF x Near_LoA	-9,57134492	0,041	0,309
CHR9	18184236	CHR9:18184236	SSF x Near_LoA	-8,66764634	-0,065	0,305
CHR9	18184243	CHR9:18184243	SSF x Near_LoA	-7,50177471	-0,074	0,319
CHR9	18184257	CHR9:18184257	SSF x Near_LoA	-8,2522075	-0,081	0,292
CHR9	18184267	CHR9:18184267	SSF x Near_LoA	-8,065243	-0,059	0,298
CHR9	18195311	CHR9:18195311	SSF x Near_LoA	-6,88530702	-0,102	0,295

CHR9	18195331	CHR9:18195331	SSF x Near_LoA	-4,25320123	-0,077	0,320
CHR9	18195332	CHR9:18195332	SSF x Near_LoA	-4,62512395	-0,131	0,311
CHR9	18195366	CHR9:18195366	SSF x Near_LoA	-9,96708534	-0,079	0,305
CHR9	18195379	CHR9:18195379	SSF x Near_LoA	-9,08446142	-0,045	0,305
CHR9	18195385	CHR9:18195385	SSF x Near_LoA	-9,46740727	-0,033	0,297
CHR9	18195387	CHR9:18195387	SSF x Near_LoA	-6,89844738	0,079	0,312
CHR9	18200791	CHR9:18200791	SSF x Near_LoA	-11,3277537	-0,050	0,322
CHR9	18200818	CHR9:18200818	SSF x Near_LoA	-11,6293943	-0,056	0,322
CHR9	18200866	CHR9:18200866	SSF x Near_LoA	-6,90578783	0,032	0,303
CHR9	18204964	CHR9:18204964	SSF x Near_LoA	-7,8225177	-0,039	0,306
CHR9	18204968	CHR9:18204968	SSF x Near_LoA	-8,82311323	-0,033	0,309
CHR9	18205033	CHR9:18205033	SSF x Near_LoA	-8,98070998	-0,004	0,306
CHR9	18205050	CHR9:18205050	SSF x Near_LoA	-10,1217163	-0,047	0,309
CHR9	18209630	CHR9:18209630	SSF x Near_LoA	-6,85400001	-0,122	0,316
CHR9	18225523	CHR9:18225523	SSF x Near_LoA	-9,23553573	0,063	0,310
CHR9	18225529	CHR9:18225529	SSF x Near_LoA	-8,17224672	0,010	0,313
CHR9	18225569	CHR9:18225569	SSF x Near_LoA	-9,09135085	-0,001	0,307
CHR9	18225653	CHR9:18225653	SSF x Near_LoA	-11,1849352	-0,019	0,325
CHR9	18233598	CHR9:18233598	SSF x Near_LoA	-9,01790417	-0,011	0,292
CHR9	18233731	CHR9:18233731	SSF x Near_LoA	-10,5314513	-0,105	0,299
CHR9	18259570	CHR9:18259570	SSF x Near_LoA	-6,20549076	0,136	0,286
CHR9	18259634	CHR9:18259634	SSF x Near_LoA	-4,37756428	-0,041	0,313
CHR9	18259647	CHR9:18259647	SSF x Near_LoA	-11,5796356	-0,061	0,306
CHR9	18259937	CHR9:18259937	SSF x Near_LoA	-10,8341519	0,016	0,308
CHR9	18264119	CHR9:18264119	SSF x Near_LoA	-10,7567016	-0,061	0,314
CHR9	18264238	CHR9:18264238	SSF x Near_LoA	-10,2121945	0,034	0,312
CHR9	18268799	CHR9:18268799	SSF x Near_LoA	-8,44980809	-0,074	0,314
CHR9	18277619	CHR9:18277619	SSF x Near_LoA	-8,13219819	0,019	0,301
CHR9	18277762	CHR9:18277762	SSF x Near_LoA	-8,56317586	0,098	0,311
CHR9	18277767	CHR9:18277767	SSF x Near_LoA	-7,88169758	-0,093	0,299
CHR9	18277819	CHR9:18277819	SSF x Near_LoA	-10,8734916	-0,110	0,296
CHR9	18282516	CHR9:18282516	SSF x Near_LoA	-10,7731449	-0,107	0,300
CHR9	18284093	CHR9:18284093	SSF x Near_LoA	4,28184178	-0,077	0,315
CHR9	18288661	CHR9:18288661	SSF x Near_LoA	-9,88957288	-0,052	0,311
CHR9	18288704	CHR9:18288704	SSF x Near_LoA	-8,96384766	-0,061	0,307
CHR9	18289604	CHR9:18289604	SSF x Near_LoA	-7,6083575	-0,102	0,310
CHR9	18290182	CHR9:18290182	SSF x Near_LoA	-8,18815892	0,030	0,325
CHR9	18290196	CHR9:18290196	SSF x Near_LoA	-8,05857506	-0,019	0,319
CHR9	18296926	CHR9:18296926	SSF x Near_LoA	-8,60967987	-0,012	0,304
CHR9	18314214	CHR9:18314214	SSF x Near_LoA	-6,56294247	-0,099	0,303
CHR9	18314262	CHR9:18314262	SSF x Near_LoA	-8,41042583	-0,130	0,301
CHR9	18314490	CHR9:18314490	SSF x Near_LoA	-4,55598568	-0,077	0,325
CHR9	18314505	CHR9:18314505	SSF x Near_LoA	-8,24137268	0,091	0,325
CHR9	18314525	CHR9:18314525	SSF x Near_LoA	-10,1702761	-0,074	0,313
CHR9	18314611	CHR9:18314611	SSF x Near_LoA	-7,83982304	0,024	0,324
CHR9	18329983	CHR9:18329983	SSF x Near_LoA	-9,11392347	0,049	0,301
CHR9	18335779	CHR9:18335779	SSF x Near_LoA	-11,6928973	-0,076	0,305
CHR9	18335909	CHR9:18335909	SSF x Near_LoA	-9,23237832	-0,072	0,299
CHR9	18335919	CHR9:18335919	SSF x Near_LoA	-10,189849	-0,051	0,313
CHR9	18337674	CHR9:18337674	SSF x Near_LoA	-8,25176088	-0,035	0,315
CHR9	18342607	CHR9:18342607	SSF x Near_LoA	-9,63342892	0,061	0,297
CHR9	18342670	CHR9:18342670	SSF x Near_LoA	-10,9742985	0,000	0,313
CHR9	18342727	CHR9:18342727	SSF x Near_LoA	-9,68611251	-0,118	0,319

CHR9	18342748	CHR9:18342748	SSF x Near_LoA	-11,2581436	-0,018	0,301
CHR9	18345720	CHR9:18345720	SSF x Near_LoA	-7,58138891	0,089	0,295
CHR9	18345739	CHR9:18345739	SSF x Near_LoA	-11,2542791	0,015	0,300
CHR9	18345780	CHR9:18345780	SSF x Near_LoA	-7,76180531	0,057	0,292
CHR9	18345926	CHR9:18345926	SSF x Near_LoA	-7,25262836	0,071	0,312
CHR9	18346012	CHR9:18346012	SSF x Near_LoA	-9,55771377	0,016	0,315
CHR9	18346016	CHR9:18346016	SSF x Near_LoA	-9,08801323	-0,126	0,308
CHR9	18349050	CHR9:18349050	SSF x Near_LoA	-3,91370773	-0,095	0,318
CHR9	18349065	CHR9:18349065	SSF x Near_LoA	-10,5614692	-0,034	0,317
CHR9	18349129	CHR9:18349129	SSF x Near_LoA	-7,69407976	-0,126	0,317
CHR9	1834916	CHR9:1834916	SSF x Near_LoA	-9,06310858	0,003	0,306
CHR9	18365146	CHR9:18365146	SSF x Near_LoA	-8,00295757	-0,097	0,301
CHR9	18365374	CHR9:18365374	SSF x Near_LoA	-10,3664247	0,005	0,296
CHR9	18365384	CHR9:18365384	SSF x Near_LoA	-9,73473288	-0,107	0,305
CHR9	18365389	CHR9:18365389	SSF x Near_LoA	-9,00581455	0,054	0,325
CHR9	18371717	CHR9:18371717	SSF x Near_LoA	-9,49837321	-0,007	0,294
CHR9	18371829	CHR9:18371829	SSF x Near_LoA	-8,27917036	0,050	0,310
CHR9	18378037	CHR9:18378037	SSF x Near_LoA	-7,75694385	0,012	0,301
CHR9	18378038	CHR9:18378038	SSF x Near_LoA	-9,52901489	0,034	0,301
CHR9	18378050	CHR9:18378050	SSF x Near_LoA	-8,55026176	-0,077	0,298
CHR9	18383890	CHR9:18383890	SSF x Near_LoA	-10,5917964	0,033	0,303
CHR9	18383934	CHR9:18383934	SSF x Near_LoA	-8,24781385	-0,082	0,303
CHR9	18383944	CHR9:18383944	SSF x Near_LoA	-8,62492723	0,098	0,308
CHR9	18383959	CHR9:18383959	SSF x Near_LoA	-7,94921756	0,042	0,306
CHR9	18383980	CHR9:18383980	SSF x Near_LoA	-9,16493616	-0,022	0,301
CHR9	18392358	CHR9:18392358	SSF x Near_LoA	-7,52644443	-0,013	0,296
CHR9	18392477	CHR9:18392477	SSF x Near_LoA	-10,3172993	-0,030	0,311
CHR9	18392549	CHR9:18392549	SSF x Near_LoA	-10,0642426	0,050	0,308
CHR9	18392656	CHR9:18392656	SSF x Near_LoA	-9,18380715	0,025	0,301
CHR9	18401188	CHR9:18401188	SSF x Near_LoA	0,38426245	-0,018	0,330
CHR9	18403203	CHR9:18403203	SSF x Near_LoA	-10,2315666	-0,073	0,299
CHR9	18403319	CHR9:18403319	SSF x Near_LoA	-9,59008358	-0,048	0,302
CHR9	18403321	CHR9:18403321	SSF x Near_LoA	-8,48549036	0,022	0,311
CHR9	18406403	CHR9:18406403	SSF x Near_LoA	-10,2737177	-0,036	0,310
CHR9	18406418	CHR9:18406418	SSF x Near_LoA	-1,35890999	0,168	0,303
CHR9	18406445	CHR9:18406445	SSF x Near_LoA	-10,0589324	0,018	0,307
CHR9	18407292	CHR9:18407292	SSF x Near_LoA	-10,0578449	0,026	0,285
CHR9	18407294	CHR9:18407294	SSF x Near_LoA	-10,0445937	0,012	0,292
CHR9	18416956	CHR9:18416956	SSF x Near_LoA	-9,12550132	-0,071	0,306
CHR9	18417014	CHR9:18417014	SSF x Near_LoA	-6,26585228	-0,018	0,302
CHR9	18420121	CHR9:18420121	SSF x Near_LoA	-9,28089228	-0,112	0,302
CHR9	18420297	CHR9:18420297	SSF x Near_LoA	-11,41706	0,038	0,311
CHR9	18422035	CHR9:18422035	SSF x Near_LoA	-1,48880757	-0,217	0,281
CHR9	18422067	CHR9:18422067	SSF x Near_LoA	-5,72205886	0,157	0,310
CHR9	18422090	CHR9:18422090	SSF x Near_LoA	-4,99276493	0,156	0,308
CHR9	18422117	CHR9:18422117	SSF x Near_LoA	-6,30187006	-0,158	0,305
CHR9	18422127	CHR9:18422127	SSF x Near_LoA	0,00350538	0,131	0,301
CHR9	18422139	CHR9:18422139	SSF x Near_LoA	-5,50298406	-0,175	0,297
CHR9	18422205	CHR9:18422205	SSF x Near_LoA	-4,96010092	-0,148	0,291
CHR9	18422302	CHR9:18422302	SSF x Near_LoA	-8,71431948	-0,081	0,312
CHR9	18426901	CHR9:18426901	SSF x Near_LoA	-11,147086	0,040	0,302
CHR9	18426932	CHR9:18426932	SSF x Near_LoA	-8,02346177	-0,120	0,312
CHR9	18436196	CHR9:18436196	SSF x Near_LoA	-9,79789009	-0,128	0,304

CHR9	18436298	CHR9:18436298	SSF x Near_LoA	-9,29003642	-0,049	0,310
CHR9	18436300	CHR9:18436300	SSF x Near_LoA	-7,53157866	0,047	0,309
CHR9	18445445	CHR9:18445445	SSF x Near_LoA	-8,56585942	-0,064	0,320
CHR9	18445456	CHR9:18445456	SSF x Near_LoA	-5,52384477	-0,109	0,306
CHR9	1845016	CHR9:1845016	SSF x Near_LoA	-10,3059012	-0,074	0,314
CHR9	18459363	CHR9:18459363	SSF x Near_LoA	-6,71390774	0,054	0,306
CHR9	18478460	CHR9:18478460	SSF x Near_LoA	-12,2570553	0,005	0,296
CHR9	18478566	CHR9:18478566	SSF x Near_LoA	-8,80783162	0,054	0,304
CHR9	18478569	CHR9:18478569	SSF x Near_LoA	-9,78464454	-0,021	0,291
CHR9	18478578	CHR9:18478578	SSF x Near_LoA	-9,62845206	-0,030	0,300
CHR9	18480547	CHR9:18480547	SSF x Near_LoA	-9,165488	0,013	0,315
CHR9	18480590	CHR9:18480590	SSF x Near_LoA	-9,04876091	0,002	0,310
CHR9	18487851	CHR9:18487851	SSF x Near_LoA	-10,3181949	0,011	0,313
CHR9	18487899	CHR9:18487899	SSF x Near_LoA	-9,97524295	-0,126	0,289
CHR9	18488011	CHR9:18488011	SSF x Near_LoA	-4,84467001	-0,182	0,287
CHR9	18488100	CHR9:18488100	SSF x Near_LoA	-7,36772682	-0,089	0,305
CHR9	18498246	CHR9:18498246	SSF x Near_LoA	-10,0571459	0,052	0,297
CHR9	18498398	CHR9:18498398	SSF x Near_LoA	-7,76148832	0,048	0,296
CHR9	18499943	CHR9:18499943	SSF x Near_LoA	3,76267157	0,139	0,303
CHR9	18499979	CHR9:18499979	SSF x Near_LoA	-8,08569309	-0,095	0,304
CHR9	18504381	CHR9:18504381	SSF x Near_LoA	-7,79548251	0,120	0,315
CHR9	18504548	CHR9:18504548	SSF x Near_LoA	-8,09884817	0,093	0,310
CHR9	18517660	CHR9:18517660	SSF x Near_LoA	-6,51141914	0,147	0,305
CHR9	18518137	CHR9:18518137	SSF x Near_LoA	0,47774668	0,152	0,296
CHR9	18518144	CHR9:18518144	SSF x Near_LoA	-7,06597548	-0,172	0,306
CHR9	18535340	CHR9:18535340	SSF x Near_LoA	-2,0252089	0,091	0,288
CHR9	18535519	CHR9:18535519	SSF x Near_LoA	-8,93987877	0,026	0,307
CHR9	18535539	CHR9:18535539	SSF x Near_LoA	-9,42344667	0,001	0,287
CHR9	18535582	CHR9:18535582	SSF x Near_LoA	-10,6746462	-0,016	0,309
CHR9	18542809	CHR9:18542809	SSF x Near_LoA	-7,81726656	-0,030	0,312
CHR9	18542833	CHR9:18542833	SSF x Near_LoA	-6,9967576	0,038	0,294
CHR9	18542854	CHR9:18542854	SSF x Near_LoA	-12,3383875	0,022	0,300
CHR9	18542941	CHR9:18542941	SSF x Near_LoA	-8,91207647	0,123	0,305
CHR9	18542974	CHR9:18542974	SSF x Near_LoA	-7,95713751	-0,141	0,311
CHR9	18544967	CHR9:18544967	SSF x Near_LoA	-11,5932722	-0,012	0,305
CHR9	18548377	CHR9:18548377	SSF x Near_LoA	-7,51440728	-0,120	0,311
CHR9	18559548	CHR9:18559548	SSF x Near_LoA	-9,0161334	0,120	0,290
CHR9	18562642	CHR9:18562642	SSF x Near_LoA	-9,94815896	-0,103	0,310
CHR9	18567149	CHR9:18567149	SSF x Near_LoA	-9,28067503	-0,050	0,302
CHR9	18567156	CHR9:18567156	SSF x Near_LoA	-9,45693379	-0,092	0,315
CHR9	18567162	CHR9:18567162	SSF x Near_LoA	-10,0614515	0,009	0,309
CHR9	18567211	CHR9:18567211	SSF x Near_LoA	-9,79584421	-0,065	0,302
CHR9	18568590	CHR9:18568590	SSF x Near_LoA	-7,54961626	-0,030	0,305
CHR9	1856905	CHR9:1856905	SSF x Near_LoA	-4,37578785	0,083	0,307
CHR9	1857037	CHR9:1857037	SSF x Near_LoA	-7,5795354	0,021	0,309
CHR9	1857041	CHR9:1857041	SSF x Near_LoA	-8,51824981	-0,014	0,316
CHR9	18572823	CHR9:18572823	SSF x Near_LoA	-11,6827438	-0,018	0,313
CHR9	18579217	CHR9:18579217	SSF x Near_LoA	-10,6296843	0,031	0,311
CHR9	18579368	CHR9:18579368	SSF x Near_LoA	-10,2760344	0,017	0,317
CHR9	18579386	CHR9:18579386	SSF x Near_LoA	-10,3310102	0,014	0,304
CHR9	18586704	CHR9:18586704	SSF x Near_LoA	-10,004635	0,015	0,306
CHR9	18586721	CHR9:18586721	SSF x Near_LoA	-9,49416492	0,058	0,309
CHR9	18586801	CHR9:18586801	SSF x Near_LoA	-9,42815169	-0,130	0,307

CHR9	18586809	CHR9:18586809	SSF x Near_LoA	-9,20374766	-0,188	0,288
CHR9	18586815	CHR9:18586815	SSF x Near_LoA	-7,17648672	-0,175	0,306
CHR9	18586823	CHR9:18586823	SSF x Near_LoA	-9,86898189	-0,038	0,330
CHR9	18590536	CHR9:18590536	SSF x Near_LoA	-8,83331102	0,069	0,305
CHR9	18590548	CHR9:18590548	SSF x Near_LoA	-8,53582224	-0,087	0,314
CHR9	18590621	CHR9:18590621	SSF x Near_LoA	-7,68081044	0,076	0,297
CHR9	18601609	CHR9:18601609	SSF x Near_LoA	-4,52154771	-0,038	0,307
CHR9	18605012	CHR9:18605012	SSF x Near_LoA	-9,07939321	-0,023	0,298
CHR9	18613981	CHR9:18613981	SSF x Near_LoA	-9,04628609	0,054	0,313
CHR9	18622656	CHR9:18622656	SSF x Near_LoA	-5,0446418	0,075	0,321
CHR9	18622699	CHR9:18622699	SSF x Near_LoA	-8,19862018	-0,018	0,299
CHR9	18623425	CHR9:18623425	SSF x Near_LoA	-7,11714054	0,122	0,305
CHR9	18630636	CHR9:18630636	SSF x Near_LoA	-11,3324296	0,048	0,314
CHR9	18630672	CHR9:18630672	SSF x Near_LoA	-5,47438292	-0,111	0,302
CHR9	18632321	CHR9:18632321	SSF x Near_LoA	-8,91833175	-0,066	0,316
CHR9	18632328	CHR9:18632328	SSF x Near_LoA	-10,6224977	-0,030	0,317
CHR9	18632341	CHR9:18632341	SSF x Near_LoA	-10,6117887	0,026	0,306
CHR9	18632429	CHR9:18632429	SSF x Near_LoA	-9,27112758	0,030	0,306
CHR9	18662468	CHR9:18662468	SSF x Near_LoA	-9,62665427	0,082	0,310
CHR9	18662528	CHR9:18662528	SSF x Near_LoA	-9,53375265	-0,042	0,309
CHR9	18662531	CHR9:18662531	SSF x Near_LoA	-9,83553065	0,116	0,306
CHR9	18666143	CHR9:18666143	SSF x Near_LoA	-8,76551049	-0,163	0,310
CHR9	18666362	CHR9:18666362	SSF x Near_LoA	-9,47834443	0,083	0,308
CHR9	18673028	CHR9:18673028	SSF x Near_LoA	-9,91670176	0,019	0,312
CHR9	18673047	CHR9:18673047	SSF x Near_LoA	-9,66511372	-0,004	0,310
CHR9	18673085	CHR9:18673085	SSF x Near_LoA	-9,0938888	0,008	0,320
CHR9	18673111	CHR9:18673111	SSF x Near_LoA	-8,54417282	0,075	0,303
CHR9	18673127	CHR9:18673127	SSF x Near_LoA	-8,97375412	0,050	0,312
CHR9	18673131	CHR9:18673131	SSF x Near_LoA	-11,302059	-0,023	0,298
CHR9	18680843	CHR9:18680843	SSF x Near_LoA	-7,35259723	0,127	0,309
CHR9	18680879	CHR9:18680879	SSF x Near_LoA	-5,59860873	0,171	0,316
CHR9	18680886	CHR9:18680886	SSF x Near_LoA	-5,38459589	0,162	0,291
CHR9	18680887	CHR9:18680887	SSF x Near_LoA	-6,21385045	0,164	0,294
CHR9	18680913	CHR9:18680913	SSF x Near_LoA	-11,2313956	-0,006	0,303
CHR9	18680930	CHR9:18680930	SSF x Near_LoA	0,75361471	-0,065	0,307
CHR9	18682749	CHR9:18682749	SSF x Near_LoA	-6,77988443	-0,118	0,302
CHR9	18682763	CHR9:18682763	SSF x Near_LoA	-5,13840895	0,240	0,302
CHR9	18688178	CHR9:18688178	SSF x Near_LoA	-11,8153796	-0,047	0,318
CHR9	18688224	CHR9:18688224	SSF x Near_LoA	-8,201137	0,136	0,295
CHR9	18688253	CHR9:18688253	SSF x Near_LoA	-9,1487485	0,087	0,297
CHR9	18688284	CHR9:18688284	SSF x Near_LoA	-10,5423545	0,061	0,294
CHR9	18688419	CHR9:18688419	SSF x Near_LoA	-9,43991983	0,069	0,316
CHR9	18692066	CHR9:18692066	SSF x Near_LoA	-9,27900377	-0,112	0,308
CHR9	18692073	CHR9:18692073	SSF x Near_LoA	-11,0262911	-0,082	0,313
CHR9	18692164	CHR9:18692164	SSF x Near_LoA	-2,87726928	-0,059	0,310
CHR9	18695019	CHR9:18695019	SSF x Near_LoA	-8,44434008	-0,040	0,300
CHR9	18697428	CHR9:18697428	SSF x Near_LoA	-8,75161242	-0,043	0,336
CHR9	18697556	CHR9:18697556	SSF x Near_LoA	-8,1365536	-0,133	0,311
CHR9	18706340	CHR9:18706340	SSF x Near_LoA	-5,02191417	0,085	0,314
CHR9	18706352	CHR9:18706352	SSF x Near_LoA	-11,551562	-0,054	0,304
CHR9	18706378	CHR9:18706378	SSF x Near_LoA	-8,3778082	0,077	0,317
CHR9	18706381	CHR9:18706381	SSF x Near_LoA	-10,6365615	0,077	0,306
CHR9	18706434	CHR9:18706434	SSF x Near_LoA	-8,10812676	0,091	0,309

CHR9	18710148	CHR9:18710148	SSF x Near_LoA	-11,4050887	0,003	0,295
CHR9	18714509	CHR9:18714509	SSF x Near_LoA	-7,98530464	-0,061	0,304
CHR9	18714510	CHR9:18714510	SSF x Near_LoA	-10,4954367	0,044	0,295
CHR9	18714535	CHR9:18714535	SSF x Near_LoA	-9,21470478	-0,092	0,291
CHR9	18714550	CHR9:18714550	SSF x Near_LoA	-11,204048	0,075	0,286
CHR9	18714596	CHR9:18714596	SSF x Near_LoA	-8,95774697	0,081	0,307
CHR9	18715252	CHR9:18715252	SSF x Near_LoA	-11,3940307	-0,064	0,298
CHR9	18737194	CHR9:18737194	SSF x Near_LoA	-9,49300936	-0,011	0,302
CHR9	18738908	CHR9:18738908	SSF x Near_LoA	-11,0337533	-0,102	0,310
CHR9	1874180	CHR9:1874180	SSF x Near_LoA	-9,40731493	-0,032	0,309
CHR9	1874187	CHR9:1874187	SSF x Near_LoA	-11,6949921	0,018	0,301
CHR9	1874264	CHR9:1874264	SSF x Near_LoA	-7,00481201	0,167	0,302
CHR9	18745717	CHR9:18745717	SSF x Near_LoA	-10,7438941	0,013	0,297
CHR9	18745805	CHR9:18745805	SSF x Near_LoA	-10,0804694	0,138	0,304
CHR9	18746535	CHR9:18746535	SSF x Near_LoA	-5,39494913	0,115	0,296
CHR9	18746546	CHR9:18746546	SSF x Near_LoA	-9,5191594	0,093	0,307
CHR9	18746591	CHR9:18746591	SSF x Near_LoA	-9,21711662	-0,012	0,306
CHR9	18746623	CHR9:18746623	SSF x Near_LoA	-9,45950347	0,014	0,310
CHR9	18776303	CHR9:18776303	SSF x Near_LoA	-10,0192766	-0,024	0,300
CHR9	18776319	CHR9:18776319	SSF x Near_LoA	-7,65055787	-0,057	0,313
CHR9	18776346	CHR9:18776346	SSF x Near_LoA	-11,5345127	-0,007	0,302
CHR9	18776354	CHR9:18776354	SSF x Near_LoA	-8,69263037	0,002	0,304
CHR9	18776359	CHR9:18776359	SSF x Near_LoA	-7,43539957	-0,088	0,303
CHR9	18776869	CHR9:18776869	SSF x Near_LoA	-9,13899845	-0,060	0,317
CHR9	18780541	CHR9:18780541	SSF x Near_LoA	-10,1424347	-0,030	0,313
CHR9	18780563	CHR9:18780563	SSF x Near_LoA	-9,98496806	-0,023	0,311
CHR9	18780566	CHR9:18780566	SSF x Near_LoA	-8,91621703	-0,020	0,303
CHR9	18780568	CHR9:18780568	SSF x Near_LoA	-8,77218656	0,001	0,298
CHR9	18780589	CHR9:18780589	SSF x Near_LoA	-8,03447797	-0,055	0,299
CHR9	18780607	CHR9:18780607	SSF x Near_LoA	-7,52022146	0,002	0,319
CHR9	18780657	CHR9:18780657	SSF x Near_LoA	-8,7800813	-0,065	0,315
CHR9	18781868	CHR9:18781868	SSF x Near_LoA	-9,21494786	0,025	0,318
CHR9	18781898	CHR9:18781898	SSF x Near_LoA	-10,439161	0,087	0,295
CHR9	18781899	CHR9:18781899	SSF x Near_LoA	-7,01042953	-0,093	0,299
CHR9	18781904	CHR9:18781904	SSF x Near_LoA	-11,3239816	-0,008	0,324
CHR9	18786271	CHR9:18786271	SSF x Near_LoA	-9,71525335	0,085	0,298
CHR9	18786285	CHR9:18786285	SSF x Near_LoA	-9,21354086	0,106	0,300
CHR9	18786314	CHR9:18786314	SSF x Near_LoA	-10,601084	-0,008	0,308
CHR9	18786361	CHR9:18786361	SSF x Near_LoA	-8,8393226	-0,042	0,328
CHR9	18788486	CHR9:18788486	SSF x Near_LoA	-9,5184532	-0,131	0,308
CHR9	1879367	CHR9:1879367	SSF x Near_LoA	-10,9526728	-0,022	0,301
CHR9	1879411	CHR9:1879411	SSF x Near_LoA	-7,11798164	-0,069	0,312
CHR9	1879426	CHR9:1879426	SSF x Near_LoA	-9,47613214	0,017	0,308
CHR9	1879454	CHR9:1879454	SSF x Near_LoA	-8,26192712	0,001	0,307
CHR9	1879463	CHR9:1879463	SSF x Near_LoA	-10,6816718	-0,081	0,304
CHR9	1879482	CHR9:1879482	SSF x Near_LoA	-10,825903	0,009	0,308
CHR9	1879492	CHR9:1879492	SSF x Near_LoA	-5,45475282	0,093	0,306
CHR9	1879498	CHR9:1879498	SSF x Near_LoA	-10,8955469	-0,027	0,316
CHR9	1879511	CHR9:1879511	SSF x Near_LoA	-10,4188531	0,019	0,298
CHR9	1879545	CHR9:1879545	SSF x Near_LoA	-9,40591812	0,052	0,304
CHR9	18809648	CHR9:18809648	SSF x Near_LoA	-4,31727889	-0,225	0,299
CHR9	18809656	CHR9:18809656	SSF x Near_LoA	-4,15079896	0,245	0,293
CHR9	18809685	CHR9:18809685	SSF x Near_LoA	-9,22221059	0,116	0,299

CHR9	18809719	CHR9:18809719	SSF x Near_LoA	-8,51334181	0,158	0,293
CHR9	18809741	CHR9:18809741	SSF x Near_LoA	-3,19342125	-0,115	0,311
CHR9	18810418	CHR9:18810418	SSF x Near_LoA	-9,06793323	0,109	0,311
CHR9	18810530	CHR9:18810530	SSF x Near_LoA	-8,98132248	-0,042	0,304
CHR9	18810542	CHR9:18810542	SSF x Near_LoA	-9,46834405	-0,122	0,305
CHR9	18810710	CHR9:18810710	SSF x Near_LoA	-10,1262164	0,026	0,319
CHR9	18823752	CHR9:18823752	SSF x Near_LoA	-10,5403018	0,031	0,300
CHR9	18823800	CHR9:18823800	SSF x Near_LoA	-9,41265228	0,046	0,306
CHR9	18823812	CHR9:18823812	SSF x Near_LoA	-9,07363078	0,053	0,315
CHR9	18823860	CHR9:18823860	SSF x Near_LoA	-10,7310701	0,070	0,310
CHR9	18834418	CHR9:18834418	SSF x Near_LoA	-11,2117641	-0,049	0,317
CHR9	18834606	CHR9:18834606	SSF x Near_LoA	-7,92044971	0,102	0,310
CHR9	18834630	CHR9:18834630	SSF x Near_LoA	-4,02084123	-0,053	0,307
CHR9	18834665	CHR9:18834665	SSF x Near_LoA	-8,84898106	-0,013	0,310
CHR9	18834707	CHR9:18834707	SSF x Near_LoA	-8,59092005	-0,022	0,292
CHR9	18836943	CHR9:18836943	SSF x Near_LoA	-8,9512608	-0,050	0,310
CHR9	18836945	CHR9:18836945	SSF x Near_LoA	-10,7352625	0,012	0,299
CHR9	18836948	CHR9:18836948	SSF x Near_LoA	-10,2563775	-0,008	0,314
CHR9	18836965	CHR9:18836965	SSF x Near_LoA	-9,53600874	-0,010	0,310
CHR9	18836966	CHR9:18836966	SSF x Near_LoA	-9,67774748	-0,007	0,313
CHR9	18836985	CHR9:18836985	SSF x Near_LoA	-10,2934689	0,004	0,303
CHR9	18836986	CHR9:18836986	SSF x Near_LoA	-9,95596567	0,005	0,312
CHR9	18837008	CHR9:18837008	SSF x Near_LoA	-9,13356873	0,028	0,312
CHR9	18850845	CHR9:18850845	SSF x Near_LoA	-10,6291178	0,032	0,299
CHR9	18850868	CHR9:18850868	SSF x Near_LoA	-9,52392378	-0,021	0,297
CHR9	18850913	CHR9:18850913	SSF x Near_LoA	-8,93431937	0,021	0,307
CHR9	18861637	CHR9:18861637	SSF x Near_LoA	-8,35928853	0,080	0,309
CHR9	18861790	CHR9:18861790	SSF x Near_LoA	-7,05468548	-0,088	0,314
CHR9	1886890	CHR9:1886890	SSF x Near_LoA	-8,38036937	0,064	0,321
CHR9	18869553	CHR9:18869553	SSF x Near_LoA	-9,71297197	-0,015	0,298
CHR9	1886963	CHR9:1886963	SSF x Near_LoA	-10,0780669	0,021	0,314
CHR9	1887008	CHR9:1887008	SSF x Near_LoA	-8,53057676	-0,018	0,306
CHR9	1887083	CHR9:1887083	SSF x Near_LoA	-10,3189586	-0,008	0,312
CHR9	1887102	CHR9:1887102	SSF x Near_LoA	-7,20644413	-0,064	0,309
CHR9	18876610	CHR9:18876610	SSF x Near_LoA	-9,60107749	-0,057	0,311
CHR9	18876624	CHR9:18876624	SSF x Near_LoA	-7,10038875	0,026	0,313
CHR9	18877861	CHR9:18877861	SSF x Near_LoA	-7,548318	-0,168	0,317
CHR9	18899291	CHR9:18899291	SSF x Near_LoA	-6,47161079	-0,190	0,303
CHR9	18899297	CHR9:18899297	SSF x Near_LoA	-3,23497329	-0,211	0,295
CHR9	18899332	CHR9:18899332	SSF x Near_LoA	-6,85879599	0,129	0,309
CHR9	18899336	CHR9:18899336	SSF x Near_LoA	-7,42634867	0,154	0,298
CHR9	18899338	CHR9:18899338	SSF x Near_LoA	-11,4539354	0,026	0,296
CHR9	18899389	CHR9:18899389	SSF x Near_LoA	-7,17602094	0,232	0,276
CHR9	18899566	CHR9:18899566	SSF x Near_LoA	-10,4310952	0,001	0,306
CHR9	18899599	CHR9:18899599	SSF x Near_LoA	-8,37489731	0,060	0,296
CHR9	18899603	CHR9:18899603	SSF x Near_LoA	-10,4672423	0,012	0,310
CHR9	18899618	CHR9:18899618	SSF x Near_LoA	-10,326803	-0,016	0,302
CHR9	18899619	CHR9:18899619	SSF x Near_LoA	-10,3166118	-0,009	0,317
CHR9	18899625	CHR9:18899625	SSF x Near_LoA	-9,93124645	-0,001	0,302
CHR9	18899640	CHR9:18899640	SSF x Near_LoA	-9,88213247	-0,014	0,310
CHR9	18903954	CHR9:18903954	SSF x Near_LoA	-10,4895001	0,112	0,298
CHR9	18921228	CHR9:18921228	SSF x Near_LoA	-9,20375773	0,039	0,317
CHR9	18921314	CHR9:18921314	SSF x Near_LoA	-6,93029389	0,018	0,308

CHR9	18921418	CHR9:18921418	SSF x Near_LoA	-10,5090814	-0,008	0,309
CHR9	18924239	CHR9:18924239	SSF x Near_LoA	-8,57801435	0,227	0,289
CHR9	18941903	CHR9:18941903	SSF x Near_LoA	-8,42134306	-0,014	0,308
CHR9	18941996	CHR9:18941996	SSF x Near_LoA	-9,02572383	0,034	0,289
CHR9	18942011	CHR9:18942011	SSF x Near_LoA	-3,84573033	-0,163	0,301
CHR9	18942047	CHR9:18942047	SSF x Near_LoA	-9,27467744	0,016	0,293
CHR9	18957446	CHR9:18957446	SSF x Near_LoA	-8,31231209	-0,022	0,314
CHR9	18957459	CHR9:18957459	SSF x Near_LoA	-7,37222346	-0,164	0,300
CHR9	18957479	CHR9:18957479	SSF x Near_LoA	-9,6646941	0,069	0,318
CHR9	18957481	CHR9:18957481	SSF x Near_LoA	-8,53518104	0,113	0,289
CHR9	18957504	CHR9:18957504	SSF x Near_LoA	-7,62159	0,070	0,306
CHR9	18972404	CHR9:18972404	SSF x Near_LoA	-10,9495696	-0,071	0,323
CHR9	18972455	CHR9:18972455	SSF x Near_LoA	-11,4197311	0,073	0,309
CHR9	18972475	CHR9:18972475	SSF x Near_LoA	-10,5701743	0,114	0,303
CHR9	18972491	CHR9:18972491	SSF x Near_LoA	-11,0735744	0,066	0,306
CHR9	18972531	CHR9:18972531	SSF x Near_LoA	-8,05005794	0,075	0,313
CHR9	18972582	CHR9:18972582	SSF x Near_LoA	-7,06188779	0,010	0,307
CHR9	18972641	CHR9:18972641	SSF x Near_LoA	-10,5199024	-0,168	0,295
CHR9	18984125	CHR9:18984125	SSF x Near_LoA	-8,88935839	0,069	0,319
CHR9	18984153	CHR9:18984153	SSF x Near_LoA	-9,44829324	-0,051	0,314
CHR9	18984339	CHR9:18984339	SSF x Near_LoA	-7,23764208	-0,074	0,314
CHR9	18984361	CHR9:18984361	SSF x Near_LoA	-9,3542287	-0,021	0,300
CHR9	18984473	CHR9:18984473	SSF x Near_LoA	-7,33302995	-0,106	0,309
CHR9	18994931	CHR9:18994931	SSF x Near_LoA	-10,2200997	-0,045	0,299
CHR9	18994935	CHR9:18994935	SSF x Near_LoA	-12,2777704	0,033	0,293
CHR9	18994990	CHR9:18994990	SSF x Near_LoA	-9,11224561	-0,099	0,309
CHR9	18994994	CHR9:18994994	SSF x Near_LoA	-2,39694225	-0,181	0,286
CHR9	18995004	CHR9:18995004	SSF x Near_LoA	-7,57287869	0,017	0,326
CHR9	18995664	CHR9:18995664	SSF x Near_LoA	-11,4787289	-0,053	0,311
CHR9	1899632	CHR9:1899632	SSF x Near_LoA	-8,31282537	-0,090	0,306
CHR9	1899732	CHR9:1899732	SSF x Near_LoA	-10,1999511	0,025	0,315
CHR9	1899769	CHR9:1899769	SSF x Near_LoA	-10,9342825	0,036	0,318
CHR9	1899922	CHR9:1899922	SSF x Near_LoA	-11,1737402	-0,024	0,309
CHR9	1899936	CHR9:1899936	SSF x Near_LoA	-11,2635522	0,031	0,314
CHR9	19003707	CHR9:19003707	SSF x Near_LoA	-8,4544474	-0,146	0,292
CHR9	19003722	CHR9:19003722	SSF x Near_LoA	-7,6990139	-0,116	0,297
CHR9	19003780	CHR9:19003780	SSF x Near_LoA	-10,5411097	0,039	0,301
CHR9	19003871	CHR9:19003871	SSF x Near_LoA	-6,44186076	-0,172	0,297
CHR9	19007835	CHR9:19007835	SSF x Near_LoA	-6,97210954	-0,123	0,301
CHR9	19007984	CHR9:19007984	SSF x Near_LoA	-3,5001449	-0,144	0,301
CHR9	19015532	CHR9:19015532	SSF x Near_LoA	-8,37058509	0,037	0,301
CHR9	19018245	CHR9:19018245	SSF x Near_LoA	-11,1100023	-0,032	0,296
CHR9	19018252	CHR9:19018252	SSF x Near_LoA	-9,2261929	0,117	0,305
CHR9	19018268	CHR9:19018268	SSF x Near_LoA	-10,277691	0,027	0,301
CHR9	19018361	CHR9:19018361	SSF x Near_LoA	-9,8366146	-0,067	0,314
CHR9	19018381	CHR9:19018381	SSF x Near_LoA	-11,082255	-0,012	0,304
CHR9	19018417	CHR9:19018417	SSF x Near_LoA	-7,97364625	-0,124	0,292
CHR9	19018439	CHR9:19018439	SSF x Near_LoA	-8,23716181	-0,048	0,308
CHR9	19018467	CHR9:19018467	SSF x Near_LoA	-9,7845232	0,018	0,306
CHR9	19018475	CHR9:19018475	SSF x Near_LoA	-8,93377129	0,108	0,306
CHR9	19020752	CHR9:19020752	SSF x Near_LoA	-9,71867616	0,004	0,294
CHR9	19020755	CHR9:19020755	SSF x Near_LoA	-3,62962039	0,022	0,315
CHR9	19026573	CHR9:19026573	SSF x Near_LoA	-10,9423406	0,076	0,306

CHR9	19026668	CHR9:19026668	SSF x Near_LoA	-8,45728652	-0,015	0,315
CHR9	19026777	CHR9:19026777	SSF x Near_LoA	-9,52750255	-0,013	0,308
CHR9	19026780	CHR9:19026780	SSF x Near_LoA	-9,24348763	-0,120	0,283
CHR9	19026876	CHR9:19026876	SSF x Near_LoA	-6,90836961	0,028	0,316
CHR9	19026878	CHR9:19026878	SSF x Near_LoA	-8,9144963	0,026	0,307
CHR9	19032395	CHR9:19032395	SSF x Near_LoA	-11,1475409	0,053	0,313
CHR9	19032706	CHR9:19032706	SSF x Near_LoA	-6,54470742	-0,172	0,290
CHR9	19040293	CHR9:19040293	SSF x Near_LoA	-10,1272871	0,054	0,306
CHR9	19040311	CHR9:19040311	SSF x Near_LoA	-10,6700866	-0,074	0,311
CHR9	19040347	CHR9:19040347	SSF x Near_LoA	-8,72478655	0,016	0,309
CHR9	19040371	CHR9:19040371	SSF x Near_LoA	-7,62609078	0,037	0,321
CHR9	19040395	CHR9:19040395	SSF x Near_LoA	-10,376843	-0,043	0,293
CHR9	19052847	CHR9:19052847	SSF x Near_LoA	-7,34678242	-0,149	0,302
CHR9	19052871	CHR9:19052871	SSF x Near_LoA	-9,68896682	0,005	0,315
CHR9	19052891	CHR9:19052891	SSF x Near_LoA	-1,90257593	-0,181	0,309
CHR9	1905644	CHR9:1905644	SSF x Near_LoA	-10,5947175	-0,011	0,290
CHR9	1905689	CHR9:1905689	SSF x Near_LoA	-8,77570064	-0,057	0,303
CHR9	1905707	CHR9:1905707	SSF x Near_LoA	-5,73623659	0,112	0,310
CHR9	1905780	CHR9:1905780	SSF x Near_LoA	11,2798638	-0,147	0,293
CHR9	1905796	CHR9:1905796	SSF x Near_LoA	-7,95271591	-0,047	0,305
CHR9	19058432	CHR9:19058432	SSF x Near_LoA	-11,7772537	-0,039	0,311
CHR9	19060906	CHR9:19060906	SSF x Near_LoA	-8,88941566	0,025	0,298
CHR9	19060940	CHR9:19060940	SSF x Near_LoA	-8,72707435	-0,084	0,315
CHR9	19060947	CHR9:19060947	SSF x Near_LoA	-9,25733755	0,097	0,296
CHR9	19060961	CHR9:19060961	SSF x Near_LoA	-9,95409008	0,041	0,310
CHR9	19060966	CHR9:19060966	SSF x Near_LoA	-8,17191509	0,028	0,310
CHR9	19060989	CHR9:19060989	SSF x Near_LoA	-10,295449	-0,042	0,299
CHR9	19061010	CHR9:19061010	SSF x Near_LoA	-9,15079664	-0,013	0,296
CHR9	19061012	CHR9:19061012	SSF x Near_LoA	-11,855793	-0,033	0,304
CHR9	19061025	CHR9:19061025	SSF x Near_LoA	-10,8221159	-0,070	0,310
CHR9	19061039	CHR9:19061039	SSF x Near_LoA	-8,71631205	-0,064	0,311
CHR9	19065099	CHR9:19065099	SSF x Near_LoA	-9,13269764	-0,075	0,298
CHR9	19065378	CHR9:19065378	SSF x Near_LoA	-3,80642069	0,057	0,296
CHR9	19072719	CHR9:19072719	SSF x Near_LoA	-8,58824397	-0,043	0,308
CHR9	19072734	CHR9:19072734	SSF x Near_LoA	-8,72587123	0,100	0,298
CHR9	19072737	CHR9:19072737	SSF x Near_LoA	-7,35489408	0,108	0,302
CHR9	19072753	CHR9:19072753	SSF x Near_LoA	-8,0430335	-0,064	0,315
CHR9	19072755	CHR9:19072755	SSF x Near_LoA	-7,36341882	-0,147	0,320
CHR9	19072878	CHR9:19072878	SSF x Near_LoA	-1,4496795	-0,238	0,289
CHR9	19082139	CHR9:19082139	SSF x Near_LoA	-7,16883382	-0,012	0,311
CHR9	19082141	CHR9:19082141	SSF x Near_LoA	-8,115022	-0,005	0,306
CHR9	19082168	CHR9:19082168	SSF x Near_LoA	-9,16768735	-0,009	0,303
CHR9	19082171	CHR9:19082171	SSF x Near_LoA	-8,43994358	0,031	0,300
CHR9	19082188	CHR9:19082188	SSF x Near_LoA	-8,49811531	0,031	0,301
CHR9	19082189	CHR9:19082189	SSF x Near_LoA	0,13390743	-0,110	0,300
CHR9	19082222	CHR9:19082222	SSF x Near_LoA	-10,561882	-0,122	0,304
CHR9	19092898	CHR9:19092898	SSF x Near_LoA	-8,78387731	0,079	0,290
CHR9	19092911	CHR9:19092911	SSF x Near_LoA	-8,87437383	-0,058	0,295
CHR9	19092938	CHR9:19092938	SSF x Near_LoA	-11,2162328	-0,072	0,319
CHR9	19092961	CHR9:19092961	SSF x Near_LoA	-10,0536817	-0,029	0,297
CHR9	19092979	CHR9:19092979	SSF x Near_LoA	-11,5864423	0,036	0,306
CHR9	19093018	CHR9:19093018	SSF x Near_LoA	-8,20550759	0,042	0,304
CHR9	19094613	CHR9:19094613	SSF x Near_LoA	-11,5794582	-0,012	0,319

CHR9	1909784	CHR9:1909784	SSF x Near_LoA	-9,88878479	0,011	0,316
CHR9	1909845	CHR9:1909845	SSF x Near_LoA	-8,82536102	-0,012	0,305
CHR9	1909937	CHR9:1909937	SSF x Near_LoA	-10,844678	-0,038	0,294
CHR9	1909977	CHR9:1909977	SSF x Near_LoA	-12,3108081	0,034	0,294
CHR9	19105790	CHR9:19105790	SSF x Near_LoA	-9,17618595	-0,030	0,310
CHR9	19105799	CHR9:19105799	SSF x Near_LoA	-9,29234373	-0,032	0,311
CHR9	19105801	CHR9:19105801	SSF x Near_LoA	-9,74461904	-0,042	0,305
CHR9	19105802	CHR9:19105802	SSF x Near_LoA	-10,6052814	-0,007	0,324
CHR9	19105826	CHR9:19105826	SSF x Near_LoA	-8,76418705	-0,072	0,302
CHR9	19105836	CHR9:19105836	SSF x Near_LoA	-9,37986499	-0,035	0,305
CHR9	19105860	CHR9:19105860	SSF x Near_LoA	-9,54060474	-0,031	0,298
CHR9	19105878	CHR9:19105878	SSF x Near_LoA	-7,2985509	0,135	0,295
CHR9	19107133	CHR9:19107133	SSF x Near_LoA	-7,23512559	-0,103	0,314
CHR9	19107211	CHR9:19107211	SSF x Near_LoA	-2,83853334	-0,210	0,289
CHR9	19107214	CHR9:19107214	SSF x Near_LoA	-5,94226231	-0,208	0,305
CHR9	19107286	CHR9:19107286	SSF x Near_LoA	-9,73757118	0,013	0,310
CHR9	19107304	CHR9:19107304	SSF x Near_LoA	-8,29281138	0,105	0,301
CHR9	19107329	CHR9:19107329	SSF x Near_LoA	-10,7154202	-0,022	0,305
CHR9	19113771	CHR9:19113771	SSF x Near_LoA	-8,05496492	0,042	0,304
CHR9	19113775	CHR9:19113775	SSF x Near_LoA	-8,41131767	0,006	0,315
CHR9	19113784	CHR9:19113784	SSF x Near_LoA	-8,72946991	-0,042	0,300
CHR9	19126553	CHR9:19126553	SSF x Near_LoA	-7,1117639	0,035	0,305
CHR9	19126568	CHR9:19126568	SSF x Near_LoA	-11,852471	0,000	0,323
CHR9	19126657	CHR9:19126657	SSF x Near_LoA	-10,7754288	-0,043	0,304
CHR9	19126674	CHR9:19126674	SSF x Near_LoA	-11,0035613	-0,023	0,306
CHR9	19130461	CHR9:19130461	SSF x Near_LoA	-8,25862101	-0,068	0,308
CHR9	19130514	CHR9:19130514	SSF x Near_LoA	-7,70129037	-0,072	0,314
CHR9	19131802	CHR9:19131802	SSF x Near_LoA	-9,27939545	-0,124	0,304
CHR9	19131845	CHR9:19131845	SSF x Near_LoA	-9,25729047	-0,024	0,302
CHR9	19131849	CHR9:19131849	SSF x Near_LoA	-10,5980257	-0,014	0,311
CHR9	19131872	CHR9:19131872	SSF x Near_LoA	-7,48880313	0,123	0,302
CHR9	19131879	CHR9:19131879	SSF x Near_LoA	-9,52694643	0,061	0,314
CHR9	19131906	CHR9:19131906	SSF x Near_LoA	-6,22140432	0,144	0,291
CHR9	19131909	CHR9:19131909	SSF x Near_LoA	-6,98993564	-0,122	0,299
CHR9	19131910	CHR9:19131910	SSF x Near_LoA	-6,47133333	0,129	0,305
CHR9	19136269	CHR9:19136269	SSF x Near_LoA	-8,31319677	0,137	0,291
CHR9	19136303	CHR9:19136303	SSF x Near_LoA	-8,62159195	-0,061	0,307
CHR9	19136314	CHR9:19136314	SSF x Near_LoA	-7,67075362	0,097	0,310
CHR9	19136326	CHR9:19136326	SSF x Near_LoA	-8,97748635	0,045	0,291
CHR9	19136337	CHR9:19136337	SSF x Near_LoA	-7,80485405	0,156	0,304
CHR9	19136340	CHR9:19136340	SSF x Near_LoA	-8,91534593	0,059	0,299
CHR9	19136347	CHR9:19136347	SSF x Near_LoA	-8,31165471	0,079	0,302
CHR9	19136352	CHR9:19136352	SSF x Near_LoA	-8,13288374	-0,102	0,290
CHR9	19138050	CHR9:19138050	SSF x Near_LoA	-11,8025257	0,079	0,315
CHR9	19138059	CHR9:19138059	SSF x Near_LoA	-10,2881298	0,020	0,308
CHR9	19138073	CHR9:19138073	SSF x Near_LoA	-9,06860704	0,005	0,306
CHR9	19138087	CHR9:19138087	SSF x Near_LoA	-9,56280007	0,085	0,302
CHR9	19138108	CHR9:19138108	SSF x Near_LoA	-8,95226389	0,048	0,296
CHR9	19140084	CHR9:19140084	SSF x Near_LoA	-8,90742795	0,016	0,320
CHR9	19140095	CHR9:19140095	SSF x Near_LoA	-10,8421679	0,015	0,316
CHR9	19140187	CHR9:19140187	SSF x Near_LoA	-8,52437741	0,049	0,308
CHR9	19142060	CHR9:19142060	SSF x Near_LoA	-6,45551022	-0,183	0,304
CHR9	19142126	CHR9:19142126	SSF x Near_LoA	-10,8249569	0,042	0,299

CHR9	19142614	CHR9:19142614	SSF x Near_LoA	-10,6042785	0,021	0,293
CHR9	19142618	CHR9:19142618	SSF x Near_LoA	-10,4674217	0,022	0,301
CHR9	19142644	CHR9:19142644	SSF x Near_LoA	-5,63262712	-0,129	0,311
CHR9	19142665	CHR9:19142665	SSF x Near_LoA	-5,1886134	-0,179	0,298
CHR9	19142723	CHR9:19142723	SSF x Near_LoA	-9,89738254	-0,100	0,320
CHR9	19148404	CHR9:19148404	SSF x Near_LoA	-9,74263342	0,039	0,303
CHR9	19148429	CHR9:19148429	SSF x Near_LoA	-11,3229177	0,010	0,298
CHR9	19148444	CHR9:19148444	SSF x Near_LoA	-5,8208237	0,029	0,299
CHR9	19148456	CHR9:19148456	SSF x Near_LoA	-8,06648358	0,017	0,306
CHR9	19148509	CHR9:19148509	SSF x Near_LoA	-9,34719504	0,059	0,302
CHR9	19148522	CHR9:19148522	SSF x Near_LoA	-7,59541358	0,012	0,315
CHR9	19149921	CHR9:19149921	SSF x Near_LoA	-9,10779073	0,028	0,308
CHR9	19162589	CHR9:19162589	SSF x Near_LoA	-6,59743219	0,150	0,294
CHR9	19162622	CHR9:19162622	SSF x Near_LoA	-10,3524075	-0,063	0,304
CHR9	19162661	CHR9:19162661	SSF x Near_LoA	-10,5703628	-0,088	0,302
CHR9	19162760	CHR9:19162760	SSF x Near_LoA	-10,5332067	-0,039	0,305
CHR9	19165714	CHR9:19165714	SSF x Near_LoA	-10,5182208	0,113	0,306
CHR9	19165741	CHR9:19165741	SSF x Near_LoA	-10,4596712	-0,073	0,315
CHR9	19166148	CHR9:19166148	SSF x Near_LoA	-8,49535528	0,046	0,307
CHR9	19166154	CHR9:19166154	SSF x Near_LoA	-9,23999714	0,072	0,305
CHR9	19169929	CHR9:19169929	SSF x Near_LoA	-4,6839343	0,097	0,305
CHR9	19176126	CHR9:19176126	SSF x Near_LoA	-10,1916223	-0,060	0,316
CHR9	19176128	CHR9:19176128	SSF x Near_LoA	-9,77580109	0,022	0,301
CHR9	19176177	CHR9:19176177	SSF x Near_LoA	-8,54315466	0,065	0,300
CHR9	19176186	CHR9:19176186	SSF x Near_LoA	-10,4792032	0,046	0,313
CHR9	19176251	CHR9:19176251	SSF x Near_LoA	-2,7321215	0,009	0,307
CHR9	19177612	CHR9:19177612	SSF x Near_LoA	-8,66555051	-0,037	0,310
CHR9	19177620	CHR9:19177620	SSF x Near_LoA	-11,7854324	-0,072	0,301
CHR9	19177625	CHR9:19177625	SSF x Near_LoA	-11,4744034	-0,085	0,306
CHR9	19177756	CHR9:19177756	SSF x Near_LoA	-10,6831205	0,047	0,298
CHR9	19177786	CHR9:19177786	SSF x Near_LoA	-8,93240903	-0,006	0,309
CHR9	19179810	CHR9:19179810	SSF x Near_LoA	-4,03282925	-0,052	0,327
CHR9	19179816	CHR9:19179816	SSF x Near_LoA	-10,2064879	0,008	0,316
CHR9	19179851	CHR9:19179851	SSF x Near_LoA	-6,51676029	0,074	0,317
CHR9	19180273	CHR9:19180273	SSF x Near_LoA	-8,06142712	-0,112	0,282
CHR9	19180394	CHR9:19180394	SSF x Near_LoA	-11,6556882	-0,009	0,295
CHR9	19184564	CHR9:19184564	SSF x Near_LoA	-9,50688071	-0,152	0,301
CHR9	19184567	CHR9:19184567	SSF x Near_LoA	-11,3054515	-0,032	0,309
CHR9	19184607	CHR9:19184607	SSF x Near_LoA	-9,48622177	0,000	0,324
CHR9	19184616	CHR9:19184616	SSF x Near_LoA	-11,0970492	-0,004	0,311
CHR9	19184682	CHR9:19184682	SSF x Near_LoA	-7,93211093	-0,017	0,306
CHR9	19184687	CHR9:19184687	SSF x Near_LoA	-11,1164857	0,015	0,312
CHR9	19184688	CHR9:19184688	SSF x Near_LoA	1,11701105	-0,187	0,312
CHR9	19184749	CHR9:19184749	SSF x Near_LoA	-9,86343263	0,047	0,314
CHR9	19184778	CHR9:19184778	SSF x Near_LoA	-7,60123866	0,221	0,295
CHR9	19187663	CHR9:19187663	SSF x Near_LoA	-3,862697	0,156	0,306
CHR9	19187690	CHR9:19187690	SSF x Near_LoA	-9,30709818	-0,045	0,314
CHR9	19187738	CHR9:19187738	SSF x Near_LoA	-7,90654639	-0,081	0,315
CHR9	19187745	CHR9:19187745	SSF x Near_LoA	-9,30321093	-0,075	0,309
CHR9	19187753	CHR9:19187753	SSF x Near_LoA	-7,42015936	-0,060	0,308
CHR9	19187775	CHR9:19187775	SSF x Near_LoA	-11,5510417	-0,080	0,302
CHR9	19187776	CHR9:19187776	SSF x Near_LoA	-8,45592363	-0,131	0,302
CHR9	19187837	CHR9:19187837	SSF x Near_LoA	-7,93958132	0,028	0,300

CHR9	19187845	CHR9:19187845	SSF x Near_LoA	-8,58134497	0,004	0,285
CHR9	19187863	CHR9:19187863	SSF x Near_LoA	-10,7213617	-0,071	0,305
CHR9	19187869	CHR9:19187869	SSF x Near_LoA	-9,35159717	0,041	0,307
CHR9	19187870	CHR9:19187870	SSF x Near_LoA	-9,63140492	0,025	0,300
CHR9	19187909	CHR9:19187909	SSF x Near_LoA	-7,05878518	0,060	0,303
CHR9	19187915	CHR9:19187915	SSF x Near_LoA	-7,82928089	-0,044	0,314
CHR9	19192757	CHR9:19192757	SSF x Near_LoA	-8,94038922	-0,078	0,289
CHR9	19192785	CHR9:19192785	SSF x Near_LoA	-9,85328052	0,091	0,300
CHR9	19192819	CHR9:19192819	SSF x Near_LoA	-8,93356643	-0,107	0,290
CHR9	19194834	CHR9:19194834	SSF x Near_LoA	-8,30120609	-0,116	0,301
CHR9	19201935	CHR9:19201935	SSF x Near_LoA	-8,49875511	0,119	0,271
CHR9	19201966	CHR9:19201966	SSF x Near_LoA	-6,15649484	0,108	0,275
CHR9	19211597	CHR9:19211597	SSF x Near_LoA	-3,6134237	-0,030	0,316
CHR9	19211631	CHR9:19211631	SSF x Near_LoA	13,6190475	-0,115	0,295
CHR9	19211634	CHR9:19211634	SSF x Near_LoA	-4,51592905	-0,149	0,312
CHR9	19213911	CHR9:19213911	SSF x Near_LoA	-7,71663736	0,183	0,302
CHR9	19214004	CHR9:19214004	SSF x Near_LoA	-9,74936433	-0,104	0,311
CHR9	19214005	CHR9:19214005	SSF x Near_LoA	-6,62378434	-0,093	0,293
CHR9	19214121	CHR9:19214121	SSF x Near_LoA	-9,44821371	0,075	0,302
CHR9	1921612	CHR9:1921612	SSF x Near_LoA	-8,21582872	0,121	0,302
CHR9	1921620	CHR9:1921620	SSF x Near_LoA	-5,97617334	0,083	0,305
CHR9	1921649	CHR9:1921649	SSF x Near_LoA	-6,70525233	-0,023	0,316
CHR9	1921682	CHR9:1921682	SSF x Near_LoA	-9,60067034	-0,020	0,318
CHR9	19217312	CHR9:19217312	SSF x Near_LoA	-8,14705981	0,124	0,305
CHR9	19217380	CHR9:19217380	SSF x Near_LoA	-10,9797076	-0,055	0,308
CHR9	19217413	CHR9:19217413	SSF x Near_LoA	-10,5147895	-0,052	0,296
CHR9	19217428	CHR9:19217428	SSF x Near_LoA	-8,76625285	-0,053	0,300
CHR9	19217448	CHR9:19217448	SSF x Near_LoA	-8,55963765	0,018	0,309
CHR9	19217465	CHR9:19217465	SSF x Near_LoA	-9,29252105	0,064	0,298
CHR9	19217508	CHR9:19217508	SSF x Near_LoA	-9,72420803	-0,005	0,304
CHR9	19217519	CHR9:19217519	SSF x Near_LoA	-4,9835254	0,048	0,302
CHR9	19217535	CHR9:19217535	SSF x Near_LoA	-10,9741913	0,112	0,305
CHR9	19236513	CHR9:19236513	SSF x Near_LoA	1,17070574	0,172	0,295
CHR9	19257245	CHR9:19257245	SSF x Near_LoA	-11,2172686	-0,006	0,314
CHR9	19258046	CHR9:19258046	SSF x Near_LoA	-9,35385	-0,094	0,304
CHR9	19258091	CHR9:19258091	SSF x Near_LoA	-10,4310888	0,108	0,302
CHR9	19258216	CHR9:19258216	SSF x Near_LoA	-8,41940919	0,033	0,311
CHR9	1926146	CHR9:1926146	SSF x Near_LoA	-9,27013742	-0,035	0,302
CHR9	1926171	CHR9:1926171	SSF x Near_LoA	-11,7831349	-0,020	0,300
CHR9	19262121	CHR9:19262121	SSF x Near_LoA	-9,54100904	-0,031	0,307
CHR9	1926224	CHR9:1926224	SSF x Near_LoA	-10,5641581	0,055	0,311
CHR9	19262241	CHR9:19262241	SSF x Near_LoA	-9,53259022	-0,062	0,311
CHR9	19262351	CHR9:19262351	SSF x Near_LoA	-11,5054655	0,001	0,307
CHR9	19266336	CHR9:19266336	SSF x Near_LoA	-5,95674783	0,102	0,312
CHR9	19266377	CHR9:19266377	SSF x Near_LoA	-10,9919176	-0,070	0,300
CHR9	19266396	CHR9:19266396	SSF x Near_LoA	-9,260397	0,039	0,307
CHR9	19267661	CHR9:19267661	SSF x Near_LoA	-8,02355453	0,112	0,296
CHR9	19267689	CHR9:19267689	SSF x Near_LoA	-7,08425673	0,106	0,309
CHR9	19274121	CHR9:19274121	SSF x Near_LoA	-9,73648489	0,119	0,303
CHR9	19278270	CHR9:19278270	SSF x Near_LoA	-6,93024333	-0,028	0,312
CHR9	19278321	CHR9:19278321	SSF x Near_LoA	-8,88676331	-0,015	0,314
CHR9	19278370	CHR9:19278370	SSF x Near_LoA	-9,2442093	0,041	0,297
CHR9	19278387	CHR9:19278387	SSF x Near_LoA	-8,13549624	0,072	0,301

CHR9	19281080	CHR9:19281080	SSF x Near_LoA	-7,8754633	0,045	0,305
CHR9	19287429	CHR9:19287429	SSF x Near_LoA	-10,9417893	-0,064	0,311
CHR9	19287451	CHR9:19287451	SSF x Near_LoA	-8,79468926	-0,061	0,322
CHR9	19287461	CHR9:19287461	SSF x Near_LoA	-9,83712569	-0,041	0,312
CHR9	19287495	CHR9:19287495	SSF x Near_LoA	-3,65275635	-0,043	0,301
CHR9	19287496	CHR9:19287496	SSF x Near_LoA	-10,7297025	-0,027	0,301
CHR9	19287502	CHR9:19287502	SSF x Near_LoA	-8,86516986	0,047	0,309
CHR9	1928903	CHR9:1928903	SSF x Near_LoA	-6,65600482	-0,113	0,310
CHR9	1928951	CHR9:1928951	SSF x Near_LoA	-4,35467132	-0,174	0,308
CHR9	1928962	CHR9:1928962	SSF x Near_LoA	-10,1510781	0,077	0,300
CHR9	1928973	CHR9:1928973	SSF x Near_LoA	-7,00315638	-0,122	0,289
CHR9	19294421	CHR9:19294421	SSF x Near_LoA	-11,1704663	0,050	0,302
CHR9	19294431	CHR9:19294431	SSF x Near_LoA	-11,5361192	0,047	0,307
CHR9	19294443	CHR9:19294443	SSF x Near_LoA	-6,87955852	0,065	0,313
CHR9	19294454	CHR9:19294454	SSF x Near_LoA	-11,1537389	-0,046	0,305
CHR9	19294461	CHR9:19294461	SSF x Near_LoA	-10,5459298	-0,055	0,310
CHR9	19294479	CHR9:19294479	SSF x Near_LoA	-9,86332071	0,142	0,296
CHR9	19294493	CHR9:19294493	SSF x Near_LoA	-10,5686255	0,016	0,313
CHR9	19294519	CHR9:19294519	SSF x Near_LoA	-9,16480507	0,119	0,304
CHR9	19294534	CHR9:19294534	SSF x Near_LoA	-8,26461354	0,050	0,297
CHR9	19294541	CHR9:19294541	SSF x Near_LoA	-8,45522975	0,061	0,305
CHR9	19294587	CHR9:19294587	SSF x Near_LoA	-10,8230755	0,032	0,297
CHR9	19294646	CHR9:19294646	SSF x Near_LoA	-10,2351227	-0,112	0,304
CHR9	19294657	CHR9:19294657	SSF x Near_LoA	-8,96085659	0,033	0,309
CHR9	19294658	CHR9:19294658	SSF x Near_LoA	-7,87477204	-0,009	0,316
CHR9	19298110	CHR9:19298110	SSF x Near_LoA	-9,4550028	0,126	0,307
CHR9	19298176	CHR9:19298176	SSF x Near_LoA	-9,54834895	0,016	0,305
CHR9	19298195	CHR9:19298195	SSF x Near_LoA	-9,57061255	0,016	0,310
CHR9	19298221	CHR9:19298221	SSF x Near_LoA	-8,29738172	-0,009	0,309
CHR9	19299619	CHR9:19299619	SSF x Near_LoA	-8,23632339	-0,053	0,327
CHR9	19299631	CHR9:19299631	SSF x Near_LoA	-9,39534273	-0,043	0,309
CHR9	19303013	CHR9:19303013	SSF x Near_LoA	-7,78519186	-0,196	0,298
CHR9	19313132	CHR9:19313132	SSF x Near_LoA	-9,3933861	0,036	0,316
CHR9	19313166	CHR9:19313166	SSF x Near_LoA	-8,6346045	-0,028	0,302
CHR9	19313172	CHR9:19313172	SSF x Near_LoA	-3,25310368	-0,233	0,285
CHR9	19313186	CHR9:19313186	SSF x Near_LoA	-9,72290451	-0,017	0,305
CHR9	19313249	CHR9:19313249	SSF x Near_LoA	-6,60035397	0,002	0,302
CHR9	19313320	CHR9:19313320	SSF x Near_LoA	-7,64164534	0,008	0,300
CHR9	1933134	CHR9:1933134	SSF x Near_LoA	-8,00391749	0,000	0,326
CHR9	1933627	CHR9:1933627	SSF x Near_LoA	-6,0017416	-0,107	0,290
CHR9	1933637	CHR9:1933637	SSF x Near_LoA	-10,2054742	-0,004	0,322
CHR9	1933641	CHR9:1933641	SSF x Near_LoA	-8,44545666	-0,093	0,296
CHR9	1933681	CHR9:1933681	SSF x Near_LoA	-9,46151795	-0,058	0,315
CHR9	19336862	CHR9:19336862	SSF x Near_LoA	-7,92834497	-0,021	0,316
CHR9	19336936	CHR9:19336936	SSF x Near_LoA	-10,4697004	-0,018	0,304
CHR9	19336992	CHR9:19336992	SSF x Near_LoA	-6,42111537	0,072	0,314
CHR9	1933703	CHR9:1933703	SSF x Near_LoA	-10,3487767	0,057	0,308
CHR9	19337046	CHR9:19337046	SSF x Near_LoA	-8,90258826	-0,062	0,311
CHR9	19337060	CHR9:19337060	SSF x Near_LoA	-10,0028952	-0,047	0,312
CHR9	19337068	CHR9:19337068	SSF x Near_LoA	-7,63934234	0,059	0,313
CHR9	19337071	CHR9:19337071	SSF x Near_LoA	-9,26963771	0,030	0,298
CHR9	19337077	CHR9:19337077	SSF x Near_LoA	-7,98896891	-0,010	0,314
CHR9	19337100	CHR9:19337100	SSF x Near_LoA	-10,9633213	0,038	0,298

CHR9	19337118	CHR9:19337118	SSF x Near_LoA	-10,046093	0,034	0,304
CHR9	19350167	CHR9:19350167	SSF x Near_LoA	-9,75729795	0,111	0,302
CHR9	19356635	CHR9:19356635	SSF x Near_LoA	-11,2180662	-0,128	0,310
CHR9	19356641	CHR9:19356641	SSF x Near_LoA	-10,0044788	-0,124	0,311
CHR9	19357487	CHR9:19357487	SSF x Near_LoA	-9,5069224	0,034	0,312
CHR9	19357498	CHR9:19357498	SSF x Near_LoA	-7,97872314	0,021	0,326
CHR9	19357514	CHR9:19357514	SSF x Near_LoA	-7,02365007	0,038	0,315
CHR9	19357548	CHR9:19357548	SSF x Near_LoA	-8,89471241	-0,017	0,312
CHR9	19357561	CHR9:19357561	SSF x Near_LoA	-8,42824281	0,034	0,313
CHR9	19357569	CHR9:19357569	SSF x Near_LoA	-8,272382	0,009	0,305
CHR9	19357584	CHR9:19357584	SSF x Near_LoA	-9,85389858	-0,013	0,313
CHR9	19357655	CHR9:19357655	SSF x Near_LoA	-11,2314198	-0,027	0,295
CHR9	19367480	CHR9:19367480	SSF x Near_LoA	-7,39401854	-0,003	0,324
CHR9	19367484	CHR9:19367484	SSF x Near_LoA	-8,20175788	0,062	0,316
CHR9	19367505	CHR9:19367505	SSF x Near_LoA	-9,331107	-0,040	0,311
CHR9	19367506	CHR9:19367506	SSF x Near_LoA	-6,20612862	-0,014	0,298
CHR9	19367520	CHR9:19367520	SSF x Near_LoA	-11,2293539	-0,037	0,320
CHR9	19367546	CHR9:19367546	SSF x Near_LoA	-6,46740021	-0,144	0,308
CHR9	19368084	CHR9:19368084	SSF x Near_LoA	-8,95163574	0,013	0,303
CHR9	19368096	CHR9:19368096	SSF x Near_LoA	-9,95219271	-0,076	0,315
CHR9	19368129	CHR9:19368129	SSF x Near_LoA	-9,665952	-0,089	0,313
CHR9	19368194	CHR9:19368194	SSF x Near_LoA	-8,36208508	-0,083	0,307
CHR9	19368197	CHR9:19368197	SSF x Near_LoA	-10,9090359	-0,048	0,312
CHR9	19368198	CHR9:19368198	SSF x Near_LoA	-11,3582253	-0,042	0,293
CHR9	19368202	CHR9:19368202	SSF x Near_LoA	-8,5815623	-0,065	0,316
CHR9	19372334	CHR9:19372334	SSF x Near_LoA	-8,32500526	0,057	0,315
CHR9	19372383	CHR9:19372383	SSF x Near_LoA	-8,48864046	-0,018	0,305
CHR9	19373968	CHR9:19373968	SSF x Near_LoA	-9,88347953	0,129	0,312
CHR9	19374088	CHR9:19374088	SSF x Near_LoA	-11,1367865	-0,033	0,294
CHR9	19375979	CHR9:19375979	SSF x Near_LoA	-7,6094815	-0,008	0,315
CHR9	19375982	CHR9:19375982	SSF x Near_LoA	-7,06762484	-0,060	0,315
CHR9	19388804	CHR9:19388804	SSF x Near_LoA	-8,774715	-0,005	0,301
CHR9	19388814	CHR9:19388814	SSF x Near_LoA	-10,8343278	0,019	0,309
CHR9	19388855	CHR9:19388855	SSF x Near_LoA	-8,14647587	0,036	0,295
CHR9	19396629	CHR9:19396629	SSF x Near_LoA	-8,91406202	0,132	0,305
CHR9	1939905	CHR9:1939905	SSF x Near_LoA	-5,55844725	-0,167	0,305
CHR9	19401207	CHR9:19401207	SSF x Near_LoA	-9,25659778	-0,063	0,302
CHR9	19401257	CHR9:19401257	SSF x Near_LoA	-8,97542345	0,037	0,311
CHR9	19401323	CHR9:19401323	SSF x Near_LoA	-9,25308469	0,004	0,310
CHR9	19402625	CHR9:19402625	SSF x Near_LoA	-8,47758502	-0,104	0,306
CHR9	19402639	CHR9:19402639	SSF x Near_LoA	-10,3720676	0,077	0,304
CHR9	19402659	CHR9:19402659	SSF x Near_LoA	-8,36877365	-0,073	0,298
CHR9	19402670	CHR9:19402670	SSF x Near_LoA	-12,1121835	0,023	0,311
CHR9	19402680	CHR9:19402680	SSF x Near_LoA	-9,5972629	0,058	0,305
CHR9	19402689	CHR9:19402689	SSF x Near_LoA	-5,7561653	0,050	0,318
CHR9	19410491	CHR9:19410491	SSF x Near_LoA	-10,281833	0,013	0,317
CHR9	19413871	CHR9:19413871	SSF x Near_LoA	-9,82837606	0,023	0,308
CHR9	19413879	CHR9:19413879	SSF x Near_LoA	-9,39922404	0,037	0,307
CHR9	19413887	CHR9:19413887	SSF x Near_LoA	-8,67680614	0,078	0,314
CHR9	19418280	CHR9:19418280	SSF x Near_LoA	-3,86182673	-0,122	0,313
CHR9	19419551	CHR9:19419551	SSF x Near_LoA	-9,7664833	-0,017	0,299
CHR9	19419573	CHR9:19419573	SSF x Near_LoA	-10,8446674	-0,049	0,311
CHR9	19419672	CHR9:19419672	SSF x Near_LoA	-10,2665041	0,002	0,309

CHR9	19419676	CHR9:19419676	SSF x Near_LoA	-11,0305782	0,062	0,313
CHR9	19424980	CHR9:19424980	SSF x Near_LoA	-10,7034419	-0,117	0,307
CHR9	19425058	CHR9:19425058	SSF x Near_LoA	-9,51134849	-0,107	0,283
CHR9	19425330	CHR9:19425330	SSF x Near_LoA	6,17824498	0,164	0,302
CHR9	19434217	CHR9:19434217	SSF x Near_LoA	-8,82886954	0,080	0,306
CHR9	19434225	CHR9:19434225	SSF x Near_LoA	-9,12738128	0,053	0,308
CHR9	19434249	CHR9:19434249	SSF x Near_LoA	-9,11935313	-0,017	0,311
CHR9	19434257	CHR9:19434257	SSF x Near_LoA	-10,3420273	0,082	0,297
CHR9	19434325	CHR9:19434325	SSF x Near_LoA	-8,09214329	-0,125	0,311
CHR9	19440064	CHR9:19440064	SSF x Near_LoA	-8,65311934	0,027	0,311
CHR9	19440101	CHR9:19440101	SSF x Near_LoA	-7,89001267	0,085	0,310
CHR9	19440108	CHR9:19440108	SSF x Near_LoA	-8,22068878	0,039	0,319
CHR9	19440180	CHR9:19440180	SSF x Near_LoA	-7,01217461	-0,028	0,304
CHR9	19440321	CHR9:19440321	SSF x Near_LoA	-8,49301932	-0,114	0,328
CHR9	19440325	CHR9:19440325	SSF x Near_LoA	-9,69923615	0,031	0,311
CHR9	19440379	CHR9:19440379	SSF x Near_LoA	-6,73606845	-0,172	0,295
CHR9	19440383	CHR9:19440383	SSF x Near_LoA	-5,31250591	0,130	0,310
CHR9	19440465	CHR9:19440465	SSF x Near_LoA	-10,554111	0,040	0,303
CHR9	19440497	CHR9:19440497	SSF x Near_LoA	-9,02329343	-0,093	0,303
CHR9	19446843	CHR9:19446843	SSF x Near_LoA	-9,34921485	0,040	0,303
CHR9	19446852	CHR9:19446852	SSF x Near_LoA	-8,99266541	-0,068	0,294
CHR9	19446949	CHR9:19446949	SSF x Near_LoA	-7,86272866	0,030	0,315
CHR9	19446963	CHR9:19446963	SSF x Near_LoA	-12,3330143	-0,028	0,293
CHR9	19448972	CHR9:19448972	SSF x Near_LoA	-10,9881986	-0,057	0,314
CHR9	19449013	CHR9:19449013	SSF x Near_LoA	-8,45080321	0,067	0,304
CHR9	19449023	CHR9:19449023	SSF x Near_LoA	-8,5891213	0,123	0,301
CHR9	19449054	CHR9:19449054	SSF x Near_LoA	-10,7773845	0,019	0,301
CHR9	19457194	CHR9:19457194	SSF x Near_LoA	-11,5617847	-0,092	0,301
CHR9	19457251	CHR9:19457251	SSF x Near_LoA	-11,8561541	0,011	0,298
CHR9	19457282	CHR9:19457282	SSF x Near_LoA	-8,82665536	-0,011	0,301
CHR9	19457297	CHR9:19457297	SSF x Near_LoA	-7,83642879	0,056	0,318
CHR9	19458072	CHR9:19458072	SSF x Near_LoA	-8,40042689	-0,131	0,311
CHR9	19458089	CHR9:19458089	SSF x Near_LoA	-10,024108	-0,074	0,288
CHR9	19458117	CHR9:19458117	SSF x Near_LoA	-7,6975694	0,009	0,306
CHR9	19458145	CHR9:19458145	SSF x Near_LoA	-11,4169969	-0,048	0,309
CHR9	19458159	CHR9:19458159	SSF x Near_LoA	-6,35854361	-0,030	0,309
CHR9	19458177	CHR9:19458177	SSF x Near_LoA	-4,74937379	-0,043	0,299
CHR9	19458217	CHR9:19458217	SSF x Near_LoA	-5,01584832	-0,172	0,294
CHR9	19471329	CHR9:19471329	SSF x Near_LoA	-8,19309418	0,037	0,308
CHR9	19471399	CHR9:19471399	SSF x Near_LoA	-8,94919261	0,017	0,308
CHR9	19471415	CHR9:19471415	SSF x Near_LoA	-8,82473365	0,011	0,299
CHR9	19471469	CHR9:19471469	SSF x Near_LoA	-11,7121795	0,015	0,306
CHR9	19471505	CHR9:19471505	SSF x Near_LoA	-10,4179469	-0,029	0,311
CHR9	19471576	CHR9:19471576	SSF x Near_LoA	-11,8234099	-0,051	0,313
CHR9	19471600	CHR9:19471600	SSF x Near_LoA	-11,1448641	-0,024	0,316
CHR9	1947231	CHR9:1947231	SSF x Near_LoA	-8,7248608	0,088	0,309
CHR9	1947273	CHR9:1947273	SSF x Near_LoA	-11,9714383	0,027	0,307
CHR9	1947274	CHR9:1947274	SSF x Near_LoA	-10,3443522	0,060	0,307
CHR9	1947308	CHR9:1947308	SSF x Near_LoA	-9,33955695	-0,129	0,312
CHR9	1948213	CHR9:1948213	SSF x Near_LoA	-7,2919428	-0,040	0,305
CHR9	1948228	CHR9:1948228	SSF x Near_LoA	-9,3276236	-0,018	0,282
CHR9	19484021	CHR9:19484021	SSF x Near_LoA	-8,56326352	0,121	0,301
CHR9	19484028	CHR9:19484028	SSF x Near_LoA	-4,34554872	-0,029	0,301

CHR9	19484030	CHR9:19484030	SSF x Near_LoA	-10,4123506	0,004	0,312
CHR9	19484040	CHR9:19484040	SSF x Near_LoA	-9,76968209	0,132	0,285
CHR9	19484058	CHR9:19484058	SSF x Near_LoA	-8,55244867	0,017	0,298
CHR9	19484106	CHR9:19484106	SSF x Near_LoA	-10,7951607	-0,097	0,302
CHR9	19484116	CHR9:19484116	SSF x Near_LoA	-8,78509011	-0,026	0,306
CHR9	19484117	CHR9:19484117	SSF x Near_LoA	-8,60140573	0,064	0,318
CHR9	19484166	CHR9:19484166	SSF x Near_LoA	-7,65073368	0,053	0,306
CHR9	19484176	CHR9:19484176	SSF x Near_LoA	-10,3154434	0,127	0,289
CHR9	19484192	CHR9:19484192	SSF x Near_LoA	-1,76304322	0,016	0,297
CHR9	19484220	CHR9:19484220	SSF x Near_LoA	-8,68594331	0,132	0,286
CHR9	19489280	CHR9:19489280	SSF x Near_LoA	-8,67675946	0,016	0,313
CHR9	19489282	CHR9:19489282	SSF x Near_LoA	-9,15237354	-0,018	0,308
CHR9	19489407	CHR9:19489407	SSF x Near_LoA	-9,82415957	-0,057	0,313
CHR9	19489447	CHR9:19489447	SSF x Near_LoA	-9,3960847	-0,053	0,304
CHR9	19489451	CHR9:19489451	SSF x Near_LoA	-10,9674258	-0,058	0,312
CHR9	19489471	CHR9:19489471	SSF x Near_LoA	-10,6790961	-0,032	0,298
CHR9	19489513	CHR9:19489513	SSF x Near_LoA	-9,59095192	0,039	0,295
CHR9	19492911	CHR9:19492911	SSF x Near_LoA	-10,6907318	-0,012	0,304
CHR9	19492958	CHR9:19492958	SSF x Near_LoA	-9,23758411	0,019	0,306
CHR9	19493004	CHR9:19493004	SSF x Near_LoA	-4,53743556	-0,058	0,321
CHR9	19493014	CHR9:19493014	SSF x Near_LoA	-8,78658007	-0,047	0,309
CHR9	19493018	CHR9:19493018	SSF x Near_LoA	-8,91439909	0,057	0,311
CHR9	2E+07	CHR9:19513298	SSF x Near_LoA	-10,7116055	-0,033	0,320
CHR9	2E+07	CHR9:19513367	SSF x Near_LoA	-9,08071425	-0,039	0,291
CHR9	2E+07	CHR9:19513424	SSF x Near_LoA	-6,38882372	0,084	0,307
CHR9	2E+07	CHR9:19544208	SSF x Near_LoA	-8,12899211	0,012	0,308
CHR9	2E+07	CHR9:19544222	SSF x Near_LoA	-8,63229178	0,090	0,309
CHR9	2E+07	CHR9:19544285	SSF x Near_LoA	-9,42033684	-0,044	0,305
CHR9	2E+07	CHR9:19544312	SSF x Near_LoA	-7,32383199	-0,098	0,315
CHR9	2E+07	CHR9:19551324	SSF x Near_LoA	-6,57259448	0,069	0,319
CHR9	2E+07	CHR9:19551383	SSF x Near_LoA	-8,04504265	0,128	0,306
CHR9	2E+07	CHR9:19551391	SSF x Near_LoA	-9,76992001	0,059	0,301
CHR9	1955193	CHR9:1955193	SSF x Near_LoA	-9,24823403	-0,081	0,312
CHR9	1955203	CHR9:1955203	SSF x Near_LoA	-9,91466221	-0,016	0,311
CHR9	1955223	CHR9:1955223	SSF x Near_LoA	-9,0913947	0,075	0,320
CHR9	1955264	CHR9:1955264	SSF x Near_LoA	-11,7628939	0,058	0,307
CHR9	1955286	CHR9:1955286	SSF x Near_LoA	-10,4958915	-0,019	0,313
CHR9	1955342	CHR9:1955342	SSF x Near_LoA	-9,12114132	-0,060	0,313
CHR9	2E+07	CHR9:19554472	SSF x Near_LoA	-8,50315993	0,076	0,315
CHR9	2E+07	CHR9:19554593	SSF x Near_LoA	-5,20998905	0,010	0,310
CHR9	2E+07	CHR9:19558611	SSF x Near_LoA	-11,6342756	0,056	0,314
CHR9	2E+07	CHR9:19563873	SSF x Near_LoA	-5,39812997	0,070	0,309
CHR9	2E+07	CHR9:19563988	SSF x Near_LoA	-9,48925982	-0,079	0,314
CHR9	2E+07	CHR9:19563989	SSF x Near_LoA	-8,19354265	-0,048	0,319
CHR9	2E+07	CHR9:19563990	SSF x Near_LoA	-7,5934309	0,161	0,301
CHR9	2E+07	CHR9:19564206	SSF x Near_LoA	-4,95796708	-0,068	0,305
CHR9	2E+07	CHR9:19568193	SSF x Near_LoA	-7,71588803	-0,024	0,326
CHR9	2E+07	CHR9:19568263	SSF x Near_LoA	-7,42628931	-0,102	0,297
CHR9	2E+07	CHR9:19574566	SSF x Near_LoA	-10,025751	0,094	0,297
CHR9	2E+07	CHR9:19575615	SSF x Near_LoA	-8,96340695	0,024	0,298
CHR9	2E+07	CHR9:19575627	SSF x Near_LoA	-6,52930929	0,171	0,311
CHR9	2E+07	CHR9:19580983	SSF x Near_LoA	-4,10048821	-0,039	0,305
CHR9	2E+07	CHR9:19580989	SSF x Near_LoA	-5,71128145	-0,067	0,304

CHR9	2E+07	CHR9:19580991	SSF x Near_LoA	-9,08697083	-0,055	0,312
CHR9	2E+07	CHR9:19581001	SSF x Near_LoA	-7,8060201	0,100	0,321
CHR9	2E+07	CHR9:19581004	SSF x Near_LoA	-6,4826815	0,102	0,300
CHR9	2E+07	CHR9:19581007	SSF x Near_LoA	-9,24099355	0,108	0,305
CHR9	2E+07	CHR9:19581008	SSF x Near_LoA	-9,65320941	0,106	0,297
CHR9	2E+07	CHR9:19581018	SSF x Near_LoA	-8,26558431	0,022	0,312
CHR9	2E+07	CHR9:19592286	SSF x Near_LoA	-8,57069928	-0,049	0,305
CHR9	2E+07	CHR9:19592347	SSF x Near_LoA	-9,83087928	-0,011	0,299
CHR9	1961173	CHR9:1961173	SSF x Near_LoA	-8,41340346	-0,090	0,312
CHR9	1961242	CHR9:1961242	SSF x Near_LoA	-8,36260319	-0,070	0,296
CHR9	1961297	CHR9:1961297	SSF x Near_LoA	-8,23352379	0,047	0,325
CHR9	1961306	CHR9:1961306	SSF x Near_LoA	-10,5043245	0,052	0,292
CHR9	1961414	CHR9:1961414	SSF x Near_LoA	-11,8663813	0,007	0,306
CHR9	2E+07	CHR9:19616705	SSF x Near_LoA	-10,7492429	0,037	0,304
CHR9	2E+07	CHR9:19616833	SSF x Near_LoA	-9,59162965	-0,100	0,313
CHR9	2E+07	CHR9:19617094	SSF x Near_LoA	-6,24139063	0,004	0,305
CHR9	2E+07	CHR9:19620982	SSF x Near_LoA	-8,36262898	-0,078	0,310
CHR9	2E+07	CHR9:19621050	SSF x Near_LoA	-7,88597298	0,131	0,302
CHR9	2E+07	CHR9:19621067	SSF x Near_LoA	-10,2756923	-0,035	0,294
CHR9	2E+07	CHR9:19621068	SSF x Near_LoA	-6,81246291	0,002	0,301
CHR9	2E+07	CHR9:19621093	SSF x Near_LoA	-9,6191902	0,039	0,317
CHR9	2E+07	CHR9:19621376	SSF x Near_LoA	-10,0324303	-0,079	0,316
CHR9	2E+07	CHR9:19621413	SSF x Near_LoA	-8,9687897	0,102	0,305
CHR9	2E+07	CHR9:19646780	SSF x Near_LoA	-8,04214458	-0,101	0,298
CHR9	2E+07	CHR9:19646792	SSF x Near_LoA	-7,51971873	-0,128	0,293
CHR9	2E+07	CHR9:19646810	SSF x Near_LoA	-5,66549997	-0,092	0,307
CHR9	2E+07	CHR9:19646861	SSF x Near_LoA	-7,5723969	-0,120	0,317
CHR9	2E+07	CHR9:19646923	SSF x Near_LoA	-10,8930978	0,010	0,318
CHR9	2E+07	CHR9:19646958	SSF x Near_LoA	-10,4608342	0,027	0,312
CHR9	2E+07	CHR9:19647019	SSF x Near_LoA	-10,1243021	0,020	0,318
CHR9	2E+07	CHR9:19650860	SSF x Near_LoA	-8,54672344	-0,087	0,297
CHR9	2E+07	CHR9:19650894	SSF x Near_LoA	-6,81250157	-0,113	0,318
CHR9	2E+07	CHR9:19650942	SSF x Near_LoA	-9,34242033	0,092	0,309
CHR9	2E+07	CHR9:19655896	SSF x Near_LoA	-10,8184531	0,078	0,311
CHR9	2E+07	CHR9:19655945	SSF x Near_LoA	-10,9489525	0,007	0,311
CHR9	2E+07	CHR9:19655988	SSF x Near_LoA	-7,74292709	0,039	0,311
CHR9	2E+07	CHR9:19655995	SSF x Near_LoA	-9,7122853	-0,024	0,301
CHR9	2E+07	CHR9:19656031	SSF x Near_LoA	-6,37624607	0,038	0,314
CHR9	2E+07	CHR9:19658162	SSF x Near_LoA	-8,91349603	-0,031	0,312
CHR9	2E+07	CHR9:19659577	SSF x Near_LoA	-9,33220545	-0,134	0,311
CHR9	2E+07	CHR9:19659608	SSF x Near_LoA	-8,63049092	-0,042	0,306
CHR9	2E+07	CHR9:19659877	SSF x Near_LoA	-10,289075	-0,078	0,312
CHR9	2E+07	CHR9:19659880	SSF x Near_LoA	-8,48946482	-0,025	0,307
CHR9	2E+07	CHR9:19659883	SSF x Near_LoA	-9,55055802	-0,016	0,281
CHR9	1966310	CHR9:1966310	SSF x Near_LoA	-10,5490759	-0,052	0,307
CHR9	2E+07	CHR9:19671886	SSF x Near_LoA	-9,52735125	-0,001	0,311
CHR9	2E+07	CHR9:19671888	SSF x Near_LoA	-10,2221933	-0,019	0,307
CHR9	2E+07	CHR9:19671901	SSF x Near_LoA	-8,88513658	-0,025	0,320
CHR9	2E+07	CHR9:19671923	SSF x Near_LoA	-9,45840423	0,021	0,307
CHR9	2E+07	CHR9:19671931	SSF x Near_LoA	-6,73210573	0,179	0,297
CHR9	2E+07	CHR9:19671953	SSF x Near_LoA	-11,2210818	-0,026	0,313
CHR9	2E+07	CHR9:19671977	SSF x Near_LoA	2,45852395	-0,104	0,310
CHR9	2E+07	CHR9:19675443	SSF x Near_LoA	-10,3056149	-0,010	0,305

CHR9	2E+07	CHR9:19681121	SSF x Near_LoA	-9,6494542	-0,032	0,309
CHR9	2E+07	CHR9:19681137	SSF x Near_LoA	-8,14142237	0,021	0,307
CHR9	2E+07	CHR9:19681144	SSF x Near_LoA	-9,60981215	0,037	0,285
CHR9	2E+07	CHR9:19681227	SSF x Near_LoA	-8,38794026	0,077	0,301
CHR9	2E+07	CHR9:19684007	SSF x Near_LoA	-5,95155768	0,185	0,313
CHR9	2E+07	CHR9:19686063	SSF x Near_LoA	-9,89162066	0,065	0,296
CHR9	2E+07	CHR9:19686115	SSF x Near_LoA	-8,59753338	-0,043	0,305
CHR9	2E+07	CHR9:19686141	SSF x Near_LoA	-10,2148162	-0,072	0,295
CHR9	2E+07	CHR9:19686161	SSF x Near_LoA	-9,32648217	0,047	0,295
CHR9	2E+07	CHR9:19686206	SSF x Near_LoA	-8,79247529	0,027	0,314
CHR9	2E+07	CHR9:19686217	SSF x Near_LoA	-9,32098544	0,008	0,316
CHR9	2E+07	CHR9:19686231	SSF x Near_LoA	-10,3106907	0,040	0,304
CHR9	2E+07	CHR9:19686243	SSF x Near_LoA	-9,10530593	-0,009	0,292
CHR9	2E+07	CHR9:19686244	SSF x Near_LoA	-7,93230244	-0,045	0,313
CHR9	2E+07	CHR9:19686246	SSF x Near_LoA	-1,9605296	0,039	0,310
CHR9	2E+07	CHR9:19686259	SSF x Near_LoA	-12,278057	-0,079	0,297
CHR9	2E+07	CHR9:19686263	SSF x Near_LoA	-9,30857305	0,010	0,312
CHR9	2E+07	CHR9:19689754	SSF x Near_LoA	-9,14975251	-0,076	0,298
CHR9	2E+07	CHR9:19690597	SSF x Near_LoA	-8,70492054	-0,037	0,309
CHR9	2E+07	CHR9:19690612	SSF x Near_LoA	-6,50335083	0,011	0,308
CHR9	2E+07	CHR9:19703781	SSF x Near_LoA	-12,3063524	-0,047	0,308
CHR9	2E+07	CHR9:19703842	SSF x Near_LoA	-8,17740574	-0,038	0,315
CHR9	2E+07	CHR9:19704020	SSF x Near_LoA	-9,49776205	-0,016	0,309
CHR9	2E+07	CHR9:19707266	SSF x Near_LoA	-9,28029256	0,038	0,301
CHR9	2E+07	CHR9:19707271	SSF x Near_LoA	-7,95071154	0,027	0,321
CHR9	2E+07	CHR9:19707494	SSF x Near_LoA	-10,9593083	0,084	0,313
CHR9	2E+07	CHR9:19707530	SSF x Near_LoA	-6,45200695	0,103	0,308
CHR9	2E+07	CHR9:19707573	SSF x Near_LoA	-11,7008062	0,115	0,308
CHR9	2E+07	CHR9:19710886	SSF x Near_LoA	-11,2615322	-0,022	0,299
CHR9	2E+07	CHR9:19712943	SSF x Near_LoA	-12,0858098	0,033	0,314
CHR9	2E+07	CHR9:19713014	SSF x Near_LoA	-7,40123675	-0,105	0,299
CHR9	2E+07	CHR9:19713084	SSF x Near_LoA	-9,64420595	0,063	0,297
CHR9	2E+07	CHR9:19713112	SSF x Near_LoA	-8,93496228	-0,022	0,307
CHR9	2E+07	CHR9:19718130	SSF x Near_LoA	-9,48911941	0,028	0,308
CHR9	2E+07	CHR9:19718180	SSF x Near_LoA	-9,4170658	0,101	0,311
CHR9	2E+07	CHR9:19718212	SSF x Near_LoA	-10,3931067	0,020	0,308
CHR9	2E+07	CHR9:19718233	SSF x Near_LoA	-9,01257381	0,035	0,312
CHR9	2E+07	CHR9:19718286	SSF x Near_LoA	-7,28353718	0,002	0,312
CHR9	2E+07	CHR9:19718304	SSF x Near_LoA	-9,14572301	-0,017	0,311
CHR9	2E+07	CHR9:19718329	SSF x Near_LoA	-8,78809559	0,043	0,311
CHR9	2E+07	CHR9:19718345	SSF x Near_LoA	-9,18860076	-0,019	0,302
CHR9	2E+07	CHR9:19718377	SSF x Near_LoA	-9,4873011	0,029	0,312
CHR9	2E+07	CHR9:19727932	SSF x Near_LoA	-8,99178811	0,049	0,305
CHR9	2E+07	CHR9:19727944	SSF x Near_LoA	-9,91693816	0,032	0,312
CHR9	2E+07	CHR9:19733407	SSF x Near_LoA	-9,32657794	0,050	0,328
CHR9	2E+07	CHR9:19733552	SSF x Near_LoA	-8,30531315	-0,056	0,309
CHR9	2E+07	CHR9:19739132	SSF x Near_LoA	-10,7301	0,030	0,301
CHR9	2E+07	CHR9:19739136	SSF x Near_LoA	-9,98584337	0,061	0,309
CHR9	2E+07	CHR9:19745479	SSF x Near_LoA	-10,2346559	0,062	0,294
CHR9	2E+07	CHR9:19745601	SSF x Near_LoA	-10,4508845	-0,018	0,317
CHR9	2E+07	CHR9:19746723	SSF x Near_LoA	-8,53106693	0,067	0,287
CHR9	2E+07	CHR9:19746780	SSF x Near_LoA	-11,0612577	-0,054	0,303
CHR9	2E+07	CHR9:19756913	SSF x Near_LoA	-8,72206769	0,074	0,314

CHR9	2E+07	CHR9:19756915	SSF x Near_LoA	-11,1238641	0,049	0,302
CHR9	2E+07	CHR9:19756921	SSF x Near_LoA	-9,66341677	0,116	0,311
CHR9	2E+07	CHR9:19756924	SSF x Near_LoA	-9,71034609	0,131	0,307
CHR9	2E+07	CHR9:19756952	SSF x Near_LoA	-9,17670287	0,011	0,314
CHR9	2E+07	CHR9:19757009	SSF x Near_LoA	-8,42674757	0,033	0,301
CHR9	2E+07	CHR9:19757032	SSF x Near_LoA	-7,28846584	-0,169	0,301
CHR9	2E+07	CHR9:19757069	SSF x Near_LoA	-10,8300159	0,067	0,305
CHR9	2E+07	CHR9:19757077	SSF x Near_LoA	-7,77260386	-0,131	0,306
CHR9	2E+07	CHR9:19757119	SSF x Near_LoA	-8,54903497	0,016	0,320
CHR9	2E+07	CHR9:19757123	SSF x Near_LoA	-8,81718505	0,085	0,300
CHR9	2E+07	CHR9:19757160	SSF x Near_LoA	-8,82264204	0,000	0,314
CHR9	2E+07	CHR9:19764004	SSF x Near_LoA	-9,71554361	0,060	0,308
CHR9	2E+07	CHR9:19764020	SSF x Near_LoA	-10,3439206	-0,005	0,305
CHR9	2E+07	CHR9:19764044	SSF x Near_LoA	-10,1403536	0,016	0,301
CHR9	2E+07	CHR9:19769664	SSF x Near_LoA	-9,13444026	0,090	0,299
CHR9	2E+07	CHR9:19770050	SSF x Near_LoA	-5,77391624	0,008	0,303
CHR9	2E+07	CHR9:19778249	SSF x Near_LoA	-10,7539615	0,007	0,306
CHR9	2E+07	CHR9:19778257	SSF x Near_LoA	-6,43774989	-0,096	0,315
CHR9	2E+07	CHR9:19778259	SSF x Near_LoA	-9,14830988	-0,036	0,315
CHR9	2E+07	CHR9:19778285	SSF x Near_LoA	-8,16287947	0,046	0,312
CHR9	2E+07	CHR9:19778347	SSF x Near_LoA	-9,0592215	0,044	0,328
CHR9	2E+07	CHR9:19778354	SSF x Near_LoA	-8,9312727	-0,013	0,310
CHR9	2E+07	CHR9:19778370	SSF x Near_LoA	-10,2435842	0,027	0,286
CHR9	2E+07	CHR9:19780425	SSF x Near_LoA	-7,48619335	-0,027	0,309
CHR9	2E+07	CHR9:19780451	SSF x Near_LoA	-10,2161438	0,078	0,316
CHR9	2E+07	CHR9:19780466	SSF x Near_LoA	-7,92411179	-0,093	0,306
CHR9	2E+07	CHR9:19780490	SSF x Near_LoA	-9,2810495	0,046	0,317
CHR9	2E+07	CHR9:19780493	SSF x Near_LoA	-12,4552548	0,006	0,304
CHR9	2E+07	CHR9:19780528	SSF x Near_LoA	-11,1282811	0,006	0,293
CHR9	2E+07	CHR9:19780537	SSF x Near_LoA	-10,4266028	0,042	0,305
CHR9	2E+07	CHR9:19780590	SSF x Near_LoA	-10,3095627	-0,006	0,301
CHR9	1978446	CHR9:1978446	SSF x Near_LoA	-10,1493519	0,030	0,315
CHR9	1978699	CHR9:1978699	SSF x Near_LoA	-8,56388051	0,030	0,317
CHR9	2E+07	CHR9:19798021	SSF x Near_LoA	-11,5221305	-0,025	0,301
CHR9	2E+07	CHR9:19826241	SSF x Near_LoA	-11,6405852	0,024	0,303
CHR9	2E+07	CHR9:19843108	SSF x Near_LoA	-10,0930043	0,004	0,311
CHR9	2E+07	CHR9:19843122	SSF x Near_LoA	0,48726815	-0,062	0,311
CHR9	2E+07	CHR9:19848322	SSF x Near_LoA	-8,289893	0,111	0,307
CHR9	2E+07	CHR9:19848342	SSF x Near_LoA	-8,99924656	-0,095	0,309
CHR9	2E+07	CHR9:19848971	SSF x Near_LoA	-9,91083984	0,013	0,299
CHR9	2E+07	CHR9:19848983	SSF x Near_LoA	-10,1875943	0,084	0,315
CHR9	2E+07	CHR9:19848997	SSF x Near_LoA	-7,37789745	0,087	0,307
CHR9	2E+07	CHR9:19849039	SSF x Near_LoA	-10,3090668	-0,005	0,314
CHR9	2E+07	CHR9:19853811	SSF x Near_LoA	-9,24779719	0,008	0,302
CHR9	2E+07	CHR9:19858583	SSF x Near_LoA	-11,1192654	0,032	0,316
CHR9	2E+07	CHR9:19858770	SSF x Near_LoA	-9,76994484	-0,046	0,304
CHR9	1987761	CHR9:1987761	SSF x Near_LoA	-9,79348348	0,028	0,333
CHR9	1987781	CHR9:1987781	SSF x Near_LoA	-10,2479217	0,002	0,303
CHR9	1987786	CHR9:1987786	SSF x Near_LoA	-11,3896663	0,029	0,302
CHR9	1987812	CHR9:1987812	SSF x Near_LoA	-9,17436218	-0,034	0,315
CHR9	1987819	CHR9:1987819	SSF x Near_LoA	-8,78168075	0,076	0,313
CHR9	1987822	CHR9:1987822	SSF x Near_LoA	-10,3523317	-0,054	0,317
CHR9	1987893	CHR9:1987893	SSF x Near_LoA	-11,1246691	-0,008	0,314

CHR9	1987895	CHR9:1987895	SSF x Near_LoA	-6,01343801	0,054	0,289
CHR9	1988018	CHR9:1988018	SSF x Near_LoA	-2,11440513	0,148	0,309
CHR9	2E+07	CHR9:19885678	SSF x Near_LoA	-5,5119788	-0,107	0,296
CHR9	2E+07	CHR9:19885687	SSF x Near_LoA	-7,2619798	-0,105	0,307
CHR9	2E+07	CHR9:19885704	SSF x Near_LoA	-8,76013191	-0,098	0,301
CHR9	2E+07	CHR9:19885729	SSF x Near_LoA	-8,37041564	0,006	0,303
CHR9	2E+07	CHR9:19885741	SSF x Near_LoA	-8,21842046	0,173	0,307
CHR9	2E+07	CHR9:19889088	SSF x Near_LoA	-10,6763725	0,053	0,317
CHR9	2E+07	CHR9:19893132	SSF x Near_LoA	-12,0131181	-0,001	0,314
CHR9	2E+07	CHR9:19899613	SSF x Near_LoA	-10,2825159	-0,061	0,311
CHR9	2E+07	CHR9:19899634	SSF x Near_LoA	-10,752335	-0,098	0,309
CHR9	2E+07	CHR9:19899642	SSF x Near_LoA	-9,26497754	0,048	0,307
CHR9	2E+07	CHR9:19905210	SSF x Near_LoA	-10,7042457	0,033	0,310
CHR9	2E+07	CHR9:19905284	SSF x Near_LoA	-7,36733899	-0,036	0,305
CHR9	2E+07	CHR9:19905290	SSF x Near_LoA	-4,56719301	0,029	0,300
CHR9	2E+07	CHR9:19906061	SSF x Near_LoA	-7,59394052	-0,143	0,324
CHR9	2E+07	CHR9:19917229	SSF x Near_LoA	-9,37258552	-0,171	0,303
CHR9	2E+07	CHR9:19930437	SSF x Near_LoA	-9,87914742	-0,024	0,307
CHR9	1993127	CHR9:1993127	SSF x Near_LoA	-7,67213597	0,033	0,318
CHR9	1993134	CHR9:1993134	SSF x Near_LoA	-11,0062479	-0,085	0,298
CHR9	1993145	CHR9:1993145	SSF x Near_LoA	-10,6229952	0,056	0,303
CHR9	1993193	CHR9:1993193	SSF x Near_LoA	-9,65935232	0,111	0,302
CHR9	1993223	CHR9:1993223	SSF x Near_LoA	-6,50418001	-0,146	0,292
CHR9	2E+07	CHR9:19934686	SSF x Near_LoA	-5,18775275	-0,176	0,310
CHR9	2E+07	CHR9:19938469	SSF x Near_LoA	-6,15917229	0,110	0,301
CHR9	2E+07	CHR9:19938471	SSF x Near_LoA	-5,06060266	0,068	0,310
CHR9	2E+07	CHR9:19940124	SSF x Near_LoA	-9,7397072	0,123	0,308
CHR9	2E+07	CHR9:19940231	SSF x Near_LoA	-10,5811244	0,005	0,317
CHR9	2E+07	CHR9:19940233	SSF x Near_LoA	-9,34549604	0,050	0,291
CHR9	2E+07	CHR9:19940244	SSF x Near_LoA	-11,0285167	0,005	0,311
CHR9	2E+07	CHR9:19946686	SSF x Near_LoA	-8,11714135	-0,046	0,309
CHR9	2E+07	CHR9:19946689	SSF x Near_LoA	-3,6851455	0,119	0,303
CHR9	2E+07	CHR9:19946712	SSF x Near_LoA	-9,03874348	-0,063	0,300
CHR9	2E+07	CHR9:19946771	SSF x Near_LoA	-10,8887952	-0,028	0,314
CHR9	2E+07	CHR9:19946816	SSF x Near_LoA	-9,74032277	0,028	0,294
CHR9	2E+07	CHR9:19946828	SSF x Near_LoA	-9,54492477	0,035	0,300
CHR9	2E+07	CHR9:19946842	SSF x Near_LoA	-11,5212042	0,021	0,299
CHR9	2E+07	CHR9:19949435	SSF x Near_LoA	-10,0548325	-0,033	0,321
CHR9	2E+07	CHR9:19949440	SSF x Near_LoA	-8,54060585	-0,048	0,317
CHR9	2E+07	CHR9:19949442	SSF x Near_LoA	-7,8646713	-0,073	0,304
CHR9	2E+07	CHR9:19949461	SSF x Near_LoA	-10,8043917	-0,008	0,307
CHR9	2E+07	CHR9:19949473	SSF x Near_LoA	-9,14839186	0,043	0,302
CHR9	2E+07	CHR9:19949500	SSF x Near_LoA	-9,79161518	-0,102	0,312
CHR9	2E+07	CHR9:19949504	SSF x Near_LoA	-9,96097217	-0,095	0,305
CHR9	2E+07	CHR9:19953881	SSF x Near_LoA	-9,76902628	0,071	0,303
CHR9	2E+07	CHR9:19956670	SSF x Near_LoA	-9,67270715	0,019	0,312
CHR9	2E+07	CHR9:19956678	SSF x Near_LoA	-9,6524158	0,081	0,308
CHR9	2E+07	CHR9:19956723	SSF x Near_LoA	-8,50788139	0,044	0,311
CHR9	2E+07	CHR9:19964904	SSF x Near_LoA	-11,6266891	-0,059	0,298
CHR9	2E+07	CHR9:19970310	SSF x Near_LoA	-2,93608057	0,096	0,324
CHR9	2E+07	CHR9:19970320	SSF x Near_LoA	-8,84904136	-0,077	0,303
CHR9	2E+07	CHR9:19970330	SSF x Near_LoA	-10,4453978	-0,102	0,300
CHR9	2E+07	CHR9:19970524	SSF x Near_LoA	-9,52893855	-0,039	0,303

CHR9	1997501	CHR9:1997501	SSF x Near_LoA	-11,0494293	-0,023	0,316
CHR9	1997533	CHR9:1997533	SSF x Near_LoA	-7,77974626	-0,112	0,314
CHR9	1997631	CHR9:1997631	SSF x Near_LoA	-11,3229654	-0,002	0,305
CHR9	2E+07	CHR9:19978041	SSF x Near_LoA	-8,60801171	-0,125	0,309
CHR9	2E+07	CHR9:19978365	SSF x Near_LoA	-8,68245122	-0,059	0,307
CHR9	2E+07	CHR9:19978368	SSF x Near_LoA	-9,8104942	0,028	0,313
CHR9	2E+07	CHR9:19978383	SSF x Near_LoA	-8,66748382	0,164	0,304
CHR9	2E+07	CHR9:19978396	SSF x Near_LoA	-11,2152397	0,041	0,299
CHR9	2E+07	CHR9:19978416	SSF x Near_LoA	-8,42082288	-0,041	0,313
CHR9	2E+07	CHR9:19996934	SSF x Near_LoA	-10,5838879	0,075	0,290
CHR9	2E+07	CHR9:19996977	SSF x Near_LoA	-11,1103527	0,006	0,304
CHR9	2E+07	CHR9:19996997	SSF x Near_LoA	-7,24956512	0,001	0,309
CHR9	2E+07	CHR9:19997074	SSF x Near_LoA	-10,0770031	-0,151	0,308
CHR9	2E+07	CHR9:19997187	SSF x Near_LoA	-10,6707506	-0,115	0,305
CHR9	2E+07	CHR9:19997204	SSF x Near_LoA	-7,49613812	-0,067	0,298
CHR9	2E+07	CHR9:19997223	SSF x Near_LoA	-11,0085298	-0,131	0,306
CHR9	2E+07	CHR9:20001682	SSF x Near_LoA	-9,03269033	-0,041	0,303
CHR9	2E+07	CHR9:20001822	SSF x Near_LoA	-10,1391985	-0,075	0,299
CHR9	2E+07	CHR9:20001927	SSF x Near_LoA	-8,88682388	-0,070	0,308
CHR9	2E+07	CHR9:20002913	SSF x Near_LoA	-6,30908472	0,102	0,307
CHR9	2E+07	CHR9:20002929	SSF x Near_LoA	-6,0499809	-0,119	0,322
CHR9	2E+07	CHR9:20003025	SSF x Near_LoA	-8,05998453	0,035	0,314
CHR9	2E+07	CHR9:20015591	SSF x Near_LoA	-9,31349587	0,044	0,324
CHR9	2E+07	CHR9:20015637	SSF x Near_LoA	-9,74055387	0,040	0,320
CHR9	2E+07	CHR9:20015652	SSF x Near_LoA	-8,61514592	0,078	0,306
CHR9	2E+07	CHR9:20015668	SSF x Near_LoA	-8,84713146	0,097	0,302
CHR9	2E+07	CHR9:20015746	SSF x Near_LoA	-11,1306242	-0,054	0,295
CHR9	2E+07	CHR9:20015748	SSF x Near_LoA	-9,70696817	0,013	0,313
CHR9	2E+07	CHR9:20015801	SSF x Near_LoA	-10,8489751	-0,156	0,304
CHR9	2E+07	CHR9:20018641	SSF x Near_LoA	-10,311691	0,029	0,321
CHR9	2E+07	CHR9:20018650	SSF x Near_LoA	-10,3829428	-0,067	0,304
CHR9	2E+07	CHR9:20018666	SSF x Near_LoA	-9,98647631	0,008	0,294
CHR9	2002137	CHR9:2002137	SSF x Near_LoA	-7,17071276	0,180	0,295
CHR9	2002420	CHR9:2002420	SSF x Near_LoA	-10,6472546	-0,005	0,307
CHR9	2002449	CHR9:2002449	SSF x Near_LoA	-8,25177294	-0,007	0,303
CHR9	2E+07	CHR9:20028516	SSF x Near_LoA	-9,78506366	0,051	0,305
CHR9	2E+07	CHR9:20028692	SSF x Near_LoA	-9,3877882	0,022	0,320
CHR9	2003832	CHR9:2003832	SSF x Near_LoA	-10,4337874	0,029	0,306
CHR9	2003889	CHR9:2003889	SSF x Near_LoA	-8,61271871	0,071	0,308
CHR9	2003920	CHR9:2003920	SSF x Near_LoA	-9,89388693	-0,092	0,309
CHR9	2003956	CHR9:2003956	SSF x Near_LoA	-7,64074869	0,055	0,332
CHR9	2E+07	CHR9:20041620	SSF x Near_LoA	-9,03873209	-0,035	0,305
CHR9	2E+07	CHR9:20041711	SSF x Near_LoA	-12,1635878	0,008	0,302
CHR9	2E+07	CHR9:20041718	SSF x Near_LoA	-8,91248623	-0,067	0,306
CHR9	2E+07	CHR9:20045436	SSF x Near_LoA	-9,56444562	0,102	0,314
CHR9	2E+07	CHR9:20045525	SSF x Near_LoA	-8,76700342	-0,091	0,301
CHR9	2E+07	CHR9:20045560	SSF x Near_LoA	-8,3365762	0,113	0,315
CHR9	2E+07	CHR9:20051320	SSF x Near_LoA	-10,1007464	-0,049	0,292
CHR9	2E+07	CHR9:20051487	SSF x Near_LoA	-8,73507029	-0,028	0,321
CHR9	2E+07	CHR9:20051627	SSF x Near_LoA	-8,74495578	0,039	0,303
CHR9	2E+07	CHR9:20058503	SSF x Near_LoA	-9,27793728	0,113	0,302
CHR9	2E+07	CHR9:20058506	SSF x Near_LoA	-9,80449171	-0,024	0,306
CHR9	2E+07	CHR9:20058562	SSF x Near_LoA	-8,71296446	-0,102	0,301

CHR9	2E+07	CHR9:20072027	SSF x Near_LoA	-10,6606197	0,034	0,302
CHR9	2E+07	CHR9:20072072	SSF x Near_LoA	-9,94257888	0,034	0,307
CHR9	2E+07	CHR9:20072192	SSF x Near_LoA	-3,6514684	-0,077	0,315
CHR9	2E+07	CHR9:20072205	SSF x Near_LoA	-7,56043958	0,120	0,312
CHR9	2E+07	CHR9:20072216	SSF x Near_LoA	-11,0328496	-0,005	0,313
CHR9	2E+07	CHR9:20077799	SSF x Near_LoA	-8,36907943	0,101	0,301
CHR9	2E+07	CHR9:20077800	SSF x Near_LoA	-11,5080737	-0,060	0,326
CHR9	2E+07	CHR9:20077817	SSF x Near_LoA	-11,5132432	0,049	0,310
CHR9	2E+07	CHR9:20077821	SSF x Near_LoA	-10,626866	-0,032	0,301
CHR9	2E+07	CHR9:20077864	SSF x Near_LoA	-11,2161094	-0,009	0,295
CHR9	2E+07	CHR9:20078021	SSF x Near_LoA	-8,3393867	-0,125	0,307
CHR9	2008188	CHR9:2008188	SSF x Near_LoA	-8,41463312	0,115	0,304
CHR9	2008233	CHR9:2008233	SSF x Near_LoA	-7,20539321	-0,019	0,316
CHR9	2008283	CHR9:2008283	SSF x Near_LoA	-8,85733868	0,001	0,314
CHR9	2008389	CHR9:2008389	SSF x Near_LoA	-11,86465	-0,004	0,301
CHR9	2008390	CHR9:2008390	SSF x Near_LoA	-11,2868312	-0,051	0,303
CHR9	2008393	CHR9:2008393	SSF x Near_LoA	-7,73261931	-0,053	0,315
CHR9	2008422	CHR9:2008422	SSF x Near_LoA	-4,66408542	0,038	0,303
CHR9	2008423	CHR9:2008423	SSF x Near_LoA	-8,08071106	0,030	0,314
CHR9	2E+07	CHR9:20086929	SSF x Near_LoA	-10,5463825	-0,101	0,315
CHR9	2010017	CHR9:2010017	SSF x Near_LoA	-9,86638174	0,002	0,296
CHR9	2E+07	CHR9:20107070	SSF x Near_LoA	-8,87234438	-0,065	0,314
CHR9	2E+07	CHR9:20107076	SSF x Near_LoA	-8,26515719	0,094	0,299
CHR9	2E+07	CHR9:20107140	SSF x Near_LoA	-12,3557103	-0,008	0,303
CHR9	2E+07	CHR9:20107179	SSF x Near_LoA	-11,4827704	0,022	0,310
CHR9	2E+07	CHR9:20107184	SSF x Near_LoA	-8,09759264	-0,003	0,316
CHR9	2E+07	CHR9:20107285	SSF x Near_LoA	-9,73047845	0,026	0,326
CHR9	2E+07	CHR9:20109761	SSF x Near_LoA	-8,8111416	0,018	0,308
CHR9	2E+07	CHR9:20109790	SSF x Near_LoA	-8,7743012	-0,003	0,310
CHR9	2E+07	CHR9:20109796	SSF x Near_LoA	-10,8840646	-0,022	0,318
CHR9	2E+07	CHR9:20109852	SSF x Near_LoA	-10,1132487	-0,118	0,296
CHR9	2E+07	CHR9:20110705	SSF x Near_LoA	-9,21270705	-0,054	0,307
CHR9	2E+07	CHR9:20110739	SSF x Near_LoA	-9,94428762	-0,005	0,312
CHR9	2E+07	CHR9:20110815	SSF x Near_LoA	-5,93415345	-0,177	0,299
CHR9	2E+07	CHR9:20110819	SSF x Near_LoA	8,36998913	-0,169	0,300
CHR9	2E+07	CHR9:20110842	SSF x Near_LoA	-8,18562475	0,015	0,307
CHR9	2E+07	CHR9:20110848	SSF x Near_LoA	-8,72369016	0,016	0,296
CHR9	2E+07	CHR9:20110857	SSF x Near_LoA	-11,4612271	-0,032	0,308
CHR9	2E+07	CHR9:20118415	SSF x Near_LoA	-8,1024503	-0,019	0,312
CHR9	2E+07	CHR9:20118458	SSF x Near_LoA	-11,8008408	0,074	0,302
CHR9	2E+07	CHR9:20120385	SSF x Near_LoA	-6,45175172	-0,051	0,302
CHR9	2E+07	CHR9:20120418	SSF x Near_LoA	-7,81771708	0,110	0,308
CHR9	2E+07	CHR9:20120457	SSF x Near_LoA	-9,00630944	0,077	0,292
CHR9	2E+07	CHR9:20124189	SSF x Near_LoA	-8,91868981	-0,133	0,289
CHR9	2E+07	CHR9:20124247	SSF x Near_LoA	-10,0004958	0,104	0,301
CHR9	2E+07	CHR9:20130714	SSF x Near_LoA	-9,18575964	-0,016	0,300
CHR9	2E+07	CHR9:20149385	SSF x Near_LoA	-7,82119807	0,059	0,308
CHR9	2E+07	CHR9:20149392	SSF x Near_LoA	-8,01197436	0,001	0,312
CHR9	2E+07	CHR9:20149474	SSF x Near_LoA	-9,01523728	-0,040	0,324
CHR9	2E+07	CHR9:20149498	SSF x Near_LoA	-7,87209618	0,088	0,299
CHR9	2E+07	CHR9:20149528	SSF x Near_LoA	-10,8823857	-0,036	0,312
CHR9	2E+07	CHR9:20149557	SSF x Near_LoA	-9,74226603	0,019	0,321
CHR9	2E+07	CHR9:20158909	SSF x Near_LoA	-9,26598981	-0,013	0,315

CHR9	2E+07	CHR9:20159008	SSF x Near_LoA	-8,63429893	0,044	0,311
CHR9	2E+07	CHR9:20159015	SSF x Near_LoA	-9,12632419	0,003	0,312
CHR9	2E+07	CHR9:20159031	SSF x Near_LoA	-11,3903646	-0,004	0,299
CHR9	2E+07	CHR9:20159109	SSF x Near_LoA	-7,84850457	-0,117	0,330
CHR9	2E+07	CHR9:20159130	SSF x Near_LoA	-8,65142453	0,094	0,303
CHR9	2E+07	CHR9:20159131	SSF x Near_LoA	-7,69189472	-0,064	0,320
CHR9	2E+07	CHR9:20159146	SSF x Near_LoA	-5,91421344	-0,053	0,313
CHR9	2E+07	CHR9:20159149	SSF x Near_LoA	-11,3861232	-0,068	0,311
CHR9	2E+07	CHR9:20159237	SSF x Near_LoA	-6,86823791	0,058	0,316
CHR9	2E+07	CHR9:20159403	SSF x Near_LoA	-6,25096832	-0,106	0,314
CHR9	2E+07	CHR9:20159437	SSF x Near_LoA	-3,89545206	0,229	0,289
CHR9	2E+07	CHR9:20159504	SSF x Near_LoA	-11,9964869	0,004	0,304
CHR9	2016233	CHR9:2016233	SSF x Near_LoA	-12,0605946	-0,004	0,313
CHR9	2E+07	CHR9:20165894	SSF x Near_LoA	-10,6882982	0,034	0,307
CHR9	2E+07	CHR9:20165934	SSF x Near_LoA	-10,0632259	0,005	0,323
CHR9	2E+07	CHR9:20165960	SSF x Near_LoA	-11,1484036	-0,013	0,307
CHR9	2E+07	CHR9:20166112	SSF x Near_LoA	-9,77821371	0,006	0,303
CHR9	2E+07	CHR9:20166133	SSF x Near_LoA	-5,45973017	0,177	0,297
CHR9	2E+07	CHR9:20166203	SSF x Near_LoA	-5,02228378	-0,072	0,312
CHR9	2E+07	CHR9:20166206	SSF x Near_LoA	-10,5044989	-0,044	0,297
CHR9	2E+07	CHR9:20180600	SSF x Near_LoA	-0,74105475	0,029	0,319
CHR9	2E+07	CHR9:20180616	SSF x Near_LoA	-9,29352955	0,082	0,311
CHR9	2E+07	CHR9:20180618	SSF x Near_LoA	-9,01871926	0,085	0,314
CHR9	2E+07	CHR9:20180630	SSF x Near_LoA	-9,17735862	0,098	0,311
CHR9	2E+07	CHR9:20180636	SSF x Near_LoA	-9,58177264	0,099	0,307
CHR9	2E+07	CHR9:20180652	SSF x Near_LoA	-8,89220702	-0,001	0,314
CHR9	2E+07	CHR9:20180672	SSF x Near_LoA	-8,124607	0,119	0,307
CHR9	2E+07	CHR9:20180978	SSF x Near_LoA	-6,4309383	0,129	0,291
CHR9	2E+07	CHR9:20180979	SSF x Near_LoA	-10,3339859	-0,006	0,308
CHR9	2E+07	CHR9:20180988	SSF x Near_LoA	-7,86223039	-0,091	0,312
CHR9	2E+07	CHR9:20180996	SSF x Near_LoA	-8,15765192	-0,116	0,304
CHR9	2E+07	CHR9:20181003	SSF x Near_LoA	-7,13128774	-0,116	0,303
CHR9	2E+07	CHR9:20181011	SSF x Near_LoA	-7,11660605	-0,020	0,306
CHR9	2E+07	CHR9:20181034	SSF x Near_LoA	-9,06478956	0,138	0,296
CHR9	2E+07	CHR9:20184580	SSF x Near_LoA	-8,02158502	0,096	0,311
CHR9	2E+07	CHR9:20184689	SSF x Near_LoA	-9,71951897	0,062	0,296
CHR9	2E+07	CHR9:20185155	SSF x Near_LoA	-8,45793928	0,129	0,318
CHR9	2E+07	CHR9:20185177	SSF x Near_LoA	-8,46772782	-0,053	0,301
CHR9	2E+07	CHR9:20188614	SSF x Near_LoA	-6,9830392	-0,080	0,302
CHR9	2E+07	CHR9:20188695	SSF x Near_LoA	-8,75825759	-0,002	0,305
CHR9	2019205	CHR9:2019205	SSF x Near_LoA	-11,7079816	0,018	0,309
CHR9	2E+07	CHR9:20194121	SSF x Near_LoA	-10,7307354	-0,004	0,298
CHR9	2E+07	CHR9:20194173	SSF x Near_LoA	-9,82327729	0,001	0,303
CHR9	2E+07	CHR9:20194188	SSF x Near_LoA	-10,4896818	-0,084	0,308
CHR9	2E+07	CHR9:20194190	SSF x Near_LoA	-10,2226349	-0,018	0,309
CHR9	2E+07	CHR9:20194217	SSF x Near_LoA	-10,0374227	-0,011	0,311
CHR9	2E+07	CHR9:20194249	SSF x Near_LoA	-8,48814762	-0,080	0,314
CHR9	2E+07	CHR9:20194284	SSF x Near_LoA	-10,4260946	-0,080	0,301
CHR9	2E+07	CHR9:20198891	SSF x Near_LoA	-8,43425897	-0,001	0,298
CHR9	2E+07	CHR9:20198899	SSF x Near_LoA	-11,5426719	0,063	0,305
CHR9	2E+07	CHR9:20212111	SSF x Near_LoA	-8,84428742	0,016	0,294
CHR9	2E+07	CHR9:20212113	SSF x Near_LoA	-9,06071863	-0,038	0,304
CHR9	2E+07	CHR9:20212115	SSF x Near_LoA	-10,0820416	-0,060	0,305

CHR9	2E+07	CHR9:20212116	SSF x Near_LoA	-9,98821749	0,037	0,324
CHR9	2E+07	CHR9:20212135	SSF x Near_LoA	-7,16286355	-0,051	0,299
CHR9	2E+07	CHR9:20212267	SSF x Near_LoA	-11,2151886	0,051	0,302
CHR9	2E+07	CHR9:20212328	SSF x Near_LoA	-12,3398994	0,027	0,298
CHR9	2E+07	CHR9:20212345	SSF x Near_LoA	-10,2307534	0,002	0,307
CHR9	2E+07	CHR9:20212352	SSF x Near_LoA	-9,11902485	-0,180	0,295
CHR9	2E+07	CHR9:20212366	SSF x Near_LoA	-11,7081751	0,063	0,306
CHR9	2021505	CHR9:2021505	SSF x Near_LoA	-8,91284819	0,016	0,315
CHR9	2021509	CHR9:2021509	SSF x Near_LoA	-11,4699568	-0,019	0,310
CHR9	2021547	CHR9:2021547	SSF x Near_LoA	-7,4211695	-0,171	0,311
CHR9	2021595	CHR9:2021595	SSF x Near_LoA	-8,77478064	-0,090	0,315
CHR9	2021597	CHR9:2021597	SSF x Near_LoA	-9,74609446	0,080	0,291
CHR9	2E+07	CHR9:20222832	SSF x Near_LoA	-7,97902179	-0,047	0,305
CHR9	2E+07	CHR9:20222900	SSF x Near_LoA	-9,72761382	0,043	0,304
CHR9	2E+07	CHR9:20223024	SSF x Near_LoA	-9,90501296	-0,021	0,313
CHR9	2E+07	CHR9:20235230	SSF x Near_LoA	-5,9849924	-0,053	0,309
CHR9	2E+07	CHR9:20238191	SSF x Near_LoA	-7,48294317	0,130	0,297
CHR9	2E+07	CHR9:20238197	SSF x Near_LoA	-7,29031907	0,091	0,315
CHR9	2E+07	CHR9:20238198	SSF x Near_LoA	-7,51339055	0,071	0,313
CHR9	2E+07	CHR9:20238234	SSF x Near_LoA	-9,34623622	-0,004	0,306
CHR9	2E+07	CHR9:20238243	SSF x Near_LoA	-8,00052577	-0,015	0,311
CHR9	2E+07	CHR9:20238278	SSF x Near_LoA	-8,22509368	0,145	0,298
CHR9	2E+07	CHR9:20238312	SSF x Near_LoA	-10,5224534	0,056	0,308
CHR9	2E+07	CHR9:20240412	SSF x Near_LoA	-9,17567447	-0,078	0,306
CHR9	2E+07	CHR9:20241799	SSF x Near_LoA	-8,48973126	0,016	0,302
CHR9	2E+07	CHR9:20241806	SSF x Near_LoA	-8,04359002	0,005	0,311
CHR9	2E+07	CHR9:20241839	SSF x Near_LoA	-9,27295532	0,046	0,304
CHR9	2E+07	CHR9:20241914	SSF x Near_LoA	-8,45640766	0,000	0,309
CHR9	2E+07	CHR9:20247482	SSF x Near_LoA	-7,96888323	0,219	0,285
CHR9	2E+07	CHR9:20247491	SSF x Near_LoA	-7,52369402	0,131	0,304
CHR9	2E+07	CHR9:20247513	SSF x Near_LoA	-10,7599227	0,012	0,302
CHR9	2E+07	CHR9:20247553	SSF x Near_LoA	-10,9219661	-0,037	0,302
CHR9	2024976	CHR9:2024976	SSF x Near_LoA	-10,178389	-0,120	0,294
CHR9	2025021	CHR9:2025021	SSF x Near_LoA	-9,71116848	-0,025	0,298
CHR9	2E+07	CHR9:20255002	SSF x Near_LoA	-8,61439335	0,041	0,317
CHR9	2E+07	CHR9:20255194	SSF x Near_LoA	-9,06018266	0,003	0,304
CHR9	2E+07	CHR9:20265363	SSF x Near_LoA	-11,3588788	0,020	0,297
CHR9	2E+07	CHR9:20269232	SSF x Near_LoA	-9,69390859	-0,035	0,309
CHR9	2E+07	CHR9:20270159	SSF x Near_LoA	-10,6785223	0,029	0,313
CHR9	2E+07	CHR9:20270307	SSF x Near_LoA	-5,57217359	-0,091	0,297
CHR9	2E+07	CHR9:20276262	SSF x Near_LoA	-9,42111432	0,121	0,299
CHR9	2E+07	CHR9:20276283	SSF x Near_LoA	-7,19722746	-0,121	0,312
CHR9	2E+07	CHR9:20282437	SSF x Near_LoA	-6,7939288	-0,109	0,290
CHR9	2E+07	CHR9:20287762	SSF x Near_LoA	-8,43886067	-0,047	0,316
CHR9	2E+07	CHR9:20287849	SSF x Near_LoA	-7,76781727	-0,041	0,311
CHR9	2E+07	CHR9:20294226	SSF x Near_LoA	-8,94850001	-0,032	0,314
CHR9	2E+07	CHR9:20294327	SSF x Near_LoA	-8,75394994	0,081	0,308
CHR9	2E+07	CHR9:20294339	SSF x Near_LoA	4,750764	-0,083	0,317
CHR9	2E+07	CHR9:20295854	SSF x Near_LoA	-9,71038867	0,023	0,319
CHR9	2E+07	CHR9:20295933	SSF x Near_LoA	-6,29693766	0,089	0,309
CHR9	2E+07	CHR9:20302576	SSF x Near_LoA	-10,9073416	-0,113	0,310
CHR9	2E+07	CHR9:20302638	SSF x Near_LoA	-4,95242373	-0,209	0,303
CHR9	2E+07	CHR9:20302642	SSF x Near_LoA	-4,95646942	-0,208	0,301

CHR9	2E+07	CHR9:20302697	SSF x Near_LoA	-7,20055394	-0,110	0,299
CHR9	2030704	CHR9:2030704	SSF x Near_LoA	-11,247609	-0,035	0,320
CHR9	2030720	CHR9:2030720	SSF x Near_LoA	-11,483299	0,025	0,317
CHR9	2E+07	CHR9:20307992	SSF x Near_LoA	-10,7146126	-0,058	0,305
CHR9	2E+07	CHR9:20308000	SSF x Near_LoA	-10,3353564	0,013	0,290
CHR9	2E+07	CHR9:20308010	SSF x Near_LoA	-7,30227925	-0,152	0,303
CHR9	2E+07	CHR9:20308043	SSF x Near_LoA	-2,8255057	-0,143	0,328
CHR9	2E+07	CHR9:20308048	SSF x Near_LoA	-11,056126	-0,010	0,315
CHR9	2E+07	CHR9:20308063	SSF x Near_LoA	-8,59656727	-0,143	0,300
CHR9	2E+07	CHR9:20308093	SSF x Near_LoA	-8,37081764	0,023	0,313
CHR9	2E+07	CHR9:20308216	SSF x Near_LoA	-10,1926651	-0,029	0,301
CHR9	2E+07	CHR9:20308218	SSF x Near_LoA	-10,5416905	-0,049	0,302
CHR9	2E+07	CHR9:20308243	SSF x Near_LoA	-8,60853091	-0,025	0,312
CHR9	2E+07	CHR9:20308290	SSF x Near_LoA	-9,02900768	0,017	0,306
CHR9	2E+07	CHR9:20318681	SSF x Near_LoA	-9,38412125	-0,033	0,314
CHR9	2E+07	CHR9:20318695	SSF x Near_LoA	-0,71843992	-0,036	0,315
CHR9	2E+07	CHR9:20318753	SSF x Near_LoA	-5,90909811	-0,157	0,291
CHR9	2E+07	CHR9:20318761	SSF x Near_LoA	-4,8452291	-0,113	0,320
CHR9	2E+07	CHR9:20318838	SSF x Near_LoA	-7,61770939	0,187	0,284
CHR9	2E+07	CHR9:20318862	SSF x Near_LoA	-8,92515218	-0,103	0,315
CHR9	2E+07	CHR9:20326490	SSF x Near_LoA	-11,676397	0,032	0,308
CHR9	2E+07	CHR9:20326505	SSF x Near_LoA	-11,1862959	0,081	0,299
CHR9	2E+07	CHR9:20329477	SSF x Near_LoA	-7,66901449	0,007	0,310
CHR9	2E+07	CHR9:20341595	SSF x Near_LoA	-9,38131362	-0,027	0,300
CHR9	2E+07	CHR9:20341621	SSF x Near_LoA	-9,64863436	0,003	0,297
CHR9	2E+07	CHR9:20341624	SSF x Near_LoA	-9,81757645	-0,037	0,290
CHR9	2E+07	CHR9:20341850	SSF x Near_LoA	-8,44760459	-0,059	0,323
CHR9	2E+07	CHR9:20341854	SSF x Near_LoA	-0,08592585	0,192	0,290
CHR9	2E+07	CHR9:20341879	SSF x Near_LoA	-6,69645405	0,188	0,307
CHR9	2E+07	CHR9:20355395	SSF x Near_LoA	-11,3150795	-0,026	0,307
CHR9	2E+07	CHR9:20355404	SSF x Near_LoA	-11,3836462	-0,043	0,307
CHR9	2E+07	CHR9:20355442	SSF x Near_LoA	-9,24703816	-0,126	0,297
CHR9	2E+07	CHR9:20355481	SSF x Near_LoA	-11,2783336	-0,039	0,311
CHR9	2E+07	CHR9:20355622	SSF x Near_LoA	-10,4614141	-0,062	0,306
CHR9	2E+07	CHR9:20355638	SSF x Near_LoA	-8,24266367	-0,042	0,320
CHR9	2E+07	CHR9:20371285	SSF x Near_LoA	-3,7832018	-0,133	0,302
CHR9	2E+07	CHR9:20371432	SSF x Near_LoA	-9,42076254	0,081	0,304
CHR9	2E+07	CHR9:20371496	SSF x Near_LoA	-11,1025941	-0,030	0,312
CHR9	2E+07	CHR9:20380006	SSF x Near_LoA	-9,19835964	0,113	0,308
CHR9	2E+07	CHR9:20380057	SSF x Near_LoA	-7,4055423	0,103	0,311
CHR9	2E+07	CHR9:20383036	SSF x Near_LoA	-10,534499	0,062	0,304
CHR9	2E+07	CHR9:20388274	SSF x Near_LoA	-10,1911711	-0,079	0,312
CHR9	2E+07	CHR9:20388298	SSF x Near_LoA	-10,3186124	-0,092	0,305
CHR9	2E+07	CHR9:20388299	SSF x Near_LoA	-8,53798346	-0,056	0,311
CHR9	2E+07	CHR9:20388313	SSF x Near_LoA	-11,6207874	0,102	0,302
CHR9	2E+07	CHR9:20388387	SSF x Near_LoA	-9,08989881	0,129	0,296
CHR9	2E+07	CHR9:20388441	SSF x Near_LoA	-8,2323184	-0,115	0,301
CHR9	2E+07	CHR9:20388458	SSF x Near_LoA	-9,38921897	0,018	0,297
CHR9	2E+07	CHR9:20394269	SSF x Near_LoA	-7,31619265	0,135	0,305
CHR9	2E+07	CHR9:20394311	SSF x Near_LoA	-6,85187355	-0,094	0,317
CHR9	2E+07	CHR9:20394318	SSF x Near_LoA	-9,63179952	-0,031	0,306
CHR9	2E+07	CHR9:20394327	SSF x Near_LoA	-10,7947799	-0,012	0,299
CHR9	2E+07	CHR9:20394381	SSF x Near_LoA	-6,28643776	-0,186	0,301

CHR9	2E+07	CHR9:20406168	SSF x Near_LoA	-8,03430085	-0,131	0,293
CHR9	2E+07	CHR9:20406185	SSF x Near_LoA	-10,818421	0,078	0,309
CHR9	2E+07	CHR9:20406201	SSF x Near_LoA	-9,25943826	-0,013	0,311
CHR9	2E+07	CHR9:20406588	SSF x Near_LoA	-5,49412885	-0,006	0,302
CHR9	2E+07	CHR9:20408052	SSF x Near_LoA	-10,811503	-0,013	0,309
CHR9	2E+07	CHR9:20408138	SSF x Near_LoA	-6,03529454	0,150	0,294
CHR9	2E+07	CHR9:20408151	SSF x Near_LoA	-6,93138877	0,193	0,287
CHR9	2E+07	CHR9:20408189	SSF x Near_LoA	-8,4902534	-0,041	0,305
CHR9	2E+07	CHR9:20408225	SSF x Near_LoA	-10,2482924	-0,002	0,311
CHR9	2E+07	CHR9:20408226	SSF x Near_LoA	-9,75353093	-0,052	0,304
CHR9	2E+07	CHR9:20408270	SSF x Near_LoA	-8,35443003	0,030	0,310
CHR9	2E+07	CHR9:20408308	SSF x Near_LoA	-7,47911643	-0,156	0,308
CHR9	2E+07	CHR9:20410785	SSF x Near_LoA	-8,94708581	-0,104	0,316
CHR9	2E+07	CHR9:20410789	SSF x Near_LoA	-9,50079307	-0,031	0,314
CHR9	2E+07	CHR9:20410798	SSF x Near_LoA	-6,00751694	-0,016	0,308
CHR9	2E+07	CHR9:20410925	SSF x Near_LoA	-9,37633418	0,071	0,305
CHR9	2E+07	CHR9:20410934	SSF x Near_LoA	-9,43419561	0,059	0,307
CHR9	2E+07	CHR9:20410940	SSF x Near_LoA	-8,91965716	0,085	0,307
CHR9	2E+07	CHR9:20410941	SSF x Near_LoA	-9,65438468	-0,153	0,292
CHR9	2E+07	CHR9:20410968	SSF x Near_LoA	-9,29972341	-0,021	0,294
CHR9	2E+07	CHR9:20410974	SSF x Near_LoA	-8,90565236	-0,052	0,306
CHR9	2E+07	CHR9:20411028	SSF x Near_LoA	-9,5393522	0,043	0,318
CHR9	2E+07	CHR9:20414314	SSF x Near_LoA	1,01845549	-0,050	0,308
CHR9	2E+07	CHR9:20415065	SSF x Near_LoA	-10,4159671	-0,083	0,303
CHR9	2E+07	CHR9:20415143	SSF x Near_LoA	-7,27742641	-0,098	0,324
CHR9	2E+07	CHR9:20420645	SSF x Near_LoA	-2,11076088	0,045	0,317
CHR9	2E+07	CHR9:20420760	SSF x Near_LoA	-10,9431931	0,000	0,311
CHR9	2E+07	CHR9:20432287	SSF x Near_LoA	-11,1815107	0,008	0,307
CHR9	2E+07	CHR9:20432351	SSF x Near_LoA	-7,67334489	-0,049	0,307
CHR9	2E+07	CHR9:20432387	SSF x Near_LoA	-9,31701463	0,000	0,311
CHR9	2E+07	CHR9:20439222	SSF x Near_LoA	-8,51526962	0,116	0,318
CHR9	2E+07	CHR9:20439370	SSF x Near_LoA	-10,902919	0,054	0,322
CHR9	2E+07	CHR9:20443558	SSF x Near_LoA	-9,80931552	-0,037	0,302
CHR9	2E+07	CHR9:20460318	SSF x Near_LoA	-10,1778747	0,017	0,302
CHR9	2E+07	CHR9:20460331	SSF x Near_LoA	-6,54647958	0,021	0,318
CHR9	2E+07	CHR9:20460412	SSF x Near_LoA	-9,12948775	-0,078	0,318
CHR9	2E+07	CHR9:20460422	SSF x Near_LoA	-10,1417798	0,046	0,307
CHR9	2E+07	CHR9:20460457	SSF x Near_LoA	-5,33474685	0,171	0,307
CHR9	2E+07	CHR9:20460469	SSF x Near_LoA	-10,7487594	0,025	0,294
CHR9	2E+07	CHR9:20460470	SSF x Near_LoA	-10,3280215	0,049	0,303
CHR9	2E+07	CHR9:20462914	SSF x Near_LoA	-10,1413351	-0,090	0,322
CHR9	2E+07	CHR9:20463017	SSF x Near_LoA	-9,07851855	-0,011	0,312
CHR9	2E+07	CHR9:20463073	SSF x Near_LoA	-9,59005324	-0,014	0,303
CHR9	2E+07	CHR9:20463099	SSF x Near_LoA	-9,04517328	0,039	0,314
CHR9	2E+07	CHR9:20463101	SSF x Near_LoA	-8,83766607	-0,007	0,310
CHR9	2E+07	CHR9:20463152	SSF x Near_LoA	-10,4962397	0,074	0,324
CHR9	2E+07	CHR9:20472328	SSF x Near_LoA	-6,43699822	-0,158	0,295
CHR9	2E+07	CHR9:20472370	SSF x Near_LoA	-8,48123331	-0,162	0,303
CHR9	2E+07	CHR9:20472401	SSF x Near_LoA	-8,12224551	-0,062	0,311
CHR9	2E+07	CHR9:20472410	SSF x Near_LoA	-6,26541275	-0,099	0,304
CHR9	2E+07	CHR9:20472440	SSF x Near_LoA	-9,296591	0,049	0,299
CHR9	2E+07	CHR9:20475978	SSF x Near_LoA	-9,67869858	0,060	0,306
CHR9	2E+07	CHR9:20484716	SSF x Near_LoA	-11,3904598	0,085	0,300

CHR9	2E+07	CHR9:20484821	SSF x Near_LoA	-0,3449507	0,132	0,311
CHR9	2E+07	CHR9:20484831	SSF x Near_LoA	-10,6531972	0,039	0,303
CHR9	2E+07	CHR9:20484859	SSF x Near_LoA	-8,83153492	0,042	0,315
CHR9	2E+07	CHR9:20484870	SSF x Near_LoA	-5,23826312	0,082	0,302
CHR9	2E+07	CHR9:20489792	SSF x Near_LoA	-10,0994418	0,077	0,328
CHR9	2E+07	CHR9:20489851	SSF x Near_LoA	-10,0895595	0,083	0,306
CHR9	2E+07	CHR9:20489874	SSF x Near_LoA	-8,41428162	0,113	0,293
CHR9	2E+07	CHR9:20489890	SSF x Near_LoA	-11,255154	-0,004	0,298
CHR9	2E+07	CHR9:20489961	SSF x Near_LoA	-9,38751683	0,007	0,300
CHR9	2E+07	CHR9:20491268	SSF x Near_LoA	-10,0069648	-0,107	0,306
CHR9	2E+07	CHR9:20491425	SSF x Near_LoA	-10,1126639	0,011	0,316
CHR9	2E+07	CHR9:20491453	SSF x Near_LoA	-9,34644664	-0,029	0,312
CHR9	2E+07	CHR9:20491482	SSF x Near_LoA	-8,63578885	0,006	0,315
CHR9	2E+07	CHR9:20491493	SSF x Near_LoA	-11,5107304	0,112	0,310
CHR9	20505283	CHR9:20505283	SSF x Near_LoA	-1,42595467	-0,174	0,307
CHR9	20505291	CHR9:20505291	SSF x Near_LoA	-8,65203289	0,082	0,308
CHR9	20505294	CHR9:20505294	SSF x Near_LoA	-8,11079142	0,103	0,297
CHR9	20505295	CHR9:20505295	SSF x Near_LoA	-8,9848867	0,088	0,300
CHR9	20508095	CHR9:20508095	SSF x Near_LoA	-9,84166116	0,053	0,307
CHR9	2051011	CHR9:2051011	SSF x Near_LoA	-9,14607837	-0,017	0,304
CHR9	2051033	CHR9:2051033	SSF x Near_LoA	-10,1470422	-0,044	0,323
CHR9	20510527	CHR9:20510527	SSF x Near_LoA	-9,19619881	-0,022	0,293
CHR9	20510548	CHR9:20510548	SSF x Near_LoA	-10,0283851	0,152	0,292
CHR9	20510567	CHR9:20510567	SSF x Near_LoA	-9,28907	-0,031	0,309
CHR9	20510638	CHR9:20510638	SSF x Near_LoA	-7,73712654	0,052	0,301
CHR9	20510656	CHR9:20510656	SSF x Near_LoA	-8,4884433	0,047	0,303
CHR9	20510660	CHR9:20510660	SSF x Near_LoA	-9,95790818	0,086	0,290
CHR9	20510703	CHR9:20510703	SSF x Near_LoA	-7,83789841	-0,072	0,318
CHR9	2051095	CHR9:2051095	SSF x Near_LoA	-8,94365787	0,065	0,289
CHR9	20511592	CHR9:20511592	SSF x Near_LoA	-9,86770845	-0,073	0,302
CHR9	20511674	CHR9:20511674	SSF x Near_LoA	-7,36882618	-0,049	0,305
CHR9	20511680	CHR9:20511680	SSF x Near_LoA	-9,04970573	-0,135	0,320
CHR9	2051705	CHR9:2051705	SSF x Near_LoA	-11,1055576	0,047	0,314
CHR9	20519131	CHR9:20519131	SSF x Near_LoA	-5,30422565	0,104	0,309
CHR9	20519156	CHR9:20519156	SSF x Near_LoA	-8,73927851	-0,044	0,293
CHR9	20519164	CHR9:20519164	SSF x Near_LoA	-5,39152879	0,142	0,291
CHR9	20519177	CHR9:20519177	SSF x Near_LoA	-9,52159865	-0,039	0,309
CHR9	20519234	CHR9:20519234	SSF x Near_LoA	-11,6987052	-0,002	0,302
CHR9	2052350	CHR9:2052350	SSF x Near_LoA	-10,2518972	0,018	0,320
CHR9	2052545	CHR9:2052545	SSF x Near_LoA	-8,22791807	-0,052	0,325
CHR9	20528294	CHR9:20528294	SSF x Near_LoA	-10,5574773	0,000	0,316
CHR9	20528330	CHR9:20528330	SSF x Near_LoA	-6,18012985	-0,144	0,294
CHR9	20528336	CHR9:20528336	SSF x Near_LoA	-11,1480868	0,016	0,307
CHR9	20528342	CHR9:20528342	SSF x Near_LoA	-9,24235748	0,031	0,308
CHR9	20530110	CHR9:20530110	SSF x Near_LoA	-9,52613699	-0,009	0,313
CHR9	20530111	CHR9:20530111	SSF x Near_LoA	-8,86990794	-0,061	0,305
CHR9	20542217	CHR9:20542217	SSF x Near_LoA	-7,75081587	-0,072	0,301
CHR9	20542231	CHR9:20542231	SSF x Near_LoA	-8,28146971	0,056	0,311
CHR9	20542258	CHR9:20542258	SSF x Near_LoA	-8,22618092	-0,031	0,308
CHR9	20542302	CHR9:20542302	SSF x Near_LoA	-10,2721819	-0,016	0,314
CHR9	20542359	CHR9:20542359	SSF x Near_LoA	-12,0446506	-0,033	0,300
CHR9	20542370	CHR9:20542370	SSF x Near_LoA	-8,67894555	0,003	0,317
CHR9	20546993	CHR9:20546993	SSF x Near_LoA	-11,4064117	0,009	0,316

CHR9	20547094	CHR9:20547094	SSF x Near_LoA	-8,84913402	-0,046	0,309
CHR9	20549244	CHR9:20549244	SSF x Near_LoA	-9,60408918	-0,004	0,316
CHR9	20564040	CHR9:20564040	SSF x Near_LoA	-8,70465243	-0,063	0,296
CHR9	20567804	CHR9:20567804	SSF x Near_LoA	-6,76183278	-0,131	0,298
CHR9	20567807	CHR9:20567807	SSF x Near_LoA	-9,120911	-0,017	0,325
CHR9	20567823	CHR9:20567823	SSF x Near_LoA	-10,3775712	-0,057	0,321
CHR9	20567887	CHR9:20567887	SSF x Near_LoA	-10,9628566	-0,078	0,304
CHR9	20577844	CHR9:20577844	SSF x Near_LoA	-7,22055244	-0,033	0,306
CHR9	20579363	CHR9:20579363	SSF x Near_LoA	-11,3324706	0,051	0,301
CHR9	20595564	CHR9:20595564	SSF x Near_LoA	-3,36220994	0,139	0,297
CHR9	20595580	CHR9:20595580	SSF x Near_LoA	-11,2660486	-0,015	0,317
CHR9	20596409	CHR9:20596409	SSF x Near_LoA	-7,73192129	0,063	0,326
CHR9	20596426	CHR9:20596426	SSF x Near_LoA	-9,7196879	-0,005	0,312
CHR9	20596435	CHR9:20596435	SSF x Near_LoA	-8,27662852	0,096	0,296
CHR9	20602647	CHR9:20602647	SSF x Near_LoA	-7,85151476	0,012	0,320
CHR9	20602648	CHR9:20602648	SSF x Near_LoA	-10,398391	0,068	0,289
CHR9	20602658	CHR9:20602658	SSF x Near_LoA	-6,66784016	0,009	0,300
CHR9	2060458	CHR9:2060458	SSF x Near_LoA	-9,27168619	0,044	0,325
CHR9	20605738	CHR9:20605738	SSF x Near_LoA	-10,300347	0,068	0,303
CHR9	2060574	CHR9:2060574	SSF x Near_LoA	-7,9982947	0,005	0,309
CHR9	20614725	CHR9:20614725	SSF x Near_LoA	-10,2662234	-0,066	0,313
CHR9	20614982	CHR9:20614982	SSF x Near_LoA	-11,6417483	-0,013	0,313
CHR9	20618531	CHR9:20618531	SSF x Near_LoA	-2,50805512	0,008	0,308
CHR9	2062596	CHR9:2062596	SSF x Near_LoA	-8,99238095	0,119	0,310
CHR9	2062775	CHR9:2062775	SSF x Near_LoA	-11,4336278	0,017	0,314
CHR9	2062811	CHR9:2062811	SSF x Near_LoA	-11,3475563	0,048	0,306
CHR9	20636879	CHR9:20636879	SSF x Near_LoA	-8,33644142	0,007	0,318
CHR9	20640042	CHR9:20640042	SSF x Near_LoA	-10,0343593	0,141	0,288
CHR9	20640073	CHR9:20640073	SSF x Near_LoA	-3,52868216	0,140	0,298
CHR9	20640085	CHR9:20640085	SSF x Near_LoA	-11,652074	0,036	0,315
CHR9	20641057	CHR9:20641057	SSF x Near_LoA	-9,85989894	-0,038	0,292
CHR9	20641149	CHR9:20641149	SSF x Near_LoA	-9,04479592	-0,151	0,315
CHR9	20641150	CHR9:20641150	SSF x Near_LoA	-9,46205993	-0,090	0,307
CHR9	20641196	CHR9:20641196	SSF x Near_LoA	-12,0425732	-0,081	0,306
CHR9	2064548	CHR9:2064548	SSF x Near_LoA	-11,3323031	-0,068	0,307
CHR9	2064617	CHR9:2064617	SSF x Near_LoA	-8,24972438	-0,080	0,313
CHR9	20651077	CHR9:20651077	SSF x Near_LoA	-6,47324778	-0,147	0,310
CHR9	20651138	CHR9:20651138	SSF x Near_LoA	-4,98798023	-0,153	0,308
CHR9	20651143	CHR9:20651143	SSF x Near_LoA	-9,51866476	0,129	0,294
CHR9	20651241	CHR9:20651241	SSF x Near_LoA	-9,76823599	0,066	0,325
CHR9	20651249	CHR9:20651249	SSF x Near_LoA	-6,34154759	0,080	0,310
CHR9	20651256	CHR9:20651256	SSF x Near_LoA	-10,3598416	-0,023	0,304
CHR9	20652334	CHR9:20652334	SSF x Near_LoA	-8,39503111	-0,031	0,317
CHR9	20654102	CHR9:20654102	SSF x Near_LoA	-5,88263473	-0,103	0,302
CHR9	20654164	CHR9:20654164	SSF x Near_LoA	-10,3505872	-0,067	0,295
CHR9	20664461	CHR9:20664461	SSF x Near_LoA	-9,42096763	-0,072	0,302
CHR9	20665742	CHR9:20665742	SSF x Near_LoA	-8,56380384	-0,088	0,298
CHR9	20665814	CHR9:20665814	SSF x Near_LoA	-10,0684736	-0,002	0,297
CHR9	20665889	CHR9:20665889	SSF x Near_LoA	-7,75241306	-0,103	0,296
CHR9	20671742	CHR9:20671742	SSF x Near_LoA	-8,37996187	-0,023	0,308
CHR9	20671758	CHR9:20671758	SSF x Near_LoA	-8,65535064	-0,018	0,312
CHR9	20674255	CHR9:20674255	SSF x Near_LoA	-9,0786855	0,063	0,306
CHR9	20674261	CHR9:20674261	SSF x Near_LoA	-8,50164635	0,083	0,313

CHR9	20683187	CHR9:20683187	SSF x Near_LoA	-9,42572258	-0,019	0,310
CHR9	20683306	CHR9:20683306	SSF x Near_LoA	-9,77199622	-0,021	0,312
CHR9	20683622	CHR9:20683622	SSF x Near_LoA	-7,16428728	0,064	0,321
CHR9	20690308	CHR9:20690308	SSF x Near_LoA	-10,5214551	-0,004	0,318
CHR9	20690311	CHR9:20690311	SSF x Near_LoA	-10,0845887	0,023	0,292
CHR9	20690326	CHR9:20690326	SSF x Near_LoA	-8,5724652	0,025	0,302
CHR9	2069494	CHR9:2069494	SSF x Near_LoA	-7,72340117	-0,078	0,299
CHR9	2069503	CHR9:2069503	SSF x Near_LoA	-9,43070272	0,029	0,306
CHR9	2069506	CHR9:2069506	SSF x Near_LoA	-9,07205707	0,025	0,311
CHR9	2069532	CHR9:2069532	SSF x Near_LoA	-7,01811199	0,198	0,299
CHR9	2069567	CHR9:2069567	SSF x Near_LoA	-9,31711463	0,026	0,299
CHR9	2069584	CHR9:2069584	SSF x Near_LoA	-10,1181262	-0,002	0,304
CHR9	2069615	CHR9:2069615	SSF x Near_LoA	-11,005895	-0,075	0,305
CHR9	20700698	CHR9:20700698	SSF x Near_LoA	-10,3042547	-0,140	0,299
CHR9	20718328	CHR9:20718328	SSF x Near_LoA	-11,0043542	0,050	0,309
CHR9	20723255	CHR9:20723255	SSF x Near_LoA	-10,3756099	-0,119	0,304
CHR9	20723273	CHR9:20723273	SSF x Near_LoA	-10,5612089	0,041	0,306
CHR9	20723295	CHR9:20723295	SSF x Near_LoA	-8,89350995	-0,073	0,288
CHR9	20723297	CHR9:20723297	SSF x Near_LoA	-8,60129658	-0,075	0,304
CHR9	20723345	CHR9:20723345	SSF x Near_LoA	-8,00550339	-0,025	0,303
CHR9	2072519	CHR9:2072519	SSF x Near_LoA	-9,53521631	0,118	0,302
CHR9	2072585	CHR9:2072585	SSF x Near_LoA	-7,26673397	0,035	0,306
CHR9	2072601	CHR9:2072601	SSF x Near_LoA	-10,2020512	-0,058	0,314
CHR9	20727736	CHR9:20727736	SSF x Near_LoA	-9,39470628	-0,021	0,320
CHR9	20728668	CHR9:20728668	SSF x Near_LoA	-7,72826223	-0,017	0,311
CHR9	20756097	CHR9:20756097	SSF x Near_LoA	-9,05400218	0,015	0,306
CHR9	20759514	CHR9:20759514	SSF x Near_LoA	-10,7483029	-0,017	0,315
CHR9	20762458	CHR9:20762458	SSF x Near_LoA	-9,12020758	-0,090	0,312
CHR9	20762534	CHR9:20762534	SSF x Near_LoA	-10,6483209	0,082	0,311
CHR9	20771648	CHR9:20771648	SSF x Near_LoA	-9,57733206	-0,024	0,303
CHR9	20771757	CHR9:20771757	SSF x Near_LoA	-5,50731092	-0,005	0,309
CHR9	20777416	CHR9:20777416	SSF x Near_LoA	-11,922857	-0,018	0,318
CHR9	20777510	CHR9:20777510	SSF x Near_LoA	-8,4480309	-0,007	0,309
CHR9	20777523	CHR9:20777523	SSF x Near_LoA	-6,76962077	0,161	0,298
CHR9	20777612	CHR9:20777612	SSF x Near_LoA	-9,50239413	-0,039	0,311
CHR9	20777617	CHR9:20777617	SSF x Near_LoA	-10,9359251	-0,080	0,313
CHR9	20787897	CHR9:20787897	SSF x Near_LoA	-10,1240932	-0,049	0,307
CHR9	20787901	CHR9:20787901	SSF x Near_LoA	-11,7428605	-0,007	0,292
CHR9	20805502	CHR9:20805502	SSF x Near_LoA	-11,0408424	-0,043	0,309
CHR9	20816570	CHR9:20816570	SSF x Near_LoA	-7,18106564	-0,118	0,292
CHR9	20822329	CHR9:20822329	SSF x Near_LoA	-9,25696747	-0,029	0,305
CHR9	20822360	CHR9:20822360	SSF x Near_LoA	-9,49623409	-0,016	0,310
CHR9	20822397	CHR9:20822397	SSF x Near_LoA	-11,1601209	0,091	0,287
CHR9	20834165	CHR9:20834165	SSF x Near_LoA	-9,76608112	0,055	0,299
CHR9	20834173	CHR9:20834173	SSF x Near_LoA	-11,4733871	0,051	0,296
CHR9	20834734	CHR9:20834734	SSF x Near_LoA	-7,372991	-0,020	0,318
CHR9	20834795	CHR9:20834795	SSF x Near_LoA	-7,51520626	0,001	0,314
CHR9	20834804	CHR9:20834804	SSF x Near_LoA	-9,63745387	-0,076	0,309
CHR9	20837702	CHR9:20837702	SSF x Near_LoA	-8,5107196	-0,114	0,303
CHR9	20842157	CHR9:20842157	SSF x Near_LoA	-8,26280719	0,069	0,303
CHR9	20845126	CHR9:20845126	SSF x Near_LoA	-8,43587422	-0,079	0,307
CHR9	20845134	CHR9:20845134	SSF x Near_LoA	-8,24953921	-0,105	0,299
CHR9	20845137	CHR9:20845137	SSF x Near_LoA	-6,83269383	0,046	0,307

CHR9	20845199	CHR9:20845199	SSF x Near_LoA	-10,5488005	0,011	0,298
CHR9	20845201	CHR9:20845201	SSF x Near_LoA	-8,94196411	-0,037	0,308
CHR9	20848459	CHR9:20848459	SSF x Near_LoA	-10,6378464	0,022	0,304
CHR9	20848785	CHR9:20848785	SSF x Near_LoA	-7,46967518	0,071	0,318
CHR9	20851625	CHR9:20851625	SSF x Near_LoA	-10,8215774	0,057	0,299
CHR9	20851744	CHR9:20851744	SSF x Near_LoA	-8,80035605	-0,059	0,299
CHR9	20856397	CHR9:20856397	SSF x Near_LoA	-8,52818846	0,010	0,327
CHR9	20856441	CHR9:20856441	SSF x Near_LoA	-8,87096708	-0,045	0,293
CHR9	20856483	CHR9:20856483	SSF x Near_LoA	-8,37048603	0,032	0,309
CHR9	20856578	CHR9:20856578	SSF x Near_LoA	-9,57731256	-0,066	0,312
CHR9	20859107	CHR9:20859107	SSF x Near_LoA	-5,96201402	-0,009	0,318
CHR9	20859159	CHR9:20859159	SSF x Near_LoA	-10,0774955	-0,038	0,308
CHR9	20859167	CHR9:20859167	SSF x Near_LoA	-12,0355726	0,045	0,299
CHR9	20866904	CHR9:20866904	SSF x Near_LoA	-11,5471388	-0,008	0,296
CHR9	20869607	CHR9:20869607	SSF x Near_LoA	-11,997068	-0,008	0,300
CHR9	20869608	CHR9:20869608	SSF x Near_LoA	-7,06422413	-0,077	0,315
CHR9	20869610	CHR9:20869610	SSF x Near_LoA	-8,55125211	-0,108	0,311
CHR9	20869625	CHR9:20869625	SSF x Near_LoA	-10,1610562	-0,085	0,314
CHR9	20874464	CHR9:20874464	SSF x Near_LoA	-8,35008608	0,013	0,313
CHR9	20874471	CHR9:20874471	SSF x Near_LoA	-8,19884511	0,052	0,310
CHR9	20876367	CHR9:20876367	SSF x Near_LoA	-10,2206931	0,069	0,303
CHR9	20876405	CHR9:20876405	SSF x Near_LoA	-10,1389198	-0,049	0,317
CHR9	20876407	CHR9:20876407	SSF x Near_LoA	-10,4648567	0,063	0,311
CHR9	20878924	CHR9:20878924	SSF x Near_LoA	-7,98954897	0,172	0,293
CHR9	20879030	CHR9:20879030	SSF x Near_LoA	-7,809998	-0,093	0,307
CHR9	20879047	CHR9:20879047	SSF x Near_LoA	-5,49558338	0,143	0,301
CHR9	20891212	CHR9:20891212	SSF x Near_LoA	-9,59985873	0,109	0,299
CHR9	20892684	CHR9:20892684	SSF x Near_LoA	-11,035819	0,088	0,297
CHR9	20911971	CHR9:20911971	SSF x Near_LoA	-9,11436394	-0,126	0,294
CHR9	20940876	CHR9:20940876	SSF x Near_LoA	-8,91190633	-0,072	0,313
CHR9	20940957	CHR9:20940957	SSF x Near_LoA	-9,88910567	0,009	0,300
CHR9	20943010	CHR9:20943010	SSF x Near_LoA	-7,70033248	-0,111	0,307
CHR9	20964089	CHR9:20964089	SSF x Near_LoA	-8,32370692	-0,116	0,311
CHR9	20964105	CHR9:20964105	SSF x Near_LoA	-4,82884976	-0,178	0,281
CHR9	20967294	CHR9:20967294	SSF x Near_LoA	-10,6075928	0,004	0,318
CHR9	2097520	CHR9:2097520	SSF x Near_LoA	-9,62090826	-0,040	0,306
CHR9	2097601	CHR9:2097601	SSF x Near_LoA	1,24277099	0,003	0,316
CHR9	2097612	CHR9:2097612	SSF x Near_LoA	-8,05857899	-0,113	0,308
CHR9	2097641	CHR9:2097641	SSF x Near_LoA	-9,37930704	-0,018	0,315
CHR9	2097671	CHR9:2097671	SSF x Near_LoA	-6,88987718	0,097	0,315
CHR9	2097673	CHR9:2097673	SSF x Near_LoA	-8,69132539	-0,073	0,303
CHR9	2097677	CHR9:2097677	SSF x Near_LoA	-7,45946351	0,062	0,311
CHR9	2097683	CHR9:2097683	SSF x Near_LoA	-8,8620167	0,050	0,311
CHR9	2097687	CHR9:2097687	SSF x Near_LoA	-10,6001914	0,007	0,315
CHR9	2097731	CHR9:2097731	SSF x Near_LoA	-9,30928206	0,043	0,300
CHR9	20978992	CHR9:20978992	SSF x Near_LoA	-8,38947818	-0,040	0,301
CHR9	20979159	CHR9:20979159	SSF x Near_LoA	-9,93376627	0,033	0,302
CHR9	20979255	CHR9:20979255	SSF x Near_LoA	-10,6544358	-0,033	0,313
CHR9	20979256	CHR9:20979256	SSF x Near_LoA	-10,3720848	-0,038	0,300
CHR9	20984267	CHR9:20984267	SSF x Near_LoA	-6,19527866	0,118	0,314
CHR9	20984272	CHR9:20984272	SSF x Near_LoA	-7,53279467	0,096	0,310
CHR9	20984275	CHR9:20984275	SSF x Near_LoA	-7,85898908	0,096	0,319
CHR9	20984428	CHR9:20984428	SSF x Near_LoA	-10,7391185	-0,068	0,289

CHR9	20984430	CHR9:20984430	SSF x Near_LoA	-8,6757777	-0,031	0,310
CHR9	2098775	CHR9:2098775	SSF x Near_LoA	-10,3823829	0,067	0,299
CHR9	2098886	CHR9:2098886	SSF x Near_LoA	-11,1371109	0,118	0,298
CHR9	20989602	CHR9:20989602	SSF x Near_LoA	-11,1663621	0,004	0,316
CHR9	20994062	CHR9:20994062	SSF x Near_LoA	-5,94451328	-0,003	0,305
CHR9	20994132	CHR9:20994132	SSF x Near_LoA	-11,2547147	-0,104	0,304
CHR9	21000220	CHR9:21000220	SSF x Near_LoA	-8,85883561	-0,065	0,309
CHR9	21000228	CHR9:21000228	SSF x Near_LoA	-9,61361098	0,039	0,304
CHR9	21006723	CHR9:21006723	SSF x Near_LoA	-9,91118544	0,018	0,303
CHR9	21006748	CHR9:21006748	SSF x Near_LoA	-11,5643313	-0,041	0,303
CHR9	21006801	CHR9:21006801	SSF x Near_LoA	-6,93023568	0,013	0,315
CHR9	21006803	CHR9:21006803	SSF x Near_LoA	-5,46178283	-0,108	0,302
CHR9	21006821	CHR9:21006821	SSF x Near_LoA	-8,04439176	-0,097	0,326
CHR9	21014588	CHR9:21014588	SSF x Near_LoA	-9,08841325	0,145	0,299
CHR9	21020256	CHR9:21020256	SSF x Near_LoA	-10,5138629	0,033	0,305
CHR9	21023603	CHR9:21023603	SSF x Near_LoA	-10,2246711	-0,027	0,307
CHR9	21023617	CHR9:21023617	SSF x Near_LoA	-9,42551341	-0,097	0,310
CHR9	21023651	CHR9:21023651	SSF x Near_LoA	-9,40983193	-0,109	0,312
CHR9	21023656	CHR9:21023656	SSF x Near_LoA	-6,66292477	0,134	0,305
CHR9	21023668	CHR9:21023668	SSF x Near_LoA	-0,92247048	0,199	0,309
CHR9	21023703	CHR9:21023703	SSF x Near_LoA	-9,01452412	-0,042	0,305
CHR9	21025567	CHR9:21025567	SSF x Near_LoA	-8,74323386	0,053	0,307
CHR9	21025688	CHR9:21025688	SSF x Near_LoA	-7,54223814	-0,107	0,300
CHR9	21040467	CHR9:21040467	SSF x Near_LoA	-2,96876069	-0,065	0,313
CHR9	21050399	CHR9:21050399	SSF x Near_LoA	-9,4633608	-0,085	0,312
CHR9	21051368	CHR9:21051368	SSF x Near_LoA	-9,1060971	-0,108	0,313
CHR9	21051399	CHR9:21051399	SSF x Near_LoA	-9,13069223	-0,008	0,318
CHR9	21051421	CHR9:21051421	SSF x Near_LoA	-9,48271152	-0,117	0,283
CHR9	21064383	CHR9:21064383	SSF x Near_LoA	-10,5119746	0,042	0,292
CHR9	21073393	CHR9:21073393	SSF x Near_LoA	-9,49967678	-0,057	0,315
CHR9	21073435	CHR9:21073435	SSF x Near_LoA	-7,66511876	0,099	0,305
CHR9	21078625	CHR9:21078625	SSF x Near_LoA	-6,25167027	0,125	0,313
CHR9	21078678	CHR9:21078678	SSF x Near_LoA	-7,4371712	0,079	0,312
CHR9	21078679	CHR9:21078679	SSF x Near_LoA	-8,38554565	-0,051	0,316
CHR9	21081230	CHR9:21081230	SSF x Near_LoA	-7,77687042	-0,026	0,307
CHR9	2108148	CHR9:2108148	SSF x Near_LoA	-9,94721837	-0,014	0,304
CHR9	2108200	CHR9:2108200	SSF x Near_LoA	-9,05291776	-0,057	0,315
CHR9	2108212	CHR9:2108212	SSF x Near_LoA	-9,58022149	-0,048	0,309
CHR9	2108214	CHR9:2108214	SSF x Near_LoA	-8,69434795	-0,070	0,315
CHR9	2108219	CHR9:2108219	SSF x Near_LoA	-9,21009894	-0,014	0,313
CHR9	2108221	CHR9:2108221	SSF x Near_LoA	-10,3691916	-0,052	0,298
CHR9	21084754	CHR9:21084754	SSF x Near_LoA	-8,0541793	0,186	0,278
CHR9	21085030	CHR9:21085030	SSF x Near_LoA	-9,10456786	-0,006	0,315
CHR9	21085046	CHR9:21085046	SSF x Near_LoA	-8,73235867	-0,027	0,324
CHR9	21090883	CHR9:21090883	SSF x Near_LoA	-8,40996054	0,029	0,310
CHR9	21090908	CHR9:21090908	SSF x Near_LoA	-9,33641575	0,021	0,299
CHR9	21090910	CHR9:21090910	SSF x Near_LoA	-9,7261177	0,026	0,291
CHR9	21090924	CHR9:21090924	SSF x Near_LoA	-8,75323358	0,133	0,306
CHR9	21090932	CHR9:21090932	SSF x Near_LoA	-7,13308087	-0,137	0,287
CHR9	21095691	CHR9:21095691	SSF x Near_LoA	-9,51168824	0,054	0,297
CHR9	21124703	CHR9:21124703	SSF x Near_LoA	-9,84441755	0,018	0,296
CHR9	21124717	CHR9:21124717	SSF x Near_LoA	-11,3504752	0,010	0,305
CHR9	21124765	CHR9:21124765	SSF x Near_LoA	-3,56451409	-0,006	0,337

CHR9	21124845	CHR9:21124845	SSF x Near_LoA	-8,62647365	-0,019	0,302
CHR9	2112530	CHR9:2112530	SSF x Near_LoA	-11,8072195	0,081	0,302
CHR9	2112590	CHR9:2112590	SSF x Near_LoA	-6,58423595	-0,066	0,312
CHR9	2112656	CHR9:2112656	SSF x Near_LoA	-8,41848643	-0,002	0,310
CHR9	2112671	CHR9:2112671	SSF x Near_LoA	-11,0829145	-0,027	0,313
CHR9	21133048	CHR9:21133048	SSF x Near_LoA	-10,7722422	-0,070	0,304
CHR9	21139811	CHR9:21139811	SSF x Near_LoA	-6,06130561	0,051	0,300
CHR9	21143819	CHR9:21143819	SSF x Near_LoA	-12,4110608	-0,092	0,290
CHR9	21143846	CHR9:21143846	SSF x Near_LoA	-10,9524915	-0,041	0,311
CHR9	21149635	CHR9:21149635	SSF x Near_LoA	-10,1581448	0,126	0,304
CHR9	21149684	CHR9:21149684	SSF x Near_LoA	-11,5658424	-0,040	0,304
CHR9	21156583	CHR9:21156583	SSF x Near_LoA	-8,59188205	0,065	0,296
CHR9	21156593	CHR9:21156593	SSF x Near_LoA	-11,8284598	0,123	0,296
CHR9	21156616	CHR9:21156616	SSF x Near_LoA	-8,66076103	0,082	0,310
CHR9	21156655	CHR9:21156655	SSF x Near_LoA	-7,92894896	-0,042	0,306
CHR9	21156658	CHR9:21156658	SSF x Near_LoA	-10,5549107	-0,064	0,302
CHR9	21156669	CHR9:21156669	SSF x Near_LoA	-11,4086947	0,088	0,279
CHR9	2116286	CHR9:2116286	SSF x Near_LoA	-9,06590321	0,153	0,297
CHR9	21163528	CHR9:21163528	SSF x Near_LoA	-9,25150259	0,030	0,314
CHR9	2116421	CHR9:2116421	SSF x Near_LoA	-8,22082808	-0,014	0,327
CHR9	2116529	CHR9:2116529	SSF x Near_LoA	-9,34628878	-0,001	0,316
CHR9	2116597	CHR9:2116597	SSF x Near_LoA	-11,4848281	-0,036	0,310
CHR9	21171459	CHR9:21171459	SSF x Near_LoA	-8,0590911	-0,126	0,297
CHR9	21171505	CHR9:21171505	SSF x Near_LoA	-11,0662311	0,024	0,313
CHR9	21171513	CHR9:21171513	SSF x Near_LoA	-9,8886802	-0,036	0,307
CHR9	2118586	CHR9:2118586	SSF x Near_LoA	-10,9246846	0,072	0,301
CHR9	2118625	CHR9:2118625	SSF x Near_LoA	-8,16144661	0,081	0,305
CHR9	2118647	CHR9:2118647	SSF x Near_LoA	-8,33789652	0,042	0,319
CHR9	21189833	CHR9:21189833	SSF x Near_LoA	-10,7338363	0,124	0,314
CHR9	21189838	CHR9:21189838	SSF x Near_LoA	-9,70582599	-0,072	0,309
CHR9	21189844	CHR9:21189844	SSF x Near_LoA	-11,2996456	-0,057	0,306
CHR9	21189881	CHR9:21189881	SSF x Near_LoA	-11,6718078	-0,049	0,303
CHR9	21189889	CHR9:21189889	SSF x Near_LoA	-10,5872222	-0,037	0,299
CHR9	21189904	CHR9:21189904	SSF x Near_LoA	-9,67703771	-0,005	0,299
CHR9	21189911	CHR9:21189911	SSF x Near_LoA	-8,19702468	-0,057	0,299
CHR9	21195345	CHR9:21195345	SSF x Near_LoA	-9,50174885	-0,036	0,310
CHR9	21195383	CHR9:21195383	SSF x Near_LoA	-4,42207521	0,076	0,303
CHR9	21198057	CHR9:21198057	SSF x Near_LoA	-6,70132012	0,162	0,303
CHR9	2119887	CHR9:2119887	SSF x Near_LoA	-10,1775384	-0,013	0,305
CHR9	2119929	CHR9:2119929	SSF x Near_LoA	-10,4218696	0,000	0,314
CHR9	21204046	CHR9:21204046	SSF x Near_LoA	-8,25762044	-0,134	0,295
CHR9	21204050	CHR9:21204050	SSF x Near_LoA	-10,2275883	-0,111	0,309
CHR9	21204052	CHR9:21204052	SSF x Near_LoA	-6,61002326	-0,013	0,301
CHR9	21204102	CHR9:21204102	SSF x Near_LoA	-8,6998028	0,049	0,300
CHR9	21204103	CHR9:21204103	SSF x Near_LoA	-11,8600229	-0,014	0,292
CHR9	21204119	CHR9:21204119	SSF x Near_LoA	-8,95206627	-0,039	0,312
CHR9	21204128	CHR9:21204128	SSF x Near_LoA	-10,5438533	0,016	0,304
CHR9	21204132	CHR9:21204132	SSF x Near_LoA	-6,5967816	-0,009	0,297
CHR9	21204144	CHR9:21204144	SSF x Near_LoA	-10,8906826	-0,032	0,314
CHR9	21204166	CHR9:21204166	SSF x Near_LoA	-8,63830519	0,055	0,303
CHR9	21205616	CHR9:21205616	SSF x Near_LoA	-8,06468571	-0,062	0,320
CHR9	21214947	CHR9:21214947	SSF x Near_LoA	-10,1029025	-0,083	0,298
CHR9	21214949	CHR9:21214949	SSF x Near_LoA	-8,88261572	0,069	0,302

CHR9	21219199	CHR9:21219199	SSF x Near_LoA	-11,2493698	0,009	0,305
CHR9	21221639	CHR9:21221639	SSF x Near_LoA	-0,70261088	0,020	0,286
CHR9	21222590	CHR9:21222590	SSF x Near_LoA	-9,74724771	0,013	0,303
CHR9	21224423	CHR9:21224423	SSF x Near_LoA	-8,46232251	0,085	0,305
CHR9	21224534	CHR9:21224534	SSF x Near_LoA	-10,5506439	0,109	0,297
CHR9	21243518	CHR9:21243518	SSF x Near_LoA	-11,2440279	-0,084	0,312
CHR9	21254275	CHR9:21254275	SSF x Near_LoA	-10,6523069	0,101	0,300
CHR9	21254281	CHR9:21254281	SSF x Near_LoA	-6,44202406	0,125	0,308
CHR9	21254290	CHR9:21254290	SSF x Near_LoA	-9,4024476	0,109	0,297
CHR9	21254318	CHR9:21254318	SSF x Near_LoA	-10,0932954	-0,021	0,313
CHR9	21258161	CHR9:21258161	SSF x Near_LoA	-10,7862052	0,001	0,301
CHR9	21258196	CHR9:21258196	SSF x Near_LoA	-5,46325138	0,042	0,303
CHR9	21258599	CHR9:21258599	SSF x Near_LoA	-10,692705	0,011	0,308
CHR9	21258639	CHR9:21258639	SSF x Near_LoA	-10,8494556	0,003	0,314
CHR9	21262314	CHR9:21262314	SSF x Near_LoA	-10,2734961	0,074	0,286
CHR9	21262505	CHR9:21262505	SSF x Near_LoA	-7,81889105	-0,105	0,311
CHR9	21264356	CHR9:21264356	SSF x Near_LoA	-10,158242	0,063	0,290
CHR9	21264358	CHR9:21264358	SSF x Near_LoA	-6,74846569	-0,130	0,306
CHR9	21264381	CHR9:21264381	SSF x Near_LoA	-10,8341018	0,043	0,297
CHR9	21264410	CHR9:21264410	SSF x Near_LoA	-8,55966645	0,022	0,314
CHR9	21264417	CHR9:21264417	SSF x Near_LoA	-6,8942503	0,051	0,312
CHR9	21264418	CHR9:21264418	SSF x Near_LoA	-4,30915755	0,039	0,306
CHR9	21264421	CHR9:21264421	SSF x Near_LoA	-3,89003234	0,073	0,308
CHR9	21264424	CHR9:21264424	SSF x Near_LoA	-9,15486935	0,059	0,310
CHR9	21264437	CHR9:21264437	SSF x Near_LoA	-8,74499688	-0,054	0,317
CHR9	21264454	CHR9:21264454	SSF x Near_LoA	-7,78518968	-0,134	0,292
CHR9	21264458	CHR9:21264458	SSF x Near_LoA	-8,06936353	-0,050	0,299
CHR9	21264521	CHR9:21264521	SSF x Near_LoA	-8,7033518	0,059	0,306
CHR9	21269366	CHR9:21269366	SSF x Near_LoA	-9,16108487	0,056	0,309
CHR9	21269367	CHR9:21269367	SSF x Near_LoA	-8,69683067	0,021	0,310
CHR9	21269370	CHR9:21269370	SSF x Near_LoA	-9,71740125	0,002	0,302
CHR9	21286747	CHR9:21286747	SSF x Near_LoA	-7,80984694	0,017	0,309
CHR9	21286757	CHR9:21286757	SSF x Near_LoA	-11,6832273	0,015	0,304
CHR9	21286776	CHR9:21286776	SSF x Near_LoA	-1,55755822	0,148	0,288
CHR9	21286927	CHR9:21286927	SSF x Near_LoA	-5,67195417	0,040	0,310
CHR9	2128822	CHR9:2128822	SSF x Near_LoA	-10,5275919	0,004	0,305
CHR9	2128836	CHR9:2128836	SSF x Near_LoA	-9,38570439	-0,015	0,309
CHR9	21293825	CHR9:21293825	SSF x Near_LoA	-7,96322034	0,021	0,315
CHR9	21294040	CHR9:21294040	SSF x Near_LoA	-9,57802984	0,048	0,310
CHR9	21302266	CHR9:21302266	SSF x Near_LoA	-11,9597809	0,054	0,298
CHR9	21302345	CHR9:21302345	SSF x Near_LoA	-10,5177764	-0,078	0,300
CHR9	21302351	CHR9:21302351	SSF x Near_LoA	0,69167039	-0,139	0,309
CHR9	21306909	CHR9:21306909	SSF x Near_LoA	-7,26536924	-0,005	0,306
CHR9	21307024	CHR9:21307024	SSF x Near_LoA	-8,95743866	0,069	0,298
CHR9	21307027	CHR9:21307027	SSF x Near_LoA	-8,79414795	0,043	0,310
CHR9	21307057	CHR9:21307057	SSF x Near_LoA	-8,44529715	-0,062	0,321
CHR9	21307108	CHR9:21307108	SSF x Near_LoA	-7,54043523	-0,175	0,308
CHR9	21307109	CHR9:21307109	SSF x Near_LoA	0,0191297	-0,177	0,297
CHR9	21307140	CHR9:21307140	SSF x Near_LoA	-11,9132254	0,011	0,319
CHR9	21307148	CHR9:21307148	SSF x Near_LoA	-7,75282417	0,089	0,299
CHR9	21307149	CHR9:21307149	SSF x Near_LoA	-9,47376976	0,025	0,300
CHR9	21307152	CHR9:21307152	SSF x Near_LoA	-8,41012791	0,075	0,308
CHR9	21328100	CHR9:21328100	SSF x Near_LoA	-8,46561323	-0,052	0,303

CHR9	21328101	CHR9:21328101	SSF x Near_LoA	-8,65023178	-0,042	0,304
CHR9	21328129	CHR9:21328129	SSF x Near_LoA	-9,6430447	-0,014	0,295
CHR9	21328142	CHR9:21328142	SSF x Near_LoA	-11,049597	0,097	0,306
CHR9	21328164	CHR9:21328164	SSF x Near_LoA	-6,85868496	0,187	0,298
CHR9	21328167	CHR9:21328167	SSF x Near_LoA	-10,4478404	-0,007	0,312
CHR9	21328175	CHR9:21328175	SSF x Near_LoA	-9,31326652	0,024	0,323
CHR9	21328198	CHR9:21328198	SSF x Near_LoA	-9,23041235	-0,013	0,305
CHR9	21328203	CHR9:21328203	SSF x Near_LoA	-10,8139223	-0,029	0,311
CHR9	21328226	CHR9:21328226	SSF x Near_LoA	-8,19553171	0,125	0,299
CHR9	21341904	CHR9:21341904	SSF x Near_LoA	-8,20989095	0,117	0,325
CHR9	21352381	CHR9:21352381	SSF x Near_LoA	-10,2515818	-0,042	0,305
CHR9	21352384	CHR9:21352384	SSF x Near_LoA	-8,58145345	-0,015	0,316
CHR9	21352394	CHR9:21352394	SSF x Near_LoA	-8,44129207	-0,136	0,312
CHR9	21352414	CHR9:21352414	SSF x Near_LoA	-7,02395752	0,080	0,299
CHR9	21352717	CHR9:21352717	SSF x Near_LoA	-11,4994964	0,024	0,310
CHR9	213576	CHR9:213576	SSF x Near_LoA	-9,5368742	0,107	0,307
CHR9	21360230	CHR9:21360230	SSF x Near_LoA	-10,9856363	0,122	0,309
CHR9	21360285	CHR9:21360285	SSF x Near_LoA	-5,05463882	0,056	0,299
CHR9	21360292	CHR9:21360292	SSF x Near_LoA	-9,18967007	0,082	0,293
CHR9	21360561	CHR9:21360561	SSF x Near_LoA	-10,6628437	-0,021	0,309
CHR9	2136547	CHR9:2136547	SSF x Near_LoA	-10,0817334	-0,029	0,303
CHR9	21365516	CHR9:21365516	SSF x Near_LoA	-8,08707393	-0,042	0,313
CHR9	21370840	CHR9:21370840	SSF x Near_LoA	-9,02980678	0,081	0,300
CHR9	21370852	CHR9:21370852	SSF x Near_LoA	-12,204109	-0,026	0,293
CHR9	21370923	CHR9:21370923	SSF x Near_LoA	-8,59046512	0,092	0,297
CHR9	21370925	CHR9:21370925	SSF x Near_LoA	-8,56263019	0,067	0,313
CHR9	21371020	CHR9:21371020	SSF x Near_LoA	-6,36801126	0,108	0,302
CHR9	21371085	CHR9:21371085	SSF x Near_LoA	-8,74139668	0,002	0,313
CHR9	21373995	CHR9:21373995	SSF x Near_LoA	-9,76186934	-0,009	0,292
CHR9	21380506	CHR9:21380506	SSF x Near_LoA	-7,19823063	0,090	0,311
CHR9	21380539	CHR9:21380539	SSF x Near_LoA	-6,90751338	-0,135	0,322
CHR9	21410997	CHR9:21410997	SSF x Near_LoA	-9,90984644	-0,037	0,311
CHR9	21416039	CHR9:21416039	SSF x Near_LoA	-9,53667472	-0,103	0,296
CHR9	21416116	CHR9:21416116	SSF x Near_LoA	-8,4246086	0,021	0,319
CHR9	21416150	CHR9:21416150	SSF x Near_LoA	-8,23996402	0,038	0,318
CHR9	21417058	CHR9:21417058	SSF x Near_LoA	-7,62336109	0,135	0,309
CHR9	21418349	CHR9:21418349	SSF x Near_LoA	-10,5557177	-0,065	0,317
CHR9	21423884	CHR9:21423884	SSF x Near_LoA	-8,96043736	0,075	0,302
CHR9	21424010	CHR9:21424010	SSF x Near_LoA	-6,25965789	0,132	0,303
CHR9	21426536	CHR9:21426536	SSF x Near_LoA	-8,72085612	0,028	0,300
CHR9	21426537	CHR9:21426537	SSF x Near_LoA	-7,67616847	0,002	0,311
CHR9	21426638	CHR9:21426638	SSF x Near_LoA	-9,97935766	0,026	0,302
CHR9	21435571	CHR9:21435571	SSF x Near_LoA	-10,5227941	-0,003	0,290
CHR9	21435572	CHR9:21435572	SSF x Near_LoA	-7,04304707	0,044	0,302
CHR9	21435587	CHR9:21435587	SSF x Near_LoA	-9,4206453	0,052	0,304
CHR9	21435588	CHR9:21435588	SSF x Near_LoA	-7,54814163	0,015	0,299
CHR9	21435589	CHR9:21435589	SSF x Near_LoA	5,55980448	-0,019	0,316
CHR9	21435628	CHR9:21435628	SSF x Near_LoA	-10,1490861	-0,048	0,309
CHR9	21435629	CHR9:21435629	SSF x Near_LoA	-10,9397567	-0,019	0,321
CHR9	21435641	CHR9:21435641	SSF x Near_LoA	-10,8628763	-0,019	0,307
CHR9	21435667	CHR9:21435667	SSF x Near_LoA	-9,24064663	-0,020	0,312
CHR9	21435682	CHR9:21435682	SSF x Near_LoA	-7,04516109	-0,032	0,312
CHR9	21435769	CHR9:21435769	SSF x Near_LoA	-10,8207934	0,041	0,315

CHR9	21435822	CHR9:21435822	SSF x Near_LoA	-4,88586887	-0,117	0,304
CHR9	21435830	CHR9:21435830	SSF x Near_LoA	-11,6169758	-0,019	0,309
CHR9	21442430	CHR9:21442430	SSF x Near_LoA	-7,58513142	-0,058	0,315
CHR9	21453575	CHR9:21453575	SSF x Near_LoA	-8,88678414	0,017	0,315
CHR9	21453603	CHR9:21453603	SSF x Near_LoA	-10,0624372	-0,020	0,289
CHR9	21453610	CHR9:21453610	SSF x Near_LoA	-9,10188772	0,033	0,297
CHR9	21453650	CHR9:21453650	SSF x Near_LoA	-9,57534777	-0,021	0,317
CHR9	21453656	CHR9:21453656	SSF x Near_LoA	-9,39994294	-0,030	0,300
CHR9	21453684	CHR9:21453684	SSF x Near_LoA	-10,5548921	0,048	0,299
CHR9	21453765	CHR9:21453765	SSF x Near_LoA	-11,3668882	0,052	0,312
CHR9	21453799	CHR9:21453799	SSF x Near_LoA	-8,07364269	-0,030	0,306
CHR9	21453808	CHR9:21453808	SSF x Near_LoA	-8,52485397	-0,079	0,311
CHR9	21453815	CHR9:21453815	SSF x Near_LoA	-10,8243115	0,026	0,304
CHR9	21453821	CHR9:21453821	SSF x Near_LoA	-8,687872	-0,009	0,311
CHR9	2145945	CHR9:2145945	SSF x Near_LoA	-7,59159169	0,039	0,311
CHR9	2145956	CHR9:2145956	SSF x Near_LoA	-10,4405195	0,054	0,301
CHR9	2146086	CHR9:2146086	SSF x Near_LoA	-8,28297708	0,098	0,313
CHR9	21463014	CHR9:21463014	SSF x Near_LoA	-9,4088755	0,024	0,323
CHR9	21463044	CHR9:21463044	SSF x Near_LoA	-9,57737355	-0,087	0,323
CHR9	21463136	CHR9:21463136	SSF x Near_LoA	-4,95870573	0,147	0,300
CHR9	21463146	CHR9:21463146	SSF x Near_LoA	-9,40650558	-0,048	0,306
CHR9	21463173	CHR9:21463173	SSF x Near_LoA	-7,6972569	-0,040	0,319
CHR9	21482041	CHR9:21482041	SSF x Near_LoA	-9,79202437	0,023	0,307
CHR9	21482046	CHR9:21482046	SSF x Near_LoA	-9,1335211	-0,008	0,322
CHR9	21482095	CHR9:21482095	SSF x Near_LoA	-8,29850123	0,037	0,322
CHR9	21482096	CHR9:21482096	SSF x Near_LoA	-10,6357153	0,014	0,318
CHR9	21486154	CHR9:21486154	SSF x Near_LoA	1,49300746	-0,042	0,315
CHR9	21486166	CHR9:21486166	SSF x Near_LoA	-7,74359275	0,120	0,298
CHR9	21486170	CHR9:21486170	SSF x Near_LoA	-7,64824437	-0,115	0,303
CHR9	21486175	CHR9:21486175	SSF x Near_LoA	-7,6333152	0,028	0,310
CHR9	21486203	CHR9:21486203	SSF x Near_LoA	-11,3097245	0,022	0,306
CHR9	2149124	CHR9:2149124	SSF x Near_LoA	-9,21719238	0,088	0,315
CHR9	21498985	CHR9:21498985	SSF x Near_LoA	-9,22141516	0,011	0,301
CHR9	21498992	CHR9:21498992	SSF x Near_LoA	-12,0694812	0,009	0,304
CHR9	21499024	CHR9:21499024	SSF x Near_LoA	-10,4374498	-0,006	0,317
CHR9	21499681	CHR9:21499681	SSF x Near_LoA	-9,32576423	0,036	0,309
CHR9	21499684	CHR9:21499684	SSF x Near_LoA	-9,32480855	-0,112	0,309
CHR9	21500785	CHR9:21500785	SSF x Near_LoA	-8,79412834	0,019	0,321
CHR9	21507888	CHR9:21507888	SSF x Near_LoA	-11,0780263	0,002	0,312
CHR9	21507891	CHR9:21507891	SSF x Near_LoA	-7,89504616	0,133	0,307
CHR9	21507946	CHR9:21507946	SSF x Near_LoA	-6,08374152	-0,057	0,298
CHR9	21507963	CHR9:21507963	SSF x Near_LoA	-12,144527	0,020	0,313
CHR9	21507986	CHR9:21507986	SSF x Near_LoA	-5,21331801	0,086	0,313
CHR9	21517396	CHR9:21517396	SSF x Near_LoA	-8,6049393	-0,037	0,299
CHR9	21539184	CHR9:21539184	SSF x Near_LoA	-7,14528017	-0,100	0,291
CHR9	21539230	CHR9:21539230	SSF x Near_LoA	-8,20175444	-0,074	0,305
CHR9	21539292	CHR9:21539292	SSF x Near_LoA	-6,82031307	-0,134	0,300
CHR9	21539392	CHR9:21539392	SSF x Near_LoA	-10,0775652	0,041	0,293
CHR9	21542188	CHR9:21542188	SSF x Near_LoA	-9,72124787	0,039	0,295
CHR9	21542213	CHR9:21542213	SSF x Near_LoA	-11,4294499	-0,030	0,299
CHR9	21544988	CHR9:21544988	SSF x Near_LoA	-8,67363803	0,128	0,299
CHR9	2154574	CHR9:2154574	SSF x Near_LoA	-10,01006	-0,068	0,309
CHR9	2154616	CHR9:2154616	SSF x Near_LoA	-6,46793899	-0,070	0,311

CHR9	2154713	CHR9:2154713	SSF x Near_LoA	-9,54210374	-0,061	0,318
CHR9	2154792	CHR9:2154792	SSF x Near_LoA	-9,63912805	-0,010	0,313
CHR9	21550892	CHR9:21550892	SSF x Near_LoA	-9,84702814	-0,107	0,301
CHR9	21551033	CHR9:21551033	SSF x Near_LoA	-10,0300227	0,028	0,324
CHR9	21552313	CHR9:21552313	SSF x Near_LoA	-7,59725371	-0,130	0,307
CHR9	21559532	CHR9:21559532	SSF x Near_LoA	-9,08903943	-0,176	0,295
CHR9	21559535	CHR9:21559535	SSF x Near_LoA	-6,33268609	-0,183	0,307
CHR9	21559554	CHR9:21559554	SSF x Near_LoA	-7,06533921	-0,175	0,301
CHR9	21559571	CHR9:21559571	SSF x Near_LoA	-7,53248681	-0,145	0,302
CHR9	21559626	CHR9:21559626	SSF x Near_LoA	-8,3344632	-0,028	0,305
CHR9	21559635	CHR9:21559635	SSF x Near_LoA	-8,95541087	0,046	0,305
CHR9	21559636	CHR9:21559636	SSF x Near_LoA	-9,23385397	0,023	0,295
CHR9	21559681	CHR9:21559681	SSF x Near_LoA	-10,2544992	-0,024	0,307
CHR9	21559685	CHR9:21559685	SSF x Near_LoA	-7,94358622	0,011	0,309
CHR9	21559706	CHR9:21559706	SSF x Near_LoA	-7,44841497	0,029	0,309
CHR9	21559708	CHR9:21559708	SSF x Near_LoA	-8,70408195	0,021	0,310
CHR9	21559722	CHR9:21559722	SSF x Near_LoA	-9,20103827	-0,039	0,305
CHR9	21559738	CHR9:21559738	SSF x Near_LoA	-9,29304026	0,028	0,302
CHR9	21559747	CHR9:21559747	SSF x Near_LoA	-9,91415828	0,116	0,299
CHR9	21561376	CHR9:21561376	SSF x Near_LoA	-12,3255141	-0,031	0,302
CHR9	21561404	CHR9:21561404	SSF x Near_LoA	-8,1030287	0,073	0,304
CHR9	21561429	CHR9:21561429	SSF x Near_LoA	-9,18123841	-0,021	0,309
CHR9	21561438	CHR9:21561438	SSF x Near_LoA	-10,1006962	-0,055	0,296
CHR9	21561521	CHR9:21561521	SSF x Near_LoA	-6,24169974	0,159	0,300
CHR9	21561524	CHR9:21561524	SSF x Near_LoA	-7,41251761	0,134	0,293
CHR9	21561564	CHR9:21561564	SSF x Near_LoA	-7,79017712	0,134	0,314
CHR9	21571513	CHR9:21571513	SSF x Near_LoA	-10,2744134	0,013	0,298
CHR9	21571593	CHR9:21571593	SSF x Near_LoA	-9,58403862	0,121	0,305
CHR9	21571599	CHR9:21571599	SSF x Near_LoA	-9,15074342	-0,048	0,313
CHR9	21579428	CHR9:21579428	SSF x Near_LoA	-8,39005807	-0,012	0,309
CHR9	21579457	CHR9:21579457	SSF x Near_LoA	-7,83507366	-0,089	0,306
CHR9	21579675	CHR9:21579675	SSF x Near_LoA	-8,69995268	-0,017	0,314
CHR9	21595055	CHR9:21595055	SSF x Near_LoA	-10,1312209	-0,128	0,299
CHR9	21595916	CHR9:21595916	SSF x Near_LoA	-8,80806325	-0,036	0,301
CHR9	21605765	CHR9:21605765	SSF x Near_LoA	-7,89431322	0,158	0,291
CHR9	21620552	CHR9:21620552	SSF x Near_LoA	-8,97474944	0,074	0,312
CHR9	21620692	CHR9:21620692	SSF x Near_LoA	-8,38085895	-0,060	0,311
CHR9	21620828	CHR9:21620828	SSF x Near_LoA	-9,23940139	0,047	0,303
CHR9	2162977	CHR9:2162977	SSF x Near_LoA	-9,20700809	0,078	0,306
CHR9	21640194	CHR9:21640194	SSF x Near_LoA	-8,28609006	0,086	0,318
CHR9	21645992	CHR9:21645992	SSF x Near_LoA	-8,50228552	0,030	0,319
CHR9	21646028	CHR9:21646028	SSF x Near_LoA	-11,6497187	0,048	0,316
CHR9	21646067	CHR9:21646067	SSF x Near_LoA	-10,0371488	-0,058	0,303
CHR9	21646080	CHR9:21646080	SSF x Near_LoA	-11,7480021	-0,056	0,297
CHR9	21646082	CHR9:21646082	SSF x Near_LoA	-7,73605236	0,023	0,299
CHR9	2164636	CHR9:2164636	SSF x Near_LoA	-10,96578	-0,048	0,310
CHR9	2164652	CHR9:2164652	SSF x Near_LoA	-10,0700218	0,009	0,312
CHR9	21648244	CHR9:21648244	SSF x Near_LoA	-7,83062196	0,068	0,307
CHR9	21648252	CHR9:21648252	SSF x Near_LoA	-8,88858312	0,115	0,290
CHR9	21648525	CHR9:21648525	SSF x Near_LoA	-8,5269109	0,032	0,319
CHR9	21651987	CHR9:21651987	SSF x Near_LoA	-10,7450892	0,063	0,294
CHR9	21652210	CHR9:21652210	SSF x Near_LoA	-3,31152413	-0,018	0,307
CHR9	21655140	CHR9:21655140	SSF x Near_LoA	-9,20436003	-0,011	0,289

CHR9	21655141	CHR9:21655141	SSF x Near_LoA	-9,22992405	-0,130	0,312
CHR9	21655225	CHR9:21655225	SSF x Near_LoA	-11,5235948	0,058	0,302
CHR9	21655317	CHR9:21655317	SSF x Near_LoA	-4,03733889	0,115	0,289
CHR9	21658325	CHR9:21658325	SSF x Near_LoA	-8,0208407	0,000	0,309
CHR9	21663234	CHR9:21663234	SSF x Near_LoA	-9,88450838	0,037	0,290
CHR9	21663304	CHR9:21663304	SSF x Near_LoA	-10,5876308	0,019	0,313
CHR9	21663306	CHR9:21663306	SSF x Near_LoA	-10,2985743	0,001	0,294
CHR9	21663354	CHR9:21663354	SSF x Near_LoA	-7,75325154	0,026	0,319
CHR9	21666839	CHR9:21666839	SSF x Near_LoA	-8,7776862	0,111	0,312
CHR9	21666844	CHR9:21666844	SSF x Near_LoA	-7,53092209	0,123	0,315
CHR9	21666880	CHR9:21666880	SSF x Near_LoA	-7,66262154	-0,098	0,307
CHR9	21666883	CHR9:21666883	SSF x Near_LoA	-6,53669611	-0,111	0,307
CHR9	21666888	CHR9:21666888	SSF x Near_LoA	-11,0790837	-0,075	0,277
CHR9	2167355	CHR9:2167355	SSF x Near_LoA	-4,52347954	0,121	0,302
CHR9	21679161	CHR9:21679161	SSF x Near_LoA	-8,27558178	-0,050	0,317
CHR9	21679190	CHR9:21679190	SSF x Near_LoA	-9,61827008	-0,006	0,317
CHR9	21679227	CHR9:21679227	SSF x Near_LoA	-7,99074823	0,130	0,310
CHR9	21679324	CHR9:21679324	SSF x Near_LoA	0,1668307	0,150	0,306
CHR9	21679354	CHR9:21679354	SSF x Near_LoA	-8,02507034	0,033	0,304
CHR9	21679371	CHR9:21679371	SSF x Near_LoA	-9,51417407	0,002	0,295
CHR9	21688033	CHR9:21688033	SSF x Near_LoA	-8,1818771	0,112	0,296
CHR9	21688043	CHR9:21688043	SSF x Near_LoA	-8,45905294	-0,050	0,311
CHR9	21688045	CHR9:21688045	SSF x Near_LoA	-9,35882411	0,020	0,295
CHR9	21688056	CHR9:21688056	SSF x Near_LoA	-8,06153406	-0,001	0,305
CHR9	21697379	CHR9:21697379	SSF x Near_LoA	-6,49969328	-0,137	0,310
CHR9	21697427	CHR9:21697427	SSF x Near_LoA	-9,37087205	-0,161	0,302
CHR9	21697459	CHR9:21697459	SSF x Near_LoA	-11,366634	-0,030	0,302
CHR9	21697466	CHR9:21697466	SSF x Near_LoA	-4,81243668	0,086	0,307
CHR9	21697467	CHR9:21697467	SSF x Near_LoA	-10,2115519	-0,002	0,317
CHR9	21714222	CHR9:21714222	SSF x Near_LoA	-4,91694726	-0,066	0,308
CHR9	21714232	CHR9:21714232	SSF x Near_LoA	-7,68283438	-0,069	0,307
CHR9	21714506	CHR9:21714506	SSF x Near_LoA	-10,5165572	-0,002	0,315
CHR9	21728489	CHR9:21728489	SSF x Near_LoA	-7,70248002	0,141	0,288
CHR9	21728554	CHR9:21728554	SSF x Near_LoA	-8,09999668	0,051	0,320
CHR9	21728565	CHR9:21728565	SSF x Near_LoA	-7,55604874	-0,140	0,310
CHR9	21728598	CHR9:21728598	SSF x Near_LoA	3,95498532	-0,155	0,299
CHR9	21728612	CHR9:21728612	SSF x Near_LoA	-6,20719607	-0,171	0,289
CHR9	21730091	CHR9:21730091	SSF x Near_LoA	-9,01256446	0,029	0,297
CHR9	21730092	CHR9:21730092	SSF x Near_LoA	-9,8452047	0,017	0,315
CHR9	21731317	CHR9:21731317	SSF x Near_LoA	-10,6745155	0,035	0,301
CHR9	21732373	CHR9:21732373	SSF x Near_LoA	-2,06641955	0,127	0,301
CHR9	21732457	CHR9:21732457	SSF x Near_LoA	-9,48884308	-0,157	0,300
CHR9	21732461	CHR9:21732461	SSF x Near_LoA	-10,7926122	0,067	0,298
CHR9	21732471	CHR9:21732471	SSF x Near_LoA	-9,00981118	0,080	0,317
CHR9	21750087	CHR9:21750087	SSF x Near_LoA	-9,02981186	0,103	0,308
CHR9	2175290	CHR9:2175290	SSF x Near_LoA	-7,24721261	-0,116	0,300
CHR9	21754417	CHR9:21754417	SSF x Near_LoA	-10,1863047	-0,080	0,314
CHR9	21754473	CHR9:21754473	SSF x Near_LoA	-9,60402922	0,014	0,302
CHR9	21754512	CHR9:21754512	SSF x Near_LoA	-10,9343375	-0,134	0,302
CHR9	21754560	CHR9:21754560	SSF x Near_LoA	-5,58353404	0,146	0,301
CHR9	21754578	CHR9:21754578	SSF x Near_LoA	-10,1270686	-0,059	0,319
CHR9	21754640	CHR9:21754640	SSF x Near_LoA	-10,5939757	-0,064	0,314
CHR9	21755684	CHR9:21755684	SSF x Near_LoA	-9,30207384	0,018	0,298

CHR9	21755687	CHR9:21755687	SSF x Near_LoA	-11,9822567	-0,018	0,296
CHR9	21762072	CHR9:21762072	SSF x Near_LoA	-5,98821508	0,263	0,282
CHR9	21762129	CHR9:21762129	SSF x Near_LoA	-10,9052824	-0,023	0,304
CHR9	21767701	CHR9:21767701	SSF x Near_LoA	-9,47978936	-0,087	0,299
CHR9	21767753	CHR9:21767753	SSF x Near_LoA	-8,7043665	-0,027	0,307
CHR9	21774163	CHR9:21774163	SSF x Near_LoA	-7,40495488	-0,123	0,310
CHR9	21774343	CHR9:21774343	SSF x Near_LoA	-9,17126165	0,087	0,301
CHR9	21774366	CHR9:21774366	SSF x Near_LoA	-9,90977449	-0,020	0,304
CHR9	21774422	CHR9:21774422	SSF x Near_LoA	-8,62416066	-0,029	0,320
CHR9	21774424	CHR9:21774424	SSF x Near_LoA	-8,79581699	-0,019	0,310
CHR9	21774455	CHR9:21774455	SSF x Near_LoA	-9,4908771	0,118	0,297
CHR9	21775319	CHR9:21775319	SSF x Near_LoA	-5,66663232	-0,162	0,313
CHR9	21775321	CHR9:21775321	SSF x Near_LoA	-6,00764214	-0,154	0,300
CHR9	21775440	CHR9:21775440	SSF x Near_LoA	-6,91183873	-0,035	0,329
CHR9	21779176	CHR9:21779176	SSF x Near_LoA	-10,4414632	0,003	0,316
CHR9	21779226	CHR9:21779226	SSF x Near_LoA	-7,97999582	0,008	0,307
CHR9	21779249	CHR9:21779249	SSF x Near_LoA	-9,8696741	-0,033	0,309
CHR9	21779336	CHR9:21779336	SSF x Near_LoA	-10,4760882	0,012	0,309
CHR9	2178802	CHR9:2178802	SSF x Near_LoA	-8,72363616	0,064	0,302
CHR9	21807477	CHR9:21807477	SSF x Near_LoA	-7,64175136	-0,087	0,328
CHR9	21807481	CHR9:21807481	SSF x Near_LoA	-10,9909281	0,077	0,298
CHR9	21807587	CHR9:21807587	SSF x Near_LoA	-8,362156	0,009	0,305
CHR9	21818256	CHR9:21818256	SSF x Near_LoA	-9,83572089	0,077	0,320
CHR9	21818264	CHR9:21818264	SSF x Near_LoA	-11,1318469	-0,044	0,313
CHR9	21818337	CHR9:21818337	SSF x Near_LoA	-11,294165	-0,077	0,299
CHR9	21818402	CHR9:21818402	SSF x Near_LoA	-9,64185862	0,064	0,317
CHR9	21824257	CHR9:21824257	SSF x Near_LoA	-8,52639653	-0,093	0,307
CHR9	21829293	CHR9:21829293	SSF x Near_LoA	-8,28518237	-0,026	0,311
CHR9	21838912	CHR9:21838912	SSF x Near_LoA	-11,6795913	0,028	0,312
CHR9	21838928	CHR9:21838928	SSF x Near_LoA	-11,0758812	-0,034	0,293
CHR9	21843677	CHR9:21843677	SSF x Near_LoA	-11,7871202	0,063	0,308
CHR9	21843691	CHR9:21843691	SSF x Near_LoA	-8,38236232	0,049	0,308
CHR9	21843884	CHR9:21843884	SSF x Near_LoA	-10,862255	0,010	0,315
CHR9	21845250	CHR9:21845250	SSF x Near_LoA	-8,81694917	-0,021	0,317
CHR9	21845254	CHR9:21845254	SSF x Near_LoA	-10,0580587	-0,011	0,307
CHR9	21845309	CHR9:21845309	SSF x Near_LoA	-11,8713392	0,044	0,291
CHR9	21845392	CHR9:21845392	SSF x Near_LoA	-10,3098477	-0,052	0,301
CHR9	21845508	CHR9:21845508	SSF x Near_LoA	-9,82278338	-0,010	0,304
CHR9	21852507	CHR9:21852507	SSF x Near_LoA	-8,48377297	0,092	0,314
CHR9	21852555	CHR9:21852555	SSF x Near_LoA	-9,62539952	0,008	0,313
CHR9	21852556	CHR9:21852556	SSF x Near_LoA	-9,82039638	-0,088	0,312
CHR9	21852574	CHR9:21852574	SSF x Near_LoA	-8,86409565	0,084	0,313
CHR9	21854870	CHR9:21854870	SSF x Near_LoA	-9,68884042	0,047	0,306
CHR9	21854909	CHR9:21854909	SSF x Near_LoA	-6,78832861	-0,069	0,326
CHR9	21854910	CHR9:21854910	SSF x Near_LoA	-12,0155107	-0,060	0,298
CHR9	21855550	CHR9:21855550	SSF x Near_LoA	-9,82282649	0,000	0,305
CHR9	21855596	CHR9:21855596	SSF x Near_LoA	-9,41608746	-0,034	0,287
CHR9	21857366	CHR9:21857366	SSF x Near_LoA	-7,11895157	0,122	0,311
CHR9	2186742	CHR9:2186742	SSF x Near_LoA	-10,1464923	0,020	0,305
CHR9	2186859	CHR9:2186859	SSF x Near_LoA	-10,1490911	-0,004	0,291
CHR9	21868803	CHR9:21868803	SSF x Near_LoA	-9,02967769	-0,116	0,289
CHR9	21868826	CHR9:21868826	SSF x Near_LoA	-10,3139803	0,011	0,310
CHR9	21868846	CHR9:21868846	SSF x Near_LoA	-6,33116876	0,089	0,298

CHR9	21868848	CHR9:21868848	SSF x Near_LoA	-7,73985847	-0,042	0,307
CHR9	21868916	CHR9:21868916	SSF x Near_LoA	-9,43405668	-0,011	0,324
CHR9	21868969	CHR9:21868969	SSF x Near_LoA	-10,2725814	0,062	0,312
CHR9	21872075	CHR9:21872075	SSF x Near_LoA	-8,59887622	0,104	0,302
CHR9	21881314	CHR9:21881314	SSF x Near_LoA	-8,71725417	0,027	0,308
CHR9	21881322	CHR9:21881322	SSF x Near_LoA	-10,6828038	-0,047	0,303
CHR9	21881331	CHR9:21881331	SSF x Near_LoA	-9,75308608	-0,028	0,304
CHR9	21881352	CHR9:21881352	SSF x Near_LoA	-7,57120439	0,013	0,306
CHR9	21881365	CHR9:21881365	SSF x Near_LoA	-9,87255445	0,036	0,292
CHR9	21881413	CHR9:21881413	SSF x Near_LoA	-8,05471882	0,006	0,310
CHR9	21881436	CHR9:21881436	SSF x Near_LoA	-9,80602711	0,018	0,299
CHR9	21881441	CHR9:21881441	SSF x Near_LoA	-8,1687075	-0,051	0,319
CHR9	21881460	CHR9:21881460	SSF x Near_LoA	-9,04052601	-0,016	0,299
CHR9	21881465	CHR9:21881465	SSF x Near_LoA	-8,47838253	0,070	0,298
CHR9	21881466	CHR9:21881466	SSF x Near_LoA	-10,6927213	-0,017	0,309
CHR9	21881473	CHR9:21881473	SSF x Near_LoA	-10,1414415	0,022	0,315
CHR9	21881474	CHR9:21881474	SSF x Near_LoA	-9,7430778	-0,046	0,310
CHR9	21881499	CHR9:21881499	SSF x Near_LoA	-8,17868993	-0,172	0,302
CHR9	21881532	CHR9:21881532	SSF x Near_LoA	-8,43606903	-0,120	0,302
CHR9	21881535	CHR9:21881535	SSF x Near_LoA	-8,84228904	0,042	0,311
CHR9	21889109	CHR9:21889109	SSF x Near_LoA	-9,2876509	-0,017	0,310
CHR9	21889119	CHR9:21889119	SSF x Near_LoA	-10,2472789	-0,003	0,282
CHR9	21889138	CHR9:21889138	SSF x Near_LoA	-4,71732683	-0,105	0,320
CHR9	21889171	CHR9:21889171	SSF x Near_LoA	-7,65198126	-0,159	0,312
CHR9	21889255	CHR9:21889255	SSF x Near_LoA	-9,2411619	-0,058	0,299
CHR9	21889335	CHR9:21889335	SSF x Near_LoA	-6,31463488	-0,056	0,311
CHR9	21889342	CHR9:21889342	SSF x Near_LoA	-9,4391474	-0,031	0,327
CHR9	21897508	CHR9:21897508	SSF x Near_LoA	-4,55505479	0,032	0,317
CHR9	21897673	CHR9:21897673	SSF x Near_LoA	-8,75381234	-0,017	0,313
CHR9	2190048	CHR9:2190048	SSF x Near_LoA	-11,0424101	-0,066	0,293
CHR9	2190068	CHR9:2190068	SSF x Near_LoA	-5,82938832	0,025	0,309
CHR9	21901619	CHR9:21901619	SSF x Near_LoA	-10,9483934	-0,026	0,297
CHR9	21901655	CHR9:21901655	SSF x Near_LoA	-9,63394693	0,026	0,291
CHR9	2190167	CHR9:2190167	SSF x Near_LoA	-8,37055891	0,004	0,309
CHR9	21901717	CHR9:21901717	SSF x Near_LoA	-9,95351678	0,017	0,310
CHR9	21901880	CHR9:21901880	SSF x Near_LoA	-9,09430264	-0,039	0,320
CHR9	21901927	CHR9:21901927	SSF x Near_LoA	-8,79249527	-0,122	0,305
CHR9	2190282	CHR9:2190282	SSF x Near_LoA	-11,7735564	0,002	0,313
CHR9	21919138	CHR9:21919138	SSF x Near_LoA	-8,96826029	-0,121	0,314
CHR9	21919143	CHR9:21919143	SSF x Near_LoA	-9,05524185	0,047	0,317
CHR9	21919181	CHR9:21919181	SSF x Near_LoA	-9,42625727	0,026	0,309
CHR9	21919197	CHR9:21919197	SSF x Near_LoA	-9,65533127	-0,067	0,308
CHR9	21919205	CHR9:21919205	SSF x Near_LoA	-9,84361804	-0,048	0,317
CHR9	21919266	CHR9:21919266	SSF x Near_LoA	-7,98950435	0,098	0,291
CHR9	21919269	CHR9:21919269	SSF x Near_LoA	-8,51546509	-0,032	0,315
CHR9	21919306	CHR9:21919306	SSF x Near_LoA	-8,58171199	-0,129	0,296
CHR9	21940974	CHR9:21940974	SSF x Near_LoA	-8,342208	0,090	0,319
CHR9	21941288	CHR9:21941288	SSF x Near_LoA	-8,80105521	-0,114	0,312
CHR9	21941355	CHR9:21941355	SSF x Near_LoA	-11,7187021	0,001	0,308
CHR9	21960029	CHR9:21960029	SSF x Near_LoA	-6,396261	-0,110	0,295
CHR9	21960030	CHR9:21960030	SSF x Near_LoA	-4,94593043	0,085	0,302
CHR9	21960031	CHR9:21960031	SSF x Near_LoA	-8,58658994	-0,126	0,308
CHR9	21961954	CHR9:21961954	SSF x Near_LoA	-8,62793337	0,048	0,308

CHR9	21973225	CHR9:21973225	SSF x Near_LoA	-8,19308018	0,060	0,301
CHR9	21973274	CHR9:21973274	SSF x Near_LoA	2,50713354	0,115	0,313
CHR9	21976789	CHR9:21976789	SSF x Near_LoA	-11,0314335	0,123	0,298
CHR9	21976794	CHR9:21976794	SSF x Near_LoA	-8,7516272	0,103	0,302
CHR9	21976834	CHR9:21976834	SSF x Near_LoA	-9,4033439	0,043	0,291
CHR9	21976869	CHR9:21976869	SSF x Near_LoA	-9,31387098	0,020	0,301
CHR9	21976905	CHR9:21976905	SSF x Near_LoA	-9,82146514	0,005	0,300
CHR9	21976913	CHR9:21976913	SSF x Near_LoA	-7,69757613	0,044	0,314
CHR9	21976932	CHR9:21976932	SSF x Near_LoA	-6,31132137	-0,093	0,317
CHR9	21976947	CHR9:21976947	SSF x Near_LoA	-7,66592816	0,101	0,286
CHR9	21976948	CHR9:21976948	SSF x Near_LoA	-8,60224178	0,109	0,304
CHR9	21979585	CHR9:21979585	SSF x Near_LoA	-9,47703744	-0,047	0,325
CHR9	21979618	CHR9:21979618	SSF x Near_LoA	-9,61230942	-0,102	0,298
CHR9	21979626	CHR9:21979626	SSF x Near_LoA	-10,1229583	-0,129	0,300
CHR9	21989368	CHR9:21989368	SSF x Near_LoA	-9,48241989	0,104	0,315
CHR9	21989489	CHR9:21989489	SSF x Near_LoA	-9,6230369	-0,052	0,288
CHR9	21989497	CHR9:21989497	SSF x Near_LoA	-5,32884473	-0,044	0,297
CHR9	21998437	CHR9:21998437	SSF x Near_LoA	-11,6135873	0,034	0,306
CHR9	21998465	CHR9:21998465	SSF x Near_LoA	-7,85288301	0,131	0,315
CHR9	21998499	CHR9:21998499	SSF x Near_LoA	-9,33259794	-0,030	0,301
CHR9	21998540	CHR9:21998540	SSF x Near_LoA	-7,56208305	0,011	0,314
CHR9	21998542	CHR9:21998542	SSF x Near_LoA	-12,2888135	-0,041	0,302
CHR9	21998589	CHR9:21998589	SSF x Near_LoA	-10,0762508	0,112	0,296
CHR9	21998630	CHR9:21998630	SSF x Near_LoA	-8,93588369	-0,008	0,310
CHR9	21998632	CHR9:21998632	SSF x Near_LoA	-8,5382543	-0,009	0,304
CHR9	21998634	CHR9:21998634	SSF x Near_LoA	-9,15182827	-0,023	0,309
CHR9	21998666	CHR9:21998666	SSF x Near_LoA	-10,6842854	0,075	0,316
CHR9	21998676	CHR9:21998676	SSF x Near_LoA	-4,75491916	-0,085	0,309
CHR9	21998680	CHR9:21998680	SSF x Near_LoA	-12,1298511	0,039	0,295
CHR9	21998681	CHR9:21998681	SSF x Near_LoA	-9,6374348	0,013	0,309
CHR9	21998726	CHR9:21998726	SSF x Near_LoA	-10,543705	-0,026	0,312
CHR9	21998755	CHR9:21998755	SSF x Near_LoA	-11,2884766	-0,010	0,314
CHR9	22012884	CHR9:22012884	SSF x Near_LoA	-9,1974108	0,053	0,302
CHR9	22015939	CHR9:22015939	SSF x Near_LoA	-7,33055595	0,145	0,301
CHR9	22015964	CHR9:22015964	SSF x Near_LoA	-4,96179143	-0,113	0,302
CHR9	22016013	CHR9:22016013	SSF x Near_LoA	-10,4494631	0,063	0,292
CHR9	22017154	CHR9:22017154	SSF x Near_LoA	-9,95284549	-0,029	0,317
CHR9	22017189	CHR9:22017189	SSF x Near_LoA	-9,56901091	-0,042	0,302
CHR9	22018232	CHR9:22018232	SSF x Near_LoA	-8,55351446	0,033	0,320
CHR9	22018263	CHR9:22018263	SSF x Near_LoA	-11,7872012	0,035	0,314
CHR9	22018264	CHR9:22018264	SSF x Near_LoA	-11,9384334	0,047	0,303
CHR9	22018272	CHR9:22018272	SSF x Near_LoA	-7,56287984	-0,139	0,300
CHR9	22018331	CHR9:22018331	SSF x Near_LoA	-8,65708223	0,099	0,302
CHR9	22023246	CHR9:22023246	SSF x Near_LoA	-6,39096002	-0,099	0,311
CHR9	22023303	CHR9:22023303	SSF x Near_LoA	-9,96759363	-0,101	0,310
CHR9	2202394	CHR9:2202394	SSF x Near_LoA	-6,51321556	-0,134	0,312
CHR9	2202471	CHR9:2202471	SSF x Near_LoA	-8,68111672	-0,059	0,314
CHR9	2202512	CHR9:2202512	SSF x Near_LoA	-9,03971645	0,052	0,289
CHR9	2202513	CHR9:2202513	SSF x Near_LoA	-8,39645409	0,049	0,312
CHR9	2202519	CHR9:2202519	SSF x Near_LoA	-10,8394523	-0,039	0,299
CHR9	2202540	CHR9:2202540	SSF x Near_LoA	-6,1534953	0,183	0,302
CHR9	22029601	CHR9:22029601	SSF x Near_LoA	-4,87089766	0,117	0,307
CHR9	22029604	CHR9:22029604	SSF x Near_LoA	-4,59332072	-0,003	0,307

CHR9	22029665	CHR9:22029665	SSF x Near_LoA	-10,5960477	0,070	0,314
CHR9	22031178	CHR9:22031178	SSF x Near_LoA	-9,90368737	0,067	0,312
CHR9	22036042	CHR9:22036042	SSF x Near_LoA	-8,79306415	0,008	0,320
CHR9	22036044	CHR9:22036044	SSF x Near_LoA	-11,7913216	-0,055	0,309
CHR9	22036178	CHR9:22036178	SSF x Near_LoA	-3,15543125	-0,026	0,315
CHR9	22036195	CHR9:22036195	SSF x Near_LoA	-8,63461553	-0,034	0,308
CHR9	22048916	CHR9:22048916	SSF x Near_LoA	-9,94893969	-0,050	0,313
CHR9	22049273	CHR9:22049273	SSF x Near_LoA	-10,0921166	0,037	0,295
CHR9	22053605	CHR9:22053605	SSF x Near_LoA	-8,72049055	-0,013	0,300
CHR9	22053607	CHR9:22053607	SSF x Near_LoA	-5,47198527	-0,138	0,292
CHR9	22061720	CHR9:22061720	SSF x Near_LoA	-6,58467531	0,049	0,308
CHR9	22064756	CHR9:22064756	SSF x Near_LoA	-7,41326468	-0,068	0,312
CHR9	22064810	CHR9:22064810	SSF x Near_LoA	-8,42913326	-0,077	0,308
CHR9	22064987	CHR9:22064987	SSF x Near_LoA	-8,98410701	-0,042	0,321
CHR9	22070357	CHR9:22070357	SSF x Near_LoA	-8,24490255	-0,069	0,318
CHR9	22070419	CHR9:22070419	SSF x Near_LoA	-10,3829706	-0,042	0,308
CHR9	22070465	CHR9:22070465	SSF x Near_LoA	-9,21966623	-0,083	0,302
CHR9	22070524	CHR9:22070524	SSF x Near_LoA	-3,65497688	0,168	0,310
CHR9	22070594	CHR9:22070594	SSF x Near_LoA	-11,7153086	0,028	0,308
CHR9	22070660	CHR9:22070660	SSF x Near_LoA	-11,7524537	0,038	0,310
CHR9	22070674	CHR9:22070674	SSF x Near_LoA	-8,64031952	0,076	0,297
CHR9	22070730	CHR9:22070730	SSF x Near_LoA	-8,7324076	0,086	0,299
CHR9	22082899	CHR9:22082899	SSF x Near_LoA	-11,4893212	0,030	0,309
CHR9	22083852	CHR9:22083852	SSF x Near_LoA	-8,32041687	0,093	0,300
CHR9	22086217	CHR9:22086217	SSF x Near_LoA	-7,94952205	-0,025	0,315
CHR9	22088176	CHR9:22088176	SSF x Near_LoA	-6,09226809	-0,158	0,310
CHR9	22097618	CHR9:22097618	SSF x Near_LoA	-11,1458096	-0,014	0,310
CHR9	22097626	CHR9:22097626	SSF x Near_LoA	-1,90246328	-0,057	0,310
CHR9	22097648	CHR9:22097648	SSF x Near_LoA	-8,19347291	0,095	0,304
CHR9	2209825	CHR9:2209825	SSF x Near_LoA	-8,39123047	-0,054	0,310
CHR9	2209832	CHR9:2209832	SSF x Near_LoA	-7,07305998	-0,025	0,310
CHR9	2209896	CHR9:2209896	SSF x Near_LoA	-7,26674202	-0,031	0,311
CHR9	2209914	CHR9:2209914	SSF x Near_LoA	-10,3191497	-0,017	0,322
CHR9	2209915	CHR9:2209915	SSF x Near_LoA	-10,3462766	-0,028	0,314
CHR9	2210021	CHR9:2210021	SSF x Near_LoA	-10,4989737	0,002	0,301
CHR9	22105354	CHR9:22105354	SSF x Near_LoA	-10,5270901	0,007	0,312
CHR9	22115064	CHR9:22115064	SSF x Near_LoA	-8,91754915	-0,082	0,314
CHR9	22115235	CHR9:22115235	SSF x Near_LoA	-8,29598635	0,065	0,303
CHR9	22115380	CHR9:22115380	SSF x Near_LoA	-7,35724768	-0,073	0,300
CHR9	2211668	CHR9:2211668	SSF x Near_LoA	-8,99878817	-0,099	0,302
CHR9	22123139	CHR9:22123139	SSF x Near_LoA	-6,18391167	0,069	0,301
CHR9	22123158	CHR9:22123158	SSF x Near_LoA	-10,1458152	0,056	0,295
CHR9	22123282	CHR9:22123282	SSF x Near_LoA	-6,85764873	-0,002	0,292
CHR9	22124342	CHR9:22124342	SSF x Near_LoA	-8,3140013	0,143	0,310
CHR9	22124383	CHR9:22124383	SSF x Near_LoA	-7,3834238	0,137	0,311
CHR9	22126087	CHR9:22126087	SSF x Near_LoA	-8,43167446	-0,131	0,307
CHR9	22126116	CHR9:22126116	SSF x Near_LoA	-11,0233376	0,043	0,314
CHR9	22126180	CHR9:22126180	SSF x Near_LoA	-7,90959907	0,048	0,320
CHR9	22126335	CHR9:22126335	SSF x Near_LoA	-10,4718424	0,141	0,295
CHR9	22131560	CHR9:22131560	SSF x Near_LoA	-11,0630738	0,008	0,312
CHR9	22133310	CHR9:22133310	SSF x Near_LoA	-7,16433779	-0,039	0,298
CHR9	22143584	CHR9:22143584	SSF x Near_LoA	-8,29774261	0,115	0,302
CHR9	22146168	CHR9:22146168	SSF x Near_LoA	-8,64167575	0,155	0,300

CHR9	22146289	CHR9:22146289	SSF x Near_LoA	-10,0931143	-0,055	0,308
CHR9	22147473	CHR9:22147473	SSF x Near_LoA	-9,72482905	0,001	0,318
CHR9	22147476	CHR9:22147476	SSF x Near_LoA	-10,7296401	-0,103	0,318
CHR9	22147656	CHR9:22147656	SSF x Near_LoA	-8,89849126	-0,028	0,295
CHR9	22147667	CHR9:22147667	SSF x Near_LoA	-9,20908421	0,004	0,311
CHR9	22147694	CHR9:22147694	SSF x Near_LoA	-7,30224839	-0,133	0,320
CHR9	22153505	CHR9:22153505	SSF x Near_LoA	-9,86866561	0,057	0,314
CHR9	22153526	CHR9:22153526	SSF x Near_LoA	-10,3341756	0,078	0,306
CHR9	22153838	CHR9:22153838	SSF x Near_LoA	-6,19524685	0,135	0,308
CHR9	22157989	CHR9:22157989	SSF x Near_LoA	-9,06507954	-0,083	0,298
CHR9	22158009	CHR9:22158009	SSF x Near_LoA	-10,0440983	0,068	0,292
CHR9	22160166	CHR9:22160166	SSF x Near_LoA	-9,19859799	-0,152	0,301
CHR9	22160204	CHR9:22160204	SSF x Near_LoA	-10,2298863	0,018	0,307
CHR9	22162097	CHR9:22162097	SSF x Near_LoA	-7,98555351	0,025	0,319
CHR9	22162126	CHR9:22162126	SSF x Near_LoA	-11,9678818	0,005	0,305
CHR9	22162160	CHR9:22162160	SSF x Near_LoA	-7,45803426	-0,069	0,320
CHR9	22162175	CHR9:22162175	SSF x Near_LoA	-10,5339287	-0,051	0,299
CHR9	22162179	CHR9:22162179	SSF x Near_LoA	-10,0526259	-0,061	0,306
CHR9	22162940	CHR9:22162940	SSF x Near_LoA	-10,519361	-0,029	0,310
CHR9	22165039	CHR9:22165039	SSF x Near_LoA	-7,39144508	0,033	0,315
CHR9	22165041	CHR9:22165041	SSF x Near_LoA	-7,99959034	0,040	0,317
CHR9	22165097	CHR9:22165097	SSF x Near_LoA	-8,82330324	0,029	0,308
CHR9	22165109	CHR9:22165109	SSF x Near_LoA	-7,1169113	-0,159	0,304
CHR9	22165136	CHR9:22165136	SSF x Near_LoA	-6,31677308	-0,201	0,292
CHR9	22165160	CHR9:22165160	SSF x Near_LoA	-8,02512505	-0,039	0,319
CHR9	22165173	CHR9:22165173	SSF x Near_LoA	-5,95478428	-0,065	0,308
CHR9	22171912	CHR9:22171912	SSF x Near_LoA	-7,71060757	0,016	0,310
CHR9	22171941	CHR9:22171941	SSF x Near_LoA	-8,52428686	-0,038	0,301
CHR9	22172062	CHR9:22172062	SSF x Near_LoA	-7,32089227	0,128	0,299
CHR9	22174627	CHR9:22174627	SSF x Near_LoA	-7,99552332	-0,034	0,307
CHR9	22174628	CHR9:22174628	SSF x Near_LoA	-8,93274446	-0,037	0,314
CHR9	22174633	CHR9:22174633	SSF x Near_LoA	-7,98143061	-0,087	0,291
CHR9	22175815	CHR9:22175815	SSF x Near_LoA	-8,422024	-0,020	0,294
CHR9	22175824	CHR9:22175824	SSF x Near_LoA	-8,42758758	0,034	0,312
CHR9	22175893	CHR9:22175893	SSF x Near_LoA	-6,49025828	0,251	0,297
CHR9	22175900	CHR9:22175900	SSF x Near_LoA	-7,65484262	-0,113	0,286
CHR9	22175946	CHR9:22175946	SSF x Near_LoA	-4,71097206	-0,063	0,308
CHR9	22175980	CHR9:22175980	SSF x Near_LoA	-6,62105713	-0,098	0,291
CHR9	22175981	CHR9:22175981	SSF x Near_LoA	-8,73700536	-0,041	0,315
CHR9	22175992	CHR9:22175992	SSF x Near_LoA	-7,42176584	-0,175	0,311
CHR9	22178906	CHR9:22178906	SSF x Near_LoA	-10,5310253	-0,017	0,328
CHR9	22180949	CHR9:22180949	SSF x Near_LoA	-11,1896125	0,049	0,305
CHR9	22182238	CHR9:22182238	SSF x Near_LoA	-9,32587848	-0,001	0,318
CHR9	22182299	CHR9:22182299	SSF x Near_LoA	-9,23075622	0,010	0,300
CHR9	22182350	CHR9:22182350	SSF x Near_LoA	-8,67429017	0,010	0,310
CHR9	22182367	CHR9:22182367	SSF x Near_LoA	-10,2452196	-0,030	0,311
CHR9	22184420	CHR9:22184420	SSF x Near_LoA	-8,4304983	0,033	0,304
CHR9	22184440	CHR9:22184440	SSF x Near_LoA	-10,4883492	0,020	0,288
CHR9	22184474	CHR9:22184474	SSF x Near_LoA	-7,62916298	0,028	0,304
CHR9	22184505	CHR9:22184505	SSF x Near_LoA	-7,63449063	-0,016	0,306
CHR9	22184544	CHR9:22184544	SSF x Near_LoA	-7,59604488	-0,116	0,307
CHR9	22184550	CHR9:22184550	SSF x Near_LoA	-9,43222694	-0,126	0,308
CHR9	22196646	CHR9:22196646	SSF x Near_LoA	-5,43896889	-0,107	0,312

CHR9	22196677	CHR9:22196677	SSF x Near_LoA	-10,8681612	0,038	0,302
CHR9	22203679	CHR9:22203679	SSF x Near_LoA	-8,94903966	0,066	0,301
CHR9	22204368	CHR9:22204368	SSF x Near_LoA	-9,16791005	0,074	0,313
CHR9	22204397	CHR9:22204397	SSF x Near_LoA	-9,88544834	0,095	0,305
CHR9	22204485	CHR9:22204485	SSF x Near_LoA	-10,1781859	-0,037	0,321
CHR9	22207209	CHR9:22207209	SSF x Near_LoA	-1,18331425	0,211	0,283
CHR9	22207211	CHR9:22207211	SSF x Near_LoA	-6,13493847	0,236	0,283
CHR9	22207305	CHR9:22207305	SSF x Near_LoA	-9,48296657	-0,072	0,308
CHR9	22215217	CHR9:22215217	SSF x Near_LoA	-9,71246913	-0,044	0,304
CHR9	22215232	CHR9:22215232	SSF x Near_LoA	-8,60219418	-0,034	0,305
CHR9	22215949	CHR9:22215949	SSF x Near_LoA	-8,52989432	-0,064	0,309
CHR9	22215974	CHR9:22215974	SSF x Near_LoA	-8,78689502	-0,048	0,307
CHR9	22215977	CHR9:22215977	SSF x Near_LoA	-8,7957223	-0,040	0,311
CHR9	22216039	CHR9:22216039	SSF x Near_LoA	-11,0961295	0,056	0,302
CHR9	22223168	CHR9:22223168	SSF x Near_LoA	-9,51982577	0,154	0,304
CHR9	22223246	CHR9:22223246	SSF x Near_LoA	-7,79064427	0,105	0,300
CHR9	22232789	CHR9:22232789	SSF x Near_LoA	-8,83532767	-0,108	0,316
CHR9	22232965	CHR9:22232965	SSF x Near_LoA	-12,4808112	0,033	0,279
CHR9	22233049	CHR9:22233049	SSF x Near_LoA	-9,37906751	0,033	0,310
CHR9	22233096	CHR9:22233096	SSF x Near_LoA	-8,78062382	0,150	0,291
CHR9	22233115	CHR9:22233115	SSF x Near_LoA	-9,43190779	0,054	0,295
CHR9	22236598	CHR9:22236598	SSF x Near_LoA	-12,2036625	-0,035	0,306
CHR9	22239397	CHR9:22239397	SSF x Near_LoA	-9,15972105	0,049	0,304
CHR9	22239424	CHR9:22239424	SSF x Near_LoA	-8,45384778	-0,048	0,332
CHR9	22243486	CHR9:22243486	SSF x Near_LoA	-8,19334369	0,043	0,309
CHR9	22247698	CHR9:22247698	SSF x Near_LoA	-8,71083097	-0,033	0,319
CHR9	22251717	CHR9:22251717	SSF x Near_LoA	-9,48343885	0,031	0,302
CHR9	22251738	CHR9:22251738	SSF x Near_LoA	-9,40321426	-0,005	0,314
CHR9	22251746	CHR9:22251746	SSF x Near_LoA	-8,02445134	-0,043	0,305
CHR9	22251747	CHR9:22251747	SSF x Near_LoA	-7,23030155	0,092	0,285
CHR9	22260861	CHR9:22260861	SSF x Near_LoA	-8,14680367	0,145	0,297
CHR9	22260869	CHR9:22260869	SSF x Near_LoA	-11,6141567	-0,015	0,310
CHR9	22266130	CHR9:22266130	SSF x Near_LoA	-9,6263292	-0,071	0,305
CHR9	22266132	CHR9:22266132	SSF x Near_LoA	-6,57463116	0,027	0,312
CHR9	22266136	CHR9:22266136	SSF x Near_LoA	-10,2239717	-0,095	0,311
CHR9	22266141	CHR9:22266141	SSF x Near_LoA	-9,31945059	0,013	0,295
CHR9	22266209	CHR9:22266209	SSF x Near_LoA	-9,85658488	-0,073	0,299
CHR9	2227094	CHR9:2227094	SSF x Near_LoA	-11,2429422	-0,011	0,303
CHR9	22271351	CHR9:22271351	SSF x Near_LoA	-8,59707287	0,073	0,316
CHR9	22271354	CHR9:22271354	SSF x Near_LoA	-7,92501031	-0,033	0,307
CHR9	22271416	CHR9:22271416	SSF x Near_LoA	-10,1518219	0,062	0,299
CHR9	22271476	CHR9:22271476	SSF x Near_LoA	-8,18832471	0,037	0,306
CHR9	22271502	CHR9:22271502	SSF x Near_LoA	-9,89815575	0,119	0,300
CHR9	22271522	CHR9:22271522	SSF x Near_LoA	-8,94102576	0,020	0,307
CHR9	22279198	CHR9:22279198	SSF x Near_LoA	-7,93210939	-0,024	0,296
CHR9	22280319	CHR9:22280319	SSF x Near_LoA	-9,84639491	-0,043	0,312
CHR9	22280334	CHR9:22280334	SSF x Near_LoA	-11,8844212	-0,049	0,307
CHR9	2228060	CHR9:2228060	SSF x Near_LoA	-11,169776	-0,072	0,313
CHR9	2228099	CHR9:2228099	SSF x Near_LoA	2,28553877	0,126	0,303
CHR9	2228214	CHR9:2228214	SSF x Near_LoA	-11,1758638	-0,017	0,306
CHR9	22286106	CHR9:22286106	SSF x Near_LoA	-10,3058479	-0,047	0,310
CHR9	22296282	CHR9:22296282	SSF x Near_LoA	-10,222232	-0,141	0,309
CHR9	22300003	CHR9:22300003	SSF x Near_LoA	-3,94572428	0,060	0,315

CHR9	22300026	CHR9:22300026	SSF x Near_LoA	-9,85142405	0,051	0,305
CHR9	22300031	CHR9:22300031	SSF x Near_LoA	-9,44084623	0,065	0,312
CHR9	22300107	CHR9:22300107	SSF x Near_LoA	-10,0909174	0,045	0,309
CHR9	22311017	CHR9:22311017	SSF x Near_LoA	-6,63295053	-0,089	0,299
CHR9	22312028	CHR9:22312028	SSF x Near_LoA	-10,7695575	-0,025	0,304
CHR9	2232897	CHR9:2232897	SSF x Near_LoA	-8,94176883	-0,031	0,321
CHR9	2232908	CHR9:2232908	SSF x Near_LoA	-10,2193665	-0,030	0,320
CHR9	2232962	CHR9:2232962	SSF x Near_LoA	-9,30001119	-0,019	0,321
CHR9	2232980	CHR9:2232980	SSF x Near_LoA	-9,3126095	-0,056	0,305
CHR9	2232981	CHR9:2232981	SSF x Near_LoA	-7,88346741	0,024	0,304
CHR9	22340071	CHR9:22340071	SSF x Near_LoA	-8,95091734	0,006	0,308
CHR9	22340087	CHR9:22340087	SSF x Near_LoA	-9,28892212	0,032	0,306
CHR9	2234037	CHR9:2234037	SSF x Near_LoA	-10,3767065	0,027	0,314
CHR9	22352286	CHR9:22352286	SSF x Near_LoA	-7,67091775	-0,010	0,310
CHR9	22352378	CHR9:22352378	SSF x Near_LoA	-9,92450853	-0,060	0,305
CHR9	22352423	CHR9:22352423	SSF x Near_LoA	-8,50586715	-0,089	0,320
CHR9	22352440	CHR9:22352440	SSF x Near_LoA	-9,54775151	-0,091	0,316
CHR9	22352453	CHR9:22352453	SSF x Near_LoA	-9,71761182	-0,090	0,302
CHR9	22352491	CHR9:22352491	SSF x Near_LoA	-7,75805016	0,080	0,319
CHR9	22363479	CHR9:22363479	SSF x Near_LoA	-11,3325228	-0,026	0,305
CHR9	22369242	CHR9:22369242	SSF x Near_LoA	-10,6402373	0,046	0,300
CHR9	22369283	CHR9:22369283	SSF x Near_LoA	-11,0362986	0,028	0,311
CHR9	22369332	CHR9:22369332	SSF x Near_LoA	-5,78964205	-0,142	0,300
CHR9	22371073	CHR9:22371073	SSF x Near_LoA	-9,13005635	-0,109	0,307
CHR9	22371171	CHR9:22371171	SSF x Near_LoA	-7,67699878	-0,136	0,298
CHR9	22378904	CHR9:22378904	SSF x Near_LoA	-12,1044809	-0,024	0,313
CHR9	22378917	CHR9:22378917	SSF x Near_LoA	-8,22700708	0,035	0,304
CHR9	22378962	CHR9:22378962	SSF x Near_LoA	-8,06168357	-0,051	0,301
CHR9	22378970	CHR9:22378970	SSF x Near_LoA	-8,27566042	0,109	0,297
CHR9	22382603	CHR9:22382603	SSF x Near_LoA	-6,8596928	0,077	0,318
CHR9	22382626	CHR9:22382626	SSF x Near_LoA	-9,48509266	0,056	0,316
CHR9	22382677	CHR9:22382677	SSF x Near_LoA	-11,453306	-0,008	0,317
CHR9	2240043	CHR9:2240043	SSF x Near_LoA	-6,53713082	0,043	0,310
CHR9	2240222	CHR9:2240222	SSF x Near_LoA	-9,73758677	0,062	0,300
CHR9	2240229	CHR9:2240229	SSF x Near_LoA	-10,6415512	-0,097	0,323
CHR9	22403710	CHR9:22403710	SSF x Near_LoA	-9,34935595	0,041	0,308
CHR9	22403714	CHR9:22403714	SSF x Near_LoA	-10,3020209	0,007	0,300
CHR9	22404119	CHR9:22404119	SSF x Near_LoA	-7,00695899	0,004	0,301
CHR9	22404120	CHR9:22404120	SSF x Near_LoA	-7,36383612	-0,013	0,305
CHR9	22404122	CHR9:22404122	SSF x Near_LoA	-10,0417696	-0,007	0,314
CHR9	22408580	CHR9:22408580	SSF x Near_LoA	-9,49588195	-0,028	0,315
CHR9	22408581	CHR9:22408581	SSF x Near_LoA	-9,67744345	-0,035	0,305
CHR9	22408582	CHR9:22408582	SSF x Near_LoA	-9,64815253	-0,002	0,322
CHR9	22408602	CHR9:22408602	SSF x Near_LoA	-9,55811368	0,040	0,309
CHR9	22408609	CHR9:22408609	SSF x Near_LoA	-12,058221	-0,017	0,303
CHR9	22408701	CHR9:22408701	SSF x Near_LoA	-11,764852	-0,053	0,317
CHR9	22408709	CHR9:22408709	SSF x Near_LoA	-8,63772731	0,078	0,308
CHR9	22408808	CHR9:22408808	SSF x Near_LoA	-6,54420402	-0,063	0,312
CHR9	22412820	CHR9:22412820	SSF x Near_LoA	-11,1000519	0,002	0,295
CHR9	22412861	CHR9:22412861	SSF x Near_LoA	-9,00211559	0,058	0,311
CHR9	22412874	CHR9:22412874	SSF x Near_LoA	-8,56263641	-0,024	0,321
CHR9	22414656	CHR9:22414656	SSF x Near_LoA	-10,5829175	-0,108	0,306
CHR9	22414747	CHR9:22414747	SSF x Near_LoA	-7,03936771	-0,012	0,316

CHR9	22415847	CHR9:22415847	SSF x Near_LoA	-9,94451837	-0,084	0,309
CHR9	22420798	CHR9:22420798	SSF x Near_LoA	-9,88131159	0,067	0,303
CHR9	22421065	CHR9:22421065	SSF x Near_LoA	-10,7695282	0,004	0,287
CHR9	22423641	CHR9:22423641	SSF x Near_LoA	-8,0117584	-0,014	0,302
CHR9	2243743	CHR9:2243743	SSF x Near_LoA	-10,131715	-0,013	0,307
CHR9	2243760	CHR9:2243760	SSF x Near_LoA	-10,217823	0,004	0,322
CHR9	22445465	CHR9:22445465	SSF x Near_LoA	-9,42443158	0,030	0,315
CHR9	22445517	CHR9:22445517	SSF x Near_LoA	-10,2458729	-0,115	0,333
CHR9	22445543	CHR9:22445543	SSF x Near_LoA	-5,07277637	0,067	0,322
CHR9	22445550	CHR9:22445550	SSF x Near_LoA	-7,03243916	-0,034	0,312
CHR9	22445562	CHR9:22445562	SSF x Near_LoA	-11,0687248	-0,066	0,313
CHR9	22445565	CHR9:22445565	SSF x Near_LoA	-9,87335586	-0,118	0,308
CHR9	2245547	CHR9:2245547	SSF x Near_LoA	-9,51606274	0,016	0,303
CHR9	2245591	CHR9:2245591	SSF x Near_LoA	-8,08075839	-0,120	0,293
CHR9	2245682	CHR9:2245682	SSF x Near_LoA	-8,15117384	0,014	0,309
CHR9	2245712	CHR9:2245712	SSF x Near_LoA	-7,65621254	-0,171	0,309
CHR9	2245745	CHR9:2245745	SSF x Near_LoA	-11,1571623	-0,011	0,311
CHR9	22466201	CHR9:22466201	SSF x Near_LoA	-8,68614756	0,106	0,301
CHR9	22466219	CHR9:22466219	SSF x Near_LoA	-9,95079549	-0,039	0,304
CHR9	22473425	CHR9:22473425	SSF x Near_LoA	-8,7050452	0,077	0,309
CHR9	22473475	CHR9:22473475	SSF x Near_LoA	-10,4254086	-0,053	0,302
CHR9	22481015	CHR9:22481015	SSF x Near_LoA	-10,1981082	-0,020	0,307
CHR9	22482444	CHR9:22482444	SSF x Near_LoA	-9,7665874	0,139	0,300
CHR9	22486015	CHR9:22486015	SSF x Near_LoA	-10,5558125	-0,003	0,320
CHR9	22487946	CHR9:22487946	SSF x Near_LoA	-10,3218522	-0,075	0,299
CHR9	22487963	CHR9:22487963	SSF x Near_LoA	-11,344197	-0,078	0,298
CHR9	22489244	CHR9:22489244	SSF x Near_LoA	-7,60595817	0,005	0,310
CHR9	2249964	CHR9:2249964	SSF x Near_LoA	-9,75228692	0,098	0,288
CHR9	2250016	CHR9:2250016	SSF x Near_LoA	-9,3216655	0,020	0,318
CHR9	2250037	CHR9:2250037	SSF x Near_LoA	-9,37829908	-0,060	0,305
CHR9	2250146	CHR9:2250146	SSF x Near_LoA	-9,73431718	-0,010	0,312
CHR9	2250188	CHR9:2250188	SSF x Near_LoA	-7,57128927	0,174	0,293
CHR9	22502242	CHR9:22502242	SSF x Near_LoA	-8,69955825	0,006	0,308
CHR9	22502243	CHR9:22502243	SSF x Near_LoA	-11,3346764	-0,018	0,307
CHR9	22502250	CHR9:22502250	SSF x Near_LoA	-7,9904202	-0,105	0,304
CHR9	22502328	CHR9:22502328	SSF x Near_LoA	-7,22192125	-0,049	0,311
CHR9	22502340	CHR9:22502340	SSF x Near_LoA	-10,5207653	-0,040	0,307
CHR9	22502345	CHR9:22502345	SSF x Near_LoA	-9,17340159	0,008	0,316
CHR9	22502427	CHR9:22502427	SSF x Near_LoA	-10,1817922	-0,041	0,303
CHR9	22503740	CHR9:22503740	SSF x Near_LoA	-6,40321922	-0,103	0,320
CHR9	22507500	CHR9:22507500	SSF x Near_LoA	-7,982328	0,057	0,316
CHR9	22507538	CHR9:22507538	SSF x Near_LoA	-11,3172693	0,039	0,295
CHR9	22507623	CHR9:22507623	SSF x Near_LoA	-11,2390008	-0,011	0,314
CHR9	22512943	CHR9:22512943	SSF x Near_LoA	-9,55764205	-0,009	0,305
CHR9	22520312	CHR9:22520312	SSF x Near_LoA	-9,25335117	-0,007	0,328
CHR9	22523918	CHR9:22523918	SSF x Near_LoA	-11,5304471	-0,024	0,302
CHR9	22524001	CHR9:22524001	SSF x Near_LoA	-11,290249	-0,046	0,306
CHR9	22524002	CHR9:22524002	SSF x Near_LoA	-9,34048056	0,119	0,303
CHR9	22525348	CHR9:22525348	SSF x Near_LoA	0,23771861	-0,101	0,296
CHR9	22525381	CHR9:22525381	SSF x Near_LoA	-10,5601171	0,055	0,314
CHR9	22525403	CHR9:22525403	SSF x Near_LoA	-7,93568571	-0,027	0,309
CHR9	22525523	CHR9:22525523	SSF x Near_LoA	-9,63168869	-0,009	0,313
CHR9	22527120	CHR9:22527120	SSF x Near_LoA	-9,7514866	0,084	0,297

CHR9	22527126	CHR9:22527126	SSF x Near_LoA	-9,15671638	-0,078	0,302
CHR9	22527133	CHR9:22527133	SSF x Near_LoA	-9,45929814	-0,065	0,298
CHR9	22527166	CHR9:22527166	SSF x Near_LoA	-9,63112761	0,068	0,311
CHR9	22527185	CHR9:22527185	SSF x Near_LoA	-11,0139561	0,017	0,295
CHR9	22527192	CHR9:22527192	SSF x Near_LoA	-9,77366729	-0,008	0,301
CHR9	22527230	CHR9:22527230	SSF x Near_LoA	-8,73567485	0,083	0,302
CHR9	22527239	CHR9:22527239	SSF x Near_LoA	-11,5703564	-0,011	0,279
CHR9	22527251	CHR9:22527251	SSF x Near_LoA	-8,00988163	0,057	0,287
CHR9	22527263	CHR9:22527263	SSF x Near_LoA	-8,52617524	0,090	0,312
CHR9	2253243	CHR9:2253243	SSF x Near_LoA	-11,0942075	0,073	0,302
CHR9	22560046	CHR9:22560046	SSF x Near_LoA	-10,9862542	-0,017	0,311
CHR9	22560240	CHR9:22560240	SSF x Near_LoA	-9,97288209	0,032	0,315
CHR9	22560247	CHR9:22560247	SSF x Near_LoA	-10,9203255	0,028	0,317
CHR9	22560253	CHR9:22560253	SSF x Near_LoA	-8,48894339	-0,082	0,306
CHR9	22565424	CHR9:22565424	SSF x Near_LoA	-8,38622854	-0,133	0,299
CHR9	22565474	CHR9:22565474	SSF x Near_LoA	-8,44499588	0,000	0,319
CHR9	22566721	CHR9:22566721	SSF x Near_LoA	-10,5579415	0,044	0,311
CHR9	22566803	CHR9:22566803	SSF x Near_LoA	-8,71162617	0,004	0,325
CHR9	22566826	CHR9:22566826	SSF x Near_LoA	-9,34608073	0,072	0,305
CHR9	22573687	CHR9:22573687	SSF x Near_LoA	-6,98009264	0,135	0,329
CHR9	22573693	CHR9:22573693	SSF x Near_LoA	-8,53027705	0,118	0,313
CHR9	22573696	CHR9:22573696	SSF x Near_LoA	-10,978203	0,004	0,307
CHR9	22573706	CHR9:22573706	SSF x Near_LoA	-7,63999985	0,119	0,301
CHR9	2257430	CHR9:2257430	SSF x Near_LoA	-9,10406394	0,073	0,310
CHR9	2257434	CHR9:2257434	SSF x Near_LoA	-8,03828071	-0,037	0,312
CHR9	22577679	CHR9:22577679	SSF x Near_LoA	-9,37523144	-0,016	0,297
CHR9	22577888	CHR9:22577888	SSF x Near_LoA	-11,1297599	0,007	0,314
CHR9	22581410	CHR9:22581410	SSF x Near_LoA	-8,1734951	-0,093	0,302
CHR9	22581507	CHR9:22581507	SSF x Near_LoA	-10,6510515	-0,090	0,307
CHR9	22585649	CHR9:22585649	SSF x Near_LoA	-9,99098177	0,012	0,309
CHR9	22585760	CHR9:22585760	SSF x Near_LoA	-11,1433728	0,091	0,298
CHR9	22585778	CHR9:22585778	SSF x Near_LoA	-8,18367173	0,141	0,295
CHR9	22592490	CHR9:22592490	SSF x Near_LoA	-6,97094674	0,204	0,288
CHR9	22592550	CHR9:22592550	SSF x Near_LoA	-7,47352741	-0,130	0,297
CHR9	22592559	CHR9:22592559	SSF x Near_LoA	-8,01973298	-0,118	0,307
CHR9	22592575	CHR9:22592575	SSF x Near_LoA	-8,18342571	0,116	0,314
CHR9	22592624	CHR9:22592624	SSF x Near_LoA	-8,93584811	-0,178	0,287
CHR9	22592764	CHR9:22592764	SSF x Near_LoA	-11,5945495	-0,006	0,304
CHR9	22592790	CHR9:22592790	SSF x Near_LoA	-5,10182989	0,105	0,298
CHR9	2259768	CHR9:2259768	SSF x Near_LoA	-9,8247006	0,109	0,307
CHR9	2259826	CHR9:2259826	SSF x Near_LoA	-8,17709851	-0,040	0,311
CHR9	2259845	CHR9:2259845	SSF x Near_LoA	-9,25477161	0,047	0,297
CHR9	2259866	CHR9:2259866	SSF x Near_LoA	-9,40228642	0,160	0,296
CHR9	2259875	CHR9:2259875	SSF x Near_LoA	-9,93606831	0,048	0,324
CHR9	2259915	CHR9:2259915	SSF x Near_LoA	-7,44730057	-0,122	0,301
CHR9	2259928	CHR9:2259928	SSF x Near_LoA	-8,08112738	-0,071	0,301
CHR9	2259937	CHR9:2259937	SSF x Near_LoA	4,72528656	0,082	0,309
CHR9	22602243	CHR9:22602243	SSF x Near_LoA	-10,7611362	-0,067	0,311
CHR9	22602244	CHR9:22602244	SSF x Near_LoA	-8,56883954	-0,080	0,301
CHR9	22602257	CHR9:22602257	SSF x Near_LoA	-7,2781033	-0,023	0,306
CHR9	22602776	CHR9:22602776	SSF x Near_LoA	-9,42290915	-0,065	0,314
CHR9	22602808	CHR9:22602808	SSF x Near_LoA	-8,7932549	0,157	0,306
CHR9	22602834	CHR9:22602834	SSF x Near_LoA	-6,25374717	0,184	0,314

CHR9	22602836	CHR9:22602836	SSF x Near_LoA	-5,9021381	0,170	0,301
CHR9	22605035	CHR9:22605035	SSF x Near_LoA	-7,87885788	0,056	0,319
CHR9	22607389	CHR9:22607389	SSF x Near_LoA	-8,03640817	-0,031	0,312
CHR9	22610069	CHR9:22610069	SSF x Near_LoA	-9,93380842	0,030	0,307
CHR9	22610070	CHR9:22610070	SSF x Near_LoA	-7,55249389	-0,070	0,315
CHR9	22610071	CHR9:22610071	SSF x Near_LoA	-7,66626642	0,024	0,297
CHR9	22610076	CHR9:22610076	SSF x Near_LoA	-8,29753486	-0,053	0,308
CHR9	2261399	CHR9:2261399	SSF x Near_LoA	-9,50271163	-0,104	0,307
CHR9	2261431	CHR9:2261431	SSF x Near_LoA	-6,54917359	-0,096	0,297
CHR9	2261445	CHR9:2261445	SSF x Near_LoA	-9,90421725	0,005	0,304
CHR9	2261492	CHR9:2261492	SSF x Near_LoA	-10,1230981	-0,020	0,305
CHR9	22638450	CHR9:22638450	SSF x Near_LoA	-8,00486977	-0,101	0,309
CHR9	22638455	CHR9:22638455	SSF x Near_LoA	-11,463446	-0,021	0,294
CHR9	22638465	CHR9:22638465	SSF x Near_LoA	-10,4093377	0,059	0,301
CHR9	22638542	CHR9:22638542	SSF x Near_LoA	-11,9458823	0,013	0,312
CHR9	22638698	CHR9:22638698	SSF x Near_LoA	-7,59281251	0,159	0,298
CHR9	22643405	CHR9:22643405	SSF x Near_LoA	-7,92506052	0,100	0,317
CHR9	22645556	CHR9:22645556	SSF x Near_LoA	-10,0228954	-0,044	0,317
CHR9	22645683	CHR9:22645683	SSF x Near_LoA	-7,80361059	0,002	0,305
CHR9	22645733	CHR9:22645733	SSF x Near_LoA	-9,6988637	0,002	0,311
CHR9	22648327	CHR9:22648327	SSF x Near_LoA	-10,5393841	-0,062	0,310
CHR9	22652652	CHR9:22652652	SSF x Near_LoA	-6,17511941	0,110	0,297
CHR9	2267089	CHR9:2267089	SSF x Near_LoA	-8,7136847	-0,062	0,306
CHR9	2267108	CHR9:2267108	SSF x Near_LoA	-10,3081733	-0,010	0,316
CHR9	2267171	CHR9:2267171	SSF x Near_LoA	-10,6530473	0,006	0,313
CHR9	22673074	CHR9:22673074	SSF x Near_LoA	-8,0557879	-0,044	0,308
CHR9	22680786	CHR9:22680786	SSF x Near_LoA	-8,21924838	-0,051	0,325
CHR9	22680837	CHR9:22680837	SSF x Near_LoA	-6,09646412	0,000	0,310
CHR9	22680879	CHR9:22680879	SSF x Near_LoA	-10,8185641	0,110	0,300
CHR9	22684131	CHR9:22684131	SSF x Near_LoA	-9,33028259	-0,002	0,315
CHR9	22707082	CHR9:22707082	SSF x Near_LoA	-7,96888863	0,148	0,292
CHR9	22707214	CHR9:22707214	SSF x Near_LoA	-7,80619383	0,074	0,318
CHR9	22709532	CHR9:22709532	SSF x Near_LoA	-8,07791343	0,091	0,315
CHR9	22710377	CHR9:22710377	SSF x Near_LoA	-9,5443905	0,016	0,309
CHR9	22710412	CHR9:22710412	SSF x Near_LoA	-8,98874821	-0,128	0,304
CHR9	22715177	CHR9:22715177	SSF x Near_LoA	-11,9493118	0,014	0,297
CHR9	22715248	CHR9:22715248	SSF x Near_LoA	-7,92052169	-0,079	0,314
CHR9	22715335	CHR9:22715335	SSF x Near_LoA	-6,40298853	0,048	0,297
CHR9	22715466	CHR9:22715466	SSF x Near_LoA	-9,28242543	-0,022	0,291
CHR9	22722525	CHR9:22722525	SSF x Near_LoA	-9,5197369	-0,111	0,291
CHR9	22722546	CHR9:22722546	SSF x Near_LoA	-10,0046702	0,038	0,319
CHR9	22722669	CHR9:22722669	SSF x Near_LoA	-9,70282461	-0,039	0,312
CHR9	22722675	CHR9:22722675	SSF x Near_LoA	-10,8070944	-0,008	0,310
CHR9	22722694	CHR9:22722694	SSF x Near_LoA	-8,82780367	0,041	0,301
CHR9	22722711	CHR9:22722711	SSF x Near_LoA	-11,4985652	-0,054	0,314
CHR9	22722734	CHR9:22722734	SSF x Near_LoA	-8,6270164	-0,127	0,308
CHR9	22722782	CHR9:22722782	SSF x Near_LoA	-11,6527361	-0,029	0,306
CHR9	22722936	CHR9:22722936	SSF x Near_LoA	-3,74224807	0,036	0,312
CHR9	22737436	CHR9:22737436	SSF x Near_LoA	-11,576869	-0,046	0,320
CHR9	22737484	CHR9:22737484	SSF x Near_LoA	-10,7438672	-0,054	0,316
CHR9	22737520	CHR9:22737520	SSF x Near_LoA	-6,59242832	0,049	0,312
CHR9	22737543	CHR9:22737543	SSF x Near_LoA	-11,7442332	0,045	0,296
CHR9	22738507	CHR9:22738507	SSF x Near_LoA	-10,5007957	0,026	0,309

CHR9	227393	CHR9:227393	SSF x Near_LoA	-10,0208285	0,043	0,290
CHR9	22739954	CHR9:22739954	SSF x Near_LoA	-8,19472295	-0,021	0,305
CHR9	22739975	CHR9:22739975	SSF x Near_LoA	-11,9737534	-0,085	0,292
CHR9	22739997	CHR9:22739997	SSF x Near_LoA	-8,38893119	-0,065	0,319
CHR9	22742157	CHR9:22742157	SSF x Near_LoA	-9,74964796	-0,087	0,305
CHR9	22742180	CHR9:22742180	SSF x Near_LoA	-10,0368677	-0,031	0,297
CHR9	2274259	CHR9:2274259	SSF x Near_LoA	-7,58438277	0,244	0,293
CHR9	2274297	CHR9:2274297	SSF x Near_LoA	-4,01091901	-0,081	0,318
CHR9	2274373	CHR9:2274373	SSF x Near_LoA	-8,17636814	0,091	0,320
CHR9	22753861	CHR9:22753861	SSF x Near_LoA	2,80210029	-0,079	0,307
CHR9	22754116	CHR9:22754116	SSF x Near_LoA	-7,83385085	-0,053	0,317
CHR9	22754190	CHR9:22754190	SSF x Near_LoA	-8,80636904	-0,070	0,319
CHR9	22754221	CHR9:22754221	SSF x Near_LoA	-9,79733373	0,043	0,310
CHR9	22762354	CHR9:22762354	SSF x Near_LoA	-4,35329339	0,038	0,297
CHR9	22766403	CHR9:22766403	SSF x Near_LoA	-9,26061417	0,017	0,307
CHR9	22766423	CHR9:22766423	SSF x Near_LoA	-7,20430831	-0,069	0,308
CHR9	22767260	CHR9:22767260	SSF x Near_LoA	-8,65679268	-0,023	0,310
CHR9	22767261	CHR9:22767261	SSF x Near_LoA	-9,73749825	0,002	0,316
CHR9	22769097	CHR9:22769097	SSF x Near_LoA	-10,2235729	0,035	0,316
CHR9	22770822	CHR9:22770822	SSF x Near_LoA	-5,45027424	0,143	0,292
CHR9	22776198	CHR9:22776198	SSF x Near_LoA	-10,5092072	-0,025	0,300
CHR9	22779824	CHR9:22779824	SSF x Near_LoA	-11,193521	-0,014	0,309
CHR9	22779860	CHR9:22779860	SSF x Near_LoA	-6,86689613	-0,161	0,308
CHR9	2278722	CHR9:2278722	SSF x Near_LoA	-10,2869353	-0,051	0,294
CHR9	2278863	CHR9:2278863	SSF x Near_LoA	-11,2757884	-0,005	0,291
CHR9	22790124	CHR9:22790124	SSF x Near_LoA	-8,96723003	0,141	0,298
CHR9	22790290	CHR9:22790290	SSF x Near_LoA	-9,12804386	-0,042	0,313
CHR9	22790318	CHR9:22790318	SSF x Near_LoA	-8,02776941	-0,033	0,304
CHR9	22792529	CHR9:22792529	SSF x Near_LoA	-2,99090028	0,004	0,302
CHR9	22792634	CHR9:22792634	SSF x Near_LoA	-10,2211163	-0,047	0,310
CHR9	22792689	CHR9:22792689	SSF x Near_LoA	-11,2057829	-0,026	0,305
CHR9	22795026	CHR9:22795026	SSF x Near_LoA	-8,89518346	-0,039	0,309
CHR9	22795226	CHR9:22795226	SSF x Near_LoA	-5,67035356	0,091	0,307
CHR9	2280871	CHR9:2280871	SSF x Near_LoA	-9,27018847	0,107	0,303
CHR9	22808778	CHR9:22808778	SSF x Near_LoA	-7,17522586	0,003	0,308
CHR9	2280975	CHR9:2280975	SSF x Near_LoA	-9,70135981	-0,145	0,314
CHR9	22812569	CHR9:22812569	SSF x Near_LoA	-8,68054538	-0,099	0,300
CHR9	22821460	CHR9:22821460	SSF x Near_LoA	-9,16428386	0,009	0,283
CHR9	22821520	CHR9:22821520	SSF x Near_LoA	-9,85299524	-0,015	0,304
CHR9	22830220	CHR9:22830220	SSF x Near_LoA	-11,3229885	-0,044	0,307
CHR9	22830222	CHR9:22830222	SSF x Near_LoA	-8,50463188	-0,011	0,295
CHR9	22830245	CHR9:22830245	SSF x Near_LoA	-3,58320346	-0,041	0,321
CHR9	22830267	CHR9:22830267	SSF x Near_LoA	-8,18737144	-0,023	0,300
CHR9	22830307	CHR9:22830307	SSF x Near_LoA	-10,7438149	-0,080	0,297
CHR9	22830343	CHR9:22830343	SSF x Near_LoA	-7,88554574	-0,035	0,301
CHR9	22830345	CHR9:22830345	SSF x Near_LoA	-8,28686737	-0,028	0,313
CHR9	22830388	CHR9:22830388	SSF x Near_LoA	-10,1162896	0,010	0,296
CHR9	22837443	CHR9:22837443	SSF x Near_LoA	-10,2917586	0,032	0,301
CHR9	22837537	CHR9:22837537	SSF x Near_LoA	-8,99206954	-0,015	0,313
CHR9	22837571	CHR9:22837571	SSF x Near_LoA	-10,4308672	-0,054	0,319
CHR9	22837610	CHR9:22837610	SSF x Near_LoA	-8,80434407	-0,097	0,304
CHR9	2284147	CHR9:2284147	SSF x Near_LoA	-10,4778488	-0,022	0,315
CHR9	2284191	CHR9:2284191	SSF x Near_LoA	-10,477907	-0,093	0,315

CHR9	22846184	CHR9:22846184	SSF x Near_LoA	-10,1723767	0,004	0,309
CHR9	22846250	CHR9:22846250	SSF x Near_LoA	-9,40408079	-0,019	0,300
CHR9	22846441	CHR9:22846441	SSF x Near_LoA	-10,2762091	-0,003	0,316
CHR9	22853107	CHR9:22853107	SSF x Near_LoA	-7,82064633	0,000	0,332
CHR9	22853201	CHR9:22853201	SSF x Near_LoA	-10,9391237	0,016	0,322
CHR9	22854242	CHR9:22854242	SSF x Near_LoA	-11,9452313	-0,060	0,304
CHR9	22854269	CHR9:22854269	SSF x Near_LoA	-10,6752866	0,041	0,317
CHR9	22854479	CHR9:22854479	SSF x Near_LoA	-11,0415575	-0,013	0,297
CHR9	22854510	CHR9:22854510	SSF x Near_LoA	0,48207116	0,151	0,325
CHR9	22854531	CHR9:22854531	SSF x Near_LoA	-8,03129528	-0,052	0,316
CHR9	22854539	CHR9:22854539	SSF x Near_LoA	-10,7784061	0,070	0,312
CHR9	22854549	CHR9:22854549	SSF x Near_LoA	-2,57424282	0,170	0,309
CHR9	22854588	CHR9:22854588	SSF x Near_LoA	-2,51991224	0,181	0,281
CHR9	22854600	CHR9:22854600	SSF x Near_LoA	-8,70751361	0,058	0,312
CHR9	22865341	CHR9:22865341	SSF x Near_LoA	-10,6033556	-0,024	0,306
CHR9	22869681	CHR9:22869681	SSF x Near_LoA	-7,62005682	0,097	0,314
CHR9	22871563	CHR9:22871563	SSF x Near_LoA	-7,8528963	-0,066	0,311
CHR9	22877298	CHR9:22877298	SSF x Near_LoA	-10,5461283	0,034	0,306
CHR9	22890824	CHR9:22890824	SSF x Near_LoA	-10,2842279	0,044	0,300
CHR9	22893261	CHR9:22893261	SSF x Near_LoA	-5,98952249	0,047	0,308
CHR9	22898309	CHR9:22898309	SSF x Near_LoA	-9,64918037	0,090	0,296
CHR9	22900153	CHR9:22900153	SSF x Near_LoA	-9,54975313	0,007	0,316
CHR9	22902602	CHR9:22902602	SSF x Near_LoA	-8,6964772	0,025	0,318
CHR9	22902861	CHR9:22902861	SSF x Near_LoA	-5,75813108	0,072	0,311
CHR9	22906155	CHR9:22906155	SSF x Near_LoA	-12,1310163	-0,004	0,305
CHR9	22906476	CHR9:22906476	SSF x Near_LoA	-7,46036941	0,098	0,314
CHR9	22920532	CHR9:22920532	SSF x Near_LoA	-9,83298479	-0,046	0,307
CHR9	22920657	CHR9:22920657	SSF x Near_LoA	-10,3462089	-0,024	0,304
CHR9	22936451	CHR9:22936451	SSF x Near_LoA	-9,37051038	-0,041	0,309
CHR9	22936696	CHR9:22936696	SSF x Near_LoA	-8,57668508	-0,061	0,324
CHR9	22936707	CHR9:22936707	SSF x Near_LoA	-7,01360119	-0,021	0,310
CHR9	22940867	CHR9:22940867	SSF x Near_LoA	-11,3138822	0,021	0,307
CHR9	22940971	CHR9:22940971	SSF x Near_LoA	-11,8139165	-0,039	0,305
CHR9	22951691	CHR9:22951691	SSF x Near_LoA	-11,6345331	-0,073	0,299
CHR9	22961529	CHR9:22961529	SSF x Near_LoA	-5,71419854	-0,084	0,317
CHR9	22961535	CHR9:22961535	SSF x Near_LoA	-10,9546158	0,137	0,293
CHR9	22963217	CHR9:22963217	SSF x Near_LoA	-9,51137234	0,131	0,297
CHR9	22963274	CHR9:22963274	SSF x Near_LoA	-7,89285667	0,019	0,313
CHR9	22963317	CHR9:22963317	SSF x Near_LoA	-8,83379825	0,029	0,317
CHR9	22968516	CHR9:22968516	SSF x Near_LoA	-7,12905911	-0,031	0,309
CHR9	22980175	CHR9:22980175	SSF x Near_LoA	-9,70399591	-0,034	0,307
CHR9	22980279	CHR9:22980279	SSF x Near_LoA	-8,77539683	-0,060	0,292
CHR9	22983442	CHR9:22983442	SSF x Near_LoA	-9,64171367	0,013	0,301
CHR9	2298349	CHR9:2298349	SSF x Near_LoA	-8,58733151	0,147	0,305
CHR9	22983626	CHR9:22983626	SSF x Near_LoA	-8,61944734	0,109	0,296
CHR9	22983630	CHR9:22983630	SSF x Near_LoA	-7,72632808	0,098	0,301
CHR9	23007557	CHR9:23007557	SSF x Near_LoA	-7,99137464	0,135	0,304
CHR9	23007689	CHR9:23007689	SSF x Near_LoA	-11,2316718	0,031	0,301
CHR9	23007691	CHR9:23007691	SSF x Near_LoA	-4,16466371	0,036	0,311
CHR9	23009053	CHR9:23009053	SSF x Near_LoA	-11,5204398	-0,076	0,300
CHR9	23009054	CHR9:23009054	SSF x Near_LoA	-9,4064752	-0,095	0,307
CHR9	23011415	CHR9:23011415	SSF x Near_LoA	-7,89367319	0,098	0,307
CHR9	23017240	CHR9:23017240	SSF x Near_LoA	-8,08495932	-0,107	0,319

CHR9	23018949	CHR9:23018949	SSF x Near_LoA	-9,60704847	0,018	0,317
CHR9	23019224	CHR9:23019224	SSF x Near_LoA	-8,72837497	-0,116	0,303
CHR9	23019291	CHR9:23019291	SSF x Near_LoA	-5,80168923	0,177	0,300
CHR9	2302787	CHR9:2302787	SSF x Near_LoA	-7,68446098	0,051	0,310
CHR9	2302791	CHR9:2302791	SSF x Near_LoA	-11,104107	0,052	0,305
CHR9	23037183	CHR9:23037183	SSF x Near_LoA	-7,57624573	-0,050	0,306
CHR9	23048981	CHR9:23048981	SSF x Near_LoA	-7,05976784	0,087	0,302
CHR9	23049029	CHR9:23049029	SSF x Near_LoA	-11,8298676	-0,025	0,304
CHR9	23049042	CHR9:23049042	SSF x Near_LoA	-7,7632733	0,094	0,316
CHR9	23049089	CHR9:23049089	SSF x Near_LoA	-8,94042169	-0,114	0,302
CHR9	23049214	CHR9:23049214	SSF x Near_LoA	-8,62125973	-0,147	0,291
CHR9	23053852	CHR9:23053852	SSF x Near_LoA	-9,67152057	-0,035	0,302
CHR9	23053959	CHR9:23053959	SSF x Near_LoA	-10,0250815	0,015	0,318
CHR9	23054086	CHR9:23054086	SSF x Near_LoA	-9,13469756	0,051	0,313
CHR9	23070413	CHR9:23070413	SSF x Near_LoA	-11,7735293	0,014	0,308
CHR9	23070535	CHR9:23070535	SSF x Near_LoA	-10,3342472	-0,053	0,312
CHR9	23070545	CHR9:23070545	SSF x Near_LoA	-10,884481	-0,026	0,313
CHR9	23078522	CHR9:23078522	SSF x Near_LoA	-9,58391961	0,128	0,295
CHR9	23078642	CHR9:23078642	SSF x Near_LoA	-10,0941669	0,015	0,312
CHR9	23083103	CHR9:23083103	SSF x Near_LoA	-3,52421767	0,159	0,306
CHR9	23083153	CHR9:23083153	SSF x Near_LoA	-6,96486485	-0,159	0,297
CHR9	23089764	CHR9:23089764	SSF x Near_LoA	-10,7586587	0,004	0,314
CHR9	23089777	CHR9:23089777	SSF x Near_LoA	-11,7256422	0,016	0,297
CHR9	23089788	CHR9:23089788	SSF x Near_LoA	-5,45448781	-0,074	0,319
CHR9	23097850	CHR9:23097850	SSF x Near_LoA	-7,90945826	0,078	0,305
CHR9	23097972	CHR9:23097972	SSF x Near_LoA	-8,60957768	-0,054	0,304
CHR9	23098141	CHR9:23098141	SSF x Near_LoA	-8,5526536	0,067	0,308
CHR9	23105021	CHR9:23105021	SSF x Near_LoA	-11,1869729	0,004	0,308
CHR9	23110245	CHR9:23110245	SSF x Near_LoA	-9,21065238	-0,007	0,300
CHR9	23114519	CHR9:23114519	SSF x Near_LoA	-11,1114096	-0,004	0,302
CHR9	23114709	CHR9:23114709	SSF x Near_LoA	-5,90147732	0,130	0,311
CHR9	23114924	CHR9:23114924	SSF x Near_LoA	-7,51554603	-0,058	0,311
CHR9	23121207	CHR9:23121207	SSF x Near_LoA	-10,0998275	-0,055	0,310
CHR9	23126367	CHR9:23126367	SSF x Near_LoA	-9,44653687	0,164	0,303
CHR9	23126409	CHR9:23126409	SSF x Near_LoA	-6,46711872	-0,086	0,315
CHR9	23126413	CHR9:23126413	SSF x Near_LoA	-7,1415535	-0,109	0,313
CHR9	23126544	CHR9:23126544	SSF x Near_LoA	-8,66459236	-0,012	0,306
CHR9	23137963	CHR9:23137963	SSF x Near_LoA	-9,63778236	-0,029	0,306
CHR9	23138045	CHR9:23138045	SSF x Near_LoA	-8,79527477	-0,060	0,302
CHR9	23138132	CHR9:23138132	SSF x Near_LoA	-6,57276446	0,065	0,301
CHR9	23138143	CHR9:23138143	SSF x Near_LoA	-4,06155549	0,080	0,306
CHR9	23138178	CHR9:23138178	SSF x Near_LoA	-10,3438512	0,000	0,316
CHR9	23138179	CHR9:23138179	SSF x Near_LoA	-8,06948486	0,113	0,299
CHR9	23138208	CHR9:23138208	SSF x Near_LoA	-9,40917108	-0,018	0,320
CHR9	23138211	CHR9:23138211	SSF x Near_LoA	-10,0605739	-0,020	0,317
CHR9	23138213	CHR9:23138213	SSF x Near_LoA	-10,1721162	-0,027	0,292
CHR9	23153984	CHR9:23153984	SSF x Near_LoA	-9,68222374	-0,053	0,306
CHR9	23154706	CHR9:23154706	SSF x Near_LoA	-3,78184624	0,008	0,321
CHR9	23174020	CHR9:23174020	SSF x Near_LoA	-8,24637122	0,028	0,308
CHR9	23174055	CHR9:23174055	SSF x Near_LoA	-6,33829904	-0,011	0,302
CHR9	23174060	CHR9:23174060	SSF x Near_LoA	-9,33692561	0,157	0,302
CHR9	23174062	CHR9:23174062	SSF x Near_LoA	-10,0572304	-0,001	0,309
CHR9	23174065	CHR9:23174065	SSF x Near_LoA	-8,33491341	0,016	0,292

CHR9	23174072	CHR9:23174072	SSF x Near_LoA	-8,75451303	-0,007	0,298
CHR9	23174084	CHR9:23174084	SSF x Near_LoA	-8,44852216	0,008	0,298
CHR9	23174125	CHR9:23174125	SSF x Near_LoA	-9,3820843	-0,051	0,302
CHR9	23174141	CHR9:23174141	SSF x Near_LoA	-6,43373001	-0,004	0,297
CHR9	23174241	CHR9:23174241	SSF x Near_LoA	-8,8668451	0,065	0,299
CHR9	23178136	CHR9:23178136	SSF x Near_LoA	-11,1193091	0,010	0,316
CHR9	23179573	CHR9:23179573	SSF x Near_LoA	-9,4941504	0,014	0,311
CHR9	23179594	CHR9:23179594	SSF x Near_LoA	-11,4267897	-0,015	0,304
CHR9	23185703	CHR9:23185703	SSF x Near_LoA	-4,79675109	0,111	0,317
CHR9	23185731	CHR9:23185731	SSF x Near_LoA	-8,546846	-0,007	0,300
CHR9	23185744	CHR9:23185744	SSF x Near_LoA	-6,75578251	-0,093	0,301
CHR9	23185786	CHR9:23185786	SSF x Near_LoA	-7,49405851	-0,148	0,292
CHR9	23196299	CHR9:23196299	SSF x Near_LoA	-10,1634782	-0,099	0,299
CHR9	23198897	CHR9:23198897	SSF x Near_LoA	-8,78917739	0,020	0,313
CHR9	23199010	CHR9:23199010	SSF x Near_LoA	-10,6456916	-0,055	0,296
CHR9	23199164	CHR9:23199164	SSF x Near_LoA	-8,9778659	-0,026	0,293
CHR9	23199184	CHR9:23199184	SSF x Near_LoA	-6,8959634	-0,069	0,289
CHR9	23205142	CHR9:23205142	SSF x Near_LoA	-8,2405584	0,141	0,315
CHR9	23205241	CHR9:23205241	SSF x Near_LoA	-7,19488796	0,045	0,296
CHR9	23215740	CHR9:23215740	SSF x Near_LoA	-10,7959753	-0,003	0,329
CHR9	23215766	CHR9:23215766	SSF x Near_LoA	-8,8804702	-0,013	0,305
CHR9	23224761	CHR9:23224761	SSF x Near_LoA	-6,96595908	0,023	0,304
CHR9	23224946	CHR9:23224946	SSF x Near_LoA	-9,70397125	-0,106	0,312
CHR9	23252859	CHR9:23252859	SSF x Near_LoA	-10,6722652	-0,012	0,281
CHR9	23252909	CHR9:23252909	SSF x Near_LoA	-10,5462058	0,036	0,317
CHR9	23252928	CHR9:23252928	SSF x Near_LoA	-9,58569891	0,019	0,314
CHR9	23252950	CHR9:23252950	SSF x Near_LoA	-9,31893912	0,076	0,312
CHR9	23253569	CHR9:23253569	SSF x Near_LoA	-8,4861991	0,090	0,297
CHR9	23265664	CHR9:23265664	SSF x Near_LoA	-9,83423365	0,043	0,301
CHR9	23272170	CHR9:23272170	SSF x Near_LoA	-5,82836119	0,036	0,303
CHR9	23272185	CHR9:23272185	SSF x Near_LoA	-9,64278131	0,028	0,303
CHR9	23272196	CHR9:23272196	SSF x Near_LoA	-7,33377405	-0,046	0,298
CHR9	23272222	CHR9:23272222	SSF x Near_LoA	-9,98713149	0,016	0,295
CHR9	23272224	CHR9:23272224	SSF x Near_LoA	-7,51526154	0,161	0,308
CHR9	23272229	CHR9:23272229	SSF x Near_LoA	-6,65729201	0,162	0,301
CHR9	23272245	CHR9:23272245	SSF x Near_LoA	-10,2796402	0,027	0,296
CHR9	23272278	CHR9:23272278	SSF x Near_LoA	-8,29248904	-0,059	0,306
CHR9	23272292	CHR9:23272292	SSF x Near_LoA	-11,9354055	-0,011	0,305
CHR9	23290645	CHR9:23290645	SSF x Near_LoA	-10,0347713	0,077	0,318
CHR9	23290711	CHR9:23290711	SSF x Near_LoA	-7,36053525	0,027	0,308
CHR9	23290712	CHR9:23290712	SSF x Near_LoA	-10,2271817	0,047	0,289
CHR9	23290738	CHR9:23290738	SSF x Near_LoA	-12,0755825	-0,051	0,296
CHR9	23290804	CHR9:23290804	SSF x Near_LoA	-9,67814833	0,043	0,309
CHR9	23290837	CHR9:23290837	SSF x Near_LoA	-7,96813368	0,069	0,309
CHR9	23290858	CHR9:23290858	SSF x Near_LoA	-8,04117754	-0,020	0,304
CHR9	23306050	CHR9:23306050	SSF x Near_LoA	-6,42397423	0,130	0,294
CHR9	23306240	CHR9:23306240	SSF x Near_LoA	-9,71812894	0,023	0,324
CHR9	2331559	CHR9:2331559	SSF x Near_LoA	-8,33443704	0,012	0,306
CHR9	23315656	CHR9:23315656	SSF x Near_LoA	-9,09077886	-0,014	0,303
CHR9	23315679	CHR9:23315679	SSF x Near_LoA	-6,44622015	0,070	0,305
CHR9	23315696	CHR9:23315696	SSF x Near_LoA	-6,76345813	-0,102	0,297
CHR9	23315741	CHR9:23315741	SSF x Near_LoA	-10,8760508	0,028	0,300
CHR9	23315770	CHR9:23315770	SSF x Near_LoA	-10,1980405	0,094	0,310

CHR9	23315786	CHR9:23315786	SSF x Near_LoA	-9,15963039	-0,082	0,294
CHR9	2331590	CHR9:2331590	SSF x Near_LoA	-7,05792749	-0,025	0,327
CHR9	23339130	CHR9:23339130	SSF x Near_LoA	-8,19926701	0,146	0,304
CHR9	23360551	CHR9:23360551	SSF x Near_LoA	-5,96192855	-0,099	0,302
CHR9	23360617	CHR9:23360617	SSF x Near_LoA	-6,7792438	-0,153	0,298
CHR9	23366581	CHR9:23366581	SSF x Near_LoA	-9,38873376	-0,012	0,320
CHR9	23366597	CHR9:23366597	SSF x Near_LoA	-9,11800346	0,002	0,299
CHR9	23366660	CHR9:23366660	SSF x Near_LoA	-10,8879372	-0,056	0,295
CHR9	23371686	CHR9:23371686	SSF x Near_LoA	-8,5246433	-0,018	0,321
CHR9	23391223	CHR9:23391223	SSF x Near_LoA	-10,4064826	0,012	0,309
CHR9	23391422	CHR9:23391422	SSF x Near_LoA	-4,50833059	-0,044	0,304
CHR9	23398422	CHR9:23398422	SSF x Near_LoA	-8,01716693	0,058	0,303
CHR9	23400914	CHR9:23400914	SSF x Near_LoA	-9,21417669	0,073	0,306
CHR9	23408465	CHR9:23408465	SSF x Near_LoA	-9,49297916	-0,102	0,293
CHR9	23408469	CHR9:23408469	SSF x Near_LoA	-9,58523112	-0,111	0,296
CHR9	23408594	CHR9:23408594	SSF x Near_LoA	-9,57923562	-0,090	0,301
CHR9	23408689	CHR9:23408689	SSF x Near_LoA	-10,2027729	0,029	0,307
CHR9	23408767	CHR9:23408767	SSF x Near_LoA	-3,93924397	-0,106	0,315
CHR9	23419687	CHR9:23419687	SSF x Near_LoA	-9,57579462	-0,015	0,305
CHR9	23419707	CHR9:23419707	SSF x Near_LoA	-8,13519422	-0,035	0,305
CHR9	23419724	CHR9:23419724	SSF x Near_LoA	-7,92026042	-0,030	0,307
CHR9	23419772	CHR9:23419772	SSF x Near_LoA	-10,4880423	0,034	0,319
CHR9	23422812	CHR9:23422812	SSF x Near_LoA	-9,65452948	0,033	0,314
CHR9	23434800	CHR9:23434800	SSF x Near_LoA	-10,7590579	0,027	0,298
CHR9	23438727	CHR9:23438727	SSF x Near_LoA	-9,5539792	-0,004	0,316
CHR9	23438771	CHR9:23438771	SSF x Near_LoA	-0,16169099	-0,182	0,308
CHR9	23438826	CHR9:23438826	SSF x Near_LoA	-10,3806154	-0,035	0,306
CHR9	23438909	CHR9:23438909	SSF x Near_LoA	-8,03440239	0,029	0,309
CHR9	23438916	CHR9:23438916	SSF x Near_LoA	-8,70073239	0,031	0,306
CHR9	23438933	CHR9:23438933	SSF x Near_LoA	-7,30342784	-0,038	0,301
CHR9	23438936	CHR9:23438936	SSF x Near_LoA	-10,5186522	-0,075	0,304
CHR9	23438952	CHR9:23438952	SSF x Near_LoA	-9,75401551	0,056	0,308
CHR9	23440544	CHR9:23440544	SSF x Near_LoA	-8,08468822	0,013	0,313
CHR9	23442084	CHR9:23442084	SSF x Near_LoA	-9,6629766	0,045	0,307
CHR9	23444037	CHR9:23444037	SSF x Near_LoA	-11,1924066	0,130	0,302
CHR9	23444496	CHR9:23444496	SSF x Near_LoA	-9,12797625	-0,048	0,303
CHR9	23444508	CHR9:23444508	SSF x Near_LoA	-9,48333626	-0,021	0,306
CHR9	23460658	CHR9:23460658	SSF x Near_LoA	-8,71639009	-0,046	0,306
CHR9	23460682	CHR9:23460682	SSF x Near_LoA	-9,0765832	0,076	0,305
CHR9	23460689	CHR9:23460689	SSF x Near_LoA	-8,65436091	0,063	0,308
CHR9	2347196	CHR9:2347196	SSF x Near_LoA	-9,26189633	-0,011	0,309
CHR9	2347223	CHR9:2347223	SSF x Near_LoA	-10,459648	-0,020	0,307
CHR9	2347362	CHR9:2347362	SSF x Near_LoA	-7,14105591	0,030	0,316
CHR9	2347385	CHR9:2347385	SSF x Near_LoA	-10,0217655	-0,037	0,310
CHR9	2347518	CHR9:2347518	SSF x Near_LoA	-9,27860686	-0,019	0,322
CHR9	23495155	CHR9:23495155	SSF x Near_LoA	-8,47834456	-0,029	0,303
CHR9	23495165	CHR9:23495165	SSF x Near_LoA	-8,87491047	-0,002	0,303
CHR9	23496335	CHR9:23496335	SSF x Near_LoA	-4,71481211	0,190	0,314
CHR9	23496347	CHR9:23496347	SSF x Near_LoA	-11,3370833	-0,067	0,302
CHR9	23496387	CHR9:23496387	SSF x Near_LoA	-4,49857653	-0,225	0,297
CHR9	23496604	CHR9:23496604	SSF x Near_LoA	-9,94732542	0,038	0,295
CHR9	23496630	CHR9:23496630	SSF x Near_LoA	-9,64660232	0,109	0,303
CHR9	23512796	CHR9:23512796	SSF x Near_LoA	-9,16187955	-0,005	0,296

CHR9	23512797	CHR9:23512797	SSF x Near_LoA	-9,64603642	-0,027	0,290
CHR9	2352317	CHR9:2352317	SSF x Near_LoA	-7,52725553	-0,125	0,299
CHR9	2352332	CHR9:2352332	SSF x Near_LoA	-10,6895387	0,069	0,302
CHR9	23525127	CHR9:23525127	SSF x Near_LoA	-9,06433936	-0,028	0,308
CHR9	23525215	CHR9:23525215	SSF x Near_LoA	-9,96010997	0,011	0,318
CHR9	23525239	CHR9:23525239	SSF x Near_LoA	-9,01788208	0,084	0,295
CHR9	23525336	CHR9:23525336	SSF x Near_LoA	-8,98186773	0,051	0,315
CHR9	23548774	CHR9:23548774	SSF x Near_LoA	-11,3053572	0,034	0,315
CHR9	23555844	CHR9:23555844	SSF x Near_LoA	-11,4787771	-0,059	0,311
CHR9	23562420	CHR9:23562420	SSF x Near_LoA	-7,85894163	0,153	0,296
CHR9	23566703	CHR9:23566703	SSF x Near_LoA	-10,8609996	0,000	0,310
CHR9	23566706	CHR9:23566706	SSF x Near_LoA	-8,32290979	-0,169	0,290
CHR9	23566710	CHR9:23566710	SSF x Near_LoA	-8,91181003	-0,126	0,308
CHR9	23566816	CHR9:23566816	SSF x Near_LoA	-8,79431688	0,023	0,301
CHR9	23566825	CHR9:23566825	SSF x Near_LoA	-10,7876552	0,026	0,318
CHR9	23566860	CHR9:23566860	SSF x Near_LoA	-7,76886804	-0,014	0,295
CHR9	23566865	CHR9:23566865	SSF x Near_LoA	-8,80186852	0,035	0,313
CHR9	23566897	CHR9:23566897	SSF x Near_LoA	-7,97948386	-0,087	0,311
CHR9	2356917	CHR9:2356917	SSF x Near_LoA	-9,34706419	0,021	0,301
CHR9	2356929	CHR9:2356929	SSF x Near_LoA	-8,9292122	0,033	0,309
CHR9	23577712	CHR9:23577712	SSF x Near_LoA	4,37390193	0,028	0,305
CHR9	23593990	CHR9:23593990	SSF x Near_LoA	-9,26654962	0,129	0,299
CHR9	23593994	CHR9:23593994	SSF x Near_LoA	-9,56062569	0,024	0,317
CHR9	23594566	CHR9:23594566	SSF x Near_LoA	-9,79601063	0,017	0,301
CHR9	23594570	CHR9:23594570	SSF x Near_LoA	-7,41941173	0,002	0,308
CHR9	23594590	CHR9:23594590	SSF x Near_LoA	-7,57146412	-0,080	0,301
CHR9	23599796	CHR9:23599796	SSF x Near_LoA	-9,29829641	-0,039	0,288
CHR9	23600024	CHR9:23600024	SSF x Near_LoA	-8,99634098	-0,036	0,302
CHR9	23606892	CHR9:23606892	SSF x Near_LoA	-8,57573457	0,100	0,291
CHR9	23606906	CHR9:23606906	SSF x Near_LoA	-11,0672587	0,143	0,303
CHR9	2361216	CHR9:2361216	SSF x Near_LoA	-9,33648045	-0,030	0,298
CHR9	2361248	CHR9:2361248	SSF x Near_LoA	-9,88529256	-0,008	0,335
CHR9	2361402	CHR9:2361402	SSF x Near_LoA	-10,3134216	0,116	0,301
CHR9	23626380	CHR9:23626380	SSF x Near_LoA	-11,6275005	0,018	0,300
CHR9	23626412	CHR9:23626412	SSF x Near_LoA	-11,8231629	-0,030	0,290
CHR9	23636584	CHR9:23636584	SSF x Near_LoA	-4,66319766	0,050	0,299
CHR9	23636915	CHR9:23636915	SSF x Near_LoA	-12,5525885	0,025	0,307
CHR9	23641271	CHR9:23641271	SSF x Near_LoA	-10,3471061	-0,039	0,301
CHR9	23641413	CHR9:23641413	SSF x Near_LoA	-8,53291095	0,015	0,302
CHR9	23652832	CHR9:23652832	SSF x Near_LoA	-11,4525604	0,018	0,306
CHR9	23664935	CHR9:23664935	SSF x Near_LoA	-10,806713	0,031	0,310
CHR9	23666108	CHR9:23666108	SSF x Near_LoA	-12,491079	0,003	0,298
CHR9	23666152	CHR9:23666152	SSF x Near_LoA	-8,95605421	-0,076	0,306
CHR9	23681610	CHR9:23681610	SSF x Near_LoA	-11,65919	0,081	0,295
CHR9	23681739	CHR9:23681739	SSF x Near_LoA	-9,96250093	-0,148	0,301
CHR9	23697643	CHR9:23697643	SSF x Near_LoA	-8,91334271	-0,076	0,302
CHR9	23697644	CHR9:23697644	SSF x Near_LoA	-8,1737533	-0,100	0,309
CHR9	23697678	CHR9:23697678	SSF x Near_LoA	-10,2957252	-0,091	0,299
CHR9	23697819	CHR9:23697819	SSF x Near_LoA	-8,22299482	0,135	0,305
CHR9	23701459	CHR9:23701459	SSF x Near_LoA	-7,84750949	-0,156	0,313
CHR9	23701572	CHR9:23701572	SSF x Near_LoA	-4,45937605	-0,187	0,309
CHR9	2370208	CHR9:2370208	SSF x Near_LoA	-8,09320517	0,045	0,310
CHR9	2370301	CHR9:2370301	SSF x Near_LoA	-9,1956807	0,053	0,314

CHR9	2370703	CHR9:2370703	SSF x Near_LoA	-9,63286271	0,004	0,313
CHR9	23707549	CHR9:23707549	SSF x Near_LoA	-11,4588148	0,012	0,306
CHR9	23718567	CHR9:23718567	SSF x Near_LoA	-7,4499373	-0,078	0,320
CHR9	23718618	CHR9:23718618	SSF x Near_LoA	-5,65961887	0,061	0,320
CHR9	23720294	CHR9:23720294	SSF x Near_LoA	-10,2409211	-0,047	0,314
CHR9	23723906	CHR9:23723906	SSF x Near_LoA	-7,86055409	0,084	0,309
CHR9	23723922	CHR9:23723922	SSF x Near_LoA	-9,56054736	-0,079	0,306
CHR9	23723923	CHR9:23723923	SSF x Near_LoA	-7,06918547	-0,043	0,324
CHR9	23724019	CHR9:23724019	SSF x Near_LoA	-10,4324541	-0,102	0,305
CHR9	23724028	CHR9:23724028	SSF x Near_LoA	-10,4804338	0,024	0,310
CHR9	23724448	CHR9:23724448	SSF x Near_LoA	-6,92764778	0,025	0,303
CHR9	23724522	CHR9:23724522	SSF x Near_LoA	-11,600197	-0,040	0,297
CHR9	23740698	CHR9:23740698	SSF x Near_LoA	-4,06775386	0,187	0,298
CHR9	23740712	CHR9:23740712	SSF x Near_LoA	-7,13410283	0,103	0,293
CHR9	23740713	CHR9:23740713	SSF x Near_LoA	-7,59202072	0,114	0,296
CHR9	23740721	CHR9:23740721	SSF x Near_LoA	-10,7882376	-0,080	0,309
CHR9	23741111	CHR9:23741111	SSF x Near_LoA	-9,09697619	0,124	0,293
CHR9	23744560	CHR9:23744560	SSF x Near_LoA	-10,6099459	-0,025	0,307
CHR9	23744701	CHR9:23744701	SSF x Near_LoA	-9,14510394	-0,119	0,309
CHR9	23744709	CHR9:23744709	SSF x Near_LoA	-9,90460092	0,007	0,300
CHR9	23744723	CHR9:23744723	SSF x Near_LoA	-4,49027979	-0,117	0,312
CHR9	23744759	CHR9:23744759	SSF x Near_LoA	-7,99670127	-0,117	0,309
CHR9	23748257	CHR9:23748257	SSF x Near_LoA	-7,61838168	0,124	0,309
CHR9	23758679	CHR9:23758679	SSF x Near_LoA	-10,3903658	-0,011	0,316
CHR9	23758733	CHR9:23758733	SSF x Near_LoA	-9,93088322	0,037	0,306
CHR9	23758736	CHR9:23758736	SSF x Near_LoA	-11,6083402	-0,015	0,298
CHR9	23764042	CHR9:23764042	SSF x Near_LoA	-9,10184028	0,112	0,294
CHR9	23764053	CHR9:23764053	SSF x Near_LoA	-8,99813486	0,123	0,300
CHR9	23774461	CHR9:23774461	SSF x Near_LoA	-6,33126058	-0,105	0,318
CHR9	23774616	CHR9:23774616	SSF x Near_LoA	-6,10063395	0,032	0,310
CHR9	23774661	CHR9:23774661	SSF x Near_LoA	-5,92736818	-0,145	0,300
CHR9	23774711	CHR9:23774711	SSF x Near_LoA	-10,0547328	-0,040	0,318
CHR9	2377582	CHR9:2377582	SSF x Near_LoA	-7,90537222	0,124	0,295
CHR9	23790069	CHR9:23790069	SSF x Near_LoA	-8,63668404	-0,013	0,304
CHR9	23790088	CHR9:23790088	SSF x Near_LoA	-11,7278381	0,005	0,321
CHR9	23794574	CHR9:23794574	SSF x Near_LoA	-10,1102729	0,038	0,300
CHR9	23794608	CHR9:23794608	SSF x Near_LoA	-10,948988	-0,038	0,300
CHR9	23794684	CHR9:23794684	SSF x Near_LoA	-8,30192439	-0,005	0,312
CHR9	23795683	CHR9:23795683	SSF x Near_LoA	-7,58475821	0,167	0,307
CHR9	23797646	CHR9:23797646	SSF x Near_LoA	-11,1478769	-0,026	0,311
CHR9	23802608	CHR9:23802608	SSF x Near_LoA	-9,19494765	0,047	0,324
CHR9	23802805	CHR9:23802805	SSF x Near_LoA	-8,4123274	-0,077	0,280
CHR9	23809413	CHR9:23809413	SSF x Near_LoA	-8,69368428	0,083	0,312
CHR9	23809414	CHR9:23809414	SSF x Near_LoA	-7,70073471	0,098	0,302
CHR9	2381107	CHR9:2381107	SSF x Near_LoA	8,83198737	-0,028	0,313
CHR9	2381204	CHR9:2381204	SSF x Near_LoA	-8,63685428	0,035	0,310
CHR9	2381260	CHR9:2381260	SSF x Near_LoA	-5,42078114	-0,082	0,307
CHR9	23828736	CHR9:23828736	SSF x Near_LoA	-11,6275336	0,070	0,304
CHR9	23833871	CHR9:23833871	SSF x Near_LoA	-8,25094909	-0,130	0,318
CHR9	23833889	CHR9:23833889	SSF x Near_LoA	-9,31674129	-0,042	0,294
CHR9	2384053	CHR9:2384053	SSF x Near_LoA	-9,17829269	0,192	0,285
CHR9	2384074	CHR9:2384074	SSF x Near_LoA	4,2036975	0,193	0,296
CHR9	23848394	CHR9:23848394	SSF x Near_LoA	-10,5033896	-0,047	0,303

CHR9	23849190	CHR9:23849190	SSF x Near_LoA	-8,86112611	-0,016	0,309
CHR9	23855901	CHR9:23855901	SSF x Near_LoA	-9,42474341	0,064	0,310
CHR9	23856188	CHR9:23856188	SSF x Near_LoA	-8,08971225	0,015	0,305
CHR9	23856226	CHR9:23856226	SSF x Near_LoA	-9,27454155	0,046	0,303
CHR9	23858698	CHR9:23858698	SSF x Near_LoA	-7,38502733	0,123	0,310
CHR9	23874940	CHR9:23874940	SSF x Near_LoA	-5,40934482	-0,150	0,301
CHR9	23875573	CHR9:23875573	SSF x Near_LoA	-8,7690959	0,046	0,307
CHR9	23875584	CHR9:23875584	SSF x Near_LoA	-8,30537011	0,059	0,296
CHR9	23890412	CHR9:23890412	SSF x Near_LoA	-9,8677896	0,022	0,293
CHR9	23890492	CHR9:23890492	SSF x Near_LoA	-9,21259292	0,080	0,308
CHR9	2389301	CHR9:2389301	SSF x Near_LoA	-10,0220691	0,005	0,316
CHR9	2389336	CHR9:2389336	SSF x Near_LoA	-7,54936592	0,011	0,304
CHR9	2389399	CHR9:2389399	SSF x Near_LoA	-10,0525614	0,038	0,300
CHR9	23921975	CHR9:23921975	SSF x Near_LoA	-3,75271043	-0,146	0,311
CHR9	23927088	CHR9:23927088	SSF x Near_LoA	-9,40296054	0,061	0,292
CHR9	23930478	CHR9:23930478	SSF x Near_LoA	-9,30393274	-0,003	0,317
CHR9	23930509	CHR9:23930509	SSF x Near_LoA	-9,07300693	0,064	0,301
CHR9	23930530	CHR9:23930530	SSF x Near_LoA	-8,83537872	-0,008	0,313
CHR9	23930531	CHR9:23930531	SSF x Near_LoA	-8,43774882	0,003	0,308
CHR9	23930532	CHR9:23930532	SSF x Near_LoA	-7,99496558	0,041	0,298
CHR9	2394102	CHR9:2394102	SSF x Near_LoA	0,82783703	-0,194	0,308
CHR9	23948399	CHR9:23948399	SSF x Near_LoA	-11,6521957	-0,042	0,302
CHR9	23961696	CHR9:23961696	SSF x Near_LoA	-7,32129085	0,067	0,303
CHR9	23967949	CHR9:23967949	SSF x Near_LoA	-9,83183893	-0,038	0,305
CHR9	23988981	CHR9:23988981	SSF x Near_LoA	-6,42522711	-0,023	0,302
CHR9	23993858	CHR9:23993858	SSF x Near_LoA	-8,98125945	0,035	0,317
CHR9	2399452	CHR9:2399452	SSF x Near_LoA	-10,5662509	-0,039	0,309
CHR9	23996417	CHR9:23996417	SSF x Near_LoA	-6,39279706	-0,006	0,321
CHR9	23996507	CHR9:23996507	SSF x Near_LoA	-9,31209382	-0,109	0,296
CHR9	2399929	CHR9:2399929	SSF x Near_LoA	-4,72263493	-0,083	0,300
CHR9	24008455	CHR9:24008455	SSF x Near_LoA	-9,64040854	-0,031	0,299
CHR9	24024583	CHR9:24024583	SSF x Near_LoA	-7,92133406	0,003	0,303
CHR9	24024662	CHR9:24024662	SSF x Near_LoA	-9,21944916	0,076	0,297
CHR9	24024797	CHR9:24024797	SSF x Near_LoA	-9,84982021	-0,051	0,304
CHR9	2403619	CHR9:2403619	SSF x Near_LoA	-8,49817231	-0,081	0,306
CHR9	2403682	CHR9:2403682	SSF x Near_LoA	-8,30959714	0,114	0,289
CHR9	2403701	CHR9:2403701	SSF x Near_LoA	-6,46773782	0,177	0,307
CHR9	2403810	CHR9:2403810	SSF x Near_LoA	-10,0029768	0,068	0,309
CHR9	2403822	CHR9:2403822	SSF x Near_LoA	-11,3924795	0,069	0,291
CHR9	2403823	CHR9:2403823	SSF x Near_LoA	-11,2804884	0,070	0,313
CHR9	2403824	CHR9:2403824	SSF x Near_LoA	-11,2112459	0,075	0,303
CHR9	24048066	CHR9:24048066	SSF x Near_LoA	-10,4937553	-0,103	0,292
CHR9	24048088	CHR9:24048088	SSF x Near_LoA	-7,84997027	-0,052	0,289
CHR9	24048221	CHR9:24048221	SSF x Near_LoA	-8,19199815	0,077	0,303
CHR9	2404900	CHR9:2404900	SSF x Near_LoA	-7,9401895	0,137	0,314
CHR9	24069395	CHR9:24069395	SSF x Near_LoA	-9,72365044	-0,025	0,299
CHR9	24069398	CHR9:24069398	SSF x Near_LoA	-6,95339426	-0,045	0,307
CHR9	24071778	CHR9:24071778	SSF x Near_LoA	-8,91577163	0,066	0,309
CHR9	24071922	CHR9:24071922	SSF x Near_LoA	-9,55033633	0,106	0,314
CHR9	24096307	CHR9:24096307	SSF x Near_LoA	-10,618226	0,043	0,305
CHR9	24096492	CHR9:24096492	SSF x Near_LoA	-9,54031715	-0,077	0,318
CHR9	24096504	CHR9:24096504	SSF x Near_LoA	-10,3495322	-0,030	0,309
CHR9	24096611	CHR9:24096611	SSF x Near_LoA	-9,35730478	0,147	0,296

CHR9	24105060	CHR9:24105060	SSF x Near_LoA	-10,5800166	-0,091	0,304
CHR9	24105095	CHR9:24105095	SSF x Near_LoA	-9,03226408	-0,032	0,318
CHR9	24105199	CHR9:24105199	SSF x Near_LoA	-8,89845316	0,009	0,298
CHR9	24105202	CHR9:24105202	SSF x Near_LoA	-10,7061325	0,017	0,310
CHR9	24129639	CHR9:24129639	SSF x Near_LoA	-10,040225	0,054	0,307
CHR9	24129641	CHR9:24129641	SSF x Near_LoA	-8,20174346	0,108	0,310
CHR9	24129716	CHR9:24129716	SSF x Near_LoA	-10,9719639	0,066	0,316
CHR9	2413060	CHR9:2413060	SSF x Near_LoA	-8,29111404	-0,007	0,323
CHR9	2413080	CHR9:2413080	SSF x Near_LoA	-8,18240299	-0,013	0,314
CHR9	2413102	CHR9:2413102	SSF x Near_LoA	-8,10118325	0,016	0,322
CHR9	2413104	CHR9:2413104	SSF x Near_LoA	-9,3231901	0,005	0,306
CHR9	2413106	CHR9:2413106	SSF x Near_LoA	-8,65544969	-0,009	0,324
CHR9	2413111	CHR9:2413111	SSF x Near_LoA	-8,63088223	0,008	0,317
CHR9	2413115	CHR9:2413115	SSF x Near_LoA	-5,09276005	0,033	0,328
CHR9	2413124	CHR9:2413124	SSF x Near_LoA	-9,1592907	0,011	0,314
CHR9	2413129	CHR9:2413129	SSF x Near_LoA	-8,46665757	0,008	0,315
CHR9	2413131	CHR9:2413131	SSF x Near_LoA	-8,14475713	0,031	0,322
CHR9	2413140	CHR9:2413140	SSF x Near_LoA	-8,67194158	-0,008	0,313
CHR9	2413161	CHR9:2413161	SSF x Near_LoA	-8,82335334	-0,003	0,321
CHR9	2413165	CHR9:2413165	SSF x Near_LoA	-8,31231683	0,029	0,318
CHR9	24134571	CHR9:24134571	SSF x Near_LoA	-5,52736634	0,039	0,323
CHR9	24134580	CHR9:24134580	SSF x Near_LoA	-7,90408626	0,004	0,308
CHR9	24134629	CHR9:24134629	SSF x Near_LoA	-9,58750694	0,000	0,293
CHR9	24135441	CHR9:24135441	SSF x Near_LoA	-11,0474134	0,062	0,313
CHR9	24139162	CHR9:24139162	SSF x Near_LoA	-8,67596728	-0,068	0,306
CHR9	24139391	CHR9:24139391	SSF x Near_LoA	-4,24324601	0,057	0,307
CHR9	24147066	CHR9:24147066	SSF x Near_LoA	-6,89576587	-0,091	0,306
CHR9	24158246	CHR9:24158246	SSF x Near_LoA	-11,3167428	0,001	0,317
CHR9	24158306	CHR9:24158306	SSF x Near_LoA	-7,28697276	0,118	0,304
CHR9	24158390	CHR9:24158390	SSF x Near_LoA	-10,8333443	-0,006	0,305
CHR9	24163304	CHR9:24163304	SSF x Near_LoA	-7,11092659	-0,149	0,288
CHR9	24163446	CHR9:24163446	SSF x Near_LoA	-10,5054646	-0,071	0,300
CHR9	24163469	CHR9:24163469	SSF x Near_LoA	-10,6129721	-0,030	0,294
CHR9	24163559	CHR9:24163559	SSF x Near_LoA	4,10886882	-0,028	0,304
CHR9	24163574	CHR9:24163574	SSF x Near_LoA	-10,2555349	-0,016	0,312
CHR9	24164693	CHR9:24164693	SSF x Near_LoA	-6,76859211	0,099	0,313
CHR9	24164910	CHR9:24164910	SSF x Near_LoA	-10,9848366	0,067	0,309
CHR9	24174807	CHR9:24174807	SSF x Near_LoA	-9,4909937	0,004	0,307
CHR9	24174917	CHR9:24174917	SSF x Near_LoA	-10,1134052	-0,013	0,315
CHR9	24174960	CHR9:24174960	SSF x Near_LoA	-10,4922877	0,025	0,319
CHR9	24177631	CHR9:24177631	SSF x Near_LoA	-10,8925959	0,014	0,306
CHR9	24177709	CHR9:24177709	SSF x Near_LoA	-10,4620715	-0,001	0,305
CHR9	24177848	CHR9:24177848	SSF x Near_LoA	-1,27379259	-0,102	0,296
CHR9	24181136	CHR9:24181136	SSF x Near_LoA	-7,16592736	0,072	0,308
CHR9	24181170	CHR9:24181170	SSF x Near_LoA	-8,90776364	-0,017	0,317
CHR9	24181299	CHR9:24181299	SSF x Near_LoA	-9,60439292	0,045	0,311
CHR9	24187471	CHR9:24187471	SSF x Near_LoA	-7,20034561	-0,017	0,317
CHR9	24187482	CHR9:24187482	SSF x Near_LoA	-9,08423567	-0,040	0,308
CHR9	24187550	CHR9:24187550	SSF x Near_LoA	-7,24230044	-0,068	0,300
CHR9	24187575	CHR9:24187575	SSF x Near_LoA	-9,00772097	-0,006	0,302
CHR9	24188298	CHR9:24188298	SSF x Near_LoA	-8,29582572	-0,110	0,294
CHR9	24188335	CHR9:24188335	SSF x Near_LoA	-9,01719361	-0,075	0,290
CHR9	24188336	CHR9:24188336	SSF x Near_LoA	-7,9793368	-0,019	0,301

CHR9	24188337	CHR9:24188337	SSF x Near_LoA	-7,48104684	-0,083	0,302
CHR9	24188341	CHR9:24188341	SSF x Near_LoA	-7,26228154	-0,077	0,296
CHR9	24197085	CHR9:24197085	SSF x Near_LoA	-7,23415129	0,056	0,305
CHR9	24201737	CHR9:24201737	SSF x Near_LoA	-6,43717261	0,051	0,302
CHR9	24201874	CHR9:24201874	SSF x Near_LoA	-10,7995592	-0,012	0,297
CHR9	24201982	CHR9:24201982	SSF x Near_LoA	-10,4675788	-0,017	0,316
CHR9	24201996	CHR9:24201996	SSF x Near_LoA	-10,2549399	-0,102	0,302
CHR9	24217640	CHR9:24217640	SSF x Near_LoA	-9,84730729	0,061	0,293
CHR9	24217648	CHR9:24217648	SSF x Near_LoA	-8,70819884	-0,086	0,284
CHR9	24217693	CHR9:24217693	SSF x Near_LoA	-9,82624985	-0,077	0,292
CHR9	24237734	CHR9:24237734	SSF x Near_LoA	-11,1945481	0,068	0,303
CHR9	24248516	CHR9:24248516	SSF x Near_LoA	-10,0014446	0,068	0,302
CHR9	24248554	CHR9:24248554	SSF x Near_LoA	-9,5062132	-0,024	0,292
CHR9	24248999	CHR9:24248999	SSF x Near_LoA	-9,11620355	0,050	0,314
CHR9	24254969	CHR9:24254969	SSF x Near_LoA	-11,8662897	-0,014	0,300
CHR9	24254970	CHR9:24254970	SSF x Near_LoA	-11,4643957	-0,019	0,310
CHR9	24256990	CHR9:24256990	SSF x Near_LoA	-10,5708342	-0,056	0,302
CHR9	24264828	CHR9:24264828	SSF x Near_LoA	-10,9322209	-0,124	0,298
CHR9	24264997	CHR9:24264997	SSF x Near_LoA	-6,46719302	-0,024	0,307
CHR9	24267654	CHR9:24267654	SSF x Near_LoA	-10,0663664	0,113	0,293
CHR9	24267818	CHR9:24267818	SSF x Near_LoA	-9,46728518	-0,018	0,331
CHR9	24271027	CHR9:24271027	SSF x Near_LoA	-7,32181874	0,027	0,319
CHR9	24271110	CHR9:24271110	SSF x Near_LoA	-10,4254329	0,069	0,308
CHR9	2427141	CHR9:2427141	SSF x Near_LoA	-10,6712651	-0,121	0,300
CHR9	2427226	CHR9:2427226	SSF x Near_LoA	-4,49330719	-0,043	0,315
CHR9	24273296	CHR9:24273296	SSF x Near_LoA	-8,48211424	-0,087	0,310
CHR9	24273308	CHR9:24273308	SSF x Near_LoA	-9,42573006	-0,026	0,310
CHR9	24273440	CHR9:24273440	SSF x Near_LoA	-9,93091396	0,021	0,311
CHR9	24273530	CHR9:24273530	SSF x Near_LoA	-9,85308591	-0,089	0,305
CHR9	24273555	CHR9:24273555	SSF x Near_LoA	8,17090098	-0,080	0,324
CHR9	24289916	CHR9:24289916	SSF x Near_LoA	-7,99938084	0,051	0,321
CHR9	24290134	CHR9:24290134	SSF x Near_LoA	-11,5795655	-0,061	0,311
CHR9	24290899	CHR9:24290899	SSF x Near_LoA	-2,81920158	-0,054	0,301
CHR9	24295055	CHR9:24295055	SSF x Near_LoA	-7,4863755	-0,079	0,321
CHR9	24295058	CHR9:24295058	SSF x Near_LoA	-11,1083554	0,012	0,311
CHR9	24295108	CHR9:24295108	SSF x Near_LoA	-9,63143782	-0,024	0,308
CHR9	24295110	CHR9:24295110	SSF x Near_LoA	-9,61483796	0,088	0,311
CHR9	24295113	CHR9:24295113	SSF x Near_LoA	-10,1720805	-0,018	0,306
CHR9	24295171	CHR9:24295171	SSF x Near_LoA	-11,3194146	-0,038	0,317
CHR9	2430272	CHR9:2430272	SSF x Near_LoA	-4,13022307	0,258	0,289
CHR9	24307085	CHR9:24307085	SSF x Near_LoA	-12,2119388	-0,001	0,318
CHR9	24307099	CHR9:24307099	SSF x Near_LoA	-10,8457999	0,017	0,310
CHR9	24311825	CHR9:24311825	SSF x Near_LoA	-8,37970361	-0,116	0,308
CHR9	24311990	CHR9:24311990	SSF x Near_LoA	-11,4482016	-0,020	0,310
CHR9	24311992	CHR9:24311992	SSF x Near_LoA	-7,84944039	-0,068	0,319
CHR9	24312001	CHR9:24312001	SSF x Near_LoA	-7,49805895	0,107	0,312
CHR9	24330153	CHR9:24330153	SSF x Near_LoA	-3,41767618	-0,115	0,298
CHR9	24341337	CHR9:24341337	SSF x Near_LoA	-9,0139329	0,009	0,311
CHR9	24341354	CHR9:24341354	SSF x Near_LoA	-9,9838956	-0,012	0,309
CHR9	24341623	CHR9:24341623	SSF x Near_LoA	-10,1675932	0,011	0,308
CHR9	24341626	CHR9:24341626	SSF x Near_LoA	-4,67189438	-0,128	0,307
CHR9	24341659	CHR9:24341659	SSF x Near_LoA	-8,09870459	-0,076	0,311
CHR9	24341712	CHR9:24341712	SSF x Near_LoA	-10,3784062	-0,025	0,315

CHR9	24349396	CHR9:24349396	SSF x Near_LoA	2,395134	-0,068	0,298
CHR9	24353282	CHR9:24353282	SSF x Near_LoA	-11,0417421	-0,041	0,312
CHR9	24363693	CHR9:24363693	SSF x Near_LoA	-9,52337045	-0,100	0,276
CHR9	24363806	CHR9:24363806	SSF x Near_LoA	-9,966785	0,069	0,309
CHR9	2436396	CHR9:2436396	SSF x Near_LoA	-9,12556932	-0,079	0,305
CHR9	2436444	CHR9:2436444	SSF x Near_LoA	-9,10067596	-0,068	0,315
CHR9	24368200	CHR9:24368200	SSF x Near_LoA	-10,5096413	0,059	0,314
CHR9	24368527	CHR9:24368527	SSF x Near_LoA	-9,6863039	0,042	0,301
CHR9	24380418	CHR9:24380418	SSF x Near_LoA	-7,55078826	-0,116	0,299
CHR9	24380479	CHR9:24380479	SSF x Near_LoA	-8,36587108	0,134	0,301
CHR9	24382580	CHR9:24382580	SSF x Near_LoA	-9,64967946	-0,058	0,311
CHR9	24382683	CHR9:24382683	SSF x Near_LoA	-5,37013356	0,025	0,302
CHR9	24396959	CHR9:24396959	SSF x Near_LoA	-7,75903089	-0,174	0,309
CHR9	24410021	CHR9:24410021	SSF x Near_LoA	9,87379	0,045	0,313
CHR9	24410589	CHR9:24410589	SSF x Near_LoA	-8,82760351	-0,081	0,310
CHR9	2441749	CHR9:2441749	SSF x Near_LoA	-10,7795316	0,048	0,300
CHR9	24419411	CHR9:24419411	SSF x Near_LoA	-9,4514507	0,043	0,295
CHR9	24424401	CHR9:24424401	SSF x Near_LoA	-10,0535244	-0,082	0,302
CHR9	24424411	CHR9:24424411	SSF x Near_LoA	-6,32534759	0,159	0,305
CHR9	24439067	CHR9:24439067	SSF x Near_LoA	-7,88563055	0,090	0,304
CHR9	24439301	CHR9:24439301	SSF x Near_LoA	-9,20287032	-0,002	0,309
CHR9	24460904	CHR9:24460904	SSF x Near_LoA	-8,9207728	0,031	0,309
CHR9	24460915	CHR9:24460915	SSF x Near_LoA	-11,7595795	0,044	0,309
CHR9	24460926	CHR9:24460926	SSF x Near_LoA	-8,1192184	0,106	0,311
CHR9	24461001	CHR9:24461001	SSF x Near_LoA	-8,61458575	0,040	0,304
CHR9	24461046	CHR9:24461046	SSF x Near_LoA	-10,9152476	-0,073	0,311
CHR9	24463202	CHR9:24463202	SSF x Near_LoA	-8,98084107	-0,054	0,301
CHR9	24463388	CHR9:24463388	SSF x Near_LoA	-10,7416785	0,058	0,300
CHR9	24468072	CHR9:24468072	SSF x Near_LoA	-8,3570576	-0,106	0,307
CHR9	24474661	CHR9:24474661	SSF x Near_LoA	-8,80521659	-0,079	0,307
CHR9	24474664	CHR9:24474664	SSF x Near_LoA	-7,39296429	-0,083	0,320
CHR9	24487962	CHR9:24487962	SSF x Near_LoA	-7,99924348	0,088	0,306
CHR9	24492656	CHR9:24492656	SSF x Near_LoA	-8,60035192	-0,019	0,322
CHR9	24492905	CHR9:24492905	SSF x Near_LoA	-9,01777047	-0,021	0,294
CHR9	24500028	CHR9:24500028	SSF x Near_LoA	-8,47255083	-0,143	0,299
CHR9	24500052	CHR9:24500052	SSF x Near_LoA	-9,84194268	0,036	0,308
CHR9	24500062	CHR9:24500062	SSF x Near_LoA	-9,14698736	0,100	0,308
CHR9	24500071	CHR9:24500071	SSF x Near_LoA	-8,0104084	0,071	0,309
CHR9	24500073	CHR9:24500073	SSF x Near_LoA	-8,49704491	0,059	0,311
CHR9	24500252	CHR9:24500252	SSF x Near_LoA	-9,4170886	0,188	0,308
CHR9	24500323	CHR9:24500323	SSF x Near_LoA	-9,23051763	-0,012	0,310
CHR9	24502847	CHR9:24502847	SSF x Near_LoA	-10,7922809	0,056	0,317
CHR9	24502937	CHR9:24502937	SSF x Near_LoA	-10,1460729	-0,093	0,314
CHR9	24502942	CHR9:24502942	SSF x Near_LoA	-10,8395119	0,086	0,308
CHR9	24502968	CHR9:24502968	SSF x Near_LoA	-11,1417941	-0,153	0,295
CHR9	24503070	CHR9:24503070	SSF x Near_LoA	-8,82011049	-0,077	0,320
CHR9	24504232	CHR9:24504232	SSF x Near_LoA	-5,46398628	-0,157	0,306
CHR9	24505926	CHR9:24505926	SSF x Near_LoA	-11,2064204	0,047	0,296
CHR9	24507195	CHR9:24507195	SSF x Near_LoA	-5,21877205	-0,025	0,314
CHR9	24507199	CHR9:24507199	SSF x Near_LoA	-10,0976864	-0,035	0,307
CHR9	24507271	CHR9:24507271	SSF x Near_LoA	-12,199823	0,050	0,301
CHR9	24507284	CHR9:24507284	SSF x Near_LoA	-10,4831216	0,003	0,277
CHR9	2450818	CHR9:2450818	SSF x Near_LoA	-10,5359347	0,024	0,311

CHR9	24512896	CHR9:24512896	SSF x Near_LoA	-8,64182212	0,098	0,305
CHR9	24515169	CHR9:24515169	SSF x Near_LoA	-8,24881724	-0,035	0,312
CHR9	24515175	CHR9:24515175	SSF x Near_LoA	-10,1428266	0,021	0,319
CHR9	24516698	CHR9:24516698	SSF x Near_LoA	-10,022633	-0,048	0,303
CHR9	24516838	CHR9:24516838	SSF x Near_LoA	-11,1275475	0,088	0,307
CHR9	24531924	CHR9:24531924	SSF x Near_LoA	-9,9293889	0,002	0,318
CHR9	24531937	CHR9:24531937	SSF x Near_LoA	-9,05949403	0,083	0,307
CHR9	24533600	CHR9:24533600	SSF x Near_LoA	-10,3187677	0,168	0,290
CHR9	24539876	CHR9:24539876	SSF x Near_LoA	-8,62127056	0,083	0,293
CHR9	24540101	CHR9:24540101	SSF x Near_LoA	-8,62212554	0,087	0,297
CHR9	24541972	CHR9:24541972	SSF x Near_LoA	-11,6014473	-0,082	0,310
CHR9	24541973	CHR9:24541973	SSF x Near_LoA	4,28272488	-0,149	0,310
CHR9	24542155	CHR9:24542155	SSF x Near_LoA	-10,6043492	0,020	0,297
CHR9	2454532	CHR9:2454532	SSF x Near_LoA	-10,5886179	0,027	0,302
CHR9	2454572	CHR9:2454572	SSF x Near_LoA	-7,33803442	-0,024	0,321
CHR9	2454574	CHR9:2454574	SSF x Near_LoA	-9,44680603	-0,045	0,305
CHR9	2454600	CHR9:2454600	SSF x Near_LoA	-9,141802	0,033	0,312
CHR9	24547452	CHR9:24547452	SSF x Near_LoA	-9,3136521	-0,117	0,295
CHR9	24547458	CHR9:24547458	SSF x Near_LoA	-11,0446802	0,061	0,313
CHR9	24547471	CHR9:24547471	SSF x Near_LoA	-10,0814412	-0,043	0,309
CHR9	24551761	CHR9:24551761	SSF x Near_LoA	-9,71594151	0,164	0,294
CHR9	24552937	CHR9:24552937	SSF x Near_LoA	-7,36872806	0,077	0,301
CHR9	24552987	CHR9:24552987	SSF x Near_LoA	-8,31340209	0,140	0,297
CHR9	24577897	CHR9:24577897	SSF x Near_LoA	-8,05283875	-0,026	0,308
CHR9	24577914	CHR9:24577914	SSF x Near_LoA	-4,58297523	0,098	0,302
CHR9	24577916	CHR9:24577916	SSF x Near_LoA	-7,58354479	0,027	0,325
CHR9	24590696	CHR9:24590696	SSF x Near_LoA	-10,3594961	0,069	0,320
CHR9	24596490	CHR9:24596490	SSF x Near_LoA	-8,69068612	0,093	0,318
CHR9	24596568	CHR9:24596568	SSF x Near_LoA	-7,56093196	0,070	0,297
CHR9	24596601	CHR9:24596601	SSF x Near_LoA	-5,64346339	-0,060	0,296
CHR9	24596635	CHR9:24596635	SSF x Near_LoA	-10,0312788	-0,013	0,298
CHR9	24596650	CHR9:24596650	SSF x Near_LoA	-10,1161014	-0,107	0,300
CHR9	24596660	CHR9:24596660	SSF x Near_LoA	-11,1978557	0,058	0,292
CHR9	24596662	CHR9:24596662	SSF x Near_LoA	-9,36801476	-0,088	0,308
CHR9	24596663	CHR9:24596663	SSF x Near_LoA	-10,0650043	-0,080	0,296
CHR9	24596665	CHR9:24596665	SSF x Near_LoA	-8,7653677	0,076	0,296
CHR9	24596680	CHR9:24596680	SSF x Near_LoA	-5,83946403	0,030	0,310
CHR9	24603668	CHR9:24603668	SSF x Near_LoA	-9,61124028	-0,003	0,304
CHR9	24611221	CHR9:24611221	SSF x Near_LoA	-11,6827578	-0,072	0,298
CHR9	24612453	CHR9:24612453	SSF x Near_LoA	-9,98364936	-0,106	0,312
CHR9	24612497	CHR9:24612497	SSF x Near_LoA	-10,1819184	-0,057	0,318
CHR9	24612514	CHR9:24612514	SSF x Near_LoA	-9,75417784	0,021	0,298
CHR9	24612549	CHR9:24612549	SSF x Near_LoA	-10,3531412	0,023	0,300
CHR9	24632528	CHR9:24632528	SSF x Near_LoA	-9,20122861	-0,018	0,310
CHR9	24632548	CHR9:24632548	SSF x Near_LoA	-7,73838624	0,165	0,298
CHR9	2463724	CHR9:2463724	SSF x Near_LoA	-11,5420927	-0,079	0,284
CHR9	2463858	CHR9:2463858	SSF x Near_LoA	-6,20983056	-0,020	0,312
CHR9	2463869	CHR9:2463869	SSF x Near_LoA	-8,78266237	-0,026	0,307
CHR9	2463916	CHR9:2463916	SSF x Near_LoA	-5,34231271	-0,015	0,316
CHR9	2463943	CHR9:2463943	SSF x Near_LoA	-9,47079123	-0,032	0,314
CHR9	2463969	CHR9:2463969	SSF x Near_LoA	-9,18554067	0,030	0,308
CHR9	24647665	CHR9:24647665	SSF x Near_LoA	-9,83027125	-0,070	0,310
CHR9	24652329	CHR9:24652329	SSF x Near_LoA	-9,1551164	-0,055	0,318

CHR9	24654669	CHR9:24654669	SSF x Near_LoA	-8,86141232	-0,053	0,304
CHR9	24654703	CHR9:24654703	SSF x Near_LoA	-10,1877742	-0,011	0,300
CHR9	2465803	CHR9:2465803	SSF x Near_LoA	-8,9124717	0,002	0,312
CHR9	2465806	CHR9:2465806	SSF x Near_LoA	-9,93684934	-0,028	0,325
CHR9	2465855	CHR9:2465855	SSF x Near_LoA	-11,3759218	0,029	0,306
CHR9	24659199	CHR9:24659199	SSF x Near_LoA	-9,01175343	0,127	0,292
CHR9	24659257	CHR9:24659257	SSF x Near_LoA	-10,3768839	-0,095	0,307
CHR9	24659262	CHR9:24659262	SSF x Near_LoA	-10,705366	0,106	0,305
CHR9	24659328	CHR9:24659328	SSF x Near_LoA	-9,76697693	0,143	0,306
CHR9	24659451	CHR9:24659451	SSF x Near_LoA	-10,6429542	0,007	0,300
CHR9	24661566	CHR9:24661566	SSF x Near_LoA	-10,043774	0,086	0,310
CHR9	24671993	CHR9:24671993	SSF x Near_LoA	-7,49262757	0,006	0,320
CHR9	24672052	CHR9:24672052	SSF x Near_LoA	-10,5427256	0,066	0,291
CHR9	24672076	CHR9:24672076	SSF x Near_LoA	-8,6899174	0,031	0,305
CHR9	24685058	CHR9:24685058	SSF x Near_LoA	-10,5913318	-0,108	0,310
CHR9	24685063	CHR9:24685063	SSF x Near_LoA	-6,88962969	-0,092	0,320
CHR9	24685204	CHR9:24685204	SSF x Near_LoA	-8,3847127	-0,003	0,316
CHR9	24685431	CHR9:24685431	SSF x Near_LoA	-7,35851219	0,009	0,323
CHR9	24685493	CHR9:24685493	SSF x Near_LoA	-9,26291636	-0,053	0,301
CHR9	24689227	CHR9:24689227	SSF x Near_LoA	-8,75291531	-0,200	0,295
CHR9	24689261	CHR9:24689261	SSF x Near_LoA	-5,43448143	0,224	0,285
CHR9	24696763	CHR9:24696763	SSF x Near_LoA	-8,90160258	-0,058	0,310
CHR9	24696770	CHR9:24696770	SSF x Near_LoA	-10,6528241	-0,090	0,296
CHR9	24696797	CHR9:24696797	SSF x Near_LoA	-8,7001329	0,002	0,294
CHR9	24696808	CHR9:24696808	SSF x Near_LoA	-9,86128152	-0,033	0,295
CHR9	24696809	CHR9:24696809	SSF x Near_LoA	-9,45113657	-0,040	0,316
CHR9	24696880	CHR9:24696880	SSF x Near_LoA	-9,31757366	-0,049	0,309
CHR9	24708044	CHR9:24708044	SSF x Near_LoA	-12,2156141	-0,081	0,304
CHR9	24708048	CHR9:24708048	SSF x Near_LoA	-11,8231587	-0,062	0,304
CHR9	24712251	CHR9:24712251	SSF x Near_LoA	-8,36982833	-0,110	0,300
CHR9	24712473	CHR9:24712473	SSF x Near_LoA	-8,92683664	-0,067	0,293
CHR9	24715931	CHR9:24715931	SSF x Near_LoA	-8,64102784	0,027	0,320
CHR9	24715976	CHR9:24715976	SSF x Near_LoA	-9,94324092	0,026	0,298
CHR9	24717774	CHR9:24717774	SSF x Near_LoA	-11,3945412	-0,033	0,302
CHR9	24752347	CHR9:24752347	SSF x Near_LoA	-9,21280443	0,062	0,300
CHR9	24752369	CHR9:24752369	SSF x Near_LoA	-9,44086092	-0,031	0,308
CHR9	24752630	CHR9:24752630	SSF x Near_LoA	-9,0703144	-0,187	0,305
CHR9	24762743	CHR9:24762743	SSF x Near_LoA	-9,85629588	-0,043	0,315
CHR9	24765411	CHR9:24765411	SSF x Near_LoA	-9,13860963	-0,001	0,300
CHR9	2477298	CHR9:2477298	SSF x Near_LoA	-7,70351998	-0,149	0,306
CHR9	24779035	CHR9:24779035	SSF x Near_LoA	-8,96143827	-0,089	0,319
CHR9	24781907	CHR9:24781907	SSF x Near_LoA	-7,45353827	-0,048	0,315
CHR9	24781913	CHR9:24781913	SSF x Near_LoA	-8,80062085	-0,074	0,312
CHR9	24781949	CHR9:24781949	SSF x Near_LoA	-11,0887382	-0,074	0,309
CHR9	24781976	CHR9:24781976	SSF x Near_LoA	-10,6165914	0,070	0,289
CHR9	24782070	CHR9:24782070	SSF x Near_LoA	-0,61537571	-0,019	0,309
CHR9	24787267	CHR9:24787267	SSF x Near_LoA	-11,5512389	-0,041	0,321
CHR9	24787309	CHR9:24787309	SSF x Near_LoA	-11,1417071	0,023	0,298
CHR9	24787310	CHR9:24787310	SSF x Near_LoA	-4,1202738	0,008	0,316
CHR9	24789955	CHR9:24789955	SSF x Near_LoA	-10,2102726	-0,085	0,308
CHR9	24789994	CHR9:24789994	SSF x Near_LoA	-8,20648955	0,027	0,303
CHR9	24790105	CHR9:24790105	SSF x Near_LoA	-9,38106713	0,001	0,313
CHR9	2480239	CHR9:2480239	SSF x Near_LoA	-9,09866929	0,046	0,298

CHR9	2480807	CHR9:2480807	SSF x Near_LoA	-10,4425995	-0,071	0,311
CHR9	2480919	CHR9:2480919	SSF x Near_LoA	-9,74531657	-0,013	0,309
CHR9	24809794	CHR9:24809794	SSF x Near_LoA	-7,299821	-0,060	0,327
CHR9	24815896	CHR9:24815896	SSF x Near_LoA	-9,81838334	-0,040	0,317
CHR9	24816068	CHR9:24816068	SSF x Near_LoA	-10,3236228	0,031	0,306
CHR9	24816200	CHR9:24816200	SSF x Near_LoA	-10,8860437	-0,015	0,292
CHR9	24816225	CHR9:24816225	SSF x Near_LoA	-11,3895237	0,075	0,307
CHR9	24816268	CHR9:24816268	SSF x Near_LoA	-8,70304488	-0,018	0,306
CHR9	24830565	CHR9:24830565	SSF x Near_LoA	-9,24063372	0,014	0,308
CHR9	24830657	CHR9:24830657	SSF x Near_LoA	-9,97812056	0,011	0,298
CHR9	24830722	CHR9:24830722	SSF x Near_LoA	-8,7725152	-0,029	0,302
CHR9	24855296	CHR9:24855296	SSF x Near_LoA	-9,55568508	0,061	0,304
CHR9	24855419	CHR9:24855419	SSF x Near_LoA	-9,74271023	0,088	0,301
CHR9	24855436	CHR9:24855436	SSF x Near_LoA	-10,6042277	-0,020	0,314
CHR9	24856153	CHR9:24856153	SSF x Near_LoA	-10,432732	0,128	0,300
CHR9	24856167	CHR9:24856167	SSF x Near_LoA	-7,25161629	0,103	0,308
CHR9	24856270	CHR9:24856270	SSF x Near_LoA	-8,77179687	-0,084	0,306
CHR9	24857106	CHR9:24857106	SSF x Near_LoA	-9,64364522	0,060	0,304
CHR9	24857152	CHR9:24857152	SSF x Near_LoA	-10,366545	-0,063	0,300
CHR9	24859908	CHR9:24859908	SSF x Near_LoA	-9,3525101	0,006	0,308
CHR9	24863387	CHR9:24863387	SSF x Near_LoA	-9,90619825	-0,072	0,311
CHR9	24863593	CHR9:24863593	SSF x Near_LoA	-0,98052008	0,018	0,301
CHR9	24863674	CHR9:24863674	SSF x Near_LoA	-10,495442	-0,041	0,297
CHR9	24863687	CHR9:24863687	SSF x Near_LoA	-9,08668179	-0,078	0,304
CHR9	24863696	CHR9:24863696	SSF x Near_LoA	-8,0198306	0,018	0,319
CHR9	24866159	CHR9:24866159	SSF x Near_LoA	-10,6172875	-0,091	0,306
CHR9	24866267	CHR9:24866267	SSF x Near_LoA	-10,4414592	0,042	0,295
CHR9	24866278	CHR9:24866278	SSF x Near_LoA	-5,28435862	0,053	0,302
CHR9	24866290	CHR9:24866290	SSF x Near_LoA	-10,3373275	0,022	0,313
CHR9	24866298	CHR9:24866298	SSF x Near_LoA	-6,55307584	-0,012	0,306
CHR9	24866304	CHR9:24866304	SSF x Near_LoA	-10,2391506	0,024	0,317
CHR9	24866362	CHR9:24866362	SSF x Near_LoA	-10,0380227	-0,025	0,307
CHR9	24866370	CHR9:24866370	SSF x Near_LoA	-8,59342523	0,075	0,313
CHR9	24878757	CHR9:24878757	SSF x Near_LoA	-8,24568693	-0,053	0,305
CHR9	2488645	CHR9:2488645	SSF x Near_LoA	-10,9859321	0,043	0,307
CHR9	2488664	CHR9:2488664	SSF x Near_LoA	-7,57902724	-0,186	0,301
CHR9	2488672	CHR9:2488672	SSF x Near_LoA	-5,7321717	-0,069	0,308
CHR9	2488704	CHR9:2488704	SSF x Near_LoA	-8,13716937	0,109	0,303
CHR9	2488720	CHR9:2488720	SSF x Near_LoA	-11,0660358	-0,091	0,306
CHR9	2488729	CHR9:2488729	SSF x Near_LoA	-10,215887	0,076	0,309
CHR9	2488926	CHR9:2488926	SSF x Near_LoA	-10,775378	-0,051	0,303
CHR9	2488975	CHR9:2488975	SSF x Near_LoA	-11,0564458	-0,038	0,300
CHR9	24891163	CHR9:24891163	SSF x Near_LoA	-10,9329895	-0,007	0,306
CHR9	24899351	CHR9:24899351	SSF x Near_LoA	-8,56841742	-0,112	0,302
CHR9	24905260	CHR9:24905260	SSF x Near_LoA	-11,8549114	-0,054	0,303
CHR9	24905360	CHR9:24905360	SSF x Near_LoA	-11,2730622	0,034	0,287
CHR9	24910043	CHR9:24910043	SSF x Near_LoA	-9,37909173	0,088	0,302
CHR9	24910131	CHR9:24910131	SSF x Near_LoA	-9,17008401	-0,067	0,295
CHR9	24910321	CHR9:24910321	SSF x Near_LoA	-7,07032392	-0,043	0,306
CHR9	24913655	CHR9:24913655	SSF x Near_LoA	-8,34276793	0,068	0,327
CHR9	24913663	CHR9:24913663	SSF x Near_LoA	-7,4853405	0,097	0,294
CHR9	2491679	CHR9:2491679	SSF x Near_LoA	-3,96215324	0,224	0,303
CHR9	2491695	CHR9:2491695	SSF x Near_LoA	-8,19078828	-0,016	0,310

CHR9	2491723	CHR9:2491723	SSF x Near_LoA	-9,34223653	0,094	0,322
CHR9	2491739	CHR9:2491739	SSF x Near_LoA	-5,15148844	-0,132	0,309
CHR9	2491750	CHR9:2491750	SSF x Near_LoA	-10,9765628	0,069	0,306
CHR9	2491760	CHR9:2491760	SSF x Near_LoA	-7,36899707	0,025	0,305
CHR9	2491789	CHR9:2491789	SSF x Near_LoA	-10,217993	0,114	0,297
CHR9	2491811	CHR9:2491811	SSF x Near_LoA	-11,0909829	-0,008	0,304
CHR9	24919960	CHR9:24919960	SSF x Near_LoA	-9,88716247	0,017	0,305
CHR9	24919995	CHR9:24919995	SSF x Near_LoA	-11,4236449	0,035	0,308
CHR9	24920003	CHR9:24920003	SSF x Near_LoA	-11,4942215	-0,025	0,300
CHR9	24932008	CHR9:24932008	SSF x Near_LoA	-10,259664	0,063	0,303
CHR9	24932134	CHR9:24932134	SSF x Near_LoA	-9,87538282	-0,078	0,304
CHR9	24932181	CHR9:24932181	SSF x Near_LoA	-8,27930214	-0,070	0,304
CHR9	24932247	CHR9:24932247	SSF x Near_LoA	-10,6790285	0,037	0,312
CHR9	24936650	CHR9:24936650	SSF x Near_LoA	-10,2464621	-0,018	0,310
CHR9	24938385	CHR9:24938385	SSF x Near_LoA	-8,66928227	-0,038	0,309
CHR9	24938466	CHR9:24938466	SSF x Near_LoA	-10,4545684	0,075	0,313
CHR9	24947838	CHR9:24947838	SSF x Near_LoA	-10,3724253	0,035	0,306
CHR9	24947851	CHR9:24947851	SSF x Near_LoA	-10,9883851	-0,062	0,310
CHR9	24947911	CHR9:24947911	SSF x Near_LoA	-10,8534893	-0,152	0,301
CHR9	24950421	CHR9:24950421	SSF x Near_LoA	-9,44578231	0,086	0,316
CHR9	24960257	CHR9:24960257	SSF x Near_LoA	-8,85112964	-0,021	0,331
CHR9	24960460	CHR9:24960460	SSF x Near_LoA	-9,22569098	-0,076	0,301
CHR9	24960488	CHR9:24960488	SSF x Near_LoA	-9,02723762	0,054	0,311
CHR9	24962703	CHR9:24962703	SSF x Near_LoA	-8,62908539	-0,017	0,306
CHR9	24962715	CHR9:24962715	SSF x Near_LoA	-10,9572069	-0,030	0,299
CHR9	24966215	CHR9:24966215	SSF x Near_LoA	-7,80680256	-0,125	0,290
CHR9	24970458	CHR9:24970458	SSF x Near_LoA	-6,12886044	-0,073	0,302
CHR9	24975118	CHR9:24975118	SSF x Near_LoA	-8,73087341	0,079	0,293
CHR9	2498300	CHR9:2498300	SSF x Near_LoA	-10,3500259	-0,092	0,303
CHR9	249836	CHR9:249836	SSF x Near_LoA	-8,87873767	0,073	0,308
CHR9	24984457	CHR9:24984457	SSF x Near_LoA	-6,5171282	0,061	0,307
CHR9	24985381	CHR9:24985381	SSF x Near_LoA	-8,72934443	-0,032	0,306
CHR9	24985394	CHR9:24985394	SSF x Near_LoA	-6,86063038	0,007	0,316
CHR9	24985398	CHR9:24985398	SSF x Near_LoA	-8,29092344	-0,015	0,311
CHR9	24987166	CHR9:24987166	SSF x Near_LoA	-10,6912752	0,008	0,317
CHR9	24987405	CHR9:24987405	SSF x Near_LoA	-10,935081	-0,011	0,307
CHR9	24987419	CHR9:24987419	SSF x Near_LoA	-6,59923196	0,063	0,327
CHR9	2498793	CHR9:2498793	SSF x Near_LoA	-9,90729856	-0,075	0,296
CHR9	2498799	CHR9:2498799	SSF x Near_LoA	-9,00327332	0,053	0,309
CHR9	2498804	CHR9:2498804	SSF x Near_LoA	-11,1983558	0,013	0,300
CHR9	2498876	CHR9:2498876	SSF x Near_LoA	-9,6829717	-0,074	0,298
CHR9	2498904	CHR9:2498904	SSF x Near_LoA	-8,33850686	-0,098	0,287
CHR9	2498913	CHR9:2498913	SSF x Near_LoA	-6,97318945	-0,105	0,295
CHR9	24998611	CHR9:24998611	SSF x Near_LoA	-8,68560366	-0,076	0,316
CHR9	24998648	CHR9:24998648	SSF x Near_LoA	-8,04105687	-0,003	0,301
CHR9	25025713	CHR9:25025713	SSF x Near_LoA	-10,0176701	0,145	0,310
CHR9	25025751	CHR9:25025751	SSF x Near_LoA	-9,70821702	-0,060	0,305
CHR9	25025753	CHR9:25025753	SSF x Near_LoA	-12,0238977	-0,005	0,291
CHR9	25025839	CHR9:25025839	SSF x Near_LoA	-9,94368721	-0,064	0,293
CHR9	25025846	CHR9:25025846	SSF x Near_LoA	-9,29946486	-0,023	0,317
CHR9	25030387	CHR9:25030387	SSF x Near_LoA	-7,42327462	-0,027	0,300
CHR9	25056263	CHR9:25056263	SSF x Near_LoA	-9,45475831	0,002	0,300
CHR9	25056392	CHR9:25056392	SSF x Near_LoA	-5,62557747	0,177	0,293

CHR9	25056442	CHR9:25056442	SSF x Near_LoA	-8,13363541	-0,084	0,300
CHR9	25056518	CHR9:25056518	SSF x Near_LoA	-8,35513397	0,141	0,303
CHR9	25056530	CHR9:25056530	SSF x Near_LoA	-8,82800241	-0,009	0,307
CHR9	25062910	CHR9:25062910	SSF x Near_LoA	-10,2011461	0,015	0,304
CHR9	25062946	CHR9:25062946	SSF x Near_LoA	-11,5182803	0,031	0,305
CHR9	25064787	CHR9:25064787	SSF x Near_LoA	-6,96343798	-0,019	0,300
CHR9	25078641	CHR9:25078641	SSF x Near_LoA	-9,02130143	0,108	0,305
CHR9	25078645	CHR9:25078645	SSF x Near_LoA	-6,01436107	-0,065	0,320
CHR9	25078660	CHR9:25078660	SSF x Near_LoA	-7,69784229	0,082	0,303
CHR9	25078668	CHR9:25078668	SSF x Near_LoA	-8,46138602	-0,031	0,301
CHR9	25078669	CHR9:25078669	SSF x Near_LoA	-10,0662981	-0,014	0,303
CHR9	25078718	CHR9:25078718	SSF x Near_LoA	-9,79381994	-0,071	0,321
CHR9	25078720	CHR9:25078720	SSF x Near_LoA	-8,23224205	-0,043	0,302
CHR9	25078804	CHR9:25078804	SSF x Near_LoA	-11,1542589	-0,053	0,300
CHR9	25080749	CHR9:25080749	SSF x Near_LoA	-12,0237598	0,039	0,307
CHR9	25080858	CHR9:25080858	SSF x Near_LoA	-11,2629385	0,014	0,317
CHR9	2508364	CHR9:2508364	SSF x Near_LoA	-7,81170697	-0,097	0,297
CHR9	2508395	CHR9:2508395	SSF x Near_LoA	-6,10107148	-0,055	0,308
CHR9	2508442	CHR9:2508442	SSF x Near_LoA	-8,57869802	0,007	0,320
CHR9	25087292	CHR9:25087292	SSF x Near_LoA	-7,00930708	0,090	0,307
CHR9	25087320	CHR9:25087320	SSF x Near_LoA	-12,07966	-0,037	0,288
CHR9	25087368	CHR9:25087368	SSF x Near_LoA	-7,86287866	0,059	0,314
CHR9	25089434	CHR9:25089434	SSF x Near_LoA	-8,81613537	0,132	0,304
CHR9	25089471	CHR9:25089471	SSF x Near_LoA	-10,4867455	0,088	0,303
CHR9	25089474	CHR9:25089474	SSF x Near_LoA	-9,36057035	-0,066	0,314
CHR9	25105341	CHR9:25105341	SSF x Near_LoA	-9,40209627	-0,008	0,299
CHR9	25105342	CHR9:25105342	SSF x Near_LoA	-9,35824197	0,009	0,288
CHR9	25107520	CHR9:25107520	SSF x Near_LoA	-10,9948709	-0,056	0,309
CHR9	25107525	CHR9:25107525	SSF x Near_LoA	-8,11739489	0,063	0,312
CHR9	25110769	CHR9:25110769	SSF x Near_LoA	-5,94385678	-0,078	0,318
CHR9	25136957	CHR9:25136957	SSF x Near_LoA	-9,07996182	-0,053	0,305
CHR9	2513757	CHR9:2513757	SSF x Near_LoA	-11,534865	0,053	0,292
CHR9	2513798	CHR9:2513798	SSF x Near_LoA	-8,64678307	0,010	0,308
CHR9	2513829	CHR9:2513829	SSF x Near_LoA	-9,34806225	0,011	0,306
CHR9	2513874	CHR9:2513874	SSF x Near_LoA	-9,24463916	-0,028	0,303
CHR9	25138760	CHR9:25138760	SSF x Near_LoA	-8,12575972	0,121	0,299
CHR9	25138809	CHR9:25138809	SSF x Near_LoA	1,44019128	-0,251	0,294
CHR9	25138865	CHR9:25138865	SSF x Near_LoA	-9,82410623	0,063	0,294
CHR9	25145617	CHR9:25145617	SSF x Near_LoA	-10,0891831	-0,091	0,297
CHR9	2515208	CHR9:2515208	SSF x Near_LoA	-11,4515089	-0,062	0,303
CHR9	25152802	CHR9:25152802	SSF x Near_LoA	-7,76886945	-0,094	0,313
CHR9	2515316	CHR9:2515316	SSF x Near_LoA	-11,428505	-0,087	0,300
CHR9	25153380	CHR9:25153380	SSF x Near_LoA	-8,34650088	0,046	0,306
CHR9	2515340	CHR9:2515340	SSF x Near_LoA	-10,4163903	0,121	0,299
CHR9	25153542	CHR9:25153542	SSF x Near_LoA	-10,138158	-0,040	0,305
CHR9	25161975	CHR9:25161975	SSF x Near_LoA	-8,86002419	-0,058	0,302
CHR9	25166879	CHR9:25166879	SSF x Near_LoA	-8,71404752	-0,034	0,304
CHR9	25166911	CHR9:25166911	SSF x Near_LoA	-9,54604161	0,044	0,305
CHR9	25170475	CHR9:25170475	SSF x Near_LoA	-7,13751025	-0,111	0,299
CHR9	25170477	CHR9:25170477	SSF x Near_LoA	-5,22788042	0,030	0,298
CHR9	25170545	CHR9:25170545	SSF x Near_LoA	-7,10402601	-0,094	0,298
CHR9	25179901	CHR9:25179901	SSF x Near_LoA	-10,0376296	0,118	0,307
CHR9	25179959	CHR9:25179959	SSF x Near_LoA	-10,1572431	0,001	0,309

CHR9	25180024	CHR9:25180024	SSF x Near_LoA	-10,7626924	-0,001	0,303
CHR9	25199652	CHR9:25199652	SSF x Near_LoA	-9,26542201	-0,009	0,303
CHR9	25199653	CHR9:25199653	SSF x Near_LoA	-8,95190156	-0,027	0,312
CHR9	25199694	CHR9:25199694	SSF x Near_LoA	-11,2441939	0,074	0,306
CHR9	25199716	CHR9:25199716	SSF x Near_LoA	-10,0315064	0,071	0,304
CHR9	25199720	CHR9:25199720	SSF x Near_LoA	-10,9633796	0,013	0,297
CHR9	2520203	CHR9:2520203	SSF x Near_LoA	-8,16261008	-0,047	0,311
CHR9	2520258	CHR9:2520258	SSF x Near_LoA	-11,1805113	-0,064	0,304
CHR9	25203885	CHR9:25203885	SSF x Near_LoA	-7,21022617	0,139	0,306
CHR9	25203911	CHR9:25203911	SSF x Near_LoA	-11,68277	0,004	0,304
CHR9	25211079	CHR9:25211079	SSF x Near_LoA	-11,3769964	-0,089	0,303
CHR9	25211243	CHR9:25211243	SSF x Near_LoA	-11,1167974	0,040	0,305
CHR9	25211279	CHR9:25211279	SSF x Near_LoA	-10,3777868	0,021	0,310
CHR9	25231993	CHR9:25231993	SSF x Near_LoA	-9,86762795	0,031	0,310
CHR9	25232004	CHR9:25232004	SSF x Near_LoA	-9,7164812	0,057	0,308
CHR9	25232018	CHR9:25232018	SSF x Near_LoA	-9,76750369	-0,065	0,308
CHR9	25232378	CHR9:25232378	SSF x Near_LoA	-5,46325913	-0,151	0,304
CHR9	25243403	CHR9:25243403	SSF x Near_LoA	-10,6711749	-0,062	0,308
CHR9	25243416	CHR9:25243416	SSF x Near_LoA	-6,05255359	-0,131	0,306
CHR9	25243419	CHR9:25243419	SSF x Near_LoA	-12,240832	-0,007	0,307
CHR9	25243430	CHR9:25243430	SSF x Near_LoA	-9,28885766	-0,025	0,290
CHR9	25243451	CHR9:25243451	SSF x Near_LoA	-9,63934437	0,020	0,316
CHR9	25243452	CHR9:25243452	SSF x Near_LoA	-8,28727164	-0,096	0,319
CHR9	25243478	CHR9:25243478	SSF x Near_LoA	-8,58588646	0,054	0,290
CHR9	25253602	CHR9:25253602	SSF x Near_LoA	-11,342656	0,102	0,301
CHR9	25253677	CHR9:25253677	SSF x Near_LoA	-8,97023438	-0,073	0,306
CHR9	25253783	CHR9:25253783	SSF x Near_LoA	-9,70296316	-0,058	0,303
CHR9	25253828	CHR9:25253828	SSF x Near_LoA	-11,3464338	0,003	0,304
CHR9	25253874	CHR9:25253874	SSF x Near_LoA	-9,98648746	0,073	0,305
CHR9	25253933	CHR9:25253933	SSF x Near_LoA	-7,08256664	-0,142	0,326
CHR9	25253936	CHR9:25253936	SSF x Near_LoA	-9,80460674	0,028	0,314
CHR9	25255193	CHR9:25255193	SSF x Near_LoA	-11,6555817	-0,005	0,312
CHR9	25255228	CHR9:25255228	SSF x Near_LoA	-10,4551033	0,003	0,300
CHR9	25255307	CHR9:25255307	SSF x Near_LoA	-10,2590439	0,039	0,295
CHR9	25258806	CHR9:25258806	SSF x Near_LoA	-8,02867858	0,079	0,306
CHR9	25259955	CHR9:25259955	SSF x Near_LoA	-11,3376705	-0,062	0,306
CHR9	25260019	CHR9:25260019	SSF x Near_LoA	-9,01893285	0,111	0,299
CHR9	25264336	CHR9:25264336	SSF x Near_LoA	-9,39884474	0,157	0,289
CHR9	25264352	CHR9:25264352	SSF x Near_LoA	-7,49865638	0,161	0,293
CHR9	25264356	CHR9:25264356	SSF x Near_LoA	-6,80654443	0,200	0,292
CHR9	25264389	CHR9:25264389	SSF x Near_LoA	-8,80788707	0,173	0,281
CHR9	25264405	CHR9:25264405	SSF x Near_LoA	-1,83548502	-0,145	0,314
CHR9	25266188	CHR9:25266188	SSF x Near_LoA	-10,8234321	0,072	0,307
CHR9	25288062	CHR9:25288062	SSF x Near_LoA	-10,6802887	-0,029	0,299
CHR9	25288112	CHR9:25288112	SSF x Near_LoA	-9,66394582	-0,096	0,307
CHR9	25288902	CHR9:25288902	SSF x Near_LoA	-8,55090114	-0,042	0,301
CHR9	25288921	CHR9:25288921	SSF x Near_LoA	-9,48740103	0,044	0,302
CHR9	25288932	CHR9:25288932	SSF x Near_LoA	-9,83608887	-0,095	0,314
CHR9	25295480	CHR9:25295480	SSF x Near_LoA	-7,82861005	-0,011	0,315
CHR9	25295535	CHR9:25295535	SSF x Near_LoA	-8,0062463	-0,079	0,320
CHR9	25295581	CHR9:25295581	SSF x Near_LoA	-10,8295735	-0,028	0,301
CHR9	25295654	CHR9:25295654	SSF x Near_LoA	-7,993305	0,064	0,311
CHR9	25295656	CHR9:25295656	SSF x Near_LoA	-10,7203269	0,013	0,302

CHR9	25295679	CHR9:25295679	SSF x Near_LoA	-6,13602716	-0,102	0,308
CHR9	25295704	CHR9:25295704	SSF x Near_LoA	-7,36258783	0,011	0,312
CHR9	25301770	CHR9:25301770	SSF x Near_LoA	-4,57931175	-0,061	0,320
CHR9	25303720	CHR9:25303720	SSF x Near_LoA	-10,2171257	0,025	0,308
CHR9	25303721	CHR9:25303721	SSF x Near_LoA	-8,11499895	0,023	0,316
CHR9	25312036	CHR9:25312036	SSF x Near_LoA	-8,8577363	0,050	0,304
CHR9	25312246	CHR9:25312246	SSF x Near_LoA	-11,056162	-0,015	0,298
CHR9	2532160	CHR9:2532160	SSF x Near_LoA	-12,3740804	-0,018	0,299
CHR9	2532196	CHR9:2532196	SSF x Near_LoA	-11,5376787	-0,029	0,315
CHR9	2532226	CHR9:2532226	SSF x Near_LoA	-9,21114846	0,099	0,291
CHR9	25322738	CHR9:25322738	SSF x Near_LoA	-11,118193	0,043	0,293
CHR9	25334125	CHR9:25334125	SSF x Near_LoA	-11,2313057	0,013	0,314
CHR9	25334191	CHR9:25334191	SSF x Near_LoA	-8,75172485	-0,011	0,298
CHR9	25334221	CHR9:25334221	SSF x Near_LoA	-10,5437347	-0,082	0,314
CHR9	25334247	CHR9:25334247	SSF x Near_LoA	-8,51100079	-0,057	0,306
CHR9	25335157	CHR9:25335157	SSF x Near_LoA	-10,3372655	0,015	0,300
CHR9	25335187	CHR9:25335187	SSF x Near_LoA	-10,0635968	-0,114	0,301
CHR9	25341429	CHR9:25341429	SSF x Near_LoA	-7,82465567	0,016	0,313
CHR9	25341483	CHR9:25341483	SSF x Near_LoA	-9,63576635	0,010	0,299
CHR9	25341557	CHR9:25341557	SSF x Near_LoA	-10,6024131	-0,077	0,313
CHR9	25345320	CHR9:25345320	SSF x Near_LoA	-8,70940192	0,143	0,307
CHR9	25345399	CHR9:25345399	SSF x Near_LoA	-10,5194011	0,014	0,305
CHR9	25346139	CHR9:25346139	SSF x Near_LoA	-9,59395068	-0,102	0,311
CHR9	25347314	CHR9:25347314	SSF x Near_LoA	-8,87793244	-0,024	0,319
CHR9	25347364	CHR9:25347364	SSF x Near_LoA	-8,44065468	-0,010	0,309
CHR9	25347378	CHR9:25347378	SSF x Near_LoA	-7,91124572	0,035	0,305
CHR9	25347433	CHR9:25347433	SSF x Near_LoA	-9,27295432	-0,047	0,294
CHR9	25347445	CHR9:25347445	SSF x Near_LoA	-8,98388357	-0,012	0,321
CHR9	25348347	CHR9:25348347	SSF x Near_LoA	-10,653313	-0,107	0,310
CHR9	25351138	CHR9:25351138	SSF x Near_LoA	-8,91968188	-0,056	0,298
CHR9	25351150	CHR9:25351150	SSF x Near_LoA	-7,80034189	0,014	0,297
CHR9	25351184	CHR9:25351184	SSF x Near_LoA	-7,72284435	0,082	0,310
CHR9	25351197	CHR9:25351197	SSF x Near_LoA	-9,89104513	0,041	0,313
CHR9	25351199	CHR9:25351199	SSF x Near_LoA	-9,18832123	0,057	0,306
CHR9	25360538	CHR9:25360538	SSF x Near_LoA	-10,5095784	0,014	0,313
CHR9	25360712	CHR9:25360712	SSF x Near_LoA	-9,04832375	0,149	0,303
CHR9	25360718	CHR9:25360718	SSF x Near_LoA	-4,52377981	0,183	0,302
CHR9	25362024	CHR9:25362024	SSF x Near_LoA	-7,82387778	-0,131	0,295
CHR9	25362117	CHR9:25362117	SSF x Near_LoA	-8,54114434	-0,110	0,304
CHR9	25362166	CHR9:25362166	SSF x Near_LoA	-9,80654059	0,073	0,303
CHR9	25362194	CHR9:25362194	SSF x Near_LoA	-10,625298	0,109	0,300
CHR9	25362229	CHR9:25362229	SSF x Near_LoA	-6,88053341	0,053	0,307
CHR9	25364038	CHR9:25364038	SSF x Near_LoA	-11,1374942	-0,009	0,299
CHR9	25376337	CHR9:25376337	SSF x Near_LoA	-8,62542256	-0,026	0,318
CHR9	25378993	CHR9:25378993	SSF x Near_LoA	-9,87205136	-0,092	0,312
CHR9	25388137	CHR9:25388137	SSF x Near_LoA	-10,5998088	0,084	0,304
CHR9	25388183	CHR9:25388183	SSF x Near_LoA	-9,16746028	-0,018	0,294
CHR9	25388210	CHR9:25388210	SSF x Near_LoA	-10,6955889	-0,075	0,309
CHR9	25389227	CHR9:25389227	SSF x Near_LoA	-10,0592128	-0,048	0,309
CHR9	25390309	CHR9:25390309	SSF x Near_LoA	-12,1232238	0,029	0,294
CHR9	25390333	CHR9:25390333	SSF x Near_LoA	-10,9050384	-0,050	0,305
CHR9	25393157	CHR9:25393157	SSF x Near_LoA	-10,3507275	0,047	0,311
CHR9	25393234	CHR9:25393234	SSF x Near_LoA	-7,59419939	0,011	0,294

CHR9	25395330	CHR9:25395330	SSF x Near_LoA	-8,57287951	-0,044	0,312
CHR9	25395339	CHR9:25395339	SSF x Near_LoA	-9,07431699	0,050	0,302
CHR9	25395345	CHR9:25395345	SSF x Near_LoA	-8,31346624	0,106	0,293
CHR9	2540257	CHR9:2540257	SSF x Near_LoA	-7,41172793	-0,175	0,290
CHR9	2540354	CHR9:2540354	SSF x Near_LoA	-8,51740931	-0,188	0,303
CHR9	2540455	CHR9:2540455	SSF x Near_LoA	-8,36851816	0,016	0,314
CHR9	25404921	CHR9:25404921	SSF x Near_LoA	-10,571596	-0,039	0,301
CHR9	2540499	CHR9:2540499	SSF x Near_LoA	-7,91230176	0,145	0,292
CHR9	25406147	CHR9:25406147	SSF x Near_LoA	-8,31209366	0,119	0,296
CHR9	25406169	CHR9:25406169	SSF x Near_LoA	-9,74270634	0,039	0,309
CHR9	25406211	CHR9:25406211	SSF x Near_LoA	-9,31293865	-0,065	0,303
CHR9	25406214	CHR9:25406214	SSF x Near_LoA	-4,09345508	-0,077	0,311
CHR9	25406218	CHR9:25406218	SSF x Near_LoA	-4,4257763	-0,043	0,297
CHR9	25408380	CHR9:25408380	SSF x Near_LoA	-7,25635002	0,092	0,301
CHR9	25413028	CHR9:25413028	SSF x Near_LoA	-11,2718373	-0,057	0,294
CHR9	25413151	CHR9:25413151	SSF x Near_LoA	-9,47248645	-0,009	0,314
CHR9	25421104	CHR9:25421104	SSF x Near_LoA	-7,66097218	-0,055	0,308
CHR9	25421132	CHR9:25421132	SSF x Near_LoA	-9,83653492	-0,067	0,316
CHR9	25422012	CHR9:25422012	SSF x Near_LoA	-7,87621558	-0,008	0,303
CHR9	25422046	CHR9:25422046	SSF x Near_LoA	-10,4397219	-0,012	0,300
CHR9	25422054	CHR9:25422054	SSF x Near_LoA	-9,56156591	0,018	0,310
CHR9	25434304	CHR9:25434304	SSF x Near_LoA	-8,82517395	0,071	0,295
CHR9	25434412	CHR9:25434412	SSF x Near_LoA	-10,99131	0,092	0,299
CHR9	25445945	CHR9:25445945	SSF x Near_LoA	-9,71157049	-0,027	0,312
CHR9	25445992	CHR9:25445992	SSF x Near_LoA	-11,3549285	-0,017	0,300
CHR9	25446032	CHR9:25446032	SSF x Near_LoA	-10,1817965	-0,032	0,297
CHR9	25446060	CHR9:25446060	SSF x Near_LoA	-4,30630218	-0,073	0,294
CHR9	25453033	CHR9:25453033	SSF x Near_LoA	-8,86672524	-0,042	0,302
CHR9	25454125	CHR9:25454125	SSF x Near_LoA	-5,93542705	0,029	0,303
CHR9	25454135	CHR9:25454135	SSF x Near_LoA	-1,13220544	0,092	0,307
CHR9	25454157	CHR9:25454157	SSF x Near_LoA	-9,49451402	0,076	0,316
CHR9	25454311	CHR9:25454311	SSF x Near_LoA	-12,0995085	-0,040	0,301
CHR9	2545786	CHR9:2545786	SSF x Near_LoA	-10,0180082	0,042	0,308
CHR9	25460406	CHR9:25460406	SSF x Near_LoA	-8,1882957	-0,029	0,311
CHR9	25460422	CHR9:25460422	SSF x Near_LoA	-9,70349908	0,029	0,304
CHR9	25460501	CHR9:25460501	SSF x Near_LoA	-10,0197857	0,001	0,309
CHR9	25460570	CHR9:25460570	SSF x Near_LoA	-6,41383542	0,063	0,311
CHR9	25460734	CHR9:25460734	SSF x Near_LoA	-10,8326371	-0,024	0,317
CHR9	2546497	CHR9:2546497	SSF x Near_LoA	-10,0159466	0,081	0,293
CHR9	25467882	CHR9:25467882	SSF x Near_LoA	-9,70365771	0,041	0,303
CHR9	25473370	CHR9:25473370	SSF x Near_LoA	-10,9402258	-0,028	0,296
CHR9	25473372	CHR9:25473372	SSF x Near_LoA	-8,98237713	-0,125	0,289
CHR9	25473374	CHR9:25473374	SSF x Near_LoA	-7,15069379	0,147	0,291
CHR9	25473384	CHR9:25473384	SSF x Near_LoA	-12,0534696	0,029	0,307
CHR9	25473444	CHR9:25473444	SSF x Near_LoA	-6,60942654	-0,154	0,305
CHR9	25483513	CHR9:25483513	SSF x Near_LoA	-10,6542185	-0,022	0,313
CHR9	25483685	CHR9:25483685	SSF x Near_LoA	-8,63202865	0,077	0,302
CHR9	25483702	CHR9:25483702	SSF x Near_LoA	-11,1968304	0,075	0,286
CHR9	25483769	CHR9:25483769	SSF x Near_LoA	-9,33122756	-0,066	0,310
CHR9	25484001	CHR9:25484001	SSF x Near_LoA	-9,19979005	-0,022	0,316
CHR9	25484019	CHR9:25484019	SSF x Near_LoA	-8,65004077	0,032	0,304
CHR9	25484063	CHR9:25484063	SSF x Near_LoA	-10,9218261	0,087	0,306
CHR9	25484064	CHR9:25484064	SSF x Near_LoA	-7,88122403	-0,005	0,317

CHR9	25486019	CHR9:25486019	SSF x Near_LoA	-6,30442918	0,117	0,306
CHR9	25487085	CHR9:25487085	SSF x Near_LoA	-9,97831807	-0,095	0,304
CHR9	25488572	CHR9:25488572	SSF x Near_LoA	-10,9141999	0,005	0,303
CHR9	25494942	CHR9:25494942	SSF x Near_LoA	-9,64847083	0,073	0,315
CHR9	25495803	CHR9:25495803	SSF x Near_LoA	-8,47979078	0,004	0,303
CHR9	25504983	CHR9:25504983	SSF x Near_LoA	-9,64140284	-0,110	0,319
CHR9	25506931	CHR9:25506931	SSF x Near_LoA	-11,2377679	-0,009	0,312
CHR9	25507934	CHR9:25507934	SSF x Near_LoA	-5,85007118	0,083	0,308
CHR9	25507941	CHR9:25507941	SSF x Near_LoA	-8,33524656	0,080	0,312
CHR9	25507951	CHR9:25507951	SSF x Near_LoA	-12,6724135	0,053	0,297
CHR9	25507999	CHR9:25507999	SSF x Near_LoA	-8,41455272	0,058	0,321
CHR9	25529609	CHR9:25529609	SSF x Near_LoA	-10,4612396	0,067	0,304
CHR9	25531173	CHR9:25531173	SSF x Near_LoA	-8,39068582	-0,099	0,323
CHR9	25541902	CHR9:25541902	SSF x Near_LoA	-11,0465489	0,003	0,315
CHR9	25542097	CHR9:25542097	SSF x Near_LoA	-10,8233145	-0,047	0,306
CHR9	25542165	CHR9:25542165	SSF x Near_LoA	-8,80874334	-0,041	0,313
CHR9	25542168	CHR9:25542168	SSF x Near_LoA	-9,82272799	-0,040	0,312
CHR9	25543062	CHR9:25543062	SSF x Near_LoA	-9,31298363	0,141	0,299
CHR9	25543066	CHR9:25543066	SSF x Near_LoA	-11,2404666	0,065	0,291
CHR9	25543093	CHR9:25543093	SSF x Near_LoA	-9,2512819	0,079	0,303
CHR9	25543133	CHR9:25543133	SSF x Near_LoA	-7,7371572	0,024	0,311
CHR9	25543148	CHR9:25543148	SSF x Near_LoA	-11,2700798	0,032	0,308
CHR9	25543156	CHR9:25543156	SSF x Near_LoA	-6,42812743	0,158	0,288
CHR9	25543202	CHR9:25543202	SSF x Near_LoA	-7,56440877	-0,167	0,290
CHR9	25543220	CHR9:25543220	SSF x Near_LoA	-10,2047582	-0,036	0,305
CHR9	25543263	CHR9:25543263	SSF x Near_LoA	-4,49209199	0,178	0,293
CHR9	25543278	CHR9:25543278	SSF x Near_LoA	-8,42571133	-0,083	0,303
CHR9	25543321	CHR9:25543321	SSF x Near_LoA	-8,79475346	-0,094	0,294
CHR9	25546556	CHR9:25546556	SSF x Near_LoA	-9,60062829	-0,053	0,309
CHR9	25546560	CHR9:25546560	SSF x Near_LoA	-9,01149745	-0,082	0,314
CHR9	25546588	CHR9:25546588	SSF x Near_LoA	-6,87452429	0,131	0,315
CHR9	25546940	CHR9:25546940	SSF x Near_LoA	-10,8661768	0,111	0,300
CHR9	25554072	CHR9:25554072	SSF x Near_LoA	-8,43805946	-0,098	0,309
CHR9	25554113	CHR9:25554113	SSF x Near_LoA	-9,15319843	-0,024	0,309
CHR9	25554117	CHR9:25554117	SSF x Near_LoA	-7,94958765	0,083	0,317
CHR9	25554200	CHR9:25554200	SSF x Near_LoA	-10,3430766	0,062	0,295
CHR9	25561395	CHR9:25561395	SSF x Near_LoA	-8,95846019	-0,083	0,311
CHR9	25561446	CHR9:25561446	SSF x Near_LoA	-12,216535	-0,016	0,301
CHR9	25565823	CHR9:25565823	SSF x Near_LoA	-9,40819152	0,054	0,314
CHR9	25565824	CHR9:25565824	SSF x Near_LoA	-8,87212694	0,057	0,308
CHR9	25566843	CHR9:25566843	SSF x Near_LoA	-10,7294316	-0,101	0,314
CHR9	25566909	CHR9:25566909	SSF x Near_LoA	-3,80391415	0,115	0,307
CHR9	25571105	CHR9:25571105	SSF x Near_LoA	-10,519684	-0,097	0,308
CHR9	2557193	CHR9:2557193	SSF x Near_LoA	-10,1782974	-0,063	0,309
CHR9	2557211	CHR9:2557211	SSF x Near_LoA	-9,19483623	0,156	0,299
CHR9	2557259	CHR9:2557259	SSF x Near_LoA	-10,2462771	-0,055	0,298
CHR9	2557272	CHR9:2557272	SSF x Near_LoA	-9,64763388	-0,064	0,318
CHR9	2557298	CHR9:2557298	SSF x Near_LoA	-9,20805791	-0,092	0,298
CHR9	25575183	CHR9:25575183	SSF x Near_LoA	-11,3654184	0,079	0,300
CHR9	25578081	CHR9:25578081	SSF x Near_LoA	-7,59898982	0,050	0,305
CHR9	25578119	CHR9:25578119	SSF x Near_LoA	-9,56864835	0,008	0,298
CHR9	25578127	CHR9:25578127	SSF x Near_LoA	-9,92533251	-0,064	0,312
CHR9	25578161	CHR9:25578161	SSF x Near_LoA	-8,71770113	-0,023	0,296

CHR9	25578165	CHR9:25578165	SSF x Near_LoA	-6,82795741	-0,027	0,305
CHR9	25578214	CHR9:25578214	SSF x Near_LoA	-11,2079813	0,059	0,309
CHR9	25580952	CHR9:25580952	SSF x Near_LoA	-9,66090292	-0,065	0,307
CHR9	25581190	CHR9:25581190	SSF x Near_LoA	-6,48337911	0,025	0,298
CHR9	25581266	CHR9:25581266	SSF x Near_LoA	-9,12405297	0,019	0,311
CHR9	25581291	CHR9:25581291	SSF x Near_LoA	-10,5118181	-0,040	0,315
CHR9	25581345	CHR9:25581345	SSF x Near_LoA	-11,1575768	0,060	0,307
CHR9	25625197	CHR9:25625197	SSF x Near_LoA	-10,9628149	-0,119	0,291
CHR9	25625320	CHR9:25625320	SSF x Near_LoA	-8,2614243	-0,076	0,310
CHR9	25625404	CHR9:25625404	SSF x Near_LoA	-9,55624587	0,037	0,298
CHR9	25629306	CHR9:25629306	SSF x Near_LoA	-7,85698927	-0,058	0,295
CHR9	25629546	CHR9:25629546	SSF x Near_LoA	-5,97570609	0,129	0,314
CHR9	25639007	CHR9:25639007	SSF x Near_LoA	-9,76895486	0,093	0,310
CHR9	25639160	CHR9:25639160	SSF x Near_LoA	-8,53022733	0,069	0,306
CHR9	25639277	CHR9:25639277	SSF x Near_LoA	-9,83470843	-0,119	0,297
CHR9	25639281	CHR9:25639281	SSF x Near_LoA	-7,94214521	-0,120	0,306
CHR9	25639310	CHR9:25639310	SSF x Near_LoA	-11,2667772	0,044	0,296
CHR9	25640043	CHR9:25640043	SSF x Near_LoA	-9,02600358	-0,089	0,298
CHR9	25640044	CHR9:25640044	SSF x Near_LoA	-7,49574562	-0,102	0,294
CHR9	25640830	CHR9:25640830	SSF x Near_LoA	-10,3865211	-0,014	0,303
CHR9	25640894	CHR9:25640894	SSF x Near_LoA	-9,97898017	0,075	0,306
CHR9	25650381	CHR9:25650381	SSF x Near_LoA	-7,96983396	0,151	0,288
CHR9	25654329	CHR9:25654329	SSF x Near_LoA	-11,1968301	0,030	0,300
CHR9	25654388	CHR9:25654388	SSF x Near_LoA	-8,29133507	0,052	0,306
CHR9	25654474	CHR9:25654474	SSF x Near_LoA	-8,92815949	0,049	0,309
CHR9	25654483	CHR9:25654483	SSF x Near_LoA	-10,6675652	0,041	0,311
CHR9	2566471	CHR9:2566471	SSF x Near_LoA	-9,42917029	0,102	0,308
CHR9	2566481	CHR9:2566481	SSF x Near_LoA	-10,1693392	0,104	0,299
CHR9	2566484	CHR9:2566484	SSF x Near_LoA	-10,5328727	0,061	0,301
CHR9	2566500	CHR9:2566500	SSF x Near_LoA	-9,86375844	0,044	0,301
CHR9	2566509	CHR9:2566509	SSF x Near_LoA	-8,98693689	-0,032	0,316
CHR9	2566539	CHR9:2566539	SSF x Near_LoA	-8,92451372	0,042	0,311
CHR9	2566567	CHR9:2566567	SSF x Near_LoA	-7,49005436	-0,074	0,299
CHR9	2566587	CHR9:2566587	SSF x Near_LoA	-10,1138111	-0,007	0,314
CHR9	25666678	CHR9:25666678	SSF x Near_LoA	-10,1078014	-0,092	0,297
CHR9	25667785	CHR9:25667785	SSF x Near_LoA	-9,00342157	-0,099	0,311
CHR9	25667836	CHR9:25667836	SSF x Near_LoA	-7,97380763	-0,004	0,310
CHR9	25670170	CHR9:25670170	SSF x Near_LoA	-8,14049361	0,069	0,294
CHR9	25677814	CHR9:25677814	SSF x Near_LoA	-8,17797576	0,119	0,310
CHR9	25686824	CHR9:25686824	SSF x Near_LoA	-9,65171966	-0,008	0,299
CHR9	25687054	CHR9:25687054	SSF x Near_LoA	-9,44918803	0,012	0,320
CHR9	25687091	CHR9:25687091	SSF x Near_LoA	-10,2621525	0,161	0,295
CHR9	2568722	CHR9:2568722	SSF x Near_LoA	-9,54714818	0,019	0,304
CHR9	2568782	CHR9:2568782	SSF x Near_LoA	-9,58592999	0,014	0,289
CHR9	25691372	CHR9:25691372	SSF x Near_LoA	-8,38129203	-0,012	0,322
CHR9	25710540	CHR9:25710540	SSF x Near_LoA	-5,63007941	-0,078	0,306
CHR9	25710576	CHR9:25710576	SSF x Near_LoA	-6,58361991	-0,085	0,302
CHR9	25717557	CHR9:25717557	SSF x Near_LoA	-9,27274611	0,049	0,319
CHR9	25717558	CHR9:25717558	SSF x Near_LoA	-8,81699954	0,022	0,308
CHR9	25717647	CHR9:25717647	SSF x Near_LoA	-8,94614502	-0,021	0,303
CHR9	25717658	CHR9:25717658	SSF x Near_LoA	-11,217086	-0,027	0,310
CHR9	25717688	CHR9:25717688	SSF x Near_LoA	-10,4788658	0,107	0,303
CHR9	25717702	CHR9:25717702	SSF x Near_LoA	-10,0579263	-0,026	0,316

CHR9	25717716	CHR9:25717716	SSF x Near_LoA	-11,1259535	0,037	0,311
CHR9	25717719	CHR9:25717719	SSF x Near_LoA	-8,78596955	0,068	0,308
CHR9	2572272	CHR9:2572272	SSF x Near_LoA	-9,52436517	0,091	0,294
CHR9	2572290	CHR9:2572290	SSF x Near_LoA	-9,75147395	-0,063	0,319
CHR9	2572305	CHR9:2572305	SSF x Near_LoA	-8,23647932	-0,053	0,307
CHR9	25725755	CHR9:25725755	SSF x Near_LoA	-10,331953	-0,030	0,313
CHR9	25726022	CHR9:25726022	SSF x Near_LoA	-11,0440608	0,044	0,314
CHR9	25732756	CHR9:25732756	SSF x Near_LoA	-11,7045756	0,004	0,314
CHR9	25732786	CHR9:25732786	SSF x Near_LoA	0,28597609	-0,064	0,306
CHR9	25732803	CHR9:25732803	SSF x Near_LoA	-8,94167914	0,036	0,314
CHR9	25732996	CHR9:25732996	SSF x Near_LoA	-9,93906483	0,034	0,292
CHR9	25734889	CHR9:25734889	SSF x Near_LoA	-8,60353471	-0,069	0,311
CHR9	2573747	CHR9:2573747	SSF x Near_LoA	-6,73130673	-0,169	0,298
CHR9	2573911	CHR9:2573911	SSF x Near_LoA	-9,95080895	-0,022	0,305
CHR9	2573913	CHR9:2573913	SSF x Near_LoA	-8,48365968	-0,008	0,311
CHR9	2573915	CHR9:2573915	SSF x Near_LoA	-8,79554399	-0,004	0,305
CHR9	2574000	CHR9:2574000	SSF x Near_LoA	-9,3921432	-0,025	0,320
CHR9	25743292	CHR9:25743292	SSF x Near_LoA	-10,5853811	-0,023	0,322
CHR9	25743341	CHR9:25743341	SSF x Near_LoA	-9,8467504	-0,084	0,286
CHR9	25743361	CHR9:25743361	SSF x Near_LoA	-6,26234923	-0,035	0,312
CHR9	25745744	CHR9:25745744	SSF x Near_LoA	-6,81833588	0,041	0,313
CHR9	25750912	CHR9:25750912	SSF x Near_LoA	-10,9767715	0,090	0,299
CHR9	25752842	CHR9:25752842	SSF x Near_LoA	-9,83071246	0,109	0,287
CHR9	25752848	CHR9:25752848	SSF x Near_LoA	-9,21202578	-0,150	0,298
CHR9	25757183	CHR9:25757183	SSF x Near_LoA	-9,37662182	-0,022	0,319
CHR9	25757233	CHR9:25757233	SSF x Near_LoA	-9,11752534	0,031	0,300
CHR9	25759931	CHR9:25759931	SSF x Near_LoA	-5,25055499	0,001	0,301
CHR9	25759992	CHR9:25759992	SSF x Near_LoA	-10,0422218	-0,011	0,310
CHR9	25760082	CHR9:25760082	SSF x Near_LoA	-9,6516069	0,041	0,306
CHR9	25760148	CHR9:25760148	SSF x Near_LoA	-10,9600267	-0,076	0,306
CHR9	25764302	CHR9:25764302	SSF x Near_LoA	-8,35650576	0,105	0,307
CHR9	25764379	CHR9:25764379	SSF x Near_LoA	-11,3279074	0,007	0,305
CHR9	25770252	CHR9:25770252	SSF x Near_LoA	-7,11008323	0,032	0,324
CHR9	25770340	CHR9:25770340	SSF x Near_LoA	-7,639528	-0,085	0,322
CHR9	25770400	CHR9:25770400	SSF x Near_LoA	-10,45325	0,016	0,326
CHR9	25773098	CHR9:25773098	SSF x Near_LoA	-10,1269263	0,051	0,305
CHR9	25773220	CHR9:25773220	SSF x Near_LoA	-9,36594485	0,044	0,303
CHR9	25773221	CHR9:25773221	SSF x Near_LoA	-10,5518546	0,050	0,313
CHR9	25780321	CHR9:25780321	SSF x Near_LoA	-8,72306117	-0,023	0,304
CHR9	25782014	CHR9:25782014	SSF x Near_LoA	-8,77503912	-0,048	0,313
CHR9	25782050	CHR9:25782050	SSF x Near_LoA	-9,55988187	-0,048	0,311
CHR9	25785439	CHR9:25785439	SSF x Near_LoA	-10,9710183	-0,011	0,307
CHR9	25796372	CHR9:25796372	SSF x Near_LoA	-8,00110429	-0,073	0,315
CHR9	25796452	CHR9:25796452	SSF x Near_LoA	-10,2681235	-0,024	0,326
CHR9	25810633	CHR9:25810633	SSF x Near_LoA	-2,88810249	-0,067	0,308
CHR9	2581304	CHR9:2581304	SSF x Near_LoA	-9,66127842	0,124	0,316
CHR9	25814273	CHR9:25814273	SSF x Near_LoA	-8,32592534	-0,091	0,308
CHR9	25814279	CHR9:25814279	SSF x Near_LoA	-8,44059778	-0,077	0,309
CHR9	25815425	CHR9:25815425	SSF x Near_LoA	-9,65613316	-0,129	0,307
CHR9	25815528	CHR9:25815528	SSF x Near_LoA	-8,80181673	-0,020	0,303
CHR9	25818125	CHR9:25818125	SSF x Near_LoA	-10,9424753	0,052	0,310
CHR9	25818363	CHR9:25818363	SSF x Near_LoA	-8,79062247	-0,049	0,299
CHR9	25822400	CHR9:25822400	SSF x Near_LoA	-8,99085756	-0,049	0,310

CHR9	25822525	CHR9:25822525	SSF x Near_LoA	-9,71945037	0,007	0,313
CHR9	2582881	CHR9:2582881	SSF x Near_LoA	-8,26581053	-0,071	0,322
CHR9	2582911	CHR9:2582911	SSF x Near_LoA	-9,57170968	0,147	0,298
CHR9	2583063	CHR9:2583063	SSF x Near_LoA	-10,6697287	-0,040	0,315
CHR9	2583122	CHR9:2583122	SSF x Near_LoA	-9,62570616	-0,028	0,315
CHR9	25840133	CHR9:25840133	SSF x Near_LoA	-8,96544968	-0,069	0,301
CHR9	25840154	CHR9:25840154	SSF x Near_LoA	-9,77574397	0,028	0,322
CHR9	25840242	CHR9:25840242	SSF x Near_LoA	-9,04264798	0,143	0,287
CHR9	25840262	CHR9:25840262	SSF x Near_LoA	-11,0614518	0,056	0,318
CHR9	25840274	CHR9:25840274	SSF x Near_LoA	-9,32682829	0,006	0,311
CHR9	25840283	CHR9:25840283	SSF x Near_LoA	-11,3562381	0,025	0,301
CHR9	2584188	CHR9:2584188	SSF x Near_LoA	-10,333131	-0,016	0,296
CHR9	2584203	CHR9:2584203	SSF x Near_LoA	-7,83211844	0,082	0,297
CHR9	2584321	CHR9:2584321	SSF x Near_LoA	-8,51427547	-0,017	0,306
CHR9	25847046	CHR9:25847046	SSF x Near_LoA	-9,4527218	0,001	0,313
CHR9	25850041	CHR9:25850041	SSF x Near_LoA	-8,80971242	0,045	0,312
CHR9	25862614	CHR9:25862614	SSF x Near_LoA	-10,2891513	0,016	0,313
CHR9	25862639	CHR9:25862639	SSF x Near_LoA	-9,32965217	-0,072	0,318
CHR9	25865338	CHR9:25865338	SSF x Near_LoA	-4,62538224	0,081	0,296
CHR9	25865340	CHR9:25865340	SSF x Near_LoA	-8,71682114	-0,039	0,309
CHR9	25897878	CHR9:25897878	SSF x Near_LoA	-12,0093909	0,050	0,321
CHR9	25909177	CHR9:25909177	SSF x Near_LoA	-10,6460835	0,052	0,285
CHR9	25909193	CHR9:25909193	SSF x Near_LoA	-9,8974578	0,069	0,296
CHR9	25909242	CHR9:25909242	SSF x Near_LoA	-10,6219857	0,009	0,315
CHR9	25915042	CHR9:25915042	SSF x Near_LoA	-6,53703239	-0,084	0,296
CHR9	25915208	CHR9:25915208	SSF x Near_LoA	-10,291492	-0,062	0,305
CHR9	25925218	CHR9:25925218	SSF x Near_LoA	-8,95231399	0,008	0,312
CHR9	25941326	CHR9:25941326	SSF x Near_LoA	-8,81430729	-0,050	0,320
CHR9	25945691	CHR9:25945691	SSF x Near_LoA	-9,46320509	-0,091	0,297
CHR9	25945695	CHR9:25945695	SSF x Near_LoA	-8,98555261	-0,105	0,298
CHR9	25957493	CHR9:25957493	SSF x Near_LoA	-8,79121717	0,029	0,317
CHR9	25957501	CHR9:25957501	SSF x Near_LoA	-10,3067085	0,110	0,300
CHR9	25957523	CHR9:25957523	SSF x Near_LoA	-10,9947856	0,054	0,316
CHR9	25957527	CHR9:25957527	SSF x Near_LoA	-9,88548181	0,053	0,309
CHR9	25957571	CHR9:25957571	SSF x Near_LoA	-9,25748516	0,017	0,316
CHR9	25959354	CHR9:25959354	SSF x Near_LoA	-6,97511479	-0,105	0,304
CHR9	25959386	CHR9:25959386	SSF x Near_LoA	-9,16796278	0,010	0,311
CHR9	25961559	CHR9:25961559	SSF x Near_LoA	-11,3188145	-0,026	0,311
CHR9	2596269	CHR9:2596269	SSF x Near_LoA	-7,22381804	0,129	0,305
CHR9	2596297	CHR9:2596297	SSF x Near_LoA	-8,78298222	0,019	0,313
CHR9	25963010	CHR9:25963010	SSF x Near_LoA	-10,106028	0,019	0,292
CHR9	2596348	CHR9:2596348	SSF x Near_LoA	-11,1119081	-0,005	0,318
CHR9	2596609	CHR9:2596609	SSF x Near_LoA	-6,70934623	0,110	0,295
CHR9	2596610	CHR9:2596610	SSF x Near_LoA	-9,71317476	-0,111	0,308
CHR9	25974183	CHR9:25974183	SSF x Near_LoA	-10,8463933	0,085	0,317
CHR9	25974214	CHR9:25974214	SSF x Near_LoA	-7,59296082	-0,020	0,308
CHR9	25974261	CHR9:25974261	SSF x Near_LoA	-11,9183136	-0,032	0,306
CHR9	25975150	CHR9:25975150	SSF x Near_LoA	-4,26339103	-0,137	0,309
CHR9	25975385	CHR9:25975385	SSF x Near_LoA	-10,2915925	-0,007	0,304
CHR9	25977010	CHR9:25977010	SSF x Near_LoA	-7,88559585	0,115	0,313
CHR9	25978084	CHR9:25978084	SSF x Near_LoA	-9,55682704	-0,013	0,308
CHR9	25991659	CHR9:25991659	SSF x Near_LoA	-8,86470038	0,036	0,295
CHR9	26008812	CHR9:26008812	SSF x Near_LoA	-10,5578238	0,007	0,306

CHR9	26008851	CHR9:26008851	SSF x Near_LoA	-9,09392424	0,074	0,316
CHR9	26008869	CHR9:26008869	SSF x Near_LoA	-10,9074425	0,069	0,301
CHR9	26008926	CHR9:26008926	SSF x Near_LoA	-3,69625674	-0,041	0,300
CHR9	26008945	CHR9:26008945	SSF x Near_LoA	-10,7548851	-0,063	0,317
CHR9	26008977	CHR9:26008977	SSF x Near_LoA	-10,7054006	-0,012	0,304
CHR9	26009001	CHR9:26009001	SSF x Near_LoA	-8,44253036	-0,017	0,292
CHR9	26009005	CHR9:26009005	SSF x Near_LoA	-10,0504536	-0,019	0,315
CHR9	26016252	CHR9:26016252	SSF x Near_LoA	0,32827787	0,065	0,300
CHR9	26016290	CHR9:26016290	SSF x Near_LoA	-8,19653216	0,004	0,308
CHR9	26026745	CHR9:26026745	SSF x Near_LoA	-9,10999448	0,032	0,309
CHR9	26026766	CHR9:26026766	SSF x Near_LoA	-9,04535948	0,041	0,302
CHR9	26026812	CHR9:26026812	SSF x Near_LoA	-11,378914	0,001	0,315
CHR9	26029179	CHR9:26029179	SSF x Near_LoA	-11,6982304	0,109	0,299
CHR9	26029256	CHR9:26029256	SSF x Near_LoA	-8,86086657	-0,050	0,293
CHR9	26029334	CHR9:26029334	SSF x Near_LoA	-8,78415785	-0,112	0,312
CHR9	26029368	CHR9:26029368	SSF x Near_LoA	-7,69776067	0,040	0,302
CHR9	26032756	CHR9:26032756	SSF x Near_LoA	-10,7816629	0,041	0,314
CHR9	26032783	CHR9:26032783	SSF x Near_LoA	-7,63270365	-0,082	0,307
CHR9	26037303	CHR9:26037303	SSF x Near_LoA	-9,12135897	-0,008	0,302
CHR9	26037502	CHR9:26037502	SSF x Near_LoA	-9,9177263	-0,038	0,308
CHR9	26041424	CHR9:26041424	SSF x Near_LoA	-11,5799531	0,022	0,302
CHR9	26041502	CHR9:26041502	SSF x Near_LoA	-8,51885054	0,124	0,287
CHR9	26046071	CHR9:26046071	SSF x Near_LoA	-8,40695247	-0,004	0,295
CHR9	2605102	CHR9:2605102	SSF x Near_LoA	-8,37165667	0,051	0,309
CHR9	26052957	CHR9:26052957	SSF x Near_LoA	-10,8188539	-0,011	0,296
CHR9	26053054	CHR9:26053054	SSF x Near_LoA	-8,90944565	0,074	0,317
CHR9	26075755	CHR9:26075755	SSF x Near_LoA	-9,58133757	0,122	0,306
CHR9	26075769	CHR9:26075769	SSF x Near_LoA	-9,46530533	-0,019	0,307
CHR9	26075809	CHR9:26075809	SSF x Near_LoA	-10,645862	0,013	0,293
CHR9	26076639	CHR9:26076639	SSF x Near_LoA	-7,12522289	0,024	0,313
CHR9	26080438	CHR9:26080438	SSF x Near_LoA	-9,18684598	-0,037	0,319
CHR9	26080503	CHR9:26080503	SSF x Near_LoA	-8,80466677	0,015	0,294
CHR9	26080650	CHR9:26080650	SSF x Near_LoA	-3,97940076	-0,108	0,307
CHR9	26081050	CHR9:26081050	SSF x Near_LoA	-8,96395012	0,003	0,293
CHR9	26090469	CHR9:26090469	SSF x Near_LoA	-7,67715118	0,051	0,317
CHR9	26090470	CHR9:26090470	SSF x Near_LoA	-12,3526223	0,003	0,311
CHR9	26090551	CHR9:26090551	SSF x Near_LoA	-9,00632348	-0,029	0,304
CHR9	26090811	CHR9:26090811	SSF x Near_LoA	-11,4918355	-0,048	0,303
CHR9	26106180	CHR9:26106180	SSF x Near_LoA	-9,21604386	-0,014	0,294
CHR9	26111491	CHR9:26111491	SSF x Near_LoA	-9,86066278	-0,072	0,310
CHR9	26114702	CHR9:26114702	SSF x Near_LoA	-10,5062976	-0,076	0,320
CHR9	26114853	CHR9:26114853	SSF x Near_LoA	-7,90586821	-0,117	0,297
CHR9	26114877	CHR9:26114877	SSF x Near_LoA	-11,5112279	0,008	0,299
CHR9	26114883	CHR9:26114883	SSF x Near_LoA	-8,37760517	0,022	0,310
CHR9	26114929	CHR9:26114929	SSF x Near_LoA	-7,90254772	0,079	0,312
CHR9	26126189	CHR9:26126189	SSF x Near_LoA	-9,21221176	-0,042	0,287
CHR9	26126299	CHR9:26126299	SSF x Near_LoA	-10,9796821	0,059	0,314
CHR9	26127537	CHR9:26127537	SSF x Near_LoA	-9,66202742	0,026	0,321
CHR9	26129902	CHR9:26129902	SSF x Near_LoA	-9,63204388	0,013	0,301
CHR9	26129908	CHR9:26129908	SSF x Near_LoA	-8,85053592	0,076	0,310
CHR9	26141024	CHR9:26141024	SSF x Near_LoA	-8,89726042	-0,054	0,307
CHR9	26141767	CHR9:26141767	SSF x Near_LoA	-4,88553646	0,165	0,316
CHR9	26141769	CHR9:26141769	SSF x Near_LoA	-5,41138228	0,170	0,300

CHR9	2616914	CHR9:2616914	SSF x Near_LoA	-9,96366179	0,022	0,304
CHR9	2616920	CHR9:2616920	SSF x Near_LoA	-5,22375129	-0,117	0,288
CHR9	2616989	CHR9:2616989	SSF x Near_LoA	-11,2426132	-0,001	0,312
CHR9	26177631	CHR9:26177631	SSF x Near_LoA	-10,5511836	-0,046	0,308
CHR9	26182542	CHR9:26182542	SSF x Near_LoA	-11,2739349	-0,033	0,296
CHR9	26182618	CHR9:26182618	SSF x Near_LoA	-6,5516697	-0,111	0,288
CHR9	26194708	CHR9:26194708	SSF x Near_LoA	-10,6674506	0,021	0,310
CHR9	26194758	CHR9:26194758	SSF x Near_LoA	-12,0994612	-0,004	0,310
CHR9	26208008	CHR9:26208008	SSF x Near_LoA	-7,98220229	0,092	0,304
CHR9	26208166	CHR9:26208166	SSF x Near_LoA	-10,5133657	0,108	0,311
CHR9	2620887	CHR9:2620887	SSF x Near_LoA	-0,66066315	0,111	0,294
CHR9	2620938	CHR9:2620938	SSF x Near_LoA	-5,3215524	0,181	0,301
CHR9	2620957	CHR9:2620957	SSF x Near_LoA	-9,29724398	-0,150	0,300
CHR9	2620970	CHR9:2620970	SSF x Near_LoA	-10,532363	-0,121	0,312
CHR9	2620999	CHR9:2620999	SSF x Near_LoA	-7,77808285	0,073	0,308
CHR9	2621025	CHR9:2621025	SSF x Near_LoA	-6,76067362	-0,131	0,294
CHR9	2621048	CHR9:2621048	SSF x Near_LoA	-11,1194634	-0,103	0,304
CHR9	2621096	CHR9:2621096	SSF x Near_LoA	-10,5601476	0,101	0,304
CHR9	2621100	CHR9:2621100	SSF x Near_LoA	-8,90487092	0,109	0,307
CHR9	26223619	CHR9:26223619	SSF x Near_LoA	-7,05120282	-0,102	0,294
CHR9	26223735	CHR9:26223735	SSF x Near_LoA	-9,35220879	0,015	0,288
CHR9	2622612	CHR9:2622612	SSF x Near_LoA	-11,3052777	0,028	0,307
CHR9	2622661	CHR9:2622661	SSF x Near_LoA	-7,85510657	0,099	0,311
CHR9	2622677	CHR9:2622677	SSF x Near_LoA	-10,7187028	0,111	0,303
CHR9	2622720	CHR9:2622720	SSF x Near_LoA	-8,46693279	0,123	0,300
CHR9	2622726	CHR9:2622726	SSF x Near_LoA	-11,3128055	0,009	0,292
CHR9	2622727	CHR9:2622727	SSF x Near_LoA	-8,20373299	0,083	0,295
CHR9	26229159	CHR9:26229159	SSF x Near_LoA	-11,3580633	-0,021	0,291
CHR9	26238333	CHR9:26238333	SSF x Near_LoA	-10,4504312	-0,013	0,307
CHR9	26238347	CHR9:26238347	SSF x Near_LoA	-7,544217	-0,125	0,297
CHR9	26238416	CHR9:26238416	SSF x Near_LoA	-9,35712724	0,064	0,315
CHR9	26239964	CHR9:26239964	SSF x Near_LoA	-9,36488155	-0,060	0,314
CHR9	26243351	CHR9:26243351	SSF x Near_LoA	-8,37931542	0,197	0,295
CHR9	26246822	CHR9:26246822	SSF x Near_LoA	-7,25154396	0,124	0,310
CHR9	26246870	CHR9:26246870	SSF x Near_LoA	-8,49980716	-0,035	0,307
CHR9	2627745	CHR9:2627745	SSF x Near_LoA	-9,89159539	0,133	0,298
CHR9	26281559	CHR9:26281559	SSF x Near_LoA	-7,91118465	-0,041	0,319
CHR9	26281625	CHR9:26281625	SSF x Near_LoA	-9,1772902	0,025	0,320
CHR9	26281630	CHR9:26281630	SSF x Near_LoA	-11,1307955	0,055	0,303
CHR9	26281798	CHR9:26281798	SSF x Near_LoA	-9,61120239	-0,126	0,285
CHR9	2628478	CHR9:2628478	SSF x Near_LoA	-8,51560673	-0,002	0,320
CHR9	2628480	CHR9:2628480	SSF x Near_LoA	-7,53718381	0,034	0,297
CHR9	2628562	CHR9:2628562	SSF x Near_LoA	-7,68584366	0,094	0,303
CHR9	26292085	CHR9:26292085	SSF x Near_LoA	-11,9443531	-0,043	0,304
CHR9	2629878	CHR9:2629878	SSF x Near_LoA	-6,66291737	0,153	0,316
CHR9	2629899	CHR9:2629899	SSF x Near_LoA	-11,0621288	0,012	0,303
CHR9	2629917	CHR9:2629917	SSF x Near_LoA	-10,4161936	-0,033	0,280
CHR9	26299448	CHR9:26299448	SSF x Near_LoA	-8,32054246	0,017	0,325
CHR9	26299746	CHR9:26299746	SSF x Near_LoA	-8,4110762	0,011	0,316
CHR9	2629998	CHR9:2629998	SSF x Near_LoA	-10,9427312	-0,018	0,296
CHR9	2630014	CHR9:2630014	SSF x Near_LoA	-9,29051882	-0,004	0,307
CHR9	2630039	CHR9:2630039	SSF x Near_LoA	-8,98506268	-0,011	0,308
CHR9	26312506	CHR9:26312506	SSF x Near_LoA	-7,98990852	0,033	0,316

CHR9	26312560	CHR9:26312560	SSF x Near_LoA	-10,3073341	0,037	0,305
CHR9	26341550	CHR9:26341550	SSF x Near_LoA	-7,74123074	-0,086	0,299
CHR9	26341596	CHR9:26341596	SSF x Near_LoA	-9,02783574	-0,083	0,312
CHR9	26341704	CHR9:26341704	SSF x Near_LoA	-10,8835498	0,045	0,304
CHR9	26343804	CHR9:26343804	SSF x Near_LoA	-11,5470069	-0,009	0,309
CHR9	26343933	CHR9:26343933	SSF x Near_LoA	-6,37737472	-0,129	0,307
CHR9	26354413	CHR9:26354413	SSF x Near_LoA	-10,8651484	-0,003	0,313
CHR9	26356948	CHR9:26356948	SSF x Near_LoA	-9,71233862	0,062	0,310
CHR9	26357029	CHR9:26357029	SSF x Near_LoA	-9,56972924	-0,070	0,328
CHR9	26358860	CHR9:26358860	SSF x Near_LoA	-9,56920598	-0,003	0,311
CHR9	26358861	CHR9:26358861	SSF x Near_LoA	-9,25209475	-0,027	0,301
CHR9	26365056	CHR9:26365056	SSF x Near_LoA	-10,8902863	0,019	0,310
CHR9	26368388	CHR9:26368388	SSF x Near_LoA	-9,13555221	-0,040	0,307
CHR9	26368501	CHR9:26368501	SSF x Near_LoA	-6,96889956	0,148	0,302
CHR9	26368527	CHR9:26368527	SSF x Near_LoA	-8,82160092	0,073	0,301
CHR9	2637959	CHR9:2637959	SSF x Near_LoA	-9,31070213	0,015	0,313
CHR9	26412928	CHR9:26412928	SSF x Near_LoA	-9,01081199	0,009	0,312
CHR9	26413079	CHR9:26413079	SSF x Near_LoA	-8,38688208	0,038	0,306
CHR9	26413114	CHR9:26413114	SSF x Near_LoA	-9,76518208	0,076	0,291
CHR9	26413131	CHR9:26413131	SSF x Near_LoA	-11,4596516	-0,023	0,316
CHR9	2641960	CHR9:2641960	SSF x Near_LoA	-9,81715985	0,046	0,316
CHR9	26423669	CHR9:26423669	SSF x Near_LoA	-7,22319893	-0,082	0,304
CHR9	26423670	CHR9:26423670	SSF x Near_LoA	-6,96902278	-0,151	0,298
CHR9	26423694	CHR9:26423694	SSF x Near_LoA	-11,7190946	0,061	0,301
CHR9	26432210	CHR9:26432210	SSF x Near_LoA	-5,42514355	0,202	0,287
CHR9	26432356	CHR9:26432356	SSF x Near_LoA	-9,94369637	0,114	0,309
CHR9	26436925	CHR9:26436925	SSF x Near_LoA	-7,0260279	-0,077	0,308
CHR9	26436926	CHR9:26436926	SSF x Near_LoA	-7,81050739	0,014	0,314
CHR9	26437202	CHR9:26437202	SSF x Near_LoA	-8,22476057	-0,117	0,297
CHR9	26438920	CHR9:26438920	SSF x Near_LoA	-9,77491368	0,124	0,308
CHR9	26438956	CHR9:26438956	SSF x Near_LoA	-6,16514185	-0,150	0,304
CHR9	26443958	CHR9:26443958	SSF x Near_LoA	-6,81680821	0,162	0,296
CHR9	26444051	CHR9:26444051	SSF x Near_LoA	-8,96481204	-0,024	0,318
CHR9	26456482	CHR9:26456482	SSF x Near_LoA	-1,50170487	-0,073	0,307
CHR9	26456511	CHR9:26456511	SSF x Near_LoA	-11,1400115	0,018	0,315
CHR9	26459756	CHR9:26459756	SSF x Near_LoA	-8,25266041	0,049	0,318
CHR9	26459995	CHR9:26459995	SSF x Near_LoA	-11,0775627	0,078	0,288
CHR9	26460043	CHR9:26460043	SSF x Near_LoA	-8,78639957	-0,092	0,292
CHR9	26462510	CHR9:26462510	SSF x Near_LoA	-10,8350021	-0,041	0,313
CHR9	26462747	CHR9:26462747	SSF x Near_LoA	-6,84655353	0,152	0,314
CHR9	26469033	CHR9:26469033	SSF x Near_LoA	-8,35559854	0,004	0,316
CHR9	26469157	CHR9:26469157	SSF x Near_LoA	-5,00104662	-0,197	0,282
CHR9	26469175	CHR9:26469175	SSF x Near_LoA	-2,55921812	0,135	0,316
CHR9	26470839	CHR9:26470839	SSF x Near_LoA	-9,66487914	-0,017	0,304
CHR9	26474251	CHR9:26474251	SSF x Near_LoA	-6,99014506	-0,135	0,299
CHR9	26474281	CHR9:26474281	SSF x Near_LoA	-8,70066517	-0,034	0,313
CHR9	26474349	CHR9:26474349	SSF x Near_LoA	-3,0424813	-0,036	0,299
CHR9	26474353	CHR9:26474353	SSF x Near_LoA	-8,87210121	0,014	0,311
CHR9	26474410	CHR9:26474410	SSF x Near_LoA	-7,09322691	-0,022	0,293
CHR9	26481975	CHR9:26481975	SSF x Near_LoA	-8,49161991	-0,071	0,311
CHR9	26481980	CHR9:26481980	SSF x Near_LoA	-7,7194591	-0,008	0,304
CHR9	26481989	CHR9:26481989	SSF x Near_LoA	-7,41063905	-0,111	0,302
CHR9	26482101	CHR9:26482101	SSF x Near_LoA	-11,7553355	-0,043	0,307

CHR9	26488911	CHR9:26488911	SSF x Near_LoA	-8,05168849	0,141	0,301
CHR9	26488929	CHR9:26488929	SSF x Near_LoA	-9,00806402	0,009	0,315
CHR9	26488947	CHR9:26488947	SSF x Near_LoA	-9,07814089	-0,032	0,301
CHR9	26496170	CHR9:26496170	SSF x Near_LoA	-10,1018779	-0,011	0,314
CHR9	26496275	CHR9:26496275	SSF x Near_LoA	-8,70847469	-0,022	0,297
CHR9	26496459	CHR9:26496459	SSF x Near_LoA	-8,01829978	0,120	0,306
CHR9	26496556	CHR9:26496556	SSF x Near_LoA	-10,6278763	0,002	0,313
CHR9	26502789	CHR9:26502789	SSF x Near_LoA	-8,6351215	0,113	0,305
CHR9	26502817	CHR9:26502817	SSF x Near_LoA	-11,3172635	-0,035	0,313
CHR9	26503050	CHR9:26503050	SSF x Near_LoA	-11,9622296	0,001	0,316
CHR9	2650360	CHR9:2650360	SSF x Near_LoA	-9,30699779	-0,044	0,314
CHR9	2650416	CHR9:2650416	SSF x Near_LoA	-9,167143	0,063	0,301
CHR9	2650487	CHR9:2650487	SSF x Near_LoA	-9,62455574	-0,082	0,312
CHR9	26506714	CHR9:26506714	SSF x Near_LoA	-8,07946679	0,057	0,304
CHR9	26506715	CHR9:26506715	SSF x Near_LoA	-8,51404227	0,024	0,318
CHR9	26506716	CHR9:26506716	SSF x Near_LoA	-9,23722274	0,057	0,314
CHR9	26511016	CHR9:26511016	SSF x Near_LoA	0,25343604	-0,028	0,301
CHR9	26511032	CHR9:26511032	SSF x Near_LoA	-10,2991963	-0,022	0,300
CHR9	26511181	CHR9:26511181	SSF x Near_LoA	-6,79246659	0,083	0,316
CHR9	26511216	CHR9:26511216	SSF x Near_LoA	-8,29632123	-0,157	0,308
CHR9	26514686	CHR9:26514686	SSF x Near_LoA	-11,464417	-0,011	0,298
CHR9	2651646	CHR9:2651646	SSF x Near_LoA	-3,61229978	-0,138	0,295
CHR9	26535668	CHR9:26535668	SSF x Near_LoA	-9,65336513	-0,027	0,312
CHR9	26535835	CHR9:26535835	SSF x Near_LoA	-7,99047522	-0,075	0,310
CHR9	26535852	CHR9:26535852	SSF x Near_LoA	-10,0782164	0,131	0,289
CHR9	26535864	CHR9:26535864	SSF x Near_LoA	-9,65961316	0,032	0,314
CHR9	26535926	CHR9:26535926	SSF x Near_LoA	-9,2589649	0,015	0,313
CHR9	26535951	CHR9:26535951	SSF x Near_LoA	-9,5099906	-0,035	0,305
CHR9	26536050	CHR9:26536050	SSF x Near_LoA	-9,28265527	-0,151	0,311
CHR9	26548297	CHR9:26548297	SSF x Near_LoA	-6,4542335	-0,065	0,296
CHR9	26548322	CHR9:26548322	SSF x Near_LoA	-11,6569725	-0,047	0,302
CHR9	26548329	CHR9:26548329	SSF x Near_LoA	-8,084183	0,075	0,312
CHR9	26548425	CHR9:26548425	SSF x Near_LoA	-6,34541789	0,196	0,294
CHR9	26551512	CHR9:26551512	SSF x Near_LoA	-7,97679956	-0,136	0,303
CHR9	26551557	CHR9:26551557	SSF x Near_LoA	-8,46174201	0,165	0,303
CHR9	26554017	CHR9:26554017	SSF x Near_LoA	-5,30199806	0,067	0,297
CHR9	26554023	CHR9:26554023	SSF x Near_LoA	-8,63458512	0,097	0,299
CHR9	26556667	CHR9:26556667	SSF x Near_LoA	-9,68501218	0,018	0,307
CHR9	26562099	CHR9:26562099	SSF x Near_LoA	-8,70867276	0,014	0,312
CHR9	26562221	CHR9:26562221	SSF x Near_LoA	-10,2273456	-0,037	0,312
CHR9	26562381	CHR9:26562381	SSF x Near_LoA	-7,85180166	0,062	0,316
CHR9	26562428	CHR9:26562428	SSF x Near_LoA	-11,3325866	0,050	0,315
CHR9	26573189	CHR9:26573189	SSF x Near_LoA	-9,90126162	-0,031	0,310
CHR9	26573190	CHR9:26573190	SSF x Near_LoA	-6,2863721	0,077	0,315
CHR9	26573241	CHR9:26573241	SSF x Near_LoA	-9,88623678	0,010	0,304
CHR9	26573262	CHR9:26573262	SSF x Near_LoA	-8,04517439	0,053	0,306
CHR9	26573265	CHR9:26573265	SSF x Near_LoA	-8,31693547	0,023	0,300
CHR9	26573341	CHR9:26573341	SSF x Near_LoA	-8,91565049	-0,028	0,308
CHR9	26573383	CHR9:26573383	SSF x Near_LoA	-11,1873142	0,068	0,305
CHR9	26585967	CHR9:26585967	SSF x Near_LoA	-7,95819837	0,042	0,307
CHR9	26585968	CHR9:26585968	SSF x Near_LoA	-7,76382911	0,076	0,307
CHR9	26586057	CHR9:26586057	SSF x Near_LoA	-7,90393384	0,002	0,300
CHR9	26586301	CHR9:26586301	SSF x Near_LoA	-9,78611647	-0,012	0,311

CHR9	26586352	CHR9:26586352	SSF x Near_LoA	-11,0799375	-0,051	0,302
CHR9	26591135	CHR9:26591135	SSF x Near_LoA	-8,30716329	-0,126	0,303
CHR9	26599706	CHR9:26599706	SSF x Near_LoA	-8,34420389	0,061	0,300
CHR9	26599952	CHR9:26599952	SSF x Near_LoA	-9,04796339	-0,077	0,314
CHR9	26603968	CHR9:26603968	SSF x Near_LoA	-9,11416733	-0,075	0,315
CHR9	26608868	CHR9:26608868	SSF x Near_LoA	-10,5518218	0,014	0,293
CHR9	26608982	CHR9:26608982	SSF x Near_LoA	-8,83238906	-0,099	0,313
CHR9	26613165	CHR9:26613165	SSF x Near_LoA	-10,7861763	-0,057	0,293
CHR9	26613183	CHR9:26613183	SSF x Near_LoA	-7,37203774	0,025	0,307
CHR9	26613268	CHR9:26613268	SSF x Near_LoA	-4,01645612	-0,190	0,303
CHR9	26619262	CHR9:26619262	SSF x Near_LoA	-6,03507811	0,066	0,315
CHR9	26619263	CHR9:26619263	SSF x Near_LoA	-9,95726078	-0,001	0,310
CHR9	26619385	CHR9:26619385	SSF x Near_LoA	-10,9628951	-0,015	0,304
CHR9	26638357	CHR9:26638357	SSF x Near_LoA	-4,93334496	-0,112	0,309
CHR9	26642530	CHR9:26642530	SSF x Near_LoA	-7,04639237	-0,144	0,308
CHR9	26644375	CHR9:26644375	SSF x Near_LoA	-10,9873509	0,046	0,302
CHR9	26644403	CHR9:26644403	SSF x Near_LoA	-10,2684881	-0,154	0,306
CHR9	26644518	CHR9:26644518	SSF x Near_LoA	-10,207892	-0,061	0,290
CHR9	26644605	CHR9:26644605	SSF x Near_LoA	-9,71876587	0,017	0,311
CHR9	26660829	CHR9:26660829	SSF x Near_LoA	-9,59480448	-0,060	0,305
CHR9	26681520	CHR9:26681520	SSF x Near_LoA	-7,6564917	-0,115	0,305
CHR9	2668399	CHR9:2668399	SSF x Near_LoA	-9,73469786	-0,008	0,303
CHR9	2668405	CHR9:2668405	SSF x Near_LoA	-6,95615208	-0,064	0,307
CHR9	2668514	CHR9:2668514	SSF x Near_LoA	-8,84168782	0,043	0,318
CHR9	2668527	CHR9:2668527	SSF x Near_LoA	-5,93026179	-0,097	0,308
CHR9	2668601	CHR9:2668601	SSF x Near_LoA	-10,3661722	0,024	0,307
CHR9	2669470	CHR9:2669470	SSF x Near_LoA	-0,67992634	-0,100	0,301
CHR9	2669476	CHR9:2669476	SSF x Near_LoA	-9,84458439	0,062	0,301
CHR9	2669485	CHR9:2669485	SSF x Near_LoA	-9,30336103	-0,027	0,303
CHR9	26698417	CHR9:26698417	SSF x Near_LoA	-10,5383095	0,037	0,307
CHR9	26698499	CHR9:26698499	SSF x Near_LoA	-4,76969096	-0,066	0,307
CHR9	26698507	CHR9:26698507	SSF x Near_LoA	-9,5135373	-0,037	0,298
CHR9	2671971	CHR9:2671971	SSF x Near_LoA	-8,20445629	-0,120	0,299
CHR9	26727871	CHR9:26727871	SSF x Near_LoA	-10,7264034	0,049	0,311
CHR9	26728019	CHR9:26728019	SSF x Near_LoA	-9,0361749	0,022	0,313
CHR9	26732138	CHR9:26732138	SSF x Near_LoA	-8,73479177	0,076	0,305
CHR9	26743029	CHR9:26743029	SSF x Near_LoA	-7,92461888	0,058	0,313
CHR9	26752679	CHR9:26752679	SSF x Near_LoA	-8,60384263	-0,038	0,315
CHR9	26771535	CHR9:26771535	SSF x Near_LoA	-4,32047503	0,081	0,321
CHR9	26777253	CHR9:26777253	SSF x Near_LoA	-8,25402944	-0,106	0,302
CHR9	26788865	CHR9:26788865	SSF x Near_LoA	-10,2677148	-0,005	0,300
CHR9	26816713	CHR9:26816713	SSF x Near_LoA	-10,3708662	-0,076	0,311
CHR9	26816714	CHR9:26816714	SSF x Near_LoA	-3,49064721	-0,111	0,303
CHR9	26816767	CHR9:26816767	SSF x Near_LoA	-9,87573852	-0,134	0,285
CHR9	26822582	CHR9:26822582	SSF x Near_LoA	-7,03437423	0,139	0,298
CHR9	26822693	CHR9:26822693	SSF x Near_LoA	-10,7686335	-0,012	0,318
CHR9	26822762	CHR9:26822762	SSF x Near_LoA	-9,09153709	-0,045	0,314
CHR9	26832919	CHR9:26832919	SSF x Near_LoA	-8,3021009	-0,049	0,309
CHR9	26833819	CHR9:26833819	SSF x Near_LoA	-11,3803194	-0,040	0,308
CHR9	26840284	CHR9:26840284	SSF x Near_LoA	-11,5972929	-0,023	0,303
CHR9	26840313	CHR9:26840313	SSF x Near_LoA	-10,4512582	0,050	0,304
CHR9	26840349	CHR9:26840349	SSF x Near_LoA	-9,24249226	0,047	0,297
CHR9	26840536	CHR9:26840536	SSF x Near_LoA	-5,97101944	0,106	0,313

CHR9	2684854	CHR9:2684854	SSF x Near_LoA	-9,88204986	-0,043	0,306
CHR9	2685398	CHR9:2685398	SSF x Near_LoA	-9,4375342	0,135	0,295
CHR9	2685430	CHR9:2685430	SSF x Near_LoA	-8,0147553	-0,125	0,310
CHR9	26864158	CHR9:26864158	SSF x Near_LoA	-7,24998899	0,078	0,312
CHR9	26864194	CHR9:26864194	SSF x Near_LoA	-8,03638244	0,094	0,308
CHR9	26864221	CHR9:26864221	SSF x Near_LoA	-7,65606297	0,128	0,302
CHR9	26868561	CHR9:26868561	SSF x Near_LoA	-6,86529765	-0,028	0,302
CHR9	26868592	CHR9:26868592	SSF x Near_LoA	-2,41278568	-0,131	0,301
CHR9	26878497	CHR9:26878497	SSF x Near_LoA	-10,7954477	0,006	0,303
CHR9	26878666	CHR9:26878666	SSF x Near_LoA	-9,24778615	-0,141	0,298
CHR9	26878730	CHR9:26878730	SSF x Near_LoA	-3,89379855	-0,142	0,310
CHR9	26891764	CHR9:26891764	SSF x Near_LoA	-8,69352483	-0,098	0,310
CHR9	26891815	CHR9:26891815	SSF x Near_LoA	-9,20060765	0,006	0,319
CHR9	26900216	CHR9:26900216	SSF x Near_LoA	-11,0946909	-0,027	0,318
CHR9	26909472	CHR9:26909472	SSF x Near_LoA	-6,16256682	0,066	0,305
CHR9	26911072	CHR9:26911072	SSF x Near_LoA	-5,86655241	0,053	0,324
CHR9	26918007	CHR9:26918007	SSF x Near_LoA	-8,60569075	0,065	0,312
CHR9	2691960	CHR9:2691960	SSF x Near_LoA	-9,9454977	-0,049	0,299
CHR9	2691972	CHR9:2691972	SSF x Near_LoA	-9,8149063	-0,044	0,323
CHR9	2692010	CHR9:2692010	SSF x Near_LoA	-9,26498345	-0,129	0,321
CHR9	2692026	CHR9:2692026	SSF x Near_LoA	-8,21112814	-0,085	0,321
CHR9	2692071	CHR9:2692071	SSF x Near_LoA	-10,7199499	-0,024	0,313
CHR9	2692103	CHR9:2692103	SSF x Near_LoA	-7,87841648	-0,028	0,305
CHR9	2692115	CHR9:2692115	SSF x Near_LoA	-8,05253178	-0,104	0,306
CHR9	26933591	CHR9:26933591	SSF x Near_LoA	-4,75697879	0,016	0,302
CHR9	2693735	CHR9:2693735	SSF x Near_LoA	-7,06824694	0,160	0,304
CHR9	2693792	CHR9:2693792	SSF x Near_LoA	-10,8455736	0,005	0,309
CHR9	26957786	CHR9:26957786	SSF x Near_LoA	-8,46599503	-0,060	0,308
CHR9	26957890	CHR9:26957890	SSF x Near_LoA	-11,8917513	0,003	0,316
CHR9	26958513	CHR9:26958513	SSF x Near_LoA	-11,7408369	-0,015	0,299
CHR9	26965711	CHR9:26965711	SSF x Near_LoA	-11,2896062	-0,036	0,301
CHR9	2696893	CHR9:2696893	SSF x Near_LoA	-9,9457844	-0,063	0,288
CHR9	2710484	CHR9:2710484	SSF x Near_LoA	-7,8632719	-0,056	0,309
CHR9	2710488	CHR9:2710488	SSF x Near_LoA	-7,68253018	-0,031	0,309
CHR9	2710542	CHR9:2710542	SSF x Near_LoA	-8,44851117	-0,014	0,299
CHR9	2713549	CHR9:2713549	SSF x Near_LoA	-8,9032764	-0,057	0,292
CHR9	2715909	CHR9:2715909	SSF x Near_LoA	-6,78730701	-0,019	0,300
CHR9	2724319	CHR9:2724319	SSF x Near_LoA	-1,40413792	0,023	0,299
CHR9	2727543	CHR9:2727543	SSF x Near_LoA	-9,80523299	-0,040	0,311
CHR9	2727569	CHR9:2727569	SSF x Near_LoA	-9,39648565	0,065	0,301
CHR9	2727590	CHR9:2727590	SSF x Near_LoA	1,66884929	-0,125	0,299
CHR9	2727666	CHR9:2727666	SSF x Near_LoA	-8,20863561	-0,091	0,312
CHR9	2729607	CHR9:2729607	SSF x Near_LoA	-10,8613516	0,033	0,299
CHR9	2729738	CHR9:2729738	SSF x Near_LoA	-10,0104166	-0,007	0,300
CHR9	2742410	CHR9:2742410	SSF x Near_LoA	-10,2767559	-0,016	0,302
CHR9	2753676	CHR9:2753676	SSF x Near_LoA	-8,64570223	0,026	0,323
CHR9	2753745	CHR9:2753745	SSF x Near_LoA	-10,9517561	-0,041	0,298
CHR9	2753911	CHR9:2753911	SSF x Near_LoA	-10,5917358	0,036	0,311
CHR9	2754653	CHR9:2754653	SSF x Near_LoA	-8,88101354	0,071	0,310
CHR9	2754730	CHR9:2754730	SSF x Near_LoA	-9,46771566	0,041	0,318
CHR9	2754806	CHR9:2754806	SSF x Near_LoA	-6,1934094	-0,101	0,311
CHR9	2754811	CHR9:2754811	SSF x Near_LoA	-7,52680364	-0,082	0,310
CHR9	2754814	CHR9:2754814	SSF x Near_LoA	-8,50969353	-0,078	0,301

CHR9	2763202	CHR9:2763202	SSF x Near_LoA	-9,30029623	0,013	0,305
CHR9	2763230	CHR9:2763230	SSF x Near_LoA	-8,09731838	0,122	0,283
CHR9	2765411	CHR9:2765411	SSF x Near_LoA	-7,69823421	-0,080	0,321
CHR9	2765507	CHR9:2765507	SSF x Near_LoA	-11,6327717	0,040	0,303
CHR9	2767423	CHR9:2767423	SSF x Near_LoA	-9,722429	0,048	0,327
CHR9	2767579	CHR9:2767579	SSF x Near_LoA	-11,2737541	0,063	0,317
CHR9	2767643	CHR9:2767643	SSF x Near_LoA	-4,84105081	0,210	0,293
CHR9	2767649	CHR9:2767649	SSF x Near_LoA	-10,6192052	-0,069	0,303
CHR9	2779797	CHR9:2779797	SSF x Near_LoA	-11,0204107	0,042	0,292
CHR9	2783413	CHR9:2783413	SSF x Near_LoA	-8,29210517	0,097	0,308
CHR9	2785857	CHR9:2785857	SSF x Near_LoA	-9,04384858	0,048	0,307
CHR9	2785925	CHR9:2785925	SSF x Near_LoA	-6,15434513	0,003	0,306
CHR9	2786014	CHR9:2786014	SSF x Near_LoA	-8,03849136	-0,040	0,309
CHR9	2792489	CHR9:2792489	SSF x Near_LoA	1,45986528	0,115	0,305
CHR9	2792533	CHR9:2792533	SSF x Near_LoA	-8,26734604	-0,058	0,310
CHR9	2792604	CHR9:2792604	SSF x Near_LoA	-8,63921553	0,011	0,308
CHR9	2795035	CHR9:2795035	SSF x Near_LoA	-10,5920593	0,012	0,301
CHR9	2804528	CHR9:2804528	SSF x Near_LoA	-6,17203911	0,097	0,294
CHR9	2804530	CHR9:2804530	SSF x Near_LoA	-9,07077279	0,126	0,297
CHR9	2804579	CHR9:2804579	SSF x Near_LoA	-7,0676685	-0,038	0,297
CHR9	2804580	CHR9:2804580	SSF x Near_LoA	-7,57189446	-0,042	0,305
CHR9	2806636	CHR9:2806636	SSF x Near_LoA	-9,81375613	0,087	0,310
CHR9	2806675	CHR9:2806675	SSF x Near_LoA	-10,0841714	-0,085	0,306
CHR9	2806694	CHR9:2806694	SSF x Near_LoA	-9,9489217	0,060	0,303
CHR9	2808207	CHR9:2808207	SSF x Near_LoA	-7,81513979	-0,037	0,310
CHR9	2808230	CHR9:2808230	SSF x Near_LoA	-8,57874869	-0,058	0,319
CHR9	2808241	CHR9:2808241	SSF x Near_LoA	-9,56575736	0,097	0,302
CHR9	2808300	CHR9:2808300	SSF x Near_LoA	-8,97619944	-0,174	0,299
CHR9	28112	CHR9:28112	SSF x Near_LoA	-5,56459557	-0,050	0,304
CHR9	2812871	CHR9:2812871	SSF x Near_LoA	-9,53206706	-0,044	0,309
CHR9	2812900	CHR9:2812900	SSF x Near_LoA	-11,4627955	0,046	0,298
CHR9	2812930	CHR9:2812930	SSF x Near_LoA	-8,6334441	-0,001	0,309
CHR9	2812943	CHR9:2812943	SSF x Near_LoA	-1,17117332	0,069	0,314
CHR9	2813105	CHR9:2813105	SSF x Near_LoA	-7,16934918	0,054	0,312
CHR9	2817208	CHR9:2817208	SSF x Near_LoA	-6,51023675	0,088	0,302
CHR9	2821327	CHR9:2821327	SSF x Near_LoA	-8,46102435	-0,082	0,312
CHR9	2821447	CHR9:2821447	SSF x Near_LoA	-7,52306502	-0,186	0,301
CHR9	2821556	CHR9:2821556	SSF x Near_LoA	-9,91366785	-0,097	0,301
CHR9	2827757	CHR9:2827757	SSF x Near_LoA	-8,82308343	0,008	0,307
CHR9	2828377	CHR9:2828377	SSF x Near_LoA	-7,73248758	-0,184	0,294
CHR9	2828402	CHR9:2828402	SSF x Near_LoA	-9,42325222	-0,055	0,294
CHR9	2828473	CHR9:2828473	SSF x Near_LoA	-10,7831119	-0,009	0,307
CHR9	2834439	CHR9:2834439	SSF x Near_LoA	-8,81090251	0,014	0,323
CHR9	2834546	CHR9:2834546	SSF x Near_LoA	-9,64182272	-0,086	0,301
CHR9	2834609	CHR9:2834609	SSF x Near_LoA	-10,5467076	0,045	0,299
CHR9	2834665	CHR9:2834665	SSF x Near_LoA	-7,40203661	-0,107	0,320
CHR9	283646	CHR9:283646	SSF x Near_LoA	-9,91184717	0,011	0,309
CHR9	2846465	CHR9:2846465	SSF x Near_LoA	-7,3874297	0,090	0,314
CHR9	2846466	CHR9:2846466	SSF x Near_LoA	-12,5299748	-0,014	0,292
CHR9	2846472	CHR9:2846472	SSF x Near_LoA	-8,80267334	0,044	0,303
CHR9	2849283	CHR9:2849283	SSF x Near_LoA	-4,19614152	-0,122	0,309
CHR9	2849291	CHR9:2849291	SSF x Near_LoA	-10,8328042	0,000	0,287
CHR9	2849293	CHR9:2849293	SSF x Near_LoA	-7,61740365	0,086	0,315

CHR9	2849403	CHR9:2849403	SSF x Near_LoA	-8,87932115	-0,079	0,302
CHR9	2851207	CHR9:2851207	SSF x Near_LoA	-9,61111764	-0,012	0,319
CHR9	2851284	CHR9:2851284	SSF x Near_LoA	-8,82200451	-0,055	0,298
CHR9	2851328	CHR9:2851328	SSF x Near_LoA	-11,2670525	0,090	0,290
CHR9	2851354	CHR9:2851354	SSF x Near_LoA	-10,1577851	0,013	0,292
CHR9	2851361	CHR9:2851361	SSF x Near_LoA	-8,24524404	-0,006	0,287
CHR9	2851402	CHR9:2851402	SSF x Near_LoA	-8,73607576	-0,023	0,303
CHR9	2857576	CHR9:2857576	SSF x Near_LoA	-8,99111663	0,020	0,311
CHR9	2857583	CHR9:2857583	SSF x Near_LoA	-7,76011791	0,040	0,289
CHR9	2857712	CHR9:2857712	SSF x Near_LoA	-10,6098102	0,020	0,303
CHR9	2857883	CHR9:2857883	SSF x Near_LoA	-10,622505	-0,066	0,309
CHR9	2867980	CHR9:2867980	SSF x Near_LoA	-9,83763479	-0,076	0,304
CHR9	2868128	CHR9:2868128	SSF x Near_LoA	-10,0747836	-0,030	0,313
CHR9	2868135	CHR9:2868135	SSF x Near_LoA	-8,77284452	0,182	0,294
CHR9	2868226	CHR9:2868226	SSF x Near_LoA	-4,46417804	-0,029	0,308
CHR9	2869854	CHR9:2869854	SSF x Near_LoA	-10,989727	-0,059	0,312
CHR9	2870891	CHR9:2870891	SSF x Near_LoA	-5,28106046	0,232	0,292
CHR9	2870896	CHR9:2870896	SSF x Near_LoA	-9,80238882	-0,062	0,307
CHR9	2870897	CHR9:2870897	SSF x Near_LoA	-9,5096826	-0,058	0,307
CHR9	2870898	CHR9:2870898	SSF x Near_LoA	-8,38408441	-0,078	0,308
CHR9	2871120	CHR9:2871120	SSF x Near_LoA	-4,9395392	0,077	0,308
CHR9	287143	CHR9:287143	SSF x Near_LoA	-9,38013992	0,026	0,312
CHR9	288300	CHR9:288300	SSF x Near_LoA	-11,5680733	0,058	0,299
CHR9	2890829	CHR9:2890829	SSF x Near_LoA	-8,09015602	-0,083	0,313
CHR9	2890969	CHR9:2890969	SSF x Near_LoA	-11,3736489	-0,055	0,300
CHR9	2896696	CHR9:2896696	SSF x Near_LoA	-5,44994552	-0,144	0,298
CHR9	2904306	CHR9:2904306	SSF x Near_LoA	-10,5534719	-0,037	0,296
CHR9	2904449	CHR9:2904449	SSF x Near_LoA	-6,96169443	-0,125	0,306
CHR9	2904459	CHR9:2904459	SSF x Near_LoA	1,48191259	0,069	0,313
CHR9	2904479	CHR9:2904479	SSF x Near_LoA	-10,4966381	0,014	0,311
CHR9	2905571	CHR9:2905571	SSF x Near_LoA	-9,00859075	0,011	0,301
CHR9	2905680	CHR9:2905680	SSF x Near_LoA	-8,56405461	0,084	0,306
CHR9	2905701	CHR9:2905701	SSF x Near_LoA	-2,12187014	0,113	0,305
CHR9	2905702	CHR9:2905702	SSF x Near_LoA	-6,8570953	0,136	0,302
CHR9	2905717	CHR9:2905717	SSF x Near_LoA	-6,31868454	0,056	0,313
CHR9	2905746	CHR9:2905746	SSF x Near_LoA	-9,06212319	0,037	0,307
CHR9	2905776	CHR9:2905776	SSF x Near_LoA	-9,97125427	0,027	0,305
CHR9	29134	CHR9:29134	SSF x Near_LoA	-8,94359627	0,054	0,317
CHR9	2913914	CHR9:2913914	SSF x Near_LoA	-4,91165271	0,193	0,300
CHR9	2913953	CHR9:2913953	SSF x Near_LoA	-8,48946052	-0,021	0,299
CHR9	2913958	CHR9:2913958	SSF x Near_LoA	-6,71093808	-0,022	0,300
CHR9	2914063	CHR9:2914063	SSF x Near_LoA	-8,52333379	0,084	0,304
CHR9	2914133	CHR9:2914133	SSF x Near_LoA	-9,54913648	-0,069	0,305
CHR9	2918592	CHR9:2918592	SSF x Near_LoA	-5,99896079	0,130	0,305
CHR9	2918667	CHR9:2918667	SSF x Near_LoA	-9,24012844	0,129	0,302
CHR9	2918683	CHR9:2918683	SSF x Near_LoA	-8,86245417	0,064	0,309
CHR9	29199	CHR9:29199	SSF x Near_LoA	-5,81455138	0,052	0,324
CHR9	29206	CHR9:29206	SSF x Near_LoA	-9,8532866	0,079	0,312
CHR9	2924096	CHR9:2924096	SSF x Near_LoA	-11,8453821	0,039	0,300
CHR9	2924097	CHR9:2924097	SSF x Near_LoA	-10,2841304	0,059	0,306
CHR9	2924115	CHR9:2924115	SSF x Near_LoA	-9,3939185	-0,066	0,313
CHR9	2924152	CHR9:2924152	SSF x Near_LoA	-8,97356629	0,063	0,299
CHR9	2924200	CHR9:2924200	SSF x Near_LoA	-10,201802	-0,013	0,288

CHR9	2927423	CHR9:2927423	SSF x Near_LoA	-8,76077928	-0,151	0,309
CHR9	2929311	CHR9:2929311	SSF x Near_LoA	-10,4542459	-0,078	0,312
CHR9	2929555	CHR9:2929555	SSF x Near_LoA	-7,82488146	-0,023	0,307
CHR9	2930469	CHR9:2930469	SSF x Near_LoA	-8,69342848	-0,008	0,296
CHR9	2930475	CHR9:2930475	SSF x Near_LoA	-8,41471657	-0,078	0,317
CHR9	2930476	CHR9:2930476	SSF x Near_LoA	-10,8095053	-0,013	0,306
CHR9	2930504	CHR9:2930504	SSF x Near_LoA	-7,37299223	0,162	0,298
CHR9	2930508	CHR9:2930508	SSF x Near_LoA	-7,12370815	0,076	0,297
CHR9	2930537	CHR9:2930537	SSF x Near_LoA	-5,9532555	-0,172	0,306
CHR9	2936608	CHR9:2936608	SSF x Near_LoA	-11,8527312	0,070	0,296
CHR9	2936693	CHR9:2936693	SSF x Near_LoA	-9,32908556	-0,132	0,310
CHR9	2936828	CHR9:2936828	SSF x Near_LoA	-9,27566457	-0,060	0,307
CHR9	29384	CHR9:29384	SSF x Near_LoA	-6,54114935	-0,050	0,311
CHR9	2940601	CHR9:2940601	SSF x Near_LoA	-9,52575148	0,002	0,307
CHR9	2940719	CHR9:2940719	SSF x Near_LoA	-9,05728647	-0,034	0,305
CHR9	2940735	CHR9:2940735	SSF x Near_LoA	-9,52563214	-0,027	0,316
CHR9	2942942	CHR9:2942942	SSF x Near_LoA	-9,03239228	-0,002	0,305
CHR9	2951708	CHR9:2951708	SSF x Near_LoA	-6,69820022	-0,020	0,317
CHR9	2951710	CHR9:2951710	SSF x Near_LoA	-8,9640848	-0,024	0,305
CHR9	2956012	CHR9:2956012	SSF x Near_LoA	-8,69835637	0,087	0,298
CHR9	2956054	CHR9:2956054	SSF x Near_LoA	-6,861083	0,074	0,307
CHR9	2970323	CHR9:2970323	SSF x Near_LoA	-3,26877332	-0,057	0,294
CHR9	2970379	CHR9:2970379	SSF x Near_LoA	-7,94448187	0,001	0,305
CHR9	2974303	CHR9:2974303	SSF x Near_LoA	-8,85608786	0,009	0,312
CHR9	2974344	CHR9:2974344	SSF x Near_LoA	-7,05448537	-0,112	0,293
CHR9	2974349	CHR9:2974349	SSF x Near_LoA	-8,05359733	-0,090	0,296
CHR9	2974495	CHR9:2974495	SSF x Near_LoA	-9,98870642	-0,007	0,305
CHR9	298277	CHR9:298277	SSF x Near_LoA	-8,38778218	-0,067	0,298
CHR9	2982830	CHR9:2982830	SSF x Near_LoA	-9,53448747	0,021	0,297
CHR9	2988218	CHR9:2988218	SSF x Near_LoA	-7,84824436	0,100	0,301
CHR9	2988266	CHR9:2988266	SSF x Near_LoA	-8,77376531	0,078	0,319
CHR9	2988294	CHR9:2988294	SSF x Near_LoA	-1,4374095	-0,058	0,304
CHR9	2992359	CHR9:2992359	SSF x Near_LoA	-10,9266726	0,043	0,301
CHR9	2993231	CHR9:2993231	SSF x Near_LoA	-8,64366265	-0,095	0,312
CHR9	2993245	CHR9:2993245	SSF x Near_LoA	-8,21629324	-0,092	0,304
CHR9	2993257	CHR9:2993257	SSF x Near_LoA	-9,95392039	-0,034	0,310
CHR9	2993268	CHR9:2993268	SSF x Near_LoA	-7,25342673	-0,152	0,296
CHR9	2993326	CHR9:2993326	SSF x Near_LoA	-7,69717838	-0,137	0,312
CHR9	2997871	CHR9:2997871	SSF x Near_LoA	-7,9924376	0,162	0,293
CHR9	2997882	CHR9:2997882	SSF x Near_LoA	-10,1538197	0,019	0,304
CHR9	2997895	CHR9:2997895	SSF x Near_LoA	-10,7647769	-0,135	0,303
CHR9	2997943	CHR9:2997943	SSF x Near_LoA	-10,2216502	0,076	0,299
CHR9	3002804	CHR9:3002804	SSF x Near_LoA	-5,9084428	-0,058	0,315
CHR9	3002840	CHR9:3002840	SSF x Near_LoA	-8,26619166	0,036	0,318
CHR9	3003011	CHR9:3003011	SSF x Near_LoA	-8,40123049	-0,057	0,312
CHR9	3003012	CHR9:3003012	SSF x Near_LoA	-11,605736	-0,022	0,298
CHR9	3003015	CHR9:3003015	SSF x Near_LoA	-5,06783497	0,168	0,304
CHR9	3003055	CHR9:3003055	SSF x Near_LoA	-9,80958165	0,027	0,292
CHR9	3003077	CHR9:3003077	SSF x Near_LoA	-7,64150629	0,160	0,304
CHR9	3006648	CHR9:3006648	SSF x Near_LoA	-9,10921221	0,060	0,304
CHR9	3006724	CHR9:3006724	SSF x Near_LoA	-8,51171244	0,023	0,310
CHR9	3006855	CHR9:3006855	SSF x Near_LoA	-10,3788035	-0,031	0,302
CHR9	3006881	CHR9:3006881	SSF x Near_LoA	-6,86225834	0,025	0,327

CHR9	3008311	CHR9:3008311	SSF x Near_LoA	-7,7447247	0,068	0,307
CHR9	3008337	CHR9:3008337	SSF x Near_LoA	-8,04305809	0,094	0,315
CHR9	3008349	CHR9:3008349	SSF x Near_LoA	-10,0496497	-0,005	0,304
CHR9	3008486	CHR9:3008486	SSF x Near_LoA	-8,61070209	0,087	0,316
CHR9	3008551	CHR9:3008551	SSF x Near_LoA	-5,50692839	-0,086	0,316
CHR9	3008680	CHR9:3008680	SSF x Near_LoA	-7,06253706	0,096	0,301
CHR9	3017698	CHR9:3017698	SSF x Near_LoA	-8,09460491	0,080	0,298
CHR9	3026752	CHR9:3026752	SSF x Near_LoA	-8,2042405	-0,031	0,305
CHR9	3026900	CHR9:3026900	SSF x Near_LoA	-9,54791416	-0,019	0,296
CHR9	3026939	CHR9:3026939	SSF x Near_LoA	-9,91753386	-0,122	0,320
CHR9	303040	CHR9:303040	SSF x Near_LoA	-8,8004494	-0,095	0,307
CHR9	3034808	CHR9:3034808	SSF x Near_LoA	-8,45955561	-0,090	0,314
CHR9	3036504	CHR9:3036504	SSF x Near_LoA	-10,5771877	0,035	0,309
CHR9	3036700	CHR9:3036700	SSF x Near_LoA	-6,08265641	-0,116	0,302
CHR9	3040835	CHR9:3040835	SSF x Near_LoA	-10,1666288	0,015	0,309
CHR9	3040866	CHR9:3040866	SSF x Near_LoA	-11,4022616	0,001	0,303
CHR9	3058441	CHR9:3058441	SSF x Near_LoA	-10,2996523	0,008	0,310
CHR9	3058519	CHR9:3058519	SSF x Near_LoA	-8,56630621	-0,071	0,315
CHR9	3058531	CHR9:3058531	SSF x Near_LoA	-10,9682596	-0,010	0,303
CHR9	3060735	CHR9:3060735	SSF x Near_LoA	-11,8139305	-0,018	0,304
CHR9	3060740	CHR9:3060740	SSF x Near_LoA	-9,7031404	0,041	0,312
CHR9	3063022	CHR9:3063022	SSF x Near_LoA	-2,76854288	-0,226	0,281
CHR9	3068731	CHR9:3068731	SSF x Near_LoA	-7,53418809	-0,022	0,309
CHR9	3068735	CHR9:3068735	SSF x Near_LoA	-8,78338593	-0,036	0,297
CHR9	3074663	CHR9:3074663	SSF x Near_LoA	-7,70404537	-0,090	0,321
CHR9	3074669	CHR9:3074669	SSF x Near_LoA	-8,01544548	-0,028	0,313
CHR9	3074672	CHR9:3074672	SSF x Near_LoA	-11,0594608	0,108	0,304
CHR9	3074675	CHR9:3074675	SSF x Near_LoA	-9,12196887	0,001	0,312
CHR9	3074720	CHR9:3074720	SSF x Near_LoA	-8,65501369	0,109	0,287
CHR9	3074739	CHR9:3074739	SSF x Near_LoA	-7,32747759	-0,093	0,321
CHR9	3074740	CHR9:3074740	SSF x Near_LoA	-9,10438027	0,062	0,307
CHR9	3074766	CHR9:3074766	SSF x Near_LoA	-9,83109607	0,009	0,301
CHR9	3074851	CHR9:3074851	SSF x Near_LoA	-8,38330578	0,141	0,307
CHR9	3074880	CHR9:3074880	SSF x Near_LoA	-6,52621792	0,112	0,313
CHR9	3074886	CHR9:3074886	SSF x Near_LoA	8,00369677	-0,140	0,302
CHR9	3078379	CHR9:3078379	SSF x Near_LoA	-8,35517914	-0,021	0,315
CHR9	3078381	CHR9:3078381	SSF x Near_LoA	-6,80050387	-0,064	0,297
CHR9	3078863	CHR9:3078863	SSF x Near_LoA	-10,7796307	0,099	0,296
CHR9	3078872	CHR9:3078872	SSF x Near_LoA	-2,73140584	0,057	0,327
CHR9	3078945	CHR9:3078945	SSF x Near_LoA	-9,67975731	0,080	0,299
CHR9	3084012	CHR9:3084012	SSF x Near_LoA	-11,0158616	-0,064	0,308
CHR9	3084086	CHR9:3084086	SSF x Near_LoA	-10,3824117	0,097	0,291
CHR9	3084127	CHR9:3084127	SSF x Near_LoA	-8,62193282	0,010	0,295
CHR9	3084128	CHR9:3084128	SSF x Near_LoA	-9,13821384	0,015	0,308
CHR9	3084142	CHR9:3084142	SSF x Near_LoA	-11,8761087	-0,019	0,303
CHR9	3089256	CHR9:3089256	SSF x Near_LoA	-10,4551507	-0,051	0,297
CHR9	3089358	CHR9:3089358	SSF x Near_LoA	-8,56712647	0,047	0,328
CHR9	3099555	CHR9:3099555	SSF x Near_LoA	-9,62238916	-0,078	0,318
CHR9	3106846	CHR9:3106846	SSF x Near_LoA	-6,25632165	-0,047	0,307
CHR9	3106861	CHR9:3106861	SSF x Near_LoA	-10,4120458	0,029	0,325
CHR9	3112662	CHR9:3112662	SSF x Near_LoA	-9,12551829	0,000	0,302
CHR9	3112669	CHR9:3112669	SSF x Near_LoA	-8,87840879	-0,098	0,314
CHR9	3112670	CHR9:3112670	SSF x Near_LoA	-9,2444218	-0,064	0,282

CHR9	3112679	CHR9:3112679	SSF x Near_LoA	-7,50868971	-0,077	0,290
CHR9	3112721	CHR9:3112721	SSF x Near_LoA	-9,97267092	0,013	0,299
CHR9	3112729	CHR9:3112729	SSF x Near_LoA	-5,77579298	-0,004	0,294
CHR9	3116650	CHR9:3116650	SSF x Near_LoA	-8,4894595	0,115	0,274
CHR9	3116656	CHR9:3116656	SSF x Near_LoA	-11,4975178	-0,007	0,306
CHR9	3119336	CHR9:3119336	SSF x Near_LoA	-8,78719976	-0,008	0,295
CHR9	3124969	CHR9:3124969	SSF x Near_LoA	-10,3081697	0,055	0,305
CHR9	3124973	CHR9:3124973	SSF x Near_LoA	-8,50014895	0,002	0,314
CHR9	3125006	CHR9:3125006	SSF x Near_LoA	-9,60296709	0,084	0,312
CHR9	3130724	CHR9:3130724	SSF x Near_LoA	-10,5439349	-0,106	0,300
CHR9	3130770	CHR9:3130770	SSF x Near_LoA	-10,7438065	0,130	0,294
CHR9	3136789	CHR9:3136789	SSF x Near_LoA	-9,24015915	-0,093	0,318
CHR9	3136811	CHR9:3136811	SSF x Near_LoA	-8,47329531	0,030	0,314
CHR9	3136812	CHR9:3136812	SSF x Near_LoA	-8,57056761	0,040	0,314
CHR9	3136813	CHR9:3136813	SSF x Near_LoA	-9,1319854	0,040	0,308
CHR9	3136814	CHR9:3136814	SSF x Near_LoA	-6,16159691	0,036	0,308
CHR9	3139626	CHR9:3139626	SSF x Near_LoA	-8,80199052	-0,089	0,308
CHR9	3140249	CHR9:3140249	SSF x Near_LoA	-7,9066617	0,035	0,310
CHR9	3150910	CHR9:3150910	SSF x Near_LoA	-8,87605228	0,020	0,310
CHR9	3150965	CHR9:3150965	SSF x Near_LoA	-7,307179	-0,085	0,321
CHR9	3150966	CHR9:3150966	SSF x Near_LoA	-10,2560729	-0,051	0,318
CHR9	3153158	CHR9:3153158	SSF x Near_LoA	-8,8700763	-0,010	0,303
CHR9	3153253	CHR9:3153253	SSF x Near_LoA	-10,8034881	-0,020	0,307
CHR9	3153297	CHR9:3153297	SSF x Near_LoA	-9,88591087	-0,033	0,309
CHR9	3158480	CHR9:3158480	SSF x Near_LoA	-9,43030263	0,015	0,310
CHR9	3158481	CHR9:3158481	SSF x Near_LoA	-10,4651208	0,034	0,309
CHR9	317384	CHR9:317384	SSF x Near_LoA	-9,30356404	0,016	0,293
CHR9	317427	CHR9:317427	SSF x Near_LoA	-9,94419404	-0,003	0,310
CHR9	3195247	CHR9:3195247	SSF x Near_LoA	-9,68353352	0,039	0,307
CHR9	3200269	CHR9:3200269	SSF x Near_LoA	-8,35885239	0,032	0,320
CHR9	3200293	CHR9:3200293	SSF x Near_LoA	-8,59142242	0,020	0,306
CHR9	3200311	CHR9:3200311	SSF x Near_LoA	-10,576451	0,075	0,304
CHR9	3200330	CHR9:3200330	SSF x Near_LoA	-10,4922741	0,031	0,299
CHR9	3200365	CHR9:3200365	SSF x Near_LoA	-6,60986318	0,132	0,308
CHR9	3200390	CHR9:3200390	SSF x Near_LoA	-9,49949479	-0,095	0,291
CHR9	3200421	CHR9:3200421	SSF x Near_LoA	-9,01873558	0,168	0,297
CHR9	3200496	CHR9:3200496	SSF x Near_LoA	-10,7744053	-0,047	0,308
CHR9	3203536	CHR9:3203536	SSF x Near_LoA	-8,54749989	0,059	0,311
CHR9	3203692	CHR9:3203692	SSF x Near_LoA	-9,78930284	-0,055	0,307
CHR9	3203693	CHR9:3203693	SSF x Near_LoA	-8,92323132	-0,038	0,299
CHR9	3204629	CHR9:3204629	SSF x Near_LoA	-10,6953844	-0,087	0,307
CHR9	3204636	CHR9:3204636	SSF x Near_LoA	-11,6855242	0,028	0,306
CHR9	3204638	CHR9:3204638	SSF x Near_LoA	-7,25974323	-0,122	0,306
CHR9	3204675	CHR9:3204675	SSF x Near_LoA	-10,4556637	-0,028	0,312
CHR9	3214933	CHR9:3214933	SSF x Near_LoA	-4,83845538	0,201	0,284
CHR9	3214986	CHR9:3214986	SSF x Near_LoA	-6,4120363	-0,217	0,291
CHR9	3215085	CHR9:3215085	SSF x Near_LoA	-10,6647438	-0,068	0,307
CHR9	3218703	CHR9:3218703	SSF x Near_LoA	-4,52192976	-0,047	0,328
CHR9	3231425	CHR9:3231425	SSF x Near_LoA	-8,2746053	0,024	0,311
CHR9	3231438	CHR9:3231438	SSF x Near_LoA	-11,2217324	-0,001	0,314
CHR9	3231449	CHR9:3231449	SSF x Near_LoA	-7,82485982	0,080	0,308
CHR9	3234588	CHR9:3234588	SSF x Near_LoA	-6,54544477	0,025	0,318
CHR9	3234651	CHR9:3234651	SSF x Near_LoA	-7,64510807	0,085	0,309

CHR9	3236034	CHR9:3236034	SSF x Near_LoA	-6,20443665	0,002	0,316
CHR9	3236866	CHR9:3236866	SSF x Near_LoA	-8,05601942	-0,031	0,318
CHR9	3236883	CHR9:3236883	SSF x Near_LoA	-8,6154403	-0,051	0,309
CHR9	3249849	CHR9:3249849	SSF x Near_LoA	-11,1054625	0,022	0,295
CHR9	3265121	CHR9:3265121	SSF x Near_LoA	-11,2794316	-0,024	0,312
CHR9	3265181	CHR9:3265181	SSF x Near_LoA	-5,85221941	-0,030	0,320
CHR9	3266278	CHR9:3266278	SSF x Near_LoA	-9,15259006	0,074	0,307
CHR9	3266299	CHR9:3266299	SSF x Near_LoA	-10,7840849	0,017	0,315
CHR9	3274407	CHR9:3274407	SSF x Near_LoA	-8,90489371	0,065	0,313
CHR9	328790	CHR9:328790	SSF x Near_LoA	-12,5912808	-0,013	0,299
CHR9	328896	CHR9:328896	SSF x Near_LoA	-8,39970723	0,115	0,310
CHR9	3291008	CHR9:3291008	SSF x Near_LoA	-10,6256999	0,102	0,309
CHR9	3305753	CHR9:3305753	SSF x Near_LoA	-6,71223696	-0,126	0,311
CHR9	3305852	CHR9:3305852	SSF x Near_LoA	-4,42756632	0,067	0,302
CHR9	3316937	CHR9:3316937	SSF x Near_LoA	-9,09422865	0,028	0,292
CHR9	333143	CHR9:333143	SSF x Near_LoA	-9,75994109	0,037	0,300
CHR9	333144	CHR9:333144	SSF x Near_LoA	9,49863233	0,139	0,299
CHR9	333171	CHR9:333171	SSF x Near_LoA	-10,7539135	0,018	0,305
CHR9	333196	CHR9:333196	SSF x Near_LoA	-11,1692055	0,032	0,305
CHR9	333248	CHR9:333248	SSF x Near_LoA	-10,6636831	-0,034	0,298
CHR9	333344	CHR9:333344	SSF x Near_LoA	-9,36141702	-0,085	0,310
CHR9	333349	CHR9:333349	SSF x Near_LoA	-9,49740534	-0,071	0,318
CHR9	3334686	CHR9:3334686	SSF x Near_LoA	-9,93652772	0,025	0,297
CHR9	3334795	CHR9:3334795	SSF x Near_LoA	-8,47923676	0,052	0,318
CHR9	3335908	CHR9:3335908	SSF x Near_LoA	-7,51338368	-0,052	0,295
CHR9	3336047	CHR9:3336047	SSF x Near_LoA	-10,7412887	0,079	0,299
CHR9	3358187	CHR9:3358187	SSF x Near_LoA	-9,52107181	-0,088	0,306
CHR9	3358618	CHR9:3358618	SSF x Near_LoA	-12,1103429	0,030	0,301
CHR9	3366441	CHR9:3366441	SSF x Near_LoA	-11,5145178	-0,080	0,304
CHR9	3380707	CHR9:3380707	SSF x Near_LoA	-9,69970698	-0,068	0,308
CHR9	3380721	CHR9:3380721	SSF x Near_LoA	-3,73813342	-0,181	0,295
CHR9	3380740	CHR9:3380740	SSF x Near_LoA	1,96443066	-0,212	0,273
CHR9	3380742	CHR9:3380742	SSF x Near_LoA	-6,72301602	-0,195	0,275
CHR9	3380760	CHR9:3380760	SSF x Near_LoA	-7,64707717	-0,070	0,294
CHR9	3380810	CHR9:3380810	SSF x Near_LoA	-3,9829994	0,198	0,298
CHR9	3380888	CHR9:3380888	SSF x Near_LoA	-7,94351953	-0,127	0,287
CHR9	3380925	CHR9:3380925	SSF x Near_LoA	-10,8757387	0,068	0,315
CHR9	3386078	CHR9:3386078	SSF x Near_LoA	-8,357476	-0,020	0,320
CHR9	3386080	CHR9:3386080	SSF x Near_LoA	-8,09384862	-0,067	0,317
CHR9	3396740	CHR9:3396740	SSF x Near_LoA	-8,01226388	-0,034	0,313
CHR9	3396789	CHR9:3396789	SSF x Near_LoA	-9,55161877	0,088	0,309
CHR9	3406447	CHR9:3406447	SSF x Near_LoA	-9,03583252	0,029	0,313
CHR9	3408413	CHR9:3408413	SSF x Near_LoA	-8,57047777	0,119	0,310
CHR9	3408445	CHR9:3408445	SSF x Near_LoA	-10,8427943	-0,089	0,294
CHR9	3408494	CHR9:3408494	SSF x Near_LoA	-11,8316635	0,041	0,291
CHR9	3408514	CHR9:3408514	SSF x Near_LoA	-11,4736732	-0,013	0,314
CHR9	3408646	CHR9:3408646	SSF x Near_LoA	-9,34488556	-0,010	0,305
CHR9	3420457	CHR9:3420457	SSF x Near_LoA	-8,09251663	0,024	0,308
CHR9	342249	CHR9:342249	SSF x Near_LoA	-9,61171327	0,045	0,314
CHR9	342445	CHR9:342445	SSF x Near_LoA	-9,96892994	0,104	0,309
CHR9	3428949	CHR9:3428949	SSF x Near_LoA	-6,72688479	0,094	0,304
CHR9	3428974	CHR9:3428974	SSF x Near_LoA	-10,6306678	-0,091	0,307
CHR9	3428975	CHR9:3428975	SSF x Near_LoA	-9,15702432	-0,003	0,338

CHR9	3429107	CHR9:3429107	SSF x Near_LoA	-10,8839339	-0,013	0,299
CHR9	3446764	CHR9:3446764	SSF x Near_LoA	-8,32987079	-0,032	0,313
CHR9	3446806	CHR9:3446806	SSF x Near_LoA	-9,41845428	-0,069	0,294
CHR9	3446815	CHR9:3446815	SSF x Near_LoA	-9,27518043	0,042	0,318
CHR9	3446823	CHR9:3446823	SSF x Near_LoA	-10,2206246	-0,088	0,305
CHR9	3446848	CHR9:3446848	SSF x Near_LoA	-6,50228265	0,076	0,310
CHR9	3451017	CHR9:3451017	SSF x Near_LoA	-12,1088245	-0,032	0,293
CHR9	3451022	CHR9:3451022	SSF x Near_LoA	-9,42594873	-0,011	0,304
CHR9	3457894	CHR9:3457894	SSF x Near_LoA	-11,2958088	0,065	0,303
CHR9	3458019	CHR9:3458019	SSF x Near_LoA	-11,607358	-0,014	0,322
CHR9	345843	CHR9:345843	SSF x Near_LoA	-10,0934075	-0,092	0,314
CHR9	345859	CHR9:345859	SSF x Near_LoA	-10,6042606	-0,088	0,318
CHR9	345868	CHR9:345868	SSF x Near_LoA	-8,59918175	0,112	0,315
CHR9	3462520	CHR9:3462520	SSF x Near_LoA	-8,29196759	-0,174	0,318
CHR9	3466187	CHR9:3466187	SSF x Near_LoA	-8,6964784	-0,066	0,317
CHR9	3466446	CHR9:3466446	SSF x Near_LoA	-0,44608755	-0,084	0,318
CHR9	3469879	CHR9:3469879	SSF x Near_LoA	1,80858023	-0,135	0,318
CHR9	3469958	CHR9:3469958	SSF x Near_LoA	-8,32008766	0,196	0,300
CHR9	3470025	CHR9:3470025	SSF x Near_LoA	-9,98728704	-0,035	0,306
CHR9	3470045	CHR9:3470045	SSF x Near_LoA	-9,44245531	-0,048	0,307
CHR9	3470124	CHR9:3470124	SSF x Near_LoA	-6,41771336	-0,081	0,316
CHR9	3479232	CHR9:3479232	SSF x Near_LoA	-9,70362311	0,013	0,297
CHR9	3479279	CHR9:3479279	SSF x Near_LoA	-6,78787559	0,114	0,307
CHR9	3479437	CHR9:3479437	SSF x Near_LoA	-8,54669564	-0,095	0,320
CHR9	3479474	CHR9:3479474	SSF x Near_LoA	-8,25200165	0,119	0,298
CHR9	3484986	CHR9:3484986	SSF x Near_LoA	-8,79238899	0,059	0,306
CHR9	3491752	CHR9:3491752	SSF x Near_LoA	-7,28306525	0,099	0,304
CHR9	3491812	CHR9:3491812	SSF x Near_LoA	-5,54446167	0,179	0,300
CHR9	3492590	CHR9:3492590	SSF x Near_LoA	-8,88317804	-0,051	0,308
CHR9	3492617	CHR9:3492617	SSF x Near_LoA	-8,46048957	-0,053	0,311
CHR9	3501440	CHR9:3501440	SSF x Near_LoA	-8,92906333	0,009	0,318
CHR9	350553	CHR9:350553	SSF x Near_LoA	-8,78642532	-0,003	0,317
CHR9	350745	CHR9:350745	SSF x Near_LoA	-5,62807342	-0,065	0,319
CHR9	3519400	CHR9:3519400	SSF x Near_LoA	-8,43760908	-0,067	0,303
CHR9	3519585	CHR9:3519585	SSF x Near_LoA	-12,0232153	0,021	0,308
CHR9	3519701	CHR9:3519701	SSF x Near_LoA	-7,17202139	-0,088	0,312
CHR9	3530193	CHR9:3530193	SSF x Near_LoA	-9,42130591	0,038	0,310
CHR9	3530306	CHR9:3530306	SSF x Near_LoA	-9,76456304	0,064	0,298
CHR9	3530316	CHR9:3530316	SSF x Near_LoA	-9,37028571	0,032	0,295
CHR9	353934	CHR9:353934	SSF x Near_LoA	-9,81441353	0,066	0,302
CHR9	354060	CHR9:354060	SSF x Near_LoA	-7,59606169	0,167	0,309
CHR9	354067	CHR9:354067	SSF x Near_LoA	-8,72427197	0,036	0,305
CHR9	354081	CHR9:354081	SSF x Near_LoA	-11,8355798	0,055	0,295
CHR9	3540994	CHR9:3540994	SSF x Near_LoA	-9,23990844	-0,116	0,302
CHR9	3549283	CHR9:3549283	SSF x Near_LoA	-9,07610076	0,096	0,304
CHR9	3549346	CHR9:3549346	SSF x Near_LoA	-10,0065786	-0,043	0,301
CHR9	3554567	CHR9:3554567	SSF x Near_LoA	-8,84235027	0,021	0,310
CHR9	3562578	CHR9:3562578	SSF x Near_LoA	-6,97943014	0,073	0,321
CHR9	3564441	CHR9:3564441	SSF x Near_LoA	-10,1686844	0,093	0,306
CHR9	3564484	CHR9:3564484	SSF x Near_LoA	2,11836887	0,142	0,315
CHR9	3564924	CHR9:3564924	SSF x Near_LoA	-9,03817714	0,090	0,311
CHR9	3569770	CHR9:3569770	SSF x Near_LoA	-7,54972346	-0,135	0,311
CHR9	3569854	CHR9:3569854	SSF x Near_LoA	-10,9445068	0,124	0,297

CHR9	3588212	CHR9:3588212	SSF x Near_LoA	-8,39063243	0,130	0,286
CHR9	3588353	CHR9:3588353	SSF x Near_LoA	-10,3848989	-0,099	0,303
CHR9	3588361	CHR9:3588361	SSF x Near_LoA	-8,77168807	-0,078	0,301
CHR9	3589583	CHR9:3589583	SSF x Near_LoA	-4,31661647	0,073	0,305
CHR9	3589796	CHR9:3589796	SSF x Near_LoA	-11,3234068	-0,069	0,297
CHR9	3591536	CHR9:3591536	SSF x Near_LoA	-6,37664453	0,142	0,310
CHR9	3591573	CHR9:3591573	SSF x Near_LoA	-8,30064537	0,049	0,310
CHR9	3591602	CHR9:3591602	SSF x Near_LoA	-10,9997105	0,024	0,322
CHR9	3594308	CHR9:3594308	SSF x Near_LoA	-10,3775402	-0,009	0,325
CHR9	3594310	CHR9:3594310	SSF x Near_LoA	-10,8235977	-0,026	0,306
CHR9	3594314	CHR9:3594314	SSF x Near_LoA	-11,4676278	-0,037	0,301
CHR9	3594316	CHR9:3594316	SSF x Near_LoA	-9,60449734	-0,032	0,309
CHR9	3594360	CHR9:3594360	SSF x Near_LoA	-8,89031838	0,085	0,310
CHR9	3600497	CHR9:3600497	SSF x Near_LoA	-7,2663363	0,086	0,313
CHR9	3605062	CHR9:3605062	SSF x Near_LoA	-9,98689039	0,043	0,305
CHR9	3605068	CHR9:3605068	SSF x Near_LoA	-10,271963	-0,037	0,298
CHR9	3624432	CHR9:3624432	SSF x Near_LoA	-9,26705188	0,034	0,314
CHR9	3624457	CHR9:3624457	SSF x Near_LoA	-7,90315846	0,077	0,313
CHR9	3624467	CHR9:3624467	SSF x Near_LoA	-8,83954256	0,034	0,312
CHR9	3624519	CHR9:3624519	SSF x Near_LoA	-9,97765746	0,110	0,306
CHR9	3624560	CHR9:3624560	SSF x Near_LoA	-9,35714214	-0,115	0,321
CHR9	3624581	CHR9:3624581	SSF x Near_LoA	-9,46572953	-0,111	0,314
CHR9	3624642	CHR9:3624642	SSF x Near_LoA	-8,27639257	0,097	0,306
CHR9	3624682	CHR9:3624682	SSF x Near_LoA	-8,71987683	0,046	0,313
CHR9	3628655	CHR9:3628655	SSF x Near_LoA	-9,3473773	0,080	0,298
CHR9	3628657	CHR9:3628657	SSF x Near_LoA	-8,19486981	0,039	0,311
CHR9	3634948	CHR9:3634948	SSF x Near_LoA	-10,4198384	-0,023	0,314
CHR9	3636039	CHR9:3636039	SSF x Near_LoA	-10,646016	0,073	0,300
CHR9	3637825	CHR9:3637825	SSF x Near_LoA	-9,8548618	0,076	0,307
CHR9	3647872	CHR9:3647872	SSF x Near_LoA	-10,1437592	-0,058	0,304
CHR9	3647886	CHR9:3647886	SSF x Near_LoA	-11,0053381	-0,023	0,296
CHR9	3647902	CHR9:3647902	SSF x Near_LoA	-7,59878044	0,043	0,319
CHR9	3651300	CHR9:3651300	SSF x Near_LoA	-10,3789708	-0,064	0,306
CHR9	3653048	CHR9:3653048	SSF x Near_LoA	-7,45542802	0,054	0,310
CHR9	3653052	CHR9:3653052	SSF x Near_LoA	-8,77688119	0,055	0,297
CHR9	3653059	CHR9:3653059	SSF x Near_LoA	-8,51083453	0,058	0,294
CHR9	3657885	CHR9:3657885	SSF x Near_LoA	-11,071038	-0,002	0,311
CHR9	3657906	CHR9:3657906	SSF x Near_LoA	-10,8084012	0,081	0,312
CHR9	3657912	CHR9:3657912	SSF x Near_LoA	-8,51083276	-0,123	0,297
CHR9	3657935	CHR9:3657935	SSF x Near_LoA	-3,6152487	-0,083	0,295
CHR9	3657963	CHR9:3657963	SSF x Near_LoA	-6,42503775	-0,074	0,295
CHR9	3657984	CHR9:3657984	SSF x Near_LoA	-8,72984971	0,150	0,302
CHR9	3681992	CHR9:3681992	SSF x Near_LoA	-8,48799929	0,060	0,314
CHR9	3682217	CHR9:3682217	SSF x Near_LoA	-4,97545194	0,005	0,304
CHR9	3687723	CHR9:3687723	SSF x Near_LoA	-8,27484251	0,069	0,307
CHR9	3687738	CHR9:3687738	SSF x Near_LoA	-10,4226454	0,062	0,303
CHR9	3688029	CHR9:3688029	SSF x Near_LoA	-11,0484597	-0,069	0,306
CHR9	3688061	CHR9:3688061	SSF x Near_LoA	-8,90877528	0,093	0,303
CHR9	3694360	CHR9:3694360	SSF x Near_LoA	-9,85752733	0,038	0,311
CHR9	3694390	CHR9:3694390	SSF x Near_LoA	-8,03329615	0,065	0,311
CHR9	3694415	CHR9:3694415	SSF x Near_LoA	-11,1542494	-0,055	0,312
CHR9	3697875	CHR9:3697875	SSF x Near_LoA	-9,96667794	-0,014	0,302
CHR9	3712458	CHR9:3712458	SSF x Near_LoA	-9,53099002	-0,006	0,314

CHR9	3714468	CHR9:3714468	SSF x Near_LoA	-7,66601896	0,082	0,294
CHR9	3722549	CHR9:3722549	SSF x Near_LoA	-10,4634703	-0,080	0,294
CHR9	3722758	CHR9:3722758	SSF x Near_LoA	-8,32524027	0,110	0,311
CHR9	3727680	CHR9:3727680	SSF x Near_LoA	-12,624475	-0,026	0,302
CHR9	3727718	CHR9:3727718	SSF x Near_LoA	-8,7136422	0,105	0,297
CHR9	3736492	CHR9:3736492	SSF x Near_LoA	-5,80785717	0,007	0,298
CHR9	3736559	CHR9:3736559	SSF x Near_LoA	-8,31921777	0,088	0,302
CHR9	3736560	CHR9:3736560	SSF x Near_LoA	-9,96138029	0,006	0,288
CHR9	3736616	CHR9:3736616	SSF x Near_LoA	-4,68011412	0,077	0,297
CHR9	3738548	CHR9:3738548	SSF x Near_LoA	-10,380502	-0,011	0,302
CHR9	3738578	CHR9:3738578	SSF x Near_LoA	-11,5294415	0,001	0,297
CHR9	3738605	CHR9:3738605	SSF x Near_LoA	-9,96477291	0,024	0,310
CHR9	3738674	CHR9:3738674	SSF x Near_LoA	-10,0966915	0,010	0,312
CHR9	3745347	CHR9:3745347	SSF x Near_LoA	-9,20687182	-0,074	0,293
CHR9	3749266	CHR9:3749266	SSF x Near_LoA	-9,07111429	-0,119	0,305
CHR9	3752740	CHR9:3752740	SSF x Near_LoA	-10,7226649	-0,041	0,298
CHR9	3758203	CHR9:3758203	SSF x Near_LoA	-10,0118327	-0,044	0,295
CHR9	3758205	CHR9:3758205	SSF x Near_LoA	-9,9959521	-0,075	0,309
CHR9	3758225	CHR9:3758225	SSF x Near_LoA	-7,90089822	0,015	0,314
CHR9	3758235	CHR9:3758235	SSF x Near_LoA	-9,27085258	-0,082	0,326
CHR9	3758336	CHR9:3758336	SSF x Near_LoA	-7,97778288	-0,072	0,298
CHR9	3758409	CHR9:3758409	SSF x Near_LoA	-7,39116673	0,099	0,304
CHR9	3758414	CHR9:3758414	SSF x Near_LoA	-10,3144473	-0,099	0,300
CHR9	3769407	CHR9:3769407	SSF x Near_LoA	-7,93804629	0,136	0,295
CHR9	3769409	CHR9:3769409	SSF x Near_LoA	-8,51211089	0,086	0,310
CHR9	3769629	CHR9:3769629	SSF x Near_LoA	-9,73664064	0,100	0,298
CHR9	3769650	CHR9:3769650	SSF x Near_LoA	-10,4819863	-0,009	0,302
CHR9	3769684	CHR9:3769684	SSF x Near_LoA	-8,01647797	0,045	0,311
CHR9	3769690	CHR9:3769690	SSF x Near_LoA	-5,92491764	0,002	0,317
CHR9	3782506	CHR9:3782506	SSF x Near_LoA	-8,43619818	-0,025	0,305
CHR9	3782518	CHR9:3782518	SSF x Near_LoA	-8,90216893	0,127	0,304
CHR9	3782532	CHR9:3782532	SSF x Near_LoA	-8,31605761	-0,096	0,301
CHR9	3791415	CHR9:3791415	SSF x Near_LoA	-9,33352146	-0,038	0,304
CHR9	3791457	CHR9:3791457	SSF x Near_LoA	-11,1481803	0,015	0,313
CHR9	3794395	CHR9:3794395	SSF x Near_LoA	-9,68965806	0,060	0,296
CHR9	3812598	CHR9:3812598	SSF x Near_LoA	-8,53506631	-0,010	0,317
CHR9	3812608	CHR9:3812608	SSF x Near_LoA	-10,8159686	0,033	0,309
CHR9	3812610	CHR9:3812610	SSF x Near_LoA	-5,3014301	-0,089	0,307
CHR9	3812683	CHR9:3812683	SSF x Near_LoA	-10,415301	0,059	0,308
CHR9	3812717	CHR9:3812717	SSF x Near_LoA	-10,4724135	-0,047	0,310
CHR9	3813300	CHR9:3813300	SSF x Near_LoA	-10,4713134	-0,076	0,308
CHR9	3813322	CHR9:3813322	SSF x Near_LoA	-11,8936784	-0,032	0,312
CHR9	3813356	CHR9:3813356	SSF x Near_LoA	-9,58592007	-0,071	0,315
CHR9	3815090	CHR9:3815090	SSF x Near_LoA	-9,09888457	-0,015	0,301
CHR9	3818732	CHR9:3818732	SSF x Near_LoA	-7,98655654	0,139	0,306
CHR9	3818800	CHR9:3818800	SSF x Near_LoA	-10,4888215	-0,070	0,303
CHR9	3818823	CHR9:3818823	SSF x Near_LoA	-10,8783269	-0,020	0,286
CHR9	3818854	CHR9:3818854	SSF x Near_LoA	-10,4204364	0,009	0,309
CHR9	3819565	CHR9:3819565	SSF x Near_LoA	-9,38113217	-0,083	0,308
CHR9	3819566	CHR9:3819566	SSF x Near_LoA	-11,068418	-0,076	0,317
CHR9	3819600	CHR9:3819600	SSF x Near_LoA	-10,3928838	0,069	0,302
CHR9	3822468	CHR9:3822468	SSF x Near_LoA	-9,24061906	-0,128	0,287
CHR9	3827119	CHR9:3827119	SSF x Near_LoA	-11,7530019	0,004	0,317

CHR9	3831599	CHR9:3831599	SSF x Near_LoA	-10,3631992	0,026	0,303
CHR9	3831651	CHR9:3831651	SSF x Near_LoA	-10,1348419	-0,100	0,318
CHR9	3836127	CHR9:3836127	SSF x Near_LoA	-11,2571749	-0,085	0,302
CHR9	3836293	CHR9:3836293	SSF x Near_LoA	-8,9088044	-0,038	0,301
CHR9	3836330	CHR9:3836330	SSF x Near_LoA	-10,7535656	-0,079	0,323
CHR9	3839954	CHR9:3839954	SSF x Near_LoA	-9,10057994	0,149	0,303
CHR9	3839973	CHR9:3839973	SSF x Near_LoA	-6,25819404	-0,077	0,310
CHR9	3839977	CHR9:3839977	SSF x Near_LoA	-9,17759841	0,023	0,300
CHR9	3839988	CHR9:3839988	SSF x Near_LoA	-8,48168053	0,016	0,303
CHR9	3839990	CHR9:3839990	SSF x Near_LoA	-8,17999228	0,105	0,284
CHR9	3840066	CHR9:3840066	SSF x Near_LoA	-11,1454159	-0,057	0,315
CHR9	3842834	CHR9:3842834	SSF x Near_LoA	-8,03349403	-0,086	0,310
CHR9	3842866	CHR9:3842866	SSF x Near_LoA	-9,50415023	0,004	0,312
CHR9	3851940	CHR9:3851940	SSF x Near_LoA	-8,8105707	0,056	0,318
CHR9	3851975	CHR9:3851975	SSF x Near_LoA	-10,1243954	0,074	0,292
CHR9	3851983	CHR9:3851983	SSF x Near_LoA	-6,431794	-0,191	0,298
CHR9	3851993	CHR9:3851993	SSF x Near_LoA	-6,41488915	-0,186	0,305
CHR9	3852012	CHR9:3852012	SSF x Near_LoA	-9,6534021	-0,066	0,309
CHR9	3852036	CHR9:3852036	SSF x Near_LoA	-5,22570942	-0,234	0,298
CHR9	3852083	CHR9:3852083	SSF x Near_LoA	-8,7642636	0,066	0,318
CHR9	3855527	CHR9:3855527	SSF x Near_LoA	-8,64421474	-0,055	0,308
CHR9	3855545	CHR9:3855545	SSF x Near_LoA	-9,07629839	-0,079	0,307
CHR9	3855563	CHR9:3855563	SSF x Near_LoA	-9,48258272	0,089	0,310
CHR9	3855639	CHR9:3855639	SSF x Near_LoA	-9,37255389	0,094	0,297
CHR9	3855644	CHR9:3855644	SSF x Near_LoA	-10,6291297	0,035	0,307
CHR9	385573	CHR9:385573	SSF x Near_LoA	-8,53035805	0,128	0,289
CHR9	385576	CHR9:385576	SSF x Near_LoA	-10,1171364	-0,082	0,305
CHR9	385595	CHR9:385595	SSF x Near_LoA	-8,19955247	-0,130	0,303
CHR9	385616	CHR9:385616	SSF x Near_LoA	-10,2011907	0,017	0,291
CHR9	385698	CHR9:385698	SSF x Near_LoA	-9,43232954	-0,012	0,295
CHR9	385792	CHR9:385792	SSF x Near_LoA	-7,84442449	0,022	0,312
CHR9	3861210	CHR9:3861210	SSF x Near_LoA	-9,9584946	-0,034	0,304
CHR9	3867869	CHR9:3867869	SSF x Near_LoA	-9,54632731	0,021	0,326
CHR9	3869587	CHR9:3869587	SSF x Near_LoA	-8,79036431	-0,082	0,287
CHR9	3869588	CHR9:3869588	SSF x Near_LoA	-9,46552178	-0,063	0,297
CHR9	3869603	CHR9:3869603	SSF x Near_LoA	-10,9904401	0,124	0,297
CHR9	3869636	CHR9:3869636	SSF x Near_LoA	-6,60037086	-0,065	0,305
CHR9	3869637	CHR9:3869637	SSF x Near_LoA	-9,0523327	-0,035	0,303
CHR9	3869698	CHR9:3869698	SSF x Near_LoA	-11,0910636	0,059	0,299
CHR9	3873176	CHR9:3873176	SSF x Near_LoA	-10,2108822	0,038	0,298
CHR9	3873270	CHR9:3873270	SSF x Near_LoA	-10,658857	0,027	0,303
CHR9	3873275	CHR9:3873275	SSF x Near_LoA	-10,0699758	-0,009	0,296
CHR9	3873347	CHR9:3873347	SSF x Near_LoA	-7,80190633	-0,002	0,297
CHR9	3873348	CHR9:3873348	SSF x Near_LoA	-6,58732251	-0,025	0,308
CHR9	3873367	CHR9:3873367	SSF x Near_LoA	-8,23146862	0,010	0,310
CHR9	3873372	CHR9:3873372	SSF x Near_LoA	-9,58526091	-0,026	0,311
CHR9	3889003	CHR9:3889003	SSF x Near_LoA	-5,89460181	0,138	0,302
CHR9	3889010	CHR9:3889010	SSF x Near_LoA	-3,75815662	0,048	0,307
CHR9	3889031	CHR9:3889031	SSF x Near_LoA	-10,0337786	-0,117	0,308
CHR9	3889110	CHR9:3889110	SSF x Near_LoA	-8,02786363	-0,041	0,304
CHR9	3889202	CHR9:3889202	SSF x Near_LoA	-8,43054587	0,000	0,318
CHR9	3893255	CHR9:3893255	SSF x Near_LoA	-9,29492369	0,000	0,295
CHR9	3893363	CHR9:3893363	SSF x Near_LoA	-8,3963725	-0,022	0,305

CHR9	3901915	CHR9:3901915	SSF x Near_LoA	-11,640918	0,003	0,308
CHR9	3902184	CHR9:3902184	SSF x Near_LoA	-9,69363266	-0,057	0,307
CHR9	3902220	CHR9:3902220	SSF x Near_LoA	-8,87881254	0,104	0,325
CHR9	3915597	CHR9:3915597	SSF x Near_LoA	-9,35312521	-0,059	0,271
CHR9	3915600	CHR9:3915600	SSF x Near_LoA	-9,70112886	-0,039	0,271
CHR9	3915626	CHR9:3915626	SSF x Near_LoA	-12,0909565	0,003	0,288
CHR9	3916335	CHR9:3916335	SSF x Near_LoA	-7,61723463	-0,088	0,306
CHR9	3916340	CHR9:3916340	SSF x Near_LoA	-9,42857791	0,083	0,292
CHR9	3918176	CHR9:3918176	SSF x Near_LoA	-10,5454349	-0,014	0,299
CHR9	3918189	CHR9:3918189	SSF x Near_LoA	-9,8865859	0,077	0,310
CHR9	3918314	CHR9:3918314	SSF x Near_LoA	-10,1033332	0,047	0,313
CHR9	3925419	CHR9:3925419	SSF x Near_LoA	-10,6001699	-0,011	0,298
CHR9	3925434	CHR9:3925434	SSF x Near_LoA	-11,4844153	-0,035	0,306
CHR9	3928185	CHR9:3928185	SSF x Near_LoA	-7,90096709	0,062	0,299
CHR9	3928210	CHR9:3928210	SSF x Near_LoA	-10,1381971	-0,070	0,318
CHR9	3928212	CHR9:3928212	SSF x Near_LoA	-7,96136365	0,028	0,309
CHR9	3928254	CHR9:3928254	SSF x Near_LoA	-11,3719213	-0,116	0,292
CHR9	3930898	CHR9:3930898	SSF x Near_LoA	-10,6510399	-0,025	0,321
CHR9	3930971	CHR9:3930971	SSF x Near_LoA	-6,21890698	0,091	0,304
CHR9	3939547	CHR9:3939547	SSF x Near_LoA	-10,4146482	-0,048	0,295
CHR9	3947747	CHR9:3947747	SSF x Near_LoA	-10,7261784	0,014	0,304
CHR9	3954144	CHR9:3954144	SSF x Near_LoA	-8,54928283	0,111	0,294
CHR9	3954151	CHR9:3954151	SSF x Near_LoA	-5,76293985	0,133	0,275
CHR9	3954166	CHR9:3954166	SSF x Near_LoA	-5,13120325	0,207	0,294
CHR9	3954207	CHR9:3954207	SSF x Near_LoA	-10,3107149	-0,004	0,318
CHR9	3958029	CHR9:3958029	SSF x Near_LoA	-9,7784164	0,042	0,309
CHR9	3958154	CHR9:3958154	SSF x Near_LoA	-9,79273746	-0,034	0,302
CHR9	3958170	CHR9:3958170	SSF x Near_LoA	-8,53818218	-0,026	0,301
CHR9	3958239	CHR9:3958239	SSF x Near_LoA	-8,53928671	0,051	0,318
CHR9	3964550	CHR9:3964550	SSF x Near_LoA	-7,46933212	-0,174	0,314
CHR9	3964637	CHR9:3964637	SSF x Near_LoA	-10,3739099	-0,084	0,319
CHR9	3964712	CHR9:3964712	SSF x Near_LoA	-8,29986884	0,146	0,294
CHR9	3964802	CHR9:3964802	SSF x Near_LoA	-9,36518936	0,045	0,313
CHR9	3964835	CHR9:3964835	SSF x Near_LoA	-7,17561647	-0,105	0,320
CHR9	3968172	CHR9:3968172	SSF x Near_LoA	-8,38474782	-0,049	0,298
CHR9	3968222	CHR9:3968222	SSF x Near_LoA	-8,05110538	0,094	0,302
CHR9	3968237	CHR9:3968237	SSF x Near_LoA	4,72033884	0,153	0,311
CHR9	3968257	CHR9:3968257	SSF x Near_LoA	-9,31375228	-0,041	0,297
CHR9	3968345	CHR9:3968345	SSF x Near_LoA	-8,26633086	-0,015	0,308
CHR9	3968359	CHR9:3968359	SSF x Near_LoA	-8,74857791	0,046	0,306
CHR9	3968363	CHR9:3968363	SSF x Near_LoA	-9,17984129	0,037	0,306
CHR9	3968381	CHR9:3968381	SSF x Near_LoA	-8,34904152	0,004	0,321
CHR9	3968401	CHR9:3968401	SSF x Near_LoA	-10,0629037	0,025	0,302
CHR9	397016	CHR9:397016	SSF x Near_LoA	-10,1078083	-0,068	0,306
CHR9	397151	CHR9:397151	SSF x Near_LoA	-7,41948766	0,053	0,302
CHR9	3972774	CHR9:3972774	SSF x Near_LoA	-9,47175066	-0,041	0,291
CHR9	3972791	CHR9:3972791	SSF x Near_LoA	-8,58271978	0,000	0,300
CHR9	3972861	CHR9:3972861	SSF x Near_LoA	-10,1293506	-0,026	0,317
CHR9	3972862	CHR9:3972862	SSF x Near_LoA	-9,34076553	-0,014	0,304
CHR9	3982673	CHR9:3982673	SSF x Near_LoA	-5,87998565	-0,109	0,315
CHR9	3982693	CHR9:3982693	SSF x Near_LoA	-4,93961349	0,009	0,301
CHR9	3982699	CHR9:3982699	SSF x Near_LoA	-10,4148563	0,023	0,307
CHR9	3982701	CHR9:3982701	SSF x Near_LoA	-9,40521524	0,029	0,302

CHR9	3982712	CHR9:3982712	SSF x Near_LoA	-9,51924255	0,000	0,306
CHR9	3982716	CHR9:3982716	SSF x Near_LoA	-9,23546405	0,103	0,300
CHR9	3982727	CHR9:3982727	SSF x Near_LoA	-2,87417366	0,105	0,310
CHR9	3984854	CHR9:3984854	SSF x Near_LoA	-9,72124824	-0,076	0,315
CHR9	3984855	CHR9:3984855	SSF x Near_LoA	-8,82042608	0,032	0,304
CHR9	3987324	CHR9:3987324	SSF x Near_LoA	-5,40545821	-0,039	0,312
CHR9	3991018	CHR9:3991018	SSF x Near_LoA	-2,99334946	-0,084	0,304
CHR9	3991102	CHR9:3991102	SSF x Near_LoA	-11,1971315	0,015	0,307
CHR9	3999064	CHR9:3999064	SSF x Near_LoA	-8,99956861	-0,150	0,298
CHR9	3999065	CHR9:3999065	SSF x Near_LoA	-3,22402676	-0,215	0,289
CHR9	4003276	CHR9:4003276	SSF x Near_LoA	-10,7749566	0,065	0,304
CHR9	4003306	CHR9:4003306	SSF x Near_LoA	-11,3542313	-0,050	0,315
CHR9	4003327	CHR9:4003327	SSF x Near_LoA	-11,0273097	0,017	0,312
CHR9	4003526	CHR9:4003526	SSF x Near_LoA	-10,246303	0,064	0,305
CHR9	4017451	CHR9:4017451	SSF x Near_LoA	-9,63237051	0,071	0,320
CHR9	4017503	CHR9:4017503	SSF x Near_LoA	-9,67684407	0,030	0,308
CHR9	4017569	CHR9:4017569	SSF x Near_LoA	-11,0289851	0,019	0,313
CHR9	4017613	CHR9:4017613	SSF x Near_LoA	-11,18274	0,022	0,307
CHR9	4017725	CHR9:4017725	SSF x Near_LoA	-9,73036858	-0,007	0,304
CHR9	4017731	CHR9:4017731	SSF x Near_LoA	-7,86297616	0,097	0,298
CHR9	4017804	CHR9:4017804	SSF x Near_LoA	-9,19388974	-0,003	0,319
CHR9	4022398	CHR9:4022398	SSF x Near_LoA	-8,04334512	-0,050	0,311
CHR9	4028566	CHR9:4028566	SSF x Near_LoA	-11,326754	-0,006	0,312
CHR9	4028677	CHR9:4028677	SSF x Near_LoA	-9,19786779	-0,071	0,322
CHR9	402871	CHR9:402871	SSF x Near_LoA	-10,1686269	-0,101	0,302
CHR9	403043	CHR9:403043	SSF x Near_LoA	-9,2117718	0,002	0,302
CHR9	4046159	CHR9:4046159	SSF x Near_LoA	-7,93841648	-0,097	0,315
CHR9	4046201	CHR9:4046201	SSF x Near_LoA	-8,88132204	-0,042	0,320
CHR9	405026	CHR9:405026	SSF x Near_LoA	-9,19057032	0,134	0,296
CHR9	405044	CHR9:405044	SSF x Near_LoA	-9,58433155	0,033	0,296
CHR9	4053474	CHR9:4053474	SSF x Near_LoA	-10,7821103	-0,078	0,309
CHR9	40616	CHR9:40616	SSF x Near_LoA	-10,5052473	0,048	0,297
CHR9	4062424	CHR9:4062424	SSF x Near_LoA	-9,20243436	0,001	0,327
CHR9	4062425	CHR9:4062425	SSF x Near_LoA	-11,0820045	0,018	0,308
CHR9	4062434	CHR9:4062434	SSF x Near_LoA	-10,4843018	-0,005	0,319
CHR9	406266	CHR9:406266	SSF x Near_LoA	-4,20363503	-0,028	0,316
CHR9	406267	CHR9:406267	SSF x Near_LoA	-9,47513686	-0,022	0,301
CHR9	4069660	CHR9:4069660	SSF x Near_LoA	-7,18246014	-0,133	0,307
CHR9	4069661	CHR9:4069661	SSF x Near_LoA	-8,5595471	0,016	0,310
CHR9	4069675	CHR9:4069675	SSF x Near_LoA	-11,5585042	-0,003	0,307
CHR9	4069683	CHR9:4069683	SSF x Near_LoA	-9,18143796	0,061	0,312
CHR9	4069700	CHR9:4069700	SSF x Near_LoA	-7,81425852	0,057	0,304
CHR9	4069723	CHR9:4069723	SSF x Near_LoA	-9,04178916	-0,069	0,303
CHR9	4073032	CHR9:4073032	SSF x Near_LoA	-10,0472101	0,077	0,312
CHR9	4076140	CHR9:4076140	SSF x Near_LoA	-9,57225808	-0,099	0,310
CHR9	4081523	CHR9:4081523	SSF x Near_LoA	-0,81690274	0,133	0,320
CHR9	4081550	CHR9:4081550	SSF x Near_LoA	-8,81914045	-0,074	0,300
CHR9	4081617	CHR9:4081617	SSF x Near_LoA	-8,9794343	0,124	0,298
CHR9	4081622	CHR9:4081622	SSF x Near_LoA	-8,62073014	0,021	0,319
CHR9	408186	CHR9:408186	SSF x Near_LoA	-9,75622475	-0,109	0,314
CHR9	408270	CHR9:408270	SSF x Near_LoA	-8,0092048	0,059	0,323
CHR9	40848	CHR9:40848	SSF x Near_LoA	-9,04013744	0,008	0,311
CHR9	4089428	CHR9:4089428	SSF x Near_LoA	-1,88734311	-0,072	0,312

CHR9	4089468	CHR9:4089468	SSF x Near_LoA	-9,04082845	-0,102	0,288
CHR9	4089474	CHR9:4089474	SSF x Near_LoA	-11,1921946	-0,023	0,309
CHR9	4089479	CHR9:4089479	SSF x Near_LoA	-9,73456244	-0,029	0,315
CHR9	409960	CHR9:409960	SSF x Near_LoA	-8,70604832	0,053	0,306
CHR9	4108131	CHR9:4108131	SSF x Near_LoA	-11,1245722	0,018	0,311
CHR9	4108321	CHR9:4108321	SSF x Near_LoA	-9,86562588	0,098	0,310
CHR9	4113123	CHR9:4113123	SSF x Near_LoA	-8,40266894	-0,008	0,296
CHR9	4113264	CHR9:4113264	SSF x Near_LoA	-11,9922443	-0,045	0,308
CHR9	4113309	CHR9:4113309	SSF x Near_LoA	-7,7824334	-0,106	0,292
CHR9	4120220	CHR9:4120220	SSF x Near_LoA	-9,83324632	0,067	0,312
CHR9	4120224	CHR9:4120224	SSF x Near_LoA	-11,1474118	0,055	0,298
CHR9	4120248	CHR9:4120248	SSF x Near_LoA	-9,41515438	-0,043	0,306
CHR9	4120268	CHR9:4120268	SSF x Near_LoA	-10,7823901	0,068	0,319
CHR9	4120281	CHR9:4120281	SSF x Near_LoA	-8,80808918	0,071	0,311
CHR9	4129865	CHR9:4129865	SSF x Near_LoA	-7,2764947	0,072	0,305
CHR9	4129867	CHR9:4129867	SSF x Near_LoA	-6,24581263	-0,075	0,312
CHR9	4130420	CHR9:4130420	SSF x Near_LoA	-8,41728253	-0,122	0,304
CHR9	4130471	CHR9:4130471	SSF x Near_LoA	-9,54251791	-0,029	0,324
CHR9	4130485	CHR9:4130485	SSF x Near_LoA	-11,1978219	0,081	0,301
CHR9	4130486	CHR9:4130486	SSF x Near_LoA	-9,4537736	0,026	0,319
CHR9	4130497	CHR9:4130497	SSF x Near_LoA	-10,4260267	-0,088	0,315
CHR9	413053	CHR9:413053	SSF x Near_LoA	-10,6296532	0,010	0,306
CHR9	4130536	CHR9:4130536	SSF x Near_LoA	-8,10862124	0,116	0,304
CHR9	413171	CHR9:413171	SSF x Near_LoA	-10,1397269	-0,040	0,317
CHR9	4155314	CHR9:4155314	SSF x Near_LoA	-10,6676081	-0,012	0,323
CHR9	4155323	CHR9:4155323	SSF x Near_LoA	-11,2307834	-0,024	0,303
CHR9	4155391	CHR9:4155391	SSF x Near_LoA	-11,1876694	0,072	0,320
CHR9	4156354	CHR9:4156354	SSF x Near_LoA	-10,5033466	-0,125	0,297
CHR9	4156545	CHR9:4156545	SSF x Near_LoA	-9,41520544	0,036	0,317
CHR9	4162369	CHR9:4162369	SSF x Near_LoA	-7,74623308	0,125	0,277
CHR9	417214	CHR9:417214	SSF x Near_LoA	-6,88416492	0,070	0,296
CHR9	4182226	CHR9:4182226	SSF x Near_LoA	-6,32676679	-0,008	0,303
CHR9	4183477	CHR9:4183477	SSF x Near_LoA	-8,0218378	0,146	0,297
CHR9	4183478	CHR9:4183478	SSF x Near_LoA	-11,2226197	-0,069	0,315
CHR9	4183481	CHR9:4183481	SSF x Near_LoA	-11,6140922	-0,034	0,312
CHR9	4189554	CHR9:4189554	SSF x Near_LoA	-5,76052124	0,026	0,313
CHR9	4189564	CHR9:4189564	SSF x Near_LoA	-11,7614386	0,017	0,320
CHR9	4189869	CHR9:4189869	SSF x Near_LoA	-12,3953551	-0,029	0,303
CHR9	4195853	CHR9:4195853	SSF x Near_LoA	-10,3100106	-0,027	0,307
CHR9	4200463	CHR9:4200463	SSF x Near_LoA	-10,7950323	0,009	0,306
CHR9	4203268	CHR9:4203268	SSF x Near_LoA	-9,43250913	0,102	0,285
CHR9	420568	CHR9:420568	SSF x Near_LoA	-6,57764516	0,031	0,311
CHR9	420577	CHR9:420577	SSF x Near_LoA	-11,4123834	-0,001	0,311
CHR9	420596	CHR9:420596	SSF x Near_LoA	-10,7823025	0,064	0,301
CHR9	420734	CHR9:420734	SSF x Near_LoA	-8,13664597	-0,059	0,309
CHR9	4207534	CHR9:4207534	SSF x Near_LoA	-7,88656448	-0,043	0,298
CHR9	4207565	CHR9:4207565	SSF x Near_LoA	-10,1873835	0,024	0,301
CHR9	4224148	CHR9:4224148	SSF x Near_LoA	-8,29487363	-0,112	0,330
CHR9	424040	CHR9:424040	SSF x Near_LoA	-6,2246104	0,193	0,301
CHR9	424119	CHR9:424119	SSF x Near_LoA	-10,1196416	0,009	0,303
CHR9	4247359	CHR9:4247359	SSF x Near_LoA	-4,50077631	-0,113	0,317
CHR9	4247499	CHR9:4247499	SSF x Near_LoA	-10,3313916	-0,007	0,306
CHR9	4247570	CHR9:4247570	SSF x Near_LoA	-11,0097414	0,020	0,299

CHR9	4254261	CHR9:4254261	SSF x Near_LoA	-9,98847696	0,025	0,313
CHR9	4254299	CHR9:4254299	SSF x Near_LoA	-8,63754352	-0,047	0,300
CHR9	4254301	CHR9:4254301	SSF x Near_LoA	-8,42766407	-0,058	0,314
CHR9	4254317	CHR9:4254317	SSF x Near_LoA	-11,2040574	-0,032	0,310
CHR9	4254338	CHR9:4254338	SSF x Near_LoA	-7,29347481	-0,036	0,311
CHR9	4255507	CHR9:4255507	SSF x Near_LoA	-9,65713704	0,054	0,319
CHR9	4255566	CHR9:4255566	SSF x Near_LoA	-8,36318782	0,063	0,315
CHR9	4255593	CHR9:4255593	SSF x Near_LoA	-8,32413642	0,045	0,302
CHR9	4256752	CHR9:4256752	SSF x Near_LoA	-7,87820419	0,059	0,309
CHR9	4256911	CHR9:4256911	SSF x Near_LoA	-11,4663204	0,008	0,307
CHR9	4259905	CHR9:4259905	SSF x Near_LoA	-9,03998546	-0,167	0,296
CHR9	4260118	CHR9:4260118	SSF x Near_LoA	-9,99338562	0,051	0,308
CHR9	4267373	CHR9:4267373	SSF x Near_LoA	-9,92866712	0,008	0,325
CHR9	4267459	CHR9:4267459	SSF x Near_LoA	-8,6248832	-0,045	0,308
CHR9	4267464	CHR9:4267464	SSF x Near_LoA	-10,8930654	-0,053	0,297
CHR9	4267469	CHR9:4267469	SSF x Near_LoA	-10,2339716	-0,083	0,313
CHR9	4267477	CHR9:4267477	SSF x Near_LoA	-9,80338893	-0,021	0,304
CHR9	4268960	CHR9:4268960	SSF x Near_LoA	-6,01918554	-0,134	0,314
CHR9	4273505	CHR9:4273505	SSF x Near_LoA	-1,53786584	0,099	0,304
CHR9	4275405	CHR9:4275405	SSF x Near_LoA	-6,09583792	-0,059	0,317
CHR9	4276902	CHR9:4276902	SSF x Near_LoA	-9,45719244	-0,013	0,301
CHR9	4277582	CHR9:4277582	SSF x Near_LoA	-10,3640943	-0,021	0,313
CHR9	4277609	CHR9:4277609	SSF x Near_LoA	-8,0035245	0,107	0,303
CHR9	4277636	CHR9:4277636	SSF x Near_LoA	-11,1452893	0,000	0,305
CHR9	4280038	CHR9:4280038	SSF x Near_LoA	-10,9856469	0,007	0,309
CHR9	4289055	CHR9:4289055	SSF x Near_LoA	-9,71566877	0,012	0,318
CHR9	4290540	CHR9:4290540	SSF x Near_LoA	-10,6085283	0,055	0,315
CHR9	4290612	CHR9:4290612	SSF x Near_LoA	-7,74336378	0,009	0,305
CHR9	4290652	CHR9:4290652	SSF x Near_LoA	-8,67044295	-0,051	0,321
CHR9	4291560	CHR9:4291560	SSF x Near_LoA	-9,67042155	-0,046	0,300
CHR9	4291607	CHR9:4291607	SSF x Near_LoA	-10,3967728	-0,021	0,307
CHR9	4296575	CHR9:4296575	SSF x Near_LoA	-9,27778538	0,026	0,320
CHR9	4298604	CHR9:4298604	SSF x Near_LoA	-9,31620148	0,030	0,309
CHR9	4300813	CHR9:4300813	SSF x Near_LoA	-9,37286505	-0,067	0,312
CHR9	4300890	CHR9:4300890	SSF x Near_LoA	-11,7216557	-0,029	0,297
CHR9	4300935	CHR9:4300935	SSF x Near_LoA	-9,09694224	0,015	0,314
CHR9	4301827	CHR9:4301827	SSF x Near_LoA	-12,3898087	0,026	0,299
CHR9	4303576	CHR9:4303576	SSF x Near_LoA	-9,44575157	0,056	0,293
CHR9	4306752	CHR9:4306752	SSF x Near_LoA	-6,91280078	-0,089	0,302
CHR9	4309115	CHR9:4309115	SSF x Near_LoA	-10,8799235	0,038	0,307
CHR9	4309210	CHR9:4309210	SSF x Near_LoA	-9,82198216	-0,072	0,309
CHR9	4309281	CHR9:4309281	SSF x Near_LoA	-8,12008056	0,107	0,312
CHR9	4309298	CHR9:4309298	SSF x Near_LoA	-8,67002246	0,063	0,304
CHR9	4312004	CHR9:4312004	SSF x Near_LoA	-8,96750641	-0,106	0,316
CHR9	4312527	CHR9:4312527	SSF x Near_LoA	-2,24448294	-0,123	0,312
CHR9	4312533	CHR9:4312533	SSF x Near_LoA	-7,83402427	0,096	0,313
CHR9	4312539	CHR9:4312539	SSF x Near_LoA	-6,77517228	0,187	0,307
CHR9	4312634	CHR9:4312634	SSF x Near_LoA	-7,78873025	-0,144	0,303
CHR9	4315946	CHR9:4315946	SSF x Near_LoA	-9,72335465	0,032	0,313
CHR9	4319663	CHR9:4319663	SSF x Near_LoA	-8,57380142	-0,116	0,298
CHR9	4322052	CHR9:4322052	SSF x Near_LoA	-8,38410083	-0,022	0,300
CHR9	4323086	CHR9:4323086	SSF x Near_LoA	-9,08873933	-0,031	0,300
CHR9	4328669	CHR9:4328669	SSF x Near_LoA	-3,25415893	-0,084	0,312

CHR9	4328670	CHR9:4328670	SSF x Near_LoA	-7,20514643	-0,077	0,303
CHR9	4328671	CHR9:4328671	SSF x Near_LoA	-10,1185538	0,015	0,306
CHR9	4328672	CHR9:4328672	SSF x Near_LoA	-9,88080366	-0,072	0,313
CHR9	4328674	CHR9:4328674	SSF x Near_LoA	-8,12664423	-0,068	0,324
CHR9	4328716	CHR9:4328716	SSF x Near_LoA	-9,58015632	-0,030	0,319
CHR9	4328815	CHR9:4328815	SSF x Near_LoA	-8,56795094	-0,038	0,309
CHR9	4328821	CHR9:4328821	SSF x Near_LoA	-9,29391424	-0,039	0,307
CHR9	4329580	CHR9:4329580	SSF x Near_LoA	-11,7726063	0,041	0,291
CHR9	4329780	CHR9:4329780	SSF x Near_LoA	-8,91202446	0,014	0,317
CHR9	4330385	CHR9:4330385	SSF x Near_LoA	-10,8841293	0,013	0,304
CHR9	4334189	CHR9:4334189	SSF x Near_LoA	-8,99919679	0,039	0,309
CHR9	4334265	CHR9:4334265	SSF x Near_LoA	-12,1286089	-0,045	0,312
CHR9	4334277	CHR9:4334277	SSF x Near_LoA	-9,70317651	-0,012	0,308
CHR9	4334282	CHR9:4334282	SSF x Near_LoA	-10,2346274	0,044	0,317
CHR9	4335706	CHR9:4335706	SSF x Near_LoA	-10,6219969	0,147	0,306
CHR9	4335793	CHR9:4335793	SSF x Near_LoA	-9,45843801	0,140	0,305
CHR9	4336753	CHR9:4336753	SSF x Near_LoA	-9,07766941	-0,044	0,305
CHR9	4337940	CHR9:4337940	SSF x Near_LoA	-9,6659409	0,037	0,308
CHR9	4337961	CHR9:4337961	SSF x Near_LoA	-10,1391962	-0,033	0,313
CHR9	4338071	CHR9:4338071	SSF x Near_LoA	-7,9290801	0,011	0,304
CHR9	4338073	CHR9:4338073	SSF x Near_LoA	-7,88240629	-0,021	0,314
CHR9	4338094	CHR9:4338094	SSF x Near_LoA	-9,11835535	0,010	0,306
CHR9	4338098	CHR9:4338098	SSF x Near_LoA	-8,99525937	0,001	0,296
CHR9	4338103	CHR9:4338103	SSF x Near_LoA	-9,03932656	0,013	0,299
CHR9	4339465	CHR9:4339465	SSF x Near_LoA	-5,32941828	-0,152	0,295
CHR9	4340125	CHR9:4340125	SSF x Near_LoA	-9,4845558	-0,048	0,307
CHR9	4342493	CHR9:4342493	SSF x Near_LoA	-7,92623188	-0,006	0,316
CHR9	4344154	CHR9:4344154	SSF x Near_LoA	-8,59977412	-0,105	0,304
CHR9	4346943	CHR9:4346943	SSF x Near_LoA	-4,19561002	-0,053	0,310
CHR9	4347019	CHR9:4347019	SSF x Near_LoA	-10,6446488	-0,079	0,308
CHR9	4347141	CHR9:4347141	SSF x Near_LoA	-9,70855814	-0,061	0,303
CHR9	4351803	CHR9:4351803	SSF x Near_LoA	-6,98861879	-0,025	0,320
CHR9	4351978	CHR9:4351978	SSF x Near_LoA	-8,8226207	-0,002	0,312
CHR9	4360054	CHR9:4360054	SSF x Near_LoA	-8,89743313	0,047	0,318
CHR9	4360055	CHR9:4360055	SSF x Near_LoA	-8,56772712	0,038	0,313
CHR9	4360133	CHR9:4360133	SSF x Near_LoA	-9,26127391	0,069	0,308
CHR9	4362056	CHR9:4362056	SSF x Near_LoA	-9,27838435	0,043	0,305
CHR9	4362265	CHR9:4362265	SSF x Near_LoA	-8,03421387	-0,073	0,300
CHR9	4367119	CHR9:4367119	SSF x Near_LoA	-10,8371909	-0,015	0,303
CHR9	4367354	CHR9:4367354	SSF x Near_LoA	-9,11332058	0,013	0,315
CHR9	4367371	CHR9:4367371	SSF x Near_LoA	-9,62452275	0,025	0,298
CHR9	4370859	CHR9:4370859	SSF x Near_LoA	-10,0030548	-0,072	0,301
CHR9	4399915	CHR9:4399915	SSF x Near_LoA	-4,90069788	-0,151	0,305
CHR9	4406532	CHR9:4406532	SSF x Near_LoA	-2,03684385	-0,129	0,294
CHR9	4416187	CHR9:4416187	SSF x Near_LoA	-9,65649881	-0,006	0,312
CHR9	4416343	CHR9:4416343	SSF x Near_LoA	-3,15346235	0,200	0,296
CHR9	4425166	CHR9:4425166	SSF x Near_LoA	-12,1231694	-0,003	0,314
CHR9	4425183	CHR9:4425183	SSF x Near_LoA	-3,35201289	-0,104	0,302
CHR9	4425192	CHR9:4425192	SSF x Near_LoA	-8,61654998	-0,150	0,303
CHR9	4425242	CHR9:4425242	SSF x Near_LoA	-4,43113446	0,061	0,306
CHR9	4425286	CHR9:4425286	SSF x Near_LoA	-9,85017001	-0,035	0,306
CHR9	4426677	CHR9:4426677	SSF x Near_LoA	-8,41341305	0,017	0,310
CHR9	4426683	CHR9:4426683	SSF x Near_LoA	-5,19936893	0,038	0,325

CHR9	4435777	CHR9:4435777	SSF x Near_LoA	-7,92288276	0,001	0,303
CHR9	4435798	CHR9:4435798	SSF x Near_LoA	-12,0730259	-0,083	0,299
CHR9	4435837	CHR9:4435837	SSF x Near_LoA	-10,5208968	0,067	0,312
CHR9	4435845	CHR9:4435845	SSF x Near_LoA	-10,6505362	0,093	0,299
CHR9	4435884	CHR9:4435884	SSF x Near_LoA	-11,7407827	-0,019	0,316
CHR9	4435886	CHR9:4435886	SSF x Near_LoA	-8,80432438	-0,112	0,308
CHR9	4435901	CHR9:4435901	SSF x Near_LoA	-9,02989459	0,016	0,303
CHR9	4435912	CHR9:4435912	SSF x Near_LoA	-10,7038986	0,027	0,312
CHR9	4436971	CHR9:4436971	SSF x Near_LoA	-6,22282261	-0,029	0,300
CHR9	4443645	CHR9:4443645	SSF x Near_LoA	-8,81443771	0,053	0,309
CHR9	4444913	CHR9:4444913	SSF x Near_LoA	-8,7462925	-0,009	0,308
CHR9	4444964	CHR9:4444964	SSF x Near_LoA	-9,99298456	0,109	0,282
CHR9	4445017	CHR9:4445017	SSF x Near_LoA	-10,279111	-0,002	0,305
CHR9	4445045	CHR9:4445045	SSF x Near_LoA	-9,24520124	0,044	0,315
CHR9	4446776	CHR9:4446776	SSF x Near_LoA	-11,4963826	-0,051	0,318
CHR9	4446778	CHR9:4446778	SSF x Near_LoA	-9,36640377	0,106	0,293
CHR9	4446839	CHR9:4446839	SSF x Near_LoA	-9,38604673	-0,020	0,310
CHR9	4461002	CHR9:4461002	SSF x Near_LoA	-8,15073156	0,080	0,305
CHR9	4461035	CHR9:4461035	SSF x Near_LoA	-10,3336244	-0,009	0,312
CHR9	4461065	CHR9:4461065	SSF x Near_LoA	-9,28553135	-0,022	0,313
CHR9	4461091	CHR9:4461091	SSF x Near_LoA	-8,25079115	-0,105	0,291
CHR9	4475038	CHR9:4475038	SSF x Near_LoA	-8,83167394	-0,050	0,311
CHR9	4478188	CHR9:4478188	SSF x Near_LoA	-8,5948642	0,116	0,300
CHR9	4478195	CHR9:4478195	SSF x Near_LoA	-7,20957028	0,101	0,301
CHR9	4478225	CHR9:4478225	SSF x Near_LoA	-9,18862809	-0,025	0,301
CHR9	4478234	CHR9:4478234	SSF x Near_LoA	-7,95443851	0,011	0,323
CHR9	4478295	CHR9:4478295	SSF x Near_LoA	-5,69953504	-0,192	0,278
CHR9	448205	CHR9:448205	SSF x Near_LoA	-4,02748141	0,146	0,307
CHR9	4485309	CHR9:4485309	SSF x Near_LoA	-11,0000448	0,035	0,301
CHR9	4485443	CHR9:4485443	SSF x Near_LoA	-10,7727931	0,020	0,316
CHR9	4485483	CHR9:4485483	SSF x Near_LoA	-10,09628	-0,052	0,304
CHR9	4491372	CHR9:4491372	SSF x Near_LoA	-4,98724603	-0,147	0,302
CHR9	4491424	CHR9:4491424	SSF x Near_LoA	-10,306136	0,023	0,303
CHR9	4491454	CHR9:4491454	SSF x Near_LoA	-10,1682026	0,076	0,298
CHR9	4504340	CHR9:4504340	SSF x Near_LoA	-9,95604059	0,008	0,314
CHR9	4504490	CHR9:4504490	SSF x Near_LoA	-5,32397864	-0,015	0,321
CHR9	4504517	CHR9:4504517	SSF x Near_LoA	-7,79395866	-0,006	0,309
CHR9	451432	CHR9:451432	SSF x Near_LoA	-10,482958	-0,059	0,299
CHR9	4536654	CHR9:4536654	SSF x Near_LoA	-10,9851913	-0,093	0,304
CHR9	4536676	CHR9:4536676	SSF x Near_LoA	-8,31595866	-0,132	0,303
CHR9	4536685	CHR9:4536685	SSF x Near_LoA	-9,49796063	-0,103	0,300
CHR9	4536689	CHR9:4536689	SSF x Near_LoA	-10,3339521	-0,010	0,302
CHR9	4536909	CHR9:4536909	SSF x Near_LoA	-11,4877541	0,023	0,301
CHR9	4557918	CHR9:4557918	SSF x Near_LoA	-9,39947751	0,092	0,307
CHR9	4581873	CHR9:4581873	SSF x Near_LoA	-9,75169058	-0,051	0,308
CHR9	4581930	CHR9:4581930	SSF x Near_LoA	-8,692858	-0,049	0,308
CHR9	4587632	CHR9:4587632	SSF x Near_LoA	-8,10098519	-0,047	0,320
CHR9	4587702	CHR9:4587702	SSF x Near_LoA	-6,88486926	0,070	0,308
CHR9	4587775	CHR9:4587775	SSF x Near_LoA	-6,95444044	-0,008	0,317
CHR9	4587796	CHR9:4587796	SSF x Near_LoA	-8,88637981	-0,014	0,314
CHR9	459303	CHR9:459303	SSF x Near_LoA	-7,98028553	-0,028	0,321
CHR9	459482	CHR9:459482	SSF x Near_LoA	-9,49606039	-0,047	0,308
CHR9	4598106	CHR9:4598106	SSF x Near_LoA	-4,1496725	-0,207	0,290

CHR9	4598136	CHR9:4598136	SSF x Near_LoA	-11,1232178	-0,034	0,306
CHR9	4598189	CHR9:4598189	SSF x Near_LoA	-10,0158173	-0,031	0,302
CHR9	4598300	CHR9:4598300	SSF x Near_LoA	-6,26074569	0,084	0,300
CHR9	4598352	CHR9:4598352	SSF x Near_LoA	-10,5358405	-0,031	0,312
CHR9	4605478	CHR9:4605478	SSF x Near_LoA	-6,89180187	-0,027	0,317
CHR9	4607225	CHR9:4607225	SSF x Near_LoA	-9,19675544	0,131	0,303
CHR9	4607326	CHR9:4607326	SSF x Near_LoA	-9,25037909	-0,063	0,317
CHR9	460878	CHR9:460878	SSF x Near_LoA	-8,94549565	-0,047	0,309
CHR9	4610551	CHR9:4610551	SSF x Near_LoA	-8,36160871	0,116	0,301
CHR9	4612963	CHR9:4612963	SSF x Near_LoA	-9,89977758	0,084	0,310
CHR9	4612995	CHR9:4612995	SSF x Near_LoA	-10,0291391	0,032	0,312
CHR9	4613117	CHR9:4613117	SSF x Near_LoA	-11,5657871	0,040	0,304
CHR9	4613126	CHR9:4613126	SSF x Near_LoA	0,49154673	-0,058	0,299
CHR9	4613257	CHR9:4613257	SSF x Near_LoA	-10,1974731	-0,102	0,305
CHR9	4613275	CHR9:4613275	SSF x Near_LoA	-9,61349056	-0,057	0,307
CHR9	4619866	CHR9:4619866	SSF x Near_LoA	-9,68831039	-0,021	0,305
CHR9	4619956	CHR9:4619956	SSF x Near_LoA	-8,79511811	-0,011	0,303
CHR9	4620086	CHR9:4620086	SSF x Near_LoA	-10,8753963	-0,072	0,304
CHR9	4621740	CHR9:4621740	SSF x Near_LoA	-9,02980759	-0,153	0,292
CHR9	4621778	CHR9:4621778	SSF x Near_LoA	-7,00547828	-0,057	0,316
CHR9	4621852	CHR9:4621852	SSF x Near_LoA	-9,94633599	-0,069	0,308
CHR9	4621964	CHR9:4621964	SSF x Near_LoA	-8,85867387	0,063	0,308
CHR9	4624931	CHR9:4624931	SSF x Near_LoA	-10,7548643	-0,032	0,312
CHR9	4624991	CHR9:4624991	SSF x Near_LoA	-10,8028172	-0,065	0,315
CHR9	4625757	CHR9:4625757	SSF x Near_LoA	-10,888457	0,057	0,297
CHR9	4627681	CHR9:4627681	SSF x Near_LoA	-10,5858227	-0,009	0,326
CHR9	4638821	CHR9:4638821	SSF x Near_LoA	-10,9874392	0,020	0,320
CHR9	4641192	CHR9:4641192	SSF x Near_LoA	-8,33628806	-0,056	0,319
CHR9	4651686	CHR9:4651686	SSF x Near_LoA	-10,0456749	0,016	0,318
CHR9	4651728	CHR9:4651728	SSF x Near_LoA	-9,07865902	0,088	0,292
CHR9	4651740	CHR9:4651740	SSF x Near_LoA	-9,7624138	-0,012	0,310
CHR9	4655686	CHR9:4655686	SSF x Near_LoA	-9,15702738	0,044	0,319
CHR9	4655687	CHR9:4655687	SSF x Near_LoA	-5,60755598	0,041	0,312
CHR9	4655828	CHR9:4655828	SSF x Near_LoA	-8,21177571	-0,100	0,311
CHR9	4659380	CHR9:4659380	SSF x Near_LoA	-11,3337588	-0,046	0,296
CHR9	4659426	CHR9:4659426	SSF x Near_LoA	-11,4251112	-0,006	0,313
CHR9	4665102	CHR9:4665102	SSF x Near_LoA	-8,47629086	0,005	0,312
CHR9	4666062	CHR9:4666062	SSF x Near_LoA	-10,8193781	-0,021	0,318
CHR9	467607	CHR9:467607	SSF x Near_LoA	-9,44776948	-0,080	0,302
CHR9	467768	CHR9:467768	SSF x Near_LoA	-10,0934346	-0,086	0,311
CHR9	4681087	CHR9:4681087	SSF x Near_LoA	-4,92924706	0,101	0,301
CHR9	4681090	CHR9:4681090	SSF x Near_LoA	-9,96732327	0,048	0,294
CHR9	4681093	CHR9:4681093	SSF x Near_LoA	-10,1249409	0,195	0,289
CHR9	4681107	CHR9:4681107	SSF x Near_LoA	-10,3832136	0,132	0,310
CHR9	4681133	CHR9:4681133	SSF x Near_LoA	-9,6997476	-0,067	0,310
CHR9	4686598	CHR9:4686598	SSF x Near_LoA	-9,93282545	-0,006	0,305
CHR9	4686686	CHR9:4686686	SSF x Near_LoA	-6,76392598	0,136	0,300
CHR9	4686718	CHR9:4686718	SSF x Near_LoA	-10,2700511	-0,011	0,316
CHR9	4687876	CHR9:4687876	SSF x Near_LoA	-8,55338025	-0,054	0,308
CHR9	4702861	CHR9:4702861	SSF x Near_LoA	-9,27226226	0,040	0,299
CHR9	4703274	CHR9:4703274	SSF x Near_LoA	-9,82186082	0,019	0,303
CHR9	4704604	CHR9:4704604	SSF x Near_LoA	-9,24539954	-0,019	0,305
CHR9	4704888	CHR9:4704888	SSF x Near_LoA	-10,7358141	0,025	0,307

CHR9	4708443	CHR9:4708443	SSF x Near_LoA	-10,0734466	-0,073	0,304
CHR9	4708446	CHR9:4708446	SSF x Near_LoA	-10,02932	-0,077	0,304
CHR9	4708454	CHR9:4708454	SSF x Near_LoA	-8,81344855	0,031	0,321
CHR9	4713785	CHR9:4713785	SSF x Near_LoA	-9,79404073	0,035	0,307
CHR9	4713793	CHR9:4713793	SSF x Near_LoA	-4,6469424	0,098	0,302
CHR9	4717623	CHR9:4717623	SSF x Near_LoA	-4,99529504	-0,112	0,312
CHR9	4717713	CHR9:4717713	SSF x Near_LoA	-6,77536974	-0,094	0,310
CHR9	4717745	CHR9:4717745	SSF x Near_LoA	-8,41378879	-0,079	0,320
CHR9	4722889	CHR9:4722889	SSF x Near_LoA	-7,52291503	0,052	0,304
CHR9	4723062	CHR9:4723062	SSF x Near_LoA	-7,87974626	-0,122	0,308
CHR9	4723086	CHR9:4723086	SSF x Near_LoA	-8,51538101	0,106	0,315
CHR9	4723094	CHR9:4723094	SSF x Near_LoA	-8,72821759	0,109	0,303
CHR9	4736450	CHR9:4736450	SSF x Near_LoA	-10,0298005	0,052	0,316
CHR9	474407	CHR9:474407	SSF x Near_LoA	-0,549639	-0,044	0,303
CHR9	4760447	CHR9:4760447	SSF x Near_LoA	-6,11817231	0,076	0,325
CHR9	4760454	CHR9:4760454	SSF x Near_LoA	-11,8179642	-0,026	0,310
CHR9	4760499	CHR9:4760499	SSF x Near_LoA	-9,77798776	0,034	0,298
CHR9	4760566	CHR9:4760566	SSF x Near_LoA	-8,73848156	0,031	0,313
CHR9	4760599	CHR9:4760599	SSF x Near_LoA	-11,5973079	-0,031	0,307
CHR9	4763204	CHR9:4763204	SSF x Near_LoA	-8,77381103	0,123	0,304
CHR9	4763293	CHR9:4763293	SSF x Near_LoA	-10,8784703	-0,041	0,320
CHR9	4763408	CHR9:4763408	SSF x Near_LoA	-11,4331028	0,117	0,303
CHR9	4767542	CHR9:4767542	SSF x Near_LoA	-10,5851582	-0,085	0,311
CHR9	4767547	CHR9:4767547	SSF x Near_LoA	-7,88892503	0,065	0,315
CHR9	477580	CHR9:477580	SSF x Near_LoA	-10,2643909	-0,078	0,306
CHR9	477666	CHR9:477666	SSF x Near_LoA	-8,41326468	0,028	0,308
CHR9	4776907	CHR9:4776907	SSF x Near_LoA	-3,35175348	0,052	0,312
CHR9	4776923	CHR9:4776923	SSF x Near_LoA	-8,76385859	-0,044	0,307
CHR9	4776969	CHR9:4776969	SSF x Near_LoA	-8,43650427	0,001	0,314
CHR9	4776978	CHR9:4776978	SSF x Near_LoA	-10,7763294	0,006	0,311
CHR9	4776983	CHR9:4776983	SSF x Near_LoA	-8,62106716	0,013	0,310
CHR9	4776989	CHR9:4776989	SSF x Near_LoA	-10,3605275	0,037	0,310
CHR9	4777015	CHR9:4777015	SSF x Near_LoA	-10,740172	0,000	0,319
CHR9	4777037	CHR9:4777037	SSF x Near_LoA	-9,69312099	0,121	0,305
CHR9	4777038	CHR9:4777038	SSF x Near_LoA	-6,30833722	0,090	0,310
CHR9	4781413	CHR9:4781413	SSF x Near_LoA	-1,71968616	-0,086	0,312
CHR9	4781656	CHR9:4781656	SSF x Near_LoA	-10,4584074	0,064	0,304
CHR9	4781722	CHR9:4781722	SSF x Near_LoA	-9,06347258	0,010	0,315
CHR9	4781817	CHR9:4781817	SSF x Near_LoA	-8,80547473	0,050	0,300
CHR9	4791266	CHR9:4791266	SSF x Near_LoA	-9,32922057	-0,076	0,314
CHR9	4791297	CHR9:4791297	SSF x Near_LoA	-9,72249857	0,042	0,301
CHR9	4791298	CHR9:4791298	SSF x Near_LoA	-7,91878158	0,036	0,320
CHR9	4791300	CHR9:4791300	SSF x Near_LoA	-10,4448214	-0,006	0,313
CHR9	4791526	CHR9:4791526	SSF x Near_LoA	-9,47732614	-0,030	0,297
CHR9	4791593	CHR9:4791593	SSF x Near_LoA	-10,0253358	-0,071	0,328
CHR9	4794732	CHR9:4794732	SSF x Near_LoA	-6,86000753	0,168	0,300
CHR9	4794772	CHR9:4794772	SSF x Near_LoA	-9,78575238	0,166	0,299
CHR9	4794778	CHR9:4794778	SSF x Near_LoA	-7,48367081	0,171	0,300
CHR9	4794836	CHR9:4794836	SSF x Near_LoA	-11,3376437	0,124	0,290
CHR9	4795616	CHR9:4795616	SSF x Near_LoA	-8,51701028	-0,100	0,305
CHR9	4795621	CHR9:4795621	SSF x Near_LoA	-11,3815259	0,013	0,305
CHR9	4795663	CHR9:4795663	SSF x Near_LoA	-9,37945978	-0,105	0,311
CHR9	4799417	CHR9:4799417	SSF x Near_LoA	-9,25207976	-0,099	0,305

CHR9	4799430	CHR9:4799430	SSF x Near_LoA	-7,97948203	-0,086	0,314
CHR9	4799472	CHR9:4799472	SSF x Near_LoA	-10,8005762	-0,050	0,317
CHR9	4807431	CHR9:4807431	SSF x Near_LoA	-11,6268966	-0,001	0,300
CHR9	4807506	CHR9:4807506	SSF x Near_LoA	-9,16564434	-0,060	0,302
CHR9	4814232	CHR9:4814232	SSF x Near_LoA	-10,4630956	-0,033	0,292
CHR9	4814283	CHR9:4814283	SSF x Near_LoA	-11,222977	0,059	0,296
CHR9	4814285	CHR9:4814285	SSF x Near_LoA	-9,19414453	0,086	0,309
CHR9	4814401	CHR9:4814401	SSF x Near_LoA	-7,92229556	-0,115	0,310
CHR9	4814419	CHR9:4814419	SSF x Near_LoA	-7,50884463	-0,154	0,311
CHR9	4817417	CHR9:4817417	SSF x Near_LoA	-7,15149169	0,038	0,324
CHR9	4823428	CHR9:4823428	SSF x Near_LoA	-10,3901505	0,076	0,303
CHR9	482662	CHR9:482662	SSF x Near_LoA	-9,9846837	0,012	0,320
CHR9	482674	CHR9:482674	SSF x Near_LoA	-8,38634479	0,001	0,321
CHR9	4827554	CHR9:4827554	SSF x Near_LoA	-11,2460759	0,050	0,313
CHR9	4827574	CHR9:4827574	SSF x Near_LoA	-7,99653271	0,040	0,318
CHR9	4827576	CHR9:4827576	SSF x Near_LoA	-8,72323327	0,130	0,299
CHR9	4832425	CHR9:4832425	SSF x Near_LoA	-11,6893485	-0,013	0,316
CHR9	483303	CHR9:483303	SSF x Near_LoA	-7,35516871	-0,155	0,298
CHR9	4844466	CHR9:4844466	SSF x Near_LoA	-7,87229489	-0,052	0,299
CHR9	4844677	CHR9:4844677	SSF x Near_LoA	-9,73576249	0,060	0,309
CHR9	4844691	CHR9:4844691	SSF x Near_LoA	-5,17057397	0,018	0,317
CHR9	4853745	CHR9:4853745	SSF x Near_LoA	-8,0662545	0,048	0,313
CHR9	4853824	CHR9:4853824	SSF x Near_LoA	-8,28750295	0,032	0,303
CHR9	4853825	CHR9:4853825	SSF x Near_LoA	-9,51455453	0,071	0,285
CHR9	4853856	CHR9:4853856	SSF x Near_LoA	-8,98007051	0,064	0,305
CHR9	4855720	CHR9:4855720	SSF x Near_LoA	-7,50067527	0,039	0,301
CHR9	4857682	CHR9:4857682	SSF x Near_LoA	-7,31537077	0,111	0,300
CHR9	4857687	CHR9:4857687	SSF x Near_LoA	-8,67298334	0,137	0,298
CHR9	4857734	CHR9:4857734	SSF x Near_LoA	-11,1471826	0,135	0,298
CHR9	4864855	CHR9:4864855	SSF x Near_LoA	-11,5863021	-0,042	0,300
CHR9	4869550	CHR9:4869550	SSF x Near_LoA	-8,98675313	0,042	0,305
CHR9	4869577	CHR9:4869577	SSF x Near_LoA	-8,13701221	-0,028	0,302
CHR9	4869591	CHR9:4869591	SSF x Near_LoA	-6,04491257	-0,053	0,301
CHR9	4870813	CHR9:4870813	SSF x Near_LoA	-11,2375499	0,074	0,305
CHR9	4876647	CHR9:4876647	SSF x Near_LoA	-12,100605	0,019	0,313
CHR9	4876654	CHR9:4876654	SSF x Near_LoA	-10,0995084	-0,040	0,292
CHR9	4876666	CHR9:4876666	SSF x Near_LoA	-11,1412736	0,100	0,302
CHR9	4876710	CHR9:4876710	SSF x Near_LoA	-9,60907426	-0,075	0,290
CHR9	4876724	CHR9:4876724	SSF x Near_LoA	-9,89350102	0,045	0,296
CHR9	4876747	CHR9:4876747	SSF x Near_LoA	-8,16786167	-0,091	0,301
CHR9	4879467	CHR9:4879467	SSF x Near_LoA	-11,2076723	0,065	0,302
CHR9	4881482	CHR9:4881482	SSF x Near_LoA	-9,88019706	-0,011	0,305
CHR9	4881533	CHR9:4881533	SSF x Near_LoA	-10,3546283	-0,020	0,303
CHR9	4881536	CHR9:4881536	SSF x Near_LoA	-10,0560084	0,086	0,295
CHR9	4891412	CHR9:4891412	SSF x Near_LoA	-8,11803481	-0,128	0,301
CHR9	4891592	CHR9:4891592	SSF x Near_LoA	-7,74772098	-0,088	0,309
CHR9	4892878	CHR9:4892878	SSF x Near_LoA	-9,25382336	0,073	0,324
CHR9	4896177	CHR9:4896177	SSF x Near_LoA	-9,44548186	0,087	0,306
CHR9	4896197	CHR9:4896197	SSF x Near_LoA	-10,6425767	-0,077	0,305
CHR9	4896214	CHR9:4896214	SSF x Near_LoA	-7,70685283	0,074	0,302
CHR9	4896222	CHR9:4896222	SSF x Near_LoA	-8,32975461	0,079	0,302
CHR9	4896255	CHR9:4896255	SSF x Near_LoA	-5,37353478	-0,169	0,292
CHR9	4896320	CHR9:4896320	SSF x Near_LoA	-9,18080628	-0,090	0,304

CHR9	4896347	CHR9:4896347	SSF x Near_LoA	-12,3930286	-0,007	0,296
CHR9	4896351	CHR9:4896351	SSF x Near_LoA	-9,97750518	-0,006	0,312
CHR9	4898861	CHR9:4898861	SSF x Near_LoA	-10,9108568	0,060	0,304
CHR9	4898955	CHR9:4898955	SSF x Near_LoA	-9,63078525	-0,047	0,311
CHR9	4899012	CHR9:4899012	SSF x Near_LoA	-8,60080531	0,074	0,310
CHR9	4905478	CHR9:4905478	SSF x Near_LoA	-11,5834211	0,032	0,301
CHR9	4905479	CHR9:4905479	SSF x Near_LoA	-7,49623632	-0,045	0,312
CHR9	4905503	CHR9:4905503	SSF x Near_LoA	-8,99325508	0,048	0,312
CHR9	4905532	CHR9:4905532	SSF x Near_LoA	-10,1434959	-0,021	0,313
CHR9	4905606	CHR9:4905606	SSF x Near_LoA	-7,0749221	-0,044	0,314
CHR9	4905626	CHR9:4905626	SSF x Near_LoA	-7,37244591	-0,085	0,318
CHR9	4905677	CHR9:4905677	SSF x Near_LoA	-10,5854637	0,004	0,304
CHR9	4905679	CHR9:4905679	SSF x Near_LoA	-9,83806278	0,029	0,303
CHR9	4905695	CHR9:4905695	SSF x Near_LoA	-8,95368103	0,045	0,320
CHR9	4908396	CHR9:4908396	SSF x Near_LoA	-5,23910815	-0,044	0,305
CHR9	4908402	CHR9:4908402	SSF x Near_LoA	-4,97390445	0,051	0,317
CHR9	4908422	CHR9:4908422	SSF x Near_LoA	-7,94199175	0,043	0,293
CHR9	4908441	CHR9:4908441	SSF x Near_LoA	-10,1162759	-0,005	0,308
CHR9	4908519	CHR9:4908519	SSF x Near_LoA	16,6466356	0,114	0,307
CHR9	4909184	CHR9:4909184	SSF x Near_LoA	-8,67440536	0,017	0,324
CHR9	4909193	CHR9:4909193	SSF x Near_LoA	-8,52865223	-0,008	0,323
CHR9	4909209	CHR9:4909209	SSF x Near_LoA	-12,023603	-0,060	0,282
CHR9	4909228	CHR9:4909228	SSF x Near_LoA	-9,3178591	-0,019	0,310
CHR9	4909275	CHR9:4909275	SSF x Near_LoA	-9,08740046	0,059	0,312
CHR9	4909281	CHR9:4909281	SSF x Near_LoA	-10,5207828	0,038	0,309
CHR9	4910742	CHR9:4910742	SSF x Near_LoA	-11,0959451	-0,059	0,319
CHR9	4912117	CHR9:4912117	SSF x Near_LoA	-5,64369301	-0,097	0,316
CHR9	4912162	CHR9:4912162	SSF x Near_LoA	-10,9583132	-0,090	0,305
CHR9	4913840	CHR9:4913840	SSF x Near_LoA	-8,95505011	0,121	0,301
CHR9	491797	CHR9:491797	SSF x Near_LoA	-7,7953636	0,104	0,311
CHR9	4918571	CHR9:4918571	SSF x Near_LoA	-8,13019481	0,027	0,319
CHR9	4918637	CHR9:4918637	SSF x Near_LoA	-8,09431894	-0,048	0,319
CHR9	4923843	CHR9:4923843	SSF x Near_LoA	-7,05293656	-0,030	0,321
CHR9	4933836	CHR9:4933836	SSF x Near_LoA	-8,69288977	-0,005	0,326
CHR9	4934483	CHR9:4934483	SSF x Near_LoA	-10,4300579	-0,023	0,312
CHR9	4942267	CHR9:4942267	SSF x Near_LoA	-9,68704916	-0,124	0,302
CHR9	4942416	CHR9:4942416	SSF x Near_LoA	-8,59857104	0,064	0,314
CHR9	4942493	CHR9:4942493	SSF x Near_LoA	-8,24293845	-0,124	0,318
CHR9	4942494	CHR9:4942494	SSF x Near_LoA	-7,3400183	0,134	0,300
CHR9	4951832	CHR9:4951832	SSF x Near_LoA	-8,49204319	0,027	0,303
CHR9	4956348	CHR9:4956348	SSF x Near_LoA	-8,99681813	-0,014	0,312
CHR9	4956402	CHR9:4956402	SSF x Near_LoA	-7,9793003	-0,011	0,315
CHR9	4971465	CHR9:4971465	SSF x Near_LoA	-6,04586226	0,032	0,314
CHR9	4971485	CHR9:4971485	SSF x Near_LoA	-5,01089886	-0,077	0,306
CHR9	4971497	CHR9:4971497	SSF x Near_LoA	-10,395478	-0,079	0,310
CHR9	4971506	CHR9:4971506	SSF x Near_LoA	-10,6026862	-0,064	0,305
CHR9	4971548	CHR9:4971548	SSF x Near_LoA	-10,3214658	0,011	0,305
CHR9	4978980	CHR9:4978980	SSF x Near_LoA	-8,68574542	-0,073	0,319
CHR9	4979015	CHR9:4979015	SSF x Near_LoA	-9,47325414	0,016	0,306
CHR9	4979176	CHR9:4979176	SSF x Near_LoA	-10,1204585	0,094	0,316
CHR9	4984162	CHR9:4984162	SSF x Near_LoA	-10,4396202	0,000	0,307
CHR9	4984235	CHR9:4984235	SSF x Near_LoA	-9,05104519	0,013	0,310
CHR9	4985245	CHR9:4985245	SSF x Near_LoA	-8,5661253	0,158	0,298

CHR9	4985266	CHR9:4985266	SSF x Near_LoA	-8,3623999	-0,086	0,315
CHR9	4985314	CHR9:4985314	SSF x Near_LoA	-1,43243423	0,147	0,302
CHR9	4985398	CHR9:4985398	SSF x Near_LoA	-8,95134676	0,067	0,303
CHR9	4985400	CHR9:4985400	SSF x Near_LoA	-9,85431277	0,090	0,299
CHR9	4986	CHR9:4986	SSF x Near_LoA	-9,76323407	0,006	0,299
CHR9	4986654	CHR9:4986654	SSF x Near_LoA	-9,16417767	0,018	0,301
CHR9	4996798	CHR9:4996798	SSF x Near_LoA	-9,1080259	0,044	0,308
CHR9	5000024	CHR9:5000024	SSF x Near_LoA	-8,7924666	-0,060	0,297
CHR9	5012703	CHR9:5012703	SSF x Near_LoA	-2,68548852	0,054	0,309
CHR9	5012704	CHR9:5012704	SSF x Near_LoA	-4,9631734	-0,087	0,311
CHR9	5012706	CHR9:5012706	SSF x Near_LoA	-7,7485654	-0,047	0,296
CHR9	5012715	CHR9:5012715	SSF x Near_LoA	-9,20513205	-0,035	0,312
CHR9	5012740	CHR9:5012740	SSF x Near_LoA	-9,11582861	-0,038	0,296
CHR9	5012745	CHR9:5012745	SSF x Near_LoA	-8,30135582	-0,057	0,311
CHR9	5012785	CHR9:5012785	SSF x Near_LoA	-7,67250521	-0,020	0,306
CHR9	5012792	CHR9:5012792	SSF x Near_LoA	-8,54739481	-0,014	0,307
CHR9	5012808	CHR9:5012808	SSF x Near_LoA	-9,70238178	-0,064	0,317
CHR9	5015962	CHR9:5015962	SSF x Near_LoA	-8,85759094	-0,017	0,318
CHR9	5020412	CHR9:5020412	SSF x Near_LoA	-10,2539268	0,082	0,316
CHR9	5020570	CHR9:5020570	SSF x Near_LoA	-11,2779149	0,017	0,305
CHR9	502067	CHR9:502067	SSF x Near_LoA	-7,41615605	-0,033	0,305
CHR9	502091	CHR9:502091	SSF x Near_LoA	-9,14370444	-0,080	0,309
CHR9	5033550	CHR9:5033550	SSF x Near_LoA	-11,0547658	0,061	0,308
CHR9	5037107	CHR9:5037107	SSF x Near_LoA	-6,74009603	-0,010	0,312
CHR9	5039496	CHR9:5039496	SSF x Near_LoA	-8,63734678	0,001	0,317
CHR9	5039676	CHR9:5039676	SSF x Near_LoA	-5,98048241	-0,163	0,306
CHR9	5039703	CHR9:5039703	SSF x Near_LoA	-9,51219612	-0,004	0,308
CHR9	5041140	CHR9:5041140	SSF x Near_LoA	-7,32883534	0,021	0,315
CHR9	5052652	CHR9:5052652	SSF x Near_LoA	-7,00659074	0,057	0,314
CHR9	5052681	CHR9:5052681	SSF x Near_LoA	-8,60686037	-0,044	0,318
CHR9	5052688	CHR9:5052688	SSF x Near_LoA	-9,09472987	-0,091	0,314
CHR9	5067563	CHR9:5067563	SSF x Near_LoA	-9,15126534	0,113	0,309
CHR9	5075359	CHR9:5075359	SSF x Near_LoA	-7,23535313	-0,084	0,309
CHR9	5075414	CHR9:5075414	SSF x Near_LoA	-10,2681746	0,075	0,294
CHR9	5075504	CHR9:5075504	SSF x Near_LoA	-6,79784153	0,027	0,309
CHR9	5075610	CHR9:5075610	SSF x Near_LoA	-9,33042919	-0,061	0,305
CHR9	5079127	CHR9:5079127	SSF x Near_LoA	-9,20891427	-0,087	0,300
CHR9	5079220	CHR9:5079220	SSF x Near_LoA	-9,67886952	0,010	0,293
CHR9	5079248	CHR9:5079248	SSF x Near_LoA	-9,09082036	0,024	0,305
CHR9	5079249	CHR9:5079249	SSF x Near_LoA	-8,89278102	0,033	0,298
CHR9	5083650	CHR9:5083650	SSF x Near_LoA	-7,68298806	-0,067	0,317
CHR9	5084535	CHR9:5084535	SSF x Near_LoA	-9,41711471	0,087	0,311
CHR9	5093017	CHR9:5093017	SSF x Near_LoA	-10,590588	-0,095	0,309
CHR9	5099161	CHR9:5099161	SSF x Near_LoA	-8,85209749	-0,034	0,310
CHR9	5099191	CHR9:5099191	SSF x Near_LoA	-7,58033651	0,129	0,302
CHR9	5099193	CHR9:5099193	SSF x Near_LoA	-9,25315585	0,086	0,310
CHR9	5101237	CHR9:5101237	SSF x Near_LoA	-8,87148022	0,005	0,317
CHR9	5101352	CHR9:5101352	SSF x Near_LoA	-10,6354772	0,030	0,310
CHR9	5114630	CHR9:5114630	SSF x Near_LoA	-10,7593062	-0,023	0,305
CHR9	5117371	CHR9:5117371	SSF x Near_LoA	-7,96330495	0,127	0,316
CHR9	5117419	CHR9:5117419	SSF x Near_LoA	-7,539376	0,139	0,305
CHR9	5138568	CHR9:5138568	SSF x Near_LoA	-9,4099657	-0,130	0,306
CHR9	5162313	CHR9:5162313	SSF x Near_LoA	-9,88806498	-0,043	0,312

CHR9	5162315	CHR9:5162315	SSF x Near_LoA	-8,25081424	0,141	0,301
CHR9	5162327	CHR9:5162327	SSF x Near_LoA	-4,83933223	0,151	0,302
CHR9	5173873	CHR9:5173873	SSF x Near_LoA	-7,63919148	0,113	0,307
CHR9	5173875	CHR9:5173875	SSF x Near_LoA	-10,2466683	0,061	0,313
CHR9	5173931	CHR9:5173931	SSF x Near_LoA	-8,67188534	-0,030	0,308
CHR9	5174007	CHR9:5174007	SSF x Near_LoA	-9,31072253	-0,112	0,302
CHR9	5175929	CHR9:5175929	SSF x Near_LoA	-8,78051678	0,061	0,311
CHR9	5175936	CHR9:5175936	SSF x Near_LoA	-8,74608465	0,075	0,302
CHR9	5176069	CHR9:5176069	SSF x Near_LoA	-11,7938024	0,021	0,303
CHR9	519646	CHR9:519646	SSF x Near_LoA	-8,59512643	0,008	0,302
CHR9	5196874	CHR9:5196874	SSF x Near_LoA	-10,5133699	0,042	0,304
CHR9	5197094	CHR9:5197094	SSF x Near_LoA	-10,531639	-0,065	0,308
CHR9	5197202	CHR9:5197202	SSF x Near_LoA	-11,0793131	0,086	0,304
CHR9	519747	CHR9:519747	SSF x Near_LoA	-6,88534529	-0,009	0,308
CHR9	519748	CHR9:519748	SSF x Near_LoA	-9,32535959	0,071	0,290
CHR9	519813	CHR9:519813	SSF x Near_LoA	-9,29544915	0,039	0,311
CHR9	519818	CHR9:519818	SSF x Near_LoA	-7,73956445	0,046	0,317
CHR9	519819	CHR9:519819	SSF x Near_LoA	-10,0350233	0,062	0,305
CHR9	5213576	CHR9:5213576	SSF x Near_LoA	-8,91207557	-0,013	0,312
CHR9	5213749	CHR9:5213749	SSF x Near_LoA	-8,66219656	0,055	0,304
CHR9	5231185	CHR9:5231185	SSF x Near_LoA	-8,72049613	0,048	0,304
CHR9	5231282	CHR9:5231282	SSF x Near_LoA	-8,11777186	0,018	0,302
CHR9	5231300	CHR9:5231300	SSF x Near_LoA	-6,58224887	0,112	0,294
CHR9	5231309	CHR9:5231309	SSF x Near_LoA	-9,7555697	0,009	0,311
CHR9	5242260	CHR9:5242260	SSF x Near_LoA	-8,40109629	0,019	0,308
CHR9	525477	CHR9:525477	SSF x Near_LoA	-8,3750347	0,016	0,314
CHR9	5260375	CHR9:5260375	SSF x Near_LoA	-9,52058864	0,022	0,312
CHR9	5260378	CHR9:5260378	SSF x Near_LoA	-9,65614616	0,018	0,314
CHR9	5260379	CHR9:5260379	SSF x Near_LoA	-9,93372999	0,030	0,309
CHR9	5260382	CHR9:5260382	SSF x Near_LoA	-9,63387463	0,030	0,300
CHR9	5260387	CHR9:5260387	SSF x Near_LoA	-9,05114823	-0,005	0,304
CHR9	5260428	CHR9:5260428	SSF x Near_LoA	-9,25939058	-0,113	0,317
CHR9	5260431	CHR9:5260431	SSF x Near_LoA	-9,26860389	-0,099	0,303
CHR9	5260445	CHR9:5260445	SSF x Near_LoA	-5,37042764	0,199	0,302
CHR9	5260807	CHR9:5260807	SSF x Near_LoA	-10,9330865	-0,054	0,301
CHR9	5260834	CHR9:5260834	SSF x Near_LoA	-10,6002513	0,055	0,310
CHR9	5266039	CHR9:5266039	SSF x Near_LoA	-5,20908723	0,182	0,296
CHR9	5266157	CHR9:5266157	SSF x Near_LoA	-8,00843283	0,023	0,320
CHR9	5268248	CHR9:5268248	SSF x Near_LoA	-2,25913515	-0,122	0,302
CHR9	5268272	CHR9:5268272	SSF x Near_LoA	-10,4900339	-0,019	0,314
CHR9	5269550	CHR9:5269550	SSF x Near_LoA	-8,43761191	0,087	0,314
CHR9	5269693	CHR9:5269693	SSF x Near_LoA	-4,47573708	-0,186	0,308
CHR9	527196	CHR9:527196	SSF x Near_LoA	-8,28241916	0,007	0,296
CHR9	5278184	CHR9:5278184	SSF x Near_LoA	-9,58982095	0,036	0,325
CHR9	5286316	CHR9:5286316	SSF x Near_LoA	-9,48690441	0,082	0,313
CHR9	5286348	CHR9:5286348	SSF x Near_LoA	-8,18880836	0,056	0,326
CHR9	5286376	CHR9:5286376	SSF x Near_LoA	-5,86560793	0,053	0,317
CHR9	530154	CHR9:530154	SSF x Near_LoA	-7,94048886	0,009	0,300
CHR9	530199	CHR9:530199	SSF x Near_LoA	-8,25522457	0,053	0,310
CHR9	530215	CHR9:530215	SSF x Near_LoA	-9,06974501	0,115	0,309
CHR9	530222	CHR9:530222	SSF x Near_LoA	-8,80831879	0,056	0,308
CHR9	530253	CHR9:530253	SSF x Near_LoA	-9,36873588	0,127	0,298
CHR9	530298	CHR9:530298	SSF x Near_LoA	-9,55823687	0,078	0,297

CHR9	530357	CHR9:530357	SSF x Near_LoA	-9,17110109	-0,068	0,305
CHR9	5303826	CHR9:5303826	SSF x Near_LoA	-8,97015081	0,079	0,294
CHR9	5303967	CHR9:5303967	SSF x Near_LoA	-10,6079653	-0,035	0,294
CHR9	5314553	CHR9:5314553	SSF x Near_LoA	-10,4757104	0,033	0,305
CHR9	5314735	CHR9:5314735	SSF x Near_LoA	-7,70926413	0,048	0,306
CHR9	5324693	CHR9:5324693	SSF x Near_LoA	-12,2887595	0,003	0,308
CHR9	5325800	CHR9:5325800	SSF x Near_LoA	-8,12677374	-0,051	0,313
CHR9	5327856	CHR9:5327856	SSF x Near_LoA	-9,81488671	0,022	0,316
CHR9	5327906	CHR9:5327906	SSF x Near_LoA	-6,55604069	0,085	0,298
CHR9	5327980	CHR9:5327980	SSF x Near_LoA	-10,8016987	-0,016	0,309
CHR9	5328130	CHR9:5328130	SSF x Near_LoA	-10,5018138	0,010	0,295
CHR9	5329170	CHR9:5329170	SSF x Near_LoA	-11,3249	0,098	0,291
CHR9	5329209	CHR9:5329209	SSF x Near_LoA	-10,54209	0,019	0,300
CHR9	5333042	CHR9:5333042	SSF x Near_LoA	-8,22675897	0,078	0,314
CHR9	5333149	CHR9:5333149	SSF x Near_LoA	-8,13414927	-0,005	0,306
CHR9	5344807	CHR9:5344807	SSF x Near_LoA	-9,94505988	-0,075	0,307
CHR9	5344811	CHR9:5344811	SSF x Near_LoA	-8,83846873	-0,024	0,306
CHR9	5344877	CHR9:5344877	SSF x Near_LoA	-11,3746677	-0,040	0,295
CHR9	5345007	CHR9:5345007	SSF x Near_LoA	-4,90468245	0,152	0,301
CHR9	5345010	CHR9:5345010	SSF x Near_LoA	-3,57035613	0,149	0,297
CHR9	5350396	CHR9:5350396	SSF x Near_LoA	-8,9148872	0,022	0,313
CHR9	5350420	CHR9:5350420	SSF x Near_LoA	-8,53120529	0,131	0,302
CHR9	5350446	CHR9:5350446	SSF x Near_LoA	-8,48203268	-0,092	0,289
CHR9	5364494	CHR9:5364494	SSF x Near_LoA	-11,286215	0,025	0,314
CHR9	5364587	CHR9:5364587	SSF x Near_LoA	-8,13022743	0,045	0,314
CHR9	5364595	CHR9:5364595	SSF x Near_LoA	-10,4140867	-0,001	0,305
CHR9	5365778	CHR9:5365778	SSF x Near_LoA	-10,3534453	0,057	0,305
CHR9	5365949	CHR9:5365949	SSF x Near_LoA	-10,2221785	0,024	0,315
CHR9	5376060	CHR9:5376060	SSF x Near_LoA	-8,46358911	0,152	0,302
CHR9	5376137	CHR9:5376137	SSF x Near_LoA	-6,74761901	0,149	0,305
CHR9	5390859	CHR9:5390859	SSF x Near_LoA	-7,78527608	-0,031	0,316
CHR9	5390923	CHR9:5390923	SSF x Near_LoA	-6,59580231	-0,068	0,314
CHR9	5390939	CHR9:5390939	SSF x Near_LoA	-11,6879993	0,020	0,312
CHR9	5403997	CHR9:5403997	SSF x Near_LoA	-9,01407537	0,138	0,308
CHR9	5407270	CHR9:5407270	SSF x Near_LoA	-10,0310351	0,110	0,288
CHR9	542162	CHR9:542162	SSF x Near_LoA	-8,41723759	0,062	0,319
CHR9	5438226	CHR9:5438226	SSF x Near_LoA	-10,6649738	0,058	0,316
CHR9	545326	CHR9:545326	SSF x Near_LoA	-11,4311694	-0,011	0,306
CHR9	545351	CHR9:545351	SSF x Near_LoA	-8,7418088	0,072	0,302
CHR9	545463	CHR9:545463	SSF x Near_LoA	-6,33801486	0,132	0,314
CHR9	545526	CHR9:545526	SSF x Near_LoA	-7,41155878	0,093	0,296
CHR9	5456559	CHR9:5456559	SSF x Near_LoA	-10,3947219	-0,016	0,315
CHR9	5456562	CHR9:5456562	SSF x Near_LoA	-9,10371132	-0,073	0,309
CHR9	5469149	CHR9:5469149	SSF x Near_LoA	-9,91978057	0,068	0,312
CHR9	5469224	CHR9:5469224	SSF x Near_LoA	-9,72594492	0,050	0,308
CHR9	5474372	CHR9:5474372	SSF x Near_LoA	-7,115809	0,085	0,306
CHR9	5474507	CHR9:5474507	SSF x Near_LoA	-7,90302561	-0,092	0,312
CHR9	5484093	CHR9:5484093	SSF x Near_LoA	-6,89475962	0,009	0,309
CHR9	5484316	CHR9:5484316	SSF x Near_LoA	-8,92977065	-0,078	0,301
CHR9	5490828	CHR9:5490828	SSF x Near_LoA	-10,4114712	0,011	0,308
CHR9	5527577	CHR9:5527577	SSF x Near_LoA	-7,86692516	-0,004	0,311
CHR9	5527659	CHR9:5527659	SSF x Near_LoA	-5,39846925	0,217	0,298
CHR9	5527764	CHR9:5527764	SSF x Near_LoA	-8,79159758	-0,090	0,315

CHR9	5531686	CHR9:5531686	SSF x Near_LoA	-9,30693277	-0,008	0,312
CHR9	5531702	CHR9:5531702	SSF x Near_LoA	-8,22533075	0,121	0,292
CHR9	5531707	CHR9:5531707	SSF x Near_LoA	-9,55800629	0,132	0,313
CHR9	553441	CHR9:553441	SSF x Near_LoA	-8,87814685	0,004	0,310
CHR9	553503	CHR9:553503	SSF x Near_LoA	-8,42323186	0,075	0,303
CHR9	5535826	CHR9:5535826	SSF x Near_LoA	-10,0380283	0,013	0,304
CHR9	5535993	CHR9:5535993	SSF x Near_LoA	-9,11084505	-0,070	0,306
CHR9	5536004	CHR9:5536004	SSF x Near_LoA	-8,00118323	-0,106	0,312
CHR9	553606	CHR9:553606	SSF x Near_LoA	-10,3624885	0,038	0,307
CHR9	5549242	CHR9:5549242	SSF x Near_LoA	-6,75200918	-0,140	0,300
CHR9	5549288	CHR9:5549288	SSF x Near_LoA	-9,91709593	-0,026	0,328
CHR9	5557580	CHR9:5557580	SSF x Near_LoA	-6,69901456	-0,161	0,292
CHR9	5573783	CHR9:5573783	SSF x Near_LoA	-11,1279187	-0,016	0,301
CHR9	5606931	CHR9:5606931	SSF x Near_LoA	-7,43253027	-0,037	0,317
CHR9	5606996	CHR9:5606996	SSF x Near_LoA	-8,39593981	0,003	0,320
CHR9	5607038	CHR9:5607038	SSF x Near_LoA	-9,84821008	0,041	0,298
CHR9	5609397	CHR9:5609397	SSF x Near_LoA	-10,3028893	-0,032	0,310
CHR9	5609535	CHR9:5609535	SSF x Near_LoA	-9,67240766	-0,103	0,318
CHR9	5615454	CHR9:5615454	SSF x Near_LoA	-9,1304089	0,046	0,315
CHR9	5615486	CHR9:5615486	SSF x Near_LoA	-7,22132786	0,075	0,310
CHR9	5615508	CHR9:5615508	SSF x Near_LoA	-8,95490275	0,091	0,295
CHR9	5615566	CHR9:5615566	SSF x Near_LoA	-10,611114	0,013	0,299
CHR9	5615572	CHR9:5615572	SSF x Near_LoA	-7,85196659	0,114	0,299
CHR9	5615579	CHR9:5615579	SSF x Near_LoA	-8,50479202	-0,048	0,305
CHR9	5615615	CHR9:5615615	SSF x Near_LoA	-5,06838205	0,096	0,301
CHR9	562317	CHR9:562317	SSF x Near_LoA	-7,09416041	-0,159	0,301
CHR9	5635947	CHR9:5635947	SSF x Near_LoA	-9,94652959	0,014	0,315
CHR9	5641710	CHR9:5641710	SSF x Near_LoA	-9,29516624	0,050	0,313
CHR9	5644155	CHR9:5644155	SSF x Near_LoA	-7,97580273	0,104	0,313
CHR9	5644166	CHR9:5644166	SSF x Near_LoA	-8,25701246	0,111	0,314
CHR9	5644174	CHR9:5644174	SSF x Near_LoA	-11,0004491	-0,052	0,317
CHR9	5648731	CHR9:5648731	SSF x Near_LoA	-10,1758144	0,067	0,312
CHR9	5659363	CHR9:5659363	SSF x Near_LoA	-9,65927426	-0,005	0,311
CHR9	5659427	CHR9:5659427	SSF x Near_LoA	15,0704603	0,107	0,319
CHR9	5662352	CHR9:5662352	SSF x Near_LoA	-10,7925711	-0,025	0,313
CHR9	5666716	CHR9:5666716	SSF x Near_LoA	-10,2102648	0,062	0,296
CHR9	5666773	CHR9:5666773	SSF x Near_LoA	-10,0045602	-0,048	0,312
CHR9	5666776	CHR9:5666776	SSF x Near_LoA	-9,60418763	-0,064	0,311
CHR9	5666848	CHR9:5666848	SSF x Near_LoA	-9,72496836	-0,103	0,311
CHR9	5666885	CHR9:5666885	SSF x Near_LoA	-8,95438083	0,001	0,317
CHR9	5666902	CHR9:5666902	SSF x Near_LoA	-7,98406816	0,137	0,305
CHR9	5666905	CHR9:5666905	SSF x Near_LoA	-9,18160899	-0,024	0,307
CHR9	5666920	CHR9:5666920	SSF x Near_LoA	-7,84453289	-0,032	0,297
CHR9	5666969	CHR9:5666969	SSF x Near_LoA	-11,6787192	0,009	0,305
CHR9	5681411	CHR9:5681411	SSF x Near_LoA	-9,93281171	0,074	0,316
CHR9	5681664	CHR9:5681664	SSF x Near_LoA	-10,4874123	-0,043	0,309
CHR9	5681669	CHR9:5681669	SSF x Near_LoA	-7,17029916	-0,058	0,306
CHR9	5685139	CHR9:5685139	SSF x Near_LoA	-9,10016579	-0,094	0,297
CHR9	5685160	CHR9:5685160	SSF x Near_LoA	-8,43850187	0,001	0,316
CHR9	5685410	CHR9:5685410	SSF x Near_LoA	-5,23928177	-0,106	0,304
CHR9	5685420	CHR9:5685420	SSF x Near_LoA	-3,12711578	-0,132	0,320
CHR9	568678	CHR9:568678	SSF x Near_LoA	-9,47004095	0,174	0,296
CHR9	568686	CHR9:568686	SSF x Near_LoA	-10,2575432	0,140	0,300

CHR9	5703293	CHR9:5703293	SSF x Near_LoA	-10,2501202	-0,017	0,308
CHR9	570569	CHR9:570569	SSF x Near_LoA	-9,99291788	-0,041	0,294
CHR9	570580	CHR9:570580	SSF x Near_LoA	-11,630938	-0,034	0,303
CHR9	5706163	CHR9:5706163	SSF x Near_LoA	-10,4250496	-0,057	0,298
CHR9	5706167	CHR9:5706167	SSF x Near_LoA	-7,82649595	-0,053	0,312
CHR9	5709385	CHR9:5709385	SSF x Near_LoA	-11,1502861	-0,101	0,300
CHR9	5714118	CHR9:5714118	SSF x Near_LoA	-9,5547704	0,009	0,300
CHR9	5714306	CHR9:5714306	SSF x Near_LoA	-8,57279909	0,158	0,295
CHR9	5714310	CHR9:5714310	SSF x Near_LoA	-9,08383012	0,088	0,303
CHR9	5714315	CHR9:5714315	SSF x Near_LoA	-7,5231862	0,055	0,321
CHR9	5714318	CHR9:5714318	SSF x Near_LoA	-8,52633459	0,073	0,320
CHR9	5714342	CHR9:5714342	SSF x Near_LoA	-9,45815867	0,012	0,311
CHR9	5714390	CHR9:5714390	SSF x Near_LoA	-11,0977314	-0,034	0,314
CHR9	571522	CHR9:571522	SSF x Near_LoA	-9,75551099	0,139	0,296
CHR9	5725125	CHR9:5725125	SSF x Near_LoA	-8,92760144	-0,002	0,301
CHR9	5747035	CHR9:5747035	SSF x Near_LoA	-6,85294599	0,181	0,298
CHR9	5760925	CHR9:5760925	SSF x Near_LoA	-10,2612164	-0,030	0,308
CHR9	5774486	CHR9:5774486	SSF x Near_LoA	-8,81396597	0,095	0,313
CHR9	5774591	CHR9:5774591	SSF x Near_LoA	-9,29589525	-0,116	0,315
CHR9	5774690	CHR9:5774690	SSF x Near_LoA	-8,70350043	0,005	0,312
CHR9	5774702	CHR9:5774702	SSF x Near_LoA	-11,1408294	-0,012	0,317
CHR9	5794945	CHR9:5794945	SSF x Near_LoA	-5,61259602	-0,144	0,311
CHR9	5794956	CHR9:5794956	SSF x Near_LoA	-10,3191232	-0,043	0,309
CHR9	5795100	CHR9:5795100	SSF x Near_LoA	-8,46025864	0,027	0,317
CHR9	5843545	CHR9:5843545	SSF x Near_LoA	-10,1485633	-0,012	0,304
CHR9	5849429	CHR9:5849429	SSF x Near_LoA	-7,837384	0,167	0,303
CHR9	5861177	CHR9:5861177	SSF x Near_LoA	-7,90657888	0,091	0,315
CHR9	5869026	CHR9:5869026	SSF x Near_LoA	-6,85984132	-0,033	0,318
CHR9	5869030	CHR9:5869030	SSF x Near_LoA	-9,40259669	-0,004	0,308
CHR9	5869031	CHR9:5869031	SSF x Near_LoA	-9,03314197	-0,065	0,309
CHR9	5869054	CHR9:5869054	SSF x Near_LoA	-9,08422917	0,080	0,317
CHR9	5869060	CHR9:5869060	SSF x Near_LoA	-6,69833034	-0,043	0,303
CHR9	5869130	CHR9:5869130	SSF x Near_LoA	-11,6153588	0,005	0,309
CHR9	5869176	CHR9:5869176	SSF x Near_LoA	-10,9373757	0,002	0,309
CHR9	5876464	CHR9:5876464	SSF x Near_LoA	-7,01451073	-0,026	0,321
CHR9	5876466	CHR9:5876466	SSF x Near_LoA	-9,06839509	0,046	0,305
CHR9	5876539	CHR9:5876539	SSF x Near_LoA	-9,32626579	0,031	0,305
CHR9	5887509	CHR9:5887509	SSF x Near_LoA	-9,68940732	-0,047	0,322
CHR9	5887528	CHR9:5887528	SSF x Near_LoA	-10,6277767	0,083	0,299
CHR9	5887800	CHR9:5887800	SSF x Near_LoA	-9,76922959	-0,080	0,320
CHR9	5914242	CHR9:5914242	SSF x Near_LoA	-8,77771355	-0,080	0,310
CHR9	5914253	CHR9:5914253	SSF x Near_LoA	-8,79782134	0,002	0,300
CHR9	5916039	CHR9:5916039	SSF x Near_LoA	-8,63959771	0,040	0,309
CHR9	5916102	CHR9:5916102	SSF x Near_LoA	-10,054541	0,125	0,298
CHR9	5916278	CHR9:5916278	SSF x Near_LoA	-7,27096846	0,150	0,310
CHR9	5917585	CHR9:5917585	SSF x Near_LoA	-10,6203369	-0,010	0,307
CHR9	5930795	CHR9:5930795	SSF x Near_LoA	-9,13412141	-0,013	0,306
CHR9	5930863	CHR9:5930863	SSF x Near_LoA	-5,70911663	0,153	0,302
CHR9	5936309	CHR9:5936309	SSF x Near_LoA	-10,3637737	0,118	0,314
CHR9	5936462	CHR9:5936462	SSF x Near_LoA	-9,25416697	0,015	0,313
CHR9	5936594	CHR9:5936594	SSF x Near_LoA	-11,2088031	-0,022	0,296
CHR9	5950051	CHR9:5950051	SSF x Near_LoA	-5,69170641	-0,058	0,315
CHR9	5951648	CHR9:5951648	SSF x Near_LoA	-6,11664244	0,186	0,285

CHR9	5951715	CHR9:5951715	SSF x Near_LoA	-10,3500127	-0,066	0,309
CHR9	5951775	CHR9:5951775	SSF x Near_LoA	-6,07830104	-0,129	0,296
CHR9	5951796	CHR9:5951796	SSF x Near_LoA	-9,41642326	0,101	0,307
CHR9	5951801	CHR9:5951801	SSF x Near_LoA	-10,806445	-0,061	0,317
CHR9	5951839	CHR9:5951839	SSF x Near_LoA	-9,08197766	0,103	0,305
CHR9	5951880	CHR9:5951880	SSF x Near_LoA	-10,1922038	0,113	0,304
CHR9	5951915	CHR9:5951915	SSF x Near_LoA	-5,27746604	-0,191	0,310
CHR9	5951918	CHR9:5951918	SSF x Near_LoA	-10,1419581	-0,055	0,311
CHR9	5951940	CHR9:5951940	SSF x Near_LoA	-9,42260414	0,096	0,300
CHR9	5951947	CHR9:5951947	SSF x Near_LoA	-10,408687	0,063	0,311
CHR9	5951953	CHR9:5951953	SSF x Near_LoA	-7,04409467	-0,157	0,307
CHR9	5951971	CHR9:5951971	SSF x Near_LoA	-4,50639041	-0,139	0,310
CHR9	5951974	CHR9:5951974	SSF x Near_LoA	-6,8860509	0,076	0,304
CHR9	5951984	CHR9:5951984	SSF x Near_LoA	-4,29022923	-0,138	0,308
CHR9	5951987	CHR9:5951987	SSF x Near_LoA	-5,44688763	-0,144	0,312
CHR9	5952004	CHR9:5952004	SSF x Near_LoA	-7,91649009	-0,168	0,287
CHR9	5952031	CHR9:5952031	SSF x Near_LoA	-9,38891349	0,075	0,305
CHR9	5957344	CHR9:5957344	SSF x Near_LoA	-9,430551	-0,102	0,301
CHR9	5960754	CHR9:5960754	SSF x Near_LoA	-7,07307901	-0,052	0,315
CHR9	5960913	CHR9:5960913	SSF x Near_LoA	-11,0777407	-0,107	0,312
CHR9	5960930	CHR9:5960930	SSF x Near_LoA	-7,78211489	0,101	0,288
CHR9	5960951	CHR9:5960951	SSF x Near_LoA	-6,21044622	0,122	0,301
CHR9	5967390	CHR9:5967390	SSF x Near_LoA	-9,31109238	-0,062	0,308
CHR9	5970569	CHR9:5970569	SSF x Near_LoA	-7,43520715	0,019	0,316
CHR9	5970617	CHR9:5970617	SSF x Near_LoA	-9,30077187	-0,004	0,323
CHR9	5970707	CHR9:5970707	SSF x Near_LoA	-11,8217058	0,002	0,296
CHR9	5970720	CHR9:5970720	SSF x Near_LoA	-9,32288368	0,037	0,296
CHR9	5970756	CHR9:5970756	SSF x Near_LoA	-9,01945147	0,001	0,307
CHR9	5970787	CHR9:5970787	SSF x Near_LoA	-9,38050194	0,024	0,313
CHR9	5970788	CHR9:5970788	SSF x Near_LoA	-9,21878779	-0,006	0,314
CHR9	5976159	CHR9:5976159	SSF x Near_LoA	-10,4265789	-0,100	0,313
CHR9	5976166	CHR9:5976166	SSF x Near_LoA	-9,67174072	-0,041	0,312
CHR9	5976229	CHR9:5976229	SSF x Near_LoA	-10,8806522	0,086	0,294
CHR9	5988754	CHR9:5988754	SSF x Near_LoA	-8,99225093	0,050	0,291
CHR9	5988856	CHR9:5988856	SSF x Near_LoA	-10,6919459	0,006	0,307
CHR9	5988955	CHR9:5988955	SSF x Near_LoA	-10,7984839	-0,024	0,301
CHR9	5990638	CHR9:5990638	SSF x Near_LoA	-9,66896563	0,110	0,302
CHR9	5990728	CHR9:5990728	SSF x Near_LoA	-7,61402619	0,112	0,310
CHR9	5990752	CHR9:5990752	SSF x Near_LoA	-5,95400992	0,078	0,303
CHR9	5990776	CHR9:5990776	SSF x Near_LoA	-7,33539106	-0,052	0,321
CHR9	5998565	CHR9:5998565	SSF x Near_LoA	-9,17888029	-0,047	0,319
CHR9	6006283	CHR9:6006283	SSF x Near_LoA	-10,476356	-0,022	0,320
CHR9	6006285	CHR9:6006285	SSF x Near_LoA	-10,8778327	-0,033	0,302
CHR9	6006319	CHR9:6006319	SSF x Near_LoA	-7,94905209	0,105	0,299
CHR9	6011300	CHR9:6011300	SSF x Near_LoA	-6,83336512	-0,005	0,309
CHR9	6011324	CHR9:6011324	SSF x Near_LoA	-10,284601	0,043	0,309
CHR9	6011437	CHR9:6011437	SSF x Near_LoA	-4,46769121	0,065	0,304
CHR9	6011525	CHR9:6011525	SSF x Near_LoA	-10,7577965	0,038	0,298
CHR9	6017577	CHR9:6017577	SSF x Near_LoA	-10,5235096	-0,105	0,308
CHR9	6017608	CHR9:6017608	SSF x Near_LoA	-9,40960035	-0,037	0,312
CHR9	6017646	CHR9:6017646	SSF x Near_LoA	-11,3659308	-0,059	0,302
CHR9	6017670	CHR9:6017670	SSF x Near_LoA	-8,89264492	-0,107	0,298
CHR9	6023080	CHR9:6023080	SSF x Near_LoA	-7,23657809	-0,060	0,316

CHR9	6023105	CHR9:6023105	SSF x Near_LoA	-9,84045466	-0,083	0,303
CHR9	6026519	CHR9:6026519	SSF x Near_LoA	-11,7778102	-0,035	0,308
CHR9	6026545	CHR9:6026545	SSF x Near_LoA	-10,7475955	0,021	0,309
CHR9	6031576	CHR9:6031576	SSF x Near_LoA	-10,3810965	-0,102	0,296
CHR9	6031589	CHR9:6031589	SSF x Near_LoA	-8,18333805	-0,127	0,314
CHR9	6031645	CHR9:6031645	SSF x Near_LoA	-9,28450377	-0,043	0,318
CHR9	6031660	CHR9:6031660	SSF x Near_LoA	-10,8853515	-0,106	0,307
CHR9	6031684	CHR9:6031684	SSF x Near_LoA	-11,4427081	-0,082	0,301
CHR9	6031735	CHR9:6031735	SSF x Near_LoA	-9,26712182	-0,084	0,306
CHR9	6031759	CHR9:6031759	SSF x Near_LoA	-10,3976141	0,100	0,308
CHR9	6031780	CHR9:6031780	SSF x Near_LoA	-10,3806497	0,004	0,299
CHR9	6031786	CHR9:6031786	SSF x Near_LoA	-7,87559742	-0,024	0,312
CHR9	6048426	CHR9:6048426	SSF x Near_LoA	-8,89447034	-0,007	0,303
CHR9	6052869	CHR9:6052869	SSF x Near_LoA	-11,6726338	0,075	0,303
CHR9	6052872	CHR9:6052872	SSF x Near_LoA	-10,2611817	-0,063	0,310
CHR9	6052873	CHR9:6052873	SSF x Near_LoA	-7,71734433	-0,024	0,308
CHR9	6056503	CHR9:6056503	SSF x Near_LoA	-8,70271561	-0,009	0,315
CHR9	6056540	CHR9:6056540	SSF x Near_LoA	-10,0479873	-0,141	0,305
CHR9	6056642	CHR9:6056642	SSF x Near_LoA	-10,3285396	0,000	0,315
CHR9	6056646	CHR9:6056646	SSF x Near_LoA	-10,9016244	0,005	0,308
CHR9	6056652	CHR9:6056652	SSF x Near_LoA	-9,83843795	0,052	0,319
CHR9	6056672	CHR9:6056672	SSF x Near_LoA	-7,62439663	0,169	0,288
CHR9	6056739	CHR9:6056739	SSF x Near_LoA	-10,5137096	-0,026	0,322
CHR9	6058761	CHR9:6058761	SSF x Near_LoA	-8,51519657	-0,038	0,301
CHR9	6058767	CHR9:6058767	SSF x Near_LoA	-9,22783848	-0,118	0,307
CHR9	6058843	CHR9:6058843	SSF x Near_LoA	-7,94736799	-0,171	0,292
CHR9	608067	CHR9:608067	SSF x Near_LoA	-10,5729044	0,048	0,302
CHR9	6085472	CHR9:6085472	SSF x Near_LoA	-11,2929979	-0,049	0,310
CHR9	6085686	CHR9:6085686	SSF x Near_LoA	-8,42765205	0,071	0,317
CHR9	609018	CHR9:609018	SSF x Near_LoA	-8,15031694	0,058	0,286
CHR9	609063	CHR9:609063	SSF x Near_LoA	-9,78736552	0,039	0,316
CHR9	6092314	CHR9:6092314	SSF x Near_LoA	-9,37380268	-0,032	0,315
CHR9	6092318	CHR9:6092318	SSF x Near_LoA	-8,65836216	-0,026	0,306
CHR9	6099296	CHR9:6099296	SSF x Near_LoA	-9,67050947	-0,066	0,284
CHR9	6099335	CHR9:6099335	SSF x Near_LoA	-8,25494061	0,076	0,299
CHR9	6099382	CHR9:6099382	SSF x Near_LoA	-8,81447283	0,092	0,305
CHR9	6099393	CHR9:6099393	SSF x Near_LoA	-8,70167508	0,128	0,303
CHR9	6099420	CHR9:6099420	SSF x Near_LoA	-1,80664047	-0,025	0,309
CHR9	6099448	CHR9:6099448	SSF x Near_LoA	-9,10397364	0,023	0,301
CHR9	6099463	CHR9:6099463	SSF x Near_LoA	-7,33220799	0,187	0,301
CHR9	6100990	CHR9:6100990	SSF x Near_LoA	-11,2097787	-0,026	0,308
CHR9	6113758	CHR9:6113758	SSF x Near_LoA	-10,378835	0,031	0,304
CHR9	6121119	CHR9:6121119	SSF x Near_LoA	-8,26159197	0,022	0,319
CHR9	6121155	CHR9:6121155	SSF x Near_LoA	-9,77722654	0,045	0,308
CHR9	6121158	CHR9:6121158	SSF x Near_LoA	-9,39425038	-0,018	0,316
CHR9	6125137	CHR9:6125137	SSF x Near_LoA	-11,3807339	0,001	0,310
CHR9	6127646	CHR9:6127646	SSF x Near_LoA	2,76048432	0,085	0,315
CHR9	6127649	CHR9:6127649	SSF x Near_LoA	-3,55196016	0,130	0,312
CHR9	6127709	CHR9:6127709	SSF x Near_LoA	-10,54023	0,095	0,303
CHR9	6127811	CHR9:6127811	SSF x Near_LoA	-11,3794913	-0,035	0,303
CHR9	6137818	CHR9:6137818	SSF x Near_LoA	-9,80115022	-0,077	0,310
CHR9	6137831	CHR9:6137831	SSF x Near_LoA	-9,70992199	-0,049	0,310
CHR9	6137877	CHR9:6137877	SSF x Near_LoA	-9,92177117	0,013	0,314

CHR9	6139548	CHR9:6139548	SSF x Near_LoA	-10,2134423	-0,035	0,306
CHR9	6153480	CHR9:6153480	SSF x Near_LoA	-10,2026716	-0,046	0,304
CHR9	6153551	CHR9:6153551	SSF x Near_LoA	-8,80265548	0,031	0,302
CHR9	6153578	CHR9:6153578	SSF x Near_LoA	-8,7434077	0,000	0,303
CHR9	6153800	CHR9:6153800	SSF x Near_LoA	-8,68953516	-0,008	0,290
CHR9	6166114	CHR9:6166114	SSF x Near_LoA	-7,87612945	0,123	0,303
CHR9	6166141	CHR9:6166141	SSF x Near_LoA	-8,30219798	-0,074	0,319
CHR9	6166178	CHR9:6166178	SSF x Near_LoA	-10,0306718	0,122	0,307
CHR9	6169708	CHR9:6169708	SSF x Near_LoA	-8,47034855	0,073	0,292
CHR9	6186861	CHR9:6186861	SSF x Near_LoA	-8,93282558	-0,057	0,313
CHR9	6186873	CHR9:6186873	SSF x Near_LoA	-9,20782937	-0,014	0,321
CHR9	6186886	CHR9:6186886	SSF x Near_LoA	-10,1809907	-0,050	0,304
CHR9	6188625	CHR9:6188625	SSF x Near_LoA	-11,611891	0,000	0,296
CHR9	6191577	CHR9:6191577	SSF x Near_LoA	-7,66795404	0,048	0,324
CHR9	6198113	CHR9:6198113	SSF x Near_LoA	-8,06230439	-0,081	0,320
CHR9	6198149	CHR9:6198149	SSF x Near_LoA	-9,6568912	-0,049	0,313
CHR9	6198157	CHR9:6198157	SSF x Near_LoA	-9,5233854	0,123	0,316
CHR9	6198240	CHR9:6198240	SSF x Near_LoA	-7,95118138	-0,113	0,322
CHR9	6200884	CHR9:6200884	SSF x Near_LoA	-9,69464719	0,071	0,317
CHR9	6201175	CHR9:6201175	SSF x Near_LoA	-7,10126512	-0,003	0,312
CHR9	6211292	CHR9:6211292	SSF x Near_LoA	-8,39212071	0,022	0,328
CHR9	6211981	CHR9:6211981	SSF x Near_LoA	-10,1605555	0,013	0,281
CHR9	6216581	CHR9:6216581	SSF x Near_LoA	-10,0464118	0,094	0,317
CHR9	6216611	CHR9:6216611	SSF x Near_LoA	-7,97395121	-0,063	0,304
CHR9	6219122	CHR9:6219122	SSF x Near_LoA	-2,06965174	0,226	0,294
CHR9	6219168	CHR9:6219168	SSF x Near_LoA	-9,61771995	-0,075	0,305
CHR9	6219170	CHR9:6219170	SSF x Near_LoA	-8,2196114	-0,049	0,322
CHR9	6219239	CHR9:6219239	SSF x Near_LoA	-7,77480579	0,088	0,292
CHR9	623429	CHR9:623429	SSF x Near_LoA	-9,43801886	0,020	0,306
CHR9	6245322	CHR9:6245322	SSF x Near_LoA	-9,57249125	-0,068	0,310
CHR9	6245373	CHR9:6245373	SSF x Near_LoA	-8,24239087	0,094	0,311
CHR9	6245496	CHR9:6245496	SSF x Near_LoA	-9,28879158	0,020	0,314
CHR9	6251805	CHR9:6251805	SSF x Near_LoA	-10,0251201	-0,007	0,308
CHR9	6251865	CHR9:6251865	SSF x Near_LoA	-11,0746159	-0,101	0,304
CHR9	6251912	CHR9:6251912	SSF x Near_LoA	-8,49618874	0,030	0,311
CHR9	6252020	CHR9:6252020	SSF x Near_LoA	-9,82460497	0,039	0,305
CHR9	6253423	CHR9:6253423	SSF x Near_LoA	-12,2241331	-0,042	0,301
CHR9	6253424	CHR9:6253424	SSF x Near_LoA	-9,95754198	0,010	0,304
CHR9	6255656	CHR9:6255656	SSF x Near_LoA	-7,42353395	-0,115	0,307
CHR9	6255749	CHR9:6255749	SSF x Near_LoA	-11,6160425	0,041	0,302
CHR9	6255755	CHR9:6255755	SSF x Near_LoA	-7,09157502	0,111	0,313
CHR9	6255796	CHR9:6255796	SSF x Near_LoA	-12,2015979	0,023	0,310
CHR9	6255824	CHR9:6255824	SSF x Near_LoA	-9,96994626	0,029	0,312
CHR9	6255844	CHR9:6255844	SSF x Near_LoA	-9,17551071	-0,160	0,307
CHR9	6260636	CHR9:6260636	SSF x Near_LoA	-8,3779804	-0,103	0,287
CHR9	6260691	CHR9:6260691	SSF x Near_LoA	-11,7597903	0,022	0,308
CHR9	6260696	CHR9:6260696	SSF x Near_LoA	-7,55686297	-0,063	0,308
CHR9	6260796	CHR9:6260796	SSF x Near_LoA	-9,52246123	0,080	0,292
CHR9	6260851	CHR9:6260851	SSF x Near_LoA	-8,44832773	-0,117	0,311
CHR9	6275339	CHR9:6275339	SSF x Near_LoA	-7,78049752	0,027	0,320
CHR9	6288707	CHR9:6288707	SSF x Near_LoA	-5,54650787	-0,089	0,313
CHR9	6297613	CHR9:6297613	SSF x Near_LoA	-7,77359135	0,047	0,303
CHR9	6297672	CHR9:6297672	SSF x Near_LoA	-11,1216898	0,020	0,322

CHR9	6298318	CHR9:6298318	SSF x Near_LoA	-11,2809502	0,075	0,308
CHR9	6303642	CHR9:6303642	SSF x Near_LoA	-7,84352427	-0,048	0,316
CHR9	6303654	CHR9:6303654	SSF x Near_LoA	-9,4359683	-0,035	0,309
CHR9	6320206	CHR9:6320206	SSF x Near_LoA	-10,5610374	-0,002	0,292
CHR9	6320215	CHR9:6320215	SSF x Near_LoA	-9,41596973	0,061	0,310
CHR9	6320250	CHR9:6320250	SSF x Near_LoA	-9,02194774	0,065	0,297
CHR9	6320264	CHR9:6320264	SSF x Near_LoA	-9,69712096	0,006	0,307
CHR9	6320299	CHR9:6320299	SSF x Near_LoA	-9,11609229	-0,017	0,296
CHR9	6320311	CHR9:6320311	SSF x Near_LoA	-8,22824594	0,095	0,315
CHR9	6320312	CHR9:6320312	SSF x Near_LoA	-9,53054298	0,071	0,307
CHR9	6320313	CHR9:6320313	SSF x Near_LoA	-9,42537393	-0,043	0,306
CHR9	6320323	CHR9:6320323	SSF x Near_LoA	-10,2277886	0,045	0,300
CHR9	6320415	CHR9:6320415	SSF x Near_LoA	-8,01050145	0,050	0,294
CHR9	6322575	CHR9:6322575	SSF x Near_LoA	-9,07100012	0,007	0,323
CHR9	6322613	CHR9:6322613	SSF x Near_LoA	-9,45378964	-0,015	0,302
CHR9	6332028	CHR9:6332028	SSF x Near_LoA	-1,80596065	0,027	0,315
CHR9	6332597	CHR9:6332597	SSF x Near_LoA	-11,9644396	-0,021	0,306
CHR9	6332627	CHR9:6332627	SSF x Near_LoA	-9,6900447	0,017	0,306
CHR9	6332630	CHR9:6332630	SSF x Near_LoA	-8,9669208	-0,012	0,311
CHR9	6360510	CHR9:6360510	SSF x Near_LoA	-5,99528767	-0,105	0,292
CHR9	6379355	CHR9:6379355	SSF x Near_LoA	-7,77818115	0,060	0,314
CHR9	6436679	CHR9:6436679	SSF x Near_LoA	-8,42827641	0,077	0,312
CHR9	6436693	CHR9:6436693	SSF x Near_LoA	-11,2055931	0,044	0,292
CHR9	6436725	CHR9:6436725	SSF x Near_LoA	3,22878636	0,066	0,314
CHR9	6436770	CHR9:6436770	SSF x Near_LoA	-9,58933096	-0,037	0,305
CHR9	6436940	CHR9:6436940	SSF x Near_LoA	-9,56340692	0,016	0,323
CHR9	6438051	CHR9:6438051	SSF x Near_LoA	-8,65481429	-0,094	0,308
CHR9	6439114	CHR9:6439114	SSF x Near_LoA	-10,2424758	0,106	0,299
CHR9	6439210	CHR9:6439210	SSF x Near_LoA	-8,93699126	0,001	0,309
CHR9	6442032	CHR9:6442032	SSF x Near_LoA	-4,67794521	0,008	0,305
CHR9	6450160	CHR9:6450160	SSF x Near_LoA	-7,79057345	-0,128	0,283
CHR9	6457131	CHR9:6457131	SSF x Near_LoA	-7,72200159	-0,123	0,299
CHR9	6457172	CHR9:6457172	SSF x Near_LoA	-5,98305988	0,160	0,308
CHR9	6457227	CHR9:6457227	SSF x Near_LoA	-9,05190365	0,043	0,314
CHR9	6470907	CHR9:6470907	SSF x Near_LoA	-8,70004295	0,079	0,287
CHR9	6470910	CHR9:6470910	SSF x Near_LoA	-8,84039365	-0,004	0,328
CHR9	6470922	CHR9:6470922	SSF x Near_LoA	-9,3502133	-0,124	0,299
CHR9	6470923	CHR9:6470923	SSF x Near_LoA	-10,2556612	-0,107	0,314
CHR9	6471007	CHR9:6471007	SSF x Near_LoA	-6,93336442	0,099	0,313
CHR9	6471043	CHR9:6471043	SSF x Near_LoA	-3,48955503	-0,114	0,310
CHR9	6471067	CHR9:6471067	SSF x Near_LoA	-8,96281548	0,043	0,325
CHR9	6471112	CHR9:6471112	SSF x Near_LoA	-8,44205214	0,061	0,298
CHR9	6476038	CHR9:6476038	SSF x Near_LoA	-10,0454505	-0,088	0,307
CHR9	6476046	CHR9:6476046	SSF x Near_LoA	-8,66531802	-0,061	0,307
CHR9	6476056	CHR9:6476056	SSF x Near_LoA	-10,6418014	0,122	0,303
CHR9	6476062	CHR9:6476062	SSF x Near_LoA	-9,76341403	-0,071	0,307
CHR9	6476085	CHR9:6476085	SSF x Near_LoA	-8,23228465	-0,171	0,301
CHR9	6476131	CHR9:6476131	SSF x Near_LoA	-9,26779495	-0,054	0,291
CHR9	6476133	CHR9:6476133	SSF x Near_LoA	-9,6850172	-0,052	0,292
CHR9	6476153	CHR9:6476153	SSF x Near_LoA	-8,57807176	0,013	0,308
CHR9	6488820	CHR9:6488820	SSF x Near_LoA	-10,4153541	0,042	0,320
CHR9	6488878	CHR9:6488878	SSF x Near_LoA	-8,92244392	0,078	0,292
CHR9	6488879	CHR9:6488879	SSF x Near_LoA	-11,010342	0,039	0,308

CHR9	6488950	CHR9:6488950	SSF x Near_LoA	-8,3106644	-0,055	0,299
CHR9	6488993	CHR9:6488993	SSF x Near_LoA	-8,63403501	0,137	0,306
CHR9	6492303	CHR9:6492303	SSF x Near_LoA	-7,92519796	-0,015	0,310
CHR9	6494278	CHR9:6494278	SSF x Near_LoA	-12,0857643	0,013	0,305
CHR9	6502007	CHR9:6502007	SSF x Near_LoA	-8,58375486	0,004	0,306
CHR9	6502204	CHR9:6502204	SSF x Near_LoA	-9,22685795	0,073	0,300
CHR9	6502216	CHR9:6502216	SSF x Near_LoA	-7,4081159	0,076	0,286
CHR9	6502331	CHR9:6502331	SSF x Near_LoA	-7,76460939	0,096	0,302
CHR9	6504148	CHR9:6504148	SSF x Near_LoA	-8,02667669	-0,021	0,303
CHR9	6506289	CHR9:6506289	SSF x Near_LoA	-9,08455539	-0,104	0,300
CHR9	6506369	CHR9:6506369	SSF x Near_LoA	-8,24643453	-0,102	0,302
CHR9	6506382	CHR9:6506382	SSF x Near_LoA	-9,89579398	0,099	0,308
CHR9	6506407	CHR9:6506407	SSF x Near_LoA	-4,60155467	-0,008	0,312
CHR9	6509272	CHR9:6509272	SSF x Near_LoA	-11,5388685	0,018	0,307
CHR9	6509285	CHR9:6509285	SSF x Near_LoA	-8,97807856	0,065	0,304
CHR9	6509289	CHR9:6509289	SSF x Near_LoA	-6,7503555	0,119	0,310
CHR9	6509293	CHR9:6509293	SSF x Near_LoA	-8,06466212	0,113	0,302
CHR9	6509429	CHR9:6509429	SSF x Near_LoA	-6,26531242	0,223	0,286
CHR9	6529130	CHR9:6529130	SSF x Near_LoA	-8,4855142	-0,051	0,324
CHR9	6529136	CHR9:6529136	SSF x Near_LoA	-8,22281691	-0,022	0,304
CHR9	6529220	CHR9:6529220	SSF x Near_LoA	-9,27225963	-0,041	0,314
CHR9	6529276	CHR9:6529276	SSF x Near_LoA	-9,6744223	0,183	0,300
CHR9	6529361	CHR9:6529361	SSF x Near_LoA	-10,5454518	0,061	0,293
CHR9	653250	CHR9:653250	SSF x Near_LoA	-8,96534135	-0,036	0,312
CHR9	6541690	CHR9:6541690	SSF x Near_LoA	-9,23389363	-0,076	0,307
CHR9	6541787	CHR9:6541787	SSF x Near_LoA	-9,29973151	0,041	0,310
CHR9	6568063	CHR9:6568063	SSF x Near_LoA	-9,05204984	0,023	0,307
CHR9	6568065	CHR9:6568065	SSF x Near_LoA	-9,60627422	0,002	0,328
CHR9	6573008	CHR9:6573008	SSF x Near_LoA	-11,3990137	0,072	0,289
CHR9	6573136	CHR9:6573136	SSF x Near_LoA	-10,8980577	0,043	0,316
CHR9	6586975	CHR9:6586975	SSF x Near_LoA	-10,998342	0,102	0,294
CHR9	6586981	CHR9:6586981	SSF x Near_LoA	-7,38742013	0,062	0,311
CHR9	6621047	CHR9:6621047	SSF x Near_LoA	-10,0021345	0,027	0,315
CHR9	6625917	CHR9:6625917	SSF x Near_LoA	-9,26283735	0,053	0,295
CHR9	6625952	CHR9:6625952	SSF x Near_LoA	-9,28335639	0,053	0,294
CHR9	6625957	CHR9:6625957	SSF x Near_LoA	-7,75368886	0,058	0,295
CHR9	6626077	CHR9:6626077	SSF x Near_LoA	-7,50304528	0,095	0,318
CHR9	6639022	CHR9:6639022	SSF x Near_LoA	-10,574388	-0,031	0,315
CHR9	6639043	CHR9:6639043	SSF x Near_LoA	-9,07411861	-0,038	0,324
CHR9	6639117	CHR9:6639117	SSF x Near_LoA	-11,4709621	-0,034	0,302
CHR9	6639141	CHR9:6639141	SSF x Near_LoA	-10,76573	0,065	0,298
CHR9	6639161	CHR9:6639161	SSF x Near_LoA	-8,65492123	0,052	0,305
CHR9	6642970	CHR9:6642970	SSF x Near_LoA	-5,90188798	-0,057	0,307
CHR9	6647689	CHR9:6647689	SSF x Near_LoA	-9,65666867	-0,005	0,303
CHR9	6647794	CHR9:6647794	SSF x Near_LoA	-8,95113581	0,023	0,304
CHR9	6647855	CHR9:6647855	SSF x Near_LoA	-8,84028517	-0,013	0,322
CHR9	6647881	CHR9:6647881	SSF x Near_LoA	-11,6712219	-0,008	0,297
CHR9	6658457	CHR9:6658457	SSF x Near_LoA	-8,59515304	0,091	0,304
CHR9	6664066	CHR9:6664066	SSF x Near_LoA	-10,8580965	-0,007	0,309
CHR9	6664172	CHR9:6664172	SSF x Near_LoA	-5,89012424	-0,061	0,313
CHR9	6664176	CHR9:6664176	SSF x Near_LoA	-8,97463134	0,109	0,310
CHR9	6664188	CHR9:6664188	SSF x Near_LoA	-7,76932624	0,131	0,312
CHR9	6667479	CHR9:6667479	SSF x Near_LoA	-10,2804294	0,000	0,311

CHR9	6667498	CHR9:6667498	SSF x Near_LoA	-8,50186309	-0,053	0,303
CHR9	6667532	CHR9:6667532	SSF x Near_LoA	-6,1332308	-0,015	0,317
CHR9	6673770	CHR9:6673770	SSF x Near_LoA	-7,82189924	-0,044	0,318
CHR9	6673779	CHR9:6673779	SSF x Near_LoA	-10,998296	-0,018	0,316
CHR9	6673862	CHR9:6673862	SSF x Near_LoA	-8,43702958	-0,014	0,309
CHR9	6673910	CHR9:6673910	SSF x Near_LoA	-11,1285164	0,025	0,315
CHR9	6673995	CHR9:6673995	SSF x Near_LoA	-8,9634667	0,054	0,300
CHR9	6674021	CHR9:6674021	SSF x Near_LoA	-8,76722689	0,034	0,313
CHR9	6674038	CHR9:6674038	SSF x Near_LoA	-8,34877475	-0,052	0,301
CHR9	667606	CHR9:667606	SSF x Near_LoA	-11,4228058	0,085	0,302
CHR9	667701	CHR9:667701	SSF x Near_LoA	-10,4999128	0,018	0,291
CHR9	6686735	CHR9:6686735	SSF x Near_LoA	-9,44663353	0,072	0,309
CHR9	6686772	CHR9:6686772	SSF x Near_LoA	-8,79804309	0,018	0,314
CHR9	6686787	CHR9:6686787	SSF x Near_LoA	-8,32885483	0,019	0,321
CHR9	6686791	CHR9:6686791	SSF x Near_LoA	-11,801435	0,083	0,298
CHR9	6686821	CHR9:6686821	SSF x Near_LoA	-11,6056631	0,080	0,293
CHR9	6686847	CHR9:6686847	SSF x Near_LoA	-9,45434945	0,039	0,317
CHR9	6692511	CHR9:6692511	SSF x Near_LoA	-9,38621426	0,004	0,306
CHR9	6696412	CHR9:6696412	SSF x Near_LoA	-10,0606673	-0,080	0,321
CHR9	6696437	CHR9:6696437	SSF x Near_LoA	-11,4664159	0,008	0,293
CHR9	6696458	CHR9:6696458	SSF x Near_LoA	-8,66689682	0,053	0,306
CHR9	6734023	CHR9:6734023	SSF x Near_LoA	-8,37012964	-0,006	0,313
CHR9	6741465	CHR9:6741465	SSF x Near_LoA	-7,98560399	-0,055	0,319
CHR9	6742006	CHR9:6742006	SSF x Near_LoA	-5,69464701	-0,187	0,296
CHR9	6742033	CHR9:6742033	SSF x Near_LoA	-6,94450583	-0,137	0,298
CHR9	6748223	CHR9:6748223	SSF x Near_LoA	-8,50097251	0,080	0,300
CHR9	6748287	CHR9:6748287	SSF x Near_LoA	-9,51562571	-0,013	0,313
CHR9	6750295	CHR9:6750295	SSF x Near_LoA	-6,98988261	-0,008	0,320
CHR9	6750388	CHR9:6750388	SSF x Near_LoA	-10,6331189	-0,086	0,299
CHR9	6766565	CHR9:6766565	SSF x Near_LoA	-8,25682772	0,061	0,317
CHR9	6775236	CHR9:6775236	SSF x Near_LoA	-8,81574697	0,110	0,302
CHR9	6782413	CHR9:6782413	SSF x Near_LoA	-6,17966174	0,130	0,314
CHR9	6788252	CHR9:6788252	SSF x Near_LoA	-8,37951205	0,112	0,309
CHR9	6788329	CHR9:6788329	SSF x Near_LoA	-8,65560048	0,029	0,301
CHR9	6798219	CHR9:6798219	SSF x Near_LoA	-7,88580875	0,047	0,290
CHR9	6798223	CHR9:6798223	SSF x Near_LoA	-9,78527874	-0,024	0,315
CHR9	6798236	CHR9:6798236	SSF x Near_LoA	-6,14648139	0,101	0,304
CHR9	6798336	CHR9:6798336	SSF x Near_LoA	-9,03034796	-0,054	0,324
CHR9	6798443	CHR9:6798443	SSF x Near_LoA	-8,29578857	0,062	0,314
CHR9	6798444	CHR9:6798444	SSF x Near_LoA	-9,78319469	0,068	0,303
CHR9	6801411	CHR9:6801411	SSF x Near_LoA	-10,3229837	0,079	0,306
CHR9	6801513	CHR9:6801513	SSF x Near_LoA	-8,44527997	0,078	0,297
CHR9	6802660	CHR9:6802660	SSF x Near_LoA	-8,11555552	-0,012	0,307
CHR9	6802739	CHR9:6802739	SSF x Near_LoA	-8,97610301	-0,019	0,310
CHR9	6802838	CHR9:6802838	SSF x Near_LoA	-10,2145196	0,034	0,311
CHR9	6802999	CHR9:6802999	SSF x Near_LoA	-11,7603732	0,035	0,302
CHR9	6813289	CHR9:6813289	SSF x Near_LoA	-10,7528843	0,010	0,318
CHR9	6821582	CHR9:6821582	SSF x Near_LoA	-11,2014479	-0,082	0,307
CHR9	6821638	CHR9:6821638	SSF x Near_LoA	-9,80674395	-0,006	0,309
CHR9	6821646	CHR9:6821646	SSF x Near_LoA	-9,55290572	-0,084	0,302
CHR9	6821649	CHR9:6821649	SSF x Near_LoA	-8,29069053	0,049	0,314
CHR9	6821653	CHR9:6821653	SSF x Near_LoA	-9,52962778	0,035	0,319
CHR9	6821674	CHR9:6821674	SSF x Near_LoA	-7,50168449	0,012	0,312

CHR9	6821680	CHR9:6821680	SSF x Near_LoA	0,90767196	-0,124	0,300
CHR9	6821693	CHR9:6821693	SSF x Near_LoA	-8,49745987	0,145	0,300
CHR9	6831281	CHR9:6831281	SSF x Near_LoA	-7,49448296	0,093	0,310
CHR9	6833222	CHR9:6833222	SSF x Near_LoA	-10,7624438	-0,042	0,306
CHR9	6833227	CHR9:6833227	SSF x Near_LoA	9,28090081	-0,135	0,305
CHR9	6833240	CHR9:6833240	SSF x Near_LoA	-11,325979	-0,023	0,277
CHR9	6833315	CHR9:6833315	SSF x Near_LoA	-8,74211593	-0,027	0,312
CHR9	6833317	CHR9:6833317	SSF x Near_LoA	-11,5290891	0,017	0,298
CHR9	6833406	CHR9:6833406	SSF x Near_LoA	-9,13352392	-0,007	0,289
CHR9	684435	CHR9:684435	SSF x Near_LoA	-8,86107245	-0,006	0,307
CHR9	684472	CHR9:684472	SSF x Near_LoA	-9,73162643	-0,002	0,315
CHR9	6846128	CHR9:6846128	SSF x Near_LoA	-8,96804464	-0,131	0,301
CHR9	6846202	CHR9:6846202	SSF x Near_LoA	-11,5971718	-0,107	0,289
CHR9	6846463	CHR9:6846463	SSF x Near_LoA	-10,0790919	-0,029	0,307
CHR9	685944	CHR9:685944	SSF x Near_LoA	-9,05054454	-0,054	0,310
CHR9	6863735	CHR9:6863735	SSF x Near_LoA	-9,21547963	0,023	0,296
CHR9	6863750	CHR9:6863750	SSF x Near_LoA	-8,63350677	-0,028	0,310
CHR9	6878388	CHR9:6878388	SSF x Near_LoA	-8,51103012	-0,076	0,319
CHR9	6878405	CHR9:6878405	SSF x Near_LoA	-9,45173565	0,051	0,301
CHR9	6878443	CHR9:6878443	SSF x Near_LoA	-9,29215491	0,000	0,312
CHR9	6891612	CHR9:6891612	SSF x Near_LoA	-9,75162921	-0,002	0,329
CHR9	6891621	CHR9:6891621	SSF x Near_LoA	-8,60311626	-0,028	0,321
CHR9	6891664	CHR9:6891664	SSF x Near_LoA	-10,6244724	0,083	0,304
CHR9	6913492	CHR9:6913492	SSF x Near_LoA	-11,0723311	0,115	0,314
CHR9	6913500	CHR9:6913500	SSF x Near_LoA	-8,46323781	-0,015	0,317
CHR9	6913537	CHR9:6913537	SSF x Near_LoA	-11,1120018	-0,046	0,309
CHR9	6913641	CHR9:6913641	SSF x Near_LoA	-9,10817617	0,059	0,302
CHR9	6913655	CHR9:6913655	SSF x Near_LoA	-6,22149632	0,160	0,299
CHR9	6918012	CHR9:6918012	SSF x Near_LoA	-9,90679937	-0,008	0,307
CHR9	6918236	CHR9:6918236	SSF x Near_LoA	-11,2532777	-0,021	0,298
CHR9	6924644	CHR9:6924644	SSF x Near_LoA	-9,00311758	0,043	0,309
CHR9	6924678	CHR9:6924678	SSF x Near_LoA	-10,3237649	-0,008	0,295
CHR9	693144	CHR9:693144	SSF x Near_LoA	-11,3755307	-0,032	0,303
CHR9	693372	CHR9:693372	SSF x Near_LoA	-10,3821104	-0,102	0,313
CHR9	693450	CHR9:693450	SSF x Near_LoA	-7,14247237	-0,035	0,309
CHR9	6935251	CHR9:6935251	SSF x Near_LoA	-8,9070963	0,082	0,298
CHR9	6935285	CHR9:6935285	SSF x Near_LoA	-6,05973542	-0,056	0,322
CHR9	6936595	CHR9:6936595	SSF x Near_LoA	-9,98273197	-0,020	0,314
CHR9	6943876	CHR9:6943876	SSF x Near_LoA	-9,8783996	-0,044	0,303
CHR9	6943900	CHR9:6943900	SSF x Near_LoA	-7,36979562	-0,037	0,311
CHR9	6943922	CHR9:6943922	SSF x Near_LoA	-7,82589151	-0,148	0,298
CHR9	6945624	CHR9:6945624	SSF x Near_LoA	-9,13998638	-0,122	0,296
CHR9	6945686	CHR9:6945686	SSF x Near_LoA	-1,59286069	-0,116	0,307
CHR9	6945688	CHR9:6945688	SSF x Near_LoA	-10,5988203	0,084	0,303
CHR9	6945815	CHR9:6945815	SSF x Near_LoA	-7,81091986	0,116	0,306
CHR9	6945818	CHR9:6945818	SSF x Near_LoA	-5,90590766	0,151	0,294
CHR9	6961607	CHR9:6961607	SSF x Near_LoA	-8,04471629	0,062	0,307
CHR9	6961653	CHR9:6961653	SSF x Near_LoA	-10,0366027	0,083	0,312
CHR9	6967650	CHR9:6967650	SSF x Near_LoA	-9,73788106	-0,066	0,316
CHR9	6973372	CHR9:6973372	SSF x Near_LoA	-10,5184061	0,016	0,285
CHR9	6973832	CHR9:6973832	SSF x Near_LoA	-6,7245353	0,003	0,313
CHR9	6975510	CHR9:6975510	SSF x Near_LoA	-9,44699758	0,059	0,289
CHR9	6975886	CHR9:6975886	SSF x Near_LoA	-10,7845349	0,047	0,306

CHR9	6975902	CHR9:6975902	SSF x Near_LoA	-11,2695229	-0,100	0,308
CHR9	6982050	CHR9:6982050	SSF x Near_LoA	-8,35899702	-0,075	0,311
CHR9	6982287	CHR9:6982287	SSF x Near_LoA	-9,03282666	-0,084	0,298
CHR9	6986446	CHR9:6986446	SSF x Near_LoA	-11,3463902	0,027	0,306
CHR9	6986540	CHR9:6986540	SSF x Near_LoA	-10,6273418	0,018	0,308
CHR9	6986596	CHR9:6986596	SSF x Near_LoA	-7,83630327	0,030	0,314
CHR9	6986713	CHR9:6986713	SSF x Near_LoA	-9,09582753	-0,038	0,319
CHR9	6989492	CHR9:6989492	SSF x Near_LoA	-7,40732356	-0,078	0,310
CHR9	6989538	CHR9:6989538	SSF x Near_LoA	-8,18750555	0,104	0,291
CHR9	6989578	CHR9:6989578	SSF x Near_LoA	-3,92325593	0,083	0,308
CHR9	6989596	CHR9:6989596	SSF x Near_LoA	-11,1683728	0,030	0,307
CHR9	6989630	CHR9:6989630	SSF x Near_LoA	-11,6551363	0,032	0,302
CHR9	6991281	CHR9:6991281	SSF x Near_LoA	-6,74179129	-0,140	0,303
CHR9	6991501	CHR9:6991501	SSF x Near_LoA	-10,7651866	0,055	0,301
CHR9	6998552	CHR9:6998552	SSF x Near_LoA	-9,53030987	0,044	0,303
CHR9	6998576	CHR9:6998576	SSF x Near_LoA	-4,45179977	-0,014	0,310
CHR9	6998652	CHR9:6998652	SSF x Near_LoA	-8,64436188	-0,045	0,316
CHR9	6998702	CHR9:6998702	SSF x Near_LoA	-8,06941942	-0,018	0,308
CHR9	7005898	CHR9:7005898	SSF x Near_LoA	-11,8056129	0,031	0,310
CHR9	7009362	CHR9:7009362	SSF x Near_LoA	-7,60076121	-0,069	0,318
CHR9	7009430	CHR9:7009430	SSF x Near_LoA	-8,75005374	0,057	0,310
CHR9	7009487	CHR9:7009487	SSF x Near_LoA	-8,48419729	-0,099	0,312
CHR9	7009509	CHR9:7009509	SSF x Near_LoA	-4,53762809	-0,117	0,315
CHR9	7009590	CHR9:7009590	SSF x Near_LoA	-10,2473327	0,085	0,306
CHR9	7023915	CHR9:7023915	SSF x Near_LoA	-8,86351789	-0,050	0,321
CHR9	7023938	CHR9:7023938	SSF x Near_LoA	-5,12969067	-0,032	0,323
CHR9	7028819	CHR9:7028819	SSF x Near_LoA	-8,84888722	0,160	0,303
CHR9	7029987	CHR9:7029987	SSF x Near_LoA	-11,0461088	-0,072	0,291
CHR9	7054376	CHR9:7054376	SSF x Near_LoA	-8,14226419	-0,093	0,312
CHR9	7054504	CHR9:7054504	SSF x Near_LoA	-8,08002129	0,090	0,317
CHR9	7054544	CHR9:7054544	SSF x Near_LoA	-8,62010672	0,093	0,304
CHR9	7054598	CHR9:7054598	SSF x Near_LoA	-9,86487802	-0,044	0,308
CHR9	7056795	CHR9:7056795	SSF x Near_LoA	-6,72825812	-0,115	0,314
CHR9	7056824	CHR9:7056824	SSF x Near_LoA	-6,69454563	-0,029	0,315
CHR9	7056930	CHR9:7056930	SSF x Near_LoA	-9,88718155	-0,019	0,317
CHR9	7056949	CHR9:7056949	SSF x Near_LoA	-9,12383968	0,099	0,294
CHR9	7062589	CHR9:7062589	SSF x Near_LoA	-10,3415892	0,035	0,314
CHR9	7062644	CHR9:7062644	SSF x Near_LoA	-8,47272118	-0,020	0,311
CHR9	7062646	CHR9:7062646	SSF x Near_LoA	-11,0691222	0,007	0,310
CHR9	7062662	CHR9:7062662	SSF x Near_LoA	-8,990257	0,071	0,308
CHR9	7062767	CHR9:7062767	SSF x Near_LoA	-9,75656145	0,024	0,291
CHR9	7065412	CHR9:7065412	SSF x Near_LoA	-10,3089597	-0,002	0,315
CHR9	7065437	CHR9:7065437	SSF x Near_LoA	-7,47621754	-0,069	0,308
CHR9	7065471	CHR9:7065471	SSF x Near_LoA	-10,8920136	-0,062	0,308
CHR9	7065496	CHR9:7065496	SSF x Near_LoA	-8,62212439	-0,071	0,307
CHR9	7065500	CHR9:7065500	SSF x Near_LoA	-9,00238896	0,032	0,292
CHR9	7065643	CHR9:7065643	SSF x Near_LoA	-8,57301215	0,012	0,305
CHR9	7071579	CHR9:7071579	SSF x Near_LoA	-7,29544156	-0,075	0,310
CHR9	7072456	CHR9:7072456	SSF x Near_LoA	-6,29018982	-0,127	0,318
CHR9	7072489	CHR9:7072489	SSF x Near_LoA	-9,03128137	-0,062	0,311
CHR9	7088428	CHR9:7088428	SSF x Near_LoA	-8,27054485	-0,015	0,304
CHR9	7088546	CHR9:7088546	SSF x Near_LoA	-9,21178985	-0,044	0,309
CHR9	7098802	CHR9:7098802	SSF x Near_LoA	-9,51408073	-0,084	0,320

CHR9	7117844	CHR9:7117844	SSF x Near_LoA	-8,70117574	-0,089	0,301
CHR9	7118052	CHR9:7118052	SSF x Near_LoA	-6,34580159	0,006	0,289
CHR9	7118058	CHR9:7118058	SSF x Near_LoA	-8,70859652	0,003	0,286
CHR9	7129385	CHR9:7129385	SSF x Near_LoA	-7,16639357	-0,022	0,318
CHR9	7129614	CHR9:7129614	SSF x Near_LoA	-7,28138906	-0,084	0,304
CHR9	7129721	CHR9:7129721	SSF x Near_LoA	-10,7149684	-0,026	0,318
CHR9	7149458	CHR9:7149458	SSF x Near_LoA	-8,52075937	0,060	0,314
CHR9	7149480	CHR9:7149480	SSF x Near_LoA	-8,92839469	0,049	0,304
CHR9	7149535	CHR9:7149535	SSF x Near_LoA	-3,10959724	-0,135	0,295
CHR9	7149551	CHR9:7149551	SSF x Near_LoA	-6,95822175	-0,170	0,299
CHR9	7149582	CHR9:7149582	SSF x Near_LoA	-7,96813983	-0,081	0,300
CHR9	7149933	CHR9:7149933	SSF x Near_LoA	-8,75146945	-0,058	0,314
CHR9	7156933	CHR9:7156933	SSF x Near_LoA	-9,20375925	-0,035	0,299
CHR9	7156946	CHR9:7156946	SSF x Near_LoA	-9,34463928	0,014	0,298
CHR9	7157064	CHR9:7157064	SSF x Near_LoA	-8,92628683	0,124	0,290
CHR9	7161236	CHR9:7161236	SSF x Near_LoA	-10,0956092	0,008	0,306
CHR9	7161404	CHR9:7161404	SSF x Near_LoA	-11,6356996	0,027	0,312
CHR9	7164803	CHR9:7164803	SSF x Near_LoA	-8,30035001	0,184	0,302
CHR9	7164813	CHR9:7164813	SSF x Near_LoA	-11,3941646	-0,010	0,316
CHR9	7164833	CHR9:7164833	SSF x Near_LoA	-7,44400413	0,184	0,299
CHR9	7164835	CHR9:7164835	SSF x Near_LoA	-1,02945173	0,210	0,300
CHR9	7164901	CHR9:7164901	SSF x Near_LoA	-10,0575437	-0,050	0,313
CHR9	7164913	CHR9:7164913	SSF x Near_LoA	-8,58492583	-0,002	0,319
CHR9	7164925	CHR9:7164925	SSF x Near_LoA	-11,2721128	0,011	0,310
CHR9	7165166	CHR9:7165166	SSF x Near_LoA	-10,1405704	-0,009	0,314
CHR9	7177644	CHR9:7177644	SSF x Near_LoA	-7,80884085	-0,012	0,304
CHR9	7177934	CHR9:7177934	SSF x Near_LoA	-9,27441281	-0,004	0,311
CHR9	7179428	CHR9:7179428	SSF x Near_LoA	-2,08545132	-0,042	0,306
CHR9	7184379	CHR9:7184379	SSF x Near_LoA	-9,14655361	-0,036	0,315
CHR9	7184418	CHR9:7184418	SSF x Near_LoA	-8,54192761	-0,023	0,310
CHR9	7184431	CHR9:7184431	SSF x Near_LoA	-7,50002626	-0,107	0,310
CHR9	7184432	CHR9:7184432	SSF x Near_LoA	-9,58353559	-0,138	0,301
CHR9	7184433	CHR9:7184433	SSF x Near_LoA	-9,87678398	-0,107	0,305
CHR9	7184436	CHR9:7184436	SSF x Near_LoA	-9,02085926	-0,114	0,305
CHR9	7184451	CHR9:7184451	SSF x Near_LoA	-9,62227613	-0,019	0,313
CHR9	7184500	CHR9:7184500	SSF x Near_LoA	-8,98223638	0,094	0,304
CHR9	7184501	CHR9:7184501	SSF x Near_LoA	-3,74063746	0,105	0,326
CHR9	7184510	CHR9:7184510	SSF x Near_LoA	-10,0785849	-0,017	0,316
CHR9	7184516	CHR9:7184516	SSF x Near_LoA	-8,09759216	0,040	0,312
CHR9	7184525	CHR9:7184525	SSF x Near_LoA	-7,95173735	0,133	0,299
CHR9	7184526	CHR9:7184526	SSF x Near_LoA	-9,59257455	-0,075	0,306
CHR9	7184530	CHR9:7184530	SSF x Near_LoA	-8,0388745	-0,126	0,291
CHR9	7184544	CHR9:7184544	SSF x Near_LoA	-8,37726482	-0,034	0,301
CHR9	7184552	CHR9:7184552	SSF x Near_LoA	-10,1523204	-0,046	0,315
CHR9	7184562	CHR9:7184562	SSF x Near_LoA	-6,59885665	-0,101	0,298
CHR9	7184598	CHR9:7184598	SSF x Near_LoA	-7,77967757	0,117	0,298
CHR9	7185408	CHR9:7185408	SSF x Near_LoA	-6,02820733	-0,185	0,299
CHR9	7185433	CHR9:7185433	SSF x Near_LoA	-9,56855576	-0,014	0,305
CHR9	7185455	CHR9:7185455	SSF x Near_LoA	-7,80474414	0,028	0,309
CHR9	7185493	CHR9:7185493	SSF x Near_LoA	-10,0507595	-0,041	0,308
CHR9	7194317	CHR9:7194317	SSF x Near_LoA	-9,9426578	-0,094	0,306
CHR9	7194397	CHR9:7194397	SSF x Near_LoA	-10,2746142	0,073	0,290
CHR9	7194815	CHR9:7194815	SSF x Near_LoA	-9,08344984	-0,091	0,306

CHR9	7194877	CHR9:7194877	SSF x Near_LoA	-10,2239568	-0,084	0,308
CHR9	7194915	CHR9:7194915	SSF x Near_LoA	-10,9832542	-0,010	0,301
CHR9	7194919	CHR9:7194919	SSF x Near_LoA	-12,3747371	-0,002	0,303
CHR9	7206063	CHR9:7206063	SSF x Near_LoA	-8,43094225	-0,048	0,317
CHR9	721001	CHR9:721001	SSF x Near_LoA	-10,9308399	0,043	0,304
CHR9	721087	CHR9:721087	SSF x Near_LoA	-7,77288421	0,040	0,306
CHR9	7218105	CHR9:7218105	SSF x Near_LoA	-10,3154805	-0,059	0,302
CHR9	7218110	CHR9:7218110	SSF x Near_LoA	-8,48376908	-0,026	0,311
CHR9	7218330	CHR9:7218330	SSF x Near_LoA	-8,4053082	0,035	0,324
CHR9	7218356	CHR9:7218356	SSF x Near_LoA	-9,79265748	-0,154	0,302
CHR9	7219917	CHR9:7219917	SSF x Near_LoA	-10,1336017	-0,058	0,301
CHR9	722216	CHR9:722216	SSF x Near_LoA	-9,4651166	-0,080	0,303
CHR9	7226163	CHR9:7226163	SSF x Near_LoA	-9,15631892	0,021	0,313
CHR9	7226175	CHR9:7226175	SSF x Near_LoA	-9,85828444	-0,082	0,294
CHR9	7229928	CHR9:7229928	SSF x Near_LoA	-11,6399203	0,079	0,299
CHR9	7230032	CHR9:7230032	SSF x Near_LoA	-5,62890565	0,104	0,309
CHR9	7230052	CHR9:7230052	SSF x Near_LoA	-10,9888452	-0,104	0,301
CHR9	7234403	CHR9:7234403	SSF x Near_LoA	-11,7002831	0,059	0,296
CHR9	7241165	CHR9:7241165	SSF x Near_LoA	-8,69500256	-0,056	0,298
CHR9	7241203	CHR9:7241203	SSF x Near_LoA	-12,1351447	-0,027	0,277
CHR9	7242903	CHR9:7242903	SSF x Near_LoA	-8,99902292	0,020	0,310
CHR9	7243002	CHR9:7243002	SSF x Near_LoA	-10,7835407	0,021	0,300
CHR9	7243009	CHR9:7243009	SSF x Near_LoA	-11,6582158	-0,029	0,309
CHR9	7249964	CHR9:7249964	SSF x Near_LoA	-5,55635715	0,153	0,293
CHR9	7250100	CHR9:7250100	SSF x Near_LoA	-7,37957295	0,124	0,301
CHR9	7250180	CHR9:7250180	SSF x Near_LoA	-9,81478922	-0,079	0,301
CHR9	7251160	CHR9:7251160	SSF x Near_LoA	-10,0099883	0,033	0,301
CHR9	7251181	CHR9:7251181	SSF x Near_LoA	-11,1832916	0,017	0,301
CHR9	7252735	CHR9:7252735	SSF x Near_LoA	-9,27075509	-0,072	0,312
CHR9	7252910	CHR9:7252910	SSF x Near_LoA	-10,9822381	-0,031	0,301
CHR9	7270053	CHR9:7270053	SSF x Near_LoA	-7,02483718	0,020	0,318
CHR9	7270246	CHR9:7270246	SSF x Near_LoA	-8,378354	-0,009	0,318
CHR9	7270286	CHR9:7270286	SSF x Near_LoA	-8,22749665	0,027	0,314
CHR9	7277780	CHR9:7277780	SSF x Near_LoA	-9,26302371	-0,119	0,298
CHR9	7277781	CHR9:7277781	SSF x Near_LoA	-9,8233088	0,085	0,301
CHR9	7277784	CHR9:7277784	SSF x Near_LoA	-9,61763066	-0,067	0,302
CHR9	7277822	CHR9:7277822	SSF x Near_LoA	-10,645409	0,002	0,309
CHR9	7277910	CHR9:7277910	SSF x Near_LoA	-7,85998219	0,024	0,304
CHR9	7278049	CHR9:7278049	SSF x Near_LoA	-9,74872209	0,043	0,316
CHR9	7286786	CHR9:7286786	SSF x Near_LoA	-7,76093569	-0,052	0,319
CHR9	728856	CHR9:728856	SSF x Near_LoA	-10,2360778	-0,031	0,313
CHR9	728859	CHR9:728859	SSF x Near_LoA	-6,46343977	0,045	0,298
CHR9	7290458	CHR9:7290458	SSF x Near_LoA	-8,68680805	-0,005	0,321
CHR9	7290500	CHR9:7290500	SSF x Near_LoA	-8,44480048	0,049	0,301
CHR9	7290599	CHR9:7290599	SSF x Near_LoA	-9,06838208	-0,105	0,308
CHR9	7290608	CHR9:7290608	SSF x Near_LoA	-8,60328865	-0,076	0,313
CHR9	7300047	CHR9:7300047	SSF x Near_LoA	-9,93449326	-0,116	0,296
CHR9	7300065	CHR9:7300065	SSF x Near_LoA	-8,10861575	-0,105	0,299
CHR9	7300069	CHR9:7300069	SSF x Near_LoA	-9,41883367	-0,086	0,296
CHR9	7300101	CHR9:7300101	SSF x Near_LoA	-10,2048381	-0,098	0,316
CHR9	7319687	CHR9:7319687	SSF x Near_LoA	-6,20664832	-0,059	0,299
CHR9	7319823	CHR9:7319823	SSF x Near_LoA	-9,91514331	0,024	0,316
CHR9	7319870	CHR9:7319870	SSF x Near_LoA	-8,19761726	-0,004	0,318

CHR9	7323636	CHR9:7323636	SSF x Near_LoA	-7,67204365	-0,139	0,295
CHR9	7323674	CHR9:7323674	SSF x Near_LoA	-11,7117793	-0,003	0,304
CHR9	7323761	CHR9:7323761	SSF x Near_LoA	-8,72156267	0,060	0,326
CHR9	7323822	CHR9:7323822	SSF x Near_LoA	-11,2830102	0,091	0,310
CHR9	7353769	CHR9:7353769	SSF x Near_LoA	-8,70633442	0,026	0,300
CHR9	7353820	CHR9:7353820	SSF x Near_LoA	-6,11102247	-0,102	0,302
CHR9	7353832	CHR9:7353832	SSF x Near_LoA	-10,7452981	-0,041	0,319
CHR9	7354837	CHR9:7354837	SSF x Near_LoA	-7,76425253	-0,104	0,299
CHR9	7356626	CHR9:7356626	SSF x Near_LoA	-8,17613817	0,111	0,292
CHR9	7362581	CHR9:7362581	SSF x Near_LoA	-6,68747408	-0,055	0,305
CHR9	7362614	CHR9:7362614	SSF x Near_LoA	-8,30984032	0,144	0,281
CHR9	7392377	CHR9:7392377	SSF x Near_LoA	-11,4111051	-0,015	0,313
CHR9	7392435	CHR9:7392435	SSF x Near_LoA	-10,4644829	0,043	0,317
CHR9	7392439	CHR9:7392439	SSF x Near_LoA	-10,9665401	-0,047	0,311
CHR9	7397006	CHR9:7397006	SSF x Near_LoA	-1,72004426	-0,122	0,307
CHR9	7397104	CHR9:7397104	SSF x Near_LoA	-5,90468789	0,221	0,294
CHR9	7397162	CHR9:7397162	SSF x Near_LoA	-8,5421482	0,110	0,304
CHR9	7397213	CHR9:7397213	SSF x Near_LoA	-12,131094	-0,063	0,292
CHR9	7413343	CHR9:7413343	SSF x Near_LoA	-10,0831577	-0,004	0,311
CHR9	7413372	CHR9:7413372	SSF x Near_LoA	-7,94987812	-0,034	0,312
CHR9	7413395	CHR9:7413395	SSF x Near_LoA	-10,3112165	0,138	0,290
CHR9	7413438	CHR9:7413438	SSF x Near_LoA	-8,63122248	0,113	0,313
CHR9	7413466	CHR9:7413466	SSF x Near_LoA	-10,6113863	0,065	0,294
CHR9	7416518	CHR9:7416518	SSF x Near_LoA	-8,04648743	-0,008	0,308
CHR9	7416542	CHR9:7416542	SSF x Near_LoA	-11,650017	-0,045	0,296
CHR9	7416560	CHR9:7416560	SSF x Near_LoA	-11,0615748	-0,065	0,305
CHR9	7416567	CHR9:7416567	SSF x Near_LoA	-10,3782218	-0,004	0,299
CHR9	7421786	CHR9:7421786	SSF x Near_LoA	-10,8224498	-0,049	0,312
CHR9	7421793	CHR9:7421793	SSF x Near_LoA	-10,9023648	-0,039	0,306
CHR9	7422752	CHR9:7422752	SSF x Near_LoA	-9,35407528	0,071	0,315
CHR9	7422769	CHR9:7422769	SSF x Near_LoA	-8,88221956	0,020	0,305
CHR9	7423123	CHR9:7423123	SSF x Near_LoA	-10,0336574	-0,126	0,302
CHR9	7423253	CHR9:7423253	SSF x Near_LoA	-9,81607266	-0,022	0,297
CHR9	7436018	CHR9:7436018	SSF x Near_LoA	-7,88123033	-0,036	0,315
CHR9	7439266	CHR9:7439266	SSF x Near_LoA	-8,259645	-0,147	0,307
CHR9	7439318	CHR9:7439318	SSF x Near_LoA	-6,83622506	0,060	0,310
CHR9	7439397	CHR9:7439397	SSF x Near_LoA	-9,17959223	-0,081	0,295
CHR9	7439425	CHR9:7439425	SSF x Near_LoA	-7,67440382	-0,026	0,306
CHR9	7439435	CHR9:7439435	SSF x Near_LoA	-9,48139584	-0,050	0,303
CHR9	7471084	CHR9:7471084	SSF x Near_LoA	-8,09549119	0,011	0,318
CHR9	7471166	CHR9:7471166	SSF x Near_LoA	-11,0462742	-0,085	0,313
CHR9	7471237	CHR9:7471237	SSF x Near_LoA	-6,46704758	-0,014	0,308
CHR9	7471283	CHR9:7471283	SSF x Near_LoA	-8,83271389	0,003	0,312
CHR9	7474098	CHR9:7474098	SSF x Near_LoA	-10,6250524	0,108	0,300
CHR9	7474178	CHR9:7474178	SSF x Near_LoA	-9,27924483	0,100	0,304
CHR9	7482079	CHR9:7482079	SSF x Near_LoA	-9,70389922	0,033	0,322
CHR9	7482099	CHR9:7482099	SSF x Near_LoA	-8,46613483	-0,022	0,302
CHR9	7482176	CHR9:7482176	SSF x Near_LoA	-9,17654351	0,034	0,312
CHR9	7482196	CHR9:7482196	SSF x Near_LoA	-6,84488175	0,085	0,315
CHR9	7482227	CHR9:7482227	SSF x Near_LoA	-6,43151911	-0,059	0,322
CHR9	7484241	CHR9:7484241	SSF x Near_LoA	-8,35674845	0,053	0,297
CHR9	7484246	CHR9:7484246	SSF x Near_LoA	-10,8706522	0,002	0,330
CHR9	7484361	CHR9:7484361	SSF x Near_LoA	-10,4983189	-0,025	0,314

CHR9	7484365	CHR9:7484365	SSF x Near_LoA	-10,4136787	-0,001	0,302
CHR9	7484379	CHR9:7484379	SSF x Near_LoA	-9,54777312	-0,119	0,311
CHR9	7488458	CHR9:7488458	SSF x Near_LoA	-10,3460536	-0,028	0,303
CHR9	7488572	CHR9:7488572	SSF x Near_LoA	-8,54066599	0,062	0,308
CHR9	7488591	CHR9:7488591	SSF x Near_LoA	-10,759183	-0,038	0,303
CHR9	7493232	CHR9:7493232	SSF x Near_LoA	-7,2033346	0,067	0,294
CHR9	7493273	CHR9:7493273	SSF x Near_LoA	-8,44177179	0,160	0,317
CHR9	7493451	CHR9:7493451	SSF x Near_LoA	-7,96312925	-0,127	0,310
CHR9	7497690	CHR9:7497690	SSF x Near_LoA	-10,788118	-0,030	0,318
CHR9	7503253	CHR9:7503253	SSF x Near_LoA	-8,71061176	-0,126	0,305
CHR9	7504045	CHR9:7504045	SSF x Near_LoA	-8,43007781	0,014	0,313
CHR9	7520778	CHR9:7520778	SSF x Near_LoA	-10,6309906	0,001	0,307
CHR9	7520980	CHR9:7520980	SSF x Near_LoA	-10,9791926	-0,002	0,312
CHR9	7521016	CHR9:7521016	SSF x Near_LoA	-11,6545909	-0,039	0,311
CHR9	7523829	CHR9:7523829	SSF x Near_LoA	-10,902225	0,070	0,316
CHR9	7524143	CHR9:7524143	SSF x Near_LoA	-7,68250953	-0,052	0,317
CHR9	7524207	CHR9:7524207	SSF x Near_LoA	-10,2660819	-0,099	0,309
CHR9	7533377	CHR9:7533377	SSF x Near_LoA	-12,2755365	-0,037	0,295
CHR9	7533448	CHR9:7533448	SSF x Near_LoA	0,2261185	0,102	0,303
CHR9	7533566	CHR9:7533566	SSF x Near_LoA	-10,9318612	-0,023	0,319
CHR9	7533733	CHR9:7533733	SSF x Near_LoA	-10,1385102	0,119	0,300
CHR9	7544342	CHR9:7544342	SSF x Near_LoA	-8,70345646	0,048	0,318
CHR9	7544384	CHR9:7544384	SSF x Near_LoA	-11,794708	0,034	0,299
CHR9	7544394	CHR9:7544394	SSF x Near_LoA	-9,24482162	-0,046	0,314
CHR9	7544455	CHR9:7544455	SSF x Near_LoA	-6,33587382	0,159	0,296
CHR9	7549653	CHR9:7549653	SSF x Near_LoA	-6,96605693	0,005	0,316
CHR9	7549689	CHR9:7549689	SSF x Near_LoA	-9,79402875	-0,017	0,305
CHR9	7549698	CHR9:7549698	SSF x Near_LoA	-0,66433894	0,055	0,317
CHR9	7549708	CHR9:7549708	SSF x Near_LoA	-9,64687491	-0,093	0,312
CHR9	7549749	CHR9:7549749	SSF x Near_LoA	-8,49140584	-0,072	0,305
CHR9	7549818	CHR9:7549818	SSF x Near_LoA	-11,088333	-0,038	0,314
CHR9	7549852	CHR9:7549852	SSF x Near_LoA	-7,7973589	-0,053	0,305
CHR9	7549862	CHR9:7549862	SSF x Near_LoA	-9,4011183	-0,039	0,300
CHR9	7549875	CHR9:7549875	SSF x Near_LoA	-9,49557101	0,011	0,314
CHR9	7557513	CHR9:7557513	SSF x Near_LoA	-3,18346765	-0,017	0,308
CHR9	7558879	CHR9:7558879	SSF x Near_LoA	-9,05625988	0,101	0,306
CHR9	7558883	CHR9:7558883	SSF x Near_LoA	-11,0194588	0,048	0,295
CHR9	7558889	CHR9:7558889	SSF x Near_LoA	-10,5105024	0,054	0,298
CHR9	7558914	CHR9:7558914	SSF x Near_LoA	-10,5537937	0,043	0,294
CHR9	7558956	CHR9:7558956	SSF x Near_LoA	-8,74567139	0,071	0,297
CHR9	7559002	CHR9:7559002	SSF x Near_LoA	-5,62655465	-0,148	0,312
CHR9	7561258	CHR9:7561258	SSF x Near_LoA	-10,0816837	-0,006	0,289
CHR9	7561413	CHR9:7561413	SSF x Near_LoA	-9,73927072	0,087	0,287
CHR9	7561540	CHR9:7561540	SSF x Near_LoA	-7,12918369	0,065	0,300
CHR9	7566071	CHR9:7566071	SSF x Near_LoA	-11,6479742	0,015	0,304
CHR9	7568855	CHR9:7568855	SSF x Near_LoA	-10,3262162	0,023	0,304
CHR9	7568857	CHR9:7568857	SSF x Near_LoA	-9,94394909	0,143	0,296
CHR9	7568858	CHR9:7568858	SSF x Near_LoA	-8,74337243	0,145	0,303
CHR9	7568907	CHR9:7568907	SSF x Near_LoA	-9,07180433	-0,026	0,319
CHR9	7568951	CHR9:7568951	SSF x Near_LoA	-9,41787597	-0,048	0,303
CHR9	7573608	CHR9:7573608	SSF x Near_LoA	-3,90083274	-0,169	0,297
CHR9	7573685	CHR9:7573685	SSF x Near_LoA	-10,4004579	0,144	0,302
CHR9	7573694	CHR9:7573694	SSF x Near_LoA	-8,83882054	0,002	0,316

CHR9	7578450	CHR9:7578450	SSF x Near_LoA	-7,62430478	-0,007	0,312
CHR9	7578470	CHR9:7578470	SSF x Near_LoA	-8,72060323	-0,037	0,316
CHR9	7578472	CHR9:7578472	SSF x Near_LoA	-7,19440392	-0,056	0,318
CHR9	7578474	CHR9:7578474	SSF x Near_LoA	-9,30892294	-0,047	0,297
CHR9	7578475	CHR9:7578475	SSF x Near_LoA	-9,23396061	-0,049	0,307
CHR9	7586836	CHR9:7586836	SSF x Near_LoA	-4,71400862	0,128	0,279
CHR9	7586845	CHR9:7586845	SSF x Near_LoA	-11,3294254	0,096	0,304
CHR9	7586955	CHR9:7586955	SSF x Near_LoA	-8,11078342	-0,029	0,298
CHR9	7587515	CHR9:7587515	SSF x Near_LoA	-9,95488208	-0,065	0,313
CHR9	7587588	CHR9:7587588	SSF x Near_LoA	-4,9201096	-0,068	0,296
CHR9	7587627	CHR9:7587627	SSF x Near_LoA	-8,52558603	0,027	0,310
CHR9	7587728	CHR9:7587728	SSF x Near_LoA	-10,023788	0,058	0,305
CHR9	7587752	CHR9:7587752	SSF x Near_LoA	-9,98022526	0,110	0,320
CHR9	7618778	CHR9:7618778	SSF x Near_LoA	-9,26746524	0,005	0,302
CHR9	7618953	CHR9:7618953	SSF x Near_LoA	-4,52656918	0,228	0,300
CHR9	7618957	CHR9:7618957	SSF x Near_LoA	-6,79636243	0,176	0,307
CHR9	7618991	CHR9:7618991	SSF x Near_LoA	-7,0726246	0,071	0,308
CHR9	7618994	CHR9:7618994	SSF x Near_LoA	-7,58849483	0,045	0,322
CHR9	7619031	CHR9:7619031	SSF x Near_LoA	-11,0404462	0,020	0,300
CHR9	7636222	CHR9:7636222	SSF x Near_LoA	-9,21942064	0,034	0,300
CHR9	7651497	CHR9:7651497	SSF x Near_LoA	-9,57417894	-0,101	0,323
CHR9	7668636	CHR9:7668636	SSF x Near_LoA	-8,21520162	-0,096	0,307
CHR9	7668648	CHR9:7668648	SSF x Near_LoA	-8,54853135	-0,042	0,307
CHR9	7670244	CHR9:7670244	SSF x Near_LoA	-8,46978812	-0,125	0,304
CHR9	7670734	CHR9:7670734	SSF x Near_LoA	-7,23947472	-0,143	0,294
CHR9	7677658	CHR9:7677658	SSF x Near_LoA	-11,3784383	-0,036	0,284
CHR9	7686802	CHR9:7686802	SSF x Near_LoA	-8,50480027	0,023	0,304
CHR9	7691140	CHR9:7691140	SSF x Near_LoA	-9,4896804	-0,017	0,308
CHR9	769144	CHR9:769144	SSF x Near_LoA	-8,63581882	0,000	0,303
CHR9	7694148	CHR9:7694148	SSF x Near_LoA	-10,3621483	-0,100	0,301
CHR9	7701249	CHR9:7701249	SSF x Near_LoA	-10,5082289	-0,077	0,302
CHR9	7701266	CHR9:7701266	SSF x Near_LoA	-11,5215918	-0,127	0,300
CHR9	770825	CHR9:770825	SSF x Near_LoA	-6,51888494	0,194	0,286
CHR9	770839	CHR9:770839	SSF x Near_LoA	-8,94208444	0,056	0,306
CHR9	7710271	CHR9:7710271	SSF x Near_LoA	-6,04443425	-0,114	0,308
CHR9	7710277	CHR9:7710277	SSF x Near_LoA	-8,80559813	-0,088	0,295
CHR9	7710290	CHR9:7710290	SSF x Near_LoA	-7,91359825	-0,088	0,306
CHR9	7710367	CHR9:7710367	SSF x Near_LoA	-7,65215317	-0,083	0,308
CHR9	7710448	CHR9:7710448	SSF x Near_LoA	-8,4684318	-0,091	0,300
CHR9	771845	CHR9:771845	SSF x Near_LoA	-9,25058842	-0,023	0,311
CHR9	7719892	CHR9:7719892	SSF x Near_LoA	-10,7584382	0,092	0,304
CHR9	7719986	CHR9:7719986	SSF x Near_LoA	-8,58519401	-0,077	0,294
CHR9	7719991	CHR9:7719991	SSF x Near_LoA	-8,16556092	-0,066	0,321
CHR9	7720075	CHR9:7720075	SSF x Near_LoA	-9,59967067	-0,015	0,314
CHR9	7720134	CHR9:7720134	SSF x Near_LoA	-8,82337449	0,007	0,305
CHR9	7725250	CHR9:7725250	SSF x Near_LoA	-9,94533604	-0,021	0,288
CHR9	7725258	CHR9:7725258	SSF x Near_LoA	-9,77360077	-0,051	0,303
CHR9	7728152	CHR9:7728152	SSF x Near_LoA	-9,0524424	0,023	0,298
CHR9	7728267	CHR9:7728267	SSF x Near_LoA	-7,57239673	0,137	0,309
CHR9	7728280	CHR9:7728280	SSF x Near_LoA	-6,83116783	-0,110	0,313
CHR9	7730815	CHR9:7730815	SSF x Near_LoA	-10,0062343	0,047	0,308
CHR9	7730863	CHR9:7730863	SSF x Near_LoA	-10,532253	-0,032	0,306
CHR9	7730926	CHR9:7730926	SSF x Near_LoA	-9,64019723	-0,063	0,298

CHR9	7731088	CHR9:7731088	SSF x Near_LoA	-10,629105	-0,046	0,314
CHR9	7732768	CHR9:7732768	SSF x Near_LoA	-9,01021974	0,040	0,300
CHR9	7732935	CHR9:7732935	SSF x Near_LoA	-9,21097316	-0,037	0,309
CHR9	7734699	CHR9:7734699	SSF x Near_LoA	-10,4654465	-0,091	0,307
CHR9	7734810	CHR9:7734810	SSF x Near_LoA	-10,7965047	-0,026	0,304
CHR9	7761219	CHR9:7761219	SSF x Near_LoA	-9,37974407	0,050	0,295
CHR9	7761237	CHR9:7761237	SSF x Near_LoA	-8,54189003	0,036	0,310
CHR9	7761282	CHR9:7761282	SSF x Near_LoA	-10,7545997	-0,010	0,307
CHR9	7761313	CHR9:7761313	SSF x Near_LoA	-10,3931904	0,047	0,302
CHR9	7768403	CHR9:7768403	SSF x Near_LoA	-9,38351493	-0,074	0,317
CHR9	7768454	CHR9:7768454	SSF x Near_LoA	-8,74206076	0,021	0,307
CHR9	7768461	CHR9:7768461	SSF x Near_LoA	-9,66119703	0,051	0,322
CHR9	7768471	CHR9:7768471	SSF x Near_LoA	-7,28822798	0,033	0,319
CHR9	7768483	CHR9:7768483	SSF x Near_LoA	-2,46466479	0,054	0,308
CHR9	7768512	CHR9:7768512	SSF x Near_LoA	-9,14291454	-0,017	0,322
CHR9	7769301	CHR9:7769301	SSF x Near_LoA	-9,08483713	0,056	0,305
CHR9	7769317	CHR9:7769317	SSF x Near_LoA	-9,48807366	-0,020	0,317
CHR9	7769318	CHR9:7769318	SSF x Near_LoA	-10,202736	-0,034	0,301
CHR9	7769327	CHR9:7769327	SSF x Near_LoA	-9,39556301	-0,074	0,312
CHR9	7770841	CHR9:7770841	SSF x Near_LoA	-11,6384133	0,071	0,302
CHR9	7771612	CHR9:7771612	SSF x Near_LoA	-8,07283938	-0,052	0,300
CHR9	7774375	CHR9:7774375	SSF x Near_LoA	-5,48835484	-0,130	0,299
CHR9	7774410	CHR9:7774410	SSF x Near_LoA	-9,73375964	0,111	0,290
CHR9	7813721	CHR9:7813721	SSF x Near_LoA	-7,74955616	-0,026	0,315
CHR9	7816298	CHR9:7816298	SSF x Near_LoA	-8,18788092	0,006	0,308
CHR9	7816520	CHR9:7816520	SSF x Near_LoA	-8,94130932	0,101	0,301
CHR9	7827241	CHR9:7827241	SSF x Near_LoA	-9,21380423	-0,022	0,309
CHR9	7827246	CHR9:7827246	SSF x Near_LoA	-9,23306677	-0,069	0,323
CHR9	7834090	CHR9:7834090	SSF x Near_LoA	-7,00401159	-0,190	0,312
CHR9	7834120	CHR9:7834120	SSF x Near_LoA	-4,40087007	0,008	0,313
CHR9	7834174	CHR9:7834174	SSF x Near_LoA	-10,8129345	-0,001	0,302
CHR9	7834362	CHR9:7834362	SSF x Near_LoA	-8,90932741	0,056	0,287
CHR9	784323	CHR9:784323	SSF x Near_LoA	-10,3789869	-0,084	0,313
CHR9	7845104	CHR9:7845104	SSF x Near_LoA	-9,61271587	0,046	0,305
CHR9	7845121	CHR9:7845121	SSF x Near_LoA	-9,95612769	-0,047	0,302
CHR9	7845142	CHR9:7845142	SSF x Near_LoA	-10,038815	0,048	0,305
CHR9	7845157	CHR9:7845157	SSF x Near_LoA	-2,35249463	-0,092	0,313
CHR9	7845173	CHR9:7845173	SSF x Near_LoA	-10,9236103	-0,040	0,309
CHR9	7845178	CHR9:7845178	SSF x Near_LoA	-11,7011931	-0,039	0,297
CHR9	7845256	CHR9:7845256	SSF x Near_LoA	-11,5267648	-0,032	0,304
CHR9	784526	CHR9:784526	SSF x Near_LoA	-6,92729677	-0,147	0,307
CHR9	7860596	CHR9:7860596	SSF x Near_LoA	-10,876653	0,029	0,304
CHR9	7860616	CHR9:7860616	SSF x Near_LoA	-8,64404547	0,048	0,312
CHR9	7860816	CHR9:7860816	SSF x Near_LoA	-7,29803217	0,121	0,308
CHR9	7860824	CHR9:7860824	SSF x Near_LoA	-10,7318033	0,109	0,304
CHR9	786169	CHR9:786169	SSF x Near_LoA	-9,22528825	0,015	0,313
CHR9	7872954	CHR9:7872954	SSF x Near_LoA	-9,5804047	-0,101	0,315
CHR9	7873153	CHR9:7873153	SSF x Near_LoA	-8,8173848	-0,017	0,309
CHR9	7873223	CHR9:7873223	SSF x Near_LoA	-10,9918441	0,037	0,302
CHR9	7874095	CHR9:7874095	SSF x Near_LoA	-4,42077026	0,106	0,313
CHR9	7877530	CHR9:7877530	SSF x Near_LoA	-9,91758578	-0,050	0,309
CHR9	7877596	CHR9:7877596	SSF x Near_LoA	-7,89721499	-0,046	0,315
CHR9	7877600	CHR9:7877600	SSF x Near_LoA	-11,0824481	-0,001	0,313

CHR9	7877601	CHR9:7877601	SSF x Near_LoA	-9,31844953	0,050	0,308
CHR9	7877722	CHR9:7877722	SSF x Near_LoA	-6,66561831	0,016	0,310
CHR9	7878968	CHR9:7878968	SSF x Near_LoA	-6,87987735	-0,113	0,304
CHR9	7878969	CHR9:7878969	SSF x Near_LoA	-5,56904722	-0,097	0,303
CHR9	7878990	CHR9:7878990	SSF x Near_LoA	-9,43436796	-0,027	0,308
CHR9	7879002	CHR9:7879002	SSF x Near_LoA	-7,13075649	-0,077	0,313
CHR9	7879009	CHR9:7879009	SSF x Near_LoA	-10,5675225	-0,064	0,296
CHR9	7879021	CHR9:7879021	SSF x Near_LoA	-7,69721756	-0,009	0,319
CHR9	7879052	CHR9:7879052	SSF x Near_LoA	-6,92930501	-0,050	0,305
CHR9	7879078	CHR9:7879078	SSF x Near_LoA	-9,51395667	-0,008	0,302
CHR9	7879109	CHR9:7879109	SSF x Near_LoA	-9,34699375	-0,074	0,304
CHR9	7879128	CHR9:7879128	SSF x Near_LoA	-11,9003612	-0,064	0,304
CHR9	7879139	CHR9:7879139	SSF x Near_LoA	-7,87991266	0,033	0,292
CHR9	7879265	CHR9:7879265	SSF x Near_LoA	-10,2165919	-0,067	0,330
CHR9	7879267	CHR9:7879267	SSF x Near_LoA	-10,0559946	-0,062	0,302
CHR9	7893189	CHR9:7893189	SSF x Near_LoA	-10,2340251	0,079	0,294
CHR9	7907549	CHR9:7907549	SSF x Near_LoA	-11,2074215	-0,024	0,303
CHR9	7907552	CHR9:7907552	SSF x Near_LoA	-9,75358088	0,044	0,307
CHR9	7908151	CHR9:7908151	SSF x Near_LoA	-9,08266081	0,003	0,315
CHR9	790870	CHR9:790870	SSF x Near_LoA	-10,9052675	-0,078	0,306
CHR9	7919148	CHR9:7919148	SSF x Near_LoA	-10,7924506	-0,065	0,312
CHR9	7919353	CHR9:7919353	SSF x Near_LoA	-6,67253598	0,221	0,300
CHR9	792479	CHR9:792479	SSF x Near_LoA	-10,8140497	0,059	0,308
CHR9	7937111	CHR9:7937111	SSF x Near_LoA	-9,48188742	-0,141	0,288
CHR9	7937132	CHR9:7937132	SSF x Near_LoA	-4,24493118	0,033	0,323
CHR9	7939949	CHR9:7939949	SSF x Near_LoA	-6,44151626	-0,085	0,290
CHR9	7946401	CHR9:7946401	SSF x Near_LoA	-10,4806279	-0,010	0,294
CHR9	7946505	CHR9:7946505	SSF x Near_LoA	-8,52829043	-0,091	0,316
CHR9	7946628	CHR9:7946628	SSF x Near_LoA	-9,89243563	0,080	0,304
CHR9	7946634	CHR9:7946634	SSF x Near_LoA	-9,76846952	0,099	0,311
CHR9	7946677	CHR9:7946677	SSF x Near_LoA	-11,10507	-0,044	0,302
CHR9	7952783	CHR9:7952783	SSF x Near_LoA	-9,31886743	0,102	0,309
CHR9	7952789	CHR9:7952789	SSF x Near_LoA	-7,2821823	0,038	0,310
CHR9	7964754	CHR9:7964754	SSF x Near_LoA	-8,13638844	0,101	0,311
CHR9	7964755	CHR9:7964755	SSF x Near_LoA	-8,44429043	0,061	0,302
CHR9	7964781	CHR9:7964781	SSF x Near_LoA	-10,325016	-0,060	0,306
CHR9	7964785	CHR9:7964785	SSF x Near_LoA	-9,13922612	-0,076	0,304
CHR9	7964792	CHR9:7964792	SSF x Near_LoA	-9,27881977	0,038	0,302
CHR9	7964831	CHR9:7964831	SSF x Near_LoA	-9,19918148	-0,001	0,306
CHR9	7964868	CHR9:7964868	SSF x Near_LoA	-8,68485698	0,011	0,304
CHR9	7964872	CHR9:7964872	SSF x Near_LoA	-6,53003842	-0,026	0,318
CHR9	7964880	CHR9:7964880	SSF x Near_LoA	-8,62283203	-0,002	0,306
CHR9	7964881	CHR9:7964881	SSF x Near_LoA	-9,31257464	-0,005	0,314
CHR9	7971456	CHR9:7971456	SSF x Near_LoA	-8,62356686	0,029	0,311
CHR9	7972270	CHR9:7972270	SSF x Near_LoA	-9,10698769	-0,039	0,301
CHR9	7979135	CHR9:7979135	SSF x Near_LoA	-8,24988936	-0,095	0,310
CHR9	7979208	CHR9:7979208	SSF x Near_LoA	-7,01939765	0,023	0,311
CHR9	7979219	CHR9:7979219	SSF x Near_LoA	-7,4071968	-0,096	0,300
CHR9	7979230	CHR9:7979230	SSF x Near_LoA	-5,43017746	-0,101	0,316
CHR9	7979242	CHR9:7979242	SSF x Near_LoA	-8,38298829	-0,103	0,303
CHR9	7979256	CHR9:7979256	SSF x Near_LoA	-9,23577695	0,032	0,321
CHR9	799186	CHR9:799186	SSF x Near_LoA	0,01321848	-0,064	0,321
CHR9	799190	CHR9:799190	SSF x Near_LoA	-11,1662067	0,013	0,301

CHR9	799226	CHR9:799226	SSF x Near_LoA	-10,7750479	0,091	0,293
CHR9	799231	CHR9:799231	SSF x Near_LoA	-10,1651813	0,017	0,311
CHR9	7995423	CHR9:7995423	SSF x Near_LoA	-11,189475	0,010	0,311
CHR9	7996907	CHR9:7996907	SSF x Near_LoA	-8,12941114	0,029	0,303
CHR9	7996940	CHR9:7996940	SSF x Near_LoA	-9,67805719	-0,016	0,305
CHR9	7996947	CHR9:7996947	SSF x Near_LoA	-10,9071894	-0,034	0,303
CHR9	7996956	CHR9:7996956	SSF x Near_LoA	-11,1925707	-0,007	0,307
CHR9	7996982	CHR9:7996982	SSF x Near_LoA	-11,7972056	-0,042	0,302
CHR9	7996983	CHR9:7996983	SSF x Near_LoA	-8,2811845	0,083	0,314
CHR9	7996984	CHR9:7996984	SSF x Near_LoA	-9,18138632	-0,009	0,316
CHR9	7997008	CHR9:7997008	SSF x Near_LoA	-9,21456523	-0,042	0,310
CHR9	7997012	CHR9:7997012	SSF x Near_LoA	-9,30697798	-0,021	0,296
CHR9	7997014	CHR9:7997014	SSF x Near_LoA	-9,47400024	0,022	0,306
CHR9	7997109	CHR9:7997109	SSF x Near_LoA	-11,1818659	-0,001	0,316
CHR9	7997171	CHR9:7997171	SSF x Near_LoA	-6,1473935	0,027	0,320
CHR9	802408	CHR9:802408	SSF x Near_LoA	-11,3086157	0,041	0,305
CHR9	8025322	CHR9:8025322	SSF x Near_LoA	-10,0605708	0,061	0,310
CHR9	8025325	CHR9:8025325	SSF x Near_LoA	-8,37160702	-0,089	0,310
CHR9	802607	CHR9:802607	SSF x Near_LoA	-10,8006509	0,091	0,301
CHR9	8029472	CHR9:8029472	SSF x Near_LoA	-8,40712701	-0,048	0,323
CHR9	8029491	CHR9:8029491	SSF x Near_LoA	-8,93277588	-0,050	0,297
CHR9	8029495	CHR9:8029495	SSF x Near_LoA	-8,68507145	-0,006	0,302
CHR9	8029496	CHR9:8029496	SSF x Near_LoA	-6,5630719	-0,151	0,309
CHR9	8029503	CHR9:8029503	SSF x Near_LoA	-7,93559618	-0,001	0,312
CHR9	8029513	CHR9:8029513	SSF x Near_LoA	-11,5535731	0,070	0,315
CHR9	8029533	CHR9:8029533	SSF x Near_LoA	-10,856714	-0,008	0,312
CHR9	8029545	CHR9:8029545	SSF x Near_LoA	-8,87086007	-0,028	0,319
CHR9	8029560	CHR9:8029560	SSF x Near_LoA	-8,89574647	-0,045	0,313
CHR9	8029711	CHR9:8029711	SSF x Near_LoA	-11,8664798	-0,070	0,315
CHR9	8037808	CHR9:8037808	SSF x Near_LoA	-10,8420433	0,049	0,308
CHR9	8037941	CHR9:8037941	SSF x Near_LoA	-7,06688699	-0,125	0,306
CHR9	8037959	CHR9:8037959	SSF x Near_LoA	-8,52327992	0,047	0,316
CHR9	8044439	CHR9:8044439	SSF x Near_LoA	-9,41883489	0,129	0,299
CHR9	8044455	CHR9:8044455	SSF x Near_LoA	-8,68696229	-0,048	0,303
CHR9	8044461	CHR9:8044461	SSF x Near_LoA	-8,78020308	0,000	0,297
CHR9	8044530	CHR9:8044530	SSF x Near_LoA	-7,15833113	0,074	0,321
CHR9	8044536	CHR9:8044536	SSF x Near_LoA	-11,0622463	-0,013	0,310
CHR9	8044538	CHR9:8044538	SSF x Near_LoA	-11,5130607	-0,028	0,313
CHR9	8044659	CHR9:8044659	SSF x Near_LoA	-7,70606563	0,083	0,301
CHR9	8044665	CHR9:8044665	SSF x Near_LoA	-7,27623788	0,076	0,296
CHR9	8044673	CHR9:8044673	SSF x Near_LoA	-7,87191055	0,091	0,306
CHR9	8044716	CHR9:8044716	SSF x Near_LoA	-8,17815237	-0,039	0,318
CHR9	804506	CHR9:804506	SSF x Near_LoA	-8,39922259	0,033	0,318
CHR9	804537	CHR9:804537	SSF x Near_LoA	-8,72827294	-0,024	0,315
CHR9	8054891	CHR9:8054891	SSF x Near_LoA	-5,58024782	-0,153	0,291
CHR9	8054919	CHR9:8054919	SSF x Near_LoA	-8,93285137	0,058	0,316
CHR9	8054973	CHR9:8054973	SSF x Near_LoA	-9,25310019	-0,084	0,291
CHR9	8062952	CHR9:8062952	SSF x Near_LoA	-9,44863797	0,111	0,301
CHR9	8062958	CHR9:8062958	SSF x Near_LoA	-9,74350673	-0,043	0,301
CHR9	8064973	CHR9:8064973	SSF x Near_LoA	5,94247509	-0,164	0,312
CHR9	8064979	CHR9:8064979	SSF x Near_LoA	-6,06415088	-0,154	0,290
CHR9	8064996	CHR9:8064996	SSF x Near_LoA	-12,0292751	-0,046	0,306
CHR9	8065058	CHR9:8065058	SSF x Near_LoA	-9,14064836	-0,013	0,318

CHR9	8065071	CHR9:8065071	SSF x Near_LoA	-10,2280856	-0,016	0,309
CHR9	8065074	CHR9:8065074	SSF x Near_LoA	-9,26553785	0,046	0,312
CHR9	8071658	CHR9:8071658	SSF x Near_LoA	-10,0850445	0,107	0,302
CHR9	8071746	CHR9:8071746	SSF x Near_LoA	-10,2289849	0,015	0,306
CHR9	8073697	CHR9:8073697	SSF x Near_LoA	-11,3773433	-0,014	0,310
CHR9	8075862	CHR9:8075862	SSF x Near_LoA	-4,89893315	-0,005	0,318
CHR9	8075902	CHR9:8075902	SSF x Near_LoA	4,32807901	0,178	0,306
CHR9	8075908	CHR9:8075908	SSF x Near_LoA	-5,23753042	0,209	0,290
CHR9	8075913	CHR9:8075913	SSF x Near_LoA	-7,12532405	-0,093	0,307
CHR9	8075932	CHR9:8075932	SSF x Near_LoA	-6,50446298	-0,117	0,308
CHR9	8075943	CHR9:8075943	SSF x Near_LoA	-6,88058304	0,014	0,314
CHR9	8075964	CHR9:8075964	SSF x Near_LoA	-9,90707879	-0,033	0,323
CHR9	8075999	CHR9:8075999	SSF x Near_LoA	-10,7466808	-0,006	0,320
CHR9	8076122	CHR9:8076122	SSF x Near_LoA	-9,92087872	-0,009	0,305
CHR9	8077564	CHR9:8077564	SSF x Near_LoA	-10,1314986	-0,046	0,295
CHR9	8086021	CHR9:8086021	SSF x Near_LoA	-2,53582519	0,260	0,291
CHR9	8086022	CHR9:8086022	SSF x Near_LoA	1,86750426	0,241	0,294
CHR9	8086168	CHR9:8086168	SSF x Near_LoA	-5,88871149	0,238	0,287
CHR9	810746	CHR9:810746	SSF x Near_LoA	-8,92162863	-0,114	0,298
CHR9	810796	CHR9:810796	SSF x Near_LoA	-9,30321199	-0,061	0,304
CHR9	810833	CHR9:810833	SSF x Near_LoA	-8,7953473	-0,098	0,301
CHR9	8108767	CHR9:8108767	SSF x Near_LoA	-11,2248292	0,034	0,298
CHR9	8109899	CHR9:8109899	SSF x Near_LoA	-9,90437246	-0,089	0,294
CHR9	8109992	CHR9:8109992	SSF x Near_LoA	-10,416184	-0,010	0,297
CHR9	8110006	CHR9:8110006	SSF x Near_LoA	-8,98134152	-0,019	0,304
CHR9	8110095	CHR9:8110095	SSF x Near_LoA	-8,79005803	0,088	0,308
CHR9	8114609	CHR9:8114609	SSF x Near_LoA	-5,38238417	-0,105	0,317
CHR9	8114651	CHR9:8114651	SSF x Near_LoA	-7,45235983	0,146	0,297
CHR9	8114720	CHR9:8114720	SSF x Near_LoA	-9,41852646	0,168	0,279
CHR9	8114813	CHR9:8114813	SSF x Near_LoA	-7,22925495	-0,051	0,329
CHR9	814215	CHR9:814215	SSF x Near_LoA	-9,07541778	0,012	0,311
CHR9	814296	CHR9:814296	SSF x Near_LoA	-7,95892669	0,043	0,312
CHR9	814303	CHR9:814303	SSF x Near_LoA	-8,62078687	0,009	0,302
CHR9	814322	CHR9:814322	SSF x Near_LoA	-9,15252896	-0,029	0,302
CHR9	8165332	CHR9:8165332	SSF x Near_LoA	-9,99378249	0,020	0,310
CHR9	816636	CHR9:816636	SSF x Near_LoA	-9,26234689	0,111	0,298
CHR9	816786	CHR9:816786	SSF x Near_LoA	-7,74036313	-0,031	0,302
CHR9	8183607	CHR9:8183607	SSF x Near_LoA	-7,47709575	-0,149	0,280
CHR9	8183647	CHR9:8183647	SSF x Near_LoA	-11,7053052	0,018	0,309
CHR9	8190956	CHR9:8190956	SSF x Near_LoA	-8,94578414	-0,141	0,299
CHR9	8190957	CHR9:8190957	SSF x Near_LoA	-8,85974049	-0,166	0,304
CHR9	8190959	CHR9:8190959	SSF x Near_LoA	-5,86865461	0,137	0,302
CHR9	8191005	CHR9:8191005	SSF x Near_LoA	-10,571265	0,018	0,299
CHR9	8191114	CHR9:8191114	SSF x Near_LoA	-10,2847174	0,040	0,300
CHR9	8191147	CHR9:8191147	SSF x Near_LoA	-9,47280528	-0,042	0,304
CHR9	8191181	CHR9:8191181	SSF x Near_LoA	-8,84365469	0,020	0,312
CHR9	8191245	CHR9:8191245	SSF x Near_LoA	-11,196145	-0,053	0,304
CHR9	8193498	CHR9:8193498	SSF x Near_LoA	-9,94719915	0,035	0,313
CHR9	8193664	CHR9:8193664	SSF x Near_LoA	-9,78298808	-0,069	0,299
CHR9	8193697	CHR9:8193697	SSF x Near_LoA	-6,60486743	0,040	0,313
CHR9	8193708	CHR9:8193708	SSF x Near_LoA	-7,82077116	0,038	0,313
CHR9	8195562	CHR9:8195562	SSF x Near_LoA	-9,58926736	0,074	0,312
CHR9	8195621	CHR9:8195621	SSF x Near_LoA	-4,64795697	-0,182	0,319

CHR9	8195696	CHR9:8195696	SSF x Near_LoA	-9,78633581	-0,028	0,310
CHR9	8197829	CHR9:8197829	SSF x Near_LoA	-5,55706256	-0,044	0,315
CHR9	8197833	CHR9:8197833	SSF x Near_LoA	-8,96865121	-0,098	0,296
CHR9	8197873	CHR9:8197873	SSF x Near_LoA	-7,2934644	0,102	0,307
CHR9	8197933	CHR9:8197933	SSF x Near_LoA	-7,98148726	0,119	0,299
CHR9	8197939	CHR9:8197939	SSF x Near_LoA	-5,52526203	-0,062	0,300
CHR9	8197947	CHR9:8197947	SSF x Near_LoA	-12,383955	-0,025	0,308
CHR9	8207894	CHR9:8207894	SSF x Near_LoA	-8,70251743	-0,008	0,321
CHR9	8218259	CHR9:8218259	SSF x Near_LoA	-8,33217731	-0,110	0,310
CHR9	8218354	CHR9:8218354	SSF x Near_LoA	-10,7696232	-0,100	0,306
CHR9	8218373	CHR9:8218373	SSF x Near_LoA	-7,36412732	-0,027	0,309
CHR9	8218393	CHR9:8218393	SSF x Near_LoA	-10,1664392	0,026	0,323
CHR9	8219681	CHR9:8219681	SSF x Near_LoA	-10,4322329	-0,035	0,307
CHR9	8219688	CHR9:8219688	SSF x Near_LoA	-5,99353846	-0,002	0,301
CHR9	8219730	CHR9:8219730	SSF x Near_LoA	-9,17435145	0,114	0,291
CHR9	8219865	CHR9:8219865	SSF x Near_LoA	-11,3884044	0,039	0,313
CHR9	8221875	CHR9:8221875	SSF x Near_LoA	-9,49361516	-0,024	0,298
CHR9	8221890	CHR9:8221890	SSF x Near_LoA	-8,40663494	-0,018	0,304
CHR9	8221906	CHR9:8221906	SSF x Near_LoA	-7,55947474	0,102	0,303
CHR9	8221925	CHR9:8221925	SSF x Near_LoA	-9,98082007	0,123	0,304
CHR9	8221932	CHR9:8221932	SSF x Near_LoA	-2,90367199	0,000	0,311
CHR9	8231699	CHR9:8231699	SSF x Near_LoA	-9,32417127	-0,088	0,313
CHR9	8231861	CHR9:8231861	SSF x Near_LoA	-8,77502846	-0,071	0,319
CHR9	8244238	CHR9:8244238	SSF x Near_LoA	-9,30969687	0,160	0,302
CHR9	8244315	CHR9:8244315	SSF x Near_LoA	-10,5034278	-0,020	0,318
CHR9	8244404	CHR9:8244404	SSF x Near_LoA	-7,12638828	0,136	0,303
CHR9	8244608	CHR9:8244608	SSF x Near_LoA	-11,5061074	0,023	0,313
CHR9	8244624	CHR9:8244624	SSF x Near_LoA	-6,64636007	-0,131	0,311
CHR9	8248234	CHR9:8248234	SSF x Near_LoA	-8,14966314	0,038	0,308
CHR9	8248398	CHR9:8248398	SSF x Near_LoA	-10,9732473	-0,085	0,298
CHR9	8248426	CHR9:8248426	SSF x Near_LoA	-10,9223397	-0,064	0,306
CHR9	8250379	CHR9:8250379	SSF x Near_LoA	-7,20173097	-0,015	0,315
CHR9	8250423	CHR9:8250423	SSF x Near_LoA	-11,318801	0,037	0,308
CHR9	8250440	CHR9:8250440	SSF x Near_LoA	-11,1722363	-0,034	0,307
CHR9	8250601	CHR9:8250601	SSF x Near_LoA	-9,18448521	0,062	0,307
CHR9	8275148	CHR9:8275148	SSF x Near_LoA	-10,3768284	-0,039	0,306
CHR9	8276530	CHR9:8276530	SSF x Near_LoA	-10,1332514	0,108	0,296
CHR9	8276538	CHR9:8276538	SSF x Near_LoA	-9,43029553	-0,004	0,315
CHR9	8279959	CHR9:8279959	SSF x Near_LoA	-8,39512121	-0,061	0,317
CHR9	8280058	CHR9:8280058	SSF x Near_LoA	-8,80342577	-0,117	0,309
CHR9	8292320	CHR9:8292320	SSF x Near_LoA	-6,60261845	-0,081	0,307
CHR9	8302476	CHR9:8302476	SSF x Near_LoA	-11,9958264	-0,060	0,307
CHR9	8303713	CHR9:8303713	SSF x Near_LoA	-10,3204208	0,001	0,307
CHR9	8303726	CHR9:8303726	SSF x Near_LoA	-10,0534376	0,005	0,316
CHR9	8314857	CHR9:8314857	SSF x Near_LoA	-9,32929749	0,018	0,311
CHR9	8314932	CHR9:8314932	SSF x Near_LoA	-6,81408054	0,094	0,314
CHR9	8314951	CHR9:8314951	SSF x Near_LoA	-8,78177384	-0,025	0,293
CHR9	834611	CHR9:834611	SSF x Near_LoA	-5,64864384	0,049	0,319
CHR9	834704	CHR9:834704	SSF x Near_LoA	-11,5382451	0,117	0,296
CHR9	834776	CHR9:834776	SSF x Near_LoA	-10,5733458	0,015	0,327
CHR9	8354241	CHR9:8354241	SSF x Near_LoA	-8,70237386	0,057	0,308
CHR9	8356279	CHR9:8356279	SSF x Near_LoA	-7,03425082	-0,065	0,313
CHR9	839070	CHR9:839070	SSF x Near_LoA	-9,06813168	0,113	0,305

CHR9	839072	CHR9:839072	SSF x Near_LoA	-10,7388561	0,031	0,306
CHR9	839113	CHR9:839113	SSF x Near_LoA	-8,6914147	0,101	0,309
CHR9	839141	CHR9:839141	SSF x Near_LoA	-8,97505594	-0,047	0,319
CHR9	8401463	CHR9:8401463	SSF x Near_LoA	-9,87846884	-0,001	0,308
CHR9	8401515	CHR9:8401515	SSF x Near_LoA	-7,63485955	-0,071	0,310
CHR9	8406622	CHR9:8406622	SSF x Near_LoA	-8,43921061	0,030	0,286
CHR9	8406647	CHR9:8406647	SSF x Near_LoA	-7,91851072	0,002	0,294
CHR9	8406736	CHR9:8406736	SSF x Near_LoA	-0,99649519	0,151	0,301
CHR9	8406743	CHR9:8406743	SSF x Near_LoA	-6,70566764	0,142	0,303
CHR9	8408557	CHR9:8408557	SSF x Near_LoA	-8,62820339	0,071	0,303
CHR9	8408593	CHR9:8408593	SSF x Near_LoA	-11,4942203	-0,025	0,309
CHR9	8408713	CHR9:8408713	SSF x Near_LoA	-9,58615348	0,022	0,303
CHR9	8410999	CHR9:8410999	SSF x Near_LoA	-6,54009104	-0,188	0,290
CHR9	8411078	CHR9:8411078	SSF x Near_LoA	-8,04616194	-0,208	0,303
CHR9	8411137	CHR9:8411137	SSF x Near_LoA	-9,78822073	-0,052	0,310
CHR9	8411182	CHR9:8411182	SSF x Near_LoA	1,82100982	-0,118	0,304
CHR9	8418308	CHR9:8418308	SSF x Near_LoA	-9,03155829	0,065	0,298
CHR9	8418417	CHR9:8418417	SSF x Near_LoA	-8,59489536	0,072	0,308
CHR9	8418421	CHR9:8418421	SSF x Near_LoA	-9,78551047	0,091	0,296
CHR9	8425530	CHR9:8425530	SSF x Near_LoA	-8,69394361	0,007	0,307
CHR9	8425646	CHR9:8425646	SSF x Near_LoA	-9,7232159	0,013	0,303
CHR9	8425666	CHR9:8425666	SSF x Near_LoA	-8,79119533	0,079	0,302
CHR9	8433338	CHR9:8433338	SSF x Near_LoA	-8,59269423	0,092	0,292
CHR9	8433379	CHR9:8433379	SSF x Near_LoA	-8,00804924	-0,050	0,325
CHR9	8438267	CHR9:8438267	SSF x Near_LoA	-7,72767131	-0,056	0,316
CHR9	8452054	CHR9:8452054	SSF x Near_LoA	-9,17282695	-0,024	0,313
CHR9	8452081	CHR9:8452081	SSF x Near_LoA	-8,53735828	-0,037	0,315
CHR9	8452536	CHR9:8452536	SSF x Near_LoA	-10,7636285	0,061	0,304
CHR9	8453075	CHR9:8453075	SSF x Near_LoA	-8,15308987	-0,055	0,305
CHR9	8472188	CHR9:8472188	SSF x Near_LoA	-5,96359009	0,009	0,311
CHR9	8484661	CHR9:8484661	SSF x Near_LoA	-9,4428586	-0,014	0,320
CHR9	848727	CHR9:848727	SSF x Near_LoA	-11,2417062	0,024	0,301
CHR9	8491849	CHR9:8491849	SSF x Near_LoA	-10,042394	-0,029	0,303
CHR9	8491862	CHR9:8491862	SSF x Near_LoA	-10,9819008	-0,041	0,316
CHR9	8491951	CHR9:8491951	SSF x Near_LoA	4,12357554	0,127	0,290
CHR9	8492032	CHR9:8492032	SSF x Near_LoA	-10,8570047	0,099	0,300
CHR9	8505341	CHR9:8505341	SSF x Near_LoA	-10,0621925	0,011	0,311
CHR9	851460	CHR9:851460	SSF x Near_LoA	-8,74035201	-0,020	0,309
CHR9	851495	CHR9:851495	SSF x Near_LoA	-7,30090803	-0,113	0,310
CHR9	851604	CHR9:851604	SSF x Near_LoA	-7,39394308	-0,192	0,295
CHR9	8541040	CHR9:8541040	SSF x Near_LoA	-9,67557679	-0,071	0,300
CHR9	8541041	CHR9:8541041	SSF x Near_LoA	-3,02417012	-0,042	0,305
CHR9	8541149	CHR9:8541149	SSF x Near_LoA	-10,1162957	0,001	0,309
CHR9	8542464	CHR9:8542464	SSF x Near_LoA	-9,84037203	-0,117	0,318
CHR9	8551737	CHR9:8551737	SSF x Near_LoA	-9,72107171	-0,037	0,321
CHR9	8551793	CHR9:8551793	SSF x Near_LoA	-9,33457952	-0,029	0,307
CHR9	8551818	CHR9:8551818	SSF x Near_LoA	0,34544387	0,218	0,291
CHR9	8551898	CHR9:8551898	SSF x Near_LoA	-9,75585329	0,077	0,305
CHR9	8551908	CHR9:8551908	SSF x Near_LoA	-1,17017523	-0,136	0,308
CHR9	8551939	CHR9:8551939	SSF x Near_LoA	-8,62885063	0,082	0,296
CHR9	8551967	CHR9:8551967	SSF x Near_LoA	-6,80249892	0,077	0,296
CHR9	8551975	CHR9:8551975	SSF x Near_LoA	-7,95238011	0,079	0,312
CHR9	8555378	CHR9:8555378	SSF x Near_LoA	-9,73792744	0,003	0,306

CHR9	8555446	CHR9:8555446	SSF x Near_LoA	-10,5636137	-0,012	0,311
CHR9	8567073	CHR9:8567073	SSF x Near_LoA	-0,81904594	-0,205	0,309
CHR9	8567123	CHR9:8567123	SSF x Near_LoA	-11,3372603	0,041	0,309
CHR9	8578217	CHR9:8578217	SSF x Near_LoA	-9,66291605	-0,060	0,301
CHR9	8578267	CHR9:8578267	SSF x Near_LoA	-10,0083227	0,004	0,316
CHR9	8578303	CHR9:8578303	SSF x Near_LoA	-3,5248102	-0,091	0,312
CHR9	8578341	CHR9:8578341	SSF x Near_LoA	-10,5690752	-0,086	0,308
CHR9	8585197	CHR9:8585197	SSF x Near_LoA	-8,27170698	-0,037	0,307
CHR9	8585205	CHR9:8585205	SSF x Near_LoA	-7,2661044	-0,058	0,314
CHR9	8585236	CHR9:8585236	SSF x Near_LoA	-10,0149609	-0,100	0,307
CHR9	8585267	CHR9:8585267	SSF x Near_LoA	-7,25954793	0,061	0,317
CHR9	8585291	CHR9:8585291	SSF x Near_LoA	-8,56775812	0,100	0,321
CHR9	8585311	CHR9:8585311	SSF x Near_LoA	-6,22706493	0,070	0,309
CHR9	8585317	CHR9:8585317	SSF x Near_LoA	-4,08508627	0,105	0,307
CHR9	858552	CHR9:858552	SSF x Near_LoA	-7,40562091	-0,013	0,302
CHR9	8593381	CHR9:8593381	SSF x Near_LoA	-8,47030129	0,138	0,304
CHR9	8594536	CHR9:8594536	SSF x Near_LoA	-7,63464571	-0,045	0,311
CHR9	8594763	CHR9:8594763	SSF x Near_LoA	-8,64875401	-0,042	0,304
CHR9	859696	CHR9:859696	SSF x Near_LoA	-9,97813639	0,014	0,294
CHR9	859712	CHR9:859712	SSF x Near_LoA	-9,28270979	0,029	0,298
CHR9	8609512	CHR9:8609512	SSF x Near_LoA	-9,45310273	-0,067	0,306
CHR9	8615118	CHR9:8615118	SSF x Near_LoA	-10,0583164	0,081	0,308
CHR9	8615193	CHR9:8615193	SSF x Near_LoA	-9,90479251	0,013	0,308
CHR9	8622862	CHR9:8622862	SSF x Near_LoA	-6,35383656	-0,101	0,313
CHR9	8622939	CHR9:8622939	SSF x Near_LoA	-11,6802543	-0,022	0,312
CHR9	8623044	CHR9:8623044	SSF x Near_LoA	-9,11489777	0,049	0,296
CHR9	8623050	CHR9:8623050	SSF x Near_LoA	-8,72644607	-0,041	0,294
CHR9	8623074	CHR9:8623074	SSF x Near_LoA	-3,48931165	0,102	0,310
CHR9	8623082	CHR9:8623082	SSF x Near_LoA	-5,52428199	0,105	0,299
CHR9	8625796	CHR9:8625796	SSF x Near_LoA	-8,9645962	-0,004	0,294
CHR9	8625920	CHR9:8625920	SSF x Near_LoA	-8,02360447	0,076	0,311
CHR9	8625964	CHR9:8625964	SSF x Near_LoA	-8,93690904	0,039	0,297
CHR9	8626948	CHR9:8626948	SSF x Near_LoA	-10,4085992	0,046	0,301
CHR9	8631816	CHR9:8631816	SSF x Near_LoA	-7,5519739	0,175	0,288
CHR9	8633072	CHR9:8633072	SSF x Near_LoA	-9,88219267	-0,097	0,307
CHR9	8633200	CHR9:8633200	SSF x Near_LoA	-7,46841968	0,054	0,318
CHR9	8633386	CHR9:8633386	SSF x Near_LoA	-9,40650011	0,019	0,312
CHR9	8633387	CHR9:8633387	SSF x Near_LoA	-10,7673445	0,023	0,310
CHR9	8645982	CHR9:8645982	SSF x Near_LoA	-11,2602808	-0,009	0,309
CHR9	8645991	CHR9:8645991	SSF x Near_LoA	-8,17453746	0,132	0,315
CHR9	8645999	CHR9:8645999	SSF x Near_LoA	-8,47716697	-0,058	0,301
CHR9	8646072	CHR9:8646072	SSF x Near_LoA	-6,28676544	-0,179	0,307
CHR9	8646090	CHR9:8646090	SSF x Near_LoA	-3,07827293	-0,220	0,306
CHR9	864795	CHR9:864795	SSF x Near_LoA	-9,92656246	-0,077	0,287
CHR9	8650590	CHR9:8650590	SSF x Near_LoA	-4,82503212	0,106	0,305
CHR9	8655434	CHR9:8655434	SSF x Near_LoA	-5,10333841	-0,162	0,295
CHR9	8655543	CHR9:8655543	SSF x Near_LoA	-5,76392762	0,007	0,311
CHR9	8657548	CHR9:8657548	SSF x Near_LoA	-11,273872	-0,024	0,310
CHR9	8657686	CHR9:8657686	SSF x Near_LoA	-8,20413542	0,070	0,301
CHR9	8659679	CHR9:8659679	SSF x Near_LoA	-9,01314904	0,014	0,304
CHR9	8659694	CHR9:8659694	SSF x Near_LoA	-11,9816922	-0,034	0,301
CHR9	8660970	CHR9:8660970	SSF x Near_LoA	-4,84372808	-0,177	0,304
CHR9	8662331	CHR9:8662331	SSF x Near_LoA	-9,64357678	-0,049	0,315

CHR9	8662333	CHR9:8662333	SSF x Near_LoA	-9,5983255	0,139	0,303
CHR9	8662348	CHR9:8662348	SSF x Near_LoA	-8,3950005	0,059	0,299
CHR9	8662359	CHR9:8662359	SSF x Near_LoA	-9,48432113	-0,034	0,312
CHR9	86706	CHR9:86706	SSF x Near_LoA	-9,19762107	-0,068	0,291
CHR9	86740	CHR9:86740	SSF x Near_LoA	-5,71520887	-0,033	0,303
CHR9	8675954	CHR9:8675954	SSF x Near_LoA	-10,0980078	0,099	0,295
CHR9	86788	CHR9:86788	SSF x Near_LoA	-9,28037892	-0,043	0,307
CHR9	8685410	CHR9:8685410	SSF x Near_LoA	-8,01416334	-0,132	0,307
CHR9	8685519	CHR9:8685519	SSF x Near_LoA	-7,91658651	0,074	0,310
CHR9	8691481	CHR9:8691481	SSF x Near_LoA	-9,30113884	-0,123	0,310
CHR9	8691483	CHR9:8691483	SSF x Near_LoA	-8,90412439	-0,113	0,309
CHR9	8691651	CHR9:8691651	SSF x Near_LoA	-8,90865719	-0,139	0,286
CHR9	8724720	CHR9:8724720	SSF x Near_LoA	-11,1784948	-0,055	0,304
CHR9	8725704	CHR9:8725704	SSF x Near_LoA	-9,69970988	0,104	0,291
CHR9	8733087	CHR9:8733087	SSF x Near_LoA	-6,85409317	-0,195	0,284
CHR9	8733090	CHR9:8733090	SSF x Near_LoA	-7,44710941	-0,197	0,288
CHR9	8733123	CHR9:8733123	SSF x Near_LoA	-7,84836777	0,140	0,301
CHR9	8733126	CHR9:8733126	SSF x Near_LoA	-7,64314739	-0,159	0,304
CHR9	8733190	CHR9:8733190	SSF x Near_LoA	-8,39840473	0,111	0,308
CHR9	8733203	CHR9:8733203	SSF x Near_LoA	-10,8386784	0,125	0,302
CHR9	8733216	CHR9:8733216	SSF x Near_LoA	-9,26745788	-0,004	0,308
CHR9	8733256	CHR9:8733256	SSF x Near_LoA	-8,43083054	-0,036	0,311
CHR9	8733295	CHR9:8733295	SSF x Near_LoA	-8,58125317	0,055	0,309
CHR9	8733296	CHR9:8733296	SSF x Near_LoA	-8,10007288	-0,057	0,329
CHR9	8733298	CHR9:8733298	SSF x Near_LoA	-8,25836694	0,060	0,318
CHR9	8741860	CHR9:8741860	SSF x Near_LoA	-2,33824564	0,003	0,301
CHR9	8742017	CHR9:8742017	SSF x Near_LoA	-9,293263	-0,080	0,322
CHR9	8752267	CHR9:8752267	SSF x Near_LoA	-7,5506574	0,108	0,308
CHR9	8752518	CHR9:8752518	SSF x Near_LoA	-9,62362782	-0,048	0,308
CHR9	8756564	CHR9:8756564	SSF x Near_LoA	-6,45876821	0,107	0,313
CHR9	8756595	CHR9:8756595	SSF x Near_LoA	-9,58968557	-0,051	0,315
CHR9	8758154	CHR9:8758154	SSF x Near_LoA	-8,55222592	0,000	0,316
CHR9	8758307	CHR9:8758307	SSF x Near_LoA	-10,4817643	0,047	0,301
CHR9	8758339	CHR9:8758339	SSF x Near_LoA	-10,6435479	0,035	0,304
CHR9	8763337	CHR9:8763337	SSF x Near_LoA	-8,88207802	0,009	0,318
CHR9	8763354	CHR9:8763354	SSF x Near_LoA	-8,77558903	0,120	0,291
CHR9	8781578	CHR9:8781578	SSF x Near_LoA	-10,1789915	-0,008	0,302
CHR9	8785319	CHR9:8785319	SSF x Near_LoA	-11,0657808	-0,044	0,306
CHR9	8785343	CHR9:8785343	SSF x Near_LoA	-9,44025805	0,107	0,304
CHR9	8791195	CHR9:8791195	SSF x Near_LoA	-7,59779579	-0,051	0,322
CHR9	8791383	CHR9:8791383	SSF x Near_LoA	-7,6332269	-0,044	0,322
CHR9	8822284	CHR9:8822284	SSF x Near_LoA	-11,7694567	-0,015	0,305
CHR9	8838230	CHR9:8838230	SSF x Near_LoA	-0,94477347	-0,233	0,303
CHR9	8844464	CHR9:8844464	SSF x Near_LoA	-10,3581445	-0,012	0,310
CHR9	8857968	CHR9:8857968	SSF x Near_LoA	-10,3243779	-0,007	0,314
CHR9	8866009	CHR9:8866009	SSF x Near_LoA	-11,6792363	-0,020	0,304
CHR9	8873701	CHR9:8873701	SSF x Near_LoA	-5,82792273	-0,123	0,299
CHR9	8873780	CHR9:8873780	SSF x Near_LoA	-10,3541155	0,090	0,300
CHR9	8880563	CHR9:8880563	SSF x Near_LoA	-9,46874551	0,007	0,314
CHR9	8880608	CHR9:8880608	SSF x Near_LoA	-10,1590963	0,039	0,305
CHR9	8880628	CHR9:8880628	SSF x Near_LoA	-11,6487088	0,027	0,306
CHR9	8880641	CHR9:8880641	SSF x Near_LoA	-9,684483	-0,032	0,305
CHR9	8882956	CHR9:8882956	SSF x Near_LoA	-10,8903856	-0,084	0,310

CHR9	888330	CHR9:888330	SSF x Near_LoA	-12,0576787	-0,082	0,294
CHR9	8884237	CHR9:8884237	SSF x Near_LoA	-7,87321344	0,011	0,327
CHR9	8884306	CHR9:8884306	SSF x Near_LoA	-9,19967786	-0,050	0,319
CHR9	8889875	CHR9:8889875	SSF x Near_LoA	-7,9174498	0,158	0,304
CHR9	8889917	CHR9:8889917	SSF x Near_LoA	-11,2386441	-0,021	0,308
CHR9	8889939	CHR9:8889939	SSF x Near_LoA	-9,30806654	0,023	0,305
CHR9	8889994	CHR9:8889994	SSF x Near_LoA	-10,130664	-0,099	0,302
CHR9	8890052	CHR9:8890052	SSF x Near_LoA	-8,98403715	0,048	0,306
CHR9	8890055	CHR9:8890055	SSF x Near_LoA	-11,9194111	-0,037	0,309
CHR9	8890058	CHR9:8890058	SSF x Near_LoA	-8,97662092	-0,027	0,326
CHR9	8890073	CHR9:8890073	SSF x Near_LoA	-9,87798966	0,004	0,304
CHR9	8890142	CHR9:8890142	SSF x Near_LoA	-11,2002528	-0,012	0,315
CHR9	8890150	CHR9:8890150	SSF x Near_LoA	-10,8714472	0,003	0,301
CHR9	8890153	CHR9:8890153	SSF x Near_LoA	-10,3983785	0,106	0,297
CHR9	8894749	CHR9:8894749	SSF x Near_LoA	-11,7458229	0,065	0,295
CHR9	8896243	CHR9:8896243	SSF x Near_LoA	-10,5831198	-0,017	0,317
CHR9	8896261	CHR9:8896261	SSF x Near_LoA	-8,94950956	-0,016	0,316
CHR9	8896297	CHR9:8896297	SSF x Near_LoA	-7,3655389	-0,112	0,287
CHR9	8896316	CHR9:8896316	SSF x Near_LoA	-10,871492	0,017	0,303
CHR9	8897560	CHR9:8897560	SSF x Near_LoA	-10,6124711	-0,072	0,317
CHR9	8898768	CHR9:8898768	SSF x Near_LoA	-10,7702893	-0,002	0,318
CHR9	8898816	CHR9:8898816	SSF x Near_LoA	-7,01867921	-0,158	0,302
CHR9	8898844	CHR9:8898844	SSF x Near_LoA	-9,38268736	0,047	0,310
CHR9	8921802	CHR9:8921802	SSF x Near_LoA	-7,48564147	0,050	0,298
CHR9	8921890	CHR9:8921890	SSF x Near_LoA	-10,5448203	-0,023	0,300
CHR9	8921899	CHR9:8921899	SSF x Near_LoA	-8,44862143	0,006	0,305
CHR9	8923471	CHR9:8923471	SSF x Near_LoA	-10,3998271	0,049	0,316
CHR9	8923472	CHR9:8923472	SSF x Near_LoA	-10,3021175	0,045	0,315
CHR9	8923511	CHR9:8923511	SSF x Near_LoA	-6,84747376	0,064	0,316
CHR9	8923527	CHR9:8923527	SSF x Near_LoA	-10,1654411	0,040	0,309
CHR9	8923556	CHR9:8923556	SSF x Near_LoA	-7,97173458	-0,054	0,303
CHR9	8923557	CHR9:8923557	SSF x Near_LoA	-8,369935	0,047	0,318
CHR9	8924490	CHR9:8924490	SSF x Near_LoA	-10,5294155	0,077	0,306
CHR9	8926696	CHR9:8926696	SSF x Near_LoA	-9,42778666	-0,008	0,310
CHR9	8926740	CHR9:8926740	SSF x Near_LoA	-10,5476346	-0,001	0,307
CHR9	8926773	CHR9:8926773	SSF x Near_LoA	-10,705593	0,057	0,310
CHR9	8926776	CHR9:8926776	SSF x Near_LoA	-10,6997354	-0,054	0,310
CHR9	8926809	CHR9:8926809	SSF x Near_LoA	-7,93888957	0,122	0,306
CHR9	8926815	CHR9:8926815	SSF x Near_LoA	-10,9382894	-0,065	0,312
CHR9	8926819	CHR9:8926819	SSF x Near_LoA	-9,79171351	0,121	0,305
CHR9	8926885	CHR9:8926885	SSF x Near_LoA	-10,5942789	0,100	0,298
CHR9	8926919	CHR9:8926919	SSF x Near_LoA	-10,2366719	-0,100	0,315
CHR9	8926925	CHR9:8926925	SSF x Near_LoA	-0,6949954	-0,178	0,286
CHR9	8926953	CHR9:8926953	SSF x Near_LoA	-11,6236868	0,073	0,302
CHR9	8926960	CHR9:8926960	SSF x Near_LoA	-4,79919483	0,222	0,297
CHR9	8926967	CHR9:8926967	SSF x Near_LoA	-9,52269338	0,055	0,299
CHR9	8926971	CHR9:8926971	SSF x Near_LoA	-11,4904982	0,056	0,302
CHR9	8935782	CHR9:8935782	SSF x Near_LoA	-3,9041895	0,176	0,307
CHR9	8935819	CHR9:8935819	SSF x Near_LoA	-10,4521649	-0,047	0,326
CHR9	8936675	CHR9:8936675	SSF x Near_LoA	-9,4092501	-0,050	0,295
CHR9	8936683	CHR9:8936683	SSF x Near_LoA	-9,5325499	0,020	0,297
CHR9	8936761	CHR9:8936761	SSF x Near_LoA	-8,87557871	-0,018	0,319
CHR9	8936789	CHR9:8936789	SSF x Near_LoA	-9,66967437	-0,018	0,297

CHR9	8936801	CHR9:8936801	SSF x Near_LoA	-9,24369494	0,038	0,311
CHR9	8936803	CHR9:8936803	SSF x Near_LoA	-10,1262083	-0,036	0,309
CHR9	8936822	CHR9:8936822	SSF x Near_LoA	-7,0336473	-0,077	0,319
CHR9	894444	CHR9:894444	SSF x Near_LoA	-10,751596	0,124	0,293
CHR9	894519	CHR9:894519	SSF x Near_LoA	-7,2063095	-0,071	0,310
CHR9	8953708	CHR9:8953708	SSF x Near_LoA	-7,82853814	0,111	0,300
CHR9	8965228	CHR9:8965228	SSF x Near_LoA	-5,05822176	0,144	0,306
CHR9	8965289	CHR9:8965289	SSF x Near_LoA	-9,85334587	0,088	0,311
CHR9	8965298	CHR9:8965298	SSF x Near_LoA	-6,8158281	-0,178	0,289
CHR9	8968259	CHR9:8968259	SSF x Near_LoA	-11,2762778	-0,012	0,309
CHR9	8968419	CHR9:8968419	SSF x Near_LoA	-10,5510409	-0,013	0,309
CHR9	8968480	CHR9:8968480	SSF x Near_LoA	-9,19778956	-0,030	0,295
CHR9	8968483	CHR9:8968483	SSF x Near_LoA	-9,19494982	0,103	0,298
CHR9	8970292	CHR9:8970292	SSF x Near_LoA	-10,758321	0,004	0,307
CHR9	8977899	CHR9:8977899	SSF x Near_LoA	-7,91686485	-0,107	0,300
CHR9	8977916	CHR9:8977916	SSF x Near_LoA	-10,6939845	-0,006	0,298
CHR9	8984834	CHR9:8984834	SSF x Near_LoA	-9,65753931	0,008	0,313
CHR9	8984838	CHR9:8984838	SSF x Near_LoA	-11,5194763	0,017	0,303
CHR9	8984877	CHR9:8984877	SSF x Near_LoA	-5,6083112	-0,170	0,289
CHR9	8984900	CHR9:8984900	SSF x Near_LoA	-6,17631682	0,006	0,312
CHR9	8984905	CHR9:8984905	SSF x Near_LoA	-11,3204048	0,087	0,303
CHR9	8984925	CHR9:8984925	SSF x Near_LoA	-6,73174651	-0,098	0,309
CHR9	8984979	CHR9:8984979	SSF x Near_LoA	-11,3330575	-0,094	0,297
CHR9	8984991	CHR9:8984991	SSF x Near_LoA	-9,72486193	0,095	0,291
CHR9	8985094	CHR9:8985094	SSF x Near_LoA	-10,6927428	-0,071	0,310
CHR9	8990420	CHR9:8990420	SSF x Near_LoA	-10,9177911	0,064	0,314
CHR9	8990454	CHR9:8990454	SSF x Near_LoA	-7,46421909	-0,080	0,315
CHR9	8993644	CHR9:8993644	SSF x Near_LoA	-10,1899563	0,001	0,304
CHR9	8993645	CHR9:8993645	SSF x Near_LoA	-8,35272586	-0,116	0,307
CHR9	8994451	CHR9:8994451	SSF x Near_LoA	-11,2988661	0,014	0,307
CHR9	8994479	CHR9:8994479	SSF x Near_LoA	-9,05008643	0,083	0,314
CHR9	8998776	CHR9:8998776	SSF x Near_LoA	-9,4411596	0,064	0,291
CHR9	8998842	CHR9:8998842	SSF x Near_LoA	-12,2529654	-0,015	0,305
CHR9	8998851	CHR9:8998851	SSF x Near_LoA	-10,7208187	0,003	0,316
CHR9	8998900	CHR9:8998900	SSF x Near_LoA	-5,76634644	-0,088	0,298
CHR9	8999823	CHR9:8999823	SSF x Near_LoA	-11,2724058	0,029	0,307
CHR9	9000035	CHR9:9000035	SSF x Near_LoA	-9,24743509	0,041	0,309
CHR9	9001695	CHR9:9001695	SSF x Near_LoA	-7,86449875	-0,027	0,315
CHR9	9001732	CHR9:9001732	SSF x Near_LoA	-9,67289744	-0,063	0,315
CHR9	9001754	CHR9:9001754	SSF x Near_LoA	-6,28115783	0,082	0,299
CHR9	9001755	CHR9:9001755	SSF x Near_LoA	-8,32839018	0,026	0,306
CHR9	9008758	CHR9:9008758	SSF x Near_LoA	-7,68887376	-0,063	0,312
CHR9	9008762	CHR9:9008762	SSF x Near_LoA	-6,54554759	0,071	0,315
CHR9	9008777	CHR9:9008777	SSF x Near_LoA	-9,41649589	-0,104	0,306
CHR9	9008793	CHR9:9008793	SSF x Near_LoA	-8,61709212	-0,013	0,322
CHR9	9008805	CHR9:9008805	SSF x Near_LoA	-8,86211252	-0,072	0,298
CHR9	9008809	CHR9:9008809	SSF x Near_LoA	-9,75387138	-0,090	0,313
CHR9	9008817	CHR9:9008817	SSF x Near_LoA	-9,15227236	0,007	0,307
CHR9	9008832	CHR9:9008832	SSF x Near_LoA	-10,1716305	-0,010	0,301
CHR9	9024756	CHR9:9024756	SSF x Near_LoA	-6,63747392	-0,132	0,300
CHR9	9030255	CHR9:9030255	SSF x Near_LoA	-0,43178493	-0,029	0,315
CHR9	9030481	CHR9:9030481	SSF x Near_LoA	-9,05773166	-0,052	0,313
CHR9	9030509	CHR9:9030509	SSF x Near_LoA	-10,276829	-0,081	0,302

CHR9	9042712	CHR9:9042712	SSF x Near_LoA	-9,32641453	-0,006	0,297
CHR9	9042733	CHR9:9042733	SSF x Near_LoA	-10,2159765	-0,091	0,311
CHR9	9042833	CHR9:9042833	SSF x Near_LoA	-11,6291375	0,009	0,317
CHR9	9042841	CHR9:9042841	SSF x Near_LoA	-10,1878828	-0,137	0,316
CHR9	9043429	CHR9:9043429	SSF x Near_LoA	-8,40905123	-0,094	0,315
CHR9	9043500	CHR9:9043500	SSF x Near_LoA	-11,1761901	0,009	0,300
CHR9	9043550	CHR9:9043550	SSF x Near_LoA	-1,04313653	-0,088	0,302
CHR9	9043560	CHR9:9043560	SSF x Near_LoA	-8,40123355	-0,067	0,302
CHR9	9050623	CHR9:9050623	SSF x Near_LoA	-9,64980718	0,035	0,312
CHR9	9050624	CHR9:9050624	SSF x Near_LoA	-9,95615154	0,009	0,314
CHR9	9050629	CHR9:9050629	SSF x Near_LoA	-11,0520163	0,001	0,299
CHR9	9050630	CHR9:9050630	SSF x Near_LoA	-11,4450418	-0,019	0,308
CHR9	9050632	CHR9:9050632	SSF x Near_LoA	-11,6963318	0,029	0,310
CHR9	9050636	CHR9:9050636	SSF x Near_LoA	-9,67272041	0,063	0,306
CHR9	9050638	CHR9:9050638	SSF x Near_LoA	-10,718197	0,060	0,297
CHR9	9055054	CHR9:9055054	SSF x Near_LoA	-10,1213143	-0,076	0,303
CHR9	9055091	CHR9:9055091	SSF x Near_LoA	-10,0498408	-0,058	0,312
CHR9	9055107	CHR9:9055107	SSF x Near_LoA	-9,00966419	-0,122	0,310
CHR9	9055137	CHR9:9055137	SSF x Near_LoA	-8,15366071	0,011	0,304
CHR9	9055173	CHR9:9055173	SSF x Near_LoA	-8,26518044	-0,073	0,302
CHR9	9055183	CHR9:9055183	SSF x Near_LoA	-11,8449004	0,043	0,307
CHR9	9055868	CHR9:9055868	SSF x Near_LoA	-9,2071047	-0,004	0,321
CHR9	9055881	CHR9:9055881	SSF x Near_LoA	-8,51783328	0,028	0,297
CHR9	9055888	CHR9:9055888	SSF x Near_LoA	-10,4195944	-0,087	0,314
CHR9	9055910	CHR9:9055910	SSF x Near_LoA	-9,38142545	0,002	0,298
CHR9	9055928	CHR9:9055928	SSF x Near_LoA	-11,3240316	0,063	0,300
CHR9	9055985	CHR9:9055985	SSF x Near_LoA	-10,5773831	0,010	0,308
CHR9	9055989	CHR9:9055989	SSF x Near_LoA	-11,3527837	0,052	0,303
CHR9	9064572	CHR9:9064572	SSF x Near_LoA	-4,77654066	-0,073	0,321
CHR9	9064638	CHR9:9064638	SSF x Near_LoA	-11,2055303	-0,007	0,284
CHR9	9064651	CHR9:9064651	SSF x Near_LoA	-10,6912306	-0,109	0,315
CHR9	9064681	CHR9:9064681	SSF x Near_LoA	-11,8797454	-0,062	0,317
CHR9	9065336	CHR9:9065336	SSF x Near_LoA	-4,32530288	0,093	0,326
CHR9	9065387	CHR9:9065387	SSF x Near_LoA	-9,13100861	0,050	0,306
CHR9	9065394	CHR9:9065394	SSF x Near_LoA	-8,8856384	0,013	0,308
CHR9	9065396	CHR9:9065396	SSF x Near_LoA	-10,0471682	-0,076	0,311
CHR9	9069537	CHR9:9069537	SSF x Near_LoA	-10,7990605	-0,079	0,312
CHR9	9079964	CHR9:9079964	SSF x Near_LoA	-10,1243851	0,130	0,300
CHR9	9080117	CHR9:9080117	SSF x Near_LoA	-12,4524048	0,015	0,294
CHR9	9080121	CHR9:9080121	SSF x Near_LoA	-6,66761167	-0,010	0,300
CHR9	9087394	CHR9:9087394	SSF x Near_LoA	-10,0048813	-0,078	0,311
CHR9	9087410	CHR9:9087410	SSF x Near_LoA	-0,01417995	0,012	0,324
CHR9	9087435	CHR9:9087435	SSF x Near_LoA	-10,845062	-0,049	0,296
CHR9	9087455	CHR9:9087455	SSF x Near_LoA	-9,64045881	0,047	0,304
CHR9	9087876	CHR9:9087876	SSF x Near_LoA	-10,5885528	0,034	0,307
CHR9	9087901	CHR9:9087901	SSF x Near_LoA	-10,1513741	-0,094	0,308
CHR9	9087936	CHR9:9087936	SSF x Near_LoA	-10,3535958	-0,084	0,309
CHR9	9091058	CHR9:9091058	SSF x Near_LoA	-10,7600971	0,030	0,307
CHR9	9091073	CHR9:9091073	SSF x Near_LoA	-9,81664026	0,033	0,300
CHR9	9092479	CHR9:9092479	SSF x Near_LoA	-10,7693247	0,057	0,311
CHR9	9092502	CHR9:9092502	SSF x Near_LoA	-11,5747666	0,058	0,296
CHR9	9107602	CHR9:9107602	SSF x Near_LoA	-10,3213106	0,018	0,309
CHR9	9107610	CHR9:9107610	SSF x Near_LoA	-11,0478494	0,017	0,310

CHR9	9107655	CHR9:9107655	SSF x Near_LoA	-11,906799	-0,073	0,312
CHR9	9107690	CHR9:9107690	SSF x Near_LoA	-7,24547718	0,008	0,308
CHR9	9107709	CHR9:9107709	SSF x Near_LoA	-11,4021828	0,061	0,303
CHR9	9107741	CHR9:9107741	SSF x Near_LoA	-5,85571012	-0,061	0,309
CHR9	9108601	CHR9:9108601	SSF x Near_LoA	-10,3308293	-0,055	0,318
CHR9	9108603	CHR9:9108603	SSF x Near_LoA	-10,8129602	0,030	0,316
CHR9	9108604	CHR9:9108604	SSF x Near_LoA	-8,85020353	0,001	0,295
CHR9	9108608	CHR9:9108608	SSF x Near_LoA	-9,28182067	0,126	0,299
CHR9	9108630	CHR9:9108630	SSF x Near_LoA	-11,3436987	0,054	0,309
CHR9	9134599	CHR9:9134599	SSF x Near_LoA	-8,96220631	0,093	0,301
CHR9	9137012	CHR9:9137012	SSF x Near_LoA	-7,00539411	-0,069	0,297
CHR9	9146544	CHR9:9146544	SSF x Near_LoA	-10,9714421	-0,008	0,309
CHR9	9158446	CHR9:9158446	SSF x Near_LoA	-8,43568277	0,197	0,291
CHR9	9163780	CHR9:9163780	SSF x Near_LoA	-6,30355915	0,028	0,297
CHR9	9167264	CHR9:9167264	SSF x Near_LoA	-9,2286575	-0,030	0,306
CHR9	9167279	CHR9:9167279	SSF x Near_LoA	-11,58703	0,052	0,312
CHR9	9176330	CHR9:9176330	SSF x Near_LoA	-8,95058545	-0,071	0,304
CHR9	9178746	CHR9:9178746	SSF x Near_LoA	-10,7468596	0,058	0,304
CHR9	9178823	CHR9:9178823	SSF x Near_LoA	-9,40340172	-0,106	0,296
CHR9	9178985	CHR9:9178985	SSF x Near_LoA	-9,2728549	-0,011	0,315
CHR9	9183841	CHR9:9183841	SSF x Near_LoA	-10,5285075	-0,026	0,285
CHR9	9183854	CHR9:9183854	SSF x Near_LoA	-8,74092681	-0,136	0,305
CHR9	9183857	CHR9:9183857	SSF x Near_LoA	-8,5852826	-0,126	0,310
CHR9	9183907	CHR9:9183907	SSF x Near_LoA	-9,969134	0,001	0,296
CHR9	9191221	CHR9:9191221	SSF x Near_LoA	-10,6802894	-0,010	0,309
CHR9	9191246	CHR9:9191246	SSF x Near_LoA	-6,58349407	0,044	0,319
CHR9	9191289	CHR9:9191289	SSF x Near_LoA	-8,09448211	-0,061	0,309
CHR9	9191381	CHR9:9191381	SSF x Near_LoA	-8,1178641	0,097	0,317
CHR9	9191383	CHR9:9191383	SSF x Near_LoA	2,40361429	0,137	0,312
CHR9	9198837	CHR9:9198837	SSF x Near_LoA	-10,0147922	-0,136	0,306
CHR9	9207968	CHR9:9207968	SSF x Near_LoA	-9,29525559	-0,025	0,307
CHR9	9216413	CHR9:9216413	SSF x Near_LoA	-8,45848873	0,063	0,310
CHR9	9223851	CHR9:9223851	SSF x Near_LoA	-10,0313784	0,003	0,307
CHR9	9227975	CHR9:9227975	SSF x Near_LoA	-6,75851627	0,000	0,318
CHR9	9232470	CHR9:9232470	SSF x Near_LoA	-6,68141243	0,074	0,302
CHR9	9232632	CHR9:9232632	SSF x Near_LoA	-8,35916267	0,011	0,299
CHR9	9234346	CHR9:9234346	SSF x Near_LoA	-11,3550384	-0,020	0,303
CHR9	9248896	CHR9:9248896	SSF x Near_LoA	-9,88427847	0,002	0,313
CHR9	9248928	CHR9:9248928	SSF x Near_LoA	-11,1703208	-0,014	0,294
CHR9	9248977	CHR9:9248977	SSF x Near_LoA	-10,5381858	-0,121	0,306
CHR9	9248998	CHR9:9248998	SSF x Near_LoA	-9,02943742	0,064	0,304
CHR9	9263138	CHR9:9263138	SSF x Near_LoA	-9,95179805	0,013	0,317
CHR9	9274815	CHR9:9274815	SSF x Near_LoA	-9,95172867	-0,006	0,308
CHR9	9274997	CHR9:9274997	SSF x Near_LoA	-9,79312076	-0,104	0,310
CHR9	9274999	CHR9:9274999	SSF x Near_LoA	-9,13053672	-0,030	0,297
CHR9	9275048	CHR9:9275048	SSF x Near_LoA	-10,0882373	0,097	0,306
CHR9	9275061	CHR9:9275061	SSF x Near_LoA	-10,8944073	0,002	0,321
CHR9	9275084	CHR9:9275084	SSF x Near_LoA	-8,70088324	0,010	0,312
CHR9	9275115	CHR9:9275115	SSF x Near_LoA	-9,63866975	-0,015	0,302
CHR9	9275177	CHR9:9275177	SSF x Near_LoA	-11,2782428	-0,033	0,310
CHR9	9280356	CHR9:9280356	SSF x Near_LoA	-10,5014149	-0,047	0,314
CHR9	9280685	CHR9:9280685	SSF x Near_LoA	-10,9615754	-0,021	0,309
CHR9	9283894	CHR9:9283894	SSF x Near_LoA	-8,86966004	0,050	0,306

CHR9	9283930	CHR9:9283930	SSF x Near_LoA	-6,86977607	0,059	0,321
CHR9	9283972	CHR9:9283972	SSF x Near_LoA	-8,46026377	-0,022	0,306
CHR9	9284654	CHR9:9284654	SSF x Near_LoA	-6,11579378	0,167	0,284
CHR9	9289196	CHR9:9289196	SSF x Near_LoA	-9,80234041	0,016	0,298
CHR9	9295505	CHR9:9295505	SSF x Near_LoA	-8,1090398	0,107	0,300
CHR9	9300734	CHR9:9300734	SSF x Near_LoA	-8,54623794	-0,037	0,297
CHR9	9300777	CHR9:9300777	SSF x Near_LoA	-9,99775552	0,097	0,305
CHR9	9303332	CHR9:9303332	SSF x Near_LoA	-9,69451869	-0,019	0,303
CHR9	9303374	CHR9:9303374	SSF x Near_LoA	-7,62899034	0,078	0,299
CHR9	9303377	CHR9:9303377	SSF x Near_LoA	-7,99015718	-0,100	0,314
CHR9	9303454	CHR9:9303454	SSF x Near_LoA	-9,61132173	0,009	0,308
CHR9	9303498	CHR9:9303498	SSF x Near_LoA	-10,5504265	-0,042	0,318
CHR9	9303511	CHR9:9303511	SSF x Near_LoA	-8,21324587	0,035	0,324
CHR9	9305316	CHR9:9305316	SSF x Near_LoA	-8,35234923	-0,054	0,306
CHR9	9305319	CHR9:9305319	SSF x Near_LoA	-7,6931382	-0,028	0,317
CHR9	9305326	CHR9:9305326	SSF x Near_LoA	-8,73035321	-0,004	0,301
CHR9	9305365	CHR9:9305365	SSF x Near_LoA	-5,42886381	-0,053	0,319
CHR9	9305366	CHR9:9305366	SSF x Near_LoA	-7,95576957	0,121	0,299
CHR9	9312459	CHR9:9312459	SSF x Near_LoA	-9,04184409	-0,051	0,323
CHR9	9312488	CHR9:9312488	SSF x Near_LoA	-8,73294532	0,080	0,298
CHR9	9312498	CHR9:9312498	SSF x Near_LoA	-8,48623105	-0,027	0,319
CHR9	9312514	CHR9:9312514	SSF x Near_LoA	-11,6513618	0,037	0,302
CHR9	9312561	CHR9:9312561	SSF x Near_LoA	-9,59842385	-0,043	0,312
CHR9	9315827	CHR9:9315827	SSF x Near_LoA	-11,4262738	-0,120	0,307
CHR9	9315828	CHR9:9315828	SSF x Near_LoA	-10,6457931	-0,140	0,302
CHR9	9315831	CHR9:9315831	SSF x Near_LoA	-9,31282205	-0,111	0,304
CHR9	932012	CHR9:932012	SSF x Near_LoA	-6,67908101	0,143	0,298
CHR9	932066	CHR9:932066	SSF x Near_LoA	-8,98528969	-0,036	0,308
CHR9	932080	CHR9:932080	SSF x Near_LoA	-8,32859271	-0,072	0,323
CHR9	932119	CHR9:932119	SSF x Near_LoA	-8,08836473	-0,077	0,314
CHR9	932178	CHR9:932178	SSF x Near_LoA	-7,54351483	-0,076	0,308
CHR9	932186	CHR9:932186	SSF x Near_LoA	-8,59834432	-0,061	0,309
CHR9	9322334	CHR9:9322334	SSF x Near_LoA	-8,25270248	-0,072	0,324
CHR9	9334247	CHR9:9334247	SSF x Near_LoA	-7,65015055	-0,001	0,305
CHR9	9335627	CHR9:9335627	SSF x Near_LoA	-10,6273664	0,007	0,308
CHR9	9338545	CHR9:9338545	SSF x Near_LoA	-1,57540451	-0,213	0,301
CHR9	9338637	CHR9:9338637	SSF x Near_LoA	-9,92786941	0,135	0,294
CHR9	9338777	CHR9:9338777	SSF x Near_LoA	-6,09627002	-0,009	0,304
CHR9	9340246	CHR9:9340246	SSF x Near_LoA	-8,36512929	0,036	0,312
CHR9	9340253	CHR9:9340253	SSF x Near_LoA	-7,72162501	-0,083	0,314
CHR9	9340277	CHR9:9340277	SSF x Near_LoA	-10,3132786	-0,032	0,306
CHR9	934716	CHR9:934716	SSF x Near_LoA	8,37751532	-0,107	0,287
CHR9	934766	CHR9:934766	SSF x Near_LoA	-8,64229987	-0,029	0,312
CHR9	934788	CHR9:934788	SSF x Near_LoA	-7,89462243	-0,042	0,322
CHR9	934862	CHR9:934862	SSF x Near_LoA	-11,2701333	0,033	0,310
CHR9	9353837	CHR9:9353837	SSF x Near_LoA	-11,3027673	0,037	0,293
CHR9	9353854	CHR9:9353854	SSF x Near_LoA	-9,82424548	0,076	0,317
CHR9	9353864	CHR9:9353864	SSF x Near_LoA	-9,3639839	-0,040	0,303
CHR9	9353943	CHR9:9353943	SSF x Near_LoA	-5,85088197	0,147	0,306
CHR9	9366772	CHR9:9366772	SSF x Near_LoA	-11,6357623	-0,106	0,292
CHR9	9366815	CHR9:9366815	SSF x Near_LoA	-7,75290189	0,030	0,313
CHR9	9366830	CHR9:9366830	SSF x Near_LoA	-8,33191245	0,047	0,312
CHR9	9366843	CHR9:9366843	SSF x Near_LoA	-9,16098592	-0,074	0,307

CHR9	9366969	CHR9:9366969	SSF x Near_LoA	-8,96353095	-0,007	0,309
CHR9	9366998	CHR9:9366998	SSF x Near_LoA	-8,50145865	-0,046	0,327
CHR9	937773	CHR9:937773	SSF x Near_LoA	-7,72703576	0,139	0,305
CHR9	9383074	CHR9:9383074	SSF x Near_LoA	-10,7391315	-0,017	0,315
CHR9	9383137	CHR9:9383137	SSF x Near_LoA	-9,25054766	-0,014	0,294
CHR9	9383140	CHR9:9383140	SSF x Near_LoA	-11,2615067	0,032	0,311
CHR9	9386409	CHR9:9386409	SSF x Near_LoA	-10,2602195	-0,061	0,298
CHR9	9386491	CHR9:9386491	SSF x Near_LoA	-9,17833187	0,042	0,310
CHR9	9386682	CHR9:9386682	SSF x Near_LoA	-5,85319319	0,183	0,296
CHR9	9392275	CHR9:9392275	SSF x Near_LoA	-10,2818447	0,039	0,308
CHR9	9402437	CHR9:9402437	SSF x Near_LoA	-2,43185945	-0,078	0,311
CHR9	9402463	CHR9:9402463	SSF x Near_LoA	-7,99240215	0,085	0,307
CHR9	9402547	CHR9:9402547	SSF x Near_LoA	-8,33117894	-0,004	0,297
CHR9	9402548	CHR9:9402548	SSF x Near_LoA	-1,35342495	-0,039	0,303
CHR9	9402562	CHR9:9402562	SSF x Near_LoA	-10,0627902	0,019	0,291
CHR9	9402564	CHR9:9402564	SSF x Near_LoA	-10,7877833	-0,071	0,309
CHR9	9402566	CHR9:9402566	SSF x Near_LoA	-9,30427571	0,006	0,305
CHR9	9402600	CHR9:9402600	SSF x Near_LoA	-9,1539179	0,126	0,309
CHR9	9402647	CHR9:9402647	SSF x Near_LoA	-9,17502363	-0,032	0,310
CHR9	9402679	CHR9:9402679	SSF x Near_LoA	-8,51938032	-0,053	0,313
CHR9	9402697	CHR9:9402697	SSF x Near_LoA	-8,10092233	-0,066	0,320
CHR9	9405403	CHR9:9405403	SSF x Near_LoA	-9,16765677	-0,006	0,308
CHR9	9405416	CHR9:9405416	SSF x Near_LoA	-8,19638706	-0,044	0,320
CHR9	9405465	CHR9:9405465	SSF x Near_LoA	-9,64163241	0,056	0,321
CHR9	9413210	CHR9:9413210	SSF x Near_LoA	-10,3744991	-0,062	0,293
CHR9	9413256	CHR9:9413256	SSF x Near_LoA	-8,89894249	-0,085	0,295
CHR9	9414497	CHR9:9414497	SSF x Near_LoA	-9,19313662	0,175	0,297
CHR9	9416217	CHR9:9416217	SSF x Near_LoA	-11,6676727	-0,104	0,295
CHR9	9416265	CHR9:9416265	SSF x Near_LoA	-9,44885786	-0,090	0,309
CHR9	9416298	CHR9:9416298	SSF x Near_LoA	-8,45081897	0,052	0,305
CHR9	9416301	CHR9:9416301	SSF x Near_LoA	-7,71326039	0,003	0,315
CHR9	9416302	CHR9:9416302	SSF x Near_LoA	-10,311087	0,043	0,298
CHR9	9416334	CHR9:9416334	SSF x Near_LoA	-6,77326783	-0,096	0,309
CHR9	9416345	CHR9:9416345	SSF x Near_LoA	-9,48791277	-0,069	0,294
CHR9	9416398	CHR9:9416398	SSF x Near_LoA	-7,21413591	-0,104	0,305
CHR9	9422422	CHR9:9422422	SSF x Near_LoA	-3,17703001	-0,080	0,307
CHR9	9422443	CHR9:9422443	SSF x Near_LoA	-9,27525372	-0,121	0,300
CHR9	9422535	CHR9:9422535	SSF x Near_LoA	-9,27693757	-0,007	0,294
CHR9	9423528	CHR9:9423528	SSF x Near_LoA	-10,4690015	-0,028	0,303
CHR9	9423585	CHR9:9423585	SSF x Near_LoA	-11,4429069	0,083	0,314
CHR9	9454892	CHR9:9454892	SSF x Near_LoA	-9,2094231	0,112	0,297
CHR9	9471626	CHR9:9471626	SSF x Near_LoA	-9,64037162	0,053	0,306
CHR9	9472503	CHR9:9472503	SSF x Near_LoA	-8,33619748	-0,025	0,311
CHR9	9472535	CHR9:9472535	SSF x Near_LoA	-7,34457855	-0,022	0,301
CHR9	9479688	CHR9:9479688	SSF x Near_LoA	-10,1401332	0,087	0,302
CHR9	9485404	CHR9:9485404	SSF x Near_LoA	-8,02123247	-0,048	0,312
CHR9	9485441	CHR9:9485441	SSF x Near_LoA	-12,0295621	-0,023	0,298
CHR9	9485451	CHR9:9485451	SSF x Near_LoA	-8,13756731	0,048	0,309
CHR9	9485457	CHR9:9485457	SSF x Near_LoA	-11,318392	-0,037	0,305
CHR9	9485485	CHR9:9485485	SSF x Near_LoA	-11,0284029	-0,002	0,310
CHR9	9485502	CHR9:9485502	SSF x Near_LoA	-3,58392507	-0,076	0,317
CHR9	9485525	CHR9:9485525	SSF x Near_LoA	-10,3764483	0,015	0,303
CHR9	9485550	CHR9:9485550	SSF x Near_LoA	-6,58115737	-0,161	0,306

CHR9	9485637	CHR9:9485637	SSF x Near_LoA	-9,30479547	-0,052	0,309
CHR9	9490906	CHR9:9490906	SSF x Near_LoA	-7,15551534	-0,001	0,315
CHR9	9490908	CHR9:9490908	SSF x Near_LoA	-10,5112454	0,004	0,301
CHR9	9490914	CHR9:9490914	SSF x Near_LoA	-10,8520636	0,025	0,305
CHR9	9490916	CHR9:9490916	SSF x Near_LoA	-9,81400857	0,069	0,289
CHR9	9490970	CHR9:9490970	SSF x Near_LoA	-11,1823694	-0,019	0,298
CHR9	9490984	CHR9:9490984	SSF x Near_LoA	-9,53834265	0,038	0,320
CHR9	9506822	CHR9:9506822	SSF x Near_LoA	-7,28357584	-0,023	0,314
CHR9	9506909	CHR9:9506909	SSF x Near_LoA	-9,44356565	-0,063	0,308
CHR9	9506987	CHR9:9506987	SSF x Near_LoA	-11,3092594	-0,041	0,304
CHR9	950700	CHR9:950700	SSF x Near_LoA	-9,05901407	-0,111	0,321
CHR9	950759	CHR9:950759	SSF x Near_LoA	-11,2291014	0,000	0,313
CHR9	950766	CHR9:950766	SSF x Near_LoA	-11,153798	0,034	0,316
CHR9	9508442	CHR9:9508442	SSF x Near_LoA	-6,54411817	0,054	0,319
CHR9	9508462	CHR9:9508462	SSF x Near_LoA	-10,0706979	-0,055	0,297
CHR9	9508507	CHR9:9508507	SSF x Near_LoA	-8,43401454	0,049	0,314
CHR9	9508522	CHR9:9508522	SSF x Near_LoA	-8,46405879	-0,079	0,309
CHR9	9509752	CHR9:9509752	SSF x Near_LoA	-10,0466412	-0,078	0,312
CHR9	9509772	CHR9:9509772	SSF x Near_LoA	-9,62939817	-0,061	0,311
CHR9	9509869	CHR9:9509869	SSF x Near_LoA	-11,4112969	-0,011	0,307
CHR9	9510715	CHR9:9510715	SSF x Near_LoA	-10,537655	-0,021	0,303
CHR9	9515613	CHR9:9515613	SSF x Near_LoA	-8,41296309	-0,027	0,308
CHR9	9519704	CHR9:9519704	SSF x Near_LoA	-7,92425376	0,098	0,301
CHR9	9519744	CHR9:9519744	SSF x Near_LoA	-8,86029471	-0,049	0,310
CHR9	9519747	CHR9:9519747	SSF x Near_LoA	-7,84242673	-0,151	0,296
CHR9	9519758	CHR9:9519758	SSF x Near_LoA	-7,71765909	-0,092	0,319
CHR9	9519922	CHR9:9519922	SSF x Near_LoA	-10,1367373	-0,086	0,314
CHR9	9523806	CHR9:9523806	SSF x Near_LoA	-8,35582895	-0,010	0,307
CHR9	9523892	CHR9:9523892	SSF x Near_LoA	-9,67498896	-0,021	0,299
CHR9	9524050	CHR9:9524050	SSF x Near_LoA	-10,7390076	-0,077	0,307
CHR9	9529589	CHR9:9529589	SSF x Near_LoA	-11,7619785	-0,011	0,298
CHR9	9529634	CHR9:9529634	SSF x Near_LoA	-11,5214541	-0,007	0,300
CHR9	9529645	CHR9:9529645	SSF x Near_LoA	-6,64498288	0,004	0,318
CHR9	9529756	CHR9:9529756	SSF x Near_LoA	-11,7096108	-0,007	0,306
CHR9	9529857	CHR9:9529857	SSF x Near_LoA	-10,4834294	-0,053	0,328
CHR9	9529930	CHR9:9529930	SSF x Near_LoA	-9,26814454	-0,008	0,314
CHR9	9535513	CHR9:9535513	SSF x Near_LoA	-7,93516646	0,055	0,298
CHR9	9535699	CHR9:9535699	SSF x Near_LoA	-9,04728435	-0,121	0,301
CHR9	9540824	CHR9:9540824	SSF x Near_LoA	-8,45030138	0,142	0,297
CHR9	9540844	CHR9:9540844	SSF x Near_LoA	-9,05270733	-0,047	0,307
CHR9	9540861	CHR9:9540861	SSF x Near_LoA	-8,64328158	0,063	0,312
CHR9	9540867	CHR9:9540867	SSF x Near_LoA	-10,2708082	0,176	0,292
CHR9	9540956	CHR9:9540956	SSF x Near_LoA	-10,9850743	0,001	0,302
CHR9	9543028	CHR9:9543028	SSF x Near_LoA	-7,91044941	-0,023	0,313
CHR9	9543092	CHR9:9543092	SSF x Near_LoA	-10,9839253	-0,099	0,294
CHR9	9543146	CHR9:9543146	SSF x Near_LoA	-3,20789494	0,089	0,319
CHR9	9543186	CHR9:9543186	SSF x Near_LoA	-9,37725374	-0,047	0,312
CHR9	9543270	CHR9:9543270	SSF x Near_LoA	-11,1577583	0,053	0,311
CHR9	9543342	CHR9:9543342	SSF x Near_LoA	-11,5961866	0,015	0,298
CHR9	9546420	CHR9:9546420	SSF x Near_LoA	-6,66205239	-0,124	0,300
CHR9	9546450	CHR9:9546450	SSF x Near_LoA	-10,6203227	0,113	0,300
CHR9	9546599	CHR9:9546599	SSF x Near_LoA	-8,21202192	0,064	0,298
CHR9	9546613	CHR9:9546613	SSF x Near_LoA	-8,33430212	-0,015	0,275

CHR9	9550820	CHR9:9550820	SSF x Near_LoA	-9,24075482	0,020	0,299
CHR9	9550835	CHR9:9550835	SSF x Near_LoA	-10,5893367	-0,062	0,307
CHR9	9550961	CHR9:9550961	SSF x Near_LoA	-10,1468362	-0,033	0,298
CHR9	9551092	CHR9:9551092	SSF x Near_LoA	-9,62853702	0,073	0,307
CHR9	9551100	CHR9:9551100	SSF x Near_LoA	-6,06556823	0,085	0,323
CHR9	9551115	CHR9:9551115	SSF x Near_LoA	-8,78632344	-0,002	0,308
CHR9	9557773	CHR9:9557773	SSF x Near_LoA	-9,55703011	-0,023	0,300
CHR9	9557961	CHR9:9557961	SSF x Near_LoA	-8,63459778	0,020	0,319
CHR9	9560959	CHR9:9560959	SSF x Near_LoA	-8,76492756	0,103	0,306
CHR9	9561080	CHR9:9561080	SSF x Near_LoA	-9,789151	0,038	0,324
CHR9	9568286	CHR9:9568286	SSF x Near_LoA	-9,98625308	0,063	0,297
CHR9	9568296	CHR9:9568296	SSF x Near_LoA	-7,84965196	0,081	0,307
CHR9	9568353	CHR9:9568353	SSF x Near_LoA	-9,03674282	0,079	0,301
CHR9	9568409	CHR9:9568409	SSF x Near_LoA	-8,17357052	-0,067	0,305
CHR9	9568523	CHR9:9568523	SSF x Near_LoA	-9,40922496	-0,028	0,315
CHR9	9568563	CHR9:9568563	SSF x Near_LoA	-5,30525286	-0,140	0,301
CHR9	9572015	CHR9:9572015	SSF x Near_LoA	-7,02025621	-0,048	0,311
CHR9	9572277	CHR9:9572277	SSF x Near_LoA	-10,6009717	0,042	0,311
CHR9	9574640	CHR9:9574640	SSF x Near_LoA	-10,6228274	0,081	0,302
CHR9	9574649	CHR9:9574649	SSF x Near_LoA	-8,01739417	0,143	0,306
CHR9	9579104	CHR9:9579104	SSF x Near_LoA	-10,0367055	-0,026	0,295
CHR9	9579293	CHR9:9579293	SSF x Near_LoA	-7,69463248	0,090	0,316
CHR9	9579301	CHR9:9579301	SSF x Near_LoA	-10,5627186	-0,034	0,297
CHR9	9579305	CHR9:9579305	SSF x Near_LoA	-10,1074549	-0,021	0,306
CHR9	9589654	CHR9:9589654	SSF x Near_LoA	-9,4263339	0,016	0,295
CHR9	9590824	CHR9:9590824	SSF x Near_LoA	-7,61718368	0,086	0,310
CHR9	9595521	CHR9:9595521	SSF x Near_LoA	-11,5229393	0,059	0,298
CHR9	9595711	CHR9:9595711	SSF x Near_LoA	-9,93947406	-0,052	0,302
CHR9	9595809	CHR9:9595809	SSF x Near_LoA	-8,26754728	-0,027	0,301
CHR9	9607928	CHR9:9607928	SSF x Near_LoA	-7,54657693	-0,017	0,324
CHR9	9607935	CHR9:9607935	SSF x Near_LoA	-9,37599773	-0,049	0,328
CHR9	9608027	CHR9:9608027	SSF x Near_LoA	-10,2500644	-0,057	0,305
CHR9	9608081	CHR9:9608081	SSF x Near_LoA	-9,38281682	0,135	0,303
CHR9	9611976	CHR9:9611976	SSF x Near_LoA	-8,22229959	-0,030	0,300
CHR9	9621663	CHR9:9621663	SSF x Near_LoA	-10,4759668	-0,019	0,307
CHR9	9621683	CHR9:9621683	SSF x Near_LoA	-8,55542762	-0,085	0,307
CHR9	9630820	CHR9:9630820	SSF x Near_LoA	-10,200626	0,185	0,291
CHR9	9630981	CHR9:9630981	SSF x Near_LoA	-7,64419391	-0,214	0,298
CHR9	9633998	CHR9:9633998	SSF x Near_LoA	-8,96155034	-0,026	0,314
CHR9	9634014	CHR9:9634014	SSF x Near_LoA	-8,4825133	-0,035	0,292
CHR9	9634153	CHR9:9634153	SSF x Near_LoA	-9,72953085	-0,082	0,305
CHR9	9635277	CHR9:9635277	SSF x Near_LoA	-10,0073574	-0,065	0,307
CHR9	9635487	CHR9:9635487	SSF x Near_LoA	-6,98718143	-0,146	0,299
CHR9	9635587	CHR9:9635587	SSF x Near_LoA	-10,81448	-0,077	0,307
CHR9	9639633	CHR9:9639633	SSF x Near_LoA	-4,3387415	-0,048	0,312
CHR9	9639671	CHR9:9639671	SSF x Near_LoA	-8,0155147	-0,065	0,300
CHR9	9639761	CHR9:9639761	SSF x Near_LoA	-9,356023	0,023	0,293
CHR9	9639798	CHR9:9639798	SSF x Near_LoA	-9,72500334	-0,005	0,299
CHR9	9639814	CHR9:9639814	SSF x Near_LoA	-8,31974752	0,075	0,291
CHR9	9639815	CHR9:9639815	SSF x Near_LoA	-7,8011863	-0,064	0,308
CHR9	9639836	CHR9:9639836	SSF x Near_LoA	-5,79844801	0,166	0,302
CHR9	9639846	CHR9:9639846	SSF x Near_LoA	-11,0741065	-0,022	0,290
CHR9	9639861	CHR9:9639861	SSF x Near_LoA	-10,8510735	0,028	0,304

CHR9	9639879	CHR9:9639879	SSF x Near_LoA	-10,6403897	0,016	0,315
CHR9	9639883	CHR9:9639883	SSF x Near_LoA	-8,47022375	-0,007	0,314
CHR9	9639905	CHR9:9639905	SSF x Near_LoA	-10,962404	-0,005	0,303
CHR9	9639911	CHR9:9639911	SSF x Near_LoA	-9,47194853	0,019	0,315
CHR9	9655151	CHR9:9655151	SSF x Near_LoA	-7,32124195	0,092	0,312
CHR9	9655166	CHR9:9655166	SSF x Near_LoA	-7,23052989	0,061	0,325
CHR9	9657833	CHR9:9657833	SSF x Near_LoA	-9,52900335	-0,060	0,310
CHR9	9679301	CHR9:9679301	SSF x Near_LoA	-12,2359368	-0,068	0,307
CHR9	9679495	CHR9:9679495	SSF x Near_LoA	-3,41385071	0,067	0,296
CHR9	9679502	CHR9:9679502	SSF x Near_LoA	-8,67456144	0,031	0,316
CHR9	9683955	CHR9:9683955	SSF x Near_LoA	-10,4200909	0,022	0,304
CHR9	9684882	CHR9:9684882	SSF x Near_LoA	-8,38026353	-0,127	0,294
CHR9	9688306	CHR9:9688306	SSF x Near_LoA	-10,3419619	-0,077	0,296
CHR9	9696550	CHR9:9696550	SSF x Near_LoA	-9,52204004	0,056	0,306
CHR9	9696750	CHR9:9696750	SSF x Near_LoA	-9,67445013	-0,095	0,325
CHR9	9707934	CHR9:9707934	SSF x Near_LoA	-8,32376709	-0,034	0,316
CHR9	9712986	CHR9:9712986	SSF x Near_LoA	-10,8200129	-0,052	0,305
CHR9	9713063	CHR9:9713063	SSF x Near_LoA	-9,94552043	-0,069	0,318
CHR9	9719623	CHR9:9719623	SSF x Near_LoA	-8,98075241	-0,010	0,309
CHR9	9739633	CHR9:9739633	SSF x Near_LoA	-9,24067909	0,081	0,308
CHR9	9741365	CHR9:9741365	SSF x Near_LoA	-8,4027472	-0,033	0,319
CHR9	9741368	CHR9:9741368	SSF x Near_LoA	-10,8524693	-0,031	0,301
CHR9	9741406	CHR9:9741406	SSF x Near_LoA	-9,17714582	-0,019	0,309
CHR9	974752	CHR9:974752	SSF x Near_LoA	3,48816565	0,045	0,331
CHR9	9750790	CHR9:9750790	SSF x Near_LoA	-11,4197978	-0,019	0,311
CHR9	9750801	CHR9:9750801	SSF x Near_LoA	-10,9827575	-0,039	0,303
CHR9	9750813	CHR9:9750813	SSF x Near_LoA	-7,21257724	0,023	0,325
CHR9	9750818	CHR9:9750818	SSF x Near_LoA	-9,382327	-0,141	0,305
CHR9	9750827	CHR9:9750827	SSF x Near_LoA	-9,62286287	0,025	0,317
CHR9	9750839	CHR9:9750839	SSF x Near_LoA	-9,32771958	0,106	0,305
CHR9	9750857	CHR9:9750857	SSF x Near_LoA	-11,5654145	-0,090	0,300
CHR9	9750859	CHR9:9750859	SSF x Near_LoA	-9,63425434	-0,089	0,310
CHR9	9750862	CHR9:9750862	SSF x Near_LoA	-10,4152551	-0,092	0,310
CHR9	9750864	CHR9:9750864	SSF x Near_LoA	-10,4927219	-0,089	0,306
CHR9	9750871	CHR9:9750871	SSF x Near_LoA	-10,1590738	-0,113	0,307
CHR9	9750879	CHR9:9750879	SSF x Near_LoA	-11,0027294	-0,039	0,300
CHR9	9750886	CHR9:9750886	SSF x Near_LoA	-11,2560527	-0,066	0,306
CHR9	9750894	CHR9:9750894	SSF x Near_LoA	-11,4708091	-0,052	0,301
CHR9	9750932	CHR9:9750932	SSF x Near_LoA	-8,19446034	-0,003	0,325
CHR9	9750961	CHR9:9750961	SSF x Near_LoA	-4,1148907	-0,152	0,296
CHR9	9750969	CHR9:9750969	SSF x Near_LoA	-6,89968605	-0,102	0,320
CHR9	9756408	CHR9:9756408	SSF x Near_LoA	-10,227844	-0,053	0,305
CHR9	9764488	CHR9:9764488	SSF x Near_LoA	-8,33421079	-0,034	0,311
CHR9	9764489	CHR9:9764489	SSF x Near_LoA	-10,625338	0,010	0,306
CHR9	9764626	CHR9:9764626	SSF x Near_LoA	-8,87040076	-0,165	0,296
CHR9	9764744	CHR9:9764744	SSF x Near_LoA	-6,05366775	-0,059	0,315
CHR9	9765751	CHR9:9765751	SSF x Near_LoA	-8,55042659	0,000	0,303
CHR9	9772847	CHR9:9772847	SSF x Near_LoA	-9,21895888	0,096	0,312
CHR9	9772898	CHR9:9772898	SSF x Near_LoA	-8,25274522	-0,075	0,304
CHR9	9772917	CHR9:9772917	SSF x Near_LoA	-9,02317555	-0,094	0,305
CHR9	9772999	CHR9:9772999	SSF x Near_LoA	-8,99651606	-0,039	0,319
CHR9	9773021	CHR9:9773021	SSF x Near_LoA	-10,0353773	0,025	0,313
CHR9	9783178	CHR9:9783178	SSF x Near_LoA	-2,12564293	0,120	0,312

CHR9	9783187	CHR9:9783187	SSF x Near_LoA	-8,24646935	0,130	0,295
CHR9	9783211	CHR9:9783211	SSF x Near_LoA	-7,83448218	0,003	0,300
CHR9	9783252	CHR9:9783252	SSF x Near_LoA	-6,32353026	-0,063	0,310
CHR9	9783291	CHR9:9783291	SSF x Near_LoA	-9,15723816	-0,069	0,296
CHR9	9783301	CHR9:9783301	SSF x Near_LoA	-7,14309292	-0,072	0,305
CHR9	9789236	CHR9:9789236	SSF x Near_LoA	-3,32484001	0,131	0,313
CHR9	9792870	CHR9:9792870	SSF x Near_LoA	-8,10684703	-0,157	0,300
CHR9	9792907	CHR9:9792907	SSF x Near_LoA	-9,77137515	-0,024	0,302
CHR9	9792947	CHR9:9792947	SSF x Near_LoA	-10,4226279	-0,022	0,300
CHR9	9792954	CHR9:9792954	SSF x Near_LoA	-5,09151467	0,069	0,320
CHR9	9792955	CHR9:9792955	SSF x Near_LoA	-8,82816231	0,046	0,305
CHR9	9792969	CHR9:9792969	SSF x Near_LoA	-9,77966355	0,007	0,311
CHR9	9792979	CHR9:9792979	SSF x Near_LoA	-6,69687519	-0,184	0,318
CHR9	9793024	CHR9:9793024	SSF x Near_LoA	-4,85866159	0,095	0,301
CHR9	9793026	CHR9:9793026	SSF x Near_LoA	-9,08941461	0,042	0,304
CHR9	9793029	CHR9:9793029	SSF x Near_LoA	-9,00488278	0,120	0,292
CHR9	9793039	CHR9:9793039	SSF x Near_LoA	-8,13323988	0,055	0,303
CHR9	9793062	CHR9:9793062	SSF x Near_LoA	-8,14803001	-0,035	0,311
CHR9	9796034	CHR9:9796034	SSF x Near_LoA	-12,0064276	-0,012	0,304
CHR9	9796076	CHR9:9796076	SSF x Near_LoA	-8,13272755	0,038	0,313
CHR9	9796087	CHR9:9796087	SSF x Near_LoA	-10,6179604	-0,070	0,312
CHR9	9796944	CHR9:9796944	SSF x Near_LoA	-10,229431	-0,029	0,298
CHR9	9797026	CHR9:9797026	SSF x Near_LoA	-9,14631782	-0,053	0,321
CHR9	9797041	CHR9:9797041	SSF x Near_LoA	-8,90413849	-0,064	0,311
CHR9	9804190	CHR9:9804190	SSF x Near_LoA	-9,10257181	-0,028	0,303
CHR9	9804217	CHR9:9804217	SSF x Near_LoA	-9,45369933	-0,038	0,285
CHR9	9804243	CHR9:9804243	SSF x Near_LoA	-9,16279237	-0,033	0,282
CHR9	9804250	CHR9:9804250	SSF x Near_LoA	-8,85686642	-0,012	0,297
CHR9	9808713	CHR9:9808713	SSF x Near_LoA	-9,08254501	0,040	0,311
CHR9	9816896	CHR9:9816896	SSF x Near_LoA	-5,24316265	-0,022	0,307
CHR9	9816984	CHR9:9816984	SSF x Near_LoA	-10,4998276	-0,027	0,302
CHR9	9816996	CHR9:9816996	SSF x Near_LoA	-9,66987981	0,008	0,308
CHR9	9817002	CHR9:9817002	SSF x Near_LoA	-10,0192766	0,055	0,304
CHR9	9817014	CHR9:9817014	SSF x Near_LoA	-10,5628496	0,041	0,307
CHR9	9817093	CHR9:9817093	SSF x Near_LoA	-9,59309264	-0,027	0,304
CHR9	9821372	CHR9:9821372	SSF x Near_LoA	-11,6427613	0,074	0,303
CHR9	9821383	CHR9:9821383	SSF x Near_LoA	-8,69512876	0,077	0,295
CHR9	9821393	CHR9:9821393	SSF x Near_LoA	-8,63707863	0,113	0,308
CHR9	9821454	CHR9:9821454	SSF x Near_LoA	-11,3724123	0,054	0,309
CHR9	9821464	CHR9:9821464	SSF x Near_LoA	-10,2734827	-0,054	0,303
CHR9	9822038	CHR9:9822038	SSF x Near_LoA	-10,3686995	0,018	0,303
CHR9	9822067	CHR9:9822067	SSF x Near_LoA	-8,69700254	0,052	0,312
CHR9	9822110	CHR9:9822110	SSF x Near_LoA	-6,95757197	-0,139	0,313
CHR9	9832994	CHR9:9832994	SSF x Near_LoA	-8,23085762	0,155	0,308
CHR9	9843810	CHR9:9843810	SSF x Near_LoA	-10,4033598	0,037	0,313
CHR9	9843867	CHR9:9843867	SSF x Near_LoA	-7,29386139	0,152	0,306
CHR9	9843959	CHR9:9843959	SSF x Near_LoA	-4,48478728	0,204	0,311
CHR9	984632	CHR9:984632	SSF x Near_LoA	-8,67569595	0,014	0,310
CHR9	984636	CHR9:984636	SSF x Near_LoA	-8,49614476	0,020	0,293
CHR9	9854120	CHR9:9854120	SSF x Near_LoA	-7,40284376	-0,086	0,306
CHR9	9854133	CHR9:9854133	SSF x Near_LoA	-9,11793947	-0,031	0,313
CHR9	9854184	CHR9:9854184	SSF x Near_LoA	-7,78881239	-0,107	0,297
CHR9	9854235	CHR9:9854235	SSF x Near_LoA	-8,42538106	-0,074	0,308

CHR9	9854242	CHR9:9854242	SSF x Near_LoA	-9,40523023	-0,101	0,288
CHR9	9854262	CHR9:9854262	SSF x Near_LoA	-4,55954527	-0,071	0,312
CHR9	9863989	CHR9:9863989	SSF x Near_LoA	-7,41319087	0,040	0,319
CHR9	9864002	CHR9:9864002	SSF x Near_LoA	-7,99238185	0,135	0,311
CHR9	9864093	CHR9:9864093	SSF x Near_LoA	-9,9334525	0,035	0,296
CHR9	9864094	CHR9:9864094	SSF x Near_LoA	-8,57226057	0,037	0,304
CHR9	9864095	CHR9:9864095	SSF x Near_LoA	-6,28060223	0,023	0,331
CHR9	9864168	CHR9:9864168	SSF x Near_LoA	-12,0077075	0,008	0,301
CHR9	9864233	CHR9:9864233	SSF x Near_LoA	-9,26685077	-0,022	0,305
CHR9	9864304	CHR9:9864304	SSF x Near_LoA	-11,0487928	0,049	0,312
CHR9	9868566	CHR9:9868566	SSF x Near_LoA	-9,04863069	0,105	0,302
CHR9	9868690	CHR9:9868690	SSF x Near_LoA	-11,3453163	-0,008	0,306
CHR9	9868782	CHR9:9868782	SSF x Near_LoA	-9,34788856	-0,009	0,306
CHR9	9868792	CHR9:9868792	SSF x Near_LoA	-7,66441045	-0,055	0,307
CHR9	9878140	CHR9:9878140	SSF x Near_LoA	-8,49226531	0,030	0,306
CHR9	9878241	CHR9:9878241	SSF x Near_LoA	-9,84013097	0,022	0,307
CHR9	9878242	CHR9:9878242	SSF x Near_LoA	-9,49372596	-0,025	0,321
CHR9	9878283	CHR9:9878283	SSF x Near_LoA	-10,7911057	0,023	0,306
CHR9	9878285	CHR9:9878285	SSF x Near_LoA	-8,01768612	0,094	0,301
CHR9	9878333	CHR9:9878333	SSF x Near_LoA	-6,98200096	0,009	0,300
CHR9	9878335	CHR9:9878335	SSF x Near_LoA	3,42417131	0,017	0,313
CHR9	9878391	CHR9:9878391	SSF x Near_LoA	-11,2204172	-0,045	0,310
CHR9	9881388	CHR9:9881388	SSF x Near_LoA	-10,9638061	0,033	0,309
CHR9	9881402	CHR9:9881402	SSF x Near_LoA	-10,0933242	-0,070	0,309
CHR9	9881423	CHR9:9881423	SSF x Near_LoA	-11,7251698	-0,020	0,311
CHR9	9881685	CHR9:9881685	SSF x Near_LoA	-8,86576263	0,065	0,302
CHR9	9881690	CHR9:9881690	SSF x Near_LoA	-7,55170026	0,069	0,305
CHR9	9887397	CHR9:9887397	SSF x Near_LoA	-7,72550206	-0,085	0,316
CHR9	9887526	CHR9:9887526	SSF x Near_LoA	-9,62269105	-0,059	0,307
CHR9	9888924	CHR9:9888924	SSF x Near_LoA	-7,75415476	-0,044	0,320
CHR9	9888966	CHR9:9888966	SSF x Near_LoA	-9,3099432	0,068	0,314
CHR9	9888973	CHR9:9888973	SSF x Near_LoA	-10,3572118	-0,076	0,312
CHR9	9889083	CHR9:9889083	SSF x Near_LoA	-10,5884651	-0,016	0,309
CHR9	9891448	CHR9:9891448	SSF x Near_LoA	-8,51899566	-0,028	0,296
CHR9	9891465	CHR9:9891465	SSF x Near_LoA	-8,39788635	0,021	0,320
CHR9	9891471	CHR9:9891471	SSF x Near_LoA	-8,00764136	-0,001	0,321
CHR9	9891492	CHR9:9891492	SSF x Near_LoA	-4,01567743	-0,148	0,301
CHR9	9891524	CHR9:9891524	SSF x Near_LoA	-8,56668935	-0,026	0,298
CHR9	9891584	CHR9:9891584	SSF x Near_LoA	-11,3081482	-0,026	0,308
CHR9	9891612	CHR9:9891612	SSF x Near_LoA	-8,92678842	-0,061	0,312
CHR9	9891634	CHR9:9891634	SSF x Near_LoA	-8,95833387	-0,022	0,315
CHR9	9891695	CHR9:9891695	SSF x Near_LoA	-10,0918749	-0,084	0,308
CHR9	9893785	CHR9:9893785	SSF x Near_LoA	-11,0865879	0,033	0,307
CHR9	9893823	CHR9:9893823	SSF x Near_LoA	-10,0282726	-0,039	0,326
CHR9	9893968	CHR9:9893968	SSF x Near_LoA	-9,75865765	0,031	0,313
CHR9	9894043	CHR9:9894043	SSF x Near_LoA	-7,5347341	0,062	0,322
CHR9	9919747	CHR9:9919747	SSF x Near_LoA	-10,5023558	-0,009	0,321
CHR9	9920077	CHR9:9920077	SSF x Near_LoA	-8,86788895	0,000	0,302
CHR9	9925935	CHR9:9925935	SSF x Near_LoA	-7,45792509	0,067	0,313
CHR9	9925984	CHR9:9925984	SSF x Near_LoA	-7,32616868	-0,042	0,310
CHR9	9926003	CHR9:9926003	SSF x Near_LoA	-8,81538642	-0,035	0,309
CHR9	9930064	CHR9:9930064	SSF x Near_LoA	-4,61059867	-0,132	0,308
CHR9	9932599	CHR9:9932599	SSF x Near_LoA	-7,52460221	-0,111	0,315

CHR9	9938401	CHR9:9938401	SSF x Near_LoA	-9,49301391	-0,063	0,307
CHR9	9938444	CHR9:9938444	SSF x Near_LoA	-10,4524392	-0,075	0,312
CHR9	9938486	CHR9:9938486	SSF x Near_LoA	-10,7930262	-0,081	0,313
CHR9	9938590	CHR9:9938590	SSF x Near_LoA	-8,04647637	0,052	0,309
CHR9	9938601	CHR9:9938601	SSF x Near_LoA	-8,36878153	0,033	0,295
CHR9	9938652	CHR9:9938652	SSF x Near_LoA	-4,93024375	-0,034	0,325
CHR9	9945944	CHR9:9945944	SSF x Near_LoA	-8,92075899	0,045	0,323
CHR9	9952884	CHR9:9952884	SSF x Near_LoA	-10,9687539	0,035	0,316
CHR9	9952921	CHR9:9952921	SSF x Near_LoA	-8,43150884	0,081	0,311
CHR9	9952993	CHR9:9952993	SSF x Near_LoA	-7,82667342	0,107	0,316
CHR9	9953020	CHR9:9953020	SSF x Near_LoA	-8,74658651	0,053	0,308
CHR9	9953027	CHR9:9953027	SSF x Near_LoA	-6,38810572	-0,017	0,307
CHR9	9953076	CHR9:9953076	SSF x Near_LoA	-6,97417801	0,057	0,301
CHR9	9953091	CHR9:9953091	SSF x Near_LoA	-8,80402187	-0,047	0,308
CHR9	9956988	CHR9:9956988	SSF x Near_LoA	-5,37945379	-0,110	0,308
CHR9	9968301	CHR9:9968301	SSF x Near_LoA	-12,170045	0,027	0,298
CHR9	9968376	CHR9:9968376	SSF x Near_LoA	-8,21350647	-0,022	0,327
CHR9	9980765	CHR9:9980765	SSF x Near_LoA	-7,9728338	0,064	0,308
CHR9	9980943	CHR9:9980943	SSF x Near_LoA	-7,47570004	-0,115	0,303
CHR9	9983878	CHR9:9983878	SSF x Near_LoA	-9,82557882	0,021	0,310
CHR9	9983909	CHR9:9983909	SSF x Near_LoA	-9,15947808	-0,064	0,310
CHR9	9983940	CHR9:9983940	SSF x Near_LoA	-9,11224803	0,058	0,309
CHR9	9987836	CHR9:9987836	SSF x Near_LoA	-9,28373999	0,032	0,301
CHR9	9999032	CHR9:9999032	SSF x Near_LoA	-9,40652963	-0,123	0,295
CHR1	1E+07	CHR1:10001248	SSF x Far_LoA	-10,9860477	0,065	0,299
CHR1	1E+07	CHR1:10001777	SSF x Far_LoA	-8,01913123	0,133	0,291
CHR1	1E+07	CHR1:10001779	SSF x Far_LoA	17,7984096	0,140	0,314
CHR1	1E+07	CHR1:10001868	SSF x Far_LoA	-6,20166089	-0,009	0,312
CHR1	1E+07	CHR1:10011316	SSF x Far_LoA	-10,0159663	0,072	0,312
CHR1	1E+07	CHR1:10011436	SSF x Far_LoA	-7,55564383	0,163	0,308
CHR1	1E+07	CHR1:10017110	SSF x Far_LoA	-7,64504457	-0,166	0,292
CHR1	1E+07	CHR1:10020657	SSF x Far_LoA	-9,84903475	0,165	0,298
CHR1	1E+07	CHR1:10020711	SSF x Far_LoA	-10,3663052	0,004	0,316
CHR1	1E+07	CHR1:10046683	SSF x Far_LoA	-8,35149635	0,097	0,298
CHR1	1E+07	CHR1:10046702	SSF x Far_LoA	-8,34554514	-0,003	0,304
CHR1	1E+07	CHR1:10046725	SSF x Far_LoA	-11,4524562	-0,041	0,310
CHR1	1E+07	CHR1:10046756	SSF x Far_LoA	-3,20796328	-0,088	0,301
CHR1	1E+07	CHR1:10051923	SSF x Far_LoA	-2,96358792	-0,201	0,306
CHR1	1E+07	CHR1:10052086	SSF x Far_LoA	-11,1783263	0,081	0,301
CHR1	1E+07	CHR1:10052208	SSF x Far_LoA	-10,7022863	0,047	0,301
CHR1	1E+07	CHR1:10054056	SSF x Far_LoA	-9,78122273	-0,020	0,312
CHR1	1E+07	CHR1:10054072	SSF x Far_LoA	-8,54155912	-0,107	0,315
CHR1	1E+07	CHR1:10054130	SSF x Far_LoA	-8,59775673	0,007	0,318
CHR1	1005805	CHR1:1005805	SSF x Far_LoA	-8,82188402	-0,063	0,303
CHR1	1005872	CHR1:1005872	SSF x Far_LoA	-9,12951482	0,057	0,305
CHR1	1E+07	CHR1:10068281	SSF x Far_LoA	-5,3888209	-0,182	0,296
CHR1	1E+07	CHR1:10071778	SSF x Far_LoA	-11,45428	-0,065	0,312
CHR1	1E+07	CHR1:10071787	SSF x Far_LoA	-7,51032659	0,114	0,300
CHR1	1E+07	CHR1:10071813	SSF x Far_LoA	-11,4917064	-0,024	0,306
CHR1	1E+07	CHR1:10071828	SSF x Far_LoA	-7,66555053	0,134	0,300
CHR1	1E+07	CHR1:10071843	SSF x Far_LoA	-9,09228308	0,063	0,314
CHR1	1E+07	CHR1:10071881	SSF x Far_LoA	-9,7331132	-0,068	0,322
CHR1	1E+07	CHR1:10071890	SSF x Far_LoA	-10,0916014	-0,116	0,310

CHR1	1E+07	CHR1:10072898	SSF x Far_LoA	-10,0258001	-0,129	0,305
CHR1	1E+07	CHR1:10084992	SSF x Far_LoA	-9,84776651	-0,012	0,320
CHR1	1E+07	CHR1:10084998	SSF x Far_LoA	-8,53212758	-0,049	0,304
CHR1	1E+07	CHR1:10085023	SSF x Far_LoA	-6,83211849	-0,067	0,314
CHR1	1009498	CHR1:1009498	SSF x Far_LoA	-11,2154091	0,043	0,298
CHR1	1009518	CHR1:1009518	SSF x Far_LoA	-9,70835651	0,024	0,299
CHR1	1009521	CHR1:1009521	SSF x Far_LoA	-11,3905429	0,043	0,312
CHR1	1009523	CHR1:1009523	SSF x Far_LoA	-3,74858506	0,037	0,303
CHR1	1E+07	CHR1:10106682	SSF x Far_LoA	-9,97582563	0,011	0,311
CHR1	1E+07	CHR1:10106729	SSF x Far_LoA	-5,35308698	0,110	0,302
CHR1	1E+07	CHR1:10106921	SSF x Far_LoA	-10,0551612	0,115	0,302
CHR1	1E+07	CHR1:10120282	SSF x Far_LoA	-8,83075471	-0,087	0,291
CHR1	1E+07	CHR1:10120286	SSF x Far_LoA	-12,2669974	-0,009	0,303
CHR1	1E+07	CHR1:10120303	SSF x Far_LoA	-11,394514	0,126	0,296
CHR1	1E+07	CHR1:10120321	SSF x Far_LoA	-11,9028572	0,023	0,319
CHR1	1E+07	CHR1:10129980	SSF x Far_LoA	-9,98141812	-0,027	0,284
CHR1	1E+07	CHR1:10129986	SSF x Far_LoA	-7,25416195	-0,041	0,305
CHR1	1E+07	CHR1:10129994	SSF x Far_LoA	-10,1455514	-0,004	0,295
CHR1	1E+07	CHR1:10129999	SSF x Far_LoA	-9,84643927	0,068	0,306
CHR1	1E+07	CHR1:10130011	SSF x Far_LoA	-9,46260137	0,072	0,300
CHR1	1E+07	CHR1:10130012	SSF x Far_LoA	-8,65601757	-0,035	0,305
CHR1	1E+07	CHR1:10130027	SSF x Far_LoA	-6,27616915	0,091	0,306
CHR1	1E+07	CHR1:10130032	SSF x Far_LoA	-8,75815491	0,075	0,310
CHR1	1E+07	CHR1:10130045	SSF x Far_LoA	-9,7778075	0,045	0,300
CHR1	1E+07	CHR1:10130049	SSF x Far_LoA	-9,3662379	0,022	0,299
CHR1	1E+07	CHR1:10130108	SSF x Far_LoA	-8,77573426	0,039	0,318
CHR1	1E+07	CHR1:10130179	SSF x Far_LoA	-8,80937738	-0,087	0,310
CHR1	1E+07	CHR1:10130186	SSF x Far_LoA	-9,22219986	-0,077	0,298
CHR1	1E+07	CHR1:10130200	SSF x Far_LoA	-8,7323408	0,052	0,314
CHR1	1013509	CHR1:1013509	SSF x Far_LoA	-8,01643804	0,020	0,315
CHR1	1013573	CHR1:1013573	SSF x Far_LoA	-11,1279083	-0,080	0,307
CHR1	1013597	CHR1:1013597	SSF x Far_LoA	-10,7730962	0,040	0,304
CHR1	1E+07	CHR1:10140225	SSF x Far_LoA	-11,2266885	0,091	0,299
CHR1	1E+07	CHR1:10140340	SSF x Far_LoA	-5,68286815	0,062	0,308
CHR1	1E+07	CHR1:10140354	SSF x Far_LoA	-8,69487048	0,015	0,326
CHR1	1E+07	CHR1:10145449	SSF x Far_LoA	-3,2399042	0,120	0,302
CHR1	1E+07	CHR1:10152549	SSF x Far_LoA	-8,91119274	0,049	0,292
CHR1	1E+07	CHR1:10152568	SSF x Far_LoA	-9,33080142	-0,005	0,298
CHR1	1E+07	CHR1:10152581	SSF x Far_LoA	-8,49439637	-0,053	0,307
CHR1	1E+07	CHR1:10152588	SSF x Far_LoA	-9,91708201	0,055	0,300
CHR1	1E+07	CHR1:10152617	SSF x Far_LoA	-8,89133097	-0,057	0,310
CHR1	1E+07	CHR1:10152689	SSF x Far_LoA	-7,60400401	-0,025	0,314
CHR1	1E+07	CHR1:10152726	SSF x Far_LoA	-2,45036508	-0,128	0,304
CHR1	1E+07	CHR1:10152728	SSF x Far_LoA	-7,10674866	-0,075	0,293
CHR1	1E+07	CHR1:10152765	SSF x Far_LoA	-7,65456072	-0,077	0,300
CHR1	1E+07	CHR1:10152784	SSF x Far_LoA	-8,51875998	0,135	0,296
CHR1	1E+07	CHR1:10152794	SSF x Far_LoA	-9,84965692	0,104	0,306
CHR1	1E+07	CHR1:10156996	SSF x Far_LoA	-10,8849561	-0,084	0,308
CHR1	1020054	CHR1:1020054	SSF x Far_LoA	-7,35391568	0,100	0,321
CHR1	1E+07	CHR1:10210572	SSF x Far_LoA	-10,1442779	0,101	0,293
CHR1	1E+07	CHR1:10210609	SSF x Far_LoA	-9,2206715	0,084	0,300
CHR1	1E+07	CHR1:10210695	SSF x Far_LoA	-6,96605557	0,004	0,322
CHR1	1E+07	CHR1:10211924	SSF x Far_LoA	-11,8374852	-0,026	0,306

CHR1	1E+07	CHR1:10211955	SSF x Far_LoA	-10,2398223	0,008	0,311
CHR1	1021523	CHR1:1021523	SSF x Far_LoA	-11,936475	0,050	0,296
CHR1	1021524	CHR1:1021524	SSF x Far_LoA	-9,81706334	-0,024	0,305
CHR1	1E+07	CHR1:10216448	SSF x Far_LoA	-6,7799182	-0,111	0,313
CHR1	1E+07	CHR1:10216678	SSF x Far_LoA	-8,64088342	-0,039	0,309
CHR1	1E+07	CHR1:10216723	SSF x Far_LoA	-2,75487033	0,109	0,286
CHR1	1E+07	CHR1:10224710	SSF x Far_LoA	-7,24994603	-0,141	0,310
CHR1	1E+07	CHR1:10232666	SSF x Far_LoA	-5,36913979	-0,051	0,306
CHR1	1E+07	CHR1:10243514	SSF x Far_LoA	-11,2216504	0,013	0,307
CHR1	1E+07	CHR1:10245533	SSF x Far_LoA	-7,93677058	-0,109	0,314
CHR1	1E+07	CHR1:10245601	SSF x Far_LoA	-10,9795502	-0,069	0,308
CHR1	1E+07	CHR1:10245675	SSF x Far_LoA	-6,7086942	0,226	0,293
CHR1	1E+07	CHR1:10245779	SSF x Far_LoA	-7,40259945	-0,110	0,310
CHR1	1E+07	CHR1:10248022	SSF x Far_LoA	-9,53118026	-0,043	0,311
CHR1	1E+07	CHR1:10248042	SSF x Far_LoA	-9,0251804	-0,018	0,299
CHR1	1E+07	CHR1:10248087	SSF x Far_LoA	-8,68013905	-0,102	0,314
CHR1	1E+07	CHR1:10248224	SSF x Far_LoA	-6,06365738	0,039	0,327
CHR1	1E+07	CHR1:10248317	SSF x Far_LoA	-8,43856306	-0,105	0,298
CHR1	1E+07	CHR1:10256594	SSF x Far_LoA	-11,8451316	0,054	0,288
CHR1	1E+07	CHR1:10273429	SSF x Far_LoA	-9,96451331	-0,035	0,314
CHR1	1E+07	CHR1:10273512	SSF x Far_LoA	-9,74391815	0,104	0,311
CHR1	1E+07	CHR1:10275192	SSF x Far_LoA	-7,07799483	0,195	0,291
CHR1	1E+07	CHR1:10275299	SSF x Far_LoA	-9,65422449	0,084	0,313
CHR1	1E+07	CHR1:10277633	SSF x Far_LoA	-7,29996273	0,204	0,301
CHR1	1E+07	CHR1:10277643	SSF x Far_LoA	-9,28717229	0,150	0,298
CHR1	1E+07	CHR1:10277654	SSF x Far_LoA	-7,5195866	0,133	0,317
CHR1	1E+07	CHR1:10277660	SSF x Far_LoA	-9,76700911	0,013	0,317
CHR1	1E+07	CHR1:10277721	SSF x Far_LoA	-11,6054773	0,027	0,307
CHR1	1E+07	CHR1:10277777	SSF x Far_LoA	-9,36597044	0,013	0,315
CHR1	1E+07	CHR1:10283714	SSF x Far_LoA	-11,3989265	0,075	0,299
CHR1	1E+07	CHR1:10283767	SSF x Far_LoA	-8,26803654	-0,002	0,303
CHR1	1E+07	CHR1:10283851	SSF x Far_LoA	-11,5436511	-0,045	0,299
CHR1	1E+07	CHR1:10307184	SSF x Far_LoA	-9,16987898	0,065	0,286
CHR1	1E+07	CHR1:10308886	SSF x Far_LoA	-9,96308313	-0,022	0,310
CHR1	1E+07	CHR1:10324395	SSF x Far_LoA	-9,59570094	0,063	0,314
CHR1	1E+07	CHR1:10324545	SSF x Far_LoA	-11,4913996	-0,039	0,317
CHR1	1E+07	CHR1:10324549	SSF x Far_LoA	-9,90947182	-0,098	0,314
CHR1	1E+07	CHR1:10324596	SSF x Far_LoA	-9,87979366	-0,135	0,307
CHR1	1E+07	CHR1:10324620	SSF x Far_LoA	-10,9725066	-0,042	0,310
CHR1	1E+07	CHR1:10324621	SSF x Far_LoA	-9,84167431	0,160	0,304
CHR1	1E+07	CHR1:10324650	SSF x Far_LoA	-9,45098641	0,066	0,310
CHR1	1E+07	CHR1:10324678	SSF x Far_LoA	-8,73492405	0,068	0,300
CHR1	1E+07	CHR1:10326022	SSF x Far_LoA	-9,44024522	-0,055	0,305
CHR1	1E+07	CHR1:10326113	SSF x Far_LoA	-10,7095699	0,097	0,295
CHR1	1E+07	CHR1:10326213	SSF x Far_LoA	-9,39826084	0,011	0,307
CHR1	1E+07	CHR1:10326275	SSF x Far_LoA	-8,43482408	0,141	0,305
CHR1	1E+07	CHR1:10335084	SSF x Far_LoA	-8,88729659	-0,040	0,312
CHR1	1E+07	CHR1:10335128	SSF x Far_LoA	-11,3785237	-0,014	0,311
CHR1	1035419	CHR1:1035419	SSF x Far_LoA	-6,70362276	0,048	0,320
CHR1	1E+07	CHR1:10354836	SSF x Far_LoA	-11,8506562	0,053	0,299
CHR1	1E+07	CHR1:10354844	SSF x Far_LoA	-10,7644273	-0,009	0,316
CHR1	1E+07	CHR1:10354861	SSF x Far_LoA	-11,4395128	0,071	0,310
CHR1	1E+07	CHR1:10354862	SSF x Far_LoA	-9,11070606	-0,025	0,303

CHR1	1E+07	CHR1:10354877	SSF x Far_LoA	-9,33630659	-0,024	0,304
CHR1	1E+07	CHR1:10354966	SSF x Far_LoA	-10,8480746	0,031	0,303
CHR1	1E+07	CHR1:10355031	SSF x Far_LoA	-9,22733282	-0,008	0,306
CHR1	1E+07	CHR1:10358913	SSF x Far_LoA	-9,17357427	0,068	0,317
CHR1	1E+07	CHR1:10359187	SSF x Far_LoA	-2,04438711	0,187	0,297
CHR1	1E+07	CHR1:10359193	SSF x Far_LoA	-8,07517225	0,168	0,292
CHR1	1E+07	CHR1:10359208	SSF x Far_LoA	-7,51806576	0,102	0,300
CHR1	1E+07	CHR1:10359217	SSF x Far_LoA	-9,05084304	0,124	0,299
CHR1	1E+07	CHR1:10359221	SSF x Far_LoA	-10,3220909	0,157	0,294
CHR1	1E+07	CHR1:10359254	SSF x Far_LoA	-10,0410494	-0,095	0,292
CHR1	1E+07	CHR1:10359277	SSF x Far_LoA	-9,45974976	-0,039	0,310
CHR1	1E+07	CHR1:10359308	SSF x Far_LoA	-9,02669299	0,017	0,314
CHR1	1037595	CHR1:1037595	SSF x Far_LoA	-11,5915606	0,019	0,295
CHR1	1E+07	CHR1:10376135	SSF x Far_LoA	-11,336177	-0,034	0,309
CHR1	1E+07	CHR1:10376229	SSF x Far_LoA	-10,9275833	-0,051	0,287
CHR1	1E+07	CHR1:10376283	SSF x Far_LoA	-10,2159738	-0,074	0,306
CHR1	1E+07	CHR1:10376303	SSF x Far_LoA	-9,37564156	-0,031	0,300
CHR1	1E+07	CHR1:10388907	SSF x Far_LoA	-10,6036054	0,054	0,300
CHR1	1E+07	CHR1:10388918	SSF x Far_LoA	-9,56195177	-0,053	0,308
CHR1	1E+07	CHR1:10389053	SSF x Far_LoA	-11,1397347	-0,095	0,304
CHR1	1E+07	CHR1:10390615	SSF x Far_LoA	-6,69609229	-0,066	0,314
CHR1	1E+07	CHR1:10390677	SSF x Far_LoA	-8,99063494	-0,013	0,301
CHR1	1E+07	CHR1:10390713	SSF x Far_LoA	-9,7695871	-0,084	0,318
CHR1	1E+07	CHR1:10400945	SSF x Far_LoA	0,57252485	0,138	0,301
CHR1	1E+07	CHR1:10400959	SSF x Far_LoA	-8,75761278	0,056	0,310
CHR1	1E+07	CHR1:10400960	SSF x Far_LoA	-6,99421838	0,026	0,287
CHR1	1E+07	CHR1:10400961	SSF x Far_LoA	-7,86775633	0,076	0,303
CHR1	1E+07	CHR1:10400989	SSF x Far_LoA	-6,4123519	-0,119	0,315
CHR1	1E+07	CHR1:10401320	SSF x Far_LoA	-9,83337955	-0,142	0,310
CHR1	1E+07	CHR1:10401350	SSF x Far_LoA	7,87769635	0,067	0,304
CHR1	1E+07	CHR1:10401354	SSF x Far_LoA	-9,64692847	0,072	0,302
CHR1	1E+07	CHR1:10404293	SSF x Far_LoA	-6,7991863	0,053	0,302
CHR1	1040522	CHR1:1040522	SSF x Far_LoA	-9,32500301	-0,123	0,307
CHR1	1041295	CHR1:1041295	SSF x Far_LoA	-10,6531304	0,076	0,298
CHR1	1041298	CHR1:1041298	SSF x Far_LoA	-10,1421216	-0,067	0,306
CHR1	1E+07	CHR1:10415178	SSF x Far_LoA	-7,20609103	-0,085	0,288
CHR1	1E+07	CHR1:10415181	SSF x Far_LoA	-8,34214627	-0,071	0,302
CHR1	1E+07	CHR1:10423699	SSF x Far_LoA	-9,96160278	-0,018	0,298
CHR1	1E+07	CHR1:10423730	SSF x Far_LoA	-11,6235231	-0,093	0,306
CHR1	1042405	CHR1:1042405	SSF x Far_LoA	-9,03609286	-0,044	0,314
CHR1	1E+07	CHR1:10435073	SSF x Far_LoA	-9,21893087	-0,111	0,301
CHR1	1E+07	CHR1:10442664	SSF x Far_LoA	-9,31580089	0,071	0,293
CHR1	1E+07	CHR1:10442746	SSF x Far_LoA	-7,7547994	-0,190	0,302
CHR1	1E+07	CHR1:10443005	SSF x Far_LoA	-7,66070772	-0,170	0,298
CHR1	1E+07	CHR1:10445093	SSF x Far_LoA	-8,8216596	-0,175	0,298
CHR1	1E+07	CHR1:10445192	SSF x Far_LoA	-5,53980076	-0,187	0,302
CHR1	1E+07	CHR1:10446633	SSF x Far_LoA	-9,51527275	-0,013	0,304
CHR1	1E+07	CHR1:10446691	SSF x Far_LoA	-11,6172545	-0,009	0,330
CHR1	1E+07	CHR1:10446727	SSF x Far_LoA	-11,4994077	0,102	0,307
CHR1	1E+07	CHR1:10446744	SSF x Far_LoA	-9,68888291	-0,044	0,316
CHR1	1044836	CHR1:1044836	SSF x Far_LoA	-12,3998327	-0,020	0,288
CHR1	1044837	CHR1:1044837	SSF x Far_LoA	-10,6691172	-0,046	0,305
CHR1	1045086	CHR1:1045086	SSF x Far_LoA	-9,15973845	0,015	0,318

CHR1	1E+07	CHR1:10458801	SSF x Far_LoA	-11,0678479	0,097	0,297
CHR1	1E+07	CHR1:10459170	SSF x Far_LoA	-10,663294	0,044	0,308
CHR1	1E+07	CHR1:10459261	SSF x Far_LoA	-11,3435283	-0,022	0,304
CHR1	1E+07	CHR1:10461359	SSF x Far_LoA	-9,90530837	0,023	0,312
CHR1	1E+07	CHR1:10461368	SSF x Far_LoA	-11,2155586	-0,006	0,308
CHR1	1E+07	CHR1:10461607	SSF x Far_LoA	-9,00279508	0,013	0,300
CHR1	1E+07	CHR1:10468128	SSF x Far_LoA	-10,6953669	-0,018	0,304
CHR1	1E+07	CHR1:10478574	SSF x Far_LoA	-7,68093385	0,056	0,307
CHR1	1E+07	CHR1:10478582	SSF x Far_LoA	-8,3259231	0,038	0,320
CHR1	1E+07	CHR1:10478733	SSF x Far_LoA	-8,46671149	0,075	0,314
CHR1	1E+07	CHR1:10483979	SSF x Far_LoA	-6,1015936	-0,121	0,300
CHR1	1E+07	CHR1:10484004	SSF x Far_LoA	-7,98847636	-0,148	0,306
CHR1	1E+07	CHR1:10484033	SSF x Far_LoA	-7,93235726	0,100	0,310
CHR1	1E+07	CHR1:10487672	SSF x Far_LoA	-9,14190126	0,110	0,290
CHR1	1E+07	CHR1:10489530	SSF x Far_LoA	-9,19091699	0,061	0,309
CHR1	1E+07	CHR1:10489705	SSF x Far_LoA	-8,92208454	0,021	0,317
CHR1	1E+07	CHR1:10493190	SSF x Far_LoA	-11,2298512	0,006	0,296
CHR1	1E+07	CHR1:10495646	SSF x Far_LoA	-11,521371	-0,019	0,313
CHR1	1E+07	CHR1:10495804	SSF x Far_LoA	-8,72149252	0,055	0,307
CHR1	1E+07	CHR1:10499601	SSF x Far_LoA	-8,45827181	0,112	0,308
CHR1	1E+07	CHR1:10499635	SSF x Far_LoA	-9,7011478	-0,121	0,310
CHR1	1E+07	CHR1:10499699	SSF x Far_LoA	-11,0620385	-0,101	0,307
CHR1	1E+07	CHR1:10499863	SSF x Far_LoA	-10,0216569	-0,013	0,316
CHR1	1E+07	CHR1:10499965	SSF x Far_LoA	-8,8490643	0,088	0,306
CHR1	1055227	CHR1:1055227	SSF x Far_LoA	-9,73583259	-0,121	0,305
CHR1	1055254	CHR1:1055254	SSF x Far_LoA	-10,082494	-0,072	0,315
CHR1	1055261	CHR1:1055261	SSF x Far_LoA	-10,2274707	0,026	0,317
CHR1	10572802	CHR1:10572802	SSF x Far_LoA	-9,49452842	0,112	0,311
CHR1	10573564	CHR1:10573564	SSF x Far_LoA	-11,6196228	0,079	0,302
CHR1	10575408	CHR1:10575408	SSF x Far_LoA	-9,58658646	0,010	0,305
CHR1	10575436	CHR1:10575436	SSF x Far_LoA	-9,24984445	-0,131	0,305
CHR1	10578457	CHR1:10578457	SSF x Far_LoA	-10,2323277	0,113	0,293
CHR1	10578461	CHR1:10578461	SSF x Far_LoA	-8,27394409	0,122	0,293
CHR1	10578497	CHR1:10578497	SSF x Far_LoA	-10,2746269	0,102	0,300
CHR1	10578556	CHR1:10578556	SSF x Far_LoA	-8,85989134	0,110	0,302
CHR1	10578600	CHR1:10578600	SSF x Far_LoA	-10,0989076	0,056	0,297
CHR1	10578671	CHR1:10578671	SSF x Far_LoA	-8,91955177	0,118	0,306
CHR1	10578673	CHR1:10578673	SSF x Far_LoA	-10,3669115	0,091	0,298
CHR1	10578674	CHR1:10578674	SSF x Far_LoA	-9,75027191	0,054	0,313
CHR1	10584437	CHR1:10584437	SSF x Far_LoA	-11,6447209	-0,025	0,300
CHR1	10584462	CHR1:10584462	SSF x Far_LoA	-8,15291874	-0,099	0,304
CHR1	10587387	CHR1:10587387	SSF x Far_LoA	-9,77276836	-0,007	0,312
CHR1	10593080	CHR1:10593080	SSF x Far_LoA	-9,11065153	0,022	0,303
CHR1	10595389	CHR1:10595389	SSF x Far_LoA	-9,3380794	-0,004	0,312
CHR1	10595481	CHR1:10595481	SSF x Far_LoA	-10,2048768	0,025	0,315
CHR1	10595591	CHR1:10595591	SSF x Far_LoA	-7,01381246	-0,110	0,309
CHR1	1059798	CHR1:1059798	SSF x Far_LoA	-9,46448933	0,042	0,306
CHR1	1059802	CHR1:1059802	SSF x Far_LoA	-11,6362691	-0,072	0,302
CHR1	1059852	CHR1:1059852	SSF x Far_LoA	-11,4928724	-0,030	0,309
CHR1	10619317	CHR1:10619317	SSF x Far_LoA	-9,70644524	-0,012	0,298
CHR1	10619617	CHR1:10619617	SSF x Far_LoA	-10,0079363	-0,052	0,310
CHR1	10619663	CHR1:10619663	SSF x Far_LoA	-8,08306956	-0,090	0,318
CHR1	10619678	CHR1:10619678	SSF x Far_LoA	-11,5719769	0,029	0,309

CHR1	10623515	CHR1:10623515	SSF x Far_LoA	-11,245323	-0,067	0,325
CHR1	10623582	CHR1:10623582	SSF x Far_LoA	-6,98409044	0,079	0,299
CHR1	10623586	CHR1:10623586	SSF x Far_LoA	-10,3586627	0,098	0,304
CHR1	10623602	CHR1:10623602	SSF x Far_LoA	-9,42409379	-0,026	0,317
CHR1	10623621	CHR1:10623621	SSF x Far_LoA	-9,82715242	0,081	0,275
CHR1	10637288	CHR1:10637288	SSF x Far_LoA	-10,0012393	-0,038	0,306
CHR1	10639369	CHR1:10639369	SSF x Far_LoA	-10,5492185	-0,017	0,291
CHR1	10639401	CHR1:10639401	SSF x Far_LoA	-10,7920198	0,019	0,315
CHR1	10639428	CHR1:10639428	SSF x Far_LoA	-9,32195913	-0,011	0,310
CHR1	10640559	CHR1:10640559	SSF x Far_LoA	-6,76290034	-0,094	0,307
CHR1	10640607	CHR1:10640607	SSF x Far_LoA	-7,07144123	-0,111	0,311
CHR1	10646029	CHR1:10646029	SSF x Far_LoA	-9,8649038	-0,006	0,300
CHR1	1064678	CHR1:1064678	SSF x Far_LoA	-10,5013039	0,018	0,313
CHR1	10647871	CHR1:10647871	SSF x Far_LoA	-9,49609282	-0,017	0,304
CHR1	10647979	CHR1:10647979	SSF x Far_LoA	-11,3806855	0,029	0,307
CHR1	1064870	CHR1:1064870	SSF x Far_LoA	-9,0418899	0,003	0,307
CHR1	1064904	CHR1:1064904	SSF x Far_LoA	-8,50277185	-0,092	0,295
CHR1	10657621	CHR1:10657621	SSF x Far_LoA	-10,2655767	0,016	0,305
CHR1	10672754	CHR1:10672754	SSF x Far_LoA	-8,53523637	-0,153	0,305
CHR1	10683183	CHR1:10683183	SSF x Far_LoA	-9,22841976	0,049	0,304
CHR1	10683334	CHR1:10683334	SSF x Far_LoA	-7,59224468	0,146	0,292
CHR1	10683417	CHR1:10683417	SSF x Far_LoA	-10,7637833	-0,054	0,309
CHR1	10695133	CHR1:10695133	SSF x Far_LoA	6,81999195	-0,169	0,295
CHR1	10695140	CHR1:10695140	SSF x Far_LoA	-10,6944874	0,000	0,307
CHR1	10695150	CHR1:10695150	SSF x Far_LoA	-1,3923622	0,197	0,286
CHR1	10695155	CHR1:10695155	SSF x Far_LoA	-7,09485176	0,154	0,274
CHR1	10695229	CHR1:10695229	SSF x Far_LoA	-9,13655	-0,083	0,311
CHR1	10695259	CHR1:10695259	SSF x Far_LoA	2,17463786	-0,105	0,315
CHR1	10695320	CHR1:10695320	SSF x Far_LoA	-6,72457304	-0,203	0,309
CHR1	10695321	CHR1:10695321	SSF x Far_LoA	-6,20176039	-0,053	0,303
CHR1	10695336	CHR1:10695336	SSF x Far_LoA	-6,11927042	-0,191	0,302
CHR1	10701715	CHR1:10701715	SSF x Far_LoA	-9,07871606	0,028	0,307
CHR1	10701825	CHR1:10701825	SSF x Far_LoA	-6,51603966	-0,037	0,304
CHR1	10708003	CHR1:10708003	SSF x Far_LoA	-11,6318574	0,030	0,309
CHR1	10711483	CHR1:10711483	SSF x Far_LoA	7,65534902	-0,149	0,306
CHR1	10711484	CHR1:10711484	SSF x Far_LoA	-7,34003991	0,041	0,310
CHR1	10711514	CHR1:10711514	SSF x Far_LoA	-9,57044083	0,125	0,295
CHR1	10711517	CHR1:10711517	SSF x Far_LoA	-9,42521614	0,102	0,301
CHR1	10711532	CHR1:10711532	SSF x Far_LoA	-11,8094098	0,038	0,324
CHR1	10711546	CHR1:10711546	SSF x Far_LoA	-9,58794635	-0,083	0,315
CHR1	10711554	CHR1:10711554	SSF x Far_LoA	-4,2478161	-0,075	0,312
CHR1	10711562	CHR1:10711562	SSF x Far_LoA	-9,88877402	-0,061	0,301
CHR1	10711567	CHR1:10711567	SSF x Far_LoA	-8,14437996	0,107	0,304
CHR1	10712006	CHR1:10712006	SSF x Far_LoA	-7,93884571	0,090	0,306
CHR1	10712016	CHR1:10712016	SSF x Far_LoA	-7,2068821	-0,147	0,303
CHR1	10712022	CHR1:10712022	SSF x Far_LoA	-6,4243277	0,140	0,321
CHR1	10712031	CHR1:10712031	SSF x Far_LoA	-6,02453715	0,128	0,304
CHR1	10712033	CHR1:10712033	SSF x Far_LoA	-6,69569297	0,109	0,297
CHR1	10712044	CHR1:10712044	SSF x Far_LoA	-10,3109149	-0,036	0,320
CHR1	10717818	CHR1:10717818	SSF x Far_LoA	-4,08405712	-0,147	0,311
CHR1	10737696	CHR1:10737696	SSF x Far_LoA	-10,3167227	-0,063	0,310
CHR1	10737811	CHR1:10737811	SSF x Far_LoA	-9,89477789	-0,019	0,307
CHR1	10737850	CHR1:10737850	SSF x Far_LoA	-6,86927317	0,120	0,304

CHR1	10744502	CHR1:10744502	SSF x Far_LoA	-8,01845655	-0,071	0,309
CHR1	10744504	CHR1:10744504	SSF x Far_LoA	-7,26943491	-0,063	0,303
CHR1	10744587	CHR1:10744587	SSF x Far_LoA	-10,2126456	-0,008	0,295
CHR1	10744591	CHR1:10744591	SSF x Far_LoA	-11,4004375	0,005	0,314
CHR1	10744597	CHR1:10744597	SSF x Far_LoA	-8,64792378	-0,139	0,303
CHR1	10744731	CHR1:10744731	SSF x Far_LoA	-7,58876141	-0,039	0,318
CHR1	10755221	CHR1:10755221	SSF x Far_LoA	-10,2523261	0,002	0,308
CHR1	10755247	CHR1:10755247	SSF x Far_LoA	-9,39695909	-0,037	0,313
CHR1	10755356	CHR1:10755356	SSF x Far_LoA	-8,95326962	-0,005	0,312
CHR1	10755445	CHR1:10755445	SSF x Far_LoA	-1,47813898	0,213	0,309
CHR1	1075735	CHR1:1075735	SSF x Far_LoA	-9,4645087	-0,017	0,331
CHR1	1075777	CHR1:1075777	SSF x Far_LoA	-9,48137337	-0,041	0,296
CHR1	1075783	CHR1:1075783	SSF x Far_LoA	-8,49361227	-0,026	0,310
CHR1	10758257	CHR1:10758257	SSF x Far_LoA	-8,31491313	0,098	0,280
CHR1	1075946	CHR1:1075946	SSF x Far_LoA	-8,46634717	-0,023	0,308
CHR1	1075959	CHR1:1075959	SSF x Far_LoA	-7,31385144	-0,063	0,295
CHR1	10763431	CHR1:10763431	SSF x Far_LoA	-12,2188261	-0,027	0,296
CHR1	10763450	CHR1:10763450	SSF x Far_LoA	-8,8862479	-0,020	0,302
CHR1	10763463	CHR1:10763463	SSF x Far_LoA	-8,3951344	-0,017	0,316
CHR1	10763473	CHR1:10763473	SSF x Far_LoA	-5,48448444	-0,075	0,313
CHR1	10763486	CHR1:10763486	SSF x Far_LoA	-9,43462653	-0,017	0,312
CHR1	10763518	CHR1:10763518	SSF x Far_LoA	-7,83556978	0,095	0,313
CHR1	10767471	CHR1:10767471	SSF x Far_LoA	-7,37640476	0,029	0,318
CHR1	10767473	CHR1:10767473	SSF x Far_LoA	-10,5110803	0,021	0,310
CHR1	10767551	CHR1:10767551	SSF x Far_LoA	-9,01658356	0,021	0,318
CHR1	10767566	CHR1:10767566	SSF x Far_LoA	-9,6606579	0,049	0,306
CHR1	10767583	CHR1:10767583	SSF x Far_LoA	-10,259688	0,038	0,309
CHR1	10767614	CHR1:10767614	SSF x Far_LoA	-8,43215548	0,031	0,298
CHR1	10767692	CHR1:10767692	SSF x Far_LoA	-10,0075477	0,090	0,296
CHR1	10767756	CHR1:10767756	SSF x Far_LoA	-10,2917594	0,029	0,321
CHR1	10767775	CHR1:10767775	SSF x Far_LoA	-10,7537799	-0,063	0,301
CHR1	1078230	CHR1:1078230	SSF x Far_LoA	-11,8653309	-0,050	0,313
CHR1	10784149	CHR1:10784149	SSF x Far_LoA	-8,01914361	0,059	0,301
CHR1	10784215	CHR1:10784215	SSF x Far_LoA	-8,92154593	0,025	0,302
CHR1	10784307	CHR1:10784307	SSF x Far_LoA	-7,6191749	-0,067	0,306
CHR1	1079161	CHR1:1079161	SSF x Far_LoA	-8,54749061	-0,006	0,300
CHR1	10804020	CHR1:10804020	SSF x Far_LoA	-8,84496801	-0,107	0,320
CHR1	10804202	CHR1:10804202	SSF x Far_LoA	-8,3964672	-0,128	0,299
CHR1	10806146	CHR1:10806146	SSF x Far_LoA	-7,08088171	0,047	0,312
CHR1	10808470	CHR1:10808470	SSF x Far_LoA	-11,3687956	-0,008	0,307
CHR1	10808485	CHR1:10808485	SSF x Far_LoA	-10,9554701	-0,066	0,293
CHR1	10808517	CHR1:10808517	SSF x Far_LoA	-12,5149119	0,034	0,309
CHR1	10808560	CHR1:10808560	SSF x Far_LoA	-8,32567054	-0,106	0,302
CHR1	10810598	CHR1:10810598	SSF x Far_LoA	-10,6048614	0,003	0,300
CHR1	10811777	CHR1:10811777	SSF x Far_LoA	-9,65377877	0,140	0,299
CHR1	10811779	CHR1:10811779	SSF x Far_LoA	-3,78821741	-0,193	0,303
CHR1	10811786	CHR1:10811786	SSF x Far_LoA	-11,3227028	0,072	0,300
CHR1	10811922	CHR1:10811922	SSF x Far_LoA	-8,73784816	0,110	0,307
CHR1	10818804	CHR1:10818804	SSF x Far_LoA	-7,19585341	0,124	0,309
CHR1	10818838	CHR1:10818838	SSF x Far_LoA	-8,82422656	-0,034	0,323
CHR1	10818850	CHR1:10818850	SSF x Far_LoA	-6,86686918	0,190	0,304
CHR1	10818872	CHR1:10818872	SSF x Far_LoA	-9,69870659	-0,072	0,308
CHR1	10820761	CHR1:10820761	SSF x Far_LoA	-8,42703163	-0,066	0,310

CHR1	10820782	CHR1:10820782	SSF x Far_LoA	-6,95175868	0,081	0,310
CHR1	10820855	CHR1:10820855	SSF x Far_LoA	-8,98590395	-0,086	0,307
CHR1	10820914	CHR1:10820914	SSF x Far_LoA	-10,3107058	-0,020	0,309
CHR1	10820925	CHR1:10820925	SSF x Far_LoA	-8,58099043	0,067	0,304
CHR1	10820969	CHR1:10820969	SSF x Far_LoA	-9,3623492	-0,013	0,314
CHR1	10820977	CHR1:10820977	SSF x Far_LoA	-8,63277516	0,006	0,305
CHR1	10821013	CHR1:10821013	SSF x Far_LoA	-8,64271174	-0,014	0,322
CHR1	1082684	CHR1:1082684	SSF x Far_LoA	-8,3180082	-0,057	0,294
CHR1	1082702	CHR1:1082702	SSF x Far_LoA	-3,22370501	0,103	0,303
CHR1	1082859	CHR1:1082859	SSF x Far_LoA	-9,63899533	0,033	0,309
CHR1	10842750	CHR1:10842750	SSF x Far_LoA	-8,98783098	-0,033	0,304
CHR1	10842780	CHR1:10842780	SSF x Far_LoA	-11,5222456	-0,051	0,288
CHR1	10842809	CHR1:10842809	SSF x Far_LoA	-9,8212886	0,016	0,308
CHR1	10842839	CHR1:10842839	SSF x Far_LoA	-9,61226001	0,083	0,303
CHR1	10842893	CHR1:10842893	SSF x Far_LoA	-9,98339323	-0,031	0,314
CHR1	10849993	CHR1:10849993	SSF x Far_LoA	-7,87633981	-0,081	0,311
CHR1	10850023	CHR1:10850023	SSF x Far_LoA	-8,90219712	-0,033	0,305
CHR1	10850031	CHR1:10850031	SSF x Far_LoA	-9,34740131	-0,075	0,323
CHR1	10850051	CHR1:10850051	SSF x Far_LoA	-9,02660802	0,005	0,311
CHR1	10850066	CHR1:10850066	SSF x Far_LoA	-9,81832687	-0,074	0,311
CHR1	10852443	CHR1:10852443	SSF x Far_LoA	-11,2519491	-0,009	0,317
CHR1	10852473	CHR1:10852473	SSF x Far_LoA	-9,22357055	0,109	0,307
CHR1	10852514	CHR1:10852514	SSF x Far_LoA	-11,8334999	0,077	0,296
CHR1	10854720	CHR1:10854720	SSF x Far_LoA	-9,72675831	-0,055	0,322
CHR1	10854769	CHR1:10854769	SSF x Far_LoA	-11,2470488	0,060	0,309
CHR1	10854781	CHR1:10854781	SSF x Far_LoA	-7,6999982	0,119	0,310
CHR1	10854855	CHR1:10854855	SSF x Far_LoA	-9,18145228	0,084	0,296
CHR1	10856868	CHR1:10856868	SSF x Far_LoA	-7,84438575	-0,076	0,303
CHR1	10856939	CHR1:10856939	SSF x Far_LoA	-10,5028835	0,020	0,313
CHR1	10862146	CHR1:10862146	SSF x Far_LoA	-9,77111176	0,046	0,312
CHR1	10862169	CHR1:10862169	SSF x Far_LoA	-8,86155867	-0,010	0,314
CHR1	10862298	CHR1:10862298	SSF x Far_LoA	-8,17029661	-0,027	0,305
CHR1	10862303	CHR1:10862303	SSF x Far_LoA	-10,2733748	-0,087	0,317
CHR1	10862315	CHR1:10862315	SSF x Far_LoA	-10,4793774	-0,065	0,307
CHR1	10862329	CHR1:10862329	SSF x Far_LoA	-9,64288895	0,046	0,313
CHR1	10862354	CHR1:10862354	SSF x Far_LoA	-9,533446	0,003	0,281
CHR1	10867135	CHR1:10867135	SSF x Far_LoA	-8,33609175	0,135	0,292
CHR1	10867190	CHR1:10867190	SSF x Far_LoA	-5,96375793	0,118	0,305
CHR1	10867289	CHR1:10867289	SSF x Far_LoA	-8,0144522	0,107	0,299
CHR1	1086990	CHR1:1086990	SSF x Far_LoA	-11,2806833	-0,032	0,306
CHR1	1087240	CHR1:1087240	SSF x Far_LoA	-8,31457752	-0,069	0,293
CHR1	10874932	CHR1:10874932	SSF x Far_LoA	-8,48965854	0,061	0,292
CHR1	10889212	CHR1:10889212	SSF x Far_LoA	-8,73548526	0,058	0,311
CHR1	10889373	CHR1:10889373	SSF x Far_LoA	-6,6713441	0,121	0,298
CHR1	10902645	CHR1:10902645	SSF x Far_LoA	-10,2017235	0,051	0,306
CHR1	10909972	CHR1:10909972	SSF x Far_LoA	-11,9732763	0,012	0,305
CHR1	10909983	CHR1:10909983	SSF x Far_LoA	-11,5811771	0,048	0,316
CHR1	10910057	CHR1:10910057	SSF x Far_LoA	-9,55302553	0,045	0,326
CHR1	10910967	CHR1:10910967	SSF x Far_LoA	-10,2066374	0,036	0,316
CHR1	10910990	CHR1:10910990	SSF x Far_LoA	-8,47067407	-0,031	0,310
CHR1	10910996	CHR1:10910996	SSF x Far_LoA	-11,9482351	0,042	0,296
CHR1	10911005	CHR1:10911005	SSF x Far_LoA	-10,0616389	0,027	0,307
CHR1	10911066	CHR1:10911066	SSF x Far_LoA	-9,29477892	0,067	0,302

CHR1	10911077	CHR1:10911077	SSF x Far_LoA	-9,88826469	-0,094	0,297
CHR1	10911095	CHR1:10911095	SSF x Far_LoA	-10,0947887	-0,012	0,316
CHR1	10912722	CHR1:10912722	SSF x Far_LoA	-10,7151528	0,046	0,300
CHR1	10912808	CHR1:10912808	SSF x Far_LoA	-10,3325732	0,002	0,303
CHR1	10915839	CHR1:10915839	SSF x Far_LoA	-8,97228792	-0,025	0,312
CHR1	10926130	CHR1:10926130	SSF x Far_LoA	-10,7816696	0,096	0,300
CHR1	10940204	CHR1:10940204	SSF x Far_LoA	-6,84580526	-0,022	0,312
CHR1	10940275	CHR1:10940275	SSF x Far_LoA	-8,56939659	-0,060	0,303
CHR1	10940391	CHR1:10940391	SSF x Far_LoA	-10,0717724	-0,009	0,300
CHR1	10940405	CHR1:10940405	SSF x Far_LoA	-11,6605401	-0,032	0,315
CHR1	10940421	CHR1:10940421	SSF x Far_LoA	-8,61528926	0,149	0,305
CHR1	10940444	CHR1:10940444	SSF x Far_LoA	-9,87314934	0,100	0,312
CHR1	10943655	CHR1:10943655	SSF x Far_LoA	-9,52943199	-0,054	0,301
CHR1	10944898	CHR1:10944898	SSF x Far_LoA	-6,78660222	-0,106	0,308
CHR1	10950988	CHR1:10950988	SSF x Far_LoA	-10,5842567	-0,021	0,308
CHR1	10951130	CHR1:10951130	SSF x Far_LoA	-9,34647806	0,014	0,312
CHR1	10951238	CHR1:10951238	SSF x Far_LoA	-9,62737888	-0,024	0,311
CHR1	10952768	CHR1:10952768	SSF x Far_LoA	-9,41520317	0,043	0,310
CHR1	10954044	CHR1:10954044	SSF x Far_LoA	-7,54506348	-0,112	0,295
CHR1	10964540	CHR1:10964540	SSF x Far_LoA	-9,36530528	-0,031	0,315
CHR1	10964549	CHR1:10964549	SSF x Far_LoA	-8,79281663	0,013	0,305
CHR1	10964550	CHR1:10964550	SSF x Far_LoA	-10,3762409	0,045	0,298
CHR1	10964553	CHR1:10964553	SSF x Far_LoA	-5,34157247	-0,065	0,308
CHR1	10964564	CHR1:10964564	SSF x Far_LoA	-8,83450448	0,070	0,314
CHR1	10964574	CHR1:10964574	SSF x Far_LoA	-5,86693045	0,011	0,314
CHR1	10977699	CHR1:10977699	SSF x Far_LoA	-7,93513618	-0,118	0,295
CHR1	10977924	CHR1:10977924	SSF x Far_LoA	-10,0528127	0,009	0,308
CHR1	10977940	CHR1:10977940	SSF x Far_LoA	-10,3425884	0,023	0,303
CHR1	10977983	CHR1:10977983	SSF x Far_LoA	-10,6147246	0,000	0,314
CHR1	10977994	CHR1:10977994	SSF x Far_LoA	-11,3974455	0,004	0,308
CHR1	10978002	CHR1:10978002	SSF x Far_LoA	-10,2128723	0,017	0,299
CHR1	10981055	CHR1:10981055	SSF x Far_LoA	-10,1779837	-0,066	0,318
CHR1	10987672	CHR1:10987672	SSF x Far_LoA	-8,65745948	0,055	0,320
CHR1	10988120	CHR1:10988120	SSF x Far_LoA	-8,78190269	0,121	0,311
CHR1	10989471	CHR1:10989471	SSF x Far_LoA	-9,05612686	-0,055	0,309
CHR1	10989493	CHR1:10989493	SSF x Far_LoA	-8,08168039	-0,068	0,306
CHR1	10994510	CHR1:10994510	SSF x Far_LoA	-8,03235352	0,136	0,294
CHR1	10996678	CHR1:10996678	SSF x Far_LoA	-9,30098902	-0,111	0,299
CHR1	1099858	CHR1:1099858	SSF x Far_LoA	-9,03021571	-0,040	0,302
CHR1	1099885	CHR1:1099885	SSF x Far_LoA	-8,38577147	0,033	0,304
CHR1	1099924	CHR1:1099924	SSF x Far_LoA	-10,1140089	0,047	0,322
CHR1	1099956	CHR1:1099956	SSF x Far_LoA	-9,55049784	-0,034	0,299
CHR1	1100028	CHR1:1100028	SSF x Far_LoA	-8,6772002	0,049	0,304
CHR1	1100046	CHR1:1100046	SSF x Far_LoA	-10,7619921	-0,053	0,295
CHR1	1100067	CHR1:1100067	SSF x Far_LoA	-8,61693502	-0,089	0,309
CHR1	11001400	CHR1:11001400	SSF x Far_LoA	-9,32824699	0,106	0,299
CHR1	11001428	CHR1:11001428	SSF x Far_LoA	-9,92340039	0,033	0,304
CHR1	11001503	CHR1:11001503	SSF x Far_LoA	-9,06981156	0,064	0,304
CHR1	11003917	CHR1:11003917	SSF x Far_LoA	-0,1746013	-0,135	0,316
CHR1	11003935	CHR1:11003935	SSF x Far_LoA	-8,02457763	-0,183	0,308
CHR1	11003937	CHR1:11003937	SSF x Far_LoA	-9,80374624	-0,180	0,289
CHR1	11003940	CHR1:11003940	SSF x Far_LoA	-8,08472705	-0,181	0,306
CHR1	11011024	CHR1:11011024	SSF x Far_LoA	-9,85395949	-0,103	0,310

CHR1	11011033	CHR1:11011033	SSF x Far_LoA	-9,35677485	0,018	0,319
CHR1	11012980	CHR1:11012980	SSF x Far_LoA	-6,38290655	0,000	0,309
CHR1	11013029	CHR1:11013029	SSF x Far_LoA	-11,6878918	0,003	0,301
CHR1	11017156	CHR1:11017156	SSF x Far_LoA	-4,69045446	0,086	0,303
CHR1	11017311	CHR1:11017311	SSF x Far_LoA	-6,22304971	0,106	0,302
CHR1	11017334	CHR1:11017334	SSF x Far_LoA	-11,7616389	0,072	0,297
CHR1	11017349	CHR1:11017349	SSF x Far_LoA	-9,17003189	0,156	0,295
CHR1	11018027	CHR1:11018027	SSF x Far_LoA	-6,31008638	0,023	0,318
CHR1	11018032	CHR1:11018032	SSF x Far_LoA	-9,3154027	0,062	0,326
CHR1	11018042	CHR1:11018042	SSF x Far_LoA	11,2903492	0,127	0,319
CHR1	11018049	CHR1:11018049	SSF x Far_LoA	-10,3853207	-0,092	0,307
CHR1	11018178	CHR1:11018178	SSF x Far_LoA	-6,36453147	-0,041	0,300
CHR1	11024693	CHR1:11024693	SSF x Far_LoA	-11,7395381	0,003	0,297
CHR1	11024739	CHR1:11024739	SSF x Far_LoA	-10,6698785	0,083	0,294
CHR1	1102921	CHR1:1102921	SSF x Far_LoA	-9,70562559	-0,001	0,312
CHR1	11046935	CHR1:11046935	SSF x Far_LoA	-10,0089033	-0,132	0,297
CHR1	11046943	CHR1:11046943	SSF x Far_LoA	-9,96819677	-0,027	0,311
CHR1	11048270	CHR1:11048270	SSF x Far_LoA	-11,458487	-0,031	0,309
CHR1	11049689	CHR1:11049689	SSF x Far_LoA	-9,96838171	0,020	0,308
CHR1	11050929	CHR1:11050929	SSF x Far_LoA	-11,8069917	0,050	0,300
CHR1	11073058	CHR1:11073058	SSF x Far_LoA	-5,32533434	0,064	0,304
CHR1	11073070	CHR1:11073070	SSF x Far_LoA	-9,6718578	0,010	0,312
CHR1	11073080	CHR1:11073080	SSF x Far_LoA	-11,111279	0,000	0,292
CHR1	11073111	CHR1:11073111	SSF x Far_LoA	-9,97167296	-0,068	0,308
CHR1	11073690	CHR1:11073690	SSF x Far_LoA	-7,61705577	0,138	0,293
CHR1	11077975	CHR1:11077975	SSF x Far_LoA	-9,12374907	-0,119	0,304
CHR1	11078085	CHR1:11078085	SSF x Far_LoA	-7,7919315	-0,125	0,300
CHR1	11078096	CHR1:11078096	SSF x Far_LoA	-10,2423837	0,056	0,314
CHR1	11083293	CHR1:11083293	SSF x Far_LoA	-11,0699014	-0,071	0,296
CHR1	11086745	CHR1:11086745	SSF x Far_LoA	-9,7474467	-0,011	0,311
CHR1	11086880	CHR1:11086880	SSF x Far_LoA	-10,6235003	0,120	0,314
CHR1	11087700	CHR1:11087700	SSF x Far_LoA	-9,60295249	0,095	0,304
CHR1	11087712	CHR1:11087712	SSF x Far_LoA	-8,33638629	0,162	0,302
CHR1	11087751	CHR1:11087751	SSF x Far_LoA	-8,20284523	-0,052	0,310
CHR1	11091441	CHR1:11091441	SSF x Far_LoA	-9,09588021	0,022	0,310
CHR1	11091492	CHR1:11091492	SSF x Far_LoA	-9,1600554	-0,058	0,318
CHR1	11091494	CHR1:11091494	SSF x Far_LoA	-8,40048071	0,080	0,302
CHR1	11093081	CHR1:11093081	SSF x Far_LoA	-9,13433728	0,032	0,290
CHR1	11093262	CHR1:11093262	SSF x Far_LoA	-9,28517577	-0,026	0,313
CHR1	11093285	CHR1:11093285	SSF x Far_LoA	-10,9671248	0,010	0,308
CHR1	11097933	CHR1:11097933	SSF x Far_LoA	-8,08113803	0,156	0,286
CHR1	11097963	CHR1:11097963	SSF x Far_LoA	-9,2657086	-0,080	0,301
CHR1	11097999	CHR1:11097999	SSF x Far_LoA	-11,2653297	-0,025	0,310
CHR1	11103135	CHR1:11103135	SSF x Far_LoA	-10,6733646	-0,027	0,314
CHR1	11103149	CHR1:11103149	SSF x Far_LoA	-9,05896811	0,037	0,302
CHR1	11103152	CHR1:11103152	SSF x Far_LoA	-8,31114525	0,115	0,291
CHR1	11103193	CHR1:11103193	SSF x Far_LoA	-6,10959259	-0,138	0,311
CHR1	11107558	CHR1:11107558	SSF x Far_LoA	-9,96889063	-0,032	0,323
CHR1	11107578	CHR1:11107578	SSF x Far_LoA	-9,31935487	-0,062	0,307
CHR1	11107611	CHR1:11107611	SSF x Far_LoA	-11,396318	-0,071	0,301
CHR1	11107672	CHR1:11107672	SSF x Far_LoA	-11,6395981	0,045	0,306
CHR1	11107711	CHR1:11107711	SSF x Far_LoA	-6,75690992	-0,014	0,322
CHR1	11107723	CHR1:11107723	SSF x Far_LoA	-11,0915611	-0,045	0,298

CHR1	11111176	CHR1:11111176	SSF x Far_LoA	-8,17289991	-0,084	0,317
CHR1	11117782	CHR1:11117782	SSF x Far_LoA	-8,01882108	0,008	0,294
CHR1	11117810	CHR1:11117810	SSF x Far_LoA	-10,2409959	-0,006	0,301
CHR1	11117825	CHR1:11117825	SSF x Far_LoA	-10,7770753	-0,014	0,300
CHR1	11117893	CHR1:11117893	SSF x Far_LoA	-9,06295481	-0,084	0,314
CHR1	11121757	CHR1:11121757	SSF x Far_LoA	-7,90937854	-0,091	0,307
CHR1	11121774	CHR1:11121774	SSF x Far_LoA	-10,7857028	-0,018	0,301
CHR1	11124676	CHR1:11124676	SSF x Far_LoA	-6,93946945	-0,053	0,313
CHR1	11124760	CHR1:11124760	SSF x Far_LoA	3,78500322	0,005	0,312
CHR1	11133169	CHR1:11133169	SSF x Far_LoA	-9,47383618	0,088	0,322
CHR1	11133186	CHR1:11133186	SSF x Far_LoA	-11,442719	0,039	0,308
CHR1	11133265	CHR1:11133265	SSF x Far_LoA	-11,1766874	0,078	0,300
CHR1	11135621	CHR1:11135621	SSF x Far_LoA	-8,24121267	-0,022	0,313
CHR1	11135684	CHR1:11135684	SSF x Far_LoA	-9,78243497	-0,021	0,303
CHR1	11135790	CHR1:11135790	SSF x Far_LoA	-5,29933223	0,033	0,299
CHR1	11141151	CHR1:11141151	SSF x Far_LoA	-8,48231585	0,092	0,316
CHR1	11141152	CHR1:11141152	SSF x Far_LoA	-7,50903796	-0,115	0,302
CHR1	11141169	CHR1:11141169	SSF x Far_LoA	-9,19338068	0,137	0,307
CHR1	11141195	CHR1:11141195	SSF x Far_LoA	-10,8723666	0,143	0,285
CHR1	11141202	CHR1:11141202	SSF x Far_LoA	-7,80754308	0,187	0,298
CHR1	11141274	CHR1:11141274	SSF x Far_LoA	-7,96985414	-0,115	0,297
CHR1	11149015	CHR1:11149015	SSF x Far_LoA	-8,88449842	-0,106	0,320
CHR1	11149023	CHR1:11149023	SSF x Far_LoA	-10,1221031	-0,007	0,315
CHR1	11149051	CHR1:11149051	SSF x Far_LoA	-9,24865007	-0,025	0,299
CHR1	11149112	CHR1:11149112	SSF x Far_LoA	-11,9225065	-0,048	0,305
CHR1	11149146	CHR1:11149146	SSF x Far_LoA	-9,97370032	-0,103	0,304
CHR1	11149169	CHR1:11149169	SSF x Far_LoA	-8,62005147	0,075	0,313
CHR1	1116072	CHR1:1116072	SSF x Far_LoA	-6,66948553	0,069	0,302
CHR1	1116084	CHR1:1116084	SSF x Far_LoA	-9,27430724	0,004	0,318
CHR1	1116328	CHR1:1116328	SSF x Far_LoA	-8,3979339	0,108	0,288
CHR1	1116336	CHR1:1116336	SSF x Far_LoA	-8,7920686	0,152	0,291
CHR1	1116373	CHR1:1116373	SSF x Far_LoA	-7,30040576	0,156	0,304
CHR1	1116408	CHR1:1116408	SSF x Far_LoA	-6,95505694	-0,073	0,318
CHR1	11176677	CHR1:11176677	SSF x Far_LoA	0,03816157	0,000	0,307
CHR1	11193013	CHR1:11193013	SSF x Far_LoA	-9,88363293	-0,100	0,308
CHR1	11196429	CHR1:11196429	SSF x Far_LoA	-10,2135921	0,000	0,305
CHR1	11198970	CHR1:11198970	SSF x Far_LoA	-11,2530745	0,085	0,315
CHR1	11199004	CHR1:11199004	SSF x Far_LoA	-9,08494507	0,113	0,294
CHR1	11199020	CHR1:11199020	SSF x Far_LoA	-6,9802905	0,043	0,315
CHR1	11214486	CHR1:11214486	SSF x Far_LoA	-6,81283417	-0,117	0,305
CHR1	11214523	CHR1:11214523	SSF x Far_LoA	-8,98883547	-0,034	0,312
CHR1	11214577	CHR1:11214577	SSF x Far_LoA	-8,93003783	-0,039	0,309
CHR1	11214584	CHR1:11214584	SSF x Far_LoA	-8,1826348	0,111	0,281
CHR1	11214598	CHR1:11214598	SSF x Far_LoA	-7,73265503	0,083	0,303
CHR1	11214616	CHR1:11214616	SSF x Far_LoA	-8,71203318	-0,037	0,309
CHR1	11214625	CHR1:11214625	SSF x Far_LoA	-9,3398645	-0,146	0,302
CHR1	11214648	CHR1:11214648	SSF x Far_LoA	-8,75850405	0,112	0,305
CHR1	11220214	CHR1:11220214	SSF x Far_LoA	-8,27446652	0,076	0,302
CHR1	11220225	CHR1:11220225	SSF x Far_LoA	-9,2754941	0,078	0,286
CHR1	11228104	CHR1:11228104	SSF x Far_LoA	-8,26362828	-0,024	0,303
CHR1	11228139	CHR1:11228139	SSF x Far_LoA	-9,73080122	0,159	0,289
CHR1	11228148	CHR1:11228148	SSF x Far_LoA	-8,4947029	-0,048	0,305
CHR1	11228149	CHR1:11228149	SSF x Far_LoA	-9,16709388	-0,048	0,317

CHR1	11228156	CHR1:11228156	SSF x Far_LoA	-8,60252196	0,093	0,319
CHR1	11228176	CHR1:11228176	SSF x Far_LoA	-10,6096473	-0,098	0,309
CHR1	11228186	CHR1:11228186	SSF x Far_LoA	-10,1545813	-0,036	0,306
CHR1	11228238	CHR1:11228238	SSF x Far_LoA	-7,06412709	0,037	0,308
CHR1	11228325	CHR1:11228325	SSF x Far_LoA	-5,49839734	0,047	0,300
CHR1	11228355	CHR1:11228355	SSF x Far_LoA	-12,0291565	0,020	0,299
CHR1	11228357	CHR1:11228357	SSF x Far_LoA	-11,3208613	-0,035	0,329
CHR1	11230999	CHR1:11230999	SSF x Far_LoA	-11,1865737	0,019	0,307
CHR1	11231079	CHR1:11231079	SSF x Far_LoA	-8,59142445	-0,004	0,305
CHR1	11233046	CHR1:11233046	SSF x Far_LoA	-3,82478533	-0,086	0,311
CHR1	11233068	CHR1:11233068	SSF x Far_LoA	-11,4408332	-0,008	0,310
CHR1	11233207	CHR1:11233207	SSF x Far_LoA	-9,27221939	-0,140	0,298
CHR1	11235711	CHR1:11235711	SSF x Far_LoA	-5,60783742	-0,089	0,311
CHR1	11235753	CHR1:11235753	SSF x Far_LoA	-10,3797407	0,143	0,297
CHR1	11244361	CHR1:11244361	SSF x Far_LoA	-9,38710637	-0,006	0,312
CHR1	11247952	CHR1:11247952	SSF x Far_LoA	-7,56763474	-0,098	0,307
CHR1	11247986	CHR1:11247986	SSF x Far_LoA	-11,0642999	0,081	0,301
CHR1	11248027	CHR1:11248027	SSF x Far_LoA	-10,9744812	0,012	0,311
CHR1	11248107	CHR1:11248107	SSF x Far_LoA	-9,19638077	-0,071	0,315
CHR1	11248151	CHR1:11248151	SSF x Far_LoA	-7,04673591	0,148	0,287
CHR1	11262278	CHR1:11262278	SSF x Far_LoA	-8,13731017	0,026	0,311
CHR1	11268540	CHR1:11268540	SSF x Far_LoA	-10,578275	-0,050	0,311
CHR1	11268581	CHR1:11268581	SSF x Far_LoA	-11,5696325	0,017	0,291
CHR1	11268640	CHR1:11268640	SSF x Far_LoA	-7,07853412	-0,193	0,296
CHR1	11268671	CHR1:11268671	SSF x Far_LoA	-5,97894693	-0,163	0,283
CHR1	11277906	CHR1:11277906	SSF x Far_LoA	-10,2896745	-0,021	0,307
CHR1	11277961	CHR1:11277961	SSF x Far_LoA	-7,90057863	0,051	0,295
CHR1	11302441	CHR1:11302441	SSF x Far_LoA	-7,94924095	-0,115	0,310
CHR1	11302444	CHR1:11302444	SSF x Far_LoA	-9,19292047	-0,094	0,300
CHR1	11302445	CHR1:11302445	SSF x Far_LoA	-10,1463137	-0,077	0,300
CHR1	11304278	CHR1:11304278	SSF x Far_LoA	-10,0549424	0,133	0,290
CHR1	11304586	CHR1:11304586	SSF x Far_LoA	-11,4249984	0,064	0,293
CHR1	11310514	CHR1:11310514	SSF x Far_LoA	-9,7491269	-0,028	0,310
CHR1	11310616	CHR1:11310616	SSF x Far_LoA	-9,68769882	-0,021	0,301
CHR1	11321189	CHR1:11321189	SSF x Far_LoA	-4,4004116	0,122	0,302
CHR1	11321191	CHR1:11321191	SSF x Far_LoA	-8,22467937	0,091	0,299
CHR1	11321196	CHR1:11321196	SSF x Far_LoA	-1,52471422	0,095	0,314
CHR1	11321199	CHR1:11321199	SSF x Far_LoA	-9,67691937	-0,002	0,329
CHR1	11321214	CHR1:11321214	SSF x Far_LoA	-11,0323696	-0,041	0,298
CHR1	11321230	CHR1:11321230	SSF x Far_LoA	-8,50689169	-0,047	0,313
CHR1	11321322	CHR1:11321322	SSF x Far_LoA	-9,60247027	0,075	0,301
CHR1	11321326	CHR1:11321326	SSF x Far_LoA	-10,1689552	0,049	0,313
CHR1	11321338	CHR1:11321338	SSF x Far_LoA	-8,4707052	0,020	0,301
CHR1	1133142	CHR1:1133142	SSF x Far_LoA	-12,3618614	0,029	0,316
CHR1	11334336	CHR1:11334336	SSF x Far_LoA	-6,665116	0,152	0,309
CHR1	11334346	CHR1:11334346	SSF x Far_LoA	-9,41091074	0,041	0,307
CHR1	11341782	CHR1:11341782	SSF x Far_LoA	-10,3858492	0,040	0,318
CHR1	11341819	CHR1:11341819	SSF x Far_LoA	-10,6709973	-0,042	0,316
CHR1	11341833	CHR1:11341833	SSF x Far_LoA	-10,9305169	0,089	0,303
CHR1	11341855	CHR1:11341855	SSF x Far_LoA	-8,70631022	-0,075	0,297
CHR1	11346569	CHR1:11346569	SSF x Far_LoA	-11,1027142	0,053	0,317
CHR1	11346646	CHR1:11346646	SSF x Far_LoA	-4,35910762	-0,153	0,316
CHR1	11346755	CHR1:11346755	SSF x Far_LoA	-7,74110448	0,067	0,308

CHR1	11346762	CHR1:11346762	SSF x Far_LoA	-9,81220477	-0,034	0,318
CHR1	11346778	CHR1:11346778	SSF x Far_LoA	-7,10001701	0,103	0,319
CHR1	11346793	CHR1:11346793	SSF x Far_LoA	-10,5912867	0,082	0,312
CHR1	11358572	CHR1:11358572	SSF x Far_LoA	-9,25772256	-0,097	0,295
CHR1	11358782	CHR1:11358782	SSF x Far_LoA	-3,51859291	0,128	0,311
CHR1	11365788	CHR1:11365788	SSF x Far_LoA	-9,85573035	-0,034	0,300
CHR1	11365891	CHR1:11365891	SSF x Far_LoA	-9,93650355	-0,022	0,304
CHR1	11365900	CHR1:11365900	SSF x Far_LoA	0,1287511	0,133	0,310
CHR1	11368203	CHR1:11368203	SSF x Far_LoA	-1,1142943	0,059	0,316
CHR1	11368204	CHR1:11368204	SSF x Far_LoA	-10,7196418	0,073	0,294
CHR1	11368253	CHR1:11368253	SSF x Far_LoA	-7,04139717	-0,088	0,302
CHR1	11368298	CHR1:11368298	SSF x Far_LoA	-7,36133998	-0,133	0,293
CHR1	11371937	CHR1:11371937	SSF x Far_LoA	-8,47447507	0,091	0,300
CHR1	11372026	CHR1:11372026	SSF x Far_LoA	-11,3163404	-0,037	0,305
CHR1	11372071	CHR1:11372071	SSF x Far_LoA	-10,9014422	0,072	0,297
CHR1	11373531	CHR1:11373531	SSF x Far_LoA	-9,64988879	0,012	0,305
CHR1	11389677	CHR1:11389677	SSF x Far_LoA	-9,25882769	0,175	0,282
CHR1	11389750	CHR1:11389750	SSF x Far_LoA	-7,43173317	0,081	0,311
CHR1	11389758	CHR1:11389758	SSF x Far_LoA	-3,53320719	0,090	0,297
CHR1	11391266	CHR1:11391266	SSF x Far_LoA	-9,68896922	-0,119	0,303
CHR1	11394209	CHR1:11394209	SSF x Far_LoA	-2,1183866	-0,206	0,303
CHR1	11394242	CHR1:11394242	SSF x Far_LoA	-8,35787029	0,088	0,309
CHR1	11439147	CHR1:11439147	SSF x Far_LoA	-7,98793789	0,121	0,297
CHR1	11439302	CHR1:11439302	SSF x Far_LoA	-11,5591078	-0,025	0,315
CHR1	11451683	CHR1:11451683	SSF x Far_LoA	-10,2944531	-0,036	0,302
CHR1	11451698	CHR1:11451698	SSF x Far_LoA	-9,76891343	-0,014	0,315
CHR1	11451740	CHR1:11451740	SSF x Far_LoA	-8,56520862	0,057	0,317
CHR1	11458049	CHR1:11458049	SSF x Far_LoA	-8,16663657	0,162	0,311
CHR1	11458084	CHR1:11458084	SSF x Far_LoA	-8,92299268	0,073	0,301
CHR1	11461559	CHR1:11461559	SSF x Far_LoA	-7,70472848	0,130	0,288
CHR1	11461579	CHR1:11461579	SSF x Far_LoA	-5,67799107	0,133	0,298
CHR1	11461588	CHR1:11461588	SSF x Far_LoA	-5,80749756	0,158	0,302
CHR1	11461597	CHR1:11461597	SSF x Far_LoA	-2,67919845	0,210	0,291
CHR1	11480547	CHR1:11480547	SSF x Far_LoA	-5,99612983	0,240	0,278
CHR1	1148736	CHR1:1148736	SSF x Far_LoA	-8,72306632	0,112	0,289
CHR1	1148785	CHR1:1148785	SSF x Far_LoA	-7,85954179	-0,085	0,317
CHR1	1148816	CHR1:1148816	SSF x Far_LoA	-9,61872236	-0,099	0,300
CHR1	1148819	CHR1:1148819	SSF x Far_LoA	-10,0899833	-0,057	0,305
CHR1	1148848	CHR1:1148848	SSF x Far_LoA	-9,2663049	0,136	0,308
CHR1	1148917	CHR1:1148917	SSF x Far_LoA	-9,20285431	-0,002	0,303
CHR1	11501272	CHR1:11501272	SSF x Far_LoA	-11,015476	-0,019	0,309
CHR1	11506217	CHR1:11506217	SSF x Far_LoA	-11,427822	0,057	0,305
CHR1	11509028	CHR1:11509028	SSF x Far_LoA	-7,17000781	-0,080	0,316
CHR1	11512425	CHR1:11512425	SSF x Far_LoA	-10,0721192	0,057	0,308
CHR1	11515529	CHR1:11515529	SSF x Far_LoA	-8,46128737	0,096	0,293
CHR1	11515693	CHR1:11515693	SSF x Far_LoA	-11,5862465	-0,018	0,308
CHR1	11519313	CHR1:11519313	SSF x Far_LoA	-8,01726311	0,079	0,293
CHR1	11528047	CHR1:11528047	SSF x Far_LoA	-10,6467482	-0,006	0,311
CHR1	11528074	CHR1:11528074	SSF x Far_LoA	-9,04690547	0,031	0,314
CHR1	11528104	CHR1:11528104	SSF x Far_LoA	-8,16983906	-0,074	0,309
CHR1	11549557	CHR1:11549557	SSF x Far_LoA	-6,76015071	-0,027	0,316
CHR1	11561480	CHR1:11561480	SSF x Far_LoA	-10,5453187	0,061	0,325
CHR1	11561482	CHR1:11561482	SSF x Far_LoA	-8,07892269	0,053	0,309

CHR1	11566542	CHR1:11566542	SSF x Far_LoA	-8,89642444	0,023	0,305
CHR1	11571095	CHR1:11571095	SSF x Far_LoA	-8,17694852	-0,063	0,311
CHR1	11571134	CHR1:11571134	SSF x Far_LoA	-8,46217762	0,061	0,298
CHR1	11571154	CHR1:11571154	SSF x Far_LoA	-9,31676229	0,181	0,304
CHR1	11571170	CHR1:11571170	SSF x Far_LoA	-10,4392206	-0,063	0,303
CHR1	11571173	CHR1:11571173	SSF x Far_LoA	-8,15086428	-0,054	0,314
CHR1	11573911	CHR1:11573911	SSF x Far_LoA	-8,12130217	0,110	0,299
CHR1	11573914	CHR1:11573914	SSF x Far_LoA	-8,05381901	-0,049	0,317
CHR1	11573916	CHR1:11573916	SSF x Far_LoA	-4,58028123	0,107	0,301
CHR1	11573953	CHR1:11573953	SSF x Far_LoA	-8,32829778	-0,032	0,306
CHR1	11573996	CHR1:11573996	SSF x Far_LoA	-8,60283631	0,009	0,293
CHR1	11574102	CHR1:11574102	SSF x Far_LoA	-7,28518282	-0,097	0,311
CHR1	11586149	CHR1:11586149	SSF x Far_LoA	-12,0693989	0,016	0,303
CHR1	11586225	CHR1:11586225	SSF x Far_LoA	-7,08162688	-0,114	0,298
CHR1	11586233	CHR1:11586233	SSF x Far_LoA	-6,17542877	-0,096	0,298
CHR1	11593958	CHR1:11593958	SSF x Far_LoA	-7,58289688	-0,079	0,298
CHR1	11593972	CHR1:11593972	SSF x Far_LoA	2,64968726	-0,171	0,302
CHR1	11593978	CHR1:11593978	SSF x Far_LoA	-8,82365137	-0,041	0,311
CHR1	11593983	CHR1:11593983	SSF x Far_LoA	-9,82616845	0,040	0,313
CHR1	11594084	CHR1:11594084	SSF x Far_LoA	-11,2072219	-0,112	0,291
CHR1	11599405	CHR1:11599405	SSF x Far_LoA	-10,4001576	0,044	0,301
CHR1	11599426	CHR1:11599426	SSF x Far_LoA	-10,0631042	0,069	0,321
CHR1	11599447	CHR1:11599447	SSF x Far_LoA	-10,0521784	0,066	0,296
CHR1	11599449	CHR1:11599449	SSF x Far_LoA	-11,6699227	0,042	0,309
CHR1	11599461	CHR1:11599461	SSF x Far_LoA	-10,689441	0,067	0,296
CHR1	11599494	CHR1:11599494	SSF x Far_LoA	-10,1949084	0,002	0,293
CHR1	11599498	CHR1:11599498	SSF x Far_LoA	-8,83685933	-0,017	0,299
CHR1	11599523	CHR1:11599523	SSF x Far_LoA	-7,19226478	0,067	0,295
CHR1	11599551	CHR1:11599551	SSF x Far_LoA	-5,44708831	0,080	0,303
CHR1	11599557	CHR1:11599557	SSF x Far_LoA	-9,82748532	-0,005	0,307
CHR1	11599558	CHR1:11599558	SSF x Far_LoA	-10,9720165	-0,015	0,303
CHR1	11599582	CHR1:11599582	SSF x Far_LoA	-9,60475913	0,002	0,315
CHR1	11599608	CHR1:11599608	SSF x Far_LoA	-10,0272109	0,036	0,301
CHR1	11600404	CHR1:11600404	SSF x Far_LoA	-6,96110739	-0,025	0,326
CHR1	11606552	CHR1:11606552	SSF x Far_LoA	-1,43093375	0,071	0,311
CHR1	11606616	CHR1:11606616	SSF x Far_LoA	-10,530287	-0,005	0,313
CHR1	11606634	CHR1:11606634	SSF x Far_LoA	-10,9161077	0,041	0,305
CHR1	11606717	CHR1:11606717	SSF x Far_LoA	-10,1274006	0,038	0,291
CHR1	11606719	CHR1:11606719	SSF x Far_LoA	-9,65528893	-0,049	0,309
CHR1	11609856	CHR1:11609856	SSF x Far_LoA	-8,60990994	0,071	0,306
CHR1	11626113	CHR1:11626113	SSF x Far_LoA	-10,2244959	-0,042	0,295
CHR1	11626153	CHR1:11626153	SSF x Far_LoA	-1,9237532	-0,100	0,306
CHR1	11626197	CHR1:11626197	SSF x Far_LoA	-4,55927652	0,122	0,287
CHR1	11626214	CHR1:11626214	SSF x Far_LoA	-5,75713774	0,024	0,313
CHR1	11626217	CHR1:11626217	SSF x Far_LoA	-5,71082211	0,135	0,308
CHR1	11626255	CHR1:11626255	SSF x Far_LoA	-9,37164176	-0,038	0,311
CHR1	11626265	CHR1:11626265	SSF x Far_LoA	-8,45489469	-0,053	0,322
CHR1	11633280	CHR1:11633280	SSF x Far_LoA	-9,66736957	-0,005	0,306
CHR1	11633284	CHR1:11633284	SSF x Far_LoA	-9,83033459	-0,039	0,286
CHR1	11633314	CHR1:11633314	SSF x Far_LoA	-7,39256537	-0,040	0,294
CHR1	11633317	CHR1:11633317	SSF x Far_LoA	-4,57013544	0,124	0,309
CHR1	11633356	CHR1:11633356	SSF x Far_LoA	-9,81080056	-0,023	0,307
CHR1	11633380	CHR1:11633380	SSF x Far_LoA	-10,5214022	-0,091	0,307

CHR1	11633385	CHR1:11633385	SSF x Far_LoA	-10,2292676	-0,104	0,309
CHR1	11633428	CHR1:11633428	SSF x Far_LoA	-8,59171684	-0,066	0,317
CHR1	11633477	CHR1:11633477	SSF x Far_LoA	-12,029093	0,018	0,302
CHR1	11635794	CHR1:11635794	SSF x Far_LoA	-7,71651516	0,113	0,303
CHR1	11635798	CHR1:11635798	SSF x Far_LoA	-8,64580837	0,120	0,295
CHR1	11635862	CHR1:11635862	SSF x Far_LoA	-7,08536132	-0,116	0,307
CHR1	11637000	CHR1:11637000	SSF x Far_LoA	-10,1190282	0,046	0,295
CHR1	11660040	CHR1:11660040	SSF x Far_LoA	-8,84814353	0,060	0,300
CHR1	11660065	CHR1:11660065	SSF x Far_LoA	-7,22586633	-0,134	0,307
CHR1	11663430	CHR1:11663430	SSF x Far_LoA	-7,56450564	-0,087	0,294
CHR1	11663476	CHR1:11663476	SSF x Far_LoA	-8,48877504	0,109	0,289
CHR1	11667861	CHR1:11667861	SSF x Far_LoA	-10,5959982	0,021	0,305
CHR1	11674411	CHR1:11674411	SSF x Far_LoA	-10,1237447	-0,037	0,310
CHR1	11674485	CHR1:11674485	SSF x Far_LoA	-9,35035867	0,000	0,313
CHR1	11674491	CHR1:11674491	SSF x Far_LoA	-7,76695641	0,041	0,316
CHR1	11674510	CHR1:11674510	SSF x Far_LoA	-10,0283535	-0,101	0,309
CHR1	11674645	CHR1:11674645	SSF x Far_LoA	-11,521175	-0,006	0,294
CHR1	11678685	CHR1:11678685	SSF x Far_LoA	-9,3696184	0,024	0,289
CHR1	1167971	CHR1:1167971	SSF x Far_LoA	-8,62399712	-0,105	0,298
CHR1	1167998	CHR1:1167998	SSF x Far_LoA	-9,08199513	0,030	0,298
CHR1	1168022	CHR1:1168022	SSF x Far_LoA	-9,50326669	-0,190	0,307
CHR1	1168051	CHR1:1168051	SSF x Far_LoA	-9,24682333	-0,003	0,301
CHR1	11692864	CHR1:11692864	SSF x Far_LoA	-9,69512413	-0,124	0,317
CHR1	11693008	CHR1:11693008	SSF x Far_LoA	-8,90884603	0,010	0,312
CHR1	1169338	CHR1:1169338	SSF x Far_LoA	-9,26763174	-0,029	0,308
CHR1	1169342	CHR1:1169342	SSF x Far_LoA	-7,40716531	-0,062	0,303
CHR1	1169522	CHR1:1169522	SSF x Far_LoA	11,6579359	-0,157	0,313
CHR1	11699530	CHR1:11699530	SSF x Far_LoA	-8,80162437	-0,049	0,310
CHR1	11699611	CHR1:11699611	SSF x Far_LoA	-10,1508139	0,023	0,308
CHR1	11699640	CHR1:11699640	SSF x Far_LoA	-10,2532631	-0,021	0,300
CHR1	11699698	CHR1:11699698	SSF x Far_LoA	-10,0350145	-0,018	0,310
CHR1	11699701	CHR1:11699701	SSF x Far_LoA	-11,4333349	-0,012	0,312
CHR1	11699704	CHR1:11699704	SSF x Far_LoA	-11,2030593	0,004	0,310
CHR1	11699723	CHR1:11699723	SSF x Far_LoA	-10,8909128	0,033	0,295
CHR1	11699749	CHR1:11699749	SSF x Far_LoA	-9,59869659	0,139	0,310
CHR1	11699756	CHR1:11699756	SSF x Far_LoA	-9,36151936	0,017	0,297
CHR1	11703414	CHR1:11703414	SSF x Far_LoA	-9,58779951	0,026	0,300
CHR1	11703426	CHR1:11703426	SSF x Far_LoA	-9,54825959	0,052	0,304
CHR1	11703427	CHR1:11703427	SSF x Far_LoA	-8,1344068	0,045	0,296
CHR1	11703437	CHR1:11703437	SSF x Far_LoA	-12,2671467	0,054	0,286
CHR1	11703530	CHR1:11703530	SSF x Far_LoA	-7,23130817	0,009	0,311
CHR1	11703599	CHR1:11703599	SSF x Far_LoA	-10,7966458	-0,076	0,305
CHR1	1170806	CHR1:1170806	SSF x Far_LoA	-8,21332394	-0,121	0,302
CHR1	11716889	CHR1:11716889	SSF x Far_LoA	-9,03174296	-0,034	0,320
CHR1	11716948	CHR1:11716948	SSF x Far_LoA	-9,86637892	-0,123	0,295
CHR1	11721514	CHR1:11721514	SSF x Far_LoA	-11,571723	0,074	0,291
CHR1	11721545	CHR1:11721545	SSF x Far_LoA	-8,37399018	0,001	0,308
CHR1	11721595	CHR1:11721595	SSF x Far_LoA	-10,4840137	-0,036	0,293
CHR1	11722336	CHR1:11722336	SSF x Far_LoA	-7,39742141	-0,066	0,314
CHR1	11722635	CHR1:11722635	SSF x Far_LoA	-11,5717369	0,056	0,300
CHR1	11722693	CHR1:11722693	SSF x Far_LoA	-11,1454455	0,044	0,308
CHR1	11732568	CHR1:11732568	SSF x Far_LoA	-7,51274399	-0,145	0,303
CHR1	11734909	CHR1:11734909	SSF x Far_LoA	-10,7177247	0,067	0,302

CHR1	11734940	CHR1:11734940	SSF x Far_LoA	-10,7396847	0,100	0,322
CHR1	11746055	CHR1:11746055	SSF x Far_LoA	-8,4786875	-0,039	0,299
CHR1	11746056	CHR1:11746056	SSF x Far_LoA	-10,2401097	-0,019	0,294
CHR1	11750078	CHR1:11750078	SSF x Far_LoA	-10,8641965	-0,028	0,296
CHR1	11750287	CHR1:11750287	SSF x Far_LoA	-8,56250846	-0,011	0,322
CHR1	11750308	CHR1:11750308	SSF x Far_LoA	-8,15710441	-0,037	0,301
CHR1	11750329	CHR1:11750329	SSF x Far_LoA	-10,9329784	-0,032	0,294
CHR1	11750377	CHR1:11750377	SSF x Far_LoA	-12,1574717	0,004	0,298
CHR1	11750381	CHR1:11750381	SSF x Far_LoA	-7,73195492	-0,069	0,309
CHR1	11752162	CHR1:11752162	SSF x Far_LoA	-7,79169855	-0,177	0,303
CHR1	11752163	CHR1:11752163	SSF x Far_LoA	-6,81712647	-0,204	0,306
CHR1	11752206	CHR1:11752206	SSF x Far_LoA	-9,65976197	-0,078	0,304
CHR1	11752294	CHR1:11752294	SSF x Far_LoA	-8,40664541	-0,044	0,312
CHR1	11754894	CHR1:11754894	SSF x Far_LoA	-11,7355473	0,071	0,291
CHR1	11755028	CHR1:11755028	SSF x Far_LoA	-7,09573594	0,093	0,301
CHR1	11755048	CHR1:11755048	SSF x Far_LoA	-8,6090868	-0,092	0,296
CHR1	11755065	CHR1:11755065	SSF x Far_LoA	-9,74041888	-0,033	0,300
CHR1	11765232	CHR1:11765232	SSF x Far_LoA	-1,8143867	-0,062	0,303
CHR1	11769985	CHR1:11769985	SSF x Far_LoA	-10,413264	-0,073	0,315
CHR1	11770002	CHR1:11770002	SSF x Far_LoA	-8,53677088	0,045	0,304
CHR1	11770072	CHR1:11770072	SSF x Far_LoA	-8,58372941	-0,119	0,306
CHR1	11770098	CHR1:11770098	SSF x Far_LoA	-9,02282154	0,120	0,301
CHR1	11770109	CHR1:11770109	SSF x Far_LoA	-12,4127886	-0,004	0,315
CHR1	1177187	CHR1:1177187	SSF x Far_LoA	-11,1450056	-0,087	0,293
CHR1	1177304	CHR1:1177304	SSF x Far_LoA	-11,2330767	-0,021	0,314
CHR1	11773149	CHR1:11773149	SSF x Far_LoA	-5,21394032	0,185	0,297
CHR1	11773224	CHR1:11773224	SSF x Far_LoA	-10,0414922	0,077	0,309
CHR1	11773345	CHR1:11773345	SSF x Far_LoA	-11,0254384	-0,053	0,307
CHR1	1177336	CHR1:1177336	SSF x Far_LoA	-11,5216057	-0,026	0,308
CHR1	11778333	CHR1:11778333	SSF x Far_LoA	-9,05815297	-0,007	0,315
CHR1	11782488	CHR1:11782488	SSF x Far_LoA	-8,75620777	-0,070	0,311
CHR1	117838	CHR1:117838	SSF x Far_LoA	-10,0222951	-0,056	0,301
CHR1	11787279	CHR1:11787279	SSF x Far_LoA	-6,94003748	0,085	0,310
CHR1	11787524	CHR1:11787524	SSF x Far_LoA	-5,49856383	-0,094	0,305
CHR1	11801328	CHR1:11801328	SSF x Far_LoA	-7,74990531	-0,126	0,308
CHR1	11801501	CHR1:11801501	SSF x Far_LoA	-10,5730306	-0,109	0,301
CHR1	11801592	CHR1:11801592	SSF x Far_LoA	-9,97582657	-0,007	0,305
CHR1	11809085	CHR1:11809085	SSF x Far_LoA	-10,6168869	-0,003	0,315
CHR1	11814535	CHR1:11814535	SSF x Far_LoA	-8,35537747	-0,090	0,300
CHR1	11814655	CHR1:11814655	SSF x Far_LoA	-9,90224927	0,029	0,294
CHR1	11818063	CHR1:11818063	SSF x Far_LoA	-10,6749576	0,018	0,310
CHR1	11823904	CHR1:11823904	SSF x Far_LoA	-10,9137713	-0,093	0,317
CHR1	11823924	CHR1:11823924	SSF x Far_LoA	-10,8125883	-0,105	0,304
CHR1	11823934	CHR1:11823934	SSF x Far_LoA	-10,3219303	-0,139	0,310
CHR1	11826765	CHR1:11826765	SSF x Far_LoA	-8,83013457	-0,022	0,314
CHR1	11826766	CHR1:11826766	SSF x Far_LoA	-8,45384646	0,023	0,297
CHR1	1182783	CHR1:1182783	SSF x Far_LoA	-10,1360507	-0,068	0,307
CHR1	1182859	CHR1:1182859	SSF x Far_LoA	-5,97387126	-0,096	0,305
CHR1	1182860	CHR1:1182860	SSF x Far_LoA	-9,72195168	-0,042	0,304
CHR1	11830466	CHR1:11830466	SSF x Far_LoA	-10,6143105	0,015	0,301
CHR1	11830467	CHR1:11830467	SSF x Far_LoA	-7,49143482	0,094	0,310
CHR1	11830573	CHR1:11830573	SSF x Far_LoA	-8,86352077	-0,034	0,314
CHR1	11830637	CHR1:11830637	SSF x Far_LoA	-9,79229876	-0,160	0,308

CHR1	11837026	CHR1:11837026	SSF x Far_LoA	-10,3019827	-0,037	0,309
CHR1	11837058	CHR1:11837058	SSF x Far_LoA	-10,6845919	0,035	0,305
CHR1	11837125	CHR1:11837125	SSF x Far_LoA	-7,62910777	0,015	0,313
CHR1	11837186	CHR1:11837186	SSF x Far_LoA	-9,80875453	0,050	0,298
CHR1	11837205	CHR1:11837205	SSF x Far_LoA	-9,42965215	0,013	0,298
CHR1	11871250	CHR1:11871250	SSF x Far_LoA	-6,58746278	-0,093	0,307
CHR1	11871260	CHR1:11871260	SSF x Far_LoA	-11,8474589	0,031	0,322
CHR1	11877566	CHR1:11877566	SSF x Far_LoA	-8,39522841	-0,030	0,311
CHR1	11885636	CHR1:11885636	SSF x Far_LoA	-10,1718824	-0,035	0,319
CHR1	11901260	CHR1:11901260	SSF x Far_LoA	-8,25480383	0,104	0,308
CHR1	11925997	CHR1:11925997	SSF x Far_LoA	-9,09191012	0,058	0,298
CHR1	11926012	CHR1:11926012	SSF x Far_LoA	-11,3317828	-0,018	0,304
CHR1	11926040	CHR1:11926040	SSF x Far_LoA	-8,91114618	0,086	0,306
CHR1	11926099	CHR1:11926099	SSF x Far_LoA	-4,33767253	-0,019	0,321
CHR1	1192874	CHR1:1192874	SSF x Far_LoA	-11,23647	-0,012	0,296
CHR1	1192929	CHR1:1192929	SSF x Far_LoA	-9,15633654	0,036	0,310
CHR1	1193034	CHR1:1193034	SSF x Far_LoA	-10,5357454	-0,075	0,300
CHR1	11964162	CHR1:11964162	SSF x Far_LoA	-8,70933087	0,080	0,308
CHR1	11964191	CHR1:11964191	SSF x Far_LoA	-10,7449847	0,062	0,298
CHR1	11964242	CHR1:11964242	SSF x Far_LoA	-10,9035708	-0,037	0,309
CHR1	11964275	CHR1:11964275	SSF x Far_LoA	-9,47947235	-0,086	0,311
CHR1	11967824	CHR1:11967824	SSF x Far_LoA	-9,19114815	0,058	0,286
CHR1	11967830	CHR1:11967830	SSF x Far_LoA	-10,4517455	0,085	0,299
CHR1	11967858	CHR1:11967858	SSF x Far_LoA	-10,9420463	0,065	0,301
CHR1	11967999	CHR1:11967999	SSF x Far_LoA	-9,65002085	0,068	0,296
CHR1	11968071	CHR1:11968071	SSF x Far_LoA	-8,83378653	-0,028	0,303
CHR1	11971863	CHR1:11971863	SSF x Far_LoA	-10,0762577	-0,060	0,307
CHR1	11972674	CHR1:11972674	SSF x Far_LoA	-9,98047049	-0,007	0,305
CHR1	11977617	CHR1:11977617	SSF x Far_LoA	-9,44360223	-0,037	0,305
CHR1	11977635	CHR1:11977635	SSF x Far_LoA	-9,24585228	0,068	0,305
CHR1	11977643	CHR1:11977643	SSF x Far_LoA	-10,0456588	0,080	0,299
CHR1	11977679	CHR1:11977679	SSF x Far_LoA	-11,2560563	-0,054	0,299
CHR1	11977761	CHR1:11977761	SSF x Far_LoA	-9,94860573	-0,026	0,306
CHR1	11977867	CHR1:11977867	SSF x Far_LoA	-9,86746734	0,041	0,315
CHR1	11981639	CHR1:11981639	SSF x Far_LoA	-9,33736246	0,053	0,322
CHR1	11981668	CHR1:11981668	SSF x Far_LoA	-7,9612953	-0,002	0,291
CHR1	11981699	CHR1:11981699	SSF x Far_LoA	-9,72683462	0,092	0,302
CHR1	1198691	CHR1:1198691	SSF x Far_LoA	-7,88669562	-0,058	0,280
CHR1	11987066	CHR1:11987066	SSF x Far_LoA	-12,3330957	0,015	0,308
CHR1	11987088	CHR1:11987088	SSF x Far_LoA	-8,29350797	-0,047	0,309
CHR1	11987141	CHR1:11987141	SSF x Far_LoA	-7,55386527	0,110	0,307
CHR1	11987157	CHR1:11987157	SSF x Far_LoA	-8,67232664	0,061	0,308
CHR1	11987158	CHR1:11987158	SSF x Far_LoA	-12,1163073	-0,047	0,310
CHR1	11987159	CHR1:11987159	SSF x Far_LoA	-6,12608359	-0,061	0,308
CHR1	11987164	CHR1:11987164	SSF x Far_LoA	-8,95786836	-0,013	0,310
CHR1	11990613	CHR1:11990613	SSF x Far_LoA	-10,6236553	-0,027	0,303
CHR1	11990632	CHR1:11990632	SSF x Far_LoA	-11,7550045	-0,035	0,307
CHR1	11990686	CHR1:11990686	SSF x Far_LoA	-7,37291211	0,074	0,308
CHR1	11990687	CHR1:11990687	SSF x Far_LoA	-11,9685456	0,071	0,297
CHR1	11990741	CHR1:11990741	SSF x Far_LoA	-3,14794607	0,243	0,279
CHR1	11990747	CHR1:11990747	SSF x Far_LoA	-7,31684552	-0,086	0,317
CHR1	11990757	CHR1:11990757	SSF x Far_LoA	-9,68219838	0,017	0,312
CHR1	11990808	CHR1:11990808	SSF x Far_LoA	-8,33793624	-0,051	0,319

CHR1	11990809	CHR1:11990809	SSF x Far_LoA	1,99458115	0,237	0,297
CHR1	11990871	CHR1:11990871	SSF x Far_LoA	-10,4983805	-0,123	0,314
CHR1	11990885	CHR1:11990885	SSF x Far_LoA	-6,08485185	-0,169	0,314
CHR1	11996165	CHR1:11996165	SSF x Far_LoA	-9,68638385	-0,034	0,315
CHR1	12005972	CHR1:12005972	SSF x Far_LoA	-10,3094437	0,001	0,306
CHR1	12006007	CHR1:12006007	SSF x Far_LoA	-11,0896386	0,072	0,305
CHR1	12006044	CHR1:12006044	SSF x Far_LoA	-8,47475261	-0,041	0,313
CHR1	12006048	CHR1:12006048	SSF x Far_LoA	-8,55291768	-0,016	0,301
CHR1	12006062	CHR1:12006062	SSF x Far_LoA	-9,21176527	0,047	0,316
CHR1	12010553	CHR1:12010553	SSF x Far_LoA	-10,5641629	-0,010	0,308
CHR1	12010585	CHR1:12010585	SSF x Far_LoA	-10,0215274	-0,004	0,301
CHR1	12010607	CHR1:12010607	SSF x Far_LoA	-9,33107069	0,008	0,313
CHR1	12010650	CHR1:12010650	SSF x Far_LoA	-5,86963683	0,098	0,311
CHR1	12010669	CHR1:12010669	SSF x Far_LoA	-11,1792021	0,054	0,309
CHR1	12010709	CHR1:12010709	SSF x Far_LoA	-11,7296768	0,068	0,296
CHR1	12010722	CHR1:12010722	SSF x Far_LoA	-11,4960551	0,048	0,304
CHR1	12010729	CHR1:12010729	SSF x Far_LoA	-10,5637953	-0,028	0,303
CHR1	12010838	CHR1:12010838	SSF x Far_LoA	-9,84738124	-0,061	0,292
CHR1	12010840	CHR1:12010840	SSF x Far_LoA	-6,80464548	-0,059	0,304
CHR1	12010842	CHR1:12010842	SSF x Far_LoA	-10,121618	-0,064	0,302
CHR1	12010860	CHR1:12010860	SSF x Far_LoA	-8,27687236	-0,083	0,312
CHR1	12010861	CHR1:12010861	SSF x Far_LoA	-7,84006603	-0,015	0,303
CHR1	12010868	CHR1:12010868	SSF x Far_LoA	-7,74675557	-0,057	0,308
CHR1	12028400	CHR1:12028400	SSF x Far_LoA	-9,09137143	0,004	0,313
CHR1	12028427	CHR1:12028427	SSF x Far_LoA	-9,46471777	-0,016	0,323
CHR1	12028438	CHR1:12028438	SSF x Far_LoA	-10,3916011	0,014	0,319
CHR1	12030351	CHR1:12030351	SSF x Far_LoA	-10,1751359	0,129	0,305
CHR1	12031229	CHR1:12031229	SSF x Far_LoA	-3,71760681	-0,073	0,302
CHR1	12031246	CHR1:12031246	SSF x Far_LoA	-9,71564352	0,081	0,313
CHR1	12031253	CHR1:12031253	SSF x Far_LoA	-8,89427155	0,041	0,297
CHR1	12031264	CHR1:12031264	SSF x Far_LoA	-9,06944121	0,074	0,301
CHR1	12031266	CHR1:12031266	SSF x Far_LoA	-9,54873165	0,063	0,305
CHR1	12031325	CHR1:12031325	SSF x Far_LoA	-11,7575483	0,016	0,309
CHR1	12031332	CHR1:12031332	SSF x Far_LoA	-11,4753948	0,007	0,310
CHR1	1204260	CHR1:1204260	SSF x Far_LoA	-8,69314636	-0,048	0,292
CHR1	1204288	CHR1:1204288	SSF x Far_LoA	-8,22023914	-0,049	0,315
CHR1	1204290	CHR1:1204290	SSF x Far_LoA	-12,0993986	-0,025	0,294
CHR1	1204368	CHR1:1204368	SSF x Far_LoA	-8,98626576	-0,053	0,299
CHR1	1204521	CHR1:1204521	SSF x Far_LoA	-11,2177273	-0,065	0,285
CHR1	12047332	CHR1:12047332	SSF x Far_LoA	-5,98202891	-0,093	0,311
CHR1	12047397	CHR1:12047397	SSF x Far_LoA	-10,1595279	-0,137	0,303
CHR1	12047410	CHR1:12047410	SSF x Far_LoA	-11,4632401	-0,026	0,309
CHR1	12047416	CHR1:12047416	SSF x Far_LoA	-11,1952032	-0,070	0,298
CHR1	12047625	CHR1:12047625	SSF x Far_LoA	-8,6744475	-0,065	0,305
CHR1	12047629	CHR1:12047629	SSF x Far_LoA	-8,28734573	0,036	0,302
CHR1	12047631	CHR1:12047631	SSF x Far_LoA	-10,1371948	-0,029	0,323
CHR1	12047654	CHR1:12047654	SSF x Far_LoA	-9,16265413	-0,016	0,297
CHR1	12047734	CHR1:12047734	SSF x Far_LoA	-10,7468828	-0,061	0,304
CHR1	1209531	CHR1:1209531	SSF x Far_LoA	-11,3854689	0,077	0,308
CHR1	1209533	CHR1:1209533	SSF x Far_LoA	-5,66870974	0,163	0,279
CHR1	1209541	CHR1:1209541	SSF x Far_LoA	-7,51178207	-0,128	0,305
CHR1	1209543	CHR1:1209543	SSF x Far_LoA	-7,87504513	-0,118	0,294
CHR1	12098237	CHR1:12098237	SSF x Far_LoA	-9,72865779	0,030	0,314

CHR1	12100182	CHR1:12100182	SSF x Far_LoA	-11,8262849	0,013	0,306
CHR1	12100184	CHR1:12100184	SSF x Far_LoA	-10,1902476	0,001	0,307
CHR1	12100215	CHR1:12100215	SSF x Far_LoA	-7,52549159	-0,107	0,299
CHR1	12100345	CHR1:12100345	SSF x Far_LoA	-9,17939453	0,187	0,298
CHR1	12100382	CHR1:12100382	SSF x Far_LoA	-10,8035875	-0,103	0,311
CHR1	12100405	CHR1:12100405	SSF x Far_LoA	-10,4667562	-0,008	0,302
CHR1	12105206	CHR1:12105206	SSF x Far_LoA	-5,64968155	0,073	0,306
CHR1	12105207	CHR1:12105207	SSF x Far_LoA	-8,48255869	0,105	0,311
CHR1	12110840	CHR1:12110840	SSF x Far_LoA	-9,86372622	0,005	0,312
CHR1	12110846	CHR1:12110846	SSF x Far_LoA	-8,43209946	0,015	0,317
CHR1	12110848	CHR1:12110848	SSF x Far_LoA	-10,144498	0,005	0,312
CHR1	12110957	CHR1:12110957	SSF x Far_LoA	-7,86087242	0,059	0,312
CHR1	12115456	CHR1:12115456	SSF x Far_LoA	-9,73278316	0,030	0,298
CHR1	12115463	CHR1:12115463	SSF x Far_LoA	-9,61574189	0,015	0,299
CHR1	12115485	CHR1:12115485	SSF x Far_LoA	-10,7561504	0,030	0,294
CHR1	12115492	CHR1:12115492	SSF x Far_LoA	-8,9758385	0,001	0,317
CHR1	12121911	CHR1:12121911	SSF x Far_LoA	-7,05357829	-0,003	0,306
CHR1	12121922	CHR1:12121922	SSF x Far_LoA	-9,20975263	-0,037	0,312
CHR1	12121926	CHR1:12121926	SSF x Far_LoA	-9,29429974	-0,041	0,313
CHR1	12122133	CHR1:12122133	SSF x Far_LoA	-4,99853522	0,002	0,313
CHR1	12123533	CHR1:12123533	SSF x Far_LoA	-9,54523047	0,018	0,318
CHR1	12123546	CHR1:12123546	SSF x Far_LoA	-10,6397428	0,097	0,303
CHR1	12123685	CHR1:12123685	SSF x Far_LoA	-7,43530459	-0,106	0,307
CHR1	12123699	CHR1:12123699	SSF x Far_LoA	-9,96534257	-0,006	0,298
CHR1	12127378	CHR1:12127378	SSF x Far_LoA	-9,58167824	0,134	0,297
CHR1	12127528	CHR1:12127528	SSF x Far_LoA	-9,08704249	-0,056	0,307
CHR1	12127554	CHR1:12127554	SSF x Far_LoA	-11,0505718	0,077	0,297
CHR1	12127583	CHR1:12127583	SSF x Far_LoA	-10,3241584	0,034	0,299
CHR1	12131702	CHR1:12131702	SSF x Far_LoA	-10,7565192	-0,015	0,302
CHR1	12131805	CHR1:12131805	SSF x Far_LoA	-10,0943048	0,003	0,317
CHR1	12131885	CHR1:12131885	SSF x Far_LoA	-10,5696947	-0,015	0,302
CHR1	12131964	CHR1:12131964	SSF x Far_LoA	-10,5617269	0,063	0,305
CHR1	12133531	CHR1:12133531	SSF x Far_LoA	-6,47122018	0,195	0,294
CHR1	12133578	CHR1:12133578	SSF x Far_LoA	-9,75079709	-0,047	0,308
CHR1	12136136	CHR1:12136136	SSF x Far_LoA	-11,4452381	0,044	0,311
CHR1	12136156	CHR1:12136156	SSF x Far_LoA	-10,0429722	-0,097	0,306
CHR1	12140299	CHR1:12140299	SSF x Far_LoA	-12,4138341	0,046	0,295
CHR1	12140457	CHR1:12140457	SSF x Far_LoA	-3,51627279	0,159	0,300
CHR1	12140569	CHR1:12140569	SSF x Far_LoA	-12,1456381	0,033	0,304
CHR1	12145621	CHR1:12145621	SSF x Far_LoA	-10,2840167	0,015	0,303
CHR1	12158398	CHR1:12158398	SSF x Far_LoA	-9,0928519	-0,157	0,292
CHR1	12158413	CHR1:12158413	SSF x Far_LoA	-10,5704302	0,090	0,307
CHR1	12158414	CHR1:12158414	SSF x Far_LoA	-10,9038287	0,072	0,309
CHR1	12158425	CHR1:12158425	SSF x Far_LoA	-9,15400097	0,080	0,281
CHR1	12158447	CHR1:12158447	SSF x Far_LoA	-7,83692245	-0,160	0,302
CHR1	12158472	CHR1:12158472	SSF x Far_LoA	-9,80533757	0,131	0,295
CHR1	12158500	CHR1:12158500	SSF x Far_LoA	-11,9305662	-0,014	0,306
CHR1	12167245	CHR1:12167245	SSF x Far_LoA	-5,84489767	0,124	0,300
CHR1	12167348	CHR1:12167348	SSF x Far_LoA	-9,26336473	-0,081	0,303
CHR1	12167373	CHR1:12167373	SSF x Far_LoA	-7,02066343	-0,084	0,318
CHR1	12167411	CHR1:12167411	SSF x Far_LoA	-9,67789419	-0,093	0,313
CHR1	12174914	CHR1:12174914	SSF x Far_LoA	-5,99729766	0,160	0,300
CHR1	12174932	CHR1:12174932	SSF x Far_LoA	-8,04911298	-0,160	0,305

CHR1	12175002	CHR1:12175002	SSF x Far_LoA	-9,14413285	-0,054	0,301
CHR1	12175015	CHR1:12175015	SSF x Far_LoA	-8,65709115	0,011	0,312
CHR1	12175076	CHR1:12175076	SSF x Far_LoA	-10,8597454	-0,097	0,318
CHR1	12175081	CHR1:12175081	SSF x Far_LoA	-9,13771068	0,096	0,302
CHR1	12175095	CHR1:12175095	SSF x Far_LoA	-10,8398635	0,040	0,304
CHR1	12175097	CHR1:12175097	SSF x Far_LoA	-8,14717681	-0,005	0,317
CHR1	12175131	CHR1:12175131	SSF x Far_LoA	-7,25514653	0,088	0,299
CHR1	12175135	CHR1:12175135	SSF x Far_LoA	-8,09648083	-0,159	0,308
CHR1	12175141	CHR1:12175141	SSF x Far_LoA	-11,0674626	0,110	0,295
CHR1	12175145	CHR1:12175145	SSF x Far_LoA	-10,3516799	-0,070	0,300
CHR1	12186322	CHR1:12186322	SSF x Far_LoA	-11,345398	-0,004	0,311
CHR1	12193752	CHR1:12193752	SSF x Far_LoA	-11,722449	0,036	0,311
CHR1	12193767	CHR1:12193767	SSF x Far_LoA	-11,5566559	0,060	0,307
CHR1	12193786	CHR1:12193786	SSF x Far_LoA	-2,05205227	-0,201	0,295
CHR1	12193857	CHR1:12193857	SSF x Far_LoA	-8,45308498	0,108	0,306
CHR1	12195582	CHR1:12195582	SSF x Far_LoA	-11,2565277	0,077	0,299
CHR1	12195703	CHR1:12195703	SSF x Far_LoA	-7,82117597	-0,142	0,294
CHR1	12195773	CHR1:12195773	SSF x Far_LoA	-10,6301909	0,079	0,305
CHR1	12199335	CHR1:12199335	SSF x Far_LoA	-4,49019268	-0,214	0,288
CHR1	12199337	CHR1:12199337	SSF x Far_LoA	-5,36536553	0,193	0,302
CHR1	12199340	CHR1:12199340	SSF x Far_LoA	-8,65415228	0,040	0,311
CHR1	12199510	CHR1:12199510	SSF x Far_LoA	-10,6045247	-0,086	0,305
CHR1	12199589	CHR1:12199589	SSF x Far_LoA	-10,0825813	0,006	0,300
CHR1	12199640	CHR1:12199640	SSF x Far_LoA	-9,15506251	-0,031	0,310
CHR1	12205681	CHR1:12205681	SSF x Far_LoA	-7,38191086	0,165	0,298
CHR1	12205913	CHR1:12205913	SSF x Far_LoA	-8,25420456	-0,056	0,299
CHR1	12220381	CHR1:12220381	SSF x Far_LoA	-8,19660542	0,019	0,316
CHR1	12220453	CHR1:12220453	SSF x Far_LoA	-7,80884783	0,128	0,301
CHR1	12220455	CHR1:12220455	SSF x Far_LoA	3,60000336	0,215	0,296
CHR1	12220502	CHR1:12220502	SSF x Far_LoA	-6,775915	0,129	0,308
CHR1	12220619	CHR1:12220619	SSF x Far_LoA	-3,49326137	-0,053	0,306
CHR1	1222432	CHR1:1222432	SSF x Far_LoA	-7,62499603	-0,078	0,287
CHR1	1222510	CHR1:1222510	SSF x Far_LoA	-8,79963504	0,015	0,308
CHR1	12237944	CHR1:12237944	SSF x Far_LoA	-7,894947	-0,024	0,306
CHR1	12237968	CHR1:12237968	SSF x Far_LoA	-9,50767557	-0,060	0,311
CHR1	12255287	CHR1:12255287	SSF x Far_LoA	-10,394586	-0,058	0,316
CHR1	12255311	CHR1:12255311	SSF x Far_LoA	-9,47054094	-0,057	0,307
CHR1	12255326	CHR1:12255326	SSF x Far_LoA	-9,99775128	0,028	0,307
CHR1	12255409	CHR1:12255409	SSF x Far_LoA	-8,69141834	-0,055	0,306
CHR1	12255469	CHR1:12255469	SSF x Far_LoA	-8,71820338	0,037	0,313
CHR1	12255510	CHR1:12255510	SSF x Far_LoA	-9,52981337	0,144	0,314
CHR1	1225877	CHR1:1225877	SSF x Far_LoA	-10,1302781	0,040	0,314
CHR1	1225880	CHR1:1225880	SSF x Far_LoA	-9,48987776	0,049	0,299
CHR1	12259241	CHR1:12259241	SSF x Far_LoA	-10,0227521	0,038	0,308
CHR1	12259274	CHR1:12259274	SSF x Far_LoA	-9,20402491	-0,068	0,299
CHR1	12259476	CHR1:12259476	SSF x Far_LoA	-10,729813	0,038	0,289
CHR1	12259501	CHR1:12259501	SSF x Far_LoA	-7,79593355	-0,072	0,309
CHR1	1225952	CHR1:1225952	SSF x Far_LoA	-6,66591062	0,223	0,285
CHR1	1226019	CHR1:1226019	SSF x Far_LoA	-7,65096586	0,039	0,319
CHR1	1226113	CHR1:1226113	SSF x Far_LoA	-10,4403092	0,085	0,290
CHR1	1226160	CHR1:1226160	SSF x Far_LoA	-11,6713666	-0,021	0,315
CHR1	12325488	CHR1:12325488	SSF x Far_LoA	-8,52437527	-0,039	0,317
CHR1	12325489	CHR1:12325489	SSF x Far_LoA	-8,09645229	-0,008	0,318

CHR1	12325527	CHR1:12325527	SSF x Far_LoA	-9,99466868	-0,081	0,297
CHR1	12325601	CHR1:12325601	SSF x Far_LoA	-11,7974153	-0,018	0,297
CHR1	12325611	CHR1:12325611	SSF x Far_LoA	-10,4646477	0,016	0,313
CHR1	12325635	CHR1:12325635	SSF x Far_LoA	-9,08292394	-0,005	0,305
CHR1	12325979	CHR1:12325979	SSF x Far_LoA	-10,4886178	-0,004	0,310
CHR1	12326037	CHR1:12326037	SSF x Far_LoA	-10,3458383	0,044	0,313
CHR1	12326068	CHR1:12326068	SSF x Far_LoA	-8,02736683	-0,109	0,311
CHR1	12331606	CHR1:12331606	SSF x Far_LoA	-11,6002505	0,057	0,298
CHR1	12331623	CHR1:12331623	SSF x Far_LoA	-8,43246495	-0,083	0,321
CHR1	12331634	CHR1:12331634	SSF x Far_LoA	-8,86757949	-0,152	0,293
CHR1	12331639	CHR1:12331639	SSF x Far_LoA	-5,46727902	-0,117	0,294
CHR1	12331702	CHR1:12331702	SSF x Far_LoA	-8,45057842	0,004	0,316
CHR1	12331711	CHR1:12331711	SSF x Far_LoA	-9,05900201	0,006	0,306
CHR1	12340642	CHR1:12340642	SSF x Far_LoA	-9,21654577	0,067	0,303
CHR1	12340660	CHR1:12340660	SSF x Far_LoA	-10,2781671	0,044	0,306
CHR1	12355229	CHR1:12355229	SSF x Far_LoA	-9,83580243	-0,051	0,296
CHR1	12355310	CHR1:12355310	SSF x Far_LoA	-7,16060982	0,046	0,307
CHR1	12373001	CHR1:12373001	SSF x Far_LoA	-7,52254743	0,095	0,293
CHR1	12397862	CHR1:12397862	SSF x Far_LoA	-8,04328815	-0,188	0,299
CHR1	12403966	CHR1:12403966	SSF x Far_LoA	-7,63331309	0,011	0,305
CHR1	12404009	CHR1:12404009	SSF x Far_LoA	-7,71842857	-0,137	0,298
CHR1	12404054	CHR1:12404054	SSF x Far_LoA	-7,33169821	-0,016	0,297
CHR1	12404055	CHR1:12404055	SSF x Far_LoA	-9,0070985	0,024	0,297
CHR1	12411598	CHR1:12411598	SSF x Far_LoA	-8,25294413	0,049	0,301
CHR1	12411604	CHR1:12411604	SSF x Far_LoA	-11,7805587	-0,075	0,294
CHR1	12411770	CHR1:12411770	SSF x Far_LoA	-8,26733894	-0,032	0,295
CHR1	12436019	CHR1:12436019	SSF x Far_LoA	-8,0635387	-0,037	0,314
CHR1	12436808	CHR1:12436808	SSF x Far_LoA	-7,86850455	0,033	0,307
CHR1	1244524	CHR1:1244524	SSF x Far_LoA	-9,54292026	0,037	0,298
CHR1	12449716	CHR1:12449716	SSF x Far_LoA	-10,7477716	-0,098	0,316
CHR1	12449815	CHR1:12449815	SSF x Far_LoA	-10,1291467	0,164	0,296
CHR1	12449969	CHR1:12449969	SSF x Far_LoA	-8,50729883	0,057	0,317
CHR1	12471590	CHR1:12471590	SSF x Far_LoA	-11,6626711	-0,037	0,297
CHR1	12505843	CHR1:12505843	SSF x Far_LoA	-4,13462021	-0,167	0,291
CHR1	12505858	CHR1:12505858	SSF x Far_LoA	-10,1359308	0,019	0,314
CHR1	12505875	CHR1:12505875	SSF x Far_LoA	-5,8052226	0,074	0,310
CHR1	12505935	CHR1:12505935	SSF x Far_LoA	-8,39468332	0,116	0,284
CHR1	12506055	CHR1:12506055	SSF x Far_LoA	-7,6790579	0,064	0,301
CHR1	12509738	CHR1:12509738	SSF x Far_LoA	-7,39626822	-0,068	0,306
CHR1	12512085	CHR1:12512085	SSF x Far_LoA	-10,1643924	-0,059	0,301
CHR1	12512127	CHR1:12512127	SSF x Far_LoA	-8,53838183	-0,052	0,302
CHR1	12512708	CHR1:12512708	SSF x Far_LoA	-8,80747448	0,053	0,305
CHR1	12512744	CHR1:12512744	SSF x Far_LoA	-9,46475137	0,060	0,280
CHR1	12512761	CHR1:12512761	SSF x Far_LoA	-11,5684428	-0,015	0,309
CHR1	12517998	CHR1:12517998	SSF x Far_LoA	-11,758592	0,026	0,304
CHR1	12518052	CHR1:12518052	SSF x Far_LoA	-12,8122189	-0,052	0,292
CHR1	12518076	CHR1:12518076	SSF x Far_LoA	-8,66397047	-0,078	0,312
CHR1	12518078	CHR1:12518078	SSF x Far_LoA	-10,534968	-0,028	0,309
CHR1	12518104	CHR1:12518104	SSF x Far_LoA	-8,0162705	-0,080	0,312
CHR1	12518122	CHR1:12518122	SSF x Far_LoA	-10,326564	0,007	0,328
CHR1	12518141	CHR1:12518141	SSF x Far_LoA	-10,7550027	-0,087	0,311
CHR1	12518168	CHR1:12518168	SSF x Far_LoA	-8,74197159	0,049	0,302
CHR1	12518181	CHR1:12518181	SSF x Far_LoA	-7,70595114	-0,083	0,318

CHR1	12518230	CHR1:12518230	SSF x Far_LoA	-11,1939904	-0,030	0,304
CHR1	12521956	CHR1:12521956	SSF x Far_LoA	-7,05932187	0,108	0,298
CHR1	12522347	CHR1:12522347	SSF x Far_LoA	-10,0975734	0,080	0,299
CHR1	12524998	CHR1:12524998	SSF x Far_LoA	-9,00477487	0,078	0,313
CHR1	1252500	CHR1:1252500	SSF x Far_LoA	-10,2905814	-0,090	0,304
CHR1	12525045	CHR1:12525045	SSF x Far_LoA	-0,70754106	-0,218	0,286
CHR1	1252513	CHR1:1252513	SSF x Far_LoA	-9,63047266	-0,001	0,312
CHR1	1252596	CHR1:1252596	SSF x Far_LoA	-8,47390723	0,144	0,304
CHR1	1252601	CHR1:1252601	SSF x Far_LoA	-6,97277884	0,182	0,298
CHR1	1252639	CHR1:1252639	SSF x Far_LoA	-10,2153135	-0,004	0,313
CHR1	1252749	CHR1:1252749	SSF x Far_LoA	-6,39443075	0,085	0,302
CHR1	12537807	CHR1:12537807	SSF x Far_LoA	-11,7535128	0,009	0,301
CHR1	12537838	CHR1:12537838	SSF x Far_LoA	-10,3390227	0,132	0,295
CHR1	12537906	CHR1:12537906	SSF x Far_LoA	-8,7879042	0,035	0,300
CHR1	12537944	CHR1:12537944	SSF x Far_LoA	-8,70570693	-0,111	0,322
CHR1	12537946	CHR1:12537946	SSF x Far_LoA	-9,93448063	-0,131	0,308
CHR1	12537984	CHR1:12537984	SSF x Far_LoA	-8,37981709	0,132	0,298
CHR1	12537985	CHR1:12537985	SSF x Far_LoA	-7,95732738	0,124	0,305
CHR1	12538017	CHR1:12538017	SSF x Far_LoA	-8,19180568	-0,049	0,311
CHR1	12538019	CHR1:12538019	SSF x Far_LoA	-9,53396716	0,059	0,309
CHR1	12538058	CHR1:12538058	SSF x Far_LoA	-10,7125189	-0,111	0,312
CHR1	12545938	CHR1:12545938	SSF x Far_LoA	-3,8219202	-0,203	0,300
CHR1	12545994	CHR1:12545994	SSF x Far_LoA	-7,62819102	0,080	0,299
CHR1	12554036	CHR1:12554036	SSF x Far_LoA	-9,36182387	-0,003	0,312
CHR1	12554061	CHR1:12554061	SSF x Far_LoA	-1,5691298	-0,016	0,319
CHR1	12566400	CHR1:12566400	SSF x Far_LoA	-6,94036888	-0,035	0,316
CHR1	12566438	CHR1:12566438	SSF x Far_LoA	-9,4583694	-0,122	0,304
CHR1	12566506	CHR1:12566506	SSF x Far_LoA	-10,1612245	0,102	0,312
CHR1	12566553	CHR1:12566553	SSF x Far_LoA	-8,8536654	0,033	0,303
CHR1	12566576	CHR1:12566576	SSF x Far_LoA	-8,93502791	0,130	0,306
CHR1	12566580	CHR1:12566580	SSF x Far_LoA	-6,92938426	0,166	0,304
CHR1	12584947	CHR1:12584947	SSF x Far_LoA	-10,8034744	-0,045	0,305
CHR1	12595209	CHR1:12595209	SSF x Far_LoA	-10,4116481	0,081	0,301
CHR1	12595235	CHR1:12595235	SSF x Far_LoA	-8,03829923	-0,127	0,312
CHR1	12608522	CHR1:12608522	SSF x Far_LoA	-10,1969675	0,017	0,294
CHR1	12608529	CHR1:12608529	SSF x Far_LoA	-11,0972901	0,024	0,298
CHR1	1261166	CHR1:1261166	SSF x Far_LoA	-10,2855244	0,054	0,302
CHR1	1261169	CHR1:1261169	SSF x Far_LoA	-9,3126958	-0,004	0,310
CHR1	1261180	CHR1:1261180	SSF x Far_LoA	-11,0441845	-0,091	0,312
CHR1	1261269	CHR1:1261269	SSF x Far_LoA	-8,41962295	-0,024	0,306
CHR1	1261386	CHR1:1261386	SSF x Far_LoA	-10,4039529	0,016	0,309
CHR1	1261452	CHR1:1261452	SSF x Far_LoA	-4,78131543	-0,015	0,313
CHR1	1261502	CHR1:1261502	SSF x Far_LoA	-11,0926471	0,052	0,315
CHR1	12632343	CHR1:12632343	SSF x Far_LoA	-10,2314939	0,070	0,323
CHR1	12632368	CHR1:12632368	SSF x Far_LoA	-10,0188727	0,094	0,297
CHR1	12632380	CHR1:12632380	SSF x Far_LoA	-8,56384898	-0,008	0,294
CHR1	12632427	CHR1:12632427	SSF x Far_LoA	-10,9661582	-0,057	0,294
CHR1	12639498	CHR1:12639498	SSF x Far_LoA	-7,77104341	0,080	0,306
CHR1	12639499	CHR1:12639499	SSF x Far_LoA	-8,49264273	0,111	0,315
CHR1	12639709	CHR1:12639709	SSF x Far_LoA	-10,0870992	-0,041	0,318
CHR1	12647452	CHR1:12647452	SSF x Far_LoA	-12,451326	0,065	0,289
CHR1	12647481	CHR1:12647481	SSF x Far_LoA	-11,4743986	-0,067	0,298
CHR1	12647502	CHR1:12647502	SSF x Far_LoA	-11,9777276	0,038	0,304

CHR1	12647580	CHR1:12647580	SSF x Far_LoA	-5,7296668	0,200	0,292
CHR1	12647591	CHR1:12647591	SSF x Far_LoA	-9,42824836	0,031	0,318
CHR1	12647620	CHR1:12647620	SSF x Far_LoA	-8,61369835	0,088	0,307
CHR1	12647638	CHR1:12647638	SSF x Far_LoA	-5,19279928	-0,089	0,306
CHR1	12656933	CHR1:12656933	SSF x Far_LoA	-7,3149528	0,097	0,314
CHR1	12656994	CHR1:12656994	SSF x Far_LoA	-10,835798	-0,052	0,288
CHR1	12657050	CHR1:12657050	SSF x Far_LoA	-8,50024445	-0,048	0,315
CHR1	12657976	CHR1:12657976	SSF x Far_LoA	-6,95047769	0,135	0,309
CHR1	12667808	CHR1:12667808	SSF x Far_LoA	-8,34032993	0,122	0,281
CHR1	12667851	CHR1:12667851	SSF x Far_LoA	-12,110526	0,060	0,293
CHR1	1267332	CHR1:1267332	SSF x Far_LoA	-10,7028674	0,028	0,324
CHR1	1267423	CHR1:1267423	SSF x Far_LoA	-8,22214027	-0,036	0,334
CHR1	12695211	CHR1:12695211	SSF x Far_LoA	-10,6428921	-0,059	0,308
CHR1	12695214	CHR1:12695214	SSF x Far_LoA	-7,31287893	-0,010	0,306
CHR1	12695227	CHR1:12695227	SSF x Far_LoA	-7,69704904	-0,047	0,328
CHR1	12695282	CHR1:12695282	SSF x Far_LoA	-10,1600623	0,061	0,307
CHR1	12695338	CHR1:12695338	SSF x Far_LoA	-11,4903481	-0,061	0,316
CHR1	12695398	CHR1:12695398	SSF x Far_LoA	-8,48039088	0,115	0,294
CHR1	12695526	CHR1:12695526	SSF x Far_LoA	-3,34360762	-0,098	0,310
CHR1	12697312	CHR1:12697312	SSF x Far_LoA	-9,53210362	-0,116	0,319
CHR1	12697393	CHR1:12697393	SSF x Far_LoA	-9,37640485	0,001	0,306
CHR1	12697449	CHR1:12697449	SSF x Far_LoA	-11,1891462	-0,101	0,297
CHR1	12708816	CHR1:12708816	SSF x Far_LoA	-8,57477737	0,095	0,306
CHR1	12711912	CHR1:12711912	SSF x Far_LoA	-9,30924369	-0,014	0,319
CHR1	12711965	CHR1:12711965	SSF x Far_LoA	-10,9188491	0,024	0,297
CHR1	12712018	CHR1:12712018	SSF x Far_LoA	-10,0503987	-0,083	0,305
CHR1	127132	CHR1:127132	SSF x Far_LoA	-9,01979047	0,012	0,299
CHR1	1274384	CHR1:1274384	SSF x Far_LoA	-11,0995056	-0,001	0,307
CHR1	1274536	CHR1:1274536	SSF x Far_LoA	-6,33582714	-0,073	0,316
CHR1	1274555	CHR1:1274555	SSF x Far_LoA	-3,24497649	-0,068	0,311
CHR1	1274582	CHR1:1274582	SSF x Far_LoA	-8,7291864	0,039	0,286
CHR1	12759284	CHR1:12759284	SSF x Far_LoA	-9,29924075	0,094	0,295
CHR1	12765347	CHR1:12765347	SSF x Far_LoA	-8,90308634	0,044	0,301
CHR1	12765368	CHR1:12765368	SSF x Far_LoA	-10,8004522	0,014	0,302
CHR1	12765369	CHR1:12765369	SSF x Far_LoA	-9,93711429	-0,095	0,314
CHR1	12768137	CHR1:12768137	SSF x Far_LoA	-8,48467201	0,009	0,320
CHR1	12768268	CHR1:12768268	SSF x Far_LoA	-8,51699409	-0,044	0,312
CHR1	12768387	CHR1:12768387	SSF x Far_LoA	-8,25619052	0,100	0,319
CHR1	12769794	CHR1:12769794	SSF x Far_LoA	-12,0192381	-0,007	0,302
CHR1	12769796	CHR1:12769796	SSF x Far_LoA	-2,6703067	-0,027	0,303
CHR1	12769813	CHR1:12769813	SSF x Far_LoA	-9,44117521	0,034	0,313
CHR1	12769829	CHR1:12769829	SSF x Far_LoA	-9,19806754	-0,053	0,307
CHR1	12769843	CHR1:12769843	SSF x Far_LoA	-10,7148702	-0,037	0,308
CHR1	12769850	CHR1:12769850	SSF x Far_LoA	-10,8639401	-0,105	0,288
CHR1	12769854	CHR1:12769854	SSF x Far_LoA	-10,4814693	-0,066	0,314
CHR1	12769864	CHR1:12769864	SSF x Far_LoA	-9,27799871	-0,115	0,316
CHR1	12769867	CHR1:12769867	SSF x Far_LoA	-8,18263901	0,028	0,312
CHR1	12769910	CHR1:12769910	SSF x Far_LoA	-11,099969	0,033	0,303
CHR1	12770180	CHR1:12770180	SSF x Far_LoA	-7,20887466	0,063	0,306
CHR1	12770182	CHR1:12770182	SSF x Far_LoA	-10,1755044	-0,027	0,296
CHR1	12770190	CHR1:12770190	SSF x Far_LoA	-1,66268092	-0,216	0,270
CHR1	12770215	CHR1:12770215	SSF x Far_LoA	-7,6225199	0,050	0,303
CHR1	12770234	CHR1:12770234	SSF x Far_LoA	-9,52688194	-0,055	0,313

CHR1	12770235	CHR1:12770235	SSF x Far_LoA	-11,203495	-0,055	0,295
CHR1	12770239	CHR1:12770239	SSF x Far_LoA	-6,78157279	-0,088	0,306
CHR1	12770251	CHR1:12770251	SSF x Far_LoA	-9,62568765	0,073	0,304
CHR1	12774583	CHR1:12774583	SSF x Far_LoA	-6,34846891	-0,210	0,305
CHR1	12774699	CHR1:12774699	SSF x Far_LoA	-10,4062047	0,008	0,310
CHR1	12774700	CHR1:12774700	SSF x Far_LoA	-9,93569893	0,031	0,319
CHR1	12776429	CHR1:12776429	SSF x Far_LoA	-10,7414269	-0,031	0,301
CHR1	12776432	CHR1:12776432	SSF x Far_LoA	-8,98915336	-0,018	0,313
CHR1	12776496	CHR1:12776496	SSF x Far_LoA	-9,3136051	0,037	0,311
CHR1	12776637	CHR1:12776637	SSF x Far_LoA	-8,64143648	-0,043	0,301
CHR1	12783825	CHR1:12783825	SSF x Far_LoA	-8,50374071	0,098	0,307
CHR1	12783842	CHR1:12783842	SSF x Far_LoA	-9,24880301	0,063	0,300
CHR1	12784015	CHR1:12784015	SSF x Far_LoA	-10,5949151	0,062	0,308
CHR1	12791161	CHR1:12791161	SSF x Far_LoA	-9,63529302	0,096	0,300
CHR1	12791313	CHR1:12791313	SSF x Far_LoA	-11,7832017	0,102	0,305
CHR1	12791336	CHR1:12791336	SSF x Far_LoA	-8,79452269	0,102	0,304
CHR1	1279503	CHR1:1279503	SSF x Far_LoA	-8,17525148	-0,017	0,298
CHR1	1279547	CHR1:1279547	SSF x Far_LoA	-9,54005961	-0,045	0,280
CHR1	1279557	CHR1:1279557	SSF x Far_LoA	-8,1070729	0,109	0,302
CHR1	12796175	CHR1:12796175	SSF x Far_LoA	-9,23687705	0,029	0,305
CHR1	12796203	CHR1:12796203	SSF x Far_LoA	-8,30578845	0,022	0,309
CHR1	12796211	CHR1:12796211	SSF x Far_LoA	-10,24281	-0,037	0,295
CHR1	12796239	CHR1:12796239	SSF x Far_LoA	-7,63837629	-0,005	0,294
CHR1	12796568	CHR1:12796568	SSF x Far_LoA	-7,56954157	0,051	0,310
CHR1	12796575	CHR1:12796575	SSF x Far_LoA	-9,90400736	0,023	0,308
CHR1	12796577	CHR1:12796577	SSF x Far_LoA	-8,27843463	-0,022	0,312
CHR1	12796622	CHR1:12796622	SSF x Far_LoA	-8,68163878	0,018	0,311
CHR1	12807736	CHR1:12807736	SSF x Far_LoA	-9,09796603	0,118	0,286
CHR1	12807794	CHR1:12807794	SSF x Far_LoA	-10,7846666	-0,007	0,303
CHR1	12808922	CHR1:12808922	SSF x Far_LoA	-10,6176447	-0,112	0,305
CHR1	12808929	CHR1:12808929	SSF x Far_LoA	-6,35117036	0,013	0,316
CHR1	12809014	CHR1:12809014	SSF x Far_LoA	-11,4374862	-0,021	0,314
CHR1	12814710	CHR1:12814710	SSF x Far_LoA	-9,61587495	0,023	0,306
CHR1	12814737	CHR1:12814737	SSF x Far_LoA	-11,9344124	-0,035	0,305
CHR1	12814744	CHR1:12814744	SSF x Far_LoA	-9,89567546	0,066	0,305
CHR1	12814770	CHR1:12814770	SSF x Far_LoA	-3,03177265	0,050	0,300
CHR1	12814795	CHR1:12814795	SSF x Far_LoA	-9,40115356	-0,026	0,305
CHR1	12814809	CHR1:12814809	SSF x Far_LoA	-8,74650941	0,138	0,296
CHR1	12814818	CHR1:12814818	SSF x Far_LoA	-9,17677202	0,140	0,298
CHR1	12816728	CHR1:12816728	SSF x Far_LoA	-9,98273071	-0,072	0,309
CHR1	12824592	CHR1:12824592	SSF x Far_LoA	13,0407229	-0,057	0,315
CHR1	12824610	CHR1:12824610	SSF x Far_LoA	-8,79145578	0,016	0,317
CHR1	12824697	CHR1:12824697	SSF x Far_LoA	-9,76036039	-0,163	0,312
CHR1	12824699	CHR1:12824699	SSF x Far_LoA	-4,31522333	-0,053	0,328
CHR1	12824736	CHR1:12824736	SSF x Far_LoA	-10,8626243	0,037	0,303
CHR1	12824755	CHR1:12824755	SSF x Far_LoA	-10,8049542	-0,054	0,304
CHR1	12824763	CHR1:12824763	SSF x Far_LoA	-8,46375932	-0,081	0,317
CHR1	12832329	CHR1:12832329	SSF x Far_LoA	-7,64963939	0,031	0,314
CHR1	1285163	CHR1:1285163	SSF x Far_LoA	-7,93932997	0,097	0,301
CHR1	1285243	CHR1:1285243	SSF x Far_LoA	-10,8197641	0,052	0,293
CHR1	12898574	CHR1:12898574	SSF x Far_LoA	-6,73668509	-0,043	0,314
CHR1	12898600	CHR1:12898600	SSF x Far_LoA	-11,5560602	0,005	0,313
CHR1	12898660	CHR1:12898660	SSF x Far_LoA	-11,1210584	0,008	0,310

CHR1	12899045	CHR1:12899045	SSF x Far_LoA	-11,5515452	0,014	0,313
CHR1	12914557	CHR1:12914557	SSF x Far_LoA	-10,5247607	0,091	0,302
CHR1	12914572	CHR1:12914572	SSF x Far_LoA	-10,3085893	-0,033	0,313
CHR1	12915516	CHR1:12915516	SSF x Far_LoA	-8,05809173	0,036	0,300
CHR1	12915570	CHR1:12915570	SSF x Far_LoA	-9,7568105	0,045	0,296
CHR1	12921357	CHR1:12921357	SSF x Far_LoA	-8,51571313	-0,129	0,307
CHR1	12921473	CHR1:12921473	SSF x Far_LoA	-6,98572153	0,188	0,284
CHR1	12927259	CHR1:12927259	SSF x Far_LoA	-10,3368332	0,073	0,308
CHR1	12927301	CHR1:12927301	SSF x Far_LoA	2,61001281	0,073	0,310
CHR1	12927387	CHR1:12927387	SSF x Far_LoA	-8,99352352	-0,040	0,314
CHR1	12927415	CHR1:12927415	SSF x Far_LoA	-5,32895844	0,245	0,279
CHR1	12927477	CHR1:12927477	SSF x Far_LoA	-9,29250303	-0,117	0,316
CHR1	12937902	CHR1:12937902	SSF x Far_LoA	-2,9790175	0,135	0,299
CHR1	12939563	CHR1:12939563	SSF x Far_LoA	-8,8104508	-0,071	0,317
CHR1	12939768	CHR1:12939768	SSF x Far_LoA	-9,86883063	0,079	0,280
CHR1	1294182	CHR1:1294182	SSF x Far_LoA	-7,44537583	0,012	0,311
CHR1	1294190	CHR1:1294190	SSF x Far_LoA	-8,1743494	0,002	0,313
CHR1	1294307	CHR1:1294307	SSF x Far_LoA	-10,5320313	-0,035	0,319
CHR1	1294321	CHR1:1294321	SSF x Far_LoA	-10,6408791	0,024	0,318
CHR1	12943494	CHR1:12943494	SSF x Far_LoA	-9,88476039	-0,084	0,300
CHR1	1294356	CHR1:1294356	SSF x Far_LoA	-8,27981431	0,017	0,311
CHR1	1294376	CHR1:1294376	SSF x Far_LoA	-7,13831536	-0,052	0,298
CHR1	1294382	CHR1:1294382	SSF x Far_LoA	-9,4894893	-0,060	0,316
CHR1	12950423	CHR1:12950423	SSF x Far_LoA	-7,46294435	-0,003	0,298
CHR1	12950449	CHR1:12950449	SSF x Far_LoA	-8,42325055	0,149	0,296
CHR1	12950453	CHR1:12950453	SSF x Far_LoA	-7,81923187	-0,105	0,304
CHR1	12950467	CHR1:12950467	SSF x Far_LoA	-7,44440191	-0,090	0,294
CHR1	12950589	CHR1:12950589	SSF x Far_LoA	-11,5455789	-0,048	0,292
CHR1	12950592	CHR1:12950592	SSF x Far_LoA	-6,31784655	-0,148	0,290
CHR1	12950619	CHR1:12950619	SSF x Far_LoA	-4,33897521	0,101	0,302
CHR1	12950638	CHR1:12950638	SSF x Far_LoA	-10,5508004	-0,007	0,302
CHR1	12950639	CHR1:12950639	SSF x Far_LoA	-11,3450122	-0,030	0,301
CHR1	12950660	CHR1:12950660	SSF x Far_LoA	-8,83569443	-0,017	0,302
CHR1	12950699	CHR1:12950699	SSF x Far_LoA	-8,87930832	0,053	0,292
CHR1	12950704	CHR1:12950704	SSF x Far_LoA	-10,6103809	-0,080	0,297
CHR1	12950719	CHR1:12950719	SSF x Far_LoA	-8,55711162	-0,054	0,312
CHR1	12955365	CHR1:12955365	SSF x Far_LoA	-10,2699374	-0,018	0,310
CHR1	12955420	CHR1:12955420	SSF x Far_LoA	-11,1551293	0,087	0,301
CHR1	12955520	CHR1:12955520	SSF x Far_LoA	-11,845086	-0,019	0,307
CHR1	12957427	CHR1:12957427	SSF x Far_LoA	-9,25655992	-0,150	0,300
CHR1	12957432	CHR1:12957432	SSF x Far_LoA	-12,381202	-0,042	0,306
CHR1	12957437	CHR1:12957437	SSF x Far_LoA	-9,47129554	0,035	0,305
CHR1	12957438	CHR1:12957438	SSF x Far_LoA	-9,56886132	-0,083	0,320
CHR1	12957443	CHR1:12957443	SSF x Far_LoA	-8,06369905	-0,098	0,318
CHR1	12957471	CHR1:12957471	SSF x Far_LoA	-9,52202966	0,033	0,303
CHR1	12957484	CHR1:12957484	SSF x Far_LoA	-7,44722693	-0,140	0,303
CHR1	12957486	CHR1:12957486	SSF x Far_LoA	-7,96560609	0,061	0,296
CHR1	12957492	CHR1:12957492	SSF x Far_LoA	-9,18017792	0,032	0,314
CHR1	12957530	CHR1:12957530	SSF x Far_LoA	-10,2889154	0,056	0,306
CHR1	12957553	CHR1:12957553	SSF x Far_LoA	-9,87221031	0,088	0,303
CHR1	12957555	CHR1:12957555	SSF x Far_LoA	-8,21054376	0,012	0,316
CHR1	12957592	CHR1:12957592	SSF x Far_LoA	-8,27844696	-0,007	0,308
CHR1	12957612	CHR1:12957612	SSF x Far_LoA	-7,68914259	0,060	0,312

CHR1	12957684	CHR1:12957684	SSF x Far_LoA	-7,94396587	0,097	0,300
CHR1	12960621	CHR1:12960621	SSF x Far_LoA	-10,0206235	0,031	0,302
CHR1	12963259	CHR1:12963259	SSF x Far_LoA	-9,67189473	0,076	0,313
CHR1	12963565	CHR1:12963565	SSF x Far_LoA	-11,3881383	-0,037	0,306
CHR1	12963631	CHR1:12963631	SSF x Far_LoA	-10,6104568	0,099	0,286
CHR1	1296624	CHR1:1296624	SSF x Far_LoA	-5,52890489	0,133	0,306
CHR1	1296625	CHR1:1296625	SSF x Far_LoA	-11,8399412	-0,050	0,301
CHR1	12972615	CHR1:12972615	SSF x Far_LoA	-10,1113583	0,020	0,299
CHR1	12972669	CHR1:12972669	SSF x Far_LoA	-10,886501	-0,070	0,303
CHR1	12972700	CHR1:12972700	SSF x Far_LoA	-7,56194196	0,084	0,306
CHR1	12973692	CHR1:12973692	SSF x Far_LoA	-9,73041522	0,091	0,300
CHR1	12973707	CHR1:12973707	SSF x Far_LoA	-11,1477392	-0,061	0,303
CHR1	12973731	CHR1:12973731	SSF x Far_LoA	-8,90823453	0,058	0,319
CHR1	12973772	CHR1:12973772	SSF x Far_LoA	-6,83270636	0,079	0,318
CHR1	12988081	CHR1:12988081	SSF x Far_LoA	-9,38911145	0,025	0,308
CHR1	12998156	CHR1:12998156	SSF x Far_LoA	-10,6738415	-0,074	0,308
CHR1	12998248	CHR1:12998248	SSF x Far_LoA	-8,45343417	0,056	0,316
CHR1	12998261	CHR1:12998261	SSF x Far_LoA	-8,61505324	-0,013	0,323
CHR1	13012332	CHR1:13012332	SSF x Far_LoA	-11,4037065	-0,015	0,308
CHR1	13012443	CHR1:13012443	SSF x Far_LoA	-4,06735337	0,103	0,330
CHR1	13012505	CHR1:13012505	SSF x Far_LoA	-7,31281283	-0,059	0,314
CHR1	13012533	CHR1:13012533	SSF x Far_LoA	-6,46276455	0,119	0,299
CHR1	13012551	CHR1:13012551	SSF x Far_LoA	-7,29474789	-0,114	0,312
CHR1	13025286	CHR1:13025286	SSF x Far_LoA	-9,68404588	0,040	0,297
CHR1	13025515	CHR1:13025515	SSF x Far_LoA	-11,6541403	0,006	0,315
CHR1	13031154	CHR1:13031154	SSF x Far_LoA	-7,78341434	-0,111	0,311
CHR1	13042879	CHR1:13042879	SSF x Far_LoA	-9,6255965	-0,036	0,336
CHR1	13042894	CHR1:13042894	SSF x Far_LoA	-7,8403801	-0,100	0,312
CHR1	13042897	CHR1:13042897	SSF x Far_LoA	-9,07261062	-0,089	0,301
CHR1	13043120	CHR1:13043120	SSF x Far_LoA	-9,32848262	0,102	0,315
CHR1	13049073	CHR1:13049073	SSF x Far_LoA	-7,44949608	0,157	0,295
CHR1	13049243	CHR1:13049243	SSF x Far_LoA	-9,28840213	-0,103	0,306
CHR1	13049262	CHR1:13049262	SSF x Far_LoA	-8,48806958	-0,072	0,315
CHR1	13049264	CHR1:13049264	SSF x Far_LoA	-8,45629385	-0,068	0,312
CHR1	13049265	CHR1:13049265	SSF x Far_LoA	-9,73371209	0,084	0,288
CHR1	13060543	CHR1:13060543	SSF x Far_LoA	-9,31142094	-0,086	0,308
CHR1	13060748	CHR1:13060748	SSF x Far_LoA	-10,2912214	-0,079	0,312
CHR1	13060761	CHR1:13060761	SSF x Far_LoA	-8,01841168	0,042	0,314
CHR1	13060789	CHR1:13060789	SSF x Far_LoA	-10,8313595	0,035	0,302
CHR1	13060816	CHR1:13060816	SSF x Far_LoA	-9,49047031	0,000	0,310
CHR1	13068879	CHR1:13068879	SSF x Far_LoA	-6,85144493	0,099	0,295
CHR1	13074350	CHR1:13074350	SSF x Far_LoA	-8,90444887	0,036	0,301
CHR1	13074449	CHR1:13074449	SSF x Far_LoA	-10,4506361	-0,068	0,314
CHR1	13074631	CHR1:13074631	SSF x Far_LoA	-10,9551389	0,032	0,303
CHR1	13074633	CHR1:13074633	SSF x Far_LoA	-10,1113239	0,032	0,313
CHR1	13081365	CHR1:13081365	SSF x Far_LoA	-7,15971563	-0,138	0,290
CHR1	13082064	CHR1:13082064	SSF x Far_LoA	-7,13802794	0,061	0,292
CHR1	13087991	CHR1:13087991	SSF x Far_LoA	-11,2795344	0,012	0,309
CHR1	13111356	CHR1:13111356	SSF x Far_LoA	-9,90004023	0,065	0,296
CHR1	13125428	CHR1:13125428	SSF x Far_LoA	-9,4677646	0,073	0,315
CHR1	13125536	CHR1:13125536	SSF x Far_LoA	-8,56969244	0,069	0,304
CHR1	13129996	CHR1:13129996	SSF x Far_LoA	-9,96867618	0,133	0,299
CHR1	13131987	CHR1:13131987	SSF x Far_LoA	-8,21329374	-0,042	0,302

CHR1	13133873	CHR1:13133873	SSF x Far_LoA	-5,93194161	0,016	0,310
CHR1	13133874	CHR1:13133874	SSF x Far_LoA	-9,66544086	-0,005	0,319
CHR1	13133875	CHR1:13133875	SSF x Far_LoA	-10,5434187	0,039	0,306
CHR1	13133918	CHR1:13133918	SSF x Far_LoA	-10,6386179	0,013	0,297
CHR1	1313521	CHR1:1313521	SSF x Far_LoA	-8,6486368	-0,031	0,299
CHR1	13138646	CHR1:13138646	SSF x Far_LoA	-11,467983	-0,025	0,297
CHR1	13138777	CHR1:13138777	SSF x Far_LoA	-8,81143707	0,124	0,300
CHR1	13139798	CHR1:13139798	SSF x Far_LoA	-9,78214947	0,068	0,309
CHR1	13139835	CHR1:13139835	SSF x Far_LoA	-6,42911682	0,145	0,313
CHR1	13141654	CHR1:13141654	SSF x Far_LoA	-8,15563744	0,057	0,310
CHR1	1317283	CHR1:1317283	SSF x Far_LoA	-11,8149718	0,032	0,300
CHR1	1317774	CHR1:1317774	SSF x Far_LoA	-10,2368558	0,112	0,299
CHR1	13192855	CHR1:13192855	SSF x Far_LoA	-8,21937444	0,062	0,308
CHR1	13192927	CHR1:13192927	SSF x Far_LoA	-10,0117291	-0,008	0,304
CHR1	13199269	CHR1:13199269	SSF x Far_LoA	-10,4332424	-0,046	0,290
CHR1	13199340	CHR1:13199340	SSF x Far_LoA	-8,82263802	-0,024	0,296
CHR1	13229082	CHR1:13229082	SSF x Far_LoA	-11,2322741	-0,024	0,304
CHR1	13229320	CHR1:13229320	SSF x Far_LoA	-8,75364635	0,056	0,310
CHR1	13229324	CHR1:13229324	SSF x Far_LoA	-5,56292869	0,080	0,307
CHR1	13235059	CHR1:13235059	SSF x Far_LoA	-9,46690899	0,046	0,311
CHR1	13235143	CHR1:13235143	SSF x Far_LoA	-8,0229195	-0,130	0,308
CHR1	13253	CHR1:13253	SSF x Far_LoA	-7,60587124	0,086	0,297
CHR1	13257930	CHR1:13257930	SSF x Far_LoA	-11,4464132	-0,048	0,309
CHR1	13257938	CHR1:13257938	SSF x Far_LoA	-11,2399183	-0,030	0,299
CHR1	13262690	CHR1:13262690	SSF x Far_LoA	-8,99711392	-0,063	0,287
CHR1	13262695	CHR1:13262695	SSF x Far_LoA	-10,4746194	-0,041	0,305
CHR1	13262702	CHR1:13262702	SSF x Far_LoA	-9,18552049	0,002	0,303
CHR1	13262772	CHR1:13262772	SSF x Far_LoA	-9,55971247	0,099	0,289
CHR1	13262795	CHR1:13262795	SSF x Far_LoA	-10,3520136	-0,010	0,294
CHR1	13262799	CHR1:13262799	SSF x Far_LoA	-6,79286524	0,105	0,300
CHR1	13262824	CHR1:13262824	SSF x Far_LoA	-7,4860413	-0,114	0,300
CHR1	13262856	CHR1:13262856	SSF x Far_LoA	-8,19934053	0,124	0,289
CHR1	13262878	CHR1:13262878	SSF x Far_LoA	-9,10164076	-0,161	0,285
CHR1	13262886	CHR1:13262886	SSF x Far_LoA	-7,73318116	0,023	0,312
CHR1	13276541	CHR1:13276541	SSF x Far_LoA	-5,88226783	-0,156	0,303
CHR1	13276556	CHR1:13276556	SSF x Far_LoA	-7,69602319	-0,178	0,290
CHR1	13276598	CHR1:13276598	SSF x Far_LoA	0,22608961	-0,150	0,308
CHR1	13276813	CHR1:13276813	SSF x Far_LoA	-8,40675673	0,006	0,301
CHR1	13291719	CHR1:13291719	SSF x Far_LoA	-11,1079295	0,025	0,308
CHR1	13291825	CHR1:13291825	SSF x Far_LoA	-8,94437985	-0,105	0,309
CHR1	13291857	CHR1:13291857	SSF x Far_LoA	-7,55009111	-0,061	0,302
CHR1	1329942	CHR1:1329942	SSF x Far_LoA	-8,10075293	0,153	0,292
CHR1	1329970	CHR1:1329970	SSF x Far_LoA	-5,48720478	0,093	0,298
CHR1	1330026	CHR1:1330026	SSF x Far_LoA	-7,93235695	-0,154	0,298
CHR1	1330179	CHR1:1330179	SSF x Far_LoA	-10,3566875	-0,003	0,317
CHR1	1332140	CHR1:1332140	SSF x Far_LoA	-8,88446422	0,032	0,316
CHR1	13324486	CHR1:13324486	SSF x Far_LoA	-10,9188349	0,049	0,314
CHR1	13343843	CHR1:13343843	SSF x Far_LoA	-9,7567753	-0,014	0,323
CHR1	13343915	CHR1:13343915	SSF x Far_LoA	-8,82146632	-0,044	0,308
CHR1	13343986	CHR1:13343986	SSF x Far_LoA	-9,75343032	-0,013	0,309
CHR1	13348108	CHR1:13348108	SSF x Far_LoA	-11,3193629	0,048	0,305
CHR1	13348151	CHR1:13348151	SSF x Far_LoA	-10,2783552	-0,088	0,306
CHR1	13348216	CHR1:13348216	SSF x Far_LoA	-8,53531639	0,054	0,309

CHR1	13353255	CHR1:13353255	SSF x Far_LoA	-9,89776558	-0,126	0,314
CHR1	13353501	CHR1:13353501	SSF x Far_LoA	-9,58739579	-0,062	0,300
CHR1	13353502	CHR1:13353502	SSF x Far_LoA	-9,1371226	-0,056	0,311
CHR1	13360	CHR1:13360	SSF x Far_LoA	-8,23118144	-0,039	0,323
CHR1	13373333	CHR1:13373333	SSF x Far_LoA	-11,9725348	0,003	0,291
CHR1	13373353	CHR1:13373353	SSF x Far_LoA	-11,5602042	0,034	0,291
CHR1	13373367	CHR1:13373367	SSF x Far_LoA	-9,28226338	-0,006	0,304
CHR1	13373416	CHR1:13373416	SSF x Far_LoA	-9,43707989	0,131	0,313
CHR1	13377821	CHR1:13377821	SSF x Far_LoA	-7,04870962	0,118	0,298
CHR1	13377973	CHR1:13377973	SSF x Far_LoA	-11,1237651	0,012	0,310
CHR1	13379896	CHR1:13379896	SSF x Far_LoA	-8,76272036	-0,140	0,302
CHR1	13379903	CHR1:13379903	SSF x Far_LoA	-8,30417372	-0,003	0,322
CHR1	13379909	CHR1:13379909	SSF x Far_LoA	-10,4164917	0,015	0,304
CHR1	13379923	CHR1:13379923	SSF x Far_LoA	-10,4465035	0,053	0,304
CHR1	13380021	CHR1:13380021	SSF x Far_LoA	-8,43805847	-0,016	0,316
CHR1	13380027	CHR1:13380027	SSF x Far_LoA	-9,63939012	0,022	0,302
CHR1	13380030	CHR1:13380030	SSF x Far_LoA	-8,87509435	-0,114	0,304
CHR1	13380039	CHR1:13380039	SSF x Far_LoA	-7,22866576	0,005	0,306
CHR1	13380055	CHR1:13380055	SSF x Far_LoA	-9,40151245	0,040	0,308
CHR1	13380106	CHR1:13380106	SSF x Far_LoA	-9,97695146	-0,067	0,300
CHR1	13380137	CHR1:13380137	SSF x Far_LoA	-9,87051562	0,022	0,323
CHR1	13383908	CHR1:13383908	SSF x Far_LoA	-9,8920017	-0,030	0,310
CHR1	13384164	CHR1:13384164	SSF x Far_LoA	-8,71353547	0,076	0,311
CHR1	13384222	CHR1:13384222	SSF x Far_LoA	-8,46400235	-0,026	0,303
CHR1	13384291	CHR1:13384291	SSF x Far_LoA	-6,86099242	-0,042	0,308
CHR1	13391154	CHR1:13391154	SSF x Far_LoA	-7,84631195	-0,132	0,295
CHR1	13391173	CHR1:13391173	SSF x Far_LoA	-8,19638125	-0,123	0,304
CHR1	13391241	CHR1:13391241	SSF x Far_LoA	-8,56914515	0,117	0,298
CHR1	13391249	CHR1:13391249	SSF x Far_LoA	-10,5991415	-0,045	0,305
CHR1	13391273	CHR1:13391273	SSF x Far_LoA	-7,50970548	0,125	0,302
CHR1	13394668	CHR1:13394668	SSF x Far_LoA	-7,16408342	0,018	0,310
CHR1	13394687	CHR1:13394687	SSF x Far_LoA	-8,20272468	0,077	0,314
CHR1	13400472	CHR1:13400472	SSF x Far_LoA	-9,37899216	-0,034	0,307
CHR1	13400521	CHR1:13400521	SSF x Far_LoA	-9,62482459	0,035	0,300
CHR1	13400554	CHR1:13400554	SSF x Far_LoA	-10,3769661	0,007	0,312
CHR1	13400565	CHR1:13400565	SSF x Far_LoA	-5,98374023	-0,030	0,307
CHR1	13401828	CHR1:13401828	SSF x Far_LoA	-10,0939628	0,010	0,308
CHR1	13406612	CHR1:13406612	SSF x Far_LoA	-7,72729953	-0,023	0,314
CHR1	13424137	CHR1:13424137	SSF x Far_LoA	-9,29751644	-0,136	0,302
CHR1	13424153	CHR1:13424153	SSF x Far_LoA	-8,47097313	-0,101	0,307
CHR1	13424180	CHR1:13424180	SSF x Far_LoA	-9,21809729	0,084	0,301
CHR1	13424233	CHR1:13424233	SSF x Far_LoA	-9,46783595	0,016	0,320
CHR1	13424285	CHR1:13424285	SSF x Far_LoA	-8,08230402	0,112	0,303
CHR1	13424293	CHR1:13424293	SSF x Far_LoA	-9,22040613	-0,053	0,316
CHR1	13424317	CHR1:13424317	SSF x Far_LoA	-10,3670204	0,027	0,295
CHR1	13424344	CHR1:13424344	SSF x Far_LoA	-8,87756808	-0,099	0,311
CHR1	13433790	CHR1:13433790	SSF x Far_LoA	-11,2993258	0,003	0,306
CHR1	13433793	CHR1:13433793	SSF x Far_LoA	-11,6876259	-0,020	0,306
CHR1	13433801	CHR1:13433801	SSF x Far_LoA	-9,79437978	0,020	0,306
CHR1	13433833	CHR1:13433833	SSF x Far_LoA	-5,69165391	0,013	0,307
CHR1	134419	CHR1:134419	SSF x Far_LoA	-8,70854365	-0,102	0,306
CHR1	13444909	CHR1:13444909	SSF x Far_LoA	-2,00798828	-0,055	0,303
CHR1	13444934	CHR1:13444934	SSF x Far_LoA	-10,7523848	0,040	0,319

CHR1	13445016	CHR1:13445016	SSF x Far_LoA	-9,60460111	-0,045	0,322
CHR1	13445048	CHR1:13445048	SSF x Far_LoA	-4,64757693	0,000	0,308
CHR1	13445054	CHR1:13445054	SSF x Far_LoA	-11,0917371	-0,067	0,315
CHR1	13445129	CHR1:13445129	SSF x Far_LoA	-10,8595142	0,023	0,307
CHR1	13449591	CHR1:13449591	SSF x Far_LoA	-7,77842508	0,107	0,304
CHR1	13462878	CHR1:13462878	SSF x Far_LoA	-6,01816318	0,147	0,285
CHR1	13462917	CHR1:13462917	SSF x Far_LoA	-9,84738116	0,003	0,303
CHR1	13475218	CHR1:13475218	SSF x Far_LoA	-8,37859473	0,026	0,315
CHR1	13475221	CHR1:13475221	SSF x Far_LoA	-8,18789925	0,066	0,319
CHR1	13475249	CHR1:13475249	SSF x Far_LoA	-5,37252454	0,095	0,318
CHR1	13475277	CHR1:13475277	SSF x Far_LoA	-7,00971349	0,068	0,303
CHR1	13475283	CHR1:13475283	SSF x Far_LoA	-6,86121942	0,075	0,301
CHR1	13475284	CHR1:13475284	SSF x Far_LoA	-5,45219045	0,104	0,315
CHR1	13475386	CHR1:13475386	SSF x Far_LoA	-10,0125568	-0,006	0,300
CHR1	13477883	CHR1:13477883	SSF x Far_LoA	-12,4371731	0,004	0,296
CHR1	13477894	CHR1:13477894	SSF x Far_LoA	-9,19843741	-0,104	0,316
CHR1	13478010	CHR1:13478010	SSF x Far_LoA	-11,5406257	-0,021	0,307
CHR1	13478029	CHR1:13478029	SSF x Far_LoA	-10,0729521	-0,043	0,316
CHR1	1348123	CHR1:1348123	SSF x Far_LoA	-10,4519594	0,097	0,309
CHR1	1348301	CHR1:1348301	SSF x Far_LoA	-7,81521695	0,115	0,302
CHR1	13498038	CHR1:13498038	SSF x Far_LoA	-9,80591906	-0,012	0,307
CHR1	13498049	CHR1:13498049	SSF x Far_LoA	-9,88645718	0,053	0,298
CHR1	13498382	CHR1:13498382	SSF x Far_LoA	-11,3299452	-0,097	0,302
CHR1	13498418	CHR1:13498418	SSF x Far_LoA	-9,01702064	-0,059	0,301
CHR1	13504565	CHR1:13504565	SSF x Far_LoA	-10,3742522	-0,031	0,312
CHR1	13504644	CHR1:13504644	SSF x Far_LoA	-10,4081632	0,049	0,303
CHR1	13504653	CHR1:13504653	SSF x Far_LoA	-10,5496052	0,079	0,297
CHR1	13504657	CHR1:13504657	SSF x Far_LoA	-8,81654546	-0,015	0,310
CHR1	13516604	CHR1:13516604	SSF x Far_LoA	-9,88976343	0,098	0,300
CHR1	13516680	CHR1:13516680	SSF x Far_LoA	-6,17806548	-0,097	0,321
CHR1	13516684	CHR1:13516684	SSF x Far_LoA	-8,78189943	-0,102	0,304
CHR1	13516698	CHR1:13516698	SSF x Far_LoA	-10,8426974	0,054	0,301
CHR1	13516815	CHR1:13516815	SSF x Far_LoA	-7,47053006	-0,115	0,306
CHR1	13516825	CHR1:13516825	SSF x Far_LoA	-3,24941501	0,035	0,297
CHR1	13519274	CHR1:13519274	SSF x Far_LoA	-8,25992192	-0,164	0,308
CHR1	13519355	CHR1:13519355	SSF x Far_LoA	-11,2997036	-0,013	0,297
CHR1	13519413	CHR1:13519413	SSF x Far_LoA	-6,10449038	-0,164	0,304
CHR1	13530735	CHR1:13530735	SSF x Far_LoA	-11,820442	0,045	0,310
CHR1	13530765	CHR1:13530765	SSF x Far_LoA	-8,82372655	0,043	0,302
CHR1	13530794	CHR1:13530794	SSF x Far_LoA	-10,9883859	-0,047	0,290
CHR1	13531225	CHR1:13531225	SSF x Far_LoA	-9,54258124	-0,024	0,315
CHR1	1353172	CHR1:1353172	SSF x Far_LoA	-8,10397784	-0,057	0,306
CHR1	13537504	CHR1:13537504	SSF x Far_LoA	-7,19653202	0,009	0,303
CHR1	13537511	CHR1:13537511	SSF x Far_LoA	-11,302233	0,017	0,310
CHR1	13537547	CHR1:13537547	SSF x Far_LoA	-9,28936272	0,004	0,298
CHR1	13537559	CHR1:13537559	SSF x Far_LoA	-10,3096759	-0,128	0,311
CHR1	13537659	CHR1:13537659	SSF x Far_LoA	-9,3587	0,008	0,300
CHR1	13537743	CHR1:13537743	SSF x Far_LoA	-7,79155069	-0,087	0,309
CHR1	13541432	CHR1:13541432	SSF x Far_LoA	-10,3870871	0,163	0,279
CHR1	13541480	CHR1:13541480	SSF x Far_LoA	-11,7544991	0,047	0,300
CHR1	13541481	CHR1:13541481	SSF x Far_LoA	-5,73262657	0,042	0,319
CHR1	13543728	CHR1:13543728	SSF x Far_LoA	-6,44340002	-0,117	0,317
CHR1	13543732	CHR1:13543732	SSF x Far_LoA	-8,96189411	-0,157	0,297

CHR1	13543771	CHR1:13543771	SSF x Far_LoA	-8,16475598	-0,198	0,292
CHR1	13543779	CHR1:13543779	SSF x Far_LoA	1,16489815	-0,184	0,302
CHR1	13543814	CHR1:13543814	SSF x Far_LoA	-5,98135683	-0,165	0,316
CHR1	1354572	CHR1:1354572	SSF x Far_LoA	-5,81394827	0,097	0,307
CHR1	13590773	CHR1:13590773	SSF x Far_LoA	-10,2210535	0,062	0,318
CHR1	13590794	CHR1:13590794	SSF x Far_LoA	-10,3513165	0,058	0,314
CHR1	13590834	CHR1:13590834	SSF x Far_LoA	-6,99339291	-0,121	0,315
CHR1	13595060	CHR1:13595060	SSF x Far_LoA	-10,2410482	-0,067	0,290
CHR1	13595085	CHR1:13595085	SSF x Far_LoA	-9,92664939	-0,065	0,312
CHR1	13595087	CHR1:13595087	SSF x Far_LoA	-10,3448385	-0,078	0,301
CHR1	13612339	CHR1:13612339	SSF x Far_LoA	-11,6270907	-0,029	0,307
CHR1	13612398	CHR1:13612398	SSF x Far_LoA	-7,69976936	0,103	0,328
CHR1	13612571	CHR1:13612571	SSF x Far_LoA	-10,2384033	0,096	0,301
CHR1	13612643	CHR1:13612643	SSF x Far_LoA	-8,00082279	0,163	0,301
CHR1	13612645	CHR1:13612645	SSF x Far_LoA	-11,4568027	-0,057	0,299
CHR1	13612654	CHR1:13612654	SSF x Far_LoA	-9,26006843	0,002	0,312
CHR1	13622840	CHR1:13622840	SSF x Far_LoA	-8,4528653	-0,029	0,304
CHR1	13622844	CHR1:13622844	SSF x Far_LoA	1,33910333	-0,171	0,307
CHR1	13627089	CHR1:13627089	SSF x Far_LoA	-9,9434773	0,019	0,304
CHR1	13627332	CHR1:13627332	SSF x Far_LoA	-8,9255901	0,076	0,309
CHR1	13627333	CHR1:13627333	SSF x Far_LoA	-8,83783293	0,052	0,318
CHR1	13629156	CHR1:13629156	SSF x Far_LoA	-9,65401318	0,061	0,315
CHR1	13629162	CHR1:13629162	SSF x Far_LoA	-8,62348906	0,019	0,309
CHR1	13641022	CHR1:13641022	SSF x Far_LoA	-10,8609903	-0,067	0,298
CHR1	13641045	CHR1:13641045	SSF x Far_LoA	-1,60176649	0,110	0,312
CHR1	13641053	CHR1:13641053	SSF x Far_LoA	-8,26014623	-0,062	0,308
CHR1	13641081	CHR1:13641081	SSF x Far_LoA	-11,2511383	0,041	0,309
CHR1	13641152	CHR1:13641152	SSF x Far_LoA	-9,48404251	0,034	0,317
CHR1	13641153	CHR1:13641153	SSF x Far_LoA	-9,68472023	0,004	0,311
CHR1	13641159	CHR1:13641159	SSF x Far_LoA	-10,4909595	0,150	0,303
CHR1	13641179	CHR1:13641179	SSF x Far_LoA	-9,23119921	-0,093	0,308
CHR1	13644802	CHR1:13644802	SSF x Far_LoA	-7,99726406	-0,131	0,306
CHR1	13644809	CHR1:13644809	SSF x Far_LoA	-9,58372638	-0,127	0,292
CHR1	13644825	CHR1:13644825	SSF x Far_LoA	-7,28096032	-0,020	0,313
CHR1	13644834	CHR1:13644834	SSF x Far_LoA	-7,76367419	-0,140	0,294
CHR1	13644848	CHR1:13644848	SSF x Far_LoA	-7,35415642	0,123	0,287
CHR1	13644853	CHR1:13644853	SSF x Far_LoA	-9,45707662	0,087	0,288
CHR1	13644905	CHR1:13644905	SSF x Far_LoA	-9,72828301	-0,005	0,298
CHR1	13644993	CHR1:13644993	SSF x Far_LoA	-5,86322719	0,145	0,304
CHR1	13646553	CHR1:13646553	SSF x Far_LoA	-7,70064392	0,107	0,305
CHR1	13646576	CHR1:13646576	SSF x Far_LoA	-8,21182448	0,050	0,305
CHR1	13646616	CHR1:13646616	SSF x Far_LoA	-9,63976026	-0,079	0,295
CHR1	13646619	CHR1:13646619	SSF x Far_LoA	-8,70370241	0,067	0,295
CHR1	13646646	CHR1:13646646	SSF x Far_LoA	-10,4851231	-0,109	0,294
CHR1	13653904	CHR1:13653904	SSF x Far_LoA	-9,77256434	-0,095	0,301
CHR1	13653963	CHR1:13653963	SSF x Far_LoA	-9,06051334	-0,181	0,290
CHR1	13654055	CHR1:13654055	SSF x Far_LoA	-5,84327438	0,127	0,298
CHR1	13654069	CHR1:13654069	SSF x Far_LoA	-8,41344311	0,195	0,294
CHR1	13657051	CHR1:13657051	SSF x Far_LoA	-3,03315417	-0,135	0,305
CHR1	13657127	CHR1:13657127	SSF x Far_LoA	-11,2117123	0,009	0,312
CHR1	13657418	CHR1:13657418	SSF x Far_LoA	-8,71430375	0,032	0,299
CHR1	13657471	CHR1:13657471	SSF x Far_LoA	-9,46397547	0,112	0,291
CHR1	13682750	CHR1:13682750	SSF x Far_LoA	-10,0865574	0,004	0,297

CHR1	13682809	CHR1:13682809	SSF x Far_LoA	-9,74765505	0,025	0,309
CHR1	13688936	CHR1:13688936	SSF x Far_LoA	-8,48925323	-0,082	0,315
CHR1	13688939	CHR1:13688939	SSF x Far_LoA	-3,79238823	-0,114	0,297
CHR1	13689000	CHR1:13689000	SSF x Far_LoA	-10,3490653	-0,032	0,309
CHR1	13689001	CHR1:13689001	SSF x Far_LoA	-8,55191886	-0,095	0,302
CHR1	13689011	CHR1:13689011	SSF x Far_LoA	-3,97302818	0,143	0,306
CHR1	13689015	CHR1:13689015	SSF x Far_LoA	-11,7310915	-0,036	0,305
CHR1	13689038	CHR1:13689038	SSF x Far_LoA	-9,06809097	0,043	0,314
CHR1	13689626	CHR1:13689626	SSF x Far_LoA	-8,93280941	-0,005	0,283
CHR1	13693287	CHR1:13693287	SSF x Far_LoA	-9,42292638	-0,022	0,297
CHR1	13693330	CHR1:13693330	SSF x Far_LoA	-10,1662299	-0,073	0,306
CHR1	13699978	CHR1:13699978	SSF x Far_LoA	-8,05693682	-0,025	0,300
CHR1	13699983	CHR1:13699983	SSF x Far_LoA	-6,97446241	-0,119	0,302
CHR1	13700007	CHR1:13700007	SSF x Far_LoA	-11,5657657	-0,055	0,307
CHR1	13700098	CHR1:13700098	SSF x Far_LoA	-10,0268996	-0,104	0,304
CHR1	13700226	CHR1:13700226	SSF x Far_LoA	-10,0811895	0,105	0,304
CHR1	13700231	CHR1:13700231	SSF x Far_LoA	-11,7380729	0,077	0,294
CHR1	13700266	CHR1:13700266	SSF x Far_LoA	-11,1960899	0,066	0,287
CHR1	13719090	CHR1:13719090	SSF x Far_LoA	-9,47627063	0,052	0,301
CHR1	13727818	CHR1:13727818	SSF x Far_LoA	-9,55406876	0,052	0,312
CHR1	13732946	CHR1:13732946	SSF x Far_LoA	-9,87448864	0,113	0,304
CHR1	13732953	CHR1:13732953	SSF x Far_LoA	-11,0366611	-0,089	0,299
CHR1	13732975	CHR1:13732975	SSF x Far_LoA	-9,48793935	-0,066	0,309
CHR1	13732989	CHR1:13732989	SSF x Far_LoA	-9,22280188	0,017	0,311
CHR1	13733086	CHR1:13733086	SSF x Far_LoA	-11,2096539	-0,060	0,309
CHR1	13733146	CHR1:13733146	SSF x Far_LoA	-8,86267239	0,044	0,302
CHR1	13735847	CHR1:13735847	SSF x Far_LoA	-9,59397511	-0,022	0,316
CHR1	13735976	CHR1:13735976	SSF x Far_LoA	-9,74159535	-0,004	0,300
CHR1	13736160	CHR1:13736160	SSF x Far_LoA	-10,3366014	-0,005	0,316
CHR1	13739249	CHR1:13739249	SSF x Far_LoA	-8,97954246	0,108	0,299
CHR1	13739457	CHR1:13739457	SSF x Far_LoA	0,4964681	-0,112	0,305
CHR1	13739494	CHR1:13739494	SSF x Far_LoA	-11,0015501	0,066	0,302
CHR1	13745020	CHR1:13745020	SSF x Far_LoA	-8,79539216	0,128	0,305
CHR1	13745227	CHR1:13745227	SSF x Far_LoA	-11,8775739	-0,006	0,299
CHR1	13757362	CHR1:13757362	SSF x Far_LoA	-10,2585067	-0,002	0,310
CHR1	13757534	CHR1:13757534	SSF x Far_LoA	-11,1079866	-0,062	0,300
CHR1	13757537	CHR1:13757537	SSF x Far_LoA	-10,8999869	-0,011	0,314
CHR1	13758596	CHR1:13758596	SSF x Far_LoA	-10,8100412	0,053	0,303
CHR1	13761048	CHR1:13761048	SSF x Far_LoA	-10,0356999	0,035	0,311
CHR1	13761089	CHR1:13761089	SSF x Far_LoA	-7,24832724	0,141	0,302
CHR1	13761112	CHR1:13761112	SSF x Far_LoA	-9,14696342	0,004	0,311
CHR1	13761114	CHR1:13761114	SSF x Far_LoA	-11,8641915	-0,005	0,299
CHR1	13761131	CHR1:13761131	SSF x Far_LoA	-9,41749272	0,079	0,303
CHR1	13761152	CHR1:13761152	SSF x Far_LoA	-11,2030583	0,047	0,306
CHR1	13761174	CHR1:13761174	SSF x Far_LoA	-10,8323003	0,052	0,299
CHR1	13761181	CHR1:13761181	SSF x Far_LoA	-8,72918293	-0,132	0,283
CHR1	13761197	CHR1:13761197	SSF x Far_LoA	-11,2452255	0,004	0,308
CHR1	13761221	CHR1:13761221	SSF x Far_LoA	-9,39770136	0,089	0,305
CHR1	13761260	CHR1:13761260	SSF x Far_LoA	-8,30050495	-0,011	0,305
CHR1	13761263	CHR1:13761263	SSF x Far_LoA	-9,21957018	0,049	0,312
CHR1	13761268	CHR1:13761268	SSF x Far_LoA	-9,62216243	0,105	0,312
CHR1	13767373	CHR1:13767373	SSF x Far_LoA	3,76698664	0,067	0,315
CHR1	13767534	CHR1:13767534	SSF x Far_LoA	-8,98465822	-0,083	0,310

CHR1	13769996	CHR1:13769996	SSF x Far_LoA	-7,53950309	0,033	0,314
CHR1	13770206	CHR1:13770206	SSF x Far_LoA	-11,8712839	0,016	0,297
CHR1	13770255	CHR1:13770255	SSF x Far_LoA	-9,38173175	-0,052	0,308
CHR1	13772475	CHR1:13772475	SSF x Far_LoA	-11,3875084	-0,016	0,310
CHR1	13772536	CHR1:13772536	SSF x Far_LoA	-7,4655961	-0,193	0,300
CHR1	13784749	CHR1:13784749	SSF x Far_LoA	-11,7021479	-0,058	0,305
CHR1	13784794	CHR1:13784794	SSF x Far_LoA	-10,294962	-0,039	0,316
CHR1	13784926	CHR1:13784926	SSF x Far_LoA	-10,3807642	-0,029	0,305
CHR1	13785002	CHR1:13785002	SSF x Far_LoA	-8,31276647	0,049	0,316
CHR1	13785035	CHR1:13785035	SSF x Far_LoA	-8,72127874	0,017	0,309
CHR1	13785054	CHR1:13785054	SSF x Far_LoA	-8,61426156	-0,066	0,319
CHR1	13785070	CHR1:13785070	SSF x Far_LoA	-9,88303459	-0,065	0,313
CHR1	13785072	CHR1:13785072	SSF x Far_LoA	-7,74806862	0,044	0,303
CHR1	1378896	CHR1:1378896	SSF x Far_LoA	-7,44331319	-0,140	0,296
CHR1	1378935	CHR1:1378935	SSF x Far_LoA	-8,80206168	-0,013	0,304
CHR1	13789571	CHR1:13789571	SSF x Far_LoA	-12,1428832	0,028	0,294
CHR1	13789804	CHR1:13789804	SSF x Far_LoA	-7,7618698	-0,094	0,306
CHR1	13789910	CHR1:13789910	SSF x Far_LoA	-5,51386674	0,227	0,288
CHR1	13789952	CHR1:13789952	SSF x Far_LoA	-9,42892044	-0,041	0,323
CHR1	13789955	CHR1:13789955	SSF x Far_LoA	-8,61104907	0,051	0,307
CHR1	13789956	CHR1:13789956	SSF x Far_LoA	-8,29604158	-0,055	0,321
CHR1	13789964	CHR1:13789964	SSF x Far_LoA	-7,58831533	0,049	0,326
CHR1	13789968	CHR1:13789968	SSF x Far_LoA	-6,43969549	-0,037	0,324
CHR1	13789972	CHR1:13789972	SSF x Far_LoA	-10,2504188	-0,069	0,309
CHR1	13794475	CHR1:13794475	SSF x Far_LoA	-9,0101767	0,070	0,299
CHR1	13794487	CHR1:13794487	SSF x Far_LoA	-9,02657503	-0,055	0,307
CHR1	13794569	CHR1:13794569	SSF x Far_LoA	-8,82306384	0,085	0,293
CHR1	1379729	CHR1:1379729	SSF x Far_LoA	-9,13520961	-0,068	0,301
CHR1	13800724	CHR1:13800724	SSF x Far_LoA	-9,92258731	0,023	0,312
CHR1	1380680	CHR1:1380680	SSF x Far_LoA	-4,78887373	0,144	0,287
CHR1	1380821	CHR1:1380821	SSF x Far_LoA	-10,9377632	0,004	0,304
CHR1	138145	CHR1:138145	SSF x Far_LoA	-5,99400471	-0,137	0,300
CHR1	138276	CHR1:138276	SSF x Far_LoA	-8,69994355	-0,099	0,297
CHR1	13834749	CHR1:13834749	SSF x Far_LoA	-9,52289192	-0,128	0,312
CHR1	13834765	CHR1:13834765	SSF x Far_LoA	-8,89994693	-0,167	0,299
CHR1	13834778	CHR1:13834778	SSF x Far_LoA	-8,37854732	-0,121	0,298
CHR1	13834801	CHR1:13834801	SSF x Far_LoA	-8,41265462	-0,107	0,306
CHR1	138386	CHR1:138386	SSF x Far_LoA	-9,37457068	-0,070	0,309
CHR1	13839473	CHR1:13839473	SSF x Far_LoA	-8,72636582	-0,021	0,312
CHR1	13839496	CHR1:13839496	SSF x Far_LoA	-1,92469221	0,040	0,308
CHR1	13839526	CHR1:13839526	SSF x Far_LoA	-11,4549167	-0,081	0,307
CHR1	13839543	CHR1:13839543	SSF x Far_LoA	-9,21703959	-0,067	0,309
CHR1	13839547	CHR1:13839547	SSF x Far_LoA	-9,83469885	-0,048	0,308
CHR1	13839589	CHR1:13839589	SSF x Far_LoA	-7,02349646	0,124	0,298
CHR1	13839637	CHR1:13839637	SSF x Far_LoA	-9,12144187	-0,084	0,306
CHR1	13839759	CHR1:13839759	SSF x Far_LoA	-11,493426	0,004	0,305
CHR1	138413	CHR1:138413	SSF x Far_LoA	-8,92914184	-0,099	0,301
CHR1	13861227	CHR1:13861227	SSF x Far_LoA	-6,95217304	0,193	0,292
CHR1	13861228	CHR1:13861228	SSF x Far_LoA	-6,10715846	-0,075	0,305
CHR1	13861231	CHR1:13861231	SSF x Far_LoA	-8,90329509	-0,024	0,320
CHR1	13861257	CHR1:13861257	SSF x Far_LoA	-9,67855751	-0,011	0,313
CHR1	13861338	CHR1:13861338	SSF x Far_LoA	-11,0807214	-0,038	0,308
CHR1	13861765	CHR1:13861765	SSF x Far_LoA	-9,83905986	0,025	0,297

CHR1	13861820	CHR1:13861820	SSF x Far_LoA	-9,5454436	-0,135	0,284
CHR1	13863064	CHR1:13863064	SSF x Far_LoA	-10,2732257	-0,014	0,309
CHR1	13863101	CHR1:13863101	SSF x Far_LoA	-10,7678467	-0,085	0,300
CHR1	13863117	CHR1:13863117	SSF x Far_LoA	-10,4580839	-0,020	0,318
CHR1	13863144	CHR1:13863144	SSF x Far_LoA	-7,82265766	-0,048	0,312
CHR1	13863145	CHR1:13863145	SSF x Far_LoA	-10,8205663	0,076	0,313
CHR1	13867187	CHR1:13867187	SSF x Far_LoA	-8,66603433	-0,117	0,304
CHR1	13867216	CHR1:13867216	SSF x Far_LoA	-4,91026063	0,097	0,305
CHR1	13867229	CHR1:13867229	SSF x Far_LoA	-6,08093756	0,103	0,295
CHR1	13867252	CHR1:13867252	SSF x Far_LoA	-9,07700806	-0,098	0,306
CHR1	13867309	CHR1:13867309	SSF x Far_LoA	-10,2921522	0,070	0,302
CHR1	13879946	CHR1:13879946	SSF x Far_LoA	-8,2744023	0,052	0,311
CHR1	13880042	CHR1:13880042	SSF x Far_LoA	-9,89672626	0,080	0,308
CHR1	13880053	CHR1:13880053	SSF x Far_LoA	-11,4758224	-0,024	0,312
CHR1	13880062	CHR1:13880062	SSF x Far_LoA	-9,23819671	-0,035	0,293
CHR1	13880125	CHR1:13880125	SSF x Far_LoA	-6,4595244	-0,147	0,299
CHR1	1388412	CHR1:1388412	SSF x Far_LoA	-7,71545798	-0,086	0,308
CHR1	1388573	CHR1:1388573	SSF x Far_LoA	-11,5370843	0,005	0,298
CHR1	13889527	CHR1:13889527	SSF x Far_LoA	-7,43844266	0,123	0,305
CHR1	13889692	CHR1:13889692	SSF x Far_LoA	-3,25714616	-0,103	0,321
CHR1	13898333	CHR1:13898333	SSF x Far_LoA	-10,2368314	-0,086	0,300
CHR1	13898377	CHR1:13898377	SSF x Far_LoA	-9,85880472	-0,132	0,308
CHR1	13898412	CHR1:13898412	SSF x Far_LoA	-10,2143063	-0,124	0,313
CHR1	13898416	CHR1:13898416	SSF x Far_LoA	-8,85298472	0,107	0,303
CHR1	13903043	CHR1:13903043	SSF x Far_LoA	-9,87825798	-0,104	0,296
CHR1	13903059	CHR1:13903059	SSF x Far_LoA	-9,08756346	-0,159	0,301
CHR1	13903219	CHR1:13903219	SSF x Far_LoA	-9,79886305	-0,095	0,318
CHR1	13903312	CHR1:13903312	SSF x Far_LoA	-9,71040035	-0,120	0,300
CHR1	13911067	CHR1:13911067	SSF x Far_LoA	-11,4358814	-0,065	0,312
CHR1	13911252	CHR1:13911252	SSF x Far_LoA	-10,3971715	-0,081	0,306
CHR1	13920528	CHR1:13920528	SSF x Far_LoA	-9,20316634	0,040	0,296
CHR1	13920539	CHR1:13920539	SSF x Far_LoA	-9,49455323	0,056	0,287
CHR1	13920541	CHR1:13920541	SSF x Far_LoA	-8,43964558	0,057	0,294
CHR1	13925250	CHR1:13925250	SSF x Far_LoA	-9,34219707	-0,144	0,294
CHR1	13927708	CHR1:13927708	SSF x Far_LoA	-10,9760954	-0,016	0,310
CHR1	1392989	CHR1:1392989	SSF x Far_LoA	-10,4998868	-0,008	0,302
CHR1	13935859	CHR1:13935859	SSF x Far_LoA	-8,37012756	0,064	0,313
CHR1	13935860	CHR1:13935860	SSF x Far_LoA	-10,8539706	0,006	0,305
CHR1	13935862	CHR1:13935862	SSF x Far_LoA	-8,119887	0,059	0,303
CHR1	13935875	CHR1:13935875	SSF x Far_LoA	-6,80196941	-0,108	0,308
CHR1	13935892	CHR1:13935892	SSF x Far_LoA	-7,03840837	-0,128	0,309
CHR1	13935929	CHR1:13935929	SSF x Far_LoA	-9,12446191	0,031	0,310
CHR1	13943575	CHR1:13943575	SSF x Far_LoA	-7,2900202	0,168	0,286
CHR1	13943644	CHR1:13943644	SSF x Far_LoA	-10,0735051	0,025	0,319
CHR1	13943695	CHR1:13943695	SSF x Far_LoA	-9,86973372	-0,013	0,305
CHR1	13947574	CHR1:13947574	SSF x Far_LoA	-7,69587457	-0,110	0,294
CHR1	13951302	CHR1:13951302	SSF x Far_LoA	-9,00969631	-0,021	0,309
CHR1	13960779	CHR1:13960779	SSF x Far_LoA	-8,60868457	-0,111	0,302
CHR1	13976328	CHR1:13976328	SSF x Far_LoA	-9,88688757	-0,106	0,305
CHR1	1397917	CHR1:1397917	SSF x Far_LoA	-11,9324509	0,024	0,310
CHR1	139810	CHR1:139810	SSF x Far_LoA	-8,1555619	0,117	0,292
CHR1	139827	CHR1:139827	SSF x Far_LoA	-9,26844734	0,107	0,288
CHR1	139830	CHR1:139830	SSF x Far_LoA	-9,51768726	0,093	0,294

CHR1	139836	CHR1:139836	SSF x Far_LoA	-8,4224893	0,127	0,299
CHR1	13984130	CHR1:13984130	SSF x Far_LoA	-10,8673403	-0,081	0,319
CHR1	139904	CHR1:139904	SSF x Far_LoA	-7,99977278	0,067	0,305
CHR1	14006174	CHR1:14006174	SSF x Far_LoA	-6,62243617	0,064	0,309
CHR1	1400636	CHR1:1400636	SSF x Far_LoA	-8,98825391	0,017	0,305
CHR1	14017330	CHR1:14017330	SSF x Far_LoA	-9,88072881	-0,134	0,300
CHR1	14017338	CHR1:14017338	SSF x Far_LoA	-7,12107314	-0,156	0,286
CHR1	14025730	CHR1:14025730	SSF x Far_LoA	-10,1107937	-0,031	0,319
CHR1	14025929	CHR1:14025929	SSF x Far_LoA	-8,91001958	-0,054	0,320
CHR1	14026041	CHR1:14026041	SSF x Far_LoA	-10,4449289	-0,005	0,308
CHR1	1402655	CHR1:1402655	SSF x Far_LoA	-8,39863339	-0,063	0,312
CHR1	1402776	CHR1:1402776	SSF x Far_LoA	-7,70428253	0,113	0,296
CHR1	14029350	CHR1:14029350	SSF x Far_LoA	-7,54611394	-0,011	0,315
CHR1	14032837	CHR1:14032837	SSF x Far_LoA	-6,03657433	0,024	0,313
CHR1	14036264	CHR1:14036264	SSF x Far_LoA	-11,3504202	-0,011	0,311
CHR1	14036327	CHR1:14036327	SSF x Far_LoA	-9,51766755	0,041	0,303
CHR1	14036355	CHR1:14036355	SSF x Far_LoA	-8,19693998	0,135	0,301
CHR1	1404050	CHR1:1404050	SSF x Far_LoA	-11,4007123	0,044	0,307
CHR1	1404136	CHR1:1404136	SSF x Far_LoA	-8,86504549	0,012	0,305
CHR1	14050862	CHR1:14050862	SSF x Far_LoA	-9,1308411	0,008	0,307
CHR1	14057116	CHR1:14057116	SSF x Far_LoA	-8,84086024	-0,049	0,309
CHR1	14057180	CHR1:14057180	SSF x Far_LoA	-10,034607	-0,083	0,300
CHR1	14057259	CHR1:14057259	SSF x Far_LoA	-9,54579445	-0,040	0,301
CHR1	14064418	CHR1:14064418	SSF x Far_LoA	-7,48759234	0,011	0,316
CHR1	14064420	CHR1:14064420	SSF x Far_LoA	-5,57250855	-0,022	0,314
CHR1	14064440	CHR1:14064440	SSF x Far_LoA	-8,03586942	-0,011	0,316
CHR1	14064444	CHR1:14064444	SSF x Far_LoA	-8,31740769	-0,015	0,303
CHR1	14064452	CHR1:14064452	SSF x Far_LoA	-8,7530307	-0,016	0,320
CHR1	14064457	CHR1:14064457	SSF x Far_LoA	-8,59045737	-0,003	0,306
CHR1	14064465	CHR1:14064465	SSF x Far_LoA	-8,08790122	-0,002	0,310
CHR1	14064478	CHR1:14064478	SSF x Far_LoA	-4,52495001	-0,004	0,320
CHR1	14064482	CHR1:14064482	SSF x Far_LoA	-8,26985389	-0,001	0,325
CHR1	14064491	CHR1:14064491	SSF x Far_LoA	-1,44037476	0,005	0,332
CHR1	14064494	CHR1:14064494	SSF x Far_LoA	-8,94848694	0,017	0,319
CHR1	14064509	CHR1:14064509	SSF x Far_LoA	-7,08998712	-0,028	0,320
CHR1	14064510	CHR1:14064510	SSF x Far_LoA	-7,08786076	0,014	0,311
CHR1	14064512	CHR1:14064512	SSF x Far_LoA	-8,33446405	-0,011	0,318
CHR1	14070256	CHR1:14070256	SSF x Far_LoA	-5,83354286	0,150	0,302
CHR1	14072498	CHR1:14072498	SSF x Far_LoA	-8,02795184	-0,136	0,315
CHR1	14077777	CHR1:14077777	SSF x Far_LoA	-11,5937994	-0,003	0,308
CHR1	1410918	CHR1:1410918	SSF x Far_LoA	-8,9113683	0,085	0,309
CHR1	1410934	CHR1:1410934	SSF x Far_LoA	-10,0767475	-0,096	0,301
CHR1	1411012	CHR1:1411012	SSF x Far_LoA	-10,491355	-0,009	0,303
CHR1	1411075	CHR1:1411075	SSF x Far_LoA	-11,1686128	-0,063	0,304
CHR1	1411111	CHR1:1411111	SSF x Far_LoA	-10,2030729	0,041	0,303
CHR1	1411115	CHR1:1411115	SSF x Far_LoA	-8,77237495	-0,012	0,308
CHR1	14111731	CHR1:14111731	SSF x Far_LoA	-10,7454876	0,075	0,310
CHR1	14114818	CHR1:14114818	SSF x Far_LoA	-9,77933156	-0,018	0,306
CHR1	14114894	CHR1:14114894	SSF x Far_LoA	-11,0149749	0,038	0,299
CHR1	14114933	CHR1:14114933	SSF x Far_LoA	-7,36514237	0,002	0,322
CHR1	14114941	CHR1:14114941	SSF x Far_LoA	-10,9268102	0,043	0,313
CHR1	14114975	CHR1:14114975	SSF x Far_LoA	-9,82631512	0,015	0,307
CHR1	14127578	CHR1:14127578	SSF x Far_LoA	-8,58075644	0,039	0,295

CHR1	14127584	CHR1:14127584	SSF x Far_LoA	-10,1419944	-0,078	0,309
CHR1	14127986	CHR1:14127986	SSF x Far_LoA	-10,1218651	0,004	0,306
CHR1	14128085	CHR1:14128085	SSF x Far_LoA	-8,48084561	-0,085	0,308
CHR1	14137401	CHR1:14137401	SSF x Far_LoA	-8,02878	0,082	0,301
CHR1	14137515	CHR1:14137515	SSF x Far_LoA	-8,39321276	0,005	0,305
CHR1	14137553	CHR1:14137553	SSF x Far_LoA	-9,7738727	-0,008	0,312
CHR1	14137568	CHR1:14137568	SSF x Far_LoA	-8,82150638	-0,103	0,297
CHR1	14137689	CHR1:14137689	SSF x Far_LoA	-11,3107968	-0,005	0,308
CHR1	1414883	CHR1:1414883	SSF x Far_LoA	-9,63911636	0,034	0,299
CHR1	1414885	CHR1:1414885	SSF x Far_LoA	-10,0640231	-0,049	0,310
CHR1	1415216	CHR1:1415216	SSF x Far_LoA	-9,28718823	0,103	0,299
CHR1	14159437	CHR1:14159437	SSF x Far_LoA	-2,38952243	-0,253	0,274
CHR1	14159471	CHR1:14159471	SSF x Far_LoA	-7,22312023	0,111	0,305
CHR1	14159505	CHR1:14159505	SSF x Far_LoA	-9,44659699	0,001	0,308
CHR1	14163173	CHR1:14163173	SSF x Far_LoA	-8,14366059	-0,162	0,297
CHR1	14163179	CHR1:14163179	SSF x Far_LoA	-10,1676969	-0,084	0,294
CHR1	14163185	CHR1:14163185	SSF x Far_LoA	-10,3956093	-0,093	0,302
CHR1	14163213	CHR1:14163213	SSF x Far_LoA	-9,78879917	-0,098	0,305
CHR1	14163228	CHR1:14163228	SSF x Far_LoA	-9,70821616	-0,049	0,309
CHR1	14163233	CHR1:14163233	SSF x Far_LoA	-9,73150817	-0,088	0,297
CHR1	14163266	CHR1:14163266	SSF x Far_LoA	-9,91117962	-0,047	0,299
CHR1	14163281	CHR1:14163281	SSF x Far_LoA	-9,94509877	0,023	0,301
CHR1	14163318	CHR1:14163318	SSF x Far_LoA	-8,78546756	0,042	0,308
CHR1	14163334	CHR1:14163334	SSF x Far_LoA	-11,5225222	0,035	0,319
CHR1	14163353	CHR1:14163353	SSF x Far_LoA	-8,06867349	-0,152	0,290
CHR1	14163362	CHR1:14163362	SSF x Far_LoA	-9,24553274	-0,136	0,300
CHR1	14163366	CHR1:14163366	SSF x Far_LoA	-9,96878043	0,026	0,308
CHR1	14163367	CHR1:14163367	SSF x Far_LoA	-6,0431053	-0,132	0,301
CHR1	14163372	CHR1:14163372	SSF x Far_LoA	-10,7744103	0,019	0,300
CHR1	14163373	CHR1:14163373	SSF x Far_LoA	-8,53258738	0,127	0,308
CHR1	14163385	CHR1:14163385	SSF x Far_LoA	-11,4806011	0,047	0,316
CHR1	14163391	CHR1:14163391	SSF x Far_LoA	-8,43374506	-0,150	0,301
CHR1	14171787	CHR1:14171787	SSF x Far_LoA	-4,89646327	-0,097	0,308
CHR1	14171804	CHR1:14171804	SSF x Far_LoA	-11,0376401	0,004	0,304
CHR1	14171932	CHR1:14171932	SSF x Far_LoA	-11,3996049	-0,037	0,308
CHR1	14174725	CHR1:14174725	SSF x Far_LoA	-4,3798161	0,087	0,297
CHR1	14174734	CHR1:14174734	SSF x Far_LoA	-9,22838399	0,027	0,317
CHR1	14174848	CHR1:14174848	SSF x Far_LoA	-11,9971301	0,032	0,312
CHR1	14174852	CHR1:14174852	SSF x Far_LoA	-11,0704407	-0,057	0,315
CHR1	14174883	CHR1:14174883	SSF x Far_LoA	-6,09585588	-0,003	0,318
CHR1	14174892	CHR1:14174892	SSF x Far_LoA	-8,0898488	0,072	0,305
CHR1	14174960	CHR1:14174960	SSF x Far_LoA	-8,40598122	0,088	0,294
CHR1	14179704	CHR1:14179704	SSF x Far_LoA	-8,84829502	-0,026	0,314
CHR1	14179712	CHR1:14179712	SSF x Far_LoA	-10,2554401	-0,016	0,303
CHR1	14179757	CHR1:14179757	SSF x Far_LoA	-10,8632565	-0,076	0,309
CHR1	14179791	CHR1:14179791	SSF x Far_LoA	-10,1702666	0,029	0,303
CHR1	14179792	CHR1:14179792	SSF x Far_LoA	-11,624022	0,017	0,299
CHR1	14181996	CHR1:14181996	SSF x Far_LoA	-6,81825086	-0,152	0,294
CHR1	14182018	CHR1:14182018	SSF x Far_LoA	-11,839881	0,022	0,292
CHR1	14209764	CHR1:14209764	SSF x Far_LoA	-11,9637393	0,068	0,309
CHR1	14209766	CHR1:14209766	SSF x Far_LoA	-9,4952153	0,016	0,299
CHR1	14209772	CHR1:14209772	SSF x Far_LoA	-7,73790038	0,065	0,293
CHR1	14209805	CHR1:14209805	SSF x Far_LoA	-9,68740461	0,048	0,313

CHR1	14209814	CHR1:14209814	SSF x Far_LoA	-8,41109622	0,103	0,309
CHR1	14209821	CHR1:14209821	SSF x Far_LoA	-11,9338772	0,045	0,303
CHR1	14209970	CHR1:14209970	SSF x Far_LoA	-11,6849642	0,003	0,303
CHR1	14214864	CHR1:14214864	SSF x Far_LoA	-10,9057409	0,021	0,311
CHR1	14214869	CHR1:14214869	SSF x Far_LoA	-9,21768291	0,017	0,310
CHR1	14214919	CHR1:14214919	SSF x Far_LoA	-9,09129696	0,110	0,304
CHR1	1422541	CHR1:1422541	SSF x Far_LoA	-1,50168743	0,141	0,287
CHR1	14235389	CHR1:14235389	SSF x Far_LoA	-8,58051542	-0,061	0,311
CHR1	14235390	CHR1:14235390	SSF x Far_LoA	-7,25135875	-0,150	0,289
CHR1	14235462	CHR1:14235462	SSF x Far_LoA	-7,67007152	0,005	0,308
CHR1	14235465	CHR1:14235465	SSF x Far_LoA	-8,98166845	0,018	0,299
CHR1	14235494	CHR1:14235494	SSF x Far_LoA	-8,96471472	0,115	0,293
CHR1	14235498	CHR1:14235498	SSF x Far_LoA	-1,92196736	0,127	0,290
CHR1	14235510	CHR1:14235510	SSF x Far_LoA	-8,63653135	0,112	0,323
CHR1	1424627	CHR1:1424627	SSF x Far_LoA	-8,7528039	0,123	0,303
CHR1	1424646	CHR1:1424646	SSF x Far_LoA	-11,6553783	0,009	0,306
CHR1	14252374	CHR1:14252374	SSF x Far_LoA	-9,54061385	-0,019	0,307
CHR1	14260394	CHR1:14260394	SSF x Far_LoA	-8,45551239	-0,090	0,309
CHR1	1428474	CHR1:1428474	SSF x Far_LoA	-6,58647336	-0,171	0,305
CHR1	14285339	CHR1:14285339	SSF x Far_LoA	-7,7231059	0,054	0,321
CHR1	14285393	CHR1:14285393	SSF x Far_LoA	-9,75058024	-0,068	0,308
CHR1	14285402	CHR1:14285402	SSF x Far_LoA	-9,03968102	-0,006	0,296
CHR1	1428612	CHR1:1428612	SSF x Far_LoA	-9,52319325	0,099	0,302
CHR1	14296747	CHR1:14296747	SSF x Far_LoA	-8,83429931	0,046	0,303
CHR1	14296759	CHR1:14296759	SSF x Far_LoA	-8,58880976	-0,111	0,300
CHR1	14296859	CHR1:14296859	SSF x Far_LoA	-9,59808698	-0,005	0,309
CHR1	14296981	CHR1:14296981	SSF x Far_LoA	-10,7777243	-0,087	0,304
CHR1	14299978	CHR1:14299978	SSF x Far_LoA	-7,41601494	-0,141	0,302
CHR1	14300028	CHR1:14300028	SSF x Far_LoA	-9,23932829	0,065	0,304
CHR1	14300054	CHR1:14300054	SSF x Far_LoA	-8,07982185	0,036	0,310
CHR1	14300068	CHR1:14300068	SSF x Far_LoA	-7,30621008	0,116	0,283
CHR1	14300073	CHR1:14300073	SSF x Far_LoA	-8,26947778	0,113	0,304
CHR1	14300085	CHR1:14300085	SSF x Far_LoA	-11,5575824	-0,035	0,298
CHR1	14307627	CHR1:14307627	SSF x Far_LoA	-10,622726	-0,078	0,309
CHR1	14307696	CHR1:14307696	SSF x Far_LoA	-8,19137562	0,128	0,304
CHR1	14307792	CHR1:14307792	SSF x Far_LoA	-9,80257302	-0,019	0,313
CHR1	14316154	CHR1:14316154	SSF x Far_LoA	-9,20563034	0,127	0,312
CHR1	14316169	CHR1:14316169	SSF x Far_LoA	-9,57487293	-0,106	0,295
CHR1	14316235	CHR1:14316235	SSF x Far_LoA	-8,29560099	-0,066	0,319
CHR1	14316264	CHR1:14316264	SSF x Far_LoA	-9,31068169	-0,069	0,298
CHR1	14320768	CHR1:14320768	SSF x Far_LoA	-10,3507603	0,065	0,305
CHR1	14320874	CHR1:14320874	SSF x Far_LoA	-10,9563329	0,042	0,320
CHR1	14321570	CHR1:14321570	SSF x Far_LoA	-8,10533583	0,093	0,298
CHR1	143246	CHR1:143246	SSF x Far_LoA	-9,36310431	-0,135	0,289
CHR1	143271	CHR1:143271	SSF x Far_LoA	-9,3270169	-0,147	0,305
CHR1	143273	CHR1:143273	SSF x Far_LoA	-9,07548344	0,136	0,291
CHR1	143277	CHR1:143277	SSF x Far_LoA	-9,9362743	0,105	0,303
CHR1	1432795	CHR1:1432795	SSF x Far_LoA	-8,22828052	0,120	0,309
CHR1	14332535	CHR1:14332535	SSF x Far_LoA	-10,5733942	-0,033	0,305
CHR1	14338565	CHR1:14338565	SSF x Far_LoA	-9,11383538	-0,061	0,313
CHR1	14339501	CHR1:14339501	SSF x Far_LoA	-8,54719682	-0,073	0,315
CHR1	14342694	CHR1:14342694	SSF x Far_LoA	-5,22375747	-0,147	0,296
CHR1	14342751	CHR1:14342751	SSF x Far_LoA	-9,66376005	0,016	0,305

CHR1	14342791	CHR1:14342791	SSF x Far_LoA	-11,2172351	-0,114	0,295
CHR1	14342838	CHR1:14342838	SSF x Far_LoA	-8,39725196	-0,082	0,299
CHR1	14342892	CHR1:14342892	SSF x Far_LoA	-5,00630677	-0,089	0,315
CHR1	14347565	CHR1:14347565	SSF x Far_LoA	-9,12021034	-0,139	0,303
CHR1	14347590	CHR1:14347590	SSF x Far_LoA	-9,71345951	-0,032	0,304
CHR1	14347655	CHR1:14347655	SSF x Far_LoA	-11,6261068	0,029	0,301
CHR1	14347662	CHR1:14347662	SSF x Far_LoA	-8,71898729	-0,089	0,315
CHR1	14362502	CHR1:14362502	SSF x Far_LoA	-5,60052366	0,177	0,296
CHR1	14367222	CHR1:14367222	SSF x Far_LoA	-9,88131484	-0,030	0,309
CHR1	14367247	CHR1:14367247	SSF x Far_LoA	-4,58738341	-0,175	0,303
CHR1	14375604	CHR1:14375604	SSF x Far_LoA	-7,50522771	0,183	0,294
CHR1	14375663	CHR1:14375663	SSF x Far_LoA	-10,0126846	-0,031	0,302
CHR1	14375665	CHR1:14375665	SSF x Far_LoA	-7,93630174	0,184	0,307
CHR1	14376113	CHR1:14376113	SSF x Far_LoA	-6,75824143	-0,015	0,310
CHR1	14381210	CHR1:14381210	SSF x Far_LoA	-6,91162767	0,019	0,310
CHR1	14381219	CHR1:14381219	SSF x Far_LoA	-10,7460757	-0,019	0,297
CHR1	14381292	CHR1:14381292	SSF x Far_LoA	-6,85681567	-0,001	0,302
CHR1	1438647	CHR1:1438647	SSF x Far_LoA	-8,71850675	0,074	0,310
CHR1	14395271	CHR1:14395271	SSF x Far_LoA	-11,2176139	0,013	0,305
CHR1	1439664	CHR1:1439664	SSF x Far_LoA	-8,26254508	-0,001	0,314
CHR1	1439757	CHR1:1439757	SSF x Far_LoA	-10,2207294	0,079	0,310
CHR1	14405244	CHR1:14405244	SSF x Far_LoA	-9,08515705	-0,054	0,308
CHR1	14405297	CHR1:14405297	SSF x Far_LoA	-7,33861221	0,032	0,295
CHR1	14407127	CHR1:14407127	SSF x Far_LoA	-11,0864163	-0,052	0,315
CHR1	14409601	CHR1:14409601	SSF x Far_LoA	-11,3847582	0,004	0,316
CHR1	14409619	CHR1:14409619	SSF x Far_LoA	-7,21729596	-0,114	0,294
CHR1	14417556	CHR1:14417556	SSF x Far_LoA	-8,93773894	-0,054	0,298
CHR1	14417597	CHR1:14417597	SSF x Far_LoA	-11,4342347	0,091	0,308
CHR1	14417717	CHR1:14417717	SSF x Far_LoA	-12,0805976	0,035	0,311
CHR1	14417735	CHR1:14417735	SSF x Far_LoA	-9,53683515	0,037	0,310
CHR1	14417766	CHR1:14417766	SSF x Far_LoA	-9,91320822	-0,027	0,296
CHR1	1441780	CHR1:1441780	SSF x Far_LoA	-11,0591399	0,002	0,309
CHR1	1441856	CHR1:1441856	SSF x Far_LoA	-12,2978909	-0,016	0,301
CHR1	1441879	CHR1:1441879	SSF x Far_LoA	-11,8263451	0,013	0,297
CHR1	14419558	CHR1:14419558	SSF x Far_LoA	-8,28569193	0,024	0,319
CHR1	14419586	CHR1:14419586	SSF x Far_LoA	-11,8584151	-0,043	0,308
CHR1	14426956	CHR1:14426956	SSF x Far_LoA	-1,01225326	-0,094	0,315
CHR1	14427150	CHR1:14427150	SSF x Far_LoA	-8,24683695	0,069	0,307
CHR1	14440338	CHR1:14440338	SSF x Far_LoA	-9,37846277	-0,062	0,327
CHR1	14449800	CHR1:14449800	SSF x Far_LoA	-9,65844304	0,037	0,306
CHR1	14449834	CHR1:14449834	SSF x Far_LoA	-7,01630824	0,076	0,304
CHR1	14449930	CHR1:14449930	SSF x Far_LoA	-9,31809359	0,022	0,311
CHR1	14456202	CHR1:14456202	SSF x Far_LoA	-9,00529675	-0,002	0,307
CHR1	14476994	CHR1:14476994	SSF x Far_LoA	-3,594437	-0,106	0,322
CHR1	14476997	CHR1:14476997	SSF x Far_LoA	-8,93906999	0,092	0,303
CHR1	14477058	CHR1:14477058	SSF x Far_LoA	-7,07680113	0,098	0,298
CHR1	14477133	CHR1:14477133	SSF x Far_LoA	-7,61415466	-0,056	0,314
CHR1	14480242	CHR1:14480242	SSF x Far_LoA	-10,2427845	-0,066	0,313
CHR1	14480278	CHR1:14480278	SSF x Far_LoA	-7,8300144	-0,096	0,308
CHR1	14481268	CHR1:14481268	SSF x Far_LoA	-9,62545357	0,074	0,320
CHR1	14481273	CHR1:14481273	SSF x Far_LoA	-9,18340816	-0,134	0,313
CHR1	14481279	CHR1:14481279	SSF x Far_LoA	-9,61409735	-0,140	0,306
CHR1	14481385	CHR1:14481385	SSF x Far_LoA	-10,5119325	-0,029	0,300

CHR1	14482963	CHR1:14482963	SSF x Far_LoA	-7,93608305	0,104	0,307
CHR1	14482964	CHR1:14482964	SSF x Far_LoA	-9,78690554	-0,114	0,304
CHR1	14482965	CHR1:14482965	SSF x Far_LoA	-10,0161634	0,034	0,322
CHR1	14482966	CHR1:14482966	SSF x Far_LoA	-9,46767276	-0,118	0,300
CHR1	14482968	CHR1:14482968	SSF x Far_LoA	-6,94827423	-0,044	0,297
CHR1	14482972	CHR1:14482972	SSF x Far_LoA	-10,1426897	0,134	0,289
CHR1	14482973	CHR1:14482973	SSF x Far_LoA	-10,1413393	0,050	0,306
CHR1	14482989	CHR1:14482989	SSF x Far_LoA	-8,02726444	-0,031	0,289
CHR1	14482992	CHR1:14482992	SSF x Far_LoA	-8,86724665	-0,028	0,300
CHR1	14483060	CHR1:14483060	SSF x Far_LoA	-10,2467616	0,082	0,321
CHR1	14491140	CHR1:14491140	SSF x Far_LoA	-5,99095164	-0,106	0,303
CHR1	14497217	CHR1:14497217	SSF x Far_LoA	-8,69255971	-0,054	0,293
CHR1	14497220	CHR1:14497220	SSF x Far_LoA	-9,50714752	-0,028	0,281
CHR1	14497238	CHR1:14497238	SSF x Far_LoA	-11,2217293	0,056	0,297
CHR1	14497240	CHR1:14497240	SSF x Far_LoA	-10,0106922	-0,042	0,299
CHR1	14497253	CHR1:14497253	SSF x Far_LoA	-8,78888223	0,063	0,315
CHR1	14497262	CHR1:14497262	SSF x Far_LoA	-11,1161018	0,007	0,316
CHR1	14497328	CHR1:14497328	SSF x Far_LoA	-10,8723568	-0,055	0,321
CHR1	14505216	CHR1:14505216	SSF x Far_LoA	-8,15334715	-0,085	0,312
CHR1	14505290	CHR1:14505290	SSF x Far_LoA	-9,72696245	0,103	0,302
CHR1	14509866	CHR1:14509866	SSF x Far_LoA	-11,0023546	0,076	0,295
CHR1	14510764	CHR1:14510764	SSF x Far_LoA	-10,6506997	-0,031	0,309
CHR1	14510779	CHR1:14510779	SSF x Far_LoA	-8,21926972	0,155	0,306
CHR1	14521267	CHR1:14521267	SSF x Far_LoA	-7,48276603	-0,051	0,303
CHR1	14521375	CHR1:14521375	SSF x Far_LoA	-10,5490702	0,086	0,296
CHR1	14521381	CHR1:14521381	SSF x Far_LoA	-11,639535	0,036	0,299
CHR1	14528765	CHR1:14528765	SSF x Far_LoA	-10,8653816	0,010	0,307
CHR1	14528857	CHR1:14528857	SSF x Far_LoA	-9,39960177	0,016	0,317
CHR1	1453283	CHR1:1453283	SSF x Far_LoA	-9,27682733	-0,011	0,314
CHR1	1453363	CHR1:1453363	SSF x Far_LoA	-3,91130257	-0,055	0,298
CHR1	145465	CHR1:145465	SSF x Far_LoA	-9,55623866	-0,043	0,302
CHR1	14558724	CHR1:14558724	SSF x Far_LoA	-10,006016	-0,079	0,307
CHR1	14558769	CHR1:14558769	SSF x Far_LoA	-9,42531198	-0,124	0,314
CHR1	14558813	CHR1:14558813	SSF x Far_LoA	-5,37943115	0,028	0,313
CHR1	14558867	CHR1:14558867	SSF x Far_LoA	-8,4506987	-0,160	0,308
CHR1	14558897	CHR1:14558897	SSF x Far_LoA	-9,43363389	-0,164	0,301
CHR1	14558957	CHR1:14558957	SSF x Far_LoA	-6,18755468	-0,199	0,292
CHR1	14561956	CHR1:14561956	SSF x Far_LoA	-7,30883093	-0,093	0,303
CHR1	14562034	CHR1:14562034	SSF x Far_LoA	-7,99220812	-0,099	0,312
CHR1	14562058	CHR1:14562058	SSF x Far_LoA	-8,90211126	0,130	0,291
CHR1	14562115	CHR1:14562115	SSF x Far_LoA	-10,3403298	-0,024	0,293
CHR1	1458425	CHR1:1458425	SSF x Far_LoA	-9,87839436	0,015	0,306
CHR1	1458440	CHR1:1458440	SSF x Far_LoA	-7,48614149	-0,116	0,300
CHR1	1458502	CHR1:1458502	SSF x Far_LoA	-10,2212547	-0,042	0,303
CHR1	1458515	CHR1:1458515	SSF x Far_LoA	-7,9429923	0,129	0,304
CHR1	1458537	CHR1:1458537	SSF x Far_LoA	-10,6752373	0,098	0,311
CHR1	1458723	CHR1:1458723	SSF x Far_LoA	-12,1908766	-0,013	0,302
CHR1	1458728	CHR1:1458728	SSF x Far_LoA	-9,19958855	0,044	0,313
CHR1	14589362	CHR1:14589362	SSF x Far_LoA	-8,86759762	-0,054	0,309
CHR1	14589410	CHR1:14589410	SSF x Far_LoA	-9,75898905	-0,132	0,304
CHR1	14610556	CHR1:14610556	SSF x Far_LoA	-6,67579925	0,104	0,307
CHR1	14610572	CHR1:14610572	SSF x Far_LoA	-8,24205946	0,084	0,303
CHR1	14610621	CHR1:14610621	SSF x Far_LoA	-8,00082403	-0,072	0,312

CHR1	14610685	CHR1:14610685	SSF x Far_LoA	-9,59974831	-0,057	0,297
CHR1	14615389	CHR1:14615389	SSF x Far_LoA	-9,10661279	0,061	0,316
CHR1	14615418	CHR1:14615418	SSF x Far_LoA	-8,73883064	0,032	0,297
CHR1	14618047	CHR1:14618047	SSF x Far_LoA	-9,05696717	-0,022	0,322
CHR1	14618101	CHR1:14618101	SSF x Far_LoA	-9,90001147	0,036	0,312
CHR1	14618118	CHR1:14618118	SSF x Far_LoA	-10,8737114	0,029	0,300
CHR1	14618119	CHR1:14618119	SSF x Far_LoA	-9,1628083	0,035	0,315
CHR1	14618133	CHR1:14618133	SSF x Far_LoA	-10,2061647	0,026	0,310
CHR1	14618136	CHR1:14618136	SSF x Far_LoA	-9,68877652	0,038	0,309
CHR1	14619695	CHR1:14619695	SSF x Far_LoA	-9,75588777	-0,078	0,307
CHR1	14619706	CHR1:14619706	SSF x Far_LoA	-0,67168478	-0,022	0,299
CHR1	14619758	CHR1:14619758	SSF x Far_LoA	-10,4179216	-0,061	0,307
CHR1	14619769	CHR1:14619769	SSF x Far_LoA	-10,9886677	0,052	0,301
CHR1	14625409	CHR1:14625409	SSF x Far_LoA	-5,4769632	0,071	0,311
CHR1	14626420	CHR1:14626420	SSF x Far_LoA	-10,9950984	0,012	0,299
CHR1	14627895	CHR1:14627895	SSF x Far_LoA	-11,5690495	-0,009	0,298
CHR1	14628182	CHR1:14628182	SSF x Far_LoA	-10,0748313	-0,070	0,312
CHR1	14647797	CHR1:14647797	SSF x Far_LoA	-8,29853642	-0,007	0,318
CHR1	14658348	CHR1:14658348	SSF x Far_LoA	-11,5213715	0,087	0,321
CHR1	14658406	CHR1:14658406	SSF x Far_LoA	-8,38711185	-0,019	0,307
CHR1	14659769	CHR1:14659769	SSF x Far_LoA	-8,44727959	-0,111	0,305
CHR1	14659824	CHR1:14659824	SSF x Far_LoA	-11,3082344	-0,024	0,312
CHR1	14668187	CHR1:14668187	SSF x Far_LoA	-8,6314919	-0,041	0,304
CHR1	14668258	CHR1:14668258	SSF x Far_LoA	-11,2653493	-0,007	0,314
CHR1	14668263	CHR1:14668263	SSF x Far_LoA	-12,1908116	0,036	0,305
CHR1	14668322	CHR1:14668322	SSF x Far_LoA	-11,5895619	0,006	0,310
CHR1	14673013	CHR1:14673013	SSF x Far_LoA	-11,7114629	0,019	0,308
CHR1	14673022	CHR1:14673022	SSF x Far_LoA	-13,2266298	0,000	0,290
CHR1	14673040	CHR1:14673040	SSF x Far_LoA	-6,88562252	-0,017	0,324
CHR1	14673097	CHR1:14673097	SSF x Far_LoA	-7,84982229	-0,051	0,305
CHR1	14673146	CHR1:14673146	SSF x Far_LoA	-7,57999318	-0,069	0,301
CHR1	14673176	CHR1:14673176	SSF x Far_LoA	-8,82084512	-0,073	0,301
CHR1	14677382	CHR1:14677382	SSF x Far_LoA	-9,69581827	0,094	0,304
CHR1	14677394	CHR1:14677394	SSF x Far_LoA	-7,92633057	0,019	0,320
CHR1	14677396	CHR1:14677396	SSF x Far_LoA	-9,84021729	0,001	0,315
CHR1	14677467	CHR1:14677467	SSF x Far_LoA	-9,92266898	-0,014	0,311
CHR1	14677472	CHR1:14677472	SSF x Far_LoA	-10,3392828	-0,047	0,321
CHR1	14681639	CHR1:14681639	SSF x Far_LoA	-10,674316	-0,088	0,311
CHR1	14681671	CHR1:14681671	SSF x Far_LoA	-8,85941859	-0,027	0,308
CHR1	14681674	CHR1:14681674	SSF x Far_LoA	-10,095099	0,123	0,300
CHR1	14681683	CHR1:14681683	SSF x Far_LoA	-8,60276054	-0,034	0,308
CHR1	14681694	CHR1:14681694	SSF x Far_LoA	-9,23264349	0,087	0,300
CHR1	14681723	CHR1:14681723	SSF x Far_LoA	-9,24748495	-0,027	0,299
CHR1	14681749	CHR1:14681749	SSF x Far_LoA	-9,7057889	-0,073	0,292
CHR1	14681786	CHR1:14681786	SSF x Far_LoA	-9,87032279	-0,038	0,309
CHR1	14681825	CHR1:14681825	SSF x Far_LoA	-11,1919021	0,079	0,295
CHR1	14681839	CHR1:14681839	SSF x Far_LoA	-9,51276211	0,068	0,307
CHR1	14681851	CHR1:14681851	SSF x Far_LoA	-5,10717938	0,035	0,298
CHR1	14681877	CHR1:14681877	SSF x Far_LoA	-11,2671977	0,062	0,295
CHR1	14683821	CHR1:14683821	SSF x Far_LoA	-8,56115148	0,127	0,306
CHR1	14687130	CHR1:14687130	SSF x Far_LoA	-11,094794	0,032	0,320
CHR1	146899	CHR1:146899	SSF x Far_LoA	-6,92364467	0,116	0,311
CHR1	14695418	CHR1:14695418	SSF x Far_LoA	-9,03919017	0,056	0,300

CHR1	14695481	CHR1:14695481	SSF x Far_LoA	-10,2732726	-0,086	0,297
CHR1	14695541	CHR1:14695541	SSF x Far_LoA	-9,91183001	-0,024	0,310
CHR1	14695594	CHR1:14695594	SSF x Far_LoA	-6,72595216	0,106	0,312
CHR1	14695621	CHR1:14695621	SSF x Far_LoA	-9,9756255	-0,074	0,316
CHR1	14697397	CHR1:14697397	SSF x Far_LoA	-7,13750393	-0,159	0,296
CHR1	14697469	CHR1:14697469	SSF x Far_LoA	-7,87038088	0,135	0,299
CHR1	14717049	CHR1:14717049	SSF x Far_LoA	-4,60819373	0,086	0,307
CHR1	14717144	CHR1:14717144	SSF x Far_LoA	-4,44934078	-0,137	0,317
CHR1	14719407	CHR1:14719407	SSF x Far_LoA	-4,70682014	0,188	0,293
CHR1	14719463	CHR1:14719463	SSF x Far_LoA	-9,8079685	0,082	0,293
CHR1	14730556	CHR1:14730556	SSF x Far_LoA	-9,14548698	-0,055	0,314
CHR1	14730606	CHR1:14730606	SSF x Far_LoA	-7,70314312	-0,043	0,312
CHR1	14730610	CHR1:14730610	SSF x Far_LoA	-9,72465277	-0,041	0,299
CHR1	14730711	CHR1:14730711	SSF x Far_LoA	-9,98879199	0,024	0,323
CHR1	1475210	CHR1:1475210	SSF x Far_LoA	-8,72269817	-0,010	0,306
CHR1	1475222	CHR1:1475222	SSF x Far_LoA	-9,59777299	0,033	0,296
CHR1	1475245	CHR1:1475245	SSF x Far_LoA	-9,54014442	-0,083	0,312
CHR1	1475476	CHR1:1475476	SSF x Far_LoA	-8,63817881	-0,027	0,297
CHR1	14761415	CHR1:14761415	SSF x Far_LoA	-9,38918531	0,083	0,311
CHR1	14774242	CHR1:14774242	SSF x Far_LoA	-8,69895897	0,129	0,303
CHR1	14774256	CHR1:14774256	SSF x Far_LoA	-11,8867209	-0,037	0,305
CHR1	14774270	CHR1:14774270	SSF x Far_LoA	-11,0352548	-0,016	0,305
CHR1	14774295	CHR1:14774295	SSF x Far_LoA	-6,82450126	-0,115	0,305
CHR1	14774318	CHR1:14774318	SSF x Far_LoA	-0,59771697	0,125	0,318
CHR1	14774336	CHR1:14774336	SSF x Far_LoA	-11,5355268	-0,043	0,298
CHR1	1479328	CHR1:1479328	SSF x Far_LoA	-7,73519257	-0,035	0,317
CHR1	1479348	CHR1:1479348	SSF x Far_LoA	-9,82376294	-0,048	0,307
CHR1	1479399	CHR1:1479399	SSF x Far_LoA	-10,1449717	0,095	0,306
CHR1	1479483	CHR1:1479483	SSF x Far_LoA	-9,63832284	-0,019	0,305
CHR1	14801434	CHR1:14801434	SSF x Far_LoA	-8,49913487	0,018	0,316
CHR1	1480907	CHR1:1480907	SSF x Far_LoA	-9,70478623	-0,129	0,309
CHR1	1480938	CHR1:1480938	SSF x Far_LoA	-9,87041836	-0,033	0,295
CHR1	1480964	CHR1:1480964	SSF x Far_LoA	-8,466929	-0,085	0,298
CHR1	14814941	CHR1:14814941	SSF x Far_LoA	-8,18455921	0,123	0,303
CHR1	14814957	CHR1:14814957	SSF x Far_LoA	-6,82619253	0,143	0,291
CHR1	14814992	CHR1:14814992	SSF x Far_LoA	-7,6908587	0,130	0,296
CHR1	14816878	CHR1:14816878	SSF x Far_LoA	-8,60349074	0,135	0,302
CHR1	14838557	CHR1:14838557	SSF x Far_LoA	-11,7363271	0,048	0,305
CHR1	14838603	CHR1:14838603	SSF x Far_LoA	-9,27415654	0,106	0,307
CHR1	14863068	CHR1:14863068	SSF x Far_LoA	-10,3419002	-0,081	0,312
CHR1	14863073	CHR1:14863073	SSF x Far_LoA	-11,5275629	0,088	0,285
CHR1	14863107	CHR1:14863107	SSF x Far_LoA	-7,71905522	0,084	0,311
CHR1	14863135	CHR1:14863135	SSF x Far_LoA	-8,67928278	0,049	0,306
CHR1	14863192	CHR1:14863192	SSF x Far_LoA	-10,2582296	0,024	0,313
CHR1	14863254	CHR1:14863254	SSF x Far_LoA	-8,59700676	-0,106	0,314
CHR1	14863267	CHR1:14863267	SSF x Far_LoA	-5,55670258	-0,084	0,307
CHR1	14863278	CHR1:14863278	SSF x Far_LoA	-10,362146	-0,039	0,297
CHR1	14873141	CHR1:14873141	SSF x Far_LoA	-10,6124363	-0,078	0,308
CHR1	14873219	CHR1:14873219	SSF x Far_LoA	-9,78011329	0,012	0,300
CHR1	14873260	CHR1:14873260	SSF x Far_LoA	-9,68530678	0,007	0,307
CHR1	14873362	CHR1:14873362	SSF x Far_LoA	-6,34180084	0,159	0,302
CHR1	14877131	CHR1:14877131	SSF x Far_LoA	-9,36636021	-0,025	0,312
CHR1	14877195	CHR1:14877195	SSF x Far_LoA	-9,19084019	0,065	0,314

CHR1	14877326	CHR1:14877326	SSF x Far_LoA	-8,66544538	-0,032	0,316
CHR1	14877342	CHR1:14877342	SSF x Far_LoA	-8,05743676	-0,131	0,302
CHR1	14877359	CHR1:14877359	SSF x Far_LoA	-10,1026764	0,023	0,311
CHR1	1488340	CHR1:1488340	SSF x Far_LoA	-12,0921943	0,000	0,304
CHR1	14887975	CHR1:14887975	SSF x Far_LoA	-10,0196144	0,041	0,311
CHR1	14888107	CHR1:14888107	SSF x Far_LoA	-9,03106198	0,019	0,300
CHR1	14888129	CHR1:14888129	SSF x Far_LoA	-6,58471883	-0,006	0,308
CHR1	14888131	CHR1:14888131	SSF x Far_LoA	-10,178338	0,022	0,308
CHR1	14888187	CHR1:14888187	SSF x Far_LoA	-10,059363	-0,104	0,311
CHR1	14888204	CHR1:14888204	SSF x Far_LoA	-11,4875796	-0,033	0,306
CHR1	14888215	CHR1:14888215	SSF x Far_LoA	-8,54701902	-0,047	0,313
CHR1	14888217	CHR1:14888217	SSF x Far_LoA	-10,8109606	-0,008	0,303
CHR1	14904756	CHR1:14904756	SSF x Far_LoA	-10,6186342	0,062	0,311
CHR1	14904846	CHR1:14904846	SSF x Far_LoA	-10,2121379	-0,038	0,306
CHR1	14904892	CHR1:14904892	SSF x Far_LoA	-7,26160692	-0,175	0,299
CHR1	14908525	CHR1:14908525	SSF x Far_LoA	-7,61513705	-0,121	0,303
CHR1	14921030	CHR1:14921030	SSF x Far_LoA	-11,3202524	-0,066	0,318
CHR1	14921226	CHR1:14921226	SSF x Far_LoA	-8,80219654	-0,098	0,294
CHR1	14923720	CHR1:14923720	SSF x Far_LoA	-6,32143243	-0,042	0,303
CHR1	14923728	CHR1:14923728	SSF x Far_LoA	-8,83831132	-0,038	0,303
CHR1	1494024	CHR1:1494024	SSF x Far_LoA	-9,07904503	-0,006	0,302
CHR1	14943753	CHR1:14943753	SSF x Far_LoA	-7,71093927	0,020	0,316
CHR1	14953812	CHR1:14953812	SSF x Far_LoA	-8,97487801	0,037	0,301
CHR1	14954715	CHR1:14954715	SSF x Far_LoA	-8,48554325	0,021	0,316
CHR1	14956336	CHR1:14956336	SSF x Far_LoA	-8,3232008	-0,043	0,308
CHR1	14956414	CHR1:14956414	SSF x Far_LoA	-2,67632623	0,008	0,310
CHR1	14962252	CHR1:14962252	SSF x Far_LoA	-9,48622381	-0,010	0,325
CHR1	14962278	CHR1:14962278	SSF x Far_LoA	-8,04412228	-0,131	0,300
CHR1	14962450	CHR1:14962450	SSF x Far_LoA	-9,95111929	-0,065	0,300
CHR1	14962546	CHR1:14962546	SSF x Far_LoA	-8,75747035	0,070	0,311
CHR1	14973421	CHR1:14973421	SSF x Far_LoA	-9,52743745	0,001	0,309
CHR1	1498049	CHR1:1498049	SSF x Far_LoA	-10,837947	-0,117	0,293
CHR1	14996195	CHR1:14996195	SSF x Far_LoA	-8,93462831	-0,084	0,307
CHR1	14996289	CHR1:14996289	SSF x Far_LoA	-6,36599619	-0,051	0,305
CHR1	15016931	CHR1:15016931	SSF x Far_LoA	-6,73674025	0,054	0,322
CHR1	15016943	CHR1:15016943	SSF x Far_LoA	-8,66159794	0,034	0,319
CHR1	15016946	CHR1:15016946	SSF x Far_LoA	-9,55259868	0,040	0,306
CHR1	15016961	CHR1:15016961	SSF x Far_LoA	-8,89391078	0,056	0,308
CHR1	15016970	CHR1:15016970	SSF x Far_LoA	-7,820141	0,036	0,320
CHR1	15016980	CHR1:15016980	SSF x Far_LoA	-9,05986823	0,054	0,322
CHR1	15016991	CHR1:15016991	SSF x Far_LoA	-7,55237884	0,054	0,306
CHR1	15017038	CHR1:15017038	SSF x Far_LoA	-9,12514524	0,034	0,318
CHR1	15017039	CHR1:15017039	SSF x Far_LoA	-8,9546806	0,045	0,307
CHR1	1504920	CHR1:1504920	SSF x Far_LoA	-9,55805397	0,038	0,303
CHR1	1504937	CHR1:1504937	SSF x Far_LoA	-10,9994854	0,081	0,314
CHR1	1504958	CHR1:1504958	SSF x Far_LoA	-9,0348903	-0,165	0,311
CHR1	1505038	CHR1:1505038	SSF x Far_LoA	-7,32403834	0,113	0,302
CHR1	1508396	CHR1:1508396	SSF x Far_LoA	-8,92073409	0,060	0,317
CHR1	15139067	CHR1:15139067	SSF x Far_LoA	-8,43052145	-0,028	0,314
CHR1	15139072	CHR1:15139072	SSF x Far_LoA	-8,07445104	-0,027	0,326
CHR1	15139150	CHR1:15139150	SSF x Far_LoA	-9,05485683	-0,033	0,312
CHR1	15139229	CHR1:15139229	SSF x Far_LoA	-8,31328625	-0,035	0,316
CHR1	1514471	CHR1:1514471	SSF x Far_LoA	-8,76343861	0,059	0,307

CHR1	1514554	CHR1:1514554	SSF x Far_LoA	-8,36584532	-0,009	0,309
CHR1	151686	CHR1:151686	SSF x Far_LoA	-9,42118574	-0,069	0,287
CHR1	151713	CHR1:151713	SSF x Far_LoA	-11,3053496	0,012	0,305
CHR1	15242897	CHR1:15242897	SSF x Far_LoA	-11,6215663	0,076	0,307
CHR1	1525747	CHR1:1525747	SSF x Far_LoA	-8,8176308	-0,127	0,307
CHR1	1525772	CHR1:1525772	SSF x Far_LoA	-6,63069631	0,164	0,296
CHR1	1525986	CHR1:1525986	SSF x Far_LoA	-8,798343	-0,020	0,302
CHR1	1526026	CHR1:1526026	SSF x Far_LoA	-9,09964146	0,041	0,300
CHR1	15271849	CHR1:15271849	SSF x Far_LoA	-7,44129474	-0,161	0,306
CHR1	15271878	CHR1:15271878	SSF x Far_LoA	-8,85883756	-0,099	0,302
CHR1	15271888	CHR1:15271888	SSF x Far_LoA	-8,69889074	-0,080	0,308
CHR1	15271897	CHR1:15271897	SSF x Far_LoA	-7,81375705	-0,124	0,310
CHR1	15271899	CHR1:15271899	SSF x Far_LoA	-8,39280577	-0,137	0,303
CHR1	15271905	CHR1:15271905	SSF x Far_LoA	-8,63914256	-0,144	0,313
CHR1	15271934	CHR1:15271934	SSF x Far_LoA	-8,50846435	-0,141	0,296
CHR1	15271981	CHR1:15271981	SSF x Far_LoA	-7,93551945	-0,122	0,303
CHR1	1535804	CHR1:1535804	SSF x Far_LoA	-11,2132395	0,043	0,315
CHR1	1535836	CHR1:1535836	SSF x Far_LoA	-2,02397016	0,099	0,307
CHR1	1535853	CHR1:1535853	SSF x Far_LoA	-7,59281825	-0,003	0,322
CHR1	1535869	CHR1:1535869	SSF x Far_LoA	-6,00447591	0,236	0,284
CHR1	1542438	CHR1:1542438	SSF x Far_LoA	-10,2226375	-0,105	0,301
CHR1	1542476	CHR1:1542476	SSF x Far_LoA	-10,4599077	0,004	0,295
CHR1	1542570	CHR1:1542570	SSF x Far_LoA	-8,25616158	0,164	0,296
CHR1	1544756	CHR1:1544756	SSF x Far_LoA	-9,11596849	-0,143	0,303
CHR1	15471583	CHR1:15471583	SSF x Far_LoA	-9,27553363	-0,008	0,318
CHR1	15471586	CHR1:15471586	SSF x Far_LoA	-9,09097529	-0,016	0,317
CHR1	15477241	CHR1:15477241	SSF x Far_LoA	-8,98114681	-0,017	0,315
CHR1	15477289	CHR1:15477289	SSF x Far_LoA	-8,88341037	0,001	0,326
CHR1	15477296	CHR1:15477296	SSF x Far_LoA	-8,12397437	0,010	0,324
CHR1	15477301	CHR1:15477301	SSF x Far_LoA	-8,10743745	0,017	0,334
CHR1	15477311	CHR1:15477311	SSF x Far_LoA	-7,67071246	0,014	0,318
CHR1	15477330	CHR1:15477330	SSF x Far_LoA	-9,60823687	0,007	0,307
CHR1	15477345	CHR1:15477345	SSF x Far_LoA	-8,05367242	0,010	0,316
CHR1	15477475	CHR1:15477475	SSF x Far_LoA	-8,32624399	0,007	0,311
CHR1	15477486	CHR1:15477486	SSF x Far_LoA	-8,79994649	-0,031	0,312
CHR1	15477523	CHR1:15477523	SSF x Far_LoA	-8,42220944	-0,015	0,319
CHR1	15477533	CHR1:15477533	SSF x Far_LoA	-7,0405501	-0,018	0,327
CHR1	15477540	CHR1:15477540	SSF x Far_LoA	-8,79908772	0,021	0,314
CHR1	15477549	CHR1:15477549	SSF x Far_LoA	2,31909319	0,023	0,314
CHR1	15477565	CHR1:15477565	SSF x Far_LoA	-8,69552152	0,018	0,313
CHR1	15500195	CHR1:15500195	SSF x Far_LoA	-9,78412078	-0,011	0,308
CHR1	1550160	CHR1:1550160	SSF x Far_LoA	-2,18953744	0,209	0,302
CHR1	1551669	CHR1:1551669	SSF x Far_LoA	-9,29598037	0,038	0,316
CHR1	1558015	CHR1:1558015	SSF x Far_LoA	-11,8170176	-0,015	0,309
CHR1	1558079	CHR1:1558079	SSF x Far_LoA	-9,37582027	-0,007	0,317
CHR1	15634733	CHR1:15634733	SSF x Far_LoA	-11,5031692	0,056	0,300
CHR1	1565230	CHR1:1565230	SSF x Far_LoA	-10,1034978	-0,062	0,296
CHR1	1565233	CHR1:1565233	SSF x Far_LoA	-9,61698837	-0,047	0,305
CHR1	1565253	CHR1:1565253	SSF x Far_LoA	-9,5015667	-0,111	0,311
CHR1	15668653	CHR1:15668653	SSF x Far_LoA	-11,4863449	-0,026	0,308
CHR1	15703074	CHR1:15703074	SSF x Far_LoA	-11,0159519	-0,009	0,306
CHR1	15703191	CHR1:15703191	SSF x Far_LoA	-8,81020755	0,076	0,296
CHR1	15725537	CHR1:15725537	SSF x Far_LoA	-8,02057722	0,122	0,293

CHR1	1573452	CHR1:1573452	SSF x Far_LoA	-11,6916527	0,055	0,304
CHR1	1573480	CHR1:1573480	SSF x Far_LoA	-10,4973983	0,040	0,312
CHR1	1573515	CHR1:1573515	SSF x Far_LoA	-8,87585685	0,144	0,300
CHR1	1573560	CHR1:1573560	SSF x Far_LoA	-7,48670301	-0,076	0,315
CHR1	1573567	CHR1:1573567	SSF x Far_LoA	-6,0341263	-0,081	0,319
CHR1	1573570	CHR1:1573570	SSF x Far_LoA	-9,51188499	-0,070	0,296
CHR1	1573724	CHR1:1573724	SSF x Far_LoA	-8,34507092	-0,085	0,308
CHR1	15799540	CHR1:15799540	SSF x Far_LoA	-9,00228005	-0,016	0,307
CHR1	15799588	CHR1:15799588	SSF x Far_LoA	-8,76508595	-0,003	0,318
CHR1	15819625	CHR1:15819625	SSF x Far_LoA	-6,06707757	0,096	0,301
CHR1	15841152	CHR1:15841152	SSF x Far_LoA	-11,0675095	0,097	0,309
CHR1	1586350	CHR1:1586350	SSF x Far_LoA	-9,3961231	0,014	0,312
CHR1	15890217	CHR1:15890217	SSF x Far_LoA	-11,9330225	-0,042	0,308
CHR1	1589448	CHR1:1589448	SSF x Far_LoA	-12,286851	-0,012	0,307
CHR1	1589591	CHR1:1589591	SSF x Far_LoA	-8,5172575	-0,006	0,303
CHR1	15974093	CHR1:15974093	SSF x Far_LoA	-11,5489786	0,087	0,304
CHR1	1597843	CHR1:1597843	SSF x Far_LoA	-9,05460417	0,145	0,296
CHR1	1597967	CHR1:1597967	SSF x Far_LoA	-8,43483751	0,178	0,282
CHR1	1599808	CHR1:1599808	SSF x Far_LoA	-8,75097209	-0,096	0,315
CHR1	1599848	CHR1:1599848	SSF x Far_LoA	-9,06650467	0,028	0,302
CHR1	16014168	CHR1:16014168	SSF x Far_LoA	-8,15149581	-0,067	0,319
CHR1	16101851	CHR1:16101851	SSF x Far_LoA	-6,80213488	-0,157	0,298
CHR1	16101911	CHR1:16101911	SSF x Far_LoA	-11,7725797	0,048	0,298
CHR1	16101920	CHR1:16101920	SSF x Far_LoA	-10,739648	0,069	0,301
CHR1	16101928	CHR1:16101928	SSF x Far_LoA	-12,0467894	0,068	0,307
CHR1	16101941	CHR1:16101941	SSF x Far_LoA	-12,0960233	0,067	0,291
CHR1	16101973	CHR1:16101973	SSF x Far_LoA	-5,04909593	0,097	0,302
CHR1	16101979	CHR1:16101979	SSF x Far_LoA	-10,4766116	0,043	0,313
CHR1	16101992	CHR1:16101992	SSF x Far_LoA	-10,129929	0,073	0,306
CHR1	16101994	CHR1:16101994	SSF x Far_LoA	-8,46558341	0,069	0,319
CHR1	16102016	CHR1:16102016	SSF x Far_LoA	-9,03136238	0,083	0,314
CHR1	16102024	CHR1:16102024	SSF x Far_LoA	-10,6242429	0,060	0,305
CHR1	16102025	CHR1:16102025	SSF x Far_LoA	-11,2864463	0,057	0,299
CHR1	16114003	CHR1:16114003	SSF x Far_LoA	-8,88561257	-0,093	0,304
CHR1	1611873	CHR1:1611873	SSF x Far_LoA	-8,08899046	-0,151	0,294
CHR1	1612135	CHR1:1612135	SSF x Far_LoA	-7,75099332	-0,094	0,311
CHR1	161681	CHR1:161681	SSF x Far_LoA	-9,43517935	-0,090	0,306
CHR1	16198108	CHR1:16198108	SSF x Far_LoA	-10,4962971	0,022	0,298
CHR1	16205588	CHR1:16205588	SSF x Far_LoA	-8,522586	0,039	0,324
CHR1	16205608	CHR1:16205608	SSF x Far_LoA	-8,58250399	-0,013	0,308
CHR1	1622259	CHR1:1622259	SSF x Far_LoA	-11,7356846	-0,035	0,309
CHR1	1622260	CHR1:1622260	SSF x Far_LoA	-11,7093926	-0,002	0,303
CHR1	16271821	CHR1:16271821	SSF x Far_LoA	-8,39138511	-0,062	0,307
CHR1	16297637	CHR1:16297637	SSF x Far_LoA	-10,7070381	0,039	0,310
CHR1	16297720	CHR1:16297720	SSF x Far_LoA	-10,4040613	-0,015	0,315
CHR1	16309618	CHR1:16309618	SSF x Far_LoA	-8,55032339	-0,055	0,320
CHR1	16311262	CHR1:16311262	SSF x Far_LoA	-1,98725933	0,112	0,302
CHR1	16311499	CHR1:16311499	SSF x Far_LoA	-7,52931919	-0,149	0,290
CHR1	16311514	CHR1:16311514	SSF x Far_LoA	-8,76794791	-0,020	0,301
CHR1	16321707	CHR1:16321707	SSF x Far_LoA	-8,75740695	-0,044	0,313
CHR1	16322175	CHR1:16322175	SSF x Far_LoA	-7,66874583	-0,120	0,301
CHR1	16332924	CHR1:16332924	SSF x Far_LoA	-8,80780648	-0,054	0,314
CHR1	16332982	CHR1:16332982	SSF x Far_LoA	-9,07263143	-0,011	0,304

CHR1	16352784	CHR1:16352784	SSF x Far_LoA	-9,3718221	0,001	0,306
CHR1	16352966	CHR1:16352966	SSF x Far_LoA	-10,6100155	-0,064	0,313
CHR1	16375545	CHR1:16375545	SSF x Far_LoA	-9,97110647	-0,022	0,307
CHR1	16375566	CHR1:16375566	SSF x Far_LoA	-10,9246703	-0,094	0,302
CHR1	16375579	CHR1:16375579	SSF x Far_LoA	-10,5770784	-0,102	0,301
CHR1	16375603	CHR1:16375603	SSF x Far_LoA	-8,70484441	0,007	0,315
CHR1	16375668	CHR1:16375668	SSF x Far_LoA	-8,76467022	0,131	0,303
CHR1	16382819	CHR1:16382819	SSF x Far_LoA	-8,17663809	0,071	0,322
CHR1	16388591	CHR1:16388591	SSF x Far_LoA	-9,77785634	0,015	0,314
CHR1	16388755	CHR1:16388755	SSF x Far_LoA	-6,40625831	-0,102	0,318
CHR1	1639010	CHR1:1639010	SSF x Far_LoA	-8,7565925	0,051	0,298
CHR1	1639106	CHR1:1639106	SSF x Far_LoA	-7,45331695	0,181	0,293
CHR1	1639188	CHR1:1639188	SSF x Far_LoA	-9,60693774	-0,056	0,300
CHR1	16396131	CHR1:16396131	SSF x Far_LoA	-8,80960545	0,013	0,319
CHR1	16396182	CHR1:16396182	SSF x Far_LoA	-8,79117887	-0,005	0,317
CHR1	16396207	CHR1:16396207	SSF x Far_LoA	-9,65127722	0,017	0,319
CHR1	16396248	CHR1:16396248	SSF x Far_LoA	-9,28180673	-0,013	0,295
CHR1	16417202	CHR1:16417202	SSF x Far_LoA	-12,4331342	-0,041	0,314
CHR1	16417220	CHR1:16417220	SSF x Far_LoA	-9,50048787	-0,078	0,312
CHR1	16417295	CHR1:16417295	SSF x Far_LoA	-10,5961685	-0,068	0,313
CHR1	16417313	CHR1:16417313	SSF x Far_LoA	-8,49586067	-0,060	0,319
CHR1	16417315	CHR1:16417315	SSF x Far_LoA	-9,49759479	-0,069	0,300
CHR1	16417316	CHR1:16417316	SSF x Far_LoA	-9,25466354	-0,068	0,306
CHR1	16417352	CHR1:16417352	SSF x Far_LoA	-10,6183445	-0,065	0,302
CHR1	16417361	CHR1:16417361	SSF x Far_LoA	-10,0909913	-0,066	0,307
CHR1	16417389	CHR1:16417389	SSF x Far_LoA	-8,60953971	-0,075	0,310
CHR1	16417505	CHR1:16417505	SSF x Far_LoA	-9,41945362	-0,013	0,303
CHR1	16417510	CHR1:16417510	SSF x Far_LoA	-8,55483393	-0,064	0,314
CHR1	16417545	CHR1:16417545	SSF x Far_LoA	-10,3628213	-0,033	0,301
CHR1	16417564	CHR1:16417564	SSF x Far_LoA	-8,14674943	-0,047	0,312
CHR1	16417575	CHR1:16417575	SSF x Far_LoA	-9,9430238	0,012	0,317
CHR1	16419266	CHR1:16419266	SSF x Far_LoA	-8,49185388	0,005	0,306
CHR1	16419268	CHR1:16419268	SSF x Far_LoA	-7,02018204	-0,012	0,312
CHR1	16422014	CHR1:16422014	SSF x Far_LoA	-9,77441774	0,007	0,308
CHR1	16422168	CHR1:16422168	SSF x Far_LoA	-7,38962051	0,008	0,315
CHR1	16422212	CHR1:16422212	SSF x Far_LoA	-8,66264374	0,040	0,312
CHR1	16435606	CHR1:16435606	SSF x Far_LoA	-7,31048872	0,062	0,319
CHR1	16435650	CHR1:16435650	SSF x Far_LoA	-7,04163317	0,034	0,314
CHR1	16446067	CHR1:16446067	SSF x Far_LoA	-9,30922649	-0,067	0,313
CHR1	16446178	CHR1:16446178	SSF x Far_LoA	-9,11460668	-0,070	0,296
CHR1	16479527	CHR1:16479527	SSF x Far_LoA	-10,2358412	-0,016	0,304
CHR1	16479541	CHR1:16479541	SSF x Far_LoA	-10,390206	-0,111	0,298
CHR1	16479543	CHR1:16479543	SSF x Far_LoA	-10,6497514	-0,006	0,300
CHR1	16479560	CHR1:16479560	SSF x Far_LoA	1,06452468	0,030	0,306
CHR1	16479590	CHR1:16479590	SSF x Far_LoA	-10,4758002	0,011	0,306
CHR1	16479597	CHR1:16479597	SSF x Far_LoA	-9,22725204	-0,008	0,307
CHR1	16479615	CHR1:16479615	SSF x Far_LoA	-9,54288052	0,006	0,303
CHR1	16479625	CHR1:16479625	SSF x Far_LoA	-10,1160248	0,020	0,304
CHR1	16479637	CHR1:16479637	SSF x Far_LoA	-9,1323994	0,015	0,319
CHR1	16479638	CHR1:16479638	SSF x Far_LoA	-10,028055	-0,093	0,301
CHR1	16492596	CHR1:16492596	SSF x Far_LoA	-7,96991456	0,076	0,301
CHR1	16517131	CHR1:16517131	SSF x Far_LoA	-5,55993651	-0,176	0,296
CHR1	16517263	CHR1:16517263	SSF x Far_LoA	-9,34048292	0,060	0,311

CHR1	1652777	CHR1:1652777	SSF x Far_LoA	-10,840319	0,017	0,302
CHR1	1652794	CHR1:1652794	SSF x Far_LoA	-11,4237085	0,063	0,313
CHR1	16535346	CHR1:16535346	SSF x Far_LoA	-10,0388751	-0,155	0,302
CHR1	16535461	CHR1:16535461	SSF x Far_LoA	-10,61108	-0,134	0,317
CHR1	16535571	CHR1:16535571	SSF x Far_LoA	-9,21874279	0,015	0,311
CHR1	1657336	CHR1:1657336	SSF x Far_LoA	-8,84878004	0,000	0,325
CHR1	16596687	CHR1:16596687	SSF x Far_LoA	-10,8518257	-0,025	0,310
CHR1	16596702	CHR1:16596702	SSF x Far_LoA	-9,15508808	-0,005	0,311
CHR1	16596726	CHR1:16596726	SSF x Far_LoA	-10,7394917	-0,017	0,308
CHR1	16596742	CHR1:16596742	SSF x Far_LoA	-8,13980975	-0,028	0,313
CHR1	16596764	CHR1:16596764	SSF x Far_LoA	-11,2197059	-0,056	0,305
CHR1	16597799	CHR1:16597799	SSF x Far_LoA	-6,84094574	0,048	0,302
CHR1	16597875	CHR1:16597875	SSF x Far_LoA	-11,0680165	-0,022	0,310
CHR1	16597879	CHR1:16597879	SSF x Far_LoA	-11,7668845	-0,028	0,306
CHR1	16615635	CHR1:16615635	SSF x Far_LoA	-10,440256	-0,041	0,319
CHR1	16615681	CHR1:16615681	SSF x Far_LoA	-6,55016433	0,015	0,316
CHR1	16629854	CHR1:16629854	SSF x Far_LoA	-8,30875728	-0,120	0,316
CHR1	16629928	CHR1:16629928	SSF x Far_LoA	-7,1487491	-0,160	0,303
CHR1	16630548	CHR1:16630548	SSF x Far_LoA	-10,9306317	0,065	0,301
CHR1	16633030	CHR1:16633030	SSF x Far_LoA	-9,51787692	-0,105	0,316
CHR1	16644297	CHR1:16644297	SSF x Far_LoA	-9,71695504	-0,132	0,296
CHR1	16652636	CHR1:16652636	SSF x Far_LoA	-10,605561	0,054	0,300
CHR1	1668689	CHR1:1668689	SSF x Far_LoA	-8,32696034	-0,118	0,308
CHR1	16687863	CHR1:16687863	SSF x Far_LoA	-7,08216181	-0,026	0,312
CHR1	16696323	CHR1:16696323	SSF x Far_LoA	-9,28728035	0,072	0,300
CHR1	16700092	CHR1:16700092	SSF x Far_LoA	-10,2258436	0,020	0,302
CHR1	1673134	CHR1:1673134	SSF x Far_LoA	-11,0987178	-0,108	0,299
CHR1	1673257	CHR1:1673257	SSF x Far_LoA	-8,09767666	-0,165	0,299
CHR1	1673278	CHR1:1673278	SSF x Far_LoA	-10,8689522	0,119	0,298
CHR1	1673367	CHR1:1673367	SSF x Far_LoA	-10,8816911	0,058	0,300
CHR1	16734408	CHR1:16734408	SSF x Far_LoA	-7,25486916	0,025	0,311
CHR1	16754	CHR1:16754	SSF x Far_LoA	-6,04017105	0,051	0,316
CHR1	16762152	CHR1:16762152	SSF x Far_LoA	-10,5141607	-0,073	0,299
CHR1	167649	CHR1:167649	SSF x Far_LoA	-9,97496029	-0,055	0,322
CHR1	16771957	CHR1:16771957	SSF x Far_LoA	-8,88155578	-0,039	0,307
CHR1	16777980	CHR1:16777980	SSF x Far_LoA	-8,3923649	-0,121	0,312
CHR1	16782277	CHR1:16782277	SSF x Far_LoA	-9,48963803	0,021	0,301
CHR1	16789911	CHR1:16789911	SSF x Far_LoA	-10,9547415	-0,028	0,307
CHR1	16811567	CHR1:16811567	SSF x Far_LoA	-9,38261168	0,017	0,302
CHR1	16811568	CHR1:16811568	SSF x Far_LoA	-10,0627973	0,056	0,295
CHR1	16811735	CHR1:16811735	SSF x Far_LoA	-8,5505506	-0,066	0,304
CHR1	16811805	CHR1:16811805	SSF x Far_LoA	-8,80404624	0,032	0,315
CHR1	16815802	CHR1:16815802	SSF x Far_LoA	-8,16524595	0,118	0,288
CHR1	16817969	CHR1:16817969	SSF x Far_LoA	-10,9560759	0,054	0,302
CHR1	16818055	CHR1:16818055	SSF x Far_LoA	-8,82951408	0,007	0,310
CHR1	16823392	CHR1:16823392	SSF x Far_LoA	-9,51411022	-0,067	0,301
CHR1	16823478	CHR1:16823478	SSF x Far_LoA	-6,72839087	0,081	0,314
CHR1	16823495	CHR1:16823495	SSF x Far_LoA	-9,4927156	0,048	0,295
CHR1	16843864	CHR1:16843864	SSF x Far_LoA	-11,1832247	0,038	0,304
CHR1	16844831	CHR1:16844831	SSF x Far_LoA	-9,16091685	-0,002	0,313
CHR1	16850307	CHR1:16850307	SSF x Far_LoA	-10,8999261	-0,052	0,305
CHR1	16850353	CHR1:16850353	SSF x Far_LoA	-9,26258383	0,056	0,301
CHR1	16860494	CHR1:16860494	SSF x Far_LoA	-8,35708427	-0,017	0,323

CHR1	16862421	CHR1:16862421	SSF x Far_LoA	-10,2372945	-0,023	0,321
CHR1	16870854	CHR1:16870854	SSF x Far_LoA	-10,469845	-0,103	0,305
CHR1	16880667	CHR1:16880667	SSF x Far_LoA	-8,42597475	-0,092	0,313
CHR1	16882298	CHR1:16882298	SSF x Far_LoA	-6,18558355	0,175	0,294
CHR1	16898822	CHR1:16898822	SSF x Far_LoA	-8,23961934	-0,011	0,301
CHR1	16903695	CHR1:16903695	SSF x Far_LoA	-9,47199114	0,071	0,291
CHR1	16903818	CHR1:16903818	SSF x Far_LoA	-9,19036904	0,003	0,316
CHR1	16927351	CHR1:16927351	SSF x Far_LoA	-10,5855321	0,018	0,308
CHR1	1696495	CHR1:1696495	SSF x Far_LoA	-9,80359653	0,045	0,308
CHR1	16969551	CHR1:16969551	SSF x Far_LoA	-10,053442	-0,108	0,303
CHR1	16969703	CHR1:16969703	SSF x Far_LoA	-8,29284586	-0,125	0,307
CHR1	17002117	CHR1:17002117	SSF x Far_LoA	-7,39577136	0,115	0,309
CHR1	17002266	CHR1:17002266	SSF x Far_LoA	-8,19694534	-0,149	0,306
CHR1	17012587	CHR1:17012587	SSF x Far_LoA	-7,83040059	-0,003	0,305
CHR1	17012596	CHR1:17012596	SSF x Far_LoA	-10,0881468	-0,052	0,304
CHR1	17012686	CHR1:17012686	SSF x Far_LoA	-4,94183456	-0,047	0,302
CHR1	17012737	CHR1:17012737	SSF x Far_LoA	-8,32774515	-0,022	0,317
CHR1	17041728	CHR1:17041728	SSF x Far_LoA	-10,6410827	0,021	0,305
CHR1	17041779	CHR1:17041779	SSF x Far_LoA	-9,25627355	0,031	0,316
CHR1	17044857	CHR1:17044857	SSF x Far_LoA	-8,90153381	-0,029	0,320
CHR1	17053669	CHR1:17053669	SSF x Far_LoA	-9,44246861	0,087	0,302
CHR1	17058484	CHR1:17058484	SSF x Far_LoA	-8,73475665	-0,001	0,310
CHR1	17058518	CHR1:17058518	SSF x Far_LoA	-8,9455825	-0,030	0,311
CHR1	17058533	CHR1:17058533	SSF x Far_LoA	-9,23909749	-0,008	0,300
CHR1	17067578	CHR1:17067578	SSF x Far_LoA	-9,15556812	0,005	0,317
CHR1	17067702	CHR1:17067702	SSF x Far_LoA	-10,0826199	-0,014	0,303
CHR1	17073496	CHR1:17073496	SSF x Far_LoA	-2,42035594	0,259	0,285
CHR1	17073612	CHR1:17073612	SSF x Far_LoA	-6,12500574	-0,091	0,311
CHR1	1707965	CHR1:1707965	SSF x Far_LoA	-7,06049393	-0,181	0,295
CHR1	1708088	CHR1:1708088	SSF x Far_LoA	-10,4178561	-0,009	0,311
CHR1	1708092	CHR1:1708092	SSF x Far_LoA	-9,24457827	-0,022	0,309
CHR1	1708146	CHR1:1708146	SSF x Far_LoA	-10,3520489	-0,054	0,305
CHR1	1708168	CHR1:1708168	SSF x Far_LoA	-8,18652334	0,054	0,303
CHR1	17086597	CHR1:17086597	SSF x Far_LoA	-7,49555885	-0,069	0,300
CHR1	17086598	CHR1:17086598	SSF x Far_LoA	-4,78684585	-0,069	0,299
CHR1	17086711	CHR1:17086711	SSF x Far_LoA	-7,96119398	-0,043	0,310
CHR1	17091059	CHR1:17091059	SSF x Far_LoA	-8,01005265	-0,119	0,294
CHR1	17091187	CHR1:17091187	SSF x Far_LoA	-10,5944488	-0,100	0,306
CHR1	17098543	CHR1:17098543	SSF x Far_LoA	-4,21996363	-0,061	0,316
CHR1	17101531	CHR1:17101531	SSF x Far_LoA	-8,10552607	-0,014	0,325
CHR1	17101578	CHR1:17101578	SSF x Far_LoA	-4,76136095	0,108	0,309
CHR1	17101621	CHR1:17101621	SSF x Far_LoA	-8,75443669	0,025	0,307
CHR1	17101635	CHR1:17101635	SSF x Far_LoA	-7,20512011	0,042	0,317
CHR1	17101638	CHR1:17101638	SSF x Far_LoA	-10,5052766	-0,032	0,307
CHR1	17101697	CHR1:17101697	SSF x Far_LoA	-10,0212684	0,078	0,310
CHR1	17108574	CHR1:17108574	SSF x Far_LoA	-4,08753775	-0,278	0,296
CHR1	17108582	CHR1:17108582	SSF x Far_LoA	-10,5980264	0,044	0,299
CHR1	17108620	CHR1:17108620	SSF x Far_LoA	15,0473215	-0,268	0,281
CHR1	17108637	CHR1:17108637	SSF x Far_LoA	3,12738243	-0,192	0,300
CHR1	17108641	CHR1:17108641	SSF x Far_LoA	-8,90610016	-0,149	0,307
CHR1	17109328	CHR1:17109328	SSF x Far_LoA	-6,76369268	-0,098	0,306
CHR1	1712796	CHR1:1712796	SSF x Far_LoA	-8,39184985	0,009	0,308
CHR1	1712864	CHR1:1712864	SSF x Far_LoA	-10,3795505	0,035	0,320

CHR1	1712962	CHR1:1712962	SSF x Far_LoA	-10,3575866	-0,005	0,322
CHR1	1713012	CHR1:1713012	SSF x Far_LoA	-11,657581	-0,124	0,311
CHR1	17142221	CHR1:17142221	SSF x Far_LoA	-11,0410308	0,080	0,303
CHR1	17143260	CHR1:17143260	SSF x Far_LoA	-6,22210232	0,071	0,307
CHR1	17143275	CHR1:17143275	SSF x Far_LoA	-9,3063606	0,103	0,301
CHR1	17143320	CHR1:17143320	SSF x Far_LoA	-10,1925863	0,030	0,302
CHR1	17143333	CHR1:17143333	SSF x Far_LoA	-11,7852507	-0,030	0,314
CHR1	17143335	CHR1:17143335	SSF x Far_LoA	-7,94153051	-0,150	0,301
CHR1	17143380	CHR1:17143380	SSF x Far_LoA	-9,66280784	-0,138	0,288
CHR1	17171927	CHR1:17171927	SSF x Far_LoA	-8,70802487	-0,026	0,309
CHR1	17172006	CHR1:17172006	SSF x Far_LoA	-9,46345304	0,028	0,300
CHR1	17172007	CHR1:17172007	SSF x Far_LoA	-10,806669	-0,001	0,311
CHR1	17172115	CHR1:17172115	SSF x Far_LoA	-11,2056192	0,016	0,306
CHR1	17172263	CHR1:17172263	SSF x Far_LoA	-11,4142941	-0,008	0,320
CHR1	1717663	CHR1:1717663	SSF x Far_LoA	-10,7487325	-0,117	0,300
CHR1	1717704	CHR1:1717704	SSF x Far_LoA	-11,4958237	0,118	0,296
CHR1	1717720	CHR1:1717720	SSF x Far_LoA	-9,56890015	0,031	0,314
CHR1	1717811	CHR1:1717811	SSF x Far_LoA	-9,05956517	-0,049	0,296
CHR1	17197063	CHR1:17197063	SSF x Far_LoA	-7,7810874	0,022	0,319
CHR1	17197087	CHR1:17197087	SSF x Far_LoA	-10,014986	0,016	0,317
CHR1	17197110	CHR1:17197110	SSF x Far_LoA	-10,3725808	0,003	0,320
CHR1	17197309	CHR1:17197309	SSF x Far_LoA	-10,0457136	-0,003	0,319
CHR1	17199663	CHR1:17199663	SSF x Far_LoA	-7,49426895	-0,067	0,317
CHR1	17199684	CHR1:17199684	SSF x Far_LoA	-9,33516875	0,002	0,310
CHR1	17199686	CHR1:17199686	SSF x Far_LoA	-7,91355533	-0,063	0,300
CHR1	17199735	CHR1:17199735	SSF x Far_LoA	-9,55800258	-0,059	0,300
CHR1	17199764	CHR1:17199764	SSF x Far_LoA	-6,4245833	-0,073	0,297
CHR1	17217082	CHR1:17217082	SSF x Far_LoA	-7,37928441	0,168	0,303
CHR1	17217261	CHR1:17217261	SSF x Far_LoA	-8,29811237	-0,099	0,291
CHR1	17219881	CHR1:17219881	SSF x Far_LoA	-3,65460532	0,230	0,290
CHR1	17219973	CHR1:17219973	SSF x Far_LoA	-8,08603862	-0,062	0,313
CHR1	17225842	CHR1:17225842	SSF x Far_LoA	-9,04799501	-0,017	0,304
CHR1	17225861	CHR1:17225861	SSF x Far_LoA	-7,33908026	-0,042	0,297
CHR1	17230301	CHR1:17230301	SSF x Far_LoA	-7,06124133	0,074	0,323
CHR1	17230611	CHR1:17230611	SSF x Far_LoA	-6,7642661	0,076	0,293
CHR1	17238879	CHR1:17238879	SSF x Far_LoA	-9,71897405	0,026	0,313
CHR1	17240394	CHR1:17240394	SSF x Far_LoA	-3,09447066	-0,121	0,298
CHR1	17240403	CHR1:17240403	SSF x Far_LoA	-5,74141954	-0,093	0,317
CHR1	17249555	CHR1:17249555	SSF x Far_LoA	-7,33628707	-0,073	0,308
CHR1	17249625	CHR1:17249625	SSF x Far_LoA	-7,42454961	-0,107	0,296
CHR1	17249650	CHR1:17249650	SSF x Far_LoA	-5,62687721	-0,077	0,308
CHR1	17249664	CHR1:17249664	SSF x Far_LoA	-10,9924266	-0,023	0,316
CHR1	17249708	CHR1:17249708	SSF x Far_LoA	-8,26723965	0,029	0,313
CHR1	17250707	CHR1:17250707	SSF x Far_LoA	-9,98877607	-0,074	0,294
CHR1	17250720	CHR1:17250720	SSF x Far_LoA	-10,4758455	0,060	0,313
CHR1	17250724	CHR1:17250724	SSF x Far_LoA	-9,44152828	-0,102	0,317
CHR1	17250778	CHR1:17250778	SSF x Far_LoA	-7,72137012	0,148	0,307
CHR1	17250810	CHR1:17250810	SSF x Far_LoA	-9,51159805	0,024	0,305
CHR1	17250825	CHR1:17250825	SSF x Far_LoA	-9,0581261	0,060	0,308
CHR1	17265725	CHR1:17265725	SSF x Far_LoA	-12,3550995	0,033	0,302
CHR1	17265731	CHR1:17265731	SSF x Far_LoA	-12,229449	0,001	0,310
CHR1	17265745	CHR1:17265745	SSF x Far_LoA	-7,76475353	0,174	0,299
CHR1	17265791	CHR1:17265791	SSF x Far_LoA	-10,5356788	0,044	0,295

CHR1	17265806	CHR1:17265806	SSF x Far_LoA	-12,3647855	-0,011	0,309
CHR1	17265823	CHR1:17265823	SSF x Far_LoA	-10,4576721	-0,041	0,312
CHR1	17265868	CHR1:17265868	SSF x Far_LoA	-11,2313304	0,107	0,316
CHR1	17265883	CHR1:17265883	SSF x Far_LoA	-9,89221863	0,091	0,297
CHR1	17265895	CHR1:17265895	SSF x Far_LoA	-12,2852921	0,002	0,300
CHR1	17265909	CHR1:17265909	SSF x Far_LoA	-5,40720348	0,159	0,298
CHR1	17265943	CHR1:17265943	SSF x Far_LoA	-8,82790971	0,026	0,305
CHR1	17265959	CHR1:17265959	SSF x Far_LoA	-12,0980564	0,052	0,301
CHR1	17265986	CHR1:17265986	SSF x Far_LoA	-12,6027332	0,056	0,288
CHR1	17281793	CHR1:17281793	SSF x Far_LoA	-6,33177202	-0,103	0,296
CHR1	17281806	CHR1:17281806	SSF x Far_LoA	-7,86851983	-0,062	0,298
CHR1	17281953	CHR1:17281953	SSF x Far_LoA	-5,82205256	0,080	0,307
CHR1	17281968	CHR1:17281968	SSF x Far_LoA	-9,164032	0,093	0,307
CHR1	17283855	CHR1:17283855	SSF x Far_LoA	-8,59359021	-0,110	0,314
CHR1	17288507	CHR1:17288507	SSF x Far_LoA	-9,84203913	-0,017	0,304
CHR1	17289963	CHR1:17289963	SSF x Far_LoA	-11,5334111	-0,054	0,298
CHR1	17290008	CHR1:17290008	SSF x Far_LoA	-9,35484721	-0,093	0,298
CHR1	17290017	CHR1:17290017	SSF x Far_LoA	-3,17686031	-0,019	0,307
CHR1	17290097	CHR1:17290097	SSF x Far_LoA	-8,23766216	0,091	0,302
CHR1	17290104	CHR1:17290104	SSF x Far_LoA	-8,28239129	-0,003	0,316
CHR1	17290125	CHR1:17290125	SSF x Far_LoA	-9,59412804	-0,016	0,300
CHR1	17299720	CHR1:17299720	SSF x Far_LoA	-8,09450174	-0,085	0,330
CHR1	17300233	CHR1:17300233	SSF x Far_LoA	-7,71905074	-0,068	0,313
CHR1	17300298	CHR1:17300298	SSF x Far_LoA	-11,4697969	-0,007	0,306
CHR1	17300326	CHR1:17300326	SSF x Far_LoA	-5,05930434	0,022	0,312
CHR1	17300327	CHR1:17300327	SSF x Far_LoA	-9,52073116	-0,005	0,295
CHR1	1730798	CHR1:1730798	SSF x Far_LoA	-8,53202324	-0,125	0,303
CHR1	1730819	CHR1:1730819	SSF x Far_LoA	-8,21668867	-0,121	0,295
CHR1	17318314	CHR1:17318314	SSF x Far_LoA	-10,6742093	0,002	0,311
CHR1	17318394	CHR1:17318394	SSF x Far_LoA	-10,2148803	-0,069	0,308
CHR1	17318413	CHR1:17318413	SSF x Far_LoA	-11,21696	-0,086	0,309
CHR1	17318437	CHR1:17318437	SSF x Far_LoA	-10,0244708	-0,009	0,316
CHR1	17318460	CHR1:17318460	SSF x Far_LoA	-7,58628693	-0,137	0,313
CHR1	17318490	CHR1:17318490	SSF x Far_LoA	-11,3206961	0,013	0,309
CHR1	1732856	CHR1:1732856	SSF x Far_LoA	-7,17635279	-0,001	0,319
CHR1	1733033	CHR1:1733033	SSF x Far_LoA	-7,58649352	-0,004	0,310
CHR1	1733077	CHR1:1733077	SSF x Far_LoA	-9,76228878	0,025	0,306
CHR1	17335931	CHR1:17335931	SSF x Far_LoA	-9,84603555	0,071	0,299
CHR1	17347692	CHR1:17347692	SSF x Far_LoA	-10,4342536	-0,080	0,294
CHR1	17347717	CHR1:17347717	SSF x Far_LoA	-11,3716055	-0,030	0,306
CHR1	17347732	CHR1:17347732	SSF x Far_LoA	-8,01917619	0,139	0,297
CHR1	17350877	CHR1:17350877	SSF x Far_LoA	-11,0905815	0,013	0,303
CHR1	17351012	CHR1:17351012	SSF x Far_LoA	-9,2445682	0,003	0,307
CHR1	1735146	CHR1:1735146	SSF x Far_LoA	-9,81916783	-0,010	0,302
CHR1	1735152	CHR1:1735152	SSF x Far_LoA	-10,8421958	0,054	0,312
CHR1	1735232	CHR1:1735232	SSF x Far_LoA	-8,19791884	-0,012	0,319
CHR1	17355484	CHR1:17355484	SSF x Far_LoA	-8,2591234	0,098	0,310
CHR1	17355497	CHR1:17355497	SSF x Far_LoA	-8,84614824	0,118	0,304
CHR1	17355533	CHR1:17355533	SSF x Far_LoA	-6,81483183	-0,134	0,287
CHR1	17355586	CHR1:17355586	SSF x Far_LoA	-2,92060894	0,135	0,299
CHR1	17361726	CHR1:17361726	SSF x Far_LoA	-10,6201768	-0,019	0,303
CHR1	17361865	CHR1:17361865	SSF x Far_LoA	-10,5526555	-0,049	0,300
CHR1	17373343	CHR1:17373343	SSF x Far_LoA	-8,54360034	-0,108	0,293

CHR1	1739164	CHR1:1739164	SSF x Far_LoA	-9,53950588	-0,099	0,311
CHR1	1739174	CHR1:1739174	SSF x Far_LoA	-12,6849347	0,003	0,306
CHR1	1739180	CHR1:1739180	SSF x Far_LoA	-10,7103182	-0,055	0,304
CHR1	17394099	CHR1:17394099	SSF x Far_LoA	-4,59681658	-0,070	0,301
CHR1	17394205	CHR1:17394205	SSF x Far_LoA	-10,4337934	-0,023	0,304
CHR1	17394250	CHR1:17394250	SSF x Far_LoA	-11,0176485	0,023	0,310
CHR1	1739448	CHR1:1739448	SSF x Far_LoA	-8,00917487	-0,024	0,321
CHR1	1739466	CHR1:1739466	SSF x Far_LoA	1,32195044	-0,085	0,322
CHR1	17415427	CHR1:17415427	SSF x Far_LoA	-9,9919739	0,039	0,311
CHR1	17415517	CHR1:17415517	SSF x Far_LoA	-10,5755216	0,040	0,308
CHR1	17415539	CHR1:17415539	SSF x Far_LoA	-8,68679899	0,054	0,286
CHR1	17416128	CHR1:17416128	SSF x Far_LoA	-7,21285613	-0,105	0,314
CHR1	17416135	CHR1:17416135	SSF x Far_LoA	-7,37704699	0,076	0,307
CHR1	17416241	CHR1:17416241	SSF x Far_LoA	-6,82361107	-0,107	0,301
CHR1	17433147	CHR1:17433147	SSF x Far_LoA	-10,4987517	-0,040	0,309
CHR1	17433161	CHR1:17433161	SSF x Far_LoA	-6,64844166	-0,025	0,304
CHR1	17433198	CHR1:17433198	SSF x Far_LoA	-10,636863	0,080	0,302
CHR1	17437973	CHR1:17437973	SSF x Far_LoA	-7,75113126	0,040	0,292
CHR1	17438703	CHR1:17438703	SSF x Far_LoA	-8,35637638	-0,059	0,293
CHR1	17454235	CHR1:17454235	SSF x Far_LoA	-8,79584184	0,023	0,328
CHR1	17454301	CHR1:17454301	SSF x Far_LoA	-9,66217985	0,052	0,297
CHR1	17454437	CHR1:17454437	SSF x Far_LoA	-5,97733666	-0,119	0,306
CHR1	17454511	CHR1:17454511	SSF x Far_LoA	-2,44540026	0,102	0,300
CHR1	174570	CHR1:174570	SSF x Far_LoA	-9,19838626	0,000	0,303
CHR1	17458486	CHR1:17458486	SSF x Far_LoA	-10,3450054	0,002	0,320
CHR1	17458812	CHR1:17458812	SSF x Far_LoA	-8,96867278	-0,040	0,315
CHR1	17463484	CHR1:17463484	SSF x Far_LoA	-8,578511	0,037	0,315
CHR1	17463485	CHR1:17463485	SSF x Far_LoA	-10,259809	0,038	0,305
CHR1	174670	CHR1:174670	SSF x Far_LoA	-10,3647875	-0,005	0,306
CHR1	17468167	CHR1:17468167	SSF x Far_LoA	-11,3334193	-0,054	0,297
CHR1	17468257	CHR1:17468257	SSF x Far_LoA	-10,7357255	-0,073	0,300
CHR1	17468267	CHR1:17468267	SSF x Far_LoA	-10,374464	-0,036	0,301
CHR1	17468277	CHR1:17468277	SSF x Far_LoA	-11,2469392	-0,069	0,313
CHR1	17468287	CHR1:17468287	SSF x Far_LoA	-11,7497596	-0,053	0,298
CHR1	17468299	CHR1:17468299	SSF x Far_LoA	-10,6298112	-0,081	0,299
CHR1	17481909	CHR1:17481909	SSF x Far_LoA	-10,7273316	0,104	0,297
CHR1	17484681	CHR1:17484681	SSF x Far_LoA	-9,60137174	0,014	0,299
CHR1	17484782	CHR1:17484782	SSF x Far_LoA	-10,6049105	-0,087	0,302
CHR1	17487438	CHR1:17487438	SSF x Far_LoA	-7,76273724	0,017	0,325
CHR1	17487469	CHR1:17487469	SSF x Far_LoA	-11,3702187	0,041	0,312
CHR1	17487505	CHR1:17487505	SSF x Far_LoA	-12,2174625	-0,034	0,303
CHR1	17492596	CHR1:17492596	SSF x Far_LoA	-7,31528095	0,000	0,321
CHR1	17492624	CHR1:17492624	SSF x Far_LoA	-1,15142334	-0,110	0,307
CHR1	17492648	CHR1:17492648	SSF x Far_LoA	-9,69661228	-0,093	0,297
CHR1	17492691	CHR1:17492691	SSF x Far_LoA	-8,33202238	0,036	0,305
CHR1	17523620	CHR1:17523620	SSF x Far_LoA	-9,29627371	-0,002	0,321
CHR1	17523644	CHR1:17523644	SSF x Far_LoA	-9,66862579	-0,081	0,319
CHR1	17523646	CHR1:17523646	SSF x Far_LoA	-12,1616666	-0,069	0,292
CHR1	17526751	CHR1:17526751	SSF x Far_LoA	-5,57882783	0,198	0,298
CHR1	17529845	CHR1:17529845	SSF x Far_LoA	-6,37698649	-0,036	0,306
CHR1	17532637	CHR1:17532637	SSF x Far_LoA	-9,12919094	0,081	0,295
CHR1	1753275	CHR1:1753275	SSF x Far_LoA	-8,34289893	0,039	0,288
CHR1	17532754	CHR1:17532754	SSF x Far_LoA	-11,1000878	0,049	0,299

CHR1	1753354	CHR1:1753354	SSF x Far_LoA	-8,89495377	0,059	0,311
CHR1	17536038	CHR1:17536038	SSF x Far_LoA	-7,37798839	0,138	0,304
CHR1	17536106	CHR1:17536106	SSF x Far_LoA	-8,28320788	0,070	0,318
CHR1	17536160	CHR1:17536160	SSF x Far_LoA	-8,53494407	0,106	0,305
CHR1	17536190	CHR1:17536190	SSF x Far_LoA	-8,31796753	-0,115	0,310
CHR1	17536201	CHR1:17536201	SSF x Far_LoA	-7,0469379	-0,103	0,319
CHR1	17536208	CHR1:17536208	SSF x Far_LoA	-5,24227562	-0,159	0,307
CHR1	17536225	CHR1:17536225	SSF x Far_LoA	-5,33377148	-0,178	0,299
CHR1	17538551	CHR1:17538551	SSF x Far_LoA	-7,19153281	0,098	0,316
CHR1	1754989	CHR1:1754989	SSF x Far_LoA	-9,00473884	0,161	0,295
CHR1	17551392	CHR1:17551392	SSF x Far_LoA	-1,88965858	0,055	0,313
CHR1	17551412	CHR1:17551412	SSF x Far_LoA	-6,71867478	-0,142	0,296
CHR1	17551423	CHR1:17551423	SSF x Far_LoA	-8,67823177	0,126	0,302
CHR1	1756101	CHR1:1756101	SSF x Far_LoA	-8,57199689	0,054	0,298
CHR1	1756118	CHR1:1756118	SSF x Far_LoA	-11,1398695	-0,021	0,312
CHR1	1756131	CHR1:1756131	SSF x Far_LoA	-11,0874011	-0,034	0,319
CHR1	1756135	CHR1:1756135	SSF x Far_LoA	-6,52394937	-0,065	0,311
CHR1	1756189	CHR1:1756189	SSF x Far_LoA	-11,3910861	0,024	0,309
CHR1	17565252	CHR1:17565252	SSF x Far_LoA	-9,85521588	0,043	0,310
CHR1	17570823	CHR1:17570823	SSF x Far_LoA	-10,9876846	0,012	0,317
CHR1	17576131	CHR1:17576131	SSF x Far_LoA	-8,407116	0,089	0,318
CHR1	17585320	CHR1:17585320	SSF x Far_LoA	-8,4320216	0,121	0,308
CHR1	17586318	CHR1:17586318	SSF x Far_LoA	-7,72889435	0,051	0,321
CHR1	17593245	CHR1:17593245	SSF x Far_LoA	-10,6397529	-0,046	0,316
CHR1	17597627	CHR1:17597627	SSF x Far_LoA	-1,52942047	0,141	0,305
CHR1	17600766	CHR1:17600766	SSF x Far_LoA	-7,84961599	0,104	0,309
CHR1	17600907	CHR1:17600907	SSF x Far_LoA	-12,4035719	0,000	0,304
CHR1	17612348	CHR1:17612348	SSF x Far_LoA	-10,0836095	0,073	0,302
CHR1	17616933	CHR1:17616933	SSF x Far_LoA	-7,08165153	-0,145	0,301
CHR1	17617575	CHR1:17617575	SSF x Far_LoA	-10,0326739	-0,131	0,307
CHR1	17629057	CHR1:17629057	SSF x Far_LoA	-9,05222473	-0,043	0,301
CHR1	17629062	CHR1:17629062	SSF x Far_LoA	-10,5648307	-0,054	0,288
CHR1	17629086	CHR1:17629086	SSF x Far_LoA	-5,31648487	-0,102	0,299
CHR1	17629140	CHR1:17629140	SSF x Far_LoA	-12,3456425	0,017	0,303
CHR1	17629150	CHR1:17629150	SSF x Far_LoA	-9,44157814	0,070	0,301
CHR1	17629188	CHR1:17629188	SSF x Far_LoA	-9,36407268	0,035	0,304
CHR1	17629191	CHR1:17629191	SSF x Far_LoA	-8,51707587	-0,118	0,300
CHR1	17634573	CHR1:17634573	SSF x Far_LoA	-7,49177002	-0,197	0,302
CHR1	17634654	CHR1:17634654	SSF x Far_LoA	-11,6920517	0,037	0,299
CHR1	17636491	CHR1:17636491	SSF x Far_LoA	-10,317381	0,022	0,316
CHR1	17655961	CHR1:17655961	SSF x Far_LoA	-12,1151368	0,088	0,298
CHR1	17656106	CHR1:17656106	SSF x Far_LoA	-11,5246984	0,044	0,304
CHR1	17657073	CHR1:17657073	SSF x Far_LoA	-11,1025869	-0,120	0,309
CHR1	17657153	CHR1:17657153	SSF x Far_LoA	-9,51105992	0,054	0,306
CHR1	17666055	CHR1:17666055	SSF x Far_LoA	-9,6922305	-0,048	0,308
CHR1	17666059	CHR1:17666059	SSF x Far_LoA	-9,20346924	-0,061	0,311
CHR1	17666088	CHR1:17666088	SSF x Far_LoA	-8,20620438	0,065	0,300
CHR1	17675701	CHR1:17675701	SSF x Far_LoA	-6,43346884	0,102	0,306
CHR1	17675736	CHR1:17675736	SSF x Far_LoA	-9,43631844	0,127	0,287
CHR1	17707149	CHR1:17707149	SSF x Far_LoA	-12,3928642	-0,034	0,291
CHR1	17707420	CHR1:17707420	SSF x Far_LoA	-10,3382484	-0,066	0,289
CHR1	17721376	CHR1:17721376	SSF x Far_LoA	-11,3337525	0,084	0,305
CHR1	17721415	CHR1:17721415	SSF x Far_LoA	-9,96702297	-0,020	0,311

CHR1	17721932	CHR1:17721932	SSF x Far_LoA	-10,1312408	0,030	0,307
CHR1	17746868	CHR1:17746868	SSF x Far_LoA	-10,8120348	-0,020	0,300
CHR1	17746888	CHR1:17746888	SSF x Far_LoA	-9,81146683	0,005	0,305
CHR1	17751231	CHR1:17751231	SSF x Far_LoA	-8,58880505	0,036	0,307
CHR1	1775807	CHR1:1775807	SSF x Far_LoA	-10,1730697	-0,002	0,303
CHR1	1775998	CHR1:1775998	SSF x Far_LoA	-9,95398951	-0,093	0,296
CHR1	17767081	CHR1:17767081	SSF x Far_LoA	-11,1428232	-0,012	0,303
CHR1	17767315	CHR1:17767315	SSF x Far_LoA	-10,7490715	-0,052	0,308
CHR1	17767328	CHR1:17767328	SSF x Far_LoA	-9,63515461	0,039	0,298
CHR1	17767344	CHR1:17767344	SSF x Far_LoA	-11,0282832	-0,042	0,304
CHR1	17767399	CHR1:17767399	SSF x Far_LoA	-8,69769792	0,010	0,307
CHR1	17773922	CHR1:17773922	SSF x Far_LoA	-10,5467797	0,017	0,300
CHR1	1777467	CHR1:1777467	SSF x Far_LoA	-10,405995	-0,059	0,300
CHR1	1777510	CHR1:1777510	SSF x Far_LoA	-9,75078278	-0,003	0,302
CHR1	1777707	CHR1:1777707	SSF x Far_LoA	-9,69790524	0,043	0,302
CHR1	1777756	CHR1:1777756	SSF x Far_LoA	-10,9019029	0,016	0,303
CHR1	1777762	CHR1:1777762	SSF x Far_LoA	-8,73994298	-0,098	0,301
CHR1	17782511	CHR1:17782511	SSF x Far_LoA	-7,83421377	-0,130	0,302
CHR1	17782540	CHR1:17782540	SSF x Far_LoA	-8,17083626	-0,008	0,314
CHR1	17782591	CHR1:17782591	SSF x Far_LoA	-9,48579262	0,027	0,299
CHR1	17785242	CHR1:17785242	SSF x Far_LoA	-11,6139159	0,020	0,309
CHR1	17804811	CHR1:17804811	SSF x Far_LoA	-9,11709001	0,003	0,321
CHR1	17804870	CHR1:17804870	SSF x Far_LoA	-11,3544772	0,031	0,292
CHR1	17804916	CHR1:17804916	SSF x Far_LoA	-10,5681959	-0,030	0,304
CHR1	17804950	CHR1:17804950	SSF x Far_LoA	-10,5339405	0,029	0,294
CHR1	17805013	CHR1:17805013	SSF x Far_LoA	-10,5469503	-0,101	0,316
CHR1	17805040	CHR1:17805040	SSF x Far_LoA	-10,0515513	0,029	0,306
CHR1	17807126	CHR1:17807126	SSF x Far_LoA	-9,810189	0,027	0,305
CHR1	17808852	CHR1:17808852	SSF x Far_LoA	-10,4728191	-0,032	0,310
CHR1	17810503	CHR1:17810503	SSF x Far_LoA	-9,7017087	-0,097	0,318
CHR1	17820075	CHR1:17820075	SSF x Far_LoA	-10,4301856	0,002	0,303
CHR1	17822739	CHR1:17822739	SSF x Far_LoA	-11,6288805	-0,098	0,310
CHR1	17823157	CHR1:17823157	SSF x Far_LoA	-10,9387051	0,061	0,313
CHR1	17828939	CHR1:17828939	SSF x Far_LoA	-10,6826091	0,032	0,306
CHR1	17828973	CHR1:17828973	SSF x Far_LoA	-8,39110763	-0,100	0,288
CHR1	17828993	CHR1:17828993	SSF x Far_LoA	-9,94631028	-0,005	0,306
CHR1	17829004	CHR1:17829004	SSF x Far_LoA	-7,97214353	0,151	0,301
CHR1	17829035	CHR1:17829035	SSF x Far_LoA	-8,47749088	-0,132	0,304
CHR1	1783551	CHR1:1783551	SSF x Far_LoA	-8,48880139	0,065	0,301
CHR1	1783701	CHR1:1783701	SSF x Far_LoA	-2,34085611	0,160	0,297
CHR1	1783710	CHR1:1783710	SSF x Far_LoA	-8,36749193	0,101	0,295
CHR1	17839841	CHR1:17839841	SSF x Far_LoA	-10,530273	0,063	0,314
CHR1	17845948	CHR1:17845948	SSF x Far_LoA	-8,67214467	0,196	0,288
CHR1	17845986	CHR1:17845986	SSF x Far_LoA	-9,75273175	-0,123	0,310
CHR1	17845989	CHR1:17845989	SSF x Far_LoA	-8,6172267	0,205	0,292
CHR1	17846041	CHR1:17846041	SSF x Far_LoA	-9,26592298	-0,029	0,309
CHR1	17846072	CHR1:17846072	SSF x Far_LoA	-9,61335943	0,029	0,308
CHR1	17863731	CHR1:17863731	SSF x Far_LoA	-8,1042404	-0,099	0,312
CHR1	17863823	CHR1:17863823	SSF x Far_LoA	-11,301591	0,006	0,322
CHR1	17863860	CHR1:17863860	SSF x Far_LoA	-5,88291364	0,057	0,310
CHR1	17863944	CHR1:17863944	SSF x Far_LoA	-8,88101532	-0,059	0,312
CHR1	17863961	CHR1:17863961	SSF x Far_LoA	-8,99307886	-0,132	0,297
CHR1	17863994	CHR1:17863994	SSF x Far_LoA	-8,8139548	-0,105	0,299

CHR1	17880648	CHR1:17880648	SSF x Far_LoA	-10,6386147	-0,043	0,306
CHR1	17880660	CHR1:17880660	SSF x Far_LoA	-9,09988984	0,068	0,303
CHR1	17880724	CHR1:17880724	SSF x Far_LoA	-9,93662243	-0,077	0,305
CHR1	1788115	CHR1:1788115	SSF x Far_LoA	-11,0865459	0,036	0,301
CHR1	1788237	CHR1:1788237	SSF x Far_LoA	-5,92822232	0,152	0,290
CHR1	17883372	CHR1:17883372	SSF x Far_LoA	-9,6569156	0,056	0,303
CHR1	17891779	CHR1:17891779	SSF x Far_LoA	-11,0395308	-0,033	0,300
CHR1	17892729	CHR1:17892729	SSF x Far_LoA	-9,73166241	0,022	0,306
CHR1	17892946	CHR1:17892946	SSF x Far_LoA	-13,0302933	-0,061	0,300
CHR1	1791368	CHR1:1791368	SSF x Far_LoA	-10,7255054	0,075	0,306
CHR1	1792486	CHR1:1792486	SSF x Far_LoA	-8,87446974	0,039	0,296
CHR1	1792503	CHR1:1792503	SSF x Far_LoA	-10,4544971	0,043	0,298
CHR1	1792573	CHR1:1792573	SSF x Far_LoA	-11,6754478	-0,044	0,304
CHR1	1792674	CHR1:1792674	SSF x Far_LoA	-10,5744878	-0,077	0,311
CHR1	17937791	CHR1:17937791	SSF x Far_LoA	-7,8838115	0,081	0,305
CHR1	17937797	CHR1:17937797	SSF x Far_LoA	-10,2157216	-0,034	0,312
CHR1	17937846	CHR1:17937846	SSF x Far_LoA	-8,36449829	0,120	0,300
CHR1	17941726	CHR1:17941726	SSF x Far_LoA	-9,52992786	0,014	0,307
CHR1	17941828	CHR1:17941828	SSF x Far_LoA	-9,70615382	-0,041	0,292
CHR1	17941892	CHR1:17941892	SSF x Far_LoA	-10,8933493	0,023	0,320
CHR1	17941917	CHR1:17941917	SSF x Far_LoA	-10,1931852	0,020	0,306
CHR1	17941936	CHR1:17941936	SSF x Far_LoA	-10,0308899	0,056	0,298
CHR1	17941948	CHR1:17941948	SSF x Far_LoA	-11,2859824	-0,069	0,284
CHR1	17941951	CHR1:17941951	SSF x Far_LoA	-10,7602442	-0,061	0,296
CHR1	17941952	CHR1:17941952	SSF x Far_LoA	-5,29841731	0,259	0,285
CHR1	17941958	CHR1:17941958	SSF x Far_LoA	-11,7165124	-0,016	0,305
CHR1	17941970	CHR1:17941970	SSF x Far_LoA	-11,1535985	-0,027	0,318
CHR1	17944539	CHR1:17944539	SSF x Far_LoA	-4,28333576	-0,020	0,317
CHR1	17944728	CHR1:17944728	SSF x Far_LoA	-8,2027857	-0,030	0,294
CHR1	17944729	CHR1:17944729	SSF x Far_LoA	-9,05762157	-0,013	0,312
CHR1	17950039	CHR1:17950039	SSF x Far_LoA	-8,90740492	-0,074	0,309
CHR1	17950326	CHR1:17950326	SSF x Far_LoA	-8,62031013	0,043	0,296
CHR1	17950366	CHR1:17950366	SSF x Far_LoA	-9,51093153	0,024	0,295
CHR1	1796468	CHR1:1796468	SSF x Far_LoA	-8,73055882	0,052	0,303
CHR1	1796472	CHR1:1796472	SSF x Far_LoA	-6,6651067	-0,128	0,311
CHR1	17967266	CHR1:17967266	SSF x Far_LoA	-12,2055748	0,003	0,303
CHR1	17967307	CHR1:17967307	SSF x Far_LoA	0,40974017	0,064	0,316
CHR1	17967308	CHR1:17967308	SSF x Far_LoA	-9,11043966	-0,162	0,294
CHR1	17967392	CHR1:17967392	SSF x Far_LoA	-11,2134804	0,026	0,312
CHR1	17967396	CHR1:17967396	SSF x Far_LoA	-8,26016623	-0,114	0,299
CHR1	17970314	CHR1:17970314	SSF x Far_LoA	-8,11775596	0,029	0,329
CHR1	17979453	CHR1:17979453	SSF x Far_LoA	-8,26416625	-0,024	0,311
CHR1	17979542	CHR1:17979542	SSF x Far_LoA	-11,3418019	0,053	0,294
CHR1	17979633	CHR1:17979633	SSF x Far_LoA	-12,5287266	-0,005	0,301
CHR1	17982264	CHR1:17982264	SSF x Far_LoA	-8,47711504	-0,054	0,301
CHR1	17982287	CHR1:17982287	SSF x Far_LoA	-9,45165847	-0,087	0,318
CHR1	17982350	CHR1:17982350	SSF x Far_LoA	-9,74920949	-0,066	0,308
CHR1	17982358	CHR1:17982358	SSF x Far_LoA	-9,56637719	0,025	0,303
CHR1	17983234	CHR1:17983234	SSF x Far_LoA	-12,5189796	-0,025	0,307
CHR1	18004482	CHR1:18004482	SSF x Far_LoA	-8,59029634	0,045	0,308
CHR1	18004984	CHR1:18004984	SSF x Far_LoA	-10,3582721	-0,033	0,318
CHR1	18005024	CHR1:18005024	SSF x Far_LoA	-7,52365672	-0,063	0,316
CHR1	18010004	CHR1:18010004	SSF x Far_LoA	-6,79264952	-0,154	0,296

CHR1	18010092	CHR1:18010092	SSF x Far_LoA	-7,59835675	0,049	0,305
CHR1	18010153	CHR1:18010153	SSF x Far_LoA	-8,87482072	0,076	0,293
CHR1	18012706	CHR1:18012706	SSF x Far_LoA	-9,31168079	0,060	0,304
CHR1	18012734	CHR1:18012734	SSF x Far_LoA	-7,67506928	-0,121	0,300
CHR1	18014796	CHR1:18014796	SSF x Far_LoA	-8,82875203	0,001	0,317
CHR1	18014832	CHR1:18014832	SSF x Far_LoA	-11,1621226	0,018	0,312
CHR1	18020096	CHR1:18020096	SSF x Far_LoA	-8,69875138	0,037	0,306
CHR1	1802486	CHR1:1802486	SSF x Far_LoA	-7,99652503	0,091	0,307
CHR1	1802545	CHR1:1802545	SSF x Far_LoA	-8,31909273	-0,024	0,318
CHR1	1802555	CHR1:1802555	SSF x Far_LoA	-7,84843994	-0,055	0,316
CHR1	1802651	CHR1:1802651	SSF x Far_LoA	-12,4409544	-0,033	0,298
CHR1	18026822	CHR1:18026822	SSF x Far_LoA	-9,33538355	-0,048	0,308
CHR1	18026826	CHR1:18026826	SSF x Far_LoA	-9,71571837	0,081	0,295
CHR1	18026833	CHR1:18026833	SSF x Far_LoA	-7,88597063	0,016	0,297
CHR1	18027638	CHR1:18027638	SSF x Far_LoA	-9,10719624	-0,039	0,313
CHR1	18027677	CHR1:18027677	SSF x Far_LoA	-10,573923	0,112	0,286
CHR1	18031305	CHR1:18031305	SSF x Far_LoA	-8,39581069	0,087	0,313
CHR1	18031465	CHR1:18031465	SSF x Far_LoA	-7,35387223	0,078	0,318
CHR1	18038962	CHR1:18038962	SSF x Far_LoA	-10,2007285	-0,109	0,300
CHR1	18039025	CHR1:18039025	SSF x Far_LoA	-8,9701244	0,025	0,320
CHR1	18039033	CHR1:18039033	SSF x Far_LoA	-6,70094845	-0,003	0,317
CHR1	18039036	CHR1:18039036	SSF x Far_LoA	-9,94350538	-0,081	0,307
CHR1	18039044	CHR1:18039044	SSF x Far_LoA	-10,0605426	-0,068	0,317
CHR1	18039049	CHR1:18039049	SSF x Far_LoA	-11,6805206	0,032	0,312
CHR1	18039053	CHR1:18039053	SSF x Far_LoA	-7,19710294	0,002	0,296
CHR1	18039129	CHR1:18039129	SSF x Far_LoA	-8,15949116	-0,065	0,311
CHR1	18040245	CHR1:18040245	SSF x Far_LoA	-10,0083602	0,015	0,315
CHR1	18040297	CHR1:18040297	SSF x Far_LoA	-10,9156019	0,007	0,304
CHR1	18045095	CHR1:18045095	SSF x Far_LoA	-9,5381524	0,056	0,313
CHR1	18045108	CHR1:18045108	SSF x Far_LoA	-8,55148222	0,027	0,297
CHR1	18049948	CHR1:18049948	SSF x Far_LoA	-9,93158996	0,027	0,316
CHR1	18049952	CHR1:18049952	SSF x Far_LoA	-8,9852194	0,074	0,308
CHR1	18050033	CHR1:18050033	SSF x Far_LoA	-9,19651105	0,083	0,318
CHR1	18050046	CHR1:18050046	SSF x Far_LoA	-6,72562767	0,159	0,285
CHR1	18050250	CHR1:18050250	SSF x Far_LoA	-11,7090916	-0,021	0,300
CHR1	18060189	CHR1:18060189	SSF x Far_LoA	-9,72140313	0,066	0,297
CHR1	18060204	CHR1:18060204	SSF x Far_LoA	-7,29915754	0,142	0,307
CHR1	18060267	CHR1:18060267	SSF x Far_LoA	-12,0802234	0,090	0,290
CHR1	18061794	CHR1:18061794	SSF x Far_LoA	-8,98322583	0,019	0,326
CHR1	18068942	CHR1:18068942	SSF x Far_LoA	-9,00874249	0,031	0,299
CHR1	18068957	CHR1:18068957	SSF x Far_LoA	-9,33996803	0,135	0,300
CHR1	18069049	CHR1:18069049	SSF x Far_LoA	-10,6374101	0,105	0,295
CHR1	18069088	CHR1:18069088	SSF x Far_LoA	-6,57844673	0,212	0,274
CHR1	18069118	CHR1:18069118	SSF x Far_LoA	-3,93980457	0,194	0,286
CHR1	18069207	CHR1:18069207	SSF x Far_LoA	-10,7969355	0,083	0,299
CHR1	18082551	CHR1:18082551	SSF x Far_LoA	-10,5846322	-0,011	0,308
CHR1	18082552	CHR1:18082552	SSF x Far_LoA	-9,73925393	0,000	0,324
CHR1	18103590	CHR1:18103590	SSF x Far_LoA	-11,0966173	0,019	0,318
CHR1	18108285	CHR1:18108285	SSF x Far_LoA	-8,75100136	0,150	0,298
CHR1	18108292	CHR1:18108292	SSF x Far_LoA	-5,87380859	0,108	0,305
CHR1	18108303	CHR1:18108303	SSF x Far_LoA	-6,99500127	0,134	0,299
CHR1	18108375	CHR1:18108375	SSF x Far_LoA	-7,30315498	0,117	0,291
CHR1	18109335	CHR1:18109335	SSF x Far_LoA	-8,98626874	-0,032	0,309

CHR1	18109407	CHR1:18109407	SSF x Far_LoA	-10,3212324	-0,110	0,297
CHR1	18112244	CHR1:18112244	SSF x Far_LoA	-8,33277855	-0,087	0,309
CHR1	18112273	CHR1:18112273	SSF x Far_LoA	-5,2672682	-0,160	0,304
CHR1	18112289	CHR1:18112289	SSF x Far_LoA	-9,94318326	-0,013	0,306
CHR1	18112402	CHR1:18112402	SSF x Far_LoA	-10,8752264	-0,008	0,310
CHR1	18112487	CHR1:18112487	SSF x Far_LoA	-6,65818834	-0,148	0,299
CHR1	18117128	CHR1:18117128	SSF x Far_LoA	-10,4208439	-0,036	0,301
CHR1	18117164	CHR1:18117164	SSF x Far_LoA	-11,4431701	-0,048	0,300
CHR1	18120822	CHR1:18120822	SSF x Far_LoA	-6,42073603	-0,071	0,303
CHR1	18120850	CHR1:18120850	SSF x Far_LoA	-12,4665885	-0,044	0,303
CHR1	18120974	CHR1:18120974	SSF x Far_LoA	-10,5096374	0,098	0,309
CHR1	18121002	CHR1:18121002	SSF x Far_LoA	-5,41609497	-0,147	0,300
CHR1	18129108	CHR1:18129108	SSF x Far_LoA	-7,27761917	0,060	0,310
CHR1	18131443	CHR1:18131443	SSF x Far_LoA	-9,313465	0,029	0,308
CHR1	18131588	CHR1:18131588	SSF x Far_LoA	-9,11062881	-0,050	0,301
CHR1	18131609	CHR1:18131609	SSF x Far_LoA	-10,4959925	-0,051	0,294
CHR1	18131617	CHR1:18131617	SSF x Far_LoA	-10,9001272	0,069	0,300
CHR1	18131628	CHR1:18131628	SSF x Far_LoA	-9,08244178	-0,076	0,315
CHR1	18135114	CHR1:18135114	SSF x Far_LoA	-12,0794367	0,011	0,303
CHR1	18145786	CHR1:18145786	SSF x Far_LoA	-9,46509947	0,030	0,317
CHR1	18147070	CHR1:18147070	SSF x Far_LoA	-7,08705321	0,106	0,298
CHR1	18149302	CHR1:18149302	SSF x Far_LoA	-9,49687846	0,094	0,313
CHR1	18161937	CHR1:18161937	SSF x Far_LoA	-10,2807759	0,005	0,311
CHR1	18164876	CHR1:18164876	SSF x Far_LoA	-5,33682039	0,013	0,297
CHR1	18165344	CHR1:18165344	SSF x Far_LoA	-7,43348266	-0,064	0,311
CHR1	18166865	CHR1:18166865	SSF x Far_LoA	-7,90979866	0,056	0,313
CHR1	18166890	CHR1:18166890	SSF x Far_LoA	-7,56794289	0,082	0,313
CHR1	18166896	CHR1:18166896	SSF x Far_LoA	-9,14432573	0,025	0,308
CHR1	18171944	CHR1:18171944	SSF x Far_LoA	-7,92598819	-0,061	0,320
CHR1	18171959	CHR1:18171959	SSF x Far_LoA	-9,45943424	0,038	0,312
CHR1	18179155	CHR1:18179155	SSF x Far_LoA	-9,55181322	0,007	0,293
CHR1	18182877	CHR1:18182877	SSF x Far_LoA	-8,39223775	0,014	0,304
CHR1	18183054	CHR1:18183054	SSF x Far_LoA	-8,73009476	-0,022	0,305
CHR1	18183070	CHR1:18183070	SSF x Far_LoA	-8,67185969	-0,040	0,308
CHR1	18184510	CHR1:18184510	SSF x Far_LoA	-11,7070932	0,046	0,300
CHR1	1818905	CHR1:1818905	SSF x Far_LoA	-9,73166001	-0,033	0,292
CHR1	1818948	CHR1:1818948	SSF x Far_LoA	-12,1221873	0,004	0,296
CHR1	1818985	CHR1:1818985	SSF x Far_LoA	-9,16945447	0,065	0,319
CHR1	1818991	CHR1:1818991	SSF x Far_LoA	-9,69928674	-0,101	0,303
CHR1	18189934	CHR1:18189934	SSF x Far_LoA	-9,28085115	-0,099	0,300
CHR1	18189959	CHR1:18189959	SSF x Far_LoA	-8,77101377	0,093	0,303
CHR1	18189991	CHR1:18189991	SSF x Far_LoA	-10,2977748	-0,049	0,304
CHR1	18191264	CHR1:18191264	SSF x Far_LoA	-8,75299795	0,178	0,311
CHR1	18202387	CHR1:18202387	SSF x Far_LoA	-11,2644825	-0,043	0,308
CHR1	18210648	CHR1:18210648	SSF x Far_LoA	-6,84872672	-0,085	0,319
CHR1	18213044	CHR1:18213044	SSF x Far_LoA	-11,396325	-0,086	0,290
CHR1	18213153	CHR1:18213153	SSF x Far_LoA	-9,268167	0,106	0,303
CHR1	18218850	CHR1:18218850	SSF x Far_LoA	-9,24989369	-0,148	0,310
CHR1	18218997	CHR1:18218997	SSF x Far_LoA	-5,58552837	0,016	0,319
CHR1	18225898	CHR1:18225898	SSF x Far_LoA	-8,81312776	0,031	0,308
CHR1	18225929	CHR1:18225929	SSF x Far_LoA	-5,99139956	-0,183	0,304
CHR1	18225946	CHR1:18225946	SSF x Far_LoA	-11,0582203	-0,087	0,307
CHR1	18232523	CHR1:18232523	SSF x Far_LoA	-11,1675449	-0,050	0,305

CHR1	18232561	CHR1:18232561	SSF x Far_LoA	-9,84536387	-0,049	0,305
CHR1	18236874	CHR1:18236874	SSF x Far_LoA	-6,66236876	-0,039	0,328
CHR1	18236875	CHR1:18236875	SSF x Far_LoA	-11,0277621	-0,088	0,304
CHR1	18236903	CHR1:18236903	SSF x Far_LoA	-6,87156577	-0,108	0,313
CHR1	18237474	CHR1:18237474	SSF x Far_LoA	-11,310295	0,037	0,298
CHR1	18237492	CHR1:18237492	SSF x Far_LoA	-9,74655402	0,137	0,306
CHR1	18237556	CHR1:18237556	SSF x Far_LoA	-6,12610095	0,105	0,319
CHR1	18253705	CHR1:18253705	SSF x Far_LoA	-8,54780905	0,046	0,313
CHR1	18253713	CHR1:18253713	SSF x Far_LoA	-8,56918468	-0,065	0,315
CHR1	18253818	CHR1:18253818	SSF x Far_LoA	-10,7210421	-0,045	0,317
CHR1	18253872	CHR1:18253872	SSF x Far_LoA	-9,35854945	-0,188	0,304
CHR1	18254854	CHR1:18254854	SSF x Far_LoA	-9,84305833	0,067	0,302
CHR1	18254918	CHR1:18254918	SSF x Far_LoA	-11,8809217	0,024	0,292
CHR1	18254969	CHR1:18254969	SSF x Far_LoA	-6,32188143	-0,040	0,321
CHR1	18255003	CHR1:18255003	SSF x Far_LoA	-7,6117099	-0,127	0,295
CHR1	18255023	CHR1:18255023	SSF x Far_LoA	-10,742748	0,033	0,312
CHR1	18255055	CHR1:18255055	SSF x Far_LoA	-10,4510145	-0,079	0,314
CHR1	18259543	CHR1:18259543	SSF x Far_LoA	-9,51381291	0,015	0,315
CHR1	18259691	CHR1:18259691	SSF x Far_LoA	-11,5091173	-0,038	0,303
CHR1	18259858	CHR1:18259858	SSF x Far_LoA	-9,53596776	0,059	0,302
CHR1	18265219	CHR1:18265219	SSF x Far_LoA	-9,52421082	-0,088	0,312
CHR1	18272053	CHR1:18272053	SSF x Far_LoA	-10,7895887	0,101	0,317
CHR1	18272079	CHR1:18272079	SSF x Far_LoA	-4,59562603	-0,115	0,310
CHR1	18272130	CHR1:18272130	SSF x Far_LoA	-9,14813328	0,066	0,306
CHR1	18272133	CHR1:18272133	SSF x Far_LoA	-9,70858519	0,087	0,301
CHR1	18272144	CHR1:18272144	SSF x Far_LoA	-11,2757708	-0,067	0,316
CHR1	18272199	CHR1:18272199	SSF x Far_LoA	-10,7657734	-0,010	0,312
CHR1	18272272	CHR1:18272272	SSF x Far_LoA	-8,55113344	-0,014	0,316
CHR1	18278725	CHR1:18278725	SSF x Far_LoA	-9,86791907	-0,028	0,310
CHR1	18285188	CHR1:18285188	SSF x Far_LoA	-7,1114684	-0,045	0,309
CHR1	18285280	CHR1:18285280	SSF x Far_LoA	-10,6437535	-0,034	0,298
CHR1	18285282	CHR1:18285282	SSF x Far_LoA	-9,97786457	-0,042	0,327
CHR1	18285284	CHR1:18285284	SSF x Far_LoA	-10,2141844	-0,036	0,306
CHR1	18285304	CHR1:18285304	SSF x Far_LoA	-9,41402707	0,000	0,306
CHR1	18297173	CHR1:18297173	SSF x Far_LoA	-9,24023777	-0,099	0,314
CHR1	18297324	CHR1:18297324	SSF x Far_LoA	-5,54239941	-0,100	0,318
CHR1	18302538	CHR1:18302538	SSF x Far_LoA	-11,2354735	0,039	0,312
CHR1	18304740	CHR1:18304740	SSF x Far_LoA	-11,4954343	0,044	0,316
CHR1	18319682	CHR1:18319682	SSF x Far_LoA	-7,61959434	-0,097	0,311
CHR1	18319765	CHR1:18319765	SSF x Far_LoA	-7,96420046	0,082	0,302
CHR1	18319841	CHR1:18319841	SSF x Far_LoA	-10,2898208	0,069	0,306
CHR1	18338566	CHR1:18338566	SSF x Far_LoA	-8,65850748	-0,090	0,301
CHR1	18338583	CHR1:18338583	SSF x Far_LoA	-8,46321435	0,130	0,295
CHR1	18338584	CHR1:18338584	SSF x Far_LoA	-11,2279352	-0,019	0,311
CHR1	18338589	CHR1:18338589	SSF x Far_LoA	-10,6406793	0,021	0,316
CHR1	18338619	CHR1:18338619	SSF x Far_LoA	-8,96425925	0,168	0,303
CHR1	18338713	CHR1:18338713	SSF x Far_LoA	-9,06661728	-0,004	0,315
CHR1	18340838	CHR1:18340838	SSF x Far_LoA	-7,93760391	0,127	0,304
CHR1	18340890	CHR1:18340890	SSF x Far_LoA	-9,1495984	-0,108	0,304
CHR1	18340937	CHR1:18340937	SSF x Far_LoA	-7,21455278	-0,083	0,316
CHR1	18340938	CHR1:18340938	SSF x Far_LoA	-9,7327813	-0,021	0,303
CHR1	18341003	CHR1:18341003	SSF x Far_LoA	-9,03713285	-0,007	0,324
CHR1	183454	CHR1:183454	SSF x Far_LoA	-8,67654584	-0,008	0,313

CHR1	18345470	CHR1:18345470	SSF x Far_LoA	-9,25518285	-0,040	0,313
CHR1	18345518	CHR1:18345518	SSF x Far_LoA	-8,64362092	-0,054	0,309
CHR1	183457	CHR1:183457	SSF x Far_LoA	-9,98862972	-0,096	0,294
CHR1	18350093	CHR1:18350093	SSF x Far_LoA	-8,71311933	0,003	0,320
CHR1	18350094	CHR1:18350094	SSF x Far_LoA	-0,97453849	0,019	0,308
CHR1	18350119	CHR1:18350119	SSF x Far_LoA	-9,69350917	-0,009	0,303
CHR1	18350125	CHR1:18350125	SSF x Far_LoA	-7,7639233	0,121	0,319
CHR1	18350131	CHR1:18350131	SSF x Far_LoA	-11,2663974	0,043	0,303
CHR1	18366378	CHR1:18366378	SSF x Far_LoA	-8,91867894	-0,124	0,307
CHR1	18366523	CHR1:18366523	SSF x Far_LoA	-11,4190457	-0,107	0,303
CHR1	18377819	CHR1:18377819	SSF x Far_LoA	-10,6365851	0,016	0,318
CHR1	18377885	CHR1:18377885	SSF x Far_LoA	-8,86524967	0,117	0,309
CHR1	18377898	CHR1:18377898	SSF x Far_LoA	-5,93986904	0,110	0,305
CHR1	18377991	CHR1:18377991	SSF x Far_LoA	-9,11578081	0,004	0,310
CHR1	18378026	CHR1:18378026	SSF x Far_LoA	-6,98808081	-0,124	0,306
CHR1	18378054	CHR1:18378054	SSF x Far_LoA	-8,69058301	-0,136	0,313
CHR1	18383201	CHR1:18383201	SSF x Far_LoA	-10,2578724	-0,081	0,314
CHR1	18392541	CHR1:18392541	SSF x Far_LoA	-7,40989334	-0,086	0,318
CHR1	18392553	CHR1:18392553	SSF x Far_LoA	-5,02206407	0,145	0,298
CHR1	18392561	CHR1:18392561	SSF x Far_LoA	-10,5459487	0,038	0,310
CHR1	18392580	CHR1:18392580	SSF x Far_LoA	-7,43581787	-0,148	0,289
CHR1	18392634	CHR1:18392634	SSF x Far_LoA	-10,1837446	-0,092	0,309
CHR1	18392669	CHR1:18392669	SSF x Far_LoA	-7,92959077	-0,142	0,310
CHR1	18392712	CHR1:18392712	SSF x Far_LoA	-11,1434868	-0,030	0,302
CHR1	18392716	CHR1:18392716	SSF x Far_LoA	-4,36783306	-0,001	0,308
CHR1	18392770	CHR1:18392770	SSF x Far_LoA	-9,78801949	0,022	0,317
CHR1	18394254	CHR1:18394254	SSF x Far_LoA	-9,32594753	-0,031	0,303
CHR1	18416337	CHR1:18416337	SSF x Far_LoA	-10,0315546	-0,094	0,305
CHR1	18416399	CHR1:18416399	SSF x Far_LoA	-9,03025559	-0,054	0,306
CHR1	18416471	CHR1:18416471	SSF x Far_LoA	-10,3542945	-0,049	0,290
CHR1	18421239	CHR1:18421239	SSF x Far_LoA	-9,30530777	0,091	0,300
CHR1	18421271	CHR1:18421271	SSF x Far_LoA	-10,8386321	-0,016	0,299
CHR1	18421318	CHR1:18421318	SSF x Far_LoA	-8,75433105	-0,102	0,316
CHR1	18421336	CHR1:18421336	SSF x Far_LoA	-7,87873767	-0,083	0,296
CHR1	18421341	CHR1:18421341	SSF x Far_LoA	-11,2738955	0,032	0,308
CHR1	18424179	CHR1:18424179	SSF x Far_LoA	-10,6195416	0,127	0,311
CHR1	18438078	CHR1:18438078	SSF x Far_LoA	-10,2960724	-0,040	0,301
CHR1	18438519	CHR1:18438519	SSF x Far_LoA	-8,60573275	-0,115	0,299
CHR1	18441843	CHR1:18441843	SSF x Far_LoA	-5,46992686	0,042	0,301
CHR1	1844294	CHR1:1844294	SSF x Far_LoA	-9,9294752	0,047	0,312
CHR1	1844336	CHR1:1844336	SSF x Far_LoA	-9,08597864	0,022	0,322
CHR1	18452540	CHR1:18452540	SSF x Far_LoA	-8,77248767	-0,022	0,293
CHR1	18452585	CHR1:18452585	SSF x Far_LoA	-9,14216145	-0,035	0,309
CHR1	18459171	CHR1:18459171	SSF x Far_LoA	-8,72623965	-0,013	0,300
CHR1	18459187	CHR1:18459187	SSF x Far_LoA	-10,9707394	-0,024	0,315
CHR1	18459266	CHR1:18459266	SSF x Far_LoA	-5,76399597	0,107	0,304
CHR1	18459269	CHR1:18459269	SSF x Far_LoA	-9,48335594	0,045	0,295
CHR1	18459287	CHR1:18459287	SSF x Far_LoA	-9,61729475	0,095	0,304
CHR1	18459321	CHR1:18459321	SSF x Far_LoA	-8,92447625	0,059	0,307
CHR1	18459379	CHR1:18459379	SSF x Far_LoA	-11,0124567	-0,027	0,296
CHR1	18459389	CHR1:18459389	SSF x Far_LoA	-7,47416725	-0,034	0,319
CHR1	18459390	CHR1:18459390	SSF x Far_LoA	-8,6040219	-0,007	0,316
CHR1	18462077	CHR1:18462077	SSF x Far_LoA	-4,97935116	0,015	0,319

CHR1	18462092	CHR1:18462092	SSF x Far_LoA	-2,42283652	0,105	0,311
CHR1	18465183	CHR1:18465183	SSF x Far_LoA	-7,84399976	0,035	0,295
CHR1	18465212	CHR1:18465212	SSF x Far_LoA	-9,83032812	0,002	0,296
CHR1	18470050	CHR1:18470050	SSF x Far_LoA	-9,46644676	-0,012	0,316
CHR1	18472691	CHR1:18472691	SSF x Far_LoA	-8,7237093	-0,103	0,299
CHR1	18474527	CHR1:18474527	SSF x Far_LoA	-9,61240544	-0,050	0,305
CHR1	18474536	CHR1:18474536	SSF x Far_LoA	-8,35601098	-0,036	0,307
CHR1	18474539	CHR1:18474539	SSF x Far_LoA	-8,88009294	-0,056	0,282
CHR1	18474587	CHR1:18474587	SSF x Far_LoA	-10,1287428	0,064	0,311
CHR1	18474615	CHR1:18474615	SSF x Far_LoA	-8,67646573	-0,028	0,303
CHR1	18474620	CHR1:18474620	SSF x Far_LoA	-8,90491864	-0,003	0,300
CHR1	18474622	CHR1:18474622	SSF x Far_LoA	-12,2252568	0,100	0,302
CHR1	18474641	CHR1:18474641	SSF x Far_LoA	-10,1367794	0,012	0,311
CHR1	18475276	CHR1:18475276	SSF x Far_LoA	-8,40627	-0,051	0,310
CHR1	18475298	CHR1:18475298	SSF x Far_LoA	-9,658051	0,095	0,302
CHR1	18475318	CHR1:18475318	SSF x Far_LoA	-6,21022611	0,043	0,304
CHR1	18476577	CHR1:18476577	SSF x Far_LoA	-11,2775184	-0,054	0,310
CHR1	18477874	CHR1:18477874	SSF x Far_LoA	0,88455071	0,108	0,319
CHR1	18477950	CHR1:18477950	SSF x Far_LoA	-11,5773713	0,016	0,299
CHR1	18477954	CHR1:18477954	SSF x Far_LoA	-11,7455234	-0,118	0,303
CHR1	18477957	CHR1:18477957	SSF x Far_LoA	-10,252577	0,009	0,316
CHR1	18477978	CHR1:18477978	SSF x Far_LoA	-11,8313171	0,018	0,303
CHR1	18481461	CHR1:18481461	SSF x Far_LoA	-10,1692233	0,103	0,294
CHR1	18490448	CHR1:18490448	SSF x Far_LoA	-9,93550058	-0,087	0,302
CHR1	18490493	CHR1:18490493	SSF x Far_LoA	-9,96990912	-0,094	0,300
CHR1	1849746	CHR1:1849746	SSF x Far_LoA	-9,95146223	0,108	0,313
CHR1	1849815	CHR1:1849815	SSF x Far_LoA	-6,48419202	-0,184	0,303
CHR1	1849820	CHR1:1849820	SSF x Far_LoA	-9,44783215	-0,121	0,308
CHR1	1849832	CHR1:1849832	SSF x Far_LoA	-8,94434579	-0,005	0,318
CHR1	1849910	CHR1:1849910	SSF x Far_LoA	-8,54728353	0,035	0,313
CHR1	18499166	CHR1:18499166	SSF x Far_LoA	-9,47903829	0,089	0,297
CHR1	18499305	CHR1:18499305	SSF x Far_LoA	-8,66336317	0,125	0,304
CHR1	18508136	CHR1:18508136	SSF x Far_LoA	-11,0744515	0,054	0,307
CHR1	18508307	CHR1:18508307	SSF x Far_LoA	-8,69117016	0,056	0,301
CHR1	18508409	CHR1:18508409	SSF x Far_LoA	-11,0861236	0,080	0,313
CHR1	18508412	CHR1:18508412	SSF x Far_LoA	-8,60210026	0,070	0,299
CHR1	18508442	CHR1:18508442	SSF x Far_LoA	-9,00201636	0,053	0,305
CHR1	18512049	CHR1:18512049	SSF x Far_LoA	-8,43096133	-0,137	0,294
CHR1	18512056	CHR1:18512056	SSF x Far_LoA	-9,23908586	-0,136	0,306
CHR1	18512059	CHR1:18512059	SSF x Far_LoA	-8,39195636	-0,144	0,318
CHR1	18512096	CHR1:18512096	SSF x Far_LoA	-10,0359763	-0,126	0,312
CHR1	18512114	CHR1:18512114	SSF x Far_LoA	-10,7558721	0,146	0,290
CHR1	18512127	CHR1:18512127	SSF x Far_LoA	-7,9127844	0,060	0,283
CHR1	18525196	CHR1:18525196	SSF x Far_LoA	-8,63352159	-0,007	0,327
CHR1	18525217	CHR1:18525217	SSF x Far_LoA	-8,50496433	-0,015	0,308
CHR1	18525218	CHR1:18525218	SSF x Far_LoA	-9,07676088	-0,017	0,307
CHR1	18525308	CHR1:18525308	SSF x Far_LoA	-8,20591281	-0,103	0,300
CHR1	18525336	CHR1:18525336	SSF x Far_LoA	-8,69128718	-0,057	0,315
CHR1	18525348	CHR1:18525348	SSF x Far_LoA	-6,14555931	-0,058	0,304
CHR1	18541840	CHR1:18541840	SSF x Far_LoA	-9,66915738	-0,017	0,309
CHR1	18542103	CHR1:18542103	SSF x Far_LoA	-7,0820169	0,145	0,313
CHR1	18544545	CHR1:18544545	SSF x Far_LoA	-9,82445138	0,092	0,298
CHR1	18544546	CHR1:18544546	SSF x Far_LoA	-9,51770118	0,118	0,297

CHR1	18544575	CHR1:18544575	SSF x Far_LoA	-10,6720879	0,036	0,301
CHR1	18544791	CHR1:18544791	SSF x Far_LoA	-9,89694997	0,024	0,301
CHR1	18544794	CHR1:18544794	SSF x Far_LoA	-9,18615985	0,001	0,299
CHR1	18544812	CHR1:18544812	SSF x Far_LoA	-11,147699	-0,048	0,298
CHR1	18547617	CHR1:18547617	SSF x Far_LoA	-9,29533541	-0,109	0,315
CHR1	18552174	CHR1:18552174	SSF x Far_LoA	-8,92466465	-0,062	0,289
CHR1	18552350	CHR1:18552350	SSF x Far_LoA	-9,46138603	-0,125	0,325
CHR1	18552371	CHR1:18552371	SSF x Far_LoA	-11,8177882	-0,057	0,310
CHR1	18558227	CHR1:18558227	SSF x Far_LoA	-9,63688153	0,013	0,313
CHR1	18558559	CHR1:18558559	SSF x Far_LoA	-5,44649858	-0,065	0,325
CHR1	18558586	CHR1:18558586	SSF x Far_LoA	-6,04934443	-0,084	0,296
CHR1	18558640	CHR1:18558640	SSF x Far_LoA	-10,4764739	-0,049	0,297
CHR1	18564123	CHR1:18564123	SSF x Far_LoA	-6,19632972	-0,053	0,295
CHR1	18564182	CHR1:18564182	SSF x Far_LoA	-7,03311183	-0,026	0,318
CHR1	18574016	CHR1:18574016	SSF x Far_LoA	-4,4037328	0,040	0,313
CHR1	18574098	CHR1:18574098	SSF x Far_LoA	-9,96025286	-0,061	0,281
CHR1	18574102	CHR1:18574102	SSF x Far_LoA	-10,2008756	-0,098	0,304
CHR1	18574140	CHR1:18574140	SSF x Far_LoA	-9,11738584	0,070	0,301
CHR1	18574230	CHR1:18574230	SSF x Far_LoA	-7,50295747	-0,059	0,281
CHR1	18582579	CHR1:18582579	SSF x Far_LoA	-10,2389966	0,055	0,301
CHR1	18594432	CHR1:18594432	SSF x Far_LoA	-2,5401791	0,092	0,305
CHR1	18600849	CHR1:18600849	SSF x Far_LoA	-11,3964025	-0,055	0,314
CHR1	18600882	CHR1:18600882	SSF x Far_LoA	-9,50631749	0,136	0,289
CHR1	18600895	CHR1:18600895	SSF x Far_LoA	-8,41973565	0,160	0,301
CHR1	18607424	CHR1:18607424	SSF x Far_LoA	-8,53522335	-0,096	0,313
CHR1	18607434	CHR1:18607434	SSF x Far_LoA	-10,4012484	-0,102	0,304
CHR1	18607472	CHR1:18607472	SSF x Far_LoA	-9,29266121	0,019	0,296
CHR1	18607512	CHR1:18607512	SSF x Far_LoA	-0,91373651	-0,113	0,303
CHR1	18607523	CHR1:18607523	SSF x Far_LoA	-7,0506722	-0,022	0,292
CHR1	18609933	CHR1:18609933	SSF x Far_LoA	-7,59351748	0,085	0,283
CHR1	1863555	CHR1:1863555	SSF x Far_LoA	-8,94744924	-0,077	0,299
CHR1	1863578	CHR1:1863578	SSF x Far_LoA	-10,6067741	0,031	0,299
CHR1	18637468	CHR1:18637468	SSF x Far_LoA	-8,84268101	0,010	0,308
CHR1	18641599	CHR1:18641599	SSF x Far_LoA	-7,04143182	-0,106	0,321
CHR1	18641908	CHR1:18641908	SSF x Far_LoA	-11,2226571	0,071	0,302
CHR1	18644167	CHR1:18644167	SSF x Far_LoA	-9,05314347	0,046	0,306
CHR1	18644170	CHR1:18644170	SSF x Far_LoA	8,50828509	0,060	0,302
CHR1	18644174	CHR1:18644174	SSF x Far_LoA	-10,1329715	-0,079	0,298
CHR1	18646315	CHR1:18646315	SSF x Far_LoA	-9,83488937	-0,015	0,308
CHR1	18646321	CHR1:18646321	SSF x Far_LoA	-9,33451215	0,058	0,306
CHR1	18646333	CHR1:18646333	SSF x Far_LoA	-8,8371483	0,065	0,297
CHR1	18647890	CHR1:18647890	SSF x Far_LoA	-9,30582714	-0,092	0,308
CHR1	18649598	CHR1:18649598	SSF x Far_LoA	-10,2553512	-0,023	0,300
CHR1	18650334	CHR1:18650334	SSF x Far_LoA	-3,27773065	0,134	0,305
CHR1	18650345	CHR1:18650345	SSF x Far_LoA	-2,66479728	0,085	0,327
CHR1	18655125	CHR1:18655125	SSF x Far_LoA	-8,40173318	0,039	0,309
CHR1	18655163	CHR1:18655163	SSF x Far_LoA	-9,40390442	-0,016	0,298
CHR1	18655195	CHR1:18655195	SSF x Far_LoA	-9,1147833	0,060	0,308
CHR1	18655223	CHR1:18655223	SSF x Far_LoA	-8,52914635	0,057	0,313
CHR1	18655282	CHR1:18655282	SSF x Far_LoA	-10,1304051	-0,052	0,313
CHR1	18655334	CHR1:18655334	SSF x Far_LoA	-10,7726994	0,050	0,308
CHR1	18663183	CHR1:18663183	SSF x Far_LoA	-8,66084958	-0,005	0,316
CHR1	18663307	CHR1:18663307	SSF x Far_LoA	-7,69987766	-0,160	0,305

CHR1	18663339	CHR1:18663339	SSF x Far_LoA	-9,13549634	-0,023	0,312
CHR1	18663379	CHR1:18663379	SSF x Far_LoA	-8,56517585	0,005	0,318
CHR1	18663408	CHR1:18663408	SSF x Far_LoA	-9,90835535	-0,057	0,309
CHR1	18671209	CHR1:18671209	SSF x Far_LoA	-8,85925894	0,016	0,310
CHR1	18671270	CHR1:18671270	SSF x Far_LoA	-11,4940541	0,079	0,301
CHR1	18671320	CHR1:18671320	SSF x Far_LoA	-8,99005226	-0,009	0,301
CHR1	18671466	CHR1:18671466	SSF x Far_LoA	-11,0329311	0,074	0,299
CHR1	18671482	CHR1:18671482	SSF x Far_LoA	-5,04371276	-0,124	0,310
CHR1	18675733	CHR1:18675733	SSF x Far_LoA	-10,0336545	-0,068	0,308
CHR1	18685639	CHR1:18685639	SSF x Far_LoA	-9,40275579	0,034	0,295
CHR1	18685731	CHR1:18685731	SSF x Far_LoA	-9,99404706	-0,073	0,293
CHR1	18685802	CHR1:18685802	SSF x Far_LoA	-10,1735484	0,080	0,295
CHR1	18685813	CHR1:18685813	SSF x Far_LoA	-9,53591466	0,046	0,300
CHR1	18691596	CHR1:18691596	SSF x Far_LoA	-8,5617367	0,045	0,313
CHR1	18691767	CHR1:18691767	SSF x Far_LoA	-9,08289953	0,065	0,316
CHR1	1870312	CHR1:1870312	SSF x Far_LoA	-6,5408466	0,063	0,313
CHR1	18708967	CHR1:18708967	SSF x Far_LoA	-8,37372455	0,088	0,299
CHR1	18714582	CHR1:18714582	SSF x Far_LoA	-7,74603807	-0,093	0,305
CHR1	18714586	CHR1:18714586	SSF x Far_LoA	-9,60292709	-0,092	0,304
CHR1	18717935	CHR1:18717935	SSF x Far_LoA	-11,9633569	-0,080	0,303
CHR1	18717937	CHR1:18717937	SSF x Far_LoA	-8,17576564	0,104	0,289
CHR1	18718009	CHR1:18718009	SSF x Far_LoA	-5,88338064	0,218	0,292
CHR1	18718026	CHR1:18718026	SSF x Far_LoA	-11,4412338	-0,027	0,297
CHR1	18718117	CHR1:18718117	SSF x Far_LoA	-9,99137697	-0,020	0,291
CHR1	18718133	CHR1:18718133	SSF x Far_LoA	-9,9264954	-0,013	0,292
CHR1	18718159	CHR1:18718159	SSF x Far_LoA	-6,75505374	-0,002	0,306
CHR1	18718160	CHR1:18718160	SSF x Far_LoA	-8,26673321	-0,042	0,298
CHR1	18725155	CHR1:18725155	SSF x Far_LoA	-8,46226511	0,034	0,307
CHR1	18731330	CHR1:18731330	SSF x Far_LoA	-7,16242133	0,145	0,287
CHR1	18731360	CHR1:18731360	SSF x Far_LoA	-10,3656709	-0,106	0,311
CHR1	18731382	CHR1:18731382	SSF x Far_LoA	-7,89208184	-0,078	0,294
CHR1	18731423	CHR1:18731423	SSF x Far_LoA	-10,4310227	0,187	0,286
CHR1	18731610	CHR1:18731610	SSF x Far_LoA	-11,3936352	-0,106	0,306
CHR1	18756032	CHR1:18756032	SSF x Far_LoA	-8,73979758	0,024	0,329
CHR1	18756067	CHR1:18756067	SSF x Far_LoA	-11,5814057	-0,043	0,306
CHR1	18756154	CHR1:18756154	SSF x Far_LoA	-10,0405643	0,084	0,307
CHR1	18759963	CHR1:18759963	SSF x Far_LoA	-9,9453544	-0,013	0,321
CHR1	18759972	CHR1:18759972	SSF x Far_LoA	-9,74371129	-0,075	0,308
CHR1	18772165	CHR1:18772165	SSF x Far_LoA	-9,0614085	0,168	0,289
CHR1	1877968	CHR1:1877968	SSF x Far_LoA	-8,78868983	0,010	0,303
CHR1	1878049	CHR1:1878049	SSF x Far_LoA	-9,67281459	-0,082	0,297
CHR1	1878116	CHR1:1878116	SSF x Far_LoA	-8,63311263	0,091	0,297
CHR1	1878121	CHR1:1878121	SSF x Far_LoA	-9,61048384	-0,061	0,296
CHR1	18787953	CHR1:18787953	SSF x Far_LoA	-9,34106029	0,038	0,325
CHR1	18787987	CHR1:18787987	SSF x Far_LoA	-8,70699642	-0,040	0,306
CHR1	18788053	CHR1:18788053	SSF x Far_LoA	-4,54217218	-0,104	0,302
CHR1	18788076	CHR1:18788076	SSF x Far_LoA	-6,28578833	-0,125	0,304
CHR1	18792880	CHR1:18792880	SSF x Far_LoA	-7,08356331	-0,048	0,324
CHR1	18792912	CHR1:18792912	SSF x Far_LoA	-8,21830222	0,034	0,316
CHR1	18792950	CHR1:18792950	SSF x Far_LoA	-10,3270692	0,052	0,298
CHR1	18793543	CHR1:18793543	SSF x Far_LoA	-7,95679218	-0,109	0,292
CHR1	18817640	CHR1:18817640	SSF x Far_LoA	-11,6594545	0,013	0,315
CHR1	18838856	CHR1:18838856	SSF x Far_LoA	-11,446648	0,007	0,321

CHR1	18846612	CHR1:18846612	SSF x Far_LoA	-9,41444877	-0,008	0,310
CHR1	18867584	CHR1:18867584	SSF x Far_LoA	-10,2272852	0,093	0,303
CHR1	18867684	CHR1:18867684	SSF x Far_LoA	-8,41450172	-0,122	0,318
CHR1	18867695	CHR1:18867695	SSF x Far_LoA	-6,65111137	-0,022	0,304
CHR1	18873498	CHR1:18873498	SSF x Far_LoA	-9,36980158	0,049	0,305
CHR1	18874756	CHR1:18874756	SSF x Far_LoA	-9,825345	0,090	0,308
CHR1	18881951	CHR1:18881951	SSF x Far_LoA	-8,71977786	-0,055	0,317
CHR1	18881953	CHR1:18881953	SSF x Far_LoA	-8,65903486	0,044	0,291
CHR1	18881961	CHR1:18881961	SSF x Far_LoA	-8,14883058	-0,053	0,306
CHR1	18881969	CHR1:18881969	SSF x Far_LoA	-8,68189909	-0,077	0,304
CHR1	18881972	CHR1:18881972	SSF x Far_LoA	-11,6657646	-0,035	0,308
CHR1	18881974	CHR1:18881974	SSF x Far_LoA	-8,8961944	-0,025	0,317
CHR1	18883347	CHR1:18883347	SSF x Far_LoA	-10,6545292	-0,038	0,319
CHR1	18884008	CHR1:18884008	SSF x Far_LoA	-7,69451392	0,072	0,301
CHR1	18884016	CHR1:18884016	SSF x Far_LoA	-11,8478099	-0,036	0,301
CHR1	18884040	CHR1:18884040	SSF x Far_LoA	-10,0093925	-0,045	0,301
CHR1	18887894	CHR1:18887894	SSF x Far_LoA	-8,82336217	-0,068	0,302
CHR1	18887939	CHR1:18887939	SSF x Far_LoA	-10,6799932	0,073	0,308
CHR1	18887951	CHR1:18887951	SSF x Far_LoA	-10,1127955	0,052	0,291
CHR1	18887965	CHR1:18887965	SSF x Far_LoA	0,4722963	-0,044	0,317
CHR1	18887972	CHR1:18887972	SSF x Far_LoA	-10,7899021	-0,023	0,312
CHR1	18888038	CHR1:18888038	SSF x Far_LoA	-8,18083216	-0,005	0,321
CHR1	18888093	CHR1:18888093	SSF x Far_LoA	-9,46863714	0,052	0,311
CHR1	18888101	CHR1:18888101	SSF x Far_LoA	-8,71451943	-0,029	0,297
CHR1	18895620	CHR1:18895620	SSF x Far_LoA	-9,14972057	0,031	0,302
CHR1	18902607	CHR1:18902607	SSF x Far_LoA	-9,40017063	0,099	0,309
CHR1	18902624	CHR1:18902624	SSF x Far_LoA	-6,8162936	0,105	0,305
CHR1	18902717	CHR1:18902717	SSF x Far_LoA	-8,19014748	0,093	0,300
CHR1	18902863	CHR1:18902863	SSF x Far_LoA	-8,14917732	-0,049	0,315
CHR1	18902864	CHR1:18902864	SSF x Far_LoA	-10,2981158	-0,086	0,297
CHR1	18902887	CHR1:18902887	SSF x Far_LoA	-8,52304987	0,074	0,303
CHR1	18910369	CHR1:18910369	SSF x Far_LoA	-9,16935404	-0,066	0,311
CHR1	18910388	CHR1:18910388	SSF x Far_LoA	-9,40319253	-0,194	0,301
CHR1	18910396	CHR1:18910396	SSF x Far_LoA	-9,30964192	-0,155	0,289
CHR1	18910398	CHR1:18910398	SSF x Far_LoA	-9,65283615	-0,168	0,298
CHR1	18910414	CHR1:18910414	SSF x Far_LoA	-5,09490701	-0,175	0,314
CHR1	18914953	CHR1:18914953	SSF x Far_LoA	-0,15354534	0,033	0,319
CHR1	18915003	CHR1:18915003	SSF x Far_LoA	-10,3460879	0,042	0,322
CHR1	18915034	CHR1:18915034	SSF x Far_LoA	-7,84867959	-0,103	0,305
CHR1	18915039	CHR1:18915039	SSF x Far_LoA	-9,21329478	-0,014	0,313
CHR1	18918398	CHR1:18918398	SSF x Far_LoA	-7,67926061	0,081	0,302
CHR1	18918433	CHR1:18918433	SSF x Far_LoA	-10,0135192	-0,045	0,273
CHR1	18918449	CHR1:18918449	SSF x Far_LoA	-6,03459851	0,078	0,318
CHR1	18918450	CHR1:18918450	SSF x Far_LoA	-8,70486762	0,034	0,314
CHR1	18918456	CHR1:18918456	SSF x Far_LoA	-8,73185894	0,045	0,314
CHR1	18918469	CHR1:18918469	SSF x Far_LoA	-10,1917476	-0,084	0,304
CHR1	18918486	CHR1:18918486	SSF x Far_LoA	-10,7038864	0,023	0,304
CHR1	18918529	CHR1:18918529	SSF x Far_LoA	-8,85250804	-0,082	0,303
CHR1	18930812	CHR1:18930812	SSF x Far_LoA	-11,8213456	-0,006	0,302
CHR1	18930877	CHR1:18930877	SSF x Far_LoA	-8,09950279	-0,038	0,318
CHR1	18930891	CHR1:18930891	SSF x Far_LoA	-11,9869559	0,051	0,299
CHR1	18930893	CHR1:18930893	SSF x Far_LoA	-10,1572992	-0,009	0,317
CHR1	18931386	CHR1:18931386	SSF x Far_LoA	-9,27994644	0,035	0,307

CHR1	18931432	CHR1:18931432	SSF x Far_LoA	-11,6125281	-0,005	0,309
CHR1	18931479	CHR1:18931479	SSF x Far_LoA	-10,5864837	0,083	0,286
CHR1	18937236	CHR1:18937236	SSF x Far_LoA	-10,4755928	0,149	0,289
CHR1	18937274	CHR1:18937274	SSF x Far_LoA	-11,8924464	0,045	0,285
CHR1	18943501	CHR1:18943501	SSF x Far_LoA	-5,91048707	0,048	0,309
CHR1	18943626	CHR1:18943626	SSF x Far_LoA	-9,36070594	0,047	0,314
CHR1	18943629	CHR1:18943629	SSF x Far_LoA	-11,1252087	0,083	0,308
CHR1	18943635	CHR1:18943635	SSF x Far_LoA	-10,6822359	0,021	0,318
CHR1	18948572	CHR1:18948572	SSF x Far_LoA	-8,39250397	-0,212	0,288
CHR1	18948582	CHR1:18948582	SSF x Far_LoA	-8,04105027	-0,100	0,293
CHR1	18948616	CHR1:18948616	SSF x Far_LoA	-8,26125345	0,028	0,300
CHR1	18948631	CHR1:18948631	SSF x Far_LoA	-8,17491299	0,079	0,305
CHR1	18954476	CHR1:18954476	SSF x Far_LoA	-6,43542407	0,006	0,298
CHR1	18954484	CHR1:18954484	SSF x Far_LoA	-9,00101295	0,102	0,306
CHR1	18954497	CHR1:18954497	SSF x Far_LoA	-8,97486824	0,063	0,313
CHR1	18954508	CHR1:18954508	SSF x Far_LoA	-10,4732222	-0,015	0,302
CHR1	18954576	CHR1:18954576	SSF x Far_LoA	-10,826547	-0,037	0,308
CHR1	18954584	CHR1:18954584	SSF x Far_LoA	-9,61098349	0,013	0,315
CHR1	18954637	CHR1:18954637	SSF x Far_LoA	-8,10492226	0,109	0,301
CHR1	18954674	CHR1:18954674	SSF x Far_LoA	-8,5173734	0,061	0,305
CHR1	18963215	CHR1:18963215	SSF x Far_LoA	-11,9051926	0,033	0,309
CHR1	18963257	CHR1:18963257	SSF x Far_LoA	-11,0208755	0,046	0,313
CHR1	18963268	CHR1:18963268	SSF x Far_LoA	-11,1425899	-0,076	0,323
CHR1	1896366	CHR1:1896366	SSF x Far_LoA	-8,43285528	-0,017	0,317
CHR1	1896369	CHR1:1896369	SSF x Far_LoA	-11,8218365	0,007	0,305
CHR1	18968168	CHR1:18968168	SSF x Far_LoA	-4,53711055	0,040	0,311
CHR1	18968184	CHR1:18968184	SSF x Far_LoA	-6,74486301	0,004	0,296
CHR1	18968231	CHR1:18968231	SSF x Far_LoA	-8,20695637	-0,118	0,317
CHR1	18968238	CHR1:18968238	SSF x Far_LoA	-7,26221951	0,048	0,304
CHR1	18978515	CHR1:18978515	SSF x Far_LoA	-7,79127639	-0,006	0,308
CHR1	18978559	CHR1:18978559	SSF x Far_LoA	-7,49181709	-0,049	0,309
CHR1	1897886	CHR1:1897886	SSF x Far_LoA	-6,30951951	0,170	0,296
CHR1	18982139	CHR1:18982139	SSF x Far_LoA	-10,2978036	0,044	0,305
CHR1	18982176	CHR1:18982176	SSF x Far_LoA	-8,50616098	0,061	0,316
CHR1	1898503	CHR1:1898503	SSF x Far_LoA	-10,1230655	-0,079	0,295
CHR1	1898511	CHR1:1898511	SSF x Far_LoA	-6,991226	-0,209	0,299
CHR1	1898575	CHR1:1898575	SSF x Far_LoA	-8,18259113	-0,101	0,302
CHR1	18986596	CHR1:18986596	SSF x Far_LoA	2,28395802	0,123	0,289
CHR1	18986659	CHR1:18986659	SSF x Far_LoA	-7,35168749	0,029	0,311
CHR1	18986672	CHR1:18986672	SSF x Far_LoA	-10,4096109	0,083	0,305
CHR1	18986698	CHR1:18986698	SSF x Far_LoA	-8,31095211	-0,017	0,293
CHR1	18986706	CHR1:18986706	SSF x Far_LoA	-9,34453635	0,008	0,307
CHR1	18986826	CHR1:18986826	SSF x Far_LoA	-9,05527479	-0,013	0,317
CHR1	18993806	CHR1:18993806	SSF x Far_LoA	-10,0977144	-0,085	0,304
CHR1	19001685	CHR1:19001685	SSF x Far_LoA	-8,18529378	-0,038	0,307
CHR1	19001688	CHR1:19001688	SSF x Far_LoA	-9,52950752	0,005	0,314
CHR1	19001715	CHR1:19001715	SSF x Far_LoA	-9,36436242	-0,005	0,308
CHR1	19003103	CHR1:19003103	SSF x Far_LoA	-9,94715286	-0,004	0,308
CHR1	19003198	CHR1:19003198	SSF x Far_LoA	-12,3076812	-0,049	0,306
CHR1	19011558	CHR1:19011558	SSF x Far_LoA	-9,95251701	0,089	0,298
CHR1	19011639	CHR1:19011639	SSF x Far_LoA	-8,39431705	-0,022	0,306
CHR1	19011654	CHR1:19011654	SSF x Far_LoA	-6,52383626	-0,031	0,315
CHR1	19011706	CHR1:19011706	SSF x Far_LoA	-6,09150643	0,003	0,319

CHR1	19011797	CHR1:19011797	SSF x Far_LoA	-9,70953124	-0,035	0,295
CHR1	1901637	CHR1:1901637	SSF x Far_LoA	-6,63864703	0,056	0,297
CHR1	19019972	CHR1:19019972	SSF x Far_LoA	-10,3131993	0,037	0,314
CHR1	19019985	CHR1:19019985	SSF x Far_LoA	-10,7329074	-0,011	0,306
CHR1	19019987	CHR1:19019987	SSF x Far_LoA	-10,4476672	0,013	0,312
CHR1	19020002	CHR1:19020002	SSF x Far_LoA	-10,9428458	0,004	0,303
CHR1	19020038	CHR1:19020038	SSF x Far_LoA	-9,72650589	-0,030	0,313
CHR1	19021006	CHR1:19021006	SSF x Far_LoA	-7,309597	0,080	0,306
CHR1	19021140	CHR1:19021140	SSF x Far_LoA	-10,7489718	0,065	0,307
CHR1	19021221	CHR1:19021221	SSF x Far_LoA	-4,7126248	0,011	0,311
CHR1	19021246	CHR1:19021246	SSF x Far_LoA	-8,96205144	-0,056	0,298
CHR1	19033230	CHR1:19033230	SSF x Far_LoA	-10,3659249	-0,034	0,297
CHR1	19033285	CHR1:19033285	SSF x Far_LoA	-11,4584342	0,040	0,301
CHR1	19033300	CHR1:19033300	SSF x Far_LoA	-4,6530338	0,128	0,300
CHR1	19033312	CHR1:19033312	SSF x Far_LoA	-8,71578471	-0,001	0,303
CHR1	19033337	CHR1:19033337	SSF x Far_LoA	-9,99678754	0,087	0,302
CHR1	19033340	CHR1:19033340	SSF x Far_LoA	-11,9167153	0,069	0,295
CHR1	19033346	CHR1:19033346	SSF x Far_LoA	2,05536314	0,084	0,310
CHR1	19033350	CHR1:19033350	SSF x Far_LoA	-7,59348925	0,070	0,305
CHR1	19035767	CHR1:19035767	SSF x Far_LoA	-6,76137287	0,223	0,289
CHR1	19035884	CHR1:19035884	SSF x Far_LoA	-8,34232946	-0,024	0,296
CHR1	19035912	CHR1:19035912	SSF x Far_LoA	-10,7495938	-0,126	0,298
CHR1	19035914	CHR1:19035914	SSF x Far_LoA	-7,33330706	-0,108	0,308
CHR1	19035940	CHR1:19035940	SSF x Far_LoA	-7,87296023	0,157	0,310
CHR1	19035945	CHR1:19035945	SSF x Far_LoA	-5,06230131	-0,173	0,313
CHR1	19035951	CHR1:19035951	SSF x Far_LoA	-9,24848301	0,027	0,300
CHR1	1903793	CHR1:1903793	SSF x Far_LoA	-10,7251795	-0,026	0,305
CHR1	1903800	CHR1:1903800	SSF x Far_LoA	-8,21629858	-0,129	0,311
CHR1	1903832	CHR1:1903832	SSF x Far_LoA	-9,57952453	0,019	0,301
CHR1	19041304	CHR1:19041304	SSF x Far_LoA	-9,61266369	0,063	0,309
CHR1	19041330	CHR1:19041330	SSF x Far_LoA	-10,8077394	-0,011	0,314
CHR1	19041609	CHR1:19041609	SSF x Far_LoA	-8,87806643	-0,089	0,310
CHR1	19045426	CHR1:19045426	SSF x Far_LoA	-12,1799037	0,025	0,296
CHR1	19050553	CHR1:19050553	SSF x Far_LoA	-5,85430684	-0,170	0,300
CHR1	19050664	CHR1:19050664	SSF x Far_LoA	-7,43762529	0,050	0,316
CHR1	19050683	CHR1:19050683	SSF x Far_LoA	-11,7076093	0,006	0,320
CHR1	19058153	CHR1:19058153	SSF x Far_LoA	-9,79335476	0,036	0,308
CHR1	19058160	CHR1:19058160	SSF x Far_LoA	-8,94236521	-0,017	0,323
CHR1	19058211	CHR1:19058211	SSF x Far_LoA	-10,9272255	0,006	0,302
CHR1	19083538	CHR1:19083538	SSF x Far_LoA	-8,03570985	0,049	0,303
CHR1	19083626	CHR1:19083626	SSF x Far_LoA	-8,32653135	0,082	0,304
CHR1	19090250	CHR1:19090250	SSF x Far_LoA	-7,03063184	0,117	0,297
CHR1	19101186	CHR1:19101186	SSF x Far_LoA	-8,69977644	0,080	0,295
CHR1	19101225	CHR1:19101225	SSF x Far_LoA	-8,76695468	0,081	0,306
CHR1	19101230	CHR1:19101230	SSF x Far_LoA	-10,7712965	-0,039	0,310
CHR1	19106286	CHR1:19106286	SSF x Far_LoA	-10,2163524	0,041	0,302
CHR1	19106525	CHR1:19106525	SSF x Far_LoA	-8,24791504	-0,130	0,295
CHR1	19106593	CHR1:19106593	SSF x Far_LoA	-11,692171	-0,118	0,296
CHR1	1911782	CHR1:1911782	SSF x Far_LoA	-10,0105479	-0,068	0,304
CHR1	1911796	CHR1:1911796	SSF x Far_LoA	-11,6287585	0,057	0,296
CHR1	1911837	CHR1:1911837	SSF x Far_LoA	-6,5572525	0,130	0,306
CHR1	19121051	CHR1:19121051	SSF x Far_LoA	-9,293157	-0,034	0,321
CHR1	19121125	CHR1:19121125	SSF x Far_LoA	-8,59838508	0,100	0,301

CHR1	19121188	CHR1:19121188	SSF x Far_LoA	-9,83272562	-0,042	0,323
CHR1	19121213	CHR1:19121213	SSF x Far_LoA	-12,0314191	0,084	0,296
CHR1	19126851	CHR1:19126851	SSF x Far_LoA	-5,03225379	-0,161	0,282
CHR1	19126971	CHR1:19126971	SSF x Far_LoA	-12,3020882	-0,051	0,303
CHR1	19130862	CHR1:19130862	SSF x Far_LoA	-6,39798655	-0,187	0,303
CHR1	19141846	CHR1:19141846	SSF x Far_LoA	-11,0890356	-0,127	0,317
CHR1	19141987	CHR1:19141987	SSF x Far_LoA	-10,3405521	-0,004	0,306
CHR1	1914728	CHR1:1914728	SSF x Far_LoA	-0,03722227	-0,136	0,314
CHR1	1914745	CHR1:1914745	SSF x Far_LoA	-8,97241046	0,110	0,299
CHR1	19156243	CHR1:19156243	SSF x Far_LoA	-10,9317695	0,066	0,309
CHR1	19156310	CHR1:19156310	SSF x Far_LoA	-10,8482008	0,009	0,304
CHR1	19156328	CHR1:19156328	SSF x Far_LoA	-11,388437	-0,005	0,293
CHR1	19156434	CHR1:19156434	SSF x Far_LoA	-11,5869226	0,017	0,300
CHR1	19156498	CHR1:19156498	SSF x Far_LoA	-7,98343737	0,098	0,309
CHR1	19156516	CHR1:19156516	SSF x Far_LoA	-10,7406242	0,016	0,305
CHR1	1916554	CHR1:1916554	SSF x Far_LoA	-10,0786165	0,132	0,297
CHR1	1916575	CHR1:1916575	SSF x Far_LoA	-10,0228381	0,026	0,304
CHR1	1916583	CHR1:1916583	SSF x Far_LoA	-9,96095906	-0,075	0,302
CHR1	1916616	CHR1:1916616	SSF x Far_LoA	-8,06977295	0,093	0,297
CHR1	19169856	CHR1:19169856	SSF x Far_LoA	-3,83922282	0,130	0,304
CHR1	19169927	CHR1:19169927	SSF x Far_LoA	-8,75804831	-0,041	0,286
CHR1	19169939	CHR1:19169939	SSF x Far_LoA	-10,7343002	0,132	0,297
CHR1	19175308	CHR1:19175308	SSF x Far_LoA	-9,16512861	-0,008	0,309
CHR1	19177470	CHR1:19177470	SSF x Far_LoA	-9,89716618	0,072	0,303
CHR1	19177494	CHR1:19177494	SSF x Far_LoA	-10,5718774	0,083	0,300
CHR1	19177501	CHR1:19177501	SSF x Far_LoA	-10,7857934	-0,055	0,311
CHR1	19180604	CHR1:19180604	SSF x Far_LoA	-6,83544244	-0,163	0,310
CHR1	19180645	CHR1:19180645	SSF x Far_LoA	-12,4159767	-0,003	0,306
CHR1	19189827	CHR1:19189827	SSF x Far_LoA	-10,5993056	-0,060	0,300
CHR1	19189866	CHR1:19189866	SSF x Far_LoA	-9,0732067	-0,095	0,303
CHR1	19201575	CHR1:19201575	SSF x Far_LoA	-10,3530953	0,117	0,304
CHR1	19201794	CHR1:19201794	SSF x Far_LoA	-8,90769361	0,009	0,312
CHR1	19201858	CHR1:19201858	SSF x Far_LoA	-8,91651181	-0,042	0,301
CHR1	19209462	CHR1:19209462	SSF x Far_LoA	-9,9195668	-0,152	0,303
CHR1	19209495	CHR1:19209495	SSF x Far_LoA	-8,92608914	-0,039	0,319
CHR1	19209574	CHR1:19209574	SSF x Far_LoA	-11,2840663	-0,079	0,294
CHR1	19220210	CHR1:19220210	SSF x Far_LoA	-10,3654161	-0,072	0,298
CHR1	19229737	CHR1:19229737	SSF x Far_LoA	-9,95069687	0,002	0,300
CHR1	19229741	CHR1:19229741	SSF x Far_LoA	-7,50905687	0,036	0,291
CHR1	19229780	CHR1:19229780	SSF x Far_LoA	-9,40986424	-0,013	0,306
CHR1	19231445	CHR1:19231445	SSF x Far_LoA	-8,68924485	0,068	0,312
CHR1	19231481	CHR1:19231481	SSF x Far_LoA	-10,1389386	0,051	0,318
CHR1	19235220	CHR1:19235220	SSF x Far_LoA	-9,27771331	-0,044	0,300
CHR1	19256073	CHR1:19256073	SSF x Far_LoA	-8,55890039	0,057	0,298
CHR1	19273781	CHR1:19273781	SSF x Far_LoA	-9,26600316	0,011	0,304
CHR1	19275064	CHR1:19275064	SSF x Far_LoA	-8,94564747	0,163	0,309
CHR1	19276693	CHR1:19276693	SSF x Far_LoA	-4,18538203	-0,007	0,315
CHR1	19276770	CHR1:19276770	SSF x Far_LoA	-9,26904676	-0,005	0,310
CHR1	19296005	CHR1:19296005	SSF x Far_LoA	-9,64684558	-0,085	0,311
CHR1	19333514	CHR1:19333514	SSF x Far_LoA	-7,89775088	0,047	0,299
CHR1	19337494	CHR1:19337494	SSF x Far_LoA	-10,5306664	0,021	0,310
CHR1	19337593	CHR1:19337593	SSF x Far_LoA	-10,1967396	-0,058	0,298
CHR1	19337697	CHR1:19337697	SSF x Far_LoA	-8,31178142	0,001	0,314

CHR1	19358244	CHR1:19358244	SSF x Far_LoA	-10,4832141	-0,051	0,305
CHR1	19364034	CHR1:19364034	SSF x Far_LoA	-8,18610156	-0,003	0,309
CHR1	19365560	CHR1:19365560	SSF x Far_LoA	-9,55973358	-0,064	0,302
CHR1	1938540	CHR1:1938540	SSF x Far_LoA	-10,2342277	-0,042	0,318
CHR1	1938631	CHR1:1938631	SSF x Far_LoA	-8,81830711	0,099	0,299
CHR1	19398767	CHR1:19398767	SSF x Far_LoA	-11,4241661	-0,011	0,304
CHR1	19398893	CHR1:19398893	SSF x Far_LoA	-8,87050549	-0,070	0,313
CHR1	19401351	CHR1:19401351	SSF x Far_LoA	-8,83143932	0,063	0,311
CHR1	19401353	CHR1:19401353	SSF x Far_LoA	-8,43155713	0,064	0,293
CHR1	19401413	CHR1:19401413	SSF x Far_LoA	0,7861599	-0,127	0,301
CHR1	1940291	CHR1:1940291	SSF x Far_LoA	-9,03200412	-0,012	0,304
CHR1	1940370	CHR1:1940370	SSF x Far_LoA	0,37175405	0,011	0,302
CHR1	1940376	CHR1:1940376	SSF x Far_LoA	-9,84097868	0,017	0,301
CHR1	19404321	CHR1:19404321	SSF x Far_LoA	-9,6634048	-0,125	0,311
CHR1	19404338	CHR1:19404338	SSF x Far_LoA	-8,39063965	-0,157	0,294
CHR1	19404363	CHR1:19404363	SSF x Far_LoA	-10,0221571	0,078	0,309
CHR1	19404401	CHR1:19404401	SSF x Far_LoA	-9,78026546	-0,045	0,308
CHR1	19404518	CHR1:19404518	SSF x Far_LoA	0,15272997	-0,109	0,302
CHR1	19404534	CHR1:19404534	SSF x Far_LoA	-7,76660512	0,070	0,321
CHR1	1941921	CHR1:1941921	SSF x Far_LoA	-10,1262657	-0,092	0,296
CHR1	1941922	CHR1:1941922	SSF x Far_LoA	-7,9099923	-0,064	0,307
CHR1	1941939	CHR1:1941939	SSF x Far_LoA	-9,04061985	0,101	0,313
CHR1	1942011	CHR1:1942011	SSF x Far_LoA	-9,72966142	0,011	0,321
CHR1	1942068	CHR1:1942068	SSF x Far_LoA	-9,63468071	0,024	0,310
CHR1	19421938	CHR1:19421938	SSF x Far_LoA	-9,39191484	0,048	0,315
CHR1	19422077	CHR1:19422077	SSF x Far_LoA	-7,31979888	-0,080	0,303
CHR1	19437786	CHR1:19437786	SSF x Far_LoA	-7,68723982	0,001	0,307
CHR1	19461654	CHR1:19461654	SSF x Far_LoA	-9,70302952	0,020	0,313
CHR1	19485218	CHR1:19485218	SSF x Far_LoA	-8,29510152	-0,089	0,309
CHR1	19485271	CHR1:19485271	SSF x Far_LoA	-10,9557483	-0,055	0,310
CHR1	19485733	CHR1:19485733	SSF x Far_LoA	-4,89232395	0,022	0,311
CHR1	19485780	CHR1:19485780	SSF x Far_LoA	-7,03458622	-0,091	0,310
CHR1	19485786	CHR1:19485786	SSF x Far_LoA	-10,2328538	-0,069	0,308
CHR1	19485820	CHR1:19485820	SSF x Far_LoA	-8,62208752	-0,063	0,311
CHR1	19485827	CHR1:19485827	SSF x Far_LoA	-9,3619485	-0,042	0,296
CHR1	1948675	CHR1:1948675	SSF x Far_LoA	-6,04335402	0,132	0,288
CHR1	1948710	CHR1:1948710	SSF x Far_LoA	-8,71296627	0,053	0,323
CHR1	1948737	CHR1:1948737	SSF x Far_LoA	-9,58294479	0,052	0,312
CHR1	19494110	CHR1:19494110	SSF x Far_LoA	-7,201839	0,007	0,297
CHR1	19494112	CHR1:19494112	SSF x Far_LoA	-10,8679469	0,029	0,296
CHR1	19494113	CHR1:19494113	SSF x Far_LoA	-7,80292172	0,018	0,309
CHR1	19497635	CHR1:19497635	SSF x Far_LoA	-8,98099457	-0,116	0,318
CHR1	19497700	CHR1:19497700	SSF x Far_LoA	-9,23491876	-0,036	0,328
CHR1	19499708	CHR1:19499708	SSF x Far_LoA	-9,45537984	0,053	0,295
CHR1	19499941	CHR1:19499941	SSF x Far_LoA	-11,5423764	-0,048	0,313
CHR1	2E+07	CHR1:19500823	SSF x Far_LoA	-10,7420455	0,083	0,308
CHR1	2E+07	CHR1:19500848	SSF x Far_LoA	-5,42412086	-0,109	0,310
CHR1	2E+07	CHR1:19500909	SSF x Far_LoA	-9,40095432	0,138	0,301
CHR1	2E+07	CHR1:19505469	SSF x Far_LoA	-12,2538824	0,029	0,308
CHR1	2E+07	CHR1:19508432	SSF x Far_LoA	-9,77423903	0,076	0,313
CHR1	2E+07	CHR1:19508492	SSF x Far_LoA	-9,46850517	0,143	0,287
CHR1	2E+07	CHR1:19508499	SSF x Far_LoA	-11,1613335	0,007	0,311
CHR1	2E+07	CHR1:19511866	SSF x Far_LoA	-10,2224048	-0,057	0,309

CHR1	2E+07	CHR1:19511916	SSF x Far_LoA	-7,16553356	0,124	0,314
CHR1	2E+07	CHR1:19513246	SSF x Far_LoA	-6,7435697	-0,148	0,297
CHR1	2E+07	CHR1:19516504	SSF x Far_LoA	-11,4872803	-0,101	0,311
CHR1	2E+07	CHR1:19516621	SSF x Far_LoA	-10,6713494	-0,039	0,316
CHR1	2E+07	CHR1:19516662	SSF x Far_LoA	-8,65437265	0,007	0,315
CHR1	2E+07	CHR1:19516681	SSF x Far_LoA	-10,6586105	0,009	0,312
CHR1	1952247	CHR1:1952247	SSF x Far_LoA	-10,3991338	0,074	0,302
CHR1	1952501	CHR1:1952501	SSF x Far_LoA	-11,1242107	0,059	0,290
CHR1	2E+07	CHR1:19528134	SSF x Far_LoA	-9,96758097	-0,125	0,301
CHR1	2E+07	CHR1:19528147	SSF x Far_LoA	-8,75818952	-0,074	0,320
CHR1	2E+07	CHR1:19528217	SSF x Far_LoA	-9,07114	0,050	0,313
CHR1	2E+07	CHR1:19528286	SSF x Far_LoA	-5,27050887	0,145	0,311
CHR1	2E+07	CHR1:19528296	SSF x Far_LoA	-8,1749855	0,139	0,292
CHR1	2E+07	CHR1:19528319	SSF x Far_LoA	-6,57524837	-0,029	0,317
CHR1	2E+07	CHR1:19528393	SSF x Far_LoA	-10,08067	0,017	0,298
CHR1	2E+07	CHR1:19531928	SSF x Far_LoA	-9,91605605	-0,058	0,316
CHR1	2E+07	CHR1:19531959	SSF x Far_LoA	-9,52602723	-0,109	0,307
CHR1	2E+07	CHR1:19531964	SSF x Far_LoA	-8,8082812	-0,148	0,298
CHR1	2E+07	CHR1:19532047	SSF x Far_LoA	-8,3248153	-0,053	0,306
CHR1	2E+07	CHR1:19534805	SSF x Far_LoA	-8,98478782	-0,060	0,301
CHR1	2E+07	CHR1:19534829	SSF x Far_LoA	-7,78516846	0,039	0,312
CHR1	2E+07	CHR1:19534886	SSF x Far_LoA	-5,38378084	-0,138	0,311
CHR1	2E+07	CHR1:19534895	SSF x Far_LoA	-9,48326446	-0,047	0,314
CHR1	2E+07	CHR1:19534906	SSF x Far_LoA	-6,44686675	-0,161	0,300
CHR1	2E+07	CHR1:19542420	SSF x Far_LoA	-9,94423421	-0,003	0,319
CHR1	2E+07	CHR1:19542451	SSF x Far_LoA	-11,3434744	-0,107	0,303
CHR1	2E+07	CHR1:19542462	SSF x Far_LoA	-10,3098483	-0,123	0,306
CHR1	2E+07	CHR1:19542474	SSF x Far_LoA	-9,09038229	0,045	0,304
CHR1	2E+07	CHR1:19542613	SSF x Far_LoA	-9,45496523	-0,028	0,306
CHR1	2E+07	CHR1:19544898	SSF x Far_LoA	-5,32800589	0,017	0,305
CHR1	2E+07	CHR1:19551488	SSF x Far_LoA	-5,80303424	0,044	0,314
CHR1	2E+07	CHR1:19555031	SSF x Far_LoA	-9,65001036	0,040	0,316
CHR1	2E+07	CHR1:19555043	SSF x Far_LoA	-9,94558582	-0,087	0,307
CHR1	2E+07	CHR1:19555091	SSF x Far_LoA	-8,52759996	0,048	0,316
CHR1	2E+07	CHR1:19555199	SSF x Far_LoA	-8,25905546	-0,033	0,314
CHR1	2E+07	CHR1:19570795	SSF x Far_LoA	-9,18374017	0,163	0,294
CHR1	2E+07	CHR1:19570817	SSF x Far_LoA	-7,30271753	-0,094	0,301
CHR1	2E+07	CHR1:19570821	SSF x Far_LoA	-7,83484795	-0,118	0,293
CHR1	2E+07	CHR1:19570853	SSF x Far_LoA	4,79837679	-0,078	0,300
CHR1	2E+07	CHR1:19570895	SSF x Far_LoA	-7,92069956	-0,122	0,309
CHR1	2E+07	CHR1:19570901	SSF x Far_LoA	0,05582624	-0,120	0,300
CHR1	2E+07	CHR1:19576263	SSF x Far_LoA	-7,91238042	0,062	0,315
CHR1	2E+07	CHR1:19576391	SSF x Far_LoA	-7,9123041	0,027	0,311
CHR1	2E+07	CHR1:19576392	SSF x Far_LoA	-9,61901227	0,048	0,306
CHR1	2E+07	CHR1:19578170	SSF x Far_LoA	-11,1329134	-0,123	0,303
CHR1	1958416	CHR1:1958416	SSF x Far_LoA	-10,1287134	-0,092	0,311
CHR1	1958427	CHR1:1958427	SSF x Far_LoA	-7,65616572	0,086	0,280
CHR1	2E+07	CHR1:19592148	SSF x Far_LoA	-8,98830129	0,093	0,307
CHR1	2E+07	CHR1:19592212	SSF x Far_LoA	-9,34892056	-0,107	0,306
CHR1	2E+07	CHR1:19592228	SSF x Far_LoA	-10,5630756	0,074	0,306
CHR1	2E+07	CHR1:19592326	SSF x Far_LoA	-9,79307779	0,067	0,300
CHR1	2E+07	CHR1:19592340	SSF x Far_LoA	-9,6606776	-0,052	0,306
CHR1	2E+07	CHR1:19592381	SSF x Far_LoA	-7,71727017	0,092	0,302

CHR1	2E+07	CHR1:19592385	SSF x Far_LoA	-7,67035797	-0,037	0,321
CHR1	2E+07	CHR1:19592388	SSF x Far_LoA	-11,1521524	0,046	0,302
CHR1	2E+07	CHR1:19592426	SSF x Far_LoA	-10,9017726	0,048	0,296
CHR1	2E+07	CHR1:19592428	SSF x Far_LoA	-10,9114701	0,043	0,309
CHR1	2E+07	CHR1:19604538	SSF x Far_LoA	-6,97332155	0,056	0,311
CHR1	2E+07	CHR1:19604766	SSF x Far_LoA	-9,62696467	-0,013	0,306
CHR1	2E+07	CHR1:19604808	SSF x Far_LoA	-10,4744441	0,008	0,306
CHR1	2E+07	CHR1:19604853	SSF x Far_LoA	-9,75053143	-0,004	0,308
CHR1	2E+07	CHR1:19604857	SSF x Far_LoA	-9,02570494	-0,003	0,302
CHR1	2E+07	CHR1:19604858	SSF x Far_LoA	-11,3807294	-0,019	0,305
CHR1	2E+07	CHR1:19607068	SSF x Far_LoA	-9,02356766	-0,044	0,312
CHR1	2E+07	CHR1:19607083	SSF x Far_LoA	-9,47190142	0,032	0,313
CHR1	2E+07	CHR1:19607179	SSF x Far_LoA	-6,34999326	-0,084	0,314
CHR1	2E+07	CHR1:19607289	SSF x Far_LoA	-9,17374648	0,115	0,300
CHR1	2E+07	CHR1:19609158	SSF x Far_LoA	-9,95371348	0,017	0,297
CHR1	2E+07	CHR1:19609179	SSF x Far_LoA	-8,46361422	-0,143	0,309
CHR1	2E+07	CHR1:19609187	SSF x Far_LoA	-9,19293491	-0,066	0,298
CHR1	2E+07	CHR1:19609247	SSF x Far_LoA	-7,80423564	-0,126	0,306
CHR1	2E+07	CHR1:19609353	SSF x Far_LoA	-9,89466982	-0,026	0,307
CHR1	2E+07	CHR1:19609368	SSF x Far_LoA	-9,23569023	-0,013	0,305
CHR1	2E+07	CHR1:19612617	SSF x Far_LoA	-8,19810731	-0,056	0,316
CHR1	2E+07	CHR1:19612663	SSF x Far_LoA	-11,2823438	-0,064	0,305
CHR1	2E+07	CHR1:19612681	SSF x Far_LoA	-6,57586363	0,078	0,311
CHR1	2E+07	CHR1:19614524	SSF x Far_LoA	-9,67435317	-0,086	0,312
CHR1	2E+07	CHR1:19614647	SSF x Far_LoA	-6,83573322	-0,066	0,313
CHR1	2E+07	CHR1:19618584	SSF x Far_LoA	-9,89174541	0,035	0,314
CHR1	2E+07	CHR1:19618724	SSF x Far_LoA	-10,5171118	0,039	0,305
CHR1	2E+07	CHR1:19631191	SSF x Far_LoA	-10,514163	0,046	0,302
CHR1	2E+07	CHR1:19631250	SSF x Far_LoA	-8,80314373	0,052	0,302
CHR1	2E+07	CHR1:19631280	SSF x Far_LoA	-10,1457555	0,047	0,309
CHR1	2E+07	CHR1:19631288	SSF x Far_LoA	-8,3800092	-0,008	0,315
CHR1	2E+07	CHR1:19634296	SSF x Far_LoA	-10,4748254	0,075	0,307
CHR1	2E+07	CHR1:19634307	SSF x Far_LoA	-5,1501261	0,067	0,300
CHR1	2E+07	CHR1:19634367	SSF x Far_LoA	-4,82340673	0,056	0,300
CHR1	2E+07	CHR1:19634421	SSF x Far_LoA	-9,20594122	0,050	0,301
CHR1	2E+07	CHR1:19634571	SSF x Far_LoA	-11,4359991	-0,121	0,310
CHR1	2E+07	CHR1:19636657	SSF x Far_LoA	-8,66688274	0,010	0,319
CHR1	2E+07	CHR1:19636686	SSF x Far_LoA	-7,73080333	-0,078	0,300
CHR1	2E+07	CHR1:19641033	SSF x Far_LoA	-11,8080195	0,058	0,295
CHR1	2E+07	CHR1:19641036	SSF x Far_LoA	-11,2135308	-0,021	0,296
CHR1	2E+07	CHR1:19641101	SSF x Far_LoA	-9,19079584	0,063	0,297
CHR1	2E+07	CHR1:19641130	SSF x Far_LoA	-11,3918939	-0,002	0,325
CHR1	2E+07	CHR1:19641177	SSF x Far_LoA	-7,75075672	-0,063	0,324
CHR1	2E+07	CHR1:19646287	SSF x Far_LoA	-10,1984972	0,001	0,306
CHR1	2E+07	CHR1:19646288	SSF x Far_LoA	-8,95169859	0,015	0,311
CHR1	2E+07	CHR1:19646311	SSF x Far_LoA	-8,70566475	0,016	0,312
CHR1	2E+07	CHR1:19646322	SSF x Far_LoA	-10,643385	0,091	0,310
CHR1	1965408	CHR1:1965408	SSF x Far_LoA	-6,80849082	-0,160	0,291
CHR1	1965562	CHR1:1965562	SSF x Far_LoA	-8,67805884	-0,057	0,311
CHR1	1965582	CHR1:1965582	SSF x Far_LoA	-8,74091244	0,022	0,302
CHR1	2E+07	CHR1:19659253	SSF x Far_LoA	-8,38440404	-0,099	0,288
CHR1	2E+07	CHR1:19659260	SSF x Far_LoA	-6,74249933	-0,101	0,310
CHR1	2E+07	CHR1:19659270	SSF x Far_LoA	-7,43828709	0,097	0,301

CHR1	2E+07	CHR1:19659271	SSF x Far_LoA	-7,6962956	0,086	0,310
CHR1	2E+07	CHR1:19664302	SSF x Far_LoA	-10,6598444	-0,107	0,293
CHR1	2E+07	CHR1:19664306	SSF x Far_LoA	-6,73053546	0,076	0,318
CHR1	2E+07	CHR1:19664341	SSF x Far_LoA	-9,34662991	-0,007	0,312
CHR1	2E+07	CHR1:19665886	SSF x Far_LoA	-9,51327062	-0,098	0,294
CHR1	2E+07	CHR1:19665903	SSF x Far_LoA	-8,20786361	0,100	0,312
CHR1	2E+07	CHR1:19672192	SSF x Far_LoA	-9,33919238	-0,117	0,287
CHR1	2E+07	CHR1:19672315	SSF x Far_LoA	-6,38502598	0,138	0,302
CHR1	2E+07	CHR1:19672338	SSF x Far_LoA	-9,57122385	0,027	0,317
CHR1	2E+07	CHR1:19672372	SSF x Far_LoA	-8,59301333	-0,037	0,308
CHR1	2E+07	CHR1:19672381	SSF x Far_LoA	-4,19507861	0,135	0,300
CHR1	2E+07	CHR1:19679441	SSF x Far_LoA	-11,6307332	0,018	0,313
CHR1	2E+07	CHR1:19686392	SSF x Far_LoA	-9,69189222	0,037	0,300
CHR1	2E+07	CHR1:19686418	SSF x Far_LoA	-11,3038542	-0,073	0,304
CHR1	2E+07	CHR1:19686463	SSF x Far_LoA	-11,0045963	-0,049	0,300
CHR1	2E+07	CHR1:19686505	SSF x Far_LoA	-8,68562687	0,052	0,298
CHR1	2E+07	CHR1:19686767	SSF x Far_LoA	-8,21513525	-0,126	0,294
CHR1	2E+07	CHR1:19686775	SSF x Far_LoA	-2,13505556	-0,140	0,298
CHR1	2E+07	CHR1:19686789	SSF x Far_LoA	-11,4170673	0,144	0,289
CHR1	2E+07	CHR1:19686797	SSF x Far_LoA	-8,664966	0,002	0,321
CHR1	2E+07	CHR1:19686804	SSF x Far_LoA	-9,46870861	0,098	0,300
CHR1	2E+07	CHR1:19686822	SSF x Far_LoA	-8,80296008	0,056	0,303
CHR1	2E+07	CHR1:19686826	SSF x Far_LoA	-10,5216385	-0,072	0,304
CHR1	2E+07	CHR1:19686877	SSF x Far_LoA	-8,70100758	0,053	0,297
CHR1	2E+07	CHR1:19691372	SSF x Far_LoA	-5,25458694	-0,132	0,312
CHR1	2E+07	CHR1:19691381	SSF x Far_LoA	-10,501835	-0,089	0,303
CHR1	2E+07	CHR1:19691419	SSF x Far_LoA	-7,86401148	-0,076	0,317
CHR1	2E+07	CHR1:19691488	SSF x Far_LoA	-8,2539875	-0,093	0,310
CHR1	2E+07	CHR1:19695488	SSF x Far_LoA	-8,62833869	-0,087	0,310
CHR1	2E+07	CHR1:19695500	SSF x Far_LoA	-9,77377333	0,123	0,314
CHR1	2E+07	CHR1:19695527	SSF x Far_LoA	-9,37508665	-0,081	0,297
CHR1	2E+07	CHR1:19695597	SSF x Far_LoA	-8,66397088	0,005	0,307
CHR1	2E+07	CHR1:19695639	SSF x Far_LoA	-11,4646286	0,031	0,318
CHR1	2E+07	CHR1:19695653	SSF x Far_LoA	-9,43414885	0,066	0,311
CHR1	2E+07	CHR1:19700022	SSF x Far_LoA	-7,53255369	0,133	0,302
CHR1	2E+07	CHR1:19700146	SSF x Far_LoA	-5,52509686	-0,154	0,292
CHR1	2E+07	CHR1:19700149	SSF x Far_LoA	-10,3717874	0,051	0,310
CHR1	2E+07	CHR1:19700214	SSF x Far_LoA	-9,04590986	0,036	0,297
CHR1	2E+07	CHR1:19708353	SSF x Far_LoA	-11,352364	0,038	0,303
CHR1	2E+07	CHR1:19713926	SSF x Far_LoA	-8,62624995	0,059	0,288
CHR1	2E+07	CHR1:19713956	SSF x Far_LoA	-3,06067671	-0,114	0,306
CHR1	2E+07	CHR1:19713966	SSF x Far_LoA	-6,84684831	-0,129	0,315
CHR1	2E+07	CHR1:19713985	SSF x Far_LoA	-9,51787444	0,108	0,305
CHR1	2E+07	CHR1:19713988	SSF x Far_LoA	-8,1584196	0,126	0,293
CHR1	2E+07	CHR1:19713993	SSF x Far_LoA	-7,93715771	-0,054	0,297
CHR1	2E+07	CHR1:19713994	SSF x Far_LoA	-7,73334504	0,110	0,289
CHR1	2E+07	CHR1:19717391	SSF x Far_LoA	-8,35337821	-0,041	0,316
CHR1	2E+07	CHR1:19717416	SSF x Far_LoA	-11,1375683	0,044	0,301
CHR1	2E+07	CHR1:19717419	SSF x Far_LoA	-11,0322664	-0,005	0,309
CHR1	2E+07	CHR1:19717425	SSF x Far_LoA	-11,5913729	0,014	0,311
CHR1	2E+07	CHR1:19717458	SSF x Far_LoA	-11,7025845	0,039	0,302
CHR1	2E+07	CHR1:19717459	SSF x Far_LoA	-10,5766702	0,085	0,308
CHR1	2E+07	CHR1:19717675	SSF x Far_LoA	-9,1352627	-0,084	0,290

CHR1	2E+07	CHR1:19729334	SSF x Far_LoA	-7,85911606	-0,057	0,301
CHR1	2E+07	CHR1:19729354	SSF x Far_LoA	-7,91761419	-0,065	0,311
CHR1	2E+07	CHR1:19733299	SSF x Far_LoA	-7,85543615	-0,084	0,306
CHR1	2E+07	CHR1:19744549	SSF x Far_LoA	-9,69122974	-0,138	0,301
CHR1	2E+07	CHR1:19744588	SSF x Far_LoA	-10,7271317	0,012	0,305
CHR1	2E+07	CHR1:19750315	SSF x Far_LoA	-8,97883992	-0,011	0,307
CHR1	2E+07	CHR1:19764907	SSF x Far_LoA	-9,65061402	-0,151	0,291
CHR1	2E+07	CHR1:19768923	SSF x Far_LoA	-9,42557316	-0,100	0,300
CHR1	2E+07	CHR1:19768965	SSF x Far_LoA	-10,7619819	0,074	0,300
CHR1	2E+07	CHR1:19769087	SSF x Far_LoA	-7,59352789	0,094	0,315
CHR1	2E+07	CHR1:19770801	SSF x Far_LoA	-11,2528811	0,013	0,302
CHR1	2E+07	CHR1:19772461	SSF x Far_LoA	-9,53086786	-0,025	0,305
CHR1	2E+07	CHR1:19782572	SSF x Far_LoA	-11,339779	0,018	0,312
CHR1	2E+07	CHR1:19782653	SSF x Far_LoA	-6,54108087	-0,146	0,304
CHR1	2E+07	CHR1:19782655	SSF x Far_LoA	-6,36611497	-0,126	0,312
CHR1	2E+07	CHR1:19782657	SSF x Far_LoA	-7,42651123	-0,113	0,296
CHR1	2E+07	CHR1:19786593	SSF x Far_LoA	-9,68864065	-0,087	0,305
CHR1	2E+07	CHR1:19786855	SSF x Far_LoA	-8,61555207	0,167	0,295
CHR1	2E+07	CHR1:19807622	SSF x Far_LoA	-8,80350983	0,012	0,308
CHR1	2E+07	CHR1:19807662	SSF x Far_LoA	-10,0945424	-0,055	0,311
CHR1	2E+07	CHR1:19807709	SSF x Far_LoA	-11,2101233	-0,066	0,307
CHR1	2E+07	CHR1:19807717	SSF x Far_LoA	-6,85482661	-0,095	0,307
CHR1	2E+07	CHR1:19815515	SSF x Far_LoA	-7,65523668	-0,198	0,286
CHR1	2E+07	CHR1:19815651	SSF x Far_LoA	-8,45184546	-0,014	0,298
CHR1	2E+07	CHR1:19819688	SSF x Far_LoA	-7,86615062	-0,134	0,295
CHR1	2E+07	CHR1:19819699	SSF x Far_LoA	-8,79081316	-0,028	0,300
CHR1	2E+07	CHR1:19820529	SSF x Far_LoA	-11,1039174	0,001	0,314
CHR1	2E+07	CHR1:19822179	SSF x Far_LoA	-11,2244548	0,004	0,291
CHR1	1982251	CHR1:1982251	SSF x Far_LoA	-12,4185591	0,056	0,290
CHR1	1982271	CHR1:1982271	SSF x Far_LoA	-9,26222684	0,048	0,294
CHR1	1982276	CHR1:1982276	SSF x Far_LoA	-8,47198417	-0,087	0,302
CHR1	1982305	CHR1:1982305	SSF x Far_LoA	-2,3177496	0,053	0,308
CHR1	2E+07	CHR1:19826944	SSF x Far_LoA	-7,28250137	0,037	0,306
CHR1	2E+07	CHR1:19841290	SSF x Far_LoA	-9,7496343	-0,130	0,313
CHR1	2E+07	CHR1:19859584	SSF x Far_LoA	-8,946457	-0,042	0,301
CHR1	1986171	CHR1:1986171	SSF x Far_LoA	-9,29503995	-0,092	0,292
CHR1	1986252	CHR1:1986252	SSF x Far_LoA	-6,24126651	-0,195	0,294
CHR1	2E+07	CHR1:19895986	SSF x Far_LoA	-7,25759602	0,185	0,291
CHR1	1990811	CHR1:1990811	SSF x Far_LoA	-10,8389845	-0,025	0,301
CHR1	2E+07	CHR1:19913208	SSF x Far_LoA	-11,5295115	-0,021	0,309
CHR1	2E+07	CHR1:19913258	SSF x Far_LoA	-10,1106408	-0,052	0,316
CHR1	2E+07	CHR1:19928979	SSF x Far_LoA	-8,78283017	-0,011	0,319
CHR1	2E+07	CHR1:19938775	SSF x Far_LoA	-8,25739891	-0,130	0,308
CHR1	2E+07	CHR1:19939436	SSF x Far_LoA	-10,1132697	-0,031	0,312
CHR1	2E+07	CHR1:19957431	SSF x Far_LoA	-10,0139687	-0,042	0,309
CHR1	2E+07	CHR1:19957437	SSF x Far_LoA	-11,0026458	-0,052	0,309
CHR1	2E+07	CHR1:19957438	SSF x Far_LoA	-11,0186404	-0,044	0,299
CHR1	2E+07	CHR1:19957442	SSF x Far_LoA	-11,2506915	-0,049	0,294
CHR1	2E+07	CHR1:19957446	SSF x Far_LoA	-11,1695088	-0,033	0,303
CHR1	2E+07	CHR1:19957453	SSF x Far_LoA	-10,5402778	-0,047	0,303
CHR1	2E+07	CHR1:19957478	SSF x Far_LoA	-8,14060535	0,031	0,305
CHR1	2E+07	CHR1:19957547	SSF x Far_LoA	-9,22992032	-0,041	0,295
CHR1	2E+07	CHR1:19957553	SSF x Far_LoA	-9,38949698	-0,045	0,301

CHR1	2E+07	CHR1:19957622	SSF x Far_LoA	-9,06058532	-0,041	0,305
CHR1	2E+07	CHR1:19957675	SSF x Far_LoA	-10,2339378	0,034	0,304
CHR1	2E+07	CHR1:19957688	SSF x Far_LoA	-8,89339245	0,037	0,303
CHR1	2E+07	CHR1:19957694	SSF x Far_LoA	-8,3572813	-0,054	0,298
CHR1	2E+07	CHR1:19963351	SSF x Far_LoA	-9,95105873	0,055	0,307
CHR1	2E+07	CHR1:19963772	SSF x Far_LoA	-7,57842055	-0,111	0,305
CHR1	2E+07	CHR1:19963775	SSF x Far_LoA	-6,8888533	0,143	0,307
CHR1	2E+07	CHR1:19963787	SSF x Far_LoA	-8,49707865	-0,066	0,317
CHR1	2E+07	CHR1:19963823	SSF x Far_LoA	-7,37939543	0,096	0,296
CHR1	2E+07	CHR1:19963843	SSF x Far_LoA	-10,3670591	0,054	0,319
CHR1	2E+07	CHR1:19963849	SSF x Far_LoA	-8,06219021	-0,028	0,316
CHR1	2E+07	CHR1:19963850	SSF x Far_LoA	-9,14464185	0,088	0,311
CHR1	2E+07	CHR1:19963868	SSF x Far_LoA	-10,9645467	0,103	0,296
CHR1	2E+07	CHR1:19963872	SSF x Far_LoA	-10,6535198	0,057	0,312
CHR1	2E+07	CHR1:19963894	SSF x Far_LoA	-9,16770572	-0,037	0,320
CHR1	2E+07	CHR1:19963902	SSF x Far_LoA	-12,0634204	0,062	0,295
CHR1	2E+07	CHR1:19969586	SSF x Far_LoA	-10,4546195	0,028	0,295
CHR1	2E+07	CHR1:19969648	SSF x Far_LoA	-11,8695219	-0,017	0,312
CHR1	1997049	CHR1:1997049	SSF x Far_LoA	-11,9022952	-0,096	0,313
CHR1	1997067	CHR1:1997067	SSF x Far_LoA	-9,30837623	-0,143	0,308
CHR1	1997139	CHR1:1997139	SSF x Far_LoA	-9,65766128	0,025	0,315
CHR1	2E+07	CHR1:19974915	SSF x Far_LoA	-9,30484539	-0,103	0,307
CHR1	2E+07	CHR1:19974980	SSF x Far_LoA	-9,81896902	-0,037	0,304
CHR1	2E+07	CHR1:19974983	SSF x Far_LoA	-10,4158252	0,066	0,314
CHR1	2E+07	CHR1:19975044	SSF x Far_LoA	-7,98744552	-0,012	0,302
CHR1	2E+07	CHR1:19975124	SSF x Far_LoA	-8,90781356	-0,093	0,306
CHR1	1997898	CHR1:1997898	SSF x Far_LoA	-6,99344515	0,049	0,312
CHR1	1997967	CHR1:1997967	SSF x Far_LoA	-8,74866271	-0,068	0,305
CHR1	1998003	CHR1:1998003	SSF x Far_LoA	-9,81589636	0,018	0,306
CHR1	1998041	CHR1:1998041	SSF x Far_LoA	-8,07992984	-0,075	0,300
CHR1	1998195	CHR1:1998195	SSF x Far_LoA	-11,7111308	-0,010	0,323
CHR1	2E+07	CHR1:19996212	SSF x Far_LoA	-8,76312356	0,007	0,303
CHR1	2E+07	CHR1:20000183	SSF x Far_LoA	-7,71813635	0,015	0,306
CHR1	2E+07	CHR1:20000254	SSF x Far_LoA	-7,24863512	-0,056	0,310
CHR1	2E+07	CHR1:20000262	SSF x Far_LoA	-10,2011434	0,043	0,296
CHR1	2E+07	CHR1:20004790	SSF x Far_LoA	-10,944047	0,038	0,306
CHR1	2E+07	CHR1:20011394	SSF x Far_LoA	-10,2248799	-0,021	0,303
CHR1	2E+07	CHR1:20014680	SSF x Far_LoA	-10,5173205	0,020	0,291
CHR1	2E+07	CHR1:20014736	SSF x Far_LoA	-9,84883079	-0,039	0,306
CHR1	2E+07	CHR1:20017560	SSF x Far_LoA	-10,1094644	0,033	0,307
CHR1	2E+07	CHR1:20020949	SSF x Far_LoA	-7,97897573	-0,134	0,308
CHR1	2E+07	CHR1:20020997	SSF x Far_LoA	-11,4197751	-0,026	0,303
CHR1	2E+07	CHR1:20024733	SSF x Far_LoA	-11,638751	-0,075	0,299
CHR1	2002683	CHR1:2002683	SSF x Far_LoA	-8,67254722	-0,058	0,297
CHR1	2E+07	CHR1:20032990	SSF x Far_LoA	-9,15631394	-0,078	0,289
CHR1	2E+07	CHR1:20033164	SSF x Far_LoA	-8,71902486	0,031	0,296
CHR1	2004413	CHR1:2004413	SSF x Far_LoA	-1,17907914	0,225	0,301
CHR1	2E+07	CHR1:20044376	SSF x Far_LoA	-9,44663842	0,047	0,309
CHR1	2E+07	CHR1:20045699	SSF x Far_LoA	-8,15573129	-0,039	0,303
CHR1	2E+07	CHR1:20045700	SSF x Far_LoA	-8,19198475	-0,007	0,326
CHR1	2E+07	CHR1:20049590	SSF x Far_LoA	-10,3753949	0,057	0,312
CHR1	2E+07	CHR1:20049793	SSF x Far_LoA	-7,37550452	-0,069	0,322
CHR1	2E+07	CHR1:20049840	SSF x Far_LoA	-11,5286036	-0,053	0,303

CHR1	2E+07	CHR1:20064220	SSF x Far_LoA	-9,65170401	0,036	0,321
CHR1	2E+07	CHR1:20064413	SSF x Far_LoA	-8,44665137	0,167	0,310
CHR1	2E+07	CHR1:20064491	SSF x Far_LoA	-8,59137328	-0,081	0,310
CHR1	2E+07	CHR1:20066900	SSF x Far_LoA	-12,3591719	0,000	0,301
CHR1	2E+07	CHR1:20066931	SSF x Far_LoA	-9,4727929	-0,038	0,302
CHR1	2E+07	CHR1:20067076	SSF x Far_LoA	-10,885774	-0,054	0,299
CHR1	2E+07	CHR1:20073023	SSF x Far_LoA	-9,40905278	0,010	0,311
CHR1	2E+07	CHR1:20073079	SSF x Far_LoA	-8,53142106	-0,017	0,295
CHR1	2E+07	CHR1:20073612	SSF x Far_LoA	-10,3336936	-0,044	0,293
CHR1	2E+07	CHR1:20076469	SSF x Far_LoA	-8,43216478	0,067	0,319
CHR1	2E+07	CHR1:20076519	SSF x Far_LoA	-9,98738901	-0,026	0,313
CHR1	2E+07	CHR1:20077979	SSF x Far_LoA	-8,59020506	0,077	0,303
CHR1	2E+07	CHR1:20077987	SSF x Far_LoA	-7,89563762	-0,164	0,311
CHR1	2E+07	CHR1:20078200	SSF x Far_LoA	-9,49235892	0,091	0,307
CHR1	2E+07	CHR1:20082322	SSF x Far_LoA	-7,0352082	0,101	0,316
CHR1	2E+07	CHR1:20082325	SSF x Far_LoA	-6,74597745	-0,013	0,311
CHR1	2E+07	CHR1:20082330	SSF x Far_LoA	-11,7683616	-0,009	0,304
CHR1	2E+07	CHR1:20082344	SSF x Far_LoA	-7,77750398	0,139	0,295
CHR1	2E+07	CHR1:20082373	SSF x Far_LoA	-10,0500107	0,031	0,306
CHR1	2E+07	CHR1:20082646	SSF x Far_LoA	-8,65236569	-0,092	0,302
CHR1	2E+07	CHR1:20082647	SSF x Far_LoA	-9,51295713	-0,094	0,294
CHR1	2E+07	CHR1:20088078	SSF x Far_LoA	-9,03788189	0,019	0,298
CHR1	2E+07	CHR1:20088089	SSF x Far_LoA	-11,3416923	0,012	0,317
CHR1	2E+07	CHR1:20088114	SSF x Far_LoA	-9,41958793	-0,017	0,303
CHR1	2E+07	CHR1:20088125	SSF x Far_LoA	-6,23046131	0,032	0,317
CHR1	2E+07	CHR1:20088140	SSF x Far_LoA	-6,72968408	0,099	0,305
CHR1	2E+07	CHR1:20092519	SSF x Far_LoA	-10,38886	0,046	0,300
CHR1	2E+07	CHR1:20092609	SSF x Far_LoA	-9,10732757	-0,048	0,311
CHR1	2009589	CHR1:2009589	SSF x Far_LoA	-9,33637392	-0,005	0,314
CHR1	2009614	CHR1:2009614	SSF x Far_LoA	-7,77399255	-0,095	0,314
CHR1	2E+07	CHR1:20102144	SSF x Far_LoA	-8,77481619	0,018	0,321
CHR1	2E+07	CHR1:20102282	SSF x Far_LoA	-7,12457944	-0,035	0,319
CHR1	2E+07	CHR1:20120795	SSF x Far_LoA	-11,3740869	0,030	0,322
CHR1	2E+07	CHR1:20121236	SSF x Far_LoA	-3,90936079	0,106	0,287
CHR1	2012167	CHR1:2012167	SSF x Far_LoA	-3,87245398	0,000	0,301
CHR1	2012182	CHR1:2012182	SSF x Far_LoA	-5,37683591	0,048	0,304
CHR1	2012234	CHR1:2012234	SSF x Far_LoA	-9,70459804	-0,058	0,303
CHR1	2E+07	CHR1:20123747	SSF x Far_LoA	-9,03899281	-0,053	0,314
CHR1	2E+07	CHR1:20123780	SSF x Far_LoA	-9,70402206	-0,114	0,304
CHR1	2E+07	CHR1:20123791	SSF x Far_LoA	-11,1251695	0,001	0,305
CHR1	2E+07	CHR1:20123798	SSF x Far_LoA	-12,2403173	-0,068	0,304
CHR1	2E+07	CHR1:20123813	SSF x Far_LoA	-12,1318551	-0,022	0,291
CHR1	2E+07	CHR1:20133828	SSF x Far_LoA	-9,76148869	0,089	0,318
CHR1	2E+07	CHR1:20133975	SSF x Far_LoA	-7,68457673	-0,133	0,313
CHR1	2E+07	CHR1:20137342	SSF x Far_LoA	-9,55983364	-0,127	0,322
CHR1	2E+07	CHR1:20137411	SSF x Far_LoA	-11,9717379	0,039	0,309
CHR1	2E+07	CHR1:20146489	SSF x Far_LoA	-9,20856832	-0,087	0,299
CHR1	2E+07	CHR1:20156663	SSF x Far_LoA	-10,6447396	0,021	0,311
CHR1	2E+07	CHR1:20156871	SSF x Far_LoA	-9,93762595	0,063	0,299
CHR1	2E+07	CHR1:20156879	SSF x Far_LoA	-8,9370378	-0,003	0,293
CHR1	2E+07	CHR1:20166199	SSF x Far_LoA	-9,92830464	-0,100	0,310
CHR1	2E+07	CHR1:20176917	SSF x Far_LoA	-6,9195691	-0,133	0,293
CHR1	2E+07	CHR1:20183028	SSF x Far_LoA	-9,42947668	-0,120	0,309

CHR1	2E+07	CHR1:20183033	SSF x Far_LoA	-9,77149648	-0,051	0,305
CHR1	2E+07	CHR1:20183113	SSF x Far_LoA	-10,9483478	-0,031	0,308
CHR1	2E+07	CHR1:20183164	SSF x Far_LoA	-9,52492903	-0,001	0,290
CHR1	2E+07	CHR1:20183166	SSF x Far_LoA	-9,14703918	-0,009	0,309
CHR1	2E+07	CHR1:20203228	SSF x Far_LoA	-10,0613128	-0,031	0,317
CHR1	2E+07	CHR1:20203914	SSF x Far_LoA	-11,2132642	0,000	0,301
CHR1	2E+07	CHR1:20203960	SSF x Far_LoA	-9,08770961	-0,083	0,319
CHR1	2E+07	CHR1:20204090	SSF x Far_LoA	-9,49573221	0,045	0,303
CHR1	2E+07	CHR1:20204093	SSF x Far_LoA	-9,29107772	0,031	0,294
CHR1	2020561	CHR1:2020561	SSF x Far_LoA	-9,73002724	-0,130	0,298
CHR1	2020777	CHR1:2020777	SSF x Far_LoA	-2,50394264	0,102	0,305
CHR1	2E+07	CHR1:20211601	SSF x Far_LoA	-9,36695809	-0,058	0,306
CHR1	2E+07	CHR1:20211696	SSF x Far_LoA	-10,7409261	-0,061	0,315
CHR1	2E+07	CHR1:20211733	SSF x Far_LoA	-9,19060932	0,060	0,296
CHR1	2E+07	CHR1:20211750	SSF x Far_LoA	-6,37222839	-0,133	0,311
CHR1	2E+07	CHR1:20214711	SSF x Far_LoA	-8,5130438	-0,028	0,316
CHR1	2E+07	CHR1:20224504	SSF x Far_LoA	-11,2003147	0,100	0,315
CHR1	2E+07	CHR1:20224509	SSF x Far_LoA	-10,7398043	-0,029	0,309
CHR1	2E+07	CHR1:20224516	SSF x Far_LoA	-8,47369859	0,156	0,296
CHR1	2E+07	CHR1:20224562	SSF x Far_LoA	-9,37738363	-0,037	0,309
CHR1	2E+07	CHR1:20224681	SSF x Far_LoA	-8,96908915	-0,061	0,304
CHR1	2E+07	CHR1:20224698	SSF x Far_LoA	-9,15449524	-0,002	0,304
CHR1	2E+07	CHR1:20224786	SSF x Far_LoA	-11,0286415	0,050	0,299
CHR1	2E+07	CHR1:20224787	SSF x Far_LoA	-10,2455553	-0,035	0,312
CHR1	2E+07	CHR1:20224788	SSF x Far_LoA	-8,59578795	0,062	0,315
CHR1	2E+07	CHR1:20224792	SSF x Far_LoA	-8,1118243	0,021	0,300
CHR1	2E+07	CHR1:20232181	SSF x Far_LoA	-9,07267642	0,077	0,308
CHR1	2E+07	CHR1:20232225	SSF x Far_LoA	-8,79083698	-0,033	0,306
CHR1	2E+07	CHR1:20232285	SSF x Far_LoA	-9,82604082	0,043	0,308
CHR1	2E+07	CHR1:20259734	SSF x Far_LoA	-9,21327908	0,090	0,310
CHR1	2E+07	CHR1:20264751	SSF x Far_LoA	-2,30583468	-0,084	0,320
CHR1	2E+07	CHR1:20264758	SSF x Far_LoA	-8,69899627	-0,115	0,296
CHR1	2E+07	CHR1:20264952	SSF x Far_LoA	-8,81156147	-0,081	0,308
CHR1	2E+07	CHR1:20264993	SSF x Far_LoA	-5,35815225	0,017	0,310
CHR1	2E+07	CHR1:20265017	SSF x Far_LoA	-10,8615949	0,101	0,303
CHR1	2E+07	CHR1:20277736	SSF x Far_LoA	-10,6884745	0,029	0,305
CHR1	2E+07	CHR1:20283467	SSF x Far_LoA	-9,28887713	-0,127	0,305
CHR1	2E+07	CHR1:20283490	SSF x Far_LoA	-10,9081291	0,025	0,290
CHR1	2E+07	CHR1:20283502	SSF x Far_LoA	-10,6496377	0,012	0,293
CHR1	2E+07	CHR1:20283554	SSF x Far_LoA	-7,33020248	-0,110	0,305
CHR1	2E+07	CHR1:20283598	SSF x Far_LoA	-11,7689711	-0,030	0,305
CHR1	2E+07	CHR1:20285997	SSF x Far_LoA	-10,1414298	0,048	0,292
CHR1	2E+07	CHR1:20286022	SSF x Far_LoA	-5,0418542	0,163	0,310
CHR1	2E+07	CHR1:20293374	SSF x Far_LoA	-7,33921235	-0,130	0,317
CHR1	2E+07	CHR1:20293492	SSF x Far_LoA	-8,00195586	0,045	0,300
CHR1	2E+07	CHR1:20293530	SSF x Far_LoA	-11,9065015	-0,029	0,306
CHR1	2E+07	CHR1:20294306	SSF x Far_LoA	-9,37247859	-0,017	0,313
CHR1	2E+07	CHR1:20294307	SSF x Far_LoA	-8,81560972	-0,090	0,314
CHR1	2E+07	CHR1:20294363	SSF x Far_LoA	-9,97891208	-0,117	0,312
CHR1	2E+07	CHR1:20301897	SSF x Far_LoA	-9,4492011	0,071	0,310
CHR1	2E+07	CHR1:20301911	SSF x Far_LoA	-7,29335988	0,088	0,294
CHR1	2E+07	CHR1:20301949	SSF x Far_LoA	-9,05270661	-0,083	0,306
CHR1	2E+07	CHR1:20301960	SSF x Far_LoA	-8,07986168	-0,039	0,323

CHR1	2E+07	CHR1:20302041	SSF x Far_LoA	-11,4830482	-0,028	0,300
CHR1	2E+07	CHR1:20302060	SSF x Far_LoA	-6,84923901	0,146	0,307
CHR1	2E+07	CHR1:20304234	SSF x Far_LoA	-8,5005759	-0,071	0,303
CHR1	2E+07	CHR1:20304333	SSF x Far_LoA	-10,0627092	-0,065	0,296
CHR1	2E+07	CHR1:20304381	SSF x Far_LoA	-10,9899821	0,000	0,306
CHR1	2E+07	CHR1:20304398	SSF x Far_LoA	-11,2127162	0,047	0,312
CHR1	2E+07	CHR1:20304471	SSF x Far_LoA	-11,4099113	-0,104	0,286
CHR1	2E+07	CHR1:20328864	SSF x Far_LoA	-8,53778166	-0,144	0,304
CHR1	2E+07	CHR1:20337173	SSF x Far_LoA	-11,8322836	-0,012	0,317
CHR1	2E+07	CHR1:20337249	SSF x Far_LoA	-11,797429	0,024	0,308
CHR1	2E+07	CHR1:20337277	SSF x Far_LoA	-9,37291037	-0,048	0,310
CHR1	2E+07	CHR1:20348182	SSF x Far_LoA	-11,4899173	-0,037	0,290
CHR1	2E+07	CHR1:20348288	SSF x Far_LoA	-8,92566215	0,062	0,306
CHR1	2E+07	CHR1:20349903	SSF x Far_LoA	-9,63121945	0,018	0,309
CHR1	2E+07	CHR1:20359674	SSF x Far_LoA	-11,7127062	-0,005	0,298
CHR1	2E+07	CHR1:20362133	SSF x Far_LoA	-8,60789015	-0,020	0,320
CHR1	2E+07	CHR1:20363522	SSF x Far_LoA	-9,64292276	-0,052	0,306
CHR1	2E+07	CHR1:20383381	SSF x Far_LoA	-9,54901362	0,135	0,294
CHR1	2E+07	CHR1:20383386	SSF x Far_LoA	-9,11318466	0,081	0,312
CHR1	2E+07	CHR1:20383404	SSF x Far_LoA	-10,9159558	0,022	0,292
CHR1	2E+07	CHR1:20383407	SSF x Far_LoA	-9,87167041	0,042	0,309
CHR1	2E+07	CHR1:20383414	SSF x Far_LoA	-10,5122866	0,032	0,309
CHR1	2E+07	CHR1:20383416	SSF x Far_LoA	-7,08874531	-0,050	0,308
CHR1	2E+07	CHR1:20388746	SSF x Far_LoA	-10,2766016	0,018	0,300
CHR1	2E+07	CHR1:20388761	SSF x Far_LoA	-8,87750338	-0,035	0,315
CHR1	2E+07	CHR1:20388762	SSF x Far_LoA	-10,3545714	0,106	0,305
CHR1	2E+07	CHR1:20388775	SSF x Far_LoA	-5,11082084	0,068	0,308
CHR1	2E+07	CHR1:20406010	SSF x Far_LoA	-8,17658515	-0,151	0,303
CHR1	2E+07	CHR1:20406097	SSF x Far_LoA	-9,4711466	-0,063	0,307
CHR1	2E+07	CHR1:20406118	SSF x Far_LoA	-12,39859	-0,020	0,314
CHR1	2E+07	CHR1:20406170	SSF x Far_LoA	-12,3596371	0,035	0,298
CHR1	2E+07	CHR1:20406198	SSF x Far_LoA	-9,80851275	-0,113	0,301
CHR1	2E+07	CHR1:20426372	SSF x Far_LoA	-11,1613035	0,062	0,307
CHR1	2E+07	CHR1:20426450	SSF x Far_LoA	-10,1246844	-0,067	0,298
CHR1	2E+07	CHR1:20426604	SSF x Far_LoA	-8,119593	-0,001	0,305
CHR1	2E+07	CHR1:20430210	SSF x Far_LoA	-11,0861308	0,041	0,308
CHR1	204403	CHR1:204403	SSF x Far_LoA	-10,5699026	-0,151	0,314
CHR1	2E+07	CHR1:20442871	SSF x Far_LoA	-6,59414089	0,176	0,300
CHR1	2E+07	CHR1:20442877	SSF x Far_LoA	-9,405937	-0,048	0,295
CHR1	204458	CHR1:204458	SSF x Far_LoA	-8,82153091	-0,001	0,303
CHR1	204678	CHR1:204678	SSF x Far_LoA	-5,98942729	-0,192	0,307
CHR1	2E+07	CHR1:20474259	SSF x Far_LoA	-11,4026732	-0,044	0,290
CHR1	2E+07	CHR1:20484463	SSF x Far_LoA	-8,0939646	-0,085	0,308
CHR1	2E+07	CHR1:20484508	SSF x Far_LoA	-6,48456077	-0,135	0,308
CHR1	2E+07	CHR1:20484527	SSF x Far_LoA	-9,55598427	0,017	0,297
CHR1	2E+07	CHR1:20484635	SSF x Far_LoA	-7,33616265	0,122	0,314
CHR1	20505045	CHR1:20505045	SSF x Far_LoA	-9,78196841	-0,057	0,311
CHR1	20505090	CHR1:20505090	SSF x Far_LoA	-10,6434988	-0,049	0,309
CHR1	20505189	CHR1:20505189	SSF x Far_LoA	-9,61292124	-0,012	0,293
CHR1	20510578	CHR1:20510578	SSF x Far_LoA	-9,12706332	0,006	0,307
CHR1	20510600	CHR1:20510600	SSF x Far_LoA	-10,8183901	-0,061	0,305
CHR1	20518444	CHR1:20518444	SSF x Far_LoA	-9,59501679	0,014	0,323
CHR1	20518532	CHR1:20518532	SSF x Far_LoA	-9,73573711	-0,011	0,303

CHR1	20518549	CHR1:20518549	SSF x Far_LoA	-9,65336488	-0,029	0,309
CHR1	20537347	CHR1:20537347	SSF x Far_LoA	-9,81633093	0,084	0,314
CHR1	20539731	CHR1:20539731	SSF x Far_LoA	-9,66213584	-0,046	0,301
CHR1	20539830	CHR1:20539830	SSF x Far_LoA	-7,12605992	-0,167	0,308
CHR1	20539848	CHR1:20539848	SSF x Far_LoA	-8,99209178	-0,002	0,307
CHR1	20545726	CHR1:20545726	SSF x Far_LoA	-8,58846717	-0,003	0,318
CHR1	20548683	CHR1:20548683	SSF x Far_LoA	-11,3799802	0,042	0,311
CHR1	20548706	CHR1:20548706	SSF x Far_LoA	-9,41609861	-0,043	0,310
CHR1	20548752	CHR1:20548752	SSF x Far_LoA	-8,38477446	0,028	0,314
CHR1	20554262	CHR1:20554262	SSF x Far_LoA	-8,73629606	0,088	0,296
CHR1	20554386	CHR1:20554386	SSF x Far_LoA	-7,78121767	0,155	0,298
CHR1	20556990	CHR1:20556990	SSF x Far_LoA	-8,86051605	0,050	0,301
CHR1	20559102	CHR1:20559102	SSF x Far_LoA	-11,5752787	-0,036	0,314
CHR1	20559132	CHR1:20559132	SSF x Far_LoA	-9,02738125	-0,131	0,302
CHR1	20559222	CHR1:20559222	SSF x Far_LoA	-7,62680931	-0,174	0,301
CHR1	20559305	CHR1:20559305	SSF x Far_LoA	-9,46489653	0,084	0,304
CHR1	20562368	CHR1:20562368	SSF x Far_LoA	-7,39080617	-0,050	0,313
CHR1	20562565	CHR1:20562565	SSF x Far_LoA	-8,1782273	-0,073	0,313
CHR1	20575441	CHR1:20575441	SSF x Far_LoA	-7,21558662	0,081	0,317
CHR1	20575534	CHR1:20575534	SSF x Far_LoA	-8,53839616	0,041	0,311
CHR1	20575549	CHR1:20575549	SSF x Far_LoA	-6,94723059	0,050	0,305
CHR1	20575553	CHR1:20575553	SSF x Far_LoA	-9,18086737	-0,116	0,303
CHR1	20575622	CHR1:20575622	SSF x Far_LoA	-7,35051303	0,124	0,323
CHR1	20581601	CHR1:20581601	SSF x Far_LoA	-11,6138199	-0,110	0,311
CHR1	20590955	CHR1:20590955	SSF x Far_LoA	-11,0556241	-0,010	0,313
CHR1	20590991	CHR1:20590991	SSF x Far_LoA	-10,186024	-0,002	0,307
CHR1	20591192	CHR1:20591192	SSF x Far_LoA	-8,43306285	-0,080	0,310
CHR1	20591200	CHR1:20591200	SSF x Far_LoA	-8,69504303	0,006	0,306
CHR1	20591205	CHR1:20591205	SSF x Far_LoA	-11,4784683	0,001	0,309
CHR1	20595232	CHR1:20595232	SSF x Far_LoA	-7,55405456	-0,159	0,305
CHR1	2060329	CHR1:2060329	SSF x Far_LoA	-8,47406164	-0,067	0,303
CHR1	2060467	CHR1:2060467	SSF x Far_LoA	-7,64677644	0,040	0,310
CHR1	20604887	CHR1:20604887	SSF x Far_LoA	-10,2553168	0,020	0,326
CHR1	20604905	CHR1:20604905	SSF x Far_LoA	-9,98671197	-0,133	0,306
CHR1	20604942	CHR1:20604942	SSF x Far_LoA	-7,61777912	0,014	0,304
CHR1	20622706	CHR1:20622706	SSF x Far_LoA	-6,53024967	-0,004	0,312
CHR1	20622754	CHR1:20622754	SSF x Far_LoA	-10,4120365	-0,036	0,308
CHR1	2068759	CHR1:2068759	SSF x Far_LoA	-9,73498876	-0,020	0,307
CHR1	2068821	CHR1:2068821	SSF x Far_LoA	-8,11382321	0,049	0,307
CHR1	2071480	CHR1:2071480	SSF x Far_LoA	-9,92787871	-0,032	0,304
CHR1	2071511	CHR1:2071511	SSF x Far_LoA	-9,85658918	-0,008	0,282
CHR1	2071533	CHR1:2071533	SSF x Far_LoA	-8,05448065	0,020	0,314
CHR1	2071595	CHR1:2071595	SSF x Far_LoA	-8,91533539	-0,019	0,299
CHR1	20719938	CHR1:20719938	SSF x Far_LoA	-8,102546	-0,140	0,299
CHR1	20719951	CHR1:20719951	SSF x Far_LoA	-9,53530448	-0,122	0,292
CHR1	20720102	CHR1:20720102	SSF x Far_LoA	-9,01463706	-0,111	0,304
CHR1	20732794	CHR1:20732794	SSF x Far_LoA	-7,6118016	-0,127	0,305
CHR1	20732839	CHR1:20732839	SSF x Far_LoA	-8,9671924	0,120	0,293
CHR1	20740748	CHR1:20740748	SSF x Far_LoA	-9,15354167	0,141	0,299
CHR1	20740754	CHR1:20740754	SSF x Far_LoA	-11,2399334	0,091	0,294
CHR1	20740879	CHR1:20740879	SSF x Far_LoA	-9,59827709	-0,048	0,321
CHR1	20740902	CHR1:20740902	SSF x Far_LoA	-9,28760389	0,014	0,304
CHR1	20744006	CHR1:20744006	SSF x Far_LoA	-7,52393499	-0,088	0,309

CHR1	20744008	CHR1:20744008	SSF x Far_LoA	-9,39911078	-0,031	0,315
CHR1	20776517	CHR1:20776517	SSF x Far_LoA	-8,02234485	0,069	0,308
CHR1	20784270	CHR1:20784270	SSF x Far_LoA	-7,91638199	0,114	0,309
CHR1	20794614	CHR1:20794614	SSF x Far_LoA	-10,5983367	0,153	0,284
CHR1	20843321	CHR1:20843321	SSF x Far_LoA	-8,86282175	-0,003	0,293
CHR1	20858518	CHR1:20858518	SSF x Far_LoA	-9,6776221	0,007	0,306
CHR1	20861715	CHR1:20861715	SSF x Far_LoA	-9,314869	-0,040	0,311
CHR1	20867831	CHR1:20867831	SSF x Far_LoA	-9,37709935	-0,043	0,304
CHR1	20895040	CHR1:20895040	SSF x Far_LoA	-2,5813577	-0,251	0,308
CHR1	20895129	CHR1:20895129	SSF x Far_LoA	-9,42369489	-0,020	0,309
CHR1	20895141	CHR1:20895141	SSF x Far_LoA	-10,2921337	-0,005	0,296
CHR1	20895183	CHR1:20895183	SSF x Far_LoA	-11,2080838	0,039	0,308
CHR1	20895321	CHR1:20895321	SSF x Far_LoA	-4,4955936	-0,023	0,305
CHR1	20921027	CHR1:20921027	SSF x Far_LoA	-11,0308499	-0,059	0,300
CHR1	20967625	CHR1:20967625	SSF x Far_LoA	-11,6157765	-0,040	0,311
CHR1	20970378	CHR1:20970378	SSF x Far_LoA	-9,57217421	-0,023	0,301
CHR1	20970432	CHR1:20970432	SSF x Far_LoA	-10,4120718	-0,048	0,309
CHR1	20970449	CHR1:20970449	SSF x Far_LoA	-9,69440835	0,045	0,298
CHR1	20976864	CHR1:20976864	SSF x Far_LoA	-8,6155176	-0,027	0,321
CHR1	20976967	CHR1:20976967	SSF x Far_LoA	-7,86818475	0,000	0,311
CHR1	20977078	CHR1:20977078	SSF x Far_LoA	-7,31026496	-0,017	0,317
CHR1	20977099	CHR1:20977099	SSF x Far_LoA	-8,52411885	-0,016	0,315
CHR1	20981652	CHR1:20981652	SSF x Far_LoA	-11,6747418	-0,016	0,304
CHR1	20981676	CHR1:20981676	SSF x Far_LoA	-8,46081843	0,029	0,315
CHR1	20981686	CHR1:20981686	SSF x Far_LoA	-8,27699781	-0,013	0,314
CHR1	20986594	CHR1:20986594	SSF x Far_LoA	-7,16204449	0,053	0,306
CHR1	20986613	CHR1:20986613	SSF x Far_LoA	-9,00180896	-0,044	0,311
CHR1	20986645	CHR1:20986645	SSF x Far_LoA	-9,61252963	-0,080	0,314
CHR1	21000105	CHR1:21000105	SSF x Far_LoA	-11,2033877	-0,093	0,306
CHR1	21000137	CHR1:21000137	SSF x Far_LoA	-11,8788597	0,040	0,295
CHR1	21000143	CHR1:21000143	SSF x Far_LoA	-10,2446069	-0,033	0,310
CHR1	21009680	CHR1:21009680	SSF x Far_LoA	-10,6505911	-0,031	0,312
CHR1	21009681	CHR1:21009681	SSF x Far_LoA	-10,3169508	-0,082	0,298
CHR1	21009746	CHR1:21009746	SSF x Far_LoA	-8,43248096	-0,103	0,310
CHR1	21009807	CHR1:21009807	SSF x Far_LoA	-1,0032291	0,103	0,307
CHR1	21011335	CHR1:21011335	SSF x Far_LoA	-9,89700183	-0,074	0,311
CHR1	21011982	CHR1:21011982	SSF x Far_LoA	-8,37518731	0,017	0,308
CHR1	21029794	CHR1:21029794	SSF x Far_LoA	-11,1324108	-0,106	0,309
CHR1	21029797	CHR1:21029797	SSF x Far_LoA	-10,5730301	0,100	0,300
CHR1	21031037	CHR1:21031037	SSF x Far_LoA	-9,94658003	-0,094	0,325
CHR1	2103227	CHR1:2103227	SSF x Far_LoA	-10,7066598	0,096	0,301
CHR1	2103242	CHR1:2103242	SSF x Far_LoA	-8,83306115	0,035	0,322
CHR1	2103274	CHR1:2103274	SSF x Far_LoA	-9,8831748	0,155	0,298
CHR1	21034020	CHR1:21034020	SSF x Far_LoA	-9,69957656	0,033	0,304
CHR1	21034023	CHR1:21034023	SSF x Far_LoA	-5,95949829	0,145	0,297
CHR1	21040934	CHR1:21040934	SSF x Far_LoA	-10,1672701	0,082	0,309
CHR1	21041843	CHR1:21041843	SSF x Far_LoA	-8,23944631	0,118	0,326
CHR1	21044670	CHR1:21044670	SSF x Far_LoA	-10,6257805	-0,065	0,301
CHR1	21048114	CHR1:21048114	SSF x Far_LoA	-8,6137102	-0,071	0,321
CHR1	21050278	CHR1:21050278	SSF x Far_LoA	-9,0631283	0,065	0,318
CHR1	21062356	CHR1:21062356	SSF x Far_LoA	-9,99745915	-0,081	0,296
CHR1	21062393	CHR1:21062393	SSF x Far_LoA	-9,20421751	0,011	0,313
CHR1	21062450	CHR1:21062450	SSF x Far_LoA	-10,0949136	-0,017	0,316

CHR1	21062490	CHR1:21062490	SSF x Far_LoA	-11,5106753	0,010	0,314
CHR1	21079738	CHR1:21079738	SSF x Far_LoA	-10,8158802	0,009	0,313
CHR1	21079760	CHR1:21079760	SSF x Far_LoA	-11,270613	-0,009	0,310
CHR1	21079776	CHR1:21079776	SSF x Far_LoA	-10,8665535	0,039	0,307
CHR1	21079792	CHR1:21079792	SSF x Far_LoA	-8,5523465	-0,021	0,308
CHR1	21081183	CHR1:21081183	SSF x Far_LoA	-10,3212967	0,032	0,305
CHR1	21081186	CHR1:21081186	SSF x Far_LoA	-8,336292	0,011	0,282
CHR1	21081189	CHR1:21081189	SSF x Far_LoA	-9,4628293	-0,002	0,294
CHR1	2110936	CHR1:2110936	SSF x Far_LoA	-6,0811795	0,044	0,317
CHR1	21116768	CHR1:21116768	SSF x Far_LoA	-8,84826406	0,037	0,306
CHR1	21130859	CHR1:21130859	SSF x Far_LoA	-9,90557689	-0,050	0,299
CHR1	21130865	CHR1:21130865	SSF x Far_LoA	-6,76638469	0,068	0,307
CHR1	21130866	CHR1:21130866	SSF x Far_LoA	-8,79940103	-0,070	0,314
CHR1	21130867	CHR1:21130867	SSF x Far_LoA	-7,83434145	-0,061	0,319
CHR1	21130869	CHR1:21130869	SSF x Far_LoA	-4,3384972	-0,051	0,310
CHR1	21131057	CHR1:21131057	SSF x Far_LoA	-8,05239152	-0,160	0,305
CHR1	21131103	CHR1:21131103	SSF x Far_LoA	-9,46131008	0,021	0,315
CHR1	21139403	CHR1:21139403	SSF x Far_LoA	-9,41930092	0,024	0,292
CHR1	21139561	CHR1:21139561	SSF x Far_LoA	-5,1838644	0,094	0,304
CHR1	21139563	CHR1:21139563	SSF x Far_LoA	-12,5164619	-0,042	0,305
CHR1	21146479	CHR1:21146479	SSF x Far_LoA	-8,05707117	0,085	0,322
CHR1	21146535	CHR1:21146535	SSF x Far_LoA	-9,41082776	0,009	0,312
CHR1	21147186	CHR1:21147186	SSF x Far_LoA	-5,04475206	0,008	0,303
CHR1	21147270	CHR1:21147270	SSF x Far_LoA	-11,3937522	-0,039	0,309
CHR1	21166124	CHR1:21166124	SSF x Far_LoA	-9,98283119	0,000	0,315
CHR1	2119945	CHR1:2119945	SSF x Far_LoA	-7,7172433	-0,055	0,321
CHR1	21200790	CHR1:21200790	SSF x Far_LoA	-9,74745415	0,033	0,298
CHR1	21202789	CHR1:21202789	SSF x Far_LoA	-9,59239305	0,054	0,304
CHR1	21202792	CHR1:21202792	SSF x Far_LoA	-7,14029516	0,120	0,307
CHR1	21202847	CHR1:21202847	SSF x Far_LoA	-7,76149836	-0,093	0,302
CHR1	21209615	CHR1:21209615	SSF x Far_LoA	-10,6212923	0,026	0,304
CHR1	21209719	CHR1:21209719	SSF x Far_LoA	-10,9535336	0,034	0,303
CHR1	21209729	CHR1:21209729	SSF x Far_LoA	-9,53898207	0,034	0,306
CHR1	21209736	CHR1:21209736	SSF x Far_LoA	-11,5104848	-0,044	0,320
CHR1	21211127	CHR1:21211127	SSF x Far_LoA	-10,9688699	-0,009	0,303
CHR1	21211129	CHR1:21211129	SSF x Far_LoA	-9,32941012	0,079	0,305
CHR1	21233281	CHR1:21233281	SSF x Far_LoA	-11,0121204	0,047	0,300
CHR1	21237383	CHR1:21237383	SSF x Far_LoA	-6,95797797	-0,108	0,316
CHR1	21237384	CHR1:21237384	SSF x Far_LoA	-4,81635338	0,005	0,309
CHR1	21237627	CHR1:21237627	SSF x Far_LoA	-7,45420906	0,068	0,307
CHR1	21237666	CHR1:21237666	SSF x Far_LoA	-8,2765338	-0,029	0,318
CHR1	2129739	CHR1:2129739	SSF x Far_LoA	-8,1672808	0,070	0,315
CHR1	2131566	CHR1:2131566	SSF x Far_LoA	-5,95560534	0,167	0,302
CHR1	21321042	CHR1:21321042	SSF x Far_LoA	-10,384974	0,122	0,298
CHR1	21324917	CHR1:21324917	SSF x Far_LoA	-9,41892341	0,068	0,298
CHR1	21325759	CHR1:21325759	SSF x Far_LoA	-11,3999184	-0,069	0,297
CHR1	21328206	CHR1:21328206	SSF x Far_LoA	-10,8536854	-0,003	0,316
CHR1	21328420	CHR1:21328420	SSF x Far_LoA	-6,91303055	0,124	0,295
CHR1	21328501	CHR1:21328501	SSF x Far_LoA	-8,75286853	-0,095	0,302
CHR1	21334178	CHR1:21334178	SSF x Far_LoA	-7,73544319	-0,133	0,301
CHR1	21334224	CHR1:21334224	SSF x Far_LoA	-6,93725977	0,123	0,289
CHR1	21336347	CHR1:21336347	SSF x Far_LoA	-11,673106	-0,063	0,286
CHR1	21336420	CHR1:21336420	SSF x Far_LoA	-11,3627554	-0,024	0,300

CHR1	2134272	CHR1:2134272	SSF x Far_LoA	-11,389228	0,055	0,303
CHR1	21346320	CHR1:21346320	SSF x Far_LoA	-10,6397734	-0,070	0,310
CHR1	21346353	CHR1:21346353	SSF x Far_LoA	-10,3780248	-0,039	0,298
CHR1	21388028	CHR1:21388028	SSF x Far_LoA	-8,38622402	-0,172	0,298
CHR1	21420775	CHR1:21420775	SSF x Far_LoA	-10,5995704	0,018	0,302
CHR1	21445242	CHR1:21445242	SSF x Far_LoA	-10,0019585	-0,064	0,305
CHR1	21445501	CHR1:21445501	SSF x Far_LoA	-9,82283266	0,056	0,304
CHR1	21455234	CHR1:21455234	SSF x Far_LoA	-9,42482232	0,063	0,300
CHR1	2145586	CHR1:2145586	SSF x Far_LoA	-11,3118964	0,016	0,320
CHR1	2145632	CHR1:2145632	SSF x Far_LoA	-8,63058113	-0,059	0,306
CHR1	2145785	CHR1:2145785	SSF x Far_LoA	-9,86922849	0,052	0,303
CHR1	21480731	CHR1:21480731	SSF x Far_LoA	-9,04706091	-0,060	0,307
CHR1	21489892	CHR1:21489892	SSF x Far_LoA	-9,87121932	0,004	0,308
CHR1	2149032	CHR1:2149032	SSF x Far_LoA	-7,86548998	0,107	0,312
CHR1	2149073	CHR1:2149073	SSF x Far_LoA	-11,6260121	0,019	0,302
CHR1	2149151	CHR1:2149151	SSF x Far_LoA	-11,2129135	-0,025	0,288
CHR1	2149226	CHR1:2149226	SSF x Far_LoA	-9,55090187	-0,010	0,300
CHR1	2149233	CHR1:2149233	SSF x Far_LoA	-9,91527083	-0,059	0,299
CHR1	2149288	CHR1:2149288	SSF x Far_LoA	-11,3199555	-0,069	0,301
CHR1	21517433	CHR1:21517433	SSF x Far_LoA	-8,00585782	-0,054	0,300
CHR1	21517502	CHR1:21517502	SSF x Far_LoA	-11,7232027	-0,053	0,303
CHR1	21523472	CHR1:21523472	SSF x Far_LoA	-10,8228641	0,030	0,319
CHR1	21523610	CHR1:21523610	SSF x Far_LoA	-9,04658893	0,041	0,309
CHR1	21527906	CHR1:21527906	SSF x Far_LoA	-10,5129305	-0,039	0,317
CHR1	21527970	CHR1:21527970	SSF x Far_LoA	-8,16749752	-0,076	0,312
CHR1	21544369	CHR1:21544369	SSF x Far_LoA	-10,4061618	0,040	0,304
CHR1	21544393	CHR1:21544393	SSF x Far_LoA	-10,01958	-0,065	0,303
CHR1	21549597	CHR1:21549597	SSF x Far_LoA	-10,1503549	0,061	0,307
CHR1	21549665	CHR1:21549665	SSF x Far_LoA	-10,9933908	-0,033	0,309
CHR1	21549678	CHR1:21549678	SSF x Far_LoA	-11,0344132	0,056	0,314
CHR1	21549704	CHR1:21549704	SSF x Far_LoA	-10,4571321	0,042	0,304
CHR1	21549763	CHR1:21549763	SSF x Far_LoA	-12,0374012	0,021	0,318
CHR1	2155234	CHR1:2155234	SSF x Far_LoA	-10,7767226	0,030	0,304
CHR1	2155440	CHR1:2155440	SSF x Far_LoA	-12,0714846	0,008	0,294
CHR1	21560948	CHR1:21560948	SSF x Far_LoA	-8,31109063	0,164	0,300
CHR1	21561062	CHR1:21561062	SSF x Far_LoA	-5,00975983	0,148	0,300
CHR1	21561084	CHR1:21561084	SSF x Far_LoA	-6,32274036	0,156	0,296
CHR1	21561097	CHR1:21561097	SSF x Far_LoA	-3,08768057	-0,162	0,317
CHR1	21575130	CHR1:21575130	SSF x Far_LoA	-10,1638667	0,024	0,300
CHR1	21577884	CHR1:21577884	SSF x Far_LoA	-10,026313	-0,087	0,295
CHR1	21577967	CHR1:21577967	SSF x Far_LoA	-8,75904295	-0,030	0,323
CHR1	21591687	CHR1:21591687	SSF x Far_LoA	-10,0879837	-0,064	0,315
CHR1	21591704	CHR1:21591704	SSF x Far_LoA	-9,06140625	0,087	0,313
CHR1	21591725	CHR1:21591725	SSF x Far_LoA	-6,60269264	0,191	0,286
CHR1	21591812	CHR1:21591812	SSF x Far_LoA	-4,98418246	-0,092	0,307
CHR1	21591896	CHR1:21591896	SSF x Far_LoA	-8,82164876	-0,099	0,303
CHR1	21591906	CHR1:21591906	SSF x Far_LoA	-11,0156966	-0,102	0,305
CHR1	21591908	CHR1:21591908	SSF x Far_LoA	-9,4940975	-0,096	0,303
CHR1	21591909	CHR1:21591909	SSF x Far_LoA	-11,1656776	-0,082	0,320
CHR1	21591910	CHR1:21591910	SSF x Far_LoA	-11,5160179	-0,096	0,302
CHR1	21591913	CHR1:21591913	SSF x Far_LoA	-11,0076533	-0,095	0,320
CHR1	21591914	CHR1:21591914	SSF x Far_LoA	-10,5601432	-0,040	0,315
CHR1	21596097	CHR1:21596097	SSF x Far_LoA	-5,92055354	-0,088	0,310

CHR1	21596120	CHR1:21596120	SSF x Far_LoA	-11,2158218	0,091	0,306
CHR1	21596150	CHR1:21596150	SSF x Far_LoA	-11,502129	0,028	0,306
CHR1	21596178	CHR1:21596178	SSF x Far_LoA	-9,05955568	-0,079	0,309
CHR1	21596179	CHR1:21596179	SSF x Far_LoA	-8,40316034	-0,017	0,312
CHR1	21596191	CHR1:21596191	SSF x Far_LoA	-6,98756524	-0,095	0,304
CHR1	21596265	CHR1:21596265	SSF x Far_LoA	-10,5737054	-0,061	0,308
CHR1	21609407	CHR1:21609407	SSF x Far_LoA	-11,2848081	0,014	0,308
CHR1	21609474	CHR1:21609474	SSF x Far_LoA	-11,2360523	-0,074	0,306
CHR1	21609500	CHR1:21609500	SSF x Far_LoA	-8,39815676	0,098	0,300
CHR1	21609525	CHR1:21609525	SSF x Far_LoA	-8,47517205	0,032	0,320
CHR1	21609528	CHR1:21609528	SSF x Far_LoA	-5,32497952	0,041	0,318
CHR1	21609538	CHR1:21609538	SSF x Far_LoA	-7,93355707	0,075	0,309
CHR1	21609541	CHR1:21609541	SSF x Far_LoA	-9,56839716	0,052	0,307
CHR1	21609544	CHR1:21609544	SSF x Far_LoA	-8,1148612	0,048	0,313
CHR1	21609554	CHR1:21609554	SSF x Far_LoA	-9,28504849	0,050	0,303
CHR1	21611565	CHR1:21611565	SSF x Far_LoA	-4,38570956	0,149	0,300
CHR1	21621931	CHR1:21621931	SSF x Far_LoA	-11,4010712	-0,038	0,306
CHR1	21622110	CHR1:21622110	SSF x Far_LoA	-9,25541943	-0,045	0,308
CHR1	21622117	CHR1:21622117	SSF x Far_LoA	-9,72277398	-0,024	0,302
CHR1	21622156	CHR1:21622156	SSF x Far_LoA	-8,51356601	-0,092	0,320
CHR1	21622198	CHR1:21622198	SSF x Far_LoA	-8,76066675	0,012	0,306
CHR1	21645007	CHR1:21645007	SSF x Far_LoA	-11,1731116	-0,105	0,300
CHR1	21645320	CHR1:21645320	SSF x Far_LoA	2,94367247	-0,100	0,310
CHR1	2164824	CHR1:2164824	SSF x Far_LoA	-10,7846255	-0,091	0,308
CHR1	2164825	CHR1:2164825	SSF x Far_LoA	-8,76600741	-0,045	0,312
CHR1	2164907	CHR1:2164907	SSF x Far_LoA	-9,20692718	0,024	0,311
CHR1	21652709	CHR1:21652709	SSF x Far_LoA	-5,55825291	-0,079	0,319
CHR1	21652800	CHR1:21652800	SSF x Far_LoA	-10,1312448	0,074	0,306
CHR1	21654649	CHR1:21654649	SSF x Far_LoA	-9,37978261	0,118	0,300
CHR1	21654654	CHR1:21654654	SSF x Far_LoA	-9,92219607	0,079	0,306
CHR1	21654697	CHR1:21654697	SSF x Far_LoA	-8,16164642	-0,123	0,282
CHR1	21654700	CHR1:21654700	SSF x Far_LoA	-10,890885	0,012	0,304
CHR1	21675953	CHR1:21675953	SSF x Far_LoA	-6,31165484	-0,114	0,293
CHR1	21678852	CHR1:21678852	SSF x Far_LoA	-11,6030233	-0,058	0,311
CHR1	21679114	CHR1:21679114	SSF x Far_LoA	-9,21042621	0,057	0,308
CHR1	2169438	CHR1:2169438	SSF x Far_LoA	-7,82082265	0,039	0,309
CHR1	2169923	CHR1:2169923	SSF x Far_LoA	-7,85939822	-0,121	0,318
CHR1	21708850	CHR1:21708850	SSF x Far_LoA	-9,88546069	0,032	0,300
CHR1	2171714	CHR1:2171714	SSF x Far_LoA	-9,71090359	-0,031	0,316
CHR1	21720185	CHR1:21720185	SSF x Far_LoA	-7,95945983	0,090	0,309
CHR1	21720222	CHR1:21720222	SSF x Far_LoA	-7,35058761	-0,108	0,308
CHR1	21720229	CHR1:21720229	SSF x Far_LoA	-9,62479017	0,002	0,317
CHR1	21720250	CHR1:21720250	SSF x Far_LoA	-6,42257086	-0,007	0,317
CHR1	21720309	CHR1:21720309	SSF x Far_LoA	-11,924279	-0,012	0,307
CHR1	21720354	CHR1:21720354	SSF x Far_LoA	-8,57351631	-0,033	0,290
CHR1	21728715	CHR1:21728715	SSF x Far_LoA	-7,87629068	-0,079	0,309
CHR1	21732885	CHR1:21732885	SSF x Far_LoA	-10,1372236	-0,016	0,295
CHR1	21732922	CHR1:21732922	SSF x Far_LoA	-8,39001762	-0,033	0,310
CHR1	21737556	CHR1:21737556	SSF x Far_LoA	-8,09663495	-0,018	0,319
CHR1	21737727	CHR1:21737727	SSF x Far_LoA	-7,55442268	0,107	0,306
CHR1	21737760	CHR1:21737760	SSF x Far_LoA	-9,08671739	-0,070	0,308
CHR1	21737792	CHR1:21737792	SSF x Far_LoA	-9,85333808	-0,096	0,305
CHR1	21737793	CHR1:21737793	SSF x Far_LoA	-11,8568498	0,062	0,299

CHR1	21740658	CHR1:21740658	SSF x Far_LoA	-8,66018375	-0,083	0,311
CHR1	21741882	CHR1:21741882	SSF x Far_LoA	-9,61463202	0,033	0,308
CHR1	21741885	CHR1:21741885	SSF x Far_LoA	-11,4037366	0,015	0,304
CHR1	21758510	CHR1:21758510	SSF x Far_LoA	5,50918432	-0,092	0,305
CHR1	21758553	CHR1:21758553	SSF x Far_LoA	-9,44382337	0,103	0,312
CHR1	21758749	CHR1:21758749	SSF x Far_LoA	-9,80186963	0,125	0,300
CHR1	21766729	CHR1:21766729	SSF x Far_LoA	-9,38163515	0,039	0,301
CHR1	21766967	CHR1:21766967	SSF x Far_LoA	-8,30031196	-0,052	0,299
CHR1	21768518	CHR1:21768518	SSF x Far_LoA	-7,27494209	-0,125	0,303
CHR1	21768552	CHR1:21768552	SSF x Far_LoA	-8,58986557	0,093	0,306
CHR1	21784531	CHR1:21784531	SSF x Far_LoA	-5,03566878	-0,064	0,313
CHR1	21784716	CHR1:21784716	SSF x Far_LoA	-6,79025972	0,127	0,315
CHR1	21785317	CHR1:21785317	SSF x Far_LoA	-9,21845996	0,014	0,311
CHR1	21791423	CHR1:21791423	SSF x Far_LoA	-2,95333941	-0,028	0,319
CHR1	21792231	CHR1:21792231	SSF x Far_LoA	-9,16201318	-0,011	0,313
CHR1	21792429	CHR1:21792429	SSF x Far_LoA	-9,48161897	0,049	0,303
CHR1	21799881	CHR1:21799881	SSF x Far_LoA	-11,579189	-0,079	0,300
CHR1	21799910	CHR1:21799910	SSF x Far_LoA	-9,32317571	-0,007	0,309
CHR1	21800180	CHR1:21800180	SSF x Far_LoA	-12,2667398	0,039	0,301
CHR1	21806961	CHR1:21806961	SSF x Far_LoA	-11,4743981	0,055	0,312
CHR1	21807039	CHR1:21807039	SSF x Far_LoA	-11,3785606	0,075	0,291
CHR1	21807111	CHR1:21807111	SSF x Far_LoA	-10,1602002	0,137	0,303
CHR1	21807152	CHR1:21807152	SSF x Far_LoA	-7,78312275	-0,159	0,315
CHR1	21808918	CHR1:21808918	SSF x Far_LoA	-9,31273404	0,109	0,292
CHR1	21808971	CHR1:21808971	SSF x Far_LoA	-6,33302604	-0,133	0,311
CHR1	21808989	CHR1:21808989	SSF x Far_LoA	-10,9576165	-0,169	0,296
CHR1	21809012	CHR1:21809012	SSF x Far_LoA	-6,43109724	0,154	0,293
CHR1	2181292	CHR1:2181292	SSF x Far_LoA	-11,0486255	-0,025	0,307
CHR1	21826221	CHR1:21826221	SSF x Far_LoA	-9,85443405	-0,036	0,303
CHR1	21836996	CHR1:21836996	SSF x Far_LoA	-10,4223522	0,106	0,299
CHR1	21837020	CHR1:21837020	SSF x Far_LoA	-5,02698017	-0,161	0,310
CHR1	21837081	CHR1:21837081	SSF x Far_LoA	-10,9576813	-0,033	0,304
CHR1	21837123	CHR1:21837123	SSF x Far_LoA	-8,84453214	-0,134	0,317
CHR1	21837144	CHR1:21837144	SSF x Far_LoA	-8,39692501	-0,097	0,317
CHR1	21846595	CHR1:21846595	SSF x Far_LoA	-9,88689189	0,079	0,300
CHR1	21846659	CHR1:21846659	SSF x Far_LoA	-5,79570292	0,095	0,309
CHR1	21849255	CHR1:21849255	SSF x Far_LoA	-9,00452608	0,086	0,304
CHR1	21851453	CHR1:21851453	SSF x Far_LoA	-11,3723405	0,010	0,305
CHR1	21851457	CHR1:21851457	SSF x Far_LoA	-11,915806	0,005	0,302
CHR1	21851558	CHR1:21851558	SSF x Far_LoA	-11,2228184	0,079	0,300
CHR1	21858293	CHR1:21858293	SSF x Far_LoA	-8,60683597	0,049	0,312
CHR1	21858295	CHR1:21858295	SSF x Far_LoA	-9,95846312	0,110	0,319
CHR1	21858322	CHR1:21858322	SSF x Far_LoA	-9,11480878	-0,068	0,316
CHR1	21858331	CHR1:21858331	SSF x Far_LoA	-11,0293458	-0,080	0,307
CHR1	21858484	CHR1:21858484	SSF x Far_LoA	-9,62119965	-0,025	0,311
CHR1	21859527	CHR1:21859527	SSF x Far_LoA	-10,8213206	-0,009	0,301
CHR1	21859556	CHR1:21859556	SSF x Far_LoA	-9,57166508	-0,073	0,324
CHR1	21859590	CHR1:21859590	SSF x Far_LoA	-7,41362202	0,053	0,306
CHR1	21859612	CHR1:21859612	SSF x Far_LoA	-10,8799934	-0,036	0,299
CHR1	21859793	CHR1:21859793	SSF x Far_LoA	-9,10080509	0,034	0,285
CHR1	21871777	CHR1:21871777	SSF x Far_LoA	-9,6616488	0,077	0,297
CHR1	21871824	CHR1:21871824	SSF x Far_LoA	-11,3146133	-0,050	0,323
CHR1	21873701	CHR1:21873701	SSF x Far_LoA	-8,13796871	0,037	0,295

CHR1	21873761	CHR1:21873761	SSF x Far_LoA	-9,17433759	-0,044	0,307
CHR1	21873792	CHR1:21873792	SSF x Far_LoA	-8,90110124	-0,058	0,304
CHR1	21882121	CHR1:21882121	SSF x Far_LoA	-11,1034051	0,031	0,298
CHR1	21892554	CHR1:21892554	SSF x Far_LoA	-11,483372	-0,084	0,300
CHR1	21892604	CHR1:21892604	SSF x Far_LoA	-4,81645825	0,143	0,297
CHR1	2189644	CHR1:2189644	SSF x Far_LoA	-9,2200734	0,019	0,305
CHR1	21898118	CHR1:21898118	SSF x Far_LoA	-11,974832	-0,029	0,303
CHR1	21898124	CHR1:21898124	SSF x Far_LoA	-9,71913979	-0,051	0,298
CHR1	21898163	CHR1:21898163	SSF x Far_LoA	-8,63009943	0,016	0,283
CHR1	2189824	CHR1:2189824	SSF x Far_LoA	-9,43100073	0,152	0,296
CHR1	21898247	CHR1:21898247	SSF x Far_LoA	-11,5547879	-0,042	0,289
CHR1	2189918	CHR1:2189918	SSF x Far_LoA	-9,52029538	0,115	0,300
CHR1	21900484	CHR1:21900484	SSF x Far_LoA	-10,5660097	-0,041	0,290
CHR1	21900524	CHR1:21900524	SSF x Far_LoA	-7,72716419	0,061	0,311
CHR1	21900549	CHR1:21900549	SSF x Far_LoA	-11,1226631	-0,057	0,304
CHR1	21900582	CHR1:21900582	SSF x Far_LoA	-8,46572464	-0,080	0,310
CHR1	21900591	CHR1:21900591	SSF x Far_LoA	-9,05115666	-0,084	0,306
CHR1	21900658	CHR1:21900658	SSF x Far_LoA	-9,38816719	0,054	0,306
CHR1	21900756	CHR1:21900756	SSF x Far_LoA	-9,39104493	-0,009	0,303
CHR1	21901683	CHR1:21901683	SSF x Far_LoA	-8,32213571	0,093	0,308
CHR1	21901702	CHR1:21901702	SSF x Far_LoA	-7,63965632	0,151	0,282
CHR1	21901704	CHR1:21901704	SSF x Far_LoA	-6,04197749	-0,135	0,302
CHR1	21901723	CHR1:21901723	SSF x Far_LoA	-7,93774449	-0,140	0,296
CHR1	21901724	CHR1:21901724	SSF x Far_LoA	-6,22847699	-0,117	0,304
CHR1	21901816	CHR1:21901816	SSF x Far_LoA	-7,0097178	-0,129	0,302
CHR1	21901825	CHR1:21901825	SSF x Far_LoA	-9,76867019	-0,021	0,300
CHR1	21901838	CHR1:21901838	SSF x Far_LoA	-8,59664437	0,000	0,302
CHR1	21901841	CHR1:21901841	SSF x Far_LoA	-5,62066232	-0,132	0,313
CHR1	21901885	CHR1:21901885	SSF x Far_LoA	-9,2703486	0,033	0,319
CHR1	21901894	CHR1:21901894	SSF x Far_LoA	-11,569709	0,043	0,298
CHR1	21916616	CHR1:21916616	SSF x Far_LoA	-9,05827614	0,006	0,316
CHR1	21916708	CHR1:21916708	SSF x Far_LoA	-7,87755391	-0,117	0,318
CHR1	21916717	CHR1:21916717	SSF x Far_LoA	-8,6921485	-0,066	0,316
CHR1	21916740	CHR1:21916740	SSF x Far_LoA	-10,2713325	-0,097	0,319
CHR1	21916742	CHR1:21916742	SSF x Far_LoA	-8,8951992	-0,108	0,324
CHR1	21916770	CHR1:21916770	SSF x Far_LoA	-10,1562089	0,050	0,300
CHR1	21916777	CHR1:21916777	SSF x Far_LoA	-9,26191509	0,085	0,302
CHR1	21916826	CHR1:21916826	SSF x Far_LoA	-10,1149217	-0,080	0,314
CHR1	21919658	CHR1:21919658	SSF x Far_LoA	-9,39535636	-0,148	0,285
CHR1	21928422	CHR1:21928422	SSF x Far_LoA	-4,71482785	0,181	0,291
CHR1	21928543	CHR1:21928543	SSF x Far_LoA	-10,0309756	-0,037	0,309
CHR1	21939107	CHR1:21939107	SSF x Far_LoA	-10,6469754	0,008	0,304
CHR1	21939251	CHR1:21939251	SSF x Far_LoA	-10,4471208	0,033	0,316
CHR1	21939334	CHR1:21939334	SSF x Far_LoA	-8,87646115	-0,029	0,306
CHR1	21945887	CHR1:21945887	SSF x Far_LoA	-8,52358216	-0,009	0,320
CHR1	21952762	CHR1:21952762	SSF x Far_LoA	-11,6045607	-0,077	0,312
CHR1	21952782	CHR1:21952782	SSF x Far_LoA	-7,63390986	0,108	0,297
CHR1	21952795	CHR1:21952795	SSF x Far_LoA	-6,81319156	-0,118	0,301
CHR1	21953036	CHR1:21953036	SSF x Far_LoA	-8,05741753	-0,036	0,315
CHR1	21955041	CHR1:21955041	SSF x Far_LoA	-9,37223591	-0,060	0,308
CHR1	21955044	CHR1:21955044	SSF x Far_LoA	-10,1747296	0,014	0,291
CHR1	21955068	CHR1:21955068	SSF x Far_LoA	-7,53640609	-0,075	0,314
CHR1	21955970	CHR1:21955970	SSF x Far_LoA	-9,1871208	0,006	0,307

CHR1	21955995	CHR1:21955995	SSF x Far_LoA	-7,44740289	0,095	0,319
CHR1	21956012	CHR1:21956012	SSF x Far_LoA	-5,89551194	-0,104	0,307
CHR1	21960943	CHR1:21960943	SSF x Far_LoA	-10,4684047	-0,154	0,296
CHR1	21970303	CHR1:21970303	SSF x Far_LoA	-8,39826131	0,054	0,303
CHR1	21970346	CHR1:21970346	SSF x Far_LoA	-9,47325698	0,033	0,298
CHR1	21970542	CHR1:21970542	SSF x Far_LoA	-11,4861083	0,045	0,315
CHR1	21970550	CHR1:21970550	SSF x Far_LoA	-9,5514242	-0,114	0,314
CHR1	21981218	CHR1:21981218	SSF x Far_LoA	-7,78742066	0,098	0,315
CHR1	21981251	CHR1:21981251	SSF x Far_LoA	8,2695095	-0,189	0,298
CHR1	21981349	CHR1:21981349	SSF x Far_LoA	-9,20417181	0,015	0,311
CHR1	21981429	CHR1:21981429	SSF x Far_LoA	-7,97390379	0,074	0,305
CHR1	21988674	CHR1:21988674	SSF x Far_LoA	-4,32453254	-0,058	0,297
CHR1	21998268	CHR1:21998268	SSF x Far_LoA	-10,2881249	0,028	0,312
CHR1	21998332	CHR1:21998332	SSF x Far_LoA	-8,74146558	-0,004	0,310
CHR1	21998359	CHR1:21998359	SSF x Far_LoA	-8,29311197	-0,023	0,317
CHR1	21999610	CHR1:21999610	SSF x Far_LoA	-11,083295	0,073	0,297
CHR1	22003320	CHR1:22003320	SSF x Far_LoA	-8,92129781	0,013	0,299
CHR1	22003326	CHR1:22003326	SSF x Far_LoA	-8,99235541	-0,017	0,293
CHR1	22003355	CHR1:22003355	SSF x Far_LoA	-10,9862032	0,072	0,308
CHR1	22003517	CHR1:22003517	SSF x Far_LoA	-11,0511744	-0,042	0,307
CHR1	22013650	CHR1:22013650	SSF x Far_LoA	-11,6760397	0,065	0,296
CHR1	22013704	CHR1:22013704	SSF x Far_LoA	-9,03574271	-0,126	0,312
CHR1	22013802	CHR1:22013802	SSF x Far_LoA	-9,34644696	-0,075	0,310
CHR1	22017083	CHR1:22017083	SSF x Far_LoA	-10,7997112	0,088	0,295
CHR1	22053185	CHR1:22053185	SSF x Far_LoA	-8,5767699	-0,033	0,309
CHR1	22064353	CHR1:22064353	SSF x Far_LoA	-9,47122083	0,006	0,306
CHR1	22064362	CHR1:22064362	SSF x Far_LoA	-10,379991	0,047	0,297
CHR1	22066540	CHR1:22066540	SSF x Far_LoA	-10,4985624	-0,011	0,316
CHR1	22066613	CHR1:22066613	SSF x Far_LoA	-10,9003551	0,118	0,291
CHR1	22066618	CHR1:22066618	SSF x Far_LoA	-10,9427999	0,149	0,292
CHR1	22066622	CHR1:22066622	SSF x Far_LoA	-7,85750234	-0,020	0,309
CHR1	22072223	CHR1:22072223	SSF x Far_LoA	-9,62050774	0,000	0,305
CHR1	22072357	CHR1:22072357	SSF x Far_LoA	-9,52540058	-0,099	0,308
CHR1	22075161	CHR1:22075161	SSF x Far_LoA	-10,5071735	0,074	0,313
CHR1	22078731	CHR1:22078731	SSF x Far_LoA	-4,94975548	0,017	0,313
CHR1	22078732	CHR1:22078732	SSF x Far_LoA	-10,3286718	-0,016	0,304
CHR1	22078949	CHR1:22078949	SSF x Far_LoA	-10,5802939	0,023	0,312
CHR1	22081388	CHR1:22081388	SSF x Far_LoA	-11,6392438	-0,036	0,301
CHR1	22082805	CHR1:22082805	SSF x Far_LoA	-10,4995733	0,055	0,304
CHR1	22082877	CHR1:22082877	SSF x Far_LoA	-7,24451339	-0,091	0,309
CHR1	22082878	CHR1:22082878	SSF x Far_LoA	-10,2122473	-0,086	0,309
CHR1	22083133	CHR1:22083133	SSF x Far_LoA	-9,88338964	-0,029	0,314
CHR1	22109731	CHR1:22109731	SSF x Far_LoA	-9,79676531	-0,054	0,310
CHR1	22114480	CHR1:22114480	SSF x Far_LoA	-8,42102163	-0,115	0,295
CHR1	22116197	CHR1:22116197	SSF x Far_LoA	-10,2914753	-0,089	0,306
CHR1	22124049	CHR1:22124049	SSF x Far_LoA	-9,35607375	0,077	0,304
CHR1	22124101	CHR1:22124101	SSF x Far_LoA	-8,83397901	0,075	0,313
CHR1	22124310	CHR1:22124310	SSF x Far_LoA	-7,85208705	0,013	0,308
CHR1	22130244	CHR1:22130244	SSF x Far_LoA	-7,93844852	0,125	0,311
CHR1	22130269	CHR1:22130269	SSF x Far_LoA	-9,62757172	0,108	0,306
CHR1	22130452	CHR1:22130452	SSF x Far_LoA	-4,98628555	-0,162	0,291
CHR1	22130513	CHR1:22130513	SSF x Far_LoA	-7,67583405	0,193	0,301
CHR1	22134987	CHR1:22134987	SSF x Far_LoA	-10,6449103	0,113	0,308

CHR1	22135014	CHR1:22135014	SSF x Far_LoA	-9,65945054	0,020	0,316
CHR1	22135069	CHR1:22135069	SSF x Far_LoA	-7,18287241	-0,156	0,303
CHR1	22135105	CHR1:22135105	SSF x Far_LoA	-6,68675411	-0,112	0,313
CHR1	22135115	CHR1:22135115	SSF x Far_LoA	-4,41698159	-0,147	0,301
CHR1	2214030	CHR1:2214030	SSF x Far_LoA	-9,08523204	0,003	0,308
CHR1	22154369	CHR1:22154369	SSF x Far_LoA	-8,92970376	0,112	0,305
CHR1	22155443	CHR1:22155443	SSF x Far_LoA	-1,15722591	0,281	0,292
CHR1	22155563	CHR1:22155563	SSF x Far_LoA	-9,39694887	0,018	0,295
CHR1	22155658	CHR1:22155658	SSF x Far_LoA	-9,64215479	0,107	0,304
CHR1	22155664	CHR1:22155664	SSF x Far_LoA	-9,51822795	0,098	0,297
CHR1	22160053	CHR1:22160053	SSF x Far_LoA	-6,33716134	0,120	0,299
CHR1	2216081	CHR1:2216081	SSF x Far_LoA	-8,27081049	-0,031	0,314
CHR1	2216082	CHR1:2216082	SSF x Far_LoA	-7,18400772	-0,049	0,303
CHR1	2216117	CHR1:2216117	SSF x Far_LoA	-5,99915966	0,147	0,309
CHR1	22174612	CHR1:22174612	SSF x Far_LoA	-10,73954	0,063	0,307
CHR1	22174676	CHR1:22174676	SSF x Far_LoA	-1,96790738	0,018	0,297
CHR1	22174702	CHR1:22174702	SSF x Far_LoA	-3,02523782	-0,121	0,302
CHR1	22174706	CHR1:22174706	SSF x Far_LoA	-8,70642543	-0,096	0,302
CHR1	22174725	CHR1:22174725	SSF x Far_LoA	-4,31400758	-0,100	0,300
CHR1	2218062	CHR1:2218062	SSF x Far_LoA	-5,50989858	-0,003	0,310
CHR1	22192196	CHR1:22192196	SSF x Far_LoA	-10,2753547	-0,071	0,306
CHR1	22192204	CHR1:22192204	SSF x Far_LoA	-10,6843889	0,040	0,313
CHR1	22192328	CHR1:22192328	SSF x Far_LoA	-11,4681633	0,007	0,300
CHR1	22194431	CHR1:22194431	SSF x Far_LoA	-5,39046902	-0,014	0,305
CHR1	22221519	CHR1:22221519	SSF x Far_LoA	-10,0550986	0,093	0,299
CHR1	22235441	CHR1:22235441	SSF x Far_LoA	-9,22451434	-0,178	0,312
CHR1	22238154	CHR1:22238154	SSF x Far_LoA	-8,09421246	0,014	0,299
CHR1	22238197	CHR1:22238197	SSF x Far_LoA	-9,27542982	-0,089	0,302
CHR1	22238248	CHR1:22238248	SSF x Far_LoA	-7,1972616	0,029	0,307
CHR1	22238383	CHR1:22238383	SSF x Far_LoA	-8,53455813	-0,041	0,308
CHR1	22238411	CHR1:22238411	SSF x Far_LoA	-8,36504473	-0,041	0,313
CHR1	22240276	CHR1:22240276	SSF x Far_LoA	-6,92663117	-0,068	0,323
CHR1	22240321	CHR1:22240321	SSF x Far_LoA	-10,307347	-0,025	0,302
CHR1	22247950	CHR1:22247950	SSF x Far_LoA	-10,4736921	0,110	0,293
CHR1	22249038	CHR1:22249038	SSF x Far_LoA	-10,4945047	-0,031	0,297
CHR1	22249047	CHR1:22249047	SSF x Far_LoA	-10,7216764	-0,015	0,300
CHR1	22250578	CHR1:22250578	SSF x Far_LoA	-11,1025593	0,047	0,313
CHR1	22250735	CHR1:22250735	SSF x Far_LoA	-9,50111911	-0,045	0,319
CHR1	22251626	CHR1:22251626	SSF x Far_LoA	-9,88106625	-0,116	0,305
CHR1	22251631	CHR1:22251631	SSF x Far_LoA	-8,726881	-0,052	0,319
CHR1	22251659	CHR1:22251659	SSF x Far_LoA	-8,88858191	0,037	0,321
CHR1	22252398	CHR1:22252398	SSF x Far_LoA	-8,06547502	0,096	0,309
CHR1	22252401	CHR1:22252401	SSF x Far_LoA	-8,10139965	0,099	0,311
CHR1	22252438	CHR1:22252438	SSF x Far_LoA	-7,66787045	0,134	0,303
CHR1	22255495	CHR1:22255495	SSF x Far_LoA	-8,02102596	-0,074	0,315
CHR1	22255557	CHR1:22255557	SSF x Far_LoA	-9,62183942	0,069	0,308
CHR1	22256716	CHR1:22256716	SSF x Far_LoA	-8,45850642	-0,125	0,305
CHR1	22256718	CHR1:22256718	SSF x Far_LoA	-8,35522757	-0,010	0,299
CHR1	22256747	CHR1:22256747	SSF x Far_LoA	-6,62836631	-0,061	0,309
CHR1	22256773	CHR1:22256773	SSF x Far_LoA	-8,38664804	-0,023	0,316
CHR1	22256776	CHR1:22256776	SSF x Far_LoA	-10,4658446	-0,028	0,320
CHR1	22260061	CHR1:22260061	SSF x Far_LoA	-11,4037045	0,062	0,306
CHR1	22260133	CHR1:22260133	SSF x Far_LoA	-10,8893553	-0,061	0,315

CHR1	22262239	CHR1:22262239	SSF x Far_LoA	-10,3865215	-0,026	0,291
CHR1	22262245	CHR1:22262245	SSF x Far_LoA	-11,367573	0,011	0,315
CHR1	22262254	CHR1:22262254	SSF x Far_LoA	-9,5459965	0,037	0,286
CHR1	22262275	CHR1:22262275	SSF x Far_LoA	-9,45868415	-0,043	0,314
CHR1	22262289	CHR1:22262289	SSF x Far_LoA	-8,11458523	0,009	0,303
CHR1	22262297	CHR1:22262297	SSF x Far_LoA	-9,04290198	0,005	0,313
CHR1	22262301	CHR1:22262301	SSF x Far_LoA	-9,14454321	-0,056	0,296
CHR1	2226535	CHR1:2226535	SSF x Far_LoA	-11,4101387	-0,026	0,300
CHR1	2226652	CHR1:2226652	SSF x Far_LoA	-10,8809958	-0,075	0,310
CHR1	2226653	CHR1:2226653	SSF x Far_LoA	-10,2210515	-0,083	0,312
CHR1	2226861	CHR1:2226861	SSF x Far_LoA	-8,66485772	0,131	0,303
CHR1	22272091	CHR1:22272091	SSF x Far_LoA	-10,0770629	0,063	0,304
CHR1	22272123	CHR1:22272123	SSF x Far_LoA	-9,46354483	-0,018	0,301
CHR1	22272128	CHR1:22272128	SSF x Far_LoA	-9,85022717	-0,030	0,289
CHR1	22272144	CHR1:22272144	SSF x Far_LoA	-7,74384519	-0,099	0,304
CHR1	22285923	CHR1:22285923	SSF x Far_LoA	-8,95109324	0,132	0,309
CHR1	22297800	CHR1:22297800	SSF x Far_LoA	-7,46703552	-0,147	0,302
CHR1	22298108	CHR1:22298108	SSF x Far_LoA	-6,77287744	-0,058	0,311
CHR1	22307898	CHR1:22307898	SSF x Far_LoA	-8,86577882	-0,017	0,310
CHR1	2230832	CHR1:2230832	SSF x Far_LoA	-5,05134905	0,056	0,304
CHR1	22308336	CHR1:22308336	SSF x Far_LoA	-10,6628236	0,046	0,310
CHR1	2230853	CHR1:2230853	SSF x Far_LoA	-3,60077794	-0,030	0,299
CHR1	2230865	CHR1:2230865	SSF x Far_LoA	-7,28637009	-0,038	0,291
CHR1	2230915	CHR1:2230915	SSF x Far_LoA	-9,24458809	-0,052	0,312
CHR1	22311535	CHR1:22311535	SSF x Far_LoA	-10,8529928	-0,035	0,305
CHR1	22311696	CHR1:22311696	SSF x Far_LoA	-6,1481411	-0,078	0,322
CHR1	22311725	CHR1:22311725	SSF x Far_LoA	-6,22679992	-0,042	0,304
CHR1	22313913	CHR1:22313913	SSF x Far_LoA	-9,14274452	-0,023	0,308
CHR1	22321327	CHR1:22321327	SSF x Far_LoA	-11,069233	0,034	0,322
CHR1	22321436	CHR1:22321436	SSF x Far_LoA	-10,5460269	-0,056	0,307
CHR1	22335530	CHR1:22335530	SSF x Far_LoA	-8,33561326	0,199	0,289
CHR1	22335597	CHR1:22335597	SSF x Far_LoA	-3,31340582	0,230	0,295
CHR1	22335641	CHR1:22335641	SSF x Far_LoA	-1,84704246	0,173	0,295
CHR1	22335647	CHR1:22335647	SSF x Far_LoA	-5,74351072	0,139	0,310
CHR1	22335677	CHR1:22335677	SSF x Far_LoA	-9,8128409	0,148	0,296
CHR1	22335767	CHR1:22335767	SSF x Far_LoA	-7,37895332	-0,155	0,307
CHR1	22354295	CHR1:22354295	SSF x Far_LoA	-5,54634443	0,157	0,293
CHR1	22354319	CHR1:22354319	SSF x Far_LoA	-9,27658253	0,040	0,304
CHR1	22354382	CHR1:22354382	SSF x Far_LoA	-10,1686421	0,090	0,302
CHR1	22354395	CHR1:22354395	SSF x Far_LoA	-7,21887479	-0,108	0,292
CHR1	22354396	CHR1:22354396	SSF x Far_LoA	-6,99101251	0,074	0,311
CHR1	22354477	CHR1:22354477	SSF x Far_LoA	-9,7856799	0,078	0,301
CHR1	22359639	CHR1:22359639	SSF x Far_LoA	-5,19614259	-0,115	0,301
CHR1	22362314	CHR1:22362314	SSF x Far_LoA	-9,64039145	0,050	0,312
CHR1	22362667	CHR1:22362667	SSF x Far_LoA	-8,44762896	-0,134	0,297
CHR1	22362774	CHR1:22362774	SSF x Far_LoA	-9,65482599	0,005	0,307
CHR1	22364478	CHR1:22364478	SSF x Far_LoA	-6,73299012	-0,121	0,313
CHR1	22367486	CHR1:22367486	SSF x Far_LoA	-7,75684127	0,014	0,315
CHR1	22374697	CHR1:22374697	SSF x Far_LoA	-10,4792826	0,078	0,306
CHR1	22374736	CHR1:22374736	SSF x Far_LoA	-9,63171747	-0,063	0,296
CHR1	22374798	CHR1:22374798	SSF x Far_LoA	-9,04644715	-0,100	0,308
CHR1	22374799	CHR1:22374799	SSF x Far_LoA	-10,5902416	-0,077	0,312
CHR1	2238709	CHR1:2238709	SSF x Far_LoA	-9,55610237	0,084	0,297

CHR1	2238807	CHR1:2238807	SSF x Far_LoA	-9,12812882	0,030	0,302
CHR1	22388418	CHR1:22388418	SSF x Far_LoA	-10,4779396	-0,061	0,314
CHR1	22389636	CHR1:22389636	SSF x Far_LoA	-9,40618646	-0,005	0,314
CHR1	22389654	CHR1:22389654	SSF x Far_LoA	-10,4636086	0,014	0,307
CHR1	22389669	CHR1:22389669	SSF x Far_LoA	-9,24622601	-0,020	0,326
CHR1	22389689	CHR1:22389689	SSF x Far_LoA	-9,80430902	-0,062	0,315
CHR1	223962	CHR1:223962	SSF x Far_LoA	-9,79351557	0,006	0,316
CHR1	223991	CHR1:223991	SSF x Far_LoA	-10,3385919	-0,024	0,311
CHR1	224066	CHR1:224066	SSF x Far_LoA	-6,85984513	0,098	0,309
CHR1	224092	CHR1:224092	SSF x Far_LoA	-9,31941436	0,043	0,301
CHR1	22410330	CHR1:22410330	SSF x Far_LoA	-9,1770512	0,013	0,332
CHR1	22410341	CHR1:22410341	SSF x Far_LoA	-9,97951224	-0,015	0,315
CHR1	22416102	CHR1:22416102	SSF x Far_LoA	-9,99689675	0,089	0,302
CHR1	224172	CHR1:224172	SSF x Far_LoA	-8,7124026	0,038	0,285
CHR1	22419350	CHR1:22419350	SSF x Far_LoA	-9,40863502	-0,049	0,304
CHR1	22419364	CHR1:22419364	SSF x Far_LoA	-9,04985676	-0,040	0,314
CHR1	22419420	CHR1:22419420	SSF x Far_LoA	-10,6204507	0,053	0,298
CHR1	22425867	CHR1:22425867	SSF x Far_LoA	-10,777574	-0,029	0,305
CHR1	22425877	CHR1:22425877	SSF x Far_LoA	-3,37985405	0,090	0,295
CHR1	22428998	CHR1:22428998	SSF x Far_LoA	-9,28326352	-0,006	0,300
CHR1	22429074	CHR1:22429074	SSF x Far_LoA	-11,6755415	-0,035	0,318
CHR1	22429201	CHR1:22429201	SSF x Far_LoA	-10,8508414	0,110	0,297
CHR1	22429245	CHR1:22429245	SSF x Far_LoA	-9,42842244	0,096	0,309
CHR1	22435467	CHR1:22435467	SSF x Far_LoA	-7,0540164	0,066	0,305
CHR1	22435555	CHR1:22435555	SSF x Far_LoA	-9,21203097	-0,106	0,318
CHR1	22435652	CHR1:22435652	SSF x Far_LoA	-10,1861707	-0,050	0,306
CHR1	22437518	CHR1:22437518	SSF x Far_LoA	-7,9603505	-0,070	0,288
CHR1	22437540	CHR1:22437540	SSF x Far_LoA	-10,4776062	-0,047	0,315
CHR1	22437585	CHR1:22437585	SSF x Far_LoA	-9,45929629	-0,027	0,287
CHR1	22437652	CHR1:22437652	SSF x Far_LoA	-9,22068844	0,031	0,307
CHR1	22437687	CHR1:22437687	SSF x Far_LoA	-10,7448857	-0,057	0,302
CHR1	22437721	CHR1:22437721	SSF x Far_LoA	-10,5134733	0,099	0,295
CHR1	22442965	CHR1:22442965	SSF x Far_LoA	-6,41078955	-0,207	0,308
CHR1	22442976	CHR1:22442976	SSF x Far_LoA	-10,4298946	-0,134	0,287
CHR1	22443613	CHR1:22443613	SSF x Far_LoA	-8,81048017	-0,089	0,297
CHR1	22451787	CHR1:22451787	SSF x Far_LoA	-7,95568428	0,140	0,296
CHR1	22451820	CHR1:22451820	SSF x Far_LoA	-8,36439096	0,105	0,309
CHR1	22451913	CHR1:22451913	SSF x Far_LoA	-8,54550979	0,002	0,320
CHR1	22451954	CHR1:22451954	SSF x Far_LoA	-11,5168281	0,064	0,305
CHR1	22452088	CHR1:22452088	SSF x Far_LoA	-10,6348119	-0,008	0,321
CHR1	22475274	CHR1:22475274	SSF x Far_LoA	-9,77489967	0,024	0,310
CHR1	22475312	CHR1:22475312	SSF x Far_LoA	-9,31260728	-0,016	0,300
CHR1	22475377	CHR1:22475377	SSF x Far_LoA	-10,236057	-0,002	0,302
CHR1	22475405	CHR1:22475405	SSF x Far_LoA	-9,34407956	-0,088	0,286
CHR1	22475502	CHR1:22475502	SSF x Far_LoA	-11,0662489	-0,035	0,314
CHR1	22475568	CHR1:22475568	SSF x Far_LoA	-11,6402144	0,066	0,305
CHR1	22475621	CHR1:22475621	SSF x Far_LoA	-11,0776612	-0,019	0,312
CHR1	22488113	CHR1:22488113	SSF x Far_LoA	-10,9153782	-0,030	0,312
CHR1	22488174	CHR1:22488174	SSF x Far_LoA	-10,6009181	-0,072	0,312
CHR1	22497207	CHR1:22497207	SSF x Far_LoA	-9,93409103	0,049	0,314
CHR1	22497225	CHR1:22497225	SSF x Far_LoA	-9,93717531	-0,064	0,299
CHR1	22497228	CHR1:22497228	SSF x Far_LoA	-12,0197822	0,033	0,295
CHR1	22512042	CHR1:22512042	SSF x Far_LoA	-11,230758	0,073	0,298

CHR1	22512090	CHR1:22512090	SSF x Far_LoA	-11,3160237	0,040	0,296
CHR1	22512092	CHR1:22512092	SSF x Far_LoA	-7,40335045	0,067	0,294
CHR1	22512098	CHR1:22512098	SSF x Far_LoA	-9,15302337	0,012	0,325
CHR1	22512099	CHR1:22512099	SSF x Far_LoA	-9,909607	0,017	0,300
CHR1	22512132	CHR1:22512132	SSF x Far_LoA	-11,5545086	0,026	0,282
CHR1	22512141	CHR1:22512141	SSF x Far_LoA	-3,59279378	0,055	0,316
CHR1	22512148	CHR1:22512148	SSF x Far_LoA	-11,7098637	-0,011	0,308
CHR1	22512577	CHR1:22512577	SSF x Far_LoA	-8,85487777	-0,109	0,325
CHR1	22512587	CHR1:22512587	SSF x Far_LoA	-4,07731167	0,165	0,301
CHR1	22521350	CHR1:22521350	SSF x Far_LoA	-10,2365182	-0,019	0,317
CHR1	22521352	CHR1:22521352	SSF x Far_LoA	-9,25029116	-0,110	0,294
CHR1	22521356	CHR1:22521356	SSF x Far_LoA	-7,63117264	-0,083	0,308
CHR1	22521369	CHR1:22521369	SSF x Far_LoA	-9,76561639	0,014	0,311
CHR1	22521411	CHR1:22521411	SSF x Far_LoA	-9,81555093	0,029	0,308
CHR1	22521491	CHR1:22521491	SSF x Far_LoA	-9,938579	-0,133	0,311
CHR1	22521527	CHR1:22521527	SSF x Far_LoA	-10,135497	0,041	0,320
CHR1	22521599	CHR1:22521599	SSF x Far_LoA	-7,91790697	-0,117	0,287
CHR1	22521603	CHR1:22521603	SSF x Far_LoA	-6,49877757	-0,103	0,303
CHR1	22524331	CHR1:22524331	SSF x Far_LoA	-8,91391106	0,120	0,307
CHR1	22528420	CHR1:22528420	SSF x Far_LoA	-9,7985121	0,058	0,306
CHR1	22534160	CHR1:22534160	SSF x Far_LoA	-9,49855396	0,049	0,305
CHR1	22534241	CHR1:22534241	SSF x Far_LoA	-7,56606112	0,158	0,296
CHR1	22554638	CHR1:22554638	SSF x Far_LoA	-8,8026249	0,073	0,311
CHR1	22554771	CHR1:22554771	SSF x Far_LoA	-4,344061	-0,087	0,319
CHR1	22557824	CHR1:22557824	SSF x Far_LoA	-6,66488686	0,129	0,307
CHR1	22558035	CHR1:22558035	SSF x Far_LoA	-10,7918436	0,099	0,299
CHR1	22558140	CHR1:22558140	SSF x Far_LoA	-8,93912241	-0,028	0,312
CHR1	22563155	CHR1:22563155	SSF x Far_LoA	-8,43215301	0,004	0,311
CHR1	22563157	CHR1:22563157	SSF x Far_LoA	-9,86558249	-0,042	0,304
CHR1	22563159	CHR1:22563159	SSF x Far_LoA	-7,49934925	0,065	0,315
CHR1	22563160	CHR1:22563160	SSF x Far_LoA	-9,74003583	-0,011	0,311
CHR1	22563163	CHR1:22563163	SSF x Far_LoA	-10,0617949	-0,002	0,298
CHR1	22563164	CHR1:22563164	SSF x Far_LoA	-8,91167839	-0,004	0,317
CHR1	22563244	CHR1:22563244	SSF x Far_LoA	-8,90745394	0,028	0,305
CHR1	22568578	CHR1:22568578	SSF x Far_LoA	-7,8099826	0,036	0,310
CHR1	22568620	CHR1:22568620	SSF x Far_LoA	-10,6292803	-0,004	0,328
CHR1	22568657	CHR1:22568657	SSF x Far_LoA	-10,0153261	-0,051	0,316
CHR1	22568688	CHR1:22568688	SSF x Far_LoA	-9,12154071	0,140	0,298
CHR1	22568713	CHR1:22568713	SSF x Far_LoA	-6,63807082	-0,124	0,317
CHR1	22568714	CHR1:22568714	SSF x Far_LoA	-5,87769137	-0,053	0,321
CHR1	22568759	CHR1:22568759	SSF x Far_LoA	-0,47926102	-0,131	0,307
CHR1	22568768	CHR1:22568768	SSF x Far_LoA	-10,4040838	-0,014	0,320
CHR1	22570889	CHR1:22570889	SSF x Far_LoA	-10,3484819	-0,002	0,296
CHR1	22570899	CHR1:22570899	SSF x Far_LoA	-11,9414245	-0,035	0,303
CHR1	22570975	CHR1:22570975	SSF x Far_LoA	-9,18853224	-0,067	0,307
CHR1	22576199	CHR1:22576199	SSF x Far_LoA	-6,81178853	0,174	0,290
CHR1	22576202	CHR1:22576202	SSF x Far_LoA	-7,0191672	0,144	0,297
CHR1	22576279	CHR1:22576279	SSF x Far_LoA	-7,76116873	-0,049	0,318
CHR1	22577008	CHR1:22577008	SSF x Far_LoA	-10,4982752	-0,102	0,295
CHR1	22577009	CHR1:22577009	SSF x Far_LoA	-10,5697829	-0,099	0,302
CHR1	22577155	CHR1:22577155	SSF x Far_LoA	-10,2291806	-0,080	0,309
CHR1	22581313	CHR1:22581313	SSF x Far_LoA	-10,4343798	-0,036	0,297
CHR1	22581319	CHR1:22581319	SSF x Far_LoA	-7,63878704	-0,140	0,305

CHR1	22581474	CHR1:22581474	SSF x Far_LoA	-8,81061276	0,080	0,300
CHR1	22581527	CHR1:22581527	SSF x Far_LoA	-7,95662255	-0,053	0,318
CHR1	22581533	CHR1:22581533	SSF x Far_LoA	-7,80454655	0,021	0,295
CHR1	22583190	CHR1:22583190	SSF x Far_LoA	-9,72185268	0,040	0,312
CHR1	22584345	CHR1:22584345	SSF x Far_LoA	-6,53785558	-0,082	0,302
CHR1	22584370	CHR1:22584370	SSF x Far_LoA	-10,7073963	0,011	0,292
CHR1	22588856	CHR1:22588856	SSF x Far_LoA	-10,794556	0,035	0,308
CHR1	22592003	CHR1:22592003	SSF x Far_LoA	-10,7946057	0,092	0,309
CHR1	22592028	CHR1:22592028	SSF x Far_LoA	-9,80910112	0,086	0,312
CHR1	22592041	CHR1:22592041	SSF x Far_LoA	-8,50066275	0,120	0,301
CHR1	22592044	CHR1:22592044	SSF x Far_LoA	-8,71917889	-0,011	0,310
CHR1	22594154	CHR1:22594154	SSF x Far_LoA	-9,05722603	0,022	0,297
CHR1	22601322	CHR1:22601322	SSF x Far_LoA	-9,81493331	-0,124	0,305
CHR1	22601354	CHR1:22601354	SSF x Far_LoA	-8,80155861	-0,087	0,305
CHR1	2260499	CHR1:2260499	SSF x Far_LoA	-10,4548753	0,087	0,314
CHR1	2260503	CHR1:2260503	SSF x Far_LoA	-11,2809513	0,047	0,308
CHR1	2260561	CHR1:2260561	SSF x Far_LoA	-7,69154214	0,053	0,304
CHR1	2260565	CHR1:2260565	SSF x Far_LoA	-8,69495052	-0,039	0,302
CHR1	2260575	CHR1:2260575	SSF x Far_LoA	-9,88206886	-0,092	0,319
CHR1	2260603	CHR1:2260603	SSF x Far_LoA	-7,57980756	-0,129	0,292
CHR1	2260630	CHR1:2260630	SSF x Far_LoA	-10,0926045	0,058	0,308
CHR1	22610869	CHR1:22610869	SSF x Far_LoA	-7,19560012	-0,184	0,302
CHR1	22610960	CHR1:22610960	SSF x Far_LoA	-9,65881118	0,045	0,311
CHR1	22611041	CHR1:22611041	SSF x Far_LoA	-10,754032	-0,102	0,307
CHR1	22611066	CHR1:22611066	SSF x Far_LoA	-6,91182919	-0,119	0,306
CHR1	22620230	CHR1:22620230	SSF x Far_LoA	-8,48779712	0,046	0,305
CHR1	22630543	CHR1:22630543	SSF x Far_LoA	-10,5634587	-0,020	0,318
CHR1	22630548	CHR1:22630548	SSF x Far_LoA	-10,596317	-0,004	0,309
CHR1	2263081	CHR1:2263081	SSF x Far_LoA	-4,43211992	0,006	0,298
CHR1	2263121	CHR1:2263121	SSF x Far_LoA	-9,43592726	-0,094	0,314
CHR1	2263134	CHR1:2263134	SSF x Far_LoA	-7,83002076	0,163	0,298
CHR1	2263187	CHR1:2263187	SSF x Far_LoA	-8,58127548	-0,008	0,310
CHR1	2263240	CHR1:2263240	SSF x Far_LoA	-8,37468844	0,135	0,307
CHR1	22660423	CHR1:22660423	SSF x Far_LoA	-8,7869238	0,134	0,298
CHR1	22660472	CHR1:22660472	SSF x Far_LoA	-9,30059636	-0,059	0,325
CHR1	22660489	CHR1:22660489	SSF x Far_LoA	-9,54480245	0,064	0,309
CHR1	22660500	CHR1:22660500	SSF x Far_LoA	-10,8234263	-0,014	0,317
CHR1	22660508	CHR1:22660508	SSF x Far_LoA	-6,58427502	-0,171	0,289
CHR1	22660523	CHR1:22660523	SSF x Far_LoA	-7,33832313	-0,184	0,289
CHR1	22660525	CHR1:22660525	SSF x Far_LoA	-5,87266821	0,116	0,302
CHR1	22660558	CHR1:22660558	SSF x Far_LoA	-9,11585806	0,036	0,300
CHR1	22660600	CHR1:22660600	SSF x Far_LoA	-9,69958377	-0,085	0,314
CHR1	22660628	CHR1:22660628	SSF x Far_LoA	-7,12518583	0,119	0,278
CHR1	22668032	CHR1:22668032	SSF x Far_LoA	-10,9919188	-0,074	0,313
CHR1	22680613	CHR1:22680613	SSF x Far_LoA	-9,04802988	0,022	0,311
CHR1	22680651	CHR1:22680651	SSF x Far_LoA	-10,7697975	-0,011	0,302
CHR1	22680730	CHR1:22680730	SSF x Far_LoA	-11,2595638	-0,058	0,283
CHR1	22680735	CHR1:22680735	SSF x Far_LoA	-9,00320482	-0,073	0,295
CHR1	22680753	CHR1:22680753	SSF x Far_LoA	-10,0123889	-0,027	0,291
CHR1	22680832	CHR1:22680832	SSF x Far_LoA	-7,76736517	-0,098	0,311
CHR1	22680835	CHR1:22680835	SSF x Far_LoA	-8,12624747	-0,105	0,308
CHR1	22680837	CHR1:22680837	SSF x Far_LoA	-9,17375991	-0,055	0,303
CHR1	22686857	CHR1:22686857	SSF x Far_LoA	-10,4657447	-0,112	0,296

CHR1	22686975	CHR1:22686975	SSF x Far_LoA	-10,5300856	-0,132	0,296
CHR1	22688173	CHR1:22688173	SSF x Far_LoA	-6,91621841	0,139	0,296
CHR1	22688241	CHR1:22688241	SSF x Far_LoA	-9,50449847	0,117	0,311
CHR1	22697796	CHR1:22697796	SSF x Far_LoA	-8,62492421	0,076	0,307
CHR1	22697843	CHR1:22697843	SSF x Far_LoA	-9,06853808	0,123	0,305
CHR1	22731955	CHR1:22731955	SSF x Far_LoA	-9,19649315	-0,152	0,310
CHR1	22731987	CHR1:22731987	SSF x Far_LoA	-5,78687254	0,164	0,294
CHR1	22731995	CHR1:22731995	SSF x Far_LoA	-7,58103437	-0,127	0,307
CHR1	22732002	CHR1:22732002	SSF x Far_LoA	-11,5301218	-0,038	0,300
CHR1	22732034	CHR1:22732034	SSF x Far_LoA	6,78293027	-0,132	0,296
CHR1	22732092	CHR1:22732092	SSF x Far_LoA	-9,126358	0,035	0,317
CHR1	22732135	CHR1:22732135	SSF x Far_LoA	-11,37681	0,001	0,301
CHR1	22732143	CHR1:22732143	SSF x Far_LoA	-12,2019198	-0,019	0,300
CHR1	22735615	CHR1:22735615	SSF x Far_LoA	-10,3333661	0,019	0,299
CHR1	22737460	CHR1:22737460	SSF x Far_LoA	-8,67215758	0,071	0,301
CHR1	22742393	CHR1:22742393	SSF x Far_LoA	-9,2950185	-0,038	0,306
CHR1	22742429	CHR1:22742429	SSF x Far_LoA	-9,58612846	0,116	0,297
CHR1	22742527	CHR1:22742527	SSF x Far_LoA	-8,35221034	0,161	0,290
CHR1	22753653	CHR1:22753653	SSF x Far_LoA	-7,67525979	-0,006	0,313
CHR1	2278362	CHR1:2278362	SSF x Far_LoA	-10,3407643	-0,053	0,296
CHR1	2278419	CHR1:2278419	SSF x Far_LoA	-10,3725522	-0,085	0,295
CHR1	2278553	CHR1:2278553	SSF x Far_LoA	-11,6251671	0,060	0,301
CHR1	22797537	CHR1:22797537	SSF x Far_LoA	-9,70613301	-0,034	0,312
CHR1	22798347	CHR1:22798347	SSF x Far_LoA	-7,43042004	-0,148	0,296
CHR1	22798368	CHR1:22798368	SSF x Far_LoA	-6,27879567	-0,197	0,294
CHR1	22798369	CHR1:22798369	SSF x Far_LoA	-11,0373819	-0,080	0,312
CHR1	22798407	CHR1:22798407	SSF x Far_LoA	-5,21504629	-0,070	0,310
CHR1	22804602	CHR1:22804602	SSF x Far_LoA	-5,14989498	0,092	0,302
CHR1	22804850	CHR1:22804850	SSF x Far_LoA	-9,35796617	-0,124	0,302
CHR1	22830831	CHR1:22830831	SSF x Far_LoA	-9,81631847	0,072	0,298
CHR1	22835905	CHR1:22835905	SSF x Far_LoA	-10,6395012	-0,111	0,303
CHR1	22836002	CHR1:22836002	SSF x Far_LoA	-9,30587122	-0,140	0,303
CHR1	22837584	CHR1:22837584	SSF x Far_LoA	-3,59910417	-0,016	0,325
CHR1	22837670	CHR1:22837670	SSF x Far_LoA	-9,59688802	-0,006	0,304
CHR1	22837695	CHR1:22837695	SSF x Far_LoA	-11,1024504	-0,041	0,306
CHR1	22842953	CHR1:22842953	SSF x Far_LoA	-11,290567	0,047	0,312
CHR1	22842982	CHR1:22842982	SSF x Far_LoA	-8,67761062	-0,066	0,314
CHR1	22843020	CHR1:22843020	SSF x Far_LoA	-8,60486374	-0,059	0,296
CHR1	22843041	CHR1:22843041	SSF x Far_LoA	-10,3273394	-0,020	0,311
CHR1	22843068	CHR1:22843068	SSF x Far_LoA	-9,77860752	0,125	0,305
CHR1	22847378	CHR1:22847378	SSF x Far_LoA	-10,2802842	-0,025	0,322
CHR1	22847389	CHR1:22847389	SSF x Far_LoA	-11,1932423	-0,016	0,322
CHR1	22851004	CHR1:22851004	SSF x Far_LoA	-11,5410367	0,051	0,292
CHR1	22851037	CHR1:22851037	SSF x Far_LoA	-8,40525504	0,124	0,305
CHR1	22851056	CHR1:22851056	SSF x Far_LoA	-9,34718289	0,086	0,295
CHR1	22851058	CHR1:22851058	SSF x Far_LoA	-9,85009095	0,146	0,306
CHR1	22851094	CHR1:22851094	SSF x Far_LoA	-10,4762703	-0,038	0,317
CHR1	22852095	CHR1:22852095	SSF x Far_LoA	-10,4336636	0,010	0,318
CHR1	22857817	CHR1:22857817	SSF x Far_LoA	-8,87569372	-0,043	0,303
CHR1	22857837	CHR1:22857837	SSF x Far_LoA	-7,3931378	-0,042	0,314
CHR1	22857843	CHR1:22857843	SSF x Far_LoA	-10,8857038	0,045	0,305
CHR1	22857853	CHR1:22857853	SSF x Far_LoA	-8,73969739	0,106	0,308
CHR1	22857894	CHR1:22857894	SSF x Far_LoA	-8,96045118	-0,038	0,312

CHR1	22857915	CHR1:22857915	SSF x Far_LoA	-8,41055434	-0,022	0,302
CHR1	22857920	CHR1:22857920	SSF x Far_LoA	-8,61424895	0,026	0,313
CHR1	22858008	CHR1:22858008	SSF x Far_LoA	-8,6029979	0,012	0,311
CHR1	22858016	CHR1:22858016	SSF x Far_LoA	-11,5951588	0,023	0,305
CHR1	22858026	CHR1:22858026	SSF x Far_LoA	-11,063677	0,023	0,313
CHR1	22858029	CHR1:22858029	SSF x Far_LoA	-9,75885678	0,033	0,303
CHR1	22869273	CHR1:22869273	SSF x Far_LoA	-8,00815383	0,001	0,320
CHR1	22869489	CHR1:22869489	SSF x Far_LoA	-9,86316006	0,083	0,292
CHR1	22869572	CHR1:22869572	SSF x Far_LoA	-9,45033014	0,055	0,301
CHR1	22869605	CHR1:22869605	SSF x Far_LoA	-10,236947	-0,018	0,318
CHR1	22869638	CHR1:22869638	SSF x Far_LoA	-7,75803299	0,128	0,298
CHR1	2289168	CHR1:2289168	SSF x Far_LoA	-8,03845599	-0,109	0,299
CHR1	2289177	CHR1:2289177	SSF x Far_LoA	-4,34895205	0,193	0,285
CHR1	2289202	CHR1:2289202	SSF x Far_LoA	-8,86128156	-0,118	0,297
CHR1	22899946	CHR1:22899946	SSF x Far_LoA	-9,13236819	-0,038	0,314
CHR1	22899952	CHR1:22899952	SSF x Far_LoA	-7,49828312	-0,095	0,293
CHR1	22899968	CHR1:22899968	SSF x Far_LoA	-10,7560407	0,072	0,320
CHR1	22900000	CHR1:22900000	SSF x Far_LoA	-11,3421307	0,081	0,302
CHR1	22900003	CHR1:22900003	SSF x Far_LoA	-8,45240278	-0,071	0,310
CHR1	22900005	CHR1:22900005	SSF x Far_LoA	-8,66999345	0,002	0,304
CHR1	22900017	CHR1:22900017	SSF x Far_LoA	-9,37958124	-0,023	0,305
CHR1	22900023	CHR1:22900023	SSF x Far_LoA	-10,2455317	0,047	0,313
CHR1	22902357	CHR1:22902357	SSF x Far_LoA	-8,27052929	-0,163	0,311
CHR1	22923532	CHR1:22923532	SSF x Far_LoA	-9,46690997	-0,093	0,307
CHR1	22936170	CHR1:22936170	SSF x Far_LoA	-10,0355017	-0,045	0,306
CHR1	22936239	CHR1:22936239	SSF x Far_LoA	-7,873804	-0,104	0,316
CHR1	22936251	CHR1:22936251	SSF x Far_LoA	-7,66165811	-0,039	0,297
CHR1	22936320	CHR1:22936320	SSF x Far_LoA	-10,7509374	0,025	0,303
CHR1	22936375	CHR1:22936375	SSF x Far_LoA	-10,0440244	0,137	0,300
CHR1	22937801	CHR1:22937801	SSF x Far_LoA	-10,7724585	0,035	0,311
CHR1	22937925	CHR1:22937925	SSF x Far_LoA	-10,6969274	-0,002	0,290
CHR1	22945185	CHR1:22945185	SSF x Far_LoA	-9,26144514	-0,094	0,306
CHR1	22945299	CHR1:22945299	SSF x Far_LoA	-6,13243143	0,133	0,313
CHR1	22948854	CHR1:22948854	SSF x Far_LoA	-11,2227288	-0,092	0,298
CHR1	22948858	CHR1:22948858	SSF x Far_LoA	-10,1647292	0,000	0,293
CHR1	22948880	CHR1:22948880	SSF x Far_LoA	-10,6201523	0,073	0,304
CHR1	22948884	CHR1:22948884	SSF x Far_LoA	-9,34330262	0,026	0,307
CHR1	22948910	CHR1:22948910	SSF x Far_LoA	-10,0677081	0,058	0,312
CHR1	22948915	CHR1:22948915	SSF x Far_LoA	-7,8973906	0,118	0,303
CHR1	22948921	CHR1:22948921	SSF x Far_LoA	-11,2632505	0,022	0,299
CHR1	22948938	CHR1:22948938	SSF x Far_LoA	-6,92319295	-0,038	0,316
CHR1	22948943	CHR1:22948943	SSF x Far_LoA	-9,37621512	0,115	0,316
CHR1	22949098	CHR1:22949098	SSF x Far_LoA	-8,5529435	-0,030	0,312
CHR1	22963869	CHR1:22963869	SSF x Far_LoA	-9,21468343	0,042	0,315
CHR1	22969380	CHR1:22969380	SSF x Far_LoA	-8,26684359	0,024	0,307
CHR1	22969408	CHR1:22969408	SSF x Far_LoA	-8,80701764	0,029	0,312
CHR1	22969526	CHR1:22969526	SSF x Far_LoA	-7,91120782	0,074	0,305
CHR1	22970801	CHR1:22970801	SSF x Far_LoA	-7,59520085	0,148	0,300
CHR1	22970805	CHR1:22970805	SSF x Far_LoA	-5,20362767	0,137	0,304
CHR1	22970821	CHR1:22970821	SSF x Far_LoA	-10,2374055	0,162	0,301
CHR1	22970894	CHR1:22970894	SSF x Far_LoA	-4,50242279	-0,174	0,293
CHR1	22970895	CHR1:22970895	SSF x Far_LoA	-3,88652247	-0,206	0,293
CHR1	2297415	CHR1:2297415	SSF x Far_LoA	-9,08996186	-0,078	0,308

CHR1	22974224	CHR1:22974224	SSF x Far_LoA	-9,80948071	0,018	0,312
CHR1	22974288	CHR1:22974288	SSF x Far_LoA	-8,61096888	-0,136	0,304
CHR1	22974293	CHR1:22974293	SSF x Far_LoA	-8,96724814	-0,032	0,305
CHR1	22974294	CHR1:22974294	SSF x Far_LoA	-11,2175216	-0,025	0,311
CHR1	22974348	CHR1:22974348	SSF x Far_LoA	-4,74565881	-0,137	0,304
CHR1	22974355	CHR1:22974355	SSF x Far_LoA	-7,68331068	-0,113	0,306
CHR1	22974382	CHR1:22974382	SSF x Far_LoA	-11,5444512	-0,028	0,303
CHR1	2297626	CHR1:2297626	SSF x Far_LoA	-5,81334287	0,164	0,307
CHR1	22980274	CHR1:22980274	SSF x Far_LoA	-11,9811957	0,008	0,321
CHR1	22986954	CHR1:22986954	SSF x Far_LoA	-6,85235429	-0,083	0,297
CHR1	22990759	CHR1:22990759	SSF x Far_LoA	-8,73026126	-0,053	0,296
CHR1	22995434	CHR1:22995434	SSF x Far_LoA	-9,35146921	-0,110	0,298
CHR1	23009228	CHR1:23009228	SSF x Far_LoA	-8,96226371	-0,075	0,313
CHR1	23009299	CHR1:23009299	SSF x Far_LoA	-9,54876015	-0,061	0,307
CHR1	23009349	CHR1:23009349	SSF x Far_LoA	-6,38622132	-0,127	0,306
CHR1	23009426	CHR1:23009426	SSF x Far_LoA	-7,6673066	-0,090	0,303
CHR1	23011351	CHR1:23011351	SSF x Far_LoA	-11,9358746	-0,019	0,306
CHR1	23011436	CHR1:23011436	SSF x Far_LoA	-5,96503295	0,069	0,306
CHR1	23011533	CHR1:23011533	SSF x Far_LoA	-11,13102	0,030	0,308
CHR1	23011543	CHR1:23011543	SSF x Far_LoA	-9,77742111	-0,059	0,308
CHR1	23011596	CHR1:23011596	SSF x Far_LoA	-7,95692416	0,002	0,309
CHR1	23011630	CHR1:23011630	SSF x Far_LoA	-8,50880104	-0,036	0,317
CHR1	2301325	CHR1:2301325	SSF x Far_LoA	-7,06359829	-0,053	0,302
CHR1	2301373	CHR1:2301373	SSF x Far_LoA	-10,5244435	0,000	0,307
CHR1	2301401	CHR1:2301401	SSF x Far_LoA	-8,47398205	-0,142	0,306
CHR1	2301408	CHR1:2301408	SSF x Far_LoA	-10,3588165	0,042	0,308
CHR1	2301468	CHR1:2301468	SSF x Far_LoA	-3,24479435	-0,202	0,304
CHR1	23019062	CHR1:23019062	SSF x Far_LoA	-10,0629816	-0,010	0,304
CHR1	23019071	CHR1:23019071	SSF x Far_LoA	-11,0463188	-0,069	0,312
CHR1	23019099	CHR1:23019099	SSF x Far_LoA	-9,35879788	-0,020	0,291
CHR1	23021715	CHR1:23021715	SSF x Far_LoA	-8,26448263	-0,162	0,295
CHR1	23030998	CHR1:23030998	SSF x Far_LoA	-9,77343076	0,026	0,292
CHR1	23031049	CHR1:23031049	SSF x Far_LoA	-9,56443731	-0,163	0,272
CHR1	23031308	CHR1:23031308	SSF x Far_LoA	-7,34214243	-0,101	0,314
CHR1	23031310	CHR1:23031310	SSF x Far_LoA	-9,4273698	-0,143	0,290
CHR1	23031317	CHR1:23031317	SSF x Far_LoA	-9,02775811	-0,124	0,305
CHR1	23031333	CHR1:23031333	SSF x Far_LoA	-7,69487544	-0,139	0,311
CHR1	23035433	CHR1:23035433	SSF x Far_LoA	-8,31893103	0,073	0,310
CHR1	23035461	CHR1:23035461	SSF x Far_LoA	-5,30366157	-0,173	0,308
CHR1	230356	CHR1:230356	SSF x Far_LoA	-4,37951019	0,181	0,300
CHR1	23036352	CHR1:23036352	SSF x Far_LoA	-11,2092458	-0,110	0,309
CHR1	23036387	CHR1:23036387	SSF x Far_LoA	-6,77061949	0,114	0,297
CHR1	23036424	CHR1:23036424	SSF x Far_LoA	-9,08998741	-0,059	0,292
CHR1	2304045	CHR1:2304045	SSF x Far_LoA	-10,7381342	0,049	0,310
CHR1	2304497	CHR1:2304497	SSF x Far_LoA	-9,77069553	-0,106	0,302
CHR1	23045474	CHR1:23045474	SSF x Far_LoA	-3,88731687	-0,136	0,296
CHR1	23045626	CHR1:23045626	SSF x Far_LoA	-9,30483141	-0,107	0,303
CHR1	23048759	CHR1:23048759	SSF x Far_LoA	-8,90675826	-0,113	0,300
CHR1	23048906	CHR1:23048906	SSF x Far_LoA	-8,23807218	0,006	0,291
CHR1	23059849	CHR1:23059849	SSF x Far_LoA	-9,37199623	0,119	0,289
CHR1	23059896	CHR1:23059896	SSF x Far_LoA	-8,60830287	-0,041	0,308
CHR1	23059903	CHR1:23059903	SSF x Far_LoA	-10,856838	0,122	0,302
CHR1	23059951	CHR1:23059951	SSF x Far_LoA	-10,4884333	0,122	0,305

CHR1	23060028	CHR1:23060028	SSF x Far_LoA	-8,76323012	0,119	0,304
CHR1	23060057	CHR1:23060057	SSF x Far_LoA	-9,87964878	0,063	0,300
CHR1	23068475	CHR1:23068475	SSF x Far_LoA	-7,70497818	-0,068	0,307
CHR1	23073060	CHR1:23073060	SSF x Far_LoA	-5,91021515	-0,213	0,299
CHR1	23073251	CHR1:23073251	SSF x Far_LoA	-9,63074727	0,012	0,305
CHR1	23079882	CHR1:23079882	SSF x Far_LoA	-8,90558473	0,010	0,314
CHR1	23113476	CHR1:23113476	SSF x Far_LoA	-11,3480796	-0,010	0,308
CHR1	23113626	CHR1:23113626	SSF x Far_LoA	-10,2194374	-0,026	0,308
CHR1	23113646	CHR1:23113646	SSF x Far_LoA	-9,28003005	0,088	0,299
CHR1	23117286	CHR1:23117286	SSF x Far_LoA	0,81827478	0,064	0,298
CHR1	23117346	CHR1:23117346	SSF x Far_LoA	-10,2436093	0,056	0,308
CHR1	23119738	CHR1:23119738	SSF x Far_LoA	-6,54918905	-0,089	0,313
CHR1	23119853	CHR1:23119853	SSF x Far_LoA	-10,9300535	0,045	0,298
CHR1	23119905	CHR1:23119905	SSF x Far_LoA	-10,4985186	0,013	0,313
CHR1	23119944	CHR1:23119944	SSF x Far_LoA	-11,948355	0,070	0,299
CHR1	23119945	CHR1:23119945	SSF x Far_LoA	-5,45878321	-0,139	0,306
CHR1	23128107	CHR1:23128107	SSF x Far_LoA	-8,55231594	0,069	0,307
CHR1	23131206	CHR1:23131206	SSF x Far_LoA	-10,5559616	0,014	0,295
CHR1	23138944	CHR1:23138944	SSF x Far_LoA	-7,4125424	-0,147	0,307
CHR1	23138959	CHR1:23138959	SSF x Far_LoA	-8,4038371	-0,096	0,314
CHR1	23138994	CHR1:23138994	SSF x Far_LoA	-6,64957652	-0,187	0,311
CHR1	23139009	CHR1:23139009	SSF x Far_LoA	-7,99773798	0,055	0,312
CHR1	23139093	CHR1:23139093	SSF x Far_LoA	-7,2791047	-0,121	0,304
CHR1	23163184	CHR1:23163184	SSF x Far_LoA	-8,25687331	0,056	0,310
CHR1	23163287	CHR1:23163287	SSF x Far_LoA	-7,96251558	0,084	0,314
CHR1	2317377	CHR1:2317377	SSF x Far_LoA	-6,14265768	0,109	0,308
CHR1	23184088	CHR1:23184088	SSF x Far_LoA	-8,63155488	0,028	0,303
CHR1	23184096	CHR1:23184096	SSF x Far_LoA	-9,61090313	0,007	0,311
CHR1	23189081	CHR1:23189081	SSF x Far_LoA	-10,7186406	0,057	0,314
CHR1	23189123	CHR1:23189123	SSF x Far_LoA	-10,1359264	0,022	0,303
CHR1	23191823	CHR1:23191823	SSF x Far_LoA	-8,37441941	-0,109	0,294
CHR1	23191855	CHR1:23191855	SSF x Far_LoA	-8,67924288	0,022	0,324
CHR1	23191866	CHR1:23191866	SSF x Far_LoA	-8,66607388	0,012	0,325
CHR1	23191890	CHR1:23191890	SSF x Far_LoA	-8,13914947	0,163	0,299
CHR1	23191895	CHR1:23191895	SSF x Far_LoA	-4,96640077	-0,023	0,317
CHR1	23197477	CHR1:23197477	SSF x Far_LoA	-9,68398228	-0,008	0,309
CHR1	23197518	CHR1:23197518	SSF x Far_LoA	-10,054419	0,079	0,308
CHR1	23197520	CHR1:23197520	SSF x Far_LoA	-11,8718537	-0,031	0,315
CHR1	23197567	CHR1:23197567	SSF x Far_LoA	-7,93321739	-0,162	0,292
CHR1	23197665	CHR1:23197665	SSF x Far_LoA	-8,25136034	0,014	0,302
CHR1	23202758	CHR1:23202758	SSF x Far_LoA	-9,61011481	-0,048	0,293
CHR1	23202870	CHR1:23202870	SSF x Far_LoA	-11,7120176	0,005	0,328
CHR1	23206529	CHR1:23206529	SSF x Far_LoA	-8,65361296	-0,067	0,305
CHR1	23206545	CHR1:23206545	SSF x Far_LoA	-8,27584015	0,067	0,311
CHR1	23206546	CHR1:23206546	SSF x Far_LoA	-6,54589572	-0,049	0,306
CHR1	23206610	CHR1:23206610	SSF x Far_LoA	-8,9602094	-0,049	0,301
CHR1	23206639	CHR1:23206639	SSF x Far_LoA	-9,29044413	-0,034	0,307
CHR1	23219218	CHR1:23219218	SSF x Far_LoA	-9,71141183	-0,004	0,310
CHR1	23227512	CHR1:23227512	SSF x Far_LoA	-11,4970013	0,049	0,305
CHR1	23227538	CHR1:23227538	SSF x Far_LoA	-10,6593887	-0,097	0,301
CHR1	23227596	CHR1:23227596	SSF x Far_LoA	-10,756484	-0,049	0,299
CHR1	23229769	CHR1:23229769	SSF x Far_LoA	-8,88903572	0,100	0,309
CHR1	23229854	CHR1:23229854	SSF x Far_LoA	-7,9347569	0,029	0,307

CHR1	23231546	CHR1:23231546	SSF x Far_LoA	-5,28699669	0,089	0,310
CHR1	23231583	CHR1:23231583	SSF x Far_LoA	-7,81459183	-0,134	0,306
CHR1	23249519	CHR1:23249519	SSF x Far_LoA	-8,23098389	0,069	0,314
CHR1	23251094	CHR1:23251094	SSF x Far_LoA	-10,2292426	-0,046	0,291
CHR1	23285397	CHR1:23285397	SSF x Far_LoA	-9,64656699	-0,084	0,294
CHR1	23285447	CHR1:23285447	SSF x Far_LoA	-7,13783608	-0,155	0,304
CHR1	23285454	CHR1:23285454	SSF x Far_LoA	-7,76840267	0,159	0,302
CHR1	23285463	CHR1:23285463	SSF x Far_LoA	-7,8494593	-0,110	0,314
CHR1	23285485	CHR1:23285485	SSF x Far_LoA	-11,5902209	0,037	0,311
CHR1	23285510	CHR1:23285510	SSF x Far_LoA	-9,57162601	-0,103	0,306
CHR1	23287378	CHR1:23287378	SSF x Far_LoA	-10,2476035	-0,025	0,317
CHR1	23287401	CHR1:23287401	SSF x Far_LoA	-10,690911	-0,041	0,302
CHR1	23287429	CHR1:23287429	SSF x Far_LoA	-10,8334507	0,020	0,301
CHR1	23297899	CHR1:23297899	SSF x Far_LoA	-8,84581898	0,091	0,322
CHR1	23297918	CHR1:23297918	SSF x Far_LoA	-9,12749609	-0,059	0,312
CHR1	23297935	CHR1:23297935	SSF x Far_LoA	-8,92690962	0,010	0,331
CHR1	23302661	CHR1:23302661	SSF x Far_LoA	-6,44900051	-0,077	0,316
CHR1	23306601	CHR1:23306601	SSF x Far_LoA	-9,77447981	0,012	0,313
CHR1	23306999	CHR1:23306999	SSF x Far_LoA	-10,5586947	0,073	0,308
CHR1	2331098	CHR1:2331098	SSF x Far_LoA	-8,32802165	-0,081	0,314
CHR1	23311188	CHR1:23311188	SSF x Far_LoA	-7,70225686	0,062	0,310
CHR1	23311197	CHR1:23311197	SSF x Far_LoA	-8,9791866	0,084	0,295
CHR1	23311206	CHR1:23311206	SSF x Far_LoA	-9,08376166	-0,055	0,298
CHR1	23311218	CHR1:23311218	SSF x Far_LoA	-9,13072201	0,037	0,312
CHR1	2331187	CHR1:2331187	SSF x Far_LoA	-6,97637147	-0,025	0,314
CHR1	2331206	CHR1:2331206	SSF x Far_LoA	-8,73227186	0,044	0,289
CHR1	2331208	CHR1:2331208	SSF x Far_LoA	-9,63121543	0,071	0,298
CHR1	2331224	CHR1:2331224	SSF x Far_LoA	-9,09448305	-0,042	0,316
CHR1	23312909	CHR1:23312909	SSF x Far_LoA	-10,592115	0,100	0,307
CHR1	23312939	CHR1:23312939	SSF x Far_LoA	-3,49387403	0,194	0,291
CHR1	23313025	CHR1:23313025	SSF x Far_LoA	-8,55263091	-0,138	0,309
CHR1	23313148	CHR1:23313148	SSF x Far_LoA	-12,0843779	-0,014	0,298
CHR1	23315555	CHR1:23315555	SSF x Far_LoA	-6,00874054	-0,031	0,307
CHR1	23315568	CHR1:23315568	SSF x Far_LoA	-8,84030883	0,037	0,309
CHR1	23316924	CHR1:23316924	SSF x Far_LoA	-7,14978893	0,093	0,309
CHR1	23316989	CHR1:23316989	SSF x Far_LoA	-11,396573	0,120	0,285
CHR1	23317106	CHR1:23317106	SSF x Far_LoA	-10,8496339	-0,067	0,313
CHR1	23317263	CHR1:23317263	SSF x Far_LoA	-9,76971727	0,117	0,285
CHR1	23327041	CHR1:23327041	SSF x Far_LoA	-12,517778	-0,029	0,290
CHR1	23327081	CHR1:23327081	SSF x Far_LoA	-9,16422638	0,060	0,297
CHR1	2333070	CHR1:2333070	SSF x Far_LoA	-10,8324057	0,029	0,308
CHR1	2333120	CHR1:2333120	SSF x Far_LoA	-9,77962397	0,050	0,293
CHR1	23335250	CHR1:23335250	SSF x Far_LoA	-8,96942291	-0,049	0,320
CHR1	23335418	CHR1:23335418	SSF x Far_LoA	-11,4882672	0,044	0,314
CHR1	23346496	CHR1:23346496	SSF x Far_LoA	-10,655343	0,044	0,328
CHR1	23346509	CHR1:23346509	SSF x Far_LoA	-9,014335	-0,080	0,304
CHR1	23346537	CHR1:23346537	SSF x Far_LoA	-9,66680079	0,089	0,301
CHR1	23346551	CHR1:23346551	SSF x Far_LoA	-9,4308466	-0,104	0,306
CHR1	23346620	CHR1:23346620	SSF x Far_LoA	-10,0940531	-0,098	0,303
CHR1	23351195	CHR1:23351195	SSF x Far_LoA	-8,437698	-0,052	0,295
CHR1	23353865	CHR1:23353865	SSF x Far_LoA	-10,7246833	-0,012	0,311
CHR1	23353894	CHR1:23353894	SSF x Far_LoA	-6,42788725	-0,224	0,293
CHR1	23353909	CHR1:23353909	SSF x Far_LoA	-11,4351858	-0,010	0,297

CHR1	23353958	CHR1:23353958	SSF x Far_LoA	-10,0361301	0,038	0,309
CHR1	23353965	CHR1:23353965	SSF x Far_LoA	-10,5177242	-0,028	0,305
CHR1	23353991	CHR1:23353991	SSF x Far_LoA	-9,23457796	0,034	0,310
CHR1	23378749	CHR1:23378749	SSF x Far_LoA	0,58889552	0,148	0,292
CHR1	23378776	CHR1:23378776	SSF x Far_LoA	-3,24191044	0,157	0,301
CHR1	23378783	CHR1:23378783	SSF x Far_LoA	-6,17847929	-0,186	0,295
CHR1	23378795	CHR1:23378795	SSF x Far_LoA	-5,4785278	-0,206	0,275
CHR1	23378840	CHR1:23378840	SSF x Far_LoA	-7,22712607	0,065	0,320
CHR1	23378843	CHR1:23378843	SSF x Far_LoA	-8,34202379	0,047	0,306
CHR1	23378851	CHR1:23378851	SSF x Far_LoA	-4,05235067	-0,193	0,305
CHR1	23378890	CHR1:23378890	SSF x Far_LoA	-7,08798895	-0,233	0,276
CHR1	23378936	CHR1:23378936	SSF x Far_LoA	-7,99536102	0,167	0,303
CHR1	23381425	CHR1:23381425	SSF x Far_LoA	-7,40122343	-0,011	0,293
CHR1	23381458	CHR1:23381458	SSF x Far_LoA	-8,41257045	-0,007	0,300
CHR1	23389371	CHR1:23389371	SSF x Far_LoA	-10,4719758	0,050	0,312
CHR1	23393476	CHR1:23393476	SSF x Far_LoA	-12,2143709	0,002	0,303
CHR1	23393477	CHR1:23393477	SSF x Far_LoA	-12,1102811	0,048	0,298
CHR1	23393493	CHR1:23393493	SSF x Far_LoA	-5,1421894	0,145	0,297
CHR1	23393501	CHR1:23393501	SSF x Far_LoA	-9,84766628	0,000	0,285
CHR1	23393566	CHR1:23393566	SSF x Far_LoA	-9,97321528	-0,031	0,299
CHR1	23393587	CHR1:23393587	SSF x Far_LoA	-9,744281	0,003	0,310
CHR1	23393633	CHR1:23393633	SSF x Far_LoA	-10,8480901	-0,060	0,306
CHR1	23393636	CHR1:23393636	SSF x Far_LoA	-9,66496843	-0,087	0,308
CHR1	23393654	CHR1:23393654	SSF x Far_LoA	-10,1540695	-0,055	0,301
CHR1	23393698	CHR1:23393698	SSF x Far_LoA	-8,61072322	0,018	0,296
CHR1	23395842	CHR1:23395842	SSF x Far_LoA	-10,6746714	-0,006	0,308
CHR1	23395974	CHR1:23395974	SSF x Far_LoA	-11,8402642	-0,034	0,297
CHR1	23395989	CHR1:23395989	SSF x Far_LoA	-10,2175639	-0,016	0,323
CHR1	23396000	CHR1:23396000	SSF x Far_LoA	-7,9915267	-0,029	0,315
CHR1	23396006	CHR1:23396006	SSF x Far_LoA	-9,63049502	-0,014	0,306
CHR1	2341342	CHR1:2341342	SSF x Far_LoA	-8,72923504	0,057	0,301
CHR1	2341489	CHR1:2341489	SSF x Far_LoA	-8,4901364	-0,066	0,291
CHR1	23424219	CHR1:23424219	SSF x Far_LoA	-6,30507042	0,129	0,299
CHR1	23427682	CHR1:23427682	SSF x Far_LoA	-10,7850904	0,005	0,303
CHR1	23427886	CHR1:23427886	SSF x Far_LoA	-10,7898722	0,073	0,298
CHR1	23427915	CHR1:23427915	SSF x Far_LoA	-9,81487238	0,006	0,301
CHR1	23432097	CHR1:23432097	SSF x Far_LoA	-8,02637932	-0,081	0,299
CHR1	23432108	CHR1:23432108	SSF x Far_LoA	-8,65751627	0,091	0,310
CHR1	23432195	CHR1:23432195	SSF x Far_LoA	-9,95188924	-0,012	0,308
CHR1	23435351	CHR1:23435351	SSF x Far_LoA	-10,5079226	0,072	0,313
CHR1	23440829	CHR1:23440829	SSF x Far_LoA	-9,46926485	0,032	0,291
CHR1	23449417	CHR1:23449417	SSF x Far_LoA	-10,4472867	-0,024	0,314
CHR1	23449485	CHR1:23449485	SSF x Far_LoA	-11,2606719	-0,004	0,307
CHR1	23449517	CHR1:23449517	SSF x Far_LoA	-9,35733955	0,054	0,313
CHR1	23456135	CHR1:23456135	SSF x Far_LoA	-9,15313255	-0,060	0,304
CHR1	23456188	CHR1:23456188	SSF x Far_LoA	-11,7536959	-0,007	0,310
CHR1	23456253	CHR1:23456253	SSF x Far_LoA	-9,30034949	0,000	0,312
CHR1	23456404	CHR1:23456404	SSF x Far_LoA	-5,80562518	0,028	0,318
CHR1	23474366	CHR1:23474366	SSF x Far_LoA	-9,99382698	-0,038	0,316
CHR1	2347523	CHR1:2347523	SSF x Far_LoA	-9,23964397	-0,068	0,300
CHR1	2347671	CHR1:2347671	SSF x Far_LoA	-11,2615983	0,063	0,304
CHR1	2347680	CHR1:2347680	SSF x Far_LoA	-9,08231488	0,136	0,302
CHR1	23485496	CHR1:23485496	SSF x Far_LoA	-3,6170585	0,192	0,299

CHR1	23514361	CHR1:23514361	SSF x Far_LoA	-6,92965036	0,012	0,306
CHR1	23514422	CHR1:23514422	SSF x Far_LoA	-9,85107122	-0,111	0,300
CHR1	23514510	CHR1:23514510	SSF x Far_LoA	-8,71716891	0,065	0,303
CHR1	23516266	CHR1:23516266	SSF x Far_LoA	-7,65807263	-0,179	0,283
CHR1	23516279	CHR1:23516279	SSF x Far_LoA	-8,06087437	0,063	0,305
CHR1	2352799	CHR1:2352799	SSF x Far_LoA	-9,17113866	0,012	0,318
CHR1	2352849	CHR1:2352849	SSF x Far_LoA	-10,0716668	-0,065	0,307
CHR1	2352851	CHR1:2352851	SSF x Far_LoA	-11,3677697	-0,026	0,310
CHR1	2352931	CHR1:2352931	SSF x Far_LoA	-3,92906156	0,124	0,305
CHR1	2352938	CHR1:2352938	SSF x Far_LoA	-8,61099913	0,002	0,318
CHR1	2353009	CHR1:2353009	SSF x Far_LoA	-9,40611001	0,057	0,312
CHR1	2353040	CHR1:2353040	SSF x Far_LoA	-9,61230513	-0,030	0,311
CHR1	23531436	CHR1:23531436	SSF x Far_LoA	-10,2747642	-0,058	0,308
CHR1	2354768	CHR1:2354768	SSF x Far_LoA	-10,2601087	-0,080	0,312
CHR1	2354809	CHR1:2354809	SSF x Far_LoA	-9,26106686	0,013	0,286
CHR1	23557050	CHR1:23557050	SSF x Far_LoA	-9,2456668	-0,043	0,320
CHR1	23557107	CHR1:23557107	SSF x Far_LoA	-10,174982	0,002	0,311
CHR1	23572669	CHR1:23572669	SSF x Far_LoA	-10,8027969	0,005	0,314
CHR1	23579649	CHR1:23579649	SSF x Far_LoA	-9,16876587	-0,022	0,320
CHR1	23582124	CHR1:23582124	SSF x Far_LoA	-10,067222	0,022	0,318
CHR1	23592680	CHR1:23592680	SSF x Far_LoA	-9,42621819	0,097	0,305
CHR1	2362922	CHR1:2362922	SSF x Far_LoA	-9,10157606	-0,040	0,307
CHR1	2362989	CHR1:2362989	SSF x Far_LoA	-8,32488862	0,052	0,308
CHR1	23638761	CHR1:23638761	SSF x Far_LoA	-10,1668556	-0,030	0,317
CHR1	23638811	CHR1:23638811	SSF x Far_LoA	-11,449024	-0,001	0,306
CHR1	23654263	CHR1:23654263	SSF x Far_LoA	-12,6289943	-0,035	0,287
CHR1	23654293	CHR1:23654293	SSF x Far_LoA	-7,00092885	0,034	0,299
CHR1	23654360	CHR1:23654360	SSF x Far_LoA	-8,13096368	0,067	0,314
CHR1	23654374	CHR1:23654374	SSF x Far_LoA	-8,70759531	0,057	0,293
CHR1	23676283	CHR1:23676283	SSF x Far_LoA	-8,8538661	0,123	0,294
CHR1	23676417	CHR1:23676417	SSF x Far_LoA	-8,04304739	0,174	0,308
CHR1	23682064	CHR1:23682064	SSF x Far_LoA	-10,9120758	0,024	0,296
CHR1	23682123	CHR1:23682123	SSF x Far_LoA	-8,70849029	0,089	0,303
CHR1	23692481	CHR1:23692481	SSF x Far_LoA	-9,46358784	-0,035	0,307
CHR1	23692530	CHR1:23692530	SSF x Far_LoA	-8,66446615	0,043	0,315
CHR1	23710980	CHR1:23710980	SSF x Far_LoA	-9,60959385	0,036	0,321
CHR1	23711034	CHR1:23711034	SSF x Far_LoA	-9,21323258	0,091	0,310
CHR1	23719335	CHR1:23719335	SSF x Far_LoA	-8,90532424	0,167	0,311
CHR1	23723384	CHR1:23723384	SSF x Far_LoA	-8,76126076	0,009	0,318
CHR1	23733443	CHR1:23733443	SSF x Far_LoA	-8,58676821	0,131	0,292
CHR1	23733546	CHR1:23733546	SSF x Far_LoA	-10,972104	0,090	0,307
CHR1	23744134	CHR1:23744134	SSF x Far_LoA	-8,91898887	-0,019	0,316
CHR1	23744220	CHR1:23744220	SSF x Far_LoA	-12,2468702	0,054	0,309
CHR1	23746015	CHR1:23746015	SSF x Far_LoA	-6,72245875	-0,150	0,292
CHR1	23746063	CHR1:23746063	SSF x Far_LoA	-8,5705678	0,052	0,311
CHR1	23746210	CHR1:23746210	SSF x Far_LoA	-9,53510113	-0,097	0,303
CHR1	23750778	CHR1:23750778	SSF x Far_LoA	-7,42353688	-0,057	0,298
CHR1	23750887	CHR1:23750887	SSF x Far_LoA	-11,455013	-0,007	0,306
CHR1	2375675	CHR1:2375675	SSF x Far_LoA	-0,98777121	0,106	0,307
CHR1	2375773	CHR1:2375773	SSF x Far_LoA	-10,3765342	0,060	0,299
CHR1	23761157	CHR1:23761157	SSF x Far_LoA	-5,40013464	-0,016	0,311
CHR1	23761243	CHR1:23761243	SSF x Far_LoA	-10,416868	0,062	0,318
CHR1	23777167	CHR1:23777167	SSF x Far_LoA	-11,6584214	-0,001	0,308

CHR1	2378088	CHR1:2378088	SSF x Far_LoA	-8,41731543	-0,058	0,298
CHR1	23809351	CHR1:23809351	SSF x Far_LoA	-8,66578661	-0,138	0,290
CHR1	23809389	CHR1:23809389	SSF x Far_LoA	-9,60552163	-0,125	0,308
CHR1	23809391	CHR1:23809391	SSF x Far_LoA	-9,26908918	-0,108	0,314
CHR1	23829002	CHR1:23829002	SSF x Far_LoA	-8,92006489	-0,016	0,313
CHR1	23829181	CHR1:23829181	SSF x Far_LoA	-9,11497184	-0,046	0,317
CHR1	23829187	CHR1:23829187	SSF x Far_LoA	-9,35752843	-0,030	0,303
CHR1	23829189	CHR1:23829189	SSF x Far_LoA	-9,90723493	0,006	0,314
CHR1	23838092	CHR1:23838092	SSF x Far_LoA	-7,08532748	-0,090	0,297
CHR1	23838171	CHR1:23838171	SSF x Far_LoA	-11,0905903	-0,060	0,306
CHR1	23838192	CHR1:23838192	SSF x Far_LoA	-6,05814095	-0,085	0,314
CHR1	23838238	CHR1:23838238	SSF x Far_LoA	-9,09739018	-0,073	0,305
CHR1	23838243	CHR1:23838243	SSF x Far_LoA	-7,64054223	-0,128	0,312
CHR1	23844064	CHR1:23844064	SSF x Far_LoA	-7,65456748	0,121	0,300
CHR1	23859876	CHR1:23859876	SSF x Far_LoA	-11,0815148	-0,049	0,295
CHR1	23860088	CHR1:23860088	SSF x Far_LoA	-8,32025553	0,028	0,320
CHR1	23860153	CHR1:23860153	SSF x Far_LoA	-10,6119616	0,054	0,298
CHR1	23864067	CHR1:23864067	SSF x Far_LoA	-9,82506192	0,047	0,311
CHR1	23864215	CHR1:23864215	SSF x Far_LoA	-11,2828194	0,014	0,299
CHR1	23864216	CHR1:23864216	SSF x Far_LoA	-11,1364642	0,032	0,300
CHR1	23864229	CHR1:23864229	SSF x Far_LoA	-12,0985257	0,020	0,294
CHR1	23864248	CHR1:23864248	SSF x Far_LoA	-9,43506307	0,013	0,321
CHR1	23866756	CHR1:23866756	SSF x Far_LoA	-9,56024227	0,033	0,313
CHR1	23884767	CHR1:23884767	SSF x Far_LoA	-8,60142354	-0,024	0,327
CHR1	23884818	CHR1:23884818	SSF x Far_LoA	-11,2678944	0,091	0,300
CHR1	23884826	CHR1:23884826	SSF x Far_LoA	-8,99440079	-0,059	0,297
CHR1	2388734	CHR1:2388734	SSF x Far_LoA	-12,1073496	-0,013	0,311
CHR1	23890709	CHR1:23890709	SSF x Far_LoA	-9,9957241	0,087	0,294
CHR1	23890715	CHR1:23890715	SSF x Far_LoA	-8,64700418	-0,112	0,307
CHR1	23890747	CHR1:23890747	SSF x Far_LoA	-10,0535859	-0,088	0,299
CHR1	23896943	CHR1:23896943	SSF x Far_LoA	-8,12456812	0,063	0,313
CHR1	23898551	CHR1:23898551	SSF x Far_LoA	-10,7417638	0,022	0,309
CHR1	23898638	CHR1:23898638	SSF x Far_LoA	-8,19293419	0,090	0,302
CHR1	23898709	CHR1:23898709	SSF x Far_LoA	-9,47784439	-0,110	0,298
CHR1	23898728	CHR1:23898728	SSF x Far_LoA	-10,6029239	0,015	0,320
CHR1	23901776	CHR1:23901776	SSF x Far_LoA	-7,47458859	0,032	0,297
CHR1	23901782	CHR1:23901782	SSF x Far_LoA	-8,24423307	0,072	0,301
CHR1	23901896	CHR1:23901896	SSF x Far_LoA	-8,79030016	-0,049	0,316
CHR1	23904084	CHR1:23904084	SSF x Far_LoA	-9,60101661	0,137	0,295
CHR1	23904095	CHR1:23904095	SSF x Far_LoA	-1,6872754	-0,230	0,290
CHR1	23904592	CHR1:23904592	SSF x Far_LoA	-9,54548326	0,181	0,305
CHR1	23904618	CHR1:23904618	SSF x Far_LoA	-10,4457042	-0,058	0,320
CHR1	23904688	CHR1:23904688	SSF x Far_LoA	-6,12947653	-0,144	0,308
CHR1	23911009	CHR1:23911009	SSF x Far_LoA	-9,06346076	-0,023	0,305
CHR1	23911163	CHR1:23911163	SSF x Far_LoA	-9,16070848	-0,085	0,309
CHR1	23911201	CHR1:23911201	SSF x Far_LoA	-8,55521113	-0,060	0,303
CHR1	23914267	CHR1:23914267	SSF x Far_LoA	-10,631634	-0,063	0,319
CHR1	23914268	CHR1:23914268	SSF x Far_LoA	-10,742963	-0,036	0,307
CHR1	23914324	CHR1:23914324	SSF x Far_LoA	-8,32901613	0,076	0,296
CHR1	23914349	CHR1:23914349	SSF x Far_LoA	-9,00848921	0,005	0,303
CHR1	23914393	CHR1:23914393	SSF x Far_LoA	-9,11664571	-0,079	0,304
CHR1	23914414	CHR1:23914414	SSF x Far_LoA	-11,3392115	-0,058	0,307
CHR1	23923699	CHR1:23923699	SSF x Far_LoA	-10,2902094	-0,124	0,312

CHR1	23942897	CHR1:23942897	SSF x Far_LoA	-10,6432444	0,068	0,304
CHR1	23942907	CHR1:23942907	SSF x Far_LoA	-9,625223	-0,117	0,297
CHR1	23943085	CHR1:23943085	SSF x Far_LoA	-6,95437619	0,160	0,294
CHR1	23948936	CHR1:23948936	SSF x Far_LoA	-10,3746878	-0,014	0,303
CHR1	23962076	CHR1:23962076	SSF x Far_LoA	-9,63889725	-0,041	0,311
CHR1	23962186	CHR1:23962186	SSF x Far_LoA	-6,55743144	-0,242	0,289
CHR1	23985945	CHR1:23985945	SSF x Far_LoA	-10,0588224	-0,156	0,312
CHR1	23985950	CHR1:23985950	SSF x Far_LoA	-7,50404582	0,138	0,302
CHR1	23986216	CHR1:23986216	SSF x Far_LoA	-11,056254	-0,037	0,309
CHR1	23986241	CHR1:23986241	SSF x Far_LoA	-9,44351714	-0,051	0,319
CHR1	23986316	CHR1:23986316	SSF x Far_LoA	-11,7919024	-0,056	0,311
CHR1	23986348	CHR1:23986348	SSF x Far_LoA	-8,83860723	-0,016	0,315
CHR1	23989784	CHR1:23989784	SSF x Far_LoA	-6,28763315	-0,124	0,313
CHR1	24002030	CHR1:24002030	SSF x Far_LoA	-10,277264	-0,109	0,301
CHR1	24002114	CHR1:24002114	SSF x Far_LoA	4,57265533	0,078	0,288
CHR1	24002134	CHR1:24002134	SSF x Far_LoA	-1,7868549	0,078	0,299
CHR1	24002152	CHR1:24002152	SSF x Far_LoA	-11,5365232	-0,041	0,316
CHR1	24002220	CHR1:24002220	SSF x Far_LoA	-9,22736609	0,025	0,311
CHR1	24003750	CHR1:24003750	SSF x Far_LoA	-8,26809881	0,017	0,297
CHR1	24003827	CHR1:24003827	SSF x Far_LoA	-9,7254044	-0,065	0,322
CHR1	24008439	CHR1:24008439	SSF x Far_LoA	-6,93923119	-0,098	0,317
CHR1	24008521	CHR1:24008521	SSF x Far_LoA	-11,0983975	0,084	0,310
CHR1	24012432	CHR1:24012432	SSF x Far_LoA	-8,92817446	0,000	0,312
CHR1	24012441	CHR1:24012441	SSF x Far_LoA	-8,351409	0,083	0,306
CHR1	24012472	CHR1:24012472	SSF x Far_LoA	-7,26561616	-0,073	0,321
CHR1	24012544	CHR1:24012544	SSF x Far_LoA	-7,65902728	0,023	0,314
CHR1	24012549	CHR1:24012549	SSF x Far_LoA	-9,77339775	-0,002	0,305
CHR1	24012625	CHR1:24012625	SSF x Far_LoA	-9,81286412	0,114	0,317
CHR1	24012638	CHR1:24012638	SSF x Far_LoA	-7,15437725	-0,011	0,301
CHR1	24012653	CHR1:24012653	SSF x Far_LoA	-11,5607259	0,006	0,300
CHR1	24014139	CHR1:24014139	SSF x Far_LoA	-11,6567894	-0,061	0,309
CHR1	24014170	CHR1:24014170	SSF x Far_LoA	-11,0763591	-0,038	0,307
CHR1	24020553	CHR1:24020553	SSF x Far_LoA	-7,16424245	-0,107	0,318
CHR1	24020566	CHR1:24020566	SSF x Far_LoA	-8,88165897	-0,074	0,297
CHR1	24020625	CHR1:24020625	SSF x Far_LoA	-7,64389612	-0,131	0,306
CHR1	24053036	CHR1:24053036	SSF x Far_LoA	-10,5541951	0,098	0,306
CHR1	24053101	CHR1:24053101	SSF x Far_LoA	-10,7339985	-0,157	0,301
CHR1	24056193	CHR1:24056193	SSF x Far_LoA	-10,522303	0,041	0,295
CHR1	24059758	CHR1:24059758	SSF x Far_LoA	-10,129309	-0,070	0,312
CHR1	24059763	CHR1:24059763	SSF x Far_LoA	-6,12193595	0,106	0,306
CHR1	24059809	CHR1:24059809	SSF x Far_LoA	-9,29275722	0,075	0,308
CHR1	24059977	CHR1:24059977	SSF x Far_LoA	-8,81119477	0,083	0,306
CHR1	24076011	CHR1:24076011	SSF x Far_LoA	-8,48423064	0,120	0,301
CHR1	24076038	CHR1:24076038	SSF x Far_LoA	-9,90117866	0,027	0,302
CHR1	24089933	CHR1:24089933	SSF x Far_LoA	-8,0568538	-0,099	0,315
CHR1	24126958	CHR1:24126958	SSF x Far_LoA	-9,2371111	-0,001	0,296
CHR1	24135218	CHR1:24135218	SSF x Far_LoA	-11,4614712	0,003	0,310
CHR1	24135229	CHR1:24135229	SSF x Far_LoA	-9,93454614	-0,050	0,309
CHR1	24135359	CHR1:24135359	SSF x Far_LoA	-10,5894262	0,064	0,310
CHR1	24135432	CHR1:24135432	SSF x Far_LoA	-11,9151256	0,047	0,312
CHR1	24144741	CHR1:24144741	SSF x Far_LoA	-9,81117163	-0,033	0,309
CHR1	24144768	CHR1:24144768	SSF x Far_LoA	-11,3429993	0,024	0,288
CHR1	24144845	CHR1:24144845	SSF x Far_LoA	-6,91855081	0,025	0,294

CHR1	24144866	CHR1:24144866	SSF x Far_LoA	-8,03521765	0,080	0,307
CHR1	24144943	CHR1:24144943	SSF x Far_LoA	-9,58823848	-0,030	0,305
CHR1	24155340	CHR1:24155340	SSF x Far_LoA	-9,87355403	0,090	0,292
CHR1	24155362	CHR1:24155362	SSF x Far_LoA	-7,41059277	-0,018	0,306
CHR1	24155413	CHR1:24155413	SSF x Far_LoA	-8,28483626	-0,187	0,276
CHR1	24155445	CHR1:24155445	SSF x Far_LoA	-6,15970713	0,077	0,306
CHR1	24155809	CHR1:24155809	SSF x Far_LoA	-10,1700115	-0,061	0,311
CHR1	24165848	CHR1:24165848	SSF x Far_LoA	-8,2518437	-0,094	0,311
CHR1	24165852	CHR1:24165852	SSF x Far_LoA	-6,24144027	0,004	0,309
CHR1	24173069	CHR1:24173069	SSF x Far_LoA	-10,2243282	-0,077	0,309
CHR1	24173088	CHR1:24173088	SSF x Far_LoA	-11,539955	-0,009	0,319
CHR1	24175378	CHR1:24175378	SSF x Far_LoA	-9,23464568	0,001	0,310
CHR1	24175431	CHR1:24175431	SSF x Far_LoA	-8,97571473	-0,047	0,309
CHR1	24175453	CHR1:24175453	SSF x Far_LoA	-9,63025195	0,023	0,309
CHR1	24175522	CHR1:24175522	SSF x Far_LoA	-8,81040951	0,002	0,315
CHR1	24175554	CHR1:24175554	SSF x Far_LoA	-11,1203292	0,101	0,283
CHR1	24175658	CHR1:24175658	SSF x Far_LoA	-8,52123846	-0,054	0,305
CHR1	24175660	CHR1:24175660	SSF x Far_LoA	-7,89025412	0,049	0,307
CHR1	24186326	CHR1:24186326	SSF x Far_LoA	-10,4980167	0,037	0,317
CHR1	24195310	CHR1:24195310	SSF x Far_LoA	-9,08159452	-0,017	0,309
CHR1	24195367	CHR1:24195367	SSF x Far_LoA	-8,86097741	-0,027	0,298
CHR1	24195368	CHR1:24195368	SSF x Far_LoA	-11,5285698	-0,066	0,311
CHR1	24195416	CHR1:24195416	SSF x Far_LoA	-9,08888306	-0,138	0,298
CHR1	24199146	CHR1:24199146	SSF x Far_LoA	-11,7191087	0,037	0,315
CHR1	24199198	CHR1:24199198	SSF x Far_LoA	-10,1262262	-0,017	0,308
CHR1	24199266	CHR1:24199266	SSF x Far_LoA	-2,80936837	0,065	0,305
CHR1	2420381	CHR1:2420381	SSF x Far_LoA	-11,5031449	0,005	0,298
CHR1	2420399	CHR1:2420399	SSF x Far_LoA	-7,10185176	-0,107	0,304
CHR1	2420432	CHR1:2420432	SSF x Far_LoA	-11,7397528	-0,024	0,315
CHR1	24204339	CHR1:24204339	SSF x Far_LoA	-11,3622018	-0,107	0,296
CHR1	24204343	CHR1:24204343	SSF x Far_LoA	-6,78209069	-0,015	0,305
CHR1	24204369	CHR1:24204369	SSF x Far_LoA	-10,8872587	-0,023	0,303
CHR1	24204403	CHR1:24204403	SSF x Far_LoA	-9,8330831	-0,009	0,307
CHR1	24204892	CHR1:24204892	SSF x Far_LoA	-6,58206382	0,106	0,309
CHR1	2420750	CHR1:2420750	SSF x Far_LoA	-8,76732807	-0,035	0,299
CHR1	24213225	CHR1:24213225	SSF x Far_LoA	-7,9961817	-0,091	0,305
CHR1	24213243	CHR1:24213243	SSF x Far_LoA	-9,40404827	0,096	0,294
CHR1	24213320	CHR1:24213320	SSF x Far_LoA	-5,45969003	0,173	0,297
CHR1	24213326	CHR1:24213326	SSF x Far_LoA	-10,3403722	0,121	0,298
CHR1	24227480	CHR1:24227480	SSF x Far_LoA	-9,65853161	0,095	0,304
CHR1	24233146	CHR1:24233146	SSF x Far_LoA	-3,67020059	0,080	0,302
CHR1	24233165	CHR1:24233165	SSF x Far_LoA	-8,93700763	-0,122	0,302
CHR1	24233222	CHR1:24233222	SSF x Far_LoA	-8,46700439	-0,104	0,310
CHR1	24233228	CHR1:24233228	SSF x Far_LoA	-9,00130566	-0,143	0,307
CHR1	24233233	CHR1:24233233	SSF x Far_LoA	-9,41313725	0,045	0,299
CHR1	24233288	CHR1:24233288	SSF x Far_LoA	-10,2151003	0,090	0,306
CHR1	24233289	CHR1:24233289	SSF x Far_LoA	-11,1941974	0,059	0,310
CHR1	24233357	CHR1:24233357	SSF x Far_LoA	-9,16775671	-0,002	0,314
CHR1	24239165	CHR1:24239165	SSF x Far_LoA	-8,23366499	-0,100	0,297
CHR1	24239187	CHR1:24239187	SSF x Far_LoA	-9,54446436	-0,051	0,299
CHR1	24239209	CHR1:24239209	SSF x Far_LoA	-6,42363317	0,155	0,311
CHR1	24239212	CHR1:24239212	SSF x Far_LoA	-10,2681596	0,047	0,314
CHR1	24239243	CHR1:24239243	SSF x Far_LoA	-9,46706129	-0,035	0,307

CHR1	24239280	CHR1:24239280	SSF x Far_LoA	-9,99991015	0,049	0,303
CHR1	24239293	CHR1:24239293	SSF x Far_LoA	-10,9105456	-0,127	0,284
CHR1	24241151	CHR1:24241151	SSF x Far_LoA	-4,36954525	-0,107	0,305
CHR1	24241199	CHR1:24241199	SSF x Far_LoA	-12,616907	-0,022	0,297
CHR1	24241201	CHR1:24241201	SSF x Far_LoA	-9,15466231	-0,107	0,300
CHR1	24241207	CHR1:24241207	SSF x Far_LoA	-10,1608416	-0,033	0,303
CHR1	24241281	CHR1:24241281	SSF x Far_LoA	-7,83550674	0,147	0,296
CHR1	24241284	CHR1:24241284	SSF x Far_LoA	-8,52203314	-0,092	0,310
CHR1	24248718	CHR1:24248718	SSF x Far_LoA	-9,61345748	-0,154	0,304
CHR1	24248727	CHR1:24248727	SSF x Far_LoA	-7,71065646	-0,108	0,324
CHR1	24256249	CHR1:24256249	SSF x Far_LoA	-11,3138526	0,019	0,307
CHR1	24256300	CHR1:24256300	SSF x Far_LoA	-6,87214876	-0,185	0,300
CHR1	24256406	CHR1:24256406	SSF x Far_LoA	-6,97689551	-0,181	0,278
CHR1	2425883	CHR1:2425883	SSF x Far_LoA	-9,08050615	0,123	0,298
CHR1	24259077	CHR1:24259077	SSF x Far_LoA	-2,57228271	-0,092	0,308
CHR1	24259126	CHR1:24259126	SSF x Far_LoA	-8,8042633	-0,045	0,311
CHR1	24259181	CHR1:24259181	SSF x Far_LoA	-10,2680451	-0,043	0,313
CHR1	24259214	CHR1:24259214	SSF x Far_LoA	-9,07500721	0,052	0,304
CHR1	24259232	CHR1:24259232	SSF x Far_LoA	-6,88158428	-0,035	0,317
CHR1	24274868	CHR1:24274868	SSF x Far_LoA	-8,93957683	-0,078	0,313
CHR1	24274878	CHR1:24274878	SSF x Far_LoA	-8,44870025	0,058	0,306
CHR1	24274901	CHR1:24274901	SSF x Far_LoA	-9,00908477	0,021	0,314
CHR1	24274941	CHR1:24274941	SSF x Far_LoA	-9,27490787	0,028	0,313
CHR1	24274950	CHR1:24274950	SSF x Far_LoA	-9,76167137	-0,006	0,312
CHR1	24275006	CHR1:24275006	SSF x Far_LoA	-6,33958943	0,085	0,297
CHR1	24275042	CHR1:24275042	SSF x Far_LoA	-9,46708077	-0,134	0,302
CHR1	24275043	CHR1:24275043	SSF x Far_LoA	-7,43969184	-0,135	0,303
CHR1	24275063	CHR1:24275063	SSF x Far_LoA	-10,4073544	0,066	0,307
CHR1	24283701	CHR1:24283701	SSF x Far_LoA	-8,26746939	-0,013	0,316
CHR1	24283798	CHR1:24283798	SSF x Far_LoA	-7,11680567	0,005	0,312
CHR1	24283812	CHR1:24283812	SSF x Far_LoA	-9,53260161	-0,130	0,301
CHR1	24283825	CHR1:24283825	SSF x Far_LoA	-9,50799279	-0,124	0,301
CHR1	24283852	CHR1:24283852	SSF x Far_LoA	-7,90834133	0,002	0,304
CHR1	24293557	CHR1:24293557	SSF x Far_LoA	-6,88089699	-0,141	0,298
CHR1	24293610	CHR1:24293610	SSF x Far_LoA	-10,6993386	-0,049	0,311
CHR1	24293615	CHR1:24293615	SSF x Far_LoA	-4,85876813	-0,094	0,288
CHR1	24293679	CHR1:24293679	SSF x Far_LoA	0,29365662	0,164	0,311
CHR1	24293687	CHR1:24293687	SSF x Far_LoA	-6,38634934	-0,171	0,297
CHR1	24293699	CHR1:24293699	SSF x Far_LoA	-9,56864376	0,168	0,298
CHR1	24307228	CHR1:24307228	SSF x Far_LoA	-9,28085403	-0,040	0,305
CHR1	24307407	CHR1:24307407	SSF x Far_LoA	-9,8129551	0,103	0,300
CHR1	24307444	CHR1:24307444	SSF x Far_LoA	-7,85178734	-0,038	0,293
CHR1	24307461	CHR1:24307461	SSF x Far_LoA	-9,2332081	-0,110	0,293
CHR1	24313647	CHR1:24313647	SSF x Far_LoA	-11,6339794	0,060	0,294
CHR1	24316636	CHR1:24316636	SSF x Far_LoA	-4,99942453	-0,054	0,301
CHR1	24316638	CHR1:24316638	SSF x Far_LoA	-7,98676039	-0,075	0,308
CHR1	24317393	CHR1:24317393	SSF x Far_LoA	-10,446026	-0,012	0,310
CHR1	24317442	CHR1:24317442	SSF x Far_LoA	-8,15435787	-0,116	0,314
CHR1	24317481	CHR1:24317481	SSF x Far_LoA	-9,44506713	-0,097	0,310
CHR1	24318231	CHR1:24318231	SSF x Far_LoA	-12,0154871	0,028	0,299
CHR1	24320680	CHR1:24320680	SSF x Far_LoA	-12,0806017	0,031	0,295
CHR1	24324701	CHR1:24324701	SSF x Far_LoA	-8,55074966	0,046	0,304
CHR1	24324786	CHR1:24324786	SSF x Far_LoA	-10,9354635	-0,044	0,307

CHR1	24324807	CHR1:24324807	SSF x Far_LoA	-10,8605723	-0,064	0,297
CHR1	2432566	CHR1:2432566	SSF x Far_LoA	-10,6262505	0,043	0,302
CHR1	2433628	CHR1:2433628	SSF x Far_LoA	-10,5369791	-0,035	0,318
CHR1	24354757	CHR1:24354757	SSF x Far_LoA	-7,9919392	-0,096	0,308
CHR1	24354759	CHR1:24354759	SSF x Far_LoA	-8,46633308	-0,122	0,311
CHR1	24361952	CHR1:24361952	SSF x Far_LoA	-8,23216795	0,004	0,324
CHR1	24365998	CHR1:24365998	SSF x Far_LoA	-5,53467785	-0,079	0,312
CHR1	24367692	CHR1:24367692	SSF x Far_LoA	-8,51873147	0,013	0,316
CHR1	24368353	CHR1:24368353	SSF x Far_LoA	-7,8683585	0,110	0,310
CHR1	24372840	CHR1:24372840	SSF x Far_LoA	-12,0389023	-0,011	0,298
CHR1	24372897	CHR1:24372897	SSF x Far_LoA	-11,2876829	0,054	0,320
CHR1	24380517	CHR1:24380517	SSF x Far_LoA	-10,0699159	0,105	0,293
CHR1	24380532	CHR1:24380532	SSF x Far_LoA	-5,40262613	-0,077	0,310
CHR1	24380647	CHR1:24380647	SSF x Far_LoA	-9,50016559	0,110	0,295
CHR1	24380685	CHR1:24380685	SSF x Far_LoA	-8,78242214	-0,112	0,304
CHR1	24380707	CHR1:24380707	SSF x Far_LoA	-7,78856615	-0,140	0,303
CHR1	24383118	CHR1:24383118	SSF x Far_LoA	-10,1410802	-0,028	0,320
CHR1	24383128	CHR1:24383128	SSF x Far_LoA	-8,73258651	0,023	0,315
CHR1	24400503	CHR1:24400503	SSF x Far_LoA	-10,4474646	0,167	0,296
CHR1	24400610	CHR1:24400610	SSF x Far_LoA	-9,04204601	0,028	0,314
CHR1	24400623	CHR1:24400623	SSF x Far_LoA	-8,62024194	0,063	0,305
CHR1	24411414	CHR1:24411414	SSF x Far_LoA	-10,0504966	-0,066	0,318
CHR1	24411474	CHR1:24411474	SSF x Far_LoA	-4,93416563	-0,126	0,307
CHR1	24421857	CHR1:24421857	SSF x Far_LoA	-10,8694271	-0,093	0,302
CHR1	24421930	CHR1:24421930	SSF x Far_LoA	-8,22998921	-0,106	0,302
CHR1	2443755	CHR1:2443755	SSF x Far_LoA	-10,465667	0,088	0,291
CHR1	2443828	CHR1:2443828	SSF x Far_LoA	-8,61233864	0,067	0,309
CHR1	2443858	CHR1:2443858	SSF x Far_LoA	-8,11329107	0,090	0,308
CHR1	24450706	CHR1:24450706	SSF x Far_LoA	-8,11810506	-0,036	0,313
CHR1	24450791	CHR1:24450791	SSF x Far_LoA	-6,40298783	0,124	0,290
CHR1	24453477	CHR1:24453477	SSF x Far_LoA	-8,90346197	0,022	0,306
CHR1	24453486	CHR1:24453486	SSF x Far_LoA	-9,187705	-0,005	0,296
CHR1	24453830	CHR1:24453830	SSF x Far_LoA	-7,2782139	0,084	0,293
CHR1	24453842	CHR1:24453842	SSF x Far_LoA	-9,16457715	0,067	0,291
CHR1	24453879	CHR1:24453879	SSF x Far_LoA	-9,92159894	-0,017	0,307
CHR1	24457857	CHR1:24457857	SSF x Far_LoA	-6,69651002	0,063	0,299
CHR1	24457960	CHR1:24457960	SSF x Far_LoA	-9,54036756	-0,002	0,307
CHR1	2446050	CHR1:2446050	SSF x Far_LoA	-9,01485499	0,019	0,321
CHR1	24462443	CHR1:24462443	SSF x Far_LoA	-8,65569235	-0,088	0,304
CHR1	24469739	CHR1:24469739	SSF x Far_LoA	-6,86697535	0,143	0,301
CHR1	24469771	CHR1:24469771	SSF x Far_LoA	-5,37853067	0,120	0,308
CHR1	24484586	CHR1:24484586	SSF x Far_LoA	-11,1648517	0,012	0,304
CHR1	24492294	CHR1:24492294	SSF x Far_LoA	-8,81304419	-0,027	0,312
CHR1	24492530	CHR1:24492530	SSF x Far_LoA	-11,4254357	0,002	0,296
CHR1	24494062	CHR1:24494062	SSF x Far_LoA	-11,0261664	0,009	0,287
CHR1	2449765	CHR1:2449765	SSF x Far_LoA	-10,3155739	0,099	0,291
CHR1	24499135	CHR1:24499135	SSF x Far_LoA	-5,64572011	-0,127	0,302
CHR1	24499139	CHR1:24499139	SSF x Far_LoA	-5,45563082	-0,161	0,288
CHR1	24506029	CHR1:24506029	SSF x Far_LoA	-9,00465739	-0,017	0,310
CHR1	24506104	CHR1:24506104	SSF x Far_LoA	-10,3682547	-0,041	0,296
CHR1	24510274	CHR1:24510274	SSF x Far_LoA	-4,91227097	-0,134	0,289
CHR1	24510329	CHR1:24510329	SSF x Far_LoA	-11,2058113	0,077	0,293
CHR1	24510330	CHR1:24510330	SSF x Far_LoA	-11,4867601	0,104	0,287

CHR1	24516130	CHR1:24516130	SSF x Far_LoA	-10,169915	0,033	0,313
CHR1	24516137	CHR1:24516137	SSF x Far_LoA	-7,85093716	0,033	0,302
CHR1	24525426	CHR1:24525426	SSF x Far_LoA	-8,55211087	-0,116	0,308
CHR1	24525560	CHR1:24525560	SSF x Far_LoA	-11,4669284	-0,032	0,301
CHR1	24525571	CHR1:24525571	SSF x Far_LoA	-9,47837093	0,012	0,315
CHR1	24525666	CHR1:24525666	SSF x Far_LoA	-10,5319127	-0,010	0,312
CHR1	24546822	CHR1:24546822	SSF x Far_LoA	-8,7202058	-0,044	0,316
CHR1	24546837	CHR1:24546837	SSF x Far_LoA	-9,16974654	0,020	0,311
CHR1	24546863	CHR1:24546863	SSF x Far_LoA	-7,26921406	0,044	0,315
CHR1	24546871	CHR1:24546871	SSF x Far_LoA	-8,22739592	0,046	0,314
CHR1	24546977	CHR1:24546977	SSF x Far_LoA	-5,79821577	0,027	0,320
CHR1	24547072	CHR1:24547072	SSF x Far_LoA	-10,5016318	0,034	0,295
CHR1	24547073	CHR1:24547073	SSF x Far_LoA	-8,93743055	-0,020	0,309
CHR1	24547081	CHR1:24547081	SSF x Far_LoA	-6,72016846	-0,046	0,311
CHR1	24547084	CHR1:24547084	SSF x Far_LoA	-3,2011109	0,023	0,319
CHR1	24549773	CHR1:24549773	SSF x Far_LoA	-11,5330982	-0,062	0,303
CHR1	24563691	CHR1:24563691	SSF x Far_LoA	-8,45775529	0,022	0,313
CHR1	24563694	CHR1:24563694	SSF x Far_LoA	-8,89006486	0,037	0,296
CHR1	24563698	CHR1:24563698	SSF x Far_LoA	-7,94226484	-0,014	0,310
CHR1	24579891	CHR1:24579891	SSF x Far_LoA	-10,8641693	-0,001	0,302
CHR1	24580117	CHR1:24580117	SSF x Far_LoA	-10,4866891	-0,005	0,290
CHR1	24580120	CHR1:24580120	SSF x Far_LoA	-10,4678405	-0,056	0,320
CHR1	24580122	CHR1:24580122	SSF x Far_LoA	-10,5913279	0,032	0,287
CHR1	24580125	CHR1:24580125	SSF x Far_LoA	-11,0553956	-0,011	0,312
CHR1	24581834	CHR1:24581834	SSF x Far_LoA	-6,16913866	-0,165	0,311
CHR1	24590046	CHR1:24590046	SSF x Far_LoA	-8,66220959	-0,092	0,309
CHR1	24593232	CHR1:24593232	SSF x Far_LoA	-10,5149963	-0,037	0,304
CHR1	24593236	CHR1:24593236	SSF x Far_LoA	-9,88052851	-0,040	0,306
CHR1	24593291	CHR1:24593291	SSF x Far_LoA	-8,03673575	-0,014	0,308
CHR1	24593439	CHR1:24593439	SSF x Far_LoA	-9,53969073	0,008	0,321
CHR1	24593559	CHR1:24593559	SSF x Far_LoA	-8,29905933	-0,063	0,304
CHR1	24610827	CHR1:24610827	SSF x Far_LoA	-11,2068616	0,028	0,296
CHR1	24610852	CHR1:24610852	SSF x Far_LoA	-0,10248143	-0,128	0,309
CHR1	24611984	CHR1:24611984	SSF x Far_LoA	-11,0827879	-0,042	0,306
CHR1	24612003	CHR1:24612003	SSF x Far_LoA	-9,32798972	-0,085	0,297
CHR1	2461997	CHR1:2461997	SSF x Far_LoA	-9,30831151	0,077	0,303
CHR1	2462038	CHR1:2462038	SSF x Far_LoA	-8,70078044	-0,053	0,300
CHR1	2462091	CHR1:2462091	SSF x Far_LoA	-8,09972426	-0,101	0,296
CHR1	24634720	CHR1:24634720	SSF x Far_LoA	-11,2811888	0,005	0,312
CHR1	24637196	CHR1:24637196	SSF x Far_LoA	-11,0114797	-0,033	0,284
CHR1	24637230	CHR1:24637230	SSF x Far_LoA	-8,67225745	0,019	0,306
CHR1	24637284	CHR1:24637284	SSF x Far_LoA	-11,2583041	-0,038	0,302
CHR1	24637300	CHR1:24637300	SSF x Far_LoA	-10,1457192	0,165	0,296
CHR1	24637301	CHR1:24637301	SSF x Far_LoA	-9,30975489	0,063	0,302
CHR1	2464678	CHR1:2464678	SSF x Far_LoA	-9,49950204	0,100	0,312
CHR1	24654254	CHR1:24654254	SSF x Far_LoA	-10,0807638	0,029	0,308
CHR1	24656643	CHR1:24656643	SSF x Far_LoA	-10,6241411	-0,121	0,304
CHR1	24670500	CHR1:24670500	SSF x Far_LoA	-11,1569071	-0,038	0,313
CHR1	24670504	CHR1:24670504	SSF x Far_LoA	-10,9261467	0,069	0,306
CHR1	24670565	CHR1:24670565	SSF x Far_LoA	-10,0647619	0,050	0,312
CHR1	24670570	CHR1:24670570	SSF x Far_LoA	-9,95472667	0,091	0,311
CHR1	24670655	CHR1:24670655	SSF x Far_LoA	-7,98270088	-0,036	0,310
CHR1	24670718	CHR1:24670718	SSF x Far_LoA	-7,9822053	-0,091	0,323

CHR1	24672899	CHR1:24672899	SSF x Far_LoA	-9,12911906	0,065	0,315
CHR1	24672956	CHR1:24672956	SSF x Far_LoA	-10,5979673	0,108	0,317
CHR1	24688513	CHR1:24688513	SSF x Far_LoA	-8,03956071	-0,120	0,298
CHR1	24688537	CHR1:24688537	SSF x Far_LoA	-9,24623815	0,068	0,302
CHR1	24691932	CHR1:24691932	SSF x Far_LoA	-10,1473901	-0,095	0,303
CHR1	24691983	CHR1:24691983	SSF x Far_LoA	-9,73546248	-0,045	0,308
CHR1	24694919	CHR1:24694919	SSF x Far_LoA	-10,8043505	0,022	0,303
CHR1	24695007	CHR1:24695007	SSF x Far_LoA	-8,91376901	0,021	0,302
CHR1	24696769	CHR1:24696769	SSF x Far_LoA	-4,80833073	-0,092	0,330
CHR1	24696891	CHR1:24696891	SSF x Far_LoA	-9,83208459	-0,007	0,302
CHR1	24702244	CHR1:24702244	SSF x Far_LoA	-11,4769966	0,027	0,312
CHR1	2471826	CHR1:2471826	SSF x Far_LoA	-9,48670482	-0,035	0,312
CHR1	2471879	CHR1:2471879	SSF x Far_LoA	-9,48052908	-0,076	0,312
CHR1	2472098	CHR1:2472098	SSF x Far_LoA	-10,2963744	0,006	0,314
CHR1	2472109	CHR1:2472109	SSF x Far_LoA	-7,35367556	0,061	0,302
CHR1	24739583	CHR1:24739583	SSF x Far_LoA	-7,68502419	0,156	0,296
CHR1	24743896	CHR1:24743896	SSF x Far_LoA	-8,85404992	-0,062	0,301
CHR1	24743942	CHR1:24743942	SSF x Far_LoA	-10,5712304	-0,041	0,308
CHR1	24743948	CHR1:24743948	SSF x Far_LoA	-9,18497554	-0,050	0,317
CHR1	24744031	CHR1:24744031	SSF x Far_LoA	-9,53014205	0,001	0,298
CHR1	24746198	CHR1:24746198	SSF x Far_LoA	-10,5364583	-0,028	0,305
CHR1	24746261	CHR1:24746261	SSF x Far_LoA	-10,5215892	0,018	0,312
CHR1	24763234	CHR1:24763234	SSF x Far_LoA	-9,54707215	0,041	0,304
CHR1	24763243	CHR1:24763243	SSF x Far_LoA	-10,6092898	0,021	0,304
CHR1	24763247	CHR1:24763247	SSF x Far_LoA	-9,10933109	-0,004	0,310
CHR1	24763264	CHR1:24763264	SSF x Far_LoA	-8,81675443	0,093	0,299
CHR1	24763267	CHR1:24763267	SSF x Far_LoA	-8,29610132	0,004	0,317
CHR1	24763327	CHR1:24763327	SSF x Far_LoA	-7,96091657	-0,076	0,304
CHR1	24763357	CHR1:24763357	SSF x Far_LoA	-9,22386028	0,048	0,292
CHR1	24763366	CHR1:24763366	SSF x Far_LoA	-9,19244107	0,014	0,315
CHR1	24763374	CHR1:24763374	SSF x Far_LoA	-9,53359384	0,031	0,283
CHR1	24763381	CHR1:24763381	SSF x Far_LoA	-9,53786879	0,001	0,316
CHR1	24769692	CHR1:24769692	SSF x Far_LoA	-6,51843619	-0,126	0,318
CHR1	24784959	CHR1:24784959	SSF x Far_LoA	-4,53694835	-0,238	0,280
CHR1	24787058	CHR1:24787058	SSF x Far_LoA	-8,09139057	-0,108	0,305
CHR1	24787068	CHR1:24787068	SSF x Far_LoA	-6,89249135	0,030	0,306
CHR1	24787122	CHR1:24787122	SSF x Far_LoA	-11,3987829	0,015	0,304
CHR1	24787160	CHR1:24787160	SSF x Far_LoA	-10,2967961	-0,046	0,298
CHR1	24787233	CHR1:24787233	SSF x Far_LoA	-8,13519558	-0,149	0,295
CHR1	24787235	CHR1:24787235	SSF x Far_LoA	-7,10068493	0,073	0,314
CHR1	24798492	CHR1:24798492	SSF x Far_LoA	-9,02718233	-0,041	0,303
CHR1	24798571	CHR1:24798571	SSF x Far_LoA	-9,69974427	0,041	0,300
CHR1	24798587	CHR1:24798587	SSF x Far_LoA	-11,4454906	0,019	0,305
CHR1	24805612	CHR1:24805612	SSF x Far_LoA	-9,60542269	-0,079	0,299
CHR1	24805665	CHR1:24805665	SSF x Far_LoA	-11,9796169	0,013	0,310
CHR1	24819335	CHR1:24819335	SSF x Far_LoA	-8,27253146	0,079	0,301
CHR1	2482916	CHR1:2482916	SSF x Far_LoA	-10,7002499	0,059	0,302
CHR1	2482988	CHR1:2482988	SSF x Far_LoA	-9,1598898	-0,023	0,306
CHR1	24830840	CHR1:24830840	SSF x Far_LoA	-10,1530645	0,132	0,293
CHR1	24830932	CHR1:24830932	SSF x Far_LoA	-9,59365404	-0,058	0,297
CHR1	24835818	CHR1:24835818	SSF x Far_LoA	-9,75911593	-0,042	0,294
CHR1	24835839	CHR1:24835839	SSF x Far_LoA	-9,1033605	-0,052	0,305
CHR1	24835841	CHR1:24835841	SSF x Far_LoA	-9,15742059	-0,052	0,284

CHR1	24835842	CHR1:24835842	SSF x Far_LoA	-9,81789248	0,061	0,294
CHR1	24835898	CHR1:24835898	SSF x Far_LoA	-8,70280804	-0,009	0,299
CHR1	24836022	CHR1:24836022	SSF x Far_LoA	-9,81494159	0,029	0,295
CHR1	24840189	CHR1:24840189	SSF x Far_LoA	-9,95655017	-0,021	0,307
CHR1	24840305	CHR1:24840305	SSF x Far_LoA	-8,89689643	-0,035	0,309
CHR1	24840374	CHR1:24840374	SSF x Far_LoA	-9,72409335	0,128	0,290
CHR1	24846420	CHR1:24846420	SSF x Far_LoA	-6,55771542	0,097	0,309
CHR1	24846508	CHR1:24846508	SSF x Far_LoA	-7,38667408	-0,011	0,305
CHR1	24846515	CHR1:24846515	SSF x Far_LoA	-10,9037061	-0,005	0,306
CHR1	24859427	CHR1:24859427	SSF x Far_LoA	-9,29649772	-0,046	0,316
CHR1	24859433	CHR1:24859433	SSF x Far_LoA	-6,03834751	0,165	0,288
CHR1	24859532	CHR1:24859532	SSF x Far_LoA	-12,0198002	-0,022	0,306
CHR1	24859645	CHR1:24859645	SSF x Far_LoA	-8,88934377	0,063	0,304
CHR1	24859647	CHR1:24859647	SSF x Far_LoA	-8,3312506	-0,037	0,311
CHR1	24859685	CHR1:24859685	SSF x Far_LoA	-9,54464014	0,060	0,312
CHR1	24865313	CHR1:24865313	SSF x Far_LoA	-6,56612889	0,145	0,299
CHR1	24866481	CHR1:24866481	SSF x Far_LoA	-9,80772308	0,072	0,313
CHR1	24866606	CHR1:24866606	SSF x Far_LoA	-6,62738749	0,225	0,281
CHR1	2487630	CHR1:2487630	SSF x Far_LoA	-9,37491876	-0,047	0,302
CHR1	2487743	CHR1:2487743	SSF x Far_LoA	-10,6257226	-0,058	0,315
CHR1	24892688	CHR1:24892688	SSF x Far_LoA	-8,0302624	0,063	0,314
CHR1	24892693	CHR1:24892693	SSF x Far_LoA	-8,15542007	0,075	0,303
CHR1	24892707	CHR1:24892707	SSF x Far_LoA	-7,74596056	0,081	0,292
CHR1	24895393	CHR1:24895393	SSF x Far_LoA	-5,55291269	-0,161	0,309
CHR1	24912098	CHR1:24912098	SSF x Far_LoA	-8,69752675	-0,045	0,311
CHR1	24912213	CHR1:24912213	SSF x Far_LoA	-11,2315537	0,118	0,305
CHR1	24912248	CHR1:24912248	SSF x Far_LoA	-7,6028032	-0,032	0,314
CHR1	24912253	CHR1:24912253	SSF x Far_LoA	-11,5377049	-0,011	0,302
CHR1	2491465	CHR1:2491465	SSF x Far_LoA	-10,6695034	-0,123	0,313
CHR1	2491485	CHR1:2491485	SSF x Far_LoA	-11,4585392	-0,053	0,309
CHR1	2491546	CHR1:2491546	SSF x Far_LoA	-4,60103899	-0,048	0,305
CHR1	24931923	CHR1:24931923	SSF x Far_LoA	-7,67020704	-0,111	0,316
CHR1	24934342	CHR1:24934342	SSF x Far_LoA	-9,51513806	0,038	0,292
CHR1	24934365	CHR1:24934365	SSF x Far_LoA	-6,99233122	0,089	0,313
CHR1	24934579	CHR1:24934579	SSF x Far_LoA	-7,00230017	-0,127	0,302
CHR1	24947330	CHR1:24947330	SSF x Far_LoA	-8,84486406	0,000	0,299
CHR1	24947425	CHR1:24947425	SSF x Far_LoA	-10,5371059	0,095	0,315
CHR1	24947525	CHR1:24947525	SSF x Far_LoA	-7,36692493	0,044	0,313
CHR1	24947540	CHR1:24947540	SSF x Far_LoA	-9,46886756	0,097	0,303
CHR1	24947595	CHR1:24947595	SSF x Far_LoA	-11,2183408	0,018	0,301
CHR1	24953832	CHR1:24953832	SSF x Far_LoA	-7,87059595	0,127	0,296
CHR1	24953850	CHR1:24953850	SSF x Far_LoA	-11,320484	-0,002	0,308
CHR1	24953867	CHR1:24953867	SSF x Far_LoA	-10,5679344	0,067	0,308
CHR1	24953887	CHR1:24953887	SSF x Far_LoA	-8,40013619	0,193	0,301
CHR1	24953890	CHR1:24953890	SSF x Far_LoA	-11,4403431	-0,007	0,303
CHR1	24953903	CHR1:24953903	SSF x Far_LoA	-9,11672732	-0,094	0,297
CHR1	24953917	CHR1:24953917	SSF x Far_LoA	-8,19709008	-0,101	0,300
CHR1	24958543	CHR1:24958543	SSF x Far_LoA	-9,80324421	-0,024	0,304
CHR1	24958640	CHR1:24958640	SSF x Far_LoA	-12,092227	0,012	0,295
CHR1	24964216	CHR1:24964216	SSF x Far_LoA	-8,10061036	0,001	0,309
CHR1	24964324	CHR1:24964324	SSF x Far_LoA	-11,2022929	-0,059	0,312
CHR1	24964344	CHR1:24964344	SSF x Far_LoA	-5,59483277	-0,076	0,306
CHR1	24964350	CHR1:24964350	SSF x Far_LoA	-7,7003696	0,009	0,307

CHR1	24964404	CHR1:24964404	SSF x Far_LoA	-7,52944918	-0,016	0,297
CHR1	24964410	CHR1:24964410	SSF x Far_LoA	-7,67120214	0,024	0,320
CHR1	24964422	CHR1:24964422	SSF x Far_LoA	-7,80112026	0,012	0,305
CHR1	24970889	CHR1:24970889	SSF x Far_LoA	-7,33958218	0,031	0,313
CHR1	24973330	CHR1:24973330	SSF x Far_LoA	-9,68171053	0,055	0,302
CHR1	24973333	CHR1:24973333	SSF x Far_LoA	-9,2658732	-0,088	0,315
CHR1	24973363	CHR1:24973363	SSF x Far_LoA	-8,98184506	-0,024	0,309
CHR1	24974549	CHR1:24974549	SSF x Far_LoA	-10,2883627	-0,030	0,318
CHR1	24975727	CHR1:24975727	SSF x Far_LoA	-10,5317551	-0,072	0,308
CHR1	24983019	CHR1:24983019	SSF x Far_LoA	-6,74360454	-0,014	0,313
CHR1	24983020	CHR1:24983020	SSF x Far_LoA	-9,05379081	-0,048	0,304
CHR1	24987760	CHR1:24987760	SSF x Far_LoA	-10,5910984	0,075	0,311
CHR1	24987776	CHR1:24987776	SSF x Far_LoA	-10,6747211	-0,036	0,305
CHR1	24987795	CHR1:24987795	SSF x Far_LoA	-11,2584074	0,069	0,309
CHR1	2498822	CHR1:2498822	SSF x Far_LoA	-8,77911305	-0,067	0,298
CHR1	2498911	CHR1:2498911	SSF x Far_LoA	-9,94515257	0,039	0,293
CHR1	2499052	CHR1:2499052	SSF x Far_LoA	-11,1067597	-0,018	0,307
CHR1	24993420	CHR1:24993420	SSF x Far_LoA	-9,1597817	-0,080	0,296
CHR1	24993464	CHR1:24993464	SSF x Far_LoA	-7,86576807	0,159	0,295
CHR1	24993523	CHR1:24993523	SSF x Far_LoA	-8,43148985	0,117	0,309
CHR1	24993592	CHR1:24993592	SSF x Far_LoA	-11,808161	0,064	0,310
CHR1	24993615	CHR1:24993615	SSF x Far_LoA	-7,470446	0,128	0,297
CHR1	24993652	CHR1:24993652	SSF x Far_LoA	-10,7166449	0,061	0,305
CHR1	25001897	CHR1:25001897	SSF x Far_LoA	-8,74806257	0,155	0,301
CHR1	25004100	CHR1:25004100	SSF x Far_LoA	-7,15376524	-0,081	0,306
CHR1	25004211	CHR1:25004211	SSF x Far_LoA	-9,51521789	-0,065	0,280
CHR1	25004259	CHR1:25004259	SSF x Far_LoA	-8,02566591	0,123	0,293
CHR1	25004342	CHR1:25004342	SSF x Far_LoA	-9,57754318	0,017	0,306
CHR1	25004343	CHR1:25004343	SSF x Far_LoA	-10,2856867	0,009	0,301
CHR1	25014044	CHR1:25014044	SSF x Far_LoA	-9,4328633	-0,128	0,296
CHR1	2503462	CHR1:2503462	SSF x Far_LoA	-11,5443356	0,005	0,298
CHR1	25034738	CHR1:25034738	SSF x Far_LoA	-10,700832	-0,028	0,303
CHR1	25034837	CHR1:25034837	SSF x Far_LoA	-11,1894814	-0,039	0,319
CHR1	25041790	CHR1:25041790	SSF x Far_LoA	-8,0869083	-0,060	0,301
CHR1	25041816	CHR1:25041816	SSF x Far_LoA	-5,2022217	0,081	0,304
CHR1	25041861	CHR1:25041861	SSF x Far_LoA	-10,2695936	-0,032	0,311
CHR1	25041973	CHR1:25041973	SSF x Far_LoA	-8,83922665	-0,067	0,308
CHR1	25051346	CHR1:25051346	SSF x Far_LoA	-9,70075581	-0,074	0,311
CHR1	25051489	CHR1:25051489	SSF x Far_LoA	-10,8302499	0,011	0,313
CHR1	25063643	CHR1:25063643	SSF x Far_LoA	-7,97874415	0,043	0,311
CHR1	25063646	CHR1:25063646	SSF x Far_LoA	-6,83178112	0,063	0,307
CHR1	25063696	CHR1:25063696	SSF x Far_LoA	-8,43880136	0,069	0,312
CHR1	25063767	CHR1:25063767	SSF x Far_LoA	-8,58979787	0,035	0,300
CHR1	25063796	CHR1:25063796	SSF x Far_LoA	-8,19341118	-0,036	0,305
CHR1	25063799	CHR1:25063799	SSF x Far_LoA	-10,0677588	-0,026	0,315
CHR1	25063802	CHR1:25063802	SSF x Far_LoA	-9,00828501	-0,018	0,296
CHR1	25063840	CHR1:25063840	SSF x Far_LoA	-8,02041907	-0,004	0,310
CHR1	25063858	CHR1:25063858	SSF x Far_LoA	-7,63407543	-0,013	0,315
CHR1	25063879	CHR1:25063879	SSF x Far_LoA	-8,26170596	-0,012	0,305
CHR1	2507091	CHR1:2507091	SSF x Far_LoA	-7,79860872	-0,139	0,307
CHR1	2507105	CHR1:2507105	SSF x Far_LoA	-8,58164731	0,076	0,295
CHR1	2507177	CHR1:2507177	SSF x Far_LoA	-10,0584363	0,103	0,310
CHR1	25073260	CHR1:25073260	SSF x Far_LoA	-11,6454954	0,025	0,304

CHR1	25073387	CHR1:25073387	SSF x Far_LoA	-9,33520994	-0,068	0,313
CHR1	25073423	CHR1:25073423	SSF x Far_LoA	-9,45559605	-0,005	0,306
CHR1	25073448	CHR1:25073448	SSF x Far_LoA	-7,76473472	0,078	0,308
CHR1	25073458	CHR1:25073458	SSF x Far_LoA	-7,33879745	0,100	0,297
CHR1	25073473	CHR1:25073473	SSF x Far_LoA	-8,14316615	-0,047	0,301
CHR1	25075460	CHR1:25075460	SSF x Far_LoA	-11,9132334	0,072	0,294
CHR1	25075576	CHR1:25075576	SSF x Far_LoA	-10,3038154	-0,074	0,300
CHR1	25075582	CHR1:25075582	SSF x Far_LoA	-8,69279771	-0,036	0,327
CHR1	25075603	CHR1:25075603	SSF x Far_LoA	-6,49402149	-0,086	0,296
CHR1	25075665	CHR1:25075665	SSF x Far_LoA	-9,68774619	-0,022	0,299
CHR1	25075693	CHR1:25075693	SSF x Far_LoA	-8,31767251	-0,045	0,305
CHR1	25083223	CHR1:25083223	SSF x Far_LoA	-7,8793464	-0,090	0,323
CHR1	25083247	CHR1:25083247	SSF x Far_LoA	-4,48745138	0,006	0,303
CHR1	25084109	CHR1:25084109	SSF x Far_LoA	-8,45248315	0,045	0,304
CHR1	25095809	CHR1:25095809	SSF x Far_LoA	-7,58478989	-0,020	0,312
CHR1	25115683	CHR1:25115683	SSF x Far_LoA	-8,13352197	-0,115	0,310
CHR1	25115740	CHR1:25115740	SSF x Far_LoA	-9,24687125	-0,054	0,310
CHR1	25128192	CHR1:25128192	SSF x Far_LoA	-11,8327857	-0,001	0,304
CHR1	25152948	CHR1:25152948	SSF x Far_LoA	-9,08569055	0,026	0,311
CHR1	25161634	CHR1:25161634	SSF x Far_LoA	-5,66960593	0,061	0,305
CHR1	25164227	CHR1:25164227	SSF x Far_LoA	-11,4827	0,046	0,301
CHR1	25164285	CHR1:25164285	SSF x Far_LoA	-8,18315142	0,074	0,313
CHR1	25165649	CHR1:25165649	SSF x Far_LoA	-9,06458334	-0,016	0,301
CHR1	25165663	CHR1:25165663	SSF x Far_LoA	-10,7219272	-0,005	0,308
CHR1	25167184	CHR1:25167184	SSF x Far_LoA	-11,8839503	0,042	0,297
CHR1	25167342	CHR1:25167342	SSF x Far_LoA	-8,61662035	0,097	0,302
CHR1	25167396	CHR1:25167396	SSF x Far_LoA	-10,8744299	-0,006	0,291
CHR1	25177399	CHR1:25177399	SSF x Far_LoA	-9,65064504	-0,023	0,323
CHR1	25189672	CHR1:25189672	SSF x Far_LoA	-9,116074	-0,099	0,302
CHR1	25189975	CHR1:25189975	SSF x Far_LoA	-7,87693789	-0,051	0,304
CHR1	25194287	CHR1:25194287	SSF x Far_LoA	-9,18023594	0,076	0,304
CHR1	25194295	CHR1:25194295	SSF x Far_LoA	-7,40057268	0,098	0,310
CHR1	25194309	CHR1:25194309	SSF x Far_LoA	-8,99642579	0,072	0,311
CHR1	25194333	CHR1:25194333	SSF x Far_LoA	-9,13335072	0,073	0,308
CHR1	25194356	CHR1:25194356	SSF x Far_LoA	-8,51395123	0,050	0,311
CHR1	25194358	CHR1:25194358	SSF x Far_LoA	-7,6476141	0,088	0,305
CHR1	25194361	CHR1:25194361	SSF x Far_LoA	-8,13920514	-0,038	0,315
CHR1	25196794	CHR1:25196794	SSF x Far_LoA	-7,15458429	-0,018	0,326
CHR1	25198148	CHR1:25198148	SSF x Far_LoA	-8,44866942	-0,045	0,302
CHR1	25198267	CHR1:25198267	SSF x Far_LoA	-7,62562916	0,085	0,314
CHR1	25198307	CHR1:25198307	SSF x Far_LoA	-9,43264578	0,109	0,305
CHR1	251987	CHR1:251987	SSF x Far_LoA	-11,8629639	0,040	0,298
CHR1	25200622	CHR1:25200622	SSF x Far_LoA	-7,47591223	-0,137	0,302
CHR1	25227003	CHR1:25227003	SSF x Far_LoA	-10,1821493	0,048	0,309
CHR1	25231625	CHR1:25231625	SSF x Far_LoA	-9,10078464	-0,006	0,310
CHR1	25255564	CHR1:25255564	SSF x Far_LoA	-9,75708249	0,071	0,310
CHR1	25261357	CHR1:25261357	SSF x Far_LoA	-12,1695505	0,008	0,323
CHR1	25261366	CHR1:25261366	SSF x Far_LoA	-9,83831	-0,081	0,294
CHR1	25261543	CHR1:25261543	SSF x Far_LoA	-9,04384688	0,021	0,298
CHR1	25261593	CHR1:25261593	SSF x Far_LoA	-6,68054602	-0,064	0,322
CHR1	25261623	CHR1:25261623	SSF x Far_LoA	-5,08018009	-0,113	0,301
CHR1	25263868	CHR1:25263868	SSF x Far_LoA	-5,4571509	-0,006	0,297
CHR1	25263877	CHR1:25263877	SSF x Far_LoA	-8,07528936	-0,111	0,314

CHR1	2530119	CHR1:2530119	SSF x Far_LoA	-9,98489314	0,060	0,315
CHR1	25302041	CHR1:25302041	SSF x Far_LoA	-9,29569155	-0,020	0,312
CHR1	25302085	CHR1:25302085	SSF x Far_LoA	-10,205032	0,028	0,293
CHR1	2530977	CHR1:2530977	SSF x Far_LoA	-10,474381	-0,062	0,317
CHR1	2531027	CHR1:2531027	SSF x Far_LoA	-9,1532148	0,047	0,310
CHR1	2531048	CHR1:2531048	SSF x Far_LoA	-9,96532141	0,019	0,305
CHR1	2531159	CHR1:2531159	SSF x Far_LoA	-8,44276581	-0,051	0,308
CHR1	25347034	CHR1:25347034	SSF x Far_LoA	-10,7524782	-0,120	0,302
CHR1	25347046	CHR1:25347046	SSF x Far_LoA	-12,2339772	0,033	0,302
CHR1	25347051	CHR1:25347051	SSF x Far_LoA	-9,84634	0,106	0,301
CHR1	25347080	CHR1:25347080	SSF x Far_LoA	-10,5146942	0,015	0,301
CHR1	25347098	CHR1:25347098	SSF x Far_LoA	-10,6204515	0,102	0,298
CHR1	25347099	CHR1:25347099	SSF x Far_LoA	-10,4408926	0,093	0,297
CHR1	25352071	CHR1:25352071	SSF x Far_LoA	-8,80544331	0,133	0,292
CHR1	25352112	CHR1:25352112	SSF x Far_LoA	-9,41207324	0,102	0,301
CHR1	25352122	CHR1:25352122	SSF x Far_LoA	-9,39470197	-0,093	0,313
CHR1	25357756	CHR1:25357756	SSF x Far_LoA	-9,91353882	-0,015	0,315
CHR1	25372089	CHR1:25372089	SSF x Far_LoA	-10,8741652	-0,078	0,320
CHR1	25372116	CHR1:25372116	SSF x Far_LoA	-8,55850714	0,140	0,282
CHR1	25376323	CHR1:25376323	SSF x Far_LoA	-9,96851791	-0,068	0,299
CHR1	25376381	CHR1:25376381	SSF x Far_LoA	-7,50181633	0,098	0,323
CHR1	25376464	CHR1:25376464	SSF x Far_LoA	-9,48063037	-0,006	0,306
CHR1	25376538	CHR1:25376538	SSF x Far_LoA	-9,2934054	-0,035	0,318
CHR1	25376547	CHR1:25376547	SSF x Far_LoA	-9,21514129	-0,042	0,308
CHR1	25376557	CHR1:25376557	SSF x Far_LoA	-9,99913994	-0,019	0,307
CHR1	25388437	CHR1:25388437	SSF x Far_LoA	-10,1662298	0,024	0,306
CHR1	25389246	CHR1:25389246	SSF x Far_LoA	-8,38723519	0,036	0,316
CHR1	25389290	CHR1:25389290	SSF x Far_LoA	-10,1703483	-0,031	0,315
CHR1	25389311	CHR1:25389311	SSF x Far_LoA	-12,179768	-0,045	0,301
CHR1	25393452	CHR1:25393452	SSF x Far_LoA	-5,91295018	0,163	0,293
CHR1	25393454	CHR1:25393454	SSF x Far_LoA	-10,5771522	0,084	0,293
CHR1	25393507	CHR1:25393507	SSF x Far_LoA	-10,2332607	-0,136	0,306
CHR1	25395991	CHR1:25395991	SSF x Far_LoA	-10,9036968	-0,071	0,315
CHR1	25396074	CHR1:25396074	SSF x Far_LoA	-9,00534957	-0,056	0,295
CHR1	25396170	CHR1:25396170	SSF x Far_LoA	-10,3202395	-0,100	0,314
CHR1	25399671	CHR1:25399671	SSF x Far_LoA	-8,7348038	0,087	0,311
CHR1	254010	CHR1:254010	SSF x Far_LoA	-9,93595916	0,006	0,305
CHR1	25414092	CHR1:25414092	SSF x Far_LoA	-9,94313252	-0,016	0,305
CHR1	25414157	CHR1:25414157	SSF x Far_LoA	-9,52935615	0,111	0,312
CHR1	25414195	CHR1:25414195	SSF x Far_LoA	-8,76988122	-0,002	0,308
CHR1	25422039	CHR1:25422039	SSF x Far_LoA	-9,29676926	0,063	0,303
CHR1	25422071	CHR1:25422071	SSF x Far_LoA	-5,10098287	0,042	0,307
CHR1	25422085	CHR1:25422085	SSF x Far_LoA	-10,3592662	-0,012	0,289
CHR1	25426638	CHR1:25426638	SSF x Far_LoA	-8,35428137	-0,047	0,317
CHR1	25430295	CHR1:25430295	SSF x Far_LoA	-9,21966641	-0,037	0,313
CHR1	25430351	CHR1:25430351	SSF x Far_LoA	-7,81372312	0,122	0,308
CHR1	25430399	CHR1:25430399	SSF x Far_LoA	-5,6651518	-0,063	0,313
CHR1	25430405	CHR1:25430405	SSF x Far_LoA	-7,43267477	-0,075	0,313
CHR1	25434347	CHR1:25434347	SSF x Far_LoA	-9,43059341	-0,100	0,310
CHR1	25441758	CHR1:25441758	SSF x Far_LoA	-8,25108236	0,086	0,309
CHR1	2544883	CHR1:2544883	SSF x Far_LoA	-8,59978572	0,017	0,306
CHR1	254501	CHR1:254501	SSF x Far_LoA	-8,9731448	0,075	0,305
CHR1	25451816	CHR1:25451816	SSF x Far_LoA	-10,3957647	-0,057	0,319

CHR1	25451818	CHR1:25451818	SSF x Far_LoA	-5,78624833	-0,109	0,292
CHR1	25451829	CHR1:25451829	SSF x Far_LoA	-9,36764562	0,104	0,305
CHR1	25451945	CHR1:25451945	SSF x Far_LoA	-10,2834493	0,005	0,303
CHR1	25452233	CHR1:25452233	SSF x Far_LoA	-11,1952839	0,090	0,304
CHR1	25452360	CHR1:25452360	SSF x Far_LoA	-9,52779507	-0,055	0,311
CHR1	2545794	CHR1:2545794	SSF x Far_LoA	-11,2856472	0,060	0,306
CHR1	2545810	CHR1:2545810	SSF x Far_LoA	-9,44716176	0,036	0,298
CHR1	2545814	CHR1:2545814	SSF x Far_LoA	-10,9924217	0,043	0,296
CHR1	25459513	CHR1:25459513	SSF x Far_LoA	-8,16859323	0,049	0,304
CHR1	25459537	CHR1:25459537	SSF x Far_LoA	-1,0762849	-0,126	0,310
CHR1	25459575	CHR1:25459575	SSF x Far_LoA	-9,21861364	0,007	0,320
CHR1	25459611	CHR1:25459611	SSF x Far_LoA	-0,24860873	-0,107	0,307
CHR1	25459612	CHR1:25459612	SSF x Far_LoA	-7,97131245	-0,119	0,311
CHR1	25459614	CHR1:25459614	SSF x Far_LoA	-9,55508389	-0,097	0,299
CHR1	25459618	CHR1:25459618	SSF x Far_LoA	-9,88046115	-0,134	0,301
CHR1	25459621	CHR1:25459621	SSF x Far_LoA	-8,79016943	-0,075	0,311
CHR1	25459622	CHR1:25459622	SSF x Far_LoA	-10,7285811	-0,104	0,303
CHR1	25459623	CHR1:25459623	SSF x Far_LoA	-10,5409526	-0,115	0,305
CHR1	25459674	CHR1:25459674	SSF x Far_LoA	-8,58487489	-0,057	0,292
CHR1	2545999	CHR1:2545999	SSF x Far_LoA	-7,57269028	-0,037	0,305
CHR1	25465614	CHR1:25465614	SSF x Far_LoA	-9,18495104	0,187	0,295
CHR1	25465618	CHR1:25465618	SSF x Far_LoA	-10,4736649	-0,042	0,291
CHR1	25467794	CHR1:25467794	SSF x Far_LoA	-5,97506411	-0,130	0,328
CHR1	25472167	CHR1:25472167	SSF x Far_LoA	-9,32265174	-0,086	0,302
CHR1	25472176	CHR1:25472176	SSF x Far_LoA	-8,95595393	0,052	0,298
CHR1	25472198	CHR1:25472198	SSF x Far_LoA	-8,83687614	-0,073	0,310
CHR1	25478156	CHR1:25478156	SSF x Far_LoA	-11,6510081	0,049	0,294
CHR1	25478161	CHR1:25478161	SSF x Far_LoA	-9,44001517	-0,053	0,312
CHR1	25478184	CHR1:25478184	SSF x Far_LoA	-8,80641702	-0,023	0,301
CHR1	25481755	CHR1:25481755	SSF x Far_LoA	-7,61364619	-0,012	0,320
CHR1	25481804	CHR1:25481804	SSF x Far_LoA	-5,64762874	0,114	0,295
CHR1	25492264	CHR1:25492264	SSF x Far_LoA	-9,13324685	-0,058	0,301
CHR1	25492320	CHR1:25492320	SSF x Far_LoA	-7,94199057	-0,085	0,302
CHR1	25492436	CHR1:25492436	SSF x Far_LoA	-7,99533382	-0,069	0,308
CHR1	25492446	CHR1:25492446	SSF x Far_LoA	-8,68288105	-0,094	0,305
CHR1	25512527	CHR1:25512527	SSF x Far_LoA	-8,00722491	0,033	0,312
CHR1	25512579	CHR1:25512579	SSF x Far_LoA	-10,2942556	-0,012	0,307
CHR1	25512605	CHR1:25512605	SSF x Far_LoA	-7,65836395	-0,011	0,316
CHR1	25517909	CHR1:25517909	SSF x Far_LoA	-10,0466961	-0,081	0,308
CHR1	25518095	CHR1:25518095	SSF x Far_LoA	-8,10653186	0,030	0,297
CHR1	25522723	CHR1:25522723	SSF x Far_LoA	-8,82747314	-0,067	0,322
CHR1	25522793	CHR1:25522793	SSF x Far_LoA	-4,28066441	-0,027	0,317
CHR1	25522824	CHR1:25522824	SSF x Far_LoA	-9,45225936	0,037	0,299
CHR1	25530690	CHR1:25530690	SSF x Far_LoA	-9,07290495	-0,063	0,306
CHR1	25530806	CHR1:25530806	SSF x Far_LoA	-8,46728382	0,004	0,311
CHR1	25530811	CHR1:25530811	SSF x Far_LoA	-8,3237531	-0,001	0,305
CHR1	25530813	CHR1:25530813	SSF x Far_LoA	-9,99358762	-0,088	0,308
CHR1	25530858	CHR1:25530858	SSF x Far_LoA	-11,3266106	-0,001	0,309
CHR1	25530905	CHR1:25530905	SSF x Far_LoA	-5,25296991	-0,010	0,300
CHR1	25535699	CHR1:25535699	SSF x Far_LoA	-10,1448482	-0,003	0,307
CHR1	25535713	CHR1:25535713	SSF x Far_LoA	-9,18559605	0,114	0,300
CHR1	25552288	CHR1:25552288	SSF x Far_LoA	-3,32370079	-0,098	0,307
CHR1	25552326	CHR1:25552326	SSF x Far_LoA	-10,3308655	-0,003	0,307

CHR1	25553491	CHR1:25553491	SSF x Far_LoA	-9,18370436	0,110	0,303
CHR1	25555490	CHR1:25555490	SSF x Far_LoA	-11,6143686	0,006	0,298
CHR1	25563933	CHR1:25563933	SSF x Far_LoA	-10,5550852	0,001	0,310
CHR1	25563953	CHR1:25563953	SSF x Far_LoA	-10,9611294	-0,021	0,300
CHR1	25567709	CHR1:25567709	SSF x Far_LoA	-9,23741075	-0,047	0,311
CHR1	25567798	CHR1:25567798	SSF x Far_LoA	-10,3854387	0,034	0,304
CHR1	25570735	CHR1:25570735	SSF x Far_LoA	-10,7576665	-0,052	0,310
CHR1	25570740	CHR1:25570740	SSF x Far_LoA	-5,85706441	-0,108	0,294
CHR1	25570789	CHR1:25570789	SSF x Far_LoA	-6,90691924	0,097	0,311
CHR1	25570803	CHR1:25570803	SSF x Far_LoA	-10,9631467	0,023	0,297
CHR1	25570811	CHR1:25570811	SSF x Far_LoA	-4,86586239	0,094	0,291
CHR1	25570841	CHR1:25570841	SSF x Far_LoA	-11,404707	0,005	0,303
CHR1	25570897	CHR1:25570897	SSF x Far_LoA	-9,15510989	0,027	0,307
CHR1	25570918	CHR1:25570918	SSF x Far_LoA	-9,8477518	-0,137	0,299
CHR1	25576321	CHR1:25576321	SSF x Far_LoA	-11,2565243	-0,005	0,306
CHR1	25576350	CHR1:25576350	SSF x Far_LoA	-10,9363316	-0,037	0,306
CHR1	25576394	CHR1:25576394	SSF x Far_LoA	-7,30281704	-0,082	0,320
CHR1	25584646	CHR1:25584646	SSF x Far_LoA	-11,681823	-0,036	0,310
CHR1	25584661	CHR1:25584661	SSF x Far_LoA	-9,71142371	0,001	0,314
CHR1	25584672	CHR1:25584672	SSF x Far_LoA	-10,1586654	-0,040	0,306
CHR1	25586278	CHR1:25586278	SSF x Far_LoA	-6,160668	0,066	0,296
CHR1	25586339	CHR1:25586339	SSF x Far_LoA	-9,82552316	-0,047	0,307
CHR1	25588473	CHR1:25588473	SSF x Far_LoA	-8,99843739	0,072	0,302
CHR1	25588533	CHR1:25588533	SSF x Far_LoA	-11,558667	0,053	0,307
CHR1	25589023	CHR1:25589023	SSF x Far_LoA	-11,7931414	-0,037	0,312
CHR1	25589050	CHR1:25589050	SSF x Far_LoA	-12,000972	0,025	0,300
CHR1	25600146	CHR1:25600146	SSF x Far_LoA	-5,69705516	0,124	0,297
CHR1	25600223	CHR1:25600223	SSF x Far_LoA	-7,880994	-0,172	0,280
CHR1	25600412	CHR1:25600412	SSF x Far_LoA	-10,8144282	-0,016	0,294
CHR1	2560107	CHR1:2560107	SSF x Far_LoA	-9,11535098	-0,091	0,295
CHR1	25601668	CHR1:25601668	SSF x Far_LoA	-9,0375006	-0,122	0,295
CHR1	25601791	CHR1:25601791	SSF x Far_LoA	-9,387417	-0,046	0,309
CHR1	25609599	CHR1:25609599	SSF x Far_LoA	-9,88615621	0,054	0,299
CHR1	25609656	CHR1:25609656	SSF x Far_LoA	-11,125771	0,075	0,308
CHR1	25611330	CHR1:25611330	SSF x Far_LoA	-9,91297882	-0,038	0,329
CHR1	25612516	CHR1:25612516	SSF x Far_LoA	-11,3382233	-0,002	0,313
CHR1	25634427	CHR1:25634427	SSF x Far_LoA	-10,1760193	-0,082	0,321
CHR1	25639815	CHR1:25639815	SSF x Far_LoA	-9,57924983	0,058	0,310
CHR1	25639818	CHR1:25639818	SSF x Far_LoA	-11,5996799	-0,075	0,300
CHR1	25639841	CHR1:25639841	SSF x Far_LoA	-9,67008514	-0,062	0,298
CHR1	25639921	CHR1:25639921	SSF x Far_LoA	-10,0698377	-0,030	0,308
CHR1	25639993	CHR1:25639993	SSF x Far_LoA	-10,1969455	-0,075	0,306
CHR1	25640008	CHR1:25640008	SSF x Far_LoA	-6,74325884	-0,140	0,316
CHR1	25640039	CHR1:25640039	SSF x Far_LoA	-11,5605706	0,063	0,301
CHR1	25641401	CHR1:25641401	SSF x Far_LoA	-11,6298924	0,017	0,294
CHR1	25641431	CHR1:25641431	SSF x Far_LoA	-4,52221731	0,212	0,301
CHR1	25643389	CHR1:25643389	SSF x Far_LoA	-11,523101	0,046	0,302
CHR1	25643457	CHR1:25643457	SSF x Far_LoA	-11,5373172	-0,011	0,296
CHR1	25643495	CHR1:25643495	SSF x Far_LoA	-9,59625752	-0,022	0,316
CHR1	25643585	CHR1:25643585	SSF x Far_LoA	-10,6071629	0,061	0,306
CHR1	25643602	CHR1:25643602	SSF x Far_LoA	-10,9137525	-0,019	0,319
CHR1	2565889	CHR1:2565889	SSF x Far_LoA	-9,16386527	-0,005	0,313
CHR1	2565903	CHR1:2565903	SSF x Far_LoA	-8,08846616	-0,106	0,300

CHR1	25662684	CHR1:25662684	SSF x Far_LoA	-9,94208377	0,039	0,317
CHR1	25662749	CHR1:25662749	SSF x Far_LoA	-9,09654752	0,102	0,306
CHR1	25662755	CHR1:25662755	SSF x Far_LoA	-10,8340356	0,012	0,303
CHR1	25662775	CHR1:25662775	SSF x Far_LoA	-8,59125341	0,085	0,302
CHR1	25662780	CHR1:25662780	SSF x Far_LoA	-6,83188987	-0,165	0,299
CHR1	25662824	CHR1:25662824	SSF x Far_LoA	-10,1697026	-0,043	0,310
CHR1	25672550	CHR1:25672550	SSF x Far_LoA	-9,10340558	-0,157	0,306
CHR1	25672551	CHR1:25672551	SSF x Far_LoA	-10,1044598	-0,161	0,297
CHR1	25672687	CHR1:25672687	SSF x Far_LoA	-10,6878319	0,021	0,318
CHR1	25679415	CHR1:25679415	SSF x Far_LoA	-10,959544	0,078	0,305
CHR1	25684126	CHR1:25684126	SSF x Far_LoA	-8,75503933	0,019	0,316
CHR1	25684143	CHR1:25684143	SSF x Far_LoA	-9,8681773	0,062	0,298
CHR1	25684150	CHR1:25684150	SSF x Far_LoA	-10,4110457	0,058	0,311
CHR1	25684178	CHR1:25684178	SSF x Far_LoA	-7,89276648	0,142	0,298
CHR1	25684276	CHR1:25684276	SSF x Far_LoA	-6,19636988	0,033	0,309
CHR1	25684277	CHR1:25684277	SSF x Far_LoA	-9,70365714	-0,068	0,314
CHR1	25697627	CHR1:25697627	SSF x Far_LoA	-10,132361	-0,003	0,314
CHR1	25710056	CHR1:25710056	SSF x Far_LoA	-11,3705627	-0,102	0,301
CHR1	25710161	CHR1:25710161	SSF x Far_LoA	-9,48631294	-0,084	0,292
CHR1	25710169	CHR1:25710169	SSF x Far_LoA	-7,20336412	-0,080	0,303
CHR1	25710176	CHR1:25710176	SSF x Far_LoA	-8,52676705	-0,123	0,282
CHR1	25710200	CHR1:25710200	SSF x Far_LoA	-8,80145384	-0,093	0,298
CHR1	25710307	CHR1:25710307	SSF x Far_LoA	-10,1940019	-0,131	0,314
CHR1	25712793	CHR1:25712793	SSF x Far_LoA	-10,3242605	-0,023	0,311
CHR1	25712794	CHR1:25712794	SSF x Far_LoA	-7,48644881	-0,114	0,310
CHR1	25712807	CHR1:25712807	SSF x Far_LoA	-7,17776543	0,161	0,295
CHR1	25712881	CHR1:25712881	SSF x Far_LoA	-6,70067741	-0,129	0,305
CHR1	25712987	CHR1:25712987	SSF x Far_LoA	-8,04867371	-0,078	0,296
CHR1	25712989	CHR1:25712989	SSF x Far_LoA	-7,77849697	-0,039	0,316
CHR1	25717974	CHR1:25717974	SSF x Far_LoA	-6,89793222	0,035	0,305
CHR1	25718031	CHR1:25718031	SSF x Far_LoA	-10,669568	0,010	0,301
CHR1	25718092	CHR1:25718092	SSF x Far_LoA	-9,02535238	-0,037	0,307
CHR1	25726790	CHR1:25726790	SSF x Far_LoA	-10,7211519	0,001	0,306
CHR1	25726803	CHR1:25726803	SSF x Far_LoA	-10,1337171	0,032	0,310
CHR1	25726840	CHR1:25726840	SSF x Far_LoA	-6,1854276	0,072	0,308
CHR1	25726864	CHR1:25726864	SSF x Far_LoA	-9,34231635	-0,053	0,313
CHR1	25726908	CHR1:25726908	SSF x Far_LoA	-8,10493647	0,156	0,290
CHR1	25726923	CHR1:25726923	SSF x Far_LoA	-7,92333822	0,107	0,307
CHR1	25750901	CHR1:25750901	SSF x Far_LoA	-10,9169581	0,074	0,308
CHR1	25751108	CHR1:25751108	SSF x Far_LoA	-11,5669707	0,091	0,299
CHR1	25756758	CHR1:25756758	SSF x Far_LoA	-9,78616048	-0,061	0,294
CHR1	25759012	CHR1:25759012	SSF x Far_LoA	-11,2457654	-0,047	0,311
CHR1	25759054	CHR1:25759054	SSF x Far_LoA	-9,73150635	0,026	0,299
CHR1	25759087	CHR1:25759087	SSF x Far_LoA	-9,0635291	0,061	0,308
CHR1	25763511	CHR1:25763511	SSF x Far_LoA	-7,72135951	0,060	0,309
CHR1	25763577	CHR1:25763577	SSF x Far_LoA	-9,76167973	0,008	0,306
CHR1	25763630	CHR1:25763630	SSF x Far_LoA	-10,078659	0,083	0,306
CHR1	25763892	CHR1:25763892	SSF x Far_LoA	-7,65095082	0,061	0,310
CHR1	25771781	CHR1:25771781	SSF x Far_LoA	-3,52580801	0,273	0,274
CHR1	25774852	CHR1:25774852	SSF x Far_LoA	-10,4667739	-0,005	0,317
CHR1	25774861	CHR1:25774861	SSF x Far_LoA	-10,8407841	0,047	0,311
CHR1	25774903	CHR1:25774903	SSF x Far_LoA	-8,68808067	0,046	0,313
CHR1	25774915	CHR1:25774915	SSF x Far_LoA	-8,8376792	0,064	0,308

CHR1	25774916	CHR1:25774916	SSF x Far_LoA	-9,00643801	0,044	0,306
CHR1	25774939	CHR1:25774939	SSF x Far_LoA	-7,95062381	-0,019	0,306
CHR1	25774953	CHR1:25774953	SSF x Far_LoA	-0,3262728	0,095	0,318
CHR1	25774955	CHR1:25774955	SSF x Far_LoA	-10,6759344	-0,012	0,301
CHR1	25775087	CHR1:25775087	SSF x Far_LoA	-10,2976854	-0,079	0,328
CHR1	25777931	CHR1:25777931	SSF x Far_LoA	-8,17389588	0,128	0,313
CHR1	25777936	CHR1:25777936	SSF x Far_LoA	-7,5940359	0,123	0,295
CHR1	25777948	CHR1:25777948	SSF x Far_LoA	-10,0990581	0,022	0,296
CHR1	25777967	CHR1:25777967	SSF x Far_LoA	-2,64711	-0,027	0,303
CHR1	25784091	CHR1:25784091	SSF x Far_LoA	-8,33280197	-0,161	0,303
CHR1	25784118	CHR1:25784118	SSF x Far_LoA	-8,49657267	-0,151	0,299
CHR1	25784134	CHR1:25784134	SSF x Far_LoA	-9,91043422	-0,103	0,293
CHR1	25784174	CHR1:25784174	SSF x Far_LoA	-9,19910718	-0,073	0,319
CHR1	25784200	CHR1:25784200	SSF x Far_LoA	-10,5793761	-0,012	0,319
CHR1	25784202	CHR1:25784202	SSF x Far_LoA	-11,0461036	0,032	0,307
CHR1	25784215	CHR1:25784215	SSF x Far_LoA	-8,69346661	0,060	0,317
CHR1	25789305	CHR1:25789305	SSF x Far_LoA	-8,97878018	0,099	0,308
CHR1	25789410	CHR1:25789410	SSF x Far_LoA	-9,15440066	0,067	0,291
CHR1	25789411	CHR1:25789411	SSF x Far_LoA	-6,43454878	0,045	0,307
CHR1	25808496	CHR1:25808496	SSF x Far_LoA	-10,3359354	0,018	0,296
CHR1	25808610	CHR1:25808610	SSF x Far_LoA	-8,96786897	-0,028	0,294
CHR1	25808667	CHR1:25808667	SSF x Far_LoA	-8,81063644	0,026	0,308
CHR1	25810774	CHR1:25810774	SSF x Far_LoA	-9,50092817	0,002	0,312
CHR1	25810880	CHR1:25810880	SSF x Far_LoA	-11,1802558	0,000	0,309
CHR1	25818917	CHR1:25818917	SSF x Far_LoA	-7,11357635	0,034	0,301
CHR1	25819095	CHR1:25819095	SSF x Far_LoA	-10,0431035	0,024	0,306
CHR1	25825913	CHR1:25825913	SSF x Far_LoA	-7,44730568	0,174	0,309
CHR1	25825914	CHR1:25825914	SSF x Far_LoA	-8,2584769	0,001	0,320
CHR1	25825920	CHR1:25825920	SSF x Far_LoA	-5,91168696	0,172	0,297
CHR1	25825925	CHR1:25825925	SSF x Far_LoA	-8,13106567	0,180	0,295
CHR1	25837897	CHR1:25837897	SSF x Far_LoA	-9,55784452	-0,135	0,294
CHR1	25838139	CHR1:25838139	SSF x Far_LoA	-7,13275502	0,102	0,302
CHR1	25838147	CHR1:25838147	SSF x Far_LoA	-8,79871769	0,090	0,299
CHR1	25841834	CHR1:25841834	SSF x Far_LoA	-6,70844391	0,200	0,278
CHR1	25841893	CHR1:25841893	SSF x Far_LoA	-8,06124922	-0,076	0,307
CHR1	25841952	CHR1:25841952	SSF x Far_LoA	-10,1828017	0,006	0,302
CHR1	25844610	CHR1:25844610	SSF x Far_LoA	-7,8287728	0,070	0,320
CHR1	25844723	CHR1:25844723	SSF x Far_LoA	-10,2432035	0,006	0,305
CHR1	25844769	CHR1:25844769	SSF x Far_LoA	-10,6217441	-0,018	0,312
CHR1	25844776	CHR1:25844776	SSF x Far_LoA	-9,64002789	-0,008	0,311
CHR1	25844803	CHR1:25844803	SSF x Far_LoA	-10,7156163	-0,013	0,321
CHR1	25848035	CHR1:25848035	SSF x Far_LoA	-6,98932531	-0,146	0,290
CHR1	25848066	CHR1:25848066	SSF x Far_LoA	-9,16560803	0,087	0,305
CHR1	25848258	CHR1:25848258	SSF x Far_LoA	-4,26727916	0,106	0,307
CHR1	25848259	CHR1:25848259	SSF x Far_LoA	-6,48260513	0,112	0,312
CHR1	25848273	CHR1:25848273	SSF x Far_LoA	-11,9154279	0,079	0,307
CHR1	25854999	CHR1:25854999	SSF x Far_LoA	-5,45349253	-0,103	0,308
CHR1	25863630	CHR1:25863630	SSF x Far_LoA	-7,89999055	0,199	0,295
CHR1	25870003	CHR1:25870003	SSF x Far_LoA	-11,0074973	-0,049	0,302
CHR1	25877374	CHR1:25877374	SSF x Far_LoA	-8,95965618	0,036	0,304
CHR1	25877380	CHR1:25877380	SSF x Far_LoA	-10,3896757	0,021	0,287
CHR1	25877398	CHR1:25877398	SSF x Far_LoA	-7,04304437	0,019	0,317
CHR1	25887407	CHR1:25887407	SSF x Far_LoA	-9,65816082	0,034	0,305

CHR1	25897160	CHR1:25897160	SSF x Far_LoA	-6,87135948	0,139	0,299
CHR1	25919746	CHR1:25919746	SSF x Far_LoA	-11,0437563	0,111	0,298
CHR1	25919829	CHR1:25919829	SSF x Far_LoA	-9,24041166	0,017	0,299
CHR1	25919862	CHR1:25919862	SSF x Far_LoA	-4,99869468	-0,104	0,305
CHR1	25919933	CHR1:25919933	SSF x Far_LoA	-6,95320212	0,029	0,322
CHR1	25922770	CHR1:25922770	SSF x Far_LoA	-9,29877006	0,130	0,293
CHR1	25922781	CHR1:25922781	SSF x Far_LoA	-4,07446117	-0,180	0,297
CHR1	25922913	CHR1:25922913	SSF x Far_LoA	-11,3606278	0,034	0,304
CHR1	2592344	CHR1:2592344	SSF x Far_LoA	-6,46921044	-0,148	0,295
CHR1	2592675	CHR1:2592675	SSF x Far_LoA	-10,274613	-0,086	0,310
CHR1	25930575	CHR1:25930575	SSF x Far_LoA	-8,49360445	-0,041	0,312
CHR1	25930673	CHR1:25930673	SSF x Far_LoA	-8,47123242	-0,095	0,313
CHR1	25938402	CHR1:25938402	SSF x Far_LoA	-3,57104105	0,097	0,309
CHR1	25939422	CHR1:25939422	SSF x Far_LoA	-9,82387117	-0,018	0,313
CHR1	25939431	CHR1:25939431	SSF x Far_LoA	-9,4383927	-0,045	0,308
CHR1	25950059	CHR1:25950059	SSF x Far_LoA	-8,71373428	0,120	0,301
CHR1	25950116	CHR1:25950116	SSF x Far_LoA	-11,9172836	0,007	0,304
CHR1	25950120	CHR1:25950120	SSF x Far_LoA	-9,37446836	0,107	0,299
CHR1	25950318	CHR1:25950318	SSF x Far_LoA	-9,72160458	-0,041	0,319
CHR1	25950324	CHR1:25950324	SSF x Far_LoA	-8,42768652	-0,025	0,322
CHR1	25961034	CHR1:25961034	SSF x Far_LoA	-8,43342837	-0,003	0,313
CHR1	2596441	CHR1:2596441	SSF x Far_LoA	-7,64072265	0,085	0,297
CHR1	2596527	CHR1:2596527	SSF x Far_LoA	-10,5924518	-0,085	0,311
CHR1	25985978	CHR1:25985978	SSF x Far_LoA	-7,84435838	0,126	0,298
CHR1	25986114	CHR1:25986114	SSF x Far_LoA	-7,5843088	0,046	0,318
CHR1	25991465	CHR1:25991465	SSF x Far_LoA	-8,26795622	-0,108	0,312
CHR1	25991483	CHR1:25991483	SSF x Far_LoA	-9,46840407	-0,075	0,305
CHR1	25991484	CHR1:25991484	SSF x Far_LoA	-9,32974732	-0,119	0,295
CHR1	25991506	CHR1:25991506	SSF x Far_LoA	-10,3363982	-0,047	0,303
CHR1	25991662	CHR1:25991662	SSF x Far_LoA	-10,4410884	-0,122	0,300
CHR1	25991663	CHR1:25991663	SSF x Far_LoA	-10,2136829	0,090	0,309
CHR1	25991677	CHR1:25991677	SSF x Far_LoA	-11,4620476	-0,061	0,298
CHR1	25991745	CHR1:25991745	SSF x Far_LoA	-10,6603955	0,038	0,307
CHR1	25996813	CHR1:25996813	SSF x Far_LoA	-6,79270415	-0,128	0,326
CHR1	25996975	CHR1:25996975	SSF x Far_LoA	4,26713314	-0,136	0,322
CHR1	25996977	CHR1:25996977	SSF x Far_LoA	-3,03732336	-0,112	0,297
CHR1	25996995	CHR1:25996995	SSF x Far_LoA	-10,8553578	-0,021	0,312
CHR1	26000422	CHR1:26000422	SSF x Far_LoA	-6,37643056	0,152	0,299
CHR1	26001335	CHR1:26001335	SSF x Far_LoA	-9,4916716	-0,065	0,305
CHR1	26007922	CHR1:26007922	SSF x Far_LoA	-11,29206	0,009	0,294
CHR1	26007963	CHR1:26007963	SSF x Far_LoA	-10,1492343	-0,003	0,314
CHR1	26008005	CHR1:26008005	SSF x Far_LoA	-5,73967199	-0,135	0,290
CHR1	26008135	CHR1:26008135	SSF x Far_LoA	-9,13037476	-0,046	0,317
CHR1	26008143	CHR1:26008143	SSF x Far_LoA	-6,20598299	0,162	0,302
CHR1	26011537	CHR1:26011537	SSF x Far_LoA	-8,05000421	-0,045	0,314
CHR1	26011545	CHR1:26011545	SSF x Far_LoA	-0,1140414	0,005	0,317
CHR1	26020695	CHR1:26020695	SSF x Far_LoA	-9,01440323	0,093	0,315
CHR1	26020721	CHR1:26020721	SSF x Far_LoA	-8,81337347	-0,030	0,317
CHR1	26020802	CHR1:26020802	SSF x Far_LoA	-3,61321513	0,065	0,321
CHR1	26020827	CHR1:26020827	SSF x Far_LoA	-11,0960452	0,116	0,320
CHR1	26027285	CHR1:26027285	SSF x Far_LoA	-6,82154808	-0,133	0,324
CHR1	26027493	CHR1:26027493	SSF x Far_LoA	-10,8459337	-0,027	0,294
CHR1	26027494	CHR1:26027494	SSF x Far_LoA	-10,3954028	-0,027	0,309

CHR1	26031978	CHR1:26031978	SSF x Far_LoA	-7,01804257	0,173	0,308
CHR1	26032080	CHR1:26032080	SSF x Far_LoA	-7,12190044	-0,104	0,314
CHR1	26032120	CHR1:26032120	SSF x Far_LoA	-8,62885701	-0,009	0,311
CHR1	26032144	CHR1:26032144	SSF x Far_LoA	-9,08274517	-0,027	0,310
CHR1	26032169	CHR1:26032169	SSF x Far_LoA	-1,24802793	-0,162	0,298
CHR1	26032219	CHR1:26032219	SSF x Far_LoA	-10,4128923	0,024	0,297
CHR1	26034172	CHR1:26034172	SSF x Far_LoA	-7,36569442	-0,065	0,313
CHR1	26034949	CHR1:26034949	SSF x Far_LoA	-9,9093413	0,039	0,324
CHR1	26042874	CHR1:26042874	SSF x Far_LoA	-10,5864115	-0,010	0,314
CHR1	26042948	CHR1:26042948	SSF x Far_LoA	-10,3259309	0,062	0,306
CHR1	2604762	CHR1:2604762	SSF x Far_LoA	-7,44327943	0,075	0,298
CHR1	2604768	CHR1:2604768	SSF x Far_LoA	-8,09874786	0,050	0,304
CHR1	2604804	CHR1:2604804	SSF x Far_LoA	-9,45663032	0,059	0,302
CHR1	2604813	CHR1:2604813	SSF x Far_LoA	-10,0761819	-0,072	0,317
CHR1	2604897	CHR1:2604897	SSF x Far_LoA	-9,49390498	0,062	0,312
CHR1	2604920	CHR1:2604920	SSF x Far_LoA	-9,55759649	0,093	0,306
CHR1	2604963	CHR1:2604963	SSF x Far_LoA	-7,51555145	-0,123	0,303
CHR1	2604988	CHR1:2604988	SSF x Far_LoA	-2,48503613	0,106	0,296
CHR1	2604996	CHR1:2604996	SSF x Far_LoA	-7,59957747	0,021	0,303
CHR1	26050848	CHR1:26050848	SSF x Far_LoA	-3,50618431	-0,074	0,306
CHR1	26054966	CHR1:26054966	SSF x Far_LoA	-9,32725668	-0,034	0,306
CHR1	26055026	CHR1:26055026	SSF x Far_LoA	-9,52820645	0,109	0,308
CHR1	26065201	CHR1:26065201	SSF x Far_LoA	-5,13000751	-0,136	0,303
CHR1	26084522	CHR1:26084522	SSF x Far_LoA	-10,0498578	-0,092	0,306
CHR1	26113957	CHR1:26113957	SSF x Far_LoA	-8,60925057	0,046	0,304
CHR1	26133264	CHR1:26133264	SSF x Far_LoA	-9,39341814	-0,105	0,297
CHR1	26138454	CHR1:26138454	SSF x Far_LoA	-8,0594741	0,095	0,309
CHR1	26138455	CHR1:26138455	SSF x Far_LoA	-8,7825103	0,103	0,300
CHR1	26138509	CHR1:26138509	SSF x Far_LoA	-8,51185406	-0,022	0,310
CHR1	26138525	CHR1:26138525	SSF x Far_LoA	-6,07818778	0,029	0,315
CHR1	26138549	CHR1:26138549	SSF x Far_LoA	-8,55004177	0,102	0,305
CHR1	26138561	CHR1:26138561	SSF x Far_LoA	-2,56474977	0,079	0,303
CHR1	26138614	CHR1:26138614	SSF x Far_LoA	-9,12240533	-0,039	0,303
CHR1	2615194	CHR1:2615194	SSF x Far_LoA	-8,63250973	0,031	0,300
CHR1	2615373	CHR1:2615373	SSF x Far_LoA	-2,10191601	-0,029	0,325
CHR1	2615374	CHR1:2615374	SSF x Far_LoA	-10,8843727	0,011	0,308
CHR1	2615385	CHR1:2615385	SSF x Far_LoA	-7,9155083	-0,078	0,306
CHR1	2615404	CHR1:2615404	SSF x Far_LoA	-10,9869663	-0,045	0,310
CHR1	2615408	CHR1:2615408	SSF x Far_LoA	-12,3985612	0,057	0,304
CHR1	2615410	CHR1:2615410	SSF x Far_LoA	-8,57458263	-0,104	0,305
CHR1	2615429	CHR1:2615429	SSF x Far_LoA	-11,2993219	0,048	0,306
CHR1	26157545	CHR1:26157545	SSF x Far_LoA	-6,27188752	0,068	0,303
CHR1	26157599	CHR1:26157599	SSF x Far_LoA	-10,4877703	0,034	0,300
CHR1	26157669	CHR1:26157669	SSF x Far_LoA	-6,3520744	0,150	0,304
CHR1	26157686	CHR1:26157686	SSF x Far_LoA	-7,7126806	-0,073	0,302
CHR1	26164950	CHR1:26164950	SSF x Far_LoA	-5,94142452	-0,128	0,317
CHR1	26164987	CHR1:26164987	SSF x Far_LoA	-10,5068347	-0,012	0,306
CHR1	26171564	CHR1:26171564	SSF x Far_LoA	-11,3260873	-0,001	0,308
CHR1	26171582	CHR1:26171582	SSF x Far_LoA	-10,0050178	0,094	0,300
CHR1	26171587	CHR1:26171587	SSF x Far_LoA	-10,6411329	-0,016	0,308
CHR1	26174720	CHR1:26174720	SSF x Far_LoA	-7,00499624	0,016	0,320
CHR1	26174885	CHR1:26174885	SSF x Far_LoA	-10,1982709	-0,009	0,315
CHR1	26185400	CHR1:26185400	SSF x Far_LoA	-10,0429875	-0,059	0,293

CHR1	26185577	CHR1:26185577	SSF x Far_LoA	-6,82096151	-0,143	0,303
CHR1	26191590	CHR1:26191590	SSF x Far_LoA	-8,0740566	0,116	0,296
CHR1	26195181	CHR1:26195181	SSF x Far_LoA	-5,29495889	-0,069	0,313
CHR1	26198827	CHR1:26198827	SSF x Far_LoA	-9,52578868	-0,010	0,305
CHR1	26198879	CHR1:26198879	SSF x Far_LoA	-9,07179782	-0,079	0,296
CHR1	26198899	CHR1:26198899	SSF x Far_LoA	-8,28577786	-0,099	0,308
CHR1	26205346	CHR1:26205346	SSF x Far_LoA	-10,933426	0,134	0,297
CHR1	26221778	CHR1:26221778	SSF x Far_LoA	-9,53251294	0,031	0,291
CHR1	26221832	CHR1:26221832	SSF x Far_LoA	-10,757618	0,050	0,310
CHR1	26233419	CHR1:26233419	SSF x Far_LoA	-6,25736103	-0,107	0,321
CHR1	26241645	CHR1:26241645	SSF x Far_LoA	-11,7477766	0,043	0,297
CHR1	26241791	CHR1:26241791	SSF x Far_LoA	-10,0175399	-0,057	0,294
CHR1	26241802	CHR1:26241802	SSF x Far_LoA	-9,72304899	0,012	0,297
CHR1	26241823	CHR1:26241823	SSF x Far_LoA	-8,62744581	-0,052	0,306
CHR1	26249302	CHR1:26249302	SSF x Far_LoA	-6,30366517	-0,154	0,297
CHR1	26249421	CHR1:26249421	SSF x Far_LoA	-8,02141901	-0,101	0,303
CHR1	26249513	CHR1:26249513	SSF x Far_LoA	1,70480798	-0,004	0,323
CHR1	26253710	CHR1:26253710	SSF x Far_LoA	-9,58145018	-0,006	0,307
CHR1	26253729	CHR1:26253729	SSF x Far_LoA	-8,9190486	0,008	0,317
CHR1	26253925	CHR1:26253925	SSF x Far_LoA	-11,1129104	0,051	0,311
CHR1	2625867	CHR1:2625867	SSF x Far_LoA	-11,138146	0,062	0,313
CHR1	2626293	CHR1:2626293	SSF x Far_LoA	-8,75724406	-0,032	0,316
CHR1	2626294	CHR1:2626294	SSF x Far_LoA	-9,32619645	-0,025	0,321
CHR1	26263552	CHR1:26263552	SSF x Far_LoA	-9,4371259	-0,105	0,304
CHR1	26264930	CHR1:26264930	SSF x Far_LoA	-7,57535147	0,057	0,305
CHR1	26285147	CHR1:26285147	SSF x Far_LoA	-10,4384154	0,008	0,305
CHR1	26285161	CHR1:26285161	SSF x Far_LoA	-10,9929885	-0,070	0,315
CHR1	26285226	CHR1:26285226	SSF x Far_LoA	-8,33306724	0,037	0,299
CHR1	26285255	CHR1:26285255	SSF x Far_LoA	-9,20585268	0,074	0,306
CHR1	26285281	CHR1:26285281	SSF x Far_LoA	-8,68145274	-0,096	0,302
CHR1	26285975	CHR1:26285975	SSF x Far_LoA	-9,46182992	0,050	0,319
CHR1	26286059	CHR1:26286059	SSF x Far_LoA	-7,900467	0,179	0,294
CHR1	26286060	CHR1:26286060	SSF x Far_LoA	-6,17506354	0,135	0,301
CHR1	26286171	CHR1:26286171	SSF x Far_LoA	-7,99514281	0,054	0,307
CHR1	26286303	CHR1:26286303	SSF x Far_LoA	-9,52559213	-0,014	0,318
CHR1	26290186	CHR1:26290186	SSF x Far_LoA	-11,4459389	0,018	0,313
CHR1	26290324	CHR1:26290324	SSF x Far_LoA	-9,60783078	-0,020	0,316
CHR1	26290335	CHR1:26290335	SSF x Far_LoA	-4,6826014	-0,108	0,303
CHR1	26290367	CHR1:26290367	SSF x Far_LoA	-3,9625189	-0,005	0,302
CHR1	26290398	CHR1:26290398	SSF x Far_LoA	-11,1379319	-0,011	0,315
CHR1	26292524	CHR1:26292524	SSF x Far_LoA	-7,96960451	-0,084	0,318
CHR1	26292537	CHR1:26292537	SSF x Far_LoA	-12,2115075	0,036	0,300
CHR1	26292547	CHR1:26292547	SSF x Far_LoA	-10,8299834	0,052	0,315
CHR1	26292549	CHR1:26292549	SSF x Far_LoA	-7,57533909	0,013	0,305
CHR1	26299947	CHR1:26299947	SSF x Far_LoA	-12,6348653	-0,048	0,296
CHR1	26314999	CHR1:26314999	SSF x Far_LoA	-9,20010462	-0,103	0,305
CHR1	26315143	CHR1:26315143	SSF x Far_LoA	-7,8718038	0,106	0,317
CHR1	26315155	CHR1:26315155	SSF x Far_LoA	-7,18642505	-0,056	0,312
CHR1	26315199	CHR1:26315199	SSF x Far_LoA	-9,45032172	0,085	0,302
CHR1	26315233	CHR1:26315233	SSF x Far_LoA	0,91770427	0,001	0,309
CHR1	26323255	CHR1:26323255	SSF x Far_LoA	-10,1403228	0,081	0,299
CHR1	26323291	CHR1:26323291	SSF x Far_LoA	-9,1546362	0,098	0,298
CHR1	26323293	CHR1:26323293	SSF x Far_LoA	-10,5205996	0,096	0,287

CHR1	26334978	CHR1:26334978	SSF x Far_LoA	-9,79386244	0,002	0,307
CHR1	26334983	CHR1:26334983	SSF x Far_LoA	-9,49511449	0,000	0,298
CHR1	26335100	CHR1:26335100	SSF x Far_LoA	-8,42320033	0,033	0,306
CHR1	26335280	CHR1:26335280	SSF x Far_LoA	-8,58993859	-0,108	0,305
CHR1	26344893	CHR1:26344893	SSF x Far_LoA	-8,66343908	0,118	0,294
CHR1	26344920	CHR1:26344920	SSF x Far_LoA	-10,8913475	0,050	0,300
CHR1	26344952	CHR1:26344952	SSF x Far_LoA	-8,5910191	-0,032	0,304
CHR1	26344955	CHR1:26344955	SSF x Far_LoA	-7,3661427	-0,032	0,312
CHR1	26344959	CHR1:26344959	SSF x Far_LoA	-2,73014882	-0,039	0,305
CHR1	26344961	CHR1:26344961	SSF x Far_LoA	-7,63183267	-0,043	0,304
CHR1	26344962	CHR1:26344962	SSF x Far_LoA	-11,4442149	-0,061	0,302
CHR1	26344968	CHR1:26344968	SSF x Far_LoA	-9,29832375	-0,034	0,301
CHR1	26344972	CHR1:26344972	SSF x Far_LoA	-8,32602482	-0,056	0,303
CHR1	26344979	CHR1:26344979	SSF x Far_LoA	-8,27795813	-0,016	0,310
CHR1	26344987	CHR1:26344987	SSF x Far_LoA	-9,56506315	-0,035	0,310
CHR1	26344995	CHR1:26344995	SSF x Far_LoA	-10,1778729	-0,102	0,297
CHR1	26345074	CHR1:26345074	SSF x Far_LoA	-9,05621833	-0,063	0,309
CHR1	26345111	CHR1:26345111	SSF x Far_LoA	-10,7386538	0,027	0,317
CHR1	2635602	CHR1:2635602	SSF x Far_LoA	-7,92391511	-0,060	0,318
CHR1	2635609	CHR1:2635609	SSF x Far_LoA	-6,80392521	-0,106	0,299
CHR1	2635646	CHR1:2635646	SSF x Far_LoA	-11,9105646	-0,013	0,300
CHR1	2635653	CHR1:2635653	SSF x Far_LoA	-10,7713251	0,102	0,313
CHR1	2635658	CHR1:2635658	SSF x Far_LoA	-8,16847403	0,037	0,326
CHR1	26360305	CHR1:26360305	SSF x Far_LoA	-11,7424124	-0,035	0,304
CHR1	26360324	CHR1:26360324	SSF x Far_LoA	-11,5210706	-0,025	0,309
CHR1	26387001	CHR1:26387001	SSF x Far_LoA	-8,47945785	0,166	0,302
CHR1	26387012	CHR1:26387012	SSF x Far_LoA	-3,62564915	0,049	0,303
CHR1	26387098	CHR1:26387098	SSF x Far_LoA	-8,40379622	0,113	0,305
CHR1	26389179	CHR1:26389179	SSF x Far_LoA	-11,7125159	-0,036	0,307
CHR1	26389238	CHR1:26389238	SSF x Far_LoA	-10,1526865	-0,129	0,305
CHR1	26389250	CHR1:26389250	SSF x Far_LoA	-6,78714224	0,078	0,331
CHR1	26389297	CHR1:26389297	SSF x Far_LoA	-10,9911982	0,087	0,302
CHR1	26410882	CHR1:26410882	SSF x Far_LoA	-10,9507966	0,010	0,308
CHR1	2642642	CHR1:2642642	SSF x Far_LoA	-7,87210149	-0,052	0,300
CHR1	2642679	CHR1:2642679	SSF x Far_LoA	-2,48004254	-0,148	0,295
CHR1	2643114	CHR1:2643114	SSF x Far_LoA	-8,18030338	-0,063	0,312
CHR1	2643130	CHR1:2643130	SSF x Far_LoA	-10,7735423	0,105	0,296
CHR1	2643132	CHR1:2643132	SSF x Far_LoA	-10,4166839	0,099	0,311
CHR1	2643140	CHR1:2643140	SSF x Far_LoA	-10,2922935	-0,031	0,309
CHR1	2643742	CHR1:2643742	SSF x Far_LoA	-9,41924884	-0,152	0,319
CHR1	2643781	CHR1:2643781	SSF x Far_LoA	-8,03545897	0,064	0,313
CHR1	26437839	CHR1:26437839	SSF x Far_LoA	-10,6719006	-0,049	0,303
CHR1	2643821	CHR1:2643821	SSF x Far_LoA	-8,36768752	-0,069	0,322
CHR1	2643848	CHR1:2643848	SSF x Far_LoA	-11,4915019	-0,066	0,302
CHR1	2643851	CHR1:2643851	SSF x Far_LoA	-8,68679543	0,048	0,305
CHR1	2643872	CHR1:2643872	SSF x Far_LoA	-9,76762795	0,017	0,298
CHR1	26449788	CHR1:26449788	SSF x Far_LoA	-8,97007841	0,013	0,307
CHR1	26449798	CHR1:26449798	SSF x Far_LoA	-10,457689	0,018	0,310
CHR1	26449811	CHR1:26449811	SSF x Far_LoA	-8,80507697	0,033	0,316
CHR1	26450960	CHR1:26450960	SSF x Far_LoA	-9,07584095	-0,041	0,291
CHR1	26450986	CHR1:26450986	SSF x Far_LoA	-10,4199376	0,011	0,302
CHR1	26450991	CHR1:26450991	SSF x Far_LoA	-10,451603	-0,140	0,288
CHR1	26451702	CHR1:26451702	SSF x Far_LoA	-9,57443901	0,051	0,307

CHR1	26461341	CHR1:26461341	SSF x Far_LoA	-11,4969638	0,125	0,296
CHR1	26467050	CHR1:26467050	SSF x Far_LoA	-11,5971994	0,031	0,311
CHR1	26467194	CHR1:26467194	SSF x Far_LoA	-12,1167838	-0,001	0,312
CHR1	26476297	CHR1:26476297	SSF x Far_LoA	-11,4307585	-0,008	0,310
CHR1	26480990	CHR1:26480990	SSF x Far_LoA	-4,51855155	0,001	0,317
CHR1	26490842	CHR1:26490842	SSF x Far_LoA	-7,58196745	0,104	0,303
CHR1	26501277	CHR1:26501277	SSF x Far_LoA	-10,4726847	-0,076	0,287
CHR1	26501744	CHR1:26501744	SSF x Far_LoA	-11,5850126	-0,043	0,301
CHR1	26506099	CHR1:26506099	SSF x Far_LoA	-9,79410169	-0,035	0,296
CHR1	26511542	CHR1:26511542	SSF x Far_LoA	-9,33335546	0,172	0,285
CHR1	26514345	CHR1:26514345	SSF x Far_LoA	-10,2151778	-0,006	0,321
CHR1	26514353	CHR1:26514353	SSF x Far_LoA	-9,49696733	-0,135	0,316
CHR1	26514361	CHR1:26514361	SSF x Far_LoA	-8,78690274	0,095	0,290
CHR1	26514379	CHR1:26514379	SSF x Far_LoA	-10,7332201	0,037	0,300
CHR1	26518298	CHR1:26518298	SSF x Far_LoA	-8,32000637	0,019	0,319
CHR1	26528774	CHR1:26528774	SSF x Far_LoA	-4,50340282	0,148	0,301
CHR1	26528822	CHR1:26528822	SSF x Far_LoA	-7,5160587	-0,063	0,294
CHR1	26530937	CHR1:26530937	SSF x Far_LoA	-7,72288106	-0,060	0,303
CHR1	26530988	CHR1:26530988	SSF x Far_LoA	-10,5074816	-0,081	0,312
CHR1	26531012	CHR1:26531012	SSF x Far_LoA	-1,62936245	0,189	0,290
CHR1	26536298	CHR1:26536298	SSF x Far_LoA	-8,36944452	0,019	0,291
CHR1	26536325	CHR1:26536325	SSF x Far_LoA	-7,52480715	-0,019	0,318
CHR1	26536327	CHR1:26536327	SSF x Far_LoA	-10,5650613	0,075	0,301
CHR1	26536444	CHR1:26536444	SSF x Far_LoA	-9,1793022	-0,075	0,310
CHR1	26536481	CHR1:26536481	SSF x Far_LoA	-8,20675288	0,014	0,294
CHR1	26540359	CHR1:26540359	SSF x Far_LoA	-7,55169616	-0,091	0,306
CHR1	26540392	CHR1:26540392	SSF x Far_LoA	-9,4243361	0,031	0,307
CHR1	26540429	CHR1:26540429	SSF x Far_LoA	-11,709078	-0,031	0,310
CHR1	26564987	CHR1:26564987	SSF x Far_LoA	-11,465894	0,029	0,301
CHR1	26565086	CHR1:26565086	SSF x Far_LoA	-10,1131971	0,026	0,306
CHR1	26565092	CHR1:26565092	SSF x Far_LoA	-9,61177831	-0,106	0,289
CHR1	26565280	CHR1:26565280	SSF x Far_LoA	-9,91950765	-0,066	0,310
CHR1	26565312	CHR1:26565312	SSF x Far_LoA	-8,72715753	0,098	0,310
CHR1	26565318	CHR1:26565318	SSF x Far_LoA	-10,3210395	0,093	0,299
CHR1	26565326	CHR1:26565326	SSF x Far_LoA	-7,44036322	0,077	0,313
CHR1	26570603	CHR1:26570603	SSF x Far_LoA	-12,5166103	0,072	0,295
CHR1	26570621	CHR1:26570621	SSF x Far_LoA	-7,69462658	0,123	0,304
CHR1	26572236	CHR1:26572236	SSF x Far_LoA	-9,51025883	-0,135	0,295
CHR1	26572252	CHR1:26572252	SSF x Far_LoA	-7,29130218	0,152	0,284
CHR1	26572273	CHR1:26572273	SSF x Far_LoA	-2,70942354	-0,181	0,293
CHR1	26578555	CHR1:26578555	SSF x Far_LoA	-10,560594	0,018	0,323
CHR1	26581586	CHR1:26581586	SSF x Far_LoA	-8,6149574	-0,020	0,313
CHR1	26581658	CHR1:26581658	SSF x Far_LoA	-9,24549641	0,110	0,300
CHR1	26582834	CHR1:26582834	SSF x Far_LoA	-8,62257059	0,023	0,323
CHR1	26583038	CHR1:26583038	SSF x Far_LoA	-11,6175822	-0,079	0,318
CHR1	26585874	CHR1:26585874	SSF x Far_LoA	-9,32427946	-0,011	0,312
CHR1	26586109	CHR1:26586109	SSF x Far_LoA	-7,75962128	0,102	0,312
CHR1	26590213	CHR1:26590213	SSF x Far_LoA	-11,4003479	0,010	0,309
CHR1	26592315	CHR1:26592315	SSF x Far_LoA	-4,36140795	0,095	0,304
CHR1	26592366	CHR1:26592366	SSF x Far_LoA	-9,14180539	0,019	0,309
CHR1	26592371	CHR1:26592371	SSF x Far_LoA	-1,79189563	0,221	0,289
CHR1	26600943	CHR1:26600943	SSF x Far_LoA	-10,0283014	0,080	0,285
CHR1	26600970	CHR1:26600970	SSF x Far_LoA	-8,96368216	0,077	0,294

CHR1	26600990	CHR1:26600990	SSF x Far_LoA	-8,06048836	-0,167	0,301
CHR1	26601047	CHR1:26601047	SSF x Far_LoA	-9,75345749	-0,059	0,308
CHR1	26601070	CHR1:26601070	SSF x Far_LoA	-8,31710455	0,095	0,304
CHR1	26601125	CHR1:26601125	SSF x Far_LoA	-11,9463211	-0,037	0,305
CHR1	26605824	CHR1:26605824	SSF x Far_LoA	-6,56270689	0,118	0,298
CHR1	26605858	CHR1:26605858	SSF x Far_LoA	-9,55732805	-0,075	0,318
CHR1	26605864	CHR1:26605864	SSF x Far_LoA	-8,10846219	0,067	0,304
CHR1	26605919	CHR1:26605919	SSF x Far_LoA	-8,86881535	0,069	0,315
CHR1	26613614	CHR1:26613614	SSF x Far_LoA	-9,10969046	-0,014	0,297
CHR1	26613730	CHR1:26613730	SSF x Far_LoA	-10,3828182	-0,082	0,290
CHR1	26613740	CHR1:26613740	SSF x Far_LoA	-10,2176932	-0,072	0,308
CHR1	26613758	CHR1:26613758	SSF x Far_LoA	-6,36954454	0,151	0,315
CHR1	26613825	CHR1:26613825	SSF x Far_LoA	-4,6809697	-0,160	0,297
CHR1	26618226	CHR1:26618226	SSF x Far_LoA	-10,1646328	0,117	0,306
CHR1	26618295	CHR1:26618295	SSF x Far_LoA	-9,77683267	0,118	0,298
CHR1	26618965	CHR1:26618965	SSF x Far_LoA	-6,82236083	-0,017	0,313
CHR1	26619629	CHR1:26619629	SSF x Far_LoA	-11,0035881	-0,088	0,289
CHR1	26619679	CHR1:26619679	SSF x Far_LoA	-8,37665037	0,072	0,302
CHR1	26619745	CHR1:26619745	SSF x Far_LoA	-12,4174098	-0,042	0,290
CHR1	26628213	CHR1:26628213	SSF x Far_LoA	-10,1583996	0,063	0,309
CHR1	26628229	CHR1:26628229	SSF x Far_LoA	-10,1848119	0,057	0,302
CHR1	26628259	CHR1:26628259	SSF x Far_LoA	-7,84636557	-0,129	0,308
CHR1	26628293	CHR1:26628293	SSF x Far_LoA	-8,5119929	-0,014	0,306
CHR1	26628383	CHR1:26628383	SSF x Far_LoA	-10,4659218	0,028	0,314
CHR1	26628398	CHR1:26628398	SSF x Far_LoA	-9,19163722	0,014	0,309
CHR1	26631629	CHR1:26631629	SSF x Far_LoA	-6,37446449	0,064	0,311
CHR1	2664049	CHR1:2664049	SSF x Far_LoA	-7,87135993	0,001	0,307
CHR1	2664084	CHR1:2664084	SSF x Far_LoA	-10,0798293	0,059	0,310
CHR1	26640993	CHR1:26640993	SSF x Far_LoA	-9,65819647	-0,094	0,304
CHR1	26641036	CHR1:26641036	SSF x Far_LoA	-10,2550988	-0,072	0,288
CHR1	26641046	CHR1:26641046	SSF x Far_LoA	-8,60183254	0,061	0,311
CHR1	26641047	CHR1:26641047	SSF x Far_LoA	-6,10881537	0,108	0,302
CHR1	26641085	CHR1:26641085	SSF x Far_LoA	-9,14567966	-0,026	0,320
CHR1	26641165	CHR1:26641165	SSF x Far_LoA	-9,62677997	0,122	0,297
CHR1	26641171	CHR1:26641171	SSF x Far_LoA	-6,53031696	-0,018	0,319
CHR1	2664120	CHR1:2664120	SSF x Far_LoA	-8,3887275	0,040	0,325
CHR1	2664171	CHR1:2664171	SSF x Far_LoA	-9,35060561	-0,074	0,305
CHR1	2664195	CHR1:2664195	SSF x Far_LoA	-8,85234818	0,015	0,320
CHR1	2664218	CHR1:2664218	SSF x Far_LoA	-8,72599063	0,045	0,324
CHR1	26644714	CHR1:26644714	SSF x Far_LoA	-9,12768232	-0,003	0,311
CHR1	26644719	CHR1:26644719	SSF x Far_LoA	-7,78640903	0,109	0,305
CHR1	26644735	CHR1:26644735	SSF x Far_LoA	-9,85408771	0,000	0,303
CHR1	26644760	CHR1:26644760	SSF x Far_LoA	-9,81994835	-0,057	0,310
CHR1	26644762	CHR1:26644762	SSF x Far_LoA	-11,4509108	0,012	0,294
CHR1	26645001	CHR1:26645001	SSF x Far_LoA	-8,16752088	0,076	0,301
CHR1	26646370	CHR1:26646370	SSF x Far_LoA	-8,46219158	0,045	0,301
CHR1	26653110	CHR1:26653110	SSF x Far_LoA	-8,71662588	0,120	0,294
CHR1	26653217	CHR1:26653217	SSF x Far_LoA	-9,17558383	-0,113	0,283
CHR1	26664862	CHR1:26664862	SSF x Far_LoA	-8,46062632	-0,010	0,316
CHR1	26664950	CHR1:26664950	SSF x Far_LoA	-10,4991901	-0,039	0,307
CHR1	26669370	CHR1:26669370	SSF x Far_LoA	-11,6739785	0,041	0,301
CHR1	26669416	CHR1:26669416	SSF x Far_LoA	-9,35593429	-0,035	0,304
CHR1	26669480	CHR1:26669480	SSF x Far_LoA	-8,85704344	0,038	0,310

CHR1	26672868	CHR1:26672868	SSF x Far_LoA	-10,1616368	0,153	0,300
CHR1	26677436	CHR1:26677436	SSF x Far_LoA	-10,58897	-0,105	0,282
CHR1	26677578	CHR1:26677578	SSF x Far_LoA	-5,07736662	-0,239	0,287
CHR1	26677609	CHR1:26677609	SSF x Far_LoA	-10,6736683	0,056	0,307
CHR1	26677632	CHR1:26677632	SSF x Far_LoA	-7,87382017	0,073	0,326
CHR1	26677634	CHR1:26677634	SSF x Far_LoA	-9,38127001	0,025	0,309
CHR1	26677640	CHR1:26677640	SSF x Far_LoA	-9,36220973	0,004	0,307
CHR1	26682967	CHR1:26682967	SSF x Far_LoA	-8,09486452	0,102	0,303
CHR1	26683076	CHR1:26683076	SSF x Far_LoA	-11,1330192	0,084	0,301
CHR1	26683254	CHR1:26683254	SSF x Far_LoA	-9,0033466	-0,006	0,303
CHR1	26689460	CHR1:26689460	SSF x Far_LoA	-8,00205542	-0,061	0,300
CHR1	26689526	CHR1:26689526	SSF x Far_LoA	-7,92904768	-0,027	0,302
CHR1	26690099	CHR1:26690099	SSF x Far_LoA	-8,06177479	-0,067	0,311
CHR1	26691254	CHR1:26691254	SSF x Far_LoA	-9,6716255	-0,079	0,319
CHR1	26700585	CHR1:26700585	SSF x Far_LoA	-10,4743194	-0,025	0,317
CHR1	26704323	CHR1:26704323	SSF x Far_LoA	-8,61955172	-0,096	0,301
CHR1	26708752	CHR1:26708752	SSF x Far_LoA	-8,73083318	-0,072	0,322
CHR1	2671516	CHR1:2671516	SSF x Far_LoA	-10,146357	0,013	0,307
CHR1	2671521	CHR1:2671521	SSF x Far_LoA	-2,74982158	-0,073	0,306
CHR1	2671547	CHR1:2671547	SSF x Far_LoA	-8,88984209	-0,087	0,297
CHR1	2671588	CHR1:2671588	SSF x Far_LoA	-11,3418566	-0,031	0,303
CHR1	2671602	CHR1:2671602	SSF x Far_LoA	-7,22360918	0,011	0,314
CHR1	2671720	CHR1:2671720	SSF x Far_LoA	-8,38332479	-0,056	0,315
CHR1	2671723	CHR1:2671723	SSF x Far_LoA	-9,4519196	-0,033	0,303
CHR1	26734185	CHR1:26734185	SSF x Far_LoA	-10,717588	-0,032	0,308
CHR1	26734203	CHR1:26734203	SSF x Far_LoA	-10,212249	0,018	0,317
CHR1	26734206	CHR1:26734206	SSF x Far_LoA	-4,5442793	-0,091	0,309
CHR1	26734213	CHR1:26734213	SSF x Far_LoA	-8,79445381	-0,074	0,305
CHR1	26734229	CHR1:26734229	SSF x Far_LoA	-11,7051469	0,025	0,312
CHR1	26734323	CHR1:26734323	SSF x Far_LoA	-7,89819455	0,077	0,312
CHR1	26734359	CHR1:26734359	SSF x Far_LoA	-8,05872046	0,040	0,296
CHR1	26739954	CHR1:26739954	SSF x Far_LoA	-7,78729862	-0,052	0,288
CHR1	26739958	CHR1:26739958	SSF x Far_LoA	-11,0320057	0,002	0,307
CHR1	26739961	CHR1:26739961	SSF x Far_LoA	-10,9607879	0,005	0,296
CHR1	26739993	CHR1:26739993	SSF x Far_LoA	-8,09341184	0,145	0,301
CHR1	26744959	CHR1:26744959	SSF x Far_LoA	-3,88435804	0,053	0,306
CHR1	26754828	CHR1:26754828	SSF x Far_LoA	-10,4888972	-0,056	0,325
CHR1	26754922	CHR1:26754922	SSF x Far_LoA	-9,72512037	0,018	0,307
CHR1	26754991	CHR1:26754991	SSF x Far_LoA	-8,84238611	0,157	0,292
CHR1	26760026	CHR1:26760026	SSF x Far_LoA	-9,51396844	-0,002	0,298
CHR1	26761851	CHR1:26761851	SSF x Far_LoA	-9,35425907	0,074	0,308
CHR1	26762054	CHR1:26762054	SSF x Far_LoA	-11,4871039	0,061	0,291
CHR1	26762088	CHR1:26762088	SSF x Far_LoA	-11,2552601	-0,107	0,302
CHR1	26764833	CHR1:26764833	SSF x Far_LoA	-10,367407	0,011	0,308
CHR1	2676792	CHR1:2676792	SSF x Far_LoA	-9,753747	0,053	0,304
CHR1	26777835	CHR1:26777835	SSF x Far_LoA	-9,7821102	-0,080	0,314
CHR1	26801488	CHR1:26801488	SSF x Far_LoA	-10,0189728	-0,107	0,298
CHR1	26802824	CHR1:26802824	SSF x Far_LoA	-9,80393534	0,090	0,295
CHR1	26802832	CHR1:26802832	SSF x Far_LoA	-9,52170059	0,106	0,299
CHR1	26802837	CHR1:26802837	SSF x Far_LoA	-7,0646358	-0,190	0,299
CHR1	26802861	CHR1:26802861	SSF x Far_LoA	-8,61247311	0,002	0,318
CHR1	26805824	CHR1:26805824	SSF x Far_LoA	-9,11522647	-0,025	0,307
CHR1	26805875	CHR1:26805875	SSF x Far_LoA	-6,32708311	0,153	0,295

CHR1	26805878	CHR1:26805878	SSF x Far_LoA	-7,72166902	0,069	0,305
CHR1	26810176	CHR1:26810176	SSF x Far_LoA	-9,12809101	0,096	0,301
CHR1	26810186	CHR1:26810186	SSF x Far_LoA	-7,14757325	-0,055	0,296
CHR1	26810188	CHR1:26810188	SSF x Far_LoA	-7,9674489	-0,082	0,315
CHR1	26810199	CHR1:26810199	SSF x Far_LoA	-9,60671587	-0,068	0,297
CHR1	26810213	CHR1:26810213	SSF x Far_LoA	-11,3126281	-0,004	0,312
CHR1	26810354	CHR1:26810354	SSF x Far_LoA	-8,58722524	-0,078	0,313
CHR1	26810400	CHR1:26810400	SSF x Far_LoA	-5,24803205	0,030	0,305
CHR1	26810477	CHR1:26810477	SSF x Far_LoA	-10,193968	0,018	0,309
CHR1	26810499	CHR1:26810499	SSF x Far_LoA	5,45851239	0,155	0,305
CHR1	26811303	CHR1:26811303	SSF x Far_LoA	-8,33280038	-0,096	0,305
CHR1	26811304	CHR1:26811304	SSF x Far_LoA	-9,65190324	0,150	0,302
CHR1	26811382	CHR1:26811382	SSF x Far_LoA	-10,6860251	0,071	0,299
CHR1	26811407	CHR1:26811407	SSF x Far_LoA	-11,7530625	0,013	0,313
CHR1	26811425	CHR1:26811425	SSF x Far_LoA	-10,67417	0,117	0,300
CHR1	26811440	CHR1:26811440	SSF x Far_LoA	-10,8094183	-0,023	0,310
CHR1	26811443	CHR1:26811443	SSF x Far_LoA	-10,9026019	-0,098	0,307
CHR1	26811501	CHR1:26811501	SSF x Far_LoA	8,04066456	0,090	0,296
CHR1	26811525	CHR1:26811525	SSF x Far_LoA	-8,16807444	0,065	0,310
CHR1	26811545	CHR1:26811545	SSF x Far_LoA	-7,93469538	0,107	0,297
CHR1	268125	CHR1:268125	SSF x Far_LoA	-10,9493212	0,002	0,308
CHR1	268130	CHR1:268130	SSF x Far_LoA	-10,6625905	0,022	0,304
CHR1	26815661	CHR1:26815661	SSF x Far_LoA	-8,40310085	-0,085	0,305
CHR1	26815704	CHR1:26815704	SSF x Far_LoA	-10,3878705	-0,083	0,309
CHR1	26816990	CHR1:26816990	SSF x Far_LoA	-8,08383962	0,188	0,291
CHR1	26817010	CHR1:26817010	SSF x Far_LoA	-8,80678168	-0,137	0,298
CHR1	26817099	CHR1:26817099	SSF x Far_LoA	-9,69455702	0,112	0,302
CHR1	26829014	CHR1:26829014	SSF x Far_LoA	-9,77359161	0,122	0,311
CHR1	26829042	CHR1:26829042	SSF x Far_LoA	-10,3120799	-0,070	0,311
CHR1	26829060	CHR1:26829060	SSF x Far_LoA	-9,6923374	0,117	0,302
CHR1	26829191	CHR1:26829191	SSF x Far_LoA	-9,54898539	0,011	0,302
CHR1	268296	CHR1:268296	SSF x Far_LoA	-8,40376138	-0,020	0,303
CHR1	268297	CHR1:268297	SSF x Far_LoA	-6,10267919	-0,044	0,315
CHR1	26834005	CHR1:26834005	SSF x Far_LoA	-7,97511166	-0,130	0,296
CHR1	26834038	CHR1:26834038	SSF x Far_LoA	-6,09295177	0,156	0,303
CHR1	26834104	CHR1:26834104	SSF x Far_LoA	-10,2142	0,138	0,293
CHR1	26834108	CHR1:26834108	SSF x Far_LoA	-8,3841482	0,002	0,310
CHR1	26834171	CHR1:26834171	SSF x Far_LoA	-5,57180078	0,012	0,286
CHR1	26834172	CHR1:26834172	SSF x Far_LoA	-11,5479955	0,013	0,303
CHR1	26839699	CHR1:26839699	SSF x Far_LoA	-9,81399525	-0,022	0,305
CHR1	26839708	CHR1:26839708	SSF x Far_LoA	-8,44253119	-0,031	0,310
CHR1	26839716	CHR1:26839716	SSF x Far_LoA	-10,117359	0,097	0,293
CHR1	26839752	CHR1:26839752	SSF x Far_LoA	-6,53670665	-0,131	0,317
CHR1	26839824	CHR1:26839824	SSF x Far_LoA	-9,27576236	0,033	0,302
CHR1	26845931	CHR1:26845931	SSF x Far_LoA	-10,2823142	-0,095	0,309
CHR1	26846028	CHR1:26846028	SSF x Far_LoA	-8,84445811	0,039	0,293
CHR1	26852903	CHR1:26852903	SSF x Far_LoA	-9,58260306	-0,005	0,308
CHR1	26853035	CHR1:26853035	SSF x Far_LoA	-7,96448988	-0,036	0,324
CHR1	26853774	CHR1:26853774	SSF x Far_LoA	-9,78283792	0,060	0,314
CHR1	26881845	CHR1:26881845	SSF x Far_LoA	-8,26103014	-0,045	0,309
CHR1	2688936	CHR1:2688936	SSF x Far_LoA	-5,83008516	-0,184	0,301
CHR1	26894912	CHR1:26894912	SSF x Far_LoA	-7,57252591	-0,060	0,309
CHR1	26901277	CHR1:26901277	SSF x Far_LoA	-11,3118975	-0,051	0,293

CHR1	26903126	CHR1:26903126	SSF x Far_LoA	-9,21230753	0,104	0,298
CHR1	26904976	CHR1:26904976	SSF x Far_LoA	-9,68866192	0,099	0,318
CHR1	26908539	CHR1:26908539	SSF x Far_LoA	-11,4159218	-0,008	0,311
CHR1	26908545	CHR1:26908545	SSF x Far_LoA	-10,0201508	0,111	0,285
CHR1	26908661	CHR1:26908661	SSF x Far_LoA	-10,0991551	0,046	0,310
CHR1	26908709	CHR1:26908709	SSF x Far_LoA	-9,61919835	-0,077	0,314
CHR1	26908727	CHR1:26908727	SSF x Far_LoA	-10,0213879	-0,043	0,305
CHR1	26913184	CHR1:26913184	SSF x Far_LoA	-10,5065702	-0,087	0,301
CHR1	26914605	CHR1:26914605	SSF x Far_LoA	1,29000695	-0,088	0,309
CHR1	26914634	CHR1:26914634	SSF x Far_LoA	-8,87642081	0,038	0,302
CHR1	26914728	CHR1:26914728	SSF x Far_LoA	-7,74510772	-0,082	0,316
CHR1	26914730	CHR1:26914730	SSF x Far_LoA	-6,41420592	-0,056	0,315
CHR1	26914762	CHR1:26914762	SSF x Far_LoA	-8,15057522	-0,056	0,317
CHR1	26916496	CHR1:26916496	SSF x Far_LoA	-8,52678195	0,082	0,294
CHR1	26917410	CHR1:26917410	SSF x Far_LoA	-6,93590405	0,003	0,280
CHR1	26917419	CHR1:26917419	SSF x Far_LoA	-9,63327451	0,050	0,303
CHR1	26917486	CHR1:26917486	SSF x Far_LoA	-10,1342009	0,049	0,303
CHR1	26937763	CHR1:26937763	SSF x Far_LoA	-6,88025643	0,173	0,289
CHR1	26937768	CHR1:26937768	SSF x Far_LoA	-7,42101407	-0,067	0,310
CHR1	26937831	CHR1:26937831	SSF x Far_LoA	-2,40348707	0,208	0,300
CHR1	26937876	CHR1:26937876	SSF x Far_LoA	-10,8724841	0,030	0,313
CHR1	26945668	CHR1:26945668	SSF x Far_LoA	-8,92343331	0,053	0,311
CHR1	26945753	CHR1:26945753	SSF x Far_LoA	-9,06603482	-0,023	0,300
CHR1	26945756	CHR1:26945756	SSF x Far_LoA	-9,09285078	-0,044	0,300
CHR1	26945761	CHR1:26945761	SSF x Far_LoA	-7,48910385	-0,008	0,309
CHR1	26949731	CHR1:26949731	SSF x Far_LoA	-11,6626307	-0,017	0,300
CHR1	26949780	CHR1:26949780	SSF x Far_LoA	-7,31235094	0,084	0,310
CHR1	26949813	CHR1:26949813	SSF x Far_LoA	-10,5602876	-0,010	0,309
CHR1	26949838	CHR1:26949838	SSF x Far_LoA	-10,3147243	-0,090	0,298
CHR1	26949841	CHR1:26949841	SSF x Far_LoA	-6,02443268	-0,098	0,308
CHR1	26952182	CHR1:26952182	SSF x Far_LoA	-9,912496	-0,114	0,309
CHR1	26954658	CHR1:26954658	SSF x Far_LoA	-8,1127663	-0,037	0,313
CHR1	26954740	CHR1:26954740	SSF x Far_LoA	-9,6311172	-0,028	0,303
CHR1	26960026	CHR1:26960026	SSF x Far_LoA	-7,69066225	0,022	0,303
CHR1	26960048	CHR1:26960048	SSF x Far_LoA	-9,11646004	-0,027	0,304
CHR1	26960049	CHR1:26960049	SSF x Far_LoA	-2,18228784	0,157	0,291
CHR1	26960833	CHR1:26960833	SSF x Far_LoA	-8,48765312	0,080	0,309
CHR1	26960845	CHR1:26960845	SSF x Far_LoA	-10,6702675	-0,059	0,306
CHR1	26960848	CHR1:26960848	SSF x Far_LoA	-9,37510003	-0,153	0,288
CHR1	26960856	CHR1:26960856	SSF x Far_LoA	-9,21257988	0,123	0,299
CHR1	26960864	CHR1:26960864	SSF x Far_LoA	-9,47859362	-0,066	0,300
CHR1	26960867	CHR1:26960867	SSF x Far_LoA	-6,42439152	0,182	0,288
CHR1	26962162	CHR1:26962162	SSF x Far_LoA	-10,1473968	0,004	0,307
CHR1	26962180	CHR1:26962180	SSF x Far_LoA	-9,12695322	0,043	0,299
CHR1	26962258	CHR1:26962258	SSF x Far_LoA	-10,4223569	-0,039	0,307
CHR1	26962277	CHR1:26962277	SSF x Far_LoA	-0,06777639	0,142	0,295
CHR1	26962492	CHR1:26962492	SSF x Far_LoA	-8,7975294	-0,056	0,316
CHR1	26962528	CHR1:26962528	SSF x Far_LoA	-11,9297964	-0,031	0,299
CHR1	269645	CHR1:269645	SSF x Far_LoA	-10,1560689	-0,049	0,316
CHR1	26968834	CHR1:26968834	SSF x Far_LoA	-9,11324124	0,087	0,311
CHR1	26968863	CHR1:26968863	SSF x Far_LoA	-10,5702397	-0,103	0,322
CHR1	26971209	CHR1:26971209	SSF x Far_LoA	-11,1371198	0,014	0,314
CHR1	26971240	CHR1:26971240	SSF x Far_LoA	-10,4896018	0,016	0,305

CHR1	26983530	CHR1:26983530	SSF x Far_LoA	-9,31245089	0,096	0,308
CHR1	26983534	CHR1:26983534	SSF x Far_LoA	-8,24616944	-0,098	0,299
CHR1	26983539	CHR1:26983539	SSF x Far_LoA	-7,9615424	-0,088	0,304
CHR1	26983547	CHR1:26983547	SSF x Far_LoA	-10,0528244	-0,024	0,308
CHR1	26983564	CHR1:26983564	SSF x Far_LoA	-6,74876549	-0,037	0,315
CHR1	26983581	CHR1:26983581	SSF x Far_LoA	-10,3054681	-0,050	0,307
CHR1	26983635	CHR1:26983635	SSF x Far_LoA	-8,97978125	-0,078	0,312
CHR1	26983707	CHR1:26983707	SSF x Far_LoA	-10,6356883	-0,036	0,311
CHR1	26983716	CHR1:26983716	SSF x Far_LoA	-10,259685	0,003	0,304
CHR1	26983740	CHR1:26983740	SSF x Far_LoA	-11,1084423	-0,008	0,304
CHR1	26983742	CHR1:26983742	SSF x Far_LoA	-11,2747108	0,017	0,311
CHR1	26986900	CHR1:26986900	SSF x Far_LoA	-9,55183077	0,065	0,304
CHR1	26987035	CHR1:26987035	SSF x Far_LoA	-8,27371076	0,054	0,295
CHR1	27007197	CHR1:27007197	SSF x Far_LoA	-9,5421279	0,034	0,310
CHR1	27007353	CHR1:27007353	SSF x Far_LoA	-9,97661226	0,079	0,296
CHR1	27007410	CHR1:27007410	SSF x Far_LoA	5,27764965	-0,014	0,313
CHR1	2701069	CHR1:2701069	SSF x Far_LoA	-8,48899366	-0,056	0,303
CHR1	2701104	CHR1:2701104	SSF x Far_LoA	-5,75366306	0,028	0,315
CHR1	2701210	CHR1:2701210	SSF x Far_LoA	-3,15750027	0,079	0,311
CHR1	2701265	CHR1:2701265	SSF x Far_LoA	-11,078643	-0,024	0,310
CHR1	2701284	CHR1:2701284	SSF x Far_LoA	-9,71512203	-0,045	0,304
CHR1	27013534	CHR1:27013534	SSF x Far_LoA	-5,62831651	-0,191	0,289
CHR1	27013575	CHR1:27013575	SSF x Far_LoA	-11,2040928	-0,046	0,314
CHR1	27013603	CHR1:27013603	SSF x Far_LoA	-8,82199278	-0,055	0,288
CHR1	27013637	CHR1:27013637	SSF x Far_LoA	-8,80960332	-0,064	0,302
CHR1	27015833	CHR1:27015833	SSF x Far_LoA	-7,02988314	0,043	0,321
CHR1	27015844	CHR1:27015844	SSF x Far_LoA	-9,33461676	-0,026	0,311
CHR1	27015855	CHR1:27015855	SSF x Far_LoA	-10,071831	0,101	0,303
CHR1	27015885	CHR1:27015885	SSF x Far_LoA	-10,2991354	-0,006	0,313
CHR1	27015917	CHR1:27015917	SSF x Far_LoA	-8,72040475	0,051	0,317
CHR1	27015938	CHR1:27015938	SSF x Far_LoA	-10,272487	0,029	0,309
CHR1	27015960	CHR1:27015960	SSF x Far_LoA	-6,11742712	0,031	0,322
CHR1	27017927	CHR1:27017927	SSF x Far_LoA	-9,17503999	-0,143	0,299
CHR1	27017981	CHR1:27017981	SSF x Far_LoA	-10,5577504	-0,073	0,319
CHR1	27017992	CHR1:27017992	SSF x Far_LoA	-11,5000605	0,051	0,287
CHR1	27018008	CHR1:27018008	SSF x Far_LoA	-6,13492715	-0,125	0,304
CHR1	27018803	CHR1:27018803	SSF x Far_LoA	-4,03006035	0,035	0,318
CHR1	27018861	CHR1:27018861	SSF x Far_LoA	-11,8612669	-0,056	0,295
CHR1	27018885	CHR1:27018885	SSF x Far_LoA	-9,41338372	-0,080	0,302
CHR1	27018888	CHR1:27018888	SSF x Far_LoA	-8,75119864	0,023	0,311
CHR1	27018962	CHR1:27018962	SSF x Far_LoA	-8,43738368	0,129	0,306
CHR1	27019035	CHR1:27019035	SSF x Far_LoA	-8,23586333	-0,118	0,304
CHR1	27024179	CHR1:27024179	SSF x Far_LoA	-10,8321941	-0,003	0,307
CHR1	27024277	CHR1:27024277	SSF x Far_LoA	-8,24191442	0,049	0,303
CHR1	27027078	CHR1:27027078	SSF x Far_LoA	-7,78377187	0,029	0,309
CHR1	27027131	CHR1:27027131	SSF x Far_LoA	-7,93302581	-0,048	0,319
CHR1	27027343	CHR1:27027343	SSF x Far_LoA	-6,22252549	0,082	0,313
CHR1	2702739	CHR1:2702739	SSF x Far_LoA	-6,56424339	0,144	0,287
CHR1	2702867	CHR1:2702867	SSF x Far_LoA	-11,3910297	0,046	0,307
CHR1	27034716	CHR1:27034716	SSF x Far_LoA	-7,04876598	-0,105	0,310
CHR1	27034769	CHR1:27034769	SSF x Far_LoA	-11,5845823	-0,073	0,292
CHR1	27034837	CHR1:27034837	SSF x Far_LoA	-11,5822646	-0,057	0,300
CHR1	27037607	CHR1:27037607	SSF x Far_LoA	-10,8152481	0,084	0,301

CHR1	27047971	CHR1:27047971	SSF x Far_LoA	-10,7435278	0,005	0,305
CHR1	27047979	CHR1:27047979	SSF x Far_LoA	-12,0147971	0,002	0,313
CHR1	27048042	CHR1:27048042	SSF x Far_LoA	-6,84152045	-0,070	0,315
CHR1	27048055	CHR1:27048055	SSF x Far_LoA	-9,01340662	-0,014	0,289
CHR1	27055627	CHR1:27055627	SSF x Far_LoA	-9,49753689	-0,063	0,308
CHR1	27055685	CHR1:27055685	SSF x Far_LoA	-6,03298206	-0,060	0,295
CHR1	27055718	CHR1:27055718	SSF x Far_LoA	-8,54773874	0,059	0,294
CHR1	27055730	CHR1:27055730	SSF x Far_LoA	-9,26725951	0,058	0,300
CHR1	27055736	CHR1:27055736	SSF x Far_LoA	-5,87731842	0,139	0,311
CHR1	27055745	CHR1:27055745	SSF x Far_LoA	-7,94320457	0,046	0,314
CHR1	2706425	CHR1:2706425	SSF x Far_LoA	-10,3277505	-0,044	0,318
CHR1	27066507	CHR1:27066507	SSF x Far_LoA	-9,91553145	0,076	0,314
CHR1	27066800	CHR1:27066800	SSF x Far_LoA	-9,03146582	-0,076	0,312
CHR1	27071640	CHR1:27071640	SSF x Far_LoA	-11,0160117	0,005	0,315
CHR1	27071703	CHR1:27071703	SSF x Far_LoA	-7,98569714	-0,104	0,308
CHR1	27071710	CHR1:27071710	SSF x Far_LoA	-10,1039289	-0,004	0,311
CHR1	27071714	CHR1:27071714	SSF x Far_LoA	-7,39698628	0,081	0,314
CHR1	27071715	CHR1:27071715	SSF x Far_LoA	-10,0983262	0,080	0,314
CHR1	27083479	CHR1:27083479	SSF x Far_LoA	-10,808848	0,069	0,292
CHR1	27083661	CHR1:27083661	SSF x Far_LoA	-11,8107472	0,027	0,307
CHR1	27083697	CHR1:27083697	SSF x Far_LoA	-9,70882328	-0,107	0,290
CHR1	27083699	CHR1:27083699	SSF x Far_LoA	-9,33355822	-0,146	0,298
CHR1	27083712	CHR1:27083712	SSF x Far_LoA	-10,2310469	-0,076	0,307
CHR1	27083762	CHR1:27083762	SSF x Far_LoA	-10,5999326	-0,050	0,301
CHR1	27083829	CHR1:27083829	SSF x Far_LoA	-6,18633491	-0,023	0,297
CHR1	27083846	CHR1:27083846	SSF x Far_LoA	-10,6872863	-0,043	0,319
CHR1	27083867	CHR1:27083867	SSF x Far_LoA	-11,7696775	0,000	0,303
CHR1	27090401	CHR1:27090401	SSF x Far_LoA	-7,45106145	-0,151	0,301
CHR1	27098421	CHR1:27098421	SSF x Far_LoA	-7,82468779	0,139	0,311
CHR1	27098530	CHR1:27098530	SSF x Far_LoA	-7,51271962	0,084	0,314
CHR1	27098557	CHR1:27098557	SSF x Far_LoA	-9,13184334	0,089	0,302
CHR1	27098593	CHR1:27098593	SSF x Far_LoA	-10,3435826	0,001	0,313
CHR1	27098670	CHR1:27098670	SSF x Far_LoA	-8,11006861	-0,005	0,320
CHR1	27110152	CHR1:27110152	SSF x Far_LoA	-11,7154701	0,041	0,304
CHR1	27110251	CHR1:27110251	SSF x Far_LoA	-10,0282164	0,097	0,301
CHR1	27110278	CHR1:27110278	SSF x Far_LoA	-7,4534764	-0,074	0,309
CHR1	27110287	CHR1:27110287	SSF x Far_LoA	-8,57273139	-0,052	0,321
CHR1	27112911	CHR1:27112911	SSF x Far_LoA	-12,1557521	-0,009	0,305
CHR1	27115920	CHR1:27115920	SSF x Far_LoA	-9,79616246	-0,030	0,311
CHR1	27115921	CHR1:27115921	SSF x Far_LoA	-9,61088061	-0,022	0,303
CHR1	27115925	CHR1:27115925	SSF x Far_LoA	-6,53323274	-0,031	0,297
CHR1	27135783	CHR1:27135783	SSF x Far_LoA	-8,57826804	0,101	0,315
CHR1	27135846	CHR1:27135846	SSF x Far_LoA	-9,34688263	-0,035	0,325
CHR1	27135861	CHR1:27135861	SSF x Far_LoA	-11,2553527	0,014	0,302
CHR1	27135869	CHR1:27135869	SSF x Far_LoA	-5,13732648	-0,057	0,318
CHR1	27138777	CHR1:27138777	SSF x Far_LoA	-9,9023446	-0,019	0,314
CHR1	27138779	CHR1:27138779	SSF x Far_LoA	-9,40102424	0,069	0,301
CHR1	27141356	CHR1:27141356	SSF x Far_LoA	-11,0392419	0,002	0,317
CHR1	27141407	CHR1:27141407	SSF x Far_LoA	-10,7383618	0,106	0,304
CHR1	27141541	CHR1:27141541	SSF x Far_LoA	-10,3300035	0,029	0,308
CHR1	2714695	CHR1:2714695	SSF x Far_LoA	-8,8494917	0,007	0,307
CHR1	27154094	CHR1:27154094	SSF x Far_LoA	-11,9954294	0,042	0,309
CHR1	27160350	CHR1:27160350	SSF x Far_LoA	-8,2494227	0,007	0,308

CHR1	27160374	CHR1:27160374	SSF x Far_LoA	-8,44053617	-0,018	0,320
CHR1	27160381	CHR1:27160381	SSF x Far_LoA	-7,50603353	-0,150	0,304
CHR1	27178588	CHR1:27178588	SSF x Far_LoA	-10,0987053	-0,001	0,293
CHR1	27194347	CHR1:27194347	SSF x Far_LoA	-8,92079979	0,045	0,312
CHR1	27194503	CHR1:27194503	SSF x Far_LoA	-11,0442123	0,109	0,309
CHR1	27194603	CHR1:27194603	SSF x Far_LoA	-10,3927829	0,003	0,313
CHR1	27196841	CHR1:27196841	SSF x Far_LoA	-10,9647713	0,067	0,310
CHR1	27196951	CHR1:27196951	SSF x Far_LoA	-4,45145368	-0,143	0,314
CHR1	27200076	CHR1:27200076	SSF x Far_LoA	-9,98287568	-0,055	0,308
CHR1	2720398	CHR1:2720398	SSF x Far_LoA	-10,1131603	0,026	0,318
CHR1	27204629	CHR1:27204629	SSF x Far_LoA	-5,63446168	-0,203	0,283
CHR1	27204705	CHR1:27204705	SSF x Far_LoA	-8,78274485	-0,035	0,313
CHR1	27207544	CHR1:27207544	SSF x Far_LoA	-10,7191148	-0,085	0,303
CHR1	27210952	CHR1:27210952	SSF x Far_LoA	-8,90578391	-0,017	0,316
CHR1	27213419	CHR1:27213419	SSF x Far_LoA	-3,53697193	-0,261	0,282
CHR1	27213565	CHR1:27213565	SSF x Far_LoA	-10,5513203	-0,075	0,307
CHR1	27221334	CHR1:27221334	SSF x Far_LoA	-8,73610278	-0,051	0,318
CHR1	27234894	CHR1:27234894	SSF x Far_LoA	-7,78774427	-0,121	0,301
CHR1	27234968	CHR1:27234968	SSF x Far_LoA	-9,47459534	-0,113	0,299
CHR1	27235031	CHR1:27235031	SSF x Far_LoA	-6,88749162	-0,050	0,302
CHR1	27237488	CHR1:27237488	SSF x Far_LoA	-4,75462867	-0,163	0,307
CHR1	27247798	CHR1:27247798	SSF x Far_LoA	-10,0820056	-0,028	0,300
CHR1	27265896	CHR1:27265896	SSF x Far_LoA	-10,3582754	0,040	0,308
CHR1	27266072	CHR1:27266072	SSF x Far_LoA	-10,4331337	-0,019	0,308
CHR1	27266146	CHR1:27266146	SSF x Far_LoA	-8,42528794	-0,071	0,292
CHR1	2726640	CHR1:2726640	SSF x Far_LoA	-9,96582458	-0,012	0,300
CHR1	2726773	CHR1:2726773	SSF x Far_LoA	-9,43030325	-0,010	0,324
CHR1	2726794	CHR1:2726794	SSF x Far_LoA	-4,06345857	0,011	0,318
CHR1	27292063	CHR1:27292063	SSF x Far_LoA	-10,1663405	0,000	0,299
CHR1	27292116	CHR1:27292116	SSF x Far_LoA	-9,71304345	-0,115	0,323
CHR1	27296791	CHR1:27296791	SSF x Far_LoA	-8,20164163	-0,036	0,331
CHR1	27296825	CHR1:27296825	SSF x Far_LoA	-10,359592	0,033	0,308
CHR1	27296830	CHR1:27296830	SSF x Far_LoA	-7,20836436	-0,020	0,316
CHR1	27297172	CHR1:27297172	SSF x Far_LoA	-8,25975693	0,059	0,319
CHR1	27353991	CHR1:27353991	SSF x Far_LoA	-7,35402483	-0,110	0,300
CHR1	27354104	CHR1:27354104	SSF x Far_LoA	-8,6494871	-0,093	0,299
CHR1	27354106	CHR1:27354106	SSF x Far_LoA	-7,57809298	-0,092	0,314
CHR1	27378272	CHR1:27378272	SSF x Far_LoA	-10,3851948	-0,070	0,298
CHR1	27378285	CHR1:27378285	SSF x Far_LoA	-10,1069959	0,126	0,303
CHR1	27378330	CHR1:27378330	SSF x Far_LoA	-6,54167015	0,120	0,309
CHR1	27378607	CHR1:27378607	SSF x Far_LoA	-11,045292	0,007	0,316
CHR1	2738176	CHR1:2738176	SSF x Far_LoA	-10,1634299	0,117	0,309
CHR1	27394515	CHR1:27394515	SSF x Far_LoA	-5,45405945	0,020	0,309
CHR1	27410669	CHR1:27410669	SSF x Far_LoA	-12,3101207	-0,034	0,300
CHR1	27410733	CHR1:27410733	SSF x Far_LoA	-6,31554772	-0,130	0,306
CHR1	27412753	CHR1:27412753	SSF x Far_LoA	-9,54968496	-0,084	0,293
CHR1	27412768	CHR1:27412768	SSF x Far_LoA	-3,16039178	0,207	0,288
CHR1	27413653	CHR1:27413653	SSF x Far_LoA	-8,65792922	-0,105	0,306
CHR1	27413679	CHR1:27413679	SSF x Far_LoA	-10,6652967	-0,034	0,306
CHR1	27413752	CHR1:27413752	SSF x Far_LoA	-7,62998698	0,000	0,328
CHR1	27414123	CHR1:27414123	SSF x Far_LoA	-10,3152906	-0,078	0,302
CHR1	27429274	CHR1:27429274	SSF x Far_LoA	-8,99709685	-0,062	0,307
CHR1	27429310	CHR1:27429310	SSF x Far_LoA	-9,02207899	0,127	0,309

CHR1	27429319	CHR1:27429319	SSF x Far_LoA	-7,23652278	0,060	0,322
CHR1	27429327	CHR1:27429327	SSF x Far_LoA	-9,29016092	0,146	0,302
CHR1	27429333	CHR1:27429333	SSF x Far_LoA	-7,01477659	0,148	0,293
CHR1	27436634	CHR1:27436634	SSF x Far_LoA	-11,7088958	-0,038	0,309
CHR1	27438756	CHR1:27438756	SSF x Far_LoA	-9,18565653	0,169	0,305
CHR1	27438779	CHR1:27438779	SSF x Far_LoA	-6,75114872	-0,100	0,312
CHR1	27438822	CHR1:27438822	SSF x Far_LoA	-12,4055682	-0,046	0,298
CHR1	27438829	CHR1:27438829	SSF x Far_LoA	-9,55492342	-0,043	0,324
CHR1	27438833	CHR1:27438833	SSF x Far_LoA	-7,00951853	0,221	0,285
CHR1	27439387	CHR1:27439387	SSF x Far_LoA	-10,0093846	0,019	0,304
CHR1	27439388	CHR1:27439388	SSF x Far_LoA	-10,1640586	0,030	0,307
CHR1	27439389	CHR1:27439389	SSF x Far_LoA	-9,63277612	0,017	0,316
CHR1	27440580	CHR1:27440580	SSF x Far_LoA	-12,37197	-0,007	0,308
CHR1	27440610	CHR1:27440610	SSF x Far_LoA	-9,13996884	0,053	0,304
CHR1	27443522	CHR1:27443522	SSF x Far_LoA	-12,2151544	0,050	0,303
CHR1	27443620	CHR1:27443620	SSF x Far_LoA	-9,07432419	-0,053	0,296
CHR1	27443642	CHR1:27443642	SSF x Far_LoA	-10,0280938	-0,017	0,306
CHR1	27443643	CHR1:27443643	SSF x Far_LoA	-10,0502425	-0,033	0,317
CHR1	27445534	CHR1:27445534	SSF x Far_LoA	-7,05374725	-0,105	0,317
CHR1	27445571	CHR1:27445571	SSF x Far_LoA	-8,99025801	-0,080	0,319
CHR1	27445599	CHR1:27445599	SSF x Far_LoA	-11,0303394	0,077	0,303
CHR1	27445652	CHR1:27445652	SSF x Far_LoA	-12,7520769	0,052	0,279
CHR1	27445686	CHR1:27445686	SSF x Far_LoA	-8,86218613	0,069	0,313
CHR1	27445700	CHR1:27445700	SSF x Far_LoA	-4,97104491	-0,059	0,306
CHR1	27445702	CHR1:27445702	SSF x Far_LoA	-10,3301733	-0,019	0,311
CHR1	27445706	CHR1:27445706	SSF x Far_LoA	-10,4199704	0,100	0,305
CHR1	27449238	CHR1:27449238	SSF x Far_LoA	-9,04877182	0,042	0,304
CHR1	27449321	CHR1:27449321	SSF x Far_LoA	-10,7388201	0,013	0,297
CHR1	27449364	CHR1:27449364	SSF x Far_LoA	-10,4867667	-0,017	0,298
CHR1	27449421	CHR1:27449421	SSF x Far_LoA	-6,64028892	-0,043	0,315
CHR1	27451439	CHR1:27451439	SSF x Far_LoA	-8,1350032	-0,148	0,297
CHR1	27451444	CHR1:27451444	SSF x Far_LoA	-8,57652931	-0,082	0,308
CHR1	27451526	CHR1:27451526	SSF x Far_LoA	-8,40576915	0,021	0,310
CHR1	2745492	CHR1:2745492	SSF x Far_LoA	-8,34582363	0,017	0,305
CHR1	27462374	CHR1:27462374	SSF x Far_LoA	-6,890691	-0,119	0,284
CHR1	27462430	CHR1:27462430	SSF x Far_LoA	-9,96827722	0,089	0,319
CHR1	27462435	CHR1:27462435	SSF x Far_LoA	-11,8172352	0,063	0,311
CHR1	27462527	CHR1:27462527	SSF x Far_LoA	-10,2142573	-0,081	0,312
CHR1	27462545	CHR1:27462545	SSF x Far_LoA	-10,5170925	-0,010	0,310
CHR1	27478565	CHR1:27478565	SSF x Far_LoA	-9,36388431	0,163	0,297
CHR1	27478637	CHR1:27478637	SSF x Far_LoA	-10,5384827	0,034	0,286
CHR1	27478788	CHR1:27478788	SSF x Far_LoA	-9,64772565	-0,071	0,303
CHR1	27478813	CHR1:27478813	SSF x Far_LoA	-7,32353034	-0,122	0,295
CHR1	27486495	CHR1:27486495	SSF x Far_LoA	-9,30450638	0,080	0,307
CHR1	27489341	CHR1:27489341	SSF x Far_LoA	-9,34947956	-0,055	0,311
CHR1	27489376	CHR1:27489376	SSF x Far_LoA	-7,29807127	0,076	0,300
CHR1	27489410	CHR1:27489410	SSF x Far_LoA	-8,22750982	-0,151	0,298
CHR1	27492934	CHR1:27492934	SSF x Far_LoA	-7,59598671	0,104	0,310
CHR1	27499021	CHR1:27499021	SSF x Far_LoA	-7,77703892	-0,153	0,318
CHR1	27510924	CHR1:27510924	SSF x Far_LoA	-10,5925824	0,030	0,299
CHR1	27514255	CHR1:27514255	SSF x Far_LoA	-9,05301729	0,058	0,303
CHR1	27527603	CHR1:27527603	SSF x Far_LoA	-3,55676029	-0,177	0,305
CHR1	27527619	CHR1:27527619	SSF x Far_LoA	-7,45158998	-0,136	0,319

CHR1	27527689	CHR1:27527689	SSF x Far_LoA	-9,56588439	-0,001	0,306
CHR1	27527702	CHR1:27527702	SSF x Far_LoA	11,8508505	0,011	0,317
CHR1	27533851	CHR1:27533851	SSF x Far_LoA	-3,85709558	-0,099	0,307
CHR1	27533876	CHR1:27533876	SSF x Far_LoA	-6,36734888	0,033	0,317
CHR1	27533930	CHR1:27533930	SSF x Far_LoA	-9,56987421	-0,011	0,307
CHR1	27533931	CHR1:27533931	SSF x Far_LoA	-8,62740274	0,007	0,311
CHR1	27533956	CHR1:27533956	SSF x Far_LoA	-9,02235428	-0,011	0,326
CHR1	27533964	CHR1:27533964	SSF x Far_LoA	-10,5174053	-0,033	0,313
CHR1	27533978	CHR1:27533978	SSF x Far_LoA	-9,5076924	-0,014	0,312
CHR1	27533992	CHR1:27533992	SSF x Far_LoA	-10,7982031	0,052	0,322
CHR1	27534050	CHR1:27534050	SSF x Far_LoA	-10,7521133	-0,024	0,310
CHR1	27534086	CHR1:27534086	SSF x Far_LoA	-10,6762064	-0,021	0,311
CHR1	27534093	CHR1:27534093	SSF x Far_LoA	-11,1388937	0,003	0,303
CHR1	27534161	CHR1:27534161	SSF x Far_LoA	-8,89720409	0,022	0,315
CHR1	2753665	CHR1:2753665	SSF x Far_LoA	-6,74328122	0,132	0,289
CHR1	2753756	CHR1:2753756	SSF x Far_LoA	-10,8817138	-0,081	0,310
CHR1	27540306	CHR1:27540306	SSF x Far_LoA	-8,83993598	-0,087	0,290
CHR1	27540310	CHR1:27540310	SSF x Far_LoA	-6,88098574	-0,105	0,315
CHR1	27540313	CHR1:27540313	SSF x Far_LoA	-12,0293138	-0,053	0,300
CHR1	27540332	CHR1:27540332	SSF x Far_LoA	-12,0669112	-0,109	0,291
CHR1	27540337	CHR1:27540337	SSF x Far_LoA	-6,82276571	0,107	0,330
CHR1	27540348	CHR1:27540348	SSF x Far_LoA	-9,07108213	0,017	0,300
CHR1	27540552	CHR1:27540552	SSF x Far_LoA	-9,5354807	-0,010	0,306
CHR1	27540554	CHR1:27540554	SSF x Far_LoA	-8,70402812	0,066	0,298
CHR1	27548553	CHR1:27548553	SSF x Far_LoA	-4,52324823	-0,229	0,293
CHR1	27548639	CHR1:27548639	SSF x Far_LoA	-9,1539317	-0,123	0,303
CHR1	27562659	CHR1:27562659	SSF x Far_LoA	-10,9519197	-0,090	0,310
CHR1	27562700	CHR1:27562700	SSF x Far_LoA	-9,43391627	0,017	0,316
CHR1	27562749	CHR1:27562749	SSF x Far_LoA	-11,0181189	0,081	0,295
CHR1	27563994	CHR1:27563994	SSF x Far_LoA	-11,5683052	0,116	0,296
CHR1	27564040	CHR1:27564040	SSF x Far_LoA	-10,0655163	0,029	0,300
CHR1	27564044	CHR1:27564044	SSF x Far_LoA	-8,89418804	0,028	0,298
CHR1	27564129	CHR1:27564129	SSF x Far_LoA	-9,82165404	-0,100	0,306
CHR1	27564157	CHR1:27564157	SSF x Far_LoA	-10,1611922	-0,059	0,313
CHR1	27564980	CHR1:27564980	SSF x Far_LoA	-10,6262926	0,029	0,297
CHR1	27565049	CHR1:27565049	SSF x Far_LoA	-9,97901918	-0,092	0,300
CHR1	2757162	CHR1:2757162	SSF x Far_LoA	-10,4596616	-0,029	0,317
CHR1	27576464	CHR1:27576464	SSF x Far_LoA	-11,7201866	0,032	0,307
CHR1	27576466	CHR1:27576466	SSF x Far_LoA	-10,3710147	-0,063	0,316
CHR1	27576467	CHR1:27576467	SSF x Far_LoA	-10,0072445	0,056	0,307
CHR1	27576509	CHR1:27576509	SSF x Far_LoA	-6,52971424	0,103	0,303
CHR1	27576527	CHR1:27576527	SSF x Far_LoA	-7,18957758	0,093	0,279
CHR1	27576532	CHR1:27576532	SSF x Far_LoA	-8,14940081	-0,054	0,307
CHR1	27584636	CHR1:27584636	SSF x Far_LoA	-11,3242221	0,014	0,308
CHR1	27590295	CHR1:27590295	SSF x Far_LoA	-4,10312411	0,064	0,289
CHR1	27590370	CHR1:27590370	SSF x Far_LoA	-6,72653443	-0,121	0,308
CHR1	27607173	CHR1:27607173	SSF x Far_LoA	-7,97803744	-0,042	0,313
CHR1	27607253	CHR1:27607253	SSF x Far_LoA	-7,42920975	-0,101	0,287
CHR1	27607330	CHR1:27607330	SSF x Far_LoA	-8,92631883	0,130	0,278
CHR1	27607331	CHR1:27607331	SSF x Far_LoA	-8,06085292	0,120	0,301
CHR1	27607884	CHR1:27607884	SSF x Far_LoA	-10,6799628	0,013	0,306
CHR1	27607927	CHR1:27607927	SSF x Far_LoA	-2,68031617	0,112	0,295
CHR1	27617514	CHR1:27617514	SSF x Far_LoA	-10,124231	-0,018	0,321

CHR1	27617547	CHR1:27617547	SSF x Far_LoA	-11,1111828	-0,056	0,305
CHR1	27619677	CHR1:27619677	SSF x Far_LoA	-9,0473437	0,079	0,313
CHR1	27619761	CHR1:27619761	SSF x Far_LoA	-10,9468617	0,079	0,305
CHR1	27620791	CHR1:27620791	SSF x Far_LoA	-5,87820711	-0,196	0,296
CHR1	27623740	CHR1:27623740	SSF x Far_LoA	-9,65023978	-0,009	0,319
CHR1	27623761	CHR1:27623761	SSF x Far_LoA	-6,75025682	-0,047	0,304
CHR1	27623903	CHR1:27623903	SSF x Far_LoA	-10,8880374	-0,143	0,308
CHR1	27623915	CHR1:27623915	SSF x Far_LoA	-7,95344854	-0,023	0,305
CHR1	27623916	CHR1:27623916	SSF x Far_LoA	-8,80517606	-0,030	0,321
CHR1	27623917	CHR1:27623917	SSF x Far_LoA	-9,48240719	-0,030	0,309
CHR1	27637957	CHR1:27637957	SSF x Far_LoA	0,19779314	-0,072	0,319
CHR1	27637961	CHR1:27637961	SSF x Far_LoA	-9,64690902	-0,088	0,304
CHR1	27638626	CHR1:27638626	SSF x Far_LoA	-10,2458457	-0,067	0,312
CHR1	27638627	CHR1:27638627	SSF x Far_LoA	-9,67348248	-0,079	0,313
CHR1	27641538	CHR1:27641538	SSF x Far_LoA	-8,3017683	-0,020	0,294
CHR1	27646074	CHR1:27646074	SSF x Far_LoA	-10,3635788	-0,096	0,311
CHR1	27646080	CHR1:27646080	SSF x Far_LoA	-10,2496698	-0,040	0,290
CHR1	27646109	CHR1:27646109	SSF x Far_LoA	-5,2073316	-0,114	0,313
CHR1	27646138	CHR1:27646138	SSF x Far_LoA	-8,82026923	-0,009	0,309
CHR1	27646214	CHR1:27646214	SSF x Far_LoA	-10,4556656	0,100	0,301
CHR1	27655795	CHR1:27655795	SSF x Far_LoA	-8,72785721	-0,048	0,313
CHR1	27655890	CHR1:27655890	SSF x Far_LoA	-4,76849203	0,078	0,304
CHR1	27659378	CHR1:27659378	SSF x Far_LoA	-2,8831401	0,105	0,308
CHR1	27668561	CHR1:27668561	SSF x Far_LoA	-9,67969043	-0,132	0,308
CHR1	27668621	CHR1:27668621	SSF x Far_LoA	-9,80882154	0,035	0,306
CHR1	27668645	CHR1:27668645	SSF x Far_LoA	-9,1479244	0,109	0,308
CHR1	27668657	CHR1:27668657	SSF x Far_LoA	-8,99815543	-0,116	0,301
CHR1	27668682	CHR1:27668682	SSF x Far_LoA	-4,99068252	-0,115	0,310
CHR1	27684054	CHR1:27684054	SSF x Far_LoA	-11,1258563	0,002	0,311
CHR1	27684104	CHR1:27684104	SSF x Far_LoA	-8,19600186	0,000	0,288
CHR1	27684118	CHR1:27684118	SSF x Far_LoA	-8,78992624	-0,046	0,309
CHR1	27684120	CHR1:27684120	SSF x Far_LoA	-11,2070608	0,079	0,303
CHR1	27684167	CHR1:27684167	SSF x Far_LoA	-8,86265932	-0,032	0,299
CHR1	27684450	CHR1:27684450	SSF x Far_LoA	-8,76406784	0,075	0,302
CHR1	27684534	CHR1:27684534	SSF x Far_LoA	-10,6932808	-0,050	0,319
CHR1	27713348	CHR1:27713348	SSF x Far_LoA	-9,28430563	0,013	0,308
CHR1	27713382	CHR1:27713382	SSF x Far_LoA	-9,91643567	-0,101	0,295
CHR1	27713394	CHR1:27713394	SSF x Far_LoA	-11,2372151	-0,037	0,298
CHR1	27713429	CHR1:27713429	SSF x Far_LoA	-12,0245445	-0,052	0,300
CHR1	27713456	CHR1:27713456	SSF x Far_LoA	-6,61750666	0,010	0,312
CHR1	27713459	CHR1:27713459	SSF x Far_LoA	-7,24473273	-0,116	0,312
CHR1	27715998	CHR1:27715998	SSF x Far_LoA	-7,26196641	-0,126	0,313
CHR1	27716026	CHR1:27716026	SSF x Far_LoA	-11,6554977	0,044	0,305
CHR1	27716034	CHR1:27716034	SSF x Far_LoA	-8,06509781	0,176	0,292
CHR1	27716181	CHR1:27716181	SSF x Far_LoA	-8,69845851	-0,076	0,299
CHR1	27716188	CHR1:27716188	SSF x Far_LoA	-9,56039396	0,046	0,303
CHR1	2772782	CHR1:2772782	SSF x Far_LoA	-5,11084647	0,123	0,300
CHR1	2772965	CHR1:2772965	SSF x Far_LoA	-6,63617605	-0,080	0,297
CHR1	2773004	CHR1:2773004	SSF x Far_LoA	-10,5706603	0,006	0,306
CHR1	2773087	CHR1:2773087	SSF x Far_LoA	-8,037053	0,116	0,310
CHR1	27744950	CHR1:27744950	SSF x Far_LoA	-9,50188554	0,038	0,299
CHR1	27745105	CHR1:27745105	SSF x Far_LoA	0,21293265	0,096	0,295
CHR1	27745206	CHR1:27745206	SSF x Far_LoA	-10,288275	0,045	0,310

CHR1	27751437	CHR1:27751437	SSF x Far_LoA	-7,62198331	-0,121	0,315
CHR1	27751454	CHR1:27751454	SSF x Far_LoA	-7,41805748	-0,088	0,284
CHR1	27753051	CHR1:27753051	SSF x Far_LoA	-11,5416399	-0,012	0,312
CHR1	27753533	CHR1:27753533	SSF x Far_LoA	-6,45593086	-0,190	0,310
CHR1	27753579	CHR1:27753579	SSF x Far_LoA	-7,28432185	0,023	0,304
CHR1	27756527	CHR1:27756527	SSF x Far_LoA	-11,2990064	-0,051	0,293
CHR1	27758532	CHR1:27758532	SSF x Far_LoA	-9,68637928	-0,054	0,306
CHR1	27758546	CHR1:27758546	SSF x Far_LoA	-6,98197551	0,136	0,300
CHR1	27760861	CHR1:27760861	SSF x Far_LoA	-10,0893594	-0,082	0,313
CHR1	27760920	CHR1:27760920	SSF x Far_LoA	-10,4284829	-0,009	0,325
CHR1	27763624	CHR1:27763624	SSF x Far_LoA	-9,7845624	-0,036	0,294
CHR1	27763827	CHR1:27763827	SSF x Far_LoA	-10,8184238	-0,060	0,312
CHR1	27769019	CHR1:27769019	SSF x Far_LoA	-8,72763456	-0,095	0,312
CHR1	27769129	CHR1:27769129	SSF x Far_LoA	-8,08556568	0,124	0,297
CHR1	27769145	CHR1:27769145	SSF x Far_LoA	-1,97860472	0,164	0,283
CHR1	27778716	CHR1:27778716	SSF x Far_LoA	-8,181524	-0,042	0,280
CHR1	27778732	CHR1:27778732	SSF x Far_LoA	-11,4362018	-0,065	0,320
CHR1	27778745	CHR1:27778745	SSF x Far_LoA	-8,00494495	0,078	0,300
CHR1	27778753	CHR1:27778753	SSF x Far_LoA	-1,88700125	0,081	0,296
CHR1	27778769	CHR1:27778769	SSF x Far_LoA	-9,46510525	-0,019	0,290
CHR1	27778794	CHR1:27778794	SSF x Far_LoA	-6,19044702	0,128	0,294
CHR1	27778839	CHR1:27778839	SSF x Far_LoA	-9,19674991	-0,017	0,302
CHR1	27778908	CHR1:27778908	SSF x Far_LoA	-10,4970707	0,027	0,311
CHR1	27778922	CHR1:27778922	SSF x Far_LoA	-9,73076414	0,062	0,310
CHR1	27778943	CHR1:27778943	SSF x Far_LoA	-10,2225156	-0,033	0,309
CHR1	27791531	CHR1:27791531	SSF x Far_LoA	-11,5067266	-0,026	0,286
CHR1	27791594	CHR1:27791594	SSF x Far_LoA	-9,08166837	-0,077	0,293
CHR1	27791620	CHR1:27791620	SSF x Far_LoA	-7,95468715	-0,106	0,303
CHR1	27791635	CHR1:27791635	SSF x Far_LoA	-11,2886517	0,051	0,299
CHR1	27807859	CHR1:27807859	SSF x Far_LoA	-10,296565	0,038	0,312
CHR1	27807961	CHR1:27807961	SSF x Far_LoA	-10,2630768	0,122	0,283
CHR1	27814788	CHR1:27814788	SSF x Far_LoA	-10,2868029	0,011	0,302
CHR1	27814818	CHR1:27814818	SSF x Far_LoA	-9,43869861	0,089	0,296
CHR1	27814875	CHR1:27814875	SSF x Far_LoA	-8,09332394	0,075	0,313
CHR1	27814883	CHR1:27814883	SSF x Far_LoA	-8,16661477	0,073	0,317
CHR1	27814909	CHR1:27814909	SSF x Far_LoA	-10,3874239	-0,009	0,290
CHR1	27814930	CHR1:27814930	SSF x Far_LoA	-7,77979454	0,082	0,301
CHR1	27819056	CHR1:27819056	SSF x Far_LoA	-11,4694866	0,113	0,301
CHR1	27819105	CHR1:27819105	SSF x Far_LoA	-9,17987363	-0,048	0,306
CHR1	27824766	CHR1:27824766	SSF x Far_LoA	-8,79338752	-0,028	0,327
CHR1	27830306	CHR1:27830306	SSF x Far_LoA	-8,18657801	0,055	0,300
CHR1	27830318	CHR1:27830318	SSF x Far_LoA	-11,2952286	-0,029	0,300
CHR1	27830329	CHR1:27830329	SSF x Far_LoA	-8,21088883	0,149	0,288
CHR1	27830362	CHR1:27830362	SSF x Far_LoA	-10,3219522	-0,001	0,294
CHR1	27830394	CHR1:27830394	SSF x Far_LoA	-9,83976821	-0,094	0,292
CHR1	2783327	CHR1:2783327	SSF x Far_LoA	-11,9397156	0,070	0,311
CHR1	2783450	CHR1:2783450	SSF x Far_LoA	-7,97533804	0,135	0,295
CHR1	27834619	CHR1:27834619	SSF x Far_LoA	-8,34286407	-0,123	0,296
CHR1	27834649	CHR1:27834649	SSF x Far_LoA	-8,55153212	0,030	0,305
CHR1	2783494	CHR1:2783494	SSF x Far_LoA	-5,83054518	-0,037	0,313
CHR1	27836010	CHR1:27836010	SSF x Far_LoA	-6,43871743	-0,037	0,310
CHR1	27836018	CHR1:27836018	SSF x Far_LoA	-10,8888937	0,061	0,301
CHR1	27836039	CHR1:27836039	SSF x Far_LoA	-9,60828637	-0,144	0,305

CHR1	27836114	CHR1:27836114	SSF x Far_LoA	-9,31059664	0,096	0,301
CHR1	27841412	CHR1:27841412	SSF x Far_LoA	-9,51698944	-0,009	0,299
CHR1	27841528	CHR1:27841528	SSF x Far_LoA	-9,54457543	0,178	0,309
CHR1	27841592	CHR1:27841592	SSF x Far_LoA	-6,62148507	0,167	0,300
CHR1	27841623	CHR1:27841623	SSF x Far_LoA	-9,07509046	-0,026	0,308
CHR1	27853452	CHR1:27853452	SSF x Far_LoA	-11,6648501	0,014	0,312
CHR1	27853571	CHR1:27853571	SSF x Far_LoA	-10,3958445	-0,037	0,300
CHR1	27876966	CHR1:27876966	SSF x Far_LoA	-7,3173271	-0,056	0,298
CHR1	27876987	CHR1:27876987	SSF x Far_LoA	-9,64526672	-0,039	0,313
CHR1	27876998	CHR1:27876998	SSF x Far_LoA	-9,74155277	0,079	0,305
CHR1	27877029	CHR1:27877029	SSF x Far_LoA	-9,03535215	-0,214	0,303
CHR1	27877062	CHR1:27877062	SSF x Far_LoA	-9,81205861	0,058	0,320
CHR1	27877142	CHR1:27877142	SSF x Far_LoA	-9,35959503	0,008	0,317
CHR1	27877266	CHR1:27877266	SSF x Far_LoA	-11,097515	0,037	0,302
CHR1	27877313	CHR1:27877313	SSF x Far_LoA	-10,4623508	-0,014	0,291
CHR1	27880823	CHR1:27880823	SSF x Far_LoA	-9,20882746	-0,047	0,296
CHR1	27885028	CHR1:27885028	SSF x Far_LoA	-11,2050594	0,026	0,300
CHR1	27885078	CHR1:27885078	SSF x Far_LoA	-7,52456399	-0,051	0,308
CHR1	27885113	CHR1:27885113	SSF x Far_LoA	-8,93010038	0,006	0,312
CHR1	27885165	CHR1:27885165	SSF x Far_LoA	-8,53505749	0,035	0,313
CHR1	27885167	CHR1:27885167	SSF x Far_LoA	-7,75501381	-0,191	0,304
CHR1	27887804	CHR1:27887804	SSF x Far_LoA	-7,19846206	-0,053	0,319
CHR1	27887839	CHR1:27887839	SSF x Far_LoA	-8,6063518	-0,072	0,303
CHR1	27888070	CHR1:27888070	SSF x Far_LoA	-8,7363696	-0,034	0,310
CHR1	27888160	CHR1:27888160	SSF x Far_LoA	-7,55618628	-0,102	0,284
CHR1	27899390	CHR1:27899390	SSF x Far_LoA	-9,53632309	0,065	0,297
CHR1	27899457	CHR1:27899457	SSF x Far_LoA	-11,4198046	-0,023	0,292
CHR1	27899499	CHR1:27899499	SSF x Far_LoA	-8,38555727	-0,092	0,320
CHR1	27899554	CHR1:27899554	SSF x Far_LoA	-12,3755857	0,029	0,301
CHR1	27899572	CHR1:27899572	SSF x Far_LoA	-11,0844228	0,013	0,317
CHR1	27907756	CHR1:27907756	SSF x Far_LoA	-10,0712989	0,053	0,305
CHR1	27907913	CHR1:27907913	SSF x Far_LoA	-8,44101223	0,074	0,299
CHR1	27907951	CHR1:27907951	SSF x Far_LoA	-11,3961472	0,039	0,297
CHR1	27907969	CHR1:27907969	SSF x Far_LoA	-9,21629584	0,039	0,293
CHR1	27933551	CHR1:27933551	SSF x Far_LoA	-10,1298881	0,050	0,308
CHR1	27935276	CHR1:27935276	SSF x Far_LoA	-7,88424347	-0,101	0,302
CHR1	27935304	CHR1:27935304	SSF x Far_LoA	-8,23253101	-0,071	0,303
CHR1	27935317	CHR1:27935317	SSF x Far_LoA	-9,74986045	0,110	0,295
CHR1	27935334	CHR1:27935334	SSF x Far_LoA	-9,71555404	0,082	0,295
CHR1	27937745	CHR1:27937745	SSF x Far_LoA	-5,10231521	0,113	0,308
CHR1	27937756	CHR1:27937756	SSF x Far_LoA	-8,65696221	-0,118	0,300
CHR1	27937767	CHR1:27937767	SSF x Far_LoA	-7,85678944	0,121	0,320
CHR1	27944211	CHR1:27944211	SSF x Far_LoA	-9,72398817	-0,047	0,302
CHR1	27954366	CHR1:27954366	SSF x Far_LoA	-9,50066501	-0,044	0,311
CHR1	27954375	CHR1:27954375	SSF x Far_LoA	-7,84595231	0,144	0,295
CHR1	27957630	CHR1:27957630	SSF x Far_LoA	-8,70666696	-0,076	0,303
CHR1	27957655	CHR1:27957655	SSF x Far_LoA	-9,65233901	0,108	0,305
CHR1	27957678	CHR1:27957678	SSF x Far_LoA	-9,57262372	-0,019	0,300
CHR1	27957684	CHR1:27957684	SSF x Far_LoA	-7,37204632	0,062	0,304
CHR1	27957686	CHR1:27957686	SSF x Far_LoA	-10,8418541	0,070	0,304
CHR1	27957699	CHR1:27957699	SSF x Far_LoA	-8,67803728	0,077	0,294
CHR1	27957704	CHR1:27957704	SSF x Far_LoA	-11,2161713	0,044	0,308
CHR1	27957747	CHR1:27957747	SSF x Far_LoA	-6,5381901	0,127	0,312

CHR1	2796235	CHR1:2796235	SSF x Far_LoA	-7,70124482	0,153	0,301
CHR1	2796251	CHR1:2796251	SSF x Far_LoA	-8,28710696	0,008	0,310
CHR1	2796259	CHR1:2796259	SSF x Far_LoA	-9,07096475	-0,041	0,306
CHR1	2796598	CHR1:2796598	SSF x Far_LoA	-11,50873	0,021	0,313
CHR1	27974773	CHR1:27974773	SSF x Far_LoA	-8,82524712	0,013	0,301
CHR1	27974785	CHR1:27974785	SSF x Far_LoA	-8,96582056	-0,030	0,306
CHR1	27974822	CHR1:27974822	SSF x Far_LoA	-7,39223648	0,000	0,319
CHR1	27974847	CHR1:27974847	SSF x Far_LoA	-9,39611716	0,016	0,300
CHR1	27974871	CHR1:27974871	SSF x Far_LoA	-8,36349923	0,041	0,294
CHR1	27974902	CHR1:27974902	SSF x Far_LoA	-9,8817221	-0,092	0,311
CHR1	27974951	CHR1:27974951	SSF x Far_LoA	-8,79603375	-0,127	0,301
CHR1	27987411	CHR1:27987411	SSF x Far_LoA	-8,2422695	-0,155	0,298
CHR1	27990352	CHR1:27990352	SSF x Far_LoA	-8,38640711	-0,043	0,296
CHR1	27990380	CHR1:27990380	SSF x Far_LoA	-11,3569826	-0,056	0,307
CHR1	27990414	CHR1:27990414	SSF x Far_LoA	-9,3627958	-0,024	0,301
CHR1	27990452	CHR1:27990452	SSF x Far_LoA	-9,29178942	-0,069	0,296
CHR1	27995483	CHR1:27995483	SSF x Far_LoA	-1,57825611	-0,135	0,299
CHR1	27995506	CHR1:27995506	SSF x Far_LoA	-8,86230327	-0,092	0,311
CHR1	27995525	CHR1:27995525	SSF x Far_LoA	-3,71714117	0,195	0,304
CHR1	27995549	CHR1:27995549	SSF x Far_LoA	-9,30079809	-0,100	0,305
CHR1	27995594	CHR1:27995594	SSF x Far_LoA	-10,1211329	-0,053	0,309
CHR1	27995599	CHR1:27995599	SSF x Far_LoA	-10,1567781	-0,017	0,302
CHR1	27995605	CHR1:27995605	SSF x Far_LoA	-9,76830519	0,019	0,298
CHR1	27995612	CHR1:27995612	SSF x Far_LoA	-8,78189043	-0,052	0,322
CHR1	27999478	CHR1:27999478	SSF x Far_LoA	-9,62207341	0,031	0,311
CHR1	27999541	CHR1:27999541	SSF x Far_LoA	-9,43273046	0,021	0,314
CHR1	27999548	CHR1:27999548	SSF x Far_LoA	-8,90210289	-0,034	0,291
CHR1	27999550	CHR1:27999550	SSF x Far_LoA	-9,90846486	-0,028	0,307
CHR1	27999576	CHR1:27999576	SSF x Far_LoA	-8,54462869	0,002	0,310
CHR1	27999585	CHR1:27999585	SSF x Far_LoA	-7,6138262	0,072	0,314
CHR1	27999863	CHR1:27999863	SSF x Far_LoA	-8,99921805	-0,034	0,304
CHR1	27999921	CHR1:27999921	SSF x Far_LoA	-9,66354513	0,044	0,324
CHR1	27999940	CHR1:27999940	SSF x Far_LoA	-8,3640121	0,082	0,319
CHR1	27999982	CHR1:27999982	SSF x Far_LoA	-9,66513567	0,109	0,298
CHR1	2800855	CHR1:2800855	SSF x Far_LoA	-1,31206355	-0,173	0,313
CHR1	2800947	CHR1:2800947	SSF x Far_LoA	-10,3235286	-0,002	0,315
CHR1	28010159	CHR1:28010159	SSF x Far_LoA	-11,2941486	0,120	0,291
CHR1	28010165	CHR1:28010165	SSF x Far_LoA	-7,51928506	0,177	0,302
CHR1	28010186	CHR1:28010186	SSF x Far_LoA	-12,3451394	0,032	0,303
CHR1	28011063	CHR1:28011063	SSF x Far_LoA	-11,2983884	-0,028	0,309
CHR1	2802817	CHR1:2802817	SSF x Far_LoA	-10,4417633	-0,018	0,302
CHR1	2802891	CHR1:2802891	SSF x Far_LoA	-9,40507221	0,006	0,300
CHR1	28029493	CHR1:28029493	SSF x Far_LoA	-9,02505236	0,051	0,305
CHR1	2803061	CHR1:2803061	SSF x Far_LoA	-10,9850484	0,011	0,302
CHR1	28033732	CHR1:28033732	SSF x Far_LoA	-8,09768765	0,064	0,297
CHR1	28033739	CHR1:28033739	SSF x Far_LoA	-3,66683141	0,082	0,319
CHR1	28042550	CHR1:28042550	SSF x Far_LoA	-8,62214885	0,004	0,300
CHR1	28042558	CHR1:28042558	SSF x Far_LoA	-9,83567752	0,080	0,307
CHR1	28042587	CHR1:28042587	SSF x Far_LoA	-10,4008352	0,059	0,294
CHR1	28042604	CHR1:28042604	SSF x Far_LoA	-9,47576849	0,047	0,301
CHR1	28042612	CHR1:28042612	SSF x Far_LoA	-10,1710801	-0,024	0,320
CHR1	28042625	CHR1:28042625	SSF x Far_LoA	-11,4199134	0,022	0,299
CHR1	28042649	CHR1:28042649	SSF x Far_LoA	-5,53680449	-0,060	0,314

CHR1	28042695	CHR1:28042695	SSF x Far_LoA	-11,4182685	0,009	0,301
CHR1	28045123	CHR1:28045123	SSF x Far_LoA	-7,72498491	-0,134	0,297
CHR1	28045197	CHR1:28045197	SSF x Far_LoA	-11,380467	-0,046	0,316
CHR1	28045223	CHR1:28045223	SSF x Far_LoA	-6,90213892	0,154	0,313
CHR1	28045233	CHR1:28045233	SSF x Far_LoA	-7,68570671	0,133	0,302
CHR1	28045234	CHR1:28045234	SSF x Far_LoA	-7,81320533	0,105	0,305
CHR1	28047499	CHR1:28047499	SSF x Far_LoA	-7,80736767	-0,133	0,291
CHR1	28047528	CHR1:28047528	SSF x Far_LoA	-7,27393942	0,181	0,297
CHR1	28047598	CHR1:28047598	SSF x Far_LoA	-8,47887277	-0,118	0,326
CHR1	28053297	CHR1:28053297	SSF x Far_LoA	-9,03173534	0,085	0,293
CHR1	28053387	CHR1:28053387	SSF x Far_LoA	-8,14031161	-0,044	0,302
CHR1	28060554	CHR1:28060554	SSF x Far_LoA	-8,65352649	0,142	0,304
CHR1	28060559	CHR1:28060559	SSF x Far_LoA	-10,3461493	0,103	0,301
CHR1	28062160	CHR1:28062160	SSF x Far_LoA	-8,41902752	-0,123	0,288
CHR1	28062185	CHR1:28062185	SSF x Far_LoA	-7,99328217	-0,141	0,292
CHR1	28062187	CHR1:28062187	SSF x Far_LoA	-7,58699177	-0,033	0,296
CHR1	28062231	CHR1:28062231	SSF x Far_LoA	-9,18469871	0,140	0,306
CHR1	28064823	CHR1:28064823	SSF x Far_LoA	-6,34313716	0,162	0,305
CHR1	28064972	CHR1:28064972	SSF x Far_LoA	-9,33126335	-0,066	0,314
CHR1	28064976	CHR1:28064976	SSF x Far_LoA	3,71047703	-0,083	0,310
CHR1	28068495	CHR1:28068495	SSF x Far_LoA	-5,78183644	0,225	0,297
CHR1	28068523	CHR1:28068523	SSF x Far_LoA	-7,90442998	-0,031	0,309
CHR1	28068538	CHR1:28068538	SSF x Far_LoA	-2,53542405	0,051	0,319
CHR1	28077338	CHR1:28077338	SSF x Far_LoA	-8,90638402	0,062	0,302
CHR1	28082422	CHR1:28082422	SSF x Far_LoA	-8,1413303	0,094	0,312
CHR1	28082450	CHR1:28082450	SSF x Far_LoA	-10,8742533	0,048	0,308
CHR1	28082530	CHR1:28082530	SSF x Far_LoA	-10,6363452	0,144	0,291
CHR1	28084719	CHR1:28084719	SSF x Far_LoA	-11,0212549	0,046	0,291
CHR1	28092032	CHR1:28092032	SSF x Far_LoA	-6,05908156	0,139	0,304
CHR1	28092185	CHR1:28092185	SSF x Far_LoA	-7,97893862	-0,085	0,303
CHR1	28100955	CHR1:28100955	SSF x Far_LoA	-9,9628326	-0,094	0,312
CHR1	28100976	CHR1:28100976	SSF x Far_LoA	-8,88416964	0,129	0,308
CHR1	2811482	CHR1:2811482	SSF x Far_LoA	-11,3021591	0,039	0,317
CHR1	2811511	CHR1:2811511	SSF x Far_LoA	-6,77685926	0,064	0,292
CHR1	2811579	CHR1:2811579	SSF x Far_LoA	-11,9106728	-0,089	0,309
CHR1	2811584	CHR1:2811584	SSF x Far_LoA	-10,736382	-0,047	0,317
CHR1	2811593	CHR1:2811593	SSF x Far_LoA	-11,491688	-0,055	0,304
CHR1	2811607	CHR1:2811607	SSF x Far_LoA	-7,7306373	-0,065	0,306
CHR1	28122166	CHR1:28122166	SSF x Far_LoA	-11,1135414	-0,057	0,302
CHR1	28124436	CHR1:28124436	SSF x Far_LoA	-8,9865234	-0,046	0,305
CHR1	28124470	CHR1:28124470	SSF x Far_LoA	-8,9773004	0,073	0,307
CHR1	28129773	CHR1:28129773	SSF x Far_LoA	-2,47119757	-0,050	0,304
CHR1	28134761	CHR1:28134761	SSF x Far_LoA	-11,7356233	-0,020	0,303
CHR1	28135364	CHR1:28135364	SSF x Far_LoA	-7,70602533	0,040	0,320
CHR1	28139498	CHR1:28139498	SSF x Far_LoA	-11,7806897	-0,039	0,317
CHR1	28139507	CHR1:28139507	SSF x Far_LoA	-10,8980343	-0,002	0,305
CHR1	28145798	CHR1:28145798	SSF x Far_LoA	-10,6572494	-0,068	0,300
CHR1	28158392	CHR1:28158392	SSF x Far_LoA	-9,24648777	0,032	0,303
CHR1	28158471	CHR1:28158471	SSF x Far_LoA	-7,33651954	-0,200	0,298
CHR1	28158544	CHR1:28158544	SSF x Far_LoA	-9,65240216	0,115	0,313
CHR1	28171188	CHR1:28171188	SSF x Far_LoA	-10,2901127	0,018	0,314
CHR1	28171237	CHR1:28171237	SSF x Far_LoA	-10,3190377	-0,024	0,299
CHR1	28171257	CHR1:28171257	SSF x Far_LoA	-8,55196553	-0,002	0,311

CHR1	28171277	CHR1:28171277	SSF x Far_LoA	-8,9565867	-0,056	0,315
CHR1	28171401	CHR1:28171401	SSF x Far_LoA	-11,8439929	-0,017	0,302
CHR1	28180971	CHR1:28180971	SSF x Far_LoA	-5,69527549	-0,128	0,295
CHR1	28181186	CHR1:28181186	SSF x Far_LoA	-4,79410374	-0,007	0,317
CHR1	28194282	CHR1:28194282	SSF x Far_LoA	-7,81463911	0,078	0,300
CHR1	28194311	CHR1:28194311	SSF x Far_LoA	-9,27092832	0,024	0,305
CHR1	28194340	CHR1:28194340	SSF x Far_LoA	-10,0129862	0,019	0,298
CHR1	28198516	CHR1:28198516	SSF x Far_LoA	-8,67140348	0,038	0,314
CHR1	28198775	CHR1:28198775	SSF x Far_LoA	-9,70415171	-0,027	0,317
CHR1	28204857	CHR1:28204857	SSF x Far_LoA	-8,99425221	0,070	0,296
CHR1	28204975	CHR1:28204975	SSF x Far_LoA	-12,4447738	-0,051	0,306
CHR1	28204977	CHR1:28204977	SSF x Far_LoA	-10,1539381	0,015	0,311
CHR1	28205249	CHR1:28205249	SSF x Far_LoA	-9,39045401	0,050	0,315
CHR1	28214157	CHR1:28214157	SSF x Far_LoA	-10,0265948	-0,052	0,316
CHR1	28243542	CHR1:28243542	SSF x Far_LoA	-10,7311116	-0,011	0,309
CHR1	28243658	CHR1:28243658	SSF x Far_LoA	-9,58521158	-0,065	0,315
CHR1	28249143	CHR1:28249143	SSF x Far_LoA	-4,86341757	-0,009	0,314
CHR1	28249154	CHR1:28249154	SSF x Far_LoA	-8,25154704	-0,002	0,309
CHR1	28249451	CHR1:28249451	SSF x Far_LoA	-8,00267125	-0,015	0,321
CHR1	28249452	CHR1:28249452	SSF x Far_LoA	-8,69445679	0,002	0,314
CHR1	28276325	CHR1:28276325	SSF x Far_LoA	-10,559956	0,004	0,315
CHR1	28294006	CHR1:28294006	SSF x Far_LoA	-9,1586604	-0,066	0,315
CHR1	2829827	CHR1:2829827	SSF x Far_LoA	-11,2193857	-0,041	0,310
CHR1	28324470	CHR1:28324470	SSF x Far_LoA	-8,76522575	0,046	0,306
CHR1	28324503	CHR1:28324503	SSF x Far_LoA	-11,749377	-0,050	0,297
CHR1	28324654	CHR1:28324654	SSF x Far_LoA	-8,24977354	-0,023	0,314
CHR1	28332183	CHR1:28332183	SSF x Far_LoA	-10,2575293	0,044	0,302
CHR1	28332185	CHR1:28332185	SSF x Far_LoA	-9,09912966	0,095	0,314
CHR1	28332190	CHR1:28332190	SSF x Far_LoA	-9,67046162	-0,090	0,325
CHR1	28332227	CHR1:28332227	SSF x Far_LoA	-7,09992316	-0,007	0,305
CHR1	28332267	CHR1:28332267	SSF x Far_LoA	-6,3314539	-0,014	0,311
CHR1	28333531	CHR1:28333531	SSF x Far_LoA	-10,0904187	-0,071	0,320
CHR1	28333560	CHR1:28333560	SSF x Far_LoA	-10,6328024	-0,045	0,300
CHR1	28339706	CHR1:28339706	SSF x Far_LoA	-7,1360381	-0,138	0,307
CHR1	28339771	CHR1:28339771	SSF x Far_LoA	-7,41604235	-0,179	0,286
CHR1	2834886	CHR1:2834886	SSF x Far_LoA	-9,3599344	-0,141	0,291
CHR1	2834998	CHR1:2834998	SSF x Far_LoA	-4,18420928	-0,226	0,300
CHR1	28350319	CHR1:28350319	SSF x Far_LoA	-11,4061736	-0,042	0,297
CHR1	28350345	CHR1:28350345	SSF x Far_LoA	-9,36475423	0,117	0,297
CHR1	28387923	CHR1:28387923	SSF x Far_LoA	-9,4966598	0,085	0,294
CHR1	28387934	CHR1:28387934	SSF x Far_LoA	-10,129206	0,057	0,303
CHR1	283960	CHR1:283960	SSF x Far_LoA	-9,06685539	0,034	0,306
CHR1	28401974	CHR1:28401974	SSF x Far_LoA	-7,99006827	0,066	0,317
CHR1	2841750	CHR1:2841750	SSF x Far_LoA	-9,29409639	-0,013	0,332
CHR1	2841905	CHR1:2841905	SSF x Far_LoA	-8,65935616	0,147	0,308
CHR1	2841949	CHR1:2841949	SSF x Far_LoA	-10,245857	-0,122	0,285
CHR1	28423890	CHR1:28423890	SSF x Far_LoA	-10,6859836	0,019	0,293
CHR1	28423935	CHR1:28423935	SSF x Far_LoA	-9,05772415	0,012	0,313
CHR1	28423940	CHR1:28423940	SSF x Far_LoA	-4,20399167	-0,124	0,289
CHR1	28424687	CHR1:28424687	SSF x Far_LoA	-11,6271634	0,009	0,310
CHR1	28427402	CHR1:28427402	SSF x Far_LoA	-5,977791	0,198	0,284
CHR1	28427426	CHR1:28427426	SSF x Far_LoA	-9,20778778	0,031	0,327
CHR1	28427441	CHR1:28427441	SSF x Far_LoA	-5,10604135	0,010	0,318

CHR1	28427517	CHR1:28427517	SSF x Far_LoA	-10,2956535	-0,163	0,300
CHR1	28427525	CHR1:28427525	SSF x Far_LoA	-6,83471599	0,190	0,288
CHR1	28427534	CHR1:28427534	SSF x Far_LoA	-10,793024	0,078	0,312
CHR1	28427584	CHR1:28427584	SSF x Far_LoA	-7,24041561	0,166	0,302
CHR1	28437147	CHR1:28437147	SSF x Far_LoA	-8,94653797	-0,028	0,299
CHR1	28437249	CHR1:28437249	SSF x Far_LoA	-7,77271973	0,088	0,302
CHR1	28438441	CHR1:28438441	SSF x Far_LoA	-9,55791522	-0,048	0,316
CHR1	28444521	CHR1:28444521	SSF x Far_LoA	-9,0527989	-0,106	0,304
CHR1	28445390	CHR1:28445390	SSF x Far_LoA	-11,5117882	0,020	0,306
CHR1	2845209	CHR1:2845209	SSF x Far_LoA	-9,88623923	0,049	0,299
CHR1	2845263	CHR1:2845263	SSF x Far_LoA	-9,21532394	0,084	0,299
CHR1	28458674	CHR1:28458674	SSF x Far_LoA	-9,80655648	-0,061	0,310
CHR1	28470310	CHR1:28470310	SSF x Far_LoA	-9,75165054	-0,064	0,305
CHR1	28470312	CHR1:28470312	SSF x Far_LoA	-11,5013068	-0,056	0,302
CHR1	28483158	CHR1:28483158	SSF x Far_LoA	-10,1734433	-0,064	0,316
CHR1	28483188	CHR1:28483188	SSF x Far_LoA	-10,3722186	-0,082	0,308
CHR1	28483252	CHR1:28483252	SSF x Far_LoA	-9,7679547	0,005	0,313
CHR1	28483337	CHR1:28483337	SSF x Far_LoA	-11,4024757	-0,056	0,304
CHR1	28489751	CHR1:28489751	SSF x Far_LoA	-7,83312101	-0,108	0,314
CHR1	28489917	CHR1:28489917	SSF x Far_LoA	-8,79113775	0,125	0,297
CHR1	28491212	CHR1:28491212	SSF x Far_LoA	-8,87165455	-0,061	0,314
CHR1	28491234	CHR1:28491234	SSF x Far_LoA	-10,5220031	0,133	0,295
CHR1	28491280	CHR1:28491280	SSF x Far_LoA	-8,20111825	0,001	0,328
CHR1	28491325	CHR1:28491325	SSF x Far_LoA	-6,53122054	-0,222	0,285
CHR1	28491348	CHR1:28491348	SSF x Far_LoA	-11,5127984	-0,086	0,304
CHR1	28507522	CHR1:28507522	SSF x Far_LoA	-9,01843729	-0,137	0,308
CHR1	28507695	CHR1:28507695	SSF x Far_LoA	-9,0727563	0,096	0,304
CHR1	28509068	CHR1:28509068	SSF x Far_LoA	-2,77112813	0,069	0,327
CHR1	28509113	CHR1:28509113	SSF x Far_LoA	-10,2504264	-0,024	0,306
CHR1	28509114	CHR1:28509114	SSF x Far_LoA	-10,8987044	0,039	0,310
CHR1	28509133	CHR1:28509133	SSF x Far_LoA	-10,0418027	-0,042	0,309
CHR1	28509867	CHR1:28509867	SSF x Far_LoA	-9,63152429	0,045	0,288
CHR1	28514006	CHR1:28514006	SSF x Far_LoA	-10,0862747	-0,045	0,306
CHR1	2854128	CHR1:2854128	SSF x Far_LoA	-10,9656927	0,004	0,311
CHR1	2854442	CHR1:2854442	SSF x Far_LoA	-10,6353588	0,030	0,299
CHR1	28552849	CHR1:28552849	SSF x Far_LoA	-8,73197459	-0,041	0,314
CHR1	28563203	CHR1:28563203	SSF x Far_LoA	-9,07676124	0,144	0,301
CHR1	28563219	CHR1:28563219	SSF x Far_LoA	-9,72822263	-0,017	0,305
CHR1	28563275	CHR1:28563275	SSF x Far_LoA	-10,5774166	-0,024	0,311
CHR1	28563276	CHR1:28563276	SSF x Far_LoA	-11,6033762	-0,039	0,311
CHR1	28563288	CHR1:28563288	SSF x Far_LoA	-9,7942778	0,046	0,314
CHR1	28563334	CHR1:28563334	SSF x Far_LoA	-9,39268287	-0,068	0,298
CHR1	28568886	CHR1:28568886	SSF x Far_LoA	-10,3654881	0,041	0,309
CHR1	28568905	CHR1:28568905	SSF x Far_LoA	-9,06621074	-0,062	0,286
CHR1	28581937	CHR1:28581937	SSF x Far_LoA	-7,69886232	-0,149	0,300
CHR1	28581993	CHR1:28581993	SSF x Far_LoA	-8,97316787	-0,022	0,312
CHR1	28582025	CHR1:28582025	SSF x Far_LoA	-4,93645398	0,100	0,306
CHR1	28582058	CHR1:28582058	SSF x Far_LoA	-9,13963869	0,058	0,306
CHR1	28582062	CHR1:28582062	SSF x Far_LoA	-8,44037076	0,053	0,315
CHR1	28582074	CHR1:28582074	SSF x Far_LoA	-10,0308933	-0,005	0,322
CHR1	28582118	CHR1:28582118	SSF x Far_LoA	-11,4873962	-0,026	0,305
CHR1	28582143	CHR1:28582143	SSF x Far_LoA	-11,6354104	0,093	0,296
CHR1	28583536	CHR1:28583536	SSF x Far_LoA	-11,4343492	0,041	0,312

CHR1	28589981	CHR1:28589981	SSF x Far_LoA	-11,7030589	0,040	0,303
CHR1	28590325	CHR1:28590325	SSF x Far_LoA	-8,72283778	0,050	0,296
CHR1	28590345	CHR1:28590345	SSF x Far_LoA	-8,79985742	-0,003	0,296
CHR1	28590360	CHR1:28590360	SSF x Far_LoA	-9,93863194	-0,036	0,303
CHR1	28590380	CHR1:28590380	SSF x Far_LoA	-11,5351282	0,026	0,296
CHR1	28590383	CHR1:28590383	SSF x Far_LoA	-8,74511691	-0,044	0,309
CHR1	28595452	CHR1:28595452	SSF x Far_LoA	-7,31597082	-0,042	0,295
CHR1	28595454	CHR1:28595454	SSF x Far_LoA	-8,40341173	-0,127	0,303
CHR1	2859847	CHR1:2859847	SSF x Far_LoA	-4,64443902	-0,022	0,312
CHR1	2859884	CHR1:2859884	SSF x Far_LoA	-4,50827182	0,132	0,305
CHR1	2859938	CHR1:2859938	SSF x Far_LoA	-9,00915977	0,031	0,314
CHR1	2859951	CHR1:2859951	SSF x Far_LoA	-12,1995586	0,051	0,301
CHR1	28600359	CHR1:28600359	SSF x Far_LoA	-7,74879189	-0,025	0,310
CHR1	28610704	CHR1:28610704	SSF x Far_LoA	-9,59020905	-0,022	0,315
CHR1	28612783	CHR1:28612783	SSF x Far_LoA	-7,29874332	0,050	0,295
CHR1	28612848	CHR1:28612848	SSF x Far_LoA	-10,8314328	0,137	0,293
CHR1	28626995	CHR1:28626995	SSF x Far_LoA	-8,97178932	-0,041	0,302
CHR1	28627019	CHR1:28627019	SSF x Far_LoA	-9,34118408	0,092	0,308
CHR1	28638344	CHR1:28638344	SSF x Far_LoA	-7,1111909	0,169	0,295
CHR1	28638516	CHR1:28638516	SSF x Far_LoA	-10,8737669	0,070	0,304
CHR1	28638535	CHR1:28638535	SSF x Far_LoA	-9,78740871	0,060	0,308
CHR1	28638559	CHR1:28638559	SSF x Far_LoA	-10,6854757	-0,017	0,307
CHR1	28638569	CHR1:28638569	SSF x Far_LoA	-9,67900635	-0,037	0,311
CHR1	28648113	CHR1:28648113	SSF x Far_LoA	-10,9805599	0,004	0,295
CHR1	28648203	CHR1:28648203	SSF x Far_LoA	-4,35254302	0,119	0,301
CHR1	28648220	CHR1:28648220	SSF x Far_LoA	-6,39119839	0,173	0,292
CHR1	28693483	CHR1:28693483	SSF x Far_LoA	-8,27245254	0,026	0,310
CHR1	28694612	CHR1:28694612	SSF x Far_LoA	-9,09962317	-0,031	0,304
CHR1	28694744	CHR1:28694744	SSF x Far_LoA	-7,37474849	-0,064	0,305
CHR1	28699802	CHR1:28699802	SSF x Far_LoA	-9,37116538	-0,050	0,302
CHR1	28699809	CHR1:28699809	SSF x Far_LoA	-9,76854762	0,113	0,308
CHR1	28699820	CHR1:28699820	SSF x Far_LoA	-8,25230833	0,021	0,305
CHR1	28699880	CHR1:28699880	SSF x Far_LoA	-9,1818463	-0,047	0,303
CHR1	28700085	CHR1:28700085	SSF x Far_LoA	-9,0079526	0,034	0,302
CHR1	28700089	CHR1:28700089	SSF x Far_LoA	-11,3340247	0,042	0,302
CHR1	2870083	CHR1:2870083	SSF x Far_LoA	-9,23232923	0,022	0,304
CHR1	2870098	CHR1:2870098	SSF x Far_LoA	-8,5429956	0,103	0,291
CHR1	2870200	CHR1:2870200	SSF x Far_LoA	-10,3579604	-0,002	0,316
CHR1	2870205	CHR1:2870205	SSF x Far_LoA	-7,04939475	-0,145	0,291
CHR1	28706299	CHR1:28706299	SSF x Far_LoA	-8,63239403	0,005	0,301
CHR1	28706318	CHR1:28706318	SSF x Far_LoA	-8,77464112	0,030	0,291
CHR1	28706327	CHR1:28706327	SSF x Far_LoA	-9,4102967	-0,020	0,306
CHR1	28706389	CHR1:28706389	SSF x Far_LoA	-8,698433	0,084	0,307
CHR1	28709159	CHR1:28709159	SSF x Far_LoA	-10,1838008	-0,030	0,301
CHR1	28709171	CHR1:28709171	SSF x Far_LoA	-10,0415048	0,023	0,310
CHR1	28712316	CHR1:28712316	SSF x Far_LoA	-3,013122	0,023	0,309
CHR1	28712451	CHR1:28712451	SSF x Far_LoA	-6,12256537	-0,158	0,293
CHR1	28712479	CHR1:28712479	SSF x Far_LoA	-9,1295131	0,043	0,302
CHR1	28712553	CHR1:28712553	SSF x Far_LoA	-5,54000916	-0,070	0,310
CHR1	28712565	CHR1:28712565	SSF x Far_LoA	-3,94225812	-0,108	0,293
CHR1	28715018	CHR1:28715018	SSF x Far_LoA	-9,7099315	0,010	0,311
CHR1	2872913	CHR1:2872913	SSF x Far_LoA	-10,4846422	-0,011	0,304
CHR1	2872923	CHR1:2872923	SSF x Far_LoA	-9,46324371	0,003	0,302

CHR1	2872985	CHR1:2872985	SSF x Far_LoA	-9,11389852	-0,035	0,296
CHR1	2873008	CHR1:2873008	SSF x Far_LoA	-7,43085496	-0,075	0,307
CHR1	2873024	CHR1:2873024	SSF x Far_LoA	-0,70710079	-0,179	0,309
CHR1	2873053	CHR1:2873053	SSF x Far_LoA	-10,0113681	-0,017	0,309
CHR1	2873071	CHR1:2873071	SSF x Far_LoA	-8,31462083	0,185	0,293
CHR1	28752016	CHR1:28752016	SSF x Far_LoA	-11,5501061	-0,053	0,301
CHR1	28752030	CHR1:28752030	SSF x Far_LoA	-9,54035229	0,119	0,305
CHR1	28796502	CHR1:28796502	SSF x Far_LoA	-7,53447572	-0,067	0,315
CHR1	28801565	CHR1:28801565	SSF x Far_LoA	-9,95078004	-0,030	0,314
CHR1	28801582	CHR1:28801582	SSF x Far_LoA	-8,60507684	-0,006	0,324
CHR1	28801659	CHR1:28801659	SSF x Far_LoA	-10,0143622	0,029	0,316
CHR1	28806142	CHR1:28806142	SSF x Far_LoA	-9,02572965	0,125	0,293
CHR1	28806717	CHR1:28806717	SSF x Far_LoA	-9,91579292	-0,048	0,312
CHR1	28822958	CHR1:28822958	SSF x Far_LoA	-9,34771083	-0,079	0,306
CHR1	28823010	CHR1:28823010	SSF x Far_LoA	-9,09934959	-0,034	0,308
CHR1	2882989	CHR1:2882989	SSF x Far_LoA	-6,29755143	0,017	0,306
CHR1	28849691	CHR1:28849691	SSF x Far_LoA	-4,77197873	0,160	0,304
CHR1	28849759	CHR1:28849759	SSF x Far_LoA	-10,7843318	-0,026	0,328
CHR1	28849768	CHR1:28849768	SSF x Far_LoA	-8,30891184	-0,096	0,315
CHR1	28865421	CHR1:28865421	SSF x Far_LoA	-2,95588409	0,141	0,286
CHR1	28865495	CHR1:28865495	SSF x Far_LoA	-8,60687047	-0,022	0,318
CHR1	28865613	CHR1:28865613	SSF x Far_LoA	-10,8717035	-0,081	0,291
CHR1	28865645	CHR1:28865645	SSF x Far_LoA	2,52350985	-0,103	0,300
CHR1	28883433	CHR1:28883433	SSF x Far_LoA	-11,9500428	-0,039	0,310
CHR1	28883446	CHR1:28883446	SSF x Far_LoA	-10,1148541	-0,028	0,308
CHR1	28883510	CHR1:28883510	SSF x Far_LoA	-7,34815742	-0,164	0,292
CHR1	28883512	CHR1:28883512	SSF x Far_LoA	-10,5116529	0,036	0,301
CHR1	28883515	CHR1:28883515	SSF x Far_LoA	-11,4716083	0,066	0,300
CHR1	28883560	CHR1:28883560	SSF x Far_LoA	-8,39409497	0,043	0,308
CHR1	28883564	CHR1:28883564	SSF x Far_LoA	-8,47242479	0,078	0,305
CHR1	28884580	CHR1:28884580	SSF x Far_LoA	-9,34395237	0,028	0,309
CHR1	28912805	CHR1:28912805	SSF x Far_LoA	-9,59397219	0,013	0,316
CHR1	28912984	CHR1:28912984	SSF x Far_LoA	-4,00959868	-0,088	0,317
CHR1	28912992	CHR1:28912992	SSF x Far_LoA	-8,1264092	-0,098	0,310
CHR1	28916938	CHR1:28916938	SSF x Far_LoA	-1,10744731	0,210	0,290
CHR1	28917117	CHR1:28917117	SSF x Far_LoA	-8,11577486	0,038	0,300
CHR1	28920387	CHR1:28920387	SSF x Far_LoA	-7,50716897	-0,089	0,307
CHR1	28924645	CHR1:28924645	SSF x Far_LoA	-10,0596492	0,118	0,292
CHR1	28928481	CHR1:28928481	SSF x Far_LoA	-6,54551596	-0,161	0,300
CHR1	28929554	CHR1:28929554	SSF x Far_LoA	-11,1004529	-0,115	0,297
CHR1	28929557	CHR1:28929557	SSF x Far_LoA	-10,2916833	-0,034	0,308
CHR1	28929562	CHR1:28929562	SSF x Far_LoA	-9,59965086	0,129	0,306
CHR1	28929606	CHR1:28929606	SSF x Far_LoA	-9,94072569	0,029	0,304
CHR1	28929640	CHR1:28929640	SSF x Far_LoA	-8,37373297	-0,025	0,313
CHR1	28929716	CHR1:28929716	SSF x Far_LoA	-10,9307194	0,114	0,301
CHR1	28950785	CHR1:28950785	SSF x Far_LoA	-8,79792758	0,020	0,303
CHR1	28950828	CHR1:28950828	SSF x Far_LoA	-10,9834425	-0,061	0,310
CHR1	28950836	CHR1:28950836	SSF x Far_LoA	-12,1821785	-0,004	0,301
CHR1	28950880	CHR1:28950880	SSF x Far_LoA	-7,21527461	-0,042	0,313
CHR1	28954352	CHR1:28954352	SSF x Far_LoA	-8,58078139	-0,093	0,297
CHR1	28962348	CHR1:28962348	SSF x Far_LoA	-6,40153161	0,198	0,298
CHR1	28962382	CHR1:28962382	SSF x Far_LoA	-7,07099458	0,156	0,297
CHR1	28962384	CHR1:28962384	SSF x Far_LoA	-6,15681701	-0,240	0,291

CHR1	28976075	CHR1:28976075	SSF x Far_LoA	-10,7098509	-0,023	0,311
CHR1	28976143	CHR1:28976143	SSF x Far_LoA	-9,02436197	-0,008	0,318
CHR1	28978079	CHR1:28978079	SSF x Far_LoA	-9,91580814	-0,052	0,302
CHR1	28978239	CHR1:28978239	SSF x Far_LoA	-9,85681396	0,028	0,317
CHR1	28978260	CHR1:28978260	SSF x Far_LoA	-10,0154358	-0,047	0,306
CHR1	28980260	CHR1:28980260	SSF x Far_LoA	-10,407936	-0,075	0,311
CHR1	28980277	CHR1:28980277	SSF x Far_LoA	-10,6431104	0,093	0,300
CHR1	28981502	CHR1:28981502	SSF x Far_LoA	-8,06995143	-0,078	0,316
CHR1	2898930	CHR1:2898930	SSF x Far_LoA	-10,5024638	0,032	0,301
CHR1	2898938	CHR1:2898938	SSF x Far_LoA	-10,00811	0,066	0,292
CHR1	28990028	CHR1:28990028	SSF x Far_LoA	-10,5287709	-0,058	0,309
CHR1	28996345	CHR1:28996345	SSF x Far_LoA	-8,38679924	-0,099	0,303
CHR1	28998431	CHR1:28998431	SSF x Far_LoA	-7,65838726	-0,112	0,293
CHR1	29010858	CHR1:29010858	SSF x Far_LoA	-8,72239754	-0,081	0,312
CHR1	29024580	CHR1:29024580	SSF x Far_LoA	-10,4335906	-0,015	0,320
CHR1	2902511	CHR1:2902511	SSF x Far_LoA	-6,53991266	-0,062	0,300
CHR1	2902577	CHR1:2902577	SSF x Far_LoA	-11,4573259	-0,018	0,299
CHR1	29091942	CHR1:29091942	SSF x Far_LoA	-11,6984757	-0,105	0,304
CHR1	29105506	CHR1:29105506	SSF x Far_LoA	-8,24054842	0,026	0,317
CHR1	29105655	CHR1:29105655	SSF x Far_LoA	-9,9632863	-0,104	0,316
CHR1	29105748	CHR1:29105748	SSF x Far_LoA	-9,66374118	0,029	0,314
CHR1	29105757	CHR1:29105757	SSF x Far_LoA	-8,90057742	0,026	0,299
CHR1	29113482	CHR1:29113482	SSF x Far_LoA	-8,17704598	-0,026	0,309
CHR1	29113486	CHR1:29113486	SSF x Far_LoA	-11,9918277	0,027	0,301
CHR1	29116606	CHR1:29116606	SSF x Far_LoA	-8,50283779	-0,082	0,314
CHR1	29116634	CHR1:29116634	SSF x Far_LoA	-10,6067566	0,088	0,292
CHR1	29116728	CHR1:29116728	SSF x Far_LoA	-8,20433344	-0,104	0,298
CHR1	29138955	CHR1:29138955	SSF x Far_LoA	-9,05462311	-0,068	0,309
CHR1	29139059	CHR1:29139059	SSF x Far_LoA	-10,2400267	-0,154	0,299
CHR1	29139065	CHR1:29139065	SSF x Far_LoA	-8,77378931	0,053	0,297
CHR1	29139400	CHR1:29139400	SSF x Far_LoA	-8,5790228	-0,140	0,301
CHR1	29139405	CHR1:29139405	SSF x Far_LoA	-8,81796627	-0,128	0,301
CHR1	29139407	CHR1:29139407	SSF x Far_LoA	-5,19790772	-0,132	0,305
CHR1	29139427	CHR1:29139427	SSF x Far_LoA	-8,09725573	-0,136	0,300
CHR1	29139486	CHR1:29139486	SSF x Far_LoA	-9,60957386	-0,054	0,298
CHR1	29139498	CHR1:29139498	SSF x Far_LoA	-10,9571061	-0,118	0,300
CHR1	29139506	CHR1:29139506	SSF x Far_LoA	-5,07074146	0,142	0,294
CHR1	29148330	CHR1:29148330	SSF x Far_LoA	-9,0053209	0,042	0,302
CHR1	29148334	CHR1:29148334	SSF x Far_LoA	-10,5101699	-0,043	0,308
CHR1	29148373	CHR1:29148373	SSF x Far_LoA	-10,762132	-0,002	0,317
CHR1	29148376	CHR1:29148376	SSF x Far_LoA	-8,01428584	0,104	0,297
CHR1	29152574	CHR1:29152574	SSF x Far_LoA	-9,86439039	-0,060	0,312
CHR1	29152614	CHR1:29152614	SSF x Far_LoA	-3,1772095	-0,085	0,315
CHR1	29152705	CHR1:29152705	SSF x Far_LoA	-8,41451488	0,093	0,302
CHR1	29152745	CHR1:29152745	SSF x Far_LoA	-9,37643709	0,118	0,283
CHR1	29155874	CHR1:29155874	SSF x Far_LoA	-11,8826272	-0,045	0,313
CHR1	29155917	CHR1:29155917	SSF x Far_LoA	-9,64114833	-0,025	0,315
CHR1	29166243	CHR1:29166243	SSF x Far_LoA	-10,7026251	-0,065	0,311
CHR1	29166393	CHR1:29166393	SSF x Far_LoA	-9,21475659	0,063	0,297
CHR1	29171218	CHR1:29171218	SSF x Far_LoA	-10,7292659	0,120	0,303
CHR1	29171237	CHR1:29171237	SSF x Far_LoA	-8,78759593	0,032	0,305
CHR1	29195898	CHR1:29195898	SSF x Far_LoA	-7,01390232	0,187	0,303
CHR1	29195937	CHR1:29195937	SSF x Far_LoA	-8,72933801	0,098	0,289

CHR1	29195978	CHR1:29195978	SSF x Far_LoA	-10,6254982	0,076	0,287
CHR1	29195987	CHR1:29195987	SSF x Far_LoA	-11,1222512	-0,129	0,310
CHR1	29197467	CHR1:29197467	SSF x Far_LoA	-9,02266488	-0,008	0,320
CHR1	29197487	CHR1:29197487	SSF x Far_LoA	-10,693094	0,048	0,304
CHR1	29197489	CHR1:29197489	SSF x Far_LoA	-9,54878249	0,002	0,296
CHR1	29197510	CHR1:29197510	SSF x Far_LoA	-7,22184998	-0,065	0,303
CHR1	29197574	CHR1:29197574	SSF x Far_LoA	-11,2649209	-0,061	0,307
CHR1	29204270	CHR1:29204270	SSF x Far_LoA	-11,1189319	-0,060	0,312
CHR1	29204299	CHR1:29204299	SSF x Far_LoA	-8,76058582	-0,014	0,303
CHR1	29204479	CHR1:29204479	SSF x Far_LoA	-10,7257692	0,003	0,312
CHR1	29215309	CHR1:29215309	SSF x Far_LoA	-6,12498753	-0,013	0,306
CHR1	29215335	CHR1:29215335	SSF x Far_LoA	-8,97286503	-0,033	0,302
CHR1	29215346	CHR1:29215346	SSF x Far_LoA	-7,58179902	0,059	0,293
CHR1	29215366	CHR1:29215366	SSF x Far_LoA	-7,88589103	0,108	0,300
CHR1	29218871	CHR1:29218871	SSF x Far_LoA	-9,96497498	0,055	0,315
CHR1	29240407	CHR1:29240407	SSF x Far_LoA	-9,56636985	0,008	0,309
CHR1	29254412	CHR1:29254412	SSF x Far_LoA	-4,40654205	-0,206	0,289
CHR1	29254549	CHR1:29254549	SSF x Far_LoA	-6,80763042	-0,148	0,300
CHR1	29273743	CHR1:29273743	SSF x Far_LoA	-10,2311427	0,045	0,313
CHR1	29281382	CHR1:29281382	SSF x Far_LoA	-7,82957491	0,098	0,304
CHR1	29281513	CHR1:29281513	SSF x Far_LoA	-8,4420129	0,079	0,311
CHR1	29295409	CHR1:29295409	SSF x Far_LoA	-10,3070118	0,043	0,307
CHR1	29308375	CHR1:29308375	SSF x Far_LoA	-11,5955946	-0,002	0,296
CHR1	29329857	CHR1:29329857	SSF x Far_LoA	-8,60119775	0,085	0,311
CHR1	29329875	CHR1:29329875	SSF x Far_LoA	-7,70398118	-0,054	0,304
CHR1	29329880	CHR1:29329880	SSF x Far_LoA	-8,33733684	0,091	0,306
CHR1	293330	CHR1:293330	SSF x Far_LoA	-8,51438297	-0,108	0,278
CHR1	29375202	CHR1:29375202	SSF x Far_LoA	-8,94929314	-0,039	0,303
CHR1	29375229	CHR1:29375229	SSF x Far_LoA	-8,78454184	-0,073	0,305
CHR1	29384587	CHR1:29384587	SSF x Far_LoA	-10,2315251	0,133	0,300
CHR1	29384604	CHR1:29384604	SSF x Far_LoA	-9,66895151	-0,032	0,314
CHR1	29391530	CHR1:29391530	SSF x Far_LoA	-8,61544902	0,195	0,296
CHR1	29391654	CHR1:29391654	SSF x Far_LoA	-7,88432739	0,098	0,297
CHR1	29394136	CHR1:29394136	SSF x Far_LoA	-9,84646872	-0,037	0,298
CHR1	29394251	CHR1:29394251	SSF x Far_LoA	-7,49325255	0,137	0,293
CHR1	29394255	CHR1:29394255	SSF x Far_LoA	-8,97251846	-0,014	0,327
CHR1	29394262	CHR1:29394262	SSF x Far_LoA	-10,0381554	0,006	0,304
CHR1	29397742	CHR1:29397742	SSF x Far_LoA	-9,65020265	-0,004	0,303
CHR1	29399639	CHR1:29399639	SSF x Far_LoA	-4,44934666	-0,057	0,312
CHR1	29408156	CHR1:29408156	SSF x Far_LoA	-5,94994427	-0,002	0,309
CHR1	29408227	CHR1:29408227	SSF x Far_LoA	-8,28072106	0,067	0,307
CHR1	29409900	CHR1:29409900	SSF x Far_LoA	-6,82074297	0,049	0,314
CHR1	29409973	CHR1:29409973	SSF x Far_LoA	-8,16826285	-0,047	0,316
CHR1	29412083	CHR1:29412083	SSF x Far_LoA	-9,71768991	-0,027	0,312
CHR1	29412191	CHR1:29412191	SSF x Far_LoA	-9,0133258	0,037	0,294
CHR1	29425482	CHR1:29425482	SSF x Far_LoA	-10,7993945	0,026	0,318
CHR1	29425533	CHR1:29425533	SSF x Far_LoA	-7,4731587	0,064	0,299
CHR1	29425572	CHR1:29425572	SSF x Far_LoA	-10,8902162	0,018	0,309
CHR1	29426347	CHR1:29426347	SSF x Far_LoA	-10,5633258	0,105	0,309
CHR1	29427167	CHR1:29427167	SSF x Far_LoA	-9,12566309	-0,130	0,300
CHR1	29427234	CHR1:29427234	SSF x Far_LoA	-7,8450986	0,156	0,295
CHR1	29427362	CHR1:29427362	SSF x Far_LoA	-4,47528791	0,058	0,303
CHR1	29427369	CHR1:29427369	SSF x Far_LoA	-10,9268745	0,031	0,300

CHR1	29427389	CHR1:29427389	SSF x Far_LoA	-9,08595062	-0,128	0,298
CHR1	29434290	CHR1:29434290	SSF x Far_LoA	-4,75714589	0,099	0,313
CHR1	29437965	CHR1:29437965	SSF x Far_LoA	-9,17293233	-0,084	0,315
CHR1	29438012	CHR1:29438012	SSF x Far_LoA	-4,22537548	0,219	0,274
CHR1	29438014	CHR1:29438014	SSF x Far_LoA	-7,25414377	0,193	0,288
CHR1	29438024	CHR1:29438024	SSF x Far_LoA	-6,74324156	-0,057	0,309
CHR1	29438040	CHR1:29438040	SSF x Far_LoA	-8,98681683	-0,050	0,309
CHR1	29455244	CHR1:29455244	SSF x Far_LoA	-8,44086953	-0,122	0,315
CHR1	29455404	CHR1:29455404	SSF x Far_LoA	-8,07851294	-0,149	0,300
CHR1	29459205	CHR1:29459205	SSF x Far_LoA	-9,92355253	0,177	0,291
CHR1	29463042	CHR1:29463042	SSF x Far_LoA	-11,7433349	0,076	0,295
CHR1	294638	CHR1:294638	SSF x Far_LoA	-8,697662	-0,161	0,308
CHR1	294693	CHR1:294693	SSF x Far_LoA	-8,73060556	0,002	0,296
CHR1	29498967	CHR1:29498967	SSF x Far_LoA	-10,1898869	0,071	0,300
CHR1	29499028	CHR1:29499028	SSF x Far_LoA	-7,88086298	0,056	0,303
CHR1	3E+07	CHR1:29512911	SSF x Far_LoA	-9,64807363	-0,058	0,319
CHR1	3E+07	CHR1:29512942	SSF x Far_LoA	-8,53280339	-0,026	0,316
CHR1	3E+07	CHR1:29514906	SSF x Far_LoA	-5,42711028	-0,056	0,303
CHR1	3E+07	CHR1:29514944	SSF x Far_LoA	-9,26688087	-0,123	0,296
CHR1	3E+07	CHR1:29514951	SSF x Far_LoA	-8,77394478	-0,097	0,303
CHR1	3E+07	CHR1:29517799	SSF x Far_LoA	-6,3775759	-0,189	0,297
CHR1	3E+07	CHR1:29517868	SSF x Far_LoA	-9,20525207	0,012	0,312
CHR1	3E+07	CHR1:29517944	SSF x Far_LoA	-7,76551945	0,089	0,312
CHR1	3E+07	CHR1:29523883	SSF x Far_LoA	-11,2256526	-0,016	0,304
CHR1	3E+07	CHR1:29525613	SSF x Far_LoA	-8,06143618	0,018	0,312
CHR1	3E+07	CHR1:29525639	SSF x Far_LoA	-8,14926036	0,115	0,313
CHR1	3E+07	CHR1:29525666	SSF x Far_LoA	-4,83114206	0,270	0,276
CHR1	3E+07	CHR1:29525763	SSF x Far_LoA	-8,7565023	0,120	0,290
CHR1	3E+07	CHR1:29525783	SSF x Far_LoA	-9,89085066	0,094	0,308
CHR1	3E+07	CHR1:29525827	SSF x Far_LoA	-9,62907588	-0,116	0,321
CHR1	295273	CHR1:295273	SSF x Far_LoA	-8,50952124	-0,007	0,309
CHR1	295280	CHR1:295280	SSF x Far_LoA	-10,4915086	-0,023	0,316
CHR1	3E+07	CHR1:29530828	SSF x Far_LoA	-12,8491704	0,036	0,298
CHR1	295319	CHR1:295319	SSF x Far_LoA	-10,2285764	-0,037	0,326
CHR1	3E+07	CHR1:29542105	SSF x Far_LoA	-8,64024675	0,098	0,301
CHR1	3E+07	CHR1:29542129	SSF x Far_LoA	-9,93789747	0,035	0,312
CHR1	3E+07	CHR1:29542151	SSF x Far_LoA	-8,94446233	-0,031	0,314
CHR1	3E+07	CHR1:29542799	SSF x Far_LoA	-9,19885696	-0,052	0,307
CHR1	3E+07	CHR1:29542856	SSF x Far_LoA	-9,41057209	-0,002	0,294
CHR1	3E+07	CHR1:29542936	SSF x Far_LoA	-8,19247051	-0,042	0,308
CHR1	3E+07	CHR1:29542999	SSF x Far_LoA	-2,15876815	-0,095	0,297
CHR1	3E+07	CHR1:29543017	SSF x Far_LoA	-7,64257248	-0,039	0,299
CHR1	3E+07	CHR1:29552296	SSF x Far_LoA	-11,2019597	0,047	0,309
CHR1	3E+07	CHR1:29552315	SSF x Far_LoA	-12,4004231	-0,027	0,303
CHR1	3E+07	CHR1:29557625	SSF x Far_LoA	-9,4152739	-0,018	0,305
CHR1	3E+07	CHR1:29565711	SSF x Far_LoA	-11,2395508	0,026	0,305
CHR1	3E+07	CHR1:29565807	SSF x Far_LoA	-10,4499687	-0,006	0,296
CHR1	3E+07	CHR1:29565896	SSF x Far_LoA	-5,95198445	-0,089	0,305
CHR1	3E+07	CHR1:29565902	SSF x Far_LoA	-11,9745731	0,053	0,300
CHR1	3E+07	CHR1:29565909	SSF x Far_LoA	-10,0193333	0,024	0,303
CHR1	3E+07	CHR1:29565937	SSF x Far_LoA	-3,69719021	0,073	0,315
CHR1	3E+07	CHR1:29565976	SSF x Far_LoA	-9,48203878	-0,139	0,304
CHR1	3E+07	CHR1:29565981	SSF x Far_LoA	-10,8214894	-0,026	0,316

CHR1	3E+07	CHR1:29566003	SSF x Far_LoA	-9,67574463	0,022	0,299
CHR1	3E+07	CHR1:29572817	SSF x Far_LoA	-9,69368092	0,006	0,298
CHR1	3E+07	CHR1:29572940	SSF x Far_LoA	-8,51210365	-0,023	0,303
CHR1	3E+07	CHR1:29572965	SSF x Far_LoA	-10,1374182	0,026	0,304
CHR1	3E+07	CHR1:29572995	SSF x Far_LoA	-10,9262568	-0,074	0,306
CHR1	3E+07	CHR1:29573772	SSF x Far_LoA	-11,9670778	-0,074	0,297
CHR1	3E+07	CHR1:29573791	SSF x Far_LoA	-9,14393827	0,124	0,304
CHR1	3E+07	CHR1:29575553	SSF x Far_LoA	-7,82775002	0,005	0,294
CHR1	3E+07	CHR1:29575586	SSF x Far_LoA	-11,0863051	-0,015	0,315
CHR1	3E+07	CHR1:29578754	SSF x Far_LoA	-11,0624892	-0,071	0,298
CHR1	3E+07	CHR1:29583845	SSF x Far_LoA	-7,99480742	0,087	0,311
CHR1	3E+07	CHR1:29583904	SSF x Far_LoA	-7,63686212	-0,123	0,302
CHR1	3E+07	CHR1:29585724	SSF x Far_LoA	-10,7419834	-0,072	0,301
CHR1	3E+07	CHR1:29585777	SSF x Far_LoA	-9,6151625	0,066	0,297
CHR1	3E+07	CHR1:29591549	SSF x Far_LoA	-11,3713119	0,072	0,301
CHR1	3E+07	CHR1:29591581	SSF x Far_LoA	-9,15116414	0,037	0,293
CHR1	3E+07	CHR1:29599040	SSF x Far_LoA	-5,85233567	0,079	0,318
CHR1	3E+07	CHR1:29599047	SSF x Far_LoA	-9,88289504	0,083	0,309
CHR1	3E+07	CHR1:29599131	SSF x Far_LoA	-9,0648909	-0,011	0,304
CHR1	3E+07	CHR1:29599204	SSF x Far_LoA	-9,48238866	-0,122	0,297
CHR1	3E+07	CHR1:29599287	SSF x Far_LoA	0,21449516	0,065	0,304
CHR1	3E+07	CHR1:29599288	SSF x Far_LoA	-10,054444	0,026	0,289
CHR1	3E+07	CHR1:29610870	SSF x Far_LoA	-7,7441897	-0,064	0,322
CHR1	3E+07	CHR1:29610903	SSF x Far_LoA	-9,29375051	-0,013	0,313
CHR1	3E+07	CHR1:29610949	SSF x Far_LoA	-7,42014874	0,137	0,301
CHR1	3E+07	CHR1:29610968	SSF x Far_LoA	-11,3450031	0,047	0,295
CHR1	3E+07	CHR1:29610971	SSF x Far_LoA	-9,51714938	0,080	0,301
CHR1	3E+07	CHR1:29611060	SSF x Far_LoA	-8,97030804	-0,025	0,301
CHR1	3E+07	CHR1:29621552	SSF x Far_LoA	-10,3246742	0,106	0,303
CHR1	3E+07	CHR1:29622085	SSF x Far_LoA	-11,145164	0,039	0,296
CHR1	3E+07	CHR1:29622137	SSF x Far_LoA	-7,38392724	-0,122	0,309
CHR1	3E+07	CHR1:29623203	SSF x Far_LoA	-9,79751669	0,108	0,299
CHR1	3E+07	CHR1:29623230	SSF x Far_LoA	-11,3362943	-0,032	0,293
CHR1	3E+07	CHR1:29623256	SSF x Far_LoA	-8,633448	0,040	0,307
CHR1	3E+07	CHR1:29627959	SSF x Far_LoA	-10,0242547	0,049	0,306
CHR1	3E+07	CHR1:29628551	SSF x Far_LoA	-8,96529289	-0,035	0,304
CHR1	3E+07	CHR1:29628562	SSF x Far_LoA	-10,4710963	0,046	0,314
CHR1	3E+07	CHR1:29628582	SSF x Far_LoA	-9,7072973	-0,098	0,299
CHR1	3E+07	CHR1:29628645	SSF x Far_LoA	-9,80975734	0,036	0,294
CHR1	3E+07	CHR1:29639074	SSF x Far_LoA	-10,5873692	-0,021	0,304
CHR1	3E+07	CHR1:29644503	SSF x Far_LoA	-6,48579145	-0,128	0,307
CHR1	3E+07	CHR1:29644644	SSF x Far_LoA	-3,67761107	-0,105	0,317
CHR1	3E+07	CHR1:29644815	SSF x Far_LoA	-9,45362643	-0,022	0,305
CHR1	3E+07	CHR1:29649932	SSF x Far_LoA	-8,27721317	0,120	0,302
CHR1	3E+07	CHR1:29649939	SSF x Far_LoA	-8,91681039	0,109	0,296
CHR1	3E+07	CHR1:29649967	SSF x Far_LoA	-4,73659546	0,070	0,308
CHR1	3E+07	CHR1:29651685	SSF x Far_LoA	-11,2471166	-0,042	0,308
CHR1	3E+07	CHR1:29651730	SSF x Far_LoA	-4,40498245	-0,120	0,307
CHR1	3E+07	CHR1:29652963	SSF x Far_LoA	-10,9623549	-0,084	0,312
CHR1	3E+07	CHR1:29653008	SSF x Far_LoA	-7,54236487	0,138	0,307
CHR1	3E+07	CHR1:29654238	SSF x Far_LoA	-10,3687183	0,017	0,317
CHR1	3E+07	CHR1:29654412	SSF x Far_LoA	-8,08374542	0,058	0,311
CHR1	3E+07	CHR1:29661469	SSF x Far_LoA	-11,7011739	0,044	0,318

CHR1	3E+07	CHR1:29661481	SSF x Far_LoA	-9,30623282	0,070	0,315
CHR1	3E+07	CHR1:29661535	SSF x Far_LoA	-11,4776177	0,002	0,300
CHR1	3E+07	CHR1:29661537	SSF x Far_LoA	-8,83110243	-0,012	0,304
CHR1	3E+07	CHR1:29661702	SSF x Far_LoA	-11,3331433	-0,099	0,300
CHR1	3E+07	CHR1:29665864	SSF x Far_LoA	-8,39136364	0,072	0,308
CHR1	3E+07	CHR1:29672672	SSF x Far_LoA	-10,553424	-0,068	0,300
CHR1	3E+07	CHR1:29674512	SSF x Far_LoA	-9,5887919	-0,051	0,297
CHR1	3E+07	CHR1:29674527	SSF x Far_LoA	-11,7677908	0,078	0,300
CHR1	3E+07	CHR1:29674656	SSF x Far_LoA	-10,7134189	0,010	0,326
CHR1	3E+07	CHR1:29674674	SSF x Far_LoA	-10,8797179	0,024	0,304
CHR1	3E+07	CHR1:29685092	SSF x Far_LoA	-10,9175126	-0,005	0,303
CHR1	3E+07	CHR1:29685094	SSF x Far_LoA	-10,7617539	0,029	0,314
CHR1	3E+07	CHR1:29685096	SSF x Far_LoA	-9,96116009	-0,039	0,303
CHR1	3E+07	CHR1:29685099	SSF x Far_LoA	-7,43189903	-0,044	0,308
CHR1	3E+07	CHR1:29685101	SSF x Far_LoA	-11,3472031	0,006	0,312
CHR1	3E+07	CHR1:29685200	SSF x Far_LoA	-8,29202175	0,009	0,312
CHR1	2968852	CHR1:2968852	SSF x Far_LoA	-5,19060893	0,160	0,300
CHR1	2968883	CHR1:2968883	SSF x Far_LoA	-8,96129014	0,158	0,307
CHR1	2968919	CHR1:2968919	SSF x Far_LoA	-10,5815841	-0,017	0,316
CHR1	2968987	CHR1:2968987	SSF x Far_LoA	-10,3909385	0,006	0,312
CHR1	3E+07	CHR1:29693679	SSF x Far_LoA	-8,01352262	-0,040	0,301
CHR1	3E+07	CHR1:29693728	SSF x Far_LoA	-11,2005016	0,003	0,303
CHR1	3E+07	CHR1:29693746	SSF x Far_LoA	-8,39917567	-0,080	0,306
CHR1	3E+07	CHR1:29696328	SSF x Far_LoA	-9,9341087	0,022	0,298
CHR1	3E+07	CHR1:29696391	SSF x Far_LoA	-8,74047816	-0,044	0,307
CHR1	3E+07	CHR1:29696518	SSF x Far_LoA	-10,6393078	0,003	0,312
CHR1	3E+07	CHR1:29700321	SSF x Far_LoA	-10,1349207	-0,059	0,319
CHR1	3E+07	CHR1:29700417	SSF x Far_LoA	-8,82133589	-0,049	0,318
CHR1	3E+07	CHR1:29700418	SSF x Far_LoA	-10,1360227	0,032	0,309
CHR1	3E+07	CHR1:29702216	SSF x Far_LoA	-10,3704931	0,000	0,316
CHR1	3E+07	CHR1:29702264	SSF x Far_LoA	-10,8955529	-0,070	0,304
CHR1	3E+07	CHR1:29702359	SSF x Far_LoA	-9,39514411	0,072	0,324
CHR1	3E+07	CHR1:29702393	SSF x Far_LoA	-10,9083858	-0,013	0,302
CHR1	3E+07	CHR1:29708440	SSF x Far_LoA	-7,77897665	-0,178	0,306
CHR1	3E+07	CHR1:29708452	SSF x Far_LoA	-9,6635231	0,100	0,292
CHR1	3E+07	CHR1:29708467	SSF x Far_LoA	-1,82268863	-0,131	0,301
CHR1	3E+07	CHR1:29708497	SSF x Far_LoA	-11,4354904	-0,068	0,312
CHR1	3E+07	CHR1:29708512	SSF x Far_LoA	-10,5468708	0,007	0,327
CHR1	3E+07	CHR1:29708531	SSF x Far_LoA	-5,24685122	0,027	0,294
CHR1	3E+07	CHR1:29709855	SSF x Far_LoA	-9,49822736	-0,017	0,297
CHR1	3E+07	CHR1:29709878	SSF x Far_LoA	-11,3194292	-0,041	0,307
CHR1	3E+07	CHR1:29709908	SSF x Far_LoA	-11,7204704	0,032	0,303
CHR1	3E+07	CHR1:29717057	SSF x Far_LoA	-8,38641663	-0,037	0,317
CHR1	3E+07	CHR1:29717065	SSF x Far_LoA	-5,92836938	0,016	0,318
CHR1	3E+07	CHR1:29717066	SSF x Far_LoA	-9,9653247	0,002	0,304
CHR1	3E+07	CHR1:29717078	SSF x Far_LoA	-8,50349106	-0,001	0,320
CHR1	3E+07	CHR1:29717144	SSF x Far_LoA	-8,99580901	-0,136	0,299
CHR1	3E+07	CHR1:29720643	SSF x Far_LoA	-11,0832668	0,015	0,306
CHR1	3E+07	CHR1:29720828	SSF x Far_LoA	-10,9513748	0,023	0,309
CHR1	3E+07	CHR1:29727985	SSF x Far_LoA	-7,65024708	0,101	0,296
CHR1	3E+07	CHR1:29727989	SSF x Far_LoA	-9,67472362	0,137	0,300
CHR1	3E+07	CHR1:29728040	SSF x Far_LoA	-7,53862767	0,110	0,297
CHR1	3E+07	CHR1:29728098	SSF x Far_LoA	-9,91482022	-0,137	0,290

CHR1	3E+07	CHR1:29728103	SSF x Far_LoA	-6,47925811	-0,091	0,320
CHR1	3E+07	CHR1:29735694	SSF x Far_LoA	-10,3372602	0,042	0,307
CHR1	3E+07	CHR1:29735709	SSF x Far_LoA	-9,86963927	0,012	0,301
CHR1	3E+07	CHR1:29741251	SSF x Far_LoA	-8,32451251	0,011	0,315
CHR1	3E+07	CHR1:29741295	SSF x Far_LoA	-9,17846884	-0,042	0,324
CHR1	3E+07	CHR1:29741318	SSF x Far_LoA	-9,06729375	0,029	0,312
CHR1	3E+07	CHR1:29741336	SSF x Far_LoA	-10,273401	-0,040	0,299
CHR1	3E+07	CHR1:29741500	SSF x Far_LoA	-9,63128349	-0,036	0,305
CHR1	3E+07	CHR1:29747631	SSF x Far_LoA	-9,61360168	0,079	0,302
CHR1	3E+07	CHR1:29752331	SSF x Far_LoA	-9,07989254	0,074	0,302
CHR1	3E+07	CHR1:29752398	SSF x Far_LoA	-9,43539756	-0,021	0,310
CHR1	3E+07	CHR1:29752453	SSF x Far_LoA	-9,08437788	0,155	0,294
CHR1	3E+07	CHR1:29752460	SSF x Far_LoA	-7,46653602	0,142	0,292
CHR1	3E+07	CHR1:29752522	SSF x Far_LoA	-6,01160387	-0,146	0,308
CHR1	3E+07	CHR1:29755244	SSF x Far_LoA	-10,7468833	-0,008	0,302
CHR1	3E+07	CHR1:29755397	SSF x Far_LoA	-10,9303146	-0,038	0,300
CHR1	2975760	CHR1:2975760	SSF x Far_LoA	-8,53519728	-0,010	0,299
CHR1	2975878	CHR1:2975878	SSF x Far_LoA	-6,62569686	0,171	0,315
CHR1	3E+07	CHR1:29759110	SSF x Far_LoA	-9,82552016	0,087	0,309
CHR1	3E+07	CHR1:29759126	SSF x Far_LoA	-9,69305491	-0,043	0,311
CHR1	2975966	CHR1:2975966	SSF x Far_LoA	-9,16175978	-0,031	0,294
CHR1	3E+07	CHR1:29765619	SSF x Far_LoA	-9,08921968	0,026	0,306
CHR1	3E+07	CHR1:29765725	SSF x Far_LoA	-9,43892339	0,158	0,305
CHR1	3E+07	CHR1:29765812	SSF x Far_LoA	-10,7191045	0,034	0,296
CHR1	3E+07	CHR1:29769682	SSF x Far_LoA	-10,043545	-0,009	0,300
CHR1	3E+07	CHR1:29769714	SSF x Far_LoA	-8,29173216	0,100	0,295
CHR1	3E+07	CHR1:29769737	SSF x Far_LoA	-10,5447658	0,025	0,313
CHR1	3E+07	CHR1:29775693	SSF x Far_LoA	-10,6782704	0,011	0,314
CHR1	3E+07	CHR1:29775771	SSF x Far_LoA	-6,7649059	-0,063	0,307
CHR1	3E+07	CHR1:29775855	SSF x Far_LoA	-8,29587424	0,102	0,297
CHR1	3E+07	CHR1:29775886	SSF x Far_LoA	-9,02505958	0,089	0,301
CHR1	3E+07	CHR1:29781858	SSF x Far_LoA	-11,8312687	-0,019	0,295
CHR1	3E+07	CHR1:29782566	SSF x Far_LoA	-11,7488238	0,005	0,311
CHR1	3E+07	CHR1:29791674	SSF x Far_LoA	-8,67445626	0,042	0,296
CHR1	3E+07	CHR1:29791753	SSF x Far_LoA	-6,69426507	0,098	0,294
CHR1	3E+07	CHR1:29791754	SSF x Far_LoA	3,07940154	-0,146	0,290
CHR1	3E+07	CHR1:29791792	SSF x Far_LoA	-9,24243265	0,010	0,304
CHR1	3E+07	CHR1:29791861	SSF x Far_LoA	-7,97920227	0,102	0,318
CHR1	3E+07	CHR1:29806730	SSF x Far_LoA	-9,83611705	-0,096	0,294
CHR1	3E+07	CHR1:29806734	SSF x Far_LoA	-8,38114866	-0,047	0,298
CHR1	3E+07	CHR1:29816447	SSF x Far_LoA	-8,81616284	-0,105	0,296
CHR1	3E+07	CHR1:29816458	SSF x Far_LoA	-6,78840349	0,003	0,294
CHR1	3E+07	CHR1:29816460	SSF x Far_LoA	-8,93010523	-0,003	0,291
CHR1	3E+07	CHR1:29816482	SSF x Far_LoA	-10,3904248	-0,080	0,320
CHR1	3E+07	CHR1:29818501	SSF x Far_LoA	-10,4963895	0,019	0,309
CHR1	3E+07	CHR1:29818553	SSF x Far_LoA	-9,37948069	0,090	0,299
CHR1	3E+07	CHR1:29818566	SSF x Far_LoA	-8,83860436	0,062	0,298
CHR1	3E+07	CHR1:29827335	SSF x Far_LoA	-10,1099205	0,108	0,297
CHR1	3E+07	CHR1:29827336	SSF x Far_LoA	-10,342679	0,092	0,283
CHR1	3E+07	CHR1:29827344	SSF x Far_LoA	-9,11135466	0,059	0,305
CHR1	3E+07	CHR1:29827362	SSF x Far_LoA	-8,35134963	-0,046	0,302
CHR1	3E+07	CHR1:29827370	SSF x Far_LoA	-7,16980753	-0,038	0,302
CHR1	3E+07	CHR1:29827386	SSF x Far_LoA	-10,6943974	-0,038	0,310

CHR1	3E+07	CHR1:29828803	SSF x Far_LoA	-9,20091519	-0,019	0,301
CHR1	3E+07	CHR1:29828885	SSF x Far_LoA	-11,1820636	-0,011	0,302
CHR1	3E+07	CHR1:29828911	SSF x Far_LoA	-8,6901381	0,111	0,300
CHR1	3E+07	CHR1:29842751	SSF x Far_LoA	-8,95331442	0,028	0,294
CHR1	3E+07	CHR1:29842754	SSF x Far_LoA	-10,4823352	-0,113	0,302
CHR1	3E+07	CHR1:29842781	SSF x Far_LoA	-10,1764023	0,034	0,304
CHR1	3E+07	CHR1:29842784	SSF x Far_LoA	-9,33726948	0,013	0,306
CHR1	3E+07	CHR1:29842912	SSF x Far_LoA	-10,6871112	-0,036	0,301
CHR1	3E+07	CHR1:29842952	SSF x Far_LoA	-9,81479887	-0,088	0,309
CHR1	3E+07	CHR1:29845536	SSF x Far_LoA	-10,1807507	0,054	0,310
CHR1	3E+07	CHR1:29847633	SSF x Far_LoA	-9,63288442	0,073	0,306
CHR1	3E+07	CHR1:29847642	SSF x Far_LoA	-12,5506519	-0,004	0,295
CHR1	3E+07	CHR1:29849386	SSF x Far_LoA	-1,78509454	-0,012	0,317
CHR1	3E+07	CHR1:29849425	SSF x Far_LoA	-7,6648143	0,011	0,317
CHR1	3E+07	CHR1:29853557	SSF x Far_LoA	-7,02592901	0,091	0,297
CHR1	3E+07	CHR1:29853576	SSF x Far_LoA	-11,643404	0,021	0,287
CHR1	3E+07	CHR1:29853608	SSF x Far_LoA	-3,11350904	-0,135	0,307
CHR1	3E+07	CHR1:29858064	SSF x Far_LoA	-9,37398101	-0,088	0,318
CHR1	3E+07	CHR1:29858106	SSF x Far_LoA	-9,09062852	-0,063	0,312
CHR1	3E+07	CHR1:29861353	SSF x Far_LoA	-8,01425781	-0,001	0,311
CHR1	3E+07	CHR1:29861354	SSF x Far_LoA	-8,42980031	0,035	0,313
CHR1	3E+07	CHR1:29861461	SSF x Far_LoA	-7,16632865	-0,009	0,314
CHR1	3E+07	CHR1:29861498	SSF x Far_LoA	-9,43878248	0,062	0,302
CHR1	3E+07	CHR1:29867125	SSF x Far_LoA	-11,2177681	-0,025	0,319
CHR1	3E+07	CHR1:29867390	SSF x Far_LoA	-6,62816863	0,223	0,270
CHR1	3E+07	CHR1:29880787	SSF x Far_LoA	-9,30325184	0,154	0,294
CHR1	3E+07	CHR1:29880904	SSF x Far_LoA	-5,2030745	-0,045	0,298
CHR1	3E+07	CHR1:29886007	SSF x Far_LoA	-10,4863084	0,001	0,309
CHR1	3E+07	CHR1:29897187	SSF x Far_LoA	-8,38778409	-0,041	0,315
CHR1	3E+07	CHR1:29899959	SSF x Far_LoA	-11,2525231	-0,073	0,312
CHR1	3E+07	CHR1:29901133	SSF x Far_LoA	-8,83957378	0,079	0,291
CHR1	3E+07	CHR1:29901184	SSF x Far_LoA	-2,97039123	-0,084	0,311
CHR1	3E+07	CHR1:29901200	SSF x Far_LoA	-3,06624572	0,136	0,286
CHR1	3E+07	CHR1:29901332	SSF x Far_LoA	-9,20241261	-0,047	0,310
CHR1	2990568	CHR1:2990568	SSF x Far_LoA	-4,04521596	-0,154	0,301
CHR1	2990646	CHR1:2990646	SSF x Far_LoA	-11,209804	-0,036	0,304
CHR1	2990711	CHR1:2990711	SSF x Far_LoA	-6,59124597	0,166	0,293
CHR1	3E+07	CHR1:29907551	SSF x Far_LoA	-10,8067581	0,075	0,304
CHR1	2990777	CHR1:2990777	SSF x Far_LoA	-5,33859482	-0,028	0,316
CHR1	3E+07	CHR1:29907806	SSF x Far_LoA	-10,8156138	-0,046	0,294
CHR1	3E+07	CHR1:29918043	SSF x Far_LoA	-7,06600841	0,108	0,299
CHR1	3E+07	CHR1:29918045	SSF x Far_LoA	-8,60006602	-0,050	0,293
CHR1	3E+07	CHR1:29918092	SSF x Far_LoA	-7,95408381	-0,061	0,312
CHR1	3E+07	CHR1:29918203	SSF x Far_LoA	-10,1993474	-0,071	0,307
CHR1	3E+07	CHR1:29946256	SSF x Far_LoA	-6,53828039	-0,167	0,303
CHR1	3E+07	CHR1:29946296	SSF x Far_LoA	-9,71828628	0,093	0,307
CHR1	2998625	CHR1:2998625	SSF x Far_LoA	-9,74139934	0,043	0,304
CHR1	3E+07	CHR1:29987008	SSF x Far_LoA	-10,7536926	0,061	0,311
CHR1	3E+07	CHR1:29991014	SSF x Far_LoA	-8,70479875	-0,004	0,320
CHR1	3E+07	CHR1:29991027	SSF x Far_LoA	-9,96392788	-0,112	0,302
CHR1	3E+07	CHR1:29991190	SSF x Far_LoA	-9,63252021	0,143	0,299
CHR1	3E+07	CHR1:29992289	SSF x Far_LoA	-11,4923739	0,012	0,313
CHR1	3E+07	CHR1:29992303	SSF x Far_LoA	-5,16718363	0,050	0,298

CHR1	3E+07	CHR1:29993710	SSF x Far_LoA	-9,41069209	0,080	0,298
CHR1	3E+07	CHR1:29993719	SSF x Far_LoA	-9,93968355	0,024	0,297
CHR1	2999421	CHR1:2999421	SSF x Far_LoA	-10,9387906	-0,003	0,319
CHR1	2999433	CHR1:2999433	SSF x Far_LoA	-11,0848891	-0,064	0,315
CHR1	3E+07	CHR1:30003181	SSF x Far_LoA	-9,06638516	0,042	0,313
CHR1	3E+07	CHR1:30003297	SSF x Far_LoA	-10,3110455	-0,087	0,306
CHR1	3E+07	CHR1:30003365	SSF x Far_LoA	-12,3364479	-0,005	0,298
CHR1	3E+07	CHR1:30003366	SSF x Far_LoA	-9,81222896	-0,113	0,310
CHR1	3E+07	CHR1:30006798	SSF x Far_LoA	-1,35024916	0,201	0,294
CHR1	3E+07	CHR1:30011461	SSF x Far_LoA	-8,28479701	0,108	0,309
CHR1	3E+07	CHR1:30011464	SSF x Far_LoA	-7,51823354	0,117	0,298
CHR1	3E+07	CHR1:30012018	SSF x Far_LoA	-11,6565106	-0,009	0,292
CHR1	3E+07	CHR1:30016328	SSF x Far_LoA	-10,0487723	-0,061	0,295
CHR1	3E+07	CHR1:30016341	SSF x Far_LoA	-10,0109178	0,027	0,291
CHR1	3E+07	CHR1:30016419	SSF x Far_LoA	-9,84075257	0,011	0,297
CHR1	3E+07	CHR1:30016430	SSF x Far_LoA	-9,2803595	0,006	0,316
CHR1	3E+07	CHR1:30016440	SSF x Far_LoA	-9,82010545	0,041	0,303
CHR1	3001916	CHR1:3001916	SSF x Far_LoA	-10,2045777	-0,092	0,303
CHR1	3E+07	CHR1:30030081	SSF x Far_LoA	-10,4235175	0,056	0,309
CHR1	3E+07	CHR1:30030184	SSF x Far_LoA	-9,90498662	0,062	0,302
CHR1	3E+07	CHR1:30030287	SSF x Far_LoA	-9,82551799	-0,029	0,299
CHR1	3E+07	CHR1:30030327	SSF x Far_LoA	-11,1240109	-0,058	0,306
CHR1	3E+07	CHR1:30038502	SSF x Far_LoA	-7,82969714	0,093	0,298
CHR1	3E+07	CHR1:30038604	SSF x Far_LoA	-12,3959046	0,032	0,309
CHR1	3E+07	CHR1:30041284	SSF x Far_LoA	-7,20603411	0,149	0,303
CHR1	3E+07	CHR1:30043227	SSF x Far_LoA	-6,58222649	-0,170	0,311
CHR1	3E+07	CHR1:30043253	SSF x Far_LoA	-8,14003805	0,029	0,308
CHR1	3E+07	CHR1:30043281	SSF x Far_LoA	-9,33088589	-0,053	0,295
CHR1	3E+07	CHR1:30043294	SSF x Far_LoA	-11,4706672	0,061	0,293
CHR1	3E+07	CHR1:30060484	SSF x Far_LoA	-8,4231458	-0,042	0,298
CHR1	3E+07	CHR1:30060548	SSF x Far_LoA	-9,46390414	0,007	0,298
CHR1	3E+07	CHR1:30060627	SSF x Far_LoA	-8,37830419	0,094	0,315
CHR1	3E+07	CHR1:30060676	SSF x Far_LoA	-9,30431259	-0,052	0,312
CHR1	3E+07	CHR1:30063733	SSF x Far_LoA	-10,8016634	0,086	0,295
CHR1	3006435	CHR1:3006435	SSF x Far_LoA	-9,79139132	-0,020	0,293
CHR1	3006562	CHR1:3006562	SSF x Far_LoA	-10,0674981	-0,040	0,312
CHR1	3006636	CHR1:3006636	SSF x Far_LoA	-9,88028313	-0,024	0,304
CHR1	3E+07	CHR1:30066941	SSF x Far_LoA	-10,1072386	0,036	0,303
CHR1	3E+07	CHR1:30069572	SSF x Far_LoA	-9,21882929	-0,019	0,312
CHR1	3E+07	CHR1:30069578	SSF x Far_LoA	-11,2408045	0,039	0,298
CHR1	3E+07	CHR1:30076826	SSF x Far_LoA	-11,3345298	0,090	0,304
CHR1	3E+07	CHR1:30076938	SSF x Far_LoA	-10,6385821	-0,066	0,298
CHR1	3E+07	CHR1:30076989	SSF x Far_LoA	-8,13907988	0,099	0,314
CHR1	3E+07	CHR1:30076992	SSF x Far_LoA	-6,13962391	-0,128	0,321
CHR1	3E+07	CHR1:30086100	SSF x Far_LoA	-8,5895767	0,139	0,299
CHR1	3008707	CHR1:3008707	SSF x Far_LoA	-6,79661859	-0,027	0,315
CHR1	3008741	CHR1:3008741	SSF x Far_LoA	-8,56089547	0,014	0,316
CHR1	3008789	CHR1:3008789	SSF x Far_LoA	-8,990799	-0,010	0,299
CHR1	3008799	CHR1:3008799	SSF x Far_LoA	-9,46133327	-0,085	0,308
CHR1	3008888	CHR1:3008888	SSF x Far_LoA	-9,87174065	-0,055	0,294
CHR1	3E+07	CHR1:30091368	SSF x Far_LoA	-6,56643866	0,106	0,294
CHR1	3E+07	CHR1:30099550	SSF x Far_LoA	-8,17257144	-0,096	0,310
CHR1	3E+07	CHR1:30099716	SSF x Far_LoA	-10,771272	0,065	0,313

CHR1	3E+07	CHR1:30099790	SSF x Far_LoA	-9,98727476	0,153	0,308
CHR1	3011462	CHR1:3011462	SSF x Far_LoA	-11,0653219	0,056	0,298
CHR1	3E+07	CHR1:30114762	SSF x Far_LoA	-8,85978186	-0,060	0,313
CHR1	3E+07	CHR1:30114781	SSF x Far_LoA	-9,87907655	0,006	0,300
CHR1	3E+07	CHR1:30114791	SSF x Far_LoA	-10,0100245	-0,113	0,313
CHR1	3E+07	CHR1:30114793	SSF x Far_LoA	-10,6275857	0,081	0,294
CHR1	3E+07	CHR1:30114817	SSF x Far_LoA	-8,60173392	-0,023	0,310
CHR1	3E+07	CHR1:30114827	SSF x Far_LoA	-11,4805849	-0,032	0,307
CHR1	3E+07	CHR1:30114845	SSF x Far_LoA	-8,53413766	0,084	0,302
CHR1	3E+07	CHR1:30114883	SSF x Far_LoA	-7,89544656	-0,120	0,298
CHR1	3E+07	CHR1:30114896	SSF x Far_LoA	-12,6277671	0,045	0,290
CHR1	3E+07	CHR1:30116392	SSF x Far_LoA	-5,33809785	0,157	0,298
CHR1	3E+07	CHR1:30122479	SSF x Far_LoA	-4,93500829	0,047	0,315
CHR1	3E+07	CHR1:30124774	SSF x Far_LoA	-8,70055007	-0,011	0,307
CHR1	3E+07	CHR1:30124775	SSF x Far_LoA	-11,0903915	-0,059	0,304
CHR1	3E+07	CHR1:30132252	SSF x Far_LoA	-8,01820665	0,112	0,296
CHR1	3E+07	CHR1:30132552	SSF x Far_LoA	-10,9013273	-0,024	0,299
CHR1	3E+07	CHR1:30132557	SSF x Far_LoA	-3,95647166	-0,105	0,287
CHR1	3E+07	CHR1:30142879	SSF x Far_LoA	-11,2526172	0,059	0,314
CHR1	3E+07	CHR1:30143015	SSF x Far_LoA	-8,17965293	-0,059	0,307
CHR1	3E+07	CHR1:30143017	SSF x Far_LoA	-7,69343236	-0,126	0,299
CHR1	3E+07	CHR1:30143049	SSF x Far_LoA	-7,55947562	-0,055	0,301
CHR1	3015172	CHR1:3015172	SSF x Far_LoA	-5,73659207	-0,093	0,315
CHR1	3E+07	CHR1:30152843	SSF x Far_LoA	-8,44437487	0,053	0,308
CHR1	3E+07	CHR1:30152856	SSF x Far_LoA	-10,4347974	0,045	0,312
CHR1	3E+07	CHR1:30153748	SSF x Far_LoA	-10,5189594	0,003	0,305
CHR1	3E+07	CHR1:30153789	SSF x Far_LoA	-9,64368288	-0,061	0,298
CHR1	3E+07	CHR1:30153800	SSF x Far_LoA	-9,93718611	0,080	0,309
CHR1	3E+07	CHR1:30158908	SSF x Far_LoA	-10,841458	-0,044	0,298
CHR1	3E+07	CHR1:30158936	SSF x Far_LoA	-8,77094143	0,085	0,319
CHR1	3E+07	CHR1:30158953	SSF x Far_LoA	-9,33930699	0,063	0,318
CHR1	3E+07	CHR1:30159042	SSF x Far_LoA	-8,34825565	0,047	0,314
CHR1	3E+07	CHR1:30166016	SSF x Far_LoA	-5,95044375	0,143	0,300
CHR1	3E+07	CHR1:30169220	SSF x Far_LoA	-7,80469952	-0,052	0,313
CHR1	3E+07	CHR1:30169260	SSF x Far_LoA	-10,0953868	0,061	0,318
CHR1	3E+07	CHR1:30169277	SSF x Far_LoA	-7,44622223	-0,055	0,316
CHR1	3E+07	CHR1:30170395	SSF x Far_LoA	-10,2614738	-0,035	0,298
CHR1	3E+07	CHR1:30170480	SSF x Far_LoA	-7,17673153	-0,013	0,316
CHR1	3E+07	CHR1:30175758	SSF x Far_LoA	3,38462184	-0,049	0,324
CHR1	3E+07	CHR1:30177557	SSF x Far_LoA	-9,73278672	0,003	0,318
CHR1	3E+07	CHR1:30177634	SSF x Far_LoA	-9,43172495	-0,026	0,315
CHR1	3E+07	CHR1:30177637	SSF x Far_LoA	-10,1749086	-0,096	0,297
CHR1	3E+07	CHR1:30177643	SSF x Far_LoA	-9,899275	0,018	0,306
CHR1	3E+07	CHR1:30185243	SSF x Far_LoA	-6,9590131	-0,173	0,297
CHR1	3019094	CHR1:3019094	SSF x Far_LoA	-8,48871503	0,022	0,317
CHR1	3019219	CHR1:3019219	SSF x Far_LoA	-9,75200108	-0,087	0,298
CHR1	3E+07	CHR1:30199933	SSF x Far_LoA	-8,16680661	-0,011	0,310
CHR1	3E+07	CHR1:30214217	SSF x Far_LoA	-9,7601776	0,010	0,319
CHR1	3E+07	CHR1:30214300	SSF x Far_LoA	-10,9451004	-0,015	0,312
CHR1	3E+07	CHR1:30214322	SSF x Far_LoA	-9,16753928	-0,058	0,299
CHR1	3E+07	CHR1:30218950	SSF x Far_LoA	-9,22630101	0,040	0,304
CHR1	3E+07	CHR1:30218956	SSF x Far_LoA	-7,08919257	0,037	0,318
CHR1	3E+07	CHR1:30219013	SSF x Far_LoA	-12,4587204	-0,015	0,303

CHR1	3E+07	CHR1:30219945	SSF x Far_LoA	-11,7137672	0,028	0,290
CHR1	3E+07	CHR1:30219983	SSF x Far_LoA	-7,60935802	-0,190	0,300
CHR1	3E+07	CHR1:30220020	SSF x Far_LoA	-10,7354911	0,045	0,304
CHR1	3E+07	CHR1:30220048	SSF x Far_LoA	-7,0645625	0,102	0,307
CHR1	3E+07	CHR1:30224056	SSF x Far_LoA	-11,2429051	0,028	0,295
CHR1	3E+07	CHR1:30224068	SSF x Far_LoA	-7,54682672	-0,008	0,306
CHR1	3E+07	CHR1:30233842	SSF x Far_LoA	-11,708431	-0,059	0,304
CHR1	3E+07	CHR1:30250618	SSF x Far_LoA	-10,1877134	-0,043	0,299
CHR1	3E+07	CHR1:30250701	SSF x Far_LoA	-10,3315024	-0,069	0,301
CHR1	3E+07	CHR1:30250874	SSF x Far_LoA	-8,76024827	0,076	0,307
CHR1	3E+07	CHR1:30261391	SSF x Far_LoA	-10,3541774	0,004	0,308
CHR1	3E+07	CHR1:30261470	SSF x Far_LoA	-10,1694549	-0,079	0,298
CHR1	3E+07	CHR1:30261510	SSF x Far_LoA	-8,4323776	0,026	0,310
CHR1	3E+07	CHR1:30261517	SSF x Far_LoA	-8,22614991	-0,150	0,306
CHR1	3E+07	CHR1:30272479	SSF x Far_LoA	-9,14613296	-0,044	0,323
CHR1	3E+07	CHR1:30284475	SSF x Far_LoA	-11,1969315	-0,056	0,292
CHR1	3E+07	CHR1:30284481	SSF x Far_LoA	-6,17962733	-0,101	0,303
CHR1	3E+07	CHR1:30296173	SSF x Far_LoA	-10,6402278	-0,029	0,304
CHR1	3E+07	CHR1:30296177	SSF x Far_LoA	-6,50689095	0,119	0,302
CHR1	3E+07	CHR1:30297390	SSF x Far_LoA	-7,94678677	-0,004	0,306
CHR1	3E+07	CHR1:30300176	SSF x Far_LoA	-8,78795425	0,144	0,296
CHR1	3E+07	CHR1:30300278	SSF x Far_LoA	-7,9918879	-0,110	0,303
CHR1	3E+07	CHR1:30300331	SSF x Far_LoA	-11,106621	-0,057	0,294
CHR1	3E+07	CHR1:30300367	SSF x Far_LoA	-10,9471837	-0,006	0,313
CHR1	3E+07	CHR1:30300372	SSF x Far_LoA	-10,3054889	0,030	0,303
CHR1	3E+07	CHR1:30300395	SSF x Far_LoA	-11,7827584	-0,055	0,312
CHR1	3E+07	CHR1:30317926	SSF x Far_LoA	-8,13253872	-0,042	0,309
CHR1	3E+07	CHR1:30317958	SSF x Far_LoA	-1,63132401	-0,026	0,309
CHR1	3E+07	CHR1:30328989	SSF x Far_LoA	-7,96666935	-0,149	0,304
CHR1	3E+07	CHR1:30329136	SSF x Far_LoA	-11,2275696	-0,054	0,311
CHR1	3E+07	CHR1:30336471	SSF x Far_LoA	-10,163054	0,041	0,296
CHR1	3E+07	CHR1:30336552	SSF x Far_LoA	-6,59675613	-0,121	0,277
CHR1	3E+07	CHR1:30338624	SSF x Far_LoA	-11,2230925	0,069	0,299
CHR1	3E+07	CHR1:30338765	SSF x Far_LoA	-10,5746072	-0,037	0,310
CHR1	3034378	CHR1:3034378	SSF x Far_LoA	-9,63715172	0,035	0,314
CHR1	3034379	CHR1:3034379	SSF x Far_LoA	-12,1009122	0,004	0,301
CHR1	3E+07	CHR1:30345756	SSF x Far_LoA	-10,368053	0,038	0,296
CHR1	3E+07	CHR1:30345784	SSF x Far_LoA	-6,37580132	0,169	0,292
CHR1	3E+07	CHR1:30345808	SSF x Far_LoA	-8,37862256	0,002	0,296
CHR1	3E+07	CHR1:30345829	SSF x Far_LoA	-8,16604025	-0,068	0,298
CHR1	3E+07	CHR1:30353522	SSF x Far_LoA	-9,82059996	0,029	0,303
CHR1	3E+07	CHR1:30353584	SSF x Far_LoA	-10,2537661	-0,055	0,298
CHR1	3E+07	CHR1:30353590	SSF x Far_LoA	-9,01409921	-0,068	0,301
CHR1	3E+07	CHR1:30353612	SSF x Far_LoA	-8,09951188	0,014	0,308
CHR1	3E+07	CHR1:30353615	SSF x Far_LoA	-7,3454449	-0,017	0,298
CHR1	3E+07	CHR1:30356708	SSF x Far_LoA	-11,6343974	0,004	0,318
CHR1	3E+07	CHR1:30376304	SSF x Far_LoA	-11,1826109	0,017	0,307
CHR1	3E+07	CHR1:30376306	SSF x Far_LoA	-8,65084619	0,078	0,312
CHR1	3E+07	CHR1:30376329	SSF x Far_LoA	-7,06146865	-0,126	0,299
CHR1	3E+07	CHR1:30382233	SSF x Far_LoA	-11,3933785	0,041	0,310
CHR1	3E+07	CHR1:30382236	SSF x Far_LoA	-10,3582142	0,046	0,318
CHR1	3E+07	CHR1:30382290	SSF x Far_LoA	-8,20645801	-0,040	0,322
CHR1	3E+07	CHR1:30383176	SSF x Far_LoA	-8,08785271	-0,110	0,299

CHR1	3E+07	CHR1:30383274	SSF x Far_LoA	-9,80821861	-0,083	0,312
CHR1	3E+07	CHR1:30391345	SSF x Far_LoA	-6,24201301	-0,006	0,315
CHR1	3E+07	CHR1:30399671	SSF x Far_LoA	-9,59432983	-0,145	0,300
CHR1	3040102	CHR1:3040102	SSF x Far_LoA	-8,99648091	-0,103	0,295
CHR1	3040221	CHR1:3040221	SSF x Far_LoA	-10,6013288	0,066	0,301
CHR1	3E+07	CHR1:30404805	SSF x Far_LoA	-7,1233134	0,113	0,299
CHR1	3E+07	CHR1:30407031	SSF x Far_LoA	-9,54679362	-0,079	0,298
CHR1	3E+07	CHR1:30407114	SSF x Far_LoA	-8,5061076	-0,150	0,292
CHR1	3E+07	CHR1:30407163	SSF x Far_LoA	-10,8920514	-0,028	0,316
CHR1	3E+07	CHR1:30407181	SSF x Far_LoA	-10,0677555	-0,006	0,304
CHR1	3E+07	CHR1:30407208	SSF x Far_LoA	-10,6405672	0,045	0,313
CHR1	3E+07	CHR1:30409814	SSF x Far_LoA	-9,36124876	0,053	0,318
CHR1	3E+07	CHR1:30410294	SSF x Far_LoA	-9,66058116	-0,100	0,312
CHR1	3E+07	CHR1:30411494	SSF x Far_LoA	-10,4330046	0,009	0,302
CHR1	3E+07	CHR1:30411807	SSF x Far_LoA	-9,38858116	-0,104	0,306
CHR1	3E+07	CHR1:30411814	SSF x Far_LoA	-9,55522436	0,077	0,295
CHR1	3E+07	CHR1:30411818	SSF x Far_LoA	-9,3646763	-0,052	0,308
CHR1	3E+07	CHR1:30411821	SSF x Far_LoA	-7,57274176	0,002	0,302
CHR1	3E+07	CHR1:30411873	SSF x Far_LoA	-9,50654839	-0,075	0,304
CHR1	3E+07	CHR1:30416962	SSF x Far_LoA	-10,9591453	0,079	0,302
CHR1	3E+07	CHR1:30417034	SSF x Far_LoA	-7,86718342	0,102	0,312
CHR1	3E+07	CHR1:30418564	SSF x Far_LoA	-10,1949132	-0,086	0,301
CHR1	3E+07	CHR1:30419208	SSF x Far_LoA	-9,41942445	0,044	0,303
CHR1	3E+07	CHR1:30419243	SSF x Far_LoA	-8,62493991	-0,186	0,292
CHR1	3E+07	CHR1:30429116	SSF x Far_LoA	-11,5753389	-0,017	0,302
CHR1	3E+07	CHR1:30429119	SSF x Far_LoA	-9,00304621	-0,099	0,303
CHR1	3E+07	CHR1:30429127	SSF x Far_LoA	-9,95638063	0,035	0,297
CHR1	3043399	CHR1:3043399	SSF x Far_LoA	-4,85240297	0,194	0,301
CHR1	3043449	CHR1:3043449	SSF x Far_LoA	-10,3765656	-0,047	0,300
CHR1	3043450	CHR1:3043450	SSF x Far_LoA	-10,1383145	0,022	0,308
CHR1	3043501	CHR1:3043501	SSF x Far_LoA	-11,6759239	-0,014	0,297
CHR1	3043569	CHR1:3043569	SSF x Far_LoA	-9,56776922	0,000	0,313
CHR1	3043570	CHR1:3043570	SSF x Far_LoA	-9,26411383	-0,002	0,318
CHR1	3043601	CHR1:3043601	SSF x Far_LoA	-9,68870819	-0,106	0,313
CHR1	3043606	CHR1:3043606	SSF x Far_LoA	-9,05304913	0,023	0,308
CHR1	3E+07	CHR1:30437095	SSF x Far_LoA	-11,0958842	0,007	0,303
CHR1	3E+07	CHR1:30437122	SSF x Far_LoA	-9,16950595	0,030	0,300
CHR1	3E+07	CHR1:30437168	SSF x Far_LoA	-9,0976699	0,059	0,309
CHR1	3E+07	CHR1:30437171	SSF x Far_LoA	-8,85929683	0,059	0,300
CHR1	3E+07	CHR1:30437241	SSF x Far_LoA	-10,7399559	0,011	0,302
CHR1	3E+07	CHR1:30448702	SSF x Far_LoA	-7,7469733	-0,111	0,312
CHR1	3E+07	CHR1:30449959	SSF x Far_LoA	-9,9193976	-0,045	0,305
CHR1	3E+07	CHR1:30450029	SSF x Far_LoA	-9,34650955	-0,026	0,297
CHR1	3E+07	CHR1:30450030	SSF x Far_LoA	-7,97216455	-0,021	0,308
CHR1	3E+07	CHR1:30450080	SSF x Far_LoA	-11,9375123	0,013	0,325
CHR1	3E+07	CHR1:30453007	SSF x Far_LoA	-8,53346763	0,058	0,321
CHR1	3E+07	CHR1:30453042	SSF x Far_LoA	-10,5709593	-0,030	0,320
CHR1	3E+07	CHR1:30454736	SSF x Far_LoA	-0,13243897	-0,123	0,316
CHR1	3E+07	CHR1:30454802	SSF x Far_LoA	-9,39157819	-0,006	0,301
CHR1	3E+07	CHR1:30454916	SSF x Far_LoA	-9,03043791	-0,059	0,297
CHR1	3045547	CHR1:3045547	SSF x Far_LoA	-9,96249784	0,046	0,299
CHR1	3045618	CHR1:3045618	SSF x Far_LoA	-11,4203454	-0,020	0,300
CHR1	3E+07	CHR1:30457427	SSF x Far_LoA	-11,6478062	-0,039	0,303

CHR1	3E+07	CHR1:30464308	SSF x Far_LoA	-8,5451545	0,023	0,312
CHR1	3E+07	CHR1:30464371	SSF x Far_LoA	-10,3703528	-0,046	0,306
CHR1	3E+07	CHR1:30464829	SSF x Far_LoA	-6,83162109	0,079	0,303
CHR1	3E+07	CHR1:30477062	SSF x Far_LoA	-10,3680257	0,057	0,300
CHR1	3E+07	CHR1:30477128	SSF x Far_LoA	-11,0025517	-0,054	0,307
CHR1	3E+07	CHR1:30484767	SSF x Far_LoA	-10,2683771	-0,011	0,305
CHR1	3E+07	CHR1:30484769	SSF x Far_LoA	-10,7668461	-0,039	0,290
CHR1	3E+07	CHR1:30484876	SSF x Far_LoA	-11,6595654	0,031	0,311
CHR1	30519848	CHR1:30519848	SSF x Far_LoA	-11,2935573	0,024	0,312
CHR1	30519943	CHR1:30519943	SSF x Far_LoA	-11,0984408	0,016	0,306
CHR1	30520068	CHR1:30520068	SSF x Far_LoA	-8,80591827	0,098	0,296
CHR1	30520152	CHR1:30520152	SSF x Far_LoA	-10,4718058	0,050	0,295
CHR1	30523624	CHR1:30523624	SSF x Far_LoA	-10,35652	-0,126	0,303
CHR1	30523673	CHR1:30523673	SSF x Far_LoA	-8,72395378	-0,020	0,325
CHR1	30530541	CHR1:30530541	SSF x Far_LoA	-10,9040796	0,021	0,311
CHR1	30530609	CHR1:30530609	SSF x Far_LoA	-9,8252213	-0,046	0,297
CHR1	30530610	CHR1:30530610	SSF x Far_LoA	-7,77415103	-0,132	0,302
CHR1	30530625	CHR1:30530625	SSF x Far_LoA	-8,06652383	-0,058	0,296
CHR1	30530627	CHR1:30530627	SSF x Far_LoA	-9,20060244	0,047	0,298
CHR1	30530645	CHR1:30530645	SSF x Far_LoA	-9,55225825	-0,004	0,310
CHR1	30550524	CHR1:30550524	SSF x Far_LoA	-8,25806055	-0,018	0,312
CHR1	30550528	CHR1:30550528	SSF x Far_LoA	-11,1031365	0,018	0,312
CHR1	30550606	CHR1:30550606	SSF x Far_LoA	-10,1337985	0,123	0,299
CHR1	30550613	CHR1:30550613	SSF x Far_LoA	-8,64265963	-0,034	0,300
CHR1	30550645	CHR1:30550645	SSF x Far_LoA	-10,0940405	0,068	0,310
CHR1	30561474	CHR1:30561474	SSF x Far_LoA	-11,8982148	-0,129	0,295
CHR1	30561500	CHR1:30561500	SSF x Far_LoA	-10,4236313	0,137	0,296
CHR1	30561618	CHR1:30561618	SSF x Far_LoA	-9,8443337	-0,093	0,312
CHR1	30561640	CHR1:30561640	SSF x Far_LoA	-10,7715478	0,057	0,310
CHR1	30561645	CHR1:30561645	SSF x Far_LoA	-9,11530462	0,057	0,316
CHR1	30561684	CHR1:30561684	SSF x Far_LoA	-8,83148455	-0,076	0,300
CHR1	30573017	CHR1:30573017	SSF x Far_LoA	-5,90985871	0,107	0,299
CHR1	30573036	CHR1:30573036	SSF x Far_LoA	-9,18471263	0,134	0,293
CHR1	30573055	CHR1:30573055	SSF x Far_LoA	-10,5240395	0,066	0,306
CHR1	30573265	CHR1:30573265	SSF x Far_LoA	-11,4409381	0,060	0,292
CHR1	30576590	CHR1:30576590	SSF x Far_LoA	-7,77093594	0,006	0,309
CHR1	30576611	CHR1:30576611	SSF x Far_LoA	-7,64131179	-0,058	0,302
CHR1	30576786	CHR1:30576786	SSF x Far_LoA	-8,8364314	-0,037	0,311
CHR1	30583299	CHR1:30583299	SSF x Far_LoA	-6,07991436	-0,142	0,303
CHR1	30583353	CHR1:30583353	SSF x Far_LoA	-10,3571572	-0,002	0,313
CHR1	30583404	CHR1:30583404	SSF x Far_LoA	-6,62727008	-0,156	0,291
CHR1	30583469	CHR1:30583469	SSF x Far_LoA	-6,48546361	-0,153	0,309
CHR1	30590866	CHR1:30590866	SSF x Far_LoA	-9,71278174	0,045	0,300
CHR1	30590881	CHR1:30590881	SSF x Far_LoA	-10,6132119	0,041	0,309
CHR1	30591193	CHR1:30591193	SSF x Far_LoA	-8,20439368	-0,180	0,306
CHR1	30593391	CHR1:30593391	SSF x Far_LoA	-3,14626873	0,193	0,301
CHR1	30593419	CHR1:30593419	SSF x Far_LoA	-7,56192792	-0,144	0,303
CHR1	30593448	CHR1:30593448	SSF x Far_LoA	-8,41785709	-0,013	0,309
CHR1	30593459	CHR1:30593459	SSF x Far_LoA	-9,21358893	-0,013	0,318
CHR1	30594892	CHR1:30594892	SSF x Far_LoA	-10,822701	-0,062	0,315
CHR1	30595090	CHR1:30595090	SSF x Far_LoA	-8,70119625	0,019	0,307
CHR1	30597223	CHR1:30597223	SSF x Far_LoA	-10,2865197	-0,014	0,301
CHR1	30597245	CHR1:30597245	SSF x Far_LoA	-10,8834917	0,011	0,315

CHR1	30597270	CHR1:30597270	SSF x Far_LoA	-11,0121215	0,010	0,310
CHR1	30597272	CHR1:30597272	SSF x Far_LoA	-9,25513935	0,051	0,312
CHR1	30597284	CHR1:30597284	SSF x Far_LoA	-9,92525078	0,055	0,303
CHR1	30597291	CHR1:30597291	SSF x Far_LoA	-7,51243408	-0,022	0,313
CHR1	30597305	CHR1:30597305	SSF x Far_LoA	-9,24579563	-0,053	0,322
CHR1	30597312	CHR1:30597312	SSF x Far_LoA	-10,907919	0,064	0,297
CHR1	30602531	CHR1:30602531	SSF x Far_LoA	1,34262453	-0,135	0,303
CHR1	30602592	CHR1:30602592	SSF x Far_LoA	-11,3062697	0,125	0,294
CHR1	30603106	CHR1:30603106	SSF x Far_LoA	-10,4689141	0,042	0,305
CHR1	30604362	CHR1:30604362	SSF x Far_LoA	-9,42533004	0,095	0,303
CHR1	30604374	CHR1:30604374	SSF x Far_LoA	-7,72191186	0,075	0,293
CHR1	30604452	CHR1:30604452	SSF x Far_LoA	-10,0791763	-0,036	0,313
CHR1	30604543	CHR1:30604543	SSF x Far_LoA	-8,98605807	-0,040	0,295
CHR1	30604596	CHR1:30604596	SSF x Far_LoA	-8,17648615	-0,088	0,313
CHR1	30614189	CHR1:30614189	SSF x Far_LoA	-8,28981545	-0,055	0,310
CHR1	3061519	CHR1:3061519	SSF x Far_LoA	-10,9385641	0,057	0,301
CHR1	30623352	CHR1:30623352	SSF x Far_LoA	-10,4631382	0,007	0,319
CHR1	30623356	CHR1:30623356	SSF x Far_LoA	-11,4812124	0,073	0,303
CHR1	30623455	CHR1:30623455	SSF x Far_LoA	-10,8643213	-0,007	0,313
CHR1	30644575	CHR1:30644575	SSF x Far_LoA	-9,50239188	-0,091	0,309
CHR1	30644614	CHR1:30644614	SSF x Far_LoA	-9,72239002	-0,066	0,304
CHR1	30644651	CHR1:30644651	SSF x Far_LoA	-9,73763552	-0,053	0,315
CHR1	30644677	CHR1:30644677	SSF x Far_LoA	-9,46687112	-0,013	0,304
CHR1	30644682	CHR1:30644682	SSF x Far_LoA	-10,8067503	0,056	0,312
CHR1	30645364	CHR1:30645364	SSF x Far_LoA	-11,2461499	-0,015	0,293
CHR1	30645366	CHR1:30645366	SSF x Far_LoA	-10,3950078	0,054	0,302
CHR1	30651669	CHR1:30651669	SSF x Far_LoA	-7,78834961	-0,119	0,310
CHR1	30651733	CHR1:30651733	SSF x Far_LoA	-9,06364809	0,002	0,315
CHR1	30651821	CHR1:30651821	SSF x Far_LoA	-9,25537848	0,105	0,309
CHR1	30655048	CHR1:30655048	SSF x Far_LoA	-9,20360801	0,111	0,301
CHR1	30655073	CHR1:30655073	SSF x Far_LoA	-11,0462661	0,015	0,305
CHR1	30655084	CHR1:30655084	SSF x Far_LoA	3,90903738	0,115	0,292
CHR1	30655176	CHR1:30655176	SSF x Far_LoA	-8,92891799	-0,069	0,302
CHR1	30655230	CHR1:30655230	SSF x Far_LoA	-9,44245528	0,143	0,296
CHR1	3066133	CHR1:3066133	SSF x Far_LoA	-3,62228053	0,103	0,325
CHR1	30664762	CHR1:30664762	SSF x Far_LoA	-4,5172268	-0,069	0,311
CHR1	30664852	CHR1:30664852	SSF x Far_LoA	-8,55218985	-0,043	0,312
CHR1	30670140	CHR1:30670140	SSF x Far_LoA	-11,0648082	0,023	0,309
CHR1	30670189	CHR1:30670189	SSF x Far_LoA	-10,1126999	0,030	0,292
CHR1	30670201	CHR1:30670201	SSF x Far_LoA	-11,500204	0,005	0,304
CHR1	30673597	CHR1:30673597	SSF x Far_LoA	-10,5065137	-0,104	0,307
CHR1	30674887	CHR1:30674887	SSF x Far_LoA	-9,50269085	0,066	0,300
CHR1	30674889	CHR1:30674889	SSF x Far_LoA	-8,36721563	-0,087	0,311
CHR1	30674937	CHR1:30674937	SSF x Far_LoA	3,07602793	-0,058	0,304
CHR1	30674981	CHR1:30674981	SSF x Far_LoA	-11,7425926	0,020	0,310
CHR1	30677072	CHR1:30677072	SSF x Far_LoA	-11,3017103	0,005	0,317
CHR1	30684171	CHR1:30684171	SSF x Far_LoA	-9,0153619	-0,161	0,298
CHR1	30698032	CHR1:30698032	SSF x Far_LoA	-9,74719585	-0,116	0,311
CHR1	30698119	CHR1:30698119	SSF x Far_LoA	-8,8248054	-0,053	0,300
CHR1	30698147	CHR1:30698147	SSF x Far_LoA	-9,41050927	-0,015	0,309
CHR1	30698148	CHR1:30698148	SSF x Far_LoA	-9,7003741	-0,003	0,310
CHR1	30698184	CHR1:30698184	SSF x Far_LoA	-8,96233743	-0,049	0,315
CHR1	30699918	CHR1:30699918	SSF x Far_LoA	-9,13555947	-0,012	0,294

CHR1	30704037	CHR1:30704037	SSF x Far_LoA	-9,6683271	0,055	0,301
CHR1	30704098	CHR1:30704098	SSF x Far_LoA	-9,03641872	-0,038	0,312
CHR1	30704295	CHR1:30704295	SSF x Far_LoA	-7,01337388	0,177	0,291
CHR1	30704320	CHR1:30704320	SSF x Far_LoA	-7,34955464	-0,091	0,296
CHR1	30704367	CHR1:30704367	SSF x Far_LoA	-10,6255774	-0,076	0,308
CHR1	30710980	CHR1:30710980	SSF x Far_LoA	-9,83756775	-0,132	0,305
CHR1	30712182	CHR1:30712182	SSF x Far_LoA	-10,172522	0,078	0,307
CHR1	30712206	CHR1:30712206	SSF x Far_LoA	-10,5851419	-0,054	0,312
CHR1	30712313	CHR1:30712313	SSF x Far_LoA	-8,21243191	0,090	0,295
CHR1	30713823	CHR1:30713823	SSF x Far_LoA	-10,2838998	-0,096	0,309
CHR1	30713824	CHR1:30713824	SSF x Far_LoA	-8,38688356	0,161	0,295
CHR1	30713839	CHR1:30713839	SSF x Far_LoA	-6,31774534	0,163	0,307
CHR1	30713874	CHR1:30713874	SSF x Far_LoA	-11,883348	-0,067	0,301
CHR1	30718428	CHR1:30718428	SSF x Far_LoA	-10,3249851	0,060	0,308
CHR1	30718480	CHR1:30718480	SSF x Far_LoA	-4,69783885	0,085	0,312
CHR1	30718562	CHR1:30718562	SSF x Far_LoA	-12,1426608	0,032	0,304
CHR1	30718665	CHR1:30718665	SSF x Far_LoA	-10,7198636	-0,001	0,315
CHR1	30721291	CHR1:30721291	SSF x Far_LoA	-5,79233823	-0,111	0,286
CHR1	30721354	CHR1:30721354	SSF x Far_LoA	-9,0664942	-0,005	0,304
CHR1	30726648	CHR1:30726648	SSF x Far_LoA	-9,71164962	-0,042	0,309
CHR1	30726713	CHR1:30726713	SSF x Far_LoA	-10,7133294	0,032	0,318
CHR1	30730150	CHR1:30730150	SSF x Far_LoA	-7,96120657	-0,095	0,311
CHR1	30730153	CHR1:30730153	SSF x Far_LoA	-9,32649199	-0,021	0,301
CHR1	30730233	CHR1:30730233	SSF x Far_LoA	-9,5179434	-0,125	0,302
CHR1	30730294	CHR1:30730294	SSF x Far_LoA	-4,94232416	0,170	0,303
CHR1	30731595	CHR1:30731595	SSF x Far_LoA	-7,98662118	0,099	0,304
CHR1	30731794	CHR1:30731794	SSF x Far_LoA	-9,55369081	-0,003	0,318
CHR1	30732990	CHR1:30732990	SSF x Far_LoA	-2,07164766	-0,231	0,297
CHR1	30733005	CHR1:30733005	SSF x Far_LoA	-9,87482317	0,024	0,303
CHR1	30733053	CHR1:30733053	SSF x Far_LoA	-10,7291193	-0,060	0,307
CHR1	30733085	CHR1:30733085	SSF x Far_LoA	-9,15512636	0,012	0,302
CHR1	30735585	CHR1:30735585	SSF x Far_LoA	-9,47530416	-0,003	0,317
CHR1	30735612	CHR1:30735612	SSF x Far_LoA	-9,54369222	-0,110	0,292
CHR1	30735641	CHR1:30735641	SSF x Far_LoA	-8,89338831	-0,102	0,298
CHR1	30742699	CHR1:30742699	SSF x Far_LoA	-8,35500671	0,114	0,311
CHR1	30742774	CHR1:30742774	SSF x Far_LoA	-11,6440399	0,034	0,300
CHR1	30742794	CHR1:30742794	SSF x Far_LoA	-9,0458303	0,027	0,305
CHR1	30747180	CHR1:30747180	SSF x Far_LoA	-10,8815903	0,061	0,301
CHR1	30749343	CHR1:30749343	SSF x Far_LoA	-3,68602694	-0,182	0,301
CHR1	30749371	CHR1:30749371	SSF x Far_LoA	-9,62757682	0,005	0,296
CHR1	30749419	CHR1:30749419	SSF x Far_LoA	-9,80928462	0,035	0,298
CHR1	30760995	CHR1:30760995	SSF x Far_LoA	-7,82780492	0,026	0,321
CHR1	30761032	CHR1:30761032	SSF x Far_LoA	-9,06871408	-0,105	0,296
CHR1	30761153	CHR1:30761153	SSF x Far_LoA	-11,5038453	0,042	0,312
CHR1	30765587	CHR1:30765587	SSF x Far_LoA	-1,60081624	0,148	0,295
CHR1	30768203	CHR1:30768203	SSF x Far_LoA	-8,3055347	-0,019	0,317
CHR1	30768251	CHR1:30768251	SSF x Far_LoA	-3,89219771	0,115	0,304
CHR1	30771053	CHR1:30771053	SSF x Far_LoA	-11,0621846	0,014	0,305
CHR1	30771204	CHR1:30771204	SSF x Far_LoA	-8,07723364	0,180	0,275
CHR1	30771268	CHR1:30771268	SSF x Far_LoA	-10,0397429	-0,093	0,309
CHR1	30773198	CHR1:30773198	SSF x Far_LoA	-9,05508613	-0,070	0,310
CHR1	30773251	CHR1:30773251	SSF x Far_LoA	-9,72884242	-0,045	0,308
CHR1	30773286	CHR1:30773286	SSF x Far_LoA	-10,148415	-0,009	0,300

CHR1	30785490	CHR1:30785490	SSF x Far_LoA	-10,4511462	0,061	0,296
CHR1	30785510	CHR1:30785510	SSF x Far_LoA	-9,99944527	-0,011	0,308
CHR1	30785521	CHR1:30785521	SSF x Far_LoA	-8,62705146	-0,057	0,300
CHR1	30785526	CHR1:30785526	SSF x Far_LoA	-7,54366401	-0,064	0,312
CHR1	30785527	CHR1:30785527	SSF x Far_LoA	-10,0899707	-0,098	0,309
CHR1	30785528	CHR1:30785528	SSF x Far_LoA	-7,86054374	-0,080	0,306
CHR1	30785542	CHR1:30785542	SSF x Far_LoA	-9,89435464	0,025	0,307
CHR1	30785575	CHR1:30785575	SSF x Far_LoA	-9,54739763	-0,138	0,307
CHR1	30785622	CHR1:30785622	SSF x Far_LoA	-7,80763753	-0,085	0,301
CHR1	30785623	CHR1:30785623	SSF x Far_LoA	-10,7379408	0,046	0,300
CHR1	30785628	CHR1:30785628	SSF x Far_LoA	-10,845239	0,100	0,299
CHR1	30785687	CHR1:30785687	SSF x Far_LoA	-10,36083	-0,008	0,319
CHR1	30785699	CHR1:30785699	SSF x Far_LoA	-6,81669899	0,073	0,304
CHR1	30785709	CHR1:30785709	SSF x Far_LoA	-8,6386939	-0,032	0,307
CHR1	30790599	CHR1:30790599	SSF x Far_LoA	-9,7953194	0,105	0,311
CHR1	30790629	CHR1:30790629	SSF x Far_LoA	6,04174286	-0,003	0,311
CHR1	30790662	CHR1:30790662	SSF x Far_LoA	-10,1363837	0,093	0,310
CHR1	30790665	CHR1:30790665	SSF x Far_LoA	-10,1905795	0,073	0,308
CHR1	30790678	CHR1:30790678	SSF x Far_LoA	-10,4941193	0,025	0,300
CHR1	30798033	CHR1:30798033	SSF x Far_LoA	-9,08981561	-0,113	0,306
CHR1	30805605	CHR1:30805605	SSF x Far_LoA	-8,17209532	0,075	0,316
CHR1	30805635	CHR1:30805635	SSF x Far_LoA	-10,6432408	-0,094	0,295
CHR1	30805659	CHR1:30805659	SSF x Far_LoA	-9,88449126	0,137	0,303
CHR1	30807552	CHR1:30807552	SSF x Far_LoA	-8,1358091	0,133	0,293
CHR1	30811174	CHR1:30811174	SSF x Far_LoA	-5,40529095	0,028	0,306
CHR1	30811187	CHR1:30811187	SSF x Far_LoA	-9,19428898	-0,026	0,309
CHR1	30811255	CHR1:30811255	SSF x Far_LoA	-9,39632912	0,098	0,303
CHR1	30811262	CHR1:30811262	SSF x Far_LoA	-11,7395436	0,067	0,303
CHR1	30811274	CHR1:30811274	SSF x Far_LoA	19,6200931	0,227	0,297
CHR1	30811300	CHR1:30811300	SSF x Far_LoA	-9,56684924	-0,059	0,313
CHR1	30815510	CHR1:30815510	SSF x Far_LoA	-8,66492829	0,040	0,295
CHR1	30815542	CHR1:30815542	SSF x Far_LoA	-9,43576361	-0,042	0,308
CHR1	30815572	CHR1:30815572	SSF x Far_LoA	-11,461571	-0,014	0,304
CHR1	30815589	CHR1:30815589	SSF x Far_LoA	-9,6839925	-0,062	0,314
CHR1	30815854	CHR1:30815854	SSF x Far_LoA	-11,3800831	-0,027	0,306
CHR1	3081872	CHR1:3081872	SSF x Far_LoA	-8,80356707	-0,064	0,316
CHR1	30825040	CHR1:30825040	SSF x Far_LoA	-8,31906313	0,007	0,306
CHR1	30825047	CHR1:30825047	SSF x Far_LoA	-10,1604698	-0,003	0,297
CHR1	30825056	CHR1:30825056	SSF x Far_LoA	-9,64639517	-0,003	0,294
CHR1	30825084	CHR1:30825084	SSF x Far_LoA	-9,25684384	-0,105	0,303
CHR1	30825086	CHR1:30825086	SSF x Far_LoA	-9,11819424	-0,056	0,306
CHR1	30825159	CHR1:30825159	SSF x Far_LoA	-8,91850924	0,044	0,303
CHR1	30828363	CHR1:30828363	SSF x Far_LoA	-8,5149306	0,002	0,318
CHR1	30828375	CHR1:30828375	SSF x Far_LoA	-10,6008417	-0,073	0,311
CHR1	30828459	CHR1:30828459	SSF x Far_LoA	-11,3014404	-0,090	0,303
CHR1	30832075	CHR1:30832075	SSF x Far_LoA	-9,45961532	-0,025	0,298
CHR1	30834537	CHR1:30834537	SSF x Far_LoA	-9,29624784	-0,060	0,301
CHR1	30837256	CHR1:30837256	SSF x Far_LoA	-7,77506978	-0,107	0,300
CHR1	30837455	CHR1:30837455	SSF x Far_LoA	-7,25776112	-0,037	0,312
CHR1	30838597	CHR1:30838597	SSF x Far_LoA	-10,8663495	0,039	0,300
CHR1	30838640	CHR1:30838640	SSF x Far_LoA	-9,82599821	-0,001	0,306
CHR1	30838641	CHR1:30838641	SSF x Far_LoA	-7,53482057	0,000	0,316
CHR1	30842674	CHR1:30842674	SSF x Far_LoA	-9,80589507	0,075	0,300

CHR1	30865772	CHR1:30865772	SSF x Far_LoA	-0,78727148	0,140	0,302
CHR1	30873923	CHR1:30873923	SSF x Far_LoA	-8,55067983	0,096	0,301
CHR1	30887100	CHR1:30887100	SSF x Far_LoA	-10,4921942	-0,101	0,296
CHR1	30887212	CHR1:30887212	SSF x Far_LoA	-10,3201125	0,031	0,306
CHR1	30887239	CHR1:30887239	SSF x Far_LoA	-8,13436138	-0,065	0,307
CHR1	30891164	CHR1:30891164	SSF x Far_LoA	-8,98985942	0,030	0,314
CHR1	30891183	CHR1:30891183	SSF x Far_LoA	-6,3859893	-0,096	0,313
CHR1	30893852	CHR1:30893852	SSF x Far_LoA	-10,8466197	0,029	0,303
CHR1	30900666	CHR1:30900666	SSF x Far_LoA	-7,48873181	0,074	0,310
CHR1	30902218	CHR1:30902218	SSF x Far_LoA	-9,47773772	-0,114	0,298
CHR1	30902223	CHR1:30902223	SSF x Far_LoA	-10,4228171	0,000	0,308
CHR1	3090302	CHR1:3090302	SSF x Far_LoA	-10,5056136	-0,063	0,314
CHR1	3090304	CHR1:3090304	SSF x Far_LoA	-6,3582959	0,028	0,320
CHR1	3090370	CHR1:3090370	SSF x Far_LoA	-10,6366948	0,054	0,302
CHR1	30910691	CHR1:30910691	SSF x Far_LoA	-9,14126272	0,135	0,308
CHR1	30910886	CHR1:30910886	SSF x Far_LoA	-8,51723758	-0,116	0,299
CHR1	30915945	CHR1:30915945	SSF x Far_LoA	-6,93287337	-0,086	0,302
CHR1	30916011	CHR1:30916011	SSF x Far_LoA	-8,47953104	-0,056	0,315
CHR1	30916025	CHR1:30916025	SSF x Far_LoA	-8,65028047	0,030	0,313
CHR1	30916112	CHR1:30916112	SSF x Far_LoA	-9,51115867	-0,149	0,292
CHR1	30921305	CHR1:30921305	SSF x Far_LoA	-11,448803	0,020	0,313
CHR1	30921340	CHR1:30921340	SSF x Far_LoA	-9,67406935	0,126	0,306
CHR1	30924080	CHR1:30924080	SSF x Far_LoA	-9,36743467	0,077	0,308
CHR1	30924130	CHR1:30924130	SSF x Far_LoA	-10,9189654	0,019	0,303
CHR1	30924138	CHR1:30924138	SSF x Far_LoA	-6,48646889	0,092	0,303
CHR1	30924198	CHR1:30924198	SSF x Far_LoA	-9,03167654	0,029	0,306
CHR1	30924322	CHR1:30924322	SSF x Far_LoA	-7,14843447	-0,047	0,314
CHR1	3093169	CHR1:3093169	SSF x Far_LoA	-6,06886027	-0,156	0,301
CHR1	30943331	CHR1:30943331	SSF x Far_LoA	-8,89496804	-0,027	0,307
CHR1	30961660	CHR1:30961660	SSF x Far_LoA	-10,0246248	0,104	0,302
CHR1	30961673	CHR1:30961673	SSF x Far_LoA	-11,5069317	0,072	0,302
CHR1	30961694	CHR1:30961694	SSF x Far_LoA	-9,6547819	-0,076	0,320
CHR1	30961738	CHR1:30961738	SSF x Far_LoA	-10,1005357	-0,079	0,310
CHR1	30961746	CHR1:30961746	SSF x Far_LoA	-9,82894217	-0,038	0,314
CHR1	30961761	CHR1:30961761	SSF x Far_LoA	-8,4934556	0,113	0,301
CHR1	30961788	CHR1:30961788	SSF x Far_LoA	-8,84285766	0,080	0,311
CHR1	30961813	CHR1:30961813	SSF x Far_LoA	-4,07348637	-0,148	0,311
CHR1	30961888	CHR1:30961888	SSF x Far_LoA	-10,5252628	0,060	0,306
CHR1	30967439	CHR1:30967439	SSF x Far_LoA	-10,5380358	-0,023	0,320
CHR1	30967445	CHR1:30967445	SSF x Far_LoA	-6,54989095	-0,129	0,287
CHR1	30967447	CHR1:30967447	SSF x Far_LoA	-11,0587835	-0,013	0,312
CHR1	30968669	CHR1:30968669	SSF x Far_LoA	-10,7496115	-0,033	0,308
CHR1	30968777	CHR1:30968777	SSF x Far_LoA	-10,0475292	-0,029	0,302
CHR1	30968827	CHR1:30968827	SSF x Far_LoA	-11,3341152	0,043	0,311
CHR1	30968830	CHR1:30968830	SSF x Far_LoA	-7,97108727	-0,065	0,315
CHR1	30968860	CHR1:30968860	SSF x Far_LoA	-9,96985454	-0,022	0,309
CHR1	30968913	CHR1:30968913	SSF x Far_LoA	-10,7106245	-0,026	0,304
CHR1	3100820	CHR1:3100820	SSF x Far_LoA	-7,92610563	0,035	0,314
CHR1	3100857	CHR1:3100857	SSF x Far_LoA	-10,4979477	-0,036	0,302
CHR1	3100881	CHR1:3100881	SSF x Far_LoA	-9,01757111	-0,005	0,292
CHR1	3100901	CHR1:3100901	SSF x Far_LoA	-9,29497003	-0,027	0,296
CHR1	31013861	CHR1:31013861	SSF x Far_LoA	-7,88359152	-0,101	0,305
CHR1	31023520	CHR1:31023520	SSF x Far_LoA	-8,67299124	0,158	0,292

CHR1	31028429	CHR1:31028429	SSF x Far_LoA	-11,3250115	0,072	0,303
CHR1	310360	CHR1:310360	SSF x Far_LoA	-6,7268053	-0,012	0,305
CHR1	31036046	CHR1:31036046	SSF x Far_LoA	-8,97966083	-0,027	0,301
CHR1	31036065	CHR1:31036065	SSF x Far_LoA	-7,50805141	0,086	0,303
CHR1	31036108	CHR1:31036108	SSF x Far_LoA	-10,5247209	0,072	0,312
CHR1	31037655	CHR1:31037655	SSF x Far_LoA	-11,2864566	0,013	0,301
CHR1	31037658	CHR1:31037658	SSF x Far_LoA	-10,5730858	0,029	0,298
CHR1	310397	CHR1:310397	SSF x Far_LoA	-8,40312842	-0,147	0,309
CHR1	31041317	CHR1:31041317	SSF x Far_LoA	-12,0574446	0,038	0,303
CHR1	31041327	CHR1:31041327	SSF x Far_LoA	-9,62066267	-0,041	0,303
CHR1	31041361	CHR1:31041361	SSF x Far_LoA	-7,91587082	-0,117	0,303
CHR1	31041490	CHR1:31041490	SSF x Far_LoA	-11,5728635	-0,061	0,310
CHR1	31043031	CHR1:31043031	SSF x Far_LoA	-12,2723456	-0,046	0,301
CHR1	31043068	CHR1:31043068	SSF x Far_LoA	-9,20647946	-0,036	0,309
CHR1	31043233	CHR1:31043233	SSF x Far_LoA	-9,98134902	-0,100	0,298
CHR1	31048107	CHR1:31048107	SSF x Far_LoA	-10,9631834	0,023	0,308
CHR1	31049401	CHR1:31049401	SSF x Far_LoA	-8,58417263	-0,055	0,310
CHR1	31065449	CHR1:31065449	SSF x Far_LoA	-11,4782091	0,027	0,296
CHR1	31065696	CHR1:31065696	SSF x Far_LoA	-8,46876273	-0,067	0,320
CHR1	31065711	CHR1:31065711	SSF x Far_LoA	-2,89471339	0,126	0,316
CHR1	31067244	CHR1:31067244	SSF x Far_LoA	-7,97393236	0,023	0,314
CHR1	31087829	CHR1:31087829	SSF x Far_LoA	-5,7894405	-0,147	0,312
CHR1	31109905	CHR1:31109905	SSF x Far_LoA	-10,1242537	0,020	0,314
CHR1	3112737	CHR1:3112737	SSF x Far_LoA	-8,7284067	0,122	0,299
CHR1	31140405	CHR1:31140405	SSF x Far_LoA	-6,13263045	-0,001	0,319
CHR1	31140459	CHR1:31140459	SSF x Far_LoA	-11,0695539	-0,017	0,304
CHR1	3114170	CHR1:3114170	SSF x Far_LoA	-9,73164968	0,020	0,289
CHR1	31145841	CHR1:31145841	SSF x Far_LoA	-8,1422639	0,063	0,294
CHR1	31146018	CHR1:31146018	SSF x Far_LoA	-9,6875347	0,053	0,311
CHR1	31146023	CHR1:31146023	SSF x Far_LoA	-10,4939734	0,033	0,315
CHR1	31149205	CHR1:31149205	SSF x Far_LoA	-5,76815675	0,032	0,301
CHR1	31154029	CHR1:31154029	SSF x Far_LoA	-6,34267668	0,080	0,310
CHR1	31154052	CHR1:31154052	SSF x Far_LoA	-6,21689595	-0,079	0,320
CHR1	31159499	CHR1:31159499	SSF x Far_LoA	-8,27808108	-0,006	0,305
CHR1	31159828	CHR1:31159828	SSF x Far_LoA	-7,07273308	0,120	0,294
CHR1	31163305	CHR1:31163305	SSF x Far_LoA	-9,17414024	-0,067	0,315
CHR1	31163365	CHR1:31163365	SSF x Far_LoA	-10,2795987	-0,128	0,306
CHR1	31163450	CHR1:31163450	SSF x Far_LoA	-6,79129712	0,046	0,310
CHR1	31180087	CHR1:31180087	SSF x Far_LoA	-5,7994937	0,235	0,300
CHR1	31180095	CHR1:31180095	SSF x Far_LoA	-10,8406846	-0,072	0,308
CHR1	31180132	CHR1:31180132	SSF x Far_LoA	-6,24188753	0,239	0,281
CHR1	31198254	CHR1:31198254	SSF x Far_LoA	-11,442426	0,018	0,301
CHR1	31198344	CHR1:31198344	SSF x Far_LoA	-9,83128834	-0,049	0,307
CHR1	31198382	CHR1:31198382	SSF x Far_LoA	-7,21780252	-0,035	0,311
CHR1	31198388	CHR1:31198388	SSF x Far_LoA	-7,71097925	0,167	0,292
CHR1	31198442	CHR1:31198442	SSF x Far_LoA	-8,20389406	-0,011	0,296
CHR1	31198448	CHR1:31198448	SSF x Far_LoA	-8,97079728	0,015	0,294
CHR1	31203839	CHR1:31203839	SSF x Far_LoA	-7,1401072	0,024	0,303
CHR1	31203991	CHR1:31203991	SSF x Far_LoA	-6,50969477	0,190	0,296
CHR1	31205959	CHR1:31205959	SSF x Far_LoA	-9,91732054	0,098	0,293
CHR1	31206106	CHR1:31206106	SSF x Far_LoA	-9,28956862	-0,012	0,299
CHR1	31206107	CHR1:31206107	SSF x Far_LoA	-7,80482418	0,026	0,301
CHR1	31206108	CHR1:31206108	SSF x Far_LoA	-8,80140001	0,014	0,305

CHR1	31212043	CHR1:31212043	SSF x Far_LoA	-10,7712146	0,028	0,307
CHR1	31212306	CHR1:31212306	SSF x Far_LoA	-11,4738919	0,023	0,297
CHR1	31218654	CHR1:31218654	SSF x Far_LoA	-9,33804882	-0,020	0,313
CHR1	312419	CHR1:312419	SSF x Far_LoA	-7,25309627	0,081	0,302
CHR1	312426	CHR1:312426	SSF x Far_LoA	-8,05533396	0,113	0,301
CHR1	312488	CHR1:312488	SSF x Far_LoA	-5,94958278	-0,198	0,307
CHR1	312489	CHR1:312489	SSF x Far_LoA	-4,73455331	-0,176	0,304
CHR1	312503	CHR1:312503	SSF x Far_LoA	-5,29949767	-0,176	0,307
CHR1	312505	CHR1:312505	SSF x Far_LoA	-2,04777938	-0,187	0,296
CHR1	31257348	CHR1:31257348	SSF x Far_LoA	-8,75235519	0,054	0,304
CHR1	31257402	CHR1:31257402	SSF x Far_LoA	-10,5203551	-0,127	0,282
CHR1	312663	CHR1:312663	SSF x Far_LoA	-6,43079905	-0,102	0,306
CHR1	31268624	CHR1:31268624	SSF x Far_LoA	-8,26705604	-0,083	0,298
CHR1	31283156	CHR1:31283156	SSF x Far_LoA	-3,24597395	0,073	0,329
CHR1	31283163	CHR1:31283163	SSF x Far_LoA	-9,31271275	0,030	0,307
CHR1	31283175	CHR1:31283175	SSF x Far_LoA	-8,53762859	0,026	0,312
CHR1	31283177	CHR1:31283177	SSF x Far_LoA	-8,48334987	0,049	0,321
CHR1	31295252	CHR1:31295252	SSF x Far_LoA	-10,4017321	-0,021	0,301
CHR1	31295306	CHR1:31295306	SSF x Far_LoA	-8,99240733	0,007	0,317
CHR1	31295310	CHR1:31295310	SSF x Far_LoA	-4,96847127	-0,074	0,305
CHR1	31295344	CHR1:31295344	SSF x Far_LoA	-8,78627342	0,027	0,307
CHR1	3129833	CHR1:3129833	SSF x Far_LoA	-7,6195439	-0,093	0,312
CHR1	3129986	CHR1:3129986	SSF x Far_LoA	-12,0744526	-0,047	0,304
CHR1	3129990	CHR1:3129990	SSF x Far_LoA	-11,7971321	0,000	0,304
CHR1	31301571	CHR1:31301571	SSF x Far_LoA	-8,14112683	-0,083	0,291
CHR1	31303170	CHR1:31303170	SSF x Far_LoA	-7,62921855	0,021	0,316
CHR1	31303335	CHR1:31303335	SSF x Far_LoA	-11,4194551	0,012	0,307
CHR1	31303377	CHR1:31303377	SSF x Far_LoA	-7,65521876	-0,021	0,314
CHR1	31303413	CHR1:31303413	SSF x Far_LoA	-10,4847563	0,113	0,306
CHR1	31308180	CHR1:31308180	SSF x Far_LoA	-8,79931556	-0,002	0,325
CHR1	31308200	CHR1:31308200	SSF x Far_LoA	-7,80825217	-0,134	0,295
CHR1	31308284	CHR1:31308284	SSF x Far_LoA	-7,24232951	0,091	0,290
CHR1	31308894	CHR1:31308894	SSF x Far_LoA	-7,22976506	-0,147	0,297
CHR1	31321001	CHR1:31321001	SSF x Far_LoA	-8,32079912	0,044	0,309
CHR1	31322484	CHR1:31322484	SSF x Far_LoA	-8,69802791	0,036	0,309
CHR1	31322502	CHR1:31322502	SSF x Far_LoA	-10,7856926	-0,028	0,298
CHR1	31329935	CHR1:31329935	SSF x Far_LoA	-8,97260339	0,069	0,325
CHR1	31333213	CHR1:31333213	SSF x Far_LoA	-9,44696257	-0,098	0,306
CHR1	31333327	CHR1:31333327	SSF x Far_LoA	-10,2390843	0,084	0,284
CHR1	3133601	CHR1:3133601	SSF x Far_LoA	-8,28601169	0,006	0,295
CHR1	3134530	CHR1:3134530	SSF x Far_LoA	-9,52421521	-0,093	0,308
CHR1	3134597	CHR1:3134597	SSF x Far_LoA	-10,4128909	0,085	0,309
CHR1	31347154	CHR1:31347154	SSF x Far_LoA	-11,4744698	0,041	0,312
CHR1	31359396	CHR1:31359396	SSF x Far_LoA	-10,1172334	-0,006	0,303
CHR1	31359502	CHR1:31359502	SSF x Far_LoA	-9,34181301	0,007	0,313
CHR1	31359549	CHR1:31359549	SSF x Far_LoA	-8,06660231	-0,092	0,309
CHR1	31368693	CHR1:31368693	SSF x Far_LoA	-10,7624477	0,020	0,309
CHR1	31368742	CHR1:31368742	SSF x Far_LoA	-10,4454836	-0,007	0,314
CHR1	31368779	CHR1:31368779	SSF x Far_LoA	-7,82508949	-0,029	0,304
CHR1	31368792	CHR1:31368792	SSF x Far_LoA	-9,06603821	-0,026	0,296
CHR1	31368894	CHR1:31368894	SSF x Far_LoA	-9,62220984	0,043	0,300
CHR1	31375718	CHR1:31375718	SSF x Far_LoA	-6,6633116	-0,105	0,309
CHR1	31375732	CHR1:31375732	SSF x Far_LoA	-9,56217884	0,139	0,290

CHR1	31375800	CHR1:31375800	SSF x Far_LoA	-10,4020322	0,088	0,293
CHR1	3138685	CHR1:3138685	SSF x Far_LoA	-11,7135861	-0,015	0,311
CHR1	3138733	CHR1:3138733	SSF x Far_LoA	-10,7991111	0,034	0,307
CHR1	3138746	CHR1:3138746	SSF x Far_LoA	-7,76221628	-0,111	0,303
CHR1	3138784	CHR1:3138784	SSF x Far_LoA	-7,36566181	0,156	0,286
CHR1	3138858	CHR1:3138858	SSF x Far_LoA	-11,3090728	0,010	0,313
CHR1	3138874	CHR1:3138874	SSF x Far_LoA	-9,71811965	0,091	0,323
CHR1	31391095	CHR1:31391095	SSF x Far_LoA	-3,23367777	-0,082	0,302
CHR1	31391190	CHR1:31391190	SSF x Far_LoA	-9,81589837	0,023	0,315
CHR1	31395155	CHR1:31395155	SSF x Far_LoA	-8,19422346	0,029	0,316
CHR1	31395210	CHR1:31395210	SSF x Far_LoA	-8,501868	-0,042	0,320
CHR1	31395278	CHR1:31395278	SSF x Far_LoA	-8,24949026	-0,004	0,306
CHR1	31400538	CHR1:31400538	SSF x Far_LoA	-10,7335044	0,007	0,307
CHR1	31400567	CHR1:31400567	SSF x Far_LoA	-9,29893745	-0,028	0,281
CHR1	31404946	CHR1:31404946	SSF x Far_LoA	-8,82619821	-0,067	0,295
CHR1	31407470	CHR1:31407470	SSF x Far_LoA	-6,59471673	0,119	0,305
CHR1	31407482	CHR1:31407482	SSF x Far_LoA	-8,75040822	0,026	0,307
CHR1	31408212	CHR1:31408212	SSF x Far_LoA	-5,05532434	0,286	0,264
CHR1	31408219	CHR1:31408219	SSF x Far_LoA	-8,38764867	-0,029	0,314
CHR1	31408234	CHR1:31408234	SSF x Far_LoA	-8,69366493	0,020	0,311
CHR1	31408260	CHR1:31408260	SSF x Far_LoA	-9,37302992	-0,045	0,309
CHR1	31411814	CHR1:31411814	SSF x Far_LoA	-8,5674356	-0,058	0,303
CHR1	31412024	CHR1:31412024	SSF x Far_LoA	-9,65608593	-0,039	0,316
CHR1	31416932	CHR1:31416932	SSF x Far_LoA	-9,40559235	-0,089	0,314
CHR1	31419000	CHR1:31419000	SSF x Far_LoA	-5,44520647	0,214	0,286
CHR1	31420075	CHR1:31420075	SSF x Far_LoA	-10,6727293	-0,003	0,308
CHR1	31420130	CHR1:31420130	SSF x Far_LoA	-6,95564055	0,028	0,331
CHR1	31420184	CHR1:31420184	SSF x Far_LoA	-7,68966337	0,043	0,327
CHR1	31422569	CHR1:31422569	SSF x Far_LoA	-9,0712921	0,100	0,293
CHR1	31426236	CHR1:31426236	SSF x Far_LoA	-10,1536255	-0,128	0,285
CHR1	31426374	CHR1:31426374	SSF x Far_LoA	-11,5231551	0,023	0,315
CHR1	31431588	CHR1:31431588	SSF x Far_LoA	-9,47646268	-0,020	0,311
CHR1	31432894	CHR1:31432894	SSF x Far_LoA	-8,51881317	0,008	0,318
CHR1	31433051	CHR1:31433051	SSF x Far_LoA	-8,9122263	-0,104	0,313
CHR1	31433142	CHR1:31433142	SSF x Far_LoA	-6,57247053	-0,134	0,302
CHR1	31434022	CHR1:31434022	SSF x Far_LoA	-9,26117374	-0,047	0,308
CHR1	31434035	CHR1:31434035	SSF x Far_LoA	-9,0152053	-0,115	0,296
CHR1	31445796	CHR1:31445796	SSF x Far_LoA	-9,8497186	-0,018	0,313
CHR1	31445812	CHR1:31445812	SSF x Far_LoA	-9,8383576	-0,035	0,310
CHR1	31448993	CHR1:31448993	SSF x Far_LoA	-7,29160848	-0,150	0,294
CHR1	31449057	CHR1:31449057	SSF x Far_LoA	-8,895691	-0,098	0,306
CHR1	31451317	CHR1:31451317	SSF x Far_LoA	-8,62877972	-0,046	0,315
CHR1	31451381	CHR1:31451381	SSF x Far_LoA	-10,9647626	0,038	0,325
CHR1	31458279	CHR1:31458279	SSF x Far_LoA	-9,80589851	0,053	0,296
CHR1	31458436	CHR1:31458436	SSF x Far_LoA	-10,5343653	-0,012	0,315
CHR1	3146040	CHR1:3146040	SSF x Far_LoA	-10,5315541	0,039	0,306
CHR1	31467654	CHR1:31467654	SSF x Far_LoA	-7,9718946	-0,147	0,302
CHR1	31468866	CHR1:31468866	SSF x Far_LoA	-8,31057872	0,121	0,304
CHR1	31478644	CHR1:31478644	SSF x Far_LoA	-7,24790665	0,120	0,292
CHR1	31495715	CHR1:31495715	SSF x Far_LoA	-7,65060144	-0,005	0,288
CHR1	31501826	CHR1:31501826	SSF x Far_LoA	-9,51445008	-0,139	0,293
CHR1	31511264	CHR1:31511264	SSF x Far_LoA	-10,1102313	0,060	0,313
CHR1	31511524	CHR1:31511524	SSF x Far_LoA	-7,19323644	-0,009	0,317

CHR1	31511551	CHR1:31511551	SSF x Far_LoA	-10,8479262	-0,056	0,298
CHR1	31516629	CHR1:31516629	SSF x Far_LoA	-5,76719281	0,089	0,308
CHR1	31516718	CHR1:31516718	SSF x Far_LoA	-8,55692241	-0,038	0,312
CHR1	31516869	CHR1:31516869	SSF x Far_LoA	-8,93872364	0,010	0,300
CHR1	31527420	CHR1:31527420	SSF x Far_LoA	-8,50811754	-0,059	0,294
CHR1	31527424	CHR1:31527424	SSF x Far_LoA	-2,89666184	0,120	0,305
CHR1	31527433	CHR1:31527433	SSF x Far_LoA	-10,7327135	0,055	0,306
CHR1	31527500	CHR1:31527500	SSF x Far_LoA	-9,28344038	-0,019	0,311
CHR1	31539009	CHR1:31539009	SSF x Far_LoA	-11,1262094	-0,023	0,305
CHR1	31539034	CHR1:31539034	SSF x Far_LoA	-9,12136291	0,022	0,308
CHR1	31539060	CHR1:31539060	SSF x Far_LoA	-8,78033605	0,018	0,317
CHR1	31539076	CHR1:31539076	SSF x Far_LoA	-9,21966242	0,008	0,296
CHR1	31539080	CHR1:31539080	SSF x Far_LoA	-10,1698455	0,038	0,294
CHR1	31539122	CHR1:31539122	SSF x Far_LoA	-11,3708564	0,050	0,302
CHR1	31548521	CHR1:31548521	SSF x Far_LoA	-8,6562014	0,009	0,301
CHR1	31548587	CHR1:31548587	SSF x Far_LoA	-11,786653	-0,035	0,297
CHR1	31550181	CHR1:31550181	SSF x Far_LoA	-9,56761241	-0,099	0,311
CHR1	31550274	CHR1:31550274	SSF x Far_LoA	-9,01004791	-0,061	0,309
CHR1	31554859	CHR1:31554859	SSF x Far_LoA	-9,18211786	0,087	0,315
CHR1	31554885	CHR1:31554885	SSF x Far_LoA	-10,2514977	0,027	0,294
CHR1	31554913	CHR1:31554913	SSF x Far_LoA	-7,85819389	-0,174	0,292
CHR1	31554938	CHR1:31554938	SSF x Far_LoA	-7,50882132	0,101	0,297
CHR1	31569331	CHR1:31569331	SSF x Far_LoA	-9,97115568	-0,053	0,306
CHR1	31569436	CHR1:31569436	SSF x Far_LoA	-7,21842744	-0,025	0,322
CHR1	31569501	CHR1:31569501	SSF x Far_LoA	-8,61309838	0,121	0,303
CHR1	31577185	CHR1:31577185	SSF x Far_LoA	-8,48251148	-0,091	0,312
CHR1	31580697	CHR1:31580697	SSF x Far_LoA	-10,6670699	0,035	0,313
CHR1	31580858	CHR1:31580858	SSF x Far_LoA	-11,1962157	0,045	0,310
CHR1	31588720	CHR1:31588720	SSF x Far_LoA	-9,03817341	-0,044	0,306
CHR1	31588750	CHR1:31588750	SSF x Far_LoA	-3,73956287	-0,056	0,291
CHR1	31591621	CHR1:31591621	SSF x Far_LoA	-8,88399863	-0,179	0,290
CHR1	31591705	CHR1:31591705	SSF x Far_LoA	-6,82709266	-0,106	0,311
CHR1	31591793	CHR1:31591793	SSF x Far_LoA	-9,76218129	0,122	0,297
CHR1	31616741	CHR1:31616741	SSF x Far_LoA	-10,2875166	0,040	0,310
CHR1	31616839	CHR1:31616839	SSF x Far_LoA	-5,67761318	0,104	0,307
CHR1	31616844	CHR1:31616844	SSF x Far_LoA	-8,92775993	0,083	0,319
CHR1	31616966	CHR1:31616966	SSF x Far_LoA	-11,002475	-0,012	0,298
CHR1	31616986	CHR1:31616986	SSF x Far_LoA	-8,83181307	0,052	0,305
CHR1	31624902	CHR1:31624902	SSF x Far_LoA	-7,82200125	0,105	0,304
CHR1	31625113	CHR1:31625113	SSF x Far_LoA	-9,35114135	0,029	0,301
CHR1	31625119	CHR1:31625119	SSF x Far_LoA	-9,49734121	0,054	0,307
CHR1	31630077	CHR1:31630077	SSF x Far_LoA	-8,47028257	0,130	0,289
CHR1	31630138	CHR1:31630138	SSF x Far_LoA	-9,18479615	0,125	0,310
CHR1	31630210	CHR1:31630210	SSF x Far_LoA	-9,38539205	0,004	0,315
CHR1	31630236	CHR1:31630236	SSF x Far_LoA	-9,3841624	0,027	0,305
CHR1	31630310	CHR1:31630310	SSF x Far_LoA	-11,695486	-0,005	0,289
CHR1	31630316	CHR1:31630316	SSF x Far_LoA	-12,197347	-0,005	0,293
CHR1	31636053	CHR1:31636053	SSF x Far_LoA	-11,5545071	0,068	0,301
CHR1	31636091	CHR1:31636091	SSF x Far_LoA	-9,56347786	-0,063	0,302
CHR1	31636302	CHR1:31636302	SSF x Far_LoA	-11,0061034	0,050	0,299
CHR1	31647547	CHR1:31647547	SSF x Far_LoA	-10,0154907	0,076	0,302
CHR1	31649672	CHR1:31649672	SSF x Far_LoA	-7,86286471	0,223	0,287
CHR1	31652401	CHR1:31652401	SSF x Far_LoA	-5,84362125	0,210	0,315

CHR1	31655573	CHR1:31655573	SSF x Far_LoA	-8,21284897	-0,084	0,309
CHR1	31658764	CHR1:31658764	SSF x Far_LoA	-11,6156683	0,004	0,310
CHR1	31658790	CHR1:31658790	SSF x Far_LoA	-10,6789507	0,023	0,301
CHR1	31665933	CHR1:31665933	SSF x Far_LoA	-10,8891422	0,004	0,311
CHR1	31666857	CHR1:31666857	SSF x Far_LoA	-12,5267906	0,008	0,304
CHR1	31666888	CHR1:31666888	SSF x Far_LoA	-11,9330928	0,013	0,302
CHR1	31684981	CHR1:31684981	SSF x Far_LoA	-10,1418233	0,065	0,302
CHR1	31697319	CHR1:31697319	SSF x Far_LoA	-10,1506952	0,044	0,312
CHR1	31697326	CHR1:31697326	SSF x Far_LoA	-10,1520967	-0,150	0,304
CHR1	31697350	CHR1:31697350	SSF x Far_LoA	-9,76104818	-0,004	0,310
CHR1	31697371	CHR1:31697371	SSF x Far_LoA	-6,9514598	-0,175	0,302
CHR1	31697439	CHR1:31697439	SSF x Far_LoA	-7,73036755	0,123	0,316
CHR1	31701287	CHR1:31701287	SSF x Far_LoA	-12,0342885	-0,058	0,307
CHR1	31709655	CHR1:31709655	SSF x Far_LoA	-9,56739438	-0,011	0,317
CHR1	31718645	CHR1:31718645	SSF x Far_LoA	1,67689774	0,014	0,313
CHR1	31718665	CHR1:31718665	SSF x Far_LoA	-8,47968167	0,000	0,316
CHR1	31718682	CHR1:31718682	SSF x Far_LoA	-9,17758796	0,016	0,299
CHR1	31727716	CHR1:31727716	SSF x Far_LoA	-5,96358938	0,051	0,308
CHR1	31727897	CHR1:31727897	SSF x Far_LoA	-8,20300172	-0,090	0,314
CHR1	31727958	CHR1:31727958	SSF x Far_LoA	-9,57409631	0,096	0,297
CHR1	31741588	CHR1:31741588	SSF x Far_LoA	-5,99474971	0,215	0,296
CHR1	3174470	CHR1:3174470	SSF x Far_LoA	-7,97026734	0,010	0,301
CHR1	31745564	CHR1:31745564	SSF x Far_LoA	-8,97677988	-0,034	0,293
CHR1	31745630	CHR1:31745630	SSF x Far_LoA	-11,0902855	0,020	0,305
CHR1	3174618	CHR1:3174618	SSF x Far_LoA	-8,1107495	-0,085	0,320
CHR1	31750687	CHR1:31750687	SSF x Far_LoA	-9,39344169	-0,164	0,303
CHR1	31750713	CHR1:31750713	SSF x Far_LoA	-9,5324781	-0,159	0,306
CHR1	31753721	CHR1:31753721	SSF x Far_LoA	-9,94512349	-0,079	0,298
CHR1	31753901	CHR1:31753901	SSF x Far_LoA	-5,65131561	0,188	0,297
CHR1	31759310	CHR1:31759310	SSF x Far_LoA	-9,31343887	0,004	0,314
CHR1	31770223	CHR1:31770223	SSF x Far_LoA	-10,7893167	-0,107	0,310
CHR1	3177834	CHR1:3177834	SSF x Far_LoA	-8,4137364	0,015	0,301
CHR1	3177932	CHR1:3177932	SSF x Far_LoA	-8,01845043	0,139	0,299
CHR1	3177953	CHR1:3177953	SSF x Far_LoA	-11,2190371	-0,131	0,308
CHR1	31780200	CHR1:31780200	SSF x Far_LoA	-6,63871869	0,172	0,287
CHR1	31780247	CHR1:31780247	SSF x Far_LoA	-9,21296529	0,002	0,301
CHR1	31784841	CHR1:31784841	SSF x Far_LoA	-6,1203706	-0,128	0,301
CHR1	31784865	CHR1:31784865	SSF x Far_LoA	-9,03043628	0,005	0,315
CHR1	31785062	CHR1:31785062	SSF x Far_LoA	-9,28897777	0,081	0,306
CHR1	31785071	CHR1:31785071	SSF x Far_LoA	-9,14502683	-0,027	0,317
CHR1	31788140	CHR1:31788140	SSF x Far_LoA	-6,60057481	-0,001	0,311
CHR1	31795259	CHR1:31795259	SSF x Far_LoA	-5,54970923	0,191	0,290
CHR1	31795340	CHR1:31795340	SSF x Far_LoA	-9,88262949	-0,018	0,315
CHR1	31797616	CHR1:31797616	SSF x Far_LoA	-10,5479564	-0,125	0,293
CHR1	31800099	CHR1:31800099	SSF x Far_LoA	-8,18718623	-0,078	0,319
CHR1	31803812	CHR1:31803812	SSF x Far_LoA	-5,32851395	-0,147	0,311
CHR1	31812873	CHR1:31812873	SSF x Far_LoA	-7,8978088	0,125	0,306
CHR1	31817979	CHR1:31817979	SSF x Far_LoA	-11,4646918	0,075	0,311
CHR1	31818054	CHR1:31818054	SSF x Far_LoA	-11,4966504	0,046	0,308
CHR1	31825911	CHR1:31825911	SSF x Far_LoA	-5,8491886	-0,232	0,298
CHR1	31825920	CHR1:31825920	SSF x Far_LoA	-10,5882219	0,003	0,313
CHR1	31825952	CHR1:31825952	SSF x Far_LoA	-7,01726419	-0,183	0,282
CHR1	31825959	CHR1:31825959	SSF x Far_LoA	-3,65173403	-0,192	0,287

CHR1	31826004	CHR1:31826004	SSF x Far_LoA	-6,68615582	-0,211	0,293
CHR1	31826018	CHR1:31826018	SSF x Far_LoA	-6,79923864	-0,208	0,309
CHR1	31830595	CHR1:31830595	SSF x Far_LoA	-7,56019304	-0,060	0,304
CHR1	31830606	CHR1:31830606	SSF x Far_LoA	-8,86654555	-0,074	0,295
CHR1	3183229	CHR1:3183229	SSF x Far_LoA	-2,4090086	-0,012	0,299
CHR1	3183308	CHR1:3183308	SSF x Far_LoA	-9,4212098	-0,009	0,317
CHR1	31836944	CHR1:31836944	SSF x Far_LoA	-9,0051067	0,002	0,289
CHR1	31837018	CHR1:31837018	SSF x Far_LoA	-11,9445926	0,032	0,313
CHR1	31837027	CHR1:31837027	SSF x Far_LoA	-8,42566648	-0,037	0,309
CHR1	31837046	CHR1:31837046	SSF x Far_LoA	-12,0235829	0,096	0,307
CHR1	31842902	CHR1:31842902	SSF x Far_LoA	-7,17750437	-0,102	0,306
CHR1	31842919	CHR1:31842919	SSF x Far_LoA	-9,40383801	-0,021	0,304
CHR1	31842937	CHR1:31842937	SSF x Far_LoA	-7,81602765	-0,113	0,303
CHR1	31843180	CHR1:31843180	SSF x Far_LoA	-7,25941972	-0,093	0,300
CHR1	31857136	CHR1:31857136	SSF x Far_LoA	-10,1343331	-0,101	0,307
CHR1	3186068	CHR1:3186068	SSF x Far_LoA	-9,3186413	0,020	0,310
CHR1	31860899	CHR1:31860899	SSF x Far_LoA	-3,70229948	0,114	0,302
CHR1	31861081	CHR1:31861081	SSF x Far_LoA	-7,53940598	-0,036	0,306
CHR1	31861130	CHR1:31861130	SSF x Far_LoA	-8,91982254	-0,049	0,291
CHR1	31864833	CHR1:31864833	SSF x Far_LoA	-8,58056489	-0,017	0,307
CHR1	31864999	CHR1:31864999	SSF x Far_LoA	-6,39004716	0,114	0,297
CHR1	31865091	CHR1:31865091	SSF x Far_LoA	-9,81883164	-0,077	0,306
CHR1	31869032	CHR1:31869032	SSF x Far_LoA	-10,8589534	0,029	0,302
CHR1	31869161	CHR1:31869161	SSF x Far_LoA	-10,5312343	-0,037	0,303
CHR1	31876332	CHR1:31876332	SSF x Far_LoA	-10,8462255	0,048	0,308
CHR1	31880382	CHR1:31880382	SSF x Far_LoA	-8,06257969	-0,154	0,301
CHR1	31885424	CHR1:31885424	SSF x Far_LoA	-6,18200915	-0,147	0,308
CHR1	3189765	CHR1:3189765	SSF x Far_LoA	-5,32638761	0,159	0,296
CHR1	31901788	CHR1:31901788	SSF x Far_LoA	-6,47916322	-0,056	0,314
CHR1	31907184	CHR1:31907184	SSF x Far_LoA	-8,71635067	-0,058	0,310
CHR1	31915007	CHR1:31915007	SSF x Far_LoA	-8,43194012	-0,121	0,287
CHR1	31919131	CHR1:31919131	SSF x Far_LoA	-8,75489546	0,014	0,313
CHR1	31926079	CHR1:31926079	SSF x Far_LoA	-8,92867723	0,033	0,296
CHR1	31926118	CHR1:31926118	SSF x Far_LoA	-10,0331602	0,049	0,291
CHR1	31926208	CHR1:31926208	SSF x Far_LoA	-10,4927442	0,001	0,292
CHR1	31926210	CHR1:31926210	SSF x Far_LoA	-10,5617734	-0,005	0,308
CHR1	31928057	CHR1:31928057	SSF x Far_LoA	-6,70355478	-0,009	0,303
CHR1	31928156	CHR1:31928156	SSF x Far_LoA	-8,55007577	-0,095	0,293
CHR1	31928161	CHR1:31928161	SSF x Far_LoA	-7,31067496	0,109	0,292
CHR1	31928162	CHR1:31928162	SSF x Far_LoA	-9,12389617	-0,036	0,302
CHR1	31965982	CHR1:31965982	SSF x Far_LoA	-9,09927776	-0,016	0,313
CHR1	31974722	CHR1:31974722	SSF x Far_LoA	-6,47856612	0,042	0,320
CHR1	31974939	CHR1:31974939	SSF x Far_LoA	-8,24076609	0,062	0,304
CHR1	31980444	CHR1:31980444	SSF x Far_LoA	1,5948695	-0,034	0,318
CHR1	31996561	CHR1:31996561	SSF x Far_LoA	-9,97460971	0,023	0,313
CHR1	32008379	CHR1:32008379	SSF x Far_LoA	-11,1782719	0,006	0,295
CHR1	32008419	CHR1:32008419	SSF x Far_LoA	-10,9750669	0,068	0,291
CHR1	32011517	CHR1:32011517	SSF x Far_LoA	-10,5089416	-0,037	0,304
CHR1	32013179	CHR1:32013179	SSF x Far_LoA	-7,69737924	0,026	0,311
CHR1	32017142	CHR1:32017142	SSF x Far_LoA	-11,6477419	0,061	0,307
CHR1	32017170	CHR1:32017170	SSF x Far_LoA	-10,0334124	-0,038	0,291
CHR1	32019139	CHR1:32019139	SSF x Far_LoA	-7,68979061	-0,055	0,305
CHR1	32037951	CHR1:32037951	SSF x Far_LoA	-9,89547824	0,071	0,293

CHR1	32045022	CHR1:32045022	SSF x Far_LoA	-8,12576306	-0,137	0,311
CHR1	32045033	CHR1:32045033	SSF x Far_LoA	-10,5816041	0,000	0,295
CHR1	32045050	CHR1:32045050	SSF x Far_LoA	-8,8298207	0,008	0,318
CHR1	32045204	CHR1:32045204	SSF x Far_LoA	-7,9644144	0,163	0,295
CHR1	32057580	CHR1:32057580	SSF x Far_LoA	-9,60897722	-0,060	0,300
CHR1	32061733	CHR1:32061733	SSF x Far_LoA	-9,91898043	0,052	0,310
CHR1	32073871	CHR1:32073871	SSF x Far_LoA	-2,23014353	-0,050	0,313
CHR1	3207897	CHR1:3207897	SSF x Far_LoA	-8,56061174	-0,103	0,325
CHR1	3208092	CHR1:3208092	SSF x Far_LoA	-8,83680487	0,124	0,306
CHR1	32084057	CHR1:32084057	SSF x Far_LoA	-8,09476114	0,112	0,297
CHR1	32093003	CHR1:32093003	SSF x Far_LoA	-6,59334061	-0,172	0,299
CHR1	32093107	CHR1:32093107	SSF x Far_LoA	-9,77434561	0,087	0,313
CHR1	32093109	CHR1:32093109	SSF x Far_LoA	-6,98819607	-0,172	0,303
CHR1	32112641	CHR1:32112641	SSF x Far_LoA	9,19523747	-0,181	0,300
CHR1	32112687	CHR1:32112687	SSF x Far_LoA	-8,54407708	0,086	0,301
CHR1	32112811	CHR1:32112811	SSF x Far_LoA	-5,90295744	-0,175	0,290
CHR1	32112817	CHR1:32112817	SSF x Far_LoA	-7,40287174	-0,160	0,302
CHR1	32112939	CHR1:32112939	SSF x Far_LoA	-7,53613794	0,052	0,307
CHR1	32125665	CHR1:32125665	SSF x Far_LoA	-10,7227866	-0,078	0,311
CHR1	32127731	CHR1:32127731	SSF x Far_LoA	-8,69432279	-0,002	0,313
CHR1	32132767	CHR1:32132767	SSF x Far_LoA	-11,1407258	0,029	0,303
CHR1	32132792	CHR1:32132792	SSF x Far_LoA	-7,65254565	-0,153	0,303
CHR1	32132808	CHR1:32132808	SSF x Far_LoA	-2,51700621	-0,163	0,306
CHR1	32144299	CHR1:32144299	SSF x Far_LoA	-7,25545843	0,059	0,312
CHR1	32144797	CHR1:32144797	SSF x Far_LoA	-4,02869771	-0,199	0,294
CHR1	32144826	CHR1:32144826	SSF x Far_LoA	-4,19419857	-0,178	0,301
CHR1	32150340	CHR1:32150340	SSF x Far_LoA	-11,0282561	0,018	0,300
CHR1	32150368	CHR1:32150368	SSF x Far_LoA	-8,58077724	-0,103	0,312
CHR1	32161717	CHR1:32161717	SSF x Far_LoA	-6,40481355	-0,193	0,293
CHR1	32161824	CHR1:32161824	SSF x Far_LoA	-8,56886631	0,003	0,314
CHR1	32161895	CHR1:32161895	SSF x Far_LoA	-11,6375265	0,020	0,309
CHR1	32177311	CHR1:32177311	SSF x Far_LoA	2,97433652	-0,165	0,291
CHR1	32177419	CHR1:32177419	SSF x Far_LoA	-4,32447238	0,206	0,291
CHR1	32177435	CHR1:32177435	SSF x Far_LoA	-8,63589701	-0,117	0,309
CHR1	32177436	CHR1:32177436	SSF x Far_LoA	-7,90640595	-0,073	0,310
CHR1	32177508	CHR1:32177508	SSF x Far_LoA	-8,41722208	-0,123	0,295
CHR1	32177550	CHR1:32177550	SSF x Far_LoA	-6,72755818	-0,110	0,302
CHR1	3218439	CHR1:3218439	SSF x Far_LoA	-5,98035197	-0,221	0,296
CHR1	3218441	CHR1:3218441	SSF x Far_LoA	-8,90645938	-0,062	0,315
CHR1	3218502	CHR1:3218502	SSF x Far_LoA	-11,689716	-0,008	0,305
CHR1	3218674	CHR1:3218674	SSF x Far_LoA	-8,57601868	0,043	0,313
CHR1	3218682	CHR1:3218682	SSF x Far_LoA	-9,08346268	0,030	0,305
CHR1	3218701	CHR1:3218701	SSF x Far_LoA	-7,21424161	-0,014	0,323
CHR1	32189580	CHR1:32189580	SSF x Far_LoA	-3,52977431	-0,262	0,287
CHR1	32196957	CHR1:32196957	SSF x Far_LoA	-5,14166413	-0,197	0,292
CHR1	32197017	CHR1:32197017	SSF x Far_LoA	-3,75768962	-0,198	0,288
CHR1	32198777	CHR1:32198777	SSF x Far_LoA	-6,51038879	-0,174	0,290
CHR1	32201580	CHR1:32201580	SSF x Far_LoA	-8,91649838	-0,001	0,311
CHR1	32209794	CHR1:32209794	SSF x Far_LoA	-5,39955149	0,127	0,306
CHR1	32211939	CHR1:32211939	SSF x Far_LoA	-6,57956001	-0,022	0,310
CHR1	32216028	CHR1:32216028	SSF x Far_LoA	-10,8877692	-0,031	0,291
CHR1	32218720	CHR1:32218720	SSF x Far_LoA	-7,83629584	-0,031	0,295
CHR1	32224027	CHR1:32224027	SSF x Far_LoA	-10,3608974	0,061	0,311

CHR1	32228582	CHR1:32228582	SSF x Far_LoA	-7,337213	0,137	0,287
CHR1	32232351	CHR1:32232351	SSF x Far_LoA	-11,4671251	-0,015	0,306
CHR1	32250012	CHR1:32250012	SSF x Far_LoA	-10,6258825	0,068	0,310
CHR1	32250064	CHR1:32250064	SSF x Far_LoA	-11,5904516	0,059	0,308
CHR1	32274376	CHR1:32274376	SSF x Far_LoA	-1,24565713	-0,210	0,288
CHR1	3236230	CHR1:3236230	SSF x Far_LoA	-11,0097504	0,005	0,298
CHR1	3236373	CHR1:3236373	SSF x Far_LoA	-8,97884161	0,004	0,315
CHR1	3240911	CHR1:3240911	SSF x Far_LoA	-9,9061693	0,157	0,303
CHR1	3240934	CHR1:3240934	SSF x Far_LoA	-10,002936	0,094	0,300
CHR1	3241060	CHR1:3241060	SSF x Far_LoA	-9,28708244	0,132	0,303
CHR1	3241133	CHR1:3241133	SSF x Far_LoA	-7,18688392	-0,123	0,312
CHR1	3250009	CHR1:3250009	SSF x Far_LoA	-7,69315827	0,112	0,309
CHR1	3250038	CHR1:3250038	SSF x Far_LoA	-11,3142583	-0,043	0,312
CHR1	3253504	CHR1:3253504	SSF x Far_LoA	-10,9063954	-0,031	0,306
CHR1	3255444	CHR1:3255444	SSF x Far_LoA	-7,111349	0,113	0,288
CHR1	3255469	CHR1:3255469	SSF x Far_LoA	-8,00867435	-0,150	0,315
CHR1	3255603	CHR1:3255603	SSF x Far_LoA	-10,3234828	-0,101	0,300
CHR1	3266902	CHR1:3266902	SSF x Far_LoA	-9,07906134	0,090	0,310
CHR1	3271981	CHR1:3271981	SSF x Far_LoA	-9,03742513	0,042	0,299
CHR1	3277393	CHR1:3277393	SSF x Far_LoA	-9,92275077	-0,110	0,317
CHR1	3277420	CHR1:3277420	SSF x Far_LoA	-9,55143736	0,025	0,304
CHR1	3277444	CHR1:3277444	SSF x Far_LoA	-11,2200836	-0,050	0,301
CHR1	3277446	CHR1:3277446	SSF x Far_LoA	-8,22253408	-0,053	0,315
CHR1	3290183	CHR1:3290183	SSF x Far_LoA	-7,70876504	0,052	0,307
CHR1	3290189	CHR1:3290189	SSF x Far_LoA	-9,19805275	-0,055	0,290
CHR1	3293528	CHR1:3293528	SSF x Far_LoA	-9,6541033	-0,070	0,317
CHR1	3293603	CHR1:3293603	SSF x Far_LoA	-6,87186753	-0,037	0,307
CHR1	3293604	CHR1:3293604	SSF x Far_LoA	-8,92857559	-0,022	0,305
CHR1	3293660	CHR1:3293660	SSF x Far_LoA	-8,68164724	-0,065	0,321
CHR1	3293661	CHR1:3293661	SSF x Far_LoA	-9,1950898	-0,033	0,319
CHR1	3295352	CHR1:3295352	SSF x Far_LoA	-8,07673047	-0,122	0,310
CHR1	3295476	CHR1:3295476	SSF x Far_LoA	-9,71277441	-0,123	0,310
CHR1	3295531	CHR1:3295531	SSF x Far_LoA	-6,76163394	-0,068	0,308
CHR1	3296963	CHR1:3296963	SSF x Far_LoA	-10,374285	-0,040	0,317
CHR1	3312631	CHR1:3312631	SSF x Far_LoA	-9,47411057	-0,050	0,316
CHR1	331655	CHR1:331655	SSF x Far_LoA	-10,9480902	-0,009	0,303
CHR1	331671	CHR1:331671	SSF x Far_LoA	-10,0444409	-0,026	0,318
CHR1	331716	CHR1:331716	SSF x Far_LoA	-9,04547823	-0,136	0,298
CHR1	3335075	CHR1:3335075	SSF x Far_LoA	-9,57103601	0,014	0,301
CHR1	3335080	CHR1:3335080	SSF x Far_LoA	-7,08356957	0,102	0,294
CHR1	3335151	CHR1:3335151	SSF x Far_LoA	-6,43012189	-0,125	0,308
CHR1	3335152	CHR1:3335152	SSF x Far_LoA	-8,99799346	-0,127	0,316
CHR1	3335269	CHR1:3335269	SSF x Far_LoA	-6,46327245	0,075	0,297
CHR1	3335323	CHR1:3335323	SSF x Far_LoA	-10,3973803	0,013	0,301
CHR1	3345889	CHR1:3345889	SSF x Far_LoA	-3,82738788	0,203	0,294
CHR1	3345904	CHR1:3345904	SSF x Far_LoA	-9,12101948	-0,017	0,303
CHR1	3345949	CHR1:3345949	SSF x Far_LoA	-0,78896875	-0,095	0,286
CHR1	3352522	CHR1:3352522	SSF x Far_LoA	-7,4545963	0,026	0,315
CHR1	3352545	CHR1:3352545	SSF x Far_LoA	-10,0545021	-0,036	0,319
CHR1	3352583	CHR1:3352583	SSF x Far_LoA	-9,45481425	-0,051	0,303
CHR1	3352645	CHR1:3352645	SSF x Far_LoA	-9,00084627	0,002	0,319
CHR1	3352651	CHR1:3352651	SSF x Far_LoA	-12,3324776	-0,112	0,292
CHR1	3360141	CHR1:3360141	SSF x Far_LoA	-9,58831692	0,028	0,305

CHR1	3360153	CHR1:3360153	SSF x Far_LoA	-5,88078426	-0,041	0,296
CHR1	3362768	CHR1:3362768	SSF x Far_LoA	-6,83442397	0,138	0,294
CHR1	3362794	CHR1:3362794	SSF x Far_LoA	-10,3044439	0,093	0,291
CHR1	3362807	CHR1:3362807	SSF x Far_LoA	-9,14411081	0,020	0,304
CHR1	3367720	CHR1:3367720	SSF x Far_LoA	-10,9472036	-0,084	0,301
CHR1	3367802	CHR1:3367802	SSF x Far_LoA	-10,6074891	0,007	0,288
CHR1	3367808	CHR1:3367808	SSF x Far_LoA	-10,5214433	-0,022	0,312
CHR1	3367930	CHR1:3367930	SSF x Far_LoA	-10,9518433	-0,093	0,311
CHR1	3367956	CHR1:3367956	SSF x Far_LoA	-7,4989656	0,192	0,304
CHR1	3371282	CHR1:3371282	SSF x Far_LoA	-7,95712878	0,156	0,313
CHR1	3371283	CHR1:3371283	SSF x Far_LoA	-9,9738766	-0,037	0,303
CHR1	3371294	CHR1:3371294	SSF x Far_LoA	-9,09399208	-0,048	0,308
CHR1	3381910	CHR1:3381910	SSF x Far_LoA	-5,79272443	0,215	0,300
CHR1	3381958	CHR1:3381958	SSF x Far_LoA	-8,31837671	0,159	0,302
CHR1	3381987	CHR1:3381987	SSF x Far_LoA	-7,22908537	0,113	0,301
CHR1	3382062	CHR1:3382062	SSF x Far_LoA	-7,79406498	0,064	0,304
CHR1	3382097	CHR1:3382097	SSF x Far_LoA	-8,3541331	0,080	0,315
CHR1	3382117	CHR1:3382117	SSF x Far_LoA	-9,27492588	0,012	0,309
CHR1	3382977	CHR1:3382977	SSF x Far_LoA	-11,451299	-0,071	0,319
CHR1	3383044	CHR1:3383044	SSF x Far_LoA	-11,1618763	0,016	0,303
CHR1	3389429	CHR1:3389429	SSF x Far_LoA	-9,93426241	-0,008	0,313
CHR1	3389640	CHR1:3389640	SSF x Far_LoA	-11,2098318	0,131	0,298
CHR1	3405280	CHR1:3405280	SSF x Far_LoA	-8,54665704	-0,054	0,312
CHR1	3405288	CHR1:3405288	SSF x Far_LoA	-8,95869691	-0,016	0,309
CHR1	3405289	CHR1:3405289	SSF x Far_LoA	-8,86483886	-0,059	0,311
CHR1	3405310	CHR1:3405310	SSF x Far_LoA	-9,32239123	-0,014	0,304
CHR1	3405364	CHR1:3405364	SSF x Far_LoA	-8,65608726	-0,164	0,302
CHR1	3407407	CHR1:3407407	SSF x Far_LoA	-10,919682	0,082	0,306
CHR1	3407427	CHR1:3407427	SSF x Far_LoA	-10,4881311	-0,013	0,312
CHR1	3407444	CHR1:3407444	SSF x Far_LoA	-8,91549888	0,057	0,289
CHR1	3411455	CHR1:3411455	SSF x Far_LoA	-10,7762999	0,151	0,287
CHR1	3421480	CHR1:3421480	SSF x Far_LoA	-8,97751204	-0,021	0,314
CHR1	3421552	CHR1:3421552	SSF x Far_LoA	-9,9124593	-0,006	0,306
CHR1	3421590	CHR1:3421590	SSF x Far_LoA	-10,7911451	-0,023	0,323
CHR1	3425836	CHR1:3425836	SSF x Far_LoA	-5,35047924	0,137	0,292
CHR1	3425882	CHR1:3425882	SSF x Far_LoA	-12,1230834	0,074	0,299
CHR1	3427043	CHR1:3427043	SSF x Far_LoA	-9,49146874	0,023	0,323
CHR1	3427112	CHR1:3427112	SSF x Far_LoA	-9,2712688	0,031	0,305
CHR1	3427204	CHR1:3427204	SSF x Far_LoA	-8,68079496	0,051	0,318
CHR1	3427207	CHR1:3427207	SSF x Far_LoA	-7,34724111	-0,016	0,313
CHR1	3446722	CHR1:3446722	SSF x Far_LoA	-10,2181697	-0,075	0,306
CHR1	3452930	CHR1:3452930	SSF x Far_LoA	-9,86654912	-0,036	0,303
CHR1	3452938	CHR1:3452938	SSF x Far_LoA	-9,0932999	-0,071	0,302
CHR1	3452978	CHR1:3452978	SSF x Far_LoA	-9,48423046	-0,051	0,318
CHR1	3452989	CHR1:3452989	SSF x Far_LoA	-8,77158858	0,089	0,294
CHR1	3453051	CHR1:3453051	SSF x Far_LoA	-10,4571939	0,004	0,301
CHR1	3453052	CHR1:3453052	SSF x Far_LoA	-7,85795017	-0,023	0,303
CHR1	3453066	CHR1:3453066	SSF x Far_LoA	-9,79279316	0,058	0,299
CHR1	3455360	CHR1:3455360	SSF x Far_LoA	-9,54253436	-0,078	0,305
CHR1	3455364	CHR1:3455364	SSF x Far_LoA	-9,87129216	-0,071	0,299
CHR1	3455378	CHR1:3455378	SSF x Far_LoA	-7,98904558	0,046	0,313
CHR1	3455385	CHR1:3455385	SSF x Far_LoA	-11,2174094	0,066	0,301
CHR1	3455394	CHR1:3455394	SSF x Far_LoA	-9,07764058	-0,050	0,302

CHR1	3455395	CHR1:3455395	SSF x Far_LoA	-8,97875005	0,116	0,292
CHR1	3455474	CHR1:3455474	SSF x Far_LoA	-8,97704738	0,094	0,295
CHR1	3455616	CHR1:3455616	SSF x Far_LoA	-9,00335645	-0,006	0,306
CHR1	3455660	CHR1:3455660	SSF x Far_LoA	-5,58864209	0,042	0,300
CHR1	3455668	CHR1:3455668	SSF x Far_LoA	-9,51633519	-0,023	0,306
CHR1	346207	CHR1:346207	SSF x Far_LoA	7,43588976	0,050	0,289
CHR1	346233	CHR1:346233	SSF x Far_LoA	-8,6883693	0,028	0,303
CHR1	346251	CHR1:346251	SSF x Far_LoA	-10,4672277	-0,085	0,303
CHR1	3472484	CHR1:3472484	SSF x Far_LoA	-9,29071551	0,026	0,298
CHR1	3472520	CHR1:3472520	SSF x Far_LoA	-8,02336882	0,177	0,286
CHR1	3472526	CHR1:3472526	SSF x Far_LoA	-8,7014667	0,075	0,328
CHR1	3472542	CHR1:3472542	SSF x Far_LoA	-6,19226464	-0,109	0,309
CHR1	3472567	CHR1:3472567	SSF x Far_LoA	-4,75408414	-0,221	0,293
CHR1	3478338	CHR1:3478338	SSF x Far_LoA	-3,16625273	-0,213	0,282
CHR1	3478349	CHR1:3478349	SSF x Far_LoA	-7,93892135	-0,015	0,313
CHR1	3481388	CHR1:3481388	SSF x Far_LoA	-9,05527605	0,029	0,288
CHR1	3481426	CHR1:3481426	SSF x Far_LoA	-10,4949208	-0,005	0,301
CHR1	3481468	CHR1:3481468	SSF x Far_LoA	-11,247715	-0,022	0,303
CHR1	348179	CHR1:348179	SSF x Far_LoA	-8,52440034	-0,039	0,299
CHR1	348208	CHR1:348208	SSF x Far_LoA	-9,19966919	0,021	0,304
CHR1	3482702	CHR1:3482702	SSF x Far_LoA	-8,41290989	0,042	0,307
CHR1	348295	CHR1:348295	SSF x Far_LoA	-8,1727594	0,038	0,316
CHR1	3490632	CHR1:3490632	SSF x Far_LoA	-8,30225452	0,201	0,296
CHR1	3494325	CHR1:3494325	SSF x Far_LoA	-7,68801892	0,071	0,306
CHR1	3494371	CHR1:3494371	SSF x Far_LoA	-8,02553728	-0,108	0,309
CHR1	3494405	CHR1:3494405	SSF x Far_LoA	-10,3252669	0,045	0,294
CHR1	3494423	CHR1:3494423	SSF x Far_LoA	-12,1769701	0,032	0,293
CHR1	3497714	CHR1:3497714	SSF x Far_LoA	-9,21945548	-0,093	0,305
CHR1	3497742	CHR1:3497742	SSF x Far_LoA	-9,24241635	0,013	0,306
CHR1	3497760	CHR1:3497760	SSF x Far_LoA	-10,0488394	-0,116	0,297
CHR1	3497767	CHR1:3497767	SSF x Far_LoA	-9,57330744	0,060	0,305
CHR1	3497912	CHR1:3497912	SSF x Far_LoA	-5,03690087	0,109	0,297
CHR1	3497913	CHR1:3497913	SSF x Far_LoA	-7,61853932	0,147	0,295
CHR1	3509817	CHR1:3509817	SSF x Far_LoA	-8,44057116	0,028	0,307
CHR1	3514486	CHR1:3514486	SSF x Far_LoA	-9,20481712	-0,049	0,320
CHR1	3514511	CHR1:3514511	SSF x Far_LoA	-10,4194213	-0,038	0,303
CHR1	3514604	CHR1:3514604	SSF x Far_LoA	-8,38842695	-0,053	0,302
CHR1	3514642	CHR1:3514642	SSF x Far_LoA	-9,81667157	-0,033	0,299
CHR1	3514719	CHR1:3514719	SSF x Far_LoA	-9,97198634	0,055	0,307
CHR1	3526169	CHR1:3526169	SSF x Far_LoA	-9,17608634	0,016	0,316
CHR1	3526230	CHR1:3526230	SSF x Far_LoA	-10,7470027	-0,008	0,303
CHR1	3529378	CHR1:3529378	SSF x Far_LoA	-10,4815488	-0,087	0,304
CHR1	3532191	CHR1:3532191	SSF x Far_LoA	-8,7213698	-0,002	0,311
CHR1	3532216	CHR1:3532216	SSF x Far_LoA	-2,67655114	-0,146	0,311
CHR1	3532248	CHR1:3532248	SSF x Far_LoA	-9,67568198	0,044	0,313
CHR1	3532264	CHR1:3532264	SSF x Far_LoA	-4,4193097	-0,131	0,305
CHR1	3532281	CHR1:3532281	SSF x Far_LoA	-7,09092566	0,078	0,316
CHR1	3532353	CHR1:3532353	SSF x Far_LoA	-7,54835088	-0,137	0,327
CHR1	3542656	CHR1:3542656	SSF x Far_LoA	-12,1569262	0,009	0,314
CHR1	3542695	CHR1:3542695	SSF x Far_LoA	-9,48030011	0,027	0,281
CHR1	3542751	CHR1:3542751	SSF x Far_LoA	-9,37066073	-0,096	0,318
CHR1	3542777	CHR1:3542777	SSF x Far_LoA	-9,3589326	0,031	0,309
CHR1	3542783	CHR1:3542783	SSF x Far_LoA	-8,83964886	0,060	0,292

CHR1	3542788	CHR1:3542788	SSF x Far_LoA	-9,56569784	0,009	0,302
CHR1	3545111	CHR1:3545111	SSF x Far_LoA	-7,89705476	-0,043	0,300
CHR1	3545122	CHR1:3545122	SSF x Far_LoA	-10,9103867	-0,011	0,313
CHR1	3545207	CHR1:3545207	SSF x Far_LoA	-10,9294837	-0,001	0,315
CHR1	3545233	CHR1:3545233	SSF x Far_LoA	-11,614866	0,015	0,303
CHR1	3547820	CHR1:3547820	SSF x Far_LoA	-9,8701359	-0,022	0,304
CHR1	3547837	CHR1:3547837	SSF x Far_LoA	-10,9083268	0,011	0,307
CHR1	3547887	CHR1:3547887	SSF x Far_LoA	-4,99593044	-0,164	0,302
CHR1	3567225	CHR1:3567225	SSF x Far_LoA	-9,14923095	-0,071	0,313
CHR1	3567283	CHR1:3567283	SSF x Far_LoA	-8,16254128	-0,104	0,309
CHR1	3567301	CHR1:3567301	SSF x Far_LoA	-7,9782783	-0,030	0,310
CHR1	3567349	CHR1:3567349	SSF x Far_LoA	-10,0214298	-0,059	0,308
CHR1	3567376	CHR1:3567376	SSF x Far_LoA	-8,99351813	-0,075	0,314
CHR1	3577051	CHR1:3577051	SSF x Far_LoA	-9,51400748	-0,055	0,303
CHR1	3577074	CHR1:3577074	SSF x Far_LoA	-11,124768	0,081	0,314
CHR1	3577077	CHR1:3577077	SSF x Far_LoA	-10,3390808	0,007	0,303
CHR1	3577082	CHR1:3577082	SSF x Far_LoA	-7,42540182	0,022	0,313
CHR1	3577130	CHR1:3577130	SSF x Far_LoA	-9,02942243	-0,067	0,295
CHR1	3577154	CHR1:3577154	SSF x Far_LoA	-10,7620327	-0,024	0,302
CHR1	3593820	CHR1:3593820	SSF x Far_LoA	-11,4535533	-0,051	0,295
CHR1	3596400	CHR1:3596400	SSF x Far_LoA	-7,43610974	0,066	0,307
CHR1	3596408	CHR1:3596408	SSF x Far_LoA	-8,9845608	0,072	0,316
CHR1	3601223	CHR1:3601223	SSF x Far_LoA	-7,75351319	-0,092	0,298
CHR1	3601271	CHR1:3601271	SSF x Far_LoA	-8,50196079	0,062	0,312
CHR1	3601334	CHR1:3601334	SSF x Far_LoA	-7,54579829	0,119	0,309
CHR1	3601480	CHR1:3601480	SSF x Far_LoA	-10,0152538	0,121	0,302
CHR1	3616130	CHR1:3616130	SSF x Far_LoA	-10,0398769	0,019	0,315
CHR1	3616161	CHR1:3616161	SSF x Far_LoA	-8,09269735	0,146	0,296
CHR1	3616187	CHR1:3616187	SSF x Far_LoA	-9,48633352	0,017	0,302
CHR1	3616244	CHR1:3616244	SSF x Far_LoA	-8,5311221	-0,146	0,302
CHR1	3620273	CHR1:3620273	SSF x Far_LoA	-8,46398657	0,094	0,300
CHR1	3620287	CHR1:3620287	SSF x Far_LoA	-10,2359235	0,070	0,305
CHR1	3623597	CHR1:3623597	SSF x Far_LoA	-7,21644697	0,162	0,293
CHR1	3623616	CHR1:3623616	SSF x Far_LoA	-9,64689048	-0,079	0,300
CHR1	3623697	CHR1:3623697	SSF x Far_LoA	-8,94277785	0,031	0,294
CHR1	3631892	CHR1:3631892	SSF x Far_LoA	-9,75919753	-0,081	0,298
CHR1	3643296	CHR1:3643296	SSF x Far_LoA	-11,4857977	-0,038	0,297
CHR1	3643312	CHR1:3643312	SSF x Far_LoA	-10,4856691	0,113	0,300
CHR1	3644924	CHR1:3644924	SSF x Far_LoA	-9,95869383	-0,030	0,312
CHR1	3667574	CHR1:3667574	SSF x Far_LoA	-9,90637272	-0,033	0,306
CHR1	3679137	CHR1:3679137	SSF x Far_LoA	-9,45333069	0,129	0,306
CHR1	3682223	CHR1:3682223	SSF x Far_LoA	-11,0157035	0,069	0,298
CHR1	3694368	CHR1:3694368	SSF x Far_LoA	-10,692188	0,080	0,300
CHR1	3695285	CHR1:3695285	SSF x Far_LoA	-10,3435873	0,112	0,292
CHR1	3695288	CHR1:3695288	SSF x Far_LoA	-10,2643128	0,117	0,295
CHR1	3695294	CHR1:3695294	SSF x Far_LoA	-10,0749602	-0,060	0,299
CHR1	3708219	CHR1:3708219	SSF x Far_LoA	-10,4398387	0,043	0,312
CHR1	3709419	CHR1:3709419	SSF x Far_LoA	-8,15153099	0,136	0,286
CHR1	3709496	CHR1:3709496	SSF x Far_LoA	-7,89077538	-0,079	0,299
CHR1	3711644	CHR1:3711644	SSF x Far_LoA	-9,95259968	-0,007	0,299
CHR1	3715332	CHR1:3715332	SSF x Far_LoA	-11,0952963	0,025	0,297
CHR1	3715357	CHR1:3715357	SSF x Far_LoA	-8,23441396	-0,098	0,301
CHR1	3715360	CHR1:3715360	SSF x Far_LoA	-10,4707143	0,072	0,300

CHR1	3715374	CHR1:3715374	SSF x Far_LoA	-11,7429622	-0,062	0,299
CHR1	3715446	CHR1:3715446	SSF x Far_LoA	-11,8326799	0,007	0,311
CHR1	3717393	CHR1:3717393	SSF x Far_LoA	-9,14755861	0,041	0,301
CHR1	3717474	CHR1:3717474	SSF x Far_LoA	-9,93894785	-0,044	0,295
CHR1	3717551	CHR1:3717551	SSF x Far_LoA	-9,27998433	0,157	0,301
CHR1	3717576	CHR1:3717576	SSF x Far_LoA	-8,29788671	0,071	0,317
CHR1	3717590	CHR1:3717590	SSF x Far_LoA	-10,4348075	-0,020	0,308
CHR1	3717619	CHR1:3717619	SSF x Far_LoA	-7,50781625	0,056	0,285
CHR1	3719803	CHR1:3719803	SSF x Far_LoA	-9,04418771	0,023	0,318
CHR1	3730170	CHR1:3730170	SSF x Far_LoA	-8,79249403	0,052	0,318
CHR1	3730211	CHR1:3730211	SSF x Far_LoA	-10,8054747	0,073	0,307
CHR1	3730333	CHR1:3730333	SSF x Far_LoA	-11,4199812	0,073	0,300
CHR1	373360	CHR1:373360	SSF x Far_LoA	-6,83653965	0,076	0,301
CHR1	3737372	CHR1:3737372	SSF x Far_LoA	-9,9162913	-0,040	0,301
CHR1	3737405	CHR1:3737405	SSF x Far_LoA	-9,13519941	-0,115	0,302
CHR1	3742098	CHR1:3742098	SSF x Far_LoA	-9,85735194	-0,158	0,278
CHR1	3742121	CHR1:3742121	SSF x Far_LoA	-4,24104728	-0,086	0,298
CHR1	3742122	CHR1:3742122	SSF x Far_LoA	-9,83049725	-0,010	0,318
CHR1	3748091	CHR1:3748091	SSF x Far_LoA	-9,51303147	-0,088	0,310
CHR1	3775578	CHR1:3775578	SSF x Far_LoA	-8,5576016	-0,041	0,310
CHR1	3775580	CHR1:3775580	SSF x Far_LoA	-10,775084	-0,135	0,296
CHR1	3775601	CHR1:3775601	SSF x Far_LoA	-7,60028388	-0,142	0,309
CHR1	3787263	CHR1:3787263	SSF x Far_LoA	-11,2631606	-0,002	0,326
CHR1	3787324	CHR1:3787324	SSF x Far_LoA	5,3382934	0,002	0,315
CHR1	3801378	CHR1:3801378	SSF x Far_LoA	-9,48191718	-0,066	0,301
CHR1	3801408	CHR1:3801408	SSF x Far_LoA	-8,9930106	0,015	0,317
CHR1	380609	CHR1:380609	SSF x Far_LoA	-4,30958663	-0,110	0,317
CHR1	3806842	CHR1:3806842	SSF x Far_LoA	-8,50111481	-0,079	0,303
CHR1	3806910	CHR1:3806910	SSF x Far_LoA	-1,66996765	-0,016	0,303
CHR1	3810405	CHR1:3810405	SSF x Far_LoA	-11,5189942	-0,046	0,311
CHR1	3810558	CHR1:3810558	SSF x Far_LoA	-7,88004354	-0,031	0,304
CHR1	3810646	CHR1:3810646	SSF x Far_LoA	-10,8543901	0,015	0,288
CHR1	3815711	CHR1:3815711	SSF x Far_LoA	-8,36287927	0,080	0,295
CHR1	3815735	CHR1:3815735	SSF x Far_LoA	-8,65797185	0,023	0,318
CHR1	3815745	CHR1:3815745	SSF x Far_LoA	-11,4451763	0,018	0,307
CHR1	3815828	CHR1:3815828	SSF x Far_LoA	-10,5077792	0,048	0,297
CHR1	3815864	CHR1:3815864	SSF x Far_LoA	-10,5212189	0,009	0,310
CHR1	3815871	CHR1:3815871	SSF x Far_LoA	-9,39218153	-0,093	0,312
CHR1	3820320	CHR1:3820320	SSF x Far_LoA	-8,49024777	0,086	0,308
CHR1	3820449	CHR1:3820449	SSF x Far_LoA	-10,8596125	-0,039	0,306
CHR1	3820474	CHR1:3820474	SSF x Far_LoA	-10,243888	-0,023	0,299
CHR1	382373	CHR1:382373	SSF x Far_LoA	-8,68591473	-0,035	0,317
CHR1	3836760	CHR1:3836760	SSF x Far_LoA	-11,2516533	-0,089	0,314
CHR1	3836816	CHR1:3836816	SSF x Far_LoA	-8,48888596	0,097	0,296
CHR1	3836831	CHR1:3836831	SSF x Far_LoA	-8,01941808	0,120	0,296
CHR1	3836837	CHR1:3836837	SSF x Far_LoA	-11,8059142	0,045	0,315
CHR1	3836838	CHR1:3836838	SSF x Far_LoA	-4,1547591	0,214	0,297
CHR1	3841538	CHR1:3841538	SSF x Far_LoA	-8,83038964	-0,063	0,318
CHR1	3841549	CHR1:3841549	SSF x Far_LoA	-9,0886212	-0,132	0,295
CHR1	3841555	CHR1:3841555	SSF x Far_LoA	-11,7004514	-0,047	0,297
CHR1	3841585	CHR1:3841585	SSF x Far_LoA	-8,93816814	-0,010	0,285
CHR1	3847979	CHR1:3847979	SSF x Far_LoA	-10,2280251	0,089	0,298
CHR1	3848053	CHR1:3848053	SSF x Far_LoA	-7,00195762	0,051	0,314

CHR1	3848084	CHR1:3848084	SSF x Far_LoA	-9,88323159	0,032	0,305
CHR1	3849460	CHR1:3849460	SSF x Far_LoA	-9,45422603	0,050	0,309
CHR1	3849475	CHR1:3849475	SSF x Far_LoA	-10,7092333	0,080	0,308
CHR1	3849508	CHR1:3849508	SSF x Far_LoA	-8,32272198	0,076	0,293
CHR1	3849578	CHR1:3849578	SSF x Far_LoA	-11,0889524	-0,031	0,306
CHR1	3863411	CHR1:3863411	SSF x Far_LoA	-6,00149754	0,141	0,294
CHR1	3876409	CHR1:3876409	SSF x Far_LoA	-8,12976931	0,010	0,310
CHR1	388550	CHR1:388550	SSF x Far_LoA	-8,09178513	-0,116	0,308
CHR1	388786	CHR1:388786	SSF x Far_LoA	-12,4716921	-0,005	0,291
CHR1	388898	CHR1:388898	SSF x Far_LoA	-12,5117606	0,006	0,304
CHR1	3899368	CHR1:3899368	SSF x Far_LoA	-10,7348801	0,007	0,303
CHR1	3899378	CHR1:3899378	SSF x Far_LoA	-10,8144364	0,025	0,293
CHR1	3913836	CHR1:3913836	SSF x Far_LoA	-5,66889889	-0,085	0,303
CHR1	3913926	CHR1:3913926	SSF x Far_LoA	-12,133887	0,061	0,303
CHR1	3913929	CHR1:3913929	SSF x Far_LoA	-10,4598392	-0,064	0,316
CHR1	3913940	CHR1:3913940	SSF x Far_LoA	-11,3175838	0,036	0,297
CHR1	3914075	CHR1:3914075	SSF x Far_LoA	-8,8031732	-0,082	0,314
CHR1	3914077	CHR1:3914077	SSF x Far_LoA	-7,96099109	0,043	0,318
CHR1	3914086	CHR1:3914086	SSF x Far_LoA	-10,0936085	0,049	0,305
CHR1	3920892	CHR1:3920892	SSF x Far_LoA	-9,65144814	-0,019	0,315
CHR1	3920954	CHR1:3920954	SSF x Far_LoA	-11,141218	-0,027	0,293
CHR1	3920955	CHR1:3920955	SSF x Far_LoA	-9,9994864	0,024	0,304
CHR1	3920990	CHR1:3920990	SSF x Far_LoA	-10,7442913	0,010	0,312
CHR1	3942774	CHR1:3942774	SSF x Far_LoA	-10,1384059	-0,044	0,299
CHR1	3942798	CHR1:3942798	SSF x Far_LoA	-7,18703925	0,117	0,314
CHR1	3942858	CHR1:3942858	SSF x Far_LoA	-7,77304875	-0,176	0,291
CHR1	3943569	CHR1:3943569	SSF x Far_LoA	-11,382367	0,031	0,311
CHR1	3957744	CHR1:3957744	SSF x Far_LoA	-9,64427719	-0,065	0,312
CHR1	3957772	CHR1:3957772	SSF x Far_LoA	-9,29252851	-0,104	0,316
CHR1	3971442	CHR1:3971442	SSF x Far_LoA	-11,053399	0,069	0,298
CHR1	3972654	CHR1:3972654	SSF x Far_LoA	-1,31973297	-0,151	0,306
CHR1	3972709	CHR1:3972709	SSF x Far_LoA	-8,57108425	0,060	0,315
CHR1	3977561	CHR1:3977561	SSF x Far_LoA	-10,1410915	-0,063	0,299
CHR1	3977586	CHR1:3977586	SSF x Far_LoA	-11,2501455	-0,007	0,307
CHR1	3978767	CHR1:3978767	SSF x Far_LoA	-10,0586941	0,067	0,321
CHR1	3983768	CHR1:3983768	SSF x Far_LoA	-7,9382801	-0,106	0,309
CHR1	3983812	CHR1:3983812	SSF x Far_LoA	-8,61211098	0,148	0,300
CHR1	3983925	CHR1:3983925	SSF x Far_LoA	-9,68573156	-0,062	0,306
CHR1	3987249	CHR1:3987249	SSF x Far_LoA	-11,2202991	0,042	0,306
CHR1	3987262	CHR1:3987262	SSF x Far_LoA	-10,6639723	0,030	0,308
CHR1	3987324	CHR1:3987324	SSF x Far_LoA	-10,8848185	-0,070	0,303
CHR1	399009	CHR1:399009	SSF x Far_LoA	-10,2333657	0,020	0,296
CHR1	3992737	CHR1:3992737	SSF x Far_LoA	-7,39162977	-0,131	0,318
CHR1	3992759	CHR1:3992759	SSF x Far_LoA	-10,1610728	-0,009	0,305
CHR1	400816	CHR1:400816	SSF x Far_LoA	-10,140461	-0,062	0,305
CHR1	4010858	CHR1:4010858	SSF x Far_LoA	-10,5936447	0,000	0,307
CHR1	4010884	CHR1:4010884	SSF x Far_LoA	-5,84583582	0,122	0,308
CHR1	4010910	CHR1:4010910	SSF x Far_LoA	-9,78577705	0,035	0,300
CHR1	4010916	CHR1:4010916	SSF x Far_LoA	-5,43521625	0,122	0,308
CHR1	4010920	CHR1:4010920	SSF x Far_LoA	-4,70634416	-0,144	0,300
CHR1	4010935	CHR1:4010935	SSF x Far_LoA	-6,43155525	-0,075	0,311
CHR1	4010939	CHR1:4010939	SSF x Far_LoA	-9,30431077	0,092	0,293
CHR1	4010942	CHR1:4010942	SSF x Far_LoA	-6,59249272	0,123	0,318

CHR1	4010953	CHR1:4010953	SSF x Far_LoA	-5,31193922	-0,187	0,297
CHR1	4013700	CHR1:4013700	SSF x Far_LoA	-10,2978865	0,066	0,305
CHR1	4015183	CHR1:4015183	SSF x Far_LoA	3,19756328	0,083	0,325
CHR1	4015196	CHR1:4015196	SSF x Far_LoA	-0,63660629	0,053	0,317
CHR1	4021291	CHR1:4021291	SSF x Far_LoA	-9,32432837	0,015	0,305
CHR1	4021394	CHR1:4021394	SSF x Far_LoA	-10,2289052	-0,091	0,314
CHR1	4021531	CHR1:4021531	SSF x Far_LoA	-8,32638457	-0,117	0,310
CHR1	4021608	CHR1:4021608	SSF x Far_LoA	-5,65735541	0,155	0,305
CHR1	4031828	CHR1:4031828	SSF x Far_LoA	-8,35729567	0,025	0,302
CHR1	4031904	CHR1:4031904	SSF x Far_LoA	-9,06412422	0,057	0,321
CHR1	4052760	CHR1:4052760	SSF x Far_LoA	-10,1311078	0,116	0,308
CHR1	4052827	CHR1:4052827	SSF x Far_LoA	-9,35590473	0,072	0,292
CHR1	4052860	CHR1:4052860	SSF x Far_LoA	-9,13665642	0,055	0,322
CHR1	4060925	CHR1:4060925	SSF x Far_LoA	-10,6726292	0,099	0,293
CHR1	4061123	CHR1:4061123	SSF x Far_LoA	-11,6794152	-0,084	0,299
CHR1	4066271	CHR1:4066271	SSF x Far_LoA	-10,0788118	0,031	0,307
CHR1	4066493	CHR1:4066493	SSF x Far_LoA	-11,642745	0,047	0,292
CHR1	4080310	CHR1:4080310	SSF x Far_LoA	-10,5157559	0,005	0,307
CHR1	4082763	CHR1:4082763	SSF x Far_LoA	-9,55922456	0,001	0,293
CHR1	409593	CHR1:409593	SSF x Far_LoA	-6,37635011	-0,194	0,293
CHR1	409659	CHR1:409659	SSF x Far_LoA	-11,6884046	0,014	0,300
CHR1	410390	CHR1:410390	SSF x Far_LoA	-10,6345025	-0,035	0,305
CHR1	4111527	CHR1:4111527	SSF x Far_LoA	-7,47871309	0,049	0,300
CHR1	4113299	CHR1:4113299	SSF x Far_LoA	-7,90734981	0,156	0,292
CHR1	4113338	CHR1:4113338	SSF x Far_LoA	-10,5577214	-0,040	0,308
CHR1	4114850	CHR1:4114850	SSF x Far_LoA	-9,65454587	0,029	0,307
CHR1	412420	CHR1:412420	SSF x Far_LoA	-8,40408186	-0,057	0,295
CHR1	412429	CHR1:412429	SSF x Far_LoA	-2,29081736	-0,062	0,294
CHR1	412490	CHR1:412490	SSF x Far_LoA	-7,51150137	0,052	0,311
CHR1	4132151	CHR1:4132151	SSF x Far_LoA	-9,09403636	-0,036	0,320
CHR1	4132153	CHR1:4132153	SSF x Far_LoA	-10,8732012	-0,027	0,304
CHR1	4132167	CHR1:4132167	SSF x Far_LoA	-10,4784806	0,039	0,312
CHR1	4132176	CHR1:4132176	SSF x Far_LoA	-10,5313534	-0,026	0,316
CHR1	4132220	CHR1:4132220	SSF x Far_LoA	-10,5891441	-0,069	0,315
CHR1	4132234	CHR1:4132234	SSF x Far_LoA	-9,13157723	0,016	0,319
CHR1	4137715	CHR1:4137715	SSF x Far_LoA	-9,27881949	-0,125	0,313
CHR1	4137737	CHR1:4137737	SSF x Far_LoA	12,3666018	0,143	0,305
CHR1	4137781	CHR1:4137781	SSF x Far_LoA	-9,44338108	0,132	0,310
CHR1	4137795	CHR1:4137795	SSF x Far_LoA	-8,68092412	0,125	0,306
CHR1	4137840	CHR1:4137840	SSF x Far_LoA	-4,15649991	-0,139	0,307
CHR1	4137905	CHR1:4137905	SSF x Far_LoA	-0,69696504	-0,091	0,319
CHR1	4137956	CHR1:4137956	SSF x Far_LoA	-9,20550653	-0,076	0,310
CHR1	4137959	CHR1:4137959	SSF x Far_LoA	-11,4381794	0,102	0,287
CHR1	4144752	CHR1:4144752	SSF x Far_LoA	-7,53645337	0,166	0,301
CHR1	4144801	CHR1:4144801	SSF x Far_LoA	-11,7467384	0,026	0,305
CHR1	4146551	CHR1:4146551	SSF x Far_LoA	-7,75299172	0,113	0,304
CHR1	4146561	CHR1:4146561	SSF x Far_LoA	-9,96408653	-0,044	0,322
CHR1	4146562	CHR1:4146562	SSF x Far_LoA	-5,39621249	-0,063	0,302
CHR1	4146616	CHR1:4146616	SSF x Far_LoA	-10,2360155	0,093	0,295
CHR1	4149939	CHR1:4149939	SSF x Far_LoA	-11,3063931	-0,082	0,302
CHR1	4158849	CHR1:4158849	SSF x Far_LoA	-9,2272465	0,007	0,311
CHR1	4158910	CHR1:4158910	SSF x Far_LoA	-8,36608804	0,185	0,294
CHR1	4158933	CHR1:4158933	SSF x Far_LoA	-11,2800398	0,057	0,311

CHR1	4158959	CHR1:4158959	SSF x Far_LoA	-9,69815612	-0,102	0,306
CHR1	4160601	CHR1:4160601	SSF x Far_LoA	-10,9790278	-0,098	0,291
CHR1	4160660	CHR1:4160660	SSF x Far_LoA	-8,68672515	0,080	0,320
CHR1	4160712	CHR1:4160712	SSF x Far_LoA	-7,83712002	0,044	0,314
CHR1	4160719	CHR1:4160719	SSF x Far_LoA	-9,39600243	0,033	0,299
CHR1	4164569	CHR1:4164569	SSF x Far_LoA	-10,4542119	-0,040	0,309
CHR1	4164651	CHR1:4164651	SSF x Far_LoA	-8,05472132	0,139	0,301
CHR1	4164681	CHR1:4164681	SSF x Far_LoA	-9,80188702	-0,015	0,300
CHR1	4164744	CHR1:4164744	SSF x Far_LoA	-8,11518881	0,101	0,302
CHR1	4175853	CHR1:4175853	SSF x Far_LoA	-6,91871187	-0,023	0,311
CHR1	4186536	CHR1:4186536	SSF x Far_LoA	0,07305236	-0,085	0,302
CHR1	4186585	CHR1:4186585	SSF x Far_LoA	-10,0416174	0,041	0,307
CHR1	4193917	CHR1:4193917	SSF x Far_LoA	-9,8815342	0,148	0,289
CHR1	4194042	CHR1:4194042	SSF x Far_LoA	-9,72767689	0,168	0,294
CHR1	4194045	CHR1:4194045	SSF x Far_LoA	-9,44864305	-0,049	0,308
CHR1	4198290	CHR1:4198290	SSF x Far_LoA	-8,51294077	-0,055	0,313
CHR1	420503	CHR1:420503	SSF x Far_LoA	-8,20876753	-0,110	0,307
CHR1	420571	CHR1:420571	SSF x Far_LoA	-8,5482024	-0,147	0,293
CHR1	420742	CHR1:420742	SSF x Far_LoA	-9,76624955	-0,106	0,323
CHR1	4211219	CHR1:4211219	SSF x Far_LoA	-9,1278308	0,096	0,301
CHR1	4211247	CHR1:4211247	SSF x Far_LoA	-7,3487894	-0,104	0,296
CHR1	4211299	CHR1:4211299	SSF x Far_LoA	-11,2564863	-0,080	0,319
CHR1	4211306	CHR1:4211306	SSF x Far_LoA	-7,6128402	-0,030	0,305
CHR1	4211337	CHR1:4211337	SSF x Far_LoA	-8,36983636	-0,076	0,295
CHR1	4218446	CHR1:4218446	SSF x Far_LoA	-8,33211769	0,030	0,313
CHR1	4230285	CHR1:4230285	SSF x Far_LoA	-10,2669473	-0,059	0,318
CHR1	4230328	CHR1:4230328	SSF x Far_LoA	-7,48530373	-0,019	0,304
CHR1	4230343	CHR1:4230343	SSF x Far_LoA	-6,36439725	0,086	0,308
CHR1	4230477	CHR1:4230477	SSF x Far_LoA	-10,866234	-0,026	0,300
CHR1	4232628	CHR1:4232628	SSF x Far_LoA	-8,36137835	0,076	0,308
CHR1	4252513	CHR1:4252513	SSF x Far_LoA	-10,6517754	0,067	0,295
CHR1	4252556	CHR1:4252556	SSF x Far_LoA	-7,52235299	-0,137	0,291
CHR1	4254471	CHR1:4254471	SSF x Far_LoA	-5,45160156	0,263	0,284
CHR1	4263341	CHR1:4263341	SSF x Far_LoA	-11,4075015	0,044	0,307
CHR1	4282258	CHR1:4282258	SSF x Far_LoA	-9,8683426	0,051	0,304
CHR1	4282362	CHR1:4282362	SSF x Far_LoA	-8,81653727	0,037	0,313
CHR1	4282377	CHR1:4282377	SSF x Far_LoA	-10,6698644	0,020	0,300
CHR1	4282433	CHR1:4282433	SSF x Far_LoA	-9,56492667	0,023	0,314
CHR1	428245	CHR1:428245	SSF x Far_LoA	-8,01151407	0,162	0,300
CHR1	4289920	CHR1:4289920	SSF x Far_LoA	-8,73020698	0,008	0,308
CHR1	4289943	CHR1:4289943	SSF x Far_LoA	-10,1034944	-0,073	0,298
CHR1	4290098	CHR1:4290098	SSF x Far_LoA	-11,4728171	0,009	0,309
CHR1	4290139	CHR1:4290139	SSF x Far_LoA	-8,30585234	0,092	0,304
CHR1	4303231	CHR1:4303231	SSF x Far_LoA	-6,30714226	-0,130	0,303
CHR1	4304971	CHR1:4304971	SSF x Far_LoA	-10,1509942	0,008	0,303
CHR1	4304989	CHR1:4304989	SSF x Far_LoA	-8,27135109	-0,064	0,314
CHR1	4314520	CHR1:4314520	SSF x Far_LoA	-10,8980156	0,017	0,304
CHR1	4314562	CHR1:4314562	SSF x Far_LoA	-7,38168771	0,028	0,295
CHR1	4314586	CHR1:4314586	SSF x Far_LoA	-7,25855021	0,062	0,300
CHR1	4315254	CHR1:4315254	SSF x Far_LoA	-8,76655149	-0,101	0,316
CHR1	4315283	CHR1:4315283	SSF x Far_LoA	-9,74018655	-0,082	0,305
CHR1	4315427	CHR1:4315427	SSF x Far_LoA	-9,71994867	-0,082	0,294
CHR1	4332235	CHR1:4332235	SSF x Far_LoA	-11,5193986	0,000	0,299

CHR1	4333388	CHR1:4333388	SSF x Far_LoA	-10,1966702	-0,017	0,317
CHR1	4333400	CHR1:4333400	SSF x Far_LoA	-7,99646867	-0,068	0,316
CHR1	4337645	CHR1:4337645	SSF x Far_LoA	-9,96124071	0,004	0,303
CHR1	4337649	CHR1:4337649	SSF x Far_LoA	-9,58446198	0,012	0,302
CHR1	4337662	CHR1:4337662	SSF x Far_LoA	-8,19856826	-0,024	0,314
CHR1	4337750	CHR1:4337750	SSF x Far_LoA	-9,97557362	-0,001	0,298
CHR1	4337878	CHR1:4337878	SSF x Far_LoA	-4,2893238	-0,079	0,314
CHR1	4342560	CHR1:4342560	SSF x Far_LoA	-10,9325714	-0,010	0,309
CHR1	4354934	CHR1:4354934	SSF x Far_LoA	-10,9053567	0,048	0,310
CHR1	4354948	CHR1:4354948	SSF x Far_LoA	-7,15473285	-0,136	0,311
CHR1	4368350	CHR1:4368350	SSF x Far_LoA	-10,0823509	0,074	0,285
CHR1	4368447	CHR1:4368447	SSF x Far_LoA	-7,63567416	0,106	0,311
CHR1	4384869	CHR1:4384869	SSF x Far_LoA	-12,0918962	-0,016	0,299
CHR1	4393276	CHR1:4393276	SSF x Far_LoA	-7,07079018	-0,050	0,301
CHR1	4413534	CHR1:4413534	SSF x Far_LoA	-10,4745036	-0,085	0,297
CHR1	4413595	CHR1:4413595	SSF x Far_LoA	-9,88476355	0,023	0,302
CHR1	4413638	CHR1:4413638	SSF x Far_LoA	-10,3132362	0,003	0,304
CHR1	4413668	CHR1:4413668	SSF x Far_LoA	-8,99245942	-0,022	0,311
CHR1	4413747	CHR1:4413747	SSF x Far_LoA	-8,38751744	-0,029	0,305
CHR1	4413772	CHR1:4413772	SSF x Far_LoA	-9,57523124	-0,086	0,311
CHR1	4429808	CHR1:4429808	SSF x Far_LoA	-9,66359084	0,068	0,304
CHR1	4429809	CHR1:4429809	SSF x Far_LoA	-8,41765485	0,041	0,291
CHR1	4439784	CHR1:4439784	SSF x Far_LoA	-8,97030313	0,054	0,304
CHR1	4439816	CHR1:4439816	SSF x Far_LoA	-7,4342965	-0,007	0,318
CHR1	4439817	CHR1:4439817	SSF x Far_LoA	-7,73065812	-0,003	0,303
CHR1	4439850	CHR1:4439850	SSF x Far_LoA	-8,36544205	-0,026	0,303
CHR1	4439927	CHR1:4439927	SSF x Far_LoA	-6,22314289	0,119	0,300
CHR1	4439993	CHR1:4439993	SSF x Far_LoA	-8,28096497	-0,037	0,307
CHR1	444192	CHR1:444192	SSF x Far_LoA	-8,84804374	-0,097	0,300
CHR1	4443813	CHR1:4443813	SSF x Far_LoA	-7,51803577	0,053	0,305
CHR1	4443935	CHR1:4443935	SSF x Far_LoA	-8,69654606	0,060	0,302
CHR1	4446803	CHR1:4446803	SSF x Far_LoA	-9,10286727	0,051	0,306
CHR1	4446829	CHR1:4446829	SSF x Far_LoA	-11,4010474	-0,100	0,302
CHR1	4446833	CHR1:4446833	SSF x Far_LoA	-8,99222713	0,038	0,323
CHR1	4446905	CHR1:4446905	SSF x Far_LoA	-8,77299616	0,141	0,305
CHR1	4447082	CHR1:4447082	SSF x Far_LoA	-2,48129468	0,182	0,310
CHR1	4454540	CHR1:4454540	SSF x Far_LoA	-7,23786675	0,173	0,308
CHR1	4454574	CHR1:4454574	SSF x Far_LoA	-9,59980643	0,016	0,318
CHR1	445497	CHR1:445497	SSF x Far_LoA	-9,26792308	-0,098	0,301
CHR1	445690	CHR1:445690	SSF x Far_LoA	-9,64518729	0,053	0,301
CHR1	4460969	CHR1:4460969	SSF x Far_LoA	-11,6461901	-0,054	0,297
CHR1	4461008	CHR1:4461008	SSF x Far_LoA	-10,6707928	0,067	0,316
CHR1	4461015	CHR1:4461015	SSF x Far_LoA	-7,46077223	0,072	0,309
CHR1	4464394	CHR1:4464394	SSF x Far_LoA	-10,3608141	0,036	0,311
CHR1	4464581	CHR1:4464581	SSF x Far_LoA	-10,7938196	0,030	0,304
CHR1	4469392	CHR1:4469392	SSF x Far_LoA	-6,81186392	-0,066	0,308
CHR1	4481548	CHR1:4481548	SSF x Far_LoA	-9,23418275	0,045	0,317
CHR1	4481556	CHR1:4481556	SSF x Far_LoA	-10,8832682	-0,019	0,310
CHR1	4481630	CHR1:4481630	SSF x Far_LoA	-10,9998202	0,050	0,308
CHR1	4481654	CHR1:4481654	SSF x Far_LoA	-8,32487854	0,117	0,304
CHR1	4481708	CHR1:4481708	SSF x Far_LoA	-8,86286104	0,004	0,316
CHR1	4481721	CHR1:4481721	SSF x Far_LoA	-10,8008037	0,040	0,292
CHR1	4486869	CHR1:4486869	SSF x Far_LoA	-5,88695272	0,045	0,321

CHR1	4486874	CHR1:4486874	SSF x Far_LoA	-10,3446193	0,072	0,303
CHR1	4486893	CHR1:4486893	SSF x Far_LoA	-9,02766761	0,103	0,302
CHR1	4486896	CHR1:4486896	SSF x Far_LoA	-7,55807055	0,049	0,312
CHR1	4486901	CHR1:4486901	SSF x Far_LoA	-8,61964673	0,047	0,321
CHR1	4486972	CHR1:4486972	SSF x Far_LoA	-10,3227338	0,013	0,307
CHR1	4495070	CHR1:4495070	SSF x Far_LoA	-12,0682632	-0,063	0,302
CHR1	4495074	CHR1:4495074	SSF x Far_LoA	-11,3876336	-0,042	0,310
CHR1	4495120	CHR1:4495120	SSF x Far_LoA	-9,20795131	0,080	0,301
CHR1	4496476	CHR1:4496476	SSF x Far_LoA	-8,80913576	-0,058	0,310
CHR1	4496496	CHR1:4496496	SSF x Far_LoA	-11,2543294	-0,052	0,303
CHR1	4507141	CHR1:4507141	SSF x Far_LoA	-9,37519276	-0,045	0,284
CHR1	4507235	CHR1:4507235	SSF x Far_LoA	-9,46544481	0,016	0,300
CHR1	4507270	CHR1:4507270	SSF x Far_LoA	-6,40225836	0,033	0,310
CHR1	4518063	CHR1:4518063	SSF x Far_LoA	-5,70996716	0,156	0,295
CHR1	4518194	CHR1:4518194	SSF x Far_LoA	-10,3757468	0,011	0,295
CHR1	4520387	CHR1:4520387	SSF x Far_LoA	-10,2199251	-0,077	0,314
CHR1	4525031	CHR1:4525031	SSF x Far_LoA	-8,43171239	0,064	0,302
CHR1	452778	CHR1:452778	SSF x Far_LoA	-9,55736507	-0,034	0,305
CHR1	4542374	CHR1:4542374	SSF x Far_LoA	-11,748326	-0,042	0,305
CHR1	4542414	CHR1:4542414	SSF x Far_LoA	-5,62206519	-0,034	0,318
CHR1	4547363	CHR1:4547363	SSF x Far_LoA	-11,4529333	-0,057	0,319
CHR1	4553187	CHR1:4553187	SSF x Far_LoA	-11,2078722	0,021	0,319
CHR1	4553228	CHR1:4553228	SSF x Far_LoA	-9,16031983	0,004	0,323
CHR1	4553330	CHR1:4553330	SSF x Far_LoA	-9,26235903	-0,117	0,306
CHR1	4559902	CHR1:4559902	SSF x Far_LoA	-9,74674252	0,015	0,290
CHR1	4560092	CHR1:4560092	SSF x Far_LoA	-10,0904817	-0,007	0,320
CHR1	4567788	CHR1:4567788	SSF x Far_LoA	-9,95946835	-0,108	0,306
CHR1	4571189	CHR1:4571189	SSF x Far_LoA	-8,74849745	-0,080	0,300
CHR1	4571200	CHR1:4571200	SSF x Far_LoA	-9,59412728	0,041	0,310
CHR1	4571217	CHR1:4571217	SSF x Far_LoA	-5,38636031	-0,007	0,307
CHR1	4572955	CHR1:4572955	SSF x Far_LoA	-8,66335487	0,107	0,307
CHR1	4585940	CHR1:4585940	SSF x Far_LoA	-8,826433	0,019	0,306
CHR1	4592347	CHR1:4592347	SSF x Far_LoA	-10,7413905	-0,091	0,310
CHR1	4592466	CHR1:4592466	SSF x Far_LoA	-8,53473811	0,035	0,315
CHR1	4596274	CHR1:4596274	SSF x Far_LoA	-5,30095743	0,004	0,313
CHR1	4596358	CHR1:4596358	SSF x Far_LoA	-9,17473642	0,029	0,307
CHR1	4596366	CHR1:4596366	SSF x Far_LoA	-10,6207267	-0,024	0,292
CHR1	4603228	CHR1:4603228	SSF x Far_LoA	-10,5414908	-0,010	0,312
CHR1	4603282	CHR1:4603282	SSF x Far_LoA	-10,0246934	0,012	0,303
CHR1	4603314	CHR1:4603314	SSF x Far_LoA	-10,1148258	-0,006	0,310
CHR1	4621677	CHR1:4621677	SSF x Far_LoA	-10,8738469	0,015	0,315
CHR1	4623674	CHR1:4623674	SSF x Far_LoA	-11,3113488	0,010	0,302
CHR1	4623780	CHR1:4623780	SSF x Far_LoA	-9,48713722	0,035	0,306
CHR1	4623784	CHR1:4623784	SSF x Far_LoA	-9,42081197	0,059	0,295
CHR1	4628797	CHR1:4628797	SSF x Far_LoA	-11,4292454	-0,090	0,315
CHR1	4629021	CHR1:4629021	SSF x Far_LoA	-4,37994901	-0,217	0,302
CHR1	4629093	CHR1:4629093	SSF x Far_LoA	-6,03937344	-0,104	0,304
CHR1	463335	CHR1:463335	SSF x Far_LoA	-7,26235625	-0,074	0,318
CHR1	463337	CHR1:463337	SSF x Far_LoA	-11,0789885	-0,080	0,302
CHR1	463382	CHR1:463382	SSF x Far_LoA	-10,1184434	-0,083	0,299
CHR1	463384	CHR1:463384	SSF x Far_LoA	-10,7765651	-0,092	0,308
CHR1	463390	CHR1:463390	SSF x Far_LoA	-10,318001	-0,057	0,314
CHR1	463397	CHR1:463397	SSF x Far_LoA	-10,8838009	-0,078	0,315

CHR1	4634244	CHR1:4634244	SSF x Far_LoA	-9,72329923	-0,009	0,304
CHR1	463426	CHR1:463426	SSF x Far_LoA	-10,0540852	-0,087	0,302
CHR1	4634296	CHR1:4634296	SSF x Far_LoA	-10,2201086	0,013	0,301
CHR1	464778	CHR1:464778	SSF x Far_LoA	-9,2766526	-0,025	0,319
CHR1	4648041	CHR1:4648041	SSF x Far_LoA	-6,94524937	-0,052	0,306
CHR1	4652477	CHR1:4652477	SSF x Far_LoA	-9,35605528	0,035	0,300
CHR1	4652478	CHR1:4652478	SSF x Far_LoA	-8,84234253	0,026	0,307
CHR1	4653930	CHR1:4653930	SSF x Far_LoA	-9,95487296	-0,009	0,298
CHR1	4658302	CHR1:4658302	SSF x Far_LoA	-10,7333635	0,078	0,292
CHR1	4662848	CHR1:4662848	SSF x Far_LoA	-11,3246724	0,037	0,312
CHR1	4662918	CHR1:4662918	SSF x Far_LoA	-8,23403671	-0,169	0,291
CHR1	4666344	CHR1:4666344	SSF x Far_LoA	-7,6921857	0,104	0,301
CHR1	4675879	CHR1:4675879	SSF x Far_LoA	-7,53304254	-0,100	0,309
CHR1	4677072	CHR1:4677072	SSF x Far_LoA	-8,10975441	0,057	0,321
CHR1	4677131	CHR1:4677131	SSF x Far_LoA	-10,8818046	0,125	0,305
CHR1	4695390	CHR1:4695390	SSF x Far_LoA	-11,3775245	0,053	0,301
CHR1	4695479	CHR1:4695479	SSF x Far_LoA	-10,9059384	-0,017	0,313
CHR1	4704277	CHR1:4704277	SSF x Far_LoA	-8,81397732	0,130	0,298
CHR1	4705004	CHR1:4705004	SSF x Far_LoA	-8,22935056	0,107	0,294
CHR1	4712578	CHR1:4712578	SSF x Far_LoA	-10,4548581	0,020	0,299
CHR1	4712938	CHR1:4712938	SSF x Far_LoA	-9,84321974	-0,016	0,297
CHR1	4733170	CHR1:4733170	SSF x Far_LoA	-8,58971749	0,033	0,301
CHR1	4742096	CHR1:4742096	SSF x Far_LoA	-10,6249092	-0,030	0,308
CHR1	4742108	CHR1:4742108	SSF x Far_LoA	-9,37940543	0,029	0,298
CHR1	4742153	CHR1:4742153	SSF x Far_LoA	-8,55282441	0,094	0,294
CHR1	4742169	CHR1:4742169	SSF x Far_LoA	-9,54873908	-0,024	0,295
CHR1	4757695	CHR1:4757695	SSF x Far_LoA	-10,8680974	0,001	0,320
CHR1	4770425	CHR1:4770425	SSF x Far_LoA	-6,47029943	-0,075	0,304
CHR1	4776101	CHR1:4776101	SSF x Far_LoA	-9,76222526	-0,027	0,310
CHR1	4776129	CHR1:4776129	SSF x Far_LoA	-6,90361316	0,171	0,290
CHR1	4776296	CHR1:4776296	SSF x Far_LoA	-11,5728435	0,026	0,299
CHR1	4776297	CHR1:4776297	SSF x Far_LoA	-11,3986742	0,037	0,301
CHR1	4783726	CHR1:4783726	SSF x Far_LoA	-10,7098918	-0,056	0,323
CHR1	4783774	CHR1:4783774	SSF x Far_LoA	-9,81106351	-0,097	0,303
CHR1	4793028	CHR1:4793028	SSF x Far_LoA	-7,63265107	-0,086	0,315
CHR1	4794575	CHR1:4794575	SSF x Far_LoA	-9,3426607	-0,087	0,319
CHR1	4794625	CHR1:4794625	SSF x Far_LoA	-8,5806281	-0,047	0,303
CHR1	4794655	CHR1:4794655	SSF x Far_LoA	-9,04621366	0,052	0,303
CHR1	480850	CHR1:480850	SSF x Far_LoA	-8,78334742	0,079	0,309
CHR1	4815555	CHR1:4815555	SSF x Far_LoA	-11,1865001	0,074	0,305
CHR1	4815605	CHR1:4815605	SSF x Far_LoA	-9,21062046	0,063	0,319
CHR1	4815606	CHR1:4815606	SSF x Far_LoA	-8,22844039	-0,076	0,293
CHR1	482823	CHR1:482823	SSF x Far_LoA	-8,75327607	-0,077	0,290
CHR1	4828673	CHR1:4828673	SSF x Far_LoA	-9,27200629	-0,050	0,312
CHR1	4828759	CHR1:4828759	SSF x Far_LoA	-6,18818779	0,149	0,296
CHR1	4828801	CHR1:4828801	SSF x Far_LoA	-9,91301488	-0,016	0,313
CHR1	4852552	CHR1:4852552	SSF x Far_LoA	-8,55035191	-0,063	0,315
CHR1	4859054	CHR1:4859054	SSF x Far_LoA	-3,64363658	-0,144	0,301
CHR1	4859163	CHR1:4859163	SSF x Far_LoA	-8,28680216	-0,018	0,306
CHR1	4859189	CHR1:4859189	SSF x Far_LoA	-10,109364	-0,032	0,305
CHR1	4875988	CHR1:4875988	SSF x Far_LoA	-8,39539667	0,077	0,305
CHR1	4876023	CHR1:4876023	SSF x Far_LoA	-9,32095033	-0,088	0,289
CHR1	4876040	CHR1:4876040	SSF x Far_LoA	-8,81599726	-0,014	0,301

CHR1	4876141	CHR1:4876141	SSF x Far_LoA	-10,8968356	-0,030	0,314
CHR1	4883991	CHR1:4883991	SSF x Far_LoA	-10,809103	-0,098	0,318
CHR1	4886470	CHR1:4886470	SSF x Far_LoA	-8,94211546	-0,083	0,291
CHR1	4886567	CHR1:4886567	SSF x Far_LoA	-8,37497744	0,005	0,315
CHR1	4886616	CHR1:4886616	SSF x Far_LoA	-7,77405787	0,165	0,297
CHR1	4886709	CHR1:4886709	SSF x Far_LoA	-9,43411635	0,043	0,303
CHR1	4896233	CHR1:4896233	SSF x Far_LoA	-5,57579497	-0,131	0,310
CHR1	4897509	CHR1:4897509	SSF x Far_LoA	-9,61047111	0,015	0,316
CHR1	4897692	CHR1:4897692	SSF x Far_LoA	-9,46539408	-0,030	0,315
CHR1	4907682	CHR1:4907682	SSF x Far_LoA	-10,8532818	0,065	0,311
CHR1	4910715	CHR1:4910715	SSF x Far_LoA	-9,02227563	-0,004	0,301
CHR1	4910726	CHR1:4910726	SSF x Far_LoA	-11,1663204	-0,022	0,304
CHR1	4910761	CHR1:4910761	SSF x Far_LoA	-12,0088883	-0,016	0,312
CHR1	4910790	CHR1:4910790	SSF x Far_LoA	-10,013744	0,007	0,304
CHR1	4910908	CHR1:4910908	SSF x Far_LoA	-10,3255492	0,005	0,301
CHR1	491288	CHR1:491288	SSF x Far_LoA	-10,8677097	-0,080	0,319
CHR1	4920003	CHR1:4920003	SSF x Far_LoA	-7,85965307	-0,157	0,285
CHR1	4920111	CHR1:4920111	SSF x Far_LoA	-7,88496807	-0,142	0,291
CHR1	4958826	CHR1:4958826	SSF x Far_LoA	-6,59789215	0,156	0,285
CHR1	4965529	CHR1:4965529	SSF x Far_LoA	-10,1491245	0,036	0,313
CHR1	4965638	CHR1:4965638	SSF x Far_LoA	-7,23694542	0,109	0,297
CHR1	4979161	CHR1:4979161	SSF x Far_LoA	-8,96557174	-0,091	0,305
CHR1	4988134	CHR1:4988134	SSF x Far_LoA	-6,73185071	0,011	0,295
CHR1	4988177	CHR1:4988177	SSF x Far_LoA	-7,63527965	-0,084	0,310
CHR1	4989440	CHR1:4989440	SSF x Far_LoA	-9,53763946	0,015	0,304
CHR1	4989533	CHR1:4989533	SSF x Far_LoA	-10,7182037	-0,069	0,295
CHR1	4992921	CHR1:4992921	SSF x Far_LoA	-9,60672277	0,055	0,315
CHR1	4993067	CHR1:4993067	SSF x Far_LoA	-6,11956898	-0,194	0,292
CHR1	4993069	CHR1:4993069	SSF x Far_LoA	-8,17736295	-0,164	0,306
CHR1	4993124	CHR1:4993124	SSF x Far_LoA	-8,43317907	0,111	0,303
CHR1	500909	CHR1:500909	SSF x Far_LoA	-10,5294689	-0,076	0,299
CHR1	5021058	CHR1:5021058	SSF x Far_LoA	-5,41236351	0,143	0,306
CHR1	5021092	CHR1:5021092	SSF x Far_LoA	-10,5871328	0,107	0,301
CHR1	5021156	CHR1:5021156	SSF x Far_LoA	-11,3070888	0,014	0,309
CHR1	5024333	CHR1:5024333	SSF x Far_LoA	-8,48995543	-0,199	0,300
CHR1	5024443	CHR1:5024443	SSF x Far_LoA	-7,60985361	0,046	0,315
CHR1	5024574	CHR1:5024574	SSF x Far_LoA	-10,9025836	0,094	0,307
CHR1	5043252	CHR1:5043252	SSF x Far_LoA	-9,04492879	0,028	0,295
CHR1	5043392	CHR1:5043392	SSF x Far_LoA	-9,16578705	0,064	0,315
CHR1	504636	CHR1:504636	SSF x Far_LoA	-10,1436945	0,044	0,299
CHR1	504701	CHR1:504701	SSF x Far_LoA	-8,91805768	0,003	0,310
CHR1	504736	CHR1:504736	SSF x Far_LoA	-9,89582553	0,091	0,303
CHR1	5048525	CHR1:5048525	SSF x Far_LoA	-7,51459898	0,148	0,298
CHR1	5048628	CHR1:5048628	SSF x Far_LoA	-8,86010056	-0,005	0,314
CHR1	5048697	CHR1:5048697	SSF x Far_LoA	-10,7418765	0,012	0,311
CHR1	5053275	CHR1:5053275	SSF x Far_LoA	-11,9435603	-0,014	0,315
CHR1	5053464	CHR1:5053464	SSF x Far_LoA	-7,85304826	0,084	0,302
CHR1	5057312	CHR1:5057312	SSF x Far_LoA	-6,44941473	0,080	0,315
CHR1	5057334	CHR1:5057334	SSF x Far_LoA	-6,44932184	0,082	0,309
CHR1	5057341	CHR1:5057341	SSF x Far_LoA	-8,48721087	0,016	0,319
CHR1	5057376	CHR1:5057376	SSF x Far_LoA	-7,80809147	0,023	0,316
CHR1	5057385	CHR1:5057385	SSF x Far_LoA	-3,742742	-0,168	0,308
CHR1	5057421	CHR1:5057421	SSF x Far_LoA	-9,72355841	-0,030	0,314

CHR1	5058983	CHR1:5058983	SSF x Far_LoA	-7,5428314	0,062	0,301
CHR1	5059021	CHR1:5059021	SSF x Far_LoA	-9,54305985	0,053	0,305
CHR1	5059028	CHR1:5059028	SSF x Far_LoA	-9,16641568	0,067	0,310
CHR1	5059035	CHR1:5059035	SSF x Far_LoA	-11,9769807	-0,008	0,304
CHR1	5059042	CHR1:5059042	SSF x Far_LoA	-8,31716194	-0,113	0,307
CHR1	5071216	CHR1:5071216	SSF x Far_LoA	-8,85241365	0,030	0,306
CHR1	5071318	CHR1:5071318	SSF x Far_LoA	-8,47044802	-0,032	0,317
CHR1	5078962	CHR1:5078962	SSF x Far_LoA	-10,8999303	-0,091	0,300
CHR1	5078998	CHR1:5078998	SSF x Far_LoA	-9,60200392	-0,009	0,322
CHR1	5079069	CHR1:5079069	SSF x Far_LoA	-11,5009533	-0,053	0,303
CHR1	5079151	CHR1:5079151	SSF x Far_LoA	-8,41557866	0,082	0,310
CHR1	5087374	CHR1:5087374	SSF x Far_LoA	-12,3532373	0,045	0,299
CHR1	5087400	CHR1:5087400	SSF x Far_LoA	-9,53928095	-0,100	0,305
CHR1	5087502	CHR1:5087502	SSF x Far_LoA	-5,45856073	-0,061	0,309
CHR1	5087715	CHR1:5087715	SSF x Far_LoA	-8,57257844	-0,069	0,290
CHR1	5088722	CHR1:5088722	SSF x Far_LoA	-9,390252	-0,040	0,315
CHR1	5088752	CHR1:5088752	SSF x Far_LoA	-8,02922646	-0,059	0,316
CHR1	5090537	CHR1:5090537	SSF x Far_LoA	-11,2009916	0,002	0,305
CHR1	5090571	CHR1:5090571	SSF x Far_LoA	-9,04714811	0,105	0,306
CHR1	5090575	CHR1:5090575	SSF x Far_LoA	-9,28167005	0,056	0,312
CHR1	5090657	CHR1:5090657	SSF x Far_LoA	-6,72577943	0,139	0,285
CHR1	5097462	CHR1:5097462	SSF x Far_LoA	-11,1247431	0,000	0,286
CHR1	5097830	CHR1:5097830	SSF x Far_LoA	-7,28721852	0,143	0,299
CHR1	5103602	CHR1:5103602	SSF x Far_LoA	-9,61088033	0,005	0,307
CHR1	5103616	CHR1:5103616	SSF x Far_LoA	2,65687297	-0,002	0,302
CHR1	5103757	CHR1:5103757	SSF x Far_LoA	-9,51092313	0,073	0,306
CHR1	5105072	CHR1:5105072	SSF x Far_LoA	-8,83952985	-0,043	0,307
CHR1	5106251	CHR1:5106251	SSF x Far_LoA	-10,9389839	0,043	0,313
CHR1	5106340	CHR1:5106340	SSF x Far_LoA	-11,5473194	0,001	0,305
CHR1	5106396	CHR1:5106396	SSF x Far_LoA	-10,5488068	-0,006	0,306
CHR1	5110953	CHR1:5110953	SSF x Far_LoA	-11,7847432	-0,031	0,315
CHR1	5113843	CHR1:5113843	SSF x Far_LoA	-11,6861244	-0,058	0,298
CHR1	5114137	CHR1:5114137	SSF x Far_LoA	-9,84887765	-0,088	0,298
CHR1	5120016	CHR1:5120016	SSF x Far_LoA	-8,35239096	0,141	0,307
CHR1	5120202	CHR1:5120202	SSF x Far_LoA	-9,77523837	-0,040	0,300
CHR1	5121849	CHR1:5121849	SSF x Far_LoA	-11,3797544	-0,005	0,301
CHR1	5121888	CHR1:5121888	SSF x Far_LoA	-8,30834642	-0,046	0,306
CHR1	512588	CHR1:512588	SSF x Far_LoA	-10,4570434	0,077	0,305
CHR1	5142311	CHR1:5142311	SSF x Far_LoA	-8,35542235	0,089	0,314
CHR1	5142315	CHR1:5142315	SSF x Far_LoA	-7,00670805	0,068	0,300
CHR1	5142363	CHR1:5142363	SSF x Far_LoA	-9,59559087	0,009	0,304
CHR1	5150663	CHR1:5150663	SSF x Far_LoA	-10,6676482	0,106	0,297
CHR1	5150747	CHR1:5150747	SSF x Far_LoA	-8,97536489	0,098	0,301
CHR1	5157750	CHR1:5157750	SSF x Far_LoA	-8,50816671	0,042	0,306
CHR1	5157773	CHR1:5157773	SSF x Far_LoA	-9,41960595	0,079	0,303
CHR1	5179603	CHR1:5179603	SSF x Far_LoA	-6,00986697	-0,191	0,290
CHR1	5186438	CHR1:5186438	SSF x Far_LoA	-8,64535715	-0,031	0,316
CHR1	5225242	CHR1:5225242	SSF x Far_LoA	-10,2897842	-0,093	0,305
CHR1	523748	CHR1:523748	SSF x Far_LoA	-10,1337961	0,026	0,300
CHR1	523835	CHR1:523835	SSF x Far_LoA	-8,16091117	0,170	0,295
CHR1	5256657	CHR1:5256657	SSF x Far_LoA	-9,6044459	-0,111	0,311
CHR1	5256700	CHR1:5256700	SSF x Far_LoA	-7,66736359	0,071	0,308
CHR1	5260375	CHR1:5260375	SSF x Far_LoA	8,8564976	-0,161	0,302

CHR1	5260397	CHR1:5260397	SSF x Far_LoA	-5,78355658	-0,130	0,302
CHR1	5260408	CHR1:5260408	SSF x Far_LoA	-10,4781025	-0,044	0,308
CHR1	5260431	CHR1:5260431	SSF x Far_LoA	-9,13581106	-0,101	0,303
CHR1	5260536	CHR1:5260536	SSF x Far_LoA	-9,57599858	-0,056	0,297
CHR1	5260560	CHR1:5260560	SSF x Far_LoA	-9,37293615	-0,010	0,307
CHR1	5260573	CHR1:5260573	SSF x Far_LoA	-1,66398408	0,112	0,305
CHR1	5260593	CHR1:5260593	SSF x Far_LoA	-7,18824629	-0,016	0,312
CHR1	5268273	CHR1:5268273	SSF x Far_LoA	-10,8536372	-0,093	0,320
CHR1	5268405	CHR1:5268405	SSF x Far_LoA	-7,56931863	0,079	0,301
CHR1	5268463	CHR1:5268463	SSF x Far_LoA	-9,31523693	0,049	0,299
CHR1	5274194	CHR1:5274194	SSF x Far_LoA	-7,18376669	0,201	0,290
CHR1	5274195	CHR1:5274195	SSF x Far_LoA	-1,9326706	-0,073	0,295
CHR1	5274202	CHR1:5274202	SSF x Far_LoA	-1,71849494	0,197	0,288
CHR1	5274322	CHR1:5274322	SSF x Far_LoA	-8,27500489	-0,084	0,312
CHR1	5277577	CHR1:5277577	SSF x Far_LoA	-7,52232405	-0,138	0,302
CHR1	5279896	CHR1:5279896	SSF x Far_LoA	-3,90477945	-0,211	0,296
CHR1	5279949	CHR1:5279949	SSF x Far_LoA	-9,17364521	0,046	0,303
CHR1	5298984	CHR1:5298984	SSF x Far_LoA	-8,49448983	-0,004	0,313
CHR1	5305606	CHR1:5305606	SSF x Far_LoA	-11,2029737	0,019	0,295
CHR1	5308572	CHR1:5308572	SSF x Far_LoA	-3,99989479	-0,103	0,305
CHR1	5308613	CHR1:5308613	SSF x Far_LoA	-8,30700241	0,113	0,304
CHR1	5308625	CHR1:5308625	SSF x Far_LoA	-8,98954602	-0,094	0,291
CHR1	5308753	CHR1:5308753	SSF x Far_LoA	-8,4749278	0,065	0,292
CHR1	5325647	CHR1:5325647	SSF x Far_LoA	-10,9358873	-0,002	0,304
CHR1	5325794	CHR1:5325794	SSF x Far_LoA	-9,6112274	-0,012	0,308
CHR1	5342330	CHR1:5342330	SSF x Far_LoA	-8,57492334	-0,047	0,310
CHR1	5374016	CHR1:5374016	SSF x Far_LoA	-3,26731651	-0,126	0,304
CHR1	5374058	CHR1:5374058	SSF x Far_LoA	-8,67322811	-0,086	0,312
CHR1	5378422	CHR1:5378422	SSF x Far_LoA	-7,40865239	0,084	0,313
CHR1	5378440	CHR1:5378440	SSF x Far_LoA	-8,71646789	0,076	0,299
CHR1	5378447	CHR1:5378447	SSF x Far_LoA	-7,54330544	0,137	0,307
CHR1	5380509	CHR1:5380509	SSF x Far_LoA	-12,5222695	0,025	0,302
CHR1	5384631	CHR1:5384631	SSF x Far_LoA	-10,7384866	-0,071	0,308
CHR1	5387062	CHR1:5387062	SSF x Far_LoA	-11,3386991	0,056	0,301
CHR1	5387097	CHR1:5387097	SSF x Far_LoA	-9,85905813	0,057	0,308
CHR1	5392827	CHR1:5392827	SSF x Far_LoA	-8,54312061	-0,154	0,300
CHR1	5392915	CHR1:5392915	SSF x Far_LoA	-8,59620425	-0,082	0,280
CHR1	5405799	CHR1:5405799	SSF x Far_LoA	-10,6402678	0,053	0,303
CHR1	5405888	CHR1:5405888	SSF x Far_LoA	-8,74004625	-0,040	0,316
CHR1	5409684	CHR1:5409684	SSF x Far_LoA	-11,1394212	-0,029	0,297
CHR1	5409802	CHR1:5409802	SSF x Far_LoA	-10,0759848	-0,103	0,306
CHR1	541566	CHR1:541566	SSF x Far_LoA	-10,4072111	-0,150	0,301
CHR1	5416660	CHR1:5416660	SSF x Far_LoA	-9,31012261	0,009	0,314
CHR1	5416900	CHR1:5416900	SSF x Far_LoA	-9,51721828	0,025	0,296
CHR1	5420411	CHR1:5420411	SSF x Far_LoA	-9,29891784	-0,019	0,294
CHR1	5423921	CHR1:5423921	SSF x Far_LoA	-9,91098467	0,061	0,296
CHR1	5429277	CHR1:5429277	SSF x Far_LoA	-10,3643331	0,031	0,299
CHR1	5429346	CHR1:5429346	SSF x Far_LoA	-8,56948529	0,139	0,294
CHR1	5447448	CHR1:5447448	SSF x Far_LoA	-9,03242059	0,070	0,304
CHR1	5458925	CHR1:5458925	SSF x Far_LoA	-9,96044249	-0,121	0,296
CHR1	5458928	CHR1:5458928	SSF x Far_LoA	-8,77556502	0,097	0,296
CHR1	5458960	CHR1:5458960	SSF x Far_LoA	-10,4927918	0,097	0,315
CHR1	5477764	CHR1:5477764	SSF x Far_LoA	-4,65081227	0,140	0,316

CHR1	5477772	CHR1:5477772	SSF x Far_LoA	-11,8965968	0,009	0,313
CHR1	5477773	CHR1:5477773	SSF x Far_LoA	-8,18978782	-0,021	0,309
CHR1	5477861	CHR1:5477861	SSF x Far_LoA	-9,97417633	0,003	0,300
CHR1	5477867	CHR1:5477867	SSF x Far_LoA	-11,3647292	0,013	0,300
CHR1	5481	CHR1:5481	SSF x Far_LoA	-10,3722256	-0,041	0,314
CHR1	5487637	CHR1:5487637	SSF x Far_LoA	-1,48344048	0,096	0,296
CHR1	5492476	CHR1:5492476	SSF x Far_LoA	-11,6380915	-0,015	0,305
CHR1	5511723	CHR1:5511723	SSF x Far_LoA	-8,66089343	0,124	0,291
CHR1	5511746	CHR1:5511746	SSF x Far_LoA	-11,9329873	0,008	0,307
CHR1	5511757	CHR1:5511757	SSF x Far_LoA	-7,50917921	0,113	0,306
CHR1	5511792	CHR1:5511792	SSF x Far_LoA	-7,81474978	0,074	0,301
CHR1	5511793	CHR1:5511793	SSF x Far_LoA	-9,11006108	0,077	0,298
CHR1	5511830	CHR1:5511830	SSF x Far_LoA	-5,83419275	-0,075	0,325
CHR1	5511906	CHR1:5511906	SSF x Far_LoA	-8,20440299	-0,048	0,305
CHR1	5533288	CHR1:5533288	SSF x Far_LoA	-10,3301081	0,043	0,318
CHR1	5539254	CHR1:5539254	SSF x Far_LoA	-9,37974558	0,175	0,284
CHR1	554154	CHR1:554154	SSF x Far_LoA	-9,50274086	0,053	0,316
CHR1	5545951	CHR1:5545951	SSF x Far_LoA	-8,55469281	-0,036	0,321
CHR1	5547773	CHR1:5547773	SSF x Far_LoA	-9,84897168	0,046	0,313
CHR1	5547790	CHR1:5547790	SSF x Far_LoA	-5,30977075	-0,024	0,300
CHR1	5547843	CHR1:5547843	SSF x Far_LoA	-10,2997078	0,044	0,313
CHR1	5547903	CHR1:5547903	SSF x Far_LoA	-8,86067151	-0,127	0,302
CHR1	5551485	CHR1:5551485	SSF x Far_LoA	-10,5357815	0,079	0,306
CHR1	5551495	CHR1:5551495	SSF x Far_LoA	-10,6688266	-0,033	0,304
CHR1	5553503	CHR1:5553503	SSF x Far_LoA	-7,52149248	0,104	0,304
CHR1	5553590	CHR1:5553590	SSF x Far_LoA	-3,12906089	0,117	0,305
CHR1	5553643	CHR1:5553643	SSF x Far_LoA	-8,72796163	-0,025	0,300
CHR1	5557334	CHR1:5557334	SSF x Far_LoA	-8,45512194	0,128	0,298
CHR1	5557363	CHR1:5557363	SSF x Far_LoA	-8,34480219	0,055	0,308
CHR1	5573497	CHR1:5573497	SSF x Far_LoA	-11,9949721	-0,046	0,308
CHR1	557496	CHR1:557496	SSF x Far_LoA	-8,91764813	0,133	0,317
CHR1	557558	CHR1:557558	SSF x Far_LoA	-11,1825412	0,072	0,311
CHR1	557561	CHR1:557561	SSF x Far_LoA	-9,80408639	0,089	0,297
CHR1	5578297	CHR1:5578297	SSF x Far_LoA	-9,33985781	-0,058	0,306
CHR1	5578310	CHR1:5578310	SSF x Far_LoA	-11,8559093	0,084	0,294
CHR1	5591522	CHR1:5591522	SSF x Far_LoA	-7,89287418	-0,134	0,297
CHR1	5591555	CHR1:5591555	SSF x Far_LoA	-9,85389251	-0,024	0,294
CHR1	5591581	CHR1:5591581	SSF x Far_LoA	-9,66413237	0,022	0,312
CHR1	5591637	CHR1:5591637	SSF x Far_LoA	-9,46175706	-0,048	0,310
CHR1	5591638	CHR1:5591638	SSF x Far_LoA	-11,0628877	0,048	0,312
CHR1	5599086	CHR1:5599086	SSF x Far_LoA	-11,1189872	-0,033	0,291
CHR1	5599281	CHR1:5599281	SSF x Far_LoA	-8,00057508	-0,010	0,315
CHR1	5606	CHR1:5606	SSF x Far_LoA	-10,2135914	-0,022	0,318
CHR1	5617113	CHR1:5617113	SSF x Far_LoA	-8,19971538	-0,011	0,323
CHR1	5617311	CHR1:5617311	SSF x Far_LoA	-7,4308752	0,152	0,311
CHR1	5625197	CHR1:5625197	SSF x Far_LoA	-11,5462096	-0,019	0,306
CHR1	5625258	CHR1:5625258	SSF x Far_LoA	-11,7867123	0,036	0,310
CHR1	5625356	CHR1:5625356	SSF x Far_LoA	-10,0699366	0,057	0,310
CHR1	5625374	CHR1:5625374	SSF x Far_LoA	-8,39247357	-0,082	0,309
CHR1	5625385	CHR1:5625385	SSF x Far_LoA	-11,6586083	0,011	0,310
CHR1	5638217	CHR1:5638217	SSF x Far_LoA	-12,449501	-0,004	0,299
CHR1	5639189	CHR1:5639189	SSF x Far_LoA	-9,87470104	-0,006	0,310
CHR1	5644056	CHR1:5644056	SSF x Far_LoA	-5,56196807	0,164	0,316

CHR1	5644272	CHR1:5644272	SSF x Far_LoA	-7,8050389	0,102	0,299
CHR1	5644406	CHR1:5644406	SSF x Far_LoA	-7,76375655	-0,004	0,315
CHR1	565119	CHR1:565119	SSF x Far_LoA	-9,69056087	0,098	0,290
CHR1	565293	CHR1:565293	SSF x Far_LoA	-6,93898831	-0,121	0,299
CHR1	5660234	CHR1:5660234	SSF x Far_LoA	-12,0883145	-0,020	0,309
CHR1	5660235	CHR1:5660235	SSF x Far_LoA	-9,64701533	-0,012	0,313
CHR1	5660243	CHR1:5660243	SSF x Far_LoA	-8,2183962	-0,050	0,315
CHR1	5660289	CHR1:5660289	SSF x Far_LoA	-9,12478995	-0,058	0,316
CHR1	5660369	CHR1:5660369	SSF x Far_LoA	-7,26134589	0,056	0,311
CHR1	5660384	CHR1:5660384	SSF x Far_LoA	-9,53127444	0,032	0,288
CHR1	5660412	CHR1:5660412	SSF x Far_LoA	-7,46382348	-0,134	0,294
CHR1	5660432	CHR1:5660432	SSF x Far_LoA	-9,40715027	0,038	0,306
CHR1	5660433	CHR1:5660433	SSF x Far_LoA	-10,1247608	0,037	0,325
CHR1	5660461	CHR1:5660461	SSF x Far_LoA	-8,81785249	0,034	0,307
CHR1	5667650	CHR1:5667650	SSF x Far_LoA	-11,5038061	0,032	0,296
CHR1	5667849	CHR1:5667849	SSF x Far_LoA	-10,0705768	0,123	0,296
CHR1	567596	CHR1:567596	SSF x Far_LoA	-6,37451962	0,055	0,311
CHR1	567631	CHR1:567631	SSF x Far_LoA	-11,3192969	-0,085	0,304
CHR1	567707	CHR1:567707	SSF x Far_LoA	-10,3477752	0,040	0,294
CHR1	5678747	CHR1:5678747	SSF x Far_LoA	-11,7949802	0,098	0,302
CHR1	5678895	CHR1:5678895	SSF x Far_LoA	-6,17288694	0,071	0,302
CHR1	5684341	CHR1:5684341	SSF x Far_LoA	-11,7807568	0,058	0,299
CHR1	5684529	CHR1:5684529	SSF x Far_LoA	-9,21506694	-0,078	0,318
CHR1	569071	CHR1:569071	SSF x Far_LoA	-9,56094883	-0,060	0,295
CHR1	5703191	CHR1:5703191	SSF x Far_LoA	-5,39942835	0,183	0,287
CHR1	5710882	CHR1:5710882	SSF x Far_LoA	-11,4046142	-0,079	0,308
CHR1	5711101	CHR1:5711101	SSF x Far_LoA	-10,1280473	-0,027	0,313
CHR1	5717030	CHR1:5717030	SSF x Far_LoA	-8,7883893	-0,144	0,296
CHR1	5719655	CHR1:5719655	SSF x Far_LoA	-9,48793261	0,035	0,316
CHR1	572619	CHR1:572619	SSF x Far_LoA	-8,11276007	-0,038	0,314
CHR1	5730003	CHR1:5730003	SSF x Far_LoA	-9,78104534	0,000	0,304
CHR1	5730034	CHR1:5730034	SSF x Far_LoA	-11,6279268	-0,043	0,304
CHR1	5730060	CHR1:5730060	SSF x Far_LoA	-9,12555983	-0,141	0,294
CHR1	5744663	CHR1:5744663	SSF x Far_LoA	-7,59679282	0,041	0,318
CHR1	5751056	CHR1:5751056	SSF x Far_LoA	-8,8229566	0,046	0,307
CHR1	5751113	CHR1:5751113	SSF x Far_LoA	-12,0446397	-0,049	0,305
CHR1	5751515	CHR1:5751515	SSF x Far_LoA	-6,02409453	0,047	0,298
CHR1	5757472	CHR1:5757472	SSF x Far_LoA	-10,9266781	-0,012	0,318
CHR1	5773069	CHR1:5773069	SSF x Far_LoA	-7,92013141	0,145	0,304
CHR1	5783450	CHR1:5783450	SSF x Far_LoA	-9,46021436	0,019	0,312
CHR1	5783506	CHR1:5783506	SSF x Far_LoA	-8,30201227	0,036	0,306
CHR1	5783642	CHR1:5783642	SSF x Far_LoA	-1,49366837	-0,108	0,319
CHR1	5785489	CHR1:5785489	SSF x Far_LoA	-10,3601343	0,031	0,308
CHR1	5793146	CHR1:5793146	SSF x Far_LoA	-10,4233284	0,054	0,315
CHR1	5808307	CHR1:5808307	SSF x Far_LoA	-7,8443992	0,038	0,317
CHR1	5808325	CHR1:5808325	SSF x Far_LoA	-8,76730264	0,064	0,316
CHR1	5826799	CHR1:5826799	SSF x Far_LoA	-11,044636	-0,041	0,315
CHR1	5826931	CHR1:5826931	SSF x Far_LoA	-9,09789122	0,065	0,297
CHR1	5827006	CHR1:5827006	SSF x Far_LoA	-7,60628572	-0,005	0,314
CHR1	5827013	CHR1:5827013	SSF x Far_LoA	-11,8224906	-0,018	0,307
CHR1	585531	CHR1:585531	SSF x Far_LoA	-8,86284263	0,087	0,306
CHR1	585535	CHR1:585535	SSF x Far_LoA	-10,6394589	-0,035	0,309
CHR1	585595	CHR1:585595	SSF x Far_LoA	-10,3798077	0,030	0,300

CHR1	585693	CHR1:585693	SSF x Far_LoA	-7,31623947	-0,124	0,317
CHR1	5865675	CHR1:5865675	SSF x Far_LoA	-9,45243172	-0,059	0,288
CHR1	5865698	CHR1:5865698	SSF x Far_LoA	-11,8719133	0,047	0,298
CHR1	5865722	CHR1:5865722	SSF x Far_LoA	-8,01792637	0,081	0,291
CHR1	5865767	CHR1:5865767	SSF x Far_LoA	-9,05704759	-0,026	0,320
CHR1	5865780	CHR1:5865780	SSF x Far_LoA	-11,7251147	0,028	0,306
CHR1	5865804	CHR1:5865804	SSF x Far_LoA	-9,75344265	-0,017	0,304
CHR1	5870957	CHR1:5870957	SSF x Far_LoA	-8,05126164	-0,022	0,311
CHR1	5870982	CHR1:5870982	SSF x Far_LoA	0,4551473	-0,133	0,303
CHR1	5870998	CHR1:5870998	SSF x Far_LoA	-10,787803	0,073	0,298
CHR1	5871181	CHR1:5871181	SSF x Far_LoA	-4,36233658	0,116	0,315
CHR1	5878501	CHR1:5878501	SSF x Far_LoA	-8,78535217	-0,034	0,299
CHR1	5886238	CHR1:5886238	SSF x Far_LoA	-8,92218502	-0,123	0,309
CHR1	5886250	CHR1:5886250	SSF x Far_LoA	-2,40871727	-0,175	0,295
CHR1	5886359	CHR1:5886359	SSF x Far_LoA	-7,7266551	-0,102	0,312
CHR1	5886383	CHR1:5886383	SSF x Far_LoA	-7,30718122	0,066	0,291
CHR1	5886387	CHR1:5886387	SSF x Far_LoA	-9,34773669	0,010	0,303
CHR1	5886397	CHR1:5886397	SSF x Far_LoA	-9,36151111	0,043	0,303
CHR1	5886405	CHR1:5886405	SSF x Far_LoA	-7,07376767	0,018	0,306
CHR1	5886407	CHR1:5886407	SSF x Far_LoA	-6,01885982	0,084	0,294
CHR1	5886426	CHR1:5886426	SSF x Far_LoA	-3,25292375	0,112	0,302
CHR1	5895649	CHR1:5895649	SSF x Far_LoA	-10,61078	-0,028	0,295
CHR1	5895682	CHR1:5895682	SSF x Far_LoA	-10,612745	0,068	0,313
CHR1	5895692	CHR1:5895692	SSF x Far_LoA	-6,376369	0,037	0,295
CHR1	5895760	CHR1:5895760	SSF x Far_LoA	-5,3812132	-0,064	0,298
CHR1	5895833	CHR1:5895833	SSF x Far_LoA	-8,95826892	0,008	0,311
CHR1	5901709	CHR1:5901709	SSF x Far_LoA	-9,91947669	0,026	0,308
CHR1	5901935	CHR1:5901935	SSF x Far_LoA	-8,33336184	0,017	0,295
CHR1	5904948	CHR1:5904948	SSF x Far_LoA	-9,55234796	0,110	0,304
CHR1	5905252	CHR1:5905252	SSF x Far_LoA	-9,005146	-0,048	0,296
CHR1	5905253	CHR1:5905253	SSF x Far_LoA	-11,1428168	0,007	0,305
CHR1	5905254	CHR1:5905254	SSF x Far_LoA	-11,7726894	0,015	0,300
CHR1	592946	CHR1:592946	SSF x Far_LoA	-11,1123616	0,046	0,303
CHR1	593088	CHR1:593088	SSF x Far_LoA	-3,45096555	0,055	0,318
CHR1	593285	CHR1:593285	SSF x Far_LoA	-8,95886168	0,045	0,311
CHR1	5937054	CHR1:5937054	SSF x Far_LoA	-9,36350357	-0,180	0,311
CHR1	5937203	CHR1:5937203	SSF x Far_LoA	-12,2033023	0,036	0,308
CHR1	5937225	CHR1:5937225	SSF x Far_LoA	-5,75599089	-0,067	0,308
CHR1	5941901	CHR1:5941901	SSF x Far_LoA	-11,9202903	-0,041	0,302
CHR1	5941913	CHR1:5941913	SSF x Far_LoA	-10,4673949	-0,040	0,307
CHR1	5947153	CHR1:5947153	SSF x Far_LoA	-10,1789279	0,105	0,296
CHR1	5947343	CHR1:5947343	SSF x Far_LoA	-10,7981867	0,024	0,312
CHR1	5947371	CHR1:5947371	SSF x Far_LoA	-9,35109372	-0,086	0,300
CHR1	5948870	CHR1:5948870	SSF x Far_LoA	-7,02514577	-0,126	0,296
CHR1	5948871	CHR1:5948871	SSF x Far_LoA	-8,75119972	-0,016	0,299
CHR1	5949011	CHR1:5949011	SSF x Far_LoA	-8,96048612	-0,109	0,286
CHR1	5995812	CHR1:5995812	SSF x Far_LoA	-9,55606981	-0,069	0,301
CHR1	5995911	CHR1:5995911	SSF x Far_LoA	-8,78311941	0,004	0,317
CHR1	5998505	CHR1:5998505	SSF x Far_LoA	-5,74726774	0,048	0,316
CHR1	6012411	CHR1:6012411	SSF x Far_LoA	-11,4041008	0,033	0,304
CHR1	6014299	CHR1:6014299	SSF x Far_LoA	-10,8718017	-0,039	0,313
CHR1	6014300	CHR1:6014300	SSF x Far_LoA	-8,50212598	-0,034	0,300
CHR1	6017020	CHR1:6017020	SSF x Far_LoA	-9,36288598	-0,064	0,301

CHR1	6017218	CHR1:6017218	SSF x Far_LoA	-8,28083621	0,023	0,296
CHR1	6017273	CHR1:6017273	SSF x Far_LoA	-11,4972584	-0,081	0,317
CHR1	6059475	CHR1:6059475	SSF x Far_LoA	-11,7452484	0,094	0,309
CHR1	6062905	CHR1:6062905	SSF x Far_LoA	-10,3603738	-0,073	0,314
CHR1	6065517	CHR1:6065517	SSF x Far_LoA	-7,81913369	0,065	0,301
CHR1	6065708	CHR1:6065708	SSF x Far_LoA	-8,37780306	0,074	0,292
CHR1	6065710	CHR1:6065710	SSF x Far_LoA	-8,52433955	0,069	0,302
CHR1	6079570	CHR1:6079570	SSF x Far_LoA	-7,80223571	0,223	0,290
CHR1	6079614	CHR1:6079614	SSF x Far_LoA	-8,14178883	-0,076	0,301
CHR1	6085104	CHR1:6085104	SSF x Far_LoA	-11,2844961	0,047	0,304
CHR1	6085239	CHR1:6085239	SSF x Far_LoA	-10,0073955	0,047	0,303
CHR1	6085337	CHR1:6085337	SSF x Far_LoA	-11,8155427	-0,057	0,303
CHR1	6092555	CHR1:6092555	SSF x Far_LoA	-9,20682672	0,087	0,305
CHR1	6092697	CHR1:6092697	SSF x Far_LoA	-8,91956491	0,009	0,316
CHR1	6092727	CHR1:6092727	SSF x Far_LoA	-8,60483691	-0,066	0,302
CHR1	6092766	CHR1:6092766	SSF x Far_LoA	-10,7211719	0,015	0,310
CHR1	6092801	CHR1:6092801	SSF x Far_LoA	-12,1074389	0,003	0,304
CHR1	6092818	CHR1:6092818	SSF x Far_LoA	-9,86976034	0,022	0,307
CHR1	6096674	CHR1:6096674	SSF x Far_LoA	-12,1328726	0,060	0,284
CHR1	6096711	CHR1:6096711	SSF x Far_LoA	-10,5150643	0,021	0,315
CHR1	6096719	CHR1:6096719	SSF x Far_LoA	-7,73839278	0,026	0,311
CHR1	6103620	CHR1:6103620	SSF x Far_LoA	-11,2774096	-0,011	0,298
CHR1	6110426	CHR1:6110426	SSF x Far_LoA	-8,60742535	-0,023	0,304
CHR1	6110434	CHR1:6110434	SSF x Far_LoA	-8,27303626	0,107	0,303
CHR1	6112543	CHR1:6112543	SSF x Far_LoA	-8,43597793	-0,044	0,300
CHR1	6122902	CHR1:6122902	SSF x Far_LoA	1,32041148	-0,044	0,311
CHR1	6122904	CHR1:6122904	SSF x Far_LoA	-10,2421547	0,027	0,295
CHR1	6125503	CHR1:6125503	SSF x Far_LoA	-8,82674681	-0,047	0,316
CHR1	6125557	CHR1:6125557	SSF x Far_LoA	-8,41607202	0,114	0,296
CHR1	6125561	CHR1:6125561	SSF x Far_LoA	-9,1335931	0,075	0,300
CHR1	6127173	CHR1:6127173	SSF x Far_LoA	-11,472552	0,015	0,303
CHR1	6127179	CHR1:6127179	SSF x Far_LoA	-7,0732165	0,090	0,308
CHR1	6127188	CHR1:6127188	SSF x Far_LoA	-6,49832277	0,215	0,298
CHR1	6127207	CHR1:6127207	SSF x Far_LoA	13,4526748	-0,144	0,300
CHR1	6127215	CHR1:6127215	SSF x Far_LoA	-7,62659558	0,172	0,306
CHR1	6127217	CHR1:6127217	SSF x Far_LoA	-5,15373536	0,143	0,298
CHR1	6127234	CHR1:6127234	SSF x Far_LoA	-5,29325604	-0,078	0,315
CHR1	6127256	CHR1:6127256	SSF x Far_LoA	-11,5446605	0,004	0,307
CHR1	6127294	CHR1:6127294	SSF x Far_LoA	-0,66966413	0,148	0,298
CHR1	6131788	CHR1:6131788	SSF x Far_LoA	-11,6871409	0,088	0,296
CHR1	6131808	CHR1:6131808	SSF x Far_LoA	-8,22333767	-0,047	0,310
CHR1	6131832	CHR1:6131832	SSF x Far_LoA	-4,56837443	-0,134	0,313
CHR1	6131881	CHR1:6131881	SSF x Far_LoA	-8,72917539	0,013	0,310
CHR1	6131888	CHR1:6131888	SSF x Far_LoA	-10,6122225	0,028	0,321
CHR1	6137132	CHR1:6137132	SSF x Far_LoA	-8,74432159	-0,126	0,310
CHR1	6137217	CHR1:6137217	SSF x Far_LoA	-8,47756744	0,073	0,310
CHR1	6137235	CHR1:6137235	SSF x Far_LoA	-12,1135025	0,011	0,302
CHR1	6147133	CHR1:6147133	SSF x Far_LoA	-8,88563391	0,066	0,299
CHR1	6147637	CHR1:6147637	SSF x Far_LoA	-8,02440049	-0,086	0,308
CHR1	614996	CHR1:614996	SSF x Far_LoA	-8,22353921	0,189	0,307
CHR1	615057	CHR1:615057	SSF x Far_LoA	-10,7664049	-0,086	0,303
CHR1	6154957	CHR1:6154957	SSF x Far_LoA	-7,04318273	-0,063	0,315
CHR1	6155018	CHR1:6155018	SSF x Far_LoA	-9,47662079	-0,112	0,312

CHR1	6155183	CHR1:6155183	SSF x Far_LoA	-11,2062611	-0,035	0,291
CHR1	6155277	CHR1:6155277	SSF x Far_LoA	-10,9086766	0,015	0,296
CHR1	6158240	CHR1:6158240	SSF x Far_LoA	-5,76559008	-0,176	0,302
CHR1	6158255	CHR1:6158255	SSF x Far_LoA	-7,87566105	-0,108	0,308
CHR1	6158273	CHR1:6158273	SSF x Far_LoA	-7,98827646	-0,140	0,299
CHR1	6165648	CHR1:6165648	SSF x Far_LoA	-8,57661052	-0,055	0,313
CHR1	6166285	CHR1:6166285	SSF x Far_LoA	-8,36619747	-0,023	0,305
CHR1	6166292	CHR1:6166292	SSF x Far_LoA	-9,55189637	-0,112	0,308
CHR1	6166315	CHR1:6166315	SSF x Far_LoA	-5,88688411	0,042	0,311
CHR1	6166344	CHR1:6166344	SSF x Far_LoA	-12,2635121	-0,025	0,295
CHR1	6168874	CHR1:6168874	SSF x Far_LoA	-10,549877	0,076	0,300
CHR1	6173152	CHR1:6173152	SSF x Far_LoA	-7,96839184	-0,083	0,309
CHR1	6173170	CHR1:6173170	SSF x Far_LoA	-5,85409947	-0,070	0,312
CHR1	6173208	CHR1:6173208	SSF x Far_LoA	-6,09347346	0,066	0,313
CHR1	6173221	CHR1:6173221	SSF x Far_LoA	-11,5524961	0,139	0,295
CHR1	6176989	CHR1:6176989	SSF x Far_LoA	-8,83847602	-0,053	0,314
CHR1	6177036	CHR1:6177036	SSF x Far_LoA	-10,5703839	0,001	0,312
CHR1	6177053	CHR1:6177053	SSF x Far_LoA	-9,96853989	0,070	0,306
CHR1	6177060	CHR1:6177060	SSF x Far_LoA	-11,5029566	-0,051	0,316
CHR1	6177074	CHR1:6177074	SSF x Far_LoA	-6,79558863	-0,074	0,297
CHR1	6177119	CHR1:6177119	SSF x Far_LoA	-11,9597097	0,034	0,298
CHR1	6177150	CHR1:6177150	SSF x Far_LoA	-7,82145894	0,069	0,321
CHR1	6177153	CHR1:6177153	SSF x Far_LoA	-10,7338165	0,068	0,308
CHR1	6190602	CHR1:6190602	SSF x Far_LoA	-10,0928509	0,019	0,303
CHR1	6190635	CHR1:6190635	SSF x Far_LoA	-9,77096703	0,122	0,303
CHR1	619557	CHR1:619557	SSF x Far_LoA	-9,08365494	-0,015	0,311
CHR1	6199484	CHR1:6199484	SSF x Far_LoA	-10,1818087	-0,081	0,307
CHR1	6204385	CHR1:6204385	SSF x Far_LoA	0,82735216	-0,075	0,301
CHR1	6204391	CHR1:6204391	SSF x Far_LoA	-10,1902	0,005	0,294
CHR1	6204518	CHR1:6204518	SSF x Far_LoA	-10,255546	0,048	0,315
CHR1	6204541	CHR1:6204541	SSF x Far_LoA	-10,1981114	-0,038	0,321
CHR1	6218340	CHR1:6218340	SSF x Far_LoA	-2,8906621	-0,154	0,300
CHR1	6218391	CHR1:6218391	SSF x Far_LoA	-10,3203089	-0,072	0,306
CHR1	6218419	CHR1:6218419	SSF x Far_LoA	-8,36837799	0,132	0,290
CHR1	6218424	CHR1:6218424	SSF x Far_LoA	-7,59228051	0,014	0,318
CHR1	6218499	CHR1:6218499	SSF x Far_LoA	-10,1005052	0,072	0,304
CHR1	6218516	CHR1:6218516	SSF x Far_LoA	-8,08307214	0,118	0,303
CHR1	6222041	CHR1:6222041	SSF x Far_LoA	-8,03888212	0,010	0,310
CHR1	622942	CHR1:622942	SSF x Far_LoA	-12,1357333	-0,047	0,306
CHR1	623219	CHR1:623219	SSF x Far_LoA	-10,0452564	-0,020	0,305
CHR1	623301	CHR1:623301	SSF x Far_LoA	-9,29711331	-0,020	0,304
CHR1	6233225	CHR1:6233225	SSF x Far_LoA	-6,68039562	0,088	0,292
CHR1	6233266	CHR1:6233266	SSF x Far_LoA	-6,41164247	-0,156	0,296
CHR1	6233290	CHR1:6233290	SSF x Far_LoA	-12,287198	0,008	0,304
CHR1	6233401	CHR1:6233401	SSF x Far_LoA	-9,88120798	-0,022	0,304
CHR1	6250869	CHR1:6250869	SSF x Far_LoA	-8,98045586	-0,047	0,312
CHR1	6250896	CHR1:6250896	SSF x Far_LoA	-7,04679047	-0,077	0,295
CHR1	6250914	CHR1:6250914	SSF x Far_LoA	-7,9567114	0,048	0,320
CHR1	6265619	CHR1:6265619	SSF x Far_LoA	-9,73952439	-0,025	0,318
CHR1	6267993	CHR1:6267993	SSF x Far_LoA	-10,3151798	-0,008	0,303
CHR1	6268084	CHR1:6268084	SSF x Far_LoA	-10,5875104	0,052	0,309
CHR1	6268167	CHR1:6268167	SSF x Far_LoA	-8,40919041	0,037	0,306
CHR1	627993	CHR1:627993	SSF x Far_LoA	-8,94110859	-0,063	0,302

CHR1	628036	CHR1:628036	SSF x Far_LoA	-11,702539	-0,086	0,301
CHR1	628046	CHR1:628046	SSF x Far_LoA	-8,11585343	-0,110	0,307
CHR1	628119	CHR1:628119	SSF x Far_LoA	-10,6789509	-0,052	0,303
CHR1	6294614	CHR1:6294614	SSF x Far_LoA	-11,7393577	-0,015	0,299
CHR1	6300369	CHR1:6300369	SSF x Far_LoA	-8,17389719	-0,036	0,310
CHR1	6301168	CHR1:6301168	SSF x Far_LoA	-8,12172905	0,085	0,300
CHR1	6301219	CHR1:6301219	SSF x Far_LoA	-10,0293106	0,105	0,295
CHR1	6301246	CHR1:6301246	SSF x Far_LoA	-7,80891077	0,038	0,309
CHR1	6303645	CHR1:6303645	SSF x Far_LoA	-9,70019527	0,004	0,312
CHR1	6303666	CHR1:6303666	SSF x Far_LoA	-9,94497854	0,060	0,314
CHR1	6303667	CHR1:6303667	SSF x Far_LoA	-9,22487034	0,050	0,306
CHR1	6306610	CHR1:6306610	SSF x Far_LoA	-9,14771025	-0,099	0,304
CHR1	6306628	CHR1:6306628	SSF x Far_LoA	12,4499062	0,123	0,300
CHR1	6306648	CHR1:6306648	SSF x Far_LoA	-10,6423662	-0,005	0,316
CHR1	6308069	CHR1:6308069	SSF x Far_LoA	-8,39126077	0,048	0,305
CHR1	6308152	CHR1:6308152	SSF x Far_LoA	-9,65245992	-0,149	0,312
CHR1	6316188	CHR1:6316188	SSF x Far_LoA	-12,024066	-0,053	0,286
CHR1	6316189	CHR1:6316189	SSF x Far_LoA	-11,2035906	-0,059	0,310
CHR1	6316259	CHR1:6316259	SSF x Far_LoA	-9,00586462	0,031	0,308
CHR1	6319539	CHR1:6319539	SSF x Far_LoA	-8,26503123	-0,101	0,292
CHR1	6319713	CHR1:6319713	SSF x Far_LoA	-9,7100646	0,078	0,323
CHR1	6319728	CHR1:6319728	SSF x Far_LoA	-9,9074012	0,070	0,287
CHR1	6320803	CHR1:6320803	SSF x Far_LoA	-8,44501731	0,029	0,317
CHR1	6320817	CHR1:6320817	SSF x Far_LoA	-7,33002505	0,048	0,310
CHR1	6327371	CHR1:6327371	SSF x Far_LoA	-5,92774451	0,106	0,294
CHR1	6331517	CHR1:6331517	SSF x Far_LoA	-0,29265681	0,158	0,304
CHR1	6335636	CHR1:6335636	SSF x Far_LoA	-10,9597396	0,014	0,314
CHR1	6335717	CHR1:6335717	SSF x Far_LoA	-7,22469407	-0,115	0,302
CHR1	6335723	CHR1:6335723	SSF x Far_LoA	-2,60302575	0,163	0,302
CHR1	6335731	CHR1:6335731	SSF x Far_LoA	-10,4571111	-0,097	0,305
CHR1	6335751	CHR1:6335751	SSF x Far_LoA	-7,82120505	-0,045	0,303
CHR1	6335763	CHR1:6335763	SSF x Far_LoA	-11,4457167	-0,042	0,308
CHR1	6335783	CHR1:6335783	SSF x Far_LoA	-5,57609448	0,029	0,307
CHR1	6335787	CHR1:6335787	SSF x Far_LoA	-9,51624453	-0,052	0,316
CHR1	6343349	CHR1:6343349	SSF x Far_LoA	-6,78827896	-0,179	0,293
CHR1	6343382	CHR1:6343382	SSF x Far_LoA	-2,16959164	0,076	0,300
CHR1	6343581	CHR1:6343581	SSF x Far_LoA	-5,9398205	0,149	0,310
CHR1	6351243	CHR1:6351243	SSF x Far_LoA	-11,416079	0,015	0,303
CHR1	6353096	CHR1:6353096	SSF x Far_LoA	-9,85706451	-0,019	0,308
CHR1	6353110	CHR1:6353110	SSF x Far_LoA	-9,70139931	0,004	0,309
CHR1	6353132	CHR1:6353132	SSF x Far_LoA	-2,62933581	-0,097	0,298
CHR1	6353144	CHR1:6353144	SSF x Far_LoA	-9,92930765	0,101	0,307
CHR1	6353147	CHR1:6353147	SSF x Far_LoA	-9,15908722	0,024	0,308
CHR1	6353202	CHR1:6353202	SSF x Far_LoA	-10,813645	-0,019	0,310
CHR1	6353205	CHR1:6353205	SSF x Far_LoA	-10,8688829	-0,026	0,321
CHR1	6353285	CHR1:6353285	SSF x Far_LoA	-9,89163794	-0,035	0,316
CHR1	6370225	CHR1:6370225	SSF x Far_LoA	-9,02531485	-0,017	0,303
CHR1	6370305	CHR1:6370305	SSF x Far_LoA	-8,91230336	-0,032	0,321
CHR1	6372305	CHR1:6372305	SSF x Far_LoA	-10,0671612	0,109	0,305
CHR1	6372379	CHR1:6372379	SSF x Far_LoA	-11,5785746	0,009	0,305
CHR1	6372521	CHR1:6372521	SSF x Far_LoA	-9,88808045	0,024	0,312
CHR1	6372536	CHR1:6372536	SSF x Far_LoA	-9,68114317	-0,033	0,293
CHR1	6376704	CHR1:6376704	SSF x Far_LoA	-7,98637974	0,120	0,287

CHR1	6376723	CHR1:6376723	SSF x Far_LoA	-10,1421787	-0,108	0,314
CHR1	6376738	CHR1:6376738	SSF x Far_LoA	-8,66035258	0,063	0,291
CHR1	6376796	CHR1:6376796	SSF x Far_LoA	-11,4265627	-0,035	0,310
CHR1	6376797	CHR1:6376797	SSF x Far_LoA	-8,56165522	0,003	0,302
CHR1	6376809	CHR1:6376809	SSF x Far_LoA	-9,40401405	-0,031	0,310
CHR1	6376835	CHR1:6376835	SSF x Far_LoA	-7,83969246	-0,097	0,298
CHR1	6378385	CHR1:6378385	SSF x Far_LoA	-10,560933	0,013	0,311
CHR1	6383871	CHR1:6383871	SSF x Far_LoA	-10,2529777	-0,076	0,322
CHR1	6384012	CHR1:6384012	SSF x Far_LoA	-9,63901754	0,060	0,299
CHR1	6384057	CHR1:6384057	SSF x Far_LoA	-8,96369345	-0,106	0,300
CHR1	6384078	CHR1:6384078	SSF x Far_LoA	-9,64664388	-0,107	0,298
CHR1	640248	CHR1:640248	SSF x Far_LoA	-9,64493507	0,003	0,309
CHR1	640259	CHR1:640259	SSF x Far_LoA	-8,58966971	0,016	0,308
CHR1	640261	CHR1:640261	SSF x Far_LoA	-9,91941999	-0,009	0,298
CHR1	640384	CHR1:640384	SSF x Far_LoA	-9,8172626	-0,018	0,295
CHR1	6415649	CHR1:6415649	SSF x Far_LoA	-11,8721916	-0,035	0,294
CHR1	6415671	CHR1:6415671	SSF x Far_LoA	-9,50106285	-0,018	0,299
CHR1	6415675	CHR1:6415675	SSF x Far_LoA	-9,76526909	0,031	0,306
CHR1	6415767	CHR1:6415767	SSF x Far_LoA	-9,20259391	0,105	0,294
CHR1	6415805	CHR1:6415805	SSF x Far_LoA	-9,32563287	0,025	0,299
CHR1	6415806	CHR1:6415806	SSF x Far_LoA	-6,27316801	0,016	0,296
CHR1	6415814	CHR1:6415814	SSF x Far_LoA	-7,95323616	0,022	0,301
CHR1	6415840	CHR1:6415840	SSF x Far_LoA	-8,33301348	-0,109	0,308
CHR1	6415899	CHR1:6415899	SSF x Far_LoA	-8,1249553	-0,055	0,313
CHR1	6419733	CHR1:6419733	SSF x Far_LoA	-10,3517721	0,015	0,313
CHR1	6419778	CHR1:6419778	SSF x Far_LoA	-11,3119294	0,027	0,312
CHR1	6419798	CHR1:6419798	SSF x Far_LoA	-10,8232688	-0,018	0,303
CHR1	6419827	CHR1:6419827	SSF x Far_LoA	-10,240712	0,015	0,306
CHR1	6419852	CHR1:6419852	SSF x Far_LoA	-9,50263451	0,023	0,310
CHR1	6424893	CHR1:6424893	SSF x Far_LoA	-8,627439	0,092	0,313
CHR1	6424943	CHR1:6424943	SSF x Far_LoA	-5,35958084	-0,162	0,314
CHR1	6426230	CHR1:6426230	SSF x Far_LoA	-8,29513499	-0,100	0,306
CHR1	642895	CHR1:642895	SSF x Far_LoA	-7,55387866	0,106	0,307
CHR1	642944	CHR1:642944	SSF x Far_LoA	-7,75551572	0,050	0,327
CHR1	642958	CHR1:642958	SSF x Far_LoA	-2,28043793	-0,112	0,309
CHR1	642961	CHR1:642961	SSF x Far_LoA	-7,0438358	-0,099	0,300
CHR1	642990	CHR1:642990	SSF x Far_LoA	-6,83516597	-0,141	0,312
CHR1	643096	CHR1:643096	SSF x Far_LoA	-11,7160311	-0,062	0,300
CHR1	6435715	CHR1:6435715	SSF x Far_LoA	-8,88631924	0,007	0,311
CHR1	6438772	CHR1:6438772	SSF x Far_LoA	-7,4703712	-0,044	0,303
CHR1	6438777	CHR1:6438777	SSF x Far_LoA	-9,41523949	-0,113	0,290
CHR1	6438782	CHR1:6438782	SSF x Far_LoA	-9,844175	-0,005	0,311
CHR1	6438799	CHR1:6438799	SSF x Far_LoA	-7,71853446	-0,036	0,315
CHR1	6452426	CHR1:6452426	SSF x Far_LoA	-10,5203094	-0,021	0,301
CHR1	648321	CHR1:648321	SSF x Far_LoA	-9,03698815	0,030	0,314
CHR1	6487191	CHR1:6487191	SSF x Far_LoA	-10,1289124	-0,103	0,305
CHR1	6487235	CHR1:6487235	SSF x Far_LoA	-8,31774184	0,122	0,300
CHR1	6487319	CHR1:6487319	SSF x Far_LoA	-10,6732989	-0,032	0,304
CHR1	6487382	CHR1:6487382	SSF x Far_LoA	-11,3931414	0,074	0,295
CHR1	6492778	CHR1:6492778	SSF x Far_LoA	-9,73393863	0,033	0,304
CHR1	6492792	CHR1:6492792	SSF x Far_LoA	-11,0183837	-0,030	0,308
CHR1	6498893	CHR1:6498893	SSF x Far_LoA	-9,3160554	-0,026	0,294
CHR1	6498903	CHR1:6498903	SSF x Far_LoA	-10,4049356	-0,013	0,308

CHR1	6499053	CHR1:6499053	SSF x Far_LoA	-11,9620456	0,020	0,308
CHR1	6512413	CHR1:6512413	SSF x Far_LoA	-6,30443335	0,056	0,317
CHR1	6512527	CHR1:6512527	SSF x Far_LoA	-7,04590918	0,128	0,299
CHR1	6512650	CHR1:6512650	SSF x Far_LoA	-11,4147232	0,061	0,295
CHR1	6512652	CHR1:6512652	SSF x Far_LoA	-8,96805975	0,012	0,308
CHR1	6512663	CHR1:6512663	SSF x Far_LoA	-10,0752199	0,090	0,299
CHR1	6512692	CHR1:6512692	SSF x Far_LoA	-6,89657673	-0,054	0,300
CHR1	6523363	CHR1:6523363	SSF x Far_LoA	-8,66105154	0,040	0,309
CHR1	6525170	CHR1:6525170	SSF x Far_LoA	-9,00505539	-0,067	0,311
CHR1	6525266	CHR1:6525266	SSF x Far_LoA	-9,72068675	-0,149	0,295
CHR1	6528407	CHR1:6528407	SSF x Far_LoA	-10,6376744	-0,015	0,310
CHR1	6528536	CHR1:6528536	SSF x Far_LoA	-8,89118635	-0,120	0,305
CHR1	6528542	CHR1:6528542	SSF x Far_LoA	-8,70554283	-0,074	0,303
CHR1	6528549	CHR1:6528549	SSF x Far_LoA	-10,6906835	-0,069	0,298
CHR1	6528551	CHR1:6528551	SSF x Far_LoA	-10,4845755	-0,067	0,301
CHR1	6528601	CHR1:6528601	SSF x Far_LoA	-10,1420049	-0,055	0,288
CHR1	6528606	CHR1:6528606	SSF x Far_LoA	-6,71578929	0,098	0,295
CHR1	653326	CHR1:653326	SSF x Far_LoA	-5,03757933	-0,186	0,312
CHR1	6534510	CHR1:6534510	SSF x Far_LoA	-8,264335	-0,019	0,293
CHR1	6537187	CHR1:6537187	SSF x Far_LoA	-5,68471551	-0,084	0,311
CHR1	6537192	CHR1:6537192	SSF x Far_LoA	-9,20724066	0,100	0,298
CHR1	6537212	CHR1:6537212	SSF x Far_LoA	-8,80765708	-0,060	0,312
CHR1	6537264	CHR1:6537264	SSF x Far_LoA	-8,28718866	0,119	0,301
CHR1	6537272	CHR1:6537272	SSF x Far_LoA	-11,7863638	-0,031	0,308
CHR1	6537281	CHR1:6537281	SSF x Far_LoA	-7,77058865	0,080	0,304
CHR1	6540317	CHR1:6540317	SSF x Far_LoA	-9,76808907	-0,009	0,304
CHR1	6540348	CHR1:6540348	SSF x Far_LoA	-9,81170154	-0,067	0,312
CHR1	6540402	CHR1:6540402	SSF x Far_LoA	-7,23658817	-0,135	0,292
CHR1	6542225	CHR1:6542225	SSF x Far_LoA	3,67046782	0,038	0,314
CHR1	6542328	CHR1:6542328	SSF x Far_LoA	-7,93610602	-0,054	0,318
CHR1	6542372	CHR1:6542372	SSF x Far_LoA	-8,11202579	0,004	0,302
CHR1	6546732	CHR1:6546732	SSF x Far_LoA	-7,96302244	-0,102	0,299
CHR1	6550805	CHR1:6550805	SSF x Far_LoA	-8,79505776	0,019	0,309
CHR1	6550816	CHR1:6550816	SSF x Far_LoA	-8,39082778	0,022	0,299
CHR1	6550950	CHR1:6550950	SSF x Far_LoA	-9,4786388	-0,058	0,297
CHR1	6550974	CHR1:6550974	SSF x Far_LoA	-10,2643504	0,005	0,310
CHR1	6561251	CHR1:6561251	SSF x Far_LoA	-10,1096095	0,036	0,309
CHR1	6589156	CHR1:6589156	SSF x Far_LoA	-9,43637108	-0,016	0,311
CHR1	659259	CHR1:659259	SSF x Far_LoA	-9,79155709	-0,022	0,285
CHR1	6596052	CHR1:6596052	SSF x Far_LoA	-9,67378272	-0,054	0,304
CHR1	6596948	CHR1:6596948	SSF x Far_LoA	-7,34734399	0,047	0,310
CHR1	6599768	CHR1:6599768	SSF x Far_LoA	-9,6569009	-0,037	0,309
CHR1	6599810	CHR1:6599810	SSF x Far_LoA	-4,59757795	0,090	0,311
CHR1	6599860	CHR1:6599860	SSF x Far_LoA	0,86145915	0,104	0,313
CHR1	6604043	CHR1:6604043	SSF x Far_LoA	-10,0206196	-0,084	0,313
CHR1	6604124	CHR1:6604124	SSF x Far_LoA	-12,20841	-0,043	0,309
CHR1	6604180	CHR1:6604180	SSF x Far_LoA	-4,47425751	-0,133	0,315
CHR1	6609766	CHR1:6609766	SSF x Far_LoA	-8,36889693	-0,148	0,293
CHR1	6609779	CHR1:6609779	SSF x Far_LoA	-5,46923233	-0,151	0,293
CHR1	6609805	CHR1:6609805	SSF x Far_LoA	-7,71035367	-0,083	0,317
CHR1	6609860	CHR1:6609860	SSF x Far_LoA	-6,83975406	0,204	0,295
CHR1	6609866	CHR1:6609866	SSF x Far_LoA	-9,42438136	-0,029	0,318
CHR1	6609867	CHR1:6609867	SSF x Far_LoA	-8,50018288	0,033	0,317

CHR1	6609871	CHR1:6609871	SSF x Far_LoA	-8,3966353	0,049	0,311
CHR1	661372	CHR1:661372	SSF x Far_LoA	-12,6012949	0,012	0,282
CHR1	661373	CHR1:661373	SSF x Far_LoA	-8,71406333	-0,066	0,312
CHR1	6614884	CHR1:6614884	SSF x Far_LoA	-0,75548831	0,058	0,311
CHR1	6614895	CHR1:6614895	SSF x Far_LoA	-2,19836909	0,159	0,310
CHR1	6614910	CHR1:6614910	SSF x Far_LoA	-10,2458564	-0,061	0,299
CHR1	6614974	CHR1:6614974	SSF x Far_LoA	-6,75901219	0,163	0,300
CHR1	6615034	CHR1:6615034	SSF x Far_LoA	-9,94358833	-0,030	0,311
CHR1	6615041	CHR1:6615041	SSF x Far_LoA	-8,55440954	-0,119	0,314
CHR1	6615060	CHR1:6615060	SSF x Far_LoA	-8,62711306	0,025	0,313
CHR1	6615082	CHR1:6615082	SSF x Far_LoA	-5,67064133	0,118	0,291
CHR1	6615122	CHR1:6615122	SSF x Far_LoA	-9,70276351	0,131	0,284
CHR1	6615162	CHR1:6615162	SSF x Far_LoA	-6,8828906	0,147	0,288
CHR1	6615165	CHR1:6615165	SSF x Far_LoA	-8,05153926	-0,150	0,298
CHR1	6640665	CHR1:6640665	SSF x Far_LoA	-11,7411254	-0,020	0,297
CHR1	6641751	CHR1:6641751	SSF x Far_LoA	-4,47914414	-0,122	0,310
CHR1	6641894	CHR1:6641894	SSF x Far_LoA	-3,80707442	-0,202	0,309
CHR1	6662997	CHR1:6662997	SSF x Far_LoA	-10,3831231	-0,047	0,306
CHR1	6665262	CHR1:6665262	SSF x Far_LoA	-9,68881944	-0,001	0,294
CHR1	6665275	CHR1:6665275	SSF x Far_LoA	-11,1487231	0,054	0,305
CHR1	6665276	CHR1:6665276	SSF x Far_LoA	-9,82221382	0,029	0,308
CHR1	6665281	CHR1:6665281	SSF x Far_LoA	-10,0128982	0,057	0,306
CHR1	6670281	CHR1:6670281	SSF x Far_LoA	-10,285991	-0,117	0,313
CHR1	6671832	CHR1:6671832	SSF x Far_LoA	-5,09288504	-0,119	0,303
CHR1	6680786	CHR1:6680786	SSF x Far_LoA	-10,2093192	0,033	0,309
CHR1	6680817	CHR1:6680817	SSF x Far_LoA	-8,40889922	-0,013	0,286
CHR1	6680823	CHR1:6680823	SSF x Far_LoA	-9,13729412	-0,010	0,271
CHR1	6680855	CHR1:6680855	SSF x Far_LoA	-9,07572314	-0,019	0,286
CHR1	6680862	CHR1:6680862	SSF x Far_LoA	-8,95657859	-0,005	0,278
CHR1	6680949	CHR1:6680949	SSF x Far_LoA	-9,29652191	0,014	0,297
CHR1	6684730	CHR1:6684730	SSF x Far_LoA	-8,87286322	-0,002	0,312
CHR1	6687970	CHR1:6687970	SSF x Far_LoA	-11,0482026	-0,022	0,300
CHR1	6692658	CHR1:6692658	SSF x Far_LoA	-10,9293367	-0,002	0,323
CHR1	6697720	CHR1:6697720	SSF x Far_LoA	-7,43696421	0,193	0,280
CHR1	6704184	CHR1:6704184	SSF x Far_LoA	-10,6716069	-0,001	0,301
CHR1	6704262	CHR1:6704262	SSF x Far_LoA	-3,01040024	0,084	0,311
CHR1	6704477	CHR1:6704477	SSF x Far_LoA	-11,6502218	-0,034	0,320
CHR1	6718065	CHR1:6718065	SSF x Far_LoA	-10,5850766	0,060	0,310
CHR1	6725301	CHR1:6725301	SSF x Far_LoA	-7,2832873	0,113	0,301
CHR1	6725302	CHR1:6725302	SSF x Far_LoA	-7,57474835	0,082	0,298
CHR1	6736270	CHR1:6736270	SSF x Far_LoA	-8,60306147	-0,088	0,304
CHR1	6736320	CHR1:6736320	SSF x Far_LoA	-2,25713747	0,093	0,304
CHR1	6736345	CHR1:6736345	SSF x Far_LoA	-10,0073	0,000	0,309
CHR1	6736407	CHR1:6736407	SSF x Far_LoA	-7,32184408	0,006	0,329
CHR1	6745502	CHR1:6745502	SSF x Far_LoA	-7,90127389	0,041	0,294
CHR1	674558	CHR1:674558	SSF x Far_LoA	-11,4447656	-0,012	0,302
CHR1	674564	CHR1:674564	SSF x Far_LoA	-7,66157427	0,106	0,309
CHR1	674599	CHR1:674599	SSF x Far_LoA	-11,4708333	0,002	0,308
CHR1	674620	CHR1:674620	SSF x Far_LoA	-8,57874306	0,043	0,309
CHR1	674623	CHR1:674623	SSF x Far_LoA	-7,63141667	-0,106	0,302
CHR1	6751320	CHR1:6751320	SSF x Far_LoA	-7,61384369	0,126	0,303
CHR1	6754256	CHR1:6754256	SSF x Far_LoA	-7,4983799	-0,118	0,302
CHR1	6765445	CHR1:6765445	SSF x Far_LoA	-10,1253511	-0,053	0,309

CHR1	6765520	CHR1:6765520	SSF x Far_LoA	-11,0074194	0,005	0,290
CHR1	6765548	CHR1:6765548	SSF x Far_LoA	-9,38431402	0,055	0,297
CHR1	6767134	CHR1:6767134	SSF x Far_LoA	-9,48265531	0,094	0,315
CHR1	6781682	CHR1:6781682	SSF x Far_LoA	-6,8079721	0,087	0,297
CHR1	6781691	CHR1:6781691	SSF x Far_LoA	-10,1321878	0,059	0,304
CHR1	6788536	CHR1:6788536	SSF x Far_LoA	-10,7778427	0,008	0,308
CHR1	6813021	CHR1:6813021	SSF x Far_LoA	-7,88462685	0,158	0,309
CHR1	6813170	CHR1:6813170	SSF x Far_LoA	-9,04861586	-0,014	0,309
CHR1	6813171	CHR1:6813171	SSF x Far_LoA	-5,52299868	0,001	0,321
CHR1	6813172	CHR1:6813172	SSF x Far_LoA	-8,95718333	0,012	0,316
CHR1	6813192	CHR1:6813192	SSF x Far_LoA	-9,42674515	-0,008	0,313
CHR1	6872475	CHR1:6872475	SSF x Far_LoA	-8,91460376	0,076	0,303
CHR1	6881059	CHR1:6881059	SSF x Far_LoA	-9,61609191	-0,040	0,309
CHR1	6881067	CHR1:6881067	SSF x Far_LoA	-8,3244082	-0,068	0,310
CHR1	6881093	CHR1:6881093	SSF x Far_LoA	-9,24053784	-0,054	0,304
CHR1	6884682	CHR1:6884682	SSF x Far_LoA	-11,8338785	0,046	0,304
CHR1	6884801	CHR1:6884801	SSF x Far_LoA	-4,55577931	-0,193	0,293
CHR1	6884816	CHR1:6884816	SSF x Far_LoA	-6,82077397	-0,058	0,321
CHR1	6889018	CHR1:6889018	SSF x Far_LoA	-5,0947863	-0,096	0,301
CHR1	6889046	CHR1:6889046	SSF x Far_LoA	-11,0734664	0,054	0,308
CHR1	6889080	CHR1:6889080	SSF x Far_LoA	-9,79433852	-0,044	0,292
CHR1	6889109	CHR1:6889109	SSF x Far_LoA	-8,31930882	-0,023	0,301
CHR1	6889121	CHR1:6889121	SSF x Far_LoA	-9,1587728	-0,017	0,299
CHR1	6889130	CHR1:6889130	SSF x Far_LoA	-9,87762489	-0,021	0,296
CHR1	6889202	CHR1:6889202	SSF x Far_LoA	-9,35337727	0,076	0,296
CHR1	6889230	CHR1:6889230	SSF x Far_LoA	-9,80067836	0,076	0,308
CHR1	6892843	CHR1:6892843	SSF x Far_LoA	-10,7012488	0,063	0,303
CHR1	6892867	CHR1:6892867	SSF x Far_LoA	-8,85587607	0,026	0,304
CHR1	6892876	CHR1:6892876	SSF x Far_LoA	-9,18044355	0,055	0,300
CHR1	6896414	CHR1:6896414	SSF x Far_LoA	-11,2037274	-0,004	0,317
CHR1	6902154	CHR1:6902154	SSF x Far_LoA	-9,72961508	0,134	0,304
CHR1	6902199	CHR1:6902199	SSF x Far_LoA	-9,27137897	-0,018	0,297
CHR1	6910268	CHR1:6910268	SSF x Far_LoA	-7,4601098	-0,017	0,309
CHR1	6910907	CHR1:6910907	SSF x Far_LoA	-10,6023795	0,023	0,315
CHR1	6910918	CHR1:6910918	SSF x Far_LoA	-7,02395869	0,136	0,306
CHR1	6910933	CHR1:6910933	SSF x Far_LoA	-11,8831462	-0,025	0,293
CHR1	6910953	CHR1:6910953	SSF x Far_LoA	-6,65200272	-0,076	0,323
CHR1	6918301	CHR1:6918301	SSF x Far_LoA	-8,3269906	0,025	0,312
CHR1	6918358	CHR1:6918358	SSF x Far_LoA	-11,1026281	0,035	0,302
CHR1	6918360	CHR1:6918360	SSF x Far_LoA	-10,2543986	0,003	0,314
CHR1	6918390	CHR1:6918390	SSF x Far_LoA	-10,4586307	-0,020	0,295
CHR1	6918403	CHR1:6918403	SSF x Far_LoA	-6,20802783	0,001	0,303
CHR1	6918473	CHR1:6918473	SSF x Far_LoA	-9,31561538	-0,015	0,308
CHR1	6918498	CHR1:6918498	SSF x Far_LoA	-8,81920401	0,000	0,304
CHR1	6918535	CHR1:6918535	SSF x Far_LoA	-10,5028079	0,080	0,306
CHR1	6918541	CHR1:6918541	SSF x Far_LoA	-6,69825355	0,210	0,288
CHR1	6918666	CHR1:6918666	SSF x Far_LoA	-9,37085785	0,063	0,314
CHR1	6929681	CHR1:6929681	SSF x Far_LoA	-10,4681868	-0,072	0,318
CHR1	6930782	CHR1:6930782	SSF x Far_LoA	-9,42940351	0,046	0,306
CHR1	6939667	CHR1:6939667	SSF x Far_LoA	-8,8360984	0,091	0,290
CHR1	6939694	CHR1:6939694	SSF x Far_LoA	-8,56752454	0,076	0,294
CHR1	6939755	CHR1:6939755	SSF x Far_LoA	-5,1638103	0,149	0,312
CHR1	6939768	CHR1:6939768	SSF x Far_LoA	-7,64720819	0,127	0,299

CHR1	6939776	CHR1:6939776	SSF x Far_LoA	-10,0261027	0,043	0,308
CHR1	694560	CHR1:694560	SSF x Far_LoA	-2,89811859	-0,053	0,308
CHR1	694868	CHR1:694868	SSF x Far_LoA	-10,8667932	-0,058	0,299
CHR1	694894	CHR1:694894	SSF x Far_LoA	-9,10841683	-0,112	0,309
CHR1	6949949	CHR1:6949949	SSF x Far_LoA	-8,48217689	0,146	0,300
CHR1	6949967	CHR1:6949967	SSF x Far_LoA	-6,80870054	0,138	0,308
CHR1	6950004	CHR1:6950004	SSF x Far_LoA	-11,6864663	-0,045	0,309
CHR1	6953989	CHR1:6953989	SSF x Far_LoA	-11,0567589	0,016	0,298
CHR1	6954074	CHR1:6954074	SSF x Far_LoA	-9,14275528	-0,005	0,323
CHR1	6954126	CHR1:6954126	SSF x Far_LoA	-10,3299177	-0,012	0,311
CHR1	6962182	CHR1:6962182	SSF x Far_LoA	-6,95757871	-0,182	0,294
CHR1	6962184	CHR1:6962184	SSF x Far_LoA	-7,29669931	-0,173	0,291
CHR1	6962218	CHR1:6962218	SSF x Far_LoA	-7,01494618	0,215	0,285
CHR1	6962235	CHR1:6962235	SSF x Far_LoA	-11,2618925	0,007	0,301
CHR1	6962264	CHR1:6962264	SSF x Far_LoA	-6,88413032	-0,162	0,303
CHR1	6962308	CHR1:6962308	SSF x Far_LoA	-7,51552016	0,052	0,313
CHR1	6962342	CHR1:6962342	SSF x Far_LoA	-10,9293234	-0,121	0,301
CHR1	6962406	CHR1:6962406	SSF x Far_LoA	-7,51810144	0,088	0,313
CHR1	6962408	CHR1:6962408	SSF x Far_LoA	1,60266443	0,073	0,307
CHR1	6972547	CHR1:6972547	SSF x Far_LoA	-3,53947929	-0,221	0,282
CHR1	6972567	CHR1:6972567	SSF x Far_LoA	-5,52768669	-0,151	0,303
CHR1	6972571	CHR1:6972571	SSF x Far_LoA	-3,48795148	-0,263	0,292
CHR1	6972580	CHR1:6972580	SSF x Far_LoA	-9,92741875	0,093	0,303
CHR1	6972582	CHR1:6972582	SSF x Far_LoA	-11,6409653	0,031	0,307
CHR1	6972663	CHR1:6972663	SSF x Far_LoA	-8,83972214	0,018	0,298
CHR1	6972676	CHR1:6972676	SSF x Far_LoA	-8,16607409	-0,029	0,319
CHR1	6972752	CHR1:6972752	SSF x Far_LoA	-9,29026393	-0,151	0,309
CHR1	6982056	CHR1:6982056	SSF x Far_LoA	-9,05128309	0,059	0,298
CHR1	6982219	CHR1:6982219	SSF x Far_LoA	-8,35862967	0,007	0,311
CHR1	6982237	CHR1:6982237	SSF x Far_LoA	-10,1856592	-0,021	0,297
CHR1	6991556	CHR1:6991556	SSF x Far_LoA	-11,8729945	0,019	0,299
CHR1	6991571	CHR1:6991571	SSF x Far_LoA	-10,3864682	-0,006	0,300
CHR1	7003620	CHR1:7003620	SSF x Far_LoA	-9,59037663	-0,081	0,315
CHR1	7019028	CHR1:7019028	SSF x Far_LoA	-8,65740753	0,058	0,310
CHR1	7019074	CHR1:7019074	SSF x Far_LoA	-9,06672725	0,009	0,288
CHR1	7019100	CHR1:7019100	SSF x Far_LoA	-8,12047915	0,037	0,303
CHR1	7019210	CHR1:7019210	SSF x Far_LoA	-10,6263162	0,084	0,302
CHR1	7019216	CHR1:7019216	SSF x Far_LoA	-9,96407422	0,066	0,317
CHR1	7019229	CHR1:7019229	SSF x Far_LoA	-11,7028566	0,029	0,307
CHR1	7023116	CHR1:7023116	SSF x Far_LoA	-9,84754882	0,006	0,302
CHR1	7025508	CHR1:7025508	SSF x Far_LoA	-9,54682291	0,047	0,305
CHR1	7025518	CHR1:7025518	SSF x Far_LoA	-9,30155384	0,145	0,285
CHR1	7025646	CHR1:7025646	SSF x Far_LoA	-10,8002805	0,025	0,312
CHR1	7039369	CHR1:7039369	SSF x Far_LoA	-8,22532896	0,107	0,293
CHR1	7039373	CHR1:7039373	SSF x Far_LoA	-11,1660123	0,003	0,320
CHR1	7039392	CHR1:7039392	SSF x Far_LoA	-9,62273727	-0,084	0,298
CHR1	7039428	CHR1:7039428	SSF x Far_LoA	-9,15876496	0,004	0,309
CHR1	7039555	CHR1:7039555	SSF x Far_LoA	-10,6349499	0,056	0,311
CHR1	7039580	CHR1:7039580	SSF x Far_LoA	-8,73570669	-0,026	0,300
CHR1	7039595	CHR1:7039595	SSF x Far_LoA	-7,39605132	0,117	0,306
CHR1	7039596	CHR1:7039596	SSF x Far_LoA	-8,49354259	-0,073	0,313
CHR1	7041138	CHR1:7041138	SSF x Far_LoA	-11,3752952	0,155	0,290
CHR1	7041184	CHR1:7041184	SSF x Far_LoA	-10,3979016	-0,069	0,302

CHR1	7042934	CHR1:7042934	SSF x Far_LoA	-8,76363863	-0,112	0,309
CHR1	7042953	CHR1:7042953	SSF x Far_LoA	-11,0596668	-0,017	0,315
CHR1	7043042	CHR1:7043042	SSF x Far_LoA	-10,7309726	-0,123	0,296
CHR1	7043049	CHR1:7043049	SSF x Far_LoA	-8,2194409	-0,013	0,321
CHR1	7043123	CHR1:7043123	SSF x Far_LoA	-8,99392358	-0,084	0,309
CHR1	706645	CHR1:706645	SSF x Far_LoA	-6,7757159	-0,042	0,295
CHR1	7066678	CHR1:7066678	SSF x Far_LoA	-5,97836629	-0,143	0,320
CHR1	7066750	CHR1:7066750	SSF x Far_LoA	-9,44033682	0,089	0,309
CHR1	7066879	CHR1:7066879	SSF x Far_LoA	-6,38647341	-0,014	0,316
CHR1	7066933	CHR1:7066933	SSF x Far_LoA	-10,5013594	-0,092	0,312
CHR1	706765	CHR1:706765	SSF x Far_LoA	-9,99457234	-0,011	0,309
CHR1	707338	CHR1:707338	SSF x Far_LoA	-9,79100658	-0,014	0,310
CHR1	707375	CHR1:707375	SSF x Far_LoA	-9,65523513	0,001	0,299
CHR1	7087655	CHR1:7087655	SSF x Far_LoA	-11,0976834	-0,035	0,305
CHR1	7087784	CHR1:7087784	SSF x Far_LoA	-8,87424951	-0,017	0,310
CHR1	7090640	CHR1:7090640	SSF x Far_LoA	-9,13284764	0,110	0,295
CHR1	7090687	CHR1:7090687	SSF x Far_LoA	-10,152678	0,021	0,304
CHR1	7090730	CHR1:7090730	SSF x Far_LoA	-8,88132209	0,165	0,297
CHR1	7090737	CHR1:7090737	SSF x Far_LoA	-5,2682564	-0,059	0,291
CHR1	7094072	CHR1:7094072	SSF x Far_LoA	-10,0694484	0,052	0,309
CHR1	7119674	CHR1:7119674	SSF x Far_LoA	-7,99324507	-0,115	0,307
CHR1	7153962	CHR1:7153962	SSF x Far_LoA	-8,56786194	0,072	0,288
CHR1	7154078	CHR1:7154078	SSF x Far_LoA	-7,92736734	0,097	0,313
CHR1	7161003	CHR1:7161003	SSF x Far_LoA	-6,8632628	-0,103	0,301
CHR1	7161336	CHR1:7161336	SSF x Far_LoA	-7,28343501	-0,001	0,308
CHR1	7161368	CHR1:7161368	SSF x Far_LoA	-8,70331997	-0,203	0,304
CHR1	7165747	CHR1:7165747	SSF x Far_LoA	-9,33180145	-0,001	0,305
CHR1	7194676	CHR1:7194676	SSF x Far_LoA	-6,73125697	-0,063	0,310
CHR1	7194679	CHR1:7194679	SSF x Far_LoA	-10,6160711	-0,057	0,295
CHR1	7194837	CHR1:7194837	SSF x Far_LoA	-9,23917057	-0,078	0,296
CHR1	7204717	CHR1:7204717	SSF x Far_LoA	-2,49073314	-0,062	0,303
CHR1	7245966	CHR1:7245966	SSF x Far_LoA	-8,87586194	0,083	0,321
CHR1	7246035	CHR1:7246035	SSF x Far_LoA	-7,33699274	0,070	0,304
CHR1	7246045	CHR1:7246045	SSF x Far_LoA	-9,87561347	0,059	0,306
CHR1	7246053	CHR1:7246053	SSF x Far_LoA	-10,1580439	0,013	0,311
CHR1	7255925	CHR1:7255925	SSF x Far_LoA	-9,02000015	-0,034	0,319
CHR1	7256007	CHR1:7256007	SSF x Far_LoA	-8,45286518	-0,055	0,318
CHR1	7256106	CHR1:7256106	SSF x Far_LoA	-9,25421331	0,054	0,302
CHR1	728841	CHR1:728841	SSF x Far_LoA	-10,9424682	0,015	0,303
CHR1	7305675	CHR1:7305675	SSF x Far_LoA	-8,47893416	0,000	0,310
CHR1	7309513	CHR1:7309513	SSF x Far_LoA	-7,18052231	0,019	0,307
CHR1	7312978	CHR1:7312978	SSF x Far_LoA	-8,77905523	0,042	0,302
CHR1	7313024	CHR1:7313024	SSF x Far_LoA	-12,0213921	-0,026	0,301
CHR1	7317704	CHR1:7317704	SSF x Far_LoA	-10,8084764	-0,056	0,307
CHR1	7329246	CHR1:7329246	SSF x Far_LoA	-7,70291429	-0,065	0,306
CHR1	7364806	CHR1:7364806	SSF x Far_LoA	-11,6919373	-0,014	0,300
CHR1	7367953	CHR1:7367953	SSF x Far_LoA	-11,6874278	-0,004	0,318
CHR1	7368035	CHR1:7368035	SSF x Far_LoA	-9,77512911	0,051	0,298
CHR1	7368087	CHR1:7368087	SSF x Far_LoA	-9,94134505	0,067	0,298
CHR1	7368189	CHR1:7368189	SSF x Far_LoA	-9,67257021	0,036	0,311
CHR1	7368208	CHR1:7368208	SSF x Far_LoA	-8,53887434	0,071	0,310
CHR1	7384032	CHR1:7384032	SSF x Far_LoA	-10,6148284	-0,054	0,286
CHR1	7402430	CHR1:7402430	SSF x Far_LoA	-8,71231437	0,019	0,297

CHR1	7424390	CHR1:7424390	SSF x Far_LoA	-10,379243	0,035	0,308
CHR1	7424527	CHR1:7424527	SSF x Far_LoA	-8,18141237	-0,058	0,308
CHR1	7424642	CHR1:7424642	SSF x Far_LoA	-10,628426	-0,009	0,304
CHR1	7435827	CHR1:7435827	SSF x Far_LoA	-9,24331864	-0,001	0,296
CHR1	7436551	CHR1:7436551	SSF x Far_LoA	-8,89692708	0,061	0,300
CHR1	7449553	CHR1:7449553	SSF x Far_LoA	-9,67638962	0,068	0,305
CHR1	7458478	CHR1:7458478	SSF x Far_LoA	-10,0428014	-0,075	0,299
CHR1	7464728	CHR1:7464728	SSF x Far_LoA	-9,44347533	-0,063	0,312
CHR1	7464808	CHR1:7464808	SSF x Far_LoA	-11,1409445	-0,005	0,306
CHR1	7464859	CHR1:7464859	SSF x Far_LoA	-6,62442996	0,131	0,311
CHR1	7464866	CHR1:7464866	SSF x Far_LoA	-7,09564565	0,115	0,302
CHR1	7464869	CHR1:7464869	SSF x Far_LoA	-6,71272697	-0,045	0,333
CHR1	7464873	CHR1:7464873	SSF x Far_LoA	-6,7990605	0,129	0,308
CHR1	7466379	CHR1:7466379	SSF x Far_LoA	-9,46680984	-0,024	0,313
CHR1	7466440	CHR1:7466440	SSF x Far_LoA	-9,78152338	-0,039	0,307
CHR1	7482274	CHR1:7482274	SSF x Far_LoA	-0,12505618	0,083	0,306
CHR1	7493292	CHR1:7493292	SSF x Far_LoA	-4,1377246	-0,136	0,324
CHR1	7493306	CHR1:7493306	SSF x Far_LoA	-10,8623658	0,085	0,311
CHR1	7493337	CHR1:7493337	SSF x Far_LoA	-8,97907781	-0,057	0,297
CHR1	7493338	CHR1:7493338	SSF x Far_LoA	-8,46325605	0,046	0,304
CHR1	7498455	CHR1:7498455	SSF x Far_LoA	-9,99166401	0,037	0,290
CHR1	7498487	CHR1:7498487	SSF x Far_LoA	-11,5635773	0,029	0,294
CHR1	7498499	CHR1:7498499	SSF x Far_LoA	-8,92431133	0,040	0,305
CHR1	7498543	CHR1:7498543	SSF x Far_LoA	-9,28852606	-0,066	0,306
CHR1	749890	CHR1:749890	SSF x Far_LoA	-8,73782115	0,002	0,310
CHR1	749994	CHR1:749994	SSF x Far_LoA	-11,6031513	-0,042	0,311
CHR1	7502719	CHR1:7502719	SSF x Far_LoA	-10,6099315	0,020	0,305
CHR1	7507939	CHR1:7507939	SSF x Far_LoA	-7,68911129	0,110	0,304
CHR1	7508005	CHR1:7508005	SSF x Far_LoA	-7,1974359	0,032	0,323
CHR1	7508007	CHR1:7508007	SSF x Far_LoA	-4,47332794	-0,146	0,324
CHR1	7508064	CHR1:7508064	SSF x Far_LoA	-9,08780265	0,077	0,310
CHR1	7508168	CHR1:7508168	SSF x Far_LoA	-7,82142795	-0,037	0,324
CHR1	7510624	CHR1:7510624	SSF x Far_LoA	-7,39865547	0,052	0,305
CHR1	751655	CHR1:751655	SSF x Far_LoA	-1,31323303	0,204	0,312
CHR1	751947	CHR1:751947	SSF x Far_LoA	-6,30604428	0,150	0,304
CHR1	751952	CHR1:751952	SSF x Far_LoA	-10,7845407	-0,034	0,308
CHR1	751997	CHR1:751997	SSF x Far_LoA	-9,4686631	0,077	0,307
CHR1	7534958	CHR1:7534958	SSF x Far_LoA	-2,64124796	0,060	0,315
CHR1	7549492	CHR1:7549492	SSF x Far_LoA	-10,1977068	-0,066	0,302
CHR1	7549504	CHR1:7549504	SSF x Far_LoA	-7,42606609	-0,128	0,304
CHR1	7549541	CHR1:7549541	SSF x Far_LoA	-8,81900551	0,050	0,310
CHR1	7549551	CHR1:7549551	SSF x Far_LoA	-6,93514732	0,077	0,316
CHR1	7549611	CHR1:7549611	SSF x Far_LoA	-10,1190775	-0,010	0,310
CHR1	7549694	CHR1:7549694	SSF x Far_LoA	-8,53296906	-0,014	0,313
CHR1	7553900	CHR1:7553900	SSF x Far_LoA	-11,1654896	0,057	0,312
CHR1	75563	CHR1:75563	SSF x Far_LoA	-7,93640706	0,037	0,313
CHR1	7561798	CHR1:7561798	SSF x Far_LoA	-10,489099	0,068	0,302
CHR1	7561800	CHR1:7561800	SSF x Far_LoA	-8,00731799	-0,018	0,320
CHR1	756240	CHR1:756240	SSF x Far_LoA	-9,87294723	0,057	0,306
CHR1	7565190	CHR1:7565190	SSF x Far_LoA	-8,8243921	-0,026	0,313
CHR1	7565197	CHR1:7565197	SSF x Far_LoA	-10,2223015	-0,027	0,318
CHR1	7565366	CHR1:7565366	SSF x Far_LoA	-7,62798641	0,040	0,302
CHR1	7565384	CHR1:7565384	SSF x Far_LoA	-12,3389758	0,025	0,295

CHR1	7565389	CHR1:7565389	SSF x Far_LoA	-10,0200555	0,013	0,310
CHR1	7565412	CHR1:7565412	SSF x Far_LoA	-11,4291508	-0,015	0,303
CHR1	7565421	CHR1:7565421	SSF x Far_LoA	-7,07384234	0,073	0,312
CHR1	7568926	CHR1:7568926	SSF x Far_LoA	-3,05879451	0,061	0,312
CHR1	7569094	CHR1:7569094	SSF x Far_LoA	-9,66103993	-0,012	0,307
CHR1	7569120	CHR1:7569120	SSF x Far_LoA	-11,1350043	0,111	0,302
CHR1	7571201	CHR1:7571201	SSF x Far_LoA	-9,17345838	0,076	0,302
CHR1	7585962	CHR1:7585962	SSF x Far_LoA	-11,0399928	0,155	0,284
CHR1	7585987	CHR1:7585987	SSF x Far_LoA	-8,39019565	-0,050	0,309
CHR1	7586030	CHR1:7586030	SSF x Far_LoA	-7,14635023	0,104	0,296
CHR1	7586045	CHR1:7586045	SSF x Far_LoA	-12,3068307	-0,001	0,310
CHR1	7586144	CHR1:7586144	SSF x Far_LoA	-8,80616975	0,040	0,319
CHR1	760031	CHR1:760031	SSF x Far_LoA	-0,16966909	-0,164	0,308
CHR1	760041	CHR1:760041	SSF x Far_LoA	-7,2018262	-0,116	0,308
CHR1	760096	CHR1:760096	SSF x Far_LoA	-8,77181648	-0,135	0,296
CHR1	7602015	CHR1:7602015	SSF x Far_LoA	-9,99485154	0,016	0,308
CHR1	7603383	CHR1:7603383	SSF x Far_LoA	-10,8547594	-0,019	0,298
CHR1	7636811	CHR1:7636811	SSF x Far_LoA	-9,62720021	-0,069	0,300
CHR1	7638212	CHR1:7638212	SSF x Far_LoA	-10,6288821	-0,085	0,318
CHR1	7638574	CHR1:7638574	SSF x Far_LoA	-11,0862517	-0,051	0,313
CHR1	764649	CHR1:764649	SSF x Far_LoA	-9,53084373	-0,060	0,314
CHR1	764654	CHR1:764654	SSF x Far_LoA	-1,57216371	-0,091	0,303
CHR1	7647696	CHR1:7647696	SSF x Far_LoA	-8,62030563	0,015	0,308
CHR1	7647698	CHR1:7647698	SSF x Far_LoA	-9,65058857	0,032	0,306
CHR1	7647806	CHR1:7647806	SSF x Far_LoA	-8,18335599	0,105	0,304
CHR1	764824	CHR1:764824	SSF x Far_LoA	-7,3770091	0,015	0,317
CHR1	764841	CHR1:764841	SSF x Far_LoA	-11,4099514	-0,022	0,298
CHR1	764856	CHR1:764856	SSF x Far_LoA	-10,0183526	-0,030	0,317
CHR1	7651322	CHR1:7651322	SSF x Far_LoA	-7,09541035	-0,060	0,310
CHR1	7655417	CHR1:7655417	SSF x Far_LoA	-8,48942751	0,071	0,308
CHR1	7662786	CHR1:7662786	SSF x Far_LoA	-7,85533017	-0,032	0,310
CHR1	7666935	CHR1:7666935	SSF x Far_LoA	-9,04952767	-0,096	0,313
CHR1	7676963	CHR1:7676963	SSF x Far_LoA	-2,70118703	0,094	0,305
CHR1	7677012	CHR1:7677012	SSF x Far_LoA	-9,01418057	0,026	0,304
CHR1	7677017	CHR1:7677017	SSF x Far_LoA	-9,32139374	-0,047	0,315
CHR1	7677052	CHR1:7677052	SSF x Far_LoA	-10,0911036	-0,025	0,302
CHR1	7677087	CHR1:7677087	SSF x Far_LoA	-10,4568135	-0,072	0,305
CHR1	7677125	CHR1:7677125	SSF x Far_LoA	-8,77665506	0,053	0,295
CHR1	7677169	CHR1:7677169	SSF x Far_LoA	-11,7977285	-0,001	0,287
CHR1	7677186	CHR1:7677186	SSF x Far_LoA	-11,0858534	0,078	0,303
CHR1	7681246	CHR1:7681246	SSF x Far_LoA	-11,3127234	-0,028	0,311
CHR1	7681340	CHR1:7681340	SSF x Far_LoA	-9,00552143	0,053	0,308
CHR1	7683612	CHR1:7683612	SSF x Far_LoA	-10,8446927	0,019	0,309
CHR1	7685469	CHR1:7685469	SSF x Far_LoA	-9,55988904	-0,067	0,308
CHR1	7685480	CHR1:7685480	SSF x Far_LoA	-5,63366062	-0,002	0,303
CHR1	7685488	CHR1:7685488	SSF x Far_LoA	-9,20410846	-0,016	0,304
CHR1	7685510	CHR1:7685510	SSF x Far_LoA	-8,62728385	-0,017	0,297
CHR1	7685514	CHR1:7685514	SSF x Far_LoA	-9,10512873	-0,009	0,291
CHR1	7685567	CHR1:7685567	SSF x Far_LoA	-8,79936551	-0,024	0,313
CHR1	7685643	CHR1:7685643	SSF x Far_LoA	-4,39699905	-0,101	0,303
CHR1	7685647	CHR1:7685647	SSF x Far_LoA	-8,60857818	-0,092	0,303
CHR1	7685648	CHR1:7685648	SSF x Far_LoA	-8,1878075	0,030	0,305
CHR1	7685698	CHR1:7685698	SSF x Far_LoA	-6,30002309	0,053	0,309

CHR1	7685720	CHR1:7685720	SSF x Far_LoA	-9,10214093	0,014	0,317
CHR1	7687729	CHR1:7687729	SSF x Far_LoA	-5,70741164	0,162	0,294
CHR1	7687746	CHR1:7687746	SSF x Far_LoA	-7,42384589	-0,052	0,307
CHR1	7687772	CHR1:7687772	SSF x Far_LoA	-9,65459164	0,041	0,290
CHR1	7697868	CHR1:7697868	SSF x Far_LoA	-6,71396459	-0,115	0,305
CHR1	7707553	CHR1:7707553	SSF x Far_LoA	-11,4990548	-0,036	0,310
CHR1	7717640	CHR1:7717640	SSF x Far_LoA	-10,2550197	-0,096	0,291
CHR1	7717651	CHR1:7717651	SSF x Far_LoA	-9,05746151	0,039	0,302
CHR1	7717654	CHR1:7717654	SSF x Far_LoA	-9,3653782	-0,005	0,296
CHR1	7717727	CHR1:7717727	SSF x Far_LoA	-12,1358407	-0,014	0,313
CHR1	7717737	CHR1:7717737	SSF x Far_LoA	-2,97474167	-0,020	0,310
CHR1	7717822	CHR1:7717822	SSF x Far_LoA	-7,57328162	-0,104	0,303
CHR1	7717880	CHR1:7717880	SSF x Far_LoA	-7,70914975	0,098	0,301
CHR1	7724734	CHR1:7724734	SSF x Far_LoA	-10,3398776	0,001	0,296
CHR1	7729958	CHR1:7729958	SSF x Far_LoA	-8,64373581	-0,094	0,303
CHR1	7729977	CHR1:7729977	SSF x Far_LoA	-7,73321942	-0,081	0,299
CHR1	7729986	CHR1:7729986	SSF x Far_LoA	-7,54002505	-0,091	0,306
CHR1	7730017	CHR1:7730017	SSF x Far_LoA	-9,1540311	-0,058	0,309
CHR1	7730051	CHR1:7730051	SSF x Far_LoA	-9,02793096	-0,053	0,316
CHR1	7730061	CHR1:7730061	SSF x Far_LoA	-6,07559829	0,150	0,296
CHR1	7739331	CHR1:7739331	SSF x Far_LoA	-6,46253912	-0,111	0,312
CHR1	7739393	CHR1:7739393	SSF x Far_LoA	-8,81788563	0,017	0,324
CHR1	7739465	CHR1:7739465	SSF x Far_LoA	-8,12111433	0,117	0,316
CHR1	7755429	CHR1:7755429	SSF x Far_LoA	-12,2188976	0,074	0,295
CHR1	7755521	CHR1:7755521	SSF x Far_LoA	-7,82579847	0,071	0,306
CHR1	7762898	CHR1:7762898	SSF x Far_LoA	-7,8328667	0,086	0,314
CHR1	777768	CHR1:777768	SSF x Far_LoA	-7,78423323	0,095	0,300
CHR1	7783153	CHR1:7783153	SSF x Far_LoA	0,31819619	0,272	0,291
CHR1	7783717	CHR1:7783717	SSF x Far_LoA	-8,3599472	0,100	0,306
CHR1	7786117	CHR1:7786117	SSF x Far_LoA	-8,12933032	0,114	0,302
CHR1	7786118	CHR1:7786118	SSF x Far_LoA	-7,60089481	0,085	0,300
CHR1	7786193	CHR1:7786193	SSF x Far_LoA	-7,93878644	0,094	0,330
CHR1	7795907	CHR1:7795907	SSF x Far_LoA	-8,7153091	0,081	0,305
CHR1	7795918	CHR1:7795918	SSF x Far_LoA	-9,50510901	-0,030	0,320
CHR1	7795969	CHR1:7795969	SSF x Far_LoA	-12,0374056	0,043	0,303
CHR1	7799636	CHR1:7799636	SSF x Far_LoA	-7,23182528	0,032	0,291
CHR1	7799673	CHR1:7799673	SSF x Far_LoA	-9,42497492	-0,076	0,313
CHR1	7799708	CHR1:7799708	SSF x Far_LoA	-5,9685091	0,093	0,293
CHR1	7801754	CHR1:7801754	SSF x Far_LoA	-10,942919	-0,064	0,317
CHR1	7801846	CHR1:7801846	SSF x Far_LoA	-8,2692817	0,008	0,326
CHR1	7801849	CHR1:7801849	SSF x Far_LoA	-10,1535717	-0,104	0,324
CHR1	7801905	CHR1:7801905	SSF x Far_LoA	-10,4503497	-0,058	0,315
CHR1	7801918	CHR1:7801918	SSF x Far_LoA	-9,35436183	-0,082	0,302
CHR1	7801934	CHR1:7801934	SSF x Far_LoA	-7,28334003	-0,122	0,316
CHR1	7801941	CHR1:7801941	SSF x Far_LoA	-11,3414348	0,028	0,305
CHR1	7815288	CHR1:7815288	SSF x Far_LoA	-9,82681184	0,000	0,310
CHR1	7815350	CHR1:7815350	SSF x Far_LoA	-9,78663277	-0,095	0,311
CHR1	7815361	CHR1:7815361	SSF x Far_LoA	-11,2438964	0,011	0,299
CHR1	7815459	CHR1:7815459	SSF x Far_LoA	-10,0287225	0,054	0,295
CHR1	7815472	CHR1:7815472	SSF x Far_LoA	-8,4256972	0,103	0,300
CHR1	7815475	CHR1:7815475	SSF x Far_LoA	-10,9583674	0,161	0,295
CHR1	7815500	CHR1:7815500	SSF x Far_LoA	-9,00009882	0,016	0,300
CHR1	7815534	CHR1:7815534	SSF x Far_LoA	-11,0345573	-0,046	0,313

CHR1	7815549	CHR1:7815549	SSF x Far_LoA	-10,7633729	-0,003	0,319
CHR1	7815552	CHR1:7815552	SSF x Far_LoA	-8,41506947	0,009	0,312
CHR1	7818802	CHR1:7818802	SSF x Far_LoA	-8,61271752	-0,084	0,308
CHR1	7818806	CHR1:7818806	SSF x Far_LoA	-11,0019961	-0,042	0,309
CHR1	7818840	CHR1:7818840	SSF x Far_LoA	-11,0671931	0,089	0,293
CHR1	7819023	CHR1:7819023	SSF x Far_LoA	-9,51499034	0,086	0,304
CHR1	7822959	CHR1:7822959	SSF x Far_LoA	-10,9016248	-0,029	0,307
CHR1	7822965	CHR1:7822965	SSF x Far_LoA	-9,51231233	-0,047	0,320
CHR1	782785	CHR1:782785	SSF x Far_LoA	-10,412849	0,013	0,304
CHR1	782788	CHR1:782788	SSF x Far_LoA	-10,1142615	0,038	0,318
CHR1	782795	CHR1:782795	SSF x Far_LoA	-12,2153214	0,038	0,308
CHR1	782803	CHR1:782803	SSF x Far_LoA	-11,4266014	0,062	0,307
CHR1	782806	CHR1:782806	SSF x Far_LoA	-12,1456728	0,033	0,309
CHR1	7832534	CHR1:7832534	SSF x Far_LoA	-11,3081578	-0,018	0,304
CHR1	7846310	CHR1:7846310	SSF x Far_LoA	-9,09586858	0,046	0,310
CHR1	7846315	CHR1:7846315	SSF x Far_LoA	-10,7018859	0,049	0,314
CHR1	7856451	CHR1:7856451	SSF x Far_LoA	-9,75483116	-0,009	0,300
CHR1	7857824	CHR1:7857824	SSF x Far_LoA	-10,2855402	-0,010	0,302
CHR1	7863783	CHR1:7863783	SSF x Far_LoA	-9,45628622	-0,076	0,317
CHR1	7863799	CHR1:7863799	SSF x Far_LoA	-2,22950841	-0,097	0,310
CHR1	7863885	CHR1:7863885	SSF x Far_LoA	-9,6677109	-0,052	0,308
CHR1	7863913	CHR1:7863913	SSF x Far_LoA	-10,3032333	-0,077	0,308
CHR1	7866277	CHR1:7866277	SSF x Far_LoA	-10,2094435	-0,059	0,317
CHR1	7866308	CHR1:7866308	SSF x Far_LoA	-9,74347181	-0,024	0,295
CHR1	7866341	CHR1:7866341	SSF x Far_LoA	-7,97630834	-0,030	0,314
CHR1	7884925	CHR1:7884925	SSF x Far_LoA	-8,64311485	-0,113	0,301
CHR1	7885025	CHR1:7885025	SSF x Far_LoA	-9,15409812	-0,151	0,291
CHR1	7885055	CHR1:7885055	SSF x Far_LoA	-9,39140116	-0,005	0,308
CHR1	7885078	CHR1:7885078	SSF x Far_LoA	-9,22036843	0,013	0,290
CHR1	7885084	CHR1:7885084	SSF x Far_LoA	-10,6528998	-0,075	0,320
CHR1	7890007	CHR1:7890007	SSF x Far_LoA	-8,06802286	-0,057	0,310
CHR1	7890055	CHR1:7890055	SSF x Far_LoA	-10,8012883	0,060	0,295
CHR1	7892690	CHR1:7892690	SSF x Far_LoA	-8,91321779	0,024	0,322
CHR1	7892748	CHR1:7892748	SSF x Far_LoA	-7,37154672	0,019	0,303
CHR1	7893640	CHR1:7893640	SSF x Far_LoA	-10,8526022	0,042	0,301
CHR1	7893648	CHR1:7893648	SSF x Far_LoA	-9,62707641	0,016	0,313
CHR1	7906311	CHR1:7906311	SSF x Far_LoA	-10,2398219	0,012	0,312
CHR1	7931525	CHR1:7931525	SSF x Far_LoA	-9,63679489	-0,177	0,296
CHR1	7931566	CHR1:7931566	SSF x Far_LoA	-10,6873291	0,040	0,307
CHR1	7931653	CHR1:7931653	SSF x Far_LoA	-11,0337153	0,055	0,302
CHR1	7931691	CHR1:7931691	SSF x Far_LoA	-11,4291218	-0,082	0,305
CHR1	7931808	CHR1:7931808	SSF x Far_LoA	-10,8543287	0,022	0,308
CHR1	7931850	CHR1:7931850	SSF x Far_LoA	-7,80597127	0,015	0,310
CHR1	7937428	CHR1:7937428	SSF x Far_LoA	-8,93960244	-0,009	0,294
CHR1	7937479	CHR1:7937479	SSF x Far_LoA	-9,9029822	-0,007	0,286
CHR1	7945356	CHR1:7945356	SSF x Far_LoA	-9,24800322	0,060	0,306
CHR1	7945391	CHR1:7945391	SSF x Far_LoA	-10,6027617	0,174	0,292
CHR1	7945403	CHR1:7945403	SSF x Far_LoA	-7,92634201	0,168	0,287
CHR1	7945405	CHR1:7945405	SSF x Far_LoA	-9,89274843	0,181	0,292
CHR1	7970565	CHR1:7970565	SSF x Far_LoA	-9,49560262	-0,008	0,307
CHR1	7970745	CHR1:7970745	SSF x Far_LoA	-11,4193302	-0,045	0,305
CHR1	7986867	CHR1:7986867	SSF x Far_LoA	-8,92939285	0,000	0,307
CHR1	7997679	CHR1:7997679	SSF x Far_LoA	-10,3788915	-0,077	0,304

CHR1	7997784	CHR1:7997784	SSF x Far_LoA	-8,27834597	0,095	0,307
CHR1	8002001	CHR1:8002001	SSF x Far_LoA	-3,1570812	0,121	0,306
CHR1	8002146	CHR1:8002146	SSF x Far_LoA	-11,3711058	-0,017	0,312
CHR1	8002230	CHR1:8002230	SSF x Far_LoA	-10,8411927	0,054	0,308
CHR1	8005493	CHR1:8005493	SSF x Far_LoA	-3,80179204	0,173	0,308
CHR1	8005706	CHR1:8005706	SSF x Far_LoA	-6,80044563	-0,083	0,308
CHR1	8005712	CHR1:8005712	SSF x Far_LoA	-7,44242122	-0,006	0,319
CHR1	8005718	CHR1:8005718	SSF x Far_LoA	-10,0696179	0,096	0,302
CHR1	8005742	CHR1:8005742	SSF x Far_LoA	-6,50945707	-0,228	0,294
CHR1	8023616	CHR1:8023616	SSF x Far_LoA	-10,866597	0,027	0,304
CHR1	8033779	CHR1:8033779	SSF x Far_LoA	-11,1865287	0,032	0,290
CHR1	8034831	CHR1:8034831	SSF x Far_LoA	-9,79533061	0,078	0,322
CHR1	8034954	CHR1:8034954	SSF x Far_LoA	-10,5597855	0,039	0,313
CHR1	8058114	CHR1:8058114	SSF x Far_LoA	-9,92351504	0,073	0,299
CHR1	8058160	CHR1:8058160	SSF x Far_LoA	-8,19039025	-0,040	0,317
CHR1	8058171	CHR1:8058171	SSF x Far_LoA	-10,1274788	0,047	0,316
CHR1	8058180	CHR1:8058180	SSF x Far_LoA	-9,44117361	0,016	0,310
CHR1	8066012	CHR1:8066012	SSF x Far_LoA	-9,07795076	0,133	0,306
CHR1	8066077	CHR1:8066077	SSF x Far_LoA	-8,71289943	0,024	0,308
CHR1	8066106	CHR1:8066106	SSF x Far_LoA	-9,831632	0,044	0,307
CHR1	8072780	CHR1:8072780	SSF x Far_LoA	-7,80588657	0,045	0,307
CHR1	8076776	CHR1:8076776	SSF x Far_LoA	-2,21451638	-0,186	0,298
CHR1	8076825	CHR1:8076825	SSF x Far_LoA	-8,66355371	0,041	0,313
CHR1	8076837	CHR1:8076837	SSF x Far_LoA	-8,6812749	-0,060	0,320
CHR1	8076914	CHR1:8076914	SSF x Far_LoA	-10,9545464	0,091	0,309
CHR1	8076965	CHR1:8076965	SSF x Far_LoA	-9,25539009	0,025	0,315
CHR1	8079899	CHR1:8079899	SSF x Far_LoA	-11,2762618	0,074	0,295
CHR1	8079969	CHR1:8079969	SSF x Far_LoA	-10,328942	-0,021	0,312
CHR1	8082411	CHR1:8082411	SSF x Far_LoA	-10,4487113	0,025	0,300
CHR1	8082463	CHR1:8082463	SSF x Far_LoA	-9,46412495	-0,004	0,305
CHR1	8082474	CHR1:8082474	SSF x Far_LoA	-11,330189	-0,072	0,301
CHR1	8082491	CHR1:8082491	SSF x Far_LoA	-10,0544249	0,004	0,295
CHR1	8082501	CHR1:8082501	SSF x Far_LoA	-9,46941677	0,004	0,312
CHR1	8086093	CHR1:8086093	SSF x Far_LoA	-11,1972238	0,034	0,297
CHR1	8096641	CHR1:8096641	SSF x Far_LoA	-6,72054557	-0,099	0,315
CHR1	8102355	CHR1:8102355	SSF x Far_LoA	-10,7694735	0,095	0,297
CHR1	8102366	CHR1:8102366	SSF x Far_LoA	-7,62474075	0,072	0,304
CHR1	8108546	CHR1:8108546	SSF x Far_LoA	-6,81052397	-0,171	0,300
CHR1	811935	CHR1:811935	SSF x Far_LoA	-9,28280719	-0,033	0,322
CHR1	812121	CHR1:812121	SSF x Far_LoA	-10,8811455	0,046	0,300
CHR1	8138296	CHR1:8138296	SSF x Far_LoA	-9,16088763	-0,101	0,312
CHR1	8138364	CHR1:8138364	SSF x Far_LoA	-9,36679368	0,115	0,302
CHR1	8138483	CHR1:8138483	SSF x Far_LoA	-8,09489503	0,002	0,295
CHR1	8186058	CHR1:8186058	SSF x Far_LoA	-10,841377	0,023	0,299
CHR1	8186059	CHR1:8186059	SSF x Far_LoA	-10,3993567	0,025	0,310
CHR1	8186155	CHR1:8186155	SSF x Far_LoA	-6,71437085	-0,165	0,312
CHR1	8218753	CHR1:8218753	SSF x Far_LoA	-8,98376086	-0,139	0,297
CHR1	8227565	CHR1:8227565	SSF x Far_LoA	-9,51448839	0,076	0,306
CHR1	8227575	CHR1:8227575	SSF x Far_LoA	0,96129148	0,221	0,289
CHR1	8234226	CHR1:8234226	SSF x Far_LoA	-9,23051142	-0,006	0,300
CHR1	8234263	CHR1:8234263	SSF x Far_LoA	-9,23967129	0,043	0,301
CHR1	8234327	CHR1:8234327	SSF x Far_LoA	-4,41861151	-0,031	0,294
CHR1	8234464	CHR1:8234464	SSF x Far_LoA	-8,44562288	0,018	0,294

CHR1	8234494	CHR1:8234494	SSF x Far_LoA	-7,33672936	-0,158	0,296
CHR1	8234559	CHR1:8234559	SSF x Far_LoA	-10,2702091	-0,061	0,301
CHR1	8240540	CHR1:8240540	SSF x Far_LoA	-9,6197899	0,022	0,308
CHR1	8243040	CHR1:8243040	SSF x Far_LoA	-7,19461273	-0,132	0,306
CHR1	8243097	CHR1:8243097	SSF x Far_LoA	-9,70600422	-0,147	0,297
CHR1	8248016	CHR1:8248016	SSF x Far_LoA	-8,34149303	-0,009	0,315
CHR1	8250872	CHR1:8250872	SSF x Far_LoA	-9,8974339	0,086	0,294
CHR1	8250876	CHR1:8250876	SSF x Far_LoA	-9,45928707	0,101	0,304
CHR1	8250958	CHR1:8250958	SSF x Far_LoA	-8,29518925	0,087	0,304
CHR1	8250964	CHR1:8250964	SSF x Far_LoA	-7,99965088	0,112	0,304
CHR1	8250980	CHR1:8250980	SSF x Far_LoA	-9,37081744	0,045	0,325
CHR1	8250996	CHR1:8250996	SSF x Far_LoA	-8,72934749	-0,020	0,302
CHR1	8251690	CHR1:8251690	SSF x Far_LoA	-10,9489915	-0,036	0,303
CHR1	8251723	CHR1:8251723	SSF x Far_LoA	-11,1664498	0,094	0,297
CHR1	8251741	CHR1:8251741	SSF x Far_LoA	-8,65298272	0,061	0,311
CHR1	8261109	CHR1:8261109	SSF x Far_LoA	-9,24591472	0,017	0,304
CHR1	8261127	CHR1:8261127	SSF x Far_LoA	-11,4425092	0,026	0,301
CHR1	8261130	CHR1:8261130	SSF x Far_LoA	-9,78975069	-0,014	0,312
CHR1	8261133	CHR1:8261133	SSF x Far_LoA	-4,90600614	0,001	0,311
CHR1	8266078	CHR1:8266078	SSF x Far_LoA	-7,20212897	0,073	0,317
CHR1	8266080	CHR1:8266080	SSF x Far_LoA	-10,3366094	0,051	0,297
CHR1	8266146	CHR1:8266146	SSF x Far_LoA	-7,92745695	0,039	0,303
CHR1	8267861	CHR1:8267861	SSF x Far_LoA	-11,2184042	0,014	0,309
CHR1	8270769	CHR1:8270769	SSF x Far_LoA	-10,2208011	-0,098	0,289
CHR1	8270784	CHR1:8270784	SSF x Far_LoA	-10,3278575	-0,105	0,300
CHR1	8273567	CHR1:8273567	SSF x Far_LoA	-8,18416965	0,018	0,314
CHR1	8273608	CHR1:8273608	SSF x Far_LoA	-7,21239422	0,055	0,320
CHR1	8273715	CHR1:8273715	SSF x Far_LoA	-10,2960378	0,052	0,305
CHR1	8273772	CHR1:8273772	SSF x Far_LoA	-7,97475685	-0,016	0,319
CHR1	8274827	CHR1:8274827	SSF x Far_LoA	-10,8232505	0,143	0,298
CHR1	8274832	CHR1:8274832	SSF x Far_LoA	-10,6182188	0,111	0,306
CHR1	8274837	CHR1:8274837	SSF x Far_LoA	-10,1963648	0,122	0,301
CHR1	8274870	CHR1:8274870	SSF x Far_LoA	-5,28754531	-0,101	0,305
CHR1	828843	CHR1:828843	SSF x Far_LoA	-11,6105871	0,010	0,315
CHR1	8297858	CHR1:8297858	SSF x Far_LoA	-9,53499329	0,098	0,319
CHR1	8298777	CHR1:8298777	SSF x Far_LoA	-7,89238771	0,012	0,311
CHR1	8304422	CHR1:8304422	SSF x Far_LoA	-9,83521243	0,059	0,309
CHR1	8306772	CHR1:8306772	SSF x Far_LoA	-11,4820612	-0,009	0,309
CHR1	8306889	CHR1:8306889	SSF x Far_LoA	-9,84695638	0,047	0,305
CHR1	830744	CHR1:830744	SSF x Far_LoA	-9,50838661	-0,084	0,301
CHR1	8310908	CHR1:8310908	SSF x Far_LoA	-8,39780395	-0,138	0,302
CHR1	831550	CHR1:831550	SSF x Far_LoA	-7,40250151	0,017	0,302
CHR1	831555	CHR1:831555	SSF x Far_LoA	-10,3001007	0,135	0,307
CHR1	8321957	CHR1:8321957	SSF x Far_LoA	-11,0754057	-0,007	0,309
CHR1	8324660	CHR1:8324660	SSF x Far_LoA	-3,16966819	0,029	0,300
CHR1	8338357	CHR1:8338357	SSF x Far_LoA	-11,1632463	-0,015	0,296
CHR1	8338448	CHR1:8338448	SSF x Far_LoA	-10,7152342	-0,007	0,314
CHR1	8342740	CHR1:8342740	SSF x Far_LoA	-6,28215486	-0,151	0,303
CHR1	8347301	CHR1:8347301	SSF x Far_LoA	-10,9116411	-0,060	0,312
CHR1	8351342	CHR1:8351342	SSF x Far_LoA	-10,5525986	-0,091	0,316
CHR1	8351475	CHR1:8351475	SSF x Far_LoA	-11,4836039	0,037	0,304
CHR1	8355975	CHR1:8355975	SSF x Far_LoA	-7,78339456	-0,068	0,305
CHR1	8374263	CHR1:8374263	SSF x Far_LoA	-8,27993595	-0,192	0,286

CHR1	8374365	CHR1:8374365	SSF x Far_LoA	-1,98497099	-0,132	0,308
CHR1	838825	CHR1:838825	SSF x Far_LoA	-8,52341039	-0,006	0,294
CHR1	839014	CHR1:839014	SSF x Far_LoA	-9,6639423	0,027	0,318
CHR1	8405950	CHR1:8405950	SSF x Far_LoA	-8,22155246	-0,087	0,308
CHR1	8405952	CHR1:8405952	SSF x Far_LoA	-11,9081002	0,072	0,297
CHR1	8405960	CHR1:8405960	SSF x Far_LoA	-9,56712433	0,030	0,321
CHR1	8405964	CHR1:8405964	SSF x Far_LoA	-8,88966201	-0,110	0,297
CHR1	8406049	CHR1:8406049	SSF x Far_LoA	-7,42405507	-0,075	0,303
CHR1	841072	CHR1:841072	SSF x Far_LoA	-7,57281463	-0,030	0,292
CHR1	841093	CHR1:841093	SSF x Far_LoA	-8,64935466	-0,160	0,291
CHR1	841148	CHR1:841148	SSF x Far_LoA	-11,8081886	-0,030	0,292
CHR1	8414152	CHR1:8414152	SSF x Far_LoA	-9,99342938	-0,029	0,304
CHR1	8414197	CHR1:8414197	SSF x Far_LoA	-10,5892407	0,037	0,308
CHR1	8414297	CHR1:8414297	SSF x Far_LoA	-7,91356251	0,012	0,303
CHR1	8423794	CHR1:8423794	SSF x Far_LoA	-9,79242416	-0,037	0,305
CHR1	8423915	CHR1:8423915	SSF x Far_LoA	-8,40017567	-0,079	0,306
CHR1	8423928	CHR1:8423928	SSF x Far_LoA	-8,3550765	-0,106	0,299
CHR1	8425585	CHR1:8425585	SSF x Far_LoA	-9,43454156	0,096	0,313
CHR1	8425671	CHR1:8425671	SSF x Far_LoA	-9,50598853	0,074	0,316
CHR1	843582	CHR1:843582	SSF x Far_LoA	-10,3425879	-0,064	0,307
CHR1	843583	CHR1:843583	SSF x Far_LoA	-6,2445321	0,184	0,295
CHR1	8436235	CHR1:8436235	SSF x Far_LoA	-6,2729909	-0,227	0,297
CHR1	8436240	CHR1:8436240	SSF x Far_LoA	-9,8332147	-0,095	0,304
CHR1	8436327	CHR1:8436327	SSF x Far_LoA	-9,92835061	-0,079	0,311
CHR1	8436356	CHR1:8436356	SSF x Far_LoA	-9,04177419	0,037	0,296
CHR1	8436365	CHR1:8436365	SSF x Far_LoA	-8,76172862	0,036	0,301
CHR1	8436374	CHR1:8436374	SSF x Far_LoA	-8,6911072	0,024	0,302
CHR1	8446171	CHR1:8446171	SSF x Far_LoA	-12,3841077	-0,068	0,300
CHR1	8446172	CHR1:8446172	SSF x Far_LoA	-11,0495165	-0,046	0,299
CHR1	8446173	CHR1:8446173	SSF x Far_LoA	-8,65857456	0,074	0,293
CHR1	8446174	CHR1:8446174	SSF x Far_LoA	-8,71735024	0,081	0,308
CHR1	8446175	CHR1:8446175	SSF x Far_LoA	-10,2165333	0,092	0,307
CHR1	8446176	CHR1:8446176	SSF x Far_LoA	-9,59016504	0,064	0,307
CHR1	8457590	CHR1:8457590	SSF x Far_LoA	-10,4559384	0,090	0,312
CHR1	8457648	CHR1:8457648	SSF x Far_LoA	-10,6808172	0,117	0,290
CHR1	8457677	CHR1:8457677	SSF x Far_LoA	-11,4466942	-0,056	0,299
CHR1	8457690	CHR1:8457690	SSF x Far_LoA	-9,34927053	-0,116	0,291
CHR1	8457709	CHR1:8457709	SSF x Far_LoA	-9,98273612	-0,092	0,307
CHR1	8457741	CHR1:8457741	SSF x Far_LoA	-8,11228904	-0,084	0,307
CHR1	8457746	CHR1:8457746	SSF x Far_LoA	-7,84889439	-0,051	0,305
CHR1	8470026	CHR1:8470026	SSF x Far_LoA	-5,4666345	-0,093	0,298
CHR1	8478566	CHR1:8478566	SSF x Far_LoA	-8,05463049	0,081	0,312
CHR1	8478638	CHR1:8478638	SSF x Far_LoA	-10,2228837	0,102	0,313
CHR1	8478693	CHR1:8478693	SSF x Far_LoA	-11,569937	0,024	0,301
CHR1	8478759	CHR1:8478759	SSF x Far_LoA	-11,5726305	0,071	0,303
CHR1	8478843	CHR1:8478843	SSF x Far_LoA	-11,0705358	0,028	0,294
CHR1	8480934	CHR1:8480934	SSF x Far_LoA	-11,0548179	0,119	0,296
CHR1	8481032	CHR1:8481032	SSF x Far_LoA	-10,550706	-0,104	0,297
CHR1	8481045	CHR1:8481045	SSF x Far_LoA	-7,88030947	0,009	0,288
CHR1	8481075	CHR1:8481075	SSF x Far_LoA	-11,0387446	-0,046	0,307
CHR1	8481079	CHR1:8481079	SSF x Far_LoA	-10,8263885	-0,075	0,305
CHR1	8481128	CHR1:8481128	SSF x Far_LoA	-10,0470866	0,045	0,295
CHR1	8482300	CHR1:8482300	SSF x Far_LoA	-10,0422494	-0,057	0,315

CHR1	8496836	CHR1:8496836	SSF x Far_LoA	-11,663584	-0,011	0,313
CHR1	8498579	CHR1:8498579	SSF x Far_LoA	-8,55525758	-0,036	0,304
CHR1	8506841	CHR1:8506841	SSF x Far_LoA	-9,38605052	0,011	0,314
CHR1	8506886	CHR1:8506886	SSF x Far_LoA	-8,97961063	-0,060	0,306
CHR1	8506904	CHR1:8506904	SSF x Far_LoA	-9,19164355	-0,001	0,304
CHR1	8506919	CHR1:8506919	SSF x Far_LoA	-9,17145765	0,013	0,307
CHR1	851151	CHR1:851151	SSF x Far_LoA	-10,0488255	-0,059	0,304
CHR1	8512053	CHR1:8512053	SSF x Far_LoA	-9,70534634	-0,050	0,302
CHR1	851251	CHR1:851251	SSF x Far_LoA	-10,3581035	-0,014	0,295
CHR1	851286	CHR1:851286	SSF x Far_LoA	1,66437834	-0,134	0,311
CHR1	851328	CHR1:851328	SSF x Far_LoA	-11,5246159	-0,047	0,302
CHR1	851450	CHR1:851450	SSF x Far_LoA	-10,2885734	0,135	0,306
CHR1	8514801	CHR1:8514801	SSF x Far_LoA	-7,91645695	0,102	0,308
CHR1	8514808	CHR1:8514808	SSF x Far_LoA	-9,41847237	0,086	0,287
CHR1	8514824	CHR1:8514824	SSF x Far_LoA	-9,28551844	0,063	0,311
CHR1	851489	CHR1:851489	SSF x Far_LoA	-9,32041835	0,099	0,308
CHR1	8519693	CHR1:8519693	SSF x Far_LoA	-8,5274344	0,102	0,318
CHR1	8519694	CHR1:8519694	SSF x Far_LoA	-10,2739901	0,088	0,291
CHR1	8519695	CHR1:8519695	SSF x Far_LoA	-10,0109369	0,079	0,305
CHR1	8519776	CHR1:8519776	SSF x Far_LoA	-10,5575107	-0,079	0,308
CHR1	8525889	CHR1:8525889	SSF x Far_LoA	-8,60597551	0,025	0,321
CHR1	8533298	CHR1:8533298	SSF x Far_LoA	-10,0964431	0,053	0,306
CHR1	8533374	CHR1:8533374	SSF x Far_LoA	-11,6362252	0,066	0,300
CHR1	8544340	CHR1:8544340	SSF x Far_LoA	-4,1924846	-0,064	0,306
CHR1	8545066	CHR1:8545066	SSF x Far_LoA	-10,9688014	0,033	0,306
CHR1	8545074	CHR1:8545074	SSF x Far_LoA	-10,4728428	0,064	0,311
CHR1	8545094	CHR1:8545094	SSF x Far_LoA	-6,40282325	0,063	0,286
CHR1	8545128	CHR1:8545128	SSF x Far_LoA	-9,86253134	0,098	0,325
CHR1	8545147	CHR1:8545147	SSF x Far_LoA	-11,0988701	0,030	0,295
CHR1	8545176	CHR1:8545176	SSF x Far_LoA	-8,68482781	0,065	0,314
CHR1	8546117	CHR1:8546117	SSF x Far_LoA	-5,31805125	0,075	0,302
CHR1	8552374	CHR1:8552374	SSF x Far_LoA	-11,0852662	0,040	0,314
CHR1	8552441	CHR1:8552441	SSF x Far_LoA	-10,2207876	0,008	0,297
CHR1	8552468	CHR1:8552468	SSF x Far_LoA	-10,2793113	-0,001	0,317
CHR1	8557875	CHR1:8557875	SSF x Far_LoA	-9,67371917	-0,076	0,303
CHR1	8557887	CHR1:8557887	SSF x Far_LoA	-11,5927817	0,020	0,301
CHR1	8557892	CHR1:8557892	SSF x Far_LoA	-7,71595656	-0,108	0,315
CHR1	8557910	CHR1:8557910	SSF x Far_LoA	-7,98273441	0,086	0,296
CHR1	8557983	CHR1:8557983	SSF x Far_LoA	-11,5901853	0,075	0,306
CHR1	8562856	CHR1:8562856	SSF x Far_LoA	0,22995597	-0,194	0,302
CHR1	8562892	CHR1:8562892	SSF x Far_LoA	-9,01140349	0,057	0,318
CHR1	8562910	CHR1:8562910	SSF x Far_LoA	-10,5714199	-0,029	0,308
CHR1	8562930	CHR1:8562930	SSF x Far_LoA	-10,4898362	0,047	0,305
CHR1	8562942	CHR1:8562942	SSF x Far_LoA	-6,95777467	0,169	0,298
CHR1	8562984	CHR1:8562984	SSF x Far_LoA	-9,45593293	-0,033	0,287
CHR1	8562985	CHR1:8562985	SSF x Far_LoA	-8,69464506	0,140	0,291
CHR1	8563004	CHR1:8563004	SSF x Far_LoA	-8,49409424	-0,025	0,305
CHR1	8563017	CHR1:8563017	SSF x Far_LoA	-8,36405983	-0,059	0,315
CHR1	8563018	CHR1:8563018	SSF x Far_LoA	-8,58386551	-0,038	0,319
CHR1	8563069	CHR1:8563069	SSF x Far_LoA	-8,57694713	-0,046	0,312
CHR1	8574364	CHR1:8574364	SSF x Far_LoA	-8,76429951	-0,090	0,313
CHR1	8580027	CHR1:8580027	SSF x Far_LoA	-1,40899816	0,036	0,306
CHR1	8584246	CHR1:8584246	SSF x Far_LoA	-10,5851306	0,002	0,305

CHR1	8598213	CHR1:8598213	SSF x Far_LoA	-0,48521859	0,053	0,308
CHR1	8600451	CHR1:8600451	SSF x Far_LoA	-7,82488741	-0,051	0,308
CHR1	8605599	CHR1:8605599	SSF x Far_LoA	-10,5108153	0,075	0,310
CHR1	8605600	CHR1:8605600	SSF x Far_LoA	-7,44069019	-0,127	0,307
CHR1	8605622	CHR1:8605622	SSF x Far_LoA	-9,8725254	0,065	0,303
CHR1	8605653	CHR1:8605653	SSF x Far_LoA	-9,86437979	-0,122	0,315
CHR1	8617484	CHR1:8617484	SSF x Far_LoA	-9,42111648	0,098	0,303
CHR1	8617771	CHR1:8617771	SSF x Far_LoA	-9,30810187	-0,001	0,322
CHR1	8630059	CHR1:8630059	SSF x Far_LoA	-9,90286754	0,061	0,293
CHR1	8630108	CHR1:8630108	SSF x Far_LoA	-9,24940242	0,026	0,308
CHR1	8630151	CHR1:8630151	SSF x Far_LoA	-6,9894124	0,070	0,309
CHR1	8630160	CHR1:8630160	SSF x Far_LoA	-9,13236648	0,040	0,316
CHR1	8630235	CHR1:8630235	SSF x Far_LoA	-7,71274494	0,077	0,306
CHR1	8634924	CHR1:8634924	SSF x Far_LoA	-11,3962563	0,049	0,295
CHR1	8634955	CHR1:8634955	SSF x Far_LoA	-7,05573009	-0,113	0,290
CHR1	8634977	CHR1:8634977	SSF x Far_LoA	-9,5868076	-0,039	0,299
CHR1	8650986	CHR1:8650986	SSF x Far_LoA	-10,2010575	0,066	0,299
CHR1	8657499	CHR1:8657499	SSF x Far_LoA	-9,82584902	-0,060	0,305
CHR1	8657522	CHR1:8657522	SSF x Far_LoA	-7,9585781	-0,048	0,314
CHR1	8657551	CHR1:8657551	SSF x Far_LoA	-7,86114665	0,037	0,327
CHR1	8657697	CHR1:8657697	SSF x Far_LoA	-7,97108049	-0,074	0,306
CHR1	8660164	CHR1:8660164	SSF x Far_LoA	-8,04606923	-0,067	0,306
CHR1	8660210	CHR1:8660210	SSF x Far_LoA	-9,95703468	-0,127	0,306
CHR1	8660225	CHR1:8660225	SSF x Far_LoA	-6,17481142	0,159	0,301
CHR1	8660269	CHR1:8660269	SSF x Far_LoA	-7,24654473	0,161	0,292
CHR1	866156	CHR1:866156	SSF x Far_LoA	-5,51661973	0,096	0,310
CHR1	8661751	CHR1:8661751	SSF x Far_LoA	-10,3460568	-0,060	0,301
CHR1	8661848	CHR1:8661848	SSF x Far_LoA	-9,00336065	-0,028	0,330
CHR1	8661880	CHR1:8661880	SSF x Far_LoA	-10,6261888	-0,043	0,305
CHR1	8661941	CHR1:8661941	SSF x Far_LoA	-8,62557307	0,013	0,316
CHR1	8661970	CHR1:8661970	SSF x Far_LoA	-0,41301657	0,134	0,301
CHR1	866232	CHR1:866232	SSF x Far_LoA	-7,40790757	0,116	0,297
CHR1	8663511	CHR1:8663511	SSF x Far_LoA	-1,22871626	0,143	0,301
CHR1	8663534	CHR1:8663534	SSF x Far_LoA	-11,8775509	-0,008	0,318
CHR1	8663575	CHR1:8663575	SSF x Far_LoA	-8,58469094	-0,063	0,311
CHR1	866359	CHR1:866359	SSF x Far_LoA	2,77536374	0,287	0,262
CHR1	8663595	CHR1:8663595	SSF x Far_LoA	-10,0856629	0,018	0,314
CHR1	8663653	CHR1:8663653	SSF x Far_LoA	-11,6022782	-0,037	0,308
CHR1	8663673	CHR1:8663673	SSF x Far_LoA	6,62732539	0,056	0,312
CHR1	8663683	CHR1:8663683	SSF x Far_LoA	1,98040591	0,048	0,310
CHR1	8663686	CHR1:8663686	SSF x Far_LoA	-11,7713642	0,061	0,307
CHR1	8663708	CHR1:8663708	SSF x Far_LoA	-10,0904709	0,059	0,317
CHR1	8663749	CHR1:8663749	SSF x Far_LoA	-8,14567386	0,066	0,310
CHR1	8685679	CHR1:8685679	SSF x Far_LoA	-10,4811652	0,072	0,300
CHR1	8689110	CHR1:8689110	SSF x Far_LoA	-8,36914745	-0,054	0,318
CHR1	8689152	CHR1:8689152	SSF x Far_LoA	-9,00791869	-0,019	0,318
CHR1	8689225	CHR1:8689225	SSF x Far_LoA	-7,48453949	-0,030	0,309
CHR1	8696291	CHR1:8696291	SSF x Far_LoA	-7,34426796	-0,028	0,315
CHR1	8696292	CHR1:8696292	SSF x Far_LoA	-9,99164954	0,048	0,305
CHR1	869754	CHR1:869754	SSF x Far_LoA	-9,77022089	0,033	0,319
CHR1	870802	CHR1:870802	SSF x Far_LoA	-7,60178511	0,236	0,289
CHR1	8715759	CHR1:8715759	SSF x Far_LoA	-7,91300252	-0,146	0,292
CHR1	8715763	CHR1:8715763	SSF x Far_LoA	-7,09202373	0,091	0,315

CHR1	8715826	CHR1:8715826	SSF x Far_LoA	-11,3182875	0,093	0,304
CHR1	8715910	CHR1:8715910	SSF x Far_LoA	-9,9588365	-0,050	0,288
CHR1	8727726	CHR1:8727726	SSF x Far_LoA	-9,95543079	0,027	0,308
CHR1	8727747	CHR1:8727747	SSF x Far_LoA	-8,6393642	-0,141	0,301
CHR1	8727810	CHR1:8727810	SSF x Far_LoA	-7,2806252	0,031	0,308
CHR1	8727900	CHR1:8727900	SSF x Far_LoA	-10,2897796	-0,006	0,293
CHR1	8727904	CHR1:8727904	SSF x Far_LoA	-8,60590109	0,029	0,289
CHR1	8727911	CHR1:8727911	SSF x Far_LoA	-6,40386655	0,087	0,292
CHR1	8731336	CHR1:8731336	SSF x Far_LoA	-10,2286166	0,040	0,308
CHR1	8731372	CHR1:8731372	SSF x Far_LoA	-8,64633348	0,082	0,303
CHR1	8731493	CHR1:8731493	SSF x Far_LoA	-9,87021555	-0,019	0,304
CHR1	8733106	CHR1:8733106	SSF x Far_LoA	-10,9085546	-0,032	0,298
CHR1	8735321	CHR1:8735321	SSF x Far_LoA	-11,6082109	-0,060	0,304
CHR1	8735389	CHR1:8735389	SSF x Far_LoA	-5,31287681	-0,133	0,302
CHR1	8735528	CHR1:8735528	SSF x Far_LoA	-12,3137465	-0,075	0,312
CHR1	87384	CHR1:87384	SSF x Far_LoA	-9,68584832	-0,044	0,299
CHR1	8739431	CHR1:8739431	SSF x Far_LoA	-8,12463193	0,061	0,325
CHR1	8739671	CHR1:8739671	SSF x Far_LoA	-8,78479294	0,080	0,307
CHR1	8750100	CHR1:8750100	SSF x Far_LoA	-11,002125	0,003	0,327
CHR1	8750119	CHR1:8750119	SSF x Far_LoA	-9,14866557	-0,101	0,310
CHR1	8750131	CHR1:8750131	SSF x Far_LoA	-7,44785038	-0,125	0,301
CHR1	8750132	CHR1:8750132	SSF x Far_LoA	-7,04100635	-0,096	0,306
CHR1	8750140	CHR1:8750140	SSF x Far_LoA	-7,80301401	-0,115	0,311
CHR1	8750142	CHR1:8750142	SSF x Far_LoA	-11,8561356	0,000	0,309
CHR1	8750160	CHR1:8750160	SSF x Far_LoA	-7,20431746	0,155	0,304
CHR1	8750199	CHR1:8750199	SSF x Far_LoA	-11,6410717	-0,043	0,308
CHR1	8750205	CHR1:8750205	SSF x Far_LoA	-9,1606146	0,146	0,294
CHR1	8750208	CHR1:8750208	SSF x Far_LoA	-9,30729368	-0,060	0,301
CHR1	8750223	CHR1:8750223	SSF x Far_LoA	-11,4503904	-0,020	0,319
CHR1	8756278	CHR1:8756278	SSF x Far_LoA	-10,678341	0,039	0,308
CHR1	8756555	CHR1:8756555	SSF x Far_LoA	-8,71006569	-0,004	0,298
CHR1	8762991	CHR1:8762991	SSF x Far_LoA	-8,69868563	0,130	0,308
CHR1	8765332	CHR1:8765332	SSF x Far_LoA	-7,43630499	0,005	0,298
CHR1	8777077	CHR1:8777077	SSF x Far_LoA	-10,7039794	-0,064	0,307
CHR1	8783302	CHR1:8783302	SSF x Far_LoA	-9,63061334	-0,033	0,299
CHR1	8783331	CHR1:8783331	SSF x Far_LoA	-8,66602922	0,011	0,311
CHR1	8793020	CHR1:8793020	SSF x Far_LoA	-10,2004305	0,076	0,308
CHR1	8793258	CHR1:8793258	SSF x Far_LoA	-9,43397543	0,148	0,284
CHR1	880038	CHR1:880038	SSF x Far_LoA	-10,8148626	0,046	0,284
CHR1	880076	CHR1:880076	SSF x Far_LoA	-7,91199752	0,037	0,301
CHR1	8803671	CHR1:8803671	SSF x Far_LoA	-8,77410483	-0,051	0,315
CHR1	8803793	CHR1:8803793	SSF x Far_LoA	-7,34290627	0,128	0,298
CHR1	8803794	CHR1:8803794	SSF x Far_LoA	-4,12271098	0,154	0,294
CHR1	8803827	CHR1:8803827	SSF x Far_LoA	-5,83258396	0,148	0,304
CHR1	8805507	CHR1:8805507	SSF x Far_LoA	-9,69601423	-0,061	0,307
CHR1	8805534	CHR1:8805534	SSF x Far_LoA	-9,02086085	-0,078	0,307
CHR1	8805596	CHR1:8805596	SSF x Far_LoA	-11,6353397	0,012	0,306
CHR1	8805597	CHR1:8805597	SSF x Far_LoA	-11,7958477	-0,024	0,318
CHR1	8806069	CHR1:8806069	SSF x Far_LoA	-9,03519226	0,130	0,304
CHR1	881605	CHR1:881605	SSF x Far_LoA	-7,53503687	0,058	0,307
CHR1	881735	CHR1:881735	SSF x Far_LoA	-6,25243524	-0,117	0,307
CHR1	8820132	CHR1:8820132	SSF x Far_LoA	-8,04233013	-0,042	0,299
CHR1	883640	CHR1:883640	SSF x Far_LoA	-8,69867663	-0,046	0,311

CHR1	883677	CHR1:883677	SSF x Far_LoA	-10,0523655	-0,026	0,310
CHR1	884790	CHR1:884790	SSF x Far_LoA	-8,43093901	0,034	0,310
CHR1	8863318	CHR1:8863318	SSF x Far_LoA	-10,5850947	0,008	0,307
CHR1	8864303	CHR1:8864303	SSF x Far_LoA	-9,22672652	0,042	0,298
CHR1	8864361	CHR1:8864361	SSF x Far_LoA	-8,45408233	0,162	0,285
CHR1	8865342	CHR1:8865342	SSF x Far_LoA	-8,45823476	0,129	0,287
CHR1	8865412	CHR1:8865412	SSF x Far_LoA	-9,94922391	-0,094	0,305
CHR1	8866726	CHR1:8866726	SSF x Far_LoA	-9,14751269	0,046	0,305
CHR1	8868157	CHR1:8868157	SSF x Far_LoA	-10,5036408	0,045	0,311
CHR1	8868170	CHR1:8868170	SSF x Far_LoA	-10,732674	0,051	0,297
CHR1	8879989	CHR1:8879989	SSF x Far_LoA	-8,19782928	0,017	0,307
CHR1	8880025	CHR1:8880025	SSF x Far_LoA	-4,52915496	0,088	0,305
CHR1	8880094	CHR1:8880094	SSF x Far_LoA	-10,6297206	0,005	0,309
CHR1	8889035	CHR1:8889035	SSF x Far_LoA	-10,6971676	0,075	0,300
CHR1	8889132	CHR1:8889132	SSF x Far_LoA	-9,93624642	0,050	0,322
CHR1	8892612	CHR1:8892612	SSF x Far_LoA	-9,0860636	-0,112	0,313
CHR1	8892659	CHR1:8892659	SSF x Far_LoA	-11,1208101	0,092	0,298
CHR1	8892661	CHR1:8892661	SSF x Far_LoA	-10,3183629	0,057	0,325
CHR1	8892705	CHR1:8892705	SSF x Far_LoA	-9,22354858	-0,052	0,304
CHR1	8895273	CHR1:8895273	SSF x Far_LoA	-6,95493886	-0,058	0,302
CHR1	8895356	CHR1:8895356	SSF x Far_LoA	-9,43099774	-0,031	0,311
CHR1	8895372	CHR1:8895372	SSF x Far_LoA	-8,03497913	-0,122	0,300
CHR1	8895412	CHR1:8895412	SSF x Far_LoA	-8,27335836	0,041	0,306
CHR1	8897296	CHR1:8897296	SSF x Far_LoA	-11,4897304	0,041	0,299
CHR1	8901009	CHR1:8901009	SSF x Far_LoA	-9,91995081	-0,033	0,304
CHR1	8901050	CHR1:8901050	SSF x Far_LoA	-8,73225681	-0,057	0,309
CHR1	8901079	CHR1:8901079	SSF x Far_LoA	-11,207915	0,118	0,298
CHR1	8901092	CHR1:8901092	SSF x Far_LoA	-8,75245258	0,025	0,314
CHR1	8901094	CHR1:8901094	SSF x Far_LoA	-8,78622625	0,006	0,307
CHR1	8903096	CHR1:8903096	SSF x Far_LoA	-9,9553039	0,085	0,311
CHR1	8903286	CHR1:8903286	SSF x Far_LoA	-9,72341374	0,014	0,290
CHR1	8910339	CHR1:8910339	SSF x Far_LoA	-10,2859896	0,042	0,323
CHR1	8910382	CHR1:8910382	SSF x Far_LoA	-10,780701	0,144	0,282
CHR1	8913371	CHR1:8913371	SSF x Far_LoA	-9,37555699	0,049	0,307
CHR1	8913461	CHR1:8913461	SSF x Far_LoA	-9,67235284	0,132	0,296
CHR1	8918087	CHR1:8918087	SSF x Far_LoA	-11,2939137	-0,055	0,309
CHR1	8923074	CHR1:8923074	SSF x Far_LoA	-9,51060373	0,068	0,303
CHR1	8938616	CHR1:8938616	SSF x Far_LoA	-9,02071985	0,048	0,318
CHR1	8939565	CHR1:8939565	SSF x Far_LoA	-9,01138775	0,044	0,319
CHR1	8939575	CHR1:8939575	SSF x Far_LoA	-11,1405603	-0,031	0,310
CHR1	8939582	CHR1:8939582	SSF x Far_LoA	-10,2374398	-0,007	0,309
CHR1	8939614	CHR1:8939614	SSF x Far_LoA	-8,99538764	0,094	0,295
CHR1	8939657	CHR1:8939657	SSF x Far_LoA	-6,90233708	-0,127	0,304
CHR1	8939670	CHR1:8939670	SSF x Far_LoA	-10,5304203	0,078	0,310
CHR1	894374	CHR1:894374	SSF x Far_LoA	-9,98311107	0,158	0,296
CHR1	8943842	CHR1:8943842	SSF x Far_LoA	-10,3194953	0,049	0,304
CHR1	8943924	CHR1:8943924	SSF x Far_LoA	-9,18912197	0,103	0,312
CHR1	8944846	CHR1:8944846	SSF x Far_LoA	-10,641016	-0,113	0,309
CHR1	8944849	CHR1:8944849	SSF x Far_LoA	-7,89005472	-0,074	0,304
CHR1	8944856	CHR1:8944856	SSF x Far_LoA	-8,8599504	0,001	0,304
CHR1	8944876	CHR1:8944876	SSF x Far_LoA	-8,92160017	0,005	0,315
CHR1	8951588	CHR1:8951588	SSF x Far_LoA	-10,6786078	-0,065	0,294
CHR1	8956215	CHR1:8956215	SSF x Far_LoA	-9,10145269	0,088	0,295

CHR1	8956398	CHR1:8956398	SSF x Far_LoA	-8,4648539	0,082	0,294
CHR1	8956401	CHR1:8956401	SSF x Far_LoA	-8,77001854	-0,143	0,301
CHR1	8956458	CHR1:8956458	SSF x Far_LoA	-7,50103737	-0,001	0,306
CHR1	8956467	CHR1:8956467	SSF x Far_LoA	-8,26341705	0,083	0,306
CHR1	8956479	CHR1:8956479	SSF x Far_LoA	-7,46602737	0,082	0,315
CHR1	8961044	CHR1:8961044	SSF x Far_LoA	-12,113233	0,002	0,311
CHR1	8961049	CHR1:8961049	SSF x Far_LoA	-11,4034769	-0,039	0,314
CHR1	8961057	CHR1:8961057	SSF x Far_LoA	-8,54240566	-0,093	0,297
CHR1	8961061	CHR1:8961061	SSF x Far_LoA	-4,31464041	-0,119	0,298
CHR1	8961073	CHR1:8961073	SSF x Far_LoA	-8,63823862	-0,143	0,293
CHR1	8961129	CHR1:8961129	SSF x Far_LoA	-10,0041548	0,055	0,313
CHR1	8961139	CHR1:8961139	SSF x Far_LoA	-6,79416613	-0,170	0,301
CHR1	8961170	CHR1:8961170	SSF x Far_LoA	-11,0459577	0,060	0,295
CHR1	8961177	CHR1:8961177	SSF x Far_LoA	-1,43635342	-0,140	0,295
CHR1	896306	CHR1:896306	SSF x Far_LoA	-7,30329939	0,115	0,306
CHR1	8984630	CHR1:8984630	SSF x Far_LoA	-8,26411354	-0,081	0,314
CHR1	8984673	CHR1:8984673	SSF x Far_LoA	-9,12946491	0,062	0,301
CHR1	8984688	CHR1:8984688	SSF x Far_LoA	-9,43869899	0,036	0,298
CHR1	8984689	CHR1:8984689	SSF x Far_LoA	-9,0699965	0,005	0,305
CHR1	8984697	CHR1:8984697	SSF x Far_LoA	-0,80422127	0,000	0,306
CHR1	8987109	CHR1:8987109	SSF x Far_LoA	-9,72375614	-0,079	0,296
CHR1	8987123	CHR1:8987123	SSF x Far_LoA	-5,21184468	-0,152	0,296
CHR1	8987165	CHR1:8987165	SSF x Far_LoA	-6,90040516	-0,071	0,304
CHR1	8987177	CHR1:8987177	SSF x Far_LoA	-9,3829495	-0,063	0,300
CHR1	8987186	CHR1:8987186	SSF x Far_LoA	-8,10185021	-0,116	0,307
CHR1	8987208	CHR1:8987208	SSF x Far_LoA	-5,28396261	0,164	0,303
CHR1	8987248	CHR1:8987248	SSF x Far_LoA	-7,75143362	0,095	0,323
CHR1	8987249	CHR1:8987249	SSF x Far_LoA	-7,47888519	0,150	0,307
CHR1	8987265	CHR1:8987265	SSF x Far_LoA	-9,73094787	-0,085	0,307
CHR1	8987266	CHR1:8987266	SSF x Far_LoA	-11,5001887	-0,066	0,307
CHR1	8987280	CHR1:8987280	SSF x Far_LoA	-9,84517157	0,029	0,305
CHR1	8989914	CHR1:8989914	SSF x Far_LoA	-10,6797333	-0,059	0,312
CHR1	8990519	CHR1:8990519	SSF x Far_LoA	-8,27600804	0,108	0,298
CHR1	9007682	CHR1:9007682	SSF x Far_LoA	-8,74362684	0,053	0,298
CHR1	9016762	CHR1:9016762	SSF x Far_LoA	-7,22802656	-0,014	0,306
CHR1	9016792	CHR1:9016792	SSF x Far_LoA	-9,64245834	-0,021	0,315
CHR1	9016795	CHR1:9016795	SSF x Far_LoA	-10,4452382	0,022	0,299
CHR1	9016833	CHR1:9016833	SSF x Far_LoA	-9,07488729	0,047	0,321
CHR1	9016876	CHR1:9016876	SSF x Far_LoA	-8,30433025	0,080	0,297
CHR1	9016879	CHR1:9016879	SSF x Far_LoA	-9,75601113	-0,060	0,291
CHR1	9016889	CHR1:9016889	SSF x Far_LoA	-9,35979999	-0,037	0,303
CHR1	9021080	CHR1:9021080	SSF x Far_LoA	-6,06426455	0,169	0,307
CHR1	9021099	CHR1:9021099	SSF x Far_LoA	-8,45794573	0,137	0,289
CHR1	9021146	CHR1:9021146	SSF x Far_LoA	-6,22111302	0,165	0,310
CHR1	9024158	CHR1:9024158	SSF x Far_LoA	-9,67017508	-0,024	0,301
CHR1	9024185	CHR1:9024185	SSF x Far_LoA	-9,79117802	-0,029	0,292
CHR1	9024251	CHR1:9024251	SSF x Far_LoA	-9,25242656	0,012	0,296
CHR1	9024332	CHR1:9024332	SSF x Far_LoA	-6,82599956	0,022	0,313
CHR1	9024369	CHR1:9024369	SSF x Far_LoA	-11,0839734	0,004	0,322
CHR1	9024373	CHR1:9024373	SSF x Far_LoA	-7,60321407	-0,022	0,315
CHR1	9024380	CHR1:9024380	SSF x Far_LoA	-8,60734584	0,064	0,296
CHR1	9024415	CHR1:9024415	SSF x Far_LoA	-9,45129781	0,021	0,290
CHR1	9025675	CHR1:9025675	SSF x Far_LoA	-9,09675451	0,031	0,307

CHR1	9028219	CHR1:9028219	SSF x Far_LoA	-8,95386527	0,058	0,308
CHR1	9028220	CHR1:9028220	SSF x Far_LoA	-10,9490612	0,026	0,304
CHR1	9028223	CHR1:9028223	SSF x Far_LoA	-6,61488994	0,094	0,298
CHR1	9028251	CHR1:9028251	SSF x Far_LoA	-12,5857978	-0,009	0,309
CHR1	9028270	CHR1:9028270	SSF x Far_LoA	-6,13897143	0,086	0,301
CHR1	9028271	CHR1:9028271	SSF x Far_LoA	-11,1568797	0,012	0,308
CHR1	9028289	CHR1:9028289	SSF x Far_LoA	-6,66664337	0,111	0,314
CHR1	903045	CHR1:903045	SSF x Far_LoA	-7,6604017	0,011	0,318
CHR1	9035238	CHR1:9035238	SSF x Far_LoA	-11,4436796	-0,118	0,305
CHR1	9035414	CHR1:9035414	SSF x Far_LoA	-7,36441514	-0,033	0,302
CHR1	9046383	CHR1:9046383	SSF x Far_LoA	-8,39201588	-0,009	0,313
CHR1	9060089	CHR1:9060089	SSF x Far_LoA	-9,87096398	0,022	0,300
CHR1	90621	CHR1:90621	SSF x Far_LoA	-10,8618835	-0,064	0,302
CHR1	9063900	CHR1:9063900	SSF x Far_LoA	-11,397309	0,023	0,311
CHR1	906546	CHR1:906546	SSF x Far_LoA	-11,1356887	-0,109	0,296
CHR1	906550	CHR1:906550	SSF x Far_LoA	-10,6891646	-0,048	0,308
CHR1	9066287	CHR1:9066287	SSF x Far_LoA	-5,42357102	-0,085	0,294
CHR1	906773	CHR1:906773	SSF x Far_LoA	-7,49911547	-0,182	0,306
CHR1	906784	CHR1:906784	SSF x Far_LoA	-7,89440817	-0,148	0,298
CHR1	9074126	CHR1:9074126	SSF x Far_LoA	-7,60517512	-0,051	0,308
CHR1	9088580	CHR1:9088580	SSF x Far_LoA	-8,42363958	0,030	0,306
CHR1	9088689	CHR1:9088689	SSF x Far_LoA	-8,93852103	-0,091	0,306
CHR1	9088696	CHR1:9088696	SSF x Far_LoA	-11,8674723	0,065	0,297
CHR1	9088747	CHR1:9088747	SSF x Far_LoA	-11,1534896	0,076	0,300
CHR1	9088762	CHR1:9088762	SSF x Far_LoA	-9,48323627	-0,046	0,310
CHR1	9093281	CHR1:9093281	SSF x Far_LoA	-10,5707814	-0,041	0,320
CHR1	9093304	CHR1:9093304	SSF x Far_LoA	-11,5282517	-0,040	0,318
CHR1	9093313	CHR1:9093313	SSF x Far_LoA	-11,0477212	-0,084	0,297
CHR1	9093315	CHR1:9093315	SSF x Far_LoA	-9,83541928	-0,086	0,303
CHR1	9093317	CHR1:9093317	SSF x Far_LoA	-5,14520444	-0,098	0,303
CHR1	9093439	CHR1:9093439	SSF x Far_LoA	-7,48172922	-0,096	0,305
CHR1	9093534	CHR1:9093534	SSF x Far_LoA	-7,90920181	-0,046	0,308
CHR1	9094656	CHR1:9094656	SSF x Far_LoA	-9,08762157	0,114	0,306
CHR1	9094795	CHR1:9094795	SSF x Far_LoA	-8,12304594	-0,077	0,330
CHR1	9099720	CHR1:9099720	SSF x Far_LoA	-5,79844859	-0,143	0,295
CHR1	9100285	CHR1:9100285	SSF x Far_LoA	-6,48698401	0,048	0,317
CHR1	9102226	CHR1:9102226	SSF x Far_LoA	-8,69705818	0,023	0,291
CHR1	9107425	CHR1:9107425	SSF x Far_LoA	-8,85614751	-0,119	0,303
CHR1	9109648	CHR1:9109648	SSF x Far_LoA	-8,38157999	-0,051	0,308
CHR1	9109653	CHR1:9109653	SSF x Far_LoA	-8,974123	-0,075	0,313
CHR1	9109692	CHR1:9109692	SSF x Far_LoA	-9,97343105	0,109	0,279
CHR1	9109711	CHR1:9109711	SSF x Far_LoA	-9,7966971	-0,003	0,321
CHR1	9109740	CHR1:9109740	SSF x Far_LoA	-9,69875197	0,132	0,298
CHR1	9109897	CHR1:9109897	SSF x Far_LoA	-10,8403447	-0,161	0,298
CHR1	9112262	CHR1:9112262	SSF x Far_LoA	-8,52515219	0,041	0,310
CHR1	9112288	CHR1:9112288	SSF x Far_LoA	-9,06473594	0,005	0,309
CHR1	9112374	CHR1:9112374	SSF x Far_LoA	-9,99578949	-0,009	0,316
CHR1	9112422	CHR1:9112422	SSF x Far_LoA	-9,87279036	-0,113	0,305
CHR1	9114175	CHR1:9114175	SSF x Far_LoA	-8,62566821	-0,056	0,310
CHR1	9122558	CHR1:9122558	SSF x Far_LoA	-9,918169	-0,020	0,312
CHR1	9122575	CHR1:9122575	SSF x Far_LoA	-7,73579652	-0,072	0,303
CHR1	9122644	CHR1:9122644	SSF x Far_LoA	-10,3198074	-0,084	0,297
CHR1	9122728	CHR1:9122728	SSF x Far_LoA	-12,4534354	-0,040	0,296

CHR1	9122729	CHR1:9122729	SSF x Far_LoA	-9,4514511	-0,113	0,299
CHR1	9122738	CHR1:9122738	SSF x Far_LoA	-6,43275865	-0,022	0,314
CHR1	9122810	CHR1:9122810	SSF x Far_LoA	-9,07451479	-0,132	0,299
CHR1	9126445	CHR1:9126445	SSF x Far_LoA	-9,44669766	-0,090	0,292
CHR1	9126489	CHR1:9126489	SSF x Far_LoA	-9,27331551	0,148	0,307
CHR1	9133708	CHR1:9133708	SSF x Far_LoA	-10,211528	-0,031	0,308
CHR1	9133852	CHR1:9133852	SSF x Far_LoA	-10,6976946	0,028	0,298
CHR1	9133883	CHR1:9133883	SSF x Far_LoA	-11,175322	-0,019	0,317
CHR1	9133928	CHR1:9133928	SSF x Far_LoA	-8,98548372	0,029	0,316
CHR1	9133937	CHR1:9133937	SSF x Far_LoA	-8,68129221	-0,040	0,314
CHR1	9133979	CHR1:9133979	SSF x Far_LoA	-9,0727461	-0,021	0,319
CHR1	9133980	CHR1:9133980	SSF x Far_LoA	-6,51092347	-0,054	0,304
CHR1	9133996	CHR1:9133996	SSF x Far_LoA	-10,6718074	0,069	0,304
CHR1	914124	CHR1:914124	SSF x Far_LoA	-11,4955088	-0,047	0,306
CHR1	914130	CHR1:914130	SSF x Far_LoA	-8,79930878	-0,113	0,309
CHR1	9143547	CHR1:9143547	SSF x Far_LoA	-7,85326089	0,104	0,294
CHR1	9143596	CHR1:9143596	SSF x Far_LoA	-7,96340216	0,111	0,296
CHR1	9143598	CHR1:9143598	SSF x Far_LoA	-9,8216864	-0,018	0,305
CHR1	9143648	CHR1:9143648	SSF x Far_LoA	-0,11641282	0,233	0,296
CHR1	9143657	CHR1:9143657	SSF x Far_LoA	-9,70967264	0,100	0,301
CHR1	9143681	CHR1:9143681	SSF x Far_LoA	-11,432736	0,060	0,305
CHR1	9143798	CHR1:9143798	SSF x Far_LoA	-5,94686568	-0,161	0,298
CHR1	9145115	CHR1:9145115	SSF x Far_LoA	-9,66905823	-0,042	0,308
CHR1	9145362	CHR1:9145362	SSF x Far_LoA	-11,2013982	-0,087	0,301
CHR1	9153173	CHR1:9153173	SSF x Far_LoA	-8,32905914	-0,024	0,306
CHR1	9153349	CHR1:9153349	SSF x Far_LoA	-9,07015554	0,080	0,277
CHR1	9153367	CHR1:9153367	SSF x Far_LoA	-8,93477455	-0,031	0,316
CHR1	9157238	CHR1:9157238	SSF x Far_LoA	-8,16126787	0,087	0,301
CHR1	9165156	CHR1:9165156	SSF x Far_LoA	-7,35934214	-0,137	0,310
CHR1	9165202	CHR1:9165202	SSF x Far_LoA	-10,8866238	-0,047	0,309
CHR1	9168229	CHR1:9168229	SSF x Far_LoA	-10,4257699	0,048	0,303
CHR1	9168270	CHR1:9168270	SSF x Far_LoA	-8,00525294	-0,008	0,314
CHR1	9173408	CHR1:9173408	SSF x Far_LoA	-8,61952825	-0,004	0,306
CHR1	9175469	CHR1:9175469	SSF x Far_LoA	-7,17909713	0,108	0,296
CHR1	9175542	CHR1:9175542	SSF x Far_LoA	-8,2685793	0,111	0,292
CHR1	9179736	CHR1:9179736	SSF x Far_LoA	-10,5842619	-0,108	0,303
CHR1	9179762	CHR1:9179762	SSF x Far_LoA	-8,5073462	-0,073	0,318
CHR1	9179765	CHR1:9179765	SSF x Far_LoA	-9,70021498	0,050	0,305
CHR1	9179781	CHR1:9179781	SSF x Far_LoA	-7,61947682	-0,104	0,304
CHR1	9179787	CHR1:9179787	SSF x Far_LoA	-6,80928083	-0,094	0,306
CHR1	9179893	CHR1:9179893	SSF x Far_LoA	-6,33211227	-0,001	0,312
CHR1	9179897	CHR1:9179897	SSF x Far_LoA	-8,04595644	0,000	0,324
CHR1	9179948	CHR1:9179948	SSF x Far_LoA	-9,76458578	0,042	0,300
CHR1	9179965	CHR1:9179965	SSF x Far_LoA	-9,63661044	0,007	0,313
CHR1	9179975	CHR1:9179975	SSF x Far_LoA	-11,9204178	0,019	0,309
CHR1	9180958	CHR1:9180958	SSF x Far_LoA	-8,0466947	0,182	0,283
CHR1	9188077	CHR1:9188077	SSF x Far_LoA	-10,7399969	0,101	0,303
CHR1	919019	CHR1:919019	SSF x Far_LoA	-10,2685359	-0,044	0,316
CHR1	919301	CHR1:919301	SSF x Far_LoA	-8,71750431	-0,081	0,307
CHR1	9198778	CHR1:9198778	SSF x Far_LoA	-11,6729459	0,000	0,317
CHR1	9198847	CHR1:9198847	SSF x Far_LoA	-10,0151041	-0,011	0,307
CHR1	9232170	CHR1:9232170	SSF x Far_LoA	-9,88950122	-0,114	0,289
CHR1	9232262	CHR1:9232262	SSF x Far_LoA	-9,97947289	-0,078	0,319

CHR1	9232311	CHR1:9232311	SSF x Far_LoA	-10,1623133	0,079	0,297
CHR1	9242312	CHR1:9242312	SSF x Far_LoA	-6,55272656	-0,013	0,308
CHR1	9242459	CHR1:9242459	SSF x Far_LoA	-8,95147412	-0,045	0,303
CHR1	9242480	CHR1:9242480	SSF x Far_LoA	-6,30062871	0,138	0,294
CHR1	9242506	CHR1:9242506	SSF x Far_LoA	-9,94190455	-0,048	0,318
CHR1	9246448	CHR1:9246448	SSF x Far_LoA	-9,63467501	-0,090	0,290
CHR1	9246474	CHR1:9246474	SSF x Far_LoA	-9,51471727	-0,047	0,325
CHR1	9248654	CHR1:9248654	SSF x Far_LoA	-8,90761086	-0,051	0,316
CHR1	9251221	CHR1:9251221	SSF x Far_LoA	-9,22993178	-0,018	0,301
CHR1	9251989	CHR1:9251989	SSF x Far_LoA	-10,0327477	0,024	0,306
CHR1	9254002	CHR1:9254002	SSF x Far_LoA	-9,29411582	-0,033	0,308
CHR1	9254082	CHR1:9254082	SSF x Far_LoA	-10,0031375	0,009	0,316
CHR1	9260670	CHR1:9260670	SSF x Far_LoA	-4,94915967	0,083	0,295
CHR1	9260705	CHR1:9260705	SSF x Far_LoA	-8,51619032	-0,001	0,314
CHR1	9260742	CHR1:9260742	SSF x Far_LoA	-10,6937749	-0,049	0,315
CHR1	9263845	CHR1:9263845	SSF x Far_LoA	-6,21986802	-0,106	0,320
CHR1	9263872	CHR1:9263872	SSF x Far_LoA	-8,30986777	-0,080	0,306
CHR1	9269032	CHR1:9269032	SSF x Far_LoA	-9,34164097	0,011	0,306
CHR1	9269096	CHR1:9269096	SSF x Far_LoA	-8,47995125	0,085	0,295
CHR1	927113	CHR1:927113	SSF x Far_LoA	-8,97889927	-0,017	0,293
CHR1	927228	CHR1:927228	SSF x Far_LoA	-8,82125092	-0,035	0,310
CHR1	927267	CHR1:927267	SSF x Far_LoA	-7,46663016	-0,009	0,301
CHR1	9275082	CHR1:9275082	SSF x Far_LoA	-7,06010199	-0,123	0,305
CHR1	9276985	CHR1:9276985	SSF x Far_LoA	-8,69311059	-0,025	0,307
CHR1	9276996	CHR1:9276996	SSF x Far_LoA	-9,35747134	-0,033	0,311
CHR1	9277123	CHR1:9277123	SSF x Far_LoA	-11,3674373	-0,105	0,289
CHR1	9282157	CHR1:9282157	SSF x Far_LoA	-10,2449469	-0,071	0,312
CHR1	9285013	CHR1:9285013	SSF x Far_LoA	-9,03501365	-0,116	0,300
CHR1	9286173	CHR1:9286173	SSF x Far_LoA	-3,53208419	-0,187	0,303
CHR1	9286369	CHR1:9286369	SSF x Far_LoA	-10,0893105	0,053	0,303
CHR1	9286403	CHR1:9286403	SSF x Far_LoA	-9,77431102	0,131	0,305
CHR1	9287190	CHR1:9287190	SSF x Far_LoA	-8,30885615	-0,027	0,316
CHR1	9287291	CHR1:9287291	SSF x Far_LoA	-8,59327641	0,068	0,303
CHR1	9287298	CHR1:9287298	SSF x Far_LoA	-9,76124499	-0,003	0,304
CHR1	9287364	CHR1:9287364	SSF x Far_LoA	-10,9731167	0,012	0,306
CHR1	9299629	CHR1:9299629	SSF x Far_LoA	-11,5263832	-0,036	0,313
CHR1	9299630	CHR1:9299630	SSF x Far_LoA	-7,94934772	0,024	0,319
CHR1	9299654	CHR1:9299654	SSF x Far_LoA	-6,27111777	-0,192	0,316
CHR1	9299674	CHR1:9299674	SSF x Far_LoA	-11,8349267	0,023	0,308
CHR1	9299692	CHR1:9299692	SSF x Far_LoA	-7,9343074	0,069	0,307
CHR1	9299726	CHR1:9299726	SSF x Far_LoA	-5,58234844	-0,081	0,305
CHR1	9299746	CHR1:9299746	SSF x Far_LoA	-9,03659179	-0,116	0,306
CHR1	9299777	CHR1:9299777	SSF x Far_LoA	-10,8560685	-0,009	0,309
CHR1	9302879	CHR1:9302879	SSF x Far_LoA	-9,03035092	0,015	0,301
CHR1	9303183	CHR1:9303183	SSF x Far_LoA	-9,20536484	0,029	0,315
CHR1	9303195	CHR1:9303195	SSF x Far_LoA	-9,14422781	-0,032	0,314
CHR1	9303199	CHR1:9303199	SSF x Far_LoA	-6,16294828	-0,001	0,302
CHR1	9315102	CHR1:9315102	SSF x Far_LoA	-10,0254929	0,065	0,311
CHR1	9315112	CHR1:9315112	SSF x Far_LoA	-10,0946845	-0,122	0,294
CHR1	9315191	CHR1:9315191	SSF x Far_LoA	-10,6430307	-0,034	0,314
CHR1	9315194	CHR1:9315194	SSF x Far_LoA	-12,0966142	0,089	0,305
CHR1	9318745	CHR1:9318745	SSF x Far_LoA	-9,97661632	0,121	0,302
CHR1	9318833	CHR1:9318833	SSF x Far_LoA	-8,41899857	0,001	0,304

CHR1	9318834	CHR1:9318834	SSF x Far_LoA	-11,0726574	0,092	0,313
CHR1	9318907	CHR1:9318907	SSF x Far_LoA	-8,02712209	-0,006	0,324
CHR1	9318909	CHR1:9318909	SSF x Far_LoA	-9,22157111	0,023	0,304
CHR1	9318922	CHR1:9318922	SSF x Far_LoA	-9,60166842	0,002	0,301
CHR1	9320026	CHR1:9320026	SSF x Far_LoA	-10,1424609	0,025	0,310
CHR1	9320040	CHR1:9320040	SSF x Far_LoA	-6,70176821	0,043	0,305
CHR1	9320085	CHR1:9320085	SSF x Far_LoA	-8,76724531	-0,052	0,296
CHR1	9320249	CHR1:9320249	SSF x Far_LoA	-10,0705363	0,086	0,312
CHR1	9320271	CHR1:9320271	SSF x Far_LoA	-8,5863972	-0,085	0,315
CHR1	9323090	CHR1:9323090	SSF x Far_LoA	-9,43553608	-0,071	0,305
CHR1	9323195	CHR1:9323195	SSF x Far_LoA	-11,7158768	0,068	0,310
CHR1	9323217	CHR1:9323217	SSF x Far_LoA	1,13070467	-0,236	0,291
CHR1	9324508	CHR1:9324508	SSF x Far_LoA	-10,9430316	0,050	0,306
CHR1	9326777	CHR1:9326777	SSF x Far_LoA	-9,32276964	0,085	0,299
CHR1	9326873	CHR1:9326873	SSF x Far_LoA	-12,1485337	-0,016	0,302
CHR1	9326883	CHR1:9326883	SSF x Far_LoA	-9,82273967	-0,003	0,324
CHR1	9328309	CHR1:9328309	SSF x Far_LoA	-9,38077448	-0,006	0,295
CHR1	9328332	CHR1:9328332	SSF x Far_LoA	-9,21571306	-0,121	0,289
CHR1	9333193	CHR1:9333193	SSF x Far_LoA	-2,58877536	0,214	0,268
CHR1	9341660	CHR1:9341660	SSF x Far_LoA	-11,844011	0,038	0,299
CHR1	9341723	CHR1:9341723	SSF x Far_LoA	-8,25382732	-0,114	0,302
CHR1	9341772	CHR1:9341772	SSF x Far_LoA	-9,08415122	-0,072	0,298
CHR1	9341804	CHR1:9341804	SSF x Far_LoA	-9,93423281	-0,109	0,291
CHR1	9341806	CHR1:9341806	SSF x Far_LoA	-8,93606677	-0,106	0,297
CHR1	9341815	CHR1:9341815	SSF x Far_LoA	-9,73708046	-0,089	0,294
CHR1	9341825	CHR1:9341825	SSF x Far_LoA	-10,0493939	-0,008	0,304
CHR1	9341831	CHR1:9341831	SSF x Far_LoA	-6,23150828	-0,119	0,307
CHR1	9341848	CHR1:9341848	SSF x Far_LoA	-7,33620475	0,105	0,304
CHR1	9344013	CHR1:9344013	SSF x Far_LoA	-9,2783055	0,036	0,311
CHR1	9344958	CHR1:9344958	SSF x Far_LoA	4,12535605	-0,101	0,309
CHR1	9345001	CHR1:9345001	SSF x Far_LoA	-7,12343919	-0,147	0,309
CHR1	9345008	CHR1:9345008	SSF x Far_LoA	-9,59716516	-0,135	0,307
CHR1	9345041	CHR1:9345041	SSF x Far_LoA	-10,1469218	-0,111	0,309
CHR1	9346702	CHR1:9346702	SSF x Far_LoA	-8,51559452	0,049	0,291
CHR1	9346703	CHR1:9346703	SSF x Far_LoA	-10,7858993	-0,048	0,310
CHR1	9346799	CHR1:9346799	SSF x Far_LoA	-8,76145667	0,025	0,311
CHR1	9360790	CHR1:9360790	SSF x Far_LoA	-8,83765519	-0,012	0,303
CHR1	9360793	CHR1:9360793	SSF x Far_LoA	-9,10497458	-0,024	0,304
CHR1	9360804	CHR1:9360804	SSF x Far_LoA	-11,7265894	-0,048	0,299
CHR1	9360834	CHR1:9360834	SSF x Far_LoA	-10,1053926	0,063	0,295
CHR1	9361070	CHR1:9361070	SSF x Far_LoA	-10,6975421	0,120	0,305
CHR1	9369514	CHR1:9369514	SSF x Far_LoA	-7,16868099	0,187	0,291
CHR1	9369517	CHR1:9369517	SSF x Far_LoA	-8,08742218	0,027	0,302
CHR1	9375461	CHR1:9375461	SSF x Far_LoA	-7,61791922	0,041	0,294
CHR1	9375543	CHR1:9375543	SSF x Far_LoA	5,16473331	-0,195	0,304
CHR1	9375555	CHR1:9375555	SSF x Far_LoA	-5,94431058	-0,162	0,302
CHR1	9375597	CHR1:9375597	SSF x Far_LoA	-6,97929486	0,108	0,306
CHR1	9379294	CHR1:9379294	SSF x Far_LoA	-7,63469041	-0,011	0,300
CHR1	9379497	CHR1:9379497	SSF x Far_LoA	-7,99439832	-0,087	0,295
CHR1	9385811	CHR1:9385811	SSF x Far_LoA	-7,23400482	0,040	0,312
CHR1	9385835	CHR1:9385835	SSF x Far_LoA	-9,16237104	0,003	0,320
CHR1	9386666	CHR1:9386666	SSF x Far_LoA	-10,1311753	-0,002	0,303
CHR1	9387901	CHR1:9387901	SSF x Far_LoA	-11,5525295	0,094	0,299

CHR1	9387903	CHR1:9387903	SSF x Far_LoA	-8,64112904	0,046	0,301
CHR1	9388106	CHR1:9388106	SSF x Far_LoA	-9,52571491	0,058	0,301
CHR1	9388161	CHR1:9388161	SSF x Far_LoA	-10,0306305	0,053	0,312
CHR1	938978	CHR1:938978	SSF x Far_LoA	-8,44986747	-0,090	0,312
CHR1	938992	CHR1:938992	SSF x Far_LoA	-11,8390728	0,030	0,285
CHR1	9396237	CHR1:9396237	SSF x Far_LoA	-11,9351975	-0,014	0,317
CHR1	9396248	CHR1:9396248	SSF x Far_LoA	-9,83776183	-0,082	0,309
CHR1	9396380	CHR1:9396380	SSF x Far_LoA	-8,32349794	-0,071	0,316
CHR1	9396451	CHR1:9396451	SSF x Far_LoA	-7,79627727	-0,071	0,319
CHR1	939685	CHR1:939685	SSF x Far_LoA	-11,9444521	-0,053	0,295
CHR1	939704	CHR1:939704	SSF x Far_LoA	-9,23955211	0,002	0,313
CHR1	939712	CHR1:939712	SSF x Far_LoA	-9,02399584	0,001	0,316
CHR1	9441957	CHR1:9441957	SSF x Far_LoA	-4,59083552	0,188	0,292
CHR1	9451163	CHR1:9451163	SSF x Far_LoA	-10,8179172	0,202	0,278
CHR1	9451350	CHR1:9451350	SSF x Far_LoA	-10,5595517	0,058	0,312
CHR1	9451413	CHR1:9451413	SSF x Far_LoA	-8,09768151	-0,115	0,295
CHR1	9452832	CHR1:9452832	SSF x Far_LoA	-10,8925715	0,076	0,302
CHR1	945415	CHR1:945415	SSF x Far_LoA	-10,8647158	0,028	0,300
CHR1	945442	CHR1:945442	SSF x Far_LoA	-5,72139141	-0,120	0,299
CHR1	9464160	CHR1:9464160	SSF x Far_LoA	-10,0161965	0,115	0,290
CHR1	9464202	CHR1:9464202	SSF x Far_LoA	-8,95680149	-0,001	0,299
CHR1	9464209	CHR1:9464209	SSF x Far_LoA	-10,6738817	0,089	0,302
CHR1	9464224	CHR1:9464224	SSF x Far_LoA	-10,0635579	-0,006	0,305
CHR1	9464246	CHR1:9464246	SSF x Far_LoA	-9,61766832	-0,056	0,298
CHR1	9464275	CHR1:9464275	SSF x Far_LoA	-9,65656412	0,020	0,301
CHR1	9466653	CHR1:9466653	SSF x Far_LoA	-11,0979845	0,058	0,299
CHR1	9466658	CHR1:9466658	SSF x Far_LoA	-9,06479624	-0,123	0,296
CHR1	9466676	CHR1:9466676	SSF x Far_LoA	-9,66435579	0,119	0,310
CHR1	9466682	CHR1:9466682	SSF x Far_LoA	-9,8268207	0,039	0,308
CHR1	9466889	CHR1:9466889	SSF x Far_LoA	-7,80144775	0,054	0,303
CHR1	9466898	CHR1:9466898	SSF x Far_LoA	-10,5733904	0,006	0,295
CHR1	948974	CHR1:948974	SSF x Far_LoA	-9,51003187	-0,046	0,318
CHR1	949096	CHR1:949096	SSF x Far_LoA	-11,6289666	-0,110	0,301
CHR1	9493191	CHR1:9493191	SSF x Far_LoA	-10,5688985	-0,013	0,309
CHR1	9493267	CHR1:9493267	SSF x Far_LoA	-9,48048352	0,099	0,300
CHR1	9495602	CHR1:9495602	SSF x Far_LoA	-7,5419362	0,003	0,308
CHR1	9495621	CHR1:9495621	SSF x Far_LoA	-11,4785292	-0,032	0,293
CHR1	9495722	CHR1:9495722	SSF x Far_LoA	-9,03861112	0,052	0,309
CHR1	9502957	CHR1:9502957	SSF x Far_LoA	-7,16398945	0,090	0,311
CHR1	9512560	CHR1:9512560	SSF x Far_LoA	-11,3416076	-0,027	0,319
CHR1	9512587	CHR1:9512587	SSF x Far_LoA	-8,35696828	-0,124	0,310
CHR1	9512659	CHR1:9512659	SSF x Far_LoA	-7,46725	0,068	0,309
CHR1	9512721	CHR1:9512721	SSF x Far_LoA	-9,6962613	-0,045	0,315
CHR1	9512725	CHR1:9512725	SSF x Far_LoA	-9,79970755	0,012	0,310
CHR1	9512779	CHR1:9512779	SSF x Far_LoA	-9,22007612	-0,024	0,307
CHR1	9512800	CHR1:9512800	SSF x Far_LoA	-10,1190448	0,124	0,304
CHR1	9512801	CHR1:9512801	SSF x Far_LoA	-8,93522532	0,015	0,317
CHR1	9514923	CHR1:9514923	SSF x Far_LoA	-8,76631637	-0,045	0,308
CHR1	9514934	CHR1:9514934	SSF x Far_LoA	-5,65145181	-0,177	0,304
CHR1	9514961	CHR1:9514961	SSF x Far_LoA	-7,19788728	-0,198	0,287
CHR1	9515043	CHR1:9515043	SSF x Far_LoA	-8,49112718	-0,102	0,313
CHR1	9515060	CHR1:9515060	SSF x Far_LoA	-7,6937433	0,063	0,310
CHR1	9518177	CHR1:9518177	SSF x Far_LoA	-11,4474732	-0,013	0,316

CHR1	9518208	CHR1:9518208	SSF x Far_LoA	-10,3479614	-0,164	0,281
CHR1	9518209	CHR1:9518209	SSF x Far_LoA	-7,15046633	-0,193	0,297
CHR1	9518214	CHR1:9518214	SSF x Far_LoA	-7,94282119	-0,101	0,296
CHR1	9518412	CHR1:9518412	SSF x Far_LoA	-11,0000449	0,043	0,301
CHR1	9518429	CHR1:9518429	SSF x Far_LoA	-10,9662627	-0,013	0,295
CHR1	9518431	CHR1:9518431	SSF x Far_LoA	-9,07542552	0,144	0,309
CHR1	952082	CHR1:952082	SSF x Far_LoA	-8,4840657	0,036	0,320
CHR1	952190	CHR1:952190	SSF x Far_LoA	-11,7538909	0,074	0,305
CHR1	9524142	CHR1:9524142	SSF x Far_LoA	-10,309117	0,060	0,316
CHR1	9524277	CHR1:9524277	SSF x Far_LoA	-7,94207411	0,044	0,298
CHR1	9524908	CHR1:9524908	SSF x Far_LoA	-9,46828982	0,044	0,297
CHR1	9524919	CHR1:9524919	SSF x Far_LoA	-9,28504626	0,027	0,294
CHR1	9530417	CHR1:9530417	SSF x Far_LoA	-10,64066	0,112	0,293
CHR1	9530440	CHR1:9530440	SSF x Far_LoA	-10,2368798	0,035	0,305
CHR1	9530523	CHR1:9530523	SSF x Far_LoA	-9,59809106	-0,047	0,312
CHR1	9533063	CHR1:9533063	SSF x Far_LoA	-8,84687105	-0,090	0,315
CHR1	9533067	CHR1:9533067	SSF x Far_LoA	-10,2557595	-0,102	0,306
CHR1	9533075	CHR1:9533075	SSF x Far_LoA	-8,4609766	-0,056	0,301
CHR1	9533105	CHR1:9533105	SSF x Far_LoA	-8,4729018	-0,023	0,315
CHR1	9533181	CHR1:9533181	SSF x Far_LoA	-9,75530659	-0,089	0,299
CHR1	9535051	CHR1:9535051	SSF x Far_LoA	-6,53401422	0,149	0,294
CHR1	9535054	CHR1:9535054	SSF x Far_LoA	-1,65225352	-0,158	0,295
CHR1	9535114	CHR1:9535114	SSF x Far_LoA	-10,3933257	0,037	0,308
CHR1	9535133	CHR1:9535133	SSF x Far_LoA	-7,72854721	0,172	0,292
CHR1	9535168	CHR1:9535168	SSF x Far_LoA	-10,3252377	0,052	0,309
CHR1	9540683	CHR1:9540683	SSF x Far_LoA	-9,81387165	0,136	0,303
CHR1	9540697	CHR1:9540697	SSF x Far_LoA	-7,92640589	-0,087	0,316
CHR1	9540813	CHR1:9540813	SSF x Far_LoA	-4,85399054	0,184	0,305
CHR1	9543246	CHR1:9543246	SSF x Far_LoA	-9,39773757	0,053	0,320
CHR1	9543254	CHR1:9543254	SSF x Far_LoA	-5,89300319	0,088	0,309
CHR1	9543257	CHR1:9543257	SSF x Far_LoA	-10,8794488	0,071	0,304
CHR1	9552267	CHR1:9552267	SSF x Far_LoA	-11,6257144	0,035	0,316
CHR1	9552279	CHR1:9552279	SSF x Far_LoA	-9,64048682	-0,008	0,301
CHR1	9552289	CHR1:9552289	SSF x Far_LoA	-11,9448795	0,076	0,303
CHR1	9552316	CHR1:9552316	SSF x Far_LoA	-8,07081943	0,022	0,313
CHR1	9552319	CHR1:9552319	SSF x Far_LoA	-8,8715033	0,006	0,316
CHR1	9554542	CHR1:9554542	SSF x Far_LoA	-11,6469368	0,067	0,300
CHR1	9554544	CHR1:9554544	SSF x Far_LoA	-12,1401374	-0,073	0,305
CHR1	9554551	CHR1:9554551	SSF x Far_LoA	-11,2121607	-0,069	0,306
CHR1	9554574	CHR1:9554574	SSF x Far_LoA	-11,3838299	0,092	0,292
CHR1	9554609	CHR1:9554609	SSF x Far_LoA	-9,1821242	-0,091	0,303
CHR1	9554611	CHR1:9554611	SSF x Far_LoA	3,32654816	0,154	0,310
CHR1	9554625	CHR1:9554625	SSF x Far_LoA	-9,32147275	-0,083	0,304
CHR1	9554662	CHR1:9554662	SSF x Far_LoA	-0,21422926	0,209	0,302
CHR1	9554687	CHR1:9554687	SSF x Far_LoA	-9,77533797	-0,103	0,308
CHR1	9554757	CHR1:9554757	SSF x Far_LoA	-5,81245131	-0,110	0,328
CHR1	9554760	CHR1:9554760	SSF x Far_LoA	-7,61907111	-0,124	0,310
CHR1	9554768	CHR1:9554768	SSF x Far_LoA	-10,9727219	0,003	0,299
CHR1	9556756	CHR1:9556756	SSF x Far_LoA	-8,42675768	-0,070	0,318
CHR1	9556781	CHR1:9556781	SSF x Far_LoA	-10,4462234	-0,042	0,292
CHR1	9556810	CHR1:9556810	SSF x Far_LoA	-5,07122144	-0,160	0,298
CHR1	9556935	CHR1:9556935	SSF x Far_LoA	-9,58257397	-0,028	0,313
CHR1	9560398	CHR1:9560398	SSF x Far_LoA	-9,72893167	0,033	0,302

CHR1	9560439	CHR1:9560439	SSF x Far_LoA	-11,1442856	-0,091	0,302
CHR1	9579300	CHR1:9579300	SSF x Far_LoA	-9,34826552	-0,017	0,295
CHR1	9580059	CHR1:9580059	SSF x Far_LoA	-7,13919262	0,036	0,312
CHR1	958585	CHR1:958585	SSF x Far_LoA	-6,9483543	-0,017	0,311
CHR1	9586432	CHR1:9586432	SSF x Far_LoA	-8,46434211	-0,043	0,310
CHR1	961102	CHR1:961102	SSF x Far_LoA	-8,63016485	-0,028	0,321
CHR1	961111	CHR1:961111	SSF x Far_LoA	-11,3953426	0,030	0,309
CHR1	961117	CHR1:961117	SSF x Far_LoA	-10,2763118	-0,036	0,295
CHR1	9612515	CHR1:9612515	SSF x Far_LoA	-8,76938346	-0,106	0,306
CHR1	9612573	CHR1:9612573	SSF x Far_LoA	-7,94982828	-0,115	0,308
CHR1	9623799	CHR1:9623799	SSF x Far_LoA	-5,16437118	0,084	0,322
CHR1	9629661	CHR1:9629661	SSF x Far_LoA	-7,9226372	0,103	0,306
CHR1	9629874	CHR1:9629874	SSF x Far_LoA	-7,36125604	-0,059	0,306
CHR1	9656350	CHR1:9656350	SSF x Far_LoA	-9,7522267	-0,130	0,309
CHR1	9656586	CHR1:9656586	SSF x Far_LoA	-8,94553471	-0,059	0,302
CHR1	9667508	CHR1:9667508	SSF x Far_LoA	-8,21146724	0,069	0,305
CHR1	9677568	CHR1:9677568	SSF x Far_LoA	-10,4503924	0,072	0,311
CHR1	968328	CHR1:968328	SSF x Far_LoA	-3,60628527	0,126	0,303
CHR1	9685040	CHR1:9685040	SSF x Far_LoA	-7,78267798	-0,153	0,300
CHR1	9692251	CHR1:9692251	SSF x Far_LoA	-8,92422504	-0,106	0,301
CHR1	9692599	CHR1:9692599	SSF x Far_LoA	-8,2302664	-0,080	0,314
CHR1	9694341	CHR1:9694341	SSF x Far_LoA	-9,75100763	0,084	0,313
CHR1	9694450	CHR1:9694450	SSF x Far_LoA	-9,82101162	-0,053	0,315
CHR1	9701943	CHR1:9701943	SSF x Far_LoA	-10,5092791	-0,024	0,315
CHR1	9701949	CHR1:9701949	SSF x Far_LoA	-7,21997652	-0,137	0,299
CHR1	9702136	CHR1:9702136	SSF x Far_LoA	-9,59305023	-0,054	0,316
CHR1	9708150	CHR1:9708150	SSF x Far_LoA	-9,51466676	-0,096	0,307
CHR1	9735884	CHR1:9735884	SSF x Far_LoA	-7,89874221	0,173	0,297
CHR1	9736638	CHR1:9736638	SSF x Far_LoA	-9,13980967	-0,160	0,278
CHR1	9743672	CHR1:9743672	SSF x Far_LoA	-10,4851809	-0,012	0,316
CHR1	9743765	CHR1:9743765	SSF x Far_LoA	-11,848546	-0,010	0,305
CHR1	9749471	CHR1:9749471	SSF x Far_LoA	-10,6319102	0,000	0,304
CHR1	9754617	CHR1:9754617	SSF x Far_LoA	-11,2759076	0,036	0,309
CHR1	9755784	CHR1:9755784	SSF x Far_LoA	-8,6455293	-0,050	0,311
CHR1	976072	CHR1:976072	SSF x Far_LoA	-6,81562386	0,170	0,301
CHR1	976189	CHR1:976189	SSF x Far_LoA	-8,96446059	0,194	0,297
CHR1	9768879	CHR1:9768879	SSF x Far_LoA	-7,24003842	0,094	0,301
CHR1	9769011	CHR1:9769011	SSF x Far_LoA	-8,68540223	-0,093	0,309
CHR1	9769057	CHR1:9769057	SSF x Far_LoA	-8,32524918	0,012	0,293
CHR1	977047	CHR1:977047	SSF x Far_LoA	-8,11121319	0,158	0,296
CHR1	9770890	CHR1:9770890	SSF x Far_LoA	-7,62384697	-0,130	0,320
CHR1	9771605	CHR1:9771605	SSF x Far_LoA	-9,30898049	-0,022	0,319
CHR1	977294	CHR1:977294	SSF x Far_LoA	-9,46232323	-0,091	0,312
CHR1	9784187	CHR1:9784187	SSF x Far_LoA	-9,42664177	-0,068	0,307
CHR1	9784199	CHR1:9784199	SSF x Far_LoA	-11,1609369	0,047	0,305
CHR1	9784211	CHR1:9784211	SSF x Far_LoA	-9,78207966	0,048	0,309
CHR1	9784780	CHR1:9784780	SSF x Far_LoA	-9,17196552	0,003	0,300
CHR1	9784781	CHR1:9784781	SSF x Far_LoA	-10,7016306	-0,022	0,286
CHR1	9786600	CHR1:9786600	SSF x Far_LoA	-11,139366	-0,060	0,310
CHR1	9796142	CHR1:9796142	SSF x Far_LoA	-6,07039214	0,050	0,300
CHR1	9796163	CHR1:9796163	SSF x Far_LoA	-10,8538387	0,059	0,310
CHR1	9796255	CHR1:9796255	SSF x Far_LoA	-9,32204241	-0,046	0,292
CHR1	9800452	CHR1:9800452	SSF x Far_LoA	-7,9887506	0,004	0,327

CHR1	9800582	CHR1:9800582	SSF x Far_LoA	-9,46955916	0,023	0,304
CHR1	9806378	CHR1:9806378	SSF x Far_LoA	-10,8429766	-0,040	0,303
CHR1	9809810	CHR1:9809810	SSF x Far_LoA	-8,56587143	-0,017	0,316
CHR1	9819299	CHR1:9819299	SSF x Far_LoA	-7,71982328	-0,129	0,307
CHR1	9819457	CHR1:9819457	SSF x Far_LoA	-5,95543782	-0,067	0,309
CHR1	9820507	CHR1:9820507	SSF x Far_LoA	-8,2417985	0,141	0,299
CHR1	9824837	CHR1:9824837	SSF x Far_LoA	-9,20596591	0,064	0,306
CHR1	9824863	CHR1:9824863	SSF x Far_LoA	-11,6113482	-0,053	0,309
CHR1	9825100	CHR1:9825100	SSF x Far_LoA	-8,27233355	0,066	0,307
CHR1	9825155	CHR1:9825155	SSF x Far_LoA	-8,82800047	0,042	0,309
CHR1	9825156	CHR1:9825156	SSF x Far_LoA	-8,46615821	-0,020	0,309
CHR1	9825168	CHR1:9825168	SSF x Far_LoA	-8,69715092	0,042	0,299
CHR1	9826849	CHR1:9826849	SSF x Far_LoA	-10,9940731	0,036	0,313
CHR1	9831705	CHR1:9831705	SSF x Far_LoA	-8,22004507	0,009	0,307
CHR1	9831750	CHR1:9831750	SSF x Far_LoA	-9,29875368	-0,133	0,296
CHR1	9852177	CHR1:9852177	SSF x Far_LoA	-9,31447662	0,016	0,304
CHR1	9852183	CHR1:9852183	SSF x Far_LoA	-8,27589671	0,078	0,300
CHR1	9852225	CHR1:9852225	SSF x Far_LoA	-8,12918625	-0,094	0,311
CHR1	9870589	CHR1:9870589	SSF x Far_LoA	-10,0414245	-0,070	0,319
CHR1	9870803	CHR1:9870803	SSF x Far_LoA	-8,69641342	-0,065	0,306
CHR1	9870807	CHR1:9870807	SSF x Far_LoA	-9,21992767	-0,105	0,305
CHR1	9933119	CHR1:9933119	SSF x Far_LoA	-11,0842942	0,019	0,300
CHR1	9946359	CHR1:9946359	SSF x Far_LoA	-11,4516119	0,052	0,318
CHR1	9948121	CHR1:9948121	SSF x Far_LoA	-8,6369419	-0,086	0,293
CHR1	9948160	CHR1:9948160	SSF x Far_LoA	-0,1238687	-0,109	0,300
CHR1	9948287	CHR1:9948287	SSF x Far_LoA	-9,30307428	-0,017	0,302
CHR1	9968570	CHR1:9968570	SSF x Far_LoA	-10,8031732	-0,046	0,307
CHR1	9968721	CHR1:9968721	SSF x Far_LoA	-0,35049282	-0,182	0,287
CHR1	9971900	CHR1:9971900	SSF x Far_LoA	-9,39530316	0,182	0,296
CHR1	9980992	CHR1:9980992	SSF x Far_LoA	-8,56033055	0,206	0,283
CHR1	9981060	CHR1:9981060	SSF x Far_LoA	-9,96536526	-0,014	0,305
CHR1	9981095	CHR1:9981095	SSF x Far_LoA	-11,7287557	0,027	0,296
CHR1	9981114	CHR1:9981114	SSF x Far_LoA	-7,27319472	0,077	0,299
CHR1	9985482	CHR1:9985482	SSF x Far_LoA	-9,96186696	-0,132	0,298
CHR1	9985488	CHR1:9985488	SSF x Far_LoA	-10,8854393	0,127	0,297
CHR1	9993497	CHR1:9993497	SSF x Far_LoA	-4,77374715	0,162	0,306
CHR1	9993508	CHR1:9993508	SSF x Far_LoA	-8,07133745	0,156	0,294
CHR1	9993521	CHR1:9993521	SSF x Far_LoA	-8,42686648	0,139	0,316
CHR1	9993524	CHR1:9993524	SSF x Far_LoA	-10,2030801	0,037	0,311
CHR1	9993628	CHR1:9993628	SSF x Far_LoA	-8,00747171	0,147	0,304
CHR1	9993793	CHR1:9993793	SSF x Far_LoA	-8,87594501	-0,093	0,307
CHR1	9999402	CHR1:9999402	SSF x Far_LoA	-8,41683206	0,017	0,314
CHR1	9999471	CHR1:9999471	SSF x Far_LoA	-7,0259546	0,026	0,308
CHR1	9999482	CHR1:9999482	SSF x Far_LoA	-0,75344265	-0,006	0,313
CHR2	1E+07	CHR2:10005013	SSF x Far_LoA	-10,4411949	0,053	0,305
CHR2	1E+07	CHR2:10005053	SSF x Far_LoA	-10,2666939	0,048	0,312
CHR2	1E+07	CHR2:10005054	SSF x Far_LoA	-9,92341719	0,036	0,310
CHR2	1E+07	CHR2:10005063	SSF x Far_LoA	-8,62294699	0,071	0,311
CHR2	1E+07	CHR2:10005108	SSF x Far_LoA	-9,24898312	0,025	0,320
CHR2	1E+07	CHR2:10005158	SSF x Far_LoA	-3,0809072	-0,152	0,314
CHR2	1E+07	CHR2:10005315	SSF x Far_LoA	-10,601072	0,032	0,312
CHR2	1E+07	CHR2:10005329	SSF x Far_LoA	-11,0309709	0,047	0,316
CHR2	1E+07	CHR2:10012063	SSF x Far_LoA	-10,2261389	0,129	0,300

CHR2	1E+07	CHR2:10012114	SSF x Far_LoA	-9,12536602	0,070	0,305
CHR2	1E+07	CHR2:10012148	SSF x Far_LoA	-4,28874567	-0,088	0,301
CHR2	1E+07	CHR2:10015732	SSF x Far_LoA	-5,44255495	0,226	0,307
CHR2	1001652	CHR2:1001652	SSF x Far_LoA	-6,95113495	0,169	0,292
CHR2	1001658	CHR2:1001658	SSF x Far_LoA	-8,32733151	-0,101	0,309
CHR2	1001735	CHR2:1001735	SSF x Far_LoA	-11,9774549	0,040	0,287
CHR2	1E+07	CHR2:10025028	SSF x Far_LoA	-6,32475112	0,005	0,308
CHR2	1E+07	CHR2:10025158	SSF x Far_LoA	-8,68326819	0,017	0,322
CHR2	1E+07	CHR2:10025204	SSF x Far_LoA	-9,95547732	0,068	0,314
CHR2	1E+07	CHR2:10031240	SSF x Far_LoA	-5,8147454	-0,142	0,301
CHR2	1E+07	CHR2:10033689	SSF x Far_LoA	-9,10868252	0,129	0,306
CHR2	1E+07	CHR2:10033921	SSF x Far_LoA	-8,52839068	0,097	0,306
CHR2	1E+07	CHR2:10063301	SSF x Far_LoA	-5,30844282	0,022	0,308
CHR2	1E+07	CHR2:10063341	SSF x Far_LoA	-9,15693377	-0,058	0,310
CHR2	1E+07	CHR2:10063452	SSF x Far_LoA	-9,10874047	0,049	0,295
CHR2	1E+07	CHR2:10063473	SSF x Far_LoA	-9,58496477	-0,021	0,300
CHR2	1008373	CHR2:1008373	SSF x Far_LoA	-6,07382829	-0,131	0,301
CHR2	1008424	CHR2:1008424	SSF x Far_LoA	-9,94020616	-0,137	0,306
CHR2	1008433	CHR2:1008433	SSF x Far_LoA	-5,8711139	-0,213	0,294
CHR2	1008562	CHR2:1008562	SSF x Far_LoA	-8,16468263	-0,024	0,305
CHR2	1008565	CHR2:1008565	SSF x Far_LoA	-8,58168551	0,145	0,297
CHR2	1008601	CHR2:1008601	SSF x Far_LoA	-8,60281552	-0,067	0,307
CHR2	1E+07	CHR2:10091072	SSF x Far_LoA	-7,51137962	-0,143	0,290
CHR2	1E+07	CHR2:10104807	SSF x Far_LoA	-10,8839859	0,008	0,309
CHR2	1E+07	CHR2:10133010	SSF x Far_LoA	-8,97035832	-0,028	0,304
CHR2	1E+07	CHR2:10133150	SSF x Far_LoA	-11,4120049	0,006	0,309
CHR2	1E+07	CHR2:10135188	SSF x Far_LoA	-11,175996	-0,007	0,305
CHR2	1E+07	CHR2:10157432	SSF x Far_LoA	-10,0238382	0,090	0,297
CHR2	1E+07	CHR2:10168783	SSF x Far_LoA	-9,19832674	0,139	0,297
CHR2	1E+07	CHR2:10170357	SSF x Far_LoA	-9,60530823	-0,077	0,300
CHR2	1E+07	CHR2:10176299	SSF x Far_LoA	-7,09623962	0,069	0,309
CHR2	1E+07	CHR2:10187199	SSF x Far_LoA	-9,60464384	-0,103	0,303
CHR2	1E+07	CHR2:10187202	SSF x Far_LoA	-6,75139377	-0,055	0,300
CHR2	1E+07	CHR2:10194576	SSF x Far_LoA	-8,58494385	-0,050	0,298
CHR2	1E+07	CHR2:10194580	SSF x Far_LoA	-8,5957042	-0,112	0,317
CHR2	1E+07	CHR2:10194601	SSF x Far_LoA	-9,70053059	-0,055	0,308
CHR2	1E+07	CHR2:10194617	SSF x Far_LoA	-11,229963	-0,122	0,300
CHR2	1E+07	CHR2:10195247	SSF x Far_LoA	-11,4592729	-0,036	0,310
CHR2	1E+07	CHR2:10195250	SSF x Far_LoA	-6,6707089	0,067	0,295
CHR2	1E+07	CHR2:10195260	SSF x Far_LoA	-8,69212401	0,052	0,304
CHR2	1E+07	CHR2:10195284	SSF x Far_LoA	-10,4392846	0,045	0,300
CHR2	1E+07	CHR2:10198292	SSF x Far_LoA	-10,2824064	-0,054	0,303
CHR2	1E+07	CHR2:10200894	SSF x Far_LoA	-7,76385475	-0,029	0,313
CHR2	1E+07	CHR2:10200899	SSF x Far_LoA	-10,183832	-0,116	0,314
CHR2	1E+07	CHR2:10200944	SSF x Far_LoA	-7,41085641	-0,119	0,314
CHR2	1E+07	CHR2:10200986	SSF x Far_LoA	-10,2330981	-0,086	0,304
CHR2	1E+07	CHR2:10201046	SSF x Far_LoA	-8,5638458	-0,047	0,313
CHR2	1E+07	CHR2:10201112	SSF x Far_LoA	-9,06286447	0,006	0,306
CHR2	1E+07	CHR2:10201156	SSF x Far_LoA	-8,8616043	0,083	0,308
CHR2	1E+07	CHR2:10201167	SSF x Far_LoA	-8,93638994	-0,046	0,321
CHR2	1E+07	CHR2:10201184	SSF x Far_LoA	-9,7307964	-0,013	0,316
CHR2	1020147	CHR2:1020147	SSF x Far_LoA	-8,1222298	0,049	0,322
CHR2	1020161	CHR2:1020161	SSF x Far_LoA	-6,40795515	0,046	0,310

CHR2	1020236	CHR2:1020236	SSF x Far_LoA	-10,813822	0,056	0,309
CHR2	1020240	CHR2:1020240	SSF x Far_LoA	-9,14400144	-0,095	0,318
CHR2	1020249	CHR2:1020249	SSF x Far_LoA	-10,97173	0,071	0,310
CHR2	1020250	CHR2:1020250	SSF x Far_LoA	-10,3738545	-0,001	0,316
CHR2	1020262	CHR2:1020262	SSF x Far_LoA	-9,95294918	-0,081	0,309
CHR2	1020264	CHR2:1020264	SSF x Far_LoA	-9,19900546	-0,091	0,302
CHR2	1020288	CHR2:1020288	SSF x Far_LoA	-8,28750534	-0,081	0,302
CHR2	1020309	CHR2:1020309	SSF x Far_LoA	-7,9390013	-0,052	0,298
CHR2	1020317	CHR2:1020317	SSF x Far_LoA	-8,88395024	-0,051	0,300
CHR2	1020321	CHR2:1020321	SSF x Far_LoA	-9,16645147	-0,079	0,313
CHR2	1020332	CHR2:1020332	SSF x Far_LoA	-10,4322414	-0,044	0,312
CHR2	1020351	CHR2:1020351	SSF x Far_LoA	-7,19397537	0,083	0,297
CHR2	1020377	CHR2:1020377	SSF x Far_LoA	-8,55734792	-0,049	0,296
CHR2	1E+07	CHR2:10207949	SSF x Far_LoA	-10,2225407	-0,125	0,308
CHR2	1E+07	CHR2:10207987	SSF x Far_LoA	-9,7574367	-0,003	0,307
CHR2	1E+07	CHR2:10216119	SSF x Far_LoA	-9,80953304	0,149	0,285
CHR2	1E+07	CHR2:10216138	SSF x Far_LoA	-9,93654912	0,000	0,312
CHR2	1E+07	CHR2:10216146	SSF x Far_LoA	-7,28353579	0,002	0,314
CHR2	1E+07	CHR2:10216169	SSF x Far_LoA	-9,63038126	-0,076	0,305
CHR2	1E+07	CHR2:10216175	SSF x Far_LoA	-9,0458992	-0,089	0,307
CHR2	1E+07	CHR2:10216217	SSF x Far_LoA	-11,9127915	0,030	0,304
CHR2	1E+07	CHR2:10216261	SSF x Far_LoA	-7,22514947	0,025	0,305
CHR2	1E+07	CHR2:10223695	SSF x Far_LoA	-8,30019722	-0,148	0,307
CHR2	1E+07	CHR2:10223730	SSF x Far_LoA	-5,16569059	0,137	0,287
CHR2	1E+07	CHR2:10223781	SSF x Far_LoA	-9,78533529	-0,066	0,307
CHR2	1E+07	CHR2:10223809	SSF x Far_LoA	-11,3528313	-0,027	0,293
CHR2	1E+07	CHR2:10230040	SSF x Far_LoA	-7,59568939	0,037	0,321
CHR2	1E+07	CHR2:10230083	SSF x Far_LoA	-8,59166407	-0,085	0,308
CHR2	1E+07	CHR2:10230101	SSF x Far_LoA	-7,73381682	0,129	0,312
CHR2	1E+07	CHR2:10230131	SSF x Far_LoA	-10,7849988	-0,092	0,306
CHR2	1E+07	CHR2:10230151	SSF x Far_LoA	-8,54412601	-0,077	0,317
CHR2	1E+07	CHR2:10230173	SSF x Far_LoA	-9,99301164	-0,013	0,308
CHR2	1E+07	CHR2:10231322	SSF x Far_LoA	-10,8680114	-0,103	0,305
CHR2	1E+07	CHR2:10231396	SSF x Far_LoA	-10,6309502	-0,013	0,321
CHR2	1E+07	CHR2:10235451	SSF x Far_LoA	-11,9133453	-0,042	0,288
CHR2	1E+07	CHR2:10235557	SSF x Far_LoA	-7,93860351	0,018	0,308
CHR2	1E+07	CHR2:10235600	SSF x Far_LoA	-10,1448046	-0,063	0,294
CHR2	1E+07	CHR2:10251041	SSF x Far_LoA	-8,4136886	-0,100	0,293
CHR2	1E+07	CHR2:10251089	SSF x Far_LoA	-6,91303986	-0,104	0,312
CHR2	1E+07	CHR2:10251192	SSF x Far_LoA	-3,43108538	-0,129	0,319
CHR2	1E+07	CHR2:10256385	SSF x Far_LoA	-8,91250233	-0,131	0,298
CHR2	1E+07	CHR2:10256529	SSF x Far_LoA	-10,1487693	-0,012	0,300
CHR2	1E+07	CHR2:10256594	SSF x Far_LoA	-7,90981024	-0,127	0,301
CHR2	1E+07	CHR2:10256710	SSF x Far_LoA	-6,39109423	-0,133	0,304
CHR2	1E+07	CHR2:10256714	SSF x Far_LoA	-8,47420674	-0,054	0,317
CHR2	1E+07	CHR2:10256720	SSF x Far_LoA	-5,61417993	-0,120	0,307
CHR2	1E+07	CHR2:10269400	SSF x Far_LoA	-7,11141693	-0,145	0,301
CHR2	1E+07	CHR2:10269409	SSF x Far_LoA	-9,81220903	-0,067	0,304
CHR2	1E+07	CHR2:10269481	SSF x Far_LoA	-5,56848485	0,150	0,291
CHR2	1E+07	CHR2:10269494	SSF x Far_LoA	-9,67236083	0,032	0,310
CHR2	1E+07	CHR2:10274723	SSF x Far_LoA	-7,33976139	-0,140	0,291
CHR2	1E+07	CHR2:10274765	SSF x Far_LoA	-9,27768737	-0,114	0,303
CHR2	1E+07	CHR2:10279952	SSF x Far_LoA	-9,65830406	0,054	0,296

CHR2	1E+07	CHR2:10279983	SSF x Far_LoA	-9,94439663	-0,068	0,316
CHR2	1E+07	CHR2:10280013	SSF x Far_LoA	-10,6804745	0,017	0,305
CHR2	1E+07	CHR2:10283561	SSF x Far_LoA	-8,8087462	0,026	0,320
CHR2	1E+07	CHR2:10283581	SSF x Far_LoA	-8,97727036	0,003	0,315
CHR2	1E+07	CHR2:10283615	SSF x Far_LoA	-9,59029678	0,041	0,312
CHR2	1E+07	CHR2:10283646	SSF x Far_LoA	-8,48402622	0,043	0,302
CHR2	1E+07	CHR2:10283735	SSF x Far_LoA	-9,36432687	0,039	0,314
CHR2	1E+07	CHR2:10283736	SSF x Far_LoA	-10,0446168	0,067	0,308
CHR2	1E+07	CHR2:10283748	SSF x Far_LoA	-10,0574	0,040	0,309
CHR2	1E+07	CHR2:10285230	SSF x Far_LoA	-8,49135997	-0,023	0,311
CHR2	1E+07	CHR2:10285238	SSF x Far_LoA	-9,85509123	0,085	0,301
CHR2	1E+07	CHR2:10285267	SSF x Far_LoA	-7,9004187	-0,043	0,310
CHR2	1E+07	CHR2:10285345	SSF x Far_LoA	-8,81379499	0,036	0,309
CHR2	1E+07	CHR2:10287619	SSF x Far_LoA	-10,6759543	-0,083	0,307
CHR2	1E+07	CHR2:10295654	SSF x Far_LoA	-9,75172063	-0,077	0,310
CHR2	1E+07	CHR2:10295655	SSF x Far_LoA	-7,39564307	-0,020	0,314
CHR2	1E+07	CHR2:10295709	SSF x Far_LoA	-11,1102785	0,013	0,313
CHR2	1E+07	CHR2:10295728	SSF x Far_LoA	-9,7618609	-0,090	0,299
CHR2	1E+07	CHR2:10301427	SSF x Far_LoA	-10,6445456	0,060	0,305
CHR2	1E+07	CHR2:10301467	SSF x Far_LoA	-9,47306156	0,003	0,311
CHR2	1E+07	CHR2:10301486	SSF x Far_LoA	-10,4839559	0,015	0,311
CHR2	1E+07	CHR2:10301503	SSF x Far_LoA	-10,0845468	-0,071	0,319
CHR2	1E+07	CHR2:10301572	SSF x Far_LoA	-7,15330949	-0,119	0,306
CHR2	1E+07	CHR2:10304639	SSF x Far_LoA	-11,7397215	0,041	0,298
CHR2	1E+07	CHR2:10310069	SSF x Far_LoA	-7,01336503	0,135	0,310
CHR2	1E+07	CHR2:10310087	SSF x Far_LoA	-11,6443929	0,091	0,293
CHR2	1E+07	CHR2:10310111	SSF x Far_LoA	-6,84269318	0,182	0,301
CHR2	1E+07	CHR2:10310155	SSF x Far_LoA	-11,0525264	0,121	0,296
CHR2	1E+07	CHR2:10314860	SSF x Far_LoA	-5,53625558	-0,134	0,293
CHR2	1E+07	CHR2:10314862	SSF x Far_LoA	-10,3457485	-0,092	0,311
CHR2	1E+07	CHR2:10314885	SSF x Far_LoA	-9,8044447	-0,113	0,293
CHR2	1E+07	CHR2:10314963	SSF x Far_LoA	-10,6154543	0,008	0,304
CHR2	1E+07	CHR2:10315014	SSF x Far_LoA	-7,93034543	-0,108	0,312
CHR2	1E+07	CHR2:10315046	SSF x Far_LoA	-9,8750238	0,050	0,310
CHR2	1E+07	CHR2:10315047	SSF x Far_LoA	-10,4047623	0,048	0,299
CHR2	1E+07	CHR2:10315058	SSF x Far_LoA	-10,2743503	-0,037	0,314
CHR2	1E+07	CHR2:10315075	SSF x Far_LoA	-7,47782201	-0,022	0,311
CHR2	1E+07	CHR2:10315076	SSF x Far_LoA	-10,4513229	-0,030	0,305
CHR2	1E+07	CHR2:10315874	SSF x Far_LoA	-8,83358107	-0,005	0,317
CHR2	1E+07	CHR2:10315966	SSF x Far_LoA	-10,3417332	0,128	0,298
CHR2	1E+07	CHR2:10318232	SSF x Far_LoA	-9,7092541	0,082	0,307
CHR2	1E+07	CHR2:10318248	SSF x Far_LoA	-7,58970531	-0,101	0,308
CHR2	1E+07	CHR2:10318257	SSF x Far_LoA	-8,20185124	-0,063	0,309
CHR2	1E+07	CHR2:10318261	SSF x Far_LoA	-9,16864802	-0,044	0,310
CHR2	1E+07	CHR2:10318576	SSF x Far_LoA	-9,83757301	-0,052	0,325
CHR2	1E+07	CHR2:10318583	SSF x Far_LoA	-9,39568992	-0,080	0,310
CHR2	1E+07	CHR2:10318631	SSF x Far_LoA	-9,35835243	0,001	0,314
CHR2	1E+07	CHR2:10318642	SSF x Far_LoA	-9,69342178	0,000	0,301
CHR2	1E+07	CHR2:10318652	SSF x Far_LoA	-10,7703349	-0,019	0,309
CHR2	1E+07	CHR2:10318655	SSF x Far_LoA	-10,3274595	0,060	0,296
CHR2	1E+07	CHR2:10318715	SSF x Far_LoA	-7,84220209	-0,014	0,307
CHR2	1E+07	CHR2:10325063	SSF x Far_LoA	-11,2746879	0,021	0,311
CHR2	1E+07	CHR2:10325073	SSF x Far_LoA	-11,3229835	-0,022	0,289

CHR2	1E+07	CHR2:10325076	SSF x Far_LoA	-7,29917821	-0,099	0,309
CHR2	1E+07	CHR2:10328641	SSF x Far_LoA	-6,70430726	-0,157	0,295
CHR2	1E+07	CHR2:10335331	SSF x Far_LoA	-12,358672	-0,073	0,293
CHR2	1E+07	CHR2:10340230	SSF x Far_LoA	-9,941917	-0,080	0,313
CHR2	1E+07	CHR2:10344170	SSF x Far_LoA	-11,2996634	-0,070	0,302
CHR2	1E+07	CHR2:10344289	SSF x Far_LoA	-10,2532479	0,019	0,318
CHR2	1E+07	CHR2:10344306	SSF x Far_LoA	-9,52572462	-0,112	0,311
CHR2	1E+07	CHR2:10350909	SSF x Far_LoA	-9,73235071	0,111	0,290
CHR2	1E+07	CHR2:10350912	SSF x Far_LoA	-8,10767602	0,153	0,301
CHR2	1E+07	CHR2:10350971	SSF x Far_LoA	-10,0835493	0,084	0,299
CHR2	1E+07	CHR2:10350982	SSF x Far_LoA	-8,99257049	-0,075	0,299
CHR2	1E+07	CHR2:10350994	SSF x Far_LoA	-9,03584545	-0,057	0,298
CHR2	1E+07	CHR2:10351021	SSF x Far_LoA	-9,83755119	0,006	0,315
CHR2	1E+07	CHR2:10353954	SSF x Far_LoA	-7,18144298	-0,054	0,313
CHR2	1E+07	CHR2:10353991	SSF x Far_LoA	-10,5028006	-0,061	0,304
CHR2	1E+07	CHR2:10353992	SSF x Far_LoA	-7,85327752	-0,057	0,300
CHR2	1E+07	CHR2:10354030	SSF x Far_LoA	-6,772057	0,153	0,289
CHR2	1E+07	CHR2:10354822	SSF x Far_LoA	-3,20956954	0,164	0,292
CHR2	1E+07	CHR2:10354886	SSF x Far_LoA	-7,82576427	0,114	0,285
CHR2	1E+07	CHR2:10354903	SSF x Far_LoA	-8,70768301	0,010	0,310
CHR2	1E+07	CHR2:10354926	SSF x Far_LoA	-11,7502796	-0,081	0,312
CHR2	1E+07	CHR2:10354933	SSF x Far_LoA	-8,35917482	-0,071	0,303
CHR2	1E+07	CHR2:10354971	SSF x Far_LoA	-9,55929257	-0,145	0,305
CHR2	1E+07	CHR2:10354972	SSF x Far_LoA	-8,10817498	0,185	0,290
CHR2	1E+07	CHR2:10354988	SSF x Far_LoA	-10,1474217	0,161	0,288
CHR2	1E+07	CHR2:10357863	SSF x Far_LoA	-7,42996152	0,008	0,306
CHR2	1E+07	CHR2:10357874	SSF x Far_LoA	-7,74959909	-0,073	0,316
CHR2	1E+07	CHR2:10357898	SSF x Far_LoA	-9,74422069	-0,059	0,312
CHR2	1E+07	CHR2:10357960	SSF x Far_LoA	-8,65204617	-0,112	0,315
CHR2	1E+07	CHR2:10372827	SSF x Far_LoA	-8,22699403	-0,007	0,316
CHR2	1E+07	CHR2:10372856	SSF x Far_LoA	-8,74379941	0,094	0,307
CHR2	1E+07	CHR2:10372904	SSF x Far_LoA	-8,82441366	-0,073	0,310
CHR2	1E+07	CHR2:10372944	SSF x Far_LoA	-8,498611	-0,037	0,308
CHR2	1E+07	CHR2:10372989	SSF x Far_LoA	-7,98503433	0,088	0,316
CHR2	1E+07	CHR2:10379141	SSF x Far_LoA	-7,22656853	0,182	0,290
CHR2	1E+07	CHR2:10379189	SSF x Far_LoA	-8,37993482	-0,063	0,291
CHR2	1E+07	CHR2:10381826	SSF x Far_LoA	-11,3169067	-0,027	0,312
CHR2	1E+07	CHR2:10383529	SSF x Far_LoA	-7,66371935	0,085	0,309
CHR2	1E+07	CHR2:10383602	SSF x Far_LoA	-8,48629012	-0,146	0,307
CHR2	1E+07	CHR2:10389918	SSF x Far_LoA	-9,60014026	0,040	0,308
CHR2	1E+07	CHR2:10392659	SSF x Far_LoA	-9,03311543	-0,046	0,321
CHR2	1E+07	CHR2:10392706	SSF x Far_LoA	-10,8069453	0,010	0,306
CHR2	1E+07	CHR2:10392736	SSF x Far_LoA	-8,28416425	0,009	0,319
CHR2	1E+07	CHR2:10392759	SSF x Far_LoA	-9,72078129	0,042	0,281
CHR2	1E+07	CHR2:10392847	SSF x Far_LoA	-12,3986317	-0,025	0,285
CHR2	1E+07	CHR2:10398811	SSF x Far_LoA	-10,2563762	0,016	0,305
CHR2	1E+07	CHR2:10398840	SSF x Far_LoA	-12,3834948	0,007	0,316
CHR2	1E+07	CHR2:10398949	SSF x Far_LoA	-9,65019022	0,012	0,315
CHR2	1E+07	CHR2:10416453	SSF x Far_LoA	-5,1390839	-0,183	0,303
CHR2	1E+07	CHR2:10431582	SSF x Far_LoA	-9,09337693	-0,077	0,299
CHR2	1E+07	CHR2:10431629	SSF x Far_LoA	-9,53389696	0,001	0,311
CHR2	1E+07	CHR2:10431662	SSF x Far_LoA	-9,15893275	-0,014	0,301
CHR2	1E+07	CHR2:10431668	SSF x Far_LoA	-9,28917572	0,052	0,296

CHR2	1E+07	CHR2:10431677	SSF x Far_LoA	-8,20509103	-0,023	0,322
CHR2	1E+07	CHR2:10431694	SSF x Far_LoA	-9,12707583	0,068	0,317
CHR2	1E+07	CHR2:10431707	SSF x Far_LoA	-9,14168334	-0,097	0,312
CHR2	1E+07	CHR2:10431723	SSF x Far_LoA	-6,79890588	-0,108	0,309
CHR2	1E+07	CHR2:10431731	SSF x Far_LoA	-10,1812509	0,052	0,306
CHR2	1E+07	CHR2:10431750	SSF x Far_LoA	-6,77617215	-0,113	0,308
CHR2	1E+07	CHR2:10434079	SSF x Far_LoA	-8,11118512	-0,039	0,322
CHR2	1E+07	CHR2:10434145	SSF x Far_LoA	-10,6176943	-0,022	0,314
CHR2	1E+07	CHR2:10434146	SSF x Far_LoA	-10,4009976	-0,021	0,307
CHR2	1E+07	CHR2:10434187	SSF x Far_LoA	-8,67719845	-0,077	0,315
CHR2	1E+07	CHR2:10434188	SSF x Far_LoA	-8,90575607	-0,034	0,308
CHR2	1E+07	CHR2:10434190	SSF x Far_LoA	-8,82887566	-0,064	0,299
CHR2	1E+07	CHR2:10434535	SSF x Far_LoA	-8,58799998	0,041	0,325
CHR2	1E+07	CHR2:10434596	SSF x Far_LoA	-9,91846865	-0,018	0,296
CHR2	1E+07	CHR2:10437858	SSF x Far_LoA	-11,3559778	-0,005	0,303
CHR2	1E+07	CHR2:10437905	SSF x Far_LoA	-9,49047053	0,058	0,312
CHR2	1E+07	CHR2:10437926	SSF x Far_LoA	-7,09543284	0,059	0,315
CHR2	1E+07	CHR2:10437998	SSF x Far_LoA	-9,09506603	-0,039	0,315
CHR2	1E+07	CHR2:10438060	SSF x Far_LoA	-8,07535488	0,084	0,305
CHR2	1E+07	CHR2:10441289	SSF x Far_LoA	-9,46185607	-0,051	0,308
CHR2	1E+07	CHR2:10446443	SSF x Far_LoA	-9,25855007	0,003	0,316
CHR2	1E+07	CHR2:10452669	SSF x Far_LoA	-9,81843968	0,077	0,317
CHR2	1E+07	CHR2:10453330	SSF x Far_LoA	-10,9225178	0,032	0,312
CHR2	1E+07	CHR2:10453461	SSF x Far_LoA	-9,84996568	-0,008	0,309
CHR2	1E+07	CHR2:10457801	SSF x Far_LoA	-9,40881894	-0,008	0,295
CHR2	1E+07	CHR2:10457802	SSF x Far_LoA	-11,3220419	-0,059	0,307
CHR2	1E+07	CHR2:10459485	SSF x Far_LoA	-10,6887259	0,016	0,307
CHR2	1E+07	CHR2:10459513	SSF x Far_LoA	-9,48911891	-0,060	0,302
CHR2	1E+07	CHR2:10464290	SSF x Far_LoA	-9,51663884	0,012	0,320
CHR2	1E+07	CHR2:10464297	SSF x Far_LoA	-8,67285919	-0,120	0,297
CHR2	1E+07	CHR2:10466382	SSF x Far_LoA	-8,85183874	0,078	0,307
CHR2	1E+07	CHR2:10466429	SSF x Far_LoA	-8,02637674	-0,051	0,304
CHR2	1E+07	CHR2:10466470	SSF x Far_LoA	-9,01682575	-0,021	0,310
CHR2	1E+07	CHR2:10469191	SSF x Far_LoA	-9,72241162	-0,022	0,304
CHR2	1E+07	CHR2:10474163	SSF x Far_LoA	-9,03001733	0,003	0,309
CHR2	1E+07	CHR2:10483637	SSF x Far_LoA	-9,16015959	-0,032	0,305
CHR2	1E+07	CHR2:10483652	SSF x Far_LoA	-9,47798512	-0,031	0,299
CHR2	1E+07	CHR2:10483740	SSF x Far_LoA	-10,6049184	0,135	0,305
CHR2	1E+07	CHR2:10483756	SSF x Far_LoA	-9,18200173	0,073	0,302
CHR2	1E+07	CHR2:10483778	SSF x Far_LoA	-9,53109685	0,049	0,304
CHR2	1E+07	CHR2:10483796	SSF x Far_LoA	-11,5475435	0,020	0,306
CHR2	1E+07	CHR2:10483811	SSF x Far_LoA	-8,95284609	0,028	0,304
CHR2	1E+07	CHR2:10483816	SSF x Far_LoA	-9,22649294	0,055	0,286
CHR2	1E+07	CHR2:10486283	SSF x Far_LoA	-10,5728562	0,032	0,312
CHR2	1E+07	CHR2:10490478	SSF x Far_LoA	-9,35452646	-0,082	0,313
CHR2	1E+07	CHR2:10490497	SSF x Far_LoA	-9,19349638	-0,003	0,310
CHR2	1E+07	CHR2:10490578	SSF x Far_LoA	-7,00944658	-0,196	0,299
CHR2	1E+07	CHR2:10490643	SSF x Far_LoA	-7,27474231	0,051	0,311
CHR2	1E+07	CHR2:10495952	SSF x Far_LoA	-1,05435635	-0,129	0,312
CHR2	1E+07	CHR2:10495996	SSF x Far_LoA	-10,4090817	0,077	0,320
CHR2	1E+07	CHR2:10495997	SSF x Far_LoA	0,38271018	0,140	0,304
CHR2	1E+07	CHR2:10495999	SSF x Far_LoA	-7,95261267	0,122	0,306
CHR2	1E+07	CHR2:10496035	SSF x Far_LoA	-8,1108547	0,119	0,300

CHR2	1E+07	CHR2:10496183	SSF x Far_LoA	-10,2452148	-0,072	0,308
CHR2	1E+07	CHR2:10498324	SSF x Far_LoA	-11,3477979	-0,057	0,309
CHR2	1E+07	CHR2:10498805	SSF x Far_LoA	-7,34721103	-0,151	0,301
CHR2	1E+07	CHR2:10498808	SSF x Far_LoA	-9,97099319	0,122	0,287
CHR2	1049977	CHR2:1049977	SSF x Far_LoA	-11,2476159	-0,054	0,301
CHR2	1050020	CHR2:1050020	SSF x Far_LoA	-11,1053181	0,023	0,305
CHR2	1050033	CHR2:1050033	SSF x Far_LoA	-7,90811753	-0,123	0,309
CHR2	10501348	CHR2:10501348	SSF x Far_LoA	-9,54021063	-0,051	0,302
CHR2	10501420	CHR2:10501420	SSF x Far_LoA	-3,59933986	0,041	0,317
CHR2	10501424	CHR2:10501424	SSF x Far_LoA	-9,82524078	0,044	0,317
CHR2	10501425	CHR2:10501425	SSF x Far_LoA	-10,85316	-0,029	0,294
CHR2	1050153	CHR2:1050153	SSF x Far_LoA	-8,48340117	-0,103	0,303
CHR2	1050180	CHR2:1050180	SSF x Far_LoA	-8,06498416	-0,054	0,298
CHR2	1050186	CHR2:1050186	SSF x Far_LoA	-7,66703957	-0,104	0,302
CHR2	1050195	CHR2:1050195	SSF x Far_LoA	-9,10314633	-0,084	0,311
CHR2	10502354	CHR2:10502354	SSF x Far_LoA	-9,87020263	-0,089	0,297
CHR2	10519161	CHR2:10519161	SSF x Far_LoA	-8,22872655	0,089	0,301
CHR2	10519200	CHR2:10519200	SSF x Far_LoA	-9,10966313	-0,041	0,300
CHR2	10519653	CHR2:10519653	SSF x Far_LoA	-10,2680594	-0,048	0,308
CHR2	10523745	CHR2:10523745	SSF x Far_LoA	-5,48984722	-0,151	0,307
CHR2	10523832	CHR2:10523832	SSF x Far_LoA	-9,96588926	0,028	0,305
CHR2	10529088	CHR2:10529088	SSF x Far_LoA	-11,1264946	0,086	0,303
CHR2	10529105	CHR2:10529105	SSF x Far_LoA	-9,45830038	-0,070	0,303
CHR2	10529109	CHR2:10529109	SSF x Far_LoA	-11,2684795	-0,008	0,298
CHR2	10529134	CHR2:10529134	SSF x Far_LoA	-11,2405661	0,013	0,299
CHR2	10529164	CHR2:10529164	SSF x Far_LoA	-7,93412402	-0,108	0,314
CHR2	10540867	CHR2:10540867	SSF x Far_LoA	-8,5423132	0,077	0,307
CHR2	10540876	CHR2:10540876	SSF x Far_LoA	-10,779557	0,035	0,309
CHR2	10541059	CHR2:10541059	SSF x Far_LoA	-11,5836108	0,077	0,300
CHR2	10541239	CHR2:10541239	SSF x Far_LoA	-8,32829014	0,051	0,304
CHR2	10542420	CHR2:10542420	SSF x Far_LoA	-8,40920563	-0,018	0,316
CHR2	10542438	CHR2:10542438	SSF x Far_LoA	-9,78375941	-0,039	0,303
CHR2	10542473	CHR2:10542473	SSF x Far_LoA	-7,22673812	0,100	0,297
CHR2	10542540	CHR2:10542540	SSF x Far_LoA	-11,8358698	0,047	0,300
CHR2	10569434	CHR2:10569434	SSF x Far_LoA	-9,11515763	0,021	0,296
CHR2	10569604	CHR2:10569604	SSF x Far_LoA	-8,20740208	-0,018	0,324
CHR2	10575335	CHR2:10575335	SSF x Far_LoA	-6,97641043	-0,130	0,307
CHR2	10576756	CHR2:10576756	SSF x Far_LoA	-9,02415925	0,003	0,323
CHR2	10581951	CHR2:10581951	SSF x Far_LoA	-9,16922817	-0,027	0,302
CHR2	10581955	CHR2:10581955	SSF x Far_LoA	-6,58673986	0,160	0,297
CHR2	10581969	CHR2:10581969	SSF x Far_LoA	-6,60471492	0,046	0,309
CHR2	10582042	CHR2:10582042	SSF x Far_LoA	-10,6888225	0,093	0,290
CHR2	10582043	CHR2:10582043	SSF x Far_LoA	-11,2124023	0,100	0,310
CHR2	10582054	CHR2:10582054	SSF x Far_LoA	-6,23749615	0,145	0,292
CHR2	10589389	CHR2:10589389	SSF x Far_LoA	-8,74960776	-0,050	0,304
CHR2	10589410	CHR2:10589410	SSF x Far_LoA	-10,026302	-0,029	0,295
CHR2	10597817	CHR2:10597817	SSF x Far_LoA	-7,94087039	0,060	0,317
CHR2	10597821	CHR2:10597821	SSF x Far_LoA	-9,86204566	0,032	0,296
CHR2	10597826	CHR2:10597826	SSF x Far_LoA	-11,7584044	-0,005	0,313
CHR2	10597834	CHR2:10597834	SSF x Far_LoA	-10,5951446	0,045	0,294
CHR2	10597853	CHR2:10597853	SSF x Far_LoA	-11,6232012	0,033	0,304
CHR2	10597854	CHR2:10597854	SSF x Far_LoA	-7,02051337	0,103	0,298
CHR2	10597863	CHR2:10597863	SSF x Far_LoA	-11,168139	0,093	0,296

CHR2	10597870	CHR2:10597870	SSF x Far_LoA	-8,32488429	0,095	0,311
CHR2	10597887	CHR2:10597887	SSF x Far_LoA	-5,9981335	0,108	0,305
CHR2	10597891	CHR2:10597891	SSF x Far_LoA	-10,9075891	0,108	0,293
CHR2	10597895	CHR2:10597895	SSF x Far_LoA	-10,3516829	0,090	0,304
CHR2	10597910	CHR2:10597910	SSF x Far_LoA	-10,8003565	0,080	0,286
CHR2	10597915	CHR2:10597915	SSF x Far_LoA	-8,82818291	-0,043	0,313
CHR2	10598052	CHR2:10598052	SSF x Far_LoA	-10,3359193	-0,016	0,303
CHR2	10598081	CHR2:10598081	SSF x Far_LoA	-8,73009252	-0,013	0,304
CHR2	10598085	CHR2:10598085	SSF x Far_LoA	-9,98496621	-0,026	0,303
CHR2	10600106	CHR2:10600106	SSF x Far_LoA	-9,3068276	0,018	0,318
CHR2	10600221	CHR2:10600221	SSF x Far_LoA	-9,22887523	0,049	0,313
CHR2	10600323	CHR2:10600323	SSF x Far_LoA	-11,5011462	-0,017	0,308
CHR2	10600347	CHR2:10600347	SSF x Far_LoA	-8,5830718	0,118	0,305
CHR2	10604768	CHR2:10604768	SSF x Far_LoA	-9,1802646	-0,015	0,304
CHR2	10604838	CHR2:10604838	SSF x Far_LoA	-9,69093992	0,032	0,293
CHR2	10604846	CHR2:10604846	SSF x Far_LoA	-9,25702724	-0,005	0,290
CHR2	10607944	CHR2:10607944	SSF x Far_LoA	-12,0686516	0,033	0,296
CHR2	10607998	CHR2:10607998	SSF x Far_LoA	-9,63664373	-0,105	0,303
CHR2	10608004	CHR2:10608004	SSF x Far_LoA	-8,77663703	-0,072	0,318
CHR2	10608005	CHR2:10608005	SSF x Far_LoA	-8,64648085	0,125	0,301
CHR2	10608037	CHR2:10608037	SSF x Far_LoA	-10,8198938	-0,081	0,294
CHR2	10608071	CHR2:10608071	SSF x Far_LoA	-8,50184941	0,090	0,311
CHR2	10608112	CHR2:10608112	SSF x Far_LoA	-9,21514945	0,097	0,312
CHR2	10613643	CHR2:10613643	SSF x Far_LoA	-10,2428693	-0,013	0,312
CHR2	10613731	CHR2:10613731	SSF x Far_LoA	-7,58125982	-0,074	0,306
CHR2	10613791	CHR2:10613791	SSF x Far_LoA	-10,6158263	0,069	0,314
CHR2	10613874	CHR2:10613874	SSF x Far_LoA	-6,96048028	-0,123	0,312
CHR2	10625605	CHR2:10625605	SSF x Far_LoA	-8,57122322	-0,085	0,300
CHR2	1063973	CHR2:1063973	SSF x Far_LoA	-9,64299836	-0,070	0,315
CHR2	10639980	CHR2:10639980	SSF x Far_LoA	-8,05126204	0,122	0,291
CHR2	10639998	CHR2:10639998	SSF x Far_LoA	-9,05321447	-0,008	0,311
CHR2	10640005	CHR2:10640005	SSF x Far_LoA	-10,1233091	-0,083	0,307
CHR2	10640009	CHR2:10640009	SSF x Far_LoA	-10,7454131	-0,075	0,308
CHR2	10640045	CHR2:10640045	SSF x Far_LoA	-9,44529777	0,121	0,306
CHR2	10640053	CHR2:10640053	SSF x Far_LoA	-9,24984699	0,083	0,307
CHR2	1064150	CHR2:1064150	SSF x Far_LoA	-10,3805022	0,123	0,291
CHR2	1064158	CHR2:1064158	SSF x Far_LoA	-9,63807857	0,135	0,300
CHR2	1064163	CHR2:1064163	SSF x Far_LoA	-6,41738665	0,105	0,294
CHR2	10645806	CHR2:10645806	SSF x Far_LoA	-8,26136027	-0,039	0,308
CHR2	10647620	CHR2:10647620	SSF x Far_LoA	-9,33508482	0,092	0,292
CHR2	10647655	CHR2:10647655	SSF x Far_LoA	-8,32449331	-0,111	0,301
CHR2	10647702	CHR2:10647702	SSF x Far_LoA	-8,75174989	-0,087	0,308
CHR2	10649351	CHR2:10649351	SSF x Far_LoA	-9,02319989	-0,050	0,308
CHR2	10649375	CHR2:10649375	SSF x Far_LoA	-8,84422531	0,044	0,305
CHR2	10650925	CHR2:10650925	SSF x Far_LoA	-9,79914071	-0,070	0,305
CHR2	10650981	CHR2:10650981	SSF x Far_LoA	-8,3165286	-0,111	0,309
CHR2	10656959	CHR2:10656959	SSF x Far_LoA	14,0409242	-0,100	0,309
CHR2	10665846	CHR2:10665846	SSF x Far_LoA	-8,32117778	0,093	0,311
CHR2	10665899	CHR2:10665899	SSF x Far_LoA	-10,7790628	0,004	0,311
CHR2	10665907	CHR2:10665907	SSF x Far_LoA	-10,7242419	0,067	0,302
CHR2	10665909	CHR2:10665909	SSF x Far_LoA	-9,83260075	0,083	0,296
CHR2	10667092	CHR2:10667092	SSF x Far_LoA	-9,34873831	-0,032	0,304
CHR2	10667127	CHR2:10667127	SSF x Far_LoA	-10,7296585	-0,067	0,308

CHR2	10667198	CHR2:10667198	SSF x Far_LoA	-11,408318	-0,055	0,308
CHR2	10671670	CHR2:10671670	SSF x Far_LoA	-7,72021791	-0,006	0,312
CHR2	10688960	CHR2:10688960	SSF x Far_LoA	-10,0325183	0,086	0,299
CHR2	10689006	CHR2:10689006	SSF x Far_LoA	-5,76027791	-0,043	0,307
CHR2	10689009	CHR2:10689009	SSF x Far_LoA	-7,24146423	0,111	0,312
CHR2	10689103	CHR2:10689103	SSF x Far_LoA	-8,75100719	0,036	0,320
CHR2	10689714	CHR2:10689714	SSF x Far_LoA	-10,6222952	-0,064	0,295
CHR2	10689805	CHR2:10689805	SSF x Far_LoA	-8,62215837	0,146	0,296
CHR2	10689813	CHR2:10689813	SSF x Far_LoA	-9,74689521	-0,009	0,313
CHR2	10694818	CHR2:10694818	SSF x Far_LoA	-10,2918063	-0,048	0,311
CHR2	10694819	CHR2:10694819	SSF x Far_LoA	-10,0410185	-0,022	0,320
CHR2	10694827	CHR2:10694827	SSF x Far_LoA	-8,25302228	0,090	0,315
CHR2	10694970	CHR2:10694970	SSF x Far_LoA	-7,19577353	0,153	0,299
CHR2	10694991	CHR2:10694991	SSF x Far_LoA	-12,329381	0,013	0,292
CHR2	10695007	CHR2:10695007	SSF x Far_LoA	-8,0922867	0,115	0,296
CHR2	10695010	CHR2:10695010	SSF x Far_LoA	-11,4900364	0,019	0,293
CHR2	10695032	CHR2:10695032	SSF x Far_LoA	-11,8807488	0,022	0,310
CHR2	10697733	CHR2:10697733	SSF x Far_LoA	-10,6691516	0,135	0,292
CHR2	10698021	CHR2:10698021	SSF x Far_LoA	-11,7141386	0,014	0,299
CHR2	10703985	CHR2:10703985	SSF x Far_LoA	-9,21781398	-0,043	0,316
CHR2	10705630	CHR2:10705630	SSF x Far_LoA	-10,1854828	-0,014	0,304
CHR2	10705657	CHR2:10705657	SSF x Far_LoA	-11,6110599	0,022	0,306
CHR2	10705717	CHR2:10705717	SSF x Far_LoA	-8,08205477	0,022	0,309
CHR2	10705718	CHR2:10705718	SSF x Far_LoA	-11,523203	-0,060	0,310
CHR2	10708634	CHR2:10708634	SSF x Far_LoA	-10,0541726	0,001	0,307
CHR2	10708665	CHR2:10708665	SSF x Far_LoA	-9,41104729	-0,019	0,304
CHR2	10708676	CHR2:10708676	SSF x Far_LoA	-12,1676103	0,029	0,298
CHR2	10708681	CHR2:10708681	SSF x Far_LoA	-9,56028799	0,076	0,293
CHR2	10708710	CHR2:10708710	SSF x Far_LoA	-10,6596345	-0,037	0,310
CHR2	10710483	CHR2:10710483	SSF x Far_LoA	-8,13453772	-0,086	0,325
CHR2	10711217	CHR2:10711217	SSF x Far_LoA	-9,10294181	0,075	0,321
CHR2	10721294	CHR2:10721294	SSF x Far_LoA	-8,12107503	-0,037	0,307
CHR2	10721620	CHR2:10721620	SSF x Far_LoA	-11,0306193	0,054	0,283
CHR2	10721690	CHR2:10721690	SSF x Far_LoA	-0,24653577	-0,032	0,325
CHR2	10721705	CHR2:10721705	SSF x Far_LoA	-9,52921096	-0,033	0,295
CHR2	10740602	CHR2:10740602	SSF x Far_LoA	-10,2305011	-0,005	0,309
CHR2	10740678	CHR2:10740678	SSF x Far_LoA	-10,5582553	-0,061	0,304
CHR2	10740730	CHR2:10740730	SSF x Far_LoA	-8,0025347	0,103	0,304
CHR2	10740783	CHR2:10740783	SSF x Far_LoA	-1,9868638	0,111	0,297
CHR2	10740830	CHR2:10740830	SSF x Far_LoA	-7,26715622	0,071	0,313
CHR2	10740834	CHR2:10740834	SSF x Far_LoA	-6,30969317	0,019	0,319
CHR2	10740840	CHR2:10740840	SSF x Far_LoA	-8,163377	0,043	0,316
CHR2	10740901	CHR2:10740901	SSF x Far_LoA	-1,0239777	-0,029	0,303
CHR2	10742420	CHR2:10742420	SSF x Far_LoA	-11,0875397	0,003	0,314
CHR2	10742456	CHR2:10742456	SSF x Far_LoA	-9,39640356	0,042	0,310
CHR2	10742464	CHR2:10742464	SSF x Far_LoA	-8,90658759	-0,104	0,298
CHR2	10742465	CHR2:10742465	SSF x Far_LoA	-5,5182817	0,104	0,317
CHR2	10742775	CHR2:10742775	SSF x Far_LoA	-6,88151764	0,002	0,295
CHR2	10742791	CHR2:10742791	SSF x Far_LoA	-6,44679121	-0,002	0,292
CHR2	10742870	CHR2:10742870	SSF x Far_LoA	-7,70181667	-0,056	0,303
CHR2	10747589	CHR2:10747589	SSF x Far_LoA	-10,3479523	0,007	0,290
CHR2	10747621	CHR2:10747621	SSF x Far_LoA	-9,75194728	0,047	0,302
CHR2	10747678	CHR2:10747678	SSF x Far_LoA	-10,1264716	-0,154	0,307

CHR2	10747742	CHR2:10747742	SSF x Far_LoA	-11,1537417	-0,057	0,314
CHR2	10747765	CHR2:10747765	SSF x Far_LoA	-7,53439935	0,066	0,306
CHR2	10747766	CHR2:10747766	SSF x Far_LoA	-10,1568567	-0,030	0,319
CHR2	10747769	CHR2:10747769	SSF x Far_LoA	-9,58094434	-0,141	0,324
CHR2	10747775	CHR2:10747775	SSF x Far_LoA	-5,51076292	-0,066	0,302
CHR2	10747807	CHR2:10747807	SSF x Far_LoA	-5,12462726	-0,109	0,310
CHR2	10762093	CHR2:10762093	SSF x Far_LoA	-4,68130225	-0,103	0,301
CHR2	1076281	CHR2:1076281	SSF x Far_LoA	-9,95190417	-0,019	0,304
CHR2	1076300	CHR2:1076300	SSF x Far_LoA	-10,6943374	-0,085	0,313
CHR2	1076301	CHR2:1076301	SSF x Far_LoA	-10,930661	-0,094	0,305
CHR2	1076323	CHR2:1076323	SSF x Far_LoA	-8,30530926	-0,095	0,320
CHR2	1076354	CHR2:1076354	SSF x Far_LoA	-8,65726175	-0,055	0,313
CHR2	1076364	CHR2:1076364	SSF x Far_LoA	-6,81309916	0,005	0,313
CHR2	10765173	CHR2:10765173	SSF x Far_LoA	-10,8197242	-0,012	0,323
CHR2	10765275	CHR2:10765275	SSF x Far_LoA	-9,0483024	0,087	0,300
CHR2	10765300	CHR2:10765300	SSF x Far_LoA	-9,79201645	-0,018	0,322
CHR2	10768230	CHR2:10768230	SSF x Far_LoA	-9,61505503	0,068	0,308
CHR2	10768234	CHR2:10768234	SSF x Far_LoA	-9,62126009	0,024	0,309
CHR2	10768344	CHR2:10768344	SSF x Far_LoA	-7,9059478	0,006	0,306
CHR2	10768535	CHR2:10768535	SSF x Far_LoA	-11,382494	-0,096	0,303
CHR2	10772730	CHR2:10772730	SSF x Far_LoA	-8,1065	0,077	0,301
CHR2	10772748	CHR2:10772748	SSF x Far_LoA	-10,931781	-0,004	0,309
CHR2	10772755	CHR2:10772755	SSF x Far_LoA	-8,74331256	-0,172	0,300
CHR2	10772823	CHR2:10772823	SSF x Far_LoA	-10,7983449	-0,027	0,304
CHR2	1077938	CHR2:1077938	SSF x Far_LoA	-7,90181946	0,118	0,305
CHR2	1077939	CHR2:1077939	SSF x Far_LoA	-8,21788333	0,086	0,303
CHR2	10781643	CHR2:10781643	SSF x Far_LoA	-9,80538312	0,046	0,301
CHR2	10781649	CHR2:10781649	SSF x Far_LoA	-10,3360833	0,124	0,304
CHR2	10781658	CHR2:10781658	SSF x Far_LoA	-7,24531545	-0,094	0,305
CHR2	10781698	CHR2:10781698	SSF x Far_LoA	-6,64490392	-0,183	0,311
CHR2	10799473	CHR2:10799473	SSF x Far_LoA	-11,0904601	0,014	0,297
CHR2	10799527	CHR2:10799527	SSF x Far_LoA	-9,30618748	-0,032	0,298
CHR2	10799593	CHR2:10799593	SSF x Far_LoA	-9,00013365	-0,037	0,306
CHR2	10802832	CHR2:10802832	SSF x Far_LoA	-8,4549785	0,075	0,300
CHR2	10802833	CHR2:10802833	SSF x Far_LoA	-9,21383574	0,101	0,304
CHR2	10802842	CHR2:10802842	SSF x Far_LoA	-9,11339038	-0,080	0,311
CHR2	10802903	CHR2:10802903	SSF x Far_LoA	-7,95748373	0,134	0,302
CHR2	10803010	CHR2:10803010	SSF x Far_LoA	-8,69602357	-0,104	0,315
CHR2	10810579	CHR2:10810579	SSF x Far_LoA	-4,51215401	0,164	0,305
CHR2	10810589	CHR2:10810589	SSF x Far_LoA	-10,5997426	-0,127	0,309
CHR2	10815212	CHR2:10815212	SSF x Far_LoA	-7,5416447	-0,132	0,311
CHR2	10817394	CHR2:10817394	SSF x Far_LoA	-10,6272535	0,056	0,304
CHR2	10817486	CHR2:10817486	SSF x Far_LoA	-8,79531393	0,003	0,300
CHR2	10817499	CHR2:10817499	SSF x Far_LoA	-8,14018049	0,139	0,284
CHR2	10826293	CHR2:10826293	SSF x Far_LoA	-11,5624529	-0,050	0,298
CHR2	10826379	CHR2:10826379	SSF x Far_LoA	-10,6076674	-0,042	0,314
CHR2	10826422	CHR2:10826422	SSF x Far_LoA	-8,11376602	-0,047	0,308
CHR2	10830185	CHR2:10830185	SSF x Far_LoA	-9,95705287	0,035	0,319
CHR2	10832696	CHR2:10832696	SSF x Far_LoA	-8,02209544	-0,193	0,290
CHR2	10832807	CHR2:10832807	SSF x Far_LoA	-8,40477512	-0,073	0,286
CHR2	10854976	CHR2:10854976	SSF x Far_LoA	-10,3263572	0,008	0,293
CHR2	10854981	CHR2:10854981	SSF x Far_LoA	-5,22460851	0,018	0,308
CHR2	10854997	CHR2:10854997	SSF x Far_LoA	-9,79292765	-0,100	0,293

CHR2	10855020	CHR2:10855020	SSF x Far_LoA	-9,91204683	-0,076	0,300
CHR2	10855039	CHR2:10855039	SSF x Far_LoA	-10,3775741	-0,094	0,303
CHR2	10855193	CHR2:10855193	SSF x Far_LoA	-7,84184836	0,096	0,298
CHR2	10869795	CHR2:10869795	SSF x Far_LoA	-8,94815506	0,080	0,299
CHR2	10869803	CHR2:10869803	SSF x Far_LoA	-10,2525005	-0,058	0,298
CHR2	10869819	CHR2:10869819	SSF x Far_LoA	-5,21788856	0,048	0,303
CHR2	10869845	CHR2:10869845	SSF x Far_LoA	-10,2581459	0,097	0,305
CHR2	10869855	CHR2:10869855	SSF x Far_LoA	-7,84441199	0,125	0,299
CHR2	10869917	CHR2:10869917	SSF x Far_LoA	-8,97432432	0,063	0,330
CHR2	10869997	CHR2:10869997	SSF x Far_LoA	-8,48913535	0,016	0,301
CHR2	10870006	CHR2:10870006	SSF x Far_LoA	-9,72333458	0,013	0,297
CHR2	1087293	CHR2:1087293	SSF x Far_LoA	-11,5886453	0,055	0,309
CHR2	1087298	CHR2:1087298	SSF x Far_LoA	-11,1500825	0,007	0,314
CHR2	1087339	CHR2:1087339	SSF x Far_LoA	-6,17022253	-0,043	0,298
CHR2	1087346	CHR2:1087346	SSF x Far_LoA	-7,47401152	0,076	0,310
CHR2	1087359	CHR2:1087359	SSF x Far_LoA	-4,48151673	-0,088	0,306
CHR2	1088090	CHR2:1088090	SSF x Far_LoA	-8,83607291	-0,012	0,307
CHR2	10884156	CHR2:10884156	SSF x Far_LoA	-11,8972033	-0,103	0,295
CHR2	10884178	CHR2:10884178	SSF x Far_LoA	-11,2093501	-0,001	0,312
CHR2	10884217	CHR2:10884217	SSF x Far_LoA	-9,34635097	0,025	0,315
CHR2	10884239	CHR2:10884239	SSF x Far_LoA	-11,3206345	-0,001	0,302
CHR2	10884339	CHR2:10884339	SSF x Far_LoA	-11,1345701	-0,010	0,310
CHR2	10886459	CHR2:10886459	SSF x Far_LoA	-8,63825933	-0,124	0,300
CHR2	10886463	CHR2:10886463	SSF x Far_LoA	-9,02102658	0,052	0,311
CHR2	10886476	CHR2:10886476	SSF x Far_LoA	-7,37436455	0,007	0,303
CHR2	10886506	CHR2:10886506	SSF x Far_LoA	-9,71496212	0,082	0,290
CHR2	10886509	CHR2:10886509	SSF x Far_LoA	-6,79754449	0,148	0,296
CHR2	10886568	CHR2:10886568	SSF x Far_LoA	-6,65763726	0,034	0,299
CHR2	10900456	CHR2:10900456	SSF x Far_LoA	-10,145852	-0,074	0,323
CHR2	10900512	CHR2:10900512	SSF x Far_LoA	-4,33285287	-0,086	0,314
CHR2	10904506	CHR2:10904506	SSF x Far_LoA	-8,53905929	-0,005	0,310
CHR2	10904992	CHR2:10904992	SSF x Far_LoA	-8,52952903	0,167	0,300
CHR2	10905000	CHR2:10905000	SSF x Far_LoA	-4,31325263	-0,193	0,297
CHR2	10905012	CHR2:10905012	SSF x Far_LoA	-10,6040786	-0,074	0,313
CHR2	10905051	CHR2:10905051	SSF x Far_LoA	-8,81192247	0,123	0,297
CHR2	10905088	CHR2:10905088	SSF x Far_LoA	-10,3985879	0,145	0,301
CHR2	10913803	CHR2:10913803	SSF x Far_LoA	-9,14991948	0,122	0,298
CHR2	10913816	CHR2:10913816	SSF x Far_LoA	-8,61770836	0,103	0,318
CHR2	10913921	CHR2:10913921	SSF x Far_LoA	-8,48434564	0,060	0,316
CHR2	10913938	CHR2:10913938	SSF x Far_LoA	-9,55078306	0,006	0,307
CHR2	10913974	CHR2:10913974	SSF x Far_LoA	-9,5962786	-0,059	0,319
CHR2	10914014	CHR2:10914014	SSF x Far_LoA	-7,39879726	-0,068	0,308
CHR2	10914055	CHR2:10914055	SSF x Far_LoA	-11,2051682	0,056	0,316
CHR2	10933192	CHR2:10933192	SSF x Far_LoA	-11,2426656	-0,009	0,311
CHR2	10933216	CHR2:10933216	SSF x Far_LoA	-10,1367932	-0,143	0,304
CHR2	10933303	CHR2:10933303	SSF x Far_LoA	-9,58724968	-0,062	0,312
CHR2	10933317	CHR2:10933317	SSF x Far_LoA	-9,91928414	-0,073	0,311
CHR2	10933359	CHR2:10933359	SSF x Far_LoA	-9,81401176	-0,033	0,298
CHR2	10936990	CHR2:10936990	SSF x Far_LoA	-9,67757002	-0,127	0,300
CHR2	10936991	CHR2:10936991	SSF x Far_LoA	-10,4586211	-0,099	0,308
CHR2	10936999	CHR2:10936999	SSF x Far_LoA	-10,7834386	-0,115	0,294
CHR2	10937022	CHR2:10937022	SSF x Far_LoA	-8,41048627	-0,110	0,294
CHR2	10937031	CHR2:10937031	SSF x Far_LoA	-8,07581424	-0,100	0,293

CHR2	10937041	CHR2:10937041	SSF x Far_LoA	-8,90777617	0,051	0,296
CHR2	10937332	CHR2:10937332	SSF x Far_LoA	-11,3429459	0,065	0,296
CHR2	10939371	CHR2:10939371	SSF x Far_LoA	-8,56626688	-0,007	0,308
CHR2	10939428	CHR2:10939428	SSF x Far_LoA	-8,69769091	-0,053	0,315
CHR2	10939504	CHR2:10939504	SSF x Far_LoA	-7,18635272	-0,097	0,309
CHR2	10944372	CHR2:10944372	SSF x Far_LoA	-8,37157104	0,095	0,311
CHR2	10961636	CHR2:10961636	SSF x Far_LoA	-8,12208292	0,036	0,316
CHR2	10972022	CHR2:10972022	SSF x Far_LoA	0,07001632	-0,198	0,297
CHR2	10972081	CHR2:10972081	SSF x Far_LoA	6,09696404	-0,100	0,305
CHR2	10972208	CHR2:10972208	SSF x Far_LoA	-10,8501594	-0,076	0,313
CHR2	10976383	CHR2:10976383	SSF x Far_LoA	-2,52776001	-0,075	0,306
CHR2	10976512	CHR2:10976512	SSF x Far_LoA	-12,0006682	-0,033	0,294
CHR2	10985601	CHR2:10985601	SSF x Far_LoA	-9,99423509	0,068	0,296
CHR2	10985609	CHR2:10985609	SSF x Far_LoA	-10,2064002	-0,125	0,303
CHR2	10985764	CHR2:10985764	SSF x Far_LoA	-10,0174325	0,094	0,309
CHR2	10985807	CHR2:10985807	SSF x Far_LoA	-8,52989864	-0,035	0,302
CHR2	10985821	CHR2:10985821	SSF x Far_LoA	-9,013081	-0,006	0,304
CHR2	10989021	CHR2:10989021	SSF x Far_LoA	-12,1901812	-0,005	0,302
CHR2	10989078	CHR2:10989078	SSF x Far_LoA	-11,1962326	-0,113	0,294
CHR2	10996483	CHR2:10996483	SSF x Far_LoA	-6,84054098	0,073	0,305
CHR2	10996493	CHR2:10996493	SSF x Far_LoA	-9,32056879	0,050	0,302
CHR2	10996573	CHR2:10996573	SSF x Far_LoA	-5,78721808	-0,076	0,306
CHR2	10998751	CHR2:10998751	SSF x Far_LoA	-12,1037483	-0,017	0,300
CHR2	10998780	CHR2:10998780	SSF x Far_LoA	-11,4791783	0,000	0,305
CHR2	10998824	CHR2:10998824	SSF x Far_LoA	-8,17302644	0,110	0,304
CHR2	11004700	CHR2:11004700	SSF x Far_LoA	-10,9320789	0,095	0,309
CHR2	11004776	CHR2:11004776	SSF x Far_LoA	-9,32156985	0,026	0,294
CHR2	11004784	CHR2:11004784	SSF x Far_LoA	-8,42171113	0,043	0,308
CHR2	11004813	CHR2:11004813	SSF x Far_LoA	-9,82154911	-0,055	0,300
CHR2	11004838	CHR2:11004838	SSF x Far_LoA	-4,45207007	0,135	0,285
CHR2	11015560	CHR2:11015560	SSF x Far_LoA	-9,56654128	-0,018	0,317
CHR2	11015625	CHR2:11015625	SSF x Far_LoA	-7,49967482	0,024	0,322
CHR2	11015640	CHR2:11015640	SSF x Far_LoA	-10,5938467	0,027	0,309
CHR2	11015658	CHR2:11015658	SSF x Far_LoA	-9,36818716	-0,062	0,313
CHR2	1101765	CHR2:1101765	SSF x Far_LoA	-7,6947855	-0,037	0,305
CHR2	1101880	CHR2:1101880	SSF x Far_LoA	-10,1147488	0,033	0,312
CHR2	1101895	CHR2:1101895	SSF x Far_LoA	-9,00707988	-0,133	0,304
CHR2	11022789	CHR2:11022789	SSF x Far_LoA	-8,27311284	0,071	0,316
CHR2	11022837	CHR2:11022837	SSF x Far_LoA	-9,71232916	0,050	0,309
CHR2	11022867	CHR2:11022867	SSF x Far_LoA	-9,66529299	0,070	0,306
CHR2	11026828	CHR2:11026828	SSF x Far_LoA	-4,59702956	-0,102	0,324
CHR2	11026846	CHR2:11026846	SSF x Far_LoA	-9,87641542	0,009	0,306
CHR2	11026991	CHR2:11026991	SSF x Far_LoA	-7,89508158	-0,088	0,306
CHR2	11033272	CHR2:11033272	SSF x Far_LoA	5,63598689	0,142	0,299
CHR2	11033404	CHR2:11033404	SSF x Far_LoA	-7,54250259	0,074	0,306
CHR2	11033409	CHR2:11033409	SSF x Far_LoA	-11,4217973	0,009	0,311
CHR2	11033416	CHR2:11033416	SSF x Far_LoA	-6,92695722	-0,145	0,303
CHR2	11033452	CHR2:11033452	SSF x Far_LoA	-9,14690735	0,188	0,296
CHR2	11035909	CHR2:11035909	SSF x Far_LoA	-8,21105715	-0,109	0,309
CHR2	11035953	CHR2:11035953	SSF x Far_LoA	-10,9343482	0,044	0,299
CHR2	11035970	CHR2:11035970	SSF x Far_LoA	-8,82475006	-0,015	0,297
CHR2	11036088	CHR2:11036088	SSF x Far_LoA	-10,4362479	0,051	0,306
CHR2	11036099	CHR2:11036099	SSF x Far_LoA	-10,9540584	-0,040	0,294

CHR2	11036138	CHR2:11036138	SSF x Far_LoA	-9,62288276	-0,002	0,314
CHR2	11042509	CHR2:11042509	SSF x Far_LoA	-10,2315552	0,025	0,302
CHR2	11042547	CHR2:11042547	SSF x Far_LoA	-9,91660394	0,037	0,313
CHR2	11042548	CHR2:11042548	SSF x Far_LoA	-8,96434493	0,020	0,311
CHR2	11044079	CHR2:11044079	SSF x Far_LoA	-7,49087457	0,115	0,310
CHR2	11044122	CHR2:11044122	SSF x Far_LoA	-10,0883804	-0,125	0,315
CHR2	11044126	CHR2:11044126	SSF x Far_LoA	-6,85009797	0,127	0,307
CHR2	11044561	CHR2:11044561	SSF x Far_LoA	-8,54690659	-0,171	0,302
CHR2	1105445	CHR2:1105445	SSF x Far_LoA	-10,4802984	0,011	0,296
CHR2	1105465	CHR2:1105465	SSF x Far_LoA	-9,49750769	-0,053	0,301
CHR2	11059534	CHR2:11059534	SSF x Far_LoA	-9,83237649	-0,002	0,295
CHR2	11059718	CHR2:11059718	SSF x Far_LoA	-7,37548161	-0,022	0,312
CHR2	11059747	CHR2:11059747	SSF x Far_LoA	-10,4495234	-0,063	0,312
CHR2	11066363	CHR2:11066363	SSF x Far_LoA	-9,3501612	-0,127	0,292
CHR2	11066484	CHR2:11066484	SSF x Far_LoA	-9,00322814	0,032	0,307
CHR2	11066491	CHR2:11066491	SSF x Far_LoA	-9,29874928	0,038	0,302
CHR2	11066537	CHR2:11066537	SSF x Far_LoA	-9,50648883	0,059	0,305
CHR2	11066549	CHR2:11066549	SSF x Far_LoA	-11,0056267	0,001	0,306
CHR2	11069115	CHR2:11069115	SSF x Far_LoA	-1,93228206	0,046	0,301
CHR2	11069117	CHR2:11069117	SSF x Far_LoA	-8,686866	-0,161	0,292
CHR2	11069270	CHR2:11069270	SSF x Far_LoA	-8,77341222	0,020	0,312
CHR2	11069281	CHR2:11069281	SSF x Far_LoA	-7,48585269	-0,085	0,330
CHR2	11069302	CHR2:11069302	SSF x Far_LoA	-9,72097155	0,019	0,306
CHR2	11069324	CHR2:11069324	SSF x Far_LoA	-8,11444979	-0,136	0,299
CHR2	11070852	CHR2:11070852	SSF x Far_LoA	-9,04604633	-0,001	0,324
CHR2	11071894	CHR2:11071894	SSF x Far_LoA	-10,6266093	0,073	0,304
CHR2	11071899	CHR2:11071899	SSF x Far_LoA	-6,7428665	-0,076	0,301
CHR2	11073160	CHR2:11073160	SSF x Far_LoA	-8,27970733	0,036	0,308
CHR2	11077563	CHR2:11077563	SSF x Far_LoA	-5,83705713	0,065	0,302
CHR2	11077565	CHR2:11077565	SSF x Far_LoA	-10,9123724	0,057	0,302
CHR2	11077603	CHR2:11077603	SSF x Far_LoA	-9,23734575	0,038	0,316
CHR2	11077606	CHR2:11077606	SSF x Far_LoA	-9,9226246	-0,042	0,301
CHR2	11077627	CHR2:11077627	SSF x Far_LoA	-8,70779425	-0,040	0,305
CHR2	11077628	CHR2:11077628	SSF x Far_LoA	-7,89068001	-0,024	0,316
CHR2	11077640	CHR2:11077640	SSF x Far_LoA	-8,68660917	-0,032	0,313
CHR2	11077708	CHR2:11077708	SSF x Far_LoA	-9,55150659	-0,044	0,318
CHR2	11077735	CHR2:11077735	SSF x Far_LoA	-10,840149	-0,067	0,318
CHR2	11077788	CHR2:11077788	SSF x Far_LoA	-9,03418833	-0,065	0,316
CHR2	11077876	CHR2:11077876	SSF x Far_LoA	-7,97163598	-0,066	0,300
CHR2	11077883	CHR2:11077883	SSF x Far_LoA	-7,88865259	-0,047	0,320
CHR2	1108016	CHR2:1108016	SSF x Far_LoA	-8,31124457	0,109	0,302
CHR2	1108069	CHR2:1108069	SSF x Far_LoA	-8,82050442	0,045	0,314
CHR2	1108105	CHR2:1108105	SSF x Far_LoA	-6,15396079	-0,162	0,300
CHR2	11098693	CHR2:11098693	SSF x Far_LoA	-11,5533841	-0,066	0,303
CHR2	11098697	CHR2:11098697	SSF x Far_LoA	-9,19794365	-0,027	0,308
CHR2	11098702	CHR2:11098702	SSF x Far_LoA	-11,4359431	-0,036	0,307
CHR2	11103927	CHR2:11103927	SSF x Far_LoA	-11,1379917	-0,028	0,325
CHR2	11108716	CHR2:11108716	SSF x Far_LoA	-8,42665653	0,109	0,311
CHR2	11108756	CHR2:11108756	SSF x Far_LoA	-8,80208767	0,024	0,304
CHR2	11108786	CHR2:11108786	SSF x Far_LoA	-9,93636348	-0,084	0,301
CHR2	11108792	CHR2:11108792	SSF x Far_LoA	-8,77306329	-0,100	0,306
CHR2	11108795	CHR2:11108795	SSF x Far_LoA	-9,1437537	0,091	0,312
CHR2	11108883	CHR2:11108883	SSF x Far_LoA	-10,1166037	-0,009	0,306

CHR2	11108896	CHR2:11108896	SSF x Far_LoA	-8,83569031	-0,030	0,309
CHR2	11117715	CHR2:11117715	SSF x Far_LoA	-9,09844332	0,119	0,300
CHR2	11119383	CHR2:11119383	SSF x Far_LoA	-7,28399286	0,026	0,291
CHR2	11119409	CHR2:11119409	SSF x Far_LoA	-8,8558181	-0,110	0,302
CHR2	11122848	CHR2:11122848	SSF x Far_LoA	-7,88007493	0,123	0,314
CHR2	11129079	CHR2:11129079	SSF x Far_LoA	-9,96727769	-0,050	0,269
CHR2	11129094	CHR2:11129094	SSF x Far_LoA	-9,68586729	0,010	0,313
CHR2	11129098	CHR2:11129098	SSF x Far_LoA	-8,39680405	-0,145	0,279
CHR2	11129099	CHR2:11129099	SSF x Far_LoA	-6,61420762	-0,157	0,292
CHR2	11129103	CHR2:11129103	SSF x Far_LoA	-10,014771	0,053	0,306
CHR2	11129124	CHR2:11129124	SSF x Far_LoA	-7,8290321	-0,109	0,312
CHR2	11129183	CHR2:11129183	SSF x Far_LoA	-10,2731259	-0,061	0,306
CHR2	11133846	CHR2:11133846	SSF x Far_LoA	-10,6899934	-0,106	0,311
CHR2	11133894	CHR2:11133894	SSF x Far_LoA	-8,26203905	-0,111	0,289
CHR2	11134114	CHR2:11134114	SSF x Far_LoA	-9,223682	0,003	0,305
CHR2	11138038	CHR2:11138038	SSF x Far_LoA	-8,74667771	-0,107	0,312
CHR2	11138106	CHR2:11138106	SSF x Far_LoA	-12,0915291	0,070	0,291
CHR2	11138136	CHR2:11138136	SSF x Far_LoA	-8,83529864	0,007	0,296
CHR2	11139819	CHR2:11139819	SSF x Far_LoA	-8,92948032	0,026	0,316
CHR2	11139837	CHR2:11139837	SSF x Far_LoA	-11,1215304	0,022	0,313
CHR2	11139871	CHR2:11139871	SSF x Far_LoA	-9,56366256	-0,113	0,298
CHR2	11139931	CHR2:11139931	SSF x Far_LoA	-10,5758943	0,059	0,311
CHR2	11140049	CHR2:11140049	SSF x Far_LoA	-11,1906739	-0,042	0,322
CHR2	11148654	CHR2:11148654	SSF x Far_LoA	-10,7927984	0,064	0,302
CHR2	11154304	CHR2:11154304	SSF x Far_LoA	-7,14353324	0,003	0,319
CHR2	11164195	CHR2:11164195	SSF x Far_LoA	-9,19864711	-0,077	0,296
CHR2	11165293	CHR2:11165293	SSF x Far_LoA	-6,57732351	-0,046	0,316
CHR2	11169333	CHR2:11169333	SSF x Far_LoA	-9,70880091	0,002	0,304
CHR2	11169371	CHR2:11169371	SSF x Far_LoA	-9,02930954	-0,024	0,307
CHR2	11169383	CHR2:11169383	SSF x Far_LoA	-7,73819897	0,004	0,311
CHR2	11169402	CHR2:11169402	SSF x Far_LoA	-9,0180077	-0,015	0,302
CHR2	11169572	CHR2:11169572	SSF x Far_LoA	-10,2462328	0,076	0,304
CHR2	11170922	CHR2:11170922	SSF x Far_LoA	-11,3661175	0,014	0,298
CHR2	11170984	CHR2:11170984	SSF x Far_LoA	-9,9406378	0,011	0,307
CHR2	11171746	CHR2:11171746	SSF x Far_LoA	-12,4560227	0,060	0,304
CHR2	11174808	CHR2:11174808	SSF x Far_LoA	-10,9836353	-0,071	0,308
CHR2	11179979	CHR2:11179979	SSF x Far_LoA	-1,95675654	0,138	0,308
CHR2	11179996	CHR2:11179996	SSF x Far_LoA	-6,06722815	0,172	0,293
CHR2	11180079	CHR2:11180079	SSF x Far_LoA	-4,2213119	0,148	0,315
CHR2	11185156	CHR2:11185156	SSF x Far_LoA	-6,36445328	0,049	0,324
CHR2	11185179	CHR2:11185179	SSF x Far_LoA	-10,3680208	0,073	0,305
CHR2	11185188	CHR2:11185188	SSF x Far_LoA	-9,30273358	-0,024	0,321
CHR2	11185232	CHR2:11185232	SSF x Far_LoA	-9,8589872	0,058	0,303
CHR2	11185586	CHR2:11185586	SSF x Far_LoA	-11,0177827	0,049	0,301
CHR2	1118836	CHR2:1118836	SSF x Far_LoA	-0,50976546	0,152	0,279
CHR2	1119096	CHR2:1119096	SSF x Far_LoA	-6,57491369	-0,073	0,320
CHR2	11194740	CHR2:11194740	SSF x Far_LoA	-9,30881054	-0,005	0,304
CHR2	11194769	CHR2:11194769	SSF x Far_LoA	-7,04779769	0,021	0,310
CHR2	11195225	CHR2:11195225	SSF x Far_LoA	-10,2893207	0,061	0,312
CHR2	11195323	CHR2:11195323	SSF x Far_LoA	-9,44665338	0,095	0,297
CHR2	1119751	CHR2:1119751	SSF x Far_LoA	-9,02116002	0,178	0,277
CHR2	11198054	CHR2:11198054	SSF x Far_LoA	-11,3432253	-0,067	0,309
CHR2	11198091	CHR2:11198091	SSF x Far_LoA	-10,5773237	0,047	0,298

CHR2	11202938	CHR2:11202938	SSF x Far_LoA	-10,8115816	-0,094	0,301
CHR2	11213935	CHR2:11213935	SSF x Far_LoA	-7,82052486	-0,104	0,302
CHR2	11214029	CHR2:11214029	SSF x Far_LoA	-8,89183698	-0,021	0,316
CHR2	11214137	CHR2:11214137	SSF x Far_LoA	-9,35252904	0,074	0,292
CHR2	11214155	CHR2:11214155	SSF x Far_LoA	-11,3763467	0,012	0,302
CHR2	11214254	CHR2:11214254	SSF x Far_LoA	-11,5061405	-0,080	0,295
CHR2	11219734	CHR2:11219734	SSF x Far_LoA	-8,25085972	-0,056	0,308
CHR2	11219751	CHR2:11219751	SSF x Far_LoA	-8,41628939	0,126	0,310
CHR2	11219769	CHR2:11219769	SSF x Far_LoA	-9,92896288	-0,191	0,292
CHR2	11233856	CHR2:11233856	SSF x Far_LoA	-8,02139562	0,010	0,306
CHR2	11233880	CHR2:11233880	SSF x Far_LoA	-1,45626655	0,138	0,299
CHR2	11234934	CHR2:11234934	SSF x Far_LoA	-10,4449327	0,027	0,306
CHR2	11234935	CHR2:11234935	SSF x Far_LoA	-9,10785352	0,082	0,309
CHR2	11237241	CHR2:11237241	SSF x Far_LoA	-11,56421	0,037	0,288
CHR2	11237291	CHR2:11237291	SSF x Far_LoA	-7,67207669	0,042	0,318
CHR2	11237322	CHR2:11237322	SSF x Far_LoA	-6,81528969	-0,090	0,300
CHR2	11250031	CHR2:11250031	SSF x Far_LoA	-9,83310354	-0,051	0,312
CHR2	11250150	CHR2:11250150	SSF x Far_LoA	-8,81522091	0,125	0,297
CHR2	11250156	CHR2:11250156	SSF x Far_LoA	-8,039393	0,169	0,294
CHR2	11250183	CHR2:11250183	SSF x Far_LoA	-10,883263	-0,035	0,304
CHR2	11250294	CHR2:11250294	SSF x Far_LoA	-8,33070188	0,077	0,314
CHR2	11250308	CHR2:11250308	SSF x Far_LoA	-8,75697108	-0,115	0,302
CHR2	11265045	CHR2:11265045	SSF x Far_LoA	-8,52364165	0,082	0,307
CHR2	11265109	CHR2:11265109	SSF x Far_LoA	-8,49177335	0,039	0,315
CHR2	11265155	CHR2:11265155	SSF x Far_LoA	-11,5636935	-0,018	0,304
CHR2	11265156	CHR2:11265156	SSF x Far_LoA	-11,0142881	-0,039	0,307
CHR2	11265188	CHR2:11265188	SSF x Far_LoA	-10,5988877	0,024	0,311
CHR2	11277149	CHR2:11277149	SSF x Far_LoA	-6,84292086	-0,099	0,323
CHR2	11282362	CHR2:11282362	SSF x Far_LoA	-10,9969749	-0,047	0,301
CHR2	11282372	CHR2:11282372	SSF x Far_LoA	-9,16959423	-0,059	0,303
CHR2	11282467	CHR2:11282467	SSF x Far_LoA	-11,4379888	-0,067	0,304
CHR2	11285174	CHR2:11285174	SSF x Far_LoA	-7,73776235	0,039	0,309
CHR2	11285402	CHR2:11285402	SSF x Far_LoA	-8,4063415	-0,070	0,311
CHR2	11285445	CHR2:11285445	SSF x Far_LoA	-9,98562316	-0,063	0,301
CHR2	11291428	CHR2:11291428	SSF x Far_LoA	-11,9266114	0,073	0,303
CHR2	11291432	CHR2:11291432	SSF x Far_LoA	-9,34389438	-0,092	0,305
CHR2	11291469	CHR2:11291469	SSF x Far_LoA	-9,97563818	-0,080	0,298
CHR2	11295589	CHR2:11295589	SSF x Far_LoA	-8,99605572	0,038	0,291
CHR2	11295778	CHR2:11295778	SSF x Far_LoA	-7,47896104	-0,077	0,318
CHR2	11320161	CHR2:11320161	SSF x Far_LoA	-10,6805938	-0,057	0,301
CHR2	11324980	CHR2:11324980	SSF x Far_LoA	-7,11000542	0,024	0,307
CHR2	11325048	CHR2:11325048	SSF x Far_LoA	-10,1320311	0,067	0,297
CHR2	11333506	CHR2:11333506	SSF x Far_LoA	-7,65517926	0,051	0,319
CHR2	11333518	CHR2:11333518	SSF x Far_LoA	-8,70433335	-0,114	0,285
CHR2	11333519	CHR2:11333519	SSF x Far_LoA	-9,04576131	-0,072	0,302
CHR2	11333520	CHR2:11333520	SSF x Far_LoA	-7,54864948	-0,139	0,306
CHR2	11333796	CHR2:11333796	SSF x Far_LoA	-8,69689934	-0,092	0,315
CHR2	11333805	CHR2:11333805	SSF x Far_LoA	-11,6626205	0,011	0,313
CHR2	11348349	CHR2:11348349	SSF x Far_LoA	-8,88173567	0,036	0,319
CHR2	11348434	CHR2:11348434	SSF x Far_LoA	-7,67355943	0,062	0,307
CHR2	11348447	CHR2:11348447	SSF x Far_LoA	-7,95499845	0,022	0,303
CHR2	11351270	CHR2:11351270	SSF x Far_LoA	-10,1444529	0,029	0,312
CHR2	11351315	CHR2:11351315	SSF x Far_LoA	-11,4810066	0,030	0,299

CHR2	11351380	CHR2:11351380	SSF x Far_LoA	-9,06721682	-0,002	0,307
CHR2	11351391	CHR2:11351391	SSF x Far_LoA	-9,79298279	0,105	0,307
CHR2	11353146	CHR2:11353146	SSF x Far_LoA	-9,83695919	-0,082	0,298
CHR2	11353163	CHR2:11353163	SSF x Far_LoA	-8,53896668	-0,094	0,295
CHR2	11355811	CHR2:11355811	SSF x Far_LoA	-9,53199242	-0,021	0,311
CHR2	11355842	CHR2:11355842	SSF x Far_LoA	-9,8696343	0,009	0,312
CHR2	11355896	CHR2:11355896	SSF x Far_LoA	-10,6126852	-0,067	0,309
CHR2	11356677	CHR2:11356677	SSF x Far_LoA	-9,62499245	0,002	0,306
CHR2	11356733	CHR2:11356733	SSF x Far_LoA	-8,95325107	0,136	0,292
CHR2	1136391	CHR2:1136391	SSF x Far_LoA	-7,86836995	-0,147	0,293
CHR2	11364885	CHR2:11364885	SSF x Far_LoA	-9,97949008	-0,006	0,323
CHR2	11364903	CHR2:11364903	SSF x Far_LoA	-10,8467809	0,019	0,311
CHR2	1136491	CHR2:1136491	SSF x Far_LoA	-9,14082872	-0,095	0,302
CHR2	11364950	CHR2:11364950	SSF x Far_LoA	-5,5965315	-0,203	0,296
CHR2	11364965	CHR2:11364965	SSF x Far_LoA	-9,82872291	0,107	0,287
CHR2	11364979	CHR2:11364979	SSF x Far_LoA	-11,5921161	0,006	0,313
CHR2	11365084	CHR2:11365084	SSF x Far_LoA	-7,42641966	-0,146	0,289
CHR2	11366854	CHR2:11366854	SSF x Far_LoA	-9,18937548	0,039	0,311
CHR2	11366882	CHR2:11366882	SSF x Far_LoA	-7,33101381	0,129	0,311
CHR2	11366892	CHR2:11366892	SSF x Far_LoA	-9,46521076	0,030	0,303
CHR2	11366915	CHR2:11366915	SSF x Far_LoA	-9,13750167	0,085	0,312
CHR2	11366916	CHR2:11366916	SSF x Far_LoA	-8,4375053	-0,015	0,309
CHR2	11373384	CHR2:11373384	SSF x Far_LoA	-9,24893608	0,043	0,299
CHR2	11373444	CHR2:11373444	SSF x Far_LoA	-11,8449638	0,086	0,302
CHR2	11373502	CHR2:11373502	SSF x Far_LoA	-11,4495398	0,101	0,288
CHR2	11385137	CHR2:11385137	SSF x Far_LoA	-9,50704455	0,074	0,295
CHR2	11385185	CHR2:11385185	SSF x Far_LoA	-9,18781874	0,129	0,293
CHR2	11385226	CHR2:11385226	SSF x Far_LoA	-9,72725951	0,109	0,320
CHR2	11395135	CHR2:11395135	SSF x Far_LoA	-12,1238254	-0,025	0,302
CHR2	11395138	CHR2:11395138	SSF x Far_LoA	-9,04421867	0,045	0,306
CHR2	11404498	CHR2:11404498	SSF x Far_LoA	-9,84844008	-0,067	0,293
CHR2	11404509	CHR2:11404509	SSF x Far_LoA	-8,52144523	-0,020	0,324
CHR2	1140468	CHR2:1140468	SSF x Far_LoA	-7,58015406	0,061	0,321
CHR2	11408382	CHR2:11408382	SSF x Far_LoA	-11,1241498	0,000	0,306
CHR2	11408480	CHR2:11408480	SSF x Far_LoA	-8,41225031	0,075	0,304
CHR2	11408498	CHR2:11408498	SSF x Far_LoA	-10,5127568	-0,071	0,307
CHR2	11412498	CHR2:11412498	SSF x Far_LoA	-10,8701363	0,046	0,313
CHR2	11412576	CHR2:11412576	SSF x Far_LoA	-9,85037039	0,077	0,309
CHR2	11414980	CHR2:11414980	SSF x Far_LoA	-10,3957647	-0,154	0,300
CHR2	11414994	CHR2:11414994	SSF x Far_LoA	-7,29697597	-0,113	0,312
CHR2	11434654	CHR2:11434654	SSF x Far_LoA	-3,31432824	-0,057	0,302
CHR2	11434662	CHR2:11434662	SSF x Far_LoA	-7,83612242	-0,035	0,302
CHR2	11434698	CHR2:11434698	SSF x Far_LoA	-9,72650272	-0,085	0,298
CHR2	11434707	CHR2:11434707	SSF x Far_LoA	-8,7086361	-0,032	0,307
CHR2	11434758	CHR2:11434758	SSF x Far_LoA	-5,27804395	0,107	0,310
CHR2	11434776	CHR2:11434776	SSF x Far_LoA	-10,4532479	0,054	0,314
CHR2	11434843	CHR2:11434843	SSF x Far_LoA	-9,96427316	-0,116	0,301
CHR2	1143628	CHR2:1143628	SSF x Far_LoA	-8,49407923	-0,091	0,299
CHR2	1143723	CHR2:1143723	SSF x Far_LoA	-5,98278247	0,113	0,318
CHR2	11469436	CHR2:11469436	SSF x Far_LoA	-8,98638815	0,066	0,312
CHR2	11469451	CHR2:11469451	SSF x Far_LoA	-6,92404165	-0,142	0,304
CHR2	11469488	CHR2:11469488	SSF x Far_LoA	-7,11220104	0,037	0,320
CHR2	1147366	CHR2:1147366	SSF x Far_LoA	-9,63388983	0,022	0,301

CHR2	1147440	CHR2:1147440	SSF x Far_LoA	-10,5587317	-0,038	0,311
CHR2	1147446	CHR2:1147446	SSF x Far_LoA	-9,14127609	-0,020	0,319
CHR2	1147477	CHR2:1147477	SSF x Far_LoA	-9,59124888	0,053	0,305
CHR2	1147485	CHR2:1147485	SSF x Far_LoA	-8,78358078	0,088	0,304
CHR2	1147579	CHR2:1147579	SSF x Far_LoA	-10,0842692	0,045	0,319
CHR2	11483689	CHR2:11483689	SSF x Far_LoA	-11,3211605	0,063	0,304
CHR2	11484834	CHR2:11484834	SSF x Far_LoA	-9,74281284	-0,095	0,312
CHR2	11489319	CHR2:11489319	SSF x Far_LoA	-6,9644314	-0,151	0,292
CHR2	11489382	CHR2:11489382	SSF x Far_LoA	-9,67955564	0,137	0,296
CHR2	11489388	CHR2:11489388	SSF x Far_LoA	-5,09800086	-0,177	0,301
CHR2	11489654	CHR2:11489654	SSF x Far_LoA	-9,18060355	-0,111	0,299
CHR2	11498209	CHR2:11498209	SSF x Far_LoA	-9,24602857	0,052	0,316
CHR2	11498228	CHR2:11498228	SSF x Far_LoA	-8,41409145	-0,020	0,299
CHR2	11498268	CHR2:11498268	SSF x Far_LoA	-7,53890988	0,081	0,316
CHR2	11498289	CHR2:11498289	SSF x Far_LoA	-9,30407469	0,019	0,305
CHR2	11498348	CHR2:11498348	SSF x Far_LoA	-5,3403751	-0,092	0,301
CHR2	11498380	CHR2:11498380	SSF x Far_LoA	-5,74499378	-0,036	0,319
CHR2	11498507	CHR2:11498507	SSF x Far_LoA	-10,0070998	0,076	0,314
CHR2	11498511	CHR2:11498511	SSF x Far_LoA	-9,87029298	0,054	0,304
CHR2	11498527	CHR2:11498527	SSF x Far_LoA	-8,71312736	-0,010	0,315
CHR2	11502950	CHR2:11502950	SSF x Far_LoA	-9,83620388	0,097	0,299
CHR2	11502957	CHR2:11502957	SSF x Far_LoA	-7,64427612	0,034	0,313
CHR2	11502980	CHR2:11502980	SSF x Far_LoA	-8,75854685	0,058	0,299
CHR2	11502988	CHR2:11502988	SSF x Far_LoA	-10,9586462	0,060	0,301
CHR2	11502990	CHR2:11502990	SSF x Far_LoA	-10,7874918	-0,154	0,305
CHR2	11502995	CHR2:11502995	SSF x Far_LoA	-10,6594568	-0,095	0,308
CHR2	11503081	CHR2:11503081	SSF x Far_LoA	-12,0537093	0,046	0,308
CHR2	11503181	CHR2:11503181	SSF x Far_LoA	-9,57081611	0,029	0,315
CHR2	11512999	CHR2:11512999	SSF x Far_LoA	-8,60509122	-0,007	0,293
CHR2	11513006	CHR2:11513006	SSF x Far_LoA	-6,03785671	0,065	0,305
CHR2	11513012	CHR2:11513012	SSF x Far_LoA	-6,63811871	0,071	0,301
CHR2	11513165	CHR2:11513165	SSF x Far_LoA	-6,97924214	-0,014	0,301
CHR2	11513182	CHR2:11513182	SSF x Far_LoA	-11,3529151	0,077	0,312
CHR2	11513220	CHR2:11513220	SSF x Far_LoA	-10,7121901	-0,017	0,303
CHR2	11513226	CHR2:11513226	SSF x Far_LoA	-9,70044939	-0,030	0,297
CHR2	11513228	CHR2:11513228	SSF x Far_LoA	-9,43834654	0,125	0,302
CHR2	11513256	CHR2:11513256	SSF x Far_LoA	-10,2834832	-0,026	0,299
CHR2	11523257	CHR2:11523257	SSF x Far_LoA	-10,708381	-0,041	0,307
CHR2	11523268	CHR2:11523268	SSF x Far_LoA	-9,57524124	-0,033	0,316
CHR2	11523279	CHR2:11523279	SSF x Far_LoA	-8,97608144	0,087	0,305
CHR2	11523333	CHR2:11523333	SSF x Far_LoA	-10,6519276	0,001	0,307
CHR2	11523376	CHR2:11523376	SSF x Far_LoA	-8,5322062	0,045	0,327
CHR2	11524470	CHR2:11524470	SSF x Far_LoA	-11,0630022	-0,056	0,303
CHR2	11532915	CHR2:11532915	SSF x Far_LoA	-9,66923682	-0,014	0,303
CHR2	11532922	CHR2:11532922	SSF x Far_LoA	-9,12770669	0,092	0,293
CHR2	11532933	CHR2:11532933	SSF x Far_LoA	-9,19119512	-0,055	0,294
CHR2	11532970	CHR2:11532970	SSF x Far_LoA	-5,55532202	-0,121	0,306
CHR2	11533000	CHR2:11533000	SSF x Far_LoA	-6,7318447	-0,070	0,308
CHR2	11533042	CHR2:11533042	SSF x Far_LoA	-8,53760022	0,115	0,304
CHR2	11533061	CHR2:11533061	SSF x Far_LoA	-5,95108072	-0,051	0,307
CHR2	11540538	CHR2:11540538	SSF x Far_LoA	-10,2099341	-0,068	0,301
CHR2	11540623	CHR2:11540623	SSF x Far_LoA	-11,0077507	0,077	0,305
CHR2	11543088	CHR2:11543088	SSF x Far_LoA	-10,5277548	-0,047	0,299

CHR2	11543129	CHR2:11543129	SSF x Far_LoA	-9,55467055	0,055	0,296
CHR2	11543140	CHR2:11543140	SSF x Far_LoA	-9,2189149	-0,031	0,303
CHR2	11543291	CHR2:11543291	SSF x Far_LoA	-11,5136556	0,012	0,297
CHR2	11543445	CHR2:11543445	SSF x Far_LoA	-11,2573205	-0,026	0,316
CHR2	11549784	CHR2:11549784	SSF x Far_LoA	-8,79324096	0,091	0,285
CHR2	11549866	CHR2:11549866	SSF x Far_LoA	-9,59449912	-0,028	0,305
CHR2	11549891	CHR2:11549891	SSF x Far_LoA	-9,15310124	0,058	0,287
CHR2	11549905	CHR2:11549905	SSF x Far_LoA	-7,34786488	0,073	0,308
CHR2	11560146	CHR2:11560146	SSF x Far_LoA	-9,30980167	0,005	0,314
CHR2	11560233	CHR2:11560233	SSF x Far_LoA	-7,47905935	-0,003	0,308
CHR2	11563350	CHR2:11563350	SSF x Far_LoA	-8,35013663	0,164	0,294
CHR2	11563381	CHR2:11563381	SSF x Far_LoA	-11,4530087	0,021	0,302
CHR2	11563410	CHR2:11563410	SSF x Far_LoA	-9,66479211	-0,011	0,305
CHR2	11563412	CHR2:11563412	SSF x Far_LoA	-10,853891	0,054	0,300
CHR2	11563435	CHR2:11563435	SSF x Far_LoA	-10,571986	0,065	0,309
CHR2	11563474	CHR2:11563474	SSF x Far_LoA	-9,82718091	0,066	0,319
CHR2	11568247	CHR2:11568247	SSF x Far_LoA	-7,95638986	-0,155	0,302
CHR2	11568262	CHR2:11568262	SSF x Far_LoA	-10,275022	0,026	0,308
CHR2	11568530	CHR2:11568530	SSF x Far_LoA	-11,0767389	0,050	0,301
CHR2	11568554	CHR2:11568554	SSF x Far_LoA	-8,58982854	0,085	0,318
CHR2	11568566	CHR2:11568566	SSF x Far_LoA	-11,9838252	-0,024	0,304
CHR2	11568579	CHR2:11568579	SSF x Far_LoA	-10,3349857	0,091	0,306
CHR2	11568588	CHR2:11568588	SSF x Far_LoA	-6,65141676	0,007	0,307
CHR2	11570130	CHR2:11570130	SSF x Far_LoA	-10,701281	0,096	0,300
CHR2	11570134	CHR2:11570134	SSF x Far_LoA	-10,4501012	0,007	0,307
CHR2	11570202	CHR2:11570202	SSF x Far_LoA	-10,4305127	-0,071	0,285
CHR2	11570222	CHR2:11570222	SSF x Far_LoA	-9,33337419	0,064	0,301
CHR2	1159002	CHR2:1159002	SSF x Far_LoA	-12,5577072	-0,036	0,303
CHR2	1159959	CHR2:1159959	SSF x Far_LoA	-8,57436845	0,047	0,315
CHR2	1159960	CHR2:1159960	SSF x Far_LoA	-9,00162416	0,056	0,301
CHR2	1159990	CHR2:1159990	SSF x Far_LoA	-9,92993637	-0,008	0,310
CHR2	1160035	CHR2:1160035	SSF x Far_LoA	-8,91355514	0,038	0,309
CHR2	1160049	CHR2:1160049	SSF x Far_LoA	-11,1099282	-0,072	0,304
CHR2	11605951	CHR2:11605951	SSF x Far_LoA	-9,06434005	-0,038	0,312
CHR2	11606212	CHR2:11606212	SSF x Far_LoA	-9,58250297	-0,029	0,301
CHR2	11607791	CHR2:11607791	SSF x Far_LoA	-7,42911477	0,056	0,315
CHR2	1161973	CHR2:1161973	SSF x Far_LoA	-9,46268484	-0,020	0,310
CHR2	1162002	CHR2:1162002	SSF x Far_LoA	-9,9288602	-0,007	0,324
CHR2	11629550	CHR2:11629550	SSF x Far_LoA	-8,7955188	0,062	0,301
CHR2	11631112	CHR2:11631112	SSF x Far_LoA	-12,1991941	-0,090	0,298
CHR2	11650569	CHR2:11650569	SSF x Far_LoA	-10,3617578	-0,059	0,308
CHR2	11650879	CHR2:11650879	SSF x Far_LoA	-6,41135475	0,040	0,317
CHR2	11650896	CHR2:11650896	SSF x Far_LoA	-10,4733514	0,050	0,296
CHR2	11654772	CHR2:11654772	SSF x Far_LoA	-9,57148356	-0,116	0,301
CHR2	11654881	CHR2:11654881	SSF x Far_LoA	-9,26249492	0,056	0,302
CHR2	11668316	CHR2:11668316	SSF x Far_LoA	-11,3744616	0,006	0,308
CHR2	11668352	CHR2:11668352	SSF x Far_LoA	-10,8718486	0,083	0,307
CHR2	11668357	CHR2:11668357	SSF x Far_LoA	-11,160945	0,067	0,308
CHR2	11668365	CHR2:11668365	SSF x Far_LoA	-10,2334545	0,067	0,315
CHR2	11668369	CHR2:11668369	SSF x Far_LoA	-11,022456	-0,151	0,286
CHR2	11668375	CHR2:11668375	SSF x Far_LoA	-10,8022175	0,025	0,311
CHR2	11668397	CHR2:11668397	SSF x Far_LoA	-3,51156179	0,063	0,312
CHR2	11668412	CHR2:11668412	SSF x Far_LoA	-10,6852563	0,129	0,299

CHR2	11668425	CHR2:11668425	SSF x Far_LoA	-6,86339645	0,120	0,324
CHR2	11668545	CHR2:11668545	SSF x Far_LoA	-9,54047795	-0,053	0,323
CHR2	11673034	CHR2:11673034	SSF x Far_LoA	-9,29042896	0,123	0,298
CHR2	11673125	CHR2:11673125	SSF x Far_LoA	-9,72081468	0,044	0,308
CHR2	11687089	CHR2:11687089	SSF x Far_LoA	-9,46263992	0,052	0,303
CHR2	11697711	CHR2:11697711	SSF x Far_LoA	0,68646288	0,049	0,310
CHR2	11697727	CHR2:11697727	SSF x Far_LoA	-9,15871356	-0,002	0,324
CHR2	11697899	CHR2:11697899	SSF x Far_LoA	-8,87943926	0,056	0,309
CHR2	11702456	CHR2:11702456	SSF x Far_LoA	-11,6594868	0,076	0,305
CHR2	11712313	CHR2:11712313	SSF x Far_LoA	-8,21723787	0,012	0,307
CHR2	11712476	CHR2:11712476	SSF x Far_LoA	-10,419461	-0,029	0,320
CHR2	11712484	CHR2:11712484	SSF x Far_LoA	-9,08189345	-0,148	0,298
CHR2	11712488	CHR2:11712488	SSF x Far_LoA	-8,6473269	0,145	0,297
CHR2	11712498	CHR2:11712498	SSF x Far_LoA	-8,73839292	-0,121	0,299
CHR2	11712515	CHR2:11712515	SSF x Far_LoA	-11,0800744	0,019	0,302
CHR2	11714780	CHR2:11714780	SSF x Far_LoA	-8,42011994	0,071	0,311
CHR2	11725542	CHR2:11725542	SSF x Far_LoA	-9,96418905	0,118	0,304
CHR2	11725596	CHR2:11725596	SSF x Far_LoA	-9,77207458	0,137	0,295
CHR2	11757915	CHR2:11757915	SSF x Far_LoA	-8,61041216	0,118	0,276
CHR2	11763410	CHR2:11763410	SSF x Far_LoA	-7,5418345	-0,028	0,307
CHR2	11763620	CHR2:11763620	SSF x Far_LoA	-10,9201542	0,056	0,314
CHR2	11763747	CHR2:11763747	SSF x Far_LoA	-11,8114364	0,034	0,296
CHR2	11763754	CHR2:11763754	SSF x Far_LoA	-9,95266486	-0,127	0,311
CHR2	11775235	CHR2:11775235	SSF x Far_LoA	-11,4679024	0,120	0,307
CHR2	11776492	CHR2:11776492	SSF x Far_LoA	-11,0052134	0,008	0,304
CHR2	11776767	CHR2:11776767	SSF x Far_LoA	-9,62729129	0,043	0,308
CHR2	11782030	CHR2:11782030	SSF x Far_LoA	-6,38332285	-0,079	0,299
CHR2	11782046	CHR2:11782046	SSF x Far_LoA	-11,594072	0,041	0,300
CHR2	11782107	CHR2:11782107	SSF x Far_LoA	-8,23601065	0,169	0,293
CHR2	11782108	CHR2:11782108	SSF x Far_LoA	-7,38514374	-0,026	0,315
CHR2	11782166	CHR2:11782166	SSF x Far_LoA	-10,4431303	0,118	0,296
CHR2	11788994	CHR2:11788994	SSF x Far_LoA	-6,99647281	0,129	0,306
CHR2	11789339	CHR2:11789339	SSF x Far_LoA	-10,0264645	-0,101	0,309
CHR2	11799273	CHR2:11799273	SSF x Far_LoA	-11,9348028	-0,058	0,308
CHR2	11799312	CHR2:11799312	SSF x Far_LoA	-7,73297564	0,155	0,304
CHR2	11799364	CHR2:11799364	SSF x Far_LoA	-11,3247013	-0,076	0,299
CHR2	11799434	CHR2:11799434	SSF x Far_LoA	-8,45232077	-0,065	0,305
CHR2	1180550	CHR2:1180550	SSF x Far_LoA	-9,35644262	-0,106	0,310
CHR2	1180552	CHR2:1180552	SSF x Far_LoA	-0,08236722	-0,032	0,316
CHR2	1180772	CHR2:1180772	SSF x Far_LoA	-5,10777162	0,113	0,303
CHR2	1180802	CHR2:1180802	SSF x Far_LoA	-10,5791637	0,022	0,316
CHR2	11811853	CHR2:11811853	SSF x Far_LoA	-5,51364125	0,207	0,301
CHR2	11812226	CHR2:11812226	SSF x Far_LoA	-7,94551928	0,079	0,306
CHR2	11812231	CHR2:11812231	SSF x Far_LoA	-7,67418477	0,092	0,311
CHR2	11812255	CHR2:11812255	SSF x Far_LoA	-12,4151334	-0,017	0,295
CHR2	11812294	CHR2:11812294	SSF x Far_LoA	-11,1534593	0,015	0,328
CHR2	11812311	CHR2:11812311	SSF x Far_LoA	-7,87364757	-0,111	0,311
CHR2	11812342	CHR2:11812342	SSF x Far_LoA	-7,63918395	0,071	0,302
CHR2	11820732	CHR2:11820732	SSF x Far_LoA	-9,52493134	0,020	0,316
CHR2	11840509	CHR2:11840509	SSF x Far_LoA	-9,22208857	-0,118	0,311
CHR2	11844446	CHR2:11844446	SSF x Far_LoA	-9,47069346	0,099	0,295
CHR2	11844455	CHR2:11844455	SSF x Far_LoA	-11,4101054	-0,049	0,320
CHR2	11844495	CHR2:11844495	SSF x Far_LoA	-11,038052	0,045	0,297

CHR2	11844532	CHR2:11844532	SSF x Far_LoA	-7,97343844	-0,064	0,300
CHR2	11844559	CHR2:11844559	SSF x Far_LoA	-7,64844121	-0,063	0,307
CHR2	11844560	CHR2:11844560	SSF x Far_LoA	-7,75868219	-0,061	0,302
CHR2	11846162	CHR2:11846162	SSF x Far_LoA	-10,3856738	0,031	0,315
CHR2	11852029	CHR2:11852029	SSF x Far_LoA	-7,82157821	-0,067	0,318
CHR2	11852158	CHR2:11852158	SSF x Far_LoA	-10,5969007	-0,050	0,305
CHR2	11854801	CHR2:11854801	SSF x Far_LoA	-10,7742155	0,041	0,322
CHR2	11854803	CHR2:11854803	SSF x Far_LoA	-8,30175757	0,097	0,305
CHR2	11854827	CHR2:11854827	SSF x Far_LoA	-2,94906454	0,170	0,306
CHR2	11854845	CHR2:11854845	SSF x Far_LoA	-10,9909376	0,067	0,297
CHR2	11854917	CHR2:11854917	SSF x Far_LoA	-9,73551098	0,035	0,309
CHR2	11855017	CHR2:11855017	SSF x Far_LoA	-8,97700836	-0,105	0,309
CHR2	11855031	CHR2:11855031	SSF x Far_LoA	-11,5918448	-0,111	0,302
CHR2	11857828	CHR2:11857828	SSF x Far_LoA	-11,0585102	0,054	0,308
CHR2	11862417	CHR2:11862417	SSF x Far_LoA	-11,1602276	0,032	0,308
CHR2	11867427	CHR2:11867427	SSF x Far_LoA	-10,140341	0,076	0,305
CHR2	11867475	CHR2:11867475	SSF x Far_LoA	-1,90426559	-0,165	0,304
CHR2	11868775	CHR2:11868775	SSF x Far_LoA	-7,27128013	-0,035	0,320
CHR2	11880685	CHR2:11880685	SSF x Far_LoA	-8,17791123	0,042	0,304
CHR2	11880719	CHR2:11880719	SSF x Far_LoA	-10,1144803	0,156	0,297
CHR2	11880774	CHR2:11880774	SSF x Far_LoA	-8,32098708	0,078	0,311
CHR2	11880784	CHR2:11880784	SSF x Far_LoA	-10,5064337	-0,039	0,310
CHR2	11880792	CHR2:11880792	SSF x Far_LoA	-7,17586371	-0,123	0,318
CHR2	11883383	CHR2:11883383	SSF x Far_LoA	-9,48190114	0,090	0,307
CHR2	11883395	CHR2:11883395	SSF x Far_LoA	-11,5629771	0,019	0,312
CHR2	11883434	CHR2:11883434	SSF x Far_LoA	-10,1202305	0,013	0,335
CHR2	11895002	CHR2:11895002	SSF x Far_LoA	-9,85441472	0,015	0,314
CHR2	11895031	CHR2:11895031	SSF x Far_LoA	-8,26549394	-0,025	0,315
CHR2	11895142	CHR2:11895142	SSF x Far_LoA	-9,4496224	0,084	0,293
CHR2	11895148	CHR2:11895148	SSF x Far_LoA	-5,580991	0,032	0,299
CHR2	1189744	CHR2:1189744	SSF x Far_LoA	-9,58802873	0,024	0,315
CHR2	1189768	CHR2:1189768	SSF x Far_LoA	-9,39484907	-0,012	0,319
CHR2	11901818	CHR2:11901818	SSF x Far_LoA	-9,92350354	0,007	0,315
CHR2	11902009	CHR2:11902009	SSF x Far_LoA	-11,5671949	-0,025	0,303
CHR2	11908794	CHR2:11908794	SSF x Far_LoA	-9,57017673	-0,069	0,293
CHR2	11908900	CHR2:11908900	SSF x Far_LoA	-10,1336132	0,162	0,294
CHR2	11920946	CHR2:11920946	SSF x Far_LoA	-8,54885503	0,058	0,294
CHR2	11920948	CHR2:11920948	SSF x Far_LoA	-10,2969617	0,052	0,307
CHR2	11920977	CHR2:11920977	SSF x Far_LoA	-8,02698739	0,029	0,306
CHR2	11934989	CHR2:11934989	SSF x Far_LoA	-11,2937592	0,094	0,302
CHR2	11935195	CHR2:11935195	SSF x Far_LoA	-6,49397267	-0,078	0,314
CHR2	11935197	CHR2:11935197	SSF x Far_LoA	-8,10782619	-0,104	0,307
CHR2	11935224	CHR2:11935224	SSF x Far_LoA	-6,22135548	0,192	0,291
CHR2	11935226	CHR2:11935226	SSF x Far_LoA	-4,50276634	0,169	0,290
CHR2	11935243	CHR2:11935243	SSF x Far_LoA	-12,1326948	-0,021	0,311
CHR2	11937009	CHR2:11937009	SSF x Far_LoA	-12,1019894	-0,060	0,301
CHR2	11937033	CHR2:11937033	SSF x Far_LoA	-9,46222837	-0,029	0,312
CHR2	11937112	CHR2:11937112	SSF x Far_LoA	-10,161713	-0,012	0,310
CHR2	11947310	CHR2:11947310	SSF x Far_LoA	-5,28547569	-0,048	0,321
CHR2	11949249	CHR2:11949249	SSF x Far_LoA	-9,4978821	-0,114	0,306
CHR2	11950555	CHR2:11950555	SSF x Far_LoA	-2,83800227	-0,117	0,318
CHR2	11950591	CHR2:11950591	SSF x Far_LoA	-11,6191734	0,058	0,303
CHR2	11955374	CHR2:11955374	SSF x Far_LoA	-4,15534673	-0,178	0,293

CHR2	11955474	CHR2:11955474	SSF x Far_LoA	-9,45772582	-0,038	0,307
CHR2	11955481	CHR2:11955481	SSF x Far_LoA	-5,89254008	-0,206	0,294
CHR2	11955515	CHR2:11955515	SSF x Far_LoA	-9,38545265	0,001	0,310
CHR2	11970204	CHR2:11970204	SSF x Far_LoA	-6,69645366	-0,049	0,310
CHR2	11970333	CHR2:11970333	SSF x Far_LoA	-8,3294471	0,001	0,313
CHR2	11970343	CHR2:11970343	SSF x Far_LoA	-11,3849104	-0,017	0,329
CHR2	11976147	CHR2:11976147	SSF x Far_LoA	-9,25577027	0,026	0,310
CHR2	11976177	CHR2:11976177	SSF x Far_LoA	-8,9291629	0,070	0,317
CHR2	11976181	CHR2:11976181	SSF x Far_LoA	-6,98813725	0,060	0,310
CHR2	11976236	CHR2:11976236	SSF x Far_LoA	-10,1425521	0,053	0,304
CHR2	11976237	CHR2:11976237	SSF x Far_LoA	-7,68683712	0,098	0,319
CHR2	11976282	CHR2:11976282	SSF x Far_LoA	-8,74457573	-0,146	0,305
CHR2	11976290	CHR2:11976290	SSF x Far_LoA	-8,97161142	-0,056	0,305
CHR2	11976318	CHR2:11976318	SSF x Far_LoA	-9,39911635	-0,149	0,314
CHR2	11978506	CHR2:11978506	SSF x Far_LoA	-10,0670746	-0,021	0,299
CHR2	11980030	CHR2:11980030	SSF x Far_LoA	-8,62251775	0,021	0,318
CHR2	11980041	CHR2:11980041	SSF x Far_LoA	-8,19037588	0,039	0,315
CHR2	11980075	CHR2:11980075	SSF x Far_LoA	-7,05515388	0,039	0,310
CHR2	11987000	CHR2:11987000	SSF x Far_LoA	-9,67884638	0,151	0,300
CHR2	11987054	CHR2:11987054	SSF x Far_LoA	-8,40302684	0,051	0,303
CHR2	11987231	CHR2:11987231	SSF x Far_LoA	-11,850223	0,016	0,311
CHR2	11990256	CHR2:11990256	SSF x Far_LoA	-7,84917844	-0,147	0,297
CHR2	11990273	CHR2:11990273	SSF x Far_LoA	-10,8590277	-0,077	0,302
CHR2	11990285	CHR2:11990285	SSF x Far_LoA	-8,64282739	0,002	0,294
CHR2	12001611	CHR2:12001611	SSF x Far_LoA	-8,80696613	0,030	0,309
CHR2	12004722	CHR2:12004722	SSF x Far_LoA	-9,67023711	0,011	0,326
CHR2	12004804	CHR2:12004804	SSF x Far_LoA	-2,32901635	-0,081	0,293
CHR2	12016826	CHR2:12016826	SSF x Far_LoA	-9,37377762	0,015	0,302
CHR2	12016848	CHR2:12016848	SSF x Far_LoA	-10,8304047	-0,126	0,309
CHR2	12016874	CHR2:12016874	SSF x Far_LoA	-9,02661056	-0,154	0,283
CHR2	12017001	CHR2:12017001	SSF x Far_LoA	-10,6003286	-0,097	0,305
CHR2	12017006	CHR2:12017006	SSF x Far_LoA	-9,87856126	-0,105	0,306
CHR2	12017007	CHR2:12017007	SSF x Far_LoA	-8,57944378	-0,093	0,315
CHR2	12021695	CHR2:12021695	SSF x Far_LoA	-8,72919548	-0,063	0,308
CHR2	12022097	CHR2:12022097	SSF x Far_LoA	-1,30719537	-0,049	0,308
CHR2	12022117	CHR2:12022117	SSF x Far_LoA	-9,44073654	-0,156	0,318
CHR2	12022120	CHR2:12022120	SSF x Far_LoA	-8,865657	-0,105	0,294
CHR2	12024649	CHR2:12024649	SSF x Far_LoA	-9,94050612	-0,033	0,308
CHR2	12032052	CHR2:12032052	SSF x Far_LoA	-8,81709626	-0,007	0,292
CHR2	12032096	CHR2:12032096	SSF x Far_LoA	-10,0197648	0,121	0,297
CHR2	12032131	CHR2:12032131	SSF x Far_LoA	-9,15360594	0,151	0,294
CHR2	12032149	CHR2:12032149	SSF x Far_LoA	-8,8369333	0,044	0,306
CHR2	12032209	CHR2:12032209	SSF x Far_LoA	-11,2092038	-0,047	0,300
CHR2	12032259	CHR2:12032259	SSF x Far_LoA	-10,3982983	0,078	0,309
CHR2	12032286	CHR2:12032286	SSF x Far_LoA	-8,11118958	0,037	0,315
CHR2	12044093	CHR2:12044093	SSF x Far_LoA	-11,5809475	0,094	0,304
CHR2	12044130	CHR2:12044130	SSF x Far_LoA	-11,9143404	-0,034	0,296
CHR2	12044150	CHR2:12044150	SSF x Far_LoA	-8,10956723	-0,067	0,293
CHR2	12044158	CHR2:12044158	SSF x Far_LoA	-11,6039998	-0,018	0,308
CHR2	12044226	CHR2:12044226	SSF x Far_LoA	-8,21036171	0,042	0,320
CHR2	12046130	CHR2:12046130	SSF x Far_LoA	-7,46055109	0,116	0,313
CHR2	12046247	CHR2:12046247	SSF x Far_LoA	-1,88402904	0,114	0,302
CHR2	12046260	CHR2:12046260	SSF x Far_LoA	-5,49514282	-0,108	0,312

CHR2	12046268	CHR2:12046268	SSF x Far_LoA	-11,5926852	-0,012	0,296
CHR2	12046277	CHR2:12046277	SSF x Far_LoA	-8,35270392	0,055	0,308
CHR2	12049520	CHR2:12049520	SSF x Far_LoA	-8,00445051	-0,037	0,309
CHR2	12049586	CHR2:12049586	SSF x Far_LoA	-11,4067034	-0,026	0,299
CHR2	12049588	CHR2:12049588	SSF x Far_LoA	-12,3116909	-0,029	0,297
CHR2	12049683	CHR2:12049683	SSF x Far_LoA	-11,2381655	0,058	0,295
CHR2	12049814	CHR2:12049814	SSF x Far_LoA	-9,65397046	0,010	0,305
CHR2	12049844	CHR2:12049844	SSF x Far_LoA	-11,9443946	0,022	0,299
CHR2	12055192	CHR2:12055192	SSF x Far_LoA	-10,7917222	0,021	0,300
CHR2	12055384	CHR2:12055384	SSF x Far_LoA	-9,25874116	0,118	0,286
CHR2	12055483	CHR2:12055483	SSF x Far_LoA	-9,11268179	-0,012	0,305
CHR2	12055487	CHR2:12055487	SSF x Far_LoA	-8,49169604	-0,059	0,315
CHR2	12061676	CHR2:12061676	SSF x Far_LoA	-10,5298916	-0,069	0,299
CHR2	12061677	CHR2:12061677	SSF x Far_LoA	-8,62749059	-0,037	0,295
CHR2	12061691	CHR2:12061691	SSF x Far_LoA	-10,2639705	0,003	0,290
CHR2	12061834	CHR2:12061834	SSF x Far_LoA	-10,6532147	0,081	0,313
CHR2	12061861	CHR2:12061861	SSF x Far_LoA	-12,0280868	-0,011	0,300
CHR2	12070308	CHR2:12070308	SSF x Far_LoA	-6,8739185	0,052	0,307
CHR2	12070370	CHR2:12070370	SSF x Far_LoA	-10,7379212	0,002	0,315
CHR2	12070392	CHR2:12070392	SSF x Far_LoA	-6,97037597	0,105	0,317
CHR2	12070458	CHR2:12070458	SSF x Far_LoA	-5,01981055	-0,059	0,302
CHR2	12070461	CHR2:12070461	SSF x Far_LoA	-6,727146	-0,165	0,305
CHR2	12070465	CHR2:12070465	SSF x Far_LoA	-7,93331325	-0,135	0,298
CHR2	12070517	CHR2:12070517	SSF x Far_LoA	-10,5042665	0,013	0,299
CHR2	12070518	CHR2:12070518	SSF x Far_LoA	-8,81862562	0,018	0,305
CHR2	12070523	CHR2:12070523	SSF x Far_LoA	-6,12540883	-0,091	0,306
CHR2	12070558	CHR2:12070558	SSF x Far_LoA	-12,1111353	-0,008	0,298
CHR2	12070577	CHR2:12070577	SSF x Far_LoA	-8,23646603	-0,068	0,306
CHR2	12073151	CHR2:12073151	SSF x Far_LoA	-10,5997349	0,050	0,305
CHR2	12081573	CHR2:12081573	SSF x Far_LoA	-6,93819128	0,123	0,297
CHR2	12082950	CHR2:12082950	SSF x Far_LoA	-2,13887051	0,078	0,316
CHR2	12087487	CHR2:12087487	SSF x Far_LoA	-9,27636283	0,047	0,308
CHR2	12087535	CHR2:12087535	SSF x Far_LoA	-10,6187809	0,049	0,303
CHR2	12087568	CHR2:12087568	SSF x Far_LoA	-12,3032098	0,026	0,302
CHR2	12087707	CHR2:12087707	SSF x Far_LoA	-10,6845709	0,092	0,297
CHR2	12094389	CHR2:12094389	SSF x Far_LoA	-8,49086868	-0,028	0,313
CHR2	12094392	CHR2:12094392	SSF x Far_LoA	-8,18599501	-0,047	0,314
CHR2	12094442	CHR2:12094442	SSF x Far_LoA	-10,6082588	-0,018	0,312
CHR2	12094467	CHR2:12094467	SSF x Far_LoA	-10,640746	0,022	0,311
CHR2	12097839	CHR2:12097839	SSF x Far_LoA	-9,67419538	0,008	0,297
CHR2	12100966	CHR2:12100966	SSF x Far_LoA	-8,06290891	0,066	0,328
CHR2	12100971	CHR2:12100971	SSF x Far_LoA	-2,65390269	-0,160	0,298
CHR2	12101297	CHR2:12101297	SSF x Far_LoA	-10,3447012	0,004	0,313
CHR2	12105046	CHR2:12105046	SSF x Far_LoA	-7,29367917	0,032	0,314
CHR2	12105048	CHR2:12105048	SSF x Far_LoA	-10,2490224	0,046	0,311
CHR2	12108567	CHR2:12108567	SSF x Far_LoA	-9,08425149	-0,030	0,317
CHR2	12119563	CHR2:12119563	SSF x Far_LoA	-11,4680883	0,080	0,310
CHR2	12119564	CHR2:12119564	SSF x Far_LoA	-11,363416	0,082	0,309
CHR2	12119566	CHR2:12119566	SSF x Far_LoA	-12,2086293	0,059	0,296
CHR2	12119644	CHR2:12119644	SSF x Far_LoA	-6,69343718	0,102	0,304
CHR2	12121459	CHR2:12121459	SSF x Far_LoA	-9,18104069	0,093	0,298
CHR2	12121477	CHR2:12121477	SSF x Far_LoA	-10,4415505	0,076	0,307
CHR2	12121488	CHR2:12121488	SSF x Far_LoA	-7,93649147	0,139	0,275

CHR2	12121512	CHR2:12121512	SSF x Far_LoA	-8,26027188	0,036	0,292
CHR2	12121514	CHR2:12121514	SSF x Far_LoA	-9,26432368	0,017	0,304
CHR2	12121517	CHR2:12121517	SSF x Far_LoA	-9,85598757	0,053	0,289
CHR2	12121530	CHR2:12121530	SSF x Far_LoA	-8,61987112	-0,042	0,307
CHR2	12121546	CHR2:12121546	SSF x Far_LoA	-9,1595899	0,018	0,296
CHR2	12121556	CHR2:12121556	SSF x Far_LoA	-8,8691439	0,078	0,307
CHR2	12121559	CHR2:12121559	SSF x Far_LoA	-4,64586975	0,111	0,302
CHR2	12121567	CHR2:12121567	SSF x Far_LoA	-8,55874796	0,110	0,301
CHR2	12121573	CHR2:12121573	SSF x Far_LoA	-10,0516276	0,028	0,313
CHR2	12121576	CHR2:12121576	SSF x Far_LoA	-8,39601849	0,053	0,306
CHR2	12138252	CHR2:12138252	SSF x Far_LoA	-9,59352434	-0,078	0,314
CHR2	12138257	CHR2:12138257	SSF x Far_LoA	-8,2363781	0,060	0,308
CHR2	12138271	CHR2:12138271	SSF x Far_LoA	-9,23625257	0,055	0,308
CHR2	12138281	CHR2:12138281	SSF x Far_LoA	-10,6926066	0,025	0,293
CHR2	12138318	CHR2:12138318	SSF x Far_LoA	-8,6959138	0,051	0,309
CHR2	12138337	CHR2:12138337	SSF x Far_LoA	-8,945045	-0,020	0,312
CHR2	12138357	CHR2:12138357	SSF x Far_LoA	-9,72812735	-0,043	0,318
CHR2	12138366	CHR2:12138366	SSF x Far_LoA	-5,94601388	0,067	0,303
CHR2	12138370	CHR2:12138370	SSF x Far_LoA	-9,71983882	0,104	0,297
CHR2	12138375	CHR2:12138375	SSF x Far_LoA	-9,8070386	-0,100	0,303
CHR2	12149924	CHR2:12149924	SSF x Far_LoA	-9,32383605	0,076	0,304
CHR2	12149999	CHR2:12149999	SSF x Far_LoA	-7,13440338	-0,189	0,299
CHR2	12155831	CHR2:12155831	SSF x Far_LoA	-7,36843166	0,159	0,293
CHR2	12155953	CHR2:12155953	SSF x Far_LoA	-10,142104	-0,119	0,321
CHR2	12155994	CHR2:12155994	SSF x Far_LoA	-9,92667252	0,089	0,282
CHR2	12156005	CHR2:12156005	SSF x Far_LoA	-10,0078997	0,020	0,296
CHR2	12170231	CHR2:12170231	SSF x Far_LoA	-9,44219569	0,096	0,298
CHR2	12170352	CHR2:12170352	SSF x Far_LoA	-9,65896704	0,025	0,305
CHR2	12170366	CHR2:12170366	SSF x Far_LoA	-10,6032514	-0,098	0,298
CHR2	12170456	CHR2:12170456	SSF x Far_LoA	-11,5333422	-0,032	0,312
CHR2	12171808	CHR2:12171808	SSF x Far_LoA	-9,797744	0,069	0,285
CHR2	12171866	CHR2:12171866	SSF x Far_LoA	-11,5905347	0,057	0,301
CHR2	12177294	CHR2:12177294	SSF x Far_LoA	-8,18279964	-0,005	0,318
CHR2	12177310	CHR2:12177310	SSF x Far_LoA	-10,9573098	0,016	0,300
CHR2	12179731	CHR2:12179731	SSF x Far_LoA	-8,50105546	-0,062	0,314
CHR2	12179770	CHR2:12179770	SSF x Far_LoA	-5,54101042	-0,066	0,316
CHR2	12179863	CHR2:12179863	SSF x Far_LoA	-9,59803179	0,127	0,304
CHR2	12184448	CHR2:12184448	SSF x Far_LoA	-9,90164721	-0,118	0,301
CHR2	12184574	CHR2:12184574	SSF x Far_LoA	-8,91850349	0,057	0,307
CHR2	12184577	CHR2:12184577	SSF x Far_LoA	-9,0577864	0,061	0,312
CHR2	12184596	CHR2:12184596	SSF x Far_LoA	-10,2435615	0,042	0,304
CHR2	12184597	CHR2:12184597	SSF x Far_LoA	-10,1410484	0,029	0,310
CHR2	12184598	CHR2:12184598	SSF x Far_LoA	-8,51546014	0,049	0,307
CHR2	12184611	CHR2:12184611	SSF x Far_LoA	-9,89933815	0,095	0,305
CHR2	12184651	CHR2:12184651	SSF x Far_LoA	-9,94258395	-0,033	0,318
CHR2	12184653	CHR2:12184653	SSF x Far_LoA	-11,3920729	0,016	0,321
CHR2	12191395	CHR2:12191395	SSF x Far_LoA	-11,3252433	-0,031	0,291
CHR2	12191505	CHR2:12191505	SSF x Far_LoA	-12,3931	0,042	0,310
CHR2	12191543	CHR2:12191543	SSF x Far_LoA	-9,97029298	0,039	0,296
CHR2	12192473	CHR2:12192473	SSF x Far_LoA	-10,3280702	0,096	0,299
CHR2	12210212	CHR2:12210212	SSF x Far_LoA	-8,28789464	-0,048	0,306
CHR2	12212151	CHR2:12212151	SSF x Far_LoA	-8,82817966	0,047	0,302
CHR2	12212157	CHR2:12212157	SSF x Far_LoA	-9,2807302	0,082	0,303

CHR2	12212166	CHR2:12212166	SSF x Far_LoA	-10,2782832	0,102	0,316
CHR2	12212264	CHR2:12212264	SSF x Far_LoA	-8,86364722	0,025	0,295
CHR2	12212395	CHR2:12212395	SSF x Far_LoA	-10,0825856	0,131	0,292
CHR2	12224012	CHR2:12224012	SSF x Far_LoA	-10,464647	-0,004	0,319
CHR2	12224175	CHR2:12224175	SSF x Far_LoA	-7,33144448	-0,125	0,295
CHR2	12224205	CHR2:12224205	SSF x Far_LoA	-8,86562424	0,044	0,308
CHR2	12230878	CHR2:12230878	SSF x Far_LoA	-10,5284957	0,136	0,301
CHR2	12233994	CHR2:12233994	SSF x Far_LoA	-7,73007671	0,188	0,301
CHR2	12234033	CHR2:12234033	SSF x Far_LoA	-9,36782054	-0,044	0,294
CHR2	12234039	CHR2:12234039	SSF x Far_LoA	-9,04601138	-0,002	0,303
CHR2	12234117	CHR2:12234117	SSF x Far_LoA	-9,56665287	0,008	0,301
CHR2	12235665	CHR2:12235665	SSF x Far_LoA	-7,67164951	-0,048	0,295
CHR2	12235674	CHR2:12235674	SSF x Far_LoA	-10,3678339	-0,026	0,296
CHR2	12236475	CHR2:12236475	SSF x Far_LoA	-10,4797179	0,091	0,296
CHR2	12238451	CHR2:12238451	SSF x Far_LoA	-11,4193247	-0,014	0,316
CHR2	12238471	CHR2:12238471	SSF x Far_LoA	-10,269186	0,063	0,308
CHR2	12238472	CHR2:12238472	SSF x Far_LoA	-7,08174913	0,117	0,326
CHR2	12238529	CHR2:12238529	SSF x Far_LoA	-9,91891885	-0,014	0,299
CHR2	12238569	CHR2:12238569	SSF x Far_LoA	-9,48721072	-0,063	0,317
CHR2	12238590	CHR2:12238590	SSF x Far_LoA	-8,65658145	-0,079	0,310
CHR2	12238601	CHR2:12238601	SSF x Far_LoA	-7,56383213	-0,068	0,312
CHR2	12246200	CHR2:12246200	SSF x Far_LoA	-8,81501491	0,117	0,298
CHR2	12246365	CHR2:12246365	SSF x Far_LoA	-8,19551719	0,056	0,303
CHR2	12246464	CHR2:12246464	SSF x Far_LoA	-8,52620564	0,124	0,300
CHR2	12248526	CHR2:12248526	SSF x Far_LoA	-10,5319232	0,007	0,309
CHR2	12255939	CHR2:12255939	SSF x Far_LoA	-9,32726037	0,042	0,308
CHR2	12272046	CHR2:12272046	SSF x Far_LoA	-12,0684873	-0,022	0,310
CHR2	12272144	CHR2:12272144	SSF x Far_LoA	-8,84565851	0,022	0,300
CHR2	12280725	CHR2:12280725	SSF x Far_LoA	-11,2119521	0,079	0,304
CHR2	12298884	CHR2:12298884	SSF x Far_LoA	-4,23689176	-0,145	0,296
CHR2	12315328	CHR2:12315328	SSF x Far_LoA	-10,7444072	0,003	0,314
CHR2	12320337	CHR2:12320337	SSF x Far_LoA	-5,81398342	0,216	0,284
CHR2	12320352	CHR2:12320352	SSF x Far_LoA	-11,5549927	0,029	0,317
CHR2	12320353	CHR2:12320353	SSF x Far_LoA	-12,0110018	0,037	0,301
CHR2	12320381	CHR2:12320381	SSF x Far_LoA	-8,35616427	-0,105	0,312
CHR2	12320416	CHR2:12320416	SSF x Far_LoA	-7,82971647	-0,052	0,304
CHR2	12330056	CHR2:12330056	SSF x Far_LoA	-9,66415936	-0,080	0,297
CHR2	12338149	CHR2:12338149	SSF x Far_LoA	-7,93297748	-0,129	0,312
CHR2	12338203	CHR2:12338203	SSF x Far_LoA	-9,07437329	-0,086	0,299
CHR2	12338277	CHR2:12338277	SSF x Far_LoA	-9,53890485	-0,074	0,312
CHR2	12344915	CHR2:12344915	SSF x Far_LoA	-8,56740396	-0,068	0,312
CHR2	12348032	CHR2:12348032	SSF x Far_LoA	-7,74781628	-0,106	0,314
CHR2	12348035	CHR2:12348035	SSF x Far_LoA	-8,49043658	-0,088	0,298
CHR2	12348047	CHR2:12348047	SSF x Far_LoA	-9,76784991	0,004	0,311
CHR2	12348092	CHR2:12348092	SSF x Far_LoA	-10,5568274	0,017	0,305
CHR2	12348107	CHR2:12348107	SSF x Far_LoA	-8,29094478	-0,077	0,303
CHR2	12348108	CHR2:12348108	SSF x Far_LoA	-11,1215377	0,055	0,289
CHR2	12348145	CHR2:12348145	SSF x Far_LoA	-11,1899435	-0,069	0,306
CHR2	12348966	CHR2:12348966	SSF x Far_LoA	-6,80739982	0,201	0,292
CHR2	12350720	CHR2:12350720	SSF x Far_LoA	-10,9710105	0,125	0,299
CHR2	12350878	CHR2:12350878	SSF x Far_LoA	-11,9368585	0,036	0,310
CHR2	12357842	CHR2:12357842	SSF x Far_LoA	-9,59580639	-0,113	0,292
CHR2	12357851	CHR2:12357851	SSF x Far_LoA	-9,39898901	-0,177	0,306

CHR2	12357876	CHR2:12357876	SSF x Far_LoA	-9,84145534	0,027	0,318
CHR2	12357890	CHR2:12357890	SSF x Far_LoA	-10,6671033	-0,010	0,298
CHR2	12359925	CHR2:12359925	SSF x Far_LoA	-7,79101628	-0,096	0,307
CHR2	12359944	CHR2:12359944	SSF x Far_LoA	-6,06691182	0,135	0,309
CHR2	12359980	CHR2:12359980	SSF x Far_LoA	-10,208151	-0,045	0,320
CHR2	12359991	CHR2:12359991	SSF x Far_LoA	-9,17528419	-0,097	0,314
CHR2	12360044	CHR2:12360044	SSF x Far_LoA	-10,5324255	-0,035	0,293
CHR2	12360061	CHR2:12360061	SSF x Far_LoA	-9,55984515	-0,024	0,291
CHR2	12360064	CHR2:12360064	SSF x Far_LoA	-8,94651526	-0,021	0,296
CHR2	12360124	CHR2:12360124	SSF x Far_LoA	-8,33936048	-0,157	0,288
CHR2	12360132	CHR2:12360132	SSF x Far_LoA	-8,32659724	-0,150	0,305
CHR2	12366189	CHR2:12366189	SSF x Far_LoA	-7,97839683	-0,018	0,310
CHR2	12366217	CHR2:12366217	SSF x Far_LoA	-6,28766901	0,187	0,291
CHR2	12366241	CHR2:12366241	SSF x Far_LoA	-10,2049708	0,023	0,313
CHR2	12366412	CHR2:12366412	SSF x Far_LoA	-11,5290461	0,033	0,293
CHR2	12366448	CHR2:12366448	SSF x Far_LoA	-9,54900932	0,067	0,303
CHR2	12368438	CHR2:12368438	SSF x Far_LoA	-10,6795267	-0,035	0,310
CHR2	12368474	CHR2:12368474	SSF x Far_LoA	-9,43073404	0,035	0,309
CHR2	1237180	CHR2:1237180	SSF x Far_LoA	-9,61113259	0,057	0,298
CHR2	1237187	CHR2:1237187	SSF x Far_LoA	-5,46417991	-0,106	0,302
CHR2	1237194	CHR2:1237194	SSF x Far_LoA	-9,80260762	0,033	0,305
CHR2	1237202	CHR2:1237202	SSF x Far_LoA	-11,2859267	0,030	0,297
CHR2	1237245	CHR2:1237245	SSF x Far_LoA	-10,8275496	-0,105	0,301
CHR2	1237322	CHR2:1237322	SSF x Far_LoA	-9,99193028	-0,006	0,297
CHR2	1237348	CHR2:1237348	SSF x Far_LoA	-8,92929517	-0,131	0,313
CHR2	1237365	CHR2:1237365	SSF x Far_LoA	-10,6932198	0,111	0,292
CHR2	1237393	CHR2:1237393	SSF x Far_LoA	-8,17468742	0,008	0,318
CHR2	12374136	CHR2:12374136	SSF x Far_LoA	-12,2388828	0,013	0,299
CHR2	1237415	CHR2:1237415	SSF x Far_LoA	-7,47692451	0,108	0,298
CHR2	12374190	CHR2:12374190	SSF x Far_LoA	-8,24909319	-0,123	0,315
CHR2	12374192	CHR2:12374192	SSF x Far_LoA	-8,37042641	0,027	0,306
CHR2	12374201	CHR2:12374201	SSF x Far_LoA	-7,98685265	-0,042	0,316
CHR2	12374205	CHR2:12374205	SSF x Far_LoA	-7,98510094	-0,061	0,310
CHR2	12374241	CHR2:12374241	SSF x Far_LoA	-7,9148157	-0,023	0,309
CHR2	1237435	CHR2:1237435	SSF x Far_LoA	-6,32852759	-0,039	0,329
CHR2	12374436	CHR2:12374436	SSF x Far_LoA	-7,83080165	0,190	0,293
CHR2	12374519	CHR2:12374519	SSF x Far_LoA	-8,95756928	0,127	0,293
CHR2	12374549	CHR2:12374549	SSF x Far_LoA	-11,7571739	0,038	0,301
CHR2	1237516	CHR2:1237516	SSF x Far_LoA	-11,044739	0,022	0,308
CHR2	12375931	CHR2:12375931	SSF x Far_LoA	-8,5787872	-0,024	0,305
CHR2	12376079	CHR2:12376079	SSF x Far_LoA	-11,0183176	0,056	0,308
CHR2	12376082	CHR2:12376082	SSF x Far_LoA	-11,6368221	0,048	0,313
CHR2	12376094	CHR2:12376094	SSF x Far_LoA	-5,56639798	0,087	0,305
CHR2	12376095	CHR2:12376095	SSF x Far_LoA	-10,8815315	0,077	0,300
CHR2	12376107	CHR2:12376107	SSF x Far_LoA	-9,72898825	0,030	0,316
CHR2	12376109	CHR2:12376109	SSF x Far_LoA	-8,83364909	0,069	0,308
CHR2	12396531	CHR2:12396531	SSF x Far_LoA	-9,17817113	-0,099	0,301
CHR2	12396622	CHR2:12396622	SSF x Far_LoA	-9,48394836	-0,085	0,302
CHR2	12418457	CHR2:12418457	SSF x Far_LoA	-7,11421366	0,048	0,300
CHR2	12418459	CHR2:12418459	SSF x Far_LoA	-10,3382447	-0,084	0,301
CHR2	12418564	CHR2:12418564	SSF x Far_LoA	-6,85053895	-0,220	0,275
CHR2	12420772	CHR2:12420772	SSF x Far_LoA	-9,2904419	-0,035	0,295
CHR2	12420777	CHR2:12420777	SSF x Far_LoA	-9,44657202	0,043	0,302

CHR2	12420779	CHR2:12420779	SSF x Far_LoA	-8,29500706	0,033	0,310
CHR2	12420817	CHR2:12420817	SSF x Far_LoA	-9,70547023	0,023	0,312
CHR2	12420831	CHR2:12420831	SSF x Far_LoA	-10,1030905	0,048	0,293
CHR2	12420833	CHR2:12420833	SSF x Far_LoA	-9,83100761	0,003	0,312
CHR2	12420850	CHR2:12420850	SSF x Far_LoA	-8,0272269	0,036	0,310
CHR2	12422152	CHR2:12422152	SSF x Far_LoA	-9,18286847	-0,014	0,302
CHR2	12422156	CHR2:12422156	SSF x Far_LoA	-8,05055803	-0,021	0,302
CHR2	12422170	CHR2:12422170	SSF x Far_LoA	-9,34051733	0,054	0,309
CHR2	12422245	CHR2:12422245	SSF x Far_LoA	-8,94440995	0,042	0,310
CHR2	12428015	CHR2:12428015	SSF x Far_LoA	-10,6300047	0,102	0,307
CHR2	12428025	CHR2:12428025	SSF x Far_LoA	-11,3137916	0,054	0,322
CHR2	12428056	CHR2:12428056	SSF x Far_LoA	-8,10414354	-0,092	0,296
CHR2	12428060	CHR2:12428060	SSF x Far_LoA	-9,40654816	-0,029	0,329
CHR2	12429371	CHR2:12429371	SSF x Far_LoA	-1,33209503	-0,193	0,281
CHR2	12429403	CHR2:12429403	SSF x Far_LoA	-11,8222161	-0,024	0,310
CHR2	12429424	CHR2:12429424	SSF x Far_LoA	-9,19221289	-0,145	0,306
CHR2	12429444	CHR2:12429444	SSF x Far_LoA	-8,26363979	-0,044	0,295
CHR2	12429450	CHR2:12429450	SSF x Far_LoA	-3,1400609	-0,039	0,290
CHR2	12429453	CHR2:12429453	SSF x Far_LoA	-8,74231575	-0,050	0,293
CHR2	12436976	CHR2:12436976	SSF x Far_LoA	-8,57014281	0,035	0,312
CHR2	12446043	CHR2:12446043	SSF x Far_LoA	-9,88077474	0,083	0,305
CHR2	12446065	CHR2:12446065	SSF x Far_LoA	-9,26775119	-0,024	0,299
CHR2	12446121	CHR2:12446121	SSF x Far_LoA	-10,2244328	0,103	0,308
CHR2	12446122	CHR2:12446122	SSF x Far_LoA	-9,65499252	0,010	0,322
CHR2	12452239	CHR2:12452239	SSF x Far_LoA	-8,46733583	-0,157	0,303
CHR2	12452284	CHR2:12452284	SSF x Far_LoA	-8,69759224	-0,078	0,302
CHR2	12452333	CHR2:12452333	SSF x Far_LoA	-8,57296686	-0,043	0,299
CHR2	12456793	CHR2:12456793	SSF x Far_LoA	-2,95983402	-0,207	0,299
CHR2	12456823	CHR2:12456823	SSF x Far_LoA	-9,01863146	-0,202	0,301
CHR2	12456825	CHR2:12456825	SSF x Far_LoA	-10,0014143	0,020	0,316
CHR2	12456850	CHR2:12456850	SSF x Far_LoA	-10,5941659	0,040	0,321
CHR2	12456896	CHR2:12456896	SSF x Far_LoA	-10,280525	-0,011	0,305
CHR2	12456916	CHR2:12456916	SSF x Far_LoA	-8,99454715	-0,075	0,306
CHR2	12463284	CHR2:12463284	SSF x Far_LoA	-10,9008638	-0,052	0,306
CHR2	12463296	CHR2:12463296	SSF x Far_LoA	-7,73221945	-0,060	0,303
CHR2	12463425	CHR2:12463425	SSF x Far_LoA	-11,362023	0,051	0,300
CHR2	12463456	CHR2:12463456	SSF x Far_LoA	-11,1592375	-0,008	0,318
CHR2	12469017	CHR2:12469017	SSF x Far_LoA	-11,1327544	0,008	0,304
CHR2	12469027	CHR2:12469027	SSF x Far_LoA	-10,7421371	0,040	0,306
CHR2	12469043	CHR2:12469043	SSF x Far_LoA	-8,94654092	-0,101	0,313
CHR2	12469055	CHR2:12469055	SSF x Far_LoA	-7,50394587	-0,046	0,308
CHR2	12469063	CHR2:12469063	SSF x Far_LoA	-3,16159024	-0,008	0,309
CHR2	12469109	CHR2:12469109	SSF x Far_LoA	-10,0591875	0,029	0,301
CHR2	12469231	CHR2:12469231	SSF x Far_LoA	-11,674095	-0,035	0,301
CHR2	12469283	CHR2:12469283	SSF x Far_LoA	-8,16444369	0,111	0,291
CHR2	12485998	CHR2:12485998	SSF x Far_LoA	-8,73031682	0,019	0,307
CHR2	1250111	CHR2:1250111	SSF x Far_LoA	-8,29267516	-0,118	0,291
CHR2	12502683	CHR2:12502683	SSF x Far_LoA	-10,6619508	0,138	0,292
CHR2	1250269	CHR2:1250269	SSF x Far_LoA	-7,58210265	0,086	0,299
CHR2	1250329	CHR2:1250329	SSF x Far_LoA	-10,4379067	-0,041	0,310
CHR2	12518802	CHR2:12518802	SSF x Far_LoA	-11,786144	-0,006	0,310
CHR2	12519138	CHR2:12519138	SSF x Far_LoA	-10,7849589	-0,041	0,289
CHR2	12542722	CHR2:12542722	SSF x Far_LoA	-9,17993568	0,020	0,304

CHR2	12542812	CHR2:12542812	SSF x Far_LoA	-7,47770312	-0,166	0,307
CHR2	12544897	CHR2:12544897	SSF x Far_LoA	-8,90438017	0,070	0,309
CHR2	12544961	CHR2:12544961	SSF x Far_LoA	-10,7974938	-0,084	0,315
CHR2	12545005	CHR2:12545005	SSF x Far_LoA	-9,09975184	-0,037	0,313
CHR2	12545470	CHR2:12545470	SSF x Far_LoA	-9,27503882	0,056	0,321
CHR2	12547855	CHR2:12547855	SSF x Far_LoA	-9,39239965	-0,024	0,308
CHR2	12548189	CHR2:12548189	SSF x Far_LoA	-10,0536309	-0,079	0,322
CHR2	12548247	CHR2:12548247	SSF x Far_LoA	-6,63215695	-0,020	0,311
CHR2	12577690	CHR2:12577690	SSF x Far_LoA	-10,1252728	-0,089	0,300
CHR2	12577709	CHR2:12577709	SSF x Far_LoA	-10,0082044	-0,098	0,312
CHR2	12577710	CHR2:12577710	SSF x Far_LoA	-10,3620155	0,112	0,302
CHR2	12577735	CHR2:12577735	SSF x Far_LoA	-10,4818664	-0,001	0,310
CHR2	1258016	CHR2:1258016	SSF x Far_LoA	-9,9718467	-0,091	0,305
CHR2	12580257	CHR2:12580257	SSF x Far_LoA	-5,51533414	0,112	0,294
CHR2	12581258	CHR2:12581258	SSF x Far_LoA	-4,53348356	-0,074	0,304
CHR2	12581260	CHR2:12581260	SSF x Far_LoA	-10,0914691	-0,065	0,306
CHR2	12581327	CHR2:12581327	SSF x Far_LoA	-9,84301195	0,044	0,304
CHR2	12581388	CHR2:12581388	SSF x Far_LoA	9,95621145	0,131	0,298
CHR2	12588280	CHR2:12588280	SSF x Far_LoA	-10,1507494	0,073	0,305
CHR2	12588333	CHR2:12588333	SSF x Far_LoA	-8,68999231	0,005	0,304
CHR2	12588397	CHR2:12588397	SSF x Far_LoA	-10,9393645	-0,043	0,305
CHR2	12588399	CHR2:12588399	SSF x Far_LoA	-8,29057368	0,023	0,310
CHR2	12596545	CHR2:12596545	SSF x Far_LoA	-8,44947319	0,033	0,310
CHR2	12596599	CHR2:12596599	SSF x Far_LoA	-9,70387557	0,066	0,310
CHR2	12596670	CHR2:12596670	SSF x Far_LoA	-4,91486588	-0,059	0,322
CHR2	1260213	CHR2:1260213	SSF x Far_LoA	-11,5704719	-0,008	0,306
CHR2	12602226	CHR2:12602226	SSF x Far_LoA	-8,61843618	0,090	0,317
CHR2	12602428	CHR2:12602428	SSF x Far_LoA	-6,16495227	0,207	0,291
CHR2	12602456	CHR2:12602456	SSF x Far_LoA	-8,85645845	-0,001	0,299
CHR2	12602543	CHR2:12602543	SSF x Far_LoA	-9,09015736	-0,026	0,308
CHR2	1260283	CHR2:1260283	SSF x Far_LoA	-6,87167259	-0,104	0,303
CHR2	1260310	CHR2:1260310	SSF x Far_LoA	-9,32311196	-0,021	0,318
CHR2	1260319	CHR2:1260319	SSF x Far_LoA	-1,15654016	0,035	0,312
CHR2	1260327	CHR2:1260327	SSF x Far_LoA	-9,54174469	0,118	0,282
CHR2	1260331	CHR2:1260331	SSF x Far_LoA	-10,5639285	0,110	0,281
CHR2	12644091	CHR2:12644091	SSF x Far_LoA	-9,94568636	0,066	0,321
CHR2	12644169	CHR2:12644169	SSF x Far_LoA	-8,35923331	-0,014	0,307
CHR2	12644172	CHR2:12644172	SSF x Far_LoA	-10,3590759	-0,032	0,309
CHR2	12644180	CHR2:12644180	SSF x Far_LoA	-7,1144415	0,107	0,306
CHR2	12644191	CHR2:12644191	SSF x Far_LoA	-9,97724437	0,006	0,320
CHR2	12644211	CHR2:12644211	SSF x Far_LoA	-9,775696	-0,006	0,313
CHR2	12652012	CHR2:12652012	SSF x Far_LoA	-8,96560627	0,053	0,317
CHR2	12652135	CHR2:12652135	SSF x Far_LoA	-12,2227359	0,020	0,295
CHR2	12654240	CHR2:12654240	SSF x Far_LoA	-11,6893301	0,087	0,302
CHR2	12657577	CHR2:12657577	SSF x Far_LoA	-7,92966359	-0,057	0,299
CHR2	12657581	CHR2:12657581	SSF x Far_LoA	-7,26201592	-0,127	0,307
CHR2	12657583	CHR2:12657583	SSF x Far_LoA	-11,0297214	0,037	0,301
CHR2	12679005	CHR2:12679005	SSF x Far_LoA	-10,5689879	-0,006	0,310
CHR2	12679025	CHR2:12679025	SSF x Far_LoA	-9,03889692	0,012	0,300
CHR2	12679032	CHR2:12679032	SSF x Far_LoA	-7,99196383	0,067	0,307
CHR2	12679036	CHR2:12679036	SSF x Far_LoA	-9,09805007	-0,002	0,301
CHR2	12679042	CHR2:12679042	SSF x Far_LoA	-8,12336522	0,056	0,308
CHR2	12679049	CHR2:12679049	SSF x Far_LoA	-12,6562575	0,065	0,297

CHR2	12679056	CHR2:12679056	SSF x Far_LoA	-10,2509425	-0,011	0,295
CHR2	12679151	CHR2:12679151	SSF x Far_LoA	-9,27247836	0,000	0,307
CHR2	12679170	CHR2:12679170	SSF x Far_LoA	-11,6770418	-0,011	0,317
CHR2	12679175	CHR2:12679175	SSF x Far_LoA	-7,6601101	0,140	0,309
CHR2	12679191	CHR2:12679191	SSF x Far_LoA	-9,64466438	-0,045	0,302
CHR2	12679200	CHR2:12679200	SSF x Far_LoA	-7,89074545	0,132	0,296
CHR2	12679204	CHR2:12679204	SSF x Far_LoA	-11,6186736	0,049	0,288
CHR2	12679206	CHR2:12679206	SSF x Far_LoA	-9,71327548	0,076	0,308
CHR2	12679207	CHR2:12679207	SSF x Far_LoA	-5,8566344	0,151	0,298
CHR2	12694500	CHR2:12694500	SSF x Far_LoA	-4,01497335	0,206	0,299
CHR2	12694517	CHR2:12694517	SSF x Far_LoA	-8,81455807	0,052	0,305
CHR2	12694526	CHR2:12694526	SSF x Far_LoA	-9,27730387	0,056	0,314
CHR2	12694528	CHR2:12694528	SSF x Far_LoA	-8,57521982	0,143	0,298
CHR2	12694530	CHR2:12694530	SSF x Far_LoA	-9,47900827	0,196	0,300
CHR2	12694548	CHR2:12694548	SSF x Far_LoA	-10,3097877	0,120	0,294
CHR2	12694599	CHR2:12694599	SSF x Far_LoA	-8,81304057	0,166	0,291
CHR2	12694903	CHR2:12694903	SSF x Far_LoA	-9,02626351	0,090	0,310
CHR2	12694952	CHR2:12694952	SSF x Far_LoA	-12,1324665	0,022	0,310
CHR2	12694975	CHR2:12694975	SSF x Far_LoA	-10,2077135	0,042	0,312
CHR2	12701943	CHR2:12701943	SSF x Far_LoA	-9,92676961	-0,070	0,312
CHR2	12701971	CHR2:12701971	SSF x Far_LoA	-10,7857233	-0,046	0,296
CHR2	12701985	CHR2:12701985	SSF x Far_LoA	-9,85174529	0,003	0,313
CHR2	12701987	CHR2:12701987	SSF x Far_LoA	-12,0381053	-0,042	0,297
CHR2	12702009	CHR2:12702009	SSF x Far_LoA	-9,4506063	-0,076	0,301
CHR2	12702201	CHR2:12702201	SSF x Far_LoA	-10,4023003	-0,059	0,307
CHR2	12702203	CHR2:12702203	SSF x Far_LoA	-12,4824406	-0,026	0,292
CHR2	12702243	CHR2:12702243	SSF x Far_LoA	-8,62845685	-0,106	0,307
CHR2	12704044	CHR2:12704044	SSF x Far_LoA	-10,3065287	-0,024	0,306
CHR2	12704071	CHR2:12704071	SSF x Far_LoA	-9,36174389	-0,071	0,315
CHR2	12704209	CHR2:12704209	SSF x Far_LoA	-9,79653716	-0,016	0,310
CHR2	12704210	CHR2:12704210	SSF x Far_LoA	-9,8960575	-0,005	0,309
CHR2	12704242	CHR2:12704242	SSF x Far_LoA	-9,57416849	0,048	0,288
CHR2	12707041	CHR2:12707041	SSF x Far_LoA	-9,6853739	-0,112	0,307
CHR2	12707263	CHR2:12707263	SSF x Far_LoA	-10,4606853	0,012	0,299
CHR2	12708502	CHR2:12708502	SSF x Far_LoA	-8,64402813	-0,035	0,316
CHR2	12718288	CHR2:12718288	SSF x Far_LoA	-9,25416707	0,176	0,297
CHR2	12722728	CHR2:12722728	SSF x Far_LoA	-10,3733129	0,004	0,308
CHR2	12722773	CHR2:12722773	SSF x Far_LoA	-10,7555978	-0,009	0,300
CHR2	12722775	CHR2:12722775	SSF x Far_LoA	-9,3505381	-0,049	0,291
CHR2	12722788	CHR2:12722788	SSF x Far_LoA	-9,00983265	0,154	0,291
CHR2	12722844	CHR2:12722844	SSF x Far_LoA	-8,71298328	0,126	0,294
CHR2	12723016	CHR2:12723016	SSF x Far_LoA	-7,94786031	0,059	0,293
CHR2	12723025	CHR2:12723025	SSF x Far_LoA	-10,2465678	0,005	0,304
CHR2	12723079	CHR2:12723079	SSF x Far_LoA	-7,15073252	-0,032	0,307
CHR2	1272379	CHR2:1272379	SSF x Far_LoA	-9,19801826	0,064	0,301
CHR2	1272521	CHR2:1272521	SSF x Far_LoA	-10,3510886	-0,071	0,309
CHR2	12727075	CHR2:12727075	SSF x Far_LoA	-10,466747	0,032	0,315
CHR2	12727176	CHR2:12727176	SSF x Far_LoA	-8,51298928	0,040	0,309
CHR2	12727215	CHR2:12727215	SSF x Far_LoA	-8,86011603	-0,078	0,298
CHR2	12727253	CHR2:12727253	SSF x Far_LoA	-8,36222782	0,097	0,311
CHR2	12729096	CHR2:12729096	SSF x Far_LoA	-7,19929445	0,036	0,316
CHR2	12729118	CHR2:12729118	SSF x Far_LoA	-3,94695606	-0,235	0,290
CHR2	12729120	CHR2:12729120	SSF x Far_LoA	-5,12914237	-0,230	0,296

CHR2	12729126	CHR2:12729126	SSF x Far_LoA	-3,36368716	-0,235	0,296
CHR2	12729127	CHR2:12729127	SSF x Far_LoA	-3,58427502	-0,246	0,286
CHR2	12729227	CHR2:12729227	SSF x Far_LoA	-10,0202766	-0,028	0,304
CHR2	12729244	CHR2:12729244	SSF x Far_LoA	-7,38605238	-0,139	0,291
CHR2	12729326	CHR2:12729326	SSF x Far_LoA	-6,79920625	-0,108	0,308
CHR2	12731592	CHR2:12731592	SSF x Far_LoA	-7,75822586	0,103	0,315
CHR2	12731679	CHR2:12731679	SSF x Far_LoA	-8,02057859	0,080	0,316
CHR2	12737347	CHR2:12737347	SSF x Far_LoA	-9,89911633	0,003	0,296
CHR2	12737425	CHR2:12737425	SSF x Far_LoA	-7,95025807	-0,129	0,295
CHR2	12737467	CHR2:12737467	SSF x Far_LoA	-8,08662954	-0,148	0,299
CHR2	12737489	CHR2:12737489	SSF x Far_LoA	-7,66302647	-0,063	0,310
CHR2	12738875	CHR2:12738875	SSF x Far_LoA	-9,01181666	-0,043	0,304
CHR2	12738984	CHR2:12738984	SSF x Far_LoA	-11,273927	0,120	0,287
CHR2	12747062	CHR2:12747062	SSF x Far_LoA	-7,52284884	-0,076	0,315
CHR2	12747164	CHR2:12747164	SSF x Far_LoA	-8,38455675	-0,027	0,323
CHR2	12747718	CHR2:12747718	SSF x Far_LoA	-8,97252327	0,030	0,317
CHR2	1275435	CHR2:1275435	SSF x Far_LoA	-10,3652227	-0,068	0,312
CHR2	1275461	CHR2:1275461	SSF x Far_LoA	-9,49060342	-0,029	0,304
CHR2	1275469	CHR2:1275469	SSF x Far_LoA	-8,49906514	-0,148	0,316
CHR2	1275476	CHR2:1275476	SSF x Far_LoA	-7,74479235	-0,125	0,322
CHR2	1275480	CHR2:1275480	SSF x Far_LoA	-10,8816886	-0,069	0,308
CHR2	1275481	CHR2:1275481	SSF x Far_LoA	-7,24972884	-0,106	0,293
CHR2	1275503	CHR2:1275503	SSF x Far_LoA	-5,62213209	-0,138	0,312
CHR2	12766470	CHR2:12766470	SSF x Far_LoA	-8,98242067	0,057	0,323
CHR2	12766508	CHR2:12766508	SSF x Far_LoA	-10,4758635	-0,105	0,293
CHR2	12766512	CHR2:12766512	SSF x Far_LoA	-11,7565882	0,033	0,293
CHR2	12766539	CHR2:12766539	SSF x Far_LoA	-8,04008105	-0,100	0,308
CHR2	12766566	CHR2:12766566	SSF x Far_LoA	-8,47633743	-0,005	0,309
CHR2	12766571	CHR2:12766571	SSF x Far_LoA	-9,01171833	-0,013	0,303
CHR2	12766677	CHR2:12766677	SSF x Far_LoA	-11,1455765	-0,024	0,305
CHR2	12766686	CHR2:12766686	SSF x Far_LoA	-10,6919511	-0,023	0,307
CHR2	12766729	CHR2:12766729	SSF x Far_LoA	-8,22421114	0,076	0,303
CHR2	12766750	CHR2:12766750	SSF x Far_LoA	-11,436596	-0,086	0,314
CHR2	12768751	CHR2:12768751	SSF x Far_LoA	-5,82413135	0,112	0,303
CHR2	12768762	CHR2:12768762	SSF x Far_LoA	-10,5319024	0,083	0,303
CHR2	12768769	CHR2:12768769	SSF x Far_LoA	-0,2879809	-0,114	0,319
CHR2	12768797	CHR2:12768797	SSF x Far_LoA	-11,0676724	0,083	0,292
CHR2	1277918	CHR2:1277918	SSF x Far_LoA	-10,7538255	-0,025	0,308
CHR2	12787652	CHR2:12787652	SSF x Far_LoA	-9,52513152	0,119	0,298
CHR2	12787701	CHR2:12787701	SSF x Far_LoA	-9,76281014	0,024	0,308
CHR2	12787715	CHR2:12787715	SSF x Far_LoA	-6,1915685	-0,148	0,291
CHR2	12795428	CHR2:12795428	SSF x Far_LoA	-7,6233443	-0,076	0,317
CHR2	12795442	CHR2:12795442	SSF x Far_LoA	-6,78751341	-0,018	0,297
CHR2	12798426	CHR2:12798426	SSF x Far_LoA	-10,747682	-0,023	0,313
CHR2	12802009	CHR2:12802009	SSF x Far_LoA	-3,61613138	0,043	0,310
CHR2	12802094	CHR2:12802094	SSF x Far_LoA	-7,51471395	-0,132	0,311
CHR2	12802112	CHR2:12802112	SSF x Far_LoA	-11,47879	-0,088	0,307
CHR2	12802252	CHR2:12802252	SSF x Far_LoA	-6,1962059	0,162	0,296
CHR2	12821881	CHR2:12821881	SSF x Far_LoA	-10,3728504	0,155	0,302
CHR2	12822529	CHR2:12822529	SSF x Far_LoA	-10,8827897	-0,021	0,293
CHR2	12822531	CHR2:12822531	SSF x Far_LoA	-10,5643708	-0,048	0,315
CHR2	12822613	CHR2:12822613	SSF x Far_LoA	-10,6611748	-0,082	0,291
CHR2	12833298	CHR2:12833298	SSF x Far_LoA	-10,8583955	0,008	0,305

CHR2	12834279	CHR2:12834279	SSF x Far_LoA	-8,17071235	0,088	0,304
CHR2	12838587	CHR2:12838587	SSF x Far_LoA	-9,83713387	-0,056	0,306
CHR2	12838674	CHR2:12838674	SSF x Far_LoA	-7,28875062	-0,090	0,317
CHR2	12841916	CHR2:12841916	SSF x Far_LoA	-8,31532451	0,030	0,295
CHR2	12843303	CHR2:12843303	SSF x Far_LoA	-5,91628231	-0,058	0,303
CHR2	12845051	CHR2:12845051	SSF x Far_LoA	-9,98878747	0,039	0,307
CHR2	12845118	CHR2:12845118	SSF x Far_LoA	-11,4840898	0,015	0,310
CHR2	12850173	CHR2:12850173	SSF x Far_LoA	-8,55341608	-0,066	0,301
CHR2	12850197	CHR2:12850197	SSF x Far_LoA	-10,1109695	0,072	0,325
CHR2	12850252	CHR2:12850252	SSF x Far_LoA	-7,9108931	-0,090	0,314
CHR2	12850257	CHR2:12850257	SSF x Far_LoA	-11,8284554	0,014	0,307
CHR2	12850286	CHR2:12850286	SSF x Far_LoA	-9,97842518	-0,043	0,315
CHR2	12854178	CHR2:12854178	SSF x Far_LoA	-10,8749433	0,067	0,305
CHR2	12854227	CHR2:12854227	SSF x Far_LoA	-9,16608451	0,007	0,329
CHR2	12854302	CHR2:12854302	SSF x Far_LoA	-10,687651	0,054	0,307
CHR2	12870985	CHR2:12870985	SSF x Far_LoA	-8,224463	-0,185	0,291
CHR2	12870990	CHR2:12870990	SSF x Far_LoA	-9,99728755	0,042	0,308
CHR2	12871016	CHR2:12871016	SSF x Far_LoA	-9,27091446	0,105	0,312
CHR2	12871379	CHR2:12871379	SSF x Far_LoA	-7,91545663	-0,076	0,293
CHR2	12871385	CHR2:12871385	SSF x Far_LoA	-7,28917137	0,018	0,307
CHR2	12873019	CHR2:12873019	SSF x Far_LoA	-9,19874531	0,018	0,296
CHR2	12873073	CHR2:12873073	SSF x Far_LoA	-8,36601676	0,011	0,306
CHR2	12873151	CHR2:12873151	SSF x Far_LoA	-9,27620853	0,062	0,308
CHR2	12876398	CHR2:12876398	SSF x Far_LoA	-10,03181	-0,005	0,304
CHR2	12876485	CHR2:12876485	SSF x Far_LoA	-10,1957254	-0,079	0,308
CHR2	12876505	CHR2:12876505	SSF x Far_LoA	-7,28490585	-0,039	0,324
CHR2	12876547	CHR2:12876547	SSF x Far_LoA	-10,3095485	-0,089	0,311
CHR2	12880158	CHR2:12880158	SSF x Far_LoA	-8,82616349	0,047	0,305
CHR2	12892176	CHR2:12892176	SSF x Far_LoA	-11,4249216	0,001	0,304
CHR2	12895217	CHR2:12895217	SSF x Far_LoA	-5,19656902	0,154	0,313
CHR2	12895276	CHR2:12895276	SSF x Far_LoA	-8,20929205	0,129	0,300
CHR2	12895356	CHR2:12895356	SSF x Far_LoA	-9,90261435	-0,071	0,314
CHR2	12911357	CHR2:12911357	SSF x Far_LoA	-9,58489048	0,004	0,318
CHR2	12911438	CHR2:12911438	SSF x Far_LoA	-11,866541	0,070	0,305
CHR2	12911605	CHR2:12911605	SSF x Far_LoA	-10,059685	0,067	0,305
CHR2	12911617	CHR2:12911617	SSF x Far_LoA	-10,0230409	0,072	0,319
CHR2	12911629	CHR2:12911629	SSF x Far_LoA	-7,8606834	0,115	0,306
CHR2	12918029	CHR2:12918029	SSF x Far_LoA	-9,59417515	-0,012	0,293
CHR2	12918037	CHR2:12918037	SSF x Far_LoA	-11,1179114	-0,058	0,301
CHR2	12932426	CHR2:12932426	SSF x Far_LoA	-11,1605892	0,062	0,308
CHR2	12932430	CHR2:12932430	SSF x Far_LoA	-8,22747224	-0,107	0,298
CHR2	12932447	CHR2:12932447	SSF x Far_LoA	-8,81797026	-0,079	0,298
CHR2	12937622	CHR2:12937622	SSF x Far_LoA	-10,9359788	-0,049	0,319
CHR2	12938833	CHR2:12938833	SSF x Far_LoA	-10,2319245	0,076	0,295
CHR2	12938860	CHR2:12938860	SSF x Far_LoA	-9,7851583	-0,051	0,316
CHR2	12938879	CHR2:12938879	SSF x Far_LoA	-9,52826719	-0,002	0,299
CHR2	12938946	CHR2:12938946	SSF x Far_LoA	-9,78337861	0,072	0,296
CHR2	12947452	CHR2:12947452	SSF x Far_LoA	-8,56200124	-0,200	0,305
CHR2	12947462	CHR2:12947462	SSF x Far_LoA	-9,16851596	0,111	0,315
CHR2	12947466	CHR2:12947466	SSF x Far_LoA	-10,4292296	-0,079	0,320
CHR2	12947506	CHR2:12947506	SSF x Far_LoA	-11,6230671	0,005	0,311
CHR2	1295578	CHR2:1295578	SSF x Far_LoA	-9,75430633	0,060	0,307
CHR2	1295581	CHR2:1295581	SSF x Far_LoA	-7,46413591	-0,034	0,303

CHR2	12957423	CHR2:12957423	SSF x Far_LoA	-10,2709034	-0,001	0,310
CHR2	12957426	CHR2:12957426	SSF x Far_LoA	-9,86128015	-0,036	0,317
CHR2	12957429	CHR2:12957429	SSF x Far_LoA	-9,17874539	-0,024	0,298
CHR2	12957462	CHR2:12957462	SSF x Far_LoA	-6,29104679	0,099	0,318
CHR2	12968325	CHR2:12968325	SSF x Far_LoA	-8,89704468	0,123	0,292
CHR2	1297297	CHR2:1297297	SSF x Far_LoA	-9,49698417	-0,009	0,311
CHR2	1297304	CHR2:1297304	SSF x Far_LoA	-8,82386661	-0,069	0,305
CHR2	1297379	CHR2:1297379	SSF x Far_LoA	-11,534416	0,048	0,312
CHR2	1297387	CHR2:1297387	SSF x Far_LoA	-10,335246	0,025	0,320
CHR2	1297397	CHR2:1297397	SSF x Far_LoA	-10,4833459	0,063	0,318
CHR2	12974740	CHR2:12974740	SSF x Far_LoA	-7,57253777	0,100	0,305
CHR2	12974817	CHR2:12974817	SSF x Far_LoA	-6,37378162	0,171	0,293
CHR2	12974843	CHR2:12974843	SSF x Far_LoA	-7,91871907	0,151	0,299
CHR2	12974845	CHR2:12974845	SSF x Far_LoA	-10,5035449	-0,021	0,306
CHR2	12974853	CHR2:12974853	SSF x Far_LoA	-7,03305943	0,154	0,299
CHR2	12974860	CHR2:12974860	SSF x Far_LoA	-9,87806642	0,050	0,310
CHR2	12974865	CHR2:12974865	SSF x Far_LoA	-12,3612801	0,005	0,296
CHR2	12974890	CHR2:12974890	SSF x Far_LoA	-11,0496901	0,047	0,306
CHR2	12974893	CHR2:12974893	SSF x Far_LoA	-12,2086825	0,069	0,293
CHR2	12974909	CHR2:12974909	SSF x Far_LoA	-8,68847135	0,115	0,298
CHR2	12974910	CHR2:12974910	SSF x Far_LoA	-6,3467638	0,131	0,305
CHR2	12974921	CHR2:12974921	SSF x Far_LoA	-9,75585014	-0,060	0,286
CHR2	12974957	CHR2:12974957	SSF x Far_LoA	-10,6955039	0,141	0,288
CHR2	12974958	CHR2:12974958	SSF x Far_LoA	-8,99536189	0,104	0,302
CHR2	12974960	CHR2:12974960	SSF x Far_LoA	-7,37085091	0,130	0,301
CHR2	12974961	CHR2:12974961	SSF x Far_LoA	-9,95122959	0,106	0,295
CHR2	12974970	CHR2:12974970	SSF x Far_LoA	-6,32406719	0,101	0,301
CHR2	12974971	CHR2:12974971	SSF x Far_LoA	-10,6498283	0,134	0,291
CHR2	12975001	CHR2:12975001	SSF x Far_LoA	-7,45280406	0,123	0,304
CHR2	12975020	CHR2:12975020	SSF x Far_LoA	-8,39750119	-0,119	0,300
CHR2	12975025	CHR2:12975025	SSF x Far_LoA	-8,27104403	0,060	0,297
CHR2	12975094	CHR2:12975094	SSF x Far_LoA	-10,2551731	-0,045	0,308
CHR2	1297535	CHR2:1297535	SSF x Far_LoA	-8,80072518	-0,031	0,309
CHR2	12985060	CHR2:12985060	SSF x Far_LoA	-7,96123531	0,021	0,307
CHR2	12985068	CHR2:12985068	SSF x Far_LoA	-8,71050365	-0,029	0,311
CHR2	12985073	CHR2:12985073	SSF x Far_LoA	-7,22617675	0,061	0,310
CHR2	12985088	CHR2:12985088	SSF x Far_LoA	-12,3222497	-0,001	0,299
CHR2	12985089	CHR2:12985089	SSF x Far_LoA	-12,0594542	0,014	0,312
CHR2	12985107	CHR2:12985107	SSF x Far_LoA	-8,84153405	0,139	0,287
CHR2	12985109	CHR2:12985109	SSF x Far_LoA	-9,67568723	0,110	0,302
CHR2	12985115	CHR2:12985115	SSF x Far_LoA	-9,8078648	0,079	0,294
CHR2	12985133	CHR2:12985133	SSF x Far_LoA	-10,9838786	-0,013	0,298
CHR2	12985163	CHR2:12985163	SSF x Far_LoA	-9,6609396	0,089	0,293
CHR2	13012314	CHR2:13012314	SSF x Far_LoA	-10,0847554	0,052	0,327
CHR2	13013542	CHR2:13013542	SSF x Far_LoA	-8,71053922	0,070	0,311
CHR2	13038239	CHR2:13038239	SSF x Far_LoA	-9,47356267	-0,037	0,301
CHR2	13038309	CHR2:13038309	SSF x Far_LoA	-11,3142217	0,152	0,293
CHR2	13047877	CHR2:13047877	SSF x Far_LoA	-5,64471782	0,075	0,307
CHR2	13048688	CHR2:13048688	SSF x Far_LoA	-8,05810154	0,101	0,293
CHR2	13049856	CHR2:13049856	SSF x Far_LoA	-11,3004651	-0,011	0,308
CHR2	13049898	CHR2:13049898	SSF x Far_LoA	-8,93495257	-0,004	0,323
CHR2	13050011	CHR2:13050011	SSF x Far_LoA	-6,49616797	0,054	0,313
CHR2	13057044	CHR2:13057044	SSF x Far_LoA	-2,08994045	-0,183	0,295

CHR2	13057045	CHR2:13057045	SSF x Far_LoA	-8,76539842	0,161	0,309
CHR2	13106559	CHR2:13106559	SSF x Far_LoA	-9,81539547	-0,011	0,321
CHR2	13106606	CHR2:13106606	SSF x Far_LoA	-7,69165844	-0,042	0,308
CHR2	13106617	CHR2:13106617	SSF x Far_LoA	-10,5664438	-0,059	0,288
CHR2	13106699	CHR2:13106699	SSF x Far_LoA	-8,50113097	0,070	0,308
CHR2	13106707	CHR2:13106707	SSF x Far_LoA	-9,40370622	0,026	0,312
CHR2	13107710	CHR2:13107710	SSF x Far_LoA	-11,2887111	-0,068	0,301
CHR2	13107739	CHR2:13107739	SSF x Far_LoA	-5,0346473	-0,046	0,301
CHR2	13111979	CHR2:13111979	SSF x Far_LoA	-11,6637861	0,056	0,307
CHR2	13112074	CHR2:13112074	SSF x Far_LoA	-11,2585416	-0,002	0,313
CHR2	13113618	CHR2:13113618	SSF x Far_LoA	-9,06466004	0,044	0,307
CHR2	13114913	CHR2:13114913	SSF x Far_LoA	-9,87983983	0,025	0,311
CHR2	13114916	CHR2:13114916	SSF x Far_LoA	-11,1231996	-0,049	0,305
CHR2	13115249	CHR2:13115249	SSF x Far_LoA	-9,37549232	0,080	0,314
CHR2	13115316	CHR2:13115316	SSF x Far_LoA	-8,909432	-0,116	0,303
CHR2	13115327	CHR2:13115327	SSF x Far_LoA	-11,3477528	0,041	0,302
CHR2	13116799	CHR2:13116799	SSF x Far_LoA	-8,72925646	0,036	0,308
CHR2	13116814	CHR2:13116814	SSF x Far_LoA	-9,61452038	0,029	0,309
CHR2	13116846	CHR2:13116846	SSF x Far_LoA	-10,8403956	-0,078	0,308
CHR2	13116982	CHR2:13116982	SSF x Far_LoA	-8,83670783	-0,022	0,304
CHR2	13156322	CHR2:13156322	SSF x Far_LoA	-4,38128547	-0,088	0,319
CHR2	13163895	CHR2:13163895	SSF x Far_LoA	-10,1503919	0,059	0,309
CHR2	13163925	CHR2:13163925	SSF x Far_LoA	-9,17365456	0,029	0,312
CHR2	13164536	CHR2:13164536	SSF x Far_LoA	-8,54718826	-0,103	0,301
CHR2	13164558	CHR2:13164558	SSF x Far_LoA	-10,2749454	0,015	0,301
CHR2	13164572	CHR2:13164572	SSF x Far_LoA	-8,82043225	-0,067	0,319
CHR2	13165420	CHR2:13165420	SSF x Far_LoA	-4,70591716	-0,079	0,316
CHR2	13165423	CHR2:13165423	SSF x Far_LoA	-9,11619317	0,067	0,306
CHR2	13165478	CHR2:13165478	SSF x Far_LoA	-11,1193041	-0,033	0,306
CHR2	13165535	CHR2:13165535	SSF x Far_LoA	-10,7453757	0,005	0,304
CHR2	13165609	CHR2:13165609	SSF x Far_LoA	-8,9128601	0,050	0,298
CHR2	13167383	CHR2:13167383	SSF x Far_LoA	-10,2165577	-0,052	0,306
CHR2	13170988	CHR2:13170988	SSF x Far_LoA	-10,04376	0,090	0,296
CHR2	13186458	CHR2:13186458	SSF x Far_LoA	-10,4224727	-0,083	0,301
CHR2	13189179	CHR2:13189179	SSF x Far_LoA	-8,013876	0,014	0,322
CHR2	13189180	CHR2:13189180	SSF x Far_LoA	-9,36112541	0,025	0,313
CHR2	13189241	CHR2:13189241	SSF x Far_LoA	-9,41677155	0,009	0,305
CHR2	13189307	CHR2:13189307	SSF x Far_LoA	-8,93610798	-0,034	0,308
CHR2	13189337	CHR2:13189337	SSF x Far_LoA	-9,66088099	-0,003	0,296
CHR2	13189340	CHR2:13189340	SSF x Far_LoA	-10,0585757	0,141	0,307
CHR2	13189391	CHR2:13189391	SSF x Far_LoA	-9,87742432	-0,062	0,297
CHR2	13204771	CHR2:13204771	SSF x Far_LoA	-9,35630078	0,007	0,305
CHR2	13204774	CHR2:13204774	SSF x Far_LoA	-10,6784364	-0,007	0,310
CHR2	13204824	CHR2:13204824	SSF x Far_LoA	-11,5525926	-0,057	0,303
CHR2	13204880	CHR2:13204880	SSF x Far_LoA	-8,56967473	0,009	0,304
CHR2	13204920	CHR2:13204920	SSF x Far_LoA	-8,51680807	-0,023	0,306
CHR2	13209509	CHR2:13209509	SSF x Far_LoA	-9,43966729	0,096	0,311
CHR2	13209515	CHR2:13209515	SSF x Far_LoA	-8,69673008	0,088	0,298
CHR2	13209548	CHR2:13209548	SSF x Far_LoA	-8,87562619	0,019	0,306
CHR2	13213912	CHR2:13213912	SSF x Far_LoA	-11,2824242	-0,075	0,300
CHR2	13213923	CHR2:13213923	SSF x Far_LoA	-8,66948192	-0,066	0,302
CHR2	13213941	CHR2:13213941	SSF x Far_LoA	-8,33020722	-0,104	0,300
CHR2	13214008	CHR2:13214008	SSF x Far_LoA	-9,3535397	0,020	0,310

CHR2	13214015	CHR2:13214015	SSF x Far_LoA	-8,23398916	0,005	0,312
CHR2	13214018	CHR2:13214018	SSF x Far_LoA	-9,08076255	-0,003	0,310
CHR2	13214025	CHR2:13214025	SSF x Far_LoA	-9,56574363	0,027	0,313
CHR2	13214075	CHR2:13214075	SSF x Far_LoA	-6,56519807	-0,063	0,309
CHR2	13214076	CHR2:13214076	SSF x Far_LoA	-11,0106096	0,059	0,298
CHR2	13216577	CHR2:13216577	SSF x Far_LoA	-9,6690269	-0,060	0,318
CHR2	13232065	CHR2:13232065	SSF x Far_LoA	-5,86536569	-0,205	0,302
CHR2	13232068	CHR2:13232068	SSF x Far_LoA	-8,36365714	0,127	0,288
CHR2	13232084	CHR2:13232084	SSF x Far_LoA	-9,15598578	0,027	0,303
CHR2	13241115	CHR2:13241115	SSF x Far_LoA	-6,11908873	0,007	0,307
CHR2	13249710	CHR2:13249710	SSF x Far_LoA	-10,8415967	-0,036	0,309
CHR2	13249741	CHR2:13249741	SSF x Far_LoA	-9,51791129	-0,005	0,306
CHR2	13252728	CHR2:13252728	SSF x Far_LoA	-9,15033831	0,000	0,299
CHR2	13252881	CHR2:13252881	SSF x Far_LoA	-8,70783721	-0,028	0,311
CHR2	13278466	CHR2:13278466	SSF x Far_LoA	-10,9330576	-0,036	0,311
CHR2	13305446	CHR2:13305446	SSF x Far_LoA	-9,21236682	-0,131	0,313
CHR2	13305622	CHR2:13305622	SSF x Far_LoA	-7,58433842	-0,037	0,308
CHR2	13330559	CHR2:13330559	SSF x Far_LoA	-8,26915205	-0,083	0,313
CHR2	13330560	CHR2:13330560	SSF x Far_LoA	-7,58144387	-0,074	0,307
CHR2	13330588	CHR2:13330588	SSF x Far_LoA	-8,43228372	0,028	0,327
CHR2	13331696	CHR2:13331696	SSF x Far_LoA	-7,90130132	0,055	0,309
CHR2	13331716	CHR2:13331716	SSF x Far_LoA	-8,46008594	0,053	0,315
CHR2	13338975	CHR2:13338975	SSF x Far_LoA	-8,31958696	0,157	0,291
CHR2	13339005	CHR2:13339005	SSF x Far_LoA	-9,3792738	0,017	0,312
CHR2	13342275	CHR2:13342275	SSF x Far_LoA	-8,48192478	-0,080	0,318
CHR2	13342820	CHR2:13342820	SSF x Far_LoA	-10,1802743	0,029	0,308
CHR2	13344742	CHR2:13344742	SSF x Far_LoA	-7,54694002	-0,053	0,311
CHR2	13344793	CHR2:13344793	SSF x Far_LoA	-12,0767551	0,034	0,297
CHR2	13344888	CHR2:13344888	SSF x Far_LoA	-10,1563939	-0,071	0,311
CHR2	13344936	CHR2:13344936	SSF x Far_LoA	-7,69411108	-0,045	0,309
CHR2	13344999	CHR2:13344999	SSF x Far_LoA	-9,30804105	0,051	0,310
CHR2	13353166	CHR2:13353166	SSF x Far_LoA	-10,0339072	0,077	0,304
CHR2	13353182	CHR2:13353182	SSF x Far_LoA	-9,78898013	0,056	0,302
CHR2	13353232	CHR2:13353232	SSF x Far_LoA	-7,86287787	0,082	0,295
CHR2	13355037	CHR2:13355037	SSF x Far_LoA	-8,03625203	-0,018	0,303
CHR2	13355038	CHR2:13355038	SSF x Far_LoA	-9,86179552	0,034	0,318
CHR2	13355043	CHR2:13355043	SSF x Far_LoA	-5,46694574	0,167	0,299
CHR2	13355046	CHR2:13355046	SSF x Far_LoA	1,58305717	0,155	0,311
CHR2	13355070	CHR2:13355070	SSF x Far_LoA	-10,4706895	0,135	0,301
CHR2	13356015	CHR2:13356015	SSF x Far_LoA	-5,25623262	0,175	0,309
CHR2	13356228	CHR2:13356228	SSF x Far_LoA	-9,09483864	-0,005	0,316
CHR2	13356229	CHR2:13356229	SSF x Far_LoA	-8,11837708	-0,018	0,314
CHR2	13356288	CHR2:13356288	SSF x Far_LoA	-11,8264081	0,025	0,322
CHR2	13358379	CHR2:13358379	SSF x Far_LoA	-10,3298003	0,013	0,306
CHR2	13358380	CHR2:13358380	SSF x Far_LoA	-9,97387867	0,078	0,305
CHR2	13359059	CHR2:13359059	SSF x Far_LoA	-7,79837284	-0,095	0,313
CHR2	13364321	CHR2:13364321	SSF x Far_LoA	-10,3581529	-0,026	0,300
CHR2	13364374	CHR2:13364374	SSF x Far_LoA	-9,65498937	0,052	0,288
CHR2	13365182	CHR2:13365182	SSF x Far_LoA	-10,3904879	-0,073	0,305
CHR2	13365199	CHR2:13365199	SSF x Far_LoA	-11,6451552	0,034	0,309
CHR2	13365241	CHR2:13365241	SSF x Far_LoA	-11,3281457	0,020	0,308
CHR2	13365292	CHR2:13365292	SSF x Far_LoA	-10,0796443	0,033	0,315
CHR2	13367881	CHR2:13367881	SSF x Far_LoA	-11,5730572	0,007	0,303

CHR2	13367882	CHR2:13367882	SSF x Far_LoA	-11,2930159	0,014	0,309
CHR2	13367966	CHR2:13367966	SSF x Far_LoA	-9,17613533	0,036	0,310
CHR2	13377341	CHR2:13377341	SSF x Far_LoA	-7,919973	-0,050	0,314
CHR2	1337807	CHR2:1337807	SSF x Far_LoA	-10,27762	0,078	0,314
CHR2	1338970	CHR2:1338970	SSF x Far_LoA	-7,81138198	0,152	0,299
CHR2	1338979	CHR2:1338979	SSF x Far_LoA	-9,02440228	0,119	0,299
CHR2	1339010	CHR2:1339010	SSF x Far_LoA	-8,25989837	-0,099	0,302
CHR2	1339011	CHR2:1339011	SSF x Far_LoA	-7,54446395	-0,134	0,302
CHR2	13390250	CHR2:13390250	SSF x Far_LoA	-10,3409753	0,068	0,312
CHR2	13390390	CHR2:13390390	SSF x Far_LoA	-9,13821188	-0,073	0,310
CHR2	1339079	CHR2:1339079	SSF x Far_LoA	-8,03253512	-0,110	0,303
CHR2	1339100	CHR2:1339100	SSF x Far_LoA	-9,2787197	-0,058	0,311
CHR2	13391842	CHR2:13391842	SSF x Far_LoA	-10,0802172	-0,048	0,296
CHR2	13393219	CHR2:13393219	SSF x Far_LoA	-10,6640953	0,029	0,296
CHR2	13393228	CHR2:13393228	SSF x Far_LoA	-12,2836518	0,019	0,304
CHR2	13393308	CHR2:13393308	SSF x Far_LoA	-10,3965172	-0,133	0,301
CHR2	13398967	CHR2:13398967	SSF x Far_LoA	-8,43000455	-0,031	0,323
CHR2	13399026	CHR2:13399026	SSF x Far_LoA	-10,0383985	-0,088	0,316
CHR2	13399028	CHR2:13399028	SSF x Far_LoA	-8,09846513	-0,015	0,300
CHR2	13399031	CHR2:13399031	SSF x Far_LoA	-10,5962487	-0,024	0,317
CHR2	13399032	CHR2:13399032	SSF x Far_LoA	-9,74193953	-0,015	0,312
CHR2	13399089	CHR2:13399089	SSF x Far_LoA	-8,66279649	-0,045	0,297
CHR2	13400796	CHR2:13400796	SSF x Far_LoA	-8,56911647	-0,098	0,315
CHR2	13400804	CHR2:13400804	SSF x Far_LoA	-10,7949884	0,079	0,299
CHR2	13400831	CHR2:13400831	SSF x Far_LoA	-3,54985741	0,106	0,297
CHR2	13400834	CHR2:13400834	SSF x Far_LoA	-11,6418701	0,071	0,315
CHR2	13400835	CHR2:13400835	SSF x Far_LoA	-9,43142354	-0,091	0,321
CHR2	13400842	CHR2:13400842	SSF x Far_LoA	-6,80344075	-0,034	0,327
CHR2	13400844	CHR2:13400844	SSF x Far_LoA	-7,95425523	-0,015	0,306
CHR2	13400854	CHR2:13400854	SSF x Far_LoA	-10,6860707	-0,005	0,309
CHR2	13400858	CHR2:13400858	SSF x Far_LoA	-10,3967034	-0,081	0,314
CHR2	13400861	CHR2:13400861	SSF x Far_LoA	-8,82576111	-0,027	0,318
CHR2	13400876	CHR2:13400876	SSF x Far_LoA	-8,78952019	0,078	0,305
CHR2	13400910	CHR2:13400910	SSF x Far_LoA	-7,8839402	-0,066	0,310
CHR2	13401004	CHR2:13401004	SSF x Far_LoA	-7,31487383	0,008	0,318
CHR2	13401006	CHR2:13401006	SSF x Far_LoA	-11,0393812	-0,007	0,310
CHR2	13401009	CHR2:13401009	SSF x Far_LoA	-8,58227561	0,034	0,305
CHR2	13401109	CHR2:13401109	SSF x Far_LoA	-10,2134881	-0,041	0,304
CHR2	13401114	CHR2:13401114	SSF x Far_LoA	-11,2874622	-0,035	0,309
CHR2	13403238	CHR2:13403238	SSF x Far_LoA	-8,06458943	-0,077	0,316
CHR2	13403297	CHR2:13403297	SSF x Far_LoA	-10,0153985	0,028	0,314
CHR2	13403345	CHR2:13403345	SSF x Far_LoA	-8,82004008	0,072	0,305
CHR2	13405212	CHR2:13405212	SSF x Far_LoA	-10,4357637	-0,078	0,304
CHR2	13405258	CHR2:13405258	SSF x Far_LoA	-8,8623005	-0,017	0,298
CHR2	13405312	CHR2:13405312	SSF x Far_LoA	-9,02580039	0,128	0,300
CHR2	1341253	CHR2:1341253	SSF x Far_LoA	-8,49337354	0,130	0,290
CHR2	1341295	CHR2:1341295	SSF x Far_LoA	-3,82237369	-0,137	0,315
CHR2	1341389	CHR2:1341389	SSF x Far_LoA	-8,91584424	-0,106	0,295
CHR2	13420433	CHR2:13420433	SSF x Far_LoA	-7,38965627	-0,083	0,299
CHR2	13422536	CHR2:13422536	SSF x Far_LoA	-8,46464323	-0,043	0,306
CHR2	13425116	CHR2:13425116	SSF x Far_LoA	-9,46701387	-0,074	0,301
CHR2	13425136	CHR2:13425136	SSF x Far_LoA	-7,34256702	0,167	0,292
CHR2	13425178	CHR2:13425178	SSF x Far_LoA	-8,9822659	-0,092	0,313

CHR2	13425185	CHR2:13425185	SSF x Far_LoA	-8,49945802	-0,112	0,292
CHR2	13425194	CHR2:13425194	SSF x Far_LoA	-8,04791708	-0,124	0,297
CHR2	13425195	CHR2:13425195	SSF x Far_LoA	-2,66514119	0,140	0,294
CHR2	13425214	CHR2:13425214	SSF x Far_LoA	-9,57882739	0,084	0,297
CHR2	13425247	CHR2:13425247	SSF x Far_LoA	-8,19145862	0,044	0,302
CHR2	13426564	CHR2:13426564	SSF x Far_LoA	-9,75516999	-0,051	0,288
CHR2	13436424	CHR2:13436424	SSF x Far_LoA	-8,82716358	0,098	0,310
CHR2	13436458	CHR2:13436458	SSF x Far_LoA	-8,43105287	0,049	0,306
CHR2	13436593	CHR2:13436593	SSF x Far_LoA	-8,39278512	0,029	0,317
CHR2	13436675	CHR2:13436675	SSF x Far_LoA	-6,71121782	-0,052	0,311
CHR2	13436682	CHR2:13436682	SSF x Far_LoA	-6,80127439	-0,071	0,300
CHR2	13436688	CHR2:13436688	SSF x Far_LoA	-6,89987747	-0,063	0,308
CHR2	13436689	CHR2:13436689	SSF x Far_LoA	-10,1990619	0,069	0,307
CHR2	13453163	CHR2:13453163	SSF x Far_LoA	-10,7200861	-0,066	0,317
CHR2	13453164	CHR2:13453164	SSF x Far_LoA	-9,30304032	0,072	0,297
CHR2	13453174	CHR2:13453174	SSF x Far_LoA	-7,66090315	0,010	0,310
CHR2	13453201	CHR2:13453201	SSF x Far_LoA	-11,6038133	0,022	0,286
CHR2	13453207	CHR2:13453207	SSF x Far_LoA	-9,65793255	0,062	0,312
CHR2	13453261	CHR2:13453261	SSF x Far_LoA	-8,98864719	0,109	0,310
CHR2	13457328	CHR2:13457328	SSF x Far_LoA	-8,44683824	0,041	0,310
CHR2	13457365	CHR2:13457365	SSF x Far_LoA	-6,05170558	-0,163	0,309
CHR2	13457370	CHR2:13457370	SSF x Far_LoA	-10,1025892	0,049	0,307
CHR2	13457392	CHR2:13457392	SSF x Far_LoA	-9,20844547	0,082	0,310
CHR2	13457403	CHR2:13457403	SSF x Far_LoA	-9,75458039	0,037	0,315
CHR2	13457424	CHR2:13457424	SSF x Far_LoA	-8,5823211	0,073	0,297
CHR2	13457760	CHR2:13457760	SSF x Far_LoA	-9,86064841	0,059	0,315
CHR2	13457777	CHR2:13457777	SSF x Far_LoA	-7,66103592	-0,126	0,312
CHR2	13457800	CHR2:13457800	SSF x Far_LoA	-10,8701602	0,088	0,296
CHR2	13457873	CHR2:13457873	SSF x Far_LoA	-11,1670534	0,038	0,305
CHR2	13460537	CHR2:13460537	SSF x Far_LoA	-9,39586595	-0,053	0,303
CHR2	13460911	CHR2:13460911	SSF x Far_LoA	-10,7518147	0,102	0,304
CHR2	13460922	CHR2:13460922	SSF x Far_LoA	-7,96257203	0,169	0,294
CHR2	13467336	CHR2:13467336	SSF x Far_LoA	-9,72325431	0,003	0,309
CHR2	13467455	CHR2:13467455	SSF x Far_LoA	-11,561897	-0,018	0,307
CHR2	13468875	CHR2:13468875	SSF x Far_LoA	-3,03257956	-0,136	0,317
CHR2	13468923	CHR2:13468923	SSF x Far_LoA	-10,0336532	0,066	0,314
CHR2	13468966	CHR2:13468966	SSF x Far_LoA	-10,2197304	0,104	0,309
CHR2	13473235	CHR2:13473235	SSF x Far_LoA	-10,1434136	0,039	0,305
CHR2	13473354	CHR2:13473354	SSF x Far_LoA	-10,8279336	0,040	0,308
CHR2	13473368	CHR2:13473368	SSF x Far_LoA	-9,99506371	0,001	0,313
CHR2	13473370	CHR2:13473370	SSF x Far_LoA	-10,096778	0,002	0,312
CHR2	13473422	CHR2:13473422	SSF x Far_LoA	-11,895528	0,022	0,308
CHR2	13473439	CHR2:13473439	SSF x Far_LoA	-10,3037212	0,004	0,312
CHR2	13479685	CHR2:13479685	SSF x Far_LoA	-8,23075081	-0,113	0,310
CHR2	13479778	CHR2:13479778	SSF x Far_LoA	-9,38219032	-0,100	0,302
CHR2	13479795	CHR2:13479795	SSF x Far_LoA	-11,1461909	0,039	0,306
CHR2	13479807	CHR2:13479807	SSF x Far_LoA	-9,79638594	-0,046	0,309
CHR2	13479812	CHR2:13479812	SSF x Far_LoA	-12,0422974	-0,005	0,308
CHR2	13479823	CHR2:13479823	SSF x Far_LoA	-7,78015497	0,099	0,308
CHR2	13479867	CHR2:13479867	SSF x Far_LoA	-7,83637069	0,142	0,289
CHR2	13487150	CHR2:13487150	SSF x Far_LoA	-11,3454785	0,026	0,300
CHR2	13488270	CHR2:13488270	SSF x Far_LoA	-8,0876181	-0,128	0,298
CHR2	13488368	CHR2:13488368	SSF x Far_LoA	-4,16325285	-0,113	0,294

CHR2	13488399	CHR2:13488399	SSF x Far_LoA	-5,99884036	0,198	0,284
CHR2	13488456	CHR2:13488456	SSF x Far_LoA	-10,1644659	0,075	0,302
CHR2	13495766	CHR2:13495766	SSF x Far_LoA	-7,41927961	0,153	0,291
CHR2	13495768	CHR2:13495768	SSF x Far_LoA	-4,13277401	0,203	0,281
CHR2	13495845	CHR2:13495845	SSF x Far_LoA	-8,12278528	-0,030	0,309
CHR2	13501112	CHR2:13501112	SSF x Far_LoA	-7,63218752	-0,046	0,304
CHR2	13501129	CHR2:13501129	SSF x Far_LoA	-7,93274956	-0,066	0,310
CHR2	1350250	CHR2:1350250	SSF x Far_LoA	-8,53944695	0,001	0,319
CHR2	1350270	CHR2:1350270	SSF x Far_LoA	-9,03807803	-0,085	0,302
CHR2	1350290	CHR2:1350290	SSF x Far_LoA	-0,58147707	-0,075	0,316
CHR2	1350348	CHR2:1350348	SSF x Far_LoA	-10,5023357	0,026	0,303
CHR2	1350358	CHR2:1350358	SSF x Far_LoA	-7,56717634	0,024	0,303
CHR2	13506690	CHR2:13506690	SSF x Far_LoA	-7,96172697	0,056	0,305
CHR2	13506781	CHR2:13506781	SSF x Far_LoA	-8,02635424	-0,137	0,306
CHR2	13506797	CHR2:13506797	SSF x Far_LoA	-8,67801186	0,125	0,310
CHR2	13511347	CHR2:13511347	SSF x Far_LoA	-8,69995598	-0,130	0,299
CHR2	13512049	CHR2:13512049	SSF x Far_LoA	-4,83715582	-0,036	0,307
CHR2	13512144	CHR2:13512144	SSF x Far_LoA	-11,1776433	-0,028	0,303
CHR2	13512145	CHR2:13512145	SSF x Far_LoA	-7,59338401	-0,038	0,313
CHR2	13512166	CHR2:13512166	SSF x Far_LoA	2,66295886	-0,072	0,307
CHR2	13513833	CHR2:13513833	SSF x Far_LoA	-6,62882315	-0,015	0,306
CHR2	13513917	CHR2:13513917	SSF x Far_LoA	-10,9754306	-0,012	0,293
CHR2	13514016	CHR2:13514016	SSF x Far_LoA	-8,37162556	-0,001	0,315
CHR2	13514820	CHR2:13514820	SSF x Far_LoA	-8,38596752	-0,087	0,288
CHR2	13514865	CHR2:13514865	SSF x Far_LoA	-8,90460714	0,075	0,294
CHR2	13514869	CHR2:13514869	SSF x Far_LoA	-8,93233873	0,070	0,292
CHR2	13521550	CHR2:13521550	SSF x Far_LoA	0,12692383	-0,041	0,297
CHR2	13521772	CHR2:13521772	SSF x Far_LoA	-10,0181358	-0,027	0,304
CHR2	13521785	CHR2:13521785	SSF x Far_LoA	-8,52839645	0,016	0,320
CHR2	13523045	CHR2:13523045	SSF x Far_LoA	-10,1251538	0,065	0,294
CHR2	13523065	CHR2:13523065	SSF x Far_LoA	-8,20996273	-0,030	0,304
CHR2	13523084	CHR2:13523084	SSF x Far_LoA	-9,73147013	-0,029	0,305
CHR2	13523093	CHR2:13523093	SSF x Far_LoA	-9,12724369	-0,125	0,297
CHR2	13525362	CHR2:13525362	SSF x Far_LoA	-6,54156649	0,085	0,314
CHR2	13527469	CHR2:13527469	SSF x Far_LoA	-8,78129197	-0,049	0,310
CHR2	1353394	CHR2:1353394	SSF x Far_LoA	-8,70857792	0,125	0,301
CHR2	13534384	CHR2:13534384	SSF x Far_LoA	-11,3677927	-0,017	0,304
CHR2	13540856	CHR2:13540856	SSF x Far_LoA	-12,0065933	-0,015	0,301
CHR2	13540860	CHR2:13540860	SSF x Far_LoA	-7,75030123	0,150	0,309
CHR2	13541013	CHR2:13541013	SSF x Far_LoA	-9,30632125	0,094	0,308
CHR2	13541015	CHR2:13541015	SSF x Far_LoA	-6,8191335	-0,138	0,300
CHR2	13541071	CHR2:13541071	SSF x Far_LoA	-11,3009746	-0,077	0,298
CHR2	13546186	CHR2:13546186	SSF x Far_LoA	-10,8288064	0,065	0,313
CHR2	13546194	CHR2:13546194	SSF x Far_LoA	-8,36609062	-0,089	0,297
CHR2	13546199	CHR2:13546199	SSF x Far_LoA	-11,5279188	0,007	0,299
CHR2	13546205	CHR2:13546205	SSF x Far_LoA	-10,5531258	-0,058	0,292
CHR2	13554853	CHR2:13554853	SSF x Far_LoA	-10,1665407	-0,036	0,314
CHR2	13554897	CHR2:13554897	SSF x Far_LoA	-9,00055444	-0,042	0,299
CHR2	13554915	CHR2:13554915	SSF x Far_LoA	-9,97531906	-0,103	0,301
CHR2	13554948	CHR2:13554948	SSF x Far_LoA	-9,35894239	-0,016	0,297
CHR2	13554953	CHR2:13554953	SSF x Far_LoA	-10,9956009	-0,103	0,299
CHR2	13554972	CHR2:13554972	SSF x Far_LoA	-7,49035861	0,156	0,299
CHR2	13555092	CHR2:13555092	SSF x Far_LoA	-10,3158563	-0,006	0,300

CHR2	13555141	CHR2:13555141	SSF x Far_LoA	2,08325979	-0,108	0,305
CHR2	13555161	CHR2:13555161	SSF x Far_LoA	-9,10640775	0,003	0,306
CHR2	13558161	CHR2:13558161	SSF x Far_LoA	-8,6373127	0,053	0,309
CHR2	13565894	CHR2:13565894	SSF x Far_LoA	-11,6390747	0,096	0,298
CHR2	13565900	CHR2:13565900	SSF x Far_LoA	-9,51340379	-0,015	0,317
CHR2	13565946	CHR2:13565946	SSF x Far_LoA	-5,87340862	-0,142	0,298
CHR2	13575755	CHR2:13575755	SSF x Far_LoA	-8,97767111	-0,096	0,313
CHR2	13575806	CHR2:13575806	SSF x Far_LoA	0,42673062	-0,078	0,315
CHR2	13580725	CHR2:13580725	SSF x Far_LoA	-11,095542	0,041	0,308
CHR2	13580737	CHR2:13580737	SSF x Far_LoA	-9,88329299	-0,081	0,319
CHR2	13580825	CHR2:13580825	SSF x Far_LoA	-10,3491817	-0,005	0,318
CHR2	13580830	CHR2:13580830	SSF x Far_LoA	-7,7029532	0,082	0,310
CHR2	13580932	CHR2:13580932	SSF x Far_LoA	-8,3228545	0,072	0,298
CHR2	13583901	CHR2:13583901	SSF x Far_LoA	-8,61253174	-0,128	0,310
CHR2	13583953	CHR2:13583953	SSF x Far_LoA	-11,7027822	-0,095	0,296
CHR2	13584102	CHR2:13584102	SSF x Far_LoA	-7,91200076	-0,009	0,307
CHR2	13586732	CHR2:13586732	SSF x Far_LoA	-7,27594653	-0,056	0,305
CHR2	13586748	CHR2:13586748	SSF x Far_LoA	-10,8377058	0,024	0,302
CHR2	13586780	CHR2:13586780	SSF x Far_LoA	-10,6460798	0,125	0,298
CHR2	1358856	CHR2:1358856	SSF x Far_LoA	-10,337567	0,045	0,294
CHR2	13589903	CHR2:13589903	SSF x Far_LoA	-9,28527847	0,081	0,302
CHR2	1359039	CHR2:1359039	SSF x Far_LoA	-7,88671168	-0,161	0,291
CHR2	13592410	CHR2:13592410	SSF x Far_LoA	-7,81484821	-0,036	0,316
CHR2	13592414	CHR2:13592414	SSF x Far_LoA	-7,90864666	-0,121	0,307
CHR2	13592451	CHR2:13592451	SSF x Far_LoA	-6,34211152	-0,088	0,318
CHR2	13592455	CHR2:13592455	SSF x Far_LoA	-5,44196123	-0,132	0,300
CHR2	13592461	CHR2:13592461	SSF x Far_LoA	-8,76219309	-0,063	0,307
CHR2	13592492	CHR2:13592492	SSF x Far_LoA	-6,08257898	-0,104	0,309
CHR2	13592515	CHR2:13592515	SSF x Far_LoA	-5,15199862	-0,102	0,320
CHR2	13592560	CHR2:13592560	SSF x Far_LoA	-6,68096673	-0,157	0,309
CHR2	13592567	CHR2:13592567	SSF x Far_LoA	-6,68000969	-0,155	0,308
CHR2	13592585	CHR2:13592585	SSF x Far_LoA	-1,92911701	-0,092	0,319
CHR2	13592592	CHR2:13592592	SSF x Far_LoA	-8,35355832	-0,115	0,309
CHR2	13592608	CHR2:13592608	SSF x Far_LoA	-8,09958006	-0,120	0,301
CHR2	13592627	CHR2:13592627	SSF x Far_LoA	-10,4707867	0,017	0,290
CHR2	13592653	CHR2:13592653	SSF x Far_LoA	-9,51194965	-0,046	0,313
CHR2	13592719	CHR2:13592719	SSF x Far_LoA	-8,83200321	-0,048	0,296
CHR2	13592742	CHR2:13592742	SSF x Far_LoA	-5,35504866	-0,099	0,297
CHR2	13596913	CHR2:13596913	SSF x Far_LoA	-9,50170064	-0,047	0,304
CHR2	13596927	CHR2:13596927	SSF x Far_LoA	-9,47014912	0,037	0,301
CHR2	13596976	CHR2:13596976	SSF x Far_LoA	-10,7677813	-0,077	0,318
CHR2	13596997	CHR2:13596997	SSF x Far_LoA	-6,27446265	0,056	0,308
CHR2	13597031	CHR2:13597031	SSF x Far_LoA	-5,6959995	0,116	0,304
CHR2	13597032	CHR2:13597032	SSF x Far_LoA	-9,8050569	-0,048	0,294
CHR2	13597033	CHR2:13597033	SSF x Far_LoA	-10,181464	-0,109	0,295
CHR2	13600337	CHR2:13600337	SSF x Far_LoA	-10,6154302	-0,092	0,307
CHR2	13600504	CHR2:13600504	SSF x Far_LoA	-5,91006478	-0,006	0,314
CHR2	13600589	CHR2:13600589	SSF x Far_LoA	-9,50242536	0,089	0,307
CHR2	13602907	CHR2:13602907	SSF x Far_LoA	-8,02239587	0,041	0,303
CHR2	13602966	CHR2:13602966	SSF x Far_LoA	-9,99770725	0,087	0,310
CHR2	13602983	CHR2:13602983	SSF x Far_LoA	-10,8051778	0,109	0,318
CHR2	13603003	CHR2:13603003	SSF x Far_LoA	-7,90382924	0,045	0,314
CHR2	13603024	CHR2:13603024	SSF x Far_LoA	-8,03834295	-0,022	0,319

CHR2	13603338	CHR2:13603338	SSF x Far_LoA	-10,2574905	-0,029	0,289
CHR2	13607466	CHR2:13607466	SSF x Far_LoA	-10,9664025	-0,028	0,318
CHR2	13607600	CHR2:13607600	SSF x Far_LoA	-9,29560531	0,078	0,303
CHR2	13611630	CHR2:13611630	SSF x Far_LoA	-11,3090053	-0,016	0,306
CHR2	13611711	CHR2:13611711	SSF x Far_LoA	-7,51797079	0,094	0,312
CHR2	13613220	CHR2:13613220	SSF x Far_LoA	-7,92164863	-0,007	0,314
CHR2	13613241	CHR2:13613241	SSF x Far_LoA	-8,68684563	-0,033	0,308
CHR2	13613261	CHR2:13613261	SSF x Far_LoA	-8,97474237	-0,063	0,311
CHR2	13618909	CHR2:13618909	SSF x Far_LoA	-9,85351855	-0,077	0,312
CHR2	13618912	CHR2:13618912	SSF x Far_LoA	-7,87879911	-0,069	0,305
CHR2	13619006	CHR2:13619006	SSF x Far_LoA	-7,34494108	0,007	0,309
CHR2	13619069	CHR2:13619069	SSF x Far_LoA	-9,2267939	-0,104	0,295
CHR2	13619087	CHR2:13619087	SSF x Far_LoA	-9,96486279	0,040	0,310
CHR2	13619088	CHR2:13619088	SSF x Far_LoA	-10,7898992	-0,006	0,308
CHR2	13623917	CHR2:13623917	SSF x Far_LoA	-6,99941033	-0,074	0,306
CHR2	13624022	CHR2:13624022	SSF x Far_LoA	-10,7512097	0,144	0,305
CHR2	13624031	CHR2:13624031	SSF x Far_LoA	-10,6510018	0,094	0,294
CHR2	13626477	CHR2:13626477	SSF x Far_LoA	-9,28192003	-0,061	0,309
CHR2	13631974	CHR2:13631974	SSF x Far_LoA	-8,00768186	-0,019	0,318
CHR2	13632035	CHR2:13632035	SSF x Far_LoA	-7,81700183	-0,056	0,305
CHR2	13632082	CHR2:13632082	SSF x Far_LoA	-12,4514744	-0,060	0,303
CHR2	13633774	CHR2:13633774	SSF x Far_LoA	-10,7614445	0,028	0,300
CHR2	13633800	CHR2:13633800	SSF x Far_LoA	-9,39851644	-0,066	0,307
CHR2	13633881	CHR2:13633881	SSF x Far_LoA	-9,35246384	-0,084	0,301
CHR2	13644921	CHR2:13644921	SSF x Far_LoA	-10,7214004	0,074	0,305
CHR2	13648420	CHR2:13648420	SSF x Far_LoA	-7,97977249	0,015	0,309
CHR2	13648479	CHR2:13648479	SSF x Far_LoA	-7,34912831	-0,084	0,320
CHR2	13657842	CHR2:13657842	SSF x Far_LoA	-9,26417412	0,082	0,300
CHR2	13657921	CHR2:13657921	SSF x Far_LoA	-12,2441278	0,024	0,305
CHR2	13657927	CHR2:13657927	SSF x Far_LoA	-6,18082123	-0,122	0,295
CHR2	1366412	CHR2:1366412	SSF x Far_LoA	-9,28618905	-0,075	0,306
CHR2	13667611	CHR2:13667611	SSF x Far_LoA	-3,09739183	0,102	0,313
CHR2	13672123	CHR2:13672123	SSF x Far_LoA	-10,1798166	0,056	0,321
CHR2	1370071	CHR2:1370071	SSF x Far_LoA	-10,2083357	-0,102	0,302
CHR2	1370138	CHR2:1370138	SSF x Far_LoA	-10,1896543	0,019	0,292
CHR2	13711916	CHR2:13711916	SSF x Far_LoA	-11,5505841	-0,008	0,315
CHR2	13711939	CHR2:13711939	SSF x Far_LoA	-8,64336604	0,059	0,293
CHR2	13712384	CHR2:13712384	SSF x Far_LoA	-8,14821436	-0,107	0,296
CHR2	13712407	CHR2:13712407	SSF x Far_LoA	-7,10856249	0,051	0,309
CHR2	13714093	CHR2:13714093	SSF x Far_LoA	-10,1405228	-0,056	0,309
CHR2	13718323	CHR2:13718323	SSF x Far_LoA	-4,85047444	0,152	0,288
CHR2	13718332	CHR2:13718332	SSF x Far_LoA	-8,83253672	0,099	0,299
CHR2	13724379	CHR2:13724379	SSF x Far_LoA	-11,4370361	-0,018	0,314
CHR2	13725817	CHR2:13725817	SSF x Far_LoA	-9,23872225	-0,014	0,311
CHR2	13740675	CHR2:13740675	SSF x Far_LoA	-10,9293002	0,037	0,296
CHR2	13740828	CHR2:13740828	SSF x Far_LoA	-10,1932518	-0,025	0,293
CHR2	13740860	CHR2:13740860	SSF x Far_LoA	-9,32662082	-0,012	0,310
CHR2	13740998	CHR2:13740998	SSF x Far_LoA	-10,3807473	-0,013	0,299
CHR2	13741033	CHR2:13741033	SSF x Far_LoA	-10,667255	-0,041	0,292
CHR2	13744845	CHR2:13744845	SSF x Far_LoA	-11,4441625	-0,071	0,302
CHR2	13744892	CHR2:13744892	SSF x Far_LoA	-7,68730624	-0,025	0,317
CHR2	13745093	CHR2:13745093	SSF x Far_LoA	4,59456217	-0,116	0,304
CHR2	13745110	CHR2:13745110	SSF x Far_LoA	-8,1671511	-0,016	0,310

CHR2	13750164	CHR2:13750164	SSF x Far_LoA	-7,78706635	-0,132	0,304
CHR2	13750230	CHR2:13750230	SSF x Far_LoA	-8,73430334	-0,187	0,296
CHR2	13750299	CHR2:13750299	SSF x Far_LoA	-7,11055984	-0,108	0,304
CHR2	13750350	CHR2:13750350	SSF x Far_LoA	-8,16235404	0,129	0,291
CHR2	13752263	CHR2:13752263	SSF x Far_LoA	-8,60835639	0,060	0,310
CHR2	13752420	CHR2:13752420	SSF x Far_LoA	-6,18273015	-0,214	0,289
CHR2	13752481	CHR2:13752481	SSF x Far_LoA	-7,88637811	-0,037	0,307
CHR2	13756739	CHR2:13756739	SSF x Far_LoA	-11,1025201	-0,120	0,306
CHR2	13756799	CHR2:13756799	SSF x Far_LoA	-7,87214294	-0,012	0,310
CHR2	13766256	CHR2:13766256	SSF x Far_LoA	-7,91864156	0,197	0,308
CHR2	13774530	CHR2:13774530	SSF x Far_LoA	-9,29278206	-0,023	0,318
CHR2	13774584	CHR2:13774584	SSF x Far_LoA	-7,90227384	-0,113	0,308
CHR2	13774585	CHR2:13774585	SSF x Far_LoA	-7,72510107	-0,129	0,316
CHR2	13774613	CHR2:13774613	SSF x Far_LoA	-9,74192277	-0,050	0,330
CHR2	13774619	CHR2:13774619	SSF x Far_LoA	8,02116347	0,129	0,302
CHR2	13774665	CHR2:13774665	SSF x Far_LoA	-6,43824805	0,013	0,307
CHR2	13774702	CHR2:13774702	SSF x Far_LoA	-11,3741709	0,031	0,293
CHR2	13774719	CHR2:13774719	SSF x Far_LoA	-9,17199594	0,096	0,301
CHR2	13776437	CHR2:13776437	SSF x Far_LoA	-11,1452845	0,055	0,298
CHR2	13776557	CHR2:13776557	SSF x Far_LoA	-3,37805094	-0,062	0,303
CHR2	13779864	CHR2:13779864	SSF x Far_LoA	-9,14983268	-0,015	0,303
CHR2	13779866	CHR2:13779866	SSF x Far_LoA	-9,30801639	-0,080	0,308
CHR2	13779867	CHR2:13779867	SSF x Far_LoA	-6,95420986	0,055	0,303
CHR2	13779964	CHR2:13779964	SSF x Far_LoA	-9,80271577	0,039	0,311
CHR2	13779972	CHR2:13779972	SSF x Far_LoA	-8,72734031	0,038	0,316
CHR2	13779976	CHR2:13779976	SSF x Far_LoA	-9,42849464	-0,016	0,305
CHR2	13780028	CHR2:13780028	SSF x Far_LoA	-9,66243993	-0,001	0,308
CHR2	13780036	CHR2:13780036	SSF x Far_LoA	-2,84761588	0,009	0,297
CHR2	13780183	CHR2:13780183	SSF x Far_LoA	-9,8771172	-0,036	0,294
CHR2	13780230	CHR2:13780230	SSF x Far_LoA	-9,99857118	0,044	0,308
CHR2	13783659	CHR2:13783659	SSF x Far_LoA	-11,4196307	0,050	0,313
CHR2	13783773	CHR2:13783773	SSF x Far_LoA	-9,39367387	-0,020	0,319
CHR2	13787833	CHR2:13787833	SSF x Far_LoA	-6,98257857	-0,119	0,316
CHR2	13787865	CHR2:13787865	SSF x Far_LoA	-9,1081544	0,013	0,306
CHR2	13787869	CHR2:13787869	SSF x Far_LoA	-8,11274129	-0,017	0,319
CHR2	13788042	CHR2:13788042	SSF x Far_LoA	-9,25565853	-0,019	0,312
CHR2	13792847	CHR2:13792847	SSF x Far_LoA	-9,32527222	0,090	0,297
CHR2	13792946	CHR2:13792946	SSF x Far_LoA	-9,11930996	0,056	0,304
CHR2	13797652	CHR2:13797652	SSF x Far_LoA	-8,78526565	0,146	0,289
CHR2	13797745	CHR2:13797745	SSF x Far_LoA	-11,2149992	0,030	0,306
CHR2	13797838	CHR2:13797838	SSF x Far_LoA	-10,2205263	-0,042	0,309
CHR2	13799198	CHR2:13799198	SSF x Far_LoA	-10,1509069	0,111	0,313
CHR2	13799212	CHR2:13799212	SSF x Far_LoA	-11,1529069	0,032	0,309
CHR2	13799269	CHR2:13799269	SSF x Far_LoA	-8,45435201	-0,113	0,306
CHR2	13799371	CHR2:13799371	SSF x Far_LoA	-8,45223283	-0,067	0,308
CHR2	13803426	CHR2:13803426	SSF x Far_LoA	-12,0772982	0,023	0,304
CHR2	13803991	CHR2:13803991	SSF x Far_LoA	-8,74464874	-0,060	0,304
CHR2	13803994	CHR2:13803994	SSF x Far_LoA	-11,6330331	-0,032	0,309
CHR2	13803999	CHR2:13803999	SSF x Far_LoA	-6,00046527	-0,109	0,312
CHR2	13804041	CHR2:13804041	SSF x Far_LoA	-4,17708627	-0,067	0,290
CHR2	13805508	CHR2:13805508	SSF x Far_LoA	-4,13712454	-0,170	0,288
CHR2	13805560	CHR2:13805560	SSF x Far_LoA	-8,79153904	0,052	0,295
CHR2	13806393	CHR2:13806393	SSF x Far_LoA	-10,9912791	-0,013	0,308

CHR2	13806397	CHR2:13806397	SSF x Far_LoA	-11,3147836	0,088	0,305
CHR2	13806403	CHR2:13806403	SSF x Far_LoA	-7,63342116	0,014	0,304
CHR2	13806417	CHR2:13806417	SSF x Far_LoA	-9,10395102	-0,112	0,291
CHR2	13806419	CHR2:13806419	SSF x Far_LoA	-10,2424519	0,033	0,310
CHR2	13806421	CHR2:13806421	SSF x Far_LoA	-12,15954	-0,002	0,300
CHR2	13806437	CHR2:13806437	SSF x Far_LoA	-12,0529979	-0,005	0,293
CHR2	13809824	CHR2:13809824	SSF x Far_LoA	-9,34481939	-0,030	0,316
CHR2	13814471	CHR2:13814471	SSF x Far_LoA	-8,51241156	0,017	0,311
CHR2	13814498	CHR2:13814498	SSF x Far_LoA	-7,74142879	0,107	0,309
CHR2	13814499	CHR2:13814499	SSF x Far_LoA	-9,45716575	-0,074	0,314
CHR2	13814508	CHR2:13814508	SSF x Far_LoA	-9,44665084	-0,029	0,314
CHR2	13814514	CHR2:13814514	SSF x Far_LoA	-11,643626	-0,031	0,303
CHR2	13814541	CHR2:13814541	SSF x Far_LoA	-9,19527262	0,066	0,304
CHR2	13814574	CHR2:13814574	SSF x Far_LoA	-7,53755332	0,086	0,287
CHR2	13814590	CHR2:13814590	SSF x Far_LoA	-9,90881565	-0,009	0,314
CHR2	13819126	CHR2:13819126	SSF x Far_LoA	-10,0399344	-0,051	0,301
CHR2	13819200	CHR2:13819200	SSF x Far_LoA	-6,33307147	-0,173	0,289
CHR2	13819260	CHR2:13819260	SSF x Far_LoA	-9,25241303	-0,051	0,325
CHR2	13823868	CHR2:13823868	SSF x Far_LoA	-9,72493431	0,005	0,306
CHR2	13823889	CHR2:13823889	SSF x Far_LoA	-9,32790782	0,042	0,298
CHR2	13823892	CHR2:13823892	SSF x Far_LoA	-10,5304149	0,064	0,316
CHR2	13824010	CHR2:13824010	SSF x Far_LoA	-3,69799799	0,025	0,313
CHR2	13824044	CHR2:13824044	SSF x Far_LoA	-8,8828589	-0,056	0,293
CHR2	13824068	CHR2:13824068	SSF x Far_LoA	-9,38822186	-0,025	0,297
CHR2	13824130	CHR2:13824130	SSF x Far_LoA	-10,0279553	-0,059	0,307
CHR2	13825954	CHR2:13825954	SSF x Far_LoA	-7,74612836	-0,015	0,307
CHR2	13826036	CHR2:13826036	SSF x Far_LoA	-10,9072582	0,005	0,295
CHR2	13826799	CHR2:13826799	SSF x Far_LoA	-7,56185902	0,075	0,301
CHR2	13834589	CHR2:13834589	SSF x Far_LoA	-8,98080926	-0,098	0,311
CHR2	13834590	CHR2:13834590	SSF x Far_LoA	-8,68177259	-0,094	0,294
CHR2	13834596	CHR2:13834596	SSF x Far_LoA	-8,75647638	-0,040	0,324
CHR2	13834597	CHR2:13834597	SSF x Far_LoA	-10,7709645	-0,046	0,322
CHR2	13834607	CHR2:13834607	SSF x Far_LoA	-10,3547487	0,009	0,302
CHR2	13834654	CHR2:13834654	SSF x Far_LoA	-10,1482116	-0,029	0,303
CHR2	13844324	CHR2:13844324	SSF x Far_LoA	-11,2243684	-0,022	0,302
CHR2	13844327	CHR2:13844327	SSF x Far_LoA	3,99710944	0,220	0,276
CHR2	13844362	CHR2:13844362	SSF x Far_LoA	-6,97311859	-0,130	0,306
CHR2	13844378	CHR2:13844378	SSF x Far_LoA	-9,33805306	0,058	0,300
CHR2	13844429	CHR2:13844429	SSF x Far_LoA	-7,88569252	-0,067	0,315
CHR2	13853391	CHR2:13853391	SSF x Far_LoA	-8,3818535	0,065	0,307
CHR2	13857062	CHR2:13857062	SSF x Far_LoA	-11,7244551	0,086	0,284
CHR2	13857075	CHR2:13857075	SSF x Far_LoA	-9,54132052	0,031	0,296
CHR2	13860663	CHR2:13860663	SSF x Far_LoA	-9,48591726	0,012	0,305
CHR2	13860705	CHR2:13860705	SSF x Far_LoA	-10,6035074	0,010	0,301
CHR2	13860708	CHR2:13860708	SSF x Far_LoA	-10,1630886	0,023	0,308
CHR2	13860714	CHR2:13860714	SSF x Far_LoA	-8,58298931	0,015	0,307
CHR2	13860759	CHR2:13860759	SSF x Far_LoA	-8,55175317	-0,002	0,314
CHR2	13864936	CHR2:13864936	SSF x Far_LoA	-7,38581951	0,101	0,306
CHR2	13864941	CHR2:13864941	SSF x Far_LoA	-9,44973217	0,101	0,304
CHR2	13864966	CHR2:13864966	SSF x Far_LoA	-8,24809377	0,099	0,304
CHR2	13866714	CHR2:13866714	SSF x Far_LoA	-10,3882952	-0,096	0,297
CHR2	13866841	CHR2:13866841	SSF x Far_LoA	-7,99018334	-0,082	0,309
CHR2	13866854	CHR2:13866854	SSF x Far_LoA	-8,08911427	0,122	0,282

CHR2	13866863	CHR2:13866863	SSF x Far_LoA	-6,63767041	-0,168	0,293
CHR2	13869684	CHR2:13869684	SSF x Far_LoA	-8,32588978	-0,045	0,303
CHR2	13869960	CHR2:13869960	SSF x Far_LoA	-11,0382254	0,073	0,303
CHR2	13874357	CHR2:13874357	SSF x Far_LoA	-9,00684283	-0,060	0,307
CHR2	13874362	CHR2:13874362	SSF x Far_LoA	-9,90183372	-0,014	0,317
CHR2	13879196	CHR2:13879196	SSF x Far_LoA	-9,15363739	0,012	0,310
CHR2	13879232	CHR2:13879232	SSF x Far_LoA	-9,03831265	0,015	0,314
CHR2	13879255	CHR2:13879255	SSF x Far_LoA	-9,0699923	0,007	0,314
CHR2	13879260	CHR2:13879260	SSF x Far_LoA	-8,48524503	-0,101	0,324
CHR2	13883960	CHR2:13883960	SSF x Far_LoA	-10,057097	0,093	0,310
CHR2	13883961	CHR2:13883961	SSF x Far_LoA	-10,0716062	0,013	0,295
CHR2	13883987	CHR2:13883987	SSF x Far_LoA	-3,23046806	0,072	0,306
CHR2	13884782	CHR2:13884782	SSF x Far_LoA	-11,576159	0,024	0,303
CHR2	13884783	CHR2:13884783	SSF x Far_LoA	-8,21530246	0,159	0,295
CHR2	13884796	CHR2:13884796	SSF x Far_LoA	-8,79442886	0,107	0,299
CHR2	13884825	CHR2:13884825	SSF x Far_LoA	-6,88015099	0,119	0,309
CHR2	13884831	CHR2:13884831	SSF x Far_LoA	-7,93128726	0,119	0,307
CHR2	13884873	CHR2:13884873	SSF x Far_LoA	-10,6907672	-0,004	0,311
CHR2	13884883	CHR2:13884883	SSF x Far_LoA	-11,5534402	0,042	0,300
CHR2	13884908	CHR2:13884908	SSF x Far_LoA	-8,85224183	0,082	0,304
CHR2	13889135	CHR2:13889135	SSF x Far_LoA	-9,05426293	-0,129	0,291
CHR2	13889178	CHR2:13889178	SSF x Far_LoA	-9,51092253	-0,029	0,297
CHR2	13889195	CHR2:13889195	SSF x Far_LoA	-8,45350551	-0,137	0,310
CHR2	13889231	CHR2:13889231	SSF x Far_LoA	-10,7661336	-0,086	0,294
CHR2	13889276	CHR2:13889276	SSF x Far_LoA	-10,4866247	0,062	0,302
CHR2	13889288	CHR2:13889288	SSF x Far_LoA	-9,58873984	0,001	0,304
CHR2	13890492	CHR2:13890492	SSF x Far_LoA	-10,4323489	0,101	0,296
CHR2	13890656	CHR2:13890656	SSF x Far_LoA	-9,33006091	-0,047	0,310
CHR2	13890696	CHR2:13890696	SSF x Far_LoA	-11,1655991	0,064	0,278
CHR2	13896730	CHR2:13896730	SSF x Far_LoA	-10,1098679	-0,022	0,308
CHR2	13896731	CHR2:13896731	SSF x Far_LoA	-10,7367362	-0,035	0,304
CHR2	13896747	CHR2:13896747	SSF x Far_LoA	-8,61360236	-0,063	0,309
CHR2	13896897	CHR2:13896897	SSF x Far_LoA	-10,4122285	-0,035	0,305
CHR2	13896904	CHR2:13896904	SSF x Far_LoA	-11,5014596	0,075	0,290
CHR2	13896913	CHR2:13896913	SSF x Far_LoA	-9,37109462	-0,002	0,307
CHR2	13902641	CHR2:13902641	SSF x Far_LoA	-11,4112933	0,045	0,316
CHR2	13908600	CHR2:13908600	SSF x Far_LoA	-8,43182398	0,113	0,286
CHR2	13908609	CHR2:13908609	SSF x Far_LoA	-8,6928685	-0,117	0,282
CHR2	13908736	CHR2:13908736	SSF x Far_LoA	-9,91752922	0,063	0,292
CHR2	13908760	CHR2:13908760	SSF x Far_LoA	-9,44332905	-0,087	0,317
CHR2	13908779	CHR2:13908779	SSF x Far_LoA	-10,0023178	-0,125	0,302
CHR2	13908784	CHR2:13908784	SSF x Far_LoA	-8,72796432	-0,156	0,299
CHR2	13908823	CHR2:13908823	SSF x Far_LoA	-7,5214481	0,126	0,300
CHR2	13908824	CHR2:13908824	SSF x Far_LoA	-9,22599622	0,115	0,287
CHR2	13941719	CHR2:13941719	SSF x Far_LoA	-8,97090826	-0,025	0,306
CHR2	13941754	CHR2:13941754	SSF x Far_LoA	-9,3803228	-0,007	0,305
CHR2	13955410	CHR2:13955410	SSF x Far_LoA	-9,91872534	-0,064	0,304
CHR2	13955414	CHR2:13955414	SSF x Far_LoA	-8,8273537	-0,067	0,310
CHR2	13955423	CHR2:13955423	SSF x Far_LoA	-8,34370891	-0,043	0,309
CHR2	13955453	CHR2:13955453	SSF x Far_LoA	-11,0433994	0,064	0,304
CHR2	13955489	CHR2:13955489	SSF x Far_LoA	-11,4190485	0,060	0,313
CHR2	13956192	CHR2:13956192	SSF x Far_LoA	-7,45635903	0,022	0,303
CHR2	13956318	CHR2:13956318	SSF x Far_LoA	-9,71277101	-0,038	0,314

CHR2	13956320	CHR2:13956320	SSF x Far_LoA	-8,94044079	-0,061	0,307
CHR2	13956359	CHR2:13956359	SSF x Far_LoA	-9,50163035	0,007	0,304
CHR2	13956461	CHR2:13956461	SSF x Far_LoA	-9,56974428	0,082	0,302
CHR2	13971978	CHR2:13971978	SSF x Far_LoA	-11,8114651	-0,041	0,293
CHR2	13971989	CHR2:13971989	SSF x Far_LoA	-11,0012073	-0,053	0,308
CHR2	13972028	CHR2:13972028	SSF x Far_LoA	-8,62755566	0,046	0,309
CHR2	13972050	CHR2:13972050	SSF x Far_LoA	-5,93552602	-0,056	0,317
CHR2	13972077	CHR2:13972077	SSF x Far_LoA	-10,2215031	0,011	0,307
CHR2	13972325	CHR2:13972325	SSF x Far_LoA	-8,31971598	-0,085	0,314
CHR2	13972350	CHR2:13972350	SSF x Far_LoA	-9,65933935	-0,083	0,312
CHR2	13972377	CHR2:13972377	SSF x Far_LoA	-10,4267328	0,054	0,317
CHR2	13972432	CHR2:13972432	SSF x Far_LoA	-7,66121837	0,054	0,297
CHR2	13972439	CHR2:13972439	SSF x Far_LoA	-8,62301861	0,068	0,311
CHR2	13974619	CHR2:13974619	SSF x Far_LoA	-10,4264101	0,022	0,309
CHR2	13974624	CHR2:13974624	SSF x Far_LoA	-11,0633614	0,009	0,303
CHR2	13975382	CHR2:13975382	SSF x Far_LoA	-7,90419226	0,101	0,305
CHR2	13975450	CHR2:13975450	SSF x Far_LoA	-8,82937465	0,104	0,291
CHR2	13975462	CHR2:13975462	SSF x Far_LoA	-8,33714558	0,086	0,293
CHR2	13976747	CHR2:13976747	SSF x Far_LoA	-9,4085882	0,012	0,314
CHR2	13976803	CHR2:13976803	SSF x Far_LoA	-10,4358779	-0,034	0,328
CHR2	13991692	CHR2:13991692	SSF x Far_LoA	-10,2744465	-0,090	0,317
CHR2	13991710	CHR2:13991710	SSF x Far_LoA	-9,48459959	0,047	0,315
CHR2	13991712	CHR2:13991712	SSF x Far_LoA	-10,5460913	-0,033	0,320
CHR2	13991771	CHR2:13991771	SSF x Far_LoA	-0,61408345	-0,097	0,312
CHR2	13991808	CHR2:13991808	SSF x Far_LoA	-7,79981198	-0,100	0,300
CHR2	13991849	CHR2:13991849	SSF x Far_LoA	-7,234648	0,060	0,299
CHR2	13993565	CHR2:13993565	SSF x Far_LoA	-7,17825109	0,098	0,306
CHR2	13993632	CHR2:13993632	SSF x Far_LoA	-10,600054	-0,025	0,323
CHR2	13993811	CHR2:13993811	SSF x Far_LoA	-9,67731786	0,040	0,299
CHR2	13995030	CHR2:13995030	SSF x Far_LoA	-4,08237259	-0,062	0,300
CHR2	1399878	CHR2:1399878	SSF x Far_LoA	-10,1169809	0,071	0,321
CHR2	14009627	CHR2:14009627	SSF x Far_LoA	-11,8168637	-0,042	0,298
CHR2	14009674	CHR2:14009674	SSF x Far_LoA	-8,1321932	-0,116	0,308
CHR2	14009680	CHR2:14009680	SSF x Far_LoA	-9,97464958	0,028	0,318
CHR2	14023216	CHR2:14023216	SSF x Far_LoA	-9,91703736	0,059	0,308
CHR2	14023217	CHR2:14023217	SSF x Far_LoA	-8,61195137	0,083	0,310
CHR2	14023220	CHR2:14023220	SSF x Far_LoA	-8,7689074	0,055	0,309
CHR2	14023235	CHR2:14023235	SSF x Far_LoA	-8,42283073	-0,043	0,307
CHR2	14023450	CHR2:14023450	SSF x Far_LoA	-9,33629227	0,019	0,317
CHR2	14028274	CHR2:14028274	SSF x Far_LoA	-8,69920021	0,038	0,310
CHR2	14030968	CHR2:14030968	SSF x Far_LoA	-11,537987	0,046	0,298
CHR2	14032048	CHR2:14032048	SSF x Far_LoA	-9,11544002	0,021	0,304
CHR2	14032060	CHR2:14032060	SSF x Far_LoA	-9,26685373	0,053	0,312
CHR2	14032090	CHR2:14032090	SSF x Far_LoA	-10,1294953	-0,042	0,313
CHR2	14033504	CHR2:14033504	SSF x Far_LoA	-10,1282726	0,121	0,315
CHR2	14033637	CHR2:14033637	SSF x Far_LoA	-4,45450896	-0,055	0,319
CHR2	14038038	CHR2:14038038	SSF x Far_LoA	-8,15683893	0,043	0,311
CHR2	14038067	CHR2:14038067	SSF x Far_LoA	-9,02543954	0,082	0,304
CHR2	14038097	CHR2:14038097	SSF x Far_LoA	-7,73161831	0,108	0,296
CHR2	14039361	CHR2:14039361	SSF x Far_LoA	-9,80499266	0,083	0,301
CHR2	14039443	CHR2:14039443	SSF x Far_LoA	-8,84729294	-0,046	0,303
CHR2	14039475	CHR2:14039475	SSF x Far_LoA	-11,9325558	0,044	0,288
CHR2	14042613	CHR2:14042613	SSF x Far_LoA	-10,0774169	0,193	0,284

CHR2	14044694	CHR2:14044694	SSF x Far_LoA	-8,12929945	0,059	0,303
CHR2	14044790	CHR2:14044790	SSF x Far_LoA	-7,72204144	-0,089	0,294
CHR2	14044803	CHR2:14044803	SSF x Far_LoA	-8,87183584	-0,063	0,294
CHR2	14050766	CHR2:14050766	SSF x Far_LoA	-11,113174	0,077	0,315
CHR2	14056388	CHR2:14056388	SSF x Far_LoA	-8,99915688	-0,028	0,312
CHR2	14059620	CHR2:14059620	SSF x Far_LoA	-6,8855022	0,153	0,297
CHR2	14059814	CHR2:14059814	SSF x Far_LoA	-6,20319205	-0,089	0,295
CHR2	14066048	CHR2:14066048	SSF x Far_LoA	-11,3672521	0,011	0,304
CHR2	14066073	CHR2:14066073	SSF x Far_LoA	-9,95244712	-0,057	0,311
CHR2	14066160	CHR2:14066160	SSF x Far_LoA	-10,2262994	0,081	0,313
CHR2	14074624	CHR2:14074624	SSF x Far_LoA	-6,72245195	-0,186	0,295
CHR2	1407464	CHR2:1407464	SSF x Far_LoA	-8,83031363	-0,128	0,319
CHR2	14074678	CHR2:14074678	SSF x Far_LoA	-8,84698814	0,119	0,300
CHR2	14074940	CHR2:14074940	SSF x Far_LoA	-8,66486204	0,117	0,310
CHR2	14074946	CHR2:14074946	SSF x Far_LoA	-7,72084209	0,154	0,304
CHR2	14074960	CHR2:14074960	SSF x Far_LoA	-5,94467998	0,153	0,310
CHR2	14074986	CHR2:14074986	SSF x Far_LoA	-10,7416315	0,048	0,295
CHR2	14075024	CHR2:14075024	SSF x Far_LoA	-3,82373079	0,140	0,300
CHR2	1407579	CHR2:1407579	SSF x Far_LoA	-9,19029793	-0,040	0,309
CHR2	14084684	CHR2:14084684	SSF x Far_LoA	-7,75445875	0,065	0,310
CHR2	14110484	CHR2:14110484	SSF x Far_LoA	-7,09726145	-0,094	0,299
CHR2	14110491	CHR2:14110491	SSF x Far_LoA	-9,54911844	-0,101	0,302
CHR2	14110524	CHR2:14110524	SSF x Far_LoA	-10,5484548	-0,032	0,297
CHR2	14118437	CHR2:14118437	SSF x Far_LoA	-4,48995115	0,174	0,298
CHR2	14118446	CHR2:14118446	SSF x Far_LoA	-9,09681878	-0,183	0,295
CHR2	14118592	CHR2:14118592	SSF x Far_LoA	-12,415715	0,027	0,298
CHR2	14118602	CHR2:14118602	SSF x Far_LoA	-6,65006632	-0,173	0,305
CHR2	14120120	CHR2:14120120	SSF x Far_LoA	-10,7774284	-0,077	0,313
CHR2	14120121	CHR2:14120121	SSF x Far_LoA	-7,9995217	0,173	0,281
CHR2	14120199	CHR2:14120199	SSF x Far_LoA	-4,72155267	-0,121	0,302
CHR2	14122901	CHR2:14122901	SSF x Far_LoA	-10,7825203	0,019	0,305
CHR2	14122904	CHR2:14122904	SSF x Far_LoA	-8,3854086	0,111	0,307
CHR2	14125573	CHR2:14125573	SSF x Far_LoA	-8,74674154	-0,130	0,312
CHR2	14125687	CHR2:14125687	SSF x Far_LoA	-7,7435121	0,170	0,302
CHR2	14136881	CHR2:14136881	SSF x Far_LoA	-8,33658192	0,024	0,296
CHR2	14137032	CHR2:14137032	SSF x Far_LoA	-5,15958477	0,199	0,298
CHR2	14140957	CHR2:14140957	SSF x Far_LoA	-9,1351905	0,002	0,321
CHR2	14147395	CHR2:14147395	SSF x Far_LoA	-9,01624884	0,008	0,317
CHR2	14147427	CHR2:14147427	SSF x Far_LoA	-6,66752184	-0,015	0,309
CHR2	14149688	CHR2:14149688	SSF x Far_LoA	-11,5927532	0,028	0,316
CHR2	14159496	CHR2:14159496	SSF x Far_LoA	-7,82434735	0,067	0,317
CHR2	14159871	CHR2:14159871	SSF x Far_LoA	-8,97401559	-0,093	0,315
CHR2	14163548	CHR2:14163548	SSF x Far_LoA	-11,4180881	0,016	0,315
CHR2	14163637	CHR2:14163637	SSF x Far_LoA	-11,0521612	0,089	0,277
CHR2	14163648	CHR2:14163648	SSF x Far_LoA	-8,32651472	-0,037	0,324
CHR2	14163708	CHR2:14163708	SSF x Far_LoA	-9,16712183	-0,091	0,304
CHR2	14183943	CHR2:14183943	SSF x Far_LoA	-7,21432658	-0,143	0,292
CHR2	14183976	CHR2:14183976	SSF x Far_LoA	-10,216205	-0,093	0,303
CHR2	14184033	CHR2:14184033	SSF x Far_LoA	-9,02364616	-0,082	0,299
CHR2	14184638	CHR2:14184638	SSF x Far_LoA	-9,9453125	0,072	0,314
CHR2	14188727	CHR2:14188727	SSF x Far_LoA	-10,204977	0,016	0,301
CHR2	14191283	CHR2:14191283	SSF x Far_LoA	-11,6150721	-0,044	0,311
CHR2	14191321	CHR2:14191321	SSF x Far_LoA	-6,23459682	-0,152	0,299

CHR2	14191399	CHR2:14191399	SSF x Far_LoA	-7,93867478	0,012	0,309
CHR2	1419924	CHR2:1419924	SSF x Far_LoA	-8,0817577	0,118	0,308
CHR2	1420004	CHR2:1420004	SSF x Far_LoA	-7,36049529	0,128	0,287
CHR2	1420055	CHR2:1420055	SSF x Far_LoA	-9,54400906	0,096	0,297
CHR2	1420072	CHR2:1420072	SSF x Far_LoA	-8,54558373	-0,090	0,286
CHR2	1420075	CHR2:1420075	SSF x Far_LoA	-8,03075287	-0,063	0,283
CHR2	1420082	CHR2:1420082	SSF x Far_LoA	-9,10935767	0,034	0,304
CHR2	1420086	CHR2:1420086	SSF x Far_LoA	-8,3670562	-0,064	0,302
CHR2	1420101	CHR2:1420101	SSF x Far_LoA	-7,59452085	0,050	0,298
CHR2	1420156	CHR2:1420156	SSF x Far_LoA	-7,78987341	-0,035	0,313
CHR2	1420191	CHR2:1420191	SSF x Far_LoA	-7,61658992	-0,122	0,312
CHR2	14223195	CHR2:14223195	SSF x Far_LoA	-11,3885084	0,004	0,306
CHR2	14223239	CHR2:14223239	SSF x Far_LoA	-8,92401544	0,054	0,296
CHR2	14223430	CHR2:14223430	SSF x Far_LoA	-11,4073155	-0,049	0,316
CHR2	14229725	CHR2:14229725	SSF x Far_LoA	-9,12095608	-0,142	0,306
CHR2	14229727	CHR2:14229727	SSF x Far_LoA	-8,79510328	-0,025	0,306
CHR2	14229769	CHR2:14229769	SSF x Far_LoA	-5,35631579	0,132	0,318
CHR2	14229781	CHR2:14229781	SSF x Far_LoA	-8,76361507	0,083	0,308
CHR2	14233735	CHR2:14233735	SSF x Far_LoA	-9,30496275	0,162	0,299
CHR2	14233736	CHR2:14233736	SSF x Far_LoA	-11,1401431	-0,007	0,306
CHR2	14233748	CHR2:14233748	SSF x Far_LoA	-9,43875756	0,045	0,309
CHR2	14233792	CHR2:14233792	SSF x Far_LoA	-6,28250498	-0,191	0,288
CHR2	14233864	CHR2:14233864	SSF x Far_LoA	-12,4518523	-0,072	0,299
CHR2	14235413	CHR2:14235413	SSF x Far_LoA	-10,9983381	0,059	0,328
CHR2	14235422	CHR2:14235422	SSF x Far_LoA	-12,3114576	0,055	0,296
CHR2	14235454	CHR2:14235454	SSF x Far_LoA	-10,2561946	-0,155	0,302
CHR2	14235753	CHR2:14235753	SSF x Far_LoA	-11,1569488	-0,061	0,310
CHR2	14235785	CHR2:14235785	SSF x Far_LoA	-8,80899582	-0,100	0,298
CHR2	14235813	CHR2:14235813	SSF x Far_LoA	-10,9008212	0,035	0,302
CHR2	14240972	CHR2:14240972	SSF x Far_LoA	-10,9076744	0,036	0,302
CHR2	14241069	CHR2:14241069	SSF x Far_LoA	-11,4048003	-0,020	0,306
CHR2	14241122	CHR2:14241122	SSF x Far_LoA	-10,4768946	0,100	0,305
CHR2	14246348	CHR2:14246348	SSF x Far_LoA	-9,92821989	-0,141	0,307
CHR2	14246350	CHR2:14246350	SSF x Far_LoA	-5,09127545	0,052	0,312
CHR2	14246415	CHR2:14246415	SSF x Far_LoA	-8,87138572	-0,119	0,312
CHR2	14252807	CHR2:14252807	SSF x Far_LoA	-10,748414	0,051	0,313
CHR2	14254690	CHR2:14254690	SSF x Far_LoA	-10,4766611	-0,114	0,301
CHR2	14254759	CHR2:14254759	SSF x Far_LoA	-10,3351569	-0,099	0,317
CHR2	14254796	CHR2:14254796	SSF x Far_LoA	-9,61294143	-0,119	0,318
CHR2	14254934	CHR2:14254934	SSF x Far_LoA	-10,6269899	-0,072	0,307
CHR2	14257546	CHR2:14257546	SSF x Far_LoA	-8,1566953	0,164	0,298
CHR2	14257667	CHR2:14257667	SSF x Far_LoA	-9,22702017	0,036	0,309
CHR2	14274801	CHR2:14274801	SSF x Far_LoA	-10,3953969	0,040	0,313
CHR2	14274845	CHR2:14274845	SSF x Far_LoA	-9,15933775	-0,007	0,308
CHR2	14274864	CHR2:14274864	SSF x Far_LoA	-8,75182887	-0,028	0,308
CHR2	14274875	CHR2:14274875	SSF x Far_LoA	-7,8491748	-0,019	0,309
CHR2	14274880	CHR2:14274880	SSF x Far_LoA	-10,2059155	-0,041	0,311
CHR2	14274888	CHR2:14274888	SSF x Far_LoA	-9,7934593	-0,032	0,312
CHR2	14274965	CHR2:14274965	SSF x Far_LoA	-8,29171544	-0,018	0,305
CHR2	14274973	CHR2:14274973	SSF x Far_LoA	-10,8539358	0,059	0,302
CHR2	14275019	CHR2:14275019	SSF x Far_LoA	-8,14817723	0,071	0,323
CHR2	14280363	CHR2:14280363	SSF x Far_LoA	-10,6462999	0,056	0,312
CHR2	14281046	CHR2:14281046	SSF x Far_LoA	-9,03137767	-0,149	0,311

CHR2	14281061	CHR2:14281061	SSF x Far_LoA	-9,57640132	0,043	0,300
CHR2	14282273	CHR2:14282273	SSF x Far_LoA	-12,034896	-0,028	0,296
CHR2	14289070	CHR2:14289070	SSF x Far_LoA	-9,62359923	0,105	0,280
CHR2	14289187	CHR2:14289187	SSF x Far_LoA	-3,77714776	0,048	0,316
CHR2	14297621	CHR2:14297621	SSF x Far_LoA	-8,26350909	-0,035	0,309
CHR2	14297674	CHR2:14297674	SSF x Far_LoA	-7,43492553	-0,092	0,303
CHR2	14297678	CHR2:14297678	SSF x Far_LoA	-10,3420869	0,083	0,300
CHR2	14322172	CHR2:14322172	SSF x Far_LoA	-9,93099321	0,080	0,300
CHR2	14322212	CHR2:14322212	SSF x Far_LoA	-7,46490877	0,137	0,296
CHR2	14322233	CHR2:14322233	SSF x Far_LoA	-8,71294062	0,088	0,309
CHR2	14322239	CHR2:14322239	SSF x Far_LoA	-11,2659904	0,117	0,304
CHR2	14322245	CHR2:14322245	SSF x Far_LoA	-8,15434153	0,150	0,302
CHR2	14322312	CHR2:14322312	SSF x Far_LoA	-9,56750985	-0,016	0,330
CHR2	14322317	CHR2:14322317	SSF x Far_LoA	-7,68170945	-0,001	0,312
CHR2	14322321	CHR2:14322321	SSF x Far_LoA	-9,09363713	0,033	0,306
CHR2	14324887	CHR2:14324887	SSF x Far_LoA	-8,49569261	0,115	0,311
CHR2	14340959	CHR2:14340959	SSF x Far_LoA	-8,87225147	-0,030	0,317
CHR2	1434420	CHR2:1434420	SSF x Far_LoA	-10,7814413	0,044	0,294
CHR2	14349818	CHR2:14349818	SSF x Far_LoA	-10,2827951	0,018	0,311
CHR2	14349822	CHR2:14349822	SSF x Far_LoA	-11,0537655	-0,020	0,311
CHR2	14359235	CHR2:14359235	SSF x Far_LoA	-10,062611	0,020	0,314
CHR2	14359287	CHR2:14359287	SSF x Far_LoA	-11,8276996	-0,038	0,292
CHR2	14359291	CHR2:14359291	SSF x Far_LoA	-11,0616959	0,094	0,305
CHR2	14359295	CHR2:14359295	SSF x Far_LoA	-6,84474107	0,002	0,306
CHR2	14359323	CHR2:14359323	SSF x Far_LoA	-12,1393996	0,017	0,306
CHR2	14359340	CHR2:14359340	SSF x Far_LoA	-8,73476986	-0,085	0,307
CHR2	14359341	CHR2:14359341	SSF x Far_LoA	-8,91375344	-0,057	0,301
CHR2	14359352	CHR2:14359352	SSF x Far_LoA	-10,2586194	0,050	0,308
CHR2	14364018	CHR2:14364018	SSF x Far_LoA	-10,6099323	-0,039	0,315
CHR2	14364040	CHR2:14364040	SSF x Far_LoA	-10,9668973	-0,082	0,305
CHR2	14364042	CHR2:14364042	SSF x Far_LoA	-10,7792985	-0,039	0,319
CHR2	14364063	CHR2:14364063	SSF x Far_LoA	-10,3144006	0,015	0,301
CHR2	14364073	CHR2:14364073	SSF x Far_LoA	-9,68431874	0,043	0,303
CHR2	14364076	CHR2:14364076	SSF x Far_LoA	-10,3382727	0,005	0,320
CHR2	14364077	CHR2:14364077	SSF x Far_LoA	-10,4435329	0,045	0,315
CHR2	14364180	CHR2:14364180	SSF x Far_LoA	-9,63519193	0,046	0,309
CHR2	14364201	CHR2:14364201	SSF x Far_LoA	-9,99540445	0,067	0,299
CHR2	14364221	CHR2:14364221	SSF x Far_LoA	-8,33747584	-0,073	0,325
CHR2	14364244	CHR2:14364244	SSF x Far_LoA	-4,18198452	-0,093	0,301
CHR2	14364251	CHR2:14364251	SSF x Far_LoA	-8,82757729	-0,076	0,299
CHR2	14364272	CHR2:14364272	SSF x Far_LoA	-8,68142388	-0,062	0,304
CHR2	14364273	CHR2:14364273	SSF x Far_LoA	-10,4792696	0,011	0,308
CHR2	14367063	CHR2:14367063	SSF x Far_LoA	-9,29837802	-0,107	0,307
CHR2	14367065	CHR2:14367065	SSF x Far_LoA	-8,38395303	-0,082	0,313
CHR2	14372801	CHR2:14372801	SSF x Far_LoA	-2,77159093	0,010	0,306
CHR2	14372841	CHR2:14372841	SSF x Far_LoA	-10,8257519	-0,028	0,302
CHR2	14372901	CHR2:14372901	SSF x Far_LoA	-6,14966129	0,114	0,295
CHR2	14372915	CHR2:14372915	SSF x Far_LoA	-3,35072668	0,080	0,311
CHR2	14372916	CHR2:14372916	SSF x Far_LoA	-6,78883896	0,097	0,306
CHR2	14374814	CHR2:14374814	SSF x Far_LoA	-8,45024793	-0,013	0,316
CHR2	14377725	CHR2:14377725	SSF x Far_LoA	-11,5102349	0,074	0,298
CHR2	14377823	CHR2:14377823	SSF x Far_LoA	-7,98514154	0,030	0,302
CHR2	14379121	CHR2:14379121	SSF x Far_LoA	-8,16372205	-0,168	0,312

CHR2	14385906	CHR2:14385906	SSF x Far_LoA	-7,2178664	-0,124	0,298
CHR2	1439606	CHR2:1439606	SSF x Far_LoA	-10,6479183	0,048	0,304
CHR2	14397435	CHR2:14397435	SSF x Far_LoA	-10,6845743	-0,039	0,302
CHR2	14397547	CHR2:14397547	SSF x Far_LoA	-9,50030337	-0,027	0,300
CHR2	14397580	CHR2:14397580	SSF x Far_LoA	-6,50592134	0,165	0,298
CHR2	14397638	CHR2:14397638	SSF x Far_LoA	-4,28899794	-0,170	0,293
CHR2	14397650	CHR2:14397650	SSF x Far_LoA	-9,5013464	0,053	0,322
CHR2	14397652	CHR2:14397652	SSF x Far_LoA	-0,79640033	0,075	0,306
CHR2	14397668	CHR2:14397668	SSF x Far_LoA	-11,5859907	0,015	0,303
CHR2	14397674	CHR2:14397674	SSF x Far_LoA	-11,0775782	0,027	0,309
CHR2	14397723	CHR2:14397723	SSF x Far_LoA	-9,86904157	0,007	0,318
CHR2	14397727	CHR2:14397727	SSF x Far_LoA	-7,94243608	-0,090	0,301
CHR2	14397754	CHR2:14397754	SSF x Far_LoA	-10,1178402	0,103	0,322
CHR2	14397758	CHR2:14397758	SSF x Far_LoA	-9,51189419	0,002	0,295
CHR2	14397765	CHR2:14397765	SSF x Far_LoA	-8,09943666	0,062	0,309
CHR2	14401168	CHR2:14401168	SSF x Far_LoA	-11,0728242	-0,056	0,309
CHR2	14401181	CHR2:14401181	SSF x Far_LoA	-10,551725	-0,054	0,317
CHR2	14401183	CHR2:14401183	SSF x Far_LoA	-8,80789236	0,060	0,289
CHR2	14401227	CHR2:14401227	SSF x Far_LoA	-10,3539263	-0,077	0,309
CHR2	14401273	CHR2:14401273	SSF x Far_LoA	-7,88713198	-0,063	0,304
CHR2	14401278	CHR2:14401278	SSF x Far_LoA	-8,45722599	-0,049	0,300
CHR2	14412268	CHR2:14412268	SSF x Far_LoA	-11,9557325	-0,026	0,294
CHR2	14417032	CHR2:14417032	SSF x Far_LoA	-2,73999391	-0,047	0,287
CHR2	14417083	CHR2:14417083	SSF x Far_LoA	-9,91385114	0,083	0,298
CHR2	14417095	CHR2:14417095	SSF x Far_LoA	-9,5636032	0,020	0,307
CHR2	14419012	CHR2:14419012	SSF x Far_LoA	-9,69827058	-0,066	0,301
CHR2	14419034	CHR2:14419034	SSF x Far_LoA	-10,9427004	0,045	0,302
CHR2	14419101	CHR2:14419101	SSF x Far_LoA	-10,2053195	-0,124	0,295
CHR2	14419102	CHR2:14419102	SSF x Far_LoA	-7,58921412	-0,128	0,299
CHR2	14419103	CHR2:14419103	SSF x Far_LoA	-8,33665285	-0,136	0,304
CHR2	14425273	CHR2:14425273	SSF x Far_LoA	-10,6273579	-0,077	0,311
CHR2	14425276	CHR2:14425276	SSF x Far_LoA	-5,79756407	0,005	0,318
CHR2	14425326	CHR2:14425326	SSF x Far_LoA	-9,87889859	-0,080	0,309
CHR2	14425339	CHR2:14425339	SSF x Far_LoA	-11,541051	-0,021	0,294
CHR2	14426770	CHR2:14426770	SSF x Far_LoA	-10,0822719	0,054	0,306
CHR2	14426822	CHR2:14426822	SSF x Far_LoA	-8,20174672	0,004	0,309
CHR2	14426831	CHR2:14426831	SSF x Far_LoA	-7,03032885	0,017	0,324
CHR2	14426837	CHR2:14426837	SSF x Far_LoA	-8,476926	0,005	0,309
CHR2	14426840	CHR2:14426840	SSF x Far_LoA	-8,15880222	0,078	0,300
CHR2	14426841	CHR2:14426841	SSF x Far_LoA	-6,10633024	0,125	0,300
CHR2	14426846	CHR2:14426846	SSF x Far_LoA	-12,2984915	0,034	0,304
CHR2	14426867	CHR2:14426867	SSF x Far_LoA	-12,1051506	-0,037	0,301
CHR2	14426876	CHR2:14426876	SSF x Far_LoA	-10,369164	0,048	0,308
CHR2	14426879	CHR2:14426879	SSF x Far_LoA	-10,9164646	0,011	0,310
CHR2	14426887	CHR2:14426887	SSF x Far_LoA	-8,79072051	0,053	0,319
CHR2	14426900	CHR2:14426900	SSF x Far_LoA	-10,421627	0,072	0,316
CHR2	14426907	CHR2:14426907	SSF x Far_LoA	-10,4382792	0,044	0,301
CHR2	14426975	CHR2:14426975	SSF x Far_LoA	-9,48255371	-0,121	0,308
CHR2	14433539	CHR2:14433539	SSF x Far_LoA	-11,6693712	0,029	0,299
CHR2	14433721	CHR2:14433721	SSF x Far_LoA	-7,62707624	0,017	0,309
CHR2	14435616	CHR2:14435616	SSF x Far_LoA	-6,9570987	0,013	0,303
CHR2	14435648	CHR2:14435648	SSF x Far_LoA	-8,69940883	-0,071	0,311
CHR2	14441678	CHR2:14441678	SSF x Far_LoA	-9,96026132	-0,046	0,294

CHR2	14441713	CHR2:14441713	SSF x Far_LoA	-8,75299652	-0,066	0,314
CHR2	14442054	CHR2:14442054	SSF x Far_LoA	-8,95822439	0,073	0,307
CHR2	14442082	CHR2:14442082	SSF x Far_LoA	-11,0136856	-0,105	0,298
CHR2	14442117	CHR2:14442117	SSF x Far_LoA	-11,1834625	0,016	0,316
CHR2	14442187	CHR2:14442187	SSF x Far_LoA	-11,3144722	0,023	0,307
CHR2	1444866	CHR2:1444866	SSF x Far_LoA	-4,51818754	-0,146	0,307
CHR2	1444875	CHR2:1444875	SSF x Far_LoA	-9,52574917	-0,127	0,307
CHR2	1444883	CHR2:1444883	SSF x Far_LoA	-11,5494307	0,115	0,295
CHR2	1444889	CHR2:1444889	SSF x Far_LoA	-7,49198173	-0,028	0,317
CHR2	1444910	CHR2:1444910	SSF x Far_LoA	-5,8962259	-0,061	0,298
CHR2	1444915	CHR2:1444915	SSF x Far_LoA	-11,1257025	0,043	0,307
CHR2	1444916	CHR2:1444916	SSF x Far_LoA	-11,4718823	0,045	0,302
CHR2	1444924	CHR2:1444924	SSF x Far_LoA	-12,0536888	0,001	0,299
CHR2	1444928	CHR2:1444928	SSF x Far_LoA	-7,4977135	-0,040	0,312
CHR2	1444946	CHR2:1444946	SSF x Far_LoA	-9,20236503	0,054	0,315
CHR2	1444957	CHR2:1444957	SSF x Far_LoA	-9,18412843	0,005	0,310
CHR2	1444961	CHR2:1444961	SSF x Far_LoA	-8,83469105	-0,151	0,308
CHR2	1444982	CHR2:1444982	SSF x Far_LoA	-9,00567216	-0,018	0,303
CHR2	1444987	CHR2:1444987	SSF x Far_LoA	-8,50849857	-0,021	0,299
CHR2	1445077	CHR2:1445077	SSF x Far_LoA	-11,5526259	-0,076	0,299
CHR2	1445118	CHR2:1445118	SSF x Far_LoA	-8,50959332	-0,024	0,302
CHR2	14451412	CHR2:14451412	SSF x Far_LoA	-11,1388696	0,065	0,310
CHR2	1447003	CHR2:1447003	SSF x Far_LoA	-8,645799	-0,070	0,315
CHR2	1447007	CHR2:1447007	SSF x Far_LoA	-9,6908218	0,125	0,299
CHR2	1447065	CHR2:1447065	SSF x Far_LoA	-7,22783467	0,041	0,300
CHR2	1447069	CHR2:1447069	SSF x Far_LoA	-8,14015928	0,043	0,311
CHR2	1447108	CHR2:1447108	SSF x Far_LoA	-10,2842258	-0,031	0,302
CHR2	1447112	CHR2:1447112	SSF x Far_LoA	-7,52625608	0,006	0,310
CHR2	1447115	CHR2:1447115	SSF x Far_LoA	-8,83683551	-0,050	0,301
CHR2	1447165	CHR2:1447165	SSF x Far_LoA	-8,92498064	-0,097	0,315
CHR2	1447168	CHR2:1447168	SSF x Far_LoA	-5,4819622	0,115	0,303
CHR2	1447180	CHR2:1447180	SSF x Far_LoA	-10,2766054	-0,052	0,295
CHR2	1447210	CHR2:1447210	SSF x Far_LoA	-10,6595792	-0,033	0,301
CHR2	1447229	CHR2:1447229	SSF x Far_LoA	-9,28719657	-0,017	0,306
CHR2	14479540	CHR2:14479540	SSF x Far_LoA	-10,6201825	-0,052	0,294
CHR2	14479545	CHR2:14479545	SSF x Far_LoA	-9,1452498	0,038	0,306
CHR2	14479561	CHR2:14479561	SSF x Far_LoA	-12,0012774	0,010	0,301
CHR2	14479564	CHR2:14479564	SSF x Far_LoA	-1,45376955	-0,100	0,305
CHR2	14479608	CHR2:14479608	SSF x Far_LoA	-8,92648492	0,012	0,296
CHR2	14479647	CHR2:14479647	SSF x Far_LoA	-10,5105155	0,016	0,307
CHR2	14485511	CHR2:14485511	SSF x Far_LoA	-9,35888732	0,037	0,302
CHR2	14485515	CHR2:14485515	SSF x Far_LoA	-11,8404026	0,010	0,311
CHR2	14485520	CHR2:14485520	SSF x Far_LoA	-11,4206424	0,033	0,312
CHR2	14485521	CHR2:14485521	SSF x Far_LoA	-9,87291084	0,009	0,312
CHR2	14485529	CHR2:14485529	SSF x Far_LoA	-12,0328026	0,036	0,306
CHR2	14485532	CHR2:14485532	SSF x Far_LoA	-12,1246131	0,036	0,306
CHR2	14485597	CHR2:14485597	SSF x Far_LoA	-10,9135468	-0,012	0,310
CHR2	14490376	CHR2:14490376	SSF x Far_LoA	-11,6914827	-0,084	0,304
CHR2	14490800	CHR2:14490800	SSF x Far_LoA	-9,87050168	-0,004	0,319
CHR2	14490820	CHR2:14490820	SSF x Far_LoA	-8,3757379	0,017	0,318
CHR2	14490853	CHR2:14490853	SSF x Far_LoA	-8,28671852	-0,045	0,316
CHR2	14490863	CHR2:14490863	SSF x Far_LoA	-11,3427467	-0,027	0,308
CHR2	14490869	CHR2:14490869	SSF x Far_LoA	-8,24848762	0,139	0,306

CHR2	14490876	CHR2:14490876	SSF x Far_LoA	-8,76389212	0,127	0,291
CHR2	14498113	CHR2:14498113	SSF x Far_LoA	-8,77770318	-0,097	0,287
CHR2	14498176	CHR2:14498176	SSF x Far_LoA	-11,7316805	0,031	0,306
CHR2	14498193	CHR2:14498193	SSF x Far_LoA	-5,13747253	-0,255	0,278
CHR2	14498195	CHR2:14498195	SSF x Far_LoA	-5,75336665	-0,232	0,292
CHR2	14508105	CHR2:14508105	SSF x Far_LoA	-6,46435213	-0,056	0,308
CHR2	14508106	CHR2:14508106	SSF x Far_LoA	-6,39372564	-0,082	0,313
CHR2	14508109	CHR2:14508109	SSF x Far_LoA	-8,05901972	-0,119	0,305
CHR2	14508141	CHR2:14508141	SSF x Far_LoA	-8,67671654	-0,029	0,322
CHR2	14508175	CHR2:14508175	SSF x Far_LoA	-6,18401621	-0,192	0,284
CHR2	14508196	CHR2:14508196	SSF x Far_LoA	-7,56187805	-0,162	0,291
CHR2	14508576	CHR2:14508576	SSF x Far_LoA	-10,8061818	0,039	0,315
CHR2	14508577	CHR2:14508577	SSF x Far_LoA	-7,32296803	-0,161	0,297
CHR2	14508615	CHR2:14508615	SSF x Far_LoA	-8,58594968	-0,024	0,315
CHR2	14508624	CHR2:14508624	SSF x Far_LoA	-7,90492859	-0,111	0,322
CHR2	14508654	CHR2:14508654	SSF x Far_LoA	-9,21689253	-0,102	0,298
CHR2	14523367	CHR2:14523367	SSF x Far_LoA	-7,13183362	-0,124	0,301
CHR2	14523375	CHR2:14523375	SSF x Far_LoA	-8,78813715	0,083	0,298
CHR2	14523392	CHR2:14523392	SSF x Far_LoA	-9,07783359	0,128	0,301
CHR2	14523415	CHR2:14523415	SSF x Far_LoA	-9,37702611	-0,104	0,304
CHR2	14523435	CHR2:14523435	SSF x Far_LoA	-11,5157893	-0,019	0,304
CHR2	14523454	CHR2:14523454	SSF x Far_LoA	-10,435182	-0,001	0,299
CHR2	1452686	CHR2:1452686	SSF x Far_LoA	-9,38601538	-0,122	0,319
CHR2	1452950	CHR2:1452950	SSF x Far_LoA	-8,30653527	-0,159	0,300
CHR2	1452986	CHR2:1452986	SSF x Far_LoA	-12,186699	-0,002	0,308
CHR2	1452992	CHR2:1452992	SSF x Far_LoA	-10,4092161	-0,005	0,310
CHR2	1452993	CHR2:1452993	SSF x Far_LoA	-10,9413669	-0,112	0,306
CHR2	1453043	CHR2:1453043	SSF x Far_LoA	-6,57007543	0,169	0,295
CHR2	1453083	CHR2:1453083	SSF x Far_LoA	-9,29313699	0,051	0,282
CHR2	14547609	CHR2:14547609	SSF x Far_LoA	-5,9274877	0,075	0,303
CHR2	14547612	CHR2:14547612	SSF x Far_LoA	-2,64277498	0,072	0,308
CHR2	14547619	CHR2:14547619	SSF x Far_LoA	-6,07849671	0,185	0,296
CHR2	14547718	CHR2:14547718	SSF x Far_LoA	-4,2487171	-0,113	0,331
CHR2	14547729	CHR2:14547729	SSF x Far_LoA	-11,3547919	0,109	0,298
CHR2	14547742	CHR2:14547742	SSF x Far_LoA	-4,33563199	-0,017	0,307
CHR2	14547823	CHR2:14547823	SSF x Far_LoA	-9,49295626	0,006	0,315
CHR2	14547845	CHR2:14547845	SSF x Far_LoA	-7,52228398	-0,012	0,311
CHR2	14547870	CHR2:14547870	SSF x Far_LoA	-6,94563015	-0,003	0,321
CHR2	14547904	CHR2:14547904	SSF x Far_LoA	-9,63311197	-0,043	0,298
CHR2	14547910	CHR2:14547910	SSF x Far_LoA	-7,75973228	0,026	0,314
CHR2	14553828	CHR2:14553828	SSF x Far_LoA	-8,9416224	0,130	0,298
CHR2	14553899	CHR2:14553899	SSF x Far_LoA	-10,8550343	-0,073	0,300
CHR2	14553917	CHR2:14553917	SSF x Far_LoA	-8,29217686	-0,109	0,311
CHR2	14553949	CHR2:14553949	SSF x Far_LoA	-8,40604331	-0,053	0,301
CHR2	14553958	CHR2:14553958	SSF x Far_LoA	-10,0492987	0,019	0,285
CHR2	14553971	CHR2:14553971	SSF x Far_LoA	-9,08492947	-0,032	0,306
CHR2	14553973	CHR2:14553973	SSF x Far_LoA	-9,85603266	-0,077	0,319
CHR2	14554025	CHR2:14554025	SSF x Far_LoA	-7,53955595	-0,042	0,302
CHR2	1455509	CHR2:1455509	SSF x Far_LoA	-10,8738426	0,037	0,313
CHR2	1455511	CHR2:1455511	SSF x Far_LoA	-9,58401946	0,054	0,312
CHR2	14572598	CHR2:14572598	SSF x Far_LoA	-10,923489	0,039	0,300
CHR2	14572603	CHR2:14572603	SSF x Far_LoA	-10,9261991	0,061	0,310
CHR2	14572604	CHR2:14572604	SSF x Far_LoA	-10,2420577	0,016	0,303

CHR2	14572615	CHR2:14572615	SSF x Far_LoA	-12,0341884	0,055	0,299
CHR2	14572623	CHR2:14572623	SSF x Far_LoA	-11,2798877	0,032	0,311
CHR2	14572627	CHR2:14572627	SSF x Far_LoA	-10,4705612	0,027	0,307
CHR2	14572652	CHR2:14572652	SSF x Far_LoA	-9,63104906	0,023	0,307
CHR2	14572747	CHR2:14572747	SSF x Far_LoA	-8,36875357	-0,006	0,314
CHR2	14572768	CHR2:14572768	SSF x Far_LoA	-8,38772923	0,018	0,315
CHR2	14572828	CHR2:14572828	SSF x Far_LoA	-9,42538443	-0,041	0,300
CHR2	14572838	CHR2:14572838	SSF x Far_LoA	-8,38644685	0,135	0,306
CHR2	14572839	CHR2:14572839	SSF x Far_LoA	-11,9331299	0,022	0,311
CHR2	14572856	CHR2:14572856	SSF x Far_LoA	-10,8507365	0,073	0,300
CHR2	14586841	CHR2:14586841	SSF x Far_LoA	-10,3953446	0,004	0,318
CHR2	14586945	CHR2:14586945	SSF x Far_LoA	-9,63572999	-0,089	0,305
CHR2	14586962	CHR2:14586962	SSF x Far_LoA	-5,29352105	-0,058	0,307
CHR2	14599932	CHR2:14599932	SSF x Far_LoA	-10,7551233	-0,087	0,308
CHR2	14599959	CHR2:14599959	SSF x Far_LoA	-10,1677152	-0,014	0,303
CHR2	14600083	CHR2:14600083	SSF x Far_LoA	-7,556313	-0,121	0,299
CHR2	14600090	CHR2:14600090	SSF x Far_LoA	-11,517394	0,000	0,316
CHR2	14600220	CHR2:14600220	SSF x Far_LoA	-5,8531442	0,112	0,303
CHR2	14600228	CHR2:14600228	SSF x Far_LoA	-11,0235138	-0,029	0,303
CHR2	14600265	CHR2:14600265	SSF x Far_LoA	-11,7666314	-0,018	0,310
CHR2	14605240	CHR2:14605240	SSF x Far_LoA	-8,15534269	0,043	0,313
CHR2	14605273	CHR2:14605273	SSF x Far_LoA	-7,73799803	0,095	0,310
CHR2	14605460	CHR2:14605460	SSF x Far_LoA	-10,0250707	-0,030	0,287
CHR2	14605486	CHR2:14605486	SSF x Far_LoA	-9,11174234	-0,133	0,319
CHR2	14608583	CHR2:14608583	SSF x Far_LoA	-11,8518199	-0,009	0,314
CHR2	14608603	CHR2:14608603	SSF x Far_LoA	-9,47921061	0,014	0,312
CHR2	14608624	CHR2:14608624	SSF x Far_LoA	-10,838721	0,115	0,309
CHR2	14608627	CHR2:14608627	SSF x Far_LoA	-9,58378586	0,000	0,305
CHR2	14608644	CHR2:14608644	SSF x Far_LoA	-9,40959393	-0,006	0,307
CHR2	14608658	CHR2:14608658	SSF x Far_LoA	15,490885	-0,053	0,307
CHR2	14630189	CHR2:14630189	SSF x Far_LoA	-9,08930829	-0,026	0,305
CHR2	14632994	CHR2:14632994	SSF x Far_LoA	-9,15348217	-0,032	0,321
CHR2	14632998	CHR2:14632998	SSF x Far_LoA	-10,3240839	-0,091	0,312
CHR2	14633013	CHR2:14633013	SSF x Far_LoA	-9,33137068	-0,106	0,313
CHR2	14633080	CHR2:14633080	SSF x Far_LoA	-4,84723562	0,116	0,304
CHR2	14633094	CHR2:14633094	SSF x Far_LoA	-6,01675888	0,100	0,313
CHR2	14633156	CHR2:14633156	SSF x Far_LoA	-9,19686938	0,092	0,305
CHR2	14639155	CHR2:14639155	SSF x Far_LoA	-8,80231419	-0,068	0,313
CHR2	14639235	CHR2:14639235	SSF x Far_LoA	-7,9993634	0,045	0,288
CHR2	14661815	CHR2:14661815	SSF x Far_LoA	-10,4157037	0,056	0,313
CHR2	14661853	CHR2:14661853	SSF x Far_LoA	-9,48339845	0,109	0,301
CHR2	14661905	CHR2:14661905	SSF x Far_LoA	-9,56445943	-0,038	0,320
CHR2	14662001	CHR2:14662001	SSF x Far_LoA	-10,7198898	-0,024	0,306
CHR2	14662012	CHR2:14662012	SSF x Far_LoA	-10,9390605	-0,017	0,299
CHR2	14662037	CHR2:14662037	SSF x Far_LoA	-5,79262583	-0,145	0,317
CHR2	14662044	CHR2:14662044	SSF x Far_LoA	-8,67212863	-0,030	0,315
CHR2	14662056	CHR2:14662056	SSF x Far_LoA	-11,325068	-0,037	0,305
CHR2	14662090	CHR2:14662090	SSF x Far_LoA	-9,30233953	-0,018	0,302
CHR2	14711004	CHR2:14711004	SSF x Far_LoA	-8,97656401	0,009	0,310
CHR2	14711012	CHR2:14711012	SSF x Far_LoA	-11,0041326	-0,002	0,303
CHR2	14711017	CHR2:14711017	SSF x Far_LoA	-10,3272306	0,037	0,316
CHR2	14711018	CHR2:14711018	SSF x Far_LoA	-9,75381318	0,049	0,306
CHR2	14711019	CHR2:14711019	SSF x Far_LoA	-8,47616772	-0,056	0,314

CHR2	14711054	CHR2:14711054	SSF x Far_LoA	-9,9141107	-0,040	0,314
CHR2	14711070	CHR2:14711070	SSF x Far_LoA	-8,44304785	-0,062	0,303
CHR2	14711097	CHR2:14711097	SSF x Far_LoA	-10,8098977	-0,082	0,305
CHR2	14711101	CHR2:14711101	SSF x Far_LoA	-10,729719	0,021	0,311
CHR2	14711118	CHR2:14711118	SSF x Far_LoA	-10,6968019	-0,052	0,301
CHR2	14713393	CHR2:14713393	SSF x Far_LoA	-11,3120417	-0,072	0,304
CHR2	14713395	CHR2:14713395	SSF x Far_LoA	-5,84869712	-0,101	0,325
CHR2	14713402	CHR2:14713402	SSF x Far_LoA	-9,41849666	0,059	0,301
CHR2	14713407	CHR2:14713407	SSF x Far_LoA	-9,52011895	0,007	0,297
CHR2	14713414	CHR2:14713414	SSF x Far_LoA	-10,7971058	-0,057	0,309
CHR2	14713439	CHR2:14713439	SSF x Far_LoA	-10,4286298	-0,105	0,308
CHR2	14713442	CHR2:14713442	SSF x Far_LoA	-9,41722968	0,065	0,306
CHR2	14719359	CHR2:14719359	SSF x Far_LoA	-8,26382977	-0,048	0,319
CHR2	14719416	CHR2:14719416	SSF x Far_LoA	-8,98141904	-0,055	0,300
CHR2	14723152	CHR2:14723152	SSF x Far_LoA	-10,7929384	0,045	0,283
CHR2	14723243	CHR2:14723243	SSF x Far_LoA	-8,60562777	-0,019	0,304
CHR2	14723259	CHR2:14723259	SSF x Far_LoA	-9,41089545	0,114	0,305
CHR2	14723311	CHR2:14723311	SSF x Far_LoA	-10,3135362	0,002	0,316
CHR2	14723320	CHR2:14723320	SSF x Far_LoA	-10,1120437	0,002	0,326
CHR2	14724818	CHR2:14724818	SSF x Far_LoA	-8,9888265	-0,122	0,295
CHR2	14724868	CHR2:14724868	SSF x Far_LoA	-6,81428207	-0,088	0,319
CHR2	14724871	CHR2:14724871	SSF x Far_LoA	-10,7902793	0,037	0,300
CHR2	14742785	CHR2:14742785	SSF x Far_LoA	-9,028302	-0,040	0,300
CHR2	14742807	CHR2:14742807	SSF x Far_LoA	-9,87701432	-0,035	0,312
CHR2	14742825	CHR2:14742825	SSF x Far_LoA	-10,4701428	-0,004	0,299
CHR2	14747105	CHR2:14747105	SSF x Far_LoA	-8,47153982	0,005	0,309
CHR2	14748478	CHR2:14748478	SSF x Far_LoA	-9,43301	0,026	0,296
CHR2	14748511	CHR2:14748511	SSF x Far_LoA	-11,203543	0,025	0,300
CHR2	14748514	CHR2:14748514	SSF x Far_LoA	-11,9100614	0,027	0,295
CHR2	14748601	CHR2:14748601	SSF x Far_LoA	-11,8381886	-0,041	0,305
CHR2	14762872	CHR2:14762872	SSF x Far_LoA	-9,59040892	0,016	0,302
CHR2	14762874	CHR2:14762874	SSF x Far_LoA	-1,68481869	0,026	0,293
CHR2	14762890	CHR2:14762890	SSF x Far_LoA	-9,97979633	0,067	0,304
CHR2	14762962	CHR2:14762962	SSF x Far_LoA	-7,06725885	-0,132	0,314
CHR2	14765693	CHR2:14765693	SSF x Far_LoA	-10,4079334	0,082	0,293
CHR2	14765709	CHR2:14765709	SSF x Far_LoA	-3,45481104	-0,091	0,304
CHR2	14765711	CHR2:14765711	SSF x Far_LoA	-8,1807114	0,085	0,301
CHR2	14765734	CHR2:14765734	SSF x Far_LoA	-6,27749403	-0,014	0,302
CHR2	14765796	CHR2:14765796	SSF x Far_LoA	-11,5301334	-0,061	0,283
CHR2	14773232	CHR2:14773232	SSF x Far_LoA	-9,74940447	-0,002	0,298
CHR2	14773272	CHR2:14773272	SSF x Far_LoA	-8,27297459	-0,104	0,302
CHR2	14773295	CHR2:14773295	SSF x Far_LoA	-10,2550026	0,165	0,299
CHR2	14773303	CHR2:14773303	SSF x Far_LoA	-9,88882034	-0,094	0,308
CHR2	14773310	CHR2:14773310	SSF x Far_LoA	-7,45600196	-0,050	0,320
CHR2	14773360	CHR2:14773360	SSF x Far_LoA	-9,16599092	-0,029	0,300
CHR2	14774961	CHR2:14774961	SSF x Far_LoA	-10,1551847	0,014	0,304
CHR2	14806582	CHR2:14806582	SSF x Far_LoA	-9,79084148	-0,020	0,307
CHR2	14806608	CHR2:14806608	SSF x Far_LoA	-11,8672401	-0,062	0,298
CHR2	14806610	CHR2:14806610	SSF x Far_LoA	-9,31021273	-0,081	0,302
CHR2	14806650	CHR2:14806650	SSF x Far_LoA	-9,99382151	-0,023	0,310
CHR2	14806673	CHR2:14806673	SSF x Far_LoA	-11,5560533	-0,054	0,305
CHR2	14820561	CHR2:14820561	SSF x Far_LoA	-8,31310337	0,073	0,311
CHR2	14820566	CHR2:14820566	SSF x Far_LoA	-8,96488391	0,019	0,304

CHR2	14820568	CHR2:14820568	SSF x Far_LoA	-8,97984037	0,024	0,316
CHR2	14820641	CHR2:14820641	SSF x Far_LoA	-4,53472502	0,102	0,312
CHR2	14820779	CHR2:14820779	SSF x Far_LoA	-9,44572828	-0,019	0,318
CHR2	14822706	CHR2:14822706	SSF x Far_LoA	-8,01400203	0,215	0,292
CHR2	14828021	CHR2:14828021	SSF x Far_LoA	-9,95584489	-0,083	0,309
CHR2	14834716	CHR2:14834716	SSF x Far_LoA	-10,9695462	0,014	0,310
CHR2	14834764	CHR2:14834764	SSF x Far_LoA	-9,41134342	-0,008	0,311
CHR2	14834844	CHR2:14834844	SSF x Far_LoA	-10,2675288	0,018	0,300
CHR2	14835802	CHR2:14835802	SSF x Far_LoA	-10,8541254	-0,048	0,315
CHR2	14841869	CHR2:14841869	SSF x Far_LoA	-7,70270461	0,160	0,294
CHR2	14841960	CHR2:14841960	SSF x Far_LoA	-10,5869064	0,041	0,309
CHR2	14842353	CHR2:14842353	SSF x Far_LoA	-11,3433922	-0,010	0,314
CHR2	14842366	CHR2:14842366	SSF x Far_LoA	-9,58387799	-0,033	0,311
CHR2	14842444	CHR2:14842444	SSF x Far_LoA	-10,1052682	0,054	0,310
CHR2	14844146	CHR2:14844146	SSF x Far_LoA	-8,58850921	-0,137	0,327
CHR2	14844151	CHR2:14844151	SSF x Far_LoA	-9,57437367	0,093	0,310
CHR2	14844176	CHR2:14844176	SSF x Far_LoA	-9,66726271	0,007	0,299
CHR2	14844177	CHR2:14844177	SSF x Far_LoA	-8,29316218	-0,050	0,310
CHR2	14844225	CHR2:14844225	SSF x Far_LoA	-10,6578259	-0,005	0,307
CHR2	14844385	CHR2:14844385	SSF x Far_LoA	-6,84707381	0,098	0,303
CHR2	14850433	CHR2:14850433	SSF x Far_LoA	-9,75672334	0,001	0,302
CHR2	14850475	CHR2:14850475	SSF x Far_LoA	-9,72043275	-0,049	0,302
CHR2	14850689	CHR2:14850689	SSF x Far_LoA	-8,7846954	-0,065	0,306
CHR2	14850690	CHR2:14850690	SSF x Far_LoA	-8,36046644	-0,057	0,310
CHR2	14850694	CHR2:14850694	SSF x Far_LoA	-10,2016963	-0,055	0,314
CHR2	14850697	CHR2:14850697	SSF x Far_LoA	-10,0894205	-0,022	0,322
CHR2	14850712	CHR2:14850712	SSF x Far_LoA	-10,3496238	-0,033	0,307
CHR2	14851944	CHR2:14851944	SSF x Far_LoA	-10,5511044	-0,072	0,307
CHR2	14851965	CHR2:14851965	SSF x Far_LoA	-9,94039104	-0,046	0,307
CHR2	14851997	CHR2:14851997	SSF x Far_LoA	-10,9807897	0,035	0,317
CHR2	14852008	CHR2:14852008	SSF x Far_LoA	-9,58308829	-0,047	0,305
CHR2	14852032	CHR2:14852032	SSF x Far_LoA	-9,44217319	0,019	0,306
CHR2	14852073	CHR2:14852073	SSF x Far_LoA	-9,04561128	0,041	0,318
CHR2	14852106	CHR2:14852106	SSF x Far_LoA	-9,42418118	0,056	0,300
CHR2	14852145	CHR2:14852145	SSF x Far_LoA	-9,48213102	-0,115	0,303
CHR2	14852187	CHR2:14852187	SSF x Far_LoA	-11,0210935	-0,110	0,297
CHR2	14852208	CHR2:14852208	SSF x Far_LoA	-8,54617934	0,026	0,312
CHR2	14856910	CHR2:14856910	SSF x Far_LoA	-11,5747317	0,018	0,299
CHR2	14856966	CHR2:14856966	SSF x Far_LoA	-8,21260195	-0,012	0,313
CHR2	14857004	CHR2:14857004	SSF x Far_LoA	-1,11945995	0,201	0,291
CHR2	14857056	CHR2:14857056	SSF x Far_LoA	-12,1409174	-0,045	0,299
CHR2	14857070	CHR2:14857070	SSF x Far_LoA	-3,51855285	0,204	0,311
CHR2	14857094	CHR2:14857094	SSF x Far_LoA	-11,6309817	-0,036	0,305
CHR2	14857100	CHR2:14857100	SSF x Far_LoA	-11,6905863	-0,041	0,306
CHR2	14857174	CHR2:14857174	SSF x Far_LoA	-9,05745841	0,058	0,309
CHR2	14860715	CHR2:14860715	SSF x Far_LoA	-10,7440524	0,008	0,297
CHR2	14860738	CHR2:14860738	SSF x Far_LoA	-11,6090862	-0,038	0,301
CHR2	14860818	CHR2:14860818	SSF x Far_LoA	-9,0059073	-0,050	0,315
CHR2	14865244	CHR2:14865244	SSF x Far_LoA	-10,0510492	-0,001	0,308
CHR2	14865279	CHR2:14865279	SSF x Far_LoA	-9,69639993	0,025	0,314
CHR2	14867025	CHR2:14867025	SSF x Far_LoA	-11,6356029	0,017	0,303
CHR2	14867033	CHR2:14867033	SSF x Far_LoA	-9,69343204	-0,026	0,310
CHR2	14867047	CHR2:14867047	SSF x Far_LoA	-9,00160697	0,046	0,313

CHR2	14867110	CHR2:14867110	SSF x Far_LoA	-9,74247528	-0,086	0,304
CHR2	14869643	CHR2:14869643	SSF x Far_LoA	-10,3274167	-0,014	0,313
CHR2	14869736	CHR2:14869736	SSF x Far_LoA	-9,0699318	0,060	0,303
CHR2	14883715	CHR2:14883715	SSF x Far_LoA	-8,46311137	0,040	0,302
CHR2	14883741	CHR2:14883741	SSF x Far_LoA	-2,98837473	-0,071	0,310
CHR2	14883761	CHR2:14883761	SSF x Far_LoA	-9,61428503	-0,033	0,297
CHR2	14883763	CHR2:14883763	SSF x Far_LoA	-8,94668949	-0,054	0,322
CHR2	14883805	CHR2:14883805	SSF x Far_LoA	-10,9330885	-0,036	0,292
CHR2	14890942	CHR2:14890942	SSF x Far_LoA	-8,65748072	-0,117	0,294
CHR2	14891017	CHR2:14891017	SSF x Far_LoA	-11,7957459	0,065	0,289
CHR2	1489226	CHR2:1489226	SSF x Far_LoA	-10,634801	-0,034	0,320
CHR2	1489459	CHR2:1489459	SSF x Far_LoA	-12,0395861	-0,006	0,292
CHR2	14897498	CHR2:14897498	SSF x Far_LoA	-7,9900712	-0,019	0,327
CHR2	14897562	CHR2:14897562	SSF x Far_LoA	-9,39534062	-0,019	0,309
CHR2	14897578	CHR2:14897578	SSF x Far_LoA	-7,57284177	-0,009	0,306
CHR2	14897580	CHR2:14897580	SSF x Far_LoA	-7,87512908	0,003	0,316
CHR2	14897585	CHR2:14897585	SSF x Far_LoA	-8,27662867	-0,001	0,320
CHR2	14897596	CHR2:14897596	SSF x Far_LoA	-8,42983648	0,010	0,312
CHR2	14897610	CHR2:14897610	SSF x Far_LoA	-8,62022963	-0,005	0,321
CHR2	14897613	CHR2:14897613	SSF x Far_LoA	-7,88518399	-0,017	0,323
CHR2	14897616	CHR2:14897616	SSF x Far_LoA	-8,56591409	-0,003	0,332
CHR2	14906598	CHR2:14906598	SSF x Far_LoA	-11,0605352	-0,046	0,299
CHR2	14906602	CHR2:14906602	SSF x Far_LoA	-5,92034621	0,097	0,298
CHR2	14906615	CHR2:14906615	SSF x Far_LoA	-5,98231307	-0,068	0,305
CHR2	14906649	CHR2:14906649	SSF x Far_LoA	-7,95667775	-0,101	0,300
CHR2	14906683	CHR2:14906683	SSF x Far_LoA	-8,53370471	-0,094	0,296
CHR2	14906686	CHR2:14906686	SSF x Far_LoA	-9,98407539	0,018	0,309
CHR2	14907025	CHR2:14907025	SSF x Far_LoA	-3,42240588	0,077	0,306
CHR2	14907038	CHR2:14907038	SSF x Far_LoA	-7,36425303	0,093	0,311
CHR2	14907114	CHR2:14907114	SSF x Far_LoA	-8,86242365	-0,101	0,304
CHR2	14907139	CHR2:14907139	SSF x Far_LoA	-7,60369998	0,124	0,306
CHR2	14911393	CHR2:14911393	SSF x Far_LoA	-11,0891632	-0,087	0,305
CHR2	14911443	CHR2:14911443	SSF x Far_LoA	-9,34649976	-0,065	0,303
CHR2	14914470	CHR2:14914470	SSF x Far_LoA	-9,36856793	0,005	0,319
CHR2	14914533	CHR2:14914533	SSF x Far_LoA	-7,00772085	-0,075	0,296
CHR2	14914539	CHR2:14914539	SSF x Far_LoA	-6,7822337	0,048	0,303
CHR2	14914553	CHR2:14914553	SSF x Far_LoA	-11,6058991	0,018	0,294
CHR2	14921724	CHR2:14921724	SSF x Far_LoA	-6,40623592	-0,043	0,306
CHR2	14921729	CHR2:14921729	SSF x Far_LoA	-8,92544425	-0,025	0,300
CHR2	14926875	CHR2:14926875	SSF x Far_LoA	-9,47527485	-0,075	0,308
CHR2	14926968	CHR2:14926968	SSF x Far_LoA	-10,6334522	-0,073	0,293
CHR2	14927124	CHR2:14927124	SSF x Far_LoA	-9,02340319	-0,013	0,304
CHR2	14930585	CHR2:14930585	SSF x Far_LoA	-10,486586	0,049	0,317
CHR2	14930589	CHR2:14930589	SSF x Far_LoA	-9,17215228	0,067	0,301
CHR2	14930602	CHR2:14930602	SSF x Far_LoA	-10,6009659	-0,078	0,315
CHR2	14930753	CHR2:14930753	SSF x Far_LoA	-6,77364361	0,035	0,312
CHR2	14933842	CHR2:14933842	SSF x Far_LoA	-11,3370364	0,004	0,312
CHR2	14933861	CHR2:14933861	SSF x Far_LoA	-11,5867688	-0,005	0,310
CHR2	14933881	CHR2:14933881	SSF x Far_LoA	-10,560611	-0,031	0,314
CHR2	14933894	CHR2:14933894	SSF x Far_LoA	-7,98407872	0,110	0,305
CHR2	14933898	CHR2:14933898	SSF x Far_LoA	-9,08012613	-0,002	0,318
CHR2	14933942	CHR2:14933942	SSF x Far_LoA	-7,67206027	0,056	0,314
CHR2	14933955	CHR2:14933955	SSF x Far_LoA	-9,44934183	0,027	0,305

CHR2	14934292	CHR2:14934292	SSF x Far_LoA	-8,51720848	-0,075	0,325
CHR2	14937259	CHR2:14937259	SSF x Far_LoA	-9,14311993	0,033	0,288
CHR2	14957130	CHR2:14957130	SSF x Far_LoA	-9,20848908	-0,072	0,310
CHR2	14957180	CHR2:14957180	SSF x Far_LoA	-6,93903002	0,023	0,311
CHR2	14957184	CHR2:14957184	SSF x Far_LoA	-12,1079259	0,044	0,314
CHR2	14957294	CHR2:14957294	SSF x Far_LoA	-7,96597829	-0,067	0,311
CHR2	14957395	CHR2:14957395	SSF x Far_LoA	-7,3085833	-0,043	0,314
CHR2	14957440	CHR2:14957440	SSF x Far_LoA	-8,11964563	-0,090	0,299
CHR2	14959345	CHR2:14959345	SSF x Far_LoA	-8,98087229	-0,031	0,305
CHR2	14964091	CHR2:14964091	SSF x Far_LoA	-6,90361993	-0,153	0,311
CHR2	14971033	CHR2:14971033	SSF x Far_LoA	-7,94076705	-0,072	0,315
CHR2	1497379	CHR2:1497379	SSF x Far_LoA	-9,01153458	0,029	0,316
CHR2	14978255	CHR2:14978255	SSF x Far_LoA	-8,28577309	-0,101	0,308
CHR2	14978371	CHR2:14978371	SSF x Far_LoA	-8,31977169	-0,013	0,318
CHR2	14994214	CHR2:14994214	SSF x Far_LoA	-11,2226197	-0,018	0,307
CHR2	14994327	CHR2:14994327	SSF x Far_LoA	-8,20982559	-0,147	0,299
CHR2	14998254	CHR2:14998254	SSF x Far_LoA	-9,51655095	-0,061	0,307
CHR2	15000921	CHR2:15000921	SSF x Far_LoA	-11,7397149	-0,038	0,298
CHR2	15003079	CHR2:15003079	SSF x Far_LoA	-8,67617315	-0,161	0,318
CHR2	15003545	CHR2:15003545	SSF x Far_LoA	-11,5045264	-0,075	0,317
CHR2	15007394	CHR2:15007394	SSF x Far_LoA	-6,46210662	-0,040	0,307
CHR2	15018729	CHR2:15018729	SSF x Far_LoA	-9,88420281	-0,007	0,316
CHR2	15018772	CHR2:15018772	SSF x Far_LoA	-9,57617635	0,019	0,314
CHR2	15018833	CHR2:15018833	SSF x Far_LoA	-11,4880546	-0,080	0,308
CHR2	15018834	CHR2:15018834	SSF x Far_LoA	-9,74836506	0,028	0,297
CHR2	15022834	CHR2:15022834	SSF x Far_LoA	-10,3722541	0,061	0,307
CHR2	15022856	CHR2:15022856	SSF x Far_LoA	-9,31855679	-0,083	0,310
CHR2	15023080	CHR2:15023080	SSF x Far_LoA	-11,5010006	-0,047	0,300
CHR2	15023087	CHR2:15023087	SSF x Far_LoA	-6,83007961	-0,174	0,296
CHR2	15023104	CHR2:15023104	SSF x Far_LoA	-7,18207053	-0,150	0,303
CHR2	15023121	CHR2:15023121	SSF x Far_LoA	-4,60325556	-0,161	0,300
CHR2	15023129	CHR2:15023129	SSF x Far_LoA	-6,28458037	-0,166	0,306
CHR2	15023154	CHR2:15023154	SSF x Far_LoA	-10,3662145	0,144	0,304
CHR2	15026798	CHR2:15026798	SSF x Far_LoA	-10,7436088	0,097	0,293
CHR2	15026934	CHR2:15026934	SSF x Far_LoA	-8,85746066	0,091	0,297
CHR2	15026935	CHR2:15026935	SSF x Far_LoA	-8,84445662	0,049	0,303
CHR2	15030009	CHR2:15030009	SSF x Far_LoA	-10,4226942	0,075	0,313
CHR2	15030851	CHR2:15030851	SSF x Far_LoA	-8,41207411	-0,108	0,285
CHR2	15030857	CHR2:15030857	SSF x Far_LoA	-2,30155229	0,176	0,289
CHR2	15030917	CHR2:15030917	SSF x Far_LoA	-10,4723673	-0,098	0,297
CHR2	15030982	CHR2:15030982	SSF x Far_LoA	-8,9888355	0,089	0,302
CHR2	15031009	CHR2:15031009	SSF x Far_LoA	-8,78504258	0,036	0,302
CHR2	15031030	CHR2:15031030	SSF x Far_LoA	-10,7040685	-0,123	0,282
CHR2	15039119	CHR2:15039119	SSF x Far_LoA	-5,56389746	-0,086	0,304
CHR2	15039154	CHR2:15039154	SSF x Far_LoA	-7,6032466	-0,100	0,286
CHR2	15039175	CHR2:15039175	SSF x Far_LoA	-8,26301973	-0,126	0,300
CHR2	15039248	CHR2:15039248	SSF x Far_LoA	-10,2016581	0,070	0,310
CHR2	15039274	CHR2:15039274	SSF x Far_LoA	-10,0905527	0,098	0,293
CHR2	15039307	CHR2:15039307	SSF x Far_LoA	-4,42735826	-0,068	0,316
CHR2	15039328	CHR2:15039328	SSF x Far_LoA	-9,28462973	-0,017	0,300
CHR2	15043122	CHR2:15043122	SSF x Far_LoA	-11,8138525	0,006	0,301
CHR2	15043161	CHR2:15043161	SSF x Far_LoA	-6,67489945	0,132	0,324
CHR2	15043176	CHR2:15043176	SSF x Far_LoA	-9,07187385	-0,157	0,291

CHR2	15043181	CHR2:15043181	SSF x Far_LoA	-4,67690286	0,148	0,304
CHR2	15044983	CHR2:15044983	SSF x Far_LoA	-9,94452667	-0,056	0,295
CHR2	1505980	CHR2:1505980	SSF x Far_LoA	-11,6668866	0,050	0,313
CHR2	1505984	CHR2:1505984	SSF x Far_LoA	-10,8374777	-0,012	0,299
CHR2	15060270	CHR2:15060270	SSF x Far_LoA	-9,76147934	-0,075	0,303
CHR2	15060272	CHR2:15060272	SSF x Far_LoA	-8,39514521	-0,095	0,315
CHR2	15060291	CHR2:15060291	SSF x Far_LoA	-10,5131152	-0,077	0,296
CHR2	15060304	CHR2:15060304	SSF x Far_LoA	-8,61695897	-0,013	0,315
CHR2	1506041	CHR2:1506041	SSF x Far_LoA	-5,45353556	-0,094	0,311
CHR2	15060553	CHR2:15060553	SSF x Far_LoA	-9,20780114	0,053	0,302
CHR2	15060566	CHR2:15060566	SSF x Far_LoA	-9,25595348	0,023	0,298
CHR2	15060624	CHR2:15060624	SSF x Far_LoA	-8,5413381	0,054	0,304
CHR2	15068992	CHR2:15068992	SSF x Far_LoA	-8,84533211	0,064	0,300
CHR2	15069136	CHR2:15069136	SSF x Far_LoA	-9,58004972	0,115	0,296
CHR2	1507802	CHR2:1507802	SSF x Far_LoA	-10,734887	0,009	0,312
CHR2	1507835	CHR2:1507835	SSF x Far_LoA	-10,7574462	-0,089	0,304
CHR2	1507985	CHR2:1507985	SSF x Far_LoA	-10,2028469	-0,002	0,310
CHR2	1507992	CHR2:1507992	SSF x Far_LoA	-5,9629461	-0,086	0,319
CHR2	1508008	CHR2:1508008	SSF x Far_LoA	-10,6637312	-0,046	0,317
CHR2	1508051	CHR2:1508051	SSF x Far_LoA	-6,99432247	0,074	0,310
CHR2	15081354	CHR2:15081354	SSF x Far_LoA	-8,99334869	-0,124	0,297
CHR2	15081408	CHR2:15081408	SSF x Far_LoA	-10,5911116	0,110	0,292
CHR2	15081532	CHR2:15081532	SSF x Far_LoA	-8,22188336	-0,003	0,306
CHR2	15095189	CHR2:15095189	SSF x Far_LoA	-6,12784707	-0,099	0,299
CHR2	15095205	CHR2:15095205	SSF x Far_LoA	-11,4634591	-0,051	0,301
CHR2	15095244	CHR2:15095244	SSF x Far_LoA	-11,4369526	-0,030	0,307
CHR2	15095252	CHR2:15095252	SSF x Far_LoA	-8,04695377	-0,145	0,295
CHR2	15095266	CHR2:15095266	SSF x Far_LoA	-6,72567563	0,065	0,304
CHR2	15095340	CHR2:15095340	SSF x Far_LoA	-7,48307033	-0,017	0,311
CHR2	15095370	CHR2:15095370	SSF x Far_LoA	-8,8649312	-0,045	0,293
CHR2	15106758	CHR2:15106758	SSF x Far_LoA	-9,01994086	0,090	0,304
CHR2	15106762	CHR2:15106762	SSF x Far_LoA	-9,51328955	0,107	0,304
CHR2	15106773	CHR2:15106773	SSF x Far_LoA	-10,2235412	-0,108	0,303
CHR2	15106777	CHR2:15106777	SSF x Far_LoA	-11,5250069	-0,012	0,298
CHR2	15106949	CHR2:15106949	SSF x Far_LoA	-9,64374904	-0,136	0,306
CHR2	15106951	CHR2:15106951	SSF x Far_LoA	-7,50707122	-0,090	0,310
CHR2	15106975	CHR2:15106975	SSF x Far_LoA	-6,58387871	-0,078	0,316
CHR2	15106983	CHR2:15106983	SSF x Far_LoA	-7,93207638	-0,058	0,310
CHR2	15106984	CHR2:15106984	SSF x Far_LoA	-6,29080332	-0,138	0,307
CHR2	15107006	CHR2:15107006	SSF x Far_LoA	-9,40164065	0,026	0,305
CHR2	15107035	CHR2:15107035	SSF x Far_LoA	-7,65779427	0,080	0,323
CHR2	15118058	CHR2:15118058	SSF x Far_LoA	-10,1838885	-0,004	0,303
CHR2	15118074	CHR2:15118074	SSF x Far_LoA	-9,92187998	0,026	0,295
CHR2	15118078	CHR2:15118078	SSF x Far_LoA	-7,43610841	-0,089	0,320
CHR2	15118114	CHR2:15118114	SSF x Far_LoA	-10,706328	-0,056	0,305
CHR2	15118119	CHR2:15118119	SSF x Far_LoA	-8,03107216	0,032	0,323
CHR2	15121513	CHR2:15121513	SSF x Far_LoA	-7,71581902	-0,109	0,309
CHR2	15121527	CHR2:15121527	SSF x Far_LoA	-11,2222895	0,008	0,306
CHR2	15121541	CHR2:15121541	SSF x Far_LoA	-9,22492729	0,022	0,307
CHR2	15124381	CHR2:15124381	SSF x Far_LoA	-8,37348405	-0,109	0,319
CHR2	15159470	CHR2:15159470	SSF x Far_LoA	-8,95585112	0,079	0,305
CHR2	1516387	CHR2:1516387	SSF x Far_LoA	-10,5417969	0,007	0,306
CHR2	1516449	CHR2:1516449	SSF x Far_LoA	-5,96061349	-0,185	0,299

CHR2	1516450	CHR2:1516450	SSF x Far_LoA	-6,18229987	-0,238	0,285
CHR2	1516566	CHR2:1516566	SSF x Far_LoA	-6,4810296	0,184	0,292
CHR2	1516623	CHR2:1516623	SSF x Far_LoA	-3,66663016	-0,165	0,307
CHR2	15172912	CHR2:15172912	SSF x Far_LoA	-8,89801814	0,052	0,294
CHR2	15172923	CHR2:15172923	SSF x Far_LoA	-7,37349153	-0,031	0,301
CHR2	15172937	CHR2:15172937	SSF x Far_LoA	-11,9366472	-0,027	0,305
CHR2	15173178	CHR2:15173178	SSF x Far_LoA	-9,96635023	0,009	0,300
CHR2	15173195	CHR2:15173195	SSF x Far_LoA	-9,59249867	-0,017	0,308
CHR2	15173197	CHR2:15173197	SSF x Far_LoA	-9,23024124	-0,047	0,301
CHR2	15180477	CHR2:15180477	SSF x Far_LoA	-5,66438742	-0,204	0,301
CHR2	15180499	CHR2:15180499	SSF x Far_LoA	-8,09780876	0,023	0,308
CHR2	15180518	CHR2:15180518	SSF x Far_LoA	-8,74313368	-0,075	0,300
CHR2	15180521	CHR2:15180521	SSF x Far_LoA	-7,00739086	-0,221	0,298
CHR2	15181488	CHR2:15181488	SSF x Far_LoA	-10,4983207	0,107	0,303
CHR2	15181490	CHR2:15181490	SSF x Far_LoA	-7,91177687	-0,017	0,306
CHR2	1519763	CHR2:1519763	SSF x Far_LoA	-11,4308161	-0,041	0,308
CHR2	1519824	CHR2:1519824	SSF x Far_LoA	-8,32854864	0,043	0,314
CHR2	1519846	CHR2:1519846	SSF x Far_LoA	-5,15117118	-0,213	0,294
CHR2	1519884	CHR2:1519884	SSF x Far_LoA	-7,82476975	-0,068	0,302
CHR2	1519886	CHR2:1519886	SSF x Far_LoA	-8,44812228	-0,111	0,301
CHR2	1519899	CHR2:1519899	SSF x Far_LoA	-6,94950263	-0,138	0,310
CHR2	15205939	CHR2:15205939	SSF x Far_LoA	-7,93094346	0,077	0,306
CHR2	15208613	CHR2:15208613	SSF x Far_LoA	-8,63887356	0,014	0,304
CHR2	15208790	CHR2:15208790	SSF x Far_LoA	-9,14087957	0,143	0,288
CHR2	15218481	CHR2:15218481	SSF x Far_LoA	-9,3663653	0,125	0,289
CHR2	15232200	CHR2:15232200	SSF x Far_LoA	-9,20257208	0,153	0,311
CHR2	15232573	CHR2:15232573	SSF x Far_LoA	-8,56173038	0,024	0,301
CHR2	15237045	CHR2:15237045	SSF x Far_LoA	-9,22125108	0,148	0,296
CHR2	15237074	CHR2:15237074	SSF x Far_LoA	-10,1944711	-0,023	0,309
CHR2	1523931	CHR2:1523931	SSF x Far_LoA	-11,4775324	-0,017	0,309
CHR2	1523958	CHR2:1523958	SSF x Far_LoA	-9,96971608	-0,081	0,309
CHR2	1523978	CHR2:1523978	SSF x Far_LoA	-9,66840861	0,009	0,306
CHR2	1524012	CHR2:1524012	SSF x Far_LoA	-10,7901236	0,044	0,302
CHR2	1524054	CHR2:1524054	SSF x Far_LoA	-9,60832685	0,007	0,318
CHR2	15245084	CHR2:15245084	SSF x Far_LoA	-8,78831148	0,061	0,313
CHR2	15245090	CHR2:15245090	SSF x Far_LoA	-8,30531847	0,060	0,326
CHR2	15245136	CHR2:15245136	SSF x Far_LoA	-8,75914197	0,092	0,313
CHR2	15245140	CHR2:15245140	SSF x Far_LoA	-11,5765062	0,090	0,297
CHR2	15245275	CHR2:15245275	SSF x Far_LoA	-10,824564	0,026	0,310
CHR2	15245297	CHR2:15245297	SSF x Far_LoA	-4,43353364	0,074	0,310
CHR2	15245323	CHR2:15245323	SSF x Far_LoA	-9,79137371	0,031	0,316
CHR2	15257529	CHR2:15257529	SSF x Far_LoA	-10,3148592	0,067	0,296
CHR2	15257597	CHR2:15257597	SSF x Far_LoA	-9,44869212	-0,004	0,307
CHR2	15257603	CHR2:15257603	SSF x Far_LoA	-7,80295112	-0,066	0,294
CHR2	15261001	CHR2:15261001	SSF x Far_LoA	-9,32670065	0,013	0,316
CHR2	15261053	CHR2:15261053	SSF x Far_LoA	-10,2631199	0,106	0,310
CHR2	15263431	CHR2:15263431	SSF x Far_LoA	-11,3429837	0,002	0,292
CHR2	15263474	CHR2:15263474	SSF x Far_LoA	-10,0224054	0,088	0,293
CHR2	15263526	CHR2:15263526	SSF x Far_LoA	-7,87234474	0,038	0,307
CHR2	15263582	CHR2:15263582	SSF x Far_LoA	-10,019597	0,045	0,309
CHR2	15263599	CHR2:15263599	SSF x Far_LoA	-9,75633216	-0,021	0,302
CHR2	15263608	CHR2:15263608	SSF x Far_LoA	-10,1189074	0,038	0,295
CHR2	15263643	CHR2:15263643	SSF x Far_LoA	-8,98707402	0,016	0,301

CHR2	15263646	CHR2:15263646	SSF x Far_LoA	-9,97431213	0,015	0,296
CHR2	15263665	CHR2:15263665	SSF x Far_LoA	-9,71849662	0,036	0,322
CHR2	15266112	CHR2:15266112	SSF x Far_LoA	-7,70368454	-0,071	0,313
CHR2	15272106	CHR2:15272106	SSF x Far_LoA	-7,0102636	0,109	0,303
CHR2	15272159	CHR2:15272159	SSF x Far_LoA	-11,6645544	-0,081	0,299
CHR2	15272189	CHR2:15272189	SSF x Far_LoA	-5,4150308	-0,174	0,313
CHR2	15272206	CHR2:15272206	SSF x Far_LoA	-7,52060414	0,138	0,292
CHR2	15272208	CHR2:15272208	SSF x Far_LoA	-5,05088803	0,148	0,313
CHR2	15272209	CHR2:15272209	SSF x Far_LoA	-6,6349289	0,160	0,293
CHR2	15277186	CHR2:15277186	SSF x Far_LoA	-9,57747691	-0,001	0,288
CHR2	15277241	CHR2:15277241	SSF x Far_LoA	-9,0933062	-0,025	0,303
CHR2	15280353	CHR2:15280353	SSF x Far_LoA	-9,70150338	-0,174	0,298
CHR2	15280497	CHR2:15280497	SSF x Far_LoA	-10,693305	-0,051	0,305
CHR2	15286352	CHR2:15286352	SSF x Far_LoA	-9,51819286	0,016	0,308
CHR2	15286442	CHR2:15286442	SSF x Far_LoA	-8,16350802	0,047	0,304
CHR2	15286545	CHR2:15286545	SSF x Far_LoA	-10,7875471	0,041	0,318
CHR2	15286610	CHR2:15286610	SSF x Far_LoA	-3,97954149	-0,065	0,317
CHR2	15293780	CHR2:15293780	SSF x Far_LoA	-9,12581682	-0,059	0,297
CHR2	15293923	CHR2:15293923	SSF x Far_LoA	-10,2728739	-0,052	0,299
CHR2	15294003	CHR2:15294003	SSF x Far_LoA	-2,30352233	0,158	0,298
CHR2	15306327	CHR2:15306327	SSF x Far_LoA	-10,5596501	-0,115	0,297
CHR2	15306476	CHR2:15306476	SSF x Far_LoA	-10,7603965	-0,011	0,308
CHR2	15306550	CHR2:15306550	SSF x Far_LoA	-11,1353249	-0,010	0,305
CHR2	15312874	CHR2:15312874	SSF x Far_LoA	-8,98616684	0,066	0,309
CHR2	15338646	CHR2:15338646	SSF x Far_LoA	-10,4256137	-0,068	0,311
CHR2	15338743	CHR2:15338743	SSF x Far_LoA	-9,32491625	-0,051	0,318
CHR2	15338764	CHR2:15338764	SSF x Far_LoA	-10,330392	0,031	0,309
CHR2	15338788	CHR2:15338788	SSF x Far_LoA	-10,4380326	-0,040	0,312
CHR2	15338815	CHR2:15338815	SSF x Far_LoA	-3,76342677	0,048	0,304
CHR2	15342250	CHR2:15342250	SSF x Far_LoA	-8,9221482	-0,038	0,298
CHR2	15342262	CHR2:15342262	SSF x Far_LoA	-10,9326079	0,041	0,316
CHR2	15342273	CHR2:15342273	SSF x Far_LoA	-9,52962512	0,039	0,303
CHR2	15342274	CHR2:15342274	SSF x Far_LoA	-10,3427785	0,051	0,295
CHR2	15342347	CHR2:15342347	SSF x Far_LoA	-8,72861371	-0,062	0,313
CHR2	15342370	CHR2:15342370	SSF x Far_LoA	-9,8457177	0,094	0,308
CHR2	15342460	CHR2:15342460	SSF x Far_LoA	-8,62657181	-0,002	0,317
CHR2	15342494	CHR2:15342494	SSF x Far_LoA	-7,89153855	-0,119	0,299
CHR2	15360642	CHR2:15360642	SSF x Far_LoA	-9,52368377	-0,071	0,305
CHR2	15361684	CHR2:15361684	SSF x Far_LoA	-11,6011139	0,048	0,298
CHR2	15361727	CHR2:15361727	SSF x Far_LoA	-9,46316445	-0,010	0,312
CHR2	15361735	CHR2:15361735	SSF x Far_LoA	-2,65202351	0,066	0,315
CHR2	15369224	CHR2:15369224	SSF x Far_LoA	-8,3886404	-0,024	0,309
CHR2	15379874	CHR2:15379874	SSF x Far_LoA	-8,51012427	-0,129	0,294
CHR2	15382176	CHR2:15382176	SSF x Far_LoA	-12,0706304	-0,005	0,300
CHR2	15382252	CHR2:15382252	SSF x Far_LoA	-10,2839028	0,035	0,314
CHR2	15383259	CHR2:15383259	SSF x Far_LoA	-9,59021456	-0,042	0,319
CHR2	1539889	CHR2:1539889	SSF x Far_LoA	-9,947801	0,003	0,297
CHR2	15416805	CHR2:15416805	SSF x Far_LoA	-6,73761629	-0,055	0,292
CHR2	15439787	CHR2:15439787	SSF x Far_LoA	-7,22292939	-0,113	0,287
CHR2	15498508	CHR2:15498508	SSF x Far_LoA	-8,81307791	-0,013	0,308
CHR2	15498559	CHR2:15498559	SSF x Far_LoA	-9,84299483	-0,122	0,295
CHR2	15498728	CHR2:15498728	SSF x Far_LoA	-8,96699544	-0,033	0,310
CHR2	15498739	CHR2:15498739	SSF x Far_LoA	-9,78866847	-0,056	0,310

CHR2	15498743	CHR2:15498743	SSF x Far_LoA	-8,82459262	0,012	0,312
CHR2	15498757	CHR2:15498757	SSF x Far_LoA	-8,39182753	-0,123	0,297
CHR2	15523071	CHR2:15523071	SSF x Far_LoA	-7,25348743	-0,154	0,302
CHR2	15524340	CHR2:15524340	SSF x Far_LoA	-9,40052146	-0,023	0,301
CHR2	15532128	CHR2:15532128	SSF x Far_LoA	-8,93210341	-0,025	0,299
CHR2	15533187	CHR2:15533187	SSF x Far_LoA	-9,52058447	-0,065	0,311
CHR2	15533290	CHR2:15533290	SSF x Far_LoA	-11,0228527	0,021	0,310
CHR2	15546181	CHR2:15546181	SSF x Far_LoA	-7,7127851	-0,016	0,306
CHR2	15546273	CHR2:15546273	SSF x Far_LoA	-9,90626706	0,097	0,306
CHR2	15546276	CHR2:15546276	SSF x Far_LoA	-9,05471011	0,119	0,307
CHR2	15546348	CHR2:15546348	SSF x Far_LoA	-10,9183435	0,017	0,314
CHR2	15546378	CHR2:15546378	SSF x Far_LoA	-10,1632089	0,090	0,313
CHR2	15550111	CHR2:15550111	SSF x Far_LoA	-7,90074705	0,114	0,311
CHR2	15550236	CHR2:15550236	SSF x Far_LoA	-4,81600248	0,108	0,307
CHR2	15552840	CHR2:15552840	SSF x Far_LoA	-11,1115592	-0,040	0,309
CHR2	1555325	CHR2:1555325	SSF x Far_LoA	-10,094481	-0,076	0,309
CHR2	1555355	CHR2:1555355	SSF x Far_LoA	-10,8614745	0,101	0,289
CHR2	1555358	CHR2:1555358	SSF x Far_LoA	-9,54540605	0,012	0,295
CHR2	1555389	CHR2:1555389	SSF x Far_LoA	-9,63568523	-0,035	0,298
CHR2	1555434	CHR2:1555434	SSF x Far_LoA	-11,5228056	0,117	0,302
CHR2	1555448	CHR2:1555448	SSF x Far_LoA	-11,2445604	-0,096	0,303
CHR2	1555451	CHR2:1555451	SSF x Far_LoA	-9,00125585	-0,077	0,316
CHR2	1555492	CHR2:1555492	SSF x Far_LoA	-11,8338166	-0,094	0,306
CHR2	1555510	CHR2:1555510	SSF x Far_LoA	-8,24368547	-0,070	0,292
CHR2	15565746	CHR2:15565746	SSF x Far_LoA	-10,3845689	-0,007	0,300
CHR2	15565747	CHR2:15565747	SSF x Far_LoA	-10,2247104	0,019	0,309
CHR2	15565876	CHR2:15565876	SSF x Far_LoA	-11,9448325	-0,083	0,294
CHR2	15565933	CHR2:15565933	SSF x Far_LoA	-9,39665033	-0,013	0,305
CHR2	15565955	CHR2:15565955	SSF x Far_LoA	-9,52381747	-0,011	0,312
CHR2	15565976	CHR2:15565976	SSF x Far_LoA	-9,8235614	-0,001	0,319
CHR2	15565980	CHR2:15565980	SSF x Far_LoA	-10,2255901	0,027	0,286
CHR2	15565995	CHR2:15565995	SSF x Far_LoA	-8,43600176	0,020	0,305
CHR2	15565998	CHR2:15565998	SSF x Far_LoA	-6,59608555	-0,046	0,307
CHR2	15566001	CHR2:15566001	SSF x Far_LoA	-9,45046799	-0,004	0,304
CHR2	15573640	CHR2:15573640	SSF x Far_LoA	-8,64728226	-0,077	0,329
CHR2	15573653	CHR2:15573653	SSF x Far_LoA	-10,16861	-0,034	0,306
CHR2	15578998	CHR2:15578998	SSF x Far_LoA	-8,60727012	-0,146	0,290
CHR2	1559810	CHR2:1559810	SSF x Far_LoA	-9,59401034	0,016	0,305
CHR2	1559879	CHR2:1559879	SSF x Far_LoA	-9,71486724	0,063	0,306
CHR2	1559965	CHR2:1559965	SSF x Far_LoA	-7,61927969	0,145	0,290
CHR2	1559978	CHR2:1559978	SSF x Far_LoA	-8,22341244	0,126	0,299
CHR2	15600225	CHR2:15600225	SSF x Far_LoA	-7,58593633	0,023	0,313
CHR2	15600234	CHR2:15600234	SSF x Far_LoA	-10,1625003	0,010	0,311
CHR2	1560027	CHR2:1560027	SSF x Far_LoA	-9,57685508	0,073	0,307
CHR2	15601379	CHR2:15601379	SSF x Far_LoA	-7,17601584	0,060	0,301
CHR2	15601380	CHR2:15601380	SSF x Far_LoA	-6,6010065	0,020	0,322
CHR2	15601461	CHR2:15601461	SSF x Far_LoA	-11,4267439	0,022	0,308
CHR2	15601737	CHR2:15601737	SSF x Far_LoA	-9,11474307	0,072	0,309
CHR2	15618484	CHR2:15618484	SSF x Far_LoA	-8,52812797	-0,128	0,307
CHR2	15618658	CHR2:15618658	SSF x Far_LoA	-8,21498757	-0,094	0,299
CHR2	15618669	CHR2:15618669	SSF x Far_LoA	-2,6436126	-0,128	0,310
CHR2	15618671	CHR2:15618671	SSF x Far_LoA	-9,31360423	-0,037	0,315
CHR2	15622041	CHR2:15622041	SSF x Far_LoA	-11,6281922	0,098	0,298

CHR2	15622070	CHR2:15622070	SSF x Far_LoA	-12,6586295	0,006	0,298
CHR2	15622078	CHR2:15622078	SSF x Far_LoA	-12,1612574	0,037	0,313
CHR2	1562711	CHR2:1562711	SSF x Far_LoA	-9,98751889	-0,066	0,318
CHR2	1562728	CHR2:1562728	SSF x Far_LoA	-10,970725	0,050	0,306
CHR2	1562796	CHR2:1562796	SSF x Far_LoA	-10,9573116	0,120	0,310
CHR2	1562827	CHR2:1562827	SSF x Far_LoA	-11,2888926	0,074	0,307
CHR2	1562898	CHR2:1562898	SSF x Far_LoA	-11,8947327	0,012	0,304
CHR2	1562974	CHR2:1562974	SSF x Far_LoA	-8,87237875	0,118	0,301
CHR2	1564748	CHR2:1564748	SSF x Far_LoA	-7,98210649	-0,090	0,298
CHR2	15655208	CHR2:15655208	SSF x Far_LoA	-10,9975577	-0,088	0,312
CHR2	15657306	CHR2:15657306	SSF x Far_LoA	-9,20141234	0,089	0,305
CHR2	15657347	CHR2:15657347	SSF x Far_LoA	-10,646762	0,106	0,302
CHR2	15657452	CHR2:15657452	SSF x Far_LoA	-9,76826202	-0,005	0,306
CHR2	15657524	CHR2:15657524	SSF x Far_LoA	-4,98423412	0,190	0,296
CHR2	15671674	CHR2:15671674	SSF x Far_LoA	-10,6018518	0,017	0,305
CHR2	15671675	CHR2:15671675	SSF x Far_LoA	-11,9325423	-0,009	0,314
CHR2	15683400	CHR2:15683400	SSF x Far_LoA	-9,19948886	0,075	0,303
CHR2	15683426	CHR2:15683426	SSF x Far_LoA	-8,76158855	-0,098	0,308
CHR2	15683492	CHR2:15683492	SSF x Far_LoA	-8,57518481	-0,073	0,315
CHR2	15683495	CHR2:15683495	SSF x Far_LoA	-6,9861823	0,069	0,305
CHR2	15683512	CHR2:15683512	SSF x Far_LoA	-7,06168596	-0,042	0,296
CHR2	15704091	CHR2:15704091	SSF x Far_LoA	-9,15972611	-0,032	0,311
CHR2	15704092	CHR2:15704092	SSF x Far_LoA	-11,11022	0,082	0,306
CHR2	15704240	CHR2:15704240	SSF x Far_LoA	-10,4825492	0,115	0,301
CHR2	15704319	CHR2:15704319	SSF x Far_LoA	-12,4024956	-0,047	0,295
CHR2	15706692	CHR2:15706692	SSF x Far_LoA	-9,80733155	-0,073	0,326
CHR2	15709484	CHR2:15709484	SSF x Far_LoA	-6,3499642	-0,012	0,321
CHR2	15709560	CHR2:15709560	SSF x Far_LoA	-7,81687914	0,097	0,311
CHR2	15709561	CHR2:15709561	SSF x Far_LoA	-7,84413782	0,076	0,304
CHR2	15709661	CHR2:15709661	SSF x Far_LoA	-7,10651728	-0,121	0,297
CHR2	15709669	CHR2:15709669	SSF x Far_LoA	-10,3051659	0,038	0,309
CHR2	15720290	CHR2:15720290	SSF x Far_LoA	-8,40861919	-0,072	0,318
CHR2	15720314	CHR2:15720314	SSF x Far_LoA	-8,5140872	-0,194	0,305
CHR2	15720355	CHR2:15720355	SSF x Far_LoA	-9,49962292	0,039	0,321
CHR2	15720371	CHR2:15720371	SSF x Far_LoA	-9,27977609	-0,041	0,298
CHR2	15725754	CHR2:15725754	SSF x Far_LoA	2,18020598	-0,098	0,302
CHR2	1575075	CHR2:1575075	SSF x Far_LoA	-8,16073026	0,039	0,309
CHR2	1575123	CHR2:1575123	SSF x Far_LoA	-10,3613594	0,009	0,305
CHR2	15766248	CHR2:15766248	SSF x Far_LoA	-8,73906043	-0,007	0,326
CHR2	15768291	CHR2:15768291	SSF x Far_LoA	-10,5418298	-0,045	0,314
CHR2	15768395	CHR2:15768395	SSF x Far_LoA	-11,3220409	0,019	0,313
CHR2	15768489	CHR2:15768489	SSF x Far_LoA	-9,69839819	0,023	0,313
CHR2	15768499	CHR2:15768499	SSF x Far_LoA	-5,20476821	-0,018	0,307
CHR2	1579220	CHR2:1579220	SSF x Far_LoA	-10,371695	-0,028	0,314
CHR2	15806195	CHR2:15806195	SSF x Far_LoA	-9,67038801	-0,054	0,309
CHR2	15806226	CHR2:15806226	SSF x Far_LoA	-5,22164102	0,022	0,324
CHR2	15806299	CHR2:15806299	SSF x Far_LoA	-10,8280482	-0,033	0,316
CHR2	15806418	CHR2:15806418	SSF x Far_LoA	-10,9594706	-0,072	0,303
CHR2	15809018	CHR2:15809018	SSF x Far_LoA	-1,59988664	-0,035	0,322
CHR2	15809034	CHR2:15809034	SSF x Far_LoA	-9,15937739	-0,049	0,309
CHR2	15809041	CHR2:15809041	SSF x Far_LoA	-8,4308023	-0,037	0,323
CHR2	15809047	CHR2:15809047	SSF x Far_LoA	-8,20929708	-0,047	0,318
CHR2	15809059	CHR2:15809059	SSF x Far_LoA	-5,0287886	-0,041	0,316

CHR2	15809080	CHR2:15809080	SSF x Far_LoA	-6,9371163	-0,041	0,313
CHR2	15809081	CHR2:15809081	SSF x Far_LoA	-8,69175905	-0,043	0,315
CHR2	15809113	CHR2:15809113	SSF x Far_LoA	-8,01101958	-0,006	0,326
CHR2	15818572	CHR2:15818572	SSF x Far_LoA	-10,8550233	-0,099	0,300
CHR2	15830191	CHR2:15830191	SSF x Far_LoA	-10,1817934	-0,031	0,309
CHR2	15830222	CHR2:15830222	SSF x Far_LoA	-8,19851566	-0,135	0,301
CHR2	15830289	CHR2:15830289	SSF x Far_LoA	-8,23004127	0,134	0,306
CHR2	15830321	CHR2:15830321	SSF x Far_LoA	-7,77446851	-0,145	0,305
CHR2	15836338	CHR2:15836338	SSF x Far_LoA	-10,1537021	0,089	0,312
CHR2	15836344	CHR2:15836344	SSF x Far_LoA	-11,0744025	-0,067	0,311
CHR2	15841065	CHR2:15841065	SSF x Far_LoA	-4,80474606	0,125	0,316
CHR2	15841189	CHR2:15841189	SSF x Far_LoA	-11,0048214	-0,045	0,305
CHR2	15848434	CHR2:15848434	SSF x Far_LoA	-8,67995411	0,073	0,314
CHR2	15848459	CHR2:15848459	SSF x Far_LoA	-9,83208907	0,019	0,308
CHR2	15848532	CHR2:15848532	SSF x Far_LoA	-7,99453073	-0,038	0,302
CHR2	15850413	CHR2:15850413	SSF x Far_LoA	-10,4376966	-0,024	0,309
CHR2	15850526	CHR2:15850526	SSF x Far_LoA	-11,143038	0,024	0,297
CHR2	15858552	CHR2:15858552	SSF x Far_LoA	-11,540015	-0,027	0,304
CHR2	15861356	CHR2:15861356	SSF x Far_LoA	-9,07357783	-0,063	0,297
CHR2	15861539	CHR2:15861539	SSF x Far_LoA	-9,82691373	-0,061	0,294
CHR2	15865849	CHR2:15865849	SSF x Far_LoA	-8,25971193	0,061	0,310
CHR2	15875692	CHR2:15875692	SSF x Far_LoA	-9,90608294	-0,031	0,310
CHR2	15875787	CHR2:15875787	SSF x Far_LoA	-10,5214519	-0,051	0,322
CHR2	15876759	CHR2:15876759	SSF x Far_LoA	-7,52494347	0,079	0,302
CHR2	15876839	CHR2:15876839	SSF x Far_LoA	-6,10800512	0,053	0,307
CHR2	15880660	CHR2:15880660	SSF x Far_LoA	-8,43416404	0,006	0,319
CHR2	15880684	CHR2:15880684	SSF x Far_LoA	-6,99872961	-0,002	0,320
CHR2	15880686	CHR2:15880686	SSF x Far_LoA	-8,19680978	-0,011	0,316
CHR2	15880727	CHR2:15880727	SSF x Far_LoA	-9,0664121	-0,008	0,313
CHR2	15880735	CHR2:15880735	SSF x Far_LoA	-7,41820746	0,005	0,317
CHR2	15880739	CHR2:15880739	SSF x Far_LoA	-8,83173604	-0,032	0,316
CHR2	15880754	CHR2:15880754	SSF x Far_LoA	-7,06831699	-0,003	0,328
CHR2	15880755	CHR2:15880755	SSF x Far_LoA	-9,20384943	0,005	0,310
CHR2	15881262	CHR2:15881262	SSF x Far_LoA	-8,28286008	-0,085	0,298
CHR2	15881283	CHR2:15881283	SSF x Far_LoA	-11,1580834	0,080	0,318
CHR2	15884085	CHR2:15884085	SSF x Far_LoA	-8,42742095	-0,095	0,316
CHR2	15884141	CHR2:15884141	SSF x Far_LoA	-10,1609163	-0,086	0,316
CHR2	15884247	CHR2:15884247	SSF x Far_LoA	-5,68350325	0,187	0,286
CHR2	15884295	CHR2:15884295	SSF x Far_LoA	-5,10257297	-0,154	0,297
CHR2	15886095	CHR2:15886095	SSF x Far_LoA	-10,1721353	-0,040	0,295
CHR2	15886200	CHR2:15886200	SSF x Far_LoA	-5,62276139	-0,203	0,303
CHR2	15901278	CHR2:15901278	SSF x Far_LoA	-10,5702623	-0,062	0,301
CHR2	15901585	CHR2:15901585	SSF x Far_LoA	-11,6436723	-0,038	0,303
CHR2	15902489	CHR2:15902489	SSF x Far_LoA	-9,84160018	-0,032	0,311
CHR2	15902577	CHR2:15902577	SSF x Far_LoA	-8,71456281	0,023	0,312
CHR2	15904514	CHR2:15904514	SSF x Far_LoA	-10,1341123	0,024	0,292
CHR2	15904625	CHR2:15904625	SSF x Far_LoA	-6,56980717	-0,087	0,313
CHR2	15904676	CHR2:15904676	SSF x Far_LoA	-12,1713094	-0,052	0,321
CHR2	15904747	CHR2:15904747	SSF x Far_LoA	-10,3164219	-0,045	0,292
CHR2	15925218	CHR2:15925218	SSF x Far_LoA	-9,21656388	-0,057	0,299
CHR2	15937185	CHR2:15937185	SSF x Far_LoA	-7,17467963	0,180	0,285
CHR2	15958126	CHR2:15958126	SSF x Far_LoA	-10,913785	-0,039	0,308
CHR2	15958265	CHR2:15958265	SSF x Far_LoA	-11,7786916	0,063	0,299

CHR2	15958293	CHR2:15958293	SSF x Far_LoA	-10,0078224	0,040	0,294
CHR2	15958294	CHR2:15958294	SSF x Far_LoA	-11,0565321	0,015	0,298
CHR2	15968278	CHR2:15968278	SSF x Far_LoA	-11,2757156	0,010	0,311
CHR2	15968286	CHR2:15968286	SSF x Far_LoA	-10,8708441	0,023	0,313
CHR2	15968290	CHR2:15968290	SSF x Far_LoA	-10,9337172	-0,019	0,298
CHR2	15968330	CHR2:15968330	SSF x Far_LoA	-11,2425752	-0,049	0,300
CHR2	15968376	CHR2:15968376	SSF x Far_LoA	-10,3379848	-0,015	0,300
CHR2	15968377	CHR2:15968377	SSF x Far_LoA	-10,5522251	-0,045	0,297
CHR2	15968603	CHR2:15968603	SSF x Far_LoA	-6,47945566	-0,051	0,293
CHR2	15987924	CHR2:15987924	SSF x Far_LoA	4,13886849	-0,138	0,302
CHR2	15987961	CHR2:15987961	SSF x Far_LoA	-6,91793813	-0,087	0,305
CHR2	15988013	CHR2:15988013	SSF x Far_LoA	-6,99957876	-0,038	0,296
CHR2	15995338	CHR2:15995338	SSF x Far_LoA	-4,90609882	-0,145	0,308
CHR2	15995365	CHR2:15995365	SSF x Far_LoA	-10,3811317	-0,067	0,311
CHR2	15995412	CHR2:15995412	SSF x Far_LoA	-11,0642132	0,019	0,306
CHR2	15996192	CHR2:15996192	SSF x Far_LoA	-9,48717922	0,113	0,302
CHR2	15996251	CHR2:15996251	SSF x Far_LoA	-9,00453197	-0,023	0,320
CHR2	15998175	CHR2:15998175	SSF x Far_LoA	-8,12173507	0,021	0,301
CHR2	15998190	CHR2:15998190	SSF x Far_LoA	-9,26212797	0,122	0,297
CHR2	15998199	CHR2:15998199	SSF x Far_LoA	-8,70193999	-0,076	0,321
CHR2	15998271	CHR2:15998271	SSF x Far_LoA	-8,47129959	-0,122	0,306
CHR2	1599999	CHR2:1599999	SSF x Far_LoA	-5,68858286	0,009	0,309
CHR2	1600029	CHR2:1600029	SSF x Far_LoA	-6,3954327	-0,097	0,314
CHR2	16001110	CHR2:16001110	SSF x Far_LoA	-9,80569631	-0,152	0,298
CHR2	16001116	CHR2:16001116	SSF x Far_LoA	-8,77480516	-0,042	0,314
CHR2	16001123	CHR2:16001123	SSF x Far_LoA	-9,73745328	-0,089	0,312
CHR2	16013172	CHR2:16013172	SSF x Far_LoA	-10,4813701	-0,065	0,308
CHR2	16013184	CHR2:16013184	SSF x Far_LoA	-9,02144703	-0,108	0,300
CHR2	16013251	CHR2:16013251	SSF x Far_LoA	-7,49385308	0,209	0,295
CHR2	16015962	CHR2:16015962	SSF x Far_LoA	-7,58231864	0,126	0,310
CHR2	16015999	CHR2:16015999	SSF x Far_LoA	-8,84665859	0,065	0,299
CHR2	16059590	CHR2:16059590	SSF x Far_LoA	-9,61508137	0,043	0,306
CHR2	16092437	CHR2:16092437	SSF x Far_LoA	-9,79697609	-0,064	0,311
CHR2	16092532	CHR2:16092532	SSF x Far_LoA	-11,560186	-0,033	0,300
CHR2	1609321	CHR2:1609321	SSF x Far_LoA	-10,7012658	0,054	0,300
CHR2	1609427	CHR2:1609427	SSF x Far_LoA	-9,72545208	-0,103	0,298
CHR2	16111627	CHR2:16111627	SSF x Far_LoA	-7,68012617	-0,128	0,301
CHR2	16115189	CHR2:16115189	SSF x Far_LoA	-9,19924749	-0,088	0,300
CHR2	16115291	CHR2:16115291	SSF x Far_LoA	-7,75545246	0,156	0,302
CHR2	16119794	CHR2:16119794	SSF x Far_LoA	-5,0974157	-0,116	0,310
CHR2	16140033	CHR2:16140033	SSF x Far_LoA	-2,3260204	0,214	0,301
CHR2	16167839	CHR2:16167839	SSF x Far_LoA	-10,500081	-0,011	0,298
CHR2	16167860	CHR2:16167860	SSF x Far_LoA	-10,57036	-0,003	0,300
CHR2	16169354	CHR2:16169354	SSF x Far_LoA	-9,11026922	-0,001	0,311
CHR2	16170484	CHR2:16170484	SSF x Far_LoA	-10,1289149	-0,088	0,283
CHR2	16177994	CHR2:16177994	SSF x Far_LoA	-9,18222765	0,008	0,305
CHR2	16182077	CHR2:16182077	SSF x Far_LoA	-12,1453895	0,022	0,295
CHR2	16192505	CHR2:16192505	SSF x Far_LoA	-11,944545	-0,030	0,303
CHR2	16192748	CHR2:16192748	SSF x Far_LoA	-11,6105173	-0,006	0,300
CHR2	16192850	CHR2:16192850	SSF x Far_LoA	-8,99886059	-0,026	0,306
CHR2	16204900	CHR2:16204900	SSF x Far_LoA	-10,7763789	-0,138	0,312
CHR2	16204905	CHR2:16204905	SSF x Far_LoA	-10,7448897	-0,128	0,315
CHR2	16204913	CHR2:16204913	SSF x Far_LoA	-7,52461661	-0,137	0,310

CHR2	16204917	CHR2:16204917	SSF x Far_LoA	-8,93991473	-0,170	0,307
CHR2	16205108	CHR2:16205108	SSF x Far_LoA	-7,12598939	-0,205	0,295
CHR2	16205115	CHR2:16205115	SSF x Far_LoA	-10,3788556	0,087	0,313
CHR2	1621511	CHR2:1621511	SSF x Far_LoA	-10,0066285	0,070	0,300
CHR2	16217030	CHR2:16217030	SSF x Far_LoA	-7,34879268	0,118	0,296
CHR2	16219635	CHR2:16219635	SSF x Far_LoA	-11,0134143	0,003	0,304
CHR2	16222838	CHR2:16222838	SSF x Far_LoA	-8,67193596	-0,063	0,303
CHR2	16222894	CHR2:16222894	SSF x Far_LoA	-7,60613359	-0,125	0,296
CHR2	16222899	CHR2:16222899	SSF x Far_LoA	-6,70931926	-0,048	0,312
CHR2	16222958	CHR2:16222958	SSF x Far_LoA	-8,9842725	0,063	0,308
CHR2	16222984	CHR2:16222984	SSF x Far_LoA	-8,51837719	-0,101	0,299
CHR2	16222985	CHR2:16222985	SSF x Far_LoA	-10,4614525	0,108	0,287
CHR2	16222987	CHR2:16222987	SSF x Far_LoA	-8,91157148	-0,080	0,293
CHR2	16223837	CHR2:16223837	SSF x Far_LoA	-8,52392945	0,038	0,311
CHR2	16223844	CHR2:16223844	SSF x Far_LoA	-8,89808161	-0,047	0,301
CHR2	16223921	CHR2:16223921	SSF x Far_LoA	-9,59511802	0,083	0,300
CHR2	16223926	CHR2:16223926	SSF x Far_LoA	-9,12635526	-0,050	0,309
CHR2	16232247	CHR2:16232247	SSF x Far_LoA	-8,858803	-0,081	0,319
CHR2	16232331	CHR2:16232331	SSF x Far_LoA	-10,03734	-0,051	0,303
CHR2	16232363	CHR2:16232363	SSF x Far_LoA	-9,53755877	-0,059	0,294
CHR2	16232367	CHR2:16232367	SSF x Far_LoA	-5,99427101	-0,088	0,302
CHR2	16232554	CHR2:16232554	SSF x Far_LoA	-7,71702792	-0,114	0,301
CHR2	16242474	CHR2:16242474	SSF x Far_LoA	-10,2673297	0,013	0,307
CHR2	16258641	CHR2:16258641	SSF x Far_LoA	-7,1702442	0,161	0,288
CHR2	16258655	CHR2:16258655	SSF x Far_LoA	-4,85649066	-0,130	0,317
CHR2	16289773	CHR2:16289773	SSF x Far_LoA	-7,72364896	-0,050	0,310
CHR2	16291255	CHR2:16291255	SSF x Far_LoA	-9,7816992	0,011	0,302
CHR2	16291410	CHR2:16291410	SSF x Far_LoA	-10,3024981	-0,115	0,311
CHR2	16293197	CHR2:16293197	SSF x Far_LoA	-9,60848229	0,054	0,307
CHR2	16293321	CHR2:16293321	SSF x Far_LoA	-10,6278258	0,024	0,315
CHR2	16299920	CHR2:16299920	SSF x Far_LoA	-9,45882386	0,033	0,314
CHR2	16299923	CHR2:16299923	SSF x Far_LoA	-10,3918298	-0,070	0,295
CHR2	16306282	CHR2:16306282	SSF x Far_LoA	-11,5103755	0,038	0,291
CHR2	16306350	CHR2:16306350	SSF x Far_LoA	-11,8087847	0,063	0,297
CHR2	16306359	CHR2:16306359	SSF x Far_LoA	-9,99953496	-0,088	0,302
CHR2	16306369	CHR2:16306369	SSF x Far_LoA	-8,8097094	0,054	0,310
CHR2	16316105	CHR2:16316105	SSF x Far_LoA	-11,4649008	0,037	0,292
CHR2	16335259	CHR2:16335259	SSF x Far_LoA	-8,95478337	0,071	0,293
CHR2	16335366	CHR2:16335366	SSF x Far_LoA	-10,9989305	-0,027	0,309
CHR2	16340469	CHR2:16340469	SSF x Far_LoA	-8,29289506	0,071	0,322
CHR2	16340647	CHR2:16340647	SSF x Far_LoA	-8,40156795	0,107	0,307
CHR2	16342290	CHR2:16342290	SSF x Far_LoA	-6,0993076	0,065	0,308
CHR2	16344202	CHR2:16344202	SSF x Far_LoA	-10,5588003	0,004	0,312
CHR2	16344246	CHR2:16344246	SSF x Far_LoA	-9,1916116	0,001	0,319
CHR2	16344418	CHR2:16344418	SSF x Far_LoA	-4,13350257	0,027	0,325
CHR2	16344471	CHR2:16344471	SSF x Far_LoA	-11,1264602	0,014	0,304
CHR2	16344474	CHR2:16344474	SSF x Far_LoA	-8,50201455	-0,056	0,311
CHR2	16351910	CHR2:16351910	SSF x Far_LoA	-9,13982242	0,061	0,309
CHR2	16351914	CHR2:16351914	SSF x Far_LoA	-10,4763331	-0,064	0,316
CHR2	16351974	CHR2:16351974	SSF x Far_LoA	-12,1755685	-0,005	0,299
CHR2	16352040	CHR2:16352040	SSF x Far_LoA	-3,59941072	0,029	0,314
CHR2	16352075	CHR2:16352075	SSF x Far_LoA	-11,0333029	0,007	0,292
CHR2	16353831	CHR2:16353831	SSF x Far_LoA	-10,9907404	0,082	0,301

CHR2	16353851	CHR2:16353851	SSF x Far_LoA	-10,5592689	0,094	0,306
CHR2	16353893	CHR2:16353893	SSF x Far_LoA	-9,46601975	0,098	0,293
CHR2	16353912	CHR2:16353912	SSF x Far_LoA	-10,2241785	0,078	0,311
CHR2	16353935	CHR2:16353935	SSF x Far_LoA	-9,14695179	-0,035	0,297
CHR2	16353972	CHR2:16353972	SSF x Far_LoA	-9,09248246	-0,098	0,298
CHR2	16354012	CHR2:16354012	SSF x Far_LoA	-7,58060485	-0,066	0,307
CHR2	16354028	CHR2:16354028	SSF x Far_LoA	-8,67389162	-0,130	0,306
CHR2	16354056	CHR2:16354056	SSF x Far_LoA	-10,3069904	0,068	0,313
CHR2	16359967	CHR2:16359967	SSF x Far_LoA	-9,02826723	0,069	0,301
CHR2	16360207	CHR2:16360207	SSF x Far_LoA	-11,9535289	-0,005	0,307
CHR2	16360229	CHR2:16360229	SSF x Far_LoA	-8,47464186	-0,004	0,305
CHR2	16366435	CHR2:16366435	SSF x Far_LoA	-6,72386251	-0,086	0,311
CHR2	16366568	CHR2:16366568	SSF x Far_LoA	-9,15345662	-0,071	0,310
CHR2	1637098	CHR2:1637098	SSF x Far_LoA	-10,3014883	-0,037	0,306
CHR2	16383997	CHR2:16383997	SSF x Far_LoA	-9,03232811	-0,050	0,312
CHR2	16384066	CHR2:16384066	SSF x Far_LoA	-8,83848839	-0,080	0,312
CHR2	16384070	CHR2:16384070	SSF x Far_LoA	-11,4413845	-0,018	0,311
CHR2	16384111	CHR2:16384111	SSF x Far_LoA	-10,586247	0,062	0,296
CHR2	16398233	CHR2:16398233	SSF x Far_LoA	-9,01763074	-0,113	0,307
CHR2	16398391	CHR2:16398391	SSF x Far_LoA	-10,7473549	-0,094	0,308
CHR2	16414559	CHR2:16414559	SSF x Far_LoA	-9,80227852	0,086	0,295
CHR2	16414600	CHR2:16414600	SSF x Far_LoA	-7,9985456	-0,093	0,319
CHR2	16414662	CHR2:16414662	SSF x Far_LoA	-10,4823157	-0,031	0,320
CHR2	16414689	CHR2:16414689	SSF x Far_LoA	-9,3192475	0,126	0,295
CHR2	16414691	CHR2:16414691	SSF x Far_LoA	-8,58589764	0,110	0,306
CHR2	16414756	CHR2:16414756	SSF x Far_LoA	-11,7294922	-0,051	0,305
CHR2	16414759	CHR2:16414759	SSF x Far_LoA	-9,34557061	-0,129	0,295
CHR2	16438462	CHR2:16438462	SSF x Far_LoA	-9,82064477	-0,081	0,298
CHR2	16438485	CHR2:16438485	SSF x Far_LoA	-10,6279272	0,002	0,304
CHR2	16438527	CHR2:16438527	SSF x Far_LoA	-8,65861241	0,040	0,311
CHR2	16438585	CHR2:16438585	SSF x Far_LoA	-6,49382853	-0,165	0,291
CHR2	16439862	CHR2:16439862	SSF x Far_LoA	-9,64699604	-0,011	0,306
CHR2	16439984	CHR2:16439984	SSF x Far_LoA	-9,89048711	0,037	0,306
CHR2	16439991	CHR2:16439991	SSF x Far_LoA	-9,9923944	-0,046	0,302
CHR2	16440019	CHR2:16440019	SSF x Far_LoA	-8,77205104	-0,032	0,302
CHR2	16446906	CHR2:16446906	SSF x Far_LoA	-9,44185789	0,023	0,308
CHR2	16450101	CHR2:16450101	SSF x Far_LoA	-8,92241179	0,016	0,313
CHR2	16450212	CHR2:16450212	SSF x Far_LoA	-11,3255267	-0,079	0,298
CHR2	16450213	CHR2:16450213	SSF x Far_LoA	-8,61496071	-0,022	0,317
CHR2	16453317	CHR2:16453317	SSF x Far_LoA	-9,14256103	-0,126	0,319
CHR2	16458585	CHR2:16458585	SSF x Far_LoA	-7,43905562	0,124	0,299
CHR2	16458615	CHR2:16458615	SSF x Far_LoA	-8,90514619	0,172	0,293
CHR2	16458656	CHR2:16458656	SSF x Far_LoA	-8,67939553	0,061	0,294
CHR2	16458681	CHR2:16458681	SSF x Far_LoA	-7,054345	0,021	0,311
CHR2	16500221	CHR2:16500221	SSF x Far_LoA	-8,17334464	-0,056	0,310
CHR2	16500255	CHR2:16500255	SSF x Far_LoA	-8,33161195	-0,039	0,316
CHR2	16500326	CHR2:16500326	SSF x Far_LoA	-11,4077887	0,097	0,291
CHR2	16516451	CHR2:16516451	SSF x Far_LoA	-11,2090133	-0,061	0,313
CHR2	16516458	CHR2:16516458	SSF x Far_LoA	-10,2288856	-0,073	0,316
CHR2	16516461	CHR2:16516461	SSF x Far_LoA	-11,5164177	-0,034	0,317
CHR2	16516513	CHR2:16516513	SSF x Far_LoA	-10,5192092	-0,051	0,296
CHR2	16516621	CHR2:16516621	SSF x Far_LoA	-10,0636683	0,076	0,305
CHR2	16516632	CHR2:16516632	SSF x Far_LoA	-9,89820269	-0,041	0,317

CHR2	16525816	CHR2:16525816	SSF x Far_LoA	-9,27203881	-0,050	0,286
CHR2	16525875	CHR2:16525875	SSF x Far_LoA	-10,579582	-0,017	0,312
CHR2	16525894	CHR2:16525894	SSF x Far_LoA	-9,67463606	0,026	0,305
CHR2	16525937	CHR2:16525937	SSF x Far_LoA	-6,11887187	-0,041	0,316
CHR2	16525947	CHR2:16525947	SSF x Far_LoA	-10,0237198	-0,019	0,314
CHR2	16525960	CHR2:16525960	SSF x Far_LoA	-9,33286327	-0,021	0,314
CHR2	16525985	CHR2:16525985	SSF x Far_LoA	-10,7143977	-0,010	0,295
CHR2	16542343	CHR2:16542343	SSF x Far_LoA	-8,86489197	0,114	0,296
CHR2	16542394	CHR2:16542394	SSF x Far_LoA	-9,87901163	0,082	0,301
CHR2	16545294	CHR2:16545294	SSF x Far_LoA	-10,6176799	-0,044	0,307
CHR2	16545331	CHR2:16545331	SSF x Far_LoA	-8,46685865	0,042	0,300
CHR2	16556541	CHR2:16556541	SSF x Far_LoA	-8,99161358	-0,042	0,309
CHR2	16556642	CHR2:16556642	SSF x Far_LoA	-7,31149413	-0,089	0,313
CHR2	16575236	CHR2:16575236	SSF x Far_LoA	-8,10476137	0,124	0,309
CHR2	16575369	CHR2:16575369	SSF x Far_LoA	-9,68618285	-0,045	0,309
CHR2	16575421	CHR2:16575421	SSF x Far_LoA	-7,92370165	-0,091	0,304
CHR2	16575447	CHR2:16575447	SSF x Far_LoA	0,37545108	0,089	0,323
CHR2	16576405	CHR2:16576405	SSF x Far_LoA	-8,09935106	-0,177	0,296
CHR2	16576636	CHR2:16576636	SSF x Far_LoA	-7,35798243	-0,114	0,308
CHR2	16578964	CHR2:16578964	SSF x Far_LoA	-8,49968351	-0,159	0,308
CHR2	16578987	CHR2:16578987	SSF x Far_LoA	-9,56487826	0,079	0,303
CHR2	16585202	CHR2:16585202	SSF x Far_LoA	-7,3914429	0,071	0,302
CHR2	16585294	CHR2:16585294	SSF x Far_LoA	-11,2901551	0,043	0,299
CHR2	16592510	CHR2:16592510	SSF x Far_LoA	-8,93193486	0,018	0,315
CHR2	16592511	CHR2:16592511	SSF x Far_LoA	-10,4159599	0,042	0,307
CHR2	16592614	CHR2:16592614	SSF x Far_LoA	-8,88839317	-0,013	0,310
CHR2	16610268	CHR2:16610268	SSF x Far_LoA	-9,60269075	0,049	0,298
CHR2	16610296	CHR2:16610296	SSF x Far_LoA	-10,7223677	-0,001	0,314
CHR2	16610418	CHR2:16610418	SSF x Far_LoA	-7,6253436	0,056	0,303
CHR2	16624291	CHR2:16624291	SSF x Far_LoA	-10,5630724	0,050	0,305
CHR2	16626671	CHR2:16626671	SSF x Far_LoA	-9,16740028	0,104	0,312
CHR2	16626715	CHR2:16626715	SSF x Far_LoA	-9,44781996	-0,091	0,289
CHR2	16626725	CHR2:16626725	SSF x Far_LoA	-4,962516	0,205	0,293
CHR2	16626727	CHR2:16626727	SSF x Far_LoA	-0,67254698	0,217	0,294
CHR2	16626733	CHR2:16626733	SSF x Far_LoA	-4,38168805	0,217	0,286
CHR2	16639648	CHR2:16639648	SSF x Far_LoA	-9,46973217	0,077	0,309
CHR2	16639691	CHR2:16639691	SSF x Far_LoA	-11,8862108	0,016	0,310
CHR2	16639697	CHR2:16639697	SSF x Far_LoA	-10,3859859	0,061	0,313
CHR2	16639724	CHR2:16639724	SSF x Far_LoA	-9,88990956	0,120	0,308
CHR2	16639732	CHR2:16639732	SSF x Far_LoA	-7,86347443	0,106	0,303
CHR2	16639775	CHR2:16639775	SSF x Far_LoA	-11,4698403	-0,024	0,310
CHR2	16654181	CHR2:16654181	SSF x Far_LoA	-9,46491431	-0,126	0,286
CHR2	16684485	CHR2:16684485	SSF x Far_LoA	-10,5266119	-0,086	0,307
CHR2	16712808	CHR2:16712808	SSF x Far_LoA	-9,07294424	0,006	0,312
CHR2	16734507	CHR2:16734507	SSF x Far_LoA	-11,002069	0,131	0,303
CHR2	16734524	CHR2:16734524	SSF x Far_LoA	-9,55166408	0,096	0,302
CHR2	16734531	CHR2:16734531	SSF x Far_LoA	-8,70795966	0,065	0,306
CHR2	16734706	CHR2:16734706	SSF x Far_LoA	-7,93992595	-0,150	0,286
CHR2	16734766	CHR2:16734766	SSF x Far_LoA	-9,54311548	-0,033	0,313
CHR2	16734806	CHR2:16734806	SSF x Far_LoA	-10,0908313	-0,028	0,306
CHR2	16734816	CHR2:16734816	SSF x Far_LoA	-9,10370116	0,067	0,311
CHR2	16734847	CHR2:16734847	SSF x Far_LoA	-10,4527347	0,076	0,300
CHR2	16740671	CHR2:16740671	SSF x Far_LoA	-11,2038472	-0,113	0,298

CHR2	16746466	CHR2:16746466	SSF x Far_LoA	-9,07038466	-0,002	0,303
CHR2	16784617	CHR2:16784617	SSF x Far_LoA	-9,10864809	0,023	0,300
CHR2	16800296	CHR2:16800296	SSF x Far_LoA	-10,1274574	0,145	0,300
CHR2	1681821	CHR2:1681821	SSF x Far_LoA	-11,3529654	-0,034	0,288
CHR2	16823197	CHR2:16823197	SSF x Far_LoA	-8,13217501	-0,050	0,311
CHR2	16856068	CHR2:16856068	SSF x Far_LoA	-8,05690009	0,070	0,302
CHR2	16875228	CHR2:16875228	SSF x Far_LoA	-8,58816707	0,096	0,297
CHR2	16921698	CHR2:16921698	SSF x Far_LoA	-11,7519512	0,012	0,288
CHR2	16928447	CHR2:16928447	SSF x Far_LoA	-11,2712739	0,015	0,299
CHR2	16943061	CHR2:16943061	SSF x Far_LoA	-8,79561291	-0,008	0,310
CHR2	16943066	CHR2:16943066	SSF x Far_LoA	-4,46720645	0,072	0,319
CHR2	16943110	CHR2:16943110	SSF x Far_LoA	-11,5379495	-0,033	0,305
CHR2	16951287	CHR2:16951287	SSF x Far_LoA	-8,99084825	-0,028	0,309
CHR2	16951335	CHR2:16951335	SSF x Far_LoA	-8,6199084	0,032	0,303
CHR2	16954849	CHR2:16954849	SSF x Far_LoA	-7,17378955	-0,010	0,306
CHR2	16954962	CHR2:16954962	SSF x Far_LoA	-8,98640108	-0,003	0,315
CHR2	16987673	CHR2:16987673	SSF x Far_LoA	-12,3176547	0,076	0,280
CHR2	16987758	CHR2:16987758	SSF x Far_LoA	-9,01809311	-0,056	0,312
CHR2	16991905	CHR2:16991905	SSF x Far_LoA	-8,90140252	-0,072	0,303
CHR2	17022239	CHR2:17022239	SSF x Far_LoA	-9,96513966	-0,041	0,304
CHR2	17022351	CHR2:17022351	SSF x Far_LoA	-10,1001285	0,003	0,309
CHR2	17022378	CHR2:17022378	SSF x Far_LoA	-8,32154378	0,121	0,317
CHR2	17026521	CHR2:17026521	SSF x Far_LoA	-7,73073735	-0,017	0,314
CHR2	17026525	CHR2:17026525	SSF x Far_LoA	-8,57510822	0,010	0,313
CHR2	17026529	CHR2:17026529	SSF x Far_LoA	-8,17970457	0,006	0,310
CHR2	17032000	CHR2:17032000	SSF x Far_LoA	-10,6365363	0,044	0,309
CHR2	17032002	CHR2:17032002	SSF x Far_LoA	-8,3999356	-0,027	0,304
CHR2	17032065	CHR2:17032065	SSF x Far_LoA	-8,67378006	-0,038	0,310
CHR2	17036518	CHR2:17036518	SSF x Far_LoA	-8,61797098	-0,068	0,303
CHR2	17038435	CHR2:17038435	SSF x Far_LoA	-9,98055851	-0,057	0,315
CHR2	17061954	CHR2:17061954	SSF x Far_LoA	-4,86959987	-0,182	0,291
CHR2	17062068	CHR2:17062068	SSF x Far_LoA	-7,82534354	0,020	0,309
CHR2	17081708	CHR2:17081708	SSF x Far_LoA	-8,49509818	0,042	0,302
CHR2	1712250	CHR2:1712250	SSF x Far_LoA	-9,26444139	0,031	0,295
CHR2	1712288	CHR2:1712288	SSF x Far_LoA	-10,04636	-0,009	0,319
CHR2	1712342	CHR2:1712342	SSF x Far_LoA	-11,0679486	-0,063	0,310
CHR2	17128419	CHR2:17128419	SSF x Far_LoA	-11,2123748	-0,072	0,295
CHR2	17131758	CHR2:17131758	SSF x Far_LoA	-9,61707171	0,055	0,303
CHR2	17131768	CHR2:17131768	SSF x Far_LoA	-9,58973102	0,041	0,300
CHR2	1714027	CHR2:1714027	SSF x Far_LoA	-9,74352697	-0,052	0,310
CHR2	1714068	CHR2:1714068	SSF x Far_LoA	-11,1411089	-0,059	0,305
CHR2	1714174	CHR2:1714174	SSF x Far_LoA	-9,17062729	0,069	0,284
CHR2	1714206	CHR2:1714206	SSF x Far_LoA	-8,87174374	-0,018	0,323
CHR2	17162215	CHR2:17162215	SSF x Far_LoA	-10,5675586	-0,078	0,310
CHR2	17162294	CHR2:17162294	SSF x Far_LoA	-6,58569026	-0,148	0,292
CHR2	17162326	CHR2:17162326	SSF x Far_LoA	-9,34970541	-0,074	0,300
CHR2	17162361	CHR2:17162361	SSF x Far_LoA	-9,85887088	-0,090	0,299
CHR2	17162416	CHR2:17162416	SSF x Far_LoA	-8,82032942	-0,084	0,302
CHR2	17165164	CHR2:17165164	SSF x Far_LoA	-9,60169421	-0,076	0,295
CHR2	17165176	CHR2:17165176	SSF x Far_LoA	-9,99892138	-0,065	0,294
CHR2	17170765	CHR2:17170765	SSF x Far_LoA	-6,96445052	0,101	0,296
CHR2	17170813	CHR2:17170813	SSF x Far_LoA	-7,96845482	0,071	0,313
CHR2	17170838	CHR2:17170838	SSF x Far_LoA	-10,0779388	0,076	0,301

CHR2	17170893	CHR2:17170893	SSF x Far_LoA	-10,40307	0,056	0,291
CHR2	17177456	CHR2:17177456	SSF x Far_LoA	-6,1427386	-0,016	0,322
CHR2	17181206	CHR2:17181206	SSF x Far_LoA	-9,10764623	0,071	0,306
CHR2	17184956	CHR2:17184956	SSF x Far_LoA	-10,8962142	-0,073	0,293
CHR2	17189765	CHR2:17189765	SSF x Far_LoA	-10,3429953	0,005	0,298
CHR2	17210548	CHR2:17210548	SSF x Far_LoA	-10,1733145	-0,045	0,315
CHR2	17210555	CHR2:17210555	SSF x Far_LoA	-9,24280245	-0,014	0,331
CHR2	17210586	CHR2:17210586	SSF x Far_LoA	-8,06054404	-0,129	0,308
CHR2	17212559	CHR2:17212559	SSF x Far_LoA	-10,1676718	-0,046	0,302
CHR2	17212643	CHR2:17212643	SSF x Far_LoA	-7,89853975	0,084	0,308
CHR2	17212662	CHR2:17212662	SSF x Far_LoA	-9,77401241	-0,020	0,309
CHR2	17212757	CHR2:17212757	SSF x Far_LoA	-10,2504192	-0,013	0,305
CHR2	17215280	CHR2:17215280	SSF x Far_LoA	-8,4431986	0,238	0,278
CHR2	17215340	CHR2:17215340	SSF x Far_LoA	-7,98297308	0,063	0,305
CHR2	17215348	CHR2:17215348	SSF x Far_LoA	-8,42487684	0,078	0,301
CHR2	17215359	CHR2:17215359	SSF x Far_LoA	-8,10776283	0,113	0,289
CHR2	17215363	CHR2:17215363	SSF x Far_LoA	-9,27176709	-0,027	0,314
CHR2	17215366	CHR2:17215366	SSF x Far_LoA	-7,95294256	-0,011	0,301
CHR2	17215367	CHR2:17215367	SSF x Far_LoA	-7,87621137	0,092	0,322
CHR2	17215406	CHR2:17215406	SSF x Far_LoA	-9,39925118	-0,032	0,311
CHR2	17220037	CHR2:17220037	SSF x Far_LoA	-8,79206071	-0,091	0,314
CHR2	17220106	CHR2:17220106	SSF x Far_LoA	-9,21181939	-0,064	0,308
CHR2	17220141	CHR2:17220141	SSF x Far_LoA	-10,6174614	0,095	0,298
CHR2	17220596	CHR2:17220596	SSF x Far_LoA	-10,548895	0,046	0,295
CHR2	17220615	CHR2:17220615	SSF x Far_LoA	-11,1459626	-0,071	0,291
CHR2	17220637	CHR2:17220637	SSF x Far_LoA	-10,5735268	0,115	0,314
CHR2	17220642	CHR2:17220642	SSF x Far_LoA	-10,14491	-0,048	0,299
CHR2	17220678	CHR2:17220678	SSF x Far_LoA	-9,90629659	0,044	0,320
CHR2	17220692	CHR2:17220692	SSF x Far_LoA	-10,4384797	0,165	0,295
CHR2	17230155	CHR2:17230155	SSF x Far_LoA	-9,01358841	-0,055	0,309
CHR2	1723210	CHR2:1723210	SSF x Far_LoA	-8,27833405	-0,029	0,290
CHR2	17235061	CHR2:17235061	SSF x Far_LoA	-10,5547199	0,093	0,312
CHR2	17235082	CHR2:17235082	SSF x Far_LoA	-8,4661721	0,095	0,309
CHR2	17236264	CHR2:17236264	SSF x Far_LoA	-5,46992482	-0,156	0,312
CHR2	17236306	CHR2:17236306	SSF x Far_LoA	-11,2034622	-0,030	0,320
CHR2	17241001	CHR2:17241001	SSF x Far_LoA	-8,40421027	-0,022	0,312
CHR2	17253856	CHR2:17253856	SSF x Far_LoA	-9,16228009	0,018	0,317
CHR2	17253859	CHR2:17253859	SSF x Far_LoA	-12,1760859	-0,001	0,308
CHR2	17253911	CHR2:17253911	SSF x Far_LoA	-11,1819403	0,041	0,324
CHR2	17253941	CHR2:17253941	SSF x Far_LoA	-6,17127388	0,023	0,321
CHR2	17254082	CHR2:17254082	SSF x Far_LoA	-9,43784281	0,108	0,300
CHR2	17254112	CHR2:17254112	SSF x Far_LoA	-8,64086899	-0,086	0,309
CHR2	1727839	CHR2:1727839	SSF x Far_LoA	-9,43546158	-0,067	0,314
CHR2	17280093	CHR2:17280093	SSF x Far_LoA	-8,99250577	0,044	0,300
CHR2	17297191	CHR2:17297191	SSF x Far_LoA	-8,67537125	0,134	0,300
CHR2	17297258	CHR2:17297258	SSF x Far_LoA	-9,40663288	-0,070	0,307
CHR2	17297772	CHR2:17297772	SSF x Far_LoA	-7,77606016	0,078	0,310
CHR2	17297830	CHR2:17297830	SSF x Far_LoA	-7,55660176	0,198	0,307
CHR2	17330172	CHR2:17330172	SSF x Far_LoA	-11,4584996	-0,056	0,314
CHR2	17330244	CHR2:17330244	SSF x Far_LoA	-10,3484227	-0,034	0,303
CHR2	17334858	CHR2:17334858	SSF x Far_LoA	-11,350187	-0,093	0,321
CHR2	17341354	CHR2:17341354	SSF x Far_LoA	-10,5187894	-0,020	0,318
CHR2	17349835	CHR2:17349835	SSF x Far_LoA	-10,5671938	0,032	0,310

CHR2	17355018	CHR2:17355018	SSF x Far_LoA	3,89177914	-0,164	0,297
CHR2	17355265	CHR2:17355265	SSF x Far_LoA	-9,17090914	0,033	0,305
CHR2	17358600	CHR2:17358600	SSF x Far_LoA	-6,43203581	-0,154	0,297
CHR2	17378551	CHR2:17378551	SSF x Far_LoA	-8,66240111	-0,087	0,301
CHR2	17378607	CHR2:17378607	SSF x Far_LoA	-7,01328421	-0,156	0,305
CHR2	17378610	CHR2:17378610	SSF x Far_LoA	2,61571818	-0,087	0,308
CHR2	17378725	CHR2:17378725	SSF x Far_LoA	-11,0310961	0,082	0,299
CHR2	17378732	CHR2:17378732	SSF x Far_LoA	-7,89827312	-0,119	0,298
CHR2	17378749	CHR2:17378749	SSF x Far_LoA	-6,0244227	-0,097	0,304
CHR2	17378754	CHR2:17378754	SSF x Far_LoA	-7,7853706	-0,113	0,302
CHR2	17382696	CHR2:17382696	SSF x Far_LoA	-8,87017536	-0,029	0,309
CHR2	17383438	CHR2:17383438	SSF x Far_LoA	-10,5177903	0,043	0,296
CHR2	17383465	CHR2:17383465	SSF x Far_LoA	-11,0204112	-0,015	0,302
CHR2	17383533	CHR2:17383533	SSF x Far_LoA	-10,9901284	-0,004	0,294
CHR2	17396802	CHR2:17396802	SSF x Far_LoA	-11,2280494	-0,019	0,314
CHR2	17396838	CHR2:17396838	SSF x Far_LoA	-9,3492873	0,033	0,320
CHR2	17396892	CHR2:17396892	SSF x Far_LoA	-10,9968863	-0,012	0,316
CHR2	17396907	CHR2:17396907	SSF x Far_LoA	-10,6112821	-0,013	0,305
CHR2	17409644	CHR2:17409644	SSF x Far_LoA	-8,41670349	0,046	0,308
CHR2	17411856	CHR2:17411856	SSF x Far_LoA	0,85504884	-0,018	0,315
CHR2	17411890	CHR2:17411890	SSF x Far_LoA	-10,4704664	-0,007	0,313
CHR2	17411922	CHR2:17411922	SSF x Far_LoA	-8,49318056	-0,028	0,315
CHR2	17411925	CHR2:17411925	SSF x Far_LoA	-10,9856873	-0,046	0,305
CHR2	17443636	CHR2:17443636	SSF x Far_LoA	-11,073528	-0,035	0,296
CHR2	17443738	CHR2:17443738	SSF x Far_LoA	-10,5646499	-0,050	0,303
CHR2	17443760	CHR2:17443760	SSF x Far_LoA	-10,7132943	-0,068	0,305
CHR2	17448670	CHR2:17448670	SSF x Far_LoA	-7,52731524	-0,113	0,305
CHR2	17448671	CHR2:17448671	SSF x Far_LoA	-6,99547914	-0,117	0,302
CHR2	17448674	CHR2:17448674	SSF x Far_LoA	-8,51238632	-0,093	0,303
CHR2	17448675	CHR2:17448675	SSF x Far_LoA	-8,4593304	-0,103	0,303
CHR2	17448677	CHR2:17448677	SSF x Far_LoA	-5,00418552	-0,086	0,332
CHR2	17448678	CHR2:17448678	SSF x Far_LoA	-8,57992752	-0,090	0,315
CHR2	17448679	CHR2:17448679	SSF x Far_LoA	-7,16749885	-0,074	0,315
CHR2	17448755	CHR2:17448755	SSF x Far_LoA	-3,5229057	-0,090	0,312
CHR2	17465430	CHR2:17465430	SSF x Far_LoA	-8,59947978	-0,006	0,312
CHR2	17465501	CHR2:17465501	SSF x Far_LoA	-8,8745512	0,041	0,317
CHR2	17465536	CHR2:17465536	SSF x Far_LoA	-11,8780795	0,040	0,317
CHR2	17487129	CHR2:17487129	SSF x Far_LoA	-8,54440613	0,144	0,301
CHR2	17487164	CHR2:17487164	SSF x Far_LoA	-11,3332527	0,107	0,309
CHR2	17487199	CHR2:17487199	SSF x Far_LoA	-7,70058456	-0,029	0,308
CHR2	17487721	CHR2:17487721	SSF x Far_LoA	-8,95534185	0,167	0,305
CHR2	1749201	CHR2:1749201	SSF x Far_LoA	-10,7890189	-0,143	0,300
CHR2	1749252	CHR2:1749252	SSF x Far_LoA	-10,2172554	0,085	0,299
CHR2	17505352	CHR2:17505352	SSF x Far_LoA	-8,79315505	-0,022	0,321
CHR2	1751045	CHR2:1751045	SSF x Far_LoA	-10,7992823	-0,051	0,310
CHR2	1751062	CHR2:1751062	SSF x Far_LoA	-10,8631862	0,128	0,307
CHR2	1751135	CHR2:1751135	SSF x Far_LoA	5,04628206	-0,095	0,288
CHR2	17527118	CHR2:17527118	SSF x Far_LoA	-10,3303975	0,076	0,297
CHR2	17527301	CHR2:17527301	SSF x Far_LoA	-10,5172544	0,079	0,296
CHR2	17536647	CHR2:17536647	SSF x Far_LoA	-1,114264	-0,202	0,297
CHR2	17536749	CHR2:17536749	SSF x Far_LoA	-8,20013115	-0,029	0,298
CHR2	17557106	CHR2:17557106	SSF x Far_LoA	-8,42550423	0,180	0,293
CHR2	17562455	CHR2:17562455	SSF x Far_LoA	-11,4876438	0,004	0,305

CHR2	17569723	CHR2:17569723	SSF x Far_LoA	-11,8165175	0,029	0,303
CHR2	17569737	CHR2:17569737	SSF x Far_LoA	-8,22706385	-0,096	0,308
CHR2	17569795	CHR2:17569795	SSF x Far_LoA	-9,68607242	0,035	0,312
CHR2	17582171	CHR2:17582171	SSF x Far_LoA	-9,76607409	-0,008	0,308
CHR2	17582264	CHR2:17582264	SSF x Far_LoA	-9,8845883	0,002	0,303
CHR2	17591769	CHR2:17591769	SSF x Far_LoA	-8,93310035	-0,011	0,294
CHR2	17594943	CHR2:17594943	SSF x Far_LoA	-8,55227365	-0,103	0,287
CHR2	17594965	CHR2:17594965	SSF x Far_LoA	-11,271689	-0,041	0,306
CHR2	17599758	CHR2:17599758	SSF x Far_LoA	-9,13892626	-0,112	0,301
CHR2	17603375	CHR2:17603375	SSF x Far_LoA	-9,90855978	-0,089	0,302
CHR2	17603407	CHR2:17603407	SSF x Far_LoA	-10,1257697	-0,066	0,321
CHR2	17603429	CHR2:17603429	SSF x Far_LoA	-8,71290571	-0,072	0,288
CHR2	17603457	CHR2:17603457	SSF x Far_LoA	-9,74799298	-0,094	0,304
CHR2	17608675	CHR2:17608675	SSF x Far_LoA	-9,13094064	0,035	0,286
CHR2	17608688	CHR2:17608688	SSF x Far_LoA	-7,3943317	-0,071	0,320
CHR2	17612116	CHR2:17612116	SSF x Far_LoA	-10,0469719	-0,042	0,314
CHR2	17612176	CHR2:17612176	SSF x Far_LoA	-7,28369141	0,066	0,300
CHR2	17612186	CHR2:17612186	SSF x Far_LoA	-9,17461616	-0,039	0,335
CHR2	17612363	CHR2:17612363	SSF x Far_LoA	-7,9968823	0,097	0,287
CHR2	17635404	CHR2:17635404	SSF x Far_LoA	-7,74849966	0,056	0,303
CHR2	17644960	CHR2:17644960	SSF x Far_LoA	-6,37781224	-0,034	0,311
CHR2	17703913	CHR2:17703913	SSF x Far_LoA	-4,55651255	0,021	0,296
CHR2	17703994	CHR2:17703994	SSF x Far_LoA	-11,5037704	-0,055	0,309
CHR2	17704093	CHR2:17704093	SSF x Far_LoA	-8,68810856	-0,070	0,318
CHR2	17709586	CHR2:17709586	SSF x Far_LoA	-10,2243837	0,037	0,307
CHR2	17709589	CHR2:17709589	SSF x Far_LoA	-5,08056407	-0,030	0,309
CHR2	17718447	CHR2:17718447	SSF x Far_LoA	-11,0883925	-0,007	0,314
CHR2	17718460	CHR2:17718460	SSF x Far_LoA	-10,3585571	0,109	0,301
CHR2	17718467	CHR2:17718467	SSF x Far_LoA	-6,23447346	0,049	0,307
CHR2	17724363	CHR2:17724363	SSF x Far_LoA	-10,120359	-0,045	0,304
CHR2	17724439	CHR2:17724439	SSF x Far_LoA	-9,59681548	-0,086	0,309
CHR2	17732009	CHR2:17732009	SSF x Far_LoA	-9,51056134	-0,073	0,310
CHR2	17732090	CHR2:17732090	SSF x Far_LoA	-5,00436888	0,059	0,313
CHR2	1775257	CHR2:1775257	SSF x Far_LoA	-9,01291605	0,036	0,300
CHR2	1775406	CHR2:1775406	SSF x Far_LoA	-6,8423389	0,139	0,300
CHR2	1775415	CHR2:1775415	SSF x Far_LoA	-8,20857536	0,078	0,306
CHR2	1775426	CHR2:1775426	SSF x Far_LoA	-4,76207629	-0,072	0,321
CHR2	17769401	CHR2:17769401	SSF x Far_LoA	-10,0300604	0,094	0,301
CHR2	17769535	CHR2:17769535	SSF x Far_LoA	-10,0665584	0,043	0,309
CHR2	17769588	CHR2:17769588	SSF x Far_LoA	-9,96332311	0,050	0,315
CHR2	17777487	CHR2:17777487	SSF x Far_LoA	-9,8733621	0,056	0,301
CHR2	17777534	CHR2:17777534	SSF x Far_LoA	-10,0989564	0,072	0,301
CHR2	17777642	CHR2:17777642	SSF x Far_LoA	-10,2462712	0,019	0,307
CHR2	17780268	CHR2:17780268	SSF x Far_LoA	-8,04391483	-0,088	0,311
CHR2	17787224	CHR2:17787224	SSF x Far_LoA	-10,1990848	-0,016	0,312
CHR2	17787272	CHR2:17787272	SSF x Far_LoA	-11,1608255	-0,005	0,296
CHR2	17793633	CHR2:17793633	SSF x Far_LoA	-8,05402739	-0,050	0,315
CHR2	17801076	CHR2:17801076	SSF x Far_LoA	-8,65524619	-0,026	0,329
CHR2	17801203	CHR2:17801203	SSF x Far_LoA	-8,26178723	-0,105	0,316
CHR2	17815481	CHR2:17815481	SSF x Far_LoA	-6,18880514	-0,124	0,306
CHR2	17815705	CHR2:17815705	SSF x Far_LoA	-4,19070779	-0,128	0,304
CHR2	17815716	CHR2:17815716	SSF x Far_LoA	-10,0287923	0,007	0,316
CHR2	17820851	CHR2:17820851	SSF x Far_LoA	-10,7946435	0,036	0,299

CHR2	17820908	CHR2:17820908	SSF x Far_LoA	-8,58285067	0,070	0,305
CHR2	17820977	CHR2:17820977	SSF x Far_LoA	-12,1354841	0,094	0,290
CHR2	17821019	CHR2:17821019	SSF x Far_LoA	-8,6285626	-0,104	0,299
CHR2	1782363	CHR2:1782363	SSF x Far_LoA	-8,22017713	-0,015	0,316
CHR2	1782470	CHR2:1782470	SSF x Far_LoA	-8,73642935	0,034	0,308
CHR2	17827684	CHR2:17827684	SSF x Far_LoA	-10,0304875	-0,096	0,301
CHR2	17827709	CHR2:17827709	SSF x Far_LoA	-10,544651	-0,012	0,309
CHR2	17827755	CHR2:17827755	SSF x Far_LoA	-7,40176924	-0,104	0,321
CHR2	17827772	CHR2:17827772	SSF x Far_LoA	-6,49726392	-0,118	0,301
CHR2	17827822	CHR2:17827822	SSF x Far_LoA	-11,2400207	-0,032	0,305
CHR2	17827853	CHR2:17827853	SSF x Far_LoA	-11,3851177	0,017	0,303
CHR2	17839090	CHR2:17839090	SSF x Far_LoA	-8,72880837	0,134	0,299
CHR2	17839091	CHR2:17839091	SSF x Far_LoA	-8,29864901	0,160	0,300
CHR2	17848209	CHR2:17848209	SSF x Far_LoA	-7,98547877	-0,001	0,329
CHR2	17848260	CHR2:17848260	SSF x Far_LoA	-9,47675897	0,010	0,309
CHR2	17848374	CHR2:17848374	SSF x Far_LoA	-8,51184986	0,120	0,316
CHR2	17875760	CHR2:17875760	SSF x Far_LoA	-10,1968721	-0,005	0,319
CHR2	1787952	CHR2:1787952	SSF x Far_LoA	-10,3935507	0,065	0,297
CHR2	1788036	CHR2:1788036	SSF x Far_LoA	-9,45670429	0,062	0,304
CHR2	1788044	CHR2:1788044	SSF x Far_LoA	-8,13238774	-0,066	0,317
CHR2	1788117	CHR2:1788117	SSF x Far_LoA	-10,732136	-0,015	0,321
CHR2	1788118	CHR2:1788118	SSF x Far_LoA	-9,4957931	-0,026	0,317
CHR2	1788196	CHR2:1788196	SSF x Far_LoA	-8,4802379	0,046	0,298
CHR2	1788212	CHR2:1788212	SSF x Far_LoA	-10,180779	-0,085	0,291
CHR2	17898496	CHR2:17898496	SSF x Far_LoA	-6,00298075	-0,115	0,300
CHR2	17963492	CHR2:17963492	SSF x Far_LoA	-11,398023	0,039	0,318
CHR2	17963545	CHR2:17963545	SSF x Far_LoA	-12,0650694	-0,030	0,300
CHR2	1797974	CHR2:1797974	SSF x Far_LoA	-9,12722296	0,133	0,299
CHR2	1797988	CHR2:1797988	SSF x Far_LoA	-10,8928099	0,070	0,301
CHR2	1798005	CHR2:1798005	SSF x Far_LoA	-10,3825284	0,108	0,305
CHR2	17985737	CHR2:17985737	SSF x Far_LoA	-8,23209954	-0,052	0,298
CHR2	18005668	CHR2:18005668	SSF x Far_LoA	-5,9683216	-0,137	0,297
CHR2	1801125	CHR2:1801125	SSF x Far_LoA	-9,68126291	0,052	0,313
CHR2	1801163	CHR2:1801163	SSF x Far_LoA	-11,0093979	0,036	0,308
CHR2	1801213	CHR2:1801213	SSF x Far_LoA	-11,2986978	-0,012	0,305
CHR2	1801229	CHR2:1801229	SSF x Far_LoA	-10,0663238	0,015	0,307
CHR2	18054812	CHR2:18054812	SSF x Far_LoA	-8,72981573	-0,082	0,305
CHR2	1806258	CHR2:1806258	SSF x Far_LoA	-8,34487189	0,083	0,304
CHR2	18072579	CHR2:18072579	SSF x Far_LoA	-10,8848853	0,072	0,287
CHR2	180927	CHR2:180927	SSF x Far_LoA	-8,91910281	0,032	0,309
CHR2	18095703	CHR2:18095703	SSF x Far_LoA	-10,6160325	0,001	0,307
CHR2	180964	CHR2:180964	SSF x Far_LoA	-9,36541599	0,036	0,307
CHR2	180970	CHR2:180970	SSF x Far_LoA	-7,98409602	0,016	0,328
CHR2	180980	CHR2:180980	SSF x Far_LoA	-5,83615345	0,024	0,317
CHR2	180994	CHR2:180994	SSF x Far_LoA	-9,04811623	0,040	0,313
CHR2	180996	CHR2:180996	SSF x Far_LoA	-7,57354327	0,001	0,335
CHR2	181009	CHR2:181009	SSF x Far_LoA	-7,7303807	0,050	0,321
CHR2	181010	CHR2:181010	SSF x Far_LoA	-8,53406799	0,023	0,319
CHR2	181036	CHR2:181036	SSF x Far_LoA	-8,17937915	0,013	0,315
CHR2	181038	CHR2:181038	SSF x Far_LoA	-8,3304148	0,009	0,316
CHR2	181052	CHR2:181052	SSF x Far_LoA	-8,34793914	-0,004	0,320
CHR2	181055	CHR2:181055	SSF x Far_LoA	-8,6085081	0,006	0,318
CHR2	18131381	CHR2:18131381	SSF x Far_LoA	-10,6852316	0,113	0,302

CHR2	18147062	CHR2:18147062	SSF x Far_LoA	-8,75843343	-0,034	0,320
CHR2	18147065	CHR2:18147065	SSF x Far_LoA	-8,29095535	-0,019	0,314
CHR2	18147185	CHR2:18147185	SSF x Far_LoA	-9,01635704	-0,003	0,313
CHR2	18147211	CHR2:18147211	SSF x Far_LoA	-8,80471558	0,012	0,314
CHR2	18147245	CHR2:18147245	SSF x Far_LoA	-8,01315561	0,017	0,316
CHR2	18147251	CHR2:18147251	SSF x Far_LoA	-6,65439825	-0,016	0,325
CHR2	18147350	CHR2:18147350	SSF x Far_LoA	-8,47492589	0,021	0,319
CHR2	18147416	CHR2:18147416	SSF x Far_LoA	-6,86203077	0,000	0,321
CHR2	18147466	CHR2:18147466	SSF x Far_LoA	-7,24534664	0,002	0,324
CHR2	18147484	CHR2:18147484	SSF x Far_LoA	-7,80233436	-0,019	0,320
CHR2	18174862	CHR2:18174862	SSF x Far_LoA	-10,7141527	0,022	0,291
CHR2	1824395	CHR2:1824395	SSF x Far_LoA	-2,43889996	-0,042	0,300
CHR2	1824445	CHR2:1824445	SSF x Far_LoA	-10,0655972	-0,124	0,301
CHR2	1827815	CHR2:1827815	SSF x Far_LoA	-10,1447646	0,087	0,302
CHR2	1843547	CHR2:1843547	SSF x Far_LoA	-7,97105507	0,094	0,308
CHR2	1847370	CHR2:1847370	SSF x Far_LoA	-9,5665828	0,068	0,312
CHR2	1850031	CHR2:1850031	SSF x Far_LoA	-8,79897212	-0,098	0,302
CHR2	1850102	CHR2:1850102	SSF x Far_LoA	-10,4966214	0,040	0,318
CHR2	1866182	CHR2:1866182	SSF x Far_LoA	-9,06394012	-0,078	0,299
CHR2	1866290	CHR2:1866290	SSF x Far_LoA	-7,60010273	-0,097	0,295
CHR2	1866312	CHR2:1866312	SSF x Far_LoA	-9,0744829	-0,067	0,303
CHR2	1872355	CHR2:1872355	SSF x Far_LoA	-11,8662577	0,046	0,299
CHR2	1872388	CHR2:1872388	SSF x Far_LoA	-7,6370792	-0,066	0,305
CHR2	1898235	CHR2:1898235	SSF x Far_LoA	10,9900799	-0,178	0,306
CHR2	1913438	CHR2:1913438	SSF x Far_LoA	-7,490984	0,117	0,301
CHR2	1913490	CHR2:1913490	SSF x Far_LoA	-10,5043815	0,045	0,312
CHR2	1913494	CHR2:1913494	SSF x Far_LoA	-8,35096726	-0,151	0,302
CHR2	1913541	CHR2:1913541	SSF x Far_LoA	-10,8434283	-0,013	0,320
CHR2	1913543	CHR2:1913543	SSF x Far_LoA	-10,6701458	-0,060	0,295
CHR2	1913660	CHR2:1913660	SSF x Far_LoA	-9,89467215	-0,089	0,313
CHR2	1913670	CHR2:1913670	SSF x Far_LoA	-9,35588108	0,016	0,304
CHR2	1915322	CHR2:1915322	SSF x Far_LoA	-9,21165784	0,177	0,306
CHR2	1915330	CHR2:1915330	SSF x Far_LoA	-7,64417179	0,159	0,293
CHR2	1915415	CHR2:1915415	SSF x Far_LoA	-7,78677408	-0,039	0,287
CHR2	1915422	CHR2:1915422	SSF x Far_LoA	-10,2686284	-0,122	0,307
CHR2	1915483	CHR2:1915483	SSF x Far_LoA	-7,06979393	-0,116	0,309
CHR2	1915536	CHR2:1915536	SSF x Far_LoA	-11,1188846	-0,047	0,308
CHR2	1915557	CHR2:1915557	SSF x Far_LoA	-7,49691864	-0,138	0,297
CHR2	1923031	CHR2:1923031	SSF x Far_LoA	-9,91427021	0,037	0,311
CHR2	1923056	CHR2:1923056	SSF x Far_LoA	-7,40411947	0,034	0,308
CHR2	1923093	CHR2:1923093	SSF x Far_LoA	-10,0978791	-0,025	0,319
CHR2	1924336	CHR2:1924336	SSF x Far_LoA	-8,34468707	0,109	0,282
CHR2	1924340	CHR2:1924340	SSF x Far_LoA	-5,21098823	0,132	0,288
CHR2	1924352	CHR2:1924352	SSF x Far_LoA	-5,29783364	-0,181	0,303
CHR2	1924391	CHR2:1924391	SSF x Far_LoA	-10,0875447	-0,076	0,310
CHR2	1924446	CHR2:1924446	SSF x Far_LoA	-10,7361044	-0,005	0,291
CHR2	1958674	CHR2:1958674	SSF x Far_LoA	-11,2449509	-0,032	0,303
CHR2	1958795	CHR2:1958795	SSF x Far_LoA	-8,68627808	-0,048	0,316
CHR2	1958814	CHR2:1958814	SSF x Far_LoA	-10,0200441	-0,001	0,312
CHR2	1958830	CHR2:1958830	SSF x Far_LoA	-12,5016053	0,017	0,297
CHR2	1958853	CHR2:1958853	SSF x Far_LoA	-10,0814539	0,035	0,320
CHR2	1958872	CHR2:1958872	SSF x Far_LoA	-9,70406069	-0,043	0,312
CHR2	1960372	CHR2:1960372	SSF x Far_LoA	-7,36126883	0,114	0,297

CHR2	1960426	CHR2:1960426	SSF x Far_LoA	-10,5175669	-0,008	0,310
CHR2	1960438	CHR2:1960438	SSF x Far_LoA	-9,89042589	0,021	0,310
CHR2	1960899	CHR2:1960899	SSF x Far_LoA	-2,99824661	-0,252	0,284
CHR2	1960931	CHR2:1960931	SSF x Far_LoA	-10,4492872	-0,011	0,309
CHR2	1973778	CHR2:1973778	SSF x Far_LoA	-8,12635368	0,066	0,310
CHR2	1973780	CHR2:1973780	SSF x Far_LoA	-7,34361186	0,113	0,317
CHR2	1973808	CHR2:1973808	SSF x Far_LoA	-10,249755	-0,112	0,306
CHR2	1973812	CHR2:1973812	SSF x Far_LoA	-8,8066763	-0,099	0,305
CHR2	1973819	CHR2:1973819	SSF x Far_LoA	-9,84668642	-0,064	0,290
CHR2	1973829	CHR2:1973829	SSF x Far_LoA	-9,823913	-0,106	0,298
CHR2	1973836	CHR2:1973836	SSF x Far_LoA	-8,11489079	0,082	0,303
CHR2	1973839	CHR2:1973839	SSF x Far_LoA	-9,68194265	-0,106	0,274
CHR2	1973863	CHR2:1973863	SSF x Far_LoA	-8,60484886	0,081	0,298
CHR2	1973903	CHR2:1973903	SSF x Far_LoA	-10,341327	-0,050	0,304
CHR2	1973953	CHR2:1973953	SSF x Far_LoA	-6,81004523	0,112	0,313
CHR2	1973959	CHR2:1973959	SSF x Far_LoA	-7,4012727	0,081	0,317
CHR2	1973982	CHR2:1973982	SSF x Far_LoA	-10,6206858	0,049	0,290
CHR2	1974026	CHR2:1974026	SSF x Far_LoA	-7,50698505	0,126	0,301
CHR2	1974095	CHR2:1974095	SSF x Far_LoA	-10,3484465	0,066	0,297
CHR2	1999026	CHR2:1999026	SSF x Far_LoA	-9,28593991	0,025	0,316
CHR2	1999044	CHR2:1999044	SSF x Far_LoA	-8,91137598	0,089	0,306
CHR2	1999062	CHR2:1999062	SSF x Far_LoA	-11,7447867	0,020	0,298
CHR2	1999065	CHR2:1999065	SSF x Far_LoA	-5,5433277	-0,137	0,309
CHR2	1999101	CHR2:1999101	SSF x Far_LoA	-11,6828859	0,078	0,293
CHR2	1999106	CHR2:1999106	SSF x Far_LoA	-9,53607897	-0,039	0,314
CHR2	200744	CHR2:200744	SSF x Far_LoA	-8,58227983	0,024	0,307
CHR2	2010635	CHR2:2010635	SSF x Far_LoA	-9,70747991	-0,034	0,290
CHR2	2019509	CHR2:2019509	SSF x Far_LoA	-6,3780214	0,147	0,306
CHR2	2019511	CHR2:2019511	SSF x Far_LoA	-3,71817287	0,156	0,307
CHR2	2019635	CHR2:2019635	SSF x Far_LoA	-10,6133397	-0,060	0,307
CHR2	2029205	CHR2:2029205	SSF x Far_LoA	-8,87409878	0,011	0,317
CHR2	2029335	CHR2:2029335	SSF x Far_LoA	-10,7993096	-0,060	0,289
CHR2	2029488	CHR2:2029488	SSF x Far_LoA	-8,98220283	0,093	0,303
CHR2	2029503	CHR2:2029503	SSF x Far_LoA	-11,5670246	0,084	0,310
CHR2	2029597	CHR2:2029597	SSF x Far_LoA	-9,22538422	0,063	0,318
CHR2	2029630	CHR2:2029630	SSF x Far_LoA	-8,15396916	0,009	0,304
CHR2	2081482	CHR2:2081482	SSF x Far_LoA	-10,1508623	0,010	0,311
CHR2	2081588	CHR2:2081588	SSF x Far_LoA	-10,859387	-0,001	0,310
CHR2	2081598	CHR2:2081598	SSF x Far_LoA	-11,616731	0,001	0,301
CHR2	2082857	CHR2:2082857	SSF x Far_LoA	-7,45698585	-0,156	0,297
CHR2	2082889	CHR2:2082889	SSF x Far_LoA	-7,52199776	-0,075	0,313
CHR2	2083115	CHR2:2083115	SSF x Far_LoA	-7,36008689	-0,128	0,294
CHR2	2083137	CHR2:2083137	SSF x Far_LoA	-6,98442559	-0,132	0,288
CHR2	2083139	CHR2:2083139	SSF x Far_LoA	-11,1141806	-0,021	0,301
CHR2	2083140	CHR2:2083140	SSF x Far_LoA	-6,67533027	-0,145	0,303
CHR2	2083145	CHR2:2083145	SSF x Far_LoA	-11,7623059	-0,025	0,311
CHR2	2083204	CHR2:2083204	SSF x Far_LoA	-6,67130686	-0,128	0,301
CHR2	2083212	CHR2:2083212	SSF x Far_LoA	-10,6460929	0,006	0,320
CHR2	2092177	CHR2:2092177	SSF x Far_LoA	-9,52461458	0,112	0,307
CHR2	2092214	CHR2:2092214	SSF x Far_LoA	-8,77504001	0,114	0,304
CHR2	2092385	CHR2:2092385	SSF x Far_LoA	-10,9602998	0,047	0,300
CHR2	2092436	CHR2:2092436	SSF x Far_LoA	-8,49299953	-0,001	0,299
CHR2	2112890	CHR2:2112890	SSF x Far_LoA	-7,91988816	0,104	0,301

CHR2	2112924	CHR2:2112924	SSF x Far_LoA	-8,89335128	-0,060	0,317
CHR2	2112945	CHR2:2112945	SSF x Far_LoA	-9,59519525	-0,020	0,289
CHR2	2112947	CHR2:2112947	SSF x Far_LoA	-6,50902811	-0,090	0,315
CHR2	2112958	CHR2:2112958	SSF x Far_LoA	-7,01915145	0,164	0,300
CHR2	2112970	CHR2:2112970	SSF x Far_LoA	-8,56566853	-0,083	0,326
CHR2	2112976	CHR2:2112976	SSF x Far_LoA	-4,90401105	0,103	0,280
CHR2	2112985	CHR2:2112985	SSF x Far_LoA	-9,42118515	-0,059	0,306
CHR2	2113039	CHR2:2113039	SSF x Far_LoA	-5,09837419	-0,051	0,312
CHR2	2113087	CHR2:2113087	SSF x Far_LoA	-8,6725464	-0,064	0,318
CHR2	2114955	CHR2:2114955	SSF x Far_LoA	-10,2701931	0,043	0,312
CHR2	2124074	CHR2:2124074	SSF x Far_LoA	-8,8404824	0,083	0,298
CHR2	2124116	CHR2:2124116	SSF x Far_LoA	-11,1472634	0,071	0,320
CHR2	2134269	CHR2:2134269	SSF x Far_LoA	-9,72075737	0,011	0,311
CHR2	2134319	CHR2:2134319	SSF x Far_LoA	-7,27058099	-0,025	0,304
CHR2	2134342	CHR2:2134342	SSF x Far_LoA	-9,83226954	-0,014	0,308
CHR2	2134405	CHR2:2134405	SSF x Far_LoA	-6,27464301	-0,066	0,310
CHR2	2134416	CHR2:2134416	SSF x Far_LoA	-10,6739877	0,034	0,299
CHR2	2134457	CHR2:2134457	SSF x Far_LoA	-11,1509451	0,000	0,325
CHR2	2134459	CHR2:2134459	SSF x Far_LoA	-7,22939274	0,135	0,310
CHR2	2134470	CHR2:2134470	SSF x Far_LoA	-9,12736296	-0,032	0,298
CHR2	2138811	CHR2:2138811	SSF x Far_LoA	-10,7738465	0,105	0,313
CHR2	2138876	CHR2:2138876	SSF x Far_LoA	-6,82074352	-0,128	0,309
CHR2	2138914	CHR2:2138914	SSF x Far_LoA	-10,8544165	-0,101	0,290
CHR2	2138971	CHR2:2138971	SSF x Far_LoA	-9,97459703	0,002	0,309
CHR2	2139014	CHR2:2139014	SSF x Far_LoA	-9,39214656	-0,076	0,325
CHR2	2139020	CHR2:2139020	SSF x Far_LoA	-9,01735715	0,000	0,313
CHR2	2139090	CHR2:2139090	SSF x Far_LoA	-8,91575965	-0,027	0,303
CHR2	2143436	CHR2:2143436	SSF x Far_LoA	-9,51298942	-0,003	0,317
CHR2	2143442	CHR2:2143442	SSF x Far_LoA	-11,6326561	0,014	0,311
CHR2	2143448	CHR2:2143448	SSF x Far_LoA	-10,7765294	0,024	0,305
CHR2	2143488	CHR2:2143488	SSF x Far_LoA	-10,3509931	-0,019	0,305
CHR2	2143496	CHR2:2143496	SSF x Far_LoA	-5,84544896	-0,167	0,305
CHR2	2143515	CHR2:2143515	SSF x Far_LoA	-4,70970822	0,105	0,305
CHR2	2143556	CHR2:2143556	SSF x Far_LoA	-5,93135446	-0,131	0,300
CHR2	2143566	CHR2:2143566	SSF x Far_LoA	-9,53630987	-0,036	0,310
CHR2	2143598	CHR2:2143598	SSF x Far_LoA	-9,97007269	0,121	0,297
CHR2	2143604	CHR2:2143604	SSF x Far_LoA	-4,67621462	-0,110	0,305
CHR2	2143620	CHR2:2143620	SSF x Far_LoA	-8,99864201	-0,146	0,298
CHR2	2156655	CHR2:2156655	SSF x Far_LoA	-8,91126177	-0,012	0,305
CHR2	2156776	CHR2:2156776	SSF x Far_LoA	-7,78050491	-0,009	0,307
CHR2	2156877	CHR2:2156877	SSF x Far_LoA	-6,99787436	0,007	0,316
CHR2	2161005	CHR2:2161005	SSF x Far_LoA	-6,14906673	-0,139	0,312
CHR2	2161108	CHR2:2161108	SSF x Far_LoA	-10,4562777	-0,001	0,311
CHR2	2174100	CHR2:2174100	SSF x Far_LoA	-9,64379924	0,040	0,314
CHR2	2174180	CHR2:2174180	SSF x Far_LoA	-11,6178587	0,084	0,298
CHR2	2176697	CHR2:2176697	SSF x Far_LoA	-11,5616336	-0,024	0,317
CHR2	2176777	CHR2:2176777	SSF x Far_LoA	-9,84851544	-0,029	0,307
CHR2	2201733	CHR2:2201733	SSF x Far_LoA	-9,84881698	0,076	0,286
CHR2	2210824	CHR2:2210824	SSF x Far_LoA	-9,9240305	0,012	0,299
CHR2	2210826	CHR2:2210826	SSF x Far_LoA	-9,50944895	-0,006	0,307
CHR2	2210930	CHR2:2210930	SSF x Far_LoA	-8,81702574	0,036	0,314
CHR2	2210931	CHR2:2210931	SSF x Far_LoA	-10,8571242	-0,030	0,302
CHR2	2210990	CHR2:2210990	SSF x Far_LoA	-10,7616675	-0,037	0,306

CHR2	2211039	CHR2:2211039	SSF x Far_LoA	-10,5959796	0,062	0,314
CHR2	2211064	CHR2:2211064	SSF x Far_LoA	-8,1572114	-0,147	0,297
CHR2	2217231	CHR2:2217231	SSF x Far_LoA	-11,206784	-0,096	0,298
CHR2	2223074	CHR2:2223074	SSF x Far_LoA	-10,2052626	0,016	0,328
CHR2	2223077	CHR2:2223077	SSF x Far_LoA	-9,38210844	0,059	0,292
CHR2	2223298	CHR2:2223298	SSF x Far_LoA	-10,7215543	0,093	0,309
CHR2	2223321	CHR2:2223321	SSF x Far_LoA	-6,6463229	-0,173	0,306
CHR2	2229247	CHR2:2229247	SSF x Far_LoA	-9,89049962	0,080	0,295
CHR2	2229289	CHR2:2229289	SSF x Far_LoA	-9,02140871	-0,037	0,313
CHR2	2229351	CHR2:2229351	SSF x Far_LoA	-4,67660897	0,060	0,304
CHR2	2229389	CHR2:2229389	SSF x Far_LoA	-9,89595248	0,028	0,307
CHR2	2247848	CHR2:2247848	SSF x Far_LoA	-8,3630669	0,033	0,307
CHR2	2247889	CHR2:2247889	SSF x Far_LoA	-10,3300727	-0,082	0,302
CHR2	2247957	CHR2:2247957	SSF x Far_LoA	-8,29556528	-0,195	0,293
CHR2	2247975	CHR2:2247975	SSF x Far_LoA	-7,85556197	0,188	0,280
CHR2	2248046	CHR2:2248046	SSF x Far_LoA	-8,6251758	-0,132	0,311
CHR2	2273116	CHR2:2273116	SSF x Far_LoA	-8,91706342	-0,092	0,296
CHR2	2273119	CHR2:2273119	SSF x Far_LoA	-11,6434153	0,016	0,319
CHR2	2273150	CHR2:2273150	SSF x Far_LoA	-11,468271	-0,008	0,307
CHR2	2273197	CHR2:2273197	SSF x Far_LoA	-7,66887339	0,138	0,304
CHR2	2273261	CHR2:2273261	SSF x Far_LoA	-8,17398271	0,009	0,314
CHR2	2273266	CHR2:2273266	SSF x Far_LoA	-8,25026822	0,064	0,311
CHR2	2273313	CHR2:2273313	SSF x Far_LoA	-8,28841536	-0,002	0,312
CHR2	2287140	CHR2:2287140	SSF x Far_LoA	-7,25255363	-0,032	0,309
CHR2	2287289	CHR2:2287289	SSF x Far_LoA	-8,70961221	0,023	0,310
CHR2	2287373	CHR2:2287373	SSF x Far_LoA	-4,32328147	0,182	0,293
CHR2	2297318	CHR2:2297318	SSF x Far_LoA	-8,20471315	0,069	0,307
CHR2	2299633	CHR2:2299633	SSF x Far_LoA	-9,28625644	0,058	0,299
CHR2	2299640	CHR2:2299640	SSF x Far_LoA	-8,90310554	0,062	0,306
CHR2	2299641	CHR2:2299641	SSF x Far_LoA	-6,00776424	0,060	0,308
CHR2	2299656	CHR2:2299656	SSF x Far_LoA	-2,82080875	0,071	0,300
CHR2	2299672	CHR2:2299672	SSF x Far_LoA	-8,69371533	0,007	0,304
CHR2	2299681	CHR2:2299681	SSF x Far_LoA	-9,54823851	-0,026	0,299
CHR2	2299685	CHR2:2299685	SSF x Far_LoA	-9,23015284	-0,033	0,307
CHR2	2299697	CHR2:2299697	SSF x Far_LoA	-9,53034925	-0,071	0,308
CHR2	2312084	CHR2:2312084	SSF x Far_LoA	-5,66549409	0,108	0,306
CHR2	2312123	CHR2:2312123	SSF x Far_LoA	-9,90320328	-0,028	0,324
CHR2	2312181	CHR2:2312181	SSF x Far_LoA	-8,04881804	-0,052	0,314
CHR2	2312187	CHR2:2312187	SSF x Far_LoA	-10,6587604	0,036	0,317
CHR2	2314627	CHR2:2314627	SSF x Far_LoA	-7,372343	0,113	0,312
CHR2	2314715	CHR2:2314715	SSF x Far_LoA	-5,59287578	-0,038	0,321
CHR2	2314766	CHR2:2314766	SSF x Far_LoA	-2,81754197	-0,099	0,310
CHR2	2335953	CHR2:2335953	SSF x Far_LoA	1,82890408	0,035	0,309
CHR2	2341149	CHR2:2341149	SSF x Far_LoA	-8,29981022	-0,107	0,312
CHR2	2341217	CHR2:2341217	SSF x Far_LoA	-10,0496144	-0,143	0,305
CHR2	2341587	CHR2:2341587	SSF x Far_LoA	-6,65994736	0,022	0,312
CHR2	2341660	CHR2:2341660	SSF x Far_LoA	-6,84123229	0,018	0,315
CHR2	2343126	CHR2:2343126	SSF x Far_LoA	-8,57025046	-0,020	0,309
CHR2	2349818	CHR2:2349818	SSF x Far_LoA	-8,83893328	-0,016	0,313
CHR2	2349830	CHR2:2349830	SSF x Far_LoA	-9,57786256	-0,069	0,303
CHR2	2349930	CHR2:2349930	SSF x Far_LoA	-7,06815645	0,082	0,306
CHR2	2349941	CHR2:2349941	SSF x Far_LoA	-11,5213101	-0,085	0,290
CHR2	2349967	CHR2:2349967	SSF x Far_LoA	-6,77805095	-0,127	0,311

CHR2	2349991	CHR2:2349991	SSF x Far_LoA	-9,12524742	0,036	0,327
CHR2	2361190	CHR2:2361190	SSF x Far_LoA	-8,42089874	-0,046	0,306
CHR2	2361282	CHR2:2361282	SSF x Far_LoA	-9,86287455	-0,036	0,310
CHR2	2361285	CHR2:2361285	SSF x Far_LoA	-10,8971113	0,071	0,299
CHR2	2376792	CHR2:2376792	SSF x Far_LoA	-9,15255101	-0,010	0,307
CHR2	2380576	CHR2:2380576	SSF x Far_LoA	-4,03550297	-0,039	0,307
CHR2	2380582	CHR2:2380582	SSF x Far_LoA	-7,98456226	-0,043	0,314
CHR2	2380600	CHR2:2380600	SSF x Far_LoA	-10,3559986	0,097	0,295
CHR2	2380874	CHR2:2380874	SSF x Far_LoA	-9,99977585	0,012	0,310
CHR2	2380937	CHR2:2380937	SSF x Far_LoA	-7,94215427	-0,112	0,294
CHR2	2380963	CHR2:2380963	SSF x Far_LoA	-10,7593026	0,016	0,308
CHR2	2380980	CHR2:2380980	SSF x Far_LoA	-9,2649935	0,018	0,303
CHR2	2397657	CHR2:2397657	SSF x Far_LoA	-9,71085547	0,014	0,307
CHR2	2397898	CHR2:2397898	SSF x Far_LoA	-8,53740593	-0,103	0,294
CHR2	2409688	CHR2:2409688	SSF x Far_LoA	-6,80999698	0,164	0,306
CHR2	2411380	CHR2:2411380	SSF x Far_LoA	-11,6997824	-0,077	0,295
CHR2	2411417	CHR2:2411417	SSF x Far_LoA	-10,3093483	0,062	0,310
CHR2	2411500	CHR2:2411500	SSF x Far_LoA	-9,64861721	0,058	0,303
CHR2	2411976	CHR2:2411976	SSF x Far_LoA	-6,95524296	0,144	0,301
CHR2	2414002	CHR2:2414002	SSF x Far_LoA	-5,65338398	0,209	0,290
CHR2	2414025	CHR2:2414025	SSF x Far_LoA	-6,27315943	0,251	0,286
CHR2	2414037	CHR2:2414037	SSF x Far_LoA	-9,08388213	0,141	0,299
CHR2	2414051	CHR2:2414051	SSF x Far_LoA	-12,8269012	0,015	0,299
CHR2	2423438	CHR2:2423438	SSF x Far_LoA	-7,9247254	-0,064	0,306
CHR2	2439353	CHR2:2439353	SSF x Far_LoA	-11,8093222	-0,081	0,298
CHR2	2439387	CHR2:2439387	SSF x Far_LoA	-9,4985047	0,203	0,290
CHR2	2449522	CHR2:2449522	SSF x Far_LoA	-2,60097126	0,009	0,309
CHR2	2449526	CHR2:2449526	SSF x Far_LoA	-9,20850198	0,035	0,305
CHR2	2449637	CHR2:2449637	SSF x Far_LoA	-4,33040022	-0,081	0,315
CHR2	2546963	CHR2:2546963	SSF x Far_LoA	-8,32701661	-0,047	0,295
CHR2	2547058	CHR2:2547058	SSF x Far_LoA	-9,82926416	0,021	0,298
CHR2	2554087	CHR2:2554087	SSF x Far_LoA	-8,96939411	0,080	0,315
CHR2	2557133	CHR2:2557133	SSF x Far_LoA	-2,71214796	-0,184	0,300
CHR2	2557134	CHR2:2557134	SSF x Far_LoA	-6,85668221	-0,158	0,294
CHR2	2557161	CHR2:2557161	SSF x Far_LoA	-10,1803632	0,037	0,318
CHR2	2557166	CHR2:2557166	SSF x Far_LoA	-9,08701908	-0,178	0,307
CHR2	2557170	CHR2:2557170	SSF x Far_LoA	-8,62526506	-0,149	0,313
CHR2	2557179	CHR2:2557179	SSF x Far_LoA	-0,45885973	0,193	0,293
CHR2	2557185	CHR2:2557185	SSF x Far_LoA	-8,41180945	-0,047	0,313
CHR2	2557204	CHR2:2557204	SSF x Far_LoA	-7,58802687	-0,073	0,307
CHR2	2557239	CHR2:2557239	SSF x Far_LoA	-8,9622749	-0,027	0,313
CHR2	2564699	CHR2:2564699	SSF x Far_LoA	-9,00784655	0,131	0,295
CHR2	2564713	CHR2:2564713	SSF x Far_LoA	-9,16837816	0,119	0,302
CHR2	2564758	CHR2:2564758	SSF x Far_LoA	-8,66264934	-0,032	0,289
CHR2	2564781	CHR2:2564781	SSF x Far_LoA	-8,95733636	0,138	0,304
CHR2	2569973	CHR2:2569973	SSF x Far_LoA	-11,2583469	0,092	0,304
CHR2	2575186	CHR2:2575186	SSF x Far_LoA	-10,8412364	0,040	0,304
CHR2	2575210	CHR2:2575210	SSF x Far_LoA	-9,92848788	-0,018	0,283
CHR2	2577145	CHR2:2577145	SSF x Far_LoA	-10,4345087	0,007	0,323
CHR2	2581857	CHR2:2581857	SSF x Far_LoA	-9,85398941	-0,082	0,306
CHR2	2589552	CHR2:2589552	SSF x Far_LoA	-8,85376787	-0,095	0,304
CHR2	2589570	CHR2:2589570	SSF x Far_LoA	5,60167462	-0,088	0,316
CHR2	2589581	CHR2:2589581	SSF x Far_LoA	-8,606371	-0,116	0,293

CHR2	2597814	CHR2:2597814	SSF x Far_LoA	-4,46825807	-0,159	0,305
CHR2	2603307	CHR2:2603307	SSF x Far_LoA	-9,04645087	-0,020	0,312
CHR2	2605429	CHR2:2605429	SSF x Far_LoA	-11,7246692	0,061	0,296
CHR2	2607533	CHR2:2607533	SSF x Far_LoA	-5,727381	0,167	0,291
CHR2	2607537	CHR2:2607537	SSF x Far_LoA	-4,69273941	0,158	0,287
CHR2	2607555	CHR2:2607555	SSF x Far_LoA	-6,81294571	0,157	0,292
CHR2	2607652	CHR2:2607652	SSF x Far_LoA	-9,44003252	-0,017	0,300
CHR2	2614834	CHR2:2614834	SSF x Far_LoA	-10,6701233	0,015	0,317
CHR2	2617515	CHR2:2617515	SSF x Far_LoA	-4,23133759	0,036	0,299
CHR2	2617516	CHR2:2617516	SSF x Far_LoA	-10,4161483	0,013	0,313
CHR2	2617727	CHR2:2617727	SSF x Far_LoA	-9,0451303	0,090	0,312
CHR2	2617728	CHR2:2617728	SSF x Far_LoA	-11,0086255	0,084	0,291
CHR2	2617765	CHR2:2617765	SSF x Far_LoA	-10,6187346	-0,058	0,293
CHR2	2620599	CHR2:2620599	SSF x Far_LoA	-8,57257587	-0,136	0,309
CHR2	2645130	CHR2:2645130	SSF x Far_LoA	-10,4418228	-0,117	0,306
CHR2	2645150	CHR2:2645150	SSF x Far_LoA	-8,74948422	-0,035	0,310
CHR2	2645167	CHR2:2645167	SSF x Far_LoA	-9,64427842	-0,008	0,308
CHR2	2645173	CHR2:2645173	SSF x Far_LoA	-9,2148905	-0,015	0,313
CHR2	2645217	CHR2:2645217	SSF x Far_LoA	-10,605823	-0,072	0,311
CHR2	2645235	CHR2:2645235	SSF x Far_LoA	-9,61049792	-0,005	0,307
CHR2	2648565	CHR2:2648565	SSF x Far_LoA	-9,26542914	-0,036	0,301
CHR2	2648566	CHR2:2648566	SSF x Far_LoA	-7,19852111	-0,022	0,300
CHR2	2648567	CHR2:2648567	SSF x Far_LoA	-7,45933533	0,014	0,311
CHR2	2648568	CHR2:2648568	SSF x Far_LoA	-8,69859382	-0,038	0,302
CHR2	2648569	CHR2:2648569	SSF x Far_LoA	-10,5634489	0,062	0,303
CHR2	2658502	CHR2:2658502	SSF x Far_LoA	-9,11358508	0,080	0,312
CHR2	2658542	CHR2:2658542	SSF x Far_LoA	-10,4915357	0,007	0,289
CHR2	2658605	CHR2:2658605	SSF x Far_LoA	-9,00380153	0,041	0,309
CHR2	2658639	CHR2:2658639	SSF x Far_LoA	-10,8689212	-0,179	0,301
CHR2	2662070	CHR2:2662070	SSF x Far_LoA	-9,11646357	0,003	0,302
CHR2	2662078	CHR2:2662078	SSF x Far_LoA	-7,22008118	-0,176	0,296
CHR2	2662125	CHR2:2662125	SSF x Far_LoA	-8,18139148	-0,015	0,309
CHR2	2662172	CHR2:2662172	SSF x Far_LoA	-7,57501619	0,183	0,294
CHR2	2673304	CHR2:2673304	SSF x Far_LoA	-10,1111936	-0,028	0,294
CHR2	2673327	CHR2:2673327	SSF x Far_LoA	-8,86757131	0,058	0,299
CHR2	2680243	CHR2:2680243	SSF x Far_LoA	-10,7226381	-0,005	0,307
CHR2	2680462	CHR2:2680462	SSF x Far_LoA	-4,63973876	-0,091	0,312
CHR2	2680485	CHR2:2680485	SSF x Far_LoA	-9,7711283	0,124	0,294
CHR2	2683008	CHR2:2683008	SSF x Far_LoA	-7,18808514	-0,037	0,320
CHR2	2684837	CHR2:2684837	SSF x Far_LoA	-11,6574452	-0,022	0,298
CHR2	2684960	CHR2:2684960	SSF x Far_LoA	-7,05052879	-0,047	0,314
CHR2	2701190	CHR2:2701190	SSF x Far_LoA	-9,20735751	0,049	0,297
CHR2	2701226	CHR2:2701226	SSF x Far_LoA	-8,9299792	0,025	0,300
CHR2	2703586	CHR2:2703586	SSF x Far_LoA	-6,07985655	0,177	0,302
CHR2	2703604	CHR2:2703604	SSF x Far_LoA	-8,73745006	0,114	0,291
CHR2	2703608	CHR2:2703608	SSF x Far_LoA	-8,89004126	0,082	0,312
CHR2	2703611	CHR2:2703611	SSF x Far_LoA	-8,17820147	0,124	0,299
CHR2	2703623	CHR2:2703623	SSF x Far_LoA	-11,2929061	0,081	0,300
CHR2	2703649	CHR2:2703649	SSF x Far_LoA	-10,1474181	0,129	0,291
CHR2	2703656	CHR2:2703656	SSF x Far_LoA	-8,28507486	0,114	0,302
CHR2	2703704	CHR2:2703704	SSF x Far_LoA	-5,39516411	-0,040	0,312
CHR2	2707889	CHR2:2707889	SSF x Far_LoA	-9,33327587	-0,036	0,308
CHR2	2707916	CHR2:2707916	SSF x Far_LoA	-8,52412186	0,025	0,318

CHR2	2708005	CHR2:2708005	SSF x Far_LoA	-8,9737749	-0,061	0,314
CHR2	2708080	CHR2:2708080	SSF x Far_LoA	-7,45516562	0,088	0,309
CHR2	2720186	CHR2:2720186	SSF x Far_LoA	-10,2428445	-0,031	0,317
CHR2	2720442	CHR2:2720442	SSF x Far_LoA	-11,1172764	-0,065	0,306
CHR2	2720554	CHR2:2720554	SSF x Far_LoA	-9,46290431	-0,058	0,315
CHR2	2720568	CHR2:2720568	SSF x Far_LoA	-8,18398194	-0,094	0,297
CHR2	2724516	CHR2:2724516	SSF x Far_LoA	-9,94390334	0,040	0,311
CHR2	2724520	CHR2:2724520	SSF x Far_LoA	-9,70232894	0,018	0,319
CHR2	2724575	CHR2:2724575	SSF x Far_LoA	-10,0904814	-0,077	0,309
CHR2	2727390	CHR2:2727390	SSF x Far_LoA	-9,3179038	-0,017	0,300
CHR2	2727399	CHR2:2727399	SSF x Far_LoA	-7,84029546	0,053	0,309
CHR2	2727426	CHR2:2727426	SSF x Far_LoA	-8,39661643	0,072	0,311
CHR2	2727498	CHR2:2727498	SSF x Far_LoA	-9,27970913	-0,028	0,298
CHR2	2727547	CHR2:2727547	SSF x Far_LoA	-10,5841359	0,062	0,300
CHR2	2727604	CHR2:2727604	SSF x Far_LoA	-8,75091698	0,044	0,306
CHR2	2729207	CHR2:2729207	SSF x Far_LoA	-9,65107361	0,004	0,305
CHR2	2736201	CHR2:2736201	SSF x Far_LoA	-7,59959862	0,069	0,303
CHR2	2736235	CHR2:2736235	SSF x Far_LoA	-9,27457963	-0,029	0,305
CHR2	2739294	CHR2:2739294	SSF x Far_LoA	-10,7391166	0,035	0,307
CHR2	2739339	CHR2:2739339	SSF x Far_LoA	-9,10455143	-0,093	0,291
CHR2	2739510	CHR2:2739510	SSF x Far_LoA	-9,7655223	-0,083	0,305
CHR2	2751071	CHR2:2751071	SSF x Far_LoA	-8,9775129	0,001	0,315
CHR2	2751111	CHR2:2751111	SSF x Far_LoA	-6,06211935	-0,042	0,314
CHR2	2754640	CHR2:2754640	SSF x Far_LoA	-2,04826442	0,211	0,285
CHR2	2760230	CHR2:2760230	SSF x Far_LoA	-10,8682033	-0,015	0,292
CHR2	2760328	CHR2:2760328	SSF x Far_LoA	-10,7657834	0,073	0,309
CHR2	2763034	CHR2:2763034	SSF x Far_LoA	-9,08129124	0,054	0,306
CHR2	2763055	CHR2:2763055	SSF x Far_LoA	-8,57231212	-0,103	0,296
CHR2	2768225	CHR2:2768225	SSF x Far_LoA	-4,87146586	0,084	0,311
CHR2	2768234	CHR2:2768234	SSF x Far_LoA	-9,65488884	0,008	0,307
CHR2	2768379	CHR2:2768379	SSF x Far_LoA	-10,5455848	-0,124	0,299
CHR2	2776900	CHR2:2776900	SSF x Far_LoA	-11,2795662	-0,030	0,305
CHR2	2776926	CHR2:2776926	SSF x Far_LoA	-8,76494663	0,051	0,306
CHR2	2776937	CHR2:2776937	SSF x Far_LoA	-10,9977858	0,032	0,304
CHR2	2800742	CHR2:2800742	SSF x Far_LoA	-9,31629717	-0,047	0,304
CHR2	2800795	CHR2:2800795	SSF x Far_LoA	-10,5201752	-0,045	0,299
CHR2	2815815	CHR2:2815815	SSF x Far_LoA	-9,00214249	0,038	0,308
CHR2	2815885	CHR2:2815885	SSF x Far_LoA	-9,06466907	0,070	0,312
CHR2	2815951	CHR2:2815951	SSF x Far_LoA	-8,41390548	-0,081	0,311
CHR2	2820520	CHR2:2820520	SSF x Far_LoA	-6,98709672	-0,010	0,320
CHR2	2824560	CHR2:2824560	SSF x Far_LoA	-6,1735434	-0,110	0,313
CHR2	2824604	CHR2:2824604	SSF x Far_LoA	-8,38398384	-0,062	0,300
CHR2	2824677	CHR2:2824677	SSF x Far_LoA	-10,7013405	0,060	0,289
CHR2	2824678	CHR2:2824678	SSF x Far_LoA	-10,3839435	0,090	0,308
CHR2	2849262	CHR2:2849262	SSF x Far_LoA	-8,90469533	0,038	0,302
CHR2	2851126	CHR2:2851126	SSF x Far_LoA	-9,88372656	0,090	0,309
CHR2	2851138	CHR2:2851138	SSF x Far_LoA	-11,2544558	-0,082	0,290
CHR2	2851139	CHR2:2851139	SSF x Far_LoA	-9,0457503	0,073	0,307
CHR2	2854376	CHR2:2854376	SSF x Far_LoA	-6,3250651	-0,184	0,302
CHR2	2854399	CHR2:2854399	SSF x Far_LoA	-6,45197745	-0,209	0,296
CHR2	2860355	CHR2:2860355	SSF x Far_LoA	-11,6223548	0,096	0,309
CHR2	2868431	CHR2:2868431	SSF x Far_LoA	-12,3576974	-0,004	0,307
CHR2	2886755	CHR2:2886755	SSF x Far_LoA	-11,058506	-0,062	0,311

CHR2	2896222	CHR2:2896222	SSF x Far_LoA	-7,9749382	0,103	0,311
CHR2	2896224	CHR2:2896224	SSF x Far_LoA	-7,36062129	0,090	0,306
CHR2	2897476	CHR2:2897476	SSF x Far_LoA	-9,75897791	-0,101	0,308
CHR2	2910748	CHR2:2910748	SSF x Far_LoA	-6,48721441	0,109	0,307
CHR2	2912241	CHR2:2912241	SSF x Far_LoA	-10,1724626	0,049	0,312
CHR2	2912274	CHR2:2912274	SSF x Far_LoA	-9,77708489	0,037	0,310
CHR2	2913449	CHR2:2913449	SSF x Far_LoA	-9,51530601	0,151	0,297
CHR2	2922550	CHR2:2922550	SSF x Far_LoA	-12,048336	-0,083	0,291
CHR2	2922584	CHR2:2922584	SSF x Far_LoA	-8,46773536	-0,186	0,287
CHR2	2922606	CHR2:2922606	SSF x Far_LoA	-9,90057105	0,114	0,302
CHR2	2925264	CHR2:2925264	SSF x Far_LoA	-9,36395645	0,005	0,301
CHR2	2925319	CHR2:2925319	SSF x Far_LoA	-8,50038296	-0,034	0,312
CHR2	2927031	CHR2:2927031	SSF x Far_LoA	-6,14867926	0,008	0,296
CHR2	2934174	CHR2:2934174	SSF x Far_LoA	-9,42301552	0,006	0,296
CHR2	2934227	CHR2:2934227	SSF x Far_LoA	-8,55841967	-0,013	0,314
CHR2	2934248	CHR2:2934248	SSF x Far_LoA	-6,9430452	-0,010	0,300
CHR2	2934284	CHR2:2934284	SSF x Far_LoA	-9,02253518	-0,061	0,297
CHR2	2934331	CHR2:2934331	SSF x Far_LoA	-9,10298797	-0,088	0,283
CHR2	2934383	CHR2:2934383	SSF x Far_LoA	-9,64324941	-0,013	0,294
CHR2	2934392	CHR2:2934392	SSF x Far_LoA	-11,3039869	-0,002	0,283
CHR2	2936182	CHR2:2936182	SSF x Far_LoA	-10,6832793	-0,059	0,305
CHR2	2936302	CHR2:2936302	SSF x Far_LoA	-10,6403803	0,099	0,303
CHR2	2936339	CHR2:2936339	SSF x Far_LoA	-10,4082521	0,101	0,306
CHR2	2936347	CHR2:2936347	SSF x Far_LoA	-9,31548595	0,045	0,305
CHR2	2936427	CHR2:2936427	SSF x Far_LoA	-9,54420601	-0,106	0,300
CHR2	2941240	CHR2:2941240	SSF x Far_LoA	-11,1592869	-0,079	0,311
CHR2	2941308	CHR2:2941308	SSF x Far_LoA	-10,1653075	-0,005	0,306
CHR2	2941323	CHR2:2941323	SSF x Far_LoA	-10,9693955	-0,018	0,313
CHR2	2941361	CHR2:2941361	SSF x Far_LoA	-4,99216645	0,017	0,320
CHR2	2941498	CHR2:2941498	SSF x Far_LoA	-3,2815657	-0,209	0,293
CHR2	2952000	CHR2:2952000	SSF x Far_LoA	-9,179939	0,060	0,297
CHR2	2952050	CHR2:2952050	SSF x Far_LoA	-9,04077201	0,084	0,288
CHR2	2952055	CHR2:2952055	SSF x Far_LoA	-5,95872134	0,137	0,295
CHR2	2982305	CHR2:2982305	SSF x Far_LoA	-10,7879453	-0,021	0,303
CHR2	2982617	CHR2:2982617	SSF x Far_LoA	-8,49503645	0,017	0,311
CHR2	2985543	CHR2:2985543	SSF x Far_LoA	-4,96560862	0,139	0,308
CHR2	2985570	CHR2:2985570	SSF x Far_LoA	-8,08751656	0,011	0,317
CHR2	2985599	CHR2:2985599	SSF x Far_LoA	-9,4559101	0,019	0,307
CHR2	2989757	CHR2:2989757	SSF x Far_LoA	-7,24601346	-0,046	0,309
CHR2	2989782	CHR2:2989782	SSF x Far_LoA	-4,23985738	0,070	0,274
CHR2	2989833	CHR2:2989833	SSF x Far_LoA	-8,16678386	-0,154	0,314
CHR2	2997156	CHR2:2997156	SSF x Far_LoA	-10,2474566	0,039	0,307
CHR2	2997162	CHR2:2997162	SSF x Far_LoA	-8,30414196	0,148	0,298
CHR2	2998789	CHR2:2998789	SSF x Far_LoA	-5,56783262	-0,156	0,291
CHR2	2998850	CHR2:2998850	SSF x Far_LoA	-8,77888389	-0,046	0,310
CHR2	2998855	CHR2:2998855	SSF x Far_LoA	-9,60041718	0,147	0,299
CHR2	3000828	CHR2:3000828	SSF x Far_LoA	-9,35163408	0,078	0,307
CHR2	3024870	CHR2:3024870	SSF x Far_LoA	-7,3640809	0,091	0,312
CHR2	3027539	CHR2:3027539	SSF x Far_LoA	-11,7998822	0,092	0,310
CHR2	3059398	CHR2:3059398	SSF x Far_LoA	-10,4038825	-0,119	0,297
CHR2	3061055	CHR2:3061055	SSF x Far_LoA	-10,3888211	0,013	0,294
CHR2	3061218	CHR2:3061218	SSF x Far_LoA	-9,34029393	-0,089	0,321
CHR2	3067964	CHR2:3067964	SSF x Far_LoA	-6,93467733	-0,086	0,304

CHR2	3073017	CHR2:3073017	SSF x Far_LoA	-10,6201639	0,114	0,302
CHR2	3085489	CHR2:3085489	SSF x Far_LoA	-7,88751947	-0,086	0,318
CHR2	3085642	CHR2:3085642	SSF x Far_LoA	-10,893257	0,085	0,306
CHR2	3099291	CHR2:3099291	SSF x Far_LoA	-9,67841438	-0,096	0,290
CHR2	3136403	CHR2:3136403	SSF x Far_LoA	-3,17088101	-0,137	0,304
CHR2	3139009	CHR2:3139009	SSF x Far_LoA	-10,5832937	-0,007	0,310
CHR2	3139225	CHR2:3139225	SSF x Far_LoA	-9,13712319	-0,073	0,300
CHR2	3151925	CHR2:3151925	SSF x Far_LoA	-11,2638762	-0,024	0,307
CHR2	3166032	CHR2:3166032	SSF x Far_LoA	-11,7278022	0,095	0,299
CHR2	3173423	CHR2:3173423	SSF x Far_LoA	-9,10988038	-0,169	0,303
CHR2	3173444	CHR2:3173444	SSF x Far_LoA	-6,98042404	-0,111	0,306
CHR2	3180061	CHR2:3180061	SSF x Far_LoA	-3,37013648	-0,043	0,307
CHR2	3181191	CHR2:3181191	SSF x Far_LoA	-9,1683556	-0,079	0,315
CHR2	3181242	CHR2:3181242	SSF x Far_LoA	-9,85075284	-0,077	0,317
CHR2	3186269	CHR2:3186269	SSF x Far_LoA	-5,59420447	0,118	0,299
CHR2	3186446	CHR2:3186446	SSF x Far_LoA	-5,18573443	-0,155	0,315
CHR2	3189621	CHR2:3189621	SSF x Far_LoA	-6,88673298	0,028	0,321
CHR2	3206058	CHR2:3206058	SSF x Far_LoA	-7,50988703	-0,095	0,310
CHR2	3210446	CHR2:3210446	SSF x Far_LoA	-6,2749195	0,161	0,299
CHR2	3216337	CHR2:3216337	SSF x Far_LoA	-8,94007429	-0,107	0,316
CHR2	3231188	CHR2:3231188	SSF x Far_LoA	-8,5009091	-0,058	0,319
CHR2	3238183	CHR2:3238183	SSF x Far_LoA	-10,6597503	0,097	0,306
CHR2	3238361	CHR2:3238361	SSF x Far_LoA	-8,43139262	0,052	0,287
CHR2	3241246	CHR2:3241246	SSF x Far_LoA	-9,3495941	0,037	0,306
CHR2	3242427	CHR2:3242427	SSF x Far_LoA	-9,05462608	0,017	0,306
CHR2	3250583	CHR2:3250583	SSF x Far_LoA	-10,7645281	-0,011	0,304
CHR2	3250589	CHR2:3250589	SSF x Far_LoA	-9,88039267	0,073	0,308
CHR2	3257208	CHR2:3257208	SSF x Far_LoA	-9,18081174	-0,109	0,315
CHR2	3257264	CHR2:3257264	SSF x Far_LoA	-5,04662428	-0,146	0,311
CHR2	3258951	CHR2:3258951	SSF x Far_LoA	-8,30503594	-0,149	0,304
CHR2	3301844	CHR2:3301844	SSF x Far_LoA	-9,8259418	-0,067	0,313
CHR2	3304413	CHR2:3304413	SSF x Far_LoA	-5,72797499	0,071	0,299
CHR2	3304605	CHR2:3304605	SSF x Far_LoA	-10,1651233	0,158	0,293
CHR2	3304643	CHR2:3304643	SSF x Far_LoA	-11,4938943	-0,027	0,296
CHR2	3313315	CHR2:3313315	SSF x Far_LoA	-8,88992201	-0,055	0,302
CHR2	3313323	CHR2:3313323	SSF x Far_LoA	7,52744998	-0,069	0,318
CHR2	3313325	CHR2:3313325	SSF x Far_LoA	-4,28778747	-0,079	0,311
CHR2	3313330	CHR2:3313330	SSF x Far_LoA	8,51386828	-0,078	0,308
CHR2	3313333	CHR2:3313333	SSF x Far_LoA	-9,08380658	-0,063	0,311
CHR2	3313342	CHR2:3313342	SSF x Far_LoA	-8,47108524	-0,048	0,317
CHR2	3313357	CHR2:3313357	SSF x Far_LoA	-11,8577382	-0,074	0,298
CHR2	3313358	CHR2:3313358	SSF x Far_LoA	-8,02359651	-0,066	0,303
CHR2	3313374	CHR2:3313374	SSF x Far_LoA	-7,69152113	-0,077	0,301
CHR2	3322625	CHR2:3322625	SSF x Far_LoA	-10,7667799	0,027	0,311
CHR2	3328151	CHR2:3328151	SSF x Far_LoA	-8,84506728	0,130	0,294
CHR2	3329538	CHR2:3329538	SSF x Far_LoA	-8,66924598	-0,033	0,306
CHR2	3332648	CHR2:3332648	SSF x Far_LoA	-6,41339953	0,198	0,292
CHR2	3346839	CHR2:3346839	SSF x Far_LoA	-8,67554624	0,076	0,299
CHR2	3348998	CHR2:3348998	SSF x Far_LoA	-9,40031279	0,133	0,301
CHR2	3379250	CHR2:3379250	SSF x Far_LoA	-6,04244239	-0,182	0,286
CHR2	3379348	CHR2:3379348	SSF x Far_LoA	-7,9427152	-0,003	0,304
CHR2	3380494	CHR2:3380494	SSF x Far_LoA	-8,99584548	-0,113	0,301
CHR2	3380639	CHR2:3380639	SSF x Far_LoA	-8,85818061	0,030	0,306

CHR2	3402805	CHR2:3402805	SSF x Far_LoA	-12,0873135	0,070	0,300
CHR2	3402894	CHR2:3402894	SSF x Far_LoA	-11,7385079	0,020	0,305
CHR2	3413786	CHR2:3413786	SSF x Far_LoA	-10,2176682	0,092	0,292
CHR2	3436549	CHR2:3436549	SSF x Far_LoA	-8,13928814	0,044	0,305
CHR2	3439712	CHR2:3439712	SSF x Far_LoA	-10,4527993	-0,124	0,312
CHR2	3441634	CHR2:3441634	SSF x Far_LoA	-9,59479975	0,013	0,304
CHR2	3444114	CHR2:3444114	SSF x Far_LoA	-6,06728656	-0,191	0,292
CHR2	3444121	CHR2:3444121	SSF x Far_LoA	-10,3001053	0,051	0,301
CHR2	3444132	CHR2:3444132	SSF x Far_LoA	-7,72479359	0,121	0,308
CHR2	3444141	CHR2:3444141	SSF x Far_LoA	-1,28265273	0,174	0,297
CHR2	3444163	CHR2:3444163	SSF x Far_LoA	-5,67013154	-0,130	0,315
CHR2	3444190	CHR2:3444190	SSF x Far_LoA	-7,0668126	-0,116	0,302
CHR2	3444274	CHR2:3444274	SSF x Far_LoA	-7,24767831	0,055	0,316
CHR2	3444290	CHR2:3444290	SSF x Far_LoA	-10,109773	0,006	0,304
CHR2	3444292	CHR2:3444292	SSF x Far_LoA	-8,71636906	-0,024	0,311
CHR2	3448602	CHR2:3448602	SSF x Far_LoA	-9,18004597	0,072	0,318
CHR2	3448667	CHR2:3448667	SSF x Far_LoA	-8,0432679	0,012	0,309
CHR2	3452191	CHR2:3452191	SSF x Far_LoA	-10,0560454	-0,160	0,291
CHR2	3469916	CHR2:3469916	SSF x Far_LoA	-10,5714334	-0,001	0,309
CHR2	3471836	CHR2:3471836	SSF x Far_LoA	-11,1018669	0,059	0,300
CHR2	3471852	CHR2:3471852	SSF x Far_LoA	-11,8847106	-0,025	0,304
CHR2	3477414	CHR2:3477414	SSF x Far_LoA	-9,23398712	0,022	0,304
CHR2	3477530	CHR2:3477530	SSF x Far_LoA	-11,5811565	-0,011	0,302
CHR2	3477550	CHR2:3477550	SSF x Far_LoA	-9,15088325	0,018	0,320
CHR2	3477601	CHR2:3477601	SSF x Far_LoA	-9,19086964	-0,066	0,314
CHR2	3477612	CHR2:3477612	SSF x Far_LoA	-2,3167113	-0,007	0,320
CHR2	3487951	CHR2:3487951	SSF x Far_LoA	-11,3919261	-0,094	0,299
CHR2	3487981	CHR2:3487981	SSF x Far_LoA	-8,21877264	0,164	0,291
CHR2	3488013	CHR2:3488013	SSF x Far_LoA	-9,37489011	-0,094	0,310
CHR2	3488129	CHR2:3488129	SSF x Far_LoA	-11,7186505	-0,018	0,302
CHR2	3488145	CHR2:3488145	SSF x Far_LoA	-8,76099965	-0,036	0,315
CHR2	3488183	CHR2:3488183	SSF x Far_LoA	-10,8544809	0,116	0,288
CHR2	3493880	CHR2:3493880	SSF x Far_LoA	-7,61122008	-0,084	0,312
CHR2	3493961	CHR2:3493961	SSF x Far_LoA	-8,42736038	0,069	0,317
CHR2	3495358	CHR2:3495358	SSF x Far_LoA	-10,5619488	-0,043	0,314
CHR2	3495392	CHR2:3495392	SSF x Far_LoA	-10,5347598	0,032	0,294
CHR2	3495425	CHR2:3495425	SSF x Far_LoA	-10,9460353	0,023	0,298
CHR2	3495433	CHR2:3495433	SSF x Far_LoA	-5,74871509	-0,057	0,305
CHR2	3511826	CHR2:3511826	SSF x Far_LoA	-9,09169762	0,082	0,298
CHR2	3522749	CHR2:3522749	SSF x Far_LoA	-9,43748647	-0,009	0,320
CHR2	3522756	CHR2:3522756	SSF x Far_LoA	-10,8807662	-0,051	0,304
CHR2	3522800	CHR2:3522800	SSF x Far_LoA	-7,62547964	-0,056	0,308
CHR2	3522803	CHR2:3522803	SSF x Far_LoA	-8,99567837	0,130	0,286
CHR2	3522825	CHR2:3522825	SSF x Far_LoA	-7,79301215	-0,074	0,300
CHR2	3528813	CHR2:3528813	SSF x Far_LoA	-6,61102483	0,004	0,316
CHR2	3528910	CHR2:3528910	SSF x Far_LoA	-11,2900517	-0,072	0,305
CHR2	3528969	CHR2:3528969	SSF x Far_LoA	-2,6917791	0,089	0,299
CHR2	3538011	CHR2:3538011	SSF x Far_LoA	-9,29930461	-0,110	0,298
CHR2	3538265	CHR2:3538265	SSF x Far_LoA	-7,37835309	0,003	0,327
CHR2	3553778	CHR2:3553778	SSF x Far_LoA	-8,60983516	0,031	0,309
CHR2	3556549	CHR2:3556549	SSF x Far_LoA	-9,51302313	0,139	0,302
CHR2	3576652	CHR2:3576652	SSF x Far_LoA	-8,76051233	-0,110	0,300
CHR2	3606233	CHR2:3606233	SSF x Far_LoA	-7,57178043	0,104	0,295

CHR2	3616273	CHR2:3616273	SSF x Far_LoA	-10,1718075	0,053	0,308
CHR2	3616750	CHR2:3616750	SSF x Far_LoA	-7,20941965	0,104	0,311
CHR2	3616785	CHR2:3616785	SSF x Far_LoA	-7,19721943	0,078	0,311
CHR2	3616788	CHR2:3616788	SSF x Far_LoA	-8,79313913	0,008	0,304
CHR2	3616794	CHR2:3616794	SSF x Far_LoA	5,27917307	0,266	0,280
CHR2	3616816	CHR2:3616816	SSF x Far_LoA	-8,69224329	0,088	0,300
CHR2	3627652	CHR2:3627652	SSF x Far_LoA	-10,1289407	-0,016	0,309
CHR2	3627678	CHR2:3627678	SSF x Far_LoA	-10,5663807	0,035	0,303
CHR2	3627697	CHR2:3627697	SSF x Far_LoA	-9,42176625	0,130	0,298
CHR2	3627704	CHR2:3627704	SSF x Far_LoA	-11,1613243	0,043	0,305
CHR2	3627736	CHR2:3627736	SSF x Far_LoA	-9,06905826	-0,119	0,318
CHR2	3685511	CHR2:3685511	SSF x Far_LoA	-9,04213335	0,087	0,312
CHR2	3685563	CHR2:3685563	SSF x Far_LoA	-6,39460669	0,035	0,325
CHR2	3685607	CHR2:3685607	SSF x Far_LoA	-8,1758836	0,068	0,311
CHR2	3688640	CHR2:3688640	SSF x Far_LoA	-9,67024642	-0,141	0,307
CHR2	3688877	CHR2:3688877	SSF x Far_LoA	-10,6532583	0,007	0,302
CHR2	3693815	CHR2:3693815	SSF x Far_LoA	-7,74708484	0,072	0,314
CHR2	3693816	CHR2:3693816	SSF x Far_LoA	-7,20617686	0,076	0,302
CHR2	3696467	CHR2:3696467	SSF x Far_LoA	-9,33374201	-0,034	0,315
CHR2	3713133	CHR2:3713133	SSF x Far_LoA	-9,28620395	-0,082	0,290
CHR2	3713151	CHR2:3713151	SSF x Far_LoA	-9,03149404	-0,070	0,303
CHR2	3721717	CHR2:3721717	SSF x Far_LoA	-0,5539858	-0,031	0,314
CHR2	3721798	CHR2:3721798	SSF x Far_LoA	-8,95503155	0,029	0,303
CHR2	3728346	CHR2:3728346	SSF x Far_LoA	-7,49517725	0,177	0,301
CHR2	3730417	CHR2:3730417	SSF x Far_LoA	-7,56866264	0,081	0,302
CHR2	3741907	CHR2:3741907	SSF x Far_LoA	-7,99904895	-0,018	0,310
CHR2	3744031	CHR2:3744031	SSF x Far_LoA	-9,75672347	0,091	0,306
CHR2	3744125	CHR2:3744125	SSF x Far_LoA	-10,5637459	0,038	0,300
CHR2	3744156	CHR2:3744156	SSF x Far_LoA	-7,52737335	-0,053	0,302
CHR2	3771900	CHR2:3771900	SSF x Far_LoA	-9,42320216	-0,079	0,299
CHR2	3771921	CHR2:3771921	SSF x Far_LoA	-8,13788502	-0,046	0,311
CHR2	3771939	CHR2:3771939	SSF x Far_LoA	-10,6779674	-0,089	0,308
CHR2	3771978	CHR2:3771978	SSF x Far_LoA	-10,038939	-0,144	0,299
CHR2	3772044	CHR2:3772044	SSF x Far_LoA	-6,86852371	0,163	0,287
CHR2	3772045	CHR2:3772045	SSF x Far_LoA	-6,99315002	-0,126	0,286
CHR2	3772050	CHR2:3772050	SSF x Far_LoA	-7,72395149	-0,119	0,286
CHR2	3772062	CHR2:3772062	SSF x Far_LoA	-8,47935123	-0,096	0,288
CHR2	3786302	CHR2:3786302	SSF x Far_LoA	-8,46773484	0,118	0,307
CHR2	3786303	CHR2:3786303	SSF x Far_LoA	-9,15860124	0,128	0,301
CHR2	3786596	CHR2:3786596	SSF x Far_LoA	-8,0781061	-0,059	0,313
CHR2	3798892	CHR2:3798892	SSF x Far_LoA	-7,28565626	-0,136	0,300
CHR2	3798904	CHR2:3798904	SSF x Far_LoA	-0,85514665	-0,101	0,283
CHR2	3798916	CHR2:3798916	SSF x Far_LoA	-6,77178294	-0,110	0,288
CHR2	3798929	CHR2:3798929	SSF x Far_LoA	-6,88033973	-0,129	0,299
CHR2	3798937	CHR2:3798937	SSF x Far_LoA	-6,72513622	-0,017	0,304
CHR2	3798939	CHR2:3798939	SSF x Far_LoA	-8,35457123	-0,111	0,289
CHR2	3798947	CHR2:3798947	SSF x Far_LoA	-6,66682431	-0,140	0,288
CHR2	3798975	CHR2:3798975	SSF x Far_LoA	-7,5956364	-0,126	0,287
CHR2	3799001	CHR2:3799001	SSF x Far_LoA	-7,81162178	-0,101	0,293
CHR2	3799002	CHR2:3799002	SSF x Far_LoA	-9,8275943	-0,085	0,306
CHR2	3799007	CHR2:3799007	SSF x Far_LoA	-8,31506357	-0,074	0,305
CHR2	3799013	CHR2:3799013	SSF x Far_LoA	-7,50933471	-0,084	0,305
CHR2	3799019	CHR2:3799019	SSF x Far_LoA	-10,4265913	-0,106	0,302

CHR2	3799364	CHR2:3799364	SSF x Far_LoA	-10,0223028	-0,083	0,304
CHR2	3799365	CHR2:3799365	SSF x Far_LoA	-8,63103088	0,068	0,312
CHR2	3799368	CHR2:3799368	SSF x Far_LoA	-8,17174536	0,122	0,294
CHR2	3799399	CHR2:3799399	SSF x Far_LoA	-8,18128701	-0,084	0,288
CHR2	3799416	CHR2:3799416	SSF x Far_LoA	-5,60482633	0,172	0,287
CHR2	3799417	CHR2:3799417	SSF x Far_LoA	-4,94275422	0,212	0,290
CHR2	3799424	CHR2:3799424	SSF x Far_LoA	1,9256689	0,172	0,293
CHR2	3799465	CHR2:3799465	SSF x Far_LoA	-9,69996536	0,116	0,291
CHR2	380053	CHR2:380053	SSF x Far_LoA	-9,69555951	0,035	0,306
CHR2	3801607	CHR2:3801607	SSF x Far_LoA	-8,04838453	-0,014	0,310
CHR2	3801668	CHR2:3801668	SSF x Far_LoA	-6,81822825	0,045	0,302
CHR2	3803816	CHR2:3803816	SSF x Far_LoA	-8,12885354	0,015	0,303
CHR2	3806537	CHR2:3806537	SSF x Far_LoA	-10,5098736	0,124	0,306
CHR2	3833323	CHR2:3833323	SSF x Far_LoA	-10,7463184	0,087	0,304
CHR2	3833329	CHR2:3833329	SSF x Far_LoA	-8,77694465	0,038	0,323
CHR2	3833357	CHR2:3833357	SSF x Far_LoA	-10,7876523	-0,005	0,314
CHR2	3843066	CHR2:3843066	SSF x Far_LoA	-6,56303394	0,065	0,300
CHR2	3843147	CHR2:3843147	SSF x Far_LoA	-9,33044155	-0,050	0,293
CHR2	3843280	CHR2:3843280	SSF x Far_LoA	-6,63388223	0,189	0,294
CHR2	3848835	CHR2:3848835	SSF x Far_LoA	-10,2749656	0,044	0,297
CHR2	3848836	CHR2:3848836	SSF x Far_LoA	-10,2536803	0,091	0,293
CHR2	3848863	CHR2:3848863	SSF x Far_LoA	-8,5529262	-0,117	0,310
CHR2	3848881	CHR2:3848881	SSF x Far_LoA	-9,47616617	0,011	0,303
CHR2	3848951	CHR2:3848951	SSF x Far_LoA	-8,52290701	-0,086	0,313
CHR2	3848967	CHR2:3848967	SSF x Far_LoA	-11,0143293	0,061	0,298
CHR2	3848969	CHR2:3848969	SSF x Far_LoA	-8,25710266	-0,094	0,315
CHR2	3848971	CHR2:3848971	SSF x Far_LoA	-7,90540288	-0,108	0,298
CHR2	3853129	CHR2:3853129	SSF x Far_LoA	-11,4312896	0,013	0,313
CHR2	3857288	CHR2:3857288	SSF x Far_LoA	-8,98126627	-0,131	0,311
CHR2	3857392	CHR2:3857392	SSF x Far_LoA	-11,2227054	0,044	0,304
CHR2	3857416	CHR2:3857416	SSF x Far_LoA	-11,2174555	-0,067	0,299
CHR2	3864011	CHR2:3864011	SSF x Far_LoA	-10,1819174	-0,032	0,306
CHR2	3864093	CHR2:3864093	SSF x Far_LoA	-9,79878158	0,066	0,316
CHR2	3864171	CHR2:3864171	SSF x Far_LoA	-12,2871381	-0,012	0,294
CHR2	3866168	CHR2:3866168	SSF x Far_LoA	-9,55572878	0,081	0,306
CHR2	3868827	CHR2:3868827	SSF x Far_LoA	-7,13205684	0,045	0,315
CHR2	3868828	CHR2:3868828	SSF x Far_LoA	-8,93402279	0,040	0,321
CHR2	3878727	CHR2:3878727	SSF x Far_LoA	-6,64868495	-0,129	0,305
CHR2	3878761	CHR2:3878761	SSF x Far_LoA	-11,8089416	-0,020	0,288
CHR2	3878764	CHR2:3878764	SSF x Far_LoA	-1,843632	0,112	0,306
CHR2	3878840	CHR2:3878840	SSF x Far_LoA	-8,76035294	0,106	0,301
CHR2	3878933	CHR2:3878933	SSF x Far_LoA	-9,92595616	0,018	0,326
CHR2	3888620	CHR2:3888620	SSF x Far_LoA	-9,83459641	0,046	0,303
CHR2	3888647	CHR2:3888647	SSF x Far_LoA	-11,8489823	0,021	0,297
CHR2	3888665	CHR2:3888665	SSF x Far_LoA	-11,8921816	-0,045	0,300
CHR2	3888703	CHR2:3888703	SSF x Far_LoA	-8,36908099	-0,010	0,312
CHR2	3902280	CHR2:3902280	SSF x Far_LoA	-11,5261053	-0,070	0,295
CHR2	3902467	CHR2:3902467	SSF x Far_LoA	-7,71214159	-0,006	0,321
CHR2	390288	CHR2:390288	SSF x Far_LoA	-12,2354847	0,029	0,294
CHR2	3909987	CHR2:3909987	SSF x Far_LoA	-9,8232831	-0,079	0,310
CHR2	3910147	CHR2:3910147	SSF x Far_LoA	-10,0395415	0,015	0,308
CHR2	3910198	CHR2:3910198	SSF x Far_LoA	-8,91652512	0,100	0,309
CHR2	3915468	CHR2:3915468	SSF x Far_LoA	-9,47343433	-0,074	0,301

CHR2	3915475	CHR2:3915475	SSF x Far_LoA	-10,820023	0,022	0,315
CHR2	3920232	CHR2:3920232	SSF x Far_LoA	-10,5048398	0,054	0,294
CHR2	3924816	CHR2:3924816	SSF x Far_LoA	-7,76912626	0,091	0,306
CHR2	3924862	CHR2:3924862	SSF x Far_LoA	-10,398737	0,034	0,296
CHR2	3924899	CHR2:3924899	SSF x Far_LoA	-11,1918511	0,015	0,305
CHR2	3925003	CHR2:3925003	SSF x Far_LoA	-9,18185957	0,077	0,314
CHR2	3931983	CHR2:3931983	SSF x Far_LoA	-7,50153236	-0,009	0,305
CHR2	3931984	CHR2:3931984	SSF x Far_LoA	-3,28264462	-0,124	0,302
CHR2	3932124	CHR2:3932124	SSF x Far_LoA	-7,45450901	0,110	0,299
CHR2	3932142	CHR2:3932142	SSF x Far_LoA	-11,5410208	0,037	0,303
CHR2	3932153	CHR2:3932153	SSF x Far_LoA	-6,06133671	0,069	0,314
CHR2	3932262	CHR2:3932262	SSF x Far_LoA	-8,93108907	-0,050	0,306
CHR2	3932273	CHR2:3932273	SSF x Far_LoA	-8,23763492	0,095	0,305
CHR2	3935079	CHR2:3935079	SSF x Far_LoA	-1,94446598	-0,086	0,291
CHR2	3935147	CHR2:3935147	SSF x Far_LoA	-5,49774174	-0,100	0,297
CHR2	3935251	CHR2:3935251	SSF x Far_LoA	-5,83643038	-0,121	0,298
CHR2	3939613	CHR2:3939613	SSF x Far_LoA	-1,40511778	-0,023	0,314
CHR2	3939663	CHR2:3939663	SSF x Far_LoA	-9,11560172	0,072	0,304
CHR2	3939720	CHR2:3939720	SSF x Far_LoA	-9,55742566	0,045	0,309
CHR2	3940516	CHR2:3940516	SSF x Far_LoA	-8,65105782	0,066	0,312
CHR2	3940534	CHR2:3940534	SSF x Far_LoA	-8,91387493	-0,063	0,299
CHR2	3940614	CHR2:3940614	SSF x Far_LoA	-8,88071817	0,084	0,310
CHR2	3942349	CHR2:3942349	SSF x Far_LoA	-10,6859025	-0,010	0,306
CHR2	3942376	CHR2:3942376	SSF x Far_LoA	-11,8177507	-0,056	0,301
CHR2	3953212	CHR2:3953212	SSF x Far_LoA	-4,62287554	0,173	0,286
CHR2	3953305	CHR2:3953305	SSF x Far_LoA	-9,46675322	-0,003	0,324
CHR2	3953318	CHR2:3953318	SSF x Far_LoA	-9,04736432	0,036	0,291
CHR2	3953371	CHR2:3953371	SSF x Far_LoA	-7,1188293	0,129	0,297
CHR2	3959134	CHR2:3959134	SSF x Far_LoA	-7,83547446	-0,117	0,303
CHR2	3959155	CHR2:3959155	SSF x Far_LoA	-10,2079409	0,116	0,299
CHR2	3959409	CHR2:3959409	SSF x Far_LoA	-10,6959008	0,026	0,296
CHR2	3966147	CHR2:3966147	SSF x Far_LoA	-7,73985152	-0,137	0,311
CHR2	3966216	CHR2:3966216	SSF x Far_LoA	-7,22207881	-0,166	0,300
CHR2	3966256	CHR2:3966256	SSF x Far_LoA	-10,6111365	0,034	0,292
CHR2	3975036	CHR2:3975036	SSF x Far_LoA	-10,4059454	0,020	0,299
CHR2	3975037	CHR2:3975037	SSF x Far_LoA	-8,82452295	0,102	0,294
CHR2	3975060	CHR2:3975060	SSF x Far_LoA	-9,86797482	-0,026	0,309
CHR2	3975104	CHR2:3975104	SSF x Far_LoA	-7,89181073	0,105	0,297
CHR2	3982082	CHR2:3982082	SSF x Far_LoA	-8,70782301	0,056	0,311
CHR2	3982107	CHR2:3982107	SSF x Far_LoA	-9,05934742	0,001	0,317
CHR2	3982128	CHR2:3982128	SSF x Far_LoA	-10,8020112	-0,057	0,307
CHR2	3982260	CHR2:3982260	SSF x Far_LoA	-10,2337342	0,004	0,312
CHR2	3982323	CHR2:3982323	SSF x Far_LoA	-11,2493676	0,030	0,309
CHR2	3982357	CHR2:3982357	SSF x Far_LoA	-10,9399307	0,011	0,298
CHR2	3990527	CHR2:3990527	SSF x Far_LoA	-9,23644351	-0,032	0,314
CHR2	3990595	CHR2:3990595	SSF x Far_LoA	-9,28529628	-0,042	0,321
CHR2	4017234	CHR2:4017234	SSF x Far_LoA	-9,39281875	0,030	0,302
CHR2	4017291	CHR2:4017291	SSF x Far_LoA	-9,15752759	0,050	0,312
CHR2	4017329	CHR2:4017329	SSF x Far_LoA	-6,34962716	0,083	0,300
CHR2	4019464	CHR2:4019464	SSF x Far_LoA	-11,0346184	-0,029	0,290
CHR2	4020809	CHR2:4020809	SSF x Far_LoA	-10,0951945	-0,062	0,310
CHR2	4020880	CHR2:4020880	SSF x Far_LoA	-9,04582345	0,011	0,306
CHR2	4020892	CHR2:4020892	SSF x Far_LoA	-9,14313593	-0,010	0,289

CHR2	4020917	CHR2:4020917	SSF x Far_LoA	-9,56646579	-0,038	0,302
CHR2	4020959	CHR2:4020959	SSF x Far_LoA	-7,71778725	0,162	0,296
CHR2	4036344	CHR2:4036344	SSF x Far_LoA	-11,3860317	-0,055	0,304
CHR2	4036357	CHR2:4036357	SSF x Far_LoA	-7,97689868	-0,053	0,325
CHR2	4036399	CHR2:4036399	SSF x Far_LoA	-9,68253481	0,084	0,313
CHR2	4036432	CHR2:4036432	SSF x Far_LoA	-8,46398964	-0,002	0,314
CHR2	4036465	CHR2:4036465	SSF x Far_LoA	-11,2725805	-0,029	0,308
CHR2	4046776	CHR2:4046776	SSF x Far_LoA	-9,23895877	0,179	0,283
CHR2	4046779	CHR2:4046779	SSF x Far_LoA	-10,9276797	0,039	0,306
CHR2	4046960	CHR2:4046960	SSF x Far_LoA	-10,8585378	-0,086	0,304
CHR2	4074422	CHR2:4074422	SSF x Far_LoA	-9,92492172	-0,022	0,308
CHR2	4074543	CHR2:4074543	SSF x Far_LoA	-8,62483098	0,005	0,314
CHR2	4074553	CHR2:4074553	SSF x Far_LoA	-9,00971432	0,005	0,313
CHR2	4074572	CHR2:4074572	SSF x Far_LoA	-11,0744447	-0,025	0,309
CHR2	4100416	CHR2:4100416	SSF x Far_LoA	-10,051344	0,006	0,298
CHR2	4100421	CHR2:4100421	SSF x Far_LoA	-6,16228948	0,198	0,300
CHR2	4100454	CHR2:4100454	SSF x Far_LoA	-8,32590405	-0,064	0,300
CHR2	4100501	CHR2:4100501	SSF x Far_LoA	-8,69471679	0,041	0,312
CHR2	4100512	CHR2:4100512	SSF x Far_LoA	-10,3378298	-0,003	0,305
CHR2	4100556	CHR2:4100556	SSF x Far_LoA	-11,424672	0,009	0,307
CHR2	4105280	CHR2:4105280	SSF x Far_LoA	-5,66649708	0,213	0,299
CHR2	4105289	CHR2:4105289	SSF x Far_LoA	0,86817223	-0,059	0,312
CHR2	4105310	CHR2:4105310	SSF x Far_LoA	-9,01070584	0,014	0,313
CHR2	4105335	CHR2:4105335	SSF x Far_LoA	-10,8590386	-0,028	0,304
CHR2	4105353	CHR2:4105353	SSF x Far_LoA	-10,3227376	-0,074	0,291
CHR2	4105516	CHR2:4105516	SSF x Far_LoA	-9,50513629	-0,077	0,291
CHR2	4112728	CHR2:4112728	SSF x Far_LoA	-8,14093029	-0,091	0,311
CHR2	4115589	CHR2:4115589	SSF x Far_LoA	-9,79333791	-0,012	0,313
CHR2	4117260	CHR2:4117260	SSF x Far_LoA	-7,45647759	-0,076	0,302
CHR2	4117289	CHR2:4117289	SSF x Far_LoA	-10,0129045	0,042	0,307
CHR2	4117336	CHR2:4117336	SSF x Far_LoA	-8,5150285	-0,053	0,316
CHR2	4117357	CHR2:4117357	SSF x Far_LoA	-8,10907461	-0,014	0,314
CHR2	4122040	CHR2:4122040	SSF x Far_LoA	-8,49253565	-0,179	0,301
CHR2	4122048	CHR2:4122048	SSF x Far_LoA	-10,1362987	0,113	0,293
CHR2	4122070	CHR2:4122070	SSF x Far_LoA	-8,15508514	0,185	0,301
CHR2	4122077	CHR2:4122077	SSF x Far_LoA	-9,79743585	0,099	0,304
CHR2	4122079	CHR2:4122079	SSF x Far_LoA	-8,97040615	0,105	0,300
CHR2	4122091	CHR2:4122091	SSF x Far_LoA	-6,91595132	0,125	0,299
CHR2	4122104	CHR2:4122104	SSF x Far_LoA	-8,92671781	-0,082	0,307
CHR2	4122128	CHR2:4122128	SSF x Far_LoA	-2,98644137	-0,229	0,298
CHR2	4122144	CHR2:4122144	SSF x Far_LoA	-2,82948546	-0,194	0,300
CHR2	4122146	CHR2:4122146	SSF x Far_LoA	-5,01228999	0,155	0,287
CHR2	4126029	CHR2:4126029	SSF x Far_LoA	-6,90664824	-0,075	0,298
CHR2	4127088	CHR2:4127088	SSF x Far_LoA	-11,0688475	0,001	0,303
CHR2	4147183	CHR2:4147183	SSF x Far_LoA	-8,29472694	0,011	0,316
CHR2	4151921	CHR2:4151921	SSF x Far_LoA	-7,55500535	0,119	0,309
CHR2	4151978	CHR2:4151978	SSF x Far_LoA	-9,42212489	-0,025	0,302
CHR2	4151980	CHR2:4151980	SSF x Far_LoA	-8,03765072	-0,042	0,308
CHR2	4152024	CHR2:4152024	SSF x Far_LoA	-7,79441784	0,032	0,311
CHR2	4152043	CHR2:4152043	SSF x Far_LoA	-8,68890281	0,042	0,312
CHR2	4173227	CHR2:4173227	SSF x Far_LoA	-7,85590937	0,042	0,302
CHR2	4181983	CHR2:4181983	SSF x Far_LoA	-11,0352601	0,067	0,312
CHR2	4182028	CHR2:4182028	SSF x Far_LoA	-4,9049566	0,115	0,299

CHR2	4182162	CHR2:4182162	SSF x Far_LoA	-8,21119999	0,110	0,302
CHR2	4182169	CHR2:4182169	SSF x Far_LoA	-8,61228117	0,068	0,306
CHR2	4189241	CHR2:4189241	SSF x Far_LoA	-8,74390002	-0,028	0,324
CHR2	4189244	CHR2:4189244	SSF x Far_LoA	-9,70134836	0,083	0,311
CHR2	4203292	CHR2:4203292	SSF x Far_LoA	-7,30018449	-0,087	0,303
CHR2	4203395	CHR2:4203395	SSF x Far_LoA	-7,34717768	-0,048	0,307
CHR2	4203660	CHR2:4203660	SSF x Far_LoA	-12,0416568	-0,015	0,302
CHR2	4212510	CHR2:4212510	SSF x Far_LoA	-9,08327167	0,094	0,299
CHR2	4212577	CHR2:4212577	SSF x Far_LoA	-9,49574952	-0,016	0,309
CHR2	4212702	CHR2:4212702	SSF x Far_LoA	-9,59861366	0,036	0,305
CHR2	4212765	CHR2:4212765	SSF x Far_LoA	-12,3171462	-0,058	0,287
CHR2	4214020	CHR2:4214020	SSF x Far_LoA	-1,93618817	-0,207	0,293
CHR2	4218330	CHR2:4218330	SSF x Far_LoA	-9,13182012	-0,041	0,309
CHR2	4218684	CHR2:4218684	SSF x Far_LoA	-7,96517435	0,019	0,302
CHR2	4219861	CHR2:4219861	SSF x Far_LoA	-9,44433387	-0,040	0,309
CHR2	4219943	CHR2:4219943	SSF x Far_LoA	-8,02344799	-0,129	0,292
CHR2	4219994	CHR2:4219994	SSF x Far_LoA	-9,87131354	0,100	0,289
CHR2	4220164	CHR2:4220164	SSF x Far_LoA	-10,5078181	0,031	0,301
CHR2	4222786	CHR2:4222786	SSF x Far_LoA	-9,43802418	0,054	0,304
CHR2	4228274	CHR2:4228274	SSF x Far_LoA	-11,3437135	0,015	0,305
CHR2	4231759	CHR2:4231759	SSF x Far_LoA	-10,2655615	-0,080	0,317
CHR2	4231771	CHR2:4231771	SSF x Far_LoA	-8,63954616	0,185	0,289
CHR2	4231858	CHR2:4231858	SSF x Far_LoA	-8,1192287	-0,072	0,306
CHR2	4231860	CHR2:4231860	SSF x Far_LoA	-10,0877595	0,060	0,318
CHR2	4231969	CHR2:4231969	SSF x Far_LoA	-9,43751472	0,136	0,313
CHR2	4231971	CHR2:4231971	SSF x Far_LoA	-9,25276178	0,038	0,305
CHR2	4231977	CHR2:4231977	SSF x Far_LoA	-9,99473281	0,116	0,290
CHR2	4231979	CHR2:4231979	SSF x Far_LoA	-9,09994698	0,135	0,296
CHR2	4232032	CHR2:4232032	SSF x Far_LoA	-9,46661207	-0,024	0,300
CHR2	4237905	CHR2:4237905	SSF x Far_LoA	-6,2533086	-0,102	0,309
CHR2	4237907	CHR2:4237907	SSF x Far_LoA	-11,5916394	-0,032	0,304
CHR2	4238009	CHR2:4238009	SSF x Far_LoA	-11,2679112	-0,028	0,312
CHR2	4238042	CHR2:4238042	SSF x Far_LoA	-9,23746681	0,017	0,302
CHR2	4238063	CHR2:4238063	SSF x Far_LoA	-9,57889486	-0,046	0,307
CHR2	4238160	CHR2:4238160	SSF x Far_LoA	-6,29427613	-0,036	0,301
CHR2	4240688	CHR2:4240688	SSF x Far_LoA	-10,8099226	-0,096	0,306
CHR2	4240703	CHR2:4240703	SSF x Far_LoA	-10,7693779	-0,040	0,320
CHR2	4240720	CHR2:4240720	SSF x Far_LoA	-10,1778582	0,035	0,307
CHR2	4240729	CHR2:4240729	SSF x Far_LoA	-8,46737494	0,063	0,309
CHR2	4240778	CHR2:4240778	SSF x Far_LoA	-8,50871929	-0,027	0,313
CHR2	4240789	CHR2:4240789	SSF x Far_LoA	-8,56696157	-0,017	0,311
CHR2	4260695	CHR2:4260695	SSF x Far_LoA	-9,65499762	-0,002	0,303
CHR2	4271128	CHR2:4271128	SSF x Far_LoA	-9,51643311	0,020	0,296
CHR2	4271133	CHR2:4271133	SSF x Far_LoA	-7,43848575	-0,010	0,287
CHR2	4276866	CHR2:4276866	SSF x Far_LoA	-5,99683218	0,035	0,294
CHR2	4276884	CHR2:4276884	SSF x Far_LoA	-7,85553878	0,057	0,303
CHR2	4276937	CHR2:4276937	SSF x Far_LoA	-8,01368366	0,094	0,314
CHR2	4276939	CHR2:4276939	SSF x Far_LoA	-8,11998966	0,011	0,316
CHR2	4297943	CHR2:4297943	SSF x Far_LoA	-7,43752738	0,086	0,294
CHR2	4297971	CHR2:4297971	SSF x Far_LoA	-7,28121164	0,025	0,300
CHR2	4297978	CHR2:4297978	SSF x Far_LoA	-7,38375054	0,007	0,313
CHR2	4298055	CHR2:4298055	SSF x Far_LoA	-10,3945992	0,021	0,307
CHR2	4298119	CHR2:4298119	SSF x Far_LoA	-5,53707967	0,129	0,306

CHR2	4298121	CHR2:4298121	SSF x Far_LoA	-3,25121476	0,140	0,303
CHR2	4298124	CHR2:4298124	SSF x Far_LoA	-6,96612872	0,139	0,286
CHR2	4298135	CHR2:4298135	SSF x Far_LoA	-9,0801818	0,106	0,297
CHR2	4298149	CHR2:4298149	SSF x Far_LoA	-9,46043226	0,119	0,296
CHR2	4298150	CHR2:4298150	SSF x Far_LoA	-9,21381138	0,088	0,304
CHR2	4298151	CHR2:4298151	SSF x Far_LoA	-6,95151871	0,133	0,292
CHR2	4305128	CHR2:4305128	SSF x Far_LoA	-9,15226933	-0,015	0,300
CHR2	4305129	CHR2:4305129	SSF x Far_LoA	-5,43434121	0,059	0,306
CHR2	4305158	CHR2:4305158	SSF x Far_LoA	-10,0106589	-0,073	0,307
CHR2	4305164	CHR2:4305164	SSF x Far_LoA	-9,19487446	-0,053	0,311
CHR2	4305166	CHR2:4305166	SSF x Far_LoA	-9,34271751	-0,071	0,300
CHR2	4305167	CHR2:4305167	SSF x Far_LoA	-7,41711153	-0,061	0,316
CHR2	4305170	CHR2:4305170	SSF x Far_LoA	-9,85551919	-0,041	0,295
CHR2	4305250	CHR2:4305250	SSF x Far_LoA	-8,15676925	0,085	0,309
CHR2	4305317	CHR2:4305317	SSF x Far_LoA	-12,1235656	-0,036	0,305
CHR2	4305325	CHR2:4305325	SSF x Far_LoA	-10,7079586	-0,051	0,314
CHR2	4305349	CHR2:4305349	SSF x Far_LoA	-4,40711309	-0,034	0,314
CHR2	4305361	CHR2:4305361	SSF x Far_LoA	-7,73874879	0,119	0,305
CHR2	4305366	CHR2:4305366	SSF x Far_LoA	-7,99492483	0,083	0,301
CHR2	4305392	CHR2:4305392	SSF x Far_LoA	-3,27635544	0,046	0,305
CHR2	4305397	CHR2:4305397	SSF x Far_LoA	-7,60599194	0,076	0,307
CHR2	4319075	CHR2:4319075	SSF x Far_LoA	-9,20566954	-0,138	0,298
CHR2	4322544	CHR2:4322544	SSF x Far_LoA	-10,4892469	-0,109	0,311
CHR2	4322565	CHR2:4322565	SSF x Far_LoA	-9,25599847	-0,101	0,309
CHR2	4322628	CHR2:4322628	SSF x Far_LoA	-9,65570417	0,026	0,294
CHR2	4322639	CHR2:4322639	SSF x Far_LoA	-11,1139307	0,058	0,315
CHR2	4322737	CHR2:4322737	SSF x Far_LoA	-10,0279019	0,023	0,297
CHR2	4322740	CHR2:4322740	SSF x Far_LoA	-8,13464762	0,013	0,309
CHR2	4324134	CHR2:4324134	SSF x Far_LoA	-4,23265393	0,088	0,298
CHR2	4324139	CHR2:4324139	SSF x Far_LoA	-8,25962915	0,077	0,295
CHR2	4324219	CHR2:4324219	SSF x Far_LoA	-10,3657017	-0,022	0,312
CHR2	4343930	CHR2:4343930	SSF x Far_LoA	-10,860536	-0,043	0,301
CHR2	4343969	CHR2:4343969	SSF x Far_LoA	-11,988173	0,036	0,301
CHR2	4345785	CHR2:4345785	SSF x Far_LoA	-8,67201294	0,023	0,313
CHR2	4345843	CHR2:4345843	SSF x Far_LoA	-10,0239809	0,020	0,302
CHR2	4345855	CHR2:4345855	SSF x Far_LoA	-9,92447991	-0,012	0,289
CHR2	4345870	CHR2:4345870	SSF x Far_LoA	-9,30366291	-0,033	0,308
CHR2	4345892	CHR2:4345892	SSF x Far_LoA	-9,26196736	-0,040	0,301
CHR2	4345893	CHR2:4345893	SSF x Far_LoA	-6,29229805	-0,078	0,307
CHR2	4345898	CHR2:4345898	SSF x Far_LoA	-8,72794374	-0,100	0,293
CHR2	4345909	CHR2:4345909	SSF x Far_LoA	-6,68205524	-0,082	0,303
CHR2	4347583	CHR2:4347583	SSF x Far_LoA	-10,6169649	0,015	0,320
CHR2	4347767	CHR2:4347767	SSF x Far_LoA	-9,23474895	-0,014	0,310
CHR2	4358881	CHR2:4358881	SSF x Far_LoA	-7,83575971	-0,014	0,316
CHR2	4358912	CHR2:4358912	SSF x Far_LoA	-8,44016099	-0,079	0,306
CHR2	4358937	CHR2:4358937	SSF x Far_LoA	-6,91841471	0,123	0,297
CHR2	4358942	CHR2:4358942	SSF x Far_LoA	-5,95009507	0,135	0,293
CHR2	4358974	CHR2:4358974	SSF x Far_LoA	-7,59964737	0,125	0,288
CHR2	4360061	CHR2:4360061	SSF x Far_LoA	-11,165617	0,086	0,298
CHR2	4360164	CHR2:4360164	SSF x Far_LoA	-6,705878	0,151	0,297
CHR2	4363934	CHR2:4363934	SSF x Far_LoA	-8,4404816	-0,060	0,298
CHR2	4364026	CHR2:4364026	SSF x Far_LoA	-4,10640169	-0,043	0,306
CHR2	4364033	CHR2:4364033	SSF x Far_LoA	-10,132668	-0,066	0,288

CHR2	4364042	CHR2:4364042	SSF x Far_LoA	-6,23670528	0,195	0,309
CHR2	4364138	CHR2:4364138	SSF x Far_LoA	-7,61661811	-0,004	0,318
CHR2	4364166	CHR2:4364166	SSF x Far_LoA	-5,17869421	-0,149	0,308
CHR2	4364173	CHR2:4364173	SSF x Far_LoA	-10,414813	-0,084	0,295
CHR2	4364183	CHR2:4364183	SSF x Far_LoA	-5,84965858	0,027	0,308
CHR2	4367573	CHR2:4367573	SSF x Far_LoA	-6,31543318	0,105	0,297
CHR2	4367636	CHR2:4367636	SSF x Far_LoA	-8,68366095	-0,069	0,303
CHR2	4367638	CHR2:4367638	SSF x Far_LoA	-8,45192341	-0,052	0,305
CHR2	4367639	CHR2:4367639	SSF x Far_LoA	-7,73065714	0,157	0,306
CHR2	4370506	CHR2:4370506	SSF x Far_LoA	-11,611863	-0,067	0,321
CHR2	4374310	CHR2:4374310	SSF x Far_LoA	-10,8743893	-0,047	0,297
CHR2	4374314	CHR2:4374314	SSF x Far_LoA	-9,04131604	0,007	0,305
CHR2	4379261	CHR2:4379261	SSF x Far_LoA	-10,255825	0,018	0,313
CHR2	4379262	CHR2:4379262	SSF x Far_LoA	-11,0538545	0,006	0,302
CHR2	4379382	CHR2:4379382	SSF x Far_LoA	-10,8258185	-0,039	0,303
CHR2	4379448	CHR2:4379448	SSF x Far_LoA	-8,62096732	-0,002	0,322
CHR2	4379518	CHR2:4379518	SSF x Far_LoA	-8,58400648	-0,169	0,294
CHR2	4387766	CHR2:4387766	SSF x Far_LoA	-8,28954156	0,209	0,286
CHR2	4391292	CHR2:4391292	SSF x Far_LoA	-9,77499328	0,030	0,321
CHR2	4391328	CHR2:4391328	SSF x Far_LoA	-8,30417576	-0,077	0,308
CHR2	4391350	CHR2:4391350	SSF x Far_LoA	-5,68674598	0,016	0,307
CHR2	4391358	CHR2:4391358	SSF x Far_LoA	-8,2187979	-0,015	0,305
CHR2	4413885	CHR2:4413885	SSF x Far_LoA	-9,68574832	0,042	0,297
CHR2	4414063	CHR2:4414063	SSF x Far_LoA	-9,03040446	-0,084	0,308
CHR2	4417668	CHR2:4417668	SSF x Far_LoA	-9,36258957	-0,033	0,299
CHR2	4417754	CHR2:4417754	SSF x Far_LoA	-8,99491449	0,002	0,317
CHR2	4429126	CHR2:4429126	SSF x Far_LoA	-8,97504149	0,048	0,295
CHR2	4429169	CHR2:4429169	SSF x Far_LoA	-9,056579	0,112	0,295
CHR2	4429262	CHR2:4429262	SSF x Far_LoA	-9,33246465	0,044	0,303
CHR2	4429263	CHR2:4429263	SSF x Far_LoA	-3,66753377	0,035	0,311
CHR2	4429271	CHR2:4429271	SSF x Far_LoA	-9,38385639	-0,026	0,308
CHR2	4441233	CHR2:4441233	SSF x Far_LoA	-8,689725	0,011	0,321
CHR2	444229	CHR2:444229	SSF x Far_LoA	-7,66125981	-0,064	0,310
CHR2	444256	CHR2:444256	SSF x Far_LoA	-8,20982694	-0,086	0,306
CHR2	444315	CHR2:444315	SSF x Far_LoA	-8,96724683	-0,067	0,307
CHR2	4455304	CHR2:4455304	SSF x Far_LoA	-10,402209	-0,055	0,327
CHR2	4458818	CHR2:4458818	SSF x Far_LoA	-9,62724468	0,000	0,295
CHR2	4461453	CHR2:4461453	SSF x Far_LoA	-11,2100344	-0,034	0,313
CHR2	4470164	CHR2:4470164	SSF x Far_LoA	-8,45963651	-0,066	0,310
CHR2	4477598	CHR2:4477598	SSF x Far_LoA	-9,12272103	-0,067	0,310
CHR2	4477633	CHR2:4477633	SSF x Far_LoA	-11,4068901	-0,050	0,304
CHR2	4477724	CHR2:4477724	SSF x Far_LoA	-9,46295763	0,003	0,304
CHR2	4477761	CHR2:4477761	SSF x Far_LoA	-9,94294858	0,045	0,286
CHR2	4483212	CHR2:4483212	SSF x Far_LoA	-8,43949906	-0,055	0,299
CHR2	4488475	CHR2:4488475	SSF x Far_LoA	-11,2376232	-0,013	0,298
CHR2	4488719	CHR2:4488719	SSF x Far_LoA	-9,21513298	0,015	0,312
CHR2	4488721	CHR2:4488721	SSF x Far_LoA	-9,14632957	0,009	0,312
CHR2	4488746	CHR2:4488746	SSF x Far_LoA	-7,31777616	0,025	0,306
CHR2	4492985	CHR2:4492985	SSF x Far_LoA	-4,64082694	0,122	0,306
CHR2	4492994	CHR2:4492994	SSF x Far_LoA	-7,48409555	0,111	0,306
CHR2	4493000	CHR2:4493000	SSF x Far_LoA	-6,27650317	-0,017	0,311
CHR2	4493050	CHR2:4493050	SSF x Far_LoA	-10,990984	-0,022	0,303
CHR2	4514768	CHR2:4514768	SSF x Far_LoA	-7,66931297	-0,082	0,307

CHR2	4514818	CHR2:4514818	SSF x Far_LoA	-10,7330695	-0,010	0,305
CHR2	4514825	CHR2:4514825	SSF x Far_LoA	-10,6642444	-0,041	0,315
CHR2	4514866	CHR2:4514866	SSF x Far_LoA	-9,26297307	-0,059	0,318
CHR2	4515022	CHR2:4515022	SSF x Far_LoA	-10,3418842	-0,064	0,317
CHR2	4515026	CHR2:4515026	SSF x Far_LoA	-10,5959749	-0,074	0,305
CHR2	4524541	CHR2:4524541	SSF x Far_LoA	-9,93210958	-0,134	0,313
CHR2	4524605	CHR2:4524605	SSF x Far_LoA	-7,87168903	0,168	0,292
CHR2	4537179	CHR2:4537179	SSF x Far_LoA	-10,5525124	0,108	0,305
CHR2	4543177	CHR2:4543177	SSF x Far_LoA	-10,4156507	-0,149	0,302
CHR2	4551384	CHR2:4551384	SSF x Far_LoA	-8,60264543	0,065	0,318
CHR2	4551796	CHR2:4551796	SSF x Far_LoA	-6,76638645	-0,165	0,298
CHR2	4567450	CHR2:4567450	SSF x Far_LoA	-8,44335317	-0,014	0,312
CHR2	4567468	CHR2:4567468	SSF x Far_LoA	-9,23924975	-0,017	0,309
CHR2	4567597	CHR2:4567597	SSF x Far_LoA	-9,00854765	-0,053	0,302
CHR2	4579767	CHR2:4579767	SSF x Far_LoA	-10,6985328	-0,006	0,316
CHR2	4579782	CHR2:4579782	SSF x Far_LoA	-7,87971524	-0,102	0,303
CHR2	4579832	CHR2:4579832	SSF x Far_LoA	-8,17588812	-0,095	0,306
CHR2	4584091	CHR2:4584091	SSF x Far_LoA	-10,5179981	-0,098	0,306
CHR2	4590749	CHR2:4590749	SSF x Far_LoA	-10,148626	0,022	0,305
CHR2	4593797	CHR2:4593797	SSF x Far_LoA	-7,95557485	0,014	0,300
CHR2	4593896	CHR2:4593896	SSF x Far_LoA	-8,71365706	-0,111	0,317
CHR2	4593899	CHR2:4593899	SSF x Far_LoA	-8,61174812	-0,034	0,314
CHR2	4593913	CHR2:4593913	SSF x Far_LoA	-9,12123139	0,013	0,315
CHR2	4593960	CHR2:4593960	SSF x Far_LoA	-6,31400489	0,088	0,304
CHR2	4593966	CHR2:4593966	SSF x Far_LoA	-7,51079199	-0,058	0,312
CHR2	4594037	CHR2:4594037	SSF x Far_LoA	-9,00653803	0,059	0,307
CHR2	4594038	CHR2:4594038	SSF x Far_LoA	-9,1696268	-0,001	0,320
CHR2	4607923	CHR2:4607923	SSF x Far_LoA	-3,87994648	0,148	0,288
CHR2	4609569	CHR2:4609569	SSF x Far_LoA	-11,4244854	0,053	0,312
CHR2	4613566	CHR2:4613566	SSF x Far_LoA	-6,57609448	-0,139	0,306
CHR2	4615470	CHR2:4615470	SSF x Far_LoA	-8,44902873	0,162	0,309
CHR2	4615588	CHR2:4615588	SSF x Far_LoA	-8,78575017	-0,047	0,297
CHR2	4615602	CHR2:4615602	SSF x Far_LoA	-7,08337844	-0,093	0,320
CHR2	4615655	CHR2:4615655	SSF x Far_LoA	-9,79569839	-0,120	0,306
CHR2	4617139	CHR2:4617139	SSF x Far_LoA	-7,75019057	0,012	0,301
CHR2	4618792	CHR2:4618792	SSF x Far_LoA	-10,041754	-0,001	0,303
CHR2	4618974	CHR2:4618974	SSF x Far_LoA	-11,0837196	0,029	0,309
CHR2	4619009	CHR2:4619009	SSF x Far_LoA	-10,7865088	0,017	0,313
CHR2	4633982	CHR2:4633982	SSF x Far_LoA	-10,1574082	-0,015	0,291
CHR2	4634024	CHR2:4634024	SSF x Far_LoA	-7,38057348	0,121	0,302
CHR2	4637235	CHR2:4637235	SSF x Far_LoA	-10,5246986	0,056	0,324
CHR2	4639814	CHR2:4639814	SSF x Far_LoA	-9,33695504	0,037	0,291
CHR2	4639819	CHR2:4639819	SSF x Far_LoA	-9,19560742	-0,116	0,307
CHR2	4639835	CHR2:4639835	SSF x Far_LoA	-7,90860942	0,109	0,303
CHR2	4639836	CHR2:4639836	SSF x Far_LoA	-10,8364609	0,117	0,306
CHR2	4639882	CHR2:4639882	SSF x Far_LoA	-7,74886298	-0,058	0,324
CHR2	4639905	CHR2:4639905	SSF x Far_LoA	-10,8858073	0,027	0,319
CHR2	4639920	CHR2:4639920	SSF x Far_LoA	-10,1979288	0,016	0,302
CHR2	4639924	CHR2:4639924	SSF x Far_LoA	-7,45938666	0,124	0,295
CHR2	4639926	CHR2:4639926	SSF x Far_LoA	-7,40166359	-0,185	0,293
CHR2	4639934	CHR2:4639934	SSF x Far_LoA	-11,2548218	0,027	0,310
CHR2	4639945	CHR2:4639945	SSF x Far_LoA	-7,25479081	0,109	0,299
CHR2	4639946	CHR2:4639946	SSF x Far_LoA	-11,0995691	0,037	0,309

CHR2	4639955	CHR2:4639955	SSF x Far_LoA	-7,19425055	0,005	0,307
CHR2	4639981	CHR2:4639981	SSF x Far_LoA	-9,36979794	-0,127	0,312
CHR2	4649687	CHR2:4649687	SSF x Far_LoA	-9,96101132	-0,035	0,295
CHR2	4649780	CHR2:4649780	SSF x Far_LoA	-6,98268081	0,178	0,298
CHR2	4649781	CHR2:4649781	SSF x Far_LoA	-7,32054851	0,177	0,292
CHR2	465706	CHR2:465706	SSF x Far_LoA	-8,92276784	-0,061	0,315
CHR2	465712	CHR2:465712	SSF x Far_LoA	-9,24467848	-0,016	0,312
CHR2	465771	CHR2:465771	SSF x Far_LoA	-8,79918727	-0,048	0,317
CHR2	465784	CHR2:465784	SSF x Far_LoA	-7,40802572	-0,034	0,318
CHR2	465794	CHR2:465794	SSF x Far_LoA	-9,53051104	-0,048	0,312
CHR2	465918	CHR2:465918	SSF x Far_LoA	-8,99929694	-0,006	0,296
CHR2	4665498	CHR2:4665498	SSF x Far_LoA	-11,1789371	0,061	0,316
CHR2	4665567	CHR2:4665567	SSF x Far_LoA	-11,8248407	-0,009	0,304
CHR2	4665606	CHR2:4665606	SSF x Far_LoA	-9,50031981	0,141	0,292
CHR2	466839	CHR2:466839	SSF x Far_LoA	-10,4505601	0,000	0,309
CHR2	466844	CHR2:466844	SSF x Far_LoA	-9,57913491	0,017	0,302
CHR2	4685175	CHR2:4685175	SSF x Far_LoA	-7,78507722	0,065	0,315
CHR2	4685382	CHR2:4685382	SSF x Far_LoA	-10,4408181	-0,025	0,301
CHR2	4685434	CHR2:4685434	SSF x Far_LoA	-10,4495699	-0,045	0,303
CHR2	4689131	CHR2:4689131	SSF x Far_LoA	-8,35189545	0,112	0,289
CHR2	4689154	CHR2:4689154	SSF x Far_LoA	-9,43505416	0,094	0,308
CHR2	4689158	CHR2:4689158	SSF x Far_LoA	-10,1064899	0,068	0,308
CHR2	4689181	CHR2:4689181	SSF x Far_LoA	-8,66099608	0,022	0,305
CHR2	4689352	CHR2:4689352	SSF x Far_LoA	-10,3347901	0,031	0,304
CHR2	4689368	CHR2:4689368	SSF x Far_LoA	-9,08086589	0,014	0,297
CHR2	4689402	CHR2:4689402	SSF x Far_LoA	-11,7696573	0,059	0,295
CHR2	4702570	CHR2:4702570	SSF x Far_LoA	-6,64710308	-0,123	0,295
CHR2	4702575	CHR2:4702575	SSF x Far_LoA	-11,5528952	-0,001	0,294
CHR2	4702737	CHR2:4702737	SSF x Far_LoA	-11,6784747	-0,025	0,304
CHR2	4702743	CHR2:4702743	SSF x Far_LoA	-9,43912449	-0,001	0,309
CHR2	4702766	CHR2:4702766	SSF x Far_LoA	-9,70863725	0,002	0,313
CHR2	4702778	CHR2:4702778	SSF x Far_LoA	-11,1769596	-0,086	0,309
CHR2	4705094	CHR2:4705094	SSF x Far_LoA	-10,0278447	-0,079	0,306
CHR2	4705251	CHR2:4705251	SSF x Far_LoA	-11,1358003	-0,093	0,304
CHR2	4730339	CHR2:4730339	SSF x Far_LoA	-10,0173606	-0,009	0,286
CHR2	4730424	CHR2:4730424	SSF x Far_LoA	-8,16202531	0,082	0,310
CHR2	4731594	CHR2:4731594	SSF x Far_LoA	-8,72204383	-0,070	0,314
CHR2	4733593	CHR2:4733593	SSF x Far_LoA	-8,60154907	0,065	0,298
CHR2	4733612	CHR2:4733612	SSF x Far_LoA	-10,6441842	-0,011	0,313
CHR2	4733695	CHR2:4733695	SSF x Far_LoA	-11,1829564	-0,017	0,308
CHR2	4733774	CHR2:4733774	SSF x Far_LoA	-10,4922901	-0,021	0,302
CHR2	4739337	CHR2:4739337	SSF x Far_LoA	-9,78407936	-0,011	0,313
CHR2	4739378	CHR2:4739378	SSF x Far_LoA	-6,81184326	0,176	0,295
CHR2	4739396	CHR2:4739396	SSF x Far_LoA	-6,3404431	0,187	0,289
CHR2	4739404	CHR2:4739404	SSF x Far_LoA	-8,598354	0,019	0,316
CHR2	4739405	CHR2:4739405	SSF x Far_LoA	-9,53086078	0,014	0,296
CHR2	4746350	CHR2:4746350	SSF x Far_LoA	-8,92138023	0,072	0,302
CHR2	4746378	CHR2:4746378	SSF x Far_LoA	-10,7044826	-0,009	0,307
CHR2	4746468	CHR2:4746468	SSF x Far_LoA	-10,2267052	0,066	0,319
CHR2	4746504	CHR2:4746504	SSF x Far_LoA	-9,27192048	-0,022	0,316
CHR2	4760361	CHR2:4760361	SSF x Far_LoA	-10,9064364	0,085	0,297
CHR2	4760391	CHR2:4760391	SSF x Far_LoA	-9,64652467	-0,017	0,310
CHR2	4760474	CHR2:4760474	SSF x Far_LoA	-11,227074	-0,132	0,305

CHR2	4760519	CHR2:4760519	SSF x Far_LoA	-6,69980885	0,030	0,312
CHR2	4765105	CHR2:4765105	SSF x Far_LoA	-9,24052766	0,134	0,297
CHR2	4765116	CHR2:4765116	SSF x Far_LoA	-9,64769053	0,114	0,284
CHR2	4765152	CHR2:4765152	SSF x Far_LoA	-6,94102947	0,103	0,300
CHR2	4766477	CHR2:4766477	SSF x Far_LoA	-11,2341365	0,064	0,302
CHR2	4788694	CHR2:4788694	SSF x Far_LoA	-7,93318822	0,052	0,306
CHR2	4799026	CHR2:4799026	SSF x Far_LoA	-8,77114802	-0,011	0,306
CHR2	4799833	CHR2:4799833	SSF x Far_LoA	-10,3071535	0,022	0,302
CHR2	4829313	CHR2:4829313	SSF x Far_LoA	0,78401964	0,145	0,308
CHR2	4830280	CHR2:4830280	SSF x Far_LoA	-11,0962252	-0,045	0,313
CHR2	4832922	CHR2:4832922	SSF x Far_LoA	-9,32818493	-0,059	0,302
CHR2	4833014	CHR2:4833014	SSF x Far_LoA	-10,8777694	0,088	0,300
CHR2	4862829	CHR2:4862829	SSF x Far_LoA	-11,6850904	0,027	0,295
CHR2	4862950	CHR2:4862950	SSF x Far_LoA	-10,4657695	0,021	0,303
CHR2	4863693	CHR2:4863693	SSF x Far_LoA	-9,98325566	-0,052	0,303
CHR2	4865525	CHR2:4865525	SSF x Far_LoA	-10,9477604	-0,061	0,296
CHR2	4865538	CHR2:4865538	SSF x Far_LoA	-9,77086004	0,019	0,295
CHR2	4865656	CHR2:4865656	SSF x Far_LoA	-6,02428657	-0,242	0,293
CHR2	4880479	CHR2:4880479	SSF x Far_LoA	-9,50927331	-0,153	0,305
CHR2	4880498	CHR2:4880498	SSF x Far_LoA	-9,03621567	-0,137	0,298
CHR2	4880564	CHR2:4880564	SSF x Far_LoA	-11,1563859	-0,003	0,294
CHR2	4881231	CHR2:4881231	SSF x Far_LoA	-10,3456046	0,056	0,304
CHR2	4881261	CHR2:4881261	SSF x Far_LoA	-9,61573232	-0,155	0,304
CHR2	4881295	CHR2:4881295	SSF x Far_LoA	-9,53509957	-0,116	0,306
CHR2	4888497	CHR2:4888497	SSF x Far_LoA	-9,98332728	0,051	0,304
CHR2	4888516	CHR2:4888516	SSF x Far_LoA	3,78087809	-0,163	0,316
CHR2	4888590	CHR2:4888590	SSF x Far_LoA	-10,8369252	0,000	0,299
CHR2	4893914	CHR2:4893914	SSF x Far_LoA	-10,4460283	-0,045	0,303
CHR2	4893940	CHR2:4893940	SSF x Far_LoA	-8,26434403	0,007	0,310
CHR2	4894015	CHR2:4894015	SSF x Far_LoA	-10,0818123	0,019	0,301
CHR2	4894044	CHR2:4894044	SSF x Far_LoA	-9,79150987	-0,070	0,294
CHR2	4894050	CHR2:4894050	SSF x Far_LoA	-2,93571678	-0,027	0,310
CHR2	4899077	CHR2:4899077	SSF x Far_LoA	-9,62064653	0,011	0,304
CHR2	4899682	CHR2:4899682	SSF x Far_LoA	-9,92021586	-0,057	0,320
CHR2	4900740	CHR2:4900740	SSF x Far_LoA	-11,712295	-0,045	0,299
CHR2	4901291	CHR2:4901291	SSF x Far_LoA	-6,08362235	-0,042	0,310
CHR2	4910421	CHR2:4910421	SSF x Far_LoA	-3,45568757	-0,104	0,325
CHR2	4910499	CHR2:4910499	SSF x Far_LoA	-9,78078029	-0,018	0,292
CHR2	4910559	CHR2:4910559	SSF x Far_LoA	-10,5950486	-0,074	0,318
CHR2	4910572	CHR2:4910572	SSF x Far_LoA	-6,71851449	0,015	0,316
CHR2	4910576	CHR2:4910576	SSF x Far_LoA	-9,34652668	-0,014	0,304
CHR2	4914165	CHR2:4914165	SSF x Far_LoA	-11,5973197	0,046	0,316
CHR2	4924478	CHR2:4924478	SSF x Far_LoA	-10,4183507	0,046	0,310
CHR2	4924517	CHR2:4924517	SSF x Far_LoA	-10,8144031	-0,061	0,302
CHR2	4924549	CHR2:4924549	SSF x Far_LoA	-7,770595	0,005	0,302
CHR2	4924680	CHR2:4924680	SSF x Far_LoA	-10,7920407	0,044	0,306
CHR2	4924686	CHR2:4924686	SSF x Far_LoA	-8,98049282	-0,042	0,312
CHR2	4924693	CHR2:4924693	SSF x Far_LoA	-8,52155711	0,065	0,290
CHR2	4924710	CHR2:4924710	SSF x Far_LoA	-8,94913739	0,159	0,313
CHR2	4924711	CHR2:4924711	SSF x Far_LoA	-9,3425688	-0,064	0,300
CHR2	4929335	CHR2:4929335	SSF x Far_LoA	-6,1859021	0,082	0,305
CHR2	4936904	CHR2:4936904	SSF x Far_LoA	-11,2058723	0,066	0,303
CHR2	4937507	CHR2:4937507	SSF x Far_LoA	-8,69208134	0,024	0,299

CHR2	4937527	CHR2:4937527	SSF x Far_LoA	-3,52003753	-0,156	0,314
CHR2	4937676	CHR2:4937676	SSF x Far_LoA	-9,63107821	0,171	0,307
CHR2	495124	CHR2:495124	SSF x Far_LoA	-10,2587869	0,054	0,303
CHR2	495127	CHR2:495127	SSF x Far_LoA	-7,93787639	0,089	0,300
CHR2	4951506	CHR2:4951506	SSF x Far_LoA	-10,3041363	-0,033	0,293
CHR2	4951515	CHR2:4951515	SSF x Far_LoA	-8,19066477	0,026	0,316
CHR2	4951537	CHR2:4951537	SSF x Far_LoA	-10,3725704	0,149	0,287
CHR2	4951549	CHR2:4951549	SSF x Far_LoA	-8,81152788	0,003	0,309
CHR2	495167	CHR2:495167	SSF x Far_LoA	-9,57848899	0,021	0,305
CHR2	4957264	CHR2:4957264	SSF x Far_LoA	-9,87144717	-0,042	0,310
CHR2	4957363	CHR2:4957363	SSF x Far_LoA	-10,5211704	0,011	0,302
CHR2	4957370	CHR2:4957370	SSF x Far_LoA	-8,7965027	0,006	0,309
CHR2	495961	CHR2:495961	SSF x Far_LoA	-9,67568079	0,150	0,295
CHR2	496044	CHR2:496044	SSF x Far_LoA	-12,0366422	-0,018	0,302
CHR2	4960719	CHR2:4960719	SSF x Far_LoA	-9,39319853	0,018	0,300
CHR2	4960754	CHR2:4960754	SSF x Far_LoA	-8,60956848	0,032	0,288
CHR2	4965400	CHR2:4965400	SSF x Far_LoA	-8,93566789	0,094	0,295
CHR2	4970314	CHR2:4970314	SSF x Far_LoA	-11,7660434	-0,008	0,319
CHR2	4970334	CHR2:4970334	SSF x Far_LoA	-11,7767214	-0,012	0,299
CHR2	4970345	CHR2:4970345	SSF x Far_LoA	-9,44411741	-0,040	0,290
CHR2	4970433	CHR2:4970433	SSF x Far_LoA	-8,05319235	0,043	0,309
CHR2	4970471	CHR2:4970471	SSF x Far_LoA	-12,1888719	0,022	0,301
CHR2	4970486	CHR2:4970486	SSF x Far_LoA	-11,1287532	0,026	0,320
CHR2	4970493	CHR2:4970493	SSF x Far_LoA	-8,87242011	-0,058	0,312
CHR2	4978428	CHR2:4978428	SSF x Far_LoA	-8,66801734	0,016	0,319
CHR2	4978442	CHR2:4978442	SSF x Far_LoA	-11,9850297	0,021	0,302
CHR2	4978451	CHR2:4978451	SSF x Far_LoA	-10,3218317	-0,012	0,312
CHR2	4978658	CHR2:4978658	SSF x Far_LoA	-7,98848309	-0,103	0,320
CHR2	4978690	CHR2:4978690	SSF x Far_LoA	-7,6761372	0,035	0,315
CHR2	4984118	CHR2:4984118	SSF x Far_LoA	-9,86431751	0,020	0,305
CHR2	4984145	CHR2:4984145	SSF x Far_LoA	-10,4165791	0,005	0,308
CHR2	4984159	CHR2:4984159	SSF x Far_LoA	-2,08420182	-0,090	0,304
CHR2	4984195	CHR2:4984195	SSF x Far_LoA	-9,31069199	0,028	0,306
CHR2	4984213	CHR2:4984213	SSF x Far_LoA	-9,52207529	0,017	0,322
CHR2	4984218	CHR2:4984218	SSF x Far_LoA	-7,38467866	0,127	0,297
CHR2	5008265	CHR2:5008265	SSF x Far_LoA	-9,47694795	0,019	0,313
CHR2	5008276	CHR2:5008276	SSF x Far_LoA	-9,76995646	-0,043	0,307
CHR2	5009236	CHR2:5009236	SSF x Far_LoA	-2,93357628	-0,045	0,314
CHR2	5013234	CHR2:5013234	SSF x Far_LoA	-9,70451917	0,016	0,311
CHR2	501349	CHR2:501349	SSF x Far_LoA	-11,6836854	0,024	0,304
CHR2	5033115	CHR2:5033115	SSF x Far_LoA	-8,20315832	0,122	0,292
CHR2	5033129	CHR2:5033129	SSF x Far_LoA	-7,82104885	-0,098	0,306
CHR2	5033173	CHR2:5033173	SSF x Far_LoA	-8,66969392	-0,076	0,304
CHR2	5033185	CHR2:5033185	SSF x Far_LoA	-8,68004042	0,027	0,311
CHR2	5035928	CHR2:5035928	SSF x Far_LoA	-9,71839438	0,031	0,306
CHR2	5035932	CHR2:5035932	SSF x Far_LoA	-9,77748416	0,015	0,304
CHR2	5035943	CHR2:5035943	SSF x Far_LoA	-9,41864699	0,022	0,298
CHR2	5035965	CHR2:5035965	SSF x Far_LoA	-8,94990388	0,076	0,305
CHR2	5035995	CHR2:5035995	SSF x Far_LoA	-9,59281733	-0,012	0,306
CHR2	5036036	CHR2:5036036	SSF x Far_LoA	-8,5998856	-0,141	0,295
CHR2	5038593	CHR2:5038593	SSF x Far_LoA	-10,0689525	0,050	0,315
CHR2	5038726	CHR2:5038726	SSF x Far_LoA	-10,1157853	-0,019	0,304
CHR2	5038734	CHR2:5038734	SSF x Far_LoA	-6,00600025	-0,140	0,302

CHR2	5038757	CHR2:5038757	SSF x Far_LoA	-8,67961369	0,050	0,311
CHR2	5044306	CHR2:5044306	SSF x Far_LoA	-11,286962	-0,054	0,306
CHR2	5044310	CHR2:5044310	SSF x Far_LoA	-10,0158883	-0,040	0,316
CHR2	5044318	CHR2:5044318	SSF x Far_LoA	-10,7168995	-0,029	0,305
CHR2	5046829	CHR2:5046829	SSF x Far_LoA	-8,54953286	-0,083	0,297
CHR2	5046840	CHR2:5046840	SSF x Far_LoA	-6,39123831	-0,111	0,299
CHR2	5049988	CHR2:5049988	SSF x Far_LoA	-9,9165925	-0,044	0,304
CHR2	5050129	CHR2:5050129	SSF x Far_LoA	-10,7962462	0,038	0,299
CHR2	5050141	CHR2:5050141	SSF x Far_LoA	-11,3076149	-0,056	0,306
CHR2	5050250	CHR2:5050250	SSF x Far_LoA	-9,92495424	0,001	0,311
CHR2	5076663	CHR2:5076663	SSF x Far_LoA	-7,18782555	0,006	0,317
CHR2	5076669	CHR2:5076669	SSF x Far_LoA	-8,62679022	-0,021	0,324
CHR2	5076900	CHR2:5076900	SSF x Far_LoA	-5,76165444	0,204	0,295
CHR2	5076903	CHR2:5076903	SSF x Far_LoA	-10,0719313	-0,024	0,307
CHR2	5079620	CHR2:5079620	SSF x Far_LoA	-11,6271804	-0,059	0,304
CHR2	5079672	CHR2:5079672	SSF x Far_LoA	-9,3220269	0,065	0,312
CHR2	5079711	CHR2:5079711	SSF x Far_LoA	-11,3550297	0,042	0,306
CHR2	5079886	CHR2:5079886	SSF x Far_LoA	-11,2490067	-0,024	0,306
CHR2	5079906	CHR2:5079906	SSF x Far_LoA	-10,2734022	0,038	0,308
CHR2	5079909	CHR2:5079909	SSF x Far_LoA	-10,9467682	0,034	0,303
CHR2	5084120	CHR2:5084120	SSF x Far_LoA	-8,18208332	0,070	0,320
CHR2	5084165	CHR2:5084165	SSF x Far_LoA	-8,61713712	0,096	0,304
CHR2	5084198	CHR2:5084198	SSF x Far_LoA	-3,41872627	-0,095	0,317
CHR2	5092957	CHR2:5092957	SSF x Far_LoA	-9,36032591	0,070	0,298
CHR2	5092986	CHR2:5092986	SSF x Far_LoA	-11,168719	-0,023	0,295
CHR2	5093039	CHR2:5093039	SSF x Far_LoA	-9,47642811	0,042	0,300
CHR2	5095382	CHR2:5095382	SSF x Far_LoA	-11,0830593	0,038	0,310
CHR2	5095399	CHR2:5095399	SSF x Far_LoA	-12,6811621	0,003	0,294
CHR2	5095421	CHR2:5095421	SSF x Far_LoA	-5,70214273	-0,031	0,312
CHR2	5095444	CHR2:5095444	SSF x Far_LoA	-9,65760826	-0,022	0,299
CHR2	5095451	CHR2:5095451	SSF x Far_LoA	-9,92178167	0,016	0,299
CHR2	5095454	CHR2:5095454	SSF x Far_LoA	-4,12535509	0,020	0,298
CHR2	5095464	CHR2:5095464	SSF x Far_LoA	-5,75528254	-0,019	0,311
CHR2	5095469	CHR2:5095469	SSF x Far_LoA	-6,73358827	0,013	0,300
CHR2	5095477	CHR2:5095477	SSF x Far_LoA	-9,58185997	-0,018	0,304
CHR2	5095491	CHR2:5095491	SSF x Far_LoA	-8,32701432	-0,012	0,293
CHR2	5095504	CHR2:5095504	SSF x Far_LoA	-10,8968259	-0,037	0,306
CHR2	5095531	CHR2:5095531	SSF x Far_LoA	-7,14504276	-0,079	0,301
CHR2	5095545	CHR2:5095545	SSF x Far_LoA	-9,79856656	0,040	0,315
CHR2	5100065	CHR2:5100065	SSF x Far_LoA	-8,75994711	0,107	0,304
CHR2	5100077	CHR2:5100077	SSF x Far_LoA	-9,36774709	-0,050	0,310
CHR2	5100156	CHR2:5100156	SSF x Far_LoA	-8,52696927	0,147	0,296
CHR2	5104544	CHR2:5104544	SSF x Far_LoA	-7,3890207	0,063	0,311
CHR2	5104583	CHR2:5104583	SSF x Far_LoA	-8,63758856	-0,132	0,300
CHR2	5106514	CHR2:5106514	SSF x Far_LoA	-8,25886128	0,089	0,310
CHR2	5106556	CHR2:5106556	SSF x Far_LoA	-8,56054749	-0,031	0,303
CHR2	5106558	CHR2:5106558	SSF x Far_LoA	-9,39501412	0,128	0,297
CHR2	5107075	CHR2:5107075	SSF x Far_LoA	-8,97524142	0,031	0,310
CHR2	5107086	CHR2:5107086	SSF x Far_LoA	-9,38585377	0,042	0,322
CHR2	5107089	CHR2:5107089	SSF x Far_LoA	-9,69955275	0,043	0,322
CHR2	5107111	CHR2:5107111	SSF x Far_LoA	-8,84081909	-0,025	0,318
CHR2	5107126	CHR2:5107126	SSF x Far_LoA	-9,20566619	-0,029	0,317
CHR2	5107138	CHR2:5107138	SSF x Far_LoA	-11,2310304	0,049	0,308

CHR2	5107145	CHR2:5107145	SSF x Far_LoA	-7,59962456	-0,020	0,302
CHR2	5107152	CHR2:5107152	SSF x Far_LoA	-9,34082014	-0,018	0,298
CHR2	5111833	CHR2:5111833	SSF x Far_LoA	-9,50761429	-0,061	0,294
CHR2	5112069	CHR2:5112069	SSF x Far_LoA	-9,19210703	0,093	0,301
CHR2	5112103	CHR2:5112103	SSF x Far_LoA	-8,44391619	-0,172	0,317
CHR2	5112110	CHR2:5112110	SSF x Far_LoA	-10,7374149	-0,151	0,292
CHR2	5112112	CHR2:5112112	SSF x Far_LoA	-8,40099624	-0,196	0,301
CHR2	5131261	CHR2:5131261	SSF x Far_LoA	-6,26756716	0,207	0,291
CHR2	5153191	CHR2:5153191	SSF x Far_LoA	-9,72979297	-0,040	0,310
CHR2	5153230	CHR2:5153230	SSF x Far_LoA	-10,8666825	0,080	0,306
CHR2	5153249	CHR2:5153249	SSF x Far_LoA	-8,39020528	-0,048	0,314
CHR2	5159937	CHR2:5159937	SSF x Far_LoA	-10,8192339	-0,062	0,302
CHR2	5160004	CHR2:5160004	SSF x Far_LoA	-8,62277248	0,083	0,316
CHR2	5161428	CHR2:5161428	SSF x Far_LoA	-9,70358884	0,002	0,296
CHR2	5161452	CHR2:5161452	SSF x Far_LoA	-8,89372718	0,116	0,306
CHR2	5161462	CHR2:5161462	SSF x Far_LoA	-8,15857218	0,028	0,297
CHR2	5161463	CHR2:5161463	SSF x Far_LoA	-8,49665173	0,020	0,304
CHR2	5161538	CHR2:5161538	SSF x Far_LoA	-7,77625383	0,011	0,299
CHR2	5161597	CHR2:5161597	SSF x Far_LoA	-8,89807149	-0,053	0,308
CHR2	5161628	CHR2:5161628	SSF x Far_LoA	-9,8540027	-0,014	0,308
CHR2	5161630	CHR2:5161630	SSF x Far_LoA	-8,76638898	0,144	0,296
CHR2	5164664	CHR2:5164664	SSF x Far_LoA	-7,82943659	0,169	0,314
CHR2	5164666	CHR2:5164666	SSF x Far_LoA	-8,83085427	-0,007	0,313
CHR2	5164687	CHR2:5164687	SSF x Far_LoA	-6,77942871	0,020	0,303
CHR2	5190476	CHR2:5190476	SSF x Far_LoA	-4,81614281	0,029	0,320
CHR2	5207950	CHR2:5207950	SSF x Far_LoA	-10,2580364	0,031	0,296
CHR2	5208064	CHR2:5208064	SSF x Far_LoA	-8,39010414	0,063	0,303
CHR2	5208088	CHR2:5208088	SSF x Far_LoA	-10,7805608	0,082	0,314
CHR2	5208129	CHR2:5208129	SSF x Far_LoA	-9,16399027	-0,058	0,304
CHR2	5208159	CHR2:5208159	SSF x Far_LoA	-11,0854094	0,049	0,296
CHR2	5215664	CHR2:5215664	SSF x Far_LoA	-11,8733486	-0,060	0,311
CHR2	5220652	CHR2:5220652	SSF x Far_LoA	-10,4571298	-0,016	0,313
CHR2	5220655	CHR2:5220655	SSF x Far_LoA	-12,1944473	-0,034	0,310
CHR2	5220802	CHR2:5220802	SSF x Far_LoA	-10,3080173	-0,086	0,310
CHR2	5220821	CHR2:5220821	SSF x Far_LoA	-11,0640141	-0,058	0,318
CHR2	5220837	CHR2:5220837	SSF x Far_LoA	-10,498157	-0,057	0,319
CHR2	5220855	CHR2:5220855	SSF x Far_LoA	0,81473039	0,039	0,299
CHR2	5220859	CHR2:5220859	SSF x Far_LoA	-9,47231689	-0,053	0,306
CHR2	5227215	CHR2:5227215	SSF x Far_LoA	-10,6211222	0,103	0,294
CHR2	5227243	CHR2:5227243	SSF x Far_LoA	-7,95067839	0,210	0,287
CHR2	5227251	CHR2:5227251	SSF x Far_LoA	-6,49865958	0,074	0,316
CHR2	5227297	CHR2:5227297	SSF x Far_LoA	-5,74397635	0,171	0,304
CHR2	5231155	CHR2:5231155	SSF x Far_LoA	-10,5900603	-0,009	0,295
CHR2	5231172	CHR2:5231172	SSF x Far_LoA	-9,09740751	0,063	0,306
CHR2	5231178	CHR2:5231178	SSF x Far_LoA	-7,94482563	-0,059	0,305
CHR2	5240456	CHR2:5240456	SSF x Far_LoA	-8,26356511	-0,020	0,311
CHR2	5240465	CHR2:5240465	SSF x Far_LoA	-10,7736648	0,083	0,285
CHR2	5240473	CHR2:5240473	SSF x Far_LoA	-8,88878842	-0,056	0,300
CHR2	5240507	CHR2:5240507	SSF x Far_LoA	-8,540226	0,007	0,303
CHR2	5244456	CHR2:5244456	SSF x Far_LoA	-9,81288368	0,012	0,313
CHR2	5244787	CHR2:5244787	SSF x Far_LoA	-9,08885303	-0,090	0,297
CHR2	5244812	CHR2:5244812	SSF x Far_LoA	-9,08787697	-0,141	0,299
CHR2	5244836	CHR2:5244836	SSF x Far_LoA	-11,6767931	-0,037	0,309

CHR2	5244870	CHR2:5244870	SSF x Far_LoA	-9,51485384	-0,017	0,295
CHR2	5244902	CHR2:5244902	SSF x Far_LoA	-10,9630106	0,015	0,303
CHR2	5250735	CHR2:5250735	SSF x Far_LoA	-8,94281086	-0,041	0,316
CHR2	5250744	CHR2:5250744	SSF x Far_LoA	-8,30187659	-0,026	0,314
CHR2	5250752	CHR2:5250752	SSF x Far_LoA	-8,17667481	0,085	0,308
CHR2	5250767	CHR2:5250767	SSF x Far_LoA	-11,1309293	0,061	0,290
CHR2	5250780	CHR2:5250780	SSF x Far_LoA	-8,45967118	0,022	0,309
CHR2	5250789	CHR2:5250789	SSF x Far_LoA	-9,89554986	0,067	0,291
CHR2	5250905	CHR2:5250905	SSF x Far_LoA	-10,0456899	-0,010	0,314
CHR2	525657	CHR2:525657	SSF x Far_LoA	-9,41655152	0,066	0,300
CHR2	5271009	CHR2:5271009	SSF x Far_LoA	-10,2770258	-0,154	0,295
CHR2	5273411	CHR2:5273411	SSF x Far_LoA	-11,4971768	-0,068	0,302
CHR2	5273691	CHR2:5273691	SSF x Far_LoA	-9,05292348	0,034	0,301
CHR2	5276203	CHR2:5276203	SSF x Far_LoA	-7,7391523	-0,084	0,310
CHR2	5276204	CHR2:5276204	SSF x Far_LoA	-11,9752919	-0,027	0,294
CHR2	5276209	CHR2:5276209	SSF x Far_LoA	-7,68713433	-0,105	0,311
CHR2	5276236	CHR2:5276236	SSF x Far_LoA	-9,91471479	-0,006	0,302
CHR2	5276293	CHR2:5276293	SSF x Far_LoA	-8,64933339	-0,115	0,302
CHR2	5276328	CHR2:5276328	SSF x Far_LoA	-9,13557416	-0,103	0,312
CHR2	5277959	CHR2:5277959	SSF x Far_LoA	-8,61898671	0,027	0,326
CHR2	5277980	CHR2:5277980	SSF x Far_LoA	-7,8208648	-0,008	0,319
CHR2	5277993	CHR2:5277993	SSF x Far_LoA	-7,99723381	-0,012	0,305
CHR2	5278060	CHR2:5278060	SSF x Far_LoA	-11,4190852	-0,074	0,315
CHR2	5280885	CHR2:5280885	SSF x Far_LoA	-10,9220605	-0,030	0,306
CHR2	5280941	CHR2:5280941	SSF x Far_LoA	-8,01148957	0,101	0,293
CHR2	5281365	CHR2:5281365	SSF x Far_LoA	-5,96557171	-0,089	0,316
CHR2	5281366	CHR2:5281366	SSF x Far_LoA	-9,54473646	-0,135	0,304
CHR2	5281385	CHR2:5281385	SSF x Far_LoA	4,55904398	0,312	0,265
CHR2	5281391	CHR2:5281391	SSF x Far_LoA	-11,6225797	-0,023	0,305
CHR2	5281396	CHR2:5281396	SSF x Far_LoA	-7,47020586	-0,079	0,295
CHR2	5288009	CHR2:5288009	SSF x Far_LoA	-8,1125763	-0,072	0,281
CHR2	5288077	CHR2:5288077	SSF x Far_LoA	-6,12752419	0,132	0,294
CHR2	5288105	CHR2:5288105	SSF x Far_LoA	-8,47141036	-0,090	0,315
CHR2	5288133	CHR2:5288133	SSF x Far_LoA	-8,90763024	-0,063	0,320
CHR2	5288177	CHR2:5288177	SSF x Far_LoA	-7,32058873	-0,025	0,309
CHR2	5288179	CHR2:5288179	SSF x Far_LoA	-11,0650643	-0,075	0,310
CHR2	5288181	CHR2:5288181	SSF x Far_LoA	-0,09943766	-0,167	0,302
CHR2	5288222	CHR2:5288222	SSF x Far_LoA	-11,0724441	0,046	0,307
CHR2	5292610	CHR2:5292610	SSF x Far_LoA	-5,61092158	0,090	0,303
CHR2	5292628	CHR2:5292628	SSF x Far_LoA	-9,68239097	0,031	0,308
CHR2	5305068	CHR2:5305068	SSF x Far_LoA	-10,0714127	0,015	0,308
CHR2	5305080	CHR2:5305080	SSF x Far_LoA	-9,93161222	-0,031	0,307
CHR2	5305131	CHR2:5305131	SSF x Far_LoA	-9,57546513	-0,029	0,311
CHR2	5305136	CHR2:5305136	SSF x Far_LoA	-3,78508313	0,179	0,297
CHR2	5305148	CHR2:5305148	SSF x Far_LoA	-10,454547	0,034	0,310
CHR2	5305183	CHR2:5305183	SSF x Far_LoA	-8,05964413	-0,105	0,316
CHR2	5307528	CHR2:5307528	SSF x Far_LoA	-9,5987699	0,014	0,302
CHR2	5307540	CHR2:5307540	SSF x Far_LoA	-9,31874473	0,040	0,303
CHR2	5316698	CHR2:5316698	SSF x Far_LoA	-10,594082	0,000	0,313
CHR2	5316715	CHR2:5316715	SSF x Far_LoA	-10,3987192	-0,018	0,312
CHR2	5316727	CHR2:5316727	SSF x Far_LoA	-9,39866577	-0,120	0,302
CHR2	5316738	CHR2:5316738	SSF x Far_LoA	-9,3223251	-0,035	0,306
CHR2	5316814	CHR2:5316814	SSF x Far_LoA	-11,2671295	0,032	0,311

CHR2	5316825	CHR2:5316825	SSF x Far_LoA	-10,5312307	0,121	0,298
CHR2	5316894	CHR2:5316894	SSF x Far_LoA	-10,3693988	0,049	0,295
CHR2	5316919	CHR2:5316919	SSF x Far_LoA	-10,9711809	0,093	0,304
CHR2	5326926	CHR2:5326926	SSF x Far_LoA	-6,03192011	-0,149	0,306
CHR2	5326929	CHR2:5326929	SSF x Far_LoA	-3,76721765	-0,188	0,273
CHR2	5326959	CHR2:5326959	SSF x Far_LoA	-8,08966658	-0,014	0,309
CHR2	5327027	CHR2:5327027	SSF x Far_LoA	-10,0672559	-0,108	0,299
CHR2	5327045	CHR2:5327045	SSF x Far_LoA	-9,74194199	0,053	0,298
CHR2	5330827	CHR2:5330827	SSF x Far_LoA	-7,84873538	-0,074	0,308
CHR2	5330860	CHR2:5330860	SSF x Far_LoA	-9,96661842	-0,004	0,298
CHR2	5330891	CHR2:5330891	SSF x Far_LoA	-1,82288625	0,083	0,294
CHR2	5330918	CHR2:5330918	SSF x Far_LoA	-6,79050143	0,072	0,296
CHR2	5330934	CHR2:5330934	SSF x Far_LoA	-9,59621814	0,102	0,294
CHR2	5330943	CHR2:5330943	SSF x Far_LoA	-8,5284747	0,094	0,289
CHR2	5331004	CHR2:5331004	SSF x Far_LoA	-7,70731847	0,113	0,293
CHR2	5331005	CHR2:5331005	SSF x Far_LoA	-10,9141569	-0,122	0,303
CHR2	5331016	CHR2:5331016	SSF x Far_LoA	-8,75965412	0,078	0,303
CHR2	5331024	CHR2:5331024	SSF x Far_LoA	-6,01558554	0,123	0,315
CHR2	5331030	CHR2:5331030	SSF x Far_LoA	-10,7145003	-0,077	0,313
CHR2	5350426	CHR2:5350426	SSF x Far_LoA	-8,40765512	-0,144	0,291
CHR2	5366370	CHR2:5366370	SSF x Far_LoA	-11,3036736	-0,023	0,304
CHR2	5366419	CHR2:5366419	SSF x Far_LoA	-11,1858938	-0,047	0,302
CHR2	5384321	CHR2:5384321	SSF x Far_LoA	-11,0906832	-0,081	0,296
CHR2	5384372	CHR2:5384372	SSF x Far_LoA	0,73818707	-0,159	0,309
CHR2	5389877	CHR2:5389877	SSF x Far_LoA	-10,2794989	0,042	0,307
CHR2	539148	CHR2:539148	SSF x Far_LoA	-8,22888872	-0,003	0,306
CHR2	5395790	CHR2:5395790	SSF x Far_LoA	-4,12879726	-0,100	0,313
CHR2	5395860	CHR2:5395860	SSF x Far_LoA	-8,78294361	0,033	0,308
CHR2	5395968	CHR2:5395968	SSF x Far_LoA	-10,3755763	-0,020	0,300
CHR2	5395977	CHR2:5395977	SSF x Far_LoA	-8,20894262	0,068	0,326
CHR2	5395978	CHR2:5395978	SSF x Far_LoA	-9,76176426	0,064	0,303
CHR2	5395983	CHR2:5395983	SSF x Far_LoA	-9,39364857	0,120	0,290
CHR2	5396007	CHR2:5396007	SSF x Far_LoA	-10,4851316	-0,072	0,303
CHR2	5396008	CHR2:5396008	SSF x Far_LoA	-7,60728751	-0,065	0,309
CHR2	5396097	CHR2:5396097	SSF x Far_LoA	-10,1374346	-0,004	0,307
CHR2	5400112	CHR2:5400112	SSF x Far_LoA	-8,74420707	-0,015	0,290
CHR2	5400124	CHR2:5400124	SSF x Far_LoA	-8,74302514	-0,031	0,309
CHR2	5400229	CHR2:5400229	SSF x Far_LoA	-11,4581995	-0,022	0,317
CHR2	5434138	CHR2:5434138	SSF x Far_LoA	-9,25774463	-0,001	0,295
CHR2	5434219	CHR2:5434219	SSF x Far_LoA	-9,88616091	0,001	0,312
CHR2	5434223	CHR2:5434223	SSF x Far_LoA	-8,8539642	0,001	0,312
CHR2	5434250	CHR2:5434250	SSF x Far_LoA	-10,1469723	-0,005	0,317
CHR2	5436378	CHR2:5436378	SSF x Far_LoA	-5,75775969	0,228	0,286
CHR2	5436380	CHR2:5436380	SSF x Far_LoA	-8,47893175	-0,076	0,294
CHR2	5436389	CHR2:5436389	SSF x Far_LoA	-8,94364983	0,003	0,316
CHR2	5436398	CHR2:5436398	SSF x Far_LoA	2,59368647	0,224	0,288
CHR2	5436432	CHR2:5436432	SSF x Far_LoA	-9,72966118	-0,161	0,299
CHR2	5436436	CHR2:5436436	SSF x Far_LoA	-3,74021452	0,204	0,280
CHR2	5436538	CHR2:5436538	SSF x Far_LoA	-10,6541801	-0,062	0,311
CHR2	5436569	CHR2:5436569	SSF x Far_LoA	-10,6326162	0,039	0,301
CHR2	5436574	CHR2:5436574	SSF x Far_LoA	-9,33989709	-0,073	0,312
CHR2	5436585	CHR2:5436585	SSF x Far_LoA	8,2192971	-0,264	0,283
CHR2	5438497	CHR2:5438497	SSF x Far_LoA	-10,0810005	0,151	0,292

CHR2	5439263	CHR2:5439263	SSF x Far_LoA	-11,6672489	0,055	0,305
CHR2	5439294	CHR2:5439294	SSF x Far_LoA	-9,04190489	0,020	0,321
CHR2	5439328	CHR2:5439328	SSF x Far_LoA	-9,09115575	-0,004	0,311
CHR2	5444338	CHR2:5444338	SSF x Far_LoA	-1,68453142	0,075	0,299
CHR2	5444341	CHR2:5444341	SSF x Far_LoA	-11,0941316	-0,032	0,313
CHR2	5444381	CHR2:5444381	SSF x Far_LoA	-7,88939588	0,087	0,306
CHR2	5444389	CHR2:5444389	SSF x Far_LoA	-8,68526976	0,073	0,321
CHR2	5444390	CHR2:5444390	SSF x Far_LoA	-8,50358729	0,076	0,301
CHR2	5444398	CHR2:5444398	SSF x Far_LoA	-8,62027765	0,122	0,301
CHR2	5450636	CHR2:5450636	SSF x Far_LoA	-11,8452779	0,021	0,291
CHR2	5467239	CHR2:5467239	SSF x Far_LoA	-6,89662327	0,071	0,304
CHR2	5467543	CHR2:5467543	SSF x Far_LoA	-8,69111504	-0,157	0,292
CHR2	5471902	CHR2:5471902	SSF x Far_LoA	-9,95732309	-0,110	0,301
CHR2	5471969	CHR2:5471969	SSF x Far_LoA	-10,0595809	0,074	0,309
CHR2	5472014	CHR2:5472014	SSF x Far_LoA	-9,83049471	0,084	0,293
CHR2	5473292	CHR2:5473292	SSF x Far_LoA	-9,76686291	0,049	0,310
CHR2	5473303	CHR2:5473303	SSF x Far_LoA	-9,28495906	0,093	0,302
CHR2	5473433	CHR2:5473433	SSF x Far_LoA	-7,3459572	0,062	0,301
CHR2	5483815	CHR2:5483815	SSF x Far_LoA	-10,2996047	-0,018	0,306
CHR2	5483816	CHR2:5483816	SSF x Far_LoA	-9,4653103	-0,015	0,308
CHR2	5483949	CHR2:5483949	SSF x Far_LoA	-9,98269599	-0,036	0,305
CHR2	5483952	CHR2:5483952	SSF x Far_LoA	-11,1199415	0,003	0,304
CHR2	5484166	CHR2:5484166	SSF x Far_LoA	-9,70832496	-0,015	0,306
CHR2	5484179	CHR2:5484179	SSF x Far_LoA	-7,09612757	0,038	0,314
CHR2	5484186	CHR2:5484186	SSF x Far_LoA	-9,66245829	0,037	0,311
CHR2	5484232	CHR2:5484232	SSF x Far_LoA	-7,48898733	-0,087	0,301
CHR2	5484284	CHR2:5484284	SSF x Far_LoA	-9,51874124	0,019	0,301
CHR2	5488919	CHR2:5488919	SSF x Far_LoA	-8,6927758	-0,033	0,304
CHR2	5488931	CHR2:5488931	SSF x Far_LoA	-8,51573947	0,109	0,296
CHR2	5488954	CHR2:5488954	SSF x Far_LoA	-11,245792	-0,029	0,294
CHR2	5489036	CHR2:5489036	SSF x Far_LoA	-9,0072015	-0,084	0,305
CHR2	5489216	CHR2:5489216	SSF x Far_LoA	-10,0399307	-0,117	0,306
CHR2	5489220	CHR2:5489220	SSF x Far_LoA	-8,54144343	-0,041	0,307
CHR2	5489252	CHR2:5489252	SSF x Far_LoA	-11,672099	0,002	0,314
CHR2	5489279	CHR2:5489279	SSF x Far_LoA	-9,46778047	0,042	0,308
CHR2	5489282	CHR2:5489282	SSF x Far_LoA	-9,68363643	0,009	0,308
CHR2	5489286	CHR2:5489286	SSF x Far_LoA	-9,36130366	0,038	0,304
CHR2	5489293	CHR2:5489293	SSF x Far_LoA	-9,1613356	0,035	0,303
CHR2	5489296	CHR2:5489296	SSF x Far_LoA	-9,11917058	-0,035	0,309
CHR2	5492942	CHR2:5492942	SSF x Far_LoA	-9,56392154	0,009	0,296
CHR2	5492957	CHR2:5492957	SSF x Far_LoA	-11,9218911	0,039	0,310
CHR2	5492967	CHR2:5492967	SSF x Far_LoA	-7,50682292	0,054	0,320
CHR2	5492969	CHR2:5492969	SSF x Far_LoA	-6,48733055	-0,068	0,299
CHR2	5493069	CHR2:5493069	SSF x Far_LoA	-8,8722482	-0,093	0,326
CHR2	5514125	CHR2:5514125	SSF x Far_LoA	-11,6206424	-0,009	0,310
CHR2	5514145	CHR2:5514145	SSF x Far_LoA	-10,654888	-0,085	0,305
CHR2	5519775	CHR2:5519775	SSF x Far_LoA	-9,13865433	0,048	0,300
CHR2	5519787	CHR2:5519787	SSF x Far_LoA	-8,97117975	-0,002	0,294
CHR2	5519828	CHR2:5519828	SSF x Far_LoA	-10,336021	0,072	0,307
CHR2	5519887	CHR2:5519887	SSF x Far_LoA	-3,11018473	-0,044	0,312
CHR2	5519942	CHR2:5519942	SSF x Far_LoA	-8,1759019	0,006	0,303
CHR2	5520024	CHR2:5520024	SSF x Far_LoA	-10,5321561	-0,030	0,306
CHR2	5523797	CHR2:5523797	SSF x Far_LoA	-10,3204733	0,065	0,296

CHR2	5565761	CHR2:5565761	SSF x Far_LoA	-11,7953002	-0,016	0,302
CHR2	5565794	CHR2:5565794	SSF x Far_LoA	-0,40362483	-0,220	0,274
CHR2	5565890	CHR2:5565890	SSF x Far_LoA	-11,8010901	-0,021	0,305
CHR2	5565898	CHR2:5565898	SSF x Far_LoA	-1,03866426	-0,156	0,303
CHR2	5587714	CHR2:5587714	SSF x Far_LoA	-12,1814121	-0,010	0,297
CHR2	5587790	CHR2:5587790	SSF x Far_LoA	-6,32314319	-0,051	0,301
CHR2	5590822	CHR2:5590822	SSF x Far_LoA	-10,9239972	-0,034	0,289
CHR2	5592073	CHR2:5592073	SSF x Far_LoA	-9,25403901	-0,045	0,327
CHR2	5592228	CHR2:5592228	SSF x Far_LoA	-8,01599476	-0,081	0,303
CHR2	5592274	CHR2:5592274	SSF x Far_LoA	-9,33922283	0,002	0,311
CHR2	55924	CHR2:55924	SSF x Far_LoA	-8,97453439	0,027	0,326
CHR2	5604595	CHR2:5604595	SSF x Far_LoA	-11,6279619	0,040	0,291
CHR2	5604613	CHR2:5604613	SSF x Far_LoA	-10,750074	-0,085	0,317
CHR2	5604653	CHR2:5604653	SSF x Far_LoA	-9,51856266	0,056	0,317
CHR2	5604853	CHR2:5604853	SSF x Far_LoA	-5,88184658	0,112	0,311
CHR2	5604867	CHR2:5604867	SSF x Far_LoA	-2,74240545	-0,134	0,298
CHR2	5604895	CHR2:5604895	SSF x Far_LoA	-11,7884213	-0,026	0,293
CHR2	5604902	CHR2:5604902	SSF x Far_LoA	-8,00612398	-0,069	0,308
CHR2	5618415	CHR2:5618415	SSF x Far_LoA	-9,60906985	0,031	0,309
CHR2	5618493	CHR2:5618493	SSF x Far_LoA	-8,42384793	0,051	0,313
CHR2	5618566	CHR2:5618566	SSF x Far_LoA	-10,7488844	-0,071	0,303
CHR2	5624599	CHR2:5624599	SSF x Far_LoA	-10,890125	0,050	0,299
CHR2	5624638	CHR2:5624638	SSF x Far_LoA	-7,23584448	-0,112	0,311
CHR2	5624677	CHR2:5624677	SSF x Far_LoA	-10,1907962	0,000	0,312
CHR2	5625864	CHR2:5625864	SSF x Far_LoA	-9,03482176	0,078	0,305
CHR2	5631345	CHR2:5631345	SSF x Far_LoA	-8,17917093	-0,093	0,312
CHR2	5631489	CHR2:5631489	SSF x Far_LoA	-8,23018701	0,119	0,307
CHR2	5631511	CHR2:5631511	SSF x Far_LoA	-11,2096514	0,031	0,304
CHR2	564983	CHR2:564983	SSF x Far_LoA	-9,82686341	-0,020	0,310
CHR2	5652145	CHR2:5652145	SSF x Far_LoA	-11,498654	-0,028	0,299
CHR2	5668453	CHR2:5668453	SSF x Far_LoA	-9,20640414	-0,041	0,317
CHR2	5668467	CHR2:5668467	SSF x Far_LoA	-4,68332121	0,004	0,296
CHR2	5675485	CHR2:5675485	SSF x Far_LoA	-8,25782395	-0,009	0,313
CHR2	5676466	CHR2:5676466	SSF x Far_LoA	-9,31701566	0,003	0,311
CHR2	5676640	CHR2:5676640	SSF x Far_LoA	-8,1308667	-0,040	0,320
CHR2	5676725	CHR2:5676725	SSF x Far_LoA	-7,61379653	0,069	0,301
CHR2	5680057	CHR2:5680057	SSF x Far_LoA	-7,85640712	-0,117	0,315
CHR2	5680116	CHR2:5680116	SSF x Far_LoA	-9,44372863	0,082	0,287
CHR2	5680117	CHR2:5680117	SSF x Far_LoA	-7,88578309	0,058	0,309
CHR2	5680164	CHR2:5680164	SSF x Far_LoA	-8,7100615	0,070	0,310
CHR2	5680169	CHR2:5680169	SSF x Far_LoA	-7,86752895	0,150	0,291
CHR2	5680188	CHR2:5680188	SSF x Far_LoA	-9,53482079	0,015	0,299
CHR2	5680192	CHR2:5680192	SSF x Far_LoA	-11,9123183	-0,011	0,293
CHR2	5680195	CHR2:5680195	SSF x Far_LoA	-10,9784301	-0,004	0,304
CHR2	5680201	CHR2:5680201	SSF x Far_LoA	-8,13386279	-0,073	0,296
CHR2	5680206	CHR2:5680206	SSF x Far_LoA	-6,28147356	0,024	0,307
CHR2	5689978	CHR2:5689978	SSF x Far_LoA	-8,89535871	-0,002	0,310
CHR2	5690103	CHR2:5690103	SSF x Far_LoA	-5,06586933	-0,200	0,315
CHR2	5690213	CHR2:5690213	SSF x Far_LoA	-5,9448598	-0,202	0,286
CHR2	5690232	CHR2:5690232	SSF x Far_LoA	-8,81843571	0,074	0,313
CHR2	5690241	CHR2:5690241	SSF x Far_LoA	-10,9015737	0,049	0,311
CHR2	5690245	CHR2:5690245	SSF x Far_LoA	-6,47474174	-0,202	0,310
CHR2	5690274	CHR2:5690274	SSF x Far_LoA	-10,6098214	0,041	0,316

CHR2	5690311	CHR2:5690311	SSF x Far_LoA	-10,5950815	-0,005	0,309
CHR2	5690340	CHR2:5690340	SSF x Far_LoA	-9,12792398	-0,022	0,285
CHR2	5698286	CHR2:5698286	SSF x Far_LoA	-10,8638739	0,038	0,294
CHR2	5698335	CHR2:5698335	SSF x Far_LoA	-11,2676782	0,071	0,316
CHR2	5698368	CHR2:5698368	SSF x Far_LoA	-11,4173931	-0,003	0,303
CHR2	5704875	CHR2:5704875	SSF x Far_LoA	-8,34267667	0,082	0,292
CHR2	5704888	CHR2:5704888	SSF x Far_LoA	-8,50828644	0,005	0,299
CHR2	5704932	CHR2:5704932	SSF x Far_LoA	-7,99097076	0,002	0,314
CHR2	5704942	CHR2:5704942	SSF x Far_LoA	-8,08463672	-0,076	0,306
CHR2	5705595	CHR2:5705595	SSF x Far_LoA	-7,38211279	0,093	0,300
CHR2	571161	CHR2:571161	SSF x Far_LoA	-7,00227297	0,021	0,314
CHR2	571329	CHR2:571329	SSF x Far_LoA	-8,2115925	-0,070	0,298
CHR2	571540	CHR2:571540	SSF x Far_LoA	-9,4050841	-0,078	0,297
CHR2	5728333	CHR2:5728333	SSF x Far_LoA	-10,0248465	-0,004	0,300
CHR2	5728391	CHR2:5728391	SSF x Far_LoA	-8,95087367	0,091	0,308
CHR2	5732596	CHR2:5732596	SSF x Far_LoA	-10,6356161	0,024	0,300
CHR2	5732620	CHR2:5732620	SSF x Far_LoA	-8,3264595	-0,051	0,302
CHR2	5732621	CHR2:5732621	SSF x Far_LoA	-10,2267942	-0,044	0,308
CHR2	5732632	CHR2:5732632	SSF x Far_LoA	-9,70882387	0,022	0,308
CHR2	5732941	CHR2:5732941	SSF x Far_LoA	-9,43253218	-0,030	0,303
CHR2	5732953	CHR2:5732953	SSF x Far_LoA	-5,39036073	0,124	0,299
CHR2	5732959	CHR2:5732959	SSF x Far_LoA	-8,84823671	-0,040	0,311
CHR2	5732967	CHR2:5732967	SSF x Far_LoA	-10,5069461	-0,064	0,294
CHR2	5732985	CHR2:5732985	SSF x Far_LoA	-10,7629434	0,140	0,290
CHR2	5732986	CHR2:5732986	SSF x Far_LoA	-10,3047266	-0,065	0,304
CHR2	5748875	CHR2:5748875	SSF x Far_LoA	-8,07011055	-0,132	0,285
CHR2	5748942	CHR2:5748942	SSF x Far_LoA	-6,84183598	-0,179	0,278
CHR2	5756422	CHR2:5756422	SSF x Far_LoA	-9,49592791	-0,038	0,285
CHR2	5756427	CHR2:5756427	SSF x Far_LoA	-9,12002168	0,103	0,309
CHR2	5756442	CHR2:5756442	SSF x Far_LoA	-8,29397111	-0,023	0,304
CHR2	5756451	CHR2:5756451	SSF x Far_LoA	-11,011734	0,018	0,312
CHR2	5756476	CHR2:5756476	SSF x Far_LoA	-11,0585072	0,065	0,299
CHR2	5756525	CHR2:5756525	SSF x Far_LoA	-5,83718718	-0,079	0,304
CHR2	5756539	CHR2:5756539	SSF x Far_LoA	-3,78933149	-0,021	0,318
CHR2	5759747	CHR2:5759747	SSF x Far_LoA	-8,16028661	-0,046	0,318
CHR2	5759829	CHR2:5759829	SSF x Far_LoA	-10,7261081	-0,090	0,306
CHR2	5759831	CHR2:5759831	SSF x Far_LoA	-7,76083135	0,224	0,306
CHR2	5765641	CHR2:5765641	SSF x Far_LoA	-2,85813381	0,120	0,309
CHR2	5772714	CHR2:5772714	SSF x Far_LoA	-2,29543277	-0,143	0,287
CHR2	5773009	CHR2:5773009	SSF x Far_LoA	-10,8451867	-0,013	0,306
CHR2	5779785	CHR2:5779785	SSF x Far_LoA	-7,08243248	0,101	0,310
CHR2	5779814	CHR2:5779814	SSF x Far_LoA	-12,5244626	-0,049	0,303
CHR2	5779875	CHR2:5779875	SSF x Far_LoA	-10,2868572	-0,026	0,317
CHR2	5779902	CHR2:5779902	SSF x Far_LoA	-7,30457265	-0,036	0,311
CHR2	5779908	CHR2:5779908	SSF x Far_LoA	-11,0815715	-0,043	0,301
CHR2	5779913	CHR2:5779913	SSF x Far_LoA	-10,9277376	-0,036	0,303
CHR2	5779914	CHR2:5779914	SSF x Far_LoA	-8,59412088	-0,043	0,292
CHR2	5779935	CHR2:5779935	SSF x Far_LoA	-10,8569741	0,076	0,311
CHR2	5784785	CHR2:5784785	SSF x Far_LoA	-7,9620942	-0,089	0,316
CHR2	5784854	CHR2:5784854	SSF x Far_LoA	-7,06036212	-0,162	0,309
CHR2	5784890	CHR2:5784890	SSF x Far_LoA	1,3491393	0,062	0,306
CHR2	5786501	CHR2:5786501	SSF x Far_LoA	-9,12559719	0,060	0,306
CHR2	5788975	CHR2:5788975	SSF x Far_LoA	-2,94985164	-0,149	0,296

CHR2	5788993	CHR2:5788993	SSF x Far_LoA	-5,93601219	0,182	0,294
CHR2	5788996	CHR2:5788996	SSF x Far_LoA	-2,50202423	0,202	0,303
CHR2	5789018	CHR2:5789018	SSF x Far_LoA	-11,8122773	0,071	0,306
CHR2	5789069	CHR2:5789069	SSF x Far_LoA	-9,4327744	0,045	0,309
CHR2	5789094	CHR2:5789094	SSF x Far_LoA	-8,08989273	0,154	0,304
CHR2	5792179	CHR2:5792179	SSF x Far_LoA	-9,67821068	0,035	0,314
CHR2	5792372	CHR2:5792372	SSF x Far_LoA	-7,88703471	-0,175	0,314
CHR2	5792381	CHR2:5792381	SSF x Far_LoA	-8,29606706	0,033	0,298
CHR2	5795513	CHR2:5795513	SSF x Far_LoA	-10,4351341	-0,007	0,312
CHR2	5795546	CHR2:5795546	SSF x Far_LoA	-10,7882534	-0,039	0,308
CHR2	5796768	CHR2:5796768	SSF x Far_LoA	-9,57152884	0,030	0,312
CHR2	5796918	CHR2:5796918	SSF x Far_LoA	-9,26721761	-0,079	0,296
CHR2	5796988	CHR2:5796988	SSF x Far_LoA	-11,1101199	-0,019	0,308
CHR2	5796991	CHR2:5796991	SSF x Far_LoA	-8,0044701	-0,047	0,313
CHR2	5797014	CHR2:5797014	SSF x Far_LoA	-11,0289918	0,075	0,300
CHR2	5805160	CHR2:5805160	SSF x Far_LoA	-8,45591956	-0,093	0,298
CHR2	5809112	CHR2:5809112	SSF x Far_LoA	-8,07454017	-0,027	0,305
CHR2	5809218	CHR2:5809218	SSF x Far_LoA	-10,8877896	0,050	0,319
CHR2	5815425	CHR2:5815425	SSF x Far_LoA	-10,2154341	-0,064	0,309
CHR2	5815446	CHR2:5815446	SSF x Far_LoA	-11,2083334	-0,100	0,308
CHR2	5815473	CHR2:5815473	SSF x Far_LoA	-10,7588386	-0,057	0,311
CHR2	5835264	CHR2:5835264	SSF x Far_LoA	-10,4098683	-0,065	0,295
CHR2	5835314	CHR2:5835314	SSF x Far_LoA	-8,49561083	-0,046	0,300
CHR2	5835317	CHR2:5835317	SSF x Far_LoA	-8,14116854	-0,041	0,306
CHR2	5835322	CHR2:5835322	SSF x Far_LoA	-7,56729687	0,158	0,307
CHR2	5835326	CHR2:5835326	SSF x Far_LoA	-6,20944474	0,117	0,307
CHR2	5835335	CHR2:5835335	SSF x Far_LoA	-8,3526151	0,107	0,288
CHR2	5835341	CHR2:5835341	SSF x Far_LoA	-7,24550829	0,130	0,297
CHR2	5835371	CHR2:5835371	SSF x Far_LoA	-7,16860845	-0,137	0,306
CHR2	5835386	CHR2:5835386	SSF x Far_LoA	-11,452767	-0,009	0,296
CHR2	5835389	CHR2:5835389	SSF x Far_LoA	-9,82036687	-0,020	0,296
CHR2	5835487	CHR2:5835487	SSF x Far_LoA	-10,7310683	0,030	0,295
CHR2	5835495	CHR2:5835495	SSF x Far_LoA	-10,2291787	0,072	0,306
CHR2	5835519	CHR2:5835519	SSF x Far_LoA	-8,32080924	-0,059	0,310
CHR2	5846635	CHR2:5846635	SSF x Far_LoA	-10,366528	-0,058	0,307
CHR2	5850962	CHR2:5850962	SSF x Far_LoA	-9,36669966	0,039	0,302
CHR2	5851020	CHR2:5851020	SSF x Far_LoA	-9,37826165	0,012	0,293
CHR2	5851096	CHR2:5851096	SSF x Far_LoA	-8,52061756	-0,062	0,318
CHR2	5852860	CHR2:5852860	SSF x Far_LoA	-11,3221857	0,093	0,316
CHR2	5856773	CHR2:5856773	SSF x Far_LoA	-9,39453012	0,098	0,310
CHR2	5856781	CHR2:5856781	SSF x Far_LoA	-10,4134263	-0,032	0,320
CHR2	5856799	CHR2:5856799	SSF x Far_LoA	-11,751377	0,011	0,302
CHR2	5856823	CHR2:5856823	SSF x Far_LoA	-10,9310901	-0,048	0,311
CHR2	5856834	CHR2:5856834	SSF x Far_LoA	-2,60490068	-0,092	0,302
CHR2	5856873	CHR2:5856873	SSF x Far_LoA	-6,32762996	0,084	0,316
CHR2	5857735	CHR2:5857735	SSF x Far_LoA	-9,51575212	0,102	0,319
CHR2	5857755	CHR2:5857755	SSF x Far_LoA	-1,98325106	0,070	0,302
CHR2	5857760	CHR2:5857760	SSF x Far_LoA	-8,32683448	0,114	0,313
CHR2	587446	CHR2:587446	SSF x Far_LoA	-12,0505925	-0,031	0,283
CHR2	587464	CHR2:587464	SSF x Far_LoA	-11,2092004	-0,058	0,298
CHR2	5874716	CHR2:5874716	SSF x Far_LoA	-8,85760243	0,018	0,308
CHR2	5874717	CHR2:5874717	SSF x Far_LoA	-7,69513643	0,052	0,296
CHR2	5874732	CHR2:5874732	SSF x Far_LoA	-8,03515203	0,004	0,306

CHR2	5874761	CHR2:5874761	SSF x Far_LoA	-7,22232291	-0,139	0,314
CHR2	5874777	CHR2:5874777	SSF x Far_LoA	-9,41895309	-0,020	0,311
CHR2	5878916	CHR2:5878916	SSF x Far_LoA	-9,90994161	-0,018	0,305
CHR2	5878999	CHR2:5878999	SSF x Far_LoA	-10,8332006	-0,043	0,323
CHR2	5879005	CHR2:5879005	SSF x Far_LoA	-11,8821809	0,004	0,306
CHR2	5879019	CHR2:5879019	SSF x Far_LoA	-8,83390843	0,006	0,316
CHR2	5887402	CHR2:5887402	SSF x Far_LoA	-9,76644404	0,079	0,303
CHR2	5887425	CHR2:5887425	SSF x Far_LoA	-11,0294611	0,012	0,295
CHR2	5887428	CHR2:5887428	SSF x Far_LoA	-11,3933816	0,111	0,296
CHR2	5891373	CHR2:5891373	SSF x Far_LoA	-10,3882879	0,127	0,303
CHR2	5891381	CHR2:5891381	SSF x Far_LoA	-8,22865745	0,027	0,308
CHR2	5891435	CHR2:5891435	SSF x Far_LoA	-9,46961345	0,007	0,299
CHR2	5891450	CHR2:5891450	SSF x Far_LoA	-10,7719965	0,082	0,298
CHR2	5891451	CHR2:5891451	SSF x Far_LoA	-7,91314807	0,125	0,288
CHR2	5897031	CHR2:5897031	SSF x Far_LoA	-6,9532403	0,112	0,306
CHR2	5897063	CHR2:5897063	SSF x Far_LoA	-9,25933254	-0,013	0,319
CHR2	5899440	CHR2:5899440	SSF x Far_LoA	-10,3984881	0,037	0,302
CHR2	5904139	CHR2:5904139	SSF x Far_LoA	-6,1277675	-0,071	0,300
CHR2	5904169	CHR2:5904169	SSF x Far_LoA	-10,8523817	0,088	0,311
CHR2	5904190	CHR2:5904190	SSF x Far_LoA	-7,64152995	0,056	0,312
CHR2	5904265	CHR2:5904265	SSF x Far_LoA	-9,79406911	-0,051	0,304
CHR2	5904360	CHR2:5904360	SSF x Far_LoA	2,99048009	-0,180	0,290
CHR2	5904361	CHR2:5904361	SSF x Far_LoA	-8,96687884	-0,122	0,298
CHR2	5924723	CHR2:5924723	SSF x Far_LoA	-10,5909403	0,020	0,308
CHR2	5924748	CHR2:5924748	SSF x Far_LoA	-3,37216682	0,171	0,288
CHR2	5933719	CHR2:5933719	SSF x Far_LoA	-9,21874485	0,036	0,297
CHR2	5933723	CHR2:5933723	SSF x Far_LoA	-9,14761737	0,063	0,306
CHR2	5933813	CHR2:5933813	SSF x Far_LoA	-9,19525357	0,042	0,313
CHR2	5951693	CHR2:5951693	SSF x Far_LoA	-11,0151351	0,089	0,316
CHR2	5951711	CHR2:5951711	SSF x Far_LoA	-10,4724675	0,031	0,325
CHR2	5951775	CHR2:5951775	SSF x Far_LoA	-8,69957991	-0,039	0,327
CHR2	5951789	CHR2:5951789	SSF x Far_LoA	-9,5122538	0,028	0,297
CHR2	5951827	CHR2:5951827	SSF x Far_LoA	-8,47513454	-0,020	0,308
CHR2	5951839	CHR2:5951839	SSF x Far_LoA	-5,42128418	-0,017	0,305
CHR2	5951909	CHR2:5951909	SSF x Far_LoA	-9,09562894	0,028	0,323
CHR2	5951920	CHR2:5951920	SSF x Far_LoA	-8,34370581	-0,019	0,307
CHR2	5953430	CHR2:5953430	SSF x Far_LoA	-9,51153872	0,008	0,304
CHR2	5953442	CHR2:5953442	SSF x Far_LoA	-8,14439001	0,113	0,295
CHR2	5958014	CHR2:5958014	SSF x Far_LoA	-9,36921579	-0,047	0,297
CHR2	5958033	CHR2:5958033	SSF x Far_LoA	-8,93951269	-0,118	0,298
CHR2	5961299	CHR2:5961299	SSF x Far_LoA	-6,72795718	0,072	0,301
CHR2	5961309	CHR2:5961309	SSF x Far_LoA	-5,93010169	0,144	0,297
CHR2	5961313	CHR2:5961313	SSF x Far_LoA	-9,39803024	-0,021	0,311
CHR2	5961334	CHR2:5961334	SSF x Far_LoA	-6,44991604	0,126	0,300
CHR2	5961350	CHR2:5961350	SSF x Far_LoA	-7,7769371	0,085	0,308
CHR2	5961409	CHR2:5961409	SSF x Far_LoA	-11,0210664	-0,024	0,309
CHR2	5961449	CHR2:5961449	SSF x Far_LoA	-8,51127048	-0,096	0,295
CHR2	5961458	CHR2:5961458	SSF x Far_LoA	-9,474949	-0,043	0,322
CHR2	5961459	CHR2:5961459	SSF x Far_LoA	-9,78078451	-0,078	0,312
CHR2	5961489	CHR2:5961489	SSF x Far_LoA	-10,4285345	0,052	0,310
CHR2	5961533	CHR2:5961533	SSF x Far_LoA	-11,043672	-0,047	0,306
CHR2	5961539	CHR2:5961539	SSF x Far_LoA	-10,9367711	0,018	0,314
CHR2	5963431	CHR2:5963431	SSF x Far_LoA	-9,23043401	0,124	0,295

CHR2	5963444	CHR2:5963444	SSF x Far_LoA	-7,42327054	0,146	0,308
CHR2	5963491	CHR2:5963491	SSF x Far_LoA	-9,33842983	0,147	0,305
CHR2	5963510	CHR2:5963510	SSF x Far_LoA	-10,6433954	-0,049	0,301
CHR2	5963532	CHR2:5963532	SSF x Far_LoA	-8,61575158	-0,049	0,308
CHR2	5963536	CHR2:5963536	SSF x Far_LoA	-10,1365823	0,025	0,319
CHR2	5963584	CHR2:5963584	SSF x Far_LoA	-9,887195	-0,050	0,311
CHR2	596863	CHR2:596863	SSF x Far_LoA	-9,17964215	0,010	0,307
CHR2	596923	CHR2:596923	SSF x Far_LoA	-8,71373934	0,065	0,282
CHR2	597055	CHR2:597055	SSF x Far_LoA	-9,40586845	0,005	0,309
CHR2	5974555	CHR2:5974555	SSF x Far_LoA	-10,0315051	0,071	0,304
CHR2	5974589	CHR2:5974589	SSF x Far_LoA	-7,3478741	0,170	0,295
CHR2	5974599	CHR2:5974599	SSF x Far_LoA	-11,3056375	0,128	0,295
CHR2	5974619	CHR2:5974619	SSF x Far_LoA	-8,13692333	-0,123	0,308
CHR2	5974667	CHR2:5974667	SSF x Far_LoA	-5,56086473	0,087	0,299
CHR2	5974702	CHR2:5974702	SSF x Far_LoA	-8,22040702	-0,018	0,301
CHR2	5974727	CHR2:5974727	SSF x Far_LoA	-11,1821252	0,034	0,312
CHR2	5974733	CHR2:5974733	SSF x Far_LoA	-11,9118221	0,016	0,315
CHR2	5974742	CHR2:5974742	SSF x Far_LoA	-10,5120673	0,033	0,294
CHR2	5974782	CHR2:5974782	SSF x Far_LoA	-11,6269627	0,021	0,296
CHR2	5980695	CHR2:5980695	SSF x Far_LoA	-9,11990818	0,057	0,304
CHR2	5995003	CHR2:5995003	SSF x Far_LoA	-8,94260204	0,047	0,299
CHR2	5995013	CHR2:5995013	SSF x Far_LoA	-8,1615841	0,174	0,303
CHR2	5995021	CHR2:5995021	SSF x Far_LoA	-8,65751779	0,069	0,310
CHR2	5995034	CHR2:5995034	SSF x Far_LoA	-8,14290287	0,079	0,304
CHR2	5995047	CHR2:5995047	SSF x Far_LoA	-9,06079944	0,065	0,305
CHR2	5996842	CHR2:5996842	SSF x Far_LoA	-0,13370595	0,032	0,314
CHR2	5996922	CHR2:5996922	SSF x Far_LoA	-5,25149285	-0,034	0,311
CHR2	6005325	CHR2:6005325	SSF x Far_LoA	-8,48475891	-0,045	0,301
CHR2	6005361	CHR2:6005361	SSF x Far_LoA	-6,57133653	-0,048	0,320
CHR2	6005401	CHR2:6005401	SSF x Far_LoA	-9,57872204	0,009	0,306
CHR2	6018624	CHR2:6018624	SSF x Far_LoA	-11,5000089	0,067	0,305
CHR2	6018686	CHR2:6018686	SSF x Far_LoA	-9,92757825	-0,015	0,305
CHR2	6018721	CHR2:6018721	SSF x Far_LoA	-5,52969776	-0,214	0,272
CHR2	6022734	CHR2:6022734	SSF x Far_LoA	-5,48045865	0,034	0,306
CHR2	6022747	CHR2:6022747	SSF x Far_LoA	-8,65268629	0,007	0,305
CHR2	6022860	CHR2:6022860	SSF x Far_LoA	-11,0069738	0,043	0,302
CHR2	6022989	CHR2:6022989	SSF x Far_LoA	-10,9451349	0,018	0,296
CHR2	6026736	CHR2:6026736	SSF x Far_LoA	-8,95155511	-0,092	0,315
CHR2	6026784	CHR2:6026784	SSF x Far_LoA	-10,9309944	0,045	0,299
CHR2	6026852	CHR2:6026852	SSF x Far_LoA	-9,34924438	0,066	0,316
CHR2	6028883	CHR2:6028883	SSF x Far_LoA	-8,47081615	-0,100	0,299
CHR2	6030821	CHR2:6030821	SSF x Far_LoA	-9,46861846	0,002	0,311
CHR2	6030835	CHR2:6030835	SSF x Far_LoA	-7,94515581	0,124	0,294
CHR2	6030845	CHR2:6030845	SSF x Far_LoA	-9,75671795	0,031	0,304
CHR2	6030871	CHR2:6030871	SSF x Far_LoA	-5,23629802	-0,014	0,313
CHR2	6030967	CHR2:6030967	SSF x Far_LoA	-9,06957644	0,008	0,305
CHR2	6033870	CHR2:6033870	SSF x Far_LoA	-8,37955113	0,092	0,310
CHR2	6034582	CHR2:6034582	SSF x Far_LoA	-9,49228343	-0,097	0,303
CHR2	6050578	CHR2:6050578	SSF x Far_LoA	-11,204992	-0,077	0,282
CHR2	6050592	CHR2:6050592	SSF x Far_LoA	-4,411464	-0,018	0,308
CHR2	6050672	CHR2:6050672	SSF x Far_LoA	-8,92788011	0,160	0,300
CHR2	6060966	CHR2:6060966	SSF x Far_LoA	-6,49637165	0,056	0,311
CHR2	6061072	CHR2:6061072	SSF x Far_LoA	-10,01718	0,119	0,297

CHR2	6061096	CHR2:6061096	SSF x Far_LoA	-10,210538	0,000	0,301
CHR2	6061226	CHR2:6061226	SSF x Far_LoA	-7,69101858	-0,175	0,301
CHR2	6062943	CHR2:6062943	SSF x Far_LoA	-11,8469757	0,033	0,309
CHR2	6062953	CHR2:6062953	SSF x Far_LoA	-10,0104093	-0,025	0,311
CHR2	6062969	CHR2:6062969	SSF x Far_LoA	-10,1884283	0,167	0,289
CHR2	6063038	CHR2:6063038	SSF x Far_LoA	-5,64714556	0,101	0,304
CHR2	6063054	CHR2:6063054	SSF x Far_LoA	-1,82920464	0,086	0,316
CHR2	6063073	CHR2:6063073	SSF x Far_LoA	-8,23223646	-0,129	0,303
CHR2	6063122	CHR2:6063122	SSF x Far_LoA	-6,79933297	-0,133	0,310
CHR2	6063172	CHR2:6063172	SSF x Far_LoA	-10,107304	-0,022	0,315
CHR2	6069875	CHR2:6069875	SSF x Far_LoA	-6,95390036	-0,087	0,311
CHR2	6073158	CHR2:6073158	SSF x Far_LoA	-7,12102253	-0,021	0,301
CHR2	6073160	CHR2:6073160	SSF x Far_LoA	-8,69674473	-0,028	0,291
CHR2	6078471	CHR2:6078471	SSF x Far_LoA	-7,35963488	-0,181	0,281
CHR2	6078551	CHR2:6078551	SSF x Far_LoA	-9,10817537	-0,060	0,288
CHR2	6097202	CHR2:6097202	SSF x Far_LoA	-9,49092774	0,077	0,319
CHR2	6097213	CHR2:6097213	SSF x Far_LoA	-9,09098628	-0,014	0,311
CHR2	6097247	CHR2:6097247	SSF x Far_LoA	-12,0127753	-0,041	0,290
CHR2	6097257	CHR2:6097257	SSF x Far_LoA	-8,63846921	-0,014	0,304
CHR2	6097356	CHR2:6097356	SSF x Far_LoA	-9,82492392	0,021	0,287
CHR2	6097372	CHR2:6097372	SSF x Far_LoA	-0,18255948	-0,015	0,301
CHR2	6097374	CHR2:6097374	SSF x Far_LoA	-10,4465986	-0,045	0,301
CHR2	6112460	CHR2:6112460	SSF x Far_LoA	-8,4595442	0,011	0,301
CHR2	6118112	CHR2:6118112	SSF x Far_LoA	-11,1734469	0,021	0,298
CHR2	6118126	CHR2:6118126	SSF x Far_LoA	-10,213679	-0,107	0,311
CHR2	6118127	CHR2:6118127	SSF x Far_LoA	-10,812251	-0,032	0,306
CHR2	6118220	CHR2:6118220	SSF x Far_LoA	-6,96963791	-0,182	0,303
CHR2	6118259	CHR2:6118259	SSF x Far_LoA	-3,98590066	-0,182	0,297
CHR2	6118263	CHR2:6118263	SSF x Far_LoA	-10,7361456	0,097	0,315
CHR2	6118340	CHR2:6118340	SSF x Far_LoA	-8,18666272	0,068	0,321
CHR2	6133483	CHR2:6133483	SSF x Far_LoA	-8,23972843	-0,034	0,297
CHR2	6140669	CHR2:6140669	SSF x Far_LoA	-8,50723422	0,007	0,333
CHR2	6141651	CHR2:6141651	SSF x Far_LoA	-10,9797296	0,049	0,315
CHR2	6141666	CHR2:6141666	SSF x Far_LoA	-11,2574799	0,025	0,319
CHR2	6141783	CHR2:6141783	SSF x Far_LoA	-7,86157489	-0,160	0,309
CHR2	6158990	CHR2:6158990	SSF x Far_LoA	-8,96151556	-0,125	0,311
CHR2	6165665	CHR2:6165665	SSF x Far_LoA	-9,98983435	-0,155	0,301
CHR2	6165748	CHR2:6165748	SSF x Far_LoA	-10,1220142	0,034	0,304
CHR2	6173178	CHR2:6173178	SSF x Far_LoA	-6,50748512	-0,032	0,307
CHR2	6178081	CHR2:6178081	SSF x Far_LoA	-8,02285504	0,150	0,292
CHR2	6178102	CHR2:6178102	SSF x Far_LoA	-7,23101274	0,094	0,312
CHR2	6178123	CHR2:6178123	SSF x Far_LoA	-11,28925	-0,034	0,300
CHR2	6178124	CHR2:6178124	SSF x Far_LoA	-9,657344	0,091	0,308
CHR2	6178142	CHR2:6178142	SSF x Far_LoA	-10,147802	0,001	0,306
CHR2	6178186	CHR2:6178186	SSF x Far_LoA	-8,15264367	0,101	0,297
CHR2	6178189	CHR2:6178189	SSF x Far_LoA	-7,93530812	0,104	0,301
CHR2	6184023	CHR2:6184023	SSF x Far_LoA	-8,94536015	-0,110	0,299
CHR2	6199393	CHR2:6199393	SSF x Far_LoA	-8,62828574	-0,055	0,288
CHR2	6199489	CHR2:6199489	SSF x Far_LoA	-8,4405519	-0,157	0,297
CHR2	6199694	CHR2:6199694	SSF x Far_LoA	-10,0069528	-0,093	0,301
CHR2	620196	CHR2:620196	SSF x Far_LoA	-8,58566183	0,057	0,311
CHR2	620197	CHR2:620197	SSF x Far_LoA	-9,08245687	-0,070	0,314
CHR2	620299	CHR2:620299	SSF x Far_LoA	-9,46071921	-0,044	0,308

CHR2	6213329	CHR2:6213329	SSF x Far_LoA	-8,14256745	0,016	0,314
CHR2	6213343	CHR2:6213343	SSF x Far_LoA	-2,37818308	0,180	0,318
CHR2	6213429	CHR2:6213429	SSF x Far_LoA	-9,67491138	-0,001	0,316
CHR2	6213430	CHR2:6213430	SSF x Far_LoA	-7,59650795	0,007	0,323
CHR2	6213447	CHR2:6213447	SSF x Far_LoA	-5,09370831	-0,180	0,305
CHR2	6213501	CHR2:6213501	SSF x Far_LoA	-10,2873188	-0,031	0,304
CHR2	6234840	CHR2:6234840	SSF x Far_LoA	-10,9940887	0,038	0,313
CHR2	6234873	CHR2:6234873	SSF x Far_LoA	-9,09643086	0,042	0,316
CHR2	6234900	CHR2:6234900	SSF x Far_LoA	-7,92058322	0,071	0,307
CHR2	6234917	CHR2:6234917	SSF x Far_LoA	-8,66178017	0,111	0,303
CHR2	6237833	CHR2:6237833	SSF x Far_LoA	-6,03373559	0,175	0,296
CHR2	6237834	CHR2:6237834	SSF x Far_LoA	-6,38694678	0,199	0,302
CHR2	6237850	CHR2:6237850	SSF x Far_LoA	-12,1791928	-0,054	0,300
CHR2	6237864	CHR2:6237864	SSF x Far_LoA	-9,60794787	0,114	0,295
CHR2	6245529	CHR2:6245529	SSF x Far_LoA	-10,6743101	0,148	0,294
CHR2	6249228	CHR2:6249228	SSF x Far_LoA	-10,1742565	0,050	0,306
CHR2	6249233	CHR2:6249233	SSF x Far_LoA	-8,49426247	0,002	0,301
CHR2	6249677	CHR2:6249677	SSF x Far_LoA	-8,01824592	0,109	0,309
CHR2	6249700	CHR2:6249700	SSF x Far_LoA	-8,75309527	0,164	0,299
CHR2	6249752	CHR2:6249752	SSF x Far_LoA	-11,0139352	-0,030	0,304
CHR2	6251759	CHR2:6251759	SSF x Far_LoA	-10,6426351	-0,026	0,305
CHR2	6254002	CHR2:6254002	SSF x Far_LoA	-9,90451335	-0,036	0,301
CHR2	6258466	CHR2:6258466	SSF x Far_LoA	-12,3316998	0,005	0,304
CHR2	6258537	CHR2:6258537	SSF x Far_LoA	-9,0417827	0,051	0,311
CHR2	6258628	CHR2:6258628	SSF x Far_LoA	-9,94609006	0,114	0,297
CHR2	6258670	CHR2:6258670	SSF x Far_LoA	-10,4245502	0,128	0,303
CHR2	6262354	CHR2:6262354	SSF x Far_LoA	-9,03128856	-0,096	0,309
CHR2	6262385	CHR2:6262385	SSF x Far_LoA	0,3092156	-0,097	0,309
CHR2	6262475	CHR2:6262475	SSF x Far_LoA	-8,417116	0,084	0,305
CHR2	6262483	CHR2:6262483	SSF x Far_LoA	-10,8268721	-0,001	0,308
CHR2	6266623	CHR2:6266623	SSF x Far_LoA	-10,785504	-0,025	0,303
CHR2	6266673	CHR2:6266673	SSF x Far_LoA	-10,0397116	-0,013	0,293
CHR2	6267221	CHR2:6267221	SSF x Far_LoA	-9,62274186	0,187	0,293
CHR2	6271296	CHR2:6271296	SSF x Far_LoA	-10,2245426	0,003	0,292
CHR2	6271325	CHR2:6271325	SSF x Far_LoA	-11,205531	-0,057	0,297
CHR2	6271364	CHR2:6271364	SSF x Far_LoA	-10,2801084	0,005	0,318
CHR2	6271366	CHR2:6271366	SSF x Far_LoA	-11,2564428	0,023	0,310
CHR2	6271375	CHR2:6271375	SSF x Far_LoA	-8,86523174	0,082	0,304
CHR2	6271381	CHR2:6271381	SSF x Far_LoA	-9,74357098	-0,001	0,313
CHR2	6271395	CHR2:6271395	SSF x Far_LoA	-5,78978695	0,035	0,309
CHR2	6271406	CHR2:6271406	SSF x Far_LoA	-8,80466046	0,036	0,308
CHR2	6271466	CHR2:6271466	SSF x Far_LoA	-11,2881858	-0,087	0,292
CHR2	6271470	CHR2:6271470	SSF x Far_LoA	-10,183754	-0,009	0,314
CHR2	6273791	CHR2:6273791	SSF x Far_LoA	-8,23605628	0,111	0,297
CHR2	6273815	CHR2:6273815	SSF x Far_LoA	-8,93781116	-0,068	0,308
CHR2	6273821	CHR2:6273821	SSF x Far_LoA	-8,75877554	0,054	0,307
CHR2	6273830	CHR2:6273830	SSF x Far_LoA	-9,36116491	-0,076	0,311
CHR2	6273879	CHR2:6273879	SSF x Far_LoA	-10,4359203	-0,002	0,311
CHR2	6273906	CHR2:6273906	SSF x Far_LoA	-5,7946124	-0,070	0,309
CHR2	6276012	CHR2:6276012	SSF x Far_LoA	-6,92548618	-0,145	0,277
CHR2	6276078	CHR2:6276078	SSF x Far_LoA	-9,89779694	0,066	0,305
CHR2	6276398	CHR2:6276398	SSF x Far_LoA	-11,1871316	0,069	0,290
CHR2	6276439	CHR2:6276439	SSF x Far_LoA	-8,60909587	-0,061	0,300

CHR2	6299242	CHR2:6299242	SSF x Far_LoA	-11,5504504	0,022	0,308
CHR2	6300473	CHR2:6300473	SSF x Far_LoA	-8,78817483	0,123	0,298
CHR2	6300474	CHR2:6300474	SSF x Far_LoA	-7,21097205	0,115	0,313
CHR2	6307046	CHR2:6307046	SSF x Far_LoA	-7,32496627	-0,022	0,304
CHR2	6307069	CHR2:6307069	SSF x Far_LoA	-8,87179821	-0,021	0,314
CHR2	6307143	CHR2:6307143	SSF x Far_LoA	-5,96119326	-0,158	0,282
CHR2	6307192	CHR2:6307192	SSF x Far_LoA	-8,94206015	-0,014	0,304
CHR2	6307359	CHR2:6307359	SSF x Far_LoA	-10,1443204	-0,012	0,318
CHR2	6313717	CHR2:6313717	SSF x Far_LoA	-9,4785939	0,089	0,307
CHR2	6313763	CHR2:6313763	SSF x Far_LoA	-10,8523323	-0,004	0,318
CHR2	6313776	CHR2:6313776	SSF x Far_LoA	-9,81279499	0,007	0,300
CHR2	6313963	CHR2:6313963	SSF x Far_LoA	-9,08951858	0,023	0,302
CHR2	6313971	CHR2:6313971	SSF x Far_LoA	-10,797915	0,061	0,300
CHR2	6317979	CHR2:6317979	SSF x Far_LoA	-9,93981368	0,031	0,314
CHR2	6318007	CHR2:6318007	SSF x Far_LoA	-7,59232717	0,076	0,311
CHR2	6318014	CHR2:6318014	SSF x Far_LoA	-8,28412941	-0,060	0,308
CHR2	6318032	CHR2:6318032	SSF x Far_LoA	-8,74347157	0,072	0,305
CHR2	6318059	CHR2:6318059	SSF x Far_LoA	-9,5036653	-0,054	0,311
CHR2	6318061	CHR2:6318061	SSF x Far_LoA	-8,5417016	0,009	0,315
CHR2	6326142	CHR2:6326142	SSF x Far_LoA	-8,99071432	-0,034	0,313
CHR2	6326224	CHR2:6326224	SSF x Far_LoA	-7,77073434	0,100	0,303
CHR2	6327307	CHR2:6327307	SSF x Far_LoA	-9,85968899	-0,051	0,307
CHR2	6331059	CHR2:6331059	SSF x Far_LoA	-8,87156504	-0,022	0,304
CHR2	6333086	CHR2:6333086	SSF x Far_LoA	-9,30698796	0,004	0,294
CHR2	6333171	CHR2:6333171	SSF x Far_LoA	-7,78708056	-0,158	0,311
CHR2	6338565	CHR2:6338565	SSF x Far_LoA	-8,15857158	-0,118	0,308
CHR2	6338637	CHR2:6338637	SSF x Far_LoA	-11,2786967	0,036	0,316
CHR2	6338639	CHR2:6338639	SSF x Far_LoA	-8,68184884	0,023	0,303
CHR2	6338886	CHR2:6338886	SSF x Far_LoA	-10,2351072	-0,039	0,315
CHR2	6343910	CHR2:6343910	SSF x Far_LoA	-9,38883687	0,036	0,318
CHR2	6343932	CHR2:6343932	SSF x Far_LoA	-10,7682626	0,047	0,303
CHR2	6343968	CHR2:6343968	SSF x Far_LoA	-9,98328421	-0,062	0,307
CHR2	6343978	CHR2:6343978	SSF x Far_LoA	-11,5339774	-0,023	0,310
CHR2	6360235	CHR2:6360235	SSF x Far_LoA	-11,7029747	-0,016	0,302
CHR2	6360331	CHR2:6360331	SSF x Far_LoA	-11,3575301	0,007	0,306
CHR2	6377885	CHR2:6377885	SSF x Far_LoA	-4,47162045	-0,122	0,322
CHR2	638347	CHR2:638347	SSF x Far_LoA	-11,1072644	-0,001	0,297
CHR2	638351	CHR2:638351	SSF x Far_LoA	-9,59068873	0,026	0,320
CHR2	638352	CHR2:638352	SSF x Far_LoA	-9,01575302	0,054	0,320
CHR2	6390223	CHR2:6390223	SSF x Far_LoA	-10,5391746	0,028	0,297
CHR2	6390260	CHR2:6390260	SSF x Far_LoA	-8,04302682	0,085	0,321
CHR2	6412549	CHR2:6412549	SSF x Far_LoA	-7,8481035	-0,055	0,314
CHR2	6412610	CHR2:6412610	SSF x Far_LoA	-8,89865211	0,029	0,316
CHR2	6412712	CHR2:6412712	SSF x Far_LoA	-8,49329668	0,008	0,316
CHR2	6414549	CHR2:6414549	SSF x Far_LoA	-8,75694803	0,019	0,308
CHR2	6414615	CHR2:6414615	SSF x Far_LoA	-9,24707621	0,013	0,308
CHR2	6414641	CHR2:6414641	SSF x Far_LoA	-9,72167803	0,103	0,306
CHR2	642292	CHR2:642292	SSF x Far_LoA	-10,9062693	0,036	0,304
CHR2	643236	CHR2:643236	SSF x Far_LoA	-8,81999281	0,086	0,308
CHR2	6441348	CHR2:6441348	SSF x Far_LoA	-10,9962028	-0,054	0,310
CHR2	6441361	CHR2:6441361	SSF x Far_LoA	-7,8270145	0,129	0,308
CHR2	6441366	CHR2:6441366	SSF x Far_LoA	-10,7262154	0,055	0,296
CHR2	6441369	CHR2:6441369	SSF x Far_LoA	-7,8609103	-0,103	0,306

CHR2	6441376	CHR2:6441376	SSF x Far_LoA	-10,8067162	0,092	0,317
CHR2	6441410	CHR2:6441410	SSF x Far_LoA	-8,79459881	0,072	0,294
CHR2	6441477	CHR2:6441477	SSF x Far_LoA	-11,0535673	-0,047	0,303
CHR2	6441523	CHR2:6441523	SSF x Far_LoA	-11,8235625	0,000	0,277
CHR2	6441534	CHR2:6441534	SSF x Far_LoA	-10,5285708	-0,084	0,307
CHR2	6446100	CHR2:6446100	SSF x Far_LoA	-11,7927117	0,056	0,283
CHR2	6451665	CHR2:6451665	SSF x Far_LoA	-6,07614739	-0,136	0,307
CHR2	6451759	CHR2:6451759	SSF x Far_LoA	-11,1847545	-0,003	0,309
CHR2	6451831	CHR2:6451831	SSF x Far_LoA	-7,83803542	-0,128	0,295
CHR2	6454608	CHR2:6454608	SSF x Far_LoA	-8,37715363	-0,055	0,304
CHR2	6467142	CHR2:6467142	SSF x Far_LoA	-5,34327292	0,069	0,312
CHR2	6467905	CHR2:6467905	SSF x Far_LoA	-6,89385101	-0,036	0,316
CHR2	6467972	CHR2:6467972	SSF x Far_LoA	-8,49106146	-0,029	0,312
CHR2	6469574	CHR2:6469574	SSF x Far_LoA	-7,38039036	0,104	0,312
CHR2	6469583	CHR2:6469583	SSF x Far_LoA	-5,63356385	0,118	0,299
CHR2	6469586	CHR2:6469586	SSF x Far_LoA	-8,76339603	0,080	0,310
CHR2	6469664	CHR2:6469664	SSF x Far_LoA	-7,88097841	0,102	0,318
CHR2	6471958	CHR2:6471958	SSF x Far_LoA	-7,9316449	0,011	0,322
CHR2	6472001	CHR2:6472001	SSF x Far_LoA	-12,1367835	-0,008	0,297
CHR2	6472053	CHR2:6472053	SSF x Far_LoA	-8,43328431	0,121	0,304
CHR2	6472061	CHR2:6472061	SSF x Far_LoA	-8,98381548	0,060	0,317
CHR2	6472071	CHR2:6472071	SSF x Far_LoA	-8,87581454	0,077	0,317
CHR2	6472083	CHR2:6472083	SSF x Far_LoA	-9,54206378	-0,010	0,309
CHR2	6485900	CHR2:6485900	SSF x Far_LoA	-10,2102402	0,021	0,311
CHR2	6485979	CHR2:6485979	SSF x Far_LoA	-7,05064215	-0,005	0,308
CHR2	6486090	CHR2:6486090	SSF x Far_LoA	-10,021785	0,051	0,303
CHR2	6490146	CHR2:6490146	SSF x Far_LoA	-10,7841979	-0,083	0,294
CHR2	650746	CHR2:650746	SSF x Far_LoA	-9,64133353	0,034	0,317
CHR2	650760	CHR2:650760	SSF x Far_LoA	-7,95879184	0,126	0,299
CHR2	650776	CHR2:650776	SSF x Far_LoA	-9,34505118	0,042	0,293
CHR2	6517249	CHR2:6517249	SSF x Far_LoA	-10,800951	0,087	0,305
CHR2	6517935	CHR2:6517935	SSF x Far_LoA	-8,75718193	-0,052	0,308
CHR2	6521256	CHR2:6521256	SSF x Far_LoA	-9,29688588	0,060	0,291
CHR2	6530038	CHR2:6530038	SSF x Far_LoA	-10,8154146	-0,073	0,318
CHR2	6531504	CHR2:6531504	SSF x Far_LoA	-8,81548648	-0,046	0,302
CHR2	6536804	CHR2:6536804	SSF x Far_LoA	-10,803497	0,060	0,294
CHR2	6536819	CHR2:6536819	SSF x Far_LoA	-9,26021002	0,069	0,299
CHR2	6536838	CHR2:6536838	SSF x Far_LoA	-10,6079927	-0,091	0,293
CHR2	6536874	CHR2:6536874	SSF x Far_LoA	-10,6816522	-0,061	0,302
CHR2	6536880	CHR2:6536880	SSF x Far_LoA	-9,47359283	-0,025	0,303
CHR2	6539450	CHR2:6539450	SSF x Far_LoA	-10,1679375	-0,002	0,317
CHR2	6545232	CHR2:6545232	SSF x Far_LoA	-11,6437371	0,003	0,281
CHR2	6545238	CHR2:6545238	SSF x Far_LoA	-12,2113759	-0,005	0,292
CHR2	6562635	CHR2:6562635	SSF x Far_LoA	-8,54486842	0,034	0,286
CHR2	6562718	CHR2:6562718	SSF x Far_LoA	-9,25068161	-0,169	0,315
CHR2	6562772	CHR2:6562772	SSF x Far_LoA	-8,89135934	-0,038	0,310
CHR2	6562820	CHR2:6562820	SSF x Far_LoA	-7,12348436	-0,174	0,292
CHR2	6565011	CHR2:6565011	SSF x Far_LoA	-7,32592512	0,042	0,312
CHR2	6569235	CHR2:6569235	SSF x Far_LoA	-7,08356384	-0,011	0,317
CHR2	6573845	CHR2:6573845	SSF x Far_LoA	-9,47597819	0,067	0,304
CHR2	6573901	CHR2:6573901	SSF x Far_LoA	-8,31646712	0,197	0,292
CHR2	6574067	CHR2:6574067	SSF x Far_LoA	-9,89692902	-0,097	0,298
CHR2	6580917	CHR2:6580917	SSF x Far_LoA	10,646325	0,196	0,306

CHR2	6582829	CHR2:6582829	SSF x Far_LoA	-9,53815021	0,148	0,299
CHR2	6588002	CHR2:6588002	SSF x Far_LoA	-10,3411747	-0,007	0,306
CHR2	6588080	CHR2:6588080	SSF x Far_LoA	-8,59744641	-0,058	0,308
CHR2	6588236	CHR2:6588236	SSF x Far_LoA	-8,38756094	-0,081	0,300
CHR2	6593864	CHR2:6593864	SSF x Far_LoA	-8,55958018	0,069	0,313
CHR2	6593894	CHR2:6593894	SSF x Far_LoA	-10,5930187	-0,078	0,294
CHR2	6593951	CHR2:6593951	SSF x Far_LoA	-10,1636033	-0,001	0,313
CHR2	6593956	CHR2:6593956	SSF x Far_LoA	-10,33841	-0,015	0,308
CHR2	6593957	CHR2:6593957	SSF x Far_LoA	-10,6850528	-0,009	0,299
CHR2	6594081	CHR2:6594081	SSF x Far_LoA	-10,2766589	0,114	0,308
CHR2	6594091	CHR2:6594091	SSF x Far_LoA	-10,9703336	0,045	0,297
CHR2	6594093	CHR2:6594093	SSF x Far_LoA	-9,80251157	-0,010	0,323
CHR2	6594100	CHR2:6594100	SSF x Far_LoA	-8,97408487	0,002	0,319
CHR2	6594105	CHR2:6594105	SSF x Far_LoA	-8,91708021	-0,012	0,318
CHR2	6594126	CHR2:6594126	SSF x Far_LoA	-10,3300254	0,045	0,316
CHR2	659811	CHR2:659811	SSF x Far_LoA	-11,786048	-0,061	0,307
CHR2	6609179	CHR2:6609179	SSF x Far_LoA	-9,15745526	-0,009	0,301
CHR2	6609293	CHR2:6609293	SSF x Far_LoA	-4,02922006	-0,191	0,306
CHR2	6609301	CHR2:6609301	SSF x Far_LoA	-7,56246469	-0,181	0,295
CHR2	6612880	CHR2:6612880	SSF x Far_LoA	-4,69576848	0,196	0,300
CHR2	6612906	CHR2:6612906	SSF x Far_LoA	-9,09421281	-0,087	0,313
CHR2	6612914	CHR2:6612914	SSF x Far_LoA	-9,81682088	-0,070	0,302
CHR2	6612934	CHR2:6612934	SSF x Far_LoA	-4,8134698	-0,068	0,315
CHR2	6615978	CHR2:6615978	SSF x Far_LoA	-10,7121014	-0,079	0,311
CHR2	6615991	CHR2:6615991	SSF x Far_LoA	-8,48550378	-0,152	0,310
CHR2	6615997	CHR2:6615997	SSF x Far_LoA	-6,36159867	0,113	0,295
CHR2	6627061	CHR2:6627061	SSF x Far_LoA	-10,2136697	-0,066	0,311
CHR2	6630351	CHR2:6630351	SSF x Far_LoA	-11,0034566	0,103	0,311
CHR2	6630360	CHR2:6630360	SSF x Far_LoA	-8,92752777	0,106	0,298
CHR2	6630377	CHR2:6630377	SSF x Far_LoA	-9,63431203	0,036	0,302
CHR2	6630394	CHR2:6630394	SSF x Far_LoA	-11,4322273	-0,057	0,292
CHR2	6630428	CHR2:6630428	SSF x Far_LoA	-4,81713787	0,108	0,304
CHR2	6630433	CHR2:6630433	SSF x Far_LoA	-8,99695844	0,040	0,306
CHR2	6630439	CHR2:6630439	SSF x Far_LoA	-9,88852773	-0,013	0,306
CHR2	6630441	CHR2:6630441	SSF x Far_LoA	-6,46076102	-0,105	0,300
CHR2	6630461	CHR2:6630461	SSF x Far_LoA	-10,7592452	-0,047	0,304
CHR2	6633530	CHR2:6633530	SSF x Far_LoA	-9,39079992	-0,026	0,309
CHR2	6633567	CHR2:6633567	SSF x Far_LoA	-4,42594346	0,155	0,293
CHR2	6633604	CHR2:6633604	SSF x Far_LoA	-9,49562346	0,028	0,307
CHR2	6633646	CHR2:6633646	SSF x Far_LoA	-11,1033334	0,012	0,300
CHR2	6638507	CHR2:6638507	SSF x Far_LoA	-8,78180832	0,010	0,315
CHR2	6638551	CHR2:6638551	SSF x Far_LoA	-7,23212569	0,165	0,291
CHR2	6638564	CHR2:6638564	SSF x Far_LoA	-9,03156187	-0,109	0,290
CHR2	6638571	CHR2:6638571	SSF x Far_LoA	-9,14298366	0,111	0,313
CHR2	6639774	CHR2:6639774	SSF x Far_LoA	-7,07844161	-0,088	0,317
CHR2	6639931	CHR2:6639931	SSF x Far_LoA	-10,607599	-0,004	0,307
CHR2	6639934	CHR2:6639934	SSF x Far_LoA	-11,0249675	-0,022	0,311
CHR2	6640025	CHR2:6640025	SSF x Far_LoA	-3,92656185	-0,021	0,320
CHR2	6641426	CHR2:6641426	SSF x Far_LoA	-10,3582389	0,014	0,293
CHR2	6641485	CHR2:6641485	SSF x Far_LoA	-9,49555271	0,041	0,291
CHR2	6649334	CHR2:6649334	SSF x Far_LoA	-10,8861136	-0,088	0,305
CHR2	6649555	CHR2:6649555	SSF x Far_LoA	-9,58272447	-0,038	0,297
CHR2	6656352	CHR2:6656352	SSF x Far_LoA	-11,4560596	-0,062	0,313

CHR2	6656398	CHR2:6656398	SSF x Far_LoA	-12,4293411	0,006	0,304
CHR2	6656422	CHR2:6656422	SSF x Far_LoA	-8,28969804	-0,080	0,300
CHR2	6656478	CHR2:6656478	SSF x Far_LoA	-11,2590783	0,028	0,312
CHR2	6656479	CHR2:6656479	SSF x Far_LoA	-9,75982094	-0,004	0,303
CHR2	6656576	CHR2:6656576	SSF x Far_LoA	-10,1786544	-0,098	0,305
CHR2	6656587	CHR2:6656587	SSF x Far_LoA	-7,31854326	-0,129	0,308
CHR2	6658615	CHR2:6658615	SSF x Far_LoA	-11,9242425	-0,014	0,307
CHR2	6658647	CHR2:6658647	SSF x Far_LoA	-6,40880902	-0,006	0,307
CHR2	6658698	CHR2:6658698	SSF x Far_LoA	-11,1198643	-0,092	0,295
CHR2	6658838	CHR2:6658838	SSF x Far_LoA	-8,81619265	0,003	0,290
CHR2	6658859	CHR2:6658859	SSF x Far_LoA	-12,0558914	-0,041	0,288
CHR2	6685150	CHR2:6685150	SSF x Far_LoA	-8,34315924	-0,069	0,313
CHR2	6685151	CHR2:6685151	SSF x Far_LoA	-8,57924236	-0,074	0,312
CHR2	6685212	CHR2:6685212	SSF x Far_LoA	-6,65859405	0,023	0,320
CHR2	6687425	CHR2:6687425	SSF x Far_LoA	-10,5860227	0,003	0,302
CHR2	6687580	CHR2:6687580	SSF x Far_LoA	-11,1142601	0,013	0,307
CHR2	6687607	CHR2:6687607	SSF x Far_LoA	-9,37015886	0,073	0,310
CHR2	6689548	CHR2:6689548	SSF x Far_LoA	-6,76646577	0,123	0,308
CHR2	6729805	CHR2:6729805	SSF x Far_LoA	-10,8106911	0,126	0,313
CHR2	6729898	CHR2:6729898	SSF x Far_LoA	-8,01325897	-0,103	0,289
CHR2	6729967	CHR2:6729967	SSF x Far_LoA	-8,08760208	-0,085	0,300
CHR2	6730055	CHR2:6730055	SSF x Far_LoA	-6,81438028	-0,069	0,315
CHR2	6739395	CHR2:6739395	SSF x Far_LoA	-7,31269949	-0,140	0,314
CHR2	6739404	CHR2:6739404	SSF x Far_LoA	-8,71252048	-0,119	0,304
CHR2	6739433	CHR2:6739433	SSF x Far_LoA	-9,40310256	0,057	0,310
CHR2	6739586	CHR2:6739586	SSF x Far_LoA	-8,74888638	-0,004	0,313
CHR2	6739590	CHR2:6739590	SSF x Far_LoA	-6,94079238	0,008	0,300
CHR2	6743782	CHR2:6743782	SSF x Far_LoA	-7,71247321	0,018	0,313
CHR2	6751108	CHR2:6751108	SSF x Far_LoA	-8,80593731	0,058	0,315
CHR2	6751132	CHR2:6751132	SSF x Far_LoA	-9,82580941	-0,085	0,306
CHR2	6751278	CHR2:6751278	SSF x Far_LoA	-10,1900634	0,070	0,289
CHR2	6757265	CHR2:6757265	SSF x Far_LoA	-6,279662	0,155	0,299
CHR2	6757268	CHR2:6757268	SSF x Far_LoA	-7,31521955	0,133	0,297
CHR2	6758051	CHR2:6758051	SSF x Far_LoA	-8,81099332	-0,033	0,305
CHR2	6758160	CHR2:6758160	SSF x Far_LoA	-10,1290467	-0,112	0,288
CHR2	6767579	CHR2:6767579	SSF x Far_LoA	-10,9103411	0,030	0,287
CHR2	6767606	CHR2:6767606	SSF x Far_LoA	-7,77922552	0,159	0,295
CHR2	6767622	CHR2:6767622	SSF x Far_LoA	-9,12740721	0,131	0,297
CHR2	6767627	CHR2:6767627	SSF x Far_LoA	-8,14219668	-0,086	0,318
CHR2	6767628	CHR2:6767628	SSF x Far_LoA	-10,0578868	-0,080	0,308
CHR2	6769916	CHR2:6769916	SSF x Far_LoA	-7,54079515	0,136	0,281
CHR2	6777288	CHR2:6777288	SSF x Far_LoA	-6,28699044	-0,211	0,295
CHR2	6777359	CHR2:6777359	SSF x Far_LoA	-3,88281705	0,263	0,282
CHR2	6777375	CHR2:6777375	SSF x Far_LoA	-12,1741693	-0,063	0,311
CHR2	6777379	CHR2:6777379	SSF x Far_LoA	-6,6954906	-0,167	0,295
CHR2	6777396	CHR2:6777396	SSF x Far_LoA	-9,62057924	-0,029	0,310
CHR2	6780137	CHR2:6780137	SSF x Far_LoA	-7,20022605	0,106	0,303
CHR2	6780282	CHR2:6780282	SSF x Far_LoA	-6,71241693	-0,015	0,307
CHR2	6784486	CHR2:6784486	SSF x Far_LoA	-8,33816532	0,008	0,308
CHR2	6784590	CHR2:6784590	SSF x Far_LoA	-10,907035	-0,019	0,313
CHR2	6784684	CHR2:6784684	SSF x Far_LoA	-11,8941066	-0,036	0,297
CHR2	6787898	CHR2:6787898	SSF x Far_LoA	-9,48581143	-0,004	0,294
CHR2	6787965	CHR2:6787965	SSF x Far_LoA	-10,7012928	0,110	0,302

CHR2	6787986	CHR2:6787986	SSF x Far_LoA	-9,0542691	0,082	0,292
CHR2	6794168	CHR2:6794168	SSF x Far_LoA	-11,0721771	-0,076	0,303
CHR2	6794250	CHR2:6794250	SSF x Far_LoA	-9,03512634	-0,090	0,308
CHR2	6794308	CHR2:6794308	SSF x Far_LoA	-6,42876944	0,092	0,298
CHR2	6794375	CHR2:6794375	SSF x Far_LoA	-9,41495671	0,048	0,314
CHR2	6795767	CHR2:6795767	SSF x Far_LoA	-8,88414749	0,103	0,299
CHR2	6795773	CHR2:6795773	SSF x Far_LoA	-8,81652659	-0,044	0,310
CHR2	6795796	CHR2:6795796	SSF x Far_LoA	-9,26121963	0,060	0,292
CHR2	6795804	CHR2:6795804	SSF x Far_LoA	-8,75239976	-0,004	0,308
CHR2	6795910	CHR2:6795910	SSF x Far_LoA	-11,1464138	-0,104	0,306
CHR2	6795931	CHR2:6795931	SSF x Far_LoA	-10,4493608	0,079	0,314
CHR2	6801587	CHR2:6801587	SSF x Far_LoA	-9,40106013	0,048	0,308
CHR2	6801601	CHR2:6801601	SSF x Far_LoA	-10,9545522	0,058	0,292
CHR2	6801605	CHR2:6801605	SSF x Far_LoA	-10,9154729	0,100	0,290
CHR2	6808907	CHR2:6808907	SSF x Far_LoA	-12,6046057	-0,011	0,295
CHR2	6808936	CHR2:6808936	SSF x Far_LoA	-9,41120867	-0,087	0,305
CHR2	6808991	CHR2:6808991	SSF x Far_LoA	-11,66826	0,023	0,310
CHR2	6809043	CHR2:6809043	SSF x Far_LoA	-10,2860202	-0,013	0,313
CHR2	681095	CHR2:681095	SSF x Far_LoA	-10,9937905	0,024	0,296
CHR2	6811036	CHR2:6811036	SSF x Far_LoA	-7,53940166	0,189	0,292
CHR2	6811154	CHR2:6811154	SSF x Far_LoA	-8,63849181	0,010	0,316
CHR2	6822313	CHR2:6822313	SSF x Far_LoA	-8,08864213	0,094	0,304
CHR2	6822355	CHR2:6822355	SSF x Far_LoA	-9,58713131	-0,017	0,308
CHR2	6822359	CHR2:6822359	SSF x Far_LoA	-8,04197437	0,076	0,297
CHR2	6822362	CHR2:6822362	SSF x Far_LoA	-11,5338702	0,048	0,305
CHR2	6822408	CHR2:6822408	SSF x Far_LoA	-9,59540136	-0,098	0,294
CHR2	6822417	CHR2:6822417	SSF x Far_LoA	-11,2987185	0,053	0,306
CHR2	6822482	CHR2:6822482	SSF x Far_LoA	-9,97544144	0,123	0,312
CHR2	6825330	CHR2:6825330	SSF x Far_LoA	-6,38191422	-0,131	0,291
CHR2	6825354	CHR2:6825354	SSF x Far_LoA	-7,99455505	0,079	0,295
CHR2	6825493	CHR2:6825493	SSF x Far_LoA	-9,0743785	0,049	0,315
CHR2	6825521	CHR2:6825521	SSF x Far_LoA	-9,09736746	-0,121	0,316
CHR2	6825533	CHR2:6825533	SSF x Far_LoA	-9,13900731	-0,130	0,307
CHR2	6830658	CHR2:6830658	SSF x Far_LoA	-11,8502812	-0,059	0,311
CHR2	6830740	CHR2:6830740	SSF x Far_LoA	-10,5718003	0,075	0,297
CHR2	6830836	CHR2:6830836	SSF x Far_LoA	-10,9804406	0,135	0,298
CHR2	6836055	CHR2:6836055	SSF x Far_LoA	-8,31571356	0,148	0,304
CHR2	6836094	CHR2:6836094	SSF x Far_LoA	-9,93072514	-0,018	0,309
CHR2	6836152	CHR2:6836152	SSF x Far_LoA	-9,54747901	0,052	0,307
CHR2	6836221	CHR2:6836221	SSF x Far_LoA	-8,5963747	0,123	0,300
CHR2	6840621	CHR2:6840621	SSF x Far_LoA	-7,43166535	0,150	0,308
CHR2	6842570	CHR2:6842570	SSF x Far_LoA	-11,1851454	0,005	0,297
CHR2	6842587	CHR2:6842587	SSF x Far_LoA	-7,82473889	0,107	0,316
CHR2	6857306	CHR2:6857306	SSF x Far_LoA	-8,2818808	-0,065	0,312
CHR2	6875141	CHR2:6875141	SSF x Far_LoA	-9,48904269	0,083	0,303
CHR2	6875388	CHR2:6875388	SSF x Far_LoA	-8,14561111	-0,146	0,311
CHR2	6875417	CHR2:6875417	SSF x Far_LoA	-6,4518353	-0,050	0,302
CHR2	6875480	CHR2:6875480	SSF x Far_LoA	-9,29811312	0,100	0,305
CHR2	6883484	CHR2:6883484	SSF x Far_LoA	-8,78112237	-0,030	0,321
CHR2	6883577	CHR2:6883577	SSF x Far_LoA	-10,7461912	0,124	0,296
CHR2	688850	CHR2:688850	SSF x Far_LoA	-8,80416457	0,035	0,330
CHR2	688854	CHR2:688854	SSF x Far_LoA	-8,18951194	0,043	0,300
CHR2	688893	CHR2:688893	SSF x Far_LoA	-7,20273874	-0,098	0,317

CHR2	688921	CHR2:688921	SSF x Far_LoA	-9,6488276	0,021	0,293
CHR2	6916609	CHR2:6916609	SSF x Far_LoA	-9,43275477	0,122	0,297
CHR2	6916724	CHR2:6916724	SSF x Far_LoA	-11,6419236	0,051	0,313
CHR2	6916726	CHR2:6916726	SSF x Far_LoA	-3,92318659	-0,169	0,301
CHR2	6918864	CHR2:6918864	SSF x Far_LoA	-9,14894187	0,019	0,313
CHR2	6918882	CHR2:6918882	SSF x Far_LoA	-4,21537628	0,208	0,298
CHR2	6918944	CHR2:6918944	SSF x Far_LoA	-7,25617113	0,172	0,308
CHR2	6923262	CHR2:6923262	SSF x Far_LoA	-10,2353361	0,116	0,309
CHR2	6925548	CHR2:6925548	SSF x Far_LoA	-10,1930743	-0,041	0,322
CHR2	6925585	CHR2:6925585	SSF x Far_LoA	-10,6496784	-0,129	0,291
CHR2	6925594	CHR2:6925594	SSF x Far_LoA	-10,4869895	-0,126	0,307
CHR2	6941721	CHR2:6941721	SSF x Far_LoA	-7,51810795	-0,107	0,305
CHR2	6947064	CHR2:6947064	SSF x Far_LoA	-8,2869744	0,016	0,296
CHR2	6947147	CHR2:6947147	SSF x Far_LoA	-8,22516764	0,005	0,304
CHR2	6949421	CHR2:6949421	SSF x Far_LoA	-4,93094601	-0,063	0,310
CHR2	6949462	CHR2:6949462	SSF x Far_LoA	-3,55153666	-0,010	0,308
CHR2	6949540	CHR2:6949540	SSF x Far_LoA	-9,17637569	0,018	0,282
CHR2	6949575	CHR2:6949575	SSF x Far_LoA	-10,0117533	0,036	0,300
CHR2	6949582	CHR2:6949582	SSF x Far_LoA	-9,82028129	0,066	0,313
CHR2	6949604	CHR2:6949604	SSF x Far_LoA	-10,0610982	0,030	0,307
CHR2	6949626	CHR2:6949626	SSF x Far_LoA	-10,5422352	0,009	0,294
CHR2	6964258	CHR2:6964258	SSF x Far_LoA	-7,82516124	0,089	0,304
CHR2	6969197	CHR2:6969197	SSF x Far_LoA	-10,1109096	-0,053	0,290
CHR2	6969210	CHR2:6969210	SSF x Far_LoA	-7,67917732	0,114	0,302
CHR2	6969222	CHR2:6969222	SSF x Far_LoA	-6,77479198	-0,060	0,321
CHR2	6969239	CHR2:6969239	SSF x Far_LoA	-12,6667934	-0,001	0,297
CHR2	6969337	CHR2:6969337	SSF x Far_LoA	-8,58551672	0,056	0,325
CHR2	6974955	CHR2:6974955	SSF x Far_LoA	-9,56783157	0,082	0,300
CHR2	6975040	CHR2:6975040	SSF x Far_LoA	-8,60095181	0,022	0,315
CHR2	6975080	CHR2:6975080	SSF x Far_LoA	-8,3268904	0,009	0,308
CHR2	6975157	CHR2:6975157	SSF x Far_LoA	-10,2615498	0,016	0,301
CHR2	6989867	CHR2:6989867	SSF x Far_LoA	-10,2303855	-0,073	0,299
CHR2	7000466	CHR2:7000466	SSF x Far_LoA	-5,09080068	-0,101	0,298
CHR2	7000473	CHR2:7000473	SSF x Far_LoA	-9,62415088	0,096	0,279
CHR2	7000474	CHR2:7000474	SSF x Far_LoA	-10,9247437	0,078	0,287
CHR2	7000578	CHR2:7000578	SSF x Far_LoA	-9,67158107	-0,072	0,308
CHR2	7003052	CHR2:7003052	SSF x Far_LoA	-4,75284346	-0,133	0,307
CHR2	7004515	CHR2:7004515	SSF x Far_LoA	-6,33549529	0,049	0,304
CHR2	7004576	CHR2:7004576	SSF x Far_LoA	-7,08134617	0,056	0,299
CHR2	7004581	CHR2:7004581	SSF x Far_LoA	-9,0691835	0,052	0,310
CHR2	7004643	CHR2:7004643	SSF x Far_LoA	-11,0502747	0,030	0,320
CHR2	7004703	CHR2:7004703	SSF x Far_LoA	-9,57366089	-0,018	0,304
CHR2	7015854	CHR2:7015854	SSF x Far_LoA	-10,7327083	-0,015	0,306
CHR2	7015882	CHR2:7015882	SSF x Far_LoA	-8,42500217	-0,040	0,297
CHR2	7015884	CHR2:7015884	SSF x Far_LoA	-9,90126504	-0,077	0,315
CHR2	7015963	CHR2:7015963	SSF x Far_LoA	-10,9604743	0,069	0,304
CHR2	7015970	CHR2:7015970	SSF x Far_LoA	-8,60315771	-0,071	0,312
CHR2	7016034	CHR2:7016034	SSF x Far_LoA	-8,9769177	-0,028	0,297
CHR2	7016056	CHR2:7016056	SSF x Far_LoA	-7,31901927	0,093	0,308
CHR2	7016104	CHR2:7016104	SSF x Far_LoA	-10,5594384	0,042	0,302
CHR2	7018401	CHR2:7018401	SSF x Far_LoA	-9,26941607	0,123	0,297
CHR2	7018478	CHR2:7018478	SSF x Far_LoA	-6,37397483	-0,140	0,304
CHR2	7018502	CHR2:7018502	SSF x Far_LoA	-9,33367301	-0,065	0,313

CHR2	7023913	CHR2:7023913	SSF x Far_LoA	-11,1276916	-0,085	0,300
CHR2	7026952	CHR2:7026952	SSF x Far_LoA	-11,3366359	-0,020	0,306
CHR2	7027000	CHR2:7027000	SSF x Far_LoA	-8,58131539	-0,001	0,303
CHR2	7033406	CHR2:7033406	SSF x Far_LoA	-10,1406232	-0,045	0,313
CHR2	7033453	CHR2:7033453	SSF x Far_LoA	-8,65968619	-0,047	0,301
CHR2	7033552	CHR2:7033552	SSF x Far_LoA	-5,46235793	0,157	0,305
CHR2	7038178	CHR2:7038178	SSF x Far_LoA	-9,55821086	0,028	0,294
CHR2	7053751	CHR2:7053751	SSF x Far_LoA	-11,3474933	-0,006	0,309
CHR2	7053904	CHR2:7053904	SSF x Far_LoA	-8,48463689	-0,181	0,307
CHR2	7053913	CHR2:7053913	SSF x Far_LoA	-1,90881541	-0,195	0,305
CHR2	7054071	CHR2:7054071	SSF x Far_LoA	-8,67829389	-0,147	0,305
CHR2	7054129	CHR2:7054129	SSF x Far_LoA	-7,95204885	0,122	0,303
CHR2	7054230	CHR2:7054230	SSF x Far_LoA	-8,25471242	0,083	0,319
CHR2	7059533	CHR2:7059533	SSF x Far_LoA	-11,5862174	0,049	0,303
CHR2	7059620	CHR2:7059620	SSF x Far_LoA	-3,15023831	0,249	0,287
CHR2	7059657	CHR2:7059657	SSF x Far_LoA	-7,34392244	-0,156	0,324
CHR2	7059749	CHR2:7059749	SSF x Far_LoA	-2,37825347	-0,165	0,309
CHR2	7072009	CHR2:7072009	SSF x Far_LoA	-9,56534841	0,127	0,313
CHR2	7072010	CHR2:7072010	SSF x Far_LoA	-7,20435359	0,120	0,296
CHR2	7072030	CHR2:7072030	SSF x Far_LoA	-7,89074022	0,097	0,300
CHR2	7072166	CHR2:7072166	SSF x Far_LoA	-7,53680553	0,122	0,311
CHR2	7072464	CHR2:7072464	SSF x Far_LoA	-4,78873966	0,101	0,303
CHR2	7072481	CHR2:7072481	SSF x Far_LoA	-9,09239351	-0,049	0,303
CHR2	7072498	CHR2:7072498	SSF x Far_LoA	-8,52241736	0,003	0,304
CHR2	7072504	CHR2:7072504	SSF x Far_LoA	-9,88312206	0,097	0,302
CHR2	7072519	CHR2:7072519	SSF x Far_LoA	-6,01313384	-0,143	0,305
CHR2	7072560	CHR2:7072560	SSF x Far_LoA	-3,45358433	0,016	0,298
CHR2	7072582	CHR2:7072582	SSF x Far_LoA	-9,33506262	-0,174	0,303
CHR2	7076908	CHR2:7076908	SSF x Far_LoA	-9,10799937	-0,043	0,291
CHR2	7076917	CHR2:7076917	SSF x Far_LoA	-8,56610505	0,042	0,301
CHR2	7076943	CHR2:7076943	SSF x Far_LoA	-7,60123447	0,173	0,295
CHR2	7076966	CHR2:7076966	SSF x Far_LoA	-8,5049629	0,150	0,298
CHR2	7076969	CHR2:7076969	SSF x Far_LoA	-9,68693051	-0,022	0,322
CHR2	7076973	CHR2:7076973	SSF x Far_LoA	-9,82254092	0,111	0,298
CHR2	7076978	CHR2:7076978	SSF x Far_LoA	-7,82483527	0,066	0,308
CHR2	7077069	CHR2:7077069	SSF x Far_LoA	-6,08618501	-0,110	0,305
CHR2	7077079	CHR2:7077079	SSF x Far_LoA	-11,3849183	0,019	0,299
CHR2	7077087	CHR2:7077087	SSF x Far_LoA	-6,64017401	0,088	0,300
CHR2	7077092	CHR2:7077092	SSF x Far_LoA	-10,2680907	0,013	0,317
CHR2	7077094	CHR2:7077094	SSF x Far_LoA	-9,05997141	0,055	0,303
CHR2	7077108	CHR2:7077108	SSF x Far_LoA	-7,07874351	-0,093	0,299
CHR2	7077119	CHR2:7077119	SSF x Far_LoA	-7,44630814	0,099	0,307
CHR2	7077157	CHR2:7077157	SSF x Far_LoA	-11,0432632	0,080	0,305
CHR2	7080580	CHR2:7080580	SSF x Far_LoA	-9,02803163	0,115	0,304
CHR2	7080738	CHR2:7080738	SSF x Far_LoA	-10,9365993	0,016	0,302
CHR2	7080761	CHR2:7080761	SSF x Far_LoA	-11,8320055	0,031	0,306
CHR2	708842	CHR2:708842	SSF x Far_LoA	-11,388372	0,054	0,293
CHR2	708852	CHR2:708852	SSF x Far_LoA	-10,1455989	-0,018	0,308
CHR2	708938	CHR2:708938	SSF x Far_LoA	-10,0906726	0,136	0,287
CHR2	708957	CHR2:708957	SSF x Far_LoA	-8,99328751	0,024	0,316
CHR2	7095450	CHR2:7095450	SSF x Far_LoA	-10,7242637	-0,023	0,306
CHR2	7095471	CHR2:7095471	SSF x Far_LoA	-1,75113154	0,047	0,322
CHR2	7095683	CHR2:7095683	SSF x Far_LoA	-8,50806947	0,128	0,306

CHR2	7095695	CHR2:7095695	SSF x Far_LoA	-8,29779901	0,148	0,318
CHR2	7095705	CHR2:7095705	SSF x Far_LoA	-4,60015046	-0,047	0,318
CHR2	711687	CHR2:711687	SSF x Far_LoA	-8,37082754	0,010	0,313
CHR2	7128635	CHR2:7128635	SSF x Far_LoA	-6,50225494	-0,050	0,314
CHR2	7128760	CHR2:7128760	SSF x Far_LoA	-9,0917756	0,038	0,319
CHR2	7134779	CHR2:7134779	SSF x Far_LoA	-5,22769044	-0,202	0,291
CHR2	7134880	CHR2:7134880	SSF x Far_LoA	-4,45362433	-0,079	0,305
CHR2	7134929	CHR2:7134929	SSF x Far_LoA	-9,13794849	0,028	0,304
CHR2	7134932	CHR2:7134932	SSF x Far_LoA	-6,11523692	-0,121	0,311
CHR2	7142298	CHR2:7142298	SSF x Far_LoA	-10,2139745	0,086	0,293
CHR2	7142397	CHR2:7142397	SSF x Far_LoA	-10,6423524	0,037	0,311
CHR2	7142427	CHR2:7142427	SSF x Far_LoA	-10,6078409	0,051	0,311
CHR2	7142442	CHR2:7142442	SSF x Far_LoA	-8,47177872	0,088	0,315
CHR2	7142443	CHR2:7142443	SSF x Far_LoA	-9,59004266	-0,029	0,303
CHR2	7144281	CHR2:7144281	SSF x Far_LoA	-7,18469441	0,052	0,299
CHR2	7144305	CHR2:7144305	SSF x Far_LoA	-8,372506	0,024	0,313
CHR2	7144318	CHR2:7144318	SSF x Far_LoA	-7,65855575	0,046	0,314
CHR2	7144326	CHR2:7144326	SSF x Far_LoA	-7,11303383	-0,099	0,297
CHR2	7149110	CHR2:7149110	SSF x Far_LoA	-8,71117297	0,047	0,312
CHR2	7149126	CHR2:7149126	SSF x Far_LoA	-6,41470893	-0,126	0,304
CHR2	7149186	CHR2:7149186	SSF x Far_LoA	-11,3166026	-0,058	0,307
CHR2	7149200	CHR2:7149200	SSF x Far_LoA	-11,9392748	-0,021	0,316
CHR2	715512	CHR2:715512	SSF x Far_LoA	-11,7837109	-0,060	0,319
CHR2	715535	CHR2:715535	SSF x Far_LoA	-0,8021559	-0,190	0,291
CHR2	715540	CHR2:715540	SSF x Far_LoA	-7,2023121	-0,181	0,301
CHR2	7155504	CHR2:7155504	SSF x Far_LoA	-8,49515706	-0,045	0,315
CHR2	715566	CHR2:715566	SSF x Far_LoA	-10,7559	0,001	0,314
CHR2	7155800	CHR2:7155800	SSF x Far_LoA	-11,0615598	0,070	0,308
CHR2	715605	CHR2:715605	SSF x Far_LoA	-8,77438856	-0,063	0,316
CHR2	715721	CHR2:715721	SSF x Far_LoA	-6,54804824	-0,182	0,316
CHR2	7157504	CHR2:7157504	SSF x Far_LoA	-5,86555436	0,119	0,286
CHR2	7164763	CHR2:7164763	SSF x Far_LoA	-9,67681596	0,005	0,314
CHR2	7165927	CHR2:7165927	SSF x Far_LoA	-4,11117309	-0,230	0,295
CHR2	7165978	CHR2:7165978	SSF x Far_LoA	-11,1646705	-0,044	0,301
CHR2	7166023	CHR2:7166023	SSF x Far_LoA	-6,63682477	-0,042	0,314
CHR2	7166024	CHR2:7166024	SSF x Far_LoA	-9,46437635	-0,014	0,308
CHR2	7166059	CHR2:7166059	SSF x Far_LoA	-7,93070575	-0,193	0,298
CHR2	7166080	CHR2:7166080	SSF x Far_LoA	-7,11744589	0,158	0,300
CHR2	7166092	CHR2:7166092	SSF x Far_LoA	-6,89644656	-0,013	0,298
CHR2	7166139	CHR2:7166139	SSF x Far_LoA	1,5818586	-0,085	0,293
CHR2	7169055	CHR2:7169055	SSF x Far_LoA	-10,8000935	0,017	0,318
CHR2	7169131	CHR2:7169131	SSF x Far_LoA	-7,92784913	0,012	0,322
CHR2	7169135	CHR2:7169135	SSF x Far_LoA	-8,82201822	-0,014	0,310
CHR2	7171294	CHR2:7171294	SSF x Far_LoA	-9,59816754	0,088	0,297
CHR2	7171337	CHR2:7171337	SSF x Far_LoA	-8,76440671	-0,070	0,303
CHR2	7171921	CHR2:7171921	SSF x Far_LoA	-11,7759819	-0,046	0,297
CHR2	7178578	CHR2:7178578	SSF x Far_LoA	-8,85810291	0,043	0,320
CHR2	7178605	CHR2:7178605	SSF x Far_LoA	-10,3876661	-0,001	0,297
CHR2	7178617	CHR2:7178617	SSF x Far_LoA	-5,04022596	0,210	0,295
CHR2	7178705	CHR2:7178705	SSF x Far_LoA	-11,3876193	-0,044	0,314
CHR2	7178759	CHR2:7178759	SSF x Far_LoA	-9,17342802	0,002	0,303
CHR2	7178761	CHR2:7178761	SSF x Far_LoA	-8,95771806	0,073	0,309
CHR2	7178763	CHR2:7178763	SSF x Far_LoA	-10,7780101	0,021	0,311

CHR2	719850	CHR2:719850	SSF x Far_LoA	-7,95123955	-0,028	0,309
CHR2	7205832	CHR2:7205832	SSF x Far_LoA	-7,79116624	0,094	0,306
CHR2	7207610	CHR2:7207610	SSF x Far_LoA	-8,80557551	0,066	0,282
CHR2	7207624	CHR2:7207624	SSF x Far_LoA	-8,85861078	0,024	0,313
CHR2	7207671	CHR2:7207671	SSF x Far_LoA	-9,4770523	0,052	0,299
CHR2	7207700	CHR2:7207700	SSF x Far_LoA	-7,6415326	0,164	0,302
CHR2	7211444	CHR2:7211444	SSF x Far_LoA	-11,3716942	0,015	0,305
CHR2	7211614	CHR2:7211614	SSF x Far_LoA	-10,5626897	0,111	0,314
CHR2	7216798	CHR2:7216798	SSF x Far_LoA	-10,3092232	-0,034	0,317
CHR2	7216826	CHR2:7216826	SSF x Far_LoA	-9,29758882	-0,105	0,300
CHR2	7216961	CHR2:7216961	SSF x Far_LoA	-9,91869745	0,067	0,306
CHR2	7216975	CHR2:7216975	SSF x Far_LoA	-7,0623805	-0,056	0,295
CHR2	7216991	CHR2:7216991	SSF x Far_LoA	-9,19752486	0,119	0,301
CHR2	7217062	CHR2:7217062	SSF x Far_LoA	-8,89289894	0,068	0,298
CHR2	7219758	CHR2:7219758	SSF x Far_LoA	-10,3793665	-0,096	0,305
CHR2	7219932	CHR2:7219932	SSF x Far_LoA	-11,2222078	0,008	0,300
CHR2	7219959	CHR2:7219959	SSF x Far_LoA	-11,6944764	0,035	0,296
CHR2	7219963	CHR2:7219963	SSF x Far_LoA	-9,00337111	0,025	0,306
CHR2	7225498	CHR2:7225498	SSF x Far_LoA	-8,68400323	0,073	0,296
CHR2	7225503	CHR2:7225503	SSF x Far_LoA	-9,84365227	0,024	0,295
CHR2	7225543	CHR2:7225543	SSF x Far_LoA	-10,3368252	-0,080	0,315
CHR2	7225618	CHR2:7225618	SSF x Far_LoA	-3,67769485	-0,080	0,300
CHR2	7225767	CHR2:7225767	SSF x Far_LoA	-8,59788365	-0,090	0,316
CHR2	7225770	CHR2:7225770	SSF x Far_LoA	-9,60174423	-0,037	0,308
CHR2	7225799	CHR2:7225799	SSF x Far_LoA	-11,2286673	-0,004	0,313
CHR2	7225804	CHR2:7225804	SSF x Far_LoA	-6,77060078	-0,069	0,312
CHR2	7234860	CHR2:7234860	SSF x Far_LoA	-7,99359954	0,105	0,307
CHR2	7235962	CHR2:7235962	SSF x Far_LoA	-11,3615612	0,065	0,309
CHR2	7235981	CHR2:7235981	SSF x Far_LoA	-10,6525897	-0,038	0,313
CHR2	7236167	CHR2:7236167	SSF x Far_LoA	1,05164082	-0,136	0,303
CHR2	7236182	CHR2:7236182	SSF x Far_LoA	-12,2386507	0,083	0,299
CHR2	7236200	CHR2:7236200	SSF x Far_LoA	-7,41821633	-0,078	0,304
CHR2	7236202	CHR2:7236202	SSF x Far_LoA	-7,69052742	-0,044	0,300
CHR2	7236206	CHR2:7236206	SSF x Far_LoA	-7,00829688	-0,073	0,308
CHR2	7246850	CHR2:7246850	SSF x Far_LoA	-10,8723488	0,066	0,291
CHR2	7246936	CHR2:7246936	SSF x Far_LoA	-8,72806564	-0,039	0,312
CHR2	7248149	CHR2:7248149	SSF x Far_LoA	-8,70701039	0,133	0,312
CHR2	7248270	CHR2:7248270	SSF x Far_LoA	-11,173143	0,041	0,307
CHR2	7248322	CHR2:7248322	SSF x Far_LoA	-7,39598952	-0,076	0,300
CHR2	7257941	CHR2:7257941	SSF x Far_LoA	-11,9286931	0,058	0,293
CHR2	7257990	CHR2:7257990	SSF x Far_LoA	-11,6674903	0,055	0,302
CHR2	7258008	CHR2:7258008	SSF x Far_LoA	-9,86301997	0,038	0,312
CHR2	7265860	CHR2:7265860	SSF x Far_LoA	-11,2075428	-0,011	0,305
CHR2	7265872	CHR2:7265872	SSF x Far_LoA	-8,41264717	0,061	0,300
CHR2	7266571	CHR2:7266571	SSF x Far_LoA	-10,7550343	0,003	0,307
CHR2	7266829	CHR2:7266829	SSF x Far_LoA	-10,6609948	0,106	0,293
CHR2	7277226	CHR2:7277226	SSF x Far_LoA	-9,13645517	0,086	0,311
CHR2	7277380	CHR2:7277380	SSF x Far_LoA	-11,1382278	0,037	0,310
CHR2	729376	CHR2:729376	SSF x Far_LoA	-10,4636802	0,008	0,302
CHR2	729482	CHR2:729482	SSF x Far_LoA	-9,28110531	-0,124	0,306
CHR2	729502	CHR2:729502	SSF x Far_LoA	-10,9731673	-0,031	0,296
CHR2	729543	CHR2:729543	SSF x Far_LoA	-7,31121862	-0,155	0,296
CHR2	729622	CHR2:729622	SSF x Far_LoA	-11,4374132	-0,056	0,305

CHR2	7299606	CHR2:7299606	SSF x Far_LoA	-11,5065931	-0,042	0,294
CHR2	7302750	CHR2:7302750	SSF x Far_LoA	-10,4995967	0,096	0,307
CHR2	7302769	CHR2:7302769	SSF x Far_LoA	-8,89342409	-0,008	0,314
CHR2	7302776	CHR2:7302776	SSF x Far_LoA	-8,88102702	0,005	0,304
CHR2	7302820	CHR2:7302820	SSF x Far_LoA	-10,6736031	-0,069	0,307
CHR2	7302898	CHR2:7302898	SSF x Far_LoA	-8,48364561	-0,050	0,310
CHR2	7308980	CHR2:7308980	SSF x Far_LoA	-8,40008337	-0,009	0,325
CHR2	7309130	CHR2:7309130	SSF x Far_LoA	-9,38630357	-0,012	0,304
CHR2	7314129	CHR2:7314129	SSF x Far_LoA	-10,6520737	0,016	0,297
CHR2	7314142	CHR2:7314142	SSF x Far_LoA	-8,61246037	0,003	0,309
CHR2	7314166	CHR2:7314166	SSF x Far_LoA	-10,8448019	0,023	0,299
CHR2	7314373	CHR2:7314373	SSF x Far_LoA	-9,84135262	0,015	0,303
CHR2	7322748	CHR2:7322748	SSF x Far_LoA	-7,25630123	0,004	0,317
CHR2	7328083	CHR2:7328083	SSF x Far_LoA	-9,04174512	-0,016	0,312
CHR2	7328130	CHR2:7328130	SSF x Far_LoA	-6,38355176	-0,016	0,308
CHR2	7328203	CHR2:7328203	SSF x Far_LoA	-11,1884293	0,045	0,291
CHR2	7329131	CHR2:7329131	SSF x Far_LoA	-7,15671507	-0,137	0,303
CHR2	7329238	CHR2:7329238	SSF x Far_LoA	-6,91774859	0,175	0,289
CHR2	7347039	CHR2:7347039	SSF x Far_LoA	-8,78664448	-0,014	0,310
CHR2	7347066	CHR2:7347066	SSF x Far_LoA	-10,550255	0,167	0,290
CHR2	7347074	CHR2:7347074	SSF x Far_LoA	-9,50787396	-0,007	0,319
CHR2	7347092	CHR2:7347092	SSF x Far_LoA	-7,24416166	-0,142	0,297
CHR2	7347095	CHR2:7347095	SSF x Far_LoA	-10,5594366	-0,100	0,292
CHR2	7350996	CHR2:7350996	SSF x Far_LoA	-9,07820312	-0,012	0,310
CHR2	7353126	CHR2:7353126	SSF x Far_LoA	-11,2675325	0,006	0,306
CHR2	7353134	CHR2:7353134	SSF x Far_LoA	-10,7518201	-0,002	0,315
CHR2	7356375	CHR2:7356375	SSF x Far_LoA	-8,58389579	0,009	0,313
CHR2	7362799	CHR2:7362799	SSF x Far_LoA	-11,6668783	0,045	0,306
CHR2	7364807	CHR2:7364807	SSF x Far_LoA	-7,29109426	-0,020	0,292
CHR2	7364826	CHR2:7364826	SSF x Far_LoA	-10,2339493	0,060	0,307
CHR2	7364840	CHR2:7364840	SSF x Far_LoA	-11,6076504	0,034	0,321
CHR2	7364966	CHR2:7364966	SSF x Far_LoA	-7,95104804	0,039	0,304
CHR2	7365073	CHR2:7365073	SSF x Far_LoA	-5,88485262	0,149	0,310
CHR2	7370015	CHR2:7370015	SSF x Far_LoA	-11,1380338	0,021	0,308
CHR2	7376094	CHR2:7376094	SSF x Far_LoA	-9,81536406	-0,032	0,298
CHR2	7392266	CHR2:7392266	SSF x Far_LoA	-3,01841359	0,109	0,318
CHR2	7392316	CHR2:7392316	SSF x Far_LoA	-11,3347771	0,004	0,313
CHR2	7392407	CHR2:7392407	SSF x Far_LoA	-9,1844818	0,057	0,301
CHR2	7400456	CHR2:7400456	SSF x Far_LoA	-6,70121205	-0,160	0,264
CHR2	7400471	CHR2:7400471	SSF x Far_LoA	-7,37061533	0,090	0,313
CHR2	7400508	CHR2:7400508	SSF x Far_LoA	-10,5701633	-0,024	0,322
CHR2	7400541	CHR2:7400541	SSF x Far_LoA	-9,82012979	-0,004	0,311
CHR2	7402425	CHR2:7402425	SSF x Far_LoA	-8,50488966	0,079	0,312
CHR2	7402471	CHR2:7402471	SSF x Far_LoA	-8,63742774	-0,012	0,299
CHR2	7402981	CHR2:7402981	SSF x Far_LoA	-8,96935184	-0,100	0,295
CHR2	7403046	CHR2:7403046	SSF x Far_LoA	-11,4885905	-0,011	0,298
CHR2	7408721	CHR2:7408721	SSF x Far_LoA	-10,425242	0,054	0,295
CHR2	7408746	CHR2:7408746	SSF x Far_LoA	-8,95599387	0,048	0,309
CHR2	7419845	CHR2:7419845	SSF x Far_LoA	-11,1623445	0,029	0,308
CHR2	7420021	CHR2:7420021	SSF x Far_LoA	-10,8391565	0,072	0,312
CHR2	7420036	CHR2:7420036	SSF x Far_LoA	-10,0952974	-0,062	0,307
CHR2	7420046	CHR2:7420046	SSF x Far_LoA	-9,1348767	-0,061	0,311
CHR2	7420085	CHR2:7420085	SSF x Far_LoA	-9,44264866	0,083	0,303

CHR2	742208	CHR2:742208	SSF x Far_LoA	-9,11537742	0,022	0,305
CHR2	742258	CHR2:742258	SSF x Far_LoA	-10,3588121	-0,093	0,314
CHR2	7427503	CHR2:7427503	SSF x Far_LoA	-7,60987724	0,076	0,302
CHR2	7427839	CHR2:7427839	SSF x Far_LoA	-8,99824991	-0,069	0,317
CHR2	7427899	CHR2:7427899	SSF x Far_LoA	-10,3235402	0,030	0,307
CHR2	7435599	CHR2:7435599	SSF x Far_LoA	-8,47911069	-0,127	0,297
CHR2	7435605	CHR2:7435605	SSF x Far_LoA	-10,5810889	-0,037	0,306
CHR2	7436377	CHR2:7436377	SSF x Far_LoA	-10,0551461	0,052	0,300
CHR2	7453070	CHR2:7453070	SSF x Far_LoA	-8,17124052	-0,019	0,300
CHR2	7462552	CHR2:7462552	SSF x Far_LoA	-10,4201158	-0,013	0,324
CHR2	7462553	CHR2:7462553	SSF x Far_LoA	-9,26316096	-0,008	0,306
CHR2	7462565	CHR2:7462565	SSF x Far_LoA	-10,2646689	-0,019	0,293
CHR2	7462566	CHR2:7462566	SSF x Far_LoA	-9,06509371	0,037	0,300
CHR2	7462614	CHR2:7462614	SSF x Far_LoA	-10,1723741	-0,023	0,315
CHR2	7465249	CHR2:7465249	SSF x Far_LoA	-10,747179	-0,034	0,311
CHR2	7465283	CHR2:7465283	SSF x Far_LoA	-8,14441399	-0,038	0,317
CHR2	7465286	CHR2:7465286	SSF x Far_LoA	-6,16014083	-0,014	0,306
CHR2	7465340	CHR2:7465340	SSF x Far_LoA	-9,40763722	0,105	0,301
CHR2	7465363	CHR2:7465363	SSF x Far_LoA	-10,466786	0,022	0,300
CHR2	7473500	CHR2:7473500	SSF x Far_LoA	-8,97681724	-0,041	0,327
CHR2	7473521	CHR2:7473521	SSF x Far_LoA	-7,77951173	-0,041	0,298
CHR2	7473544	CHR2:7473544	SSF x Far_LoA	-8,5030688	-0,005	0,309
CHR2	7473555	CHR2:7473555	SSF x Far_LoA	-7,68480227	-0,020	0,313
CHR2	748705	CHR2:748705	SSF x Far_LoA	-9,91802943	0,039	0,315
CHR2	748808	CHR2:748808	SSF x Far_LoA	-11,1436037	0,055	0,290
CHR2	748818	CHR2:748818	SSF x Far_LoA	-9,4499073	-0,018	0,302
CHR2	7500581	CHR2:7500581	SSF x Far_LoA	-11,3224984	0,013	0,314
CHR2	7521331	CHR2:7521331	SSF x Far_LoA	-9,93670058	0,034	0,309
CHR2	7521464	CHR2:7521464	SSF x Far_LoA	-8,33440364	0,004	0,311
CHR2	7521497	CHR2:7521497	SSF x Far_LoA	-9,55175913	-0,082	0,303
CHR2	7521521	CHR2:7521521	SSF x Far_LoA	-10,1796661	-0,114	0,310
CHR2	7521534	CHR2:7521534	SSF x Far_LoA	-4,80355038	-0,067	0,313
CHR2	7529962	CHR2:7529962	SSF x Far_LoA	-7,70350859	0,037	0,309
CHR2	7530082	CHR2:7530082	SSF x Far_LoA	-9,30887807	0,078	0,313
CHR2	753435	CHR2:753435	SSF x Far_LoA	-7,94088135	-0,146	0,282
CHR2	753466	CHR2:753466	SSF x Far_LoA	-9,10447996	-0,039	0,308
CHR2	753514	CHR2:753514	SSF x Far_LoA	-7,66919672	0,167	0,302
CHR2	753527	CHR2:753527	SSF x Far_LoA	-9,81207921	0,052	0,307
CHR2	753528	CHR2:753528	SSF x Far_LoA	-10,2491023	0,055	0,304
CHR2	753547	CHR2:753547	SSF x Far_LoA	-5,05365288	-0,154	0,303
CHR2	753551	CHR2:753551	SSF x Far_LoA	-10,6639821	-0,082	0,299
CHR2	753571	CHR2:753571	SSF x Far_LoA	-8,08458457	0,048	0,300
CHR2	753574	CHR2:753574	SSF x Far_LoA	-9,10154176	-0,063	0,306
CHR2	753590	CHR2:753590	SSF x Far_LoA	-9,13433904	-0,048	0,301
CHR2	7536062	CHR2:7536062	SSF x Far_LoA	-10,1123512	-0,039	0,303
CHR2	7539582	CHR2:7539582	SSF x Far_LoA	-7,6271258	-0,081	0,314
CHR2	7539626	CHR2:7539626	SSF x Far_LoA	-8,36755483	0,054	0,289
CHR2	7539652	CHR2:7539652	SSF x Far_LoA	-8,01963666	-0,005	0,304
CHR2	7539712	CHR2:7539712	SSF x Far_LoA	-8,35447032	-0,042	0,301
CHR2	7539722	CHR2:7539722	SSF x Far_LoA	-9,13084133	-0,014	0,305
CHR2	7539736	CHR2:7539736	SSF x Far_LoA	-8,75811713	0,098	0,304
CHR2	7539808	CHR2:7539808	SSF x Far_LoA	-10,7724081	-0,097	0,289
CHR2	7546765	CHR2:7546765	SSF x Far_LoA	-10,0465739	0,007	0,306

CHR2	7546776	CHR2:7546776	SSF x Far_LoA	-9,66819974	0,000	0,302
CHR2	7546874	CHR2:7546874	SSF x Far_LoA	-10,9185401	-0,046	0,320
CHR2	7560130	CHR2:7560130	SSF x Far_LoA	-10,2988883	0,044	0,299
CHR2	7560212	CHR2:7560212	SSF x Far_LoA	-8,43949151	-0,058	0,306
CHR2	7567534	CHR2:7567534	SSF x Far_LoA	-11,3344141	0,069	0,311
CHR2	7577923	CHR2:7577923	SSF x Far_LoA	-10,6690515	0,017	0,322
CHR2	7577989	CHR2:7577989	SSF x Far_LoA	-8,0408297	0,083	0,295
CHR2	7578607	CHR2:7578607	SSF x Far_LoA	-8,25022365	-0,019	0,315
CHR2	7578640	CHR2:7578640	SSF x Far_LoA	-9,74776565	0,034	0,317
CHR2	7578708	CHR2:7578708	SSF x Far_LoA	-5,43640093	-0,045	0,330
CHR2	7582911	CHR2:7582911	SSF x Far_LoA	-10,3144	-0,038	0,299
CHR2	7584917	CHR2:7584917	SSF x Far_LoA	-7,3541392	-0,111	0,305
CHR2	7586836	CHR2:7586836	SSF x Far_LoA	-8,03148304	0,112	0,307
CHR2	7588850	CHR2:7588850	SSF x Far_LoA	-11,1417868	0,061	0,324
CHR2	759039	CHR2:759039	SSF x Far_LoA	-11,740171	0,005	0,313
CHR2	759045	CHR2:759045	SSF x Far_LoA	-8,2696259	-0,023	0,306
CHR2	7591421	CHR2:7591421	SSF x Far_LoA	-8,42887766	-0,075	0,311
CHR2	7591445	CHR2:7591445	SSF x Far_LoA	-8,01267392	-0,018	0,315
CHR2	7591667	CHR2:7591667	SSF x Far_LoA	-8,94165098	-0,129	0,298
CHR2	7591673	CHR2:7591673	SSF x Far_LoA	-8,84326237	-0,033	0,312
CHR2	7591718	CHR2:7591718	SSF x Far_LoA	-8,51581974	-0,054	0,320
CHR2	7603825	CHR2:7603825	SSF x Far_LoA	-7,61764298	0,068	0,321
CHR2	7608295	CHR2:7608295	SSF x Far_LoA	-7,69980821	0,230	0,280
CHR2	7612120	CHR2:7612120	SSF x Far_LoA	-9,88308433	-0,016	0,325
CHR2	7612139	CHR2:7612139	SSF x Far_LoA	-9,47337931	0,040	0,304
CHR2	7612225	CHR2:7612225	SSF x Far_LoA	-10,3685862	0,060	0,302
CHR2	7612267	CHR2:7612267	SSF x Far_LoA	-9,16009856	0,113	0,310
CHR2	7638873	CHR2:7638873	SSF x Far_LoA	-10,1565758	-0,028	0,295
CHR2	7638891	CHR2:7638891	SSF x Far_LoA	-11,211534	-0,022	0,306
CHR2	7638951	CHR2:7638951	SSF x Far_LoA	-7,84139197	0,161	0,288
CHR2	7644115	CHR2:7644115	SSF x Far_LoA	-11,392519	-0,010	0,304
CHR2	7644184	CHR2:7644184	SSF x Far_LoA	-11,1145938	-0,027	0,303
CHR2	7646020	CHR2:7646020	SSF x Far_LoA	-11,8146199	0,002	0,307
CHR2	7646193	CHR2:7646193	SSF x Far_LoA	-9,80888057	-0,018	0,307
CHR2	7646964	CHR2:7646964	SSF x Far_LoA	-10,6894452	0,012	0,304
CHR2	7646966	CHR2:7646966	SSF x Far_LoA	-11,5403926	-0,023	0,302
CHR2	7646991	CHR2:7646991	SSF x Far_LoA	-10,1976769	0,085	0,302
CHR2	7646993	CHR2:7646993	SSF x Far_LoA	-8,89506068	0,024	0,323
CHR2	7652799	CHR2:7652799	SSF x Far_LoA	-11,0630931	0,027	0,312
CHR2	7652888	CHR2:7652888	SSF x Far_LoA	-10,340846	-0,004	0,312
CHR2	7652917	CHR2:7652917	SSF x Far_LoA	-9,24407732	-0,043	0,313
CHR2	7656987	CHR2:7656987	SSF x Far_LoA	-8,42651484	0,071	0,300
CHR2	7657048	CHR2:7657048	SSF x Far_LoA	-7,86108313	0,070	0,294
CHR2	7662644	CHR2:7662644	SSF x Far_LoA	-10,1439966	0,066	0,300
CHR2	7662842	CHR2:7662842	SSF x Far_LoA	-8,77857995	0,071	0,311
CHR2	7664235	CHR2:7664235	SSF x Far_LoA	-9,41405849	-0,115	0,300
CHR2	7664240	CHR2:7664240	SSF x Far_LoA	-4,34080777	0,179	0,294
CHR2	7664864	CHR2:7664864	SSF x Far_LoA	-5,29457193	0,113	0,289
CHR2	7664866	CHR2:7664866	SSF x Far_LoA	-9,51672492	-0,027	0,293
CHR2	7664879	CHR2:7664879	SSF x Far_LoA	-8,05269906	0,009	0,299
CHR2	7669001	CHR2:7669001	SSF x Far_LoA	-4,75383111	-0,143	0,302
CHR2	7669002	CHR2:7669002	SSF x Far_LoA	-4,4703273	-0,195	0,280
CHR2	766966	CHR2:766966	SSF x Far_LoA	-8,50028457	-0,110	0,305

CHR2	766971	CHR2:766971	SSF x Far_LoA	-9,5082325	0,042	0,302
CHR2	7678738	CHR2:7678738	SSF x Far_LoA	-8,48544035	-0,005	0,321
CHR2	7681678	CHR2:7681678	SSF x Far_LoA	-8,97946531	-0,109	0,310
CHR2	7682587	CHR2:7682587	SSF x Far_LoA	-10,9610642	0,076	0,306
CHR2	7682638	CHR2:7682638	SSF x Far_LoA	-6,41101519	-0,038	0,298
CHR2	7682648	CHR2:7682648	SSF x Far_LoA	-6,98460057	0,061	0,297
CHR2	7685319	CHR2:7685319	SSF x Far_LoA	-10,1849422	0,021	0,291
CHR2	7685354	CHR2:7685354	SSF x Far_LoA	-9,65953919	0,063	0,296
CHR2	7685366	CHR2:7685366	SSF x Far_LoA	-8,66303693	0,028	0,297
CHR2	7685392	CHR2:7685392	SSF x Far_LoA	-10,0208108	0,058	0,307
CHR2	7686879	CHR2:7686879	SSF x Far_LoA	-7,86115523	-0,101	0,301
CHR2	7686910	CHR2:7686910	SSF x Far_LoA	3,3040013	-0,029	0,313
CHR2	768717	CHR2:768717	SSF x Far_LoA	-9,92323769	0,055	0,302
CHR2	768720	CHR2:768720	SSF x Far_LoA	-9,19798852	-0,018	0,307
CHR2	768765	CHR2:768765	SSF x Far_LoA	-6,84757928	-0,127	0,307
CHR2	768766	CHR2:768766	SSF x Far_LoA	-7,5934407	-0,125	0,298
CHR2	768801	CHR2:768801	SSF x Far_LoA	-9,11204105	-0,046	0,319
CHR2	768825	CHR2:768825	SSF x Far_LoA	-10,1739434	-0,054	0,316
CHR2	768828	CHR2:768828	SSF x Far_LoA	-9,71273132	-0,057	0,309
CHR2	7697145	CHR2:7697145	SSF x Far_LoA	-7,12851695	0,081	0,290
CHR2	7697276	CHR2:7697276	SSF x Far_LoA	-9,09779651	0,024	0,319
CHR2	7697283	CHR2:7697283	SSF x Far_LoA	-8,63104915	0,019	0,301
CHR2	7697296	CHR2:7697296	SSF x Far_LoA	-7,84561635	0,003	0,296
CHR2	7697368	CHR2:7697368	SSF x Far_LoA	-10,0445074	-0,005	0,321
CHR2	7700813	CHR2:7700813	SSF x Far_LoA	-6,61576708	0,221	0,279
CHR2	7700842	CHR2:7700842	SSF x Far_LoA	-9,14149415	-0,063	0,295
CHR2	7700848	CHR2:7700848	SSF x Far_LoA	-10,1466667	-0,146	0,320
CHR2	7700935	CHR2:7700935	SSF x Far_LoA	-7,76277835	-0,191	0,300
CHR2	7700953	CHR2:7700953	SSF x Far_LoA	-5,11779473	-0,178	0,284
CHR2	7704750	CHR2:7704750	SSF x Far_LoA	-8,72089289	-0,009	0,297
CHR2	7718297	CHR2:7718297	SSF x Far_LoA	-9,8438239	-0,104	0,304
CHR2	7718357	CHR2:7718357	SSF x Far_LoA	-10,7244915	-0,051	0,301
CHR2	7718385	CHR2:7718385	SSF x Far_LoA	-9,78120874	0,022	0,289
CHR2	7718404	CHR2:7718404	SSF x Far_LoA	-8,38340498	0,012	0,312
CHR2	7718407	CHR2:7718407	SSF x Far_LoA	-8,73238379	-0,007	0,305
CHR2	7718489	CHR2:7718489	SSF x Far_LoA	-6,1686815	-0,116	0,294
CHR2	7718556	CHR2:7718556	SSF x Far_LoA	-10,9125311	-0,022	0,296
CHR2	7743015	CHR2:7743015	SSF x Far_LoA	-11,2930307	0,084	0,304
CHR2	7743192	CHR2:7743192	SSF x Far_LoA	-10,3713009	-0,008	0,295
CHR2	7743210	CHR2:7743210	SSF x Far_LoA	-9,53883591	0,013	0,309
CHR2	7743239	CHR2:7743239	SSF x Far_LoA	-10,3599141	0,083	0,301
CHR2	7743251	CHR2:7743251	SSF x Far_LoA	-9,26922416	-0,128	0,304
CHR2	7743302	CHR2:7743302	SSF x Far_LoA	-10,7117195	0,053	0,305
CHR2	7750471	CHR2:7750471	SSF x Far_LoA	-12,1742123	-0,003	0,294
CHR2	7750782	CHR2:7750782	SSF x Far_LoA	-11,0445733	0,007	0,305
CHR2	7750792	CHR2:7750792	SSF x Far_LoA	-11,0153046	0,004	0,305
CHR2	7757612	CHR2:7757612	SSF x Far_LoA	-9,4318852	-0,071	0,302
CHR2	7757616	CHR2:7757616	SSF x Far_LoA	-7,10636242	0,135	0,299
CHR2	7763271	CHR2:7763271	SSF x Far_LoA	-9,23098076	0,008	0,317
CHR2	7765172	CHR2:7765172	SSF x Far_LoA	-9,09210297	-0,114	0,299
CHR2	7765392	CHR2:7765392	SSF x Far_LoA	-7,67352113	-0,078	0,303
CHR2	7772223	CHR2:7772223	SSF x Far_LoA	-11,3104666	0,083	0,310
CHR2	7772224	CHR2:7772224	SSF x Far_LoA	-8,96734988	-0,066	0,303

CHR2	7772425	CHR2:7772425	SSF x Far_LoA	-11,4001124	-0,050	0,308
CHR2	7772482	CHR2:7772482	SSF x Far_LoA	-8,81300732	0,000	0,316
CHR2	7785799	CHR2:7785799	SSF x Far_LoA	-9,58780038	0,038	0,305
CHR2	7790172	CHR2:7790172	SSF x Far_LoA	-10,1739346	-0,024	0,301
CHR2	7790177	CHR2:7790177	SSF x Far_LoA	-1,38720211	0,037	0,308
CHR2	7790199	CHR2:7790199	SSF x Far_LoA	-8,08834498	-0,101	0,305
CHR2	7790204	CHR2:7790204	SSF x Far_LoA	-8,56348209	0,000	0,312
CHR2	7790272	CHR2:7790272	SSF x Far_LoA	-8,18677219	-0,050	0,309
CHR2	7790288	CHR2:7790288	SSF x Far_LoA	-9,44173678	-0,056	0,305
CHR2	7790306	CHR2:7790306	SSF x Far_LoA	-6,04189026	-0,143	0,308
CHR2	7790330	CHR2:7790330	SSF x Far_LoA	1,82524892	0,057	0,314
CHR2	7790373	CHR2:7790373	SSF x Far_LoA	-7,40256186	-0,133	0,297
CHR2	7816692	CHR2:7816692	SSF x Far_LoA	-5,66743147	-0,161	0,280
CHR2	781929	CHR2:781929	SSF x Far_LoA	-7,78241908	-0,128	0,314
CHR2	782017	CHR2:782017	SSF x Far_LoA	-8,56092437	-0,068	0,308
CHR2	7821428	CHR2:7821428	SSF x Far_LoA	-10,7321404	0,078	0,302
CHR2	7821449	CHR2:7821449	SSF x Far_LoA	-8,21559489	0,005	0,313
CHR2	7821666	CHR2:7821666	SSF x Far_LoA	-10,6767366	0,015	0,315
CHR2	7821721	CHR2:7821721	SSF x Far_LoA	-8,92371964	-0,066	0,307
CHR2	7821723	CHR2:7821723	SSF x Far_LoA	-6,46877056	0,056	0,316
CHR2	7821740	CHR2:7821740	SSF x Far_LoA	-9,250032	-0,002	0,306
CHR2	7821748	CHR2:7821748	SSF x Far_LoA	-10,8101853	-0,017	0,315
CHR2	7825274	CHR2:7825274	SSF x Far_LoA	-11,3640104	-0,034	0,303
CHR2	7825387	CHR2:7825387	SSF x Far_LoA	-8,40659174	0,067	0,317
CHR2	7825441	CHR2:7825441	SSF x Far_LoA	-10,699455	0,134	0,296
CHR2	7829237	CHR2:7829237	SSF x Far_LoA	-6,53119874	-0,230	0,290
CHR2	7829279	CHR2:7829279	SSF x Far_LoA	-9,97788295	-0,059	0,309
CHR2	7829294	CHR2:7829294	SSF x Far_LoA	-8,68797634	-0,106	0,306
CHR2	7829324	CHR2:7829324	SSF x Far_LoA	-7,77740735	-0,005	0,311
CHR2	7829353	CHR2:7829353	SSF x Far_LoA	-11,5337264	0,048	0,307
CHR2	7829432	CHR2:7829432	SSF x Far_LoA	-3,48727587	-0,193	0,294
CHR2	7832933	CHR2:7832933	SSF x Far_LoA	-4,87522609	-0,002	0,311
CHR2	7832942	CHR2:7832942	SSF x Far_LoA	-6,55877067	-0,051	0,297
CHR2	7832963	CHR2:7832963	SSF x Far_LoA	-9,93592006	-0,056	0,301
CHR2	7844603	CHR2:7844603	SSF x Far_LoA	-4,77763841	-0,102	0,309
CHR2	7853037	CHR2:7853037	SSF x Far_LoA	-8,835918	-0,146	0,291
CHR2	7853040	CHR2:7853040	SSF x Far_LoA	-10,1491196	0,004	0,304
CHR2	7853209	CHR2:7853209	SSF x Far_LoA	-6,56309421	-0,089	0,303
CHR2	7860832	CHR2:7860832	SSF x Far_LoA	-10,8517366	-0,087	0,299
CHR2	7860875	CHR2:7860875	SSF x Far_LoA	-9,24445824	-0,057	0,298
CHR2	7860909	CHR2:7860909	SSF x Far_LoA	-10,0127806	-0,022	0,307
CHR2	7860914	CHR2:7860914	SSF x Far_LoA	-9,33833287	0,172	0,305
CHR2	7861172	CHR2:7861172	SSF x Far_LoA	-5,88306962	0,155	0,302
CHR2	7861181	CHR2:7861181	SSF x Far_LoA	-7,71607359	-0,149	0,306
CHR2	7866674	CHR2:7866674	SSF x Far_LoA	-9,64886355	0,076	0,307
CHR2	7866778	CHR2:7866778	SSF x Far_LoA	-9,43216927	0,012	0,314
CHR2	7866800	CHR2:7866800	SSF x Far_LoA	-8,55487329	-0,075	0,313
CHR2	7876519	CHR2:7876519	SSF x Far_LoA	-9,09721324	0,001	0,307
CHR2	7876572	CHR2:7876572	SSF x Far_LoA	-9,16064625	-0,034	0,295
CHR2	7876606	CHR2:7876606	SSF x Far_LoA	2,68014718	0,072	0,309
CHR2	7876668	CHR2:7876668	SSF x Far_LoA	-10,7150316	0,039	0,311
CHR2	7876670	CHR2:7876670	SSF x Far_LoA	-11,1831351	0,036	0,308
CHR2	7876679	CHR2:7876679	SSF x Far_LoA	-9,93899913	0,084	0,309

CHR2	7881808	CHR2:7881808	SSF x Far_LoA	-8,77801825	-0,015	0,308
CHR2	7882052	CHR2:7882052	SSF x Far_LoA	-9,768499	0,045	0,313
CHR2	7888826	CHR2:7888826	SSF x Far_LoA	-6,6862672	0,157	0,298
CHR2	7888857	CHR2:7888857	SSF x Far_LoA	-10,796148	-0,116	0,303
CHR2	7892998	CHR2:7892998	SSF x Far_LoA	-11,0228135	0,026	0,306
CHR2	7893252	CHR2:7893252	SSF x Far_LoA	-11,05356	-0,033	0,299
CHR2	7894869	CHR2:7894869	SSF x Far_LoA	-8,38609129	-0,191	0,302
CHR2	7894956	CHR2:7894956	SSF x Far_LoA	-6,91777178	0,196	0,290
CHR2	7902947	CHR2:7902947	SSF x Far_LoA	-11,6512872	0,022	0,303
CHR2	7916054	CHR2:7916054	SSF x Far_LoA	-8,66840982	0,057	0,307
CHR2	7917900	CHR2:7917900	SSF x Far_LoA	-8,28990467	-0,009	0,322
CHR2	7918042	CHR2:7918042	SSF x Far_LoA	-10,9165996	0,048	0,299
CHR2	7941307	CHR2:7941307	SSF x Far_LoA	-9,64886441	-0,102	0,317
CHR2	7941431	CHR2:7941431	SSF x Far_LoA	-10,9485148	-0,050	0,297
CHR2	7982583	CHR2:7982583	SSF x Far_LoA	-10,8000785	-0,062	0,304
CHR2	7982873	CHR2:7982873	SSF x Far_LoA	-11,972656	0,019	0,310
CHR2	7988050	CHR2:7988050	SSF x Far_LoA	-8,70430096	-0,070	0,316
CHR2	8000055	CHR2:8000055	SSF x Far_LoA	-10,1653369	0,098	0,306
CHR2	8001752	CHR2:8001752	SSF x Far_LoA	-9,6304919	-0,147	0,299
CHR2	8001781	CHR2:8001781	SSF x Far_LoA	-7,42073706	-0,189	0,308
CHR2	8001809	CHR2:8001809	SSF x Far_LoA	-9,98997326	0,098	0,306
CHR2	8001841	CHR2:8001841	SSF x Far_LoA	1,33549055	-0,093	0,306
CHR2	8001870	CHR2:8001870	SSF x Far_LoA	-8,94277123	0,159	0,299
CHR2	8001906	CHR2:8001906	SSF x Far_LoA	-9,83161794	-0,069	0,291
CHR2	8001943	CHR2:8001943	SSF x Far_LoA	-6,68847614	0,115	0,299
CHR2	8004126	CHR2:8004126	SSF x Far_LoA	-10,2695604	-0,091	0,310
CHR2	8004141	CHR2:8004141	SSF x Far_LoA	-10,2398838	0,042	0,303
CHR2	8004198	CHR2:8004198	SSF x Far_LoA	-7,60980044	-0,119	0,301
CHR2	8005440	CHR2:8005440	SSF x Far_LoA	-4,11595545	0,195	0,306
CHR2	8033915	CHR2:8033915	SSF x Far_LoA	-8,79043263	-0,125	0,313
CHR2	8041361	CHR2:8041361	SSF x Far_LoA	-9,46905382	-0,035	0,295
CHR2	804937	CHR2:804937	SSF x Far_LoA	-4,88982525	-0,221	0,286
CHR2	8055289	CHR2:8055289	SSF x Far_LoA	-7,28657222	-0,104	0,304
CHR2	8072440	CHR2:8072440	SSF x Far_LoA	-8,80362691	-0,029	0,311
CHR2	8072508	CHR2:8072508	SSF x Far_LoA	-11,8832055	-0,002	0,285
CHR2	8072511	CHR2:8072511	SSF x Far_LoA	-8,91742274	0,006	0,312
CHR2	8072619	CHR2:8072619	SSF x Far_LoA	-10,3068774	-0,028	0,295
CHR2	8078717	CHR2:8078717	SSF x Far_LoA	-7,6162464	0,060	0,318
CHR2	8078719	CHR2:8078719	SSF x Far_LoA	-9,70492837	0,104	0,310
CHR2	8078720	CHR2:8078720	SSF x Far_LoA	-9,40339915	0,077	0,307
CHR2	8078736	CHR2:8078736	SSF x Far_LoA	-11,238435	-0,070	0,305
CHR2	8078738	CHR2:8078738	SSF x Far_LoA	-8,81687995	-0,070	0,296
CHR2	8078769	CHR2:8078769	SSF x Far_LoA	-10,2128601	-0,057	0,312
CHR2	8078785	CHR2:8078785	SSF x Far_LoA	-11,6587216	0,054	0,303
CHR2	8078795	CHR2:8078795	SSF x Far_LoA	19,2177204	0,100	0,306
CHR2	8078848	CHR2:8078848	SSF x Far_LoA	-7,31697059	-0,064	0,301
CHR2	8078918	CHR2:8078918	SSF x Far_LoA	-9,0004417	-0,023	0,300
CHR2	8078927	CHR2:8078927	SSF x Far_LoA	-8,55484715	0,001	0,305
CHR2	8078932	CHR2:8078932	SSF x Far_LoA	-9,73072952	0,001	0,303
CHR2	8078953	CHR2:8078953	SSF x Far_LoA	-9,33163498	0,024	0,302
CHR2	8081114	CHR2:8081114	SSF x Far_LoA	-9,61792458	0,155	0,294
CHR2	8081188	CHR2:8081188	SSF x Far_LoA	-9,84121921	-0,023	0,302
CHR2	8083162	CHR2:8083162	SSF x Far_LoA	-10,1540055	0,059	0,305

CHR2	8083173	CHR2:8083173	SSF x Far_LoA	-9,00597072	-0,049	0,302
CHR2	8083375	CHR2:8083375	SSF x Far_LoA	-9,61539755	0,036	0,316
CHR2	8092578	CHR2:8092578	SSF x Far_LoA	-8,53560211	0,069	0,311
CHR2	8092669	CHR2:8092669	SSF x Far_LoA	-5,79029964	-0,158	0,303
CHR2	8096609	CHR2:8096609	SSF x Far_LoA	-9,3308625	-0,111	0,311
CHR2	8096638	CHR2:8096638	SSF x Far_LoA	-10,1478372	0,102	0,313
CHR2	8096644	CHR2:8096644	SSF x Far_LoA	-9,54246967	-0,033	0,318
CHR2	8096646	CHR2:8096646	SSF x Far_LoA	-6,80105292	-0,129	0,298
CHR2	8102336	CHR2:8102336	SSF x Far_LoA	-9,95080309	-0,051	0,301
CHR2	8102375	CHR2:8102375	SSF x Far_LoA	-10,0686732	-0,047	0,303
CHR2	8112277	CHR2:8112277	SSF x Far_LoA	-11,9096854	0,070	0,294
CHR2	8112393	CHR2:8112393	SSF x Far_LoA	-9,4979236	-0,027	0,307
CHR2	8112397	CHR2:8112397	SSF x Far_LoA	-9,56155206	-0,063	0,314
CHR2	811386	CHR2:811386	SSF x Far_LoA	-11,0795978	0,061	0,297
CHR2	811411	CHR2:811411	SSF x Far_LoA	-10,4604959	0,030	0,307
CHR2	8116802	CHR2:8116802	SSF x Far_LoA	-12,488275	0,031	0,305
CHR2	8116879	CHR2:8116879	SSF x Far_LoA	-12,6619932	-0,049	0,279
CHR2	811697	CHR2:811697	SSF x Far_LoA	-10,4477313	-0,080	0,305
CHR2	811772	CHR2:811772	SSF x Far_LoA	-5,21900613	-0,085	0,301
CHR2	811800	CHR2:811800	SSF x Far_LoA	-10,357843	-0,067	0,309
CHR2	811860	CHR2:811860	SSF x Far_LoA	-9,19625725	0,007	0,300
CHR2	8122261	CHR2:8122261	SSF x Far_LoA	-11,1783098	-0,022	0,320
CHR2	8122303	CHR2:8122303	SSF x Far_LoA	-9,1759271	-0,014	0,302
CHR2	8126638	CHR2:8126638	SSF x Far_LoA	-8,73760835	0,129	0,312
CHR2	8129118	CHR2:8129118	SSF x Far_LoA	-11,5175101	0,007	0,312
CHR2	8139808	CHR2:8139808	SSF x Far_LoA	-10,567875	0,038	0,293
CHR2	8139830	CHR2:8139830	SSF x Far_LoA	-10,4971015	0,018	0,298
CHR2	8139836	CHR2:8139836	SSF x Far_LoA	-10,4336254	0,051	0,300
CHR2	8139901	CHR2:8139901	SSF x Far_LoA	-6,03898818	0,043	0,315
CHR2	8139940	CHR2:8139940	SSF x Far_LoA	-6,21525107	0,144	0,293
CHR2	8139954	CHR2:8139954	SSF x Far_LoA	-6,66836815	0,208	0,298
CHR2	8139991	CHR2:8139991	SSF x Far_LoA	-9,91201486	-0,058	0,318
CHR2	8140028	CHR2:8140028	SSF x Far_LoA	-10,934815	-0,023	0,321
CHR2	8144638	CHR2:8144638	SSF x Far_LoA	-7,83347086	-0,094	0,304
CHR2	8152222	CHR2:8152222	SSF x Far_LoA	-10,635666	0,054	0,290
CHR2	8152276	CHR2:8152276	SSF x Far_LoA	-9,9697183	-0,111	0,309
CHR2	8152279	CHR2:8152279	SSF x Far_LoA	-8,95777159	0,026	0,302
CHR2	8152315	CHR2:8152315	SSF x Far_LoA	-9,23832632	-0,068	0,309
CHR2	8152375	CHR2:8152375	SSF x Far_LoA	-7,95857644	-0,048	0,312
CHR2	8164295	CHR2:8164295	SSF x Far_LoA	-9,31449783	0,073	0,316
CHR2	8164342	CHR2:8164342	SSF x Far_LoA	-9,60764737	0,038	0,312
CHR2	8164391	CHR2:8164391	SSF x Far_LoA	-9,4449843	0,053	0,318
CHR2	8164910	CHR2:8164910	SSF x Far_LoA	-10,7582596	0,018	0,310
CHR2	8164938	CHR2:8164938	SSF x Far_LoA	-8,94819806	-0,059	0,313
CHR2	8164957	CHR2:8164957	SSF x Far_LoA	-7,28592062	0,047	0,306
CHR2	8166454	CHR2:8166454	SSF x Far_LoA	-9,68709239	0,097	0,303
CHR2	8171187	CHR2:8171187	SSF x Far_LoA	-10,2004576	0,002	0,309
CHR2	8193615	CHR2:8193615	SSF x Far_LoA	-9,76129321	0,008	0,306
CHR2	8193662	CHR2:8193662	SSF x Far_LoA	-10,5084153	-0,053	0,304
CHR2	8193697	CHR2:8193697	SSF x Far_LoA	-8,67707431	0,053	0,318
CHR2	8193761	CHR2:8193761	SSF x Far_LoA	-9,36013921	0,056	0,327
CHR2	8193781	CHR2:8193781	SSF x Far_LoA	-9,28506389	0,012	0,304
CHR2	8193808	CHR2:8193808	SSF x Far_LoA	-9,70071951	-0,032	0,316

CHR2	8193811	CHR2:8193811	SSF x Far_LoA	-6,89536606	-0,064	0,318
CHR2	8193814	CHR2:8193814	SSF x Far_LoA	-10,7905817	-0,030	0,298
CHR2	8193870	CHR2:8193870	SSF x Far_LoA	-9,58881396	-0,067	0,304
CHR2	8203541	CHR2:8203541	SSF x Far_LoA	-8,53125193	0,080	0,307
CHR2	8203554	CHR2:8203554	SSF x Far_LoA	-9,87580902	-0,050	0,307
CHR2	8203569	CHR2:8203569	SSF x Far_LoA	-9,97185242	-0,073	0,299
CHR2	8203601	CHR2:8203601	SSF x Far_LoA	-10,4194153	0,000	0,309
CHR2	8203758	CHR2:8203758	SSF x Far_LoA	-8,04598359	-0,136	0,310
CHR2	8208606	CHR2:8208606	SSF x Far_LoA	-11,4976754	-0,044	0,309
CHR2	8213618	CHR2:8213618	SSF x Far_LoA	-8,20965475	0,086	0,314
CHR2	8217667	CHR2:8217667	SSF x Far_LoA	-10,811043	-0,002	0,293
CHR2	8217668	CHR2:8217668	SSF x Far_LoA	-9,08140997	0,004	0,312
CHR2	8219157	CHR2:8219157	SSF x Far_LoA	-6,78503569	0,097	0,312
CHR2	8219183	CHR2:8219183	SSF x Far_LoA	-11,2621311	0,005	0,307
CHR2	8219206	CHR2:8219206	SSF x Far_LoA	-8,78550154	0,057	0,303
CHR2	8223535	CHR2:8223535	SSF x Far_LoA	-9,11321629	0,062	0,307
CHR2	8223554	CHR2:8223554	SSF x Far_LoA	-8,5677192	-0,018	0,319
CHR2	8223590	CHR2:8223590	SSF x Far_LoA	-8,58910422	-0,047	0,307
CHR2	8223616	CHR2:8223616	SSF x Far_LoA	-9,922814	-0,012	0,305
CHR2	8223642	CHR2:8223642	SSF x Far_LoA	-6,69867391	0,131	0,297
CHR2	8223648	CHR2:8223648	SSF x Far_LoA	-6,8473204	-0,005	0,318
CHR2	8223682	CHR2:8223682	SSF x Far_LoA	-5,09936266	-0,024	0,303
CHR2	8225283	CHR2:8225283	SSF x Far_LoA	-10,0444929	-0,102	0,307
CHR2	8225302	CHR2:8225302	SSF x Far_LoA	-9,09822173	0,042	0,318
CHR2	8225955	CHR2:8225955	SSF x Far_LoA	-9,21485834	-0,083	0,315
CHR2	8228910	CHR2:8228910	SSF x Far_LoA	-7,92309167	-0,035	0,321
CHR2	8229274	CHR2:8229274	SSF x Far_LoA	-11,3805545	0,061	0,295
CHR2	8242114	CHR2:8242114	SSF x Far_LoA	-7,31678671	0,111	0,308
CHR2	8242115	CHR2:8242115	SSF x Far_LoA	-8,23473674	0,092	0,312
CHR2	8242153	CHR2:8242153	SSF x Far_LoA	-7,54109136	-0,009	0,308
CHR2	8242192	CHR2:8242192	SSF x Far_LoA	-7,52239917	0,163	0,294
CHR2	8243101	CHR2:8243101	SSF x Far_LoA	-8,10027478	0,091	0,299
CHR2	8243109	CHR2:8243109	SSF x Far_LoA	-9,10184691	0,078	0,300
CHR2	8243121	CHR2:8243121	SSF x Far_LoA	3,40719822	0,032	0,293
CHR2	8253883	CHR2:8253883	SSF x Far_LoA	-10,3590068	-0,039	0,307
CHR2	8253885	CHR2:8253885	SSF x Far_LoA	-9,71850451	0,006	0,320
CHR2	8254777	CHR2:8254777	SSF x Far_LoA	-9,40481737	-0,074	0,297
CHR2	8259473	CHR2:8259473	SSF x Far_LoA	-5,54536194	0,158	0,301
CHR2	8264406	CHR2:8264406	SSF x Far_LoA	-11,2116585	-0,048	0,303
CHR2	8265919	CHR2:8265919	SSF x Far_LoA	-9,55877161	0,065	0,305
CHR2	8266006	CHR2:8266006	SSF x Far_LoA	-11,858732	-0,060	0,293
CHR2	8266017	CHR2:8266017	SSF x Far_LoA	-10,0509246	-0,157	0,299
CHR2	8283020	CHR2:8283020	SSF x Far_LoA	-11,0822403	0,021	0,318
CHR2	8283141	CHR2:8283141	SSF x Far_LoA	-5,88923189	0,051	0,317
CHR2	8307747	CHR2:8307747	SSF x Far_LoA	-9,54010995	0,000	0,295
CHR2	8307813	CHR2:8307813	SSF x Far_LoA	-11,3475455	0,005	0,306
CHR2	8313362	CHR2:8313362	SSF x Far_LoA	-8,65657321	0,018	0,306
CHR2	8313544	CHR2:8313544	SSF x Far_LoA	-9,6833567	0,028	0,302
CHR2	8319314	CHR2:8319314	SSF x Far_LoA	-9,42920524	0,052	0,302
CHR2	8319396	CHR2:8319396	SSF x Far_LoA	-9,63720434	-0,088	0,302
CHR2	8336988	CHR2:8336988	SSF x Far_LoA	-9,85849165	0,016	0,303
CHR2	8337064	CHR2:8337064	SSF x Far_LoA	-11,2573947	-0,046	0,308
CHR2	8340763	CHR2:8340763	SSF x Far_LoA	-8,3197419	0,091	0,301

CHR2	8347520	CHR2:8347520	SSF x Far_LoA	-11,7131912	-0,032	0,309
CHR2	8347697	CHR2:8347697	SSF x Far_LoA	-10,6329396	0,011	0,302
CHR2	8347733	CHR2:8347733	SSF x Far_LoA	-11,0092169	0,078	0,307
CHR2	8354852	CHR2:8354852	SSF x Far_LoA	-11,2106231	-0,029	0,314
CHR2	8357868	CHR2:8357868	SSF x Far_LoA	-11,3272473	-0,020	0,306
CHR2	8362582	CHR2:8362582	SSF x Far_LoA	-8,7717871	0,003	0,310
CHR2	8362589	CHR2:8362589	SSF x Far_LoA	-9,79717891	0,066	0,300
CHR2	8362596	CHR2:8362596	SSF x Far_LoA	-9,19179028	0,037	0,300
CHR2	8362610	CHR2:8362610	SSF x Far_LoA	-8,3614605	0,080	0,296
CHR2	8362619	CHR2:8362619	SSF x Far_LoA	-8,52423462	0,034	0,301
CHR2	8373640	CHR2:8373640	SSF x Far_LoA	-10,7417315	-0,103	0,293
CHR2	8373809	CHR2:8373809	SSF x Far_LoA	-9,07363444	0,047	0,318
CHR2	8373824	CHR2:8373824	SSF x Far_LoA	-3,37099936	0,172	0,280
CHR2	8373827	CHR2:8373827	SSF x Far_LoA	-6,76030047	0,154	0,298
CHR2	8382072	CHR2:8382072	SSF x Far_LoA	-8,69275155	0,078	0,314
CHR2	8382153	CHR2:8382153	SSF x Far_LoA	-7,24168889	-0,133	0,311
CHR2	8385065	CHR2:8385065	SSF x Far_LoA	-8,90580081	0,108	0,303
CHR2	8385191	CHR2:8385191	SSF x Far_LoA	-11,6261768	0,063	0,303
CHR2	8413036	CHR2:8413036	SSF x Far_LoA	-10,1620556	0,116	0,293
CHR2	8413183	CHR2:8413183	SSF x Far_LoA	-8,25648745	-0,052	0,305
CHR2	8419005	CHR2:8419005	SSF x Far_LoA	-11,0363931	-0,003	0,294
CHR2	8419065	CHR2:8419065	SSF x Far_LoA	-10,062995	0,035	0,304
CHR2	8428919	CHR2:8428919	SSF x Far_LoA	-11,9663989	-0,031	0,305
CHR2	8436930	CHR2:8436930	SSF x Far_LoA	-8,44432148	0,139	0,292
CHR2	8437006	CHR2:8437006	SSF x Far_LoA	3,59640255	0,161	0,305
CHR2	8437698	CHR2:8437698	SSF x Far_LoA	-7,77564918	-0,145	0,307
CHR2	8440932	CHR2:8440932	SSF x Far_LoA	-10,117192	0,036	0,298
CHR2	8442741	CHR2:8442741	SSF x Far_LoA	-10,165046	0,083	0,317
CHR2	8452116	CHR2:8452116	SSF x Far_LoA	4,87574329	0,080	0,301
CHR2	8452129	CHR2:8452129	SSF x Far_LoA	-11,1942028	0,065	0,300
CHR2	8452177	CHR2:8452177	SSF x Far_LoA	-10,0019138	-0,064	0,296
CHR2	8453139	CHR2:8453139	SSF x Far_LoA	-9,45205193	0,144	0,290
CHR2	8461358	CHR2:8461358	SSF x Far_LoA	-7,65764192	0,246	0,303
CHR2	8461359	CHR2:8461359	SSF x Far_LoA	-2,53234526	0,012	0,309
CHR2	8461391	CHR2:8461391	SSF x Far_LoA	-6,82445751	-0,004	0,306
CHR2	8461434	CHR2:8461434	SSF x Far_LoA	-10,5383886	-0,161	0,305
CHR2	8461493	CHR2:8461493	SSF x Far_LoA	-8,41588962	-0,083	0,296
CHR2	8461519	CHR2:8461519	SSF x Far_LoA	-8,36368727	-0,061	0,302
CHR2	8465329	CHR2:8465329	SSF x Far_LoA	-9,05224403	-0,043	0,301
CHR2	8466275	CHR2:8466275	SSF x Far_LoA	-9,82428554	0,005	0,297
CHR2	8466486	CHR2:8466486	SSF x Far_LoA	-9,67502785	-0,006	0,312
CHR2	8468592	CHR2:8468592	SSF x Far_LoA	-10,9159748	-0,074	0,308
CHR2	8468593	CHR2:8468593	SSF x Far_LoA	-8,47719386	0,081	0,313
CHR2	8473000	CHR2:8473000	SSF x Far_LoA	-8,79107057	0,025	0,300
CHR2	8473011	CHR2:8473011	SSF x Far_LoA	-9,14031386	0,001	0,304
CHR2	8484433	CHR2:8484433	SSF x Far_LoA	-11,0948934	0,120	0,295
CHR2	8484569	CHR2:8484569	SSF x Far_LoA	-8,19098182	0,128	0,313
CHR2	8489639	CHR2:8489639	SSF x Far_LoA	-11,1395966	0,077	0,307
CHR2	8489649	CHR2:8489649	SSF x Far_LoA	-10,350932	0,021	0,304
CHR2	8489695	CHR2:8489695	SSF x Far_LoA	-9,03769102	-0,049	0,310
CHR2	8491151	CHR2:8491151	SSF x Far_LoA	-11,5586085	-0,044	0,299
CHR2	8491157	CHR2:8491157	SSF x Far_LoA	-11,0519969	-0,079	0,290
CHR2	8491224	CHR2:8491224	SSF x Far_LoA	-9,38791323	0,111	0,301

CHR2	8492972	CHR2:8492972	SSF x Far_LoA	-9,07797064	0,090	0,296
CHR2	8492990	CHR2:8492990	SSF x Far_LoA	-9,7913182	0,004	0,308
CHR2	8493028	CHR2:8493028	SSF x Far_LoA	-7,90697602	0,035	0,315
CHR2	8493039	CHR2:8493039	SSF x Far_LoA	-9,96273216	-0,072	0,306
CHR2	8493041	CHR2:8493041	SSF x Far_LoA	-8,08342192	-0,099	0,297
CHR2	8493042	CHR2:8493042	SSF x Far_LoA	-10,235939	-0,088	0,276
CHR2	8493045	CHR2:8493045	SSF x Far_LoA	-9,43084178	-0,097	0,296
CHR2	8493145	CHR2:8493145	SSF x Far_LoA	-10,0912823	0,139	0,307
CHR2	8494751	CHR2:8494751	SSF x Far_LoA	-12,0528588	0,060	0,302
CHR2	8496516	CHR2:8496516	SSF x Far_LoA	-7,06824568	-0,101	0,317
CHR2	8496617	CHR2:8496617	SSF x Far_LoA	-7,8654994	0,120	0,301
CHR2	8500117	CHR2:8500117	SSF x Far_LoA	-10,632968	-0,027	0,301
CHR2	8500154	CHR2:8500154	SSF x Far_LoA	-11,3789663	-0,025	0,310
CHR2	8500233	CHR2:8500233	SSF x Far_LoA	-8,37906827	0,076	0,298
CHR2	8503050	CHR2:8503050	SSF x Far_LoA	-7,39410647	0,128	0,300
CHR2	8503176	CHR2:8503176	SSF x Far_LoA	-9,72143306	-0,006	0,303
CHR2	8503189	CHR2:8503189	SSF x Far_LoA	-9,11907893	-0,009	0,305
CHR2	8503190	CHR2:8503190	SSF x Far_LoA	-8,89768797	-0,002	0,306
CHR2	851314	CHR2:851314	SSF x Far_LoA	-7,37471896	0,106	0,301
CHR2	851424	CHR2:851424	SSF x Far_LoA	-9,65178835	0,069	0,307
CHR2	8514299	CHR2:8514299	SSF x Far_LoA	-8,96908161	-0,071	0,300
CHR2	8514300	CHR2:8514300	SSF x Far_LoA	-8,87474963	0,012	0,308
CHR2	8514324	CHR2:8514324	SSF x Far_LoA	-9,52429482	0,075	0,317
CHR2	8514347	CHR2:8514347	SSF x Far_LoA	-9,38445866	0,059	0,298
CHR2	8514421	CHR2:8514421	SSF x Far_LoA	-11,4862996	-0,022	0,305
CHR2	8514435	CHR2:8514435	SSF x Far_LoA	-10,1138618	-0,028	0,303
CHR2	8514491	CHR2:8514491	SSF x Far_LoA	-9,46996267	-0,049	0,308
CHR2	8532444	CHR2:8532444	SSF x Far_LoA	-11,8102158	-0,064	0,303
CHR2	8532502	CHR2:8532502	SSF x Far_LoA	-9,44873959	0,087	0,316
CHR2	8532588	CHR2:8532588	SSF x Far_LoA	-10,1242275	-0,024	0,295
CHR2	8533594	CHR2:8533594	SSF x Far_LoA	-7,73573615	-0,048	0,312
CHR2	8536725	CHR2:8536725	SSF x Far_LoA	-9,1888189	-0,061	0,307
CHR2	8536794	CHR2:8536794	SSF x Far_LoA	-8,55553157	-0,076	0,298
CHR2	853930	CHR2:853930	SSF x Far_LoA	-10,892475	-0,006	0,309
CHR2	854046	CHR2:854046	SSF x Far_LoA	-11,128515	0,020	0,309
CHR2	854212	CHR2:854212	SSF x Far_LoA	-9,18677899	-0,046	0,311
CHR2	854230	CHR2:854230	SSF x Far_LoA	-10,6505014	0,032	0,312
CHR2	8573796	CHR2:8573796	SSF x Far_LoA	-9,01460894	-0,111	0,296
CHR2	8590776	CHR2:8590776	SSF x Far_LoA	-8,23815002	-0,049	0,317
CHR2	8594923	CHR2:8594923	SSF x Far_LoA	-2,81718047	-0,166	0,291
CHR2	8594946	CHR2:8594946	SSF x Far_LoA	-8,75651562	-0,032	0,315
CHR2	8594952	CHR2:8594952	SSF x Far_LoA	-10,4641358	0,188	0,300
CHR2	8594954	CHR2:8594954	SSF x Far_LoA	-10,8576789	0,180	0,294
CHR2	8595060	CHR2:8595060	SSF x Far_LoA	-7,62566746	-0,075	0,312
CHR2	8595066	CHR2:8595066	SSF x Far_LoA	-9,81429468	0,006	0,304
CHR2	8595090	CHR2:8595090	SSF x Far_LoA	-9,99411303	-0,018	0,300
CHR2	8595108	CHR2:8595108	SSF x Far_LoA	-10,2592989	-0,044	0,319
CHR2	8609175	CHR2:8609175	SSF x Far_LoA	-8,43510927	0,076	0,296
CHR2	8609233	CHR2:8609233	SSF x Far_LoA	-6,91222095	0,025	0,313
CHR2	8616631	CHR2:8616631	SSF x Far_LoA	-12,1395009	0,031	0,304
CHR2	8616651	CHR2:8616651	SSF x Far_LoA	-9,16274153	-0,084	0,302
CHR2	8616712	CHR2:8616712	SSF x Far_LoA	-9,36384178	0,054	0,307
CHR2	861690	CHR2:861690	SSF x Far_LoA	-11,3894687	-0,062	0,296

CHR2	861713	CHR2:861713	SSF x Far_LoA	-9,32735926	0,032	0,320
CHR2	861727	CHR2:861727	SSF x Far_LoA	-6,32486611	0,053	0,313
CHR2	861733	CHR2:861733	SSF x Far_LoA	-7,69090619	0,065	0,311
CHR2	861738	CHR2:861738	SSF x Far_LoA	-7,94818512	0,097	0,308
CHR2	861754	CHR2:861754	SSF x Far_LoA	-9,99915102	0,024	0,303
CHR2	8626968	CHR2:8626968	SSF x Far_LoA	-11,1216378	0,102	0,308
CHR2	8627014	CHR2:8627014	SSF x Far_LoA	-10,4119031	0,042	0,308
CHR2	8627016	CHR2:8627016	SSF x Far_LoA	-9,36667257	-0,108	0,299
CHR2	8629658	CHR2:8629658	SSF x Far_LoA	-3,76783998	0,053	0,306
CHR2	8633997	CHR2:8633997	SSF x Far_LoA	-9,60652963	-0,051	0,313
CHR2	8634535	CHR2:8634535	SSF x Far_LoA	-7,92475309	0,090	0,297
CHR2	8634622	CHR2:8634622	SSF x Far_LoA	-11,0968432	-0,047	0,310
CHR2	8634648	CHR2:8634648	SSF x Far_LoA	-9,48829346	0,074	0,305
CHR2	8639305	CHR2:8639305	SSF x Far_LoA	-10,1516495	0,044	0,309
CHR2	8639387	CHR2:8639387	SSF x Far_LoA	-8,63036382	0,009	0,317
CHR2	8639413	CHR2:8639413	SSF x Far_LoA	-6,94412337	-0,069	0,307
CHR2	8639434	CHR2:8639434	SSF x Far_LoA	-9,4401836	0,072	0,295
CHR2	8639466	CHR2:8639466	SSF x Far_LoA	-10,3329001	0,053	0,305
CHR2	8639519	CHR2:8639519	SSF x Far_LoA	-11,0334099	-0,008	0,296
CHR2	8653369	CHR2:8653369	SSF x Far_LoA	-8,33334049	-0,038	0,315
CHR2	8662742	CHR2:8662742	SSF x Far_LoA	-9,05333936	-0,079	0,300
CHR2	8662757	CHR2:8662757	SSF x Far_LoA	-11,836198	0,015	0,297
CHR2	8662819	CHR2:8662819	SSF x Far_LoA	-8,54721362	-0,051	0,316
CHR2	8662833	CHR2:8662833	SSF x Far_LoA	-10,0559626	-0,032	0,291
CHR2	8663852	CHR2:8663852	SSF x Far_LoA	-10,2184069	-0,074	0,303
CHR2	8663880	CHR2:8663880	SSF x Far_LoA	-8,50495873	0,016	0,312
CHR2	8688430	CHR2:8688430	SSF x Far_LoA	-7,83252349	0,135	0,297
CHR2	8688431	CHR2:8688431	SSF x Far_LoA	-11,4917353	0,010	0,293
CHR2	8688505	CHR2:8688505	SSF x Far_LoA	-11,0606057	-0,002	0,295
CHR2	8691640	CHR2:8691640	SSF x Far_LoA	-7,63791343	-0,173	0,308
CHR2	8691647	CHR2:8691647	SSF x Far_LoA	-8,91334413	-0,049	0,308
CHR2	8697971	CHR2:8697971	SSF x Far_LoA	2,52708067	-0,092	0,297
CHR2	8700885	CHR2:8700885	SSF x Far_LoA	-9,94825997	-0,017	0,308
CHR2	8700912	CHR2:8700912	SSF x Far_LoA	-9,78267711	0,140	0,297
CHR2	8700943	CHR2:8700943	SSF x Far_LoA	-5,34809574	0,127	0,316
CHR2	8700979	CHR2:8700979	SSF x Far_LoA	-10,9448083	-0,009	0,315
CHR2	8701018	CHR2:8701018	SSF x Far_LoA	-10,7335173	-0,024	0,323
CHR2	8701029	CHR2:8701029	SSF x Far_LoA	-8,9432631	0,021	0,310
CHR2	8705889	CHR2:8705889	SSF x Far_LoA	-5,56494933	0,229	0,298
CHR2	8707299	CHR2:8707299	SSF x Far_LoA	-11,270977	-0,065	0,310
CHR2	8707367	CHR2:8707367	SSF x Far_LoA	-9,25473888	-0,005	0,306
CHR2	8707379	CHR2:8707379	SSF x Far_LoA	-9,79843344	0,024	0,301
CHR2	8707380	CHR2:8707380	SSF x Far_LoA	-8,8691712	-0,054	0,307
CHR2	8707398	CHR2:8707398	SSF x Far_LoA	-9,23134654	0,010	0,307
CHR2	8707441	CHR2:8707441	SSF x Far_LoA	-9,71016467	-0,096	0,324
CHR2	8707453	CHR2:8707453	SSF x Far_LoA	-4,86049133	-0,153	0,299
CHR2	8710941	CHR2:8710941	SSF x Far_LoA	-5,21199927	-0,183	0,296
CHR2	8710951	CHR2:8710951	SSF x Far_LoA	-9,63371841	-0,084	0,304
CHR2	8710959	CHR2:8710959	SSF x Far_LoA	-8,05397781	-0,018	0,308
CHR2	8711021	CHR2:8711021	SSF x Far_LoA	-11,0465859	-0,102	0,312
CHR2	8711068	CHR2:8711068	SSF x Far_LoA	-9,99794224	0,037	0,297
CHR2	8711082	CHR2:8711082	SSF x Far_LoA	-8,08397572	-0,063	0,317
CHR2	8717088	CHR2:8717088	SSF x Far_LoA	-9,79218581	-0,043	0,304

CHR2	8717175	CHR2:8717175	SSF x Far_LoA	-11,8519152	-0,045	0,294
CHR2	8717196	CHR2:8717196	SSF x Far_LoA	-10,5644059	-0,005	0,299
CHR2	8717199	CHR2:8717199	SSF x Far_LoA	-10,8213498	0,018	0,310
CHR2	8717201	CHR2:8717201	SSF x Far_LoA	-10,4358444	0,029	0,308
CHR2	8717240	CHR2:8717240	SSF x Far_LoA	-8,57248534	-0,013	0,318
CHR2	8717246	CHR2:8717246	SSF x Far_LoA	-9,02609327	-0,091	0,314
CHR2	8717301	CHR2:8717301	SSF x Far_LoA	-8,85393797	0,170	0,282
CHR2	8722906	CHR2:8722906	SSF x Far_LoA	-8,32279922	-0,040	0,321
CHR2	8722922	CHR2:8722922	SSF x Far_LoA	-9,25238559	-0,101	0,307
CHR2	8722997	CHR2:8722997	SSF x Far_LoA	-8,64542915	0,105	0,295
CHR2	872500	CHR2:872500	SSF x Far_LoA	-8,65958271	0,075	0,307
CHR2	872512	CHR2:872512	SSF x Far_LoA	-7,9142416	0,086	0,317
CHR2	872521	CHR2:872521	SSF x Far_LoA	-8,40028524	0,104	0,311
CHR2	872535	CHR2:872535	SSF x Far_LoA	-10,1958394	-0,169	0,311
CHR2	872572	CHR2:872572	SSF x Far_LoA	-10,2771982	0,068	0,303
CHR2	8728843	CHR2:8728843	SSF x Far_LoA	-8,85174938	-0,102	0,308
CHR2	8728857	CHR2:8728857	SSF x Far_LoA	-9,68058817	0,090	0,299
CHR2	8728876	CHR2:8728876	SSF x Far_LoA	-8,93488248	0,029	0,299
CHR2	8728957	CHR2:8728957	SSF x Far_LoA	-10,6930234	0,010	0,309
CHR2	8729008	CHR2:8729008	SSF x Far_LoA	-5,50368284	0,117	0,287
CHR2	8729045	CHR2:8729045	SSF x Far_LoA	-9,23156016	-0,071	0,296
CHR2	8729048	CHR2:8729048	SSF x Far_LoA	-7,89570096	-0,103	0,305
CHR2	8732082	CHR2:8732082	SSF x Far_LoA	-10,7556035	0,040	0,300
CHR2	8735366	CHR2:8735366	SSF x Far_LoA	-9,51063208	-0,030	0,303
CHR2	8735470	CHR2:8735470	SSF x Far_LoA	-9,54847921	-0,012	0,315
CHR2	8735512	CHR2:8735512	SSF x Far_LoA	-10,4531666	0,032	0,299
CHR2	8735516	CHR2:8735516	SSF x Far_LoA	-10,5948877	-0,074	0,305
CHR2	8735600	CHR2:8735600	SSF x Far_LoA	-10,089928	0,038	0,302
CHR2	8735612	CHR2:8735612	SSF x Far_LoA	-8,74929134	0,088	0,319
CHR2	8735681	CHR2:8735681	SSF x Far_LoA	-10,2755249	-0,002	0,313
CHR2	8735689	CHR2:8735689	SSF x Far_LoA	-11,1137096	-0,035	0,298
CHR2	8735692	CHR2:8735692	SSF x Far_LoA	-10,5950232	-0,089	0,305
CHR2	8735702	CHR2:8735702	SSF x Far_LoA	-8,68245136	0,003	0,315
CHR2	8740261	CHR2:8740261	SSF x Far_LoA	-9,80017211	0,036	0,311
CHR2	8764209	CHR2:8764209	SSF x Far_LoA	-10,8069215	-0,040	0,299
CHR2	8768352	CHR2:8768352	SSF x Far_LoA	-9,26800557	0,056	0,310
CHR2	8771868	CHR2:8771868	SSF x Far_LoA	-10,3687004	-0,091	0,300
CHR2	877208	CHR2:877208	SSF x Far_LoA	-8,10838108	0,147	0,300
CHR2	877225	CHR2:877225	SSF x Far_LoA	-8,38777029	0,182	0,299
CHR2	877230	CHR2:877230	SSF x Far_LoA	-7,04481933	0,142	0,299
CHR2	8775415	CHR2:8775415	SSF x Far_LoA	-8,6250703	0,035	0,318
CHR2	8775490	CHR2:8775490	SSF x Far_LoA	-11,0939794	-0,076	0,315
CHR2	8775499	CHR2:8775499	SSF x Far_LoA	-9,77389761	-0,129	0,298
CHR2	8777779	CHR2:8777779	SSF x Far_LoA	-2,51919534	-0,094	0,298
CHR2	8791550	CHR2:8791550	SSF x Far_LoA	-10,8040074	0,026	0,304
CHR2	8791667	CHR2:8791667	SSF x Far_LoA	-9,98738596	-0,047	0,292
CHR2	8792320	CHR2:8792320	SSF x Far_LoA	-10,5387544	-0,076	0,307
CHR2	8800336	CHR2:8800336	SSF x Far_LoA	-7,6897976	0,177	0,302
CHR2	8802073	CHR2:8802073	SSF x Far_LoA	-11,269113	-0,073	0,302
CHR2	8802100	CHR2:8802100	SSF x Far_LoA	-4,83636007	-0,143	0,281
CHR2	8802224	CHR2:8802224	SSF x Far_LoA	-11,5597658	0,037	0,291
CHR2	8802245	CHR2:8802245	SSF x Far_LoA	-7,24937504	-0,114	0,298
CHR2	8802412	CHR2:8802412	SSF x Far_LoA	-10,9380054	0,117	0,301

CHR2	880452	CHR2:880452	SSF x Far_LoA	-11,6310639	0,001	0,305
CHR2	880646	CHR2:880646	SSF x Far_LoA	-11,4519043	0,033	0,314
CHR2	8809981	CHR2:8809981	SSF x Far_LoA	-11,4392775	0,064	0,306
CHR2	8817772	CHR2:8817772	SSF x Far_LoA	-7,17473456	-0,022	0,294
CHR2	8817974	CHR2:8817974	SSF x Far_LoA	-4,83206735	-0,105	0,307
CHR2	8824928	CHR2:8824928	SSF x Far_LoA	-11,1143784	0,028	0,303
CHR2	8824966	CHR2:8824966	SSF x Far_LoA	-6,78892544	-0,106	0,309
CHR2	8825040	CHR2:8825040	SSF x Far_LoA	-9,42075733	0,037	0,313
CHR2	882845	CHR2:882845	SSF x Far_LoA	-11,1129677	-0,025	0,322
CHR2	882983	CHR2:882983	SSF x Far_LoA	-9,04830211	-0,077	0,322
CHR2	8830244	CHR2:8830244	SSF x Far_LoA	-5,96699372	-0,080	0,294
CHR2	8832414	CHR2:8832414	SSF x Far_LoA	-8,94888221	0,112	0,324
CHR2	8833086	CHR2:8833086	SSF x Far_LoA	-6,35827419	0,217	0,291
CHR2	8833104	CHR2:8833104	SSF x Far_LoA	-8,5321186	-0,113	0,309
CHR2	8833105	CHR2:8833105	SSF x Far_LoA	-6,85811634	-0,145	0,298
CHR2	8833119	CHR2:8833119	SSF x Far_LoA	-5,85539404	-0,129	0,305
CHR2	8833151	CHR2:8833151	SSF x Far_LoA	-6,01020754	0,174	0,297
CHR2	8836391	CHR2:8836391	SSF x Far_LoA	-8,14157251	-0,080	0,308
CHR2	8837340	CHR2:8837340	SSF x Far_LoA	-10,3256311	0,054	0,297
CHR2	8837515	CHR2:8837515	SSF x Far_LoA	-11,4665415	0,013	0,303
CHR2	8839830	CHR2:8839830	SSF x Far_LoA	-6,52028579	0,120	0,300
CHR2	8845791	CHR2:8845791	SSF x Far_LoA	-9,08491289	-0,094	0,310
CHR2	8845794	CHR2:8845794	SSF x Far_LoA	-10,4449773	-0,005	0,310
CHR2	8856022	CHR2:8856022	SSF x Far_LoA	-9,83051309	0,037	0,321
CHR2	8856106	CHR2:8856106	SSF x Far_LoA	-8,45052495	-0,092	0,312
CHR2	8865068	CHR2:8865068	SSF x Far_LoA	-5,45897843	0,076	0,302
CHR2	8865099	CHR2:8865099	SSF x Far_LoA	-10,8767763	0,000	0,296
CHR2	8881177	CHR2:8881177	SSF x Far_LoA	-9,19215923	-0,113	0,327
CHR2	8894789	CHR2:8894789	SSF x Far_LoA	-9,32645187	0,033	0,301
CHR2	8894793	CHR2:8894793	SSF x Far_LoA	-8,87858636	0,068	0,307
CHR2	8894800	CHR2:8894800	SSF x Far_LoA	-11,2487291	0,065	0,303
CHR2	8894803	CHR2:8894803	SSF x Far_LoA	-9,86851673	0,011	0,302
CHR2	8894818	CHR2:8894818	SSF x Far_LoA	-11,9983289	0,036	0,294
CHR2	891034	CHR2:891034	SSF x Far_LoA	-8,54125576	-0,073	0,300
CHR2	8912233	CHR2:8912233	SSF x Far_LoA	-8,16926857	0,147	0,288
CHR2	8915899	CHR2:8915899	SSF x Far_LoA	-7,86195492	0,072	0,303
CHR2	8916001	CHR2:8916001	SSF x Far_LoA	-10,258471	-0,046	0,303
CHR2	8916026	CHR2:8916026	SSF x Far_LoA	-9,8782693	-0,046	0,307
CHR2	8916064	CHR2:8916064	SSF x Far_LoA	-9,79465617	0,031	0,302
CHR2	8916065	CHR2:8916065	SSF x Far_LoA	-9,9648792	0,011	0,301
CHR2	8938564	CHR2:8938564	SSF x Far_LoA	-7,20463476	-0,078	0,295
CHR2	8938639	CHR2:8938639	SSF x Far_LoA	-9,66455769	-0,025	0,299
CHR2	8942457	CHR2:8942457	SSF x Far_LoA	-10,9753219	-0,083	0,299
CHR2	8942746	CHR2:8942746	SSF x Far_LoA	-11,0696619	0,041	0,309
CHR2	8945019	CHR2:8945019	SSF x Far_LoA	-7,0923271	0,034	0,311
CHR2	8945032	CHR2:8945032	SSF x Far_LoA	-9,24959967	0,074	0,289
CHR2	8945077	CHR2:8945077	SSF x Far_LoA	-11,6309892	0,000	0,312
CHR2	8945156	CHR2:8945156	SSF x Far_LoA	-11,3285563	-0,097	0,305
CHR2	8945176	CHR2:8945176	SSF x Far_LoA	-8,1404802	0,109	0,316
CHR2	8945201	CHR2:8945201	SSF x Far_LoA	-7,45331413	-0,125	0,308
CHR2	8945211	CHR2:8945211	SSF x Far_LoA	-8,11782133	-0,026	0,323
CHR2	8945232	CHR2:8945232	SSF x Far_LoA	-10,7430419	-0,087	0,308
CHR2	8947733	CHR2:8947733	SSF x Far_LoA	-6,74587337	0,004	0,313

CHR2	8947738	CHR2:8947738	SSF x Far_LoA	-10,625888	-0,075	0,309
CHR2	8947786	CHR2:8947786	SSF x Far_LoA	-9,98130589	-0,018	0,310
CHR2	8947917	CHR2:8947917	SSF x Far_LoA	-10,3488263	-0,087	0,298
CHR2	8952673	CHR2:8952673	SSF x Far_LoA	-9,97989095	0,025	0,305
CHR2	8952702	CHR2:8952702	SSF x Far_LoA	-10,0171193	-0,057	0,294
CHR2	8970526	CHR2:8970526	SSF x Far_LoA	-8,5211898	-0,134	0,294
CHR2	8970532	CHR2:8970532	SSF x Far_LoA	-9,67767974	0,086	0,300
CHR2	8970788	CHR2:8970788	SSF x Far_LoA	-8,7531817	-0,032	0,304
CHR2	897278	CHR2:897278	SSF x Far_LoA	-7,96119049	0,010	0,290
CHR2	897288	CHR2:897288	SSF x Far_LoA	-9,70946614	-0,064	0,307
CHR2	8972946	CHR2:8972946	SSF x Far_LoA	-8,48440229	0,225	0,282
CHR2	897312	CHR2:897312	SSF x Far_LoA	-11,3221526	-0,045	0,304
CHR2	8973706	CHR2:8973706	SSF x Far_LoA	-6,55974687	-0,081	0,318
CHR2	8973801	CHR2:8973801	SSF x Far_LoA	-8,88654448	0,132	0,303
CHR2	897458	CHR2:897458	SSF x Far_LoA	-9,65176729	0,038	0,294
CHR2	8975521	CHR2:8975521	SSF x Far_LoA	-8,0067735	0,196	0,294
CHR2	897555	CHR2:897555	SSF x Far_LoA	-6,2414075	-0,160	0,300
CHR2	8975577	CHR2:8975577	SSF x Far_LoA	-11,1968949	0,010	0,299
CHR2	8990278	CHR2:8990278	SSF x Far_LoA	-9,68411816	-0,053	0,299
CHR2	8995265	CHR2:8995265	SSF x Far_LoA	-7,57003015	0,129	0,301
CHR2	8995904	CHR2:8995904	SSF x Far_LoA	-11,6732702	0,040	0,293
CHR2	8995998	CHR2:8995998	SSF x Far_LoA	-8,566387	-0,021	0,314
CHR2	8998204	CHR2:8998204	SSF x Far_LoA	-10,0305962	0,089	0,296
CHR2	8998353	CHR2:8998353	SSF x Far_LoA	-10,3610775	-0,114	0,313
CHR2	9012225	CHR2:9012225	SSF x Far_LoA	-0,04291281	-0,166	0,293
CHR2	9017535	CHR2:9017535	SSF x Far_LoA	-10,1577605	-0,060	0,308
CHR2	9021126	CHR2:9021126	SSF x Far_LoA	-11,8723794	0,072	0,303
CHR2	902139	CHR2:902139	SSF x Far_LoA	-10,0621127	0,033	0,304
CHR2	902210	CHR2:902210	SSF x Far_LoA	-11,4094011	-0,036	0,318
CHR2	9024918	CHR2:9024918	SSF x Far_LoA	-9,42568653	-0,005	0,291
CHR2	9024939	CHR2:9024939	SSF x Far_LoA	-9,40664793	-0,080	0,304
CHR2	9024960	CHR2:9024960	SSF x Far_LoA	-9,18596429	-0,126	0,304
CHR2	9024968	CHR2:9024968	SSF x Far_LoA	-8,91483271	0,022	0,313
CHR2	904028	CHR2:904028	SSF x Far_LoA	-9,75392457	-0,044	0,301
CHR2	904065	CHR2:904065	SSF x Far_LoA	-10,9638933	-0,021	0,309
CHR2	904066	CHR2:904066	SSF x Far_LoA	-11,0430355	-0,059	0,286
CHR2	904176	CHR2:904176	SSF x Far_LoA	-9,47151803	0,068	0,292
CHR2	904219	CHR2:904219	SSF x Far_LoA	-11,6882343	0,070	0,296
CHR2	904265	CHR2:904265	SSF x Far_LoA	-9,27266869	-0,102	0,300
CHR2	9045878	CHR2:9045878	SSF x Far_LoA	-9,0259011	-0,012	0,299
CHR2	9045953	CHR2:9045953	SSF x Far_LoA	-10,7746817	-0,033	0,296
CHR2	9047619	CHR2:9047619	SSF x Far_LoA	-10,9615863	-0,088	0,286
CHR2	9047703	CHR2:9047703	SSF x Far_LoA	-9,11566604	-0,060	0,309
CHR2	9057647	CHR2:9057647	SSF x Far_LoA	-10,4966479	0,099	0,300
CHR2	9071100	CHR2:9071100	SSF x Far_LoA	-11,0707744	-0,040	0,317
CHR2	9076254	CHR2:9076254	SSF x Far_LoA	-10,4713136	-0,069	0,292
CHR2	9081346	CHR2:9081346	SSF x Far_LoA	-9,94280304	0,077	0,307
CHR2	9096774	CHR2:9096774	SSF x Far_LoA	-9,058061	-0,058	0,307
CHR2	9098554	CHR2:9098554	SSF x Far_LoA	-5,07872081	-0,038	0,298
CHR2	9098573	CHR2:9098573	SSF x Far_LoA	-6,563837	0,042	0,308
CHR2	9101502	CHR2:9101502	SSF x Far_LoA	-10,3545577	0,047	0,317
CHR2	9101555	CHR2:9101555	SSF x Far_LoA	-11,4738356	0,050	0,306
CHR2	9101569	CHR2:9101569	SSF x Far_LoA	-11,7709939	0,009	0,297

CHR2	9101652	CHR2:9101652	SSF x Far_LoA	-6,78834852	0,084	0,304
CHR2	9101678	CHR2:9101678	SSF x Far_LoA	-8,40157651	0,028	0,325
CHR2	9101700	CHR2:9101700	SSF x Far_LoA	-9,81059425	0,003	0,314
CHR2	912578	CHR2:912578	SSF x Far_LoA	-8,40429887	-0,009	0,327
CHR2	9146534	CHR2:9146534	SSF x Far_LoA	-4,829076	-0,061	0,314
CHR2	9146540	CHR2:9146540	SSF x Far_LoA	-8,94220883	0,070	0,297
CHR2	9146580	CHR2:9146580	SSF x Far_LoA	-10,0010066	-0,040	0,310
CHR2	9148056	CHR2:9148056	SSF x Far_LoA	-7,27533606	0,099	0,300
CHR2	9148139	CHR2:9148139	SSF x Far_LoA	-9,25537521	-0,021	0,292
CHR2	915177	CHR2:915177	SSF x Far_LoA	-9,4781543	0,107	0,307
CHR2	9156053	CHR2:9156053	SSF x Far_LoA	-10,1240991	0,009	0,311
CHR2	9156226	CHR2:9156226	SSF x Far_LoA	-9,23742014	-0,051	0,304
CHR2	9156231	CHR2:9156231	SSF x Far_LoA	-9,83562559	0,012	0,313
CHR2	9157099	CHR2:9157099	SSF x Far_LoA	-7,62241204	0,034	0,311
CHR2	9157632	CHR2:9157632	SSF x Far_LoA	-7,34327518	0,073	0,314
CHR2	916390	CHR2:916390	SSF x Far_LoA	-6,16194887	0,215	0,299
CHR2	9165518	CHR2:9165518	SSF x Far_LoA	-7,64029356	0,019	0,282
CHR2	9165522	CHR2:9165522	SSF x Far_LoA	-9,70659055	-0,017	0,300
CHR2	9165526	CHR2:9165526	SSF x Far_LoA	-8,36374981	-0,028	0,307
CHR2	9176540	CHR2:9176540	SSF x Far_LoA	-2,160849	0,180	0,289
CHR2	9187907	CHR2:9187907	SSF x Far_LoA	-6,11769712	-0,172	0,303
CHR2	9187946	CHR2:9187946	SSF x Far_LoA	-10,0819474	0,036	0,320
CHR2	9188598	CHR2:9188598	SSF x Far_LoA	-9,45300961	0,063	0,290
CHR2	9196659	CHR2:9196659	SSF x Far_LoA	-6,43336386	-0,093	0,313
CHR2	9202599	CHR2:9202599	SSF x Far_LoA	-11,9515699	0,067	0,306
CHR2	9203559	CHR2:9203559	SSF x Far_LoA	-10,406889	-0,025	0,316
CHR2	9216361	CHR2:9216361	SSF x Far_LoA	-8,52080807	0,094	0,312
CHR2	9220059	CHR2:9220059	SSF x Far_LoA	-11,1650978	-0,019	0,322
CHR2	9220842	CHR2:9220842	SSF x Far_LoA	-11,6946467	-0,041	0,311
CHR2	9220881	CHR2:9220881	SSF x Far_LoA	-10,5136105	-0,067	0,294
CHR2	9229823	CHR2:9229823	SSF x Far_LoA	-10,4681852	-0,019	0,303
CHR2	9229837	CHR2:9229837	SSF x Far_LoA	-10,2780902	0,021	0,313
CHR2	9229919	CHR2:9229919	SSF x Far_LoA	-9,59252417	0,021	0,315
CHR2	9229964	CHR2:9229964	SSF x Far_LoA	-10,7484759	0,015	0,303
CHR2	9229993	CHR2:9229993	SSF x Far_LoA	-8,71516804	0,098	0,299
CHR2	9244356	CHR2:9244356	SSF x Far_LoA	-10,8731205	0,029	0,302
CHR2	9251015	CHR2:9251015	SSF x Far_LoA	-9,26859026	0,015	0,299
CHR2	9255060	CHR2:9255060	SSF x Far_LoA	-9,42742826	0,000	0,321
CHR2	926178	CHR2:926178	SSF x Far_LoA	-12,282339	0,085	0,303
CHR2	926181	CHR2:926181	SSF x Far_LoA	-6,05663786	-0,015	0,317
CHR2	926182	CHR2:926182	SSF x Far_LoA	-9,28762565	-0,006	0,307
CHR2	926211	CHR2:926211	SSF x Far_LoA	-8,2077047	-0,041	0,299
CHR2	926229	CHR2:926229	SSF x Far_LoA	-11,8286031	-0,025	0,298
CHR2	9275144	CHR2:9275144	SSF x Far_LoA	-11,8193556	0,029	0,301
CHR2	9275268	CHR2:9275268	SSF x Far_LoA	-10,7462444	0,068	0,311
CHR2	9275284	CHR2:9275284	SSF x Far_LoA	-10,2677239	0,044	0,310
CHR2	9275316	CHR2:9275316	SSF x Far_LoA	-10,9360049	0,030	0,296
CHR2	9275343	CHR2:9275343	SSF x Far_LoA	-9,36929516	-0,065	0,294
CHR2	9277643	CHR2:9277643	SSF x Far_LoA	-11,6636707	0,024	0,316
CHR2	928700	CHR2:928700	SSF x Far_LoA	-10,524309	0,010	0,297
CHR2	928724	CHR2:928724	SSF x Far_LoA	-10,6619647	-0,051	0,303
CHR2	928729	CHR2:928729	SSF x Far_LoA	-1,04268674	0,070	0,315
CHR2	928733	CHR2:928733	SSF x Far_LoA	-9,44835111	0,073	0,306

CHR2	931414	CHR2:931414	SSF x Far_LoA	-8,30760463	0,022	0,305
CHR2	932497	CHR2:932497	SSF x Far_LoA	-7,31006933	-0,129	0,310
CHR2	932568	CHR2:932568	SSF x Far_LoA	-11,2658696	-0,007	0,307
CHR2	932617	CHR2:932617	SSF x Far_LoA	-10,6720412	-0,036	0,301
CHR2	9338149	CHR2:9338149	SSF x Far_LoA	-7,96936998	-0,019	0,319
CHR2	9338227	CHR2:9338227	SSF x Far_LoA	-7,97273487	-0,106	0,307
CHR2	9342001	CHR2:9342001	SSF x Far_LoA	-7,03259977	-0,107	0,301
CHR2	9342045	CHR2:9342045	SSF x Far_LoA	-10,4056734	-0,042	0,314
CHR2	9342190	CHR2:9342190	SSF x Far_LoA	-9,18132277	-0,136	0,309
CHR2	9346225	CHR2:9346225	SSF x Far_LoA	-11,2005139	-0,059	0,311
CHR2	9346233	CHR2:9346233	SSF x Far_LoA	-10,3261665	-0,080	0,302
CHR2	9404974	CHR2:9404974	SSF x Far_LoA	-6,59436588	0,097	0,306
CHR2	9407001	CHR2:9407001	SSF x Far_LoA	-11,302974	-0,012	0,306
CHR2	9407002	CHR2:9407002	SSF x Far_LoA	-11,3448113	0,006	0,307
CHR2	9421221	CHR2:9421221	SSF x Far_LoA	-7,45382147	0,086	0,306
CHR2	9421553	CHR2:9421553	SSF x Far_LoA	-9,40728749	0,008	0,305
CHR2	9421574	CHR2:9421574	SSF x Far_LoA	-8,45953152	0,004	0,304
CHR2	9459301	CHR2:9459301	SSF x Far_LoA	-9,3360137	0,022	0,311
CHR2	9459451	CHR2:9459451	SSF x Far_LoA	-6,78885499	-0,100	0,311
CHR2	9459505	CHR2:9459505	SSF x Far_LoA	-9,30790272	-0,069	0,302
CHR2	9471921	CHR2:9471921	SSF x Far_LoA	-10,3885943	-0,010	0,311
CHR2	9472071	CHR2:9472071	SSF x Far_LoA	-10,0787969	-0,070	0,314
CHR2	9477473	CHR2:9477473	SSF x Far_LoA	-6,94166684	-0,050	0,302
CHR2	9497279	CHR2:9497279	SSF x Far_LoA	-8,92881363	-0,061	0,296
CHR2	9497755	CHR2:9497755	SSF x Far_LoA	-8,47084097	0,051	0,309
CHR2	9522576	CHR2:9522576	SSF x Far_LoA	-12,4187253	-0,007	0,301
CHR2	9522611	CHR2:9522611	SSF x Far_LoA	-10,4332587	0,118	0,310
CHR2	9523483	CHR2:9523483	SSF x Far_LoA	-8,60708113	-0,089	0,307
CHR2	9538107	CHR2:9538107	SSF x Far_LoA	-8,36086977	0,095	0,308
CHR2	9538132	CHR2:9538132	SSF x Far_LoA	-9,38831104	0,061	0,309
CHR2	9538204	CHR2:9538204	SSF x Far_LoA	-10,283188	0,019	0,312
CHR2	9544750	CHR2:9544750	SSF x Far_LoA	-10,8495732	-0,068	0,297
CHR2	9544795	CHR2:9544795	SSF x Far_LoA	-11,2747955	0,011	0,303
CHR2	9544849	CHR2:9544849	SSF x Far_LoA	-8,04974503	-0,036	0,314
CHR2	9545006	CHR2:9545006	SSF x Far_LoA	-9,59062795	0,026	0,321
CHR2	9555151	CHR2:9555151	SSF x Far_LoA	-9,87960749	0,034	0,310
CHR2	9555321	CHR2:9555321	SSF x Far_LoA	-11,4368805	0,018	0,305
CHR2	9555395	CHR2:9555395	SSF x Far_LoA	-4,87821497	0,093	0,304
CHR2	9555514	CHR2:9555514	SSF x Far_LoA	-11,8028181	-0,029	0,299
CHR2	9563486	CHR2:9563486	SSF x Far_LoA	-8,51718688	0,053	0,315
CHR2	9565265	CHR2:9565265	SSF x Far_LoA	-3,82035291	-0,003	0,297
CHR2	9572242	CHR2:9572242	SSF x Far_LoA	-5,82183849	-0,176	0,289
CHR2	9572243	CHR2:9572243	SSF x Far_LoA	-10,2476028	-0,059	0,296
CHR2	9572350	CHR2:9572350	SSF x Far_LoA	-7,71516254	-0,167	0,286
CHR2	9572355	CHR2:9572355	SSF x Far_LoA	-8,18168651	-0,121	0,301
CHR2	9578608	CHR2:9578608	SSF x Far_LoA	-9,59997399	-0,003	0,304
CHR2	9578734	CHR2:9578734	SSF x Far_LoA	-6,33085154	0,039	0,320
CHR2	9578831	CHR2:9578831	SSF x Far_LoA	-6,3271853	0,045	0,304
CHR2	9582243	CHR2:9582243	SSF x Far_LoA	-9,65180397	-0,144	0,299
CHR2	9582356	CHR2:9582356	SSF x Far_LoA	-7,56894066	0,210	0,287
CHR2	9582377	CHR2:9582377	SSF x Far_LoA	-8,98230766	-0,116	0,301
CHR2	9582482	CHR2:9582482	SSF x Far_LoA	-8,78770433	-0,096	0,302
CHR2	9582496	CHR2:9582496	SSF x Far_LoA	-7,64709192	0,031	0,311

CHR2	9582536	CHR2:9582536	SSF x Far_LoA	-11,2247391	0,052	0,303
CHR2	9582573	CHR2:9582573	SSF x Far_LoA	-6,27613217	-0,036	0,314
CHR2	9584406	CHR2:9584406	SSF x Far_LoA	-9,21384422	-0,102	0,304
CHR2	9601851	CHR2:9601851	SSF x Far_LoA	-10,3501471	-0,051	0,317
CHR2	9601891	CHR2:9601891	SSF x Far_LoA	-9,84137343	0,000	0,287
CHR2	9601935	CHR2:9601935	SSF x Far_LoA	-11,0360391	-0,030	0,314
CHR2	9601961	CHR2:9601961	SSF x Far_LoA	-10,4475183	0,083	0,305
CHR2	9605908	CHR2:9605908	SSF x Far_LoA	-9,7611141	0,031	0,306
CHR2	9615802	CHR2:9615802	SSF x Far_LoA	-9,42612747	0,101	0,291
CHR2	9615878	CHR2:9615878	SSF x Far_LoA	-9,89061624	-0,036	0,294
CHR2	9615879	CHR2:9615879	SSF x Far_LoA	-12,5342478	-0,016	0,295
CHR2	9630224	CHR2:9630224	SSF x Far_LoA	-7,0480251	-0,140	0,307
CHR2	9630731	CHR2:9630731	SSF x Far_LoA	0,59222318	0,240	0,280
CHR2	9630788	CHR2:9630788	SSF x Far_LoA	-8,27932921	-0,028	0,298
CHR2	9630833	CHR2:9630833	SSF x Far_LoA	-10,5596261	-0,011	0,300
CHR2	9630911	CHR2:9630911	SSF x Far_LoA	-11,5044273	0,025	0,300
CHR2	9630923	CHR2:9630923	SSF x Far_LoA	-3,33409797	0,041	0,308
CHR2	963720	CHR2:963720	SSF x Far_LoA	-8,49917887	-0,131	0,319
CHR2	963729	CHR2:963729	SSF x Far_LoA	-6,62997333	-0,114	0,311
CHR2	963740	CHR2:963740	SSF x Far_LoA	-7,82751168	-0,151	0,308
CHR2	963769	CHR2:963769	SSF x Far_LoA	-9,45252859	0,029	0,305
CHR2	963772	CHR2:963772	SSF x Far_LoA	-8,40548115	0,075	0,300
CHR2	963793	CHR2:963793	SSF x Far_LoA	-9,26258529	-0,034	0,309
CHR2	963838	CHR2:963838	SSF x Far_LoA	-6,90853263	-0,162	0,317
CHR2	963839	CHR2:963839	SSF x Far_LoA	-8,78330637	-0,016	0,313
CHR2	964293	CHR2:964293	SSF x Far_LoA	-7,35950037	0,091	0,313
CHR2	964307	CHR2:964307	SSF x Far_LoA	-4,42170167	-0,079	0,307
CHR2	9644471	CHR2:9644471	SSF x Far_LoA	-10,917532	-0,045	0,298
CHR2	9644473	CHR2:9644473	SSF x Far_LoA	-8,67878267	-0,049	0,303
CHR2	9644503	CHR2:9644503	SSF x Far_LoA	-7,81062721	0,067	0,310
CHR2	9644518	CHR2:9644518	SSF x Far_LoA	-10,2362099	0,066	0,300
CHR2	9644546	CHR2:9644546	SSF x Far_LoA	-3,18965271	0,021	0,312
CHR2	9645034	CHR2:9645034	SSF x Far_LoA	-7,15638531	0,160	0,296
CHR2	9650596	CHR2:9650596	SSF x Far_LoA	-9,48970519	-0,036	0,314
CHR2	9650599	CHR2:9650599	SSF x Far_LoA	-10,0595793	0,080	0,310
CHR2	9650672	CHR2:9650672	SSF x Far_LoA	-11,7833073	0,038	0,302
CHR2	9655550	CHR2:9655550	SSF x Far_LoA	-6,15700869	-0,145	0,303
CHR2	9655647	CHR2:9655647	SSF x Far_LoA	-10,449158	0,026	0,311
CHR2	9656045	CHR2:9656045	SSF x Far_LoA	-7,31498095	0,038	0,296
CHR2	9656048	CHR2:9656048	SSF x Far_LoA	-8,44818346	0,086	0,301
CHR2	9656081	CHR2:9656081	SSF x Far_LoA	-10,7071275	0,087	0,300
CHR2	9666755	CHR2:9666755	SSF x Far_LoA	-9,67969612	-0,033	0,298
CHR2	9675996	CHR2:9675996	SSF x Far_LoA	-5,27381482	0,015	0,316
CHR2	9676040	CHR2:9676040	SSF x Far_LoA	-6,44765847	-0,168	0,305
CHR2	9676098	CHR2:9676098	SSF x Far_LoA	-8,93091548	-0,052	0,317
CHR2	9689290	CHR2:9689290	SSF x Far_LoA	-11,4262556	-0,005	0,296
CHR2	9690372	CHR2:9690372	SSF x Far_LoA	-7,27198199	-0,172	0,298
CHR2	9690429	CHR2:9690429	SSF x Far_LoA	-2,33110729	0,050	0,297
CHR2	9690433	CHR2:9690433	SSF x Far_LoA	-9,53206675	-0,033	0,309
CHR2	9701367	CHR2:9701367	SSF x Far_LoA	-7,38404208	-0,234	0,291
CHR2	9701372	CHR2:9701372	SSF x Far_LoA	0,07447196	-0,295	0,288
CHR2	9718795	CHR2:9718795	SSF x Far_LoA	-7,68772696	0,051	0,311
CHR2	9718805	CHR2:9718805	SSF x Far_LoA	-8,62767073	0,109	0,307

CHR2	9718809	CHR2:9718809	SSF x Far_LoA	-9,28070947	0,039	0,307
CHR2	9718840	CHR2:9718840	SSF x Far_LoA	-8,25980601	-0,003	0,310
CHR2	9718900	CHR2:9718900	SSF x Far_LoA	-9,81954039	0,106	0,309
CHR2	9720159	CHR2:9720159	SSF x Far_LoA	-7,61894794	-0,044	0,316
CHR2	9720205	CHR2:9720205	SSF x Far_LoA	-10,6084401	0,024	0,306
CHR2	9722913	CHR2:9722913	SSF x Far_LoA	-10,4767411	0,049	0,300
CHR2	9722939	CHR2:9722939	SSF x Far_LoA	-8,44887168	0,103	0,291
CHR2	9729405	CHR2:9729405	SSF x Far_LoA	-8,54057415	-0,069	0,322
CHR2	9734363	CHR2:9734363	SSF x Far_LoA	-11,1129369	0,034	0,326
CHR2	9734452	CHR2:9734452	SSF x Far_LoA	-8,89962988	0,006	0,319
CHR2	9734468	CHR2:9734468	SSF x Far_LoA	-9,92749969	-0,028	0,308
CHR2	9734472	CHR2:9734472	SSF x Far_LoA	-9,43858617	0,118	0,298
CHR2	9734491	CHR2:9734491	SSF x Far_LoA	-8,58860584	-0,027	0,306
CHR2	9734492	CHR2:9734492	SSF x Far_LoA	-9,06291787	-0,040	0,293
CHR2	9734516	CHR2:9734516	SSF x Far_LoA	-9,55214826	-0,051	0,305
CHR2	9734523	CHR2:9734523	SSF x Far_LoA	-10,3050644	0,107	0,304
CHR2	9734554	CHR2:9734554	SSF x Far_LoA	-7,06995489	-0,071	0,297
CHR2	9750657	CHR2:9750657	SSF x Far_LoA	-8,54845056	0,111	0,294
CHR2	9757137	CHR2:9757137	SSF x Far_LoA	-5,43719055	0,116	0,296
CHR2	9759230	CHR2:9759230	SSF x Far_LoA	-10,4574273	-0,081	0,304
CHR2	9759235	CHR2:9759235	SSF x Far_LoA	-11,9148469	0,082	0,311
CHR2	9761407	CHR2:9761407	SSF x Far_LoA	-4,79747347	0,156	0,296
CHR2	9764165	CHR2:9764165	SSF x Far_LoA	-7,18309505	0,151	0,303
CHR2	9775739	CHR2:9775739	SSF x Far_LoA	-10,3183038	0,131	0,296
CHR2	9775921	CHR2:9775921	SSF x Far_LoA	-10,5643473	0,072	0,309
CHR2	9777962	CHR2:9777962	SSF x Far_LoA	-10,590166	-0,054	0,311
CHR2	9777972	CHR2:9777972	SSF x Far_LoA	-8,65205643	0,173	0,300
CHR2	9777998	CHR2:9777998	SSF x Far_LoA	-10,2567387	0,112	0,306
CHR2	9778036	CHR2:9778036	SSF x Far_LoA	-5,67466152	0,146	0,294
CHR2	9778052	CHR2:9778052	SSF x Far_LoA	-6,23040134	-0,191	0,292
CHR2	9778202	CHR2:9778202	SSF x Far_LoA	-7,41697611	-0,037	0,331
CHR2	9778205	CHR2:9778205	SSF x Far_LoA	-11,0643408	-0,043	0,289
CHR2	9778231	CHR2:9778231	SSF x Far_LoA	-4,31100393	0,028	0,300
CHR2	9778258	CHR2:9778258	SSF x Far_LoA	-10,0281023	-0,117	0,292
CHR2	9778259	CHR2:9778259	SSF x Far_LoA	-8,42077856	-0,110	0,293
CHR2	9778279	CHR2:9778279	SSF x Far_LoA	-9,01296441	-0,097	0,304
CHR2	9778283	CHR2:9778283	SSF x Far_LoA	-9,10042652	-0,057	0,316
CHR2	9784713	CHR2:9784713	SSF x Far_LoA	-11,7567562	-0,012	0,298
CHR2	9784794	CHR2:9784794	SSF x Far_LoA	-11,2140785	-0,110	0,295
CHR2	9784878	CHR2:9784878	SSF x Far_LoA	-10,4049126	0,086	0,300
CHR2	978539	CHR2:978539	SSF x Far_LoA	-8,21818455	0,038	0,314
CHR2	978547	CHR2:978547	SSF x Far_LoA	-7,99615558	0,133	0,295
CHR2	978629	CHR2:978629	SSF x Far_LoA	-8,00244951	0,096	0,320
CHR2	9788080	CHR2:9788080	SSF x Far_LoA	-9,70063983	0,123	0,300
CHR2	9788334	CHR2:9788334	SSF x Far_LoA	-10,394666	-0,069	0,292
CHR2	9788545	CHR2:9788545	SSF x Far_LoA	-7,30669925	0,109	0,301
CHR2	9810174	CHR2:9810174	SSF x Far_LoA	-10,9371589	-0,062	0,300
CHR2	9810318	CHR2:9810318	SSF x Far_LoA	-7,86197219	0,074	0,279
CHR2	9812155	CHR2:9812155	SSF x Far_LoA	-11,4169478	-0,035	0,315
CHR2	9825119	CHR2:9825119	SSF x Far_LoA	-9,51648835	-0,014	0,297
CHR2	9825194	CHR2:9825194	SSF x Far_LoA	-7,57057648	0,079	0,314
CHR2	9827362	CHR2:9827362	SSF x Far_LoA	-10,8805663	-0,022	0,299
CHR2	9827405	CHR2:9827405	SSF x Far_LoA	-9,99295341	0,004	0,290

CHR2	9829122	CHR2:9829122	SSF x Far_LoA	-7,70595322	0,124	0,306
CHR2	9829151	CHR2:9829151	SSF x Far_LoA	-9,00470177	-0,004	0,305
CHR2	9829204	CHR2:9829204	SSF x Far_LoA	-8,16475067	0,021	0,314
CHR2	9829225	CHR2:9829225	SSF x Far_LoA	-8,88913993	0,047	0,305
CHR2	9830936	CHR2:9830936	SSF x Far_LoA	-5,25162388	0,186	0,292
CHR2	9830957	CHR2:9830957	SSF x Far_LoA	-10,5021953	-0,044	0,316
CHR2	9830960	CHR2:9830960	SSF x Far_LoA	-8,20812949	0,131	0,309
CHR2	9830965	CHR2:9830965	SSF x Far_LoA	-4,14508105	0,056	0,321
CHR2	9830994	CHR2:9830994	SSF x Far_LoA	-5,75300635	0,234	0,286
CHR2	9831043	CHR2:9831043	SSF x Far_LoA	-9,20626223	-0,078	0,308
CHR2	9833279	CHR2:9833279	SSF x Far_LoA	-6,10810642	-0,127	0,296
CHR2	9833293	CHR2:9833293	SSF x Far_LoA	-8,25536117	-0,054	0,313
CHR2	9833380	CHR2:9833380	SSF x Far_LoA	-7,60860598	0,137	0,301
CHR2	9833431	CHR2:9833431	SSF x Far_LoA	-7,48391292	-0,034	0,310
CHR2	9834258	CHR2:9834258	SSF x Far_LoA	-11,1464167	0,050	0,318
CHR2	9834272	CHR2:9834272	SSF x Far_LoA	-9,10435834	-0,042	0,315
CHR2	9834273	CHR2:9834273	SSF x Far_LoA	-11,3437954	-0,025	0,311
CHR2	9834274	CHR2:9834274	SSF x Far_LoA	-5,67619435	-0,045	0,314
CHR2	9834277	CHR2:9834277	SSF x Far_LoA	-8,41278881	-0,058	0,306
CHR2	9838524	CHR2:9838524	SSF x Far_LoA	-9,85761905	0,003	0,311
CHR2	9838779	CHR2:9838779	SSF x Far_LoA	-9,95079957	0,009	0,314
CHR2	9838802	CHR2:9838802	SSF x Far_LoA	-7,6935868	-0,009	0,313
CHR2	9838811	CHR2:9838811	SSF x Far_LoA	-9,78145681	0,091	0,302
CHR2	9838834	CHR2:9838834	SSF x Far_LoA	-8,02976718	0,112	0,295
CHR2	9849140	CHR2:9849140	SSF x Far_LoA	-8,11440228	0,113	0,297
CHR2	9849478	CHR2:9849478	SSF x Far_LoA	-4,96071072	0,120	0,287
CHR2	9871605	CHR2:9871605	SSF x Far_LoA	-10,1496618	0,013	0,297
CHR2	9871619	CHR2:9871619	SSF x Far_LoA	-6,98838397	-0,106	0,285
CHR2	9871624	CHR2:9871624	SSF x Far_LoA	-4,84982204	0,113	0,296
CHR2	9871650	CHR2:9871650	SSF x Far_LoA	-6,54720994	-0,018	0,324
CHR2	9871658	CHR2:9871658	SSF x Far_LoA	-9,43064317	-0,016	0,304
CHR2	9871694	CHR2:9871694	SSF x Far_LoA	-9,10033158	0,023	0,299
CHR2	9871753	CHR2:9871753	SSF x Far_LoA	-11,6414657	0,064	0,305
CHR2	9880610	CHR2:9880610	SSF x Far_LoA	-6,89808677	-0,076	0,305
CHR2	9880618	CHR2:9880618	SSF x Far_LoA	-10,6788198	-0,086	0,308
CHR2	9880639	CHR2:9880639	SSF x Far_LoA	-9,30874988	0,089	0,303
CHR2	9880645	CHR2:9880645	SSF x Far_LoA	-8,28692416	-0,106	0,306
CHR2	9881894	CHR2:9881894	SSF x Far_LoA	-9,21387225	-0,148	0,297
CHR2	9891	CHR2:9891	SSF x Far_LoA	-8,57729126	0,006	0,310
CHR2	9897801	CHR2:9897801	SSF x Far_LoA	-10,232459	-0,035	0,292
CHR2	990402	CHR2:990402	SSF x Far_LoA	-9,46425935	-0,031	0,291
CHR2	990449	CHR2:990449	SSF x Far_LoA	-9,31095617	-0,138	0,307
CHR2	990524	CHR2:990524	SSF x Far_LoA	-8,50510733	-0,040	0,300
CHR2	990559	CHR2:990559	SSF x Far_LoA	-8,79789797	0,082	0,305
CHR2	9915006	CHR2:9915006	SSF x Far_LoA	-6,84669316	-0,181	0,310
CHR2	9915094	CHR2:9915094	SSF x Far_LoA	-8,39658615	-0,045	0,319
CHR2	9915104	CHR2:9915104	SSF x Far_LoA	-7,52093488	0,007	0,311
CHR2	9915211	CHR2:9915211	SSF x Far_LoA	8,20192421	-0,153	0,297
CHR2	9915283	CHR2:9915283	SSF x Far_LoA	-9,97523003	0,046	0,309
CHR2	9920738	CHR2:9920738	SSF x Far_LoA	-6,48471987	-0,225	0,298
CHR2	9932527	CHR2:9932527	SSF x Far_LoA	-11,4716981	-0,019	0,299
CHR2	9934080	CHR2:9934080	SSF x Far_LoA	-10,0145833	0,054	0,316
CHR2	9934210	CHR2:9934210	SSF x Far_LoA	-5,42086507	-0,026	0,319

CHR2	9934271	CHR2:9934271	SSF x Far_LoA	-11,0280106	0,153	0,294
CHR2	9934272	CHR2:9934272	SSF x Far_LoA	-8,88924965	0,026	0,306
CHR2	9936261	CHR2:9936261	SSF x Far_LoA	-9,7018802	-0,039	0,315
CHR2	9936275	CHR2:9936275	SSF x Far_LoA	-5,12456628	-0,032	0,310
CHR2	9936277	CHR2:9936277	SSF x Far_LoA	-10,21814	-0,042	0,308
CHR2	9936447	CHR2:9936447	SSF x Far_LoA	-8,64859315	-0,045	0,322
CHR2	9936473	CHR2:9936473	SSF x Far_LoA	-7,37517508	0,074	0,306
CHR2	9938687	CHR2:9938687	SSF x Far_LoA	-11,4084241	-0,067	0,311
CHR2	9942137	CHR2:9942137	SSF x Far_LoA	-9,98459401	-0,004	0,303
CHR2	9942141	CHR2:9942141	SSF x Far_LoA	-10,7907387	-0,068	0,296
CHR2	9945125	CHR2:9945125	SSF x Far_LoA	-11,02777	-0,029	0,311
CHR2	9945278	CHR2:9945278	SSF x Far_LoA	-7,86888017	-0,069	0,309
CHR2	9945340	CHR2:9945340	SSF x Far_LoA	-7,93014912	-0,148	0,302
CHR2	9945391	CHR2:9945391	SSF x Far_LoA	-2,71906707	0,185	0,290
CHR2	9963499	CHR2:9963499	SSF x Far_LoA	-8,4339773	-0,037	0,300
CHR2	996835	CHR2:996835	SSF x Far_LoA	-10,4457493	0,095	0,309
CHR2	996837	CHR2:996837	SSF x Far_LoA	-11,2558196	-0,034	0,309
CHR2	996889	CHR2:996889	SSF x Far_LoA	-7,23166896	-0,011	0,299
CHR2	996926	CHR2:996926	SSF x Far_LoA	-7,7740592	0,091	0,306
CHR2	9969905	CHR2:9969905	SSF x Far_LoA	-9,48586618	0,085	0,306
CHR2	9970016	CHR2:9970016	SSF x Far_LoA	-6,24748461	-0,200	0,303
CHR2	9970023	CHR2:9970023	SSF x Far_LoA	-9,56588697	0,001	0,306
CHR2	9970103	CHR2:9970103	SSF x Far_LoA	-9,79860575	-0,148	0,303
CHR2	999155	CHR2:999155	SSF x Far_LoA	-9,63679265	0,082	0,305
CHR2	999231	CHR2:999231	SSF x Far_LoA	-9,30402781	-0,029	0,292
CHR2	999285	CHR2:999285	SSF x Far_LoA	-11,987554	0,063	0,301
CHR2	999376	CHR2:999376	SSF x Far_LoA	-10,1985626	-0,153	0,299
CHR2	9997720	CHR2:9997720	SSF x Far_LoA	-8,47564011	0,170	0,292
CHR2	9998744	CHR2:9998744	SSF x Far_LoA	-7,21666741	-0,069	0,307
CHR2	9998752	CHR2:9998752	SSF x Far_LoA	-8,88366976	-0,002	0,314
CHR3	1E+07	CHR3:10019699	SSF x Far_LoA	-9,80926537	-0,008	0,297
CHR3	1E+07	CHR3:10019722	SSF x Far_LoA	-9,27556023	-0,051	0,321
CHR3	1E+07	CHR3:10021188	SSF x Far_LoA	-4,98072264	-0,142	0,304
CHR3	1E+07	CHR3:10021221	SSF x Far_LoA	-9,15320632	-0,168	0,306
CHR3	1E+07	CHR3:10021268	SSF x Far_LoA	-10,5943411	0,049	0,308
CHR3	1002367	CHR3:1002367	SSF x Far_LoA	-9,25256805	0,031	0,298
CHR3	1002387	CHR3:1002387	SSF x Far_LoA	-10,3128149	0,006	0,309
CHR3	1002513	CHR3:1002513	SSF x Far_LoA	-11,4182095	0,034	0,296
CHR3	1002567	CHR3:1002567	SSF x Far_LoA	-11,9734185	-0,055	0,312
CHR3	1E+07	CHR3:10034150	SSF x Far_LoA	-9,07419922	0,069	0,303
CHR3	1E+07	CHR3:10034268	SSF x Far_LoA	-9,68677319	-0,062	0,312
CHR3	1E+07	CHR3:10046814	SSF x Far_LoA	-9,07958867	-0,047	0,320
CHR3	1E+07	CHR3:10047047	SSF x Far_LoA	-7,5704175	-0,082	0,303
CHR3	1E+07	CHR3:10058544	SSF x Far_LoA	-8,04629812	-0,105	0,305
CHR3	1E+07	CHR3:10058646	SSF x Far_LoA	-8,25926307	-0,033	0,308
CHR3	1E+07	CHR3:10058659	SSF x Far_LoA	-7,3596269	0,203	0,285
CHR3	1E+07	CHR3:10058663	SSF x Far_LoA	-9,11736728	-0,023	0,301
CHR3	1E+07	CHR3:10058664	SSF x Far_LoA	-8,95834683	-0,034	0,312
CHR3	1E+07	CHR3:10059605	SSF x Far_LoA	-10,4938869	0,012	0,315
CHR3	1E+07	CHR3:10059632	SSF x Far_LoA	-7,64928778	-0,166	0,301
CHR3	1E+07	CHR3:10059775	SSF x Far_LoA	-6,29375311	-0,140	0,317
CHR3	1E+07	CHR3:10059804	SSF x Far_LoA	-5,72081872	-0,176	0,295
CHR3	1E+07	CHR3:10059824	SSF x Far_LoA	-6,75861071	-0,139	0,298

CHR3	1E+07	CHR3:10059828	SSF x Far_LoA	-4,91401646	-0,099	0,292
CHR3	1E+07	CHR3:10059851	SSF x Far_LoA	-8,52391563	0,006	0,313
CHR3	1E+07	CHR3:10064105	SSF x Far_LoA	-10,4097096	0,087	0,313
CHR3	1E+07	CHR3:10064132	SSF x Far_LoA	-6,78896331	-0,162	0,280
CHR3	1E+07	CHR3:10064135	SSF x Far_LoA	-9,20784375	0,205	0,280
CHR3	1E+07	CHR3:10064144	SSF x Far_LoA	-7,15237774	-0,142	0,297
CHR3	1E+07	CHR3:10064196	SSF x Far_LoA	-9,46475812	-0,021	0,314
CHR3	1006445	CHR3:1006445	SSF x Far_LoA	-9,74104411	0,058	0,295
CHR3	1006464	CHR3:1006464	SSF x Far_LoA	-8,21567349	0,070	0,303
CHR3	1E+07	CHR3:10067546	SSF x Far_LoA	-10,8408885	0,069	0,302
CHR3	1E+07	CHR3:10077099	SSF x Far_LoA	-4,86714601	0,007	0,300
CHR3	1E+07	CHR3:10077180	SSF x Far_LoA	-8,61988837	0,073	0,316
CHR3	1E+07	CHR3:10091693	SSF x Far_LoA	-10,3990225	-0,023	0,293
CHR3	1E+07	CHR3:10091776	SSF x Far_LoA	-9,74994021	-0,086	0,305
CHR3	1E+07	CHR3:10091782	SSF x Far_LoA	-9,56290233	-0,098	0,305
CHR3	1E+07	CHR3:10092085	SSF x Far_LoA	-9,99138329	0,079	0,311
CHR3	1E+07	CHR3:10092091	SSF x Far_LoA	-8,07280382	0,017	0,312
CHR3	1E+07	CHR3:10092097	SSF x Far_LoA	-9,56528686	0,053	0,318
CHR3	1E+07	CHR3:10092154	SSF x Far_LoA	-11,5308292	-0,071	0,297
CHR3	1E+07	CHR3:10092176	SSF x Far_LoA	-8,79970748	0,045	0,307
CHR3	1E+07	CHR3:10094327	SSF x Far_LoA	-10,6622621	0,029	0,302
CHR3	1E+07	CHR3:10095252	SSF x Far_LoA	-5,26949602	0,159	0,301
CHR3	1E+07	CHR3:10095363	SSF x Far_LoA	-7,78346796	0,006	0,319
CHR3	1E+07	CHR3:10095961	SSF x Far_LoA	-8,58088848	-0,067	0,303
CHR3	1E+07	CHR3:10096815	SSF x Far_LoA	-9,19199132	0,058	0,305
CHR3	1E+07	CHR3:10096975	SSF x Far_LoA	-9,32079535	0,063	0,312
CHR3	1E+07	CHR3:10097054	SSF x Far_LoA	-4,11539134	-0,137	0,311
CHR3	1E+07	CHR3:10097062	SSF x Far_LoA	-5,49501453	0,057	0,309
CHR3	1E+07	CHR3:10097076	SSF x Far_LoA	-6,35753248	0,008	0,313
CHR3	1E+07	CHR3:10098418	SSF x Far_LoA	-9,76677619	0,063	0,318
CHR3	1E+07	CHR3:10098461	SSF x Far_LoA	-9,28172498	0,133	0,305
CHR3	1E+07	CHR3:10106498	SSF x Far_LoA	-9,49606252	0,113	0,292
CHR3	1E+07	CHR3:10106574	SSF x Far_LoA	-5,03577473	0,160	0,303
CHR3	1E+07	CHR3:10106584	SSF x Far_LoA	-9,17046028	0,088	0,309
CHR3	1E+07	CHR3:10116135	SSF x Far_LoA	-4,85092614	-0,003	0,305
CHR3	1E+07	CHR3:10116145	SSF x Far_LoA	-9,0824034	-0,104	0,304
CHR3	1E+07	CHR3:10116150	SSF x Far_LoA	-10,8068761	0,051	0,311
CHR3	1E+07	CHR3:10120357	SSF x Far_LoA	-8,24105905	-0,036	0,320
CHR3	1E+07	CHR3:10130889	SSF x Far_LoA	-11,2068332	-0,028	0,303
CHR3	1E+07	CHR3:10141359	SSF x Far_LoA	-11,8057854	0,055	0,303
CHR3	1E+07	CHR3:10141400	SSF x Far_LoA	-10,7395708	-0,036	0,317
CHR3	1E+07	CHR3:10141469	SSF x Far_LoA	-9,36510628	0,046	0,312
CHR3	1E+07	CHR3:10141526	SSF x Far_LoA	-6,29953456	-0,094	0,300
CHR3	1E+07	CHR3:10141712	SSF x Far_LoA	-9,00737468	-0,027	0,309
CHR3	1E+07	CHR3:10158494	SSF x Far_LoA	-8,96641806	0,118	0,300
CHR3	1E+07	CHR3:10160015	SSF x Far_LoA	-10,0540294	-0,018	0,321
CHR3	1E+07	CHR3:10160043	SSF x Far_LoA	-9,11390259	0,033	0,316
CHR3	1E+07	CHR3:10160074	SSF x Far_LoA	-9,2075031	-0,140	0,306
CHR3	1E+07	CHR3:10160103	SSF x Far_LoA	-10,6561255	-0,101	0,304
CHR3	1E+07	CHR3:10160115	SSF x Far_LoA	-3,17934988	-0,193	0,299
CHR3	1E+07	CHR3:10160116	SSF x Far_LoA	-9,60672817	0,094	0,312
CHR3	1E+07	CHR3:10160193	SSF x Far_LoA	-10,3963581	-0,075	0,300
CHR3	1E+07	CHR3:10162025	SSF x Far_LoA	-11,6300839	-0,005	0,307

CHR3	1E+07	CHR3:10162028	SSF x Far_LoA	-11,6343941	0,018	0,297
CHR3	1E+07	CHR3:10162043	SSF x Far_LoA	-10,8026462	0,025	0,303
CHR3	1E+07	CHR3:10162074	SSF x Far_LoA	-10,5426123	-0,076	0,296
CHR3	1E+07	CHR3:10162085	SSF x Far_LoA	-10,2331079	0,110	0,320
CHR3	1E+07	CHR3:10167040	SSF x Far_LoA	-2,30550775	-0,136	0,298
CHR3	1E+07	CHR3:10167061	SSF x Far_LoA	-8,32663209	0,068	0,299
CHR3	1E+07	CHR3:10167121	SSF x Far_LoA	-9,98387445	0,016	0,316
CHR3	1E+07	CHR3:10167158	SSF x Far_LoA	-10,3280102	0,019	0,315
CHR3	1E+07	CHR3:10167163	SSF x Far_LoA	-8,15862778	-0,019	0,316
CHR3	1E+07	CHR3:10167205	SSF x Far_LoA	-11,5437763	0,017	0,302
CHR3	1E+07	CHR3:10167254	SSF x Far_LoA	-9,47844114	-0,003	0,299
CHR3	1E+07	CHR3:10167256	SSF x Far_LoA	-9,89910963	0,008	0,310
CHR3	1E+07	CHR3:10167287	SSF x Far_LoA	-10,195767	0,044	0,298
CHR3	1E+07	CHR3:10167303	SSF x Far_LoA	-10,8373651	-0,095	0,297
CHR3	1E+07	CHR3:10170373	SSF x Far_LoA	-1,65141232	-0,149	0,287
CHR3	1E+07	CHR3:10170387	SSF x Far_LoA	-8,39641221	-0,135	0,299
CHR3	1E+07	CHR3:10183412	SSF x Far_LoA	-8,03664039	0,068	0,311
CHR3	1E+07	CHR3:10183507	SSF x Far_LoA	-10,4367139	0,070	0,308
CHR3	1E+07	CHR3:10183516	SSF x Far_LoA	-10,3445045	-0,037	0,322
CHR3	1E+07	CHR3:10183584	SSF x Far_LoA	-10,568703	-0,074	0,309
CHR3	1E+07	CHR3:10185293	SSF x Far_LoA	-9,25292836	-0,065	0,313
CHR3	1E+07	CHR3:10192985	SSF x Far_LoA	-9,73420539	0,008	0,307
CHR3	1E+07	CHR3:10192987	SSF x Far_LoA	-7,80667484	0,005	0,309
CHR3	1E+07	CHR3:10200204	SSF x Far_LoA	-9,29997445	0,002	0,329
CHR3	1E+07	CHR3:10200244	SSF x Far_LoA	-7,95942991	-0,130	0,307
CHR3	1E+07	CHR3:10208037	SSF x Far_LoA	-11,0016843	0,016	0,303
CHR3	1E+07	CHR3:10208051	SSF x Far_LoA	-7,54052449	-0,095	0,303
CHR3	1E+07	CHR3:10208120	SSF x Far_LoA	-10,1796646	0,040	0,314
CHR3	1E+07	CHR3:10208132	SSF x Far_LoA	-7,76770597	-0,011	0,307
CHR3	1E+07	CHR3:10208154	SSF x Far_LoA	-8,09231224	0,109	0,317
CHR3	1E+07	CHR3:10208196	SSF x Far_LoA	-8,85667433	-0,089	0,308
CHR3	1E+07	CHR3:10208239	SSF x Far_LoA	-7,08020773	0,079	0,298
CHR3	1E+07	CHR3:10208259	SSF x Far_LoA	-9,5360248	-0,127	0,301
CHR3	1E+07	CHR3:10208263	SSF x Far_LoA	-9,06253941	0,136	0,296
CHR3	1E+07	CHR3:10211969	SSF x Far_LoA	-11,1877518	0,038	0,312
CHR3	1E+07	CHR3:10226786	SSF x Far_LoA	-11,0261071	-0,099	0,312
CHR3	1E+07	CHR3:10230924	SSF x Far_LoA	-11,8916311	0,033	0,315
CHR3	1E+07	CHR3:10230945	SSF x Far_LoA	-11,3033484	-0,025	0,303
CHR3	1E+07	CHR3:10231007	SSF x Far_LoA	-9,87264529	0,024	0,293
CHR3	1E+07	CHR3:10232770	SSF x Far_LoA	-8,82354019	0,018	0,317
CHR3	1E+07	CHR3:10258959	SSF x Far_LoA	-11,239723	0,042	0,312
CHR3	1E+07	CHR3:10289047	SSF x Far_LoA	-10,8252873	0,026	0,309
CHR3	1E+07	CHR3:10289827	SSF x Far_LoA	-8,5538907	0,097	0,310
CHR3	1E+07	CHR3:10289899	SSF x Far_LoA	-11,5339129	-0,027	0,313
CHR3	1E+07	CHR3:10291032	SSF x Far_LoA	-11,7473655	0,041	0,296
CHR3	1E+07	CHR3:10291104	SSF x Far_LoA	-8,5155373	-0,056	0,307
CHR3	1E+07	CHR3:10291108	SSF x Far_LoA	-8,80789468	-0,040	0,305
CHR3	1E+07	CHR3:10291132	SSF x Far_LoA	-9,40355029	0,030	0,300
CHR3	1E+07	CHR3:10294501	SSF x Far_LoA	-10,1097071	0,062	0,313
CHR3	1E+07	CHR3:10294553	SSF x Far_LoA	-0,14851382	-0,254	0,289
CHR3	1E+07	CHR3:10299964	SSF x Far_LoA	-10,1851055	-0,038	0,296
CHR3	1E+07	CHR3:10299965	SSF x Far_LoA	-9,77958468	-0,021	0,294
CHR3	1E+07	CHR3:10299986	SSF x Far_LoA	-9,88939114	-0,209	0,297

CHR3	1E+07	CHR3:10299989	SSF x Far_LoA	-9,67677512	-0,147	0,301
CHR3	1E+07	CHR3:10300003	SSF x Far_LoA	-7,29035448	-0,163	0,279
CHR3	1E+07	CHR3:10326524	SSF x Far_LoA	-10,5779279	-0,128	0,302
CHR3	1E+07	CHR3:10326633	SSF x Far_LoA	-8,71377507	0,072	0,308
CHR3	1E+07	CHR3:10330812	SSF x Far_LoA	-9,68172397	-0,088	0,299
CHR3	1E+07	CHR3:10336554	SSF x Far_LoA	-7,64824035	-0,109	0,308
CHR3	1E+07	CHR3:10342673	SSF x Far_LoA	-10,7844514	0,004	0,294
CHR3	1E+07	CHR3:10344361	SSF x Far_LoA	-8,54581591	-0,014	0,305
CHR3	1E+07	CHR3:10350817	SSF x Far_LoA	-10,8245987	-0,093	0,311
CHR3	1E+07	CHR3:10375826	SSF x Far_LoA	-10,9198917	-0,011	0,305
CHR3	1E+07	CHR3:10376224	SSF x Far_LoA	-10,2962816	-0,063	0,305
CHR3	1E+07	CHR3:10381826	SSF x Far_LoA	-11,6243197	0,026	0,292
CHR3	1E+07	CHR3:10381844	SSF x Far_LoA	-11,9745949	0,043	0,305
CHR3	1E+07	CHR3:10381855	SSF x Far_LoA	-8,92607963	-0,130	0,299
CHR3	1E+07	CHR3:10381876	SSF x Far_LoA	-9,04154903	-0,002	0,309
CHR3	1E+07	CHR3:10381889	SSF x Far_LoA	-10,4890601	0,046	0,312
CHR3	1E+07	CHR3:10381960	SSF x Far_LoA	-10,2804006	0,021	0,327
CHR3	1E+07	CHR3:10381965	SSF x Far_LoA	-6,28650176	0,165	0,298
CHR3	1E+07	CHR3:10381978	SSF x Far_LoA	-9,07806592	0,017	0,316
CHR3	1E+07	CHR3:10390961	SSF x Far_LoA	-8,84025016	-0,010	0,318
CHR3	1E+07	CHR3:10391110	SSF x Far_LoA	-8,52644002	-0,018	0,327
CHR3	1E+07	CHR3:10414171	SSF x Far_LoA	-11,1431894	-0,016	0,292
CHR3	1E+07	CHR3:10414194	SSF x Far_LoA	-8,99001309	-0,113	0,308
CHR3	1E+07	CHR3:10437984	SSF x Far_LoA	-9,18174688	-0,061	0,307
CHR3	1E+07	CHR3:10438000	SSF x Far_LoA	-9,49031581	0,054	0,308
CHR3	1E+07	CHR3:10438072	SSF x Far_LoA	-8,53255549	-0,094	0,314
CHR3	1E+07	CHR3:10438140	SSF x Far_LoA	-10,039946	0,044	0,308
CHR3	1E+07	CHR3:10438154	SSF x Far_LoA	-12,0591317	-0,081	0,303
CHR3	1E+07	CHR3:10438185	SSF x Far_LoA	-11,2845588	0,007	0,308
CHR3	1E+07	CHR3:10438192	SSF x Far_LoA	-4,6782744	-0,012	0,296
CHR3	1E+07	CHR3:10442097	SSF x Far_LoA	-10,1578264	0,033	0,298
CHR3	1E+07	CHR3:10442293	SSF x Far_LoA	-6,01819994	0,133	0,312
CHR3	1E+07	CHR3:10465603	SSF x Far_LoA	-9,2805426	-0,061	0,311
CHR3	1E+07	CHR3:10465606	SSF x Far_LoA	-11,218265	-0,002	0,300
CHR3	1E+07	CHR3:10465650	SSF x Far_LoA	-10,944441	0,035	0,301
CHR3	1E+07	CHR3:10465652	SSF x Far_LoA	-8,90819279	0,051	0,311
CHR3	1E+07	CHR3:10465712	SSF x Far_LoA	-7,70381335	-0,018	0,321
CHR3	1E+07	CHR3:10465762	SSF x Far_LoA	-9,89750494	-0,019	0,310
CHR3	1E+07	CHR3:10465799	SSF x Far_LoA	-12,5895942	0,010	0,295
CHR3	1E+07	CHR3:10465810	SSF x Far_LoA	-7,68579088	0,097	0,300
CHR3	1E+07	CHR3:10465823	SSF x Far_LoA	-9,72551836	-0,068	0,309
CHR3	1E+07	CHR3:10482236	SSF x Far_LoA	-9,60424958	-0,052	0,304
CHR3	1E+07	CHR3:10482285	SSF x Far_LoA	-7,56733323	0,010	0,307
CHR3	1E+07	CHR3:10482331	SSF x Far_LoA	-12,1713727	-0,011	0,300
CHR3	1E+07	CHR3:10485829	SSF x Far_LoA	-6,16462301	-0,073	0,313
CHR3	1E+07	CHR3:10485842	SSF x Far_LoA	-5,40173022	-0,096	0,310
CHR3	1E+07	CHR3:10488664	SSF x Far_LoA	-7,78399472	0,093	0,314
CHR3	1E+07	CHR3:10490523	SSF x Far_LoA	-7,96398226	0,080	0,308
CHR3	1E+07	CHR3:10490587	SSF x Far_LoA	-11,7243247	0,117	0,307
CHR3	1E+07	CHR3:10490647	SSF x Far_LoA	-8,93445351	-0,084	0,313
CHR3	1E+07	CHR3:10494173	SSF x Far_LoA	-8,88207309	-0,025	0,308
CHR3	1E+07	CHR3:10494176	SSF x Far_LoA	-7,85390944	-0,015	0,300
CHR3	1E+07	CHR3:10494232	SSF x Far_LoA	-9,32018162	0,039	0,302

CHR3	1E+07	CHR3:10494243	SSF x Far_LoA	-7,70849648	-0,048	0,322
CHR3	1E+07	CHR3:10494278	SSF x Far_LoA	-9,20429513	0,023	0,309
CHR3	10500231	CHR3:10500231	SSF x Far_LoA	-7,37285787	0,023	0,308
CHR3	1050140	CHR3:1050140	SSF x Far_LoA	-1,11996945	0,001	0,305
CHR3	1050153	CHR3:1050153	SSF x Far_LoA	-8,22754574	-0,127	0,302
CHR3	1050184	CHR3:1050184	SSF x Far_LoA	-6,94553453	-0,062	0,297
CHR3	1050187	CHR3:1050187	SSF x Far_LoA	-7,48212457	0,172	0,300
CHR3	10502002	CHR3:10502002	SSF x Far_LoA	-7,40746867	-0,101	0,311
CHR3	10502072	CHR3:10502072	SSF x Far_LoA	-9,26813397	-0,024	0,303
CHR3	1050219	CHR3:1050219	SSF x Far_LoA	-9,30070427	-0,040	0,297
CHR3	10505558	CHR3:10505558	SSF x Far_LoA	-11,4092195	0,082	0,293
CHR3	10511313	CHR3:10511313	SSF x Far_LoA	-9,42036263	-0,083	0,300
CHR3	10511356	CHR3:10511356	SSF x Far_LoA	-10,7870149	0,075	0,313
CHR3	10511395	CHR3:10511395	SSF x Far_LoA	-10,6424822	-0,008	0,309
CHR3	10511458	CHR3:10511458	SSF x Far_LoA	-10,0393053	-0,121	0,313
CHR3	10514984	CHR3:10514984	SSF x Far_LoA	-9,65074072	0,097	0,305
CHR3	10515006	CHR3:10515006	SSF x Far_LoA	-8,16657719	-0,122	0,297
CHR3	10515062	CHR3:10515062	SSF x Far_LoA	-10,6666918	0,117	0,309
CHR3	10515073	CHR3:10515073	SSF x Far_LoA	-7,79072444	0,083	0,306
CHR3	10515128	CHR3:10515128	SSF x Far_LoA	-9,91309035	-0,009	0,297
CHR3	10515144	CHR3:10515144	SSF x Far_LoA	-7,33792307	0,082	0,321
CHR3	10515168	CHR3:10515168	SSF x Far_LoA	-1,99707779	-0,008	0,315
CHR3	10515174	CHR3:10515174	SSF x Far_LoA	-9,10816035	0,016	0,307
CHR3	10515194	CHR3:10515194	SSF x Far_LoA	-9,49259892	0,006	0,299
CHR3	10515214	CHR3:10515214	SSF x Far_LoA	-6,06820008	-0,033	0,315
CHR3	10515232	CHR3:10515232	SSF x Far_LoA	-8,32436276	-0,035	0,324
CHR3	10517388	CHR3:10517388	SSF x Far_LoA	-10,1091889	0,034	0,319
CHR3	10522728	CHR3:10522728	SSF x Far_LoA	-1,3146984	-0,009	0,298
CHR3	10525057	CHR3:10525057	SSF x Far_LoA	-8,06036019	0,042	0,303
CHR3	10525211	CHR3:10525211	SSF x Far_LoA	-7,79331067	-0,115	0,309
CHR3	10525242	CHR3:10525242	SSF x Far_LoA	-7,29160663	-0,145	0,287
CHR3	10525251	CHR3:10525251	SSF x Far_LoA	-7,79026783	-0,132	0,289
CHR3	10525284	CHR3:10525284	SSF x Far_LoA	-0,84517518	-0,139	0,302
CHR3	10525318	CHR3:10525318	SSF x Far_LoA	-8,80648239	-0,053	0,295
CHR3	10530537	CHR3:10530537	SSF x Far_LoA	-9,56884933	0,127	0,311
CHR3	10530736	CHR3:10530736	SSF x Far_LoA	-9,18917769	-0,069	0,312
CHR3	10530748	CHR3:10530748	SSF x Far_LoA	-10,775899	-0,045	0,304
CHR3	10536940	CHR3:10536940	SSF x Far_LoA	-8,83347344	-0,006	0,323
CHR3	10538782	CHR3:10538782	SSF x Far_LoA	-9,99217673	0,015	0,317
CHR3	10538951	CHR3:10538951	SSF x Far_LoA	-9,44336427	-0,081	0,301
CHR3	10539038	CHR3:10539038	SSF x Far_LoA	-9,13436717	0,122	0,307
CHR3	10545175	CHR3:10545175	SSF x Far_LoA	-11,5102208	0,012	0,307
CHR3	10553805	CHR3:10553805	SSF x Far_LoA	-11,3281734	0,062	0,314
CHR3	10553810	CHR3:10553810	SSF x Far_LoA	-10,9175121	-0,050	0,303
CHR3	10553835	CHR3:10553835	SSF x Far_LoA	-9,77456399	-0,058	0,306
CHR3	10553888	CHR3:10553888	SSF x Far_LoA	-9,02064735	-0,012	0,303
CHR3	10554015	CHR3:10554015	SSF x Far_LoA	-9,92698126	-0,050	0,308
CHR3	10559809	CHR3:10559809	SSF x Far_LoA	-6,52901979	-0,197	0,298
CHR3	10559991	CHR3:10559991	SSF x Far_LoA	-10,7634177	0,092	0,310
CHR3	10563600	CHR3:10563600	SSF x Far_LoA	-7,72577784	-0,082	0,290
CHR3	10564962	CHR3:10564962	SSF x Far_LoA	-10,4304621	0,107	0,308
CHR3	10565064	CHR3:10565064	SSF x Far_LoA	-10,0373973	0,026	0,312
CHR3	10565098	CHR3:10565098	SSF x Far_LoA	-9,28775027	-0,014	0,293

CHR3	10586063	CHR3:10586063	SSF x Far_LoA	-10,1315873	0,094	0,283
CHR3	10586071	CHR3:10586071	SSF x Far_LoA	-10,8946082	-0,041	0,304
CHR3	10596793	CHR3:10596793	SSF x Far_LoA	-8,97670818	-0,036	0,311
CHR3	10596865	CHR3:10596865	SSF x Far_LoA	-11,1571028	-0,011	0,308
CHR3	10596923	CHR3:10596923	SSF x Far_LoA	-9,09329624	-0,046	0,321
CHR3	10596968	CHR3:10596968	SSF x Far_LoA	-8,92208988	-0,075	0,302
CHR3	10607944	CHR3:10607944	SSF x Far_LoA	-9,53536489	-0,041	0,284
CHR3	1060832	CHR3:1060832	SSF x Far_LoA	-10,0472588	0,159	0,291
CHR3	10612132	CHR3:10612132	SSF x Far_LoA	-7,04910535	0,093	0,298
CHR3	10617304	CHR3:10617304	SSF x Far_LoA	-9,97863332	0,058	0,311
CHR3	10617314	CHR3:10617314	SSF x Far_LoA	-8,68717908	0,118	0,305
CHR3	10617317	CHR3:10617317	SSF x Far_LoA	-8,74285298	0,003	0,302
CHR3	10617330	CHR3:10617330	SSF x Far_LoA	-10,9011225	-0,009	0,306
CHR3	10617344	CHR3:10617344	SSF x Far_LoA	-9,18911444	0,012	0,295
CHR3	10617368	CHR3:10617368	SSF x Far_LoA	-8,68185842	0,008	0,321
CHR3	10623153	CHR3:10623153	SSF x Far_LoA	-8,98377787	0,119	0,294
CHR3	10623160	CHR3:10623160	SSF x Far_LoA	-9,67522269	0,102	0,321
CHR3	10633226	CHR3:10633226	SSF x Far_LoA	-8,42983205	0,034	0,302
CHR3	10633235	CHR3:10633235	SSF x Far_LoA	0,8148637	-0,065	0,300
CHR3	10633251	CHR3:10633251	SSF x Far_LoA	-10,8967079	-0,084	0,300
CHR3	10633264	CHR3:10633264	SSF x Far_LoA	-9,74734081	-0,087	0,292
CHR3	10633289	CHR3:10633289	SSF x Far_LoA	-9,44567219	-0,117	0,295
CHR3	10633290	CHR3:10633290	SSF x Far_LoA	-8,77213129	-0,140	0,312
CHR3	10633425	CHR3:10633425	SSF x Far_LoA	-8,86990486	-0,027	0,305
CHR3	10633433	CHR3:10633433	SSF x Far_LoA	-11,0853548	-0,038	0,309
CHR3	10638958	CHR3:10638958	SSF x Far_LoA	-9,62181035	0,136	0,295
CHR3	10639028	CHR3:10639028	SSF x Far_LoA	-6,48240269	0,194	0,287
CHR3	10639196	CHR3:10639196	SSF x Far_LoA	-9,14136855	-0,065	0,303
CHR3	10640201	CHR3:10640201	SSF x Far_LoA	-11,1812471	0,085	0,308
CHR3	1064549	CHR3:1064549	SSF x Far_LoA	1,83163703	-0,086	0,321
CHR3	1064552	CHR3:1064552	SSF x Far_LoA	-8,88915221	-0,076	0,295
CHR3	10660239	CHR3:10660239	SSF x Far_LoA	-8,6919941	0,013	0,291
CHR3	10660240	CHR3:10660240	SSF x Far_LoA	-9,47341893	0,044	0,296
CHR3	10660241	CHR3:10660241	SSF x Far_LoA	-8,9832169	0,052	0,301
CHR3	10660262	CHR3:10660262	SSF x Far_LoA	-9,75242856	0,030	0,287
CHR3	10660331	CHR3:10660331	SSF x Far_LoA	-11,9808771	0,046	0,300
CHR3	1066934	CHR3:1066934	SSF x Far_LoA	-11,2619146	0,104	0,290
CHR3	1066984	CHR3:1066984	SSF x Far_LoA	-0,2332771	0,218	0,274
CHR3	1067060	CHR3:1067060	SSF x Far_LoA	-11,2726521	0,030	0,302
CHR3	1067074	CHR3:1067074	SSF x Far_LoA	-6,53809938	0,154	0,286
CHR3	10675403	CHR3:10675403	SSF x Far_LoA	-9,46369467	0,071	0,297
CHR3	10675417	CHR3:10675417	SSF x Far_LoA	-8,25122524	-0,070	0,316
CHR3	10675529	CHR3:10675529	SSF x Far_LoA	-9,85936207	-0,002	0,308
CHR3	10681693	CHR3:10681693	SSF x Far_LoA	-8,43461265	-0,047	0,316
CHR3	10681697	CHR3:10681697	SSF x Far_LoA	-8,39431478	-0,044	0,321
CHR3	10681699	CHR3:10681699	SSF x Far_LoA	-9,38777386	0,037	0,291
CHR3	10681750	CHR3:10681750	SSF x Far_LoA	-10,7350729	0,024	0,311
CHR3	10691977	CHR3:10691977	SSF x Far_LoA	-8,97796312	-0,013	0,313
CHR3	10692008	CHR3:10692008	SSF x Far_LoA	-7,94505562	-0,009	0,304
CHR3	10692149	CHR3:10692149	SSF x Far_LoA	-8,290605	-0,042	0,334
CHR3	10692190	CHR3:10692190	SSF x Far_LoA	-10,0759582	-0,065	0,306
CHR3	1070804	CHR3:1070804	SSF x Far_LoA	-11,1885344	0,032	0,301
CHR3	1070863	CHR3:1070863	SSF x Far_LoA	-8,44019798	0,010	0,308

CHR3	1070865	CHR3:1070865	SSF x Far_LoA	-11,6869894	-0,047	0,311
CHR3	1070899	CHR3:1070899	SSF x Far_LoA	-10,1039583	-0,089	0,318
CHR3	1070915	CHR3:1070915	SSF x Far_LoA	-11,0430333	0,003	0,316
CHR3	10709561	CHR3:10709561	SSF x Far_LoA	-7,96826518	-0,048	0,320
CHR3	1070964	CHR3:1070964	SSF x Far_LoA	-8,51658734	-0,104	0,311
CHR3	10718384	CHR3:10718384	SSF x Far_LoA	-11,5290819	0,064	0,312
CHR3	10734916	CHR3:10734916	SSF x Far_LoA	-9,54172246	0,051	0,316
CHR3	10734917	CHR3:10734917	SSF x Far_LoA	-8,44851669	0,060	0,315
CHR3	10734928	CHR3:10734928	SSF x Far_LoA	-8,41501882	-0,127	0,321
CHR3	10734986	CHR3:10734986	SSF x Far_LoA	-6,63006076	-0,105	0,299
CHR3	10735134	CHR3:10735134	SSF x Far_LoA	-3,35392988	-0,095	0,309
CHR3	10743513	CHR3:10743513	SSF x Far_LoA	-7,9803525	-0,115	0,291
CHR3	10743570	CHR3:10743570	SSF x Far_LoA	-11,361635	-0,055	0,300
CHR3	10743608	CHR3:10743608	SSF x Far_LoA	-9,89043316	0,100	0,302
CHR3	10743684	CHR3:10743684	SSF x Far_LoA	-9,73397862	0,050	0,305
CHR3	10755492	CHR3:10755492	SSF x Far_LoA	-10,6897302	0,070	0,307
CHR3	10755520	CHR3:10755520	SSF x Far_LoA	-9,71284598	0,137	0,298
CHR3	10755583	CHR3:10755583	SSF x Far_LoA	-9,8475596	-0,116	0,292
CHR3	10755611	CHR3:10755611	SSF x Far_LoA	-7,23789427	-0,155	0,292
CHR3	10766045	CHR3:10766045	SSF x Far_LoA	-9,47815628	-0,025	0,297
CHR3	10766053	CHR3:10766053	SSF x Far_LoA	-9,02291432	-0,021	0,295
CHR3	10771873	CHR3:10771873	SSF x Far_LoA	-1,43700838	-0,049	0,312
CHR3	10772340	CHR3:10772340	SSF x Far_LoA	-9,47828617	-0,025	0,307
CHR3	10772347	CHR3:10772347	SSF x Far_LoA	-9,96312107	0,002	0,315
CHR3	10777668	CHR3:10777668	SSF x Far_LoA	-7,66194138	-0,006	0,313
CHR3	10777710	CHR3:10777710	SSF x Far_LoA	-11,0725779	-0,014	0,309
CHR3	10777741	CHR3:10777741	SSF x Far_LoA	-10,2345839	-0,027	0,294
CHR3	10783256	CHR3:10783256	SSF x Far_LoA	-10,1407373	0,000	0,303
CHR3	10783374	CHR3:10783374	SSF x Far_LoA	-9,80712773	-0,090	0,311
CHR3	10787635	CHR3:10787635	SSF x Far_LoA	-8,67405072	-0,063	0,309
CHR3	10787672	CHR3:10787672	SSF x Far_LoA	-9,12192528	-0,142	0,303
CHR3	10787682	CHR3:10787682	SSF x Far_LoA	-9,76021512	0,083	0,317
CHR3	10790333	CHR3:10790333	SSF x Far_LoA	-10,2851877	-0,032	0,310
CHR3	10793508	CHR3:10793508	SSF x Far_LoA	-8,49069325	0,030	0,294
CHR3	10793516	CHR3:10793516	SSF x Far_LoA	-8,86457791	0,039	0,303
CHR3	10793521	CHR3:10793521	SSF x Far_LoA	-9,00100351	0,028	0,310
CHR3	10793535	CHR3:10793535	SSF x Far_LoA	-0,83763609	0,020	0,319
CHR3	10793613	CHR3:10793613	SSF x Far_LoA	-8,88889765	0,033	0,308
CHR3	10793692	CHR3:10793692	SSF x Far_LoA	-8,80439523	-0,059	0,311
CHR3	10793723	CHR3:10793723	SSF x Far_LoA	-7,82837716	0,105	0,312
CHR3	10793756	CHR3:10793756	SSF x Far_LoA	-8,45754566	-0,046	0,314
CHR3	10802054	CHR3:10802054	SSF x Far_LoA	-10,7652163	0,039	0,298
CHR3	10802102	CHR3:10802102	SSF x Far_LoA	-12,7388921	0,004	0,292
CHR3	10802142	CHR3:10802142	SSF x Far_LoA	-9,64204167	0,032	0,300
CHR3	10802233	CHR3:10802233	SSF x Far_LoA	-8,51452689	0,069	0,310
CHR3	10802248	CHR3:10802248	SSF x Far_LoA	-8,0850328	0,046	0,314
CHR3	1080735	CHR3:1080735	SSF x Far_LoA	-7,63934429	-0,095	0,315
CHR3	1080757	CHR3:1080757	SSF x Far_LoA	-10,6175686	-0,042	0,306
CHR3	1080770	CHR3:1080770	SSF x Far_LoA	-9,74853123	0,007	0,306
CHR3	1080792	CHR3:1080792	SSF x Far_LoA	-10,9027116	0,000	0,306
CHR3	1080869	CHR3:1080869	SSF x Far_LoA	-11,2671593	0,038	0,312
CHR3	10811342	CHR3:10811342	SSF x Far_LoA	-6,25122838	0,058	0,317
CHR3	10835751	CHR3:10835751	SSF x Far_LoA	-8,26147177	-0,073	0,324

CHR3	10835828	CHR3:10835828	SSF x Far_LoA	-9,1098748	0,015	0,319
CHR3	10835830	CHR3:10835830	SSF x Far_LoA	-8,78133809	-0,023	0,316
CHR3	10835833	CHR3:10835833	SSF x Far_LoA	-10,8734768	0,019	0,307
CHR3	10835841	CHR3:10835841	SSF x Far_LoA	-10,7525732	-0,050	0,313
CHR3	1085500	CHR3:1085500	SSF x Far_LoA	-11,8257215	-0,007	0,297
CHR3	1085601	CHR3:1085601	SSF x Far_LoA	-12,4347494	0,038	0,297
CHR3	1085618	CHR3:1085618	SSF x Far_LoA	-9,4729593	0,002	0,298
CHR3	10872577	CHR3:10872577	SSF x Far_LoA	-10,0989447	-0,042	0,306
CHR3	10888038	CHR3:10888038	SSF x Far_LoA	-6,70020102	0,059	0,316
CHR3	10888075	CHR3:10888075	SSF x Far_LoA	-8,86457694	0,050	0,311
CHR3	1089387	CHR3:1089387	SSF x Far_LoA	-9,50228439	0,048	0,310
CHR3	1089390	CHR3:1089390	SSF x Far_LoA	-7,46701731	0,011	0,294
CHR3	1089392	CHR3:1089392	SSF x Far_LoA	-11,9174403	0,040	0,310
CHR3	10894037	CHR3:10894037	SSF x Far_LoA	-8,78170836	-0,028	0,321
CHR3	10894085	CHR3:10894085	SSF x Far_LoA	-11,518539	0,030	0,298
CHR3	1089410	CHR3:1089410	SSF x Far_LoA	-8,25039994	-0,016	0,305
CHR3	1089411	CHR3:1089411	SSF x Far_LoA	-8,87548764	0,015	0,314
CHR3	10894247	CHR3:10894247	SSF x Far_LoA	-2,66110085	-0,029	0,310
CHR3	10907658	CHR3:10907658	SSF x Far_LoA	-10,4620614	-0,042	0,309
CHR3	10907869	CHR3:10907869	SSF x Far_LoA	-7,02404482	-0,073	0,304
CHR3	10907911	CHR3:10907911	SSF x Far_LoA	-9,95162392	-0,070	0,299
CHR3	10907921	CHR3:10907921	SSF x Far_LoA	-7,52694018	-0,095	0,315
CHR3	10907936	CHR3:10907936	SSF x Far_LoA	-12,2804926	-0,008	0,302
CHR3	10907937	CHR3:10907937	SSF x Far_LoA	-4,46179692	-0,043	0,311
CHR3	10910241	CHR3:10910241	SSF x Far_LoA	-1,40367719	0,195	0,292
CHR3	10913221	CHR3:10913221	SSF x Far_LoA	-7,67651044	0,115	0,317
CHR3	10913236	CHR3:10913236	SSF x Far_LoA	-10,0565479	-0,032	0,311
CHR3	10913296	CHR3:10913296	SSF x Far_LoA	-10,7004124	-0,050	0,310
CHR3	10917767	CHR3:10917767	SSF x Far_LoA	-9,21046854	-0,109	0,310
CHR3	10927755	CHR3:10927755	SSF x Far_LoA	-9,08835931	-0,098	0,311
CHR3	10934061	CHR3:10934061	SSF x Far_LoA	-11,8334053	-0,053	0,300
CHR3	10934076	CHR3:10934076	SSF x Far_LoA	-9,53076405	-0,048	0,310
CHR3	10934085	CHR3:10934085	SSF x Far_LoA	-12,0144869	0,049	0,296
CHR3	10934104	CHR3:10934104	SSF x Far_LoA	-4,41437058	0,084	0,312
CHR3	10934149	CHR3:10934149	SSF x Far_LoA	-9,45307939	0,028	0,309
CHR3	10934171	CHR3:10934171	SSF x Far_LoA	-4,21972773	-0,185	0,300
CHR3	10935853	CHR3:10935853	SSF x Far_LoA	-8,61837504	0,084	0,318
CHR3	10935855	CHR3:10935855	SSF x Far_LoA	-7,52673405	-0,025	0,315
CHR3	10935861	CHR3:10935861	SSF x Far_LoA	-1,70539735	-0,066	0,310
CHR3	10935919	CHR3:10935919	SSF x Far_LoA	-9,16834877	0,049	0,311
CHR3	10935934	CHR3:10935934	SSF x Far_LoA	-8,05580684	0,011	0,320
CHR3	10936008	CHR3:10936008	SSF x Far_LoA	-11,863701	-0,020	0,316
CHR3	10936012	CHR3:10936012	SSF x Far_LoA	-8,84157156	-0,068	0,308
CHR3	10936042	CHR3:10936042	SSF x Far_LoA	-11,48356	0,009	0,300
CHR3	10950634	CHR3:10950634	SSF x Far_LoA	-9,84076432	0,101	0,299
CHR3	10961350	CHR3:10961350	SSF x Far_LoA	-6,04428157	0,162	0,296
CHR3	1096322	CHR3:1096322	SSF x Far_LoA	-7,73387614	-0,013	0,309
CHR3	10969716	CHR3:10969716	SSF x Far_LoA	-10,94724	0,090	0,304
CHR3	10969778	CHR3:10969778	SSF x Far_LoA	-10,4431149	0,097	0,298
CHR3	10974476	CHR3:10974476	SSF x Far_LoA	-8,13110598	-0,003	0,303
CHR3	10974514	CHR3:10974514	SSF x Far_LoA	-10,2490982	-0,066	0,326
CHR3	10990611	CHR3:10990611	SSF x Far_LoA	-8,47284346	0,082	0,299
CHR3	10990741	CHR3:10990741	SSF x Far_LoA	-10,2705156	0,106	0,304

CHR3	10990766	CHR3:10990766	SSF x Far_LoA	-8,03235313	0,033	0,318
CHR3	10990801	CHR3:10990801	SSF x Far_LoA	-7,23438696	0,126	0,308
CHR3	10990802	CHR3:10990802	SSF x Far_LoA	-7,87353488	0,053	0,300
CHR3	10995252	CHR3:10995252	SSF x Far_LoA	-10,0909682	-0,088	0,306
CHR3	10995302	CHR3:10995302	SSF x Far_LoA	-10,2808417	0,022	0,294
CHR3	11004707	CHR3:11004707	SSF x Far_LoA	-10,8346864	0,110	0,304
CHR3	11004750	CHR3:11004750	SSF x Far_LoA	-7,39740608	-0,126	0,309
CHR3	11006256	CHR3:11006256	SSF x Far_LoA	-6,87554912	-0,124	0,287
CHR3	11008798	CHR3:11008798	SSF x Far_LoA	-11,1424851	-0,036	0,296
CHR3	11008863	CHR3:11008863	SSF x Far_LoA	-10,2325671	-0,037	0,317
CHR3	11014885	CHR3:11014885	SSF x Far_LoA	-7,40309492	0,012	0,315
CHR3	11015202	CHR3:11015202	SSF x Far_LoA	-10,8709798	0,041	0,313
CHR3	11025483	CHR3:11025483	SSF x Far_LoA	-8,84781109	-0,034	0,305
CHR3	11030453	CHR3:11030453	SSF x Far_LoA	-9,06235186	0,033	0,295
CHR3	11030537	CHR3:11030537	SSF x Far_LoA	-9,07351231	0,027	0,309
CHR3	11115958	CHR3:11115958	SSF x Far_LoA	-9,03220464	0,053	0,297
CHR3	11138624	CHR3:11138624	SSF x Far_LoA	-11,1242981	0,032	0,309
CHR3	11142849	CHR3:11142849	SSF x Far_LoA	-8,99538334	-0,065	0,300
CHR3	11142929	CHR3:11142929	SSF x Far_LoA	-11,2833585	0,052	0,304
CHR3	11151288	CHR3:11151288	SSF x Far_LoA	-5,81235867	-0,107	0,306
CHR3	11151297	CHR3:11151297	SSF x Far_LoA	-11,0045914	0,059	0,316
CHR3	11153309	CHR3:11153309	SSF x Far_LoA	-11,7334942	0,052	0,311
CHR3	11166584	CHR3:11166584	SSF x Far_LoA	-8,99181644	0,008	0,310
CHR3	11166667	CHR3:11166667	SSF x Far_LoA	-7,62688866	0,043	0,317
CHR3	1116946	CHR3:1116946	SSF x Far_LoA	-11,8304078	-0,001	0,303
CHR3	1116975	CHR3:1116975	SSF x Far_LoA	-10,3624359	-0,040	0,299
CHR3	11176075	CHR3:11176075	SSF x Far_LoA	-9,40188326	0,146	0,302
CHR3	11176103	CHR3:11176103	SSF x Far_LoA	-10,5174152	0,079	0,306
CHR3	11176108	CHR3:11176108	SSF x Far_LoA	-11,0017889	0,039	0,308
CHR3	11176119	CHR3:11176119	SSF x Far_LoA	-10,7180036	0,061	0,293
CHR3	11176130	CHR3:11176130	SSF x Far_LoA	-7,78904179	-0,068	0,304
CHR3	11176839	CHR3:11176839	SSF x Far_LoA	-8,60171627	0,045	0,335
CHR3	11196127	CHR3:11196127	SSF x Far_LoA	-11,676892	0,022	0,303
CHR3	11196337	CHR3:11196337	SSF x Far_LoA	-8,86402126	-0,003	0,322
CHR3	1120889	CHR3:1120889	SSF x Far_LoA	-5,39919389	0,025	0,313
CHR3	11210559	CHR3:11210559	SSF x Far_LoA	-10,1660973	0,081	0,313
CHR3	11210782	CHR3:11210782	SSF x Far_LoA	-11,2741227	0,091	0,305
CHR3	11212173	CHR3:11212173	SSF x Far_LoA	-11,5945533	-0,027	0,317
CHR3	11213730	CHR3:11213730	SSF x Far_LoA	-8,7044248	-0,009	0,312
CHR3	11213867	CHR3:11213867	SSF x Far_LoA	-6,93253006	-0,093	0,299
CHR3	11219195	CHR3:11219195	SSF x Far_LoA	-10,7141607	0,038	0,304
CHR3	11219273	CHR3:11219273	SSF x Far_LoA	-9,62955401	0,077	0,302
CHR3	11219291	CHR3:11219291	SSF x Far_LoA	-8,60088171	-0,143	0,298
CHR3	11220837	CHR3:11220837	SSF x Far_LoA	-9,25516043	-0,139	0,302
CHR3	11220929	CHR3:11220929	SSF x Far_LoA	-8,37933966	-0,142	0,309
CHR3	11220983	CHR3:11220983	SSF x Far_LoA	-11,210933	0,080	0,304
CHR3	11221035	CHR3:11221035	SSF x Far_LoA	-10,5030451	0,069	0,288
CHR3	11225062	CHR3:11225062	SSF x Far_LoA	-9,1780677	-0,056	0,307
CHR3	11228657	CHR3:11228657	SSF x Far_LoA	-11,2838212	0,048	0,313
CHR3	11228785	CHR3:11228785	SSF x Far_LoA	-10,8418512	0,005	0,281
CHR3	11248529	CHR3:11248529	SSF x Far_LoA	-9,82758148	-0,043	0,309
CHR3	11269946	CHR3:11269946	SSF x Far_LoA	-8,53899047	0,111	0,297
CHR3	11275829	CHR3:11275829	SSF x Far_LoA	-9,40876887	-0,049	0,306

CHR3	11275843	CHR3:11275843	SSF x Far_LoA	-10,2154698	-0,055	0,311
CHR3	11275869	CHR3:11275869	SSF x Far_LoA	-6,88049118	0,119	0,301
CHR3	11275969	CHR3:11275969	SSF x Far_LoA	-7,90367594	-0,047	0,333
CHR3	11275983	CHR3:11275983	SSF x Far_LoA	-8,96493038	-0,050	0,316
CHR3	11283834	CHR3:11283834	SSF x Far_LoA	-11,7555845	-0,005	0,295
CHR3	11283838	CHR3:11283838	SSF x Far_LoA	-10,0833704	-0,119	0,305
CHR3	11283842	CHR3:11283842	SSF x Far_LoA	-3,58662462	-0,113	0,308
CHR3	11283862	CHR3:11283862	SSF x Far_LoA	-8,69321726	-0,109	0,314
CHR3	11295469	CHR3:11295469	SSF x Far_LoA	-5,82892284	-0,017	0,319
CHR3	11309759	CHR3:11309759	SSF x Far_LoA	-7,71907681	-0,054	0,317
CHR3	11311449	CHR3:11311449	SSF x Far_LoA	-4,1622519	0,016	0,320
CHR3	11311450	CHR3:11311450	SSF x Far_LoA	-8,59756021	0,020	0,316
CHR3	11311464	CHR3:11311464	SSF x Far_LoA	-7,27830332	0,022	0,312
CHR3	11311500	CHR3:11311500	SSF x Far_LoA	-9,40583664	0,053	0,302
CHR3	11311577	CHR3:11311577	SSF x Far_LoA	-9,09736827	-0,032	0,303
CHR3	11319137	CHR3:11319137	SSF x Far_LoA	-10,6898308	0,066	0,299
CHR3	11322379	CHR3:11322379	SSF x Far_LoA	-7,02342814	0,130	0,302
CHR3	11322388	CHR3:11322388	SSF x Far_LoA	-5,62505431	0,175	0,289
CHR3	11332597	CHR3:11332597	SSF x Far_LoA	-10,937737	-0,097	0,298
CHR3	11332692	CHR3:11332692	SSF x Far_LoA	-12,3981597	0,011	0,308
CHR3	11339680	CHR3:11339680	SSF x Far_LoA	-5,74892547	0,007	0,314
CHR3	11339683	CHR3:11339683	SSF x Far_LoA	-11,5285536	-0,025	0,302
CHR3	11339763	CHR3:11339763	SSF x Far_LoA	-12,1489185	0,000	0,298
CHR3	11339921	CHR3:11339921	SSF x Far_LoA	-10,7171356	-0,043	0,312
CHR3	11342767	CHR3:11342767	SSF x Far_LoA	-5,96308479	0,001	0,322
CHR3	11348230	CHR3:11348230	SSF x Far_LoA	-6,4550451	-0,033	0,318
CHR3	11348567	CHR3:11348567	SSF x Far_LoA	-9,61674148	0,054	0,304
CHR3	11352281	CHR3:11352281	SSF x Far_LoA	-6,2019653	-0,011	0,301
CHR3	11369194	CHR3:11369194	SSF x Far_LoA	-5,21066284	-0,184	0,302
CHR3	11369217	CHR3:11369217	SSF x Far_LoA	-6,50155778	-0,035	0,293
CHR3	11392065	CHR3:11392065	SSF x Far_LoA	-8,50444484	-0,066	0,320
CHR3	11392131	CHR3:11392131	SSF x Far_LoA	-8,30582916	-0,119	0,306
CHR3	11392132	CHR3:11392132	SSF x Far_LoA	-6,25698556	-0,084	0,319
CHR3	11393629	CHR3:11393629	SSF x Far_LoA	-10,531467	0,036	0,311
CHR3	11398040	CHR3:11398040	SSF x Far_LoA	-8,14215807	0,036	0,326
CHR3	11398076	CHR3:11398076	SSF x Far_LoA	-9,3498804	0,035	0,307
CHR3	11398723	CHR3:11398723	SSF x Far_LoA	-6,43691223	0,142	0,287
CHR3	11398754	CHR3:11398754	SSF x Far_LoA	-10,0337529	-0,080	0,298
CHR3	11398846	CHR3:11398846	SSF x Far_LoA	-10,5988018	-0,014	0,319
CHR3	11412033	CHR3:11412033	SSF x Far_LoA	-10,6478574	0,008	0,313
CHR3	11412064	CHR3:11412064	SSF x Far_LoA	-5,85877133	-0,019	0,312
CHR3	11412078	CHR3:11412078	SSF x Far_LoA	-9,23696219	-0,038	0,315
CHR3	11417690	CHR3:11417690	SSF x Far_LoA	-9,2139056	0,006	0,321
CHR3	11417717	CHR3:11417717	SSF x Far_LoA	-9,06520696	-0,009	0,298
CHR3	11417808	CHR3:11417808	SSF x Far_LoA	-9,82215301	0,018	0,316
CHR3	11417818	CHR3:11417818	SSF x Far_LoA	2,23181012	0,027	0,311
CHR3	11417820	CHR3:11417820	SSF x Far_LoA	-9,36563028	-0,002	0,303
CHR3	11417825	CHR3:11417825	SSF x Far_LoA	-10,8970628	0,058	0,316
CHR3	11417828	CHR3:11417828	SSF x Far_LoA	-10,2180888	-0,002	0,305
CHR3	11417830	CHR3:11417830	SSF x Far_LoA	-10,0957761	-0,065	0,303
CHR3	11417939	CHR3:11417939	SSF x Far_LoA	-8,69450975	-0,049	0,297
CHR3	11418004	CHR3:11418004	SSF x Far_LoA	-9,53560529	-0,074	0,299
CHR3	11426838	CHR3:11426838	SSF x Far_LoA	-9,30152847	-0,047	0,318

CHR3	11426864	CHR3:11426864	SSF x Far_LoA	-7,58230372	0,200	0,294
CHR3	11432183	CHR3:11432183	SSF x Far_LoA	-7,23221413	0,243	0,297
CHR3	11432970	CHR3:11432970	SSF x Far_LoA	-10,2228373	-0,009	0,311
CHR3	11432971	CHR3:11432971	SSF x Far_LoA	-10,3364311	-0,005	0,318
CHR3	11440213	CHR3:11440213	SSF x Far_LoA	-10,4063988	0,021	0,312
CHR3	11440308	CHR3:11440308	SSF x Far_LoA	-10,759135	-0,059	0,304
CHR3	11440320	CHR3:11440320	SSF x Far_LoA	-9,33854616	-0,021	0,315
CHR3	11440337	CHR3:11440337	SSF x Far_LoA	-10,8341452	-0,052	0,299
CHR3	11440361	CHR3:11440361	SSF x Far_LoA	-7,65325861	0,022	0,311
CHR3	11440377	CHR3:11440377	SSF x Far_LoA	-7,55923248	-0,098	0,313
CHR3	11440383	CHR3:11440383	SSF x Far_LoA	-7,93854724	-0,020	0,306
CHR3	11441385	CHR3:11441385	SSF x Far_LoA	-7,55193031	-0,121	0,311
CHR3	1144825	CHR3:1144825	SSF x Far_LoA	-9,97112135	0,063	0,312
CHR3	11455881	CHR3:11455881	SSF x Far_LoA	-11,380369	-0,067	0,315
CHR3	11465030	CHR3:11465030	SSF x Far_LoA	-10,6999425	-0,026	0,318
CHR3	114897	CHR3:114897	SSF x Far_LoA	-11,1018195	0,034	0,295
CHR3	114933	CHR3:114933	SSF x Far_LoA	-6,908917	0,071	0,314
CHR3	11496631	CHR3:11496631	SSF x Far_LoA	-9,62755262	-0,056	0,306
CHR3	11523784	CHR3:11523784	SSF x Far_LoA	-9,92815953	-0,059	0,311
CHR3	11525677	CHR3:11525677	SSF x Far_LoA	-12,0891353	-0,002	0,303
CHR3	11530261	CHR3:11530261	SSF x Far_LoA	-9,47567703	0,078	0,315
CHR3	11530270	CHR3:11530270	SSF x Far_LoA	-9,37873338	0,008	0,297
CHR3	11534358	CHR3:11534358	SSF x Far_LoA	-9,10810815	-0,023	0,301
CHR3	1154123	CHR3:1154123	SSF x Far_LoA	-11,2120333	0,015	0,313
CHR3	1154143	CHR3:1154143	SSF x Far_LoA	-12,0017647	0,004	0,309
CHR3	11542212	CHR3:11542212	SSF x Far_LoA	-6,47793851	0,202	0,291
CHR3	11542414	CHR3:11542414	SSF x Far_LoA	-7,08110272	-0,042	0,296
CHR3	11544036	CHR3:11544036	SSF x Far_LoA	-10,5293687	0,089	0,288
CHR3	11544051	CHR3:11544051	SSF x Far_LoA	-9,15213048	-0,037	0,309
CHR3	11544090	CHR3:11544090	SSF x Far_LoA	-7,20145696	-0,126	0,321
CHR3	11544117	CHR3:11544117	SSF x Far_LoA	-10,4661278	-0,086	0,297
CHR3	11544183	CHR3:11544183	SSF x Far_LoA	-10,5357041	0,095	0,310
CHR3	11544209	CHR3:11544209	SSF x Far_LoA	-9,15935404	-0,055	0,301
CHR3	11546199	CHR3:11546199	SSF x Far_LoA	-10,0809918	0,107	0,295
CHR3	11546281	CHR3:11546281	SSF x Far_LoA	-8,13120999	-0,020	0,318
CHR3	11546311	CHR3:11546311	SSF x Far_LoA	-8,15880952	0,028	0,295
CHR3	11546329	CHR3:11546329	SSF x Far_LoA	-9,92929618	-0,099	0,300
CHR3	11549831	CHR3:11549831	SSF x Far_LoA	-3,49858986	0,080	0,303
CHR3	11553897	CHR3:11553897	SSF x Far_LoA	-11,4416862	-0,091	0,311
CHR3	11553900	CHR3:11553900	SSF x Far_LoA	-9,21221994	0,004	0,308
CHR3	11554519	CHR3:11554519	SSF x Far_LoA	-9,324846	0,014	0,310
CHR3	11555221	CHR3:11555221	SSF x Far_LoA	-8,52411401	-0,108	0,306
CHR3	11555258	CHR3:11555258	SSF x Far_LoA	-9,83846845	-0,057	0,312
CHR3	11555272	CHR3:11555272	SSF x Far_LoA	-9,39506268	-0,069	0,316
CHR3	11562699	CHR3:11562699	SSF x Far_LoA	-8,14925467	0,053	0,318
CHR3	11562745	CHR3:11562745	SSF x Far_LoA	-8,50810418	-0,054	0,307
CHR3	11562798	CHR3:11562798	SSF x Far_LoA	-9,55743796	-0,116	0,305
CHR3	11562812	CHR3:11562812	SSF x Far_LoA	-10,8546121	0,016	0,295
CHR3	11562814	CHR3:11562814	SSF x Far_LoA	-10,3020306	-0,035	0,310
CHR3	11571225	CHR3:11571225	SSF x Far_LoA	-9,54006269	0,016	0,297
CHR3	11571358	CHR3:11571358	SSF x Far_LoA	-7,9226437	0,100	0,313
CHR3	11571400	CHR3:11571400	SSF x Far_LoA	-10,4686342	0,068	0,313
CHR3	11583284	CHR3:11583284	SSF x Far_LoA	-4,80380342	-0,032	0,297

CHR3	11583325	CHR3:11583325	SSF x Far_LoA	-10,8861212	0,032	0,313
CHR3	11583338	CHR3:11583338	SSF x Far_LoA	-9,25733564	-0,048	0,314
CHR3	11583355	CHR3:11583355	SSF x Far_LoA	-12,0189888	0,038	0,312
CHR3	11583366	CHR3:11583366	SSF x Far_LoA	-10,6360703	0,025	0,312
CHR3	11583393	CHR3:11583393	SSF x Far_LoA	-10,3077085	-0,095	0,296
CHR3	11583401	CHR3:11583401	SSF x Far_LoA	-11,3707163	0,017	0,302
CHR3	11583444	CHR3:11583444	SSF x Far_LoA	-11,0948644	0,007	0,299
CHR3	11583445	CHR3:11583445	SSF x Far_LoA	-11,2793664	0,033	0,308
CHR3	11583451	CHR3:11583451	SSF x Far_LoA	-9,07655432	-0,040	0,314
CHR3	11584257	CHR3:11584257	SSF x Far_LoA	-10,1360868	-0,040	0,298
CHR3	11584262	CHR3:11584262	SSF x Far_LoA	-7,17887587	-0,066	0,319
CHR3	11589808	CHR3:11589808	SSF x Far_LoA	-10,4851116	0,038	0,321
CHR3	11589836	CHR3:11589836	SSF x Far_LoA	-10,4455659	0,023	0,319
CHR3	11589903	CHR3:11589903	SSF x Far_LoA	-11,1520404	-0,056	0,301
CHR3	11593492	CHR3:11593492	SSF x Far_LoA	-10,5395367	0,028	0,308
CHR3	11593497	CHR3:11593497	SSF x Far_LoA	-11,6271376	0,029	0,319
CHR3	11593567	CHR3:11593567	SSF x Far_LoA	-7,15201859	0,150	0,301
CHR3	11596586	CHR3:11596586	SSF x Far_LoA	-6,73984659	-0,075	0,310
CHR3	11599341	CHR3:11599341	SSF x Far_LoA	-11,5583883	0,060	0,315
CHR3	11599425	CHR3:11599425	SSF x Far_LoA	-9,2986034	0,030	0,310
CHR3	11599468	CHR3:11599468	SSF x Far_LoA	-8,80277423	-0,031	0,312
CHR3	11607880	CHR3:11607880	SSF x Far_LoA	-8,89211843	0,050	0,301
CHR3	11608092	CHR3:11608092	SSF x Far_LoA	-8,60923566	-0,075	0,301
CHR3	11608147	CHR3:11608147	SSF x Far_LoA	-8,20166672	-0,093	0,307
CHR3	11608148	CHR3:11608148	SSF x Far_LoA	2,13252296	-0,083	0,307
CHR3	11618917	CHR3:11618917	SSF x Far_LoA	-1,31322319	-0,033	0,303
CHR3	11619103	CHR3:11619103	SSF x Far_LoA	-7,7623047	-0,055	0,300
CHR3	11631174	CHR3:11631174	SSF x Far_LoA	-7,10498988	-0,044	0,324
CHR3	11631178	CHR3:11631178	SSF x Far_LoA	-9,81449711	0,027	0,317
CHR3	11631181	CHR3:11631181	SSF x Far_LoA	-10,2084087	-0,020	0,309
CHR3	11631195	CHR3:11631195	SSF x Far_LoA	-10,0598019	-0,039	0,313
CHR3	11631203	CHR3:11631203	SSF x Far_LoA	-7,62200163	-0,085	0,308
CHR3	11631207	CHR3:11631207	SSF x Far_LoA	-9,33849025	-0,012	0,294
CHR3	11641458	CHR3:11641458	SSF x Far_LoA	-9,15266431	0,031	0,314
CHR3	11641733	CHR3:11641733	SSF x Far_LoA	-8,5488248	-0,010	0,299
CHR3	11641750	CHR3:11641750	SSF x Far_LoA	-7,58117803	-0,054	0,316
CHR3	11655550	CHR3:11655550	SSF x Far_LoA	-9,54101892	0,044	0,294
CHR3	11655658	CHR3:11655658	SSF x Far_LoA	-4,5043352	0,090	0,306
CHR3	11655735	CHR3:11655735	SSF x Far_LoA	-7,26545506	0,036	0,319
CHR3	11655736	CHR3:11655736	SSF x Far_LoA	-11,2915041	-0,035	0,300
CHR3	11659121	CHR3:11659121	SSF x Far_LoA	-8,33148467	-0,048	0,298
CHR3	11659238	CHR3:11659238	SSF x Far_LoA	-7,29581374	0,058	0,299
CHR3	11661734	CHR3:11661734	SSF x Far_LoA	-9,5631079	-0,010	0,311
CHR3	11661748	CHR3:11661748	SSF x Far_LoA	-5,80847218	0,188	0,283
CHR3	11661772	CHR3:11661772	SSF x Far_LoA	-8,0310253	0,183	0,300
CHR3	11661773	CHR3:11661773	SSF x Far_LoA	-7,58473683	0,199	0,297
CHR3	11661842	CHR3:11661842	SSF x Far_LoA	-4,95518305	-0,070	0,314
CHR3	11661846	CHR3:11661846	SSF x Far_LoA	-9,42379682	0,014	0,308
CHR3	11664604	CHR3:11664604	SSF x Far_LoA	-11,2043053	-0,089	0,301
CHR3	11664617	CHR3:11664617	SSF x Far_LoA	-9,20467392	-0,061	0,304
CHR3	11664624	CHR3:11664624	SSF x Far_LoA	3,2819944	-0,070	0,311
CHR3	11664625	CHR3:11664625	SSF x Far_LoA	-7,97804071	0,196	0,287
CHR3	11664722	CHR3:11664722	SSF x Far_LoA	-8,59153066	0,148	0,285

CHR3	11664730	CHR3:11664730	SSF x Far_LoA	-7,16221354	0,152	0,290
CHR3	11664744	CHR3:11664744	SSF x Far_LoA	-9,93533346	-0,083	0,297
CHR3	11664758	CHR3:11664758	SSF x Far_LoA	-8,34679716	0,026	0,309
CHR3	11664778	CHR3:11664778	SSF x Far_LoA	-8,64143092	0,036	0,305
CHR3	11664878	CHR3:11664878	SSF x Far_LoA	-11,1429143	-0,039	0,304
CHR3	11668139	CHR3:11668139	SSF x Far_LoA	-8,69138542	0,121	0,302
CHR3	11668153	CHR3:11668153	SSF x Far_LoA	-9,13968326	-0,105	0,320
CHR3	11668263	CHR3:11668263	SSF x Far_LoA	-6,56016681	-0,076	0,291
CHR3	11672009	CHR3:11672009	SSF x Far_LoA	-8,0595229	0,169	0,303
CHR3	11676230	CHR3:11676230	SSF x Far_LoA	-8,52166527	0,101	0,304
CHR3	11676399	CHR3:11676399	SSF x Far_LoA	-9,48741851	-0,096	0,305
CHR3	11679966	CHR3:11679966	SSF x Far_LoA	-8,84001323	0,050	0,313
CHR3	11679972	CHR3:11679972	SSF x Far_LoA	-10,6984792	0,048	0,320
CHR3	11680027	CHR3:11680027	SSF x Far_LoA	-10,5990932	-0,112	0,293
CHR3	11680078	CHR3:11680078	SSF x Far_LoA	-9,13967962	-0,041	0,309
CHR3	11680124	CHR3:11680124	SSF x Far_LoA	-10,5135067	0,027	0,297
CHR3	11680129	CHR3:11680129	SSF x Far_LoA	-11,6545974	-0,038	0,289
CHR3	11682179	CHR3:11682179	SSF x Far_LoA	-10,5009333	-0,088	0,300
CHR3	11692648	CHR3:11692648	SSF x Far_LoA	-8,29992625	0,053	0,320
CHR3	11692768	CHR3:11692768	SSF x Far_LoA	-10,7840722	-0,117	0,298
CHR3	11693813	CHR3:11693813	SSF x Far_LoA	-9,39133849	-0,154	0,292
CHR3	11693836	CHR3:11693836	SSF x Far_LoA	-11,2457958	-0,034	0,309
CHR3	11693846	CHR3:11693846	SSF x Far_LoA	-9,00548051	-0,093	0,303
CHR3	11693884	CHR3:11693884	SSF x Far_LoA	-8,65602944	0,041	0,307
CHR3	11699079	CHR3:11699079	SSF x Far_LoA	-8,60331798	0,027	0,312
CHR3	11699275	CHR3:11699275	SSF x Far_LoA	-11,5651159	0,072	0,294
CHR3	11699375	CHR3:11699375	SSF x Far_LoA	-4,53518053	0,191	0,278
CHR3	11699434	CHR3:11699434	SSF x Far_LoA	-9,45743237	-0,107	0,304
CHR3	11707079	CHR3:11707079	SSF x Far_LoA	-9,52232921	0,073	0,302
CHR3	11707918	CHR3:11707918	SSF x Far_LoA	-7,61197705	-0,149	0,309
CHR3	11708037	CHR3:11708037	SSF x Far_LoA	-8,55222902	-0,166	0,299
CHR3	11708243	CHR3:11708243	SSF x Far_LoA	-8,38768823	0,036	0,295
CHR3	11722672	CHR3:11722672	SSF x Far_LoA	-11,3307412	-0,123	0,307
CHR3	11734892	CHR3:11734892	SSF x Far_LoA	-10,9039318	-0,048	0,315
CHR3	11734963	CHR3:11734963	SSF x Far_LoA	-8,79545325	0,048	0,303
CHR3	11734973	CHR3:11734973	SSF x Far_LoA	-11,5420611	0,062	0,294
CHR3	11734974	CHR3:11734974	SSF x Far_LoA	-10,501457	0,068	0,290
CHR3	11735053	CHR3:11735053	SSF x Far_LoA	-9,41735875	-0,112	0,304
CHR3	11735059	CHR3:11735059	SSF x Far_LoA	-1,44719053	0,047	0,311
CHR3	11738064	CHR3:11738064	SSF x Far_LoA	-4,80870573	0,123	0,317
CHR3	11738136	CHR3:11738136	SSF x Far_LoA	-10,8019543	0,024	0,316
CHR3	11752326	CHR3:11752326	SSF x Far_LoA	-9,90706643	-0,086	0,307
CHR3	11752328	CHR3:11752328	SSF x Far_LoA	-8,45291247	-0,092	0,309
CHR3	11752329	CHR3:11752329	SSF x Far_LoA	-9,31899866	-0,096	0,306
CHR3	11752416	CHR3:11752416	SSF x Far_LoA	-7,1892518	-0,050	0,307
CHR3	11752436	CHR3:11752436	SSF x Far_LoA	-9,26686189	-0,022	0,320
CHR3	11765482	CHR3:11765482	SSF x Far_LoA	-10,7109702	-0,008	0,301
CHR3	11770243	CHR3:11770243	SSF x Far_LoA	-9,16468284	0,061	0,307
CHR3	11770257	CHR3:11770257	SSF x Far_LoA	-9,83312704	0,047	0,309
CHR3	11779936	CHR3:11779936	SSF x Far_LoA	-2,31348508	0,175	0,289
CHR3	11780109	CHR3:11780109	SSF x Far_LoA	-8,94625571	-0,116	0,320
CHR3	11786247	CHR3:11786247	SSF x Far_LoA	-5,18927983	0,131	0,308
CHR3	11786250	CHR3:11786250	SSF x Far_LoA	-8,06938756	0,139	0,304

CHR3	11786413	CHR3:11786413	SSF x Far_LoA	-9,24754798	-0,102	0,307
CHR3	11788346	CHR3:11788346	SSF x Far_LoA	-8,36015253	-0,027	0,303
CHR3	11788362	CHR3:11788362	SSF x Far_LoA	-5,51106538	-0,011	0,307
CHR3	11788418	CHR3:11788418	SSF x Far_LoA	-7,45661624	-0,016	0,317
CHR3	11790404	CHR3:11790404	SSF x Far_LoA	-8,936392	0,118	0,304
CHR3	11792098	CHR3:11792098	SSF x Far_LoA	-7,10474869	0,038	0,311
CHR3	11792211	CHR3:11792211	SSF x Far_LoA	-11,7121781	0,034	0,301
CHR3	11796419	CHR3:11796419	SSF x Far_LoA	-8,69246447	0,039	0,307
CHR3	11800739	CHR3:11800739	SSF x Far_LoA	-10,8064021	0,011	0,313
CHR3	11812192	CHR3:11812192	SSF x Far_LoA	-8,83495807	0,018	0,299
CHR3	11812236	CHR3:11812236	SSF x Far_LoA	-10,368966	-0,006	0,308
CHR3	11812251	CHR3:11812251	SSF x Far_LoA	-11,0651767	0,000	0,300
CHR3	11812279	CHR3:11812279	SSF x Far_LoA	-7,27648086	0,081	0,301
CHR3	11822735	CHR3:11822735	SSF x Far_LoA	-8,23846496	-0,077	0,311
CHR3	11822944	CHR3:11822944	SSF x Far_LoA	-10,74888	0,020	0,300
CHR3	11822954	CHR3:11822954	SSF x Far_LoA	-7,68870897	0,140	0,307
CHR3	11822971	CHR3:11822971	SSF x Far_LoA	-6,95869682	-0,026	0,309
CHR3	11823004	CHR3:11823004	SSF x Far_LoA	-1,78253635	0,039	0,287
CHR3	11826936	CHR3:11826936	SSF x Far_LoA	-6,75743348	-0,050	0,296
CHR3	11826938	CHR3:11826938	SSF x Far_LoA	-7,61215788	0,067	0,303
CHR3	11826956	CHR3:11826956	SSF x Far_LoA	-8,47662171	0,025	0,307
CHR3	11827990	CHR3:11827990	SSF x Far_LoA	-8,01820506	-0,070	0,313
CHR3	11828022	CHR3:11828022	SSF x Far_LoA	-10,308157	0,102	0,302
CHR3	11828023	CHR3:11828023	SSF x Far_LoA	-11,3925277	0,095	0,302
CHR3	11828024	CHR3:11828024	SSF x Far_LoA	-10,9549563	0,086	0,306
CHR3	11832594	CHR3:11832594	SSF x Far_LoA	-10,4729823	-0,019	0,298
CHR3	11832607	CHR3:11832607	SSF x Far_LoA	-9,10978894	-0,021	0,302
CHR3	11832776	CHR3:11832776	SSF x Far_LoA	-10,4231178	-0,025	0,292
CHR3	11832827	CHR3:11832827	SSF x Far_LoA	-10,2757803	0,031	0,304
CHR3	11832838	CHR3:11832838	SSF x Far_LoA	-11,7512323	-0,048	0,305
CHR3	11832848	CHR3:11832848	SSF x Far_LoA	14,6550957	-0,094	0,306
CHR3	118465	CHR3:118465	SSF x Far_LoA	-10,2457308	-0,120	0,317
CHR3	11847622	CHR3:11847622	SSF x Far_LoA	-8,10192542	-0,121	0,294
CHR3	11847632	CHR3:11847632	SSF x Far_LoA	-9,07548364	0,075	0,300
CHR3	11850801	CHR3:11850801	SSF x Far_LoA	-9,45777433	0,008	0,301
CHR3	11850813	CHR3:11850813	SSF x Far_LoA	-8,1071938	-0,114	0,299
CHR3	11850864	CHR3:11850864	SSF x Far_LoA	-7,98447339	0,026	0,324
CHR3	11850951	CHR3:11850951	SSF x Far_LoA	-10,594678	-0,011	0,298
CHR3	11851041	CHR3:11851041	SSF x Far_LoA	-10,7123567	-0,088	0,310
CHR3	11851108	CHR3:11851108	SSF x Far_LoA	-9,29495718	0,017	0,316
CHR3	11859714	CHR3:11859714	SSF x Far_LoA	-12,0524433	-0,097	0,283
CHR3	11859862	CHR3:11859862	SSF x Far_LoA	-4,31069212	-0,124	0,293
CHR3	11869612	CHR3:11869612	SSF x Far_LoA	-10,1469433	0,002	0,302
CHR3	11869721	CHR3:11869721	SSF x Far_LoA	-9,92120427	-0,075	0,303
CHR3	11869727	CHR3:11869727	SSF x Far_LoA	-10,2855674	-0,047	0,305
CHR3	11869859	CHR3:11869859	SSF x Far_LoA	-10,1755524	-0,053	0,297
CHR3	11869864	CHR3:11869864	SSF x Far_LoA	-9,41606309	-0,051	0,299
CHR3	11872014	CHR3:11872014	SSF x Far_LoA	-9,36155851	0,155	0,304
CHR3	11878110	CHR3:11878110	SSF x Far_LoA	-4,05942035	0,035	0,300
CHR3	11878232	CHR3:11878232	SSF x Far_LoA	-8,28859287	-0,030	0,305
CHR3	11884983	CHR3:11884983	SSF x Far_LoA	-12,4517035	0,083	0,300
CHR3	11884993	CHR3:11884993	SSF x Far_LoA	-11,0660691	0,051	0,300
CHR3	11885037	CHR3:11885037	SSF x Far_LoA	-3,46119557	0,202	0,299

CHR3	11885122	CHR3:11885122	SSF x Far_LoA	-8,53228029	0,054	0,318
CHR3	11885180	CHR3:11885180	SSF x Far_LoA	-6,60101436	-0,140	0,300
CHR3	11892673	CHR3:11892673	SSF x Far_LoA	-9,05738409	-0,071	0,316
CHR3	11892674	CHR3:11892674	SSF x Far_LoA	-9,9999838	-0,004	0,313
CHR3	11892782	CHR3:11892782	SSF x Far_LoA	-8,52115464	-0,072	0,322
CHR3	11898952	CHR3:11898952	SSF x Far_LoA	-9,4509125	-0,090	0,297
CHR3	11899040	CHR3:11899040	SSF x Far_LoA	-12,1317937	0,036	0,317
CHR3	11899085	CHR3:11899085	SSF x Far_LoA	-11,5112544	0,034	0,315
CHR3	11904354	CHR3:11904354	SSF x Far_LoA	-10,7716709	0,057	0,291
CHR3	11906691	CHR3:11906691	SSF x Far_LoA	-10,8474035	0,131	0,293
CHR3	11907966	CHR3:11907966	SSF x Far_LoA	-9,20701633	-0,100	0,309
CHR3	11908083	CHR3:11908083	SSF x Far_LoA	-6,77041266	-0,092	0,309
CHR3	11908138	CHR3:11908138	SSF x Far_LoA	-7,97180815	-0,043	0,309
CHR3	11910644	CHR3:11910644	SSF x Far_LoA	-10,5056002	0,023	0,303
CHR3	11911011	CHR3:11911011	SSF x Far_LoA	-8,16895399	0,145	0,300
CHR3	11913863	CHR3:11913863	SSF x Far_LoA	-11,3559211	0,025	0,299
CHR3	11916541	CHR3:11916541	SSF x Far_LoA	-8,12998011	-0,109	0,314
CHR3	11916712	CHR3:11916712	SSF x Far_LoA	3,69093399	-0,147	0,299
CHR3	11916728	CHR3:11916728	SSF x Far_LoA	-6,09002942	-0,161	0,300
CHR3	11918964	CHR3:11918964	SSF x Far_LoA	-6,79480319	-0,005	0,308
CHR3	11918977	CHR3:11918977	SSF x Far_LoA	-8,72423325	-0,041	0,302
CHR3	11919003	CHR3:11919003	SSF x Far_LoA	-5,74859355	-0,022	0,309
CHR3	11919179	CHR3:11919179	SSF x Far_LoA	-9,24798021	0,057	0,294
CHR3	11919247	CHR3:11919247	SSF x Far_LoA	-8,70721296	-0,064	0,302
CHR3	11927449	CHR3:11927449	SSF x Far_LoA	-9,72540687	0,010	0,301
CHR3	11927467	CHR3:11927467	SSF x Far_LoA	-9,67022332	-0,011	0,306
CHR3	11927505	CHR3:11927505	SSF x Far_LoA	-9,48729035	-0,019	0,305
CHR3	11930860	CHR3:11930860	SSF x Far_LoA	2,54347965	0,177	0,282
CHR3	11931458	CHR3:11931458	SSF x Far_LoA	-7,48147313	0,066	0,314
CHR3	11931463	CHR3:11931463	SSF x Far_LoA	-8,86806554	-0,077	0,300
CHR3	11939747	CHR3:11939747	SSF x Far_LoA	-8,15811368	-0,121	0,292
CHR3	11939931	CHR3:11939931	SSF x Far_LoA	-8,8531653	0,088	0,308
CHR3	11939940	CHR3:11939940	SSF x Far_LoA	-9,14896953	0,041	0,299
CHR3	11939991	CHR3:11939991	SSF x Far_LoA	-10,0610423	-0,121	0,313
CHR3	11940006	CHR3:11940006	SSF x Far_LoA	-8,46586752	0,008	0,328
CHR3	11953601	CHR3:11953601	SSF x Far_LoA	-8,62094198	-0,101	0,303
CHR3	11953674	CHR3:11953674	SSF x Far_LoA	-8,04881973	0,050	0,290
CHR3	11954044	CHR3:11954044	SSF x Far_LoA	-10,2469543	0,112	0,302
CHR3	11954062	CHR3:11954062	SSF x Far_LoA	-11,3515721	0,000	0,290
CHR3	11954092	CHR3:11954092	SSF x Far_LoA	-1,19637809	0,168	0,283
CHR3	11954151	CHR3:11954151	SSF x Far_LoA	-3,36167123	0,273	0,283
CHR3	11954168	CHR3:11954168	SSF x Far_LoA	-8,66683463	0,130	0,301
CHR3	11954191	CHR3:11954191	SSF x Far_LoA	-8,89348154	0,040	0,310
CHR3	11960371	CHR3:11960371	SSF x Far_LoA	-9,03752571	0,107	0,296
CHR3	11960423	CHR3:11960423	SSF x Far_LoA	-9,28904155	0,033	0,304
CHR3	11960431	CHR3:11960431	SSF x Far_LoA	-11,6038198	0,018	0,303
CHR3	11960502	CHR3:11960502	SSF x Far_LoA	-5,14740993	-0,026	0,304
CHR3	11960507	CHR3:11960507	SSF x Far_LoA	-9,40361169	0,020	0,316
CHR3	11962726	CHR3:11962726	SSF x Far_LoA	-10,7794936	0,008	0,317
CHR3	11962766	CHR3:11962766	SSF x Far_LoA	-10,4613918	-0,002	0,312
CHR3	11962769	CHR3:11962769	SSF x Far_LoA	-7,13318846	-0,036	0,309
CHR3	11962801	CHR3:11962801	SSF x Far_LoA	-6,49557453	0,075	0,304
CHR3	11962825	CHR3:11962825	SSF x Far_LoA	-10,9769848	-0,121	0,297

CHR3	11962867	CHR3:11962867	SSF x Far_LoA	-9,67209201	0,047	0,311
CHR3	11962876	CHR3:11962876	SSF x Far_LoA	-9,98785196	-0,068	0,313
CHR3	11962887	CHR3:11962887	SSF x Far_LoA	-6,12545048	-0,138	0,297
CHR3	11974736	CHR3:11974736	SSF x Far_LoA	-10,0577993	-0,001	0,301
CHR3	11974850	CHR3:11974850	SSF x Far_LoA	-7,55496905	0,050	0,316
CHR3	11982144	CHR3:11982144	SSF x Far_LoA	-6,19401328	0,089	0,302
CHR3	11982360	CHR3:11982360	SSF x Far_LoA	-11,0003961	-0,067	0,318
CHR3	11982370	CHR3:11982370	SSF x Far_LoA	-11,0781593	-0,043	0,294
CHR3	11987677	CHR3:11987677	SSF x Far_LoA	-7,14767864	-0,086	0,305
CHR3	11987704	CHR3:11987704	SSF x Far_LoA	-9,98961691	-0,059	0,302
CHR3	11987737	CHR3:11987737	SSF x Far_LoA	0,45192872	-0,011	0,310
CHR3	11987738	CHR3:11987738	SSF x Far_LoA	-8,83169711	-0,030	0,300
CHR3	11988663	CHR3:11988663	SSF x Far_LoA	-5,90497252	-0,162	0,299
CHR3	11988677	CHR3:11988677	SSF x Far_LoA	-10,3600653	0,041	0,313
CHR3	11988697	CHR3:11988697	SSF x Far_LoA	-10,7674738	-0,006	0,305
CHR3	11988710	CHR3:11988710	SSF x Far_LoA	-7,56737133	0,120	0,310
CHR3	11993804	CHR3:11993804	SSF x Far_LoA	0,4748119	-0,143	0,307
CHR3	11993849	CHR3:11993849	SSF x Far_LoA	-8,18828754	0,099	0,315
CHR3	12004046	CHR3:12004046	SSF x Far_LoA	-10,0708637	-0,104	0,299
CHR3	12004098	CHR3:12004098	SSF x Far_LoA	-9,87093765	-0,042	0,285
CHR3	12004142	CHR3:12004142	SSF x Far_LoA	-9,48172316	-0,035	0,283
CHR3	12010254	CHR3:12010254	SSF x Far_LoA	-7,38961237	-0,082	0,306
CHR3	12012380	CHR3:12012380	SSF x Far_LoA	-9,41164005	-0,111	0,303
CHR3	12019461	CHR3:12019461	SSF x Far_LoA	-9,24894246	0,091	0,323
CHR3	12019595	CHR3:12019595	SSF x Far_LoA	-10,6676955	0,057	0,313
CHR3	12019598	CHR3:12019598	SSF x Far_LoA	-9,47283118	-0,064	0,318
CHR3	12019605	CHR3:12019605	SSF x Far_LoA	-10,0958359	-0,021	0,302
CHR3	12019614	CHR3:12019614	SSF x Far_LoA	-8,01213533	0,062	0,304
CHR3	12019619	CHR3:12019619	SSF x Far_LoA	-10,0919308	0,053	0,318
CHR3	12019622	CHR3:12019622	SSF x Far_LoA	-10,2998056	-0,075	0,312
CHR3	12019643	CHR3:12019643	SSF x Far_LoA	-9,18467584	0,080	0,310
CHR3	12029906	CHR3:12029906	SSF x Far_LoA	-7,90076808	-0,179	0,306
CHR3	12033266	CHR3:12033266	SSF x Far_LoA	-12,4096149	-0,055	0,288
CHR3	12033321	CHR3:12033321	SSF x Far_LoA	-7,76915087	-0,100	0,281
CHR3	12033442	CHR3:12033442	SSF x Far_LoA	-8,35153929	-0,133	0,298
CHR3	12033483	CHR3:12033483	SSF x Far_LoA	-10,0151722	-0,045	0,308
CHR3	12041689	CHR3:12041689	SSF x Far_LoA	-11,4064373	-0,009	0,313
CHR3	12046072	CHR3:12046072	SSF x Far_LoA	-7,9353247	-0,047	0,300
CHR3	12046177	CHR3:12046177	SSF x Far_LoA	-10,9503072	-0,010	0,304
CHR3	12062005	CHR3:12062005	SSF x Far_LoA	-12,4407428	-0,026	0,312
CHR3	12065673	CHR3:12065673	SSF x Far_LoA	-3,55833155	0,011	0,303
CHR3	12066885	CHR3:12066885	SSF x Far_LoA	-10,2081668	-0,044	0,304
CHR3	12066920	CHR3:12066920	SSF x Far_LoA	-8,99801869	-0,071	0,302
CHR3	12068681	CHR3:12068681	SSF x Far_LoA	-10,5249165	0,035	0,307
CHR3	12068831	CHR3:12068831	SSF x Far_LoA	-8,69547671	-0,054	0,309
CHR3	12068927	CHR3:12068927	SSF x Far_LoA	-9,25600174	0,087	0,292
CHR3	12072761	CHR3:12072761	SSF x Far_LoA	-9,1830735	0,002	0,312
CHR3	12072771	CHR3:12072771	SSF x Far_LoA	-7,98296189	-0,043	0,309
CHR3	12072801	CHR3:12072801	SSF x Far_LoA	-8,42042547	0,027	0,305
CHR3	12072824	CHR3:12072824	SSF x Far_LoA	-8,88838981	-0,034	0,310
CHR3	12074027	CHR3:12074027	SSF x Far_LoA	-10,2232946	0,084	0,311
CHR3	12086061	CHR3:12086061	SSF x Far_LoA	-8,1395952	-0,097	0,305
CHR3	12086069	CHR3:12086069	SSF x Far_LoA	-9,36230165	0,068	0,306

CHR3	12086082	CHR3:12086082	SSF x Far_LoA	-9,41287899	-0,050	0,311
CHR3	12086097	CHR3:12086097	SSF x Far_LoA	-7,11118787	0,060	0,315
CHR3	12086098	CHR3:12086098	SSF x Far_LoA	-9,3975562	0,045	0,320
CHR3	12086100	CHR3:12086100	SSF x Far_LoA	-9,13785256	0,069	0,309
CHR3	12086104	CHR3:12086104	SSF x Far_LoA	-9,20186407	-0,005	0,310
CHR3	12086328	CHR3:12086328	SSF x Far_LoA	-11,8605169	0,003	0,298
CHR3	12086372	CHR3:12086372	SSF x Far_LoA	-9,5416582	0,026	0,304
CHR3	1209103	CHR3:1209103	SSF x Far_LoA	-9,02447006	0,076	0,301
CHR3	1209111	CHR3:1209111	SSF x Far_LoA	-9,98490057	-0,033	0,306
CHR3	1209112	CHR3:1209112	SSF x Far_LoA	-10,3145866	-0,014	0,312
CHR3	1209164	CHR3:1209164	SSF x Far_LoA	-9,50363812	0,070	0,311
CHR3	12095212	CHR3:12095212	SSF x Far_LoA	-5,23555103	-0,008	0,307
CHR3	12095303	CHR3:12095303	SSF x Far_LoA	-5,32312928	0,071	0,311
CHR3	12095323	CHR3:12095323	SSF x Far_LoA	-9,09380023	0,008	0,314
CHR3	12095336	CHR3:12095336	SSF x Far_LoA	-12,7554575	0,048	0,302
CHR3	12095351	CHR3:12095351	SSF x Far_LoA	-10,5413078	-0,039	0,302
CHR3	12095379	CHR3:12095379	SSF x Far_LoA	-9,03685886	0,033	0,302
CHR3	12095391	CHR3:12095391	SSF x Far_LoA	-9,7559623	-0,077	0,321
CHR3	12099618	CHR3:12099618	SSF x Far_LoA	-8,58424367	0,037	0,299
CHR3	12100804	CHR3:12100804	SSF x Far_LoA	-9,96375248	-0,077	0,312
CHR3	12100819	CHR3:12100819	SSF x Far_LoA	-9,82122759	0,057	0,323
CHR3	12100842	CHR3:12100842	SSF x Far_LoA	-8,34922998	-0,039	0,293
CHR3	12100863	CHR3:12100863	SSF x Far_LoA	-9,63420406	-0,003	0,310
CHR3	12100909	CHR3:12100909	SSF x Far_LoA	-11,2040458	-0,012	0,312
CHR3	12100918	CHR3:12100918	SSF x Far_LoA	-7,80436085	-0,192	0,302
CHR3	12100938	CHR3:12100938	SSF x Far_LoA	-8,38478592	0,004	0,322
CHR3	12103797	CHR3:12103797	SSF x Far_LoA	-9,21085466	0,004	0,305
CHR3	12103811	CHR3:12103811	SSF x Far_LoA	-11,1033309	-0,001	0,301
CHR3	12103891	CHR3:12103891	SSF x Far_LoA	-8,56812402	0,066	0,308
CHR3	12103896	CHR3:12103896	SSF x Far_LoA	-10,0182336	0,005	0,303
CHR3	12103900	CHR3:12103900	SSF x Far_LoA	-4,04925547	-0,205	0,289
CHR3	12103904	CHR3:12103904	SSF x Far_LoA	-1,37326254	0,029	0,299
CHR3	12105739	CHR3:12105739	SSF x Far_LoA	-9,89222144	0,007	0,312
CHR3	12105740	CHR3:12105740	SSF x Far_LoA	-12,0143989	-0,005	0,297
CHR3	12105786	CHR3:12105786	SSF x Far_LoA	-6,85261407	-0,047	0,292
CHR3	12105814	CHR3:12105814	SSF x Far_LoA	1,84615302	0,103	0,298
CHR3	12118782	CHR3:12118782	SSF x Far_LoA	-6,95900086	0,045	0,308
CHR3	12118842	CHR3:12118842	SSF x Far_LoA	-7,67653432	0,088	0,300
CHR3	12122424	CHR3:12122424	SSF x Far_LoA	-9,92623546	-0,090	0,307
CHR3	12122462	CHR3:12122462	SSF x Far_LoA	-9,06199023	0,101	0,313
CHR3	12122474	CHR3:12122474	SSF x Far_LoA	-8,3099043	-0,036	0,311
CHR3	12122566	CHR3:12122566	SSF x Far_LoA	-5,25856815	-0,043	0,302
CHR3	12122592	CHR3:12122592	SSF x Far_LoA	-9,72524653	-0,069	0,310
CHR3	12122665	CHR3:12122665	SSF x Far_LoA	-10,4400391	-0,047	0,323
CHR3	12122667	CHR3:12122667	SSF x Far_LoA	-10,407315	0,001	0,315
CHR3	12129284	CHR3:12129284	SSF x Far_LoA	-8,62996399	-0,131	0,311
CHR3	1213429	CHR3:1213429	SSF x Far_LoA	-11,3238035	0,035	0,310
CHR3	1213434	CHR3:1213434	SSF x Far_LoA	-10,0306305	0,049	0,299
CHR3	1213454	CHR3:1213454	SSF x Far_LoA	-8,34976245	-0,028	0,303
CHR3	12134569	CHR3:12134569	SSF x Far_LoA	-10,6573023	0,153	0,291
CHR3	12134777	CHR3:12134777	SSF x Far_LoA	-9,60166325	-0,029	0,286
CHR3	12134874	CHR3:12134874	SSF x Far_LoA	-9,511466	0,029	0,313
CHR3	12134897	CHR3:12134897	SSF x Far_LoA	-9,61777076	-0,054	0,295

CHR3	1213501	CHR3:1213501	SSF x Far_LoA	-10,8512533	-0,020	0,295
CHR3	1213505	CHR3:1213505	SSF x Far_LoA	-8,31324993	0,028	0,310
CHR3	12146604	CHR3:12146604	SSF x Far_LoA	-11,6607588	-0,032	0,296
CHR3	12146625	CHR3:12146625	SSF x Far_LoA	-8,99301338	0,010	0,309
CHR3	12161051	CHR3:12161051	SSF x Far_LoA	-7,85159304	0,172	0,288
CHR3	12164682	CHR3:12164682	SSF x Far_LoA	-8,40781106	0,000	0,307
CHR3	12171458	CHR3:12171458	SSF x Far_LoA	-11,1460265	-0,031	0,316
CHR3	12171475	CHR3:12171475	SSF x Far_LoA	-11,6159993	-0,010	0,308
CHR3	12171610	CHR3:12171610	SSF x Far_LoA	-9,79827349	0,017	0,303
CHR3	12171706	CHR3:12171706	SSF x Far_LoA	-8,75129699	0,039	0,294
CHR3	12171721	CHR3:12171721	SSF x Far_LoA	-9,73286618	0,055	0,290
CHR3	1217211	CHR3:1217211	SSF x Far_LoA	-10,9315814	-0,060	0,304
CHR3	12176512	CHR3:12176512	SSF x Far_LoA	-8,45049586	0,107	0,293
CHR3	12177707	CHR3:12177707	SSF x Far_LoA	-8,74439202	-0,067	0,313
CHR3	12177825	CHR3:12177825	SSF x Far_LoA	-9,43647012	-0,097	0,302
CHR3	12177965	CHR3:12177965	SSF x Far_LoA	-11,3186544	0,088	0,281
CHR3	12178010	CHR3:12178010	SSF x Far_LoA	-8,40608131	-0,058	0,303
CHR3	12178043	CHR3:12178043	SSF x Far_LoA	-7,77455254	0,090	0,299
CHR3	12183108	CHR3:12183108	SSF x Far_LoA	-10,6828762	0,103	0,308
CHR3	12183324	CHR3:12183324	SSF x Far_LoA	-7,62255784	-0,099	0,292
CHR3	12184760	CHR3:12184760	SSF x Far_LoA	-6,45378489	0,075	0,306
CHR3	12184809	CHR3:12184809	SSF x Far_LoA	-8,95610003	-0,158	0,294
CHR3	12191418	CHR3:12191418	SSF x Far_LoA	-9,24537532	-0,054	0,300
CHR3	12191463	CHR3:12191463	SSF x Far_LoA	-11,4385107	-0,031	0,315
CHR3	12191566	CHR3:12191566	SSF x Far_LoA	-7,13633451	-0,011	0,305
CHR3	12191571	CHR3:12191571	SSF x Far_LoA	-9,45916353	-0,059	0,295
CHR3	1219403	CHR3:1219403	SSF x Far_LoA	-10,2300443	-0,027	0,300
CHR3	1219666	CHR3:1219666	SSF x Far_LoA	-9,99243459	-0,075	0,316
CHR3	12199109	CHR3:12199109	SSF x Far_LoA	-10,276176	0,012	0,294
CHR3	12215359	CHR3:12215359	SSF x Far_LoA	-9,31174423	0,026	0,315
CHR3	12215386	CHR3:12215386	SSF x Far_LoA	-8,24907323	-0,085	0,297
CHR3	12215470	CHR3:12215470	SSF x Far_LoA	-8,36279892	0,042	0,294
CHR3	12220116	CHR3:12220116	SSF x Far_LoA	-0,87885111	-0,016	0,300
CHR3	12220122	CHR3:12220122	SSF x Far_LoA	-11,7856707	-0,019	0,295
CHR3	12220173	CHR3:12220173	SSF x Far_LoA	-11,8051488	0,043	0,301
CHR3	12220345	CHR3:12220345	SSF x Far_LoA	-11,1824345	-0,020	0,307
CHR3	12225146	CHR3:12225146	SSF x Far_LoA	-10,2058477	-0,083	0,303
CHR3	12225156	CHR3:12225156	SSF x Far_LoA	-9,65389237	-0,077	0,313
CHR3	12226493	CHR3:12226493	SSF x Far_LoA	-8,97336896	-0,090	0,303
CHR3	12232463	CHR3:12232463	SSF x Far_LoA	-10,3659346	-0,084	0,317
CHR3	12232492	CHR3:12232492	SSF x Far_LoA	-8,73827399	0,022	0,304
CHR3	12232502	CHR3:12232502	SSF x Far_LoA	-8,90029511	0,026	0,301
CHR3	12232504	CHR3:12232504	SSF x Far_LoA	-10,9008326	0,010	0,300
CHR3	12232619	CHR3:12232619	SSF x Far_LoA	-0,89342517	-0,077	0,304
CHR3	12234555	CHR3:12234555	SSF x Far_LoA	-6,94887802	0,146	0,291
CHR3	12234558	CHR3:12234558	SSF x Far_LoA	-9,09552542	0,085	0,304
CHR3	12241215	CHR3:12241215	SSF x Far_LoA	-12,004003	0,008	0,299
CHR3	12241217	CHR3:12241217	SSF x Far_LoA	-10,3255048	0,031	0,317
CHR3	12241250	CHR3:12241250	SSF x Far_LoA	-7,74250123	-0,077	0,310
CHR3	12241259	CHR3:12241259	SSF x Far_LoA	-10,2716417	-0,039	0,303
CHR3	12241306	CHR3:12241306	SSF x Far_LoA	-5,69547919	0,117	0,301
CHR3	12241372	CHR3:12241372	SSF x Far_LoA	-11,7662017	0,070	0,314
CHR3	12241395	CHR3:12241395	SSF x Far_LoA	-3,62678937	0,082	0,294

CHR3	12252500	CHR3:12252500	SSF x Far_LoA	-10,6242168	0,007	0,311
CHR3	12255053	CHR3:12255053	SSF x Far_LoA	-3,77551876	-0,112	0,306
CHR3	12255083	CHR3:12255083	SSF x Far_LoA	-7,1741183	-0,198	0,277
CHR3	12255130	CHR3:12255130	SSF x Far_LoA	-9,39579388	-0,181	0,310
CHR3	12257516	CHR3:12257516	SSF x Far_LoA	-10,7619402	-0,054	0,308
CHR3	12257534	CHR3:12257534	SSF x Far_LoA	-9,80428728	0,008	0,308
CHR3	12257543	CHR3:12257543	SSF x Far_LoA	-8,60911454	0,080	0,301
CHR3	12257593	CHR3:12257593	SSF x Far_LoA	-11,6333868	0,031	0,303
CHR3	12257659	CHR3:12257659	SSF x Far_LoA	-6,65216115	-0,041	0,311
CHR3	12259665	CHR3:12259665	SSF x Far_LoA	-10,9575303	0,054	0,312
CHR3	12259666	CHR3:12259666	SSF x Far_LoA	-8,25355274	0,057	0,310
CHR3	12259686	CHR3:12259686	SSF x Far_LoA	-8,83050524	0,020	0,311
CHR3	12259695	CHR3:12259695	SSF x Far_LoA	-10,9614783	0,008	0,308
CHR3	12259701	CHR3:12259701	SSF x Far_LoA	-9,40090427	-0,116	0,310
CHR3	12259721	CHR3:12259721	SSF x Far_LoA	-8,26818866	-0,163	0,305
CHR3	12259737	CHR3:12259737	SSF x Far_LoA	-8,07341244	0,211	0,289
CHR3	12259743	CHR3:12259743	SSF x Far_LoA	-5,59195093	0,246	0,285
CHR3	12259775	CHR3:12259775	SSF x Far_LoA	-0,98921249	-0,123	0,317
CHR3	12259823	CHR3:12259823	SSF x Far_LoA	-11,394608	0,005	0,312
CHR3	12265030	CHR3:12265030	SSF x Far_LoA	-10,0387856	0,041	0,304
CHR3	12265192	CHR3:12265192	SSF x Far_LoA	2,42382634	0,092	0,304
CHR3	12265203	CHR3:12265203	SSF x Far_LoA	-10,3952547	-0,003	0,306
CHR3	12265213	CHR3:12265213	SSF x Far_LoA	-4,87418561	-0,112	0,317
CHR3	12266428	CHR3:12266428	SSF x Far_LoA	-10,1650665	-0,047	0,321
CHR3	12266440	CHR3:12266440	SSF x Far_LoA	-8,53031277	0,065	0,293
CHR3	12266527	CHR3:12266527	SSF x Far_LoA	-9,62019436	-0,058	0,312
CHR3	12266528	CHR3:12266528	SSF x Far_LoA	-8,99853166	-0,038	0,299
CHR3	1226972	CHR3:1226972	SSF x Far_LoA	-6,87812446	-0,166	0,296
CHR3	12269799	CHR3:12269799	SSF x Far_LoA	-9,0183891	-0,180	0,301
CHR3	12269854	CHR3:12269854	SSF x Far_LoA	-10,381803	-0,008	0,301
CHR3	12269929	CHR3:12269929	SSF x Far_LoA	-8,91148228	0,083	0,291
CHR3	12269952	CHR3:12269952	SSF x Far_LoA	-8,5374417	0,100	0,299
CHR3	1227126	CHR3:1227126	SSF x Far_LoA	-7,63816606	-0,139	0,299
CHR3	1227277	CHR3:1227277	SSF x Far_LoA	-9,07915012	0,061	0,302
CHR3	1228208	CHR3:1228208	SSF x Far_LoA	-11,6509287	-0,004	0,304
CHR3	1228234	CHR3:1228234	SSF x Far_LoA	-8,16851459	0,078	0,301
CHR3	12300265	CHR3:12300265	SSF x Far_LoA	2,95156798	-0,124	0,298
CHR3	12300275	CHR3:12300275	SSF x Far_LoA	-7,11864927	0,092	0,293
CHR3	12300297	CHR3:12300297	SSF x Far_LoA	-11,1040453	0,068	0,294
CHR3	12301734	CHR3:12301734	SSF x Far_LoA	-10,5095739	-0,056	0,316
CHR3	1230783	CHR3:1230783	SSF x Far_LoA	-7,81568805	-0,008	0,321
CHR3	1230831	CHR3:1230831	SSF x Far_LoA	-9,32659894	0,076	0,308
CHR3	1230832	CHR3:1230832	SSF x Far_LoA	-7,81841305	0,088	0,312
CHR3	12312082	CHR3:12312082	SSF x Far_LoA	-10,8138626	0,022	0,318
CHR3	12312159	CHR3:12312159	SSF x Far_LoA	-3,64925928	-0,078	0,295
CHR3	12312212	CHR3:12312212	SSF x Far_LoA	-11,116013	-0,098	0,311
CHR3	12312276	CHR3:12312276	SSF x Far_LoA	-11,3059264	-0,008	0,297
CHR3	12312450	CHR3:12312450	SSF x Far_LoA	-7,00428563	0,088	0,314
CHR3	12312454	CHR3:12312454	SSF x Far_LoA	-11,0227632	0,015	0,309
CHR3	12318395	CHR3:12318395	SSF x Far_LoA	-7,90497237	-0,046	0,306
CHR3	12325456	CHR3:12325456	SSF x Far_LoA	-9,81913973	-0,052	0,312
CHR3	12356438	CHR3:12356438	SSF x Far_LoA	-8,63882273	-0,155	0,298
CHR3	12363121	CHR3:12363121	SSF x Far_LoA	-11,9091283	0,041	0,295

CHR3	12363161	CHR3:12363161	SSF x Far_LoA	-9,40652922	0,051	0,314
CHR3	12363178	CHR3:12363178	SSF x Far_LoA	-9,65377426	0,051	0,314
CHR3	12368307	CHR3:12368307	SSF x Far_LoA	-9,49841387	-0,054	0,312
CHR3	12368338	CHR3:12368338	SSF x Far_LoA	-8,72837647	-0,002	0,298
CHR3	12368374	CHR3:12368374	SSF x Far_LoA	-11,8162667	-0,078	0,293
CHR3	12368442	CHR3:12368442	SSF x Far_LoA	-9,67816671	-0,053	0,313
CHR3	12368473	CHR3:12368473	SSF x Far_LoA	-10,4277921	-0,046	0,296
CHR3	12368503	CHR3:12368503	SSF x Far_LoA	-9,4138252	0,031	0,304
CHR3	1237291	CHR3:1237291	SSF x Far_LoA	-11,1165599	0,035	0,305
CHR3	1237487	CHR3:1237487	SSF x Far_LoA	-11,4932446	-0,040	0,306
CHR3	12375408	CHR3:12375408	SSF x Far_LoA	-11,1526488	-0,007	0,301
CHR3	12380910	CHR3:12380910	SSF x Far_LoA	-11,3482736	0,098	0,305
CHR3	12380997	CHR3:12380997	SSF x Far_LoA	-8,13812919	-0,057	0,310
CHR3	12381021	CHR3:12381021	SSF x Far_LoA	-9,84611457	0,159	0,301
CHR3	12381042	CHR3:12381042	SSF x Far_LoA	-10,8174737	0,037	0,294
CHR3	12399595	CHR3:12399595	SSF x Far_LoA	-6,69722782	-0,134	0,299
CHR3	12399599	CHR3:12399599	SSF x Far_LoA	-6,1578976	-0,114	0,318
CHR3	12399629	CHR3:12399629	SSF x Far_LoA	-9,86534559	-0,036	0,300
CHR3	12427246	CHR3:12427246	SSF x Far_LoA	-5,92906035	-0,086	0,306
CHR3	12427253	CHR3:12427253	SSF x Far_LoA	-9,24333261	-0,004	0,311
CHR3	12427273	CHR3:12427273	SSF x Far_LoA	-7,76452996	-0,106	0,315
CHR3	12430957	CHR3:12430957	SSF x Far_LoA	-10,7039782	-0,035	0,305
CHR3	12430969	CHR3:12430969	SSF x Far_LoA	-9,48732447	-0,059	0,303
CHR3	12430970	CHR3:12430970	SSF x Far_LoA	-11,6586896	0,015	0,302
CHR3	12430976	CHR3:12430976	SSF x Far_LoA	-9,67615469	0,125	0,299
CHR3	12431024	CHR3:12431024	SSF x Far_LoA	-9,87550881	-0,023	0,306
CHR3	12431042	CHR3:12431042	SSF x Far_LoA	-9,23440565	0,004	0,296
CHR3	12431059	CHR3:12431059	SSF x Far_LoA	-9,26155212	0,012	0,303
CHR3	12431081	CHR3:12431081	SSF x Far_LoA	-8,67414054	0,071	0,305
CHR3	12431120	CHR3:12431120	SSF x Far_LoA	-10,2342418	0,046	0,307
CHR3	12431148	CHR3:12431148	SSF x Far_LoA	-10,997628	0,007	0,297
CHR3	12431171	CHR3:12431171	SSF x Far_LoA	-9,90376582	-0,023	0,318
CHR3	12431184	CHR3:12431184	SSF x Far_LoA	-11,3393662	-0,033	0,316
CHR3	12437727	CHR3:12437727	SSF x Far_LoA	-7,87372012	-0,101	0,298
CHR3	12437751	CHR3:12437751	SSF x Far_LoA	-7,72327242	-0,004	0,306
CHR3	12437755	CHR3:12437755	SSF x Far_LoA	-9,23587866	-0,005	0,312
CHR3	12437781	CHR3:12437781	SSF x Far_LoA	-8,31041985	-0,073	0,307
CHR3	12437794	CHR3:12437794	SSF x Far_LoA	-7,2497628	0,052	0,299
CHR3	12437802	CHR3:12437802	SSF x Far_LoA	-7,52335483	-0,103	0,290
CHR3	12441587	CHR3:12441587	SSF x Far_LoA	-8,88940923	-0,089	0,316
CHR3	12441606	CHR3:12441606	SSF x Far_LoA	-9,17650619	0,053	0,302
CHR3	12441630	CHR3:12441630	SSF x Far_LoA	-8,20051107	-0,109	0,302
CHR3	12441640	CHR3:12441640	SSF x Far_LoA	-7,44692573	-0,103	0,305
CHR3	12441646	CHR3:12441646	SSF x Far_LoA	-9,17982786	0,009	0,307
CHR3	12441684	CHR3:12441684	SSF x Far_LoA	-7,71505001	-0,092	0,316
CHR3	12441747	CHR3:12441747	SSF x Far_LoA	-9,82022142	-0,069	0,313
CHR3	12441767	CHR3:12441767	SSF x Far_LoA	-10,7537439	-0,006	0,310
CHR3	12441768	CHR3:12441768	SSF x Far_LoA	-7,393303	-0,014	0,297
CHR3	12441769	CHR3:12441769	SSF x Far_LoA	-7,87164716	-0,028	0,293
CHR3	12441792	CHR3:12441792	SSF x Far_LoA	0,98848127	0,102	0,298
CHR3	12441797	CHR3:12441797	SSF x Far_LoA	-7,90931891	0,097	0,312
CHR3	12441801	CHR3:12441801	SSF x Far_LoA	-4,627637	0,111	0,312
CHR3	12441803	CHR3:12441803	SSF x Far_LoA	-7,7079538	0,110	0,310

CHR3	12441823	CHR3:12441823	SSF x Far_LoA	0,53010423	0,166	0,296
CHR3	12441828	CHR3:12441828	SSF x Far_LoA	-8,42185984	0,141	0,301
CHR3	12447610	CHR3:12447610	SSF x Far_LoA	-5,99750983	-0,088	0,320
CHR3	12447650	CHR3:12447650	SSF x Far_LoA	-10,3710518	-0,057	0,316
CHR3	12447719	CHR3:12447719	SSF x Far_LoA	-8,82631366	0,064	0,292
CHR3	12447764	CHR3:12447764	SSF x Far_LoA	-11,4411838	0,062	0,319
CHR3	12447795	CHR3:12447795	SSF x Far_LoA	-9,55065562	-0,023	0,310
CHR3	12447810	CHR3:12447810	SSF x Far_LoA	-9,49183133	-0,058	0,298
CHR3	12456406	CHR3:12456406	SSF x Far_LoA	-8,04400033	0,113	0,298
CHR3	12456440	CHR3:12456440	SSF x Far_LoA	-9,41793555	0,095	0,299
CHR3	12456526	CHR3:12456526	SSF x Far_LoA	-10,0602204	-0,084	0,308
CHR3	12456548	CHR3:12456548	SSF x Far_LoA	-9,40337535	-0,182	0,296
CHR3	12456642	CHR3:12456642	SSF x Far_LoA	-10,2537896	-0,034	0,295
CHR3	12473897	CHR3:12473897	SSF x Far_LoA	-11,4526412	0,027	0,316
CHR3	12473963	CHR3:12473963	SSF x Far_LoA	-10,5490641	-0,062	0,301
CHR3	12475256	CHR3:12475256	SSF x Far_LoA	-7,51074192	0,101	0,296
CHR3	12475282	CHR3:12475282	SSF x Far_LoA	-11,1486735	-0,079	0,291
CHR3	12475415	CHR3:12475415	SSF x Far_LoA	-8,90762294	-0,152	0,307
CHR3	12475437	CHR3:12475437	SSF x Far_LoA	-7,85474699	-0,195	0,295
CHR3	12475450	CHR3:12475450	SSF x Far_LoA	-9,38809242	0,027	0,320
CHR3	12475469	CHR3:12475469	SSF x Far_LoA	-8,33821891	-0,113	0,297
CHR3	12479913	CHR3:12479913	SSF x Far_LoA	-4,47337065	-0,176	0,306
CHR3	12479942	CHR3:12479942	SSF x Far_LoA	-7,67823532	0,089	0,302
CHR3	12479948	CHR3:12479948	SSF x Far_LoA	-7,69010056	0,082	0,315
CHR3	12480034	CHR3:12480034	SSF x Far_LoA	-5,08864778	-0,122	0,300
CHR3	12480043	CHR3:12480043	SSF x Far_LoA	-7,92660746	0,149	0,295
CHR3	12480061	CHR3:12480061	SSF x Far_LoA	-8,17087313	-0,085	0,302
CHR3	12480064	CHR3:12480064	SSF x Far_LoA	-4,15376991	-0,136	0,294
CHR3	12480080	CHR3:12480080	SSF x Far_LoA	-8,67061816	-0,069	0,305
CHR3	12480121	CHR3:12480121	SSF x Far_LoA	-10,8740715	-0,070	0,309
CHR3	12480182	CHR3:12480182	SSF x Far_LoA	-10,9458669	-0,015	0,307
CHR3	12482602	CHR3:12482602	SSF x Far_LoA	-7,18494261	-0,143	0,293
CHR3	12482653	CHR3:12482653	SSF x Far_LoA	-10,5051498	0,079	0,301
CHR3	12482662	CHR3:12482662	SSF x Far_LoA	-7,62125653	0,132	0,318
CHR3	12493557	CHR3:12493557	SSF x Far_LoA	-9,24582367	0,099	0,293
CHR3	12493559	CHR3:12493559	SSF x Far_LoA	-10,3741261	0,062	0,285
CHR3	12493589	CHR3:12493589	SSF x Far_LoA	-11,8347644	-0,031	0,311
CHR3	12493610	CHR3:12493610	SSF x Far_LoA	-10,1699247	-0,017	0,312
CHR3	12493618	CHR3:12493618	SSF x Far_LoA	-10,4637305	-0,015	0,303
CHR3	12493624	CHR3:12493624	SSF x Far_LoA	-11,5510461	-0,006	0,290
CHR3	12494085	CHR3:12494085	SSF x Far_LoA	-9,2991252	0,016	0,324
CHR3	12496931	CHR3:12496931	SSF x Far_LoA	-3,35473417	0,120	0,301
CHR3	12496935	CHR3:12496935	SSF x Far_LoA	-6,03175647	0,102	0,301
CHR3	12497104	CHR3:12497104	SSF x Far_LoA	-5,80274646	-0,193	0,294
CHR3	12497132	CHR3:12497132	SSF x Far_LoA	-3,62324456	-0,153	0,299
CHR3	12497148	CHR3:12497148	SSF x Far_LoA	-9,23758781	-0,010	0,314
CHR3	12500657	CHR3:12500657	SSF x Far_LoA	-10,8904693	-0,010	0,319
CHR3	12500671	CHR3:12500671	SSF x Far_LoA	-10,1367686	0,011	0,327
CHR3	12500698	CHR3:12500698	SSF x Far_LoA	-10,7511789	-0,009	0,319
CHR3	12500779	CHR3:12500779	SSF x Far_LoA	-7,71153274	0,150	0,294
CHR3	12500829	CHR3:12500829	SSF x Far_LoA	-0,30009243	-0,086	0,316
CHR3	12500847	CHR3:12500847	SSF x Far_LoA	-10,4203767	-0,031	0,284
CHR3	12508269	CHR3:12508269	SSF x Far_LoA	-9,58378606	-0,074	0,308

CHR3	12508293	CHR3:12508293	SSF x Far_LoA	-6,86581946	-0,114	0,309
CHR3	12508321	CHR3:12508321	SSF x Far_LoA	-9,50136452	0,001	0,313
CHR3	12508392	CHR3:12508392	SSF x Far_LoA	-3,10362144	0,095	0,305
CHR3	12508409	CHR3:12508409	SSF x Far_LoA	-7,57125012	-0,027	0,305
CHR3	12508453	CHR3:12508453	SSF x Far_LoA	-10,1304353	0,014	0,314
CHR3	12508476	CHR3:12508476	SSF x Far_LoA	-10,430341	0,006	0,306
CHR3	12514322	CHR3:12514322	SSF x Far_LoA	-10,4113949	0,105	0,314
CHR3	12514457	CHR3:12514457	SSF x Far_LoA	-12,2925103	0,072	0,294
CHR3	12514459	CHR3:12514459	SSF x Far_LoA	-7,77392922	0,057	0,313
CHR3	12514505	CHR3:12514505	SSF x Far_LoA	-9,3861048	0,093	0,308
CHR3	12514530	CHR3:12514530	SSF x Far_LoA	-7,89929734	-0,082	0,301
CHR3	12520221	CHR3:12520221	SSF x Far_LoA	-9,13758257	0,010	0,310
CHR3	12520222	CHR3:12520222	SSF x Far_LoA	-10,5589083	0,051	0,305
CHR3	12520247	CHR3:12520247	SSF x Far_LoA	-9,30436731	-0,089	0,316
CHR3	12520271	CHR3:12520271	SSF x Far_LoA	-9,79569054	-0,036	0,315
CHR3	12521931	CHR3:12521931	SSF x Far_LoA	-9,52444658	-0,128	0,310
CHR3	12525150	CHR3:12525150	SSF x Far_LoA	-9,8420653	0,091	0,298
CHR3	12526334	CHR3:12526334	SSF x Far_LoA	-3,99814701	0,241	0,290
CHR3	12526336	CHR3:12526336	SSF x Far_LoA	-9,31481894	-0,059	0,319
CHR3	12527956	CHR3:12527956	SSF x Far_LoA	-9,85378872	-0,070	0,325
CHR3	12528065	CHR3:12528065	SSF x Far_LoA	-8,75133418	-0,032	0,310
CHR3	12528211	CHR3:12528211	SSF x Far_LoA	-10,8002507	-0,064	0,304
CHR3	12528228	CHR3:12528228	SSF x Far_LoA	-10,1270363	-0,056	0,311
CHR3	12530508	CHR3:12530508	SSF x Far_LoA	-11,8005891	-0,046	0,305
CHR3	12530509	CHR3:12530509	SSF x Far_LoA	-11,7123403	-0,039	0,308
CHR3	12530526	CHR3:12530526	SSF x Far_LoA	-11,0016057	-0,024	0,307
CHR3	12530570	CHR3:12530570	SSF x Far_LoA	-10,1796922	-0,038	0,306
CHR3	12530673	CHR3:12530673	SSF x Far_LoA	-8,82317201	-0,051	0,314
CHR3	12537054	CHR3:12537054	SSF x Far_LoA	-10,6341122	-0,010	0,292
CHR3	12537112	CHR3:12537112	SSF x Far_LoA	-8,32597984	-0,053	0,306
CHR3	12539114	CHR3:12539114	SSF x Far_LoA	-10,0227091	-0,037	0,306
CHR3	12539116	CHR3:12539116	SSF x Far_LoA	-9,2838359	-0,044	0,311
CHR3	12539268	CHR3:12539268	SSF x Far_LoA	-8,89544149	0,114	0,308
CHR3	12539337	CHR3:12539337	SSF x Far_LoA	-10,1116425	-0,011	0,302
CHR3	12549685	CHR3:12549685	SSF x Far_LoA	-8,26548843	-0,113	0,298
CHR3	12549694	CHR3:12549694	SSF x Far_LoA	-10,8680743	-0,002	0,303
CHR3	12549720	CHR3:12549720	SSF x Far_LoA	-9,08759323	-0,145	0,304
CHR3	12549780	CHR3:12549780	SSF x Far_LoA	-7,97036418	-0,021	0,296
CHR3	12551016	CHR3:12551016	SSF x Far_LoA	-7,05558341	0,115	0,297
CHR3	12554071	CHR3:12554071	SSF x Far_LoA	-10,9482123	0,079	0,303
CHR3	12554087	CHR3:12554087	SSF x Far_LoA	-8,89069388	-0,098	0,297
CHR3	12554206	CHR3:12554206	SSF x Far_LoA	-11,8522575	0,010	0,303
CHR3	12555812	CHR3:12555812	SSF x Far_LoA	-10,348785	-0,038	0,290
CHR3	12555835	CHR3:12555835	SSF x Far_LoA	-9,65147413	0,046	0,309
CHR3	12563742	CHR3:12563742	SSF x Far_LoA	-9,15514325	0,018	0,301
CHR3	12563814	CHR3:12563814	SSF x Far_LoA	-9,4011567	0,041	0,299
CHR3	12563886	CHR3:12563886	SSF x Far_LoA	-11,8319153	0,012	0,311
CHR3	12567779	CHR3:12567779	SSF x Far_LoA	-8,12896671	0,003	0,312
CHR3	12574106	CHR3:12574106	SSF x Far_LoA	-8,95471036	0,021	0,301
CHR3	12574117	CHR3:12574117	SSF x Far_LoA	-10,9898459	-0,056	0,311
CHR3	12574129	CHR3:12574129	SSF x Far_LoA	-10,4249022	0,075	0,316
CHR3	12574142	CHR3:12574142	SSF x Far_LoA	-12,044299	0,005	0,305
CHR3	12574947	CHR3:12574947	SSF x Far_LoA	-9,14628988	0,057	0,304

CHR3	12574977	CHR3:12574977	SSF x Far_LoA	-11,121971	0,059	0,308
CHR3	12575031	CHR3:12575031	SSF x Far_LoA	-6,69125705	-0,107	0,308
CHR3	12576849	CHR3:12576849	SSF x Far_LoA	-9,2695206	-0,043	0,301
CHR3	12576859	CHR3:12576859	SSF x Far_LoA	-11,3581735	-0,041	0,315
CHR3	12576860	CHR3:12576860	SSF x Far_LoA	-10,5766739	0,045	0,307
CHR3	12584832	CHR3:12584832	SSF x Far_LoA	-9,47083066	-0,084	0,304
CHR3	12584833	CHR3:12584833	SSF x Far_LoA	-8,37983353	-0,087	0,294
CHR3	12584888	CHR3:12584888	SSF x Far_LoA	-9,88030261	0,037	0,308
CHR3	12584966	CHR3:12584966	SSF x Far_LoA	-4,40699881	-0,188	0,307
CHR3	12590862	CHR3:12590862	SSF x Far_LoA	-10,1859134	0,017	0,300
CHR3	12590999	CHR3:12590999	SSF x Far_LoA	-8,26972564	-0,094	0,312
CHR3	12591077	CHR3:12591077	SSF x Far_LoA	-7,92046056	0,034	0,320
CHR3	12591082	CHR3:12591082	SSF x Far_LoA	-9,46434424	0,076	0,318
CHR3	12593353	CHR3:12593353	SSF x Far_LoA	-7,63270462	0,018	0,308
CHR3	12593393	CHR3:12593393	SSF x Far_LoA	-10,0130449	0,066	0,301
CHR3	12593423	CHR3:12593423	SSF x Far_LoA	-9,5007041	-0,123	0,304
CHR3	12593630	CHR3:12593630	SSF x Far_LoA	-9,44743034	0,003	0,309
CHR3	12593662	CHR3:12593662	SSF x Far_LoA	-10,3044078	0,054	0,313
CHR3	12593674	CHR3:12593674	SSF x Far_LoA	-9,45625448	-0,008	0,311
CHR3	12593703	CHR3:12593703	SSF x Far_LoA	-10,6711147	-0,107	0,293
CHR3	12593719	CHR3:12593719	SSF x Far_LoA	-10,4085012	-0,003	0,297
CHR3	12600353	CHR3:12600353	SSF x Far_LoA	-8,30946904	-0,133	0,295
CHR3	12600989	CHR3:12600989	SSF x Far_LoA	-10,7125695	-0,019	0,317
CHR3	12606751	CHR3:12606751	SSF x Far_LoA	-10,7903348	0,035	0,307
CHR3	12606782	CHR3:12606782	SSF x Far_LoA	-9,46797744	0,004	0,317
CHR3	12606802	CHR3:12606802	SSF x Far_LoA	-10,6842697	0,035	0,311
CHR3	12606834	CHR3:12606834	SSF x Far_LoA	-9,25868769	0,055	0,315
CHR3	12606835	CHR3:12606835	SSF x Far_LoA	-10,6501429	0,033	0,306
CHR3	12606837	CHR3:12606837	SSF x Far_LoA	-9,0944283	0,059	0,308
CHR3	1261472	CHR3:1261472	SSF x Far_LoA	-10,7526684	0,068	0,302
CHR3	1261482	CHR3:1261482	SSF x Far_LoA	-11,2012789	0,038	0,309
CHR3	1261487	CHR3:1261487	SSF x Far_LoA	-9,02971408	0,021	0,317
CHR3	1261488	CHR3:1261488	SSF x Far_LoA	-11,7468532	0,042	0,305
CHR3	1261494	CHR3:1261494	SSF x Far_LoA	-7,92003707	0,138	0,297
CHR3	12619502	CHR3:12619502	SSF x Far_LoA	-12,1863851	0,036	0,301
CHR3	1262156	CHR3:1262156	SSF x Far_LoA	-8,72906315	0,109	0,306
CHR3	12624707	CHR3:12624707	SSF x Far_LoA	-9,94903405	-0,001	0,310
CHR3	12644913	CHR3:12644913	SSF x Far_LoA	-11,1151058	0,079	0,300
CHR3	12644952	CHR3:12644952	SSF x Far_LoA	-9,73473245	-0,016	0,309
CHR3	12644986	CHR3:12644986	SSF x Far_LoA	-10,5357799	0,077	0,295
CHR3	12648860	CHR3:12648860	SSF x Far_LoA	-8,20104137	0,106	0,308
CHR3	12658102	CHR3:12658102	SSF x Far_LoA	-9,57853515	-0,106	0,312
CHR3	12661170	CHR3:12661170	SSF x Far_LoA	-9,63714323	0,007	0,287
CHR3	12661186	CHR3:12661186	SSF x Far_LoA	-10,8487316	-0,022	0,292
CHR3	12661252	CHR3:12661252	SSF x Far_LoA	-10,6160394	-0,015	0,299
CHR3	12661282	CHR3:12661282	SSF x Far_LoA	-10,6691338	-0,007	0,294
CHR3	12661307	CHR3:12661307	SSF x Far_LoA	-0,31446539	-0,020	0,294
CHR3	12670107	CHR3:12670107	SSF x Far_LoA	-8,43939878	0,083	0,310
CHR3	12670189	CHR3:12670189	SSF x Far_LoA	-6,77580564	0,160	0,298
CHR3	12677161	CHR3:12677161	SSF x Far_LoA	-10,319075	0,019	0,314
CHR3	12677162	CHR3:12677162	SSF x Far_LoA	-8,71195478	0,142	0,299
CHR3	12677373	CHR3:12677373	SSF x Far_LoA	-8,55109924	0,077	0,309
CHR3	12678767	CHR3:12678767	SSF x Far_LoA	-8,71862592	0,019	0,299

CHR3	12678799	CHR3:12678799	SSF x Far_LoA	-7,98901054	-0,011	0,305
CHR3	12678899	CHR3:12678899	SSF x Far_LoA	-12,4029996	0,009	0,306
CHR3	1268005	CHR3:1268005	SSF x Far_LoA	-10,0627437	0,068	0,300
CHR3	1268035	CHR3:1268035	SSF x Far_LoA	-10,595632	0,103	0,314
CHR3	12683623	CHR3:12683623	SSF x Far_LoA	-8,89671999	0,048	0,307
CHR3	12700095	CHR3:12700095	SSF x Far_LoA	-8,8530265	-0,044	0,308
CHR3	12700159	CHR3:12700159	SSF x Far_LoA	-8,5667195	-0,021	0,304
CHR3	1271231	CHR3:1271231	SSF x Far_LoA	-8,78202021	-0,001	0,314
CHR3	1271250	CHR3:1271250	SSF x Far_LoA	-7,31462627	0,127	0,296
CHR3	1271318	CHR3:1271318	SSF x Far_LoA	-9,08460162	-0,060	0,306
CHR3	12717616	CHR3:12717616	SSF x Far_LoA	-11,0153018	-0,065	0,295
CHR3	12717620	CHR3:12717620	SSF x Far_LoA	-8,40492558	-0,078	0,293
CHR3	12717622	CHR3:12717622	SSF x Far_LoA	-11,1227639	-0,081	0,285
CHR3	12717720	CHR3:12717720	SSF x Far_LoA	-8,90206844	0,020	0,319
CHR3	12728122	CHR3:12728122	SSF x Far_LoA	-11,2259248	-0,022	0,308
CHR3	12728128	CHR3:12728128	SSF x Far_LoA	-7,77882253	0,089	0,307
CHR3	12728173	CHR3:12728173	SSF x Far_LoA	-7,11037607	-0,058	0,316
CHR3	12728317	CHR3:12728317	SSF x Far_LoA	-4,89112294	-0,129	0,314
CHR3	12730342	CHR3:12730342	SSF x Far_LoA	-8,07705688	0,015	0,311
CHR3	12738943	CHR3:12738943	SSF x Far_LoA	-10,6476314	0,054	0,300
CHR3	12747670	CHR3:12747670	SSF x Far_LoA	-7,05217073	-0,016	0,335
CHR3	12747687	CHR3:12747687	SSF x Far_LoA	-10,8420994	0,075	0,296
CHR3	12747699	CHR3:12747699	SSF x Far_LoA	-11,995921	0,060	0,299
CHR3	12747738	CHR3:12747738	SSF x Far_LoA	-9,71808281	-0,073	0,312
CHR3	12764652	CHR3:12764652	SSF x Far_LoA	-11,8059602	0,054	0,310
CHR3	12764841	CHR3:12764841	SSF x Far_LoA	-8,84867424	-0,136	0,316
CHR3	12764964	CHR3:12764964	SSF x Far_LoA	-8,2335796	-0,123	0,302
CHR3	1276935	CHR3:1276935	SSF x Far_LoA	-8,34405764	-0,102	0,316
CHR3	1276967	CHR3:1276967	SSF x Far_LoA	-10,2236848	0,061	0,313
CHR3	1277095	CHR3:1277095	SSF x Far_LoA	-11,7779591	-0,037	0,309
CHR3	12786096	CHR3:12786096	SSF x Far_LoA	-8,79987192	-0,017	0,301
CHR3	12786113	CHR3:12786113	SSF x Far_LoA	-11,3515694	-0,076	0,297
CHR3	12792728	CHR3:12792728	SSF x Far_LoA	-8,10422441	0,060	0,298
CHR3	12792733	CHR3:12792733	SSF x Far_LoA	-7,41492737	0,163	0,302
CHR3	12792738	CHR3:12792738	SSF x Far_LoA	-10,9744736	-0,107	0,309
CHR3	12792787	CHR3:12792787	SSF x Far_LoA	0,81500775	-0,274	0,263
CHR3	128077	CHR3:128077	SSF x Far_LoA	-11,9107356	0,017	0,301
CHR3	12812931	CHR3:12812931	SSF x Far_LoA	-7,40811035	-0,015	0,319
CHR3	1282063	CHR3:1282063	SSF x Far_LoA	-6,59685775	-0,048	0,298
CHR3	1282093	CHR3:1282093	SSF x Far_LoA	-7,9992244	0,104	0,310
CHR3	12833937	CHR3:12833937	SSF x Far_LoA	-11,5116527	0,084	0,319
CHR3	12852615	CHR3:12852615	SSF x Far_LoA	-11,3112447	-0,011	0,303
CHR3	12852666	CHR3:12852666	SSF x Far_LoA	-5,95334832	0,093	0,315
CHR3	12852881	CHR3:12852881	SSF x Far_LoA	-11,5898972	-0,027	0,311
CHR3	12854717	CHR3:12854717	SSF x Far_LoA	-9,59429126	0,020	0,316
CHR3	12854772	CHR3:12854772	SSF x Far_LoA	-9,17735644	0,035	0,298
CHR3	12854815	CHR3:12854815	SSF x Far_LoA	-11,2525097	0,014	0,305
CHR3	12865465	CHR3:12865465	SSF x Far_LoA	-10,5571666	-0,009	0,316
CHR3	12865681	CHR3:12865681	SSF x Far_LoA	-9,48250042	-0,127	0,304
CHR3	12865688	CHR3:12865688	SSF x Far_LoA	-9,62652655	-0,155	0,306
CHR3	12869970	CHR3:12869970	SSF x Far_LoA	-10,5803441	0,135	0,299
CHR3	12870046	CHR3:12870046	SSF x Far_LoA	-7,21822272	-0,044	0,299
CHR3	12870048	CHR3:12870048	SSF x Far_LoA	-9,8017769	0,137	0,302

CHR3	12870074	CHR3:12870074	SSF x Far_LoA	-8,39896806	-0,097	0,298
CHR3	12870122	CHR3:12870122	SSF x Far_LoA	-10,6541535	-0,111	0,305
CHR3	12870128	CHR3:12870128	SSF x Far_LoA	-6,80251066	0,097	0,317
CHR3	12870858	CHR3:12870858	SSF x Far_LoA	-9,17962201	-0,058	0,305
CHR3	12871017	CHR3:12871017	SSF x Far_LoA	-9,86913984	-0,021	0,315
CHR3	12880428	CHR3:12880428	SSF x Far_LoA	-12,0808256	-0,013	0,297
CHR3	12880614	CHR3:12880614	SSF x Far_LoA	-7,42132596	0,145	0,289
CHR3	12883930	CHR3:12883930	SSF x Far_LoA	-9,4728448	-0,047	0,303
CHR3	12888216	CHR3:12888216	SSF x Far_LoA	-8,8496997	-0,032	0,307
CHR3	12888291	CHR3:12888291	SSF x Far_LoA	-6,90112943	0,005	0,314
CHR3	12888419	CHR3:12888419	SSF x Far_LoA	-11,2455891	0,044	0,302
CHR3	12892106	CHR3:12892106	SSF x Far_LoA	-10,9262214	-0,025	0,305
CHR3	12902140	CHR3:12902140	SSF x Far_LoA	-8,30343342	0,030	0,303
CHR3	12902219	CHR3:12902219	SSF x Far_LoA	-9,83220404	-0,161	0,306
CHR3	12902232	CHR3:12902232	SSF x Far_LoA	-10,9226945	-0,032	0,303
CHR3	12902266	CHR3:12902266	SSF x Far_LoA	-8,979086	0,004	0,306
CHR3	12904767	CHR3:12904767	SSF x Far_LoA	-9,80105717	-0,143	0,306
CHR3	12904784	CHR3:12904784	SSF x Far_LoA	-8,35641195	0,132	0,303
CHR3	12905029	CHR3:12905029	SSF x Far_LoA	-11,1029202	0,076	0,299
CHR3	12905054	CHR3:12905054	SSF x Far_LoA	-9,88463619	-0,020	0,301
CHR3	12914350	CHR3:12914350	SSF x Far_LoA	-8,63195471	0,065	0,308
CHR3	12914382	CHR3:12914382	SSF x Far_LoA	-8,1305508	-0,079	0,304
CHR3	12921017	CHR3:12921017	SSF x Far_LoA	-7,68135399	-0,060	0,317
CHR3	12921074	CHR3:12921074	SSF x Far_LoA	-10,2620046	-0,055	0,306
CHR3	12936273	CHR3:12936273	SSF x Far_LoA	-10,1614089	-0,070	0,298
CHR3	12936280	CHR3:12936280	SSF x Far_LoA	-9,21545845	-0,134	0,284
CHR3	12949763	CHR3:12949763	SSF x Far_LoA	-9,23212981	-0,026	0,310
CHR3	12949799	CHR3:12949799	SSF x Far_LoA	-10,6470083	-0,061	0,310
CHR3	12949821	CHR3:12949821	SSF x Far_LoA	-7,26854896	-0,119	0,305
CHR3	12949856	CHR3:12949856	SSF x Far_LoA	-9,0720994	-0,046	0,309
CHR3	12951149	CHR3:12951149	SSF x Far_LoA	-9,24167962	0,051	0,316
CHR3	1296624	CHR3:1296624	SSF x Far_LoA	-9,30558954	0,106	0,306
CHR3	12982648	CHR3:12982648	SSF x Far_LoA	-10,4615253	0,041	0,317
CHR3	12982684	CHR3:12982684	SSF x Far_LoA	-9,65338222	0,031	0,306
CHR3	12982708	CHR3:12982708	SSF x Far_LoA	-8,95926574	0,013	0,302
CHR3	12982743	CHR3:12982743	SSF x Far_LoA	-7,76027748	0,126	0,290
CHR3	12982811	CHR3:12982811	SSF x Far_LoA	-7,4494121	0,010	0,320
CHR3	12983808	CHR3:12983808	SSF x Far_LoA	-11,597617	-0,055	0,312
CHR3	12985681	CHR3:12985681	SSF x Far_LoA	-6,89472013	0,015	0,307
CHR3	12985748	CHR3:12985748	SSF x Far_LoA	-10,844161	0,069	0,302
CHR3	12999321	CHR3:12999321	SSF x Far_LoA	-9,59315405	-0,120	0,307
CHR3	13000026	CHR3:13000026	SSF x Far_LoA	-12,097297	0,016	0,293
CHR3	13003786	CHR3:13003786	SSF x Far_LoA	-9,96343804	-0,139	0,298
CHR3	13003823	CHR3:13003823	SSF x Far_LoA	4,64499538	-0,053	0,320
CHR3	13009271	CHR3:13009271	SSF x Far_LoA	-10,165982	-0,116	0,304
CHR3	13009287	CHR3:13009287	SSF x Far_LoA	-9,52866743	0,011	0,303
CHR3	13009507	CHR3:13009507	SSF x Far_LoA	-8,99601511	-0,101	0,296
CHR3	13009590	CHR3:13009590	SSF x Far_LoA	-9,44680047	-0,005	0,302
CHR3	13009595	CHR3:13009595	SSF x Far_LoA	-10,0277223	0,008	0,309
CHR3	13011811	CHR3:13011811	SSF x Far_LoA	-10,4623679	-0,018	0,317
CHR3	13011833	CHR3:13011833	SSF x Far_LoA	-7,57282899	-0,090	0,308
CHR3	13011913	CHR3:13011913	SSF x Far_LoA	-9,25219237	0,002	0,310
CHR3	13011933	CHR3:13011933	SSF x Far_LoA	-9,8072576	0,028	0,309

CHR3	13011951	CHR3:13011951	SSF x Far_LoA	-11,3850687	0,059	0,307
CHR3	13011964	CHR3:13011964	SSF x Far_LoA	-8,03021488	0,019	0,319
CHR3	13014635	CHR3:13014635	SSF x Far_LoA	-8,22487697	0,043	0,311
CHR3	13022173	CHR3:13022173	SSF x Far_LoA	-10,271186	0,004	0,318
CHR3	13026784	CHR3:13026784	SSF x Far_LoA	-10,2969765	0,055	0,308
CHR3	13044528	CHR3:13044528	SSF x Far_LoA	-7,84863073	-0,005	0,317
CHR3	13044532	CHR3:13044532	SSF x Far_LoA	-10,7074465	-0,075	0,303
CHR3	13044668	CHR3:13044668	SSF x Far_LoA	-10,4279026	0,031	0,309
CHR3	13044690	CHR3:13044690	SSF x Far_LoA	-10,7204206	0,095	0,311
CHR3	13044779	CHR3:13044779	SSF x Far_LoA	-8,72449028	-0,079	0,290
CHR3	13044791	CHR3:13044791	SSF x Far_LoA	-5,68975429	-0,081	0,316
CHR3	13044818	CHR3:13044818	SSF x Far_LoA	-10,0805677	0,034	0,313
CHR3	13053099	CHR3:13053099	SSF x Far_LoA	-10,0919008	0,090	0,297
CHR3	13053103	CHR3:13053103	SSF x Far_LoA	-8,66771332	0,027	0,281
CHR3	13053145	CHR3:13053145	SSF x Far_LoA	-8,5792313	-0,081	0,305
CHR3	13074554	CHR3:13074554	SSF x Far_LoA	-7,46365273	0,149	0,297
CHR3	13080783	CHR3:13080783	SSF x Far_LoA	-11,7776185	0,011	0,297
CHR3	13098732	CHR3:13098732	SSF x Far_LoA	-10,6520972	0,056	0,300
CHR3	13098744	CHR3:13098744	SSF x Far_LoA	-10,0061409	-0,062	0,322
CHR3	13098805	CHR3:13098805	SSF x Far_LoA	-9,57943486	0,001	0,304
CHR3	13098915	CHR3:13098915	SSF x Far_LoA	-8,77834549	-0,013	0,305
CHR3	13098923	CHR3:13098923	SSF x Far_LoA	-10,4134628	-0,047	0,314
CHR3	13098927	CHR3:13098927	SSF x Far_LoA	-10,2840448	-0,054	0,298
CHR3	13106550	CHR3:13106550	SSF x Far_LoA	-10,1825447	-0,127	0,313
CHR3	13107326	CHR3:13107326	SSF x Far_LoA	-5,85583814	0,024	0,305
CHR3	13107414	CHR3:13107414	SSF x Far_LoA	-8,96378112	0,109	0,296
CHR3	13107429	CHR3:13107429	SSF x Far_LoA	-9,36073363	0,098	0,302
CHR3	13107519	CHR3:13107519	SSF x Far_LoA	-11,556573	0,016	0,310
CHR3	13115415	CHR3:13115415	SSF x Far_LoA	-11,7012467	-0,111	0,300
CHR3	13115469	CHR3:13115469	SSF x Far_LoA	-5,18740511	-0,074	0,314
CHR3	13115474	CHR3:13115474	SSF x Far_LoA	-11,2997183	-0,023	0,307
CHR3	13116579	CHR3:13116579	SSF x Far_LoA	-7,84525378	-0,006	0,312
CHR3	13116608	CHR3:13116608	SSF x Far_LoA	-10,1863667	0,054	0,306
CHR3	13116660	CHR3:13116660	SSF x Far_LoA	-9,63354347	0,019	0,299
CHR3	13119103	CHR3:13119103	SSF x Far_LoA	-11,5232622	0,005	0,308
CHR3	13119151	CHR3:13119151	SSF x Far_LoA	-6,30345701	-0,015	0,323
CHR3	13119218	CHR3:13119218	SSF x Far_LoA	-12,1118375	-0,036	0,311
CHR3	13123817	CHR3:13123817	SSF x Far_LoA	-10,2240539	-0,057	0,307
CHR3	13123838	CHR3:13123838	SSF x Far_LoA	-11,1449526	0,007	0,316
CHR3	13124058	CHR3:13124058	SSF x Far_LoA	-11,5347315	0,039	0,308
CHR3	13133087	CHR3:13133087	SSF x Far_LoA	-9,77381163	-0,026	0,306
CHR3	13133221	CHR3:13133221	SSF x Far_LoA	-8,9480496	-0,016	0,309
CHR3	13138102	CHR3:13138102	SSF x Far_LoA	-8,74717643	-0,151	0,310
CHR3	13138112	CHR3:13138112	SSF x Far_LoA	-8,52848678	-0,110	0,290
CHR3	13138129	CHR3:13138129	SSF x Far_LoA	-11,9993759	0,081	0,299
CHR3	13138179	CHR3:13138179	SSF x Far_LoA	-10,2129738	0,020	0,299
CHR3	13138190	CHR3:13138190	SSF x Far_LoA	-10,5004858	-0,012	0,287
CHR3	13140251	CHR3:13140251	SSF x Far_LoA	-11,3635171	-0,015	0,308
CHR3	13140253	CHR3:13140253	SSF x Far_LoA	-9,8446441	0,017	0,300
CHR3	13140267	CHR3:13140267	SSF x Far_LoA	-6,74756304	0,051	0,293
CHR3	13140268	CHR3:13140268	SSF x Far_LoA	-9,42100928	0,013	0,293
CHR3	13153627	CHR3:13153627	SSF x Far_LoA	-8,29768757	-0,101	0,309
CHR3	13162191	CHR3:13162191	SSF x Far_LoA	-8,48082635	-0,127	0,313

CHR3	13162214	CHR3:13162214	SSF x Far_LoA	-8,99690407	0,013	0,281
CHR3	13162277	CHR3:13162277	SSF x Far_LoA	-10,6498185	-0,043	0,311
CHR3	13162402	CHR3:13162402	SSF x Far_LoA	-11,5014949	-0,018	0,312
CHR3	13164336	CHR3:13164336	SSF x Far_LoA	-9,77153691	-0,048	0,300
CHR3	13164339	CHR3:13164339	SSF x Far_LoA	-1,73644561	-0,058	0,303
CHR3	13164344	CHR3:13164344	SSF x Far_LoA	-8,7152683	-0,054	0,318
CHR3	13168264	CHR3:13168264	SSF x Far_LoA	1,93978787	-0,063	0,302
CHR3	13192004	CHR3:13192004	SSF x Far_LoA	-9,92228406	-0,069	0,290
CHR3	13192091	CHR3:13192091	SSF x Far_LoA	-10,7781095	-0,062	0,317
CHR3	13192133	CHR3:13192133	SSF x Far_LoA	-10,0584704	0,091	0,308
CHR3	13192141	CHR3:13192141	SSF x Far_LoA	-8,43999123	0,161	0,294
CHR3	13192149	CHR3:13192149	SSF x Far_LoA	-10,350068	0,041	0,303
CHR3	13192227	CHR3:13192227	SSF x Far_LoA	-9,72662135	-0,091	0,308
CHR3	13192248	CHR3:13192248	SSF x Far_LoA	-10,7726479	0,079	0,306
CHR3	13207652	CHR3:13207652	SSF x Far_LoA	-9,54420464	0,100	0,296
CHR3	13223293	CHR3:13223293	SSF x Far_LoA	-12,2188894	0,021	0,310
CHR3	13248512	CHR3:13248512	SSF x Far_LoA	-11,2882291	-0,053	0,302
CHR3	13273165	CHR3:13273165	SSF x Far_LoA	-9,52678362	0,106	0,297
CHR3	13273252	CHR3:13273252	SSF x Far_LoA	-9,6081329	-0,017	0,295
CHR3	13273315	CHR3:13273315	SSF x Far_LoA	-10,8590239	-0,030	0,305
CHR3	13273321	CHR3:13273321	SSF x Far_LoA	-10,2961132	0,086	0,291
CHR3	13273359	CHR3:13273359	SSF x Far_LoA	-8,71479082	0,035	0,309
CHR3	13273371	CHR3:13273371	SSF x Far_LoA	-7,88252679	0,027	0,308
CHR3	13273477	CHR3:13273477	SSF x Far_LoA	-9,57103939	0,008	0,304
CHR3	13295903	CHR3:13295903	SSF x Far_LoA	-7,8681943	-0,006	0,320
CHR3	13295940	CHR3:13295940	SSF x Far_LoA	-9,35468357	0,005	0,312
CHR3	13295950	CHR3:13295950	SSF x Far_LoA	-8,61927963	-0,004	0,313
CHR3	13323551	CHR3:13323551	SSF x Far_LoA	-11,2748282	0,079	0,295
CHR3	13323554	CHR3:13323554	SSF x Far_LoA	-4,89880128	0,065	0,317
CHR3	13331101	CHR3:13331101	SSF x Far_LoA	-4,47997738	-0,165	0,298
CHR3	13331195	CHR3:13331195	SSF x Far_LoA	-6,93860257	0,017	0,305
CHR3	13331200	CHR3:13331200	SSF x Far_LoA	-9,30676451	-0,010	0,293
CHR3	13331217	CHR3:13331217	SSF x Far_LoA	-9,71557715	-0,126	0,306
CHR3	13331256	CHR3:13331256	SSF x Far_LoA	-8,26078949	0,048	0,302
CHR3	13335724	CHR3:13335724	SSF x Far_LoA	-9,16053391	0,154	0,307
CHR3	13338076	CHR3:13338076	SSF x Far_LoA	-6,10432254	0,126	0,298
CHR3	13338165	CHR3:13338165	SSF x Far_LoA	-10,6089268	-0,004	0,301
CHR3	13338247	CHR3:13338247	SSF x Far_LoA	-8,24654995	0,144	0,291
CHR3	13338264	CHR3:13338264	SSF x Far_LoA	-9,36732776	0,134	0,293
CHR3	13340638	CHR3:13340638	SSF x Far_LoA	-6,298173	0,135	0,304
CHR3	13340643	CHR3:13340643	SSF x Far_LoA	-8,99783004	0,152	0,290
CHR3	13340675	CHR3:13340675	SSF x Far_LoA	-3,46838824	0,173	0,285
CHR3	13346150	CHR3:13346150	SSF x Far_LoA	-8,53247723	0,035	0,325
CHR3	13346165	CHR3:13346165	SSF x Far_LoA	-5,94256874	-0,205	0,308
CHR3	13346167	CHR3:13346167	SSF x Far_LoA	-8,11720244	0,003	0,320
CHR3	13346185	CHR3:13346185	SSF x Far_LoA	-8,02298694	0,147	0,296
CHR3	13346186	CHR3:13346186	SSF x Far_LoA	-7,12538129	-0,004	0,311
CHR3	13346187	CHR3:13346187	SSF x Far_LoA	-5,04327856	-0,006	0,312
CHR3	13346208	CHR3:13346208	SSF x Far_LoA	-9,03256863	-0,004	0,308
CHR3	13346219	CHR3:13346219	SSF x Far_LoA	-8,33157439	0,071	0,309
CHR3	13346833	CHR3:13346833	SSF x Far_LoA	-6,11846514	0,150	0,301
CHR3	13346842	CHR3:13346842	SSF x Far_LoA	-8,63719652	0,147	0,292
CHR3	13346848	CHR3:13346848	SSF x Far_LoA	-6,37418637	0,173	0,296

CHR3	13357058	CHR3:13357058	SSF x Far_LoA	-11,2080661	-0,065	0,305
CHR3	13357068	CHR3:13357068	SSF x Far_LoA	-9,14834267	-0,061	0,312
CHR3	13357122	CHR3:13357122	SSF x Far_LoA	-9,53289116	-0,061	0,313
CHR3	13357906	CHR3:13357906	SSF x Far_LoA	-10,1769498	-0,027	0,296
CHR3	13357983	CHR3:13357983	SSF x Far_LoA	-9,58407821	-0,093	0,295
CHR3	13359409	CHR3:13359409	SSF x Far_LoA	-7,86508299	0,191	0,293
CHR3	13366263	CHR3:13366263	SSF x Far_LoA	-9,58900872	-0,017	0,300
CHR3	13366370	CHR3:13366370	SSF x Far_LoA	-10,353672	0,055	0,322
CHR3	13366385	CHR3:13366385	SSF x Far_LoA	-9,89318163	0,036	0,304
CHR3	13402080	CHR3:13402080	SSF x Far_LoA	-9,22598516	-0,025	0,311
CHR3	13413478	CHR3:13413478	SSF x Far_LoA	-9,4445375	0,009	0,317
CHR3	13416148	CHR3:13416148	SSF x Far_LoA	-11,2067829	0,030	0,300
CHR3	13416192	CHR3:13416192	SSF x Far_LoA	-9,82604215	-0,025	0,307
CHR3	13416253	CHR3:13416253	SSF x Far_LoA	-9,49915155	-0,054	0,312
CHR3	13416281	CHR3:13416281	SSF x Far_LoA	-11,2671009	0,051	0,310
CHR3	13416309	CHR3:13416309	SSF x Far_LoA	-8,2392758	-0,111	0,289
CHR3	13428510	CHR3:13428510	SSF x Far_LoA	-11,6790912	-0,037	0,302
CHR3	13428511	CHR3:13428511	SSF x Far_LoA	-9,05235851	-0,098	0,302
CHR3	13428569	CHR3:13428569	SSF x Far_LoA	-2,53875753	-0,129	0,305
CHR3	13428570	CHR3:13428570	SSF x Far_LoA	-9,38346257	-0,012	0,307
CHR3	13428613	CHR3:13428613	SSF x Far_LoA	-10,4451175	-0,064	0,310
CHR3	13428897	CHR3:13428897	SSF x Far_LoA	-8,00568465	-0,037	0,318
CHR3	13428917	CHR3:13428917	SSF x Far_LoA	-7,56802081	0,034	0,311
CHR3	13428973	CHR3:13428973	SSF x Far_LoA	-9,57184965	-0,033	0,322
CHR3	13432338	CHR3:13432338	SSF x Far_LoA	-7,19753229	-0,135	0,313
CHR3	13432394	CHR3:13432394	SSF x Far_LoA	-8,07879118	-0,142	0,312
CHR3	13432454	CHR3:13432454	SSF x Far_LoA	-8,9541932	-0,048	0,306
CHR3	13432492	CHR3:13432492	SSF x Far_LoA	-7,79784654	-0,096	0,309
CHR3	13432549	CHR3:13432549	SSF x Far_LoA	-5,22221084	0,148	0,302
CHR3	13432552	CHR3:13432552	SSF x Far_LoA	-7,94390817	0,102	0,319
CHR3	13433899	CHR3:13433899	SSF x Far_LoA	-9,60442435	-0,051	0,316
CHR3	13433950	CHR3:13433950	SSF x Far_LoA	-10,8717553	0,100	0,303
CHR3	1344743	CHR3:1344743	SSF x Far_LoA	-12,0028611	0,021	0,301
CHR3	1344768	CHR3:1344768	SSF x Far_LoA	-10,2562226	-0,012	0,292
CHR3	13447742	CHR3:13447742	SSF x Far_LoA	-10,3285496	0,050	0,317
CHR3	13447761	CHR3:13447761	SSF x Far_LoA	-11,4944443	0,030	0,311
CHR3	13447795	CHR3:13447795	SSF x Far_LoA	-8,80543966	-0,006	0,311
CHR3	13447814	CHR3:13447814	SSF x Far_LoA	-5,67165597	-0,058	0,307
CHR3	1344803	CHR3:1344803	SSF x Far_LoA	-10,0592696	0,086	0,303
CHR3	13457597	CHR3:13457597	SSF x Far_LoA	-10,8468207	-0,031	0,311
CHR3	13457665	CHR3:13457665	SSF x Far_LoA	-11,6268537	0,088	0,301
CHR3	13457743	CHR3:13457743	SSF x Far_LoA	-10,4824759	0,038	0,300
CHR3	13457910	CHR3:13457910	SSF x Far_LoA	-8,21395476	-0,140	0,293
CHR3	13457914	CHR3:13457914	SSF x Far_LoA	-9,55928453	-0,025	0,319
CHR3	13457934	CHR3:13457934	SSF x Far_LoA	-9,45886296	-0,050	0,308
CHR3	13457951	CHR3:13457951	SSF x Far_LoA	-10,8934579	0,016	0,308
CHR3	13470161	CHR3:13470161	SSF x Far_LoA	-9,83126995	0,081	0,301
CHR3	13480819	CHR3:13480819	SSF x Far_LoA	-7,00426521	-0,170	0,294
CHR3	13481013	CHR3:13481013	SSF x Far_LoA	-7,66287567	-0,057	0,316
CHR3	13481017	CHR3:13481017	SSF x Far_LoA	-11,1276681	0,000	0,309
CHR3	13481026	CHR3:13481026	SSF x Far_LoA	-10,9910065	-0,043	0,320
CHR3	13481078	CHR3:13481078	SSF x Far_LoA	-8,41015654	0,082	0,301
CHR3	13483845	CHR3:13483845	SSF x Far_LoA	-8,13605872	0,155	0,291

CHR3	13483897	CHR3:13483897	SSF x Far_LoA	-7,10623077	0,073	0,314
CHR3	13483906	CHR3:13483906	SSF x Far_LoA	-9,82523391	0,025	0,313
CHR3	13483907	CHR3:13483907	SSF x Far_LoA	-4,64467277	0,058	0,304
CHR3	13483940	CHR3:13483940	SSF x Far_LoA	-11,0505899	0,059	0,303
CHR3	13483994	CHR3:13483994	SSF x Far_LoA	-6,81498968	0,206	0,300
CHR3	13483998	CHR3:13483998	SSF x Far_LoA	-5,04231013	0,198	0,286
CHR3	13484020	CHR3:13484020	SSF x Far_LoA	-11,1149164	0,059	0,297
CHR3	13487039	CHR3:13487039	SSF x Far_LoA	-11,4950743	-0,040	0,301
CHR3	13487107	CHR3:13487107	SSF x Far_LoA	-6,37407363	-0,060	0,307
CHR3	13487142	CHR3:13487142	SSF x Far_LoA	-10,9833151	-0,060	0,314
CHR3	13487186	CHR3:13487186	SSF x Far_LoA	-7,65603008	0,069	0,308
CHR3	13487204	CHR3:13487204	SSF x Far_LoA	-10,6666855	0,006	0,295
CHR3	13494297	CHR3:13494297	SSF x Far_LoA	1,79139505	-0,181	0,304
CHR3	13494346	CHR3:13494346	SSF x Far_LoA	-9,05878762	-0,034	0,300
CHR3	13494415	CHR3:13494415	SSF x Far_LoA	-7,38409128	-0,081	0,300
CHR3	13505858	CHR3:13505858	SSF x Far_LoA	-9,47491821	-0,008	0,323
CHR3	13505926	CHR3:13505926	SSF x Far_LoA	-11,2924392	0,028	0,293
CHR3	13505983	CHR3:13505983	SSF x Far_LoA	-10,121415	0,017	0,305
CHR3	13505991	CHR3:13505991	SSF x Far_LoA	-6,48536926	-0,110	0,296
CHR3	13506006	CHR3:13506006	SSF x Far_LoA	-9,32378214	0,050	0,308
CHR3	13517255	CHR3:13517255	SSF x Far_LoA	-9,81433673	0,004	0,295
CHR3	13517310	CHR3:13517310	SSF x Far_LoA	-9,62276645	0,002	0,319
CHR3	13534261	CHR3:13534261	SSF x Far_LoA	-9,31918812	0,078	0,303
CHR3	13537385	CHR3:13537385	SSF x Far_LoA	-9,54993836	0,045	0,309
CHR3	13537419	CHR3:13537419	SSF x Far_LoA	-7,46735189	0,068	0,305
CHR3	13537435	CHR3:13537435	SSF x Far_LoA	-8,07035114	0,057	0,304
CHR3	13537461	CHR3:13537461	SSF x Far_LoA	-8,56307266	-0,033	0,311
CHR3	13550865	CHR3:13550865	SSF x Far_LoA	-7,31321779	-0,026	0,308
CHR3	13553104	CHR3:13553104	SSF x Far_LoA	-6,75411929	-0,012	0,320
CHR3	13567907	CHR3:13567907	SSF x Far_LoA	-9,0334011	-0,022	0,292
CHR3	13568198	CHR3:13568198	SSF x Far_LoA	-10,7769691	-0,032	0,315
CHR3	13570917	CHR3:13570917	SSF x Far_LoA	-11,1788955	0,068	0,307
CHR3	13576363	CHR3:13576363	SSF x Far_LoA	-8,5635641	0,001	0,293
CHR3	13576366	CHR3:13576366	SSF x Far_LoA	-3,72862409	0,015	0,292
CHR3	13586616	CHR3:13586616	SSF x Far_LoA	-8,44358571	0,021	0,300
CHR3	13586641	CHR3:13586641	SSF x Far_LoA	-8,18073269	0,058	0,309
CHR3	13586669	CHR3:13586669	SSF x Far_LoA	-2,48172522	0,059	0,318
CHR3	13586679	CHR3:13586679	SSF x Far_LoA	-8,65197367	0,007	0,307
CHR3	13586704	CHR3:13586704	SSF x Far_LoA	-9,41523372	-0,006	0,302
CHR3	13586712	CHR3:13586712	SSF x Far_LoA	-7,98349327	0,046	0,311
CHR3	13588720	CHR3:13588720	SSF x Far_LoA	-10,04963	0,050	0,312
CHR3	13599738	CHR3:13599738	SSF x Far_LoA	-2,28111965	-0,218	0,306
CHR3	13599772	CHR3:13599772	SSF x Far_LoA	-8,92779518	-0,129	0,301
CHR3	13599779	CHR3:13599779	SSF x Far_LoA	-9,66279925	0,053	0,315
CHR3	13599810	CHR3:13599810	SSF x Far_LoA	-8,05164184	-0,093	0,305
CHR3	13605399	CHR3:13605399	SSF x Far_LoA	-8,38982077	0,002	0,298
CHR3	13605491	CHR3:13605491	SSF x Far_LoA	-7,66934173	-0,136	0,299
CHR3	13605499	CHR3:13605499	SSF x Far_LoA	-5,47669549	0,031	0,318
CHR3	13605701	CHR3:13605701	SSF x Far_LoA	-11,0980811	0,062	0,299
CHR3	13623730	CHR3:13623730	SSF x Far_LoA	-9,4705498	0,042	0,309
CHR3	13623749	CHR3:13623749	SSF x Far_LoA	-9,99624785	0,083	0,302
CHR3	13623772	CHR3:13623772	SSF x Far_LoA	-9,77126349	-0,066	0,301
CHR3	13623808	CHR3:13623808	SSF x Far_LoA	-9,46897424	0,075	0,297

CHR3	13623829	CHR3:13623829	SSF x Far_LoA	-11,7491576	0,002	0,296
CHR3	13623854	CHR3:13623854	SSF x Far_LoA	-7,31700841	-0,095	0,300
CHR3	13623856	CHR3:13623856	SSF x Far_LoA	-9,64270351	0,091	0,302
CHR3	13626187	CHR3:13626187	SSF x Far_LoA	-9,3140957	-0,047	0,298
CHR3	13626189	CHR3:13626189	SSF x Far_LoA	-6,93512788	-0,011	0,312
CHR3	13626264	CHR3:13626264	SSF x Far_LoA	-5,05433347	-0,042	0,318
CHR3	13626267	CHR3:13626267	SSF x Far_LoA	-6,70839081	-0,010	0,303
CHR3	13626272	CHR3:13626272	SSF x Far_LoA	-10,2889716	-0,098	0,308
CHR3	13626407	CHR3:13626407	SSF x Far_LoA	-10,4781374	-0,038	0,309
CHR3	13626417	CHR3:13626417	SSF x Far_LoA	-8,32000923	0,162	0,285
CHR3	13629366	CHR3:13629366	SSF x Far_LoA	-10,7965488	0,048	0,320
CHR3	13629416	CHR3:13629416	SSF x Far_LoA	-7,93812864	-0,115	0,311
CHR3	13629427	CHR3:13629427	SSF x Far_LoA	-9,38377185	-0,077	0,308
CHR3	13629443	CHR3:13629443	SSF x Far_LoA	-9,43525825	-0,062	0,309
CHR3	13629451	CHR3:13629451	SSF x Far_LoA	-9,60088479	-0,066	0,307
CHR3	13629542	CHR3:13629542	SSF x Far_LoA	-6,24989865	0,075	0,317
CHR3	13629582	CHR3:13629582	SSF x Far_LoA	-8,88288861	-0,028	0,312
CHR3	13629609	CHR3:13629609	SSF x Far_LoA	-8,09225079	-0,097	0,304
CHR3	13634152	CHR3:13634152	SSF x Far_LoA	-11,8583237	-0,025	0,316
CHR3	13634179	CHR3:13634179	SSF x Far_LoA	-11,0170375	0,002	0,313
CHR3	13634229	CHR3:13634229	SSF x Far_LoA	-7,66905411	0,061	0,311
CHR3	13634240	CHR3:13634240	SSF x Far_LoA	-7,08342891	-0,077	0,316
CHR3	13634261	CHR3:13634261	SSF x Far_LoA	-8,31110776	0,114	0,312
CHR3	13652603	CHR3:13652603	SSF x Far_LoA	-8,82611198	-0,116	0,307
CHR3	13652655	CHR3:13652655	SSF x Far_LoA	-9,96942955	0,005	0,305
CHR3	13652722	CHR3:13652722	SSF x Far_LoA	-5,38072358	0,095	0,314
CHR3	13652747	CHR3:13652747	SSF x Far_LoA	-9,96928454	0,081	0,303
CHR3	1365391	CHR3:1365391	SSF x Far_LoA	-4,84315527	-0,139	0,303
CHR3	1365492	CHR3:1365492	SSF x Far_LoA	-8,19520876	-0,126	0,305
CHR3	1365534	CHR3:1365534	SSF x Far_LoA	-9,17576425	0,033	0,302
CHR3	1365589	CHR3:1365589	SSF x Far_LoA	-7,37095199	-0,116	0,302
CHR3	1365657	CHR3:1365657	SSF x Far_LoA	-10,3886864	-0,048	0,324
CHR3	1365701	CHR3:1365701	SSF x Far_LoA	-6,83528889	0,162	0,304
CHR3	13659280	CHR3:13659280	SSF x Far_LoA	-11,5878917	0,006	0,322
CHR3	13659286	CHR3:13659286	SSF x Far_LoA	-11,2600796	0,046	0,294
CHR3	13659460	CHR3:13659460	SSF x Far_LoA	-9,33837475	-0,111	0,304
CHR3	13659482	CHR3:13659482	SSF x Far_LoA	-8,01056617	-0,107	0,297
CHR3	13659493	CHR3:13659493	SSF x Far_LoA	-9,25827476	-0,074	0,294
CHR3	13659496	CHR3:13659496	SSF x Far_LoA	-9,99183114	0,103	0,291
CHR3	13659497	CHR3:13659497	SSF x Far_LoA	-7,75006729	-0,119	0,313
CHR3	13659516	CHR3:13659516	SSF x Far_LoA	-8,58033437	0,082	0,300
CHR3	13659520	CHR3:13659520	SSF x Far_LoA	-10,0389807	0,019	0,306
CHR3	13659535	CHR3:13659535	SSF x Far_LoA	-9,44369181	-0,056	0,307
CHR3	13659540	CHR3:13659540	SSF x Far_LoA	-7,67825394	-0,070	0,306
CHR3	13659545	CHR3:13659545	SSF x Far_LoA	-10,2366958	0,022	0,309
CHR3	13662320	CHR3:13662320	SSF x Far_LoA	-9,81928143	-0,037	0,294
CHR3	13662581	CHR3:13662581	SSF x Far_LoA	-10,5801982	-0,002	0,311
CHR3	1366612	CHR3:1366612	SSF x Far_LoA	-10,6278838	-0,010	0,304
CHR3	13670525	CHR3:13670525	SSF x Far_LoA	-6,51226765	0,107	0,322
CHR3	13670535	CHR3:13670535	SSF x Far_LoA	-7,01345438	0,080	0,312
CHR3	13670682	CHR3:13670682	SSF x Far_LoA	-8,46370977	0,092	0,309
CHR3	13670715	CHR3:13670715	SSF x Far_LoA	-8,31448313	-0,083	0,286
CHR3	13670734	CHR3:13670734	SSF x Far_LoA	-11,2073205	-0,061	0,305

CHR3	13680669	CHR3:13680669	SSF x Far_LoA	-11,5073888	-0,026	0,323
CHR3	13684940	CHR3:13684940	SSF x Far_LoA	-7,35038073	-0,103	0,314
CHR3	13684946	CHR3:13684946	SSF x Far_LoA	-7,78478192	-0,131	0,306
CHR3	13684976	CHR3:13684976	SSF x Far_LoA	-9,67952533	0,038	0,287
CHR3	1368649	CHR3:1368649	SSF x Far_LoA	-8,66785929	0,083	0,317
CHR3	13686940	CHR3:13686940	SSF x Far_LoA	-11,1675256	-0,061	0,292
CHR3	13688740	CHR3:13688740	SSF x Far_LoA	-11,5637153	0,016	0,300
CHR3	13688800	CHR3:13688800	SSF x Far_LoA	-9,79825799	0,058	0,310
CHR3	13699364	CHR3:13699364	SSF x Far_LoA	-11,2876745	-0,016	0,314
CHR3	13716804	CHR3:13716804	SSF x Far_LoA	-8,49552877	0,113	0,303
CHR3	13722193	CHR3:13722193	SSF x Far_LoA	-6,42907424	0,192	0,293
CHR3	13722250	CHR3:13722250	SSF x Far_LoA	-6,54293003	0,156	0,288
CHR3	13722341	CHR3:13722341	SSF x Far_LoA	-7,76824206	0,138	0,299
CHR3	13722437	CHR3:13722437	SSF x Far_LoA	-9,60214924	0,134	0,303
CHR3	13725416	CHR3:13725416	SSF x Far_LoA	-10,4588672	0,103	0,300
CHR3	13725421	CHR3:13725421	SSF x Far_LoA	-11,6354361	0,090	0,296
CHR3	13725458	CHR3:13725458	SSF x Far_LoA	-8,58194749	0,064	0,305
CHR3	13725465	CHR3:13725465	SSF x Far_LoA	-8,26667177	0,038	0,303
CHR3	13725470	CHR3:13725470	SSF x Far_LoA	-10,015526	-0,026	0,303
CHR3	13725501	CHR3:13725501	SSF x Far_LoA	-6,77170927	-0,013	0,317
CHR3	13725524	CHR3:13725524	SSF x Far_LoA	-9,67524692	0,030	0,319
CHR3	13725586	CHR3:13725586	SSF x Far_LoA	-3,98720272	-0,006	0,310
CHR3	13725594	CHR3:13725594	SSF x Far_LoA	-9,45109128	-0,027	0,303
CHR3	13725609	CHR3:13725609	SSF x Far_LoA	-9,34486853	0,010	0,308
CHR3	13725627	CHR3:13725627	SSF x Far_LoA	-8,30550001	-0,044	0,319
CHR3	13725628	CHR3:13725628	SSF x Far_LoA	-6,73590858	-0,191	0,289
CHR3	13756200	CHR3:13756200	SSF x Far_LoA	-4,63087366	-0,024	0,310
CHR3	13756310	CHR3:13756310	SSF x Far_LoA	-8,37687754	-0,094	0,312
CHR3	13756355	CHR3:13756355	SSF x Far_LoA	-10,2550922	-0,020	0,297
CHR3	13756391	CHR3:13756391	SSF x Far_LoA	-8,76576169	0,003	0,294
CHR3	13763753	CHR3:13763753	SSF x Far_LoA	-10,3897206	-0,082	0,292
CHR3	13772916	CHR3:13772916	SSF x Far_LoA	-9,30860273	0,071	0,303
CHR3	13772931	CHR3:13772931	SSF x Far_LoA	-10,2702558	0,019	0,300
CHR3	13772934	CHR3:13772934	SSF x Far_LoA	-8,27256585	0,051	0,313
CHR3	13772948	CHR3:13772948	SSF x Far_LoA	-9,03675301	-0,062	0,284
CHR3	13772965	CHR3:13772965	SSF x Far_LoA	-12,4797703	-0,049	0,302
CHR3	13772996	CHR3:13772996	SSF x Far_LoA	-10,2750344	-0,029	0,310
CHR3	13773001	CHR3:13773001	SSF x Far_LoA	-7,01339165	-0,143	0,306
CHR3	13773006	CHR3:13773006	SSF x Far_LoA	-7,57069823	0,082	0,303
CHR3	13774347	CHR3:13774347	SSF x Far_LoA	-4,84280836	0,001	0,312
CHR3	13774368	CHR3:13774368	SSF x Far_LoA	-8,6491917	-0,005	0,322
CHR3	13774375	CHR3:13774375	SSF x Far_LoA	-9,40250976	-0,027	0,305
CHR3	13774408	CHR3:13774408	SSF x Far_LoA	-11,5645292	-0,004	0,292
CHR3	13774431	CHR3:13774431	SSF x Far_LoA	-9,03281671	-0,021	0,309
CHR3	13774476	CHR3:13774476	SSF x Far_LoA	-10,7422729	-0,089	0,307
CHR3	13778488	CHR3:13778488	SSF x Far_LoA	-9,5134354	0,026	0,313
CHR3	13778494	CHR3:13778494	SSF x Far_LoA	-10,6319915	0,127	0,292
CHR3	13778498	CHR3:13778498	SSF x Far_LoA	-10,3720391	-0,065	0,320
CHR3	13778502	CHR3:13778502	SSF x Far_LoA	-9,12178203	0,028	0,294
CHR3	13778598	CHR3:13778598	SSF x Far_LoA	-8,87636495	-0,051	0,304
CHR3	13778679	CHR3:13778679	SSF x Far_LoA	-9,4119885	-0,071	0,304
CHR3	13781747	CHR3:13781747	SSF x Far_LoA	-11,3004585	-0,036	0,299
CHR3	13781827	CHR3:13781827	SSF x Far_LoA	-9,78983221	0,090	0,318

CHR3	13786018	CHR3:13786018	SSF x Far_LoA	-10,0510785	0,018	0,318
CHR3	13786880	CHR3:13786880	SSF x Far_LoA	-10,3435624	-0,110	0,308
CHR3	13786898	CHR3:13786898	SSF x Far_LoA	-10,8573577	0,041	0,303
CHR3	13786928	CHR3:13786928	SSF x Far_LoA	-6,17191543	-0,120	0,295
CHR3	13786978	CHR3:13786978	SSF x Far_LoA	-8,87701234	0,013	0,296
CHR3	13796341	CHR3:13796341	SSF x Far_LoA	-4,58758905	0,070	0,305
CHR3	13805621	CHR3:13805621	SSF x Far_LoA	-11,5721862	0,031	0,302
CHR3	13808444	CHR3:13808444	SSF x Far_LoA	-9,1848167	-0,047	0,293
CHR3	13808446	CHR3:13808446	SSF x Far_LoA	-9,27232047	-0,036	0,296
CHR3	13808450	CHR3:13808450	SSF x Far_LoA	-8,88676087	-0,032	0,306
CHR3	13808452	CHR3:13808452	SSF x Far_LoA	-6,58287696	-0,026	0,292
CHR3	13808467	CHR3:13808467	SSF x Far_LoA	-9,30996072	-0,037	0,293
CHR3	13808487	CHR3:13808487	SSF x Far_LoA	-9,25356418	-0,071	0,289
CHR3	13808527	CHR3:13808527	SSF x Far_LoA	-11,219033	0,008	0,303
CHR3	13821450	CHR3:13821450	SSF x Far_LoA	-5,57970105	-0,062	0,296
CHR3	13821472	CHR3:13821472	SSF x Far_LoA	-5,9881468	0,072	0,314
CHR3	13821477	CHR3:13821477	SSF x Far_LoA	-10,1923283	0,058	0,311
CHR3	13821497	CHR3:13821497	SSF x Far_LoA	-10,1749189	0,029	0,314
CHR3	13821559	CHR3:13821559	SSF x Far_LoA	-8,32031599	0,141	0,300
CHR3	13824854	CHR3:13824854	SSF x Far_LoA	-12,1766688	0,021	0,312
CHR3	13824937	CHR3:13824937	SSF x Far_LoA	-9,07836899	-0,057	0,311
CHR3	13824940	CHR3:13824940	SSF x Far_LoA	-10,3725252	-0,003	0,314
CHR3	13831712	CHR3:13831712	SSF x Far_LoA	-11,7414109	0,038	0,297
CHR3	13831759	CHR3:13831759	SSF x Far_LoA	-9,63943321	-0,112	0,317
CHR3	13831804	CHR3:13831804	SSF x Far_LoA	-8,78841339	-0,004	0,311
CHR3	13831829	CHR3:13831829	SSF x Far_LoA	-11,4336267	-0,028	0,288
CHR3	13831884	CHR3:13831884	SSF x Far_LoA	-12,5100039	-0,095	0,288
CHR3	13831894	CHR3:13831894	SSF x Far_LoA	-10,0615129	0,002	0,311
CHR3	13832020	CHR3:13832020	SSF x Far_LoA	-11,4808473	-0,043	0,313
CHR3	13840009	CHR3:13840009	SSF x Far_LoA	-0,87442857	0,155	0,303
CHR3	13848471	CHR3:13848471	SSF x Far_LoA	-8,67569452	0,076	0,318
CHR3	13850676	CHR3:13850676	SSF x Far_LoA	-10,5671278	-0,035	0,294
CHR3	13850682	CHR3:13850682	SSF x Far_LoA	-9,20841293	-0,058	0,325
CHR3	13850745	CHR3:13850745	SSF x Far_LoA	-7,71209837	0,065	0,308
CHR3	13860325	CHR3:13860325	SSF x Far_LoA	-8,69007777	-0,158	0,302
CHR3	13860366	CHR3:13860366	SSF x Far_LoA	-11,8076341	0,010	0,311
CHR3	13860398	CHR3:13860398	SSF x Far_LoA	-9,04448744	-0,072	0,302
CHR3	13864015	CHR3:13864015	SSF x Far_LoA	-8,93257668	-0,042	0,300
CHR3	13864016	CHR3:13864016	SSF x Far_LoA	-9,48400656	-0,034	0,294
CHR3	13864019	CHR3:13864019	SSF x Far_LoA	-9,94845144	-0,060	0,302
CHR3	13864044	CHR3:13864044	SSF x Far_LoA	-7,54398531	0,059	0,326
CHR3	13864079	CHR3:13864079	SSF x Far_LoA	-11,2447584	0,186	0,289
CHR3	13864081	CHR3:13864081	SSF x Far_LoA	-9,05199897	-0,067	0,303
CHR3	13864124	CHR3:13864124	SSF x Far_LoA	-11,1589861	0,002	0,305
CHR3	13864204	CHR3:13864204	SSF x Far_LoA	-8,53560823	0,108	0,306
CHR3	13864264	CHR3:13864264	SSF x Far_LoA	-8,76889613	-0,028	0,314
CHR3	13865562	CHR3:13865562	SSF x Far_LoA	-7,46482108	-0,125	0,315
CHR3	13865587	CHR3:13865587	SSF x Far_LoA	-8,60843498	0,143	0,293
CHR3	13865595	CHR3:13865595	SSF x Far_LoA	-9,56429702	-0,001	0,313
CHR3	13871137	CHR3:13871137	SSF x Far_LoA	-9,89369728	0,071	0,310
CHR3	1389719	CHR3:1389719	SSF x Far_LoA	-8,33318966	-0,040	0,301
CHR3	13907447	CHR3:13907447	SSF x Far_LoA	-9,35481828	0,130	0,296
CHR3	13908695	CHR3:13908695	SSF x Far_LoA	-9,60771417	-0,059	0,304

CHR3	13908802	CHR3:13908802	SSF x Far_LoA	-8,75456438	-0,003	0,305
CHR3	13910766	CHR3:13910766	SSF x Far_LoA	-5,75803299	-0,041	0,301
CHR3	13910809	CHR3:13910809	SSF x Far_LoA	-1,74550643	0,201	0,281
CHR3	13910859	CHR3:13910859	SSF x Far_LoA	-11,3460957	-0,013	0,315
CHR3	13911821	CHR3:13911821	SSF x Far_LoA	-10,9911862	-0,039	0,306
CHR3	13917560	CHR3:13917560	SSF x Far_LoA	-7,00992438	-0,134	0,310
CHR3	13917565	CHR3:13917565	SSF x Far_LoA	-11,9386061	-0,026	0,305
CHR3	13917570	CHR3:13917570	SSF x Far_LoA	-9,99931243	0,070	0,303
CHR3	13917578	CHR3:13917578	SSF x Far_LoA	-3,00950539	0,101	0,297
CHR3	13917706	CHR3:13917706	SSF x Far_LoA	-3,61151968	0,260	0,293
CHR3	1393004	CHR3:1393004	SSF x Far_LoA	-7,46791784	0,200	0,282
CHR3	1393241	CHR3:1393241	SSF x Far_LoA	-9,89702721	0,072	0,307
CHR3	13937528	CHR3:13937528	SSF x Far_LoA	-8,61289514	-0,130	0,315
CHR3	13938710	CHR3:13938710	SSF x Far_LoA	-9,38457308	0,010	0,304
CHR3	13938724	CHR3:13938724	SSF x Far_LoA	-9,41255586	0,008	0,296
CHR3	13938727	CHR3:13938727	SSF x Far_LoA	-10,8380625	-0,007	0,305
CHR3	13938748	CHR3:13938748	SSF x Far_LoA	-8,94229961	0,057	0,293
CHR3	13952030	CHR3:13952030	SSF x Far_LoA	-6,5302794	-0,038	0,300
CHR3	13952034	CHR3:13952034	SSF x Far_LoA	-8,89712746	-0,028	0,289
CHR3	13952121	CHR3:13952121	SSF x Far_LoA	-2,64238636	0,012	0,303
CHR3	13952867	CHR3:13952867	SSF x Far_LoA	-9,69665067	0,154	0,293
CHR3	1395837	CHR3:1395837	SSF x Far_LoA	-7,32615482	0,092	0,315
CHR3	1395848	CHR3:1395848	SSF x Far_LoA	-10,0482497	-0,041	0,316
CHR3	1395912	CHR3:1395912	SSF x Far_LoA	-10,0930118	-0,082	0,309
CHR3	13959329	CHR3:13959329	SSF x Far_LoA	-8,47181379	0,106	0,307
CHR3	13959521	CHR3:13959521	SSF x Far_LoA	-9,11357741	-0,120	0,291
CHR3	13959563	CHR3:13959563	SSF x Far_LoA	-11,2745792	0,042	0,316
CHR3	13959579	CHR3:13959579	SSF x Far_LoA	-9,2684358	0,012	0,312
CHR3	13962747	CHR3:13962747	SSF x Far_LoA	-8,22921511	0,136	0,296
CHR3	13962910	CHR3:13962910	SSF x Far_LoA	-10,2380284	0,032	0,309
CHR3	13962951	CHR3:13962951	SSF x Far_LoA	-8,63632226	0,088	0,303
CHR3	13964826	CHR3:13964826	SSF x Far_LoA	-6,85584484	-0,147	0,293
CHR3	13964978	CHR3:13964978	SSF x Far_LoA	-7,41018043	-0,110	0,320
CHR3	13968664	CHR3:13968664	SSF x Far_LoA	-9,10928743	0,072	0,304
CHR3	13968669	CHR3:13968669	SSF x Far_LoA	-9,09636252	0,056	0,305
CHR3	13968766	CHR3:13968766	SSF x Far_LoA	-7,48942598	0,010	0,313
CHR3	13971204	CHR3:13971204	SSF x Far_LoA	-10,3097407	0,100	0,299
CHR3	13987743	CHR3:13987743	SSF x Far_LoA	-8,57573987	0,070	0,290
CHR3	13987818	CHR3:13987818	SSF x Far_LoA	-8,65821395	-0,005	0,306
CHR3	13987840	CHR3:13987840	SSF x Far_LoA	-6,87526615	-0,037	0,322
CHR3	13987842	CHR3:13987842	SSF x Far_LoA	-9,15103631	-0,042	0,311
CHR3	13987959	CHR3:13987959	SSF x Far_LoA	-6,34178576	0,029	0,304
CHR3	13987974	CHR3:13987974	SSF x Far_LoA	-9,88972288	0,045	0,299
CHR3	13987981	CHR3:13987981	SSF x Far_LoA	-10,4165265	0,046	0,304
CHR3	13987986	CHR3:13987986	SSF x Far_LoA	-9,95899253	-0,004	0,315
CHR3	13988001	CHR3:13988001	SSF x Far_LoA	-10,4844788	-0,008	0,309
CHR3	13988032	CHR3:13988032	SSF x Far_LoA	-10,8429933	0,019	0,309
CHR3	13991521	CHR3:13991521	SSF x Far_LoA	-11,8448864	-0,010	0,289
CHR3	13991791	CHR3:13991791	SSF x Far_LoA	-9,05310847	0,084	0,295
CHR3	13997847	CHR3:13997847	SSF x Far_LoA	-9,04675434	-0,127	0,307
CHR3	13997938	CHR3:13997938	SSF x Far_LoA	-10,0294738	-0,109	0,296
CHR3	14005328	CHR3:14005328	SSF x Far_LoA	-10,8382109	0,019	0,297
CHR3	14005386	CHR3:14005386	SSF x Far_LoA	-8,74156406	0,037	0,304

CHR3	14005403	CHR3:14005403	SSF x Far_LoA	-10,9793408	-0,012	0,305
CHR3	14006360	CHR3:14006360	SSF x Far_LoA	-7,8005071	-0,054	0,300
CHR3	14006461	CHR3:14006461	SSF x Far_LoA	-9,69234852	0,002	0,300
CHR3	14006468	CHR3:14006468	SSF x Far_LoA	-10,8774975	-0,105	0,307
CHR3	14020870	CHR3:14020870	SSF x Far_LoA	-7,6238968	-0,097	0,317
CHR3	14020943	CHR3:14020943	SSF x Far_LoA	-8,53029368	0,073	0,295
CHR3	14020954	CHR3:14020954	SSF x Far_LoA	-7,71835029	0,126	0,310
CHR3	14021081	CHR3:14021081	SSF x Far_LoA	-5,8705817	0,099	0,308
CHR3	14025565	CHR3:14025565	SSF x Far_LoA	-10,3315734	-0,033	0,307
CHR3	14025659	CHR3:14025659	SSF x Far_LoA	-10,1761776	0,096	0,308
CHR3	14028459	CHR3:14028459	SSF x Far_LoA	-6,79965315	-0,152	0,286
CHR3	14028515	CHR3:14028515	SSF x Far_LoA	8,89334606	-0,155	0,321
CHR3	14028538	CHR3:14028538	SSF x Far_LoA	-10,0583284	-0,034	0,323
CHR3	14028562	CHR3:14028562	SSF x Far_LoA	-7,73392109	0,092	0,309
CHR3	14028566	CHR3:14028566	SSF x Far_LoA	-8,92063096	0,100	0,298
CHR3	14028593	CHR3:14028593	SSF x Far_LoA	-7,99690608	-0,138	0,294
CHR3	14042282	CHR3:14042282	SSF x Far_LoA	-10,7670218	-0,132	0,298
CHR3	14042287	CHR3:14042287	SSF x Far_LoA	-9,20094041	-0,045	0,302
CHR3	14042352	CHR3:14042352	SSF x Far_LoA	-5,05830289	0,066	0,314
CHR3	14042355	CHR3:14042355	SSF x Far_LoA	-6,37356296	-0,163	0,307
CHR3	14042364	CHR3:14042364	SSF x Far_LoA	-9,46479396	0,083	0,304
CHR3	14042382	CHR3:14042382	SSF x Far_LoA	10,5886997	-0,205	0,296
CHR3	14042392	CHR3:14042392	SSF x Far_LoA	-5,36464918	-0,214	0,306
CHR3	14049721	CHR3:14049721	SSF x Far_LoA	-6,80480725	0,034	0,312
CHR3	14050131	CHR3:14050131	SSF x Far_LoA	-9,2512506	-0,019	0,305
CHR3	14050144	CHR3:14050144	SSF x Far_LoA	-7,26325974	-0,053	0,315
CHR3	14050146	CHR3:14050146	SSF x Far_LoA	-11,0194662	-0,059	0,308
CHR3	14051338	CHR3:14051338	SSF x Far_LoA	-10,1645843	-0,007	0,305
CHR3	14061750	CHR3:14061750	SSF x Far_LoA	-8,36042191	0,096	0,310
CHR3	14065092	CHR3:14065092	SSF x Far_LoA	-9,87759293	0,016	0,306
CHR3	14065155	CHR3:14065155	SSF x Far_LoA	-12,4156627	0,042	0,303
CHR3	14067705	CHR3:14067705	SSF x Far_LoA	-7,54346366	-0,034	0,329
CHR3	14067725	CHR3:14067725	SSF x Far_LoA	-10,2427638	-0,032	0,317
CHR3	14067771	CHR3:14067771	SSF x Far_LoA	-8,49664634	-0,058	0,299
CHR3	14067817	CHR3:14067817	SSF x Far_LoA	-8,36222491	-0,069	0,310
CHR3	14067824	CHR3:14067824	SSF x Far_LoA	-8,9483391	0,112	0,304
CHR3	1407231	CHR3:1407231	SSF x Far_LoA	-9,04695197	-0,009	0,301
CHR3	1408014	CHR3:1408014	SSF x Far_LoA	-10,66259	-0,104	0,312
CHR3	14080893	CHR3:14080893	SSF x Far_LoA	-3,67512992	-0,115	0,295
CHR3	14080926	CHR3:14080926	SSF x Far_LoA	-6,64001608	0,080	0,308
CHR3	14080970	CHR3:14080970	SSF x Far_LoA	-10,4423731	0,039	0,298
CHR3	14080977	CHR3:14080977	SSF x Far_LoA	-9,2804531	-0,103	0,313
CHR3	1408102	CHR3:1408102	SSF x Far_LoA	-11,2039803	0,053	0,311
CHR3	1408112	CHR3:1408112	SSF x Far_LoA	-9,02901246	0,035	0,307
CHR3	14086287	CHR3:14086287	SSF x Far_LoA	-7,36140877	-0,184	0,300
CHR3	14086375	CHR3:14086375	SSF x Far_LoA	-7,74846034	-0,173	0,295
CHR3	14086399	CHR3:14086399	SSF x Far_LoA	-10,8611006	-0,017	0,305
CHR3	14086485	CHR3:14086485	SSF x Far_LoA	-11,5580797	-0,008	0,309
CHR3	14086493	CHR3:14086493	SSF x Far_LoA	-9,60950965	0,023	0,302
CHR3	14086504	CHR3:14086504	SSF x Far_LoA	-10,7206482	-0,034	0,301
CHR3	14088901	CHR3:14088901	SSF x Far_LoA	-8,27442499	-0,083	0,315
CHR3	14088916	CHR3:14088916	SSF x Far_LoA	-8,97062597	0,080	0,312
CHR3	14088934	CHR3:14088934	SSF x Far_LoA	-11,1489906	-0,067	0,317

CHR3	14089623	CHR3:14089623	SSF x Far_LoA	-9,90019785	0,063	0,306
CHR3	14095991	CHR3:14095991	SSF x Far_LoA	-11,3948549	0,077	0,305
CHR3	14097005	CHR3:14097005	SSF x Far_LoA	-9,08931934	0,089	0,314
CHR3	14097836	CHR3:14097836	SSF x Far_LoA	-10,3024967	-0,007	0,299
CHR3	14097889	CHR3:14097889	SSF x Far_LoA	-8,42168882	-0,068	0,298
CHR3	14102707	CHR3:14102707	SSF x Far_LoA	-10,739919	-0,076	0,305
CHR3	14119760	CHR3:14119760	SSF x Far_LoA	-9,00967013	0,066	0,302
CHR3	14119787	CHR3:14119787	SSF x Far_LoA	-7,66965339	0,054	0,305
CHR3	14119818	CHR3:14119818	SSF x Far_LoA	-9,2416727	0,016	0,310
CHR3	14119835	CHR3:14119835	SSF x Far_LoA	-8,85159577	0,075	0,290
CHR3	14119849	CHR3:14119849	SSF x Far_LoA	-8,505552	-0,030	0,296
CHR3	14127156	CHR3:14127156	SSF x Far_LoA	-8,57316899	0,036	0,310
CHR3	14127249	CHR3:14127249	SSF x Far_LoA	-9,75536388	0,021	0,309
CHR3	14127280	CHR3:14127280	SSF x Far_LoA	-8,39321126	-0,122	0,301
CHR3	14127321	CHR3:14127321	SSF x Far_LoA	-12,6566815	-0,023	0,286
CHR3	14127336	CHR3:14127336	SSF x Far_LoA	-9,11249021	0,050	0,303
CHR3	14127377	CHR3:14127377	SSF x Far_LoA	-7,91594119	0,094	0,305
CHR3	14127378	CHR3:14127378	SSF x Far_LoA	-10,2664065	-0,011	0,302
CHR3	14127397	CHR3:14127397	SSF x Far_LoA	-10,3122824	0,015	0,320
CHR3	14128807	CHR3:14128807	SSF x Far_LoA	-9,76903302	-0,020	0,303
CHR3	14128868	CHR3:14128868	SSF x Far_LoA	-9,61701295	-0,037	0,296
CHR3	14128893	CHR3:14128893	SSF x Far_LoA	-8,68997017	0,126	0,300
CHR3	14128897	CHR3:14128897	SSF x Far_LoA	-4,09215458	-0,067	0,312
CHR3	14128966	CHR3:14128966	SSF x Far_LoA	-9,16009024	0,030	0,322
CHR3	14128975	CHR3:14128975	SSF x Far_LoA	-8,4501982	0,036	0,306
CHR3	14135523	CHR3:14135523	SSF x Far_LoA	6,26466967	-0,136	0,315
CHR3	14135668	CHR3:14135668	SSF x Far_LoA	-6,89536719	0,117	0,298
CHR3	14138400	CHR3:14138400	SSF x Far_LoA	-9,57695768	-0,056	0,307
CHR3	14138529	CHR3:14138529	SSF x Far_LoA	-9,26877447	-0,024	0,298
CHR3	14140198	CHR3:14140198	SSF x Far_LoA	-8,76837222	0,021	0,299
CHR3	14146369	CHR3:14146369	SSF x Far_LoA	-9,08345569	-0,132	0,310
CHR3	14146422	CHR3:14146422	SSF x Far_LoA	-5,2690284	-0,047	0,308
CHR3	14146447	CHR3:14146447	SSF x Far_LoA	-10,1985195	0,047	0,300
CHR3	14148013	CHR3:14148013	SSF x Far_LoA	-10,5467422	0,035	0,321
CHR3	14148018	CHR3:14148018	SSF x Far_LoA	-9,82394347	0,124	0,295
CHR3	14166230	CHR3:14166230	SSF x Far_LoA	-9,39128737	-0,010	0,309
CHR3	14166263	CHR3:14166263	SSF x Far_LoA	-10,7060848	0,033	0,300
CHR3	14166304	CHR3:14166304	SSF x Far_LoA	-9,94940468	0,061	0,318
CHR3	14166337	CHR3:14166337	SSF x Far_LoA	-6,7205613	-0,064	0,325
CHR3	14166427	CHR3:14166427	SSF x Far_LoA	-8,66490341	-0,023	0,310
CHR3	14169663	CHR3:14169663	SSF x Far_LoA	-7,45952086	-0,002	0,308
CHR3	14174731	CHR3:14174731	SSF x Far_LoA	-8,23049268	-0,139	0,301
CHR3	14174809	CHR3:14174809	SSF x Far_LoA	-11,6300336	-0,017	0,307
CHR3	14174850	CHR3:14174850	SSF x Far_LoA	-8,09336816	0,180	0,313
CHR3	14174882	CHR3:14174882	SSF x Far_LoA	-7,94443136	-0,055	0,301
CHR3	14174915	CHR3:14174915	SSF x Far_LoA	-11,4700393	0,001	0,297
CHR3	14179742	CHR3:14179742	SSF x Far_LoA	-8,90705662	-0,054	0,302
CHR3	14179800	CHR3:14179800	SSF x Far_LoA	-10,696421	-0,085	0,316
CHR3	14179833	CHR3:14179833	SSF x Far_LoA	-9,29331849	-0,111	0,291
CHR3	14179842	CHR3:14179842	SSF x Far_LoA	-8,4940688	-0,049	0,312
CHR3	14179909	CHR3:14179909	SSF x Far_LoA	-9,25967553	-0,077	0,305
CHR3	14179914	CHR3:14179914	SSF x Far_LoA	-10,6675508	0,008	0,320
CHR3	14179982	CHR3:14179982	SSF x Far_LoA	-11,0100426	0,038	0,309

CHR3	14184627	CHR3:14184627	SSF x Far_LoA	-10,2201678	-0,045	0,311
CHR3	14184713	CHR3:14184713	SSF x Far_LoA	-10,5402083	-0,081	0,296
CHR3	14184725	CHR3:14184725	SSF x Far_LoA	-8,67026164	0,137	0,293
CHR3	14184787	CHR3:14184787	SSF x Far_LoA	-5,79966839	-0,041	0,300
CHR3	14187237	CHR3:14187237	SSF x Far_LoA	-8,55749937	-0,004	0,302
CHR3	14187397	CHR3:14187397	SSF x Far_LoA	-10,8662559	-0,022	0,304
CHR3	14199024	CHR3:14199024	SSF x Far_LoA	-8,34007076	-0,072	0,288
CHR3	14199037	CHR3:14199037	SSF x Far_LoA	-9,02070247	-0,089	0,294
CHR3	14199045	CHR3:14199045	SSF x Far_LoA	-9,68961548	-0,107	0,296
CHR3	14199058	CHR3:14199058	SSF x Far_LoA	-9,68891452	-0,106	0,287
CHR3	14199061	CHR3:14199061	SSF x Far_LoA	-5,19374773	-0,088	0,290
CHR3	14199139	CHR3:14199139	SSF x Far_LoA	-9,44600793	-0,115	0,296
CHR3	14199141	CHR3:14199141	SSF x Far_LoA	-4,47831795	-0,136	0,303
CHR3	14199142	CHR3:14199142	SSF x Far_LoA	-8,8007671	-0,125	0,307
CHR3	14201695	CHR3:14201695	SSF x Far_LoA	-11,0481115	-0,053	0,311
CHR3	14214395	CHR3:14214395	SSF x Far_LoA	-11,6934265	-0,015	0,314
CHR3	14214397	CHR3:14214397	SSF x Far_LoA	-12,5967862	0,031	0,303
CHR3	1422471	CHR3:1422471	SSF x Far_LoA	-8,49883312	0,076	0,296
CHR3	1422491	CHR3:1422491	SSF x Far_LoA	-8,02368623	-0,162	0,301
CHR3	1422538	CHR3:1422538	SSF x Far_LoA	-10,1253328	-0,072	0,307
CHR3	1422635	CHR3:1422635	SSF x Far_LoA	-8,36079906	-0,077	0,317
CHR3	14241558	CHR3:14241558	SSF x Far_LoA	-10,1059429	0,070	0,302
CHR3	1424530	CHR3:1424530	SSF x Far_LoA	-9,61704026	0,086	0,308
CHR3	1424531	CHR3:1424531	SSF x Far_LoA	-7,42682624	0,090	0,303
CHR3	1424607	CHR3:1424607	SSF x Far_LoA	-11,3562539	-0,026	0,322
CHR3	14249553	CHR3:14249553	SSF x Far_LoA	-10,5519245	-0,025	0,310
CHR3	14249702	CHR3:14249702	SSF x Far_LoA	-11,3397089	-0,062	0,309
CHR3	14254788	CHR3:14254788	SSF x Far_LoA	-6,9175911	-0,123	0,310
CHR3	14254923	CHR3:14254923	SSF x Far_LoA	-11,4837309	0,131	0,285
CHR3	14262493	CHR3:14262493	SSF x Far_LoA	-7,62822718	0,020	0,305
CHR3	14272392	CHR3:14272392	SSF x Far_LoA	-9,78123187	0,014	0,312
CHR3	14302378	CHR3:14302378	SSF x Far_LoA	-9,00914855	-0,083	0,304
CHR3	14327035	CHR3:14327035	SSF x Far_LoA	-8,94667733	-0,087	0,296
CHR3	14332842	CHR3:14332842	SSF x Far_LoA	-8,87307257	0,011	0,304
CHR3	1434409	CHR3:1434409	SSF x Far_LoA	-11,002604	0,001	0,300
CHR3	14351980	CHR3:14351980	SSF x Far_LoA	1,57502007	0,008	0,306
CHR3	14352069	CHR3:14352069	SSF x Far_LoA	-10,2527432	0,038	0,297
CHR3	1436726	CHR3:1436726	SSF x Far_LoA	-9,27761089	-0,032	0,310
CHR3	1436737	CHR3:1436737	SSF x Far_LoA	-8,76435741	-0,074	0,293
CHR3	14400099	CHR3:14400099	SSF x Far_LoA	-10,0538	-0,051	0,294
CHR3	14400108	CHR3:14400108	SSF x Far_LoA	-9,23664954	0,045	0,311
CHR3	14400129	CHR3:14400129	SSF x Far_LoA	-8,64605131	0,037	0,302
CHR3	14400149	CHR3:14400149	SSF x Far_LoA	-10,9392635	0,009	0,304
CHR3	14400161	CHR3:14400161	SSF x Far_LoA	-11,2836509	-0,098	0,313
CHR3	14400172	CHR3:14400172	SSF x Far_LoA	-11,3649909	0,047	0,302
CHR3	14400219	CHR3:14400219	SSF x Far_LoA	-9,06900965	-0,001	0,307
CHR3	14400268	CHR3:14400268	SSF x Far_LoA	-7,43331748	0,046	0,300
CHR3	14409216	CHR3:14409216	SSF x Far_LoA	-4,28203457	0,018	0,310
CHR3	14409483	CHR3:14409483	SSF x Far_LoA	-7,22644992	-0,064	0,315
CHR3	14430194	CHR3:14430194	SSF x Far_LoA	-9,19066987	0,098	0,299
CHR3	14431389	CHR3:14431389	SSF x Far_LoA	-7,90690059	-0,083	0,315
CHR3	14431395	CHR3:14431395	SSF x Far_LoA	-7,69723615	-0,101	0,311
CHR3	14432153	CHR3:14432153	SSF x Far_LoA	-7,13044464	0,041	0,304

CHR3	14436122	CHR3:14436122	SSF x Far_LoA	-6,67876827	0,151	0,293
CHR3	14436145	CHR3:14436145	SSF x Far_LoA	-9,56157082	0,137	0,292
CHR3	14436227	CHR3:14436227	SSF x Far_LoA	-10,492703	0,026	0,308
CHR3	14436238	CHR3:14436238	SSF x Far_LoA	-8,53092002	-0,060	0,304
CHR3	14442809	CHR3:14442809	SSF x Far_LoA	-10,1341172	0,116	0,292
CHR3	14442836	CHR3:14442836	SSF x Far_LoA	-10,2101655	0,111	0,293
CHR3	14442858	CHR3:14442858	SSF x Far_LoA	-9,76095431	0,038	0,322
CHR3	14442978	CHR3:14442978	SSF x Far_LoA	-3,94221799	0,017	0,311
CHR3	14443115	CHR3:14443115	SSF x Far_LoA	-9,95079637	0,119	0,295
CHR3	14445113	CHR3:14445113	SSF x Far_LoA	-9,92322309	-0,088	0,305
CHR3	14445130	CHR3:14445130	SSF x Far_LoA	-9,6556427	-0,095	0,293
CHR3	14445143	CHR3:14445143	SSF x Far_LoA	-3,6530763	0,087	0,304
CHR3	14445725	CHR3:14445725	SSF x Far_LoA	-9,11292829	0,129	0,306
CHR3	14445941	CHR3:14445941	SSF x Far_LoA	-10,7429372	-0,058	0,312
CHR3	1445174	CHR3:1445174	SSF x Far_LoA	-9,20423297	-0,056	0,314
CHR3	14455114	CHR3:14455114	SSF x Far_LoA	-9,17011883	-0,103	0,295
CHR3	14455121	CHR3:14455121	SSF x Far_LoA	-7,75324254	-0,098	0,310
CHR3	14455138	CHR3:14455138	SSF x Far_LoA	-8,92469966	0,064	0,318
CHR3	14455145	CHR3:14455145	SSF x Far_LoA	-9,70265666	-0,023	0,312
CHR3	14455177	CHR3:14455177	SSF x Far_LoA	-8,14152174	0,102	0,307
CHR3	14461359	CHR3:14461359	SSF x Far_LoA	-8,82817245	0,147	0,304
CHR3	14461366	CHR3:14461366	SSF x Far_LoA	-9,13774216	0,070	0,293
CHR3	14461413	CHR3:14461413	SSF x Far_LoA	-8,54863655	-0,168	0,298
CHR3	14461424	CHR3:14461424	SSF x Far_LoA	-11,2200887	0,034	0,303
CHR3	14461428	CHR3:14461428	SSF x Far_LoA	-4,1241869	-0,085	0,305
CHR3	14464104	CHR3:14464104	SSF x Far_LoA	-9,43001243	0,015	0,303
CHR3	14464115	CHR3:14464115	SSF x Far_LoA	-8,6558777	-0,026	0,302
CHR3	14464133	CHR3:14464133	SSF x Far_LoA	-7,26916527	0,064	0,312
CHR3	14464147	CHR3:14464147	SSF x Far_LoA	-10,4018996	-0,026	0,310
CHR3	14464149	CHR3:14464149	SSF x Far_LoA	-10,3661885	0,049	0,284
CHR3	14464222	CHR3:14464222	SSF x Far_LoA	-8,93157943	-0,128	0,299
CHR3	14465964	CHR3:14465964	SSF x Far_LoA	-10,6481886	-0,017	0,299
CHR3	14465985	CHR3:14465985	SSF x Far_LoA	-9,23502594	-0,013	0,295
CHR3	14466001	CHR3:14466001	SSF x Far_LoA	-8,12213861	0,026	0,304
CHR3	14473271	CHR3:14473271	SSF x Far_LoA	-8,88057473	0,010	0,319
CHR3	14473315	CHR3:14473315	SSF x Far_LoA	-6,77056422	0,095	0,289
CHR3	14473340	CHR3:14473340	SSF x Far_LoA	-6,75981796	-0,028	0,318
CHR3	14473341	CHR3:14473341	SSF x Far_LoA	-9,157137	-0,012	0,283
CHR3	14473346	CHR3:14473346	SSF x Far_LoA	-8,05966454	-0,022	0,314
CHR3	14473349	CHR3:14473349	SSF x Far_LoA	-8,31876285	-0,017	0,302
CHR3	14473350	CHR3:14473350	SSF x Far_LoA	-8,76002766	-0,047	0,297
CHR3	14473351	CHR3:14473351	SSF x Far_LoA	-9,15988735	0,074	0,291
CHR3	14473359	CHR3:14473359	SSF x Far_LoA	-9,57311604	-0,094	0,301
CHR3	14474688	CHR3:14474688	SSF x Far_LoA	-9,86803296	-0,022	0,297
CHR3	14474744	CHR3:14474744	SSF x Far_LoA	-11,4290866	-0,013	0,308
CHR3	14474764	CHR3:14474764	SSF x Far_LoA	-10,7736834	-0,097	0,316
CHR3	14478758	CHR3:14478758	SSF x Far_LoA	-11,118966	-0,109	0,311
CHR3	14483147	CHR3:14483147	SSF x Far_LoA	-6,84920497	0,117	0,292
CHR3	14483227	CHR3:14483227	SSF x Far_LoA	-9,38182462	0,078	0,304
CHR3	14483228	CHR3:14483228	SSF x Far_LoA	-9,88389936	0,084	0,301
CHR3	14483287	CHR3:14483287	SSF x Far_LoA	-8,24812187	0,056	0,306
CHR3	14483294	CHR3:14483294	SSF x Far_LoA	-9,41828625	-0,113	0,307
CHR3	14483317	CHR3:14483317	SSF x Far_LoA	-9,93137875	-0,066	0,296

CHR3	14483339	CHR3:14483339	SSF x Far_LoA	-11,7437446	0,072	0,297
CHR3	14483364	CHR3:14483364	SSF x Far_LoA	-8,83749746	-0,068	0,316
CHR3	14484893	CHR3:14484893	SSF x Far_LoA	-10,6490582	0,001	0,314
CHR3	14484920	CHR3:14484920	SSF x Far_LoA	-7,36045296	-0,055	0,305
CHR3	14491394	CHR3:14491394	SSF x Far_LoA	-9,09192173	-0,019	0,315
CHR3	14491424	CHR3:14491424	SSF x Far_LoA	-11,2202761	0,045	0,301
CHR3	14495407	CHR3:14495407	SSF x Far_LoA	-8,95485994	-0,129	0,306
CHR3	14495423	CHR3:14495423	SSF x Far_LoA	-8,45672847	0,078	0,302
CHR3	14495449	CHR3:14495449	SSF x Far_LoA	-8,75320287	0,063	0,312
CHR3	14495508	CHR3:14495508	SSF x Far_LoA	-8,34464419	0,074	0,309
CHR3	14502837	CHR3:14502837	SSF x Far_LoA	-11,9086272	-0,015	0,298
CHR3	14507636	CHR3:14507636	SSF x Far_LoA	-8,57603366	-0,028	0,306
CHR3	14519782	CHR3:14519782	SSF x Far_LoA	-10,6681045	-0,055	0,314
CHR3	14519784	CHR3:14519784	SSF x Far_LoA	-8,96561395	-0,031	0,298
CHR3	14526095	CHR3:14526095	SSF x Far_LoA	-10,3811493	-0,053	0,311
CHR3	14526105	CHR3:14526105	SSF x Far_LoA	-9,48720018	0,000	0,310
CHR3	14526197	CHR3:14526197	SSF x Far_LoA	-7,90261089	-0,027	0,322
CHR3	14526199	CHR3:14526199	SSF x Far_LoA	-10,8241783	0,005	0,305
CHR3	14526204	CHR3:14526204	SSF x Far_LoA	-10,3277945	-0,035	0,322
CHR3	14526234	CHR3:14526234	SSF x Far_LoA	-11,0404316	0,032	0,297
CHR3	14526262	CHR3:14526262	SSF x Far_LoA	-8,77295486	0,051	0,292
CHR3	14531492	CHR3:14531492	SSF x Far_LoA	-8,85219328	0,089	0,314
CHR3	14531504	CHR3:14531504	SSF x Far_LoA	-6,18599235	0,221	0,280
CHR3	14531514	CHR3:14531514	SSF x Far_LoA	-7,86557783	0,070	0,311
CHR3	14531519	CHR3:14531519	SSF x Far_LoA	-7,55972326	-0,153	0,305
CHR3	14531527	CHR3:14531527	SSF x Far_LoA	-8,29553051	0,120	0,306
CHR3	14531608	CHR3:14531608	SSF x Far_LoA	-8,35456464	0,035	0,321
CHR3	14531610	CHR3:14531610	SSF x Far_LoA	-10,7073629	0,059	0,305
CHR3	14531624	CHR3:14531624	SSF x Far_LoA	-11,6634996	0,005	0,314
CHR3	14531726	CHR3:14531726	SSF x Far_LoA	-9,83568081	0,047	0,316
CHR3	1453921	CHR3:1453921	SSF x Far_LoA	-9,68922818	-0,035	0,302
CHR3	1453956	CHR3:1453956	SSF x Far_LoA	-11,2985804	-0,029	0,317
CHR3	14540152	CHR3:14540152	SSF x Far_LoA	-8,97882216	0,075	0,312
CHR3	14540562	CHR3:14540562	SSF x Far_LoA	-7,47345745	0,180	0,291
CHR3	14540667	CHR3:14540667	SSF x Far_LoA	-9,10922518	-0,017	0,325
CHR3	14540735	CHR3:14540735	SSF x Far_LoA	-10,6243102	-0,055	0,296
CHR3	14546401	CHR3:14546401	SSF x Far_LoA	-10,4083352	0,094	0,308
CHR3	14546426	CHR3:14546426	SSF x Far_LoA	-7,95103115	-0,116	0,299
CHR3	14546436	CHR3:14546436	SSF x Far_LoA	-8,43320274	-0,122	0,301
CHR3	14546445	CHR3:14546445	SSF x Far_LoA	-6,83019756	-0,102	0,301
CHR3	14546455	CHR3:14546455	SSF x Far_LoA	-5,38389417	-0,092	0,305
CHR3	14546515	CHR3:14546515	SSF x Far_LoA	-11,1740148	0,013	0,286
CHR3	14546519	CHR3:14546519	SSF x Far_LoA	-7,06260301	0,093	0,312
CHR3	14550419	CHR3:14550419	SSF x Far_LoA	-10,2110013	0,041	0,316
CHR3	14550487	CHR3:14550487	SSF x Far_LoA	-9,01339791	0,066	0,293
CHR3	14550528	CHR3:14550528	SSF x Far_LoA	-9,08555244	-0,095	0,301
CHR3	14556518	CHR3:14556518	SSF x Far_LoA	-6,19657206	0,170	0,314
CHR3	14556521	CHR3:14556521	SSF x Far_LoA	-8,2829534	-0,006	0,308
CHR3	14563240	CHR3:14563240	SSF x Far_LoA	-9,65906427	0,003	0,312
CHR3	14563266	CHR3:14563266	SSF x Far_LoA	-10,2570247	0,057	0,301
CHR3	14563295	CHR3:14563295	SSF x Far_LoA	-9,46715668	-0,020	0,305
CHR3	14563315	CHR3:14563315	SSF x Far_LoA	-9,79379319	-0,006	0,295
CHR3	14563321	CHR3:14563321	SSF x Far_LoA	-9,73243934	0,013	0,303

CHR3	14563386	CHR3:14563386	SSF x Far_LoA	-8,44195462	0,000	0,308
CHR3	14563387	CHR3:14563387	SSF x Far_LoA	-8,23188652	-0,002	0,303
CHR3	14563395	CHR3:14563395	SSF x Far_LoA	-9,13723118	0,024	0,320
CHR3	14563421	CHR3:14563421	SSF x Far_LoA	-9,30795131	0,039	0,300
CHR3	14563436	CHR3:14563436	SSF x Far_LoA	-10,337653	-0,005	0,312
CHR3	14563479	CHR3:14563479	SSF x Far_LoA	-9,1073317	-0,071	0,308
CHR3	14565704	CHR3:14565704	SSF x Far_LoA	-9,49446457	0,016	0,294
CHR3	14565732	CHR3:14565732	SSF x Far_LoA	-10,3372369	-0,082	0,291
CHR3	14565736	CHR3:14565736	SSF x Far_LoA	-8,64692697	0,137	0,296
CHR3	14571423	CHR3:14571423	SSF x Far_LoA	-9,33539116	0,098	0,304
CHR3	14573550	CHR3:14573550	SSF x Far_LoA	-10,0090075	0,040	0,312
CHR3	14573560	CHR3:14573560	SSF x Far_LoA	-7,73066834	0,055	0,312
CHR3	14573578	CHR3:14573578	SSF x Far_LoA	-11,3577933	-0,056	0,295
CHR3	14573605	CHR3:14573605	SSF x Far_LoA	-9,9600306	0,044	0,299
CHR3	14573619	CHR3:14573619	SSF x Far_LoA	-10,5290877	-0,138	0,303
CHR3	14573661	CHR3:14573661	SSF x Far_LoA	-8,61086764	0,074	0,305
CHR3	14575871	CHR3:14575871	SSF x Far_LoA	-8,89778595	0,078	0,292
CHR3	14575990	CHR3:14575990	SSF x Far_LoA	-10,6739152	-0,023	0,312
CHR3	14582684	CHR3:14582684	SSF x Far_LoA	-10,2389034	-0,001	0,303
CHR3	14582717	CHR3:14582717	SSF x Far_LoA	-10,0823806	-0,001	0,301
CHR3	14582720	CHR3:14582720	SSF x Far_LoA	-6,58895905	0,018	0,313
CHR3	14582753	CHR3:14582753	SSF x Far_LoA	-8,96206425	0,008	0,321
CHR3	14582777	CHR3:14582777	SSF x Far_LoA	-6,48944818	0,008	0,309
CHR3	14583002	CHR3:14583002	SSF x Far_LoA	-10,0312136	0,129	0,299
CHR3	14583071	CHR3:14583071	SSF x Far_LoA	-10,2740641	-0,080	0,308
CHR3	14591515	CHR3:14591515	SSF x Far_LoA	-9,14042664	-0,053	0,310
CHR3	14595786	CHR3:14595786	SSF x Far_LoA	-12,1458567	0,024	0,297
CHR3	14595794	CHR3:14595794	SSF x Far_LoA	-3,78242087	0,136	0,304
CHR3	14595806	CHR3:14595806	SSF x Far_LoA	-6,99168004	0,137	0,300
CHR3	14595872	CHR3:14595872	SSF x Far_LoA	-11,1179829	0,003	0,309
CHR3	14595919	CHR3:14595919	SSF x Far_LoA	-8,92702867	0,197	0,301
CHR3	14595964	CHR3:14595964	SSF x Far_LoA	-7,91568559	0,049	0,304
CHR3	14595986	CHR3:14595986	SSF x Far_LoA	-8,94758486	-0,003	0,292
CHR3	14608293	CHR3:14608293	SSF x Far_LoA	-6,04326191	-0,109	0,296
CHR3	14609419	CHR3:14609419	SSF x Far_LoA	-7,93998937	0,000	0,305
CHR3	14615845	CHR3:14615845	SSF x Far_LoA	-9,75121296	0,196	0,288
CHR3	14615846	CHR3:14615846	SSF x Far_LoA	-7,24094656	0,167	0,306
CHR3	14615891	CHR3:14615891	SSF x Far_LoA	-10,5770549	0,001	0,301
CHR3	14617487	CHR3:14617487	SSF x Far_LoA	-7,39191856	0,077	0,314
CHR3	14617562	CHR3:14617562	SSF x Far_LoA	-8,3702475	-0,094	0,304
CHR3	14617807	CHR3:14617807	SSF x Far_LoA	-9,36201514	-0,047	0,315
CHR3	14632156	CHR3:14632156	SSF x Far_LoA	-10,9075555	0,061	0,299
CHR3	14632275	CHR3:14632275	SSF x Far_LoA	-10,5992507	-0,143	0,308
CHR3	14632333	CHR3:14632333	SSF x Far_LoA	-10,6777519	0,041	0,307
CHR3	14640325	CHR3:14640325	SSF x Far_LoA	-11,9192248	-0,066	0,310
CHR3	14653944	CHR3:14653944	SSF x Far_LoA	-8,96733611	0,004	0,298
CHR3	14653951	CHR3:14653951	SSF x Far_LoA	-8,03123691	-0,107	0,281
CHR3	14654024	CHR3:14654024	SSF x Far_LoA	-9,72337957	-0,026	0,313
CHR3	14654033	CHR3:14654033	SSF x Far_LoA	-6,73783887	0,148	0,310
CHR3	14654045	CHR3:14654045	SSF x Far_LoA	-10,3803115	-0,070	0,308
CHR3	14654048	CHR3:14654048	SSF x Far_LoA	-10,2112583	0,019	0,311
CHR3	14654327	CHR3:14654327	SSF x Far_LoA	-8,63178799	0,077	0,309
CHR3	14654335	CHR3:14654335	SSF x Far_LoA	-10,261776	0,004	0,312

CHR3	14654370	CHR3:14654370	SSF x Far_LoA	-11,1456433	0,012	0,318
CHR3	14654384	CHR3:14654384	SSF x Far_LoA	-9,11778386	0,007	0,304
CHR3	14654388	CHR3:14654388	SSF x Far_LoA	-8,41514604	-0,043	0,310
CHR3	14654433	CHR3:14654433	SSF x Far_LoA	-10,6463813	-0,117	0,306
CHR3	14656079	CHR3:14656079	SSF x Far_LoA	-9,05019825	-0,007	0,303
CHR3	14667553	CHR3:14667553	SSF x Far_LoA	-5,25051072	-0,161	0,316
CHR3	14667561	CHR3:14667561	SSF x Far_LoA	-6,69229484	-0,138	0,312
CHR3	14667592	CHR3:14667592	SSF x Far_LoA	-10,4540865	-0,068	0,302
CHR3	14667698	CHR3:14667698	SSF x Far_LoA	-6,54531857	-0,168	0,313
CHR3	14670770	CHR3:14670770	SSF x Far_LoA	-10,450655	-0,003	0,308
CHR3	14670773	CHR3:14670773	SSF x Far_LoA	-8,08739587	-0,043	0,309
CHR3	14670782	CHR3:14670782	SSF x Far_LoA	-8,60384928	-0,052	0,302
CHR3	14678585	CHR3:14678585	SSF x Far_LoA	-11,2483317	-0,039	0,307
CHR3	14678604	CHR3:14678604	SSF x Far_LoA	-8,24983881	-0,078	0,310
CHR3	1468437	CHR3:1468437	SSF x Far_LoA	-9,54807063	0,015	0,312
CHR3	14684523	CHR3:14684523	SSF x Far_LoA	-10,0680211	-0,059	0,311
CHR3	14684552	CHR3:14684552	SSF x Far_LoA	-8,91714556	0,013	0,302
CHR3	1468508	CHR3:1468508	SSF x Far_LoA	-10,6377368	-0,003	0,318
CHR3	1468520	CHR3:1468520	SSF x Far_LoA	-12,0648648	-0,021	0,307
CHR3	1468524	CHR3:1468524	SSF x Far_LoA	-4,50391374	0,017	0,310
CHR3	1468605	CHR3:1468605	SSF x Far_LoA	-9,58788081	0,016	0,302
CHR3	14693586	CHR3:14693586	SSF x Far_LoA	-8,28653641	0,128	0,297
CHR3	14693601	CHR3:14693601	SSF x Far_LoA	-9,98126078	-0,009	0,306
CHR3	14693607	CHR3:14693607	SSF x Far_LoA	-9,79826627	0,101	0,299
CHR3	14693610	CHR3:14693610	SSF x Far_LoA	-8,05216699	0,215	0,289
CHR3	14693624	CHR3:14693624	SSF x Far_LoA	-10,0603472	-0,028	0,299
CHR3	14693680	CHR3:14693680	SSF x Far_LoA	-11,638198	-0,084	0,308
CHR3	14693756	CHR3:14693756	SSF x Far_LoA	-9,58427077	-0,073	0,314
CHR3	14693767	CHR3:14693767	SSF x Far_LoA	-9,33288994	0,062	0,319
CHR3	14693788	CHR3:14693788	SSF x Far_LoA	-10,4406626	-0,006	0,298
CHR3	14705811	CHR3:14705811	SSF x Far_LoA	-8,37337001	-0,062	0,305
CHR3	14705868	CHR3:14705868	SSF x Far_LoA	-8,17354513	0,107	0,282
CHR3	14706777	CHR3:14706777	SSF x Far_LoA	-7,1729651	0,075	0,293
CHR3	14708396	CHR3:14708396	SSF x Far_LoA	-8,70245395	0,054	0,303
CHR3	14708417	CHR3:14708417	SSF x Far_LoA	-8,89393237	0,045	0,318
CHR3	14708430	CHR3:14708430	SSF x Far_LoA	-10,9674361	-0,038	0,305
CHR3	14708619	CHR3:14708619	SSF x Far_LoA	-8,51822061	0,065	0,318
CHR3	14715001	CHR3:14715001	SSF x Far_LoA	-10,1079067	0,063	0,322
CHR3	14716238	CHR3:14716238	SSF x Far_LoA	-9,28541823	-0,148	0,294
CHR3	14716301	CHR3:14716301	SSF x Far_LoA	-7,82447102	-0,001	0,316
CHR3	14717932	CHR3:14717932	SSF x Far_LoA	-8,41314718	0,145	0,288
CHR3	14717990	CHR3:14717990	SSF x Far_LoA	-7,33392635	-0,070	0,307
CHR3	14718022	CHR3:14718022	SSF x Far_LoA	-8,77167699	0,042	0,300
CHR3	14725016	CHR3:14725016	SSF x Far_LoA	-9,4487155	-0,016	0,302
CHR3	14725033	CHR3:14725033	SSF x Far_LoA	-8,22728461	-0,162	0,308
CHR3	14725034	CHR3:14725034	SSF x Far_LoA	-10,5094066	-0,016	0,309
CHR3	14725087	CHR3:14725087	SSF x Far_LoA	-8,30040869	0,015	0,310
CHR3	14725089	CHR3:14725089	SSF x Far_LoA	-10,3404599	-0,006	0,300
CHR3	14729251	CHR3:14729251	SSF x Far_LoA	-6,03759584	-0,186	0,282
CHR3	14729308	CHR3:14729308	SSF x Far_LoA	-8,81781211	-0,111	0,297
CHR3	14729327	CHR3:14729327	SSF x Far_LoA	-8,47090011	0,074	0,312
CHR3	14729342	CHR3:14729342	SSF x Far_LoA	-2,36725055	-0,258	0,288
CHR3	14729369	CHR3:14729369	SSF x Far_LoA	-8,39283216	-0,123	0,303

CHR3	14732697	CHR3:14732697	SSF x Far_LoA	-8,78801725	-0,080	0,310
CHR3	14742760	CHR3:14742760	SSF x Far_LoA	-9,25716657	-0,050	0,298
CHR3	14742810	CHR3:14742810	SSF x Far_LoA	-8,94858769	0,039	0,307
CHR3	14742821	CHR3:14742821	SSF x Far_LoA	-8,6745767	0,052	0,320
CHR3	14742824	CHR3:14742824	SSF x Far_LoA	-7,92651837	0,097	0,310
CHR3	14742836	CHR3:14742836	SSF x Far_LoA	-9,09507684	0,084	0,307
CHR3	14742844	CHR3:14742844	SSF x Far_LoA	-8,04313948	0,091	0,307
CHR3	14742857	CHR3:14742857	SSF x Far_LoA	-8,18859015	0,105	0,317
CHR3	14742863	CHR3:14742863	SSF x Far_LoA	1,80201529	0,109	0,307
CHR3	14762436	CHR3:14762436	SSF x Far_LoA	-6,46383845	-0,072	0,314
CHR3	14762464	CHR3:14762464	SSF x Far_LoA	-10,2552356	-0,090	0,311
CHR3	14762503	CHR3:14762503	SSF x Far_LoA	-11,5148772	0,080	0,310
CHR3	14764047	CHR3:14764047	SSF x Far_LoA	-9,9386964	0,041	0,306
CHR3	14764049	CHR3:14764049	SSF x Far_LoA	-4,9386696	0,047	0,307
CHR3	14764094	CHR3:14764094	SSF x Far_LoA	-12,1787859	0,050	0,315
CHR3	14764097	CHR3:14764097	SSF x Far_LoA	-11,4438192	0,049	0,320
CHR3	14764112	CHR3:14764112	SSF x Far_LoA	-10,8658759	-0,019	0,295
CHR3	14764139	CHR3:14764139	SSF x Far_LoA	-10,381906	-0,009	0,307
CHR3	14764153	CHR3:14764153	SSF x Far_LoA	-9,00402205	0,116	0,291
CHR3	14764181	CHR3:14764181	SSF x Far_LoA	-11,243918	0,064	0,301
CHR3	14764221	CHR3:14764221	SSF x Far_LoA	-9,30758516	0,093	0,289
CHR3	14766074	CHR3:14766074	SSF x Far_LoA	-9,61926062	-0,065	0,300
CHR3	14766075	CHR3:14766075	SSF x Far_LoA	-10,1817674	0,006	0,288
CHR3	14766114	CHR3:14766114	SSF x Far_LoA	-9,45854819	-0,055	0,287
CHR3	14766144	CHR3:14766144	SSF x Far_LoA	-8,39718394	-0,074	0,279
CHR3	14766217	CHR3:14766217	SSF x Far_LoA	-10,694942	-0,039	0,306
CHR3	14766228	CHR3:14766228	SSF x Far_LoA	-8,00073191	-0,130	0,311
CHR3	14766283	CHR3:14766283	SSF x Far_LoA	-8,9417227	0,058	0,303
CHR3	14766307	CHR3:14766307	SSF x Far_LoA	-6,59299343	-0,049	0,314
CHR3	14766309	CHR3:14766309	SSF x Far_LoA	-8,99741642	-0,096	0,303
CHR3	14766310	CHR3:14766310	SSF x Far_LoA	-7,59298796	-0,147	0,307
CHR3	14766313	CHR3:14766313	SSF x Far_LoA	-7,79895408	-0,087	0,298
CHR3	14766315	CHR3:14766315	SSF x Far_LoA	-7,09514581	-0,098	0,309
CHR3	14766330	CHR3:14766330	SSF x Far_LoA	-8,43408669	0,087	0,292
CHR3	14774816	CHR3:14774816	SSF x Far_LoA	-9,95209292	0,050	0,303
CHR3	14774828	CHR3:14774828	SSF x Far_LoA	-10,3047102	0,043	0,305
CHR3	14774837	CHR3:14774837	SSF x Far_LoA	-8,97506003	0,131	0,309
CHR3	14774840	CHR3:14774840	SSF x Far_LoA	-8,42638202	0,065	0,311
CHR3	14774852	CHR3:14774852	SSF x Far_LoA	-9,06302717	-0,153	0,312
CHR3	14774893	CHR3:14774893	SSF x Far_LoA	-8,26795279	0,207	0,281
CHR3	14774954	CHR3:14774954	SSF x Far_LoA	-7,67219149	0,202	0,287
CHR3	14774972	CHR3:14774972	SSF x Far_LoA	-2,49554847	-0,230	0,295
CHR3	14774998	CHR3:14774998	SSF x Far_LoA	-6,35169085	0,193	0,295
CHR3	14777551	CHR3:14777551	SSF x Far_LoA	-10,9360895	0,054	0,305
CHR3	14777565	CHR3:14777565	SSF x Far_LoA	-10,624927	0,056	0,293
CHR3	14777656	CHR3:14777656	SSF x Far_LoA	-9,57376065	-0,016	0,302
CHR3	14784518	CHR3:14784518	SSF x Far_LoA	-9,69894616	-0,089	0,310
CHR3	14784662	CHR3:14784662	SSF x Far_LoA	-9,32227042	-0,022	0,302
CHR3	14784704	CHR3:14784704	SSF x Far_LoA	-8,75320577	-0,094	0,298
CHR3	14784738	CHR3:14784738	SSF x Far_LoA	-6,64766878	-0,070	0,305
CHR3	14785903	CHR3:14785903	SSF x Far_LoA	-8,05908039	-0,068	0,295
CHR3	1478793	CHR3:1478793	SSF x Far_LoA	-7,57748338	0,042	0,310
CHR3	1478812	CHR3:1478812	SSF x Far_LoA	-9,03761736	-0,046	0,318

CHR3	1478862	CHR3:1478862	SSF x Far_LoA	-10,600829	-0,106	0,309
CHR3	14788720	CHR3:14788720	SSF x Far_LoA	-11,1244279	0,048	0,310
CHR3	14788789	CHR3:14788789	SSF x Far_LoA	-8,82036054	0,042	0,308
CHR3	14788799	CHR3:14788799	SSF x Far_LoA	-7,86251636	0,071	0,306
CHR3	14788902	CHR3:14788902	SSF x Far_LoA	-11,6950337	0,073	0,292
CHR3	14788942	CHR3:14788942	SSF x Far_LoA	-8,52842711	0,046	0,296
CHR3	14788964	CHR3:14788964	SSF x Far_LoA	-9,00248006	0,068	0,302
CHR3	1478943	CHR3:1478943	SSF x Far_LoA	-9,81560066	-0,005	0,318
CHR3	1478984	CHR3:1478984	SSF x Far_LoA	-8,50755642	0,077	0,300
CHR3	14800331	CHR3:14800331	SSF x Far_LoA	-10,549321	0,045	0,307
CHR3	14802450	CHR3:14802450	SSF x Far_LoA	-5,70596174	-0,121	0,307
CHR3	14802463	CHR3:14802463	SSF x Far_LoA	-9,09110288	0,001	0,305
CHR3	14802467	CHR3:14802467	SSF x Far_LoA	-8,90402961	-0,004	0,316
CHR3	14802471	CHR3:14802471	SSF x Far_LoA	-7,47658979	0,105	0,305
CHR3	14802473	CHR3:14802473	SSF x Far_LoA	-9,3654494	-0,022	0,316
CHR3	14806376	CHR3:14806376	SSF x Far_LoA	-9,0667309	-0,116	0,302
CHR3	14806456	CHR3:14806456	SSF x Far_LoA	-8,07959646	0,093	0,315
CHR3	14807917	CHR3:14807917	SSF x Far_LoA	-10,3078074	0,056	0,292
CHR3	14807958	CHR3:14807958	SSF x Far_LoA	-9,78968814	0,017	0,307
CHR3	14807970	CHR3:14807970	SSF x Far_LoA	-4,95968082	0,035	0,308
CHR3	14807981	CHR3:14807981	SSF x Far_LoA	-8,57155362	0,020	0,305
CHR3	14807991	CHR3:14807991	SSF x Far_LoA	-9,83352054	-0,021	0,306
CHR3	14811106	CHR3:14811106	SSF x Far_LoA	-9,62646667	-0,060	0,307
CHR3	14811155	CHR3:14811155	SSF x Far_LoA	-10,3378312	-0,021	0,308
CHR3	14815021	CHR3:14815021	SSF x Far_LoA	-8,91029466	0,001	0,310
CHR3	14826306	CHR3:14826306	SSF x Far_LoA	-9,34029619	0,073	0,309
CHR3	14826313	CHR3:14826313	SSF x Far_LoA	-7,44745763	0,005	0,308
CHR3	14826368	CHR3:14826368	SSF x Far_LoA	-9,75390868	-0,002	0,299
CHR3	14826395	CHR3:14826395	SSF x Far_LoA	-9,78505017	-0,057	0,291
CHR3	14826401	CHR3:14826401	SSF x Far_LoA	-12,1339408	-0,004	0,309
CHR3	14826409	CHR3:14826409	SSF x Far_LoA	-8,75870849	-0,019	0,311
CHR3	14826567	CHR3:14826567	SSF x Far_LoA	-7,57556266	0,130	0,310
CHR3	14829762	CHR3:14829762	SSF x Far_LoA	-8,34960203	-0,186	0,297
CHR3	14829836	CHR3:14829836	SSF x Far_LoA	-8,21999292	0,055	0,309
CHR3	14829903	CHR3:14829903	SSF x Far_LoA	-8,35956037	0,031	0,325
CHR3	14836144	CHR3:14836144	SSF x Far_LoA	-6,24628401	0,181	0,291
CHR3	14836268	CHR3:14836268	SSF x Far_LoA	-7,89546528	-0,113	0,297
CHR3	14837255	CHR3:14837255	SSF x Far_LoA	-10,720986	0,006	0,315
CHR3	14837309	CHR3:14837309	SSF x Far_LoA	-9,68932227	0,062	0,291
CHR3	14837337	CHR3:14837337	SSF x Far_LoA	-12,0412072	-0,086	0,297
CHR3	14837366	CHR3:14837366	SSF x Far_LoA	-9,79692394	0,057	0,315
CHR3	1483747	CHR3:1483747	SSF x Far_LoA	-5,41066849	-0,015	0,319
CHR3	1484166	CHR3:1484166	SSF x Far_LoA	-7,23177659	-0,035	0,309
CHR3	14847949	CHR3:14847949	SSF x Far_LoA	-8,72907891	0,063	0,311
CHR3	14849246	CHR3:14849246	SSF x Far_LoA	-11,5200141	0,037	0,310
CHR3	14849306	CHR3:14849306	SSF x Far_LoA	-6,94073182	-0,119	0,313
CHR3	14849348	CHR3:14849348	SSF x Far_LoA	-10,8144194	0,036	0,300
CHR3	14849383	CHR3:14849383	SSF x Far_LoA	-7,91610205	0,155	0,308
CHR3	14849390	CHR3:14849390	SSF x Far_LoA	-11,0527371	-0,010	0,307
CHR3	14849392	CHR3:14849392	SSF x Far_LoA	-6,89943457	-0,158	0,304
CHR3	14849398	CHR3:14849398	SSF x Far_LoA	-10,6270421	-0,010	0,324
CHR3	14849425	CHR3:14849425	SSF x Far_LoA	-11,3789595	0,041	0,309
CHR3	14858926	CHR3:14858926	SSF x Far_LoA	-6,3348618	0,138	0,314

CHR3	14859069	CHR3:14859069	SSF x Far_LoA	-11,0667905	0,020	0,309
CHR3	14859117	CHR3:14859117	SSF x Far_LoA	-10,0455203	-0,040	0,317
CHR3	14859148	CHR3:14859148	SSF x Far_LoA	-11,0264017	-0,012	0,313
CHR3	14859159	CHR3:14859159	SSF x Far_LoA	-9,62027741	-0,128	0,314
CHR3	14859175	CHR3:14859175	SSF x Far_LoA	-11,2141583	0,131	0,295
CHR3	14859182	CHR3:14859182	SSF x Far_LoA	-8,82575771	-0,178	0,304
CHR3	14866233	CHR3:14866233	SSF x Far_LoA	-8,90592028	-0,053	0,307
CHR3	14866261	CHR3:14866261	SSF x Far_LoA	-8,41036253	0,003	0,307
CHR3	14866288	CHR3:14866288	SSF x Far_LoA	-6,48499079	-0,181	0,303
CHR3	14866299	CHR3:14866299	SSF x Far_LoA	-10,30099	0,029	0,316
CHR3	14866301	CHR3:14866301	SSF x Far_LoA	-8,99620397	0,057	0,305
CHR3	14866396	CHR3:14866396	SSF x Far_LoA	-8,10022482	0,041	0,310
CHR3	14866402	CHR3:14866402	SSF x Far_LoA	-6,07576268	0,061	0,318
CHR3	14868687	CHR3:14868687	SSF x Far_LoA	-7,95341184	0,072	0,306
CHR3	14868702	CHR3:14868702	SSF x Far_LoA	-8,17537807	0,004	0,306
CHR3	14868703	CHR3:14868703	SSF x Far_LoA	-6,18535301	-0,110	0,304
CHR3	14872158	CHR3:14872158	SSF x Far_LoA	-8,31426981	-0,096	0,310
CHR3	14872183	CHR3:14872183	SSF x Far_LoA	-8,45916288	0,011	0,304
CHR3	14872233	CHR3:14872233	SSF x Far_LoA	-8,91574183	0,013	0,324
CHR3	14872256	CHR3:14872256	SSF x Far_LoA	-11,5058505	-0,025	0,319
CHR3	14872259	CHR3:14872259	SSF x Far_LoA	-7,6396735	0,097	0,296
CHR3	14872373	CHR3:14872373	SSF x Far_LoA	-11,5187589	0,028	0,298
CHR3	14872403	CHR3:14872403	SSF x Far_LoA	-10,6857625	-0,130	0,287
CHR3	14879445	CHR3:14879445	SSF x Far_LoA	-10,5462772	0,085	0,302
CHR3	14880007	CHR3:14880007	SSF x Far_LoA	-10,2013763	-0,052	0,300
CHR3	14890255	CHR3:14890255	SSF x Far_LoA	-9,28339463	0,041	0,312
CHR3	14890256	CHR3:14890256	SSF x Far_LoA	-8,70481117	0,025	0,304
CHR3	14890260	CHR3:14890260	SSF x Far_LoA	-9,74539715	0,041	0,312
CHR3	14892138	CHR3:14892138	SSF x Far_LoA	-11,7507516	0,051	0,306
CHR3	14892169	CHR3:14892169	SSF x Far_LoA	-12,2926927	0,055	0,290
CHR3	14892188	CHR3:14892188	SSF x Far_LoA	-8,01296488	0,025	0,315
CHR3	14892215	CHR3:14892215	SSF x Far_LoA	-10,3122789	0,051	0,312
CHR3	1489551	CHR3:1489551	SSF x Far_LoA	-10,441676	0,024	0,308
CHR3	1489560	CHR3:1489560	SSF x Far_LoA	-8,97447264	-0,040	0,296
CHR3	1489607	CHR3:1489607	SSF x Far_LoA	-10,0878545	0,020	0,314
CHR3	1489746	CHR3:1489746	SSF x Far_LoA	-6,98871074	0,112	0,307
CHR3	14900265	CHR3:14900265	SSF x Far_LoA	-9,37067247	0,053	0,313
CHR3	14900388	CHR3:14900388	SSF x Far_LoA	-10,7262231	0,122	0,306
CHR3	14900393	CHR3:14900393	SSF x Far_LoA	-8,73856061	-0,085	0,302
CHR3	14900407	CHR3:14900407	SSF x Far_LoA	-7,7345731	-0,146	0,299
CHR3	1490043	CHR3:1490043	SSF x Far_LoA	-7,55712759	0,125	0,307
CHR3	14905363	CHR3:14905363	SSF x Far_LoA	-7,25396728	0,042	0,314
CHR3	14905395	CHR3:14905395	SSF x Far_LoA	-11,9474403	0,071	0,305
CHR3	14905555	CHR3:14905555	SSF x Far_LoA	-11,195353	-0,119	0,279
CHR3	14905558	CHR3:14905558	SSF x Far_LoA	-8,75397577	0,040	0,301
CHR3	14907337	CHR3:14907337	SSF x Far_LoA	-10,7129335	0,026	0,301
CHR3	14907422	CHR3:14907422	SSF x Far_LoA	-10,0373715	-0,032	0,304
CHR3	14907558	CHR3:14907558	SSF x Far_LoA	-10,2319318	-0,077	0,302
CHR3	14924150	CHR3:14924150	SSF x Far_LoA	-6,83010097	-0,153	0,311
CHR3	14924174	CHR3:14924174	SSF x Far_LoA	-8,31670955	0,029	0,297
CHR3	14924195	CHR3:14924195	SSF x Far_LoA	-7,67890895	0,037	0,309
CHR3	14927886	CHR3:14927886	SSF x Far_LoA	-11,9320308	-0,002	0,297
CHR3	14927926	CHR3:14927926	SSF x Far_LoA	-11,2318938	0,097	0,301

CHR3	14933503	CHR3:14933503	SSF x Far_LoA	-8,64346134	-0,146	0,314
CHR3	14933661	CHR3:14933661	SSF x Far_LoA	-10,1005239	-0,152	0,299
CHR3	14953172	CHR3:14953172	SSF x Far_LoA	-10,8480971	0,080	0,308
CHR3	14957520	CHR3:14957520	SSF x Far_LoA	-9,98419952	-0,030	0,304
CHR3	14957558	CHR3:14957558	SSF x Far_LoA	-11,1955958	0,039	0,311
CHR3	14957584	CHR3:14957584	SSF x Far_LoA	-11,1737041	0,051	0,316
CHR3	14959024	CHR3:14959024	SSF x Far_LoA	-11,1379575	-0,103	0,303
CHR3	14965282	CHR3:14965282	SSF x Far_LoA	-8,24990765	-0,042	0,317
CHR3	14967483	CHR3:14967483	SSF x Far_LoA	-11,2151804	0,088	0,299
CHR3	14967552	CHR3:14967552	SSF x Far_LoA	-9,06635934	0,112	0,293
CHR3	14968835	CHR3:14968835	SSF x Far_LoA	-11,2062199	-0,037	0,296
CHR3	14972314	CHR3:14972314	SSF x Far_LoA	-10,9205988	-0,019	0,303
CHR3	14972417	CHR3:14972417	SSF x Far_LoA	-11,1849046	-0,003	0,302
CHR3	14973256	CHR3:14973256	SSF x Far_LoA	-9,43325261	-0,104	0,314
CHR3	14981391	CHR3:14981391	SSF x Far_LoA	-9,6450702	-0,033	0,304
CHR3	14981421	CHR3:14981421	SSF x Far_LoA	-9,95336127	0,017	0,314
CHR3	14981442	CHR3:14981442	SSF x Far_LoA	-10,1561815	0,001	0,298
CHR3	1498504	CHR3:1498504	SSF x Far_LoA	-10,7505767	0,034	0,309
CHR3	1498547	CHR3:1498547	SSF x Far_LoA	-10,0103514	-0,096	0,297
CHR3	1498572	CHR3:1498572	SSF x Far_LoA	-8,8269684	0,108	0,316
CHR3	1498667	CHR3:1498667	SSF x Far_LoA	-10,7436358	-0,067	0,300
CHR3	1498672	CHR3:1498672	SSF x Far_LoA	-9,77695854	0,088	0,312
CHR3	14995276	CHR3:14995276	SSF x Far_LoA	-9,01842781	0,082	0,310
CHR3	14995296	CHR3:14995296	SSF x Far_LoA	-5,94817899	0,003	0,307
CHR3	14995390	CHR3:14995390	SSF x Far_LoA	-8,41274543	-0,047	0,320
CHR3	15024482	CHR3:15024482	SSF x Far_LoA	-9,88579378	0,012	0,303
CHR3	15024718	CHR3:15024718	SSF x Far_LoA	-9,70059069	0,046	0,305
CHR3	15033551	CHR3:15033551	SSF x Far_LoA	-11,9012112	-0,039	0,298
CHR3	15033663	CHR3:15033663	SSF x Far_LoA	-10,8173702	-0,016	0,305
CHR3	15036743	CHR3:15036743	SSF x Far_LoA	-10,0132596	0,071	0,316
CHR3	15036750	CHR3:15036750	SSF x Far_LoA	-9,68191288	-0,125	0,308
CHR3	15036787	CHR3:15036787	SSF x Far_LoA	-5,35119045	-0,107	0,306
CHR3	15036792	CHR3:15036792	SSF x Far_LoA	-7,01308214	-0,180	0,290
CHR3	15036873	CHR3:15036873	SSF x Far_LoA	-8,56532493	0,089	0,299
CHR3	15036887	CHR3:15036887	SSF x Far_LoA	-9,46199987	0,026	0,306
CHR3	15036905	CHR3:15036905	SSF x Far_LoA	-9,4108106	0,030	0,308
CHR3	15039951	CHR3:15039951	SSF x Far_LoA	-10,9581198	-0,028	0,299
CHR3	15039960	CHR3:15039960	SSF x Far_LoA	-8,87185742	0,044	0,300
CHR3	15039966	CHR3:15039966	SSF x Far_LoA	-10,9360193	-0,014	0,310
CHR3	15039981	CHR3:15039981	SSF x Far_LoA	-8,85668622	0,072	0,295
CHR3	15039986	CHR3:15039986	SSF x Far_LoA	-8,27595283	-0,077	0,312
CHR3	15040027	CHR3:15040027	SSF x Far_LoA	-12,0525966	-0,018	0,295
CHR3	15040038	CHR3:15040038	SSF x Far_LoA	-11,6673676	0,101	0,295
CHR3	15040151	CHR3:15040151	SSF x Far_LoA	-10,4174453	0,056	0,296
CHR3	15046125	CHR3:15046125	SSF x Far_LoA	-8,96922395	-0,079	0,297
CHR3	15046140	CHR3:15046140	SSF x Far_LoA	-8,98954423	0,007	0,297
CHR3	15048473	CHR3:15048473	SSF x Far_LoA	-11,0489256	0,007	0,295
CHR3	15048619	CHR3:15048619	SSF x Far_LoA	-10,6085493	0,035	0,311
CHR3	15048627	CHR3:15048627	SSF x Far_LoA	-10,9309142	0,020	0,309
CHR3	15048668	CHR3:15048668	SSF x Far_LoA	-9,35677452	-0,016	0,314
CHR3	15052897	CHR3:15052897	SSF x Far_LoA	-9,38309263	0,030	0,300
CHR3	15054865	CHR3:15054865	SSF x Far_LoA	-11,642257	0,024	0,299
CHR3	15057783	CHR3:15057783	SSF x Far_LoA	-7,50845715	-0,135	0,274

CHR3	15057793	CHR3:15057793	SSF x Far_LoA	-6,76233317	-0,156	0,278
CHR3	15057821	CHR3:15057821	SSF x Far_LoA	-10,4105685	-0,096	0,282
CHR3	15057843	CHR3:15057843	SSF x Far_LoA	-10,2976548	-0,096	0,296
CHR3	15057849	CHR3:15057849	SSF x Far_LoA	-7,17398086	0,165	0,284
CHR3	15057858	CHR3:15057858	SSF x Far_LoA	-9,29654536	0,103	0,285
CHR3	15060788	CHR3:15060788	SSF x Far_LoA	-7,34373493	-0,002	0,314
CHR3	15060894	CHR3:15060894	SSF x Far_LoA	-12,3371148	0,083	0,310
CHR3	15063289	CHR3:15063289	SSF x Far_LoA	-7,86101265	0,037	0,319
CHR3	15063299	CHR3:15063299	SSF x Far_LoA	-7,92370082	0,032	0,306
CHR3	15063319	CHR3:15063319	SSF x Far_LoA	-8,72857002	-0,063	0,299
CHR3	1507070	CHR3:1507070	SSF x Far_LoA	-7,3763845	0,097	0,310
CHR3	1507121	CHR3:1507121	SSF x Far_LoA	-11,4556453	-0,035	0,320
CHR3	15074873	CHR3:15074873	SSF x Far_LoA	-9,12742947	-0,051	0,307
CHR3	15096436	CHR3:15096436	SSF x Far_LoA	-3,99848596	0,119	0,313
CHR3	15111777	CHR3:15111777	SSF x Far_LoA	-9,52764509	-0,072	0,295
CHR3	15112033	CHR3:15112033	SSF x Far_LoA	-11,4083002	0,040	0,314
CHR3	15112047	CHR3:15112047	SSF x Far_LoA	-10,1179478	0,081	0,322
CHR3	15117353	CHR3:15117353	SSF x Far_LoA	-11,1469819	0,023	0,314
CHR3	15118407	CHR3:15118407	SSF x Far_LoA	-9,50216674	0,022	0,312
CHR3	15118467	CHR3:15118467	SSF x Far_LoA	-7,89069989	0,092	0,312
CHR3	15118506	CHR3:15118506	SSF x Far_LoA	-9,87963843	0,045	0,310
CHR3	15126610	CHR3:15126610	SSF x Far_LoA	-9,90174244	-0,129	0,307
CHR3	15132637	CHR3:15132637	SSF x Far_LoA	-1,91264393	0,112	0,307
CHR3	15132707	CHR3:15132707	SSF x Far_LoA	-10,8965179	-0,008	0,311
CHR3	15132784	CHR3:15132784	SSF x Far_LoA	-4,74393584	0,148	0,291
CHR3	15139006	CHR3:15139006	SSF x Far_LoA	-8,30939757	0,047	0,317
CHR3	15139083	CHR3:15139083	SSF x Far_LoA	-9,17268803	-0,077	0,298
CHR3	15167296	CHR3:15167296	SSF x Far_LoA	-7,34719492	0,116	0,301
CHR3	15167324	CHR3:15167324	SSF x Far_LoA	-9,57484607	-0,020	0,304
CHR3	15167342	CHR3:15167342	SSF x Far_LoA	-7,99110139	0,127	0,305
CHR3	15167391	CHR3:15167391	SSF x Far_LoA	-7,77973338	-0,074	0,324
CHR3	15167419	CHR3:15167419	SSF x Far_LoA	-9,55061343	0,049	0,294
CHR3	15169257	CHR3:15169257	SSF x Far_LoA	-3,87545268	-0,152	0,313
CHR3	15169272	CHR3:15169272	SSF x Far_LoA	-9,00105941	-0,032	0,311
CHR3	15169294	CHR3:15169294	SSF x Far_LoA	-8,07398242	-0,123	0,308
CHR3	15169333	CHR3:15169333	SSF x Far_LoA	-7,07568857	0,103	0,309
CHR3	15169385	CHR3:15169385	SSF x Far_LoA	-9,07597147	-0,008	0,320
CHR3	15169401	CHR3:15169401	SSF x Far_LoA	-10,3181021	0,106	0,306
CHR3	15169476	CHR3:15169476	SSF x Far_LoA	-7,42236481	-0,061	0,298
CHR3	15169507	CHR3:15169507	SSF x Far_LoA	-8,21617609	-0,064	0,292
CHR3	15169535	CHR3:15169535	SSF x Far_LoA	-10,9655495	-0,016	0,302
CHR3	15174363	CHR3:15174363	SSF x Far_LoA	-8,48882407	-0,046	0,315
CHR3	15174402	CHR3:15174402	SSF x Far_LoA	-7,21779468	0,107	0,298
CHR3	15174423	CHR3:15174423	SSF x Far_LoA	-8,06601855	0,110	0,296
CHR3	15174437	CHR3:15174437	SSF x Far_LoA	-5,86943911	-0,079	0,307
CHR3	15174443	CHR3:15174443	SSF x Far_LoA	-8,1880173	0,096	0,316
CHR3	15185216	CHR3:15185216	SSF x Far_LoA	-8,72564528	-0,077	0,315
CHR3	15185240	CHR3:15185240	SSF x Far_LoA	-8,15706716	-0,045	0,304
CHR3	15185367	CHR3:15185367	SSF x Far_LoA	-7,73636041	-0,062	0,318
CHR3	15192462	CHR3:15192462	SSF x Far_LoA	-8,06660322	-0,007	0,306
CHR3	15206978	CHR3:15206978	SSF x Far_LoA	-8,88743134	0,077	0,319
CHR3	15207128	CHR3:15207128	SSF x Far_LoA	-9,01641353	0,022	0,310
CHR3	15215570	CHR3:15215570	SSF x Far_LoA	-10,849459	0,012	0,315

CHR3	15215668	CHR3:15215668	SSF x Far_LoA	-9,26734706	0,075	0,295
CHR3	15215702	CHR3:15215702	SSF x Far_LoA	-7,27495555	0,022	0,313
CHR3	15215786	CHR3:15215786	SSF x Far_LoA	-11,0162048	0,058	0,309
CHR3	15215796	CHR3:15215796	SSF x Far_LoA	-10,4575453	-0,083	0,314
CHR3	15215816	CHR3:15215816	SSF x Far_LoA	-9,89312141	0,035	0,306
CHR3	15218208	CHR3:15218208	SSF x Far_LoA	-5,39368243	0,167	0,301
CHR3	15228993	CHR3:15228993	SSF x Far_LoA	-9,74588912	-0,021	0,320
CHR3	15229083	CHR3:15229083	SSF x Far_LoA	-7,2236595	0,079	0,301
CHR3	15229185	CHR3:15229185	SSF x Far_LoA	-11,3600818	0,040	0,310
CHR3	15229187	CHR3:15229187	SSF x Far_LoA	-10,2068504	0,050	0,314
CHR3	15230883	CHR3:15230883	SSF x Far_LoA	-8,84845564	-0,027	0,303
CHR3	15230884	CHR3:15230884	SSF x Far_LoA	-9,0887194	-0,063	0,298
CHR3	15230896	CHR3:15230896	SSF x Far_LoA	-9,18757684	-0,054	0,309
CHR3	15230907	CHR3:15230907	SSF x Far_LoA	-8,8351341	-0,084	0,303
CHR3	15230991	CHR3:15230991	SSF x Far_LoA	-8,75843409	-0,019	0,310
CHR3	15230995	CHR3:15230995	SSF x Far_LoA	-6,89814911	-0,007	0,314
CHR3	15230997	CHR3:15230997	SSF x Far_LoA	-5,70483174	-0,015	0,310
CHR3	15231057	CHR3:15231057	SSF x Far_LoA	-5,8204081	-0,116	0,304
CHR3	15251770	CHR3:15251770	SSF x Far_LoA	-10,4620324	0,035	0,305
CHR3	15251816	CHR3:15251816	SSF x Far_LoA	-9,00828501	-0,086	0,303
CHR3	15267671	CHR3:15267671	SSF x Far_LoA	-6,76850035	0,129	0,312
CHR3	15267688	CHR3:15267688	SSF x Far_LoA	-9,18936524	0,163	0,296
CHR3	15267765	CHR3:15267765	SSF x Far_LoA	-11,5161573	-0,018	0,304
CHR3	15275234	CHR3:15275234	SSF x Far_LoA	-8,31801527	-0,132	0,304
CHR3	15275319	CHR3:15275319	SSF x Far_LoA	-6,81257748	0,213	0,298
CHR3	15275398	CHR3:15275398	SSF x Far_LoA	-9,94262326	-0,073	0,316
CHR3	15284460	CHR3:15284460	SSF x Far_LoA	-8,54716166	-0,137	0,308
CHR3	15286708	CHR3:15286708	SSF x Far_LoA	-10,4244831	-0,005	0,310
CHR3	15288875	CHR3:15288875	SSF x Far_LoA	-6,51019729	0,242	0,291
CHR3	15288878	CHR3:15288878	SSF x Far_LoA	-2,71189651	0,255	0,290
CHR3	15288928	CHR3:15288928	SSF x Far_LoA	-11,3557846	0,059	0,305
CHR3	15297596	CHR3:15297596	SSF x Far_LoA	-8,00864695	0,079	0,308
CHR3	15297632	CHR3:15297632	SSF x Far_LoA	-9,40271071	0,080	0,292
CHR3	15297645	CHR3:15297645	SSF x Far_LoA	-9,03155797	0,071	0,294
CHR3	15297725	CHR3:15297725	SSF x Far_LoA	-6,16251126	-0,104	0,311
CHR3	15297731	CHR3:15297731	SSF x Far_LoA	-7,20957393	-0,021	0,308
CHR3	15297734	CHR3:15297734	SSF x Far_LoA	-6,5229549	-0,083	0,317
CHR3	15297814	CHR3:15297814	SSF x Far_LoA	-8,47093352	0,030	0,293
CHR3	15301598	CHR3:15301598	SSF x Far_LoA	-6,40491665	0,217	0,290
CHR3	15301811	CHR3:15301811	SSF x Far_LoA	-6,90279305	0,151	0,287
CHR3	15301812	CHR3:15301812	SSF x Far_LoA	-8,49366364	0,172	0,303
CHR3	15301836	CHR3:15301836	SSF x Far_LoA	-8,06461466	0,144	0,296
CHR3	15301842	CHR3:15301842	SSF x Far_LoA	-8,4089024	0,106	0,317
CHR3	15303881	CHR3:15303881	SSF x Far_LoA	-8,52382984	-0,038	0,310
CHR3	15303922	CHR3:15303922	SSF x Far_LoA	-7,06906122	0,161	0,294
CHR3	15303954	CHR3:15303954	SSF x Far_LoA	-8,94454316	0,023	0,323
CHR3	15307923	CHR3:15307923	SSF x Far_LoA	-8,68487411	0,049	0,315
CHR3	15311490	CHR3:15311490	SSF x Far_LoA	-6,81152279	-0,164	0,301
CHR3	15311636	CHR3:15311636	SSF x Far_LoA	-10,0780152	-0,115	0,305
CHR3	15315127	CHR3:15315127	SSF x Far_LoA	-5,03610819	-0,158	0,288
CHR3	15321825	CHR3:15321825	SSF x Far_LoA	-10,2894071	-0,009	0,302
CHR3	15321891	CHR3:15321891	SSF x Far_LoA	-9,35684515	0,017	0,318
CHR3	15322206	CHR3:15322206	SSF x Far_LoA	-9,46492809	0,019	0,324

CHR3	15322265	CHR3:15322265	SSF x Far_LoA	-9,33991588	0,001	0,312
CHR3	15355584	CHR3:15355584	SSF x Far_LoA	-9,64554228	0,139	0,304
CHR3	15355587	CHR3:15355587	SSF x Far_LoA	-9,48028152	0,116	0,314
CHR3	15363456	CHR3:15363456	SSF x Far_LoA	-11,3842658	-0,066	0,301
CHR3	15363501	CHR3:15363501	SSF x Far_LoA	-8,87806572	-0,026	0,311
CHR3	15364257	CHR3:15364257	SSF x Far_LoA	-8,04773673	0,100	0,302
CHR3	15367379	CHR3:15367379	SSF x Far_LoA	-8,20974704	-0,077	0,309
CHR3	15367455	CHR3:15367455	SSF x Far_LoA	-6,48847137	-0,126	0,302
CHR3	15371325	CHR3:15371325	SSF x Far_LoA	-10,7213576	-0,094	0,292
CHR3	15371343	CHR3:15371343	SSF x Far_LoA	-7,23921043	0,026	0,331
CHR3	15371376	CHR3:15371376	SSF x Far_LoA	-9,29542295	-0,110	0,309
CHR3	15371591	CHR3:15371591	SSF x Far_LoA	-9,85719435	0,052	0,307
CHR3	15379937	CHR3:15379937	SSF x Far_LoA	-9,13754279	-0,014	0,313
CHR3	15380129	CHR3:15380129	SSF x Far_LoA	-10,1567321	0,015	0,314
CHR3	15386875	CHR3:15386875	SSF x Far_LoA	-8,07336163	0,126	0,296
CHR3	15386910	CHR3:15386910	SSF x Far_LoA	-8,83074661	-0,072	0,308
CHR3	15387002	CHR3:15387002	SSF x Far_LoA	-9,22317272	-0,013	0,312
CHR3	15392840	CHR3:15392840	SSF x Far_LoA	-3,49611874	0,024	0,303
CHR3	15392851	CHR3:15392851	SSF x Far_LoA	-9,43794587	0,040	0,308
CHR3	15395310	CHR3:15395310	SSF x Far_LoA	-8,96858897	-0,029	0,310
CHR3	15399470	CHR3:15399470	SSF x Far_LoA	-6,8377367	0,030	0,308
CHR3	15401939	CHR3:15401939	SSF x Far_LoA	-10,1870632	-0,061	0,304
CHR3	15409513	CHR3:15409513	SSF x Far_LoA	-5,14881114	-0,030	0,320
CHR3	15409599	CHR3:15409599	SSF x Far_LoA	-9,20577893	-0,061	0,302
CHR3	15412564	CHR3:15412564	SSF x Far_LoA	-9,18484893	-0,103	0,308
CHR3	15414802	CHR3:15414802	SSF x Far_LoA	-8,68314642	0,109	0,298
CHR3	15417066	CHR3:15417066	SSF x Far_LoA	-10,4632005	0,058	0,316
CHR3	15418368	CHR3:15418368	SSF x Far_LoA	-10,1042909	-0,148	0,303
CHR3	15418392	CHR3:15418392	SSF x Far_LoA	-5,27652732	-0,101	0,310
CHR3	15418467	CHR3:15418467	SSF x Far_LoA	-10,6030035	-0,040	0,309
CHR3	15418515	CHR3:15418515	SSF x Far_LoA	-10,4170241	-0,024	0,304
CHR3	15432149	CHR3:15432149	SSF x Far_LoA	-7,34689798	-0,162	0,315
CHR3	15432154	CHR3:15432154	SSF x Far_LoA	-9,44147623	0,180	0,286
CHR3	15432168	CHR3:15432168	SSF x Far_LoA	-9,77799342	0,096	0,316
CHR3	15439600	CHR3:15439600	SSF x Far_LoA	-8,25759565	0,017	0,311
CHR3	15439647	CHR3:15439647	SSF x Far_LoA	-9,33639557	-0,035	0,299
CHR3	15440014	CHR3:15440014	SSF x Far_LoA	-11,7911236	0,034	0,305
CHR3	15444343	CHR3:15444343	SSF x Far_LoA	-10,3741955	-0,072	0,299
CHR3	15451914	CHR3:15451914	SSF x Far_LoA	-10,2965735	0,003	0,295
CHR3	15451915	CHR3:15451915	SSF x Far_LoA	-9,20447669	0,028	0,312
CHR3	15454168	CHR3:15454168	SSF x Far_LoA	-10,3741348	0,046	0,302
CHR3	15462150	CHR3:15462150	SSF x Far_LoA	-9,45274096	0,145	0,302
CHR3	15462187	CHR3:15462187	SSF x Far_LoA	-7,84289492	-0,065	0,306
CHR3	15462205	CHR3:15462205	SSF x Far_LoA	-6,46308569	-0,107	0,291
CHR3	15468364	CHR3:15468364	SSF x Far_LoA	-7,36896667	-0,032	0,311
CHR3	15476640	CHR3:15476640	SSF x Far_LoA	-10,6379644	-0,088	0,310
CHR3	15476662	CHR3:15476662	SSF x Far_LoA	-7,04628946	-0,091	0,327
CHR3	15480858	CHR3:15480858	SSF x Far_LoA	-8,02808416	0,137	0,306
CHR3	15483735	CHR3:15483735	SSF x Far_LoA	-9,68242178	-0,049	0,310
CHR3	15483818	CHR3:15483818	SSF x Far_LoA	-9,50847522	0,008	0,300
CHR3	15492485	CHR3:15492485	SSF x Far_LoA	-9,759564	0,003	0,315
CHR3	15492491	CHR3:15492491	SSF x Far_LoA	-6,98215543	0,259	0,281
CHR3	15492511	CHR3:15492511	SSF x Far_LoA	-10,6069061	0,006	0,311

CHR3	15494383	CHR3:15494383	SSF x Far_LoA	-8,18619088	0,051	0,316
CHR3	15494467	CHR3:15494467	SSF x Far_LoA	-9,23651729	-0,028	0,303
CHR3	15496992	CHR3:15496992	SSF x Far_LoA	-11,5786708	0,056	0,305
CHR3	15497008	CHR3:15497008	SSF x Far_LoA	-7,74602375	0,047	0,314
CHR3	15497034	CHR3:15497034	SSF x Far_LoA	-8,65202707	-0,045	0,308
CHR3	15497289	CHR3:15497289	SSF x Far_LoA	-11,8630961	-0,015	0,304
CHR3	15497331	CHR3:15497331	SSF x Far_LoA	-6,55789738	0,110	0,308
CHR3	15507505	CHR3:15507505	SSF x Far_LoA	-11,4437988	0,011	0,306
CHR3	15507642	CHR3:15507642	SSF x Far_LoA	-9,79787829	-0,048	0,294
CHR3	15510068	CHR3:15510068	SSF x Far_LoA	-9,90811975	0,010	0,298
CHR3	15510157	CHR3:15510157	SSF x Far_LoA	-11,4470937	-0,020	0,309
CHR3	15510175	CHR3:15510175	SSF x Far_LoA	-7,80781746	-0,061	0,300
CHR3	15510298	CHR3:15510298	SSF x Far_LoA	-6,97480584	0,131	0,293
CHR3	15524686	CHR3:15524686	SSF x Far_LoA	-10,0781862	0,037	0,309
CHR3	15529525	CHR3:15529525	SSF x Far_LoA	9,37862749	0,023	0,307
CHR3	15529776	CHR3:15529776	SSF x Far_LoA	-11,7705528	-0,047	0,313
CHR3	15531177	CHR3:15531177	SSF x Far_LoA	-10,3367948	-0,055	0,317
CHR3	15535505	CHR3:15535505	SSF x Far_LoA	-9,10672687	-0,048	0,298
CHR3	15574785	CHR3:15574785	SSF x Far_LoA	-2,74363554	0,043	0,306
CHR3	15587935	CHR3:15587935	SSF x Far_LoA	-5,07739144	0,075	0,292
CHR3	15587991	CHR3:15587991	SSF x Far_LoA	-10,0909019	-0,077	0,307
CHR3	15596973	CHR3:15596973	SSF x Far_LoA	-6,58793419	0,020	0,311
CHR3	15597051	CHR3:15597051	SSF x Far_LoA	-9,81935902	0,067	0,309
CHR3	15635870	CHR3:15635870	SSF x Far_LoA	-9,22880094	0,080	0,301
CHR3	15635950	CHR3:15635950	SSF x Far_LoA	0,07362738	0,199	0,300
CHR3	15637035	CHR3:15637035	SSF x Far_LoA	-4,78221614	-0,185	0,298
CHR3	15649949	CHR3:15649949	SSF x Far_LoA	-11,0818675	0,014	0,311
CHR3	15661856	CHR3:15661856	SSF x Far_LoA	-9,79702697	-0,034	0,299
CHR3	15664716	CHR3:15664716	SSF x Far_LoA	-11,5820735	-0,034	0,303
CHR3	15664770	CHR3:15664770	SSF x Far_LoA	-8,46658829	0,058	0,301
CHR3	1566642	CHR3:1566642	SSF x Far_LoA	-8,80750734	0,028	0,301
CHR3	15679344	CHR3:15679344	SSF x Far_LoA	-8,60681831	-0,165	0,299
CHR3	15679368	CHR3:15679368	SSF x Far_LoA	-7,14865021	-0,203	0,297
CHR3	15679406	CHR3:15679406	SSF x Far_LoA	-10,6978834	0,104	0,310
CHR3	15679450	CHR3:15679450	SSF x Far_LoA	-12,0176298	0,048	0,312
CHR3	15681503	CHR3:15681503	SSF x Far_LoA	-11,2561125	-0,015	0,314
CHR3	15684500	CHR3:15684500	SSF x Far_LoA	-11,9548255	-0,011	0,310
CHR3	15684535	CHR3:15684535	SSF x Far_LoA	-8,13309876	0,049	0,311
CHR3	15684541	CHR3:15684541	SSF x Far_LoA	-9,6905865	0,080	0,303
CHR3	15684590	CHR3:15684590	SSF x Far_LoA	-6,75401138	0,062	0,306
CHR3	15684593	CHR3:15684593	SSF x Far_LoA	-9,7417936	0,052	0,302
CHR3	15684597	CHR3:15684597	SSF x Far_LoA	-4,34366581	0,048	0,301
CHR3	15684599	CHR3:15684599	SSF x Far_LoA	-11,6640366	-0,064	0,302
CHR3	15684619	CHR3:15684619	SSF x Far_LoA	-9,61222029	0,094	0,307
CHR3	15684656	CHR3:15684656	SSF x Far_LoA	-12,7854573	-0,033	0,296
CHR3	15693277	CHR3:15693277	SSF x Far_LoA	-9,3712663	-0,057	0,309
CHR3	15693316	CHR3:15693316	SSF x Far_LoA	-9,49592357	-0,005	0,304
CHR3	15693396	CHR3:15693396	SSF x Far_LoA	-8,49726468	0,012	0,305
CHR3	15696655	CHR3:15696655	SSF x Far_LoA	-8,31899898	0,216	0,300
CHR3	15697754	CHR3:15697754	SSF x Far_LoA	-10,6008214	0,017	0,301
CHR3	15697755	CHR3:15697755	SSF x Far_LoA	-11,1220936	0,020	0,300
CHR3	15697756	CHR3:15697756	SSF x Far_LoA	-10,7327964	0,088	0,306
CHR3	15704941	CHR3:15704941	SSF x Far_LoA	-11,1991504	-0,006	0,288

CHR3	15704950	CHR3:15704950	SSF x Far_LoA	-5,39418801	0,107	0,303
CHR3	15704957	CHR3:15704957	SSF x Far_LoA	-10,3645401	0,095	0,302
CHR3	15704976	CHR3:15704976	SSF x Far_LoA	-8,33310395	0,015	0,309
CHR3	15704982	CHR3:15704982	SSF x Far_LoA	-9,77152395	0,084	0,309
CHR3	15708531	CHR3:15708531	SSF x Far_LoA	-2,25115228	-0,035	0,310
CHR3	15708545	CHR3:15708545	SSF x Far_LoA	-7,11426836	-0,109	0,314
CHR3	15708546	CHR3:15708546	SSF x Far_LoA	-8,00213436	0,065	0,301
CHR3	15708555	CHR3:15708555	SSF x Far_LoA	-9,24346506	0,066	0,312
CHR3	15708587	CHR3:15708587	SSF x Far_LoA	-10,8558388	-0,025	0,308
CHR3	15708614	CHR3:15708614	SSF x Far_LoA	-7,43720992	-0,121	0,307
CHR3	15708630	CHR3:15708630	SSF x Far_LoA	-8,49961031	-0,028	0,320
CHR3	15712607	CHR3:15712607	SSF x Far_LoA	-9,82059672	0,005	0,302
CHR3	15712625	CHR3:15712625	SSF x Far_LoA	-8,92730526	-0,088	0,296
CHR3	15712657	CHR3:15712657	SSF x Far_LoA	-10,6193436	0,037	0,302
CHR3	15712801	CHR3:15712801	SSF x Far_LoA	-8,41033494	0,046	0,314
CHR3	15712805	CHR3:15712805	SSF x Far_LoA	-8,58882879	0,055	0,307
CHR3	15712807	CHR3:15712807	SSF x Far_LoA	-8,72248599	-0,010	0,303
CHR3	15712818	CHR3:15712818	SSF x Far_LoA	-5,61837208	0,019	0,317
CHR3	15712827	CHR3:15712827	SSF x Far_LoA	-9,78227929	-0,033	0,310
CHR3	15712837	CHR3:15712837	SSF x Far_LoA	-8,63432234	-0,009	0,322
CHR3	15713954	CHR3:15713954	SSF x Far_LoA	-11,0047659	-0,001	0,319
CHR3	15714004	CHR3:15714004	SSF x Far_LoA	-8,43634963	0,062	0,304
CHR3	15714210	CHR3:15714210	SSF x Far_LoA	-8,32112523	0,054	0,303
CHR3	15714273	CHR3:15714273	SSF x Far_LoA	-12,135712	0,039	0,301
CHR3	15741205	CHR3:15741205	SSF x Far_LoA	-7,67182789	-0,090	0,303
CHR3	15741303	CHR3:15741303	SSF x Far_LoA	-7,53204845	-0,072	0,316
CHR3	15741394	CHR3:15741394	SSF x Far_LoA	-9,89974555	0,030	0,304
CHR3	15755009	CHR3:15755009	SSF x Far_LoA	-7,91175609	-0,017	0,316
CHR3	15755305	CHR3:15755305	SSF x Far_LoA	-10,1302553	0,076	0,314
CHR3	15764532	CHR3:15764532	SSF x Far_LoA	-4,78184179	0,089	0,317
CHR3	15764559	CHR3:15764559	SSF x Far_LoA	-9,42760479	0,078	0,312
CHR3	15764560	CHR3:15764560	SSF x Far_LoA	-5,61759808	0,027	0,310
CHR3	15764585	CHR3:15764585	SSF x Far_LoA	-9,52675611	0,083	0,305
CHR3	15764589	CHR3:15764589	SSF x Far_LoA	-8,90953085	-0,014	0,300
CHR3	15764590	CHR3:15764590	SSF x Far_LoA	-9,38884525	0,088	0,314
CHR3	15766291	CHR3:15766291	SSF x Far_LoA	-6,17646651	-0,154	0,319
CHR3	15766327	CHR3:15766327	SSF x Far_LoA	-9,25445563	0,146	0,292
CHR3	15766336	CHR3:15766336	SSF x Far_LoA	-10,1751185	-0,038	0,318
CHR3	15766339	CHR3:15766339	SSF x Far_LoA	-8,16048452	-0,060	0,311
CHR3	15766387	CHR3:15766387	SSF x Far_LoA	-8,13710178	0,074	0,304
CHR3	15766390	CHR3:15766390	SSF x Far_LoA	-9,04994206	0,118	0,315
CHR3	15766396	CHR3:15766396	SSF x Far_LoA	-6,8326653	0,129	0,295
CHR3	15766405	CHR3:15766405	SSF x Far_LoA	-9,65827588	0,095	0,304
CHR3	15766408	CHR3:15766408	SSF x Far_LoA	-10,5846983	0,114	0,303
CHR3	15766413	CHR3:15766413	SSF x Far_LoA	-11,1749529	0,117	0,289
CHR3	15766439	CHR3:15766439	SSF x Far_LoA	-5,11620344	-0,133	0,304
CHR3	15766476	CHR3:15766476	SSF x Far_LoA	-5,23013161	-0,065	0,319
CHR3	15766484	CHR3:15766484	SSF x Far_LoA	-12,0156454	-0,019	0,316
CHR3	15766507	CHR3:15766507	SSF x Far_LoA	-8,74632503	0,084	0,306
CHR3	15769497	CHR3:15769497	SSF x Far_LoA	-8,96926203	-0,114	0,304
CHR3	15769580	CHR3:15769580	SSF x Far_LoA	-10,073652	-0,094	0,310
CHR3	15769596	CHR3:15769596	SSF x Far_LoA	-3,37184528	-0,099	0,309
CHR3	15771462	CHR3:15771462	SSF x Far_LoA	-10,8177362	0,083	0,309

CHR3	15771473	CHR3:15771473	SSF x Far_LoA	-10,1644053	0,019	0,305
CHR3	15771474	CHR3:15771474	SSF x Far_LoA	-8,75128267	-0,091	0,311
CHR3	15771523	CHR3:15771523	SSF x Far_LoA	-8,10754476	0,023	0,319
CHR3	15771584	CHR3:15771584	SSF x Far_LoA	-8,62384529	0,092	0,312
CHR3	15771622	CHR3:15771622	SSF x Far_LoA	-9,90853811	-0,017	0,309
CHR3	15771672	CHR3:15771672	SSF x Far_LoA	-11,543615	0,030	0,305
CHR3	15783485	CHR3:15783485	SSF x Far_LoA	-7,98046894	-0,091	0,295
CHR3	15783489	CHR3:15783489	SSF x Far_LoA	-7,50141501	0,174	0,305
CHR3	15783525	CHR3:15783525	SSF x Far_LoA	-1,1000762	0,268	0,282
CHR3	15783527	CHR3:15783527	SSF x Far_LoA	-9,9911593	-0,144	0,294
CHR3	15783579	CHR3:15783579	SSF x Far_LoA	2,12124021	0,229	0,280
CHR3	15783603	CHR3:15783603	SSF x Far_LoA	-9,11309748	-0,013	0,310
CHR3	15805455	CHR3:15805455	SSF x Far_LoA	-9,38845172	0,001	0,322
CHR3	15805476	CHR3:15805476	SSF x Far_LoA	-2,30989091	-0,008	0,318
CHR3	15807178	CHR3:15807178	SSF x Far_LoA	-9,37372738	-0,035	0,311
CHR3	15807277	CHR3:15807277	SSF x Far_LoA	-10,751935	0,008	0,309
CHR3	15812183	CHR3:15812183	SSF x Far_LoA	-10,5041312	0,022	0,321
CHR3	15825106	CHR3:15825106	SSF x Far_LoA	-11,9599487	0,066	0,308
CHR3	15825505	CHR3:15825505	SSF x Far_LoA	-6,77986763	0,067	0,311
CHR3	15828970	CHR3:15828970	SSF x Far_LoA	-9,82193202	0,118	0,296
CHR3	15829081	CHR3:15829081	SSF x Far_LoA	-7,82364638	0,055	0,323
CHR3	15830259	CHR3:15830259	SSF x Far_LoA	-9,31235747	0,019	0,310
CHR3	15831306	CHR3:15831306	SSF x Far_LoA	-9,72383484	-0,048	0,299
CHR3	15831310	CHR3:15831310	SSF x Far_LoA	-5,14990595	-0,123	0,293
CHR3	15832767	CHR3:15832767	SSF x Far_LoA	-8,94821455	-0,014	0,332
CHR3	15832774	CHR3:15832774	SSF x Far_LoA	-10,7224929	-0,059	0,314
CHR3	15837849	CHR3:15837849	SSF x Far_LoA	-8,43390471	0,128	0,308
CHR3	15860260	CHR3:15860260	SSF x Far_LoA	-11,2821288	-0,046	0,308
CHR3	15868359	CHR3:15868359	SSF x Far_LoA	-10,5284824	-0,027	0,307
CHR3	15868370	CHR3:15868370	SSF x Far_LoA	-10,9406617	0,131	0,293
CHR3	15868403	CHR3:15868403	SSF x Far_LoA	-8,22020597	-0,068	0,310
CHR3	15868443	CHR3:15868443	SSF x Far_LoA	-9,2444159	-0,043	0,311
CHR3	15868453	CHR3:15868453	SSF x Far_LoA	-7,89516106	-0,043	0,310
CHR3	15868462	CHR3:15868462	SSF x Far_LoA	-10,0723968	-0,089	0,317
CHR3	15870170	CHR3:15870170	SSF x Far_LoA	-9,43406462	-0,026	0,303
CHR3	15870183	CHR3:15870183	SSF x Far_LoA	-10,2788111	0,000	0,298
CHR3	15872633	CHR3:15872633	SSF x Far_LoA	-9,06631937	-0,072	0,318
CHR3	15872785	CHR3:15872785	SSF x Far_LoA	-11,6784252	0,020	0,308
CHR3	15872841	CHR3:15872841	SSF x Far_LoA	-10,7761078	0,017	0,297
CHR3	15875793	CHR3:15875793	SSF x Far_LoA	-9,99484667	-0,030	0,303
CHR3	15875988	CHR3:15875988	SSF x Far_LoA	-11,1848372	-0,044	0,319
CHR3	15880523	CHR3:15880523	SSF x Far_LoA	-10,8089759	-0,012	0,301
CHR3	15880561	CHR3:15880561	SSF x Far_LoA	-10,5694271	-0,006	0,323
CHR3	15880617	CHR3:15880617	SSF x Far_LoA	-7,58218341	-0,128	0,304
CHR3	15888085	CHR3:15888085	SSF x Far_LoA	-8,25687532	0,007	0,315
CHR3	15888153	CHR3:15888153	SSF x Far_LoA	-9,49015599	0,079	0,300
CHR3	15892043	CHR3:15892043	SSF x Far_LoA	-7,51605947	0,050	0,322
CHR3	15892054	CHR3:15892054	SSF x Far_LoA	-8,87701887	-0,005	0,307
CHR3	15892078	CHR3:15892078	SSF x Far_LoA	-9,21324214	0,051	0,308
CHR3	15895390	CHR3:15895390	SSF x Far_LoA	-7,99630909	0,078	0,305
CHR3	15906058	CHR3:15906058	SSF x Far_LoA	-9,07069695	0,114	0,295
CHR3	15906059	CHR3:15906059	SSF x Far_LoA	-7,53111867	0,123	0,298
CHR3	15906091	CHR3:15906091	SSF x Far_LoA	-6,86499364	0,112	0,313

CHR3	15906152	CHR3:15906152	SSF x Far_LoA	-10,5211439	0,111	0,286
CHR3	15908880	CHR3:15908880	SSF x Far_LoA	-7,91368851	-0,084	0,308
CHR3	15911476	CHR3:15911476	SSF x Far_LoA	-11,4415027	0,026	0,312
CHR3	15911496	CHR3:15911496	SSF x Far_LoA	-9,33162951	0,022	0,297
CHR3	15911502	CHR3:15911502	SSF x Far_LoA	-10,8644909	-0,045	0,299
CHR3	15911513	CHR3:15911513	SSF x Far_LoA	-8,32396033	0,020	0,302
CHR3	15911569	CHR3:15911569	SSF x Far_LoA	-8,07796316	0,022	0,293
CHR3	15911570	CHR3:15911570	SSF x Far_LoA	-10,4446352	0,079	0,308
CHR3	15915081	CHR3:15915081	SSF x Far_LoA	-9,54733505	-0,116	0,293
CHR3	15915111	CHR3:15915111	SSF x Far_LoA	-8,75386652	0,060	0,309
CHR3	15918901	CHR3:15918901	SSF x Far_LoA	-11,9034954	-0,029	0,298
CHR3	15918907	CHR3:15918907	SSF x Far_LoA	-5,60563903	-0,130	0,304
CHR3	15918927	CHR3:15918927	SSF x Far_LoA	-11,557092	-0,004	0,305
CHR3	15921297	CHR3:15921297	SSF x Far_LoA	1,60084155	0,061	0,318
CHR3	15921342	CHR3:15921342	SSF x Far_LoA	-10,0265834	-0,032	0,327
CHR3	15924232	CHR3:15924232	SSF x Far_LoA	-11,3557422	0,044	0,303
CHR3	15924257	CHR3:15924257	SSF x Far_LoA	-7,94086071	0,148	0,291
CHR3	15924267	CHR3:15924267	SSF x Far_LoA	-6,65864405	0,163	0,299
CHR3	15924310	CHR3:15924310	SSF x Far_LoA	-10,0542628	-0,145	0,291
CHR3	15924328	CHR3:15924328	SSF x Far_LoA	-9,12296086	-0,130	0,310
CHR3	15924385	CHR3:15924385	SSF x Far_LoA	-4,81793888	0,035	0,313
CHR3	15924457	CHR3:15924457	SSF x Far_LoA	-3,8392552	0,150	0,298
CHR3	15929995	CHR3:15929995	SSF x Far_LoA	-8,83484643	-0,009	0,293
CHR3	15930011	CHR3:15930011	SSF x Far_LoA	-6,99596794	0,020	0,300
CHR3	15930017	CHR3:15930017	SSF x Far_LoA	-9,85587809	0,038	0,287
CHR3	15930053	CHR3:15930053	SSF x Far_LoA	-11,3731694	0,008	0,305
CHR3	15930181	CHR3:15930181	SSF x Far_LoA	-7,80027788	0,056	0,306
CHR3	15937861	CHR3:15937861	SSF x Far_LoA	-9,56221591	-0,090	0,297
CHR3	15937884	CHR3:15937884	SSF x Far_LoA	-8,09445751	-0,028	0,313
CHR3	15937935	CHR3:15937935	SSF x Far_LoA	-10,307003	-0,029	0,312
CHR3	15938028	CHR3:15938028	SSF x Far_LoA	-11,1667537	0,012	0,299
CHR3	15948749	CHR3:15948749	SSF x Far_LoA	-9,90254229	-0,003	0,302
CHR3	15948763	CHR3:15948763	SSF x Far_LoA	-9,98325175	-0,039	0,298
CHR3	15948772	CHR3:15948772	SSF x Far_LoA	-9,8461893	0,076	0,300
CHR3	15948827	CHR3:15948827	SSF x Far_LoA	-10,5232815	0,010	0,287
CHR3	15950104	CHR3:15950104	SSF x Far_LoA	-9,58034581	0,005	0,307
CHR3	15950204	CHR3:15950204	SSF x Far_LoA	-10,3050127	0,013	0,317
CHR3	15952687	CHR3:15952687	SSF x Far_LoA	-1,09738543	-0,084	0,306
CHR3	15952714	CHR3:15952714	SSF x Far_LoA	-10,5491662	-0,088	0,312
CHR3	15967709	CHR3:15967709	SSF x Far_LoA	-10,8538633	-0,027	0,308
CHR3	15972104	CHR3:15972104	SSF x Far_LoA	-8,63957636	-0,137	0,288
CHR3	15972118	CHR3:15972118	SSF x Far_LoA	-10,2296731	0,088	0,310
CHR3	15972181	CHR3:15972181	SSF x Far_LoA	-10,5459623	0,069	0,306
CHR3	15972324	CHR3:15972324	SSF x Far_LoA	-6,9228062	0,111	0,296
CHR3	15972338	CHR3:15972338	SSF x Far_LoA	-9,82094212	-0,128	0,305
CHR3	15983824	CHR3:15983824	SSF x Far_LoA	-4,06735023	-0,120	0,305
CHR3	15985908	CHR3:15985908	SSF x Far_LoA	-1,46912916	0,155	0,307
CHR3	15985954	CHR3:15985954	SSF x Far_LoA	-8,10296391	0,149	0,297
CHR3	15985957	CHR3:15985957	SSF x Far_LoA	-9,73506363	0,031	0,295
CHR3	15985987	CHR3:15985987	SSF x Far_LoA	-9,40868606	0,007	0,322
CHR3	15986008	CHR3:15986008	SSF x Far_LoA	-8,21838632	0,018	0,307
CHR3	15986022	CHR3:15986022	SSF x Far_LoA	-10,9770565	0,032	0,309
CHR3	15989221	CHR3:15989221	SSF x Far_LoA	-7,92166996	-0,163	0,318

CHR3	15993745	CHR3:15993745	SSF x Far_LoA	-11,3097598	-0,033	0,308
CHR3	16007881	CHR3:16007881	SSF x Far_LoA	-10,8596086	-0,039	0,313
CHR3	16008106	CHR3:16008106	SSF x Far_LoA	-6,1256464	0,082	0,305
CHR3	16008108	CHR3:16008108	SSF x Far_LoA	-5,61738635	0,079	0,297
CHR3	16016791	CHR3:16016791	SSF x Far_LoA	-10,1989522	-0,008	0,318
CHR3	16016890	CHR3:16016890	SSF x Far_LoA	-8,77232109	-0,001	0,308
CHR3	16016975	CHR3:16016975	SSF x Far_LoA	-6,13139349	-0,062	0,313
CHR3	16024560	CHR3:16024560	SSF x Far_LoA	-10,8378926	-0,015	0,307
CHR3	16029379	CHR3:16029379	SSF x Far_LoA	-9,62725868	-0,004	0,304
CHR3	16035036	CHR3:16035036	SSF x Far_LoA	-7,98761037	0,007	0,307
CHR3	16037209	CHR3:16037209	SSF x Far_LoA	-10,7546752	-0,008	0,305
CHR3	16037227	CHR3:16037227	SSF x Far_LoA	-9,45888787	-0,071	0,304
CHR3	16037238	CHR3:16037238	SSF x Far_LoA	-10,5747623	0,031	0,313
CHR3	16037247	CHR3:16037247	SSF x Far_LoA	-6,44598451	-0,128	0,311
CHR3	16058707	CHR3:16058707	SSF x Far_LoA	-9,44931138	0,113	0,309
CHR3	16058715	CHR3:16058715	SSF x Far_LoA	-8,40428297	0,108	0,302
CHR3	16061298	CHR3:16061298	SSF x Far_LoA	-10,5898064	-0,088	0,307
CHR3	16061317	CHR3:16061317	SSF x Far_LoA	-9,27965752	0,045	0,315
CHR3	16072485	CHR3:16072485	SSF x Far_LoA	-10,4474571	0,003	0,298
CHR3	16072685	CHR3:16072685	SSF x Far_LoA	-8,67277142	0,061	0,300
CHR3	16080389	CHR3:16080389	SSF x Far_LoA	-9,49823129	-0,029	0,311
CHR3	16080398	CHR3:16080398	SSF x Far_LoA	-7,0752459	-0,056	0,318
CHR3	16080405	CHR3:16080405	SSF x Far_LoA	-11,2905041	0,029	0,307
CHR3	16080524	CHR3:16080524	SSF x Far_LoA	-7,09827234	-0,143	0,312
CHR3	16080530	CHR3:16080530	SSF x Far_LoA	17,8845121	-0,116	0,307
CHR3	16090156	CHR3:16090156	SSF x Far_LoA	-9,80380922	-0,048	0,307
CHR3	16090347	CHR3:16090347	SSF x Far_LoA	-9,60689618	0,127	0,312
CHR3	16105770	CHR3:16105770	SSF x Far_LoA	-11,0537579	0,099	0,301
CHR3	16105773	CHR3:16105773	SSF x Far_LoA	-11,7087807	0,041	0,311
CHR3	16111473	CHR3:16111473	SSF x Far_LoA	-8,07865226	-0,061	0,311
CHR3	16111474	CHR3:16111474	SSF x Far_LoA	-5,70346857	-0,104	0,310
CHR3	16111487	CHR3:16111487	SSF x Far_LoA	-10,9781395	0,004	0,305
CHR3	16111488	CHR3:16111488	SSF x Far_LoA	-10,3028238	-0,005	0,312
CHR3	16111549	CHR3:16111549	SSF x Far_LoA	-9,68131406	-0,001	0,305
CHR3	16111551	CHR3:16111551	SSF x Far_LoA	-8,38345467	-0,030	0,314
CHR3	16112857	CHR3:16112857	SSF x Far_LoA	-11,8858065	-0,031	0,303
CHR3	16113923	CHR3:16113923	SSF x Far_LoA	-12,1720463	0,004	0,294
CHR3	16114057	CHR3:16114057	SSF x Far_LoA	-10,7156299	0,100	0,310
CHR3	16114140	CHR3:16114140	SSF x Far_LoA	-12,0078519	-0,073	0,306
CHR3	16132683	CHR3:16132683	SSF x Far_LoA	-9,58879815	0,001	0,289
CHR3	16132687	CHR3:16132687	SSF x Far_LoA	-8,07551417	0,052	0,304
CHR3	16132854	CHR3:16132854	SSF x Far_LoA	-11,96511	-0,022	0,295
CHR3	16134935	CHR3:16134935	SSF x Far_LoA	-10,8301317	-0,071	0,310
CHR3	16134944	CHR3:16134944	SSF x Far_LoA	-9,7895371	-0,066	0,328
CHR3	16134945	CHR3:16134945	SSF x Far_LoA	-10,7369064	0,015	0,311
CHR3	16134960	CHR3:16134960	SSF x Far_LoA	-9,3033507	0,025	0,307
CHR3	16135014	CHR3:16135014	SSF x Far_LoA	-12,0107084	-0,002	0,303
CHR3	16135043	CHR3:16135043	SSF x Far_LoA	-10,0796311	0,010	0,309
CHR3	16135068	CHR3:16135068	SSF x Far_LoA	-11,1193631	0,003	0,305
CHR3	16139060	CHR3:16139060	SSF x Far_LoA	-5,95128683	-0,164	0,296
CHR3	16186649	CHR3:16186649	SSF x Far_LoA	-10,7453718	-0,025	0,291
CHR3	16189425	CHR3:16189425	SSF x Far_LoA	-9,00478231	-0,029	0,306
CHR3	16189466	CHR3:16189466	SSF x Far_LoA	-9,9176387	-0,026	0,303

CHR3	16189548	CHR3:16189548	SSF x Far_LoA	-9,15027124	-0,007	0,312
CHR3	16189551	CHR3:16189551	SSF x Far_LoA	-5,96902715	0,017	0,317
CHR3	16189575	CHR3:16189575	SSF x Far_LoA	-10,4968548	-0,024	0,294
CHR3	16189620	CHR3:16189620	SSF x Far_LoA	-8,60281882	-0,002	0,313
CHR3	16189621	CHR3:16189621	SSF x Far_LoA	-8,35642326	-0,112	0,302
CHR3	16193730	CHR3:16193730	SSF x Far_LoA	-9,96308954	-0,018	0,318
CHR3	16193901	CHR3:16193901	SSF x Far_LoA	-10,2169024	-0,022	0,304
CHR3	16193927	CHR3:16193927	SSF x Far_LoA	-10,6762117	-0,071	0,302
CHR3	16193953	CHR3:16193953	SSF x Far_LoA	-9,97721	-0,086	0,321
CHR3	1619804	CHR3:1619804	SSF x Far_LoA	-8,04639764	0,123	0,307
CHR3	1619955	CHR3:1619955	SSF x Far_LoA	-6,57316665	0,154	0,289
CHR3	16208950	CHR3:16208950	SSF x Far_LoA	-8,41967638	-0,022	0,302
CHR3	16212659	CHR3:16212659	SSF x Far_LoA	-10,4526595	0,059	0,312
CHR3	16212711	CHR3:16212711	SSF x Far_LoA	-7,53529426	-0,133	0,303
CHR3	16230282	CHR3:16230282	SSF x Far_LoA	-8,41964677	0,115	0,310
CHR3	16230298	CHR3:16230298	SSF x Far_LoA	-6,99305481	0,023	0,311
CHR3	16230336	CHR3:16230336	SSF x Far_LoA	-5,5358583	-0,072	0,297
CHR3	16230474	CHR3:16230474	SSF x Far_LoA	-9,63868787	0,065	0,303
CHR3	16230496	CHR3:16230496	SSF x Far_LoA	-7,71860051	-0,063	0,319
CHR3	16249007	CHR3:16249007	SSF x Far_LoA	-8,79911029	0,134	0,305
CHR3	16262031	CHR3:16262031	SSF x Far_LoA	-8,02254808	0,042	0,317
CHR3	16262070	CHR3:16262070	SSF x Far_LoA	-10,359246	0,050	0,312
CHR3	16262117	CHR3:16262117	SSF x Far_LoA	-9,39553821	-0,085	0,308
CHR3	16262153	CHR3:16262153	SSF x Far_LoA	-10,3899558	0,020	0,307
CHR3	16263587	CHR3:16263587	SSF x Far_LoA	-7,88674127	-0,122	0,299
CHR3	16274609	CHR3:16274609	SSF x Far_LoA	-9,46461008	0,056	0,298
CHR3	16274653	CHR3:16274653	SSF x Far_LoA	-9,10793916	0,041	0,319
CHR3	16274714	CHR3:16274714	SSF x Far_LoA	-8,98249905	0,041	0,306
CHR3	16282339	CHR3:16282339	SSF x Far_LoA	-10,4613762	-0,060	0,305
CHR3	16284868	CHR3:16284868	SSF x Far_LoA	-9,26130261	-0,008	0,306
CHR3	16284941	CHR3:16284941	SSF x Far_LoA	-9,56308932	0,020	0,291
CHR3	16284960	CHR3:16284960	SSF x Far_LoA	-6,80713808	-0,126	0,311
CHR3	16303533	CHR3:16303533	SSF x Far_LoA	-10,3297827	-0,077	0,300
CHR3	16303647	CHR3:16303647	SSF x Far_LoA	-9,848092	-0,085	0,304
CHR3	16303788	CHR3:16303788	SSF x Far_LoA	-10,4208285	-0,026	0,316
CHR3	16305380	CHR3:16305380	SSF x Far_LoA	-9,27719207	0,029	0,304
CHR3	16322511	CHR3:16322511	SSF x Far_LoA	-7,57414443	0,032	0,300
CHR3	16322539	CHR3:16322539	SSF x Far_LoA	-3,45940242	0,009	0,320
CHR3	16322583	CHR3:16322583	SSF x Far_LoA	-7,93802787	-0,003	0,303
CHR3	16323979	CHR3:16323979	SSF x Far_LoA	-10,7524373	0,023	0,310
CHR3	16328139	CHR3:16328139	SSF x Far_LoA	-6,46083048	-0,152	0,295
CHR3	16332145	CHR3:16332145	SSF x Far_LoA	-10,8460988	-0,022	0,307
CHR3	16332172	CHR3:16332172	SSF x Far_LoA	-7,1088297	-0,122	0,306
CHR3	16332244	CHR3:16332244	SSF x Far_LoA	-9,59568091	-0,096	0,300
CHR3	16332265	CHR3:16332265	SSF x Far_LoA	-8,8621696	-0,086	0,300
CHR3	16336834	CHR3:16336834	SSF x Far_LoA	-9,5000202	-0,116	0,302
CHR3	16336861	CHR3:16336861	SSF x Far_LoA	-7,82143778	-0,102	0,296
CHR3	16336908	CHR3:16336908	SSF x Far_LoA	-6,06324675	-0,065	0,306
CHR3	16336914	CHR3:16336914	SSF x Far_LoA	-9,21650307	-0,040	0,299
CHR3	16336921	CHR3:16336921	SSF x Far_LoA	-6,46054337	-0,039	0,309
CHR3	16336956	CHR3:16336956	SSF x Far_LoA	-7,29602778	-0,044	0,299
CHR3	16340273	CHR3:16340273	SSF x Far_LoA	-11,6430745	-0,006	0,301
CHR3	16350272	CHR3:16350272	SSF x Far_LoA	-11,812798	-0,044	0,298

CHR3	16357020	CHR3:16357020	SSF x Far_LoA	-7,7550865	-0,077	0,312
CHR3	16364679	CHR3:16364679	SSF x Far_LoA	-4,26809992	-0,219	0,300
CHR3	16364924	CHR3:16364924	SSF x Far_LoA	-7,27080052	-0,130	0,319
CHR3	16379042	CHR3:16379042	SSF x Far_LoA	-9,63066498	-0,050	0,304
CHR3	16379144	CHR3:16379144	SSF x Far_LoA	-10,939108	-0,052	0,300
CHR3	16379191	CHR3:16379191	SSF x Far_LoA	-10,2407375	-0,105	0,313
CHR3	16388353	CHR3:16388353	SSF x Far_LoA	-9,84256569	-0,055	0,313
CHR3	16388354	CHR3:16388354	SSF x Far_LoA	-9,63944527	-0,078	0,309
CHR3	16388364	CHR3:16388364	SSF x Far_LoA	-8,92924724	-0,049	0,317
CHR3	16388366	CHR3:16388366	SSF x Far_LoA	-8,15841365	-0,014	0,313
CHR3	16388372	CHR3:16388372	SSF x Far_LoA	-7,83956507	0,015	0,300
CHR3	16388374	CHR3:16388374	SSF x Far_LoA	-8,79709884	-0,006	0,322
CHR3	16388375	CHR3:16388375	SSF x Far_LoA	-9,29800616	-0,028	0,304
CHR3	16388416	CHR3:16388416	SSF x Far_LoA	-11,1513144	0,036	0,305
CHR3	16388426	CHR3:16388426	SSF x Far_LoA	-8,20326526	-0,031	0,308
CHR3	16406868	CHR3:16406868	SSF x Far_LoA	-8,87104876	-0,108	0,300
CHR3	16407001	CHR3:16407001	SSF x Far_LoA	2,64473605	0,170	0,288
CHR3	16407064	CHR3:16407064	SSF x Far_LoA	-7,17702656	0,090	0,315
CHR3	16408519	CHR3:16408519	SSF x Far_LoA	-8,50792604	0,068	0,297
CHR3	16408634	CHR3:16408634	SSF x Far_LoA	-9,54371983	-0,050	0,314
CHR3	16408674	CHR3:16408674	SSF x Far_LoA	-9,13937811	0,001	0,303
CHR3	16408687	CHR3:16408687	SSF x Far_LoA	-10,0763336	0,107	0,303
CHR3	16408698	CHR3:16408698	SSF x Far_LoA	-10,1293334	0,011	0,313
CHR3	16415145	CHR3:16415145	SSF x Far_LoA	-12,3921684	-0,018	0,292
CHR3	16415184	CHR3:16415184	SSF x Far_LoA	-8,84948838	-0,140	0,312
CHR3	16415185	CHR3:16415185	SSF x Far_LoA	-8,11197339	-0,123	0,288
CHR3	16415242	CHR3:16415242	SSF x Far_LoA	-9,44261597	0,009	0,305
CHR3	16419636	CHR3:16419636	SSF x Far_LoA	-9,22297305	-0,039	0,306
CHR3	16421052	CHR3:16421052	SSF x Far_LoA	-7,41409237	0,111	0,303
CHR3	16421076	CHR3:16421076	SSF x Far_LoA	-10,4357691	0,161	0,289
CHR3	16421134	CHR3:16421134	SSF x Far_LoA	-7,63236355	0,119	0,303
CHR3	16421135	CHR3:16421135	SSF x Far_LoA	-9,5821768	-0,030	0,313
CHR3	16421213	CHR3:16421213	SSF x Far_LoA	-7,02899809	-0,179	0,299
CHR3	16430258	CHR3:16430258	SSF x Far_LoA	-9,9215007	0,041	0,315
CHR3	16436439	CHR3:16436439	SSF x Far_LoA	-10,5458971	-0,009	0,313
CHR3	16436448	CHR3:16436448	SSF x Far_LoA	-11,4941111	0,000	0,303
CHR3	16444272	CHR3:16444272	SSF x Far_LoA	-8,93388366	-0,055	0,308
CHR3	16444293	CHR3:16444293	SSF x Far_LoA	-9,18559649	-0,026	0,296
CHR3	16471627	CHR3:16471627	SSF x Far_LoA	-8,7432312	0,174	0,292
CHR3	16471677	CHR3:16471677	SSF x Far_LoA	-9,52819899	0,032	0,303
CHR3	16471705	CHR3:16471705	SSF x Far_LoA	-8,15116506	0,013	0,317
CHR3	16473582	CHR3:16473582	SSF x Far_LoA	-6,745443	0,152	0,300
CHR3	16501812	CHR3:16501812	SSF x Far_LoA	-9,10106022	0,045	0,289
CHR3	16511313	CHR3:16511313	SSF x Far_LoA	-7,45189468	-0,142	0,309
CHR3	16511318	CHR3:16511318	SSF x Far_LoA	1,69397681	0,248	0,288
CHR3	16511593	CHR3:16511593	SSF x Far_LoA	-11,1737812	0,024	0,308
CHR3	16518411	CHR3:16518411	SSF x Far_LoA	-7,17393678	0,152	0,294
CHR3	16531247	CHR3:16531247	SSF x Far_LoA	-9,24011488	-0,038	0,301
CHR3	16534489	CHR3:16534489	SSF x Far_LoA	-10,9158185	0,051	0,314
CHR3	16557282	CHR3:16557282	SSF x Far_LoA	-6,66810716	0,112	0,308
CHR3	16567872	CHR3:16567872	SSF x Far_LoA	-10,4133562	0,036	0,294
CHR3	16575177	CHR3:16575177	SSF x Far_LoA	-7,20970766	0,162	0,291
CHR3	16575785	CHR3:16575785	SSF x Far_LoA	-6,794956	-0,116	0,301

CHR3	16575820	CHR3:16575820	SSF x Far_LoA	-10,5404121	0,022	0,297
CHR3	16589444	CHR3:16589444	SSF x Far_LoA	-8,79157658	0,000	0,319
CHR3	16589487	CHR3:16589487	SSF x Far_LoA	-8,05427185	0,136	0,302
CHR3	16589502	CHR3:16589502	SSF x Far_LoA	-10,8902547	0,018	0,297
CHR3	16589503	CHR3:16589503	SSF x Far_LoA	-10,3024888	-0,002	0,307
CHR3	16589505	CHR3:16589505	SSF x Far_LoA	-10,3406844	-0,034	0,303
CHR3	16619755	CHR3:16619755	SSF x Far_LoA	-8,29303847	-0,145	0,291
CHR3	16619779	CHR3:16619779	SSF x Far_LoA	-9,02959493	-0,055	0,299
CHR3	16638662	CHR3:16638662	SSF x Far_LoA	-9,10082249	-0,025	0,312
CHR3	16638674	CHR3:16638674	SSF x Far_LoA	-11,2094988	0,057	0,300
CHR3	16659175	CHR3:16659175	SSF x Far_LoA	-10,0643521	-0,014	0,310
CHR3	16659187	CHR3:16659187	SSF x Far_LoA	-9,97633432	-0,055	0,305
CHR3	16675029	CHR3:16675029	SSF x Far_LoA	-12,1243971	-0,030	0,303
CHR3	16686011	CHR3:16686011	SSF x Far_LoA	-11,0573636	-0,032	0,299
CHR3	16686027	CHR3:16686027	SSF x Far_LoA	-10,1033131	0,031	0,302
CHR3	16686102	CHR3:16686102	SSF x Far_LoA	-9,38643666	-0,082	0,309
CHR3	16700582	CHR3:16700582	SSF x Far_LoA	-9,01415338	0,040	0,288
CHR3	16700631	CHR3:16700631	SSF x Far_LoA	-9,88379528	0,103	0,308
CHR3	1670563	CHR3:1670563	SSF x Far_LoA	-10,1091758	-0,019	0,297
CHR3	16720730	CHR3:16720730	SSF x Far_LoA	-8,77770579	0,020	0,309
CHR3	16720731	CHR3:16720731	SSF x Far_LoA	-9,50008517	-0,004	0,291
CHR3	16725851	CHR3:16725851	SSF x Far_LoA	-8,77510314	0,033	0,308
CHR3	16725969	CHR3:16725969	SSF x Far_LoA	-10,1405311	0,007	0,306
CHR3	16726073	CHR3:16726073	SSF x Far_LoA	-11,0269329	0,004	0,303
CHR3	16740353	CHR3:16740353	SSF x Far_LoA	-8,58926595	0,052	0,325
CHR3	16740366	CHR3:16740366	SSF x Far_LoA	-11,090881	0,038	0,318
CHR3	16741033	CHR3:16741033	SSF x Far_LoA	-7,87749652	-0,087	0,306
CHR3	16741093	CHR3:16741093	SSF x Far_LoA	-9,10781401	0,044	0,310
CHR3	16741108	CHR3:16741108	SSF x Far_LoA	-6,64125041	-0,124	0,301
CHR3	16760064	CHR3:16760064	SSF x Far_LoA	-11,1860246	0,006	0,297
CHR3	16760075	CHR3:16760075	SSF x Far_LoA	-11,4311155	0,015	0,289
CHR3	16760085	CHR3:16760085	SSF x Far_LoA	-8,51524266	-0,026	0,309
CHR3	16763246	CHR3:16763246	SSF x Far_LoA	-6,81603949	-0,120	0,311
CHR3	16763327	CHR3:16763327	SSF x Far_LoA	-6,60290138	-0,172	0,291
CHR3	16763338	CHR3:16763338	SSF x Far_LoA	0,37835506	-0,118	0,313
CHR3	16781167	CHR3:16781167	SSF x Far_LoA	-10,1173681	0,022	0,291
CHR3	16783475	CHR3:16783475	SSF x Far_LoA	-10,2574223	-0,075	0,300
CHR3	16784950	CHR3:16784950	SSF x Far_LoA	-11,1192588	-0,037	0,312
CHR3	16784999	CHR3:16784999	SSF x Far_LoA	-5,98855031	-0,033	0,313
CHR3	16787659	CHR3:16787659	SSF x Far_LoA	-6,90395657	0,185	0,297
CHR3	16791086	CHR3:16791086	SSF x Far_LoA	-8,77493956	0,049	0,304
CHR3	16791101	CHR3:16791101	SSF x Far_LoA	-7,87220494	0,064	0,300
CHR3	16801529	CHR3:16801529	SSF x Far_LoA	-9,40889249	-0,016	0,311
CHR3	16801532	CHR3:16801532	SSF x Far_LoA	-10,0229295	-0,047	0,315
CHR3	16801691	CHR3:16801691	SSF x Far_LoA	-9,79674521	0,013	0,305
CHR3	16801741	CHR3:16801741	SSF x Far_LoA	-9,45888809	-0,054	0,307
CHR3	16815460	CHR3:16815460	SSF x Far_LoA	-8,24916748	0,069	0,299
CHR3	16821605	CHR3:16821605	SSF x Far_LoA	-8,70469676	0,009	0,281
CHR3	16821697	CHR3:16821697	SSF x Far_LoA	-8,68903173	-0,162	0,301
CHR3	16824082	CHR3:16824082	SSF x Far_LoA	-8,66764399	-0,115	0,294
CHR3	16825126	CHR3:16825126	SSF x Far_LoA	-10,7432021	0,061	0,298
CHR3	16830679	CHR3:16830679	SSF x Far_LoA	-10,3879049	0,003	0,296
CHR3	16830712	CHR3:16830712	SSF x Far_LoA	-8,18245932	0,089	0,318

CHR3	16837223	CHR3:16837223	SSF x Far_LoA	-9,16004945	-0,058	0,310
CHR3	16837330	CHR3:16837330	SSF x Far_LoA	-9,38911252	0,016	0,310
CHR3	16840550	CHR3:16840550	SSF x Far_LoA	-7,27926337	0,135	0,298
CHR3	16845509	CHR3:16845509	SSF x Far_LoA	-11,0431481	-0,068	0,308
CHR3	16846241	CHR3:16846241	SSF x Far_LoA	-10,29437	0,037	0,307
CHR3	16872504	CHR3:16872504	SSF x Far_LoA	-10,1274482	-0,020	0,326
CHR3	1687410	CHR3:1687410	SSF x Far_LoA	-2,8227138	-0,102	0,306
CHR3	1687461	CHR3:1687461	SSF x Far_LoA	-10,1440399	0,035	0,318
CHR3	16894162	CHR3:16894162	SSF x Far_LoA	-9,6063292	0,122	0,295
CHR3	16898415	CHR3:16898415	SSF x Far_LoA	-8,21923992	0,084	0,301
CHR3	16898443	CHR3:16898443	SSF x Far_LoA	-10,9855996	-0,015	0,316
CHR3	16898471	CHR3:16898471	SSF x Far_LoA	-5,27178856	0,088	0,307
CHR3	16905333	CHR3:16905333	SSF x Far_LoA	-8,82841942	-0,051	0,306
CHR3	16905345	CHR3:16905345	SSF x Far_LoA	-7,94549707	-0,057	0,309
CHR3	16905393	CHR3:16905393	SSF x Far_LoA	-8,00930697	-0,032	0,304
CHR3	16907157	CHR3:16907157	SSF x Far_LoA	-9,76021145	0,050	0,314
CHR3	16907225	CHR3:16907225	SSF x Far_LoA	-7,54934471	-0,097	0,308
CHR3	16907374	CHR3:16907374	SSF x Far_LoA	-9,51442255	0,108	0,317
CHR3	16924458	CHR3:16924458	SSF x Far_LoA	-7,6937323	0,092	0,303
CHR3	16926064	CHR3:16926064	SSF x Far_LoA	-9,57374163	-0,004	0,298
CHR3	16932682	CHR3:16932682	SSF x Far_LoA	-4,53387059	0,186	0,306
CHR3	16949342	CHR3:16949342	SSF x Far_LoA	-11,7621368	-0,038	0,311
CHR3	16961822	CHR3:16961822	SSF x Far_LoA	-8,17714351	0,038	0,309
CHR3	16961840	CHR3:16961840	SSF x Far_LoA	-7,65538763	0,023	0,306
CHR3	16961861	CHR3:16961861	SSF x Far_LoA	-8,38472462	0,054	0,315
CHR3	16961868	CHR3:16961868	SSF x Far_LoA	-8,72909281	0,071	0,311
CHR3	16961910	CHR3:16961910	SSF x Far_LoA	-6,85785811	0,019	0,316
CHR3	16961931	CHR3:16961931	SSF x Far_LoA	-9,50568167	0,058	0,312
CHR3	16968639	CHR3:16968639	SSF x Far_LoA	-8,78297869	0,029	0,316
CHR3	16977519	CHR3:16977519	SSF x Far_LoA	-10,4742408	-0,042	0,305
CHR3	16977551	CHR3:16977551	SSF x Far_LoA	-10,2560864	-0,090	0,310
CHR3	17005316	CHR3:17005316	SSF x Far_LoA	-8,74161397	0,061	0,304
CHR3	17005449	CHR3:17005449	SSF x Far_LoA	-9,45975544	-0,079	0,302
CHR3	17035726	CHR3:17035726	SSF x Far_LoA	-8,49575868	0,026	0,302
CHR3	17035740	CHR3:17035740	SSF x Far_LoA	-6,69728212	-0,046	0,298
CHR3	17038976	CHR3:17038976	SSF x Far_LoA	-9,88269545	-0,115	0,304
CHR3	17038989	CHR3:17038989	SSF x Far_LoA	-9,02199365	-0,011	0,307
CHR3	17039055	CHR3:17039055	SSF x Far_LoA	-6,40925213	-0,041	0,301
CHR3	17039142	CHR3:17039142	SSF x Far_LoA	-8,29676335	-0,052	0,311
CHR3	17044140	CHR3:17044140	SSF x Far_LoA	-8,91267434	-0,039	0,310
CHR3	17044222	CHR3:17044222	SSF x Far_LoA	-7,95509347	-0,056	0,317
CHR3	17044275	CHR3:17044275	SSF x Far_LoA	-8,47795504	0,112	0,297
CHR3	17044281	CHR3:17044281	SSF x Far_LoA	-10,6670158	0,008	0,297
CHR3	17044287	CHR3:17044287	SSF x Far_LoA	-9,57684957	-0,066	0,304
CHR3	17044288	CHR3:17044288	SSF x Far_LoA	-9,62344473	0,060	0,292
CHR3	17044671	CHR3:17044671	SSF x Far_LoA	-8,19887665	0,082	0,311
CHR3	17049188	CHR3:17049188	SSF x Far_LoA	-9,99855887	0,078	0,318
CHR3	17050579	CHR3:17050579	SSF x Far_LoA	-10,9416775	0,068	0,297
CHR3	17050624	CHR3:17050624	SSF x Far_LoA	-11,3171857	-0,036	0,307
CHR3	17050628	CHR3:17050628	SSF x Far_LoA	-9,64299369	0,033	0,314
CHR3	17064912	CHR3:17064912	SSF x Far_LoA	-11,2674023	0,021	0,316
CHR3	17070536	CHR3:17070536	SSF x Far_LoA	-8,04109583	-0,145	0,320
CHR3	17070598	CHR3:17070598	SSF x Far_LoA	-8,32400673	-0,006	0,302

CHR3	17070671	CHR3:17070671	SSF x Far_LoA	-11,5647603	-0,003	0,315
CHR3	17072925	CHR3:17072925	SSF x Far_LoA	-3,86372524	-0,047	0,304
CHR3	17076439	CHR3:17076439	SSF x Far_LoA	-7,66944254	0,030	0,315
CHR3	17078072	CHR3:17078072	SSF x Far_LoA	-4,80991893	0,009	0,296
CHR3	17145274	CHR3:17145274	SSF x Far_LoA	-10,2783707	0,024	0,309
CHR3	17147982	CHR3:17147982	SSF x Far_LoA	-8,22730963	0,064	0,296
CHR3	1715039	CHR3:1715039	SSF x Far_LoA	-9,41857472	0,034	0,310
CHR3	17152978	CHR3:17152978	SSF x Far_LoA	-9,22967887	0,061	0,305
CHR3	17153027	CHR3:17153027	SSF x Far_LoA	-8,40878345	0,025	0,317
CHR3	17153202	CHR3:17153202	SSF x Far_LoA	-11,1697196	0,079	0,306
CHR3	17159748	CHR3:17159748	SSF x Far_LoA	-9,39896953	-0,057	0,308
CHR3	17159850	CHR3:17159850	SSF x Far_LoA	-9,42757678	-0,041	0,310
CHR3	17162463	CHR3:17162463	SSF x Far_LoA	-8,85449454	-0,062	0,315
CHR3	17164379	CHR3:17164379	SSF x Far_LoA	-8,53393115	0,022	0,304
CHR3	17164448	CHR3:17164448	SSF x Far_LoA	-8,74567367	0,015	0,312
CHR3	17164452	CHR3:17164452	SSF x Far_LoA	-9,46112924	-0,010	0,308
CHR3	17208768	CHR3:17208768	SSF x Far_LoA	-9,61936449	-0,015	0,295
CHR3	17215084	CHR3:17215084	SSF x Far_LoA	-5,19699555	0,037	0,298
CHR3	17215190	CHR3:17215190	SSF x Far_LoA	-9,94875743	-0,003	0,306
CHR3	17215261	CHR3:17215261	SSF x Far_LoA	-9,75661445	0,083	0,307
CHR3	17215343	CHR3:17215343	SSF x Far_LoA	-8,69771329	0,028	0,309
CHR3	17222718	CHR3:17222718	SSF x Far_LoA	-7,67819839	-0,006	0,308
CHR3	17228512	CHR3:17228512	SSF x Far_LoA	-8,64094434	-0,004	0,307
CHR3	17230660	CHR3:17230660	SSF x Far_LoA	-8,42615957	0,102	0,302
CHR3	17230852	CHR3:17230852	SSF x Far_LoA	-8,13274499	-0,090	0,321
CHR3	17240728	CHR3:17240728	SSF x Far_LoA	-10,736701	0,059	0,297
CHR3	17244557	CHR3:17244557	SSF x Far_LoA	-8,58980594	0,138	0,307
CHR3	17244721	CHR3:17244721	SSF x Far_LoA	-10,9481361	-0,002	0,316
CHR3	17244723	CHR3:17244723	SSF x Far_LoA	-8,89743605	0,028	0,325
CHR3	17244726	CHR3:17244726	SSF x Far_LoA	-9,86259244	0,032	0,323
CHR3	17244730	CHR3:17244730	SSF x Far_LoA	-10,4718254	0,018	0,315
CHR3	17244732	CHR3:17244732	SSF x Far_LoA	-9,81384509	0,006	0,319
CHR3	17249743	CHR3:17249743	SSF x Far_LoA	-9,03618774	-0,115	0,303
CHR3	17249772	CHR3:17249772	SSF x Far_LoA	-3,18088799	-0,101	0,309
CHR3	17249940	CHR3:17249940	SSF x Far_LoA	-11,2431829	0,124	0,281
CHR3	17249959	CHR3:17249959	SSF x Far_LoA	-8,45828135	-0,147	0,302
CHR3	17252197	CHR3:17252197	SSF x Far_LoA	-10,44734	-0,058	0,300
CHR3	17252294	CHR3:17252294	SSF x Far_LoA	-8,07249307	-0,153	0,299
CHR3	17252818	CHR3:17252818	SSF x Far_LoA	-9,19573952	-0,026	0,310
CHR3	17257268	CHR3:17257268	SSF x Far_LoA	-9,33351462	-0,092	0,319
CHR3	17258956	CHR3:17258956	SSF x Far_LoA	-7,98959971	-0,109	0,304
CHR3	17258961	CHR3:17258961	SSF x Far_LoA	-10,6954137	-0,083	0,306
CHR3	17259113	CHR3:17259113	SSF x Far_LoA	-9,47979415	0,027	0,299
CHR3	17271523	CHR3:17271523	SSF x Far_LoA	-12,4243517	0,013	0,308
CHR3	17271539	CHR3:17271539	SSF x Far_LoA	-6,98669347	0,241	0,286
CHR3	17271635	CHR3:17271635	SSF x Far_LoA	-8,53083903	0,224	0,284
CHR3	17271727	CHR3:17271727	SSF x Far_LoA	-7,70858451	0,231	0,289
CHR3	17271765	CHR3:17271765	SSF x Far_LoA	-3,55301276	0,222	0,286
CHR3	17288945	CHR3:17288945	SSF x Far_LoA	-11,261754	0,089	0,292
CHR3	17293937	CHR3:17293937	SSF x Far_LoA	-9,04850387	0,022	0,296
CHR3	17293944	CHR3:17293944	SSF x Far_LoA	-9,01729033	0,012	0,301
CHR3	1729596	CHR3:1729596	SSF x Far_LoA	-9,15505357	0,026	0,310
CHR3	1729715	CHR3:1729715	SSF x Far_LoA	-9,62050003	-0,011	0,317

CHR3	17305776	CHR3:17305776	SSF x Far_LoA	-9,01697746	-0,047	0,317
CHR3	17316230	CHR3:17316230	SSF x Far_LoA	-9,89217209	-0,036	0,295
CHR3	17331612	CHR3:17331612	SSF x Far_LoA	-10,1430078	0,016	0,317
CHR3	17331721	CHR3:17331721	SSF x Far_LoA	-4,89007845	-0,193	0,295
CHR3	17332776	CHR3:17332776	SSF x Far_LoA	-4,02844885	-0,157	0,317
CHR3	17332871	CHR3:17332871	SSF x Far_LoA	-6,58689559	-0,138	0,323
CHR3	17334360	CHR3:17334360	SSF x Far_LoA	-8,8673234	0,091	0,304
CHR3	17334416	CHR3:17334416	SSF x Far_LoA	-10,580078	0,037	0,309
CHR3	17350537	CHR3:17350537	SSF x Far_LoA	-8,85253267	0,084	0,315
CHR3	17350564	CHR3:17350564	SSF x Far_LoA	-9,54002798	0,005	0,309
CHR3	17350635	CHR3:17350635	SSF x Far_LoA	-8,20367929	0,078	0,309
CHR3	17350720	CHR3:17350720	SSF x Far_LoA	-7,00625204	0,096	0,306
CHR3	17350749	CHR3:17350749	SSF x Far_LoA	-8,89984328	0,060	0,308
CHR3	17359338	CHR3:17359338	SSF x Far_LoA	-3,28514677	0,101	0,291
CHR3	17361084	CHR3:17361084	SSF x Far_LoA	-11,1649972	0,087	0,304
CHR3	17361110	CHR3:17361110	SSF x Far_LoA	-9,15826935	0,017	0,307
CHR3	17361144	CHR3:17361144	SSF x Far_LoA	-11,21309	0,022	0,314
CHR3	17401673	CHR3:17401673	SSF x Far_LoA	-10,3693241	-0,073	0,310
CHR3	17425055	CHR3:17425055	SSF x Far_LoA	-10,7925372	0,128	0,287
CHR3	1742823	CHR3:1742823	SSF x Far_LoA	-7,32294237	-0,059	0,322
CHR3	17431629	CHR3:17431629	SSF x Far_LoA	-9,07090924	-0,066	0,324
CHR3	17461320	CHR3:17461320	SSF x Far_LoA	-10,9671272	-0,001	0,303
CHR3	1746834	CHR3:1746834	SSF x Far_LoA	-7,56306477	-0,053	0,307
CHR3	1746883	CHR3:1746883	SSF x Far_LoA	-0,07203419	-0,152	0,278
CHR3	17501603	CHR3:17501603	SSF x Far_LoA	-8,00335365	-0,002	0,288
CHR3	17501673	CHR3:17501673	SSF x Far_LoA	-7,93375	-0,033	0,312
CHR3	17501676	CHR3:17501676	SSF x Far_LoA	-5,59505336	-0,003	0,295
CHR3	17503380	CHR3:17503380	SSF x Far_LoA	-7,8595805	0,021	0,312
CHR3	17506182	CHR3:17506182	SSF x Far_LoA	-8,20992943	-0,026	0,319
CHR3	17510258	CHR3:17510258	SSF x Far_LoA	-8,81104382	-0,128	0,309
CHR3	17510289	CHR3:17510289	SSF x Far_LoA	-8,88643406	0,015	0,320
CHR3	17510342	CHR3:17510342	SSF x Far_LoA	-7,87060707	0,015	0,304
CHR3	17510365	CHR3:17510365	SSF x Far_LoA	-6,30420484	-0,113	0,298
CHR3	17510395	CHR3:17510395	SSF x Far_LoA	-9,09078662	0,009	0,312
CHR3	17514094	CHR3:17514094	SSF x Far_LoA	-9,30046425	0,074	0,300
CHR3	17514412	CHR3:17514412	SSF x Far_LoA	-8,53846194	0,037	0,311
CHR3	17523884	CHR3:17523884	SSF x Far_LoA	-11,2180487	-0,069	0,308
CHR3	1752662	CHR3:1752662	SSF x Far_LoA	-10,5879818	-0,047	0,304
CHR3	17533807	CHR3:17533807	SSF x Far_LoA	-8,08170882	-0,027	0,316
CHR3	17533924	CHR3:17533924	SSF x Far_LoA	-11,297011	-0,035	0,318
CHR3	1754719	CHR3:1754719	SSF x Far_LoA	-8,43451954	0,128	0,302
CHR3	1754731	CHR3:1754731	SSF x Far_LoA	-7,63312448	-0,047	0,320
CHR3	17560756	CHR3:17560756	SSF x Far_LoA	-8,30331288	0,003	0,310
CHR3	17561996	CHR3:17561996	SSF x Far_LoA	-8,93785482	-0,032	0,318
CHR3	17563976	CHR3:17563976	SSF x Far_LoA	-10,0898041	0,071	0,317
CHR3	17572765	CHR3:17572765	SSF x Far_LoA	-9,229338	-0,092	0,308
CHR3	17573825	CHR3:17573825	SSF x Far_LoA	-11,1990913	-0,043	0,314
CHR3	17573955	CHR3:17573955	SSF x Far_LoA	-9,88475867	-0,082	0,315
CHR3	17573956	CHR3:17573956	SSF x Far_LoA	-11,0355489	-0,024	0,307
CHR3	1757909	CHR3:1757909	SSF x Far_LoA	-10,5289685	0,124	0,305
CHR3	1757921	CHR3:1757921	SSF x Far_LoA	-10,8536429	-0,069	0,299
CHR3	17580796	CHR3:17580796	SSF x Far_LoA	-10,2450751	0,032	0,296
CHR3	17588772	CHR3:17588772	SSF x Far_LoA	-5,75221632	0,085	0,301

CHR3	17588776	CHR3:17588776	SSF x Far_LoA	-8,89768361	0,074	0,303
CHR3	17588814	CHR3:17588814	SSF x Far_LoA	-10,6774853	-0,037	0,306
CHR3	175959	CHR3:175959	SSF x Far_LoA	-9,56600297	-0,009	0,312
CHR3	17599100	CHR3:17599100	SSF x Far_LoA	-8,66854835	-0,103	0,299
CHR3	17599106	CHR3:17599106	SSF x Far_LoA	-8,75256502	-0,121	0,294
CHR3	17616421	CHR3:17616421	SSF x Far_LoA	-10,0326908	0,008	0,304
CHR3	17616471	CHR3:17616471	SSF x Far_LoA	-9,61968682	0,015	0,305
CHR3	17616692	CHR3:17616692	SSF x Far_LoA	0,09331363	0,051	0,315
CHR3	17619863	CHR3:17619863	SSF x Far_LoA	-7,88581771	-0,056	0,316
CHR3	1761989	CHR3:1761989	SSF x Far_LoA	-8,86958923	-0,116	0,288
CHR3	17625588	CHR3:17625588	SSF x Far_LoA	-6,04548751	0,086	0,320
CHR3	17631126	CHR3:17631126	SSF x Far_LoA	-8,79231755	-0,024	0,306
CHR3	17631142	CHR3:17631142	SSF x Far_LoA	-11,766054	-0,009	0,308
CHR3	17631191	CHR3:17631191	SSF x Far_LoA	-9,75011371	-0,069	0,302
CHR3	1765720	CHR3:1765720	SSF x Far_LoA	-7,46759685	-0,133	0,302
CHR3	1765757	CHR3:1765757	SSF x Far_LoA	-9,17730936	0,134	0,310
CHR3	1765766	CHR3:1765766	SSF x Far_LoA	-0,55446574	-0,110	0,303
CHR3	1765794	CHR3:1765794	SSF x Far_LoA	-8,60829904	0,083	0,304
CHR3	1765807	CHR3:1765807	SSF x Far_LoA	-9,73694413	-0,104	0,308
CHR3	17665559	CHR3:17665559	SSF x Far_LoA	-9,45250439	0,064	0,314
CHR3	17665595	CHR3:17665595	SSF x Far_LoA	-9,47783168	0,073	0,308
CHR3	17669013	CHR3:17669013	SSF x Far_LoA	-9,22371778	0,041	0,307
CHR3	17688741	CHR3:17688741	SSF x Far_LoA	-6,55247876	0,160	0,310
CHR3	1769121	CHR3:1769121	SSF x Far_LoA	-11,7932548	0,042	0,316
CHR3	1769832	CHR3:1769832	SSF x Far_LoA	-8,64306903	-0,033	0,315
CHR3	1769957	CHR3:1769957	SSF x Far_LoA	-8,32053997	0,059	0,296
CHR3	17699694	CHR3:17699694	SSF x Far_LoA	-8,40661902	0,076	0,309
CHR3	17717113	CHR3:17717113	SSF x Far_LoA	-9,40356485	0,053	0,302
CHR3	17723935	CHR3:17723935	SSF x Far_LoA	-12,5370926	-0,018	0,302
CHR3	17741201	CHR3:17741201	SSF x Far_LoA	-8,74850678	-0,045	0,311
CHR3	17815702	CHR3:17815702	SSF x Far_LoA	-8,96486711	-0,021	0,305
CHR3	1782056	CHR3:1782056	SSF x Far_LoA	-11,1081719	0,007	0,304
CHR3	1782057	CHR3:1782057	SSF x Far_LoA	-7,00914484	-0,090	0,318
CHR3	17824178	CHR3:17824178	SSF x Far_LoA	-8,4918282	-0,007	0,310
CHR3	1785748	CHR3:1785748	SSF x Far_LoA	-7,63359817	0,150	0,301
CHR3	17920688	CHR3:17920688	SSF x Far_LoA	-7,43256688	-0,063	0,305
CHR3	17920963	CHR3:17920963	SSF x Far_LoA	-9,31473626	0,020	0,309
CHR3	17928324	CHR3:17928324	SSF x Far_LoA	-8,88604426	0,050	0,307
CHR3	17928332	CHR3:17928332	SSF x Far_LoA	-8,91381176	0,016	0,312
CHR3	17928347	CHR3:17928347	SSF x Far_LoA	-9,15117801	0,034	0,320
CHR3	17928348	CHR3:17928348	SSF x Far_LoA	-9,00063712	0,046	0,317
CHR3	17928417	CHR3:17928417	SSF x Far_LoA	-10,088011	0,038	0,303
CHR3	17928584	CHR3:17928584	SSF x Far_LoA	-11,5360386	-0,020	0,311
CHR3	17933686	CHR3:17933686	SSF x Far_LoA	-2,47617291	-0,078	0,312
CHR3	17933757	CHR3:17933757	SSF x Far_LoA	-7,94475465	0,151	0,319
CHR3	17933933	CHR3:17933933	SSF x Far_LoA	-6,59231799	-0,036	0,314
CHR3	17939908	CHR3:17939908	SSF x Far_LoA	-8,03880205	-0,109	0,308
CHR3	17939924	CHR3:17939924	SSF x Far_LoA	-9,55193051	-0,097	0,296
CHR3	1794345	CHR3:1794345	SSF x Far_LoA	-10,2172826	0,090	0,313
CHR3	17943520	CHR3:17943520	SSF x Far_LoA	-7,8157796	-0,067	0,312
CHR3	17975674	CHR3:17975674	SSF x Far_LoA	-11,4583072	-0,011	0,299
CHR3	17986332	CHR3:17986332	SSF x Far_LoA	-7,4566473	0,046	0,306
CHR3	17996619	CHR3:17996619	SSF x Far_LoA	-10,2144177	-0,020	0,292

CHR3	17996724	CHR3:17996724	SSF x Far_LoA	-5,79309434	-0,058	0,316
CHR3	18011625	CHR3:18011625	SSF x Far_LoA	-7,85190855	0,052	0,288
CHR3	18025267	CHR3:18025267	SSF x Far_LoA	-7,22225081	-0,050	0,299
CHR3	18071459	CHR3:18071459	SSF x Far_LoA	-8,56591984	-0,125	0,313
CHR3	18071560	CHR3:18071560	SSF x Far_LoA	-6,01729877	0,085	0,295
CHR3	18075300	CHR3:18075300	SSF x Far_LoA	-8,59962343	-0,107	0,313
CHR3	18079570	CHR3:18079570	SSF x Far_LoA	-10,8063505	-0,010	0,283
CHR3	18115131	CHR3:18115131	SSF x Far_LoA	-9,16137751	0,008	0,307
CHR3	18120103	CHR3:18120103	SSF x Far_LoA	-11,1365544	-0,083	0,318
CHR3	18130726	CHR3:18130726	SSF x Far_LoA	-8,88638102	0,073	0,307
CHR3	18130839	CHR3:18130839	SSF x Far_LoA	-10,0856495	0,043	0,312
CHR3	18132172	CHR3:18132172	SSF x Far_LoA	-9,96611812	0,050	0,314
CHR3	18132185	CHR3:18132185	SSF x Far_LoA	-7,93703388	0,041	0,302
CHR3	18132318	CHR3:18132318	SSF x Far_LoA	-9,52177946	-0,022	0,336
CHR3	18132347	CHR3:18132347	SSF x Far_LoA	-8,14149315	0,007	0,325
CHR3	18132396	CHR3:18132396	SSF x Far_LoA	-7,66733122	-0,015	0,305
CHR3	18134317	CHR3:18134317	SSF x Far_LoA	-5,87677767	-0,120	0,306
CHR3	18142741	CHR3:18142741	SSF x Far_LoA	-10,5628075	0,022	0,304
CHR3	18142745	CHR3:18142745	SSF x Far_LoA	-10,3201651	0,024	0,314
CHR3	18142750	CHR3:18142750	SSF x Far_LoA	-9,21357537	-0,149	0,314
CHR3	18142754	CHR3:18142754	SSF x Far_LoA	-8,75918169	-0,003	0,314
CHR3	18142777	CHR3:18142777	SSF x Far_LoA	-6,93243531	-0,143	0,292
CHR3	18148107	CHR3:18148107	SSF x Far_LoA	-9,34540852	-0,033	0,304
CHR3	18176282	CHR3:18176282	SSF x Far_LoA	-9,59506975	0,056	0,293
CHR3	18176336	CHR3:18176336	SSF x Far_LoA	-9,30898892	0,052	0,313
CHR3	18179783	CHR3:18179783	SSF x Far_LoA	-9,90628425	0,002	0,312
CHR3	18181848	CHR3:18181848	SSF x Far_LoA	-10,1186414	-0,003	0,304
CHR3	18194085	CHR3:18194085	SSF x Far_LoA	-9,23176346	-0,006	0,323
CHR3	18194088	CHR3:18194088	SSF x Far_LoA	-8,74967002	0,000	0,319
CHR3	18194240	CHR3:18194240	SSF x Far_LoA	-10,9108475	-0,055	0,298
CHR3	18194257	CHR3:18194257	SSF x Far_LoA	-12,7253831	0,093	0,292
CHR3	18194267	CHR3:18194267	SSF x Far_LoA	-9,00363384	-0,023	0,312
CHR3	18196586	CHR3:18196586	SSF x Far_LoA	-11,3960055	0,066	0,313
CHR3	18196618	CHR3:18196618	SSF x Far_LoA	-10,1055789	-0,019	0,297
CHR3	18196642	CHR3:18196642	SSF x Far_LoA	-9,18187864	0,078	0,300
CHR3	18199458	CHR3:18199458	SSF x Far_LoA	-6,65518892	-0,131	0,303
CHR3	18205250	CHR3:18205250	SSF x Far_LoA	-11,2828253	-0,054	0,295
CHR3	18205443	CHR3:18205443	SSF x Far_LoA	-9,57859728	-0,050	0,315
CHR3	18210652	CHR3:18210652	SSF x Far_LoA	-7,69279997	-0,130	0,298
CHR3	18210735	CHR3:18210735	SSF x Far_LoA	-9,44200579	-0,103	0,293
CHR3	18224936	CHR3:18224936	SSF x Far_LoA	-7,679192	-0,068	0,307
CHR3	18225012	CHR3:18225012	SSF x Far_LoA	-12,1121483	-0,013	0,302
CHR3	18229523	CHR3:18229523	SSF x Far_LoA	-10,7911576	0,033	0,311
CHR3	18229680	CHR3:18229680	SSF x Far_LoA	-8,06791275	-0,015	0,318
CHR3	18229699	CHR3:18229699	SSF x Far_LoA	-10,2926963	0,000	0,313
CHR3	18229834	CHR3:18229834	SSF x Far_LoA	-10,1722443	0,078	0,294
CHR3	18243235	CHR3:18243235	SSF x Far_LoA	-7,3154614	-0,064	0,308
CHR3	18243256	CHR3:18243256	SSF x Far_LoA	-11,5566477	0,082	0,304
CHR3	18243308	CHR3:18243308	SSF x Far_LoA	-9,48690529	0,111	0,301
CHR3	18243513	CHR3:18243513	SSF x Far_LoA	-7,45687138	0,124	0,303
CHR3	18247508	CHR3:18247508	SSF x Far_LoA	-8,90584134	0,113	0,314
CHR3	18247562	CHR3:18247562	SSF x Far_LoA	-11,5629495	0,044	0,305
CHR3	18256942	CHR3:18256942	SSF x Far_LoA	-10,8136475	-0,007	0,306

CHR3	18257227	CHR3:18257227	SSF x Far_LoA	-8,1630801	-0,127	0,303
CHR3	18261337	CHR3:18261337	SSF x Far_LoA	-8,85183759	-0,031	0,314
CHR3	18261371	CHR3:18261371	SSF x Far_LoA	-10,1385665	-0,049	0,317
CHR3	18263569	CHR3:18263569	SSF x Far_LoA	-9,67477895	0,038	0,304
CHR3	18263581	CHR3:18263581	SSF x Far_LoA	-9,78188591	-0,009	0,304
CHR3	18263649	CHR3:18263649	SSF x Far_LoA	-9,55163824	0,000	0,310
CHR3	18263663	CHR3:18263663	SSF x Far_LoA	-6,75632942	0,000	0,316
CHR3	18263717	CHR3:18263717	SSF x Far_LoA	-8,59705031	-0,096	0,302
CHR3	18264639	CHR3:18264639	SSF x Far_LoA	-11,5107174	0,034	0,314
CHR3	18264708	CHR3:18264708	SSF x Far_LoA	-10,5871399	-0,087	0,305
CHR3	18264725	CHR3:18264725	SSF x Far_LoA	-9,62586097	-0,098	0,298
CHR3	18264736	CHR3:18264736	SSF x Far_LoA	-8,85299295	-0,048	0,301
CHR3	18270492	CHR3:18270492	SSF x Far_LoA	-8,8568357	0,058	0,299
CHR3	18270502	CHR3:18270502	SSF x Far_LoA	-8,28135272	0,077	0,309
CHR3	18270578	CHR3:18270578	SSF x Far_LoA	-8,73585063	-0,105	0,307
CHR3	18270639	CHR3:18270639	SSF x Far_LoA	-11,1954669	-0,062	0,289
CHR3	18270656	CHR3:18270656	SSF x Far_LoA	-11,2249249	-0,067	0,300
CHR3	18270694	CHR3:18270694	SSF x Far_LoA	-5,12318883	0,259	0,295
CHR3	18270705	CHR3:18270705	SSF x Far_LoA	-8,46302637	-0,103	0,311
CHR3	18270760	CHR3:18270760	SSF x Far_LoA	-7,54477953	-0,149	0,288
CHR3	18275017	CHR3:18275017	SSF x Far_LoA	-8,78610973	-0,042	0,307
CHR3	18275046	CHR3:18275046	SSF x Far_LoA	-9,34152078	0,074	0,314
CHR3	18275216	CHR3:18275216	SSF x Far_LoA	-10,2732006	0,005	0,307
CHR3	18285433	CHR3:18285433	SSF x Far_LoA	-7,91411508	0,007	0,327
CHR3	18285453	CHR3:18285453	SSF x Far_LoA	-10,3059816	-0,029	0,324
CHR3	18290316	CHR3:18290316	SSF x Far_LoA	-7,9357338	-0,049	0,309
CHR3	18290349	CHR3:18290349	SSF x Far_LoA	-10,2525788	0,020	0,311
CHR3	18291388	CHR3:18291388	SSF x Far_LoA	-4,40465247	0,176	0,292
CHR3	18291449	CHR3:18291449	SSF x Far_LoA	-8,39496865	-0,060	0,301
CHR3	18293501	CHR3:18293501	SSF x Far_LoA	-6,891592	0,009	0,306
CHR3	18302760	CHR3:18302760	SSF x Far_LoA	-5,66280398	0,140	0,301
CHR3	18309014	CHR3:18309014	SSF x Far_LoA	-7,7101811	0,046	0,317
CHR3	18309060	CHR3:18309060	SSF x Far_LoA	-9,39004699	0,046	0,299
CHR3	18309093	CHR3:18309093	SSF x Far_LoA	-8,93343973	0,021	0,311
CHR3	18323387	CHR3:18323387	SSF x Far_LoA	-8,6731602	0,017	0,310
CHR3	18323414	CHR3:18323414	SSF x Far_LoA	-7,36349107	-0,043	0,319
CHR3	18323498	CHR3:18323498	SSF x Far_LoA	-10,8481713	0,019	0,310
CHR3	18332590	CHR3:18332590	SSF x Far_LoA	-8,95183996	0,044	0,306
CHR3	18332591	CHR3:18332591	SSF x Far_LoA	-8,8660509	-0,101	0,304
CHR3	1833802	CHR3:1833802	SSF x Far_LoA	-9,36578976	0,051	0,307
CHR3	1833816	CHR3:1833816	SSF x Far_LoA	-11,0149224	-0,020	0,295
CHR3	1834070	CHR3:1834070	SSF x Far_LoA	-8,5271887	0,085	0,315
CHR3	1834078	CHR3:1834078	SSF x Far_LoA	-8,40994233	0,091	0,309
CHR3	1834098	CHR3:1834098	SSF x Far_LoA	-7,11356256	-0,170	0,289
CHR3	1834118	CHR3:1834118	SSF x Far_LoA	-8,24489218	0,100	0,309
CHR3	18341380	CHR3:18341380	SSF x Far_LoA	-10,3468033	-0,007	0,318
CHR3	1834141	CHR3:1834141	SSF x Far_LoA	-10,5291583	0,099	0,314
CHR3	18341448	CHR3:18341448	SSF x Far_LoA	-9,86986803	-0,075	0,294
CHR3	18341529	CHR3:18341529	SSF x Far_LoA	-8,90406702	0,022	0,314
CHR3	18341531	CHR3:18341531	SSF x Far_LoA	-10,3961323	-0,045	0,312
CHR3	18341539	CHR3:18341539	SSF x Far_LoA	-8,76497322	0,040	0,315
CHR3	18341546	CHR3:18341546	SSF x Far_LoA	-8,33075299	0,005	0,317
CHR3	18341559	CHR3:18341559	SSF x Far_LoA	-8,19744498	0,032	0,316

CHR3	18341563	CHR3:18341563	SSF x Far_LoA	-9,03148975	0,042	0,318
CHR3	18341609	CHR3:18341609	SSF x Far_LoA	-10,4963814	-0,002	0,301
CHR3	18351929	CHR3:18351929	SSF x Far_LoA	-9,29430029	-0,030	0,306
CHR3	18351944	CHR3:18351944	SSF x Far_LoA	-6,71891129	-0,074	0,301
CHR3	18351945	CHR3:18351945	SSF x Far_LoA	-6,48240181	-0,129	0,305
CHR3	18360738	CHR3:18360738	SSF x Far_LoA	-7,54647175	-0,008	0,315
CHR3	18361114	CHR3:18361114	SSF x Far_LoA	-9,78855596	-0,005	0,304
CHR3	18373363	CHR3:18373363	SSF x Far_LoA	-5,36148221	-0,182	0,289
CHR3	18373477	CHR3:18373477	SSF x Far_LoA	-5,29235054	-0,165	0,308
CHR3	18378924	CHR3:18378924	SSF x Far_LoA	-6,15038213	0,157	0,302
CHR3	18383782	CHR3:18383782	SSF x Far_LoA	-11,1805616	0,025	0,306
CHR3	18383810	CHR3:18383810	SSF x Far_LoA	-9,82033054	-0,063	0,303
CHR3	18383838	CHR3:18383838	SSF x Far_LoA	-10,8088743	-0,001	0,313
CHR3	18383858	CHR3:18383858	SSF x Far_LoA	-8,79327118	0,041	0,296
CHR3	18385656	CHR3:18385656	SSF x Far_LoA	-11,1455731	-0,084	0,306
CHR3	18385663	CHR3:18385663	SSF x Far_LoA	-10,3758845	-0,099	0,317
CHR3	18385703	CHR3:18385703	SSF x Far_LoA	-8,24403834	-0,118	0,316
CHR3	18385727	CHR3:18385727	SSF x Far_LoA	-10,4446855	-0,098	0,315
CHR3	18385775	CHR3:18385775	SSF x Far_LoA	-5,24631443	0,036	0,302
CHR3	18385781	CHR3:18385781	SSF x Far_LoA	-7,68019031	-0,101	0,315
CHR3	18385798	CHR3:18385798	SSF x Far_LoA	-11,2666877	-0,089	0,304
CHR3	18385818	CHR3:18385818	SSF x Far_LoA	-8,45233369	-0,106	0,314
CHR3	18385846	CHR3:18385846	SSF x Far_LoA	-6,16943636	0,162	0,298
CHR3	18385854	CHR3:18385854	SSF x Far_LoA	-11,900545	0,060	0,298
CHR3	18385877	CHR3:18385877	SSF x Far_LoA	-6,90715885	-0,049	0,311
CHR3	18390937	CHR3:18390937	SSF x Far_LoA	-10,3804178	0,062	0,304
CHR3	18391011	CHR3:18391011	SSF x Far_LoA	-11,2472636	-0,031	0,302
CHR3	18391970	CHR3:18391970	SSF x Far_LoA	-3,73384769	0,181	0,311
CHR3	18392809	CHR3:18392809	SSF x Far_LoA	-9,70595685	0,083	0,302
CHR3	18392866	CHR3:18392866	SSF x Far_LoA	-8,66155473	0,096	0,304
CHR3	18392926	CHR3:18392926	SSF x Far_LoA	-8,4394334	0,075	0,293
CHR3	18403496	CHR3:18403496	SSF x Far_LoA	-10,3767224	0,114	0,309
CHR3	18403590	CHR3:18403590	SSF x Far_LoA	-9,09001523	-0,045	0,311
CHR3	18408294	CHR3:18408294	SSF x Far_LoA	-7,98103397	-0,102	0,309
CHR3	18408386	CHR3:18408386	SSF x Far_LoA	-8,95368896	-0,041	0,314
CHR3	18418956	CHR3:18418956	SSF x Far_LoA	-10,5590464	-0,002	0,305
CHR3	18418965	CHR3:18418965	SSF x Far_LoA	-12,1173601	-0,006	0,296
CHR3	18419045	CHR3:18419045	SSF x Far_LoA	-10,6254401	0,019	0,309
CHR3	18419048	CHR3:18419048	SSF x Far_LoA	2,73760061	-0,026	0,297
CHR3	18419075	CHR3:18419075	SSF x Far_LoA	-9,13657474	0,004	0,304
CHR3	18419077	CHR3:18419077	SSF x Far_LoA	-7,70526376	-0,001	0,311
CHR3	18419142	CHR3:18419142	SSF x Far_LoA	-8,69713564	-0,002	0,321
CHR3	18419161	CHR3:18419161	SSF x Far_LoA	-9,16132909	0,015	0,303
CHR3	18423083	CHR3:18423083	SSF x Far_LoA	-8,59631817	0,114	0,303
CHR3	18423121	CHR3:18423121	SSF x Far_LoA	-2,81668262	0,115	0,302
CHR3	18423131	CHR3:18423131	SSF x Far_LoA	-9,52523614	0,015	0,317
CHR3	18428546	CHR3:18428546	SSF x Far_LoA	-9,47656696	-0,023	0,296
CHR3	1843061	CHR3:1843061	SSF x Far_LoA	-11,8106381	0,051	0,304
CHR3	18431851	CHR3:18431851	SSF x Far_LoA	-8,59198272	0,020	0,322
CHR3	1843198	CHR3:1843198	SSF x Far_LoA	-10,9085327	0,023	0,310
CHR3	1843241	CHR3:1843241	SSF x Far_LoA	-10,8541376	-0,051	0,323
CHR3	1843248	CHR3:1843248	SSF x Far_LoA	-11,3002665	-0,018	0,315
CHR3	18438966	CHR3:18438966	SSF x Far_LoA	-11,6477628	0,042	0,302

CHR3	18438970	CHR3:18438970	SSF x Far_LoA	-11,3072918	-0,061	0,296
CHR3	18438994	CHR3:18438994	SSF x Far_LoA	-7,46152413	-0,062	0,306
CHR3	18440325	CHR3:18440325	SSF x Far_LoA	-10,483289	0,012	0,309
CHR3	18440337	CHR3:18440337	SSF x Far_LoA	-7,6876398	0,033	0,301
CHR3	18440350	CHR3:18440350	SSF x Far_LoA	-8,30300145	0,020	0,317
CHR3	18440383	CHR3:18440383	SSF x Far_LoA	-8,76233273	-0,055	0,323
CHR3	18440603	CHR3:18440603	SSF x Far_LoA	-10,8433319	-0,012	0,313
CHR3	18440680	CHR3:18440680	SSF x Far_LoA	-6,46640917	-0,067	0,317
CHR3	18448345	CHR3:18448345	SSF x Far_LoA	-10,8537751	-0,046	0,298
CHR3	18452546	CHR3:18452546	SSF x Far_LoA	-9,22739735	-0,055	0,329
CHR3	18461706	CHR3:18461706	SSF x Far_LoA	-9,51692606	0,083	0,307
CHR3	18461909	CHR3:18461909	SSF x Far_LoA	-10,7522118	0,099	0,306
CHR3	18469965	CHR3:18469965	SSF x Far_LoA	-7,26693058	0,014	0,315
CHR3	18469993	CHR3:18469993	SSF x Far_LoA	-10,480596	0,058	0,298
CHR3	18469998	CHR3:18469998	SSF x Far_LoA	-7,44707193	-0,081	0,314
CHR3	18470043	CHR3:18470043	SSF x Far_LoA	-8,73822828	-0,022	0,315
CHR3	18470270	CHR3:18470270	SSF x Far_LoA	-9,34213774	-0,015	0,308
CHR3	18470346	CHR3:18470346	SSF x Far_LoA	-10,6316221	0,017	0,302
CHR3	18474630	CHR3:18474630	SSF x Far_LoA	-10,823823	-0,010	0,308
CHR3	18474646	CHR3:18474646	SSF x Far_LoA	-9,99671771	-0,118	0,299
CHR3	18474775	CHR3:18474775	SSF x Far_LoA	-5,80365732	-0,068	0,320
CHR3	18479606	CHR3:18479606	SSF x Far_LoA	-6,36196818	-0,069	0,296
CHR3	18479618	CHR3:18479618	SSF x Far_LoA	-6,58566128	-0,102	0,311
CHR3	18483378	CHR3:18483378	SSF x Far_LoA	-9,99758552	0,037	0,300
CHR3	18487838	CHR3:18487838	SSF x Far_LoA	-4,33288701	-0,055	0,300
CHR3	18487875	CHR3:18487875	SSF x Far_LoA	-9,30028537	-0,008	0,308
CHR3	18487904	CHR3:18487904	SSF x Far_LoA	-8,64332612	-0,053	0,303
CHR3	18487919	CHR3:18487919	SSF x Far_LoA	-10,0210306	-0,050	0,299
CHR3	18487932	CHR3:18487932	SSF x Far_LoA	-10,8963282	-0,069	0,297
CHR3	18487935	CHR3:18487935	SSF x Far_LoA	-10,6690561	-0,060	0,304
CHR3	18487938	CHR3:18487938	SSF x Far_LoA	-11,0300621	-0,072	0,296
CHR3	18487955	CHR3:18487955	SSF x Far_LoA	-10,6060524	0,061	0,291
CHR3	18487978	CHR3:18487978	SSF x Far_LoA	-5,53126441	0,098	0,310
CHR3	18487991	CHR3:18487991	SSF x Far_LoA	-8,44321979	0,008	0,300
CHR3	18487997	CHR3:18487997	SSF x Far_LoA	-9,44838136	0,031	0,300
CHR3	18493737	CHR3:18493737	SSF x Far_LoA	-9,15542484	0,023	0,301
CHR3	18496071	CHR3:18496071	SSF x Far_LoA	-7,67918314	-0,044	0,305
CHR3	18498216	CHR3:18498216	SSF x Far_LoA	-10,241164	-0,007	0,309
CHR3	18498232	CHR3:18498232	SSF x Far_LoA	-9,0955464	-0,008	0,316
CHR3	18498233	CHR3:18498233	SSF x Far_LoA	-10,6454467	0,011	0,312
CHR3	18498280	CHR3:18498280	SSF x Far_LoA	-9,52207491	0,060	0,301
CHR3	18498282	CHR3:18498282	SSF x Far_LoA	-9,75867981	0,031	0,305
CHR3	18500167	CHR3:18500167	SSF x Far_LoA	-9,45578466	0,081	0,293
CHR3	18500202	CHR3:18500202	SSF x Far_LoA	-8,8176043	0,112	0,293
CHR3	18500208	CHR3:18500208	SSF x Far_LoA	-11,8187718	0,028	0,299
CHR3	18501429	CHR3:18501429	SSF x Far_LoA	-10,2366172	-0,020	0,305
CHR3	1851209	CHR3:1851209	SSF x Far_LoA	-10,9984779	-0,041	0,298
CHR3	1851218	CHR3:1851218	SSF x Far_LoA	-11,7007553	0,070	0,298
CHR3	1851297	CHR3:1851297	SSF x Far_LoA	-6,90579997	-0,084	0,320
CHR3	1851432	CHR3:1851432	SSF x Far_LoA	-8,72403119	-0,023	0,307
CHR3	18537197	CHR3:18537197	SSF x Far_LoA	-5,14513145	0,129	0,308
CHR3	18537321	CHR3:18537321	SSF x Far_LoA	-8,96798621	0,056	0,310
CHR3	18538354	CHR3:18538354	SSF x Far_LoA	-6,26189747	0,146	0,298

CHR3	18538426	CHR3:18538426	SSF x Far_LoA	-7,67618387	0,085	0,308
CHR3	18538437	CHR3:18538437	SSF x Far_LoA	-8,73791898	0,121	0,292
CHR3	18555905	CHR3:18555905	SSF x Far_LoA	-7,19703256	0,079	0,305
CHR3	18555925	CHR3:18555925	SSF x Far_LoA	-10,7160866	-0,041	0,295
CHR3	18555934	CHR3:18555934	SSF x Far_LoA	-9,00242105	-0,004	0,310
CHR3	18563114	CHR3:18563114	SSF x Far_LoA	-8,5278933	-0,032	0,313
CHR3	18573795	CHR3:18573795	SSF x Far_LoA	-8,25914321	0,022	0,308
CHR3	18573830	CHR3:18573830	SSF x Far_LoA	-6,1418683	-0,144	0,291
CHR3	18575264	CHR3:18575264	SSF x Far_LoA	-4,09478003	-0,056	0,311
CHR3	1858167	CHR3:1858167	SSF x Far_LoA	-8,94446001	0,023	0,313
CHR3	1858333	CHR3:1858333	SSF x Far_LoA	-9,9363607	0,109	0,321
CHR3	18583962	CHR3:18583962	SSF x Far_LoA	-8,80078708	0,103	0,309
CHR3	18586720	CHR3:18586720	SSF x Far_LoA	-8,26687625	0,050	0,309
CHR3	18586807	CHR3:18586807	SSF x Far_LoA	-8,79018647	0,111	0,303
CHR3	18586845	CHR3:18586845	SSF x Far_LoA	-7,39690239	0,107	0,309
CHR3	18586897	CHR3:18586897	SSF x Far_LoA	-10,3081399	-0,109	0,306
CHR3	18590707	CHR3:18590707	SSF x Far_LoA	-7,88209077	0,117	0,296
CHR3	18590790	CHR3:18590790	SSF x Far_LoA	-6,82711421	-0,155	0,299
CHR3	18590829	CHR3:18590829	SSF x Far_LoA	-6,88214412	0,025	0,321
CHR3	18590894	CHR3:18590894	SSF x Far_LoA	-4,90938279	-0,159	0,294
CHR3	18598870	CHR3:18598870	SSF x Far_LoA	-11,2113003	0,050	0,306
CHR3	18598922	CHR3:18598922	SSF x Far_LoA	-3,02003972	0,105	0,294
CHR3	18611689	CHR3:18611689	SSF x Far_LoA	-9,05832683	0,028	0,308
CHR3	18611695	CHR3:18611695	SSF x Far_LoA	-8,86450487	0,034	0,314
CHR3	18611844	CHR3:18611844	SSF x Far_LoA	-9,70825106	0,012	0,294
CHR3	18620364	CHR3:18620364	SSF x Far_LoA	-9,31798142	0,040	0,307
CHR3	18620418	CHR3:18620418	SSF x Far_LoA	-10,4694674	0,087	0,303
CHR3	18620441	CHR3:18620441	SSF x Far_LoA	-9,44741272	0,000	0,304
CHR3	18620587	CHR3:18620587	SSF x Far_LoA	-11,569997	0,049	0,315
CHR3	18620598	CHR3:18620598	SSF x Far_LoA	-9,03350398	-0,032	0,317
CHR3	18635912	CHR3:18635912	SSF x Far_LoA	-10,2610225	0,097	0,300
CHR3	18635944	CHR3:18635944	SSF x Far_LoA	-7,33158996	-0,158	0,286
CHR3	18635965	CHR3:18635965	SSF x Far_LoA	-6,95116682	0,129	0,303
CHR3	18635974	CHR3:18635974	SSF x Far_LoA	-5,86255146	-0,149	0,310
CHR3	1866079	CHR3:1866079	SSF x Far_LoA	-8,67896005	0,051	0,308
CHR3	18667463	CHR3:18667463	SSF x Far_LoA	-8,52674884	0,038	0,317
CHR3	18667499	CHR3:18667499	SSF x Far_LoA	-9,35473463	-0,030	0,315
CHR3	18667504	CHR3:18667504	SSF x Far_LoA	-8,1374103	0,105	0,312
CHR3	18667537	CHR3:18667537	SSF x Far_LoA	-9,30657542	0,037	0,301
CHR3	18670799	CHR3:18670799	SSF x Far_LoA	-9,34983913	-0,006	0,299
CHR3	18680085	CHR3:18680085	SSF x Far_LoA	-10,7149206	0,001	0,301
CHR3	18685961	CHR3:18685961	SSF x Far_LoA	-9,45838883	0,089	0,313
CHR3	18689061	CHR3:18689061	SSF x Far_LoA	-5,575691	-0,191	0,289
CHR3	18695873	CHR3:18695873	SSF x Far_LoA	-6,29386447	0,074	0,304
CHR3	18696236	CHR3:18696236	SSF x Far_LoA	-8,18085851	-0,079	0,314
CHR3	18696291	CHR3:18696291	SSF x Far_LoA	-8,75217985	-0,016	0,304
CHR3	18696371	CHR3:18696371	SSF x Far_LoA	-6,98896896	-0,085	0,320
CHR3	18710274	CHR3:18710274	SSF x Far_LoA	-8,20198921	-0,014	0,308
CHR3	18717894	CHR3:18717894	SSF x Far_LoA	-9,38390943	-0,072	0,315
CHR3	18718056	CHR3:18718056	SSF x Far_LoA	-9,28447834	-0,069	0,318
CHR3	18718071	CHR3:18718071	SSF x Far_LoA	-9,2770005	-0,100	0,315
CHR3	18718083	CHR3:18718083	SSF x Far_LoA	-6,65912194	-0,035	0,316
CHR3	18722712	CHR3:18722712	SSF x Far_LoA	-8,82199928	0,046	0,318

CHR3	18722929	CHR3:18722929	SSF x Far_LoA	-6,79940592	-0,092	0,307
CHR3	18722944	CHR3:18722944	SSF x Far_LoA	-9,28665432	0,069	0,294
CHR3	18726773	CHR3:18726773	SSF x Far_LoA	-9,46735907	0,041	0,307
CHR3	18726779	CHR3:18726779	SSF x Far_LoA	-4,01683277	0,039	0,308
CHR3	18726781	CHR3:18726781	SSF x Far_LoA	-10,3354692	0,036	0,298
CHR3	18726785	CHR3:18726785	SSF x Far_LoA	-9,36769357	0,062	0,313
CHR3	18726807	CHR3:18726807	SSF x Far_LoA	-9,84625987	0,053	0,306
CHR3	18726811	CHR3:18726811	SSF x Far_LoA	-8,42276802	0,069	0,297
CHR3	18726819	CHR3:18726819	SSF x Far_LoA	-10,360718	0,042	0,313
CHR3	18726822	CHR3:18726822	SSF x Far_LoA	-8,71826491	0,057	0,307
CHR3	18726826	CHR3:18726826	SSF x Far_LoA	-9,70400653	0,044	0,293
CHR3	18730575	CHR3:18730575	SSF x Far_LoA	-1,03068045	-0,141	0,298
CHR3	18730726	CHR3:18730726	SSF x Far_LoA	-8,28848608	-0,153	0,291
CHR3	18736615	CHR3:18736615	SSF x Far_LoA	-9,43484463	-0,014	0,290
CHR3	18736636	CHR3:18736636	SSF x Far_LoA	-10,4549982	0,052	0,300
CHR3	18736663	CHR3:18736663	SSF x Far_LoA	-9,67585532	0,000	0,307
CHR3	18736669	CHR3:18736669	SSF x Far_LoA	-7,77633747	0,031	0,299
CHR3	18736676	CHR3:18736676	SSF x Far_LoA	-8,64431852	0,009	0,304
CHR3	18736679	CHR3:18736679	SSF x Far_LoA	-8,11013862	0,009	0,314
CHR3	18736683	CHR3:18736683	SSF x Far_LoA	-8,63393961	0,039	0,296
CHR3	18736691	CHR3:18736691	SSF x Far_LoA	-7,6820635	0,035	0,293
CHR3	18736785	CHR3:18736785	SSF x Far_LoA	-10,5838782	0,000	0,303
CHR3	18736807	CHR3:18736807	SSF x Far_LoA	-9,77116924	-0,059	0,300
CHR3	18736810	CHR3:18736810	SSF x Far_LoA	-11,1428881	-0,058	0,309
CHR3	18736822	CHR3:18736822	SSF x Far_LoA	-5,96475325	-0,048	0,303
CHR3	18736847	CHR3:18736847	SSF x Far_LoA	-7,78460914	-0,029	0,314
CHR3	18739219	CHR3:18739219	SSF x Far_LoA	-7,22300898	0,147	0,305
CHR3	18739246	CHR3:18739246	SSF x Far_LoA	-9,79047407	-0,026	0,293
CHR3	18739329	CHR3:18739329	SSF x Far_LoA	5,58589639	0,099	0,284
CHR3	18745864	CHR3:18745864	SSF x Far_LoA	-9,5045811	-0,022	0,301
CHR3	18745903	CHR3:18745903	SSF x Far_LoA	-9,49458236	0,009	0,319
CHR3	18745913	CHR3:18745913	SSF x Far_LoA	-8,89301273	-0,043	0,312
CHR3	18759524	CHR3:18759524	SSF x Far_LoA	-6,86127589	0,036	0,293
CHR3	18759557	CHR3:18759557	SSF x Far_LoA	-9,6728209	0,040	0,300
CHR3	18759568	CHR3:18759568	SSF x Far_LoA	-5,79678148	-0,102	0,306
CHR3	18770924	CHR3:18770924	SSF x Far_LoA	-8,46562008	0,019	0,319
CHR3	18770942	CHR3:18770942	SSF x Far_LoA	-10,2037678	-0,028	0,311
CHR3	18770981	CHR3:18770981	SSF x Far_LoA	-10,8665375	0,000	0,321
CHR3	1877638	CHR3:1877638	SSF x Far_LoA	-9,80269816	-0,099	0,298
CHR3	18781033	CHR3:18781033	SSF x Far_LoA	-12,1271253	0,083	0,293
CHR3	18781054	CHR3:18781054	SSF x Far_LoA	-8,82581833	0,071	0,306
CHR3	18781072	CHR3:18781072	SSF x Far_LoA	-7,6781801	-0,069	0,303
CHR3	18781146	CHR3:18781146	SSF x Far_LoA	-9,03755725	0,053	0,307
CHR3	18781255	CHR3:18781255	SSF x Far_LoA	-11,2045238	-0,019	0,300
CHR3	18781265	CHR3:18781265	SSF x Far_LoA	-11,1889484	-0,010	0,314
CHR3	18781283	CHR3:18781283	SSF x Far_LoA	-9,2076063	0,049	0,316
CHR3	18781288	CHR3:18781288	SSF x Far_LoA	-9,31605178	-0,066	0,313
CHR3	18781309	CHR3:18781309	SSF x Far_LoA	-10,4679322	0,039	0,306
CHR3	18781312	CHR3:18781312	SSF x Far_LoA	-8,38971893	0,003	0,320
CHR3	18781334	CHR3:18781334	SSF x Far_LoA	-4,458216	0,032	0,312
CHR3	18787284	CHR3:18787284	SSF x Far_LoA	-7,35594938	0,107	0,312
CHR3	18787291	CHR3:18787291	SSF x Far_LoA	-6,46500472	-0,001	0,311
CHR3	18787407	CHR3:18787407	SSF x Far_LoA	-8,36919577	0,027	0,305

CHR3	18805167	CHR3:18805167	SSF x Far_LoA	-9,02176132	0,048	0,306
CHR3	18805272	CHR3:18805272	SSF x Far_LoA	-9,70316326	0,120	0,299
CHR3	18807429	CHR3:18807429	SSF x Far_LoA	-7,66570221	0,019	0,325
CHR3	18807449	CHR3:18807449	SSF x Far_LoA	-8,89526772	-0,031	0,309
CHR3	18807470	CHR3:18807470	SSF x Far_LoA	-10,1107043	0,078	0,316
CHR3	18818783	CHR3:18818783	SSF x Far_LoA	-6,78750087	0,150	0,292
CHR3	18818784	CHR3:18818784	SSF x Far_LoA	-7,59227665	0,140	0,296
CHR3	18818863	CHR3:18818863	SSF x Far_LoA	-4,34275866	0,133	0,301
CHR3	18831776	CHR3:18831776	SSF x Far_LoA	-9,61818593	-0,058	0,302
CHR3	18834908	CHR3:18834908	SSF x Far_LoA	-10,6374493	0,103	0,313
CHR3	18843598	CHR3:18843598	SSF x Far_LoA	7,05510275	0,083	0,307
CHR3	18843600	CHR3:18843600	SSF x Far_LoA	-8,8523414	0,053	0,310
CHR3	18843639	CHR3:18843639	SSF x Far_LoA	-8,76011299	-0,065	0,293
CHR3	18845141	CHR3:18845141	SSF x Far_LoA	-9,89166778	-0,038	0,299
CHR3	18845178	CHR3:18845178	SSF x Far_LoA	-8,37612997	0,012	0,292
CHR3	18852152	CHR3:18852152	SSF x Far_LoA	-8,21161551	0,125	0,291
CHR3	18852157	CHR3:18852157	SSF x Far_LoA	-9,78770736	0,128	0,306
CHR3	1885899	CHR3:1885899	SSF x Far_LoA	-10,1957074	0,152	0,291
CHR3	18866200	CHR3:18866200	SSF x Far_LoA	-8,59367891	-0,009	0,300
CHR3	18866222	CHR3:18866222	SSF x Far_LoA	-9,09720174	-0,061	0,303
CHR3	18866247	CHR3:18866247	SSF x Far_LoA	-10,2372292	0,068	0,294
CHR3	18866248	CHR3:18866248	SSF x Far_LoA	-8,5334776	0,038	0,315
CHR3	18866262	CHR3:18866262	SSF x Far_LoA	-8,17476335	-0,018	0,312
CHR3	18866320	CHR3:18866320	SSF x Far_LoA	-8,45409161	-0,011	0,317
CHR3	18877031	CHR3:18877031	SSF x Far_LoA	-10,3976356	0,089	0,295
CHR3	18884346	CHR3:18884346	SSF x Far_LoA	-7,43935351	0,068	0,306
CHR3	18908960	CHR3:18908960	SSF x Far_LoA	-8,1903029	-0,034	0,305
CHR3	18909014	CHR3:18909014	SSF x Far_LoA	-8,67846296	-0,055	0,303
CHR3	18909217	CHR3:18909217	SSF x Far_LoA	-8,36099085	0,162	0,294
CHR3	18909270	CHR3:18909270	SSF x Far_LoA	-6,48633943	-0,106	0,293
CHR3	18914204	CHR3:18914204	SSF x Far_LoA	-9,70949763	0,051	0,304
CHR3	18914332	CHR3:18914332	SSF x Far_LoA	-9,41330344	0,105	0,304
CHR3	1891758	CHR3:1891758	SSF x Far_LoA	-9,81281055	0,006	0,308
CHR3	1891811	CHR3:1891811	SSF x Far_LoA	-10,1266924	0,057	0,306
CHR3	1891812	CHR3:1891812	SSF x Far_LoA	-8,64973253	-0,079	0,306
CHR3	1891814	CHR3:1891814	SSF x Far_LoA	-7,32701053	-0,036	0,306
CHR3	1891854	CHR3:1891854	SSF x Far_LoA	-8,59993164	0,031	0,290
CHR3	1891855	CHR3:1891855	SSF x Far_LoA	-8,16683363	-0,133	0,294
CHR3	1891865	CHR3:1891865	SSF x Far_LoA	-11,4088066	0,017	0,307
CHR3	1891867	CHR3:1891867	SSF x Far_LoA	-10,7359443	-0,014	0,299
CHR3	18920385	CHR3:18920385	SSF x Far_LoA	-7,91417686	0,160	0,304
CHR3	18920404	CHR3:18920404	SSF x Far_LoA	-8,79585087	0,096	0,311
CHR3	18920511	CHR3:18920511	SSF x Far_LoA	-5,61573859	-0,105	0,308
CHR3	18920549	CHR3:18920549	SSF x Far_LoA	-11,7191498	0,090	0,293
CHR3	18925057	CHR3:18925057	SSF x Far_LoA	-8,6440939	0,061	0,304
CHR3	18929282	CHR3:18929282	SSF x Far_LoA	-8,87524895	-0,019	0,309
CHR3	18929513	CHR3:18929513	SSF x Far_LoA	-11,3525652	0,079	0,303
CHR3	18940242	CHR3:18940242	SSF x Far_LoA	-8,74279452	-0,088	0,305
CHR3	18940308	CHR3:18940308	SSF x Far_LoA	-9,87435108	0,065	0,299
CHR3	18940367	CHR3:18940367	SSF x Far_LoA	-9,43154725	-0,030	0,321
CHR3	18940441	CHR3:18940441	SSF x Far_LoA	-11,6293614	0,067	0,307
CHR3	18940470	CHR3:18940470	SSF x Far_LoA	-8,43252911	0,212	0,275
CHR3	1894488	CHR3:1894488	SSF x Far_LoA	-8,23486806	-0,011	0,313

CHR3	1894548	CHR3:1894548	SSF x Far_LoA	-11,1808358	0,125	0,300
CHR3	1894572	CHR3:1894572	SSF x Far_LoA	-11,0079654	-0,007	0,316
CHR3	18950111	CHR3:18950111	SSF x Far_LoA	-8,10243645	-0,083	0,299
CHR3	18950112	CHR3:18950112	SSF x Far_LoA	-10,8226232	-0,076	0,301
CHR3	18950216	CHR3:18950216	SSF x Far_LoA	-6,77084153	-0,133	0,306
CHR3	18950296	CHR3:18950296	SSF x Far_LoA	-8,20070935	-0,132	0,293
CHR3	18956819	CHR3:18956819	SSF x Far_LoA	-8,80806763	-0,070	0,293
CHR3	18956914	CHR3:18956914	SSF x Far_LoA	-9,02011869	-0,033	0,308
CHR3	1896140	CHR3:1896140	SSF x Far_LoA	-9,5539992	-0,015	0,310
CHR3	18983686	CHR3:18983686	SSF x Far_LoA	-10,5879429	-0,023	0,312
CHR3	18983771	CHR3:18983771	SSF x Far_LoA	-9,66505673	0,082	0,305
CHR3	18986037	CHR3:18986037	SSF x Far_LoA	-8,96978455	0,066	0,320
CHR3	18993969	CHR3:18993969	SSF x Far_LoA	-11,3461834	0,079	0,303
CHR3	18994045	CHR3:18994045	SSF x Far_LoA	-7,09231427	0,086	0,314
CHR3	18994077	CHR3:18994077	SSF x Far_LoA	-7,84140672	0,097	0,306
CHR3	18994401	CHR3:18994401	SSF x Far_LoA	-9,4896516	0,048	0,297
CHR3	18994425	CHR3:18994425	SSF x Far_LoA	-3,94092199	0,158	0,299
CHR3	18998163	CHR3:18998163	SSF x Far_LoA	-8,68316405	-0,063	0,301
CHR3	18998257	CHR3:18998257	SSF x Far_LoA	-8,70717919	0,027	0,304
CHR3	1899997	CHR3:1899997	SSF x Far_LoA	-11,5763132	-0,066	0,301
CHR3	19001015	CHR3:19001015	SSF x Far_LoA	-11,2235891	0,068	0,301
CHR3	19004112	CHR3:19004112	SSF x Far_LoA	-7,47933191	-0,017	0,313
CHR3	19004171	CHR3:19004171	SSF x Far_LoA	-8,40305017	-0,048	0,315
CHR3	19004178	CHR3:19004178	SSF x Far_LoA	-7,34856187	0,095	0,302
CHR3	19004206	CHR3:19004206	SSF x Far_LoA	-5,84560542	0,142	0,276
CHR3	19019234	CHR3:19019234	SSF x Far_LoA	-10,5557132	-0,064	0,314
CHR3	19019254	CHR3:19019254	SSF x Far_LoA	-11,3957322	-0,089	0,302
CHR3	1902729	CHR3:1902729	SSF x Far_LoA	-7,91143062	0,153	0,289
CHR3	19037787	CHR3:19037787	SSF x Far_LoA	-8,07138324	0,133	0,306
CHR3	19037795	CHR3:19037795	SSF x Far_LoA	-9,46925831	0,114	0,287
CHR3	19037839	CHR3:19037839	SSF x Far_LoA	-9,61775515	0,099	0,293
CHR3	19038028	CHR3:19038028	SSF x Far_LoA	-7,85308326	0,065	0,306
CHR3	19042842	CHR3:19042842	SSF x Far_LoA	-8,41489976	-0,130	0,295
CHR3	19042974	CHR3:19042974	SSF x Far_LoA	-9,42973179	0,131	0,295
CHR3	19043065	CHR3:19043065	SSF x Far_LoA	-2,71327079	0,173	0,306
CHR3	19045508	CHR3:19045508	SSF x Far_LoA	-6,33389567	-0,150	0,291
CHR3	19045709	CHR3:19045709	SSF x Far_LoA	-9,56898095	0,087	0,292
CHR3	1906688	CHR3:1906688	SSF x Far_LoA	-10,709788	-0,029	0,297
CHR3	1906700	CHR3:1906700	SSF x Far_LoA	-7,74056177	-0,005	0,292
CHR3	1906721	CHR3:1906721	SSF x Far_LoA	-11,8214255	-0,106	0,306
CHR3	1906731	CHR3:1906731	SSF x Far_LoA	-7,47383579	-0,067	0,312
CHR3	19079604	CHR3:19079604	SSF x Far_LoA	-11,2443141	0,031	0,319
CHR3	19087977	CHR3:19087977	SSF x Far_LoA	-10,3581697	-0,070	0,312
CHR3	1910886	CHR3:1910886	SSF x Far_LoA	-10,8211639	0,099	0,312
CHR3	1911840	CHR3:1911840	SSF x Far_LoA	-8,98029888	0,160	0,303
CHR3	1911890	CHR3:1911890	SSF x Far_LoA	-9,22714478	0,018	0,303
CHR3	19147274	CHR3:19147274	SSF x Far_LoA	-9,09775021	-0,014	0,287
CHR3	19147372	CHR3:19147372	SSF x Far_LoA	-6,98213307	0,036	0,312
CHR3	1915050	CHR3:1915050	SSF x Far_LoA	-10,1175789	-0,110	0,288
CHR3	1915877	CHR3:1915877	SSF x Far_LoA	-4,94959156	-0,109	0,301
CHR3	1915885	CHR3:1915885	SSF x Far_LoA	-8,47278189	0,034	0,295
CHR3	19167627	CHR3:19167627	SSF x Far_LoA	-9,59083448	0,115	0,305
CHR3	19167797	CHR3:19167797	SSF x Far_LoA	-11,8486811	-0,088	0,306

CHR3	19167844	CHR3:19167844	SSF x Far_LoA	-6,94322712	0,162	0,297
CHR3	19167872	CHR3:19167872	SSF x Far_LoA	-7,74531479	0,184	0,308
CHR3	19167899	CHR3:19167899	SSF x Far_LoA	-9,95179828	-0,051	0,314
CHR3	19185518	CHR3:19185518	SSF x Far_LoA	-10,8550023	-0,119	0,315
CHR3	19188177	CHR3:19188177	SSF x Far_LoA	-10,8562279	-0,045	0,315
CHR3	19202979	CHR3:19202979	SSF x Far_LoA	-8,88888877	-0,050	0,301
CHR3	19203135	CHR3:19203135	SSF x Far_LoA	-10,3622538	0,089	0,297
CHR3	19210411	CHR3:19210411	SSF x Far_LoA	-9,35368007	-0,004	0,292
CHR3	19210454	CHR3:19210454	SSF x Far_LoA	-9,87827307	-0,027	0,316
CHR3	19210455	CHR3:19210455	SSF x Far_LoA	-9,92542996	-0,020	0,310
CHR3	19217757	CHR3:19217757	SSF x Far_LoA	-9,11116784	-0,047	0,307
CHR3	19217759	CHR3:19217759	SSF x Far_LoA	-9,64606763	-0,116	0,295
CHR3	19217846	CHR3:19217846	SSF x Far_LoA	-8,82993681	0,019	0,306
CHR3	19219866	CHR3:19219866	SSF x Far_LoA	-8,43238813	-0,044	0,305
CHR3	19219871	CHR3:19219871	SSF x Far_LoA	-9,05907834	-0,035	0,311
CHR3	19219874	CHR3:19219874	SSF x Far_LoA	-11,1449719	0,023	0,288
CHR3	19219906	CHR3:19219906	SSF x Far_LoA	-7,36025102	0,070	0,295
CHR3	19219921	CHR3:19219921	SSF x Far_LoA	-4,08815997	-0,058	0,317
CHR3	1924661	CHR3:1924661	SSF x Far_LoA	-5,50399384	-0,244	0,277
CHR3	1924692	CHR3:1924692	SSF x Far_LoA	-11,0943408	-0,048	0,292
CHR3	19271641	CHR3:19271641	SSF x Far_LoA	-6,13790702	0,032	0,319
CHR3	19271744	CHR3:19271744	SSF x Far_LoA	-8,97831872	0,001	0,317
CHR3	19272982	CHR3:19272982	SSF x Far_LoA	-10,3013813	0,044	0,307
CHR3	19280297	CHR3:19280297	SSF x Far_LoA	-11,6396432	0,052	0,307
CHR3	19280439	CHR3:19280439	SSF x Far_LoA	-8,93737746	0,012	0,309
CHR3	19280459	CHR3:19280459	SSF x Far_LoA	-10,7033237	0,019	0,309
CHR3	19282134	CHR3:19282134	SSF x Far_LoA	-8,87147798	-0,053	0,307
CHR3	19282162	CHR3:19282162	SSF x Far_LoA	-10,6100964	0,047	0,309
CHR3	19282188	CHR3:19282188	SSF x Far_LoA	-9,44177156	0,012	0,322
CHR3	19282225	CHR3:19282225	SSF x Far_LoA	-11,3433336	0,008	0,304
CHR3	1929668	CHR3:1929668	SSF x Far_LoA	-12,3044968	-0,001	0,312
CHR3	19311589	CHR3:19311589	SSF x Far_LoA	-8,03710404	-0,180	0,306
CHR3	19311691	CHR3:19311691	SSF x Far_LoA	-3,92502556	-0,190	0,305
CHR3	1931637	CHR3:1931637	SSF x Far_LoA	-10,950995	-0,035	0,302
CHR3	1931646	CHR3:1931646	SSF x Far_LoA	-8,83921673	0,084	0,294
CHR3	19320705	CHR3:19320705	SSF x Far_LoA	-6,71504994	-0,132	0,312
CHR3	19320708	CHR3:19320708	SSF x Far_LoA	-4,94018919	-0,080	0,304
CHR3	19320766	CHR3:19320766	SSF x Far_LoA	-11,2765928	-0,051	0,307
CHR3	19334242	CHR3:19334242	SSF x Far_LoA	-9,63443297	0,020	0,315
CHR3	1933765	CHR3:1933765	SSF x Far_LoA	-10,0352608	0,130	0,303
CHR3	1933807	CHR3:1933807	SSF x Far_LoA	-10,188067	-0,049	0,303
CHR3	1933871	CHR3:1933871	SSF x Far_LoA	-9,10948346	0,014	0,307
CHR3	1933937	CHR3:1933937	SSF x Far_LoA	4,94208273	-0,078	0,302
CHR3	19368516	CHR3:19368516	SSF x Far_LoA	-10,569286	0,039	0,311
CHR3	19368527	CHR3:19368527	SSF x Far_LoA	-11,01299	-0,047	0,314
CHR3	19388369	CHR3:19388369	SSF x Far_LoA	-10,8881838	0,058	0,317
CHR3	19396364	CHR3:19396364	SSF x Far_LoA	-5,40076303	-0,126	0,309
CHR3	19398957	CHR3:19398957	SSF x Far_LoA	-9,19106997	0,021	0,318
CHR3	19438406	CHR3:19438406	SSF x Far_LoA	-8,78332839	0,045	0,308
CHR3	1944110	CHR3:1944110	SSF x Far_LoA	-9,06250616	-0,014	0,304
CHR3	1944173	CHR3:1944173	SSF x Far_LoA	-1,34060747	-0,029	0,316
CHR3	1944176	CHR3:1944176	SSF x Far_LoA	-9,12910469	-0,007	0,316
CHR3	1944201	CHR3:1944201	SSF x Far_LoA	-5,85095636	-0,007	0,308

CHR3	19444348	CHR3:19444348	SSF x Far_LoA	-7,09474299	-0,125	0,307
CHR3	19444372	CHR3:19444372	SSF x Far_LoA	-10,1607111	0,030	0,312
CHR3	19448274	CHR3:19448274	SSF x Far_LoA	-8,08922582	-0,083	0,307
CHR3	19449987	CHR3:19449987	SSF x Far_LoA	-10,8537553	0,085	0,302
CHR3	19458331	CHR3:19458331	SSF x Far_LoA	-9,82371388	0,077	0,302
CHR3	19458332	CHR3:19458332	SSF x Far_LoA	-5,9545371	0,114	0,290
CHR3	1946914	CHR3:1946914	SSF x Far_LoA	-10,9239489	-0,036	0,310
CHR3	19471516	CHR3:19471516	SSF x Far_LoA	-8,46348841	0,042	0,308
CHR3	19488553	CHR3:19488553	SSF x Far_LoA	-10,6082316	0,022	0,312
CHR3	19488593	CHR3:19488593	SSF x Far_LoA	-9,8294976	0,040	0,306
CHR3	1949079	CHR3:1949079	SSF x Far_LoA	-7,9285158	0,078	0,310
CHR3	1949157	CHR3:1949157	SSF x Far_LoA	-11,8163833	0,005	0,315
CHR3	2E+07	CHR3:19504329	SSF x Far_LoA	-10,3290289	0,019	0,326
CHR3	2E+07	CHR3:19504337	SSF x Far_LoA	-9,55219283	-0,098	0,304
CHR3	2E+07	CHR3:19504355	SSF x Far_LoA	-6,46934775	0,031	0,308
CHR3	2E+07	CHR3:19504370	SSF x Far_LoA	-11,0589715	0,095	0,300
CHR3	2E+07	CHR3:19508689	SSF x Far_LoA	-10,4854748	0,104	0,305
CHR3	2E+07	CHR3:19508696	SSF x Far_LoA	-8,26624213	0,087	0,300
CHR3	2E+07	CHR3:19508890	SSF x Far_LoA	-5,27454535	0,159	0,295
CHR3	2E+07	CHR3:19513025	SSF x Far_LoA	-11,2094729	0,043	0,306
CHR3	1951675	CHR3:1951675	SSF x Far_LoA	-10,0981647	-0,103	0,295
CHR3	2E+07	CHR3:19543505	SSF x Far_LoA	-7,33964867	0,170	0,291
CHR3	2E+07	CHR3:19543507	SSF x Far_LoA	-10,5565689	0,001	0,293
CHR3	2E+07	CHR3:19543620	SSF x Far_LoA	-11,4791178	0,020	0,298
CHR3	2E+07	CHR3:19543624	SSF x Far_LoA	-6,27224418	-0,133	0,306
CHR3	2E+07	CHR3:19563145	SSF x Far_LoA	-11,2726882	-0,021	0,312
CHR3	2E+07	CHR3:19563204	SSF x Far_LoA	-5,64401525	-0,058	0,312
CHR3	2E+07	CHR3:19563322	SSF x Far_LoA	-5,78644041	-0,132	0,318
CHR3	2E+07	CHR3:19568620	SSF x Far_LoA	-6,81427761	0,090	0,331
CHR3	2E+07	CHR3:19568652	SSF x Far_LoA	-9,47614102	0,033	0,309
CHR3	2E+07	CHR3:19568672	SSF x Far_LoA	-8,97054235	-0,059	0,304
CHR3	2E+07	CHR3:19568699	SSF x Far_LoA	-10,6731262	-0,030	0,300
CHR3	2E+07	CHR3:19576637	SSF x Far_LoA	-7,98015209	0,120	0,307
CHR3	2E+07	CHR3:19576648	SSF x Far_LoA	-10,4983015	-0,033	0,306
CHR3	2E+07	CHR3:19576677	SSF x Far_LoA	-8,66044207	0,119	0,310
CHR3	2E+07	CHR3:19576732	SSF x Far_LoA	-9,46599669	-0,107	0,295
CHR3	2E+07	CHR3:19576774	SSF x Far_LoA	-9,12882556	0,157	0,301
CHR3	2E+07	CHR3:19576802	SSF x Far_LoA	-9,28130921	0,146	0,296
CHR3	2E+07	CHR3:19576882	SSF x Far_LoA	-10,025738	0,096	0,318
CHR3	2E+07	CHR3:19576915	SSF x Far_LoA	-9,15102999	0,151	0,307
CHR3	2E+07	CHR3:19577786	SSF x Far_LoA	-8,14804327	-0,052	0,325
CHR3	2E+07	CHR3:19577863	SSF x Far_LoA	-8,59429849	-0,063	0,314
CHR3	2E+07	CHR3:19581047	SSF x Far_LoA	-7,88948727	-0,118	0,291
CHR3	2E+07	CHR3:19583353	SSF x Far_LoA	-9,17840332	0,137	0,302
CHR3	2E+07	CHR3:19583585	SSF x Far_LoA	-9,77314982	-0,040	0,326
CHR3	2E+07	CHR3:19583592	SSF x Far_LoA	-9,46626875	-0,049	0,313
CHR3	2E+07	CHR3:19592210	SSF x Far_LoA	-10,6509761	0,033	0,306
CHR3	2E+07	CHR3:19592255	SSF x Far_LoA	-10,0367311	-0,032	0,306
CHR3	2E+07	CHR3:19592289	SSF x Far_LoA	-10,3604518	-0,016	0,295
CHR3	2E+07	CHR3:19592298	SSF x Far_LoA	-10,0525492	0,000	0,308
CHR3	2E+07	CHR3:19599044	SSF x Far_LoA	-9,32575799	-0,106	0,300
CHR3	2E+07	CHR3:19599692	SSF x Far_LoA	-11,5799945	0,043	0,302
CHR3	2E+07	CHR3:19608527	SSF x Far_LoA	-7,8607655	0,074	0,304

CHR3	2E+07	CHR3:19609387	SSF x Far_LoA	-7,64856262	0,092	0,314
CHR3	2E+07	CHR3:19609491	SSF x Far_LoA	-9,70594291	0,043	0,280
CHR3	2E+07	CHR3:19609497	SSF x Far_LoA	-11,2777787	0,095	0,297
CHR3	2E+07	CHR3:19611306	SSF x Far_LoA	-5,95971123	-0,099	0,304
CHR3	2E+07	CHR3:19611395	SSF x Far_LoA	-7,41322059	-0,108	0,318
CHR3	2E+07	CHR3:19628701	SSF x Far_LoA	-9,63424953	-0,013	0,302
CHR3	2E+07	CHR3:19628725	SSF x Far_LoA	-10,7180505	-0,087	0,310
CHR3	2E+07	CHR3:19643656	SSF x Far_LoA	-5,61995443	-0,044	0,304
CHR3	2E+07	CHR3:19643661	SSF x Far_LoA	-2,98331176	0,183	0,279
CHR3	2E+07	CHR3:19643727	SSF x Far_LoA	-9,46442492	-0,025	0,323
CHR3	2E+07	CHR3:19643739	SSF x Far_LoA	-8,62992411	-0,062	0,300
CHR3	2E+07	CHR3:19643740	SSF x Far_LoA	-8,63700183	-0,033	0,303
CHR3	2E+07	CHR3:19643742	SSF x Far_LoA	-7,67624592	-0,081	0,303
CHR3	2E+07	CHR3:19643753	SSF x Far_LoA	-9,24549704	-0,066	0,297
CHR3	2E+07	CHR3:19657589	SSF x Far_LoA	-10,5186014	-0,134	0,308
CHR3	2E+07	CHR3:19673673	SSF x Far_LoA	-9,24859608	-0,072	0,318
CHR3	2E+07	CHR3:19673680	SSF x Far_LoA	-10,0241077	-0,033	0,309
CHR3	2E+07	CHR3:19677435	SSF x Far_LoA	-6,40073866	-0,130	0,316
CHR3	2E+07	CHR3:19677486	SSF x Far_LoA	-10,6682491	-0,024	0,308
CHR3	2E+07	CHR3:19677490	SSF x Far_LoA	-9,83937129	0,055	0,304
CHR3	2E+07	CHR3:19677539	SSF x Far_LoA	-8,38227591	-0,116	0,295
CHR3	2E+07	CHR3:19677589	SSF x Far_LoA	-9,20149013	-0,057	0,311
CHR3	2E+07	CHR3:19677605	SSF x Far_LoA	-10,2911554	-0,057	0,291
CHR3	2E+07	CHR3:19679936	SSF x Far_LoA	-10,5509521	0,021	0,304
CHR3	2E+07	CHR3:19686505	SSF x Far_LoA	-7,78154496	-0,035	0,314
CHR3	2E+07	CHR3:19686601	SSF x Far_LoA	-9,44355869	-0,025	0,308
CHR3	2E+07	CHR3:19694448	SSF x Far_LoA	-10,7663444	0,056	0,301
CHR3	2E+07	CHR3:19694499	SSF x Far_LoA	-8,91162299	-0,052	0,303
CHR3	2E+07	CHR3:19694540	SSF x Far_LoA	-8,6793538	-0,036	0,308
CHR3	2E+07	CHR3:19694556	SSF x Far_LoA	-8,97190543	0,008	0,292
CHR3	2E+07	CHR3:19697923	SSF x Far_LoA	-9,81911104	0,070	0,312
CHR3	2E+07	CHR3:19698027	SSF x Far_LoA	-9,85782609	0,086	0,304
CHR3	2E+07	CHR3:19698035	SSF x Far_LoA	-7,83355124	-0,091	0,306
CHR3	2E+07	CHR3:19698089	SSF x Far_LoA	-10,3620268	-0,010	0,304
CHR3	2E+07	CHR3:19698119	SSF x Far_LoA	-8,62766732	0,011	0,300
CHR3	2E+07	CHR3:19698169	SSF x Far_LoA	-11,4198789	0,020	0,321
CHR3	2E+07	CHR3:19701284	SSF x Far_LoA	-9,20109402	0,097	0,302
CHR3	2E+07	CHR3:19701343	SSF x Far_LoA	-11,8142603	0,015	0,294
CHR3	2E+07	CHR3:19701463	SSF x Far_LoA	-7,86877206	0,079	0,306
CHR3	2E+07	CHR3:19701468	SSF x Far_LoA	-6,89181064	0,049	0,312
CHR3	2E+07	CHR3:19702555	SSF x Far_LoA	-9,30092163	-0,015	0,302
CHR3	2E+07	CHR3:19702575	SSF x Far_LoA	-11,1118817	-0,157	0,304
CHR3	2E+07	CHR3:19724583	SSF x Far_LoA	-9,61037959	0,054	0,321
CHR3	2E+07	CHR3:19726629	SSF x Far_LoA	-10,0471565	0,023	0,310
CHR3	2E+07	CHR3:19728153	SSF x Far_LoA	-5,53632671	0,108	0,311
CHR3	2E+07	CHR3:19728171	SSF x Far_LoA	-8,66958262	0,117	0,307
CHR3	2E+07	CHR3:19728261	SSF x Far_LoA	-8,68498075	0,061	0,311
CHR3	2E+07	CHR3:19740521	SSF x Far_LoA	-9,44424735	0,040	0,311
CHR3	2E+07	CHR3:19740603	SSF x Far_LoA	-2,96475471	-0,083	0,306
CHR3	2E+07	CHR3:19740618	SSF x Far_LoA	-5,77205048	0,080	0,314
CHR3	2E+07	CHR3:19740711	SSF x Far_LoA	-6,85253296	0,125	0,313
CHR3	2E+07	CHR3:19740712	SSF x Far_LoA	-8,38354607	-0,015	0,312
CHR3	2E+07	CHR3:19746840	SSF x Far_LoA	-10,8027262	-0,009	0,294

CHR3	2E+07	CHR3:19748563	SSF x Far_LoA	-10,0548714	-0,002	0,299
CHR3	2E+07	CHR3:19764877	SSF x Far_LoA	-11,9622239	-0,003	0,306
CHR3	2E+07	CHR3:19776041	SSF x Far_LoA	-9,02442905	0,037	0,320
CHR3	2E+07	CHR3:19788968	SSF x Far_LoA	-8,79084475	-0,082	0,310
CHR3	2E+07	CHR3:19788981	SSF x Far_LoA	-6,03543714	0,031	0,306
CHR3	2E+07	CHR3:19789023	SSF x Far_LoA	-9,36622402	-0,060	0,291
CHR3	2E+07	CHR3:19789677	SSF x Far_LoA	-8,24033895	0,001	0,326
CHR3	2E+07	CHR3:19791329	SSF x Far_LoA	-9,17674337	0,013	0,313
CHR3	2E+07	CHR3:19791351	SSF x Far_LoA	-6,8274748	-0,027	0,315
CHR3	2E+07	CHR3:19791358	SSF x Far_LoA	-9,76118564	-0,039	0,323
CHR3	2E+07	CHR3:19791359	SSF x Far_LoA	-10,3100781	-0,086	0,302
CHR3	2E+07	CHR3:19791366	SSF x Far_LoA	-10,2963525	-0,028	0,309
CHR3	2E+07	CHR3:19812520	SSF x Far_LoA	-11,4715905	-0,054	0,318
CHR3	2E+07	CHR3:19830114	SSF x Far_LoA	-8,89633162	0,075	0,299
CHR3	2E+07	CHR3:19830152	SSF x Far_LoA	-10,1372452	-0,079	0,300
CHR3	2E+07	CHR3:19830177	SSF x Far_LoA	-10,2814633	-0,061	0,303
CHR3	2E+07	CHR3:19830331	SSF x Far_LoA	-8,76020045	-0,108	0,305
CHR3	2E+07	CHR3:19830334	SSF x Far_LoA	-8,97062496	0,074	0,303
CHR3	2E+07	CHR3:19853683	SSF x Far_LoA	-10,6437829	0,000	0,305
CHR3	2E+07	CHR3:19864403	SSF x Far_LoA	-10,6085515	-0,040	0,306
CHR3	2E+07	CHR3:19864497	SSF x Far_LoA	-9,44880832	-0,060	0,302
CHR3	2E+07	CHR3:19864519	SSF x Far_LoA	-10,6417128	-0,008	0,296
CHR3	2E+07	CHR3:19864601	SSF x Far_LoA	-10,6323998	-0,052	0,303
CHR3	2E+07	CHR3:19864628	SSF x Far_LoA	-7,71103986	0,065	0,294
CHR3	2E+07	CHR3:19864646	SSF x Far_LoA	-10,7335959	-0,043	0,311
CHR3	2E+07	CHR3:19864656	SSF x Far_LoA	-9,85784308	-0,071	0,304
CHR3	2E+07	CHR3:19886270	SSF x Far_LoA	-9,76381767	-0,025	0,306
CHR3	2E+07	CHR3:19896860	SSF x Far_LoA	-9,3397394	0,006	0,305
CHR3	2E+07	CHR3:19896882	SSF x Far_LoA	-10,0711288	0,057	0,312
CHR3	2E+07	CHR3:19906535	SSF x Far_LoA	-7,91619624	0,100	0,298
CHR3	2E+07	CHR3:19906599	SSF x Far_LoA	-9,48668654	0,105	0,304
CHR3	2E+07	CHR3:19908796	SSF x Far_LoA	-8,0394067	-0,089	0,303
CHR3	2E+07	CHR3:19908846	SSF x Far_LoA	-8,01350558	0,139	0,292
CHR3	2E+07	CHR3:19924521	SSF x Far_LoA	-9,45712178	0,134	0,285
CHR3	1992734	CHR3:1992734	SSF x Far_LoA	-5,89063923	-0,201	0,288
CHR3	1992809	CHR3:1992809	SSF x Far_LoA	-8,84650991	-0,078	0,309
CHR3	2E+07	CHR3:19937345	SSF x Far_LoA	-4,91200812	-0,142	0,295
CHR3	2E+07	CHR3:19941286	SSF x Far_LoA	-9,02154732	-0,057	0,307
CHR3	2E+07	CHR3:19979912	SSF x Far_LoA	-8,64068511	0,080	0,316
CHR3	2E+07	CHR3:19986504	SSF x Far_LoA	-4,24348448	-0,195	0,284
CHR3	2E+07	CHR3:19986805	SSF x Far_LoA	0,29545074	0,151	0,303
CHR3	2E+07	CHR3:20019012	SSF x Far_LoA	-7,70433623	0,070	0,316
CHR3	2E+07	CHR3:20019095	SSF x Far_LoA	-8,49632161	0,080	0,307
CHR3	2E+07	CHR3:20019184	SSF x Far_LoA	-8,42571785	-0,135	0,309
CHR3	2E+07	CHR3:20083883	SSF x Far_LoA	-9,12681607	0,078	0,305
CHR3	2E+07	CHR3:20090801	SSF x Far_LoA	-9,22916345	0,091	0,314
CHR3	2E+07	CHR3:20090823	SSF x Far_LoA	-8,66961526	0,053	0,313
CHR3	2E+07	CHR3:20090857	SSF x Far_LoA	-10,3798122	-0,050	0,309
CHR3	2E+07	CHR3:20090860	SSF x Far_LoA	-9,03322412	-0,130	0,303
CHR3	2E+07	CHR3:20090873	SSF x Far_LoA	-9,00973211	-0,019	0,302
CHR3	2E+07	CHR3:20090885	SSF x Far_LoA	-10,0234833	0,028	0,310
CHR3	2E+07	CHR3:20090892	SSF x Far_LoA	-5,07843217	0,082	0,313
CHR3	2E+07	CHR3:20090911	SSF x Far_LoA	-10,7120952	-0,013	0,307

CHR3	2E+07	CHR3:20090954	SSF x Far_LoA	-8,70176565	0,013	0,299
CHR3	2E+07	CHR3:20091026	SSF x Far_LoA	-9,92105704	-0,018	0,309
CHR3	2E+07	CHR3:20091047	SSF x Far_LoA	-3,66065825	0,008	0,301
CHR3	2E+07	CHR3:20097258	SSF x Far_LoA	-12,2931981	0,003	0,296
CHR3	2E+07	CHR3:20098362	SSF x Far_LoA	-11,0570339	-0,092	0,305
CHR3	2010604	CHR3:2010604	SSF x Far_LoA	-8,39814425	-0,040	0,302
CHR3	2010605	CHR3:2010605	SSF x Far_LoA	-6,20702458	-0,032	0,315
CHR3	2010681	CHR3:2010681	SSF x Far_LoA	-9,72727394	0,001	0,311
CHR3	2E+07	CHR3:20110025	SSF x Far_LoA	-10,9445243	0,026	0,299
CHR3	2013101	CHR3:2013101	SSF x Far_LoA	-7,97810924	-0,117	0,295
CHR3	2013108	CHR3:2013108	SSF x Far_LoA	-9,07944892	-0,170	0,306
CHR3	2013128	CHR3:2013128	SSF x Far_LoA	-11,4839302	-0,090	0,308
CHR3	2013151	CHR3:2013151	SSF x Far_LoA	-10,4572588	-0,057	0,314
CHR3	2013161	CHR3:2013161	SSF x Far_LoA	-9,16220319	-0,056	0,295
CHR3	2013253	CHR3:2013253	SSF x Far_LoA	-11,2780255	-0,005	0,306
CHR3	2013334	CHR3:2013334	SSF x Far_LoA	-9,91935742	0,003	0,329
CHR3	2E+07	CHR3:20135739	SSF x Far_LoA	-10,161043	0,097	0,307
CHR3	2017136	CHR3:2017136	SSF x Far_LoA	-10,6028168	-0,062	0,308
CHR3	2017202	CHR3:2017202	SSF x Far_LoA	-7,29589872	-0,145	0,299
CHR3	2017247	CHR3:2017247	SSF x Far_LoA	-8,67928879	0,024	0,310
CHR3	2017344	CHR3:2017344	SSF x Far_LoA	-10,9347541	-0,060	0,301
CHR3	2017366	CHR3:2017366	SSF x Far_LoA	-9,95386466	0,142	0,293
CHR3	2E+07	CHR3:20184703	SSF x Far_LoA	-12,1768138	-0,028	0,304
CHR3	2E+07	CHR3:20189901	SSF x Far_LoA	-10,9193381	0,000	0,321
CHR3	2E+07	CHR3:20191208	SSF x Far_LoA	-6,69422033	0,083	0,288
CHR3	2E+07	CHR3:20241077	SSF x Far_LoA	-11,341392	0,056	0,295
CHR3	2E+07	CHR3:20243691	SSF x Far_LoA	-9,24063999	-0,090	0,324
CHR3	2E+07	CHR3:20243872	SSF x Far_LoA	-10,0828904	-0,039	0,292
CHR3	2E+07	CHR3:20243927	SSF x Far_LoA	-7,6254582	0,147	0,293
CHR3	2E+07	CHR3:20246095	SSF x Far_LoA	-9,41324416	-0,018	0,322
CHR3	2E+07	CHR3:20246147	SSF x Far_LoA	-10,6011015	0,027	0,296
CHR3	2E+07	CHR3:20269182	SSF x Far_LoA	-9,57914204	-0,096	0,322
CHR3	2E+07	CHR3:20269204	SSF x Far_LoA	-8,77556211	-0,019	0,295
CHR3	2E+07	CHR3:20273487	SSF x Far_LoA	-9,51102079	-0,046	0,302
CHR3	2E+07	CHR3:20273488	SSF x Far_LoA	-10,228342	-0,038	0,295
CHR3	2E+07	CHR3:20273619	SSF x Far_LoA	-8,55997446	0,105	0,302
CHR3	2E+07	CHR3:20273624	SSF x Far_LoA	-7,28291507	-0,066	0,321
CHR3	2E+07	CHR3:20288618	SSF x Far_LoA	-8,91263191	-0,046	0,314
CHR3	2E+07	CHR3:20288619	SSF x Far_LoA	-5,2326846	-0,033	0,311
CHR3	2E+07	CHR3:20288633	SSF x Far_LoA	-9,6995283	0,030	0,320
CHR3	2E+07	CHR3:20289290	SSF x Far_LoA	-9,05435984	0,123	0,321
CHR3	2E+07	CHR3:20289291	SSF x Far_LoA	-9,90221992	0,099	0,310
CHR3	2E+07	CHR3:20293297	SSF x Far_LoA	-9,20728776	-0,076	0,303
CHR3	2E+07	CHR3:20293308	SSF x Far_LoA	-9,24431724	0,106	0,313
CHR3	2E+07	CHR3:20297781	SSF x Far_LoA	-10,5273744	0,093	0,296
CHR3	2E+07	CHR3:20297804	SSF x Far_LoA	-8,73279353	-0,014	0,299
CHR3	2E+07	CHR3:20297835	SSF x Far_LoA	-9,70067652	-0,037	0,305
CHR3	2E+07	CHR3:20297936	SSF x Far_LoA	-8,74397882	-0,092	0,314
CHR3	2E+07	CHR3:20303900	SSF x Far_LoA	-11,175562	-0,043	0,317
CHR3	2E+07	CHR3:20304128	SSF x Far_LoA	-9,52947866	-0,038	0,309
CHR3	2E+07	CHR3:20311646	SSF x Far_LoA	-9,99338697	0,016	0,304
CHR3	2E+07	CHR3:20311647	SSF x Far_LoA	-8,98046816	-0,021	0,315
CHR3	2E+07	CHR3:20311673	SSF x Far_LoA	-10,0472464	0,090	0,293

CHR3	2E+07	CHR3:20312823	SSF x Far_LoA	-8,5441443	-0,154	0,301
CHR3	2E+07	CHR3:20312829	SSF x Far_LoA	-9,17416322	-0,123	0,309
CHR3	2E+07	CHR3:20318101	SSF x Far_LoA	-5,92213094	0,130	0,304
CHR3	2E+07	CHR3:20318148	SSF x Far_LoA	-11,1405294	0,084	0,314
CHR3	2E+07	CHR3:20318152	SSF x Far_LoA	-10,2867568	-0,031	0,313
CHR3	2E+07	CHR3:20318214	SSF x Far_LoA	-9,09626904	0,063	0,311
CHR3	2E+07	CHR3:20318244	SSF x Far_LoA	-7,98606379	0,043	0,313
CHR3	2E+07	CHR3:20318278	SSF x Far_LoA	-5,27401779	0,096	0,310
CHR3	2E+07	CHR3:20318308	SSF x Far_LoA	-8,83068089	0,065	0,295
CHR3	2E+07	CHR3:20334079	SSF x Far_LoA	-4,79581631	0,061	0,301
CHR3	2E+07	CHR3:20334108	SSF x Far_LoA	-10,1065956	0,071	0,312
CHR3	2E+07	CHR3:20334122	SSF x Far_LoA	-9,85856755	0,055	0,299
CHR3	2E+07	CHR3:20340267	SSF x Far_LoA	-9,06644779	0,024	0,309
CHR3	2E+07	CHR3:20348389	SSF x Far_LoA	-4,68982758	0,078	0,310
CHR3	2E+07	CHR3:20348390	SSF x Far_LoA	-8,78208292	-0,032	0,303
CHR3	2E+07	CHR3:20348475	SSF x Far_LoA	-10,9493811	0,041	0,318
CHR3	2E+07	CHR3:20352268	SSF x Far_LoA	-10,7118032	0,000	0,315
CHR3	2035926	CHR3:2035926	SSF x Far_LoA	-11,1229401	-0,032	0,308
CHR3	2E+07	CHR3:20372004	SSF x Far_LoA	-8,42112218	0,158	0,293
CHR3	2E+07	CHR3:20373365	SSF x Far_LoA	-9,15866727	0,070	0,299
CHR3	2E+07	CHR3:20373381	SSF x Far_LoA	-4,10050027	0,061	0,314
CHR3	2E+07	CHR3:20381435	SSF x Far_LoA	-8,44707158	0,061	0,300
CHR3	2E+07	CHR3:20381587	SSF x Far_LoA	-8,97433293	0,026	0,309
CHR3	2E+07	CHR3:20381601	SSF x Far_LoA	-7,72967928	0,035	0,298
CHR3	2E+07	CHR3:20392363	SSF x Far_LoA	-8,32809001	-0,012	0,309
CHR3	2040375	CHR3:2040375	SSF x Far_LoA	-10,4295478	-0,096	0,286
CHR3	2040456	CHR3:2040456	SSF x Far_LoA	-9,74977865	0,022	0,295
CHR3	2E+07	CHR3:20415549	SSF x Far_LoA	-7,09470198	-0,035	0,297
CHR3	2E+07	CHR3:20418900	SSF x Far_LoA	-8,33261867	0,055	0,317
CHR3	2E+07	CHR3:20418969	SSF x Far_LoA	-8,22808011	0,064	0,308
CHR3	2E+07	CHR3:20420036	SSF x Far_LoA	-8,3522447	-0,081	0,319
CHR3	2E+07	CHR3:20420038	SSF x Far_LoA	-8,15074793	-0,025	0,300
CHR3	2E+07	CHR3:20420049	SSF x Far_LoA	-9,52634089	-0,033	0,305
CHR3	2E+07	CHR3:20420129	SSF x Far_LoA	-7,33115312	-0,204	0,310
CHR3	2E+07	CHR3:20423962	SSF x Far_LoA	-7,46495906	-0,189	0,292
CHR3	2E+07	CHR3:20424038	SSF x Far_LoA	-10,7941865	0,082	0,308
CHR3	2E+07	CHR3:20431658	SSF x Far_LoA	-8,68173488	0,015	0,311
CHR3	2E+07	CHR3:20433926	SSF x Far_LoA	-9,27038246	-0,021	0,311
CHR3	2E+07	CHR3:20438249	SSF x Far_LoA	-10,9455359	-0,041	0,309
CHR3	2E+07	CHR3:20447315	SSF x Far_LoA	-10,3718743	0,008	0,294
CHR3	2E+07	CHR3:20450787	SSF x Far_LoA	-10,8097024	-0,019	0,313
CHR3	2E+07	CHR3:20450867	SSF x Far_LoA	-9,38086912	-0,017	0,311
CHR3	2E+07	CHR3:20453790	SSF x Far_LoA	-9,37863725	-0,012	0,316
CHR3	2E+07	CHR3:20453960	SSF x Far_LoA	-10,4072759	-0,042	0,303
CHR3	2E+07	CHR3:20453973	SSF x Far_LoA	-9,51280048	-0,104	0,313
CHR3	2045682	CHR3:2045682	SSF x Far_LoA	-10,1993076	0,094	0,295
CHR3	2045875	CHR3:2045875	SSF x Far_LoA	-1,26704826	-0,078	0,310
CHR3	2045886	CHR3:2045886	SSF x Far_LoA	-5,70618743	-0,084	0,291
CHR3	2045890	CHR3:2045890	SSF x Far_LoA	-12,0398104	-0,022	0,310
CHR3	2E+07	CHR3:20468508	SSF x Far_LoA	-11,5103919	0,115	0,289
CHR3	2E+07	CHR3:20468541	SSF x Far_LoA	-9,34219925	-0,147	0,308
CHR3	2E+07	CHR3:20476403	SSF x Far_LoA	-10,3088745	0,057	0,317
CHR3	2E+07	CHR3:20476533	SSF x Far_LoA	-12,1140772	0,073	0,295

CHR3	2E+07	CHR3:20492875	SSF x Far_LoA	-7,85425535	0,180	0,300
CHR3	2E+07	CHR3:20492877	SSF x Far_LoA	-9,86132651	0,188	0,298
CHR3	2E+07	CHR3:20492912	SSF x Far_LoA	-9,87959461	0,086	0,306
CHR3	2E+07	CHR3:20492959	SSF x Far_LoA	-10,0682321	0,002	0,307
CHR3	2E+07	CHR3:20493680	SSF x Far_LoA	-8,17344583	0,009	0,311
CHR3	20505094	CHR3:20505094	SSF x Far_LoA	-3,75341903	0,175	0,288
CHR3	20505113	CHR3:20505113	SSF x Far_LoA	-2,99071044	0,191	0,283
CHR3	20546699	CHR3:20546699	SSF x Far_LoA	-11,7636831	-0,076	0,300
CHR3	20546998	CHR3:20546998	SSF x Far_LoA	-11,3243248	0,084	0,316
CHR3	20547000	CHR3:20547000	SSF x Far_LoA	-9,55044228	0,100	0,311
CHR3	20551178	CHR3:20551178	SSF x Far_LoA	-7,80140436	-0,029	0,295
CHR3	20551203	CHR3:20551203	SSF x Far_LoA	-8,06316978	0,078	0,316
CHR3	20551268	CHR3:20551268	SSF x Far_LoA	-8,12146888	-0,054	0,313
CHR3	20551453	CHR3:20551453	SSF x Far_LoA	-9,77403049	0,118	0,307
CHR3	20564210	CHR3:20564210	SSF x Far_LoA	-12,3714976	0,011	0,308
CHR3	20564280	CHR3:20564280	SSF x Far_LoA	-8,80673675	-0,017	0,309
CHR3	20566199	CHR3:20566199	SSF x Far_LoA	-8,67138805	-0,048	0,316
CHR3	20566214	CHR3:20566214	SSF x Far_LoA	-9,1786458	-0,034	0,303
CHR3	20566230	CHR3:20566230	SSF x Far_LoA	-9,74697437	-0,046	0,307
CHR3	20566269	CHR3:20566269	SSF x Far_LoA	-6,85894801	-0,053	0,310
CHR3	20566274	CHR3:20566274	SSF x Far_LoA	-9,10607353	-0,047	0,304
CHR3	20566286	CHR3:20566286	SSF x Far_LoA	-9,22394992	-0,081	0,312
CHR3	20566297	CHR3:20566297	SSF x Far_LoA	-8,07911273	-0,079	0,312
CHR3	20566362	CHR3:20566362	SSF x Far_LoA	-9,46112788	-0,041	0,308
CHR3	20569232	CHR3:20569232	SSF x Far_LoA	-8,55544199	0,051	0,296
CHR3	20569238	CHR3:20569238	SSF x Far_LoA	-9,40544373	-0,003	0,297
CHR3	20569298	CHR3:20569298	SSF x Far_LoA	-8,93371207	-0,083	0,305
CHR3	20570298	CHR3:20570298	SSF x Far_LoA	-8,53766899	0,011	0,315
CHR3	20570441	CHR3:20570441	SSF x Far_LoA	-8,28847464	0,034	0,306
CHR3	20584535	CHR3:20584535	SSF x Far_LoA	-7,40656484	0,045	0,315
CHR3	20586524	CHR3:20586524	SSF x Far_LoA	-11,5027869	0,010	0,308
CHR3	20586621	CHR3:20586621	SSF x Far_LoA	-11,4002747	0,025	0,312
CHR3	20586706	CHR3:20586706	SSF x Far_LoA	-4,87639819	-0,190	0,311
CHR3	20586851	CHR3:20586851	SSF x Far_LoA	-10,1181664	0,052	0,309
CHR3	20598714	CHR3:20598714	SSF x Far_LoA	-8,00244758	0,070	0,307
CHR3	20599723	CHR3:20599723	SSF x Far_LoA	-8,83048105	-0,067	0,296
CHR3	20599773	CHR3:20599773	SSF x Far_LoA	-10,6107631	0,023	0,313
CHR3	20599796	CHR3:20599796	SSF x Far_LoA	-8,90637359	-0,033	0,317
CHR3	20610691	CHR3:20610691	SSF x Far_LoA	-7,67475625	-0,125	0,307
CHR3	20610737	CHR3:20610737	SSF x Far_LoA	-8,70649015	-0,006	0,302
CHR3	20610855	CHR3:20610855	SSF x Far_LoA	1,16388749	-0,006	0,310
CHR3	20621050	CHR3:20621050	SSF x Far_LoA	-10,6670649	-0,055	0,316
CHR3	20621123	CHR3:20621123	SSF x Far_LoA	-6,34869834	0,080	0,297
CHR3	20630907	CHR3:20630907	SSF x Far_LoA	-4,51055634	0,013	0,319
CHR3	20640750	CHR3:20640750	SSF x Far_LoA	-10,8386779	0,065	0,304
CHR3	20670590	CHR3:20670590	SSF x Far_LoA	-10,1773588	-0,007	0,300
CHR3	20670593	CHR3:20670593	SSF x Far_LoA	-11,799919	0,017	0,306
CHR3	2068798	CHR3:2068798	SSF x Far_LoA	-12,0969877	0,051	0,311
CHR3	2068874	CHR3:2068874	SSF x Far_LoA	-5,4835462	-0,120	0,327
CHR3	2068996	CHR3:2068996	SSF x Far_LoA	-8,88820484	0,051	0,312
CHR3	20706542	CHR3:20706542	SSF x Far_LoA	-11,5520032	0,050	0,301
CHR3	20706546	CHR3:20706546	SSF x Far_LoA	-8,92010658	0,074	0,292
CHR3	20714247	CHR3:20714247	SSF x Far_LoA	-10,836024	0,000	0,302

CHR3	20714274	CHR3:20714274	SSF x Far_LoA	-7,22152067	0,181	0,309
CHR3	20719902	CHR3:20719902	SSF x Far_LoA	-10,1434289	0,123	0,304
CHR3	2073467	CHR3:2073467	SSF x Far_LoA	-9,1556066	-0,001	0,310
CHR3	20752524	CHR3:20752524	SSF x Far_LoA	-11,1403016	0,032	0,304
CHR3	20760725	CHR3:20760725	SSF x Far_LoA	-9,20801026	0,087	0,302
CHR3	20773492	CHR3:20773492	SSF x Far_LoA	-8,03192518	0,064	0,316
CHR3	20773542	CHR3:20773542	SSF x Far_LoA	-9,69514159	0,078	0,312
CHR3	20789168	CHR3:20789168	SSF x Far_LoA	-6,1732979	0,087	0,307
CHR3	20812220	CHR3:20812220	SSF x Far_LoA	-9,38938777	0,092	0,304
CHR3	2082249	CHR3:2082249	SSF x Far_LoA	-8,40019797	-0,050	0,311
CHR3	20822741	CHR3:20822741	SSF x Far_LoA	-9,77023035	0,134	0,296
CHR3	2082312	CHR3:2082312	SSF x Far_LoA	-8,21960966	0,124	0,303
CHR3	2082363	CHR3:2082363	SSF x Far_LoA	-9,34774307	-0,088	0,302
CHR3	20843215	CHR3:20843215	SSF x Far_LoA	-11,6462788	-0,006	0,308
CHR3	2084696	CHR3:2084696	SSF x Far_LoA	-9,01866675	0,073	0,313
CHR3	20866233	CHR3:20866233	SSF x Far_LoA	-8,45818595	0,122	0,301
CHR3	20874682	CHR3:20874682	SSF x Far_LoA	-8,76313218	0,064	0,305
CHR3	2087806	CHR3:2087806	SSF x Far_LoA	-10,824808	-0,069	0,315
CHR3	2087874	CHR3:2087874	SSF x Far_LoA	-10,9603512	0,131	0,295
CHR3	2087907	CHR3:2087907	SSF x Far_LoA	-8,6872717	0,098	0,312
CHR3	2087979	CHR3:2087979	SSF x Far_LoA	-8,65566248	-0,121	0,313
CHR3	20931873	CHR3:20931873	SSF x Far_LoA	-6,81615415	0,018	0,314
CHR3	20931929	CHR3:20931929	SSF x Far_LoA	-9,1060737	-0,018	0,319
CHR3	20931975	CHR3:20931975	SSF x Far_LoA	-9,0974409	-0,003	0,320
CHR3	20931983	CHR3:20931983	SSF x Far_LoA	-8,56512917	0,014	0,324
CHR3	20931984	CHR3:20931984	SSF x Far_LoA	-9,10650565	-0,030	0,318
CHR3	20931989	CHR3:20931989	SSF x Far_LoA	-7,37777794	-0,013	0,312
CHR3	20931993	CHR3:20931993	SSF x Far_LoA	-9,13406438	-0,012	0,307
CHR3	20932043	CHR3:20932043	SSF x Far_LoA	-6,11790187	-0,028	0,318
CHR3	20932067	CHR3:20932067	SSF x Far_LoA	-7,54047773	-0,009	0,321
CHR3	2095938	CHR3:2095938	SSF x Far_LoA	-10,4763174	-0,003	0,302
CHR3	2096002	CHR3:2096002	SSF x Far_LoA	-8,49120512	-0,084	0,308
CHR3	2096003	CHR3:2096003	SSF x Far_LoA	-7,61301095	-0,041	0,307
CHR3	2096071	CHR3:2096071	SSF x Far_LoA	-10,9115595	-0,049	0,318
CHR3	209662	CHR3:209662	SSF x Far_LoA	-11,8987544	0,031	0,316
CHR3	20967433	CHR3:20967433	SSF x Far_LoA	-7,74329439	0,030	0,319
CHR3	20967461	CHR3:20967461	SSF x Far_LoA	-8,43620536	-0,001	0,318
CHR3	20967483	CHR3:20967483	SSF x Far_LoA	-8,60457964	-0,024	0,321
CHR3	20967511	CHR3:20967511	SSF x Far_LoA	-8,66273233	-0,010	0,333
CHR3	20967548	CHR3:20967548	SSF x Far_LoA	-9,05615405	0,006	0,317
CHR3	20967728	CHR3:20967728	SSF x Far_LoA	-9,02481946	0,017	0,310
CHR3	20967744	CHR3:20967744	SSF x Far_LoA	-9,15698728	-0,022	0,311
CHR3	20974577	CHR3:20974577	SSF x Far_LoA	-9,96098511	-0,048	0,307
CHR3	21005041	CHR3:21005041	SSF x Far_LoA	-9,54245701	0,021	0,301
CHR3	21005152	CHR3:21005152	SSF x Far_LoA	-8,64137	-0,001	0,315
CHR3	2105364	CHR3:2105364	SSF x Far_LoA	-11,2672366	-0,004	0,296
CHR3	2105483	CHR3:2105483	SSF x Far_LoA	-7,53059834	-0,166	0,289
CHR3	2105500	CHR3:2105500	SSF x Far_LoA	-8,45856589	-0,160	0,301
CHR3	2105619	CHR3:2105619	SSF x Far_LoA	-10,0289049	0,067	0,303
CHR3	2106907	CHR3:2106907	SSF x Far_LoA	-11,9875422	-0,057	0,304
CHR3	21074693	CHR3:21074693	SSF x Far_LoA	-8,01903	0,016	0,314
CHR3	21074709	CHR3:21074709	SSF x Far_LoA	-8,66708903	-0,010	0,307
CHR3	21074784	CHR3:21074784	SSF x Far_LoA	-6,28388391	-0,014	0,323

CHR3	21074816	CHR3:21074816	SSF x Far_LoA	-7,97993435	0,006	0,308
CHR3	21091908	CHR3:21091908	SSF x Far_LoA	-8,88817382	-0,002	0,312
CHR3	21092054	CHR3:21092054	SSF x Far_LoA	-8,96554401	-0,002	0,313
CHR3	21092087	CHR3:21092087	SSF x Far_LoA	-6,8450759	-0,033	0,323
CHR3	21092092	CHR3:21092092	SSF x Far_LoA	-8,13552638	0,022	0,325
CHR3	21092103	CHR3:21092103	SSF x Far_LoA	-8,70193245	-0,015	0,321
CHR3	21092146	CHR3:21092146	SSF x Far_LoA	-9,54216513	-0,010	0,319
CHR3	21092179	CHR3:21092179	SSF x Far_LoA	-8,42136201	-0,001	0,307
CHR3	21149046	CHR3:21149046	SSF x Far_LoA	-9,22580581	0,026	0,309
CHR3	21159661	CHR3:21159661	SSF x Far_LoA	-9,80398198	-0,059	0,324
CHR3	21203766	CHR3:21203766	SSF x Far_LoA	-10,711092	0,011	0,297
CHR3	2123349	CHR3:2123349	SSF x Far_LoA	-9,98171238	-0,064	0,319
CHR3	2123430	CHR3:2123430	SSF x Far_LoA	-6,96543073	0,012	0,314
CHR3	21271395	CHR3:21271395	SSF x Far_LoA	-9,12052775	0,018	0,311
CHR3	21310410	CHR3:21310410	SSF x Far_LoA	-9,24803471	0,073	0,312
CHR3	2132204	CHR3:2132204	SSF x Far_LoA	-8,87486224	-0,007	0,309
CHR3	21375820	CHR3:21375820	SSF x Far_LoA	-8,08233361	0,018	0,311
CHR3	2142954	CHR3:2142954	SSF x Far_LoA	-6,60748926	0,050	0,307
CHR3	21429597	CHR3:21429597	SSF x Far_LoA	-7,64628828	0,086	0,309
CHR3	214731	CHR3:214731	SSF x Far_LoA	-9,43637931	0,003	0,323
CHR3	2147766	CHR3:2147766	SSF x Far_LoA	-8,79274026	-0,124	0,291
CHR3	2147951	CHR3:2147951	SSF x Far_LoA	-7,72458207	-0,079	0,298
CHR3	21501211	CHR3:21501211	SSF x Far_LoA	-11,4825533	-0,042	0,316
CHR3	21501271	CHR3:21501271	SSF x Far_LoA	-11,9544803	-0,064	0,305
CHR3	21510062	CHR3:21510062	SSF x Far_LoA	-9,6360649	-0,007	0,313
CHR3	21510105	CHR3:21510105	SSF x Far_LoA	-11,7280722	0,001	0,305
CHR3	21538701	CHR3:21538701	SSF x Far_LoA	-11,1549461	0,062	0,308
CHR3	21541480	CHR3:21541480	SSF x Far_LoA	-10,3889273	-0,041	0,326
CHR3	21541504	CHR3:21541504	SSF x Far_LoA	-10,108822	-0,021	0,308
CHR3	2154434	CHR3:2154434	SSF x Far_LoA	-9,17617875	0,123	0,308
CHR3	2159869	CHR3:2159869	SSF x Far_LoA	-10,1032417	0,115	0,304
CHR3	2159890	CHR3:2159890	SSF x Far_LoA	-11,2299737	0,020	0,316
CHR3	21607471	CHR3:21607471	SSF x Far_LoA	-11,0788753	-0,048	0,311
CHR3	21607543	CHR3:21607543	SSF x Far_LoA	-11,8461191	-0,034	0,314
CHR3	21622915	CHR3:21622915	SSF x Far_LoA	-9,51298629	-0,113	0,303
CHR3	21629165	CHR3:21629165	SSF x Far_LoA	-9,12901612	-0,041	0,305
CHR3	21629236	CHR3:21629236	SSF x Far_LoA	-9,66298748	-0,002	0,315
CHR3	2165515	CHR3:2165515	SSF x Far_LoA	-3,54345516	0,200	0,291
CHR3	2165557	CHR3:2165557	SSF x Far_LoA	-9,20564491	0,138	0,289
CHR3	2165564	CHR3:2165564	SSF x Far_LoA	-11,6329446	0,148	0,296
CHR3	2165567	CHR3:2165567	SSF x Far_LoA	-8,26515978	0,123	0,295
CHR3	2165596	CHR3:2165596	SSF x Far_LoA	-11,0656163	0,086	0,301
CHR3	2165661	CHR3:2165661	SSF x Far_LoA	-11,134015	-0,100	0,310
CHR3	2165666	CHR3:2165666	SSF x Far_LoA	-11,8234588	0,046	0,312
CHR3	21659534	CHR3:21659534	SSF x Far_LoA	-7,37672638	0,082	0,294
CHR3	21659608	CHR3:21659608	SSF x Far_LoA	-10,4823067	-0,040	0,317
CHR3	21659627	CHR3:21659627	SSF x Far_LoA	-11,4116928	-0,033	0,310
CHR3	21659630	CHR3:21659630	SSF x Far_LoA	-9,55879436	-0,015	0,307
CHR3	21659674	CHR3:21659674	SSF x Far_LoA	-10,8641412	-0,051	0,319
CHR3	21659677	CHR3:21659677	SSF x Far_LoA	-10,1246815	-0,023	0,315
CHR3	21659679	CHR3:21659679	SSF x Far_LoA	-10,296256	-0,042	0,314
CHR3	21659715	CHR3:21659715	SSF x Far_LoA	-10,3228315	0,000	0,316
CHR3	21659720	CHR3:21659720	SSF x Far_LoA	-8,60429263	0,092	0,301

CHR3	21662351	CHR3:21662351	SSF x Far_LoA	-8,43495731	0,127	0,303
CHR3	2167251	CHR3:2167251	SSF x Far_LoA	-10,712388	0,047	0,306
CHR3	2167256	CHR3:2167256	SSF x Far_LoA	-6,85018733	-0,151	0,311
CHR3	2167373	CHR3:2167373	SSF x Far_LoA	-11,5140867	-0,008	0,314
CHR3	2167441	CHR3:2167441	SSF x Far_LoA	-9,0410001	0,074	0,310
CHR3	2167453	CHR3:2167453	SSF x Far_LoA	-6,66673918	0,136	0,317
CHR3	21712706	CHR3:21712706	SSF x Far_LoA	-10,1922538	0,001	0,313
CHR3	21763098	CHR3:21763098	SSF x Far_LoA	-9,91687007	0,012	0,293
CHR3	21768041	CHR3:21768041	SSF x Far_LoA	-8,84005369	0,058	0,300
CHR3	21768113	CHR3:21768113	SSF x Far_LoA	-6,73248616	0,136	0,315
CHR3	21768131	CHR3:21768131	SSF x Far_LoA	-7,719461	0,110	0,313
CHR3	21768169	CHR3:21768169	SSF x Far_LoA	-7,10236319	0,087	0,302
CHR3	2180092	CHR3:2180092	SSF x Far_LoA	-11,6570658	0,064	0,304
CHR3	2180108	CHR3:2180108	SSF x Far_LoA	-9,89814979	0,034	0,302
CHR3	2180338	CHR3:2180338	SSF x Far_LoA	-8,0328487	-0,038	0,319
CHR3	2181797	CHR3:2181797	SSF x Far_LoA	-9,93551235	0,056	0,308
CHR3	2183037	CHR3:2183037	SSF x Far_LoA	-3,87488213	-0,109	0,305
CHR3	2183068	CHR3:2183068	SSF x Far_LoA	-8,66700902	0,003	0,315
CHR3	2183102	CHR3:2183102	SSF x Far_LoA	-7,02404076	-0,089	0,299
CHR3	2183119	CHR3:2183119	SSF x Far_LoA	-10,9352786	-0,011	0,309
CHR3	2185788	CHR3:2185788	SSF x Far_LoA	-10,0338814	0,113	0,302
CHR3	2185791	CHR3:2185791	SSF x Far_LoA	-11,0860348	0,063	0,311
CHR3	2185838	CHR3:2185838	SSF x Far_LoA	-10,3321702	0,153	0,295
CHR3	2185903	CHR3:2185903	SSF x Far_LoA	-10,1723361	-0,024	0,297
CHR3	21863893	CHR3:21863893	SSF x Far_LoA	-7,91585211	-0,152	0,303
CHR3	21869445	CHR3:21869445	SSF x Far_LoA	-8,64789862	-0,085	0,290
CHR3	21892279	CHR3:21892279	SSF x Far_LoA	-10,3411287	-0,014	0,309
CHR3	21892428	CHR3:21892428	SSF x Far_LoA	-8,59778503	-0,014	0,309
CHR3	21902354	CHR3:21902354	SSF x Far_LoA	-9,21453824	-0,044	0,319
CHR3	21909189	CHR3:21909189	SSF x Far_LoA	-10,6463697	-0,040	0,316
CHR3	21911948	CHR3:21911948	SSF x Far_LoA	-4,03440146	0,193	0,297
CHR3	21923312	CHR3:21923312	SSF x Far_LoA	-9,23356293	0,039	0,312
CHR3	21932316	CHR3:21932316	SSF x Far_LoA	-10,1226208	0,064	0,294
CHR3	21932340	CHR3:21932340	SSF x Far_LoA	-11,3483928	-0,036	0,304
CHR3	21932483	CHR3:21932483	SSF x Far_LoA	-10,2812961	-0,119	0,297
CHR3	21939562	CHR3:21939562	SSF x Far_LoA	-11,1631471	-0,038	0,301
CHR3	21939631	CHR3:21939631	SSF x Far_LoA	-4,02656912	-0,162	0,308
CHR3	21939694	CHR3:21939694	SSF x Far_LoA	-7,8430096	-0,153	0,301
CHR3	21943398	CHR3:21943398	SSF x Far_LoA	-11,305822	-0,063	0,294
CHR3	21943476	CHR3:21943476	SSF x Far_LoA	-9,23249783	0,127	0,299
CHR3	2194585	CHR3:2194585	SSF x Far_LoA	-7,91609087	0,091	0,305
CHR3	2194652	CHR3:2194652	SSF x Far_LoA	-7,85811749	-0,024	0,303
CHR3	21949341	CHR3:21949341	SSF x Far_LoA	-6,48099569	-0,091	0,317
CHR3	21949454	CHR3:21949454	SSF x Far_LoA	-7,28911169	-0,063	0,302
CHR3	21949561	CHR3:21949561	SSF x Far_LoA	-9,10106004	0,065	0,301
CHR3	21956614	CHR3:21956614	SSF x Far_LoA	-7,47786414	-0,024	0,313
CHR3	21956618	CHR3:21956618	SSF x Far_LoA	-8,52996281	-0,040	0,314
CHR3	21956641	CHR3:21956641	SSF x Far_LoA	-7,67891787	-0,045	0,312
CHR3	21956678	CHR3:21956678	SSF x Far_LoA	-11,4780958	0,091	0,302
CHR3	21956680	CHR3:21956680	SSF x Far_LoA	-9,17229649	-0,020	0,308
CHR3	21956815	CHR3:21956815	SSF x Far_LoA	-9,02621467	-0,046	0,309
CHR3	21958185	CHR3:21958185	SSF x Far_LoA	-11,1056466	0,033	0,306
CHR3	21958222	CHR3:21958222	SSF x Far_LoA	-12,3482478	-0,018	0,304

CHR3	21958230	CHR3:21958230	SSF x Far_LoA	-11,4107075	-0,012	0,284
CHR3	21958253	CHR3:21958253	SSF x Far_LoA	-10,8446755	-0,005	0,294
CHR3	21958270	CHR3:21958270	SSF x Far_LoA	-9,54089836	-0,011	0,312
CHR3	21980535	CHR3:21980535	SSF x Far_LoA	-9,1351746	0,026	0,305
CHR3	21980624	CHR3:21980624	SSF x Far_LoA	-6,73946368	0,073	0,323
CHR3	21980673	CHR3:21980673	SSF x Far_LoA	-10,5313428	-0,024	0,292
CHR3	21980687	CHR3:21980687	SSF x Far_LoA	-8,52105547	0,067	0,318
CHR3	22001863	CHR3:22001863	SSF x Far_LoA	-9,42304893	-0,145	0,291
CHR3	2201902	CHR3:2201902	SSF x Far_LoA	-11,511672	-0,030	0,308
CHR3	2201909	CHR3:2201909	SSF x Far_LoA	-10,2040193	0,067	0,299
CHR3	2202060	CHR3:2202060	SSF x Far_LoA	-10,6590226	-0,048	0,306
CHR3	2202063	CHR3:2202063	SSF x Far_LoA	-9,16272237	-0,105	0,299
CHR3	22028972	CHR3:22028972	SSF x Far_LoA	-8,31123923	0,184	0,289
CHR3	22029001	CHR3:22029001	SSF x Far_LoA	-6,11876517	0,214	0,276
CHR3	22032331	CHR3:22032331	SSF x Far_LoA	-10,1249583	0,026	0,286
CHR3	22041827	CHR3:22041827	SSF x Far_LoA	-8,73861731	-0,012	0,330
CHR3	22041860	CHR3:22041860	SSF x Far_LoA	-6,4779151	0,083	0,315
CHR3	22041942	CHR3:22041942	SSF x Far_LoA	-5,62608745	-0,068	0,295
CHR3	22042289	CHR3:22042289	SSF x Far_LoA	-9,10674984	-0,091	0,296
CHR3	22042292	CHR3:22042292	SSF x Far_LoA	-10,6394888	-0,065	0,310
CHR3	2204534	CHR3:2204534	SSF x Far_LoA	-9,76242067	0,018	0,306
CHR3	2204542	CHR3:2204542	SSF x Far_LoA	-7,71353013	-0,005	0,313
CHR3	2207574	CHR3:2207574	SSF x Far_LoA	-10,0775797	0,096	0,296
CHR3	22078004	CHR3:22078004	SSF x Far_LoA	-5,66594395	-0,162	0,294
CHR3	22078044	CHR3:22078044	SSF x Far_LoA	-8,08287934	-0,164	0,298
CHR3	22078081	CHR3:22078081	SSF x Far_LoA	-7,61661724	-0,163	0,306
CHR3	22078099	CHR3:22078099	SSF x Far_LoA	-8,35162547	-0,123	0,298
CHR3	22078102	CHR3:22078102	SSF x Far_LoA	-6,99149415	-0,148	0,313
CHR3	2208045	CHR3:2208045	SSF x Far_LoA	-9,07442094	-0,046	0,298
CHR3	2208074	CHR3:2208074	SSF x Far_LoA	-9,52352924	-0,046	0,302
CHR3	2208077	CHR3:2208077	SSF x Far_LoA	-8,07693262	-0,080	0,314
CHR3	22084102	CHR3:22084102	SSF x Far_LoA	-9,08754948	-0,123	0,315
CHR3	22084114	CHR3:22084114	SSF x Far_LoA	-10,3946058	0,029	0,308
CHR3	22084280	CHR3:22084280	SSF x Far_LoA	-9,89726877	0,056	0,311
CHR3	22098736	CHR3:22098736	SSF x Far_LoA	-11,2935255	0,034	0,313
CHR3	22098756	CHR3:22098756	SSF x Far_LoA	-7,63547908	-0,109	0,289
CHR3	22098826	CHR3:22098826	SSF x Far_LoA	-5,6674682	-0,056	0,313
CHR3	22104414	CHR3:22104414	SSF x Far_LoA	-10,2246216	-0,022	0,301
CHR3	22104428	CHR3:22104428	SSF x Far_LoA	-8,86752828	-0,038	0,302
CHR3	22104510	CHR3:22104510	SSF x Far_LoA	-9,9696522	0,020	0,306
CHR3	22104599	CHR3:22104599	SSF x Far_LoA	-9,63754976	0,002	0,311
CHR3	22110247	CHR3:22110247	SSF x Far_LoA	-10,6788206	0,005	0,297
CHR3	22110278	CHR3:22110278	SSF x Far_LoA	-4,14326769	0,108	0,312
CHR3	22111975	CHR3:22111975	SSF x Far_LoA	-10,4806877	-0,064	0,321
CHR3	22112014	CHR3:22112014	SSF x Far_LoA	-10,2917682	-0,111	0,304
CHR3	22151953	CHR3:22151953	SSF x Far_LoA	-9,15871143	0,036	0,310
CHR3	22152017	CHR3:22152017	SSF x Far_LoA	-11,1500876	0,011	0,304
CHR3	22152052	CHR3:22152052	SSF x Far_LoA	-8,69542461	0,025	0,313
CHR3	22152060	CHR3:22152060	SSF x Far_LoA	-1,5294806	0,045	0,308
CHR3	22152191	CHR3:22152191	SSF x Far_LoA	-11,3921492	-0,075	0,308
CHR3	2215244	CHR3:2215244	SSF x Far_LoA	-9,61966861	-0,071	0,302
CHR3	2215374	CHR3:2215374	SSF x Far_LoA	-7,0364698	0,152	0,302
CHR3	2215451	CHR3:2215451	SSF x Far_LoA	-10,6654255	0,074	0,288

CHR3	2215454	CHR3:2215454	SSF x Far_LoA	-7,6407587	0,121	0,318
CHR3	22164420	CHR3:22164420	SSF x Far_LoA	-9,67219978	0,144	0,305
CHR3	22165867	CHR3:22165867	SSF x Far_LoA	-8,94126919	0,121	0,298
CHR3	22165905	CHR3:22165905	SSF x Far_LoA	-3,70421185	-0,002	0,306
CHR3	22172119	CHR3:22172119	SSF x Far_LoA	-8,71903051	-0,016	0,299
CHR3	22191015	CHR3:22191015	SSF x Far_LoA	-8,85655916	-0,099	0,315
CHR3	22191050	CHR3:22191050	SSF x Far_LoA	-10,3209138	-0,131	0,281
CHR3	22193047	CHR3:22193047	SSF x Far_LoA	-8,52645917	-0,003	0,302
CHR3	22193050	CHR3:22193050	SSF x Far_LoA	-8,51719304	-0,005	0,303
CHR3	22195470	CHR3:22195470	SSF x Far_LoA	-7,88776195	-0,050	0,310
CHR3	22200713	CHR3:22200713	SSF x Far_LoA	-8,31856752	0,137	0,297
CHR3	22200752	CHR3:22200752	SSF x Far_LoA	-5,91813722	0,181	0,280
CHR3	22214422	CHR3:22214422	SSF x Far_LoA	-7,19663575	-0,128	0,306
CHR3	22214431	CHR3:22214431	SSF x Far_LoA	-8,8693459	-0,136	0,316
CHR3	22214599	CHR3:22214599	SSF x Far_LoA	-10,4415117	0,105	0,311
CHR3	22214626	CHR3:22214626	SSF x Far_LoA	-9,08227352	0,065	0,308
CHR3	22232521	CHR3:22232521	SSF x Far_LoA	-7,58577669	0,029	0,299
CHR3	22232522	CHR3:22232522	SSF x Far_LoA	-8,78387455	0,041	0,317
CHR3	22232564	CHR3:22232564	SSF x Far_LoA	-8,36473634	0,002	0,302
CHR3	22232596	CHR3:22232596	SSF x Far_LoA	-9,26142995	-0,037	0,302
CHR3	22232635	CHR3:22232635	SSF x Far_LoA	-8,87610736	-0,089	0,309
CHR3	22232639	CHR3:22232639	SSF x Far_LoA	-8,9954621	-0,120	0,310
CHR3	22233828	CHR3:22233828	SSF x Far_LoA	-9,80383269	-0,034	0,293
CHR3	22233835	CHR3:22233835	SSF x Far_LoA	-9,16811181	-0,022	0,297
CHR3	22240390	CHR3:22240390	SSF x Far_LoA	-10,6613573	-0,092	0,301
CHR3	22240426	CHR3:22240426	SSF x Far_LoA	-8,50839028	-0,123	0,309
CHR3	22240427	CHR3:22240427	SSF x Far_LoA	-8,09363863	-0,090	0,313
CHR3	22240434	CHR3:22240434	SSF x Far_LoA	-7,40942532	-0,039	0,311
CHR3	22240489	CHR3:22240489	SSF x Far_LoA	-7,85052557	-0,086	0,322
CHR3	22240527	CHR3:22240527	SSF x Far_LoA	-10,7294985	-0,127	0,306
CHR3	22240539	CHR3:22240539	SSF x Far_LoA	-8,94337167	0,148	0,309
CHR3	22240580	CHR3:22240580	SSF x Far_LoA	-7,81043099	0,100	0,313
CHR3	22240581	CHR3:22240581	SSF x Far_LoA	-9,21628799	0,019	0,308
CHR3	22250499	CHR3:22250499	SSF x Far_LoA	-10,3271191	0,008	0,311
CHR3	22250728	CHR3:22250728	SSF x Far_LoA	-10,805265	0,029	0,306
CHR3	22253648	CHR3:22253648	SSF x Far_LoA	-7,99231938	-0,091	0,293
CHR3	22253832	CHR3:22253832	SSF x Far_LoA	-8,53627412	-0,005	0,310
CHR3	22253885	CHR3:22253885	SSF x Far_LoA	-10,9966627	-0,008	0,301
CHR3	22258601	CHR3:22258601	SSF x Far_LoA	-10,3796862	-0,127	0,301
CHR3	22258632	CHR3:22258632	SSF x Far_LoA	-11,4428851	0,002	0,297
CHR3	22258652	CHR3:22258652	SSF x Far_LoA	-10,0286162	-0,019	0,327
CHR3	22262867	CHR3:22262867	SSF x Far_LoA	-7,80374707	-0,045	0,315
CHR3	22270511	CHR3:22270511	SSF x Far_LoA	-9,2876562	-0,054	0,305
CHR3	22279481	CHR3:22279481	SSF x Far_LoA	-11,0686492	-0,018	0,298
CHR3	22279572	CHR3:22279572	SSF x Far_LoA	-11,7834371	-0,051	0,310
CHR3	22279651	CHR3:22279651	SSF x Far_LoA	-9,39784834	0,093	0,310
CHR3	22279662	CHR3:22279662	SSF x Far_LoA	-9,60906002	-0,028	0,303
CHR3	22284597	CHR3:22284597	SSF x Far_LoA	-9,81468154	0,102	0,305
CHR3	22289483	CHR3:22289483	SSF x Far_LoA	-11,7663777	-0,022	0,300
CHR3	22289556	CHR3:22289556	SSF x Far_LoA	-9,22815744	0,044	0,294
CHR3	22289559	CHR3:22289559	SSF x Far_LoA	-10,4688803	-0,049	0,312
CHR3	22302150	CHR3:22302150	SSF x Far_LoA	-7,66737678	-0,078	0,299
CHR3	22302155	CHR3:22302155	SSF x Far_LoA	-8,49998772	-0,061	0,311

CHR3	22302167	CHR3:22302167	SSF x Far_LoA	-7,66192746	-0,113	0,297
CHR3	22302184	CHR3:22302184	SSF x Far_LoA	-9,35394429	0,111	0,297
CHR3	22302185	CHR3:22302185	SSF x Far_LoA	-9,39146853	0,083	0,300
CHR3	22302219	CHR3:22302219	SSF x Far_LoA	-9,23202164	0,101	0,312
CHR3	22324110	CHR3:22324110	SSF x Far_LoA	-8,42706894	-0,037	0,316
CHR3	22324244	CHR3:22324244	SSF x Far_LoA	-2,06734156	-0,131	0,309
CHR3	22327020	CHR3:22327020	SSF x Far_LoA	-9,21542991	-0,014	0,306
CHR3	22327038	CHR3:22327038	SSF x Far_LoA	-8,94433353	0,093	0,303
CHR3	22327083	CHR3:22327083	SSF x Far_LoA	-5,37854554	-0,174	0,301
CHR3	22327093	CHR3:22327093	SSF x Far_LoA	-9,10475035	-0,033	0,302
CHR3	22327111	CHR3:22327111	SSF x Far_LoA	-10,3890525	0,077	0,309
CHR3	22327113	CHR3:22327113	SSF x Far_LoA	-9,73760504	0,097	0,298
CHR3	22327134	CHR3:22327134	SSF x Far_LoA	-7,88054895	-0,111	0,316
CHR3	22327196	CHR3:22327196	SSF x Far_LoA	-7,13560329	0,092	0,296
CHR3	22327255	CHR3:22327255	SSF x Far_LoA	-10,8401746	0,119	0,300
CHR3	22333587	CHR3:22333587	SSF x Far_LoA	-9,74119897	0,097	0,311
CHR3	22335574	CHR3:22335574	SSF x Far_LoA	-11,1633271	0,001	0,316
CHR3	22337429	CHR3:22337429	SSF x Far_LoA	-11,2844899	-0,106	0,308
CHR3	22339653	CHR3:22339653	SSF x Far_LoA	-11,7440703	0,047	0,306
CHR3	22339684	CHR3:22339684	SSF x Far_LoA	-9,89373896	-0,076	0,326
CHR3	22342455	CHR3:22342455	SSF x Far_LoA	-8,89522463	-0,155	0,306
CHR3	22342527	CHR3:22342527	SSF x Far_LoA	-5,96743532	0,193	0,287
CHR3	22343503	CHR3:22343503	SSF x Far_LoA	-6,57261198	-0,074	0,317
CHR3	22343702	CHR3:22343702	SSF x Far_LoA	-8,96504763	0,164	0,302
CHR3	22343751	CHR3:22343751	SSF x Far_LoA	-11,697426	0,014	0,305
CHR3	22364426	CHR3:22364426	SSF x Far_LoA	-10,2440675	0,140	0,292
CHR3	22385067	CHR3:22385067	SSF x Far_LoA	-8,11202417	-0,102	0,295
CHR3	22385147	CHR3:22385147	SSF x Far_LoA	-10,5344685	0,043	0,308
CHR3	22385161	CHR3:22385161	SSF x Far_LoA	-10,636821	0,020	0,329
CHR3	22388801	CHR3:22388801	SSF x Far_LoA	-9,65229814	0,005	0,291
CHR3	22389294	CHR3:22389294	SSF x Far_LoA	-9,72673213	-0,021	0,279
CHR3	22389314	CHR3:22389314	SSF x Far_LoA	-8,65595403	0,087	0,307
CHR3	22389383	CHR3:22389383	SSF x Far_LoA	-9,196038	0,013	0,319
CHR3	22389392	CHR3:22389392	SSF x Far_LoA	-11,7844878	0,049	0,323
CHR3	22399086	CHR3:22399086	SSF x Far_LoA	-6,53800314	-0,065	0,306
CHR3	22399286	CHR3:22399286	SSF x Far_LoA	-10,020195	-0,075	0,309
CHR3	22404192	CHR3:22404192	SSF x Far_LoA	-11,5156011	-0,008	0,304
CHR3	22404257	CHR3:22404257	SSF x Far_LoA	-9,44542213	-0,090	0,316
CHR3	22406951	CHR3:22406951	SSF x Far_LoA	-7,37279912	-0,032	0,306
CHR3	22407266	CHR3:22407266	SSF x Far_LoA	-12,2732625	0,013	0,308
CHR3	22407331	CHR3:22407331	SSF x Far_LoA	-7,55162908	0,037	0,308
CHR3	22407345	CHR3:22407345	SSF x Far_LoA	-9,172441	0,047	0,299
CHR3	22407382	CHR3:22407382	SSF x Far_LoA	-8,73722754	0,071	0,301
CHR3	22412121	CHR3:22412121	SSF x Far_LoA	-8,35310888	0,058	0,302
CHR3	22412136	CHR3:22412136	SSF x Far_LoA	-9,80051952	0,029	0,306
CHR3	22412145	CHR3:22412145	SSF x Far_LoA	-9,09484457	-0,093	0,310
CHR3	22412146	CHR3:22412146	SSF x Far_LoA	-5,63418699	0,042	0,316
CHR3	22412175	CHR3:22412175	SSF x Far_LoA	-9,3360372	-0,071	0,313
CHR3	22412177	CHR3:22412177	SSF x Far_LoA	-7,40325669	0,035	0,299
CHR3	22412273	CHR3:22412273	SSF x Far_LoA	-8,50307542	0,157	0,286
CHR3	224191	CHR3:224191	SSF x Far_LoA	-10,5271752	-0,025	0,307
CHR3	224196	CHR3:224196	SSF x Far_LoA	-8,65867922	0,108	0,316
CHR3	22420268	CHR3:22420268	SSF x Far_LoA	-7,10309142	-0,041	0,299

CHR3	22420350	CHR3:22420350	SSF x Far_LoA	-9,3928214	-0,021	0,308
CHR3	22420382	CHR3:22420382	SSF x Far_LoA	-9,31597782	0,074	0,298
CHR3	22420407	CHR3:22420407	SSF x Far_LoA	-5,46294755	0,028	0,299
CHR3	22422384	CHR3:22422384	SSF x Far_LoA	-8,84490811	-0,001	0,314
CHR3	22422782	CHR3:22422782	SSF x Far_LoA	-7,60445585	-0,058	0,306
CHR3	2242613	CHR3:2242613	SSF x Far_LoA	-7,66090375	0,108	0,301
CHR3	22428397	CHR3:22428397	SSF x Far_LoA	-10,3126842	-0,112	0,305
CHR3	22428505	CHR3:22428505	SSF x Far_LoA	-10,9280155	-0,053	0,306
CHR3	22431704	CHR3:22431704	SSF x Far_LoA	-10,5773749	-0,027	0,302
CHR3	22431764	CHR3:22431764	SSF x Far_LoA	-12,247128	0,010	0,295
CHR3	22431814	CHR3:22431814	SSF x Far_LoA	-8,99528622	0,029	0,299
CHR3	22435913	CHR3:22435913	SSF x Far_LoA	-10,5426033	0,035	0,300
CHR3	22436122	CHR3:22436122	SSF x Far_LoA	-9,8071187	0,166	0,298
CHR3	22444707	CHR3:22444707	SSF x Far_LoA	-9,98569105	0,083	0,307
CHR3	22444821	CHR3:22444821	SSF x Far_LoA	-8,10142762	-0,040	0,301
CHR3	224488	CHR3:224488	SSF x Far_LoA	-9,30892196	-0,076	0,294
CHR3	22456070	CHR3:22456070	SSF x Far_LoA	-9,84542701	-0,023	0,318
CHR3	22456104	CHR3:22456104	SSF x Far_LoA	-7,51749349	0,051	0,312
CHR3	22456116	CHR3:22456116	SSF x Far_LoA	-8,5503259	-0,073	0,314
CHR3	22456156	CHR3:22456156	SSF x Far_LoA	-9,23981373	-0,023	0,301
CHR3	22456178	CHR3:22456178	SSF x Far_LoA	-9,54990902	-0,007	0,301
CHR3	22457877	CHR3:22457877	SSF x Far_LoA	-10,0342069	0,020	0,314
CHR3	22457935	CHR3:22457935	SSF x Far_LoA	-7,62681178	0,106	0,300
CHR3	22457968	CHR3:22457968	SSF x Far_LoA	-7,5988497	0,064	0,316
CHR3	22462073	CHR3:22462073	SSF x Far_LoA	-8,82240499	0,157	0,302
CHR3	22485343	CHR3:22485343	SSF x Far_LoA	-8,68108735	-0,001	0,315
CHR3	22485371	CHR3:22485371	SSF x Far_LoA	-9,16449971	-0,126	0,306
CHR3	22485453	CHR3:22485453	SSF x Far_LoA	-10,4743685	0,041	0,299
CHR3	22485474	CHR3:22485474	SSF x Far_LoA	-6,35695332	-0,008	0,313
CHR3	22485486	CHR3:22485486	SSF x Far_LoA	-8,39480034	-0,031	0,313
CHR3	22485501	CHR3:22485501	SSF x Far_LoA	-8,56569871	-0,048	0,305
CHR3	22498122	CHR3:22498122	SSF x Far_LoA	-8,70876087	-0,103	0,315
CHR3	22516172	CHR3:22516172	SSF x Far_LoA	-7,55486532	0,130	0,301
CHR3	22529006	CHR3:22529006	SSF x Far_LoA	-8,15120825	-0,171	0,300
CHR3	22529035	CHR3:22529035	SSF x Far_LoA	-11,2813087	-0,013	0,308
CHR3	22529061	CHR3:22529061	SSF x Far_LoA	-8,89142183	-0,002	0,308
CHR3	22529149	CHR3:22529149	SSF x Far_LoA	-8,60345217	0,034	0,311
CHR3	22529150	CHR3:22529150	SSF x Far_LoA	-8,64488363	0,021	0,309
CHR3	22529154	CHR3:22529154	SSF x Far_LoA	-9,43592752	0,049	0,307
CHR3	22537180	CHR3:22537180	SSF x Far_LoA	-7,0963965	0,148	0,293
CHR3	22539453	CHR3:22539453	SSF x Far_LoA	-9,42609656	-0,044	0,304
CHR3	22539465	CHR3:22539465	SSF x Far_LoA	-11,463706	-0,002	0,300
CHR3	22539478	CHR3:22539478	SSF x Far_LoA	-9,77951125	-0,017	0,297
CHR3	22539513	CHR3:22539513	SSF x Far_LoA	-10,4138904	-0,023	0,294
CHR3	22539534	CHR3:22539534	SSF x Far_LoA	-8,81274893	0,041	0,312
CHR3	22539589	CHR3:22539589	SSF x Far_LoA	-9,64918896	-0,066	0,304
CHR3	22539667	CHR3:22539667	SSF x Far_LoA	-9,53020906	-0,061	0,311
CHR3	22539682	CHR3:22539682	SSF x Far_LoA	-10,1685127	0,058	0,292
CHR3	22545175	CHR3:22545175	SSF x Far_LoA	-11,3436504	-0,017	0,294
CHR3	22545187	CHR3:22545187	SSF x Far_LoA	-7,36721108	0,050	0,314
CHR3	2255619	CHR3:2255619	SSF x Far_LoA	-10,0035262	0,013	0,318
CHR3	22569110	CHR3:22569110	SSF x Far_LoA	-9,29529733	0,067	0,303
CHR3	22569211	CHR3:22569211	SSF x Far_LoA	-8,97990989	-0,091	0,317

CHR3	22569240	CHR3:22569240	SSF x Far_LoA	-11,2456648	-0,069	0,306
CHR3	22569317	CHR3:22569317	SSF x Far_LoA	-6,89435996	-0,019	0,316
CHR3	22569320	CHR3:22569320	SSF x Far_LoA	-8,55839445	-0,081	0,315
CHR3	225821	CHR3:225821	SSF x Far_LoA	-10,5635784	0,016	0,320
CHR3	22593121	CHR3:22593121	SSF x Far_LoA	-8,40944837	-0,092	0,300
CHR3	22593325	CHR3:22593325	SSF x Far_LoA	-8,46442857	0,038	0,315
CHR3	22597358	CHR3:22597358	SSF x Far_LoA	-6,22342131	-0,211	0,298
CHR3	22597373	CHR3:22597373	SSF x Far_LoA	-7,89232712	0,127	0,310
CHR3	22597419	CHR3:22597419	SSF x Far_LoA	-10,3468392	0,026	0,306
CHR3	22597489	CHR3:22597489	SSF x Far_LoA	-10,5351338	0,010	0,310
CHR3	22604852	CHR3:22604852	SSF x Far_LoA	-10,6894612	0,076	0,306
CHR3	22604926	CHR3:22604926	SSF x Far_LoA	-8,98685051	-0,074	0,311
CHR3	22631334	CHR3:22631334	SSF x Far_LoA	-9,86978439	0,055	0,311
CHR3	22631352	CHR3:22631352	SSF x Far_LoA	-10,9919063	0,010	0,305
CHR3	22638995	CHR3:22638995	SSF x Far_LoA	-8,90640363	0,011	0,297
CHR3	22639082	CHR3:22639082	SSF x Far_LoA	-10,7402444	0,086	0,310
CHR3	22641459	CHR3:22641459	SSF x Far_LoA	-8,76902642	0,000	0,319
CHR3	22641622	CHR3:22641622	SSF x Far_LoA	-8,23588643	0,012	0,304
CHR3	22641625	CHR3:22641625	SSF x Far_LoA	-7,80583379	0,020	0,318
CHR3	22642709	CHR3:22642709	SSF x Far_LoA	-11,2751207	-0,045	0,303
CHR3	22642734	CHR3:22642734	SSF x Far_LoA	-4,10627666	-0,109	0,298
CHR3	22642755	CHR3:22642755	SSF x Far_LoA	-9,32325412	0,044	0,309
CHR3	22642775	CHR3:22642775	SSF x Far_LoA	-9,10012694	-0,003	0,310
CHR3	22642816	CHR3:22642816	SSF x Far_LoA	-9,62501868	0,001	0,316
CHR3	22642817	CHR3:22642817	SSF x Far_LoA	-9,43552943	0,085	0,305
CHR3	2265045	CHR3:2265045	SSF x Far_LoA	-10,4649962	-0,067	0,289
CHR3	2265046	CHR3:2265046	SSF x Far_LoA	-9,70680206	-0,049	0,316
CHR3	22651813	CHR3:22651813	SSF x Far_LoA	-8,40326065	0,091	0,315
CHR3	22651894	CHR3:22651894	SSF x Far_LoA	-9,38797717	0,028	0,309
CHR3	22651962	CHR3:22651962	SSF x Far_LoA	-9,42810943	-0,024	0,308
CHR3	22652026	CHR3:22652026	SSF x Far_LoA	-9,03248317	-0,042	0,311
CHR3	22662357	CHR3:22662357	SSF x Far_LoA	-8,03732378	0,126	0,301
CHR3	22671430	CHR3:22671430	SSF x Far_LoA	-8,90622431	-0,084	0,308
CHR3	2267325	CHR3:2267325	SSF x Far_LoA	-9,65689797	-0,031	0,291
CHR3	22678811	CHR3:22678811	SSF x Far_LoA	-7,51401557	-0,123	0,305
CHR3	22686266	CHR3:22686266	SSF x Far_LoA	-8,58250046	0,038	0,302
CHR3	22686450	CHR3:22686450	SSF x Far_LoA	-10,152538	-0,104	0,308
CHR3	22688415	CHR3:22688415	SSF x Far_LoA	-8,96831037	-0,097	0,304
CHR3	22688439	CHR3:22688439	SSF x Far_LoA	-8,37925769	-0,078	0,307
CHR3	22692293	CHR3:22692293	SSF x Far_LoA	-8,49703789	-0,091	0,305
CHR3	22697469	CHR3:22697469	SSF x Far_LoA	-5,60670233	-0,184	0,298
CHR3	22697498	CHR3:22697498	SSF x Far_LoA	-9,63171755	-0,056	0,283
CHR3	22701371	CHR3:22701371	SSF x Far_LoA	-9,86078997	-0,041	0,311
CHR3	22701372	CHR3:22701372	SSF x Far_LoA	-9,27555474	0,007	0,319
CHR3	22701415	CHR3:22701415	SSF x Far_LoA	-9,30353445	-0,051	0,310
CHR3	22741530	CHR3:22741530	SSF x Far_LoA	-9,7538273	-0,093	0,298
CHR3	22742619	CHR3:22742619	SSF x Far_LoA	-9,5110451	0,045	0,305
CHR3	22749143	CHR3:22749143	SSF x Far_LoA	-4,55373854	-0,022	0,320
CHR3	22773270	CHR3:22773270	SSF x Far_LoA	-8,59428329	0,049	0,305
CHR3	22773320	CHR3:22773320	SSF x Far_LoA	-9,61642343	0,019	0,290
CHR3	22773461	CHR3:22773461	SSF x Far_LoA	-11,685215	0,025	0,297
CHR3	22773513	CHR3:22773513	SSF x Far_LoA	-9,59483622	-0,038	0,304
CHR3	22773531	CHR3:22773531	SSF x Far_LoA	-11,6071986	-0,046	0,302

CHR3	22773534	CHR3:22773534	SSF x Far_LoA	-9,5547009	-0,047	0,303
CHR3	22773535	CHR3:22773535	SSF x Far_LoA	-9,22059401	-0,037	0,306
CHR3	22777755	CHR3:22777755	SSF x Far_LoA	-9,49806869	0,027	0,312
CHR3	22777815	CHR3:22777815	SSF x Far_LoA	-7,27079818	0,087	0,309
CHR3	22786667	CHR3:22786667	SSF x Far_LoA	-9,84805589	-0,085	0,299
CHR3	22786736	CHR3:22786736	SSF x Far_LoA	-8,39798403	-0,007	0,300
CHR3	22787709	CHR3:22787709	SSF x Far_LoA	-7,6880742	0,093	0,312
CHR3	22787715	CHR3:22787715	SSF x Far_LoA	-11,2109422	0,019	0,293
CHR3	22787736	CHR3:22787736	SSF x Far_LoA	-12,1296697	0,025	0,302
CHR3	22796146	CHR3:22796146	SSF x Far_LoA	-12,1876579	0,072	0,297
CHR3	22796316	CHR3:22796316	SSF x Far_LoA	-11,6287965	0,002	0,314
CHR3	22798267	CHR3:22798267	SSF x Far_LoA	-10,6436909	-0,022	0,307
CHR3	2280931	CHR3:2280931	SSF x Far_LoA	-7,32403659	0,037	0,317
CHR3	2280960	CHR3:2280960	SSF x Far_LoA	-5,89013841	-0,192	0,296
CHR3	2281031	CHR3:2281031	SSF x Far_LoA	-8,8097942	0,028	0,310
CHR3	2281037	CHR3:2281037	SSF x Far_LoA	-8,82245754	0,189	0,297
CHR3	2281090	CHR3:2281090	SSF x Far_LoA	-8,39997471	-0,119	0,301
CHR3	2281111	CHR3:2281111	SSF x Far_LoA	-7,40711087	-0,126	0,306
CHR3	2281150	CHR3:2281150	SSF x Far_LoA	-8,22074111	-0,094	0,313
CHR3	2281162	CHR3:2281162	SSF x Far_LoA	-11,1657004	-0,063	0,304
CHR3	2281200	CHR3:2281200	SSF x Far_LoA	-10,2727649	0,067	0,310
CHR3	22812796	CHR3:22812796	SSF x Far_LoA	-6,64243037	0,080	0,326
CHR3	22818035	CHR3:22818035	SSF x Far_LoA	-8,73433395	-0,068	0,314
CHR3	22818079	CHR3:22818079	SSF x Far_LoA	-10,5101016	-0,038	0,308
CHR3	22818113	CHR3:22818113	SSF x Far_LoA	-8,71496488	-0,122	0,308
CHR3	22819288	CHR3:22819288	SSF x Far_LoA	-10,0787695	-0,117	0,302
CHR3	22819353	CHR3:22819353	SSF x Far_LoA	-10,6910566	-0,062	0,301
CHR3	22825684	CHR3:22825684	SSF x Far_LoA	-10,2531626	0,028	0,286
CHR3	22825695	CHR3:22825695	SSF x Far_LoA	-9,6664077	0,064	0,298
CHR3	22835773	CHR3:22835773	SSF x Far_LoA	-10,2636127	-0,069	0,305
CHR3	22835915	CHR3:22835915	SSF x Far_LoA	-11,1152043	0,011	0,309
CHR3	22838731	CHR3:22838731	SSF x Far_LoA	-10,1805965	0,104	0,301
CHR3	22853810	CHR3:22853810	SSF x Far_LoA	-10,6012601	-0,074	0,301
CHR3	22853823	CHR3:22853823	SSF x Far_LoA	-8,13127008	0,002	0,297
CHR3	22853826	CHR3:22853826	SSF x Far_LoA	-6,29954209	-0,030	0,305
CHR3	22853845	CHR3:22853845	SSF x Far_LoA	-8,10678085	-0,022	0,329
CHR3	22853853	CHR3:22853853	SSF x Far_LoA	-7,87263077	-0,031	0,307
CHR3	22853904	CHR3:22853904	SSF x Far_LoA	-4,86451059	-0,012	0,302
CHR3	22853948	CHR3:22853948	SSF x Far_LoA	-8,50504476	-0,007	0,308
CHR3	22853967	CHR3:22853967	SSF x Far_LoA	-8,51525908	0,026	0,307
CHR3	22853984	CHR3:22853984	SSF x Far_LoA	-11,7451959	0,043	0,299
CHR3	22853985	CHR3:22853985	SSF x Far_LoA	-10,9287182	-0,067	0,296
CHR3	22854012	CHR3:22854012	SSF x Far_LoA	-11,5206378	-0,026	0,309
CHR3	22854013	CHR3:22854013	SSF x Far_LoA	-9,65068506	-0,087	0,302
CHR3	22863887	CHR3:22863887	SSF x Far_LoA	-8,9726332	-0,014	0,292
CHR3	22872480	CHR3:22872480	SSF x Far_LoA	-11,723119	-0,020	0,296
CHR3	22872739	CHR3:22872739	SSF x Far_LoA	-5,70269029	-0,117	0,308
CHR3	2288951	CHR3:2288951	SSF x Far_LoA	-7,99695055	0,072	0,313
CHR3	2288965	CHR3:2288965	SSF x Far_LoA	-7,1673369	-0,079	0,310
CHR3	2288971	CHR3:2288971	SSF x Far_LoA	-8,98313128	-0,083	0,305
CHR3	2288993	CHR3:2288993	SSF x Far_LoA	-8,80447271	0,034	0,308
CHR3	2288995	CHR3:2288995	SSF x Far_LoA	-7,13404158	0,018	0,306
CHR3	2289060	CHR3:2289060	SSF x Far_LoA	-7,46700351	-0,133	0,282

CHR3	2289068	CHR3:2289068	SSF x Far_LoA	-8,27479276	0,128	0,307
CHR3	2289076	CHR3:2289076	SSF x Far_LoA	-8,55996675	0,063	0,319
CHR3	22900253	CHR3:22900253	SSF x Far_LoA	-10,4059651	-0,091	0,302
CHR3	22900257	CHR3:22900257	SSF x Far_LoA	-10,8576706	-0,040	0,317
CHR3	22900262	CHR3:22900262	SSF x Far_LoA	-3,49964241	-0,154	0,306
CHR3	22900263	CHR3:22900263	SSF x Far_LoA	-6,89519408	-0,148	0,290
CHR3	22900400	CHR3:22900400	SSF x Far_LoA	-9,04759634	0,155	0,297
CHR3	22900424	CHR3:22900424	SSF x Far_LoA	0,17850518	0,131	0,303
CHR3	22900434	CHR3:22900434	SSF x Far_LoA	-8,77422231	-0,080	0,307
CHR3	22900442	CHR3:22900442	SSF x Far_LoA	-10,0751131	0,050	0,289
CHR3	22900451	CHR3:22900451	SSF x Far_LoA	-8,59327476	-0,097	0,308
CHR3	22900455	CHR3:22900455	SSF x Far_LoA	-8,73619531	-0,099	0,300
CHR3	22900487	CHR3:22900487	SSF x Far_LoA	-9,28200187	-0,095	0,310
CHR3	22900501	CHR3:22900501	SSF x Far_LoA	-10,0904201	-0,004	0,313
CHR3	22900507	CHR3:22900507	SSF x Far_LoA	-12,1223013	0,031	0,294
CHR3	22906593	CHR3:22906593	SSF x Far_LoA	-8,52102803	0,087	0,305
CHR3	22906700	CHR3:22906700	SSF x Far_LoA	-10,6778069	0,006	0,306
CHR3	229139	CHR3:229139	SSF x Far_LoA	-7,41173328	0,136	0,297
CHR3	22916407	CHR3:22916407	SSF x Far_LoA	-8,48745074	0,033	0,314
CHR3	22916448	CHR3:22916448	SSF x Far_LoA	-7,3100088	-0,126	0,308
CHR3	22916501	CHR3:22916501	SSF x Far_LoA	-7,05823299	0,201	0,284
CHR3	22916516	CHR3:22916516	SSF x Far_LoA	-4,58643796	-0,224	0,292
CHR3	22918053	CHR3:22918053	SSF x Far_LoA	-8,62411738	0,135	0,298
CHR3	22921146	CHR3:22921146	SSF x Far_LoA	-10,0916486	0,078	0,304
CHR3	22921148	CHR3:22921148	SSF x Far_LoA	-9,965798	0,088	0,310
CHR3	22921169	CHR3:22921169	SSF x Far_LoA	-7,99632067	0,165	0,304
CHR3	22921175	CHR3:22921175	SSF x Far_LoA	-3,45089726	0,026	0,321
CHR3	22921178	CHR3:22921178	SSF x Far_LoA	-10,9938884	0,117	0,295
CHR3	22921181	CHR3:22921181	SSF x Far_LoA	-11,8310453	0,038	0,291
CHR3	22921190	CHR3:22921190	SSF x Far_LoA	-7,77685388	0,164	0,298
CHR3	22921199	CHR3:22921199	SSF x Far_LoA	-8,88538759	0,137	0,299
CHR3	22921245	CHR3:22921245	SSF x Far_LoA	-9,40563396	0,021	0,307
CHR3	22921247	CHR3:22921247	SSF x Far_LoA	-6,36079044	-0,106	0,294
CHR3	22921300	CHR3:22921300	SSF x Far_LoA	-10,5704872	-0,043	0,293
CHR3	22921325	CHR3:22921325	SSF x Far_LoA	-8,35085913	0,017	0,315
CHR3	22921336	CHR3:22921336	SSF x Far_LoA	-8,40820152	-0,055	0,310
CHR3	22935534	CHR3:22935534	SSF x Far_LoA	-10,9862951	-0,086	0,300
CHR3	2293858	CHR3:2293858	SSF x Far_LoA	-10,3549003	0,037	0,285
CHR3	2294018	CHR3:2294018	SSF x Far_LoA	-12,3174437	0,041	0,306
CHR3	2294021	CHR3:2294021	SSF x Far_LoA	-12,4816749	0,013	0,304
CHR3	2294031	CHR3:2294031	SSF x Far_LoA	-10,3642625	0,015	0,305
CHR3	2294070	CHR3:2294070	SSF x Far_LoA	-7,3654783	0,084	0,311
CHR3	2294074	CHR3:2294074	SSF x Far_LoA	-7,4153986	-0,076	0,308
CHR3	2294113	CHR3:2294113	SSF x Far_LoA	-9,08701473	0,122	0,303
CHR3	22949822	CHR3:22949822	SSF x Far_LoA	-10,2850976	0,028	0,310
CHR3	22949908	CHR3:22949908	SSF x Far_LoA	-5,04324776	-0,226	0,291
CHR3	22949938	CHR3:22949938	SSF x Far_LoA	-7,47255023	0,014	0,307
CHR3	22949954	CHR3:22949954	SSF x Far_LoA	-1,87069546	0,105	0,298
CHR3	22954228	CHR3:22954228	SSF x Far_LoA	-9,07158451	0,061	0,312
CHR3	22954333	CHR3:22954333	SSF x Far_LoA	-9,36892105	-0,090	0,315
CHR3	22957479	CHR3:22957479	SSF x Far_LoA	-11,7515498	0,105	0,297
CHR3	22957545	CHR3:22957545	SSF x Far_LoA	-10,0608936	0,002	0,308
CHR3	22957569	CHR3:22957569	SSF x Far_LoA	-8,18428631	0,092	0,292

CHR3	22957609	CHR3:22957609	SSF x Far_LoA	-10,3220682	0,078	0,305
CHR3	22957643	CHR3:22957643	SSF x Far_LoA	-6,89693197	0,076	0,315
CHR3	22961484	CHR3:22961484	SSF x Far_LoA	-9,79935274	-0,055	0,312
CHR3	22962277	CHR3:22962277	SSF x Far_LoA	-10,3763673	-0,104	0,298
CHR3	22962291	CHR3:22962291	SSF x Far_LoA	-8,45696913	0,145	0,301
CHR3	22962310	CHR3:22962310	SSF x Far_LoA	-9,71422636	-0,064	0,306
CHR3	22962316	CHR3:22962316	SSF x Far_LoA	-8,39567178	-0,099	0,304
CHR3	22962319	CHR3:22962319	SSF x Far_LoA	-9,28839237	0,073	0,303
CHR3	22966634	CHR3:22966634	SSF x Far_LoA	-4,61135472	-0,065	0,300
CHR3	22966650	CHR3:22966650	SSF x Far_LoA	-9,72690704	-0,043	0,303
CHR3	22966654	CHR3:22966654	SSF x Far_LoA	-8,35020583	-0,128	0,301
CHR3	22966686	CHR3:22966686	SSF x Far_LoA	-8,74011442	-0,110	0,295
CHR3	22980093	CHR3:22980093	SSF x Far_LoA	-10,6513768	-0,048	0,307
CHR3	22981755	CHR3:22981755	SSF x Far_LoA	-10,1951834	0,101	0,297
CHR3	22981836	CHR3:22981836	SSF x Far_LoA	-9,95346342	-0,026	0,320
CHR3	22981930	CHR3:22981930	SSF x Far_LoA	-12,1792512	0,037	0,305
CHR3	22987772	CHR3:22987772	SSF x Far_LoA	-8,75890529	0,037	0,309
CHR3	22989174	CHR3:22989174	SSF x Far_LoA	-8,29534027	-0,103	0,312
CHR3	22989206	CHR3:22989206	SSF x Far_LoA	-9,89924871	0,007	0,307
CHR3	22989278	CHR3:22989278	SSF x Far_LoA	-9,28091079	0,008	0,311
CHR3	23002159	CHR3:23002159	SSF x Far_LoA	-7,74437454	0,028	0,315
CHR3	23006002	CHR3:23006002	SSF x Far_LoA	-9,91802959	0,049	0,301
CHR3	23006022	CHR3:23006022	SSF x Far_LoA	-10,2819551	0,046	0,297
CHR3	23006026	CHR3:23006026	SSF x Far_LoA	-10,0176778	0,032	0,309
CHR3	23006139	CHR3:23006139	SSF x Far_LoA	-9,43346312	0,032	0,317
CHR3	23006146	CHR3:23006146	SSF x Far_LoA	-9,66074156	-0,053	0,302
CHR3	23006180	CHR3:23006180	SSF x Far_LoA	-11,6752124	-0,051	0,289
CHR3	23007895	CHR3:23007895	SSF x Far_LoA	-10,3633886	-0,044	0,326
CHR3	23007948	CHR3:23007948	SSF x Far_LoA	-10,0616106	-0,059	0,304
CHR3	23009777	CHR3:23009777	SSF x Far_LoA	-8,18627636	-0,070	0,316
CHR3	23015002	CHR3:23015002	SSF x Far_LoA	-11,4843697	-0,057	0,311
CHR3	23015059	CHR3:23015059	SSF x Far_LoA	-7,26929454	0,131	0,305
CHR3	23015090	CHR3:23015090	SSF x Far_LoA	-5,96761913	0,024	0,316
CHR3	23015099	CHR3:23015099	SSF x Far_LoA	-5,16211677	0,021	0,319
CHR3	23015100	CHR3:23015100	SSF x Far_LoA	-9,50700463	-0,029	0,303
CHR3	23015131	CHR3:23015131	SSF x Far_LoA	-9,96757717	-0,011	0,306
CHR3	23015177	CHR3:23015177	SSF x Far_LoA	-8,67192419	-0,005	0,304
CHR3	23015204	CHR3:23015204	SSF x Far_LoA	-11,4664144	0,017	0,315
CHR3	23016429	CHR3:23016429	SSF x Far_LoA	-8,05370181	-0,062	0,323
CHR3	2301823	CHR3:2301823	SSF x Far_LoA	-10,2223492	0,041	0,304
CHR3	23023382	CHR3:23023382	SSF x Far_LoA	-7,75469629	0,100	0,305
CHR3	23023396	CHR3:23023396	SSF x Far_LoA	-7,4803979	0,113	0,304
CHR3	23023406	CHR3:23023406	SSF x Far_LoA	-4,20558025	0,202	0,298
CHR3	23023448	CHR3:23023448	SSF x Far_LoA	-7,34469485	0,062	0,309
CHR3	23023464	CHR3:23023464	SSF x Far_LoA	-9,86127011	0,054	0,293
CHR3	23023565	CHR3:23023565	SSF x Far_LoA	-11,1412482	-0,008	0,311
CHR3	23023577	CHR3:23023577	SSF x Far_LoA	-7,06540279	0,204	0,291
CHR3	23023586	CHR3:23023586	SSF x Far_LoA	-11,1072748	-0,050	0,303
CHR3	23044302	CHR3:23044302	SSF x Far_LoA	-8,38163401	-0,037	0,313
CHR3	23044322	CHR3:23044322	SSF x Far_LoA	-9,76139818	-0,033	0,304
CHR3	23044358	CHR3:23044358	SSF x Far_LoA	-10,7786981	-0,016	0,306
CHR3	23044397	CHR3:23044397	SSF x Far_LoA	-10,2543549	0,057	0,319
CHR3	23051392	CHR3:23051392	SSF x Far_LoA	-8,98759667	0,021	0,297

CHR3	23051397	CHR3:23051397	SSF x Far_LoA	-8,8797648	-0,009	0,296
CHR3	23051431	CHR3:23051431	SSF x Far_LoA	-7,12385653	-0,061	0,328
CHR3	23051457	CHR3:23051457	SSF x Far_LoA	-9,05250285	-0,003	0,303
CHR3	23051480	CHR3:23051480	SSF x Far_LoA	-7,96580835	0,035	0,305
CHR3	23051566	CHR3:23051566	SSF x Far_LoA	-7,11671598	0,068	0,304
CHR3	23051611	CHR3:23051611	SSF x Far_LoA	-10,7016017	0,010	0,306
CHR3	23062249	CHR3:23062249	SSF x Far_LoA	-8,53363362	-0,055	0,308
CHR3	23062271	CHR3:23062271	SSF x Far_LoA	-7,44612772	-0,070	0,301
CHR3	2306262	CHR3:2306262	SSF x Far_LoA	-8,65362442	-0,060	0,301
CHR3	2306286	CHR3:2306286	SSF x Far_LoA	-8,59302287	0,037	0,313
CHR3	2306289	CHR3:2306289	SSF x Far_LoA	-9,96165736	0,046	0,310
CHR3	2306357	CHR3:2306357	SSF x Far_LoA	-11,682801	0,055	0,300
CHR3	2306432	CHR3:2306432	SSF x Far_LoA	-10,5978436	0,027	0,304
CHR3	23065674	CHR3:23065674	SSF x Far_LoA	-8,23987361	0,077	0,301
CHR3	23065965	CHR3:23065965	SSF x Far_LoA	-9,34744653	0,009	0,308
CHR3	23065993	CHR3:23065993	SSF x Far_LoA	-9,69835015	-0,104	0,312
CHR3	23066015	CHR3:23066015	SSF x Far_LoA	-10,035237	-0,009	0,302
CHR3	23066047	CHR3:23066047	SSF x Far_LoA	-9,51023189	0,064	0,318
CHR3	23067122	CHR3:23067122	SSF x Far_LoA	-10,6508631	0,039	0,304
CHR3	23067132	CHR3:23067132	SSF x Far_LoA	-8,84880093	-0,077	0,298
CHR3	23067151	CHR3:23067151	SSF x Far_LoA	-9,64446628	0,029	0,318
CHR3	23071839	CHR3:23071839	SSF x Far_LoA	-10,0474168	0,074	0,301
CHR3	23071840	CHR3:23071840	SSF x Far_LoA	-8,29128671	0,091	0,305
CHR3	23086934	CHR3:23086934	SSF x Far_LoA	-8,11705259	0,008	0,313
CHR3	23086944	CHR3:23086944	SSF x Far_LoA	-9,6516844	0,015	0,295
CHR3	23089106	CHR3:23089106	SSF x Far_LoA	-10,6459974	-0,019	0,309
CHR3	23089115	CHR3:23089115	SSF x Far_LoA	4,24265646	-0,020	0,308
CHR3	23092297	CHR3:23092297	SSF x Far_LoA	-9,74307628	-0,014	0,313
CHR3	23092446	CHR3:23092446	SSF x Far_LoA	-6,23272695	0,041	0,313
CHR3	23092552	CHR3:23092552	SSF x Far_LoA	-8,18131334	-0,023	0,318
CHR3	23095711	CHR3:23095711	SSF x Far_LoA	-8,47532938	-0,063	0,328
CHR3	23095833	CHR3:23095833	SSF x Far_LoA	-10,4858779	-0,006	0,316
CHR3	23112405	CHR3:23112405	SSF x Far_LoA	-8,05324952	0,117	0,299
CHR3	23112406	CHR3:23112406	SSF x Far_LoA	-6,07836601	0,143	0,285
CHR3	23112593	CHR3:23112593	SSF x Far_LoA	-9,05253692	-0,057	0,294
CHR3	23112647	CHR3:23112647	SSF x Far_LoA	-8,87211145	0,014	0,307
CHR3	23122662	CHR3:23122662	SSF x Far_LoA	-8,55961833	0,101	0,302
CHR3	23122688	CHR3:23122688	SSF x Far_LoA	-7,5321781	0,005	0,303
CHR3	23122691	CHR3:23122691	SSF x Far_LoA	-7,71590358	-0,114	0,296
CHR3	23122699	CHR3:23122699	SSF x Far_LoA	-9,09474645	-0,053	0,310
CHR3	23122716	CHR3:23122716	SSF x Far_LoA	-9,5257597	-0,088	0,319
CHR3	23122787	CHR3:23122787	SSF x Far_LoA	-9,50094809	0,011	0,328
CHR3	23126280	CHR3:23126280	SSF x Far_LoA	-9,97614513	-0,098	0,309
CHR3	23131774	CHR3:23131774	SSF x Far_LoA	-8,76154878	0,093	0,294
CHR3	23131796	CHR3:23131796	SSF x Far_LoA	-9,46047185	0,024	0,309
CHR3	23131825	CHR3:23131825	SSF x Far_LoA	-6,2354023	0,079	0,307
CHR3	23131852	CHR3:23131852	SSF x Far_LoA	-11,2418418	0,053	0,306
CHR3	23135830	CHR3:23135830	SSF x Far_LoA	-6,72660639	0,062	0,298
CHR3	23136003	CHR3:23136003	SSF x Far_LoA	-9,26556354	-0,051	0,292
CHR3	23136046	CHR3:23136046	SSF x Far_LoA	-7,26604869	0,186	0,293
CHR3	23136052	CHR3:23136052	SSF x Far_LoA	-6,72815439	0,163	0,308
CHR3	23136120	CHR3:23136120	SSF x Far_LoA	-8,86210217	0,156	0,300
CHR3	23140287	CHR3:23140287	SSF x Far_LoA	-11,3325979	0,081	0,317

CHR3	23144058	CHR3:23144058	SSF x Far_LoA	-10,7048979	0,038	0,305
CHR3	23144087	CHR3:23144087	SSF x Far_LoA	-10,4208282	0,060	0,310
CHR3	23144223	CHR3:23144223	SSF x Far_LoA	-8,83087492	-0,131	0,319
CHR3	23145162	CHR3:23145162	SSF x Far_LoA	-7,91479282	0,075	0,308
CHR3	23145255	CHR3:23145255	SSF x Far_LoA	-8,92447507	-0,013	0,304
CHR3	23145410	CHR3:23145410	SSF x Far_LoA	-10,2437327	-0,129	0,307
CHR3	23145419	CHR3:23145419	SSF x Far_LoA	-7,27610419	0,198	0,302
CHR3	23145422	CHR3:23145422	SSF x Far_LoA	10,9063283	-0,233	0,299
CHR3	2314846	CHR3:2314846	SSF x Far_LoA	-10,3335472	0,087	0,313
CHR3	2314874	CHR3:2314874	SSF x Far_LoA	-8,47842528	-0,080	0,320
CHR3	2314883	CHR3:2314883	SSF x Far_LoA	-10,3790409	0,077	0,311
CHR3	2314896	CHR3:2314896	SSF x Far_LoA	-11,8919557	0,056	0,304
CHR3	2314898	CHR3:2314898	SSF x Far_LoA	-12,1723592	0,053	0,297
CHR3	23149897	CHR3:23149897	SSF x Far_LoA	-9,3610016	-0,004	0,309
CHR3	23149941	CHR3:23149941	SSF x Far_LoA	-8,60774864	-0,055	0,315
CHR3	23149976	CHR3:23149976	SSF x Far_LoA	-8,32165875	-0,049	0,305
CHR3	23161235	CHR3:23161235	SSF x Far_LoA	-9,61824224	-0,065	0,307
CHR3	2316198	CHR3:2316198	SSF x Far_LoA	-10,8377114	-0,042	0,314
CHR3	23162952	CHR3:23162952	SSF x Far_LoA	-8,89474356	0,076	0,315
CHR3	23163043	CHR3:23163043	SSF x Far_LoA	-8,30482267	0,047	0,317
CHR3	23163096	CHR3:23163096	SSF x Far_LoA	-9,02886336	0,023	0,297
CHR3	23163154	CHR3:23163154	SSF x Far_LoA	-8,62509722	0,036	0,303
CHR3	23165559	CHR3:23165559	SSF x Far_LoA	-8,96174098	-0,087	0,308
CHR3	23165648	CHR3:23165648	SSF x Far_LoA	-9,05351887	-0,024	0,295
CHR3	23165685	CHR3:23165685	SSF x Far_LoA	-11,8900845	0,065	0,313
CHR3	23171395	CHR3:23171395	SSF x Far_LoA	-9,11573094	0,105	0,310
CHR3	23171421	CHR3:23171421	SSF x Far_LoA	-9,80363879	0,041	0,309
CHR3	23171429	CHR3:23171429	SSF x Far_LoA	-9,67853614	0,063	0,317
CHR3	2317494	CHR3:2317494	SSF x Far_LoA	-8,76653992	0,154	0,285
CHR3	2317555	CHR3:2317555	SSF x Far_LoA	-12,0909225	-0,007	0,300
CHR3	23176105	CHR3:23176105	SSF x Far_LoA	-8,67483626	0,167	0,289
CHR3	23176140	CHR3:23176140	SSF x Far_LoA	-6,75174365	0,192	0,299
CHR3	23176142	CHR3:23176142	SSF x Far_LoA	-10,3269527	0,166	0,294
CHR3	23176234	CHR3:23176234	SSF x Far_LoA	-9,58917562	0,000	0,312
CHR3	23186219	CHR3:23186219	SSF x Far_LoA	-10,4939329	-0,096	0,313
CHR3	23186246	CHR3:23186246	SSF x Far_LoA	-9,02892704	-0,027	0,316
CHR3	23186299	CHR3:23186299	SSF x Far_LoA	-10,8405014	-0,061	0,297
CHR3	23186301	CHR3:23186301	SSF x Far_LoA	-3,55694857	0,215	0,304
CHR3	23186327	CHR3:23186327	SSF x Far_LoA	-10,7392915	-0,048	0,312
CHR3	23188506	CHR3:23188506	SSF x Far_LoA	-5,60107669	-0,154	0,292
CHR3	23188509	CHR3:23188509	SSF x Far_LoA	-9,36203102	0,003	0,287
CHR3	23188609	CHR3:23188609	SSF x Far_LoA	-8,13751194	0,002	0,321
CHR3	23189628	CHR3:23189628	SSF x Far_LoA	-10,5709403	0,100	0,306
CHR3	23212888	CHR3:23212888	SSF x Far_LoA	-11,4882071	-0,059	0,308
CHR3	23212968	CHR3:23212968	SSF x Far_LoA	-10,6070776	-0,071	0,305
CHR3	23212986	CHR3:23212986	SSF x Far_LoA	-7,86490107	-0,124	0,305
CHR3	23213109	CHR3:23213109	SSF x Far_LoA	-7,44370139	0,103	0,315
CHR3	23218862	CHR3:23218862	SSF x Far_LoA	-10,3126115	0,022	0,311
CHR3	23218894	CHR3:23218894	SSF x Far_LoA	-8,26708736	0,002	0,320
CHR3	23236378	CHR3:23236378	SSF x Far_LoA	-10,6701006	0,127	0,301
CHR3	23236441	CHR3:23236441	SSF x Far_LoA	-10,9739852	-0,083	0,303
CHR3	23236445	CHR3:23236445	SSF x Far_LoA	-10,1328684	0,036	0,307
CHR3	23237404	CHR3:23237404	SSF x Far_LoA	-9,13325445	0,066	0,299

CHR3	23241446	CHR3:23241446	SSF x Far_LoA	-8,95869283	-0,009	0,302
CHR3	23241469	CHR3:23241469	SSF x Far_LoA	-8,77395565	-0,004	0,302
CHR3	23241531	CHR3:23241531	SSF x Far_LoA	-9,00801257	0,025	0,301
CHR3	23241755	CHR3:23241755	SSF x Far_LoA	-9,44106427	0,003	0,302
CHR3	23241758	CHR3:23241758	SSF x Far_LoA	-8,16137654	-0,071	0,320
CHR3	23241769	CHR3:23241769	SSF x Far_LoA	-6,26493541	-0,100	0,305
CHR3	23248359	CHR3:23248359	SSF x Far_LoA	-9,06766087	-0,027	0,295
CHR3	23262753	CHR3:23262753	SSF x Far_LoA	-11,0230975	-0,074	0,296
CHR3	23262759	CHR3:23262759	SSF x Far_LoA	-3,6851857	-0,252	0,275
CHR3	23262773	CHR3:23262773	SSF x Far_LoA	0,60072302	-0,264	0,279
CHR3	23262814	CHR3:23262814	SSF x Far_LoA	-10,9209624	-0,135	0,300
CHR3	23262834	CHR3:23262834	SSF x Far_LoA	-6,53144955	0,145	0,290
CHR3	23262850	CHR3:23262850	SSF x Far_LoA	-8,77348693	-0,013	0,313
CHR3	23266203	CHR3:23266203	SSF x Far_LoA	-9,92168173	-0,038	0,302
CHR3	23267224	CHR3:23267224	SSF x Far_LoA	-9,446114	0,018	0,314
CHR3	23268807	CHR3:23268807	SSF x Far_LoA	-9,61167298	-0,031	0,299
CHR3	23268858	CHR3:23268858	SSF x Far_LoA	-8,94302001	0,049	0,301
CHR3	23278163	CHR3:23278163	SSF x Far_LoA	-11,1370028	-0,051	0,307
CHR3	23278247	CHR3:23278247	SSF x Far_LoA	-10,103861	0,019	0,305
CHR3	23278277	CHR3:23278277	SSF x Far_LoA	-9,35528913	0,102	0,309
CHR3	23285517	CHR3:23285517	SSF x Far_LoA	-10,8854154	-0,012	0,310
CHR3	23285664	CHR3:23285664	SSF x Far_LoA	-8,40036539	-0,121	0,283
CHR3	23291663	CHR3:23291663	SSF x Far_LoA	-11,1191761	0,043	0,312
CHR3	23292281	CHR3:23292281	SSF x Far_LoA	-10,6314973	-0,108	0,310
CHR3	23300033	CHR3:23300033	SSF x Far_LoA	-8,71021424	-0,068	0,310
CHR3	23300160	CHR3:23300160	SSF x Far_LoA	-9,23456004	0,034	0,305
CHR3	23306997	CHR3:23306997	SSF x Far_LoA	-8,43707622	-0,082	0,308
CHR3	23307049	CHR3:23307049	SSF x Far_LoA	-10,1286326	-0,027	0,308
CHR3	23307115	CHR3:23307115	SSF x Far_LoA	-7,82894455	-0,025	0,319
CHR3	23307158	CHR3:23307158	SSF x Far_LoA	-3,7663266	0,020	0,319
CHR3	23313690	CHR3:23313690	SSF x Far_LoA	-9,93701612	-0,062	0,321
CHR3	23313717	CHR3:23313717	SSF x Far_LoA	-9,63609609	0,126	0,304
CHR3	23314785	CHR3:23314785	SSF x Far_LoA	-11,5267555	-0,034	0,313
CHR3	23314794	CHR3:23314794	SSF x Far_LoA	-9,71416806	0,010	0,299
CHR3	23315514	CHR3:23315514	SSF x Far_LoA	-10,2604326	-0,038	0,304
CHR3	23322524	CHR3:23322524	SSF x Far_LoA	-9,66680696	0,078	0,318
CHR3	23322531	CHR3:23322531	SSF x Far_LoA	-8,31594075	-0,002	0,313
CHR3	23322591	CHR3:23322591	SSF x Far_LoA	-7,76745071	0,094	0,318
CHR3	23322594	CHR3:23322594	SSF x Far_LoA	-9,00260821	0,082	0,311
CHR3	23322596	CHR3:23322596	SSF x Far_LoA	-8,17726935	0,037	0,312
CHR3	23327067	CHR3:23327067	SSF x Far_LoA	-10,6040061	0,018	0,309
CHR3	23333181	CHR3:23333181	SSF x Far_LoA	-10,6663631	0,052	0,315
CHR3	23333240	CHR3:23333240	SSF x Far_LoA	-10,5323548	0,000	0,298
CHR3	23333266	CHR3:23333266	SSF x Far_LoA	-9,34367519	-0,114	0,322
CHR3	23333283	CHR3:23333283	SSF x Far_LoA	-9,71567545	-0,114	0,321
CHR3	23333364	CHR3:23333364	SSF x Far_LoA	-10,1274896	-0,025	0,309
CHR3	23342393	CHR3:23342393	SSF x Far_LoA	-8,59308843	0,112	0,300
CHR3	23342404	CHR3:23342404	SSF x Far_LoA	-11,5445753	-0,025	0,305
CHR3	23343738	CHR3:23343738	SSF x Far_LoA	-5,52316776	-0,006	0,304
CHR3	23347863	CHR3:23347863	SSF x Far_LoA	-9,77702968	-0,039	0,312
CHR3	23347929	CHR3:23347929	SSF x Far_LoA	-9,28150075	-0,036	0,300
CHR3	23350591	CHR3:23350591	SSF x Far_LoA	-10,9993353	-0,115	0,298
CHR3	2335600	CHR3:2335600	SSF x Far_LoA	-10,7716132	0,144	0,307

CHR3	2335639	CHR3:2335639	SSF x Far_LoA	-8,31951626	-0,139	0,305
CHR3	2335754	CHR3:2335754	SSF x Far_LoA	-10,1935081	0,016	0,315
CHR3	2335756	CHR3:2335756	SSF x Far_LoA	-12,0304694	-0,014	0,302
CHR3	23366190	CHR3:23366190	SSF x Far_LoA	-9,62577345	-0,056	0,302
CHR3	23368028	CHR3:23368028	SSF x Far_LoA	-9,86139083	-0,024	0,309
CHR3	23368077	CHR3:23368077	SSF x Far_LoA	-9,80477828	0,001	0,304
CHR3	23368112	CHR3:23368112	SSF x Far_LoA	-11,7963179	0,050	0,304
CHR3	23368117	CHR3:23368117	SSF x Far_LoA	-10,9617489	-0,111	0,294
CHR3	23370395	CHR3:23370395	SSF x Far_LoA	-10,0963589	0,146	0,305
CHR3	23370428	CHR3:23370428	SSF x Far_LoA	-9,22213813	0,145	0,305
CHR3	23371126	CHR3:23371126	SSF x Far_LoA	-11,1848894	0,060	0,298
CHR3	23371143	CHR3:23371143	SSF x Far_LoA	-10,8263266	0,073	0,295
CHR3	23389760	CHR3:23389760	SSF x Far_LoA	-8,25431955	0,069	0,306
CHR3	23389821	CHR3:23389821	SSF x Far_LoA	-9,62678083	-0,001	0,319
CHR3	23398044	CHR3:23398044	SSF x Far_LoA	-6,42911999	-0,201	0,285
CHR3	23398093	CHR3:23398093	SSF x Far_LoA	-4,40729054	0,192	0,300
CHR3	23398375	CHR3:23398375	SSF x Far_LoA	-10,4584154	-0,075	0,313
CHR3	2340977	CHR3:2340977	SSF x Far_LoA	-10,6220307	0,035	0,317
CHR3	23409917	CHR3:23409917	SSF x Far_LoA	-10,4618163	-0,010	0,319
CHR3	23413309	CHR3:23413309	SSF x Far_LoA	-9,01360574	-0,016	0,315
CHR3	23413336	CHR3:23413336	SSF x Far_LoA	-8,9357362	0,010	0,314
CHR3	23413366	CHR3:23413366	SSF x Far_LoA	-9,11581167	0,010	0,316
CHR3	23413382	CHR3:23413382	SSF x Far_LoA	-9,06000174	0,171	0,297
CHR3	23413424	CHR3:23413424	SSF x Far_LoA	-9,0045912	0,041	0,314
CHR3	23413470	CHR3:23413470	SSF x Far_LoA	-8,00496909	-0,017	0,303
CHR3	23413502	CHR3:23413502	SSF x Far_LoA	-7,61277062	-0,126	0,306
CHR3	23413540	CHR3:23413540	SSF x Far_LoA	-9,77254223	0,056	0,312
CHR3	23429415	CHR3:23429415	SSF x Far_LoA	-11,1356556	0,019	0,303
CHR3	23429416	CHR3:23429416	SSF x Far_LoA	-9,51583901	-0,021	0,298
CHR3	23429428	CHR3:23429428	SSF x Far_LoA	-10,3854905	-0,044	0,298
CHR3	23429432	CHR3:23429432	SSF x Far_LoA	-8,9160842	-0,072	0,306
CHR3	23429597	CHR3:23429597	SSF x Far_LoA	-7,42600221	-0,078	0,310
CHR3	23429599	CHR3:23429599	SSF x Far_LoA	-9,39730375	0,048	0,303
CHR3	23429654	CHR3:23429654	SSF x Far_LoA	-7,49805114	0,011	0,300
CHR3	23429680	CHR3:23429680	SSF x Far_LoA	-9,05598738	-0,015	0,287
CHR3	23430413	CHR3:23430413	SSF x Far_LoA	-8,77827842	-0,118	0,312
CHR3	23436438	CHR3:23436438	SSF x Far_LoA	-7,74817384	-0,043	0,309
CHR3	23436472	CHR3:23436472	SSF x Far_LoA	-7,92366784	-0,061	0,300
CHR3	23445945	CHR3:23445945	SSF x Far_LoA	-10,9621544	0,006	0,309
CHR3	23445988	CHR3:23445988	SSF x Far_LoA	-9,86862829	-0,090	0,292
CHR3	23446048	CHR3:23446048	SSF x Far_LoA	-12,0962201	0,051	0,297
CHR3	23446056	CHR3:23446056	SSF x Far_LoA	-6,15563947	0,110	0,302
CHR3	23450122	CHR3:23450122	SSF x Far_LoA	-7,29663079	0,045	0,298
CHR3	23450128	CHR3:23450128	SSF x Far_LoA	-10,4512926	0,046	0,306
CHR3	23450129	CHR3:23450129	SSF x Far_LoA	-9,93744334	0,023	0,307
CHR3	23450133	CHR3:23450133	SSF x Far_LoA	-10,101113	0,039	0,305
CHR3	23450134	CHR3:23450134	SSF x Far_LoA	-10,4053035	0,043	0,306
CHR3	23450135	CHR3:23450135	SSF x Far_LoA	-10,3560624	0,020	0,300
CHR3	23450271	CHR3:23450271	SSF x Far_LoA	-8,31044986	-0,105	0,288
CHR3	23453387	CHR3:23453387	SSF x Far_LoA	-9,25724223	0,087	0,307
CHR3	23465244	CHR3:23465244	SSF x Far_LoA	-9,25960713	-0,067	0,305
CHR3	23465266	CHR3:23465266	SSF x Far_LoA	-9,52226193	0,035	0,304
CHR3	23465267	CHR3:23465267	SSF x Far_LoA	-8,66615439	0,006	0,305

CHR3	23465319	CHR3:23465319	SSF x Far_LoA	-8,22502175	-0,025	0,311
CHR3	23465370	CHR3:23465370	SSF x Far_LoA	-8,98402178	0,004	0,302
CHR3	23481319	CHR3:23481319	SSF x Far_LoA	-9,83796204	-0,064	0,307
CHR3	23501554	CHR3:23501554	SSF x Far_LoA	-4,81580081	0,069	0,313
CHR3	23513882	CHR3:23513882	SSF x Far_LoA	-9,0574389	0,010	0,311
CHR3	23513898	CHR3:23513898	SSF x Far_LoA	-9,74742493	-0,062	0,312
CHR3	23513946	CHR3:23513946	SSF x Far_LoA	-10,5338091	-0,009	0,314
CHR3	23514023	CHR3:23514023	SSF x Far_LoA	-10,9695679	0,047	0,311
CHR3	23514050	CHR3:23514050	SSF x Far_LoA	-10,1149893	0,019	0,308
CHR3	23514100	CHR3:23514100	SSF x Far_LoA	-9,58493012	0,051	0,308
CHR3	2352177	CHR3:2352177	SSF x Far_LoA	-8,99169238	0,198	0,295
CHR3	2352222	CHR3:2352222	SSF x Far_LoA	-10,4265571	0,174	0,301
CHR3	2352250	CHR3:2352250	SSF x Far_LoA	-9,16012815	0,128	0,304
CHR3	2352273	CHR3:2352273	SSF x Far_LoA	-5,59001528	0,170	0,299
CHR3	2352317	CHR3:2352317	SSF x Far_LoA	-10,0463345	-0,038	0,307
CHR3	23527468	CHR3:23527468	SSF x Far_LoA	-4,51860208	0,217	0,290
CHR3	23527533	CHR3:23527533	SSF x Far_LoA	-10,3315865	-0,105	0,307
CHR3	23527799	CHR3:23527799	SSF x Far_LoA	4,52434377	0,096	0,309
CHR3	23529101	CHR3:23529101	SSF x Far_LoA	-7,89320296	-0,055	0,308
CHR3	23529151	CHR3:23529151	SSF x Far_LoA	-9,82307457	-0,046	0,321
CHR3	23532124	CHR3:23532124	SSF x Far_LoA	-8,0653504	0,012	0,310
CHR3	23532264	CHR3:23532264	SSF x Far_LoA	-8,33864613	-0,050	0,304
CHR3	23536022	CHR3:23536022	SSF x Far_LoA	-9,29578581	-0,019	0,315
CHR3	23544949	CHR3:23544949	SSF x Far_LoA	-10,4402752	0,029	0,288
CHR3	23544956	CHR3:23544956	SSF x Far_LoA	-10,5748333	-0,070	0,305
CHR3	23545015	CHR3:23545015	SSF x Far_LoA	-10,2503889	-0,052	0,312
CHR3	23545202	CHR3:23545202	SSF x Far_LoA	-8,62292796	0,088	0,308
CHR3	23571568	CHR3:23571568	SSF x Far_LoA	-9,34279217	0,006	0,296
CHR3	23571630	CHR3:23571630	SSF x Far_LoA	-9,04329464	-0,086	0,304
CHR3	23580741	CHR3:23580741	SSF x Far_LoA	-9,21388451	-0,020	0,298
CHR3	23580760	CHR3:23580760	SSF x Far_LoA	-9,26698263	-0,010	0,312
CHR3	23580763	CHR3:23580763	SSF x Far_LoA	-11,4627909	-0,019	0,297
CHR3	23580774	CHR3:23580774	SSF x Far_LoA	-10,1494112	-0,031	0,309
CHR3	23580824	CHR3:23580824	SSF x Far_LoA	-9,86232897	-0,116	0,301
CHR3	23580925	CHR3:23580925	SSF x Far_LoA	-7,6539564	0,025	0,300
CHR3	23586105	CHR3:23586105	SSF x Far_LoA	-9,21621526	-0,109	0,304
CHR3	23586109	CHR3:23586109	SSF x Far_LoA	-8,50298299	0,048	0,316
CHR3	23586272	CHR3:23586272	SSF x Far_LoA	-10,5318174	-0,024	0,316
CHR3	23586337	CHR3:23586337	SSF x Far_LoA	-9,23560966	0,056	0,316
CHR3	23592563	CHR3:23592563	SSF x Far_LoA	-6,54805915	0,075	0,313
CHR3	23592587	CHR3:23592587	SSF x Far_LoA	-3,66945031	0,053	0,332
CHR3	23595456	CHR3:23595456	SSF x Far_LoA	-9,41824704	-0,094	0,317
CHR3	23595515	CHR3:23595515	SSF x Far_LoA	-3,67741505	0,042	0,304
CHR3	23595581	CHR3:23595581	SSF x Far_LoA	-9,43265294	0,000	0,306
CHR3	23595617	CHR3:23595617	SSF x Far_LoA	-10,6464305	0,104	0,289
CHR3	2359603	CHR3:2359603	SSF x Far_LoA	-6,8824452	-0,165	0,299
CHR3	2359711	CHR3:2359711	SSF x Far_LoA	-9,33680289	-0,138	0,304
CHR3	23600288	CHR3:23600288	SSF x Far_LoA	-10,928001	0,103	0,291
CHR3	23600360	CHR3:23600360	SSF x Far_LoA	-10,8345954	-0,092	0,300
CHR3	23600407	CHR3:23600407	SSF x Far_LoA	-8,44622462	-0,075	0,313
CHR3	23600484	CHR3:23600484	SSF x Far_LoA	-10,4622197	0,029	0,329
CHR3	2360388	CHR3:2360388	SSF x Far_LoA	-7,68439475	0,049	0,328
CHR3	23610291	CHR3:23610291	SSF x Far_LoA	-8,525836	-0,082	0,317

CHR3	2361860	CHR3:2361860	SSF x Far_LoA	-9,46809233	-0,088	0,305
CHR3	23619992	CHR3:23619992	SSF x Far_LoA	-6,83326015	-0,029	0,303
CHR3	23620163	CHR3:23620163	SSF x Far_LoA	-7,8257974	0,120	0,309
CHR3	23623628	CHR3:23623628	SSF x Far_LoA	-10,311238	-0,010	0,304
CHR3	23623636	CHR3:23623636	SSF x Far_LoA	-9,03965765	-0,027	0,301
CHR3	23623725	CHR3:23623725	SSF x Far_LoA	-10,5059675	-0,059	0,299
CHR3	23623738	CHR3:23623738	SSF x Far_LoA	-7,76565097	-0,113	0,326
CHR3	23627324	CHR3:23627324	SSF x Far_LoA	-10,265521	-0,033	0,297
CHR3	23627350	CHR3:23627350	SSF x Far_LoA	-10,029793	-0,024	0,299
CHR3	23627358	CHR3:23627358	SSF x Far_LoA	-9,87903656	0,030	0,301
CHR3	23641006	CHR3:23641006	SSF x Far_LoA	-7,79537812	0,133	0,308
CHR3	2365056	CHR3:2365056	SSF x Far_LoA	-8,90010331	0,110	0,300
CHR3	2365077	CHR3:2365077	SSF x Far_LoA	-7,07322115	0,062	0,317
CHR3	2365101	CHR3:2365101	SSF x Far_LoA	-8,69280342	0,023	0,307
CHR3	23663640	CHR3:23663640	SSF x Far_LoA	-9,87713222	0,037	0,320
CHR3	23663686	CHR3:23663686	SSF x Far_LoA	-8,79983613	0,045	0,299
CHR3	23663738	CHR3:23663738	SSF x Far_LoA	-10,9344883	-0,083	0,309
CHR3	23663853	CHR3:23663853	SSF x Far_LoA	-11,4086109	0,046	0,300
CHR3	23663885	CHR3:23663885	SSF x Far_LoA	-10,0397858	0,020	0,305
CHR3	23666211	CHR3:23666211	SSF x Far_LoA	-7,45126266	-0,116	0,304
CHR3	23666213	CHR3:23666213	SSF x Far_LoA	-9,42475839	0,164	0,292
CHR3	23666321	CHR3:23666321	SSF x Far_LoA	-6,92576934	0,051	0,316
CHR3	23673253	CHR3:23673253	SSF x Far_LoA	-10,448582	0,006	0,314
CHR3	23677249	CHR3:23677249	SSF x Far_LoA	-8,53606275	0,046	0,313
CHR3	23677282	CHR3:23677282	SSF x Far_LoA	-4,7303765	-0,175	0,306
CHR3	23677317	CHR3:23677317	SSF x Far_LoA	-6,97634059	-0,170	0,305
CHR3	23677329	CHR3:23677329	SSF x Far_LoA	-8,73028415	-0,028	0,307
CHR3	23677335	CHR3:23677335	SSF x Far_LoA	-9,82329329	0,011	0,305
CHR3	23677336	CHR3:23677336	SSF x Far_LoA	-8,12539759	-0,030	0,319
CHR3	23685248	CHR3:23685248	SSF x Far_LoA	-10,141142	-0,067	0,300
CHR3	23685268	CHR3:23685268	SSF x Far_LoA	-10,016474	-0,102	0,298
CHR3	23685280	CHR3:23685280	SSF x Far_LoA	-7,82360768	0,056	0,304
CHR3	23685348	CHR3:23685348	SSF x Far_LoA	-8,67253845	0,090	0,302
CHR3	23688459	CHR3:23688459	SSF x Far_LoA	-7,53945809	0,121	0,312
CHR3	23688503	CHR3:23688503	SSF x Far_LoA	-10,6062668	-0,079	0,306
CHR3	23688504	CHR3:23688504	SSF x Far_LoA	-10,9075343	0,038	0,312
CHR3	23688542	CHR3:23688542	SSF x Far_LoA	-10,4970608	-0,059	0,314
CHR3	23688547	CHR3:23688547	SSF x Far_LoA	-9,86109628	-0,071	0,301
CHR3	236930	CHR3:236930	SSF x Far_LoA	-8,64406257	0,084	0,307
CHR3	236993	CHR3:236993	SSF x Far_LoA	-9,54952555	0,099	0,301
CHR3	23700422	CHR3:23700422	SSF x Far_LoA	-8,65077888	0,073	0,308
CHR3	23700569	CHR3:23700569	SSF x Far_LoA	-7,85775817	-0,101	0,298
CHR3	23700591	CHR3:23700591	SSF x Far_LoA	-7,81860451	0,071	0,293
CHR3	23700601	CHR3:23700601	SSF x Far_LoA	-7,2330357	0,010	0,290
CHR3	23700650	CHR3:23700650	SSF x Far_LoA	-10,3833206	0,015	0,308
CHR3	23700685	CHR3:23700685	SSF x Far_LoA	-10,2508536	-0,048	0,310
CHR3	23705268	CHR3:23705268	SSF x Far_LoA	-9,92901415	0,139	0,306
CHR3	23705474	CHR3:23705474	SSF x Far_LoA	-11,5141304	0,078	0,294
CHR3	23705529	CHR3:23705529	SSF x Far_LoA	-12,1730631	0,057	0,303
CHR3	237060	CHR3:237060	SSF x Far_LoA	-7,98337909	0,052	0,311
CHR3	23709405	CHR3:23709405	SSF x Far_LoA	-7,55753437	0,059	0,302
CHR3	23717131	CHR3:23717131	SSF x Far_LoA	-8,62546644	-0,092	0,296
CHR3	23720447	CHR3:23720447	SSF x Far_LoA	-5,50886089	0,034	0,306

CHR3	23720452	CHR3:23720452	SSF x Far_LoA	-10,107408	0,014	0,317
CHR3	23720454	CHR3:23720454	SSF x Far_LoA	-7,01659564	0,006	0,321
CHR3	23720485	CHR3:23720485	SSF x Far_LoA	-9,53847282	-0,020	0,318
CHR3	23720494	CHR3:23720494	SSF x Far_LoA	-9,74895273	-0,048	0,302
CHR3	23720513	CHR3:23720513	SSF x Far_LoA	-10,4132156	0,008	0,316
CHR3	23720546	CHR3:23720546	SSF x Far_LoA	-9,72478783	-0,035	0,308
CHR3	23740345	CHR3:23740345	SSF x Far_LoA	-8,98048557	-0,041	0,305
CHR3	23740444	CHR3:23740444	SSF x Far_LoA	-10,2472148	0,069	0,308
CHR3	23756702	CHR3:23756702	SSF x Far_LoA	-9,30952614	-0,052	0,303
CHR3	23756861	CHR3:23756861	SSF x Far_LoA	-7,80345616	0,062	0,312
CHR3	23756916	CHR3:23756916	SSF x Far_LoA	-9,31814965	0,002	0,315
CHR3	23756924	CHR3:23756924	SSF x Far_LoA	-8,61768068	-0,021	0,306
CHR3	23756971	CHR3:23756971	SSF x Far_LoA	-9,14819259	-0,042	0,312
CHR3	23766080	CHR3:23766080	SSF x Far_LoA	-7,01541825	0,177	0,307
CHR3	2377049	CHR3:2377049	SSF x Far_LoA	-8,69424647	-0,082	0,310
CHR3	2377054	CHR3:2377054	SSF x Far_LoA	-7,00950678	-0,142	0,297
CHR3	2377055	CHR3:2377055	SSF x Far_LoA	-5,06577824	-0,148	0,313
CHR3	2377069	CHR3:2377069	SSF x Far_LoA	-9,95418573	0,049	0,303
CHR3	2377099	CHR3:2377099	SSF x Far_LoA	-8,46629431	-0,024	0,299
CHR3	23772132	CHR3:23772132	SSF x Far_LoA	-3,01156998	-0,030	0,316
CHR3	23775165	CHR3:23775165	SSF x Far_LoA	-7,73655091	0,128	0,301
CHR3	23775189	CHR3:23775189	SSF x Far_LoA	-9,72736529	0,007	0,303
CHR3	23790138	CHR3:23790138	SSF x Far_LoA	-6,58245834	-0,018	0,306
CHR3	23790143	CHR3:23790143	SSF x Far_LoA	-8,92002003	0,070	0,281
CHR3	23794935	CHR3:23794935	SSF x Far_LoA	-11,3503081	0,032	0,297
CHR3	23802231	CHR3:23802231	SSF x Far_LoA	-8,31641545	0,040	0,305
CHR3	23802283	CHR3:23802283	SSF x Far_LoA	-9,14357115	0,019	0,301
CHR3	23802338	CHR3:23802338	SSF x Far_LoA	-8,7650014	0,061	0,315
CHR3	23802477	CHR3:23802477	SSF x Far_LoA	-6,03652594	0,069	0,310
CHR3	23802480	CHR3:23802480	SSF x Far_LoA	-3,91917756	-0,128	0,294
CHR3	23802493	CHR3:23802493	SSF x Far_LoA	-3,76820462	0,115	0,302
CHR3	23810491	CHR3:23810491	SSF x Far_LoA	-7,74535751	-0,057	0,306
CHR3	23811699	CHR3:23811699	SSF x Far_LoA	-10,0924248	-0,036	0,299
CHR3	23811755	CHR3:23811755	SSF x Far_LoA	-9,73172628	-0,026	0,312
CHR3	23811809	CHR3:23811809	SSF x Far_LoA	-8,65445542	0,058	0,307
CHR3	23816389	CHR3:23816389	SSF x Far_LoA	-9,83998427	-0,006	0,326
CHR3	23819040	CHR3:23819040	SSF x Far_LoA	-10,5105998	0,068	0,304
CHR3	23819101	CHR3:23819101	SSF x Far_LoA	-10,3126898	-0,003	0,321
CHR3	2382225	CHR3:2382225	SSF x Far_LoA	-9,60033458	-0,070	0,296
CHR3	2382406	CHR3:2382406	SSF x Far_LoA	-4,49114563	-0,153	0,297
CHR3	23825371	CHR3:23825371	SSF x Far_LoA	-9,24030207	-0,034	0,300
CHR3	23843353	CHR3:23843353	SSF x Far_LoA	-10,1344734	0,067	0,297
CHR3	23847370	CHR3:23847370	SSF x Far_LoA	-10,4288406	0,070	0,308
CHR3	23856470	CHR3:23856470	SSF x Far_LoA	-6,94670201	0,062	0,312
CHR3	23856521	CHR3:23856521	SSF x Far_LoA	-8,40387893	-0,040	0,305
CHR3	23856538	CHR3:23856538	SSF x Far_LoA	-11,5678216	0,012	0,308
CHR3	23856625	CHR3:23856625	SSF x Far_LoA	-11,4390471	-0,081	0,307
CHR3	23856660	CHR3:23856660	SSF x Far_LoA	-11,3177408	0,055	0,308
CHR3	23856714	CHR3:23856714	SSF x Far_LoA	-10,9678454	-0,140	0,301
CHR3	23869975	CHR3:23869975	SSF x Far_LoA	-8,3304911	-0,100	0,322
CHR3	23869985	CHR3:23869985	SSF x Far_LoA	-9,45954866	-0,075	0,309
CHR3	23883102	CHR3:23883102	SSF x Far_LoA	-8,06778332	0,082	0,298
CHR3	23886356	CHR3:23886356	SSF x Far_LoA	-7,83350321	-0,061	0,302

CHR3	23886390	CHR3:23886390	SSF x Far_LoA	-3,48920584	-0,055	0,318
CHR3	23886458	CHR3:23886458	SSF x Far_LoA	-6,23950126	0,020	0,312
CHR3	23886468	CHR3:23886468	SSF x Far_LoA	-7,3474594	-0,084	0,312
CHR3	23896046	CHR3:23896046	SSF x Far_LoA	-7,01628388	-0,151	0,290
CHR3	23896112	CHR3:23896112	SSF x Far_LoA	-10,0972338	0,013	0,303
CHR3	23896122	CHR3:23896122	SSF x Far_LoA	-7,54772122	0,012	0,297
CHR3	23896131	CHR3:23896131	SSF x Far_LoA	-10,5798241	-0,067	0,305
CHR3	23896163	CHR3:23896163	SSF x Far_LoA	-9,46824619	0,010	0,310
CHR3	23896221	CHR3:23896221	SSF x Far_LoA	-10,752488	0,007	0,303
CHR3	23896222	CHR3:23896222	SSF x Far_LoA	-9,33399376	-0,025	0,308
CHR3	23896233	CHR3:23896233	SSF x Far_LoA	-8,50573614	-0,026	0,301
CHR3	23896270	CHR3:23896270	SSF x Far_LoA	-9,56746347	0,069	0,313
CHR3	23896272	CHR3:23896272	SSF x Far_LoA	-7,82782121	-0,084	0,311
CHR3	23908532	CHR3:23908532	SSF x Far_LoA	-12,4491617	0,012	0,296
CHR3	23918937	CHR3:23918937	SSF x Far_LoA	-8,26567769	-0,153	0,313
CHR3	23918938	CHR3:23918938	SSF x Far_LoA	-7,40321893	-0,029	0,307
CHR3	23918955	CHR3:23918955	SSF x Far_LoA	-11,4563552	-0,078	0,310
CHR3	23918962	CHR3:23918962	SSF x Far_LoA	-3,21512043	-0,129	0,303
CHR3	23918965	CHR3:23918965	SSF x Far_LoA	-11,1958928	-0,124	0,294
CHR3	23918974	CHR3:23918974	SSF x Far_LoA	-8,31153251	-0,007	0,308
CHR3	23920385	CHR3:23920385	SSF x Far_LoA	-7,64352309	0,051	0,305
CHR3	23931164	CHR3:23931164	SSF x Far_LoA	-9,01996375	0,063	0,306
CHR3	23931168	CHR3:23931168	SSF x Far_LoA	-7,11469385	0,058	0,307
CHR3	2393846	CHR3:2393846	SSF x Far_LoA	-9,22300415	0,092	0,302
CHR3	23940374	CHR3:23940374	SSF x Far_LoA	-9,16520025	0,054	0,306
CHR3	23940377	CHR3:23940377	SSF x Far_LoA	-7,7388936	-0,038	0,298
CHR3	23940453	CHR3:23940453	SSF x Far_LoA	-7,57345172	0,027	0,288
CHR3	23941523	CHR3:23941523	SSF x Far_LoA	-10,2572203	-0,001	0,279
CHR3	23952348	CHR3:23952348	SSF x Far_LoA	-10,7104448	0,132	0,290
CHR3	23952361	CHR3:23952361	SSF x Far_LoA	-8,7199635	-0,049	0,309
CHR3	23952406	CHR3:23952406	SSF x Far_LoA	-8,23180769	-0,093	0,323
CHR3	23952450	CHR3:23952450	SSF x Far_LoA	-9,5580126	-0,113	0,295
CHR3	23952490	CHR3:23952490	SSF x Far_LoA	-8,86111032	0,006	0,307
CHR3	23956026	CHR3:23956026	SSF x Far_LoA	-6,71712542	0,110	0,303
CHR3	23956164	CHR3:23956164	SSF x Far_LoA	-7,95585016	0,046	0,301
CHR3	23960391	CHR3:23960391	SSF x Far_LoA	-9,32763182	-0,065	0,295
CHR3	23960434	CHR3:23960434	SSF x Far_LoA	-10,1333983	-0,045	0,308
CHR3	23963382	CHR3:23963382	SSF x Far_LoA	-7,79711579	0,062	0,304
CHR3	23965975	CHR3:23965975	SSF x Far_LoA	-11,2407972	-0,081	0,305
CHR3	23968822	CHR3:23968822	SSF x Far_LoA	-8,44742259	0,069	0,300
CHR3	23968828	CHR3:23968828	SSF x Far_LoA	-7,73462987	0,070	0,295
CHR3	23968831	CHR3:23968831	SSF x Far_LoA	-11,1758915	-0,037	0,308
CHR3	23968834	CHR3:23968834	SSF x Far_LoA	-9,08038936	0,035	0,302
CHR3	23968840	CHR3:23968840	SSF x Far_LoA	-10,4271294	0,038	0,300
CHR3	23968852	CHR3:23968852	SSF x Far_LoA	-10,7891944	0,046	0,304
CHR3	23968864	CHR3:23968864	SSF x Far_LoA	-11,1614412	0,046	0,308
CHR3	23968867	CHR3:23968867	SSF x Far_LoA	-8,1678067	0,112	0,305
CHR3	23968888	CHR3:23968888	SSF x Far_LoA	-9,63126138	0,075	0,304
CHR3	23968891	CHR3:23968891	SSF x Far_LoA	-10,1145592	0,119	0,303
CHR3	23968898	CHR3:23968898	SSF x Far_LoA	-9,02034026	0,060	0,295
CHR3	23968900	CHR3:23968900	SSF x Far_LoA	-10,5146654	0,062	0,307
CHR3	23984869	CHR3:23984869	SSF x Far_LoA	-8,21579785	-0,148	0,302
CHR3	23984904	CHR3:23984904	SSF x Far_LoA	-6,5131257	-0,185	0,306

CHR3	23984913	CHR3:23984913	SSF x Far_LoA	-8,89726073	0,041	0,308
CHR3	23984915	CHR3:23984915	SSF x Far_LoA	-5,55127192	-0,165	0,299
CHR3	23984946	CHR3:23984946	SSF x Far_LoA	-9,8534114	0,053	0,295
CHR3	23984947	CHR3:23984947	SSF x Far_LoA	-8,33506813	-0,102	0,321
CHR3	23998078	CHR3:23998078	SSF x Far_LoA	-11,9704828	0,074	0,296
CHR3	23998319	CHR3:23998319	SSF x Far_LoA	-10,2692159	-0,052	0,304
CHR3	24014514	CHR3:24014514	SSF x Far_LoA	-8,69909218	0,042	0,314
CHR3	24014517	CHR3:24014517	SSF x Far_LoA	-7,7168921	0,046	0,303
CHR3	24014604	CHR3:24014604	SSF x Far_LoA	-10,6205797	0,014	0,317
CHR3	24029044	CHR3:24029044	SSF x Far_LoA	-10,1915077	0,142	0,298
CHR3	2403030	CHR3:2403030	SSF x Far_LoA	-10,9223535	0,118	0,293
CHR3	2403178	CHR3:2403178	SSF x Far_LoA	-9,2337932	-0,036	0,309
CHR3	2403225	CHR3:2403225	SSF x Far_LoA	-8,27241838	-0,132	0,311
CHR3	24037801	CHR3:24037801	SSF x Far_LoA	-9,48191749	-0,076	0,299
CHR3	24037819	CHR3:24037819	SSF x Far_LoA	-7,46862494	0,103	0,306
CHR3	24039260	CHR3:24039260	SSF x Far_LoA	-8,77962306	-0,111	0,299
CHR3	24039277	CHR3:24039277	SSF x Far_LoA	-9,73260615	-0,073	0,309
CHR3	24053302	CHR3:24053302	SSF x Far_LoA	-4,48478526	-0,157	0,323
CHR3	24053304	CHR3:24053304	SSF x Far_LoA	-7,25983298	0,047	0,313
CHR3	24053460	CHR3:24053460	SSF x Far_LoA	-8,56201169	0,090	0,312
CHR3	24053480	CHR3:24053480	SSF x Far_LoA	-2,26629093	-0,188	0,306
CHR3	24053518	CHR3:24053518	SSF x Far_LoA	-7,10445773	-0,172	0,309
CHR3	24053534	CHR3:24053534	SSF x Far_LoA	-8,71056786	-0,109	0,308
CHR3	24058176	CHR3:24058176	SSF x Far_LoA	-10,5852908	-0,019	0,305
CHR3	24058216	CHR3:24058216	SSF x Far_LoA	-9,87493293	-0,090	0,307
CHR3	24058240	CHR3:24058240	SSF x Far_LoA	-8,46397748	-0,083	0,312
CHR3	24062675	CHR3:24062675	SSF x Far_LoA	-6,13105979	-0,079	0,316
CHR3	24067414	CHR3:24067414	SSF x Far_LoA	-4,67406457	0,112	0,301
CHR3	24067446	CHR3:24067446	SSF x Far_LoA	-11,6256836	0,069	0,298
CHR3	24068806	CHR3:24068806	SSF x Far_LoA	-9,74862711	0,123	0,291
CHR3	2406961	CHR3:2406961	SSF x Far_LoA	-5,8364191	-0,067	0,315
CHR3	2406995	CHR3:2406995	SSF x Far_LoA	0,98295384	0,007	0,313
CHR3	2407075	CHR3:2407075	SSF x Far_LoA	-9,00215805	-0,061	0,312
CHR3	24070812	CHR3:24070812	SSF x Far_LoA	-0,47877196	-0,087	0,308
CHR3	2407106	CHR3:2407106	SSF x Far_LoA	-9,61390836	0,043	0,302
CHR3	2407120	CHR3:2407120	SSF x Far_LoA	-10,3211825	0,034	0,291
CHR3	2407132	CHR3:2407132	SSF x Far_LoA	-7,93589596	-0,028	0,310
CHR3	2407162	CHR3:2407162	SSF x Far_LoA	-8,78929417	-0,042	0,301
CHR3	2407164	CHR3:2407164	SSF x Far_LoA	-7,30360541	-0,015	0,320
CHR3	2407175	CHR3:2407175	SSF x Far_LoA	-11,9545475	0,081	0,304
CHR3	2407177	CHR3:2407177	SSF x Far_LoA	-9,10757829	-0,057	0,290
CHR3	2407188	CHR3:2407188	SSF x Far_LoA	-6,02552563	-0,022	0,311
CHR3	2407232	CHR3:2407232	SSF x Far_LoA	-10,9698952	-0,034	0,303
CHR3	2407257	CHR3:2407257	SSF x Far_LoA	-10,5538108	0,010	0,319
CHR3	24073562	CHR3:24073562	SSF x Far_LoA	-3,9594812	0,024	0,296
CHR3	24073585	CHR3:24073585	SSF x Far_LoA	-8,82359592	-0,104	0,298
CHR3	24073619	CHR3:24073619	SSF x Far_LoA	-11,3327777	-0,066	0,320
CHR3	24073654	CHR3:24073654	SSF x Far_LoA	-10,2236226	-0,062	0,311
CHR3	24073696	CHR3:24073696	SSF x Far_LoA	-10,1602844	0,131	0,307
CHR3	24073742	CHR3:24073742	SSF x Far_LoA	-8,79662272	0,017	0,297
CHR3	24073743	CHR3:24073743	SSF x Far_LoA	-10,4314984	-0,018	0,298
CHR3	24073766	CHR3:24073766	SSF x Far_LoA	-8,60963551	0,058	0,306
CHR3	24073787	CHR3:24073787	SSF x Far_LoA	-11,2697168	0,008	0,308

CHR3	24073788	CHR3:24073788	SSF x Far_LoA	-11,1973494	0,010	0,308
CHR3	24077000	CHR3:24077000	SSF x Far_LoA	-11,4685231	0,062	0,298
CHR3	24077043	CHR3:24077043	SSF x Far_LoA	-10,1218598	0,107	0,304
CHR3	24085304	CHR3:24085304	SSF x Far_LoA	-7,95524424	-0,025	0,314
CHR3	24085341	CHR3:24085341	SSF x Far_LoA	-8,46709132	-0,057	0,306
CHR3	24094727	CHR3:24094727	SSF x Far_LoA	-6,7120563	0,200	0,280
CHR3	24094728	CHR3:24094728	SSF x Far_LoA	9,99658881	0,178	0,287
CHR3	24094749	CHR3:24094749	SSF x Far_LoA	-1,18849478	0,253	0,288
CHR3	24094756	CHR3:24094756	SSF x Far_LoA	-0,96775673	0,265	0,281
CHR3	24099255	CHR3:24099255	SSF x Far_LoA	-11,6183781	0,067	0,303
CHR3	24132768	CHR3:24132768	SSF x Far_LoA	-8,72011062	-0,064	0,326
CHR3	2413474	CHR3:2413474	SSF x Far_LoA	-9,62544802	-0,155	0,310
CHR3	2413592	CHR3:2413592	SSF x Far_LoA	-8,49866757	-0,041	0,308
CHR3	2413612	CHR3:2413612	SSF x Far_LoA	-8,89916275	-0,031	0,296
CHR3	24143669	CHR3:24143669	SSF x Far_LoA	-9,51420991	0,007	0,305
CHR3	24143884	CHR3:24143884	SSF x Far_LoA	-9,71383217	-0,075	0,306
CHR3	24143911	CHR3:24143911	SSF x Far_LoA	-9,37742902	0,013	0,297
CHR3	24145061	CHR3:24145061	SSF x Far_LoA	-7,88942818	0,001	0,311
CHR3	24145095	CHR3:24145095	SSF x Far_LoA	-8,90138027	0,007	0,307
CHR3	24145134	CHR3:24145134	SSF x Far_LoA	-8,19363868	-0,096	0,304
CHR3	24145177	CHR3:24145177	SSF x Far_LoA	-8,71038007	-0,007	0,316
CHR3	24145183	CHR3:24145183	SSF x Far_LoA	-9,42855886	0,046	0,311
CHR3	24149434	CHR3:24149434	SSF x Far_LoA	-9,31575752	-0,028	0,315
CHR3	24149504	CHR3:24149504	SSF x Far_LoA	-8,5662361	-0,066	0,309
CHR3	24149506	CHR3:24149506	SSF x Far_LoA	-8,25394024	-0,006	0,328
CHR3	24149529	CHR3:24149529	SSF x Far_LoA	-10,2468161	0,000	0,311
CHR3	24149538	CHR3:24149538	SSF x Far_LoA	-10,0501055	-0,034	0,307
CHR3	24149592	CHR3:24149592	SSF x Far_LoA	-9,93160443	0,004	0,307
CHR3	24149702	CHR3:24149702	SSF x Far_LoA	-8,77558769	0,019	0,315
CHR3	24149741	CHR3:24149741	SSF x Far_LoA	-8,3975631	0,008	0,312
CHR3	24153509	CHR3:24153509	SSF x Far_LoA	-8,78015342	0,072	0,305
CHR3	24156097	CHR3:24156097	SSF x Far_LoA	-10,1148852	0,158	0,299
CHR3	24156315	CHR3:24156315	SSF x Far_LoA	-7,83614822	0,126	0,301
CHR3	24168770	CHR3:24168770	SSF x Far_LoA	-9,07165686	0,037	0,301
CHR3	24168980	CHR3:24168980	SSF x Far_LoA	-7,21967474	-0,183	0,285
CHR3	24169061	CHR3:24169061	SSF x Far_LoA	-5,57106385	0,101	0,313
CHR3	24169090	CHR3:24169090	SSF x Far_LoA	-9,13766709	-0,046	0,308
CHR3	24214240	CHR3:24214240	SSF x Far_LoA	-10,4302991	0,002	0,302
CHR3	24214283	CHR3:24214283	SSF x Far_LoA	-7,69575102	0,121	0,299
CHR3	2421935	CHR3:2421935	SSF x Far_LoA	-10,2117295	0,055	0,299
CHR3	2421972	CHR3:2421972	SSF x Far_LoA	-9,88549211	-0,092	0,309
CHR3	2422037	CHR3:2422037	SSF x Far_LoA	-10,7241098	-0,066	0,320
CHR3	24226389	CHR3:24226389	SSF x Far_LoA	-11,5434826	0,083	0,307
CHR3	24226449	CHR3:24226449	SSF x Far_LoA	-6,80200855	0,022	0,308
CHR3	24226540	CHR3:24226540	SSF x Far_LoA	-9,89664063	-0,092	0,304
CHR3	2424348	CHR3:2424348	SSF x Far_LoA	-9,02705698	0,052	0,312
CHR3	2424381	CHR3:2424381	SSF x Far_LoA	-9,38776984	-0,006	0,318
CHR3	2424435	CHR3:2424435	SSF x Far_LoA	-10,3789926	-0,033	0,305
CHR3	24247170	CHR3:24247170	SSF x Far_LoA	-9,97342177	-0,003	0,323
CHR3	24247173	CHR3:24247173	SSF x Far_LoA	-10,9379443	-0,003	0,299
CHR3	24247174	CHR3:24247174	SSF x Far_LoA	-9,10389902	-0,070	0,306
CHR3	24247176	CHR3:24247176	SSF x Far_LoA	-7,65121071	0,057	0,306
CHR3	24247226	CHR3:24247226	SSF x Far_LoA	-9,81558965	-0,111	0,302

CHR3	24247227	CHR3:24247227	SSF x Far_LoA	-11,0950515	0,014	0,300
CHR3	24247386	CHR3:24247386	SSF x Far_LoA	-11,1699784	0,018	0,295
CHR3	24247421	CHR3:24247421	SSF x Far_LoA	-10,3636614	0,091	0,285
CHR3	24247427	CHR3:24247427	SSF x Far_LoA	-9,40778304	-0,033	0,303
CHR3	24255383	CHR3:24255383	SSF x Far_LoA	-6,77553714	-0,101	0,297
CHR3	24255447	CHR3:24255447	SSF x Far_LoA	-8,63840615	-0,087	0,307
CHR3	24255454	CHR3:24255454	SSF x Far_LoA	-8,01152853	-0,042	0,296
CHR3	24255459	CHR3:24255459	SSF x Far_LoA	-8,71599917	-0,065	0,309
CHR3	24260766	CHR3:24260766	SSF x Far_LoA	-10,032839	0,118	0,298
CHR3	24262062	CHR3:24262062	SSF x Far_LoA	-9,03022704	-0,053	0,306
CHR3	24262138	CHR3:24262138	SSF x Far_LoA	-9,31271686	0,021	0,308
CHR3	24262168	CHR3:24262168	SSF x Far_LoA	-8,56341147	0,116	0,306
CHR3	24274529	CHR3:24274529	SSF x Far_LoA	-9,90619132	0,024	0,308
CHR3	24274598	CHR3:24274598	SSF x Far_LoA	-9,66121592	0,050	0,303
CHR3	24280251	CHR3:24280251	SSF x Far_LoA	-10,0653913	0,072	0,304
CHR3	24280266	CHR3:24280266	SSF x Far_LoA	-6,81613603	-0,059	0,306
CHR3	24280513	CHR3:24280513	SSF x Far_LoA	-9,27756235	0,037	0,313
CHR3	24280596	CHR3:24280596	SSF x Far_LoA	-2,94761634	0,040	0,327
CHR3	24287911	CHR3:24287911	SSF x Far_LoA	-9,92685962	-0,006	0,304
CHR3	24288143	CHR3:24288143	SSF x Far_LoA	-12,1639612	0,072	0,284
CHR3	24290226	CHR3:24290226	SSF x Far_LoA	-8,27337464	-0,133	0,294
CHR3	24290307	CHR3:24290307	SSF x Far_LoA	-11,1258355	-0,083	0,302
CHR3	24300391	CHR3:24300391	SSF x Far_LoA	-7,98563097	0,102	0,293
CHR3	24300425	CHR3:24300425	SSF x Far_LoA	-10,2454336	-0,098	0,314
CHR3	24303630	CHR3:24303630	SSF x Far_LoA	-9,52445573	-0,021	0,317
CHR3	24303649	CHR3:24303649	SSF x Far_LoA	-8,34494059	-0,071	0,306
CHR3	24306829	CHR3:24306829	SSF x Far_LoA	-0,55448547	0,021	0,301
CHR3	24306830	CHR3:24306830	SSF x Far_LoA	-10,0867506	-0,044	0,298
CHR3	24320927	CHR3:24320927	SSF x Far_LoA	-9,69223144	0,029	0,296
CHR3	24331425	CHR3:24331425	SSF x Far_LoA	-6,87543899	-0,091	0,301
CHR3	24331438	CHR3:24331438	SSF x Far_LoA	-8,7424341	-0,070	0,300
CHR3	24331467	CHR3:24331467	SSF x Far_LoA	-6,35881116	-0,156	0,300
CHR3	24339888	CHR3:24339888	SSF x Far_LoA	-9,00625618	-0,112	0,284
CHR3	24344693	CHR3:24344693	SSF x Far_LoA	-7,76317144	-0,110	0,285
CHR3	24344708	CHR3:24344708	SSF x Far_LoA	-6,33121983	-0,067	0,305
CHR3	24344741	CHR3:24344741	SSF x Far_LoA	-11,2275196	-0,005	0,316
CHR3	24344742	CHR3:24344742	SSF x Far_LoA	-7,83833912	-0,087	0,295
CHR3	24344751	CHR3:24344751	SSF x Far_LoA	-8,05253203	-0,123	0,297
CHR3	24344757	CHR3:24344757	SSF x Far_LoA	-10,8365537	-0,050	0,312
CHR3	24344805	CHR3:24344805	SSF x Far_LoA	-8,06836136	0,015	0,310
CHR3	24344891	CHR3:24344891	SSF x Far_LoA	-7,94783855	-0,133	0,291
CHR3	24344934	CHR3:24344934	SSF x Far_LoA	-10,3046237	-0,105	0,311
CHR3	24350418	CHR3:24350418	SSF x Far_LoA	-9,64932448	-0,001	0,300
CHR3	24350464	CHR3:24350464	SSF x Far_LoA	-11,0555667	-0,008	0,306
CHR3	24350535	CHR3:24350535	SSF x Far_LoA	-11,5367324	-0,038	0,310
CHR3	24356241	CHR3:24356241	SSF x Far_LoA	-10,2261065	-0,043	0,322
CHR3	24360724	CHR3:24360724	SSF x Far_LoA	-6,91343701	0,109	0,300
CHR3	24360728	CHR3:24360728	SSF x Far_LoA	-8,14880953	0,114	0,287
CHR3	24360763	CHR3:24360763	SSF x Far_LoA	-8,76467157	0,104	0,289
CHR3	24360776	CHR3:24360776	SSF x Far_LoA	-8,89963202	0,072	0,300
CHR3	2436834	CHR3:2436834	SSF x Far_LoA	-8,36674047	-0,010	0,317
CHR3	2436836	CHR3:2436836	SSF x Far_LoA	-9,04133202	0,020	0,306
CHR3	2436853	CHR3:2436853	SSF x Far_LoA	-10,9962608	0,039	0,312

CHR3	2436854	CHR3:2436854	SSF x Far_LoA	-8,84139333	0,084	0,312
CHR3	2436878	CHR3:2436878	SSF x Far_LoA	-10,1498427	-0,057	0,317
CHR3	2436904	CHR3:2436904	SSF x Far_LoA	-8,87662717	-0,069	0,298
CHR3	24371526	CHR3:24371526	SSF x Far_LoA	-7,33926956	-0,087	0,303
CHR3	24371654	CHR3:24371654	SSF x Far_LoA	-9,32893883	-0,065	0,317
CHR3	24371664	CHR3:24371664	SSF x Far_LoA	-7,93611596	-0,114	0,301
CHR3	24376859	CHR3:24376859	SSF x Far_LoA	-10,4999007	0,031	0,312
CHR3	24386674	CHR3:24386674	SSF x Far_LoA	-11,3429086	-0,011	0,303
CHR3	24417441	CHR3:24417441	SSF x Far_LoA	-8,21649863	0,024	0,297
CHR3	24418031	CHR3:24418031	SSF x Far_LoA	-3,49412569	0,098	0,301
CHR3	24418131	CHR3:24418131	SSF x Far_LoA	-7,92599386	0,093	0,306
CHR3	24457335	CHR3:24457335	SSF x Far_LoA	-12,0522923	0,032	0,298
CHR3	24457389	CHR3:24457389	SSF x Far_LoA	-7,05576355	0,123	0,293
CHR3	24457397	CHR3:24457397	SSF x Far_LoA	-8,65861756	0,053	0,302
CHR3	24467144	CHR3:24467144	SSF x Far_LoA	-8,61734948	-0,030	0,300
CHR3	24467161	CHR3:24467161	SSF x Far_LoA	-10,0728401	0,007	0,315
CHR3	24477222	CHR3:24477222	SSF x Far_LoA	-8,79297121	-0,030	0,302
CHR3	24477395	CHR3:24477395	SSF x Far_LoA	-11,6750307	0,008	0,310
CHR3	24477500	CHR3:24477500	SSF x Far_LoA	-8,53149725	-0,075	0,301
CHR3	24477510	CHR3:24477510	SSF x Far_LoA	-7,85725673	-0,091	0,306
CHR3	24498634	CHR3:24498634	SSF x Far_LoA	-8,6637357	0,057	0,290
CHR3	24498648	CHR3:24498648	SSF x Far_LoA	-6,28120654	-0,075	0,300
CHR3	244997	CHR3:244997	SSF x Far_LoA	-10,0972524	-0,105	0,298
CHR3	24507301	CHR3:24507301	SSF x Far_LoA	-8,49050488	0,113	0,303
CHR3	24515127	CHR3:24515127	SSF x Far_LoA	-5,19005382	0,103	0,313
CHR3	24515145	CHR3:24515145	SSF x Far_LoA	-10,1569889	0,016	0,312
CHR3	24515189	CHR3:24515189	SSF x Far_LoA	5,78342214	0,058	0,324
CHR3	24515191	CHR3:24515191	SSF x Far_LoA	-7,89664761	-0,102	0,303
CHR3	24515200	CHR3:24515200	SSF x Far_LoA	-10,7369557	-0,017	0,303
CHR3	24515213	CHR3:24515213	SSF x Far_LoA	-2,46600298	0,071	0,309
CHR3	24515264	CHR3:24515264	SSF x Far_LoA	-6,72185498	0,167	0,292
CHR3	245165	CHR3:245165	SSF x Far_LoA	-10,7466633	-0,037	0,317
CHR3	24518546	CHR3:24518546	SSF x Far_LoA	-0,43449205	0,052	0,300
CHR3	24518568	CHR3:24518568	SSF x Far_LoA	-9,33384535	0,100	0,303
CHR3	24518767	CHR3:24518767	SSF x Far_LoA	-11,381804	0,043	0,303
CHR3	245209	CHR3:245209	SSF x Far_LoA	-11,2661301	0,130	0,296
CHR3	24525382	CHR3:24525382	SSF x Far_LoA	-9,1248023	0,117	0,301
CHR3	24542378	CHR3:24542378	SSF x Far_LoA	-8,36770363	-0,108	0,294
CHR3	24542384	CHR3:24542384	SSF x Far_LoA	-10,1172251	-0,126	0,307
CHR3	24542385	CHR3:24542385	SSF x Far_LoA	-8,59241991	-0,140	0,297
CHR3	24542390	CHR3:24542390	SSF x Far_LoA	-8,5360338	-0,151	0,298
CHR3	24542415	CHR3:24542415	SSF x Far_LoA	-4,84977228	0,134	0,297
CHR3	24551525	CHR3:24551525	SSF x Far_LoA	-10,1383486	-0,053	0,293
CHR3	24551583	CHR3:24551583	SSF x Far_LoA	-9,05709046	-0,062	0,298
CHR3	24554261	CHR3:24554261	SSF x Far_LoA	-8,58846813	-0,031	0,325
CHR3	24558077	CHR3:24558077	SSF x Far_LoA	-9,70611856	-0,138	0,302
CHR3	24558105	CHR3:24558105	SSF x Far_LoA	-9,75116403	-0,118	0,301
CHR3	24562701	CHR3:24562701	SSF x Far_LoA	-10,3907421	-0,061	0,309
CHR3	24562749	CHR3:24562749	SSF x Far_LoA	-8,22638756	0,152	0,297
CHR3	24563948	CHR3:24563948	SSF x Far_LoA	-8,90375836	0,127	0,284
CHR3	24564071	CHR3:24564071	SSF x Far_LoA	-8,41406619	0,079	0,299
CHR3	24564084	CHR3:24564084	SSF x Far_LoA	-9,97772195	-0,100	0,305
CHR3	24564087	CHR3:24564087	SSF x Far_LoA	-7,91628639	-0,148	0,293

CHR3	2456445	CHR3:2456445	SSF x Far_LoA	-9,58681946	-0,026	0,295
CHR3	24575445	CHR3:24575445	SSF x Far_LoA	-11,391632	-0,035	0,307
CHR3	24575470	CHR3:24575470	SSF x Far_LoA	-11,1837337	0,051	0,293
CHR3	24575528	CHR3:24575528	SSF x Far_LoA	-8,16777872	-0,047	0,302
CHR3	24575593	CHR3:24575593	SSF x Far_LoA	-9,0433205	0,121	0,297
CHR3	24585541	CHR3:24585541	SSF x Far_LoA	-9,23006247	-0,026	0,312
CHR3	24586843	CHR3:24586843	SSF x Far_LoA	-9,94373668	-0,104	0,312
CHR3	24586844	CHR3:24586844	SSF x Far_LoA	-5,77009943	-0,111	0,311
CHR3	24586848	CHR3:24586848	SSF x Far_LoA	-8,61144965	-0,107	0,308
CHR3	24586850	CHR3:24586850	SSF x Far_LoA	-10,2349044	-0,089	0,307
CHR3	24586851	CHR3:24586851	SSF x Far_LoA	-9,01858702	-0,100	0,315
CHR3	24586852	CHR3:24586852	SSF x Far_LoA	-7,2696065	-0,076	0,302
CHR3	24586897	CHR3:24586897	SSF x Far_LoA	-9,57927274	0,023	0,289
CHR3	24586898	CHR3:24586898	SSF x Far_LoA	-8,95388937	0,038	0,313
CHR3	24586957	CHR3:24586957	SSF x Far_LoA	-7,76641944	0,081	0,301
CHR3	24586969	CHR3:24586969	SSF x Far_LoA	-10,4307316	-0,009	0,312
CHR3	24590064	CHR3:24590064	SSF x Far_LoA	-9,47682442	-0,098	0,282
CHR3	24590141	CHR3:24590141	SSF x Far_LoA	-10,2952103	-0,051	0,299
CHR3	24591605	CHR3:24591605	SSF x Far_LoA	-8,76668049	-0,046	0,307
CHR3	24594305	CHR3:24594305	SSF x Far_LoA	-10,3766741	0,016	0,307
CHR3	24594310	CHR3:24594310	SSF x Far_LoA	-3,3958654	0,070	0,319
CHR3	24598196	CHR3:24598196	SSF x Far_LoA	-8,79331041	0,083	0,306
CHR3	24610291	CHR3:24610291	SSF x Far_LoA	-8,44813928	-0,030	0,309
CHR3	24616613	CHR3:24616613	SSF x Far_LoA	-12,0748996	0,016	0,311
CHR3	24621713	CHR3:24621713	SSF x Far_LoA	-10,7670074	-0,033	0,311
CHR3	24632513	CHR3:24632513	SSF x Far_LoA	-7,93286941	-0,101	0,304
CHR3	24632527	CHR3:24632527	SSF x Far_LoA	-10,0997348	0,062	0,287
CHR3	24632995	CHR3:24632995	SSF x Far_LoA	-7,12126949	-0,011	0,302
CHR3	24636578	CHR3:24636578	SSF x Far_LoA	-9,8463394	0,037	0,314
CHR3	24642603	CHR3:24642603	SSF x Far_LoA	-9,39576614	0,003	0,304
CHR3	2465000	CHR3:2465000	SSF x Far_LoA	-11,2362957	-0,007	0,306
CHR3	24650517	CHR3:24650517	SSF x Far_LoA	-9,49393803	-0,087	0,288
CHR3	24650567	CHR3:24650567	SSF x Far_LoA	-8,70331125	-0,161	0,299
CHR3	24650701	CHR3:24650701	SSF x Far_LoA	-9,86468032	0,128	0,305
CHR3	2465146	CHR3:2465146	SSF x Far_LoA	-10,0348686	-0,010	0,312
CHR3	2465277	CHR3:2465277	SSF x Far_LoA	-10,148578	-0,042	0,291
CHR3	24656174	CHR3:24656174	SSF x Far_LoA	-7,78865498	-0,042	0,299
CHR3	24656367	CHR3:24656367	SSF x Far_LoA	-9,86178845	0,045	0,282
CHR3	24656385	CHR3:24656385	SSF x Far_LoA	-8,4240284	-0,015	0,300
CHR3	24672219	CHR3:24672219	SSF x Far_LoA	-7,24622452	-0,118	0,314
CHR3	24672225	CHR3:24672225	SSF x Far_LoA	-6,36721903	-0,100	0,318
CHR3	24672261	CHR3:24672261	SSF x Far_LoA	-7,45245052	-0,118	0,293
CHR3	24672273	CHR3:24672273	SSF x Far_LoA	-5,77019043	-0,133	0,301
CHR3	24685039	CHR3:24685039	SSF x Far_LoA	-7,50839991	0,101	0,329
CHR3	24685068	CHR3:24685068	SSF x Far_LoA	-7,7588256	0,122	0,306
CHR3	24685093	CHR3:24685093	SSF x Far_LoA	-7,15179489	0,153	0,315
CHR3	24685094	CHR3:24685094	SSF x Far_LoA	-4,19616372	0,186	0,299
CHR3	24686731	CHR3:24686731	SSF x Far_LoA	-6,32827463	-0,091	0,318
CHR3	24686743	CHR3:24686743	SSF x Far_LoA	-7,52445792	-0,056	0,308
CHR3	24686747	CHR3:24686747	SSF x Far_LoA	-6,62650492	-0,073	0,314
CHR3	24695924	CHR3:24695924	SSF x Far_LoA	-8,06969261	-0,090	0,317
CHR3	24699523	CHR3:24699523	SSF x Far_LoA	-11,5061437	0,033	0,306
CHR3	24700988	CHR3:24700988	SSF x Far_LoA	-5,78135479	0,084	0,310

CHR3	2470307	CHR3:2470307	SSF x Far_LoA	-9,12798317	0,003	0,300
CHR3	2470360	CHR3:2470360	SSF x Far_LoA	-9,45818225	0,069	0,294
CHR3	2470383	CHR3:2470383	SSF x Far_LoA	-8,80096797	0,097	0,311
CHR3	2470412	CHR3:2470412	SSF x Far_LoA	-8,31007245	-0,123	0,304
CHR3	2470420	CHR3:2470420	SSF x Far_LoA	-8,35661919	-0,121	0,289
CHR3	24713270	CHR3:24713270	SSF x Far_LoA	-7,26994387	0,103	0,311
CHR3	24713289	CHR3:24713289	SSF x Far_LoA	-8,39552717	-0,079	0,307
CHR3	24713316	CHR3:24713316	SSF x Far_LoA	-11,4759485	-0,106	0,288
CHR3	24713321	CHR3:24713321	SSF x Far_LoA	-8,83311932	0,106	0,295
CHR3	24717304	CHR3:24717304	SSF x Far_LoA	-9,0741677	0,031	0,310
CHR3	24717326	CHR3:24717326	SSF x Far_LoA	-8,18934174	-0,120	0,316
CHR3	24717353	CHR3:24717353	SSF x Far_LoA	-9,00998193	-0,029	0,310
CHR3	24717383	CHR3:24717383	SSF x Far_LoA	-8,96564443	0,000	0,313
CHR3	24717969	CHR3:24717969	SSF x Far_LoA	-6,62680274	0,107	0,306
CHR3	24717978	CHR3:24717978	SSF x Far_LoA	-9,57325597	0,004	0,324
CHR3	24726992	CHR3:24726992	SSF x Far_LoA	-10,2257091	-0,083	0,299
CHR3	24727052	CHR3:24727052	SSF x Far_LoA	-10,4204229	0,082	0,313
CHR3	24727087	CHR3:24727087	SSF x Far_LoA	-9,99013409	-0,108	0,314
CHR3	24727101	CHR3:24727101	SSF x Far_LoA	-10,284989	0,061	0,302
CHR3	24727117	CHR3:24727117	SSF x Far_LoA	-8,9308974	0,045	0,297
CHR3	24727120	CHR3:24727120	SSF x Far_LoA	-9,35158979	-0,052	0,313
CHR3	24727175	CHR3:24727175	SSF x Far_LoA	-7,33107142	0,126	0,324
CHR3	24727181	CHR3:24727181	SSF x Far_LoA	-7,70370105	0,136	0,302
CHR3	24727202	CHR3:24727202	SSF x Far_LoA	-9,56633267	-0,088	0,311
CHR3	2474915	CHR3:2474915	SSF x Far_LoA	-10,005379	-0,010	0,316
CHR3	24783740	CHR3:24783740	SSF x Far_LoA	-0,41265503	-0,030	0,297
CHR3	24784037	CHR3:24784037	SSF x Far_LoA	-3,03859871	-0,151	0,297
CHR3	24791166	CHR3:24791166	SSF x Far_LoA	-9,27647311	-0,056	0,298
CHR3	24819676	CHR3:24819676	SSF x Far_LoA	-9,37792048	-0,022	0,321
CHR3	24819712	CHR3:24819712	SSF x Far_LoA	-7,11274878	-0,101	0,316
CHR3	24819767	CHR3:24819767	SSF x Far_LoA	-9,28386263	-0,076	0,308
CHR3	24830784	CHR3:24830784	SSF x Far_LoA	-9,7950009	-0,025	0,309
CHR3	24830819	CHR3:24830819	SSF x Far_LoA	-11,3426757	-0,011	0,304
CHR3	24831063	CHR3:24831063	SSF x Far_LoA	-5,54167777	-0,144	0,310
CHR3	24835789	CHR3:24835789	SSF x Far_LoA	-10,8113128	-0,059	0,308
CHR3	24840431	CHR3:24840431	SSF x Far_LoA	-8,74287651	-0,089	0,303
CHR3	24840445	CHR3:24840445	SSF x Far_LoA	-9,14528865	-0,092	0,308
CHR3	24840544	CHR3:24840544	SSF x Far_LoA	-7,94283447	-0,047	0,322
CHR3	24851927	CHR3:24851927	SSF x Far_LoA	-10,4549329	-0,050	0,287
CHR3	24851941	CHR3:24851941	SSF x Far_LoA	-8,89824521	-0,037	0,298
CHR3	24852006	CHR3:24852006	SSF x Far_LoA	-9,32805798	-0,047	0,296
CHR3	24852020	CHR3:24852020	SSF x Far_LoA	-8,66955885	-0,034	0,295
CHR3	24852032	CHR3:24852032	SSF x Far_LoA	-8,79612331	-0,055	0,285
CHR3	24852059	CHR3:24852059	SSF x Far_LoA	-8,6608779	-0,031	0,301
CHR3	24852107	CHR3:24852107	SSF x Far_LoA	-11,6127615	-0,009	0,305
CHR3	24852288	CHR3:24852288	SSF x Far_LoA	-9,7416986	-0,041	0,284
CHR3	24853957	CHR3:24853957	SSF x Far_LoA	-10,3435286	-0,011	0,291
CHR3	24864957	CHR3:24864957	SSF x Far_LoA	-10,7715992	0,052	0,303
CHR3	24899667	CHR3:24899667	SSF x Far_LoA	-5,72173318	0,048	0,303
CHR3	24899834	CHR3:24899834	SSF x Far_LoA	-8,08608706	0,071	0,312
CHR3	24904418	CHR3:24904418	SSF x Far_LoA	-6,96676061	-0,130	0,316
CHR3	24905160	CHR3:24905160	SSF x Far_LoA	-11,6561862	-0,059	0,313
CHR3	24905205	CHR3:24905205	SSF x Far_LoA	-8,05101029	0,076	0,302

CHR3	24912347	CHR3:24912347	SSF x Far_LoA	-8,85189538	0,030	0,327
CHR3	24912366	CHR3:24912366	SSF x Far_LoA	-9,39193188	0,052	0,319
CHR3	24912389	CHR3:24912389	SSF x Far_LoA	-10,6011824	-0,015	0,302
CHR3	24912493	CHR3:24912493	SSF x Far_LoA	-10,2671096	0,097	0,305
CHR3	24925500	CHR3:24925500	SSF x Far_LoA	-10,028984	0,011	0,292
CHR3	24925517	CHR3:24925517	SSF x Far_LoA	-9,94496835	0,059	0,296
CHR3	24925541	CHR3:24925541	SSF x Far_LoA	-9,34634439	0,100	0,304
CHR3	24925586	CHR3:24925586	SSF x Far_LoA	-10,8380724	-0,112	0,299
CHR3	24925619	CHR3:24925619	SSF x Far_LoA	-9,54146446	0,039	0,298
CHR3	24925667	CHR3:24925667	SSF x Far_LoA	-9,29144573	-0,060	0,305
CHR3	24925691	CHR3:24925691	SSF x Far_LoA	-9,94108499	-0,132	0,303
CHR3	24945979	CHR3:24945979	SSF x Far_LoA	-9,09771493	-0,021	0,312
CHR3	24948194	CHR3:24948194	SSF x Far_LoA	-10,05202	-0,061	0,301
CHR3	24948198	CHR3:24948198	SSF x Far_LoA	-7,6229602	0,034	0,307
CHR3	24948227	CHR3:24948227	SSF x Far_LoA	-10,38496	0,034	0,317
CHR3	24948232	CHR3:24948232	SSF x Far_LoA	-9,93554988	-0,096	0,292
CHR3	24948239	CHR3:24948239	SSF x Far_LoA	-5,71362268	-0,061	0,299
CHR3	24949171	CHR3:24949171	SSF x Far_LoA	-10,4302304	-0,058	0,312
CHR3	24949177	CHR3:24949177	SSF x Far_LoA	-6,62018831	0,160	0,295
CHR3	24949251	CHR3:24949251	SSF x Far_LoA	-9,23498734	0,005	0,303
CHR3	24949261	CHR3:24949261	SSF x Far_LoA	-6,22111983	0,168	0,296
CHR3	2495029	CHR3:2495029	SSF x Far_LoA	-8,21940886	0,135	0,290
CHR3	24968675	CHR3:24968675	SSF x Far_LoA	-9,69522784	-0,053	0,300
CHR3	24984203	CHR3:24984203	SSF x Far_LoA	-9,7733988	0,062	0,296
CHR3	24984223	CHR3:24984223	SSF x Far_LoA	-9,86092066	0,099	0,287
CHR3	24984256	CHR3:24984256	SSF x Far_LoA	-5,7292889	0,053	0,311
CHR3	24985412	CHR3:24985412	SSF x Far_LoA	-10,2290912	-0,117	0,310
CHR3	24988833	CHR3:24988833	SSF x Far_LoA	-10,988318	-0,051	0,299
CHR3	25008293	CHR3:25008293	SSF x Far_LoA	-9,22918849	-0,040	0,304
CHR3	25016403	CHR3:25016403	SSF x Far_LoA	-8,72360288	-0,114	0,306
CHR3	25018042	CHR3:25018042	SSF x Far_LoA	-9,55894334	-0,044	0,298
CHR3	25018091	CHR3:25018091	SSF x Far_LoA	-9,79883331	-0,067	0,308
CHR3	2504457	CHR3:2504457	SSF x Far_LoA	-10,0378858	0,066	0,308
CHR3	25052121	CHR3:25052121	SSF x Far_LoA	-12,0667038	0,061	0,296
CHR3	25059625	CHR3:25059625	SSF x Far_LoA	-9,46955212	-0,067	0,301
CHR3	25059804	CHR3:25059804	SSF x Far_LoA	-8,53084287	0,116	0,298
CHR3	25059825	CHR3:25059825	SSF x Far_LoA	-2,60526952	0,117	0,305
CHR3	25073453	CHR3:25073453	SSF x Far_LoA	-6,31274426	0,028	0,307
CHR3	25073460	CHR3:25073460	SSF x Far_LoA	-10,178544	-0,022	0,309
CHR3	25073537	CHR3:25073537	SSF x Far_LoA	-10,5519628	0,023	0,306
CHR3	25073564	CHR3:25073564	SSF x Far_LoA	-6,50875398	-0,041	0,302
CHR3	25073640	CHR3:25073640	SSF x Far_LoA	-9,82250634	-0,084	0,318
CHR3	2507585	CHR3:2507585	SSF x Far_LoA	-10,3470268	-0,085	0,302
CHR3	2507587	CHR3:2507587	SSF x Far_LoA	-8,98791214	0,067	0,310
CHR3	2507623	CHR3:2507623	SSF x Far_LoA	-11,2834665	-0,090	0,300
CHR3	2507845	CHR3:2507845	SSF x Far_LoA	-7,92392133	0,036	0,322
CHR3	250821	CHR3:250821	SSF x Far_LoA	-7,93937575	-0,048	0,322
CHR3	25083301	CHR3:25083301	SSF x Far_LoA	-8,73509106	-0,042	0,300
CHR3	25083333	CHR3:25083333	SSF x Far_LoA	-8,65690134	-0,019	0,302
CHR3	25083487	CHR3:25083487	SSF x Far_LoA	3,42473899	0,091	0,306
CHR3	250837	CHR3:250837	SSF x Far_LoA	-8,86732924	-0,066	0,303
CHR3	25084714	CHR3:25084714	SSF x Far_LoA	-10,9007217	0,039	0,297
CHR3	25084728	CHR3:25084728	SSF x Far_LoA	-8,20410639	-0,039	0,299

CHR3	25084860	CHR3:25084860	SSF x Far_LoA	-9,42660193	-0,018	0,307
CHR3	25084900	CHR3:25084900	SSF x Far_LoA	-8,88280716	-0,020	0,311
CHR3	25097590	CHR3:25097590	SSF x Far_LoA	-7,92817502	-0,169	0,302
CHR3	25097651	CHR3:25097651	SSF x Far_LoA	13,5114741	-0,047	0,312
CHR3	25097695	CHR3:25097695	SSF x Far_LoA	-4,14587418	-0,055	0,313
CHR3	25097711	CHR3:25097711	SSF x Far_LoA	-5,07782305	0,107	0,308
CHR3	251048	CHR3:251048	SSF x Far_LoA	-11,4139742	0,082	0,299
CHR3	25126572	CHR3:25126572	SSF x Far_LoA	-11,773266	0,020	0,296
CHR3	25143788	CHR3:25143788	SSF x Far_LoA	-9,88189032	-0,001	0,287
CHR3	25143959	CHR3:25143959	SSF x Far_LoA	-10,0849745	-0,068	0,300
CHR3	2514783	CHR3:2514783	SSF x Far_LoA	-8,39578199	0,087	0,304
CHR3	2514816	CHR3:2514816	SSF x Far_LoA	-9,20909277	-0,040	0,308
CHR3	25162387	CHR3:25162387	SSF x Far_LoA	-7,23744824	-0,032	0,298
CHR3	25168073	CHR3:25168073	SSF x Far_LoA	-9,69474896	-0,043	0,316
CHR3	25168190	CHR3:25168190	SSF x Far_LoA	-7,73369969	-0,170	0,300
CHR3	25174763	CHR3:25174763	SSF x Far_LoA	-9,5379014	0,044	0,314
CHR3	25176629	CHR3:25176629	SSF x Far_LoA	-8,91119172	0,009	0,311
CHR3	25182273	CHR3:25182273	SSF x Far_LoA	-6,55458743	-0,056	0,322
CHR3	25184091	CHR3:25184091	SSF x Far_LoA	-9,69596047	0,062	0,303
CHR3	25184138	CHR3:25184138	SSF x Far_LoA	-9,90307248	0,056	0,305
CHR3	25194461	CHR3:25194461	SSF x Far_LoA	-11,5636401	0,093	0,300
CHR3	25194463	CHR3:25194463	SSF x Far_LoA	-9,45908447	0,070	0,306
CHR3	25194486	CHR3:25194486	SSF x Far_LoA	-10,5641566	0,059	0,307
CHR3	25194521	CHR3:25194521	SSF x Far_LoA	-11,1283676	-0,136	0,293
CHR3	2519932	CHR3:2519932	SSF x Far_LoA	-8,39321767	0,095	0,309
CHR3	2520060	CHR3:2520060	SSF x Far_LoA	-1,30307299	0,161	0,292
CHR3	2520071	CHR3:2520071	SSF x Far_LoA	-10,6315361	-0,169	0,299
CHR3	25201056	CHR3:25201056	SSF x Far_LoA	-8,69388	0,021	0,308
CHR3	2520113	CHR3:2520113	SSF x Far_LoA	-1,17692305	-0,225	0,306
CHR3	25223865	CHR3:25223865	SSF x Far_LoA	-9,91407864	0,050	0,301
CHR3	25223886	CHR3:25223886	SSF x Far_LoA	-7,81616284	0,044	0,313
CHR3	25223899	CHR3:25223899	SSF x Far_LoA	-9,77614839	0,046	0,310
CHR3	25223909	CHR3:25223909	SSF x Far_LoA	-9,15422148	0,064	0,308
CHR3	25223947	CHR3:25223947	SSF x Far_LoA	-9,28153189	0,054	0,309
CHR3	25223948	CHR3:25223948	SSF x Far_LoA	-5,23541474	0,049	0,309
CHR3	25223960	CHR3:25223960	SSF x Far_LoA	-7,47488954	-0,064	0,311
CHR3	25224043	CHR3:25224043	SSF x Far_LoA	-10,4984676	0,000	0,302
CHR3	25248842	CHR3:25248842	SSF x Far_LoA	-10,3617575	-0,106	0,318
CHR3	25248847	CHR3:25248847	SSF x Far_LoA	-10,7266116	-0,146	0,298
CHR3	25248941	CHR3:25248941	SSF x Far_LoA	-8,89278118	-0,083	0,305
CHR3	25249016	CHR3:25249016	SSF x Far_LoA	-8,6799242	0,104	0,299
CHR3	2524992	CHR3:2524992	SSF x Far_LoA	-8,68292057	-0,031	0,315
CHR3	2525032	CHR3:2525032	SSF x Far_LoA	-11,4623549	-0,057	0,317
CHR3	2525332	CHR3:2525332	SSF x Far_LoA	-9,02186372	-0,036	0,326
CHR3	25254356	CHR3:25254356	SSF x Far_LoA	-10,9806406	0,087	0,305
CHR3	25254498	CHR3:25254498	SSF x Far_LoA	-9,26842454	-0,152	0,295
CHR3	25273817	CHR3:25273817	SSF x Far_LoA	-8,1595082	0,031	0,310
CHR3	25282318	CHR3:25282318	SSF x Far_LoA	-10,0313131	-0,017	0,305
CHR3	25282326	CHR3:25282326	SSF x Far_LoA	-9,23690096	0,112	0,298
CHR3	25284917	CHR3:25284917	SSF x Far_LoA	-8,96519702	0,000	0,297
CHR3	25284996	CHR3:25284996	SSF x Far_LoA	-10,2865271	0,054	0,297
CHR3	25285021	CHR3:25285021	SSF x Far_LoA	-8,62336979	-0,030	0,305
CHR3	25303817	CHR3:25303817	SSF x Far_LoA	-9,10457927	0,016	0,299

CHR3	25303832	CHR3:25303832	SSF x Far_LoA	-9,21711889	0,015	0,305
CHR3	25303876	CHR3:25303876	SSF x Far_LoA	-9,11411863	0,048	0,312
CHR3	25303889	CHR3:25303889	SSF x Far_LoA	-7,99503734	-0,051	0,313
CHR3	25303896	CHR3:25303896	SSF x Far_LoA	-9,53527072	0,015	0,305
CHR3	25310121	CHR3:25310121	SSF x Far_LoA	-5,07765779	-0,199	0,278
CHR3	25310126	CHR3:25310126	SSF x Far_LoA	-1,31935859	-0,194	0,287
CHR3	25310154	CHR3:25310154	SSF x Far_LoA	-8,12827597	0,126	0,294
CHR3	25310155	CHR3:25310155	SSF x Far_LoA	-6,97456405	-0,176	0,282
CHR3	25322387	CHR3:25322387	SSF x Far_LoA	-11,0547169	0,101	0,296
CHR3	25322543	CHR3:25322543	SSF x Far_LoA	-9,02381358	-0,017	0,316
CHR3	25322562	CHR3:25322562	SSF x Far_LoA	-2,44897858	-0,003	0,329
CHR3	25322587	CHR3:25322587	SSF x Far_LoA	-7,88947101	0,122	0,306
CHR3	25324984	CHR3:25324984	SSF x Far_LoA	-9,08725114	-0,118	0,294
CHR3	25326978	CHR3:25326978	SSF x Far_LoA	-10,2788043	-0,064	0,305
CHR3	25331453	CHR3:25331453	SSF x Far_LoA	-9,38589503	0,041	0,297
CHR3	25331539	CHR3:25331539	SSF x Far_LoA	-8,59398092	-0,116	0,300
CHR3	25331541	CHR3:25331541	SSF x Far_LoA	-8,61952147	0,033	0,319
CHR3	25335753	CHR3:25335753	SSF x Far_LoA	-11,2198432	0,044	0,319
CHR3	25338002	CHR3:25338002	SSF x Far_LoA	-11,0550765	0,123	0,306
CHR3	25342859	CHR3:25342859	SSF x Far_LoA	-2,88308734	0,071	0,305
CHR3	25342863	CHR3:25342863	SSF x Far_LoA	-10,526611	0,052	0,321
CHR3	25342889	CHR3:25342889	SSF x Far_LoA	-9,78554779	-0,054	0,309
CHR3	25345934	CHR3:25345934	SSF x Far_LoA	-8,61478347	-0,056	0,305
CHR3	25353716	CHR3:25353716	SSF x Far_LoA	-10,396683	0,121	0,297
CHR3	25357524	CHR3:25357524	SSF x Far_LoA	-5,83852117	0,009	0,314
CHR3	25357532	CHR3:25357532	SSF x Far_LoA	-9,23409036	-0,045	0,310
CHR3	25357573	CHR3:25357573	SSF x Far_LoA	-9,78683564	0,025	0,305
CHR3	25357576	CHR3:25357576	SSF x Far_LoA	-8,72992287	0,152	0,300
CHR3	25359183	CHR3:25359183	SSF x Far_LoA	-8,57970536	-0,039	0,310
CHR3	25360959	CHR3:25360959	SSF x Far_LoA	-10,1006344	0,193	0,289
CHR3	25361007	CHR3:25361007	SSF x Far_LoA	-9,94613705	-0,007	0,303
CHR3	25365343	CHR3:25365343	SSF x Far_LoA	-6,68648914	-0,102	0,297
CHR3	25365365	CHR3:25365365	SSF x Far_LoA	-8,67091572	0,085	0,300
CHR3	25365397	CHR3:25365397	SSF x Far_LoA	-7,61639865	0,011	0,307
CHR3	25365409	CHR3:25365409	SSF x Far_LoA	-11,8289228	-0,046	0,296
CHR3	25365410	CHR3:25365410	SSF x Far_LoA	-11,099971	0,025	0,301
CHR3	25365423	CHR3:25365423	SSF x Far_LoA	-9,17800881	0,105	0,308
CHR3	25365432	CHR3:25365432	SSF x Far_LoA	-7,54569853	0,136	0,304
CHR3	25365446	CHR3:25365446	SSF x Far_LoA	-1,71617907	-0,078	0,316
CHR3	25365733	CHR3:25365733	SSF x Far_LoA	-7,80015643	0,024	0,311
CHR3	25365783	CHR3:25365783	SSF x Far_LoA	-8,02109843	0,083	0,310
CHR3	25367119	CHR3:25367119	SSF x Far_LoA	-11,046434	-0,021	0,308
CHR3	25367133	CHR3:25367133	SSF x Far_LoA	-11,6846108	-0,048	0,292
CHR3	2536936	CHR3:2536936	SSF x Far_LoA	-9,38731537	-0,088	0,310
CHR3	2536959	CHR3:2536959	SSF x Far_LoA	-7,48265183	-0,116	0,314
CHR3	2536976	CHR3:2536976	SSF x Far_LoA	-10,4303092	0,106	0,300
CHR3	25370019	CHR3:25370019	SSF x Far_LoA	-9,78935399	0,093	0,290
CHR3	2537013	CHR3:2537013	SSF x Far_LoA	-11,5925061	-0,104	0,289
CHR3	2537025	CHR3:2537025	SSF x Far_LoA	-8,95255044	-0,024	0,308
CHR3	25370453	CHR3:25370453	SSF x Far_LoA	-8,50161233	0,061	0,310
CHR3	25370545	CHR3:25370545	SSF x Far_LoA	-9,09232396	-0,072	0,308
CHR3	2537081	CHR3:2537081	SSF x Far_LoA	-9,42496107	-0,079	0,296
CHR3	25374564	CHR3:25374564	SSF x Far_LoA	-9,41671876	0,116	0,311

CHR3	25374591	CHR3:25374591	SSF x Far_LoA	-5,31115299	-0,098	0,319
CHR3	25374592	CHR3:25374592	SSF x Far_LoA	-11,71628	-0,019	0,312
CHR3	25374634	CHR3:25374634	SSF x Far_LoA	-8,28673556	0,063	0,300
CHR3	25374662	CHR3:25374662	SSF x Far_LoA	-7,79982102	0,069	0,306
CHR3	2538992	CHR3:2538992	SSF x Far_LoA	-2,8084139	0,160	0,292
CHR3	25397972	CHR3:25397972	SSF x Far_LoA	-9,64026091	-0,109	0,302
CHR3	25400759	CHR3:25400759	SSF x Far_LoA	-8,81515709	0,029	0,315
CHR3	25400760	CHR3:25400760	SSF x Far_LoA	-9,88637095	0,015	0,310
CHR3	25405107	CHR3:25405107	SSF x Far_LoA	-9,13966331	-0,026	0,307
CHR3	25405138	CHR3:25405138	SSF x Far_LoA	-9,13798872	-0,050	0,312
CHR3	25405142	CHR3:25405142	SSF x Far_LoA	-11,0524212	0,020	0,329
CHR3	25408312	CHR3:25408312	SSF x Far_LoA	-8,28607714	0,053	0,300
CHR3	25408426	CHR3:25408426	SSF x Far_LoA	-8,70318111	0,006	0,304
CHR3	25408434	CHR3:25408434	SSF x Far_LoA	-7,10465796	0,015	0,316
CHR3	25411545	CHR3:25411545	SSF x Far_LoA	-9,93424544	0,008	0,309
CHR3	25411563	CHR3:25411563	SSF x Far_LoA	-7,20972655	-0,072	0,317
CHR3	25411574	CHR3:25411574	SSF x Far_LoA	-4,8821036	0,008	0,302
CHR3	25411575	CHR3:25411575	SSF x Far_LoA	-9,41489688	0,011	0,317
CHR3	25411646	CHR3:25411646	SSF x Far_LoA	-9,66392854	0,000	0,310
CHR3	25411655	CHR3:25411655	SSF x Far_LoA	-10,3530376	0,074	0,308
CHR3	25411656	CHR3:25411656	SSF x Far_LoA	-9,72454549	0,061	0,299
CHR3	25411672	CHR3:25411672	SSF x Far_LoA	-10,4974141	0,017	0,311
CHR3	25411681	CHR3:25411681	SSF x Far_LoA	-11,4029291	0,063	0,309
CHR3	25411690	CHR3:25411690	SSF x Far_LoA	-8,59372997	-0,035	0,309
CHR3	25411711	CHR3:25411711	SSF x Far_LoA	-10,2814095	0,049	0,317
CHR3	25411733	CHR3:25411733	SSF x Far_LoA	-8,79077905	0,079	0,310
CHR3	25411740	CHR3:25411740	SSF x Far_LoA	-9,11535022	0,027	0,309
CHR3	25411744	CHR3:25411744	SSF x Far_LoA	-7,16544373	-0,079	0,307
CHR3	2542500	CHR3:2542500	SSF x Far_LoA	-8,84942201	-0,058	0,308
CHR3	2542523	CHR3:2542523	SSF x Far_LoA	-0,83832026	-0,136	0,312
CHR3	2542558	CHR3:2542558	SSF x Far_LoA	-9,85842219	-0,101	0,315
CHR3	2542561	CHR3:2542561	SSF x Far_LoA	1,64843346	0,249	0,283
CHR3	2542611	CHR3:2542611	SSF x Far_LoA	-8,318045	-0,051	0,302
CHR3	25426188	CHR3:25426188	SSF x Far_LoA	-9,40574508	-0,060	0,302
CHR3	25426214	CHR3:25426214	SSF x Far_LoA	-8,30976001	-0,080	0,296
CHR3	25426222	CHR3:25426222	SSF x Far_LoA	-7,57339054	-0,120	0,310
CHR3	25426323	CHR3:25426323	SSF x Far_LoA	-8,8113938	0,043	0,315
CHR3	25426338	CHR3:25426338	SSF x Far_LoA	-10,3133586	0,095	0,323
CHR3	25426345	CHR3:25426345	SSF x Far_LoA	-10,1007348	0,085	0,303
CHR3	25426346	CHR3:25426346	SSF x Far_LoA	-10,6731572	0,083	0,310
CHR3	25426382	CHR3:25426382	SSF x Far_LoA	-10,4786776	0,099	0,307
CHR3	25426388	CHR3:25426388	SSF x Far_LoA	-8,42643446	-0,043	0,297
CHR3	25441616	CHR3:25441616	SSF x Far_LoA	-10,9752393	-0,013	0,311
CHR3	25445802	CHR3:25445802	SSF x Far_LoA	-9,14775034	0,055	0,301
CHR3	25445808	CHR3:25445808	SSF x Far_LoA	-10,5260795	0,069	0,307
CHR3	25445843	CHR3:25445843	SSF x Far_LoA	-10,6446128	0,093	0,303
CHR3	25445848	CHR3:25445848	SSF x Far_LoA	-8,7990893	0,042	0,296
CHR3	25446308	CHR3:25446308	SSF x Far_LoA	-9,11312276	-0,036	0,309
CHR3	25446322	CHR3:25446322	SSF x Far_LoA	-8,81080404	0,070	0,302
CHR3	25446402	CHR3:25446402	SSF x Far_LoA	-9,66944779	-0,008	0,299
CHR3	25450600	CHR3:25450600	SSF x Far_LoA	-9,2811304	0,072	0,313
CHR3	25450772	CHR3:25450772	SSF x Far_LoA	-10,1924164	0,021	0,296
CHR3	25450773	CHR3:25450773	SSF x Far_LoA	-11,0185656	0,059	0,297

CHR3	2545684	CHR3:2545684	SSF x Far_LoA	-6,83699822	-0,070	0,299
CHR3	2545702	CHR3:2545702	SSF x Far_LoA	-10,7513507	-0,107	0,305
CHR3	25457499	CHR3:25457499	SSF x Far_LoA	-10,9693334	-0,007	0,301
CHR3	25457556	CHR3:25457556	SSF x Far_LoA	-9,47848736	-0,020	0,298
CHR3	25457624	CHR3:25457624	SSF x Far_LoA	-7,62540242	0,019	0,307
CHR3	25457723	CHR3:25457723	SSF x Far_LoA	-8,32619509	-0,031	0,312
CHR3	2545773	CHR3:2545773	SSF x Far_LoA	-11,5803618	-0,019	0,311
CHR3	25457769	CHR3:25457769	SSF x Far_LoA	-7,90689817	-0,119	0,305
CHR3	2545805	CHR3:2545805	SSF x Far_LoA	-9,78913764	0,033	0,316
CHR3	2545829	CHR3:2545829	SSF x Far_LoA	-9,45494911	-0,080	0,301
CHR3	2545895	CHR3:2545895	SSF x Far_LoA	-11,2094608	-0,032	0,300
CHR3	25462472	CHR3:25462472	SSF x Far_LoA	-8,67662987	0,037	0,318
CHR3	25462473	CHR3:25462473	SSF x Far_LoA	-9,84943694	0,132	0,298
CHR3	25462507	CHR3:25462507	SSF x Far_LoA	-9,61441719	0,136	0,297
CHR3	25462644	CHR3:25462644	SSF x Far_LoA	2,15761199	-0,096	0,310
CHR3	25462768	CHR3:25462768	SSF x Far_LoA	-9,78652352	-0,001	0,296
CHR3	25472789	CHR3:25472789	SSF x Far_LoA	-9,9355662	0,078	0,294
CHR3	25474564	CHR3:25474564	SSF x Far_LoA	-8,09620865	0,095	0,306
CHR3	25474574	CHR3:25474574	SSF x Far_LoA	-8,55124706	0,042	0,308
CHR3	25474673	CHR3:25474673	SSF x Far_LoA	-11,8542248	-0,050	0,316
CHR3	25487369	CHR3:25487369	SSF x Far_LoA	-9,95362365	-0,018	0,311
CHR3	25487385	CHR3:25487385	SSF x Far_LoA	-8,42297082	-0,052	0,311
CHR3	25487386	CHR3:25487386	SSF x Far_LoA	-7,7175692	-0,049	0,309
CHR3	25487387	CHR3:25487387	SSF x Far_LoA	-9,81778423	-0,013	0,312
CHR3	25487446	CHR3:25487446	SSF x Far_LoA	-9,68733962	-0,059	0,296
CHR3	25487463	CHR3:25487463	SSF x Far_LoA	-8,44937833	-0,041	0,309
CHR3	25487559	CHR3:25487559	SSF x Far_LoA	-8,0138117	0,019	0,311
CHR3	25487580	CHR3:25487580	SSF x Far_LoA	-8,5268695	0,060	0,296
CHR3	25492333	CHR3:25492333	SSF x Far_LoA	-10,9398033	0,082	0,309
CHR3	25494606	CHR3:25494606	SSF x Far_LoA	-7,2136598	-0,132	0,306
CHR3	25497058	CHR3:25497058	SSF x Far_LoA	-9,91316417	0,041	0,298
CHR3	25497193	CHR3:25497193	SSF x Far_LoA	-11,1316828	-0,013	0,299
CHR3	25497251	CHR3:25497251	SSF x Far_LoA	-8,71394387	0,126	0,303
CHR3	25497260	CHR3:25497260	SSF x Far_LoA	-8,31925576	0,122	0,308
CHR3	25499175	CHR3:25499175	SSF x Far_LoA	-10,7947943	0,050	0,294
CHR3	25499178	CHR3:25499178	SSF x Far_LoA	-6,83308658	-0,019	0,325
CHR3	25499436	CHR3:25499436	SSF x Far_LoA	-8,0531455	-0,081	0,306
CHR3	25500549	CHR3:25500549	SSF x Far_LoA	-10,2104722	-0,040	0,314
CHR3	25510131	CHR3:25510131	SSF x Far_LoA	-8,68217636	-0,056	0,304
CHR3	25518733	CHR3:25518733	SSF x Far_LoA	-7,41273982	-0,005	0,325
CHR3	25520539	CHR3:25520539	SSF x Far_LoA	-6,79775478	0,176	0,294
CHR3	25520678	CHR3:25520678	SSF x Far_LoA	-4,02126652	0,146	0,306
CHR3	25539098	CHR3:25539098	SSF x Far_LoA	-9,60664393	0,006	0,305
CHR3	25541020	CHR3:25541020	SSF x Far_LoA	-10,5538022	-0,061	0,296
CHR3	25541159	CHR3:25541159	SSF x Far_LoA	-7,32121297	-0,094	0,306
CHR3	25544187	CHR3:25544187	SSF x Far_LoA	-7,45499369	0,070	0,319
CHR3	25544212	CHR3:25544212	SSF x Far_LoA	-8,83756855	0,114	0,305
CHR3	25544221	CHR3:25544221	SSF x Far_LoA	-8,32380443	0,084	0,299
CHR3	2554577	CHR3:2554577	SSF x Far_LoA	-10,5319396	0,025	0,307
CHR3	25550909	CHR3:25550909	SSF x Far_LoA	-10,4138095	0,041	0,312
CHR3	25550935	CHR3:25550935	SSF x Far_LoA	-10,228926	0,115	0,302
CHR3	25552834	CHR3:25552834	SSF x Far_LoA	-8,69993955	0,117	0,286
CHR3	25555291	CHR3:25555291	SSF x Far_LoA	2,1829788	-0,010	0,313

CHR3	25555292	CHR3:25555292	SSF x Far_LoA	-7,53763568	-0,029	0,315
CHR3	25555299	CHR3:25555299	SSF x Far_LoA	-6,52181114	-0,042	0,307
CHR3	25555353	CHR3:25555353	SSF x Far_LoA	-10,6549097	-0,082	0,300
CHR3	25555388	CHR3:25555388	SSF x Far_LoA	-10,5963604	0,014	0,310
CHR3	25555464	CHR3:25555464	SSF x Far_LoA	-9,84685256	0,033	0,310
CHR3	25557426	CHR3:25557426	SSF x Far_LoA	-9,53406974	-0,058	0,309
CHR3	25557434	CHR3:25557434	SSF x Far_LoA	-9,13696957	-0,073	0,291
CHR3	25560584	CHR3:25560584	SSF x Far_LoA	-11,3629638	0,009	0,312
CHR3	25565994	CHR3:25565994	SSF x Far_LoA	-9,1949054	-0,082	0,330
CHR3	25576842	CHR3:25576842	SSF x Far_LoA	-9,62381925	-0,100	0,306
CHR3	25584663	CHR3:25584663	SSF x Far_LoA	-9,1676001	-0,057	0,306
CHR3	25592539	CHR3:25592539	SSF x Far_LoA	-11,4619885	-0,023	0,307
CHR3	25592565	CHR3:25592565	SSF x Far_LoA	-11,6646531	-0,027	0,303
CHR3	25592659	CHR3:25592659	SSF x Far_LoA	-6,81685332	-0,115	0,315
CHR3	25592712	CHR3:25592712	SSF x Far_LoA	-9,46450832	0,037	0,294
CHR3	25592797	CHR3:25592797	SSF x Far_LoA	-8,3220071	0,020	0,307
CHR3	25602702	CHR3:25602702	SSF x Far_LoA	-9,38472346	0,102	0,313
CHR3	25608071	CHR3:25608071	SSF x Far_LoA	-7,80855653	0,051	0,314
CHR3	25608843	CHR3:25608843	SSF x Far_LoA	-5,48000935	0,149	0,294
CHR3	25608900	CHR3:25608900	SSF x Far_LoA	-10,3502009	-0,048	0,317
CHR3	25615525	CHR3:25615525	SSF x Far_LoA	-6,93366183	0,183	0,296
CHR3	25615536	CHR3:25615536	SSF x Far_LoA	-2,23312841	-0,027	0,302
CHR3	25615558	CHR3:25615558	SSF x Far_LoA	-2,28926009	-0,101	0,307
CHR3	25617896	CHR3:25617896	SSF x Far_LoA	-10,0331768	0,001	0,315
CHR3	25625161	CHR3:25625161	SSF x Far_LoA	-10,3004506	0,073	0,312
CHR3	25625221	CHR3:25625221	SSF x Far_LoA	-10,0045545	0,009	0,314
CHR3	25625231	CHR3:25625231	SSF x Far_LoA	-9,87892487	0,011	0,327
CHR3	25625238	CHR3:25625238	SSF x Far_LoA	-10,7661629	0,011	0,314
CHR3	25626540	CHR3:25626540	SSF x Far_LoA	-8,8196657	0,038	0,327
CHR3	25626578	CHR3:25626578	SSF x Far_LoA	-8,1121805	-0,161	0,302
CHR3	25642407	CHR3:25642407	SSF x Far_LoA	-7,92223883	-0,029	0,322
CHR3	25642454	CHR3:25642454	SSF x Far_LoA	-6,4710574	0,023	0,306
CHR3	2564441	CHR3:2564441	SSF x Far_LoA	-8,98961248	-0,034	0,310
CHR3	25645252	CHR3:25645252	SSF x Far_LoA	-6,95250312	-0,013	0,308
CHR3	25645274	CHR3:25645274	SSF x Far_LoA	-8,8167594	0,071	0,307
CHR3	25646612	CHR3:25646612	SSF x Far_LoA	-8,14474576	0,113	0,301
CHR3	25663917	CHR3:25663917	SSF x Far_LoA	-9,20115376	0,008	0,299
CHR3	25665315	CHR3:25665315	SSF x Far_LoA	-6,02088952	0,001	0,304
CHR3	25718922	CHR3:25718922	SSF x Far_LoA	-11,5068744	-0,094	0,309
CHR3	25719019	CHR3:25719019	SSF x Far_LoA	-9,38059961	0,072	0,305
CHR3	25736962	CHR3:25736962	SSF x Far_LoA	-10,0201495	0,089	0,303
CHR3	25737001	CHR3:25737001	SSF x Far_LoA	-8,93090659	-0,016	0,307
CHR3	25744101	CHR3:25744101	SSF x Far_LoA	-9,55072482	-0,012	0,305
CHR3	25746158	CHR3:25746158	SSF x Far_LoA	-5,87828431	-0,117	0,313
CHR3	25746263	CHR3:25746263	SSF x Far_LoA	-2,86196049	0,089	0,311
CHR3	25755964	CHR3:25755964	SSF x Far_LoA	-9,13220312	0,008	0,308
CHR3	25771028	CHR3:25771028	SSF x Far_LoA	-9,90357437	-0,013	0,321
CHR3	2577574	CHR3:2577574	SSF x Far_LoA	-10,8895262	0,027	0,312
CHR3	25778577	CHR3:25778577	SSF x Far_LoA	-5,31045579	-0,193	0,295
CHR3	25778655	CHR3:25778655	SSF x Far_LoA	-10,4255382	-0,041	0,318
CHR3	25778664	CHR3:25778664	SSF x Far_LoA	-8,23823601	-0,051	0,319
CHR3	25778703	CHR3:25778703	SSF x Far_LoA	-11,5995204	0,034	0,318
CHR3	25782962	CHR3:25782962	SSF x Far_LoA	-8,27900282	0,050	0,301

CHR3	25782980	CHR3:25782980	SSF x Far_LoA	-10,8117101	0,003	0,306
CHR3	25782993	CHR3:25782993	SSF x Far_LoA	-11,0814881	-0,016	0,302
CHR3	25783078	CHR3:25783078	SSF x Far_LoA	-6,89538054	0,054	0,300
CHR3	25792385	CHR3:25792385	SSF x Far_LoA	-9,20509747	-0,090	0,295
CHR3	25792423	CHR3:25792423	SSF x Far_LoA	-9,76695415	0,020	0,297
CHR3	25792587	CHR3:25792587	SSF x Far_LoA	-9,2319597	0,017	0,310
CHR3	25795121	CHR3:25795121	SSF x Far_LoA	-8,21560537	0,148	0,298
CHR3	25795236	CHR3:25795236	SSF x Far_LoA	-6,906439	-0,195	0,299
CHR3	25795288	CHR3:25795288	SSF x Far_LoA	-5,59782115	0,150	0,303
CHR3	25795299	CHR3:25795299	SSF x Far_LoA	-10,1884242	-0,068	0,303
CHR3	25795309	CHR3:25795309	SSF x Far_LoA	-9,17622566	-0,066	0,295
CHR3	25795322	CHR3:25795322	SSF x Far_LoA	-11,0454377	-0,002	0,313
CHR3	25795391	CHR3:25795391	SSF x Far_LoA	-10,5716325	-0,099	0,307
CHR3	25804020	CHR3:25804020	SSF x Far_LoA	-6,55526269	0,065	0,317
CHR3	2581321	CHR3:2581321	SSF x Far_LoA	-11,8946022	-0,013	0,298
CHR3	2582723	CHR3:2582723	SSF x Far_LoA	-10,9313789	-0,025	0,313
CHR3	2582900	CHR3:2582900	SSF x Far_LoA	-10,2650377	-0,052	0,307
CHR3	25835754	CHR3:25835754	SSF x Far_LoA	-7,3248616	0,008	0,306
CHR3	25835777	CHR3:25835777	SSF x Far_LoA	-5,96092182	-0,002	0,301
CHR3	25835795	CHR3:25835795	SSF x Far_LoA	-9,30453501	0,026	0,314
CHR3	25835806	CHR3:25835806	SSF x Far_LoA	-7,63154152	-0,178	0,296
CHR3	25835918	CHR3:25835918	SSF x Far_LoA	-5,71453414	0,076	0,306
CHR3	25835920	CHR3:25835920	SSF x Far_LoA	-9,8944447	0,020	0,283
CHR3	25835934	CHR3:25835934	SSF x Far_LoA	-4,65224169	0,052	0,309
CHR3	25835955	CHR3:25835955	SSF x Far_LoA	-7,23894852	0,099	0,289
CHR3	25835964	CHR3:25835964	SSF x Far_LoA	-9,93805238	-0,031	0,295
CHR3	25835977	CHR3:25835977	SSF x Far_LoA	-9,13460474	-0,022	0,300
CHR3	25846213	CHR3:25846213	SSF x Far_LoA	-8,00910862	0,038	0,306
CHR3	25846214	CHR3:25846214	SSF x Far_LoA	-9,96651234	-0,116	0,290
CHR3	25846220	CHR3:25846220	SSF x Far_LoA	-9,31031871	0,043	0,299
CHR3	25847736	CHR3:25847736	SSF x Far_LoA	-9,16804809	-0,002	0,302
CHR3	25847805	CHR3:25847805	SSF x Far_LoA	-9,7463382	0,015	0,306
CHR3	25847824	CHR3:25847824	SSF x Far_LoA	-9,39771606	0,023	0,320
CHR3	25847825	CHR3:25847825	SSF x Far_LoA	-9,43433035	-0,017	0,300
CHR3	2584809	CHR3:2584809	SSF x Far_LoA	-9,9156099	-0,001	0,310
CHR3	2584823	CHR3:2584823	SSF x Far_LoA	-10,3170194	-0,037	0,320
CHR3	2584824	CHR3:2584824	SSF x Far_LoA	-10,1324606	-0,019	0,318
CHR3	2584876	CHR3:2584876	SSF x Far_LoA	-9,15467593	-0,011	0,307
CHR3	25854691	CHR3:25854691	SSF x Far_LoA	-6,48590933	0,199	0,303
CHR3	25854695	CHR3:25854695	SSF x Far_LoA	-9,27036667	0,139	0,292
CHR3	25856895	CHR3:25856895	SSF x Far_LoA	-10,8860043	0,029	0,303
CHR3	25856896	CHR3:25856896	SSF x Far_LoA	-8,9607438	0,049	0,296
CHR3	25878380	CHR3:25878380	SSF x Far_LoA	-11,1103371	0,016	0,308
CHR3	25890963	CHR3:25890963	SSF x Far_LoA	-8,75606284	0,102	0,287
CHR3	25891099	CHR3:25891099	SSF x Far_LoA	-8,54996061	-0,008	0,312
CHR3	25895809	CHR3:25895809	SSF x Far_LoA	-9,65949645	-0,092	0,309
CHR3	25896893	CHR3:25896893	SSF x Far_LoA	-10,0562808	-0,038	0,297
CHR3	25901255	CHR3:25901255	SSF x Far_LoA	-7,23058332	-0,117	0,290
CHR3	25908850	CHR3:25908850	SSF x Far_LoA	-6,01415769	0,140	0,304
CHR3	25908853	CHR3:25908853	SSF x Far_LoA	-8,10562186	-0,040	0,317
CHR3	25918564	CHR3:25918564	SSF x Far_LoA	-8,92130336	-0,156	0,302
CHR3	25923287	CHR3:25923287	SSF x Far_LoA	-8,59881669	0,011	0,309
CHR3	25923288	CHR3:25923288	SSF x Far_LoA	-9,09224246	-0,026	0,312

CHR3	2593061	CHR3:2593061	SSF x Far_LoA	-9,86324508	0,012	0,303
CHR3	25939155	CHR3:25939155	SSF x Far_LoA	-8,41370909	-0,085	0,301
CHR3	25939160	CHR3:25939160	SSF x Far_LoA	-7,55753906	-0,058	0,325
CHR3	25942319	CHR3:25942319	SSF x Far_LoA	-8,97299482	0,084	0,311
CHR3	25942440	CHR3:25942440	SSF x Far_LoA	-10,0242452	0,091	0,302
CHR3	25942482	CHR3:25942482	SSF x Far_LoA	-11,9031858	0,014	0,307
CHR3	25952159	CHR3:25952159	SSF x Far_LoA	-9,14173918	-0,051	0,297
CHR3	25952185	CHR3:25952185	SSF x Far_LoA	-7,76474572	-0,073	0,306
CHR3	25952195	CHR3:25952195	SSF x Far_LoA	-7,41509671	-0,117	0,312
CHR3	25952281	CHR3:25952281	SSF x Far_LoA	-8,82578429	0,012	0,309
CHR3	25956311	CHR3:25956311	SSF x Far_LoA	-10,376192	0,011	0,306
CHR3	25956350	CHR3:25956350	SSF x Far_LoA	2,29583048	0,009	0,320
CHR3	25956365	CHR3:25956365	SSF x Far_LoA	-9,79882173	0,021	0,325
CHR3	25959099	CHR3:25959099	SSF x Far_LoA	-10,8381334	-0,019	0,287
CHR3	25959185	CHR3:25959185	SSF x Far_LoA	-8,52284303	-0,063	0,302
CHR3	25959194	CHR3:25959194	SSF x Far_LoA	-7,61292496	-0,060	0,320
CHR3	25962810	CHR3:25962810	SSF x Far_LoA	-10,2400222	0,098	0,293
CHR3	25968366	CHR3:25968366	SSF x Far_LoA	-6,99094063	-0,094	0,303
CHR3	25974620	CHR3:25974620	SSF x Far_LoA	-5,93094407	-0,107	0,297
CHR3	25974732	CHR3:25974732	SSF x Far_LoA	-6,9433685	0,114	0,296
CHR3	25974753	CHR3:25974753	SSF x Far_LoA	-5,06860653	0,094	0,311
CHR3	25974775	CHR3:25974775	SSF x Far_LoA	-8,74522318	0,065	0,308
CHR3	25974810	CHR3:25974810	SSF x Far_LoA	-8,12669634	0,077	0,310
CHR3	25974843	CHR3:25974843	SSF x Far_LoA	-11,7507971	0,101	0,299
CHR3	25974850	CHR3:25974850	SSF x Far_LoA	-8,61786978	0,097	0,310
CHR3	25976609	CHR3:25976609	SSF x Far_LoA	-8,61815092	-0,081	0,306
CHR3	25976671	CHR3:25976671	SSF x Far_LoA	-3,06988	0,159	0,284
CHR3	25976770	CHR3:25976770	SSF x Far_LoA	-9,84847717	0,085	0,314
CHR3	25980279	CHR3:25980279	SSF x Far_LoA	-11,3478734	0,024	0,315
CHR3	25980291	CHR3:25980291	SSF x Far_LoA	-11,5879019	0,031	0,291
CHR3	25984229	CHR3:25984229	SSF x Far_LoA	-9,95105425	-0,022	0,309
CHR3	25984236	CHR3:25984236	SSF x Far_LoA	-9,84034921	-0,039	0,317
CHR3	25984345	CHR3:25984345	SSF x Far_LoA	-10,8007223	-0,035	0,311
CHR3	25984440	CHR3:25984440	SSF x Far_LoA	-5,53912216	-0,082	0,309
CHR3	25984469	CHR3:25984469	SSF x Far_LoA	-11,2680599	-0,013	0,312
CHR3	25992542	CHR3:25992542	SSF x Far_LoA	-11,3165946	-0,061	0,312
CHR3	25992550	CHR3:25992550	SSF x Far_LoA	-9,25218962	0,007	0,323
CHR3	25992554	CHR3:25992554	SSF x Far_LoA	-9,10919261	0,020	0,297
CHR3	25992560	CHR3:25992560	SSF x Far_LoA	-8,65164019	0,018	0,313
CHR3	25996742	CHR3:25996742	SSF x Far_LoA	-10,0697163	0,033	0,322
CHR3	25996855	CHR3:25996855	SSF x Far_LoA	-8,96698974	-0,013	0,296
CHR3	25996951	CHR3:25996951	SSF x Far_LoA	-10,6545557	0,018	0,307
CHR3	25996962	CHR3:25996962	SSF x Far_LoA	-7,7930094	0,056	0,304
CHR3	25996970	CHR3:25996970	SSF x Far_LoA	-9,73622074	0,033	0,305
CHR3	25997000	CHR3:25997000	SSF x Far_LoA	-11,2637521	0,046	0,313
CHR3	26033490	CHR3:26033490	SSF x Far_LoA	-6,85064358	-0,031	0,315
CHR3	26034188	CHR3:26034188	SSF x Far_LoA	-8,84379024	-0,085	0,308
CHR3	26040778	CHR3:26040778	SSF x Far_LoA	-8,55304404	-0,094	0,311
CHR3	2604098	CHR3:2604098	SSF x Far_LoA	-12,5577791	0,032	0,305
CHR3	2604100	CHR3:2604100	SSF x Far_LoA	-8,58402371	0,080	0,299
CHR3	2604122	CHR3:2604122	SSF x Far_LoA	-9,98143112	0,044	0,321
CHR3	2604141	CHR3:2604141	SSF x Far_LoA	-10,7340424	0,036	0,311
CHR3	2604146	CHR3:2604146	SSF x Far_LoA	-9,45010348	0,131	0,299

CHR3	2604179	CHR3:2604179	SSF x Far_LoA	-12,1800011	-0,050	0,306
CHR3	2604182	CHR3:2604182	SSF x Far_LoA	-6,43165706	0,123	0,295
CHR3	26046169	CHR3:26046169	SSF x Far_LoA	-1,79265753	0,207	0,291
CHR3	26046443	CHR3:26046443	SSF x Far_LoA	-4,88343472	0,120	0,310
CHR3	26078983	CHR3:26078983	SSF x Far_LoA	-9,58560626	0,039	0,311
CHR3	2608254	CHR3:2608254	SSF x Far_LoA	-9,26889422	-0,033	0,312
CHR3	26084923	CHR3:26084923	SSF x Far_LoA	-7,83111735	-0,006	0,317
CHR3	26084940	CHR3:26084940	SSF x Far_LoA	-9,282905	0,005	0,303
CHR3	26084950	CHR3:26084950	SSF x Far_LoA	-8,75466681	-0,013	0,311
CHR3	26093695	CHR3:26093695	SSF x Far_LoA	-9,57838786	-0,010	0,293
CHR3	26093703	CHR3:26093703	SSF x Far_LoA	-3,55802846	0,122	0,303
CHR3	26098468	CHR3:26098468	SSF x Far_LoA	-9,16161679	0,091	0,315
CHR3	26098488	CHR3:26098488	SSF x Far_LoA	-10,2188596	-0,009	0,297
CHR3	26098509	CHR3:26098509	SSF x Far_LoA	-9,737204	-0,082	0,294
CHR3	26098546	CHR3:26098546	SSF x Far_LoA	-9,54220147	-0,026	0,316
CHR3	26098558	CHR3:26098558	SSF x Far_LoA	-6,54263605	0,128	0,307
CHR3	26098588	CHR3:26098588	SSF x Far_LoA	-9,23109335	-0,015	0,314
CHR3	26098610	CHR3:26098610	SSF x Far_LoA	-9,3275257	-0,063	0,316
CHR3	26098612	CHR3:26098612	SSF x Far_LoA	-7,64632417	0,099	0,301
CHR3	26103466	CHR3:26103466	SSF x Far_LoA	-4,97852724	-0,115	0,304
CHR3	26103553	CHR3:26103553	SSF x Far_LoA	-6,68070866	0,005	0,308
CHR3	2611017	CHR3:2611017	SSF x Far_LoA	-9,93103461	0,117	0,304
CHR3	2611119	CHR3:2611119	SSF x Far_LoA	-9,91280695	0,094	0,318
CHR3	2611121	CHR3:2611121	SSF x Far_LoA	-10,4172669	0,069	0,302
CHR3	2611123	CHR3:2611123	SSF x Far_LoA	-8,4042454	0,069	0,316
CHR3	2611125	CHR3:2611125	SSF x Far_LoA	-7,515709	0,062	0,310
CHR3	2611134	CHR3:2611134	SSF x Far_LoA	-6,04509668	-0,163	0,306
CHR3	26116028	CHR3:26116028	SSF x Far_LoA	-9,17523269	-0,113	0,304
CHR3	26136649	CHR3:26136649	SSF x Far_LoA	-8,38292006	0,082	0,308
CHR3	26136701	CHR3:26136701	SSF x Far_LoA	-9,7992928	-0,008	0,298
CHR3	26136713	CHR3:26136713	SSF x Far_LoA	-9,54386199	0,045	0,291
CHR3	26136846	CHR3:26136846	SSF x Far_LoA	-9,52019805	0,034	0,296
CHR3	26136928	CHR3:26136928	SSF x Far_LoA	-8,63191573	-0,002	0,326
CHR3	26143774	CHR3:26143774	SSF x Far_LoA	-11,5758674	0,049	0,297
CHR3	26143786	CHR3:26143786	SSF x Far_LoA	-4,97686707	0,135	0,309
CHR3	26143799	CHR3:26143799	SSF x Far_LoA	-11,5096947	0,054	0,305
CHR3	26143822	CHR3:26143822	SSF x Far_LoA	-8,17834394	-0,003	0,316
CHR3	26143828	CHR3:26143828	SSF x Far_LoA	-12,3904305	0,043	0,310
CHR3	26143829	CHR3:26143829	SSF x Far_LoA	-6,65682632	-0,031	0,310
CHR3	26143849	CHR3:26143849	SSF x Far_LoA	-8,73092923	0,118	0,313
CHR3	26143896	CHR3:26143896	SSF x Far_LoA	-8,61647225	0,054	0,290
CHR3	26145357	CHR3:26145357	SSF x Far_LoA	-8,61779432	0,086	0,312
CHR3	26145364	CHR3:26145364	SSF x Far_LoA	-8,51977083	0,032	0,300
CHR3	26145405	CHR3:26145405	SSF x Far_LoA	-8,44006058	0,130	0,303
CHR3	2614651	CHR3:2614651	SSF x Far_LoA	-7,29376024	0,074	0,321
CHR3	2614926	CHR3:2614926	SSF x Far_LoA	-10,1587699	0,072	0,292
CHR3	2615052	CHR3:2615052	SSF x Far_LoA	-10,2929045	-0,011	0,315
CHR3	26150912	CHR3:26150912	SSF x Far_LoA	-8,51705188	0,088	0,294
CHR3	26150982	CHR3:26150982	SSF x Far_LoA	-8,60785612	-0,028	0,304
CHR3	26154188	CHR3:26154188	SSF x Far_LoA	-7,21526668	-0,029	0,301
CHR3	26154196	CHR3:26154196	SSF x Far_LoA	-6,41692536	-0,018	0,312
CHR3	26154197	CHR3:26154197	SSF x Far_LoA	-5,85906307	-0,050	0,310
CHR3	26154203	CHR3:26154203	SSF x Far_LoA	-9,18171951	-0,001	0,305

CHR3	26154218	CHR3:26154218	SSF x Far_LoA	-9,02983012	-0,054	0,300
CHR3	26154259	CHR3:26154259	SSF x Far_LoA	-10,3419361	0,078	0,300
CHR3	26154289	CHR3:26154289	SSF x Far_LoA	-10,1652807	-0,007	0,314
CHR3	26154297	CHR3:26154297	SSF x Far_LoA	-9,66305306	-0,059	0,300
CHR3	26154355	CHR3:26154355	SSF x Far_LoA	-7,67617821	-0,129	0,315
CHR3	26154391	CHR3:26154391	SSF x Far_LoA	-10,4689827	-0,086	0,311
CHR3	26154395	CHR3:26154395	SSF x Far_LoA	-9,38756269	0,014	0,315
CHR3	26162904	CHR3:26162904	SSF x Far_LoA	-8,77450833	-0,076	0,321
CHR3	26163003	CHR3:26163003	SSF x Far_LoA	-11,3538207	-0,061	0,299
CHR3	26163028	CHR3:26163028	SSF x Far_LoA	-7,23747436	-0,078	0,304
CHR3	26169403	CHR3:26169403	SSF x Far_LoA	-10,8385007	-0,027	0,297
CHR3	26169407	CHR3:26169407	SSF x Far_LoA	-8,18908071	0,187	0,285
CHR3	26169493	CHR3:26169493	SSF x Far_LoA	-8,04814408	0,040	0,308
CHR3	26169500	CHR3:26169500	SSF x Far_LoA	-10,8525353	0,071	0,309
CHR3	26176410	CHR3:26176410	SSF x Far_LoA	-7,75874352	-0,188	0,292
CHR3	2618607	CHR3:2618607	SSF x Far_LoA	-8,55113025	0,103	0,297
CHR3	26187578	CHR3:26187578	SSF x Far_LoA	-11,7218821	0,025	0,308
CHR3	26193447	CHR3:26193447	SSF x Far_LoA	-9,42019344	0,046	0,317
CHR3	26193451	CHR3:26193451	SSF x Far_LoA	-10,2017198	0,024	0,311
CHR3	26193453	CHR3:26193453	SSF x Far_LoA	-7,48506437	0,046	0,319
CHR3	26193454	CHR3:26193454	SSF x Far_LoA	-7,3426585	0,073	0,312
CHR3	26193460	CHR3:26193460	SSF x Far_LoA	-8,83745171	0,059	0,309
CHR3	26193461	CHR3:26193461	SSF x Far_LoA	-8,33002667	0,064	0,313
CHR3	26193468	CHR3:26193468	SSF x Far_LoA	-8,73933461	-0,170	0,310
CHR3	26193469	CHR3:26193469	SSF x Far_LoA	-10,8529552	0,108	0,313
CHR3	26193478	CHR3:26193478	SSF x Far_LoA	-10,1190858	0,004	0,320
CHR3	26193501	CHR3:26193501	SSF x Far_LoA	-8,36897708	0,063	0,302
CHR3	26193521	CHR3:26193521	SSF x Far_LoA	-10,6913914	0,030	0,303
CHR3	26193526	CHR3:26193526	SSF x Far_LoA	-11,3217141	0,026	0,321
CHR3	26193527	CHR3:26193527	SSF x Far_LoA	-9,25499434	0,028	0,306
CHR3	26193549	CHR3:26193549	SSF x Far_LoA	-9,82483615	-0,120	0,300
CHR3	26193554	CHR3:26193554	SSF x Far_LoA	-9,8012771	0,056	0,325
CHR3	26193565	CHR3:26193565	SSF x Far_LoA	-8,8621422	-0,051	0,315
CHR3	26193665	CHR3:26193665	SSF x Far_LoA	-10,3859127	0,064	0,307
CHR3	26193718	CHR3:26193718	SSF x Far_LoA	-10,559074	0,065	0,307
CHR3	26198193	CHR3:26198193	SSF x Far_LoA	-7,42211365	-0,121	0,314
CHR3	26198227	CHR3:26198227	SSF x Far_LoA	-2,44294601	0,003	0,324
CHR3	26227066	CHR3:26227066	SSF x Far_LoA	-11,8732393	0,013	0,302
CHR3	2623932	CHR3:2623932	SSF x Far_LoA	-8,67523045	-0,115	0,303
CHR3	2624018	CHR3:2624018	SSF x Far_LoA	-9,08021634	-0,090	0,321
CHR3	26240200	CHR3:26240200	SSF x Far_LoA	-8,46885187	-0,108	0,296
CHR3	26240374	CHR3:26240374	SSF x Far_LoA	-9,92277183	0,067	0,314
CHR3	26240436	CHR3:26240436	SSF x Far_LoA	-8,5465662	-0,153	0,292
CHR3	26249124	CHR3:26249124	SSF x Far_LoA	-7,01537762	0,128	0,302
CHR3	26249172	CHR3:26249172	SSF x Far_LoA	-6,5200045	-0,021	0,298
CHR3	2626881	CHR3:2626881	SSF x Far_LoA	-8,2000114	-0,047	0,302
CHR3	2626895	CHR3:2626895	SSF x Far_LoA	-7,96383955	0,030	0,315
CHR3	26272258	CHR3:26272258	SSF x Far_LoA	-11,6046004	-0,056	0,308
CHR3	26272260	CHR3:26272260	SSF x Far_LoA	-8,00681097	-0,041	0,308
CHR3	26280711	CHR3:26280711	SSF x Far_LoA	-8,97762841	-0,167	0,310
CHR3	26282738	CHR3:26282738	SSF x Far_LoA	-7,00349008	-0,194	0,305
CHR3	26298323	CHR3:26298323	SSF x Far_LoA	-9,27737583	0,014	0,307
CHR3	26300564	CHR3:26300564	SSF x Far_LoA	-9,07743324	0,077	0,286

CHR3	26300738	CHR3:26300738	SSF x Far_LoA	-9,33677655	0,028	0,318
CHR3	2632365	CHR3:2632365	SSF x Far_LoA	-10,2547493	-0,025	0,313
CHR3	2632374	CHR3:2632374	SSF x Far_LoA	-9,39462019	0,059	0,293
CHR3	2632441	CHR3:2632441	SSF x Far_LoA	-8,47151341	-0,077	0,299
CHR3	2632487	CHR3:2632487	SSF x Far_LoA	-10,834575	0,039	0,312
CHR3	2632533	CHR3:2632533	SSF x Far_LoA	-7,58543244	0,010	0,296
CHR3	26334556	CHR3:26334556	SSF x Far_LoA	-11,038857	0,039	0,307
CHR3	26334624	CHR3:26334624	SSF x Far_LoA	-10,7587641	-0,072	0,304
CHR3	26334662	CHR3:26334662	SSF x Far_LoA	-9,94988065	0,047	0,306
CHR3	26334704	CHR3:26334704	SSF x Far_LoA	-9,99678507	0,027	0,310
CHR3	26334738	CHR3:26334738	SSF x Far_LoA	-9,22075501	0,032	0,297
CHR3	26347742	CHR3:26347742	SSF x Far_LoA	-6,4934966	0,132	0,297
CHR3	26347785	CHR3:26347785	SSF x Far_LoA	-8,13453153	-0,117	0,307
CHR3	26347792	CHR3:26347792	SSF x Far_LoA	-9,4288625	-0,104	0,300
CHR3	26354603	CHR3:26354603	SSF x Far_LoA	-8,98658421	-0,097	0,309
CHR3	26354611	CHR3:26354611	SSF x Far_LoA	-11,1214504	0,093	0,301
CHR3	26361466	CHR3:26361466	SSF x Far_LoA	-10,0866645	0,113	0,303
CHR3	26361517	CHR3:26361517	SSF x Far_LoA	-8,08275053	-0,059	0,304
CHR3	26361551	CHR3:26361551	SSF x Far_LoA	-8,54726699	0,087	0,306
CHR3	2636414	CHR3:2636414	SSF x Far_LoA	-10,3698329	0,180	0,295
CHR3	2636452	CHR3:2636452	SSF x Far_LoA	-11,7475123	0,002	0,290
CHR3	2636692	CHR3:2636692	SSF x Far_LoA	-11,4962436	-0,028	0,300
CHR3	26378868	CHR3:26378868	SSF x Far_LoA	-6,84937098	-0,075	0,308
CHR3	26378901	CHR3:26378901	SSF x Far_LoA	-9,37771211	0,124	0,304
CHR3	26378932	CHR3:26378932	SSF x Far_LoA	-11,4424019	0,042	0,318
CHR3	26378964	CHR3:26378964	SSF x Far_LoA	-11,6416006	0,000	0,318
CHR3	26380323	CHR3:26380323	SSF x Far_LoA	-7,84114714	-0,044	0,302
CHR3	26391793	CHR3:26391793	SSF x Far_LoA	-9,80128794	0,059	0,311
CHR3	26392317	CHR3:26392317	SSF x Far_LoA	-9,67398464	-0,022	0,320
CHR3	26392393	CHR3:26392393	SSF x Far_LoA	-11,2243177	-0,052	0,310
CHR3	26401359	CHR3:26401359	SSF x Far_LoA	-9,16366074	0,011	0,308
CHR3	26401387	CHR3:26401387	SSF x Far_LoA	-5,34922725	0,011	0,310
CHR3	26401462	CHR3:26401462	SSF x Far_LoA	-11,015515	0,061	0,315
CHR3	26401544	CHR3:26401544	SSF x Far_LoA	-8,66031083	-0,014	0,295
CHR3	26401552	CHR3:26401552	SSF x Far_LoA	-10,3703632	-0,054	0,313
CHR3	26404324	CHR3:26404324	SSF x Far_LoA	-10,5550471	0,035	0,312
CHR3	26406525	CHR3:26406525	SSF x Far_LoA	-7,88526686	0,108	0,303
CHR3	26407705	CHR3:26407705	SSF x Far_LoA	-9,73224664	-0,092	0,313
CHR3	26409715	CHR3:26409715	SSF x Far_LoA	-9,42279288	-0,084	0,305
CHR3	26409826	CHR3:26409826	SSF x Far_LoA	-8,57343489	0,059	0,308
CHR3	26409911	CHR3:26409911	SSF x Far_LoA	-7,78169652	-0,044	0,319
CHR3	26411403	CHR3:26411403	SSF x Far_LoA	-10,40964	-0,057	0,315
CHR3	26411430	CHR3:26411430	SSF x Far_LoA	-11,5990067	-0,066	0,319
CHR3	26412640	CHR3:26412640	SSF x Far_LoA	-7,38966727	-0,111	0,307
CHR3	26412653	CHR3:26412653	SSF x Far_LoA	-1,79710889	-0,114	0,309
CHR3	26412700	CHR3:26412700	SSF x Far_LoA	-8,93489305	0,019	0,305
CHR3	26445415	CHR3:26445415	SSF x Far_LoA	-8,59907122	0,043	0,299
CHR3	26445487	CHR3:26445487	SSF x Far_LoA	-6,98042594	0,044	0,308
CHR3	26448859	CHR3:26448859	SSF x Far_LoA	-10,1732254	-0,041	0,311
CHR3	26450255	CHR3:26450255	SSF x Far_LoA	-7,10889528	-0,148	0,301
CHR3	26452631	CHR3:26452631	SSF x Far_LoA	-9,3220052	0,007	0,299
CHR3	26452650	CHR3:26452650	SSF x Far_LoA	-7,95443858	0,079	0,315
CHR3	26457170	CHR3:26457170	SSF x Far_LoA	-8,75147266	0,138	0,311

CHR3	26460945	CHR3:26460945	SSF x Far_LoA	-10,5371586	-0,101	0,309
CHR3	26460990	CHR3:26460990	SSF x Far_LoA	-9,08316413	0,061	0,299
CHR3	26461078	CHR3:26461078	SSF x Far_LoA	-6,71563604	-0,186	0,304
CHR3	26461106	CHR3:26461106	SSF x Far_LoA	-5,05467354	0,077	0,283
CHR3	26463130	CHR3:26463130	SSF x Far_LoA	-10,0940307	0,003	0,293
CHR3	26463190	CHR3:26463190	SSF x Far_LoA	-10,3225064	-0,145	0,294
CHR3	26469025	CHR3:26469025	SSF x Far_LoA	-11,1276623	0,036	0,305
CHR3	26469058	CHR3:26469058	SSF x Far_LoA	-9,66805754	0,025	0,307
CHR3	2647678	CHR3:2647678	SSF x Far_LoA	-9,96807115	-0,030	0,317
CHR3	26479038	CHR3:26479038	SSF x Far_LoA	-7,43020975	-0,106	0,304
CHR3	26485060	CHR3:26485060	SSF x Far_LoA	-9,1438381	0,064	0,323
CHR3	26485160	CHR3:26485160	SSF x Far_LoA	-10,1063444	-0,011	0,309
CHR3	26492085	CHR3:26492085	SSF x Far_LoA	-10,769177	0,147	0,302
CHR3	26492122	CHR3:26492122	SSF x Far_LoA	-9,30344358	0,093	0,323
CHR3	2650925	CHR3:2650925	SSF x Far_LoA	-12,1046886	0,059	0,313
CHR3	2650983	CHR3:2650983	SSF x Far_LoA	-9,11347347	-0,048	0,319
CHR3	26548239	CHR3:26548239	SSF x Far_LoA	-10,6726431	-0,099	0,303
CHR3	26555470	CHR3:26555470	SSF x Far_LoA	-9,74925465	-0,020	0,293
CHR3	2658855	CHR3:2658855	SSF x Far_LoA	-10,2238352	0,004	0,308
CHR3	2658876	CHR3:2658876	SSF x Far_LoA	-10,1223522	0,071	0,304
CHR3	2658886	CHR3:2658886	SSF x Far_LoA	-8,80153781	0,095	0,295
CHR3	2660464	CHR3:2660464	SSF x Far_LoA	-11,5025059	-0,054	0,303
CHR3	2660559	CHR3:2660559	SSF x Far_LoA	-9,40429867	0,142	0,300
CHR3	2663210	CHR3:2663210	SSF x Far_LoA	-8,07015087	-0,062	0,299
CHR3	2663274	CHR3:2663274	SSF x Far_LoA	-9,13821622	-0,020	0,309
CHR3	2663353	CHR3:2663353	SSF x Far_LoA	-8,27340973	0,149	0,292
CHR3	2663358	CHR3:2663358	SSF x Far_LoA	-2,00559839	-0,172	0,311
CHR3	26642668	CHR3:26642668	SSF x Far_LoA	-9,9082637	-0,005	0,307
CHR3	2664630	CHR3:2664630	SSF x Far_LoA	-9,22132878	0,118	0,307
CHR3	2664652	CHR3:2664652	SSF x Far_LoA	-10,9568874	0,038	0,303
CHR3	2664676	CHR3:2664676	SSF x Far_LoA	0,82874239	-0,034	0,305
CHR3	2665408	CHR3:2665408	SSF x Far_LoA	-9,09897918	0,059	0,305
CHR3	26699807	CHR3:26699807	SSF x Far_LoA	-6,47542947	-0,125	0,297
CHR3	2670059	CHR3:2670059	SSF x Far_LoA	-8,55409305	-0,010	0,313
CHR3	2670079	CHR3:2670079	SSF x Far_LoA	-9,86204096	-0,022	0,300
CHR3	2670106	CHR3:2670106	SSF x Far_LoA	-10,155073	-0,042	0,295
CHR3	26702669	CHR3:26702669	SSF x Far_LoA	-7,63811605	0,159	0,309
CHR3	2670268	CHR3:2670268	SSF x Far_LoA	-11,1670716	0,018	0,300
CHR3	26702801	CHR3:26702801	SSF x Far_LoA	-9,28314267	-0,060	0,300
CHR3	26718404	CHR3:26718404	SSF x Far_LoA	-8,00683886	-0,134	0,318
CHR3	26723210	CHR3:26723210	SSF x Far_LoA	-4,54009345	0,188	0,298
CHR3	26729634	CHR3:26729634	SSF x Far_LoA	-9,04724916	-0,039	0,320
CHR3	26736140	CHR3:26736140	SSF x Far_LoA	-7,72810934	0,126	0,303
CHR3	26736142	CHR3:26736142	SSF x Far_LoA	-5,0282149	0,162	0,305
CHR3	26743504	CHR3:26743504	SSF x Far_LoA	-10,7033349	-0,016	0,304
CHR3	26743528	CHR3:26743528	SSF x Far_LoA	-8,2294579	0,105	0,319
CHR3	26743543	CHR3:26743543	SSF x Far_LoA	-10,9687735	-0,025	0,311
CHR3	26743577	CHR3:26743577	SSF x Far_LoA	-9,4622851	-0,049	0,319
CHR3	26743626	CHR3:26743626	SSF x Far_LoA	-7,33188635	-0,001	0,298
CHR3	26758835	CHR3:26758835	SSF x Far_LoA	-11,4275264	-0,037	0,307
CHR3	2680005	CHR3:2680005	SSF x Far_LoA	-9,50089147	0,177	0,288
CHR3	2680809	CHR3:2680809	SSF x Far_LoA	-10,8976361	-0,031	0,292
CHR3	2680812	CHR3:2680812	SSF x Far_LoA	-7,31834157	-0,113	0,306

CHR3	2680835	CHR3:2680835	SSF x Far_LoA	-9,18186623	0,090	0,310
CHR3	26808841	CHR3:26808841	SSF x Far_LoA	-10,6166509	-0,055	0,303
CHR3	26808887	CHR3:26808887	SSF x Far_LoA	-10,9724478	0,039	0,325
CHR3	26827934	CHR3:26827934	SSF x Far_LoA	-9,79891475	-0,038	0,319
CHR3	26840065	CHR3:26840065	SSF x Far_LoA	-8,47367707	-0,015	0,321
CHR3	26852618	CHR3:26852618	SSF x Far_LoA	-10,7740877	0,038	0,319
CHR3	26866898	CHR3:26866898	SSF x Far_LoA	-10,7858733	-0,020	0,305
CHR3	26934987	CHR3:26934987	SSF x Far_LoA	-9,76327106	0,015	0,313
CHR3	26941575	CHR3:26941575	SSF x Far_LoA	-10,0909558	-0,008	0,293
CHR3	26953011	CHR3:26953011	SSF x Far_LoA	-9,11009366	0,087	0,307
CHR3	26968016	CHR3:26968016	SSF x Far_LoA	-11,1523363	-0,086	0,307
CHR3	26968059	CHR3:26968059	SSF x Far_LoA	-9,4694253	-0,106	0,300
CHR3	26968075	CHR3:26968075	SSF x Far_LoA	-8,74505428	0,069	0,307
CHR3	26969449	CHR3:26969449	SSF x Far_LoA	-10,2961711	-0,100	0,279
CHR3	26969450	CHR3:26969450	SSF x Far_LoA	-9,16144947	0,129	0,289
CHR3	26974200	CHR3:26974200	SSF x Far_LoA	-9,53185457	-0,030	0,317
CHR3	26980190	CHR3:26980190	SSF x Far_LoA	-7,64625806	-0,039	0,317
CHR3	26980252	CHR3:26980252	SSF x Far_LoA	-9,81128938	-0,070	0,301
CHR3	26980253	CHR3:26980253	SSF x Far_LoA	-9,48914994	0,048	0,304
CHR3	26988907	CHR3:26988907	SSF x Far_LoA	-9,45699078	-0,071	0,298
CHR3	26991917	CHR3:26991917	SSF x Far_LoA	-9,58498608	-0,044	0,293
CHR3	26991935	CHR3:26991935	SSF x Far_LoA	-9,55347009	-0,063	0,307
CHR3	26991987	CHR3:26991987	SSF x Far_LoA	-10,9493046	-0,029	0,314
CHR3	26992001	CHR3:26992001	SSF x Far_LoA	-8,58817274	0,084	0,310
CHR3	26992004	CHR3:26992004	SSF x Far_LoA	-8,13794617	0,042	0,320
CHR3	26992008	CHR3:26992008	SSF x Far_LoA	-9,84737513	0,001	0,306
CHR3	26992009	CHR3:26992009	SSF x Far_LoA	-6,2875965	0,029	0,310
CHR3	27000116	CHR3:27000116	SSF x Far_LoA	-8,77372611	-0,110	0,312
CHR3	2701390	CHR3:2701390	SSF x Far_LoA	-8,42872211	0,040	0,298
CHR3	2701396	CHR3:2701396	SSF x Far_LoA	-10,9401216	-0,114	0,304
CHR3	2701400	CHR3:2701400	SSF x Far_LoA	-8,71236704	0,051	0,319
CHR3	2701481	CHR3:2701481	SSF x Far_LoA	-8,66200295	0,140	0,307
CHR3	2701490	CHR3:2701490	SSF x Far_LoA	-5,85519228	-0,026	0,312
CHR3	2701751	CHR3:2701751	SSF x Far_LoA	-9,47152774	0,064	0,311
CHR3	2701753	CHR3:2701753	SSF x Far_LoA	-11,0857276	0,019	0,302
CHR3	27023169	CHR3:27023169	SSF x Far_LoA	-9,43683528	-0,082	0,320
CHR3	27043692	CHR3:27043692	SSF x Far_LoA	-8,21781784	0,061	0,306
CHR3	27043719	CHR3:27043719	SSF x Far_LoA	-7,59023325	-0,054	0,297
CHR3	27043757	CHR3:27043757	SSF x Far_LoA	-6,62216794	0,028	0,315
CHR3	27043787	CHR3:27043787	SSF x Far_LoA	-8,05657274	0,054	0,307
CHR3	27043836	CHR3:27043836	SSF x Far_LoA	-8,08217377	0,057	0,310
CHR3	27043842	CHR3:27043842	SSF x Far_LoA	-10,0813968	-0,075	0,304
CHR3	27043847	CHR3:27043847	SSF x Far_LoA	-9,02010986	0,090	0,308
CHR3	27044018	CHR3:27044018	SSF x Far_LoA	-11,8202953	0,057	0,304
CHR3	27044026	CHR3:27044026	SSF x Far_LoA	-7,93424428	0,124	0,311
CHR3	27066533	CHR3:27066533	SSF x Far_LoA	-9,02875441	-0,044	0,322
CHR3	27066538	CHR3:27066538	SSF x Far_LoA	-12,0450712	-0,016	0,302
CHR3	27066555	CHR3:27066555	SSF x Far_LoA	-7,05459644	-0,071	0,302
CHR3	27066754	CHR3:27066754	SSF x Far_LoA	-7,75686566	-0,038	0,303
CHR3	27075110	CHR3:27075110	SSF x Far_LoA	-5,54039335	0,067	0,302
CHR3	27075138	CHR3:27075138	SSF x Far_LoA	-9,77272611	0,070	0,285
CHR3	27079773	CHR3:27079773	SSF x Far_LoA	-9,52137709	-0,065	0,307
CHR3	27079795	CHR3:27079795	SSF x Far_LoA	-9,22530109	0,054	0,312

CHR3	27079984	CHR3:27079984	SSF x Far_LoA	-9,36187955	-0,161	0,298
CHR3	2708029	CHR3:2708029	SSF x Far_LoA	-11,1700068	0,028	0,312
CHR3	2708271	CHR3:2708271	SSF x Far_LoA	-8,63972215	0,066	0,320
CHR3	2708291	CHR3:2708291	SSF x Far_LoA	-7,84779254	0,114	0,304
CHR3	27097355	CHR3:27097355	SSF x Far_LoA	-9,71025353	-0,114	0,298
CHR3	27097370	CHR3:27097370	SSF x Far_LoA	-9,37707253	-0,143	0,300
CHR3	27121927	CHR3:27121927	SSF x Far_LoA	-10,6033544	0,003	0,303
CHR3	27124846	CHR3:27124846	SSF x Far_LoA	-8,07968296	-0,025	0,301
CHR3	27124915	CHR3:27124915	SSF x Far_LoA	-11,0419017	0,045	0,304
CHR3	27127677	CHR3:27127677	SSF x Far_LoA	-8,5059492	-0,047	0,290
CHR3	27140017	CHR3:27140017	SSF x Far_LoA	-8,86261727	0,105	0,307
CHR3	27140029	CHR3:27140029	SSF x Far_LoA	-7,19947317	0,025	0,310
CHR3	27142398	CHR3:27142398	SSF x Far_LoA	-8,99637979	0,178	0,294
CHR3	27142415	CHR3:27142415	SSF x Far_LoA	-7,97940251	0,212	0,275
CHR3	27148059	CHR3:27148059	SSF x Far_LoA	-8,27787785	-0,074	0,306
CHR3	27148180	CHR3:27148180	SSF x Far_LoA	-10,1731678	-0,099	0,309
CHR3	27148257	CHR3:27148257	SSF x Far_LoA	-9,11885398	-0,076	0,311
CHR3	27162473	CHR3:27162473	SSF x Far_LoA	-9,86525405	-0,059	0,305
CHR3	27162600	CHR3:27162600	SSF x Far_LoA	-10,2477152	-0,074	0,309
CHR3	27162649	CHR3:27162649	SSF x Far_LoA	-12,4440197	-0,034	0,293
CHR3	27162658	CHR3:27162658	SSF x Far_LoA	-11,9700675	-0,003	0,312
CHR3	27162742	CHR3:27162742	SSF x Far_LoA	-9,70756494	-0,112	0,289
CHR3	27166904	CHR3:27166904	SSF x Far_LoA	-7,80242058	0,040	0,310
CHR3	27166905	CHR3:27166905	SSF x Far_LoA	-7,71161112	0,122	0,323
CHR3	27166913	CHR3:27166913	SSF x Far_LoA	-8,63717005	-0,103	0,315
CHR3	27166941	CHR3:27166941	SSF x Far_LoA	-12,4856593	-0,027	0,312
CHR3	27166950	CHR3:27166950	SSF x Far_LoA	-8,04269347	0,045	0,316
CHR3	27214463	CHR3:27214463	SSF x Far_LoA	-7,84323783	0,017	0,309
CHR3	27214477	CHR3:27214477	SSF x Far_LoA	-7,37161421	0,059	0,307
CHR3	2721463	CHR3:2721463	SSF x Far_LoA	-9,34801973	0,072	0,292
CHR3	27216799	CHR3:27216799	SSF x Far_LoA	-9,02978527	-0,024	0,303
CHR3	27216835	CHR3:27216835	SSF x Far_LoA	-1,29584214	-0,153	0,305
CHR3	27216978	CHR3:27216978	SSF x Far_LoA	-6,14807486	0,153	0,303
CHR3	27217011	CHR3:27217011	SSF x Far_LoA	-11,9559493	0,052	0,307
CHR3	27222456	CHR3:27222456	SSF x Far_LoA	-11,0904241	-0,051	0,305
CHR3	27222457	CHR3:27222457	SSF x Far_LoA	-11,6117435	-0,042	0,302
CHR3	27228709	CHR3:27228709	SSF x Far_LoA	-10,5062501	0,104	0,290
CHR3	27228726	CHR3:27228726	SSF x Far_LoA	-7,24856918	0,111	0,301
CHR3	27228799	CHR3:27228799	SSF x Far_LoA	-8,70391646	-0,043	0,313
CHR3	27235240	CHR3:27235240	SSF x Far_LoA	-8,27537948	0,055	0,302
CHR3	27235250	CHR3:27235250	SSF x Far_LoA	-10,8752921	0,049	0,284
CHR3	27246625	CHR3:27246625	SSF x Far_LoA	-8,9359726	-0,013	0,305
CHR3	27246672	CHR3:27246672	SSF x Far_LoA	-9,29084046	-0,026	0,305
CHR3	27246696	CHR3:27246696	SSF x Far_LoA	-9,50214985	-0,037	0,311
CHR3	27246728	CHR3:27246728	SSF x Far_LoA	-7,0720466	-0,002	0,317
CHR3	27246798	CHR3:27246798	SSF x Far_LoA	-7,7085862	-0,096	0,313
CHR3	27256584	CHR3:27256584	SSF x Far_LoA	-9,43211767	0,039	0,312
CHR3	27256738	CHR3:27256738	SSF x Far_LoA	-11,1376419	0,017	0,300
CHR3	27256768	CHR3:27256768	SSF x Far_LoA	-8,91644303	0,011	0,304
CHR3	27266782	CHR3:27266782	SSF x Far_LoA	-8,98452262	-0,062	0,324
CHR3	27266816	CHR3:27266816	SSF x Far_LoA	-8,73098624	-0,136	0,291
CHR3	27266834	CHR3:27266834	SSF x Far_LoA	-8,26877769	-0,078	0,294
CHR3	27267578	CHR3:27267578	SSF x Far_LoA	-11,5850549	-0,002	0,309

CHR3	2726837	CHR3:2726837	SSF x Far_LoA	4,39818789	0,178	0,277
CHR3	27277149	CHR3:27277149	SSF x Far_LoA	-9,43658741	-0,028	0,312
CHR3	27277251	CHR3:27277251	SSF x Far_LoA	-8,44246657	-0,044	0,319
CHR3	27277280	CHR3:27277280	SSF x Far_LoA	-8,33650146	0,096	0,300
CHR3	27284819	CHR3:27284819	SSF x Far_LoA	-8,40732753	-0,052	0,315
CHR3	27284828	CHR3:27284828	SSF x Far_LoA	-5,88104917	-0,092	0,299
CHR3	27291284	CHR3:27291284	SSF x Far_LoA	-8,69933102	0,007	0,304
CHR3	27291359	CHR3:27291359	SSF x Far_LoA	-9,78922601	-0,051	0,303
CHR3	27291419	CHR3:27291419	SSF x Far_LoA	-10,2777245	-0,060	0,311
CHR3	2729297	CHR3:2729297	SSF x Far_LoA	-8,78531547	0,069	0,303
CHR3	2729393	CHR3:2729393	SSF x Far_LoA	-10,132505	-0,073	0,321
CHR3	27304261	CHR3:27304261	SSF x Far_LoA	-9,87448971	0,080	0,300
CHR3	2730678	CHR3:2730678	SSF x Far_LoA	-8,67210059	0,045	0,312
CHR3	27317015	CHR3:27317015	SSF x Far_LoA	-9,26506034	0,059	0,303
CHR3	27319894	CHR3:27319894	SSF x Far_LoA	-7,35117551	-0,152	0,293
CHR3	27322801	CHR3:27322801	SSF x Far_LoA	-8,19600701	0,028	0,315
CHR3	27322825	CHR3:27322825	SSF x Far_LoA	-8,14128106	0,133	0,313
CHR3	27323704	CHR3:27323704	SSF x Far_LoA	-10,4591167	0,012	0,303
CHR3	27323854	CHR3:27323854	SSF x Far_LoA	-9,18947173	0,103	0,294
CHR3	27323860	CHR3:27323860	SSF x Far_LoA	-3,12787687	-0,087	0,311
CHR3	27323904	CHR3:27323904	SSF x Far_LoA	-8,7644071	-0,048	0,310
CHR3	27328980	CHR3:27328980	SSF x Far_LoA	-8,51514639	-0,058	0,283
CHR3	27333087	CHR3:27333087	SSF x Far_LoA	-9,3194871	0,032	0,310
CHR3	27333091	CHR3:27333091	SSF x Far_LoA	-9,7339759	0,006	0,306
CHR3	27333101	CHR3:27333101	SSF x Far_LoA	-11,2881143	-0,119	0,301
CHR3	27333124	CHR3:27333124	SSF x Far_LoA	-8,89591153	0,007	0,330
CHR3	27333186	CHR3:27333186	SSF x Far_LoA	-9,45381098	0,026	0,309
CHR3	27338084	CHR3:27338084	SSF x Far_LoA	-10,903966	0,083	0,301
CHR3	27338093	CHR3:27338093	SSF x Far_LoA	-6,28964252	0,149	0,306
CHR3	27338116	CHR3:27338116	SSF x Far_LoA	-11,0831112	0,010	0,310
CHR3	2733950	CHR3:2733950	SSF x Far_LoA	3,73068112	0,063	0,317
CHR3	27341439	CHR3:27341439	SSF x Far_LoA	-5,39184568	0,082	0,297
CHR3	27341470	CHR3:27341470	SSF x Far_LoA	-5,02909379	0,162	0,315
CHR3	27341484	CHR3:27341484	SSF x Far_LoA	-7,75309071	0,054	0,299
CHR3	27341539	CHR3:27341539	SSF x Far_LoA	-8,67920633	0,020	0,319
CHR3	27341555	CHR3:27341555	SSF x Far_LoA	-9,82517055	-0,132	0,296
CHR3	27341609	CHR3:27341609	SSF x Far_LoA	-8,13577531	-0,149	0,321
CHR3	27341717	CHR3:27341717	SSF x Far_LoA	-6,19825	0,076	0,296
CHR3	2734239	CHR3:2734239	SSF x Far_LoA	-9,07152555	0,060	0,317
CHR3	2734249	CHR3:2734249	SSF x Far_LoA	-9,16317636	-0,095	0,296
CHR3	2734253	CHR3:2734253	SSF x Far_LoA	-8,6444057	0,069	0,305
CHR3	2734264	CHR3:2734264	SSF x Far_LoA	-10,2264319	-0,052	0,300
CHR3	2734337	CHR3:2734337	SSF x Far_LoA	-7,27092381	-0,113	0,300
CHR3	27344352	CHR3:27344352	SSF x Far_LoA	-11,3844667	-0,001	0,318
CHR3	27344416	CHR3:27344416	SSF x Far_LoA	-11,4649877	0,064	0,298
CHR3	27347193	CHR3:27347193	SSF x Far_LoA	-6,10700773	-0,029	0,298
CHR3	27347216	CHR3:27347216	SSF x Far_LoA	-9,72657898	-0,030	0,308
CHR3	27347404	CHR3:27347404	SSF x Far_LoA	-9,69508584	-0,095	0,297
CHR3	27348391	CHR3:27348391	SSF x Far_LoA	-7,42079723	-0,129	0,304
CHR3	27382317	CHR3:27382317	SSF x Far_LoA	-1,56761678	0,181	0,286
CHR3	27386687	CHR3:27386687	SSF x Far_LoA	-4,77395068	0,145	0,284
CHR3	27386713	CHR3:27386713	SSF x Far_LoA	-11,1255032	-0,075	0,313
CHR3	27391535	CHR3:27391535	SSF x Far_LoA	-10,5848848	-0,046	0,301

CHR3	27392873	CHR3:27392873	SSF x Far_LoA	-10,1421456	-0,061	0,305
CHR3	27393024	CHR3:27393024	SSF x Far_LoA	-9,09090976	-0,053	0,310
CHR3	27420628	CHR3:27420628	SSF x Far_LoA	-7,9610253	-0,044	0,307
CHR3	27420661	CHR3:27420661	SSF x Far_LoA	-9,41683142	0,049	0,302
CHR3	27430367	CHR3:27430367	SSF x Far_LoA	-7,57888512	-0,059	0,307
CHR3	27433852	CHR3:27433852	SSF x Far_LoA	-6,97508348	0,096	0,314
CHR3	27433856	CHR3:27433856	SSF x Far_LoA	-7,13320137	-0,114	0,310
CHR3	27441583	CHR3:27441583	SSF x Far_LoA	-10,9964429	0,028	0,305
CHR3	27441808	CHR3:27441808	SSF x Far_LoA	-9,62603259	-0,027	0,304
CHR3	27447359	CHR3:27447359	SSF x Far_LoA	-8,5992542	-0,088	0,296
CHR3	27447428	CHR3:27447428	SSF x Far_LoA	-9,58216239	-0,090	0,288
CHR3	27447596	CHR3:27447596	SSF x Far_LoA	-10,6917814	0,139	0,296
CHR3	27447601	CHR3:27447601	SSF x Far_LoA	-9,18709259	-0,119	0,298
CHR3	27450614	CHR3:27450614	SSF x Far_LoA	-11,6372412	-0,003	0,308
CHR3	27457659	CHR3:27457659	SSF x Far_LoA	-8,7822499	0,114	0,296
CHR3	2746121	CHR3:2746121	SSF x Far_LoA	-9,32343557	-0,003	0,318
CHR3	2746128	CHR3:2746128	SSF x Far_LoA	-9,34722116	-0,004	0,311
CHR3	27469660	CHR3:27469660	SSF x Far_LoA	-4,69852606	-0,027	0,312
CHR3	27469710	CHR3:27469710	SSF x Far_LoA	-7,07388172	-0,034	0,315
CHR3	27473812	CHR3:27473812	SSF x Far_LoA	-10,2031776	0,044	0,307
CHR3	27473845	CHR3:27473845	SSF x Far_LoA	-8,995278	0,035	0,304
CHR3	27474080	CHR3:27474080	SSF x Far_LoA	-9,24351964	-0,042	0,311
CHR3	27474108	CHR3:27474108	SSF x Far_LoA	-11,8298258	-0,003	0,302
CHR3	27487904	CHR3:27487904	SSF x Far_LoA	-8,50340313	0,085	0,316
CHR3	27495747	CHR3:27495747	SSF x Far_LoA	-5,86413445	0,072	0,301
CHR3	27495885	CHR3:27495885	SSF x Far_LoA	-7,4127684	-0,025	0,309
CHR3	27495984	CHR3:27495984	SSF x Far_LoA	-9,18871768	0,079	0,309
CHR3	27496008	CHR3:27496008	SSF x Far_LoA	-10,4436951	0,033	0,308
CHR3	2752391	CHR3:2752391	SSF x Far_LoA	-8,46077038	0,117	0,307
CHR3	2752392	CHR3:2752392	SSF x Far_LoA	-8,80360369	-0,048	0,304
CHR3	27532693	CHR3:27532693	SSF x Far_LoA	-5,58114155	-0,029	0,301
CHR3	27532753	CHR3:27532753	SSF x Far_LoA	-10,6587959	0,035	0,315
CHR3	27533711	CHR3:27533711	SSF x Far_LoA	-9,60186961	0,038	0,306
CHR3	27533740	CHR3:27533740	SSF x Far_LoA	-8,82763529	-0,071	0,300
CHR3	27533811	CHR3:27533811	SSF x Far_LoA	-9,78854066	-0,075	0,318
CHR3	27544777	CHR3:27544777	SSF x Far_LoA	-10,1575547	0,013	0,316
CHR3	27544912	CHR3:27544912	SSF x Far_LoA	-9,92619274	0,048	0,313
CHR3	27544993	CHR3:27544993	SSF x Far_LoA	-8,73539349	0,082	0,301
CHR3	27545051	CHR3:27545051	SSF x Far_LoA	-8,99768684	0,050	0,306
CHR3	27559545	CHR3:27559545	SSF x Far_LoA	-11,096971	-0,089	0,313
CHR3	27559606	CHR3:27559606	SSF x Far_LoA	-11,4958609	0,024	0,309
CHR3	27559650	CHR3:27559650	SSF x Far_LoA	-7,98154244	-0,071	0,318
CHR3	27559851	CHR3:27559851	SSF x Far_LoA	-9,97535326	0,009	0,318
CHR3	27559864	CHR3:27559864	SSF x Far_LoA	-10,5373601	0,037	0,307
CHR3	27561355	CHR3:27561355	SSF x Far_LoA	-11,3744593	0,088	0,292
CHR3	27563085	CHR3:27563085	SSF x Far_LoA	-8,92287985	-0,029	0,313
CHR3	27563108	CHR3:27563108	SSF x Far_LoA	-8,77661639	-0,041	0,321
CHR3	27563175	CHR3:27563175	SSF x Far_LoA	-11,167398	-0,023	0,306
CHR3	27578812	CHR3:27578812	SSF x Far_LoA	-9,2978168	0,011	0,306
CHR3	27578816	CHR3:27578816	SSF x Far_LoA	-10,941975	-0,090	0,303
CHR3	27579078	CHR3:27579078	SSF x Far_LoA	-6,50224365	0,011	0,329
CHR3	27579166	CHR3:27579166	SSF x Far_LoA	-10,751529	0,029	0,304
CHR3	27585609	CHR3:27585609	SSF x Far_LoA	-10,5742523	-0,088	0,296

CHR3	2759046	CHR3:2759046	SSF x Far_LoA	-8,57798511	0,019	0,327
CHR3	27591579	CHR3:27591579	SSF x Far_LoA	-9,16486414	-0,092	0,312
CHR3	27605963	CHR3:27605963	SSF x Far_LoA	-10,6469734	-0,117	0,305
CHR3	27605964	CHR3:27605964	SSF x Far_LoA	-11,2008748	-0,095	0,294
CHR3	2760884	CHR3:2760884	SSF x Far_LoA	-7,35318461	-0,084	0,301
CHR3	2760912	CHR3:2760912	SSF x Far_LoA	-10,0658526	-0,129	0,307
CHR3	2760977	CHR3:2760977	SSF x Far_LoA	-9,88693463	-0,019	0,312
CHR3	27623710	CHR3:27623710	SSF x Far_LoA	-9,46162646	0,121	0,306
CHR3	27623860	CHR3:27623860	SSF x Far_LoA	-6,65414987	-0,225	0,302
CHR3	27623904	CHR3:27623904	SSF x Far_LoA	-8,89793406	-0,117	0,308
CHR3	27623932	CHR3:27623932	SSF x Far_LoA	-11,1523563	-0,028	0,304
CHR3	27623934	CHR3:27623934	SSF x Far_LoA	-2,61657804	0,139	0,315
CHR3	27625356	CHR3:27625356	SSF x Far_LoA	-8,68729101	0,047	0,305
CHR3	27626415	CHR3:27626415	SSF x Far_LoA	-7,96273896	0,051	0,297
CHR3	27627863	CHR3:27627863	SSF x Far_LoA	-11,4458237	-0,047	0,295
CHR3	27627867	CHR3:27627867	SSF x Far_LoA	-8,52288616	-0,029	0,303
CHR3	27628091	CHR3:27628091	SSF x Far_LoA	-11,3788162	0,117	0,285
CHR3	27628127	CHR3:27628127	SSF x Far_LoA	-10,9779434	0,071	0,290
CHR3	27628145	CHR3:27628145	SSF x Far_LoA	-9,13349605	0,005	0,304
CHR3	2763803	CHR3:2763803	SSF x Far_LoA	-11,6990678	-0,045	0,311
CHR3	2763929	CHR3:2763929	SSF x Far_LoA	-8,62890346	0,127	0,305
CHR3	27645817	CHR3:27645817	SSF x Far_LoA	-8,84245365	0,044	0,299
CHR3	27645843	CHR3:27645843	SSF x Far_LoA	-8,37825932	-0,060	0,304
CHR3	27647215	CHR3:27647215	SSF x Far_LoA	-9,05875726	0,154	0,291
CHR3	27658324	CHR3:27658324	SSF x Far_LoA	-8,32135127	-0,080	0,303
CHR3	27658338	CHR3:27658338	SSF x Far_LoA	-6,51991114	-0,108	0,302
CHR3	27658340	CHR3:27658340	SSF x Far_LoA	-9,33975254	-0,111	0,287
CHR3	27658381	CHR3:27658381	SSF x Far_LoA	-9,38853064	0,052	0,311
CHR3	27661992	CHR3:27661992	SSF x Far_LoA	-9,43973938	-0,029	0,317
CHR3	27662086	CHR3:27662086	SSF x Far_LoA	-11,9921459	0,002	0,304
CHR3	27662088	CHR3:27662088	SSF x Far_LoA	-10,5678169	0,020	0,312
CHR3	27665361	CHR3:27665361	SSF x Far_LoA	-10,2541788	-0,012	0,297
CHR3	27669182	CHR3:27669182	SSF x Far_LoA	-8,17718842	0,035	0,304
CHR3	27669253	CHR3:27669253	SSF x Far_LoA	-8,37298179	0,017	0,316
CHR3	27669280	CHR3:27669280	SSF x Far_LoA	-8,83952744	-0,040	0,306
CHR3	27669396	CHR3:27669396	SSF x Far_LoA	-9,83393343	-0,017	0,303
CHR3	27671464	CHR3:27671464	SSF x Far_LoA	-6,82775558	0,077	0,320
CHR3	27675028	CHR3:27675028	SSF x Far_LoA	-8,138458	0,006	0,311
CHR3	2767768	CHR3:2767768	SSF x Far_LoA	-8,8129051	0,121	0,292
CHR3	2767793	CHR3:2767793	SSF x Far_LoA	-9,62200956	-0,102	0,305
CHR3	2767797	CHR3:2767797	SSF x Far_LoA	-7,86145367	0,172	0,272
CHR3	2767802	CHR3:2767802	SSF x Far_LoA	-7,5623746	-0,086	0,299
CHR3	27680987	CHR3:27680987	SSF x Far_LoA	-7,19395001	0,012	0,310
CHR3	27681148	CHR3:27681148	SSF x Far_LoA	-11,1642473	-0,136	0,292
CHR3	27681270	CHR3:27681270	SSF x Far_LoA	-11,0384009	0,027	0,318
CHR3	27681293	CHR3:27681293	SSF x Far_LoA	-9,40895062	0,067	0,296
CHR3	27690019	CHR3:27690019	SSF x Far_LoA	-9,12338011	-0,017	0,324
CHR3	27690067	CHR3:27690067	SSF x Far_LoA	-7,71347115	0,134	0,305
CHR3	27693849	CHR3:27693849	SSF x Far_LoA	-6,87363971	0,034	0,317
CHR3	27696607	CHR3:27696607	SSF x Far_LoA	-9,05921409	0,024	0,306
CHR3	27699908	CHR3:27699908	SSF x Far_LoA	-12,3736137	0,006	0,307
CHR3	27700084	CHR3:27700084	SSF x Far_LoA	-7,70003916	-0,092	0,306
CHR3	27700096	CHR3:27700096	SSF x Far_LoA	-10,0328544	-0,017	0,306

CHR3	27704932	CHR3:27704932	SSF x Far_LoA	-10,1971347	0,000	0,302
CHR3	27705013	CHR3:27705013	SSF x Far_LoA	-8,1309797	-0,133	0,295
CHR3	27705176	CHR3:27705176	SSF x Far_LoA	-11,4940561	-0,067	0,295
CHR3	27720461	CHR3:27720461	SSF x Far_LoA	-9,88972828	-0,043	0,319
CHR3	27720475	CHR3:27720475	SSF x Far_LoA	-11,5413398	-0,012	0,294
CHR3	27720517	CHR3:27720517	SSF x Far_LoA	-6,9126966	0,058	0,306
CHR3	27721974	CHR3:27721974	SSF x Far_LoA	-9,03653171	-0,042	0,311
CHR3	27722061	CHR3:27722061	SSF x Far_LoA	-8,88051059	-0,042	0,314
CHR3	27725027	CHR3:27725027	SSF x Far_LoA	-8,91280329	0,081	0,316
CHR3	27727071	CHR3:27727071	SSF x Far_LoA	-8,32206995	0,096	0,308
CHR3	27728281	CHR3:27728281	SSF x Far_LoA	-10,2448541	0,126	0,301
CHR3	27728345	CHR3:27728345	SSF x Far_LoA	-9,19957496	0,016	0,299
CHR3	27728391	CHR3:27728391	SSF x Far_LoA	-8,03370784	0,147	0,290
CHR3	27741161	CHR3:27741161	SSF x Far_LoA	-11,5003534	0,002	0,309
CHR3	27741302	CHR3:27741302	SSF x Far_LoA	-6,50777407	-0,087	0,294
CHR3	27751094	CHR3:27751094	SSF x Far_LoA	-9,65585303	0,053	0,312
CHR3	27755861	CHR3:27755861	SSF x Far_LoA	-9,44009465	0,120	0,304
CHR3	27755945	CHR3:27755945	SSF x Far_LoA	-10,2238872	0,002	0,308
CHR3	27755946	CHR3:27755946	SSF x Far_LoA	-7,87261198	0,036	0,323
CHR3	27779835	CHR3:27779835	SSF x Far_LoA	-9,87400046	-0,021	0,313
CHR3	27779862	CHR3:27779862	SSF x Far_LoA	-10,4777643	-0,067	0,316
CHR3	27785274	CHR3:27785274	SSF x Far_LoA	-9,27875974	0,069	0,303
CHR3	27788073	CHR3:27788073	SSF x Far_LoA	-8,44800505	-0,113	0,289
CHR3	27788134	CHR3:27788134	SSF x Far_LoA	-8,39490984	0,041	0,306
CHR3	27788234	CHR3:27788234	SSF x Far_LoA	-5,24984904	0,099	0,296
CHR3	27788250	CHR3:27788250	SSF x Far_LoA	-9,45797683	0,056	0,317
CHR3	27788253	CHR3:27788253	SSF x Far_LoA	-11,1891502	-0,004	0,302
CHR3	27798307	CHR3:27798307	SSF x Far_LoA	-9,83522327	0,094	0,296
CHR3	27798458	CHR3:27798458	SSF x Far_LoA	-7,71059639	0,075	0,305
CHR3	27798547	CHR3:27798547	SSF x Far_LoA	-10,0863453	0,026	0,310
CHR3	27798730	CHR3:27798730	SSF x Far_LoA	-11,736817	0,059	0,302
CHR3	27837417	CHR3:27837417	SSF x Far_LoA	-8,85761927	0,037	0,309
CHR3	27838694	CHR3:27838694	SSF x Far_LoA	-6,56794986	0,156	0,314
CHR3	27838858	CHR3:27838858	SSF x Far_LoA	-8,56274238	-0,094	0,308
CHR3	27838887	CHR3:27838887	SSF x Far_LoA	-9,94263045	-0,053	0,309
CHR3	27840102	CHR3:27840102	SSF x Far_LoA	-8,79817503	-0,094	0,301
CHR3	27842627	CHR3:27842627	SSF x Far_LoA	-6,51531768	-0,079	0,305
CHR3	27842628	CHR3:27842628	SSF x Far_LoA	-10,2268756	-0,066	0,310
CHR3	27843552	CHR3:27843552	SSF x Far_LoA	-7,16928793	0,156	0,298
CHR3	27844970	CHR3:27844970	SSF x Far_LoA	-4,34618678	0,237	0,289
CHR3	27845176	CHR3:27845176	SSF x Far_LoA	-8,1347997	0,135	0,307
CHR3	27848634	CHR3:27848634	SSF x Far_LoA	-8,46993877	0,013	0,309
CHR3	27848658	CHR3:27848658	SSF x Far_LoA	-9,37236691	0,092	0,301
CHR3	27848811	CHR3:27848811	SSF x Far_LoA	-9,57803062	-0,120	0,303
CHR3	27858152	CHR3:27858152	SSF x Far_LoA	-6,26809601	-0,194	0,294
CHR3	27858680	CHR3:27858680	SSF x Far_LoA	-10,3732255	0,068	0,305
CHR3	27858681	CHR3:27858681	SSF x Far_LoA	-10,1775423	0,100	0,296
CHR3	2786197	CHR3:2786197	SSF x Far_LoA	-9,90326234	-0,049	0,309
CHR3	27871465	CHR3:27871465	SSF x Far_LoA	-1,68533441	0,007	0,317
CHR3	27871575	CHR3:27871575	SSF x Far_LoA	-12,0376807	-0,039	0,307
CHR3	27871643	CHR3:27871643	SSF x Far_LoA	-8,53652042	0,009	0,307
CHR3	27871680	CHR3:27871680	SSF x Far_LoA	-9,83858533	-0,053	0,309
CHR3	27876092	CHR3:27876092	SSF x Far_LoA	-9,52434596	0,022	0,302

CHR3	27885056	CHR3:27885056	SSF x Far_LoA	-8,99540768	-0,020	0,293
CHR3	27908588	CHR3:27908588	SSF x Far_LoA	-9,44479114	-0,045	0,300
CHR3	27908614	CHR3:27908614	SSF x Far_LoA	-8,73457333	-0,055	0,318
CHR3	27917002	CHR3:27917002	SSF x Far_LoA	-8,18522853	0,022	0,316
CHR3	27917018	CHR3:27917018	SSF x Far_LoA	-9,01666375	0,032	0,306
CHR3	27917115	CHR3:27917115	SSF x Far_LoA	-8,98890858	-0,001	0,300
CHR3	27917177	CHR3:27917177	SSF x Far_LoA	-11,1874362	-0,062	0,289
CHR3	27942691	CHR3:27942691	SSF x Far_LoA	-10,2273237	-0,056	0,303
CHR3	27942696	CHR3:27942696	SSF x Far_LoA	-7,45701818	0,044	0,310
CHR3	27942701	CHR3:27942701	SSF x Far_LoA	-10,3243013	0,068	0,304
CHR3	27942719	CHR3:27942719	SSF x Far_LoA	-10,2563648	0,099	0,299
CHR3	27942733	CHR3:27942733	SSF x Far_LoA	-10,3396155	0,098	0,307
CHR3	27942758	CHR3:27942758	SSF x Far_LoA	-9,74620347	0,003	0,303
CHR3	27942822	CHR3:27942822	SSF x Far_LoA	-8,40288477	0,094	0,302
CHR3	27942861	CHR3:27942861	SSF x Far_LoA	-9,74198338	0,031	0,305
CHR3	27942902	CHR3:27942902	SSF x Far_LoA	-9,95636842	0,047	0,292
CHR3	27942905	CHR3:27942905	SSF x Far_LoA	-10,0539047	0,037	0,293
CHR3	27942922	CHR3:27942922	SSF x Far_LoA	-10,4550555	0,022	0,302
CHR3	27942932	CHR3:27942932	SSF x Far_LoA	-9,83068409	0,040	0,297
CHR3	27942937	CHR3:27942937	SSF x Far_LoA	-9,71214559	0,049	0,300
CHR3	27950291	CHR3:27950291	SSF x Far_LoA	-10,6581412	0,034	0,302
CHR3	27952025	CHR3:27952025	SSF x Far_LoA	-6,59375397	0,185	0,307
CHR3	27960862	CHR3:27960862	SSF x Far_LoA	-10,5132137	-0,111	0,305
CHR3	27960872	CHR3:27960872	SSF x Far_LoA	-0,99809604	0,122	0,314
CHR3	27960876	CHR3:27960876	SSF x Far_LoA	-9,36330309	-0,033	0,310
CHR3	27960918	CHR3:27960918	SSF x Far_LoA	-7,89497418	0,089	0,310
CHR3	27960970	CHR3:27960970	SSF x Far_LoA	-9,62655462	0,093	0,308
CHR3	27961034	CHR3:27961034	SSF x Far_LoA	-8,80515823	0,082	0,309
CHR3	27968091	CHR3:27968091	SSF x Far_LoA	-10,2729672	-0,061	0,307
CHR3	27968109	CHR3:27968109	SSF x Far_LoA	-10,2486848	-0,018	0,298
CHR3	27968366	CHR3:27968366	SSF x Far_LoA	-11,7490617	0,098	0,304
CHR3	27968403	CHR3:27968403	SSF x Far_LoA	-10,4411064	-0,021	0,321
CHR3	27981923	CHR3:27981923	SSF x Far_LoA	-11,6244633	0,016	0,315
CHR3	27989420	CHR3:27989420	SSF x Far_LoA	-10,0599471	0,004	0,308
CHR3	27989425	CHR3:27989425	SSF x Far_LoA	-8,15457287	0,013	0,304
CHR3	27989454	CHR3:27989454	SSF x Far_LoA	-9,31644356	-0,015	0,295
CHR3	27997170	CHR3:27997170	SSF x Far_LoA	-8,62292932	0,026	0,309
CHR3	27997288	CHR3:27997288	SSF x Far_LoA	-12,0483377	-0,041	0,292
CHR3	27997292	CHR3:27997292	SSF x Far_LoA	-9,06682098	0,002	0,315
CHR3	27997319	CHR3:27997319	SSF x Far_LoA	-7,87872341	-0,109	0,316
CHR3	27997327	CHR3:27997327	SSF x Far_LoA	-8,94371129	0,150	0,306
CHR3	28000111	CHR3:28000111	SSF x Far_LoA	-8,06023477	0,133	0,308
CHR3	28011476	CHR3:28011476	SSF x Far_LoA	-7,28975887	-0,154	0,285
CHR3	28013527	CHR3:28013527	SSF x Far_LoA	-8,40611633	0,098	0,293
CHR3	28013586	CHR3:28013586	SSF x Far_LoA	-7,1369363	-0,127	0,304
CHR3	28015902	CHR3:28015902	SSF x Far_LoA	-10,370105	-0,007	0,315
CHR3	28024603	CHR3:28024603	SSF x Far_LoA	-8,48521618	0,057	0,314
CHR3	28024839	CHR3:28024839	SSF x Far_LoA	-9,52834249	0,030	0,302
CHR3	28036493	CHR3:28036493	SSF x Far_LoA	-10,3453221	0,011	0,295
CHR3	28036540	CHR3:28036540	SSF x Far_LoA	-11,7511873	-0,099	0,299
CHR3	28036542	CHR3:28036542	SSF x Far_LoA	-10,8649088	-0,100	0,300
CHR3	28038930	CHR3:28038930	SSF x Far_LoA	-11,1390124	0,000	0,312
CHR3	28048350	CHR3:28048350	SSF x Far_LoA	-7,55601644	-0,048	0,310

CHR3	28048433	CHR3:28048433	SSF x Far_LoA	-9,86226633	0,044	0,305
CHR3	28048437	CHR3:28048437	SSF x Far_LoA	-9,60574726	-0,038	0,301
CHR3	28048461	CHR3:28048461	SSF x Far_LoA	-11,693565	-0,005	0,305
CHR3	28048475	CHR3:28048475	SSF x Far_LoA	-9,57726419	-0,022	0,311
CHR3	28048509	CHR3:28048509	SSF x Far_LoA	-8,28923222	0,011	0,297
CHR3	28048604	CHR3:28048604	SSF x Far_LoA	-10,2665514	0,003	0,308
CHR3	28049286	CHR3:28049286	SSF x Far_LoA	-11,4395912	-0,036	0,308
CHR3	28052668	CHR3:28052668	SSF x Far_LoA	-10,881948	0,092	0,303
CHR3	28052672	CHR3:28052672	SSF x Far_LoA	-8,04686569	-0,004	0,320
CHR3	28055780	CHR3:28055780	SSF x Far_LoA	-8,48869404	-0,043	0,305
CHR3	28055787	CHR3:28055787	SSF x Far_LoA	-8,82720058	-0,001	0,322
CHR3	28055789	CHR3:28055789	SSF x Far_LoA	-10,7332078	-0,036	0,313
CHR3	28055837	CHR3:28055837	SSF x Far_LoA	-10,338885	-0,074	0,302
CHR3	28056144	CHR3:28056144	SSF x Far_LoA	-10,809523	-0,025	0,302
CHR3	28057065	CHR3:28057065	SSF x Far_LoA	-11,5133315	-0,044	0,301
CHR3	28057121	CHR3:28057121	SSF x Far_LoA	-8,10803405	0,118	0,299
CHR3	28057157	CHR3:28057157	SSF x Far_LoA	-9,69361265	-0,060	0,323
CHR3	28060308	CHR3:28060308	SSF x Far_LoA	-10,0463797	-0,053	0,302
CHR3	28060415	CHR3:28060415	SSF x Far_LoA	-9,67586266	0,080	0,294
CHR3	28075710	CHR3:28075710	SSF x Far_LoA	-8,01523336	-0,046	0,303
CHR3	28075742	CHR3:28075742	SSF x Far_LoA	-7,85833754	0,080	0,308
CHR3	28075816	CHR3:28075816	SSF x Far_LoA	-11,7041632	0,049	0,301
CHR3	28085965	CHR3:28085965	SSF x Far_LoA	-10,4662081	0,160	0,298
CHR3	2808974	CHR3:2808974	SSF x Far_LoA	-11,5047682	0,014	0,312
CHR3	2809191	CHR3:2809191	SSF x Far_LoA	-10,8211219	-0,099	0,295
CHR3	28092868	CHR3:28092868	SSF x Far_LoA	-9,68316798	-0,078	0,312
CHR3	28093376	CHR3:28093376	SSF x Far_LoA	-8,97574493	0,028	0,311
CHR3	28094891	CHR3:28094891	SSF x Far_LoA	-6,71208621	-0,001	0,303
CHR3	28099088	CHR3:28099088	SSF x Far_LoA	-8,44761729	0,028	0,312
CHR3	28099332	CHR3:28099332	SSF x Far_LoA	-7,87911612	-0,134	0,309
CHR3	28103258	CHR3:28103258	SSF x Far_LoA	-9,47980959	-0,061	0,293
CHR3	28103370	CHR3:28103370	SSF x Far_LoA	-8,51370118	-0,049	0,315
CHR3	28103373	CHR3:28103373	SSF x Far_LoA	-9,41938871	-0,035	0,308
CHR3	28103375	CHR3:28103375	SSF x Far_LoA	-8,53439261	-0,061	0,296
CHR3	28103448	CHR3:28103448	SSF x Far_LoA	-9,83368626	-0,103	0,308
CHR3	28114052	CHR3:28114052	SSF x Far_LoA	-7,98438309	-0,030	0,311
CHR3	28114058	CHR3:28114058	SSF x Far_LoA	-8,2075143	-0,038	0,307
CHR3	28119990	CHR3:28119990	SSF x Far_LoA	-9,37803492	-0,032	0,301
CHR3	28124211	CHR3:28124211	SSF x Far_LoA	-6,256488	0,170	0,297
CHR3	28124227	CHR3:28124227	SSF x Far_LoA	-4,08541945	0,168	0,296
CHR3	28129669	CHR3:28129669	SSF x Far_LoA	-7,62062164	-0,049	0,312
CHR3	2813811	CHR3:2813811	SSF x Far_LoA	-7,18513112	0,071	0,308
CHR3	2813843	CHR3:2813843	SSF x Far_LoA	-9,29582547	-0,012	0,312
CHR3	2813844	CHR3:2813844	SSF x Far_LoA	-10,5120316	-0,023	0,314
CHR3	2813855	CHR3:2813855	SSF x Far_LoA	-9,01738447	-0,010	0,308
CHR3	2813891	CHR3:2813891	SSF x Far_LoA	-3,6121571	0,027	0,302
CHR3	28142892	CHR3:28142892	SSF x Far_LoA	-7,94186001	-0,111	0,310
CHR3	28142901	CHR3:28142901	SSF x Far_LoA	-11,0229143	-0,097	0,300
CHR3	28142929	CHR3:28142929	SSF x Far_LoA	-9,93860864	-0,023	0,300
CHR3	28142931	CHR3:28142931	SSF x Far_LoA	-11,0952564	-0,049	0,300
CHR3	28142934	CHR3:28142934	SSF x Far_LoA	-10,3876619	-0,012	0,307
CHR3	28143081	CHR3:28143081	SSF x Far_LoA	-6,35306653	0,102	0,316
CHR3	28143118	CHR3:28143118	SSF x Far_LoA	-10,2177909	0,101	0,298

CHR3	28148639	CHR3:28148639	SSF x Far_LoA	-7,93718099	0,021	0,309
CHR3	28156386	CHR3:28156386	SSF x Far_LoA	-10,4457609	0,068	0,305
CHR3	28156397	CHR3:28156397	SSF x Far_LoA	-10,0324623	0,106	0,309
CHR3	28156405	CHR3:28156405	SSF x Far_LoA	-8,65133024	-0,059	0,320
CHR3	28167977	CHR3:28167977	SSF x Far_LoA	-10,9616675	0,000	0,308
CHR3	28168028	CHR3:28168028	SSF x Far_LoA	-6,67590461	0,202	0,297
CHR3	28168033	CHR3:28168033	SSF x Far_LoA	3,29652842	-0,084	0,321
CHR3	28168087	CHR3:28168087	SSF x Far_LoA	-1,97376476	0,095	0,302
CHR3	28168090	CHR3:28168090	SSF x Far_LoA	-9,35355353	0,092	0,295
CHR3	28168128	CHR3:28168128	SSF x Far_LoA	-9,17601514	0,114	0,299
CHR3	28168224	CHR3:28168224	SSF x Far_LoA	-10,4674332	0,096	0,306
CHR3	28169818	CHR3:28169818	SSF x Far_LoA	-10,2421405	-0,010	0,309
CHR3	28169914	CHR3:28169914	SSF x Far_LoA	-8,36492258	0,065	0,306
CHR3	28169923	CHR3:28169923	SSF x Far_LoA	-9,19363244	0,043	0,304
CHR3	28185111	CHR3:28185111	SSF x Far_LoA	-8,34674477	-0,047	0,322
CHR3	28193299	CHR3:28193299	SSF x Far_LoA	-10,7383557	-0,078	0,302
CHR3	28193302	CHR3:28193302	SSF x Far_LoA	-11,6540504	-0,044	0,305
CHR3	28193333	CHR3:28193333	SSF x Far_LoA	-8,82574158	0,065	0,308
CHR3	28193429	CHR3:28193429	SSF x Far_LoA	-8,69481358	-0,015	0,310
CHR3	28193431	CHR3:28193431	SSF x Far_LoA	-9,08536156	0,007	0,303
CHR3	28193440	CHR3:28193440	SSF x Far_LoA	-4,48118868	0,062	0,299
CHR3	28193480	CHR3:28193480	SSF x Far_LoA	-8,81812185	-0,160	0,295
CHR3	28203152	CHR3:28203152	SSF x Far_LoA	-10,7099684	0,012	0,294
CHR3	28211532	CHR3:28211532	SSF x Far_LoA	-5,70385752	0,066	0,280
CHR3	28211596	CHR3:28211596	SSF x Far_LoA	-7,89443547	-0,013	0,289
CHR3	28211726	CHR3:28211726	SSF x Far_LoA	-7,92151954	-0,058	0,301
CHR3	28214274	CHR3:28214274	SSF x Far_LoA	-9,11037655	-0,059	0,310
CHR3	28218998	CHR3:28218998	SSF x Far_LoA	-11,2745136	-0,022	0,307
CHR3	28219205	CHR3:28219205	SSF x Far_LoA	-5,94452242	0,023	0,304
CHR3	28223113	CHR3:28223113	SSF x Far_LoA	-10,4465431	-0,038	0,303
CHR3	28223143	CHR3:28223143	SSF x Far_LoA	-8,682622	0,092	0,308
CHR3	28223230	CHR3:28223230	SSF x Far_LoA	-8,21919917	0,010	0,311
CHR3	28238295	CHR3:28238295	SSF x Far_LoA	-8,41275095	0,093	0,316
CHR3	28238408	CHR3:28238408	SSF x Far_LoA	-8,78827379	0,040	0,314
CHR3	28243266	CHR3:28243266	SSF x Far_LoA	-10,0381945	0,056	0,304
CHR3	28243337	CHR3:28243337	SSF x Far_LoA	-10,7210121	-0,038	0,308
CHR3	28243408	CHR3:28243408	SSF x Far_LoA	-11,4996418	0,020	0,301
CHR3	28243434	CHR3:28243434	SSF x Far_LoA	-10,7807075	0,034	0,316
CHR3	28243439	CHR3:28243439	SSF x Far_LoA	-9,60219769	-0,020	0,312
CHR3	28243449	CHR3:28243449	SSF x Far_LoA	-8,38249091	0,065	0,313
CHR3	28243474	CHR3:28243474	SSF x Far_LoA	-9,06047714	0,007	0,310
CHR3	28243482	CHR3:28243482	SSF x Far_LoA	-9,89030085	-0,077	0,326
CHR3	28249473	CHR3:28249473	SSF x Far_LoA	-7,22061225	-0,098	0,306
CHR3	28249479	CHR3:28249479	SSF x Far_LoA	-8,87112265	-0,099	0,291
CHR3	28249519	CHR3:28249519	SSF x Far_LoA	-6,72493279	0,072	0,308
CHR3	28249524	CHR3:28249524	SSF x Far_LoA	-8,65162579	0,021	0,308
CHR3	28253844	CHR3:28253844	SSF x Far_LoA	-9,7551534	-0,022	0,301
CHR3	28257318	CHR3:28257318	SSF x Far_LoA	-12,44953	0,013	0,297
CHR3	28257342	CHR3:28257342	SSF x Far_LoA	-9,03537604	-0,034	0,323
CHR3	28257431	CHR3:28257431	SSF x Far_LoA	-10,0761211	-0,022	0,304
CHR3	28257465	CHR3:28257465	SSF x Far_LoA	-11,4487116	-0,092	0,288
CHR3	28257502	CHR3:28257502	SSF x Far_LoA	-4,25275352	-0,099	0,314
CHR3	28257573	CHR3:28257573	SSF x Far_LoA	-7,40904824	0,190	0,289

CHR3	28257574	CHR3:28257574	SSF x Far_LoA	-10,954413	-0,068	0,314
CHR3	28269205	CHR3:28269205	SSF x Far_LoA	-11,6981135	0,018	0,299
CHR3	28274144	CHR3:28274144	SSF x Far_LoA	-10,7439217	0,031	0,310
CHR3	28274267	CHR3:28274267	SSF x Far_LoA	-9,99367792	0,047	0,297
CHR3	28274356	CHR3:28274356	SSF x Far_LoA	-8,63844832	-0,045	0,312
CHR3	28279275	CHR3:28279275	SSF x Far_LoA	-8,12554325	0,061	0,310
CHR3	28279278	CHR3:28279278	SSF x Far_LoA	-10,6938753	-0,051	0,307
CHR3	28279290	CHR3:28279290	SSF x Far_LoA	-8,70471705	-0,038	0,315
CHR3	28279350	CHR3:28279350	SSF x Far_LoA	-10,276772	-0,047	0,310
CHR3	28279352	CHR3:28279352	SSF x Far_LoA	-10,3030393	-0,068	0,292
CHR3	28279355	CHR3:28279355	SSF x Far_LoA	-5,58775948	0,237	0,289
CHR3	28279397	CHR3:28279397	SSF x Far_LoA	-8,87851089	-0,005	0,306
CHR3	28279420	CHR3:28279420	SSF x Far_LoA	-11,2378771	0,126	0,307
CHR3	28279422	CHR3:28279422	SSF x Far_LoA	-11,6218435	0,114	0,308
CHR3	28279506	CHR3:28279506	SSF x Far_LoA	-7,05073641	-0,136	0,300
CHR3	28295658	CHR3:28295658	SSF x Far_LoA	-2,98795824	0,184	0,289
CHR3	28300120	CHR3:28300120	SSF x Far_LoA	-9,33375627	0,020	0,294
CHR3	28300121	CHR3:28300121	SSF x Far_LoA	-9,76166209	0,016	0,312
CHR3	28300136	CHR3:28300136	SSF x Far_LoA	-8,63048946	0,015	0,319
CHR3	28300144	CHR3:28300144	SSF x Far_LoA	-10,0514781	0,015	0,313
CHR3	28300222	CHR3:28300222	SSF x Far_LoA	-10,0642822	-0,082	0,309
CHR3	28300223	CHR3:28300223	SSF x Far_LoA	-9,31318353	-0,036	0,311
CHR3	28300251	CHR3:28300251	SSF x Far_LoA	-9,56149481	-0,028	0,319
CHR3	28300257	CHR3:28300257	SSF x Far_LoA	-11,2519635	-0,008	0,309
CHR3	28300275	CHR3:28300275	SSF x Far_LoA	-9,59401165	0,038	0,325
CHR3	28306304	CHR3:28306304	SSF x Far_LoA	-9,16707837	-0,046	0,315
CHR3	28306332	CHR3:28306332	SSF x Far_LoA	-6,82650237	-0,069	0,286
CHR3	28306340	CHR3:28306340	SSF x Far_LoA	-10,0849437	-0,098	0,316
CHR3	28319250	CHR3:28319250	SSF x Far_LoA	-10,3139375	0,072	0,294
CHR3	28319360	CHR3:28319360	SSF x Far_LoA	-10,4757632	-0,018	0,314
CHR3	28319403	CHR3:28319403	SSF x Far_LoA	-9,25746689	0,021	0,302
CHR3	28319444	CHR3:28319444	SSF x Far_LoA	-9,22078181	-0,030	0,305
CHR3	28319452	CHR3:28319452	SSF x Far_LoA	-9,10183041	0,042	0,314
CHR3	2832321	CHR3:2832321	SSF x Far_LoA	-9,96625655	-0,037	0,303
CHR3	28332958	CHR3:28332958	SSF x Far_LoA	-6,90333025	-0,080	0,314
CHR3	28338935	CHR3:28338935	SSF x Far_LoA	-8,91021196	0,112	0,297
CHR3	28345264	CHR3:28345264	SSF x Far_LoA	-9,66628744	0,076	0,306
CHR3	28345900	CHR3:28345900	SSF x Far_LoA	-7,93319298	-0,119	0,289
CHR3	28345942	CHR3:28345942	SSF x Far_LoA	-9,57889074	-0,025	0,328
CHR3	28359377	CHR3:28359377	SSF x Far_LoA	-9,12013278	0,087	0,299
CHR3	28408488	CHR3:28408488	SSF x Far_LoA	-9,67099649	-0,009	0,282
CHR3	28408603	CHR3:28408603	SSF x Far_LoA	-8,40676651	0,101	0,306
CHR3	28416272	CHR3:28416272	SSF x Far_LoA	-10,0952659	0,006	0,309
CHR3	28416316	CHR3:28416316	SSF x Far_LoA	-8,59490105	0,108	0,312
CHR3	28416350	CHR3:28416350	SSF x Far_LoA	-9,38537146	0,040	0,318
CHR3	28416388	CHR3:28416388	SSF x Far_LoA	-9,78697843	0,078	0,299
CHR3	28420167	CHR3:28420167	SSF x Far_LoA	-9,84692969	-0,072	0,303
CHR3	28420187	CHR3:28420187	SSF x Far_LoA	-8,41996005	-0,101	0,300
CHR3	28420353	CHR3:28420353	SSF x Far_LoA	-11,850729	-0,004	0,298
CHR3	28420393	CHR3:28420393	SSF x Far_LoA	-10,1459694	0,117	0,301
CHR3	28423308	CHR3:28423308	SSF x Far_LoA	-10,4309433	-0,023	0,312
CHR3	28423321	CHR3:28423321	SSF x Far_LoA	-10,8163124	0,129	0,291
CHR3	28423330	CHR3:28423330	SSF x Far_LoA	-10,5815408	0,106	0,292

CHR3	28423335	CHR3:28423335	SSF x Far_LoA	-11,4387496	-0,013	0,312
CHR3	28423358	CHR3:28423358	SSF x Far_LoA	-6,74822502	0,108	0,311
CHR3	28423410	CHR3:28423410	SSF x Far_LoA	-7,88815407	0,030	0,313
CHR3	28425361	CHR3:28425361	SSF x Far_LoA	-8,78488278	-0,013	0,297
CHR3	28434774	CHR3:28434774	SSF x Far_LoA	-8,57599888	0,080	0,304
CHR3	28436158	CHR3:28436158	SSF x Far_LoA	-6,26878473	-0,026	0,309
CHR3	28436235	CHR3:28436235	SSF x Far_LoA	-11,1252243	0,026	0,294
CHR3	28436237	CHR3:28436237	SSF x Far_LoA	-9,47463581	0,039	0,297
CHR3	28436245	CHR3:28436245	SSF x Far_LoA	-7,69729389	0,064	0,297
CHR3	28436258	CHR3:28436258	SSF x Far_LoA	-4,21564809	0,065	0,296
CHR3	28436282	CHR3:28436282	SSF x Far_LoA	-6,85702346	0,079	0,297
CHR3	28436302	CHR3:28436302	SSF x Far_LoA	-5,9083355	-0,073	0,296
CHR3	28436318	CHR3:28436318	SSF x Far_LoA	-10,9212423	0,008	0,300
CHR3	28436323	CHR3:28436323	SSF x Far_LoA	-7,85896292	0,033	0,301
CHR3	28436389	CHR3:28436389	SSF x Far_LoA	-10,5894332	0,004	0,294
CHR3	28437799	CHR3:28437799	SSF x Far_LoA	-11,3894444	0,065	0,304
CHR3	28446516	CHR3:28446516	SSF x Far_LoA	-8,69734879	-0,092	0,302
CHR3	28446533	CHR3:28446533	SSF x Far_LoA	-10,1514328	-0,002	0,301
CHR3	28446664	CHR3:28446664	SSF x Far_LoA	-6,79885069	0,095	0,302
CHR3	28446678	CHR3:28446678	SSF x Far_LoA	-1,08111225	-0,145	0,300
CHR3	28446695	CHR3:28446695	SSF x Far_LoA	-8,69634877	0,087	0,302
CHR3	28446763	CHR3:28446763	SSF x Far_LoA	-5,17118921	-0,116	0,291
CHR3	28448112	CHR3:28448112	SSF x Far_LoA	-6,98623096	-0,092	0,311
CHR3	28455198	CHR3:28455198	SSF x Far_LoA	-7,72363851	-0,027	0,320
CHR3	28455240	CHR3:28455240	SSF x Far_LoA	-6,98292204	0,064	0,320
CHR3	28455243	CHR3:28455243	SSF x Far_LoA	-9,92559357	0,011	0,307
CHR3	28455258	CHR3:28455258	SSF x Far_LoA	-9,89817527	-0,136	0,307
CHR3	28455286	CHR3:28455286	SSF x Far_LoA	-0,56113938	-0,209	0,309
CHR3	28455332	CHR3:28455332	SSF x Far_LoA	-10,6476067	-0,058	0,324
CHR3	28455367	CHR3:28455367	SSF x Far_LoA	-9,58624224	0,006	0,309
CHR3	28455417	CHR3:28455417	SSF x Far_LoA	-7,057602	0,126	0,314
CHR3	28466067	CHR3:28466067	SSF x Far_LoA	-10,7208493	0,041	0,296
CHR3	28466069	CHR3:28466069	SSF x Far_LoA	-10,1882943	-0,037	0,310
CHR3	28466072	CHR3:28466072	SSF x Far_LoA	-8,37852602	-0,076	0,304
CHR3	28466089	CHR3:28466089	SSF x Far_LoA	-9,99458633	0,009	0,305
CHR3	28466227	CHR3:28466227	SSF x Far_LoA	-11,4633988	-0,049	0,316
CHR3	28466333	CHR3:28466333	SSF x Far_LoA	-10,1912771	0,036	0,317
CHR3	28466346	CHR3:28466346	SSF x Far_LoA	-10,3014128	0,020	0,309
CHR3	28466348	CHR3:28466348	SSF x Far_LoA	-10,5676353	0,002	0,287
CHR3	28466349	CHR3:28466349	SSF x Far_LoA	-9,5070117	0,019	0,310
CHR3	28479956	CHR3:28479956	SSF x Far_LoA	-9,54686086	-0,075	0,308
CHR3	28480025	CHR3:28480025	SSF x Far_LoA	-9,64443342	-0,009	0,311
CHR3	28480054	CHR3:28480054	SSF x Far_LoA	-10,7577303	-0,101	0,319
CHR3	28480059	CHR3:28480059	SSF x Far_LoA	-1,6478709	-0,119	0,317
CHR3	28481129	CHR3:28481129	SSF x Far_LoA	-10,6918369	-0,019	0,317
CHR3	28481217	CHR3:28481217	SSF x Far_LoA	-9,56861736	0,038	0,319
CHR3	28482875	CHR3:28482875	SSF x Far_LoA	-8,91755294	0,020	0,301
CHR3	28482882	CHR3:28482882	SSF x Far_LoA	-8,16372329	-0,058	0,319
CHR3	28482941	CHR3:28482941	SSF x Far_LoA	-10,832555	-0,017	0,297
CHR3	28482955	CHR3:28482955	SSF x Far_LoA	-9,8224082	0,094	0,295
CHR3	28489678	CHR3:28489678	SSF x Far_LoA	-4,9064534	0,062	0,319
CHR3	28489880	CHR3:28489880	SSF x Far_LoA	-9,18502387	0,000	0,297
CHR3	28489881	CHR3:28489881	SSF x Far_LoA	-7,91700133	0,002	0,301

CHR3	28489998	CHR3:28489998	SSF x Far_LoA	-8,5361495	0,014	0,306
CHR3	28490000	CHR3:28490000	SSF x Far_LoA	-8,76143171	0,060	0,299
CHR3	28490088	CHR3:28490088	SSF x Far_LoA	-10,0402672	-0,053	0,315
CHR3	28500926	CHR3:28500926	SSF x Far_LoA	-8,16057938	0,118	0,304
CHR3	28500939	CHR3:28500939	SSF x Far_LoA	-8,99019157	0,154	0,304
CHR3	28501276	CHR3:28501276	SSF x Far_LoA	-8,71309472	0,064	0,312
CHR3	28504514	CHR3:28504514	SSF x Far_LoA	-8,19573725	0,000	0,300
CHR3	28504518	CHR3:28504518	SSF x Far_LoA	-9,04785022	0,093	0,311
CHR3	28504529	CHR3:28504529	SSF x Far_LoA	-8,83877641	0,105	0,292
CHR3	28504557	CHR3:28504557	SSF x Far_LoA	-7,40829085	0,059	0,295
CHR3	28504560	CHR3:28504560	SSF x Far_LoA	-9,01937549	-0,061	0,301
CHR3	28504591	CHR3:28504591	SSF x Far_LoA	-7,34010666	-0,140	0,300
CHR3	28505645	CHR3:28505645	SSF x Far_LoA	-9,34204851	0,037	0,302
CHR3	28505648	CHR3:28505648	SSF x Far_LoA	-10,6222467	0,032	0,292
CHR3	28505658	CHR3:28505658	SSF x Far_LoA	-7,77842081	0,011	0,302
CHR3	28505738	CHR3:28505738	SSF x Far_LoA	-10,3494978	0,002	0,310
CHR3	28507736	CHR3:28507736	SSF x Far_LoA	-11,2481872	-0,039	0,319
CHR3	28507887	CHR3:28507887	SSF x Far_LoA	-10,1744615	-0,006	0,320
CHR3	28511564	CHR3:28511564	SSF x Far_LoA	-9,8433167	0,002	0,296
CHR3	28511653	CHR3:28511653	SSF x Far_LoA	-9,72820703	-0,054	0,311
CHR3	28511734	CHR3:28511734	SSF x Far_LoA	-9,75141961	-0,083	0,313
CHR3	28518413	CHR3:28518413	SSF x Far_LoA	-8,28898683	0,058	0,316
CHR3	28527862	CHR3:28527862	SSF x Far_LoA	-9,10630665	0,073	0,306
CHR3	28527910	CHR3:28527910	SSF x Far_LoA	-3,56901693	-0,015	0,300
CHR3	28527916	CHR3:28527916	SSF x Far_LoA	-11,3254317	-0,010	0,307
CHR3	28528051	CHR3:28528051	SSF x Far_LoA	-9,11552993	-0,030	0,307
CHR3	28531273	CHR3:28531273	SSF x Far_LoA	-10,512543	0,027	0,317
CHR3	28531289	CHR3:28531289	SSF x Far_LoA	-8,07481096	-0,024	0,323
CHR3	28531782	CHR3:28531782	SSF x Far_LoA	-9,66589253	0,130	0,304
CHR3	28547713	CHR3:28547713	SSF x Far_LoA	-9,34377655	0,067	0,313
CHR3	28556265	CHR3:28556265	SSF x Far_LoA	-7,9216393	-0,071	0,303
CHR3	28556293	CHR3:28556293	SSF x Far_LoA	-10,2575236	0,069	0,321
CHR3	28556303	CHR3:28556303	SSF x Far_LoA	-6,21593543	0,069	0,327
CHR3	28556319	CHR3:28556319	SSF x Far_LoA	-8,54280705	-0,017	0,314
CHR3	28563979	CHR3:28563979	SSF x Far_LoA	-9,51028562	-0,088	0,305
CHR3	28563997	CHR3:28563997	SSF x Far_LoA	-9,6772071	-0,113	0,317
CHR3	28564031	CHR3:28564031	SSF x Far_LoA	-10,3048452	-0,049	0,305
CHR3	28564062	CHR3:28564062	SSF x Far_LoA	-11,0802666	-0,049	0,319
CHR3	28567522	CHR3:28567522	SSF x Far_LoA	-10,0446251	0,026	0,307
CHR3	28567526	CHR3:28567526	SSF x Far_LoA	-10,1068838	0,047	0,295
CHR3	28568948	CHR3:28568948	SSF x Far_LoA	-11,0334888	-0,012	0,297
CHR3	28585237	CHR3:28585237	SSF x Far_LoA	-11,0815974	-0,065	0,302
CHR3	28585456	CHR3:28585456	SSF x Far_LoA	-8,65274915	0,082	0,303
CHR3	28594891	CHR3:28594891	SSF x Far_LoA	-8,64128054	-0,058	0,309
CHR3	28594910	CHR3:28594910	SSF x Far_LoA	-1,97455774	0,053	0,291
CHR3	28594972	CHR3:28594972	SSF x Far_LoA	-8,12381183	0,172	0,292
CHR3	2860093	CHR3:2860093	SSF x Far_LoA	-9,37431484	0,025	0,311
CHR3	28601127	CHR3:28601127	SSF x Far_LoA	-9,066841	0,022	0,310
CHR3	28601131	CHR3:28601131	SSF x Far_LoA	-9,87898581	0,013	0,314
CHR3	28601192	CHR3:28601192	SSF x Far_LoA	-3,46777233	-0,082	0,313
CHR3	28601194	CHR3:28601194	SSF x Far_LoA	-8,29749723	-0,092	0,304
CHR3	28601210	CHR3:28601210	SSF x Far_LoA	-10,7423906	-0,008	0,290
CHR3	28601214	CHR3:28601214	SSF x Far_LoA	-9,57727154	-0,141	0,310

CHR3	28601249	CHR3:28601249	SSF x Far_LoA	-8,66972467	-0,007	0,315
CHR3	28601331	CHR3:28601331	SSF x Far_LoA	-9,91181148	-0,052	0,302
CHR3	28601343	CHR3:28601343	SSF x Far_LoA	-10,53287	-0,070	0,303
CHR3	28601368	CHR3:28601368	SSF x Far_LoA	-9,71617905	0,006	0,310
CHR3	28638606	CHR3:28638606	SSF x Far_LoA	-7,30769131	0,011	0,301
CHR3	28638852	CHR3:28638852	SSF x Far_LoA	-9,63165702	-0,004	0,311
CHR3	28647215	CHR3:28647215	SSF x Far_LoA	-8,76816876	0,049	0,310
CHR3	28651236	CHR3:28651236	SSF x Far_LoA	-8,62838027	0,024	0,297
CHR3	28651285	CHR3:28651285	SSF x Far_LoA	-9,61809338	-0,016	0,304
CHR3	28651379	CHR3:28651379	SSF x Far_LoA	-10,4212458	-0,052	0,316
CHR3	28653556	CHR3:28653556	SSF x Far_LoA	-9,59093246	0,237	0,291
CHR3	28658382	CHR3:28658382	SSF x Far_LoA	-10,76556	-0,119	0,314
CHR3	28658467	CHR3:28658467	SSF x Far_LoA	-8,26266156	-0,027	0,307
CHR3	28658495	CHR3:28658495	SSF x Far_LoA	-9,1273366	-0,044	0,297
CHR3	28668001	CHR3:28668001	SSF x Far_LoA	-9,267998	-0,084	0,299
CHR3	28668140	CHR3:28668140	SSF x Far_LoA	-9,56494003	0,019	0,312
CHR3	28672970	CHR3:28672970	SSF x Far_LoA	-11,1783073	-0,018	0,302
CHR3	2867609	CHR3:2867609	SSF x Far_LoA	-7,154732	0,113	0,306
CHR3	28676960	CHR3:28676960	SSF x Far_LoA	-7,84121809	0,105	0,297
CHR3	28676966	CHR3:28676966	SSF x Far_LoA	-9,2864733	0,060	0,299
CHR3	28677001	CHR3:28677001	SSF x Far_LoA	-8,68029027	-0,009	0,315
CHR3	28677038	CHR3:28677038	SSF x Far_LoA	-12,4440545	0,030	0,296
CHR3	28685543	CHR3:28685543	SSF x Far_LoA	-10,1311347	0,031	0,317
CHR3	28685573	CHR3:28685573	SSF x Far_LoA	-9,06362097	-0,033	0,305
CHR3	28685577	CHR3:28685577	SSF x Far_LoA	-8,56885852	-0,023	0,310
CHR3	28689338	CHR3:28689338	SSF x Far_LoA	-11,2370485	0,020	0,298
CHR3	28689414	CHR3:28689414	SSF x Far_LoA	-10,7026265	-0,085	0,310
CHR3	28689584	CHR3:28689584	SSF x Far_LoA	-4,2403037	0,130	0,305
CHR3	28689609	CHR3:28689609	SSF x Far_LoA	-7,09714393	-0,116	0,309
CHR3	28699367	CHR3:28699367	SSF x Far_LoA	-9,15237133	-0,049	0,307
CHR3	28699496	CHR3:28699496	SSF x Far_LoA	-10,5703114	0,059	0,293
CHR3	28699505	CHR3:28699505	SSF x Far_LoA	-7,81275813	-0,091	0,307
CHR3	28715510	CHR3:28715510	SSF x Far_LoA	-5,56023065	0,131	0,321
CHR3	28717348	CHR3:28717348	SSF x Far_LoA	-11,2750948	0,022	0,309
CHR3	28717444	CHR3:28717444	SSF x Far_LoA	-8,46579031	-0,009	0,307
CHR3	28717448	CHR3:28717448	SSF x Far_LoA	-8,03834475	-0,044	0,307
CHR3	28735649	CHR3:28735649	SSF x Far_LoA	-9,61368674	-0,052	0,317
CHR3	28736539	CHR3:28736539	SSF x Far_LoA	-8,48098126	-0,103	0,299
CHR3	28736545	CHR3:28736545	SSF x Far_LoA	-8,66238561	-0,067	0,304
CHR3	28736547	CHR3:28736547	SSF x Far_LoA	-7,07416674	-0,077	0,303
CHR3	28736589	CHR3:28736589	SSF x Far_LoA	-10,7932884	-0,087	0,306
CHR3	28739669	CHR3:28739669	SSF x Far_LoA	-9,09110097	0,030	0,306
CHR3	28740516	CHR3:28740516	SSF x Far_LoA	-9,62357013	-0,038	0,312
CHR3	28740604	CHR3:28740604	SSF x Far_LoA	-9,26012966	-0,068	0,298
CHR3	28740618	CHR3:28740618	SSF x Far_LoA	-10,2613055	0,052	0,307
CHR3	28740621	CHR3:28740621	SSF x Far_LoA	-9,88130505	0,062	0,301
CHR3	28740674	CHR3:28740674	SSF x Far_LoA	-10,9138128	0,113	0,301
CHR3	28740773	CHR3:28740773	SSF x Far_LoA	-7,75533069	-0,107	0,312
CHR3	28747292	CHR3:28747292	SSF x Far_LoA	-8,67598042	-0,078	0,307
CHR3	28747296	CHR3:28747296	SSF x Far_LoA	-10,7398596	0,100	0,298
CHR3	28767212	CHR3:28767212	SSF x Far_LoA	-7,40852625	0,107	0,299
CHR3	28767268	CHR3:28767268	SSF x Far_LoA	-11,2937241	-0,073	0,287
CHR3	28767307	CHR3:28767307	SSF x Far_LoA	-7,82888996	0,058	0,292

CHR3	28768297	CHR3:28768297	SSF x Far_LoA	-9,8155337	0,063	0,309
CHR3	28773179	CHR3:28773179	SSF x Far_LoA	-8,77440023	-0,067	0,316
CHR3	28773241	CHR3:28773241	SSF x Far_LoA	-9,38244613	-0,126	0,308
CHR3	28773270	CHR3:28773270	SSF x Far_LoA	-8,01049312	-0,063	0,324
CHR3	28773379	CHR3:28773379	SSF x Far_LoA	-10,8634254	-0,072	0,305
CHR3	28773525	CHR3:28773525	SSF x Far_LoA	-9,62516344	-0,075	0,295
CHR3	2878818	CHR3:2878818	SSF x Far_LoA	-9,41072993	-0,093	0,307
CHR3	2879358	CHR3:2879358	SSF x Far_LoA	-8,45785575	0,021	0,313
CHR3	2879427	CHR3:2879427	SSF x Far_LoA	-6,0553586	-0,065	0,304
CHR3	28804846	CHR3:28804846	SSF x Far_LoA	-9,97711134	0,010	0,304
CHR3	28804876	CHR3:28804876	SSF x Far_LoA	-10,1224067	-0,142	0,294
CHR3	28804886	CHR3:28804886	SSF x Far_LoA	-10,9070978	-0,088	0,308
CHR3	28804896	CHR3:28804896	SSF x Far_LoA	-8,66350984	0,032	0,302
CHR3	28804964	CHR3:28804964	SSF x Far_LoA	-10,9527841	0,019	0,318
CHR3	28804965	CHR3:28804965	SSF x Far_LoA	-11,1903077	0,020	0,295
CHR3	28804976	CHR3:28804976	SSF x Far_LoA	-11,0161981	-0,113	0,306
CHR3	28804978	CHR3:28804978	SSF x Far_LoA	-9,514512	-0,110	0,308
CHR3	28805000	CHR3:28805000	SSF x Far_LoA	-10,2210708	-0,104	0,299
CHR3	28805001	CHR3:28805001	SSF x Far_LoA	-9,30379491	-0,091	0,310
CHR3	28805018	CHR3:28805018	SSF x Far_LoA	-8,38354229	-0,118	0,313
CHR3	28805020	CHR3:28805020	SSF x Far_LoA	-10,3294927	0,047	0,325
CHR3	28811278	CHR3:28811278	SSF x Far_LoA	-8,71631395	-0,053	0,305
CHR3	28811446	CHR3:28811446	SSF x Far_LoA	-9,873164	0,130	0,302
CHR3	28814686	CHR3:28814686	SSF x Far_LoA	-10,9557079	-0,042	0,309
CHR3	28814783	CHR3:28814783	SSF x Far_LoA	-7,57532094	0,114	0,311
CHR3	28822113	CHR3:28822113	SSF x Far_LoA	-6,93921277	-0,141	0,300
CHR3	28822310	CHR3:28822310	SSF x Far_LoA	-10,1861264	-0,096	0,299
CHR3	28822418	CHR3:28822418	SSF x Far_LoA	-12,2455931	-0,045	0,312
CHR3	28826022	CHR3:28826022	SSF x Far_LoA	-9,05113401	-0,014	0,301
CHR3	28826023	CHR3:28826023	SSF x Far_LoA	-8,67955186	-0,017	0,302
CHR3	28826028	CHR3:28826028	SSF x Far_LoA	-9,41372164	0,012	0,309
CHR3	28826049	CHR3:28826049	SSF x Far_LoA	-9,10551013	-0,015	0,303
CHR3	28826156	CHR3:28826156	SSF x Far_LoA	-10,2441085	0,113	0,293
CHR3	28826272	CHR3:28826272	SSF x Far_LoA	-12,0805382	-0,018	0,290
CHR3	28826296	CHR3:28826296	SSF x Far_LoA	-7,44411932	-0,110	0,312
CHR3	28826327	CHR3:28826327	SSF x Far_LoA	-6,49627795	-0,081	0,317
CHR3	28826328	CHR3:28826328	SSF x Far_LoA	-10,3822124	0,022	0,305
CHR3	28826335	CHR3:28826335	SSF x Far_LoA	-8,9893752	-0,041	0,315
CHR3	28826339	CHR3:28826339	SSF x Far_LoA	0,42817066	0,127	0,299
CHR3	28832277	CHR3:28832277	SSF x Far_LoA	-10,4144315	-0,065	0,289
CHR3	28832337	CHR3:28832337	SSF x Far_LoA	-8,27731133	-0,118	0,320
CHR3	28832344	CHR3:28832344	SSF x Far_LoA	-7,66866968	-0,122	0,309
CHR3	28832518	CHR3:28832518	SSF x Far_LoA	-7,58568345	0,072	0,309
CHR3	2883458	CHR3:2883458	SSF x Far_LoA	-5,23167497	0,091	0,305
CHR3	2883511	CHR3:2883511	SSF x Far_LoA	-10,9745122	0,054	0,302
CHR3	28844193	CHR3:28844193	SSF x Far_LoA	-8,10351051	-0,033	0,323
CHR3	28844251	CHR3:28844251	SSF x Far_LoA	-4,21029357	0,117	0,313
CHR3	28844452	CHR3:28844452	SSF x Far_LoA	-9,6066056	0,059	0,311
CHR3	28849082	CHR3:28849082	SSF x Far_LoA	-10,0651065	-0,052	0,306
CHR3	28849183	CHR3:28849183	SSF x Far_LoA	-11,6750022	0,085	0,302
CHR3	28854992	CHR3:28854992	SSF x Far_LoA	-8,67285335	0,059	0,308
CHR3	28855212	CHR3:28855212	SSF x Far_LoA	-11,1305556	-0,023	0,312
CHR3	28863899	CHR3:28863899	SSF x Far_LoA	-2,63313167	0,119	0,297

CHR3	28864077	CHR3:28864077	SSF x Far_LoA	-10,9195659	-0,049	0,304
CHR3	28880400	CHR3:28880400	SSF x Far_LoA	-8,31831331	0,017	0,309
CHR3	28880505	CHR3:28880505	SSF x Far_LoA	-9,74189927	-0,028	0,296
CHR3	28884413	CHR3:28884413	SSF x Far_LoA	-11,5816101	-0,010	0,303
CHR3	28884493	CHR3:28884493	SSF x Far_LoA	-9,96183435	0,049	0,315
CHR3	28890322	CHR3:28890322	SSF x Far_LoA	-10,6522752	0,062	0,310
CHR3	28893730	CHR3:28893730	SSF x Far_LoA	-10,1455444	-0,027	0,309
CHR3	28893733	CHR3:28893733	SSF x Far_LoA	-7,83114073	-0,178	0,308
CHR3	28897347	CHR3:28897347	SSF x Far_LoA	-8,21857346	0,008	0,324
CHR3	28899836	CHR3:28899836	SSF x Far_LoA	-11,5939234	0,020	0,305
CHR3	28899847	CHR3:28899847	SSF x Far_LoA	-5,15516076	-0,107	0,286
CHR3	28903065	CHR3:28903065	SSF x Far_LoA	-9,72577651	0,051	0,298
CHR3	28903111	CHR3:28903111	SSF x Far_LoA	-9,88978926	0,046	0,295
CHR3	28903122	CHR3:28903122	SSF x Far_LoA	-9,72822562	-0,117	0,308
CHR3	28912421	CHR3:28912421	SSF x Far_LoA	-8,96587255	-0,054	0,317
CHR3	28918420	CHR3:28918420	SSF x Far_LoA	-10,4055026	-0,043	0,309
CHR3	28918468	CHR3:28918468	SSF x Far_LoA	-7,09102305	0,094	0,311
CHR3	28918508	CHR3:28918508	SSF x Far_LoA	-8,0717777	-0,069	0,302
CHR3	28918571	CHR3:28918571	SSF x Far_LoA	-7,82425556	-0,077	0,306
CHR3	28918573	CHR3:28918573	SSF x Far_LoA	-10,9889614	0,021	0,307
CHR3	28928482	CHR3:28928482	SSF x Far_LoA	-10,4676781	-0,089	0,301
CHR3	28930657	CHR3:28930657	SSF x Far_LoA	-10,1690046	-0,026	0,300
CHR3	28930710	CHR3:28930710	SSF x Far_LoA	-9,96597249	-0,129	0,305
CHR3	28930823	CHR3:28930823	SSF x Far_LoA	-6,47295061	0,142	0,304
CHR3	28939017	CHR3:28939017	SSF x Far_LoA	-11,1862627	0,069	0,322
CHR3	28940342	CHR3:28940342	SSF x Far_LoA	-7,97290613	-0,026	0,307
CHR3	28940395	CHR3:28940395	SSF x Far_LoA	-7,40513764	0,021	0,317
CHR3	28946534	CHR3:28946534	SSF x Far_LoA	-6,97996034	0,218	0,297
CHR3	28950768	CHR3:28950768	SSF x Far_LoA	-8,07188683	-0,070	0,316
CHR3	28950822	CHR3:28950822	SSF x Far_LoA	-9,17552048	-0,027	0,304
CHR3	28952486	CHR3:28952486	SSF x Far_LoA	-6,99908151	-0,032	0,308
CHR3	28952488	CHR3:28952488	SSF x Far_LoA	-8,52367434	-0,024	0,300
CHR3	28952552	CHR3:28952552	SSF x Far_LoA	-5,47664588	0,116	0,291
CHR3	28952588	CHR3:28952588	SSF x Far_LoA	-8,65840017	-0,001	0,321
CHR3	28952697	CHR3:28952697	SSF x Far_LoA	-8,5137296	-0,006	0,304
CHR3	28954398	CHR3:28954398	SSF x Far_LoA	-8,14354479	0,062	0,304
CHR3	28961533	CHR3:28961533	SSF x Far_LoA	-11,666535	0,030	0,311
CHR3	28968373	CHR3:28968373	SSF x Far_LoA	-9,97042445	0,055	0,299
CHR3	28991399	CHR3:28991399	SSF x Far_LoA	-10,9837612	0,030	0,308
CHR3	28991516	CHR3:28991516	SSF x Far_LoA	-6,42178578	-0,020	0,303
CHR3	28991532	CHR3:28991532	SSF x Far_LoA	-8,28416129	0,078	0,304
CHR3	28994241	CHR3:28994241	SSF x Far_LoA	-6,31074064	0,133	0,309
CHR3	28996445	CHR3:28996445	SSF x Far_LoA	-8,90632351	-0,043	0,311
CHR3	28996454	CHR3:28996454	SSF x Far_LoA	-9,28882219	-0,013	0,308
CHR3	28996595	CHR3:28996595	SSF x Far_LoA	-7,18495236	-0,157	0,295
CHR3	29011430	CHR3:29011430	SSF x Far_LoA	-9,87818613	-0,095	0,322
CHR3	2902860	CHR3:2902860	SSF x Far_LoA	-6,20351066	-0,056	0,289
CHR3	2903050	CHR3:2903050	SSF x Far_LoA	-7,68954659	-0,089	0,297
CHR3	290357	CHR3:290357	SSF x Far_LoA	-11,3742742	0,009	0,299
CHR3	290358	CHR3:290358	SSF x Far_LoA	-12,1141354	-0,020	0,296
CHR3	29040781	CHR3:29040781	SSF x Far_LoA	-11,1497729	-0,101	0,313
CHR3	29040786	CHR3:29040786	SSF x Far_LoA	-6,37269585	-0,103	0,311
CHR3	2904352	CHR3:2904352	SSF x Far_LoA	-7,20624801	0,066	0,303

CHR3	2904514	CHR3:2904514	SSF x Far_LoA	-5,83833479	-0,201	0,305
CHR3	2904544	CHR3:2904544	SSF x Far_LoA	-7,12373348	0,106	0,306
CHR3	2904577	CHR3:2904577	SSF x Far_LoA	-9,32077881	-0,194	0,302
CHR3	2904582	CHR3:2904582	SSF x Far_LoA	-8,33943739	-0,107	0,314
CHR3	2905923	CHR3:2905923	SSF x Far_LoA	-10,4712649	-0,099	0,297
CHR3	29071098	CHR3:29071098	SSF x Far_LoA	-9,09803914	-0,101	0,314
CHR3	29071184	CHR3:29071184	SSF x Far_LoA	-10,1393012	-0,099	0,300
CHR3	29074366	CHR3:29074366	SSF x Far_LoA	-9,41798008	-0,004	0,309
CHR3	29074497	CHR3:29074497	SSF x Far_LoA	-10,0146268	-0,078	0,318
CHR3	29078252	CHR3:29078252	SSF x Far_LoA	-7,7848705	-0,067	0,309
CHR3	29088434	CHR3:29088434	SSF x Far_LoA	-10,9506329	0,054	0,303
CHR3	29088475	CHR3:29088475	SSF x Far_LoA	-11,0779227	0,059	0,302
CHR3	29088503	CHR3:29088503	SSF x Far_LoA	-8,99493147	-0,003	0,320
CHR3	2909273	CHR3:2909273	SSF x Far_LoA	-9,3833988	0,026	0,311
CHR3	29093009	CHR3:29093009	SSF x Far_LoA	-8,36958907	-0,050	0,303
CHR3	2909319	CHR3:2909319	SSF x Far_LoA	-10,529966	0,017	0,300
CHR3	2909335	CHR3:2909335	SSF x Far_LoA	-10,8117073	0,000	0,310
CHR3	29093683	CHR3:29093683	SSF x Far_LoA	-2,1250924	-0,182	0,305
CHR3	29134744	CHR3:29134744	SSF x Far_LoA	-8,76267805	-0,090	0,304
CHR3	29136157	CHR3:29136157	SSF x Far_LoA	-9,40594892	0,070	0,311
CHR3	29145172	CHR3:29145172	SSF x Far_LoA	-8,30110449	-0,043	0,308
CHR3	29145181	CHR3:29145181	SSF x Far_LoA	-9,6468851	-0,045	0,309
CHR3	29145199	CHR3:29145199	SSF x Far_LoA	-9,94809588	-0,014	0,310
CHR3	29145283	CHR3:29145283	SSF x Far_LoA	-9,25097222	0,040	0,306
CHR3	29157711	CHR3:29157711	SSF x Far_LoA	-8,64628154	0,038	0,306
CHR3	29160149	CHR3:29160149	SSF x Far_LoA	-8,80728948	0,075	0,307
CHR3	29160391	CHR3:29160391	SSF x Far_LoA	-10,8521424	0,067	0,308
CHR3	29176473	CHR3:29176473	SSF x Far_LoA	-10,944335	-0,058	0,293
CHR3	29176533	CHR3:29176533	SSF x Far_LoA	-9,62373927	0,024	0,306
CHR3	29179653	CHR3:29179653	SSF x Far_LoA	-7,91580031	-0,124	0,301
CHR3	2918329	CHR3:2918329	SSF x Far_LoA	-10,7131873	0,018	0,295
CHR3	2918425	CHR3:2918425	SSF x Far_LoA	-12,0553532	0,022	0,298
CHR3	29184271	CHR3:29184271	SSF x Far_LoA	-9,93390438	-0,053	0,308
CHR3	2918494	CHR3:2918494	SSF x Far_LoA	-6,88961281	0,122	0,315
CHR3	29185494	CHR3:29185494	SSF x Far_LoA	-9,74871037	-0,005	0,308
CHR3	29185497	CHR3:29185497	SSF x Far_LoA	-9,87419852	-0,073	0,320
CHR3	29185503	CHR3:29185503	SSF x Far_LoA	-9,8051525	-0,067	0,293
CHR3	29186110	CHR3:29186110	SSF x Far_LoA	-7,64750106	0,078	0,300
CHR3	29193375	CHR3:29193375	SSF x Far_LoA	-8,13747483	-0,018	0,306
CHR3	29193430	CHR3:29193430	SSF x Far_LoA	-6,73337811	-0,029	0,302
CHR3	29197629	CHR3:29197629	SSF x Far_LoA	-8,29325865	-0,079	0,306
CHR3	29197742	CHR3:29197742	SSF x Far_LoA	-9,25197264	-0,018	0,307
CHR3	29209207	CHR3:29209207	SSF x Far_LoA	-8,92507534	0,049	0,305
CHR3	29209277	CHR3:29209277	SSF x Far_LoA	-10,5029245	0,038	0,306
CHR3	2921648	CHR3:2921648	SSF x Far_LoA	-9,02261996	-0,044	0,293
CHR3	29222334	CHR3:29222334	SSF x Far_LoA	-9,05256758	0,020	0,308
CHR3	2923619	CHR3:2923619	SSF x Far_LoA	-9,33716794	-0,044	0,310
CHR3	2923641	CHR3:2923641	SSF x Far_LoA	-9,38578017	0,167	0,292
CHR3	2923760	CHR3:2923760	SSF x Far_LoA	-10,0021616	0,033	0,309
CHR3	29244815	CHR3:29244815	SSF x Far_LoA	-9,7433448	-0,055	0,306
CHR3	29244827	CHR3:29244827	SSF x Far_LoA	-8,33954553	-0,089	0,317
CHR3	29244909	CHR3:29244909	SSF x Far_LoA	4,73255514	0,012	0,298
CHR3	29245026	CHR3:29245026	SSF x Far_LoA	-9,53426289	-0,035	0,308

CHR3	29249570	CHR3:29249570	SSF x Far_LoA	-10,3032451	0,040	0,304
CHR3	29249577	CHR3:29249577	SSF x Far_LoA	-12,1248734	0,023	0,310
CHR3	29254676	CHR3:29254676	SSF x Far_LoA	2,23281333	0,182	0,301
CHR3	29254683	CHR3:29254683	SSF x Far_LoA	-7,37865364	0,192	0,303
CHR3	29254769	CHR3:29254769	SSF x Far_LoA	-8,47270466	0,021	0,316
CHR3	29260087	CHR3:29260087	SSF x Far_LoA	-8,36422341	0,043	0,313
CHR3	29260684	CHR3:29260684	SSF x Far_LoA	-8,62445464	0,038	0,302
CHR3	29273563	CHR3:29273563	SSF x Far_LoA	-9,01845259	0,121	0,315
CHR3	29273862	CHR3:29273862	SSF x Far_LoA	-10,8190359	0,073	0,305
CHR3	29273864	CHR3:29273864	SSF x Far_LoA	-7,53542656	0,048	0,323
CHR3	29275151	CHR3:29275151	SSF x Far_LoA	-10,1058389	-0,044	0,311
CHR3	29275165	CHR3:29275165	SSF x Far_LoA	-8,71567262	0,094	0,301
CHR3	29285242	CHR3:29285242	SSF x Far_LoA	-5,57434925	-0,160	0,304
CHR3	29285300	CHR3:29285300	SSF x Far_LoA	-9,89079205	-0,030	0,324
CHR3	29285319	CHR3:29285319	SSF x Far_LoA	-8,75636595	0,069	0,303
CHR3	29285332	CHR3:29285332	SSF x Far_LoA	-9,39438531	-0,042	0,311
CHR3	29285341	CHR3:29285341	SSF x Far_LoA	-8,48957502	-0,001	0,313
CHR3	29285400	CHR3:29285400	SSF x Far_LoA	-9,47284041	-0,015	0,293
CHR3	29287173	CHR3:29287173	SSF x Far_LoA	-10,3724756	0,064	0,305
CHR3	2928892	CHR3:2928892	SSF x Far_LoA	-10,1814252	-0,068	0,297
CHR3	29289888	CHR3:29289888	SSF x Far_LoA	-8,45896242	0,104	0,300
CHR3	29289890	CHR3:29289890	SSF x Far_LoA	-7,51357399	0,007	0,317
CHR3	2929030	CHR3:2929030	SSF x Far_LoA	-8,53298745	-0,056	0,299
CHR3	2929054	CHR3:2929054	SSF x Far_LoA	-9,86716668	0,001	0,307
CHR3	29291790	CHR3:29291790	SSF x Far_LoA	-10,1665318	0,004	0,305
CHR3	29291817	CHR3:29291817	SSF x Far_LoA	-7,68193838	-0,111	0,296
CHR3	2929222	CHR3:2929222	SSF x Far_LoA	-9,7024957	0,025	0,305
CHR3	29297225	CHR3:29297225	SSF x Far_LoA	-6,75907283	-0,076	0,296
CHR3	29297439	CHR3:29297439	SSF x Far_LoA	-5,01062453	0,162	0,301
CHR3	29300332	CHR3:29300332	SSF x Far_LoA	-4,93388072	-0,134	0,317
CHR3	29302591	CHR3:29302591	SSF x Far_LoA	-7,28678333	0,066	0,320
CHR3	29302641	CHR3:29302641	SSF x Far_LoA	-8,99998272	-0,027	0,308
CHR3	29304631	CHR3:29304631	SSF x Far_LoA	-5,2661469	0,210	0,286
CHR3	29304706	CHR3:29304706	SSF x Far_LoA	-9,2534557	-0,085	0,310
CHR3	29304709	CHR3:29304709	SSF x Far_LoA	-10,0260253	-0,055	0,308
CHR3	29304811	CHR3:29304811	SSF x Far_LoA	-9,79663144	-0,062	0,310
CHR3	29304813	CHR3:29304813	SSF x Far_LoA	-10,6405997	-0,078	0,300
CHR3	29321106	CHR3:29321106	SSF x Far_LoA	-8,07708818	-0,023	0,319
CHR3	29326375	CHR3:29326375	SSF x Far_LoA	-10,0569318	0,040	0,301
CHR3	29327902	CHR3:29327902	SSF x Far_LoA	-9,15328893	0,075	0,300
CHR3	29327928	CHR3:29327928	SSF x Far_LoA	-8,18082444	0,030	0,323
CHR3	29327949	CHR3:29327949	SSF x Far_LoA	-10,0071262	-0,068	0,307
CHR3	29327966	CHR3:29327966	SSF x Far_LoA	-7,61955232	-0,100	0,317
CHR3	29328030	CHR3:29328030	SSF x Far_LoA	-9,77165832	0,086	0,304
CHR3	29336818	CHR3:29336818	SSF x Far_LoA	-6,85115198	-0,143	0,305
CHR3	2933843	CHR3:2933843	SSF x Far_LoA	-10,2914521	-0,030	0,295
CHR3	2933918	CHR3:2933918	SSF x Far_LoA	-7,914441	0,096	0,311
CHR3	2933957	CHR3:2933957	SSF x Far_LoA	-3,62903239	0,016	0,315
CHR3	2933985	CHR3:2933985	SSF x Far_LoA	-9,43552818	0,041	0,328
CHR3	29350479	CHR3:29350479	SSF x Far_LoA	-11,6919183	-0,051	0,302
CHR3	29354571	CHR3:29354571	SSF x Far_LoA	-10,2519813	-0,046	0,313
CHR3	29354580	CHR3:29354580	SSF x Far_LoA	-9,66563861	0,006	0,304
CHR3	29356136	CHR3:29356136	SSF x Far_LoA	-10,9948255	0,087	0,312

CHR3	29356164	CHR3:29356164	SSF x Far_LoA	-8,73594168	-0,042	0,301
CHR3	29356191	CHR3:29356191	SSF x Far_LoA	-7,01728467	0,063	0,312
CHR3	29376760	CHR3:29376760	SSF x Far_LoA	-9,8390715	-0,161	0,302
CHR3	29376777	CHR3:29376777	SSF x Far_LoA	-10,6329319	-0,148	0,288
CHR3	29376822	CHR3:29376822	SSF x Far_LoA	-8,29572157	-0,152	0,285
CHR3	29378249	CHR3:29378249	SSF x Far_LoA	-6,82973296	0,139	0,291
CHR3	29378283	CHR3:29378283	SSF x Far_LoA	-8,83431259	0,010	0,308
CHR3	29384419	CHR3:29384419	SSF x Far_LoA	-9,32141975	0,005	0,313
CHR3	29384426	CHR3:29384426	SSF x Far_LoA	-7,92748937	0,075	0,300
CHR3	29384435	CHR3:29384435	SSF x Far_LoA	-8,89844558	-0,092	0,308
CHR3	29384538	CHR3:29384538	SSF x Far_LoA	-8,15053476	0,058	0,309
CHR3	2939153	CHR3:2939153	SSF x Far_LoA	-9,51556468	0,124	0,305
CHR3	2939250	CHR3:2939250	SSF x Far_LoA	-8,63993627	-0,051	0,296
CHR3	29394677	CHR3:29394677	SSF x Far_LoA	-9,56964395	0,063	0,308
CHR3	29394880	CHR3:29394880	SSF x Far_LoA	-9,75280365	0,100	0,297
CHR3	29394893	CHR3:29394893	SSF x Far_LoA	-9,05779696	0,052	0,307
CHR3	29402361	CHR3:29402361	SSF x Far_LoA	-9,89689588	-0,097	0,312
CHR3	29406258	CHR3:29406258	SSF x Far_LoA	-9,45860227	0,027	0,295
CHR3	29406265	CHR3:29406265	SSF x Far_LoA	-10,9081367	-0,027	0,300
CHR3	29406304	CHR3:29406304	SSF x Far_LoA	-10,3623495	-0,032	0,292
CHR3	29406346	CHR3:29406346	SSF x Far_LoA	-8,42754826	-0,048	0,310
CHR3	29406350	CHR3:29406350	SSF x Far_LoA	-8,20036625	-0,065	0,322
CHR3	29406388	CHR3:29406388	SSF x Far_LoA	-11,5320575	-0,024	0,305
CHR3	29406474	CHR3:29406474	SSF x Far_LoA	-7,60440973	0,063	0,295
CHR3	29406508	CHR3:29406508	SSF x Far_LoA	-12,7850567	0,027	0,286
CHR3	29408458	CHR3:29408458	SSF x Far_LoA	-10,467014	-0,128	0,293
CHR3	29408536	CHR3:29408536	SSF x Far_LoA	-8,46542746	-0,079	0,307
CHR3	29416073	CHR3:29416073	SSF x Far_LoA	-11,6085784	-0,010	0,292
CHR3	29416075	CHR3:29416075	SSF x Far_LoA	-11,5578015	0,031	0,292
CHR3	29416115	CHR3:29416115	SSF x Far_LoA	-9,33595286	0,018	0,298
CHR3	29416244	CHR3:29416244	SSF x Far_LoA	-7,12602501	0,044	0,311
CHR3	29416261	CHR3:29416261	SSF x Far_LoA	-10,7616407	0,053	0,301
CHR3	29417069	CHR3:29417069	SSF x Far_LoA	-7,92407885	-0,087	0,301
CHR3	29417153	CHR3:29417153	SSF x Far_LoA	-9,97317057	0,004	0,301
CHR3	29419315	CHR3:29419315	SSF x Far_LoA	-9,87236126	-0,023	0,303
CHR3	29419361	CHR3:29419361	SSF x Far_LoA	-11,0784917	0,070	0,306
CHR3	29419364	CHR3:29419364	SSF x Far_LoA	-11,3539537	-0,003	0,313
CHR3	29419392	CHR3:29419392	SSF x Far_LoA	-6,4992369	0,081	0,300
CHR3	29419402	CHR3:29419402	SSF x Far_LoA	-10,8994448	0,007	0,329
CHR3	29419413	CHR3:29419413	SSF x Far_LoA	-8,374341	0,069	0,305
CHR3	29419461	CHR3:29419461	SSF x Far_LoA	-4,3749575	-0,076	0,299
CHR3	29419488	CHR3:29419488	SSF x Far_LoA	-9,68444011	0,145	0,305
CHR3	29419491	CHR3:29419491	SSF x Far_LoA	-10,839574	0,103	0,295
CHR3	29433804	CHR3:29433804	SSF x Far_LoA	-8,97631848	0,072	0,312
CHR3	29433814	CHR3:29433814	SSF x Far_LoA	-5,2911508	0,015	0,315
CHR3	29445713	CHR3:29445713	SSF x Far_LoA	-10,5073954	-0,086	0,302
CHR3	29448012	CHR3:29448012	SSF x Far_LoA	-9,56036815	0,033	0,307
CHR3	29448018	CHR3:29448018	SSF x Far_LoA	-9,86820224	-0,007	0,307
CHR3	29462261	CHR3:29462261	SSF x Far_LoA	-11,3650693	0,011	0,297
CHR3	29476348	CHR3:29476348	SSF x Far_LoA	-9,20090113	-0,039	0,325
CHR3	29478039	CHR3:29478039	SSF x Far_LoA	-11,325821	-0,109	0,301
CHR3	29478067	CHR3:29478067	SSF x Far_LoA	-10,7255836	0,011	0,304
CHR3	29478103	CHR3:29478103	SSF x Far_LoA	-1,01660107	-0,056	0,293

CHR3	29482007	CHR3:29482007	SSF x Far_LoA	-8,14981243	0,003	0,304
CHR3	29482098	CHR3:29482098	SSF x Far_LoA	-8,26549694	0,095	0,303
CHR3	29489117	CHR3:29489117	SSF x Far_LoA	-5,96000565	-0,067	0,301
CHR3	29490873	CHR3:29490873	SSF x Far_LoA	-9,28990949	-0,022	0,310
CHR3	29492811	CHR3:29492811	SSF x Far_LoA	-7,37422731	0,160	0,297
CHR3	29492813	CHR3:29492813	SSF x Far_LoA	-8,64965866	0,157	0,297
CHR3	29493015	CHR3:29493015	SSF x Far_LoA	-5,10414963	0,079	0,309
CHR3	29493027	CHR3:29493027	SSF x Far_LoA	-10,0337574	-0,103	0,322
CHR3	29493119	CHR3:29493119	SSF x Far_LoA	-9,27177519	-0,003	0,300
CHR3	3E+07	CHR3:29500768	SSF x Far_LoA	-11,5435284	0,064	0,286
CHR3	3E+07	CHR3:29500816	SSF x Far_LoA	-8,6329506	0,047	0,321
CHR3	3E+07	CHR3:29500832	SSF x Far_LoA	-8,0877345	0,100	0,300
CHR3	3E+07	CHR3:29529826	SSF x Far_LoA	-10,6370237	-0,073	0,304
CHR3	3E+07	CHR3:29531641	SSF x Far_LoA	-3,71991018	-0,198	0,299
CHR3	3E+07	CHR3:29531676	SSF x Far_LoA	-9,19111072	0,104	0,313
CHR3	2953904	CHR3:2953904	SSF x Far_LoA	-10,936322	0,023	0,313
CHR3	2953961	CHR3:2953961	SSF x Far_LoA	-8,86718398	-0,066	0,320
CHR3	2953997	CHR3:2953997	SSF x Far_LoA	-10,6536596	0,075	0,316
CHR3	3E+07	CHR3:29542890	SSF x Far_LoA	-8,50831169	-0,051	0,296
CHR3	2955157	CHR3:2955157	SSF x Far_LoA	-5,93967854	-0,077	0,324
CHR3	2955233	CHR3:2955233	SSF x Far_LoA	-8,76785991	0,055	0,309
CHR3	2955266	CHR3:2955266	SSF x Far_LoA	-11,7071364	0,049	0,302
CHR3	3E+07	CHR3:29555159	SSF x Far_LoA	-9,16575479	-0,132	0,306
CHR3	3E+07	CHR3:29558511	SSF x Far_LoA	-9,5641665	-0,068	0,306
CHR3	3E+07	CHR3:29558532	SSF x Far_LoA	-9,52448063	0,032	0,302
CHR3	2955969	CHR3:2955969	SSF x Far_LoA	-9,86211678	-0,045	0,324
CHR3	2955997	CHR3:2955997	SSF x Far_LoA	-8,83722397	-0,115	0,315
CHR3	3E+07	CHR3:29564327	SSF x Far_LoA	-8,204466	-0,079	0,304
CHR3	3E+07	CHR3:29564801	SSF x Far_LoA	-8,99072342	-0,036	0,293
CHR3	2956766	CHR3:2956766	SSF x Far_LoA	-11,2343908	0,109	0,286
CHR3	3E+07	CHR3:29574392	SSF x Far_LoA	-6,80720335	-0,114	0,312
CHR3	3E+07	CHR3:29574635	SSF x Far_LoA	-10,481961	-0,113	0,308
CHR3	3E+07	CHR3:29574642	SSF x Far_LoA	-6,68829858	-0,160	0,304
CHR3	3E+07	CHR3:29574688	SSF x Far_LoA	-8,4585051	-0,093	0,308
CHR3	3E+07	CHR3:29574689	SSF x Far_LoA	-9,4695489	-0,092	0,303
CHR3	3E+07	CHR3:29574705	SSF x Far_LoA	-9,34992036	0,015	0,305
CHR3	3E+07	CHR3:29578124	SSF x Far_LoA	-10,9676528	0,055	0,307
CHR3	3E+07	CHR3:29578170	SSF x Far_LoA	-11,1930807	-0,056	0,302
CHR3	3E+07	CHR3:29578220	SSF x Far_LoA	-6,43983067	-0,014	0,317
CHR3	3E+07	CHR3:29578308	SSF x Far_LoA	-10,0399116	0,020	0,308
CHR3	3E+07	CHR3:29581069	SSF x Far_LoA	-10,2068187	0,075	0,295
CHR3	3E+07	CHR3:29581080	SSF x Far_LoA	-9,51926907	-0,013	0,311
CHR3	3E+07	CHR3:29581083	SSF x Far_LoA	-9,74714675	0,063	0,319
CHR3	3E+07	CHR3:29581135	SSF x Far_LoA	-6,20123756	0,144	0,305
CHR3	3E+07	CHR3:29581167	SSF x Far_LoA	-11,4041145	-0,031	0,316
CHR3	3E+07	CHR3:29589665	SSF x Far_LoA	-11,3396208	-0,012	0,305
CHR3	3E+07	CHR3:29589726	SSF x Far_LoA	-7,44745447	0,187	0,306
CHR3	3E+07	CHR3:29592002	SSF x Far_LoA	-2,92740753	-0,143	0,318
CHR3	3E+07	CHR3:29592212	SSF x Far_LoA	-7,04578752	0,061	0,314
CHR3	3E+07	CHR3:29601831	SSF x Far_LoA	-9,87402764	-0,048	0,294
CHR3	3E+07	CHR3:29601914	SSF x Far_LoA	-5,87608937	-0,078	0,320
CHR3	3E+07	CHR3:29601984	SSF x Far_LoA	-8,87049761	-0,134	0,304
CHR3	3E+07	CHR3:29605708	SSF x Far_LoA	-9,48244964	-0,106	0,305

CHR3	3E+07	CHR3:29605776	SSF x Far_LoA	-9,58350273	0,023	0,305
CHR3	3E+07	CHR3:29605780	SSF x Far_LoA	-11,4639362	0,048	0,309
CHR3	3E+07	CHR3:29605823	SSF x Far_LoA	-8,25118539	0,058	0,310
CHR3	3E+07	CHR3:29605824	SSF x Far_LoA	-10,5876613	-0,022	0,296
CHR3	3E+07	CHR3:29621748	SSF x Far_LoA	-10,467385	0,027	0,318
CHR3	3E+07	CHR3:29621756	SSF x Far_LoA	-8,96160544	-0,092	0,298
CHR3	3E+07	CHR3:29621766	SSF x Far_LoA	-6,65764441	-0,193	0,299
CHR3	3E+07	CHR3:29621800	SSF x Far_LoA	-8,3418475	-0,005	0,308
CHR3	3E+07	CHR3:29621820	SSF x Far_LoA	-9,13538495	-0,136	0,301
CHR3	3E+07	CHR3:29629084	SSF x Far_LoA	-9,10714543	-0,002	0,304
CHR3	3E+07	CHR3:29643357	SSF x Far_LoA	-9,45596933	0,095	0,314
CHR3	2965193	CHR3:2965193	SSF x Far_LoA	-12,3252379	-0,067	0,300
CHR3	2965203	CHR3:2965203	SSF x Far_LoA	-7,8488202	-0,070	0,303
CHR3	2965306	CHR3:2965306	SSF x Far_LoA	-7,05801219	-0,004	0,311
CHR3	2965329	CHR3:2965329	SSF x Far_LoA	-7,11186437	0,142	0,290
CHR3	2965345	CHR3:2965345	SSF x Far_LoA	-9,73762251	0,138	0,307
CHR3	3E+07	CHR3:29657243	SSF x Far_LoA	-7,98514883	0,102	0,308
CHR3	3E+07	CHR3:29701104	SSF x Far_LoA	-4,63057509	-0,097	0,305
CHR3	3E+07	CHR3:29708924	SSF x Far_LoA	-10,242742	0,001	0,311
CHR3	3E+07	CHR3:29709883	SSF x Far_LoA	-9,79584324	0,093	0,295
CHR3	2974256	CHR3:2974256	SSF x Far_LoA	-8,63674157	0,077	0,306
CHR3	2974433	CHR3:2974433	SSF x Far_LoA	-8,02346818	-0,119	0,312
CHR3	2974446	CHR3:2974446	SSF x Far_LoA	-7,5675004	-0,195	0,305
CHR3	3E+07	CHR3:29756201	SSF x Far_LoA	-8,18666781	-0,097	0,298
CHR3	3E+07	CHR3:29782784	SSF x Far_LoA	-11,6997183	0,084	0,305
CHR3	3E+07	CHR3:29782795	SSF x Far_LoA	-7,35961522	0,123	0,304
CHR3	3E+07	CHR3:29789219	SSF x Far_LoA	-10,9501762	0,078	0,298
CHR3	297952	CHR3:297952	SSF x Far_LoA	-8,68038042	-0,059	0,307
CHR3	297956	CHR3:297956	SSF x Far_LoA	-9,33094469	0,004	0,300
CHR3	3E+07	CHR3:29795897	SSF x Far_LoA	-7,81931229	-0,128	0,301
CHR3	3E+07	CHR3:29795936	SSF x Far_LoA	-6,20497557	-0,123	0,309
CHR3	297977	CHR3:297977	SSF x Far_LoA	-9,72401761	0,029	0,306
CHR3	3E+07	CHR3:29807971	SSF x Far_LoA	-11,5922157	-0,120	0,307
CHR3	2981093	CHR3:2981093	SSF x Far_LoA	-8,71017094	0,084	0,300
CHR3	3E+07	CHR3:29816280	SSF x Far_LoA	-12,2029107	0,008	0,295
CHR3	2982237	CHR3:2982237	SSF x Far_LoA	-9,30188225	-0,043	0,303
CHR3	298274	CHR3:298274	SSF x Far_LoA	-10,1353603	-0,052	0,308
CHR3	2984747	CHR3:2984747	SSF x Far_LoA	-5,90620778	-0,136	0,291
CHR3	2984832	CHR3:2984832	SSF x Far_LoA	-9,74525853	0,041	0,302
CHR3	3E+07	CHR3:29849554	SSF x Far_LoA	-8,78657956	0,069	0,294
CHR3	3E+07	CHR3:29849585	SSF x Far_LoA	-8,40421113	0,034	0,294
CHR3	2986714	CHR3:2986714	SSF x Far_LoA	-9,8795192	0,017	0,297
CHR3	2986834	CHR3:2986834	SSF x Far_LoA	-7,18146263	0,097	0,300
CHR3	2986878	CHR3:2986878	SSF x Far_LoA	-9,94345869	-0,044	0,318
CHR3	3E+07	CHR3:29874329	SSF x Far_LoA	-6,03504083	-0,042	0,315
CHR3	3E+07	CHR3:29874436	SSF x Far_LoA	-10,737101	-0,045	0,299
CHR3	3E+07	CHR3:29883299	SSF x Far_LoA	-9,65819544	-0,063	0,301
CHR3	3E+07	CHR3:29890275	SSF x Far_LoA	-0,76937514	0,066	0,316
CHR3	3E+07	CHR3:29890310	SSF x Far_LoA	-10,5088935	0,104	0,308
CHR3	2989100	CHR3:2989100	SSF x Far_LoA	-6,91816286	-0,099	0,306
CHR3	2989117	CHR3:2989117	SSF x Far_LoA	-11,7842156	0,087	0,299
CHR3	2989122	CHR3:2989122	SSF x Far_LoA	-8,26242096	-0,004	0,301
CHR3	2989150	CHR3:2989150	SSF x Far_LoA	-8,37264476	-0,024	0,297

CHR3	2989195	CHR3:2989195	SSF x Far_LoA	-10,1389285	-0,073	0,308
CHR3	2989199	CHR3:2989199	SSF x Far_LoA	-5,79064024	-0,120	0,297
CHR3	3E+07	CHR3:29894393	SSF x Far_LoA	-11,4847837	0,025	0,313
CHR3	3E+07	CHR3:29894396	SSF x Far_LoA	-9,8885297	0,106	0,299
CHR3	3E+07	CHR3:29894943	SSF x Far_LoA	-11,0172044	-0,075	0,304
CHR3	3E+07	CHR3:29903783	SSF x Far_LoA	-10,5347486	0,045	0,292
CHR3	3E+07	CHR3:29903974	SSF x Far_LoA	-9,22248383	0,032	0,301
CHR3	3E+07	CHR3:29910032	SSF x Far_LoA	-7,35803105	-0,124	0,295
CHR3	3E+07	CHR3:29940513	SSF x Far_LoA	-5,27929549	0,137	0,307
CHR3	3E+07	CHR3:29943775	SSF x Far_LoA	-9,57668357	-0,033	0,317
CHR3	3E+07	CHR3:29943807	SSF x Far_LoA	-9,95917795	-0,040	0,294
CHR3	3E+07	CHR3:29943809	SSF x Far_LoA	-8,40637276	-0,055	0,295
CHR3	3E+07	CHR3:29943949	SSF x Far_LoA	-9,0786007	-0,019	0,297
CHR3	3E+07	CHR3:29967117	SSF x Far_LoA	-0,88771081	0,072	0,323
CHR3	299682	CHR3:299682	SSF x Far_LoA	-8,94171084	0,024	0,310
CHR3	3E+07	CHR3:29997131	SSF x Far_LoA	-9,08293677	-0,021	0,312
CHR3	3E+07	CHR3:29997134	SSF x Far_LoA	-9,96142597	-0,042	0,296
CHR3	3001860	CHR3:3001860	SSF x Far_LoA	-9,74974159	-0,031	0,312
CHR3	3001924	CHR3:3001924	SSF x Far_LoA	-8,20948556	-0,046	0,318
CHR3	3001975	CHR3:3001975	SSF x Far_LoA	-10,8812802	0,086	0,304
CHR3	3002095	CHR3:3002095	SSF x Far_LoA	-7,58822547	0,109	0,303
CHR3	3002102	CHR3:3002102	SSF x Far_LoA	-8,43205242	0,125	0,296
CHR3	3002105	CHR3:3002105	SSF x Far_LoA	-7,48886962	0,134	0,301
CHR3	3002109	CHR3:3002109	SSF x Far_LoA	-7,88558261	0,149	0,296
CHR3	3002181	CHR3:3002181	SSF x Far_LoA	-8,60509149	-0,071	0,302
CHR3	3E+07	CHR3:30030661	SSF x Far_LoA	-11,0782144	-0,037	0,300
CHR3	3E+07	CHR3:30039667	SSF x Far_LoA	-11,4819294	0,021	0,307
CHR3	3E+07	CHR3:30039673	SSF x Far_LoA	-9,92209365	-0,020	0,314
CHR3	3E+07	CHR3:30039769	SSF x Far_LoA	-10,9914772	0,002	0,305
CHR3	3E+07	CHR3:30045755	SSF x Far_LoA	-7,70900167	0,122	0,306
CHR3	3E+07	CHR3:30048099	SSF x Far_LoA	-9,55076256	0,180	0,301
CHR3	3E+07	CHR3:30048122	SSF x Far_LoA	-5,90717379	-0,104	0,294
CHR3	3E+07	CHR3:30049855	SSF x Far_LoA	-8,12449937	-0,021	0,308
CHR3	3E+07	CHR3:30049878	SSF x Far_LoA	-5,69176799	-0,067	0,305
CHR3	3E+07	CHR3:30049910	SSF x Far_LoA	-9,66975716	-0,032	0,294
CHR3	3E+07	CHR3:30049925	SSF x Far_LoA	-10,2992383	-0,039	0,309
CHR3	3006307	CHR3:3006307	SSF x Far_LoA	-5,28969821	0,028	0,308
CHR3	3006441	CHR3:3006441	SSF x Far_LoA	-10,3640901	-0,020	0,309
CHR3	3006501	CHR3:3006501	SSF x Far_LoA	-10,7654977	-0,006	0,311
CHR3	3E+07	CHR3:30068078	SSF x Far_LoA	-9,19191444	0,012	0,312
CHR3	3E+07	CHR3:30073686	SSF x Far_LoA	-9,28154023	-0,033	0,315
CHR3	3E+07	CHR3:30073794	SSF x Far_LoA	-11,1515736	-0,035	0,315
CHR3	3E+07	CHR3:30073865	SSF x Far_LoA	-8,29588817	-0,049	0,305
CHR3	3E+07	CHR3:30076597	SSF x Far_LoA	-9,01977397	-0,005	0,306
CHR3	3E+07	CHR3:30077729	SSF x Far_LoA	-10,9422816	-0,068	0,310
CHR3	3E+07	CHR3:30077785	SSF x Far_LoA	-11,3025095	-0,042	0,314
CHR3	3007930	CHR3:3007930	SSF x Far_LoA	-3,23895024	0,156	0,287
CHR3	3E+07	CHR3:30088093	SSF x Far_LoA	-7,4813857	-0,128	0,295
CHR3	3E+07	CHR3:30088111	SSF x Far_LoA	-8,4059903	-0,093	0,312
CHR3	3E+07	CHR3:30088141	SSF x Far_LoA	-9,83501847	-0,030	0,301
CHR3	3E+07	CHR3:30088195	SSF x Far_LoA	-8,073925	0,054	0,303
CHR3	3E+07	CHR3:30088269	SSF x Far_LoA	-10,518606	0,024	0,313
CHR3	3E+07	CHR3:30088296	SSF x Far_LoA	-10,3077098	-0,010	0,321

CHR3	3E+07	CHR3:30089935	SSF x Far_LoA	-11,5540267	-0,030	0,302
CHR3	3E+07	CHR3:30089940	SSF x Far_LoA	-8,4114944	-0,023	0,308
CHR3	3E+07	CHR3:30089943	SSF x Far_LoA	-3,219438	0,166	0,299
CHR3	3E+07	CHR3:30090011	SSF x Far_LoA	0,24695899	-0,078	0,310
CHR3	3E+07	CHR3:30090045	SSF x Far_LoA	-9,16696014	0,095	0,294
CHR3	3E+07	CHR3:30090054	SSF x Far_LoA	-9,6928528	0,052	0,294
CHR3	3E+07	CHR3:30094011	SSF x Far_LoA	-8,68589784	-0,157	0,302
CHR3	3E+07	CHR3:30094031	SSF x Far_LoA	0,66049161	-0,208	0,289
CHR3	3E+07	CHR3:30094033	SSF x Far_LoA	-9,34884635	-0,151	0,301
CHR3	3E+07	CHR3:30094053	SSF x Far_LoA	-2,10168937	0,138	0,312
CHR3	3E+07	CHR3:30094065	SSF x Far_LoA	-10,4774314	0,029	0,312
CHR3	3E+07	CHR3:30094135	SSF x Far_LoA	0,76748259	0,174	0,313
CHR3	3E+07	CHR3:30094145	SSF x Far_LoA	-5,82070554	0,239	0,293
CHR3	3E+07	CHR3:30094188	SSF x Far_LoA	-8,88464588	0,049	0,305
CHR3	3E+07	CHR3:30094219	SSF x Far_LoA	-7,01462098	0,140	0,304
CHR3	3E+07	CHR3:30094231	SSF x Far_LoA	-10,3609655	0,047	0,314
CHR3	3E+07	CHR3:30094234	SSF x Far_LoA	-6,89215133	0,194	0,289
CHR3	3E+07	CHR3:30094263	SSF x Far_LoA	-9,41889578	-0,186	0,292
CHR3	3009703	CHR3:3009703	SSF x Far_LoA	-7,50274241	0,076	0,301
CHR3	3009786	CHR3:3009786	SSF x Far_LoA	-9,08822403	0,034	0,310
CHR3	3E+07	CHR3:30099779	SSF x Far_LoA	-12,5374462	0,030	0,308
CHR3	3E+07	CHR3:30099781	SSF x Far_LoA	-9,19671067	-0,071	0,299
CHR3	3E+07	CHR3:30099821	SSF x Far_LoA	-9,98482492	0,169	0,281
CHR3	3E+07	CHR3:30099866	SSF x Far_LoA	-11,5803016	0,007	0,310
CHR3	3E+07	CHR3:30102835	SSF x Far_LoA	-10,0515258	-0,044	0,310
CHR3	3E+07	CHR3:30102842	SSF x Far_LoA	-8,15982615	0,059	0,306
CHR3	3E+07	CHR3:30102867	SSF x Far_LoA	-8,55537031	0,040	0,315
CHR3	3E+07	CHR3:30102872	SSF x Far_LoA	-7,15167406	-0,131	0,319
CHR3	3E+07	CHR3:30111552	SSF x Far_LoA	-11,3050574	-0,021	0,307
CHR3	3E+07	CHR3:30115450	SSF x Far_LoA	-8,43015019	-0,051	0,321
CHR3	3E+07	CHR3:30115482	SSF x Far_LoA	-7,84179955	-0,129	0,294
CHR3	3E+07	CHR3:30121168	SSF x Far_LoA	-8,30025178	0,094	0,310
CHR3	3E+07	CHR3:30121276	SSF x Far_LoA	-10,5901116	-0,117	0,299
CHR3	3E+07	CHR3:30128648	SSF x Far_LoA	-11,4735482	0,050	0,317
CHR3	3E+07	CHR3:30128770	SSF x Far_LoA	-2,7777554	-0,033	0,315
CHR3	3E+07	CHR3:30128796	SSF x Far_LoA	-8,93907049	0,013	0,302
CHR3	3E+07	CHR3:30128798	SSF x Far_LoA	-7,81253727	-0,028	0,312
CHR3	3E+07	CHR3:30128954	SSF x Far_LoA	-4,91813906	-0,037	0,305
CHR3	3E+07	CHR3:30129008	SSF x Far_LoA	-10,4988283	-0,039	0,289
CHR3	3E+07	CHR3:30131738	SSF x Far_LoA	-8,85467935	-0,068	0,313
CHR3	3E+07	CHR3:30133773	SSF x Far_LoA	-7,89435387	-0,027	0,308
CHR3	3E+07	CHR3:30133776	SSF x Far_LoA	-8,8251776	0,128	0,304
CHR3	3E+07	CHR3:30136372	SSF x Far_LoA	-9,95734993	0,139	0,306
CHR3	3E+07	CHR3:30146297	SSF x Far_LoA	-10,1368949	-0,022	0,311
CHR3	3E+07	CHR3:30146365	SSF x Far_LoA	-9,10064246	0,092	0,294
CHR3	3E+07	CHR3:30146436	SSF x Far_LoA	-11,644505	-0,005	0,308
CHR3	3E+07	CHR3:30146437	SSF x Far_LoA	-8,80439131	0,016	0,307
CHR3	3E+07	CHR3:30146461	SSF x Far_LoA	-8,99354311	0,049	0,301
CHR3	3E+07	CHR3:30146463	SSF x Far_LoA	-7,59021949	0,115	0,302
CHR3	3E+07	CHR3:30148652	SSF x Far_LoA	-10,2498125	-0,020	0,297
CHR3	3E+07	CHR3:30148657	SSF x Far_LoA	-9,73113425	-0,046	0,299
CHR3	3E+07	CHR3:30148709	SSF x Far_LoA	-9,85907449	-0,037	0,311
CHR3	3E+07	CHR3:30149401	SSF x Far_LoA	-10,2056911	0,056	0,314

CHR3	3E+07	CHR3:30162616	SSF x Far_LoA	-8,31912589	0,050	0,302
CHR3	3E+07	CHR3:30162626	SSF x Far_LoA	-9,04905006	-0,034	0,314
CHR3	3E+07	CHR3:30162641	SSF x Far_LoA	-5,55970063	-0,091	0,286
CHR3	3E+07	CHR3:30162655	SSF x Far_LoA	-8,92559996	-0,061	0,301
CHR3	3E+07	CHR3:30162656	SSF x Far_LoA	-11,8303947	0,094	0,287
CHR3	3E+07	CHR3:30162658	SSF x Far_LoA	-9,24114707	0,097	0,306
CHR3	3E+07	CHR3:30162663	SSF x Far_LoA	-7,72621287	0,012	0,317
CHR3	3E+07	CHR3:30162664	SSF x Far_LoA	-9,7047918	0,037	0,294
CHR3	3E+07	CHR3:30163217	SSF x Far_LoA	-7,72779659	0,080	0,303
CHR3	3E+07	CHR3:30163218	SSF x Far_LoA	-8,62946192	0,026	0,312
CHR3	3E+07	CHR3:30173412	SSF x Far_LoA	-9,43435874	-0,058	0,313
CHR3	3E+07	CHR3:30173413	SSF x Far_LoA	-10,4686966	-0,020	0,311
CHR3	3E+07	CHR3:30173453	SSF x Far_LoA	-9,75044666	0,048	0,301
CHR3	3E+07	CHR3:30173491	SSF x Far_LoA	-9,05814534	-0,019	0,319
CHR3	3E+07	CHR3:30173539	SSF x Far_LoA	-10,1550786	0,043	0,299
CHR3	3E+07	CHR3:30173659	SSF x Far_LoA	-8,1073666	-0,145	0,284
CHR3	3E+07	CHR3:30190138	SSF x Far_LoA	-10,8395316	-0,036	0,306
CHR3	3E+07	CHR3:30197303	SSF x Far_LoA	-6,23768344	0,206	0,298
CHR3	3E+07	CHR3:30197365	SSF x Far_LoA	-10,34716	0,058	0,290
CHR3	3E+07	CHR3:30197394	SSF x Far_LoA	-10,7143824	-0,004	0,307
CHR3	3E+07	CHR3:30197399	SSF x Far_LoA	-11,2158894	0,015	0,306
CHR3	3E+07	CHR3:30199592	SSF x Far_LoA	-10,2812879	0,007	0,317
CHR3	3E+07	CHR3:30201582	SSF x Far_LoA	-8,29560211	-0,114	0,314
CHR3	3E+07	CHR3:30201757	SSF x Far_LoA	-6,43258765	0,106	0,292
CHR3	3E+07	CHR3:30201794	SSF x Far_LoA	-11,7577542	0,011	0,303
CHR3	3E+07	CHR3:30201876	SSF x Far_LoA	-10,6396503	-0,051	0,308
CHR3	3E+07	CHR3:30205490	SSF x Far_LoA	-9,02756929	-0,023	0,308
CHR3	3E+07	CHR3:30205492	SSF x Far_LoA	-6,60694274	-0,031	0,312
CHR3	3E+07	CHR3:30205498	SSF x Far_LoA	-11,1218767	0,015	0,313
CHR3	3E+07	CHR3:30205606	SSF x Far_LoA	-10,2261715	0,008	0,306
CHR3	3E+07	CHR3:30205666	SSF x Far_LoA	-9,63024301	-0,078	0,317
CHR3	3E+07	CHR3:30205667	SSF x Far_LoA	-9,23391001	-0,085	0,315
CHR3	3E+07	CHR3:30205668	SSF x Far_LoA	-10,5883527	-0,054	0,308
CHR3	3E+07	CHR3:30214148	SSF x Far_LoA	-6,99895997	0,084	0,304
CHR3	3E+07	CHR3:30214156	SSF x Far_LoA	-9,78396442	0,024	0,301
CHR3	3E+07	CHR3:30214181	SSF x Far_LoA	-8,23532249	-0,052	0,312
CHR3	3E+07	CHR3:30214225	SSF x Far_LoA	-8,76121394	0,022	0,318
CHR3	3E+07	CHR3:30214260	SSF x Far_LoA	-8,84495734	0,128	0,290
CHR3	3E+07	CHR3:30218214	SSF x Far_LoA	-11,106125	0,051	0,309
CHR3	3E+07	CHR3:30219367	SSF x Far_LoA	-9,05983321	-0,111	0,296
CHR3	3024013	CHR3:3024013	SSF x Far_LoA	-10,1161477	-0,039	0,307
CHR3	3E+07	CHR3:30241993	SSF x Far_LoA	-8,26013387	0,043	0,310
CHR3	3E+07	CHR3:30242304	SSF x Far_LoA	-7,20281799	-0,062	0,303
CHR3	3E+07	CHR3:30250469	SSF x Far_LoA	-8,80552315	-0,040	0,315
CHR3	3E+07	CHR3:30250504	SSF x Far_LoA	-5,300493	0,042	0,319
CHR3	3E+07	CHR3:30250507	SSF x Far_LoA	-8,11098085	0,033	0,293
CHR3	3E+07	CHR3:30250516	SSF x Far_LoA	-10,6595621	-0,058	0,309
CHR3	3E+07	CHR3:30250608	SSF x Far_LoA	-8,34691997	-0,109	0,321
CHR3	3E+07	CHR3:30250623	SSF x Far_LoA	-10,9630932	0,053	0,301
CHR3	3E+07	CHR3:30250663	SSF x Far_LoA	-8,34447752	-0,039	0,307
CHR3	3E+07	CHR3:30255195	SSF x Far_LoA	-8,6269214	-0,046	0,324
CHR3	3E+07	CHR3:30255231	SSF x Far_LoA	-7,30199157	-0,179	0,290
CHR3	3E+07	CHR3:30255268	SSF x Far_LoA	-10,2061055	0,041	0,312

CHR3	3E+07	CHR3:30255301	SSF x Far_LoA	-10,3411694	0,092	0,303
CHR3	3E+07	CHR3:30264932	SSF x Far_LoA	-11,2392143	0,019	0,317
CHR3	3E+07	CHR3:30264938	SSF x Far_LoA	-8,41503042	-0,033	0,306
CHR3	3E+07	CHR3:30265019	SSF x Far_LoA	-10,9381768	0,014	0,298
CHR3	3E+07	CHR3:30266130	SSF x Far_LoA	-9,66643274	0,058	0,302
CHR3	3E+07	CHR3:30266211	SSF x Far_LoA	-8,826124	0,106	0,304
CHR3	3E+07	CHR3:30270690	SSF x Far_LoA	-0,82951188	0,102	0,303
CHR3	3E+07	CHR3:30276574	SSF x Far_LoA	-10,7152975	0,042	0,307
CHR3	3E+07	CHR3:30276730	SSF x Far_LoA	-8,84162662	0,055	0,310
CHR3	3E+07	CHR3:30292008	SSF x Far_LoA	-11,3169794	-0,036	0,300
CHR3	3E+07	CHR3:30292112	SSF x Far_LoA	-11,8061386	0,003	0,299
CHR3	3E+07	CHR3:30294717	SSF x Far_LoA	-11,2622195	-0,006	0,313
CHR3	3E+07	CHR3:30294718	SSF x Far_LoA	-10,897583	0,087	0,300
CHR3	3E+07	CHR3:30294754	SSF x Far_LoA	-8,44029212	-0,022	0,327
CHR3	3E+07	CHR3:30299521	SSF x Far_LoA	-9,47113142	-0,084	0,310
CHR3	3E+07	CHR3:30299599	SSF x Far_LoA	-11,951761	-0,010	0,306
CHR3	3E+07	CHR3:30299676	SSF x Far_LoA	-7,28564996	-0,101	0,317
CHR3	3E+07	CHR3:30299680	SSF x Far_LoA	-8,73564468	-0,009	0,301
CHR3	3E+07	CHR3:30299710	SSF x Far_LoA	-9,38077764	0,046	0,296
CHR3	3E+07	CHR3:30299711	SSF x Far_LoA	-7,13043879	0,116	0,294
CHR3	3E+07	CHR3:30299737	SSF x Far_LoA	-8,1663336	-0,020	0,312
CHR3	3E+07	CHR3:30299753	SSF x Far_LoA	-12,0030905	0,012	0,301
CHR3	3E+07	CHR3:30299761	SSF x Far_LoA	-7,78884426	0,095	0,310
CHR3	3E+07	CHR3:30299782	SSF x Far_LoA	-8,21285445	0,071	0,307
CHR3	3E+07	CHR3:30316873	SSF x Far_LoA	-9,10447397	0,042	0,314
CHR3	3E+07	CHR3:30316909	SSF x Far_LoA	-5,21162237	0,272	0,289
CHR3	3E+07	CHR3:30317190	SSF x Far_LoA	-11,2245357	0,093	0,293
CHR3	3E+07	CHR3:30325143	SSF x Far_LoA	-9,73712629	0,022	0,296
CHR3	3E+07	CHR3:30325146	SSF x Far_LoA	-9,61854583	0,012	0,296
CHR3	3E+07	CHR3:30325162	SSF x Far_LoA	-8,89572873	-0,043	0,314
CHR3	3E+07	CHR3:30325178	SSF x Far_LoA	-9,0401378	0,010	0,310
CHR3	3E+07	CHR3:30325191	SSF x Far_LoA	-9,87625018	-0,021	0,315
CHR3	3E+07	CHR3:30325215	SSF x Far_LoA	-8,53529314	-0,077	0,310
CHR3	3E+07	CHR3:30328748	SSF x Far_LoA	-7,72931237	-0,097	0,295
CHR3	3E+07	CHR3:30328751	SSF x Far_LoA	-7,19796612	0,104	0,309
CHR3	3E+07	CHR3:30328758	SSF x Far_LoA	-8,0503696	0,040	0,309
CHR3	3E+07	CHR3:30328767	SSF x Far_LoA	-8,91456529	0,029	0,301
CHR3	3E+07	CHR3:30328769	SSF x Far_LoA	-10,2058069	0,101	0,287
CHR3	3E+07	CHR3:30328780	SSF x Far_LoA	-9,24766394	-0,214	0,289
CHR3	3E+07	CHR3:30328815	SSF x Far_LoA	-8,74640272	0,102	0,296
CHR3	3E+07	CHR3:30328881	SSF x Far_LoA	-9,06192857	0,018	0,318
CHR3	3E+07	CHR3:30328914	SSF x Far_LoA	-9,20398689	-0,010	0,307
CHR3	3033683	CHR3:3033683	SSF x Far_LoA	-8,16629366	-0,083	0,307
CHR3	3033734	CHR3:3033734	SSF x Far_LoA	-8,89828514	0,003	0,310
CHR3	3033817	CHR3:3033817	SSF x Far_LoA	-8,87501222	0,080	0,294
CHR3	3033851	CHR3:3033851	SSF x Far_LoA	6,0876539	-0,040	0,300
CHR3	3E+07	CHR3:30339647	SSF x Far_LoA	-7,19114104	0,128	0,315
CHR3	3E+07	CHR3:30339683	SSF x Far_LoA	-4,6012418	-0,191	0,297
CHR3	3E+07	CHR3:30339940	SSF x Far_LoA	-5,91003221	0,139	0,311
CHR3	3E+07	CHR3:30344556	SSF x Far_LoA	-6,91988324	0,087	0,301
CHR3	3E+07	CHR3:30344591	SSF x Far_LoA	-9,47899963	0,060	0,313
CHR3	3E+07	CHR3:30344598	SSF x Far_LoA	-10,7323689	-0,050	0,299
CHR3	3E+07	CHR3:30344629	SSF x Far_LoA	-9,55922445	0,015	0,309

CHR3	3E+07	CHR3:30344688	SSF x Far_LoA	-8,82383829	-0,113	0,305
CHR3	3E+07	CHR3:30344708	SSF x Far_LoA	-11,3697212	-0,030	0,299
CHR3	3E+07	CHR3:30348873	SSF x Far_LoA	-10,6190599	0,076	0,297
CHR3	3E+07	CHR3:30349349	SSF x Far_LoA	-10,6471663	0,041	0,307
CHR3	3E+07	CHR3:30355570	SSF x Far_LoA	-8,26389494	0,005	0,319
CHR3	3E+07	CHR3:30355576	SSF x Far_LoA	-8,74338834	0,046	0,308
CHR3	3E+07	CHR3:30355675	SSF x Far_LoA	-10,1052024	-0,038	0,310
CHR3	3E+07	CHR3:30367330	SSF x Far_LoA	-7,61744603	-0,127	0,295
CHR3	3E+07	CHR3:30367476	SSF x Far_LoA	-8,92154218	-0,010	0,306
CHR3	3037090	CHR3:3037090	SSF x Far_LoA	-9,12193237	-0,014	0,312
CHR3	3037107	CHR3:3037107	SSF x Far_LoA	-9,37777583	0,022	0,316
CHR3	3E+07	CHR3:30373930	SSF x Far_LoA	-8,78970994	-0,020	0,312
CHR3	3E+07	CHR3:30374008	SSF x Far_LoA	-8,4411644	-0,154	0,304
CHR3	3E+07	CHR3:30374019	SSF x Far_LoA	-9,06562823	-0,075	0,302
CHR3	3E+07	CHR3:30374054	SSF x Far_LoA	-2,12503705	0,088	0,296
CHR3	3037779	CHR3:3037779	SSF x Far_LoA	-6,2486207	-0,101	0,315
CHR3	3037780	CHR3:3037780	SSF x Far_LoA	-4,0188803	-0,140	0,303
CHR3	3037792	CHR3:3037792	SSF x Far_LoA	-10,8970612	0,025	0,293
CHR3	3E+07	CHR3:30381120	SSF x Far_LoA	-10,3578214	-0,097	0,297
CHR3	3E+07	CHR3:30381177	SSF x Far_LoA	-8,98809658	0,060	0,315
CHR3	3E+07	CHR3:30385283	SSF x Far_LoA	-12,2013378	0,004	0,301
CHR3	3E+07	CHR3:30385471	SSF x Far_LoA	-7,31702881	0,198	0,288
CHR3	3E+07	CHR3:30404150	SSF x Far_LoA	-11,4435787	-0,011	0,306
CHR3	3E+07	CHR3:30404155	SSF x Far_LoA	-8,74888206	-0,086	0,293
CHR3	3E+07	CHR3:30413164	SSF x Far_LoA	-9,74060368	-0,034	0,315
CHR3	3E+07	CHR3:30417976	SSF x Far_LoA	4,82123518	-0,074	0,294
CHR3	3E+07	CHR3:30421690	SSF x Far_LoA	-10,0736114	-0,021	0,315
CHR3	3E+07	CHR3:30424151	SSF x Far_LoA	-8,88785352	0,105	0,293
CHR3	3E+07	CHR3:30424182	SSF x Far_LoA	-11,0221193	-0,041	0,309
CHR3	3E+07	CHR3:30428371	SSF x Far_LoA	-9,46601929	0,118	0,301
CHR3	3E+07	CHR3:30429310	SSF x Far_LoA	-7,29461068	-0,059	0,273
CHR3	3E+07	CHR3:30433106	SSF x Far_LoA	-8,17294013	-0,123	0,301
CHR3	3E+07	CHR3:30436096	SSF x Far_LoA	-9,76056694	0,029	0,316
CHR3	3E+07	CHR3:30442634	SSF x Far_LoA	-6,6119057	-0,099	0,292
CHR3	3E+07	CHR3:30442856	SSF x Far_LoA	-9,46913266	-0,027	0,305
CHR3	3E+07	CHR3:30442937	SSF x Far_LoA	-8,81767387	-0,047	0,311
CHR3	3E+07	CHR3:30447727	SSF x Far_LoA	-9,98506751	-0,057	0,303
CHR3	3E+07	CHR3:30448764	SSF x Far_LoA	-8,60800919	0,067	0,306
CHR3	3E+07	CHR3:30448794	SSF x Far_LoA	-7,8906529	0,015	0,308
CHR3	3E+07	CHR3:30448939	SSF x Far_LoA	-8,22132056	-0,092	0,305
CHR3	3E+07	CHR3:30448943	SSF x Far_LoA	-9,37151155	-0,062	0,295
CHR3	3E+07	CHR3:30479896	SSF x Far_LoA	-7,84179843	-0,082	0,302
CHR3	3E+07	CHR3:30479907	SSF x Far_LoA	-5,61630158	-0,080	0,305
CHR3	3E+07	CHR3:30479926	SSF x Far_LoA	-8,38172875	-0,076	0,298
CHR3	3E+07	CHR3:30479962	SSF x Far_LoA	-8,20552416	-0,070	0,294
CHR3	3E+07	CHR3:30479982	SSF x Far_LoA	-9,12060469	-0,079	0,299
CHR3	3E+07	CHR3:30479997	SSF x Far_LoA	-8,76065638	-0,099	0,304
CHR3	3E+07	CHR3:30490643	SSF x Far_LoA	-5,15902066	-0,125	0,311
CHR3	3E+07	CHR3:30490737	SSF x Far_LoA	-10,8175747	0,018	0,305
CHR3	3E+07	CHR3:30490747	SSF x Far_LoA	-9,92872098	0,009	0,305
CHR3	3E+07	CHR3:30490809	SSF x Far_LoA	-8,72437819	0,091	0,317
CHR3	3E+07	CHR3:30490878	SSF x Far_LoA	-9,02422844	0,104	0,313
CHR3	3E+07	CHR3:30490882	SSF x Far_LoA	-10,1451792	-0,112	0,301

CHR3	3E+07	CHR3:30492285	SSF x Far_LoA	-11,0641922	0,058	0,306
CHR3	3E+07	CHR3:30492303	SSF x Far_LoA	-8,61844497	-0,107	0,307
CHR3	3E+07	CHR3:30492348	SSF x Far_LoA	-8,82438655	0,098	0,303
CHR3	30506769	CHR3:30506769	SSF x Far_LoA	-9,35662938	0,078	0,290
CHR3	30506953	CHR3:30506953	SSF x Far_LoA	-8,73683494	-0,108	0,306
CHR3	30507084	CHR3:30507084	SSF x Far_LoA	-7,71403029	-0,115	0,306
CHR3	30525087	CHR3:30525087	SSF x Far_LoA	-6,07836288	-0,149	0,303
CHR3	30525135	CHR3:30525135	SSF x Far_LoA	-1,41882279	-0,164	0,294
CHR3	30525138	CHR3:30525138	SSF x Far_LoA	-5,23323285	-0,173	0,297
CHR3	30536826	CHR3:30536826	SSF x Far_LoA	-8,26061314	0,116	0,320
CHR3	30536847	CHR3:30536847	SSF x Far_LoA	-8,08345723	0,116	0,320
CHR3	30536853	CHR3:30536853	SSF x Far_LoA	-7,96810078	0,152	0,303
CHR3	30536891	CHR3:30536891	SSF x Far_LoA	-10,9392635	0,011	0,297
CHR3	30570479	CHR3:30570479	SSF x Far_LoA	-5,68139069	0,141	0,300
CHR3	30573852	CHR3:30573852	SSF x Far_LoA	-8,67748971	0,101	0,300
CHR3	30573960	CHR3:30573960	SSF x Far_LoA	-7,04764081	0,100	0,292
CHR3	30578401	CHR3:30578401	SSF x Far_LoA	-9,00613607	0,006	0,309
CHR3	30578435	CHR3:30578435	SSF x Far_LoA	-9,61167837	-0,066	0,303
CHR3	30587801	CHR3:30587801	SSF x Far_LoA	-11,4135817	-0,033	0,283
CHR3	30587831	CHR3:30587831	SSF x Far_LoA	-8,41154657	-0,059	0,307
CHR3	30587843	CHR3:30587843	SSF x Far_LoA	-11,7307915	-0,057	0,290
CHR3	30590374	CHR3:30590374	SSF x Far_LoA	-8,96866782	-0,084	0,305
CHR3	30595230	CHR3:30595230	SSF x Far_LoA	-8,6373099	0,028	0,316
CHR3	30595310	CHR3:30595310	SSF x Far_LoA	-11,2895206	-0,108	0,304
CHR3	30599922	CHR3:30599922	SSF x Far_LoA	-10,753069	-0,015	0,304
CHR3	30620420	CHR3:30620420	SSF x Far_LoA	-11,8758175	0,048	0,306
CHR3	30621981	CHR3:30621981	SSF x Far_LoA	-8,51825212	0,137	0,288
CHR3	30621988	CHR3:30621988	SSF x Far_LoA	-7,67208322	-0,112	0,303
CHR3	30621999	CHR3:30621999	SSF x Far_LoA	-8,25660714	0,119	0,295
CHR3	30622041	CHR3:30622041	SSF x Far_LoA	-11,3186447	-0,003	0,293
CHR3	30622044	CHR3:30622044	SSF x Far_LoA	-10,0904109	-0,011	0,307
CHR3	30623117	CHR3:30623117	SSF x Far_LoA	-9,0594872	-0,112	0,310
CHR3	30623121	CHR3:30623121	SSF x Far_LoA	-9,27699001	-0,110	0,315
CHR3	30624475	CHR3:30624475	SSF x Far_LoA	-2,79553306	0,012	0,311
CHR3	30634232	CHR3:30634232	SSF x Far_LoA	-9,95656183	0,008	0,312
CHR3	30634239	CHR3:30634239	SSF x Far_LoA	-10,8647149	-0,159	0,314
CHR3	30635109	CHR3:30635109	SSF x Far_LoA	-10,2451854	0,073	0,302
CHR3	30635198	CHR3:30635198	SSF x Far_LoA	-11,2508659	0,005	0,309
CHR3	30638715	CHR3:30638715	SSF x Far_LoA	-6,4834259	-0,048	0,323
CHR3	30638796	CHR3:30638796	SSF x Far_LoA	-10,5199497	-0,117	0,305
CHR3	30638852	CHR3:30638852	SSF x Far_LoA	-9,10103536	-0,012	0,312
CHR3	30638914	CHR3:30638914	SSF x Far_LoA	-9,15504943	0,014	0,301
CHR3	30638919	CHR3:30638919	SSF x Far_LoA	-6,89269193	-0,015	0,313
CHR3	30640430	CHR3:30640430	SSF x Far_LoA	-7,46463663	-0,198	0,295
CHR3	30640449	CHR3:30640449	SSF x Far_LoA	-8,40158069	-0,148	0,299
CHR3	30641227	CHR3:30641227	SSF x Far_LoA	-10,8744578	0,019	0,317
CHR3	30641271	CHR3:30641271	SSF x Far_LoA	-9,80914085	0,104	0,306
CHR3	30641286	CHR3:30641286	SSF x Far_LoA	-9,61518043	-0,031	0,303
CHR3	30643582	CHR3:30643582	SSF x Far_LoA	-11,3977034	0,031	0,310
CHR3	30643623	CHR3:30643623	SSF x Far_LoA	-10,3594673	-0,038	0,310
CHR3	30645837	CHR3:30645837	SSF x Far_LoA	-6,39655411	-0,126	0,300
CHR3	30645842	CHR3:30645842	SSF x Far_LoA	-6,32423996	-0,135	0,291
CHR3	30645869	CHR3:30645869	SSF x Far_LoA	-9,76308773	0,001	0,297

CHR3	30645887	CHR3:30645887	SSF x Far_LoA	-5,31431465	0,168	0,299
CHR3	30647175	CHR3:30647175	SSF x Far_LoA	-3,56207417	0,018	0,289
CHR3	30647750	CHR3:30647750	SSF x Far_LoA	-8,63124489	-0,062	0,302
CHR3	30647762	CHR3:30647762	SSF x Far_LoA	-8,90696352	0,068	0,281
CHR3	30652362	CHR3:30652362	SSF x Far_LoA	-0,50509514	0,180	0,304
CHR3	30654859	CHR3:30654859	SSF x Far_LoA	-11,9438219	-0,042	0,303
CHR3	30654871	CHR3:30654871	SSF x Far_LoA	-1,7361998	0,160	0,293
CHR3	30655194	CHR3:30655194	SSF x Far_LoA	-5,19465023	-0,144	0,292
CHR3	30670925	CHR3:30670925	SSF x Far_LoA	8,59553605	-0,111	0,290
CHR3	30670928	CHR3:30670928	SSF x Far_LoA	-11,2964872	0,017	0,297
CHR3	30670984	CHR3:30670984	SSF x Far_LoA	-4,649164	-0,021	0,317
CHR3	30671046	CHR3:30671046	SSF x Far_LoA	-11,7588245	-0,026	0,310
CHR3	30671095	CHR3:30671095	SSF x Far_LoA	-6,87046072	-0,079	0,309
CHR3	30671097	CHR3:30671097	SSF x Far_LoA	-9,72169925	-0,128	0,316
CHR3	30684569	CHR3:30684569	SSF x Far_LoA	-10,3712609	-0,016	0,310
CHR3	30684594	CHR3:30684594	SSF x Far_LoA	-9,57713373	0,052	0,290
CHR3	30687305	CHR3:30687305	SSF x Far_LoA	-10,1701723	-0,109	0,312
CHR3	30687384	CHR3:30687384	SSF x Far_LoA	-10,336999	-0,003	0,317
CHR3	30687543	CHR3:30687543	SSF x Far_LoA	-8,14743665	-0,013	0,306
CHR3	3069305	CHR3:3069305	SSF x Far_LoA	-8,4167653	0,088	0,316
CHR3	30693230	CHR3:30693230	SSF x Far_LoA	-10,1752725	0,038	0,294
CHR3	30693241	CHR3:30693241	SSF x Far_LoA	-12,2851809	0,063	0,305
CHR3	30693512	CHR3:30693512	SSF x Far_LoA	-9,64527708	0,042	0,295
CHR3	30693585	CHR3:30693585	SSF x Far_LoA	-11,0980138	0,065	0,305
CHR3	30697349	CHR3:30697349	SSF x Far_LoA	-3,03045508	0,236	0,286
CHR3	30697365	CHR3:30697365	SSF x Far_LoA	-9,21129354	0,042	0,307
CHR3	30697391	CHR3:30697391	SSF x Far_LoA	-8,1231671	0,087	0,303
CHR3	3070133	CHR3:3070133	SSF x Far_LoA	-7,25013743	0,117	0,295
CHR3	3070153	CHR3:3070153	SSF x Far_LoA	-10,4254861	0,034	0,292
CHR3	3070193	CHR3:3070193	SSF x Far_LoA	-7,1211119	-0,029	0,308
CHR3	3072191	CHR3:3072191	SSF x Far_LoA	-10,9026858	-0,078	0,299
CHR3	3072216	CHR3:3072216	SSF x Far_LoA	-10,3823544	-0,028	0,303
CHR3	30733521	CHR3:30733521	SSF x Far_LoA	-8,06407239	0,168	0,293
CHR3	30733551	CHR3:30733551	SSF x Far_LoA	-9,18465519	0,022	0,296
CHR3	30735183	CHR3:30735183	SSF x Far_LoA	-11,063744	-0,015	0,308
CHR3	30738802	CHR3:30738802	SSF x Far_LoA	-11,2256788	-0,024	0,306
CHR3	30738862	CHR3:30738862	SSF x Far_LoA	-8,19116426	-0,025	0,316
CHR3	30738894	CHR3:30738894	SSF x Far_LoA	-9,39557791	0,098	0,309
CHR3	30738895	CHR3:30738895	SSF x Far_LoA	-8,26669484	0,121	0,300
CHR3	30738949	CHR3:30738949	SSF x Far_LoA	-9,32507621	0,130	0,296
CHR3	30738962	CHR3:30738962	SSF x Far_LoA	-9,20010866	0,031	0,290
CHR3	30738965	CHR3:30738965	SSF x Far_LoA	-8,73023582	0,009	0,299
CHR3	30738992	CHR3:30738992	SSF x Far_LoA	-7,78959844	0,049	0,306
CHR3	30746564	CHR3:30746564	SSF x Far_LoA	-8,67639681	-0,132	0,307
CHR3	30746775	CHR3:30746775	SSF x Far_LoA	-11,3048094	0,007	0,302
CHR3	30746790	CHR3:30746790	SSF x Far_LoA	-10,6984264	-0,033	0,314
CHR3	30746825	CHR3:30746825	SSF x Far_LoA	-12,8511489	0,022	0,296
CHR3	30746827	CHR3:30746827	SSF x Far_LoA	-12,0117346	0,035	0,306
CHR3	3074819	CHR3:3074819	SSF x Far_LoA	-7,03402008	0,158	0,294
CHR3	30751314	CHR3:30751314	SSF x Far_LoA	-10,3227794	-0,134	0,296
CHR3	30751332	CHR3:30751332	SSF x Far_LoA	-10,2004495	-0,086	0,304
CHR3	30751365	CHR3:30751365	SSF x Far_LoA	-8,52357431	0,017	0,309
CHR3	30751424	CHR3:30751424	SSF x Far_LoA	-8,15275071	-0,089	0,314

CHR3	30751480	CHR3:30751480	SSF x Far_LoA	-8,52317457	-0,110	0,320
CHR3	30751507	CHR3:30751507	SSF x Far_LoA	-8,79251745	-0,090	0,309
CHR3	30760084	CHR3:30760084	SSF x Far_LoA	-7,11879361	0,207	0,284
CHR3	30760312	CHR3:30760312	SSF x Far_LoA	-4,76852497	0,204	0,299
CHR3	30789675	CHR3:30789675	SSF x Far_LoA	-9,61661822	-0,077	0,306
CHR3	30789702	CHR3:30789702	SSF x Far_LoA	-8,83063933	0,051	0,306
CHR3	30789709	CHR3:30789709	SSF x Far_LoA	-6,80689127	0,092	0,297
CHR3	30789711	CHR3:30789711	SSF x Far_LoA	-7,89871443	0,093	0,302
CHR3	30789737	CHR3:30789737	SSF x Far_LoA	-9,36138303	-0,055	0,314
CHR3	30800112	CHR3:30800112	SSF x Far_LoA	-10,0325208	0,015	0,313
CHR3	30800901	CHR3:30800901	SSF x Far_LoA	-8,70258614	-0,210	0,275
CHR3	30800976	CHR3:30800976	SSF x Far_LoA	-7,28592975	-0,012	0,308
CHR3	30806261	CHR3:30806261	SSF x Far_LoA	-9,12692948	-0,006	0,302
CHR3	30808060	CHR3:30808060	SSF x Far_LoA	-9,73053949	-0,010	0,303
CHR3	3080978	CHR3:3080978	SSF x Far_LoA	-9,38393093	-0,021	0,295
CHR3	30815353	CHR3:30815353	SSF x Far_LoA	-12,2202466	-0,022	0,304
CHR3	30815354	CHR3:30815354	SSF x Far_LoA	-10,5045032	-0,110	0,313
CHR3	30815520	CHR3:30815520	SSF x Far_LoA	-9,02566629	0,010	0,304
CHR3	30815567	CHR3:30815567	SSF x Far_LoA	-10,2616936	0,099	0,303
CHR3	30815785	CHR3:30815785	SSF x Far_LoA	-8,70150312	0,136	0,300
CHR3	30826673	CHR3:30826673	SSF x Far_LoA	-11,7892759	-0,075	0,313
CHR3	30826801	CHR3:30826801	SSF x Far_LoA	-9,19926816	0,018	0,306
CHR3	30829532	CHR3:30829532	SSF x Far_LoA	-9,54088496	-0,052	0,311
CHR3	30829838	CHR3:30829838	SSF x Far_LoA	-8,92464728	0,044	0,308
CHR3	30829847	CHR3:30829847	SSF x Far_LoA	-9,61968819	0,031	0,314
CHR3	30836721	CHR3:30836721	SSF x Far_LoA	-7,60675042	-0,059	0,310
CHR3	30840119	CHR3:30840119	SSF x Far_LoA	-7,91471825	0,050	0,309
CHR3	30841275	CHR3:30841275	SSF x Far_LoA	-7,76842441	-0,021	0,306
CHR3	30845529	CHR3:30845529	SSF x Far_LoA	-8,71495195	-0,099	0,305
CHR3	30846975	CHR3:30846975	SSF x Far_LoA	-11,7730045	-0,099	0,296
CHR3	30855767	CHR3:30855767	SSF x Far_LoA	-2,16971238	-0,019	0,302
CHR3	30855779	CHR3:30855779	SSF x Far_LoA	-9,26539595	-0,059	0,306
CHR3	30855783	CHR3:30855783	SSF x Far_LoA	-11,5105481	-0,024	0,317
CHR3	30855837	CHR3:30855837	SSF x Far_LoA	-9,04955893	-0,004	0,298
CHR3	30862334	CHR3:30862334	SSF x Far_LoA	-10,8027021	0,070	0,296
CHR3	30867266	CHR3:30867266	SSF x Far_LoA	-9,38956877	-0,089	0,298
CHR3	30867350	CHR3:30867350	SSF x Far_LoA	-10,1486764	0,134	0,291
CHR3	30873744	CHR3:30873744	SSF x Far_LoA	-5,36823913	-0,090	0,324
CHR3	30873948	CHR3:30873948	SSF x Far_LoA	-10,4797571	0,054	0,296
CHR3	30875772	CHR3:30875772	SSF x Far_LoA	-8,74792423	0,069	0,322
CHR3	30888206	CHR3:30888206	SSF x Far_LoA	-8,32236783	0,014	0,298
CHR3	30888227	CHR3:30888227	SSF x Far_LoA	-11,3460838	-0,049	0,306
CHR3	30888301	CHR3:30888301	SSF x Far_LoA	-12,0993733	-0,025	0,301
CHR3	30888305	CHR3:30888305	SSF x Far_LoA	-9,51167815	0,036	0,318
CHR3	30888322	CHR3:30888322	SSF x Far_LoA	-9,75367968	-0,102	0,297
CHR3	30888323	CHR3:30888323	SSF x Far_LoA	-10,6408253	-0,158	0,306
CHR3	30888329	CHR3:30888329	SSF x Far_LoA	-11,66818	-0,013	0,294
CHR3	30895251	CHR3:30895251	SSF x Far_LoA	-10,9684203	0,039	0,308
CHR3	30895289	CHR3:30895289	SSF x Far_LoA	-1,43026717	0,060	0,305
CHR3	30899474	CHR3:30899474	SSF x Far_LoA	-9,16038983	-0,060	0,295
CHR3	30899516	CHR3:30899516	SSF x Far_LoA	-8,96936229	0,117	0,296
CHR3	30899548	CHR3:30899548	SSF x Far_LoA	-9,61891366	-0,002	0,314
CHR3	30899556	CHR3:30899556	SSF x Far_LoA	-10,0081927	0,076	0,314

CHR3	30899571	CHR3:30899571	SSF x Far_LoA	-5,8041916	0,138	0,297
CHR3	30899599	CHR3:30899599	SSF x Far_LoA	-11,3241873	0,042	0,306
CHR3	30899673	CHR3:30899673	SSF x Far_LoA	-10,7056055	0,058	0,310
CHR3	3090207	CHR3:3090207	SSF x Far_LoA	-9,34120052	0,049	0,305
CHR3	3090209	CHR3:3090209	SSF x Far_LoA	-8,47926907	0,052	0,320
CHR3	3090260	CHR3:3090260	SSF x Far_LoA	-10,5776634	-0,075	0,303
CHR3	3090270	CHR3:3090270	SSF x Far_LoA	-8,01825325	0,139	0,321
CHR3	3090350	CHR3:3090350	SSF x Far_LoA	-8,21484159	0,069	0,310
CHR3	30904066	CHR3:30904066	SSF x Far_LoA	-8,90178263	0,082	0,301
CHR3	30909905	CHR3:30909905	SSF x Far_LoA	-12,0685394	-0,021	0,316
CHR3	30909954	CHR3:30909954	SSF x Far_LoA	-8,49418716	-0,054	0,304
CHR3	30927150	CHR3:30927150	SSF x Far_LoA	-10,4945644	-0,018	0,317
CHR3	30944860	CHR3:30944860	SSF x Far_LoA	-8,46479787	0,104	0,296
CHR3	30955183	CHR3:30955183	SSF x Far_LoA	-9,29895714	0,045	0,304
CHR3	30955230	CHR3:30955230	SSF x Far_LoA	-5,6054205	0,040	0,309
CHR3	30955240	CHR3:30955240	SSF x Far_LoA	-12,2148865	0,067	0,284
CHR3	30955335	CHR3:30955335	SSF x Far_LoA	-9,67572787	0,008	0,299
CHR3	30957284	CHR3:30957284	SSF x Far_LoA	-9,26620354	-0,062	0,311
CHR3	30957288	CHR3:30957288	SSF x Far_LoA	-6,84366451	0,060	0,307
CHR3	30959843	CHR3:30959843	SSF x Far_LoA	-9,69757408	-0,066	0,312
CHR3	30966518	CHR3:30966518	SSF x Far_LoA	-9,52348918	-0,061	0,311
CHR3	30966567	CHR3:30966567	SSF x Far_LoA	-10,8793728	0,057	0,314
CHR3	30966588	CHR3:30966588	SSF x Far_LoA	-10,7785759	-0,100	0,305
CHR3	30967299	CHR3:30967299	SSF x Far_LoA	-12,115262	0,017	0,304
CHR3	30967309	CHR3:30967309	SSF x Far_LoA	-6,94879761	0,052	0,311
CHR3	30967413	CHR3:30967413	SSF x Far_LoA	-10,7315313	-0,001	0,312
CHR3	30968164	CHR3:30968164	SSF x Far_LoA	-9,5702742	0,018	0,306
CHR3	30972590	CHR3:30972590	SSF x Far_LoA	-3,69584731	0,030	0,297
CHR3	30972610	CHR3:30972610	SSF x Far_LoA	-3,85886093	-0,154	0,307
CHR3	30972652	CHR3:30972652	SSF x Far_LoA	-8,98047336	0,047	0,316
CHR3	30972934	CHR3:30972934	SSF x Far_LoA	-8,76748823	-0,106	0,306
CHR3	30972978	CHR3:30972978	SSF x Far_LoA	-7,6316798	-0,061	0,323
CHR3	30972996	CHR3:30972996	SSF x Far_LoA	-7,91443457	-0,058	0,307
CHR3	30973000	CHR3:30973000	SSF x Far_LoA	-8,94734755	-0,053	0,309
CHR3	30973019	CHR3:30973019	SSF x Far_LoA	-6,98425131	-0,115	0,311
CHR3	30977396	CHR3:30977396	SSF x Far_LoA	-10,5289095	0,016	0,323
CHR3	30977414	CHR3:30977414	SSF x Far_LoA	-9,481852	-0,019	0,307
CHR3	30984010	CHR3:30984010	SSF x Far_LoA	-9,34498731	0,028	0,318
CHR3	30989918	CHR3:30989918	SSF x Far_LoA	-9,5078383	-0,015	0,321
CHR3	30989942	CHR3:30989942	SSF x Far_LoA	-8,96259412	-0,095	0,320
CHR3	30998193	CHR3:30998193	SSF x Far_LoA	-8,28277308	-0,069	0,314
CHR3	30998255	CHR3:30998255	SSF x Far_LoA	-9,56927361	-0,061	0,308
CHR3	31002356	CHR3:31002356	SSF x Far_LoA	-9,79620657	-0,062	0,307
CHR3	31002407	CHR3:31002407	SSF x Far_LoA	-7,84553615	0,105	0,300
CHR3	31002497	CHR3:31002497	SSF x Far_LoA	-8,35212831	-0,078	0,304
CHR3	3100981	CHR3:3100981	SSF x Far_LoA	-10,2517377	-0,047	0,296
CHR3	31021088	CHR3:31021088	SSF x Far_LoA	-8,60540162	-0,025	0,304
CHR3	31021110	CHR3:31021110	SSF x Far_LoA	-12,2092214	0,023	0,306
CHR3	31021233	CHR3:31021233	SSF x Far_LoA	-8,62170017	0,116	0,299
CHR3	31021244	CHR3:31021244	SSF x Far_LoA	-11,4101759	0,013	0,304
CHR3	31021274	CHR3:31021274	SSF x Far_LoA	-10,8085082	0,068	0,320
CHR3	31021332	CHR3:31021332	SSF x Far_LoA	-7,51444396	-0,019	0,307
CHR3	31021354	CHR3:31021354	SSF x Far_LoA	-9,00938986	-0,040	0,325

CHR3	3102979	CHR3:3102979	SSF x Far_LoA	-12,1994264	0,087	0,310
CHR3	3102991	CHR3:3102991	SSF x Far_LoA	-11,9525625	-0,019	0,304
CHR3	31047383	CHR3:31047383	SSF x Far_LoA	-9,67916201	0,057	0,305
CHR3	31047421	CHR3:31047421	SSF x Far_LoA	-8,53196857	-0,107	0,306
CHR3	31050084	CHR3:31050084	SSF x Far_LoA	-12,2808494	0,022	0,298
CHR3	31050738	CHR3:31050738	SSF x Far_LoA	-11,122109	-0,007	0,304
CHR3	31058470	CHR3:31058470	SSF x Far_LoA	-8,41224616	-0,193	0,311
CHR3	31060531	CHR3:31060531	SSF x Far_LoA	-7,39803425	0,196	0,296
CHR3	31061022	CHR3:31061022	SSF x Far_LoA	-6,37341373	0,212	0,294
CHR3	31063058	CHR3:31063058	SSF x Far_LoA	-11,5458287	-0,034	0,307
CHR3	31065153	CHR3:31065153	SSF x Far_LoA	-11,891294	-0,026	0,299
CHR3	31065154	CHR3:31065154	SSF x Far_LoA	-9,78991317	0,117	0,300
CHR3	31066597	CHR3:31066597	SSF x Far_LoA	-8,8345002	-0,014	0,307
CHR3	31068821	CHR3:31068821	SSF x Far_LoA	-11,2335329	-0,137	0,289
CHR3	31072971	CHR3:31072971	SSF x Far_LoA	-9,68001809	-0,112	0,297
CHR3	31091214	CHR3:31091214	SSF x Far_LoA	-8,80854978	-0,086	0,314
CHR3	31091264	CHR3:31091264	SSF x Far_LoA	-7,80941117	0,062	0,294
CHR3	31091528	CHR3:31091528	SSF x Far_LoA	-7,67152109	0,098	0,307
CHR3	31091536	CHR3:31091536	SSF x Far_LoA	-9,27463441	0,031	0,310
CHR3	31091564	CHR3:31091564	SSF x Far_LoA	-8,61913115	-0,009	0,333
CHR3	31102473	CHR3:31102473	SSF x Far_LoA	-9,6427525	0,020	0,300
CHR3	31102584	CHR3:31102584	SSF x Far_LoA	-6,79975799	-0,034	0,295
CHR3	31102635	CHR3:31102635	SSF x Far_LoA	-10,2892139	0,046	0,290
CHR3	31102638	CHR3:31102638	SSF x Far_LoA	-5,6795187	-0,164	0,302
CHR3	31102692	CHR3:31102692	SSF x Far_LoA	-9,69957613	-0,103	0,299
CHR3	31102720	CHR3:31102720	SSF x Far_LoA	-11,701515	0,021	0,302
CHR3	31106250	CHR3:31106250	SSF x Far_LoA	-10,1479914	0,099	0,305
CHR3	31106427	CHR3:31106427	SSF x Far_LoA	-10,4692568	-0,049	0,311
CHR3	31111782	CHR3:31111782	SSF x Far_LoA	-8,59615471	-0,064	0,297
CHR3	31111830	CHR3:31111830	SSF x Far_LoA	-10,8959598	-0,023	0,302
CHR3	31112790	CHR3:31112790	SSF x Far_LoA	-7,65713795	0,116	0,304
CHR3	31112791	CHR3:31112791	SSF x Far_LoA	-7,56435929	0,153	0,294
CHR3	31113903	CHR3:31113903	SSF x Far_LoA	-8,26253556	0,012	0,306
CHR3	31113972	CHR3:31113972	SSF x Far_LoA	-9,66701894	0,060	0,308
CHR3	31113975	CHR3:31113975	SSF x Far_LoA	-9,912104	0,063	0,308
CHR3	31122139	CHR3:31122139	SSF x Far_LoA	-10,5072612	0,067	0,291
CHR3	31122196	CHR3:31122196	SSF x Far_LoA	-9,75111567	-0,080	0,291
CHR3	31122300	CHR3:31122300	SSF x Far_LoA	-9,47726085	0,046	0,310
CHR3	31122347	CHR3:31122347	SSF x Far_LoA	-10,1769636	-0,092	0,311
CHR3	31128062	CHR3:31128062	SSF x Far_LoA	-9,16835097	0,007	0,313
CHR3	31129159	CHR3:31129159	SSF x Far_LoA	-8,00996552	0,032	0,320
CHR3	31129211	CHR3:31129211	SSF x Far_LoA	-9,10911786	0,068	0,317
CHR3	31129259	CHR3:31129259	SSF x Far_LoA	-10,7029067	-0,007	0,297
CHR3	31129381	CHR3:31129381	SSF x Far_LoA	-5,37976464	0,013	0,305
CHR3	31134745	CHR3:31134745	SSF x Far_LoA	-10,7241846	0,093	0,310
CHR3	31134784	CHR3:31134784	SSF x Far_LoA	-12,2266034	-0,045	0,304
CHR3	31137246	CHR3:31137246	SSF x Far_LoA	-8,43722454	0,009	0,307
CHR3	3113971	CHR3:3113971	SSF x Far_LoA	-9,4928261	-0,035	0,303
CHR3	31140142	CHR3:31140142	SSF x Far_LoA	-9,48758414	0,097	0,303
CHR3	31140194	CHR3:31140194	SSF x Far_LoA	-7,12715571	-0,095	0,315
CHR3	31140217	CHR3:31140217	SSF x Far_LoA	-9,72585032	-0,002	0,305
CHR3	31140248	CHR3:31140248	SSF x Far_LoA	-11,28057	-0,054	0,314
CHR3	3114051	CHR3:3114051	SSF x Far_LoA	-9,52021738	0,016	0,315

CHR3	31141801	CHR3:31141801	SSF x Far_LoA	-9,32384472	0,050	0,289
CHR3	31141802	CHR3:31141802	SSF x Far_LoA	-7,9470459	0,067	0,306
CHR3	31141822	CHR3:31141822	SSF x Far_LoA	-10,0394532	-0,090	0,303
CHR3	31141894	CHR3:31141894	SSF x Far_LoA	-9,28986474	0,060	0,295
CHR3	31141990	CHR3:31141990	SSF x Far_LoA	-9,57962261	-0,014	0,304
CHR3	31147874	CHR3:31147874	SSF x Far_LoA	-8,60144035	0,109	0,297
CHR3	31147887	CHR3:31147887	SSF x Far_LoA	-3,05563109	0,089	0,287
CHR3	31147888	CHR3:31147888	SSF x Far_LoA	-9,28424046	-0,043	0,304
CHR3	31148071	CHR3:31148071	SSF x Far_LoA	-8,99442662	-0,020	0,305
CHR3	31154138	CHR3:31154138	SSF x Far_LoA	-12,1122629	0,018	0,304
CHR3	31154198	CHR3:31154198	SSF x Far_LoA	-10,2182495	-0,005	0,327
CHR3	31154275	CHR3:31154275	SSF x Far_LoA	-9,52166311	0,092	0,306
CHR3	31154426	CHR3:31154426	SSF x Far_LoA	-4,8735172	-0,138	0,309
CHR3	31154433	CHR3:31154433	SSF x Far_LoA	-5,92585336	0,120	0,301
CHR3	31161185	CHR3:31161185	SSF x Far_LoA	-8,67023616	-0,135	0,290
CHR3	31161189	CHR3:31161189	SSF x Far_LoA	-10,2849738	-0,025	0,317
CHR3	31161342	CHR3:31161342	SSF x Far_LoA	-6,37389023	-0,095	0,287
CHR3	3116538	CHR3:3116538	SSF x Far_LoA	-4,1633952	0,294	0,276
CHR3	3116847	CHR3:3116847	SSF x Far_LoA	-4,07243385	-0,147	0,291
CHR3	3116862	CHR3:3116862	SSF x Far_LoA	-3,51052261	-0,002	0,319
CHR3	3116864	CHR3:3116864	SSF x Far_LoA	-11,0953564	-0,001	0,305
CHR3	3116869	CHR3:3116869	SSF x Far_LoA	-10,6321516	-0,033	0,307
CHR3	3116872	CHR3:3116872	SSF x Far_LoA	-4,1933145	-0,143	0,314
CHR3	3116876	CHR3:3116876	SSF x Far_LoA	-9,05370964	-0,066	0,313
CHR3	3116912	CHR3:3116912	SSF x Far_LoA	-5,29209118	-0,085	0,301
CHR3	3117022	CHR3:3117022	SSF x Far_LoA	-7,66299704	0,013	0,303
CHR3	31179747	CHR3:31179747	SSF x Far_LoA	-9,20865025	0,076	0,314
CHR3	31179824	CHR3:31179824	SSF x Far_LoA	-11,905915	0,038	0,304
CHR3	31179843	CHR3:31179843	SSF x Far_LoA	-6,34757049	-0,018	0,305
CHR3	31184922	CHR3:31184922	SSF x Far_LoA	-8,53287693	0,084	0,303
CHR3	31184959	CHR3:31184959	SSF x Far_LoA	-10,9847875	-0,080	0,298
CHR3	31185182	CHR3:31185182	SSF x Far_LoA	-11,644666	0,003	0,307
CHR3	31187237	CHR3:31187237	SSF x Far_LoA	-8,58745213	-0,004	0,298
CHR3	31189087	CHR3:31189087	SSF x Far_LoA	-8,1753306	0,167	0,285
CHR3	31189162	CHR3:31189162	SSF x Far_LoA	-11,431706	0,017	0,304
CHR3	31189165	CHR3:31189165	SSF x Far_LoA	-7,35733097	0,101	0,316
CHR3	31199300	CHR3:31199300	SSF x Far_LoA	-8,42165627	0,054	0,305
CHR3	31199422	CHR3:31199422	SSF x Far_LoA	-8,61423205	-0,076	0,314
CHR3	31199530	CHR3:31199530	SSF x Far_LoA	-8,26575167	-0,047	0,297
CHR3	31200912	CHR3:31200912	SSF x Far_LoA	-8,98115243	0,019	0,299
CHR3	31200951	CHR3:31200951	SSF x Far_LoA	-8,46570499	-0,037	0,294
CHR3	31202375	CHR3:31202375	SSF x Far_LoA	-10,5201038	0,024	0,305
CHR3	31202453	CHR3:31202453	SSF x Far_LoA	-8,81287974	0,081	0,303
CHR3	312032	CHR3:312032	SSF x Far_LoA	-9,79733406	-0,061	0,299
CHR3	31206291	CHR3:31206291	SSF x Far_LoA	-8,042814	-0,149	0,282
CHR3	31206338	CHR3:31206338	SSF x Far_LoA	-5,85934374	-0,192	0,297
CHR3	31206352	CHR3:31206352	SSF x Far_LoA	-6,83745465	0,005	0,310
CHR3	31207739	CHR3:31207739	SSF x Far_LoA	-9,43357785	0,072	0,305
CHR3	31207811	CHR3:31207811	SSF x Far_LoA	-9,03099966	-0,051	0,303
CHR3	31207937	CHR3:31207937	SSF x Far_LoA	-5,5539069	-0,152	0,294
CHR3	31207962	CHR3:31207962	SSF x Far_LoA	-8,27512051	0,009	0,311
CHR3	312090	CHR3:312090	SSF x Far_LoA	-8,89204036	-0,070	0,294
CHR3	31220065	CHR3:31220065	SSF x Far_LoA	-11,9949405	0,025	0,307

CHR3	31220071	CHR3:31220071	SSF x Far_LoA	1,62593003	0,021	0,299
CHR3	31222933	CHR3:31222933	SSF x Far_LoA	-7,31005562	-0,024	0,287
CHR3	31222972	CHR3:31222972	SSF x Far_LoA	-9,27998789	0,043	0,292
CHR3	31223059	CHR3:31223059	SSF x Far_LoA	-8,64418371	0,031	0,302
CHR3	31223111	CHR3:31223111	SSF x Far_LoA	-9,68574738	-0,069	0,304
CHR3	31236097	CHR3:31236097	SSF x Far_LoA	-9,83225756	0,002	0,308
CHR3	31238589	CHR3:31238589	SSF x Far_LoA	-8,27569659	0,028	0,304
CHR3	31245929	CHR3:31245929	SSF x Far_LoA	-10,1297512	0,075	0,279
CHR3	31245945	CHR3:31245945	SSF x Far_LoA	-9,35211962	0,024	0,311
CHR3	31245987	CHR3:31245987	SSF x Far_LoA	-9,63247637	0,032	0,303
CHR3	31252791	CHR3:31252791	SSF x Far_LoA	-9,21145922	-0,125	0,300
CHR3	31256105	CHR3:31256105	SSF x Far_LoA	-8,71652842	0,075	0,315
CHR3	31262737	CHR3:31262737	SSF x Far_LoA	-9,13552107	0,051	0,304
CHR3	3126721	CHR3:3126721	SSF x Far_LoA	-8,78706922	0,157	0,314
CHR3	31272954	CHR3:31272954	SSF x Far_LoA	-6,9439262	0,159	0,298
CHR3	31273032	CHR3:31273032	SSF x Far_LoA	-8,38458006	0,117	0,288
CHR3	31285095	CHR3:31285095	SSF x Far_LoA	-11,2315919	0,012	0,301
CHR3	31285169	CHR3:31285169	SSF x Far_LoA	-7,54415881	-0,035	0,317
CHR3	31295678	CHR3:31295678	SSF x Far_LoA	-10,8324344	0,035	0,312
CHR3	31295719	CHR3:31295719	SSF x Far_LoA	-7,25021207	0,127	0,288
CHR3	31295730	CHR3:31295730	SSF x Far_LoA	-10,0858674	0,011	0,321
CHR3	31295844	CHR3:31295844	SSF x Far_LoA	-8,85847363	0,046	0,306
CHR3	31295863	CHR3:31295863	SSF x Far_LoA	-9,49583743	-0,004	0,304
CHR3	31295924	CHR3:31295924	SSF x Far_LoA	-9,68455835	0,050	0,300
CHR3	31295947	CHR3:31295947	SSF x Far_LoA	-8,29237773	0,012	0,304
CHR3	31295948	CHR3:31295948	SSF x Far_LoA	-8,91189333	0,055	0,310
CHR3	31295976	CHR3:31295976	SSF x Far_LoA	-8,04390563	-0,040	0,311
CHR3	31300598	CHR3:31300598	SSF x Far_LoA	-8,08369907	-0,142	0,297
CHR3	31300630	CHR3:31300630	SSF x Far_LoA	-8,33744898	0,079	0,293
CHR3	31300689	CHR3:31300689	SSF x Far_LoA	-11,9998546	0,064	0,295
CHR3	31305484	CHR3:31305484	SSF x Far_LoA	-10,2083695	-0,027	0,315
CHR3	31305495	CHR3:31305495	SSF x Far_LoA	-11,0766696	-0,005	0,303
CHR3	31305541	CHR3:31305541	SSF x Far_LoA	-8,26069899	-0,150	0,285
CHR3	31305556	CHR3:31305556	SSF x Far_LoA	-7,73230202	-0,137	0,301
CHR3	31307696	CHR3:31307696	SSF x Far_LoA	-6,46409854	0,023	0,321
CHR3	31311233	CHR3:31311233	SSF x Far_LoA	-10,3219804	0,057	0,303
CHR3	31321614	CHR3:31321614	SSF x Far_LoA	-9,67713479	0,058	0,298
CHR3	31326643	CHR3:31326643	SSF x Far_LoA	-7,78246533	-0,022	0,307
CHR3	31327437	CHR3:31327437	SSF x Far_LoA	-9,00686779	-0,013	0,321
CHR3	31327446	CHR3:31327446	SSF x Far_LoA	-9,99494566	0,091	0,287
CHR3	31331727	CHR3:31331727	SSF x Far_LoA	-11,72575	-0,005	0,298
CHR3	31331728	CHR3:31331728	SSF x Far_LoA	-11,8641153	0,013	0,310
CHR3	31331860	CHR3:31331860	SSF x Far_LoA	-8,28293254	-0,143	0,309
CHR3	31353517	CHR3:31353517	SSF x Far_LoA	-9,6378199	0,001	0,315
CHR3	31356827	CHR3:31356827	SSF x Far_LoA	-9,57573834	-0,115	0,321
CHR3	31356829	CHR3:31356829	SSF x Far_LoA	-9,00454461	0,139	0,292
CHR3	31356872	CHR3:31356872	SSF x Far_LoA	-10,7628634	0,118	0,304
CHR3	31356878	CHR3:31356878	SSF x Far_LoA	-11,4056217	0,122	0,293
CHR3	31356906	CHR3:31356906	SSF x Far_LoA	-6,25462326	0,004	0,298
CHR3	31356983	CHR3:31356983	SSF x Far_LoA	-11,6076622	-0,029	0,309
CHR3	31357078	CHR3:31357078	SSF x Far_LoA	-6,33675641	-0,077	0,317
CHR3	31357096	CHR3:31357096	SSF x Far_LoA	-10,0043083	0,085	0,307
CHR3	31357113	CHR3:31357113	SSF x Far_LoA	-10,7829282	-0,072	0,307

CHR3	31367005	CHR3:31367005	SSF x Far_LoA	-9,32378744	0,038	0,305
CHR3	31367007	CHR3:31367007	SSF x Far_LoA	-7,80840925	0,048	0,321
CHR3	31367042	CHR3:31367042	SSF x Far_LoA	-10,429891	-0,089	0,302
CHR3	31374714	CHR3:31374714	SSF x Far_LoA	-6,37498014	0,156	0,289
CHR3	31374745	CHR3:31374745	SSF x Far_LoA	-7,4764522	0,021	0,316
CHR3	31386306	CHR3:31386306	SSF x Far_LoA	-12,1401719	-0,017	0,302
CHR3	31386368	CHR3:31386368	SSF x Far_LoA	-10,8078179	-0,051	0,307
CHR3	31386395	CHR3:31386395	SSF x Far_LoA	-9,15852289	-0,022	0,302
CHR3	31386438	CHR3:31386438	SSF x Far_LoA	-8,9866349	0,092	0,301
CHR3	31398688	CHR3:31398688	SSF x Far_LoA	-10,1868149	0,027	0,296
CHR3	31398720	CHR3:31398720	SSF x Far_LoA	-9,30170359	0,006	0,302
CHR3	31398770	CHR3:31398770	SSF x Far_LoA	-10,475239	0,043	0,299
CHR3	31398795	CHR3:31398795	SSF x Far_LoA	-11,7877087	-0,045	0,315
CHR3	3139934	CHR3:3139934	SSF x Far_LoA	-5,70135636	0,108	0,303
CHR3	3140012	CHR3:3140012	SSF x Far_LoA	-7,3314066	-0,033	0,309
CHR3	31403953	CHR3:31403953	SSF x Far_LoA	-7,32403969	0,134	0,311
CHR3	31406297	CHR3:31406297	SSF x Far_LoA	-9,07887827	-0,058	0,303
CHR3	31406314	CHR3:31406314	SSF x Far_LoA	-11,468143	-0,045	0,301
CHR3	31411473	CHR3:31411473	SSF x Far_LoA	-10,7494003	-0,119	0,290
CHR3	31414936	CHR3:31414936	SSF x Far_LoA	-11,9653108	0,018	0,309
CHR3	31448573	CHR3:31448573	SSF x Far_LoA	-10,2817963	0,018	0,300
CHR3	31451446	CHR3:31451446	SSF x Far_LoA	-9,08910567	-0,131	0,288
CHR3	31467412	CHR3:31467412	SSF x Far_LoA	-10,5685797	0,101	0,318
CHR3	31467570	CHR3:31467570	SSF x Far_LoA	-11,9968372	0,012	0,308
CHR3	31467577	CHR3:31467577	SSF x Far_LoA	-11,076103	-0,035	0,302
CHR3	31467717	CHR3:31467717	SSF x Far_LoA	-7,43318189	-0,054	0,319
CHR3	31482669	CHR3:31482669	SSF x Far_LoA	-11,9921783	-0,048	0,287
CHR3	31482732	CHR3:31482732	SSF x Far_LoA	-8,95155214	-0,021	0,313
CHR3	31489123	CHR3:31489123	SSF x Far_LoA	-9,53614573	-0,136	0,286
CHR3	3151420	CHR3:3151420	SSF x Far_LoA	-10,4122515	0,067	0,300
CHR3	31521108	CHR3:31521108	SSF x Far_LoA	-7,996986	-0,102	0,298
CHR3	31521185	CHR3:31521185	SSF x Far_LoA	-11,3102418	0,057	0,300
CHR3	31521274	CHR3:31521274	SSF x Far_LoA	-9,68933079	-0,041	0,299
CHR3	31533505	CHR3:31533505	SSF x Far_LoA	-10,7484069	0,031	0,307
CHR3	31533646	CHR3:31533646	SSF x Far_LoA	-11,7758546	0,034	0,299
CHR3	31533737	CHR3:31533737	SSF x Far_LoA	-10,8939552	-0,041	0,319
CHR3	31533780	CHR3:31533780	SSF x Far_LoA	-7,7440845	-0,026	0,305
CHR3	31533845	CHR3:31533845	SSF x Far_LoA	-10,813443	-0,152	0,297
CHR3	31533945	CHR3:31533945	SSF x Far_LoA	-5,36004341	0,120	0,306
CHR3	31555000	CHR3:31555000	SSF x Far_LoA	-4,16368376	-0,082	0,313
CHR3	31555005	CHR3:31555005	SSF x Far_LoA	-6,75108558	-0,180	0,299
CHR3	31555233	CHR3:31555233	SSF x Far_LoA	-11,0920829	0,021	0,304
CHR3	31555261	CHR3:31555261	SSF x Far_LoA	-9,738618	0,084	0,315
CHR3	31567955	CHR3:31567955	SSF x Far_LoA	-10,2318102	-0,104	0,305
CHR3	3157005	CHR3:3157005	SSF x Far_LoA	-10,2866066	-0,051	0,296
CHR3	31570127	CHR3:31570127	SSF x Far_LoA	-9,70595151	0,133	0,289
CHR3	3157020	CHR3:3157020	SSF x Far_LoA	-6,93777737	0,079	0,315
CHR3	31570389	CHR3:31570389	SSF x Far_LoA	-5,60238254	0,014	0,300
CHR3	31570421	CHR3:31570421	SSF x Far_LoA	-9,25127791	0,037	0,313
CHR3	31570423	CHR3:31570423	SSF x Far_LoA	-8,74759621	0,074	0,296
CHR3	31577479	CHR3:31577479	SSF x Far_LoA	-10,2654044	-0,004	0,293
CHR3	31577595	CHR3:31577595	SSF x Far_LoA	-10,3073094	0,126	0,304
CHR3	31577657	CHR3:31577657	SSF x Far_LoA	-6,76298286	-0,091	0,303

CHR3	31577912	CHR3:31577912	SSF x Far_LoA	-10,5831961	-0,057	0,312
CHR3	31579574	CHR3:31579574	SSF x Far_LoA	-8,83287136	0,126	0,290
CHR3	31581906	CHR3:31581906	SSF x Far_LoA	-10,2245822	-0,134	0,299
CHR3	31581911	CHR3:31581911	SSF x Far_LoA	-7,90479921	-0,117	0,317
CHR3	31581924	CHR3:31581924	SSF x Far_LoA	-6,55765187	0,080	0,303
CHR3	31581966	CHR3:31581966	SSF x Far_LoA	-7,53419365	0,166	0,302
CHR3	31581992	CHR3:31581992	SSF x Far_LoA	-11,1699192	0,099	0,304
CHR3	31615798	CHR3:31615798	SSF x Far_LoA	-10,4145046	0,055	0,312
CHR3	31616037	CHR3:31616037	SSF x Far_LoA	-12,8805911	-0,050	0,272
CHR3	31622304	CHR3:31622304	SSF x Far_LoA	-8,88069681	-0,034	0,313
CHR3	31622537	CHR3:31622537	SSF x Far_LoA	-9,9663546	0,057	0,300
CHR3	31622587	CHR3:31622587	SSF x Far_LoA	-9,24600309	0,011	0,297
CHR3	31629832	CHR3:31629832	SSF x Far_LoA	-8,55611431	0,073	0,301
CHR3	31631146	CHR3:31631146	SSF x Far_LoA	-8,85635905	-0,135	0,318
CHR3	31631153	CHR3:31631153	SSF x Far_LoA	-12,6136335	-0,013	0,298
CHR3	31640272	CHR3:31640272	SSF x Far_LoA	-9,73008423	-0,102	0,306
CHR3	31640309	CHR3:31640309	SSF x Far_LoA	-8,51322247	-0,040	0,319
CHR3	31640317	CHR3:31640317	SSF x Far_LoA	-9,91426125	0,113	0,311
CHR3	31640327	CHR3:31640327	SSF x Far_LoA	-9,23811831	-0,116	0,306
CHR3	31640330	CHR3:31640330	SSF x Far_LoA	-9,22776833	0,174	0,309
CHR3	31640355	CHR3:31640355	SSF x Far_LoA	-8,07808672	0,127	0,294
CHR3	31640359	CHR3:31640359	SSF x Far_LoA	-9,30568688	0,126	0,300
CHR3	31641937	CHR3:31641937	SSF x Far_LoA	-11,5127253	-0,021	0,312
CHR3	3164276	CHR3:3164276	SSF x Far_LoA	-10,1393828	-0,065	0,309
CHR3	31643425	CHR3:31643425	SSF x Far_LoA	-6,96365113	-0,052	0,308
CHR3	31643499	CHR3:31643499	SSF x Far_LoA	-10,8722994	0,077	0,308
CHR3	3164350	CHR3:3164350	SSF x Far_LoA	-10,29302	0,140	0,299
CHR3	31643537	CHR3:31643537	SSF x Far_LoA	-8,66014689	-0,036	0,302
CHR3	3164399	CHR3:3164399	SSF x Far_LoA	-11,8886242	0,059	0,296
CHR3	3164495	CHR3:3164495	SSF x Far_LoA	-8,06179001	-0,057	0,311
CHR3	3164588	CHR3:3164588	SSF x Far_LoA	-9,94503955	0,029	0,309
CHR3	31649654	CHR3:31649654	SSF x Far_LoA	-10,5291729	-0,032	0,318
CHR3	31649737	CHR3:31649737	SSF x Far_LoA	-11,873233	-0,044	0,306
CHR3	31649746	CHR3:31649746	SSF x Far_LoA	-9,29909171	-0,006	0,314
CHR3	31649751	CHR3:31649751	SSF x Far_LoA	-8,89548785	-0,059	0,313
CHR3	31649770	CHR3:31649770	SSF x Far_LoA	-11,5012404	-0,026	0,296
CHR3	31649841	CHR3:31649841	SSF x Far_LoA	-8,44584492	-0,032	0,305
CHR3	31649859	CHR3:31649859	SSF x Far_LoA	-4,4029679	-0,028	0,306
CHR3	31649870	CHR3:31649870	SSF x Far_LoA	-9,58768552	-0,022	0,297
CHR3	31649903	CHR3:31649903	SSF x Far_LoA	-9,74144314	-0,087	0,318
CHR3	31649935	CHR3:31649935	SSF x Far_LoA	-10,5181534	0,067	0,298
CHR3	31657197	CHR3:31657197	SSF x Far_LoA	-10,3753253	-0,053	0,301
CHR3	31657388	CHR3:31657388	SSF x Far_LoA	-9,4443545	0,020	0,301
CHR3	31663392	CHR3:31663392	SSF x Far_LoA	-9,16554979	-0,116	0,307
CHR3	31663394	CHR3:31663394	SSF x Far_LoA	-9,15259607	-0,098	0,308
CHR3	31667040	CHR3:31667040	SSF x Far_LoA	-6,38196025	0,038	0,301
CHR3	31684441	CHR3:31684441	SSF x Far_LoA	-8,66913275	-0,048	0,296
CHR3	31684459	CHR3:31684459	SSF x Far_LoA	-9,875869	0,008	0,313
CHR3	31694132	CHR3:31694132	SSF x Far_LoA	-3,58100774	-0,156	0,299
CHR3	31694155	CHR3:31694155	SSF x Far_LoA	-7,26206323	-0,154	0,303
CHR3	31694241	CHR3:31694241	SSF x Far_LoA	-10,7316853	-0,046	0,300
CHR3	31694271	CHR3:31694271	SSF x Far_LoA	-12,1753552	-0,014	0,297
CHR3	31694301	CHR3:31694301	SSF x Far_LoA	-8,56128121	-0,009	0,315

CHR3	31694729	CHR3:31694729	SSF x Far_LoA	-10,0977962	0,143	0,307
CHR3	31694760	CHR3:31694760	SSF x Far_LoA	-11,7644193	-0,013	0,301
CHR3	31694766	CHR3:31694766	SSF x Far_LoA	-8,88038156	0,146	0,300
CHR3	31694767	CHR3:31694767	SSF x Far_LoA	-9,51336933	0,038	0,317
CHR3	31694771	CHR3:31694771	SSF x Far_LoA	-8,50390212	-0,026	0,315
CHR3	31696120	CHR3:31696120	SSF x Far_LoA	-8,45890203	0,102	0,301
CHR3	31696152	CHR3:31696152	SSF x Far_LoA	-9,37156257	-0,116	0,300
CHR3	31697525	CHR3:31697525	SSF x Far_LoA	-11,0452005	-0,078	0,314
CHR3	31707309	CHR3:31707309	SSF x Far_LoA	-8,97936307	0,121	0,306
CHR3	31707375	CHR3:31707375	SSF x Far_LoA	-9,21557983	0,171	0,298
CHR3	31707396	CHR3:31707396	SSF x Far_LoA	-10,7993434	0,029	0,310
CHR3	31707424	CHR3:31707424	SSF x Far_LoA	-11,9783383	-0,029	0,301
CHR3	31725925	CHR3:31725925	SSF x Far_LoA	-7,73229373	0,111	0,311
CHR3	3172679	CHR3:3172679	SSF x Far_LoA	-9,92723731	-0,018	0,309
CHR3	3172734	CHR3:3172734	SSF x Far_LoA	-6,58612154	-0,062	0,301
CHR3	31727569	CHR3:31727569	SSF x Far_LoA	-5,89118414	-0,063	0,320
CHR3	31727578	CHR3:31727578	SSF x Far_LoA	-9,4733636	0,075	0,296
CHR3	31727600	CHR3:31727600	SSF x Far_LoA	-11,1190103	0,075	0,297
CHR3	31727660	CHR3:31727660	SSF x Far_LoA	-9,59457335	0,080	0,311
CHR3	31727687	CHR3:31727687	SSF x Far_LoA	-9,14630523	-0,051	0,308
CHR3	3172858	CHR3:3172858	SSF x Far_LoA	-7,39459262	-0,030	0,311
CHR3	31731075	CHR3:31731075	SSF x Far_LoA	-10,3344392	0,085	0,302
CHR3	31731366	CHR3:31731366	SSF x Far_LoA	-10,9019847	0,020	0,307
CHR3	31737759	CHR3:31737759	SSF x Far_LoA	-5,64913717	-0,058	0,308
CHR3	3174225	CHR3:3174225	SSF x Far_LoA	-10,591117	0,092	0,311
CHR3	31744090	CHR3:31744090	SSF x Far_LoA	-9,86403712	-0,057	0,324
CHR3	31744091	CHR3:31744091	SSF x Far_LoA	-7,80092403	-0,033	0,319
CHR3	31744092	CHR3:31744092	SSF x Far_LoA	-9,3952773	-0,080	0,309
CHR3	31744182	CHR3:31744182	SSF x Far_LoA	-10,0649695	0,005	0,312
CHR3	31744201	CHR3:31744201	SSF x Far_LoA	-10,8703938	-0,007	0,304
CHR3	31744212	CHR3:31744212	SSF x Far_LoA	-9,20902144	-0,029	0,296
CHR3	31746881	CHR3:31746881	SSF x Far_LoA	-8,36571666	0,044	0,312
CHR3	31746917	CHR3:31746917	SSF x Far_LoA	-8,06600339	-0,020	0,321
CHR3	31746925	CHR3:31746925	SSF x Far_LoA	-8,99220816	-0,024	0,306
CHR3	31749402	CHR3:31749402	SSF x Far_LoA	-11,1912626	-0,046	0,312
CHR3	31749462	CHR3:31749462	SSF x Far_LoA	-6,80077979	0,068	0,306
CHR3	31755820	CHR3:31755820	SSF x Far_LoA	-7,7278646	0,095	0,312
CHR3	31773932	CHR3:31773932	SSF x Far_LoA	-8,66634044	0,076	0,308
CHR3	31798759	CHR3:31798759	SSF x Far_LoA	-9,34774254	-0,154	0,314
CHR3	31798825	CHR3:31798825	SSF x Far_LoA	-8,98138259	-0,064	0,309
CHR3	31806660	CHR3:31806660	SSF x Far_LoA	-9,61981504	0,070	0,310
CHR3	31806750	CHR3:31806750	SSF x Far_LoA	-11,2555758	0,009	0,294
CHR3	31806798	CHR3:31806798	SSF x Far_LoA	-5,9861787	-0,195	0,305
CHR3	31806843	CHR3:31806843	SSF x Far_LoA	-7,94902031	0,137	0,298
CHR3	31810179	CHR3:31810179	SSF x Far_LoA	-8,42468228	0,055	0,313
CHR3	31810202	CHR3:31810202	SSF x Far_LoA	-9,00237106	0,000	0,315
CHR3	31821941	CHR3:31821941	SSF x Far_LoA	-8,54578173	-0,087	0,299
CHR3	31821958	CHR3:31821958	SSF x Far_LoA	-9,92118018	0,062	0,308
CHR3	31830581	CHR3:31830581	SSF x Far_LoA	-7,39775272	-0,122	0,296
CHR3	31830583	CHR3:31830583	SSF x Far_LoA	-7,83168268	-0,071	0,319
CHR3	31830641	CHR3:31830641	SSF x Far_LoA	-8,60093775	0,058	0,298
CHR3	31830642	CHR3:31830642	SSF x Far_LoA	-9,81850126	0,089	0,302
CHR3	31830702	CHR3:31830702	SSF x Far_LoA	-12,445602	0,002	0,306

CHR3	31830742	CHR3:31830742	SSF x Far_LoA	-9,82752722	0,085	0,309
CHR3	31830839	CHR3:31830839	SSF x Far_LoA	-12,2161441	0,017	0,300
CHR3	31835595	CHR3:31835595	SSF x Far_LoA	-10,9300336	0,016	0,308
CHR3	31835609	CHR3:31835609	SSF x Far_LoA	-6,13496448	0,110	0,308
CHR3	31842278	CHR3:31842278	SSF x Far_LoA	-7,90679598	-0,068	0,286
CHR3	31843123	CHR3:31843123	SSF x Far_LoA	-8,80270329	-0,011	0,310
CHR3	31844819	CHR3:31844819	SSF x Far_LoA	-6,78204868	-0,096	0,291
CHR3	31849251	CHR3:31849251	SSF x Far_LoA	-9,50673241	0,038	0,306
CHR3	31849269	CHR3:31849269	SSF x Far_LoA	-8,26678492	0,007	0,310
CHR3	31854875	CHR3:31854875	SSF x Far_LoA	-10,8399227	-0,074	0,305
CHR3	31858407	CHR3:31858407	SSF x Far_LoA	-8,15707222	-0,062	0,297
CHR3	31858427	CHR3:31858427	SSF x Far_LoA	-7,7673564	0,084	0,293
CHR3	31858528	CHR3:31858528	SSF x Far_LoA	-5,98035828	-0,060	0,303
CHR3	31858536	CHR3:31858536	SSF x Far_LoA	-10,1253246	0,034	0,301
CHR3	31858608	CHR3:31858608	SSF x Far_LoA	-8,13105674	-0,127	0,294
CHR3	31860162	CHR3:31860162	SSF x Far_LoA	-10,0035254	-0,003	0,294
CHR3	31860236	CHR3:31860236	SSF x Far_LoA	-8,50006516	0,092	0,303
CHR3	31860245	CHR3:31860245	SSF x Far_LoA	-10,4650582	-0,001	0,299
CHR3	31864481	CHR3:31864481	SSF x Far_LoA	-7,90117587	0,045	0,305
CHR3	3187854	CHR3:3187854	SSF x Far_LoA	-4,76641455	-0,019	0,300
CHR3	3187870	CHR3:3187870	SSF x Far_LoA	-11,4545475	-0,015	0,322
CHR3	31884642	CHR3:31884642	SSF x Far_LoA	-7,78202759	-0,058	0,304
CHR3	31884649	CHR3:31884649	SSF x Far_LoA	-10,224382	-0,008	0,300
CHR3	31884682	CHR3:31884682	SSF x Far_LoA	-9,41149668	0,029	0,314
CHR3	31884688	CHR3:31884688	SSF x Far_LoA	-1,33961228	-0,133	0,299
CHR3	31884732	CHR3:31884732	SSF x Far_LoA	-9,77610588	0,000	0,307
CHR3	31884734	CHR3:31884734	SSF x Far_LoA	-10,1487917	-0,003	0,309
CHR3	31884765	CHR3:31884765	SSF x Far_LoA	-8,63783286	0,073	0,309
CHR3	31887392	CHR3:31887392	SSF x Far_LoA	-9,37084439	0,121	0,288
CHR3	31887518	CHR3:31887518	SSF x Far_LoA	-9,92038875	0,065	0,303
CHR3	31887662	CHR3:31887662	SSF x Far_LoA	-8,42936705	0,165	0,295
CHR3	31895801	CHR3:31895801	SSF x Far_LoA	-8,82567835	-0,039	0,304
CHR3	31895931	CHR3:31895931	SSF x Far_LoA	-11,7968751	0,030	0,302
CHR3	31897291	CHR3:31897291	SSF x Far_LoA	-11,0828401	0,079	0,296
CHR3	31897320	CHR3:31897320	SSF x Far_LoA	-11,4156885	0,036	0,306
CHR3	31897321	CHR3:31897321	SSF x Far_LoA	-9,99410676	0,036	0,312
CHR3	31897361	CHR3:31897361	SSF x Far_LoA	-10,8747651	-0,052	0,296
CHR3	31897366	CHR3:31897366	SSF x Far_LoA	-10,7905155	0,018	0,305
CHR3	31899501	CHR3:31899501	SSF x Far_LoA	-10,9946878	0,053	0,308
CHR3	31903011	CHR3:31903011	SSF x Far_LoA	-10,2040093	-0,033	0,322
CHR3	31905544	CHR3:31905544	SSF x Far_LoA	-5,465317	0,100	0,316
CHR3	31905566	CHR3:31905566	SSF x Far_LoA	-6,93602839	-0,151	0,299
CHR3	3190581	CHR3:3190581	SSF x Far_LoA	-8,82226745	-0,019	0,296
CHR3	31907184	CHR3:31907184	SSF x Far_LoA	-11,0620041	0,024	0,302
CHR3	31907370	CHR3:31907370	SSF x Far_LoA	-9,11950071	0,068	0,303
CHR3	31907412	CHR3:31907412	SSF x Far_LoA	-10,0180804	-0,056	0,296
CHR3	31907413	CHR3:31907413	SSF x Far_LoA	-11,3377573	-0,052	0,292
CHR3	31909946	CHR3:31909946	SSF x Far_LoA	-9,12253824	0,120	0,300
CHR3	31915531	CHR3:31915531	SSF x Far_LoA	-11,9671787	-0,080	0,310
CHR3	31916849	CHR3:31916849	SSF x Far_LoA	-7,41828542	0,017	0,306
CHR3	31917638	CHR3:31917638	SSF x Far_LoA	-9,68157262	0,022	0,314
CHR3	31917666	CHR3:31917666	SSF x Far_LoA	-9,07556744	0,144	0,301
CHR3	31917692	CHR3:31917692	SSF x Far_LoA	-8,37464754	0,058	0,295

CHR3	31922921	CHR3:31922921	SSF x Far_LoA	-9,83905784	0,069	0,292
CHR3	31923026	CHR3:31923026	SSF x Far_LoA	-10,357289	-0,011	0,297
CHR3	31924479	CHR3:31924479	SSF x Far_LoA	-8,65256892	0,071	0,310
CHR3	31925559	CHR3:31925559	SSF x Far_LoA	-4,75477755	0,037	0,309
CHR3	31925714	CHR3:31925714	SSF x Far_LoA	-10,7430972	0,081	0,308
CHR3	31930610	CHR3:31930610	SSF x Far_LoA	-6,02871462	0,108	0,304
CHR3	31930671	CHR3:31930671	SSF x Far_LoA	-8,17325518	-0,115	0,288
CHR3	31936785	CHR3:31936785	SSF x Far_LoA	-10,4750736	0,076	0,308
CHR3	31936978	CHR3:31936978	SSF x Far_LoA	-9,20843034	0,052	0,302
CHR3	31938877	CHR3:31938877	SSF x Far_LoA	-9,25744007	0,085	0,306
CHR3	31938891	CHR3:31938891	SSF x Far_LoA	-8,92764495	-0,040	0,316
CHR3	31938912	CHR3:31938912	SSF x Far_LoA	-0,47356104	0,092	0,311
CHR3	31938944	CHR3:31938944	SSF x Far_LoA	-9,21007784	0,010	0,303
CHR3	31945281	CHR3:31945281	SSF x Far_LoA	-10,8387174	-0,021	0,298
CHR3	31945311	CHR3:31945311	SSF x Far_LoA	-9,37073697	0,039	0,300
CHR3	31945408	CHR3:31945408	SSF x Far_LoA	-10,9827925	-0,003	0,307
CHR3	31945509	CHR3:31945509	SSF x Far_LoA	-11,8302274	-0,030	0,305
CHR3	31963286	CHR3:31963286	SSF x Far_LoA	-8,95279679	-0,009	0,307
CHR3	31963309	CHR3:31963309	SSF x Far_LoA	-2,19952995	0,190	0,286
CHR3	31979211	CHR3:31979211	SSF x Far_LoA	-5,50776169	-0,100	0,317
CHR3	31979218	CHR3:31979218	SSF x Far_LoA	-10,5023885	0,034	0,305
CHR3	31979631	CHR3:31979631	SSF x Far_LoA	-8,72554726	0,126	0,301
CHR3	31979690	CHR3:31979690	SSF x Far_LoA	-10,4455033	0,060	0,293
CHR3	31983877	CHR3:31983877	SSF x Far_LoA	-10,1735685	-0,021	0,300
CHR3	31984002	CHR3:31984002	SSF x Far_LoA	-7,67563738	0,036	0,309
CHR3	31984091	CHR3:31984091	SSF x Far_LoA	-10,6509887	0,004	0,304
CHR3	32001959	CHR3:32001959	SSF x Far_LoA	-11,0424041	0,103	0,296
CHR3	32002143	CHR3:32002143	SSF x Far_LoA	-9,33607346	0,046	0,311
CHR3	32002160	CHR3:32002160	SSF x Far_LoA	-9,94415412	-0,060	0,313
CHR3	32011807	CHR3:32011807	SSF x Far_LoA	-7,20670023	0,107	0,309
CHR3	32011828	CHR3:32011828	SSF x Far_LoA	-10,3881841	-0,005	0,293
CHR3	32012105	CHR3:32012105	SSF x Far_LoA	-9,28475379	-0,047	0,308
CHR3	32015178	CHR3:32015178	SSF x Far_LoA	-9,92945952	-0,007	0,308
CHR3	32015232	CHR3:32015232	SSF x Far_LoA	-10,1739307	-0,088	0,307
CHR3	32015288	CHR3:32015288	SSF x Far_LoA	-8,92287834	-0,034	0,309
CHR3	32015365	CHR3:32015365	SSF x Far_LoA	-9,96814075	0,006	0,312
CHR3	32015396	CHR3:32015396	SSF x Far_LoA	-11,8586428	-0,034	0,293
CHR3	3201935	CHR3:3201935	SSF x Far_LoA	-11,9719718	0,004	0,302
CHR3	32023203	CHR3:32023203	SSF x Far_LoA	-7,27144065	-0,142	0,302
CHR3	32023518	CHR3:32023518	SSF x Far_LoA	-7,05051879	0,072	0,318
CHR3	32040775	CHR3:32040775	SSF x Far_LoA	-9,86705977	0,091	0,315
CHR3	32040869	CHR3:32040869	SSF x Far_LoA	-7,75853895	-0,110	0,303
CHR3	32040873	CHR3:32040873	SSF x Far_LoA	-8,60983794	-0,030	0,303
CHR3	32040903	CHR3:32040903	SSF x Far_LoA	-8,74663135	0,189	0,289
CHR3	32040934	CHR3:32040934	SSF x Far_LoA	-10,1368966	-0,131	0,313
CHR3	32040941	CHR3:32040941	SSF x Far_LoA	-5,12882446	0,199	0,274
CHR3	32040955	CHR3:32040955	SSF x Far_LoA	-7,94454819	-0,070	0,316
CHR3	32041022	CHR3:32041022	SSF x Far_LoA	-4,24504773	-0,050	0,312
CHR3	32046135	CHR3:32046135	SSF x Far_LoA	-10,3352419	0,166	0,293
CHR3	32046342	CHR3:32046342	SSF x Far_LoA	-10,0937144	0,012	0,316
CHR3	32050992	CHR3:32050992	SSF x Far_LoA	-9,86452766	-0,067	0,304
CHR3	32051000	CHR3:32051000	SSF x Far_LoA	-8,3697865	0,029	0,320
CHR3	32054230	CHR3:32054230	SSF x Far_LoA	-9,00897889	0,004	0,294

CHR3	32054497	CHR3:32054497	SSF x Far_LoA	-9,03618846	-0,092	0,307
CHR3	32059791	CHR3:32059791	SSF x Far_LoA	-6,64279801	-0,102	0,326
CHR3	32059792	CHR3:32059792	SSF x Far_LoA	-7,73584242	-0,075	0,322
CHR3	32059810	CHR3:32059810	SSF x Far_LoA	-11,0074211	-0,020	0,299
CHR3	32059813	CHR3:32059813	SSF x Far_LoA	-5,41221658	-0,198	0,295
CHR3	32066137	CHR3:32066137	SSF x Far_LoA	-10,7347441	-0,031	0,295
CHR3	32067081	CHR3:32067081	SSF x Far_LoA	-8,52200058	-0,103	0,303
CHR3	32069403	CHR3:32069403	SSF x Far_LoA	-11,44289	-0,011	0,302
CHR3	32069454	CHR3:32069454	SSF x Far_LoA	-10,9457372	0,084	0,305
CHR3	32080732	CHR3:32080732	SSF x Far_LoA	-9,66559778	-0,032	0,299
CHR3	32080741	CHR3:32080741	SSF x Far_LoA	-10,4509396	0,040	0,291
CHR3	32106621	CHR3:32106621	SSF x Far_LoA	-5,4365341	-0,102	0,300
CHR3	32106631	CHR3:32106631	SSF x Far_LoA	-11,798163	-0,056	0,306
CHR3	32106638	CHR3:32106638	SSF x Far_LoA	-9,8304012	-0,092	0,311
CHR3	32106761	CHR3:32106761	SSF x Far_LoA	-8,02004499	-0,095	0,309
CHR3	32106835	CHR3:32106835	SSF x Far_LoA	-10,8857208	-0,097	0,309
CHR3	32106836	CHR3:32106836	SSF x Far_LoA	-11,872013	-0,035	0,298
CHR3	32114831	CHR3:32114831	SSF x Far_LoA	-9,41939841	0,086	0,304
CHR3	32114840	CHR3:32114840	SSF x Far_LoA	-9,25546971	-0,102	0,308
CHR3	32114865	CHR3:32114865	SSF x Far_LoA	-8,46083811	-0,099	0,311
CHR3	32114883	CHR3:32114883	SSF x Far_LoA	-6,25358205	-0,189	0,291
CHR3	32118871	CHR3:32118871	SSF x Far_LoA	-9,77450324	0,074	0,317
CHR3	32119126	CHR3:32119126	SSF x Far_LoA	-8,53389053	0,016	0,303
CHR3	32119280	CHR3:32119280	SSF x Far_LoA	-9,75821729	-0,124	0,297
CHR3	32125940	CHR3:32125940	SSF x Far_LoA	-9,38049653	-0,036	0,316
CHR3	32125957	CHR3:32125957	SSF x Far_LoA	-10,2073142	0,047	0,295
CHR3	32138034	CHR3:32138034	SSF x Far_LoA	-8,21913808	0,104	0,309
CHR3	32147792	CHR3:32147792	SSF x Far_LoA	-8,16704631	0,076	0,305
CHR3	32147852	CHR3:32147852	SSF x Far_LoA	-6,06465045	-0,089	0,307
CHR3	32147953	CHR3:32147953	SSF x Far_LoA	-9,77800594	0,088	0,297
CHR3	32149327	CHR3:32149327	SSF x Far_LoA	-8,57294398	0,111	0,308
CHR3	32153034	CHR3:32153034	SSF x Far_LoA	-9,29467417	-0,065	0,304
CHR3	32153036	CHR3:32153036	SSF x Far_LoA	-6,20128454	-0,070	0,314
CHR3	32153823	CHR3:32153823	SSF x Far_LoA	-9,03543305	0,003	0,300
CHR3	32167702	CHR3:32167702	SSF x Far_LoA	-8,71830562	-0,053	0,322
CHR3	32167911	CHR3:32167911	SSF x Far_LoA	-1,78290946	-0,045	0,309
CHR3	32169994	CHR3:32169994	SSF x Far_LoA	-7,79160478	-0,080	0,294
CHR3	32170001	CHR3:32170001	SSF x Far_LoA	-10,9576697	-0,009	0,301
CHR3	32178621	CHR3:32178621	SSF x Far_LoA	-9,36595173	0,047	0,300
CHR3	32178707	CHR3:32178707	SSF x Far_LoA	-8,82085046	0,088	0,302
CHR3	32178920	CHR3:32178920	SSF x Far_LoA	-12,1568848	0,029	0,312
CHR3	32179998	CHR3:32179998	SSF x Far_LoA	-8,97258271	0,057	0,307
CHR3	32185120	CHR3:32185120	SSF x Far_LoA	-10,6832253	-0,026	0,299
CHR3	32185141	CHR3:32185141	SSF x Far_LoA	-10,4919781	-0,021	0,302
CHR3	32185178	CHR3:32185178	SSF x Far_LoA	-9,28916689	-0,081	0,296
CHR3	32189644	CHR3:32189644	SSF x Far_LoA	-9,22135132	-0,063	0,319
CHR3	3219462	CHR3:3219462	SSF x Far_LoA	-7,38746791	0,061	0,301
CHR3	3219486	CHR3:3219486	SSF x Far_LoA	-8,47424449	-0,074	0,288
CHR3	3219497	CHR3:3219497	SSF x Far_LoA	-10,8838133	0,044	0,302
CHR3	3219506	CHR3:3219506	SSF x Far_LoA	-11,3441503	-0,051	0,308
CHR3	32196810	CHR3:32196810	SSF x Far_LoA	-10,1979693	0,083	0,308
CHR3	32196925	CHR3:32196925	SSF x Far_LoA	-9,2950965	-0,050	0,309
CHR3	32199713	CHR3:32199713	SSF x Far_LoA	-6,77057715	-0,016	0,321

CHR3	32201002	CHR3:32201002	SSF x Far_LoA	-10,7554173	0,042	0,304
CHR3	32201040	CHR3:32201040	SSF x Far_LoA	-11,235032	-0,002	0,314
CHR3	32201823	CHR3:32201823	SSF x Far_LoA	-7,39957235	-0,056	0,314
CHR3	32201875	CHR3:32201875	SSF x Far_LoA	-7,63801884	0,084	0,297
CHR3	32204708	CHR3:32204708	SSF x Far_LoA	-10,3822718	0,062	0,300
CHR3	32208651	CHR3:32208651	SSF x Far_LoA	-9,61359174	-0,025	0,295
CHR3	32208684	CHR3:32208684	SSF x Far_LoA	-7,61770592	-0,111	0,304
CHR3	32208757	CHR3:32208757	SSF x Far_LoA	-8,88633833	-0,069	0,308
CHR3	32208762	CHR3:32208762	SSF x Far_LoA	-8,58170683	-0,004	0,314
CHR3	32208846	CHR3:32208846	SSF x Far_LoA	-9,68808731	0,046	0,303
CHR3	32210038	CHR3:32210038	SSF x Far_LoA	-5,18632033	-0,128	0,299
CHR3	32210116	CHR3:32210116	SSF x Far_LoA	-10,1621538	0,005	0,311
CHR3	32213243	CHR3:32213243	SSF x Far_LoA	-9,6302908	-0,022	0,304
CHR3	32213263	CHR3:32213263	SSF x Far_LoA	-7,64606727	0,081	0,316
CHR3	32217045	CHR3:32217045	SSF x Far_LoA	-9,37167352	0,033	0,283
CHR3	32232622	CHR3:32232622	SSF x Far_LoA	-11,2353419	0,067	0,319
CHR3	32232771	CHR3:32232771	SSF x Far_LoA	-9,74023748	-0,075	0,303
CHR3	32240299	CHR3:32240299	SSF x Far_LoA	-8,79896826	-0,014	0,305
CHR3	32240365	CHR3:32240365	SSF x Far_LoA	-8,25895065	0,070	0,300
CHR3	32242711	CHR3:32242711	SSF x Far_LoA	-10,9542219	0,028	0,295
CHR3	32242754	CHR3:32242754	SSF x Far_LoA	-10,45363	0,057	0,304
CHR3	32247734	CHR3:32247734	SSF x Far_LoA	-10,3769666	-0,048	0,308
CHR3	32247793	CHR3:32247793	SSF x Far_LoA	-10,590644	-0,015	0,307
CHR3	32247807	CHR3:32247807	SSF x Far_LoA	-11,2435626	0,045	0,302
CHR3	32247865	CHR3:32247865	SSF x Far_LoA	-9,05197857	-0,049	0,317
CHR3	32252320	CHR3:32252320	SSF x Far_LoA	-10,6980863	-0,116	0,298
CHR3	32252344	CHR3:32252344	SSF x Far_LoA	-10,548671	-0,119	0,313
CHR3	32252475	CHR3:32252475	SSF x Far_LoA	-8,87777982	0,046	0,311
CHR3	32260243	CHR3:32260243	SSF x Far_LoA	-7,97273987	0,187	0,281
CHR3	32260370	CHR3:32260370	SSF x Far_LoA	-8,63202272	0,046	0,310
CHR3	32262805	CHR3:32262805	SSF x Far_LoA	-9,54332801	-0,042	0,313
CHR3	32262924	CHR3:32262924	SSF x Far_LoA	-7,91571651	-0,029	0,305
CHR3	32266494	CHR3:32266494	SSF x Far_LoA	-10,2518138	0,077	0,296
CHR3	32266572	CHR3:32266572	SSF x Far_LoA	-8,90125433	-0,005	0,309
CHR3	32270347	CHR3:32270347	SSF x Far_LoA	-9,69172843	-0,052	0,290
CHR3	32270402	CHR3:32270402	SSF x Far_LoA	-10,9832381	0,040	0,298
CHR3	32271513	CHR3:32271513	SSF x Far_LoA	-9,79439874	0,015	0,311
CHR3	32271533	CHR3:32271533	SSF x Far_LoA	-11,8467239	0,042	0,313
CHR3	32271866	CHR3:32271866	SSF x Far_LoA	-9,29836326	-0,015	0,317
CHR3	32271895	CHR3:32271895	SSF x Far_LoA	-9,88082233	-0,135	0,300
CHR3	32276303	CHR3:32276303	SSF x Far_LoA	-4,98598983	-0,048	0,305
CHR3	32276306	CHR3:32276306	SSF x Far_LoA	-11,267384	-0,020	0,310
CHR3	32277491	CHR3:32277491	SSF x Far_LoA	-11,3406293	0,022	0,298
CHR3	32277497	CHR3:32277497	SSF x Far_LoA	-6,81541152	0,146	0,300
CHR3	32277522	CHR3:32277522	SSF x Far_LoA	-10,6536474	-0,126	0,304
CHR3	32277526	CHR3:32277526	SSF x Far_LoA	-7,27043724	-0,025	0,304
CHR3	32277528	CHR3:32277528	SSF x Far_LoA	-9,50329097	-0,112	0,300
CHR3	3227805	CHR3:3227805	SSF x Far_LoA	-11,4571602	0,010	0,297
CHR3	3227820	CHR3:3227820	SSF x Far_LoA	-10,2761954	-0,033	0,310
CHR3	3227864	CHR3:3227864	SSF x Far_LoA	-9,91931205	0,048	0,302
CHR3	32287748	CHR3:32287748	SSF x Far_LoA	-8,79084044	0,161	0,300
CHR3	32295270	CHR3:32295270	SSF x Far_LoA	-11,714125	0,089	0,301
CHR3	32295292	CHR3:32295292	SSF x Far_LoA	-8,15398937	0,102	0,311

CHR3	32295336	CHR3:32295336	SSF x Far_LoA	-11,2939576	-0,058	0,305
CHR3	32295354	CHR3:32295354	SSF x Far_LoA	-11,1737725	-0,005	0,294
CHR3	32295392	CHR3:32295392	SSF x Far_LoA	-10,7233767	-0,023	0,321
CHR3	32295415	CHR3:32295415	SSF x Far_LoA	-8,22481069	-0,047	0,316
CHR3	32300123	CHR3:32300123	SSF x Far_LoA	-10,6530875	-0,071	0,295
CHR3	32300259	CHR3:32300259	SSF x Far_LoA	-10,4959811	-0,013	0,310
CHR3	32300271	CHR3:32300271	SSF x Far_LoA	-9,91860932	0,002	0,312
CHR3	32300291	CHR3:32300291	SSF x Far_LoA	-9,59069888	0,006	0,306
CHR3	32300349	CHR3:32300349	SSF x Far_LoA	-8,7394213	-0,002	0,315
CHR3	32300351	CHR3:32300351	SSF x Far_LoA	-9,58401899	0,008	0,311
CHR3	32301792	CHR3:32301792	SSF x Far_LoA	-8,36165128	-0,096	0,296
CHR3	32301805	CHR3:32301805	SSF x Far_LoA	-10,4775658	0,069	0,311
CHR3	32301974	CHR3:32301974	SSF x Far_LoA	-7,00764203	0,062	0,295
CHR3	32301979	CHR3:32301979	SSF x Far_LoA	-3,59728951	0,044	0,316
CHR3	32319099	CHR3:32319099	SSF x Far_LoA	-10,2104608	0,059	0,310
CHR3	32319105	CHR3:32319105	SSF x Far_LoA	-9,76847377	-0,071	0,303
CHR3	32319184	CHR3:32319184	SSF x Far_LoA	-11,4829564	0,071	0,306
CHR3	32319207	CHR3:32319207	SSF x Far_LoA	-9,80133294	0,013	0,314
CHR3	32319290	CHR3:32319290	SSF x Far_LoA	-2,07703646	0,020	0,327
CHR3	32319312	CHR3:32319312	SSF x Far_LoA	-7,22530725	-0,159	0,301
CHR3	3232181	CHR3:3232181	SSF x Far_LoA	-8,26763047	0,058	0,309
CHR3	32324614	CHR3:32324614	SSF x Far_LoA	-12,0673382	-0,024	0,310
CHR3	32324792	CHR3:32324792	SSF x Far_LoA	-9,11142001	0,020	0,319
CHR3	32324855	CHR3:32324855	SSF x Far_LoA	-7,85212129	0,070	0,307
CHR3	32324870	CHR3:32324870	SSF x Far_LoA	-11,05142	-0,063	0,301
CHR3	32324931	CHR3:32324931	SSF x Far_LoA	-9,18693336	0,128	0,294
CHR3	32328911	CHR3:32328911	SSF x Far_LoA	-7,31345137	0,088	0,302
CHR3	32334692	CHR3:32334692	SSF x Far_LoA	-10,7213881	0,054	0,292
CHR3	32334711	CHR3:32334711	SSF x Far_LoA	-9,30433873	0,002	0,301
CHR3	32334713	CHR3:32334713	SSF x Far_LoA	-10,2072799	0,014	0,308
CHR3	32334744	CHR3:32334744	SSF x Far_LoA	-7,35665531	0,008	0,298
CHR3	32334806	CHR3:32334806	SSF x Far_LoA	-9,80695981	0,005	0,313
CHR3	32334878	CHR3:32334878	SSF x Far_LoA	-7,52997887	0,076	0,308
CHR3	32341645	CHR3:32341645	SSF x Far_LoA	-9,45994204	0,007	0,295
CHR3	32349371	CHR3:32349371	SSF x Far_LoA	-8,68791795	-0,053	0,307
CHR3	32349423	CHR3:32349423	SSF x Far_LoA	-10,7653756	-0,053	0,299
CHR3	32353408	CHR3:32353408	SSF x Far_LoA	-2,71644155	-0,197	0,295
CHR3	32359511	CHR3:32359511	SSF x Far_LoA	-8,9553216	-0,079	0,314
CHR3	32384880	CHR3:32384880	SSF x Far_LoA	-9,81057428	0,041	0,295
CHR3	32384912	CHR3:32384912	SSF x Far_LoA	-10,4469737	-0,036	0,300
CHR3	32384971	CHR3:32384971	SSF x Far_LoA	-2,32750218	-0,018	0,308
CHR3	32392738	CHR3:32392738	SSF x Far_LoA	-9,86636273	-0,148	0,309
CHR3	32392809	CHR3:32392809	SSF x Far_LoA	-9,71600816	0,043	0,314
CHR3	32406404	CHR3:32406404	SSF x Far_LoA	-11,1644146	-0,041	0,306
CHR3	32406416	CHR3:32406416	SSF x Far_LoA	-10,7727626	-0,051	0,306
CHR3	32406970	CHR3:32406970	SSF x Far_LoA	-9,07176154	-0,075	0,320
CHR3	3241522	CHR3:3241522	SSF x Far_LoA	-9,01347256	0,015	0,297
CHR3	3241550	CHR3:3241550	SSF x Far_LoA	-2,02515743	0,077	0,305
CHR3	3241560	CHR3:3241560	SSF x Far_LoA	-11,8958931	-0,005	0,325
CHR3	3242848	CHR3:3242848	SSF x Far_LoA	-9,20855206	0,023	0,302
CHR3	324327	CHR3:324327	SSF x Far_LoA	-10,5708968	-0,095	0,301
CHR3	32439973	CHR3:32439973	SSF x Far_LoA	-11,6073861	0,015	0,285
CHR3	32440099	CHR3:32440099	SSF x Far_LoA	-10,3771816	0,077	0,298

CHR3	32454058	CHR3:32454058	SSF x Far_LoA	-9,66327008	-0,025	0,311
CHR3	32456503	CHR3:32456503	SSF x Far_LoA	-10,3010414	-0,060	0,310
CHR3	32456539	CHR3:32456539	SSF x Far_LoA	-8,13919379	0,145	0,306
CHR3	32456704	CHR3:32456704	SSF x Far_LoA	-8,05212907	-0,039	0,310
CHR3	32456734	CHR3:32456734	SSF x Far_LoA	-11,8542581	-0,013	0,309
CHR3	32456740	CHR3:32456740	SSF x Far_LoA	-2,39233111	-0,149	0,320
CHR3	32460160	CHR3:32460160	SSF x Far_LoA	-9,94433728	0,030	0,316
CHR3	32460193	CHR3:32460193	SSF x Far_LoA	-11,2708964	-0,073	0,316
CHR3	32463047	CHR3:32463047	SSF x Far_LoA	-7,81133395	0,101	0,303
CHR3	32467275	CHR3:32467275	SSF x Far_LoA	-3,52605348	0,178	0,288
CHR3	32467486	CHR3:32467486	SSF x Far_LoA	-10,8047169	0,074	0,306
CHR3	32496993	CHR3:32496993	SSF x Far_LoA	-8,68059415	-0,011	0,324
CHR3	32497126	CHR3:32497126	SSF x Far_LoA	-9,03586235	0,001	0,306
CHR3	32498381	CHR3:32498381	SSF x Far_LoA	-9,48471271	-0,038	0,302
CHR3	32514146	CHR3:32514146	SSF x Far_LoA	-10,4764325	0,064	0,299
CHR3	32514149	CHR3:32514149	SSF x Far_LoA	-9,79446409	-0,063	0,312
CHR3	32521487	CHR3:32521487	SSF x Far_LoA	-8,6106672	-0,007	0,307
CHR3	32521555	CHR3:32521555	SSF x Far_LoA	-11,2501318	0,055	0,306
CHR3	32523957	CHR3:32523957	SSF x Far_LoA	-10,2120794	0,019	0,312
CHR3	32523967	CHR3:32523967	SSF x Far_LoA	-11,615371	0,020	0,314
CHR3	32524019	CHR3:32524019	SSF x Far_LoA	-8,07761117	0,169	0,293
CHR3	32524154	CHR3:32524154	SSF x Far_LoA	-9,50173241	0,003	0,306
CHR3	32527667	CHR3:32527667	SSF x Far_LoA	-8,53315056	0,051	0,305
CHR3	32527901	CHR3:32527901	SSF x Far_LoA	-7,03961251	0,106	0,310
CHR3	32528732	CHR3:32528732	SSF x Far_LoA	-9,47592663	-0,031	0,303
CHR3	32539268	CHR3:32539268	SSF x Far_LoA	-9,93812713	0,064	0,301
CHR3	32539502	CHR3:32539502	SSF x Far_LoA	-8,53992001	-0,048	0,306
CHR3	3256824	CHR3:3256824	SSF x Far_LoA	-6,22433762	0,018	0,296
CHR3	3256871	CHR3:3256871	SSF x Far_LoA	-11,5470352	-0,004	0,296
CHR3	3256919	CHR3:3256919	SSF x Far_LoA	-7,8782149	-0,079	0,305
CHR3	3256920	CHR3:3256920	SSF x Far_LoA	-9,24836247	-0,063	0,309
CHR3	3256962	CHR3:3256962	SSF x Far_LoA	-9,88386886	-0,017	0,313
CHR3	3257005	CHR3:3257005	SSF x Far_LoA	-11,1520371	-0,014	0,303
CHR3	3257040	CHR3:3257040	SSF x Far_LoA	-2,52858906	-0,219	0,288
CHR3	3257042	CHR3:3257042	SSF x Far_LoA	-8,82656226	0,133	0,293
CHR3	3257104	CHR3:3257104	SSF x Far_LoA	-11,3111523	-0,049	0,293
CHR3	32590070	CHR3:32590070	SSF x Far_LoA	-9,98535799	-0,064	0,305
CHR3	32590089	CHR3:32590089	SSF x Far_LoA	-9,18167625	-0,037	0,315
CHR3	32590351	CHR3:32590351	SSF x Far_LoA	-9,43628826	0,110	0,303
CHR3	32597567	CHR3:32597567	SSF x Far_LoA	-11,7265691	-0,042	0,311
CHR3	32644034	CHR3:32644034	SSF x Far_LoA	-9,17567516	0,078	0,305
CHR3	32660828	CHR3:32660828	SSF x Far_LoA	-7,90471068	-0,029	0,317
CHR3	32660891	CHR3:32660891	SSF x Far_LoA	-11,5518257	0,002	0,295
CHR3	32672922	CHR3:32672922	SSF x Far_LoA	-9,64075858	-0,041	0,308
CHR3	32672947	CHR3:32672947	SSF x Far_LoA	-10,4597497	-0,009	0,315
CHR3	32673129	CHR3:32673129	SSF x Far_LoA	-5,2687788	-0,028	0,315
CHR3	32673137	CHR3:32673137	SSF x Far_LoA	-9,04048394	-0,150	0,309
CHR3	32673143	CHR3:32673143	SSF x Far_LoA	-7,67477245	0,100	0,305
CHR3	32673144	CHR3:32673144	SSF x Far_LoA	-8,16706387	0,059	0,314
CHR3	32674785	CHR3:32674785	SSF x Far_LoA	-9,31907981	0,012	0,317
CHR3	32674790	CHR3:32674790	SSF x Far_LoA	-10,3932863	-0,090	0,303
CHR3	32685307	CHR3:32685307	SSF x Far_LoA	-9,74907838	-0,011	0,304
CHR3	32685433	CHR3:32685433	SSF x Far_LoA	-9,43893999	-0,035	0,300

CHR3	32685498	CHR3:32685498	SSF x Far_LoA	-8,82835486	-0,172	0,302
CHR3	32685548	CHR3:32685548	SSF x Far_LoA	-8,32572004	0,057	0,309
CHR3	32701622	CHR3:32701622	SSF x Far_LoA	-10,1135385	0,115	0,318
CHR3	32701650	CHR3:32701650	SSF x Far_LoA	-10,2625936	-0,120	0,324
CHR3	327040	CHR3:327040	SSF x Far_LoA	-5,21581136	-0,195	0,313
CHR3	3272263	CHR3:3272263	SSF x Far_LoA	-10,5780966	-0,036	0,305
CHR3	32726695	CHR3:32726695	SSF x Far_LoA	-8,9729341	-0,009	0,311
CHR3	32726709	CHR3:32726709	SSF x Far_LoA	-8,0003875	-0,140	0,307
CHR3	32727475	CHR3:32727475	SSF x Far_LoA	-3,24037063	0,091	0,296
CHR3	32727479	CHR3:32727479	SSF x Far_LoA	-7,81621659	-0,142	0,297
CHR3	32727488	CHR3:32727488	SSF x Far_LoA	-8,91068334	0,092	0,300
CHR3	32727520	CHR3:32727520	SSF x Far_LoA	-7,84691173	0,108	0,305
CHR3	32727537	CHR3:32727537	SSF x Far_LoA	-10,7647804	0,033	0,307
CHR3	32727560	CHR3:32727560	SSF x Far_LoA	-8,29344691	-0,048	0,303
CHR3	32727580	CHR3:32727580	SSF x Far_LoA	-9,64405636	-0,098	0,288
CHR3	32727592	CHR3:32727592	SSF x Far_LoA	-12,088419	0,007	0,307
CHR3	32729220	CHR3:32729220	SSF x Far_LoA	-8,73086532	-0,160	0,293
CHR3	32729233	CHR3:32729233	SSF x Far_LoA	-11,4042464	-0,085	0,311
CHR3	32729615	CHR3:32729615	SSF x Far_LoA	-10,7539743	-0,082	0,301
CHR3	32731758	CHR3:32731758	SSF x Far_LoA	-11,6293	0,008	0,305
CHR3	32731760	CHR3:32731760	SSF x Far_LoA	-9,27477263	0,057	0,310
CHR3	32732761	CHR3:32732761	SSF x Far_LoA	-10,8539322	-0,054	0,320
CHR3	32740982	CHR3:32740982	SSF x Far_LoA	-8,3637709	0,090	0,331
CHR3	32741322	CHR3:32741322	SSF x Far_LoA	-7,17820835	-0,036	0,301
CHR3	32741430	CHR3:32741430	SSF x Far_LoA	-9,91553443	0,015	0,305
CHR3	32748276	CHR3:32748276	SSF x Far_LoA	-8,85503152	-0,052	0,311
CHR3	32750855	CHR3:32750855	SSF x Far_LoA	-8,88502811	0,160	0,307
CHR3	32750858	CHR3:32750858	SSF x Far_LoA	-6,54837678	0,156	0,309
CHR3	32750872	CHR3:32750872	SSF x Far_LoA	-10,2428262	0,058	0,300
CHR3	32750947	CHR3:32750947	SSF x Far_LoA	-11,1735196	0,033	0,301
CHR3	32751056	CHR3:32751056	SSF x Far_LoA	-11,6581293	0,044	0,320
CHR3	32752065	CHR3:32752065	SSF x Far_LoA	-8,61314936	0,071	0,303
CHR3	32752953	CHR3:32752953	SSF x Far_LoA	-8,86534386	-0,041	0,302
CHR3	32752962	CHR3:32752962	SSF x Far_LoA	-11,0676904	-0,037	0,299
CHR3	32753104	CHR3:32753104	SSF x Far_LoA	-6,47455622	-0,015	0,319
CHR3	32753210	CHR3:32753210	SSF x Far_LoA	-9,02000502	-0,020	0,310
CHR3	32753217	CHR3:32753217	SSF x Far_LoA	-8,90285019	-0,129	0,307
CHR3	32757065	CHR3:32757065	SSF x Far_LoA	-8,37891983	-0,033	0,305
CHR3	32757249	CHR3:32757249	SSF x Far_LoA	-9,69583863	0,014	0,302
CHR3	3275885	CHR3:3275885	SSF x Far_LoA	-7,95174686	-0,025	0,310
CHR3	32759096	CHR3:32759096	SSF x Far_LoA	-8,46122536	0,114	0,311
CHR3	32759160	CHR3:32759160	SSF x Far_LoA	-7,4760449	-0,138	0,303
CHR3	32759164	CHR3:32759164	SSF x Far_LoA	-9,90891734	-0,126	0,312
CHR3	32759204	CHR3:32759204	SSF x Far_LoA	-10,0888581	0,026	0,314
CHR3	3275993	CHR3:3275993	SSF x Far_LoA	-6,11254181	0,098	0,314
CHR3	32765815	CHR3:32765815	SSF x Far_LoA	-10,292811	-0,046	0,307
CHR3	32765824	CHR3:32765824	SSF x Far_LoA	-10,7402846	0,032	0,308
CHR3	32765856	CHR3:32765856	SSF x Far_LoA	-10,7682316	0,052	0,303
CHR3	32765886	CHR3:32765886	SSF x Far_LoA	-9,09393254	0,098	0,308
CHR3	32765961	CHR3:32765961	SSF x Far_LoA	-6,55919599	0,157	0,312
CHR3	32784748	CHR3:32784748	SSF x Far_LoA	-9,69865463	-0,091	0,309
CHR3	32784822	CHR3:32784822	SSF x Far_LoA	-10,6790706	0,085	0,305
CHR3	32784831	CHR3:32784831	SSF x Far_LoA	-10,8923633	0,003	0,313

CHR3	32784971	CHR3:32784971	SSF x Far_LoA	-7,14514304	0,040	0,304
CHR3	32784992	CHR3:32784992	SSF x Far_LoA	-9,48831385	-0,051	0,315
CHR3	32790221	CHR3:32790221	SSF x Far_LoA	-4,41027193	0,192	0,306
CHR3	32790234	CHR3:32790234	SSF x Far_LoA	-9,28684732	0,072	0,303
CHR3	32790288	CHR3:32790288	SSF x Far_LoA	-8,11774782	-0,001	0,319
CHR3	32801136	CHR3:32801136	SSF x Far_LoA	-9,8581951	-0,015	0,310
CHR3	32801138	CHR3:32801138	SSF x Far_LoA	-10,7861645	-0,061	0,280
CHR3	32801150	CHR3:32801150	SSF x Far_LoA	-9,06432792	-0,028	0,305
CHR3	32801191	CHR3:32801191	SSF x Far_LoA	-7,41371588	0,167	0,292
CHR3	32801367	CHR3:32801367	SSF x Far_LoA	-10,1169786	0,070	0,311
CHR3	32805264	CHR3:32805264	SSF x Far_LoA	-8,6648556	-0,071	0,309
CHR3	32805280	CHR3:32805280	SSF x Far_LoA	-5,49344751	0,137	0,305
CHR3	32805332	CHR3:32805332	SSF x Far_LoA	-8,87502081	-0,019	0,308
CHR3	32805373	CHR3:32805373	SSF x Far_LoA	-8,96406001	-0,025	0,310
CHR3	32805401	CHR3:32805401	SSF x Far_LoA	-7,8931715	0,037	0,299
CHR3	32810436	CHR3:32810436	SSF x Far_LoA	-6,24412207	0,017	0,314
CHR3	32810444	CHR3:32810444	SSF x Far_LoA	-8,84118435	-0,040	0,309
CHR3	32830724	CHR3:32830724	SSF x Far_LoA	-9,29858029	0,086	0,304
CHR3	32830730	CHR3:32830730	SSF x Far_LoA	-10,3363484	-0,038	0,307
CHR3	32830786	CHR3:32830786	SSF x Far_LoA	-11,7133746	0,027	0,299
CHR3	32830792	CHR3:32830792	SSF x Far_LoA	-9,14549399	-0,100	0,309
CHR3	32830802	CHR3:32830802	SSF x Far_LoA	-11,8920971	0,045	0,297
CHR3	32830846	CHR3:32830846	SSF x Far_LoA	-7,14208733	-0,076	0,312
CHR3	32830873	CHR3:32830873	SSF x Far_LoA	-8,76967505	-0,101	0,286
CHR3	32834894	CHR3:32834894	SSF x Far_LoA	-9,1438144	0,050	0,320
CHR3	3285175	CHR3:3285175	SSF x Far_LoA	-7,64050512	0,010	0,291
CHR3	32862364	CHR3:32862364	SSF x Far_LoA	-9,56836937	-0,032	0,305
CHR3	32862399	CHR3:32862399	SSF x Far_LoA	-10,452421	-0,098	0,306
CHR3	32862509	CHR3:32862509	SSF x Far_LoA	-11,6867692	0,026	0,292
CHR3	3287430	CHR3:3287430	SSF x Far_LoA	-8,94721393	0,051	0,306
CHR3	3287444	CHR3:3287444	SSF x Far_LoA	-9,58727993	0,032	0,301
CHR3	3287852	CHR3:3287852	SSF x Far_LoA	-10,0030743	-0,022	0,301
CHR3	32878720	CHR3:32878720	SSF x Far_LoA	-12,240397	0,020	0,292
CHR3	32878741	CHR3:32878741	SSF x Far_LoA	-9,13998326	-0,074	0,305
CHR3	32878841	CHR3:32878841	SSF x Far_LoA	-11,5266802	-0,013	0,308
CHR3	32897734	CHR3:32897734	SSF x Far_LoA	-9,47863116	0,095	0,299
CHR3	32897744	CHR3:32897744	SSF x Far_LoA	-7,1733824	-0,057	0,285
CHR3	32897813	CHR3:32897813	SSF x Far_LoA	-9,64415818	0,039	0,302
CHR3	32897836	CHR3:32897836	SSF x Far_LoA	6,4645853	0,088	0,308
CHR3	32897887	CHR3:32897887	SSF x Far_LoA	-10,9402578	0,018	0,304
CHR3	32898051	CHR3:32898051	SSF x Far_LoA	-7,59791412	-0,107	0,312
CHR3	32905545	CHR3:32905545	SSF x Far_LoA	-7,4174498	-0,046	0,320
CHR3	32905583	CHR3:32905583	SSF x Far_LoA	-10,5859484	0,081	0,307
CHR3	32905622	CHR3:32905622	SSF x Far_LoA	-8,75251934	0,007	0,310
CHR3	32905664	CHR3:32905664	SSF x Far_LoA	-9,55040572	0,029	0,314
CHR3	32905710	CHR3:32905710	SSF x Far_LoA	-8,18727865	-0,110	0,298
CHR3	32909441	CHR3:32909441	SSF x Far_LoA	-10,9584316	-0,031	0,298
CHR3	32912401	CHR3:32912401	SSF x Far_LoA	-7,34866645	0,019	0,307
CHR3	3291854	CHR3:3291854	SSF x Far_LoA	-8,60408989	-0,107	0,303
CHR3	3291855	CHR3:3291855	SSF x Far_LoA	-5,41246722	-0,104	0,296
CHR3	3291873	CHR3:3291873	SSF x Far_LoA	-8,4457905	0,106	0,291
CHR3	32918829	CHR3:32918829	SSF x Far_LoA	-10,8066341	0,022	0,297
CHR3	3291883	CHR3:3291883	SSF x Far_LoA	-9,42604704	-0,106	0,296

CHR3	3291900	CHR3:3291900	SSF x Far_LoA	-9,20584587	-0,065	0,304
CHR3	32919005	CHR3:32919005	SSF x Far_LoA	-10,4998806	0,058	0,304
CHR3	3291901	CHR3:3291901	SSF x Far_LoA	-10,3499639	-0,070	0,292
CHR3	32922839	CHR3:32922839	SSF x Far_LoA	-11,9396643	0,011	0,302
CHR3	32922975	CHR3:32922975	SSF x Far_LoA	-9,19279114	-0,025	0,314
CHR3	32923085	CHR3:32923085	SSF x Far_LoA	-12,397859	-0,023	0,299
CHR3	32923092	CHR3:32923092	SSF x Far_LoA	-11,5661213	0,038	0,305
CHR3	32932084	CHR3:32932084	SSF x Far_LoA	-9,51755558	-0,013	0,304
CHR3	32932720	CHR3:32932720	SSF x Far_LoA	3,50040033	0,038	0,308
CHR3	32932769	CHR3:32932769	SSF x Far_LoA	-9,35413304	-0,066	0,311
CHR3	32936345	CHR3:32936345	SSF x Far_LoA	-6,39532769	-0,177	0,319
CHR3	32936408	CHR3:32936408	SSF x Far_LoA	-10,1548699	-0,004	0,308
CHR3	32936419	CHR3:32936419	SSF x Far_LoA	-10,1678811	0,041	0,314
CHR3	32937191	CHR3:32937191	SSF x Far_LoA	-10,9184737	0,014	0,313
CHR3	32941395	CHR3:32941395	SSF x Far_LoA	-10,3747079	0,082	0,303
CHR3	32941487	CHR3:32941487	SSF x Far_LoA	-9,72641682	-0,023	0,310
CHR3	32941509	CHR3:32941509	SSF x Far_LoA	-10,8623707	-0,050	0,302
CHR3	32941511	CHR3:32941511	SSF x Far_LoA	-10,1033238	-0,077	0,318
CHR3	32941574	CHR3:32941574	SSF x Far_LoA	-5,44058294	-0,082	0,281
CHR3	32944945	CHR3:32944945	SSF x Far_LoA	-8,65558929	-0,067	0,309
CHR3	32944958	CHR3:32944958	SSF x Far_LoA	-10,399254	0,091	0,314
CHR3	32944980	CHR3:32944980	SSF x Far_LoA	-9,16800941	0,090	0,290
CHR3	32948559	CHR3:32948559	SSF x Far_LoA	-9,40986309	-0,068	0,307
CHR3	32948563	CHR3:32948563	SSF x Far_LoA	-8,70992387	-0,048	0,313
CHR3	32948565	CHR3:32948565	SSF x Far_LoA	-8,48950855	0,032	0,300
CHR3	32949826	CHR3:32949826	SSF x Far_LoA	-7,63722712	-0,118	0,295
CHR3	32949836	CHR3:32949836	SSF x Far_LoA	-10,6752171	0,021	0,308
CHR3	32949862	CHR3:32949862	SSF x Far_LoA	-8,89687557	-0,076	0,298
CHR3	32949872	CHR3:32949872	SSF x Far_LoA	-9,76637936	-0,056	0,314
CHR3	32950489	CHR3:32950489	SSF x Far_LoA	-8,86995023	0,055	0,303
CHR3	32957942	CHR3:32957942	SSF x Far_LoA	-11,6177634	-0,043	0,301
CHR3	32957956	CHR3:32957956	SSF x Far_LoA	-9,00648888	-0,047	0,302
CHR3	32957977	CHR3:32957977	SSF x Far_LoA	-9,44807639	0,057	0,301
CHR3	32958042	CHR3:32958042	SSF x Far_LoA	-8,39230411	0,113	0,294
CHR3	329676	CHR3:329676	SSF x Far_LoA	-8,31212692	0,096	0,305
CHR3	32977616	CHR3:32977616	SSF x Far_LoA	-12,0416764	-0,026	0,301
CHR3	32977637	CHR3:32977637	SSF x Far_LoA	-10,928125	-0,020	0,320
CHR3	32977791	CHR3:32977791	SSF x Far_LoA	-9,57862664	0,006	0,312
CHR3	32993619	CHR3:32993619	SSF x Far_LoA	-10,6369998	0,039	0,314
CHR3	32993691	CHR3:32993691	SSF x Far_LoA	-9,46874273	0,057	0,290
CHR3	32993781	CHR3:32993781	SSF x Far_LoA	-7,17794907	-0,061	0,301
CHR3	32993795	CHR3:32993795	SSF x Far_LoA	-11,4312324	0,009	0,295
CHR3	32993835	CHR3:32993835	SSF x Far_LoA	-9,16830594	0,061	0,308
CHR3	32994843	CHR3:32994843	SSF x Far_LoA	-10,2618256	-0,129	0,305
CHR3	32994995	CHR3:32994995	SSF x Far_LoA	-9,18669193	-0,055	0,312
CHR3	32995000	CHR3:32995000	SSF x Far_LoA	-7,14489751	-0,098	0,304
CHR3	33004950	CHR3:33004950	SSF x Far_LoA	-10,8256108	-0,002	0,307
CHR3	33004951	CHR3:33004951	SSF x Far_LoA	-7,0610038	0,153	0,308
CHR3	33004952	CHR3:33004952	SSF x Far_LoA	-8,91970396	-0,062	0,315
CHR3	33004958	CHR3:33004958	SSF x Far_LoA	-9,42602224	0,009	0,305
CHR3	33004964	CHR3:33004964	SSF x Far_LoA	-9,97863862	0,011	0,309
CHR3	33004993	CHR3:33004993	SSF x Far_LoA	-6,06201529	-0,058	0,307
CHR3	33004994	CHR3:33004994	SSF x Far_LoA	-10,8531319	0,094	0,283

CHR3	33005016	CHR3:33005016	SSF x Far_LoA	-3,77748668	-0,164	0,310
CHR3	33005019	CHR3:33005019	SSF x Far_LoA	-9,3735338	0,128	0,307
CHR3	33005020	CHR3:33005020	SSF x Far_LoA	-8,8138955	0,012	0,308
CHR3	33005021	CHR3:33005021	SSF x Far_LoA	-9,44380199	-0,040	0,308
CHR3	33005022	CHR3:33005022	SSF x Far_LoA	-9,21508347	-0,066	0,300
CHR3	33011958	CHR3:33011958	SSF x Far_LoA	-6,44467589	0,181	0,301
CHR3	33011967	CHR3:33011967	SSF x Far_LoA	-6,59271615	-0,157	0,299
CHR3	33012050	CHR3:33012050	SSF x Far_LoA	-1,98442002	-0,096	0,315
CHR3	33012061	CHR3:33012061	SSF x Far_LoA	-9,38496104	-0,070	0,311
CHR3	33012064	CHR3:33012064	SSF x Far_LoA	-4,56092472	-0,092	0,312
CHR3	33012065	CHR3:33012065	SSF x Far_LoA	-7,69720285	-0,081	0,314
CHR3	33012066	CHR3:33012066	SSF x Far_LoA	-8,72641775	-0,061	0,320
CHR3	33012068	CHR3:33012068	SSF x Far_LoA	-9,17247473	-0,081	0,310
CHR3	33017105	CHR3:33017105	SSF x Far_LoA	-9,26068505	0,112	0,295
CHR3	33017173	CHR3:33017173	SSF x Far_LoA	-9,97515643	0,092	0,295
CHR3	33017209	CHR3:33017209	SSF x Far_LoA	-10,9644081	-0,039	0,310
CHR3	33017274	CHR3:33017274	SSF x Far_LoA	-11,145417	0,042	0,301
CHR3	33022507	CHR3:33022507	SSF x Far_LoA	-9,51710654	0,093	0,304
CHR3	33022516	CHR3:33022516	SSF x Far_LoA	-8,18545971	-0,053	0,317
CHR3	33022524	CHR3:33022524	SSF x Far_LoA	-8,54248932	0,052	0,311
CHR3	33022562	CHR3:33022562	SSF x Far_LoA	-8,86826405	-0,054	0,313
CHR3	33022593	CHR3:33022593	SSF x Far_LoA	-8,42486731	0,075	0,304
CHR3	33022611	CHR3:33022611	SSF x Far_LoA	-9,49532447	0,069	0,309
CHR3	33022635	CHR3:33022635	SSF x Far_LoA	-9,21904339	0,045	0,305
CHR3	33022706	CHR3:33022706	SSF x Far_LoA	-8,99376249	-0,020	0,303
CHR3	33024084	CHR3:33024084	SSF x Far_LoA	-9,78906559	-0,070	0,300
CHR3	33024087	CHR3:33024087	SSF x Far_LoA	-4,96271374	0,110	0,293
CHR3	33024129	CHR3:33024129	SSF x Far_LoA	-7,0578254	-0,066	0,308
CHR3	33024158	CHR3:33024158	SSF x Far_LoA	-9,65032016	-0,083	0,298
CHR3	33024165	CHR3:33024165	SSF x Far_LoA	-10,9044747	0,037	0,299
CHR3	33024175	CHR3:33024175	SSF x Far_LoA	-8,58229374	0,136	0,307
CHR3	33024218	CHR3:33024218	SSF x Far_LoA	-9,36878253	0,032	0,313
CHR3	33024248	CHR3:33024248	SSF x Far_LoA	-10,0888893	0,003	0,303
CHR3	33024310	CHR3:33024310	SSF x Far_LoA	-10,1609581	-0,095	0,304
CHR3	33027976	CHR3:33027976	SSF x Far_LoA	-10,4178164	-0,017	0,302
CHR3	33030694	CHR3:33030694	SSF x Far_LoA	-9,15064016	-0,013	0,329
CHR3	33030742	CHR3:33030742	SSF x Far_LoA	-10,2747857	-0,036	0,298
CHR3	33030786	CHR3:33030786	SSF x Far_LoA	-9,62621371	-0,111	0,308
CHR3	33030826	CHR3:33030826	SSF x Far_LoA	-3,34297449	-0,132	0,308
CHR3	33030838	CHR3:33030838	SSF x Far_LoA	-10,2527173	-0,015	0,326
CHR3	33035401	CHR3:33035401	SSF x Far_LoA	-9,22096276	0,086	0,308
CHR3	33040290	CHR3:33040290	SSF x Far_LoA	-11,4476712	-0,064	0,303
CHR3	3304287	CHR3:3304287	SSF x Far_LoA	-11,1996655	-0,080	0,318
CHR3	3304317	CHR3:3304317	SSF x Far_LoA	-9,29866089	0,035	0,306
CHR3	33047405	CHR3:33047405	SSF x Far_LoA	-10,9664621	0,124	0,305
CHR3	33047488	CHR3:33047488	SSF x Far_LoA	-10,1423249	0,006	0,313
CHR3	33047499	CHR3:33047499	SSF x Far_LoA	-7,45919798	-0,155	0,303
CHR3	33047557	CHR3:33047557	SSF x Far_LoA	-11,0158831	-0,032	0,308
CHR3	33047623	CHR3:33047623	SSF x Far_LoA	-11,4320906	0,079	0,301
CHR3	33047633	CHR3:33047633	SSF x Far_LoA	-6,39942907	0,221	0,299
CHR3	33049703	CHR3:33049703	SSF x Far_LoA	4,91338118	0,141	0,309
CHR3	33049783	CHR3:33049783	SSF x Far_LoA	-9,48019641	0,033	0,305
CHR3	33058111	CHR3:33058111	SSF x Far_LoA	-9,34116009	0,041	0,307

CHR3	33058128	CHR3:33058128	SSF x Far_LoA	-12,4722141	0,005	0,292
CHR3	33081500	CHR3:33081500	SSF x Far_LoA	-10,1755342	0,059	0,307
CHR3	33083457	CHR3:33083457	SSF x Far_LoA	-10,6050586	0,034	0,308
CHR3	33087868	CHR3:33087868	SSF x Far_LoA	-9,4052988	0,118	0,300
CHR3	33092828	CHR3:33092828	SSF x Far_LoA	-10,9821166	0,022	0,307
CHR3	33092875	CHR3:33092875	SSF x Far_LoA	-10,3418435	-0,084	0,311
CHR3	33092886	CHR3:33092886	SSF x Far_LoA	-11,8887375	0,028	0,303
CHR3	33093107	CHR3:33093107	SSF x Far_LoA	-10,0992496	-0,030	0,309
CHR3	3310010	CHR3:3310010	SSF x Far_LoA	-8,6697879	0,120	0,297
CHR3	3310017	CHR3:3310017	SSF x Far_LoA	-7,31015508	-0,164	0,295
CHR3	3310081	CHR3:3310081	SSF x Far_LoA	-7,50890558	-0,004	0,321
CHR3	3310100	CHR3:3310100	SSF x Far_LoA	-8,01172508	0,091	0,307
CHR3	33101391	CHR3:33101391	SSF x Far_LoA	-7,78112358	-0,194	0,298
CHR3	3310144	CHR3:3310144	SSF x Far_LoA	-8,64531982	-0,116	0,306
CHR3	33101643	CHR3:33101643	SSF x Far_LoA	-6,39510706	-0,055	0,305
CHR3	3310184	CHR3:3310184	SSF x Far_LoA	-6,2523705	0,133	0,291
CHR3	3310230	CHR3:3310230	SSF x Far_LoA	-4,68560101	-0,197	0,304
CHR3	3310256	CHR3:3310256	SSF x Far_LoA	-8,58127879	0,122	0,310
CHR3	33129151	CHR3:33129151	SSF x Far_LoA	-6,95864727	-0,107	0,296
CHR3	33129223	CHR3:33129223	SSF x Far_LoA	-7,38132588	-0,062	0,307
CHR3	33139981	CHR3:33139981	SSF x Far_LoA	-11,1381409	-0,036	0,304
CHR3	33139997	CHR3:33139997	SSF x Far_LoA	-9,25220803	-0,140	0,292
CHR3	33154004	CHR3:33154004	SSF x Far_LoA	-9,67167649	0,102	0,304
CHR3	33154015	CHR3:33154015	SSF x Far_LoA	-6,92352597	0,080	0,316
CHR3	33154065	CHR3:33154065	SSF x Far_LoA	-6,4831391	0,147	0,296
CHR3	33154067	CHR3:33154067	SSF x Far_LoA	-8,15144031	-0,112	0,295
CHR3	33158018	CHR3:33158018	SSF x Far_LoA	-8,19083843	0,030	0,316
CHR3	33158090	CHR3:33158090	SSF x Far_LoA	-9,74012148	0,116	0,317
CHR3	33160968	CHR3:33160968	SSF x Far_LoA	-6,3524076	-0,140	0,284
CHR3	33161034	CHR3:33161034	SSF x Far_LoA	-6,27543229	0,122	0,293
CHR3	33161058	CHR3:33161058	SSF x Far_LoA	-10,0430436	0,064	0,307
CHR3	33165674	CHR3:33165674	SSF x Far_LoA	-10,2951363	0,110	0,307
CHR3	33165675	CHR3:33165675	SSF x Far_LoA	-9,54294247	0,036	0,308
CHR3	33165740	CHR3:33165740	SSF x Far_LoA	-10,3304158	0,136	0,288
CHR3	33165847	CHR3:33165847	SSF x Far_LoA	-5,28989583	-0,034	0,321
CHR3	33165870	CHR3:33165870	SSF x Far_LoA	-8,19194902	0,091	0,297
CHR3	33165872	CHR3:33165872	SSF x Far_LoA	-8,60426301	0,107	0,298
CHR3	33165883	CHR3:33165883	SSF x Far_LoA	-8,13028876	0,099	0,299
CHR3	33165889	CHR3:33165889	SSF x Far_LoA	-1,27008312	0,123	0,304
CHR3	33167395	CHR3:33167395	SSF x Far_LoA	-9,27424005	-0,033	0,299
CHR3	33167405	CHR3:33167405	SSF x Far_LoA	-10,1000725	-0,035	0,312
CHR3	33167407	CHR3:33167407	SSF x Far_LoA	-7,33125806	-0,056	0,303
CHR3	33168240	CHR3:33168240	SSF x Far_LoA	-8,81574534	0,140	0,295
CHR3	33168300	CHR3:33168300	SSF x Far_LoA	-5,24605396	0,103	0,301
CHR3	33173028	CHR3:33173028	SSF x Far_LoA	-7,41000513	0,087	0,306
CHR3	33173033	CHR3:33173033	SSF x Far_LoA	-4,48926815	0,130	0,297
CHR3	33173073	CHR3:33173073	SSF x Far_LoA	-6,09837886	0,028	0,314
CHR3	33173176	CHR3:33173176	SSF x Far_LoA	-7,69535757	0,087	0,316
CHR3	33173180	CHR3:33173180	SSF x Far_LoA	-9,41586715	0,045	0,302
CHR3	33173257	CHR3:33173257	SSF x Far_LoA	-5,30828105	0,124	0,294
CHR3	33176003	CHR3:33176003	SSF x Far_LoA	-10,0952661	0,105	0,287
CHR3	33181763	CHR3:33181763	SSF x Far_LoA	-11,2134079	0,034	0,312
CHR3	33181766	CHR3:33181766	SSF x Far_LoA	-7,02133641	-0,075	0,310

CHR3	33184478	CHR3:33184478	SSF x Far_LoA	-10,4884809	-0,065	0,316
CHR3	33184493	CHR3:33184493	SSF x Far_LoA	-11,1580127	-0,067	0,308
CHR3	33184511	CHR3:33184511	SSF x Far_LoA	-10,1343166	0,010	0,302
CHR3	33184517	CHR3:33184517	SSF x Far_LoA	-9,43795021	-0,008	0,306
CHR3	33187309	CHR3:33187309	SSF x Far_LoA	-11,054687	0,013	0,309
CHR3	33193762	CHR3:33193762	SSF x Far_LoA	-7,42770267	0,119	0,300
CHR3	33193801	CHR3:33193801	SSF x Far_LoA	-7,8084593	-0,037	0,314
CHR3	33206150	CHR3:33206150	SSF x Far_LoA	-11,1961448	-0,059	0,296
CHR3	33206183	CHR3:33206183	SSF x Far_LoA	-11,090331	-0,075	0,312
CHR3	33206211	CHR3:33206211	SSF x Far_LoA	-5,82871827	-0,086	0,320
CHR3	33206507	CHR3:33206507	SSF x Far_LoA	-9,31285542	0,183	0,293
CHR3	33210630	CHR3:33210630	SSF x Far_LoA	-8,26023161	-0,076	0,311
CHR3	33210847	CHR3:33210847	SSF x Far_LoA	-10,1785872	0,044	0,307
CHR3	33217517	CHR3:33217517	SSF x Far_LoA	-9,07923283	0,109	0,310
CHR3	33217610	CHR3:33217610	SSF x Far_LoA	-8,29585798	-0,059	0,318
CHR3	33227096	CHR3:33227096	SSF x Far_LoA	-11,1241162	-0,024	0,303
CHR3	33227160	CHR3:33227160	SSF x Far_LoA	-10,3681188	-0,075	0,302
CHR3	33227283	CHR3:33227283	SSF x Far_LoA	-11,3732742	0,022	0,321
CHR3	33229220	CHR3:33229220	SSF x Far_LoA	-9,85506319	0,037	0,302
CHR3	33230456	CHR3:33230456	SSF x Far_LoA	-9,71127387	0,054	0,290
CHR3	33230487	CHR3:33230487	SSF x Far_LoA	-9,27203354	0,104	0,312
CHR3	33230494	CHR3:33230494	SSF x Far_LoA	-11,5734805	-0,021	0,302
CHR3	33230495	CHR3:33230495	SSF x Far_LoA	-11,0847003	-0,053	0,303
CHR3	33234814	CHR3:33234814	SSF x Far_LoA	-8,70481792	0,002	0,304
CHR3	33235636	CHR3:33235636	SSF x Far_LoA	-7,41862562	0,062	0,314
CHR3	33235644	CHR3:33235644	SSF x Far_LoA	-8,29172173	0,047	0,316
CHR3	33242971	CHR3:33242971	SSF x Far_LoA	-11,7464271	-0,082	0,318
CHR3	33242988	CHR3:33242988	SSF x Far_LoA	-9,54743206	-0,067	0,298
CHR3	3324632	CHR3:3324632	SSF x Far_LoA	-9,47696326	0,085	0,297
CHR3	3324835	CHR3:3324835	SSF x Far_LoA	-11,1078892	0,001	0,309
CHR3	33254370	CHR3:33254370	SSF x Far_LoA	-10,5984456	-0,036	0,307
CHR3	33260129	CHR3:33260129	SSF x Far_LoA	-9,19261737	-0,077	0,324
CHR3	33261962	CHR3:33261962	SSF x Far_LoA	-7,26396093	-0,122	0,299
CHR3	33261989	CHR3:33261989	SSF x Far_LoA	-11,9156966	-0,069	0,310
CHR3	33261993	CHR3:33261993	SSF x Far_LoA	-10,3486186	-0,028	0,316
CHR3	33262105	CHR3:33262105	SSF x Far_LoA	-9,17851368	0,033	0,310
CHR3	33268896	CHR3:33268896	SSF x Far_LoA	-11,0216349	-0,101	0,304
CHR3	33269387	CHR3:33269387	SSF x Far_LoA	-5,11040517	-0,184	0,291
CHR3	33269455	CHR3:33269455	SSF x Far_LoA	-3,58583506	-0,186	0,290
CHR3	3327342	CHR3:3327342	SSF x Far_LoA	-8,59632023	-0,084	0,313
CHR3	3327351	CHR3:3327351	SSF x Far_LoA	-8,98583713	-0,030	0,319
CHR3	3327421	CHR3:3327421	SSF x Far_LoA	-9,2877283	-0,045	0,305
CHR3	3327458	CHR3:3327458	SSF x Far_LoA	-11,8024693	0,050	0,307
CHR3	3327511	CHR3:3327511	SSF x Far_LoA	-9,43229893	-0,003	0,309
CHR3	33283793	CHR3:33283793	SSF x Far_LoA	-11,5681326	0,080	0,290
CHR3	33283969	CHR3:33283969	SSF x Far_LoA	-4,49646314	-0,132	0,313
CHR3	33283974	CHR3:33283974	SSF x Far_LoA	-7,27317647	-0,082	0,297
CHR3	33290115	CHR3:33290115	SSF x Far_LoA	-6,6901317	0,070	0,313
CHR3	33291627	CHR3:33291627	SSF x Far_LoA	-3,3363143	-0,111	0,304
CHR3	33291657	CHR3:33291657	SSF x Far_LoA	-9,77754074	-0,146	0,305
CHR3	33291695	CHR3:33291695	SSF x Far_LoA	-9,55014084	0,064	0,308
CHR3	33291700	CHR3:33291700	SSF x Far_LoA	-8,93724456	0,054	0,312
CHR3	33291707	CHR3:33291707	SSF x Far_LoA	-11,0210389	0,002	0,299

CHR3	33294101	CHR3:33294101	SSF x Far_LoA	-7,76656416	0,083	0,303
CHR3	33294134	CHR3:33294134	SSF x Far_LoA	-11,1584754	0,103	0,306
CHR3	33295650	CHR3:33295650	SSF x Far_LoA	-10,3516035	0,038	0,309
CHR3	33295663	CHR3:33295663	SSF x Far_LoA	-8,01452619	-0,132	0,299
CHR3	33295692	CHR3:33295692	SSF x Far_LoA	-9,42370403	-0,009	0,316
CHR3	33295713	CHR3:33295713	SSF x Far_LoA	-9,06517222	-0,004	0,313
CHR3	33295853	CHR3:33295853	SSF x Far_LoA	-6,76056629	-0,155	0,297
CHR3	33299513	CHR3:33299513	SSF x Far_LoA	-8,53723239	-0,023	0,311
CHR3	33299514	CHR3:33299514	SSF x Far_LoA	-10,6189825	-0,063	0,301
CHR3	33299563	CHR3:33299563	SSF x Far_LoA	-7,14757394	0,116	0,305
CHR3	33303397	CHR3:33303397	SSF x Far_LoA	-9,28569706	0,022	0,302
CHR3	33303556	CHR3:33303556	SSF x Far_LoA	-8,2265168	-0,063	0,312
CHR3	33304964	CHR3:33304964	SSF x Far_LoA	-0,52823082	0,051	0,314
CHR3	33304968	CHR3:33304968	SSF x Far_LoA	-9,31206385	-0,042	0,302
CHR3	33305054	CHR3:33305054	SSF x Far_LoA	-6,93824252	-0,083	0,317
CHR3	33305087	CHR3:33305087	SSF x Far_LoA	-11,1214465	-0,007	0,316
CHR3	33305090	CHR3:33305090	SSF x Far_LoA	-7,95610225	0,035	0,323
CHR3	33305093	CHR3:33305093	SSF x Far_LoA	-10,4731721	0,020	0,298
CHR3	33309506	CHR3:33309506	SSF x Far_LoA	-11,0925458	0,037	0,294
CHR3	33309585	CHR3:33309585	SSF x Far_LoA	-8,0370097	-0,131	0,303
CHR3	33319109	CHR3:33319109	SSF x Far_LoA	-7,54735677	-0,077	0,304
CHR3	33319193	CHR3:33319193	SSF x Far_LoA	-8,90628246	-0,068	0,311
CHR3	33319347	CHR3:33319347	SSF x Far_LoA	-9,59931831	-0,020	0,321
CHR3	33320878	CHR3:33320878	SSF x Far_LoA	-7,54090902	-0,020	0,319
CHR3	33324511	CHR3:33324511	SSF x Far_LoA	-7,34151834	0,139	0,304
CHR3	33324600	CHR3:33324600	SSF x Far_LoA	-11,537966	-0,112	0,306
CHR3	33324601	CHR3:33324601	SSF x Far_LoA	-8,67037381	-0,101	0,305
CHR3	33324707	CHR3:33324707	SSF x Far_LoA	-10,6175737	0,028	0,311
CHR3	33324715	CHR3:33324715	SSF x Far_LoA	-10,6215101	0,104	0,304
CHR3	33324717	CHR3:33324717	SSF x Far_LoA	-9,05485297	0,045	0,294
CHR3	33325696	CHR3:33325696	SSF x Far_LoA	-9,241268	-0,098	0,289
CHR3	33325743	CHR3:33325743	SSF x Far_LoA	-9,48731536	0,075	0,304
CHR3	33325750	CHR3:33325750	SSF x Far_LoA	-11,2653704	-0,009	0,307
CHR3	33330769	CHR3:33330769	SSF x Far_LoA	-7,87546003	0,150	0,299
CHR3	33330806	CHR3:33330806	SSF x Far_LoA	-10,0537688	-0,102	0,305
CHR3	33330830	CHR3:33330830	SSF x Far_LoA	-12,2971244	-0,028	0,311
CHR3	33334498	CHR3:33334498	SSF x Far_LoA	-9,16847993	0,005	0,306
CHR3	33338388	CHR3:33338388	SSF x Far_LoA	-11,2012495	0,016	0,292
CHR3	33338620	CHR3:33338620	SSF x Far_LoA	-8,59586312	0,029	0,312
CHR3	33346847	CHR3:33346847	SSF x Far_LoA	-5,77491933	0,066	0,312
CHR3	33346903	CHR3:33346903	SSF x Far_LoA	-11,2666719	0,039	0,313
CHR3	33346985	CHR3:33346985	SSF x Far_LoA	-11,1005821	-0,025	0,303
CHR3	33347039	CHR3:33347039	SSF x Far_LoA	-9,90349669	0,033	0,301
CHR3	33347073	CHR3:33347073	SSF x Far_LoA	-9,19578845	0,011	0,308
CHR3	3335372	CHR3:3335372	SSF x Far_LoA	-9,78765113	0,051	0,292
CHR3	33354316	CHR3:33354316	SSF x Far_LoA	-8,22326791	-0,138	0,283
CHR3	33354339	CHR3:33354339	SSF x Far_LoA	-10,4534537	-0,069	0,311
CHR3	33356599	CHR3:33356599	SSF x Far_LoA	-10,0406025	-0,037	0,291
CHR3	33365498	CHR3:33365498	SSF x Far_LoA	-7,72577748	-0,047	0,311
CHR3	33370312	CHR3:33370312	SSF x Far_LoA	-8,16390524	-0,050	0,315
CHR3	33370362	CHR3:33370362	SSF x Far_LoA	-9,80906149	0,035	0,300
CHR3	33370369	CHR3:33370369	SSF x Far_LoA	-11,8093929	0,011	0,294
CHR3	33370408	CHR3:33370408	SSF x Far_LoA	-8,89310351	-0,106	0,307

CHR3	33372202	CHR3:33372202	SSF x Far_LoA	-11,2989665	0,000	0,312
CHR3	3337330	CHR3:3337330	SSF x Far_LoA	-9,75115704	-0,001	0,298
CHR3	33374124	CHR3:33374124	SSF x Far_LoA	-7,59782908	0,001	0,305
CHR3	33374229	CHR3:33374229	SSF x Far_LoA	-12,1999922	0,005	0,310
CHR3	3337490	CHR3:3337490	SSF x Far_LoA	-10,0642978	-0,052	0,320
CHR3	3338666	CHR3:3338666	SSF x Far_LoA	-9,75936912	-0,125	0,311
CHR3	3338726	CHR3:3338726	SSF x Far_LoA	-5,20818137	0,153	0,313
CHR3	3338780	CHR3:3338780	SSF x Far_LoA	-11,2504731	0,034	0,304
CHR3	3338801	CHR3:3338801	SSF x Far_LoA	-7,35515095	-0,221	0,290
CHR3	33391755	CHR3:33391755	SSF x Far_LoA	-8,12490442	-0,154	0,302
CHR3	33391803	CHR3:33391803	SSF x Far_LoA	-6,92503785	-0,139	0,299
CHR3	33392869	CHR3:33392869	SSF x Far_LoA	-8,81741843	-0,186	0,295
CHR3	3341037	CHR3:3341037	SSF x Far_LoA	-8,81270426	0,100	0,286
CHR3	3341047	CHR3:3341047	SSF x Far_LoA	-6,44376053	0,039	0,306
CHR3	3341055	CHR3:3341055	SSF x Far_LoA	-9,80900667	0,062	0,283
CHR3	3341058	CHR3:3341058	SSF x Far_LoA	-7,97077376	0,113	0,297
CHR3	3341077	CHR3:3341077	SSF x Far_LoA	-10,9933039	0,057	0,303
CHR3	3341128	CHR3:3341128	SSF x Far_LoA	-8,80826894	-0,024	0,296
CHR3	3341129	CHR3:3341129	SSF x Far_LoA	-10,1019865	-0,009	0,313
CHR3	33414700	CHR3:33414700	SSF x Far_LoA	-9,57312013	0,008	0,309
CHR3	33427538	CHR3:33427538	SSF x Far_LoA	-10,1467528	-0,041	0,317
CHR3	3342779	CHR3:3342779	SSF x Far_LoA	-11,382938	0,024	0,320
CHR3	3342780	CHR3:3342780	SSF x Far_LoA	-11,2717803	0,058	0,309
CHR3	33436070	CHR3:33436070	SSF x Far_LoA	-11,6073707	0,052	0,309
CHR3	33439842	CHR3:33439842	SSF x Far_LoA	-4,74358276	0,024	0,311
CHR3	33443819	CHR3:33443819	SSF x Far_LoA	-3,78716511	0,245	0,300
CHR3	33443841	CHR3:33443841	SSF x Far_LoA	-7,75344437	-0,133	0,297
CHR3	33443995	CHR3:33443995	SSF x Far_LoA	-11,3117607	-0,025	0,311
CHR3	33443998	CHR3:33443998	SSF x Far_LoA	-7,6786607	-0,136	0,311
CHR3	33450597	CHR3:33450597	SSF x Far_LoA	-3,59702301	-0,110	0,302
CHR3	33461692	CHR3:33461692	SSF x Far_LoA	-9,03565489	0,064	0,298
CHR3	33463530	CHR3:33463530	SSF x Far_LoA	-5,81861677	-0,027	0,305
CHR3	33463533	CHR3:33463533	SSF x Far_LoA	-6,00413352	-0,041	0,305
CHR3	33463556	CHR3:33463556	SSF x Far_LoA	-10,4107846	-0,071	0,298
CHR3	33463566	CHR3:33463566	SSF x Far_LoA	-6,36965232	-0,150	0,308
CHR3	33463576	CHR3:33463576	SSF x Far_LoA	-9,4406426	-0,006	0,321
CHR3	33463607	CHR3:33463607	SSF x Far_LoA	-8,87415558	-0,015	0,300
CHR3	33463637	CHR3:33463637	SSF x Far_LoA	-8,90139028	0,146	0,302
CHR3	33463754	CHR3:33463754	SSF x Far_LoA	-7,57282348	0,041	0,293
CHR3	33463779	CHR3:33463779	SSF x Far_LoA	-8,33797396	-0,026	0,314
CHR3	33468375	CHR3:33468375	SSF x Far_LoA	-8,52881762	0,089	0,310
CHR3	33468483	CHR3:33468483	SSF x Far_LoA	-10,1866097	0,025	0,310
CHR3	33469597	CHR3:33469597	SSF x Far_LoA	-8,25571819	0,096	0,306
CHR3	33470694	CHR3:33470694	SSF x Far_LoA	-10,2223005	0,030	0,310
CHR3	33470764	CHR3:33470764	SSF x Far_LoA	-7,07919096	-0,162	0,294
CHR3	33470814	CHR3:33470814	SSF x Far_LoA	-7,15418325	-0,153	0,294
CHR3	3347566	CHR3:3347566	SSF x Far_LoA	-8,28672355	-0,003	0,323
CHR3	3347619	CHR3:3347619	SSF x Far_LoA	-11,1283669	-0,028	0,297
CHR3	3347641	CHR3:3347641	SSF x Far_LoA	-10,0659371	-0,080	0,289
CHR3	3347647	CHR3:3347647	SSF x Far_LoA	-9,40550666	-0,011	0,321
CHR3	33484491	CHR3:33484491	SSF x Far_LoA	-8,6394808	0,021	0,303
CHR3	33484497	CHR3:33484497	SSF x Far_LoA	-9,41282447	0,092	0,299
CHR3	33493688	CHR3:33493688	SSF x Far_LoA	-12,1675359	0,002	0,296

CHR3	33496642	CHR3:33496642	SSF x Far_LoA	-9,02814953	0,110	0,304
CHR3	33496785	CHR3:33496785	SSF x Far_LoA	-8,95300218	-0,121	0,305
CHR3	33499931	CHR3:33499931	SSF x Far_LoA	-7,2644566	-0,189	0,290
CHR3	33500182	CHR3:33500182	SSF x Far_LoA	-8,23268979	-0,025	0,318
CHR3	33500198	CHR3:33500198	SSF x Far_LoA	-11,1316275	-0,040	0,306
CHR3	33504029	CHR3:33504029	SSF x Far_LoA	-10,5543157	-0,062	0,318
CHR3	33515842	CHR3:33515842	SSF x Far_LoA	-9,83650471	-0,054	0,305
CHR3	33518179	CHR3:33518179	SSF x Far_LoA	-10,9656102	0,017	0,308
CHR3	33518211	CHR3:33518211	SSF x Far_LoA	-8,67929332	0,116	0,305
CHR3	33520318	CHR3:33520318	SSF x Far_LoA	-9,22368217	-0,002	0,307
CHR3	33520326	CHR3:33520326	SSF x Far_LoA	-8,25641763	0,037	0,317
CHR3	33520333	CHR3:33520333	SSF x Far_LoA	-11,7412873	0,021	0,287
CHR3	33520373	CHR3:33520373	SSF x Far_LoA	-10,7398367	-0,041	0,312
CHR3	33540182	CHR3:33540182	SSF x Far_LoA	-9,15482606	-0,036	0,303
CHR3	33541784	CHR3:33541784	SSF x Far_LoA	-8,70180592	-0,044	0,304
CHR3	33541800	CHR3:33541800	SSF x Far_LoA	-9,70732131	0,035	0,291
CHR3	33541868	CHR3:33541868	SSF x Far_LoA	-10,875666	-0,070	0,303
CHR3	33543158	CHR3:33543158	SSF x Far_LoA	-9,82086491	0,206	0,283
CHR3	33549883	CHR3:33549883	SSF x Far_LoA	-10,9748999	-0,024	0,312
CHR3	33552257	CHR3:33552257	SSF x Far_LoA	-10,7727977	-0,084	0,308
CHR3	33553887	CHR3:33553887	SSF x Far_LoA	-9,73260208	-0,015	0,305
CHR3	33557062	CHR3:33557062	SSF x Far_LoA	-7,56242411	-0,092	0,314
CHR3	33557119	CHR3:33557119	SSF x Far_LoA	-10,2641956	-0,030	0,313
CHR3	33557254	CHR3:33557254	SSF x Far_LoA	-6,66548912	-0,024	0,309
CHR3	33566326	CHR3:33566326	SSF x Far_LoA	-7,13569264	-0,077	0,316
CHR3	33566358	CHR3:33566358	SSF x Far_LoA	-10,7233875	0,002	0,300
CHR3	33566382	CHR3:33566382	SSF x Far_LoA	-8,72820864	0,017	0,304
CHR3	3357384	CHR3:3357384	SSF x Far_LoA	-10,262371	-0,006	0,311
CHR3	3357593	CHR3:3357593	SSF x Far_LoA	-8,93621434	0,087	0,312
CHR3	3357604	CHR3:3357604	SSF x Far_LoA	-6,45655676	-0,044	0,315
CHR3	3357634	CHR3:3357634	SSF x Far_LoA	-9,36033903	0,048	0,304
CHR3	33592655	CHR3:33592655	SSF x Far_LoA	-7,32796769	0,053	0,318
CHR3	33592720	CHR3:33592720	SSF x Far_LoA	-8,62808876	-0,046	0,313
CHR3	33592749	CHR3:33592749	SSF x Far_LoA	-10,2530168	-0,058	0,311
CHR3	33595284	CHR3:33595284	SSF x Far_LoA	-9,31132878	0,028	0,313
CHR3	33595317	CHR3:33595317	SSF x Far_LoA	-9,5051869	-0,026	0,310
CHR3	335957	CHR3:335957	SSF x Far_LoA	-10,5885996	-0,001	0,311
CHR3	335964	CHR3:335964	SSF x Far_LoA	-10,6331956	0,079	0,304
CHR3	33596532	CHR3:33596532	SSF x Far_LoA	-2,02418034	-0,167	0,307
CHR3	33596692	CHR3:33596692	SSF x Far_LoA	-6,15985357	-0,130	0,298
CHR3	33596737	CHR3:33596737	SSF x Far_LoA	-9,54316943	0,078	0,308
CHR3	335968	CHR3:335968	SSF x Far_LoA	-7,96898479	0,100	0,309
CHR3	33607623	CHR3:33607623	SSF x Far_LoA	-10,4325082	-0,092	0,307
CHR3	33612179	CHR3:33612179	SSF x Far_LoA	-7,89878749	-0,136	0,301
CHR3	33613032	CHR3:33613032	SSF x Far_LoA	-9,14361491	-0,005	0,312
CHR3	33613037	CHR3:33613037	SSF x Far_LoA	-11,1884679	-0,094	0,306
CHR3	33615161	CHR3:33615161	SSF x Far_LoA	-9,51227675	0,034	0,304
CHR3	33615206	CHR3:33615206	SSF x Far_LoA	-7,71894054	0,091	0,306
CHR3	33615213	CHR3:33615213	SSF x Far_LoA	-8,34343228	-0,103	0,301
CHR3	33619620	CHR3:33619620	SSF x Far_LoA	-9,40543023	0,120	0,300
CHR3	33619622	CHR3:33619622	SSF x Far_LoA	-8,52250441	0,117	0,306
CHR3	33619678	CHR3:33619678	SSF x Far_LoA	-9,21478384	0,096	0,297
CHR3	33629687	CHR3:33629687	SSF x Far_LoA	-1,73041251	0,267	0,290

CHR3	33629754	CHR3:33629754	SSF x Far_LoA	-10,1693817	0,118	0,299
CHR3	33629795	CHR3:33629795	SSF x Far_LoA	-10,729255	0,092	0,295
CHR3	33629853	CHR3:33629853	SSF x Far_LoA	-9,92862867	-0,005	0,317
CHR3	3363354	CHR3:3363354	SSF x Far_LoA	-7,4919202	-0,079	0,292
CHR3	3363414	CHR3:3363414	SSF x Far_LoA	-10,3508844	0,074	0,300
CHR3	33634663	CHR3:33634663	SSF x Far_LoA	-8,50530259	-0,135	0,316
CHR3	3363486	CHR3:3363486	SSF x Far_LoA	-11,2447204	-0,023	0,304
CHR3	3363491	CHR3:3363491	SSF x Far_LoA	-8,52065314	-0,089	0,318
CHR3	33635648	CHR3:33635648	SSF x Far_LoA	-9,0024254	0,040	0,307
CHR3	33635664	CHR3:33635664	SSF x Far_LoA	-9,74727879	-0,026	0,307
CHR3	33635704	CHR3:33635704	SSF x Far_LoA	-6,94614908	-0,122	0,304
CHR3	33640423	CHR3:33640423	SSF x Far_LoA	-10,3603456	-0,113	0,321
CHR3	33640512	CHR3:33640512	SSF x Far_LoA	-5,80389979	-0,100	0,306
CHR3	33642060	CHR3:33642060	SSF x Far_LoA	-10,3067026	-0,024	0,309
CHR3	33649443	CHR3:33649443	SSF x Far_LoA	-6,215959	-0,019	0,299
CHR3	33659224	CHR3:33659224	SSF x Far_LoA	-2,13178236	-0,195	0,293
CHR3	33664337	CHR3:33664337	SSF x Far_LoA	-7,82972405	-0,159	0,316
CHR3	33664480	CHR3:33664480	SSF x Far_LoA	-9,12827292	0,052	0,309
CHR3	3366944	CHR3:3366944	SSF x Far_LoA	-10,2114343	0,060	0,301
CHR3	33682619	CHR3:33682619	SSF x Far_LoA	-8,74769624	-0,124	0,301
CHR3	33682676	CHR3:33682676	SSF x Far_LoA	-2,35654341	0,155	0,302
CHR3	33682734	CHR3:33682734	SSF x Far_LoA	-11,3203397	-0,006	0,306
CHR3	33688605	CHR3:33688605	SSF x Far_LoA	-7,71976893	-0,075	0,313
CHR3	3369279	CHR3:3369279	SSF x Far_LoA	-7,16905748	-0,043	0,314
CHR3	3369348	CHR3:3369348	SSF x Far_LoA	-8,78282949	-0,010	0,317
CHR3	33698167	CHR3:33698167	SSF x Far_LoA	-9,75794228	0,009	0,313
CHR3	33707632	CHR3:33707632	SSF x Far_LoA	-10,9237138	-0,049	0,290
CHR3	33708389	CHR3:33708389	SSF x Far_LoA	-9,16111343	-0,061	0,312
CHR3	33708402	CHR3:33708402	SSF x Far_LoA	-8,63204584	-0,014	0,314
CHR3	33708459	CHR3:33708459	SSF x Far_LoA	-8,77013124	-0,113	0,307
CHR3	33713083	CHR3:33713083	SSF x Far_LoA	-6,08726787	-0,161	0,302
CHR3	33719259	CHR3:33719259	SSF x Far_LoA	-5,93372899	-0,011	0,309
CHR3	33721461	CHR3:33721461	SSF x Far_LoA	-7,76019732	-0,133	0,301
CHR3	33721550	CHR3:33721550	SSF x Far_LoA	-11,2932301	0,009	0,304
CHR3	33721614	CHR3:33721614	SSF x Far_LoA	-4,6819179	0,117	0,301
CHR3	33721628	CHR3:33721628	SSF x Far_LoA	-10,6467226	-0,001	0,305
CHR3	33721662	CHR3:33721662	SSF x Far_LoA	-6,37463299	0,125	0,305
CHR3	33722630	CHR3:33722630	SSF x Far_LoA	-11,6469556	0,035	0,308
CHR3	33722670	CHR3:33722670	SSF x Far_LoA	-0,54616449	0,117	0,306
CHR3	33743836	CHR3:33743836	SSF x Far_LoA	-11,7303494	-0,003	0,308
CHR3	33745372	CHR3:33745372	SSF x Far_LoA	-9,36260579	-0,061	0,319
CHR3	33745417	CHR3:33745417	SSF x Far_LoA	-8,54030987	0,130	0,309
CHR3	33746691	CHR3:33746691	SSF x Far_LoA	-9,3455105	-0,037	0,310
CHR3	33746696	CHR3:33746696	SSF x Far_LoA	-10,1640381	0,017	0,312
CHR3	33746725	CHR3:33746725	SSF x Far_LoA	-8,95793339	0,161	0,295
CHR3	33746730	CHR3:33746730	SSF x Far_LoA	-10,5081528	0,116	0,304
CHR3	33749046	CHR3:33749046	SSF x Far_LoA	-10,1709602	-0,040	0,303
CHR3	33749047	CHR3:33749047	SSF x Far_LoA	-7,61365063	-0,049	0,319
CHR3	33751252	CHR3:33751252	SSF x Far_LoA	-9,4942973	0,110	0,309
CHR3	33751285	CHR3:33751285	SSF x Far_LoA	-9,77167169	0,010	0,294
CHR3	3375424	CHR3:3375424	SSF x Far_LoA	-6,65999766	-0,140	0,300
CHR3	3375463	CHR3:3375463	SSF x Far_LoA	-7,39199581	0,022	0,308
CHR3	3375506	CHR3:3375506	SSF x Far_LoA	-10,3452695	0,100	0,309

CHR3	3375523	CHR3:3375523	SSF x Far_LoA	-7,10424546	0,157	0,286
CHR3	33776333	CHR3:33776333	SSF x Far_LoA	-5,83106445	-0,247	0,282
CHR3	33776363	CHR3:33776363	SSF x Far_LoA	-10,2660749	-0,081	0,304
CHR3	33776410	CHR3:33776410	SSF x Far_LoA	-8,74446916	-0,105	0,323
CHR3	33776421	CHR3:33776421	SSF x Far_LoA	-8,69864837	-0,066	0,305
CHR3	33776576	CHR3:33776576	SSF x Far_LoA	-10,2403507	-0,040	0,312
CHR3	33776582	CHR3:33776582	SSF x Far_LoA	-1,83089945	0,087	0,301
CHR3	33778292	CHR3:33778292	SSF x Far_LoA	-10,3604974	0,104	0,301
CHR3	33778305	CHR3:33778305	SSF x Far_LoA	-12,1955521	0,020	0,302
CHR3	33779132	CHR3:33779132	SSF x Far_LoA	-5,18571843	0,172	0,298
CHR3	33779248	CHR3:33779248	SSF x Far_LoA	-8,58918629	0,134	0,301
CHR3	33792805	CHR3:33792805	SSF x Far_LoA	-10,0238382	0,090	0,312
CHR3	33792839	CHR3:33792839	SSF x Far_LoA	-9,84478306	-0,089	0,301
CHR3	33792853	CHR3:33792853	SSF x Far_LoA	-9,10660362	-0,087	0,314
CHR3	33792890	CHR3:33792890	SSF x Far_LoA	-6,29850264	0,150	0,307
CHR3	33792924	CHR3:33792924	SSF x Far_LoA	-8,39209684	-0,042	0,310
CHR3	3379351	CHR3:3379351	SSF x Far_LoA	-12,3820391	0,053	0,303
CHR3	3379438	CHR3:3379438	SSF x Far_LoA	-4,22339737	0,134	0,316
CHR3	3379463	CHR3:3379463	SSF x Far_LoA	-8,35345469	0,083	0,312
CHR3	3379469	CHR3:3379469	SSF x Far_LoA	-6,14383918	-0,181	0,312
CHR3	3379470	CHR3:3379470	SSF x Far_LoA	-6,67806513	0,171	0,299
CHR3	3379558	CHR3:3379558	SSF x Far_LoA	-7,15521794	-0,130	0,314
CHR3	3379564	CHR3:3379564	SSF x Far_LoA	-10,5444625	-0,036	0,290
CHR3	3379622	CHR3:3379622	SSF x Far_LoA	-7,83961456	-0,060	0,312
CHR3	3379657	CHR3:3379657	SSF x Far_LoA	-9,66593182	-0,144	0,297
CHR3	33796664	CHR3:33796664	SSF x Far_LoA	-6,64238301	0,025	0,308
CHR3	33796669	CHR3:33796669	SSF x Far_LoA	-9,56105581	0,045	0,295
CHR3	33796776	CHR3:33796776	SSF x Far_LoA	-11,5932463	0,026	0,291
CHR3	33796784	CHR3:33796784	SSF x Far_LoA	-8,75757827	-0,027	0,302
CHR3	33796837	CHR3:33796837	SSF x Far_LoA	-8,09401071	0,032	0,306
CHR3	33796855	CHR3:33796855	SSF x Far_LoA	-8,63949409	0,032	0,302
CHR3	33799877	CHR3:33799877	SSF x Far_LoA	-10,4732649	0,000	0,311
CHR3	33799974	CHR3:33799974	SSF x Far_LoA	-9,39269588	0,147	0,286
CHR3	33800092	CHR3:33800092	SSF x Far_LoA	-8,60373925	-0,108	0,297
CHR3	33815032	CHR3:33815032	SSF x Far_LoA	-10,3069133	0,058	0,303
CHR3	3381611	CHR3:3381611	SSF x Far_LoA	-8,91605722	-0,115	0,294
CHR3	33817156	CHR3:33817156	SSF x Far_LoA	-8,48801773	-0,082	0,313
CHR3	33817257	CHR3:33817257	SSF x Far_LoA	-5,42764498	0,014	0,304
CHR3	33817258	CHR3:33817258	SSF x Far_LoA	-10,4073612	0,102	0,299
CHR3	33817261	CHR3:33817261	SSF x Far_LoA	-8,80018237	0,032	0,315
CHR3	33819563	CHR3:33819563	SSF x Far_LoA	-9,43007102	-0,002	0,310
CHR3	33826850	CHR3:33826850	SSF x Far_LoA	-10,0628722	0,034	0,316
CHR3	33826887	CHR3:33826887	SSF x Far_LoA	-8,4395666	0,100	0,303
CHR3	33830722	CHR3:33830722	SSF x Far_LoA	-8,62611853	-0,176	0,288
CHR3	33830851	CHR3:33830851	SSF x Far_LoA	-8,19450397	-0,122	0,292
CHR3	33840393	CHR3:33840393	SSF x Far_LoA	-7,57277812	-0,122	0,327
CHR3	33846174	CHR3:33846174	SSF x Far_LoA	-8,88150503	0,178	0,290
CHR3	33848314	CHR3:33848314	SSF x Far_LoA	-11,8055748	-0,004	0,304
CHR3	33848461	CHR3:33848461	SSF x Far_LoA	-9,23389689	-0,055	0,325
CHR3	33853180	CHR3:33853180	SSF x Far_LoA	-10,9920667	-0,013	0,306
CHR3	33855740	CHR3:33855740	SSF x Far_LoA	-12,0832068	0,033	0,304
CHR3	33855882	CHR3:33855882	SSF x Far_LoA	6,44226508	0,172	0,294
CHR3	33860358	CHR3:33860358	SSF x Far_LoA	-9,65895902	0,081	0,322

CHR3	33860554	CHR3:33860554	SSF x Far_LoA	-8,09235504	0,099	0,292
CHR3	3386369	CHR3:3386369	SSF x Far_LoA	-9,76380544	-0,082	0,301
CHR3	3386530	CHR3:3386530	SSF x Far_LoA	-11,5817801	0,006	0,315
CHR3	33871496	CHR3:33871496	SSF x Far_LoA	-5,68828529	-0,152	0,309
CHR3	33871525	CHR3:33871525	SSF x Far_LoA	-8,94526896	0,009	0,306
CHR3	33871531	CHR3:33871531	SSF x Far_LoA	-8,44817294	0,015	0,322
CHR3	33876166	CHR3:33876166	SSF x Far_LoA	-10,1050085	-0,024	0,321
CHR3	3387779	CHR3:3387779	SSF x Far_LoA	-4,69871529	0,058	0,295
CHR3	33878449	CHR3:33878449	SSF x Far_LoA	-5,87280877	-0,132	0,307
CHR3	33878454	CHR3:33878454	SSF x Far_LoA	-8,03444956	0,150	0,310
CHR3	33878474	CHR3:33878474	SSF x Far_LoA	-8,10369954	-0,107	0,306
CHR3	33878483	CHR3:33878483	SSF x Far_LoA	-9,36543959	-0,058	0,306
CHR3	33878493	CHR3:33878493	SSF x Far_LoA	-7,73600631	-0,124	0,300
CHR3	3387952	CHR3:3387952	SSF x Far_LoA	-7,33654541	0,156	0,305
CHR3	3388007	CHR3:3388007	SSF x Far_LoA	-5,83966869	-0,040	0,290
CHR3	33880623	CHR3:33880623	SSF x Far_LoA	-8,00625902	-0,112	0,307
CHR3	33880627	CHR3:33880627	SSF x Far_LoA	-8,40282953	0,121	0,296
CHR3	33884584	CHR3:33884584	SSF x Far_LoA	-9,18111402	-0,020	0,312
CHR3	33884621	CHR3:33884621	SSF x Far_LoA	-7,93103268	-0,079	0,318
CHR3	33884661	CHR3:33884661	SSF x Far_LoA	-12,0028646	0,023	0,309
CHR3	33888235	CHR3:33888235	SSF x Far_LoA	-11,0705044	0,058	0,291
CHR3	33888440	CHR3:33888440	SSF x Far_LoA	-9,86590205	-0,106	0,291
CHR3	33888447	CHR3:33888447	SSF x Far_LoA	-9,67586393	-0,095	0,314
CHR3	33888466	CHR3:33888466	SSF x Far_LoA	-11,0679283	-0,079	0,308
CHR3	33893409	CHR3:33893409	SSF x Far_LoA	-12,0018606	0,017	0,302
CHR3	33893504	CHR3:33893504	SSF x Far_LoA	-10,1270791	0,009	0,300
CHR3	33896085	CHR3:33896085	SSF x Far_LoA	-7,75208793	0,133	0,302
CHR3	33898800	CHR3:33898800	SSF x Far_LoA	-7,22623647	0,176	0,291
CHR3	33898856	CHR3:33898856	SSF x Far_LoA	-7,52009333	-0,098	0,318
CHR3	33898860	CHR3:33898860	SSF x Far_LoA	-7,87735755	0,047	0,310
CHR3	33921264	CHR3:33921264	SSF x Far_LoA	-9,59427033	0,077	0,308
CHR3	33934570	CHR3:33934570	SSF x Far_LoA	-10,4293355	-0,015	0,308
CHR3	33934715	CHR3:33934715	SSF x Far_LoA	-8,59653348	0,035	0,304
CHR3	33934738	CHR3:33934738	SSF x Far_LoA	-6,53437159	-0,160	0,297
CHR3	33934744	CHR3:33934744	SSF x Far_LoA	-3,83656862	-0,145	0,310
CHR3	33934790	CHR3:33934790	SSF x Far_LoA	-8,69372505	0,079	0,295
CHR3	33934825	CHR3:33934825	SSF x Far_LoA	-8,75031674	-0,024	0,293
CHR3	33936056	CHR3:33936056	SSF x Far_LoA	-9,91324884	-0,034	0,312
CHR3	33936164	CHR3:33936164	SSF x Far_LoA	-9,60544789	0,132	0,302
CHR3	33936260	CHR3:33936260	SSF x Far_LoA	-9,94553779	0,011	0,306
CHR3	33941130	CHR3:33941130	SSF x Far_LoA	-8,977147	-0,179	0,306
CHR3	33947577	CHR3:33947577	SSF x Far_LoA	-11,1854117	0,061	0,299
CHR3	33947600	CHR3:33947600	SSF x Far_LoA	-10,4080966	0,021	0,319
CHR3	33947644	CHR3:33947644	SSF x Far_LoA	-10,9756123	0,014	0,306
CHR3	33947646	CHR3:33947646	SSF x Far_LoA	-3,95978434	-0,180	0,303
CHR3	33958843	CHR3:33958843	SSF x Far_LoA	-6,24638942	0,242	0,299
CHR3	33963413	CHR3:33963413	SSF x Far_LoA	-10,392714	-0,036	0,303
CHR3	33972102	CHR3:33972102	SSF x Far_LoA	-11,8640095	-0,046	0,302
CHR3	33981362	CHR3:33981362	SSF x Far_LoA	-10,9266732	0,002	0,312
CHR3	33981442	CHR3:33981442	SSF x Far_LoA	-11,4055708	0,070	0,311
CHR3	33981471	CHR3:33981471	SSF x Far_LoA	-11,135001	0,029	0,305
CHR3	33983768	CHR3:33983768	SSF x Far_LoA	-7,50291447	0,109	0,302
CHR3	33989514	CHR3:33989514	SSF x Far_LoA	-7,33808637	-0,084	0,307

CHR3	33989608	CHR3:33989608	SSF x Far_LoA	-8,14757896	0,064	0,289
CHR3	33989633	CHR3:33989633	SSF x Far_LoA	-7,69825878	-0,167	0,299
CHR3	33989657	CHR3:33989657	SSF x Far_LoA	-8,01404194	-0,022	0,312
CHR3	33991047	CHR3:33991047	SSF x Far_LoA	-11,0315861	-0,011	0,309
CHR3	33994441	CHR3:33994441	SSF x Far_LoA	-9,21001492	-0,023	0,303
CHR3	3400440	CHR3:3400440	SSF x Far_LoA	-11,7778983	0,004	0,307
CHR3	34004849	CHR3:34004849	SSF x Far_LoA	-11,7028728	-0,019	0,303
CHR3	34005241	CHR3:34005241	SSF x Far_LoA	-9,73636731	0,087	0,315
CHR3	3400561	CHR3:3400561	SSF x Far_LoA	-11,2491451	-0,034	0,316
CHR3	34006591	CHR3:34006591	SSF x Far_LoA	-12,3190029	0,010	0,296
CHR3	34013517	CHR3:34013517	SSF x Far_LoA	-11,4694046	0,068	0,300
CHR3	34013578	CHR3:34013578	SSF x Far_LoA	-10,1544265	-0,009	0,312
CHR3	34013725	CHR3:34013725	SSF x Far_LoA	-9,80654624	0,018	0,298
CHR3	34021973	CHR3:34021973	SSF x Far_LoA	-8,7330675	-0,110	0,301
CHR3	34022009	CHR3:34022009	SSF x Far_LoA	-11,4323368	0,020	0,303
CHR3	34022560	CHR3:34022560	SSF x Far_LoA	-9,88977274	0,086	0,306
CHR3	34022582	CHR3:34022582	SSF x Far_LoA	-10,2297387	0,066	0,294
CHR3	34028635	CHR3:34028635	SSF x Far_LoA	-12,9434683	0,007	0,296
CHR3	34028810	CHR3:34028810	SSF x Far_LoA	-6,57397821	0,090	0,305
CHR3	34028887	CHR3:34028887	SSF x Far_LoA	-8,06730086	0,074	0,308
CHR3	34028891	CHR3:34028891	SSF x Far_LoA	-4,89207079	0,133	0,306
CHR3	34038206	CHR3:34038206	SSF x Far_LoA	-8,72858804	-0,100	0,308
CHR3	34038220	CHR3:34038220	SSF x Far_LoA	-6,83443732	-0,112	0,303
CHR3	34038253	CHR3:34038253	SSF x Far_LoA	-2,26950288	0,048	0,309
CHR3	34038264	CHR3:34038264	SSF x Far_LoA	-9,62494761	0,058	0,311
CHR3	34045940	CHR3:34045940	SSF x Far_LoA	-10,6586025	0,035	0,305
CHR3	34045962	CHR3:34045962	SSF x Far_LoA	-9,87764008	-0,042	0,306
CHR3	34045974	CHR3:34045974	SSF x Far_LoA	-9,26363069	0,003	0,313
CHR3	34046023	CHR3:34046023	SSF x Far_LoA	-10,0021441	-0,050	0,306
CHR3	34046024	CHR3:34046024	SSF x Far_LoA	-10,6176257	-0,017	0,311
CHR3	34046041	CHR3:34046041	SSF x Far_LoA	-9,06573312	-0,056	0,316
CHR3	34051870	CHR3:34051870	SSF x Far_LoA	-8,49719418	-0,049	0,300
CHR3	34051871	CHR3:34051871	SSF x Far_LoA	-10,5279498	0,001	0,294
CHR3	34051931	CHR3:34051931	SSF x Far_LoA	-10,5025335	0,130	0,299
CHR3	34051932	CHR3:34051932	SSF x Far_LoA	-9,72269948	0,076	0,318
CHR3	34057108	CHR3:34057108	SSF x Far_LoA	-11,4313408	0,039	0,294
CHR3	34057186	CHR3:34057186	SSF x Far_LoA	-8,99272483	-0,011	0,308
CHR3	34059360	CHR3:34059360	SSF x Far_LoA	-8,75198979	0,074	0,318
CHR3	34060283	CHR3:34060283	SSF x Far_LoA	-4,7491823	0,131	0,310
CHR3	34060299	CHR3:34060299	SSF x Far_LoA	-7,66813646	0,213	0,284
CHR3	34060327	CHR3:34060327	SSF x Far_LoA	-6,47289122	0,101	0,303
CHR3	34060352	CHR3:34060352	SSF x Far_LoA	-4,6457954	0,215	0,294
CHR3	34060354	CHR3:34060354	SSF x Far_LoA	-9,28139396	0,021	0,315
CHR3	340660	CHR3:340660	SSF x Far_LoA	-8,57231474	0,038	0,313
CHR3	34073023	CHR3:34073023	SSF x Far_LoA	-7,91668814	-0,082	0,303
CHR3	340733	CHR3:340733	SSF x Far_LoA	-9,40323191	0,017	0,308
CHR3	340760	CHR3:340760	SSF x Far_LoA	-8,69510332	-0,013	0,304
CHR3	340812	CHR3:340812	SSF x Far_LoA	-10,3827739	-0,008	0,321
CHR3	34085920	CHR3:34085920	SSF x Far_LoA	-11,5325145	0,117	0,299
CHR3	34085957	CHR3:34085957	SSF x Far_LoA	-10,0065973	-0,065	0,306
CHR3	34089215	CHR3:34089215	SSF x Far_LoA	-10,4876946	-0,013	0,313
CHR3	34089266	CHR3:34089266	SSF x Far_LoA	-11,4690675	0,040	0,309
CHR3	34089281	CHR3:34089281	SSF x Far_LoA	-8,15225616	-0,158	0,303

CHR3	34089311	CHR3:34089311	SSF x Far_LoA	-11,8552097	0,141	0,293
CHR3	34092280	CHR3:34092280	SSF x Far_LoA	-7,40094021	0,006	0,317
CHR3	34093298	CHR3:34093298	SSF x Far_LoA	-9,46656086	-0,036	0,294
CHR3	34093311	CHR3:34093311	SSF x Far_LoA	-6,10964556	0,088	0,304
CHR3	34093317	CHR3:34093317	SSF x Far_LoA	-10,435489	0,089	0,310
CHR3	34093385	CHR3:34093385	SSF x Far_LoA	-10,1221685	0,033	0,289
CHR3	34101010	CHR3:34101010	SSF x Far_LoA	-8,02397258	-0,075	0,311
CHR3	34103222	CHR3:34103222	SSF x Far_LoA	-11,4395588	0,068	0,305
CHR3	34103260	CHR3:34103260	SSF x Far_LoA	-5,019852	-0,173	0,319
CHR3	34104511	CHR3:34104511	SSF x Far_LoA	-8,06148036	-0,093	0,295
CHR3	34104565	CHR3:34104565	SSF x Far_LoA	-9,86601423	0,044	0,305
CHR3	34104566	CHR3:34104566	SSF x Far_LoA	-9,97370119	0,075	0,301
CHR3	34106999	CHR3:34106999	SSF x Far_LoA	-9,20595233	-0,041	0,322
CHR3	34116679	CHR3:34116679	SSF x Far_LoA	-8,51710511	-0,067	0,308
CHR3	34118506	CHR3:34118506	SSF x Far_LoA	-10,9248984	0,010	0,308
CHR3	3412268	CHR3:3412268	SSF x Far_LoA	-10,397938	-0,081	0,314
CHR3	3412295	CHR3:3412295	SSF x Far_LoA	-2,98041137	-0,108	0,307
CHR3	3412307	CHR3:3412307	SSF x Far_LoA	-9,04321291	0,003	0,301
CHR3	3412321	CHR3:3412321	SSF x Far_LoA	-8,38786455	-0,146	0,301
CHR3	3412328	CHR3:3412328	SSF x Far_LoA	-5,96241888	-0,155	0,305
CHR3	3412351	CHR3:3412351	SSF x Far_LoA	-9,56660693	0,057	0,301
CHR3	3412353	CHR3:3412353	SSF x Far_LoA	-7,52248441	-0,002	0,309
CHR3	3412862	CHR3:3412862	SSF x Far_LoA	-9,03643671	0,140	0,300
CHR3	34132915	CHR3:34132915	SSF x Far_LoA	-10,854995	-0,152	0,309
CHR3	34132982	CHR3:34132982	SSF x Far_LoA	-10,8558024	0,103	0,291
CHR3	34133184	CHR3:34133184	SSF x Far_LoA	-9,21640264	-0,026	0,310
CHR3	34142131	CHR3:34142131	SSF x Far_LoA	-10,4713577	-0,007	0,294
CHR3	34142167	CHR3:34142167	SSF x Far_LoA	-10,2494572	-0,094	0,310
CHR3	34142175	CHR3:34142175	SSF x Far_LoA	-9,94392578	-0,021	0,305
CHR3	34142257	CHR3:34142257	SSF x Far_LoA	-8,80898087	-0,046	0,318
CHR3	34154332	CHR3:34154332	SSF x Far_LoA	-9,89337322	0,090	0,304
CHR3	34160130	CHR3:34160130	SSF x Far_LoA	-10,0768727	-0,032	0,301
CHR3	34160174	CHR3:34160174	SSF x Far_LoA	-6,65941563	-0,032	0,334
CHR3	34160205	CHR3:34160205	SSF x Far_LoA	-9,03540647	-0,002	0,311
CHR3	34160337	CHR3:34160337	SSF x Far_LoA	-10,3779045	-0,010	0,318
CHR3	34160369	CHR3:34160369	SSF x Far_LoA	-9,8669155	0,060	0,301
CHR3	34160418	CHR3:34160418	SSF x Far_LoA	-9,7270899	0,017	0,309
CHR3	34160480	CHR3:34160480	SSF x Far_LoA	-8,98842648	-0,117	0,306
CHR3	3416749	CHR3:3416749	SSF x Far_LoA	-5,98643514	-0,021	0,313
CHR3	3416795	CHR3:3416795	SSF x Far_LoA	-11,5273622	0,014	0,314
CHR3	3416887	CHR3:3416887	SSF x Far_LoA	-10,4434529	0,107	0,298
CHR3	34169743	CHR3:34169743	SSF x Far_LoA	-8,27381881	0,048	0,322
CHR3	34173699	CHR3:34173699	SSF x Far_LoA	-7,8602164	-0,123	0,311
CHR3	34177467	CHR3:34177467	SSF x Far_LoA	-8,35690269	-0,124	0,314
CHR3	3418000	CHR3:3418000	SSF x Far_LoA	-11,4252221	-0,022	0,313
CHR3	34193642	CHR3:34193642	SSF x Far_LoA	-11,1743381	-0,006	0,310
CHR3	34193707	CHR3:34193707	SSF x Far_LoA	-8,88947142	-0,050	0,305
CHR3	34193745	CHR3:34193745	SSF x Far_LoA	-9,41922966	0,084	0,313
CHR3	34193907	CHR3:34193907	SSF x Far_LoA	-9,65642202	-0,016	0,305
CHR3	34197691	CHR3:34197691	SSF x Far_LoA	-11,9167057	0,031	0,302
CHR3	34203499	CHR3:34203499	SSF x Far_LoA	-9,26482309	-0,082	0,316
CHR3	34230122	CHR3:34230122	SSF x Far_LoA	-10,1460146	-0,164	0,288
CHR3	34230237	CHR3:34230237	SSF x Far_LoA	-8,39377797	0,018	0,309

CHR3	34235310	CHR3:34235310	SSF x Far_LoA	-8,49698686	0,029	0,295
CHR3	34258526	CHR3:34258526	SSF x Far_LoA	-9,83107971	0,075	0,310
CHR3	34280348	CHR3:34280348	SSF x Far_LoA	-12,0337679	-0,013	0,313
CHR3	3429918	CHR3:3429918	SSF x Far_LoA	-10,5971544	-0,062	0,306
CHR3	34305008	CHR3:34305008	SSF x Far_LoA	-8,09320492	0,096	0,297
CHR3	3431114	CHR3:3431114	SSF x Far_LoA	-10,1815402	0,047	0,305
CHR3	34321791	CHR3:34321791	SSF x Far_LoA	-9,3383036	-0,009	0,302
CHR3	3432299	CHR3:3432299	SSF x Far_LoA	-10,9954689	0,007	0,302
CHR3	3432392	CHR3:3432392	SSF x Far_LoA	-9,74429945	-0,045	0,300
CHR3	3432439	CHR3:3432439	SSF x Far_LoA	-9,29901262	-0,010	0,299
CHR3	34357579	CHR3:34357579	SSF x Far_LoA	-11,4914715	0,004	0,303
CHR3	34357639	CHR3:34357639	SSF x Far_LoA	-10,7040768	0,017	0,301
CHR3	3444815	CHR3:3444815	SSF x Far_LoA	-10,5263391	0,013	0,310
CHR3	3444847	CHR3:3444847	SSF x Far_LoA	-11,5473286	-0,053	0,294
CHR3	3444914	CHR3:3444914	SSF x Far_LoA	-7,90969643	-0,095	0,303
CHR3	3445044	CHR3:3445044	SSF x Far_LoA	-10,2951172	-0,037	0,309
CHR3	3446274	CHR3:3446274	SSF x Far_LoA	-8,36770085	-0,057	0,294
CHR3	3451816	CHR3:3451816	SSF x Far_LoA	-11,0946577	-0,049	0,308
CHR3	3451828	CHR3:3451828	SSF x Far_LoA	-8,44765013	-0,103	0,308
CHR3	3468170	CHR3:3468170	SSF x Far_LoA	-9,10444081	0,056	0,297
CHR3	3468393	CHR3:3468393	SSF x Far_LoA	-8,15445733	0,028	0,314
CHR3	3468418	CHR3:3468418	SSF x Far_LoA	-5,35198638	0,085	0,325
CHR3	3470835	CHR3:3470835	SSF x Far_LoA	-2,00264796	0,150	0,305
CHR3	3470852	CHR3:3470852	SSF x Far_LoA	-10,0306586	-0,082	0,305
CHR3	3474009	CHR3:3474009	SSF x Far_LoA	-8,07920646	-0,109	0,312
CHR3	3474054	CHR3:3474054	SSF x Far_LoA	-8,44716975	0,011	0,313
CHR3	3474062	CHR3:3474062	SSF x Far_LoA	-8,82518774	-0,055	0,317
CHR3	3474185	CHR3:3474185	SSF x Far_LoA	-4,82330989	0,224	0,280
CHR3	3474194	CHR3:3474194	SSF x Far_LoA	-6,0955353	0,203	0,290
CHR3	3474201	CHR3:3474201	SSF x Far_LoA	-4,62805488	0,237	0,289
CHR3	3480407	CHR3:3480407	SSF x Far_LoA	-10,4053867	-0,002	0,304
CHR3	3480935	CHR3:3480935	SSF x Far_LoA	-12,0908526	0,049	0,297
CHR3	3481120	CHR3:3481120	SSF x Far_LoA	-6,57777704	-0,021	0,298
CHR3	348363	CHR3:348363	SSF x Far_LoA	-10,4607726	0,057	0,311
CHR3	348498	CHR3:348498	SSF x Far_LoA	-9,92737478	-0,092	0,289
CHR3	348569	CHR3:348569	SSF x Far_LoA	-10,8816904	0,019	0,310
CHR3	3508410	CHR3:3508410	SSF x Far_LoA	-7,5246652	0,173	0,288
CHR3	3510324	CHR3:3510324	SSF x Far_LoA	-9,68459083	0,136	0,304
CHR3	3510450	CHR3:3510450	SSF x Far_LoA	-8,60320155	0,067	0,299
CHR3	3510464	CHR3:3510464	SSF x Far_LoA	-5,70259617	-0,025	0,302
CHR3	3510475	CHR3:3510475	SSF x Far_LoA	-3,87372875	-0,047	0,317
CHR3	3525879	CHR3:3525879	SSF x Far_LoA	-10,3149969	0,122	0,302
CHR3	3525920	CHR3:3525920	SSF x Far_LoA	-10,3314976	-0,023	0,314
CHR3	3528378	CHR3:3528378	SSF x Far_LoA	-6,8564285	0,110	0,298
CHR3	3528410	CHR3:3528410	SSF x Far_LoA	-6,44803399	-0,144	0,297
CHR3	3528431	CHR3:3528431	SSF x Far_LoA	-9,78012107	0,059	0,299
CHR3	3528441	CHR3:3528441	SSF x Far_LoA	-11,8348006	-0,007	0,296
CHR3	3528458	CHR3:3528458	SSF x Far_LoA	-8,00592698	-0,077	0,290
CHR3	3528495	CHR3:3528495	SSF x Far_LoA	-7,01304218	-0,135	0,311
CHR3	3528599	CHR3:3528599	SSF x Far_LoA	-9,91469528	-0,116	0,307
CHR3	3531164	CHR3:3531164	SSF x Far_LoA	-11,2568729	0,049	0,304
CHR3	3546179	CHR3:3546179	SSF x Far_LoA	-8,81742893	0,040	0,305
CHR3	3547018	CHR3:3547018	SSF x Far_LoA	-9,40301604	-0,072	0,307

CHR3	3556549	CHR3:3556549	SSF x Far_LoA	-11,4863246	-0,055	0,305
CHR3	3556576	CHR3:3556576	SSF x Far_LoA	-9,87674107	0,077	0,308
CHR3	3556592	CHR3:3556592	SSF x Far_LoA	-10,2356083	0,101	0,310
CHR3	3561986	CHR3:3561986	SSF x Far_LoA	-8,52106703	0,107	0,304
CHR3	3562003	CHR3:3562003	SSF x Far_LoA	-7,77647543	0,037	0,307
CHR3	3562017	CHR3:3562017	SSF x Far_LoA	-4,30500225	0,069	0,307
CHR3	3562021	CHR3:3562021	SSF x Far_LoA	-1,6566037	0,183	0,300
CHR3	3562063	CHR3:3562063	SSF x Far_LoA	-9,40296621	0,104	0,305
CHR3	3562065	CHR3:3562065	SSF x Far_LoA	-8,66878113	0,112	0,308
CHR3	3562066	CHR3:3562066	SSF x Far_LoA	-9,62574871	0,113	0,299
CHR3	3562088	CHR3:3562088	SSF x Far_LoA	-9,7741637	0,065	0,312
CHR3	3566305	CHR3:3566305	SSF x Far_LoA	-9,34885797	-0,063	0,305
CHR3	3568272	CHR3:3568272	SSF x Far_LoA	-7,78076726	-0,043	0,311
CHR3	3568347	CHR3:3568347	SSF x Far_LoA	-8,69868649	0,047	0,311
CHR3	3568350	CHR3:3568350	SSF x Far_LoA	-10,3185102	0,014	0,293
CHR3	3573904	CHR3:3573904	SSF x Far_LoA	-12,8281118	-0,001	0,292
CHR3	3574075	CHR3:3574075	SSF x Far_LoA	-1,47397164	-0,087	0,297
CHR3	3580939	CHR3:3580939	SSF x Far_LoA	-9,73320203	-0,046	0,319
CHR3	3584593	CHR3:3584593	SSF x Far_LoA	-11,2390011	-0,024	0,305
CHR3	3584636	CHR3:3584636	SSF x Far_LoA	-5,55641334	0,048	0,306
CHR3	3584656	CHR3:3584656	SSF x Far_LoA	-9,11758734	0,028	0,309
CHR3	3584684	CHR3:3584684	SSF x Far_LoA	-9,08091797	0,004	0,301
CHR3	3584703	CHR3:3584703	SSF x Far_LoA	-8,21920589	0,058	0,305
CHR3	3584735	CHR3:3584735	SSF x Far_LoA	-9,99267803	-0,004	0,311
CHR3	3584777	CHR3:3584777	SSF x Far_LoA	-10,1908904	-0,024	0,317
CHR3	3602472	CHR3:3602472	SSF x Far_LoA	-10,7274852	0,095	0,293
CHR3	3603257	CHR3:3603257	SSF x Far_LoA	-10,7698049	-0,038	0,316
CHR3	3605628	CHR3:3605628	SSF x Far_LoA	-7,69682227	0,063	0,319
CHR3	362098	CHR3:362098	SSF x Far_LoA	-9,01130568	-0,053	0,315
CHR3	362873	CHR3:362873	SSF x Far_LoA	-8,15738244	-0,069	0,312
CHR3	3632623	CHR3:3632623	SSF x Far_LoA	-9,36494649	0,063	0,304
CHR3	3632672	CHR3:3632672	SSF x Far_LoA	-8,6925222	-0,108	0,308
CHR3	3632684	CHR3:3632684	SSF x Far_LoA	-10,2395823	0,033	0,310
CHR3	3632703	CHR3:3632703	SSF x Far_LoA	-9,51850947	0,054	0,292
CHR3	3632797	CHR3:3632797	SSF x Far_LoA	-9,06382325	-0,103	0,299
CHR3	3645839	CHR3:3645839	SSF x Far_LoA	-10,2848223	0,114	0,303
CHR3	3652767	CHR3:3652767	SSF x Far_LoA	-11,4317431	0,018	0,289
CHR3	3667305	CHR3:3667305	SSF x Far_LoA	-9,21690311	0,006	0,301
CHR3	3667317	CHR3:3667317	SSF x Far_LoA	-7,30691227	0,002	0,323
CHR3	3667329	CHR3:3667329	SSF x Far_LoA	-9,75280955	-0,027	0,307
CHR3	3671352	CHR3:3671352	SSF x Far_LoA	-11,2624274	-0,016	0,309
CHR3	3673788	CHR3:3673788	SSF x Far_LoA	-6,40200978	-0,006	0,302
CHR3	3673795	CHR3:3673795	SSF x Far_LoA	-10,9842541	0,099	0,301
CHR3	3675600	CHR3:3675600	SSF x Far_LoA	-10,2694951	0,100	0,296
CHR3	3680141	CHR3:3680141	SSF x Far_LoA	-11,4821187	-0,023	0,311
CHR3	3680237	CHR3:3680237	SSF x Far_LoA	-12,2407026	0,011	0,299
CHR3	3680246	CHR3:3680246	SSF x Far_LoA	-12,0178551	0,047	0,305
CHR3	3687162	CHR3:3687162	SSF x Far_LoA	-7,20391586	-0,002	0,319
CHR3	3687299	CHR3:3687299	SSF x Far_LoA	-10,7702184	-0,054	0,299
CHR3	369430	CHR3:369430	SSF x Far_LoA	-11,654206	0,046	0,299
CHR3	3711780	CHR3:3711780	SSF x Far_LoA	-8,60492573	0,037	0,313
CHR3	3715014	CHR3:3715014	SSF x Far_LoA	-10,7560803	0,071	0,301
CHR3	3715080	CHR3:3715080	SSF x Far_LoA	-6,58917388	-0,122	0,299

CHR3	3715157	CHR3:3715157	SSF x Far_LoA	-1,02539293	-0,094	0,313
CHR3	3715161	CHR3:3715161	SSF x Far_LoA	-10,0528487	0,046	0,318
CHR3	3715185	CHR3:3715185	SSF x Far_LoA	-10,7649014	0,041	0,306
CHR3	3718242	CHR3:3718242	SSF x Far_LoA	-9,76320499	0,103	0,298
CHR3	3718246	CHR3:3718246	SSF x Far_LoA	-8,00420436	-0,109	0,301
CHR3	3719437	CHR3:3719437	SSF x Far_LoA	-8,57715749	0,156	0,298
CHR3	372043	CHR3:372043	SSF x Far_LoA	-8,60268671	0,022	0,306
CHR3	3722245	CHR3:3722245	SSF x Far_LoA	-9,37429815	-0,128	0,298
CHR3	3722247	CHR3:3722247	SSF x Far_LoA	-10,8523805	0,015	0,312
CHR3	3727369	CHR3:3727369	SSF x Far_LoA	-4,80776773	-0,119	0,307
CHR3	3730229	CHR3:3730229	SSF x Far_LoA	-9,64420851	-0,046	0,289
CHR3	3743774	CHR3:3743774	SSF x Far_LoA	-10,9368067	-0,089	0,308
CHR3	3744011	CHR3:3744011	SSF x Far_LoA	-9,47882314	0,074	0,318
CHR3	3744027	CHR3:3744027	SSF x Far_LoA	-9,33507466	-0,022	0,318
CHR3	3744068	CHR3:3744068	SSF x Far_LoA	-10,2167365	0,053	0,317
CHR3	3764935	CHR3:3764935	SSF x Far_LoA	-9,35023783	-0,045	0,314
CHR3	3765021	CHR3:3765021	SSF x Far_LoA	-7,93983981	-0,098	0,306
CHR3	3765032	CHR3:3765032	SSF x Far_LoA	-11,8025566	-0,080	0,291
CHR3	3765079	CHR3:3765079	SSF x Far_LoA	-8,25671354	-0,053	0,316
CHR3	3765081	CHR3:3765081	SSF x Far_LoA	-10,1362254	0,104	0,288
CHR3	3765100	CHR3:3765100	SSF x Far_LoA	-9,92330199	0,009	0,312
CHR3	3765124	CHR3:3765124	SSF x Far_LoA	-8,02713664	-0,061	0,308
CHR3	376733	CHR3:376733	SSF x Far_LoA	-8,79554515	-0,013	0,302
CHR3	376879	CHR3:376879	SSF x Far_LoA	-9,33017741	0,005	0,305
CHR3	3778084	CHR3:3778084	SSF x Far_LoA	-10,4974077	0,004	0,315
CHR3	3778142	CHR3:3778142	SSF x Far_LoA	-10,4407244	0,039	0,320
CHR3	3790902	CHR3:3790902	SSF x Far_LoA	-10,0752809	0,105	0,305
CHR3	3791192	CHR3:3791192	SSF x Far_LoA	-9,36657702	0,128	0,285
CHR3	3791202	CHR3:3791202	SSF x Far_LoA	-10,6963166	0,082	0,326
CHR3	3795353	CHR3:3795353	SSF x Far_LoA	-3,66397764	0,233	0,301
CHR3	3795467	CHR3:3795467	SSF x Far_LoA	-7,49848868	0,154	0,293
CHR3	3795527	CHR3:3795527	SSF x Far_LoA	-8,27589279	0,129	0,314
CHR3	3798534	CHR3:3798534	SSF x Far_LoA	-8,58993786	0,113	0,301
CHR3	3818376	CHR3:3818376	SSF x Far_LoA	-6,42192355	-0,129	0,297
CHR3	3818400	CHR3:3818400	SSF x Far_LoA	-9,71621391	-0,088	0,302
CHR3	3818478	CHR3:3818478	SSF x Far_LoA	-11,0071308	0,048	0,303
CHR3	3818503	CHR3:3818503	SSF x Far_LoA	-10,8674923	0,136	0,288
CHR3	3818610	CHR3:3818610	SSF x Far_LoA	-10,9881072	-0,022	0,305
CHR3	3824021	CHR3:3824021	SSF x Far_LoA	-11,2092876	-0,080	0,304
CHR3	3824026	CHR3:3824026	SSF x Far_LoA	-11,1299152	-0,093	0,305
CHR3	3824262	CHR3:3824262	SSF x Far_LoA	-8,77226988	0,030	0,310
CHR3	3833434	CHR3:3833434	SSF x Far_LoA	-7,66681578	0,008	0,317
CHR3	3833448	CHR3:3833448	SSF x Far_LoA	-9,47910489	-0,107	0,305
CHR3	3833490	CHR3:3833490	SSF x Far_LoA	-8,24921501	-0,094	0,315
CHR3	3833575	CHR3:3833575	SSF x Far_LoA	-8,53892396	-0,063	0,288
CHR3	3833635	CHR3:3833635	SSF x Far_LoA	-12,3275109	0,033	0,310
CHR3	3833636	CHR3:3833636	SSF x Far_LoA	-9,74071981	0,093	0,302
CHR3	383602	CHR3:383602	SSF x Far_LoA	-8,57265897	0,101	0,306
CHR3	383620	CHR3:383620	SSF x Far_LoA	-4,93858773	-0,029	0,316
CHR3	3845008	CHR3:3845008	SSF x Far_LoA	-10,179223	0,038	0,296
CHR3	3845026	CHR3:3845026	SSF x Far_LoA	-9,70323053	0,064	0,301
CHR3	3845031	CHR3:3845031	SSF x Far_LoA	-8,63627727	0,093	0,304
CHR3	3845038	CHR3:3845038	SSF x Far_LoA	-9,84645383	0,100	0,309

CHR3	3847782	CHR3:3847782	SSF x Far_LoA	-9,27401145	-0,046	0,295
CHR3	3848038	CHR3:3848038	SSF x Far_LoA	-9,74252985	-0,113	0,299
CHR3	3848078	CHR3:3848078	SSF x Far_LoA	-10,486233	-0,015	0,308
CHR3	3852893	CHR3:3852893	SSF x Far_LoA	-9,25907718	0,019	0,316
CHR3	3852946	CHR3:3852946	SSF x Far_LoA	-11,746249	-0,011	0,301
CHR3	3852966	CHR3:3852966	SSF x Far_LoA	-10,3114732	0,020	0,305
CHR3	3853027	CHR3:3853027	SSF x Far_LoA	-8,7536882	-0,004	0,327
CHR3	3853033	CHR3:3853033	SSF x Far_LoA	-8,16643608	-0,030	0,315
CHR3	3853036	CHR3:3853036	SSF x Far_LoA	-9,23804559	-0,052	0,315
CHR3	3853049	CHR3:3853049	SSF x Far_LoA	-8,83887668	0,003	0,313
CHR3	3853132	CHR3:3853132	SSF x Far_LoA	-9,19252885	0,092	0,300
CHR3	3863430	CHR3:3863430	SSF x Far_LoA	-8,71436163	-0,055	0,300
CHR3	3863437	CHR3:3863437	SSF x Far_LoA	-11,5001725	0,015	0,303
CHR3	3876119	CHR3:3876119	SSF x Far_LoA	-9,50289921	0,084	0,302
CHR3	3877284	CHR3:3877284	SSF x Far_LoA	-2,73904358	-0,057	0,306
CHR3	3886393	CHR3:3886393	SSF x Far_LoA	-10,5024762	0,027	0,284
CHR3	3886498	CHR3:3886498	SSF x Far_LoA	-10,552264	-0,023	0,317
CHR3	3886555	CHR3:3886555	SSF x Far_LoA	-7,89705597	-0,070	0,290
CHR3	3886584	CHR3:3886584	SSF x Far_LoA	-10,6762618	0,051	0,318
CHR3	3889537	CHR3:3889537	SSF x Far_LoA	-8,15012912	0,094	0,317
CHR3	3889824	CHR3:3889824	SSF x Far_LoA	-8,71918128	-0,060	0,290
CHR3	3889842	CHR3:3889842	SSF x Far_LoA	-7,41490608	0,091	0,311
CHR3	3906888	CHR3:3906888	SSF x Far_LoA	-8,29410072	-0,132	0,296
CHR3	3906979	CHR3:3906979	SSF x Far_LoA	-11,677559	0,083	0,305
CHR3	3906987	CHR3:3906987	SSF x Far_LoA	-7,47786606	0,162	0,288
CHR3	3907001	CHR3:3907001	SSF x Far_LoA	-9,36082199	-0,014	0,310
CHR3	3907012	CHR3:3907012	SSF x Far_LoA	-8,43766377	-0,035	0,311
CHR3	3907019	CHR3:3907019	SSF x Far_LoA	-11,6466353	-0,067	0,297
CHR3	3907122	CHR3:3907122	SSF x Far_LoA	-9,48669737	0,001	0,301
CHR3	390803	CHR3:390803	SSF x Far_LoA	-9,71419007	-0,184	0,311
CHR3	390898	CHR3:390898	SSF x Far_LoA	-9,76445872	-0,030	0,309
CHR3	3912500	CHR3:3912500	SSF x Far_LoA	-11,779755	-0,005	0,298
CHR3	3924808	CHR3:3924808	SSF x Far_LoA	-10,3043027	-0,080	0,308
CHR3	3924829	CHR3:3924829	SSF x Far_LoA	-8,78030927	-0,014	0,301
CHR3	3924927	CHR3:3924927	SSF x Far_LoA	-9,44195108	-0,040	0,307
CHR3	3925002	CHR3:3925002	SSF x Far_LoA	-11,7701138	0,020	0,309
CHR3	3926757	CHR3:3926757	SSF x Far_LoA	-8,79337225	0,054	0,299
CHR3	3926758	CHR3:3926758	SSF x Far_LoA	-8,78004567	0,071	0,295
CHR3	3931464	CHR3:3931464	SSF x Far_LoA	0,27634462	-0,084	0,299
CHR3	3931472	CHR3:3931472	SSF x Far_LoA	-10,5451792	0,005	0,299
CHR3	3931567	CHR3:3931567	SSF x Far_LoA	-8,67437825	-0,135	0,309
CHR3	3934883	CHR3:3934883	SSF x Far_LoA	-5,28134077	0,087	0,304
CHR3	3958139	CHR3:3958139	SSF x Far_LoA	-9,45774577	0,052	0,299
CHR3	3958147	CHR3:3958147	SSF x Far_LoA	-7,45730777	0,158	0,290
CHR3	3958155	CHR3:3958155	SSF x Far_LoA	-2,28153501	0,199	0,292
CHR3	3958191	CHR3:3958191	SSF x Far_LoA	-4,2636817	0,149	0,294
CHR3	3958192	CHR3:3958192	SSF x Far_LoA	-8,72094322	-0,031	0,312
CHR3	3958195	CHR3:3958195	SSF x Far_LoA	-10,2536772	-0,035	0,299
CHR3	3978425	CHR3:3978425	SSF x Far_LoA	-11,5701932	0,023	0,309
CHR3	3978454	CHR3:3978454	SSF x Far_LoA	-8,84258948	0,030	0,306
CHR3	3978470	CHR3:3978470	SSF x Far_LoA	-9,15298273	-0,028	0,305
CHR3	3978513	CHR3:3978513	SSF x Far_LoA	-9,30288934	0,114	0,300
CHR3	3984498	CHR3:3984498	SSF x Far_LoA	-11,3518929	-0,058	0,311

CHR3	3984622	CHR3:3984622	SSF x Far_LoA	-10,7544301	0,092	0,302
CHR3	3984638	CHR3:3984638	SSF x Far_LoA	-9,33040838	0,000	0,311
CHR3	3984657	CHR3:3984657	SSF x Far_LoA	-8,40122733	0,006	0,318
CHR3	3984707	CHR3:3984707	SSF x Far_LoA	-10,8539371	-0,068	0,310
CHR3	3990126	CHR3:3990126	SSF x Far_LoA	-9,01736162	0,005	0,291
CHR3	3992457	CHR3:3992457	SSF x Far_LoA	-9,6658308	0,034	0,306
CHR3	3992465	CHR3:3992465	SSF x Far_LoA	-9,43361093	-0,060	0,314
CHR3	3997286	CHR3:3997286	SSF x Far_LoA	-9,38696693	0,001	0,305
CHR3	3997411	CHR3:3997411	SSF x Far_LoA	-9,97570762	-0,113	0,306
CHR3	3999906	CHR3:3999906	SSF x Far_LoA	0,80903042	-0,005	0,299
CHR3	3999921	CHR3:3999921	SSF x Far_LoA	-5,30280823	-0,180	0,286
CHR3	4001555	CHR3:4001555	SSF x Far_LoA	-7,5725704	-0,045	0,301
CHR3	4001576	CHR3:4001576	SSF x Far_LoA	-5,46695683	0,038	0,309
CHR3	4001581	CHR3:4001581	SSF x Far_LoA	-7,93970632	-0,151	0,297
CHR3	4001604	CHR3:4001604	SSF x Far_LoA	-8,12752005	0,112	0,299
CHR3	4001636	CHR3:4001636	SSF x Far_LoA	-8,31337252	0,001	0,310
CHR3	4001710	CHR3:4001710	SSF x Far_LoA	-12,384821	-0,063	0,302
CHR3	4001733	CHR3:4001733	SSF x Far_LoA	-10,9451113	0,108	0,294
CHR3	401694	CHR3:401694	SSF x Far_LoA	-5,29669231	-0,051	0,306
CHR3	4018461	CHR3:4018461	SSF x Far_LoA	-10,3709534	-0,002	0,304
CHR3	4018505	CHR3:4018505	SSF x Far_LoA	-9,82805452	0,083	0,304
CHR3	4018560	CHR3:4018560	SSF x Far_LoA	-12,4208922	0,041	0,296
CHR3	4018632	CHR3:4018632	SSF x Far_LoA	-8,50371204	-0,051	0,298
CHR3	4019778	CHR3:4019778	SSF x Far_LoA	-8,20720202	0,040	0,305
CHR3	4025534	CHR3:4025534	SSF x Far_LoA	-8,27069845	-0,053	0,298
CHR3	4025539	CHR3:4025539	SSF x Far_LoA	-10,1313473	-0,096	0,306
CHR3	4025557	CHR3:4025557	SSF x Far_LoA	-10,16288	0,116	0,300
CHR3	4025597	CHR3:4025597	SSF x Far_LoA	-7,1667523	-0,128	0,306
CHR3	4025663	CHR3:4025663	SSF x Far_LoA	-9,80319533	0,050	0,295
CHR3	4027658	CHR3:4027658	SSF x Far_LoA	-5,78098845	-0,076	0,316
CHR3	402776	CHR3:402776	SSF x Far_LoA	-8,53681409	-0,026	0,307
CHR3	4027963	CHR3:4027963	SSF x Far_LoA	-10,3492695	-0,025	0,304
CHR3	4045364	CHR3:4045364	SSF x Far_LoA	-11,1412119	0,078	0,326
CHR3	4047414	CHR3:4047414	SSF x Far_LoA	-9,51925866	0,027	0,291
CHR3	4050599	CHR3:4050599	SSF x Far_LoA	-9,76878699	0,095	0,303
CHR3	4061030	CHR3:4061030	SSF x Far_LoA	-8,77441048	-0,041	0,305
CHR3	4062871	CHR3:4062871	SSF x Far_LoA	-10,5004593	0,108	0,304
CHR3	4076743	CHR3:4076743	SSF x Far_LoA	-11,0817658	0,031	0,304
CHR3	4077930	CHR3:4077930	SSF x Far_LoA	-9,00295338	0,064	0,291
CHR3	4077992	CHR3:4077992	SSF x Far_LoA	-7,67834862	-0,005	0,308
CHR3	407976	CHR3:407976	SSF x Far_LoA	-7,50556572	-0,057	0,304
CHR3	408146	CHR3:408146	SSF x Far_LoA	-11,0939403	0,085	0,305
CHR3	4082071	CHR3:4082071	SSF x Far_LoA	-8,19992541	0,000	0,289
CHR3	408220	CHR3:408220	SSF x Far_LoA	-10,4322487	0,019	0,296
CHR3	4091552	CHR3:4091552	SSF x Far_LoA	-10,482845	-0,068	0,288
CHR3	4091556	CHR3:4091556	SSF x Far_LoA	-8,80196119	0,007	0,309
CHR3	4091616	CHR3:4091616	SSF x Far_LoA	-3,03810802	-0,054	0,301
CHR3	4091642	CHR3:4091642	SSF x Far_LoA	-8,20404558	0,038	0,319
CHR3	4091681	CHR3:4091681	SSF x Far_LoA	-2,44927667	0,016	0,310
CHR3	4091718	CHR3:4091718	SSF x Far_LoA	-9,41517218	0,066	0,290
CHR3	4098687	CHR3:4098687	SSF x Far_LoA	-8,77787172	0,044	0,300
CHR3	4099293	CHR3:4099293	SSF x Far_LoA	-12,0011592	0,029	0,296
CHR3	4099320	CHR3:4099320	SSF x Far_LoA	-4,87579392	0,033	0,290

CHR3	4099351	CHR3:4099351	SSF x Far_LoA	-8,8839795	0,036	0,300
CHR3	4099369	CHR3:4099369	SSF x Far_LoA	-7,49952772	0,025	0,306
CHR3	4099396	CHR3:4099396	SSF x Far_LoA	-9,26554954	0,036	0,302
CHR3	4099417	CHR3:4099417	SSF x Far_LoA	-8,26933206	0,075	0,296
CHR3	4099450	CHR3:4099450	SSF x Far_LoA	-9,92297819	0,075	0,316
CHR3	4110964	CHR3:4110964	SSF x Far_LoA	-10,1340509	-0,033	0,295
CHR3	4111020	CHR3:4111020	SSF x Far_LoA	-10,1927898	0,144	0,287
CHR3	411141	CHR3:411141	SSF x Far_LoA	-4,96396394	-0,180	0,301
CHR3	411182	CHR3:411182	SSF x Far_LoA	-7,73504075	0,126	0,304
CHR3	411234	CHR3:411234	SSF x Far_LoA	-7,04129784	-0,104	0,309
CHR3	411247	CHR3:411247	SSF x Far_LoA	-5,46343249	-0,227	0,294
CHR3	4124401	CHR3:4124401	SSF x Far_LoA	-7,78186433	-0,098	0,306
CHR3	4139764	CHR3:4139764	SSF x Far_LoA	-10,8892587	0,024	0,317
CHR3	4139923	CHR3:4139923	SSF x Far_LoA	-9,60235247	0,030	0,306
CHR3	4141150	CHR3:4141150	SSF x Far_LoA	-12,523025	0,018	0,293
CHR3	4141338	CHR3:4141338	SSF x Far_LoA	-9,11361887	0,001	0,300
CHR3	4141346	CHR3:4141346	SSF x Far_LoA	-9,52310888	-0,073	0,312
CHR3	4154230	CHR3:4154230	SSF x Far_LoA	-8,8894822	0,014	0,323
CHR3	4154235	CHR3:4154235	SSF x Far_LoA	-5,92695472	-0,154	0,311
CHR3	4154236	CHR3:4154236	SSF x Far_LoA	-9,95891159	-0,069	0,303
CHR3	4154275	CHR3:4154275	SSF x Far_LoA	-7,99528601	-0,082	0,317
CHR3	4164970	CHR3:4164970	SSF x Far_LoA	-8,50291985	0,034	0,315
CHR3	4165053	CHR3:4165053	SSF x Far_LoA	-9,09985234	0,021	0,316
CHR3	4181242	CHR3:4181242	SSF x Far_LoA	-9,65442289	0,000	0,306
CHR3	4181279	CHR3:4181279	SSF x Far_LoA	-8,84117165	-0,026	0,297
CHR3	4181447	CHR3:4181447	SSF x Far_LoA	-8,42761772	0,069	0,279
CHR3	4181461	CHR3:4181461	SSF x Far_LoA	-9,25614164	0,000	0,296
CHR3	4184804	CHR3:4184804	SSF x Far_LoA	-10,4894912	0,063	0,297
CHR3	4185848	CHR3:4185848	SSF x Far_LoA	-9,43094289	0,015	0,301
CHR3	4185896	CHR3:4185896	SSF x Far_LoA	-5,80916656	0,046	0,301
CHR3	4193350	CHR3:4193350	SSF x Far_LoA	-6,72731412	0,042	0,313
CHR3	4193389	CHR3:4193389	SSF x Far_LoA	-10,0528579	0,047	0,298
CHR3	4193394	CHR3:4193394	SSF x Far_LoA	-9,59200583	-0,087	0,305
CHR3	4193417	CHR3:4193417	SSF x Far_LoA	-8,94441393	-0,044	0,311
CHR3	4193436	CHR3:4193436	SSF x Far_LoA	-9,55728977	-0,008	0,306
CHR3	4193536	CHR3:4193536	SSF x Far_LoA	-10,8880748	-0,097	0,307
CHR3	4195065	CHR3:4195065	SSF x Far_LoA	-6,60462348	-0,023	0,309
CHR3	420124	CHR3:420124	SSF x Far_LoA	-8,86920827	-0,059	0,312
CHR3	4201622	CHR3:4201622	SSF x Far_LoA	-11,0455938	0,052	0,302
CHR3	4201766	CHR3:4201766	SSF x Far_LoA	31,5183268	-0,178	0,290
CHR3	4201965	CHR3:4201965	SSF x Far_LoA	-10,055328	0,025	0,314
CHR3	420205	CHR3:420205	SSF x Far_LoA	-8,39300857	0,092	0,302
CHR3	420206	CHR3:420206	SSF x Far_LoA	-8,28829063	0,116	0,312
CHR3	420208	CHR3:420208	SSF x Far_LoA	-8,2513807	0,133	0,290
CHR3	420242	CHR3:420242	SSF x Far_LoA	-7,30638022	0,034	0,314
CHR3	420300	CHR3:420300	SSF x Far_LoA	-7,49848023	0,107	0,316
CHR3	420350	CHR3:420350	SSF x Far_LoA	-11,1577069	0,001	0,310
CHR3	4206062	CHR3:4206062	SSF x Far_LoA	-9,26375657	0,034	0,301
CHR3	4206141	CHR3:4206141	SSF x Far_LoA	-8,73741952	-0,002	0,324
CHR3	4206142	CHR3:4206142	SSF x Far_LoA	-8,48959968	0,037	0,326
CHR3	4206176	CHR3:4206176	SSF x Far_LoA	-6,85385195	0,067	0,300
CHR3	4206321	CHR3:4206321	SSF x Far_LoA	-11,1025042	0,008	0,311
CHR3	4209335	CHR3:4209335	SSF x Far_LoA	-9,30715102	0,004	0,309

CHR3	4209407	CHR3:4209407	SSF x Far_LoA	-11,2727949	0,074	0,303
CHR3	4211158	CHR3:4211158	SSF x Far_LoA	-10,8436648	0,054	0,289
CHR3	4211365	CHR3:4211365	SSF x Far_LoA	-10,1790327	-0,006	0,296
CHR3	4211371	CHR3:4211371	SSF x Far_LoA	-12,5152063	-0,019	0,299
CHR3	422265	CHR3:422265	SSF x Far_LoA	-10,6923356	-0,079	0,307
CHR3	4233267	CHR3:4233267	SSF x Far_LoA	-10,6155939	0,057	0,298
CHR3	4233336	CHR3:4233336	SSF x Far_LoA	-9,5616836	0,120	0,306
CHR3	4233408	CHR3:4233408	SSF x Far_LoA	-8,72808013	0,043	0,307
CHR3	4233432	CHR3:4233432	SSF x Far_LoA	-10,1620356	0,054	0,308
CHR3	4252930	CHR3:4252930	SSF x Far_LoA	-11,4807215	0,015	0,300
CHR3	4252955	CHR3:4252955	SSF x Far_LoA	-9,7617033	-0,005	0,309
CHR3	425394	CHR3:425394	SSF x Far_LoA	-7,71720288	0,074	0,307
CHR3	426304	CHR3:426304	SSF x Far_LoA	-9,17882807	-0,010	0,311
CHR3	426390	CHR3:426390	SSF x Far_LoA	-9,86297399	-0,007	0,310
CHR3	4270913	CHR3:4270913	SSF x Far_LoA	-8,65420589	-0,124	0,316
CHR3	4271055	CHR3:4271055	SSF x Far_LoA	-10,8120192	-0,049	0,305
CHR3	4271103	CHR3:4271103	SSF x Far_LoA	-9,51759448	0,002	0,315
CHR3	4273012	CHR3:4273012	SSF x Far_LoA	-5,57629296	0,082	0,309
CHR3	4281040	CHR3:4281040	SSF x Far_LoA	-9,88074583	0,018	0,299
CHR3	4281085	CHR3:4281085	SSF x Far_LoA	-8,98218335	0,129	0,311
CHR3	4281164	CHR3:4281164	SSF x Far_LoA	-7,7021482	-0,153	0,302
CHR3	428609	CHR3:428609	SSF x Far_LoA	-8,11008664	0,073	0,310
CHR3	428614	CHR3:428614	SSF x Far_LoA	-8,43759441	0,076	0,322
CHR3	428725	CHR3:428725	SSF x Far_LoA	-9,54899609	-0,055	0,296
CHR3	4289835	CHR3:4289835	SSF x Far_LoA	-10,5894966	-0,029	0,294
CHR3	4289871	CHR3:4289871	SSF x Far_LoA	-8,82393754	-0,037	0,307
CHR3	4289941	CHR3:4289941	SSF x Far_LoA	-8,00002153	0,006	0,317
CHR3	4317466	CHR3:4317466	SSF x Far_LoA	-6,61579757	0,076	0,310
CHR3	4317475	CHR3:4317475	SSF x Far_LoA	-7,87903028	-0,037	0,323
CHR3	4317511	CHR3:4317511	SSF x Far_LoA	-9,7697474	0,016	0,325
CHR3	4324365	CHR3:4324365	SSF x Far_LoA	-9,7766176	-0,050	0,307
CHR3	4324509	CHR3:4324509	SSF x Far_LoA	-10,4763037	0,065	0,304
CHR3	4339809	CHR3:4339809	SSF x Far_LoA	-10,2797839	0,011	0,308
CHR3	4339974	CHR3:4339974	SSF x Far_LoA	-6,28235195	-0,030	0,307
CHR3	4340824	CHR3:4340824	SSF x Far_LoA	-8,67529772	0,125	0,302
CHR3	4344918	CHR3:4344918	SSF x Far_LoA	-5,41362227	-0,163	0,312
CHR3	434504	CHR3:434504	SSF x Far_LoA	-8,89655894	-0,091	0,309
CHR3	434519	CHR3:434519	SSF x Far_LoA	-9,9416466	0,071	0,307
CHR3	434615	CHR3:434615	SSF x Far_LoA	-9,47454306	-0,014	0,311
CHR3	434618	CHR3:434618	SSF x Far_LoA	-7,90602833	0,023	0,308
CHR3	434876	CHR3:434876	SSF x Far_LoA	-9,4430735	0,055	0,303
CHR3	434923	CHR3:434923	SSF x Far_LoA	-8,67083441	-0,020	0,323
CHR3	434965	CHR3:434965	SSF x Far_LoA	-8,31645519	0,013	0,309
CHR3	4350403	CHR3:4350403	SSF x Far_LoA	-10,2078283	0,039	0,296
CHR3	4355690	CHR3:4355690	SSF x Far_LoA	-4,84147249	-0,118	0,298
CHR3	4358777	CHR3:4358777	SSF x Far_LoA	-10,8873504	0,207	0,287
CHR3	4358804	CHR3:4358804	SSF x Far_LoA	-9,26757201	-0,105	0,317
CHR3	4358812	CHR3:4358812	SSF x Far_LoA	-10,394738	-0,079	0,304
CHR3	4358816	CHR3:4358816	SSF x Far_LoA	-11,0944662	-0,114	0,296
CHR3	4368708	CHR3:4368708	SSF x Far_LoA	-10,4979684	0,062	0,306
CHR3	4396380	CHR3:4396380	SSF x Far_LoA	-1,71992961	-0,256	0,284
CHR3	4396722	CHR3:4396722	SSF x Far_LoA	-10,8324848	0,104	0,303
CHR3	4396723	CHR3:4396723	SSF x Far_LoA	-9,03423673	0,041	0,313

CHR3	4403361	CHR3:4403361	SSF x Far_LoA	-10,5670392	-0,140	0,309
CHR3	4410365	CHR3:4410365	SSF x Far_LoA	-11,7012381	0,044	0,312
CHR3	4417942	CHR3:4417942	SSF x Far_LoA	-8,47221064	0,021	0,303
CHR3	4418006	CHR3:4418006	SSF x Far_LoA	-8,67516458	0,033	0,312
CHR3	4418166	CHR3:4418166	SSF x Far_LoA	-8,23132443	0,089	0,295
CHR3	4423518	CHR3:4423518	SSF x Far_LoA	-9,11898264	-0,008	0,306
CHR3	4423603	CHR3:4423603	SSF x Far_LoA	-8,09517749	0,015	0,309
CHR3	442669	CHR3:442669	SSF x Far_LoA	-9,16047232	0,023	0,311
CHR3	442701	CHR3:442701	SSF x Far_LoA	-8,03932125	-0,092	0,311
CHR3	4436274	CHR3:4436274	SSF x Far_LoA	-10,8498676	0,062	0,301
CHR3	4436276	CHR3:4436276	SSF x Far_LoA	-9,1558201	0,003	0,316
CHR3	4436361	CHR3:4436361	SSF x Far_LoA	-7,9108526	0,076	0,306
CHR3	4438277	CHR3:4438277	SSF x Far_LoA	-10,2223665	-0,055	0,289
CHR3	4438302	CHR3:4438302	SSF x Far_LoA	-6,40758628	-0,144	0,300
CHR3	4438326	CHR3:4438326	SSF x Far_LoA	-9,55523734	-0,121	0,305
CHR3	4438354	CHR3:4438354	SSF x Far_LoA	-9,90640756	-0,141	0,303
CHR3	4446745	CHR3:4446745	SSF x Far_LoA	-9,48032158	-0,009	0,310
CHR3	4446873	CHR3:4446873	SSF x Far_LoA	-9,63251588	-0,021	0,308
CHR3	4475145	CHR3:4475145	SSF x Far_LoA	-7,61379799	-0,063	0,310
CHR3	4475203	CHR3:4475203	SSF x Far_LoA	-9,1948298	-0,063	0,294
CHR3	4475283	CHR3:4475283	SSF x Far_LoA	-6,76006788	-0,059	0,312
CHR3	4475284	CHR3:4475284	SSF x Far_LoA	-7,14128438	-0,040	0,310
CHR3	4484673	CHR3:4484673	SSF x Far_LoA	-10,3029876	-0,019	0,309
CHR3	4484929	CHR3:4484929	SSF x Far_LoA	-9,08797298	0,006	0,301
CHR3	4494839	CHR3:4494839	SSF x Far_LoA	-8,19587299	0,031	0,314
CHR3	4494959	CHR3:4494959	SSF x Far_LoA	-4,303458	-0,068	0,321
CHR3	4494978	CHR3:4494978	SSF x Far_LoA	-10,6997115	0,000	0,312
CHR3	4494990	CHR3:4494990	SSF x Far_LoA	-10,5128909	-0,072	0,300
CHR3	4495025	CHR3:4495025	SSF x Far_LoA	-8,95396658	0,003	0,296
CHR3	4495026	CHR3:4495026	SSF x Far_LoA	-9,27159917	-0,005	0,293
CHR3	4495035	CHR3:4495035	SSF x Far_LoA	-9,89669306	-0,021	0,308
CHR3	4495057	CHR3:4495057	SSF x Far_LoA	-10,6243407	-0,068	0,310
CHR3	4499047	CHR3:4499047	SSF x Far_LoA	-11,1816363	-0,052	0,309
CHR3	4499109	CHR3:4499109	SSF x Far_LoA	-7,58722052	-0,051	0,309
CHR3	4499127	CHR3:4499127	SSF x Far_LoA	-10,0155657	-0,025	0,309
CHR3	4499140	CHR3:4499140	SSF x Far_LoA	-9,88477823	0,042	0,306
CHR3	4499160	CHR3:4499160	SSF x Far_LoA	-12,1602033	0,019	0,310
CHR3	4499178	CHR3:4499178	SSF x Far_LoA	-9,67877765	-0,021	0,315
CHR3	4499216	CHR3:4499216	SSF x Far_LoA	-7,73467353	-0,061	0,301
CHR3	4517465	CHR3:4517465	SSF x Far_LoA	-5,73759029	-0,170	0,307
CHR3	4517475	CHR3:4517475	SSF x Far_LoA	-6,13249259	-0,169	0,304
CHR3	4517492	CHR3:4517492	SSF x Far_LoA	-8,11888742	0,008	0,309
CHR3	4517537	CHR3:4517537	SSF x Far_LoA	-6,966305	-0,106	0,316
CHR3	4517550	CHR3:4517550	SSF x Far_LoA	-8,45445092	-0,131	0,301
CHR3	4521178	CHR3:4521178	SSF x Far_LoA	-9,71585112	-0,136	0,313
CHR3	4521195	CHR3:4521195	SSF x Far_LoA	-10,7724246	-0,047	0,314
CHR3	4524174	CHR3:4524174	SSF x Far_LoA	-8,39387187	-0,105	0,309
CHR3	4528147	CHR3:4528147	SSF x Far_LoA	-9,62820451	-0,033	0,311
CHR3	4528176	CHR3:4528176	SSF x Far_LoA	-9,58076086	-0,121	0,302
CHR3	4528185	CHR3:4528185	SSF x Far_LoA	-8,75262236	-0,130	0,291
CHR3	4538730	CHR3:4538730	SSF x Far_LoA	-9,61724454	-0,018	0,317
CHR3	4538735	CHR3:4538735	SSF x Far_LoA	-11,432723	0,083	0,300
CHR3	4538761	CHR3:4538761	SSF x Far_LoA	-10,9618484	0,031	0,300

CHR3	4563884	CHR3:4563884	SSF x Far_LoA	-8,11313205	0,047	0,311
CHR3	4566100	CHR3:4566100	SSF x Far_LoA	-7,01353979	-0,142	0,293
CHR3	4572123	CHR3:4572123	SSF x Far_LoA	-9,23669505	-0,007	0,315
CHR3	4578948	CHR3:4578948	SSF x Far_LoA	-10,9855402	-0,077	0,309
CHR3	4579051	CHR3:4579051	SSF x Far_LoA	-9,07332016	0,000	0,297
CHR3	4579061	CHR3:4579061	SSF x Far_LoA	-10,7465184	0,049	0,296
CHR3	4579149	CHR3:4579149	SSF x Far_LoA	-11,21156	-0,022	0,303
CHR3	4579670	CHR3:4579670	SSF x Far_LoA	-9,37484621	-0,122	0,308
CHR3	4590515	CHR3:4590515	SSF x Far_LoA	-9,25464662	-0,020	0,292
CHR3	4590551	CHR3:4590551	SSF x Far_LoA	-8,05609941	-0,001	0,308
CHR3	4596419	CHR3:4596419	SSF x Far_LoA	-9,36194158	0,040	0,310
CHR3	4596544	CHR3:4596544	SSF x Far_LoA	-8,7883492	0,053	0,320
CHR3	4596638	CHR3:4596638	SSF x Far_LoA	-10,3445423	0,066	0,302
CHR3	4602577	CHR3:4602577	SSF x Far_LoA	3,96114553	-0,046	0,300
CHR3	4602632	CHR3:4602632	SSF x Far_LoA	-8,52954991	-0,065	0,294
CHR3	4602682	CHR3:4602682	SSF x Far_LoA	-7,56492831	0,116	0,302
CHR3	4602690	CHR3:4602690	SSF x Far_LoA	-8,82011278	-0,057	0,310
CHR3	4605186	CHR3:4605186	SSF x Far_LoA	-9,69713302	-0,068	0,320
CHR3	4618116	CHR3:4618116	SSF x Far_LoA	-11,0173507	-0,024	0,303
CHR3	4625398	CHR3:4625398	SSF x Far_LoA	-9,09989329	0,078	0,295
CHR3	4637639	CHR3:4637639	SSF x Far_LoA	-6,77528836	-0,103	0,300
CHR3	4643205	CHR3:4643205	SSF x Far_LoA	-9,21489145	0,043	0,310
CHR3	466940	CHR3:466940	SSF x Far_LoA	-7,56298826	-0,140	0,315
CHR3	466987	CHR3:466987	SSF x Far_LoA	-11,9496804	0,017	0,311
CHR3	467102	CHR3:467102	SSF x Far_LoA	-7,64003161	-0,082	0,311
CHR3	4671210	CHR3:4671210	SSF x Far_LoA	-7,09444085	-0,149	0,294
CHR3	4671328	CHR3:4671328	SSF x Far_LoA	-7,15448483	-0,112	0,294
CHR3	4680185	CHR3:4680185	SSF x Far_LoA	-9,80630991	0,034	0,308
CHR3	4680301	CHR3:4680301	SSF x Far_LoA	-10,5052623	0,034	0,294
CHR3	4680485	CHR3:4680485	SSF x Far_LoA	-8,0719213	-0,085	0,306
CHR3	4685780	CHR3:4685780	SSF x Far_LoA	-9,10661069	-0,075	0,307
CHR3	469195	CHR3:469195	SSF x Far_LoA	-7,65041148	-0,097	0,286
CHR3	4692354	CHR3:4692354	SSF x Far_LoA	-9,05162526	0,023	0,318
CHR3	4692440	CHR3:4692440	SSF x Far_LoA	-12,2419786	0,028	0,299
CHR3	4692453	CHR3:4692453	SSF x Far_LoA	-10,8542153	0,027	0,314
CHR3	469301	CHR3:469301	SSF x Far_LoA	-0,57312751	0,044	0,297
CHR3	469307	CHR3:469307	SSF x Far_LoA	-9,2403019	0,003	0,300
CHR3	469338	CHR3:469338	SSF x Far_LoA	-10,8340872	-0,031	0,314
CHR3	469395	CHR3:469395	SSF x Far_LoA	-10,8770647	0,017	0,306
CHR3	4717334	CHR3:4717334	SSF x Far_LoA	-10,381664	0,052	0,312
CHR3	4717359	CHR3:4717359	SSF x Far_LoA	-9,71891302	-0,022	0,314
CHR3	4717405	CHR3:4717405	SSF x Far_LoA	-9,13598998	0,028	0,314
CHR3	4717413	CHR3:4717413	SSF x Far_LoA	-10,4643789	-0,036	0,314
CHR3	471853	CHR3:471853	SSF x Far_LoA	-10,5362172	0,140	0,291
CHR3	471876	CHR3:471876	SSF x Far_LoA	-9,42623587	-0,043	0,299
CHR3	471903	CHR3:471903	SSF x Far_LoA	-6,01364163	0,139	0,288
CHR3	471935	CHR3:471935	SSF x Far_LoA	-7,01423762	-0,143	0,295
CHR3	471941	CHR3:471941	SSF x Far_LoA	-6,71294941	0,159	0,307
CHR3	471959	CHR3:471959	SSF x Far_LoA	-3,05053204	0,291	0,276
CHR3	471980	CHR3:471980	SSF x Far_LoA	-5,78924616	-0,124	0,303
CHR3	4729058	CHR3:4729058	SSF x Far_LoA	-9,81815116	0,090	0,308
CHR3	4729119	CHR3:4729119	SSF x Far_LoA	-9,95275321	0,006	0,304
CHR3	4729134	CHR3:4729134	SSF x Far_LoA	-10,5330932	0,010	0,301

CHR3	4729145	CHR3:4729145	SSF x Far_LoA	-8,43659422	0,086	0,304
CHR3	4748069	CHR3:4748069	SSF x Far_LoA	-7,63021576	0,010	0,303
CHR3	4748137	CHR3:4748137	SSF x Far_LoA	-8,66249834	-0,012	0,297
CHR3	4756245	CHR3:4756245	SSF x Far_LoA	-7,3099404	0,027	0,307
CHR3	4756256	CHR3:4756256	SSF x Far_LoA	0,6898374	0,109	0,281
CHR3	4756264	CHR3:4756264	SSF x Far_LoA	-11,2022053	-0,009	0,299
CHR3	4756278	CHR3:4756278	SSF x Far_LoA	-8,34957355	0,103	0,292
CHR3	4756319	CHR3:4756319	SSF x Far_LoA	-10,3577981	0,110	0,305
CHR3	4756433	CHR3:4756433	SSF x Far_LoA	-11,692147	-0,002	0,290
CHR3	4756481	CHR3:4756481	SSF x Far_LoA	-12,0019671	0,060	0,297
CHR3	4757677	CHR3:4757677	SSF x Far_LoA	-10,6701544	0,058	0,305
CHR3	4757765	CHR3:4757765	SSF x Far_LoA	-10,9953846	0,034	0,325
CHR3	4757813	CHR3:4757813	SSF x Far_LoA	-8,40382406	-0,016	0,297
CHR3	478558	CHR3:478558	SSF x Far_LoA	-6,21252358	-0,186	0,290
CHR3	478566	CHR3:478566	SSF x Far_LoA	-7,21240336	-0,192	0,296
CHR3	478580	CHR3:478580	SSF x Far_LoA	-8,25970395	-0,184	0,301
CHR3	478620	CHR3:478620	SSF x Far_LoA	-8,48871775	0,093	0,309
CHR3	478651	CHR3:478651	SSF x Far_LoA	-4,86860184	-0,188	0,301
CHR3	481028	CHR3:481028	SSF x Far_LoA	-10,7404707	-0,060	0,295
CHR3	481084	CHR3:481084	SSF x Far_LoA	-8,88745424	-0,008	0,309
CHR3	481224	CHR3:481224	SSF x Far_LoA	-10,1920346	-0,036	0,309
CHR3	4813979	CHR3:4813979	SSF x Far_LoA	-5,75174042	0,139	0,295
CHR3	4814103	CHR3:4814103	SSF x Far_LoA	-8,05990424	0,031	0,307
CHR3	4815412	CHR3:4815412	SSF x Far_LoA	-11,4179532	0,026	0,310
CHR3	4823824	CHR3:4823824	SSF x Far_LoA	-8,33481709	-0,101	0,309
CHR3	4823982	CHR3:4823982	SSF x Far_LoA	-7,02947813	0,151	0,293
CHR3	4826781	CHR3:4826781	SSF x Far_LoA	-9,20097594	-0,004	0,315
CHR3	4830115	CHR3:4830115	SSF x Far_LoA	-6,19403863	0,065	0,308
CHR3	4830178	CHR3:4830178	SSF x Far_LoA	-9,30771859	0,109	0,312
CHR3	4830214	CHR3:4830214	SSF x Far_LoA	-11,1478958	-0,002	0,306
CHR3	4832386	CHR3:4832386	SSF x Far_LoA	-8,7129851	0,034	0,314
CHR3	4832389	CHR3:4832389	SSF x Far_LoA	-9,03916052	0,132	0,300
CHR3	4832531	CHR3:4832531	SSF x Far_LoA	-8,45352121	0,095	0,306
CHR3	4832544	CHR3:4832544	SSF x Far_LoA	-7,57689729	0,140	0,298
CHR3	4832546	CHR3:4832546	SSF x Far_LoA	-9,95333723	-0,010	0,293
CHR3	4832569	CHR3:4832569	SSF x Far_LoA	-5,54689461	0,100	0,302
CHR3	4837632	CHR3:4837632	SSF x Far_LoA	-9,07343254	0,002	0,300
CHR3	4837642	CHR3:4837642	SSF x Far_LoA	-9,1750834	-0,025	0,300
CHR3	4837668	CHR3:4837668	SSF x Far_LoA	-10,9032237	0,002	0,307
CHR3	4837669	CHR3:4837669	SSF x Far_LoA	-9,6964349	0,007	0,313
CHR3	4837670	CHR3:4837670	SSF x Far_LoA	-10,8522941	-0,013	0,293
CHR3	4837699	CHR3:4837699	SSF x Far_LoA	-10,1789191	-0,137	0,304
CHR3	4838168	CHR3:4838168	SSF x Far_LoA	-9,63324345	0,056	0,302
CHR3	4843941	CHR3:4843941	SSF x Far_LoA	-9,93732976	0,118	0,287
CHR3	485161	CHR3:485161	SSF x Far_LoA	-5,19422118	0,000	0,307
CHR3	485163	CHR3:485163	SSF x Far_LoA	-9,20195986	-0,014	0,320
CHR3	4859744	CHR3:4859744	SSF x Far_LoA	2,15907414	-0,135	0,314
CHR3	4859772	CHR3:4859772	SSF x Far_LoA	-8,3356428	0,012	0,297
CHR3	486377	CHR3:486377	SSF x Far_LoA	-11,4524789	0,036	0,303
CHR3	4864395	CHR3:4864395	SSF x Far_LoA	-9,25168279	-0,075	0,297
CHR3	4864397	CHR3:4864397	SSF x Far_LoA	-11,3968802	-0,017	0,305
CHR3	4864600	CHR3:4864600	SSF x Far_LoA	-9,86667275	0,003	0,315
CHR3	4864629	CHR3:4864629	SSF x Far_LoA	-5,66296414	0,093	0,300

CHR3	4867502	CHR3:4867502	SSF x Far_LoA	-11,2890037	-0,053	0,318
CHR3	4867519	CHR3:4867519	SSF x Far_LoA	-5,04784789	0,066	0,309
CHR3	4867525	CHR3:4867525	SSF x Far_LoA	-11,0069951	0,084	0,313
CHR3	4869922	CHR3:4869922	SSF x Far_LoA	-8,40883212	0,097	0,300
CHR3	4870006	CHR3:4870006	SSF x Far_LoA	-9,83334069	0,019	0,297
CHR3	4874191	CHR3:4874191	SSF x Far_LoA	-8,39625262	-0,129	0,304
CHR3	4877804	CHR3:4877804	SSF x Far_LoA	-8,73754494	0,099	0,290
CHR3	4877820	CHR3:4877820	SSF x Far_LoA	-11,8121371	0,002	0,310
CHR3	4877922	CHR3:4877922	SSF x Far_LoA	-10,0949792	-0,023	0,311
CHR3	4877931	CHR3:4877931	SSF x Far_LoA	-9,63735073	-0,027	0,307
CHR3	4878018	CHR3:4878018	SSF x Far_LoA	-10,3582079	0,050	0,322
CHR3	4880394	CHR3:4880394	SSF x Far_LoA	-8,50089881	0,205	0,301
CHR3	4880442	CHR3:4880442	SSF x Far_LoA	-3,88450808	0,248	0,290
CHR3	4880491	CHR3:4880491	SSF x Far_LoA	-9,47006002	-0,098	0,316
CHR3	4880566	CHR3:4880566	SSF x Far_LoA	-11,091488	-0,025	0,307
CHR3	4882383	CHR3:4882383	SSF x Far_LoA	-11,1760714	0,040	0,307
CHR3	4893549	CHR3:4893549	SSF x Far_LoA	-10,2827145	0,057	0,315
CHR3	4894333	CHR3:4894333	SSF x Far_LoA	-10,7847489	0,137	0,298
CHR3	491792	CHR3:491792	SSF x Far_LoA	-8,53556691	0,000	0,290
CHR3	491811	CHR3:491811	SSF x Far_LoA	-8,05759766	0,019	0,300
CHR3	4923941	CHR3:4923941	SSF x Far_LoA	-6,62201036	-0,068	0,292
CHR3	4923959	CHR3:4923959	SSF x Far_LoA	-8,20477576	0,017	0,297
CHR3	4923994	CHR3:4923994	SSF x Far_LoA	-5,99736254	0,008	0,307
CHR3	4930933	CHR3:4930933	SSF x Far_LoA	-8,48362975	0,019	0,313
CHR3	4931058	CHR3:4931058	SSF x Far_LoA	-9,40681591	-0,095	0,315
CHR3	4931113	CHR3:4931113	SSF x Far_LoA	-10,6284286	-0,091	0,305
CHR3	4931123	CHR3:4931123	SSF x Far_LoA	-10,0359494	-0,114	0,304
CHR3	4931168	CHR3:4931168	SSF x Far_LoA	-8,67819116	0,090	0,307
CHR3	493807	CHR3:493807	SSF x Far_LoA	-9,8078871	0,103	0,299
CHR3	493881	CHR3:493881	SSF x Far_LoA	-4,5444574	0,098	0,295
CHR3	4949730	CHR3:4949730	SSF x Far_LoA	-8,54103073	0,006	0,300
CHR3	4949780	CHR3:4949780	SSF x Far_LoA	-7,72321988	0,040	0,295
CHR3	4949877	CHR3:4949877	SSF x Far_LoA	-7,57901568	0,070	0,289
CHR3	4949917	CHR3:4949917	SSF x Far_LoA	-10,2461702	-0,065	0,308
CHR3	4949925	CHR3:4949925	SSF x Far_LoA	-8,37164948	-0,054	0,301
CHR3	4949962	CHR3:4949962	SSF x Far_LoA	-10,4241804	-0,049	0,313
CHR3	4949999	CHR3:4949999	SSF x Far_LoA	-9,34926035	0,056	0,300
CHR3	4950885	CHR3:4950885	SSF x Far_LoA	-11,7561527	-0,068	0,309
CHR3	4951004	CHR3:4951004	SSF x Far_LoA	-9,68468458	-0,051	0,311
CHR3	4952551	CHR3:4952551	SSF x Far_LoA	-8,52221805	0,096	0,298
CHR3	4952603	CHR3:4952603	SSF x Far_LoA	-10,8416624	-0,044	0,305
CHR3	4952688	CHR3:4952688	SSF x Far_LoA	-9,14181409	-0,080	0,317
CHR3	4952711	CHR3:4952711	SSF x Far_LoA	-10,2362815	-0,067	0,322
CHR3	4960722	CHR3:4960722	SSF x Far_LoA	-9,02784868	0,061	0,306
CHR3	4960782	CHR3:4960782	SSF x Far_LoA	-9,90178357	0,027	0,313
CHR3	4960795	CHR3:4960795	SSF x Far_LoA	-9,44793375	-0,018	0,313
CHR3	4960830	CHR3:4960830	SSF x Far_LoA	-10,8529268	0,131	0,296
CHR3	4964591	CHR3:4964591	SSF x Far_LoA	-10,3046296	-0,090	0,303
CHR3	4964617	CHR3:4964617	SSF x Far_LoA	-11,1999095	-0,087	0,301
CHR3	4979084	CHR3:4979084	SSF x Far_LoA	-8,22268121	0,029	0,306
CHR3	4979085	CHR3:4979085	SSF x Far_LoA	-10,5506138	0,042	0,299
CHR3	4979131	CHR3:4979131	SSF x Far_LoA	-8,34769239	-0,142	0,309
CHR3	4979132	CHR3:4979132	SSF x Far_LoA	-9,02024329	-0,158	0,304

CHR3	4979377	CHR3:4979377	SSF x Far_LoA	-9,18011317	-0,003	0,316
CHR3	4979385	CHR3:4979385	SSF x Far_LoA	-10,5626899	0,034	0,307
CHR3	4983705	CHR3:4983705	SSF x Far_LoA	-11,9848501	0,024	0,296
CHR3	4983712	CHR3:4983712	SSF x Far_LoA	-9,96989884	0,029	0,308
CHR3	4983719	CHR3:4983719	SSF x Far_LoA	-11,0799339	-0,003	0,311
CHR3	4984004	CHR3:4984004	SSF x Far_LoA	-9,67086528	0,036	0,309
CHR3	5005610	CHR3:5005610	SSF x Far_LoA	-9,66275011	-0,076	0,303
CHR3	5005757	CHR3:5005757	SSF x Far_LoA	-8,53368543	-0,136	0,293
CHR3	5005770	CHR3:5005770	SSF x Far_LoA	-8,8229856	0,012	0,311
CHR3	5005771	CHR3:5005771	SSF x Far_LoA	-9,18947636	0,085	0,297
CHR3	5006002	CHR3:5006002	SSF x Far_LoA	-10,9060799	-0,104	0,312
CHR3	5006013	CHR3:5006013	SSF x Far_LoA	-7,8943447	-0,067	0,313
CHR3	5009074	CHR3:5009074	SSF x Far_LoA	-9,11103957	0,023	0,325
CHR3	5009086	CHR3:5009086	SSF x Far_LoA	-9,57683645	0,029	0,304
CHR3	5009163	CHR3:5009163	SSF x Far_LoA	-11,1190379	0,028	0,296
CHR3	5009180	CHR3:5009180	SSF x Far_LoA	-11,3076746	-0,091	0,305
CHR3	5011793	CHR3:5011793	SSF x Far_LoA	-9,88458009	0,038	0,305
CHR3	5011814	CHR3:5011814	SSF x Far_LoA	-10,56643	0,071	0,292
CHR3	5011816	CHR3:5011816	SSF x Far_LoA	-7,80274899	-0,136	0,300
CHR3	5011818	CHR3:5011818	SSF x Far_LoA	-11,3715976	-0,001	0,298
CHR3	5011821	CHR3:5011821	SSF x Far_LoA	-10,6321887	-0,107	0,314
CHR3	5012020	CHR3:5012020	SSF x Far_LoA	-5,63611029	-0,180	0,295
CHR3	5012030	CHR3:5012030	SSF x Far_LoA	-12,0585895	-0,053	0,294
CHR3	50125	CHR3:50125	SSF x Far_LoA	-10,7454782	0,028	0,301
CHR3	5019274	CHR3:5019274	SSF x Far_LoA	-8,69915506	0,073	0,311
CHR3	5019313	CHR3:5019313	SSF x Far_LoA	-9,01879509	-0,059	0,303
CHR3	5019378	CHR3:5019378	SSF x Far_LoA	-9,80396147	-0,051	0,312
CHR3	5019511	CHR3:5019511	SSF x Far_LoA	-7,67779891	-0,085	0,321
CHR3	5019553	CHR3:5019553	SSF x Far_LoA	-9,11711268	-0,008	0,303
CHR3	5019571	CHR3:5019571	SSF x Far_LoA	-9,44486314	-0,025	0,298
CHR3	50246	CHR3:50246	SSF x Far_LoA	-10,9328595	0,062	0,297
CHR3	5066670	CHR3:5066670	SSF x Far_LoA	-9,9449483	-0,076	0,313
CHR3	5066684	CHR3:5066684	SSF x Far_LoA	-9,98562335	-0,117	0,306
CHR3	5066726	CHR3:5066726	SSF x Far_LoA	-8,00728804	0,095	0,285
CHR3	5066729	CHR3:5066729	SSF x Far_LoA	-6,82243225	-0,125	0,293
CHR3	5073526	CHR3:5073526	SSF x Far_LoA	-8,6653832	-0,056	0,321
CHR3	5073624	CHR3:5073624	SSF x Far_LoA	-8,47097953	0,034	0,309
CHR3	5073811	CHR3:5073811	SSF x Far_LoA	-10,284481	0,072	0,292
CHR3	5088290	CHR3:5088290	SSF x Far_LoA	-8,93848602	0,090	0,300
CHR3	5088294	CHR3:5088294	SSF x Far_LoA	-7,99588111	-0,071	0,304
CHR3	5088337	CHR3:5088337	SSF x Far_LoA	-11,0825394	0,034	0,306
CHR3	5092312	CHR3:5092312	SSF x Far_LoA	-7,17424072	0,079	0,302
CHR3	5096388	CHR3:5096388	SSF x Far_LoA	-10,0175001	-0,019	0,301
CHR3	5097676	CHR3:5097676	SSF x Far_LoA	-11,7614207	-0,056	0,303
CHR3	5097711	CHR3:5097711	SSF x Far_LoA	-9,64285604	-0,026	0,312
CHR3	5097715	CHR3:5097715	SSF x Far_LoA	-8,33243594	-0,110	0,308
CHR3	5097755	CHR3:5097755	SSF x Far_LoA	-3,72569407	-0,200	0,303
CHR3	5097757	CHR3:5097757	SSF x Far_LoA	-8,01044209	0,149	0,295
CHR3	5097764	CHR3:5097764	SSF x Far_LoA	-8,70011664	0,093	0,316
CHR3	5097862	CHR3:5097862	SSF x Far_LoA	-11,1742523	-0,067	0,295
CHR3	5097946	CHR3:5097946	SSF x Far_LoA	-8,30478021	-0,019	0,307
CHR3	5103648	CHR3:5103648	SSF x Far_LoA	-10,0391176	0,165	0,287
CHR3	5103652	CHR3:5103652	SSF x Far_LoA	-8,02932797	-0,201	0,305

CHR3	5105449	CHR3:5105449	SSF x Far_LoA	-9,55098051	-0,147	0,313
CHR3	5107446	CHR3:5107446	SSF x Far_LoA	-10,6164734	0,002	0,300
CHR3	5116301	CHR3:5116301	SSF x Far_LoA	-7,94757891	0,088	0,315
CHR3	5116314	CHR3:5116314	SSF x Far_LoA	-10,0456847	-0,041	0,311
CHR3	5116318	CHR3:5116318	SSF x Far_LoA	-10,5044154	0,061	0,309
CHR3	5116328	CHR3:5116328	SSF x Far_LoA	-10,6165734	0,037	0,314
CHR3	5116340	CHR3:5116340	SSF x Far_LoA	-9,88308075	0,088	0,303
CHR3	5121472	CHR3:5121472	SSF x Far_LoA	-10,3351708	-0,045	0,308
CHR3	5127853	CHR3:5127853	SSF x Far_LoA	-7,07416404	0,068	0,307
CHR3	5127903	CHR3:5127903	SSF x Far_LoA	-9,88572353	-0,056	0,303
CHR3	5127962	CHR3:5127962	SSF x Far_LoA	-10,9484317	0,050	0,304
CHR3	5127966	CHR3:5127966	SSF x Far_LoA	-9,44779741	-0,076	0,306
CHR3	5128013	CHR3:5128013	SSF x Far_LoA	-9,8706483	0,076	0,315
CHR3	5133197	CHR3:5133197	SSF x Far_LoA	-12,2480559	-0,096	0,300
CHR3	5133387	CHR3:5133387	SSF x Far_LoA	-9,55141912	0,100	0,318
CHR3	5134605	CHR3:5134605	SSF x Far_LoA	-9,30014104	0,072	0,307
CHR3	5134650	CHR3:5134650	SSF x Far_LoA	-11,243391	0,076	0,306
CHR3	5144869	CHR3:5144869	SSF x Far_LoA	-7,76911926	0,010	0,303
CHR3	5145044	CHR3:5145044	SSF x Far_LoA	-8,68091948	0,094	0,303
CHR3	5145073	CHR3:5145073	SSF x Far_LoA	-11,5654653	-0,066	0,299
CHR3	5145075	CHR3:5145075	SSF x Far_LoA	-11,1849098	-0,123	0,295
CHR3	5145168	CHR3:5145168	SSF x Far_LoA	-8,76228286	-0,006	0,300
CHR3	5145169	CHR3:5145169	SSF x Far_LoA	-8,57142702	0,024	0,303
CHR3	5145275	CHR3:5145275	SSF x Far_LoA	-9,77120642	0,005	0,314
CHR3	5145284	CHR3:5145284	SSF x Far_LoA	-10,2717093	0,047	0,313
CHR3	5154976	CHR3:5154976	SSF x Far_LoA	-10,0617149	-0,109	0,308
CHR3	5157507	CHR3:5157507	SSF x Far_LoA	-10,3667199	-0,071	0,311
CHR3	5157517	CHR3:5157517	SSF x Far_LoA	-8,74468164	0,068	0,298
CHR3	5157521	CHR3:5157521	SSF x Far_LoA	-10,1406602	-0,009	0,286
CHR3	517651	CHR3:517651	SSF x Far_LoA	-10,8155709	0,184	0,281
CHR3	517672	CHR3:517672	SSF x Far_LoA	-7,76512494	0,190	0,286
CHR3	517693	CHR3:517693	SSF x Far_LoA	-4,02644733	0,172	0,305
CHR3	517754	CHR3:517754	SSF x Far_LoA	-6,02583009	0,142	0,303
CHR3	5178206	CHR3:5178206	SSF x Far_LoA	-6,78028645	0,026	0,310
CHR3	5178315	CHR3:5178315	SSF x Far_LoA	-10,7117907	0,043	0,302
CHR3	5178328	CHR3:5178328	SSF x Far_LoA	-10,9441505	-0,079	0,315
CHR3	5178463	CHR3:5178463	SSF x Far_LoA	-10,8935872	-0,023	0,296
CHR3	5178491	CHR3:5178491	SSF x Far_LoA	-6,38636473	0,037	0,308
CHR3	517885	CHR3:517885	SSF x Far_LoA	-10,4674855	0,020	0,307
CHR3	5194150	CHR3:5194150	SSF x Far_LoA	-7,04495769	-0,176	0,294
CHR3	5194529	CHR3:5194529	SSF x Far_LoA	-8,94307562	0,080	0,303
CHR3	5194547	CHR3:5194547	SSF x Far_LoA	-7,39408029	-0,195	0,293
CHR3	5194553	CHR3:5194553	SSF x Far_LoA	-9,65464602	0,083	0,305
CHR3	5194601	CHR3:5194601	SSF x Far_LoA	-8,53464796	-0,062	0,306
CHR3	5194637	CHR3:5194637	SSF x Far_LoA	-9,80572407	-0,108	0,299
CHR3	5199030	CHR3:5199030	SSF x Far_LoA	-9,88727615	-0,090	0,286
CHR3	5205396	CHR3:5205396	SSF x Far_LoA	-9,2280764	-0,120	0,299
CHR3	5205401	CHR3:5205401	SSF x Far_LoA	-11,9024293	0,026	0,312
CHR3	5205468	CHR3:5205468	SSF x Far_LoA	-11,9476691	-0,064	0,300
CHR3	5205469	CHR3:5205469	SSF x Far_LoA	-6,86945399	0,142	0,293
CHR3	5205471	CHR3:5205471	SSF x Far_LoA	-2,10406516	0,159	0,306
CHR3	5205474	CHR3:5205474	SSF x Far_LoA	-4,17080356	-0,147	0,306
CHR3	5205497	CHR3:5205497	SSF x Far_LoA	-9,19598569	-0,008	0,321

CHR3	5206034	CHR3:5206034	SSF x Far_LoA	-4,3841824	0,170	0,318
CHR3	5206091	CHR3:5206091	SSF x Far_LoA	-9,59591934	0,003	0,305
CHR3	5206096	CHR3:5206096	SSF x Far_LoA	-9,24220449	0,093	0,296
CHR3	5231551	CHR3:5231551	SSF x Far_LoA	-10,4189272	-0,057	0,309
CHR3	5231649	CHR3:5231649	SSF x Far_LoA	-2,38087897	-0,163	0,304
CHR3	5231653	CHR3:5231653	SSF x Far_LoA	-11,4273845	-0,009	0,316
CHR3	5231734	CHR3:5231734	SSF x Far_LoA	-7,24544251	0,179	0,292
CHR3	5231806	CHR3:5231806	SSF x Far_LoA	-9,85066016	-0,019	0,303
CHR3	5231834	CHR3:5231834	SSF x Far_LoA	-11,4372347	-0,060	0,292
CHR3	5231889	CHR3:5231889	SSF x Far_LoA	-9,5750514	-0,104	0,299
CHR3	5235005	CHR3:5235005	SSF x Far_LoA	-9,28675696	0,129	0,298
CHR3	5235143	CHR3:5235143	SSF x Far_LoA	-11,3809762	-0,049	0,298
CHR3	5235249	CHR3:5235249	SSF x Far_LoA	-10,1317984	0,043	0,307
CHR3	5235380	CHR3:5235380	SSF x Far_LoA	-11,063474	0,011	0,303
CHR3	5242390	CHR3:5242390	SSF x Far_LoA	-4,74996248	-0,206	0,303
CHR3	5242445	CHR3:5242445	SSF x Far_LoA	-9,31020403	0,016	0,306
CHR3	5242461	CHR3:5242461	SSF x Far_LoA	-9,07483363	0,105	0,308
CHR3	5242476	CHR3:5242476	SSF x Far_LoA	-9,31490993	0,067	0,297
CHR3	5242534	CHR3:5242534	SSF x Far_LoA	3,2357899	0,180	0,295
CHR3	5242569	CHR3:5242569	SSF x Far_LoA	-10,4510918	0,039	0,307
CHR3	5242628	CHR3:5242628	SSF x Far_LoA	-10,835408	-0,018	0,302
CHR3	5242663	CHR3:5242663	SSF x Far_LoA	-6,49469425	0,076	0,313
CHR3	5246511	CHR3:5246511	SSF x Far_LoA	-10,1058292	0,025	0,304
CHR3	5246512	CHR3:5246512	SSF x Far_LoA	-9,00901224	0,059	0,314
CHR3	5246706	CHR3:5246706	SSF x Far_LoA	-10,4987381	-0,102	0,314
CHR3	5254455	CHR3:5254455	SSF x Far_LoA	-7,95067919	-0,033	0,305
CHR3	5264497	CHR3:5264497	SSF x Far_LoA	-9,25059523	-0,043	0,306
CHR3	5264710	CHR3:5264710	SSF x Far_LoA	-10,6514505	0,100	0,284
CHR3	5264849	CHR3:5264849	SSF x Far_LoA	-8,02654635	-0,146	0,315
CHR3	5267928	CHR3:5267928	SSF x Far_LoA	-8,41522775	-0,052	0,304
CHR3	5268034	CHR3:5268034	SSF x Far_LoA	-8,11737103	-0,022	0,311
CHR3	5268038	CHR3:5268038	SSF x Far_LoA	-9,37229602	-0,047	0,314
CHR3	5279462	CHR3:5279462	SSF x Far_LoA	-10,8497767	0,036	0,315
CHR3	5282301	CHR3:5282301	SSF x Far_LoA	-9,21127935	0,118	0,316
CHR3	5282325	CHR3:5282325	SSF x Far_LoA	-9,45731394	-0,124	0,322
CHR3	5282329	CHR3:5282329	SSF x Far_LoA	-8,31282306	-0,042	0,316
CHR3	5284324	CHR3:5284324	SSF x Far_LoA	-6,88918433	-0,013	0,313
CHR3	5295822	CHR3:5295822	SSF x Far_LoA	-10,5894504	0,020	0,298
CHR3	5295864	CHR3:5295864	SSF x Far_LoA	-10,5521768	0,030	0,307
CHR3	531303	CHR3:531303	SSF x Far_LoA	-5,65851966	-0,202	0,304
CHR3	531433	CHR3:531433	SSF x Far_LoA	-6,27275831	0,188	0,303
CHR3	531443	CHR3:531443	SSF x Far_LoA	-8,26411527	-0,151	0,306
CHR3	531473	CHR3:531473	SSF x Far_LoA	-7,97481837	-0,130	0,308
CHR3	5327292	CHR3:5327292	SSF x Far_LoA	-8,85876334	0,060	0,308
CHR3	5327294	CHR3:5327294	SSF x Far_LoA	-10,8224528	0,096	0,298
CHR3	5327295	CHR3:5327295	SSF x Far_LoA	-9,59726961	-0,075	0,311
CHR3	5327369	CHR3:5327369	SSF x Far_LoA	-1,14713679	-0,005	0,319
CHR3	5327374	CHR3:5327374	SSF x Far_LoA	-11,7806361	0,031	0,291
CHR3	5327432	CHR3:5327432	SSF x Far_LoA	-2,99719563	0,053	0,317
CHR3	5339093	CHR3:5339093	SSF x Far_LoA	-12,0136152	-0,066	0,294
CHR3	5339152	CHR3:5339152	SSF x Far_LoA	-9,42219965	0,158	0,294
CHR3	5339171	CHR3:5339171	SSF x Far_LoA	-11,1882255	-0,098	0,291
CHR3	5341487	CHR3:5341487	SSF x Far_LoA	-9,98292819	0,013	0,304

CHR3	5341553	CHR3:5341553	SSF x Far_LoA	-10,2690545	-0,042	0,310
CHR3	5341561	CHR3:5341561	SSF x Far_LoA	-8,84710039	0,047	0,310
CHR3	5341566	CHR3:5341566	SSF x Far_LoA	-7,21960996	0,126	0,313
CHR3	5341577	CHR3:5341577	SSF x Far_LoA	-9,20156564	-0,014	0,306
CHR3	5341604	CHR3:5341604	SSF x Far_LoA	-10,3326681	-0,055	0,315
CHR3	5341629	CHR3:5341629	SSF x Far_LoA	-8,85215873	-0,043	0,309
CHR3	5341770	CHR3:5341770	SSF x Far_LoA	-11,3442792	-0,072	0,307
CHR3	5351224	CHR3:5351224	SSF x Far_LoA	-6,82560166	0,027	0,296
CHR3	5351354	CHR3:5351354	SSF x Far_LoA	-9,85611156	-0,057	0,306
CHR3	5356193	CHR3:5356193	SSF x Far_LoA	-12,1424433	-0,038	0,301
CHR3	5356323	CHR3:5356323	SSF x Far_LoA	-10,7568298	-0,061	0,303
CHR3	5356386	CHR3:5356386	SSF x Far_LoA	-11,0238357	-0,088	0,309
CHR3	536131	CHR3:536131	SSF x Far_LoA	-11,361153	0,032	0,302
CHR3	5364025	CHR3:5364025	SSF x Far_LoA	-8,65685901	0,077	0,298
CHR3	5411003	CHR3:5411003	SSF x Far_LoA	-12,0339287	0,052	0,309
CHR3	5411044	CHR3:5411044	SSF x Far_LoA	-9,26741287	0,085	0,294
CHR3	545400	CHR3:545400	SSF x Far_LoA	-10,0393366	-0,115	0,303
CHR3	5461502	CHR3:5461502	SSF x Far_LoA	-10,6180361	-0,042	0,313
CHR3	5461544	CHR3:5461544	SSF x Far_LoA	-10,8377425	0,027	0,300
CHR3	5461567	CHR3:5461567	SSF x Far_LoA	-9,42699163	0,171	0,295
CHR3	5461614	CHR3:5461614	SSF x Far_LoA	-8,78655754	-0,088	0,295
CHR3	5461615	CHR3:5461615	SSF x Far_LoA	-6,95568152	-0,150	0,310
CHR3	5470994	CHR3:5470994	SSF x Far_LoA	-10,802042	-0,063	0,314
CHR3	5471014	CHR3:5471014	SSF x Far_LoA	-6,64724664	0,035	0,302
CHR3	5471019	CHR3:5471019	SSF x Far_LoA	-10,7144793	0,059	0,321
CHR3	5471057	CHR3:5471057	SSF x Far_LoA	-10,0806722	0,003	0,297
CHR3	5471067	CHR3:5471067	SSF x Far_LoA	-9,45289774	0,056	0,307
CHR3	5471074	CHR3:5471074	SSF x Far_LoA	-9,58458057	-0,079	0,302
CHR3	5471079	CHR3:5471079	SSF x Far_LoA	-9,17206517	0,084	0,302
CHR3	5471139	CHR3:5471139	SSF x Far_LoA	-8,97285725	-0,081	0,309
CHR3	5478594	CHR3:5478594	SSF x Far_LoA	-9,40220196	0,052	0,312
CHR3	5493596	CHR3:5493596	SSF x Far_LoA	-8,86356161	-0,059	0,314
CHR3	5493650	CHR3:5493650	SSF x Far_LoA	-11,2011031	0,052	0,302
CHR3	5496390	CHR3:5496390	SSF x Far_LoA	-12,2524938	0,051	0,304
CHR3	5496419	CHR3:5496419	SSF x Far_LoA	-10,5294584	0,017	0,293
CHR3	5496440	CHR3:5496440	SSF x Far_LoA	-7,76048498	0,132	0,298
CHR3	5496502	CHR3:5496502	SSF x Far_LoA	-10,6101333	0,014	0,293
CHR3	5496505	CHR3:5496505	SSF x Far_LoA	-10,1898884	0,037	0,315
CHR3	5496600	CHR3:5496600	SSF x Far_LoA	-10,2606828	0,018	0,302
CHR3	5500050	CHR3:5500050	SSF x Far_LoA	-8,2802303	0,043	0,311
CHR3	5500056	CHR3:5500056	SSF x Far_LoA	-7,1537837	-0,018	0,318
CHR3	5500114	CHR3:5500114	SSF x Far_LoA	-7,82548138	0,122	0,299
CHR3	5501640	CHR3:5501640	SSF x Far_LoA	-6,08727552	-0,069	0,316
CHR3	5509840	CHR3:5509840	SSF x Far_LoA	-6,23747446	-0,026	0,303
CHR3	5509871	CHR3:5509871	SSF x Far_LoA	-8,80902106	0,013	0,329
CHR3	5509892	CHR3:5509892	SSF x Far_LoA	-9,46272114	0,059	0,319
CHR3	5509948	CHR3:5509948	SSF x Far_LoA	-9,14231479	-0,082	0,311
CHR3	5509950	CHR3:5509950	SSF x Far_LoA	-10,3239158	0,018	0,310
CHR3	5509996	CHR3:5509996	SSF x Far_LoA	-9,52049701	0,032	0,332
CHR3	5510019	CHR3:5510019	SSF x Far_LoA	-9,67999636	0,031	0,325
CHR3	5510020	CHR3:5510020	SSF x Far_LoA	-9,60148587	0,029	0,302
CHR3	5510074	CHR3:5510074	SSF x Far_LoA	-5,34665355	0,052	0,315
CHR3	5517668	CHR3:5517668	SSF x Far_LoA	-10,4419333	-0,117	0,315

CHR3	5517738	CHR3:5517738	SSF x Far_LoA	-8,80615598	-0,075	0,313
CHR3	5526258	CHR3:5526258	SSF x Far_LoA	-10,5520193	0,079	0,306
CHR3	5526350	CHR3:5526350	SSF x Far_LoA	-8,87237919	0,087	0,318
CHR3	5526403	CHR3:5526403	SSF x Far_LoA	-7,82939089	0,124	0,293
CHR3	5528473	CHR3:5528473	SSF x Far_LoA	-11,8671908	-0,044	0,302
CHR3	5528773	CHR3:5528773	SSF x Far_LoA	-10,984695	0,051	0,317
CHR3	5528784	CHR3:5528784	SSF x Far_LoA	-10,030081	-0,028	0,297
CHR3	5533754	CHR3:5533754	SSF x Far_LoA	-3,18202366	0,007	0,298
CHR3	5538562	CHR3:5538562	SSF x Far_LoA	-8,57014993	-0,024	0,302
CHR3	5538593	CHR3:5538593	SSF x Far_LoA	-10,585544	0,012	0,312
CHR3	5538642	CHR3:5538642	SSF x Far_LoA	-10,8823561	-0,023	0,316
CHR3	5538784	CHR3:5538784	SSF x Far_LoA	-10,4407071	0,024	0,298
CHR3	555136	CHR3:555136	SSF x Far_LoA	-10,4128481	-0,099	0,297
CHR3	555194	CHR3:555194	SSF x Far_LoA	-11,0595795	-0,052	0,303
CHR3	5556206	CHR3:5556206	SSF x Far_LoA	-10,2007489	-0,006	0,309
CHR3	5556220	CHR3:5556220	SSF x Far_LoA	-10,0781266	-0,057	0,302
CHR3	5556224	CHR3:5556224	SSF x Far_LoA	-10,7942562	-0,017	0,309
CHR3	5556295	CHR3:5556295	SSF x Far_LoA	-9,33840393	-0,044	0,316
CHR3	5556351	CHR3:5556351	SSF x Far_LoA	-8,22572065	-0,096	0,317
CHR3	5556366	CHR3:5556366	SSF x Far_LoA	-8,41259025	-0,022	0,318
CHR3	5556383	CHR3:5556383	SSF x Far_LoA	-10,0083283	-0,111	0,319
CHR3	5556405	CHR3:5556405	SSF x Far_LoA	-7,22190319	-0,177	0,298
CHR3	5556410	CHR3:5556410	SSF x Far_LoA	-9,25625169	0,019	0,302
CHR3	556621	CHR3:556621	SSF x Far_LoA	-10,8176779	-0,068	0,299
CHR3	556724	CHR3:556724	SSF x Far_LoA	-10,3491113	0,000	0,296
CHR3	5567907	CHR3:5567907	SSF x Far_LoA	-11,4836262	-0,030	0,294
CHR3	5567959	CHR3:5567959	SSF x Far_LoA	-7,90793608	0,063	0,309
CHR3	5568026	CHR3:5568026	SSF x Far_LoA	-8,66393358	0,005	0,316
CHR3	556805	CHR3:556805	SSF x Far_LoA	-7,80576997	0,037	0,312
CHR3	5568056	CHR3:5568056	SSF x Far_LoA	-10,5633924	0,027	0,312
CHR3	556842	CHR3:556842	SSF x Far_LoA	-9,83294533	-0,110	0,305
CHR3	5571542	CHR3:5571542	SSF x Far_LoA	-9,02590789	-0,059	0,308
CHR3	5571576	CHR3:5571576	SSF x Far_LoA	-10,3730147	0,011	0,314
CHR3	5571577	CHR3:5571577	SSF x Far_LoA	-7,80737611	0,040	0,323
CHR3	5571648	CHR3:5571648	SSF x Far_LoA	-7,40171137	-0,167	0,301
CHR3	5571672	CHR3:5571672	SSF x Far_LoA	-11,0229245	0,042	0,297
CHR3	5571683	CHR3:5571683	SSF x Far_LoA	-10,6629563	-0,120	0,304
CHR3	5571700	CHR3:5571700	SSF x Far_LoA	-10,2400888	-0,116	0,292
CHR3	5571755	CHR3:5571755	SSF x Far_LoA	-10,0030796	0,144	0,300
CHR3	5576577	CHR3:5576577	SSF x Far_LoA	-9,39807613	0,034	0,320
CHR3	5576615	CHR3:5576615	SSF x Far_LoA	-9,02161821	0,071	0,307
CHR3	5576707	CHR3:5576707	SSF x Far_LoA	-8,87111285	-0,100	0,300
CHR3	5578092	CHR3:5578092	SSF x Far_LoA	-2,7657637	-0,072	0,314
CHR3	5578186	CHR3:5578186	SSF x Far_LoA	-7,91822428	-0,079	0,304
CHR3	5578197	CHR3:5578197	SSF x Far_LoA	-9,78764721	0,005	0,321
CHR3	5578248	CHR3:5578248	SSF x Far_LoA	-7,57548163	-0,039	0,304
CHR3	5578282	CHR3:5578282	SSF x Far_LoA	-10,0261956	0,084	0,301
CHR3	5578304	CHR3:5578304	SSF x Far_LoA	-11,4269827	0,055	0,288
CHR3	5598270	CHR3:5598270	SSF x Far_LoA	-9,4698044	-0,157	0,302
CHR3	5598325	CHR3:5598325	SSF x Far_LoA	-8,07918537	-0,162	0,301
CHR3	5601990	CHR3:5601990	SSF x Far_LoA	-8,29826736	-0,034	0,299
CHR3	5606944	CHR3:5606944	SSF x Far_LoA	-4,61013893	-0,100	0,319
CHR3	5606972	CHR3:5606972	SSF x Far_LoA	-9,39871688	0,114	0,299

CHR3	5606974	CHR3:5606974	SSF x Far_LoA	-10,809539	0,048	0,302
CHR3	5606984	CHR3:5606984	SSF x Far_LoA	-7,90883384	0,060	0,312
CHR3	5606997	CHR3:5606997	SSF x Far_LoA	-9,81357479	0,052	0,310
CHR3	5607021	CHR3:5607021	SSF x Far_LoA	-7,26682244	-0,095	0,304
CHR3	5607027	CHR3:5607027	SSF x Far_LoA	-8,13019208	0,070	0,309
CHR3	5607043	CHR3:5607043	SSF x Far_LoA	-7,50402175	0,058	0,301
CHR3	5607073	CHR3:5607073	SSF x Far_LoA	-10,2437994	-0,006	0,299
CHR3	5607152	CHR3:5607152	SSF x Far_LoA	1,31192822	0,065	0,329
CHR3	5607176	CHR3:5607176	SSF x Far_LoA	-10,7751128	-0,085	0,285
CHR3	5607180	CHR3:5607180	SSF x Far_LoA	-9,66650553	0,008	0,308
CHR3	5614294	CHR3:5614294	SSF x Far_LoA	-9,20197272	0,069	0,311
CHR3	5614355	CHR3:5614355	SSF x Far_LoA	-8,44490117	0,111	0,295
CHR3	5619545	CHR3:5619545	SSF x Far_LoA	-9,71097191	0,080	0,317
CHR3	5619624	CHR3:5619624	SSF x Far_LoA	-9,55330682	-0,012	0,305
CHR3	5623065	CHR3:5623065	SSF x Far_LoA	-9,8156341	-0,098	0,297
CHR3	5623094	CHR3:5623094	SSF x Far_LoA	-11,7738004	0,024	0,293
CHR3	5623141	CHR3:5623141	SSF x Far_LoA	-9,15886629	-0,039	0,292
CHR3	5638064	CHR3:5638064	SSF x Far_LoA	-10,1434054	-0,064	0,307
CHR3	5638069	CHR3:5638069	SSF x Far_LoA	-10,8544277	-0,074	0,300
CHR3	5638178	CHR3:5638178	SSF x Far_LoA	-10,3408281	0,110	0,305
CHR3	5638244	CHR3:5638244	SSF x Far_LoA	-8,37915542	-0,042	0,301
CHR3	5638251	CHR3:5638251	SSF x Far_LoA	-9,1048547	0,086	0,312
CHR3	5638288	CHR3:5638288	SSF x Far_LoA	-7,96254908	-0,051	0,305
CHR3	5638320	CHR3:5638320	SSF x Far_LoA	-8,35952535	-0,069	0,308
CHR3	564213	CHR3:564213	SSF x Far_LoA	-11,931148	0,017	0,293
CHR3	564294	CHR3:564294	SSF x Far_LoA	-9,63081643	-0,044	0,308
CHR3	564315	CHR3:564315	SSF x Far_LoA	-10,2146601	-0,017	0,303
CHR3	5645863	CHR3:5645863	SSF x Far_LoA	-9,44261452	-0,008	0,312
CHR3	5648091	CHR3:5648091	SSF x Far_LoA	-10,3090042	-0,102	0,311
CHR3	5661179	CHR3:5661179	SSF x Far_LoA	-12,0140442	0,102	0,293
CHR3	5661200	CHR3:5661200	SSF x Far_LoA	-6,80434909	-0,014	0,320
CHR3	5661202	CHR3:5661202	SSF x Far_LoA	-7,74948163	0,115	0,291
CHR3	5672039	CHR3:5672039	SSF x Far_LoA	-10,0629979	-0,011	0,291
CHR3	5672048	CHR3:5672048	SSF x Far_LoA	-8,86121213	-0,044	0,294
CHR3	5672222	CHR3:5672222	SSF x Far_LoA	-8,07594197	-0,055	0,306
CHR3	5688165	CHR3:5688165	SSF x Far_LoA	-10,1980103	0,042	0,304
CHR3	5688233	CHR3:5688233	SSF x Far_LoA	-8,41694574	0,031	0,300
CHR3	5688292	CHR3:5688292	SSF x Far_LoA	-7,39490445	-0,134	0,300
CHR3	5689134	CHR3:5689134	SSF x Far_LoA	-9,36269863	-0,031	0,307
CHR3	5689138	CHR3:5689138	SSF x Far_LoA	-7,92294086	-0,004	0,303
CHR3	5692500	CHR3:5692500	SSF x Far_LoA	-10,0607698	0,147	0,278
CHR3	5703565	CHR3:5703565	SSF x Far_LoA	-9,34439011	0,036	0,305
CHR3	5711293	CHR3:5711293	SSF x Far_LoA	-8,7941917	0,089	0,293
CHR3	5711786	CHR3:5711786	SSF x Far_LoA	-8,61968285	0,086	0,311
CHR3	5711887	CHR3:5711887	SSF x Far_LoA	-9,59691304	-0,001	0,298
CHR3	571934	CHR3:571934	SSF x Far_LoA	-10,9589603	-0,133	0,302
CHR3	5734198	CHR3:5734198	SSF x Far_LoA	2,16045536	0,101	0,302
CHR3	5737358	CHR3:5737358	SSF x Far_LoA	-10,2098404	-0,021	0,303
CHR3	5740408	CHR3:5740408	SSF x Far_LoA	-5,355889	-0,041	0,312
CHR3	5740486	CHR3:5740486	SSF x Far_LoA	-5,70543074	0,064	0,303
CHR3	5740496	CHR3:5740496	SSF x Far_LoA	-7,48199006	0,101	0,305
CHR3	5740517	CHR3:5740517	SSF x Far_LoA	-8,30206558	0,055	0,316
CHR3	5746460	CHR3:5746460	SSF x Far_LoA	-7,2493324	-0,063	0,304

CHR3	5746617	CHR3:5746617	SSF x Far_LoA	-11,7354115	-0,063	0,301
CHR3	5748897	CHR3:5748897	SSF x Far_LoA	-8,36832706	0,088	0,304
CHR3	5748908	CHR3:5748908	SSF x Far_LoA	-4,50085948	0,061	0,320
CHR3	5749416	CHR3:5749416	SSF x Far_LoA	-4,92650538	-0,016	0,306
CHR3	5749417	CHR3:5749417	SSF x Far_LoA	-11,1314571	0,054	0,293
CHR3	5755175	CHR3:5755175	SSF x Far_LoA	-7,70598431	0,015	0,316
CHR3	5755440	CHR3:5755440	SSF x Far_LoA	-9,7036647	0,051	0,296
CHR3	5764657	CHR3:5764657	SSF x Far_LoA	-9,67260742	-0,064	0,304
CHR3	5764672	CHR3:5764672	SSF x Far_LoA	-9,64936592	-0,100	0,309
CHR3	5764712	CHR3:5764712	SSF x Far_LoA	-9,86461529	-0,051	0,313
CHR3	5764729	CHR3:5764729	SSF x Far_LoA	-11,9751464	0,027	0,299
CHR3	5764736	CHR3:5764736	SSF x Far_LoA	-9,39949347	-0,059	0,318
CHR3	5764921	CHR3:5764921	SSF x Far_LoA	-11,0772407	-0,011	0,315
CHR3	5768900	CHR3:5768900	SSF x Far_LoA	-11,8971869	-0,035	0,304
CHR3	5768987	CHR3:5768987	SSF x Far_LoA	-11,4438304	0,033	0,313
CHR3	5769030	CHR3:5769030	SSF x Far_LoA	-10,8919992	-0,010	0,317
CHR3	5769053	CHR3:5769053	SSF x Far_LoA	-7,76622264	0,128	0,305
CHR3	5769065	CHR3:5769065	SSF x Far_LoA	-5,92129744	0,011	0,310
CHR3	5769103	CHR3:5769103	SSF x Far_LoA	-10,0375552	-0,070	0,308
CHR3	5769109	CHR3:5769109	SSF x Far_LoA	-9,99376577	-0,065	0,313
CHR3	5769118	CHR3:5769118	SSF x Far_LoA	-3,29707228	-0,129	0,302
CHR3	5770989	CHR3:5770989	SSF x Far_LoA	-11,0598125	-0,052	0,301
CHR3	5771025	CHR3:5771025	SSF x Far_LoA	-10,0699057	0,122	0,317
CHR3	5774100	CHR3:5774100	SSF x Far_LoA	-10,7862449	0,070	0,306
CHR3	5774133	CHR3:5774133	SSF x Far_LoA	-8,69682781	-0,004	0,306
CHR3	5774275	CHR3:5774275	SSF x Far_LoA	-11,5765854	0,043	0,318
CHR3	5774314	CHR3:5774314	SSF x Far_LoA	-9,19637485	0,104	0,299
CHR3	5774404	CHR3:5774404	SSF x Far_LoA	-9,37384812	0,114	0,304
CHR3	5785692	CHR3:5785692	SSF x Far_LoA	-8,83070122	-0,067	0,320
CHR3	5785738	CHR3:5785738	SSF x Far_LoA	-10,7176403	0,011	0,298
CHR3	5785990	CHR3:5785990	SSF x Far_LoA	-8,39105134	-0,006	0,298
CHR3	5790065	CHR3:5790065	SSF x Far_LoA	-11,1542764	0,164	0,279
CHR3	5790078	CHR3:5790078	SSF x Far_LoA	-8,5362059	-0,057	0,309
CHR3	5790159	CHR3:5790159	SSF x Far_LoA	-9,94062212	-0,117	0,300
CHR3	5808250	CHR3:5808250	SSF x Far_LoA	-9,4948256	0,005	0,318
CHR3	5808397	CHR3:5808397	SSF x Far_LoA	-8,47793568	0,126	0,296
CHR3	5816527	CHR3:5816527	SSF x Far_LoA	-7,42058069	0,109	0,302
CHR3	5817414	CHR3:5817414	SSF x Far_LoA	-6,72789424	0,058	0,306
CHR3	5817418	CHR3:5817418	SSF x Far_LoA	-8,84783691	0,027	0,308
CHR3	5817463	CHR3:5817463	SSF x Far_LoA	-7,85185183	0,066	0,293
CHR3	5817509	CHR3:5817509	SSF x Far_LoA	-7,19372391	0,039	0,308
CHR3	5817567	CHR3:5817567	SSF x Far_LoA	-7,38908858	-0,186	0,303
CHR3	5817569	CHR3:5817569	SSF x Far_LoA	-7,65630685	0,141	0,295
CHR3	5828291	CHR3:5828291	SSF x Far_LoA	-9,93032023	0,034	0,326
CHR3	5837111	CHR3:5837111	SSF x Far_LoA	-7,82585443	-0,103	0,302
CHR3	5837126	CHR3:5837126	SSF x Far_LoA	-8,95314783	-0,136	0,290
CHR3	5837131	CHR3:5837131	SSF x Far_LoA	-9,57250595	-0,061	0,288
CHR3	5837173	CHR3:5837173	SSF x Far_LoA	-8,77302608	-0,043	0,303
CHR3	5837232	CHR3:5837232	SSF x Far_LoA	-9,65412235	-0,082	0,307
CHR3	5840361	CHR3:5840361	SSF x Far_LoA	-10,8069757	0,021	0,300
CHR3	5840577	CHR3:5840577	SSF x Far_LoA	-10,5140983	0,134	0,297
CHR3	5844137	CHR3:5844137	SSF x Far_LoA	-8,99415555	-0,049	0,307
CHR3	5844161	CHR3:5844161	SSF x Far_LoA	-6,7931325	-0,078	0,280

CHR3	5844197	CHR3:5844197	SSF x Far_LoA	-6,43832869	-0,178	0,290
CHR3	5844199	CHR3:5844199	SSF x Far_LoA	-9,64471288	0,006	0,280
CHR3	5844219	CHR3:5844219	SSF x Far_LoA	-7,28468919	0,173	0,301
CHR3	5844264	CHR3:5844264	SSF x Far_LoA	-7,43479474	0,118	0,297
CHR3	5851146	CHR3:5851146	SSF x Far_LoA	-7,56744687	-0,022	0,307
CHR3	5851226	CHR3:5851226	SSF x Far_LoA	-11,9387461	-0,063	0,313
CHR3	5853685	CHR3:5853685	SSF x Far_LoA	-9,1389444	0,094	0,307
CHR3	5853743	CHR3:5853743	SSF x Far_LoA	-10,6502421	-0,001	0,296
CHR3	5857529	CHR3:5857529	SSF x Far_LoA	-10,2073321	-0,026	0,308
CHR3	5878893	CHR3:5878893	SSF x Far_LoA	-8,88863274	-0,052	0,304
CHR3	5878911	CHR3:5878911	SSF x Far_LoA	-10,2952684	-0,082	0,300
CHR3	5880046	CHR3:5880046	SSF x Far_LoA	-10,0013965	-0,035	0,315
CHR3	588372	CHR3:588372	SSF x Far_LoA	-7,15846182	-0,058	0,312
CHR3	588401	CHR3:588401	SSF x Far_LoA	-9,80994257	-0,081	0,303
CHR3	5900201	CHR3:5900201	SSF x Far_LoA	-10,0565939	-0,140	0,304
CHR3	5908986	CHR3:5908986	SSF x Far_LoA	-6,91044642	-0,132	0,307
CHR3	5912450	CHR3:5912450	SSF x Far_LoA	-9,36661025	-0,098	0,309
CHR3	5912564	CHR3:5912564	SSF x Far_LoA	-9,38547892	0,010	0,324
CHR3	5912630	CHR3:5912630	SSF x Far_LoA	-9,3358842	0,043	0,302
CHR3	5916853	CHR3:5916853	SSF x Far_LoA	-9,10202357	0,089	0,303
CHR3	5916908	CHR3:5916908	SSF x Far_LoA	-10,7173802	-0,025	0,299
CHR3	5924654	CHR3:5924654	SSF x Far_LoA	-10,4841985	-0,004	0,296
CHR3	5924719	CHR3:5924719	SSF x Far_LoA	-8,71344084	-0,060	0,307
CHR3	5924739	CHR3:5924739	SSF x Far_LoA	-8,16415321	-0,037	0,305
CHR3	5931507	CHR3:5931507	SSF x Far_LoA	-9,64063841	-0,101	0,295
CHR3	5931570	CHR3:5931570	SSF x Far_LoA	-8,18311349	0,110	0,314
CHR3	5931755	CHR3:5931755	SSF x Far_LoA	-7,97594936	0,089	0,298
CHR3	5931798	CHR3:5931798	SSF x Far_LoA	-8,4848854	-0,054	0,307
CHR3	5937528	CHR3:5937528	SSF x Far_LoA	-9,80281347	-0,122	0,299
CHR3	5939287	CHR3:5939287	SSF x Far_LoA	-10,6707789	0,024	0,300
CHR3	5942084	CHR3:5942084	SSF x Far_LoA	-8,39485685	0,066	0,291
CHR3	5942091	CHR3:5942091	SSF x Far_LoA	-10,6834454	-0,076	0,304
CHR3	5942137	CHR3:5942137	SSF x Far_LoA	-11,8881535	-0,061	0,297
CHR3	5942198	CHR3:5942198	SSF x Far_LoA	-9,8589786	0,020	0,302
CHR3	5942235	CHR3:5942235	SSF x Far_LoA	-5,42403996	-0,104	0,290
CHR3	5942265	CHR3:5942265	SSF x Far_LoA	-8,0937458	0,030	0,305
CHR3	5954472	CHR3:5954472	SSF x Far_LoA	-11,1720718	0,123	0,295
CHR3	5958735	CHR3:5958735	SSF x Far_LoA	-8,16803913	0,095	0,298
CHR3	5958784	CHR3:5958784	SSF x Far_LoA	-10,9843873	-0,138	0,305
CHR3	5958899	CHR3:5958899	SSF x Far_LoA	-11,2746651	-0,016	0,317
CHR3	5958933	CHR3:5958933	SSF x Far_LoA	-9,96092672	-0,077	0,293
CHR3	5958942	CHR3:5958942	SSF x Far_LoA	-7,52499802	0,035	0,311
CHR3	5962710	CHR3:5962710	SSF x Far_LoA	-6,66621099	0,065	0,309
CHR3	5962761	CHR3:5962761	SSF x Far_LoA	-10,5673575	0,065	0,302
CHR3	5962792	CHR3:5962792	SSF x Far_LoA	-9,08369617	0,092	0,301
CHR3	5962848	CHR3:5962848	SSF x Far_LoA	-8,88321818	-0,100	0,297
CHR3	5962858	CHR3:5962858	SSF x Far_LoA	-7,95396632	-0,136	0,300
CHR3	596503	CHR3:596503	SSF x Far_LoA	-6,63323647	-0,152	0,308
CHR3	596568	CHR3:596568	SSF x Far_LoA	-8,07410236	0,178	0,311
CHR3	596580	CHR3:596580	SSF x Far_LoA	-5,31195846	-0,012	0,311
CHR3	597363	CHR3:597363	SSF x Far_LoA	-9,07986191	-0,026	0,312
CHR3	597370	CHR3:597370	SSF x Far_LoA	-8,80412676	0,061	0,304
CHR3	597381	CHR3:597381	SSF x Far_LoA	-9,0212483	0,004	0,312

CHR3	5978921	CHR3:5978921	SSF x Far_LoA	-10,239617	-0,052	0,315
CHR3	5983041	CHR3:5983041	SSF x Far_LoA	-10,7541727	-0,117	0,305
CHR3	5983147	CHR3:5983147	SSF x Far_LoA	-5,00538017	0,156	0,302
CHR3	5983196	CHR3:5983196	SSF x Far_LoA	-8,3986241	0,028	0,312
CHR3	5984348	CHR3:5984348	SSF x Far_LoA	-6,6774971	-0,114	0,298
CHR3	5995759	CHR3:5995759	SSF x Far_LoA	-10,1894971	0,116	0,312
CHR3	5995789	CHR3:5995789	SSF x Far_LoA	-10,6628441	0,033	0,308
CHR3	5995909	CHR3:5995909	SSF x Far_LoA	-7,23765593	-0,121	0,302
CHR3	6007500	CHR3:6007500	SSF x Far_LoA	-7,9376272	-0,070	0,314
CHR3	6007596	CHR3:6007596	SSF x Far_LoA	-9,55758104	-0,067	0,317
CHR3	6009501	CHR3:6009501	SSF x Far_LoA	-10,9255692	-0,107	0,303
CHR3	6012204	CHR3:6012204	SSF x Far_LoA	-8,95678622	-0,100	0,306
CHR3	6012279	CHR3:6012279	SSF x Far_LoA	-9,92108247	-0,044	0,307
CHR3	6012297	CHR3:6012297	SSF x Far_LoA	-8,00122197	-0,076	0,302
CHR3	6012336	CHR3:6012336	SSF x Far_LoA	-9,57602781	-0,012	0,310
CHR3	6013313	CHR3:6013313	SSF x Far_LoA	-10,2277974	0,000	0,296
CHR3	6013325	CHR3:6013325	SSF x Far_LoA	-11,2743859	0,022	0,305
CHR3	6013355	CHR3:6013355	SSF x Far_LoA	-9,29439647	-0,059	0,304
CHR3	606650	CHR3:606650	SSF x Far_LoA	-10,4912908	-0,135	0,293
CHR3	6066703	CHR3:6066703	SSF x Far_LoA	-8,6560168	0,071	0,307
CHR3	6066711	CHR3:6066711	SSF x Far_LoA	-8,86923788	0,055	0,318
CHR3	6066805	CHR3:6066805	SSF x Far_LoA	-8,5694103	0,066	0,298
CHR3	6066817	CHR3:6066817	SSF x Far_LoA	-12,4237098	0,071	0,301
CHR3	6066879	CHR3:6066879	SSF x Far_LoA	-7,98571786	0,134	0,291
CHR3	6066962	CHR3:6066962	SSF x Far_LoA	-8,69854009	-0,094	0,288
CHR3	6067002	CHR3:6067002	SSF x Far_LoA	-8,23877154	0,049	0,312
CHR3	6091820	CHR3:6091820	SSF x Far_LoA	-9,92655037	-0,055	0,309
CHR3	6099148	CHR3:6099148	SSF x Far_LoA	-2,74590041	-0,099	0,317
CHR3	6099205	CHR3:6099205	SSF x Far_LoA	-7,72378477	-0,111	0,310
CHR3	6099231	CHR3:6099231	SSF x Far_LoA	-9,41093721	0,031	0,307
CHR3	6099237	CHR3:6099237	SSF x Far_LoA	-10,5429701	0,048	0,297
CHR3	6100974	CHR3:6100974	SSF x Far_LoA	-12,1779448	0,027	0,290
CHR3	6101014	CHR3:6101014	SSF x Far_LoA	-8,32674701	0,075	0,312
CHR3	6120960	CHR3:6120960	SSF x Far_LoA	-6,87794698	0,148	0,303
CHR3	614333	CHR3:614333	SSF x Far_LoA	-8,8021791	0,134	0,315
CHR3	614349	CHR3:614349	SSF x Far_LoA	-8,93249875	-0,032	0,298
CHR3	615513	CHR3:615513	SSF x Far_LoA	-11,0802235	-0,092	0,296
CHR3	6201010	CHR3:6201010	SSF x Far_LoA	-10,9863604	-0,024	0,312
CHR3	6205580	CHR3:6205580	SSF x Far_LoA	-10,4716771	0,114	0,302
CHR3	6209332	CHR3:6209332	SSF x Far_LoA	-7,09213951	-0,103	0,311
CHR3	6209413	CHR3:6209413	SSF x Far_LoA	-8,4100186	0,019	0,297
CHR3	6213195	CHR3:6213195	SSF x Far_LoA	-10,4200149	-0,124	0,317
CHR3	6213238	CHR3:6213238	SSF x Far_LoA	-11,5165522	-0,002	0,314
CHR3	6213273	CHR3:6213273	SSF x Far_LoA	-5,54922056	0,127	0,311
CHR3	6213295	CHR3:6213295	SSF x Far_LoA	-9,00253551	-0,045	0,308
CHR3	6223113	CHR3:6223113	SSF x Far_LoA	-8,62875319	0,153	0,294
CHR3	6225866	CHR3:6225866	SSF x Far_LoA	-11,1560505	0,028	0,313
CHR3	6225987	CHR3:6225987	SSF x Far_LoA	-11,1212932	-0,076	0,303
CHR3	6231997	CHR3:6231997	SSF x Far_LoA	-8,19122068	-0,140	0,301
CHR3	6232023	CHR3:6232023	SSF x Far_LoA	-9,7093669	0,094	0,293
CHR3	6246224	CHR3:6246224	SSF x Far_LoA	-11,6964001	-0,013	0,306
CHR3	6246481	CHR3:6246481	SSF x Far_LoA	-7,94849203	0,049	0,324
CHR3	6247446	CHR3:6247446	SSF x Far_LoA	-10,1803198	0,066	0,306

CHR3	6254007	CHR3:6254007	SSF x Far_LoA	-8,37650368	0,091	0,304
CHR3	6254017	CHR3:6254017	SSF x Far_LoA	-11,6425351	0,045	0,302
CHR3	6254022	CHR3:6254022	SSF x Far_LoA	-10,6873125	0,015	0,304
CHR3	6254113	CHR3:6254113	SSF x Far_LoA	-7,62097167	0,110	0,310
CHR3	6261807	CHR3:6261807	SSF x Far_LoA	-8,27587541	0,139	0,285
CHR3	626456	CHR3:626456	SSF x Far_LoA	-9,09084859	0,104	0,308
CHR3	626473	CHR3:626473	SSF x Far_LoA	-12,3421735	-0,003	0,301
CHR3	626534	CHR3:626534	SSF x Far_LoA	-9,05624693	-0,024	0,310
CHR3	626562	CHR3:626562	SSF x Far_LoA	-9,42341075	-0,030	0,299
CHR3	626579	CHR3:626579	SSF x Far_LoA	-8,70609304	0,075	0,306
CHR3	6277792	CHR3:6277792	SSF x Far_LoA	-10,5758953	-0,052	0,312
CHR3	6278213	CHR3:6278213	SSF x Far_LoA	-10,6383754	-0,041	0,308
CHR3	6280778	CHR3:6280778	SSF x Far_LoA	-4,45993153	-0,036	0,306
CHR3	6280802	CHR3:6280802	SSF x Far_LoA	-9,86328559	0,069	0,301
CHR3	6281354	CHR3:6281354	SSF x Far_LoA	-10,2919295	-0,030	0,312
CHR3	6281356	CHR3:6281356	SSF x Far_LoA	-9,00890482	0,095	0,296
CHR3	6281358	CHR3:6281358	SSF x Far_LoA	-11,5508088	-0,056	0,310
CHR3	6288199	CHR3:6288199	SSF x Far_LoA	-10,6208291	-0,059	0,307
CHR3	6288222	CHR3:6288222	SSF x Far_LoA	-10,6238643	-0,049	0,311
CHR3	6288258	CHR3:6288258	SSF x Far_LoA	-9,71496311	-0,038	0,313
CHR3	6301083	CHR3:6301083	SSF x Far_LoA	-6,46810122	0,007	0,312
CHR3	6301088	CHR3:6301088	SSF x Far_LoA	-10,0538417	-0,011	0,285
CHR3	6301091	CHR3:6301091	SSF x Far_LoA	-5,81259765	0,093	0,311
CHR3	6301098	CHR3:6301098	SSF x Far_LoA	-9,46739917	-0,098	0,306
CHR3	6302357	CHR3:6302357	SSF x Far_LoA	-9,07230484	-0,082	0,309
CHR3	6302382	CHR3:6302382	SSF x Far_LoA	-9,64180597	-0,134	0,304
CHR3	6302421	CHR3:6302421	SSF x Far_LoA	-9,05185026	0,062	0,296
CHR3	6302542	CHR3:6302542	SSF x Far_LoA	-10,8263562	-0,078	0,304
CHR3	6308027	CHR3:6308027	SSF x Far_LoA	-10,5026779	0,074	0,319
CHR3	630920	CHR3:630920	SSF x Far_LoA	-8,71505333	0,006	0,308
CHR3	630963	CHR3:630963	SSF x Far_LoA	-9,22646825	0,013	0,303
CHR3	630998	CHR3:630998	SSF x Far_LoA	-10,5880226	0,010	0,305
CHR3	631037	CHR3:631037	SSF x Far_LoA	-8,77946142	-0,031	0,310
CHR3	631123	CHR3:631123	SSF x Far_LoA	-1,87684876	0,051	0,303
CHR3	6311912	CHR3:6311912	SSF x Far_LoA	-8,97816952	0,093	0,302
CHR3	6311913	CHR3:6311913	SSF x Far_LoA	-7,2646202	0,091	0,314
CHR3	6311999	CHR3:6311999	SSF x Far_LoA	-9,11608698	-0,002	0,301
CHR3	6315870	CHR3:6315870	SSF x Far_LoA	-10,2963107	0,110	0,311
CHR3	6315994	CHR3:6315994	SSF x Far_LoA	-10,078735	0,038	0,307
CHR3	6331050	CHR3:6331050	SSF x Far_LoA	-6,53175667	-0,049	0,300
CHR3	6331078	CHR3:6331078	SSF x Far_LoA	-11,8004087	-0,015	0,300
CHR3	6336990	CHR3:6336990	SSF x Far_LoA	-11,5370561	0,052	0,301
CHR3	6337001	CHR3:6337001	SSF x Far_LoA	-9,88967421	-0,038	0,289
CHR3	6337002	CHR3:6337002	SSF x Far_LoA	-8,90493172	0,094	0,309
CHR3	6342704	CHR3:6342704	SSF x Far_LoA	-7,86287023	0,076	0,321
CHR3	6342713	CHR3:6342713	SSF x Far_LoA	-11,0471974	-0,062	0,305
CHR3	6342831	CHR3:6342831	SSF x Far_LoA	-11,4725186	-0,055	0,310
CHR3	6343677	CHR3:6343677	SSF x Far_LoA	-11,0527053	0,035	0,293
CHR3	6343763	CHR3:6343763	SSF x Far_LoA	-7,96486219	-0,064	0,290
CHR3	6350691	CHR3:6350691	SSF x Far_LoA	-6,90620508	-0,103	0,298
CHR3	6350731	CHR3:6350731	SSF x Far_LoA	-9,70846333	0,073	0,293
CHR3	6350742	CHR3:6350742	SSF x Far_LoA	-8,98013683	0,005	0,296
CHR3	6350744	CHR3:6350744	SSF x Far_LoA	-11,7597431	-0,009	0,300

CHR3	6350762	CHR3:6350762	SSF x Far_LoA	-8,71399988	-0,014	0,308
CHR3	6350763	CHR3:6350763	SSF x Far_LoA	-8,18331267	-0,124	0,303
CHR3	6353519	CHR3:6353519	SSF x Far_LoA	-10,6800689	-0,088	0,298
CHR3	6365678	CHR3:6365678	SSF x Far_LoA	-12,2581353	-0,011	0,304
CHR3	6365735	CHR3:6365735	SSF x Far_LoA	-6,94833343	0,028	0,303
CHR3	6365752	CHR3:6365752	SSF x Far_LoA	-9,79614682	-0,083	0,303
CHR3	6365771	CHR3:6365771	SSF x Far_LoA	-8,58739824	0,089	0,315
CHR3	6365800	CHR3:6365800	SSF x Far_LoA	-10,5272515	0,111	0,295
CHR3	6365809	CHR3:6365809	SSF x Far_LoA	-8,7354335	0,080	0,313
CHR3	636808	CHR3:636808	SSF x Far_LoA	-8,77881643	-0,086	0,303
CHR3	6368142	CHR3:6368142	SSF x Far_LoA	-10,3035067	0,091	0,300
CHR3	636829	CHR3:636829	SSF x Far_LoA	-11,2462276	0,034	0,298
CHR3	6371001	CHR3:6371001	SSF x Far_LoA	-10,3213445	-0,085	0,306
CHR3	6371052	CHR3:6371052	SSF x Far_LoA	-7,26549405	-0,205	0,305
CHR3	6378374	CHR3:6378374	SSF x Far_LoA	-12,0635561	0,014	0,308
CHR3	6378446	CHR3:6378446	SSF x Far_LoA	-10,7609498	0,024	0,300
CHR3	6378463	CHR3:6378463	SSF x Far_LoA	-11,5573539	-0,017	0,285
CHR3	6378539	CHR3:6378539	SSF x Far_LoA	-10,4870379	0,018	0,301
CHR3	6378600	CHR3:6378600	SSF x Far_LoA	-8,47518684	0,046	0,317
CHR3	6378638	CHR3:6378638	SSF x Far_LoA	-10,8860631	-0,028	0,286
CHR3	6378677	CHR3:6378677	SSF x Far_LoA	-10,4044747	0,010	0,305
CHR3	6379628	CHR3:6379628	SSF x Far_LoA	-7,85184511	0,071	0,310
CHR3	6382785	CHR3:6382785	SSF x Far_LoA	-11,1850636	-0,065	0,306
CHR3	6382944	CHR3:6382944	SSF x Far_LoA	-9,41820773	-0,104	0,316
CHR3	6383004	CHR3:6383004	SSF x Far_LoA	-11,4860742	0,049	0,296
CHR3	6390995	CHR3:6390995	SSF x Far_LoA	-11,3003041	-0,018	0,309
CHR3	6391010	CHR3:6391010	SSF x Far_LoA	-11,3562437	-0,012	0,308
CHR3	6391069	CHR3:6391069	SSF x Far_LoA	-9,61383471	-0,062	0,288
CHR3	6391101	CHR3:6391101	SSF x Far_LoA	-9,94802092	-0,058	0,285
CHR3	6391138	CHR3:6391138	SSF x Far_LoA	-10,2195588	-0,059	0,310
CHR3	6391317	CHR3:6391317	SSF x Far_LoA	-11,8338849	0,050	0,314
CHR3	6391490	CHR3:6391490	SSF x Far_LoA	-4,90575844	0,125	0,303
CHR3	6392355	CHR3:6392355	SSF x Far_LoA	-9,65403654	0,109	0,297
CHR3	6392356	CHR3:6392356	SSF x Far_LoA	-10,957312	0,120	0,295
CHR3	6392528	CHR3:6392528	SSF x Far_LoA	-8,61414598	-0,060	0,296
CHR3	6394399	CHR3:6394399	SSF x Far_LoA	-8,57103862	0,004	0,288
CHR3	6394501	CHR3:6394501	SSF x Far_LoA	-7,64981762	-0,125	0,302
CHR3	6395732	CHR3:6395732	SSF x Far_LoA	-9,19239301	-0,051	0,311
CHR3	6395739	CHR3:6395739	SSF x Far_LoA	-10,0411095	-0,020	0,301
CHR3	6395744	CHR3:6395744	SSF x Far_LoA	-9,02739239	0,051	0,301
CHR3	6395747	CHR3:6395747	SSF x Far_LoA	-8,55659906	0,019	0,314
CHR3	6404397	CHR3:6404397	SSF x Far_LoA	-10,1164984	-0,115	0,292
CHR3	6404419	CHR3:6404419	SSF x Far_LoA	-8,07718449	-0,114	0,298
CHR3	6406831	CHR3:6406831	SSF x Far_LoA	-5,66663329	0,192	0,303
CHR3	6412767	CHR3:6412767	SSF x Far_LoA	-12,0865137	-0,033	0,298
CHR3	6412799	CHR3:6412799	SSF x Far_LoA	-8,93071959	0,016	0,305
CHR3	6433694	CHR3:6433694	SSF x Far_LoA	-10,412735	0,066	0,300
CHR3	6441218	CHR3:6441218	SSF x Far_LoA	-9,10042799	-0,041	0,287
CHR3	6441277	CHR3:6441277	SSF x Far_LoA	-9,85961096	0,041	0,302
CHR3	6441407	CHR3:6441407	SSF x Far_LoA	-3,9752228	-0,190	0,293
CHR3	6441414	CHR3:6441414	SSF x Far_LoA	-9,1780844	-0,127	0,278
CHR3	6441445	CHR3:6441445	SSF x Far_LoA	-8,46308478	-0,084	0,295
CHR3	6441459	CHR3:6441459	SSF x Far_LoA	-9,77210094	-0,090	0,315

CHR3	6441461	CHR3:6441461	SSF x Far_LoA	-11,2255911	-0,061	0,297
CHR3	6441468	CHR3:6441468	SSF x Far_LoA	-8,9020827	-0,101	0,322
CHR3	6441486	CHR3:6441486	SSF x Far_LoA	-7,85293345	0,083	0,301
CHR3	6445545	CHR3:6445545	SSF x Far_LoA	-8,70409641	0,037	0,304
CHR3	6445560	CHR3:6445560	SSF x Far_LoA	-9,64061842	-0,089	0,293
CHR3	6449915	CHR3:6449915	SSF x Far_LoA	-9,0160538	-0,020	0,299
CHR3	6449917	CHR3:6449917	SSF x Far_LoA	-10,6369983	0,135	0,291
CHR3	6449988	CHR3:6449988	SSF x Far_LoA	-8,13049876	0,031	0,306
CHR3	6449991	CHR3:6449991	SSF x Far_LoA	-9,06564052	-0,004	0,293
CHR3	6449992	CHR3:6449992	SSF x Far_LoA	-10,7130102	0,098	0,297
CHR3	6450000	CHR3:6450000	SSF x Far_LoA	-8,93907971	-0,047	0,308
CHR3	6450002	CHR3:6450002	SSF x Far_LoA	-8,9872842	-0,039	0,290
CHR3	6450004	CHR3:6450004	SSF x Far_LoA	-8,11699182	-0,021	0,313
CHR3	6457961	CHR3:6457961	SSF x Far_LoA	-8,48025942	0,068	0,311
CHR3	6462511	CHR3:6462511	SSF x Far_LoA	-8,81851955	0,064	0,310
CHR3	6462515	CHR3:6462515	SSF x Far_LoA	-7,65672989	-0,170	0,296
CHR3	6462533	CHR3:6462533	SSF x Far_LoA	-4,68455229	-0,039	0,319
CHR3	6462555	CHR3:6462555	SSF x Far_LoA	-9,61528391	-0,002	0,309
CHR3	6462559	CHR3:6462559	SSF x Far_LoA	-9,33065297	-0,016	0,311
CHR3	6462669	CHR3:6462669	SSF x Far_LoA	-8,98557539	-0,120	0,296
CHR3	646527	CHR3:646527	SSF x Far_LoA	-7,31895677	-0,039	0,309
CHR3	6467589	CHR3:6467589	SSF x Far_LoA	-8,74925434	-0,094	0,305
CHR3	6467673	CHR3:6467673	SSF x Far_LoA	-8,882838	-0,058	0,294
CHR3	6469182	CHR3:6469182	SSF x Far_LoA	-7,42781699	-0,136	0,312
CHR3	6469250	CHR3:6469250	SSF x Far_LoA	-10,0936231	0,022	0,321
CHR3	6469265	CHR3:6469265	SSF x Far_LoA	-10,671227	-0,033	0,309
CHR3	6469440	CHR3:6469440	SSF x Far_LoA	-9,52980834	0,029	0,303
CHR3	6472415	CHR3:6472415	SSF x Far_LoA	-11,6490221	0,005	0,302
CHR3	6475562	CHR3:6475562	SSF x Far_LoA	-9,42912518	0,061	0,312
CHR3	6475710	CHR3:6475710	SSF x Far_LoA	-10,7045001	0,001	0,316
CHR3	6480764	CHR3:6480764	SSF x Far_LoA	-10,7118386	0,014	0,275
CHR3	6480769	CHR3:6480769	SSF x Far_LoA	-6,32648646	0,134	0,301
CHR3	6495403	CHR3:6495403	SSF x Far_LoA	-11,4272245	0,059	0,302
CHR3	6495417	CHR3:6495417	SSF x Far_LoA	-11,7812075	0,034	0,304
CHR3	6495447	CHR3:6495447	SSF x Far_LoA	-10,9012486	-0,003	0,304
CHR3	6495483	CHR3:6495483	SSF x Far_LoA	-5,60201352	-0,215	0,288
CHR3	6495486	CHR3:6495486	SSF x Far_LoA	-6,93990323	-0,108	0,300
CHR3	6495532	CHR3:6495532	SSF x Far_LoA	-10,3526661	0,039	0,310
CHR3	6495548	CHR3:6495548	SSF x Far_LoA	-6,03332179	-0,212	0,296
CHR3	6495667	CHR3:6495667	SSF x Far_LoA	-10,4764843	0,070	0,297
CHR3	6502652	CHR3:6502652	SSF x Far_LoA	-10,5994396	-0,025	0,311
CHR3	6502836	CHR3:6502836	SSF x Far_LoA	-11,1788508	0,041	0,303
CHR3	6524602	CHR3:6524602	SSF x Far_LoA	-9,87487833	-0,090	0,313
CHR3	6524656	CHR3:6524656	SSF x Far_LoA	-7,54465249	-0,146	0,303
CHR3	6524683	CHR3:6524683	SSF x Far_LoA	-8,72386716	0,043	0,307
CHR3	652864	CHR3:652864	SSF x Far_LoA	-8,60028075	-0,024	0,307
CHR3	652873	CHR3:652873	SSF x Far_LoA	-10,7281502	-0,044	0,298
CHR3	6529279	CHR3:6529279	SSF x Far_LoA	-6,16848046	0,128	0,318
CHR3	6529373	CHR3:6529373	SSF x Far_LoA	-9,29989688	-0,032	0,299
CHR3	652956	CHR3:652956	SSF x Far_LoA	-9,06930284	-0,038	0,309
CHR3	653037	CHR3:653037	SSF x Far_LoA	-9,56227681	0,045	0,297
CHR3	6535303	CHR3:6535303	SSF x Far_LoA	-9,13256045	0,057	0,302
CHR3	6535318	CHR3:6535318	SSF x Far_LoA	-7,2724447	0,084	0,301

CHR3	6535432	CHR3:6535432	SSF x Far_LoA	-7,75732074	-0,112	0,289
CHR3	6535598	CHR3:6535598	SSF x Far_LoA	-8,06639172	-0,009	0,324
CHR3	6541922	CHR3:6541922	SSF x Far_LoA	-8,85437848	0,000	0,314
CHR3	6541959	CHR3:6541959	SSF x Far_LoA	-9,74020896	-0,090	0,305
CHR3	6542081	CHR3:6542081	SSF x Far_LoA	-9,03336922	-0,033	0,305
CHR3	6542090	CHR3:6542090	SSF x Far_LoA	-1,52870599	-0,002	0,309
CHR3	6542141	CHR3:6542141	SSF x Far_LoA	-8,51932617	0,009	0,305
CHR3	6542148	CHR3:6542148	SSF x Far_LoA	-10,2733756	0,017	0,313
CHR3	6542149	CHR3:6542149	SSF x Far_LoA	-9,90528961	-0,010	0,319
CHR3	6545255	CHR3:6545255	SSF x Far_LoA	-9,38091054	-0,086	0,304
CHR3	6545258	CHR3:6545258	SSF x Far_LoA	-10,0027256	0,046	0,317
CHR3	6545266	CHR3:6545266	SSF x Far_LoA	-9,85340177	0,048	0,308
CHR3	6545291	CHR3:6545291	SSF x Far_LoA	-10,8836698	-0,058	0,297
CHR3	6545350	CHR3:6545350	SSF x Far_LoA	-8,49935103	-0,086	0,305
CHR3	6545371	CHR3:6545371	SSF x Far_LoA	-8,71252345	-0,004	0,302
CHR3	6550449	CHR3:6550449	SSF x Far_LoA	-10,9256844	0,040	0,301
CHR3	6550453	CHR3:6550453	SSF x Far_LoA	-7,49278842	-0,116	0,302
CHR3	6550467	CHR3:6550467	SSF x Far_LoA	-9,9046053	-0,103	0,293
CHR3	6550476	CHR3:6550476	SSF x Far_LoA	-6,92221711	-0,095	0,304
CHR3	6550478	CHR3:6550478	SSF x Far_LoA	-7,24548909	0,158	0,298
CHR3	6550507	CHR3:6550507	SSF x Far_LoA	-8,95820874	-0,047	0,293
CHR3	6550522	CHR3:6550522	SSF x Far_LoA	-8,91212143	-0,104	0,302
CHR3	6550536	CHR3:6550536	SSF x Far_LoA	-9,06839499	-0,122	0,317
CHR3	6550558	CHR3:6550558	SSF x Far_LoA	-7,42062931	0,193	0,297
CHR3	6550559	CHR3:6550559	SSF x Far_LoA	-11,4991979	0,044	0,301
CHR3	6550569	CHR3:6550569	SSF x Far_LoA	-10,5709487	-0,024	0,299
CHR3	6550586	CHR3:6550586	SSF x Far_LoA	-10,7834673	-0,008	0,310
CHR3	6550625	CHR3:6550625	SSF x Far_LoA	-10,143998	0,078	0,307
CHR3	6552974	CHR3:6552974	SSF x Far_LoA	-8,45950595	-0,084	0,311
CHR3	6553180	CHR3:6553180	SSF x Far_LoA	-10,9193798	-0,131	0,295
CHR3	6553196	CHR3:6553196	SSF x Far_LoA	-3,69624117	0,002	0,312
CHR3	6567495	CHR3:6567495	SSF x Far_LoA	-8,38737091	0,080	0,308
CHR3	6567522	CHR3:6567522	SSF x Far_LoA	-8,80614101	-0,013	0,311
CHR3	6567585	CHR3:6567585	SSF x Far_LoA	-9,9850145	-0,044	0,321
CHR3	6567723	CHR3:6567723	SSF x Far_LoA	-9,32410106	-0,006	0,310
CHR3	6570787	CHR3:6570787	SSF x Far_LoA	-9,59551685	-0,060	0,288
CHR3	6570802	CHR3:6570802	SSF x Far_LoA	-9,81284127	-0,074	0,283
CHR3	6570842	CHR3:6570842	SSF x Far_LoA	-9,76929109	0,005	0,293
CHR3	6570859	CHR3:6570859	SSF x Far_LoA	-10,0885464	0,060	0,300
CHR3	6570876	CHR3:6570876	SSF x Far_LoA	-10,1916032	0,037	0,295
CHR3	6570894	CHR3:6570894	SSF x Far_LoA	-9,8048541	-0,054	0,310
CHR3	6570936	CHR3:6570936	SSF x Far_LoA	-9,41322292	0,066	0,316
CHR3	6570938	CHR3:6570938	SSF x Far_LoA	-9,69560261	0,046	0,296
CHR3	6570991	CHR3:6570991	SSF x Far_LoA	-7,96042848	0,036	0,305
CHR3	6571008	CHR3:6571008	SSF x Far_LoA	-8,83186505	-0,137	0,315
CHR3	6571014	CHR3:6571014	SSF x Far_LoA	-9,0306318	0,029	0,313
CHR3	6571016	CHR3:6571016	SSF x Far_LoA	-2,2005063	0,021	0,313
CHR3	6571032	CHR3:6571032	SSF x Far_LoA	-8,53699941	0,000	0,305
CHR3	6584134	CHR3:6584134	SSF x Far_LoA	-4,47934084	-0,206	0,300
CHR3	6595022	CHR3:6595022	SSF x Far_LoA	-9,87785155	-0,003	0,314
CHR3	6595031	CHR3:6595031	SSF x Far_LoA	-10,3269408	0,126	0,293
CHR3	6595043	CHR3:6595043	SSF x Far_LoA	-10,6768767	0,086	0,296
CHR3	6595064	CHR3:6595064	SSF x Far_LoA	-8,16844107	0,105	0,307

CHR3	6595157	CHR3:6595157	SSF x Far_LoA	-6,72233234	-0,137	0,315
CHR3	6595350	CHR3:6595350	SSF x Far_LoA	-9,3420329	-0,053	0,305
CHR3	6599120	CHR3:6599120	SSF x Far_LoA	-8,87510172	0,076	0,311
CHR3	6599199	CHR3:6599199	SSF x Far_LoA	-9,7425664	0,077	0,278
CHR3	6599210	CHR3:6599210	SSF x Far_LoA	-8,80552473	0,081	0,291
CHR3	6599322	CHR3:6599322	SSF x Far_LoA	-8,95474825	0,035	0,303
CHR3	6599326	CHR3:6599326	SSF x Far_LoA	-9,63595738	0,030	0,295
CHR3	6599331	CHR3:6599331	SSF x Far_LoA	-3,43313852	0,051	0,304
CHR3	6599337	CHR3:6599337	SSF x Far_LoA	-11,0973329	0,074	0,293
CHR3	6599362	CHR3:6599362	SSF x Far_LoA	-6,47412995	0,100	0,300
CHR3	6599383	CHR3:6599383	SSF x Far_LoA	-9,73338675	-0,094	0,309
CHR3	6603632	CHR3:6603632	SSF x Far_LoA	-10,4210335	-0,070	0,298
CHR3	6603695	CHR3:6603695	SSF x Far_LoA	-8,96361997	0,006	0,315
CHR3	6603752	CHR3:6603752	SSF x Far_LoA	-11,1856426	-0,043	0,314
CHR3	6603792	CHR3:6603792	SSF x Far_LoA	-7,01338666	-0,042	0,303
CHR3	6603793	CHR3:6603793	SSF x Far_LoA	-9,68354165	-0,062	0,317
CHR3	6603802	CHR3:6603802	SSF x Far_LoA	-10,9290533	-0,042	0,304
CHR3	6603804	CHR3:6603804	SSF x Far_LoA	-10,2943803	-0,081	0,296
CHR3	6603855	CHR3:6603855	SSF x Far_LoA	-10,4451424	-0,006	0,299
CHR3	6603873	CHR3:6603873	SSF x Far_LoA	-9,23724657	-0,094	0,307
CHR3	6613431	CHR3:6613431	SSF x Far_LoA	-9,40850713	-0,067	0,304
CHR3	6613474	CHR3:6613474	SSF x Far_LoA	-5,87364442	0,162	0,305
CHR3	6613475	CHR3:6613475	SSF x Far_LoA	-10,1872734	0,114	0,310
CHR3	6613477	CHR3:6613477	SSF x Far_LoA	-8,69557621	0,132	0,309
CHR3	6613483	CHR3:6613483	SSF x Far_LoA	-8,68242782	0,024	0,310
CHR3	6613489	CHR3:6613489	SSF x Far_LoA	-7,33910618	-0,144	0,309
CHR3	6613490	CHR3:6613490	SSF x Far_LoA	-9,31263356	0,132	0,309
CHR3	6613508	CHR3:6613508	SSF x Far_LoA	-7,9948058	0,135	0,319
CHR3	6613559	CHR3:6613559	SSF x Far_LoA	-9,78637419	-0,026	0,316
CHR3	6613628	CHR3:6613628	SSF x Far_LoA	-9,15969403	-0,095	0,316
CHR3	6613654	CHR3:6613654	SSF x Far_LoA	-11,0590759	-0,094	0,311
CHR3	6616297	CHR3:6616297	SSF x Far_LoA	-10,7232393	0,002	0,312
CHR3	6616332	CHR3:6616332	SSF x Far_LoA	-11,4109821	-0,035	0,305
CHR3	6616371	CHR3:6616371	SSF x Far_LoA	-10,3462419	-0,025	0,307
CHR3	6616378	CHR3:6616378	SSF x Far_LoA	-11,6963693	-0,020	0,300
CHR3	6616406	CHR3:6616406	SSF x Far_LoA	-9,55516833	0,039	0,296
CHR3	6617590	CHR3:6617590	SSF x Far_LoA	-9,73400715	-0,017	0,302
CHR3	6622180	CHR3:6622180	SSF x Far_LoA	-7,62030116	0,092	0,305
CHR3	6622210	CHR3:6622210	SSF x Far_LoA	-8,6134976	-0,020	0,312
CHR3	6622388	CHR3:6622388	SSF x Far_LoA	-10,9963403	-0,028	0,304
CHR3	6623989	CHR3:6623989	SSF x Far_LoA	-7,88312053	-0,164	0,309
CHR3	6624219	CHR3:6624219	SSF x Far_LoA	-6,42825632	-0,192	0,306
CHR3	6624223	CHR3:6624223	SSF x Far_LoA	-6,29357787	-0,145	0,303
CHR3	6624235	CHR3:6624235	SSF x Far_LoA	-5,37289489	-0,167	0,301
CHR3	6624247	CHR3:6624247	SSF x Far_LoA	-6,53248857	-0,152	0,318
CHR3	6624263	CHR3:6624263	SSF x Far_LoA	-8,21291823	-0,096	0,327
CHR3	662770	CHR3:662770	SSF x Far_LoA	-10,9382177	0,047	0,314
CHR3	662794	CHR3:662794	SSF x Far_LoA	-8,9011323	0,047	0,298
CHR3	662946	CHR3:662946	SSF x Far_LoA	-11,9674571	-0,016	0,302
CHR3	6632970	CHR3:6632970	SSF x Far_LoA	-5,12059545	0,200	0,313
CHR3	6633066	CHR3:6633066	SSF x Far_LoA	-11,0531349	-0,037	0,308
CHR3	6633082	CHR3:6633082	SSF x Far_LoA	-6,7901168	-0,055	0,312
CHR3	6633092	CHR3:6633092	SSF x Far_LoA	-8,94028796	-0,043	0,327

CHR3	6639183	CHR3:6639183	SSF x Far_LoA	-10,1565741	0,037	0,307
CHR3	6639197	CHR3:6639197	SSF x Far_LoA	-8,88869595	-0,096	0,309
CHR3	6640037	CHR3:6640037	SSF x Far_LoA	-4,36787397	-0,136	0,291
CHR3	6640056	CHR3:6640056	SSF x Far_LoA	-10,0138487	-0,143	0,304
CHR3	6647929	CHR3:6647929	SSF x Far_LoA	-8,04706893	-0,122	0,303
CHR3	6648472	CHR3:6648472	SSF x Far_LoA	-11,3897586	0,032	0,304
CHR3	6648529	CHR3:6648529	SSF x Far_LoA	-10,6985714	0,012	0,315
CHR3	6661001	CHR3:6661001	SSF x Far_LoA	-10,5794458	-0,072	0,298
CHR3	6666538	CHR3:6666538	SSF x Far_LoA	-8,69780964	0,106	0,298
CHR3	6666548	CHR3:6666548	SSF x Far_LoA	-8,540578	-0,045	0,308
CHR3	6669397	CHR3:6669397	SSF x Far_LoA	-8,97371013	-0,128	0,280
CHR3	6670127	CHR3:6670127	SSF x Far_LoA	-9,23713347	0,037	0,320
CHR3	6673656	CHR3:6673656	SSF x Far_LoA	-9,31961585	0,038	0,302
CHR3	6673720	CHR3:6673720	SSF x Far_LoA	-11,1409097	0,058	0,300
CHR3	6675225	CHR3:6675225	SSF x Far_LoA	-8,14535856	-0,059	0,311
CHR3	6675226	CHR3:6675226	SSF x Far_LoA	-4,24528177	-0,139	0,310
CHR3	6679710	CHR3:6679710	SSF x Far_LoA	-9,56255496	0,060	0,318
CHR3	6679761	CHR3:6679761	SSF x Far_LoA	-10,0141894	-0,009	0,295
CHR3	6679803	CHR3:6679803	SSF x Far_LoA	-9,66284337	-0,121	0,316
CHR3	6679809	CHR3:6679809	SSF x Far_LoA	-8,61552143	-0,102	0,316
CHR3	667990	CHR3:667990	SSF x Far_LoA	-9,16303013	0,032	0,299
CHR3	667997	CHR3:667997	SSF x Far_LoA	-8,65955003	0,030	0,291
CHR3	668033	CHR3:668033	SSF x Far_LoA	-10,1182401	0,037	0,309
CHR3	668036	CHR3:668036	SSF x Far_LoA	-10,1727854	-0,004	0,305
CHR3	668041	CHR3:668041	SSF x Far_LoA	-8,8461343	-0,055	0,301
CHR3	668061	CHR3:668061	SSF x Far_LoA	-8,91526781	0,072	0,292
CHR3	668078	CHR3:668078	SSF x Far_LoA	-9,55387053	-0,036	0,304
CHR3	668115	CHR3:668115	SSF x Far_LoA	-10,0616893	0,058	0,308
CHR3	668162	CHR3:668162	SSF x Far_LoA	-0,88319024	0,051	0,302
CHR3	668176	CHR3:668176	SSF x Far_LoA	-8,27671931	-0,008	0,317
CHR3	668215	CHR3:668215	SSF x Far_LoA	-7,91037084	0,012	0,310
CHR3	6683998	CHR3:6683998	SSF x Far_LoA	-6,39292877	-0,066	0,298
CHR3	6683999	CHR3:6683999	SSF x Far_LoA	-9,10751185	0,002	0,295
CHR3	6695667	CHR3:6695667	SSF x Far_LoA	-9,0288392	0,010	0,305
CHR3	6695685	CHR3:6695685	SSF x Far_LoA	-7,19749448	0,076	0,295
CHR3	6695715	CHR3:6695715	SSF x Far_LoA	-9,47900983	-0,096	0,297
CHR3	6695777	CHR3:6695777	SSF x Far_LoA	-4,015638	-0,198	0,304
CHR3	6695820	CHR3:6695820	SSF x Far_LoA	-7,19181219	-0,126	0,294
CHR3	6695823	CHR3:6695823	SSF x Far_LoA	-9,37869638	-0,003	0,303
CHR3	6695857	CHR3:6695857	SSF x Far_LoA	-8,94301145	-0,076	0,315
CHR3	6695866	CHR3:6695866	SSF x Far_LoA	-11,100259	-0,042	0,313
CHR3	6698818	CHR3:6698818	SSF x Far_LoA	-9,57684682	-0,061	0,309
CHR3	6705315	CHR3:6705315	SSF x Far_LoA	-11,6306648	0,015	0,298
CHR3	6705319	CHR3:6705319	SSF x Far_LoA	-8,29520884	0,030	0,323
CHR3	6711414	CHR3:6711414	SSF x Far_LoA	-9,8258785	-0,031	0,285
CHR3	6711421	CHR3:6711421	SSF x Far_LoA	-11,427352	-0,013	0,323
CHR3	6711517	CHR3:6711517	SSF x Far_LoA	-10,626816	-0,016	0,305
CHR3	6711573	CHR3:6711573	SSF x Far_LoA	-10,890673	0,143	0,300
CHR3	6712695	CHR3:6712695	SSF x Far_LoA	-10,5871864	-0,031	0,316
CHR3	6712778	CHR3:6712778	SSF x Far_LoA	-10,1053399	-0,044	0,318
CHR3	6712800	CHR3:6712800	SSF x Far_LoA	-9,40060482	-0,019	0,307
CHR3	6712831	CHR3:6712831	SSF x Far_LoA	-9,2801639	-0,038	0,297
CHR3	6722848	CHR3:6722848	SSF x Far_LoA	-6,90693698	-0,022	0,309

CHR3	6723355	CHR3:6723355	SSF x Far_LoA	-9,85572466	-0,014	0,315
CHR3	6723356	CHR3:6723356	SSF x Far_LoA	-9,14458573	-0,102	0,304
CHR3	6723385	CHR3:6723385	SSF x Far_LoA	-9,09735861	-0,105	0,314
CHR3	6730316	CHR3:6730316	SSF x Far_LoA	-9,98458319	0,077	0,289
CHR3	6730318	CHR3:6730318	SSF x Far_LoA	-7,88646166	-0,085	0,300
CHR3	6734674	CHR3:6734674	SSF x Far_LoA	-9,9616117	-0,036	0,310
CHR3	6734678	CHR3:6734678	SSF x Far_LoA	-9,4314365	-0,086	0,315
CHR3	6734725	CHR3:6734725	SSF x Far_LoA	-7,34793967	-0,181	0,298
CHR3	6734733	CHR3:6734733	SSF x Far_LoA	-8,81760143	-0,155	0,310
CHR3	6734744	CHR3:6734744	SSF x Far_LoA	-8,83583748	0,071	0,302
CHR3	6734772	CHR3:6734772	SSF x Far_LoA	-7,88079996	0,066	0,310
CHR3	6740775	CHR3:6740775	SSF x Far_LoA	-7,84479416	-0,051	0,316
CHR3	6740779	CHR3:6740779	SSF x Far_LoA	-9,43321058	-0,045	0,316
CHR3	6740787	CHR3:6740787	SSF x Far_LoA	-3,59665079	-0,083	0,308
CHR3	6740790	CHR3:6740790	SSF x Far_LoA	-8,88669112	-0,082	0,314
CHR3	674691	CHR3:674691	SSF x Far_LoA	-9,62602931	-0,027	0,306
CHR3	6753336	CHR3:6753336	SSF x Far_LoA	-6,86607082	0,077	0,306
CHR3	6753427	CHR3:6753427	SSF x Far_LoA	-10,2576407	-0,132	0,301
CHR3	6753461	CHR3:6753461	SSF x Far_LoA	-5,01044719	0,041	0,325
CHR3	6770835	CHR3:6770835	SSF x Far_LoA	-9,74581656	-0,097	0,311
CHR3	6770968	CHR3:6770968	SSF x Far_LoA	-9,73612046	0,029	0,321
CHR3	6771045	CHR3:6771045	SSF x Far_LoA	-2,2355597	-0,065	0,300
CHR3	677555	CHR3:677555	SSF x Far_LoA	-10,3354234	-0,015	0,309
CHR3	677677	CHR3:677677	SSF x Far_LoA	-9,28075703	0,075	0,295
CHR3	6777043	CHR3:6777043	SSF x Far_LoA	-7,21736395	-0,107	0,313
CHR3	6777063	CHR3:6777063	SSF x Far_LoA	-7,99093974	0,001	0,316
CHR3	6778816	CHR3:6778816	SSF x Far_LoA	-10,1412592	0,079	0,306
CHR3	6779202	CHR3:6779202	SSF x Far_LoA	-9,75666751	-0,030	0,301
CHR3	6796008	CHR3:6796008	SSF x Far_LoA	-11,213664	0,001	0,315
CHR3	6796155	CHR3:6796155	SSF x Far_LoA	-4,57324499	-0,040	0,306
CHR3	6796229	CHR3:6796229	SSF x Far_LoA	-7,54379549	0,100	0,313
CHR3	6801022	CHR3:6801022	SSF x Far_LoA	-10,2844473	0,044	0,309
CHR3	6801061	CHR3:6801061	SSF x Far_LoA	-9,97846078	0,005	0,301
CHR3	6801106	CHR3:6801106	SSF x Far_LoA	-8,60146196	-0,125	0,293
CHR3	6802578	CHR3:6802578	SSF x Far_LoA	-10,4194816	-0,020	0,307
CHR3	6802645	CHR3:6802645	SSF x Far_LoA	-11,4065575	-0,001	0,301
CHR3	6802668	CHR3:6802668	SSF x Far_LoA	-8,75348155	-0,001	0,319
CHR3	6802747	CHR3:6802747	SSF x Far_LoA	-9,98567871	0,048	0,321
CHR3	6802761	CHR3:6802761	SSF x Far_LoA	-9,9480619	0,014	0,307
CHR3	6802799	CHR3:6802799	SSF x Far_LoA	-10,6678045	0,013	0,306
CHR3	6804264	CHR3:6804264	SSF x Far_LoA	-10,9659457	0,024	0,311
CHR3	6820770	CHR3:6820770	SSF x Far_LoA	-10,3708681	0,065	0,303
CHR3	6820771	CHR3:6820771	SSF x Far_LoA	-5,11031926	-0,010	0,311
CHR3	6820772	CHR3:6820772	SSF x Far_LoA	-10,745459	-0,005	0,306
CHR3	6821047	CHR3:6821047	SSF x Far_LoA	-8,70312033	-0,111	0,311
CHR3	6829539	CHR3:6829539	SSF x Far_LoA	-9,74579089	0,023	0,308
CHR3	6834397	CHR3:6834397	SSF x Far_LoA	-10,1693669	0,021	0,301
CHR3	6842399	CHR3:6842399	SSF x Far_LoA	-5,26072775	0,218	0,295
CHR3	6842418	CHR3:6842418	SSF x Far_LoA	-9,33551026	-0,045	0,309
CHR3	6842447	CHR3:6842447	SSF x Far_LoA	-10,9950374	-0,055	0,312
CHR3	6842465	CHR3:6842465	SSF x Far_LoA	-11,4579719	0,048	0,300
CHR3	6842484	CHR3:6842484	SSF x Far_LoA	-11,6314195	0,021	0,300
CHR3	6855605	CHR3:6855605	SSF x Far_LoA	-8,11221762	0,102	0,310

CHR3	6860755	CHR3:6860755	SSF x Far_LoA	-8,64953032	-0,085	0,314
CHR3	6860773	CHR3:6860773	SSF x Far_LoA	5,99605356	-0,012	0,319
CHR3	6860854	CHR3:6860854	SSF x Far_LoA	-9,3003463	0,081	0,318
CHR3	6860866	CHR3:6860866	SSF x Far_LoA	-8,78691268	-0,115	0,310
CHR3	6860934	CHR3:6860934	SSF x Far_LoA	-7,32624893	0,129	0,295
CHR3	6869925	CHR3:6869925	SSF x Far_LoA	-8,7557326	0,049	0,319
CHR3	6871936	CHR3:6871936	SSF x Far_LoA	-4,86018716	-0,184	0,296
CHR3	6874781	CHR3:6874781	SSF x Far_LoA	-10,5541559	-0,014	0,311
CHR3	6874821	CHR3:6874821	SSF x Far_LoA	-10,5564833	-0,066	0,303
CHR3	6874854	CHR3:6874854	SSF x Far_LoA	-11,898739	-0,032	0,309
CHR3	6874863	CHR3:6874863	SSF x Far_LoA	-11,547806	-0,003	0,306
CHR3	6874885	CHR3:6874885	SSF x Far_LoA	-8,64582007	0,087	0,301
CHR3	6874976	CHR3:6874976	SSF x Far_LoA	-9,44383217	0,130	0,306
CHR3	6875022	CHR3:6875022	SSF x Far_LoA	-10,5042311	0,115	0,298
CHR3	6876047	CHR3:6876047	SSF x Far_LoA	-9,16539252	0,149	0,306
CHR3	6876097	CHR3:6876097	SSF x Far_LoA	-9,78650122	0,104	0,325
CHR3	6877235	CHR3:6877235	SSF x Far_LoA	-11,8740882	0,025	0,321
CHR3	6877293	CHR3:6877293	SSF x Far_LoA	-9,0500086	-0,065	0,305
CHR3	6887455	CHR3:6887455	SSF x Far_LoA	-3,89041663	-0,010	0,311
CHR3	6887580	CHR3:6887580	SSF x Far_LoA	-7,85348733	-0,071	0,309
CHR3	6887602	CHR3:6887602	SSF x Far_LoA	-11,2154927	0,030	0,324
CHR3	6887745	CHR3:6887745	SSF x Far_LoA	-9,58614386	-0,010	0,305
CHR3	6897844	CHR3:6897844	SSF x Far_LoA	-9,78669612	-0,069	0,309
CHR3	6908513	CHR3:6908513	SSF x Far_LoA	-8,04543044	0,094	0,303
CHR3	6908532	CHR3:6908532	SSF x Far_LoA	-9,59702447	0,085	0,298
CHR3	6914946	CHR3:6914946	SSF x Far_LoA	-8,59797621	0,021	0,306
CHR3	6915048	CHR3:6915048	SSF x Far_LoA	-11,5890247	-0,031	0,304
CHR3	691520	CHR3:691520	SSF x Far_LoA	-9,48601776	0,098	0,296
CHR3	691536	CHR3:691536	SSF x Far_LoA	-8,38506277	-0,069	0,307
CHR3	6922885	CHR3:6922885	SSF x Far_LoA	-10,2513738	0,057	0,296
CHR3	6924457	CHR3:6924457	SSF x Far_LoA	-10,4066175	-0,064	0,303
CHR3	6924522	CHR3:6924522	SSF x Far_LoA	-11,1522634	-0,034	0,305
CHR3	6924557	CHR3:6924557	SSF x Far_LoA	-8,75418119	-0,114	0,296
CHR3	6924566	CHR3:6924566	SSF x Far_LoA	-7,91394446	-0,053	0,306
CHR3	6924579	CHR3:6924579	SSF x Far_LoA	-7,91366337	0,067	0,304
CHR3	692593	CHR3:692593	SSF x Far_LoA	-8,52908211	-0,149	0,311
CHR3	692624	CHR3:692624	SSF x Far_LoA	-8,44041633	-0,163	0,299
CHR3	692722	CHR3:692722	SSF x Far_LoA	-3,04695684	0,250	0,287
CHR3	6934762	CHR3:6934762	SSF x Far_LoA	-10,7099578	0,087	0,308
CHR3	6934763	CHR3:6934763	SSF x Far_LoA	-12,5180002	-0,002	0,312
CHR3	6934805	CHR3:6934805	SSF x Far_LoA	-10,8781434	-0,019	0,318
CHR3	6934921	CHR3:6934921	SSF x Far_LoA	-1,47166296	-0,213	0,294
CHR3	6936995	CHR3:6936995	SSF x Far_LoA	-10,1953128	-0,089	0,307
CHR3	6937108	CHR3:6937108	SSF x Far_LoA	-10,5955589	0,033	0,305
CHR3	6944207	CHR3:6944207	SSF x Far_LoA	-10,1727302	-0,041	0,316
CHR3	6944527	CHR3:6944527	SSF x Far_LoA	0,22622622	-0,206	0,291
CHR3	6944531	CHR3:6944531	SSF x Far_LoA	-3,03407385	-0,250	0,292
CHR3	6956326	CHR3:6956326	SSF x Far_LoA	-10,856597	-0,009	0,323
CHR3	6965327	CHR3:6965327	SSF x Far_LoA	-6,79129448	0,114	0,302
CHR3	6965336	CHR3:6965336	SSF x Far_LoA	-7,23406527	0,174	0,298
CHR3	6970915	CHR3:6970915	SSF x Far_LoA	-9,67797476	-0,014	0,307
CHR3	6971019	CHR3:6971019	SSF x Far_LoA	-8,39194053	0,083	0,305
CHR3	697156	CHR3:697156	SSF x Far_LoA	-9,18636009	-0,110	0,303

CHR3	6979755	CHR3:6979755	SSF x Far_LoA	-9,54418804	-0,076	0,300
CHR3	6979796	CHR3:6979796	SSF x Far_LoA	-7,53950594	0,022	0,307
CHR3	6979835	CHR3:6979835	SSF x Far_LoA	-9,74369008	-0,029	0,316
CHR3	6979877	CHR3:6979877	SSF x Far_LoA	-9,71575421	0,064	0,309
CHR3	6979893	CHR3:6979893	SSF x Far_LoA	-10,3793095	0,006	0,310
CHR3	6979913	CHR3:6979913	SSF x Far_LoA	-10,8345812	-0,122	0,298
CHR3	6985504	CHR3:6985504	SSF x Far_LoA	-8,94939989	0,046	0,303
CHR3	6985544	CHR3:6985544	SSF x Far_LoA	-9,92843254	0,154	0,298
CHR3	6985898	CHR3:6985898	SSF x Far_LoA	-8,33789007	-0,001	0,316
CHR3	6990872	CHR3:6990872	SSF x Far_LoA	-11,0004684	-0,040	0,307
CHR3	701245	CHR3:701245	SSF x Far_LoA	-7,49900146	0,086	0,302
CHR3	701251	CHR3:701251	SSF x Far_LoA	-6,6616132	-0,003	0,314
CHR3	7015796	CHR3:7015796	SSF x Far_LoA	-8,25654505	0,033	0,308
CHR3	7017196	CHR3:7017196	SSF x Far_LoA	-6,77998441	-0,068	0,318
CHR3	7017268	CHR3:7017268	SSF x Far_LoA	-8,91417787	-0,050	0,297
CHR3	7017375	CHR3:7017375	SSF x Far_LoA	-10,3923754	0,091	0,289
CHR3	7017409	CHR3:7017409	SSF x Far_LoA	-9,8065361	0,043	0,301
CHR3	7017422	CHR3:7017422	SSF x Far_LoA	-8,79515778	-0,016	0,304
CHR3	7017423	CHR3:7017423	SSF x Far_LoA	-8,35048413	0,004	0,299
CHR3	7026963	CHR3:7026963	SSF x Far_LoA	-8,36957858	0,084	0,303
CHR3	7026973	CHR3:7026973	SSF x Far_LoA	-7,56148915	-0,011	0,308
CHR3	7026990	CHR3:7026990	SSF x Far_LoA	-11,7992315	0,001	0,297
CHR3	7027004	CHR3:7027004	SSF x Far_LoA	-10,4425422	0,071	0,306
CHR3	7027051	CHR3:7027051	SSF x Far_LoA	-9,10715072	-0,112	0,300
CHR3	7027058	CHR3:7027058	SSF x Far_LoA	-8,58415777	0,057	0,303
CHR3	7027060	CHR3:7027060	SSF x Far_LoA	-10,9550925	0,014	0,305
CHR3	7027076	CHR3:7027076	SSF x Far_LoA	-7,18824	-0,041	0,301
CHR3	7027088	CHR3:7027088	SSF x Far_LoA	-10,0353722	-0,040	0,318
CHR3	7027091	CHR3:7027091	SSF x Far_LoA	-8,08032802	0,005	0,303
CHR3	7027113	CHR3:7027113	SSF x Far_LoA	-9,28660613	-0,019	0,300
CHR3	7027129	CHR3:7027129	SSF x Far_LoA	-11,4513058	0,012	0,301
CHR3	7027145	CHR3:7027145	SSF x Far_LoA	-8,4973763	-0,080	0,296
CHR3	7029310	CHR3:7029310	SSF x Far_LoA	-10,6870209	-0,039	0,315
CHR3	7029352	CHR3:7029352	SSF x Far_LoA	-10,1111094	-0,065	0,320
CHR3	7029479	CHR3:7029479	SSF x Far_LoA	-8,63072166	-0,015	0,313
CHR3	7029486	CHR3:7029486	SSF x Far_LoA	-11,3755024	0,069	0,311
CHR3	7029494	CHR3:7029494	SSF x Far_LoA	-8,56468761	-0,076	0,303
CHR3	7029512	CHR3:7029512	SSF x Far_LoA	-11,0459734	0,071	0,315
CHR3	7029531	CHR3:7029531	SSF x Far_LoA	-10,991596	0,052	0,299
CHR3	7037290	CHR3:7037290	SSF x Far_LoA	-2,41758273	0,163	0,297
CHR3	7037302	CHR3:7037302	SSF x Far_LoA	-8,32757474	-0,069	0,299
CHR3	7037331	CHR3:7037331	SSF x Far_LoA	-8,83765543	-0,106	0,300
CHR3	7039657	CHR3:7039657	SSF x Far_LoA	-9,74012974	0,052	0,309
CHR3	7039743	CHR3:7039743	SSF x Far_LoA	-8,87907931	-0,038	0,310
CHR3	7039745	CHR3:7039745	SSF x Far_LoA	-10,4517644	0,001	0,315
CHR3	7039769	CHR3:7039769	SSF x Far_LoA	-6,51317228	0,199	0,295
CHR3	7039797	CHR3:7039797	SSF x Far_LoA	3,38388057	0,230	0,297
CHR3	7045207	CHR3:7045207	SSF x Far_LoA	-10,5735566	0,041	0,310
CHR3	7045543	CHR3:7045543	SSF x Far_LoA	-10,1621343	0,107	0,307
CHR3	7051896	CHR3:7051896	SSF x Far_LoA	-8,54441159	0,023	0,319
CHR3	7051959	CHR3:7051959	SSF x Far_LoA	-7,69611603	-0,124	0,299
CHR3	7052020	CHR3:7052020	SSF x Far_LoA	-9,65770418	-0,008	0,311
CHR3	7052027	CHR3:7052027	SSF x Far_LoA	-6,58435833	-0,013	0,328

CHR3	7054372	CHR3:7054372	SSF x Far_LoA	-10,7640984	0,061	0,293
CHR3	7054461	CHR3:7054461	SSF x Far_LoA	-8,57816037	-0,027	0,305
CHR3	7054699	CHR3:7054699	SSF x Far_LoA	-5,32679592	0,224	0,295
CHR3	7054764	CHR3:7054764	SSF x Far_LoA	-7,64430872	0,107	0,322
CHR3	7054788	CHR3:7054788	SSF x Far_LoA	-10,0880502	0,051	0,308
CHR3	7054817	CHR3:7054817	SSF x Far_LoA	-9,07477767	0,122	0,294
CHR3	7054825	CHR3:7054825	SSF x Far_LoA	-7,47538323	0,098	0,318
CHR3	7057356	CHR3:7057356	SSF x Far_LoA	-8,7935287	0,189	0,300
CHR3	7057372	CHR3:7057372	SSF x Far_LoA	-8,07853618	0,031	0,302
CHR3	7060587	CHR3:7060587	SSF x Far_LoA	-9,10070787	-0,105	0,295
CHR3	7060598	CHR3:7060598	SSF x Far_LoA	-11,6227496	-0,053	0,306
CHR3	7060607	CHR3:7060607	SSF x Far_LoA	-8,60951687	0,167	0,302
CHR3	7060624	CHR3:7060624	SSF x Far_LoA	-7,26803691	0,000	0,292
CHR3	7060637	CHR3:7060637	SSF x Far_LoA	-9,91028374	-0,004	0,325
CHR3	7060638	CHR3:7060638	SSF x Far_LoA	-5,51848916	-0,155	0,302
CHR3	7060654	CHR3:7060654	SSF x Far_LoA	-6,85416815	-0,131	0,314
CHR3	7062822	CHR3:7062822	SSF x Far_LoA	-9,12213202	-0,048	0,309
CHR3	7062994	CHR3:7062994	SSF x Far_LoA	-8,97539496	0,071	0,298
CHR3	7065632	CHR3:7065632	SSF x Far_LoA	-9,7562331	0,147	0,304
CHR3	7066567	CHR3:7066567	SSF x Far_LoA	-9,98657429	0,022	0,310
CHR3	7066739	CHR3:7066739	SSF x Far_LoA	-7,662916	-0,087	0,300
CHR3	7066775	CHR3:7066775	SSF x Far_LoA	-11,5265673	-0,069	0,300
CHR3	7066780	CHR3:7066780	SSF x Far_LoA	-8,58603949	0,124	0,300
CHR3	7070339	CHR3:7070339	SSF x Far_LoA	-9,9295831	-0,109	0,307
CHR3	7070521	CHR3:7070521	SSF x Far_LoA	-5,06608832	-0,084	0,291
CHR3	7070538	CHR3:7070538	SSF x Far_LoA	-8,05273524	0,079	0,307
CHR3	7076630	CHR3:7076630	SSF x Far_LoA	-7,04241379	0,070	0,320
CHR3	7077162	CHR3:7077162	SSF x Far_LoA	-9,34911958	-0,018	0,314
CHR3	7077178	CHR3:7077178	SSF x Far_LoA	-9,51279223	0,047	0,315
CHR3	7082185	CHR3:7082185	SSF x Far_LoA	-9,01210844	-0,028	0,317
CHR3	7082239	CHR3:7082239	SSF x Far_LoA	-10,5168659	0,122	0,312
CHR3	7087516	CHR3:7087516	SSF x Far_LoA	-11,4850033	-0,012	0,313
CHR3	7095312	CHR3:7095312	SSF x Far_LoA	-9,5201101	0,042	0,303
CHR3	7099712	CHR3:7099712	SSF x Far_LoA	-9,25911763	0,077	0,300
CHR3	7118879	CHR3:7118879	SSF x Far_LoA	-9,44108743	-0,035	0,307
CHR3	7118969	CHR3:7118969	SSF x Far_LoA	-10,9609611	-0,058	0,298
CHR3	7119054	CHR3:7119054	SSF x Far_LoA	-8,3523007	-0,101	0,304
CHR3	7125305	CHR3:7125305	SSF x Far_LoA	-9,82655641	-0,050	0,313
CHR3	713570	CHR3:713570	SSF x Far_LoA	-10,500776	-0,012	0,294
CHR3	713595	CHR3:713595	SSF x Far_LoA	-9,44847965	-0,038	0,298
CHR3	713655	CHR3:713655	SSF x Far_LoA	-9,49807461	-0,047	0,299
CHR3	713710	CHR3:713710	SSF x Far_LoA	-10,173667	-0,105	0,304
CHR3	7148635	CHR3:7148635	SSF x Far_LoA	-10,2605479	-0,004	0,305
CHR3	7148715	CHR3:7148715	SSF x Far_LoA	-7,20663945	-0,149	0,311
CHR3	7160179	CHR3:7160179	SSF x Far_LoA	-8,86289647	0,013	0,297
CHR3	718092	CHR3:718092	SSF x Far_LoA	-10,3652631	0,018	0,304
CHR3	718106	CHR3:718106	SSF x Far_LoA	-7,85135026	-0,012	0,315
CHR3	718108	CHR3:718108	SSF x Far_LoA	-9,24953979	-0,048	0,302
CHR3	718173	CHR3:718173	SSF x Far_LoA	-9,20415892	-0,060	0,311
CHR3	7181884	CHR3:7181884	SSF x Far_LoA	-8,83245909	0,084	0,311
CHR3	7194362	CHR3:7194362	SSF x Far_LoA	-9,7982858	0,036	0,298
CHR3	7198948	CHR3:7198948	SSF x Far_LoA	-5,37348908	0,123	0,294
CHR3	7208933	CHR3:7208933	SSF x Far_LoA	-9,13716328	0,037	0,313

CHR3	7223179	CHR3:7223179	SSF x Far_LoA	-11,1095043	0,080	0,295
CHR3	7223312	CHR3:7223312	SSF x Far_LoA	-11,9322988	-0,040	0,301
CHR3	7223336	CHR3:7223336	SSF x Far_LoA	-5,52014651	-0,123	0,296
CHR3	7223339	CHR3:7223339	SSF x Far_LoA	-9,65195187	0,004	0,290
CHR3	7230135	CHR3:7230135	SSF x Far_LoA	-9,1443438	0,044	0,305
CHR3	7230144	CHR3:7230144	SSF x Far_LoA	-9,4343007	0,082	0,311
CHR3	7230193	CHR3:7230193	SSF x Far_LoA	-11,2534013	-0,024	0,302
CHR3	7230194	CHR3:7230194	SSF x Far_LoA	-8,66335213	0,022	0,316
CHR3	7230973	CHR3:7230973	SSF x Far_LoA	-12,2174798	-0,037	0,298
CHR3	7230981	CHR3:7230981	SSF x Far_LoA	-9,6867472	0,061	0,317
CHR3	7240016	CHR3:7240016	SSF x Far_LoA	-9,98133612	0,025	0,305
CHR3	7245432	CHR3:7245432	SSF x Far_LoA	-9,13837802	0,024	0,307
CHR3	7245442	CHR3:7245442	SSF x Far_LoA	-8,96186479	-0,040	0,315
CHR3	7245581	CHR3:7245581	SSF x Far_LoA	-10,5056214	0,048	0,300
CHR3	7245686	CHR3:7245686	SSF x Far_LoA	-9,82259234	0,047	0,289
CHR3	7245697	CHR3:7245697	SSF x Far_LoA	-11,1054995	-0,067	0,312
CHR3	7259331	CHR3:7259331	SSF x Far_LoA	-10,7140936	0,011	0,326
CHR3	7278276	CHR3:7278276	SSF x Far_LoA	-9,85530553	0,157	0,314
CHR3	7278374	CHR3:7278374	SSF x Far_LoA	-10,2703403	-0,094	0,309
CHR3	7281345	CHR3:7281345	SSF x Far_LoA	-7,15128365	0,137	0,301
CHR3	7287661	CHR3:7287661	SSF x Far_LoA	-6,8977266	0,179	0,279
CHR3	7287712	CHR3:7287712	SSF x Far_LoA	-8,62885371	-0,150	0,297
CHR3	7287720	CHR3:7287720	SSF x Far_LoA	-11,295293	-0,100	0,296
CHR3	7287735	CHR3:7287735	SSF x Far_LoA	-6,73314795	-0,020	0,327
CHR3	7287743	CHR3:7287743	SSF x Far_LoA	-7,98928948	-0,004	0,310
CHR3	7287772	CHR3:7287772	SSF x Far_LoA	-11,1546729	-0,022	0,310
CHR3	7287777	CHR3:7287777	SSF x Far_LoA	-8,69643616	0,028	0,308
CHR3	7288490	CHR3:7288490	SSF x Far_LoA	-8,83396282	0,010	0,306
CHR3	7288550	CHR3:7288550	SSF x Far_LoA	-8,85132438	-0,011	0,314
CHR3	7290791	CHR3:7290791	SSF x Far_LoA	-8,52314701	0,089	0,309
CHR3	7290793	CHR3:7290793	SSF x Far_LoA	-8,34446717	-0,115	0,304
CHR3	7291534	CHR3:7291534	SSF x Far_LoA	-11,5128789	0,029	0,282
CHR3	7291552	CHR3:7291552	SSF x Far_LoA	-7,47522426	0,179	0,289
CHR3	7291619	CHR3:7291619	SSF x Far_LoA	-8,70221747	0,023	0,301
CHR3	7294410	CHR3:7294410	SSF x Far_LoA	-2,5839519	0,044	0,311
CHR3	7294485	CHR3:7294485	SSF x Far_LoA	-9,79203534	-0,044	0,293
CHR3	7294532	CHR3:7294532	SSF x Far_LoA	-7,27945696	-0,126	0,304
CHR3	7295784	CHR3:7295784	SSF x Far_LoA	-8,1213257	-0,082	0,319
CHR3	7295818	CHR3:7295818	SSF x Far_LoA	-6,92020844	-0,096	0,306
CHR3	7295872	CHR3:7295872	SSF x Far_LoA	-3,75246771	-0,112	0,309
CHR3	7297678	CHR3:7297678	SSF x Far_LoA	-4,84355977	-0,144	0,304
CHR3	7299297	CHR3:7299297	SSF x Far_LoA	-8,33433978	-0,006	0,297
CHR3	7307320	CHR3:7307320	SSF x Far_LoA	-7,10872442	-0,167	0,302
CHR3	7307444	CHR3:7307444	SSF x Far_LoA	-10,0291625	0,064	0,297
CHR3	7307451	CHR3:7307451	SSF x Far_LoA	-8,58314033	0,134	0,291
CHR3	7307454	CHR3:7307454	SSF x Far_LoA	-1,20055277	0,134	0,292
CHR3	7307460	CHR3:7307460	SSF x Far_LoA	-8,79888332	-0,058	0,305
CHR3	7315335	CHR3:7315335	SSF x Far_LoA	-8,37095776	-0,038	0,316
CHR3	7315337	CHR3:7315337	SSF x Far_LoA	-7,00643304	-0,095	0,305
CHR3	7326131	CHR3:7326131	SSF x Far_LoA	-8,84858306	0,102	0,306
CHR3	7326145	CHR3:7326145	SSF x Far_LoA	-7,92506811	0,119	0,303
CHR3	7326168	CHR3:7326168	SSF x Far_LoA	-11,605642	-0,035	0,307
CHR3	7326275	CHR3:7326275	SSF x Far_LoA	-4,69752971	-0,078	0,310

CHR3	7326343	CHR3:7326343	SSF x Far_LoA	-6,79395412	-0,006	0,311
CHR3	7327200	CHR3:7327200	SSF x Far_LoA	-8,97275125	-0,026	0,303
CHR3	7327355	CHR3:7327355	SSF x Far_LoA	-11,4219384	0,017	0,307
CHR3	7327364	CHR3:7327364	SSF x Far_LoA	-8,90329964	0,108	0,309
CHR3	7328591	CHR3:7328591	SSF x Far_LoA	-9,3133174	-0,090	0,319
CHR3	7329419	CHR3:7329419	SSF x Far_LoA	-7,04802114	-0,058	0,303
CHR3	7338381	CHR3:7338381	SSF x Far_LoA	-6,47671479	0,177	0,293
CHR3	7339357	CHR3:7339357	SSF x Far_LoA	-10,5777563	0,123	0,290
CHR3	734242	CHR3:734242	SSF x Far_LoA	-10,6611169	0,000	0,310
CHR3	734365	CHR3:734365	SSF x Far_LoA	-11,5822665	0,006	0,312
CHR3	734370	CHR3:734370	SSF x Far_LoA	-10,1890772	-0,029	0,321
CHR3	7356804	CHR3:7356804	SSF x Far_LoA	-11,5692794	-0,043	0,302
CHR3	7361782	CHR3:7361782	SSF x Far_LoA	-8,46541062	0,088	0,324
CHR3	7361823	CHR3:7361823	SSF x Far_LoA	-9,33850686	0,108	0,288
CHR3	7361879	CHR3:7361879	SSF x Far_LoA	-8,39654929	0,090	0,288
CHR3	7379656	CHR3:7379656	SSF x Far_LoA	-4,02776158	0,024	0,318
CHR3	7379732	CHR3:7379732	SSF x Far_LoA	-7,67729307	-0,035	0,307
CHR3	7381229	CHR3:7381229	SSF x Far_LoA	-9,60084924	-0,072	0,311
CHR3	7381280	CHR3:7381280	SSF x Far_LoA	-8,15481207	0,109	0,292
CHR3	7381281	CHR3:7381281	SSF x Far_LoA	-1,66635391	0,101	0,297
CHR3	7381322	CHR3:7381322	SSF x Far_LoA	-8,54379746	-0,010	0,302
CHR3	7381329	CHR3:7381329	SSF x Far_LoA	-8,82516642	-0,103	0,306
CHR3	7381358	CHR3:7381358	SSF x Far_LoA	-9,02156019	-0,063	0,304
CHR3	7381580	CHR3:7381580	SSF x Far_LoA	-10,2972365	0,108	0,292
CHR3	7383995	CHR3:7383995	SSF x Far_LoA	-8,71531509	-0,058	0,311
CHR3	7384047	CHR3:7384047	SSF x Far_LoA	-8,61070918	0,116	0,293
CHR3	7384048	CHR3:7384048	SSF x Far_LoA	-7,6809781	0,124	0,294
CHR3	7384049	CHR3:7384049	SSF x Far_LoA	-11,5943039	-0,055	0,297
CHR3	7384069	CHR3:7384069	SSF x Far_LoA	-8,67725176	-0,089	0,302
CHR3	7384080	CHR3:7384080	SSF x Far_LoA	-5,78428531	-0,142	0,303
CHR3	7384098	CHR3:7384098	SSF x Far_LoA	-6,77265675	-0,130	0,298
CHR3	7399668	CHR3:7399668	SSF x Far_LoA	-9,55185556	0,039	0,299
CHR3	7399950	CHR3:7399950	SSF x Far_LoA	-8,59825196	0,074	0,303
CHR3	740892	CHR3:740892	SSF x Far_LoA	-9,19121303	-0,024	0,304
CHR3	740945	CHR3:740945	SSF x Far_LoA	-8,06698714	0,026	0,314
CHR3	740950	CHR3:740950	SSF x Far_LoA	-11,1971864	-0,021	0,306
CHR3	740998	CHR3:740998	SSF x Far_LoA	-9,22142028	-0,055	0,309
CHR3	741082	CHR3:741082	SSF x Far_LoA	-9,9625422	0,074	0,308
CHR3	7413421	CHR3:7413421	SSF x Far_LoA	-4,09811359	-0,134	0,306
CHR3	7413425	CHR3:7413425	SSF x Far_LoA	-9,607049	-0,005	0,307
CHR3	7413492	CHR3:7413492	SSF x Far_LoA	-7,54473215	-0,151	0,300
CHR3	7413554	CHR3:7413554	SSF x Far_LoA	-10,7174127	-0,045	0,298
CHR3	7436155	CHR3:7436155	SSF x Far_LoA	-8,13094195	0,084	0,305
CHR3	7436227	CHR3:7436227	SSF x Far_LoA	-7,95283471	0,030	0,312
CHR3	7436253	CHR3:7436253	SSF x Far_LoA	-9,23051999	-0,070	0,306
CHR3	7440204	CHR3:7440204	SSF x Far_LoA	-4,25438168	0,186	0,296
CHR3	7449378	CHR3:7449378	SSF x Far_LoA	2,35678732	-0,069	0,314
CHR3	7456343	CHR3:7456343	SSF x Far_LoA	-9,05416988	-0,056	0,307
CHR3	7456356	CHR3:7456356	SSF x Far_LoA	-8,83463336	-0,058	0,310
CHR3	7462350	CHR3:7462350	SSF x Far_LoA	-7,59545474	-0,053	0,300
CHR3	7462394	CHR3:7462394	SSF x Far_LoA	-9,86226147	-0,088	0,295
CHR3	7481745	CHR3:7481745	SSF x Far_LoA	-8,83784763	-0,064	0,302
CHR3	7481787	CHR3:7481787	SSF x Far_LoA	-9,63968964	0,153	0,283

CHR3	7481813	CHR3:7481813	SSF x Far_LoA	-5,92307756	-0,100	0,319
CHR3	7481863	CHR3:7481863	SSF x Far_LoA	-8,23671497	-0,098	0,304
CHR3	7481934	CHR3:7481934	SSF x Far_LoA	-8,62558887	-0,085	0,305
CHR3	7492985	CHR3:7492985	SSF x Far_LoA	-9,57724616	-0,104	0,315
CHR3	7493121	CHR3:7493121	SSF x Far_LoA	-10,7893209	0,127	0,293
CHR3	7495422	CHR3:7495422	SSF x Far_LoA	-8,09635302	0,008	0,325
CHR3	7495447	CHR3:7495447	SSF x Far_LoA	-7,05904695	0,133	0,305
CHR3	7503274	CHR3:7503274	SSF x Far_LoA	-8,8842337	0,100	0,304
CHR3	752587	CHR3:752587	SSF x Far_LoA	-9,49920371	-0,058	0,315
CHR3	752636	CHR3:752636	SSF x Far_LoA	-8,94397138	0,001	0,301
CHR3	752680	CHR3:752680	SSF x Far_LoA	-7,34833131	-0,010	0,298
CHR3	752725	CHR3:752725	SSF x Far_LoA	-10,5487869	0,044	0,309
CHR3	752805	CHR3:752805	SSF x Far_LoA	-0,68047391	0,131	0,301
CHR3	7530855	CHR3:7530855	SSF x Far_LoA	-9,39902821	-0,071	0,317
CHR3	7530909	CHR3:7530909	SSF x Far_LoA	-8,84959351	-0,015	0,300
CHR3	7530912	CHR3:7530912	SSF x Far_LoA	-8,80790544	-0,117	0,298
CHR3	7530959	CHR3:7530959	SSF x Far_LoA	-8,79285124	0,007	0,297
CHR3	7536429	CHR3:7536429	SSF x Far_LoA	-9,28705951	0,008	0,298
CHR3	7536561	CHR3:7536561	SSF x Far_LoA	-10,7843885	-0,048	0,316
CHR3	7536567	CHR3:7536567	SSF x Far_LoA	-8,82023011	-0,076	0,308
CHR3	7536596	CHR3:7536596	SSF x Far_LoA	-10,2677784	-0,060	0,327
CHR3	7548230	CHR3:7548230	SSF x Far_LoA	-8,95466019	-0,004	0,311
CHR3	7548231	CHR3:7548231	SSF x Far_LoA	-8,6320258	-0,025	0,305
CHR3	7548379	CHR3:7548379	SSF x Far_LoA	-11,5817921	-0,027	0,303
CHR3	7549186	CHR3:7549186	SSF x Far_LoA	-10,9889849	-0,046	0,313
CHR3	7551491	CHR3:7551491	SSF x Far_LoA	-10,6429504	-0,088	0,317
CHR3	7551499	CHR3:7551499	SSF x Far_LoA	-11,6534937	-0,040	0,296
CHR3	7555844	CHR3:7555844	SSF x Far_LoA	-10,4557909	0,053	0,294
CHR3	7559116	CHR3:7559116	SSF x Far_LoA	-9,83573835	-0,024	0,311
CHR3	7559221	CHR3:7559221	SSF x Far_LoA	-9,26413239	0,022	0,300
CHR3	7559336	CHR3:7559336	SSF x Far_LoA	-10,18056	-0,084	0,300
CHR3	756544	CHR3:756544	SSF x Far_LoA	-8,53655715	-0,086	0,322
CHR3	756595	CHR3:756595	SSF x Far_LoA	-10,4150428	-0,013	0,299
CHR3	756682	CHR3:756682	SSF x Far_LoA	-10,2325813	-0,009	0,304
CHR3	7567543	CHR3:7567543	SSF x Far_LoA	-8,11113975	-0,063	0,308
CHR3	7567606	CHR3:7567606	SSF x Far_LoA	-9,9824769	-0,069	0,317
CHR3	7571214	CHR3:7571214	SSF x Far_LoA	-8,86930991	0,068	0,302
CHR3	7572740	CHR3:7572740	SSF x Far_LoA	-6,4806681	0,216	0,297
CHR3	7578609	CHR3:7578609	SSF x Far_LoA	-10,6478797	-0,110	0,301
CHR3	7578645	CHR3:7578645	SSF x Far_LoA	-11,9997046	-0,016	0,310
CHR3	7578726	CHR3:7578726	SSF x Far_LoA	-8,65042594	0,055	0,294
CHR3	7578737	CHR3:7578737	SSF x Far_LoA	-8,69285609	0,134	0,292
CHR3	7591204	CHR3:7591204	SSF x Far_LoA	-6,95981012	-0,076	0,324
CHR3	7591213	CHR3:7591213	SSF x Far_LoA	-8,22944221	0,030	0,307
CHR3	7591218	CHR3:7591218	SSF x Far_LoA	-8,48382106	-0,080	0,318
CHR3	7591227	CHR3:7591227	SSF x Far_LoA	-8,51113864	-0,075	0,318
CHR3	7605221	CHR3:7605221	SSF x Far_LoA	-10,9496871	0,047	0,304
CHR3	7605389	CHR3:7605389	SSF x Far_LoA	-9,84036361	-0,052	0,307
CHR3	7609303	CHR3:7609303	SSF x Far_LoA	-8,91534441	-0,041	0,312
CHR3	7609316	CHR3:7609316	SSF x Far_LoA	-9,38396598	-0,011	0,309
CHR3	7609321	CHR3:7609321	SSF x Far_LoA	-8,35540263	-0,086	0,315
CHR3	7609370	CHR3:7609370	SSF x Far_LoA	-10,1137308	-0,120	0,298
CHR3	7609391	CHR3:7609391	SSF x Far_LoA	-8,66083036	-0,056	0,308

CHR3	7613446	CHR3:7613446	SSF x Far_LoA	-9,62791806	-0,079	0,289
CHR3	7613461	CHR3:7613461	SSF x Far_LoA	-9,82501095	-0,046	0,288
CHR3	7627215	CHR3:7627215	SSF x Far_LoA	-12,1550553	0,030	0,305
CHR3	7627234	CHR3:7627234	SSF x Far_LoA	-11,0622398	0,036	0,309
CHR3	7627274	CHR3:7627274	SSF x Far_LoA	-8,37587548	-0,049	0,311
CHR3	7627304	CHR3:7627304	SSF x Far_LoA	-9,3015325	-0,048	0,319
CHR3	7627372	CHR3:7627372	SSF x Far_LoA	-9,60520922	0,013	0,303
CHR3	7630116	CHR3:7630116	SSF x Far_LoA	-9,67490552	0,084	0,305
CHR3	7630138	CHR3:7630138	SSF x Far_LoA	-10,715753	0,040	0,321
CHR3	7630160	CHR3:7630160	SSF x Far_LoA	-11,8755233	-0,017	0,309
CHR3	7630204	CHR3:7630204	SSF x Far_LoA	-4,02175328	0,135	0,315
CHR3	7630219	CHR3:7630219	SSF x Far_LoA	-7,19017746	0,164	0,296
CHR3	7630249	CHR3:7630249	SSF x Far_LoA	-6,31318872	0,018	0,312
CHR3	7630269	CHR3:7630269	SSF x Far_LoA	-4,58179468	-0,153	0,299
CHR3	7630362	CHR3:7630362	SSF x Far_LoA	-9,42360039	0,075	0,300
CHR3	7645065	CHR3:7645065	SSF x Far_LoA	-10,8039291	-0,025	0,314
CHR3	7645092	CHR3:7645092	SSF x Far_LoA	-9,11099341	-0,122	0,303
CHR3	7653556	CHR3:7653556	SSF x Far_LoA	-11,0913244	-0,095	0,302
CHR3	7654587	CHR3:7654587	SSF x Far_LoA	-7,91391101	-0,120	0,303
CHR3	7665034	CHR3:7665034	SSF x Far_LoA	18,4829824	0,162	0,293
CHR3	7665053	CHR3:7665053	SSF x Far_LoA	-10,6819704	0,036	0,301
CHR3	7665089	CHR3:7665089	SSF x Far_LoA	-9,18056154	0,053	0,305
CHR3	7665091	CHR3:7665091	SSF x Far_LoA	-8,52998439	-0,019	0,318
CHR3	7668123	CHR3:7668123	SSF x Far_LoA	-10,5728279	0,076	0,302
CHR3	7674823	CHR3:7674823	SSF x Far_LoA	-11,0220103	0,096	0,297
CHR3	7676388	CHR3:7676388	SSF x Far_LoA	-9,92285433	0,031	0,313
CHR3	7681145	CHR3:7681145	SSF x Far_LoA	-12,3278924	-0,021	0,316
CHR3	7681166	CHR3:7681166	SSF x Far_LoA	-9,02748497	0,023	0,300
CHR3	7681187	CHR3:7681187	SSF x Far_LoA	-11,9698684	0,058	0,306
CHR3	7681303	CHR3:7681303	SSF x Far_LoA	-9,41953899	0,058	0,314
CHR3	7689826	CHR3:7689826	SSF x Far_LoA	-6,2098306	0,166	0,298
CHR3	7689835	CHR3:7689835	SSF x Far_LoA	-11,159829	-0,027	0,311
CHR3	7689836	CHR3:7689836	SSF x Far_LoA	-9,46686057	0,032	0,315
CHR3	7689855	CHR3:7689855	SSF x Far_LoA	-9,21746663	-0,020	0,314
CHR3	7701127	CHR3:7701127	SSF x Far_LoA	-11,0609115	0,016	0,305
CHR3	773366	CHR3:773366	SSF x Far_LoA	-8,3968348	-0,153	0,308
CHR3	7733856	CHR3:7733856	SSF x Far_LoA	-8,97403736	-0,048	0,314
CHR3	7733868	CHR3:7733868	SSF x Far_LoA	-8,84402184	0,000	0,318
CHR3	7733890	CHR3:7733890	SSF x Far_LoA	-10,6914608	0,046	0,313
CHR3	7733953	CHR3:7733953	SSF x Far_LoA	-8,65243035	0,037	0,314
CHR3	7734021	CHR3:7734021	SSF x Far_LoA	-6,37751287	-0,132	0,323
CHR3	7738650	CHR3:7738650	SSF x Far_LoA	-8,91103096	-0,041	0,317
CHR3	7738694	CHR3:7738694	SSF x Far_LoA	-10,905453	-0,045	0,306
CHR3	7738757	CHR3:7738757	SSF x Far_LoA	-9,10683993	-0,014	0,302
CHR3	7738767	CHR3:7738767	SSF x Far_LoA	-7,20923797	0,004	0,312
CHR3	7738831	CHR3:7738831	SSF x Far_LoA	-11,8421378	0,063	0,291
CHR3	7738895	CHR3:7738895	SSF x Far_LoA	-10,0829345	-0,002	0,303
CHR3	7740330	CHR3:7740330	SSF x Far_LoA	-9,86419423	0,131	0,293
CHR3	7746203	CHR3:7746203	SSF x Far_LoA	-10,0323951	-0,102	0,317
CHR3	7746210	CHR3:7746210	SSF x Far_LoA	-8,47459078	0,050	0,317
CHR3	774768	CHR3:774768	SSF x Far_LoA	-7,22577887	-0,102	0,312
CHR3	7749977	CHR3:7749977	SSF x Far_LoA	-10,5670284	0,057	0,302
CHR3	7750019	CHR3:7750019	SSF x Far_LoA	-9,94503418	-0,047	0,320

CHR3	7750059	CHR3:7750059	SSF x Far_LoA	-8,87019669	-0,017	0,302
CHR3	775019	CHR3:775019	SSF x Far_LoA	-9,15296859	-0,063	0,310
CHR3	7753194	CHR3:7753194	SSF x Far_LoA	-11,2019794	-0,030	0,309
CHR3	7753362	CHR3:7753362	SSF x Far_LoA	-10,3445949	-0,060	0,314
CHR3	7753379	CHR3:7753379	SSF x Far_LoA	-9,38926103	0,027	0,309
CHR3	7753390	CHR3:7753390	SSF x Far_LoA	-8,77238466	-0,077	0,304
CHR3	7753392	CHR3:7753392	SSF x Far_LoA	-10,5018924	-0,094	0,301
CHR3	7753453	CHR3:7753453	SSF x Far_LoA	-8,61360741	0,083	0,319
CHR3	7772076	CHR3:7772076	SSF x Far_LoA	-8,48265595	0,032	0,310
CHR3	7772212	CHR3:7772212	SSF x Far_LoA	-9,65996455	0,031	0,300
CHR3	7778653	CHR3:7778653	SSF x Far_LoA	-10,8599579	0,040	0,298
CHR3	7778719	CHR3:7778719	SSF x Far_LoA	-10,2534522	-0,112	0,298
CHR3	7791360	CHR3:7791360	SSF x Far_LoA	-6,81283466	-0,152	0,300
CHR3	7791387	CHR3:7791387	SSF x Far_LoA	-7,18225691	-0,143	0,298
CHR3	7791437	CHR3:7791437	SSF x Far_LoA	-5,53882854	-0,192	0,307
CHR3	7791469	CHR3:7791469	SSF x Far_LoA	-7,82341901	-0,097	0,306
CHR3	7791886	CHR3:7791886	SSF x Far_LoA	-9,71087253	-0,088	0,313
CHR3	7799359	CHR3:7799359	SSF x Far_LoA	-9,59991437	0,115	0,300
CHR3	7799531	CHR3:7799531	SSF x Far_LoA	-10,3187678	0,130	0,310
CHR3	7799748	CHR3:7799748	SSF x Far_LoA	-10,1611684	0,013	0,318
CHR3	7809158	CHR3:7809158	SSF x Far_LoA	-7,27340402	0,094	0,289
CHR3	7809175	CHR3:7809175	SSF x Far_LoA	-7,83781249	0,098	0,316
CHR3	7810762	CHR3:7810762	SSF x Far_LoA	-10,8507765	0,007	0,294
CHR3	7810854	CHR3:7810854	SSF x Far_LoA	-9,47306923	0,006	0,300
CHR3	7810928	CHR3:7810928	SSF x Far_LoA	-11,4359895	0,107	0,305
CHR3	7810985	CHR3:7810985	SSF x Far_LoA	-9,96559097	0,027	0,310
CHR3	7826100	CHR3:7826100	SSF x Far_LoA	-10,7518249	-0,023	0,296
CHR3	7830133	CHR3:7830133	SSF x Far_LoA	-10,3980477	-0,058	0,302
CHR3	7830136	CHR3:7830136	SSF x Far_LoA	-10,0907041	0,082	0,305
CHR3	7838919	CHR3:7838919	SSF x Far_LoA	-10,0435764	-0,008	0,309
CHR3	7838967	CHR3:7838967	SSF x Far_LoA	-11,6446405	-0,037	0,304
CHR3	7840115	CHR3:7840115	SSF x Far_LoA	-10,3647961	-0,002	0,298
CHR3	785087	CHR3:785087	SSF x Far_LoA	-8,15418293	0,039	0,313
CHR3	7856903	CHR3:7856903	SSF x Far_LoA	-12,4133362	-0,012	0,307
CHR3	7861007	CHR3:7861007	SSF x Far_LoA	-8,63138938	0,075	0,312
CHR3	7861018	CHR3:7861018	SSF x Far_LoA	-10,5996744	0,048	0,301
CHR3	7861023	CHR3:7861023	SSF x Far_LoA	-9,20800277	0,080	0,303
CHR3	7861026	CHR3:7861026	SSF x Far_LoA	-6,1371547	-0,042	0,318
CHR3	7861041	CHR3:7861041	SSF x Far_LoA	-6,07412273	0,090	0,272
CHR3	7861079	CHR3:7861079	SSF x Far_LoA	-11,2260761	0,048	0,313
CHR3	7861111	CHR3:7861111	SSF x Far_LoA	-10,5745019	0,049	0,299
CHR3	7861134	CHR3:7861134	SSF x Far_LoA	-10,361304	0,043	0,300
CHR3	7861146	CHR3:7861146	SSF x Far_LoA	-10,7787892	0,073	0,294
CHR3	7861176	CHR3:7861176	SSF x Far_LoA	-9,90997403	-0,043	0,309
CHR3	7863321	CHR3:7863321	SSF x Far_LoA	-10,940197	0,046	0,305
CHR3	7883220	CHR3:7883220	SSF x Far_LoA	-10,1410666	-0,146	0,303
CHR3	7917387	CHR3:7917387	SSF x Far_LoA	-8,39151115	0,021	0,308
CHR3	7928184	CHR3:7928184	SSF x Far_LoA	-11,23167	-0,067	0,314
CHR3	7928205	CHR3:7928205	SSF x Far_LoA	-8,71856297	0,005	0,308
CHR3	7928392	CHR3:7928392	SSF x Far_LoA	-11,0146161	-0,008	0,305
CHR3	7935309	CHR3:7935309	SSF x Far_LoA	-9,84626383	0,074	0,298
CHR3	7935451	CHR3:7935451	SSF x Far_LoA	-10,9409243	-0,007	0,314
CHR3	7936996	CHR3:7936996	SSF x Far_LoA	-10,4906695	0,051	0,309

CHR3	7937102	CHR3:7937102	SSF x Far_LoA	-9,96872703	0,072	0,297
CHR3	7937165	CHR3:7937165	SSF x Far_LoA	-9,30535342	-0,040	0,306
CHR3	7943623	CHR3:7943623	SSF x Far_LoA	-6,58357158	0,204	0,286
CHR3	7943656	CHR3:7943656	SSF x Far_LoA	-5,81643623	-0,105	0,304
CHR3	7944494	CHR3:7944494	SSF x Far_LoA	-10,0426606	-0,037	0,318
CHR3	7944511	CHR3:7944511	SSF x Far_LoA	-10,416897	-0,025	0,317
CHR3	7944684	CHR3:7944684	SSF x Far_LoA	-8,4232642	-0,005	0,302
CHR3	7951571	CHR3:7951571	SSF x Far_LoA	-8,33410309	0,132	0,292
CHR3	7956146	CHR3:7956146	SSF x Far_LoA	-10,0250778	-0,057	0,318
CHR3	7956209	CHR3:7956209	SSF x Far_LoA	-7,9785927	0,109	0,297
CHR3	7956277	CHR3:7956277	SSF x Far_LoA	-8,52681126	0,040	0,298
CHR3	7968327	CHR3:7968327	SSF x Far_LoA	-7,93064702	-0,014	0,306
CHR3	7975362	CHR3:7975362	SSF x Far_LoA	-8,82244346	-0,052	0,301
CHR3	7975479	CHR3:7975479	SSF x Far_LoA	-9,27325303	-0,119	0,311
CHR3	7988786	CHR3:7988786	SSF x Far_LoA	-9,11149923	0,072	0,312
CHR3	7989760	CHR3:7989760	SSF x Far_LoA	-8,71659752	0,030	0,319
CHR3	8032586	CHR3:8032586	SSF x Far_LoA	-8,75548676	-0,038	0,314
CHR3	8035811	CHR3:8035811	SSF x Far_LoA	-10,7313894	0,032	0,297
CHR3	8035887	CHR3:8035887	SSF x Far_LoA	-9,31631566	-0,067	0,305
CHR3	8035907	CHR3:8035907	SSF x Far_LoA	-8,12908213	-0,079	0,302
CHR3	8035948	CHR3:8035948	SSF x Far_LoA	-10,5545305	-0,063	0,321
CHR3	8051878	CHR3:8051878	SSF x Far_LoA	-8,94486312	-0,049	0,302
CHR3	8051917	CHR3:8051917	SSF x Far_LoA	-10,4423026	0,011	0,289
CHR3	8051995	CHR3:8051995	SSF x Far_LoA	-9,18770245	-0,004	0,321
CHR3	8057677	CHR3:8057677	SSF x Far_LoA	-10,7984974	0,043	0,313
CHR3	8057685	CHR3:8057685	SSF x Far_LoA	-9,6791704	-0,060	0,298
CHR3	8057737	CHR3:8057737	SSF x Far_LoA	-10,2902913	-0,020	0,302
CHR3	8057751	CHR3:8057751	SSF x Far_LoA	-4,89648835	-0,091	0,305
CHR3	8058685	CHR3:8058685	SSF x Far_LoA	-9,38683434	-0,007	0,313
CHR3	8065101	CHR3:8065101	SSF x Far_LoA	-9,56873634	0,016	0,320
CHR3	8065181	CHR3:8065181	SSF x Far_LoA	-10,4777799	0,036	0,297
CHR3	8065334	CHR3:8065334	SSF x Far_LoA	-9,67238311	0,042	0,311
CHR3	8065351	CHR3:8065351	SSF x Far_LoA	-8,48767517	0,000	0,313
CHR3	8065388	CHR3:8065388	SSF x Far_LoA	-9,16042551	-0,013	0,308
CHR3	8065396	CHR3:8065396	SSF x Far_LoA	-9,53817047	0,025	0,306
CHR3	8067858	CHR3:8067858	SSF x Far_LoA	-8,68979206	0,057	0,316
CHR3	8074333	CHR3:8074333	SSF x Far_LoA	-5,97341272	-0,095	0,300
CHR3	8074342	CHR3:8074342	SSF x Far_LoA	-7,97873181	0,141	0,292
CHR3	808509	CHR3:808509	SSF x Far_LoA	-8,34745563	-0,058	0,295
CHR3	808553	CHR3:808553	SSF x Far_LoA	-7,13423975	-0,118	0,302
CHR3	8087416	CHR3:8087416	SSF x Far_LoA	-7,29530732	0,175	0,288
CHR3	8087489	CHR3:8087489	SSF x Far_LoA	-8,88568634	0,145	0,300
CHR3	8087517	CHR3:8087517	SSF x Far_LoA	-9,11761992	0,023	0,307
CHR3	8089408	CHR3:8089408	SSF x Far_LoA	-10,6033751	-0,042	0,312
CHR3	8089654	CHR3:8089654	SSF x Far_LoA	-11,211665	0,030	0,307
CHR3	8101092	CHR3:8101092	SSF x Far_LoA	-9,98266963	-0,032	0,310
CHR3	8101312	CHR3:8101312	SSF x Far_LoA	-12,0692563	-0,061	0,302
CHR3	8104469	CHR3:8104469	SSF x Far_LoA	-11,0795994	-0,075	0,297
CHR3	8104578	CHR3:8104578	SSF x Far_LoA	-6,42536308	-0,058	0,311
CHR3	8107155	CHR3:8107155	SSF x Far_LoA	-6,2861777	-0,017	0,301
CHR3	8107225	CHR3:8107225	SSF x Far_LoA	-9,47001873	-0,048	0,317
CHR3	8109977	CHR3:8109977	SSF x Far_LoA	-0,69046188	0,117	0,306
CHR3	8110011	CHR3:8110011	SSF x Far_LoA	-6,69972019	0,243	0,282

CHR3	8110039	CHR3:8110039	SSF x Far_LoA	-8,08869579	0,024	0,297
CHR3	8110041	CHR3:8110041	SSF x Far_LoA	-8,64048204	0,077	0,297
CHR3	8110056	CHR3:8110056	SSF x Far_LoA	-9,92566533	-0,119	0,314
CHR3	8110060	CHR3:8110060	SSF x Far_LoA	-11,1784802	-0,118	0,309
CHR3	8110089	CHR3:8110089	SSF x Far_LoA	-11,016878	0,035	0,310
CHR3	8110096	CHR3:8110096	SSF x Far_LoA	-10,6383194	0,071	0,310
CHR3	8110107	CHR3:8110107	SSF x Far_LoA	-9,74516306	0,113	0,298
CHR3	8110146	CHR3:8110146	SSF x Far_LoA	-11,8888855	-0,051	0,309
CHR3	8133828	CHR3:8133828	SSF x Far_LoA	-8,38159946	-0,088	0,299
CHR3	8133864	CHR3:8133864	SSF x Far_LoA	-6,81730283	-0,045	0,303
CHR3	814364	CHR3:814364	SSF x Far_LoA	-9,79534744	-0,113	0,303
CHR3	8145863	CHR3:8145863	SSF x Far_LoA	-10,4895462	0,035	0,309
CHR3	8145998	CHR3:8145998	SSF x Far_LoA	-7,87365861	-0,094	0,316
CHR3	814602	CHR3:814602	SSF x Far_LoA	-10,6005272	-0,018	0,306
CHR3	8155543	CHR3:8155543	SSF x Far_LoA	-5,78100315	-0,146	0,306
CHR3	8155572	CHR3:8155572	SSF x Far_LoA	-10,1154259	0,083	0,304
CHR3	8155580	CHR3:8155580	SSF x Far_LoA	-11,0030316	0,083	0,321
CHR3	8155741	CHR3:8155741	SSF x Far_LoA	-9,75437143	-0,073	0,312
CHR3	8155770	CHR3:8155770	SSF x Far_LoA	-10,0250152	-0,072	0,320
CHR3	8155786	CHR3:8155786	SSF x Far_LoA	-9,26413959	-0,072	0,319
CHR3	8155795	CHR3:8155795	SSF x Far_LoA	-8,68897086	-0,036	0,305
CHR3	8172184	CHR3:8172184	SSF x Far_LoA	-10,8997878	-0,028	0,310
CHR3	8172206	CHR3:8172206	SSF x Far_LoA	-6,82489531	0,115	0,301
CHR3	8172414	CHR3:8172414	SSF x Far_LoA	-9,0342416	0,128	0,301
CHR3	8183132	CHR3:8183132	SSF x Far_LoA	-7,04516328	0,086	0,301
CHR3	8183171	CHR3:8183171	SSF x Far_LoA	-11,0189804	0,086	0,304
CHR3	8183218	CHR3:8183218	SSF x Far_LoA	-10,7449259	-0,082	0,314
CHR3	8183260	CHR3:8183260	SSF x Far_LoA	-9,24646334	-0,126	0,311
CHR3	8183277	CHR3:8183277	SSF x Far_LoA	-7,70174157	-0,169	0,316
CHR3	8183300	CHR3:8183300	SSF x Far_LoA	-11,7970359	-0,057	0,304
CHR3	8183303	CHR3:8183303	SSF x Far_LoA	-5,71448183	-0,026	0,318
CHR3	8189011	CHR3:8189011	SSF x Far_LoA	-11,5691219	-0,066	0,293
CHR3	8189062	CHR3:8189062	SSF x Far_LoA	-9,66194758	-0,122	0,303
CHR3	8189092	CHR3:8189092	SSF x Far_LoA	-8,01398846	-0,075	0,310
CHR3	8189113	CHR3:8189113	SSF x Far_LoA	-11,6180429	-0,033	0,308
CHR3	8194148	CHR3:8194148	SSF x Far_LoA	-10,9883799	-0,019	0,310
CHR3	8194325	CHR3:8194325	SSF x Far_LoA	-8,96330394	-0,015	0,297
CHR3	8194328	CHR3:8194328	SSF x Far_LoA	-8,64622529	-0,080	0,297
CHR3	8194380	CHR3:8194380	SSF x Far_LoA	-10,3600472	-0,112	0,293
CHR3	819570	CHR3:819570	SSF x Far_LoA	-8,11171032	0,061	0,307
CHR3	819613	CHR3:819613	SSF x Far_LoA	-4,2258045	0,192	0,301
CHR3	8205500	CHR3:8205500	SSF x Far_LoA	-9,4503898	0,058	0,319
CHR3	821206	CHR3:821206	SSF x Far_LoA	-8,62440538	0,031	0,307
CHR3	821227	CHR3:821227	SSF x Far_LoA	-9,01809622	-0,038	0,312
CHR3	8213030	CHR3:8213030	SSF x Far_LoA	-10,127129	-0,110	0,296
CHR3	8213216	CHR3:8213216	SSF x Far_LoA	-9,74575197	-0,024	0,305
CHR3	821324	CHR3:821324	SSF x Far_LoA	-9,08283446	0,056	0,302
CHR3	8215510	CHR3:8215510	SSF x Far_LoA	-5,03477357	-0,217	0,304
CHR3	8215533	CHR3:8215533	SSF x Far_LoA	-8,96452739	0,067	0,295
CHR3	8215569	CHR3:8215569	SSF x Far_LoA	-9,42586577	-0,067	0,297
CHR3	8215577	CHR3:8215577	SSF x Far_LoA	-8,4499671	-0,003	0,312
CHR3	8238680	CHR3:8238680	SSF x Far_LoA	-9,22585161	-0,059	0,305
CHR3	8238735	CHR3:8238735	SSF x Far_LoA	-7,24892781	0,008	0,315

CHR3	8239358	CHR3:8239358	SSF x Far_LoA	-8,43097767	0,120	0,302
CHR3	8239368	CHR3:8239368	SSF x Far_LoA	-9,28471601	-0,057	0,310
CHR3	8244449	CHR3:8244449	SSF x Far_LoA	-10,664601	-0,024	0,316
CHR3	8260564	CHR3:8260564	SSF x Far_LoA	-8,76273101	0,037	0,305
CHR3	8260578	CHR3:8260578	SSF x Far_LoA	-9,45375717	0,058	0,298
CHR3	8260584	CHR3:8260584	SSF x Far_LoA	-9,7314158	0,056	0,295
CHR3	8260630	CHR3:8260630	SSF x Far_LoA	-9,24968189	0,093	0,295
CHR3	8260639	CHR3:8260639	SSF x Far_LoA	-9,32442209	0,101	0,289
CHR3	8260654	CHR3:8260654	SSF x Far_LoA	-9,35421753	-0,071	0,297
CHR3	8260659	CHR3:8260659	SSF x Far_LoA	-10,5142827	0,025	0,304
CHR3	8260748	CHR3:8260748	SSF x Far_LoA	-6,2981217	-0,152	0,299
CHR3	8264209	CHR3:8264209	SSF x Far_LoA	-10,2911783	-0,062	0,310
CHR3	8264297	CHR3:8264297	SSF x Far_LoA	-8,91937533	-0,079	0,298
CHR3	8264352	CHR3:8264352	SSF x Far_LoA	-9,1976253	0,071	0,302
CHR3	8264366	CHR3:8264366	SSF x Far_LoA	-7,81725267	0,096	0,303
CHR3	8264370	CHR3:8264370	SSF x Far_LoA	-8,01536423	0,056	0,304
CHR3	8264420	CHR3:8264420	SSF x Far_LoA	-10,6984351	-0,047	0,308
CHR3	8264437	CHR3:8264437	SSF x Far_LoA	-8,28324117	-0,087	0,301
CHR3	8273703	CHR3:8273703	SSF x Far_LoA	-4,24735019	-0,093	0,306
CHR3	8273716	CHR3:8273716	SSF x Far_LoA	-10,2576548	-0,110	0,302
CHR3	8273865	CHR3:8273865	SSF x Far_LoA	-8,51269449	-0,170	0,297
CHR3	8273880	CHR3:8273880	SSF x Far_LoA	-10,034355	-0,121	0,303
CHR3	8288624	CHR3:8288624	SSF x Far_LoA	-7,8700066	-0,010	0,299
CHR3	8296994	CHR3:8296994	SSF x Far_LoA	-7,89196236	-0,092	0,301
CHR3	8297009	CHR3:8297009	SSF x Far_LoA	-9,75090776	-0,030	0,305
CHR3	8307619	CHR3:8307619	SSF x Far_LoA	-7,40235797	0,085	0,311
CHR3	8319055	CHR3:8319055	SSF x Far_LoA	-10,4561008	0,019	0,307
CHR3	8325074	CHR3:8325074	SSF x Far_LoA	-8,64350762	-0,013	0,321
CHR3	8325115	CHR3:8325115	SSF x Far_LoA	-8,15379343	0,053	0,316
CHR3	8333359	CHR3:8333359	SSF x Far_LoA	-11,8048625	-0,007	0,306
CHR3	8339099	CHR3:8339099	SSF x Far_LoA	-8,92108002	0,053	0,321
CHR3	8339102	CHR3:8339102	SSF x Far_LoA	-11,4643943	-0,004	0,308
CHR3	835322	CHR3:835322	SSF x Far_LoA	-11,9055346	-0,057	0,284
CHR3	835340	CHR3:835340	SSF x Far_LoA	-11,5292262	0,060	0,305
CHR3	835409	CHR3:835409	SSF x Far_LoA	-9,85293018	-0,029	0,307
CHR3	8382667	CHR3:8382667	SSF x Far_LoA	-9,82417742	0,049	0,304
CHR3	8388495	CHR3:8388495	SSF x Far_LoA	-10,1260649	0,128	0,315
CHR3	8388525	CHR3:8388525	SSF x Far_LoA	-8,44146776	0,056	0,311
CHR3	840413	CHR3:840413	SSF x Far_LoA	-2,57024236	-0,160	0,306
CHR3	840417	CHR3:840417	SSF x Far_LoA	-8,17847428	-0,118	0,306
CHR3	840471	CHR3:840471	SSF x Far_LoA	-9,52417776	-0,097	0,302
CHR3	8408539	CHR3:8408539	SSF x Far_LoA	-9,17914449	0,064	0,322
CHR3	8408563	CHR3:8408563	SSF x Far_LoA	-10,526734	-0,104	0,313
CHR3	8408568	CHR3:8408568	SSF x Far_LoA	-9,78332635	-0,009	0,318
CHR3	8408612	CHR3:8408612	SSF x Far_LoA	-9,9062304	-0,042	0,313
CHR3	8408841	CHR3:8408841	SSF x Far_LoA	-11,412828	-0,052	0,301
CHR3	8417695	CHR3:8417695	SSF x Far_LoA	-8,48529918	0,071	0,316
CHR3	8417809	CHR3:8417809	SSF x Far_LoA	-10,8241143	-0,047	0,303
CHR3	8417884	CHR3:8417884	SSF x Far_LoA	-9,43906321	0,137	0,298
CHR3	8417915	CHR3:8417915	SSF x Far_LoA	-8,84159218	-0,035	0,317
CHR3	8429533	CHR3:8429533	SSF x Far_LoA	-10,8352875	-0,032	0,295
CHR3	8429593	CHR3:8429593	SSF x Far_LoA	-9,46439575	-0,096	0,311
CHR3	8429597	CHR3:8429597	SSF x Far_LoA	-11,221198	0,064	0,290

CHR3	8429603	CHR3:8429603	SSF x Far_LoA	-8,23714022	-0,143	0,306
CHR3	8429612	CHR3:8429612	SSF x Far_LoA	-7,45106907	0,141	0,308
CHR3	8429667	CHR3:8429667	SSF x Far_LoA	-7,01456373	-0,050	0,317
CHR3	8434138	CHR3:8434138	SSF x Far_LoA	-11,3323465	0,054	0,304
CHR3	8434146	CHR3:8434146	SSF x Far_LoA	-5,53073735	-0,068	0,300
CHR3	8434220	CHR3:8434220	SSF x Far_LoA	-7,5848161	-0,127	0,316
CHR3	8434234	CHR3:8434234	SSF x Far_LoA	-5,39189076	-0,170	0,300
CHR3	8434314	CHR3:8434314	SSF x Far_LoA	-9,67180457	0,043	0,319
CHR3	8438643	CHR3:8438643	SSF x Far_LoA	-8,85181232	-0,098	0,303
CHR3	8438733	CHR3:8438733	SSF x Far_LoA	-6,89021768	0,115	0,308
CHR3	8438739	CHR3:8438739	SSF x Far_LoA	-11,8887479	-0,010	0,306
CHR3	8441096	CHR3:8441096	SSF x Far_LoA	-9,93929256	0,093	0,313
CHR3	8441110	CHR3:8441110	SSF x Far_LoA	-8,62230035	-0,169	0,304
CHR3	8441115	CHR3:8441115	SSF x Far_LoA	-11,1718333	0,047	0,296
CHR3	8441154	CHR3:8441154	SSF x Far_LoA	-10,835071	0,005	0,318
CHR3	8441587	CHR3:8441587	SSF x Far_LoA	-6,91260406	0,016	0,308
CHR3	8444733	CHR3:8444733	SSF x Far_LoA	-10,6114099	-0,077	0,308
CHR3	8444964	CHR3:8444964	SSF x Far_LoA	-10,191844	0,066	0,297
CHR3	8444967	CHR3:8444967	SSF x Far_LoA	-6,77204233	0,091	0,309
CHR3	8458831	CHR3:8458831	SSF x Far_LoA	-8,34029409	0,085	0,299
CHR3	8462740	CHR3:8462740	SSF x Far_LoA	-10,7652923	-0,060	0,313
CHR3	8462784	CHR3:8462784	SSF x Far_LoA	-10,4690199	0,055	0,309
CHR3	8462804	CHR3:8462804	SSF x Far_LoA	-1,73687525	-0,152	0,302
CHR3	8462807	CHR3:8462807	SSF x Far_LoA	-7,67837886	-0,092	0,310
CHR3	8462818	CHR3:8462818	SSF x Far_LoA	-1,75432835	-0,028	0,323
CHR3	8462922	CHR3:8462922	SSF x Far_LoA	-11,0623103	-0,003	0,308
CHR3	8474032	CHR3:8474032	SSF x Far_LoA	-9,96713941	-0,029	0,301
CHR3	8487055	CHR3:8487055	SSF x Far_LoA	-8,70268437	-0,020	0,302
CHR3	8487062	CHR3:8487062	SSF x Far_LoA	-9,40681263	-0,090	0,304
CHR3	8487072	CHR3:8487072	SSF x Far_LoA	-8,20119609	-0,018	0,303
CHR3	8487073	CHR3:8487073	SSF x Far_LoA	-8,82419389	-0,068	0,314
CHR3	8487083	CHR3:8487083	SSF x Far_LoA	-8,53324622	-0,112	0,303
CHR3	8487092	CHR3:8487092	SSF x Far_LoA	-9,35924989	-0,132	0,305
CHR3	8487111	CHR3:8487111	SSF x Far_LoA	-10,7581113	-0,123	0,289
CHR3	8487170	CHR3:8487170	SSF x Far_LoA	-7,86353849	-0,146	0,302
CHR3	8487183	CHR3:8487183	SSF x Far_LoA	-8,67344455	0,144	0,305
CHR3	8487212	CHR3:8487212	SSF x Far_LoA	-9,0266014	0,123	0,298
CHR3	8488312	CHR3:8488312	SSF x Far_LoA	-11,646977	0,008	0,312
CHR3	8488334	CHR3:8488334	SSF x Far_LoA	-10,7721274	-0,072	0,316
CHR3	8488339	CHR3:8488339	SSF x Far_LoA	-7,04788782	0,042	0,317
CHR3	8488417	CHR3:8488417	SSF x Far_LoA	-8,13548059	0,089	0,284
CHR3	8494873	CHR3:8494873	SSF x Far_LoA	-4,47178352	0,114	0,308
CHR3	8503331	CHR3:8503331	SSF x Far_LoA	-8,2656402	0,002	0,315
CHR3	8503357	CHR3:8503357	SSF x Far_LoA	-9,87321879	-0,028	0,301
CHR3	8509323	CHR3:8509323	SSF x Far_LoA	-10,0782278	-0,041	0,310
CHR3	8509372	CHR3:8509372	SSF x Far_LoA	-10,3134892	0,031	0,290
CHR3	8509410	CHR3:8509410	SSF x Far_LoA	-10,6804156	-0,014	0,297
CHR3	8509424	CHR3:8509424	SSF x Far_LoA	-7,57517139	-0,027	0,321
CHR3	8509478	CHR3:8509478	SSF x Far_LoA	-8,39933728	-0,059	0,314
CHR3	8511212	CHR3:8511212	SSF x Far_LoA	-10,799044	0,032	0,309
CHR3	8511215	CHR3:8511215	SSF x Far_LoA	-9,47425929	-0,024	0,318
CHR3	8512387	CHR3:8512387	SSF x Far_LoA	-9,06444644	-0,020	0,314
CHR3	8512428	CHR3:8512428	SSF x Far_LoA	-5,87906054	-0,083	0,299

CHR3	8521390	CHR3:8521390	SSF x Far_LoA	-7,41363781	-0,091	0,296
CHR3	8521458	CHR3:8521458	SSF x Far_LoA	-8,15699189	-0,002	0,304
CHR3	8528929	CHR3:8528929	SSF x Far_LoA	-11,2899189	0,031	0,298
CHR3	8528957	CHR3:8528957	SSF x Far_LoA	-3,97980546	0,001	0,302
CHR3	8529032	CHR3:8529032	SSF x Far_LoA	-9,5351594	0,054	0,308
CHR3	8537821	CHR3:8537821	SSF x Far_LoA	-8,90558573	0,137	0,294
CHR3	8537867	CHR3:8537867	SSF x Far_LoA	-7,84450023	-0,163	0,295
CHR3	8537906	CHR3:8537906	SSF x Far_LoA	-9,06099308	-0,031	0,316
CHR3	8537907	CHR3:8537907	SSF x Far_LoA	-9,86666957	-0,021	0,305
CHR3	8537909	CHR3:8537909	SSF x Far_LoA	-10,4497246	-0,136	0,297
CHR3	8537922	CHR3:8537922	SSF x Far_LoA	-9,49285095	0,039	0,325
CHR3	8537977	CHR3:8537977	SSF x Far_LoA	-6,77393447	-0,099	0,303
CHR3	8537980	CHR3:8537980	SSF x Far_LoA	-8,99526544	-0,127	0,302
CHR3	8543449	CHR3:8543449	SSF x Far_LoA	-10,4429383	-0,075	0,295
CHR3	8546224	CHR3:8546224	SSF x Far_LoA	-11,664567	-0,058	0,315
CHR3	8546253	CHR3:8546253	SSF x Far_LoA	-9,13407389	-0,042	0,305
CHR3	8547209	CHR3:8547209	SSF x Far_LoA	-8,95372975	0,123	0,292
CHR3	8547382	CHR3:8547382	SSF x Far_LoA	-2,29657641	0,172	0,285
CHR3	8547384	CHR3:8547384	SSF x Far_LoA	-10,6803998	-0,022	0,304
CHR3	8547458	CHR3:8547458	SSF x Far_LoA	-11,2107882	0,031	0,318
CHR3	8556842	CHR3:8556842	SSF x Far_LoA	-10,5635593	0,068	0,316
CHR3	8556846	CHR3:8556846	SSF x Far_LoA	-9,81879673	0,002	0,309
CHR3	8556882	CHR3:8556882	SSF x Far_LoA	-8,02532697	-0,147	0,314
CHR3	8566382	CHR3:8566382	SSF x Far_LoA	-10,9165387	0,043	0,321
CHR3	8566475	CHR3:8566475	SSF x Far_LoA	-8,79388904	-0,213	0,298
CHR3	8566478	CHR3:8566478	SSF x Far_LoA	-11,8962978	-0,085	0,295
CHR3	8566551	CHR3:8566551	SSF x Far_LoA	7,36423722	-0,072	0,311
CHR3	8566553	CHR3:8566553	SSF x Far_LoA	-9,28369143	0,089	0,300
CHR3	8566591	CHR3:8566591	SSF x Far_LoA	-4,46690236	0,079	0,298
CHR3	8566627	CHR3:8566627	SSF x Far_LoA	-8,98891423	-0,050	0,309
CHR3	8572942	CHR3:8572942	SSF x Far_LoA	-9,99634224	-0,019	0,302
CHR3	8572983	CHR3:8572983	SSF x Far_LoA	-9,53922527	-0,102	0,305
CHR3	8572996	CHR3:8572996	SSF x Far_LoA	-8,95352785	-0,037	0,309
CHR3	8573040	CHR3:8573040	SSF x Far_LoA	-6,67003984	0,055	0,315
CHR3	8576836	CHR3:8576836	SSF x Far_LoA	-10,4015725	-0,052	0,307
CHR3	8576867	CHR3:8576867	SSF x Far_LoA	-5,12506504	-0,127	0,298
CHR3	8576884	CHR3:8576884	SSF x Far_LoA	-9,19035965	-0,111	0,309
CHR3	8576893	CHR3:8576893	SSF x Far_LoA	-8,91926955	-0,032	0,311
CHR3	8582510	CHR3:8582510	SSF x Far_LoA	-8,97051767	-0,137	0,293
CHR3	8582655	CHR3:8582655	SSF x Far_LoA	-6,69733959	-0,046	0,300
CHR3	8582673	CHR3:8582673	SSF x Far_LoA	-10,7177733	0,013	0,296
CHR3	8582762	CHR3:8582762	SSF x Far_LoA	-7,16716761	0,107	0,301
CHR3	8589763	CHR3:8589763	SSF x Far_LoA	-8,99767346	-0,032	0,297
CHR3	8589779	CHR3:8589779	SSF x Far_LoA	-8,59305744	-0,066	0,305
CHR3	8589802	CHR3:8589802	SSF x Far_LoA	-9,35029946	-0,051	0,299
CHR3	8589810	CHR3:8589810	SSF x Far_LoA	-9,87545238	0,185	0,286
CHR3	8589959	CHR3:8589959	SSF x Far_LoA	-9,02797562	0,045	0,298
CHR3	8590005	CHR3:8590005	SSF x Far_LoA	-9,84709779	0,015	0,312
CHR3	8594881	CHR3:8594881	SSF x Far_LoA	-9,52178764	-0,015	0,315
CHR3	8596687	CHR3:8596687	SSF x Far_LoA	-8,29014249	0,005	0,314
CHR3	8596703	CHR3:8596703	SSF x Far_LoA	-8,82365003	-0,079	0,306
CHR3	8596778	CHR3:8596778	SSF x Far_LoA	-8,48898948	-0,021	0,298
CHR3	8597523	CHR3:8597523	SSF x Far_LoA	-11,6950124	-0,064	0,306

CHR3	8597530	CHR3:8597530	SSF x Far_LoA	-10,3872029	0,022	0,304
CHR3	8599459	CHR3:8599459	SSF x Far_LoA	-3,81871724	0,075	0,302
CHR3	8599490	CHR3:8599490	SSF x Far_LoA	-9,8112099	-0,075	0,300
CHR3	8599549	CHR3:8599549	SSF x Far_LoA	-9,70801124	0,083	0,301
CHR3	8602076	CHR3:8602076	SSF x Far_LoA	-7,43370252	0,123	0,299
CHR3	8602116	CHR3:8602116	SSF x Far_LoA	-10,366827	-0,025	0,302
CHR3	8602123	CHR3:8602123	SSF x Far_LoA	-9,46847923	-0,116	0,304
CHR3	8602246	CHR3:8602246	SSF x Far_LoA	-11,4838816	-0,011	0,286
CHR3	8602265	CHR3:8602265	SSF x Far_LoA	-10,7689924	-0,025	0,320
CHR3	8602267	CHR3:8602267	SSF x Far_LoA	-8,68297489	0,035	0,315
CHR3	8602335	CHR3:8602335	SSF x Far_LoA	-11,4765111	-0,015	0,302
CHR3	8604890	CHR3:8604890	SSF x Far_LoA	-8,87544247	-0,016	0,311
CHR3	8604951	CHR3:8604951	SSF x Far_LoA	-10,6172428	-0,077	0,315
CHR3	8612971	CHR3:8612971	SSF x Far_LoA	-9,62364154	-0,053	0,310
CHR3	8612977	CHR3:8612977	SSF x Far_LoA	-10,9458019	0,010	0,323
CHR3	8612984	CHR3:8612984	SSF x Far_LoA	-10,1248744	-0,044	0,314
CHR3	8617728	CHR3:8617728	SSF x Far_LoA	-10,549282	0,025	0,293
CHR3	8617816	CHR3:8617816	SSF x Far_LoA	-10,5746424	0,145	0,307
CHR3	8617817	CHR3:8617817	SSF x Far_LoA	-7,71798785	0,152	0,312
CHR3	8617845	CHR3:8617845	SSF x Far_LoA	-10,0468884	0,096	0,297
CHR3	8617865	CHR3:8617865	SSF x Far_LoA	-8,81606612	-0,014	0,312
CHR3	8617874	CHR3:8617874	SSF x Far_LoA	-9,89127609	-0,010	0,316
CHR3	8619706	CHR3:8619706	SSF x Far_LoA	-9,35801246	0,008	0,298
CHR3	8619723	CHR3:8619723	SSF x Far_LoA	-9,16361597	-0,009	0,310
CHR3	8624795	CHR3:8624795	SSF x Far_LoA	-4,93037788	0,048	0,312
CHR3	8624808	CHR3:8624808	SSF x Far_LoA	-7,35309639	0,005	0,308
CHR3	8624853	CHR3:8624853	SSF x Far_LoA	-10,6972977	-0,018	0,313
CHR3	863162	CHR3:863162	SSF x Far_LoA	-9,0516627	0,001	0,310
CHR3	863167	CHR3:863167	SSF x Far_LoA	-8,63335769	-0,016	0,312
CHR3	8636827	CHR3:8636827	SSF x Far_LoA	-7,4740042	-0,105	0,297
CHR3	8637080	CHR3:8637080	SSF x Far_LoA	-7,4101344	-0,132	0,315
CHR3	8642450	CHR3:8642450	SSF x Far_LoA	-9,42645357	-0,098	0,300
CHR3	8642492	CHR3:8642492	SSF x Far_LoA	-9,54168384	-0,099	0,309
CHR3	8646947	CHR3:8646947	SSF x Far_LoA	-9,43056352	0,025	0,294
CHR3	8646948	CHR3:8646948	SSF x Far_LoA	-8,80576905	-0,140	0,299
CHR3	8646982	CHR3:8646982	SSF x Far_LoA	-4,88981921	-0,135	0,311
CHR3	8647899	CHR3:8647899	SSF x Far_LoA	-10,5343372	-0,006	0,308
CHR3	8647980	CHR3:8647980	SSF x Far_LoA	-7,32486183	-0,094	0,308
CHR3	8654545	CHR3:8654545	SSF x Far_LoA	-9,81311725	-0,065	0,308
CHR3	8658852	CHR3:8658852	SSF x Far_LoA	-5,10569756	-0,157	0,295
CHR3	8658881	CHR3:8658881	SSF x Far_LoA	-7,3333834	-0,180	0,300
CHR3	8660432	CHR3:8660432	SSF x Far_LoA	-8,99924366	-0,018	0,319
CHR3	8662586	CHR3:8662586	SSF x Far_LoA	-6,83710137	-0,040	0,327
CHR3	8662666	CHR3:8662666	SSF x Far_LoA	-9,54544241	-0,020	0,300
CHR3	8662667	CHR3:8662667	SSF x Far_LoA	-8,6880152	-0,098	0,319
CHR3	8669851	CHR3:8669851	SSF x Far_LoA	-10,2952063	-0,020	0,302
CHR3	8674373	CHR3:8674373	SSF x Far_LoA	-8,97299531	-0,086	0,312
CHR3	8674424	CHR3:8674424	SSF x Far_LoA	-10,9850634	0,099	0,295
CHR3	8674425	CHR3:8674425	SSF x Far_LoA	-8,90103537	0,021	0,305
CHR3	8674519	CHR3:8674519	SSF x Far_LoA	-6,88451491	-0,115	0,285
CHR3	8674555	CHR3:8674555	SSF x Far_LoA	-10,0467056	-0,003	0,317
CHR3	8674564	CHR3:8674564	SSF x Far_LoA	-6,73893951	0,054	0,311
CHR3	8674634	CHR3:8674634	SSF x Far_LoA	-5,63471508	-0,008	0,310

CHR3	8677542	CHR3:8677542	SSF x Far_LoA	-10,173839	-0,075	0,314
CHR3	8677634	CHR3:8677634	SSF x Far_LoA	-9,48246154	0,037	0,299
CHR3	8686940	CHR3:8686940	SSF x Far_LoA	-9,14150537	-0,107	0,298
CHR3	8687007	CHR3:8687007	SSF x Far_LoA	-11,5712463	-0,013	0,308
CHR3	8687076	CHR3:8687076	SSF x Far_LoA	-12,0588826	0,046	0,306
CHR3	8687104	CHR3:8687104	SSF x Far_LoA	-11,046288	-0,016	0,313
CHR3	8689213	CHR3:8689213	SSF x Far_LoA	-9,93675462	-0,051	0,301
CHR3	8689263	CHR3:8689263	SSF x Far_LoA	-10,6496575	-0,014	0,309
CHR3	8689292	CHR3:8689292	SSF x Far_LoA	-9,68628114	-0,084	0,313
CHR3	8689295	CHR3:8689295	SSF x Far_LoA	-8,81827226	-0,078	0,315
CHR3	8694953	CHR3:8694953	SSF x Far_LoA	-8,16322891	-0,139	0,302
CHR3	8694977	CHR3:8694977	SSF x Far_LoA	-10,9837812	-0,029	0,307
CHR3	8694983	CHR3:8694983	SSF x Far_LoA	-11,415995	0,051	0,304
CHR3	8695047	CHR3:8695047	SSF x Far_LoA	-12,2473811	0,006	0,304
CHR3	8695094	CHR3:8695094	SSF x Far_LoA	-8,25538664	0,057	0,309
CHR3	8695101	CHR3:8695101	SSF x Far_LoA	-7,84446856	0,088	0,303
CHR3	8695109	CHR3:8695109	SSF x Far_LoA	-7,87670531	-0,144	0,295
CHR3	8695144	CHR3:8695144	SSF x Far_LoA	-9,09155303	-0,013	0,310
CHR3	869593	CHR3:869593	SSF x Far_LoA	-5,92061963	0,074	0,301
CHR3	869597	CHR3:869597	SSF x Far_LoA	-8,12824992	0,129	0,311
CHR3	869598	CHR3:869598	SSF x Far_LoA	-7,58088283	0,100	0,310
CHR3	869612	CHR3:869612	SSF x Far_LoA	-8,67397064	0,115	0,300
CHR3	869613	CHR3:869613	SSF x Far_LoA	-9,31371705	0,084	0,307
CHR3	869619	CHR3:869619	SSF x Far_LoA	-8,59110503	0,082	0,310
CHR3	8698562	CHR3:8698562	SSF x Far_LoA	-7,01679428	0,038	0,332
CHR3	8698645	CHR3:8698645	SSF x Far_LoA	-9,81636165	0,010	0,310
CHR3	8698682	CHR3:8698682	SSF x Far_LoA	-12,0434112	0,005	0,302
CHR3	8699048	CHR3:8699048	SSF x Far_LoA	-7,32384377	-0,133	0,296
CHR3	8699066	CHR3:8699066	SSF x Far_LoA	-8,74596451	0,076	0,308
CHR3	8699080	CHR3:8699080	SSF x Far_LoA	-9,97743916	0,026	0,316
CHR3	8699126	CHR3:8699126	SSF x Far_LoA	-10,5056807	0,024	0,305
CHR3	8707839	CHR3:8707839	SSF x Far_LoA	-10,0743915	0,000	0,296
CHR3	8707847	CHR3:8707847	SSF x Far_LoA	-11,0721115	0,056	0,307
CHR3	8707872	CHR3:8707872	SSF x Far_LoA	-7,83296279	-0,008	0,311
CHR3	8707879	CHR3:8707879	SSF x Far_LoA	-10,8886464	0,062	0,303
CHR3	8707927	CHR3:8707927	SSF x Far_LoA	-8,90274492	-0,004	0,313
CHR3	8713786	CHR3:8713786	SSF x Far_LoA	-9,12676835	0,008	0,314
CHR3	8713789	CHR3:8713789	SSF x Far_LoA	-9,56832076	0,024	0,314
CHR3	8713794	CHR3:8713794	SSF x Far_LoA	-8,80118351	0,068	0,314
CHR3	8725269	CHR3:8725269	SSF x Far_LoA	-8,98500327	0,148	0,282
CHR3	8725356	CHR3:8725356	SSF x Far_LoA	-9,03814182	0,113	0,305
CHR3	8750105	CHR3:8750105	SSF x Far_LoA	-9,62014647	-0,032	0,322
CHR3	8755160	CHR3:8755160	SSF x Far_LoA	-9,53752449	-0,053	0,298
CHR3	875674	CHR3:875674	SSF x Far_LoA	-8,99724872	0,023	0,312
CHR3	8780998	CHR3:8780998	SSF x Far_LoA	-7,03531645	0,202	0,279
CHR3	8781003	CHR3:8781003	SSF x Far_LoA	-7,65884372	0,185	0,279
CHR3	8781061	CHR3:8781061	SSF x Far_LoA	-9,75411552	0,123	0,306
CHR3	8781063	CHR3:8781063	SSF x Far_LoA	-7,10344093	-0,146	0,304
CHR3	8789172	CHR3:8789172	SSF x Far_LoA	-9,35893628	-0,020	0,302
CHR3	879314	CHR3:879314	SSF x Far_LoA	-11,9448204	-0,093	0,298
CHR3	8793192	CHR3:8793192	SSF x Far_LoA	-10,3370683	-0,144	0,314
CHR3	8794284	CHR3:8794284	SSF x Far_LoA	-5,78623941	0,014	0,298
CHR3	8796964	CHR3:8796964	SSF x Far_LoA	-10,0643165	-0,013	0,315

CHR3	8797006	CHR3:8797006	SSF x Far_LoA	-8,92484933	-0,048	0,323
CHR3	8803197	CHR3:8803197	SSF x Far_LoA	-11,422041	0,031	0,316
CHR3	8803201	CHR3:8803201	SSF x Far_LoA	-11,9953139	0,003	0,306
CHR3	8803210	CHR3:8803210	SSF x Far_LoA	-7,28476663	0,069	0,305
CHR3	8803267	CHR3:8803267	SSF x Far_LoA	-8,70859371	0,144	0,290
CHR3	8803359	CHR3:8803359	SSF x Far_LoA	-11,212864	-0,099	0,308
CHR3	8803367	CHR3:8803367	SSF x Far_LoA	-7,66720451	-0,082	0,313
CHR3	8813738	CHR3:8813738	SSF x Far_LoA	-9,2266984	-0,006	0,300
CHR3	8813999	CHR3:8813999	SSF x Far_LoA	-11,3692646	0,023	0,304
CHR3	8814002	CHR3:8814002	SSF x Far_LoA	-11,7975549	-0,042	0,311
CHR3	8814067	CHR3:8814067	SSF x Far_LoA	-8,43741598	0,007	0,310
CHR3	8814080	CHR3:8814080	SSF x Far_LoA	-10,6922228	0,126	0,303
CHR3	8814087	CHR3:8814087	SSF x Far_LoA	-8,10651102	0,089	0,299
CHR3	8814139	CHR3:8814139	SSF x Far_LoA	-11,4250493	-0,011	0,307
CHR3	8820507	CHR3:8820507	SSF x Far_LoA	-8,63107652	-0,091	0,304
CHR3	8820581	CHR3:8820581	SSF x Far_LoA	-9,55792977	0,032	0,316
CHR3	8820694	CHR3:8820694	SSF x Far_LoA	-7,03203861	-0,153	0,313
CHR3	8826430	CHR3:8826430	SSF x Far_LoA	-7,98626708	-0,079	0,307
CHR3	8826431	CHR3:8826431	SSF x Far_LoA	-6,44776435	-0,091	0,313
CHR3	8826549	CHR3:8826549	SSF x Far_LoA	-6,90826508	0,074	0,314
CHR3	8826550	CHR3:8826550	SSF x Far_LoA	-7,29086181	0,032	0,318
CHR3	8832487	CHR3:8832487	SSF x Far_LoA	-6,76611379	-0,111	0,313
CHR3	8832492	CHR3:8832492	SSF x Far_LoA	-6,09780661	0,127	0,314
CHR3	8832575	CHR3:8832575	SSF x Far_LoA	-4,79316994	0,103	0,310
CHR3	883445	CHR3:883445	SSF x Far_LoA	-9,16891751	0,083	0,308
CHR3	883727	CHR3:883727	SSF x Far_LoA	-8,31016194	-0,111	0,307
CHR3	883762	CHR3:883762	SSF x Far_LoA	-7,99221577	-0,097	0,307
CHR3	883832	CHR3:883832	SSF x Far_LoA	-8,97690699	-0,110	0,285
CHR3	8848024	CHR3:8848024	SSF x Far_LoA	-10,2195598	-0,018	0,302
CHR3	8848096	CHR3:8848096	SSF x Far_LoA	-9,00185346	0,107	0,287
CHR3	8859272	CHR3:8859272	SSF x Far_LoA	-10,2848036	0,004	0,297
CHR3	8866796	CHR3:8866796	SSF x Far_LoA	-11,9141245	-0,013	0,306
CHR3	8866800	CHR3:8866800	SSF x Far_LoA	-12,3274635	0,027	0,309
CHR3	8866818	CHR3:8866818	SSF x Far_LoA	-11,7697463	-0,012	0,314
CHR3	8866853	CHR3:8866853	SSF x Far_LoA	-10,7512298	-0,112	0,307
CHR3	8903998	CHR3:8903998	SSF x Far_LoA	-3,34813117	0,201	0,299
CHR3	8904073	CHR3:8904073	SSF x Far_LoA	-11,6781006	-0,079	0,302
CHR3	8904130	CHR3:8904130	SSF x Far_LoA	-10,6839245	-0,112	0,298
CHR3	8904132	CHR3:8904132	SSF x Far_LoA	-9,48575774	-0,089	0,315
CHR3	8904156	CHR3:8904156	SSF x Far_LoA	-10,5400662	-0,051	0,298
CHR3	890749	CHR3:890749	SSF x Far_LoA	-7,75184263	0,010	0,327
CHR3	8924963	CHR3:8924963	SSF x Far_LoA	-8,91578257	0,036	0,307
CHR3	8925063	CHR3:8925063	SSF x Far_LoA	-10,298689	-0,030	0,312
CHR3	8925107	CHR3:8925107	SSF x Far_LoA	-9,82296163	0,075	0,310
CHR3	8925122	CHR3:8925122	SSF x Far_LoA	-11,2959483	-0,068	0,305
CHR3	8929261	CHR3:8929261	SSF x Far_LoA	-12,1946887	-0,007	0,313
CHR3	8929431	CHR3:8929431	SSF x Far_LoA	-9,80533465	0,119	0,305
CHR3	8929465	CHR3:8929465	SSF x Far_LoA	-7,21326127	-0,099	0,307
CHR3	8930480	CHR3:8930480	SSF x Far_LoA	-8,10137963	0,141	0,302
CHR3	8930481	CHR3:8930481	SSF x Far_LoA	-7,76774596	0,090	0,300
CHR3	8937790	CHR3:8937790	SSF x Far_LoA	-11,6706432	-0,051	0,312
CHR3	8937795	CHR3:8937795	SSF x Far_LoA	-7,75582786	0,018	0,316
CHR3	8940483	CHR3:8940483	SSF x Far_LoA	-8,00183727	-0,061	0,286

CHR3	8940489	CHR3:8940489	SSF x Far_LoA	-8,62915883	-0,051	0,295
CHR3	8940499	CHR3:8940499	SSF x Far_LoA	-10,2084306	-0,043	0,320
CHR3	8940534	CHR3:8940534	SSF x Far_LoA	-9,62384569	0,004	0,311
CHR3	8942824	CHR3:8942824	SSF x Far_LoA	-7,24734599	0,204	0,297
CHR3	8942946	CHR3:8942946	SSF x Far_LoA	-9,97103586	-0,107	0,295
CHR3	8959604	CHR3:8959604	SSF x Far_LoA	-10,5485131	-0,013	0,324
CHR3	8959627	CHR3:8959627	SSF x Far_LoA	-7,67134177	-0,053	0,308
CHR3	8966552	CHR3:8966552	SSF x Far_LoA	-8,22817931	0,115	0,310
CHR3	8966720	CHR3:8966720	SSF x Far_LoA	-10,8845988	-0,043	0,304
CHR3	8966772	CHR3:8966772	SSF x Far_LoA	-10,7327445	-0,009	0,312
CHR3	8973411	CHR3:8973411	SSF x Far_LoA	-9,61251648	-0,115	0,300
CHR3	8973414	CHR3:8973414	SSF x Far_LoA	-7,82881138	0,092	0,300
CHR3	8973442	CHR3:8973442	SSF x Far_LoA	-9,21520046	-0,090	0,312
CHR3	8978703	CHR3:8978703	SSF x Far_LoA	-10,3398892	0,023	0,305
CHR3	8978793	CHR3:8978793	SSF x Far_LoA	-11,4703872	-0,116	0,303
CHR3	8978902	CHR3:8978902	SSF x Far_LoA	-10,7313104	0,006	0,308
CHR3	8994793	CHR3:8994793	SSF x Far_LoA	-9,13785862	-0,051	0,307
CHR3	8994799	CHR3:8994799	SSF x Far_LoA	-11,2150031	-0,046	0,302
CHR3	8994960	CHR3:8994960	SSF x Far_LoA	-10,0623783	-0,061	0,311
CHR3	8994981	CHR3:8994981	SSF x Far_LoA	-8,9937789	0,038	0,293
CHR3	9003326	CHR3:9003326	SSF x Far_LoA	-9,39256438	0,038	0,304
CHR3	9005424	CHR3:9005424	SSF x Far_LoA	-8,84171367	0,145	0,287
CHR3	9005437	CHR3:9005437	SSF x Far_LoA	-8,07323352	0,058	0,311
CHR3	9005455	CHR3:9005455	SSF x Far_LoA	-9,81127348	-0,159	0,311
CHR3	9005477	CHR3:9005477	SSF x Far_LoA	-9,19213572	-0,037	0,304
CHR3	9005495	CHR3:9005495	SSF x Far_LoA	-8,02385538	0,156	0,291
CHR3	9005512	CHR3:9005512	SSF x Far_LoA	-7,10361906	-0,029	0,328
CHR3	9005544	CHR3:9005544	SSF x Far_LoA	-8,50474392	-0,069	0,305
CHR3	9014244	CHR3:9014244	SSF x Far_LoA	-10,1116164	0,077	0,303
CHR3	9014578	CHR3:9014578	SSF x Far_LoA	-10,4448235	-0,096	0,292
CHR3	9014581	CHR3:9014581	SSF x Far_LoA	-9,21115135	0,138	0,291
CHR3	9014589	CHR3:9014589	SSF x Far_LoA	-10,0606207	0,012	0,315
CHR3	9023394	CHR3:9023394	SSF x Far_LoA	-7,65058831	-0,101	0,306
CHR3	9023438	CHR3:9023438	SSF x Far_LoA	-9,09346236	0,073	0,303
CHR3	9023564	CHR3:9023564	SSF x Far_LoA	-10,0509038	-0,029	0,313
CHR3	9023565	CHR3:9023565	SSF x Far_LoA	-8,10642338	-0,007	0,308
CHR3	9023735	CHR3:9023735	SSF x Far_LoA	-11,1886959	0,012	0,307
CHR3	9029979	CHR3:9029979	SSF x Far_LoA	-11,0397683	0,075	0,313
CHR3	9030035	CHR3:9030035	SSF x Far_LoA	-9,50028802	-0,035	0,304
CHR3	9034362	CHR3:9034362	SSF x Far_LoA	-10,5278949	-0,094	0,304
CHR3	9042673	CHR3:9042673	SSF x Far_LoA	-6,15165585	-0,009	0,298
CHR3	9042758	CHR3:9042758	SSF x Far_LoA	-10,5369746	0,027	0,307
CHR3	9042759	CHR3:9042759	SSF x Far_LoA	-10,2534266	0,053	0,313
CHR3	9045526	CHR3:9045526	SSF x Far_LoA	-6,19985381	0,087	0,310
CHR3	9045530	CHR3:9045530	SSF x Far_LoA	-10,272948	-0,051	0,304
CHR3	9045552	CHR3:9045552	SSF x Far_LoA	-9,69146301	0,076	0,303
CHR3	9045783	CHR3:9045783	SSF x Far_LoA	-11,8128522	0,003	0,308
CHR3	9045784	CHR3:9045784	SSF x Far_LoA	-10,6420886	-0,024	0,306
CHR3	9048662	CHR3:9048662	SSF x Far_LoA	-8,70449906	0,076	0,303
CHR3	9048698	CHR3:9048698	SSF x Far_LoA	-9,16243221	-0,009	0,300
CHR3	9053954	CHR3:9053954	SSF x Far_LoA	-11,6303564	0,020	0,296
CHR3	9053976	CHR3:9053976	SSF x Far_LoA	-11,3409969	0,014	0,308
CHR3	9053984	CHR3:9053984	SSF x Far_LoA	-10,3124782	-0,079	0,310

CHR3	9053986	CHR3:9053986	SSF x Far_LoA	-10,27759	-0,028	0,316
CHR3	9054005	CHR3:9054005	SSF x Far_LoA	-11,9764939	-0,030	0,304
CHR3	9054045	CHR3:9054045	SSF x Far_LoA	-7,19611456	0,117	0,306
CHR3	9054064	CHR3:9054064	SSF x Far_LoA	-7,06944803	0,131	0,294
CHR3	9058186	CHR3:9058186	SSF x Far_LoA	-11,6340488	0,096	0,292
CHR3	9058433	CHR3:9058433	SSF x Far_LoA	-8,29887721	-0,017	0,313
CHR3	90600	CHR3:90600	SSF x Far_LoA	-9,97767726	-0,051	0,306
CHR3	9062202	CHR3:9062202	SSF x Far_LoA	-7,59148983	0,014	0,310
CHR3	9062230	CHR3:9062230	SSF x Far_LoA	-8,75602752	-0,040	0,301
CHR3	9066234	CHR3:9066234	SSF x Far_LoA	-11,0687426	0,058	0,297
CHR3	9066235	CHR3:9066235	SSF x Far_LoA	-8,78872701	0,085	0,304
CHR3	9066236	CHR3:9066236	SSF x Far_LoA	-6,14522029	0,086	0,298
CHR3	9066297	CHR3:9066297	SSF x Far_LoA	-8,47545466	-0,114	0,326
CHR3	9070819	CHR3:9070819	SSF x Far_LoA	-5,05658972	-0,068	0,304
CHR3	9075389	CHR3:9075389	SSF x Far_LoA	-6,95011994	-0,127	0,306
CHR3	9075433	CHR3:9075433	SSF x Far_LoA	-7,40178397	-0,143	0,298
CHR3	9075436	CHR3:9075436	SSF x Far_LoA	-6,55016466	-0,112	0,311
CHR3	9075510	CHR3:9075510	SSF x Far_LoA	-5,64568008	-0,085	0,306
CHR3	9079689	CHR3:9079689	SSF x Far_LoA	-11,2836777	0,012	0,312
CHR3	9079768	CHR3:9079768	SSF x Far_LoA	-10,0585687	0,077	0,311
CHR3	9079785	CHR3:9079785	SSF x Far_LoA	-7,93654933	-0,028	0,318
CHR3	9079853	CHR3:9079853	SSF x Far_LoA	-7,33513142	-0,074	0,311
CHR3	9080092	CHR3:9080092	SSF x Far_LoA	-12,0548702	-0,030	0,307
CHR3	9094337	CHR3:9094337	SSF x Far_LoA	-9,44216166	0,071	0,307
CHR3	9094428	CHR3:9094428	SSF x Far_LoA	-10,9385417	0,020	0,304
CHR3	9094481	CHR3:9094481	SSF x Far_LoA	-11,09441	0,026	0,291
CHR3	9105691	CHR3:9105691	SSF x Far_LoA	-8,45273087	0,019	0,308
CHR3	9105699	CHR3:9105699	SSF x Far_LoA	-9,30306728	-0,035	0,304
CHR3	9105714	CHR3:9105714	SSF x Far_LoA	-8,74063417	0,018	0,307
CHR3	9105715	CHR3:9105715	SSF x Far_LoA	-10,2800987	0,009	0,320
CHR3	9106399	CHR3:9106399	SSF x Far_LoA	-11,2993743	-0,004	0,304
CHR3	9112647	CHR3:9112647	SSF x Far_LoA	-7,31212459	-0,028	0,302
CHR3	9123879	CHR3:9123879	SSF x Far_LoA	-11,8369933	-0,021	0,313
CHR3	9125454	CHR3:9125454	SSF x Far_LoA	-11,7387271	-0,050	0,310
CHR3	9125721	CHR3:9125721	SSF x Far_LoA	-9,20505112	0,173	0,298
CHR3	9137869	CHR3:9137869	SSF x Far_LoA	-11,7858395	0,041	0,305
CHR3	9137911	CHR3:9137911	SSF x Far_LoA	-10,1956129	-0,087	0,303
CHR3	9143605	CHR3:9143605	SSF x Far_LoA	-5,93267665	0,216	0,279
CHR3	9143609	CHR3:9143609	SSF x Far_LoA	-8,80230046	0,183	0,287
CHR3	9143664	CHR3:9143664	SSF x Far_LoA	-7,01080022	0,121	0,310
CHR3	9151801	CHR3:9151801	SSF x Far_LoA	-8,35703453	-0,012	0,317
CHR3	9151944	CHR3:9151944	SSF x Far_LoA	-8,08543679	0,128	0,291
CHR3	9151984	CHR3:9151984	SSF x Far_LoA	-9,72315067	-0,049	0,318
CHR3	9156463	CHR3:9156463	SSF x Far_LoA	-8,52058049	0,107	0,310
CHR3	9156487	CHR3:9156487	SSF x Far_LoA	-10,8224301	-0,006	0,305
CHR3	9156514	CHR3:9156514	SSF x Far_LoA	-7,71815375	-0,120	0,300
CHR3	9156592	CHR3:9156592	SSF x Far_LoA	-9,57713149	-0,063	0,308
CHR3	9166374	CHR3:9166374	SSF x Far_LoA	-7,80669444	-0,072	0,299
CHR3	9176146	CHR3:9176146	SSF x Far_LoA	-10,0737922	-0,136	0,300
CHR3	9176175	CHR3:9176175	SSF x Far_LoA	-4,69553129	0,187	0,296
CHR3	9176239	CHR3:9176239	SSF x Far_LoA	-6,7779334	0,031	0,315
CHR3	9184743	CHR3:9184743	SSF x Far_LoA	-7,55087157	-0,080	0,308
CHR3	9184898	CHR3:9184898	SSF x Far_LoA	-8,75938731	0,126	0,291

CHR3	9184957	CHR3:9184957	SSF x Far_LoA	-11,8980092	0,031	0,298
CHR3	9195559	CHR3:9195559	SSF x Far_LoA	-8,98502934	0,059	0,316
CHR3	9195574	CHR3:9195574	SSF x Far_LoA	-9,11694916	-0,011	0,312
CHR3	9195606	CHR3:9195606	SSF x Far_LoA	-10,2367425	0,068	0,300
CHR3	9195609	CHR3:9195609	SSF x Far_LoA	-7,40532731	-0,019	0,322
CHR3	9195684	CHR3:9195684	SSF x Far_LoA	-6,70442466	-0,055	0,316
CHR3	9215133	CHR3:9215133	SSF x Far_LoA	-7,97992763	0,131	0,308
CHR3	9220316	CHR3:9220316	SSF x Far_LoA	-10,6698341	-0,004	0,306
CHR3	9220536	CHR3:9220536	SSF x Far_LoA	-7,89601212	-0,075	0,304
CHR3	9220559	CHR3:9220559	SSF x Far_LoA	-9,11349411	-0,004	0,307
CHR3	9220561	CHR3:9220561	SSF x Far_LoA	-5,37636072	0,248	0,280
CHR3	9220562	CHR3:9220562	SSF x Far_LoA	-4,68304073	0,223	0,286
CHR3	9228368	CHR3:9228368	SSF x Far_LoA	-8,6549229	-0,146	0,297
CHR3	9232668	CHR3:9232668	SSF x Far_LoA	-9,41095027	-0,077	0,305
CHR3	9232688	CHR3:9232688	SSF x Far_LoA	-9,11689562	0,011	0,306
CHR3	9232724	CHR3:9232724	SSF x Far_LoA	-11,1646309	0,039	0,294
CHR3	9232753	CHR3:9232753	SSF x Far_LoA	-7,6588357	0,062	0,301
CHR3	9232767	CHR3:9232767	SSF x Far_LoA	-8,3606488	0,138	0,308
CHR3	9232848	CHR3:9232848	SSF x Far_LoA	-6,92379793	0,015	0,296
CHR3	9240131	CHR3:9240131	SSF x Far_LoA	-7,89721697	-0,031	0,301
CHR3	9244601	CHR3:9244601	SSF x Far_LoA	-9,35173283	-0,093	0,294
CHR3	9244604	CHR3:9244604	SSF x Far_LoA	-9,89705712	-0,080	0,304
CHR3	9244615	CHR3:9244615	SSF x Far_LoA	-11,2549412	0,107	0,309
CHR3	9244703	CHR3:9244703	SSF x Far_LoA	-9,58911525	0,082	0,303
CHR3	9250474	CHR3:9250474	SSF x Far_LoA	-9,99448057	0,041	0,300
CHR3	9250480	CHR3:9250480	SSF x Far_LoA	-10,7398636	-0,023	0,300
CHR3	9250492	CHR3:9250492	SSF x Far_LoA	-7,98817464	0,040	0,315
CHR3	9250500	CHR3:9250500	SSF x Far_LoA	-11,2655983	-0,054	0,308
CHR3	9250541	CHR3:9250541	SSF x Far_LoA	-8,88707071	-0,004	0,307
CHR3	9250545	CHR3:9250545	SSF x Far_LoA	-8,99554	-0,004	0,313
CHR3	9250548	CHR3:9250548	SSF x Far_LoA	-11,2230428	-0,064	0,307
CHR3	9275778	CHR3:9275778	SSF x Far_LoA	-10,7550431	-0,031	0,305
CHR3	9286936	CHR3:9286936	SSF x Far_LoA	-8,32070938	-0,050	0,302
CHR3	9286937	CHR3:9286937	SSF x Far_LoA	-8,17838043	0,063	0,316
CHR3	9286980	CHR3:9286980	SSF x Far_LoA	-10,590802	0,088	0,315
CHR3	9286992	CHR3:9286992	SSF x Far_LoA	-11,3004648	0,101	0,301
CHR3	9286995	CHR3:9286995	SSF x Far_LoA	-10,5124272	0,085	0,300
CHR3	9289996	CHR3:9289996	SSF x Far_LoA	-7,61023708	0,017	0,310
CHR3	9290042	CHR3:9290042	SSF x Far_LoA	-9,70959161	-0,083	0,296
CHR3	9290062	CHR3:9290062	SSF x Far_LoA	-9,70329475	0,175	0,307
CHR3	9290102	CHR3:9290102	SSF x Far_LoA	-11,0360989	0,091	0,298
CHR3	9300327	CHR3:9300327	SSF x Far_LoA	-9,70473404	0,075	0,309
CHR3	9303027	CHR3:9303027	SSF x Far_LoA	-9,65295006	0,047	0,313
CHR3	9303054	CHR3:9303054	SSF x Far_LoA	-9,74593455	-0,038	0,311
CHR3	9303088	CHR3:9303088	SSF x Far_LoA	-12,057819	0,080	0,293
CHR3	9303145	CHR3:9303145	SSF x Far_LoA	-8,59124615	0,052	0,312
CHR3	9303154	CHR3:9303154	SSF x Far_LoA	-9,09452589	0,027	0,296
CHR3	9303217	CHR3:9303217	SSF x Far_LoA	-9,99733509	-0,061	0,321
CHR3	9303259	CHR3:9303259	SSF x Far_LoA	-10,3605321	0,087	0,315
CHR3	9307895	CHR3:9307895	SSF x Far_LoA	-6,20364636	0,011	0,311
CHR3	9307978	CHR3:9307978	SSF x Far_LoA	-7,09590447	0,032	0,316
CHR3	9309800	CHR3:9309800	SSF x Far_LoA	-9,91008597	-0,029	0,316
CHR3	9329813	CHR3:9329813	SSF x Far_LoA	-9,9237994	-0,103	0,312

CHR3	9329815	CHR3:9329815	SSF x Far_LoA	-10,0927528	-0,032	0,292
CHR3	9329816	CHR3:9329816	SSF x Far_LoA	-9,34067032	0,056	0,305
CHR3	9329825	CHR3:9329825	SSF x Far_LoA	-6,57450516	-0,096	0,298
CHR3	9329831	CHR3:9329831	SSF x Far_LoA	-6,29037506	0,134	0,305
CHR3	9334360	CHR3:9334360	SSF x Far_LoA	-8,73021578	-0,029	0,313
CHR3	9334434	CHR3:9334434	SSF x Far_LoA	-10,6693377	0,065	0,312
CHR3	9334436	CHR3:9334436	SSF x Far_LoA	-6,21628028	-0,066	0,320
CHR3	9334461	CHR3:9334461	SSF x Far_LoA	-9,24349715	-0,014	0,316
CHR3	9338142	CHR3:9338142	SSF x Far_LoA	-10,4315083	0,009	0,310
CHR3	9338174	CHR3:9338174	SSF x Far_LoA	-10,2046329	-0,020	0,305
CHR3	9343527	CHR3:9343527	SSF x Far_LoA	-10,025755	0,058	0,321
CHR3	9343608	CHR3:9343608	SSF x Far_LoA	-8,24166524	0,082	0,311
CHR3	9343681	CHR3:9343681	SSF x Far_LoA	-8,68710841	-0,135	0,309
CHR3	9358918	CHR3:9358918	SSF x Far_LoA	-9,79300932	-0,012	0,321
CHR3	9360933	CHR3:9360933	SSF x Far_LoA	-11,1063923	-0,091	0,309
CHR3	9361008	CHR3:9361008	SSF x Far_LoA	-7,70413261	0,042	0,316
CHR3	9361014	CHR3:9361014	SSF x Far_LoA	-7,7483041	-0,061	0,319
CHR3	9361063	CHR3:9361063	SSF x Far_LoA	-6,48744382	-0,022	0,308
CHR3	9361159	CHR3:9361159	SSF x Far_LoA	-8,85067705	-0,067	0,307
CHR3	9363349	CHR3:9363349	SSF x Far_LoA	-8,07061157	0,055	0,314
CHR3	9363366	CHR3:9363366	SSF x Far_LoA	-8,24716945	0,023	0,309
CHR3	9363373	CHR3:9363373	SSF x Far_LoA	-10,0776918	0,003	0,302
CHR3	9365689	CHR3:9365689	SSF x Far_LoA	-6,81162103	-0,038	0,328
CHR3	9365714	CHR3:9365714	SSF x Far_LoA	-9,43958457	0,007	0,322
CHR3	9365803	CHR3:9365803	SSF x Far_LoA	-9,03639814	0,018	0,313
CHR3	9375070	CHR3:9375070	SSF x Far_LoA	-8,41236017	0,020	0,303
CHR3	9375133	CHR3:9375133	SSF x Far_LoA	-11,1587629	0,009	0,312
CHR3	9375184	CHR3:9375184	SSF x Far_LoA	-9,74339384	-0,055	0,312
CHR3	9375254	CHR3:9375254	SSF x Far_LoA	-10,5483333	-0,028	0,311
CHR3	9375258	CHR3:9375258	SSF x Far_LoA	-9,5394244	-0,031	0,292
CHR3	9377539	CHR3:9377539	SSF x Far_LoA	-7,57412712	0,043	0,312
CHR3	9377560	CHR3:9377560	SSF x Far_LoA	-10,5002409	-0,069	0,311
CHR3	9377579	CHR3:9377579	SSF x Far_LoA	-8,35128425	-0,046	0,329
CHR3	9377588	CHR3:9377588	SSF x Far_LoA	-9,78190001	0,101	0,297
CHR3	9377644	CHR3:9377644	SSF x Far_LoA	-11,2545171	0,088	0,297
CHR3	9377669	CHR3:9377669	SSF x Far_LoA	-11,2542235	0,061	0,303
CHR3	9379206	CHR3:9379206	SSF x Far_LoA	-11,1853795	-0,063	0,294
CHR3	9379315	CHR3:9379315	SSF x Far_LoA	-9,4081896	-0,028	0,313
CHR3	9379325	CHR3:9379325	SSF x Far_LoA	-9,3194802	-0,077	0,310
CHR3	9379371	CHR3:9379371	SSF x Far_LoA	4,40552452	0,107	0,302
CHR3	9379425	CHR3:9379425	SSF x Far_LoA	-11,0684539	-0,015	0,307
CHR3	9386627	CHR3:9386627	SSF x Far_LoA	-5,01025696	-0,071	0,299
CHR3	9394717	CHR3:9394717	SSF x Far_LoA	-9,46594166	-0,161	0,317
CHR3	9394910	CHR3:9394910	SSF x Far_LoA	-11,72927	0,136	0,292
CHR3	9400539	CHR3:9400539	SSF x Far_LoA	-10,6218159	-0,019	0,312
CHR3	9400592	CHR3:9400592	SSF x Far_LoA	-8,86807126	0,088	0,307
CHR3	9400628	CHR3:9400628	SSF x Far_LoA	-5,58665908	0,136	0,304
CHR3	9409113	CHR3:9409113	SSF x Far_LoA	-9,98705001	-0,081	0,314
CHR3	9409150	CHR3:9409150	SSF x Far_LoA	-10,2344838	-0,070	0,291
CHR3	9409192	CHR3:9409192	SSF x Far_LoA	-9,27232892	-0,097	0,312
CHR3	9409199	CHR3:9409199	SSF x Far_LoA	-9,4406505	-0,042	0,304
CHR3	9411788	CHR3:9411788	SSF x Far_LoA	-9,79199918	0,079	0,291
CHR3	9411933	CHR3:9411933	SSF x Far_LoA	-8,54460844	0,061	0,315

CHR3	9411949	CHR3:9411949	SSF x Far_LoA	-9,21752318	0,017	0,326
CHR3	9412960	CHR3:9412960	SSF x Far_LoA	-8,30377286	-0,066	0,295
CHR3	9413096	CHR3:9413096	SSF x Far_LoA	-11,0641581	-0,048	0,300
CHR3	9414786	CHR3:9414786	SSF x Far_LoA	-2,17329421	0,131	0,304
CHR3	9414918	CHR3:9414918	SSF x Far_LoA	-8,60909829	-0,137	0,280
CHR3	9414955	CHR3:9414955	SSF x Far_LoA	-8,18502692	-0,035	0,319
CHR3	9415532	CHR3:9415532	SSF x Far_LoA	-10,7686437	0,025	0,296
CHR3	9426775	CHR3:9426775	SSF x Far_LoA	-10,956074	-0,047	0,307
CHR3	9426893	CHR3:9426893	SSF x Far_LoA	-10,6013136	-0,054	0,317
CHR3	9450698	CHR3:9450698	SSF x Far_LoA	-11,8706896	-0,030	0,306
CHR3	9450837	CHR3:9450837	SSF x Far_LoA	-9,71553027	0,101	0,296
CHR3	9460762	CHR3:9460762	SSF x Far_LoA	-9,36339805	-0,005	0,312
CHR3	9460763	CHR3:9460763	SSF x Far_LoA	-8,67041857	0,036	0,306
CHR3	9460927	CHR3:9460927	SSF x Far_LoA	-8,81635478	-0,059	0,306
CHR3	9468312	CHR3:9468312	SSF x Far_LoA	-5,18864778	0,038	0,312
CHR3	9477825	CHR3:9477825	SSF x Far_LoA	-7,44301354	0,044	0,300
CHR3	9483724	CHR3:9483724	SSF x Far_LoA	-8,01639798	0,088	0,295
CHR3	9483773	CHR3:9483773	SSF x Far_LoA	-8,76485683	0,087	0,306
CHR3	9487309	CHR3:9487309	SSF x Far_LoA	-8,71958214	-0,099	0,307
CHR3	9487436	CHR3:9487436	SSF x Far_LoA	-9,85886367	0,067	0,316
CHR3	9487479	CHR3:9487479	SSF x Far_LoA	-11,3581045	0,005	0,303
CHR3	9495901	CHR3:9495901	SSF x Far_LoA	-11,0379365	0,007	0,307
CHR3	9495924	CHR3:9495924	SSF x Far_LoA	-9,48568433	0,047	0,319
CHR3	9496158	CHR3:9496158	SSF x Far_LoA	-9,17684982	-0,082	0,317
CHR3	9497348	CHR3:9497348	SSF x Far_LoA	-7,01126573	-0,087	0,310
CHR3	9497366	CHR3:9497366	SSF x Far_LoA	-10,162549	-0,075	0,310
CHR3	9497659	CHR3:9497659	SSF x Far_LoA	-9,35271004	0,064	0,315
CHR3	9497686	CHR3:9497686	SSF x Far_LoA	-9,36981848	0,013	0,297
CHR3	9497710	CHR3:9497710	SSF x Far_LoA	-11,0065541	0,020	0,295
CHR3	9497757	CHR3:9497757	SSF x Far_LoA	-9,04330999	0,037	0,305
CHR3	9499708	CHR3:9499708	SSF x Far_LoA	-6,2269548	-0,162	0,288
CHR3	9499759	CHR3:9499759	SSF x Far_LoA	-4,1280256	0,036	0,318
CHR3	9499822	CHR3:9499822	SSF x Far_LoA	-9,62256732	-0,101	0,298
CHR3	9499847	CHR3:9499847	SSF x Far_LoA	-8,38290116	0,120	0,298
CHR3	9499849	CHR3:9499849	SSF x Far_LoA	-11,7841855	-0,017	0,299
CHR3	9499919	CHR3:9499919	SSF x Far_LoA	-8,26263963	-0,107	0,304
CHR3	9506278	CHR3:9506278	SSF x Far_LoA	-10,6340383	0,110	0,307
CHR3	9523956	CHR3:9523956	SSF x Far_LoA	-8,7979591	-0,037	0,326
CHR3	9526631	CHR3:9526631	SSF x Far_LoA	-8,5314586	0,081	0,306
CHR3	9526714	CHR3:9526714	SSF x Far_LoA	-4,69746657	-0,132	0,318
CHR3	9526719	CHR3:9526719	SSF x Far_LoA	-8,71447744	-0,073	0,311
CHR3	9526744	CHR3:9526744	SSF x Far_LoA	-8,587435	-0,095	0,301
CHR3	9529452	CHR3:9529452	SSF x Far_LoA	-10,8020923	0,108	0,295
CHR3	9529506	CHR3:9529506	SSF x Far_LoA	-9,54018432	0,089	0,322
CHR3	9550204	CHR3:9550204	SSF x Far_LoA	-9,63763333	0,043	0,321
CHR3	9550229	CHR3:9550229	SSF x Far_LoA	-9,94262125	-0,002	0,311
CHR3	9550348	CHR3:9550348	SSF x Far_LoA	-5,68166852	0,193	0,291
CHR3	9550350	CHR3:9550350	SSF x Far_LoA	-9,30661415	-0,011	0,309
CHR3	9550377	CHR3:9550377	SSF x Far_LoA	-11,8277425	-0,030	0,305
CHR3	9557680	CHR3:9557680	SSF x Far_LoA	-11,5722238	-0,003	0,314
CHR3	9557695	CHR3:9557695	SSF x Far_LoA	-10,2174381	-0,044	0,315
CHR3	9557696	CHR3:9557696	SSF x Far_LoA	-9,6868833	-0,026	0,300
CHR3	9557698	CHR3:9557698	SSF x Far_LoA	-11,3443499	0,015	0,299

CHR3	9557741	CHR3:9557741	SSF x Far_LoA	-8,92566768	-0,002	0,305
CHR3	9557746	CHR3:9557746	SSF x Far_LoA	-8,12406592	-0,009	0,316
CHR3	9557759	CHR3:9557759	SSF x Far_LoA	-6,70869175	-0,013	0,283
CHR3	9565570	CHR3:9565570	SSF x Far_LoA	-8,97602813	-0,044	0,313
CHR3	9566700	CHR3:9566700	SSF x Far_LoA	-9,44472208	-0,062	0,298
CHR3	957690	CHR3:957690	SSF x Far_LoA	-10,8409566	-0,031	0,291
CHR3	9586748	CHR3:9586748	SSF x Far_LoA	-11,250414	-0,098	0,310
CHR3	9603979	CHR3:9603979	SSF x Far_LoA	-8,01977863	0,048	0,324
CHR3	9603987	CHR3:9603987	SSF x Far_LoA	-11,9956642	0,078	0,313
CHR3	9604013	CHR3:9604013	SSF x Far_LoA	-8,15965474	-0,008	0,315
CHR3	9604023	CHR3:9604023	SSF x Far_LoA	-7,65434497	0,023	0,306
CHR3	9626093	CHR3:9626093	SSF x Far_LoA	-10,5320228	0,064	0,304
CHR3	9628067	CHR3:9628067	SSF x Far_LoA	-9,25016723	0,076	0,306
CHR3	9628090	CHR3:9628090	SSF x Far_LoA	-9,60385667	0,065	0,291
CHR3	9628091	CHR3:9628091	SSF x Far_LoA	-8,41264529	0,081	0,302
CHR3	9628127	CHR3:9628127	SSF x Far_LoA	-10,9322059	0,114	0,300
CHR3	9628650	CHR3:9628650	SSF x Far_LoA	-8,91054161	-0,146	0,307
CHR3	9634548	CHR3:9634548	SSF x Far_LoA	-10,3888711	0,104	0,303
CHR3	9634574	CHR3:9634574	SSF x Far_LoA	-7,69423606	-0,146	0,305
CHR3	9634663	CHR3:9634663	SSF x Far_LoA	-10,6043945	0,064	0,304
CHR3	9641267	CHR3:9641267	SSF x Far_LoA	-9,20208379	0,056	0,296
CHR3	9641318	CHR3:9641318	SSF x Far_LoA	-2,19117909	-0,163	0,303
CHR3	9647700	CHR3:9647700	SSF x Far_LoA	-9,71959127	-0,012	0,301
CHR3	9647734	CHR3:9647734	SSF x Far_LoA	-8,01826863	-0,002	0,324
CHR3	9651795	CHR3:9651795	SSF x Far_LoA	-7,18547737	-0,119	0,298
CHR3	9651917	CHR3:9651917	SSF x Far_LoA	-10,7747038	0,019	0,293
CHR3	966578	CHR3:966578	SSF x Far_LoA	-10,8042376	0,057	0,305
CHR3	967118	CHR3:967118	SSF x Far_LoA	-9,36172616	-0,083	0,297
CHR3	9686286	CHR3:9686286	SSF x Far_LoA	-9,23093718	0,145	0,286
CHR3	9697215	CHR3:9697215	SSF x Far_LoA	-10,3243608	0,110	0,305
CHR3	9702542	CHR3:9702542	SSF x Far_LoA	-7,01890288	0,088	0,318
CHR3	9702559	CHR3:9702559	SSF x Far_LoA	-9,54151689	-0,095	0,304
CHR3	9702602	CHR3:9702602	SSF x Far_LoA	-10,5711573	0,017	0,294
CHR3	9705436	CHR3:9705436	SSF x Far_LoA	-12,2282004	0,010	0,309
CHR3	9708596	CHR3:9708596	SSF x Far_LoA	-5,93913591	0,069	0,300
CHR3	9708600	CHR3:9708600	SSF x Far_LoA	-10,2635308	0,019	0,316
CHR3	9717161	CHR3:9717161	SSF x Far_LoA	-6,79094909	-0,110	0,313
CHR3	9728990	CHR3:9728990	SSF x Far_LoA	-10,3727956	-0,069	0,302
CHR3	9728996	CHR3:9728996	SSF x Far_LoA	-10,69162	-0,082	0,300
CHR3	9729011	CHR3:9729011	SSF x Far_LoA	-7,69838338	0,220	0,294
CHR3	9729038	CHR3:9729038	SSF x Far_LoA	-9,70482938	0,028	0,323
CHR3	9729336	CHR3:9729336	SSF x Far_LoA	-9,4564415	-0,022	0,313
CHR3	9729372	CHR3:9729372	SSF x Far_LoA	-8,63117147	0,186	0,293
CHR3	9732729	CHR3:9732729	SSF x Far_LoA	-4,03112371	-0,243	0,298
CHR3	9732748	CHR3:9732748	SSF x Far_LoA	-4,98362919	0,166	0,303
CHR3	9732749	CHR3:9732749	SSF x Far_LoA	-7,11586555	0,161	0,311
CHR3	9732861	CHR3:9732861	SSF x Far_LoA	-8,97112608	0,083	0,316
CHR3	9749390	CHR3:9749390	SSF x Far_LoA	-7,73360305	-0,014	0,301
CHR3	9749391	CHR3:9749391	SSF x Far_LoA	-5,76511502	0,106	0,311
CHR3	9753798	CHR3:9753798	SSF x Far_LoA	-10,7349356	-0,037	0,309
CHR3	9753813	CHR3:9753813	SSF x Far_LoA	-9,09802432	0,081	0,298
CHR3	9753836	CHR3:9753836	SSF x Far_LoA	-9,2895114	0,060	0,314
CHR3	9753906	CHR3:9753906	SSF x Far_LoA	-9,29109201	-0,117	0,318

CHR3	9753923	CHR3:9753923	SSF x Far_LoA	-9,67514249	0,061	0,313
CHR3	9756592	CHR3:9756592	SSF x Far_LoA	-9,18613826	-0,115	0,312
CHR3	9756602	CHR3:9756602	SSF x Far_LoA	-8,28269481	0,095	0,303
CHR3	9756622	CHR3:9756622	SSF x Far_LoA	-9,7353571	0,017	0,297
CHR3	9756626	CHR3:9756626	SSF x Far_LoA	-8,88907546	-0,006	0,304
CHR3	9756636	CHR3:9756636	SSF x Far_LoA	-8,37618026	-0,017	0,313
CHR3	9756639	CHR3:9756639	SSF x Far_LoA	-8,86963222	-0,013	0,309
CHR3	9756642	CHR3:9756642	SSF x Far_LoA	-11,4364817	-0,063	0,311
CHR3	9762561	CHR3:9762561	SSF x Far_LoA	-5,4902637	0,186	0,290
CHR3	9762598	CHR3:9762598	SSF x Far_LoA	-5,13713983	-0,122	0,310
CHR3	9762750	CHR3:9762750	SSF x Far_LoA	-6,72799772	-0,058	0,305
CHR3	9762752	CHR3:9762752	SSF x Far_LoA	-9,09931068	0,031	0,302
CHR3	9768994	CHR3:9768994	SSF x Far_LoA	-9,24134609	0,109	0,304
CHR3	9769019	CHR3:9769019	SSF x Far_LoA	-1,41997457	0,003	0,310
CHR3	9769028	CHR3:9769028	SSF x Far_LoA	-7,36080496	0,025	0,319
CHR3	9770140	CHR3:9770140	SSF x Far_LoA	-4,35723133	0,071	0,316
CHR3	9770163	CHR3:9770163	SSF x Far_LoA	-7,59659979	0,068	0,301
CHR3	9772337	CHR3:9772337	SSF x Far_LoA	-11,2672666	-0,057	0,300
CHR3	9772357	CHR3:9772357	SSF x Far_LoA	-8,28718001	0,061	0,313
CHR3	9772377	CHR3:9772377	SSF x Far_LoA	-9,16255543	0,053	0,308
CHR3	9781473	CHR3:9781473	SSF x Far_LoA	-9,47814833	-0,094	0,298
CHR3	9787487	CHR3:9787487	SSF x Far_LoA	-7,88989828	-0,094	0,304
CHR3	9790664	CHR3:9790664	SSF x Far_LoA	-9,00078438	-0,038	0,321
CHR3	9790813	CHR3:9790813	SSF x Far_LoA	-8,99517575	-0,130	0,302
CHR3	9790823	CHR3:9790823	SSF x Far_LoA	-9,50624195	-0,113	0,311
CHR3	9790833	CHR3:9790833	SSF x Far_LoA	-10,3193466	-0,030	0,299
CHR3	9806878	CHR3:9806878	SSF x Far_LoA	-11,6094043	-0,014	0,313
CHR3	9808196	CHR3:9808196	SSF x Far_LoA	-11,6208902	-0,106	0,300
CHR3	9813188	CHR3:9813188	SSF x Far_LoA	-7,12970805	0,119	0,297
CHR3	9815833	CHR3:9815833	SSF x Far_LoA	-5,90551084	0,056	0,302
CHR3	9815910	CHR3:9815910	SSF x Far_LoA	-9,2206324	0,184	0,282
CHR3	9815961	CHR3:9815961	SSF x Far_LoA	-9,97882465	0,116	0,300
CHR3	9816015	CHR3:9816015	SSF x Far_LoA	-2,63802226	-0,030	0,315
CHR3	9816030	CHR3:9816030	SSF x Far_LoA	-6,56495025	-0,055	0,297
CHR3	9819661	CHR3:9819661	SSF x Far_LoA	-8,33905273	0,073	0,297
CHR3	9819676	CHR3:9819676	SSF x Far_LoA	-10,0913222	-0,068	0,312
CHR3	9819713	CHR3:9819713	SSF x Far_LoA	-7,14809481	0,000	0,315
CHR3	9819715	CHR3:9819715	SSF x Far_LoA	-8,80185279	-0,055	0,313
CHR3	9819729	CHR3:9819729	SSF x Far_LoA	-8,45871474	-0,024	0,311
CHR3	9819752	CHR3:9819752	SSF x Far_LoA	-10,9670096	-0,046	0,301
CHR3	9828841	CHR3:9828841	SSF x Far_LoA	-12,0110351	-0,009	0,311
CHR3	9828996	CHR3:9828996	SSF x Far_LoA	-7,45417014	0,038	0,300
CHR3	9830597	CHR3:9830597	SSF x Far_LoA	-5,69489806	0,197	0,298
CHR3	9830646	CHR3:9830646	SSF x Far_LoA	-9,09111725	-0,030	0,314
CHR3	9830652	CHR3:9830652	SSF x Far_LoA	-10,5562652	0,052	0,323
CHR3	9833928	CHR3:9833928	SSF x Far_LoA	-9,09853738	-0,073	0,300
CHR3	9834046	CHR3:9834046	SSF x Far_LoA	-9,44076355	0,068	0,307
CHR3	9834069	CHR3:9834069	SSF x Far_LoA	-8,45486492	0,110	0,308
CHR3	9834117	CHR3:9834117	SSF x Far_LoA	-3,34155778	0,048	0,323
CHR3	9836506	CHR3:9836506	SSF x Far_LoA	-12,5249558	-0,019	0,308
CHR3	9836525	CHR3:9836525	SSF x Far_LoA	-8,12798393	-0,133	0,298
CHR3	9836547	CHR3:9836547	SSF x Far_LoA	-10,1221924	-0,114	0,304
CHR3	9840861	CHR3:9840861	SSF x Far_LoA	-9,95994167	-0,134	0,295

CHR3	9843670	CHR3:9843670	SSF x Far_LoA	-7,62083785	0,181	0,304
CHR3	9843867	CHR3:9843867	SSF x Far_LoA	-9,42395776	0,033	0,307
CHR3	9843886	CHR3:9843886	SSF x Far_LoA	-6,94437926	0,126	0,300
CHR3	9843906	CHR3:9843906	SSF x Far_LoA	-8,462554	0,016	0,299
CHR3	9863554	CHR3:9863554	SSF x Far_LoA	-11,4414554	0,023	0,312
CHR3	9863654	CHR3:9863654	SSF x Far_LoA	-8,72761265	-0,025	0,307
CHR3	9863695	CHR3:9863695	SSF x Far_LoA	-5,42032217	0,170	0,302
CHR3	9867153	CHR3:9867153	SSF x Far_LoA	-7,08483874	-0,069	0,305
CHR3	9867250	CHR3:9867250	SSF x Far_LoA	-5,10780108	0,076	0,311
CHR3	9872851	CHR3:9872851	SSF x Far_LoA	-10,8116472	0,016	0,304
CHR3	9872941	CHR3:9872941	SSF x Far_LoA	-11,0386749	-0,033	0,315
CHR3	9873009	CHR3:9873009	SSF x Far_LoA	-9,9741837	-0,047	0,311
CHR3	9873037	CHR3:9873037	SSF x Far_LoA	-10,6310536	-0,078	0,322
CHR3	9875666	CHR3:9875666	SSF x Far_LoA	-10,3394361	0,042	0,295
CHR3	9875702	CHR3:9875702	SSF x Far_LoA	-6,23146983	-0,020	0,313
CHR3	9875768	CHR3:9875768	SSF x Far_LoA	-11,1427064	0,022	0,310
CHR3	9875773	CHR3:9875773	SSF x Far_LoA	-11,5034882	0,006	0,299
CHR3	9875881	CHR3:9875881	SSF x Far_LoA	-10,2911181	-0,022	0,308
CHR3	9876412	CHR3:9876412	SSF x Far_LoA	-9,25493672	0,117	0,294
CHR3	9876421	CHR3:9876421	SSF x Far_LoA	-7,55063827	0,014	0,313
CHR3	9876468	CHR3:9876468	SSF x Far_LoA	-9,58138051	-0,007	0,304
CHR3	9887493	CHR3:9887493	SSF x Far_LoA	-6,69798126	0,093	0,294
CHR3	9896864	CHR3:9896864	SSF x Far_LoA	-6,78230166	-0,093	0,317
CHR3	9897053	CHR3:9897053	SSF x Far_LoA	-11,1759888	-0,030	0,308
CHR3	9900159	CHR3:9900159	SSF x Far_LoA	-8,74816406	0,067	0,301
CHR3	9900221	CHR3:9900221	SSF x Far_LoA	-8,07733934	-0,048	0,310
CHR3	9900236	CHR3:9900236	SSF x Far_LoA	-8,72056421	0,041	0,304
CHR3	9900364	CHR3:9900364	SSF x Far_LoA	-8,9814922	-0,134	0,299
CHR3	9903121	CHR3:9903121	SSF x Far_LoA	-8,38596608	-0,128	0,293
CHR3	9914447	CHR3:9914447	SSF x Far_LoA	-10,0470175	-0,031	0,305
CHR3	9919708	CHR3:9919708	SSF x Far_LoA	-10,2515941	-0,009	0,307
CHR3	9919745	CHR3:9919745	SSF x Far_LoA	-10,411799	0,060	0,299
CHR3	9919747	CHR3:9919747	SSF x Far_LoA	-11,8986301	0,024	0,310
CHR3	9919759	CHR3:9919759	SSF x Far_LoA	-7,22293256	-0,098	0,293
CHR3	9919765	CHR3:9919765	SSF x Far_LoA	-7,1677899	0,071	0,312
CHR3	9919768	CHR3:9919768	SSF x Far_LoA	-5,84640222	-0,098	0,306
CHR3	9919804	CHR3:9919804	SSF x Far_LoA	-11,0138067	0,024	0,300
CHR3	9926620	CHR3:9926620	SSF x Far_LoA	-11,657866	0,075	0,314
CHR3	9936228	CHR3:9936228	SSF x Far_LoA	-10,436853	0,058	0,283
CHR3	9936236	CHR3:9936236	SSF x Far_LoA	-10,9963322	0,061	0,297
CHR3	9941554	CHR3:9941554	SSF x Far_LoA	-5,36014477	-0,103	0,304
CHR3	9941605	CHR3:9941605	SSF x Far_LoA	-6,92343174	0,136	0,296
CHR3	9941620	CHR3:9941620	SSF x Far_LoA	-11,2700996	-0,093	0,295
CHR3	9941651	CHR3:9941651	SSF x Far_LoA	-11,5280444	0,122	0,298
CHR3	9941684	CHR3:9941684	SSF x Far_LoA	-6,73164217	0,134	0,299
CHR3	9941686	CHR3:9941686	SSF x Far_LoA	-11,7203733	0,013	0,306
CHR3	9941699	CHR3:9941699	SSF x Far_LoA	-9,80992906	-0,040	0,322
CHR3	9951902	CHR3:9951902	SSF x Far_LoA	-9,36283258	-0,095	0,303
CHR3	9951945	CHR3:9951945	SSF x Far_LoA	-9,80737139	-0,040	0,305
CHR3	9951983	CHR3:9951983	SSF x Far_LoA	-5,02056574	0,102	0,313
CHR3	9953679	CHR3:9953679	SSF x Far_LoA	-9,95865602	-0,116	0,308
CHR3	9959561	CHR3:9959561	SSF x Far_LoA	-8,62523149	0,070	0,316
CHR3	9959588	CHR3:9959588	SSF x Far_LoA	-8,92604532	0,011	0,306

CHR3	9959630	CHR3:9959630	SSF x Far_LoA	-10,5614765	0,001	0,302
CHR3	9959665	CHR3:9959665	SSF x Far_LoA	-9,28448649	-0,008	0,302
CHR3	9959669	CHR3:9959669	SSF x Far_LoA	-9,63740479	-0,018	0,311
CHR3	9959673	CHR3:9959673	SSF x Far_LoA	-11,2042874	-0,041	0,313
CHR3	9961918	CHR3:9961918	SSF x Far_LoA	-7,27151699	-0,138	0,304
CHR3	9994619	CHR3:9994619	SSF x Far_LoA	-8,43577028	0,111	0,301
CHR3	9994623	CHR3:9994623	SSF x Far_LoA	-7,98695385	0,143	0,299
CHR3	9995328	CHR3:9995328	SSF x Far_LoA	-6,98003885	-0,060	0,320
CHR3	9995369	CHR3:9995369	SSF x Far_LoA	-7,07488232	0,027	0,314
CHR3	9995399	CHR3:9995399	SSF x Far_LoA	-8,47928139	-0,006	0,316
CHR4	1000552	CHR4:1000552	SSF x Far_LoA	-9,98204441	0,091	0,296
CHR4	1000674	CHR4:1000674	SSF x Far_LoA	-10,7585765	0,019	0,300
CHR4	1E+07	CHR4:10007925	SSF x Far_LoA	-9,95364036	-0,113	0,306
CHR4	1E+07	CHR4:10008151	SSF x Far_LoA	-10,4236925	0,143	0,301
CHR4	1E+07	CHR4:10008164	SSF x Far_LoA	-7,88223078	-0,008	0,316
CHR4	1E+07	CHR4:10008251	SSF x Far_LoA	-10,128621	0,018	0,293
CHR4	1E+07	CHR4:10008267	SSF x Far_LoA	-7,03905878	0,071	0,311
CHR4	1E+07	CHR4:10012269	SSF x Far_LoA	-10,6645601	-0,032	0,300
CHR4	1E+07	CHR4:10020064	SSF x Far_LoA	-10,1351003	-0,013	0,297
CHR4	1E+07	CHR4:10020175	SSF x Far_LoA	-9,00392165	0,014	0,306
CHR4	1E+07	CHR4:10045678	SSF x Far_LoA	-7,91564729	0,071	0,305
CHR4	1E+07	CHR4:10058376	SSF x Far_LoA	-10,4510586	-0,075	0,295
CHR4	1E+07	CHR4:10064728	SSF x Far_LoA	-8,67933342	-0,081	0,306
CHR4	1E+07	CHR4:10114396	SSF x Far_LoA	-6,93071159	0,129	0,305
CHR4	1E+07	CHR4:10114414	SSF x Far_LoA	-5,35220947	0,279	0,269
CHR4	1E+07	CHR4:10114421	SSF x Far_LoA	-8,71007866	-0,052	0,302
CHR4	1E+07	CHR4:10114480	SSF x Far_LoA	-6,8547212	-0,155	0,298
CHR4	1E+07	CHR4:10122398	SSF x Far_LoA	-7,99183467	0,188	0,298
CHR4	1E+07	CHR4:10122450	SSF x Far_LoA	-8,5138643	-0,203	0,291
CHR4	1E+07	CHR4:10122451	SSF x Far_LoA	-10,0917229	-0,184	0,304
CHR4	1E+07	CHR4:10122502	SSF x Far_LoA	-9,0430263	-0,053	0,294
CHR4	1E+07	CHR4:10125025	SSF x Far_LoA	-10,482611	0,077	0,306
CHR4	1E+07	CHR4:10125039	SSF x Far_LoA	-9,18569925	-0,032	0,304
CHR4	1E+07	CHR4:10125043	SSF x Far_LoA	-0,04263733	-0,066	0,314
CHR4	1E+07	CHR4:10125119	SSF x Far_LoA	-4,9798746	-0,146	0,289
CHR4	1E+07	CHR4:10125137	SSF x Far_LoA	-10,987511	-0,099	0,310
CHR4	1E+07	CHR4:10125139	SSF x Far_LoA	-5,86627458	0,042	0,308
CHR4	1E+07	CHR4:10125189	SSF x Far_LoA	-5,55039453	-0,161	0,305
CHR4	1013815	CHR4:1013815	SSF x Far_LoA	-9,8198519	-0,061	0,312
CHR4	1013878	CHR4:1013878	SSF x Far_LoA	-11,9439014	0,047	0,303
CHR4	1E+07	CHR4:10140959	SSF x Far_LoA	-9,02505135	0,088	0,300
CHR4	1E+07	CHR4:10141042	SSF x Far_LoA	-7,2004318	0,000	0,310
CHR4	1E+07	CHR4:10171892	SSF x Far_LoA	-6,79941603	-0,016	0,315
CHR4	1E+07	CHR4:10171945	SSF x Far_LoA	-7,86863578	-0,107	0,313
CHR4	1E+07	CHR4:10171967	SSF x Far_LoA	-4,42743593	0,141	0,322
CHR4	1E+07	CHR4:10171975	SSF x Far_LoA	-4,88835441	0,152	0,293
CHR4	1E+07	CHR4:10171976	SSF x Far_LoA	-4,85735918	0,157	0,293
CHR4	1E+07	CHR4:10180608	SSF x Far_LoA	-7,91253453	-0,074	0,320
CHR4	1E+07	CHR4:10180663	SSF x Far_LoA	-10,5299327	-0,044	0,310
CHR4	1E+07	CHR4:10180732	SSF x Far_LoA	-10,1492018	-0,114	0,308
CHR4	1E+07	CHR4:10182923	SSF x Far_LoA	-10,8064174	-0,065	0,295
CHR4	1E+07	CHR4:10183026	SSF x Far_LoA	-9,11475074	-0,091	0,315
CHR4	1E+07	CHR4:10188671	SSF x Far_LoA	-10,8856071	0,013	0,311

CHR4	1E+07	CHR4:10195584	SSF x Far_LoA	-9,85284413	-0,047	0,313
CHR4	1E+07	CHR4:10195586	SSF x Far_LoA	-9,71664301	0,130	0,301
CHR4	1E+07	CHR4:10195589	SSF x Far_LoA	-10,3380589	0,109	0,288
CHR4	1E+07	CHR4:10195595	SSF x Far_LoA	-9,12249551	0,126	0,293
CHR4	1E+07	CHR4:10195672	SSF x Far_LoA	-9,06452624	-0,061	0,308
CHR4	1E+07	CHR4:10195690	SSF x Far_LoA	-9,52378995	-0,064	0,306
CHR4	1E+07	CHR4:10195700	SSF x Far_LoA	-9,30905622	-0,042	0,309
CHR4	1E+07	CHR4:10195703	SSF x Far_LoA	-8,55830453	-0,028	0,302
CHR4	1E+07	CHR4:10196360	SSF x Far_LoA	-8,43412184	-0,029	0,315
CHR4	1E+07	CHR4:10196409	SSF x Far_LoA	-10,055402	0,067	0,308
CHR4	1E+07	CHR4:10201466	SSF x Far_LoA	-9,69207395	-0,112	0,309
CHR4	1E+07	CHR4:10201476	SSF x Far_LoA	-9,62996281	-0,047	0,299
CHR4	1E+07	CHR4:10201526	SSF x Far_LoA	-8,12971509	0,126	0,290
CHR4	1E+07	CHR4:10201541	SSF x Far_LoA	-10,4313955	0,041	0,307
CHR4	1E+07	CHR4:10206085	SSF x Far_LoA	-8,47327637	0,141	0,312
CHR4	1E+07	CHR4:10206086	SSF x Far_LoA	-10,7836849	0,061	0,308
CHR4	1E+07	CHR4:10206105	SSF x Far_LoA	-10,3734289	-0,116	0,288
CHR4	1E+07	CHR4:10206164	SSF x Far_LoA	-9,08732543	-0,022	0,307
CHR4	1E+07	CHR4:10210214	SSF x Far_LoA	-11,0584914	-0,048	0,308
CHR4	1E+07	CHR4:10210815	SSF x Far_LoA	-9,84940961	0,043	0,309
CHR4	1E+07	CHR4:10210816	SSF x Far_LoA	-9,40696519	0,027	0,300
CHR4	1E+07	CHR4:10210817	SSF x Far_LoA	-10,1557363	0,021	0,298
CHR4	1E+07	CHR4:10213788	SSF x Far_LoA	-10,0981838	0,132	0,308
CHR4	1E+07	CHR4:10213829	SSF x Far_LoA	-9,76098308	-0,009	0,318
CHR4	1E+07	CHR4:10213855	SSF x Far_LoA	-7,53243106	0,177	0,284
CHR4	1E+07	CHR4:10213866	SSF x Far_LoA	-8,51264806	-0,142	0,287
CHR4	1E+07	CHR4:10215294	SSF x Far_LoA	-7,20843089	0,152	0,311
CHR4	1E+07	CHR4:10215399	SSF x Far_LoA	-10,4980137	0,131	0,293
CHR4	1E+07	CHR4:10223315	SSF x Far_LoA	-5,66655191	-0,011	0,306
CHR4	1E+07	CHR4:10223355	SSF x Far_LoA	-9,34924096	-0,110	0,301
CHR4	1E+07	CHR4:10223363	SSF x Far_LoA	-6,33326077	-0,108	0,303
CHR4	1E+07	CHR4:10224162	SSF x Far_LoA	-9,19675424	-0,069	0,298
CHR4	1E+07	CHR4:10224191	SSF x Far_LoA	-9,03468423	-0,008	0,301
CHR4	1E+07	CHR4:10224255	SSF x Far_LoA	-9,91289899	0,078	0,305
CHR4	1022889	CHR4:1022889	SSF x Far_LoA	-10,2597732	-0,011	0,308
CHR4	1022902	CHR4:1022902	SSF x Far_LoA	-9,06302016	0,004	0,320
CHR4	1E+07	CHR4:10229695	SSF x Far_LoA	-9,91049013	0,038	0,291
CHR4	1E+07	CHR4:10229697	SSF x Far_LoA	-9,99203909	0,075	0,301
CHR4	1E+07	CHR4:10229711	SSF x Far_LoA	-10,3424638	0,060	0,293
CHR4	1E+07	CHR4:10229720	SSF x Far_LoA	-8,81873792	0,070	0,308
CHR4	1E+07	CHR4:10229750	SSF x Far_LoA	-7,41841944	-0,003	0,307
CHR4	1E+07	CHR4:10229758	SSF x Far_LoA	-7,08495783	-0,211	0,292
CHR4	1E+07	CHR4:10229761	SSF x Far_LoA	-9,16371397	-0,018	0,313
CHR4	1E+07	CHR4:10229772	SSF x Far_LoA	-6,45679189	0,064	0,306
CHR4	1E+07	CHR4:10229774	SSF x Far_LoA	-10,7337218	-0,014	0,319
CHR4	1E+07	CHR4:10229866	SSF x Far_LoA	-7,72376462	0,102	0,310
CHR4	1E+07	CHR4:10229889	SSF x Far_LoA	-9,45696559	0,143	0,312
CHR4	1E+07	CHR4:10229892	SSF x Far_LoA	-10,2311925	0,047	0,302
CHR4	1E+07	CHR4:10229895	SSF x Far_LoA	-7,57427044	0,150	0,303
CHR4	1E+07	CHR4:10229931	SSF x Far_LoA	-10,9275521	-0,014	0,308
CHR4	1E+07	CHR4:10229947	SSF x Far_LoA	-9,00060011	0,097	0,300
CHR4	1E+07	CHR4:10234338	SSF x Far_LoA	-9,64766558	-0,096	0,309
CHR4	1E+07	CHR4:10234340	SSF x Far_LoA	-11,2144929	0,001	0,301

CHR4	1E+07	CHR4:10241669	SSF x Far_LoA	-6,14780273	-0,141	0,292
CHR4	1E+07	CHR4:10241717	SSF x Far_LoA	-8,92142268	-0,076	0,294
CHR4	1E+07	CHR4:10241857	SSF x Far_LoA	-10,299746	-0,063	0,303
CHR4	1E+07	CHR4:10247542	SSF x Far_LoA	-9,32064589	0,002	0,304
CHR4	1E+07	CHR4:10247575	SSF x Far_LoA	-11,9815975	0,003	0,298
CHR4	1E+07	CHR4:10247583	SSF x Far_LoA	-8,33347673	0,023	0,311
CHR4	1E+07	CHR4:10247602	SSF x Far_LoA	-7,26758627	0,024	0,310
CHR4	1E+07	CHR4:10247607	SSF x Far_LoA	-11,3325557	-0,005	0,308
CHR4	1E+07	CHR4:10249785	SSF x Far_LoA	-8,2144347	-0,044	0,309
CHR4	1E+07	CHR4:10249790	SSF x Far_LoA	-7,88650123	-0,001	0,292
CHR4	1E+07	CHR4:10249815	SSF x Far_LoA	-10,3920731	0,148	0,296
CHR4	1E+07	CHR4:10249854	SSF x Far_LoA	-7,27628869	-0,120	0,320
CHR4	1E+07	CHR4:10249981	SSF x Far_LoA	-10,2981945	-0,006	0,310
CHR4	1E+07	CHR4:10250024	SSF x Far_LoA	-11,0672362	-0,028	0,294
CHR4	1E+07	CHR4:10254925	SSF x Far_LoA	-9,34000797	-0,083	0,293
CHR4	1E+07	CHR4:10255687	SSF x Far_LoA	-10,7667912	-0,053	0,289
CHR4	1E+07	CHR4:10255817	SSF x Far_LoA	-11,2149734	-0,044	0,294
CHR4	1E+07	CHR4:10272162	SSF x Far_LoA	-9,46631321	0,020	0,310
CHR4	1E+07	CHR4:10272321	SSF x Far_LoA	-6,62686985	0,178	0,293
CHR4	1E+07	CHR4:10272356	SSF x Far_LoA	-7,52786473	0,008	0,313
CHR4	1028165	CHR4:1028165	SSF x Far_LoA	-2,77975349	-0,149	0,302
CHR4	1E+07	CHR4:10283806	SSF x Far_LoA	-9,50907103	-0,064	0,302
CHR4	1E+07	CHR4:10283809	SSF x Far_LoA	-4,08375849	0,147	0,293
CHR4	1E+07	CHR4:10283834	SSF x Far_LoA	-9,31032886	-0,105	0,302
CHR4	1E+07	CHR4:10283912	SSF x Far_LoA	-6,24624257	0,172	0,290
CHR4	1E+07	CHR4:10283916	SSF x Far_LoA	-8,68027982	0,081	0,300
CHR4	1E+07	CHR4:10283922	SSF x Far_LoA	-7,30238079	0,104	0,313
CHR4	1E+07	CHR4:10283924	SSF x Far_LoA	-7,00421658	0,060	0,299
CHR4	1E+07	CHR4:10283967	SSF x Far_LoA	-7,26609176	0,116	0,295
CHR4	1E+07	CHR4:10283982	SSF x Far_LoA	-0,79951084	0,158	0,293
CHR4	1E+07	CHR4:10283984	SSF x Far_LoA	-7,26997403	0,175	0,288
CHR4	1E+07	CHR4:10284002	SSF x Far_LoA	-9,29204834	-0,057	0,314
CHR4	1E+07	CHR4:10293210	SSF x Far_LoA	-10,2485295	-0,062	0,301
CHR4	1E+07	CHR4:10293236	SSF x Far_LoA	-8,90713582	-0,069	0,320
CHR4	1E+07	CHR4:10293276	SSF x Far_LoA	-6,80411624	-0,149	0,294
CHR4	1E+07	CHR4:10320502	SSF x Far_LoA	-9,50654007	0,012	0,297
CHR4	1E+07	CHR4:10320639	SSF x Far_LoA	-8,11286671	-0,104	0,315
CHR4	1E+07	CHR4:10325932	SSF x Far_LoA	-10,3093726	-0,116	0,316
CHR4	1E+07	CHR4:10325946	SSF x Far_LoA	-9,62965561	-0,042	0,297
CHR4	1E+07	CHR4:10325962	SSF x Far_LoA	-9,67028577	-0,013	0,285
CHR4	1E+07	CHR4:10325968	SSF x Far_LoA	-10,1235113	0,027	0,297
CHR4	1E+07	CHR4:10325975	SSF x Far_LoA	-7,98330856	0,074	0,316
CHR4	1E+07	CHR4:10338696	SSF x Far_LoA	-8,42821498	0,045	0,303
CHR4	1E+07	CHR4:10338800	SSF x Far_LoA	-11,8290211	0,041	0,304
CHR4	1E+07	CHR4:10338819	SSF x Far_LoA	-9,78625993	0,041	0,301
CHR4	1E+07	CHR4:10338826	SSF x Far_LoA	-12,5017715	0,014	0,287
CHR4	1E+07	CHR4:10338854	SSF x Far_LoA	-12,484153	0,030	0,294
CHR4	1E+07	CHR4:10349473	SSF x Far_LoA	-4,61385611	-0,117	0,304
CHR4	1E+07	CHR4:10349539	SSF x Far_LoA	-11,697076	-0,045	0,308
CHR4	1E+07	CHR4:10349613	SSF x Far_LoA	-9,68163725	0,002	0,316
CHR4	1E+07	CHR4:10370140	SSF x Far_LoA	-7,10883982	-0,130	0,297
CHR4	1E+07	CHR4:10370229	SSF x Far_LoA	-7,01436381	0,137	0,300
CHR4	1E+07	CHR4:10373491	SSF x Far_LoA	-9,31880106	-0,076	0,318

CHR4	1E+07	CHR4:10383328	SSF x Far_LoA	-12,0321958	-0,048	0,309
CHR4	1E+07	CHR4:10383356	SSF x Far_LoA	-10,1525572	0,104	0,302
CHR4	1039230	CHR4:1039230	SSF x Far_LoA	-8,67610651	0,019	0,313
CHR4	1E+07	CHR4:10393125	SSF x Far_LoA	-10,6095262	-0,085	0,301
CHR4	1E+07	CHR4:10393142	SSF x Far_LoA	-7,35982727	-0,032	0,316
CHR4	1E+07	CHR4:10393198	SSF x Far_LoA	-9,72583143	0,060	0,311
CHR4	1E+07	CHR4:10393243	SSF x Far_LoA	-7,74864521	-0,006	0,321
CHR4	1E+07	CHR4:10393269	SSF x Far_LoA	-9,40778075	-0,038	0,320
CHR4	1E+07	CHR4:10393276	SSF x Far_LoA	-8,67947702	0,049	0,310
CHR4	1E+07	CHR4:10393287	SSF x Far_LoA	-11,0243873	-0,074	0,311
CHR4	1E+07	CHR4:10393326	SSF x Far_LoA	-8,85438137	-0,072	0,314
CHR4	1E+07	CHR4:10393359	SSF x Far_LoA	-8,52403341	-0,145	0,305
CHR4	1E+07	CHR4:10396888	SSF x Far_LoA	-11,0192446	-0,115	0,307
CHR4	1E+07	CHR4:10396952	SSF x Far_LoA	-12,033181	-0,014	0,302
CHR4	1E+07	CHR4:10397194	SSF x Far_LoA	-12,4911753	-0,040	0,305
CHR4	1E+07	CHR4:10410335	SSF x Far_LoA	-9,30377668	-0,004	0,310
CHR4	1E+07	CHR4:10410343	SSF x Far_LoA	-11,0738903	0,053	0,312
CHR4	1E+07	CHR4:10410347	SSF x Far_LoA	-9,58575503	0,004	0,314
CHR4	1E+07	CHR4:10410354	SSF x Far_LoA	-9,9745423	0,070	0,290
CHR4	1E+07	CHR4:10410408	SSF x Far_LoA	-8,33000798	-0,070	0,303
CHR4	1E+07	CHR4:10410434	SSF x Far_LoA	-6,40370968	-0,100	0,297
CHR4	1E+07	CHR4:10410441	SSF x Far_LoA	-9,4862723	-0,020	0,311
CHR4	1E+07	CHR4:10410455	SSF x Far_LoA	-11,5458197	-0,018	0,313
CHR4	1041383	CHR4:1041383	SSF x Far_LoA	-9,92405371	-0,015	0,309
CHR4	1E+07	CHR4:10415438	SSF x Far_LoA	-10,8996022	0,005	0,306
CHR4	1E+07	CHR4:10415503	SSF x Far_LoA	-6,80832632	0,005	0,310
CHR4	1E+07	CHR4:10415524	SSF x Far_LoA	-9,05120568	-0,038	0,310
CHR4	1E+07	CHR4:10415571	SSF x Far_LoA	-9,61784806	0,033	0,292
CHR4	1E+07	CHR4:10416373	SSF x Far_LoA	-8,97987547	0,038	0,302
CHR4	1E+07	CHR4:10419137	SSF x Far_LoA	-11,9889088	0,028	0,314
CHR4	1E+07	CHR4:10419139	SSF x Far_LoA	-10,8832618	0,059	0,305
CHR4	1E+07	CHR4:10419140	SSF x Far_LoA	-10,8439241	0,014	0,316
CHR4	1E+07	CHR4:10425810	SSF x Far_LoA	-8,16406764	0,065	0,303
CHR4	1E+07	CHR4:10425844	SSF x Far_LoA	-4,10700867	0,065	0,300
CHR4	1E+07	CHR4:10425865	SSF x Far_LoA	-8,94944826	0,062	0,305
CHR4	1E+07	CHR4:10425868	SSF x Far_LoA	-10,5882191	0,001	0,298
CHR4	1E+07	CHR4:10425924	SSF x Far_LoA	-11,4631438	-0,020	0,314
CHR4	1E+07	CHR4:10432475	SSF x Far_LoA	-9,91947056	-0,121	0,308
CHR4	1E+07	CHR4:10432497	SSF x Far_LoA	-9,62043193	0,067	0,296
CHR4	1E+07	CHR4:10432543	SSF x Far_LoA	-11,395106	-0,047	0,311
CHR4	1E+07	CHR4:10432572	SSF x Far_LoA	-9,11892862	-0,055	0,314
CHR4	1E+07	CHR4:10432574	SSF x Far_LoA	-7,74601195	-0,045	0,296
CHR4	1E+07	CHR4:10432576	SSF x Far_LoA	-5,67570357	-0,050	0,307
CHR4	1E+07	CHR4:10443018	SSF x Far_LoA	-7,8247997	-0,004	0,311
CHR4	1E+07	CHR4:10443033	SSF x Far_LoA	-10,9949842	0,052	0,304
CHR4	1E+07	CHR4:10443069	SSF x Far_LoA	-10,5342423	-0,034	0,292
CHR4	1E+07	CHR4:10464563	SSF x Far_LoA	-12,5726811	-0,019	0,295
CHR4	1047056	CHR4:1047056	SSF x Far_LoA	-10,1812926	0,005	0,309
CHR4	1E+07	CHR4:10470605	SSF x Far_LoA	-4,55292394	0,255	0,296
CHR4	1E+07	CHR4:10476766	SSF x Far_LoA	-8,41813082	-0,010	0,300
CHR4	1E+07	CHR4:10476892	SSF x Far_LoA	-8,89261884	-0,050	0,310
CHR4	1E+07	CHR4:10476932	SSF x Far_LoA	-7,20153417	-0,082	0,302
CHR4	1E+07	CHR4:10476935	SSF x Far_LoA	-9,31355978	0,010	0,317

CHR4	1E+07	CHR4:10499573	SSF x Far_LoA	-3,1820072	0,140	0,299
CHR4	1E+07	CHR4:10499592	SSF x Far_LoA	-10,4759291	0,151	0,282
CHR4	1E+07	CHR4:10499602	SSF x Far_LoA	-10,0211234	0,090	0,312
CHR4	1E+07	CHR4:10499613	SSF x Far_LoA	-8,81034204	0,090	0,316
CHR4	10501262	CHR4:10501262	SSF x Far_LoA	-9,16254474	-0,014	0,314
CHR4	10501287	CHR4:10501287	SSF x Far_LoA	-7,62206925	0,060	0,316
CHR4	10501326	CHR4:10501326	SSF x Far_LoA	-7,11471834	-0,081	0,317
CHR4	10514537	CHR4:10514537	SSF x Far_LoA	-1,95029372	0,138	0,293
CHR4	10514538	CHR4:10514538	SSF x Far_LoA	-3,54725441	0,123	0,301
CHR4	10514549	CHR4:10514549	SSF x Far_LoA	-1,36641008	-0,117	0,301
CHR4	10514615	CHR4:10514615	SSF x Far_LoA	-9,80412421	-0,030	0,313
CHR4	10514755	CHR4:10514755	SSF x Far_LoA	-10,6919439	-0,043	0,313
CHR4	10521597	CHR4:10521597	SSF x Far_LoA	-9,08432517	0,080	0,306
CHR4	10521600	CHR4:10521600	SSF x Far_LoA	-7,3999415	0,089	0,307
CHR4	10524788	CHR4:10524788	SSF x Far_LoA	-7,8445561	0,059	0,312
CHR4	10529023	CHR4:10529023	SSF x Far_LoA	-9,99708039	0,007	0,315
CHR4	10547007	CHR4:10547007	SSF x Far_LoA	-7,40337387	-0,181	0,291
CHR4	10550122	CHR4:10550122	SSF x Far_LoA	-9,81164202	-0,121	0,287
CHR4	10555225	CHR4:10555225	SSF x Far_LoA	-5,08080182	-0,052	0,300
CHR4	10555227	CHR4:10555227	SSF x Far_LoA	-10,4359763	0,025	0,303
CHR4	10555260	CHR4:10555260	SSF x Far_LoA	-2,88795517	-0,124	0,309
CHR4	10555317	CHR4:10555317	SSF x Far_LoA	-7,66425556	0,111	0,293
CHR4	10555374	CHR4:10555374	SSF x Far_LoA	-8,58294277	0,096	0,298
CHR4	10555412	CHR4:10555412	SSF x Far_LoA	-10,4934162	-0,071	0,316
CHR4	10555449	CHR4:10555449	SSF x Far_LoA	-9,3904089	0,095	0,287
CHR4	10558816	CHR4:10558816	SSF x Far_LoA	-6,15110028	0,069	0,309
CHR4	10558925	CHR4:10558925	SSF x Far_LoA	-9,65992132	0,090	0,294
CHR4	10558936	CHR4:10558936	SSF x Far_LoA	-11,1081749	0,046	0,295
CHR4	10558938	CHR4:10558938	SSF x Far_LoA	-10,0277574	-0,016	0,306
CHR4	10558949	CHR4:10558949	SSF x Far_LoA	-8,73644749	-0,068	0,313
CHR4	10558986	CHR4:10558986	SSF x Far_LoA	-9,18054388	-0,040	0,304
CHR4	10559037	CHR4:10559037	SSF x Far_LoA	-8,11518042	-0,019	0,320
CHR4	10574021	CHR4:10574021	SSF x Far_LoA	-7,75197956	0,054	0,306
CHR4	10583763	CHR4:10583763	SSF x Far_LoA	-8,02413406	0,008	0,304
CHR4	10585999	CHR4:10585999	SSF x Far_LoA	-7,87438184	-0,053	0,306
CHR4	10586038	CHR4:10586038	SSF x Far_LoA	-1,03155691	0,051	0,299
CHR4	10586054	CHR4:10586054	SSF x Far_LoA	-7,82678093	-0,079	0,307
CHR4	10588108	CHR4:10588108	SSF x Far_LoA	-6,79396464	0,005	0,313
CHR4	10591222	CHR4:10591222	SSF x Far_LoA	-9,95867227	-0,095	0,314
CHR4	10591317	CHR4:10591317	SSF x Far_LoA	-11,4146256	0,002	0,299
CHR4	10591405	CHR4:10591405	SSF x Far_LoA	-10,0891112	-0,089	0,324
CHR4	10591438	CHR4:10591438	SSF x Far_LoA	-9,40877994	0,122	0,282
CHR4	10591439	CHR4:10591439	SSF x Far_LoA	-5,49908916	-0,043	0,307
CHR4	10608832	CHR4:10608832	SSF x Far_LoA	-10,0037059	0,001	0,316
CHR4	10608907	CHR4:10608907	SSF x Far_LoA	-9,34446611	-0,108	0,316
CHR4	10608945	CHR4:10608945	SSF x Far_LoA	-8,27819916	0,113	0,313
CHR4	10608961	CHR4:10608961	SSF x Far_LoA	-10,6936636	-0,035	0,306
CHR4	10609027	CHR4:10609027	SSF x Far_LoA	-10,1759066	0,012	0,310
CHR4	10609040	CHR4:10609040	SSF x Far_LoA	-8,85649302	-0,059	0,305
CHR4	10609069	CHR4:10609069	SSF x Far_LoA	-9,74707044	-0,005	0,292
CHR4	10613290	CHR4:10613290	SSF x Far_LoA	-11,8293821	-0,005	0,315
CHR4	10613533	CHR4:10613533	SSF x Far_LoA	-7,72327722	0,057	0,313
CHR4	10614939	CHR4:10614939	SSF x Far_LoA	-10,2859097	-0,003	0,320

CHR4	10614998	CHR4:10614998	SSF x Far_LoA	-9,68185251	0,016	0,294
CHR4	10622143	CHR4:10622143	SSF x Far_LoA	-9,51711061	-0,047	0,312
CHR4	10622166	CHR4:10622166	SSF x Far_LoA	-6,07074241	-0,039	0,306
CHR4	10622246	CHR4:10622246	SSF x Far_LoA	-11,2474014	0,084	0,311
CHR4	10622272	CHR4:10622272	SSF x Far_LoA	-8,50256202	0,087	0,306
CHR4	10622296	CHR4:10622296	SSF x Far_LoA	-4,25003306	-0,132	0,297
CHR4	10622333	CHR4:10622333	SSF x Far_LoA	-6,14885063	-0,053	0,302
CHR4	10622337	CHR4:10622337	SSF x Far_LoA	-8,98884715	-0,001	0,316
CHR4	10637437	CHR4:10637437	SSF x Far_LoA	-8,93172154	0,027	0,308
CHR4	10637438	CHR4:10637438	SSF x Far_LoA	-9,5528011	0,010	0,300
CHR4	10637445	CHR4:10637445	SSF x Far_LoA	-9,30068626	0,007	0,301
CHR4	10637476	CHR4:10637476	SSF x Far_LoA	-9,09082634	0,002	0,303
CHR4	10637590	CHR4:10637590	SSF x Far_LoA	-11,167622	0,049	0,303
CHR4	1064240	CHR4:1064240	SSF x Far_LoA	-7,51883856	0,124	0,299
CHR4	10650078	CHR4:10650078	SSF x Far_LoA	-10,0263661	-0,005	0,286
CHR4	10650126	CHR4:10650126	SSF x Far_LoA	-9,48547149	-0,017	0,301
CHR4	10650206	CHR4:10650206	SSF x Far_LoA	-9,67903061	0,020	0,304
CHR4	10654621	CHR4:10654621	SSF x Far_LoA	-8,7477348	-0,020	0,310
CHR4	10654625	CHR4:10654625	SSF x Far_LoA	-8,85465665	-0,023	0,312
CHR4	10666225	CHR4:10666225	SSF x Far_LoA	-9,10737828	0,067	0,304
CHR4	10666227	CHR4:10666227	SSF x Far_LoA	-9,45951822	-0,054	0,309
CHR4	10666261	CHR4:10666261	SSF x Far_LoA	-9,85417341	0,010	0,310
CHR4	10666268	CHR4:10666268	SSF x Far_LoA	-5,3052114	0,026	0,308
CHR4	10666331	CHR4:10666331	SSF x Far_LoA	-11,3014969	0,039	0,302
CHR4	10667660	CHR4:10667660	SSF x Far_LoA	-5,9387071	0,147	0,308
CHR4	10667697	CHR4:10667697	SSF x Far_LoA	-9,51843745	-0,090	0,309
CHR4	10667781	CHR4:10667781	SSF x Far_LoA	-11,3846635	0,009	0,316
CHR4	10667833	CHR4:10667833	SSF x Far_LoA	-7,34210425	-0,036	0,303
CHR4	10667873	CHR4:10667873	SSF x Far_LoA	-8,7486134	-0,054	0,303
CHR4	10671070	CHR4:10671070	SSF x Far_LoA	-7,32988699	0,034	0,304
CHR4	10671103	CHR4:10671103	SSF x Far_LoA	-10,2302972	0,016	0,314
CHR4	10671109	CHR4:10671109	SSF x Far_LoA	-12,2936379	-0,049	0,311
CHR4	10671128	CHR4:10671128	SSF x Far_LoA	-8,0757053	0,006	0,299
CHR4	10671150	CHR4:10671150	SSF x Far_LoA	-9,02197545	-0,028	0,311
CHR4	10671156	CHR4:10671156	SSF x Far_LoA	-6,34347044	0,120	0,293
CHR4	10671202	CHR4:10671202	SSF x Far_LoA	-9,32158111	-0,021	0,307
CHR4	10679393	CHR4:10679393	SSF x Far_LoA	-9,49951188	0,012	0,307
CHR4	1067943	CHR4:1067943	SSF x Far_LoA	-7,34241647	-0,046	0,293
CHR4	10683873	CHR4:10683873	SSF x Far_LoA	-6,59601265	-0,158	0,299
CHR4	10683886	CHR4:10683886	SSF x Far_LoA	-9,34804785	-0,081	0,312
CHR4	10683956	CHR4:10683956	SSF x Far_LoA	-8,54882429	0,037	0,301
CHR4	10687067	CHR4:10687067	SSF x Far_LoA	-9,59072623	0,146	0,307
CHR4	10687194	CHR4:10687194	SSF x Far_LoA	-9,45988316	-0,005	0,318
CHR4	10687283	CHR4:10687283	SSF x Far_LoA	-10,4239755	-0,066	0,317
CHR4	10689700	CHR4:10689700	SSF x Far_LoA	-8,67909861	0,037	0,318
CHR4	10689708	CHR4:10689708	SSF x Far_LoA	-10,8241373	-0,064	0,307
CHR4	10692482	CHR4:10692482	SSF x Far_LoA	-12,1057872	0,062	0,299
CHR4	10692484	CHR4:10692484	SSF x Far_LoA	-8,71643351	0,062	0,307
CHR4	10692664	CHR4:10692664	SSF x Far_LoA	-10,511965	0,039	0,307
CHR4	10692666	CHR4:10692666	SSF x Far_LoA	-10,4654149	0,044	0,299
CHR4	10714052	CHR4:10714052	SSF x Far_LoA	-11,8650488	0,037	0,299
CHR4	10714194	CHR4:10714194	SSF x Far_LoA	-12,3225939	-0,014	0,308
CHR4	10718586	CHR4:10718586	SSF x Far_LoA	-4,88311524	-0,059	0,320

CHR4	10718599	CHR4:10718599	SSF x Far_LoA	-9,10464902	-0,077	0,312
CHR4	10718621	CHR4:10718621	SSF x Far_LoA	-11,557288	-0,014	0,324
CHR4	10718628	CHR4:10718628	SSF x Far_LoA	-7,52582047	0,008	0,297
CHR4	10718629	CHR4:10718629	SSF x Far_LoA	-11,5676971	0,045	0,296
CHR4	10718671	CHR4:10718671	SSF x Far_LoA	-11,0742231	0,008	0,304
CHR4	10718686	CHR4:10718686	SSF x Far_LoA	-8,65940652	0,070	0,318
CHR4	10718785	CHR4:10718785	SSF x Far_LoA	-9,79612053	0,024	0,314
CHR4	10718817	CHR4:10718817	SSF x Far_LoA	-5,22999864	0,038	0,307
CHR4	10718820	CHR4:10718820	SSF x Far_LoA	-8,14697659	0,085	0,310
CHR4	10718842	CHR4:10718842	SSF x Far_LoA	-7,95450573	-0,125	0,302
CHR4	10722107	CHR4:10722107	SSF x Far_LoA	-10,8002311	-0,098	0,294
CHR4	10722211	CHR4:10722211	SSF x Far_LoA	-12,1106389	-0,007	0,315
CHR4	10723410	CHR4:10723410	SSF x Far_LoA	-11,8020058	-0,099	0,307
CHR4	10739278	CHR4:10739278	SSF x Far_LoA	-9,38040899	0,105	0,303
CHR4	10739503	CHR4:10739503	SSF x Far_LoA	-8,40169649	-0,025	0,307
CHR4	10739505	CHR4:10739505	SSF x Far_LoA	-7,01555516	0,175	0,289
CHR4	10739577	CHR4:10739577	SSF x Far_LoA	-9,00814515	-0,069	0,308
CHR4	10742796	CHR4:10742796	SSF x Far_LoA	-1,98973488	-0,191	0,317
CHR4	10742804	CHR4:10742804	SSF x Far_LoA	-5,38975174	0,208	0,285
CHR4	10742835	CHR4:10742835	SSF x Far_LoA	-6,66846217	0,172	0,304
CHR4	10742845	CHR4:10742845	SSF x Far_LoA	-7,11037756	-0,139	0,321
CHR4	10742875	CHR4:10742875	SSF x Far_LoA	-10,293492	0,028	0,303
CHR4	10742921	CHR4:10742921	SSF x Far_LoA	-3,47501744	0,084	0,316
CHR4	10749718	CHR4:10749718	SSF x Far_LoA	-8,00846816	-0,031	0,303
CHR4	10749987	CHR4:10749987	SSF x Far_LoA	-10,3030122	0,026	0,306
CHR4	10755459	CHR4:10755459	SSF x Far_LoA	-10,4985531	-0,077	0,309
CHR4	10755498	CHR4:10755498	SSF x Far_LoA	-8,96435711	0,062	0,302
CHR4	10755561	CHR4:10755561	SSF x Far_LoA	-9,07436297	-0,100	0,308
CHR4	10755622	CHR4:10755622	SSF x Far_LoA	-8,4864693	0,023	0,320
CHR4	10755628	CHR4:10755628	SSF x Far_LoA	-7,65338707	0,023	0,312
CHR4	10755676	CHR4:10755676	SSF x Far_LoA	-8,33456863	-0,086	0,302
CHR4	10755702	CHR4:10755702	SSF x Far_LoA	-11,6065082	0,011	0,307
CHR4	10761582	CHR4:10761582	SSF x Far_LoA	-12,4604144	-0,039	0,301
CHR4	10761637	CHR4:10761637	SSF x Far_LoA	-5,03331078	0,128	0,291
CHR4	10766100	CHR4:10766100	SSF x Far_LoA	-11,8445143	0,002	0,304
CHR4	10766153	CHR4:10766153	SSF x Far_LoA	-10,9149795	0,063	0,307
CHR4	10766174	CHR4:10766174	SSF x Far_LoA	-11,4910813	-0,027	0,306
CHR4	10766176	CHR4:10766176	SSF x Far_LoA	-12,2758005	0,014	0,315
CHR4	10766344	CHR4:10766344	SSF x Far_LoA	-8,32997834	-0,035	0,304
CHR4	10766347	CHR4:10766347	SSF x Far_LoA	-8,62979403	0,132	0,303
CHR4	10766356	CHR4:10766356	SSF x Far_LoA	-9,4657697	0,001	0,310
CHR4	10766363	CHR4:10766363	SSF x Far_LoA	-11,9743675	-0,060	0,309
CHR4	10766364	CHR4:10766364	SSF x Far_LoA	-10,8649725	-0,020	0,295
CHR4	10766365	CHR4:10766365	SSF x Far_LoA	-10,0365316	0,020	0,303
CHR4	10766410	CHR4:10766410	SSF x Far_LoA	-7,31482919	0,212	0,293
CHR4	10768296	CHR4:10768296	SSF x Far_LoA	-8,12682522	-0,078	0,302
CHR4	10768340	CHR4:10768340	SSF x Far_LoA	-8,53491631	-0,056	0,303
CHR4	10768341	CHR4:10768341	SSF x Far_LoA	-8,57744721	-0,064	0,303
CHR4	10768455	CHR4:10768455	SSF x Far_LoA	-8,57603981	-0,101	0,310
CHR4	10768468	CHR4:10768468	SSF x Far_LoA	-9,82709997	0,118	0,306
CHR4	10768517	CHR4:10768517	SSF x Far_LoA	-10,8895344	-0,002	0,313
CHR4	10790594	CHR4:10790594	SSF x Far_LoA	-9,35281311	-0,010	0,299
CHR4	10795823	CHR4:10795823	SSF x Far_LoA	-8,40021276	-0,097	0,307

CHR4	10795843	CHR4:10795843	SSF x Far_LoA	-8,99991246	0,048	0,312
CHR4	10799209	CHR4:10799209	SSF x Far_LoA	-8,89414283	-0,007	0,314
CHR4	10799225	CHR4:10799225	SSF x Far_LoA	-9,20465389	-0,079	0,300
CHR4	10799232	CHR4:10799232	SSF x Far_LoA	-9,62223586	0,067	0,303
CHR4	10801249	CHR4:10801249	SSF x Far_LoA	-9,85763236	0,079	0,286
CHR4	10818888	CHR4:10818888	SSF x Far_LoA	-11,1090253	0,093	0,296
CHR4	10828056	CHR4:10828056	SSF x Far_LoA	-7,07995443	0,061	0,300
CHR4	10831408	CHR4:10831408	SSF x Far_LoA	-7,49763883	-0,022	0,302
CHR4	10831459	CHR4:10831459	SSF x Far_LoA	-10,9393216	-0,075	0,294
CHR4	10833794	CHR4:10833794	SSF x Far_LoA	-6,26289597	-0,083	0,312
CHR4	10833891	CHR4:10833891	SSF x Far_LoA	-10,1891237	-0,021	0,299
CHR4	10833915	CHR4:10833915	SSF x Far_LoA	-10,0570793	0,008	0,311
CHR4	10833967	CHR4:10833967	SSF x Far_LoA	-10,8560108	0,011	0,295
CHR4	10833969	CHR4:10833969	SSF x Far_LoA	-10,5000763	-0,020	0,311
CHR4	10833986	CHR4:10833986	SSF x Far_LoA	-9,87518033	0,007	0,311
CHR4	10833987	CHR4:10833987	SSF x Far_LoA	-8,47178856	-0,001	0,297
CHR4	10838578	CHR4:10838578	SSF x Far_LoA	-9,26118833	-0,065	0,316
CHR4	10841172	CHR4:10841172	SSF x Far_LoA	-8,79264598	-0,089	0,305
CHR4	10841266	CHR4:10841266	SSF x Far_LoA	-11,2971471	-0,018	0,321
CHR4	10841283	CHR4:10841283	SSF x Far_LoA	-5,70069517	-0,111	0,306
CHR4	10841289	CHR4:10841289	SSF x Far_LoA	-10,7834524	-0,017	0,321
CHR4	10841297	CHR4:10841297	SSF x Far_LoA	-7,47707273	-0,093	0,295
CHR4	10841327	CHR4:10841327	SSF x Far_LoA	-7,45031325	-0,129	0,302
CHR4	10850636	CHR4:10850636	SSF x Far_LoA	-10,6888954	0,009	0,318
CHR4	10867569	CHR4:10867569	SSF x Far_LoA	-10,4788544	-0,037	0,301
CHR4	10867779	CHR4:10867779	SSF x Far_LoA	-11,7753878	-0,078	0,313
CHR4	10867790	CHR4:10867790	SSF x Far_LoA	-7,62151436	-0,032	0,320
CHR4	10867827	CHR4:10867827	SSF x Far_LoA	-9,72087038	0,122	0,290
CHR4	10872362	CHR4:10872362	SSF x Far_LoA	-8,07057885	-0,026	0,312
CHR4	10872595	CHR4:10872595	SSF x Far_LoA	-9,39943622	-0,031	0,299
CHR4	10881019	CHR4:10881019	SSF x Far_LoA	-5,0496045	0,119	0,309
CHR4	10882983	CHR4:10882983	SSF x Far_LoA	-7,5990337	0,015	0,322
CHR4	10883035	CHR4:10883035	SSF x Far_LoA	-9,01502518	0,005	0,304
CHR4	10883036	CHR4:10883036	SSF x Far_LoA	-9,25477748	0,008	0,300
CHR4	10883072	CHR4:10883072	SSF x Far_LoA	-10,4457869	0,022	0,296
CHR4	10894211	CHR4:10894211	SSF x Far_LoA	-10,9061853	0,007	0,307
CHR4	10912242	CHR4:10912242	SSF x Far_LoA	-6,80337268	-0,086	0,316
CHR4	10912245	CHR4:10912245	SSF x Far_LoA	-9,07895125	0,076	0,296
CHR4	10912269	CHR4:10912269	SSF x Far_LoA	-9,43596749	0,052	0,307
CHR4	10912295	CHR4:10912295	SSF x Far_LoA	-8,68813794	0,064	0,311
CHR4	10916910	CHR4:10916910	SSF x Far_LoA	-11,5376985	-0,028	0,311
CHR4	10917007	CHR4:10917007	SSF x Far_LoA	-9,43427728	0,079	0,302
CHR4	10917049	CHR4:10917049	SSF x Far_LoA	-6,11666959	-0,080	0,316
CHR4	10917155	CHR4:10917155	SSF x Far_LoA	-9,15421296	-0,048	0,311
CHR4	10919437	CHR4:10919437	SSF x Far_LoA	-7,59831231	0,201	0,296
CHR4	10919469	CHR4:10919469	SSF x Far_LoA	-8,05510822	0,083	0,311
CHR4	10939487	CHR4:10939487	SSF x Far_LoA	-9,33843621	0,070	0,312
CHR4	10965251	CHR4:10965251	SSF x Far_LoA	-8,88497176	-0,077	0,313
CHR4	10965300	CHR4:10965300	SSF x Far_LoA	-11,6706513	0,052	0,309
CHR4	10967097	CHR4:10967097	SSF x Far_LoA	-10,5242016	-0,139	0,310
CHR4	10970751	CHR4:10970751	SSF x Far_LoA	-4,86763251	-0,092	0,304
CHR4	10970849	CHR4:10970849	SSF x Far_LoA	-9,28706406	0,055	0,323
CHR4	10970864	CHR4:10970864	SSF x Far_LoA	-8,99120988	0,092	0,302

CHR4	10977025	CHR4:10977025	SSF x Far_LoA	-8,39896187	0,009	0,314
CHR4	10977043	CHR4:10977043	SSF x Far_LoA	-9,5655497	-0,123	0,288
CHR4	10977101	CHR4:10977101	SSF x Far_LoA	-9,3568967	-0,027	0,316
CHR4	10977206	CHR4:10977206	SSF x Far_LoA	-10,9196842	-0,035	0,324
CHR4	10977298	CHR4:10977298	SSF x Far_LoA	-9,76988108	0,079	0,304
CHR4	10977341	CHR4:10977341	SSF x Far_LoA	-10,8167893	0,022	0,306
CHR4	10979163	CHR4:10979163	SSF x Far_LoA	-10,2476645	0,103	0,309
CHR4	10979222	CHR4:10979222	SSF x Far_LoA	-5,33616257	-0,102	0,304
CHR4	10979298	CHR4:10979298	SSF x Far_LoA	-10,4637925	-0,045	0,309
CHR4	10979388	CHR4:10979388	SSF x Far_LoA	-7,86977271	0,007	0,313
CHR4	10979419	CHR4:10979419	SSF x Far_LoA	-8,93080274	0,019	0,299
CHR4	10979497	CHR4:10979497	SSF x Far_LoA	-8,14543915	-0,132	0,309
CHR4	1098424	CHR4:1098424	SSF x Far_LoA	-5,88852719	0,186	0,298
CHR4	1098587	CHR4:1098587	SSF x Far_LoA	-10,0827456	-0,108	0,296
CHR4	1098705	CHR4:1098705	SSF x Far_LoA	-9,39455535	-0,022	0,316
CHR4	10990696	CHR4:10990696	SSF x Far_LoA	-8,94189188	-0,026	0,311
CHR4	10990698	CHR4:10990698	SSF x Far_LoA	-8,83851681	-0,012	0,303
CHR4	10990699	CHR4:10990699	SSF x Far_LoA	-9,88501258	0,031	0,307
CHR4	10990741	CHR4:10990741	SSF x Far_LoA	-8,60063352	0,012	0,317
CHR4	10990755	CHR4:10990755	SSF x Far_LoA	-7,76362022	0,104	0,294
CHR4	10991110	CHR4:10991110	SSF x Far_LoA	-7,13445217	0,132	0,291
CHR4	10991174	CHR4:10991174	SSF x Far_LoA	-0,4674228	-0,003	0,318
CHR4	10991179	CHR4:10991179	SSF x Far_LoA	-8,15577633	0,096	0,294
CHR4	1100679	CHR4:1100679	SSF x Far_LoA	-4,72660872	0,013	0,304
CHR4	1100711	CHR4:1100711	SSF x Far_LoA	-8,26094595	-0,062	0,312
CHR4	1100725	CHR4:1100725	SSF x Far_LoA	-9,52853057	-0,041	0,308
CHR4	11016123	CHR4:11016123	SSF x Far_LoA	-11,5463176	0,105	0,298
CHR4	11016222	CHR4:11016222	SSF x Far_LoA	-10,3985581	-0,008	0,310
CHR4	11018049	CHR4:11018049	SSF x Far_LoA	-9,5644397	-0,073	0,314
CHR4	11039677	CHR4:11039677	SSF x Far_LoA	-3,99851798	0,120	0,306
CHR4	11039720	CHR4:11039720	SSF x Far_LoA	-11,4072844	0,022	0,303
CHR4	11039794	CHR4:11039794	SSF x Far_LoA	-12,167221	0,003	0,304
CHR4	11046691	CHR4:11046691	SSF x Far_LoA	-11,859331	0,011	0,292
CHR4	11047726	CHR4:11047726	SSF x Far_LoA	-11,0185366	-0,031	0,301
CHR4	11047763	CHR4:11047763	SSF x Far_LoA	-1,76706731	-0,041	0,304
CHR4	11047770	CHR4:11047770	SSF x Far_LoA	-9,85495803	0,078	0,312
CHR4	11047791	CHR4:11047791	SSF x Far_LoA	-8,7475363	0,017	0,316
CHR4	11047880	CHR4:11047880	SSF x Far_LoA	-9,72058592	-0,025	0,310
CHR4	11047910	CHR4:11047910	SSF x Far_LoA	-9,10995734	0,006	0,315
CHR4	11069095	CHR4:11069095	SSF x Far_LoA	-10,663641	-0,094	0,300
CHR4	11069118	CHR4:11069118	SSF x Far_LoA	-8,13467044	0,100	0,303
CHR4	11069173	CHR4:11069173	SSF x Far_LoA	-8,07671119	0,074	0,318
CHR4	11069176	CHR4:11069176	SSF x Far_LoA	-9,76582678	0,002	0,295
CHR4	1107887	CHR4:1107887	SSF x Far_LoA	-8,79776366	-0,043	0,301
CHR4	1107936	CHR4:1107936	SSF x Far_LoA	-11,0681979	-0,120	0,288
CHR4	1107980	CHR4:1107980	SSF x Far_LoA	-7,21665397	-0,121	0,302
CHR4	11090367	CHR4:11090367	SSF x Far_LoA	-7,03996969	-0,065	0,309
CHR4	11090521	CHR4:11090521	SSF x Far_LoA	-8,95416742	-0,049	0,302
CHR4	11090539	CHR4:11090539	SSF x Far_LoA	-9,72689032	0,081	0,304
CHR4	11090757	CHR4:11090757	SSF x Far_LoA	-9,03377361	0,089	0,287
CHR4	11090758	CHR4:11090758	SSF x Far_LoA	-9,2105845	0,095	0,306
CHR4	11090760	CHR4:11090760	SSF x Far_LoA	-9,12070251	0,004	0,319
CHR4	11090761	CHR4:11090761	SSF x Far_LoA	-10,7725372	0,060	0,312

CHR4	11090765	CHR4:11090765	SSF x Far_LoA	-9,21781516	0,078	0,299
CHR4	11090792	CHR4:11090792	SSF x Far_LoA	-8,74562804	0,100	0,298
CHR4	11090834	CHR4:11090834	SSF x Far_LoA	-8,58528158	-0,022	0,307
CHR4	11090835	CHR4:11090835	SSF x Far_LoA	-8,8365502	0,081	0,284
CHR4	11097444	CHR4:11097444	SSF x Far_LoA	-9,63631204	0,125	0,293
CHR4	11097685	CHR4:11097685	SSF x Far_LoA	-10,0775452	-0,101	0,305
CHR4	11100564	CHR4:11100564	SSF x Far_LoA	-10,3583375	0,053	0,311
CHR4	11100566	CHR4:11100566	SSF x Far_LoA	-9,83406859	0,024	0,293
CHR4	11100642	CHR4:11100642	SSF x Far_LoA	-9,4655338	0,007	0,308
CHR4	11100647	CHR4:11100647	SSF x Far_LoA	-10,0958763	-0,017	0,311
CHR4	11100658	CHR4:11100658	SSF x Far_LoA	-10,075707	0,009	0,302
CHR4	11105019	CHR4:11105019	SSF x Far_LoA	-8,25184047	-0,099	0,292
CHR4	11105035	CHR4:11105035	SSF x Far_LoA	-10,9489118	0,092	0,291
CHR4	11105043	CHR4:11105043	SSF x Far_LoA	-10,9488934	0,057	0,301
CHR4	11110057	CHR4:11110057	SSF x Far_LoA	-10,2762462	0,096	0,311
CHR4	11110059	CHR4:11110059	SSF x Far_LoA	-10,1439954	-0,066	0,305
CHR4	11110083	CHR4:11110083	SSF x Far_LoA	-9,83016224	0,083	0,314
CHR4	11110107	CHR4:11110107	SSF x Far_LoA	-10,758609	-0,030	0,300
CHR4	11110130	CHR4:11110130	SSF x Far_LoA	-9,14038663	0,109	0,293
CHR4	11110173	CHR4:11110173	SSF x Far_LoA	-10,1422446	0,051	0,304
CHR4	11110239	CHR4:11110239	SSF x Far_LoA	-5,87705936	0,049	0,301
CHR4	1111043	CHR4:1111043	SSF x Far_LoA	-10,5688859	0,031	0,323
CHR4	11113981	CHR4:11113981	SSF x Far_LoA	-9,24425421	0,004	0,301
CHR4	11113996	CHR4:11113996	SSF x Far_LoA	-10,2133309	0,004	0,297
CHR4	11114011	CHR4:11114011	SSF x Far_LoA	-10,2798569	-0,034	0,289
CHR4	11114043	CHR4:11114043	SSF x Far_LoA	-9,53575609	-0,097	0,289
CHR4	11114102	CHR4:11114102	SSF x Far_LoA	-10,5503478	-0,001	0,294
CHR4	11114104	CHR4:11114104	SSF x Far_LoA	-5,6943461	-0,040	0,296
CHR4	11114132	CHR4:11114132	SSF x Far_LoA	-8,22651819	-0,019	0,289
CHR4	11114148	CHR4:11114148	SSF x Far_LoA	-8,7146019	0,115	0,295
CHR4	11114160	CHR4:11114160	SSF x Far_LoA	-8,79206384	-0,033	0,300
CHR4	11114176	CHR4:11114176	SSF x Far_LoA	-9,43360937	0,017	0,311
CHR4	11114182	CHR4:11114182	SSF x Far_LoA	-9,95206052	0,001	0,303
CHR4	11114201	CHR4:11114201	SSF x Far_LoA	-9,54523171	0,080	0,303
CHR4	11114213	CHR4:11114213	SSF x Far_LoA	-9,87623396	-0,098	0,293
CHR4	11114304	CHR4:11114304	SSF x Far_LoA	-8,6003818	0,003	0,301
CHR4	11121877	CHR4:11121877	SSF x Far_LoA	-7,6144288	0,186	0,294
CHR4	11122083	CHR4:11122083	SSF x Far_LoA	-9,35172588	-0,101	0,303
CHR4	11125638	CHR4:11125638	SSF x Far_LoA	-9,04161766	-0,052	0,304
CHR4	11125697	CHR4:11125697	SSF x Far_LoA	-6,45069255	-0,069	0,313
CHR4	11125704	CHR4:11125704	SSF x Far_LoA	-9,10772046	0,118	0,310
CHR4	11125808	CHR4:11125808	SSF x Far_LoA	-7,3267017	-0,136	0,311
CHR4	11130662	CHR4:11130662	SSF x Far_LoA	-8,73140533	-0,169	0,294
CHR4	11139905	CHR4:11139905	SSF x Far_LoA	-8,99345265	-0,013	0,295
CHR4	11139916	CHR4:11139916	SSF x Far_LoA	-4,84313714	-0,063	0,308
CHR4	11139931	CHR4:11139931	SSF x Far_LoA	-9,58005736	-0,057	0,313
CHR4	11139932	CHR4:11139932	SSF x Far_LoA	-8,50667169	-0,084	0,318
CHR4	11155090	CHR4:11155090	SSF x Far_LoA	-9,59145355	-0,021	0,299
CHR4	11155118	CHR4:11155118	SSF x Far_LoA	-12,01275	-0,012	0,307
CHR4	11155154	CHR4:11155154	SSF x Far_LoA	-8,02328082	-0,034	0,318
CHR4	1115519	CHR4:1115519	SSF x Far_LoA	-10,0125019	-0,151	0,304
CHR4	11155430	CHR4:11155430	SSF x Far_LoA	-11,0325023	-0,082	0,305
CHR4	1115554	CHR4:1115554	SSF x Far_LoA	0,8232884	-0,222	0,293

CHR4	1115725	CHR4:1115725	SSF x Far_LoA	-11,2553649	0,033	0,317
CHR4	11161093	CHR4:11161093	SSF x Far_LoA	-7,01021741	-0,144	0,299
CHR4	11161189	CHR4:11161189	SSF x Far_LoA	-10,3544892	-0,043	0,310
CHR4	11162337	CHR4:11162337	SSF x Far_LoA	-9,34551004	0,003	0,308
CHR4	11162443	CHR4:11162443	SSF x Far_LoA	-10,2012793	-0,037	0,321
CHR4	11173828	CHR4:11173828	SSF x Far_LoA	-10,5442677	-0,021	0,295
CHR4	11173832	CHR4:11173832	SSF x Far_LoA	-1,51659428	0,025	0,300
CHR4	11173877	CHR4:11173877	SSF x Far_LoA	-8,30138811	0,002	0,305
CHR4	11173900	CHR4:11173900	SSF x Far_LoA	-10,6296873	-0,100	0,299
CHR4	11173944	CHR4:11173944	SSF x Far_LoA	-6,37325751	0,123	0,312
CHR4	11173963	CHR4:11173963	SSF x Far_LoA	-9,5887419	0,104	0,299
CHR4	11174007	CHR4:11174007	SSF x Far_LoA	-9,51924813	0,139	0,306
CHR4	11178181	CHR4:11178181	SSF x Far_LoA	-10,8719035	0,082	0,304
CHR4	11182629	CHR4:11182629	SSF x Far_LoA	-8,29550318	-0,047	0,317
CHR4	11182758	CHR4:11182758	SSF x Far_LoA	-8,42354311	-0,029	0,319
CHR4	11189119	CHR4:11189119	SSF x Far_LoA	-8,52937697	0,065	0,298
CHR4	11189131	CHR4:11189131	SSF x Far_LoA	-4,25717398	0,076	0,308
CHR4	11189141	CHR4:11189141	SSF x Far_LoA	-7,03999293	-0,039	0,312
CHR4	11189167	CHR4:11189167	SSF x Far_LoA	-8,55116791	-0,077	0,297
CHR4	11189172	CHR4:11189172	SSF x Far_LoA	-11,2692913	0,072	0,300
CHR4	11189176	CHR4:11189176	SSF x Far_LoA	-4,79376283	0,071	0,312
CHR4	11189270	CHR4:11189270	SSF x Far_LoA	-9,94735327	-0,020	0,306
CHR4	11189315	CHR4:11189315	SSF x Far_LoA	-7,90165993	-0,013	0,311
CHR4	11193540	CHR4:11193540	SSF x Far_LoA	-10,2437098	0,053	0,301
CHR4	11193615	CHR4:11193615	SSF x Far_LoA	-8,84647189	-0,002	0,315
CHR4	11193681	CHR4:11193681	SSF x Far_LoA	-4,60553087	-0,102	0,306
CHR4	11193714	CHR4:11193714	SSF x Far_LoA	-7,64631801	-0,019	0,322
CHR4	11193754	CHR4:11193754	SSF x Far_LoA	-10,5313137	0,020	0,295
CHR4	11197621	CHR4:11197621	SSF x Far_LoA	-9,99344384	0,035	0,303
CHR4	11201068	CHR4:11201068	SSF x Far_LoA	-9,33306594	0,009	0,319
CHR4	1120288	CHR4:1120288	SSF x Far_LoA	-9,22814547	0,096	0,305
CHR4	11202973	CHR4:11202973	SSF x Far_LoA	-11,7412591	-0,029	0,312
CHR4	1120443	CHR4:1120443	SSF x Far_LoA	-9,62099575	-0,066	0,315
CHR4	1120597	CHR4:1120597	SSF x Far_LoA	-7,10196444	0,019	0,319
CHR4	11207846	CHR4:11207846	SSF x Far_LoA	-8,82494126	0,086	0,292
CHR4	11209646	CHR4:11209646	SSF x Far_LoA	-9,48651714	0,015	0,318
CHR4	11212588	CHR4:11212588	SSF x Far_LoA	-10,0050862	0,105	0,302
CHR4	11212638	CHR4:11212638	SSF x Far_LoA	-8,33607413	0,098	0,302
CHR4	11212654	CHR4:11212654	SSF x Far_LoA	-10,0937589	0,070	0,301
CHR4	11213508	CHR4:11213508	SSF x Far_LoA	-8,21609703	0,121	0,301
CHR4	11231156	CHR4:11231156	SSF x Far_LoA	-11,2313043	0,042	0,302
CHR4	11235856	CHR4:11235856	SSF x Far_LoA	-5,83051043	0,097	0,310
CHR4	11236836	CHR4:11236836	SSF x Far_LoA	-10,811422	-0,038	0,302
CHR4	11236871	CHR4:11236871	SSF x Far_LoA	-7,47394601	0,027	0,309
CHR4	11236874	CHR4:11236874	SSF x Far_LoA	-10,8318957	-0,070	0,304
CHR4	11236951	CHR4:11236951	SSF x Far_LoA	-7,87166943	0,090	0,321
CHR4	11236991	CHR4:11236991	SSF x Far_LoA	-8,52886437	0,088	0,306
CHR4	11237005	CHR4:11237005	SSF x Far_LoA	-10,5276038	-0,072	0,294
CHR4	11237034	CHR4:11237034	SSF x Far_LoA	-11,4823185	-0,030	0,295
CHR4	11237041	CHR4:11237041	SSF x Far_LoA	-11,0507342	0,002	0,311
CHR4	11237060	CHR4:11237060	SSF x Far_LoA	-7,09052187	0,165	0,297
CHR4	11237062	CHR4:11237062	SSF x Far_LoA	-10,1195299	-0,080	0,295
CHR4	11245042	CHR4:11245042	SSF x Far_LoA	-9,56138608	0,095	0,309

CHR4	11245129	CHR4:11245129	SSF x Far_LoA	-6,5110006	-0,104	0,307
CHR4	11245147	CHR4:11245147	SSF x Far_LoA	-8,42397636	-0,083	0,314
CHR4	11245169	CHR4:11245169	SSF x Far_LoA	-10,554268	0,012	0,297
CHR4	11245244	CHR4:11245244	SSF x Far_LoA	-9,47255311	0,035	0,295
CHR4	11245248	CHR4:11245248	SSF x Far_LoA	-8,15144204	-0,031	0,308
CHR4	11245270	CHR4:11245270	SSF x Far_LoA	-10,9833909	0,012	0,289
CHR4	11245284	CHR4:11245284	SSF x Far_LoA	-10,2700019	0,042	0,310
CHR4	11259252	CHR4:11259252	SSF x Far_LoA	-9,75700515	-0,027	0,323
CHR4	11259313	CHR4:11259313	SSF x Far_LoA	-11,2283591	-0,012	0,319
CHR4	11259382	CHR4:11259382	SSF x Far_LoA	-9,45841375	0,022	0,306
CHR4	11259484	CHR4:11259484	SSF x Far_LoA	-11,9078506	-0,008	0,310
CHR4	11259501	CHR4:11259501	SSF x Far_LoA	-8,17919602	-0,063	0,315
CHR4	11259581	CHR4:11259581	SSF x Far_LoA	-8,2966305	0,040	0,314
CHR4	11262133	CHR4:11262133	SSF x Far_LoA	0,26972626	-0,045	0,317
CHR4	11268937	CHR4:11268937	SSF x Far_LoA	-8,16232889	0,188	0,290
CHR4	11268964	CHR4:11268964	SSF x Far_LoA	-10,2297656	0,180	0,294
CHR4	11293038	CHR4:11293038	SSF x Far_LoA	-10,4906077	-0,017	0,297
CHR4	11293291	CHR4:11293291	SSF x Far_LoA	-10,4392652	0,060	0,311
CHR4	11295854	CHR4:11295854	SSF x Far_LoA	-8,44512525	0,015	0,309
CHR4	11295894	CHR4:11295894	SSF x Far_LoA	-8,25491099	-0,036	0,316
CHR4	11295908	CHR4:11295908	SSF x Far_LoA	-9,2978737	-0,120	0,302
CHR4	11295980	CHR4:11295980	SSF x Far_LoA	-8,48260769	-0,147	0,305
CHR4	11302067	CHR4:11302067	SSF x Far_LoA	-9,41415736	-0,038	0,300
CHR4	11302109	CHR4:11302109	SSF x Far_LoA	-11,5225455	0,045	0,318
CHR4	11318750	CHR4:11318750	SSF x Far_LoA	-10,1134129	-0,077	0,308
CHR4	11324022	CHR4:11324022	SSF x Far_LoA	-8,48019329	-0,073	0,308
CHR4	11324055	CHR4:11324055	SSF x Far_LoA	-5,65927571	0,081	0,311
CHR4	11324089	CHR4:11324089	SSF x Far_LoA	-11,4138037	-0,022	0,304
CHR4	11324099	CHR4:11324099	SSF x Far_LoA	-8,80214746	0,053	0,310
CHR4	11324135	CHR4:11324135	SSF x Far_LoA	-11,3517284	-0,040	0,306
CHR4	11324140	CHR4:11324140	SSF x Far_LoA	-11,8991758	-0,055	0,301
CHR4	1133061	CHR4:1133061	SSF x Far_LoA	-11,5864596	0,068	0,313
CHR4	11340521	CHR4:11340521	SSF x Far_LoA	-9,81226602	-0,025	0,310
CHR4	11340573	CHR4:11340573	SSF x Far_LoA	-11,36031	-0,014	0,307
CHR4	11340618	CHR4:11340618	SSF x Far_LoA	-11,2577435	-0,119	0,305
CHR4	11341103	CHR4:11341103	SSF x Far_LoA	-9,49275421	-0,044	0,316
CHR4	11360772	CHR4:11360772	SSF x Far_LoA	-11,9470294	-0,018	0,304
CHR4	11360778	CHR4:11360778	SSF x Far_LoA	-8,74474624	0,014	0,295
CHR4	11360788	CHR4:11360788	SSF x Far_LoA	-9,69595523	-0,010	0,308
CHR4	11360793	CHR4:11360793	SSF x Far_LoA	-8,86326251	-0,036	0,311
CHR4	11360803	CHR4:11360803	SSF x Far_LoA	-12,4081907	0,022	0,299
CHR4	11360823	CHR4:11360823	SSF x Far_LoA	-12,4382287	-0,009	0,307
CHR4	11374932	CHR4:11374932	SSF x Far_LoA	-7,28630101	0,130	0,310
CHR4	11374933	CHR4:11374933	SSF x Far_LoA	-8,85126143	0,088	0,300
CHR4	11374971	CHR4:11374971	SSF x Far_LoA	-8,33403538	0,096	0,295
CHR4	11375014	CHR4:11375014	SSF x Far_LoA	-7,31594865	0,089	0,317
CHR4	11376139	CHR4:11376139	SSF x Far_LoA	-9,55522768	-0,060	0,312
CHR4	11376226	CHR4:11376226	SSF x Far_LoA	-6,3910571	0,104	0,311
CHR4	11394751	CHR4:11394751	SSF x Far_LoA	-8,6300898	0,033	0,300
CHR4	11394802	CHR4:11394802	SSF x Far_LoA	-10,5487963	0,051	0,298
CHR4	11397608	CHR4:11397608	SSF x Far_LoA	-8,43262167	0,065	0,319
CHR4	11397664	CHR4:11397664	SSF x Far_LoA	-4,49387778	0,061	0,310
CHR4	11397666	CHR4:11397666	SSF x Far_LoA	-9,68439927	0,039	0,305

CHR4	11397676	CHR4:11397676	SSF x Far_LoA	-10,0929725	0,026	0,298
CHR4	11407636	CHR4:11407636	SSF x Far_LoA	-8,42095209	-0,025	0,313
CHR4	11407637	CHR4:11407637	SSF x Far_LoA	-7,91260833	0,038	0,310
CHR4	11407703	CHR4:11407703	SSF x Far_LoA	-9,91297196	0,009	0,298
CHR4	11407751	CHR4:11407751	SSF x Far_LoA	-11,1454049	0,047	0,307
CHR4	11410613	CHR4:11410613	SSF x Far_LoA	-8,13297597	-0,074	0,311
CHR4	11410633	CHR4:11410633	SSF x Far_LoA	-7,88512944	-0,105	0,308
CHR4	11410660	CHR4:11410660	SSF x Far_LoA	-10,2360054	-0,095	0,309
CHR4	11410663	CHR4:11410663	SSF x Far_LoA	-4,79786139	-0,013	0,318
CHR4	11410671	CHR4:11410671	SSF x Far_LoA	-9,54204847	0,036	0,303
CHR4	11414498	CHR4:11414498	SSF x Far_LoA	-10,2858207	-0,016	0,321
CHR4	11426863	CHR4:11426863	SSF x Far_LoA	-9,30863393	0,006	0,300
CHR4	11426914	CHR4:11426914	SSF x Far_LoA	-10,8021426	-0,013	0,301
CHR4	11430731	CHR4:11430731	SSF x Far_LoA	-9,50432461	-0,037	0,295
CHR4	11437653	CHR4:11437653	SSF x Far_LoA	-9,38225016	-0,086	0,300
CHR4	11437665	CHR4:11437665	SSF x Far_LoA	-10,3626083	-0,030	0,303
CHR4	11437667	CHR4:11437667	SSF x Far_LoA	-11,2461715	-0,023	0,308
CHR4	11444213	CHR4:11444213	SSF x Far_LoA	-7,59878264	0,220	0,285
CHR4	11444232	CHR4:11444232	SSF x Far_LoA	-7,33763026	-0,155	0,294
CHR4	11444242	CHR4:11444242	SSF x Far_LoA	-7,10343223	-0,152	0,306
CHR4	11444263	CHR4:11444263	SSF x Far_LoA	-8,89423306	0,126	0,309
CHR4	11453430	CHR4:11453430	SSF x Far_LoA	-10,4495342	0,040	0,304
CHR4	11453468	CHR4:11453468	SSF x Far_LoA	-9,47039137	0,026	0,318
CHR4	11456707	CHR4:11456707	SSF x Far_LoA	-8,95801655	-0,051	0,319
CHR4	11456790	CHR4:11456790	SSF x Far_LoA	-7,07384251	0,210	0,288
CHR4	11456800	CHR4:11456800	SSF x Far_LoA	-3,50145132	0,206	0,306
CHR4	11456872	CHR4:11456872	SSF x Far_LoA	-7,74293708	-0,136	0,310
CHR4	11467847	CHR4:11467847	SSF x Far_LoA	-7,83585552	0,143	0,304
CHR4	11467849	CHR4:11467849	SSF x Far_LoA	-12,0802477	0,011	0,292
CHR4	11467968	CHR4:11467968	SSF x Far_LoA	-9,9196853	-0,131	0,313
CHR4	11472833	CHR4:11472833	SSF x Far_LoA	-9,66009006	-0,056	0,302
CHR4	11472881	CHR4:11472881	SSF x Far_LoA	-7,63969442	-0,147	0,293
CHR4	11482940	CHR4:11482940	SSF x Far_LoA	-9,85459529	-0,034	0,294
CHR4	11482979	CHR4:11482979	SSF x Far_LoA	-8,62863652	-0,096	0,309
CHR4	11482996	CHR4:11482996	SSF x Far_LoA	-8,8733176	0,029	0,305
CHR4	11483106	CHR4:11483106	SSF x Far_LoA	-11,4534095	-0,031	0,293
CHR4	11490799	CHR4:11490799	SSF x Far_LoA	-5,449414	0,073	0,297
CHR4	11490818	CHR4:11490818	SSF x Far_LoA	-11,5015724	0,049	0,295
CHR4	11490819	CHR4:11490819	SSF x Far_LoA	-11,7483079	0,058	0,292
CHR4	11490852	CHR4:11490852	SSF x Far_LoA	-10,4681804	0,037	0,300
CHR4	11491007	CHR4:11491007	SSF x Far_LoA	-10,113121	0,004	0,307
CHR4	11491031	CHR4:11491031	SSF x Far_LoA	-9,09242027	0,084	0,298
CHR4	11491040	CHR4:11491040	SSF x Far_LoA	-5,6105584	-0,070	0,311
CHR4	11492693	CHR4:11492693	SSF x Far_LoA	-8,01463969	-0,110	0,310
CHR4	11494062	CHR4:11494062	SSF x Far_LoA	-6,34273945	-0,019	0,316
CHR4	11494098	CHR4:11494098	SSF x Far_LoA	-8,78212516	0,003	0,308
CHR4	11494100	CHR4:11494100	SSF x Far_LoA	-9,26661858	0,016	0,317
CHR4	11494150	CHR4:11494150	SSF x Far_LoA	-8,17418527	-0,086	0,295
CHR4	11507486	CHR4:11507486	SSF x Far_LoA	-11,6894671	0,052	0,308
CHR4	11507501	CHR4:11507501	SSF x Far_LoA	-9,66766266	0,016	0,304
CHR4	11511836	CHR4:11511836	SSF x Far_LoA	-8,08694786	0,092	0,305
CHR4	11512025	CHR4:11512025	SSF x Far_LoA	-7,53288755	-0,037	0,304
CHR4	11512206	CHR4:11512206	SSF x Far_LoA	-10,4394243	0,043	0,321

CHR4	11512226	CHR4:11512226	SSF x Far_LoA	-7,61955188	0,004	0,324
CHR4	11512228	CHR4:11512228	SSF x Far_LoA	-8,84962477	0,006	0,306
CHR4	11518805	CHR4:11518805	SSF x Far_LoA	-6,2233055	0,003	0,315
CHR4	1152483	CHR4:1152483	SSF x Far_LoA	-8,00010557	-0,080	0,317
CHR4	11525078	CHR4:11525078	SSF x Far_LoA	-10,2464395	0,040	0,304
CHR4	11525168	CHR4:11525168	SSF x Far_LoA	-9,53899684	-0,052	0,309
CHR4	11525203	CHR4:11525203	SSF x Far_LoA	-7,53769095	0,084	0,306
CHR4	1152536	CHR4:1152536	SSF x Far_LoA	-12,0163502	-0,011	0,303
CHR4	1152648	CHR4:1152648	SSF x Far_LoA	-10,1926059	-0,003	0,307
CHR4	1152671	CHR4:1152671	SSF x Far_LoA	-11,2327416	-0,006	0,319
CHR4	1152672	CHR4:1152672	SSF x Far_LoA	-11,339433	-0,020	0,317
CHR4	1152673	CHR4:1152673	SSF x Far_LoA	-9,64424464	-0,074	0,306
CHR4	1152748	CHR4:1152748	SSF x Far_LoA	-7,699971	0,238	0,295
CHR4	11555892	CHR4:11555892	SSF x Far_LoA	-9,96716559	-0,054	0,317
CHR4	11557766	CHR4:11557766	SSF x Far_LoA	-7,76966448	0,070	0,310
CHR4	11557898	CHR4:11557898	SSF x Far_LoA	-9,20963546	0,042	0,308
CHR4	11557910	CHR4:11557910	SSF x Far_LoA	-10,976515	0,036	0,313
CHR4	11557918	CHR4:11557918	SSF x Far_LoA	-10,0583341	0,143	0,302
CHR4	11557937	CHR4:11557937	SSF x Far_LoA	-10,7970045	-0,012	0,297
CHR4	11567501	CHR4:11567501	SSF x Far_LoA	-8,53884721	0,106	0,293
CHR4	11571780	CHR4:11571780	SSF x Far_LoA	-6,77228418	-0,197	0,306
CHR4	11571831	CHR4:11571831	SSF x Far_LoA	-11,7648608	-0,029	0,309
CHR4	11573826	CHR4:11573826	SSF x Far_LoA	-10,1462738	-0,111	0,312
CHR4	11573877	CHR4:11573877	SSF x Far_LoA	-8,28046178	-0,060	0,309
CHR4	11573894	CHR4:11573894	SSF x Far_LoA	-10,913386	0,046	0,307
CHR4	11575847	CHR4:11575847	SSF x Far_LoA	-9,02328819	0,096	0,319
CHR4	11575948	CHR4:11575948	SSF x Far_LoA	-9,94188419	0,066	0,309
CHR4	11584395	CHR4:11584395	SSF x Far_LoA	-10,2872003	-0,038	0,307
CHR4	11584406	CHR4:11584406	SSF x Far_LoA	-7,26538341	0,133	0,301
CHR4	11587878	CHR4:11587878	SSF x Far_LoA	-7,28635515	-0,064	0,307
CHR4	11590099	CHR4:11590099	SSF x Far_LoA	-11,2896549	0,070	0,304
CHR4	11590123	CHR4:11590123	SSF x Far_LoA	-11,9784053	0,084	0,300
CHR4	11590179	CHR4:11590179	SSF x Far_LoA	-12,144632	0,001	0,297
CHR4	11601738	CHR4:11601738	SSF x Far_LoA	-9,65350204	-0,011	0,302
CHR4	11609512	CHR4:11609512	SSF x Far_LoA	-8,48507874	0,052	0,305
CHR4	11609523	CHR4:11609523	SSF x Far_LoA	-8,61218005	-0,056	0,309
CHR4	11609539	CHR4:11609539	SSF x Far_LoA	-6,85561576	0,098	0,314
CHR4	11613525	CHR4:11613525	SSF x Far_LoA	-10,0232959	0,002	0,308
CHR4	11613574	CHR4:11613574	SSF x Far_LoA	-9,30482035	0,016	0,307
CHR4	11617396	CHR4:11617396	SSF x Far_LoA	-11,126693	-0,074	0,302
CHR4	11617439	CHR4:11617439	SSF x Far_LoA	-10,7091841	0,090	0,294
CHR4	11637141	CHR4:11637141	SSF x Far_LoA	-8,133376	0,065	0,308
CHR4	11642426	CHR4:11642426	SSF x Far_LoA	-9,1820538	-0,085	0,298
CHR4	11642440	CHR4:11642440	SSF x Far_LoA	-6,9412855	-0,081	0,290
CHR4	11642531	CHR4:11642531	SSF x Far_LoA	-9,20116445	0,045	0,313
CHR4	11644258	CHR4:11644258	SSF x Far_LoA	-8,37454932	0,133	0,308
CHR4	11644340	CHR4:11644340	SSF x Far_LoA	-10,2793163	0,053	0,310
CHR4	11644408	CHR4:11644408	SSF x Far_LoA	-9,83868761	0,029	0,304
CHR4	11644430	CHR4:11644430	SSF x Far_LoA	-8,1117298	-0,075	0,309
CHR4	11646401	CHR4:11646401	SSF x Far_LoA	-10,3209386	-0,012	0,322
CHR4	11646415	CHR4:11646415	SSF x Far_LoA	-8,02618462	0,036	0,305
CHR4	11646439	CHR4:11646439	SSF x Far_LoA	-6,47671593	-0,002	0,309
CHR4	1165970	CHR4:1165970	SSF x Far_LoA	-9,2780572	0,050	0,296

CHR4	11661815	CHR4:11661815	SSF x Far_LoA	-7,31955528	-0,040	0,306
CHR4	11663754	CHR4:11663754	SSF x Far_LoA	-10,5388579	0,046	0,300
CHR4	11671355	CHR4:11671355	SSF x Far_LoA	-10,8534173	-0,032	0,301
CHR4	11671407	CHR4:11671407	SSF x Far_LoA	-9,97983471	-0,102	0,306
CHR4	1167479	CHR4:1167479	SSF x Far_LoA	-9,74588436	-0,126	0,318
CHR4	11677267	CHR4:11677267	SSF x Far_LoA	-7,87393176	-0,088	0,304
CHR4	11677411	CHR4:11677411	SSF x Far_LoA	-8,62379081	-0,026	0,306
CHR4	11682971	CHR4:11682971	SSF x Far_LoA	-6,28033418	-0,130	0,318
CHR4	11686240	CHR4:11686240	SSF x Far_LoA	-7,28950991	-0,098	0,312
CHR4	11686268	CHR4:11686268	SSF x Far_LoA	-11,719791	0,022	0,299
CHR4	11686276	CHR4:11686276	SSF x Far_LoA	-9,07066083	-0,117	0,305
CHR4	11686289	CHR4:11686289	SSF x Far_LoA	-7,93667064	-0,127	0,307
CHR4	11686345	CHR4:11686345	SSF x Far_LoA	-7,3397752	-0,108	0,307
CHR4	11694917	CHR4:11694917	SSF x Far_LoA	-7,81605944	0,085	0,308
CHR4	11696525	CHR4:11696525	SSF x Far_LoA	-10,4105715	-0,029	0,301
CHR4	11704618	CHR4:11704618	SSF x Far_LoA	-8,86136997	0,037	0,300
CHR4	1172405	CHR4:1172405	SSF x Far_LoA	-10,4608342	-0,067	0,294
CHR4	1172428	CHR4:1172428	SSF x Far_LoA	-9,60103474	-0,113	0,306
CHR4	11745883	CHR4:11745883	SSF x Far_LoA	-9,34403381	-0,089	0,306
CHR4	11745953	CHR4:11745953	SSF x Far_LoA	-8,86281041	0,030	0,313
CHR4	11745985	CHR4:11745985	SSF x Far_LoA	-9,87650763	0,004	0,303
CHR4	11745995	CHR4:11745995	SSF x Far_LoA	-10,4500939	0,019	0,302
CHR4	11746030	CHR4:11746030	SSF x Far_LoA	-9,49974171	0,087	0,304
CHR4	11753050	CHR4:11753050	SSF x Far_LoA	-8,34908081	-0,020	0,308
CHR4	11766914	CHR4:11766914	SSF x Far_LoA	-5,80369952	0,169	0,299
CHR4	11770196	CHR4:11770196	SSF x Far_LoA	-6,37074359	0,136	0,297
CHR4	11770308	CHR4:11770308	SSF x Far_LoA	-11,0202281	-0,011	0,303
CHR4	11770322	CHR4:11770322	SSF x Far_LoA	-10,157938	-0,024	0,303
CHR4	11770389	CHR4:11770389	SSF x Far_LoA	-10,6203872	0,050	0,307
CHR4	11770466	CHR4:11770466	SSF x Far_LoA	-6,79124175	0,023	0,311
CHR4	11783663	CHR4:11783663	SSF x Far_LoA	-7,09308268	-0,008	0,314
CHR4	11794405	CHR4:11794405	SSF x Far_LoA	-10,0930334	-0,023	0,310
CHR4	11837283	CHR4:11837283	SSF x Far_LoA	-10,7447456	-0,117	0,292
CHR4	11840068	CHR4:11840068	SSF x Far_LoA	-7,76081422	0,087	0,307
CHR4	11846224	CHR4:11846224	SSF x Far_LoA	-11,2722919	0,094	0,302
CHR4	11846295	CHR4:11846295	SSF x Far_LoA	-8,62438603	-0,073	0,301
CHR4	11846296	CHR4:11846296	SSF x Far_LoA	-9,07116961	-0,001	0,305
CHR4	11846372	CHR4:11846372	SSF x Far_LoA	-9,46477093	0,027	0,304
CHR4	11846378	CHR4:11846378	SSF x Far_LoA	-6,96891776	0,109	0,307
CHR4	11846425	CHR4:11846425	SSF x Far_LoA	-8,97849449	0,058	0,299
CHR4	11865868	CHR4:11865868	SSF x Far_LoA	-9,25864684	0,135	0,298
CHR4	11865965	CHR4:11865965	SSF x Far_LoA	-11,2432231	-0,042	0,316
CHR4	11866094	CHR4:11866094	SSF x Far_LoA	-9,61079202	-0,014	0,299
CHR4	11880147	CHR4:11880147	SSF x Far_LoA	-10,0947569	-0,072	0,306
CHR4	11888959	CHR4:11888959	SSF x Far_LoA	-1,83418401	0,132	0,308
CHR4	11895854	CHR4:11895854	SSF x Far_LoA	-10,0160221	0,097	0,282
CHR4	11897108	CHR4:11897108	SSF x Far_LoA	-11,7666609	0,046	0,315
CHR4	1189738	CHR4:1189738	SSF x Far_LoA	-11,369285	-0,051	0,309
CHR4	1189739	CHR4:1189739	SSF x Far_LoA	-11,7647857	-0,078	0,310
CHR4	1189765	CHR4:1189765	SSF x Far_LoA	-10,9249423	-0,043	0,297
CHR4	1189815	CHR4:1189815	SSF x Far_LoA	-9,74920494	-0,020	0,310
CHR4	11901209	CHR4:11901209	SSF x Far_LoA	-9,11664037	0,080	0,304
CHR4	11905412	CHR4:11905412	SSF x Far_LoA	-7,36468596	0,069	0,300

CHR4	11908437	CHR4:11908437	SSF x Far_LoA	-8,80451211	0,066	0,306
CHR4	11908479	CHR4:11908479	SSF x Far_LoA	-8,78734182	0,123	0,287
CHR4	11908484	CHR4:11908484	SSF x Far_LoA	-5,50675918	0,086	0,299
CHR4	11908528	CHR4:11908528	SSF x Far_LoA	-10,3237664	-0,024	0,316
CHR4	11912420	CHR4:11912420	SSF x Far_LoA	-8,73303456	-0,038	0,310
CHR4	11916144	CHR4:11916144	SSF x Far_LoA	-8,75065164	-0,035	0,299
CHR4	11919385	CHR4:11919385	SSF x Far_LoA	-5,781031	0,173	0,300
CHR4	11919523	CHR4:11919523	SSF x Far_LoA	-9,88845274	-0,073	0,298
CHR4	11920606	CHR4:11920606	SSF x Far_LoA	-10,0669564	-0,003	0,303
CHR4	11920692	CHR4:11920692	SSF x Far_LoA	-10,8868136	0,032	0,295
CHR4	11920726	CHR4:11920726	SSF x Far_LoA	-8,3033722	-0,116	0,305
CHR4	11925021	CHR4:11925021	SSF x Far_LoA	-9,20722819	0,037	0,317
CHR4	11925036	CHR4:11925036	SSF x Far_LoA	-7,08885605	0,103	0,307
CHR4	11925039	CHR4:11925039	SSF x Far_LoA	-11,9089157	-0,003	0,292
CHR4	11925043	CHR4:11925043	SSF x Far_LoA	-9,23847102	0,001	0,310
CHR4	1193637	CHR4:1193637	SSF x Far_LoA	-9,2396614	-0,064	0,305
CHR4	1193639	CHR4:1193639	SSF x Far_LoA	-8,97059526	-0,013	0,301
CHR4	1193663	CHR4:1193663	SSF x Far_LoA	-12,7650102	0,041	0,303
CHR4	1193722	CHR4:1193722	SSF x Far_LoA	-7,02237698	-0,037	0,311
CHR4	1193821	CHR4:1193821	SSF x Far_LoA	-11,7255929	0,052	0,314
CHR4	1193824	CHR4:1193824	SSF x Far_LoA	-7,20200801	-0,051	0,324
CHR4	1193834	CHR4:1193834	SSF x Far_LoA	-10,6376855	-0,069	0,290
CHR4	11949347	CHR4:11949347	SSF x Far_LoA	-6,83533754	-0,153	0,305
CHR4	11951160	CHR4:11951160	SSF x Far_LoA	-8,56872664	0,125	0,305
CHR4	11955931	CHR4:11955931	SSF x Far_LoA	-9,32415195	0,021	0,300
CHR4	11955932	CHR4:11955932	SSF x Far_LoA	-9,21090404	0,000	0,308
CHR4	11956047	CHR4:11956047	SSF x Far_LoA	-8,87166288	-0,033	0,295
CHR4	11956048	CHR4:11956048	SSF x Far_LoA	-6,9602747	-0,044	0,297
CHR4	11956115	CHR4:11956115	SSF x Far_LoA	-8,5993852	0,013	0,307
CHR4	11958398	CHR4:11958398	SSF x Far_LoA	-10,5044303	-0,075	0,307
CHR4	1196758	CHR4:1196758	SSF x Far_LoA	-8,75904804	0,000	0,317
CHR4	11970783	CHR4:11970783	SSF x Far_LoA	-8,94463857	-0,144	0,309
CHR4	11970945	CHR4:11970945	SSF x Far_LoA	-7,35551694	-0,164	0,298
CHR4	11977155	CHR4:11977155	SSF x Far_LoA	-9,26271352	0,053	0,306
CHR4	11977208	CHR4:11977208	SSF x Far_LoA	-6,31963253	0,223	0,280
CHR4	11977210	CHR4:11977210	SSF x Far_LoA	-9,03504368	0,062	0,315
CHR4	11977211	CHR4:11977211	SSF x Far_LoA	-9,77916999	0,128	0,309
CHR4	11988217	CHR4:11988217	SSF x Far_LoA	-9,55060641	0,073	0,305
CHR4	11988220	CHR4:11988220	SSF x Far_LoA	-6,1725476	-0,171	0,303
CHR4	11988265	CHR4:11988265	SSF x Far_LoA	-4,9660112	0,232	0,278
CHR4	11988274	CHR4:11988274	SSF x Far_LoA	-11,9390812	0,037	0,302
CHR4	11988290	CHR4:11988290	SSF x Far_LoA	-11,6995165	-0,023	0,306
CHR4	11988297	CHR4:11988297	SSF x Far_LoA	-4,67457212	-0,175	0,304
CHR4	11988298	CHR4:11988298	SSF x Far_LoA	-11,6375544	-0,040	0,304
CHR4	11988310	CHR4:11988310	SSF x Far_LoA	-8,39735567	0,061	0,314
CHR4	11988497	CHR4:11988497	SSF x Far_LoA	-9,09150885	-0,037	0,307
CHR4	12012711	CHR4:12012711	SSF x Far_LoA	-9,57893048	0,077	0,310
CHR4	12012909	CHR4:12012909	SSF x Far_LoA	-9,99214406	-0,043	0,301
CHR4	12012916	CHR4:12012916	SSF x Far_LoA	-7,58122947	-0,078	0,304
CHR4	12012936	CHR4:12012936	SSF x Far_LoA	-10,9771585	-0,035	0,304
CHR4	12014377	CHR4:12014377	SSF x Far_LoA	-7,00446667	0,044	0,308
CHR4	12015791	CHR4:12015791	SSF x Far_LoA	-9,18140987	0,064	0,303
CHR4	12015814	CHR4:12015814	SSF x Far_LoA	-10,3552123	0,043	0,314

CHR4	12015830	CHR4:12015830	SSF x Far_LoA	-7,76656037	-0,080	0,300
CHR4	12015856	CHR4:12015856	SSF x Far_LoA	-8,42448216	0,132	0,299
CHR4	12016923	CHR4:12016923	SSF x Far_LoA	-7,46475079	-0,022	0,306
CHR4	12016946	CHR4:12016946	SSF x Far_LoA	-9,49257925	-0,141	0,306
CHR4	12016967	CHR4:12016967	SSF x Far_LoA	-10,8780393	0,046	0,296
CHR4	12017019	CHR4:12017019	SSF x Far_LoA	-10,5595092	0,068	0,302
CHR4	12017033	CHR4:12017033	SSF x Far_LoA	-4,83526077	0,062	0,314
CHR4	12019064	CHR4:12019064	SSF x Far_LoA	-7,66827969	-0,125	0,302
CHR4	12019102	CHR4:12019102	SSF x Far_LoA	-10,5738124	0,027	0,310
CHR4	12019107	CHR4:12019107	SSF x Far_LoA	-8,37033865	0,140	0,311
CHR4	12026583	CHR4:12026583	SSF x Far_LoA	-10,0958857	0,005	0,301
CHR4	12026588	CHR4:12026588	SSF x Far_LoA	-11,1252315	0,045	0,310
CHR4	12026589	CHR4:12026589	SSF x Far_LoA	-8,93367387	0,083	0,297
CHR4	12026681	CHR4:12026681	SSF x Far_LoA	-9,77777159	-0,001	0,312
CHR4	12026803	CHR4:12026803	SSF x Far_LoA	-3,39125714	0,036	0,300
CHR4	12026810	CHR4:12026810	SSF x Far_LoA	-9,58479294	0,062	0,300
CHR4	12030597	CHR4:12030597	SSF x Far_LoA	-8,04410562	0,070	0,290
CHR4	12030621	CHR4:12030621	SSF x Far_LoA	-9,37217665	0,083	0,292
CHR4	12030682	CHR4:12030682	SSF x Far_LoA	-7,05368885	0,067	0,297
CHR4	1203552	CHR4:1203552	SSF x Far_LoA	-8,43876137	0,011	0,316
CHR4	1203654	CHR4:1203654	SSF x Far_LoA	-10,0630695	0,090	0,307
CHR4	12037554	CHR4:12037554	SSF x Far_LoA	-8,45757272	-0,106	0,306
CHR4	12037555	CHR4:12037555	SSF x Far_LoA	-7,05456077	-0,006	0,318
CHR4	12037565	CHR4:12037565	SSF x Far_LoA	-7,96012539	0,166	0,305
CHR4	12037572	CHR4:12037572	SSF x Far_LoA	-7,7097469	0,169	0,308
CHR4	12037607	CHR4:12037607	SSF x Far_LoA	-8,27715212	0,035	0,313
CHR4	12037623	CHR4:12037623	SSF x Far_LoA	-7,92395476	0,055	0,314
CHR4	1203764	CHR4:1203764	SSF x Far_LoA	-2,2862532	-0,161	0,308
CHR4	12040995	CHR4:12040995	SSF x Far_LoA	-9,31216966	-0,036	0,313
CHR4	12041154	CHR4:12041154	SSF x Far_LoA	-6,13119105	0,211	0,284
CHR4	12041161	CHR4:12041161	SSF x Far_LoA	-6,88175149	0,220	0,283
CHR4	12045877	CHR4:12045877	SSF x Far_LoA	-7,87293979	-0,020	0,310
CHR4	12045886	CHR4:12045886	SSF x Far_LoA	-9,89324955	-0,072	0,311
CHR4	12045953	CHR4:12045953	SSF x Far_LoA	-8,31696356	0,079	0,298
CHR4	12046055	CHR4:12046055	SSF x Far_LoA	-7,10324896	-0,141	0,292
CHR4	12046089	CHR4:12046089	SSF x Far_LoA	-9,05507329	0,009	0,312
CHR4	12070507	CHR4:12070507	SSF x Far_LoA	-8,73592733	-0,021	0,322
CHR4	12075201	CHR4:12075201	SSF x Far_LoA	-9,7519225	0,007	0,298
CHR4	12075247	CHR4:12075247	SSF x Far_LoA	-11,2679732	0,050	0,313
CHR4	12075431	CHR4:12075431	SSF x Far_LoA	-9,19913673	-0,053	0,297
CHR4	12079624	CHR4:12079624	SSF x Far_LoA	-6,8888102	-0,135	0,301
CHR4	12079677	CHR4:12079677	SSF x Far_LoA	-9,01976759	-0,116	0,302
CHR4	12079804	CHR4:12079804	SSF x Far_LoA	-10,6887455	0,020	0,310
CHR4	12079853	CHR4:12079853	SSF x Far_LoA	-11,1881939	0,019	0,306
CHR4	12090662	CHR4:12090662	SSF x Far_LoA	-8,7356715	-0,007	0,310
CHR4	12090663	CHR4:12090663	SSF x Far_LoA	-10,7229358	0,013	0,313
CHR4	12096634	CHR4:12096634	SSF x Far_LoA	-10,2684832	0,019	0,302
CHR4	12107056	CHR4:12107056	SSF x Far_LoA	-9,20889877	0,067	0,294
CHR4	12107753	CHR4:12107753	SSF x Far_LoA	-10,1322125	0,066	0,322
CHR4	12116598	CHR4:12116598	SSF x Far_LoA	-8,60532904	0,125	0,296
CHR4	12130819	CHR4:12130819	SSF x Far_LoA	-11,4670923	0,043	0,301
CHR4	12130820	CHR4:12130820	SSF x Far_LoA	-11,0735583	-0,029	0,298
CHR4	12130894	CHR4:12130894	SSF x Far_LoA	-9,92891689	0,035	0,308

CHR4	12131039	CHR4:12131039	SSF x Far_LoA	-11,0224519	-0,041	0,304
CHR4	12139393	CHR4:12139393	SSF x Far_LoA	-8,04012526	0,124	0,314
CHR4	12140386	CHR4:12140386	SSF x Far_LoA	-9,39376685	-0,066	0,308
CHR4	12140389	CHR4:12140389	SSF x Far_LoA	-8,26567144	-0,039	0,305
CHR4	12140437	CHR4:12140437	SSF x Far_LoA	-8,0175618	-0,090	0,306
CHR4	12142858	CHR4:12142858	SSF x Far_LoA	-9,52454166	-0,035	0,314
CHR4	12142873	CHR4:12142873	SSF x Far_LoA	-11,1728305	0,005	0,302
CHR4	12142878	CHR4:12142878	SSF x Far_LoA	-10,4291898	-0,014	0,307
CHR4	12151375	CHR4:12151375	SSF x Far_LoA	-8,76602191	-0,154	0,312
CHR4	12161649	CHR4:12161649	SSF x Far_LoA	-9,49639566	-0,039	0,315
CHR4	12161661	CHR4:12161661	SSF x Far_LoA	-9,85104757	-0,037	0,311
CHR4	12174294	CHR4:12174294	SSF x Far_LoA	-10,1669345	0,040	0,315
CHR4	12174323	CHR4:12174323	SSF x Far_LoA	-11,2502975	-0,079	0,304
CHR4	12174433	CHR4:12174433	SSF x Far_LoA	-11,6220439	-0,054	0,298
CHR4	12181036	CHR4:12181036	SSF x Far_LoA	-8,53813639	-0,048	0,300
CHR4	12181044	CHR4:12181044	SSF x Far_LoA	-7,13956117	-0,048	0,297
CHR4	12181056	CHR4:12181056	SSF x Far_LoA	-6,82387979	0,220	0,294
CHR4	12181064	CHR4:12181064	SSF x Far_LoA	-8,8602165	-0,046	0,298
CHR4	12181149	CHR4:12181149	SSF x Far_LoA	-8,80372563	0,108	0,315
CHR4	12181173	CHR4:12181173	SSF x Far_LoA	-8,57844338	-0,166	0,306
CHR4	12181281	CHR4:12181281	SSF x Far_LoA	-7,95721162	-0,049	0,309
CHR4	12181292	CHR4:12181292	SSF x Far_LoA	-10,5513378	-0,078	0,312
CHR4	12185727	CHR4:12185727	SSF x Far_LoA	-4,38751421	-0,217	0,303
CHR4	12185832	CHR4:12185832	SSF x Far_LoA	-6,59721077	-0,200	0,294
CHR4	12191883	CHR4:12191883	SSF x Far_LoA	-8,98610274	0,012	0,311
CHR4	12195855	CHR4:12195855	SSF x Far_LoA	-11,493463	0,002	0,305
CHR4	12195923	CHR4:12195923	SSF x Far_LoA	-11,3111609	0,005	0,295
CHR4	12195928	CHR4:12195928	SSF x Far_LoA	-9,43254435	-0,011	0,314
CHR4	12195936	CHR4:12195936	SSF x Far_LoA	-8,38776124	-0,020	0,302
CHR4	12201105	CHR4:12201105	SSF x Far_LoA	-6,63069176	0,105	0,294
CHR4	12201146	CHR4:12201146	SSF x Far_LoA	-9,21919	-0,053	0,309
CHR4	12201193	CHR4:12201193	SSF x Far_LoA	-2,38270892	-0,099	0,310
CHR4	12201215	CHR4:12201215	SSF x Far_LoA	-6,9950748	0,146	0,295
CHR4	12201310	CHR4:12201310	SSF x Far_LoA	-11,7133106	0,022	0,301
CHR4	12204201	CHR4:12204201	SSF x Far_LoA	-10,6564112	-0,058	0,304
CHR4	12204249	CHR4:12204249	SSF x Far_LoA	-9,53415179	0,088	0,311
CHR4	12204330	CHR4:12204330	SSF x Far_LoA	-10,1754019	0,113	0,299
CHR4	12211413	CHR4:12211413	SSF x Far_LoA	-10,0957234	0,091	0,282
CHR4	12212154	CHR4:12212154	SSF x Far_LoA	-9,66229393	0,096	0,303
CHR4	12212159	CHR4:12212159	SSF x Far_LoA	-9,24003563	0,091	0,308
CHR4	12215830	CHR4:12215830	SSF x Far_LoA	-9,32498314	-0,008	0,299
CHR4	12234305	CHR4:12234305	SSF x Far_LoA	-8,655988	-0,024	0,299
CHR4	12234307	CHR4:12234307	SSF x Far_LoA	-7,94517725	-0,045	0,308
CHR4	12234314	CHR4:12234314	SSF x Far_LoA	-9,30505962	0,041	0,310
CHR4	12234326	CHR4:12234326	SSF x Far_LoA	-8,80892878	0,097	0,323
CHR4	12242902	CHR4:12242902	SSF x Far_LoA	-8,75205674	0,086	0,301
CHR4	12245518	CHR4:12245518	SSF x Far_LoA	-10,0575308	-0,002	0,316
CHR4	12245722	CHR4:12245722	SSF x Far_LoA	-9,45885958	-0,061	0,298
CHR4	12245759	CHR4:12245759	SSF x Far_LoA	-10,5873109	0,018	0,291
CHR4	12249710	CHR4:12249710	SSF x Far_LoA	-8,75781853	0,121	0,295
CHR4	12249839	CHR4:12249839	SSF x Far_LoA	-9,18919374	-0,051	0,302
CHR4	12249863	CHR4:12249863	SSF x Far_LoA	-8,38545402	0,013	0,308
CHR4	12255450	CHR4:12255450	SSF x Far_LoA	-8,84589391	-0,080	0,308

CHR4	12257234	CHR4:12257234	SSF x Far_LoA	-8,19842567	0,076	0,311
CHR4	12268957	CHR4:12268957	SSF x Far_LoA	-6,4790454	0,034	0,308
CHR4	12269083	CHR4:12269083	SSF x Far_LoA	-7,48054677	0,057	0,300
CHR4	12269229	CHR4:12269229	SSF x Far_LoA	-8,55364916	-0,159	0,313
CHR4	12274865	CHR4:12274865	SSF x Far_LoA	-10,5287201	0,056	0,303
CHR4	12274944	CHR4:12274944	SSF x Far_LoA	-10,0456426	-0,112	0,287
CHR4	12276289	CHR4:12276289	SSF x Far_LoA	5,24190225	0,101	0,309
CHR4	12276382	CHR4:12276382	SSF x Far_LoA	-11,6700548	0,035	0,314
CHR4	12282699	CHR4:12282699	SSF x Far_LoA	-10,7264351	0,040	0,314
CHR4	12282734	CHR4:12282734	SSF x Far_LoA	-10,7741803	0,057	0,298
CHR4	12282992	CHR4:12282992	SSF x Far_LoA	-7,70690951	0,222	0,287
CHR4	12284876	CHR4:12284876	SSF x Far_LoA	-8,35079892	-0,031	0,313
CHR4	12284964	CHR4:12284964	SSF x Far_LoA	-9,01514797	0,018	0,306
CHR4	12286457	CHR4:12286457	SSF x Far_LoA	-10,6489695	-0,055	0,301
CHR4	12286470	CHR4:12286470	SSF x Far_LoA	-3,92453062	-0,055	0,309
CHR4	12286533	CHR4:12286533	SSF x Far_LoA	-8,71196004	-0,036	0,311
CHR4	12289094	CHR4:12289094	SSF x Far_LoA	-9,12241681	-0,108	0,325
CHR4	12289118	CHR4:12289118	SSF x Far_LoA	-10,3813227	0,026	0,306
CHR4	12289121	CHR4:12289121	SSF x Far_LoA	-9,29397139	-0,001	0,308
CHR4	12289175	CHR4:12289175	SSF x Far_LoA	-12,137998	-0,037	0,295
CHR4	12289179	CHR4:12289179	SSF x Far_LoA	-7,72630408	-0,074	0,315
CHR4	12289987	CHR4:12289987	SSF x Far_LoA	-11,3114364	0,055	0,290
CHR4	12290005	CHR4:12290005	SSF x Far_LoA	-9,72494863	-0,125	0,305
CHR4	12293892	CHR4:12293892	SSF x Far_LoA	-8,98497768	-0,079	0,306
CHR4	12296898	CHR4:12296898	SSF x Far_LoA	-9,63322374	0,039	0,299
CHR4	12296907	CHR4:12296907	SSF x Far_LoA	-8,88362316	0,018	0,311
CHR4	12300808	CHR4:12300808	SSF x Far_LoA	-11,3241695	0,039	0,314
CHR4	12300819	CHR4:12300819	SSF x Far_LoA	-9,67635131	0,023	0,306
CHR4	12300863	CHR4:12300863	SSF x Far_LoA	-8,19803425	-0,057	0,312
CHR4	12300900	CHR4:12300900	SSF x Far_LoA	-8,49388512	0,072	0,309
CHR4	12300931	CHR4:12300931	SSF x Far_LoA	-6,90125353	0,031	0,300
CHR4	12304891	CHR4:12304891	SSF x Far_LoA	-8,98198713	0,013	0,306
CHR4	12304909	CHR4:12304909	SSF x Far_LoA	-5,30328225	-0,007	0,318
CHR4	12307048	CHR4:12307048	SSF x Far_LoA	-10,1094357	-0,111	0,308
CHR4	12307093	CHR4:12307093	SSF x Far_LoA	-8,08855966	0,002	0,309
CHR4	12307202	CHR4:12307202	SSF x Far_LoA	-10,9726279	-0,024	0,305
CHR4	12307205	CHR4:12307205	SSF x Far_LoA	-10,3586197	-0,088	0,304
CHR4	12317673	CHR4:12317673	SSF x Far_LoA	-9,61973316	-0,074	0,299
CHR4	12317777	CHR4:12317777	SSF x Far_LoA	-8,78828847	0,021	0,309
CHR4	12317800	CHR4:12317800	SSF x Far_LoA	-10,2712694	-0,050	0,315
CHR4	12345056	CHR4:12345056	SSF x Far_LoA	-10,3265872	-0,034	0,302
CHR4	12372738	CHR4:12372738	SSF x Far_LoA	-9,00026852	0,024	0,306
CHR4	12372745	CHR4:12372745	SSF x Far_LoA	-8,39597011	-0,019	0,318
CHR4	12372837	CHR4:12372837	SSF x Far_LoA	-9,14381646	-0,003	0,315
CHR4	12380954	CHR4:12380954	SSF x Far_LoA	-1,97406441	0,215	0,279
CHR4	12381119	CHR4:12381119	SSF x Far_LoA	-9,26855626	0,041	0,305
CHR4	12381158	CHR4:12381158	SSF x Far_LoA	-9,00875129	0,099	0,309
CHR4	12381170	CHR4:12381170	SSF x Far_LoA	-4,98322691	0,185	0,289
CHR4	12385365	CHR4:12385365	SSF x Far_LoA	-10,4214275	0,069	0,306
CHR4	12385396	CHR4:12385396	SSF x Far_LoA	-10,0448272	0,092	0,305
CHR4	12388684	CHR4:12388684	SSF x Far_LoA	-11,6016538	0,017	0,300
CHR4	12388787	CHR4:12388787	SSF x Far_LoA	-11,2526923	-0,075	0,314
CHR4	12388937	CHR4:12388937	SSF x Far_LoA	-10,0709768	-0,066	0,314

CHR4	12393596	CHR4:12393596	SSF x Far_LoA	-10,4295159	-0,097	0,306
CHR4	12393677	CHR4:12393677	SSF x Far_LoA	-10,3431225	0,007	0,312
CHR4	1239788	CHR4:1239788	SSF x Far_LoA	-8,54014131	-0,127	0,309
CHR4	1239794	CHR4:1239794	SSF x Far_LoA	-9,16724955	0,016	0,305
CHR4	1239842	CHR4:1239842	SSF x Far_LoA	-10,4677986	0,095	0,296
CHR4	12398550	CHR4:12398550	SSF x Far_LoA	-9,59996867	-0,098	0,314
CHR4	12398563	CHR4:12398563	SSF x Far_LoA	-7,81368283	-0,016	0,306
CHR4	1239894	CHR4:1239894	SSF x Far_LoA	-9,5808562	-0,057	0,309
CHR4	1239966	CHR4:1239966	SSF x Far_LoA	-9,69963494	-0,067	0,305
CHR4	1240051	CHR4:1240051	SSF x Far_LoA	-8,75280064	0,048	0,309
CHR4	12416304	CHR4:12416304	SSF x Far_LoA	-9,1666712	-0,120	0,308
CHR4	12416503	CHR4:12416503	SSF x Far_LoA	-8,63124511	-0,053	0,293
CHR4	12416527	CHR4:12416527	SSF x Far_LoA	-10,221284	-0,040	0,303
CHR4	12417815	CHR4:12417815	SSF x Far_LoA	-7,93896095	0,093	0,296
CHR4	12417816	CHR4:12417816	SSF x Far_LoA	-8,83962615	0,090	0,290
CHR4	12417846	CHR4:12417846	SSF x Far_LoA	-9,22422626	0,008	0,298
CHR4	12417924	CHR4:12417924	SSF x Far_LoA	-11,0737212	-0,025	0,320
CHR4	12418045	CHR4:12418045	SSF x Far_LoA	-10,5086884	0,036	0,302
CHR4	12418065	CHR4:12418065	SSF x Far_LoA	-11,0692271	-0,059	0,307
CHR4	12418072	CHR4:12418072	SSF x Far_LoA	-11,8239746	0,005	0,308
CHR4	12418137	CHR4:12418137	SSF x Far_LoA	-10,0610942	-0,083	0,305
CHR4	12418138	CHR4:12418138	SSF x Far_LoA	-10,2375791	-0,093	0,307
CHR4	12422059	CHR4:12422059	SSF x Far_LoA	-11,5029602	-0,030	0,300
CHR4	12422159	CHR4:12422159	SSF x Far_LoA	-5,73349622	-0,122	0,307
CHR4	12422165	CHR4:12422165	SSF x Far_LoA	-5,54685908	0,067	0,300
CHR4	12422370	CHR4:12422370	SSF x Far_LoA	-11,3664519	-0,050	0,301
CHR4	12422424	CHR4:12422424	SSF x Far_LoA	-10,5981179	0,052	0,312
CHR4	12430603	CHR4:12430603	SSF x Far_LoA	-7,95557963	0,090	0,306
CHR4	12430631	CHR4:12430631	SSF x Far_LoA	-5,92734101	-0,078	0,302
CHR4	12430640	CHR4:12430640	SSF x Far_LoA	-10,3168793	0,087	0,314
CHR4	12430775	CHR4:12430775	SSF x Far_LoA	-10,9048746	-0,010	0,298
CHR4	12430794	CHR4:12430794	SSF x Far_LoA	-10,7867503	-0,026	0,288
CHR4	12439912	CHR4:12439912	SSF x Far_LoA	-9,85886987	0,087	0,303
CHR4	12439926	CHR4:12439926	SSF x Far_LoA	-9,98075488	0,022	0,321
CHR4	12439957	CHR4:12439957	SSF x Far_LoA	-10,0102785	-0,031	0,308
CHR4	12441650	CHR4:12441650	SSF x Far_LoA	-9,92885596	-0,099	0,309
CHR4	12441682	CHR4:12441682	SSF x Far_LoA	-8,589102	-0,127	0,309
CHR4	12441732	CHR4:12441732	SSF x Far_LoA	-10,8902753	-0,139	0,311
CHR4	12441734	CHR4:12441734	SSF x Far_LoA	-9,38709129	0,096	0,302
CHR4	12441740	CHR4:12441740	SSF x Far_LoA	-10,0923926	-0,148	0,301
CHR4	12441773	CHR4:12441773	SSF x Far_LoA	-8,69969133	0,006	0,285
CHR4	12441828	CHR4:12441828	SSF x Far_LoA	-9,79027978	0,044	0,316
CHR4	12441961	CHR4:12441961	SSF x Far_LoA	-9,30544368	-0,145	0,308
CHR4	12441968	CHR4:12441968	SSF x Far_LoA	-9,95392685	0,038	0,306
CHR4	12451119	CHR4:12451119	SSF x Far_LoA	-9,35145883	-0,021	0,289
CHR4	12451160	CHR4:12451160	SSF x Far_LoA	-8,13587604	0,089	0,301
CHR4	12451182	CHR4:12451182	SSF x Far_LoA	-8,63871061	-0,030	0,303
CHR4	12451187	CHR4:12451187	SSF x Far_LoA	-8,09264652	0,099	0,306
CHR4	12451225	CHR4:12451225	SSF x Far_LoA	-8,65177902	0,089	0,300
CHR4	12451264	CHR4:12451264	SSF x Far_LoA	-7,81250486	0,115	0,304
CHR4	12458434	CHR4:12458434	SSF x Far_LoA	-9,38204357	0,003	0,296
CHR4	12458439	CHR4:12458439	SSF x Far_LoA	-8,51280639	0,024	0,321
CHR4	12458445	CHR4:12458445	SSF x Far_LoA	-11,7490848	-0,012	0,316

CHR4	12458519	CHR4:12458519	SSF x Far_LoA	-9,79196322	-0,039	0,300
CHR4	12458523	CHR4:12458523	SSF x Far_LoA	-10,0290361	0,011	0,308
CHR4	12460131	CHR4:12460131	SSF x Far_LoA	-11,119665	-0,015	0,304
CHR4	12468847	CHR4:12468847	SSF x Far_LoA	-10,7810515	0,004	0,306
CHR4	12468893	CHR4:12468893	SSF x Far_LoA	-5,90941487	-0,191	0,306
CHR4	12468907	CHR4:12468907	SSF x Far_LoA	-10,7046593	0,050	0,305
CHR4	12468923	CHR4:12468923	SSF x Far_LoA	-6,83012337	0,211	0,306
CHR4	1246924	CHR4:1246924	SSF x Far_LoA	-7,9102468	-0,096	0,313
CHR4	12469745	CHR4:12469745	SSF x Far_LoA	-10,2827453	-0,059	0,312
CHR4	12469752	CHR4:12469752	SSF x Far_LoA	-7,55237913	-0,003	0,301
CHR4	1247049	CHR4:1247049	SSF x Far_LoA	-9,46995551	0,063	0,310
CHR4	12472156	CHR4:12472156	SSF x Far_LoA	-11,3849482	-0,001	0,316
CHR4	12472213	CHR4:12472213	SSF x Far_LoA	-7,53122859	-0,085	0,312
CHR4	12475857	CHR4:12475857	SSF x Far_LoA	-6,80417995	-0,057	0,325
CHR4	12479278	CHR4:12479278	SSF x Far_LoA	-8,01083223	0,107	0,299
CHR4	12479290	CHR4:12479290	SSF x Far_LoA	-8,35798629	0,092	0,306
CHR4	12479348	CHR4:12479348	SSF x Far_LoA	-8,4760752	-0,069	0,308
CHR4	12479423	CHR4:12479423	SSF x Far_LoA	-7,31132826	-0,135	0,301
CHR4	12481012	CHR4:12481012	SSF x Far_LoA	-5,59184853	-0,205	0,298
CHR4	12481039	CHR4:12481039	SSF x Far_LoA	-10,8353325	0,018	0,308
CHR4	12481086	CHR4:12481086	SSF x Far_LoA	-8,05774155	-0,006	0,325
CHR4	12481170	CHR4:12481170	SSF x Far_LoA	-11,1981679	0,018	0,316
CHR4	12481185	CHR4:12481185	SSF x Far_LoA	-10,7954439	-0,058	0,306
CHR4	12484754	CHR4:12484754	SSF x Far_LoA	-11,2825821	-0,001	0,299
CHR4	12484781	CHR4:12484781	SSF x Far_LoA	-9,0243546	-0,012	0,309
CHR4	12484843	CHR4:12484843	SSF x Far_LoA	-9,57865503	-0,006	0,307
CHR4	12485822	CHR4:12485822	SSF x Far_LoA	-8,30330114	-0,051	0,317
CHR4	12486032	CHR4:12486032	SSF x Far_LoA	-7,98759982	0,001	0,307
CHR4	12486066	CHR4:12486066	SSF x Far_LoA	-8,70531015	-0,132	0,300
CHR4	12486152	CHR4:12486152	SSF x Far_LoA	-8,49231318	-0,108	0,316
CHR4	12489644	CHR4:12489644	SSF x Far_LoA	-10,3518151	0,064	0,304
CHR4	12490548	CHR4:12490548	SSF x Far_LoA	-9,86126882	-0,063	0,313
CHR4	12490555	CHR4:12490555	SSF x Far_LoA	-9,06898272	0,149	0,300
CHR4	12492836	CHR4:12492836	SSF x Far_LoA	-9,454902	-0,093	0,308
CHR4	12492868	CHR4:12492868	SSF x Far_LoA	-11,0091543	-0,056	0,311
CHR4	12492871	CHR4:12492871	SSF x Far_LoA	-8,5334717	0,039	0,314
CHR4	12493009	CHR4:12493009	SSF x Far_LoA	-10,4726849	-0,045	0,314
CHR4	12499210	CHR4:12499210	SSF x Far_LoA	-8,54026423	-0,022	0,317
CHR4	12499216	CHR4:12499216	SSF x Far_LoA	-7,96871746	-0,076	0,312
CHR4	12499265	CHR4:12499265	SSF x Far_LoA	-6,22020763	-0,071	0,314
CHR4	12499274	CHR4:12499274	SSF x Far_LoA	-8,64321268	-0,016	0,318
CHR4	12499337	CHR4:12499337	SSF x Far_LoA	-8,80350418	0,044	0,311
CHR4	12499373	CHR4:12499373	SSF x Far_LoA	-10,8917417	-0,051	0,295
CHR4	12499431	CHR4:12499431	SSF x Far_LoA	-10,4136111	0,019	0,316
CHR4	12503060	CHR4:12503060	SSF x Far_LoA	-12,2261233	0,020	0,301
CHR4	12503309	CHR4:12503309	SSF x Far_LoA	-11,2148546	-0,002	0,306
CHR4	12512632	CHR4:12512632	SSF x Far_LoA	-8,66118672	0,009	0,311
CHR4	12512641	CHR4:12512641	SSF x Far_LoA	-8,79653899	-0,112	0,303
CHR4	12512646	CHR4:12512646	SSF x Far_LoA	-11,7271091	-0,057	0,301
CHR4	12512684	CHR4:12512684	SSF x Far_LoA	-10,7740941	0,096	0,297
CHR4	12519850	CHR4:12519850	SSF x Far_LoA	-7,77793529	0,010	0,301
CHR4	12519975	CHR4:12519975	SSF x Far_LoA	-7,66501572	0,084	0,292
CHR4	12520018	CHR4:12520018	SSF x Far_LoA	-8,40155755	-0,076	0,329

CHR4	12527206	CHR4:12527206	SSF x Far_LoA	-10,1246403	-0,049	0,311
CHR4	12527208	CHR4:12527208	SSF x Far_LoA	-8,01842938	-0,128	0,290
CHR4	12527222	CHR4:12527222	SSF x Far_LoA	-8,6249533	-0,069	0,305
CHR4	12527260	CHR4:12527260	SSF x Far_LoA	-9,06719271	-0,049	0,302
CHR4	12527312	CHR4:12527312	SSF x Far_LoA	-10,1063493	-0,028	0,303
CHR4	12527830	CHR4:12527830	SSF x Far_LoA	-9,20675305	0,008	0,304
CHR4	12527896	CHR4:12527896	SSF x Far_LoA	-11,1316802	0,094	0,309
CHR4	12535410	CHR4:12535410	SSF x Far_LoA	-10,2686966	0,064	0,311
CHR4	12535415	CHR4:12535415	SSF x Far_LoA	-6,68933127	-0,147	0,295
CHR4	12535454	CHR4:12535454	SSF x Far_LoA	-8,65779632	-0,055	0,299
CHR4	12550794	CHR4:12550794	SSF x Far_LoA	-8,00575197	-0,030	0,310
CHR4	12550848	CHR4:12550848	SSF x Far_LoA	-10,1100459	0,012	0,314
CHR4	12567605	CHR4:12567605	SSF x Far_LoA	-11,5015504	0,088	0,299
CHR4	12570717	CHR4:12570717	SSF x Far_LoA	-10,3042786	0,089	0,298
CHR4	12578489	CHR4:12578489	SSF x Far_LoA	-5,46520498	-0,029	0,308
CHR4	12578519	CHR4:12578519	SSF x Far_LoA	-8,87240202	0,055	0,309
CHR4	12578672	CHR4:12578672	SSF x Far_LoA	-9,40872707	-0,059	0,303
CHR4	12578720	CHR4:12578720	SSF x Far_LoA	-10,9169165	-0,006	0,309
CHR4	12578828	CHR4:12578828	SSF x Far_LoA	-9,64383352	-0,050	0,316
CHR4	12583642	CHR4:12583642	SSF x Far_LoA	-10,1191413	0,010	0,306
CHR4	12583693	CHR4:12583693	SSF x Far_LoA	-12,5877127	-0,073	0,293
CHR4	12583707	CHR4:12583707	SSF x Far_LoA	-8,77360213	-0,004	0,288
CHR4	12583730	CHR4:12583730	SSF x Far_LoA	-9,83470454	0,014	0,311
CHR4	12583777	CHR4:12583777	SSF x Far_LoA	-6,68526198	0,102	0,308
CHR4	12583780	CHR4:12583780	SSF x Far_LoA	-8,44778156	0,068	0,313
CHR4	12583794	CHR4:12583794	SSF x Far_LoA	-6,97063833	0,033	0,330
CHR4	12583837	CHR4:12583837	SSF x Far_LoA	-7,31979544	0,088	0,305
CHR4	12583858	CHR4:12583858	SSF x Far_LoA	-11,5173305	-0,063	0,303
CHR4	12593000	CHR4:12593000	SSF x Far_LoA	-9,08578332	0,058	0,306
CHR4	12593006	CHR4:12593006	SSF x Far_LoA	-10,9499716	-0,056	0,317
CHR4	12593040	CHR4:12593040	SSF x Far_LoA	-10,3334083	-0,022	0,303
CHR4	12593058	CHR4:12593058	SSF x Far_LoA	-9,5614175	-0,014	0,304
CHR4	12593060	CHR4:12593060	SSF x Far_LoA	-9,83405551	0,001	0,307
CHR4	12593168	CHR4:12593168	SSF x Far_LoA	-9,73154923	-0,032	0,309
CHR4	12593195	CHR4:12593195	SSF x Far_LoA	-8,60949031	-0,065	0,307
CHR4	12593225	CHR4:12593225	SSF x Far_LoA	-9,09258067	-0,017	0,318
CHR4	12604025	CHR4:12604025	SSF x Far_LoA	-7,97656678	-0,151	0,317
CHR4	12604178	CHR4:12604178	SSF x Far_LoA	-10,0861649	-0,104	0,312
CHR4	12604195	CHR4:12604195	SSF x Far_LoA	-11,5813832	-0,104	0,316
CHR4	12604204	CHR4:12604204	SSF x Far_LoA	-10,2119425	-0,051	0,297
CHR4	12604467	CHR4:12604467	SSF x Far_LoA	-9,95391884	0,025	0,308
CHR4	12604493	CHR4:12604493	SSF x Far_LoA	-9,73674292	-0,084	0,295
CHR4	12608777	CHR4:12608777	SSF x Far_LoA	-8,43305792	0,177	0,292
CHR4	12608829	CHR4:12608829	SSF x Far_LoA	-9,16178608	0,002	0,323
CHR4	12608876	CHR4:12608876	SSF x Far_LoA	-7,55947963	-0,153	0,301
CHR4	12608895	CHR4:12608895	SSF x Far_LoA	-8,43859333	0,078	0,302
CHR4	12608898	CHR4:12608898	SSF x Far_LoA	-10,826356	0,049	0,295
CHR4	12608972	CHR4:12608972	SSF x Far_LoA	-9,34843625	0,164	0,290
CHR4	12609020	CHR4:12609020	SSF x Far_LoA	2,35755671	0,109	0,307
CHR4	12609042	CHR4:12609042	SSF x Far_LoA	-9,98527489	0,005	0,301
CHR4	12620805	CHR4:12620805	SSF x Far_LoA	-11,4794953	-0,001	0,295
CHR4	12624985	CHR4:12624985	SSF x Far_LoA	-4,4168035	0,024	0,306
CHR4	12625006	CHR4:12625006	SSF x Far_LoA	-9,22765846	0,025	0,304

CHR4	12628013	CHR4:12628013	SSF x Far_LoA	-10,1210109	0,093	0,293
CHR4	12632525	CHR4:12632525	SSF x Far_LoA	-10,7481767	0,077	0,310
CHR4	12632530	CHR4:12632530	SSF x Far_LoA	-9,89815675	0,030	0,313
CHR4	12636828	CHR4:12636828	SSF x Far_LoA	-8,32057374	-0,055	0,297
CHR4	12636988	CHR4:12636988	SSF x Far_LoA	-4,35555863	0,155	0,301
CHR4	12637007	CHR4:12637007	SSF x Far_LoA	-8,8635907	0,151	0,297
CHR4	12637077	CHR4:12637077	SSF x Far_LoA	-10,5235483	0,056	0,312
CHR4	12637080	CHR4:12637080	SSF x Far_LoA	-6,47074462	0,073	0,311
CHR4	12637113	CHR4:12637113	SSF x Far_LoA	-8,39161488	-0,126	0,301
CHR4	12637146	CHR4:12637146	SSF x Far_LoA	-8,99177221	0,079	0,314
CHR4	12637147	CHR4:12637147	SSF x Far_LoA	-5,80580007	-0,141	0,305
CHR4	12637156	CHR4:12637156	SSF x Far_LoA	-12,4082064	0,063	0,305
CHR4	12641457	CHR4:12641457	SSF x Far_LoA	-10,7532646	0,053	0,302
CHR4	12641513	CHR4:12641513	SSF x Far_LoA	-9,57374661	0,104	0,315
CHR4	12641536	CHR4:12641536	SSF x Far_LoA	-9,68232766	-0,016	0,315
CHR4	12641552	CHR4:12641552	SSF x Far_LoA	-10,6246327	-0,004	0,308
CHR4	12654131	CHR4:12654131	SSF x Far_LoA	-9,11940598	0,054	0,294
CHR4	12654355	CHR4:12654355	SSF x Far_LoA	-8,88431757	0,012	0,319
CHR4	12659043	CHR4:12659043	SSF x Far_LoA	-9,82895581	-0,051	0,300
CHR4	12659069	CHR4:12659069	SSF x Far_LoA	-7,52571233	0,008	0,316
CHR4	12659129	CHR4:12659129	SSF x Far_LoA	-10,269675	0,064	0,313
CHR4	12661309	CHR4:12661309	SSF x Far_LoA	-3,65827086	0,011	0,297
CHR4	12664281	CHR4:12664281	SSF x Far_LoA	-11,6047599	-0,009	0,309
CHR4	12664416	CHR4:12664416	SSF x Far_LoA	-10,2872147	-0,085	0,304
CHR4	12664418	CHR4:12664418	SSF x Far_LoA	-8,25946426	-0,065	0,306
CHR4	12664423	CHR4:12664423	SSF x Far_LoA	-7,76364931	0,079	0,303
CHR4	12664424	CHR4:12664424	SSF x Far_LoA	-8,65161956	0,083	0,312
CHR4	12664441	CHR4:12664441	SSF x Far_LoA	-8,73134924	0,047	0,313
CHR4	12664462	CHR4:12664462	SSF x Far_LoA	-9,65979268	0,052	0,282
CHR4	12664483	CHR4:12664483	SSF x Far_LoA	-9,31030941	-0,093	0,308
CHR4	12664497	CHR4:12664497	SSF x Far_LoA	-10,5194082	-0,063	0,302
CHR4	12664502	CHR4:12664502	SSF x Far_LoA	-9,44373689	-0,060	0,301
CHR4	12664517	CHR4:12664517	SSF x Far_LoA	-9,29326	0,001	0,304
CHR4	12664526	CHR4:12664526	SSF x Far_LoA	-10,5756886	-0,093	0,313
CHR4	12668596	CHR4:12668596	SSF x Far_LoA	-5,92056996	-0,090	0,297
CHR4	12668656	CHR4:12668656	SSF x Far_LoA	-9,00318624	-0,133	0,312
CHR4	12668732	CHR4:12668732	SSF x Far_LoA	-7,13617523	-0,149	0,313
CHR4	12668748	CHR4:12668748	SSF x Far_LoA	-8,87171075	0,203	0,291
CHR4	12668812	CHR4:12668812	SSF x Far_LoA	-9,64253682	-0,055	0,314
CHR4	12668856	CHR4:12668856	SSF x Far_LoA	-9,87652373	0,002	0,325
CHR4	12668883	CHR4:12668883	SSF x Far_LoA	-11,4563679	0,020	0,312
CHR4	12668884	CHR4:12668884	SSF x Far_LoA	-9,22564204	0,053	0,308
CHR4	12668921	CHR4:12668921	SSF x Far_LoA	-8,05964692	0,030	0,305
CHR4	12680731	CHR4:12680731	SSF x Far_LoA	-8,09086545	0,030	0,305
CHR4	12681335	CHR4:12681335	SSF x Far_LoA	-11,5684596	0,042	0,298
CHR4	12688597	CHR4:12688597	SSF x Far_LoA	-7,05030146	0,053	0,301
CHR4	12688663	CHR4:12688663	SSF x Far_LoA	-10,0907619	-0,020	0,302
CHR4	12689709	CHR4:12689709	SSF x Far_LoA	-8,53083335	0,062	0,283
CHR4	12696188	CHR4:12696188	SSF x Far_LoA	-9,87304762	0,048	0,298
CHR4	12696206	CHR4:12696206	SSF x Far_LoA	-8,77255407	0,064	0,304
CHR4	12696306	CHR4:12696306	SSF x Far_LoA	-7,0405201	-0,034	0,306
CHR4	12696307	CHR4:12696307	SSF x Far_LoA	-8,16614488	-0,061	0,311
CHR4	12704674	CHR4:12704674	SSF x Far_LoA	-10,9062056	-0,026	0,308

CHR4	12704684	CHR4:12704684	SSF x Far_LoA	-8,52272511	-0,071	0,308
CHR4	12704718	CHR4:12704718	SSF x Far_LoA	-10,8441099	-0,072	0,304
CHR4	12706544	CHR4:12706544	SSF x Far_LoA	-8,9546741	-0,082	0,306
CHR4	12706569	CHR4:12706569	SSF x Far_LoA	-9,33861115	0,050	0,310
CHR4	12706572	CHR4:12706572	SSF x Far_LoA	-9,08120053	0,078	0,300
CHR4	12706583	CHR4:12706583	SSF x Far_LoA	-6,5704098	-0,091	0,303
CHR4	12706590	CHR4:12706590	SSF x Far_LoA	-9,66890452	0,011	0,297
CHR4	12706622	CHR4:12706622	SSF x Far_LoA	-11,1140164	-0,103	0,306
CHR4	12706687	CHR4:12706687	SSF x Far_LoA	-5,2044135	-0,110	0,311
CHR4	12706732	CHR4:12706732	SSF x Far_LoA	-10,1241466	-0,047	0,305
CHR4	12706747	CHR4:12706747	SSF x Far_LoA	-9,08345491	-0,033	0,315
CHR4	12714698	CHR4:12714698	SSF x Far_LoA	-6,52280964	0,179	0,280
CHR4	12714725	CHR4:12714725	SSF x Far_LoA	-9,14819898	-0,112	0,316
CHR4	12714760	CHR4:12714760	SSF x Far_LoA	-3,60186369	-0,199	0,292
CHR4	12714829	CHR4:12714829	SSF x Far_LoA	-8,96503189	-0,106	0,306
CHR4	12714852	CHR4:12714852	SSF x Far_LoA	-7,76633504	-0,111	0,296
CHR4	12714920	CHR4:12714920	SSF x Far_LoA	-10,0954283	-0,031	0,317
CHR4	12722208	CHR4:12722208	SSF x Far_LoA	-11,8759067	-0,007	0,300
CHR4	12722314	CHR4:12722314	SSF x Far_LoA	-10,3489719	0,025	0,313
CHR4	12723532	CHR4:12723532	SSF x Far_LoA	-11,4336251	-0,008	0,299
CHR4	12723618	CHR4:12723618	SSF x Far_LoA	-11,2406609	-0,067	0,294
CHR4	12723671	CHR4:12723671	SSF x Far_LoA	-10,0872413	-0,071	0,294
CHR4	12723703	CHR4:12723703	SSF x Far_LoA	-9,96411819	-0,035	0,301
CHR4	12727441	CHR4:12727441	SSF x Far_LoA	-10,0606175	-0,034	0,301
CHR4	12728402	CHR4:12728402	SSF x Far_LoA	-5,56581281	-0,030	0,311
CHR4	12728454	CHR4:12728454	SSF x Far_LoA	-8,84405826	-0,092	0,290
CHR4	12736385	CHR4:12736385	SSF x Far_LoA	-12,3916904	-0,027	0,299
CHR4	12736432	CHR4:12736432	SSF x Far_LoA	-6,05117765	0,170	0,309
CHR4	12752956	CHR4:12752956	SSF x Far_LoA	-8,00866405	0,108	0,301
CHR4	12752961	CHR4:12752961	SSF x Far_LoA	-6,71665398	-0,180	0,297
CHR4	12753001	CHR4:12753001	SSF x Far_LoA	-7,77972045	-0,086	0,306
CHR4	12753152	CHR4:12753152	SSF x Far_LoA	-10,2332215	0,093	0,298
CHR4	12759061	CHR4:12759061	SSF x Far_LoA	-8,06322234	-0,038	0,324
CHR4	12759151	CHR4:12759151	SSF x Far_LoA	-11,4029611	-0,024	0,304
CHR4	12759310	CHR4:12759310	SSF x Far_LoA	-10,1594306	0,133	0,291
CHR4	12761967	CHR4:12761967	SSF x Far_LoA	-8,76235091	0,192	0,294
CHR4	12762144	CHR4:12762144	SSF x Far_LoA	-9,16560783	0,038	0,311
CHR4	12772886	CHR4:12772886	SSF x Far_LoA	-9,01575651	-0,068	0,317
CHR4	12772911	CHR4:12772911	SSF x Far_LoA	-9,94887998	0,106	0,308
CHR4	12772959	CHR4:12772959	SSF x Far_LoA	-9,32708155	0,076	0,302
CHR4	12772960	CHR4:12772960	SSF x Far_LoA	-9,85546769	-0,049	0,313
CHR4	12772965	CHR4:12772965	SSF x Far_LoA	-10,874659	-0,093	0,307
CHR4	12776193	CHR4:12776193	SSF x Far_LoA	-8,80685799	-0,014	0,311
CHR4	12776293	CHR4:12776293	SSF x Far_LoA	-9,47212933	0,048	0,299
CHR4	12776303	CHR4:12776303	SSF x Far_LoA	-8,77101049	0,099	0,295
CHR4	12776315	CHR4:12776315	SSF x Far_LoA	-8,72356209	0,006	0,306
CHR4	12776358	CHR4:12776358	SSF x Far_LoA	-7,0365485	0,051	0,295
CHR4	12776409	CHR4:12776409	SSF x Far_LoA	-7,65971519	0,093	0,302
CHR4	12778549	CHR4:12778549	SSF x Far_LoA	-5,53581596	-0,097	0,302
CHR4	12778572	CHR4:12778572	SSF x Far_LoA	-10,8216153	-0,030	0,303
CHR4	1278562	CHR4:1278562	SSF x Far_LoA	-11,4609847	0,032	0,316
CHR4	12786482	CHR4:12786482	SSF x Far_LoA	-10,3512135	-0,026	0,318
CHR4	12786515	CHR4:12786515	SSF x Far_LoA	-7,87073701	-0,024	0,317

CHR4	12795762	CHR4:12795762	SSF x Far_LoA	-8,79935651	-0,026	0,324
CHR4	12795801	CHR4:12795801	SSF x Far_LoA	7,66548307	-0,159	0,310
CHR4	12801656	CHR4:12801656	SSF x Far_LoA	-8,09904318	0,223	0,286
CHR4	12801693	CHR4:12801693	SSF x Far_LoA	-9,43557176	0,034	0,317
CHR4	12801711	CHR4:12801711	SSF x Far_LoA	-8,68721487	-0,116	0,296
CHR4	12801807	CHR4:12801807	SSF x Far_LoA	-6,11812092	-0,095	0,308
CHR4	12801834	CHR4:12801834	SSF x Far_LoA	-11,8837839	0,007	0,310
CHR4	12801952	CHR4:12801952	SSF x Far_LoA	-9,25601153	0,104	0,305
CHR4	12802034	CHR4:12802034	SSF x Far_LoA	-9,59666582	-0,032	0,310
CHR4	12806135	CHR4:12806135	SSF x Far_LoA	-10,4502689	0,009	0,295
CHR4	12806290	CHR4:12806290	SSF x Far_LoA	-11,9195043	-0,040	0,300
CHR4	12806292	CHR4:12806292	SSF x Far_LoA	-10,2538656	0,014	0,306
CHR4	12817061	CHR4:12817061	SSF x Far_LoA	-9,14176062	-0,028	0,307
CHR4	12817117	CHR4:12817117	SSF x Far_LoA	-7,65186264	0,038	0,314
CHR4	12817232	CHR4:12817232	SSF x Far_LoA	-9,6592949	0,106	0,318
CHR4	12821288	CHR4:12821288	SSF x Far_LoA	-7,63356864	-0,137	0,309
CHR4	12821420	CHR4:12821420	SSF x Far_LoA	-8,56024396	0,129	0,294
CHR4	12835100	CHR4:12835100	SSF x Far_LoA	-6,88997543	0,209	0,292
CHR4	12835125	CHR4:12835125	SSF x Far_LoA	-9,01191284	-0,019	0,294
CHR4	12835209	CHR4:12835209	SSF x Far_LoA	-10,6897926	0,028	0,299
CHR4	12838545	CHR4:12838545	SSF x Far_LoA	-6,28165318	0,053	0,302
CHR4	12851259	CHR4:12851259	SSF x Far_LoA	-11,4373731	0,056	0,295
CHR4	12851312	CHR4:12851312	SSF x Far_LoA	-11,8179859	-0,013	0,306
CHR4	12851378	CHR4:12851378	SSF x Far_LoA	-11,2980573	-0,008	0,303
CHR4	12851418	CHR4:12851418	SSF x Far_LoA	-9,47275395	0,113	0,315
CHR4	12851427	CHR4:12851427	SSF x Far_LoA	-11,2552162	-0,100	0,313
CHR4	12851435	CHR4:12851435	SSF x Far_LoA	-12,3690882	0,019	0,284
CHR4	1286296	CHR4:1286296	SSF x Far_LoA	-10,7683832	-0,008	0,301
CHR4	1286403	CHR4:1286403	SSF x Far_LoA	-9,73632143	-0,047	0,304
CHR4	12866224	CHR4:12866224	SSF x Far_LoA	-5,41246158	-0,113	0,325
CHR4	1287861	CHR4:1287861	SSF x Far_LoA	-9,46138183	0,074	0,302
CHR4	1287868	CHR4:1287868	SSF x Far_LoA	-9,80533452	-0,055	0,313
CHR4	1287910	CHR4:1287910	SSF x Far_LoA	-12,2809889	0,000	0,294
CHR4	12888546	CHR4:12888546	SSF x Far_LoA	-8,44535624	-0,016	0,329
CHR4	12892265	CHR4:12892265	SSF x Far_LoA	-8,41751736	0,049	0,308
CHR4	12892268	CHR4:12892268	SSF x Far_LoA	-9,40705716	0,035	0,298
CHR4	12892273	CHR4:12892273	SSF x Far_LoA	-8,98764151	0,007	0,318
CHR4	12892286	CHR4:12892286	SSF x Far_LoA	-10,7830557	0,043	0,309
CHR4	12892530	CHR4:12892530	SSF x Far_LoA	-10,9433495	-0,002	0,296
CHR4	12896282	CHR4:12896282	SSF x Far_LoA	-8,28683299	0,065	0,314
CHR4	12896305	CHR4:12896305	SSF x Far_LoA	-8,6842249	0,039	0,310
CHR4	12896338	CHR4:12896338	SSF x Far_LoA	-10,2517822	-0,075	0,316
CHR4	12940920	CHR4:12940920	SSF x Far_LoA	-8,46543821	0,140	0,298
CHR4	12940956	CHR4:12940956	SSF x Far_LoA	-10,7086215	-0,142	0,298
CHR4	12940981	CHR4:12940981	SSF x Far_LoA	-9,05826905	0,173	0,300
CHR4	12941974	CHR4:12941974	SSF x Far_LoA	-8,99395162	-0,052	0,313
CHR4	12942070	CHR4:12942070	SSF x Far_LoA	-8,47904949	-0,078	0,315
CHR4	1295290	CHR4:1295290	SSF x Far_LoA	-8,74239815	0,060	0,300
CHR4	1295305	CHR4:1295305	SSF x Far_LoA	-7,18145003	-0,055	0,314
CHR4	1295460	CHR4:1295460	SSF x Far_LoA	-9,12233146	-0,020	0,302
CHR4	12955246	CHR4:12955246	SSF x Far_LoA	-9,67485516	0,033	0,302
CHR4	12957976	CHR4:12957976	SSF x Far_LoA	-6,05744535	-0,206	0,300
CHR4	12958052	CHR4:12958052	SSF x Far_LoA	8,57092622	0,264	0,276

CHR4	12958112	CHR4:12958112	SSF x Far_LoA	-7,08357867	-0,203	0,286
CHR4	12958151	CHR4:12958151	SSF x Far_LoA	-9,41601645	-0,070	0,308
CHR4	12958178	CHR4:12958178	SSF x Far_LoA	-9,37610317	-0,027	0,310
CHR4	12972089	CHR4:12972089	SSF x Far_LoA	-8,53983407	0,000	0,310
CHR4	12973537	CHR4:12973537	SSF x Far_LoA	-8,54953997	-0,014	0,307
CHR4	12993653	CHR4:12993653	SSF x Far_LoA	-9,08648205	0,084	0,314
CHR4	13001324	CHR4:13001324	SSF x Far_LoA	-10,011206	0,024	0,307
CHR4	13009611	CHR4:13009611	SSF x Far_LoA	-11,1809391	0,063	0,303
CHR4	13009748	CHR4:13009748	SSF x Far_LoA	-10,4830374	0,042	0,301
CHR4	13009763	CHR4:13009763	SSF x Far_LoA	-6,43848427	0,061	0,327
CHR4	13009807	CHR4:13009807	SSF x Far_LoA	-8,43011649	0,035	0,308
CHR4	13013717	CHR4:13013717	SSF x Far_LoA	-8,85952074	-0,115	0,314
CHR4	13013820	CHR4:13013820	SSF x Far_LoA	-7,89891	0,061	0,294
CHR4	13022605	CHR4:13022605	SSF x Far_LoA	-9,63837215	0,060	0,296
CHR4	13022647	CHR4:13022647	SSF x Far_LoA	-9,33813139	0,128	0,296
CHR4	13022699	CHR4:13022699	SSF x Far_LoA	-8,65452984	0,032	0,303
CHR4	13025188	CHR4:13025188	SSF x Far_LoA	-11,8024762	0,029	0,303
CHR4	13028992	CHR4:13028992	SSF x Far_LoA	-5,06521515	0,034	0,320
CHR4	13029004	CHR4:13029004	SSF x Far_LoA	-10,362875	-0,017	0,323
CHR4	13029018	CHR4:13029018	SSF x Far_LoA	-11,2717929	0,049	0,310
CHR4	13029161	CHR4:13029161	SSF x Far_LoA	-8,34863713	0,001	0,312
CHR4	13030645	CHR4:13030645	SSF x Far_LoA	-10,4982606	-0,076	0,311
CHR4	13031242	CHR4:13031242	SSF x Far_LoA	-10,4745508	-0,088	0,313
CHR4	13031302	CHR4:13031302	SSF x Far_LoA	-9,65263232	0,021	0,308
CHR4	13031360	CHR4:13031360	SSF x Far_LoA	-7,49526755	-0,140	0,307
CHR4	13039895	CHR4:13039895	SSF x Far_LoA	-11,0238794	-0,054	0,310
CHR4	13044681	CHR4:13044681	SSF x Far_LoA	-10,5410292	-0,056	0,308
CHR4	13046142	CHR4:13046142	SSF x Far_LoA	-11,4419298	-0,077	0,294
CHR4	13046160	CHR4:13046160	SSF x Far_LoA	-9,82439115	-0,014	0,299
CHR4	13046318	CHR4:13046318	SSF x Far_LoA	-7,80909061	-0,091	0,313
CHR4	13069746	CHR4:13069746	SSF x Far_LoA	-8,92556816	-0,120	0,316
CHR4	13069832	CHR4:13069832	SSF x Far_LoA	-10,0952463	-0,042	0,308
CHR4	13071725	CHR4:13071725	SSF x Far_LoA	-9,2955204	0,002	0,318
CHR4	13072451	CHR4:13072451	SSF x Far_LoA	-8,16556789	-0,017	0,287
CHR4	13079928	CHR4:13079928	SSF x Far_LoA	-8,84889413	-0,064	0,309
CHR4	13080077	CHR4:13080077	SSF x Far_LoA	-8,22661946	0,106	0,302
CHR4	13080099	CHR4:13080099	SSF x Far_LoA	-9,36879951	0,070	0,308
CHR4	13080138	CHR4:13080138	SSF x Far_LoA	-8,23092762	0,027	0,306
CHR4	13080156	CHR4:13080156	SSF x Far_LoA	-10,4923722	-0,028	0,310
CHR4	13083422	CHR4:13083422	SSF x Far_LoA	-10,8512724	-0,041	0,323
CHR4	13084965	CHR4:13084965	SSF x Far_LoA	-9,60748337	-0,080	0,297
CHR4	13085055	CHR4:13085055	SSF x Far_LoA	-8,80957652	-0,100	0,305
CHR4	13090232	CHR4:13090232	SSF x Far_LoA	-7,16726606	0,048	0,310
CHR4	13090236	CHR4:13090236	SSF x Far_LoA	-8,45902306	0,056	0,307
CHR4	13090254	CHR4:13090254	SSF x Far_LoA	-4,90603107	-0,119	0,312
CHR4	13095776	CHR4:13095776	SSF x Far_LoA	-8,06779064	0,076	0,304
CHR4	13095850	CHR4:13095850	SSF x Far_LoA	-9,56378535	-0,062	0,308
CHR4	13095936	CHR4:13095936	SSF x Far_LoA	-8,13425076	0,047	0,313
CHR4	13095946	CHR4:13095946	SSF x Far_LoA	8,54416854	0,031	0,297
CHR4	13095991	CHR4:13095991	SSF x Far_LoA	-7,43695048	-0,072	0,314
CHR4	13105917	CHR4:13105917	SSF x Far_LoA	-10,579517	0,157	0,294
CHR4	13105969	CHR4:13105969	SSF x Far_LoA	-8,82950354	0,097	0,302
CHR4	13105977	CHR4:13105977	SSF x Far_LoA	-10,8352837	-0,051	0,289

CHR4	13105990	CHR4:13105990	SSF x Far_LoA	-9,12175433	-0,060	0,313
CHR4	13106025	CHR4:13106025	SSF x Far_LoA	-9,09449048	-0,068	0,292
CHR4	13106051	CHR4:13106051	SSF x Far_LoA	-9,30343113	-0,042	0,305
CHR4	13106126	CHR4:13106126	SSF x Far_LoA	-6,9145885	0,116	0,307
CHR4	13106159	CHR4:13106159	SSF x Far_LoA	-7,31876618	0,145	0,289
CHR4	13106192	CHR4:13106192	SSF x Far_LoA	-9,19582918	-0,057	0,304
CHR4	13106204	CHR4:13106204	SSF x Far_LoA	-8,75014105	-0,113	0,296
CHR4	13106205	CHR4:13106205	SSF x Far_LoA	-5,93678141	0,083	0,302
CHR4	13110256	CHR4:13110256	SSF x Far_LoA	-9,12249872	-0,003	0,307
CHR4	13111867	CHR4:13111867	SSF x Far_LoA	-7,00466381	-0,060	0,314
CHR4	13111901	CHR4:13111901	SSF x Far_LoA	-10,0793332	-0,035	0,305
CHR4	13119500	CHR4:13119500	SSF x Far_LoA	-10,2542537	-0,064	0,306
CHR4	13119509	CHR4:13119509	SSF x Far_LoA	-11,8605424	-0,048	0,306
CHR4	13122250	CHR4:13122250	SSF x Far_LoA	-11,8162525	-0,067	0,325
CHR4	13130644	CHR4:13130644	SSF x Far_LoA	-6,51192643	0,179	0,302
CHR4	13130776	CHR4:13130776	SSF x Far_LoA	-10,270383	0,061	0,289
CHR4	13130823	CHR4:13130823	SSF x Far_LoA	-11,2755744	0,078	0,288
CHR4	13130913	CHR4:13130913	SSF x Far_LoA	-9,75669905	0,053	0,310
CHR4	13145461	CHR4:13145461	SSF x Far_LoA	-7,25587137	0,118	0,310
CHR4	13168807	CHR4:13168807	SSF x Far_LoA	-8,41862418	-0,038	0,309
CHR4	13171230	CHR4:13171230	SSF x Far_LoA	-11,3034661	-0,022	0,308
CHR4	13171236	CHR4:13171236	SSF x Far_LoA	-12,3309273	-0,017	0,291
CHR4	13171278	CHR4:13171278	SSF x Far_LoA	-9,70117793	-0,075	0,315
CHR4	13171332	CHR4:13171332	SSF x Far_LoA	-10,4221685	0,024	0,314
CHR4	13171342	CHR4:13171342	SSF x Far_LoA	-8,7438821	-0,035	0,300
CHR4	13171389	CHR4:13171389	SSF x Far_LoA	-6,3653289	-0,087	0,298
CHR4	13171457	CHR4:13171457	SSF x Far_LoA	-10,3317484	0,044	0,294
CHR4	13175377	CHR4:13175377	SSF x Far_LoA	-8,20766448	-0,136	0,303
CHR4	13175405	CHR4:13175405	SSF x Far_LoA	-7,54274273	-0,005	0,316
CHR4	13175416	CHR4:13175416	SSF x Far_LoA	-11,2991472	0,069	0,307
CHR4	13175476	CHR4:13175476	SSF x Far_LoA	-7,25545536	-0,110	0,326
CHR4	13181253	CHR4:13181253	SSF x Far_LoA	-10,8947325	0,052	0,308
CHR4	13184294	CHR4:13184294	SSF x Far_LoA	-12,1503426	0,045	0,297
CHR4	13185138	CHR4:13185138	SSF x Far_LoA	-8,11767643	-0,123	0,311
CHR4	13187910	CHR4:13187910	SSF x Far_LoA	-10,9435542	0,028	0,320
CHR4	13199827	CHR4:13199827	SSF x Far_LoA	-9,97818504	-0,070	0,303
CHR4	1320011	CHR4:1320011	SSF x Far_LoA	-11,4080681	0,027	0,299
CHR4	1320088	CHR4:1320088	SSF x Far_LoA	-10,32611	-0,028	0,306
CHR4	1320089	CHR4:1320089	SSF x Far_LoA	-10,6997274	-0,036	0,294
CHR4	1320132	CHR4:1320132	SSF x Far_LoA	-10,5619109	-0,021	0,294
CHR4	1320171	CHR4:1320171	SSF x Far_LoA	-10,9142447	-0,081	0,311
CHR4	1320299	CHR4:1320299	SSF x Far_LoA	-8,44013116	0,009	0,319
CHR4	13205808	CHR4:13205808	SSF x Far_LoA	-11,4517529	-0,038	0,303
CHR4	13205904	CHR4:13205904	SSF x Far_LoA	-11,0317735	0,041	0,299
CHR4	13205959	CHR4:13205959	SSF x Far_LoA	-10,2182969	0,056	0,309
CHR4	13206014	CHR4:13206014	SSF x Far_LoA	-9,56559803	-0,088	0,318
CHR4	13208149	CHR4:13208149	SSF x Far_LoA	-9,68675184	-0,034	0,283
CHR4	13211513	CHR4:13211513	SSF x Far_LoA	-11,2705747	-0,027	0,317
CHR4	13213246	CHR4:13213246	SSF x Far_LoA	-4,50593158	-0,109	0,320
CHR4	13223773	CHR4:13223773	SSF x Far_LoA	-8,5026059	0,006	0,311
CHR4	13223852	CHR4:13223852	SSF x Far_LoA	-10,2235258	0,035	0,310
CHR4	13225517	CHR4:13225517	SSF x Far_LoA	-11,7024805	-0,013	0,303
CHR4	13225677	CHR4:13225677	SSF x Far_LoA	-10,2842807	-0,033	0,307

CHR4	13236787	CHR4:13236787	SSF x Far_LoA	-9,01327719	0,121	0,291
CHR4	13237647	CHR4:13237647	SSF x Far_LoA	-10,5405042	0,092	0,306
CHR4	13252977	CHR4:13252977	SSF x Far_LoA	-8,91119599	0,041	0,314
CHR4	13252983	CHR4:13252983	SSF x Far_LoA	-8,29024774	0,016	0,318
CHR4	13253880	CHR4:13253880	SSF x Far_LoA	-11,163459	-0,073	0,303
CHR4	13253884	CHR4:13253884	SSF x Far_LoA	-7,4428236	-0,050	0,302
CHR4	13253886	CHR4:13253886	SSF x Far_LoA	-8,86696615	-0,019	0,319
CHR4	13254038	CHR4:13254038	SSF x Far_LoA	-9,19988865	0,061	0,302
CHR4	13263850	CHR4:13263850	SSF x Far_LoA	-9,01629281	-0,076	0,327
CHR4	13279724	CHR4:13279724	SSF x Far_LoA	-7,30156344	-0,127	0,294
CHR4	13279814	CHR4:13279814	SSF x Far_LoA	-11,0748662	0,083	0,302
CHR4	1327992	CHR4:1327992	SSF x Far_LoA	-10,3201722	0,071	0,310
CHR4	13279939	CHR4:13279939	SSF x Far_LoA	-9,68783877	-0,046	0,303
CHR4	13282011	CHR4:13282011	SSF x Far_LoA	-8,96907534	0,152	0,307
CHR4	13284388	CHR4:13284388	SSF x Far_LoA	-10,103321	0,091	0,285
CHR4	13284424	CHR4:13284424	SSF x Far_LoA	-9,84177025	0,077	0,301
CHR4	13284459	CHR4:13284459	SSF x Far_LoA	-10,9578669	0,064	0,307
CHR4	13284489	CHR4:13284489	SSF x Far_LoA	-8,43732891	0,157	0,298
CHR4	13286195	CHR4:13286195	SSF x Far_LoA	-6,36997074	0,137	0,309
CHR4	1328717	CHR4:1328717	SSF x Far_LoA	-7,54253882	0,041	0,310
CHR4	13287182	CHR4:13287182	SSF x Far_LoA	-7,91485888	-0,029	0,306
CHR4	13287184	CHR4:13287184	SSF x Far_LoA	-10,350583	0,043	0,313
CHR4	1328807	CHR4:1328807	SSF x Far_LoA	-12,0016662	0,016	0,313
CHR4	13293283	CHR4:13293283	SSF x Far_LoA	-10,7656962	0,019	0,298
CHR4	13293358	CHR4:13293358	SSF x Far_LoA	-10,8467339	0,016	0,309
CHR4	13293496	CHR4:13293496	SSF x Far_LoA	-10,340755	-0,084	0,316
CHR4	13309468	CHR4:13309468	SSF x Far_LoA	-5,63933886	0,030	0,310
CHR4	13309677	CHR4:13309677	SSF x Far_LoA	-8,39620678	-0,102	0,302
CHR4	13309690	CHR4:13309690	SSF x Far_LoA	-10,8494335	-0,003	0,299
CHR4	13309694	CHR4:13309694	SSF x Far_LoA	-6,87986432	0,124	0,297
CHR4	13315699	CHR4:13315699	SSF x Far_LoA	-5,55067445	-0,117	0,307
CHR4	13315774	CHR4:13315774	SSF x Far_LoA	-9,03978395	0,020	0,315
CHR4	13333633	CHR4:13333633	SSF x Far_LoA	-8,66046359	-0,012	0,314
CHR4	13334382	CHR4:13334382	SSF x Far_LoA	-11,1496021	0,026	0,291
CHR4	13334412	CHR4:13334412	SSF x Far_LoA	-8,58791188	-0,001	0,308
CHR4	13367315	CHR4:13367315	SSF x Far_LoA	-9,20577096	0,075	0,312
CHR4	13371143	CHR4:13371143	SSF x Far_LoA	-10,5740758	-0,057	0,319
CHR4	13371250	CHR4:13371250	SSF x Far_LoA	-11,3748245	-0,034	0,302
CHR4	13408172	CHR4:13408172	SSF x Far_LoA	-10,9730272	-0,008	0,299
CHR4	13417106	CHR4:13417106	SSF x Far_LoA	-11,7684159	-0,028	0,297
CHR4	13419866	CHR4:13419866	SSF x Far_LoA	-11,0888313	-0,014	0,308
CHR4	13419875	CHR4:13419875	SSF x Far_LoA	-11,4253193	0,041	0,312
CHR4	13419930	CHR4:13419930	SSF x Far_LoA	-7,53282034	-0,069	0,300
CHR4	1342579	CHR4:1342579	SSF x Far_LoA	-7,43321837	-0,088	0,317
CHR4	1342635	CHR4:1342635	SSF x Far_LoA	-10,3347192	-0,028	0,313
CHR4	1342675	CHR4:1342675	SSF x Far_LoA	-9,52597149	-0,140	0,291
CHR4	13437266	CHR4:13437266	SSF x Far_LoA	-12,4155529	-0,018	0,290
CHR4	13447403	CHR4:13447403	SSF x Far_LoA	-5,36607661	0,183	0,305
CHR4	13447503	CHR4:13447503	SSF x Far_LoA	-5,14771938	0,098	0,316
CHR4	1348872	CHR4:1348872	SSF x Far_LoA	-6,07160498	0,173	0,291
CHR4	1348889	CHR4:1348889	SSF x Far_LoA	-8,55832123	0,162	0,300
CHR4	13505527	CHR4:13505527	SSF x Far_LoA	-10,629369	0,007	0,309
CHR4	13505608	CHR4:13505608	SSF x Far_LoA	-6,69018139	-0,027	0,310

CHR4	13508636	CHR4:13508636	SSF x Far_LoA	-6,82134856	0,097	0,313
CHR4	13508659	CHR4:13508659	SSF x Far_LoA	-10,9255639	-0,067	0,308
CHR4	13508762	CHR4:13508762	SSF x Far_LoA	-9,00686377	0,036	0,300
CHR4	13508795	CHR4:13508795	SSF x Far_LoA	-11,7309802	0,027	0,293
CHR4	13510950	CHR4:13510950	SSF x Far_LoA	-10,6188455	0,038	0,300
CHR4	13511056	CHR4:13511056	SSF x Far_LoA	-11,2594644	-0,090	0,312
CHR4	13511097	CHR4:13511097	SSF x Far_LoA	-6,90804191	-0,139	0,304
CHR4	13511162	CHR4:13511162	SSF x Far_LoA	-8,50450833	0,061	0,311
CHR4	13513640	CHR4:13513640	SSF x Far_LoA	-6,70960139	-0,119	0,301
CHR4	13522636	CHR4:13522636	SSF x Far_LoA	-11,6396497	-0,051	0,312
CHR4	13522805	CHR4:13522805	SSF x Far_LoA	-10,4506712	0,053	0,303
CHR4	13522897	CHR4:13522897	SSF x Far_LoA	-10,6471605	0,024	0,294
CHR4	13526542	CHR4:13526542	SSF x Far_LoA	-11,1184148	-0,010	0,312
CHR4	13531573	CHR4:13531573	SSF x Far_LoA	-9,21060727	0,054	0,309
CHR4	13531671	CHR4:13531671	SSF x Far_LoA	-8,98597532	-0,015	0,298
CHR4	13531681	CHR4:13531681	SSF x Far_LoA	-4,7161957	-0,129	0,309
CHR4	13534466	CHR4:13534466	SSF x Far_LoA	-9,79770186	0,061	0,313
CHR4	13534487	CHR4:13534487	SSF x Far_LoA	-10,1976976	0,002	0,325
CHR4	13534541	CHR4:13534541	SSF x Far_LoA	-9,73524362	-0,074	0,324
CHR4	13543859	CHR4:13543859	SSF x Far_LoA	-10,1700989	0,130	0,292
CHR4	13543960	CHR4:13543960	SSF x Far_LoA	-9,51368993	0,002	0,314
CHR4	13545703	CHR4:13545703	SSF x Far_LoA	-10,5250923	-0,008	0,299
CHR4	13545763	CHR4:13545763	SSF x Far_LoA	-8,6049223	0,013	0,305
CHR4	1355051	CHR4:1355051	SSF x Far_LoA	-11,6495857	0,007	0,312
CHR4	13558248	CHR4:13558248	SSF x Far_LoA	-8,04067779	-0,151	0,296
CHR4	13558267	CHR4:13558267	SSF x Far_LoA	-11,4536654	-0,035	0,311
CHR4	13558275	CHR4:13558275	SSF x Far_LoA	-10,8451879	-0,054	0,302
CHR4	13558279	CHR4:13558279	SSF x Far_LoA	-7,93571028	-0,123	0,301
CHR4	13558303	CHR4:13558303	SSF x Far_LoA	-7,12494665	-0,023	0,301
CHR4	13558309	CHR4:13558309	SSF x Far_LoA	-8,42052223	-0,035	0,312
CHR4	13562111	CHR4:13562111	SSF x Far_LoA	-7,22261843	0,166	0,295
CHR4	13571830	CHR4:13571830	SSF x Far_LoA	-12,0373796	-0,009	0,304
CHR4	13581525	CHR4:13581525	SSF x Far_LoA	-11,3101464	0,051	0,301
CHR4	13581673	CHR4:13581673	SSF x Far_LoA	-6,84236182	0,127	0,305
CHR4	13581700	CHR4:13581700	SSF x Far_LoA	-9,40128001	0,056	0,318
CHR4	13599564	CHR4:13599564	SSF x Far_LoA	-10,0094261	-0,011	0,312
CHR4	13601941	CHR4:13601941	SSF x Far_LoA	-9,51387818	0,105	0,295
CHR4	13602444	CHR4:13602444	SSF x Far_LoA	-8,96700878	-0,113	0,293
CHR4	13605329	CHR4:13605329	SSF x Far_LoA	-8,60271614	0,079	0,301
CHR4	13605403	CHR4:13605403	SSF x Far_LoA	-9,79696886	0,064	0,301
CHR4	13609523	CHR4:13609523	SSF x Far_LoA	-9,97912549	0,054	0,301
CHR4	13617927	CHR4:13617927	SSF x Far_LoA	-8,67072726	0,014	0,304
CHR4	13617950	CHR4:13617950	SSF x Far_LoA	-9,4641093	0,074	0,309
CHR4	13617985	CHR4:13617985	SSF x Far_LoA	-5,24250817	0,156	0,306
CHR4	13618037	CHR4:13618037	SSF x Far_LoA	-10,4293819	-0,009	0,297
CHR4	13618098	CHR4:13618098	SSF x Far_LoA	-8,95636146	0,103	0,315
CHR4	13618109	CHR4:13618109	SSF x Far_LoA	-10,8030105	-0,031	0,303
CHR4	13618130	CHR4:13618130	SSF x Far_LoA	-9,52832145	0,020	0,313
CHR4	13618195	CHR4:13618195	SSF x Far_LoA	-4,85949174	0,131	0,302
CHR4	13627088	CHR4:13627088	SSF x Far_LoA	-8,34153127	0,018	0,317
CHR4	13641884	CHR4:13641884	SSF x Far_LoA	-11,725752	-0,068	0,306
CHR4	13641926	CHR4:13641926	SSF x Far_LoA	-7,29781634	0,097	0,303
CHR4	13642013	CHR4:13642013	SSF x Far_LoA	-9,3301039	0,058	0,302

CHR4	13654236	CHR4:13654236	SSF x Far_LoA	-10,3969286	-0,047	0,317
CHR4	13662418	CHR4:13662418	SSF x Far_LoA	-7,24728542	0,156	0,283
CHR4	13662460	CHR4:13662460	SSF x Far_LoA	-3,44171467	0,240	0,282
CHR4	13662489	CHR4:13662489	SSF x Far_LoA	-6,37662022	-0,133	0,306
CHR4	13662510	CHR4:13662510	SSF x Far_LoA	4,51037283	0,260	0,291
CHR4	13662518	CHR4:13662518	SSF x Far_LoA	-6,75437513	-0,130	0,312
CHR4	13686655	CHR4:13686655	SSF x Far_LoA	-12,1276522	-0,053	0,291
CHR4	13703219	CHR4:13703219	SSF x Far_LoA	-4,79791161	0,021	0,323
CHR4	13718734	CHR4:13718734	SSF x Far_LoA	-4,74235934	-0,104	0,308
CHR4	13720709	CHR4:13720709	SSF x Far_LoA	-8,14056846	-0,133	0,310
CHR4	13720774	CHR4:13720774	SSF x Far_LoA	-9,13401896	-0,074	0,312
CHR4	13725244	CHR4:13725244	SSF x Far_LoA	-11,8111548	0,062	0,309
CHR4	13728967	CHR4:13728967	SSF x Far_LoA	-11,3702811	0,004	0,300
CHR4	13729152	CHR4:13729152	SSF x Far_LoA	-7,74984899	-0,068	0,308
CHR4	13734598	CHR4:13734598	SSF x Far_LoA	-7,8004495	-0,014	0,306
CHR4	13734607	CHR4:13734607	SSF x Far_LoA	-10,7687069	0,093	0,309
CHR4	13734679	CHR4:13734679	SSF x Far_LoA	-9,57474505	-0,001	0,304
CHR4	13734707	CHR4:13734707	SSF x Far_LoA	-10,205036	0,064	0,312
CHR4	13734717	CHR4:13734717	SSF x Far_LoA	-9,80830331	0,067	0,307
CHR4	13734766	CHR4:13734766	SSF x Far_LoA	-8,14308379	-0,045	0,312
CHR4	13743320	CHR4:13743320	SSF x Far_LoA	-10,8184119	-0,145	0,309
CHR4	13747686	CHR4:13747686	SSF x Far_LoA	-6,02561775	-0,169	0,298
CHR4	13747687	CHR4:13747687	SSF x Far_LoA	-7,69510152	-0,153	0,297
CHR4	13747758	CHR4:13747758	SSF x Far_LoA	-10,3226421	0,031	0,311
CHR4	13784976	CHR4:13784976	SSF x Far_LoA	-4,13908099	-0,178	0,303
CHR4	13788803	CHR4:13788803	SSF x Far_LoA	-10,3029132	-0,058	0,300
CHR4	13788869	CHR4:13788869	SSF x Far_LoA	-11,5861613	-0,016	0,305
CHR4	13795149	CHR4:13795149	SSF x Far_LoA	-7,53300382	-0,088	0,306
CHR4	13804958	CHR4:13804958	SSF x Far_LoA	-9,58581335	0,035	0,299
CHR4	13805182	CHR4:13805182	SSF x Far_LoA	-10,3728771	-0,024	0,311
CHR4	13826146	CHR4:13826146	SSF x Far_LoA	-3,95760718	0,162	0,303
CHR4	1382691	CHR4:1382691	SSF x Far_LoA	-9,71482184	0,036	0,315
CHR4	1382704	CHR4:1382704	SSF x Far_LoA	-11,9709357	0,002	0,296
CHR4	13832417	CHR4:13832417	SSF x Far_LoA	-8,82714742	0,024	0,308
CHR4	13832456	CHR4:13832456	SSF x Far_LoA	-8,88525342	-0,046	0,301
CHR4	13832605	CHR4:13832605	SSF x Far_LoA	-10,1484606	0,043	0,305
CHR4	13832638	CHR4:13832638	SSF x Far_LoA	-9,38032415	0,019	0,322
CHR4	13834029	CHR4:13834029	SSF x Far_LoA	-10,1065504	0,047	0,309
CHR4	13850976	CHR4:13850976	SSF x Far_LoA	-10,4140209	-0,045	0,306
CHR4	13851328	CHR4:13851328	SSF x Far_LoA	-6,49153189	-0,170	0,299
CHR4	13861164	CHR4:13861164	SSF x Far_LoA	-10,3777571	0,012	0,309
CHR4	13861399	CHR4:13861399	SSF x Far_LoA	-8,51510585	0,137	0,307
CHR4	13865787	CHR4:13865787	SSF x Far_LoA	-9,24107106	-0,128	0,304
CHR4	13865949	CHR4:13865949	SSF x Far_LoA	-9,94135463	-0,024	0,295
CHR4	13865974	CHR4:13865974	SSF x Far_LoA	-8,94998456	0,051	0,304
CHR4	13866069	CHR4:13866069	SSF x Far_LoA	-8,9149058	-0,036	0,314
CHR4	13869878	CHR4:13869878	SSF x Far_LoA	-8,62553691	0,027	0,315
CHR4	13869959	CHR4:13869959	SSF x Far_LoA	-8,78591897	-0,093	0,300
CHR4	13875831	CHR4:13875831	SSF x Far_LoA	-9,99017128	0,059	0,314
CHR4	13875858	CHR4:13875858	SSF x Far_LoA	-10,5979217	0,034	0,308
CHR4	13875898	CHR4:13875898	SSF x Far_LoA	-11,9229319	0,050	0,294
CHR4	13889998	CHR4:13889998	SSF x Far_LoA	-10,8610266	-0,009	0,314
CHR4	13903244	CHR4:13903244	SSF x Far_LoA	-10,2412789	0,056	0,307

CHR4	13903260	CHR4:13903260	SSF x Far_LoA	-11,7989129	0,099	0,301
CHR4	13903357	CHR4:13903357	SSF x Far_LoA	-8,8677549	-0,012	0,305
CHR4	13903363	CHR4:13903363	SSF x Far_LoA	-9,46742807	-0,030	0,297
CHR4	13903458	CHR4:13903458	SSF x Far_LoA	-8,31937502	-0,134	0,303
CHR4	1391218	CHR4:1391218	SSF x Far_LoA	-11,3421026	-0,011	0,316
CHR4	1391300	CHR4:1391300	SSF x Far_LoA	-7,93394599	0,013	0,302
CHR4	1391389	CHR4:1391389	SSF x Far_LoA	-9,30801299	0,044	0,312
CHR4	13919828	CHR4:13919828	SSF x Far_LoA	-7,87791027	-0,206	0,296
CHR4	13923551	CHR4:13923551	SSF x Far_LoA	-9,84943803	0,103	0,308
CHR4	13923565	CHR4:13923565	SSF x Far_LoA	-7,0934201	0,218	0,299
CHR4	13928856	CHR4:13928856	SSF x Far_LoA	-7,8674646	-0,116	0,305
CHR4	13928867	CHR4:13928867	SSF x Far_LoA	-9,90498803	-0,059	0,316
CHR4	13928918	CHR4:13928918	SSF x Far_LoA	-9,46940257	0,021	0,314
CHR4	13952245	CHR4:13952245	SSF x Far_LoA	-2,99156625	-0,177	0,296
CHR4	13952290	CHR4:13952290	SSF x Far_LoA	-7,02114628	-0,164	0,276
CHR4	13952370	CHR4:13952370	SSF x Far_LoA	-7,52049028	-0,104	0,295
CHR4	13968194	CHR4:13968194	SSF x Far_LoA	-10,3704958	-0,014	0,298
CHR4	13968254	CHR4:13968254	SSF x Far_LoA	-2,76900336	-0,076	0,315
CHR4	13969146	CHR4:13969146	SSF x Far_LoA	-8,57200002	-0,079	0,316
CHR4	13973023	CHR4:13973023	SSF x Far_LoA	-10,5985004	0,062	0,316
CHR4	13973102	CHR4:13973102	SSF x Far_LoA	-9,96827271	0,040	0,312
CHR4	13978458	CHR4:13978458	SSF x Far_LoA	-9,39852772	-0,055	0,311
CHR4	13978509	CHR4:13978509	SSF x Far_LoA	-7,57644526	0,133	0,303
CHR4	13978626	CHR4:13978626	SSF x Far_LoA	-9,41249297	0,009	0,298
CHR4	13982494	CHR4:13982494	SSF x Far_LoA	-10,0188803	0,000	0,311
CHR4	13982702	CHR4:13982702	SSF x Far_LoA	-7,61746475	0,057	0,299
CHR4	13986684	CHR4:13986684	SSF x Far_LoA	-9,98388772	-0,021	0,305
CHR4	13986732	CHR4:13986732	SSF x Far_LoA	-8,73001947	-0,061	0,305
CHR4	13986748	CHR4:13986748	SSF x Far_LoA	-8,65808016	-0,048	0,319
CHR4	13993139	CHR4:13993139	SSF x Far_LoA	-9,61707111	-0,093	0,292
CHR4	13994048	CHR4:13994048	SSF x Far_LoA	-8,76466882	0,046	0,308
CHR4	14001672	CHR4:14001672	SSF x Far_LoA	-5,65031892	-0,001	0,315
CHR4	14003444	CHR4:14003444	SSF x Far_LoA	-7,5837464	0,154	0,295
CHR4	14003501	CHR4:14003501	SSF x Far_LoA	-8,57617667	0,068	0,296
CHR4	14008439	CHR4:14008439	SSF x Far_LoA	-9,18832265	-0,067	0,309
CHR4	14011028	CHR4:14011028	SSF x Far_LoA	-8,90281632	0,040	0,316
CHR4	14011049	CHR4:14011049	SSF x Far_LoA	-8,49431083	-0,024	0,312
CHR4	14013834	CHR4:14013834	SSF x Far_LoA	-11,0155143	0,022	0,307
CHR4	14013973	CHR4:14013973	SSF x Far_LoA	-11,3070989	0,016	0,307
CHR4	14018166	CHR4:14018166	SSF x Far_LoA	-10,642478	-0,107	0,314
CHR4	14018194	CHR4:14018194	SSF x Far_LoA	-9,52428712	0,054	0,324
CHR4	14018203	CHR4:14018203	SSF x Far_LoA	-8,78846766	0,014	0,310
CHR4	14018271	CHR4:14018271	SSF x Far_LoA	-8,32581969	-0,022	0,324
CHR4	14018306	CHR4:14018306	SSF x Far_LoA	-8,41414314	0,027	0,301
CHR4	14018321	CHR4:14018321	SSF x Far_LoA	-9,08272366	-0,016	0,310
CHR4	14018350	CHR4:14018350	SSF x Far_LoA	-9,4100567	0,045	0,310
CHR4	14018361	CHR4:14018361	SSF x Far_LoA	-7,20361016	-0,015	0,325
CHR4	14024213	CHR4:14024213	SSF x Far_LoA	-9,41443606	-0,091	0,298
CHR4	14024220	CHR4:14024220	SSF x Far_LoA	-8,45830601	-0,071	0,312
CHR4	14024258	CHR4:14024258	SSF x Far_LoA	-8,25435221	-0,077	0,310
CHR4	14024346	CHR4:14024346	SSF x Far_LoA	-11,1764809	0,022	0,297
CHR4	14024347	CHR4:14024347	SSF x Far_LoA	-8,76376075	-0,093	0,303
CHR4	14024355	CHR4:14024355	SSF x Far_LoA	-12,1127036	0,087	0,304

CHR4	14025273	CHR4:14025273	SSF x Far_LoA	-11,8456464	-0,069	0,308
CHR4	14034926	CHR4:14034926	SSF x Far_LoA	-10,8507261	-0,023	0,320
CHR4	14035009	CHR4:14035009	SSF x Far_LoA	-10,3653144	-0,026	0,311
CHR4	14035047	CHR4:14035047	SSF x Far_LoA	-10,9795245	0,144	0,292
CHR4	14035058	CHR4:14035058	SSF x Far_LoA	-8,81217488	-0,032	0,309
CHR4	14040253	CHR4:14040253	SSF x Far_LoA	-7,5154469	0,138	0,308
CHR4	14040265	CHR4:14040265	SSF x Far_LoA	-10,3015785	0,142	0,292
CHR4	14040283	CHR4:14040283	SSF x Far_LoA	-8,22302825	0,171	0,300
CHR4	14040285	CHR4:14040285	SSF x Far_LoA	-7,7995112	0,156	0,304
CHR4	14040290	CHR4:14040290	SSF x Far_LoA	-10,4121391	0,133	0,297
CHR4	14040295	CHR4:14040295	SSF x Far_LoA	-7,18670738	0,164	0,300
CHR4	14040300	CHR4:14040300	SSF x Far_LoA	-9,6776144	0,164	0,294
CHR4	14040307	CHR4:14040307	SSF x Far_LoA	-8,7518851	0,190	0,295
CHR4	14040312	CHR4:14040312	SSF x Far_LoA	-9,49509836	0,193	0,290
CHR4	14040322	CHR4:14040322	SSF x Far_LoA	-9,21125344	0,175	0,300
CHR4	14040325	CHR4:14040325	SSF x Far_LoA	-9,80877785	0,153	0,301
CHR4	14040331	CHR4:14040331	SSF x Far_LoA	-8,63058934	0,172	0,298
CHR4	14040332	CHR4:14040332	SSF x Far_LoA	-8,09708451	0,173	0,302
CHR4	14040338	CHR4:14040338	SSF x Far_LoA	-9,37738522	0,172	0,288
CHR4	14040343	CHR4:14040343	SSF x Far_LoA	-9,91406701	0,148	0,294
CHR4	14040346	CHR4:14040346	SSF x Far_LoA	-9,84477598	0,133	0,302
CHR4	14040349	CHR4:14040349	SSF x Far_LoA	-7,91332241	0,207	0,280
CHR4	14040359	CHR4:14040359	SSF x Far_LoA	-9,5420276	0,176	0,291
CHR4	14040360	CHR4:14040360	SSF x Far_LoA	-10,0683791	-0,128	0,310
CHR4	14040362	CHR4:14040362	SSF x Far_LoA	-4,49659162	0,163	0,299
CHR4	14040367	CHR4:14040367	SSF x Far_LoA	-9,11535358	0,155	0,297
CHR4	14040372	CHR4:14040372	SSF x Far_LoA	-3,04029353	0,175	0,298
CHR4	14040373	CHR4:14040373	SSF x Far_LoA	-9,01586102	0,191	0,292
CHR4	14043305	CHR4:14043305	SSF x Far_LoA	-8,59343958	0,182	0,300
CHR4	14043318	CHR4:14043318	SSF x Far_LoA	-6,50927236	0,166	0,316
CHR4	14043352	CHR4:14043352	SSF x Far_LoA	-8,89455964	0,061	0,310
CHR4	14043394	CHR4:14043394	SSF x Far_LoA	-7,48208535	0,195	0,286
CHR4	14043396	CHR4:14043396	SSF x Far_LoA	-11,3283673	-0,028	0,307
CHR4	14060869	CHR4:14060869	SSF x Far_LoA	-9,58672441	0,079	0,306
CHR4	14060883	CHR4:14060883	SSF x Far_LoA	-8,34640261	0,030	0,301
CHR4	14070926	CHR4:14070926	SSF x Far_LoA	-6,37265273	0,180	0,290
CHR4	1407244	CHR4:1407244	SSF x Far_LoA	-9,41479789	0,068	0,303
CHR4	1407273	CHR4:1407273	SSF x Far_LoA	-11,5355649	-0,062	0,304
CHR4	1407306	CHR4:1407306	SSF x Far_LoA	-6,92614395	-0,080	0,321
CHR4	14079403	CHR4:14079403	SSF x Far_LoA	-3,18304258	0,074	0,302
CHR4	14079476	CHR4:14079476	SSF x Far_LoA	-8,44890868	0,077	0,282
CHR4	14079531	CHR4:14079531	SSF x Far_LoA	-9,85842282	-0,072	0,270
CHR4	14079539	CHR4:14079539	SSF x Far_LoA	-7,77918838	0,084	0,298
CHR4	14090622	CHR4:14090622	SSF x Far_LoA	-5,12429109	0,184	0,299
CHR4	14090746	CHR4:14090746	SSF x Far_LoA	-10,1275874	0,034	0,308
CHR4	14090794	CHR4:14090794	SSF x Far_LoA	-10,0026469	0,050	0,293
CHR4	14090856	CHR4:14090856	SSF x Far_LoA	-1,14001778	0,199	0,291
CHR4	14096317	CHR4:14096317	SSF x Far_LoA	-11,3248693	0,041	0,316
CHR4	14096341	CHR4:14096341	SSF x Far_LoA	-10,6893253	0,118	0,295
CHR4	14096383	CHR4:14096383	SSF x Far_LoA	-9,17016743	-0,165	0,293
CHR4	14097392	CHR4:14097392	SSF x Far_LoA	-10,9809357	-0,067	0,298
CHR4	14097418	CHR4:14097418	SSF x Far_LoA	-12,2061967	-0,046	0,287
CHR4	14097454	CHR4:14097454	SSF x Far_LoA	-7,54856142	-0,053	0,289

CHR4	14097462	CHR4:14097462	SSF x Far_LoA	-11,2197787	-0,041	0,290
CHR4	14097476	CHR4:14097476	SSF x Far_LoA	-10,6883331	-0,070	0,302
CHR4	14097487	CHR4:14097487	SSF x Far_LoA	-9,7202982	-0,034	0,298
CHR4	14104804	CHR4:14104804	SSF x Far_LoA	-7,00159554	0,075	0,314
CHR4	14104806	CHR4:14104806	SSF x Far_LoA	-12,0405374	0,016	0,302
CHR4	14104888	CHR4:14104888	SSF x Far_LoA	-11,7833374	0,017	0,306
CHR4	14104906	CHR4:14104906	SSF x Far_LoA	-8,91790289	0,019	0,312
CHR4	14104921	CHR4:14104921	SSF x Far_LoA	-8,44694409	-0,058	0,302
CHR4	14104965	CHR4:14104965	SSF x Far_LoA	-9,20534999	-0,034	0,304
CHR4	14114857	CHR4:14114857	SSF x Far_LoA	-11,2406865	0,049	0,304
CHR4	14115051	CHR4:14115051	SSF x Far_LoA	-10,4127625	-0,002	0,305
CHR4	14133767	CHR4:14133767	SSF x Far_LoA	-8,45828863	-0,020	0,314
CHR4	1414560	CHR4:1414560	SSF x Far_LoA	-11,5152625	-0,039	0,302
CHR4	1414795	CHR4:1414795	SSF x Far_LoA	-8,95473354	-0,119	0,314
CHR4	1414854	CHR4:1414854	SSF x Far_LoA	-8,78469327	0,065	0,304
CHR4	1414886	CHR4:1414886	SSF x Far_LoA	-10,9069532	0,048	0,299
CHR4	14152431	CHR4:14152431	SSF x Far_LoA	-8,45425601	-0,058	0,314
CHR4	14152614	CHR4:14152614	SSF x Far_LoA	-5,82548468	-0,161	0,301
CHR4	14165021	CHR4:14165021	SSF x Far_LoA	-11,4878339	-0,058	0,295
CHR4	14183589	CHR4:14183589	SSF x Far_LoA	-8,30950304	0,077	0,310
CHR4	14193751	CHR4:14193751	SSF x Far_LoA	-8,91598895	-0,071	0,322
CHR4	14193938	CHR4:14193938	SSF x Far_LoA	-2,34845651	0,168	0,285
CHR4	14194001	CHR4:14194001	SSF x Far_LoA	-9,59652546	-0,044	0,301
CHR4	14215825	CHR4:14215825	SSF x Far_LoA	-9,59411878	0,039	0,297
CHR4	14215872	CHR4:14215872	SSF x Far_LoA	-9,70933792	-0,097	0,311
CHR4	14215881	CHR4:14215881	SSF x Far_LoA	-11,7728119	-0,032	0,318
CHR4	14215884	CHR4:14215884	SSF x Far_LoA	-9,2630093	0,020	0,301
CHR4	14215904	CHR4:14215904	SSF x Far_LoA	-8,44418911	0,078	0,301
CHR4	14215952	CHR4:14215952	SSF x Far_LoA	-7,66106552	-0,105	0,306
CHR4	14215961	CHR4:14215961	SSF x Far_LoA	-7,88674146	-0,106	0,293
CHR4	14216004	CHR4:14216004	SSF x Far_LoA	-7,02199421	0,127	0,297
CHR4	14216046	CHR4:14216046	SSF x Far_LoA	-8,7311227	0,059	0,318
CHR4	14216067	CHR4:14216067	SSF x Far_LoA	-11,9832763	0,062	0,295
CHR4	14220646	CHR4:14220646	SSF x Far_LoA	-9,80323549	-0,019	0,296
CHR4	14220665	CHR4:14220665	SSF x Far_LoA	-9,69364486	0,093	0,309
CHR4	14220681	CHR4:14220681	SSF x Far_LoA	-10,0522504	-0,068	0,318
CHR4	14228305	CHR4:14228305	SSF x Far_LoA	-10,9445933	0,124	0,302
CHR4	14228373	CHR4:14228373	SSF x Far_LoA	-7,29120792	0,164	0,299
CHR4	14228435	CHR4:14228435	SSF x Far_LoA	-10,819193	0,000	0,312
CHR4	14228451	CHR4:14228451	SSF x Far_LoA	-9,9317154	0,018	0,316
CHR4	14231903	CHR4:14231903	SSF x Far_LoA	-4,57161214	0,198	0,303
CHR4	14232041	CHR4:14232041	SSF x Far_LoA	-2,18690491	-0,174	0,295
CHR4	14232089	CHR4:14232089	SSF x Far_LoA	-5,40107445	-0,224	0,293
CHR4	14232123	CHR4:14232123	SSF x Far_LoA	-10,1118371	-0,102	0,288
CHR4	14232151	CHR4:14232151	SSF x Far_LoA	-3,25223303	0,065	0,306
CHR4	14232174	CHR4:14232174	SSF x Far_LoA	-9,64996692	0,001	0,300
CHR4	14234379	CHR4:14234379	SSF x Far_LoA	-10,3879041	-0,015	0,303
CHR4	14234400	CHR4:14234400	SSF x Far_LoA	-10,2464809	-0,011	0,300
CHR4	14234500	CHR4:14234500	SSF x Far_LoA	-10,0845527	0,000	0,314
CHR4	14239222	CHR4:14239222	SSF x Far_LoA	-6,7172307	0,126	0,289
CHR4	14239313	CHR4:14239313	SSF x Far_LoA	-11,7960987	0,040	0,303
CHR4	14244429	CHR4:14244429	SSF x Far_LoA	-8,44898368	0,063	0,311
CHR4	14246794	CHR4:14246794	SSF x Far_LoA	0,29124232	0,272	0,284

CHR4	14246808	CHR4:14246808	SSF x Far_LoA	-6,6305502	-0,044	0,306
CHR4	14246838	CHR4:14246838	SSF x Far_LoA	-6,96278108	-0,081	0,303
CHR4	14246994	CHR4:14246994	SSF x Far_LoA	-10,3381847	0,009	0,308
CHR4	14248642	CHR4:14248642	SSF x Far_LoA	-11,0875703	0,056	0,306
CHR4	1425659	CHR4:1425659	SSF x Far_LoA	-7,16586519	-0,058	0,308
CHR4	1425663	CHR4:1425663	SSF x Far_LoA	-10,286975	-0,038	0,305
CHR4	1425695	CHR4:1425695	SSF x Far_LoA	-8,78578299	0,048	0,292
CHR4	1425757	CHR4:1425757	SSF x Far_LoA	-9,50848865	-0,011	0,294
CHR4	1425818	CHR4:1425818	SSF x Far_LoA	-8,76590664	-0,174	0,288
CHR4	1425881	CHR4:1425881	SSF x Far_LoA	-8,94211564	-0,075	0,307
CHR4	14276914	CHR4:14276914	SSF x Far_LoA	-9,60640494	-0,135	0,308
CHR4	14276953	CHR4:14276953	SSF x Far_LoA	-9,15400431	0,107	0,291
CHR4	14279554	CHR4:14279554	SSF x Far_LoA	-8,9382316	0,095	0,292
CHR4	14300905	CHR4:14300905	SSF x Far_LoA	-7,20847635	-0,122	0,305
CHR4	14300945	CHR4:14300945	SSF x Far_LoA	-11,2101237	0,017	0,312
CHR4	14302880	CHR4:14302880	SSF x Far_LoA	-7,64134067	-0,038	0,319
CHR4	14325222	CHR4:14325222	SSF x Far_LoA	-9,89309667	0,093	0,300
CHR4	14329129	CHR4:14329129	SSF x Far_LoA	-10,1158418	-0,006	0,308
CHR4	14333530	CHR4:14333530	SSF x Far_LoA	-5,84971626	-0,032	0,314
CHR4	14338097	CHR4:14338097	SSF x Far_LoA	-7,36717716	0,080	0,308
CHR4	14343681	CHR4:14343681	SSF x Far_LoA	-11,7866052	-0,080	0,315
CHR4	14343811	CHR4:14343811	SSF x Far_LoA	-10,8733358	-0,061	0,315
CHR4	14355137	CHR4:14355137	SSF x Far_LoA	-5,89506381	0,169	0,305
CHR4	14355714	CHR4:14355714	SSF x Far_LoA	-11,2900877	0,031	0,316
CHR4	14369195	CHR4:14369195	SSF x Far_LoA	-8,80013663	0,059	0,315
CHR4	14369321	CHR4:14369321	SSF x Far_LoA	-11,5549214	0,002	0,290
CHR4	14369405	CHR4:14369405	SSF x Far_LoA	-8,20269746	0,068	0,291
CHR4	14374040	CHR4:14374040	SSF x Far_LoA	0,06182192	0,125	0,313
CHR4	14374145	CHR4:14374145	SSF x Far_LoA	-7,73676828	-0,033	0,309
CHR4	14374193	CHR4:14374193	SSF x Far_LoA	-7,59341544	-0,011	0,323
CHR4	14374225	CHR4:14374225	SSF x Far_LoA	-7,1955487	0,116	0,305
CHR4	14374293	CHR4:14374293	SSF x Far_LoA	-11,5099459	-0,055	0,306
CHR4	14378349	CHR4:14378349	SSF x Far_LoA	-6,80337997	0,148	0,285
CHR4	14378461	CHR4:14378461	SSF x Far_LoA	-6,19509813	0,152	0,284
CHR4	14378514	CHR4:14378514	SSF x Far_LoA	-10,1735409	-0,029	0,311
CHR4	14378546	CHR4:14378546	SSF x Far_LoA	-6,57701724	0,158	0,296
CHR4	14397595	CHR4:14397595	SSF x Far_LoA	-9,03714683	-0,051	0,318
CHR4	14397596	CHR4:14397596	SSF x Far_LoA	-6,8116973	-0,129	0,319
CHR4	14397606	CHR4:14397606	SSF x Far_LoA	-7,71709072	0,159	0,301
CHR4	14397649	CHR4:14397649	SSF x Far_LoA	-12,2358035	0,024	0,309
CHR4	14397825	CHR4:14397825	SSF x Far_LoA	-9,05881761	-0,067	0,319
CHR4	14406904	CHR4:14406904	SSF x Far_LoA	-11,0958095	0,025	0,314
CHR4	14406943	CHR4:14406943	SSF x Far_LoA	-7,67950976	-0,114	0,310
CHR4	14407119	CHR4:14407119	SSF x Far_LoA	-7,77108872	0,072	0,298
CHR4	14407138	CHR4:14407138	SSF x Far_LoA	-9,15854909	-0,027	0,306
CHR4	1440724	CHR4:1440724	SSF x Far_LoA	-9,9823288	0,023	0,316
CHR4	1440783	CHR4:1440783	SSF x Far_LoA	-3,79167354	0,265	0,272
CHR4	14415581	CHR4:14415581	SSF x Far_LoA	-6,59520179	0,137	0,289
CHR4	14415641	CHR4:14415641	SSF x Far_LoA	-8,80578964	-0,008	0,313
CHR4	14415654	CHR4:14415654	SSF x Far_LoA	-10,3543053	-0,021	0,324
CHR4	14417265	CHR4:14417265	SSF x Far_LoA	-7,67294685	-0,064	0,314
CHR4	14417277	CHR4:14417277	SSF x Far_LoA	-7,55882021	0,152	0,301
CHR4	14417400	CHR4:14417400	SSF x Far_LoA	-9,90247672	-0,119	0,304

CHR4	14417451	CHR4:14417451	SSF x Far_LoA	-6,73140434	0,160	0,295
CHR4	14425484	CHR4:14425484	SSF x Far_LoA	-11,5839531	-0,050	0,296
CHR4	14425501	CHR4:14425501	SSF x Far_LoA	-12,1362925	-0,015	0,303
CHR4	14425519	CHR4:14425519	SSF x Far_LoA	-9,92989002	0,092	0,294
CHR4	14425611	CHR4:14425611	SSF x Far_LoA	-11,8876714	-0,064	0,303
CHR4	14425652	CHR4:14425652	SSF x Far_LoA	-9,6828079	-0,107	0,306
CHR4	1442671	CHR4:1442671	SSF x Far_LoA	-9,07135928	-0,017	0,296
CHR4	1442707	CHR4:1442707	SSF x Far_LoA	-12,1376974	-0,003	0,308
CHR4	14435554	CHR4:14435554	SSF x Far_LoA	-9,22294606	-0,005	0,310
CHR4	14435586	CHR4:14435586	SSF x Far_LoA	-9,37592824	-0,133	0,310
CHR4	14435610	CHR4:14435610	SSF x Far_LoA	-9,5211204	0,015	0,317
CHR4	14438123	CHR4:14438123	SSF x Far_LoA	-9,89564892	-0,021	0,307
CHR4	1444186	CHR4:1444186	SSF x Far_LoA	-5,96553482	0,118	0,311
CHR4	1444224	CHR4:1444224	SSF x Far_LoA	-7,94229181	0,156	0,296
CHR4	14442972	CHR4:14442972	SSF x Far_LoA	-10,3933872	0,125	0,300
CHR4	14443804	CHR4:14443804	SSF x Far_LoA	-7,97214783	-0,084	0,305
CHR4	14458043	CHR4:14458043	SSF x Far_LoA	-10,0275144	-0,095	0,309
CHR4	14458179	CHR4:14458179	SSF x Far_LoA	-7,34175353	-0,074	0,296
CHR4	1446183	CHR4:1446183	SSF x Far_LoA	-9,94400814	-0,083	0,296
CHR4	1446184	CHR4:1446184	SSF x Far_LoA	-9,47598466	-0,127	0,312
CHR4	1446201	CHR4:1446201	SSF x Far_LoA	-9,9009902	0,002	0,318
CHR4	1446228	CHR4:1446228	SSF x Far_LoA	-5,99596035	0,052	0,311
CHR4	14463983	CHR4:14463983	SSF x Far_LoA	-9,23421352	0,111	0,311
CHR4	14464011	CHR4:14464011	SSF x Far_LoA	-7,61486166	-0,130	0,317
CHR4	14471202	CHR4:14471202	SSF x Far_LoA	-2,7020433	0,061	0,311
CHR4	14471279	CHR4:14471279	SSF x Far_LoA	-9,52434093	0,069	0,298
CHR4	14471358	CHR4:14471358	SSF x Far_LoA	-8,5368106	0,014	0,306
CHR4	14472434	CHR4:14472434	SSF x Far_LoA	-9,24437675	-0,047	0,321
CHR4	14472483	CHR4:14472483	SSF x Far_LoA	-11,2178852	0,006	0,296
CHR4	14473596	CHR4:14473596	SSF x Far_LoA	-10,3137704	-0,034	0,307
CHR4	14473697	CHR4:14473697	SSF x Far_LoA	-8,82656687	-0,022	0,326
CHR4	14475200	CHR4:14475200	SSF x Far_LoA	-9,78974601	-0,013	0,310
CHR4	14475237	CHR4:14475237	SSF x Far_LoA	-7,33033034	0,104	0,308
CHR4	14487159	CHR4:14487159	SSF x Far_LoA	-11,0939736	0,110	0,299
CHR4	14488833	CHR4:14488833	SSF x Far_LoA	-9,51751639	-0,077	0,317
CHR4	1451300	CHR4:1451300	SSF x Far_LoA	-8,80912133	-0,027	0,315
CHR4	1451310	CHR4:1451310	SSF x Far_LoA	-3,67292787	-0,187	0,303
CHR4	14523672	CHR4:14523672	SSF x Far_LoA	-10,1591776	-0,016	0,297
CHR4	14527099	CHR4:14527099	SSF x Far_LoA	-7,15383788	0,136	0,284
CHR4	14527172	CHR4:14527172	SSF x Far_LoA	-9,6151909	-0,072	0,303
CHR4	14533293	CHR4:14533293	SSF x Far_LoA	-9,60591548	-0,005	0,307
CHR4	14533299	CHR4:14533299	SSF x Far_LoA	-9,43727901	0,030	0,303
CHR4	14533371	CHR4:14533371	SSF x Far_LoA	-9,59057419	-0,031	0,308
CHR4	14533372	CHR4:14533372	SSF x Far_LoA	-7,21363794	-0,080	0,296
CHR4	14533381	CHR4:14533381	SSF x Far_LoA	-6,73916195	-0,104	0,306
CHR4	14533389	CHR4:14533389	SSF x Far_LoA	-7,38978932	-0,088	0,306
CHR4	14533482	CHR4:14533482	SSF x Far_LoA	-5,65023686	-0,033	0,307
CHR4	14533517	CHR4:14533517	SSF x Far_LoA	-8,59861728	-0,071	0,302
CHR4	14533523	CHR4:14533523	SSF x Far_LoA	-7,71505937	0,067	0,319
CHR4	14533550	CHR4:14533550	SSF x Far_LoA	-8,43848296	-0,009	0,309
CHR4	14533555	CHR4:14533555	SSF x Far_LoA	-11,3780901	-0,024	0,300
CHR4	14533557	CHR4:14533557	SSF x Far_LoA	-10,9169766	-0,083	0,310
CHR4	14537526	CHR4:14537526	SSF x Far_LoA	-9,38270322	0,018	0,314

CHR4	14537608	CHR4:14537608	SSF x Far_LoA	-12,0236433	0,089	0,298
CHR4	14537648	CHR4:14537648	SSF x Far_LoA	-8,89443347	-0,154	0,295
CHR4	14540545	CHR4:14540545	SSF x Far_LoA	-10,023226	0,079	0,306
CHR4	14540555	CHR4:14540555	SSF x Far_LoA	-5,03493077	0,008	0,320
CHR4	14540573	CHR4:14540573	SSF x Far_LoA	-5,04885651	0,097	0,301
CHR4	14540603	CHR4:14540603	SSF x Far_LoA	-9,46421692	0,091	0,306
CHR4	1456082	CHR4:1456082	SSF x Far_LoA	-8,18857807	-0,018	0,326
CHR4	14560822	CHR4:14560822	SSF x Far_LoA	-9,78941259	0,024	0,317
CHR4	1456151	CHR4:1456151	SSF x Far_LoA	-6,42442698	0,119	0,295
CHR4	1456198	CHR4:1456198	SSF x Far_LoA	-11,1463444	-0,093	0,294
CHR4	1456227	CHR4:1456227	SSF x Far_LoA	-11,7730843	-0,035	0,308
CHR4	14564749	CHR4:14564749	SSF x Far_LoA	-8,15354775	-0,196	0,307
CHR4	14567086	CHR4:14567086	SSF x Far_LoA	-11,3392394	-0,047	0,289
CHR4	14568697	CHR4:14568697	SSF x Far_LoA	-11,1157334	0,051	0,308
CHR4	14570151	CHR4:14570151	SSF x Far_LoA	-8,09405191	-0,054	0,312
CHR4	14573798	CHR4:14573798	SSF x Far_LoA	-9,54429039	-0,038	0,309
CHR4	14573850	CHR4:14573850	SSF x Far_LoA	-9,35795171	0,020	0,310
CHR4	14573907	CHR4:14573907	SSF x Far_LoA	-10,1254999	0,021	0,304
CHR4	14573996	CHR4:14573996	SSF x Far_LoA	-6,78387607	-0,079	0,303
CHR4	14577415	CHR4:14577415	SSF x Far_LoA	-7,78397234	-0,064	0,303
CHR4	14577452	CHR4:14577452	SSF x Far_LoA	-10,9183204	-0,018	0,307
CHR4	14577480	CHR4:14577480	SSF x Far_LoA	-9,64574615	0,098	0,306
CHR4	14577638	CHR4:14577638	SSF x Far_LoA	-9,53285202	0,041	0,308
CHR4	14587853	CHR4:14587853	SSF x Far_LoA	-4,56232029	0,183	0,295
CHR4	14587896	CHR4:14587896	SSF x Far_LoA	-10,0526923	0,128	0,296
CHR4	14587932	CHR4:14587932	SSF x Far_LoA	-7,05260486	0,141	0,292
CHR4	14590195	CHR4:14590195	SSF x Far_LoA	-5,66715093	-0,184	0,300
CHR4	14590240	CHR4:14590240	SSF x Far_LoA	-7,65572465	-0,083	0,314
CHR4	14595221	CHR4:14595221	SSF x Far_LoA	-7,16671833	0,034	0,311
CHR4	14595240	CHR4:14595240	SSF x Far_LoA	-11,7220001	0,028	0,303
CHR4	14597326	CHR4:14597326	SSF x Far_LoA	-8,67752061	-0,058	0,305
CHR4	14597354	CHR4:14597354	SSF x Far_LoA	-10,4250987	0,030	0,307
CHR4	14597370	CHR4:14597370	SSF x Far_LoA	-8,60956448	-0,013	0,309
CHR4	14597385	CHR4:14597385	SSF x Far_LoA	-11,1077954	0,026	0,308
CHR4	14597441	CHR4:14597441	SSF x Far_LoA	-8,00433963	-0,072	0,307
CHR4	14598632	CHR4:14598632	SSF x Far_LoA	-8,96146796	-0,118	0,313
CHR4	1461015	CHR4:1461015	SSF x Far_LoA	-8,04766333	-0,096	0,299
CHR4	1461099	CHR4:1461099	SSF x Far_LoA	-11,8193561	-0,015	0,302
CHR4	1463570	CHR4:1463570	SSF x Far_LoA	-11,5440366	-0,104	0,300
CHR4	1463622	CHR4:1463622	SSF x Far_LoA	-7,90142767	-0,003	0,304
CHR4	14636660	CHR4:14636660	SSF x Far_LoA	-8,9320382	0,094	0,296
CHR4	14636714	CHR4:14636714	SSF x Far_LoA	-9,56869996	0,014	0,304
CHR4	1463672	CHR4:1463672	SSF x Far_LoA	-10,6012194	-0,120	0,308
CHR4	1463691	CHR4:1463691	SSF x Far_LoA	-8,46912913	0,032	0,303
CHR4	14657969	CHR4:14657969	SSF x Far_LoA	-6,94170849	0,151	0,290
CHR4	14658024	CHR4:14658024	SSF x Far_LoA	-9,91063626	-0,060	0,295
CHR4	14658048	CHR4:14658048	SSF x Far_LoA	-10,2292256	0,091	0,313
CHR4	14658145	CHR4:14658145	SSF x Far_LoA	-10,6948507	0,013	0,300
CHR4	14658227	CHR4:14658227	SSF x Far_LoA	-8,24513664	0,074	0,300
CHR4	14671392	CHR4:14671392	SSF x Far_LoA	-7,74007227	-0,187	0,303
CHR4	1467794	CHR4:1467794	SSF x Far_LoA	-8,8219103	-0,134	0,289
CHR4	14679185	CHR4:14679185	SSF x Far_LoA	-10,4899004	0,016	0,317
CHR4	14679221	CHR4:14679221	SSF x Far_LoA	-10,5029117	0,070	0,306

CHR4	1467970	CHR4:1467970	SSF x Far_LoA	-9,53094101	-0,008	0,304
CHR4	14690439	CHR4:14690439	SSF x Far_LoA	-9,22201479	-0,151	0,297
CHR4	14692564	CHR4:14692564	SSF x Far_LoA	-9,95803719	0,016	0,296
CHR4	14699823	CHR4:14699823	SSF x Far_LoA	-11,128865	0,047	0,306
CHR4	14699898	CHR4:14699898	SSF x Far_LoA	-10,9961097	0,056	0,306
CHR4	14705098	CHR4:14705098	SSF x Far_LoA	-10,9972293	-0,068	0,320
CHR4	14707939	CHR4:14707939	SSF x Far_LoA	-11,0070974	0,019	0,311
CHR4	14723392	CHR4:14723392	SSF x Far_LoA	-7,17616416	0,148	0,308
CHR4	14729411	CHR4:14729411	SSF x Far_LoA	-8,44003496	-0,053	0,303
CHR4	14729442	CHR4:14729442	SSF x Far_LoA	-10,332266	0,109	0,291
CHR4	14732860	CHR4:14732860	SSF x Far_LoA	-9,98146194	0,023	0,314
CHR4	14732865	CHR4:14732865	SSF x Far_LoA	-8,84766159	-0,062	0,305
CHR4	14732902	CHR4:14732902	SSF x Far_LoA	-9,42578444	-0,117	0,300
CHR4	14732940	CHR4:14732940	SSF x Far_LoA	-10,934024	-0,022	0,300
CHR4	14733621	CHR4:14733621	SSF x Far_LoA	-9,42879338	-0,124	0,302
CHR4	14740399	CHR4:14740399	SSF x Far_LoA	-11,6113245	0,031	0,304
CHR4	14740401	CHR4:14740401	SSF x Far_LoA	-11,0850513	0,025	0,322
CHR4	14740422	CHR4:14740422	SSF x Far_LoA	-9,78314386	-0,107	0,304
CHR4	14740438	CHR4:14740438	SSF x Far_LoA	-9,10639774	-0,085	0,300
CHR4	14740487	CHR4:14740487	SSF x Far_LoA	-3,91113197	0,291	0,275
CHR4	14740526	CHR4:14740526	SSF x Far_LoA	-10,5695447	0,036	0,306
CHR4	14740530	CHR4:14740530	SSF x Far_LoA	-6,00802506	0,256	0,289
CHR4	14740599	CHR4:14740599	SSF x Far_LoA	-7,80330506	-0,168	0,298
CHR4	14740631	CHR4:14740631	SSF x Far_LoA	-9,64702768	0,097	0,304
CHR4	14742345	CHR4:14742345	SSF x Far_LoA	-9,21789327	0,086	0,302
CHR4	14742350	CHR4:14742350	SSF x Far_LoA	-7,83751884	0,062	0,301
CHR4	14764101	CHR4:14764101	SSF x Far_LoA	-7,6945485	0,051	0,301
CHR4	1476507	CHR4:1476507	SSF x Far_LoA	-9,4971328	0,030	0,305
CHR4	1476520	CHR4:1476520	SSF x Far_LoA	-9,89009841	0,031	0,323
CHR4	1476583	CHR4:1476583	SSF x Far_LoA	-8,60002955	0,020	0,304
CHR4	14766162	CHR4:14766162	SSF x Far_LoA	-9,7112681	-0,059	0,297
CHR4	14766163	CHR4:14766163	SSF x Far_LoA	-9,93629503	-0,044	0,312
CHR4	1476624	CHR4:1476624	SSF x Far_LoA	-10,2905314	0,042	0,313
CHR4	1476630	CHR4:1476630	SSF x Far_LoA	-12,3239815	0,053	0,294
CHR4	1476681	CHR4:1476681	SSF x Far_LoA	-7,89685328	-0,153	0,297
CHR4	1476693	CHR4:1476693	SSF x Far_LoA	-9,23870059	0,019	0,311
CHR4	1476707	CHR4:1476707	SSF x Far_LoA	-7,53401492	-0,016	0,316
CHR4	1476714	CHR4:1476714	SSF x Far_LoA	-7,19692718	0,108	0,309
CHR4	14773431	CHR4:14773431	SSF x Far_LoA	-5,17121638	0,070	0,322
CHR4	14775899	CHR4:14775899	SSF x Far_LoA	-8,49028909	-0,039	0,314
CHR4	14780941	CHR4:14780941	SSF x Far_LoA	-4,37067064	-0,131	0,298
CHR4	14798932	CHR4:14798932	SSF x Far_LoA	-10,5721511	0,007	0,309
CHR4	14798945	CHR4:14798945	SSF x Far_LoA	-10,2150198	-0,075	0,309
CHR4	14799003	CHR4:14799003	SSF x Far_LoA	-10,8313069	0,064	0,293
CHR4	14799007	CHR4:14799007	SSF x Far_LoA	-9,79569103	-0,035	0,322
CHR4	14808432	CHR4:14808432	SSF x Far_LoA	-9,13321305	0,002	0,302
CHR4	14808466	CHR4:14808466	SSF x Far_LoA	-9,41982913	-0,076	0,306
CHR4	14808537	CHR4:14808537	SSF x Far_LoA	-5,73642951	0,075	0,310
CHR4	14810167	CHR4:14810167	SSF x Far_LoA	-5,32601687	-0,005	0,305
CHR4	14810228	CHR4:14810228	SSF x Far_LoA	-8,09886546	-0,086	0,313
CHR4	14813518	CHR4:14813518	SSF x Far_LoA	-10,8958126	0,070	0,301
CHR4	14813557	CHR4:14813557	SSF x Far_LoA	-10,4430968	0,078	0,306
CHR4	14813559	CHR4:14813559	SSF x Far_LoA	-9,36844837	-0,050	0,314

CHR4	14813620	CHR4:14813620	SSF x Far_LoA	-10,2987835	-0,045	0,298
CHR4	14814832	CHR4:14814832	SSF x Far_LoA	-10,1638357	-0,016	0,315
CHR4	14814834	CHR4:14814834	SSF x Far_LoA	-9,55181123	-0,047	0,298
CHR4	14827068	CHR4:14827068	SSF x Far_LoA	-5,94951771	-0,014	0,308
CHR4	14827154	CHR4:14827154	SSF x Far_LoA	-7,53408581	-0,059	0,304
CHR4	14827202	CHR4:14827202	SSF x Far_LoA	-12,4173416	0,056	0,292
CHR4	14834998	CHR4:14834998	SSF x Far_LoA	-10,4825355	0,044	0,304
CHR4	14835015	CHR4:14835015	SSF x Far_LoA	-9,50088294	0,082	0,302
CHR4	14835143	CHR4:14835143	SSF x Far_LoA	-9,4293347	0,031	0,305
CHR4	14840927	CHR4:14840927	SSF x Far_LoA	-9,34073651	0,013	0,306
CHR4	14841034	CHR4:14841034	SSF x Far_LoA	-8,86657423	0,058	0,309
CHR4	14846356	CHR4:14846356	SSF x Far_LoA	-11,5339733	-0,013	0,284
CHR4	14847009	CHR4:14847009	SSF x Far_LoA	-9,9541911	-0,051	0,317
CHR4	14847037	CHR4:14847037	SSF x Far_LoA	-10,9483334	0,032	0,318
CHR4	14847056	CHR4:14847056	SSF x Far_LoA	-9,34464023	-0,110	0,296
CHR4	14847057	CHR4:14847057	SSF x Far_LoA	-9,45621716	-0,111	0,292
CHR4	14853722	CHR4:14853722	SSF x Far_LoA	-10,243122	0,016	0,312
CHR4	14853756	CHR4:14853756	SSF x Far_LoA	-10,7312688	-0,019	0,307
CHR4	14853887	CHR4:14853887	SSF x Far_LoA	-9,40900338	0,075	0,301
CHR4	14853907	CHR4:14853907	SSF x Far_LoA	-8,10691948	-0,129	0,309
CHR4	14853941	CHR4:14853941	SSF x Far_LoA	-9,51980617	0,012	0,308
CHR4	14860312	CHR4:14860312	SSF x Far_LoA	-11,0205978	-0,052	0,300
CHR4	14860346	CHR4:14860346	SSF x Far_LoA	-8,27101481	-0,044	0,306
CHR4	14860358	CHR4:14860358	SSF x Far_LoA	-9,51973006	0,025	0,296
CHR4	14860373	CHR4:14860373	SSF x Far_LoA	-10,4726191	-0,137	0,293
CHR4	14860448	CHR4:14860448	SSF x Far_LoA	-11,3634776	-0,063	0,304
CHR4	14860455	CHR4:14860455	SSF x Far_LoA	-11,5017756	0,010	0,311
CHR4	14860541	CHR4:14860541	SSF x Far_LoA	-7,86607324	-0,138	0,286
CHR4	14862728	CHR4:14862728	SSF x Far_LoA	-8,23782178	0,020	0,317
CHR4	14862771	CHR4:14862771	SSF x Far_LoA	-10,625989	-0,055	0,314
CHR4	14862774	CHR4:14862774	SSF x Far_LoA	-10,6051029	-0,015	0,306
CHR4	14862775	CHR4:14862775	SSF x Far_LoA	-5,90395806	0,147	0,308
CHR4	14865809	CHR4:14865809	SSF x Far_LoA	-9,69946821	0,062	0,312
CHR4	14865927	CHR4:14865927	SSF x Far_LoA	-9,28507962	-0,007	0,307
CHR4	14865933	CHR4:14865933	SSF x Far_LoA	-9,98597937	-0,073	0,314
CHR4	14865939	CHR4:14865939	SSF x Far_LoA	-11,1444432	-0,088	0,285
CHR4	14866027	CHR4:14866027	SSF x Far_LoA	-10,3463917	-0,016	0,317
CHR4	14880898	CHR4:14880898	SSF x Far_LoA	-8,27003214	0,125	0,289
CHR4	14881817	CHR4:14881817	SSF x Far_LoA	-8,73673616	0,139	0,301
CHR4	14881819	CHR4:14881819	SSF x Far_LoA	-9,79752216	0,008	0,303
CHR4	14881881	CHR4:14881881	SSF x Far_LoA	-8,79510067	0,004	0,303
CHR4	14881913	CHR4:14881913	SSF x Far_LoA	-8,57139428	-0,035	0,312
CHR4	14886998	CHR4:14886998	SSF x Far_LoA	-2,2375839	0,236	0,293
CHR4	14887012	CHR4:14887012	SSF x Far_LoA	-8,40850011	-0,066	0,312
CHR4	14892084	CHR4:14892084	SSF x Far_LoA	-9,40656464	0,125	0,321
CHR4	14899140	CHR4:14899140	SSF x Far_LoA	-7,72522545	-0,068	0,302
CHR4	14900699	CHR4:14900699	SSF x Far_LoA	-10,7643737	0,048	0,288
CHR4	14900747	CHR4:14900747	SSF x Far_LoA	-8,40642698	-0,076	0,311
CHR4	14900798	CHR4:14900798	SSF x Far_LoA	-9,73197228	-0,027	0,299
CHR4	14910107	CHR4:14910107	SSF x Far_LoA	-6,23221731	0,157	0,297
CHR4	14916931	CHR4:14916931	SSF x Far_LoA	-11,4051277	-0,028	0,312
CHR4	14918854	CHR4:14918854	SSF x Far_LoA	-9,339096	0,013	0,299
CHR4	14919042	CHR4:14919042	SSF x Far_LoA	-7,20622072	-0,108	0,306

CHR4	14944422	CHR4:14944422	SSF x Far_LoA	-6,32767627	-0,081	0,312
CHR4	14956528	CHR4:14956528	SSF x Far_LoA	-9,02018555	-0,010	0,304
CHR4	14959287	CHR4:14959287	SSF x Far_LoA	-9,98569823	0,072	0,315
CHR4	14959294	CHR4:14959294	SSF x Far_LoA	-10,8219142	-0,035	0,311
CHR4	14959321	CHR4:14959321	SSF x Far_LoA	-10,2605914	0,035	0,307
CHR4	14959323	CHR4:14959323	SSF x Far_LoA	-10,846266	-0,061	0,296
CHR4	14962084	CHR4:14962084	SSF x Far_LoA	-9,13099356	0,006	0,311
CHR4	14962085	CHR4:14962085	SSF x Far_LoA	-10,0300612	0,002	0,305
CHR4	14962098	CHR4:14962098	SSF x Far_LoA	-8,50676912	-0,024	0,318
CHR4	14962101	CHR4:14962101	SSF x Far_LoA	-9,35697419	-0,007	0,308
CHR4	14962130	CHR4:14962130	SSF x Far_LoA	-9,49701082	0,006	0,304
CHR4	14962131	CHR4:14962131	SSF x Far_LoA	-10,0438282	-0,007	0,315
CHR4	14962217	CHR4:14962217	SSF x Far_LoA	-9,18963798	0,050	0,299
CHR4	14965561	CHR4:14965561	SSF x Far_LoA	-9,66586036	0,025	0,315
CHR4	14966999	CHR4:14966999	SSF x Far_LoA	-6,89735141	-0,056	0,313
CHR4	14967054	CHR4:14967054	SSF x Far_LoA	-11,8337123	0,063	0,297
CHR4	14967062	CHR4:14967062	SSF x Far_LoA	-8,85904991	0,020	0,314
CHR4	14967139	CHR4:14967139	SSF x Far_LoA	-8,19752979	-0,101	0,318
CHR4	14967144	CHR4:14967144	SSF x Far_LoA	-9,33219574	-0,072	0,306
CHR4	14967169	CHR4:14967169	SSF x Far_LoA	-10,0367348	-0,065	0,293
CHR4	14967185	CHR4:14967185	SSF x Far_LoA	-5,95251794	0,057	0,321
CHR4	14967192	CHR4:14967192	SSF x Far_LoA	-5,62253667	-0,143	0,294
CHR4	14967196	CHR4:14967196	SSF x Far_LoA	-8,80105489	-0,110	0,297
CHR4	14967197	CHR4:14967197	SSF x Far_LoA	-8,07382176	-0,126	0,297
CHR4	14967203	CHR4:14967203	SSF x Far_LoA	-8,15159658	-0,134	0,310
CHR4	14967204	CHR4:14967204	SSF x Far_LoA	-7,10998296	-0,122	0,299
CHR4	14967229	CHR4:14967229	SSF x Far_LoA	-7,70102952	-0,161	0,289
CHR4	14973812	CHR4:14973812	SSF x Far_LoA	-6,46402962	-0,157	0,299
CHR4	14985774	CHR4:14985774	SSF x Far_LoA	-8,75516795	-0,013	0,311
CHR4	14985810	CHR4:14985810	SSF x Far_LoA	-8,64529644	-0,007	0,310
CHR4	14985812	CHR4:14985812	SSF x Far_LoA	-8,10836523	0,003	0,306
CHR4	14987590	CHR4:14987590	SSF x Far_LoA	-7,3762771	-0,158	0,301
CHR4	15004984	CHR4:15004984	SSF x Far_LoA	-8,93113771	0,081	0,307
CHR4	15005000	CHR4:15005000	SSF x Far_LoA	-11,9668717	-0,026	0,287
CHR4	15005046	CHR4:15005046	SSF x Far_LoA	-11,6945031	-0,078	0,289
CHR4	15005059	CHR4:15005059	SSF x Far_LoA	-10,1148298	-0,062	0,313
CHR4	15005111	CHR4:15005111	SSF x Far_LoA	-9,67435322	0,092	0,319
CHR4	15005303	CHR4:15005303	SSF x Far_LoA	-10,2853934	-0,057	0,304
CHR4	15012445	CHR4:15012445	SSF x Far_LoA	-10,1721997	-0,040	0,309
CHR4	15012469	CHR4:15012469	SSF x Far_LoA	-9,25473834	0,044	0,297
CHR4	15012471	CHR4:15012471	SSF x Far_LoA	-9,05055264	0,048	0,295
CHR4	15012478	CHR4:15012478	SSF x Far_LoA	-7,38264319	-0,004	0,304
CHR4	15012481	CHR4:15012481	SSF x Far_LoA	-8,80414515	0,080	0,299
CHR4	15012489	CHR4:15012489	SSF x Far_LoA	-6,35488541	0,021	0,321
CHR4	15012503	CHR4:15012503	SSF x Far_LoA	-9,5560957	0,025	0,316
CHR4	15012504	CHR4:15012504	SSF x Far_LoA	-9,23424642	0,029	0,316
CHR4	15018285	CHR4:15018285	SSF x Far_LoA	-10,3952536	-0,018	0,299
CHR4	15018302	CHR4:15018302	SSF x Far_LoA	-9,18168869	-0,046	0,305
CHR4	15018415	CHR4:15018415	SSF x Far_LoA	-9,75281755	-0,099	0,304
CHR4	15025570	CHR4:15025570	SSF x Far_LoA	-7,42603769	0,174	0,295
CHR4	15025572	CHR4:15025572	SSF x Far_LoA	-10,8583145	-0,071	0,305
CHR4	15025576	CHR4:15025576	SSF x Far_LoA	-8,44045132	0,016	0,308
CHR4	15034725	CHR4:15034725	SSF x Far_LoA	-8,94312363	-0,046	0,302

CHR4	15034739	CHR4:15034739	SSF x Far_LoA	-9,77003782	-0,028	0,298
CHR4	15034745	CHR4:15034745	SSF x Far_LoA	-8,83947399	0,022	0,299
CHR4	15034754	CHR4:15034754	SSF x Far_LoA	-7,22399068	0,034	0,308
CHR4	15034809	CHR4:15034809	SSF x Far_LoA	-10,5519403	-0,043	0,301
CHR4	15040831	CHR4:15040831	SSF x Far_LoA	-9,04283071	0,023	0,304
CHR4	15040916	CHR4:15040916	SSF x Far_LoA	-8,88374801	0,062	0,300
CHR4	15062989	CHR4:15062989	SSF x Far_LoA	-11,1740311	0,080	0,302
CHR4	15062993	CHR4:15062993	SSF x Far_LoA	-10,4795005	-0,009	0,312
CHR4	15063038	CHR4:15063038	SSF x Far_LoA	-9,46520449	-0,059	0,299
CHR4	15063057	CHR4:15063057	SSF x Far_LoA	-9,50650376	-0,059	0,323
CHR4	15063157	CHR4:15063157	SSF x Far_LoA	-9,64666388	0,115	0,317
CHR4	15063209	CHR4:15063209	SSF x Far_LoA	-10,4749642	-0,030	0,310
CHR4	15063220	CHR4:15063220	SSF x Far_LoA	-3,19721797	0,002	0,308
CHR4	1507444	CHR4:1507444	SSF x Far_LoA	-11,2098735	-0,025	0,315
CHR4	15079185	CHR4:15079185	SSF x Far_LoA	-7,70140424	-0,134	0,306
CHR4	15079342	CHR4:15079342	SSF x Far_LoA	-8,79779575	-0,068	0,317
CHR4	15091990	CHR4:15091990	SSF x Far_LoA	-8,0005053	0,156	0,306
CHR4	15091991	CHR4:15091991	SSF x Far_LoA	-9,63951758	0,128	0,307
CHR4	15092077	CHR4:15092077	SSF x Far_LoA	-9,20565351	0,125	0,298
CHR4	15097024	CHR4:15097024	SSF x Far_LoA	-8,82485412	-0,006	0,310
CHR4	15103816	CHR4:15103816	SSF x Far_LoA	-8,67441048	-0,028	0,289
CHR4	15103860	CHR4:15103860	SSF x Far_LoA	-10,5750807	0,040	0,311
CHR4	15127777	CHR4:15127777	SSF x Far_LoA	-9,86415171	0,007	0,295
CHR4	15127808	CHR4:15127808	SSF x Far_LoA	-9,58581177	-0,003	0,307
CHR4	15143812	CHR4:15143812	SSF x Far_LoA	-8,39936651	0,063	0,302
CHR4	15143850	CHR4:15143850	SSF x Far_LoA	-10,5726765	-0,019	0,308
CHR4	15143859	CHR4:15143859	SSF x Far_LoA	-8,8869842	-0,123	0,306
CHR4	15143889	CHR4:15143889	SSF x Far_LoA	-8,68286864	0,067	0,298
CHR4	15143942	CHR4:15143942	SSF x Far_LoA	-3,86909637	0,094	0,309
CHR4	15146152	CHR4:15146152	SSF x Far_LoA	-8,66486357	-0,056	0,313
CHR4	15148521	CHR4:15148521	SSF x Far_LoA	-4,64911456	-0,091	0,310
CHR4	15148558	CHR4:15148558	SSF x Far_LoA	-7,32915912	0,069	0,309
CHR4	15148606	CHR4:15148606	SSF x Far_LoA	-11,9226363	-0,043	0,306
CHR4	15148705	CHR4:15148705	SSF x Far_LoA	-10,8910205	0,006	0,289
CHR4	15154261	CHR4:15154261	SSF x Far_LoA	-11,4022386	0,002	0,287
CHR4	15154314	CHR4:15154314	SSF x Far_LoA	-8,68998406	-0,100	0,302
CHR4	15154388	CHR4:15154388	SSF x Far_LoA	-10,4004028	0,071	0,309
CHR4	15154455	CHR4:15154455	SSF x Far_LoA	-9,83914403	0,017	0,306
CHR4	15171280	CHR4:15171280	SSF x Far_LoA	-7,76622057	-0,064	0,309
CHR4	15171306	CHR4:15171306	SSF x Far_LoA	-8,09481569	-0,067	0,297
CHR4	15190246	CHR4:15190246	SSF x Far_LoA	-10,7585129	-0,038	0,303
CHR4	15191490	CHR4:15191490	SSF x Far_LoA	-9,75512089	-0,033	0,317
CHR4	15191520	CHR4:15191520	SSF x Far_LoA	-7,55543018	-0,055	0,317
CHR4	15191546	CHR4:15191546	SSF x Far_LoA	-8,75528236	-0,096	0,312
CHR4	15208892	CHR4:15208892	SSF x Far_LoA	-9,71028823	-0,118	0,315
CHR4	15208924	CHR4:15208924	SSF x Far_LoA	-9,06257352	0,024	0,308
CHR4	15209014	CHR4:15209014	SSF x Far_LoA	-10,381956	-0,018	0,319
CHR4	15219055	CHR4:15219055	SSF x Far_LoA	-3,45059444	0,003	0,301
CHR4	15219073	CHR4:15219073	SSF x Far_LoA	-8,3842331	0,054	0,322
CHR4	15219106	CHR4:15219106	SSF x Far_LoA	-7,22027292	-0,041	0,311
CHR4	15219137	CHR4:15219137	SSF x Far_LoA	-8,20423275	-0,061	0,312
CHR4	15219237	CHR4:15219237	SSF x Far_LoA	-9,93682816	-0,006	0,313
CHR4	15219262	CHR4:15219262	SSF x Far_LoA	-7,12171169	0,136	0,308

CHR4	15219268	CHR4:15219268	SSF x Far_LoA	-6,35986702	0,118	0,304
CHR4	15219296	CHR4:15219296	SSF x Far_LoA	-9,71127629	0,087	0,302
CHR4	15225960	CHR4:15225960	SSF x Far_LoA	-10,9987004	0,063	0,299
CHR4	15233113	CHR4:15233113	SSF x Far_LoA	-6,1708236	-0,176	0,293
CHR4	15233146	CHR4:15233146	SSF x Far_LoA	-7,10952561	0,080	0,315
CHR4	15237035	CHR4:15237035	SSF x Far_LoA	-6,45399135	0,114	0,311
CHR4	15261248	CHR4:15261248	SSF x Far_LoA	-6,03732482	0,124	0,298
CHR4	15261303	CHR4:15261303	SSF x Far_LoA	-9,737435	0,020	0,297
CHR4	15263029	CHR4:15263029	SSF x Far_LoA	-9,64576545	-0,052	0,318
CHR4	15282399	CHR4:15282399	SSF x Far_LoA	-9,10351157	0,125	0,305
CHR4	15283827	CHR4:15283827	SSF x Far_LoA	-10,8137314	0,029	0,306
CHR4	153037	CHR4:153037	SSF x Far_LoA	-10,8615649	0,068	0,303
CHR4	15303768	CHR4:15303768	SSF x Far_LoA	-8,85920558	-0,144	0,296
CHR4	15304005	CHR4:15304005	SSF x Far_LoA	-10,8558208	-0,075	0,316
CHR4	15307322	CHR4:15307322	SSF x Far_LoA	-10,0119899	-0,021	0,307
CHR4	15307390	CHR4:15307390	SSF x Far_LoA	-7,45467585	0,048	0,317
CHR4	15308283	CHR4:15308283	SSF x Far_LoA	-10,0972103	0,085	0,305
CHR4	15308381	CHR4:15308381	SSF x Far_LoA	-9,74308798	0,033	0,310
CHR4	15308394	CHR4:15308394	SSF x Far_LoA	-10,2537615	0,069	0,317
CHR4	15308432	CHR4:15308432	SSF x Far_LoA	-8,75994776	0,035	0,317
CHR4	15308481	CHR4:15308481	SSF x Far_LoA	-10,4638048	-0,019	0,308
CHR4	15313306	CHR4:15313306	SSF x Far_LoA	-10,505674	-0,019	0,303
CHR4	15313322	CHR4:15313322	SSF x Far_LoA	-11,5247658	0,016	0,301
CHR4	15313390	CHR4:15313390	SSF x Far_LoA	-9,35627124	-0,027	0,303
CHR4	15313391	CHR4:15313391	SSF x Far_LoA	-10,2771398	-0,034	0,306
CHR4	15313430	CHR4:15313430	SSF x Far_LoA	-11,0325604	-0,020	0,305
CHR4	15316257	CHR4:15316257	SSF x Far_LoA	-10,7259665	-0,034	0,318
CHR4	15316364	CHR4:15316364	SSF x Far_LoA	-9,25333242	-0,057	0,307
CHR4	15321515	CHR4:15321515	SSF x Far_LoA	-11,0003859	-0,079	0,313
CHR4	15327982	CHR4:15327982	SSF x Far_LoA	-9,87302011	-0,024	0,313
CHR4	15334886	CHR4:15334886	SSF x Far_LoA	-9,1733171	-0,128	0,297
CHR4	15346350	CHR4:15346350	SSF x Far_LoA	-8,6407416	0,041	0,313
CHR4	15373269	CHR4:15373269	SSF x Far_LoA	-8,34387333	-0,049	0,314
CHR4	15373356	CHR4:15373356	SSF x Far_LoA	-10,4591019	-0,020	0,314
CHR4	15373364	CHR4:15373364	SSF x Far_LoA	-8,09221939	-0,064	0,302
CHR4	15373384	CHR4:15373384	SSF x Far_LoA	-8,43991747	-0,034	0,311
CHR4	15373385	CHR4:15373385	SSF x Far_LoA	-10,9815002	-0,003	0,304
CHR4	15393840	CHR4:15393840	SSF x Far_LoA	-11,4712433	0,058	0,312
CHR4	15393912	CHR4:15393912	SSF x Far_LoA	-9,77135701	-0,106	0,303
CHR4	15404989	CHR4:15404989	SSF x Far_LoA	-10,8677635	0,046	0,317
CHR4	15416323	CHR4:15416323	SSF x Far_LoA	-11,2201907	-0,037	0,312
CHR4	15417981	CHR4:15417981	SSF x Far_LoA	-8,9695937	-0,118	0,299
CHR4	15446043	CHR4:15446043	SSF x Far_LoA	-11,710511	0,040	0,298
CHR4	15449581	CHR4:15449581	SSF x Far_LoA	-11,0264081	0,000	0,312
CHR4	15455514	CHR4:15455514	SSF x Far_LoA	-7,13549286	-0,029	0,303
CHR4	15455575	CHR4:15455575	SSF x Far_LoA	-9,21784973	0,095	0,297
CHR4	15455577	CHR4:15455577	SSF x Far_LoA	-8,47291604	-0,057	0,325
CHR4	15455630	CHR4:15455630	SSF x Far_LoA	-10,1179768	0,080	0,316
CHR4	15461219	CHR4:15461219	SSF x Far_LoA	-6,66422907	-0,082	0,300
CHR4	15461366	CHR4:15461366	SSF x Far_LoA	-10,4524308	0,027	0,317
CHR4	15467607	CHR4:15467607	SSF x Far_LoA	-8,5367334	0,006	0,313
CHR4	1546976	CHR4:1546976	SSF x Far_LoA	-8,72191434	-0,093	0,294
CHR4	1547012	CHR4:1547012	SSF x Far_LoA	-10,7513958	-0,053	0,301

CHR4	1547021	CHR4:1547021	SSF x Far_LoA	-9,41185748	-0,035	0,301
CHR4	15472451	CHR4:15472451	SSF x Far_LoA	-10,9599285	-0,021	0,315
CHR4	15472563	CHR4:15472563	SSF x Far_LoA	-9,54161878	-0,003	0,311
CHR4	15472571	CHR4:15472571	SSF x Far_LoA	-9,87493952	-0,043	0,299
CHR4	15472634	CHR4:15472634	SSF x Far_LoA	-7,54156165	0,101	0,306
CHR4	15476530	CHR4:15476530	SSF x Far_LoA	-9,14155153	0,018	0,287
CHR4	15476591	CHR4:15476591	SSF x Far_LoA	-8,49837299	-0,018	0,310
CHR4	15489906	CHR4:15489906	SSF x Far_LoA	-4,56772532	-0,105	0,305
CHR4	15497422	CHR4:15497422	SSF x Far_LoA	-6,78212006	0,058	0,311
CHR4	15497442	CHR4:15497442	SSF x Far_LoA	-8,83625798	-0,058	0,315
CHR4	15497492	CHR4:15497492	SSF x Far_LoA	-9,99106186	-0,084	0,308
CHR4	15500065	CHR4:15500065	SSF x Far_LoA	-8,52257859	-0,146	0,318
CHR4	15503653	CHR4:15503653	SSF x Far_LoA	-10,8593374	-0,059	0,303
CHR4	15506194	CHR4:15506194	SSF x Far_LoA	-8,81200274	-0,008	0,292
CHR4	15506300	CHR4:15506300	SSF x Far_LoA	-7,88752063	-0,064	0,309
CHR4	15511236	CHR4:15511236	SSF x Far_LoA	-10,5757382	-0,026	0,305
CHR4	15518594	CHR4:15518594	SSF x Far_LoA	-8,07551403	0,118	0,320
CHR4	15518650	CHR4:15518650	SSF x Far_LoA	-8,98351052	0,089	0,318
CHR4	15518684	CHR4:15518684	SSF x Far_LoA	-8,72410772	0,114	0,313
CHR4	15518695	CHR4:15518695	SSF x Far_LoA	-7,21120792	0,037	0,309
CHR4	15518724	CHR4:15518724	SSF x Far_LoA	-8,30639346	0,165	0,295
CHR4	15521638	CHR4:15521638	SSF x Far_LoA	-8,04741927	-0,031	0,304
CHR4	15521657	CHR4:15521657	SSF x Far_LoA	-7,76128203	-0,041	0,314
CHR4	15521684	CHR4:15521684	SSF x Far_LoA	-10,3307392	0,004	0,314
CHR4	15521721	CHR4:15521721	SSF x Far_LoA	-7,43962146	0,073	0,309
CHR4	15529129	CHR4:15529129	SSF x Far_LoA	-11,2277703	-0,065	0,303
CHR4	15529143	CHR4:15529143	SSF x Far_LoA	-11,5841449	0,001	0,289
CHR4	15529159	CHR4:15529159	SSF x Far_LoA	-8,21074874	-0,051	0,312
CHR4	15529233	CHR4:15529233	SSF x Far_LoA	-6,69632365	-0,087	0,318
CHR4	15529271	CHR4:15529271	SSF x Far_LoA	-12,4199174	0,014	0,306
CHR4	15529304	CHR4:15529304	SSF x Far_LoA	-9,91767398	-0,078	0,311
CHR4	15529328	CHR4:15529328	SSF x Far_LoA	-9,56234066	-0,099	0,296
CHR4	15540571	CHR4:15540571	SSF x Far_LoA	-8,69852953	-0,038	0,315
CHR4	15540600	CHR4:15540600	SSF x Far_LoA	-8,14204979	-0,026	0,308
CHR4	15542262	CHR4:15542262	SSF x Far_LoA	-9,52381752	0,027	0,309
CHR4	15542386	CHR4:15542386	SSF x Far_LoA	-10,9425672	0,096	0,303
CHR4	15542512	CHR4:15542512	SSF x Far_LoA	-8,39103589	-0,159	0,308
CHR4	15544052	CHR4:15544052	SSF x Far_LoA	-8,6821961	-0,029	0,283
CHR4	15544073	CHR4:15544073	SSF x Far_LoA	-9,32177633	-0,030	0,311
CHR4	15544076	CHR4:15544076	SSF x Far_LoA	-10,0558585	-0,052	0,305
CHR4	15544101	CHR4:15544101	SSF x Far_LoA	-9,83498224	-0,002	0,305
CHR4	15544179	CHR4:15544179	SSF x Far_LoA	-9,62346543	0,038	0,321
CHR4	15544264	CHR4:15544264	SSF x Far_LoA	-7,49406468	0,088	0,307
CHR4	15544265	CHR4:15544265	SSF x Far_LoA	-8,6236196	0,104	0,286
CHR4	15544279	CHR4:15544279	SSF x Far_LoA	-5,79092774	0,095	0,311
CHR4	15544290	CHR4:15544290	SSF x Far_LoA	-2,3075888	0,107	0,295
CHR4	15563118	CHR4:15563118	SSF x Far_LoA	-7,54917459	0,036	0,306
CHR4	15563151	CHR4:15563151	SSF x Far_LoA	-8,94195926	-0,027	0,309
CHR4	15564429	CHR4:15564429	SSF x Far_LoA	-7,34027405	-0,074	0,321
CHR4	15564439	CHR4:15564439	SSF x Far_LoA	-8,15532142	0,098	0,312
CHR4	15564514	CHR4:15564514	SSF x Far_LoA	-6,58154725	0,000	0,303
CHR4	15564518	CHR4:15564518	SSF x Far_LoA	-8,21507012	0,142	0,313
CHR4	15575534	CHR4:15575534	SSF x Far_LoA	-9,57771558	-0,035	0,296

CHR4	15575703	CHR4:15575703	SSF x Far_LoA	-9,53520491	-0,022	0,299
CHR4	15575768	CHR4:15575768	SSF x Far_LoA	-12,2119839	0,003	0,308
CHR4	15586236	CHR4:15586236	SSF x Far_LoA	-7,11342162	-0,121	0,299
CHR4	15586238	CHR4:15586238	SSF x Far_LoA	-3,93790019	-0,106	0,315
CHR4	15586258	CHR4:15586258	SSF x Far_LoA	-10,7925259	-0,024	0,307
CHR4	15586302	CHR4:15586302	SSF x Far_LoA	-7,7629662	-0,026	0,302
CHR4	1559016	CHR4:1559016	SSF x Far_LoA	-11,5513688	-0,030	0,307
CHR4	15591144	CHR4:15591144	SSF x Far_LoA	-9,4419022	0,086	0,308
CHR4	15591192	CHR4:15591192	SSF x Far_LoA	-9,51073764	0,029	0,312
CHR4	15591194	CHR4:15591194	SSF x Far_LoA	-11,763502	0,019	0,296
CHR4	15603016	CHR4:15603016	SSF x Far_LoA	-12,3149722	0,028	0,308
CHR4	15603268	CHR4:15603268	SSF x Far_LoA	-7,79506347	-0,071	0,307
CHR4	15606071	CHR4:15606071	SSF x Far_LoA	-11,4545375	0,018	0,304
CHR4	15606183	CHR4:15606183	SSF x Far_LoA	-7,91546327	0,067	0,297
CHR4	15609791	CHR4:15609791	SSF x Far_LoA	-8,51375309	0,124	0,297
CHR4	15609876	CHR4:15609876	SSF x Far_LoA	-10,3513133	0,064	0,300
CHR4	1561021	CHR4:1561021	SSF x Far_LoA	-9,68487627	0,095	0,296
CHR4	1561033	CHR4:1561033	SSF x Far_LoA	-7,83946919	-0,076	0,308
CHR4	1561074	CHR4:1561074	SSF x Far_LoA	-8,6230616	0,079	0,309
CHR4	1561080	CHR4:1561080	SSF x Far_LoA	-9,12037781	0,190	0,288
CHR4	15622196	CHR4:15622196	SSF x Far_LoA	-8,35344949	-0,069	0,303
CHR4	15622274	CHR4:15622274	SSF x Far_LoA	-9,59988442	0,181	0,293
CHR4	15639231	CHR4:15639231	SSF x Far_LoA	-7,81908111	-0,046	0,310
CHR4	15639381	CHR4:15639381	SSF x Far_LoA	-9,68855065	-0,026	0,310
CHR4	15639473	CHR4:15639473	SSF x Far_LoA	-8,9239918	-0,009	0,322
CHR4	1564057	CHR4:1564057	SSF x Far_LoA	-12,1336552	-0,020	0,315
CHR4	1564059	CHR4:1564059	SSF x Far_LoA	-0,7622682	-0,129	0,296
CHR4	1564065	CHR4:1564065	SSF x Far_LoA	-9,59534326	-0,147	0,304
CHR4	1564091	CHR4:1564091	SSF x Far_LoA	-9,06071164	-0,084	0,308
CHR4	1564146	CHR4:1564146	SSF x Far_LoA	-3,87842189	-0,127	0,305
CHR4	1564160	CHR4:1564160	SSF x Far_LoA	-9,16388063	-0,137	0,290
CHR4	1564223	CHR4:1564223	SSF x Far_LoA	-7,74131156	0,152	0,301
CHR4	1564249	CHR4:1564249	SSF x Far_LoA	-7,0285975	0,140	0,298
CHR4	15649217	CHR4:15649217	SSF x Far_LoA	-9,38883247	-0,007	0,310
CHR4	1567200	CHR4:1567200	SSF x Far_LoA	-8,86381417	-0,079	0,311
CHR4	1567241	CHR4:1567241	SSF x Far_LoA	-9,55607935	0,038	0,316
CHR4	15677765	CHR4:15677765	SSF x Far_LoA	-7,17954272	0,090	0,317
CHR4	15677773	CHR4:15677773	SSF x Far_LoA	-10,1664196	0,015	0,316
CHR4	15677818	CHR4:15677818	SSF x Far_LoA	-11,0403674	0,030	0,312
CHR4	15677828	CHR4:15677828	SSF x Far_LoA	-2,92278285	0,027	0,310
CHR4	15679030	CHR4:15679030	SSF x Far_LoA	-8,10672743	-0,093	0,302
CHR4	15679035	CHR4:15679035	SSF x Far_LoA	-10,3148595	-0,065	0,310
CHR4	15679080	CHR4:15679080	SSF x Far_LoA	3,29957544	-0,021	0,296
CHR4	15680636	CHR4:15680636	SSF x Far_LoA	-9,32724332	-0,082	0,312
CHR4	15680745	CHR4:15680745	SSF x Far_LoA	-8,98746633	-0,022	0,314
CHR4	15682490	CHR4:15682490	SSF x Far_LoA	-8,53750621	0,076	0,312
CHR4	15689054	CHR4:15689054	SSF x Far_LoA	-10,9906188	0,012	0,294
CHR4	15689070	CHR4:15689070	SSF x Far_LoA	-9,76862039	0,005	0,310
CHR4	15689090	CHR4:15689090	SSF x Far_LoA	-10,4617013	-0,022	0,317
CHR4	1569125	CHR4:1569125	SSF x Far_LoA	-8,2298804	0,141	0,301
CHR4	1569127	CHR4:1569127	SSF x Far_LoA	-7,1846607	0,149	0,300
CHR4	15702816	CHR4:15702816	SSF x Far_LoA	-8,89798237	-0,100	0,300
CHR4	15702883	CHR4:15702883	SSF x Far_LoA	-7,5280495	-0,038	0,315

CHR4	15702905	CHR4:15702905	SSF x Far_LoA	-10,9701972	-0,078	0,301
CHR4	15702922	CHR4:15702922	SSF x Far_LoA	-11,6141939	-0,083	0,305
CHR4	15702962	CHR4:15702962	SSF x Far_LoA	-11,4189662	-0,023	0,303
CHR4	15703076	CHR4:15703076	SSF x Far_LoA	-10,2727162	-0,087	0,290
CHR4	15703081	CHR4:15703081	SSF x Far_LoA	-8,24926755	-0,084	0,289
CHR4	15714082	CHR4:15714082	SSF x Far_LoA	-10,9539509	-0,113	0,307
CHR4	15716585	CHR4:15716585	SSF x Far_LoA	-10,5885363	0,043	0,302
CHR4	15716698	CHR4:15716698	SSF x Far_LoA	0,62786234	0,233	0,287
CHR4	15716714	CHR4:15716714	SSF x Far_LoA	-7,64848204	0,219	0,280
CHR4	15716824	CHR4:15716824	SSF x Far_LoA	-7,90342722	0,141	0,300
CHR4	15723235	CHR4:15723235	SSF x Far_LoA	-9,58743917	0,068	0,307
CHR4	15724548	CHR4:15724548	SSF x Far_LoA	-5,47599779	-0,101	0,311
CHR4	15724676	CHR4:15724676	SSF x Far_LoA	-8,02975507	-0,087	0,311
CHR4	15724738	CHR4:15724738	SSF x Far_LoA	-11,4132304	-0,026	0,314
CHR4	15730663	CHR4:15730663	SSF x Far_LoA	-10,5157657	-0,009	0,308
CHR4	15732074	CHR4:15732074	SSF x Far_LoA	-8,53739281	0,103	0,309
CHR4	15741359	CHR4:15741359	SSF x Far_LoA	-9,38146626	0,112	0,306
CHR4	15752837	CHR4:15752837	SSF x Far_LoA	-10,0326832	0,062	0,308
CHR4	15764899	CHR4:15764899	SSF x Far_LoA	-9,84144085	0,014	0,303
CHR4	15764904	CHR4:15764904	SSF x Far_LoA	-9,66124046	0,007	0,306
CHR4	15764912	CHR4:15764912	SSF x Far_LoA	-8,66891777	-0,028	0,310
CHR4	15764951	CHR4:15764951	SSF x Far_LoA	-8,05606663	0,125	0,306
CHR4	15767067	CHR4:15767067	SSF x Far_LoA	-10,2721095	0,018	0,302
CHR4	15772651	CHR4:15772651	SSF x Far_LoA	-7,44080339	-0,017	0,317
CHR4	15772656	CHR4:15772656	SSF x Far_LoA	-10,6814486	0,028	0,299
CHR4	15772678	CHR4:15772678	SSF x Far_LoA	-9,68065337	-0,141	0,308
CHR4	15774446	CHR4:15774446	SSF x Far_LoA	-8,33473551	0,006	0,315
CHR4	15774539	CHR4:15774539	SSF x Far_LoA	-4,07871068	-0,010	0,297
CHR4	15786659	CHR4:15786659	SSF x Far_LoA	-10,2011497	-0,140	0,314
CHR4	15786664	CHR4:15786664	SSF x Far_LoA	-10,5011538	0,050	0,302
CHR4	15789567	CHR4:15789567	SSF x Far_LoA	-10,8020001	0,064	0,305
CHR4	15789665	CHR4:15789665	SSF x Far_LoA	-8,49988397	0,098	0,300
CHR4	15789674	CHR4:15789674	SSF x Far_LoA	-9,66063149	0,022	0,320
CHR4	15789696	CHR4:15789696	SSF x Far_LoA	-5,73758346	-0,018	0,299
CHR4	15789719	CHR4:15789719	SSF x Far_LoA	-9,87930648	0,046	0,312
CHR4	15789727	CHR4:15789727	SSF x Far_LoA	-8,81421868	-0,173	0,303
CHR4	15789759	CHR4:15789759	SSF x Far_LoA	-10,5996431	0,035	0,291
CHR4	15789782	CHR4:15789782	SSF x Far_LoA	-8,63734258	-0,096	0,323
CHR4	15793114	CHR4:15793114	SSF x Far_LoA	-4,46597589	-0,173	0,295
CHR4	15793121	CHR4:15793121	SSF x Far_LoA	-11,4589007	0,046	0,308
CHR4	15793207	CHR4:15793207	SSF x Far_LoA	-9,14603976	0,070	0,308
CHR4	15793224	CHR4:15793224	SSF x Far_LoA	-10,6724897	-0,030	0,311
CHR4	15793242	CHR4:15793242	SSF x Far_LoA	-8,81414863	-0,011	0,318
CHR4	15793270	CHR4:15793270	SSF x Far_LoA	-11,3165582	0,065	0,301
CHR4	15800168	CHR4:15800168	SSF x Far_LoA	-10,878403	0,089	0,305
CHR4	15800253	CHR4:15800253	SSF x Far_LoA	-8,57245739	-0,015	0,296
CHR4	15810846	CHR4:15810846	SSF x Far_LoA	-4,24278622	0,072	0,311
CHR4	15811117	CHR4:15811117	SSF x Far_LoA	-10,285782	0,031	0,300
CHR4	1581399	CHR4:1581399	SSF x Far_LoA	-11,253526	0,047	0,304
CHR4	1581457	CHR4:1581457	SSF x Far_LoA	-8,52302913	-0,078	0,321
CHR4	15826854	CHR4:15826854	SSF x Far_LoA	-11,039876	0,023	0,310
CHR4	15831243	CHR4:15831243	SSF x Far_LoA	-10,5821387	0,056	0,316
CHR4	15831258	CHR4:15831258	SSF x Far_LoA	-10,6594851	-0,081	0,297

CHR4	15831279	CHR4:15831279	SSF x Far_LoA	-9,19986717	-0,005	0,301
CHR4	15831292	CHR4:15831292	SSF x Far_LoA	-10,2374759	0,018	0,324
CHR4	15831302	CHR4:15831302	SSF x Far_LoA	-9,75700277	0,042	0,307
CHR4	15841853	CHR4:15841853	SSF x Far_LoA	-7,77915848	-0,042	0,303
CHR4	15841862	CHR4:15841862	SSF x Far_LoA	-7,07264803	0,157	0,303
CHR4	15841903	CHR4:15841903	SSF x Far_LoA	-9,86883094	-0,070	0,306
CHR4	15841908	CHR4:15841908	SSF x Far_LoA	-5,46788592	0,088	0,306
CHR4	15841931	CHR4:15841931	SSF x Far_LoA	-7,05540282	0,117	0,303
CHR4	15842004	CHR4:15842004	SSF x Far_LoA	-9,93822835	0,068	0,292
CHR4	15850459	CHR4:15850459	SSF x Far_LoA	-9,89630857	-0,077	0,313
CHR4	15876719	CHR4:15876719	SSF x Far_LoA	-8,84255512	-0,044	0,307
CHR4	15876781	CHR4:15876781	SSF x Far_LoA	-8,33379222	0,082	0,301
CHR4	15877177	CHR4:15877177	SSF x Far_LoA	-11,998737	-0,019	0,296
CHR4	15886797	CHR4:15886797	SSF x Far_LoA	-8,26332095	-0,114	0,320
CHR4	15886828	CHR4:15886828	SSF x Far_LoA	-6,48726604	0,123	0,308
CHR4	15886831	CHR4:15886831	SSF x Far_LoA	-6,54676258	0,108	0,304
CHR4	15886835	CHR4:15886835	SSF x Far_LoA	0,58406647	0,147	0,304
CHR4	15886854	CHR4:15886854	SSF x Far_LoA	1,48260262	0,150	0,300
CHR4	15886868	CHR4:15886868	SSF x Far_LoA	-10,0292072	0,097	0,308
CHR4	15888259	CHR4:15888259	SSF x Far_LoA	-8,48619072	-0,094	0,295
CHR4	15888281	CHR4:15888281	SSF x Far_LoA	-11,128042	0,100	0,307
CHR4	1589283	CHR4:1589283	SSF x Far_LoA	-11,2947321	0,026	0,301
CHR4	1589308	CHR4:1589308	SSF x Far_LoA	-8,2046145	-0,099	0,309
CHR4	1589351	CHR4:1589351	SSF x Far_LoA	-9,15058377	0,014	0,304
CHR4	1590677	CHR4:1590677	SSF x Far_LoA	-7,52665752	-0,062	0,303
CHR4	1590717	CHR4:1590717	SSF x Far_LoA	-11,4010112	0,012	0,302
CHR4	1590752	CHR4:1590752	SSF x Far_LoA	-9,33944611	-0,044	0,311
CHR4	1590780	CHR4:1590780	SSF x Far_LoA	-7,63530545	-0,076	0,297
CHR4	1590809	CHR4:1590809	SSF x Far_LoA	-9,38641401	0,043	0,303
CHR4	15911330	CHR4:15911330	SSF x Far_LoA	-10,5473359	-0,042	0,302
CHR4	15924265	CHR4:15924265	SSF x Far_LoA	-9,6570443	-0,066	0,319
CHR4	15924272	CHR4:15924272	SSF x Far_LoA	-10,3913243	0,053	0,312
CHR4	15937360	CHR4:15937360	SSF x Far_LoA	-8,35252918	0,112	0,302
CHR4	15937384	CHR4:15937384	SSF x Far_LoA	-7,60453872	0,127	0,311
CHR4	15937844	CHR4:15937844	SSF x Far_LoA	-9,42649539	-0,131	0,306
CHR4	15979144	CHR4:15979144	SSF x Far_LoA	-9,82571926	0,088	0,307
CHR4	15979169	CHR4:15979169	SSF x Far_LoA	-9,48400542	-0,093	0,307
CHR4	15979180	CHR4:15979180	SSF x Far_LoA	-11,7664876	-0,032	0,298
CHR4	15994897	CHR4:15994897	SSF x Far_LoA	-11,0758387	0,026	0,300
CHR4	16002195	CHR4:16002195	SSF x Far_LoA	-9,49089797	-0,089	0,312
CHR4	16002196	CHR4:16002196	SSF x Far_LoA	-6,30764426	-0,084	0,309
CHR4	16002362	CHR4:16002362	SSF x Far_LoA	-10,1020131	0,156	0,289
CHR4	1600441	CHR4:1600441	SSF x Far_LoA	-8,32864193	-0,069	0,315
CHR4	1600474	CHR4:1600474	SSF x Far_LoA	-7,32066379	0,194	0,291
CHR4	1600512	CHR4:1600512	SSF x Far_LoA	-10,9113411	0,013	0,306
CHR4	1600530	CHR4:1600530	SSF x Far_LoA	-9,65768046	-0,102	0,314
CHR4	1600581	CHR4:1600581	SSF x Far_LoA	-10,5986837	-0,050	0,308
CHR4	1600700	CHR4:1600700	SSF x Far_LoA	-8,72750531	0,006	0,320
CHR4	1600719	CHR4:1600719	SSF x Far_LoA	-9,12485899	0,178	0,294
CHR4	1600748	CHR4:1600748	SSF x Far_LoA	-8,12994335	-0,171	0,290
CHR4	16014302	CHR4:16014302	SSF x Far_LoA	-10,6324754	0,039	0,300
CHR4	16015407	CHR4:16015407	SSF x Far_LoA	-7,74558086	0,075	0,318
CHR4	16018847	CHR4:16018847	SSF x Far_LoA	-7,02743846	-0,082	0,302

CHR4	1602023	CHR4:1602023	SSF x Far_LoA	-10,5382528	-0,091	0,311
CHR4	1602037	CHR4:1602037	SSF x Far_LoA	-11,0189469	-0,018	0,321
CHR4	1602072	CHR4:1602072	SSF x Far_LoA	-9,86630055	-0,113	0,307
CHR4	16020800	CHR4:16020800	SSF x Far_LoA	-5,92333553	0,086	0,304
CHR4	16020823	CHR4:16020823	SSF x Far_LoA	-7,81217348	0,041	0,308
CHR4	16020969	CHR4:16020969	SSF x Far_LoA	-9,29683659	-0,059	0,310
CHR4	16020975	CHR4:16020975	SSF x Far_LoA	-6,79044079	0,129	0,293
CHR4	1602108	CHR4:1602108	SSF x Far_LoA	-11,2731113	-0,032	0,314
CHR4	1602207	CHR4:1602207	SSF x Far_LoA	-5,6801972	0,200	0,291
CHR4	16022603	CHR4:16022603	SSF x Far_LoA	-9,58149494	0,020	0,309
CHR4	16022770	CHR4:16022770	SSF x Far_LoA	-10,9318319	0,043	0,306
CHR4	16026485	CHR4:16026485	SSF x Far_LoA	-9,5783979	0,015	0,298
CHR4	16026508	CHR4:16026508	SSF x Far_LoA	-8,22760484	0,016	0,321
CHR4	16027398	CHR4:16027398	SSF x Far_LoA	-10,5915226	0,098	0,294
CHR4	16027441	CHR4:16027441	SSF x Far_LoA	-7,37489926	0,091	0,318
CHR4	16027447	CHR4:16027447	SSF x Far_LoA	-7,12941157	0,145	0,296
CHR4	16027455	CHR4:16027455	SSF x Far_LoA	-9,54798191	-0,015	0,321
CHR4	16031157	CHR4:16031157	SSF x Far_LoA	-8,98584928	0,032	0,291
CHR4	16042948	CHR4:16042948	SSF x Far_LoA	4,21840465	-0,119	0,310
CHR4	1605513	CHR4:1605513	SSF x Far_LoA	-8,88608068	0,041	0,312
CHR4	1605516	CHR4:1605516	SSF x Far_LoA	-10,6643502	-0,025	0,306
CHR4	16056239	CHR4:16056239	SSF x Far_LoA	-11,7064971	-0,072	0,300
CHR4	1605678	CHR4:1605678	SSF x Far_LoA	-8,23948256	-0,137	0,311
CHR4	16067835	CHR4:16067835	SSF x Far_LoA	-10,3216669	-0,032	0,312
CHR4	16067868	CHR4:16067868	SSF x Far_LoA	-8,81460152	0,008	0,321
CHR4	16067908	CHR4:16067908	SSF x Far_LoA	-9,61137714	-0,027	0,304
CHR4	1608282	CHR4:1608282	SSF x Far_LoA	-8,20843177	-0,074	0,300
CHR4	16085560	CHR4:16085560	SSF x Far_LoA	-9,31908177	0,028	0,312
CHR4	16095101	CHR4:16095101	SSF x Far_LoA	-6,87181537	0,036	0,313
CHR4	16095161	CHR4:16095161	SSF x Far_LoA	-8,44618402	-0,001	0,290
CHR4	16095196	CHR4:16095196	SSF x Far_LoA	-5,86504981	-0,053	0,287
CHR4	16095248	CHR4:16095248	SSF x Far_LoA	-9,59218647	0,066	0,296
CHR4	16099978	CHR4:16099978	SSF x Far_LoA	-9,45407677	0,003	0,288
CHR4	16103475	CHR4:16103475	SSF x Far_LoA	-9,60673066	0,022	0,299
CHR4	16103529	CHR4:16103529	SSF x Far_LoA	-10,7695558	0,015	0,300
CHR4	1610933	CHR4:1610933	SSF x Far_LoA	-7,18238758	-0,138	0,300
CHR4	1610953	CHR4:1610953	SSF x Far_LoA	-5,8094728	-0,199	0,303
CHR4	16114402	CHR4:16114402	SSF x Far_LoA	-12,0782769	-0,037	0,301
CHR4	16114559	CHR4:16114559	SSF x Far_LoA	-9,99691866	-0,086	0,307
CHR4	16114565	CHR4:16114565	SSF x Far_LoA	-8,00259724	-0,097	0,299
CHR4	16114595	CHR4:16114595	SSF x Far_LoA	-11,8889038	-0,014	0,294
CHR4	16118075	CHR4:16118075	SSF x Far_LoA	-11,7814538	-0,030	0,296
CHR4	16118128	CHR4:16118128	SSF x Far_LoA	-9,48087458	0,023	0,318
CHR4	16118452	CHR4:16118452	SSF x Far_LoA	-10,8481642	-0,015	0,299
CHR4	16118471	CHR4:16118471	SSF x Far_LoA	-10,7539594	0,007	0,297
CHR4	16118488	CHR4:16118488	SSF x Far_LoA	-7,23846739	0,113	0,301
CHR4	16118500	CHR4:16118500	SSF x Far_LoA	-10,0057852	-0,058	0,314
CHR4	16118549	CHR4:16118549	SSF x Far_LoA	-9,0580316	-0,105	0,315
CHR4	16123169	CHR4:16123169	SSF x Far_LoA	-8,08181376	-0,084	0,308
CHR4	16123185	CHR4:16123185	SSF x Far_LoA	-10,007886	0,016	0,310
CHR4	16123260	CHR4:16123260	SSF x Far_LoA	-8,56243931	0,062	0,308
CHR4	16124279	CHR4:16124279	SSF x Far_LoA	-10,6648859	0,019	0,307
CHR4	16132202	CHR4:16132202	SSF x Far_LoA	-8,27429171	-0,083	0,310

CHR4	16143144	CHR4:16143144	SSF x Far_LoA	-11,3231405	-0,018	0,299
CHR4	16143168	CHR4:16143168	SSF x Far_LoA	-10,7263899	-0,096	0,311
CHR4	16143176	CHR4:16143176	SSF x Far_LoA	-11,0895245	-0,087	0,308
CHR4	16143203	CHR4:16143203	SSF x Far_LoA	-10,1909159	-0,072	0,311
CHR4	16143204	CHR4:16143204	SSF x Far_LoA	-10,0121921	-0,106	0,311
CHR4	16143790	CHR4:16143790	SSF x Far_LoA	-9,26529116	0,053	0,313
CHR4	1615607	CHR4:1615607	SSF x Far_LoA	-5,05707935	0,115	0,311
CHR4	1615630	CHR4:1615630	SSF x Far_LoA	-10,8402509	-0,001	0,301
CHR4	1615651	CHR4:1615651	SSF x Far_LoA	-10,2203315	-0,014	0,301
CHR4	1615657	CHR4:1615657	SSF x Far_LoA	-10,7498155	-0,016	0,293
CHR4	1617216	CHR4:1617216	SSF x Far_LoA	-7,68284355	-0,153	0,286
CHR4	16174224	CHR4:16174224	SSF x Far_LoA	-9,86685608	0,033	0,301
CHR4	16190900	CHR4:16190900	SSF x Far_LoA	-10,2196037	-0,086	0,312
CHR4	16194571	CHR4:16194571	SSF x Far_LoA	-9,40092094	0,027	0,309
CHR4	16194752	CHR4:16194752	SSF x Far_LoA	-10,0224552	-0,109	0,302
CHR4	16194782	CHR4:16194782	SSF x Far_LoA	-10,5591686	0,084	0,314
CHR4	16194787	CHR4:16194787	SSF x Far_LoA	-9,98822925	-0,048	0,312
CHR4	16196233	CHR4:16196233	SSF x Far_LoA	-12,0279082	0,116	0,302
CHR4	1619833	CHR4:1619833	SSF x Far_LoA	-9,95666994	-0,024	0,304
CHR4	1619948	CHR4:1619948	SSF x Far_LoA	-9,78706211	-0,007	0,311
CHR4	1619957	CHR4:1619957	SSF x Far_LoA	-9,01207673	-0,070	0,311
CHR4	16213237	CHR4:16213237	SSF x Far_LoA	-9,41263922	-0,022	0,315
CHR4	16213338	CHR4:16213338	SSF x Far_LoA	-8,17887758	-0,126	0,306
CHR4	16221478	CHR4:16221478	SSF x Far_LoA	-9,50157439	0,018	0,310
CHR4	16221491	CHR4:16221491	SSF x Far_LoA	-10,986927	-0,013	0,305
CHR4	16250490	CHR4:16250490	SSF x Far_LoA	-6,49548241	-0,181	0,304
CHR4	16250501	CHR4:16250501	SSF x Far_LoA	-9,66250497	0,120	0,305
CHR4	16250599	CHR4:16250599	SSF x Far_LoA	-10,3070305	-0,014	0,296
CHR4	16250608	CHR4:16250608	SSF x Far_LoA	-9,0875411	0,107	0,287
CHR4	16250638	CHR4:16250638	SSF x Far_LoA	-9,69379445	-0,139	0,297
CHR4	16250732	CHR4:16250732	SSF x Far_LoA	-11,4066181	-0,118	0,296
CHR4	16261518	CHR4:16261518	SSF x Far_LoA	-7,9752411	-0,116	0,296
CHR4	16261573	CHR4:16261573	SSF x Far_LoA	-9,33718779	-0,105	0,312
CHR4	16277589	CHR4:16277589	SSF x Far_LoA	-8,01983692	-0,174	0,305
CHR4	16277691	CHR4:16277691	SSF x Far_LoA	-11,5475392	0,017	0,319
CHR4	16310649	CHR4:16310649	SSF x Far_LoA	-7,44653529	-0,051	0,311
CHR4	16310669	CHR4:16310669	SSF x Far_LoA	-8,98346264	-0,065	0,303
CHR4	16315519	CHR4:16315519	SSF x Far_LoA	6,90951713	0,161	0,297
CHR4	16315570	CHR4:16315570	SSF x Far_LoA	-11,3270872	0,025	0,308
CHR4	16315609	CHR4:16315609	SSF x Far_LoA	-10,1688055	-0,098	0,304
CHR4	16315638	CHR4:16315638	SSF x Far_LoA	-10,7928717	0,019	0,316
CHR4	16315639	CHR4:16315639	SSF x Far_LoA	-8,04675505	-0,038	0,315
CHR4	16315701	CHR4:16315701	SSF x Far_LoA	-11,034501	-0,089	0,322
CHR4	16315705	CHR4:16315705	SSF x Far_LoA	-10,9567904	-0,074	0,294
CHR4	16317018	CHR4:16317018	SSF x Far_LoA	-5,78574329	-0,074	0,317
CHR4	16317134	CHR4:16317134	SSF x Far_LoA	-11,2284196	0,094	0,301
CHR4	16317271	CHR4:16317271	SSF x Far_LoA	-8,53297491	0,046	0,308
CHR4	16335151	CHR4:16335151	SSF x Far_LoA	-10,6440007	0,030	0,312
CHR4	16351948	CHR4:16351948	SSF x Far_LoA	-9,51391588	-0,101	0,310
CHR4	16351962	CHR4:16351962	SSF x Far_LoA	-4,86503645	0,147	0,297
CHR4	16351963	CHR4:16351963	SSF x Far_LoA	-7,81349707	0,143	0,284
CHR4	16351973	CHR4:16351973	SSF x Far_LoA	-8,16450008	-0,101	0,305
CHR4	16351975	CHR4:16351975	SSF x Far_LoA	-7,02328712	0,028	0,311

CHR4	16351981	CHR4:16351981	SSF x Far_LoA	-9,35069047	-0,015	0,315
CHR4	16352012	CHR4:16352012	SSF x Far_LoA	-8,75630655	-0,102	0,307
CHR4	16352042	CHR4:16352042	SSF x Far_LoA	-8,7240618	0,009	0,318
CHR4	16354130	CHR4:16354130	SSF x Far_LoA	-10,0851364	-0,088	0,288
CHR4	16354176	CHR4:16354176	SSF x Far_LoA	-8,22297076	-0,126	0,291
CHR4	16358526	CHR4:16358526	SSF x Far_LoA	-9,20314088	-0,016	0,311
CHR4	16360212	CHR4:16360212	SSF x Far_LoA	-9,16143422	-0,034	0,310
CHR4	16360238	CHR4:16360238	SSF x Far_LoA	-9,01210877	0,066	0,316
CHR4	16360262	CHR4:16360262	SSF x Far_LoA	-11,326222	-0,008	0,301
CHR4	16370212	CHR4:16370212	SSF x Far_LoA	-10,0369933	-0,048	0,305
CHR4	16370251	CHR4:16370251	SSF x Far_LoA	-7,2217787	0,117	0,293
CHR4	16370319	CHR4:16370319	SSF x Far_LoA	-6,49389093	0,068	0,312
CHR4	16370325	CHR4:16370325	SSF x Far_LoA	-10,1536254	0,016	0,303
CHR4	16405034	CHR4:16405034	SSF x Far_LoA	-9,58164663	-0,091	0,313
CHR4	16429485	CHR4:16429485	SSF x Far_LoA	-9,46885259	0,071	0,302
CHR4	16467664	CHR4:16467664	SSF x Far_LoA	-9,78406978	-0,001	0,290
CHR4	16469551	CHR4:16469551	SSF x Far_LoA	-6,52766625	0,114	0,298
CHR4	16469558	CHR4:16469558	SSF x Far_LoA	-11,1313253	-0,063	0,308
CHR4	16469560	CHR4:16469560	SSF x Far_LoA	-9,55013218	-0,088	0,312
CHR4	16469572	CHR4:16469572	SSF x Far_LoA	-11,4334179	0,080	0,292
CHR4	16469604	CHR4:16469604	SSF x Far_LoA	-10,5270905	-0,057	0,320
CHR4	16476259	CHR4:16476259	SSF x Far_LoA	-7,049351	-0,019	0,316
CHR4	16476395	CHR4:16476395	SSF x Far_LoA	-11,1079509	-0,140	0,294
CHR4	16493395	CHR4:16493395	SSF x Far_LoA	-9,7545228	0,084	0,300
CHR4	16493411	CHR4:16493411	SSF x Far_LoA	-8,61536798	0,094	0,309
CHR4	16493447	CHR4:16493447	SSF x Far_LoA	-6,98485771	-0,046	0,311
CHR4	16493457	CHR4:16493457	SSF x Far_LoA	-8,07201349	0,040	0,302
CHR4	16493504	CHR4:16493504	SSF x Far_LoA	-8,24273781	0,119	0,296
CHR4	16493610	CHR4:16493610	SSF x Far_LoA	-9,20463343	0,034	0,309
CHR4	16498810	CHR4:16498810	SSF x Far_LoA	-7,67839474	-0,084	0,322
CHR4	16498813	CHR4:16498813	SSF x Far_LoA	-8,73763661	-0,082	0,301
CHR4	16498922	CHR4:16498922	SSF x Far_LoA	-8,52235714	0,032	0,312
CHR4	16499051	CHR4:16499051	SSF x Far_LoA	-6,3596766	-0,097	0,308
CHR4	16501012	CHR4:16501012	SSF x Far_LoA	-9,61224569	-0,005	0,311
CHR4	16503852	CHR4:16503852	SSF x Far_LoA	-9,1570964	-0,091	0,308
CHR4	16503925	CHR4:16503925	SSF x Far_LoA	-9,18398021	0,148	0,291
CHR4	16527410	CHR4:16527410	SSF x Far_LoA	-6,66221545	-0,058	0,322
CHR4	16527441	CHR4:16527441	SSF x Far_LoA	-10,463782	-0,019	0,307
CHR4	16531624	CHR4:16531624	SSF x Far_LoA	-10,7331043	-0,102	0,310
CHR4	16546454	CHR4:16546454	SSF x Far_LoA	-7,50446907	-0,079	0,322
CHR4	16567711	CHR4:16567711	SSF x Far_LoA	-8,09755595	-0,080	0,293
CHR4	16569600	CHR4:16569600	SSF x Far_LoA	-10,9794323	-0,036	0,299
CHR4	16569658	CHR4:16569658	SSF x Far_LoA	-9,05584912	0,056	0,306
CHR4	16578913	CHR4:16578913	SSF x Far_LoA	-11,3259056	-0,105	0,306
CHR4	16578923	CHR4:16578923	SSF x Far_LoA	-9,68701567	-0,091	0,305
CHR4	16581475	CHR4:16581475	SSF x Far_LoA	-10,1847152	0,015	0,302
CHR4	16581476	CHR4:16581476	SSF x Far_LoA	-10,6292581	0,033	0,300
CHR4	16581495	CHR4:16581495	SSF x Far_LoA	-8,33197588	-0,127	0,313
CHR4	16582868	CHR4:16582868	SSF x Far_LoA	-9,00950864	0,008	0,313
CHR4	16583008	CHR4:16583008	SSF x Far_LoA	-9,0137632	-0,134	0,305
CHR4	16583046	CHR4:16583046	SSF x Far_LoA	-11,6875067	0,008	0,299
CHR4	16590017	CHR4:16590017	SSF x Far_LoA	-10,6035743	0,058	0,323
CHR4	16590149	CHR4:16590149	SSF x Far_LoA	-4,02350255	0,101	0,311

CHR4	16590153	CHR4:16590153	SSF x Far_LoA	-8,2134427	-0,024	0,303
CHR4	16592310	CHR4:16592310	SSF x Far_LoA	-5,6715581	0,137	0,312
CHR4	16599693	CHR4:16599693	SSF x Far_LoA	-8,50676238	-0,118	0,299
CHR4	16607959	CHR4:16607959	SSF x Far_LoA	-9,43655851	-0,053	0,305
CHR4	16608020	CHR4:16608020	SSF x Far_LoA	-8,496259	-0,011	0,303
CHR4	16648692	CHR4:16648692	SSF x Far_LoA	-11,5185589	-0,006	0,311
CHR4	16662301	CHR4:16662301	SSF x Far_LoA	-9,48792303	-0,053	0,327
CHR4	16682803	CHR4:16682803	SSF x Far_LoA	-10,3144796	0,031	0,306
CHR4	16717716	CHR4:16717716	SSF x Far_LoA	-10,1189079	-0,014	0,304
CHR4	16724265	CHR4:16724265	SSF x Far_LoA	-11,6131485	0,032	0,308
CHR4	16724309	CHR4:16724309	SSF x Far_LoA	-12,1208756	-0,036	0,302
CHR4	16724318	CHR4:16724318	SSF x Far_LoA	-8,45735496	-0,045	0,319
CHR4	16724426	CHR4:16724426	SSF x Far_LoA	-8,99004679	0,054	0,306
CHR4	1672796	CHR4:1672796	SSF x Far_LoA	-5,85959012	0,191	0,296
CHR4	1672819	CHR4:1672819	SSF x Far_LoA	-6,74815544	-0,097	0,286
CHR4	1672891	CHR4:1672891	SSF x Far_LoA	-6,29020452	-0,112	0,299
CHR4	16735753	CHR4:16735753	SSF x Far_LoA	-10,103269	0,028	0,304
CHR4	16736794	CHR4:16736794	SSF x Far_LoA	-7,08598338	-0,033	0,310
CHR4	16736830	CHR4:16736830	SSF x Far_LoA	-8,91814041	-0,002	0,309
CHR4	16736839	CHR4:16736839	SSF x Far_LoA	-7,96764203	-0,084	0,309
CHR4	16744061	CHR4:16744061	SSF x Far_LoA	-7,63037438	-0,104	0,300
CHR4	16744083	CHR4:16744083	SSF x Far_LoA	-7,28077964	0,055	0,303
CHR4	16744139	CHR4:16744139	SSF x Far_LoA	-9,2962068	-0,060	0,321
CHR4	16744140	CHR4:16744140	SSF x Far_LoA	-8,49407076	-0,009	0,306
CHR4	16744142	CHR4:16744142	SSF x Far_LoA	-8,23741496	0,017	0,297
CHR4	16744182	CHR4:16744182	SSF x Far_LoA	-7,72827428	-0,140	0,307
CHR4	16744192	CHR4:16744192	SSF x Far_LoA	-7,9900872	-0,094	0,306
CHR4	16744225	CHR4:16744225	SSF x Far_LoA	-10,7015518	0,028	0,306
CHR4	16753230	CHR4:16753230	SSF x Far_LoA	-10,3945023	0,012	0,315
CHR4	16753364	CHR4:16753364	SSF x Far_LoA	-10,1808683	0,046	0,304
CHR4	16753374	CHR4:16753374	SSF x Far_LoA	-8,85552658	0,100	0,299
CHR4	16753382	CHR4:16753382	SSF x Far_LoA	-11,1250613	0,020	0,300
CHR4	16753414	CHR4:16753414	SSF x Far_LoA	-8,97768681	-0,024	0,311
CHR4	16770962	CHR4:16770962	SSF x Far_LoA	-11,2495782	-0,106	0,296
CHR4	16771098	CHR4:16771098	SSF x Far_LoA	-11,4465339	-0,058	0,309
CHR4	16775009	CHR4:16775009	SSF x Far_LoA	-8,01062783	-0,025	0,310
CHR4	16775016	CHR4:16775016	SSF x Far_LoA	-8,34114397	-0,076	0,307
CHR4	16775031	CHR4:16775031	SSF x Far_LoA	-8,99233565	0,087	0,309
CHR4	16775067	CHR4:16775067	SSF x Far_LoA	-8,03842934	-0,118	0,309
CHR4	16777854	CHR4:16777854	SSF x Far_LoA	-9,54107994	0,067	0,309
CHR4	16777865	CHR4:16777865	SSF x Far_LoA	-3,72833355	0,141	0,298
CHR4	16777893	CHR4:16777893	SSF x Far_LoA	-8,12687871	-0,087	0,303
CHR4	16781003	CHR4:16781003	SSF x Far_LoA	-5,42967316	0,089	0,313
CHR4	16781064	CHR4:16781064	SSF x Far_LoA	-9,64841582	-0,043	0,300
CHR4	16781151	CHR4:16781151	SSF x Far_LoA	-8,82657163	0,079	0,288
CHR4	16781181	CHR4:16781181	SSF x Far_LoA	-8,96103705	0,065	0,304
CHR4	16781183	CHR4:16781183	SSF x Far_LoA	-10,0386587	0,052	0,312
CHR4	16781185	CHR4:16781185	SSF x Far_LoA	-10,2228547	0,018	0,303
CHR4	16781197	CHR4:16781197	SSF x Far_LoA	-10,3191385	-0,094	0,299
CHR4	16781204	CHR4:16781204	SSF x Far_LoA	-8,15734834	-0,055	0,304
CHR4	16781250	CHR4:16781250	SSF x Far_LoA	-7,67589863	-0,052	0,292
CHR4	16781406	CHR4:16781406	SSF x Far_LoA	-11,9080818	-0,048	0,302
CHR4	16805560	CHR4:16805560	SSF x Far_LoA	-11,4253126	-0,008	0,317

CHR4	16805715	CHR4:16805715	SSF x Far_LoA	-11,166584	0,065	0,295
CHR4	16805764	CHR4:16805764	SSF x Far_LoA	-9,67941281	-0,004	0,303
CHR4	16817351	CHR4:16817351	SSF x Far_LoA	-2,86325055	0,055	0,298
CHR4	16820609	CHR4:16820609	SSF x Far_LoA	-9,65276808	0,064	0,304
CHR4	16820660	CHR4:16820660	SSF x Far_LoA	-8,87951976	-0,015	0,313
CHR4	16823375	CHR4:16823375	SSF x Far_LoA	-6,49631325	-0,057	0,315
CHR4	16823379	CHR4:16823379	SSF x Far_LoA	-11,1590033	-0,063	0,321
CHR4	16823651	CHR4:16823651	SSF x Far_LoA	-5,98022412	0,005	0,303
CHR4	16834785	CHR4:16834785	SSF x Far_LoA	-7,0615416	-0,020	0,323
CHR4	16834834	CHR4:16834834	SSF x Far_LoA	-9,8985785	0,085	0,295
CHR4	16834874	CHR4:16834874	SSF x Far_LoA	-9,89403689	0,053	0,308
CHR4	16840223	CHR4:16840223	SSF x Far_LoA	-8,94093994	0,008	0,304
CHR4	16840381	CHR4:16840381	SSF x Far_LoA	-9,28478134	-0,046	0,319
CHR4	16840449	CHR4:16840449	SSF x Far_LoA	-7,2114873	-0,148	0,304
CHR4	16845835	CHR4:16845835	SSF x Far_LoA	-10,2630143	0,071	0,300
CHR4	16853191	CHR4:16853191	SSF x Far_LoA	-7,78521624	-0,001	0,306
CHR4	16855	CHR4:16855	SSF x Far_LoA	-11,5381989	0,002	0,316
CHR4	16858639	CHR4:16858639	SSF x Far_LoA	-8,61794198	-0,029	0,297
CHR4	16858673	CHR4:16858673	SSF x Far_LoA	-4,57380418	-0,168	0,309
CHR4	16858687	CHR4:16858687	SSF x Far_LoA	-9,69048858	0,024	0,301
CHR4	16858851	CHR4:16858851	SSF x Far_LoA	-9,47041765	0,059	0,294
CHR4	16860453	CHR4:16860453	SSF x Far_LoA	-9,52521706	0,081	0,307
CHR4	16860516	CHR4:16860516	SSF x Far_LoA	-9,6869261	0,044	0,299
CHR4	16860551	CHR4:16860551	SSF x Far_LoA	-6,79792793	-0,156	0,302
CHR4	16860575	CHR4:16860575	SSF x Far_LoA	-8,01872894	-0,199	0,291
CHR4	16860582	CHR4:16860582	SSF x Far_LoA	-8,6568922	-0,169	0,296
CHR4	16860617	CHR4:16860617	SSF x Far_LoA	-7,85226846	-0,118	0,307
CHR4	1686334	CHR4:1686334	SSF x Far_LoA	-8,86435418	-0,091	0,309
CHR4	1686336	CHR4:1686336	SSF x Far_LoA	-9,75935911	-0,039	0,314
CHR4	16870764	CHR4:16870764	SSF x Far_LoA	-11,2438107	0,081	0,302
CHR4	16870991	CHR4:16870991	SSF x Far_LoA	-9,3054922	0,093	0,312
CHR4	16871000	CHR4:16871000	SSF x Far_LoA	-10,1533539	0,122	0,316
CHR4	16872223	CHR4:16872223	SSF x Far_LoA	-8,12711381	0,071	0,296
CHR4	16876033	CHR4:16876033	SSF x Far_LoA	-10,1034098	0,003	0,318
CHR4	16883840	CHR4:16883840	SSF x Far_LoA	-8,74807285	-0,071	0,305
CHR4	16883877	CHR4:16883877	SSF x Far_LoA	-10,3566851	0,073	0,280
CHR4	16883879	CHR4:16883879	SSF x Far_LoA	-5,93902778	-0,106	0,312
CHR4	16883955	CHR4:16883955	SSF x Far_LoA	-10,2100083	0,039	0,307
CHR4	16884056	CHR4:16884056	SSF x Far_LoA	-4,43474514	0,193	0,306
CHR4	16884059	CHR4:16884059	SSF x Far_LoA	-6,19468961	0,182	0,296
CHR4	16884066	CHR4:16884066	SSF x Far_LoA	-8,10398919	0,056	0,317
CHR4	16900765	CHR4:16900765	SSF x Far_LoA	-9,29609564	-0,108	0,299
CHR4	16900785	CHR4:16900785	SSF x Far_LoA	-6,34996464	0,172	0,304
CHR4	16904907	CHR4:16904907	SSF x Far_LoA	-6,63922839	-0,057	0,314
CHR4	16905042	CHR4:16905042	SSF x Far_LoA	-10,6795481	-0,023	0,313
CHR4	16908065	CHR4:16908065	SSF x Far_LoA	-11,5804402	0,048	0,298
CHR4	16908068	CHR4:16908068	SSF x Far_LoA	-11,4044982	0,056	0,315
CHR4	16908069	CHR4:16908069	SSF x Far_LoA	-8,62432482	0,140	0,300
CHR4	16908079	CHR4:16908079	SSF x Far_LoA	-4,8355488	0,133	0,307
CHR4	16908085	CHR4:16908085	SSF x Far_LoA	-11,9213534	-0,027	0,299
CHR4	16908140	CHR4:16908140	SSF x Far_LoA	-10,1598434	0,029	0,297
CHR4	16908155	CHR4:16908155	SSF x Far_LoA	-10,0320461	0,007	0,329
CHR4	16908205	CHR4:16908205	SSF x Far_LoA	-10,7784206	-0,003	0,309

CHR4	16910430	CHR4:16910430	SSF x Far_LoA	-11,5813028	-0,004	0,313
CHR4	16910435	CHR4:16910435	SSF x Far_LoA	-7,87146078	-0,071	0,313
CHR4	16910494	CHR4:16910494	SSF x Far_LoA	-9,68460597	0,061	0,301
CHR4	16910520	CHR4:16910520	SSF x Far_LoA	-10,4454819	0,037	0,306
CHR4	16910523	CHR4:16910523	SSF x Far_LoA	-10,8294374	0,032	0,299
CHR4	16922140	CHR4:16922140	SSF x Far_LoA	-0,99602967	-0,167	0,300
CHR4	16922144	CHR4:16922144	SSF x Far_LoA	-7,98827379	-0,070	0,307
CHR4	16922150	CHR4:16922150	SSF x Far_LoA	-10,9378971	0,050	0,298
CHR4	16922155	CHR4:16922155	SSF x Far_LoA	-11,3010633	0,069	0,282
CHR4	16922178	CHR4:16922178	SSF x Far_LoA	-9,47976567	0,030	0,302
CHR4	16922192	CHR4:16922192	SSF x Far_LoA	-9,164386	0,064	0,299
CHR4	16923758	CHR4:16923758	SSF x Far_LoA	-10,1563806	0,023	0,293
CHR4	16940742	CHR4:16940742	SSF x Far_LoA	-8,8342481	0,056	0,312
CHR4	16940750	CHR4:16940750	SSF x Far_LoA	-8,90981018	0,042	0,286
CHR4	16940977	CHR4:16940977	SSF x Far_LoA	-6,78670188	0,100	0,296
CHR4	1694116	CHR4:1694116	SSF x Far_LoA	-6,61106633	-0,046	0,307
CHR4	16942556	CHR4:16942556	SSF x Far_LoA	-8,77826575	0,024	0,323
CHR4	1694257	CHR4:1694257	SSF x Far_LoA	-10,3811595	-0,124	0,306
CHR4	1694288	CHR4:1694288	SSF x Far_LoA	-8,46587881	0,046	0,313
CHR4	16945554	CHR4:16945554	SSF x Far_LoA	-10,564671	0,001	0,297
CHR4	16945562	CHR4:16945562	SSF x Far_LoA	-9,10666839	-0,003	0,315
CHR4	16945566	CHR4:16945566	SSF x Far_LoA	-10,260349	-0,108	0,308
CHR4	16945617	CHR4:16945617	SSF x Far_LoA	-9,38670083	0,157	0,294
CHR4	16945702	CHR4:16945702	SSF x Far_LoA	-11,0833272	0,013	0,308
CHR4	16946680	CHR4:16946680	SSF x Far_LoA	1,094534	-0,069	0,316
CHR4	16946935	CHR4:16946935	SSF x Far_LoA	-9,03550799	0,110	0,295
CHR4	16946936	CHR4:16946936	SSF x Far_LoA	-7,73715987	0,115	0,308
CHR4	16948207	CHR4:16948207	SSF x Far_LoA	-11,4483522	0,007	0,304
CHR4	16948244	CHR4:16948244	SSF x Far_LoA	-11,5665801	0,014	0,309
CHR4	16948290	CHR4:16948290	SSF x Far_LoA	-10,4193563	0,003	0,305
CHR4	16948339	CHR4:16948339	SSF x Far_LoA	-8,28807253	0,051	0,289
CHR4	16948431	CHR4:16948431	SSF x Far_LoA	-9,00264674	-0,065	0,304
CHR4	16953599	CHR4:16953599	SSF x Far_LoA	-7,93913812	0,060	0,307
CHR4	16953699	CHR4:16953699	SSF x Far_LoA	-10,7605788	-0,112	0,298
CHR4	16953765	CHR4:16953765	SSF x Far_LoA	-7,70579023	0,026	0,312
CHR4	16955649	CHR4:16955649	SSF x Far_LoA	-8,16081718	0,036	0,300
CHR4	1695795	CHR4:1695795	SSF x Far_LoA	-7,00208687	-0,142	0,317
CHR4	16959391	CHR4:16959391	SSF x Far_LoA	-8,89825074	0,047	0,306
CHR4	16959432	CHR4:16959432	SSF x Far_LoA	10,7935391	-0,010	0,309
CHR4	16959462	CHR4:16959462	SSF x Far_LoA	-10,3360355	-0,100	0,311
CHR4	16959509	CHR4:16959509	SSF x Far_LoA	-7,78734067	0,003	0,303
CHR4	16959630	CHR4:16959630	SSF x Far_LoA	-4,70522264	-0,161	0,302
CHR4	16968843	CHR4:16968843	SSF x Far_LoA	-10,7494065	0,018	0,299
CHR4	16968863	CHR4:16968863	SSF x Far_LoA	-8,97309926	-0,005	0,291
CHR4	16968929	CHR4:16968929	SSF x Far_LoA	-8,49117572	-0,125	0,294
CHR4	16968938	CHR4:16968938	SSF x Far_LoA	-5,27840776	-0,115	0,302
CHR4	16981912	CHR4:16981912	SSF x Far_LoA	-10,2740604	0,041	0,306
CHR4	16992365	CHR4:16992365	SSF x Far_LoA	-10,6822684	0,051	0,305
CHR4	16992427	CHR4:16992427	SSF x Far_LoA	-10,1226077	-0,026	0,305
CHR4	16992433	CHR4:16992433	SSF x Far_LoA	-9,78643618	0,006	0,323
CHR4	16992464	CHR4:16992464	SSF x Far_LoA	-10,8183313	-0,088	0,313
CHR4	16995238	CHR4:16995238	SSF x Far_LoA	-8,1410134	-0,106	0,305
CHR4	16995378	CHR4:16995378	SSF x Far_LoA	-10,2242546	-0,005	0,314

CHR4	16995397	CHR4:16995397	SSF x Far_LoA	-10,4036597	0,001	0,301
CHR4	16995440	CHR4:16995440	SSF x Far_LoA	-9,99551509	0,078	0,311
CHR4	16998624	CHR4:16998624	SSF x Far_LoA	-9,46779035	0,047	0,307
CHR4	16998690	CHR4:16998690	SSF x Far_LoA	-7,86776505	0,164	0,296
CHR4	16998753	CHR4:16998753	SSF x Far_LoA	-6,76157747	0,216	0,282
CHR4	17002244	CHR4:17002244	SSF x Far_LoA	-8,23360163	0,024	0,305
CHR4	17002264	CHR4:17002264	SSF x Far_LoA	-5,85735201	-0,013	0,307
CHR4	17002296	CHR4:17002296	SSF x Far_LoA	-10,9388239	0,040	0,301
CHR4	17002315	CHR4:17002315	SSF x Far_LoA	-11,2534982	0,066	0,299
CHR4	17002665	CHR4:17002665	SSF x Far_LoA	-9,25685824	0,070	0,305
CHR4	17003554	CHR4:17003554	SSF x Far_LoA	-9,09502223	-0,040	0,317
CHR4	17005696	CHR4:17005696	SSF x Far_LoA	-9,68658767	0,077	0,311
CHR4	17005720	CHR4:17005720	SSF x Far_LoA	-10,5162201	0,016	0,313
CHR4	17005860	CHR4:17005860	SSF x Far_LoA	-9,20224151	-0,009	0,312
CHR4	17005910	CHR4:17005910	SSF x Far_LoA	-9,7797771	0,052	0,301
CHR4	1700772	CHR4:1700772	SSF x Far_LoA	-10,7005046	-0,014	0,313
CHR4	1700844	CHR4:1700844	SSF x Far_LoA	-8,34219741	0,096	0,296
CHR4	1700850	CHR4:1700850	SSF x Far_LoA	-8,74747555	-0,074	0,314
CHR4	17009286	CHR4:17009286	SSF x Far_LoA	-7,51884645	-0,099	0,304
CHR4	17009365	CHR4:17009365	SSF x Far_LoA	-6,73859821	-0,153	0,305
CHR4	17009380	CHR4:17009380	SSF x Far_LoA	-6,84986578	-0,015	0,296
CHR4	17009400	CHR4:17009400	SSF x Far_LoA	-8,36747924	0,109	0,306
CHR4	17009526	CHR4:17009526	SSF x Far_LoA	-11,7336538	-0,053	0,317
CHR4	17012172	CHR4:17012172	SSF x Far_LoA	-10,6773939	-0,039	0,313
CHR4	17033635	CHR4:17033635	SSF x Far_LoA	-8,9410145	0,106	0,305
CHR4	17035025	CHR4:17035025	SSF x Far_LoA	-7,35571213	-0,166	0,299
CHR4	17035052	CHR4:17035052	SSF x Far_LoA	-11,295977	-0,008	0,305
CHR4	17035108	CHR4:17035108	SSF x Far_LoA	-9,76691025	-0,062	0,318
CHR4	17040319	CHR4:17040319	SSF x Far_LoA	-7,99267687	0,115	0,309
CHR4	17040396	CHR4:17040396	SSF x Far_LoA	-7,90744731	0,135	0,304
CHR4	17040486	CHR4:17040486	SSF x Far_LoA	-5,29545594	0,214	0,276
CHR4	17040502	CHR4:17040502	SSF x Far_LoA	-8,8923236	-0,084	0,296
CHR4	17040517	CHR4:17040517	SSF x Far_LoA	-8,409792	-0,085	0,291
CHR4	17059522	CHR4:17059522	SSF x Far_LoA	-9,77016378	0,102	0,305
CHR4	17059560	CHR4:17059560	SSF x Far_LoA	-8,10862924	0,015	0,297
CHR4	17059568	CHR4:17059568	SSF x Far_LoA	-8,66958691	-0,041	0,293
CHR4	17059595	CHR4:17059595	SSF x Far_LoA	-6,29282331	-0,021	0,303
CHR4	17059691	CHR4:17059691	SSF x Far_LoA	-7,00623103	-0,026	0,294
CHR4	17073995	CHR4:17073995	SSF x Far_LoA	-8,91306306	-0,073	0,310
CHR4	17074015	CHR4:17074015	SSF x Far_LoA	-9,35790949	0,113	0,309
CHR4	17074045	CHR4:17074045	SSF x Far_LoA	-9,24454561	-0,099	0,299
CHR4	17074072	CHR4:17074072	SSF x Far_LoA	-8,37625431	-0,009	0,320
CHR4	17074147	CHR4:17074147	SSF x Far_LoA	-5,41951002	0,030	0,307
CHR4	17074152	CHR4:17074152	SSF x Far_LoA	-8,9969423	-0,101	0,311
CHR4	17074249	CHR4:17074249	SSF x Far_LoA	-7,93554627	-0,013	0,300
CHR4	17074309	CHR4:17074309	SSF x Far_LoA	-6,558208	0,013	0,308
CHR4	17074312	CHR4:17074312	SSF x Far_LoA	-9,30102015	-0,103	0,304
CHR4	17074319	CHR4:17074319	SSF x Far_LoA	-7,98028923	0,049	0,300
CHR4	17074323	CHR4:17074323	SSF x Far_LoA	-9,13596928	0,014	0,305
CHR4	17084258	CHR4:17084258	SSF x Far_LoA	-10,0277503	0,100	0,305
CHR4	17084350	CHR4:17084350	SSF x Far_LoA	-8,94924002	-0,050	0,300
CHR4	17086437	CHR4:17086437	SSF x Far_LoA	-9,0900097	0,074	0,294
CHR4	17093659	CHR4:17093659	SSF x Far_LoA	-10,8309976	0,003	0,290

CHR4	17093663	CHR4:17093663	SSF x Far_LoA	-9,9751876	0,007	0,295
CHR4	17093664	CHR4:17093664	SSF x Far_LoA	-10,7482076	0,009	0,296
CHR4	17093670	CHR4:17093670	SSF x Far_LoA	-11,065645	0,000	0,287
CHR4	17105516	CHR4:17105516	SSF x Far_LoA	-9,59119754	-0,126	0,316
CHR4	17105567	CHR4:17105567	SSF x Far_LoA	-8,39533967	0,112	0,308
CHR4	17105580	CHR4:17105580	SSF x Far_LoA	-9,84794896	-0,025	0,313
CHR4	17105583	CHR4:17105583	SSF x Far_LoA	-10,993138	-0,104	0,313
CHR4	17105645	CHR4:17105645	SSF x Far_LoA	0,07035169	-0,043	0,297
CHR4	17105707	CHR4:17105707	SSF x Far_LoA	-10,432053	-0,083	0,303
CHR4	17108429	CHR4:17108429	SSF x Far_LoA	-10,5292695	0,026	0,293
CHR4	17108454	CHR4:17108454	SSF x Far_LoA	-8,19728263	0,085	0,317
CHR4	17108457	CHR4:17108457	SSF x Far_LoA	-10,2157858	0,033	0,302
CHR4	17108463	CHR4:17108463	SSF x Far_LoA	-9,35767268	0,021	0,298
CHR4	17108484	CHR4:17108484	SSF x Far_LoA	-10,9291499	-0,048	0,307
CHR4	17108491	CHR4:17108491	SSF x Far_LoA	-7,10234444	0,000	0,312
CHR4	17108526	CHR4:17108526	SSF x Far_LoA	-9,3969047	0,053	0,308
CHR4	17112408	CHR4:17112408	SSF x Far_LoA	-8,61873843	0,150	0,288
CHR4	17112427	CHR4:17112427	SSF x Far_LoA	-8,43854984	0,085	0,299
CHR4	17112502	CHR4:17112502	SSF x Far_LoA	-7,68800831	0,140	0,312
CHR4	17116095	CHR4:17116095	SSF x Far_LoA	-11,3015001	0,003	0,302
CHR4	17119573	CHR4:17119573	SSF x Far_LoA	-12,0054443	0,056	0,302
CHR4	17119637	CHR4:17119637	SSF x Far_LoA	-7,37093297	-0,006	0,325
CHR4	17119687	CHR4:17119687	SSF x Far_LoA	-9,35878549	-0,033	0,297
CHR4	17119688	CHR4:17119688	SSF x Far_LoA	-9,27919998	-0,041	0,309
CHR4	17119690	CHR4:17119690	SSF x Far_LoA	-8,79973661	0,214	0,279
CHR4	17119697	CHR4:17119697	SSF x Far_LoA	-10,2114997	-0,060	0,313
CHR4	17122707	CHR4:17122707	SSF x Far_LoA	-2,37180136	-0,206	0,291
CHR4	17122756	CHR4:17122756	SSF x Far_LoA	-6,80182279	0,000	0,302
CHR4	17122841	CHR4:17122841	SSF x Far_LoA	-10,4963201	0,084	0,303
CHR4	17128500	CHR4:17128500	SSF x Far_LoA	8,77074527	-0,106	0,320
CHR4	17128574	CHR4:17128574	SSF x Far_LoA	-10,4465881	-0,036	0,315
CHR4	17130409	CHR4:17130409	SSF x Far_LoA	-8,73435631	-0,091	0,308
CHR4	17130505	CHR4:17130505	SSF x Far_LoA	-4,709322	-0,224	0,295
CHR4	17130507	CHR4:17130507	SSF x Far_LoA	-8,51011205	0,175	0,287
CHR4	17132997	CHR4:17132997	SSF x Far_LoA	-10,1743537	0,048	0,298
CHR4	17133045	CHR4:17133045	SSF x Far_LoA	-10,1570563	-0,014	0,318
CHR4	17133097	CHR4:17133097	SSF x Far_LoA	-8,13013384	0,023	0,313
CHR4	17140803	CHR4:17140803	SSF x Far_LoA	-11,1614034	0,011	0,307
CHR4	17142102	CHR4:17142102	SSF x Far_LoA	-9,20597994	0,005	0,321
CHR4	1714275	CHR4:1714275	SSF x Far_LoA	-9,23426533	0,035	0,306
CHR4	1714314	CHR4:1714314	SSF x Far_LoA	-8,70768115	-0,058	0,300
CHR4	1714414	CHR4:1714414	SSF x Far_LoA	-11,3651567	0,030	0,294
CHR4	17157105	CHR4:17157105	SSF x Far_LoA	-7,73931253	0,032	0,308
CHR4	17159003	CHR4:17159003	SSF x Far_LoA	-11,0040199	0,033	0,296
CHR4	17159214	CHR4:17159214	SSF x Far_LoA	-8,75881819	-0,133	0,293
CHR4	17159295	CHR4:17159295	SSF x Far_LoA	-7,2673145	-0,174	0,295
CHR4	17159325	CHR4:17159325	SSF x Far_LoA	-9,52357406	0,090	0,311
CHR4	17164552	CHR4:17164552	SSF x Far_LoA	-8,7567389	0,025	0,319
CHR4	17164556	CHR4:17164556	SSF x Far_LoA	-8,83591198	0,045	0,305
CHR4	17164557	CHR4:17164557	SSF x Far_LoA	-11,4989933	-0,011	0,319
CHR4	17164562	CHR4:17164562	SSF x Far_LoA	-9,08883249	-0,012	0,317
CHR4	17164573	CHR4:17164573	SSF x Far_LoA	-9,2423326	-0,009	0,295
CHR4	17164584	CHR4:17164584	SSF x Far_LoA	-7,8754667	0,030	0,316

CHR4	17172942	CHR4:17172942	SSF x Far_LoA	-8,46964141	-0,144	0,309
CHR4	17173052	CHR4:17173052	SSF x Far_LoA	-10,2813855	-0,047	0,314
CHR4	17176156	CHR4:17176156	SSF x Far_LoA	-11,404513	0,036	0,305
CHR4	17176185	CHR4:17176185	SSF x Far_LoA	-12,2858767	0,074	0,303
CHR4	17176199	CHR4:17176199	SSF x Far_LoA	-8,55482186	-0,041	0,307
CHR4	17176223	CHR4:17176223	SSF x Far_LoA	-7,08120433	0,200	0,295
CHR4	17176236	CHR4:17176236	SSF x Far_LoA	-8,14220478	0,043	0,303
CHR4	17176243	CHR4:17176243	SSF x Far_LoA	-10,0117353	-0,022	0,300
CHR4	17176247	CHR4:17176247	SSF x Far_LoA	-9,62245994	-0,048	0,300
CHR4	17176338	CHR4:17176338	SSF x Far_LoA	-8,2850834	-0,105	0,302
CHR4	17176343	CHR4:17176343	SSF x Far_LoA	-9,33734142	0,072	0,311
CHR4	17176350	CHR4:17176350	SSF x Far_LoA	-9,33696038	0,071	0,303
CHR4	17176377	CHR4:17176377	SSF x Far_LoA	-9,93280266	-0,047	0,309
CHR4	17180250	CHR4:17180250	SSF x Far_LoA	-9,25936296	0,086	0,317
CHR4	17180277	CHR4:17180277	SSF x Far_LoA	-9,85447545	-0,073	0,310
CHR4	17204271	CHR4:17204271	SSF x Far_LoA	-8,22703847	0,031	0,305
CHR4	17204285	CHR4:17204285	SSF x Far_LoA	-9,27794169	0,019	0,302
CHR4	17204307	CHR4:17204307	SSF x Far_LoA	-8,47949083	-0,056	0,313
CHR4	17204359	CHR4:17204359	SSF x Far_LoA	-8,95671447	-0,094	0,300
CHR4	17206529	CHR4:17206529	SSF x Far_LoA	-7,10527651	0,100	0,302
CHR4	17211011	CHR4:17211011	SSF x Far_LoA	-12,3198954	0,010	0,304
CHR4	17211015	CHR4:17211015	SSF x Far_LoA	-6,58586457	-0,035	0,302
CHR4	17211124	CHR4:17211124	SSF x Far_LoA	-10,7898647	0,004	0,307
CHR4	17211276	CHR4:17211276	SSF x Far_LoA	-11,1450297	0,047	0,290
CHR4	17211376	CHR4:17211376	SSF x Far_LoA	-10,0232088	-0,018	0,307
CHR4	17213674	CHR4:17213674	SSF x Far_LoA	-8,80202643	0,056	0,295
CHR4	17214167	CHR4:17214167	SSF x Far_LoA	-8,49525636	-0,095	0,325
CHR4	17214172	CHR4:17214172	SSF x Far_LoA	-8,99573687	0,034	0,330
CHR4	17214178	CHR4:17214178	SSF x Far_LoA	-7,67592958	-0,081	0,316
CHR4	17225094	CHR4:17225094	SSF x Far_LoA	-9,55493624	0,079	0,309
CHR4	17226552	CHR4:17226552	SSF x Far_LoA	-11,0181443	0,005	0,305
CHR4	17228434	CHR4:17228434	SSF x Far_LoA	-9,00193865	-0,020	0,311
CHR4	17228484	CHR4:17228484	SSF x Far_LoA	-7,36641457	0,029	0,303
CHR4	17229846	CHR4:17229846	SSF x Far_LoA	-11,2112345	0,044	0,297
CHR4	17229912	CHR4:17229912	SSF x Far_LoA	-10,0529251	0,062	0,304
CHR4	17231535	CHR4:17231535	SSF x Far_LoA	-9,56789503	-0,012	0,308
CHR4	17236591	CHR4:17236591	SSF x Far_LoA	-11,0851475	-0,039	0,306
CHR4	17243613	CHR4:17243613	SSF x Far_LoA	-9,53060846	-0,141	0,290
CHR4	17247097	CHR4:17247097	SSF x Far_LoA	-10,4345898	0,144	0,295
CHR4	17247166	CHR4:17247166	SSF x Far_LoA	-9,61615244	0,100	0,289
CHR4	17257411	CHR4:17257411	SSF x Far_LoA	-3,03166224	-0,214	0,298
CHR4	17257531	CHR4:17257531	SSF x Far_LoA	-9,00903922	-0,082	0,306
CHR4	17257595	CHR4:17257595	SSF x Far_LoA	-10,1071217	-0,037	0,320
CHR4	17257605	CHR4:17257605	SSF x Far_LoA	-10,4738719	-0,041	0,311
CHR4	17259729	CHR4:17259729	SSF x Far_LoA	-9,05963922	0,072	0,319
CHR4	17259754	CHR4:17259754	SSF x Far_LoA	-9,07670607	0,165	0,308
CHR4	17259769	CHR4:17259769	SSF x Far_LoA	-0,46856173	0,099	0,311
CHR4	17259779	CHR4:17259779	SSF x Far_LoA	-9,83813349	0,133	0,311
CHR4	17259799	CHR4:17259799	SSF x Far_LoA	-7,145146	-0,042	0,306
CHR4	17262761	CHR4:17262761	SSF x Far_LoA	-6,8449009	0,110	0,305
CHR4	17262772	CHR4:17262772	SSF x Far_LoA	-10,061142	0,039	0,313
CHR4	17266086	CHR4:17266086	SSF x Far_LoA	-9,70396281	-0,052	0,297
CHR4	17266182	CHR4:17266182	SSF x Far_LoA	-9,47021351	-0,114	0,305

CHR4	17266223	CHR4:17266223	SSF x Far_LoA	-8,29777251	0,044	0,312
CHR4	17269134	CHR4:17269134	SSF x Far_LoA	-9,19090999	-0,016	0,312
CHR4	17269200	CHR4:17269200	SSF x Far_LoA	-10,1626815	0,027	0,314
CHR4	17269251	CHR4:17269251	SSF x Far_LoA	-11,1143896	0,047	0,306
CHR4	17269265	CHR4:17269265	SSF x Far_LoA	-10,3838081	-0,005	0,313
CHR4	17269266	CHR4:17269266	SSF x Far_LoA	-9,7954599	-0,028	0,312
CHR4	17269326	CHR4:17269326	SSF x Far_LoA	-9,31171995	-0,022	0,304
CHR4	17269361	CHR4:17269361	SSF x Far_LoA	-8,4378552	-0,047	0,306
CHR4	17295806	CHR4:17295806	SSF x Far_LoA	-11,4751931	-0,007	0,318
CHR4	17295857	CHR4:17295857	SSF x Far_LoA	-4,84773629	0,216	0,299
CHR4	17295942	CHR4:17295942	SSF x Far_LoA	-7,54931028	0,182	0,296
CHR4	17298202	CHR4:17298202	SSF x Far_LoA	7,31182039	-0,059	0,322
CHR4	17298211	CHR4:17298211	SSF x Far_LoA	-8,20514885	-0,085	0,304
CHR4	17300869	CHR4:17300869	SSF x Far_LoA	-10,7777828	0,039	0,313
CHR4	17303871	CHR4:17303871	SSF x Far_LoA	-9,61976954	-0,026	0,322
CHR4	17316799	CHR4:17316799	SSF x Far_LoA	-8,71396187	-0,070	0,307
CHR4	17322451	CHR4:17322451	SSF x Far_LoA	-9,74849044	-0,073	0,310
CHR4	17322480	CHR4:17322480	SSF x Far_LoA	-5,88765808	-0,220	0,296
CHR4	17328344	CHR4:17328344	SSF x Far_LoA	-9,04955254	-0,134	0,291
CHR4	17330015	CHR4:17330015	SSF x Far_LoA	-1,98339679	-0,023	0,302
CHR4	17330105	CHR4:17330105	SSF x Far_LoA	-9,26245422	-0,007	0,291
CHR4	17332667	CHR4:17332667	SSF x Far_LoA	-6,86080892	0,016	0,306
CHR4	17332681	CHR4:17332681	SSF x Far_LoA	-8,72986766	-0,068	0,299
CHR4	17332689	CHR4:17332689	SSF x Far_LoA	-9,96751462	0,121	0,297
CHR4	17335241	CHR4:17335241	SSF x Far_LoA	0,49792687	-0,012	0,313
CHR4	17335321	CHR4:17335321	SSF x Far_LoA	-9,42687453	-0,028	0,314
CHR4	17335627	CHR4:17335627	SSF x Far_LoA	-8,35002446	0,000	0,320
CHR4	17335712	CHR4:17335712	SSF x Far_LoA	-11,4709075	0,009	0,305
CHR4	17335733	CHR4:17335733	SSF x Far_LoA	-8,63705915	0,022	0,299
CHR4	17340559	CHR4:17340559	SSF x Far_LoA	-9,90033935	0,074	0,311
CHR4	17340646	CHR4:17340646	SSF x Far_LoA	-10,9866753	0,056	0,316
CHR4	17342960	CHR4:17342960	SSF x Far_LoA	-3,39269605	-0,118	0,308
CHR4	1735332	CHR4:1735332	SSF x Far_LoA	-9,46498162	-0,067	0,313
CHR4	1735485	CHR4:1735485	SSF x Far_LoA	-8,98710699	-0,038	0,305
CHR4	1735533	CHR4:1735533	SSF x Far_LoA	-11,3797797	-0,076	0,312
CHR4	1735535	CHR4:1735535	SSF x Far_LoA	-8,4631991	0,024	0,318
CHR4	17360937	CHR4:17360937	SSF x Far_LoA	-7,7307377	-0,044	0,312
CHR4	17360984	CHR4:17360984	SSF x Far_LoA	-8,77107757	-0,057	0,287
CHR4	17360989	CHR4:17360989	SSF x Far_LoA	-6,09475042	-0,037	0,305
CHR4	17360990	CHR4:17360990	SSF x Far_LoA	-7,56838274	-0,039	0,303
CHR4	17361043	CHR4:17361043	SSF x Far_LoA	-7,24072312	-0,045	0,315
CHR4	17361046	CHR4:17361046	SSF x Far_LoA	-8,00114402	-0,061	0,306
CHR4	17366217	CHR4:17366217	SSF x Far_LoA	-8,52810003	0,008	0,318
CHR4	17366225	CHR4:17366225	SSF x Far_LoA	-11,3434345	0,014	0,305
CHR4	17366277	CHR4:17366277	SSF x Far_LoA	-8,26508973	0,078	0,289
CHR4	17366314	CHR4:17366314	SSF x Far_LoA	-8,7988383	0,060	0,306
CHR4	17366361	CHR4:17366361	SSF x Far_LoA	-10,3753071	0,015	0,304
CHR4	1737245	CHR4:1737245	SSF x Far_LoA	-9,8133746	0,092	0,316
CHR4	17373563	CHR4:17373563	SSF x Far_LoA	-10,2546392	-0,001	0,319
CHR4	17380665	CHR4:17380665	SSF x Far_LoA	-8,5384207	-0,077	0,297
CHR4	17380674	CHR4:17380674	SSF x Far_LoA	-8,85987734	-0,043	0,302
CHR4	17380679	CHR4:17380679	SSF x Far_LoA	-7,94478842	-0,108	0,307
CHR4	17380692	CHR4:17380692	SSF x Far_LoA	-8,00317377	-0,088	0,290

CHR4	17380706	CHR4:17380706	SSF x Far_LoA	-6,5084754	-0,090	0,306
CHR4	17380707	CHR4:17380707	SSF x Far_LoA	-6,1384	-0,063	0,306
CHR4	17381104	CHR4:17381104	SSF x Far_LoA	-9,96504413	0,115	0,290
CHR4	17381136	CHR4:17381136	SSF x Far_LoA	-11,1308349	0,038	0,306
CHR4	17381190	CHR4:17381190	SSF x Far_LoA	-9,47157623	-0,029	0,307
CHR4	17381255	CHR4:17381255	SSF x Far_LoA	-10,6097604	0,068	0,303
CHR4	17388376	CHR4:17388376	SSF x Far_LoA	-12,3026952	-0,015	0,305
CHR4	17388381	CHR4:17388381	SSF x Far_LoA	-7,89597038	0,072	0,308
CHR4	17392817	CHR4:17392817	SSF x Far_LoA	-9,57988308	0,012	0,299
CHR4	17392874	CHR4:17392874	SSF x Far_LoA	-7,70723007	0,065	0,321
CHR4	17393023	CHR4:17393023	SSF x Far_LoA	-8,77232914	0,117	0,301
CHR4	17393697	CHR4:17393697	SSF x Far_LoA	-2,2470987	-0,064	0,306
CHR4	17393749	CHR4:17393749	SSF x Far_LoA	-7,4039303	0,158	0,285
CHR4	17393785	CHR4:17393785	SSF x Far_LoA	-10,5996291	0,086	0,305
CHR4	17393813	CHR4:17393813	SSF x Far_LoA	-7,61302809	-0,091	0,314
CHR4	17393840	CHR4:17393840	SSF x Far_LoA	-9,26199536	0,113	0,294
CHR4	17393842	CHR4:17393842	SSF x Far_LoA	-8,30777649	0,103	0,301
CHR4	17393844	CHR4:17393844	SSF x Far_LoA	-7,67518546	0,082	0,307
CHR4	17393851	CHR4:17393851	SSF x Far_LoA	-6,52324783	0,084	0,286
CHR4	17393854	CHR4:17393854	SSF x Far_LoA	-9,60030002	0,097	0,289
CHR4	17393855	CHR4:17393855	SSF x Far_LoA	-9,61403416	0,090	0,294
CHR4	17393862	CHR4:17393862	SSF x Far_LoA	-10,3692182	0,102	0,286
CHR4	17393864	CHR4:17393864	SSF x Far_LoA	-8,04102671	0,109	0,306
CHR4	17393865	CHR4:17393865	SSF x Far_LoA	-7,93210422	0,095	0,297
CHR4	17393874	CHR4:17393874	SSF x Far_LoA	-11,2079284	0,073	0,305
CHR4	17393905	CHR4:17393905	SSF x Far_LoA	-6,78301113	0,106	0,293
CHR4	17397634	CHR4:17397634	SSF x Far_LoA	-7,57059649	0,156	0,301
CHR4	17397665	CHR4:17397665	SSF x Far_LoA	-7,99168458	0,118	0,314
CHR4	17397714	CHR4:17397714	SSF x Far_LoA	-7,5550407	0,113	0,312
CHR4	17397730	CHR4:17397730	SSF x Far_LoA	-9,84718449	-0,039	0,308
CHR4	17397731	CHR4:17397731	SSF x Far_LoA	-9,79866897	-0,034	0,316
CHR4	17397784	CHR4:17397784	SSF x Far_LoA	-9,8823463	-0,103	0,294
CHR4	17397788	CHR4:17397788	SSF x Far_LoA	-9,28584014	0,040	0,320
CHR4	17397804	CHR4:17397804	SSF x Far_LoA	-10,6653567	0,062	0,313
CHR4	17404670	CHR4:17404670	SSF x Far_LoA	-12,9329359	-0,014	0,289
CHR4	17404674	CHR4:17404674	SSF x Far_LoA	-12,1392403	0,001	0,309
CHR4	17404675	CHR4:17404675	SSF x Far_LoA	-11,3024451	-0,042	0,306
CHR4	17404680	CHR4:17404680	SSF x Far_LoA	-11,8501041	0,004	0,310
CHR4	17404683	CHR4:17404683	SSF x Far_LoA	-12,8175158	-0,004	0,302
CHR4	17404850	CHR4:17404850	SSF x Far_LoA	-10,2400288	-0,126	0,309
CHR4	17411197	CHR4:17411197	SSF x Far_LoA	-5,60897733	0,037	0,313
CHR4	17411272	CHR4:17411272	SSF x Far_LoA	-8,13500061	-0,100	0,302
CHR4	17411307	CHR4:17411307	SSF x Far_LoA	-9,00182548	-0,003	0,314
CHR4	17411340	CHR4:17411340	SSF x Far_LoA	-9,97274058	0,012	0,306
CHR4	17411362	CHR4:17411362	SSF x Far_LoA	-8,7989653	-0,047	0,303
CHR4	17411364	CHR4:17411364	SSF x Far_LoA	-9,75676769	-0,079	0,308
CHR4	17411433	CHR4:17411433	SSF x Far_LoA	-11,3450862	-0,049	0,309
CHR4	17411438	CHR4:17411438	SSF x Far_LoA	-10,3626056	-0,040	0,297
CHR4	17411481	CHR4:17411481	SSF x Far_LoA	-6,84124307	-0,099	0,301
CHR4	17419801	CHR4:17419801	SSF x Far_LoA	-8,83955278	-0,044	0,301
CHR4	17419940	CHR4:17419940	SSF x Far_LoA	-6,25541938	0,125	0,310
CHR4	17422468	CHR4:17422468	SSF x Far_LoA	-7,90224144	0,067	0,314
CHR4	17422498	CHR4:17422498	SSF x Far_LoA	-9,90253874	-0,058	0,323

CHR4	17429531	CHR4:17429531	SSF x Far_LoA	-7,99621861	-0,111	0,312
CHR4	17429573	CHR4:17429573	SSF x Far_LoA	-9,49004199	0,030	0,321
CHR4	17429581	CHR4:17429581	SSF x Far_LoA	-6,66782585	0,142	0,311
CHR4	17429613	CHR4:17429613	SSF x Far_LoA	-9,47692419	-0,073	0,308
CHR4	17429740	CHR4:17429740	SSF x Far_LoA	-9,292214	-0,006	0,319
CHR4	17441643	CHR4:17441643	SSF x Far_LoA	-8,48573321	-0,028	0,326
CHR4	17441665	CHR4:17441665	SSF x Far_LoA	-10,7104421	-0,017	0,289
CHR4	17441698	CHR4:17441698	SSF x Far_LoA	-10,187641	-0,104	0,311
CHR4	17441736	CHR4:17441736	SSF x Far_LoA	-9,16598227	-0,116	0,319
CHR4	17448861	CHR4:17448861	SSF x Far_LoA	-11,65769	-0,044	0,300
CHR4	17448945	CHR4:17448945	SSF x Far_LoA	-9,65381708	0,036	0,294
CHR4	17448986	CHR4:17448986	SSF x Far_LoA	-10,3534684	-0,021	0,319
CHR4	17455483	CHR4:17455483	SSF x Far_LoA	-10,495128	-0,119	0,308
CHR4	17455612	CHR4:17455612	SSF x Far_LoA	-6,93475332	-0,086	0,303
CHR4	17455816	CHR4:17455816	SSF x Far_LoA	-3,50197744	-0,073	0,316
CHR4	17455817	CHR4:17455817	SSF x Far_LoA	-9,21227086	-0,052	0,283
CHR4	17455855	CHR4:17455855	SSF x Far_LoA	-9,5076359	-0,073	0,306
CHR4	17455882	CHR4:17455882	SSF x Far_LoA	-8,23877203	0,048	0,334
CHR4	17455912	CHR4:17455912	SSF x Far_LoA	-7,45429404	-0,029	0,325
CHR4	17455936	CHR4:17455936	SSF x Far_LoA	-10,2937806	-0,078	0,315
CHR4	17455941	CHR4:17455941	SSF x Far_LoA	-10,524152	0,046	0,303
CHR4	17455943	CHR4:17455943	SSF x Far_LoA	-9,12099758	-0,019	0,318
CHR4	17463836	CHR4:17463836	SSF x Far_LoA	-7,95453815	0,037	0,313
CHR4	17463884	CHR4:17463884	SSF x Far_LoA	-11,530182	0,030	0,301
CHR4	17463942	CHR4:17463942	SSF x Far_LoA	-9,41669771	0,003	0,304
CHR4	17463948	CHR4:17463948	SSF x Far_LoA	-9,95907668	0,040	0,304
CHR4	17477271	CHR4:17477271	SSF x Far_LoA	-7,94002322	0,040	0,291
CHR4	17477367	CHR4:17477367	SSF x Far_LoA	-8,84001352	-0,058	0,298
CHR4	17477558	CHR4:17477558	SSF x Far_LoA	-8,6233256	-0,155	0,305
CHR4	17477567	CHR4:17477567	SSF x Far_LoA	-11,0974007	0,018	0,309
CHR4	1747869	CHR4:1747869	SSF x Far_LoA	-9,26129441	0,110	0,295
CHR4	17479168	CHR4:17479168	SSF x Far_LoA	-8,72707366	-0,094	0,305
CHR4	17479272	CHR4:17479272	SSF x Far_LoA	-6,57165794	0,160	0,281
CHR4	17483974	CHR4:17483974	SSF x Far_LoA	-7,85089622	-0,107	0,301
CHR4	17484032	CHR4:17484032	SSF x Far_LoA	-10,3480611	0,089	0,310
CHR4	17484058	CHR4:17484058	SSF x Far_LoA	-7,5202767	-0,118	0,304
CHR4	17484080	CHR4:17484080	SSF x Far_LoA	-8,4778994	-0,014	0,310
CHR4	1748681	CHR4:1748681	SSF x Far_LoA	-9,07902211	-0,013	0,306
CHR4	17495580	CHR4:17495580	SSF x Far_LoA	-4,34705918	-0,003	0,308
CHR4	17495672	CHR4:17495672	SSF x Far_LoA	-10,7052441	0,090	0,302
CHR4	17495769	CHR4:17495769	SSF x Far_LoA	-10,0054197	0,009	0,311
CHR4	17495862	CHR4:17495862	SSF x Far_LoA	-7,266353	-0,032	0,304
CHR4	17495893	CHR4:17495893	SSF x Far_LoA	-9,07913035	0,002	0,300
CHR4	17500104	CHR4:17500104	SSF x Far_LoA	-8,27349384	-0,098	0,316
CHR4	17500108	CHR4:17500108	SSF x Far_LoA	-9,42094179	0,102	0,295
CHR4	17500124	CHR4:17500124	SSF x Far_LoA	-9,87777162	0,053	0,300
CHR4	17500184	CHR4:17500184	SSF x Far_LoA	-9,79947481	0,072	0,297
CHR4	17500194	CHR4:17500194	SSF x Far_LoA	-9,4816561	0,030	0,320
CHR4	17500228	CHR4:17500228	SSF x Far_LoA	-10,5587864	0,009	0,308
CHR4	17500243	CHR4:17500243	SSF x Far_LoA	-11,6384184	0,028	0,314
CHR4	17500248	CHR4:17500248	SSF x Far_LoA	-11,4504163	0,011	0,317
CHR4	17500255	CHR4:17500255	SSF x Far_LoA	-10,4899037	0,055	0,310
CHR4	17500285	CHR4:17500285	SSF x Far_LoA	-10,8976943	0,038	0,318

CHR4	175004	CHR4:175004	SSF x Far_LoA	-8,36418844	-0,035	0,308
CHR4	17512365	CHR4:17512365	SSF x Far_LoA	-9,03440186	0,024	0,315
CHR4	17512677	CHR4:17512677	SSF x Far_LoA	-9,37548147	-0,003	0,318
CHR4	17512732	CHR4:17512732	SSF x Far_LoA	-10,8866797	-0,024	0,311
CHR4	17517413	CHR4:17517413	SSF x Far_LoA	-8,83064459	-0,068	0,307
CHR4	17517440	CHR4:17517440	SSF x Far_LoA	-8,71313125	-0,075	0,303
CHR4	17517444	CHR4:17517444	SSF x Far_LoA	-9,58082884	0,011	0,296
CHR4	17518325	CHR4:17518325	SSF x Far_LoA	-8,39516661	-0,035	0,301
CHR4	17518371	CHR4:17518371	SSF x Far_LoA	-9,2967744	0,158	0,305
CHR4	17518438	CHR4:17518438	SSF x Far_LoA	-7,02360579	-0,097	0,307
CHR4	17528209	CHR4:17528209	SSF x Far_LoA	-11,8438861	-0,016	0,315
CHR4	17528248	CHR4:17528248	SSF x Far_LoA	-10,2150694	-0,051	0,311
CHR4	17528273	CHR4:17528273	SSF x Far_LoA	-10,3671515	0,059	0,273
CHR4	17528359	CHR4:17528359	SSF x Far_LoA	-9,45213882	0,042	0,310
CHR4	17528442	CHR4:17528442	SSF x Far_LoA	-11,2805602	0,029	0,323
CHR4	17528505	CHR4:17528505	SSF x Far_LoA	-9,87609311	-0,024	0,306
CHR4	17540165	CHR4:17540165	SSF x Far_LoA	-8,97329939	0,066	0,307
CHR4	17540168	CHR4:17540168	SSF x Far_LoA	-10,4399421	0,012	0,316
CHR4	17540199	CHR4:17540199	SSF x Far_LoA	-9,00280857	0,050	0,303
CHR4	17540254	CHR4:17540254	SSF x Far_LoA	-8,41090924	0,065	0,293
CHR4	17540269	CHR4:17540269	SSF x Far_LoA	-7,82008048	0,062	0,304
CHR4	17540314	CHR4:17540314	SSF x Far_LoA	-12,1945075	-0,025	0,309
CHR4	17540337	CHR4:17540337	SSF x Far_LoA	-9,06629245	-0,005	0,318
CHR4	17544541	CHR4:17544541	SSF x Far_LoA	-5,13151009	0,019	0,307
CHR4	17544552	CHR4:17544552	SSF x Far_LoA	-12,9964957	0,012	0,291
CHR4	17544609	CHR4:17544609	SSF x Far_LoA	-9,60275459	0,024	0,332
CHR4	17544625	CHR4:17544625	SSF x Far_LoA	-8,28938988	-0,065	0,316
CHR4	17547070	CHR4:17547070	SSF x Far_LoA	-10,9530507	0,041	0,306
CHR4	17547125	CHR4:17547125	SSF x Far_LoA	-8,55429281	-0,060	0,315
CHR4	17547194	CHR4:17547194	SSF x Far_LoA	-9,8740843	0,043	0,318
CHR4	17547220	CHR4:17547220	SSF x Far_LoA	-9,83160415	-0,029	0,300
CHR4	17547306	CHR4:17547306	SSF x Far_LoA	-9,75229404	0,011	0,301
CHR4	17555087	CHR4:17555087	SSF x Far_LoA	-8,45663449	0,047	0,304
CHR4	17555145	CHR4:17555145	SSF x Far_LoA	-4,88225369	0,104	0,305
CHR4	17573430	CHR4:17573430	SSF x Far_LoA	-5,78667944	0,033	0,306
CHR4	17573446	CHR4:17573446	SSF x Far_LoA	-7,54680695	-0,134	0,309
CHR4	17575793	CHR4:17575793	SSF x Far_LoA	-8,04041205	0,084	0,318
CHR4	17575957	CHR4:17575957	SSF x Far_LoA	-10,4180707	-0,108	0,311
CHR4	17582902	CHR4:17582902	SSF x Far_LoA	-6,90292648	0,101	0,294
CHR4	17583036	CHR4:17583036	SSF x Far_LoA	-7,44704467	-0,062	0,315
CHR4	17583083	CHR4:17583083	SSF x Far_LoA	-9,17924883	-0,099	0,302
CHR4	17583105	CHR4:17583105	SSF x Far_LoA	-9,78757744	-0,081	0,297
CHR4	17583111	CHR4:17583111	SSF x Far_LoA	-9,7768707	0,090	0,317
CHR4	17585032	CHR4:17585032	SSF x Far_LoA	-11,616273	-0,005	0,296
CHR4	17587977	CHR4:17587977	SSF x Far_LoA	-10,033612	-0,056	0,306
CHR4	17588270	CHR4:17588270	SSF x Far_LoA	-10,6211799	0,025	0,301
CHR4	17588272	CHR4:17588272	SSF x Far_LoA	-11,134885	-0,009	0,324
CHR4	17598880	CHR4:17598880	SSF x Far_LoA	-8,23133309	0,087	0,306
CHR4	17598994	CHR4:17598994	SSF x Far_LoA	-9,99273005	-0,025	0,311
CHR4	17599071	CHR4:17599071	SSF x Far_LoA	-6,26666959	0,083	0,330
CHR4	17603909	CHR4:17603909	SSF x Far_LoA	-8,40901112	-0,013	0,304
CHR4	17604165	CHR4:17604165	SSF x Far_LoA	-10,6005084	0,059	0,308
CHR4	17606507	CHR4:17606507	SSF x Far_LoA	-7,91296936	-0,037	0,303

CHR4	17610795	CHR4:17610795	SSF x Far_LoA	-12,0105557	0,002	0,283
CHR4	17610837	CHR4:17610837	SSF x Far_LoA	-8,0866787	-0,050	0,311
CHR4	17610903	CHR4:17610903	SSF x Far_LoA	-8,36467106	-0,068	0,305
CHR4	17619186	CHR4:17619186	SSF x Far_LoA	-8,11988209	-0,080	0,313
CHR4	17619198	CHR4:17619198	SSF x Far_LoA	-5,81165869	0,036	0,313
CHR4	17619273	CHR4:17619273	SSF x Far_LoA	-8,41602123	-0,077	0,308
CHR4	17619404	CHR4:17619404	SSF x Far_LoA	-6,76222067	0,069	0,300
CHR4	17629071	CHR4:17629071	SSF x Far_LoA	-9,32615751	0,073	0,308
CHR4	17633422	CHR4:17633422	SSF x Far_LoA	-11,3691982	0,067	0,311
CHR4	17638858	CHR4:17638858	SSF x Far_LoA	-10,6948575	-0,038	0,321
CHR4	17638883	CHR4:17638883	SSF x Far_LoA	-9,64913474	-0,096	0,305
CHR4	17650154	CHR4:17650154	SSF x Far_LoA	-9,56956482	-0,029	0,317
CHR4	17650158	CHR4:17650158	SSF x Far_LoA	-10,1550733	-0,010	0,310
CHR4	17650174	CHR4:17650174	SSF x Far_LoA	-9,38116371	0,038	0,297
CHR4	17650201	CHR4:17650201	SSF x Far_LoA	-6,96182015	-0,119	0,301
CHR4	17650250	CHR4:17650250	SSF x Far_LoA	-8,02084891	-0,049	0,302
CHR4	17650362	CHR4:17650362	SSF x Far_LoA	-9,24195489	-0,055	0,305
CHR4	1765098	CHR4:1765098	SSF x Far_LoA	-8,90050442	-0,027	0,303
CHR4	1765114	CHR4:1765114	SSF x Far_LoA	-10,1959767	0,016	0,310
CHR4	17687767	CHR4:17687767	SSF x Far_LoA	-9,17744702	0,063	0,317
CHR4	17709742	CHR4:17709742	SSF x Far_LoA	-8,40074141	0,097	0,289
CHR4	17709765	CHR4:17709765	SSF x Far_LoA	-11,4523382	0,035	0,308
CHR4	1772903	CHR4:1772903	SSF x Far_LoA	-10,3767865	-0,015	0,302
CHR4	17739597	CHR4:17739597	SSF x Far_LoA	-9,7388961	-0,021	0,301
CHR4	17753915	CHR4:17753915	SSF x Far_LoA	-7,83026371	0,015	0,333
CHR4	17753980	CHR4:17753980	SSF x Far_LoA	-6,54173789	-0,015	0,326
CHR4	17754121	CHR4:17754121	SSF x Far_LoA	-8,6939165	0,001	0,315
CHR4	17754192	CHR4:17754192	SSF x Far_LoA	-8,02387931	0,005	0,324
CHR4	17754203	CHR4:17754203	SSF x Far_LoA	-7,4709737	-0,016	0,312
CHR4	17754221	CHR4:17754221	SSF x Far_LoA	-8,60512393	0,024	0,318
CHR4	17754252	CHR4:17754252	SSF x Far_LoA	-8,57758918	0,014	0,320
CHR4	17754278	CHR4:17754278	SSF x Far_LoA	-7,9113512	0,021	0,318
CHR4	17754288	CHR4:17754288	SSF x Far_LoA	-9,09445672	0,025	0,321
CHR4	17754337	CHR4:17754337	SSF x Far_LoA	-6,28252985	-0,029	0,314
CHR4	17763188	CHR4:17763188	SSF x Far_LoA	-10,0590664	-0,104	0,327
CHR4	1778486	CHR4:1778486	SSF x Far_LoA	-9,57943375	-0,125	0,316
CHR4	1778514	CHR4:1778514	SSF x Far_LoA	-10,7825824	-0,107	0,307
CHR4	1778550	CHR4:1778550	SSF x Far_LoA	-9,30504888	-0,097	0,300
CHR4	1778633	CHR4:1778633	SSF x Far_LoA	-8,91318327	0,035	0,324
CHR4	1778654	CHR4:1778654	SSF x Far_LoA	-9,55884542	-0,041	0,303
CHR4	1778658	CHR4:1778658	SSF x Far_LoA	-9,43867315	-0,014	0,322
CHR4	1778668	CHR4:1778668	SSF x Far_LoA	-10,492799	-0,050	0,295
CHR4	1778689	CHR4:1778689	SSF x Far_LoA	-10,4677476	0,052	0,317
CHR4	1778700	CHR4:1778700	SSF x Far_LoA	-10,9866772	-0,028	0,297
CHR4	17901675	CHR4:17901675	SSF x Far_LoA	-9,7422938	-0,097	0,313
CHR4	1790878	CHR4:1790878	SSF x Far_LoA	-10,8696714	0,074	0,319
CHR4	1790885	CHR4:1790885	SSF x Far_LoA	-10,3897831	-0,025	0,306
CHR4	1790911	CHR4:1790911	SSF x Far_LoA	-10,3411772	0,050	0,304
CHR4	1790935	CHR4:1790935	SSF x Far_LoA	-7,93721992	0,136	0,305
CHR4	1790940	CHR4:1790940	SSF x Far_LoA	-10,5160248	0,018	0,316
CHR4	1790968	CHR4:1790968	SSF x Far_LoA	-9,1192088	0,008	0,304
CHR4	18060282	CHR4:18060282	SSF x Far_LoA	-7,35212824	-0,012	0,332
CHR4	18060311	CHR4:18060311	SSF x Far_LoA	-7,47783531	-0,016	0,322

CHR4	18060391	CHR4:18060391	SSF x Far_LoA	-8,74331426	-0,009	0,319
CHR4	18111621	CHR4:18111621	SSF x Far_LoA	-11,3782827	0,031	0,311
CHR4	1812553	CHR4:1812553	SSF x Far_LoA	-10,0316319	0,036	0,311
CHR4	1813336	CHR4:1813336	SSF x Far_LoA	-11,1819833	0,048	0,297
CHR4	18186166	CHR4:18186166	SSF x Far_LoA	-10,5028328	-0,002	0,294
CHR4	18186177	CHR4:18186177	SSF x Far_LoA	-8,66385472	0,020	0,304
CHR4	18186184	CHR4:18186184	SSF x Far_LoA	-9,39572071	0,000	0,304
CHR4	18186201	CHR4:18186201	SSF x Far_LoA	-9,67924667	-0,009	0,302
CHR4	18186212	CHR4:18186212	SSF x Far_LoA	-10,0435061	0,004	0,303
CHR4	18186233	CHR4:18186233	SSF x Far_LoA	-10,5829517	0,006	0,299
CHR4	18186238	CHR4:18186238	SSF x Far_LoA	-9,60272869	0,038	0,305
CHR4	18186239	CHR4:18186239	SSF x Far_LoA	-10,0890159	0,026	0,306
CHR4	18186278	CHR4:18186278	SSF x Far_LoA	-9,68695629	-0,019	0,305
CHR4	18186288	CHR4:18186288	SSF x Far_LoA	-7,11524871	0,043	0,307
CHR4	18186295	CHR4:18186295	SSF x Far_LoA	-10,0797908	0,009	0,294
CHR4	1819468	CHR4:1819468	SSF x Far_LoA	-9,79190236	0,017	0,324
CHR4	1819526	CHR4:1819526	SSF x Far_LoA	-5,31259948	0,181	0,301
CHR4	18195768	CHR4:18195768	SSF x Far_LoA	-6,17514899	-0,030	0,321
CHR4	18215581	CHR4:18215581	SSF x Far_LoA	-7,77601138	0,154	0,306
CHR4	18269970	CHR4:18269970	SSF x Far_LoA	-8,61652985	-0,003	0,309
CHR4	18269982	CHR4:18269982	SSF x Far_LoA	-7,99770079	-0,015	0,310
CHR4	18270050	CHR4:18270050	SSF x Far_LoA	-7,95189391	-0,001	0,311
CHR4	18321086	CHR4:18321086	SSF x Far_LoA	-9,15135667	-0,022	0,304
CHR4	1834055	CHR4:1834055	SSF x Far_LoA	-7,45765382	0,087	0,309
CHR4	1834129	CHR4:1834129	SSF x Far_LoA	-9,94318142	-0,016	0,297
CHR4	1834213	CHR4:1834213	SSF x Far_LoA	-9,76197372	0,062	0,297
CHR4	1835640	CHR4:1835640	SSF x Far_LoA	-8,21890312	0,127	0,304
CHR4	18368277	CHR4:18368277	SSF x Far_LoA	-7,49083622	0,001	0,317
CHR4	18500644	CHR4:18500644	SSF x Far_LoA	-11,1991169	0,064	0,298
CHR4	185162	CHR4:185162	SSF x Far_LoA	-8,9444233	0,079	0,307
CHR4	18525989	CHR4:18525989	SSF x Far_LoA	-7,16524164	0,207	0,293
CHR4	185278	CHR4:185278	SSF x Far_LoA	-10,2773678	0,009	0,318
CHR4	18535835	CHR4:18535835	SSF x Far_LoA	-7,26085583	0,102	0,295
CHR4	18611947	CHR4:18611947	SSF x Far_LoA	-9,60138117	0,001	0,325
CHR4	18653737	CHR4:18653737	SSF x Far_LoA	-9,26882712	-0,096	0,311
CHR4	18747758	CHR4:18747758	SSF x Far_LoA	-8,99770686	0,001	0,321
CHR4	18747762	CHR4:18747762	SSF x Far_LoA	-9,3980742	0,003	0,308
CHR4	18747777	CHR4:18747777	SSF x Far_LoA	-8,40328128	-0,012	0,319
CHR4	18747825	CHR4:18747825	SSF x Far_LoA	-8,96903577	0,024	0,320
CHR4	18747833	CHR4:18747833	SSF x Far_LoA	-9,19361076	0,019	0,313
CHR4	18747857	CHR4:18747857	SSF x Far_LoA	-8,36975912	0,006	0,323
CHR4	18747899	CHR4:18747899	SSF x Far_LoA	-8,83997939	0,017	0,315
CHR4	18747906	CHR4:18747906	SSF x Far_LoA	-8,34766832	0,029	0,326
CHR4	18747916	CHR4:18747916	SSF x Far_LoA	-8,64123384	0,019	0,318
CHR4	18747944	CHR4:18747944	SSF x Far_LoA	-7,69839851	0,043	0,322
CHR4	18747988	CHR4:18747988	SSF x Far_LoA	-9,8851266	-0,022	0,305
CHR4	18747992	CHR4:18747992	SSF x Far_LoA	-8,73537688	-0,006	0,323
CHR4	18748044	CHR4:18748044	SSF x Far_LoA	-7,48359465	0,008	0,322
CHR4	18748100	CHR4:18748100	SSF x Far_LoA	-8,9920646	0,010	0,313
CHR4	18748129	CHR4:18748129	SSF x Far_LoA	-8,79847669	0,015	0,326
CHR4	1875451	CHR4:1875451	SSF x Far_LoA	-8,57394694	0,145	0,294
CHR4	1875458	CHR4:1875458	SSF x Far_LoA	-8,07675916	0,153	0,304
CHR4	1875481	CHR4:1875481	SSF x Far_LoA	-8,5370198	0,143	0,312

CHR4	18789614	CHR4:18789614	SSF x Far_LoA	-7,28519569	0,052	0,315
CHR4	18789620	CHR4:18789620	SSF x Far_LoA	-8,94733282	0,022	0,314
CHR4	18789683	CHR4:18789683	SSF x Far_LoA	-7,09241489	-0,023	0,304
CHR4	18789693	CHR4:18789693	SSF x Far_LoA	-8,46276575	0,015	0,324
CHR4	18789710	CHR4:18789710	SSF x Far_LoA	-7,1004787	0,008	0,316
CHR4	18795935	CHR4:18795935	SSF x Far_LoA	-6,44594302	0,006	0,310
CHR4	18795940	CHR4:18795940	SSF x Far_LoA	-9,73220444	0,010	0,309
CHR4	18796011	CHR4:18796011	SSF x Far_LoA	-7,54826451	-0,005	0,321
CHR4	18796022	CHR4:18796022	SSF x Far_LoA	-9,46359703	0,016	0,307
CHR4	18796026	CHR4:18796026	SSF x Far_LoA	-8,60937131	0,011	0,317
CHR4	18796032	CHR4:18796032	SSF x Far_LoA	-8,47492282	-0,003	0,314
CHR4	18796058	CHR4:18796058	SSF x Far_LoA	-8,70761446	0,015	0,330
CHR4	18796059	CHR4:18796059	SSF x Far_LoA	-7,99470056	-0,017	0,323
CHR4	18796060	CHR4:18796060	SSF x Far_LoA	-8,84209876	-0,049	0,321
CHR4	18796070	CHR4:18796070	SSF x Far_LoA	-7,54766549	-0,013	0,314
CHR4	18812255	CHR4:18812255	SSF x Far_LoA	-8,57498864	-0,002	0,300
CHR4	18812266	CHR4:18812266	SSF x Far_LoA	-11,2536128	-0,031	0,286
CHR4	18889968	CHR4:18889968	SSF x Far_LoA	-8,80734634	0,127	0,308
CHR4	18892433	CHR4:18892433	SSF x Far_LoA	-6,65057145	0,107	0,304
CHR4	18912389	CHR4:18912389	SSF x Far_LoA	-8,02568377	0,193	0,307
CHR4	18970440	CHR4:18970440	SSF x Far_LoA	-8,46610318	0,161	0,308
CHR4	19036926	CHR4:19036926	SSF x Far_LoA	-7,96923817	0,114	0,298
CHR4	1906124	CHR4:1906124	SSF x Far_LoA	-6,98328664	-0,206	0,305
CHR4	1906253	CHR4:1906253	SSF x Far_LoA	-8,95657179	0,040	0,316
CHR4	19085509	CHR4:19085509	SSF x Far_LoA	-10,8061074	0,006	0,311
CHR4	19153037	CHR4:19153037	SSF x Far_LoA	-11,0474702	0,003	0,309
CHR4	19153064	CHR4:19153064	SSF x Far_LoA	-9,67431605	0,025	0,309
CHR4	19153196	CHR4:19153196	SSF x Far_LoA	-10,2923824	0,017	0,311
CHR4	19153209	CHR4:19153209	SSF x Far_LoA	-10,2780345	-0,009	0,307
CHR4	19160186	CHR4:19160186	SSF x Far_LoA	-10,5244177	0,065	0,296
CHR4	19170612	CHR4:19170612	SSF x Far_LoA	-8,16445791	0,087	0,296
CHR4	19170674	CHR4:19170674	SSF x Far_LoA	-7,65101746	0,164	0,290
CHR4	19170698	CHR4:19170698	SSF x Far_LoA	-6,23448155	-0,078	0,301
CHR4	1918133	CHR4:1918133	SSF x Far_LoA	-9,64631627	0,045	0,301
CHR4	1918171	CHR4:1918171	SSF x Far_LoA	-7,46449584	0,121	0,308
CHR4	1919231	CHR4:1919231	SSF x Far_LoA	-10,5304032	0,019	0,309
CHR4	1919303	CHR4:1919303	SSF x Far_LoA	-7,30876865	0,145	0,306
CHR4	19199664	CHR4:19199664	SSF x Far_LoA	-9,50249098	0,059	0,293
CHR4	19199781	CHR4:19199781	SSF x Far_LoA	-8,00463939	0,072	0,302
CHR4	19207583	CHR4:19207583	SSF x Far_LoA	-11,7939825	-0,030	0,312
CHR4	19219680	CHR4:19219680	SSF x Far_LoA	-6,80992986	0,118	0,313
CHR4	19219713	CHR4:19219713	SSF x Far_LoA	-7,02603656	0,118	0,303
CHR4	19225731	CHR4:19225731	SSF x Far_LoA	-7,6318873	-0,113	0,312
CHR4	19257754	CHR4:19257754	SSF x Far_LoA	-9,13756755	0,134	0,308
CHR4	19309221	CHR4:19309221	SSF x Far_LoA	-8,4336014	0,082	0,309
CHR4	1932438	CHR4:1932438	SSF x Far_LoA	-7,8745178	-0,012	0,321
CHR4	19373168	CHR4:19373168	SSF x Far_LoA	-8,98952923	0,018	0,308
CHR4	19382706	CHR4:19382706	SSF x Far_LoA	-8,95448909	-0,088	0,306
CHR4	19382779	CHR4:19382779	SSF x Far_LoA	-6,7798706	-0,042	0,321
CHR4	19387908	CHR4:19387908	SSF x Far_LoA	-4,19917065	-0,145	0,282
CHR4	19387942	CHR4:19387942	SSF x Far_LoA	-11,6292683	0,038	0,304
CHR4	19387954	CHR4:19387954	SSF x Far_LoA	-11,2502347	-0,101	0,305
CHR4	19387958	CHR4:19387958	SSF x Far_LoA	-9,88998576	-0,105	0,301

CHR4	19388131	CHR4:19388131	SSF x Far_LoA	-10,0500067	-0,078	0,305
CHR4	1939653	CHR4:1939653	SSF x Far_LoA	-9,6354352	0,064	0,296
CHR4	1939671	CHR4:1939671	SSF x Far_LoA	-8,1349499	0,136	0,302
CHR4	19404442	CHR4:19404442	SSF x Far_LoA	-8,07076843	-0,067	0,307
CHR4	19404473	CHR4:19404473	SSF x Far_LoA	-6,69116187	-0,132	0,293
CHR4	1940465	CHR4:1940465	SSF x Far_LoA	-9,2513637	0,071	0,306
CHR4	1940493	CHR4:1940493	SSF x Far_LoA	-8,06643232	0,015	0,312
CHR4	1940530	CHR4:1940530	SSF x Far_LoA	-8,28468897	0,031	0,311
CHR4	19421554	CHR4:19421554	SSF x Far_LoA	-8,42091027	-0,130	0,300
CHR4	19423533	CHR4:19423533	SSF x Far_LoA	-11,6665198	-0,063	0,308
CHR4	19423581	CHR4:19423581	SSF x Far_LoA	-11,1936806	-0,068	0,297
CHR4	19445503	CHR4:19445503	SSF x Far_LoA	-7,99412398	-0,097	0,317
CHR4	19445706	CHR4:19445706	SSF x Far_LoA	-9,8418598	-0,083	0,299
CHR4	19451338	CHR4:19451338	SSF x Far_LoA	-6,09168271	-0,137	0,312
CHR4	19451402	CHR4:19451402	SSF x Far_LoA	-8,51611118	-0,121	0,305
CHR4	19451422	CHR4:19451422	SSF x Far_LoA	-8,70053615	-0,102	0,309
CHR4	19451460	CHR4:19451460	SSF x Far_LoA	-5,96684458	-0,160	0,286
CHR4	19451623	CHR4:19451623	SSF x Far_LoA	-7,64314903	-0,126	0,289
CHR4	19451632	CHR4:19451632	SSF x Far_LoA	-7,32609746	-0,122	0,284
CHR4	19451696	CHR4:19451696	SSF x Far_LoA	-9,32965447	-0,142	0,300
CHR4	19451700	CHR4:19451700	SSF x Far_LoA	-5,23977066	-0,161	0,298
CHR4	19462083	CHR4:19462083	SSF x Far_LoA	-11,2359656	0,003	0,310
CHR4	1949754	CHR4:1949754	SSF x Far_LoA	-9,41860435	-0,008	0,308
CHR4	1949755	CHR4:1949755	SSF x Far_LoA	-9,54051774	-0,010	0,315
CHR4	1949795	CHR4:1949795	SSF x Far_LoA	-10,8914405	0,002	0,301
CHR4	1949843	CHR4:1949843	SSF x Far_LoA	-10,8018946	-0,083	0,308
CHR4	1949861	CHR4:1949861	SSF x Far_LoA	-8,53640971	-0,194	0,294
CHR4	1949925	CHR4:1949925	SSF x Far_LoA	-10,6932099	0,038	0,302
CHR4	1949973	CHR4:1949973	SSF x Far_LoA	-10,9975128	0,038	0,293
CHR4	2E+07	CHR4:19508974	SSF x Far_LoA	-8,41252687	-0,131	0,306
CHR4	2E+07	CHR4:19538188	SSF x Far_LoA	-9,31032287	0,080	0,307
CHR4	2E+07	CHR4:19551062	SSF x Far_LoA	-11,3660022	0,007	0,307
CHR4	2E+07	CHR4:19555111	SSF x Far_LoA	-11,5691145	0,003	0,310
CHR4	2E+07	CHR4:19569037	SSF x Far_LoA	-6,30826683	0,048	0,314
CHR4	2E+07	CHR4:19569161	SSF x Far_LoA	-11,1255989	0,103	0,294
CHR4	2E+07	CHR4:19581566	SSF x Far_LoA	-5,22696573	0,056	0,310
CHR4	2E+07	CHR4:19581610	SSF x Far_LoA	-10,187829	0,041	0,304
CHR4	2E+07	CHR4:19581657	SSF x Far_LoA	-9,9425241	0,091	0,297
CHR4	2E+07	CHR4:19592121	SSF x Far_LoA	-8,60081268	-0,021	0,300
CHR4	2E+07	CHR4:19592146	SSF x Far_LoA	-5,44193801	0,103	0,306
CHR4	2E+07	CHR4:19596782	SSF x Far_LoA	-9,78489738	0,047	0,307
CHR4	2E+07	CHR4:19596783	SSF x Far_LoA	-7,93873034	-0,110	0,304
CHR4	2E+07	CHR4:19596831	SSF x Far_LoA	-11,3849727	0,060	0,300
CHR4	2E+07	CHR4:19596832	SSF x Far_LoA	-8,50852889	0,026	0,309
CHR4	2E+07	CHR4:19615223	SSF x Far_LoA	-10,7836639	0,092	0,297
CHR4	2E+07	CHR4:19622556	SSF x Far_LoA	-10,9807048	-0,024	0,315
CHR4	2E+07	CHR4:19622559	SSF x Far_LoA	-8,37642164	0,034	0,308
CHR4	2E+07	CHR4:19622560	SSF x Far_LoA	-8,5258365	0,031	0,316
CHR4	2E+07	CHR4:19622657	SSF x Far_LoA	-11,8260177	0,000	0,305
CHR4	2E+07	CHR4:19627651	SSF x Far_LoA	-4,33679447	0,090	0,304
CHR4	2E+07	CHR4:19627756	SSF x Far_LoA	-8,54227773	0,060	0,311
CHR4	2E+07	CHR4:19634800	SSF x Far_LoA	-10,2767057	0,117	0,304
CHR4	2E+07	CHR4:19645418	SSF x Far_LoA	-11,5578782	0,026	0,312

CHR4	2E+07	CHR4:19645454	SSF x Far_LoA	2,31414149	0,142	0,319
CHR4	2E+07	CHR4:19645459	SSF x Far_LoA	-5,9522843	0,169	0,308
CHR4	2E+07	CHR4:19645461	SSF x Far_LoA	-8,63285061	0,154	0,290
CHR4	2E+07	CHR4:19645481	SSF x Far_LoA	-8,09292453	0,032	0,305
CHR4	2E+07	CHR4:19645514	SSF x Far_LoA	-7,61257272	0,184	0,288
CHR4	2E+07	CHR4:19654042	SSF x Far_LoA	-9,5187335	0,061	0,306
CHR4	2E+07	CHR4:19654045	SSF x Far_LoA	-9,31747651	0,043	0,312
CHR4	2E+07	CHR4:19654101	SSF x Far_LoA	-10,8807925	-0,010	0,317
CHR4	2E+07	CHR4:19656362	SSF x Far_LoA	-10,3844849	-0,005	0,314
CHR4	2E+07	CHR4:19656435	SSF x Far_LoA	-10,738063	-0,016	0,315
CHR4	1966630	CHR4:1966630	SSF x Far_LoA	-8,18270596	-0,056	0,305
CHR4	1966906	CHR4:1966906	SSF x Far_LoA	-9,10919977	-0,102	0,292
CHR4	2E+07	CHR4:19670617	SSF x Far_LoA	-9,38377408	0,154	0,298
CHR4	2E+07	CHR4:19670620	SSF x Far_LoA	-6,11334588	-0,091	0,309
CHR4	2E+07	CHR4:19670644	SSF x Far_LoA	-9,16972954	-0,044	0,304
CHR4	2E+07	CHR4:19670657	SSF x Far_LoA	-11,4364427	-0,027	0,300
CHR4	2E+07	CHR4:19670668	SSF x Far_LoA	-9,6032382	-0,064	0,306
CHR4	2E+07	CHR4:19670682	SSF x Far_LoA	-8,49108256	-0,085	0,301
CHR4	2E+07	CHR4:19670686	SSF x Far_LoA	-10,1412437	0,044	0,311
CHR4	2E+07	CHR4:19670725	SSF x Far_LoA	-10,2896116	-0,023	0,307
CHR4	2E+07	CHR4:19670786	SSF x Far_LoA	-9,01717055	0,022	0,313
CHR4	2E+07	CHR4:19670814	SSF x Far_LoA	-8,10520908	0,004	0,320
CHR4	2E+07	CHR4:19676387	SSF x Far_LoA	-9,27133828	-0,003	0,316
CHR4	2E+07	CHR4:19676522	SSF x Far_LoA	-11,1013377	-0,024	0,316
CHR4	2E+07	CHR4:19676537	SSF x Far_LoA	-6,97870767	0,054	0,320
CHR4	2E+07	CHR4:19676539	SSF x Far_LoA	-8,55777891	0,043	0,303
CHR4	2E+07	CHR4:19676556	SSF x Far_LoA	-8,86982243	0,107	0,294
CHR4	2E+07	CHR4:19676575	SSF x Far_LoA	-7,62348097	0,049	0,309
CHR4	2E+07	CHR4:19679605	SSF x Far_LoA	-5,91059214	0,102	0,304
CHR4	2E+07	CHR4:19679647	SSF x Far_LoA	-8,5632492	0,129	0,298
CHR4	2E+07	CHR4:19679663	SSF x Far_LoA	-8,59697945	0,121	0,308
CHR4	2E+07	CHR4:19679668	SSF x Far_LoA	-8,11193215	0,119	0,301
CHR4	2E+07	CHR4:19679678	SSF x Far_LoA	-8,36420439	0,054	0,296
CHR4	2E+07	CHR4:19680977	SSF x Far_LoA	-9,15352712	-0,062	0,299
CHR4	2E+07	CHR4:19680978	SSF x Far_LoA	-11,5865538	-0,024	0,310
CHR4	2E+07	CHR4:19699220	SSF x Far_LoA	-11,7383643	0,043	0,307
CHR4	2E+07	CHR4:19699235	SSF x Far_LoA	-5,80190131	0,244	0,292
CHR4	2E+07	CHR4:19701220	SSF x Far_LoA	-8,50543263	0,126	0,285
CHR4	2E+07	CHR4:19701221	SSF x Far_LoA	-1,25217357	0,109	0,305
CHR4	2E+07	CHR4:19701234	SSF x Far_LoA	-5,58260698	0,156	0,288
CHR4	2E+07	CHR4:19701268	SSF x Far_LoA	-6,63911312	0,117	0,313
CHR4	2E+07	CHR4:19701326	SSF x Far_LoA	-11,3319698	0,108	0,287
CHR4	2E+07	CHR4:19701336	SSF x Far_LoA	-10,3052465	0,107	0,307
CHR4	2E+07	CHR4:19701369	SSF x Far_LoA	-11,3937685	-0,014	0,298
CHR4	2E+07	CHR4:19720655	SSF x Far_LoA	-9,42134002	0,145	0,297
CHR4	2E+07	CHR4:19720750	SSF x Far_LoA	-11,5128013	0,041	0,298
CHR4	2E+07	CHR4:19720774	SSF x Far_LoA	-10,0090812	0,045	0,305
CHR4	2E+07	CHR4:19720811	SSF x Far_LoA	-10,364601	0,024	0,305
CHR4	2E+07	CHR4:19720826	SSF x Far_LoA	-9,08411103	0,063	0,308
CHR4	2E+07	CHR4:19720835	SSF x Far_LoA	-1,86245166	0,067	0,307
CHR4	2E+07	CHR4:19720837	SSF x Far_LoA	-10,8084382	-0,047	0,310
CHR4	2E+07	CHR4:19720880	SSF x Far_LoA	-9,85671278	-0,047	0,300
CHR4	2E+07	CHR4:19720891	SSF x Far_LoA	-11,0202465	-0,042	0,305

CHR4	2E+07	CHR4:19720943	SSF x Far_LoA	-7,37979672	-0,157	0,310
CHR4	2E+07	CHR4:19720995	SSF x Far_LoA	-8,55143727	0,026	0,328
CHR4	1973435	CHR4:1973435	SSF x Far_LoA	-4,85683742	-0,221	0,299
CHR4	1973498	CHR4:1973498	SSF x Far_LoA	-7,77036744	0,078	0,299
CHR4	1973537	CHR4:1973537	SSF x Far_LoA	-9,39029862	-0,001	0,304
CHR4	1973558	CHR4:1973558	SSF x Far_LoA	-4,33477944	0,244	0,284
CHR4	2E+07	CHR4:19735894	SSF x Far_LoA	-10,6195289	-0,060	0,312
CHR4	2E+07	CHR4:19735913	SSF x Far_LoA	-10,7062228	-0,059	0,302
CHR4	2E+07	CHR4:19735923	SSF x Far_LoA	-5,97111753	0,006	0,301
CHR4	1973606	CHR4:1973606	SSF x Far_LoA	-11,231928	0,114	0,298
CHR4	1973628	CHR4:1973628	SSF x Far_LoA	-10,2188952	-0,164	0,317
CHR4	2E+07	CHR4:19737367	SSF x Far_LoA	-9,74038375	0,025	0,311
CHR4	2E+07	CHR4:19737418	SSF x Far_LoA	-9,51649736	-0,080	0,315
CHR4	2E+07	CHR4:19741821	SSF x Far_LoA	-9,57859738	0,042	0,313
CHR4	2E+07	CHR4:19741834	SSF x Far_LoA	-9,38790231	0,077	0,322
CHR4	2E+07	CHR4:19741841	SSF x Far_LoA	-7,53585534	0,132	0,313
CHR4	2E+07	CHR4:19741842	SSF x Far_LoA	-4,7183097	0,136	0,309
CHR4	2E+07	CHR4:19741850	SSF x Far_LoA	-8,47666237	-0,026	0,309
CHR4	2E+07	CHR4:19741858	SSF x Far_LoA	-3,05263675	0,125	0,314
CHR4	2E+07	CHR4:19741900	SSF x Far_LoA	-8,78742916	-0,004	0,307
CHR4	2E+07	CHR4:19741922	SSF x Far_LoA	-8,95845206	-0,026	0,312
CHR4	2E+07	CHR4:19741930	SSF x Far_LoA	-9,62334689	0,039	0,310
CHR4	2E+07	CHR4:19741933	SSF x Far_LoA	-10,1591979	0,139	0,294
CHR4	2E+07	CHR4:19741935	SSF x Far_LoA	-9,77071004	-0,058	0,313
CHR4	2E+07	CHR4:19742835	SSF x Far_LoA	-10,4411897	-0,025	0,312
CHR4	2E+07	CHR4:19742869	SSF x Far_LoA	-7,02818703	-0,056	0,311
CHR4	2E+07	CHR4:19742876	SSF x Far_LoA	-10,3721772	-0,073	0,296
CHR4	2E+07	CHR4:19780085	SSF x Far_LoA	-7,63450514	0,137	0,301
CHR4	2E+07	CHR4:19780217	SSF x Far_LoA	-6,20967702	-0,226	0,289
CHR4	2E+07	CHR4:19780255	SSF x Far_LoA	-10,478891	-0,087	0,308
CHR4	2E+07	CHR4:19780272	SSF x Far_LoA	-9,06816733	0,057	0,300
CHR4	2E+07	CHR4:19780281	SSF x Far_LoA	-8,20268363	-0,133	0,278
CHR4	2E+07	CHR4:19780293	SSF x Far_LoA	-9,73512657	0,014	0,311
CHR4	2E+07	CHR4:19780345	SSF x Far_LoA	-9,49572809	0,120	0,306
CHR4	2E+07	CHR4:19783045	SSF x Far_LoA	-9,55132255	0,014	0,294
CHR4	2E+07	CHR4:19783150	SSF x Far_LoA	-7,54956851	-0,008	0,303
CHR4	2E+07	CHR4:19783157	SSF x Far_LoA	-10,5070895	-0,093	0,305
CHR4	2E+07	CHR4:19785933	SSF x Far_LoA	-10,1715982	-0,076	0,308
CHR4	2E+07	CHR4:19785953	SSF x Far_LoA	-8,27412034	0,141	0,299
CHR4	2E+07	CHR4:19787444	SSF x Far_LoA	-10,4330534	0,023	0,312
CHR4	2E+07	CHR4:19787584	SSF x Far_LoA	-8,3660867	0,027	0,314
CHR4	1979360	CHR4:1979360	SSF x Far_LoA	-8,96843871	-0,017	0,300
CHR4	1979625	CHR4:1979625	SSF x Far_LoA	-11,6271916	0,097	0,290
CHR4	2E+07	CHR4:19803066	SSF x Far_LoA	-8,66485094	0,125	0,305
CHR4	2E+07	CHR4:19803073	SSF x Far_LoA	-7,18567728	0,171	0,310
CHR4	2E+07	CHR4:19803074	SSF x Far_LoA	0,27065528	0,165	0,297
CHR4	2E+07	CHR4:19813654	SSF x Far_LoA	-10,4107269	0,063	0,305
CHR4	2E+07	CHR4:19813660	SSF x Far_LoA	-11,8021541	-0,076	0,297
CHR4	2E+07	CHR4:19813664	SSF x Far_LoA	-9,02084897	0,063	0,308
CHR4	2E+07	CHR4:19813670	SSF x Far_LoA	-9,95501401	-0,064	0,315
CHR4	2E+07	CHR4:19813693	SSF x Far_LoA	-11,7430595	-0,063	0,305
CHR4	2E+07	CHR4:19813762	SSF x Far_LoA	-11,7166848	-0,108	0,284
CHR4	2E+07	CHR4:19815561	SSF x Far_LoA	-8,82863195	-0,045	0,307

CHR4	2E+07	CHR4:19815602	SSF x Far_LoA	-9,22167129	-0,108	0,300
CHR4	2E+07	CHR4:19837463	SSF x Far_LoA	-8,76031207	0,059	0,295
CHR4	2E+07	CHR4:19837485	SSF x Far_LoA	-7,47769395	0,021	0,307
CHR4	2E+07	CHR4:19837515	SSF x Far_LoA	-7,57775778	-0,100	0,285
CHR4	2E+07	CHR4:19837519	SSF x Far_LoA	-9,04667961	-0,116	0,276
CHR4	2E+07	CHR4:19837744	SSF x Far_LoA	-8,50885407	-0,113	0,285
CHR4	2E+07	CHR4:19837770	SSF x Far_LoA	-9,0048923	-0,162	0,285
CHR4	2E+07	CHR4:19844166	SSF x Far_LoA	-4,37904619	-0,046	0,302
CHR4	2E+07	CHR4:19844172	SSF x Far_LoA	-9,84366807	-0,010	0,291
CHR4	2E+07	CHR4:19844242	SSF x Far_LoA	-7,22311715	-0,048	0,303
CHR4	2E+07	CHR4:19844271	SSF x Far_LoA	-9,14070972	-0,042	0,302
CHR4	2E+07	CHR4:19844274	SSF x Far_LoA	-10,822543	-0,102	0,303
CHR4	2E+07	CHR4:19862748	SSF x Far_LoA	-9,53054349	-0,019	0,324
CHR4	2E+07	CHR4:19867091	SSF x Far_LoA	-6,28906063	-0,092	0,295
CHR4	2E+07	CHR4:19867105	SSF x Far_LoA	-8,10197703	0,008	0,326
CHR4	2E+07	CHR4:19867207	SSF x Far_LoA	-8,32542182	-0,104	0,302
CHR4	2E+07	CHR4:19867214	SSF x Far_LoA	-9,73075019	-0,053	0,315
CHR4	2E+07	CHR4:19868768	SSF x Far_LoA	-9,84350156	-0,054	0,300
CHR4	2E+07	CHR4:19869359	SSF x Far_LoA	-9,01413581	0,025	0,309
CHR4	2E+07	CHR4:19869416	SSF x Far_LoA	-7,13151628	0,002	0,320
CHR4	2E+07	CHR4:19870837	SSF x Far_LoA	-7,52414496	0,056	0,318
CHR4	2E+07	CHR4:19870847	SSF x Far_LoA	-9,70787597	0,045	0,301
CHR4	2E+07	CHR4:19870870	SSF x Far_LoA	-10,272439	0,028	0,307
CHR4	2E+07	CHR4:19870918	SSF x Far_LoA	-9,42539153	0,030	0,297
CHR4	2E+07	CHR4:19877863	SSF x Far_LoA	-6,3145618	-0,161	0,302
CHR4	2E+07	CHR4:19877881	SSF x Far_LoA	-6,1856566	0,011	0,301
CHR4	2E+07	CHR4:19877974	SSF x Far_LoA	-9,36303812	-0,016	0,308
CHR4	2E+07	CHR4:19878132	SSF x Far_LoA	-8,03582974	-0,091	0,308
CHR4	2E+07	CHR4:19894724	SSF x Far_LoA	-8,63335815	-0,072	0,309
CHR4	2E+07	CHR4:19899746	SSF x Far_LoA	-10,1672721	0,108	0,303
CHR4	2E+07	CHR4:19899748	SSF x Far_LoA	-8,89604233	0,028	0,312
CHR4	2E+07	CHR4:19899751	SSF x Far_LoA	-8,34684624	-0,087	0,299
CHR4	2E+07	CHR4:19899753	SSF x Far_LoA	-3,55251191	-0,100	0,299
CHR4	2E+07	CHR4:19899776	SSF x Far_LoA	-6,47306665	-0,062	0,305
CHR4	2E+07	CHR4:19922993	SSF x Far_LoA	-1,95537594	0,093	0,311
CHR4	2E+07	CHR4:19929562	SSF x Far_LoA	-7,14232145	-0,074	0,316
CHR4	1993393	CHR4:1993393	SSF x Far_LoA	-3,87289473	-0,167	0,285
CHR4	1993428	CHR4:1993428	SSF x Far_LoA	-8,16974587	0,067	0,304
CHR4	2E+07	CHR4:19939169	SSF x Far_LoA	-7,24387815	-0,027	0,297
CHR4	2E+07	CHR4:19942764	SSF x Far_LoA	-9,42078952	-0,017	0,310
CHR4	2E+07	CHR4:19942776	SSF x Far_LoA	-11,4399774	-0,028	0,328
CHR4	2E+07	CHR4:19942781	SSF x Far_LoA	-9,17221081	0,042	0,296
CHR4	2E+07	CHR4:19942797	SSF x Far_LoA	-8,7464701	-0,084	0,300
CHR4	2E+07	CHR4:19942815	SSF x Far_LoA	-9,37651098	0,070	0,313
CHR4	2E+07	CHR4:19972254	SSF x Far_LoA	-10,231643	-0,025	0,302
CHR4	2E+07	CHR4:19972270	SSF x Far_LoA	-9,13053443	0,145	0,296
CHR4	1997556	CHR4:1997556	SSF x Far_LoA	-9,37501367	0,010	0,302
CHR4	1997563	CHR4:1997563	SSF x Far_LoA	-8,35246317	0,031	0,311
CHR4	2E+07	CHR4:19979569	SSF x Far_LoA	-7,18713315	-0,056	0,305
CHR4	2E+07	CHR4:19979577	SSF x Far_LoA	-8,12887538	-0,051	0,310
CHR4	2E+07	CHR4:19979591	SSF x Far_LoA	-8,29938254	-0,055	0,320
CHR4	2E+07	CHR4:19996855	SSF x Far_LoA	-3,94842335	0,126	0,307
CHR4	2E+07	CHR4:19996945	SSF x Far_LoA	-6,3846568	-0,171	0,292

CHR4	2E+07	CHR4:20006020	SSF x Far_LoA	-8,34301945	0,141	0,300
CHR4	2E+07	CHR4:20017484	SSF x Far_LoA	-10,1016059	-0,033	0,314
CHR4	2E+07	CHR4:20027653	SSF x Far_LoA	-12,0395323	-0,036	0,293
CHR4	2E+07	CHR4:20027655	SSF x Far_LoA	-11,1309184	0,019	0,317
CHR4	2E+07	CHR4:20027739	SSF x Far_LoA	-8,84731903	-0,059	0,318
CHR4	2E+07	CHR4:20027927	SSF x Far_LoA	-10,9575481	-0,044	0,305
CHR4	2E+07	CHR4:20041159	SSF x Far_LoA	-10,6908846	-0,038	0,300
CHR4	2E+07	CHR4:20041333	SSF x Far_LoA	-9,48925597	-0,004	0,319
CHR4	2E+07	CHR4:20045643	SSF x Far_LoA	-9,80972411	0,055	0,304
CHR4	2E+07	CHR4:20045849	SSF x Far_LoA	-7,81696742	-0,098	0,322
CHR4	2E+07	CHR4:20047209	SSF x Far_LoA	-8,68026135	-0,021	0,309
CHR4	2E+07	CHR4:20047258	SSF x Far_LoA	-9,3163897	0,007	0,306
CHR4	2E+07	CHR4:20053863	SSF x Far_LoA	-9,59289029	0,018	0,303
CHR4	2E+07	CHR4:20053882	SSF x Far_LoA	-8,34443092	-0,067	0,316
CHR4	2E+07	CHR4:20053890	SSF x Far_LoA	-8,78535484	-0,078	0,306
CHR4	2E+07	CHR4:20053902	SSF x Far_LoA	-8,69585758	0,103	0,312
CHR4	2E+07	CHR4:20053944	SSF x Far_LoA	-7,88538439	0,112	0,307
CHR4	2E+07	CHR4:20053966	SSF x Far_LoA	-8,68667605	0,137	0,304
CHR4	2E+07	CHR4:20054175	SSF x Far_LoA	-11,157037	0,056	0,306
CHR4	2E+07	CHR4:20054196	SSF x Far_LoA	-8,53423685	0,006	0,292
CHR4	2E+07	CHR4:20060874	SSF x Far_LoA	-9,54409083	0,064	0,285
CHR4	2E+07	CHR4:20060954	SSF x Far_LoA	-9,58181964	-0,067	0,315
CHR4	2E+07	CHR4:20060979	SSF x Far_LoA	-8,12014535	0,102	0,306
CHR4	2E+07	CHR4:20061132	SSF x Far_LoA	-10,1734955	-0,052	0,298
CHR4	2E+07	CHR4:20075867	SSF x Far_LoA	-2,16662543	0,321	0,263
CHR4	2E+07	CHR4:20075895	SSF x Far_LoA	-6,28785541	0,204	0,294
CHR4	2E+07	CHR4:20077265	SSF x Far_LoA	-4,47469337	0,222	0,285
CHR4	2E+07	CHR4:20077327	SSF x Far_LoA	-8,85668708	-0,016	0,314
CHR4	2E+07	CHR4:20077352	SSF x Far_LoA	-7,74585576	0,105	0,329
CHR4	2E+07	CHR4:20077372	SSF x Far_LoA	-6,31540607	-0,176	0,305
CHR4	2E+07	CHR4:20077374	SSF x Far_LoA	-8,34893423	0,094	0,306
CHR4	2E+07	CHR4:20077387	SSF x Far_LoA	-10,8449923	-0,074	0,310
CHR4	2E+07	CHR4:20077388	SSF x Far_LoA	-10,0435786	-0,053	0,308
CHR4	2E+07	CHR4:20077400	SSF x Far_LoA	-8,31084056	-0,130	0,296
CHR4	2E+07	CHR4:20077401	SSF x Far_LoA	-8,67823098	0,066	0,313
CHR4	2E+07	CHR4:20077421	SSF x Far_LoA	-9,05626143	0,013	0,301
CHR4	2E+07	CHR4:20083725	SSF x Far_LoA	-8,87248443	-0,045	0,300
CHR4	2E+07	CHR4:20083734	SSF x Far_LoA	-6,53082561	0,124	0,311
CHR4	2E+07	CHR4:20083771	SSF x Far_LoA	-9,98591058	-0,030	0,304
CHR4	2E+07	CHR4:20084504	SSF x Far_LoA	-9,19605888	-0,008	0,309
CHR4	2E+07	CHR4:20084567	SSF x Far_LoA	-10,780842	-0,028	0,298
CHR4	2E+07	CHR4:20084644	SSF x Far_LoA	-1,79631857	-0,141	0,302
CHR4	2E+07	CHR4:20084683	SSF x Far_LoA	-8,91400028	-0,098	0,304
CHR4	2E+07	CHR4:20084691	SSF x Far_LoA	-10,220325	-0,071	0,310
CHR4	2E+07	CHR4:20084725	SSF x Far_LoA	-6,15193814	-0,103	0,309
CHR4	2E+07	CHR4:20093694	SSF x Far_LoA	-10,2358161	-0,073	0,312
CHR4	2E+07	CHR4:20093748	SSF x Far_LoA	-10,5172012	0,038	0,313
CHR4	2E+07	CHR4:20109714	SSF x Far_LoA	-8,10226809	0,061	0,303
CHR4	2E+07	CHR4:20109715	SSF x Far_LoA	-8,07182686	0,055	0,307
CHR4	2E+07	CHR4:20109774	SSF x Far_LoA	-9,99539133	0,065	0,304
CHR4	2E+07	CHR4:20109791	SSF x Far_LoA	-9,3630223	-0,066	0,310
CHR4	2E+07	CHR4:20109847	SSF x Far_LoA	-9,21030562	0,053	0,309
CHR4	2E+07	CHR4:20109953	SSF x Far_LoA	-9,57197548	-0,019	0,322

CHR4	2E+07	CHR4:20127752	SSF x Far_LoA	0,47233869	-0,164	0,305
CHR4	2E+07	CHR4:20127771	SSF x Far_LoA	-5,71590816	-0,159	0,295
CHR4	2E+07	CHR4:20127798	SSF x Far_LoA	-7,73832303	0,070	0,304
CHR4	2E+07	CHR4:20129000	SSF x Far_LoA	-9,30352169	-0,028	0,316
CHR4	2E+07	CHR4:20129027	SSF x Far_LoA	-9,25943135	0,098	0,315
CHR4	2E+07	CHR4:20129054	SSF x Far_LoA	-11,424003	-0,031	0,310
CHR4	2E+07	CHR4:20129115	SSF x Far_LoA	-11,6649689	-0,026	0,307
CHR4	2013252	CHR4:2013252	SSF x Far_LoA	-10,4450221	-0,013	0,303
CHR4	2013326	CHR4:2013326	SSF x Far_LoA	-11,1106659	-0,058	0,312
CHR4	2013328	CHR4:2013328	SSF x Far_LoA	-10,493369	-0,123	0,298
CHR4	2013329	CHR4:2013329	SSF x Far_LoA	-10,4879823	0,068	0,297
CHR4	2E+07	CHR4:20136715	SSF x Far_LoA	-7,91822406	0,069	0,303
CHR4	2E+07	CHR4:20136755	SSF x Far_LoA	-3,2619637	-0,062	0,299
CHR4	2E+07	CHR4:20136905	SSF x Far_LoA	-3,98737667	-0,078	0,307
CHR4	2E+07	CHR4:20145480	SSF x Far_LoA	-9,7798925	-0,100	0,310
CHR4	2E+07	CHR4:20145586	SSF x Far_LoA	-5,53277831	0,167	0,286
CHR4	2E+07	CHR4:20145591	SSF x Far_LoA	-9,7461327	0,021	0,310
CHR4	2E+07	CHR4:20151172	SSF x Far_LoA	-5,88431543	0,093	0,291
CHR4	2E+07	CHR4:20156789	SSF x Far_LoA	-5,7008147	0,148	0,297
CHR4	2E+07	CHR4:20156904	SSF x Far_LoA	-5,14307516	0,092	0,313
CHR4	2016154	CHR4:2016154	SSF x Far_LoA	-9,12967178	-0,064	0,296
CHR4	2016224	CHR4:2016224	SSF x Far_LoA	-7,95158968	0,080	0,315
CHR4	2016228	CHR4:2016228	SSF x Far_LoA	-9,18379012	0,082	0,309
CHR4	2016237	CHR4:2016237	SSF x Far_LoA	-11,0431629	-0,001	0,299
CHR4	2E+07	CHR4:20170522	SSF x Far_LoA	-10,7461959	-0,001	0,296
CHR4	2E+07	CHR4:20189966	SSF x Far_LoA	-9,15515591	0,077	0,312
CHR4	2E+07	CHR4:20190016	SSF x Far_LoA	-6,82265904	-0,213	0,283
CHR4	2E+07	CHR4:20190026	SSF x Far_LoA	-4,09342812	-0,199	0,286
CHR4	2E+07	CHR4:20190041	SSF x Far_LoA	7,06759779	-0,210	0,286
CHR4	2E+07	CHR4:20190060	SSF x Far_LoA	-3,06794891	-0,214	0,277
CHR4	2E+07	CHR4:20190081	SSF x Far_LoA	-4,07973836	-0,206	0,290
CHR4	2019012	CHR4:2019012	SSF x Far_LoA	-8,9834168	-0,052	0,305
CHR4	2019056	CHR4:2019056	SSF x Far_LoA	-11,0300621	0,061	0,300
CHR4	2019061	CHR4:2019061	SSF x Far_LoA	-10,0502241	0,041	0,316
CHR4	2019646	CHR4:2019646	SSF x Far_LoA	-10,0499205	-0,159	0,312
CHR4	2019672	CHR4:2019672	SSF x Far_LoA	-12,0020151	0,066	0,303
CHR4	2019673	CHR4:2019673	SSF x Far_LoA	-9,19163791	0,078	0,299
CHR4	2E+07	CHR4:20229964	SSF x Far_LoA	-8,86712924	-0,030	0,315
CHR4	2E+07	CHR4:20232398	SSF x Far_LoA	-11,8603288	-0,021	0,305
CHR4	2E+07	CHR4:20242444	SSF x Far_LoA	-10,3018078	-0,006	0,312
CHR4	2E+07	CHR4:20242556	SSF x Far_LoA	-8,05295737	-0,146	0,302
CHR4	2E+07	CHR4:20242558	SSF x Far_LoA	-10,0567559	-0,109	0,304
CHR4	2E+07	CHR4:20242628	SSF x Far_LoA	-8,67328917	-0,136	0,309
CHR4	2E+07	CHR4:20242650	SSF x Far_LoA	-11,6822691	0,022	0,308
CHR4	2E+07	CHR4:20257064	SSF x Far_LoA	-7,07595675	0,186	0,290
CHR4	2E+07	CHR4:20276652	SSF x Far_LoA	-5,44560141	0,200	0,308
CHR4	2E+07	CHR4:20276694	SSF x Far_LoA	-8,69794033	0,024	0,311
CHR4	2E+07	CHR4:20276856	SSF x Far_LoA	-9,2795367	0,139	0,306
CHR4	2E+07	CHR4:20276865	SSF x Far_LoA	-6,09797565	-0,185	0,285
CHR4	2E+07	CHR4:20289670	SSF x Far_LoA	-10,1478443	-0,057	0,304
CHR4	2E+07	CHR4:20289676	SSF x Far_LoA	-10,2362031	-0,037	0,296
CHR4	2E+07	CHR4:20289718	SSF x Far_LoA	-10,1060182	-0,062	0,283
CHR4	2E+07	CHR4:20289757	SSF x Far_LoA	-8,22876489	0,139	0,305

CHR4	2E+07	CHR4:20289899	SSF x Far_LoA	-9,87520095	0,067	0,296
CHR4	2E+07	CHR4:20289911	SSF x Far_LoA	-7,60517687	0,160	0,290
CHR4	2E+07	CHR4:20295170	SSF x Far_LoA	-11,1134159	0,152	0,302
CHR4	2E+07	CHR4:20295254	SSF x Far_LoA	-8,64163505	0,052	0,300
CHR4	2E+07	CHR4:20295312	SSF x Far_LoA	-6,58352631	-0,114	0,308
CHR4	2E+07	CHR4:20300198	SSF x Far_LoA	-10,4312985	-0,007	0,308
CHR4	2E+07	CHR4:20300256	SSF x Far_LoA	-9,10149367	0,087	0,302
CHR4	2E+07	CHR4:20300353	SSF x Far_LoA	-5,69436242	0,152	0,294
CHR4	2E+07	CHR4:20313830	SSF x Far_LoA	-8,63294241	0,078	0,304
CHR4	2E+07	CHR4:20313865	SSF x Far_LoA	-9,61371144	0,002	0,308
CHR4	2E+07	CHR4:20313902	SSF x Far_LoA	-8,70637066	0,013	0,318
CHR4	2E+07	CHR4:20313908	SSF x Far_LoA	-10,2134031	-0,117	0,323
CHR4	2E+07	CHR4:20313935	SSF x Far_LoA	-10,6953889	0,009	0,301
CHR4	2E+07	CHR4:20313968	SSF x Far_LoA	-8,02713409	-0,115	0,318
CHR4	2E+07	CHR4:20313971	SSF x Far_LoA	-9,99272385	-0,026	0,304
CHR4	2E+07	CHR4:20313974	SSF x Far_LoA	-7,46309324	-0,033	0,312
CHR4	2E+07	CHR4:20313995	SSF x Far_LoA	-9,42089446	-0,032	0,304
CHR4	2E+07	CHR4:20314022	SSF x Far_LoA	-9,20176691	-0,006	0,308
CHR4	2E+07	CHR4:20315944	SSF x Far_LoA	-9,04352969	0,086	0,307
CHR4	2E+07	CHR4:20315953	SSF x Far_LoA	-9,70966797	0,073	0,317
CHR4	2E+07	CHR4:20326696	SSF x Far_LoA	-10,4169432	0,121	0,293
CHR4	2E+07	CHR4:20326771	SSF x Far_LoA	-4,96966208	-0,149	0,295
CHR4	2E+07	CHR4:20328590	SSF x Far_LoA	-11,2438629	0,082	0,301
CHR4	2E+07	CHR4:20328611	SSF x Far_LoA	-9,96777161	0,023	0,314
CHR4	2E+07	CHR4:20328653	SSF x Far_LoA	-11,4188955	0,068	0,304
CHR4	2E+07	CHR4:20332139	SSF x Far_LoA	-8,39291816	-0,106	0,304
CHR4	2E+07	CHR4:20337204	SSF x Far_LoA	-10,5333451	-0,015	0,304
CHR4	2E+07	CHR4:20338973	SSF x Far_LoA	-10,3761628	-0,026	0,315
CHR4	2E+07	CHR4:20339014	SSF x Far_LoA	-10,203799	0,097	0,313
CHR4	2E+07	CHR4:20343070	SSF x Far_LoA	-11,9619629	0,004	0,299
CHR4	2E+07	CHR4:20343071	SSF x Far_LoA	-12,1547417	-0,009	0,291
CHR4	2E+07	CHR4:20348936	SSF x Far_LoA	-9,31954495	0,035	0,317
CHR4	2E+07	CHR4:20348937	SSF x Far_LoA	-8,35565712	0,056	0,315
CHR4	2E+07	CHR4:20350458	SSF x Far_LoA	-7,63218596	0,077	0,310
CHR4	2E+07	CHR4:20350467	SSF x Far_LoA	-11,2672927	0,083	0,293
CHR4	2E+07	CHR4:20363711	SSF x Far_LoA	-9,85186863	0,064	0,315
CHR4	2E+07	CHR4:20366281	SSF x Far_LoA	-9,38832842	-0,098	0,313
CHR4	2E+07	CHR4:20366301	SSF x Far_LoA	-9,65925858	-0,095	0,325
CHR4	2E+07	CHR4:20375899	SSF x Far_LoA	-9,44358338	-0,154	0,314
CHR4	2E+07	CHR4:20375954	SSF x Far_LoA	-11,1933437	0,049	0,310
CHR4	2E+07	CHR4:20376156	SSF x Far_LoA	-8,11984277	0,107	0,289
CHR4	2038338	CHR4:2038338	SSF x Far_LoA	-9,87618987	-0,054	0,301
CHR4	2038345	CHR4:2038345	SSF x Far_LoA	0,18958245	0,017	0,318
CHR4	2E+07	CHR4:20383819	SSF x Far_LoA	-8,97430002	-0,110	0,289
CHR4	2E+07	CHR4:20383843	SSF x Far_LoA	-9,06655399	0,105	0,283
CHR4	2E+07	CHR4:20384002	SSF x Far_LoA	-9,45435896	0,072	0,290
CHR4	2E+07	CHR4:20384113	SSF x Far_LoA	-9,94045254	0,080	0,300
CHR4	2E+07	CHR4:20395078	SSF x Far_LoA	-7,8401356	-0,020	0,302
CHR4	2E+07	CHR4:20395197	SSF x Far_LoA	-11,5130012	0,014	0,323
CHR4	2E+07	CHR4:20411050	SSF x Far_LoA	-10,8601409	-0,054	0,298
CHR4	2E+07	CHR4:20421167	SSF x Far_LoA	-9,57965311	-0,014	0,309
CHR4	2E+07	CHR4:20421257	SSF x Far_LoA	-10,5501729	-0,006	0,300
CHR4	2E+07	CHR4:20421284	SSF x Far_LoA	-11,7519243	-0,068	0,303

CHR4	2E+07	CHR4:20421288	SSF x Far_LoA	-5,85899388	-0,154	0,294
CHR4	2E+07	CHR4:20421308	SSF x Far_LoA	-10,5611753	-0,056	0,315
CHR4	2E+07	CHR4:20421309	SSF x Far_LoA	-8,71968902	-0,031	0,297
CHR4	2E+07	CHR4:20421314	SSF x Far_LoA	-6,60644827	0,109	0,307
CHR4	2E+07	CHR4:20423779	SSF x Far_LoA	-11,7194615	0,022	0,295
CHR4	2E+07	CHR4:20423854	SSF x Far_LoA	-7,80975634	-0,090	0,310
CHR4	2E+07	CHR4:20423873	SSF x Far_LoA	-7,78265378	0,072	0,305
CHR4	2E+07	CHR4:20424883	SSF x Far_LoA	-10,5031711	-0,029	0,303
CHR4	2E+07	CHR4:20424890	SSF x Far_LoA	-10,4525284	0,001	0,307
CHR4	2E+07	CHR4:20424892	SSF x Far_LoA	-11,6148461	-0,014	0,287
CHR4	2E+07	CHR4:20424894	SSF x Far_LoA	-9,28429089	0,048	0,312
CHR4	2E+07	CHR4:20424931	SSF x Far_LoA	-6,94453855	-0,108	0,298
CHR4	2E+07	CHR4:20434800	SSF x Far_LoA	-9,51312182	-0,027	0,323
CHR4	2E+07	CHR4:20448360	SSF x Far_LoA	-10,7771273	0,076	0,305
CHR4	2E+07	CHR4:20448411	SSF x Far_LoA	-9,00570766	-0,073	0,297
CHR4	2E+07	CHR4:20449053	SSF x Far_LoA	-9,9358716	0,018	0,314
CHR4	2E+07	CHR4:20449135	SSF x Far_LoA	-8,30822409	0,101	0,311
CHR4	2E+07	CHR4:20449159	SSF x Far_LoA	-6,27021506	0,142	0,303
CHR4	2E+07	CHR4:20452807	SSF x Far_LoA	-9,97900004	-0,014	0,316
CHR4	2E+07	CHR4:20452808	SSF x Far_LoA	-9,11201372	-0,071	0,303
CHR4	2E+07	CHR4:20452841	SSF x Far_LoA	-9,34047696	0,022	0,304
CHR4	2E+07	CHR4:20452851	SSF x Far_LoA	-9,58265589	0,054	0,303
CHR4	2E+07	CHR4:20454184	SSF x Far_LoA	-11,9426371	0,074	0,297
CHR4	2E+07	CHR4:20454192	SSF x Far_LoA	-7,58996886	0,062	0,317
CHR4	2E+07	CHR4:20454278	SSF x Far_LoA	-9,87664203	0,046	0,312
CHR4	2E+07	CHR4:20454304	SSF x Far_LoA	-7,80724221	-0,063	0,306
CHR4	2E+07	CHR4:20454310	SSF x Far_LoA	-11,3880205	0,051	0,315
CHR4	2E+07	CHR4:20454327	SSF x Far_LoA	-10,2433584	0,080	0,301
CHR4	2E+07	CHR4:20461862	SSF x Far_LoA	-8,95246207	0,130	0,318
CHR4	2E+07	CHR4:20461901	SSF x Far_LoA	-8,17622468	0,072	0,316
CHR4	2E+07	CHR4:20462081	SSF x Far_LoA	-9,48905724	-0,071	0,326
CHR4	2E+07	CHR4:20477709	SSF x Far_LoA	-8,94084622	0,035	0,304
CHR4	2E+07	CHR4:20479795	SSF x Far_LoA	-7,36109646	0,128	0,309
CHR4	2E+07	CHR4:20479804	SSF x Far_LoA	-8,8183546	0,107	0,303
CHR4	2E+07	CHR4:20479888	SSF x Far_LoA	-10,5037789	0,075	0,299
CHR4	2048290	CHR4:2048290	SSF x Far_LoA	-9,8994949	-0,010	0,310
CHR4	2E+07	CHR4:20489657	SSF x Far_LoA	-8,58860038	-0,080	0,306
CHR4	20500314	CHR4:20500314	SSF x Far_LoA	-1,21030245	0,092	0,300
CHR4	20500337	CHR4:20500337	SSF x Far_LoA	-10,0910642	0,096	0,305
CHR4	20500338	CHR4:20500338	SSF x Far_LoA	-8,85354018	0,155	0,289
CHR4	20500339	CHR4:20500339	SSF x Far_LoA	-9,07754108	0,056	0,320
CHR4	20500360	CHR4:20500360	SSF x Far_LoA	-11,2581897	-0,054	0,315
CHR4	20500398	CHR4:20500398	SSF x Far_LoA	-11,4530328	0,003	0,311
CHR4	20503328	CHR4:20503328	SSF x Far_LoA	-9,43410512	0,063	0,310
CHR4	20503363	CHR4:20503363	SSF x Far_LoA	-9,97666525	0,036	0,309
CHR4	20503448	CHR4:20503448	SSF x Far_LoA	-9,81033419	-0,026	0,304
CHR4	20513323	CHR4:20513323	SSF x Far_LoA	-7,11771763	0,075	0,299
CHR4	20513382	CHR4:20513382	SSF x Far_LoA	-6,31901115	-0,102	0,294
CHR4	20513503	CHR4:20513503	SSF x Far_LoA	-4,9309379	0,115	0,300
CHR4	20513550	CHR4:20513550	SSF x Far_LoA	3,89316613	0,042	0,309
CHR4	20518744	CHR4:20518744	SSF x Far_LoA	5,37115362	0,187	0,294
CHR4	20518751	CHR4:20518751	SSF x Far_LoA	-7,78125723	-0,093	0,311
CHR4	20518774	CHR4:20518774	SSF x Far_LoA	-5,4246636	0,057	0,289

CHR4	20518788	CHR4:20518788	SSF x Far_LoA	-8,48588536	-0,016	0,300
CHR4	20518808	CHR4:20518808	SSF x Far_LoA	-8,98101932	0,045	0,302
CHR4	20523762	CHR4:20523762	SSF x Far_LoA	-11,5377974	-0,037	0,305
CHR4	2052406	CHR4:2052406	SSF x Far_LoA	-10,4946251	-0,002	0,313
CHR4	2052480	CHR4:2052480	SSF x Far_LoA	-11,1514237	0,013	0,294
CHR4	2052488	CHR4:2052488	SSF x Far_LoA	-8,98118801	-0,035	0,307
CHR4	2052490	CHR4:2052490	SSF x Far_LoA	-9,51590976	-0,045	0,312
CHR4	2052499	CHR4:2052499	SSF x Far_LoA	-9,16875305	-0,004	0,301
CHR4	2053656	CHR4:2053656	SSF x Far_LoA	-8,93446845	0,117	0,310
CHR4	20537013	CHR4:20537013	SSF x Far_LoA	-6,95181695	0,111	0,312
CHR4	20537034	CHR4:20537034	SSF x Far_LoA	-6,7971375	0,123	0,314
CHR4	20537036	CHR4:20537036	SSF x Far_LoA	-8,10290008	-0,069	0,315
CHR4	20537058	CHR4:20537058	SSF x Far_LoA	-9,50556973	0,034	0,317
CHR4	20537077	CHR4:20537077	SSF x Far_LoA	-7,50866091	0,138	0,309
CHR4	20537086	CHR4:20537086	SSF x Far_LoA	-8,29540074	0,095	0,314
CHR4	2053891	CHR4:2053891	SSF x Far_LoA	-9,87511366	-0,018	0,299
CHR4	20547129	CHR4:20547129	SSF x Far_LoA	-6,50600868	0,102	0,308
CHR4	20547189	CHR4:20547189	SSF x Far_LoA	-12,1533946	-0,002	0,294
CHR4	20549393	CHR4:20549393	SSF x Far_LoA	-8,14066489	-0,015	0,312
CHR4	20549401	CHR4:20549401	SSF x Far_LoA	-11,3249057	-0,016	0,306
CHR4	20549417	CHR4:20549417	SSF x Far_LoA	-10,8495188	-0,006	0,318
CHR4	20549492	CHR4:20549492	SSF x Far_LoA	-10,6448526	-0,005	0,315
CHR4	20549495	CHR4:20549495	SSF x Far_LoA	-10,0540769	-0,042	0,314
CHR4	20556010	CHR4:20556010	SSF x Far_LoA	-9,46286092	-0,026	0,293
CHR4	20556115	CHR4:20556115	SSF x Far_LoA	-10,5374674	-0,034	0,300
CHR4	20568155	CHR4:20568155	SSF x Far_LoA	-7,73344236	0,068	0,312
CHR4	20568193	CHR4:20568193	SSF x Far_LoA	-11,4940135	-0,015	0,302
CHR4	20569732	CHR4:20569732	SSF x Far_LoA	-10,173666	-0,030	0,291
CHR4	20569788	CHR4:20569788	SSF x Far_LoA	-9,33256218	0,006	0,293
CHR4	20569906	CHR4:20569906	SSF x Far_LoA	-10,3673364	-0,040	0,315
CHR4	20576601	CHR4:20576601	SSF x Far_LoA	-9,17922707	-0,059	0,306
CHR4	20576603	CHR4:20576603	SSF x Far_LoA	-7,49222829	-0,056	0,306
CHR4	20576605	CHR4:20576605	SSF x Far_LoA	-9,1142245	-0,078	0,318
CHR4	20576606	CHR4:20576606	SSF x Far_LoA	-8,87300335	-0,070	0,305
CHR4	20576611	CHR4:20576611	SSF x Far_LoA	-9,47874549	-0,080	0,293
CHR4	20576614	CHR4:20576614	SSF x Far_LoA	-8,99469578	-0,064	0,305
CHR4	20576616	CHR4:20576616	SSF x Far_LoA	-9,79585419	-0,013	0,316
CHR4	20576617	CHR4:20576617	SSF x Far_LoA	-9,659805	-0,075	0,315
CHR4	20576618	CHR4:20576618	SSF x Far_LoA	-9,8847331	-0,067	0,300
CHR4	20576645	CHR4:20576645	SSF x Far_LoA	-10,6590151	-0,104	0,302
CHR4	20576684	CHR4:20576684	SSF x Far_LoA	-9,58835565	-0,086	0,297
CHR4	20576699	CHR4:20576699	SSF x Far_LoA	-6,43320806	0,136	0,304
CHR4	20576704	CHR4:20576704	SSF x Far_LoA	-9,53238703	-0,115	0,292
CHR4	20576738	CHR4:20576738	SSF x Far_LoA	-8,05810251	-0,106	0,300
CHR4	20576768	CHR4:20576768	SSF x Far_LoA	-7,78195791	-0,123	0,305
CHR4	20576785	CHR4:20576785	SSF x Far_LoA	-7,13797952	-0,116	0,314
CHR4	20586556	CHR4:20586556	SSF x Far_LoA	-8,17092889	0,103	0,296
CHR4	20586607	CHR4:20586607	SSF x Far_LoA	-4,69100999	0,222	0,288
CHR4	20586608	CHR4:20586608	SSF x Far_LoA	-6,11930047	0,162	0,289
CHR4	20586655	CHR4:20586655	SSF x Far_LoA	-10,3065014	-0,030	0,307
CHR4	20598446	CHR4:20598446	SSF x Far_LoA	-10,6185531	0,059	0,293
CHR4	20614838	CHR4:20614838	SSF x Far_LoA	-9,39550514	0,077	0,311
CHR4	20614869	CHR4:20614869	SSF x Far_LoA	-10,8062898	-0,024	0,301

CHR4	2061793	CHR4:2061793	SSF x Far_LoA	-9,88571426	0,075	0,314
CHR4	2061840	CHR4:2061840	SSF x Far_LoA	-9,28955873	-0,004	0,305
CHR4	2061876	CHR4:2061876	SSF x Far_LoA	-7,40370371	-0,027	0,296
CHR4	2061918	CHR4:2061918	SSF x Far_LoA	-9,82866664	0,014	0,284
CHR4	2061984	CHR4:2061984	SSF x Far_LoA	-9,00234485	-0,005	0,301
CHR4	2061993	CHR4:2061993	SSF x Far_LoA	-9,85009118	-0,038	0,308
CHR4	20625107	CHR4:20625107	SSF x Far_LoA	-8,49441445	0,081	0,308
CHR4	20625110	CHR4:20625110	SSF x Far_LoA	-7,18595622	-0,090	0,310
CHR4	20625116	CHR4:20625116	SSF x Far_LoA	-8,96695873	0,002	0,311
CHR4	20625139	CHR4:20625139	SSF x Far_LoA	-8,29674752	-0,050	0,296
CHR4	20625141	CHR4:20625141	SSF x Far_LoA	-6,67515382	-0,057	0,315
CHR4	20625145	CHR4:20625145	SSF x Far_LoA	-8,98019649	-0,058	0,294
CHR4	20625158	CHR4:20625158	SSF x Far_LoA	-8,45975326	-0,060	0,294
CHR4	20625176	CHR4:20625176	SSF x Far_LoA	-7,36808224	-0,077	0,319
CHR4	20625270	CHR4:20625270	SSF x Far_LoA	-10,7648735	0,003	0,307
CHR4	20625338	CHR4:20625338	SSF x Far_LoA	-11,5722979	0,066	0,288
CHR4	20627536	CHR4:20627536	SSF x Far_LoA	-8,82993127	0,011	0,318
CHR4	20627604	CHR4:20627604	SSF x Far_LoA	-9,17035427	-0,035	0,294
CHR4	20627621	CHR4:20627621	SSF x Far_LoA	-9,61155137	-0,075	0,301
CHR4	20627625	CHR4:20627625	SSF x Far_LoA	-8,77148137	-0,084	0,302
CHR4	20627637	CHR4:20627637	SSF x Far_LoA	-9,89230062	-0,111	0,300
CHR4	20630041	CHR4:20630041	SSF x Far_LoA	-12,7838558	-0,020	0,305
CHR4	20630077	CHR4:20630077	SSF x Far_LoA	-10,4305925	-0,008	0,307
CHR4	20640581	CHR4:20640581	SSF x Far_LoA	-9,28529454	0,018	0,311
CHR4	20640600	CHR4:20640600	SSF x Far_LoA	-8,38436909	-0,046	0,317
CHR4	20640627	CHR4:20640627	SSF x Far_LoA	-9,20610652	0,010	0,303
CHR4	20640834	CHR4:20640834	SSF x Far_LoA	-8,68303705	0,096	0,321
CHR4	20648514	CHR4:20648514	SSF x Far_LoA	-7,12130784	0,131	0,308
CHR4	20648597	CHR4:20648597	SSF x Far_LoA	0,39086729	-0,223	0,292
CHR4	20661125	CHR4:20661125	SSF x Far_LoA	-9,11593985	-0,056	0,298
CHR4	20661127	CHR4:20661127	SSF x Far_LoA	-8,45431703	-0,074	0,302
CHR4	20661135	CHR4:20661135	SSF x Far_LoA	-8,02900069	0,052	0,303
CHR4	20661142	CHR4:20661142	SSF x Far_LoA	-9,4281653	0,127	0,282
CHR4	20661220	CHR4:20661220	SSF x Far_LoA	-8,37567376	-0,113	0,296
CHR4	20661237	CHR4:20661237	SSF x Far_LoA	-9,86527362	-0,041	0,305
CHR4	20661273	CHR4:20661273	SSF x Far_LoA	-8,57181609	0,076	0,301
CHR4	20661276	CHR4:20661276	SSF x Far_LoA	-8,78991962	0,082	0,310
CHR4	20661277	CHR4:20661277	SSF x Far_LoA	-8,42624901	0,081	0,308
CHR4	20661295	CHR4:20661295	SSF x Far_LoA	-11,4184864	0,006	0,310
CHR4	20661336	CHR4:20661336	SSF x Far_LoA	-9,15207811	0,080	0,300
CHR4	20679748	CHR4:20679748	SSF x Far_LoA	-10,9626728	-0,004	0,308
CHR4	20692929	CHR4:20692929	SSF x Far_LoA	-9,78296185	0,003	0,307
CHR4	20692936	CHR4:20692936	SSF x Far_LoA	-10,7065001	0,009	0,305
CHR4	20692979	CHR4:20692979	SSF x Far_LoA	-10,0936789	0,014	0,307
CHR4	20692987	CHR4:20692987	SSF x Far_LoA	-7,95922611	-0,019	0,312
CHR4	20693063	CHR4:20693063	SSF x Far_LoA	-5,96334841	0,215	0,285
CHR4	20694190	CHR4:20694190	SSF x Far_LoA	3,19711759	-0,194	0,298
CHR4	20701233	CHR4:20701233	SSF x Far_LoA	-9,09246581	-0,034	0,312
CHR4	20701236	CHR4:20701236	SSF x Far_LoA	-10,1071545	-0,004	0,309
CHR4	20701321	CHR4:20701321	SSF x Far_LoA	-5,74973673	0,090	0,307
CHR4	20701323	CHR4:20701323	SSF x Far_LoA	-9,12082894	-0,059	0,308
CHR4	20701351	CHR4:20701351	SSF x Far_LoA	-7,36793037	-0,129	0,295
CHR4	20701358	CHR4:20701358	SSF x Far_LoA	-8,59505321	-0,091	0,305

CHR4	20701374	CHR4:20701374	SSF x Far_LoA	-6,83647743	0,162	0,294
CHR4	20701450	CHR4:20701450	SSF x Far_LoA	-8,01433474	-0,085	0,302
CHR4	20701459	CHR4:20701459	SSF x Far_LoA	-8,79857962	-0,068	0,308
CHR4	20701475	CHR4:20701475	SSF x Far_LoA	-7,34724045	-0,084	0,307
CHR4	20711410	CHR4:20711410	SSF x Far_LoA	-10,8877881	0,030	0,307
CHR4	20711414	CHR4:20711414	SSF x Far_LoA	-6,51991642	0,186	0,300
CHR4	20711421	CHR4:20711421	SSF x Far_LoA	-8,5257549	0,004	0,299
CHR4	20711490	CHR4:20711490	SSF x Far_LoA	-6,9951265	0,092	0,316
CHR4	20711507	CHR4:20711507	SSF x Far_LoA	-10,688008	-0,052	0,311
CHR4	20711512	CHR4:20711512	SSF x Far_LoA	-6,85981702	-0,188	0,300
CHR4	20711620	CHR4:20711620	SSF x Far_LoA	-10,7490893	0,000	0,304
CHR4	20720784	CHR4:20720784	SSF x Far_LoA	-10,0196299	-0,149	0,297
CHR4	20721065	CHR4:20721065	SSF x Far_LoA	-8,25615932	0,151	0,296
CHR4	20723545	CHR4:20723545	SSF x Far_LoA	-8,24955666	0,044	0,310
CHR4	20723626	CHR4:20723626	SSF x Far_LoA	-5,67547343	-0,112	0,308
CHR4	20723791	CHR4:20723791	SSF x Far_LoA	-8,30071754	-0,052	0,306
CHR4	20739449	CHR4:20739449	SSF x Far_LoA	-7,22550834	-0,074	0,311
CHR4	20739508	CHR4:20739508	SSF x Far_LoA	-9,4809309	-0,058	0,309
CHR4	20739544	CHR4:20739544	SSF x Far_LoA	-10,4149764	-0,019	0,308
CHR4	20739552	CHR4:20739552	SSF x Far_LoA	-9,94341186	0,056	0,296
CHR4	20739597	CHR4:20739597	SSF x Far_LoA	-8,06902403	-0,124	0,313
CHR4	20745162	CHR4:20745162	SSF x Far_LoA	-8,25871208	-0,093	0,310
CHR4	20748675	CHR4:20748675	SSF x Far_LoA	-8,1183358	0,139	0,296
CHR4	20748677	CHR4:20748677	SSF x Far_LoA	-7,61390108	0,102	0,304
CHR4	20748694	CHR4:20748694	SSF x Far_LoA	-2,59068854	0,091	0,310
CHR4	20748707	CHR4:20748707	SSF x Far_LoA	-8,82559788	0,092	0,306
CHR4	20748745	CHR4:20748745	SSF x Far_LoA	-6,2526368	-0,079	0,321
CHR4	20748817	CHR4:20748817	SSF x Far_LoA	-7,11652581	-0,136	0,296
CHR4	20748855	CHR4:20748855	SSF x Far_LoA	-9,72745887	-0,040	0,313
CHR4	20748911	CHR4:20748911	SSF x Far_LoA	-7,81656216	-0,139	0,307
CHR4	20748934	CHR4:20748934	SSF x Far_LoA	-9,33419315	0,093	0,293
CHR4	2075658	CHR4:2075658	SSF x Far_LoA	-9,88999451	0,100	0,304
CHR4	2075659	CHR4:2075659	SSF x Far_LoA	-9,91474835	0,095	0,302
CHR4	2075660	CHR4:2075660	SSF x Far_LoA	-9,99105709	0,067	0,307
CHR4	2075662	CHR4:2075662	SSF x Far_LoA	-7,9387085	0,114	0,296
CHR4	2075663	CHR4:2075663	SSF x Far_LoA	-9,83827558	0,117	0,309
CHR4	2075665	CHR4:2075665	SSF x Far_LoA	-10,2317646	0,094	0,305
CHR4	20757274	CHR4:20757274	SSF x Far_LoA	-11,5764659	-0,043	0,311
CHR4	2075902	CHR4:2075902	SSF x Far_LoA	-9,92375411	-0,014	0,302
CHR4	2075921	CHR4:2075921	SSF x Far_LoA	-9,89904362	0,059	0,323
CHR4	20761825	CHR4:20761825	SSF x Far_LoA	-6,84969034	-0,161	0,312
CHR4	20761827	CHR4:20761827	SSF x Far_LoA	-8,64131217	-0,053	0,315
CHR4	20761839	CHR4:20761839	SSF x Far_LoA	-10,7899754	-0,063	0,296
CHR4	20761840	CHR4:20761840	SSF x Far_LoA	-10,9683988	0,060	0,308
CHR4	20767013	CHR4:20767013	SSF x Far_LoA	-9,14149171	0,051	0,302
CHR4	20767052	CHR4:20767052	SSF x Far_LoA	-8,03855031	-0,171	0,300
CHR4	20767082	CHR4:20767082	SSF x Far_LoA	-10,2848301	-0,076	0,308
CHR4	20767090	CHR4:20767090	SSF x Far_LoA	-11,4817304	-0,066	0,294
CHR4	20767380	CHR4:20767380	SSF x Far_LoA	-9,91702314	0,099	0,310
CHR4	20767403	CHR4:20767403	SSF x Far_LoA	-9,72211607	0,090	0,306
CHR4	20767464	CHR4:20767464	SSF x Far_LoA	-8,32851085	0,030	0,318
CHR4	20780778	CHR4:20780778	SSF x Far_LoA	-5,94403871	0,128	0,298
CHR4	20793805	CHR4:20793805	SSF x Far_LoA	-7,35095366	-0,076	0,309

CHR4	20798351	CHR4:20798351	SSF x Far_LoA	-7,78209273	-0,096	0,305
CHR4	2083236	CHR4:2083236	SSF x Far_LoA	-8,38782862	0,069	0,303
CHR4	2083276	CHR4:2083276	SSF x Far_LoA	-8,57980722	0,010	0,307
CHR4	20842009	CHR4:20842009	SSF x Far_LoA	-10,0779284	-0,023	0,299
CHR4	20842168	CHR4:20842168	SSF x Far_LoA	-8,8094293	0,033	0,306
CHR4	20842174	CHR4:20842174	SSF x Far_LoA	-8,54920865	0,043	0,296
CHR4	20842372	CHR4:20842372	SSF x Far_LoA	-8,11345164	-0,080	0,313
CHR4	20842440	CHR4:20842440	SSF x Far_LoA	-8,93495298	-0,093	0,309
CHR4	2085943	CHR4:2085943	SSF x Far_LoA	-8,1087776	0,116	0,291
CHR4	2085973	CHR4:2085973	SSF x Far_LoA	-10,7631227	-0,027	0,308
CHR4	2087122	CHR4:2087122	SSF x Far_LoA	-9,68630618	0,065	0,307
CHR4	2087131	CHR4:2087131	SSF x Far_LoA	-11,3325996	-0,025	0,300
CHR4	20872136	CHR4:20872136	SSF x Far_LoA	-6,21544591	0,058	0,311
CHR4	20887878	CHR4:20887878	SSF x Far_LoA	-10,5902454	-0,029	0,302
CHR4	20888154	CHR4:20888154	SSF x Far_LoA	-10,0402031	0,110	0,297
CHR4	20888188	CHR4:20888188	SSF x Far_LoA	-9,31717282	0,144	0,309
CHR4	2088998	CHR4:2088998	SSF x Far_LoA	-10,8000905	-0,057	0,307
CHR4	2089017	CHR4:2089017	SSF x Far_LoA	-9,20983786	-0,041	0,304
CHR4	2089426	CHR4:2089426	SSF x Far_LoA	-9,63952525	0,030	0,308
CHR4	20906342	CHR4:20906342	SSF x Far_LoA	-6,63962159	-0,021	0,319
CHR4	20908476	CHR4:20908476	SSF x Far_LoA	-9,62424179	-0,095	0,305
CHR4	20912553	CHR4:20912553	SSF x Far_LoA	-10,4890215	-0,013	0,319
CHR4	2091796	CHR4:2091796	SSF x Far_LoA	-11,964066	-0,044	0,288
CHR4	20930034	CHR4:20930034	SSF x Far_LoA	-9,2975627	0,012	0,297
CHR4	20935956	CHR4:20935956	SSF x Far_LoA	-8,91296345	-0,003	0,325
CHR4	20963250	CHR4:20963250	SSF x Far_LoA	-9,07745316	-0,046	0,313
CHR4	20976787	CHR4:20976787	SSF x Far_LoA	-7,33118607	-0,009	0,302
CHR4	2099379	CHR4:2099379	SSF x Far_LoA	-9,1470387	-0,054	0,306
CHR4	2099420	CHR4:2099420	SSF x Far_LoA	-11,2352533	-0,062	0,321
CHR4	2099438	CHR4:2099438	SSF x Far_LoA	-8,80400671	-0,047	0,315
CHR4	2099901	CHR4:2099901	SSF x Far_LoA	-7,56026132	0,012	0,307
CHR4	2099940	CHR4:2099940	SSF x Far_LoA	-11,4418059	0,097	0,303
CHR4	2099944	CHR4:2099944	SSF x Far_LoA	-10,9584374	0,086	0,303
CHR4	21003332	CHR4:21003332	SSF x Far_LoA	-6,87430715	0,102	0,298
CHR4	21013734	CHR4:21013734	SSF x Far_LoA	-8,46445289	0,091	0,308
CHR4	21014676	CHR4:21014676	SSF x Far_LoA	-5,47259848	0,081	0,305
CHR4	21039949	CHR4:21039949	SSF x Far_LoA	-10,545338	-0,028	0,304
CHR4	21039969	CHR4:21039969	SSF x Far_LoA	-6,13536309	0,125	0,323
CHR4	21039973	CHR4:21039973	SSF x Far_LoA	-9,12399924	-0,097	0,288
CHR4	21039976	CHR4:21039976	SSF x Far_LoA	-9,67829033	-0,059	0,293
CHR4	21040058	CHR4:21040058	SSF x Far_LoA	-7,99422517	-0,054	0,304
CHR4	21040062	CHR4:21040062	SSF x Far_LoA	-9,87624107	0,007	0,302
CHR4	21040098	CHR4:21040098	SSF x Far_LoA	-7,44609658	0,115	0,320
CHR4	2104098	CHR4:2104098	SSF x Far_LoA	-11,3605173	-0,038	0,320
CHR4	2104160	CHR4:2104160	SSF x Far_LoA	-11,5749962	0,002	0,321
CHR4	2104171	CHR4:2104171	SSF x Far_LoA	-9,00420903	0,021	0,317
CHR4	2104208	CHR4:2104208	SSF x Far_LoA	-8,21684845	-0,066	0,303
CHR4	21050772	CHR4:21050772	SSF x Far_LoA	-11,5820879	0,132	0,310
CHR4	21050902	CHR4:21050902	SSF x Far_LoA	-10,2305758	0,094	0,302
CHR4	21058822	CHR4:21058822	SSF x Far_LoA	-10,7060264	0,020	0,305
CHR4	21058858	CHR4:21058858	SSF x Far_LoA	-9,02446663	0,025	0,305
CHR4	21067397	CHR4:21067397	SSF x Far_LoA	-8,47793762	-0,123	0,305
CHR4	21098861	CHR4:21098861	SSF x Far_LoA	-7,51788918	-0,088	0,315

CHR4	21099122	CHR4:21099122	SSF x Far_LoA	-6,73384794	0,205	0,285
CHR4	21102215	CHR4:21102215	SSF x Far_LoA	-7,01601029	0,127	0,313
CHR4	21109960	CHR4:21109960	SSF x Far_LoA	-10,4291436	-0,051	0,308
CHR4	21110125	CHR4:21110125	SSF x Far_LoA	-11,5358664	0,029	0,304
CHR4	21110127	CHR4:21110127	SSF x Far_LoA	-11,4058211	0,032	0,321
CHR4	21110130	CHR4:21110130	SSF x Far_LoA	-11,3380867	0,021	0,308
CHR4	21110132	CHR4:21110132	SSF x Far_LoA	-10,9938557	0,054	0,314
CHR4	21119509	CHR4:21119509	SSF x Far_LoA	-11,8423237	-0,074	0,306
CHR4	21132117	CHR4:21132117	SSF x Far_LoA	-7,02081781	-0,176	0,312
CHR4	21132119	CHR4:21132119	SSF x Far_LoA	-6,49583534	-0,146	0,313
CHR4	21143165	CHR4:21143165	SSF x Far_LoA	-11,3917632	0,026	0,320
CHR4	21209365	CHR4:21209365	SSF x Far_LoA	-10,8887772	-0,112	0,295
CHR4	21212895	CHR4:21212895	SSF x Far_LoA	-8,4775167	-0,027	0,301
CHR4	21212944	CHR4:21212944	SSF x Far_LoA	-6,95733358	-0,090	0,306
CHR4	2122205	CHR4:2122205	SSF x Far_LoA	-9,64587566	-0,121	0,301
CHR4	21222311	CHR4:21222311	SSF x Far_LoA	-8,17682423	0,038	0,297
CHR4	21222639	CHR4:21222639	SSF x Far_LoA	-10,2771547	-0,097	0,300
CHR4	21243775	CHR4:21243775	SSF x Far_LoA	-10,8476278	-0,031	0,306
CHR4	21244043	CHR4:21244043	SSF x Far_LoA	-7,32807865	-0,141	0,289
CHR4	21246059	CHR4:21246059	SSF x Far_LoA	-7,95082594	-0,126	0,306
CHR4	21247538	CHR4:21247538	SSF x Far_LoA	-9,28196346	-0,005	0,312
CHR4	21257897	CHR4:21257897	SSF x Far_LoA	-7,56019574	0,066	0,302
CHR4	21257985	CHR4:21257985	SSF x Far_LoA	-11,1745142	-0,025	0,299
CHR4	21258028	CHR4:21258028	SSF x Far_LoA	-9,23619852	-0,070	0,297
CHR4	21258032	CHR4:21258032	SSF x Far_LoA	-9,50076147	-0,113	0,298
CHR4	21258098	CHR4:21258098	SSF x Far_LoA	-5,06346678	0,149	0,298
CHR4	21258193	CHR4:21258193	SSF x Far_LoA	-8,26046178	0,091	0,301
CHR4	21258194	CHR4:21258194	SSF x Far_LoA	-9,63195296	0,107	0,311
CHR4	21258198	CHR4:21258198	SSF x Far_LoA	-7,5557998	0,181	0,296
CHR4	21258201	CHR4:21258201	SSF x Far_LoA	-10,6036651	-0,088	0,310
CHR4	21262709	CHR4:21262709	SSF x Far_LoA	-8,94104482	0,090	0,299
CHR4	21262719	CHR4:21262719	SSF x Far_LoA	-10,9805021	-0,012	0,310
CHR4	21262754	CHR4:21262754	SSF x Far_LoA	-10,3787392	0,011	0,303
CHR4	21262796	CHR4:21262796	SSF x Far_LoA	-9,78807312	-0,006	0,321
CHR4	21262820	CHR4:21262820	SSF x Far_LoA	-8,30376208	0,048	0,303
CHR4	21262868	CHR4:21262868	SSF x Far_LoA	-10,8706147	0,022	0,296
CHR4	21262870	CHR4:21262870	SSF x Far_LoA	-2,80251691	0,221	0,283
CHR4	21262910	CHR4:21262910	SSF x Far_LoA	-9,2402425	-0,085	0,309
CHR4	21262919	CHR4:21262919	SSF x Far_LoA	-5,67211749	-0,101	0,300
CHR4	21262990	CHR4:21262990	SSF x Far_LoA	-8,45646844	-0,071	0,307
CHR4	21268538	CHR4:21268538	SSF x Far_LoA	-10,8998143	0,024	0,295
CHR4	21268547	CHR4:21268547	SSF x Far_LoA	-6,91513031	-0,135	0,307
CHR4	21268598	CHR4:21268598	SSF x Far_LoA	-9,79974233	-0,009	0,298
CHR4	21268772	CHR4:21268772	SSF x Far_LoA	-10,6060482	0,031	0,297
CHR4	21272549	CHR4:21272549	SSF x Far_LoA	-8,00615691	-0,055	0,289
CHR4	21272601	CHR4:21272601	SSF x Far_LoA	-11,0278616	0,029	0,311
CHR4	21272622	CHR4:21272622	SSF x Far_LoA	-11,6021605	0,024	0,311
CHR4	21272637	CHR4:21272637	SSF x Far_LoA	-9,38328395	-0,054	0,311
CHR4	21278364	CHR4:21278364	SSF x Far_LoA	-7,53716562	0,048	0,309
CHR4	21278375	CHR4:21278375	SSF x Far_LoA	-6,13672339	-0,148	0,300
CHR4	21278414	CHR4:21278414	SSF x Far_LoA	-11,5924713	-0,083	0,286
CHR4	21278443	CHR4:21278443	SSF x Far_LoA	-7,63802081	-0,058	0,312
CHR4	21285896	CHR4:21285896	SSF x Far_LoA	-11,6702578	0,013	0,291

CHR4	21285928	CHR4:21285928	SSF x Far_LoA	-11,7807742	0,016	0,303
CHR4	21285962	CHR4:21285962	SSF x Far_LoA	-8,01089958	-0,113	0,303
CHR4	21289527	CHR4:21289527	SSF x Far_LoA	-8,46840565	0,050	0,306
CHR4	21289668	CHR4:21289668	SSF x Far_LoA	-10,7613245	-0,026	0,305
CHR4	21295968	CHR4:21295968	SSF x Far_LoA	-11,0827932	0,070	0,311
CHR4	21295999	CHR4:21295999	SSF x Far_LoA	-7,1472486	0,136	0,293
CHR4	21296048	CHR4:21296048	SSF x Far_LoA	-8,93835811	0,051	0,300
CHR4	21296067	CHR4:21296067	SSF x Far_LoA	-10,6319205	0,075	0,295
CHR4	21305408	CHR4:21305408	SSF x Far_LoA	-8,91929899	0,054	0,313
CHR4	21305432	CHR4:21305432	SSF x Far_LoA	-9,81264454	-0,035	0,318
CHR4	21305463	CHR4:21305463	SSF x Far_LoA	-9,41151626	0,061	0,307
CHR4	21305518	CHR4:21305518	SSF x Far_LoA	-9,28650751	-0,051	0,289
CHR4	21305581	CHR4:21305581	SSF x Far_LoA	-5,61534754	-0,019	0,317
CHR4	2131165	CHR4:2131165	SSF x Far_LoA	-5,92387417	0,044	0,295
CHR4	2131176	CHR4:2131176	SSF x Far_LoA	-9,62416393	0,071	0,315
CHR4	2131219	CHR4:2131219	SSF x Far_LoA	-10,2086971	0,067	0,301
CHR4	21312981	CHR4:21312981	SSF x Far_LoA	-7,61463096	0,134	0,306
CHR4	21313016	CHR4:21313016	SSF x Far_LoA	-9,65061938	0,006	0,317
CHR4	21313090	CHR4:21313090	SSF x Far_LoA	-7,05052886	-0,044	0,317
CHR4	21313240	CHR4:21313240	SSF x Far_LoA	-8,73418049	-0,023	0,311
CHR4	21314959	CHR4:21314959	SSF x Far_LoA	-8,47828675	-0,125	0,308
CHR4	21320681	CHR4:21320681	SSF x Far_LoA	-8,12382872	0,105	0,315
CHR4	21320685	CHR4:21320685	SSF x Far_LoA	-8,60479126	0,117	0,309
CHR4	21334763	CHR4:21334763	SSF x Far_LoA	-8,55081776	-0,017	0,309
CHR4	21334830	CHR4:21334830	SSF x Far_LoA	-7,74404657	-0,022	0,301
CHR4	21341446	CHR4:21341446	SSF x Far_LoA	-10,1440681	0,023	0,303
CHR4	21343611	CHR4:21343611	SSF x Far_LoA	-6,40207906	0,124	0,298
CHR4	21343666	CHR4:21343666	SSF x Far_LoA	-9,63117901	0,096	0,307
CHR4	21343703	CHR4:21343703	SSF x Far_LoA	-10,7706206	0,105	0,311
CHR4	21346076	CHR4:21346076	SSF x Far_LoA	-9,42986507	-0,027	0,309
CHR4	21346089	CHR4:21346089	SSF x Far_LoA	-9,62666085	-0,019	0,315
CHR4	21346102	CHR4:21346102	SSF x Far_LoA	-8,73427272	0,051	0,308
CHR4	21346111	CHR4:21346111	SSF x Far_LoA	-11,4197983	-0,017	0,309
CHR4	21346113	CHR4:21346113	SSF x Far_LoA	-9,61986428	-0,044	0,316
CHR4	21346139	CHR4:21346139	SSF x Far_LoA	-11,0696361	0,020	0,304
CHR4	21346141	CHR4:21346141	SSF x Far_LoA	-8,78694789	0,024	0,321
CHR4	21346170	CHR4:21346170	SSF x Far_LoA	-8,49214883	-0,031	0,296
CHR4	21346196	CHR4:21346196	SSF x Far_LoA	-7,59198155	-0,081	0,312
CHR4	21346219	CHR4:21346219	SSF x Far_LoA	-8,42586016	0,150	0,298
CHR4	21353490	CHR4:21353490	SSF x Far_LoA	-10,3572921	-0,087	0,303
CHR4	21353551	CHR4:21353551	SSF x Far_LoA	-11,0217243	0,101	0,304
CHR4	21353554	CHR4:21353554	SSF x Far_LoA	-10,4833579	0,001	0,310
CHR4	21353555	CHR4:21353555	SSF x Far_LoA	-10,6780859	-0,076	0,309
CHR4	21369086	CHR4:21369086	SSF x Far_LoA	-6,78174933	0,106	0,308
CHR4	21370688	CHR4:21370688	SSF x Far_LoA	-5,77129303	-0,023	0,315
CHR4	21370806	CHR4:21370806	SSF x Far_LoA	-9,07898355	0,031	0,302
CHR4	2137833	CHR4:2137833	SSF x Far_LoA	-7,27939075	0,161	0,309
CHR4	2137842	CHR4:2137842	SSF x Far_LoA	-7,1249303	-0,041	0,312
CHR4	2137898	CHR4:2137898	SSF x Far_LoA	-10,6056999	0,072	0,301
CHR4	2137965	CHR4:2137965	SSF x Far_LoA	-10,5921551	0,065	0,309
CHR4	21381089	CHR4:21381089	SSF x Far_LoA	-8,23590285	-0,071	0,310
CHR4	21381248	CHR4:21381248	SSF x Far_LoA	-10,1954217	0,118	0,308
CHR4	21381326	CHR4:21381326	SSF x Far_LoA	-11,2582816	-0,031	0,302

CHR4	21381400	CHR4:21381400	SSF x Far_LoA	-8,51496521	-0,050	0,306
CHR4	21385253	CHR4:21385253	SSF x Far_LoA	-9,50947059	-0,070	0,311
CHR4	21385312	CHR4:21385312	SSF x Far_LoA	-7,90934481	-0,081	0,312
CHR4	21385313	CHR4:21385313	SSF x Far_LoA	-9,0219517	-0,056	0,312
CHR4	21385368	CHR4:21385368	SSF x Far_LoA	-8,77118613	0,077	0,308
CHR4	21385382	CHR4:21385382	SSF x Far_LoA	-9,57011087	0,039	0,317
CHR4	21388353	CHR4:21388353	SSF x Far_LoA	-7,87023284	0,071	0,301
CHR4	21401055	CHR4:21401055	SSF x Far_LoA	-9,40449288	-0,123	0,307
CHR4	21401202	CHR4:21401202	SSF x Far_LoA	-8,73616354	-0,084	0,307
CHR4	21410237	CHR4:21410237	SSF x Far_LoA	-8,70370175	-0,003	0,298
CHR4	21410263	CHR4:21410263	SSF x Far_LoA	-8,69241353	-0,044	0,318
CHR4	21410267	CHR4:21410267	SSF x Far_LoA	-8,02805056	0,055	0,320
CHR4	21410308	CHR4:21410308	SSF x Far_LoA	-9,23369679	0,053	0,298
CHR4	21410316	CHR4:21410316	SSF x Far_LoA	-11,6236755	-0,010	0,296
CHR4	21421963	CHR4:21421963	SSF x Far_LoA	-10,8144866	0,091	0,315
CHR4	21421996	CHR4:21421996	SSF x Far_LoA	-3,44447301	-0,141	0,299
CHR4	21422058	CHR4:21422058	SSF x Far_LoA	-8,41734958	0,050	0,318
CHR4	21422061	CHR4:21422061	SSF x Far_LoA	-10,4109165	-0,018	0,309
CHR4	21422219	CHR4:21422219	SSF x Far_LoA	-7,389266	0,173	0,286
CHR4	21427421	CHR4:21427421	SSF x Far_LoA	-8,30663902	0,134	0,304
CHR4	21450088	CHR4:21450088	SSF x Far_LoA	-10,1379059	-0,067	0,320
CHR4	21450309	CHR4:21450309	SSF x Far_LoA	-10,7787524	0,034	0,305
CHR4	21462592	CHR4:21462592	SSF x Far_LoA	-3,81909903	0,119	0,320
CHR4	21462609	CHR4:21462609	SSF x Far_LoA	-10,8444166	0,048	0,300
CHR4	21462730	CHR4:21462730	SSF x Far_LoA	-9,84657942	-0,035	0,305
CHR4	21462774	CHR4:21462774	SSF x Far_LoA	-10,1184188	0,151	0,285
CHR4	21462830	CHR4:21462830	SSF x Far_LoA	-10,2715378	0,062	0,301
CHR4	214697	CHR4:214697	SSF x Far_LoA	-8,14925834	0,065	0,309
CHR4	2147465	CHR4:2147465	SSF x Far_LoA	-8,01493802	0,120	0,299
CHR4	21482417	CHR4:21482417	SSF x Far_LoA	-7,02646883	0,082	0,310
CHR4	21482427	CHR4:21482427	SSF x Far_LoA	-11,1221793	-0,105	0,302
CHR4	21482471	CHR4:21482471	SSF x Far_LoA	-9,75688751	0,032	0,299
CHR4	21482494	CHR4:21482494	SSF x Far_LoA	-8,70220906	-0,065	0,315
CHR4	21482528	CHR4:21482528	SSF x Far_LoA	-7,03280106	-0,141	0,310
CHR4	21484669	CHR4:21484669	SSF x Far_LoA	-5,82268073	-0,004	0,308
CHR4	21484687	CHR4:21484687	SSF x Far_LoA	-10,8112159	0,008	0,307
CHR4	21484699	CHR4:21484699	SSF x Far_LoA	-2,44353147	0,098	0,295
CHR4	21484737	CHR4:21484737	SSF x Far_LoA	-8,23697609	0,148	0,296
CHR4	21484758	CHR4:21484758	SSF x Far_LoA	-9,58794363	0,095	0,292
CHR4	21491697	CHR4:21491697	SSF x Far_LoA	-7,74422875	-0,079	0,316
CHR4	21491808	CHR4:21491808	SSF x Far_LoA	-6,18579765	-0,103	0,319
CHR4	21491945	CHR4:21491945	SSF x Far_LoA	-8,80676162	-0,068	0,315
CHR4	21491955	CHR4:21491955	SSF x Far_LoA	-7,18984092	-0,103	0,301
CHR4	21491961	CHR4:21491961	SSF x Far_LoA	-9,87738561	-0,058	0,313
CHR4	21494382	CHR4:21494382	SSF x Far_LoA	-8,42626075	-0,022	0,303
CHR4	21494416	CHR4:21494416	SSF x Far_LoA	-9,73857212	-0,077	0,297
CHR4	21494422	CHR4:21494422	SSF x Far_LoA	-8,93444664	-0,073	0,315
CHR4	21494435	CHR4:21494435	SSF x Far_LoA	-6,08389544	-0,134	0,295
CHR4	21500277	CHR4:21500277	SSF x Far_LoA	-10,63202	0,030	0,315
CHR4	21500362	CHR4:21500362	SSF x Far_LoA	-8,33470771	-0,058	0,294
CHR4	21500469	CHR4:21500469	SSF x Far_LoA	-8,81744861	0,031	0,309
CHR4	21514361	CHR4:21514361	SSF x Far_LoA	-8,14039295	-0,056	0,316
CHR4	21514502	CHR4:21514502	SSF x Far_LoA	-9,1487065	-0,128	0,304

CHR4	21516459	CHR4:21516459	SSF x Far_LoA	-10,8992011	0,084	0,303
CHR4	21523817	CHR4:21523817	SSF x Far_LoA	-10,0029643	-0,006	0,300
CHR4	2152442	CHR4:2152442	SSF x Far_LoA	-8,2849134	0,126	0,299
CHR4	21538709	CHR4:21538709	SSF x Far_LoA	-7,54638548	0,121	0,299
CHR4	21541759	CHR4:21541759	SSF x Far_LoA	-9,89739606	0,071	0,309
CHR4	21541763	CHR4:21541763	SSF x Far_LoA	-8,48607403	0,058	0,296
CHR4	21541797	CHR4:21541797	SSF x Far_LoA	-10,8488841	0,022	0,292
CHR4	21541866	CHR4:21541866	SSF x Far_LoA	-9,91227857	-0,041	0,327
CHR4	21541868	CHR4:21541868	SSF x Far_LoA	-4,98144539	0,151	0,302
CHR4	21543943	CHR4:21543943	SSF x Far_LoA	-7,75825509	-0,033	0,316
CHR4	21543948	CHR4:21543948	SSF x Far_LoA	-8,55796081	0,025	0,310
CHR4	21543950	CHR4:21543950	SSF x Far_LoA	-9,19723666	0,064	0,306
CHR4	21544004	CHR4:21544004	SSF x Far_LoA	-9,26507334	-0,015	0,297
CHR4	21544005	CHR4:21544005	SSF x Far_LoA	-9,47685627	-0,062	0,315
CHR4	21544010	CHR4:21544010	SSF x Far_LoA	-7,25481959	-0,024	0,303
CHR4	21544042	CHR4:21544042	SSF x Far_LoA	-7,24387321	-0,026	0,308
CHR4	21546458	CHR4:21546458	SSF x Far_LoA	-10,5142893	0,129	0,305
CHR4	21546463	CHR4:21546463	SSF x Far_LoA	-9,20202603	-0,091	0,298
CHR4	21546571	CHR4:21546571	SSF x Far_LoA	-8,19887386	0,118	0,297
CHR4	21546638	CHR4:21546638	SSF x Far_LoA	-9,55496833	0,012	0,307
CHR4	21555073	CHR4:21555073	SSF x Far_LoA	-8,3773899	-0,062	0,309
CHR4	21555128	CHR4:21555128	SSF x Far_LoA	-11,4830392	-0,075	0,311
CHR4	21555243	CHR4:21555243	SSF x Far_LoA	-6,65932202	-0,113	0,317
CHR4	21555252	CHR4:21555252	SSF x Far_LoA	-11,2228925	0,023	0,305
CHR4	21555277	CHR4:21555277	SSF x Far_LoA	-8,37498636	-0,070	0,298
CHR4	21555286	CHR4:21555286	SSF x Far_LoA	-10,000282	-0,123	0,296
CHR4	21557340	CHR4:21557340	SSF x Far_LoA	-8,41444859	0,112	0,308
CHR4	21557464	CHR4:21557464	SSF x Far_LoA	-9,93028586	-0,071	0,301
CHR4	21559334	CHR4:21559334	SSF x Far_LoA	-6,38496581	0,156	0,314
CHR4	21559338	CHR4:21559338	SSF x Far_LoA	-10,4510751	-0,016	0,326
CHR4	21575767	CHR4:21575767	SSF x Far_LoA	3,49649769	-0,162	0,309
CHR4	21575962	CHR4:21575962	SSF x Far_LoA	-7,84895739	-0,072	0,320
CHR4	21575986	CHR4:21575986	SSF x Far_LoA	-8,2217815	-0,102	0,315
CHR4	21576022	CHR4:21576022	SSF x Far_LoA	-9,56811379	0,032	0,312
CHR4	21584584	CHR4:21584584	SSF x Far_LoA	-9,25600567	0,063	0,310
CHR4	21584652	CHR4:21584652	SSF x Far_LoA	-9,38059875	0,057	0,314
CHR4	21614667	CHR4:21614667	SSF x Far_LoA	-8,47257374	-0,058	0,314
CHR4	21614729	CHR4:21614729	SSF x Far_LoA	-8,11746204	-0,077	0,317
CHR4	21614744	CHR4:21614744	SSF x Far_LoA	-8,60037546	0,043	0,308
CHR4	21622441	CHR4:21622441	SSF x Far_LoA	-8,05275627	-0,030	0,309
CHR4	21622447	CHR4:21622447	SSF x Far_LoA	-10,9648362	-0,042	0,312
CHR4	21622483	CHR4:21622483	SSF x Far_LoA	-9,51531572	-0,044	0,313
CHR4	21629486	CHR4:21629486	SSF x Far_LoA	-9,26217879	-0,011	0,295
CHR4	21629499	CHR4:21629499	SSF x Far_LoA	-9,22373723	-0,033	0,303
CHR4	21629500	CHR4:21629500	SSF x Far_LoA	-9,51940526	-0,043	0,294
CHR4	21629537	CHR4:21629537	SSF x Far_LoA	-11,9753588	0,003	0,294
CHR4	21629552	CHR4:21629552	SSF x Far_LoA	-9,89430468	0,058	0,295
CHR4	21629554	CHR4:21629554	SSF x Far_LoA	-10,0370065	0,031	0,287
CHR4	21629557	CHR4:21629557	SSF x Far_LoA	-7,2999669	-0,010	0,297
CHR4	21629627	CHR4:21629627	SSF x Far_LoA	-8,84998512	-0,088	0,300
CHR4	21655275	CHR4:21655275	SSF x Far_LoA	-9,37890221	-0,053	0,322
CHR4	21655305	CHR4:21655305	SSF x Far_LoA	-10,3100534	0,037	0,291
CHR4	21655326	CHR4:21655326	SSF x Far_LoA	-8,26836821	-0,064	0,319

CHR4	21655331	CHR4:21655331	SSF x Far_LoA	-0,17252177	-0,025	0,308
CHR4	2166312	CHR4:2166312	SSF x Far_LoA	-9,04362166	-0,102	0,305
CHR4	2166343	CHR4:2166343	SSF x Far_LoA	-9,12064252	-0,088	0,292
CHR4	2166400	CHR4:2166400	SSF x Far_LoA	-1,19629344	0,143	0,305
CHR4	21665766	CHR4:21665766	SSF x Far_LoA	-11,5932556	0,037	0,302
CHR4	21665771	CHR4:21665771	SSF x Far_LoA	-11,6607182	0,052	0,301
CHR4	21665800	CHR4:21665800	SSF x Far_LoA	-11,8470748	0,053	0,318
CHR4	21670261	CHR4:21670261	SSF x Far_LoA	-8,40755766	0,034	0,307
CHR4	21670288	CHR4:21670288	SSF x Far_LoA	-9,77372589	0,043	0,302
CHR4	21670317	CHR4:21670317	SSF x Far_LoA	-9,13265129	0,063	0,308
CHR4	21683010	CHR4:21683010	SSF x Far_LoA	-8,89972643	-0,024	0,322
CHR4	21683011	CHR4:21683011	SSF x Far_LoA	-7,89134615	-0,004	0,318
CHR4	21683014	CHR4:21683014	SSF x Far_LoA	-9,23728758	0,015	0,311
CHR4	21686386	CHR4:21686386	SSF x Far_LoA	-8,90040918	0,069	0,313
CHR4	21694850	CHR4:21694850	SSF x Far_LoA	-9,44068488	0,047	0,305
CHR4	21696159	CHR4:21696159	SSF x Far_LoA	-7,03406919	0,021	0,321
CHR4	21696170	CHR4:21696170	SSF x Far_LoA	-9,24119103	-0,059	0,318
CHR4	21696182	CHR4:21696182	SSF x Far_LoA	-8,48774183	0,105	0,296
CHR4	21701894	CHR4:21701894	SSF x Far_LoA	-8,44694651	0,104	0,297
CHR4	21703295	CHR4:21703295	SSF x Far_LoA	-9,72611801	0,041	0,312
CHR4	21703334	CHR4:21703334	SSF x Far_LoA	-7,5297498	-0,137	0,311
CHR4	21705377	CHR4:21705377	SSF x Far_LoA	-11,2006733	-0,024	0,310
CHR4	21705651	CHR4:21705651	SSF x Far_LoA	-8,85229693	-0,007	0,302
CHR4	2171118	CHR4:2171118	SSF x Far_LoA	-10,2937913	0,061	0,285
CHR4	2171135	CHR4:2171135	SSF x Far_LoA	-11,46895	0,021	0,292
CHR4	2171350	CHR4:2171350	SSF x Far_LoA	-10,6677369	0,093	0,302
CHR4	2171355	CHR4:2171355	SSF x Far_LoA	-11,5803614	0,014	0,302
CHR4	2171807	CHR4:2171807	SSF x Far_LoA	-7,95267028	0,205	0,284
CHR4	2171843	CHR4:2171843	SSF x Far_LoA	-1,49787782	0,148	0,297
CHR4	21720123	CHR4:21720123	SSF x Far_LoA	-11,1909489	0,007	0,314
CHR4	21720131	CHR4:21720131	SSF x Far_LoA	-7,54613116	0,079	0,317
CHR4	21728903	CHR4:21728903	SSF x Far_LoA	-8,89680477	-0,125	0,306
CHR4	21728919	CHR4:21728919	SSF x Far_LoA	-8,74205146	0,065	0,306
CHR4	21728941	CHR4:21728941	SSF x Far_LoA	-9,327796	-0,050	0,308
CHR4	21729036	CHR4:21729036	SSF x Far_LoA	-8,07151177	0,156	0,298
CHR4	21729066	CHR4:21729066	SSF x Far_LoA	-9,21192519	-0,097	0,303
CHR4	21730581	CHR4:21730581	SSF x Far_LoA	-7,55460558	-0,078	0,312
CHR4	21730589	CHR4:21730589	SSF x Far_LoA	0,43949697	0,047	0,306
CHR4	21730653	CHR4:21730653	SSF x Far_LoA	-9,98426784	0,011	0,306
CHR4	21732360	CHR4:21732360	SSF x Far_LoA	-8,51483915	0,115	0,299
CHR4	21733211	CHR4:21733211	SSF x Far_LoA	-7,33684981	0,106	0,299
CHR4	21733231	CHR4:21733231	SSF x Far_LoA	-10,1848523	-0,074	0,311
CHR4	21733247	CHR4:21733247	SSF x Far_LoA	-8,73626097	-0,020	0,312
CHR4	21748619	CHR4:21748619	SSF x Far_LoA	-11,7701039	-0,010	0,309
CHR4	2176243	CHR4:2176243	SSF x Far_LoA	-10,2848545	-0,104	0,316
CHR4	2176308	CHR4:2176308	SSF x Far_LoA	-10,308277	0,005	0,309
CHR4	2177702	CHR4:2177702	SSF x Far_LoA	-7,94897162	-0,013	0,302
CHR4	2177716	CHR4:2177716	SSF x Far_LoA	-11,6576027	0,069	0,296
CHR4	2177757	CHR4:2177757	SSF x Far_LoA	-9,71420916	0,025	0,316
CHR4	2177783	CHR4:2177783	SSF x Far_LoA	-2,70717203	0,019	0,331
CHR4	21790034	CHR4:21790034	SSF x Far_LoA	-8,2242929	-0,065	0,303
CHR4	21790086	CHR4:21790086	SSF x Far_LoA	-5,60469699	-0,087	0,300
CHR4	21790169	CHR4:21790169	SSF x Far_LoA	-11,7392047	-0,013	0,302

CHR4	21802610	CHR4:21802610	SSF x Far_LoA	-11,6056412	-0,021	0,303
CHR4	21808863	CHR4:21808863	SSF x Far_LoA	-11,3540833	0,081	0,290
CHR4	21812719	CHR4:21812719	SSF x Far_LoA	-9,12717647	0,092	0,309
CHR4	21827080	CHR4:21827080	SSF x Far_LoA	-8,75388848	-0,013	0,317
CHR4	21827237	CHR4:21827237	SSF x Far_LoA	-10,5769678	0,086	0,310
CHR4	21840106	CHR4:21840106	SSF x Far_LoA	-10,660465	0,089	0,314
CHR4	21840132	CHR4:21840132	SSF x Far_LoA	-9,93247502	0,046	0,316
CHR4	21840137	CHR4:21840137	SSF x Far_LoA	-10,8762752	0,081	0,305
CHR4	21840181	CHR4:21840181	SSF x Far_LoA	-10,0666191	-0,047	0,320
CHR4	2184332	CHR4:2184332	SSF x Far_LoA	-9,63051274	-0,050	0,303
CHR4	2184333	CHR4:2184333	SSF x Far_LoA	-4,13710248	-0,121	0,314
CHR4	2184363	CHR4:2184363	SSF x Far_LoA	-11,0379121	0,052	0,300
CHR4	2184365	CHR4:2184365	SSF x Far_LoA	-9,54599947	-0,001	0,307
CHR4	2184401	CHR4:2184401	SSF x Far_LoA	-10,4522119	-0,094	0,303
CHR4	21851985	CHR4:21851985	SSF x Far_LoA	-9,51758973	-0,029	0,306
CHR4	21852086	CHR4:21852086	SSF x Far_LoA	-10,1892497	-0,028	0,298
CHR4	21852107	CHR4:21852107	SSF x Far_LoA	-8,81290773	-0,024	0,313
CHR4	21852114	CHR4:21852114	SSF x Far_LoA	-10,7948011	-0,104	0,294
CHR4	21852177	CHR4:21852177	SSF x Far_LoA	-8,5827964	0,099	0,314
CHR4	21859812	CHR4:21859812	SSF x Far_LoA	-12,3460447	0,017	0,300
CHR4	21859829	CHR4:21859829	SSF x Far_LoA	-7,30931602	-0,095	0,324
CHR4	21859836	CHR4:21859836	SSF x Far_LoA	-6,53837545	0,044	0,305
CHR4	21859838	CHR4:21859838	SSF x Far_LoA	-8,91569726	0,009	0,300
CHR4	21859842	CHR4:21859842	SSF x Far_LoA	-5,99468434	-0,132	0,303
CHR4	21872254	CHR4:21872254	SSF x Far_LoA	-11,6707813	0,035	0,301
CHR4	21872274	CHR4:21872274	SSF x Far_LoA	-10,9483637	-0,015	0,304
CHR4	21872298	CHR4:21872298	SSF x Far_LoA	-9,72541483	-0,032	0,316
CHR4	21872410	CHR4:21872410	SSF x Far_LoA	-10,1188704	-0,031	0,304
CHR4	21872416	CHR4:21872416	SSF x Far_LoA	-9,49685677	-0,036	0,283
CHR4	21872454	CHR4:21872454	SSF x Far_LoA	-9,5905389	-0,063	0,324
CHR4	21880756	CHR4:21880756	SSF x Far_LoA	-10,7676076	0,065	0,296
CHR4	21880775	CHR4:21880775	SSF x Far_LoA	-10,0359255	-0,021	0,304
CHR4	2189875	CHR4:2189875	SSF x Far_LoA	-5,03612168	0,184	0,304
CHR4	2189881	CHR4:2189881	SSF x Far_LoA	-10,7000274	0,044	0,286
CHR4	21908969	CHR4:21908969	SSF x Far_LoA	-3,28125436	-0,055	0,307
CHR4	21908991	CHR4:21908991	SSF x Far_LoA	-9,74655322	0,050	0,300
CHR4	21914355	CHR4:21914355	SSF x Far_LoA	-10,3700695	0,043	0,297
CHR4	21914391	CHR4:21914391	SSF x Far_LoA	-8,30862958	-0,030	0,311
CHR4	21914402	CHR4:21914402	SSF x Far_LoA	-11,2933445	0,020	0,301
CHR4	21914436	CHR4:21914436	SSF x Far_LoA	-9,13540066	0,152	0,301
CHR4	21934985	CHR4:21934985	SSF x Far_LoA	-11,5033247	-0,091	0,319
CHR4	21935148	CHR4:21935148	SSF x Far_LoA	-10,9805163	0,085	0,312
CHR4	21935154	CHR4:21935154	SSF x Far_LoA	-11,826824	-0,038	0,298
CHR4	21935160	CHR4:21935160	SSF x Far_LoA	-10,8618986	-0,067	0,299
CHR4	21940609	CHR4:21940609	SSF x Far_LoA	-2,28363585	-0,080	0,312
CHR4	21942586	CHR4:21942586	SSF x Far_LoA	-8,99161918	-0,005	0,311
CHR4	21942595	CHR4:21942595	SSF x Far_LoA	-8,9727902	-0,007	0,310
CHR4	21942599	CHR4:21942599	SSF x Far_LoA	-11,6454963	-0,078	0,302
CHR4	21942611	CHR4:21942611	SSF x Far_LoA	-8,63293258	-0,023	0,310
CHR4	21942613	CHR4:21942613	SSF x Far_LoA	-8,28825645	-0,144	0,298
CHR4	21942658	CHR4:21942658	SSF x Far_LoA	-10,3434157	-0,030	0,319
CHR4	21949753	CHR4:21949753	SSF x Far_LoA	-7,53363227	-0,120	0,304
CHR4	21949980	CHR4:21949980	SSF x Far_LoA	-10,9283653	0,027	0,303

CHR4	21950032	CHR4:21950032	SSF x Far_LoA	-9,16914025	0,051	0,303
CHR4	21950036	CHR4:21950036	SSF x Far_LoA	-8,13217179	0,068	0,309
CHR4	21950074	CHR4:21950074	SSF x Far_LoA	-8,39672043	0,056	0,309
CHR4	21950102	CHR4:21950102	SSF x Far_LoA	-8,88421167	0,150	0,289
CHR4	2195709	CHR4:2195709	SSF x Far_LoA	-8,76353806	0,071	0,302
CHR4	2195718	CHR4:2195718	SSF x Far_LoA	-7,86454165	0,081	0,311
CHR4	2195748	CHR4:2195748	SSF x Far_LoA	-7,8654649	-0,147	0,280
CHR4	2195762	CHR4:2195762	SSF x Far_LoA	-9,67664553	0,013	0,292
CHR4	2195828	CHR4:2195828	SSF x Far_LoA	-8,38723249	-0,076	0,310
CHR4	2195882	CHR4:2195882	SSF x Far_LoA	-8,05133724	0,093	0,307
CHR4	2195908	CHR4:2195908	SSF x Far_LoA	-8,14482962	-0,040	0,308
CHR4	21960209	CHR4:21960209	SSF x Far_LoA	-9,1288218	-0,084	0,309
CHR4	21960313	CHR4:21960313	SSF x Far_LoA	-5,39162409	-0,125	0,301
CHR4	21960474	CHR4:21960474	SSF x Far_LoA	-11,3261045	0,052	0,303
CHR4	21971250	CHR4:21971250	SSF x Far_LoA	-10,0349505	0,007	0,310
CHR4	21978676	CHR4:21978676	SSF x Far_LoA	-8,93520772	-0,033	0,325
CHR4	21985010	CHR4:21985010	SSF x Far_LoA	-9,07720262	-0,094	0,316
CHR4	21985060	CHR4:21985060	SSF x Far_LoA	-6,88949654	0,139	0,294
CHR4	21998265	CHR4:21998265	SSF x Far_LoA	-4,91887484	-0,068	0,323
CHR4	21998282	CHR4:21998282	SSF x Far_LoA	-4,94414194	0,093	0,309
CHR4	21998307	CHR4:21998307	SSF x Far_LoA	-8,73078833	0,033	0,304
CHR4	21998352	CHR4:21998352	SSF x Far_LoA	-11,4109948	0,009	0,297
CHR4	21998354	CHR4:21998354	SSF x Far_LoA	-10,4431645	-0,099	0,296
CHR4	21998375	CHR4:21998375	SSF x Far_LoA	-8,00060057	-0,043	0,297
CHR4	21998450	CHR4:21998450	SSF x Far_LoA	-8,46682456	0,051	0,299
CHR4	21998456	CHR4:21998456	SSF x Far_LoA	-9,264259	0,064	0,312
CHR4	22004704	CHR4:22004704	SSF x Far_LoA	-9,93576044	0,059	0,296
CHR4	22004706	CHR4:22004706	SSF x Far_LoA	-10,2949771	-0,009	0,303
CHR4	22004731	CHR4:22004731	SSF x Far_LoA	-8,65225732	-0,045	0,307
CHR4	22004756	CHR4:22004756	SSF x Far_LoA	-8,96058467	-0,035	0,299
CHR4	22004808	CHR4:22004808	SSF x Far_LoA	-8,134389	-0,035	0,297
CHR4	22004912	CHR4:22004912	SSF x Far_LoA	-7,93077677	-0,061	0,317
CHR4	22004935	CHR4:22004935	SSF x Far_LoA	-6,52976459	-0,079	0,321
CHR4	2201805	CHR4:2201805	SSF x Far_LoA	-12,26444	-0,026	0,292
CHR4	2201811	CHR4:2201811	SSF x Far_LoA	-5,97542264	0,148	0,299
CHR4	2201900	CHR4:2201900	SSF x Far_LoA	-8,52570998	-0,044	0,304
CHR4	2201913	CHR4:2201913	SSF x Far_LoA	-7,99875791	0,090	0,300
CHR4	2201923	CHR4:2201923	SSF x Far_LoA	-9,04839483	0,014	0,307
CHR4	22043827	CHR4:22043827	SSF x Far_LoA	-9,96134871	-0,186	0,290
CHR4	22043944	CHR4:22043944	SSF x Far_LoA	-6,52217979	-0,146	0,302
CHR4	22044026	CHR4:22044026	SSF x Far_LoA	-10,1396706	-0,028	0,316
CHR4	22048027	CHR4:22048027	SSF x Far_LoA	-7,82857133	0,171	0,302
CHR4	22050184	CHR4:22050184	SSF x Far_LoA	-6,6940822	0,154	0,313
CHR4	22056468	CHR4:22056468	SSF x Far_LoA	-8,12669054	-0,034	0,315
CHR4	2206247	CHR4:2206247	SSF x Far_LoA	-9,66568974	-0,047	0,304
CHR4	2207234	CHR4:2207234	SSF x Far_LoA	-8,42220722	-0,009	0,320
CHR4	2207417	CHR4:2207417	SSF x Far_LoA	-8,55453685	-0,058	0,296
CHR4	2207419	CHR4:2207419	SSF x Far_LoA	-8,31363631	0,086	0,304
CHR4	2207421	CHR4:2207421	SSF x Far_LoA	-10,6785822	0,024	0,295
CHR4	22078934	CHR4:22078934	SSF x Far_LoA	-11,7244083	-0,078	0,293
CHR4	22078972	CHR4:22078972	SSF x Far_LoA	-8,16473467	-0,085	0,296
CHR4	2208959	CHR4:2208959	SSF x Far_LoA	-9,87963985	0,168	0,292
CHR4	22096536	CHR4:22096536	SSF x Far_LoA	-9,87545632	0,018	0,306

CHR4	22096876	CHR4:22096876	SSF x Far_LoA	-6,66061241	0,092	0,305
CHR4	22096911	CHR4:22096911	SSF x Far_LoA	-11,6031561	-0,034	0,299
CHR4	22111705	CHR4:22111705	SSF x Far_LoA	-8,16897631	-0,087	0,309
CHR4	22111795	CHR4:22111795	SSF x Far_LoA	-11,1127109	0,066	0,312
CHR4	22113879	CHR4:22113879	SSF x Far_LoA	-10,477924	0,047	0,300
CHR4	22113923	CHR4:22113923	SSF x Far_LoA	-9,35568137	-0,037	0,322
CHR4	22113970	CHR4:22113970	SSF x Far_LoA	-8,58860355	-0,100	0,301
CHR4	22114045	CHR4:22114045	SSF x Far_LoA	-11,4431696	-0,040	0,311
CHR4	22124725	CHR4:22124725	SSF x Far_LoA	-8,3121383	-0,025	0,304
CHR4	22124821	CHR4:22124821	SSF x Far_LoA	-8,26491579	0,109	0,310
CHR4	22124863	CHR4:22124863	SSF x Far_LoA	-8,99308543	-0,027	0,300
CHR4	22124933	CHR4:22124933	SSF x Far_LoA	-10,115214	-0,093	0,312
CHR4	22124958	CHR4:22124958	SSF x Far_LoA	-9,09271108	0,053	0,304
CHR4	22128388	CHR4:22128388	SSF x Far_LoA	-5,91768114	0,126	0,305
CHR4	22128536	CHR4:22128536	SSF x Far_LoA	-8,02159407	0,158	0,296
CHR4	22136697	CHR4:22136697	SSF x Far_LoA	-11,1434551	0,000	0,308
CHR4	22136710	CHR4:22136710	SSF x Far_LoA	-10,1255185	0,007	0,314
CHR4	22136719	CHR4:22136719	SSF x Far_LoA	-8,83677323	-0,128	0,295
CHR4	22136721	CHR4:22136721	SSF x Far_LoA	-7,38316523	-0,120	0,310
CHR4	22136780	CHR4:22136780	SSF x Far_LoA	-8,24916525	0,126	0,314
CHR4	22137490	CHR4:22137490	SSF x Far_LoA	-8,67245223	0,062	0,307
CHR4	22141694	CHR4:22141694	SSF x Far_LoA	-6,78215941	0,054	0,309
CHR4	22141738	CHR4:22141738	SSF x Far_LoA	-9,11930381	-0,067	0,306
CHR4	22141819	CHR4:22141819	SSF x Far_LoA	-8,45628171	-0,033	0,306
CHR4	22141848	CHR4:22141848	SSF x Far_LoA	-6,63859468	0,148	0,290
CHR4	22151576	CHR4:22151576	SSF x Far_LoA	-6,17341667	-0,106	0,304
CHR4	2216235	CHR4:2216235	SSF x Far_LoA	-7,85748242	-0,147	0,302
CHR4	22177519	CHR4:22177519	SSF x Far_LoA	-9,28689375	-0,071	0,298
CHR4	22177553	CHR4:22177553	SSF x Far_LoA	-8,54484779	0,036	0,303
CHR4	22177554	CHR4:22177554	SSF x Far_LoA	-9,6549045	0,061	0,289
CHR4	22184735	CHR4:22184735	SSF x Far_LoA	-8,63970877	-0,067	0,298
CHR4	22184765	CHR4:22184765	SSF x Far_LoA	-9,59593636	-0,037	0,300
CHR4	22195637	CHR4:22195637	SSF x Far_LoA	-12,0434309	-0,014	0,304
CHR4	22195838	CHR4:22195838	SSF x Far_LoA	-8,36652831	-0,016	0,307
CHR4	22206480	CHR4:22206480	SSF x Far_LoA	0,50485061	-0,220	0,295
CHR4	22206492	CHR4:22206492	SSF x Far_LoA	-7,98760482	0,133	0,299
CHR4	22206520	CHR4:22206520	SSF x Far_LoA	-6,06917081	0,155	0,309
CHR4	22206525	CHR4:22206525	SSF x Far_LoA	-6,92975889	0,166	0,315
CHR4	22206552	CHR4:22206552	SSF x Far_LoA	-7,75996596	-0,149	0,296
CHR4	22206556	CHR4:22206556	SSF x Far_LoA	-6,52952824	0,137	0,302
CHR4	22206565	CHR4:22206565	SSF x Far_LoA	-8,49995542	-0,112	0,318
CHR4	22206567	CHR4:22206567	SSF x Far_LoA	-8,38808505	0,127	0,307
CHR4	22206591	CHR4:22206591	SSF x Far_LoA	-8,78781969	-0,145	0,306
CHR4	22206616	CHR4:22206616	SSF x Far_LoA	-9,54750474	-0,096	0,323
CHR4	22206618	CHR4:22206618	SSF x Far_LoA	-3,9283737	0,149	0,302
CHR4	22206638	CHR4:22206638	SSF x Far_LoA	-8,6165421	-0,059	0,297
CHR4	22217153	CHR4:22217153	SSF x Far_LoA	-8,87067646	-0,047	0,318
CHR4	22217158	CHR4:22217158	SSF x Far_LoA	-10,0048883	-0,003	0,302
CHR4	22217190	CHR4:22217190	SSF x Far_LoA	-8,54259408	-0,106	0,300
CHR4	22217222	CHR4:22217222	SSF x Far_LoA	-10,5107175	0,049	0,292
CHR4	22217679	CHR4:22217679	SSF x Far_LoA	-10,3020481	-0,018	0,315
CHR4	22217714	CHR4:22217714	SSF x Far_LoA	-7,73409033	-0,085	0,316
CHR4	22217751	CHR4:22217751	SSF x Far_LoA	-9,08581754	-0,094	0,291

CHR4	22217785	CHR4:22217785	SSF x Far_LoA	-11,7071845	0,003	0,298
CHR4	22228576	CHR4:22228576	SSF x Far_LoA	-8,58682061	0,060	0,306
CHR4	22232794	CHR4:22232794	SSF x Far_LoA	-8,84661238	-0,130	0,307
CHR4	22232808	CHR4:22232808	SSF x Far_LoA	-9,62295296	0,052	0,308
CHR4	22232881	CHR4:22232881	SSF x Far_LoA	-8,28538307	-0,022	0,309
CHR4	22233629	CHR4:22233629	SSF x Far_LoA	-10,4157514	0,075	0,297
CHR4	22233663	CHR4:22233663	SSF x Far_LoA	-9,48876509	0,018	0,301
CHR4	22233690	CHR4:22233690	SSF x Far_LoA	-9,69179155	0,074	0,296
CHR4	22240328	CHR4:22240328	SSF x Far_LoA	-9,23647638	-0,077	0,298
CHR4	22240362	CHR4:22240362	SSF x Far_LoA	-10,8472167	-0,026	0,298
CHR4	22242073	CHR4:22242073	SSF x Far_LoA	-9,15761818	-0,110	0,305
CHR4	22248880	CHR4:22248880	SSF x Far_LoA	-4,39475934	0,013	0,303
CHR4	22248931	CHR4:22248931	SSF x Far_LoA	-8,14710965	0,042	0,294
CHR4	22249044	CHR4:22249044	SSF x Far_LoA	-10,4730908	0,108	0,299
CHR4	22249135	CHR4:22249135	SSF x Far_LoA	-8,30246962	0,088	0,305
CHR4	22257486	CHR4:22257486	SSF x Far_LoA	-10,0082338	0,080	0,292
CHR4	22259311	CHR4:22259311	SSF x Far_LoA	-9,38099816	0,078	0,281
CHR4	22259317	CHR4:22259317	SSF x Far_LoA	-3,58382854	-0,145	0,298
CHR4	22259542	CHR4:22259542	SSF x Far_LoA	-10,00729	0,067	0,295
CHR4	22271358	CHR4:22271358	SSF x Far_LoA	-11,222041	-0,049	0,305
CHR4	22271380	CHR4:22271380	SSF x Far_LoA	-9,23512411	-0,045	0,305
CHR4	22271381	CHR4:22271381	SSF x Far_LoA	-10,548022	-0,055	0,304
CHR4	22271430	CHR4:22271430	SSF x Far_LoA	-8,65140166	-0,035	0,305
CHR4	22274753	CHR4:22274753	SSF x Far_LoA	-10,2637842	0,033	0,306
CHR4	22280473	CHR4:22280473	SSF x Far_LoA	-8,59310805	-0,051	0,307
CHR4	22280474	CHR4:22280474	SSF x Far_LoA	-10,1039445	-0,038	0,297
CHR4	22280542	CHR4:22280542	SSF x Far_LoA	-11,029181	-0,061	0,297
CHR4	22280543	CHR4:22280543	SSF x Far_LoA	-8,94243738	0,085	0,305
CHR4	22280552	CHR4:22280552	SSF x Far_LoA	-9,95808273	-0,051	0,308
CHR4	22280569	CHR4:22280569	SSF x Far_LoA	-7,9845313	0,062	0,313
CHR4	22280572	CHR4:22280572	SSF x Far_LoA	-10,5204276	-0,071	0,300
CHR4	22280588	CHR4:22280588	SSF x Far_LoA	-6,3940772	-0,170	0,302
CHR4	2228903	CHR4:2228903	SSF x Far_LoA	-10,1841392	-0,067	0,292
CHR4	22292994	CHR4:22292994	SSF x Far_LoA	-10,5532014	0,049	0,313
CHR4	22293002	CHR4:22293002	SSF x Far_LoA	-9,76119046	0,036	0,321
CHR4	22293029	CHR4:22293029	SSF x Far_LoA	-10,3372496	0,047	0,318
CHR4	22293037	CHR4:22293037	SSF x Far_LoA	-10,4613676	0,073	0,309
CHR4	22293044	CHR4:22293044	SSF x Far_LoA	-10,8685959	0,075	0,315
CHR4	22293061	CHR4:22293061	SSF x Far_LoA	-8,76291045	0,032	0,320
CHR4	22293063	CHR4:22293063	SSF x Far_LoA	-10,7163399	0,010	0,317
CHR4	22293095	CHR4:22293095	SSF x Far_LoA	-7,825092	0,087	0,315
CHR4	22303815	CHR4:22303815	SSF x Far_LoA	-8,64754662	-0,042	0,312
CHR4	22303851	CHR4:22303851	SSF x Far_LoA	-10,2303651	0,069	0,296
CHR4	22303889	CHR4:22303889	SSF x Far_LoA	-7,79718982	-0,100	0,303
CHR4	22303897	CHR4:22303897	SSF x Far_LoA	-8,7806995	0,066	0,314
CHR4	22303913	CHR4:22303913	SSF x Far_LoA	-7,08678107	0,050	0,303
CHR4	22317993	CHR4:22317993	SSF x Far_LoA	-8,15151188	0,033	0,313
CHR4	22335193	CHR4:22335193	SSF x Far_LoA	-10,1880452	-0,028	0,317
CHR4	22335210	CHR4:22335210	SSF x Far_LoA	-9,06225284	-0,019	0,310
CHR4	22348984	CHR4:22348984	SSF x Far_LoA	-10,2947814	-0,113	0,296
CHR4	22349084	CHR4:22349084	SSF x Far_LoA	-9,14760529	-0,102	0,298
CHR4	22360837	CHR4:22360837	SSF x Far_LoA	-7,52637325	0,042	0,310
CHR4	22360838	CHR4:22360838	SSF x Far_LoA	-6,15117263	-0,103	0,301

CHR4	22360870	CHR4:22360870	SSF x Far_LoA	-9,02845138	0,004	0,311
CHR4	22360891	CHR4:22360891	SSF x Far_LoA	-7,22884462	0,078	0,301
CHR4	22361009	CHR4:22361009	SSF x Far_LoA	-8,12376633	-0,032	0,299
CHR4	22365581	CHR4:22365581	SSF x Far_LoA	-10,5188182	0,001	0,300
CHR4	22365607	CHR4:22365607	SSF x Far_LoA	-8,86512738	-0,002	0,296
CHR4	22365661	CHR4:22365661	SSF x Far_LoA	-9,61967941	0,006	0,298
CHR4	22365918	CHR4:22365918	SSF x Far_LoA	-9,75794632	-0,079	0,307
CHR4	22365921	CHR4:22365921	SSF x Far_LoA	6,88158483	-0,204	0,304
CHR4	22365989	CHR4:22365989	SSF x Far_LoA	-10,1167114	0,061	0,293
CHR4	22366022	CHR4:22366022	SSF x Far_LoA	-9,13671058	-0,083	0,311
CHR4	22413398	CHR4:22413398	SSF x Far_LoA	-4,25153721	-0,099	0,308
CHR4	22414931	CHR4:22414931	SSF x Far_LoA	-8,92195109	-0,091	0,304
CHR4	22415015	CHR4:22415015	SSF x Far_LoA	-9,94971236	0,079	0,296
CHR4	22415166	CHR4:22415166	SSF x Far_LoA	-7,54967694	-0,072	0,313
CHR4	22417550	CHR4:22417550	SSF x Far_LoA	-9,51826316	0,017	0,308
CHR4	22417591	CHR4:22417591	SSF x Far_LoA	-9,37517212	0,074	0,311
CHR4	22417634	CHR4:22417634	SSF x Far_LoA	-9,32806486	0,031	0,311
CHR4	22419281	CHR4:22419281	SSF x Far_LoA	-10,5357428	-0,071	0,307
CHR4	22419305	CHR4:22419305	SSF x Far_LoA	-10,2467985	-0,065	0,315
CHR4	22423562	CHR4:22423562	SSF x Far_LoA	-6,10709961	0,027	0,299
CHR4	22423647	CHR4:22423647	SSF x Far_LoA	-8,84349639	0,060	0,293
CHR4	2242690	CHR4:2242690	SSF x Far_LoA	-11,2104403	-0,029	0,314
CHR4	2242732	CHR4:2242732	SSF x Far_LoA	-8,59194571	0,053	0,307
CHR4	2242739	CHR4:2242739	SSF x Far_LoA	-8,89616515	0,069	0,288
CHR4	2242765	CHR4:2242765	SSF x Far_LoA	-11,4420845	-0,036	0,321
CHR4	2242905	CHR4:2242905	SSF x Far_LoA	-10,0165829	0,007	0,313
CHR4	22431209	CHR4:22431209	SSF x Far_LoA	-8,30256698	0,101	0,308
CHR4	22431325	CHR4:22431325	SSF x Far_LoA	-10,8089463	-0,013	0,291
CHR4	22431329	CHR4:22431329	SSF x Far_LoA	-8,4525748	0,177	0,296
CHR4	22431365	CHR4:22431365	SSF x Far_LoA	-8,00186522	-0,033	0,308
CHR4	22444995	CHR4:22444995	SSF x Far_LoA	-10,9044525	0,072	0,308
CHR4	22445004	CHR4:22445004	SSF x Far_LoA	-11,4463291	-0,002	0,287
CHR4	22445031	CHR4:22445031	SSF x Far_LoA	-8,04028698	0,003	0,311
CHR4	22445045	CHR4:22445045	SSF x Far_LoA	-11,2719416	0,076	0,315
CHR4	22445069	CHR4:22445069	SSF x Far_LoA	-9,97720557	0,098	0,296
CHR4	22451871	CHR4:22451871	SSF x Far_LoA	-10,907405	-0,039	0,307
CHR4	22451875	CHR4:22451875	SSF x Far_LoA	-10,1534688	-0,051	0,304
CHR4	22451876	CHR4:22451876	SSF x Far_LoA	-10,2790404	0,012	0,310
CHR4	22451881	CHR4:22451881	SSF x Far_LoA	-10,759141	-0,047	0,312
CHR4	22451943	CHR4:22451943	SSF x Far_LoA	-9,90301948	-0,063	0,311
CHR4	22452014	CHR4:22452014	SSF x Far_LoA	-10,1519736	-0,026	0,307
CHR4	22476416	CHR4:22476416	SSF x Far_LoA	-7,25005052	-0,094	0,301
CHR4	22476432	CHR4:22476432	SSF x Far_LoA	-9,32950435	0,048	0,301
CHR4	22477568	CHR4:22477568	SSF x Far_LoA	-9,4373152	-0,004	0,294
CHR4	22481010	CHR4:22481010	SSF x Far_LoA	-9,50777419	0,036	0,300
CHR4	22481015	CHR4:22481015	SSF x Far_LoA	-10,6078442	0,006	0,301
CHR4	22481020	CHR4:22481020	SSF x Far_LoA	-10,5847232	0,052	0,302
CHR4	22481056	CHR4:22481056	SSF x Far_LoA	-10,8098445	0,002	0,307
CHR4	22481065	CHR4:22481065	SSF x Far_LoA	-10,4715394	0,002	0,315
CHR4	22481068	CHR4:22481068	SSF x Far_LoA	-8,86308166	0,005	0,308
CHR4	22481069	CHR4:22481069	SSF x Far_LoA	-10,0798947	0,031	0,297
CHR4	22487639	CHR4:22487639	SSF x Far_LoA	-10,0184085	-0,019	0,310
CHR4	22487753	CHR4:22487753	SSF x Far_LoA	-6,6545299	0,208	0,283

CHR4	22487811	CHR4:22487811	SSF x Far_LoA	-7,38989778	0,179	0,297
CHR4	22489486	CHR4:22489486	SSF x Far_LoA	-9,2675504	0,017	0,308
CHR4	22489537	CHR4:22489537	SSF x Far_LoA	-4,41194148	0,038	0,301
CHR4	22491707	CHR4:22491707	SSF x Far_LoA	-9,42800509	-0,085	0,309
CHR4	22491787	CHR4:22491787	SSF x Far_LoA	-9,62510821	-0,064	0,296
CHR4	22492884	CHR4:22492884	SSF x Far_LoA	-9,67539629	-0,010	0,313
CHR4	22494882	CHR4:22494882	SSF x Far_LoA	-10,0146071	-0,057	0,309
CHR4	22494908	CHR4:22494908	SSF x Far_LoA	-10,7659266	-0,047	0,315
CHR4	22494910	CHR4:22494910	SSF x Far_LoA	-11,7437072	-0,002	0,321
CHR4	22494916	CHR4:22494916	SSF x Far_LoA	-9,87374569	-0,093	0,302
CHR4	22495861	CHR4:22495861	SSF x Far_LoA	-11,7295488	-0,053	0,308
CHR4	22495897	CHR4:22495897	SSF x Far_LoA	-8,93078539	0,085	0,317
CHR4	22495919	CHR4:22495919	SSF x Far_LoA	-10,8490226	0,106	0,308
CHR4	22495938	CHR4:22495938	SSF x Far_LoA	-7,61306724	0,106	0,302
CHR4	22495968	CHR4:22495968	SSF x Far_LoA	-8,9088682	0,005	0,315
CHR4	22501529	CHR4:22501529	SSF x Far_LoA	-8,13511409	-0,049	0,304
CHR4	22501666	CHR4:22501666	SSF x Far_LoA	-9,98445776	0,037	0,309
CHR4	22501699	CHR4:22501699	SSF x Far_LoA	-8,51026134	0,041	0,305
CHR4	22501745	CHR4:22501745	SSF x Far_LoA	-6,62530701	-0,136	0,311
CHR4	22501762	CHR4:22501762	SSF x Far_LoA	-7,92917491	0,001	0,313
CHR4	22501768	CHR4:22501768	SSF x Far_LoA	-11,7723242	0,028	0,318
CHR4	22501771	CHR4:22501771	SSF x Far_LoA	-9,01743845	0,016	0,300
CHR4	22505557	CHR4:22505557	SSF x Far_LoA	-10,1840762	-0,062	0,297
CHR4	22505582	CHR4:22505582	SSF x Far_LoA	-9,12004487	-0,033	0,307
CHR4	22505586	CHR4:22505586	SSF x Far_LoA	-8,38281319	-0,005	0,307
CHR4	22505591	CHR4:22505591	SSF x Far_LoA	-9,54255128	0,068	0,310
CHR4	22505600	CHR4:22505600	SSF x Far_LoA	-10,5866102	0,017	0,300
CHR4	22505617	CHR4:22505617	SSF x Far_LoA	-8,4491509	-0,023	0,314
CHR4	22505643	CHR4:22505643	SSF x Far_LoA	-9,04209853	0,043	0,303
CHR4	22505646	CHR4:22505646	SSF x Far_LoA	-10,6376093	0,025	0,289
CHR4	22505682	CHR4:22505682	SSF x Far_LoA	-7,03724425	0,033	0,310
CHR4	22505692	CHR4:22505692	SSF x Far_LoA	-10,8682586	-0,035	0,297
CHR4	22505719	CHR4:22505719	SSF x Far_LoA	-8,11709468	0,006	0,312
CHR4	22505731	CHR4:22505731	SSF x Far_LoA	-9,49648397	-0,033	0,298
CHR4	22505747	CHR4:22505747	SSF x Far_LoA	-9,80875916	-0,015	0,294
CHR4	22515486	CHR4:22515486	SSF x Far_LoA	-9,63987806	-0,106	0,291
CHR4	22515503	CHR4:22515503	SSF x Far_LoA	-9,13767727	0,009	0,300
CHR4	22516143	CHR4:22516143	SSF x Far_LoA	-9,38746325	-0,045	0,298
CHR4	22516174	CHR4:22516174	SSF x Far_LoA	-7,83789166	0,033	0,300
CHR4	22516256	CHR4:22516256	SSF x Far_LoA	-6,44127257	-0,142	0,308
CHR4	2251770	CHR4:2251770	SSF x Far_LoA	-8,8577286	0,022	0,296
CHR4	2251771	CHR4:2251771	SSF x Far_LoA	-9,25281841	0,056	0,315
CHR4	2251775	CHR4:2251775	SSF x Far_LoA	-9,40353079	-0,002	0,306
CHR4	2251925	CHR4:2251925	SSF x Far_LoA	-9,08901592	-0,086	0,303
CHR4	22530403	CHR4:22530403	SSF x Far_LoA	-9,82160541	-0,151	0,308
CHR4	22533904	CHR4:22533904	SSF x Far_LoA	-9,35296241	-0,021	0,312
CHR4	22534155	CHR4:22534155	SSF x Far_LoA	-11,6285823	-0,061	0,310
CHR4	2253720	CHR4:2253720	SSF x Far_LoA	-9,2684844	-0,007	0,323
CHR4	2253766	CHR4:2253766	SSF x Far_LoA	-6,39776353	-0,034	0,318
CHR4	22538273	CHR4:22538273	SSF x Far_LoA	-8,43813776	0,110	0,300
CHR4	22538298	CHR4:22538298	SSF x Far_LoA	-9,79458521	0,021	0,319
CHR4	22538332	CHR4:22538332	SSF x Far_LoA	-3,30413782	-0,163	0,308
CHR4	22538334	CHR4:22538334	SSF x Far_LoA	-6,97842322	0,115	0,320

CHR4	22538349	CHR4:22538349	SSF x Far_LoA	-2,79387675	-0,135	0,311
CHR4	22538360	CHR4:22538360	SSF x Far_LoA	-9,87184006	-0,040	0,306
CHR4	2253844	CHR4:2253844	SSF x Far_LoA	-11,3803218	-0,054	0,306
CHR4	22538495	CHR4:22538495	SSF x Far_LoA	-11,8637906	0,016	0,308
CHR4	22540758	CHR4:22540758	SSF x Far_LoA	-8,53251961	0,100	0,315
CHR4	22540818	CHR4:22540818	SSF x Far_LoA	-9,83984374	0,059	0,305
CHR4	22540833	CHR4:22540833	SSF x Far_LoA	-5,99738068	-0,154	0,294
CHR4	22540863	CHR4:22540863	SSF x Far_LoA	-8,84578821	0,037	0,307
CHR4	22540866	CHR4:22540866	SSF x Far_LoA	-6,66715561	0,057	0,305
CHR4	2254741	CHR4:2254741	SSF x Far_LoA	-10,6913173	-0,007	0,309
CHR4	22552433	CHR4:22552433	SSF x Far_LoA	-0,63582893	0,086	0,298
CHR4	22552561	CHR4:22552561	SSF x Far_LoA	-10,7044341	0,053	0,305
CHR4	22556195	CHR4:22556195	SSF x Far_LoA	-9,99862025	0,000	0,299
CHR4	22556228	CHR4:22556228	SSF x Far_LoA	-5,3461796	-0,192	0,305
CHR4	22558673	CHR4:22558673	SSF x Far_LoA	-10,8106958	-0,021	0,293
CHR4	22558737	CHR4:22558737	SSF x Far_LoA	-10,6628475	-0,031	0,317
CHR4	225599	CHR4:225599	SSF x Far_LoA	-8,15266893	-0,090	0,301
CHR4	22569018	CHR4:22569018	SSF x Far_LoA	-9,20259812	-0,049	0,307
CHR4	22569048	CHR4:22569048	SSF x Far_LoA	-8,23353392	0,174	0,288
CHR4	22569175	CHR4:22569175	SSF x Far_LoA	-9,99536341	-0,145	0,308
CHR4	22571409	CHR4:22571409	SSF x Far_LoA	-5,85124855	0,116	0,296
CHR4	22571435	CHR4:22571435	SSF x Far_LoA	-8,93494849	0,149	0,311
CHR4	22573242	CHR4:22573242	SSF x Far_LoA	-10,1270122	-0,023	0,328
CHR4	22573245	CHR4:22573245	SSF x Far_LoA	-11,3253223	-0,015	0,295
CHR4	22573367	CHR4:22573367	SSF x Far_LoA	-10,5376322	0,010	0,308
CHR4	22573385	CHR4:22573385	SSF x Far_LoA	-11,5186268	0,026	0,315
CHR4	22577992	CHR4:22577992	SSF x Far_LoA	-11,2412456	-0,064	0,311
CHR4	22579715	CHR4:22579715	SSF x Far_LoA	-9,78666858	-0,115	0,290
CHR4	22579857	CHR4:22579857	SSF x Far_LoA	-0,09934235	0,031	0,301
CHR4	22611189	CHR4:22611189	SSF x Far_LoA	-9,23449798	-0,111	0,313
CHR4	22618691	CHR4:22618691	SSF x Far_LoA	-10,763815	0,010	0,302
CHR4	22631871	CHR4:22631871	SSF x Far_LoA	-10,0341108	0,039	0,317
CHR4	22631888	CHR4:22631888	SSF x Far_LoA	-11,4156842	0,039	0,298
CHR4	22631892	CHR4:22631892	SSF x Far_LoA	-11,5896002	0,066	0,309
CHR4	22631901	CHR4:22631901	SSF x Far_LoA	-9,36275089	0,027	0,305
CHR4	22650739	CHR4:22650739	SSF x Far_LoA	-10,6233601	-0,043	0,316
CHR4	22652293	CHR4:22652293	SSF x Far_LoA	-10,9151047	-0,050	0,298
CHR4	22652334	CHR4:22652334	SSF x Far_LoA	-8,98605326	0,078	0,307
CHR4	22652335	CHR4:22652335	SSF x Far_LoA	-8,77853241	-0,109	0,311
CHR4	22652373	CHR4:22652373	SSF x Far_LoA	-8,56013328	-0,104	0,293
CHR4	22652381	CHR4:22652381	SSF x Far_LoA	-8,99053712	-0,087	0,304
CHR4	22657433	CHR4:22657433	SSF x Far_LoA	-10,1191081	-0,037	0,309
CHR4	22658076	CHR4:22658076	SSF x Far_LoA	-9,2565548	-0,077	0,306
CHR4	22658138	CHR4:22658138	SSF x Far_LoA	-11,4943724	0,041	0,314
CHR4	22661048	CHR4:22661048	SSF x Far_LoA	-11,3931736	0,132	0,299
CHR4	22665464	CHR4:22665464	SSF x Far_LoA	-12,0727314	0,034	0,287
CHR4	22665603	CHR4:22665603	SSF x Far_LoA	-10,2773609	-0,060	0,312
CHR4	22668343	CHR4:22668343	SSF x Far_LoA	-11,7308528	0,038	0,313
CHR4	22668361	CHR4:22668361	SSF x Far_LoA	-10,7576859	0,002	0,312
CHR4	22668364	CHR4:22668364	SSF x Far_LoA	-12,1207945	-0,015	0,293
CHR4	22668495	CHR4:22668495	SSF x Far_LoA	-9,43110647	0,077	0,295
CHR4	22674001	CHR4:22674001	SSF x Far_LoA	-9,87001105	0,043	0,299
CHR4	22674091	CHR4:22674091	SSF x Far_LoA	-11,5629664	-0,003	0,301

CHR4	22679298	CHR4:22679298	SSF x Far_LoA	-9,14924777	0,032	0,299
CHR4	22679376	CHR4:22679376	SSF x Far_LoA	-9,88926907	0,074	0,304
CHR4	22679399	CHR4:22679399	SSF x Far_LoA	-9,26591855	0,051	0,304
CHR4	22679492	CHR4:22679492	SSF x Far_LoA	-6,67602743	-0,155	0,308
CHR4	22681763	CHR4:22681763	SSF x Far_LoA	-8,89918807	-0,061	0,293
CHR4	22681796	CHR4:22681796	SSF x Far_LoA	-8,99986625	-0,041	0,331
CHR4	22681800	CHR4:22681800	SSF x Far_LoA	-9,49359991	0,038	0,309
CHR4	22681805	CHR4:22681805	SSF x Far_LoA	-11,0589788	0,026	0,314
CHR4	22681818	CHR4:22681818	SSF x Far_LoA	-9,05102365	0,033	0,304
CHR4	22681846	CHR4:22681846	SSF x Far_LoA	-8,62302277	0,013	0,294
CHR4	22685599	CHR4:22685599	SSF x Far_LoA	-8,72334169	0,178	0,291
CHR4	22685614	CHR4:22685614	SSF x Far_LoA	-10,1701152	-0,054	0,301
CHR4	22685654	CHR4:22685654	SSF x Far_LoA	-10,4144106	-0,089	0,302
CHR4	22685713	CHR4:22685713	SSF x Far_LoA	-5,91985894	-0,053	0,315
CHR4	22685785	CHR4:22685785	SSF x Far_LoA	-10,7883076	-0,027	0,305
CHR4	22691334	CHR4:22691334	SSF x Far_LoA	-11,3408848	-0,090	0,294
CHR4	22691512	CHR4:22691512	SSF x Far_LoA	-11,3748725	-0,069	0,297
CHR4	22691648	CHR4:22691648	SSF x Far_LoA	-8,73490044	0,132	0,299
CHR4	22698343	CHR4:22698343	SSF x Far_LoA	-7,28275252	0,070	0,310
CHR4	22698423	CHR4:22698423	SSF x Far_LoA	-9,39608612	0,019	0,296
CHR4	22698433	CHR4:22698433	SSF x Far_LoA	-8,69079661	-0,043	0,326
CHR4	22698436	CHR4:22698436	SSF x Far_LoA	-9,40368625	-0,049	0,319
CHR4	22698449	CHR4:22698449	SSF x Far_LoA	-8,8915296	-0,063	0,310
CHR4	22698464	CHR4:22698464	SSF x Far_LoA	-9,01780981	-0,004	0,308
CHR4	22698467	CHR4:22698467	SSF x Far_LoA	-12,3164421	-0,060	0,296
CHR4	22698578	CHR4:22698578	SSF x Far_LoA	-10,8343217	-0,026	0,313
CHR4	22711395	CHR4:22711395	SSF x Far_LoA	-7,61695888	-0,159	0,299
CHR4	22711402	CHR4:22711402	SSF x Far_LoA	-7,87833185	-0,187	0,310
CHR4	22711411	CHR4:22711411	SSF x Far_LoA	-10,9367818	-0,119	0,300
CHR4	22711424	CHR4:22711424	SSF x Far_LoA	-6,95782091	-0,100	0,311
CHR4	22711465	CHR4:22711465	SSF x Far_LoA	-9,06468704	0,043	0,305
CHR4	22711467	CHR4:22711467	SSF x Far_LoA	-9,91627845	0,033	0,311
CHR4	22711474	CHR4:22711474	SSF x Far_LoA	-8,19222176	-0,004	0,312
CHR4	22711477	CHR4:22711477	SSF x Far_LoA	-9,84798647	0,083	0,307
CHR4	22711577	CHR4:22711577	SSF x Far_LoA	-9,99558778	-0,007	0,316
CHR4	22718398	CHR4:22718398	SSF x Far_LoA	-8,43579341	0,084	0,314
CHR4	22718411	CHR4:22718411	SSF x Far_LoA	-8,91298972	-0,152	0,290
CHR4	22718444	CHR4:22718444	SSF x Far_LoA	-8,92236234	0,112	0,311
CHR4	22738349	CHR4:22738349	SSF x Far_LoA	-9,56982366	-0,018	0,320
CHR4	22738354	CHR4:22738354	SSF x Far_LoA	-11,6599487	-0,031	0,312
CHR4	22746254	CHR4:22746254	SSF x Far_LoA	-11,1677697	0,108	0,300
CHR4	22746434	CHR4:22746434	SSF x Far_LoA	-11,1871694	-0,016	0,305
CHR4	22747493	CHR4:22747493	SSF x Far_LoA	-11,9103806	-0,040	0,295
CHR4	22747537	CHR4:22747537	SSF x Far_LoA	-10,4531171	0,016	0,311
CHR4	22747675	CHR4:22747675	SSF x Far_LoA	-9,93737718	0,119	0,302
CHR4	22758335	CHR4:22758335	SSF x Far_LoA	-10,8376226	-0,020	0,314
CHR4	22758337	CHR4:22758337	SSF x Far_LoA	-11,1267092	-0,052	0,299
CHR4	22758579	CHR4:22758579	SSF x Far_LoA	-6,30479688	0,146	0,295
CHR4	22771981	CHR4:22771981	SSF x Far_LoA	-7,65695003	-0,027	0,319
CHR4	22772181	CHR4:22772181	SSF x Far_LoA	-7,91330468	-0,016	0,317
CHR4	22773406	CHR4:22773406	SSF x Far_LoA	-10,0934408	0,005	0,294
CHR4	22773408	CHR4:22773408	SSF x Far_LoA	-7,22057995	-0,071	0,319
CHR4	22773418	CHR4:22773418	SSF x Far_LoA	-4,82981896	-0,087	0,303

CHR4	22773570	CHR4:22773570	SSF x Far_LoA	-11,0189773	0,048	0,300
CHR4	22775908	CHR4:22775908	SSF x Far_LoA	-8,2056992	0,069	0,311
CHR4	22786739	CHR4:22786739	SSF x Far_LoA	-9,26306984	0,028	0,304
CHR4	22786793	CHR4:22786793	SSF x Far_LoA	10,762226	-0,064	0,311
CHR4	22788399	CHR4:22788399	SSF x Far_LoA	-10,2529395	0,011	0,321
CHR4	22788620	CHR4:22788620	SSF x Far_LoA	-9,30391977	0,007	0,305
CHR4	22790548	CHR4:22790548	SSF x Far_LoA	-8,1926865	-0,034	0,306
CHR4	22790628	CHR4:22790628	SSF x Far_LoA	-7,76608801	0,096	0,310
CHR4	22802132	CHR4:22802132	SSF x Far_LoA	-8,41436365	-0,077	0,318
CHR4	22802141	CHR4:22802141	SSF x Far_LoA	-2,34824623	-0,114	0,302
CHR4	22802281	CHR4:22802281	SSF x Far_LoA	-8,44394138	0,097	0,305
CHR4	22806043	CHR4:22806043	SSF x Far_LoA	-4,59310548	-0,190	0,301
CHR4	22817405	CHR4:22817405	SSF x Far_LoA	-10,7253451	0,011	0,305
CHR4	22817437	CHR4:22817437	SSF x Far_LoA	-11,1454782	0,100	0,296
CHR4	22834347	CHR4:22834347	SSF x Far_LoA	-8,90606749	-0,052	0,315
CHR4	22834473	CHR4:22834473	SSF x Far_LoA	-10,3684399	-0,039	0,310
CHR4	22843888	CHR4:22843888	SSF x Far_LoA	-7,81050976	0,051	0,305
CHR4	22843893	CHR4:22843893	SSF x Far_LoA	-9,33299667	0,047	0,308
CHR4	22843926	CHR4:22843926	SSF x Far_LoA	-10,643638	0,010	0,308
CHR4	22843938	CHR4:22843938	SSF x Far_LoA	-7,91894504	0,063	0,317
CHR4	22860921	CHR4:22860921	SSF x Far_LoA	-10,5239262	-0,055	0,323
CHR4	22862072	CHR4:22862072	SSF x Far_LoA	-9,70841248	0,104	0,298
CHR4	22864957	CHR4:22864957	SSF x Far_LoA	-9,07533804	-0,029	0,309
CHR4	22865019	CHR4:22865019	SSF x Far_LoA	-9,2773728	0,019	0,297
CHR4	22869587	CHR4:22869587	SSF x Far_LoA	-5,33004073	-0,131	0,304
CHR4	22871599	CHR4:22871599	SSF x Far_LoA	-8,58496211	0,054	0,297
CHR4	22873876	CHR4:22873876	SSF x Far_LoA	-9,21292453	0,008	0,311
CHR4	22884439	CHR4:22884439	SSF x Far_LoA	-8,87560105	-0,033	0,305
CHR4	22884531	CHR4:22884531	SSF x Far_LoA	-7,13736011	-0,201	0,298
CHR4	22884536	CHR4:22884536	SSF x Far_LoA	-11,2444264	-0,032	0,298
CHR4	22884594	CHR4:22884594	SSF x Far_LoA	-4,53637428	-0,205	0,301
CHR4	22884638	CHR4:22884638	SSF x Far_LoA	-11,2953197	-0,115	0,301
CHR4	22884648	CHR4:22884648	SSF x Far_LoA	-11,6519829	-0,030	0,301
CHR4	22884658	CHR4:22884658	SSF x Far_LoA	-9,98097142	0,075	0,298
CHR4	22884668	CHR4:22884668	SSF x Far_LoA	-11,2480718	0,009	0,305
CHR4	22888301	CHR4:22888301	SSF x Far_LoA	-6,83639911	-0,085	0,309
CHR4	22888347	CHR4:22888347	SSF x Far_LoA	-9,00239283	-0,120	0,312
CHR4	22888468	CHR4:22888468	SSF x Far_LoA	-10,1061518	-0,022	0,311
CHR4	22888660	CHR4:22888660	SSF x Far_LoA	-9,95992933	0,033	0,305
CHR4	22897537	CHR4:22897537	SSF x Far_LoA	-9,29471801	-0,049	0,313
CHR4	22897736	CHR4:22897736	SSF x Far_LoA	-8,71861771	0,053	0,300
CHR4	22898978	CHR4:22898978	SSF x Far_LoA	-5,3190019	0,043	0,312
CHR4	22899010	CHR4:22899010	SSF x Far_LoA	-7,99591638	-0,176	0,294
CHR4	22900023	CHR4:22900023	SSF x Far_LoA	-1,00950362	-0,094	0,320
CHR4	22907909	CHR4:22907909	SSF x Far_LoA	-4,60091019	-0,023	0,293
CHR4	22907923	CHR4:22907923	SSF x Far_LoA	-8,27467367	-0,054	0,308
CHR4	22907932	CHR4:22907932	SSF x Far_LoA	-9,15036881	-0,012	0,302
CHR4	22907934	CHR4:22907934	SSF x Far_LoA	-9,87863635	-0,008	0,307
CHR4	22908043	CHR4:22908043	SSF x Far_LoA	-8,85643947	-0,025	0,306
CHR4	22908090	CHR4:22908090	SSF x Far_LoA	-11,9198322	-0,057	0,309
CHR4	22913440	CHR4:22913440	SSF x Far_LoA	-9,94611254	-0,064	0,318
CHR4	22913447	CHR4:22913447	SSF x Far_LoA	-8,42113407	-0,149	0,295
CHR4	2291871	CHR4:2291871	SSF x Far_LoA	-5,19982486	0,089	0,309

CHR4	2291895	CHR4:2291895	SSF x Far_LoA	-10,9285237	-0,045	0,305
CHR4	22927175	CHR4:22927175	SSF x Far_LoA	-6,88266973	-0,117	0,311
CHR4	22927583	CHR4:22927583	SSF x Far_LoA	-9,95591121	0,091	0,292
CHR4	22938405	CHR4:22938405	SSF x Far_LoA	-9,82510456	0,034	0,309
CHR4	22974391	CHR4:22974391	SSF x Far_LoA	-11,5377112	0,014	0,312
CHR4	22981086	CHR4:22981086	SSF x Far_LoA	-6,60562774	-0,108	0,314
CHR4	22981199	CHR4:22981199	SSF x Far_LoA	-9,32439398	-0,101	0,292
CHR4	22983590	CHR4:22983590	SSF x Far_LoA	-7,69514704	0,111	0,301
CHR4	22985674	CHR4:22985674	SSF x Far_LoA	-11,3268682	0,014	0,311
CHR4	22985678	CHR4:22985678	SSF x Far_LoA	-10,9399558	0,011	0,302
CHR4	22985694	CHR4:22985694	SSF x Far_LoA	-9,20458274	0,065	0,305
CHR4	22985698	CHR4:22985698	SSF x Far_LoA	-9,33024025	0,103	0,308
CHR4	22987688	CHR4:22987688	SSF x Far_LoA	-7,82005882	0,058	0,309
CHR4	22991420	CHR4:22991420	SSF x Far_LoA	-9,94235635	-0,105	0,300
CHR4	22991440	CHR4:22991440	SSF x Far_LoA	-8,13727944	-0,110	0,312
CHR4	22991469	CHR4:22991469	SSF x Far_LoA	-8,56391265	0,031	0,310
CHR4	22991488	CHR4:22991488	SSF x Far_LoA	-9,35289887	-0,042	0,311
CHR4	22991501	CHR4:22991501	SSF x Far_LoA	-11,7133579	0,001	0,303
CHR4	22991520	CHR4:22991520	SSF x Far_LoA	-10,3732663	0,081	0,308
CHR4	22991543	CHR4:22991543	SSF x Far_LoA	-10,0678263	0,088	0,316
CHR4	22995646	CHR4:22995646	SSF x Far_LoA	-8,68756033	-0,013	0,307
CHR4	22995759	CHR4:22995759	SSF x Far_LoA	-10,0671744	-0,142	0,301
CHR4	23006704	CHR4:23006704	SSF x Far_LoA	-10,3749901	-0,027	0,289
CHR4	23006736	CHR4:23006736	SSF x Far_LoA	-8,57876025	-0,030	0,303
CHR4	23006786	CHR4:23006786	SSF x Far_LoA	-8,33679326	0,067	0,312
CHR4	23006834	CHR4:23006834	SSF x Far_LoA	-11,2536894	0,001	0,309
CHR4	23006873	CHR4:23006873	SSF x Far_LoA	-6,95148402	-0,023	0,306
CHR4	23006876	CHR4:23006876	SSF x Far_LoA	-9,15398012	-0,052	0,287
CHR4	23006913	CHR4:23006913	SSF x Far_LoA	-11,1969054	0,006	0,308
CHR4	23010992	CHR4:23010992	SSF x Far_LoA	-11,1464684	0,006	0,307
CHR4	23011029	CHR4:23011029	SSF x Far_LoA	-9,79860856	0,061	0,314
CHR4	23011032	CHR4:23011032	SSF x Far_LoA	-7,27138406	0,074	0,315
CHR4	23011038	CHR4:23011038	SSF x Far_LoA	-9,16677461	0,054	0,305
CHR4	23011096	CHR4:23011096	SSF x Far_LoA	-5,95800368	-0,053	0,302
CHR4	23011115	CHR4:23011115	SSF x Far_LoA	-9,1522294	-0,084	0,297
CHR4	23011121	CHR4:23011121	SSF x Far_LoA	-7,6651357	0,111	0,324
CHR4	23011138	CHR4:23011138	SSF x Far_LoA	-7,8219837	-0,049	0,319
CHR4	23011175	CHR4:23011175	SSF x Far_LoA	-3,58182314	-0,016	0,313
CHR4	23011194	CHR4:23011194	SSF x Far_LoA	-8,16266002	-0,045	0,311
CHR4	23011199	CHR4:23011199	SSF x Far_LoA	-9,61136793	-0,045	0,303
CHR4	23011226	CHR4:23011226	SSF x Far_LoA	-10,0561975	0,100	0,294
CHR4	23013094	CHR4:23013094	SSF x Far_LoA	-12,099585	-0,028	0,302
CHR4	23013134	CHR4:23013134	SSF x Far_LoA	0,10340758	0,038	0,321
CHR4	230155	CHR4:230155	SSF x Far_LoA	-8,35703921	0,029	0,309
CHR4	23018681	CHR4:23018681	SSF x Far_LoA	-7,05321022	-0,030	0,321
CHR4	23020743	CHR4:23020743	SSF x Far_LoA	-7,07745931	0,088	0,304
CHR4	23022269	CHR4:23022269	SSF x Far_LoA	-8,42054277	-0,075	0,310
CHR4	23022271	CHR4:23022271	SSF x Far_LoA	-8,77635472	-0,076	0,315
CHR4	23022299	CHR4:23022299	SSF x Far_LoA	-10,7181798	0,051	0,311
CHR4	23022309	CHR4:23022309	SSF x Far_LoA	-7,67521084	-0,008	0,304
CHR4	23026167	CHR4:23026167	SSF x Far_LoA	-9,12384517	-0,033	0,309
CHR4	23028164	CHR4:23028164	SSF x Far_LoA	-10,2582099	0,018	0,315
CHR4	23038523	CHR4:23038523	SSF x Far_LoA	-9,62152746	-0,121	0,303

CHR4	23038558	CHR4:23038558	SSF x Far_LoA	-10,7573516	-0,080	0,306
CHR4	23054099	CHR4:23054099	SSF x Far_LoA	-9,62162905	-0,001	0,308
CHR4	23054103	CHR4:23054103	SSF x Far_LoA	-8,45814363	-0,039	0,302
CHR4	23054122	CHR4:23054122	SSF x Far_LoA	-11,0400652	-0,030	0,320
CHR4	23054124	CHR4:23054124	SSF x Far_LoA	-11,1474965	0,063	0,310
CHR4	23054150	CHR4:23054150	SSF x Far_LoA	-8,33103054	-0,037	0,297
CHR4	23054196	CHR4:23054196	SSF x Far_LoA	-6,9953587	-0,176	0,287
CHR4	23054645	CHR4:23054645	SSF x Far_LoA	-10,8645387	0,064	0,300
CHR4	23054672	CHR4:23054672	SSF x Far_LoA	-11,2054768	-0,019	0,314
CHR4	23061079	CHR4:23061079	SSF x Far_LoA	-11,423577	0,032	0,307
CHR4	23061129	CHR4:23061129	SSF x Far_LoA	-11,6647523	0,002	0,314
CHR4	23071162	CHR4:23071162	SSF x Far_LoA	-10,0424667	0,126	0,308
CHR4	23077111	CHR4:23077111	SSF x Far_LoA	-10,9133865	0,072	0,297
CHR4	23077170	CHR4:23077170	SSF x Far_LoA	-6,94672644	-0,104	0,296
CHR4	23086383	CHR4:23086383	SSF x Far_LoA	-0,47117387	-0,159	0,297
CHR4	23086386	CHR4:23086386	SSF x Far_LoA	-8,87301831	0,090	0,304
CHR4	23095117	CHR4:23095117	SSF x Far_LoA	-0,26510465	0,078	0,307
CHR4	23095264	CHR4:23095264	SSF x Far_LoA	-7,6156733	-0,116	0,313
CHR4	23095280	CHR4:23095280	SSF x Far_LoA	-8,93258394	-0,123	0,297
CHR4	23095300	CHR4:23095300	SSF x Far_LoA	-7,59884591	-0,121	0,312
CHR4	23095318	CHR4:23095318	SSF x Far_LoA	-3,67747891	-0,071	0,308
CHR4	23095422	CHR4:23095422	SSF x Far_LoA	-11,4343574	-0,048	0,294
CHR4	23098534	CHR4:23098534	SSF x Far_LoA	-9,02900648	-0,063	0,316
CHR4	23098570	CHR4:23098570	SSF x Far_LoA	-11,1249934	-0,010	0,323
CHR4	23102225	CHR4:23102225	SSF x Far_LoA	-9,80327718	0,108	0,308
CHR4	23102238	CHR4:23102238	SSF x Far_LoA	-8,85810587	0,000	0,314
CHR4	23102240	CHR4:23102240	SSF x Far_LoA	-10,3097661	0,021	0,312
CHR4	23102291	CHR4:23102291	SSF x Far_LoA	-8,2296182	0,008	0,306
CHR4	23107317	CHR4:23107317	SSF x Far_LoA	-8,8130513	0,099	0,311
CHR4	23107336	CHR4:23107336	SSF x Far_LoA	-9,97406149	0,062	0,297
CHR4	23107388	CHR4:23107388	SSF x Far_LoA	1,19378362	-0,045	0,301
CHR4	23107783	CHR4:23107783	SSF x Far_LoA	-7,83004339	-0,097	0,293
CHR4	23109539	CHR4:23109539	SSF x Far_LoA	-7,22508667	-0,123	0,305
CHR4	23109549	CHR4:23109549	SSF x Far_LoA	-9,48440346	0,038	0,313
CHR4	23109577	CHR4:23109577	SSF x Far_LoA	-8,73628509	0,109	0,312
CHR4	23109607	CHR4:23109607	SSF x Far_LoA	5,66666753	-0,114	0,298
CHR4	23109836	CHR4:23109836	SSF x Far_LoA	-11,3142951	0,023	0,309
CHR4	23109994	CHR4:23109994	SSF x Far_LoA	-8,3935046	0,048	0,302
CHR4	23126450	CHR4:23126450	SSF x Far_LoA	-8,97128914	-0,045	0,311
CHR4	23126612	CHR4:23126612	SSF x Far_LoA	-4,05385762	0,197	0,290
CHR4	23126622	CHR4:23126622	SSF x Far_LoA	-8,57720427	-0,107	0,311
CHR4	23126632	CHR4:23126632	SSF x Far_LoA	-5,90212391	-0,138	0,295
CHR4	23126678	CHR4:23126678	SSF x Far_LoA	-5,09418498	0,166	0,291
CHR4	23126680	CHR4:23126680	SSF x Far_LoA	-6,29999551	0,144	0,297
CHR4	23126776	CHR4:23126776	SSF x Far_LoA	-10,7893745	0,030	0,327
CHR4	23134131	CHR4:23134131	SSF x Far_LoA	-11,4077436	-0,054	0,307
CHR4	23134132	CHR4:23134132	SSF x Far_LoA	-11,593827	-0,050	0,304
CHR4	23138360	CHR4:23138360	SSF x Far_LoA	-11,3091575	0,039	0,308
CHR4	23138410	CHR4:23138410	SSF x Far_LoA	-9,1191975	-0,122	0,309
CHR4	23138411	CHR4:23138411	SSF x Far_LoA	-4,94927032	-0,125	0,306
CHR4	23138467	CHR4:23138467	SSF x Far_LoA	-9,97731907	-0,006	0,312
CHR4	23138489	CHR4:23138489	SSF x Far_LoA	-5,04380041	0,121	0,297
CHR4	23138505	CHR4:23138505	SSF x Far_LoA	-10,6319564	0,023	0,304

CHR4	23149582	CHR4:23149582	SSF x Far_LoA	-10,0213464	-0,061	0,300
CHR4	23156560	CHR4:23156560	SSF x Far_LoA	-8,49328696	-0,039	0,312
CHR4	23156589	CHR4:23156589	SSF x Far_LoA	-10,7484288	-0,061	0,311
CHR4	23156592	CHR4:23156592	SSF x Far_LoA	-8,69954171	0,126	0,308
CHR4	23156970	CHR4:23156970	SSF x Far_LoA	-8,51026687	0,039	0,299
CHR4	23156979	CHR4:23156979	SSF x Far_LoA	-7,48839922	0,227	0,281
CHR4	23157048	CHR4:23157048	SSF x Far_LoA	-8,63932682	-0,060	0,294
CHR4	23162063	CHR4:23162063	SSF x Far_LoA	-8,92571576	-0,018	0,319
CHR4	23162450	CHR4:23162450	SSF x Far_LoA	-9,38032566	-0,097	0,311
CHR4	23162475	CHR4:23162475	SSF x Far_LoA	-9,61793998	-0,029	0,298
CHR4	23162476	CHR4:23162476	SSF x Far_LoA	-9,5994992	0,178	0,293
CHR4	23162491	CHR4:23162491	SSF x Far_LoA	-9,7164119	-0,016	0,312
CHR4	23162502	CHR4:23162502	SSF x Far_LoA	-7,85630884	0,155	0,309
CHR4	23162554	CHR4:23162554	SSF x Far_LoA	-7,42968219	-0,084	0,311
CHR4	23174412	CHR4:23174412	SSF x Far_LoA	-8,8499789	-0,117	0,287
CHR4	23177202	CHR4:23177202	SSF x Far_LoA	-10,8474238	0,010	0,294
CHR4	23177248	CHR4:23177248	SSF x Far_LoA	-7,02886948	0,062	0,307
CHR4	2318278	CHR4:2318278	SSF x Far_LoA	-7,11864144	0,195	0,296
CHR4	2318281	CHR4:2318281	SSF x Far_LoA	-10,1620718	0,062	0,315
CHR4	2318295	CHR4:2318295	SSF x Far_LoA	-8,86207755	-0,075	0,329
CHR4	2318338	CHR4:2318338	SSF x Far_LoA	-7,33195146	0,032	0,318
CHR4	2318343	CHR4:2318343	SSF x Far_LoA	-9,27393628	0,018	0,305
CHR4	23190235	CHR4:23190235	SSF x Far_LoA	-10,5663752	0,091	0,304
CHR4	23190265	CHR4:23190265	SSF x Far_LoA	-8,19325689	-0,042	0,319
CHR4	23190297	CHR4:23190297	SSF x Far_LoA	-11,578438	0,094	0,297
CHR4	23190303	CHR4:23190303	SSF x Far_LoA	-5,67346762	-0,117	0,305
CHR4	2319359	CHR4:2319359	SSF x Far_LoA	-10,7788473	0,074	0,310
CHR4	23193960	CHR4:23193960	SSF x Far_LoA	-6,9006948	0,114	0,301
CHR4	23194033	CHR4:23194033	SSF x Far_LoA	-3,77458642	-0,180	0,294
CHR4	23194035	CHR4:23194035	SSF x Far_LoA	-9,29673808	-0,140	0,305
CHR4	23194098	CHR4:23194098	SSF x Far_LoA	-1,24741868	0,195	0,295
CHR4	23194138	CHR4:23194138	SSF x Far_LoA	-9,61997459	-0,023	0,320
CHR4	2319536	CHR4:2319536	SSF x Far_LoA	-8,58711988	-0,064	0,297
CHR4	23196356	CHR4:23196356	SSF x Far_LoA	-8,68605032	-0,019	0,320
CHR4	23196368	CHR4:23196368	SSF x Far_LoA	-9,88217548	-0,016	0,314
CHR4	23196399	CHR4:23196399	SSF x Far_LoA	-7,55281017	0,192	0,297
CHR4	23196443	CHR4:23196443	SSF x Far_LoA	-5,77698906	0,230	0,305
CHR4	23196513	CHR4:23196513	SSF x Far_LoA	-9,87452788	0,024	0,319
CHR4	23196528	CHR4:23196528	SSF x Far_LoA	-8,9220338	0,042	0,291
CHR4	23202206	CHR4:23202206	SSF x Far_LoA	-12,1877087	0,038	0,291
CHR4	23202218	CHR4:23202218	SSF x Far_LoA	-11,10661	0,024	0,302
CHR4	23202236	CHR4:23202236	SSF x Far_LoA	-10,7114528	0,035	0,304
CHR4	23202251	CHR4:23202251	SSF x Far_LoA	-9,52617451	-0,030	0,294
CHR4	23207268	CHR4:23207268	SSF x Far_LoA	-8,91238472	0,028	0,317
CHR4	23207467	CHR4:23207467	SSF x Far_LoA	-10,2468918	-0,018	0,303
CHR4	23207497	CHR4:23207497	SSF x Far_LoA	-8,89075455	-0,029	0,312
CHR4	23209280	CHR4:23209280	SSF x Far_LoA	-10,3500614	-0,032	0,317
CHR4	23209459	CHR4:23209459	SSF x Far_LoA	-10,7953913	0,007	0,292
CHR4	23209494	CHR4:23209494	SSF x Far_LoA	-9,59145245	0,106	0,305
CHR4	23209501	CHR4:23209501	SSF x Far_LoA	-7,6779178	0,088	0,316
CHR4	23217632	CHR4:23217632	SSF x Far_LoA	-7,17004581	0,109	0,316
CHR4	23217680	CHR4:23217680	SSF x Far_LoA	-10,5354999	0,044	0,306
CHR4	23219428	CHR4:23219428	SSF x Far_LoA	-10,5358032	0,015	0,297

CHR4	23219435	CHR4:23219435	SSF x Far_LoA	-8,74808772	0,031	0,302
CHR4	23219438	CHR4:23219438	SSF x Far_LoA	-9,03608059	0,053	0,308
CHR4	23219446	CHR4:23219446	SSF x Far_LoA	-10,2260435	-0,029	0,303
CHR4	23219462	CHR4:23219462	SSF x Far_LoA	-6,04522082	-0,045	0,308
CHR4	23219468	CHR4:23219468	SSF x Far_LoA	-10,6029556	-0,036	0,319
CHR4	23219474	CHR4:23219474	SSF x Far_LoA	-7,49490705	-0,081	0,307
CHR4	23219561	CHR4:23219561	SSF x Far_LoA	-9,99867881	-0,011	0,305
CHR4	23226323	CHR4:23226323	SSF x Far_LoA	-10,5155218	0,024	0,309
CHR4	23226539	CHR4:23226539	SSF x Far_LoA	-10,3966704	0,023	0,307
CHR4	23227493	CHR4:23227493	SSF x Far_LoA	-7,80524723	-0,123	0,307
CHR4	23227502	CHR4:23227502	SSF x Far_LoA	-7,08150093	0,106	0,309
CHR4	23228319	CHR4:23228319	SSF x Far_LoA	-10,1251896	0,075	0,303
CHR4	23233221	CHR4:23233221	SSF x Far_LoA	-10,7128727	-0,034	0,310
CHR4	23248343	CHR4:23248343	SSF x Far_LoA	-5,13023823	-0,028	0,310
CHR4	23248372	CHR4:23248372	SSF x Far_LoA	-8,42088539	0,048	0,303
CHR4	23248391	CHR4:23248391	SSF x Far_LoA	-9,25526004	-0,060	0,314
CHR4	23248434	CHR4:23248434	SSF x Far_LoA	-10,7477657	0,050	0,304
CHR4	23250943	CHR4:23250943	SSF x Far_LoA	-8,5652933	0,169	0,296
CHR4	23251177	CHR4:23251177	SSF x Far_LoA	-7,43766981	-0,194	0,302
CHR4	23254101	CHR4:23254101	SSF x Far_LoA	-5,54116606	-0,093	0,315
CHR4	23254267	CHR4:23254267	SSF x Far_LoA	-11,1929891	-0,005	0,310
CHR4	2325643	CHR4:2325643	SSF x Far_LoA	-8,56886262	-0,025	0,318
CHR4	2325650	CHR4:2325650	SSF x Far_LoA	-8,15582715	0,023	0,308
CHR4	23260011	CHR4:23260011	SSF x Far_LoA	-6,26943472	-0,015	0,303
CHR4	23260086	CHR4:23260086	SSF x Far_LoA	-11,0126137	0,013	0,302
CHR4	23260119	CHR4:23260119	SSF x Far_LoA	-10,5188809	-0,055	0,310
CHR4	23260140	CHR4:23260140	SSF x Far_LoA	-7,70350055	-0,064	0,305
CHR4	23260146	CHR4:23260146	SSF x Far_LoA	-8,36214308	-0,076	0,314
CHR4	23260236	CHR4:23260236	SSF x Far_LoA	-10,5594394	0,022	0,300
CHR4	23275740	CHR4:23275740	SSF x Far_LoA	-5,93859776	0,117	0,311
CHR4	23275765	CHR4:23275765	SSF x Far_LoA	-7,91723639	-0,091	0,302
CHR4	23275808	CHR4:23275808	SSF x Far_LoA	-8,40725089	0,001	0,304
CHR4	23279196	CHR4:23279196	SSF x Far_LoA	-1,91263931	0,009	0,295
CHR4	23279235	CHR4:23279235	SSF x Far_LoA	-8,85946593	0,064	0,293
CHR4	23279253	CHR4:23279253	SSF x Far_LoA	-9,23520242	-0,045	0,307
CHR4	23279303	CHR4:23279303	SSF x Far_LoA	-7,34722271	-0,128	0,301
CHR4	23279340	CHR4:23279340	SSF x Far_LoA	-8,02077747	0,098	0,306
CHR4	23279343	CHR4:23279343	SSF x Far_LoA	-10,4242613	0,034	0,291
CHR4	23279346	CHR4:23279346	SSF x Far_LoA	-11,3669992	0,006	0,299
CHR4	23279378	CHR4:23279378	SSF x Far_LoA	-7,84886442	-0,080	0,309
CHR4	23297771	CHR4:23297771	SSF x Far_LoA	-10,8821659	0,003	0,314
CHR4	23297783	CHR4:23297783	SSF x Far_LoA	-10,2842091	-0,034	0,299
CHR4	23297811	CHR4:23297811	SSF x Far_LoA	-10,6528155	-0,028	0,317
CHR4	23297835	CHR4:23297835	SSF x Far_LoA	-11,6580056	-0,013	0,300
CHR4	23297848	CHR4:23297848	SSF x Far_LoA	-9,05209559	-0,027	0,315
CHR4	23297866	CHR4:23297866	SSF x Far_LoA	-10,6138426	-0,062	0,309
CHR4	23309708	CHR4:23309708	SSF x Far_LoA	-9,69475843	0,024	0,304
CHR4	23309807	CHR4:23309807	SSF x Far_LoA	-8,10396549	-0,048	0,303
CHR4	23338236	CHR4:23338236	SSF x Far_LoA	-2,86595091	-0,185	0,309
CHR4	23340597	CHR4:23340597	SSF x Far_LoA	-10,387879	0,059	0,312
CHR4	23340618	CHR4:23340618	SSF x Far_LoA	-7,88477103	-0,007	0,285
CHR4	23340652	CHR4:23340652	SSF x Far_LoA	-9,2173293	-0,040	0,308
CHR4	23340655	CHR4:23340655	SSF x Far_LoA	-1,23834293	0,085	0,315

CHR4	23340658	CHR4:23340658	SSF x Far_LoA	-9,12748561	0,032	0,312
CHR4	23340698	CHR4:23340698	SSF x Far_LoA	-4,20750613	0,075	0,309
CHR4	23340721	CHR4:23340721	SSF x Far_LoA	-9,235904	-0,046	0,325
CHR4	23340827	CHR4:23340827	SSF x Far_LoA	-9,91832031	0,046	0,310
CHR4	2335309	CHR4:2335309	SSF x Far_LoA	-7,5612215	0,077	0,295
CHR4	2335317	CHR4:2335317	SSF x Far_LoA	-7,14165527	0,117	0,298
CHR4	2335329	CHR4:2335329	SSF x Far_LoA	-6,3731245	0,090	0,299
CHR4	2335331	CHR4:2335331	SSF x Far_LoA	-10,0011821	-0,007	0,295
CHR4	2335364	CHR4:2335364	SSF x Far_LoA	-11,3153676	0,042	0,294
CHR4	2335412	CHR4:2335412	SSF x Far_LoA	-9,42392358	-0,113	0,314
CHR4	23360078	CHR4:23360078	SSF x Far_LoA	-9,7199171	-0,074	0,305
CHR4	23360085	CHR4:23360085	SSF x Far_LoA	-8,84642256	-0,071	0,316
CHR4	23360108	CHR4:23360108	SSF x Far_LoA	-9,68271291	0,068	0,300
CHR4	23360932	CHR4:23360932	SSF x Far_LoA	-8,74017724	0,067	0,308
CHR4	23375319	CHR4:23375319	SSF x Far_LoA	-10,63353	-0,008	0,308
CHR4	23375358	CHR4:23375358	SSF x Far_LoA	-9,60215564	0,015	0,307
CHR4	23375402	CHR4:23375402	SSF x Far_LoA	-7,86019679	-0,043	0,301
CHR4	23381909	CHR4:23381909	SSF x Far_LoA	-7,61812235	-0,057	0,313
CHR4	23381935	CHR4:23381935	SSF x Far_LoA	-8,05295144	0,019	0,316
CHR4	23386624	CHR4:23386624	SSF x Far_LoA	-9,31626917	0,030	0,303
CHR4	23386659	CHR4:23386659	SSF x Far_LoA	-6,21597607	-0,040	0,300
CHR4	23386740	CHR4:23386740	SSF x Far_LoA	-10,2282196	-0,051	0,309
CHR4	23386743	CHR4:23386743	SSF x Far_LoA	-11,2111191	-0,033	0,296
CHR4	23386850	CHR4:23386850	SSF x Far_LoA	-5,9413971	0,033	0,302
CHR4	23386859	CHR4:23386859	SSF x Far_LoA	-8,03008422	0,191	0,293
CHR4	2338937	CHR4:2338937	SSF x Far_LoA	-9,42137415	0,095	0,311
CHR4	2338948	CHR4:2338948	SSF x Far_LoA	-9,67098629	-0,022	0,310
CHR4	2339036	CHR4:2339036	SSF x Far_LoA	-8,19719523	-0,162	0,295
CHR4	23392495	CHR4:23392495	SSF x Far_LoA	-7,96668423	0,001	0,317
CHR4	23392498	CHR4:23392498	SSF x Far_LoA	-9,50595134	-0,044	0,311
CHR4	23392531	CHR4:23392531	SSF x Far_LoA	-9,3457098	-0,155	0,295
CHR4	23392702	CHR4:23392702	SSF x Far_LoA	-9,42522709	0,096	0,302
CHR4	23398417	CHR4:23398417	SSF x Far_LoA	-10,2711879	-0,019	0,300
CHR4	23399857	CHR4:23399857	SSF x Far_LoA	-12,1803188	-0,057	0,285
CHR4	2340986	CHR4:2340986	SSF x Far_LoA	-6,53819096	-0,087	0,307
CHR4	2341092	CHR4:2341092	SSF x Far_LoA	-9,28547792	0,131	0,299
CHR4	2341169	CHR4:2341169	SSF x Far_LoA	-8,04957347	0,022	0,305
CHR4	23420052	CHR4:23420052	SSF x Far_LoA	-6,02714673	0,096	0,307
CHR4	2345592	CHR4:2345592	SSF x Far_LoA	-7,17713687	-0,070	0,323
CHR4	2345604	CHR4:2345604	SSF x Far_LoA	-2,36080325	-0,191	0,304
CHR4	2346564	CHR4:2346564	SSF x Far_LoA	-4,76573521	-0,143	0,291
CHR4	23469341	CHR4:23469341	SSF x Far_LoA	-7,57957816	-0,114	0,295
CHR4	23469347	CHR4:23469347	SSF x Far_LoA	-3,28783986	0,154	0,309
CHR4	23470388	CHR4:23470388	SSF x Far_LoA	-9,42494185	0,013	0,320
CHR4	23470395	CHR4:23470395	SSF x Far_LoA	-6,30920193	-0,207	0,306
CHR4	23470452	CHR4:23470452	SSF x Far_LoA	-4,52143457	-0,182	0,310
CHR4	23470455	CHR4:23470455	SSF x Far_LoA	-4,22326372	-0,097	0,307
CHR4	23470497	CHR4:23470497	SSF x Far_LoA	-11,5216053	-0,041	0,306
CHR4	23470549	CHR4:23470549	SSF x Far_LoA	-11,5638422	-0,040	0,315
CHR4	23470734	CHR4:23470734	SSF x Far_LoA	-8,34174772	0,045	0,303
CHR4	23474281	CHR4:23474281	SSF x Far_LoA	-9,36674341	0,093	0,304
CHR4	23474491	CHR4:23474491	SSF x Far_LoA	-9,03126631	-0,077	0,294
CHR4	23482077	CHR4:23482077	SSF x Far_LoA	-9,69794741	0,077	0,293

CHR4	23482121	CHR4:23482121	SSF x Far_LoA	-7,76327775	-0,023	0,312
CHR4	23482145	CHR4:23482145	SSF x Far_LoA	-3,76356174	-0,072	0,305
CHR4	23482173	CHR4:23482173	SSF x Far_LoA	-9,71022358	0,037	0,313
CHR4	23482180	CHR4:23482180	SSF x Far_LoA	-8,84211409	-0,038	0,304
CHR4	23496552	CHR4:23496552	SSF x Far_LoA	-10,1388172	0,010	0,307
CHR4	23496625	CHR4:23496625	SSF x Far_LoA	-9,88206697	0,093	0,296
CHR4	23496744	CHR4:23496744	SSF x Far_LoA	-9,71540722	-0,024	0,320
CHR4	23498907	CHR4:23498907	SSF x Far_LoA	-10,6769624	-0,049	0,298
CHR4	23498914	CHR4:23498914	SSF x Far_LoA	-10,2903019	-0,146	0,297
CHR4	23498959	CHR4:23498959	SSF x Far_LoA	-10,7209782	0,151	0,291
CHR4	23499031	CHR4:23499031	SSF x Far_LoA	-8,45310358	0,140	0,301
CHR4	23499032	CHR4:23499032	SSF x Far_LoA	-4,21941733	0,107	0,320
CHR4	23499039	CHR4:23499039	SSF x Far_LoA	-7,22392243	-0,111	0,305
CHR4	23499066	CHR4:23499066	SSF x Far_LoA	-10,5485369	-0,054	0,299
CHR4	23499097	CHR4:23499097	SSF x Far_LoA	-4,64722838	0,162	0,290
CHR4	23502762	CHR4:23502762	SSF x Far_LoA	-8,60177991	0,051	0,293
CHR4	23502769	CHR4:23502769	SSF x Far_LoA	-10,3686467	0,008	0,312
CHR4	23502861	CHR4:23502861	SSF x Far_LoA	-9,62414396	-0,033	0,314
CHR4	23502923	CHR4:23502923	SSF x Far_LoA	-11,3333407	0,053	0,291
CHR4	23528764	CHR4:23528764	SSF x Far_LoA	-7,2236144	-0,164	0,307
CHR4	23536296	CHR4:23536296	SSF x Far_LoA	-8,43516291	0,072	0,319
CHR4	23536345	CHR4:23536345	SSF x Far_LoA	-8,40509243	0,073	0,305
CHR4	23536346	CHR4:23536346	SSF x Far_LoA	-10,9124432	0,052	0,300
CHR4	23536394	CHR4:23536394	SSF x Far_LoA	-7,75529128	0,070	0,306
CHR4	23536395	CHR4:23536395	SSF x Far_LoA	-6,7771866	0,086	0,304
CHR4	23550853	CHR4:23550853	SSF x Far_LoA	-7,57810635	0,109	0,301
CHR4	23550862	CHR4:23550862	SSF x Far_LoA	-10,9257159	0,035	0,317
CHR4	23550958	CHR4:23550958	SSF x Far_LoA	-3,88699497	-0,189	0,302
CHR4	23551828	CHR4:23551828	SSF x Far_LoA	-10,4827088	-0,080	0,312
CHR4	23551922	CHR4:23551922	SSF x Far_LoA	-9,98181387	0,036	0,303
CHR4	23566870	CHR4:23566870	SSF x Far_LoA	-8,73936886	-0,076	0,305
CHR4	23566876	CHR4:23566876	SSF x Far_LoA	-8,12353167	0,018	0,319
CHR4	23566889	CHR4:23566889	SSF x Far_LoA	-7,96175008	-0,118	0,307
CHR4	23566893	CHR4:23566893	SSF x Far_LoA	-8,31414691	-0,054	0,305
CHR4	23566918	CHR4:23566918	SSF x Far_LoA	-8,84802259	-0,114	0,308
CHR4	23566927	CHR4:23566927	SSF x Far_LoA	-7,00453599	-0,098	0,315
CHR4	23566936	CHR4:23566936	SSF x Far_LoA	-7,90721907	0,052	0,315
CHR4	23566951	CHR4:23566951	SSF x Far_LoA	-9,64109391	-0,022	0,295
CHR4	23567002	CHR4:23567002	SSF x Far_LoA	-8,38548505	-0,013	0,301
CHR4	23567069	CHR4:23567069	SSF x Far_LoA	-5,85025491	0,182	0,296
CHR4	23567070	CHR4:23567070	SSF x Far_LoA	-10,6582786	-0,039	0,309
CHR4	23569191	CHR4:23569191	SSF x Far_LoA	-7,4573615	-0,177	0,286
CHR4	23577121	CHR4:23577121	SSF x Far_LoA	-8,82010277	0,086	0,302
CHR4	23577182	CHR4:23577182	SSF x Far_LoA	-9,93307088	0,000	0,289
CHR4	23577194	CHR4:23577194	SSF x Far_LoA	-9,67080277	0,083	0,299
CHR4	23577464	CHR4:23577464	SSF x Far_LoA	-8,24537572	-0,164	0,303
CHR4	23577513	CHR4:23577513	SSF x Far_LoA	-10,0044712	-0,046	0,325
CHR4	23577519	CHR4:23577519	SSF x Far_LoA	-11,3796153	-0,081	0,303
CHR4	23579989	CHR4:23579989	SSF x Far_LoA	-7,02709511	-0,090	0,317
CHR4	23580054	CHR4:23580054	SSF x Far_LoA	-8,84173274	-0,035	0,321
CHR4	23580055	CHR4:23580055	SSF x Far_LoA	-10,85884	-0,050	0,306
CHR4	23580109	CHR4:23580109	SSF x Far_LoA	-9,98383938	-0,088	0,311
CHR4	23582795	CHR4:23582795	SSF x Far_LoA	-7,04668889	0,114	0,297

CHR4	23582834	CHR4:23582834	SSF x Far_LoA	-9,65347691	0,022	0,309
CHR4	23582845	CHR4:23582845	SSF x Far_LoA	-9,20235525	0,039	0,309
CHR4	23582958	CHR4:23582958	SSF x Far_LoA	-11,5681115	-0,102	0,303
CHR4	23582967	CHR4:23582967	SSF x Far_LoA	-7,92378377	-0,098	0,305
CHR4	23589510	CHR4:23589510	SSF x Far_LoA	-7,09610461	0,076	0,308
CHR4	23591589	CHR4:23591589	SSF x Far_LoA	-11,0762887	0,064	0,305
CHR4	23593384	CHR4:23593384	SSF x Far_LoA	-8,80892484	0,070	0,296
CHR4	23593402	CHR4:23593402	SSF x Far_LoA	-9,22945321	-0,075	0,309
CHR4	23593468	CHR4:23593468	SSF x Far_LoA	-8,57238659	0,042	0,305
CHR4	23593487	CHR4:23593487	SSF x Far_LoA	-7,17892104	0,083	0,299
CHR4	23598295	CHR4:23598295	SSF x Far_LoA	-8,40333063	0,024	0,303
CHR4	23598306	CHR4:23598306	SSF x Far_LoA	-10,6629762	-0,030	0,307
CHR4	23598332	CHR4:23598332	SSF x Far_LoA	-11,2626459	-0,010	0,308
CHR4	23598346	CHR4:23598346	SSF x Far_LoA	-9,21061722	-0,052	0,322
CHR4	23602115	CHR4:23602115	SSF x Far_LoA	-10,347288	0,035	0,307
CHR4	23602116	CHR4:23602116	SSF x Far_LoA	-10,406976	0,005	0,310
CHR4	2360277	CHR4:2360277	SSF x Far_LoA	-11,2821542	-0,107	0,303
CHR4	2360350	CHR4:2360350	SSF x Far_LoA	-6,02322574	0,027	0,309
CHR4	2360386	CHR4:2360386	SSF x Far_LoA	-11,4828808	-0,017	0,315
CHR4	23613044	CHR4:23613044	SSF x Far_LoA	-7,80893893	0,030	0,314
CHR4	23613665	CHR4:23613665	SSF x Far_LoA	-11,3022743	0,054	0,308
CHR4	23623640	CHR4:23623640	SSF x Far_LoA	-11,7129124	0,018	0,297
CHR4	23623649	CHR4:23623649	SSF x Far_LoA	-8,8035071	-0,003	0,307
CHR4	23623668	CHR4:23623668	SSF x Far_LoA	-6,41314839	0,029	0,306
CHR4	23623692	CHR4:23623692	SSF x Far_LoA	-11,5295343	-0,017	0,307
CHR4	23623703	CHR4:23623703	SSF x Far_LoA	-9,93920772	-0,005	0,311
CHR4	23623714	CHR4:23623714	SSF x Far_LoA	-9,19530468	-0,034	0,285
CHR4	23623759	CHR4:23623759	SSF x Far_LoA	-8,00837181	-0,152	0,301
CHR4	23623773	CHR4:23623773	SSF x Far_LoA	-10,9089769	-0,023	0,313
CHR4	23623824	CHR4:23623824	SSF x Far_LoA	-10,374225	-0,042	0,320
CHR4	2363406	CHR4:2363406	SSF x Far_LoA	-10,8761232	0,104	0,302
CHR4	2363469	CHR4:2363469	SSF x Far_LoA	-11,3085028	0,079	0,285
CHR4	2363517	CHR4:2363517	SSF x Far_LoA	-11,0146802	0,027	0,288
CHR4	23636709	CHR4:23636709	SSF x Far_LoA	-7,35317926	-0,041	0,308
CHR4	23636714	CHR4:23636714	SSF x Far_LoA	-7,2489623	-0,070	0,302
CHR4	23636719	CHR4:23636719	SSF x Far_LoA	-6,46775592	0,189	0,286
CHR4	23636727	CHR4:23636727	SSF x Far_LoA	-10,0268983	-0,026	0,312
CHR4	23636728	CHR4:23636728	SSF x Far_LoA	-9,96370748	-0,065	0,315
CHR4	23636768	CHR4:23636768	SSF x Far_LoA	-9,04556547	-0,094	0,302
CHR4	23641608	CHR4:23641608	SSF x Far_LoA	-6,10324917	0,159	0,297
CHR4	23641663	CHR4:23641663	SSF x Far_LoA	-10,0943352	0,085	0,292
CHR4	23641827	CHR4:23641827	SSF x Far_LoA	-9,22913854	0,078	0,311
CHR4	23644974	CHR4:23644974	SSF x Far_LoA	-9,58128015	0,035	0,304
CHR4	2364702	CHR4:2364702	SSF x Far_LoA	-8,45335015	-0,051	0,323
CHR4	23654240	CHR4:23654240	SSF x Far_LoA	-10,8378928	0,038	0,309
CHR4	23654251	CHR4:23654251	SSF x Far_LoA	-9,92962787	-0,063	0,317
CHR4	23654263	CHR4:23654263	SSF x Far_LoA	-10,3023045	0,030	0,298
CHR4	23654269	CHR4:23654269	SSF x Far_LoA	-9,06185318	-0,017	0,305
CHR4	23654270	CHR4:23654270	SSF x Far_LoA	-9,62873615	-0,015	0,316
CHR4	23654304	CHR4:23654304	SSF x Far_LoA	-11,1607143	0,014	0,301
CHR4	23654307	CHR4:23654307	SSF x Far_LoA	-7,85668478	-0,146	0,302
CHR4	23654324	CHR4:23654324	SSF x Far_LoA	-8,04941528	0,067	0,304
CHR4	23654341	CHR4:23654341	SSF x Far_LoA	-8,86764705	-0,064	0,304

CHR4	23654349	CHR4:23654349	SSF x Far_LoA	-8,9728309	-0,019	0,300
CHR4	23654410	CHR4:23654410	SSF x Far_LoA	-9,70774899	0,021	0,294
CHR4	23654414	CHR4:23654414	SSF x Far_LoA	-10,5122024	-0,061	0,313
CHR4	23654449	CHR4:23654449	SSF x Far_LoA	-11,4183482	0,022	0,324
CHR4	23654458	CHR4:23654458	SSF x Far_LoA	-8,52547694	0,063	0,310
CHR4	23660370	CHR4:23660370	SSF x Far_LoA	-11,8746161	0,074	0,302
CHR4	23660436	CHR4:23660436	SSF x Far_LoA	-9,27824994	-0,034	0,311
CHR4	23660486	CHR4:23660486	SSF x Far_LoA	-10,7161777	-0,036	0,302
CHR4	23660548	CHR4:23660548	SSF x Far_LoA	-10,1793337	0,054	0,317
CHR4	23660567	CHR4:23660567	SSF x Far_LoA	-9,23189156	0,015	0,308
CHR4	23660588	CHR4:23660588	SSF x Far_LoA	-1,9214655	-0,131	0,292
CHR4	23664726	CHR4:23664726	SSF x Far_LoA	-10,2530268	-0,081	0,300
CHR4	23664758	CHR4:23664758	SSF x Far_LoA	-5,00492682	-0,036	0,311
CHR4	23664941	CHR4:23664941	SSF x Far_LoA	-7,85436286	0,005	0,309
CHR4	23671377	CHR4:23671377	SSF x Far_LoA	-9,50607014	0,110	0,316
CHR4	23671432	CHR4:23671432	SSF x Far_LoA	-6,20322279	0,042	0,310
CHR4	23681476	CHR4:23681476	SSF x Far_LoA	-11,59934	0,053	0,305
CHR4	23681785	CHR4:23681785	SSF x Far_LoA	-10,687367	-0,014	0,317
CHR4	23685889	CHR4:23685889	SSF x Far_LoA	-5,53032535	-0,079	0,306
CHR4	23688848	CHR4:23688848	SSF x Far_LoA	-7,19282171	0,097	0,306
CHR4	23689650	CHR4:23689650	SSF x Far_LoA	-8,55715014	-0,009	0,307
CHR4	23689651	CHR4:23689651	SSF x Far_LoA	-12,026245	-0,034	0,310
CHR4	23696632	CHR4:23696632	SSF x Far_LoA	-6,00402756	0,127	0,300
CHR4	23696641	CHR4:23696641	SSF x Far_LoA	-6,15520245	0,111	0,312
CHR4	23696864	CHR4:23696864	SSF x Far_LoA	-9,47744233	0,043	0,310
CHR4	23696887	CHR4:23696887	SSF x Far_LoA	-10,6750955	0,102	0,292
CHR4	23701176	CHR4:23701176	SSF x Far_LoA	-7,59645168	0,086	0,305
CHR4	23701181	CHR4:23701181	SSF x Far_LoA	-9,06717972	0,059	0,317
CHR4	23701253	CHR4:23701253	SSF x Far_LoA	-9,53808996	0,088	0,292
CHR4	23702666	CHR4:23702666	SSF x Far_LoA	-8,90066486	0,090	0,310
CHR4	23719821	CHR4:23719821	SSF x Far_LoA	-8,62558965	0,063	0,312
CHR4	23719825	CHR4:23719825	SSF x Far_LoA	-6,82496909	-0,050	0,308
CHR4	23719831	CHR4:23719831	SSF x Far_LoA	-7,69019525	0,107	0,313
CHR4	23719834	CHR4:23719834	SSF x Far_LoA	-9,12615846	0,095	0,295
CHR4	23719839	CHR4:23719839	SSF x Far_LoA	-8,21144038	0,085	0,311
CHR4	23719847	CHR4:23719847	SSF x Far_LoA	-11,8643371	-0,067	0,300
CHR4	23719862	CHR4:23719862	SSF x Far_LoA	-7,37538248	-0,048	0,303
CHR4	23720008	CHR4:23720008	SSF x Far_LoA	-9,02446844	-0,105	0,301
CHR4	23722544	CHR4:23722544	SSF x Far_LoA	-9,04802478	0,004	0,306
CHR4	23722785	CHR4:23722785	SSF x Far_LoA	-10,5086744	0,047	0,313
CHR4	23724835	CHR4:23724835	SSF x Far_LoA	-9,54874256	0,013	0,309
CHR4	23724909	CHR4:23724909	SSF x Far_LoA	-8,78341473	0,005	0,308
CHR4	23724924	CHR4:23724924	SSF x Far_LoA	-8,8318669	-0,034	0,309
CHR4	23724939	CHR4:23724939	SSF x Far_LoA	-8,49891445	-0,041	0,312
CHR4	23724957	CHR4:23724957	SSF x Far_LoA	-10,3627291	0,124	0,282
CHR4	23735227	CHR4:23735227	SSF x Far_LoA	-10,0450926	-0,091	0,308
CHR4	23739417	CHR4:23739417	SSF x Far_LoA	-11,2330609	-0,023	0,303
CHR4	2375213	CHR4:2375213	SSF x Far_LoA	-2,34908883	-0,019	0,292
CHR4	23753301	CHR4:23753301	SSF x Far_LoA	-9,16925444	0,010	0,310
CHR4	23755146	CHR4:23755146	SSF x Far_LoA	-9,59219047	-0,117	0,301
CHR4	23755177	CHR4:23755177	SSF x Far_LoA	-9,36180557	-0,039	0,298
CHR4	23755178	CHR4:23755178	SSF x Far_LoA	-8,77714136	-0,009	0,298
CHR4	23755206	CHR4:23755206	SSF x Far_LoA	-8,60509036	-0,035	0,303

CHR4	23755224	CHR4:23755224	SSF x Far_LoA	-9,37882221	-0,056	0,296
CHR4	23755550	CHR4:23755550	SSF x Far_LoA	-6,79076012	0,083	0,305
CHR4	23755609	CHR4:23755609	SSF x Far_LoA	-8,52368586	0,066	0,306
CHR4	23755627	CHR4:23755627	SSF x Far_LoA	-8,28732789	-0,112	0,303
CHR4	23761534	CHR4:23761534	SSF x Far_LoA	-8,52020688	-0,019	0,302
CHR4	23761755	CHR4:23761755	SSF x Far_LoA	-10,5279115	-0,021	0,307
CHR4	23776689	CHR4:23776689	SSF x Far_LoA	-4,9033324	0,217	0,306
CHR4	23776757	CHR4:23776757	SSF x Far_LoA	-8,21645766	-0,197	0,290
CHR4	23776767	CHR4:23776767	SSF x Far_LoA	-7,31656641	-0,159	0,300
CHR4	23786628	CHR4:23786628	SSF x Far_LoA	-9,55697315	-0,016	0,314
CHR4	23786630	CHR4:23786630	SSF x Far_LoA	-8,482852	0,050	0,311
CHR4	23786693	CHR4:23786693	SSF x Far_LoA	-8,08203964	0,039	0,297
CHR4	23786706	CHR4:23786706	SSF x Far_LoA	-10,1949668	0,109	0,306
CHR4	23786708	CHR4:23786708	SSF x Far_LoA	-8,46866625	-0,063	0,307
CHR4	23786719	CHR4:23786719	SSF x Far_LoA	-7,6260155	0,001	0,310
CHR4	23787478	CHR4:23787478	SSF x Far_LoA	-7,66467135	-0,136	0,303
CHR4	23787506	CHR4:23787506	SSF x Far_LoA	-8,06152928	-0,090	0,298
CHR4	23787542	CHR4:23787542	SSF x Far_LoA	-8,79364646	-0,062	0,293
CHR4	23787556	CHR4:23787556	SSF x Far_LoA	-6,14326297	0,096	0,302
CHR4	23787558	CHR4:23787558	SSF x Far_LoA	-9,13987791	-0,054	0,286
CHR4	23787561	CHR4:23787561	SSF x Far_LoA	-7,76559326	-0,065	0,304
CHR4	23787579	CHR4:23787579	SSF x Far_LoA	-8,82290095	0,075	0,295
CHR4	23792993	CHR4:23792993	SSF x Far_LoA	-10,2891664	0,066	0,300
CHR4	23793020	CHR4:23793020	SSF x Far_LoA	-10,0050019	0,027	0,299
CHR4	23793039	CHR4:23793039	SSF x Far_LoA	-10,8369764	0,049	0,309
CHR4	23793088	CHR4:23793088	SSF x Far_LoA	-6,87093939	-0,149	0,299
CHR4	23798792	CHR4:23798792	SSF x Far_LoA	-9,12315432	0,063	0,300
CHR4	23798824	CHR4:23798824	SSF x Far_LoA	-11,2124773	0,026	0,321
CHR4	23799646	CHR4:23799646	SSF x Far_LoA	-9,05738793	0,029	0,303
CHR4	23801699	CHR4:23801699	SSF x Far_LoA	-10,2306023	-0,092	0,302
CHR4	23801722	CHR4:23801722	SSF x Far_LoA	-11,0379263	-0,033	0,305
CHR4	23801765	CHR4:23801765	SSF x Far_LoA	-8,59309412	0,027	0,314
CHR4	23801786	CHR4:23801786	SSF x Far_LoA	-7,57834621	0,049	0,314
CHR4	23801803	CHR4:23801803	SSF x Far_LoA	-8,81134361	0,039	0,300
CHR4	23801817	CHR4:23801817	SSF x Far_LoA	-9,53679928	-0,081	0,327
CHR4	23801843	CHR4:23801843	SSF x Far_LoA	-9,19599569	0,102	0,310
CHR4	23801902	CHR4:23801902	SSF x Far_LoA	-10,9671455	0,002	0,314
CHR4	23801925	CHR4:23801925	SSF x Far_LoA	-11,6939998	0,095	0,297
CHR4	23805655	CHR4:23805655	SSF x Far_LoA	-8,89933185	-0,093	0,316
CHR4	23805823	CHR4:23805823	SSF x Far_LoA	-10,2375576	0,088	0,289
CHR4	23822452	CHR4:23822452	SSF x Far_LoA	-11,3360468	-0,089	0,300
CHR4	23822564	CHR4:23822564	SSF x Far_LoA	-10,2954985	0,014	0,291
CHR4	23822574	CHR4:23822574	SSF x Far_LoA	-8,31614979	-0,110	0,283
CHR4	23822592	CHR4:23822592	SSF x Far_LoA	-8,46701425	-0,079	0,294
CHR4	23832117	CHR4:23832117	SSF x Far_LoA	-11,1158616	0,073	0,306
CHR4	23836267	CHR4:23836267	SSF x Far_LoA	-10,4210129	-0,042	0,313
CHR4	23836333	CHR4:23836333	SSF x Far_LoA	-5,25442782	0,073	0,306
CHR4	23842188	CHR4:23842188	SSF x Far_LoA	-8,80015465	0,070	0,317
CHR4	2384518	CHR4:2384518	SSF x Far_LoA	-8,62603105	-0,106	0,301
CHR4	2384535	CHR4:2384535	SSF x Far_LoA	-1,62034876	-0,126	0,307
CHR4	2384554	CHR4:2384554	SSF x Far_LoA	-4,9704255	-0,210	0,290
CHR4	2384558	CHR4:2384558	SSF x Far_LoA	-1,49896933	-0,228	0,300
CHR4	23845699	CHR4:23845699	SSF x Far_LoA	-10,3063401	0,011	0,309

CHR4	2384576	CHR4:2384576	SSF x Far_LoA	-9,48715841	-0,064	0,312
CHR4	23845760	CHR4:23845760	SSF x Far_LoA	-10,8579623	-0,015	0,296
CHR4	23845764	CHR4:23845764	SSF x Far_LoA	-9,36524152	-0,030	0,306
CHR4	23845775	CHR4:23845775	SSF x Far_LoA	-10,572527	0,101	0,305
CHR4	23850942	CHR4:23850942	SSF x Far_LoA	-6,76285152	0,004	0,307
CHR4	23850946	CHR4:23850946	SSF x Far_LoA	-8,61982391	-0,081	0,295
CHR4	23850951	CHR4:23850951	SSF x Far_LoA	-9,43446805	0,035	0,299
CHR4	23851010	CHR4:23851010	SSF x Far_LoA	-3,19441897	-0,060	0,317
CHR4	23851017	CHR4:23851017	SSF x Far_LoA	-7,82557296	0,137	0,301
CHR4	23864911	CHR4:23864911	SSF x Far_LoA	-11,0791731	0,060	0,307
CHR4	23864934	CHR4:23864934	SSF x Far_LoA	-10,2517078	0,080	0,312
CHR4	23864941	CHR4:23864941	SSF x Far_LoA	-11,7339375	-0,062	0,306
CHR4	23875759	CHR4:23875759	SSF x Far_LoA	-7,47375518	-0,201	0,287
CHR4	23875945	CHR4:23875945	SSF x Far_LoA	-11,9872547	-0,060	0,313
CHR4	23875947	CHR4:23875947	SSF x Far_LoA	-8,44532356	-0,082	0,303
CHR4	23876854	CHR4:23876854	SSF x Far_LoA	-10,5336467	-0,085	0,299
CHR4	23876863	CHR4:23876863	SSF x Far_LoA	-10,0071672	-0,118	0,309
CHR4	23876905	CHR4:23876905	SSF x Far_LoA	-7,4734684	-0,133	0,307
CHR4	23876952	CHR4:23876952	SSF x Far_LoA	-11,0528577	0,062	0,307
CHR4	23883627	CHR4:23883627	SSF x Far_LoA	-9,69841393	-0,063	0,307
CHR4	23883688	CHR4:23883688	SSF x Far_LoA	-6,09355251	-0,130	0,308
CHR4	23883726	CHR4:23883726	SSF x Far_LoA	-7,6275574	0,094	0,289
CHR4	23883749	CHR4:23883749	SSF x Far_LoA	-8,90242908	0,070	0,301
CHR4	23883795	CHR4:23883795	SSF x Far_LoA	-10,5970356	-0,023	0,318
CHR4	23883880	CHR4:23883880	SSF x Far_LoA	-11,6454757	-0,022	0,302
CHR4	23885088	CHR4:23885088	SSF x Far_LoA	-6,1383491	-0,155	0,313
CHR4	23910211	CHR4:23910211	SSF x Far_LoA	-11,3932234	-0,013	0,311
CHR4	23910259	CHR4:23910259	SSF x Far_LoA	-11,332639	0,036	0,297
CHR4	23910265	CHR4:23910265	SSF x Far_LoA	-9,24830458	0,011	0,302
CHR4	23910270	CHR4:23910270	SSF x Far_LoA	-0,74319	-0,036	0,312
CHR4	23910288	CHR4:23910288	SSF x Far_LoA	-9,17350555	0,089	0,303
CHR4	23914636	CHR4:23914636	SSF x Far_LoA	-7,98273625	-0,045	0,309
CHR4	23914659	CHR4:23914659	SSF x Far_LoA	-9,83621175	-0,064	0,299
CHR4	23914674	CHR4:23914674	SSF x Far_LoA	-7,41615383	0,083	0,304
CHR4	23914767	CHR4:23914767	SSF x Far_LoA	-3,28151708	-0,058	0,307
CHR4	23914816	CHR4:23914816	SSF x Far_LoA	-7,61608361	0,008	0,306
CHR4	23914840	CHR4:23914840	SSF x Far_LoA	-10,2541507	-0,096	0,287
CHR4	23914849	CHR4:23914849	SSF x Far_LoA	-9,27096451	0,040	0,307
CHR4	2393075	CHR4:2393075	SSF x Far_LoA	-8,57738952	-0,115	0,300
CHR4	2393117	CHR4:2393117	SSF x Far_LoA	-8,19263925	-0,033	0,314
CHR4	23931317	CHR4:23931317	SSF x Far_LoA	-10,9642767	-0,137	0,311
CHR4	23931326	CHR4:23931326	SSF x Far_LoA	-9,50815946	-0,027	0,294
CHR4	2393176	CHR4:2393176	SSF x Far_LoA	-9,82174536	-0,013	0,312
CHR4	23934006	CHR4:23934006	SSF x Far_LoA	-9,00706551	0,082	0,305
CHR4	23934013	CHR4:23934013	SSF x Far_LoA	-10,1085553	0,102	0,306
CHR4	23934077	CHR4:23934077	SSF x Far_LoA	-7,32623138	0,124	0,320
CHR4	23934161	CHR4:23934161	SSF x Far_LoA	-8,41822716	0,016	0,287
CHR4	23934196	CHR4:23934196	SSF x Far_LoA	-9,50666665	0,022	0,293
CHR4	23934247	CHR4:23934247	SSF x Far_LoA	-8,3905273	-0,051	0,302
CHR4	23934255	CHR4:23934255	SSF x Far_LoA	-6,90268468	-0,054	0,297
CHR4	23940781	CHR4:23940781	SSF x Far_LoA	-9,06820207	0,017	0,309
CHR4	23940884	CHR4:23940884	SSF x Far_LoA	-8,78869668	-0,068	0,311
CHR4	23941003	CHR4:23941003	SSF x Far_LoA	-7,28957009	0,150	0,299

CHR4	23945628	CHR4:23945628	SSF x Far_LoA	-9,83124144	-0,006	0,316
CHR4	23945683	CHR4:23945683	SSF x Far_LoA	-3,95341243	-0,118	0,302
CHR4	23945784	CHR4:23945784	SSF x Far_LoA	-5,69942347	-0,136	0,291
CHR4	23947117	CHR4:23947117	SSF x Far_LoA	-9,92432327	-0,081	0,288
CHR4	23947140	CHR4:23947140	SSF x Far_LoA	-6,1368456	0,108	0,311
CHR4	23948672	CHR4:23948672	SSF x Far_LoA	-10,9542579	-0,009	0,290
CHR4	23948674	CHR4:23948674	SSF x Far_LoA	-11,2296428	0,025	0,308
CHR4	23948720	CHR4:23948720	SSF x Far_LoA	-9,18593344	-0,040	0,311
CHR4	23959247	CHR4:23959247	SSF x Far_LoA	-8,47583317	0,018	0,303
CHR4	23959252	CHR4:23959252	SSF x Far_LoA	-8,24230767	0,034	0,313
CHR4	23959298	CHR4:23959298	SSF x Far_LoA	-8,27755373	0,138	0,297
CHR4	23965245	CHR4:23965245	SSF x Far_LoA	-10,8530482	0,125	0,297
CHR4	23965347	CHR4:23965347	SSF x Far_LoA	-7,37316841	-0,066	0,310
CHR4	23974992	CHR4:23974992	SSF x Far_LoA	-10,5725749	-0,079	0,307
CHR4	23974995	CHR4:23974995	SSF x Far_LoA	-12,1405872	0,053	0,298
CHR4	23975060	CHR4:23975060	SSF x Far_LoA	-11,2920781	0,023	0,305
CHR4	23975106	CHR4:23975106	SSF x Far_LoA	-11,8475062	0,031	0,314
CHR4	23975115	CHR4:23975115	SSF x Far_LoA	-10,1789496	-0,017	0,312
CHR4	23975138	CHR4:23975138	SSF x Far_LoA	-9,82575786	-0,042	0,300
CHR4	23975196	CHR4:23975196	SSF x Far_LoA	-11,7945827	0,054	0,309
CHR4	23975201	CHR4:23975201	SSF x Far_LoA	-9,29535486	-0,033	0,304
CHR4	23989302	CHR4:23989302	SSF x Far_LoA	-10,2076391	-0,037	0,303
CHR4	23989321	CHR4:23989321	SSF x Far_LoA	-11,5892058	0,009	0,315
CHR4	23989376	CHR4:23989376	SSF x Far_LoA	-8,72994386	-0,046	0,301
CHR4	23989384	CHR4:23989384	SSF x Far_LoA	-8,63371907	0,066	0,300
CHR4	23989405	CHR4:23989405	SSF x Far_LoA	-10,9128182	-0,074	0,298
CHR4	23989408	CHR4:23989408	SSF x Far_LoA	-8,41083222	-0,023	0,303
CHR4	23990850	CHR4:23990850	SSF x Far_LoA	-9,70504234	-0,054	0,305
CHR4	23990913	CHR4:23990913	SSF x Far_LoA	-9,17962783	-0,003	0,306
CHR4	23990916	CHR4:23990916	SSF x Far_LoA	-10,0189161	0,030	0,311
CHR4	23990932	CHR4:23990932	SSF x Far_LoA	-10,8320997	-0,024	0,300
CHR4	23990937	CHR4:23990937	SSF x Far_LoA	-9,69159501	-0,016	0,301
CHR4	23992519	CHR4:23992519	SSF x Far_LoA	-8,03736098	-0,110	0,308
CHR4	23992532	CHR4:23992532	SSF x Far_LoA	-6,93933552	-0,129	0,304
CHR4	24007204	CHR4:24007204	SSF x Far_LoA	-8,9963873	0,065	0,304
CHR4	24007208	CHR4:24007208	SSF x Far_LoA	-9,5123767	-0,053	0,308
CHR4	24007231	CHR4:24007231	SSF x Far_LoA	-3,48179832	-0,094	0,315
CHR4	24009820	CHR4:24009820	SSF x Far_LoA	-9,22347825	0,097	0,297
CHR4	24009913	CHR4:24009913	SSF x Far_LoA	-8,12328467	-0,175	0,299
CHR4	24011565	CHR4:24011565	SSF x Far_LoA	-8,94534564	-0,050	0,316
CHR4	24013461	CHR4:24013461	SSF x Far_LoA	-7,35599409	-0,126	0,307
CHR4	24013474	CHR4:24013474	SSF x Far_LoA	-7,72437301	0,199	0,295
CHR4	24013503	CHR4:24013503	SSF x Far_LoA	-8,94221745	-0,119	0,295
CHR4	24013592	CHR4:24013592	SSF x Far_LoA	-7,58828676	-0,072	0,305
CHR4	24015254	CHR4:24015254	SSF x Far_LoA	-10,6925159	-0,065	0,310
CHR4	24015359	CHR4:24015359	SSF x Far_LoA	-9,99872363	0,078	0,304
CHR4	24015374	CHR4:24015374	SSF x Far_LoA	-8,75444421	-0,090	0,306
CHR4	24019430	CHR4:24019430	SSF x Far_LoA	-10,1244513	0,074	0,314
CHR4	24019504	CHR4:24019504	SSF x Far_LoA	-10,9154589	-0,058	0,326
CHR4	24019566	CHR4:24019566	SSF x Far_LoA	-6,57833304	0,126	0,316
CHR4	24019680	CHR4:24019680	SSF x Far_LoA	-9,00634208	0,004	0,320
CHR4	24053136	CHR4:24053136	SSF x Far_LoA	-9,59091396	-0,021	0,317
CHR4	24057063	CHR4:24057063	SSF x Far_LoA	-10,48952	-0,061	0,318

CHR4	24066766	CHR4:24066766	SSF x Far_LoA	-8,96097111	0,030	0,307
CHR4	24066825	CHR4:24066825	SSF x Far_LoA	-10,274623	0,007	0,327
CHR4	24066880	CHR4:24066880	SSF x Far_LoA	-11,7000628	0,004	0,307
CHR4	24067019	CHR4:24067019	SSF x Far_LoA	-6,49389834	0,151	0,297
CHR4	24072791	CHR4:24072791	SSF x Far_LoA	-9,37052932	-0,065	0,310
CHR4	24072866	CHR4:24072866	SSF x Far_LoA	-7,99847978	-0,092	0,303
CHR4	24072872	CHR4:24072872	SSF x Far_LoA	-8,49745487	0,180	0,289
CHR4	24072883	CHR4:24072883	SSF x Far_LoA	-9,0702398	-0,020	0,312
CHR4	2408508	CHR4:2408508	SSF x Far_LoA	-8,38378783	0,128	0,307
CHR4	24090495	CHR4:24090495	SSF x Far_LoA	-11,0719037	-0,092	0,310
CHR4	24090619	CHR4:24090619	SSF x Far_LoA	-12,1157096	0,012	0,295
CHR4	24094851	CHR4:24094851	SSF x Far_LoA	-8,86028366	-0,128	0,312
CHR4	24104394	CHR4:24104394	SSF x Far_LoA	-8,50854686	-0,155	0,290
CHR4	24104442	CHR4:24104442	SSF x Far_LoA	-9,80217107	0,045	0,308
CHR4	24104488	CHR4:24104488	SSF x Far_LoA	-8,65867119	0,145	0,306
CHR4	24120926	CHR4:24120926	SSF x Far_LoA	-10,8753685	-0,069	0,300
CHR4	24120953	CHR4:24120953	SSF x Far_LoA	-7,30638002	-0,121	0,304
CHR4	24153230	CHR4:24153230	SSF x Far_LoA	-11,04365	-0,006	0,311
CHR4	24159764	CHR4:24159764	SSF x Far_LoA	-11,0029916	-0,012	0,305
CHR4	24169020	CHR4:24169020	SSF x Far_LoA	-8,88372244	0,038	0,310
CHR4	24178454	CHR4:24178454	SSF x Far_LoA	-10,2040273	-0,055	0,300
CHR4	24178563	CHR4:24178563	SSF x Far_LoA	-11,3942448	0,051	0,311
CHR4	24178576	CHR4:24178576	SSF x Far_LoA	-9,47130371	0,049	0,296
CHR4	2418563	CHR4:2418563	SSF x Far_LoA	-10,3710245	0,152	0,291
CHR4	2418583	CHR4:2418583	SSF x Far_LoA	-10,4649789	-0,007	0,305
CHR4	24188135	CHR4:24188135	SSF x Far_LoA	-6,56043425	0,143	0,309
CHR4	2419325	CHR4:2419325	SSF x Far_LoA	-10,0119726	-0,055	0,296
CHR4	2419330	CHR4:2419330	SSF x Far_LoA	-8,28008938	0,050	0,317
CHR4	2419371	CHR4:2419371	SSF x Far_LoA	-9,63763547	-0,065	0,300
CHR4	2419408	CHR4:2419408	SSF x Far_LoA	-7,2261953	0,056	0,298
CHR4	2419411	CHR4:2419411	SSF x Far_LoA	-10,1169869	0,015	0,298
CHR4	24202521	CHR4:24202521	SSF x Far_LoA	-5,88987106	-0,124	0,290
CHR4	24202599	CHR4:24202599	SSF x Far_LoA	-9,62567549	0,092	0,310
CHR4	24203025	CHR4:24203025	SSF x Far_LoA	-6,09856043	0,111	0,309
CHR4	2420942	CHR4:2420942	SSF x Far_LoA	-10,282748	0,078	0,299
CHR4	2420949	CHR4:2420949	SSF x Far_LoA	-11,0986909	0,061	0,307
CHR4	2420977	CHR4:2420977	SSF x Far_LoA	-9,0957256	0,114	0,309
CHR4	2421127	CHR4:2421127	SSF x Far_LoA	-9,13652984	0,058	0,304
CHR4	2421170	CHR4:2421170	SSF x Far_LoA	-6,27261226	-0,003	0,310
CHR4	24215765	CHR4:24215765	SSF x Far_LoA	-2,55252489	0,148	0,300
CHR4	24215862	CHR4:24215862	SSF x Far_LoA	-7,06161583	0,116	0,304
CHR4	24215935	CHR4:24215935	SSF x Far_LoA	-8,52736001	0,116	0,299
CHR4	24215937	CHR4:24215937	SSF x Far_LoA	0,13908765	0,163	0,304
CHR4	24215953	CHR4:24215953	SSF x Far_LoA	-6,70145292	0,155	0,295
CHR4	24216699	CHR4:24216699	SSF x Far_LoA	-10,8116945	0,044	0,304
CHR4	24216946	CHR4:24216946	SSF x Far_LoA	-9,18366393	0,057	0,306
CHR4	24218922	CHR4:24218922	SSF x Far_LoA	-8,58334727	0,023	0,312
CHR4	24218976	CHR4:24218976	SSF x Far_LoA	-12,2106802	0,077	0,301
CHR4	24227089	CHR4:24227089	SSF x Far_LoA	-9,4979976	-0,140	0,296
CHR4	24227092	CHR4:24227092	SSF x Far_LoA	-6,84575854	-0,175	0,300
CHR4	24244812	CHR4:24244812	SSF x Far_LoA	-9,08243105	-0,015	0,311
CHR4	24245096	CHR4:24245096	SSF x Far_LoA	-8,80481391	0,039	0,333
CHR4	2424837	CHR4:2424837	SSF x Far_LoA	-7,89928089	-0,100	0,295

CHR4	2424891	CHR4:2424891	SSF x Far_LoA	-10,6082267	0,086	0,297
CHR4	2424959	CHR4:2424959	SSF x Far_LoA	-10,1910859	0,024	0,306
CHR4	2424963	CHR4:2424963	SSF x Far_LoA	-8,41674581	0,095	0,298
CHR4	2424973	CHR4:2424973	SSF x Far_LoA	-10,8964128	0,150	0,286
CHR4	2424983	CHR4:2424983	SSF x Far_LoA	-11,9916849	-0,007	0,313
CHR4	2424999	CHR4:2424999	SSF x Far_LoA	-2,93607671	0,015	0,302
CHR4	24272901	CHR4:24272901	SSF x Far_LoA	-8,52379554	-0,084	0,316
CHR4	24273049	CHR4:24273049	SSF x Far_LoA	-8,39969952	0,028	0,316
CHR4	24282222	CHR4:24282222	SSF x Far_LoA	-10,0659136	-0,088	0,305
CHR4	24282468	CHR4:24282468	SSF x Far_LoA	-9,99765826	-0,095	0,291
CHR4	24283689	CHR4:24283689	SSF x Far_LoA	-9,02417705	-0,097	0,302
CHR4	24288222	CHR4:24288222	SSF x Far_LoA	-11,0154488	-0,105	0,316
CHR4	24288232	CHR4:24288232	SSF x Far_LoA	-7,99290012	-0,088	0,326
CHR4	24288278	CHR4:24288278	SSF x Far_LoA	-9,16036572	0,034	0,301
CHR4	24288299	CHR4:24288299	SSF x Far_LoA	-9,27900616	0,044	0,291
CHR4	24288378	CHR4:24288378	SSF x Far_LoA	-9,59846446	-0,091	0,318
CHR4	24293527	CHR4:24293527	SSF x Far_LoA	-6,97800527	-0,072	0,304
CHR4	24293601	CHR4:24293601	SSF x Far_LoA	-8,72031357	-0,014	0,292
CHR4	24302640	CHR4:24302640	SSF x Far_LoA	-11,1099525	0,092	0,298
CHR4	24302644	CHR4:24302644	SSF x Far_LoA	-8,03625583	-0,003	0,324
CHR4	24307876	CHR4:24307876	SSF x Far_LoA	-9,14955586	0,089	0,296
CHR4	24316967	CHR4:24316967	SSF x Far_LoA	-9,19188114	0,021	0,291
CHR4	24318539	CHR4:24318539	SSF x Far_LoA	-7,17252832	0,026	0,299
CHR4	24318607	CHR4:24318607	SSF x Far_LoA	-9,63386453	-0,076	0,309
CHR4	24333426	CHR4:24333426	SSF x Far_LoA	-9,32466064	0,033	0,305
CHR4	24333439	CHR4:24333439	SSF x Far_LoA	-9,46084761	-0,035	0,288
CHR4	24333531	CHR4:24333531	SSF x Far_LoA	-9,71366265	0,021	0,289
CHR4	24337138	CHR4:24337138	SSF x Far_LoA	-8,9649072	-0,010	0,299
CHR4	2436092	CHR4:2436092	SSF x Far_LoA	-7,20939256	-0,079	0,323
CHR4	2436093	CHR4:2436093	SSF x Far_LoA	-9,77054621	-0,091	0,313
CHR4	2436100	CHR4:2436100	SSF x Far_LoA	-10,1672963	-0,096	0,289
CHR4	2436114	CHR4:2436114	SSF x Far_LoA	-9,70466388	-0,026	0,301
CHR4	2436143	CHR4:2436143	SSF x Far_LoA	-11,1629947	-0,012	0,316
CHR4	2436189	CHR4:2436189	SSF x Far_LoA	-11,9430439	0,076	0,306
CHR4	24370641	CHR4:24370641	SSF x Far_LoA	-9,73100701	0,101	0,315
CHR4	24370643	CHR4:24370643	SSF x Far_LoA	-6,73706886	0,125	0,300
CHR4	24373859	CHR4:24373859	SSF x Far_LoA	-10,8539642	-0,033	0,306
CHR4	2440670	CHR4:2440670	SSF x Far_LoA	-9,72360215	0,005	0,315
CHR4	24422814	CHR4:24422814	SSF x Far_LoA	-9,13746217	0,028	0,308
CHR4	24444995	CHR4:24444995	SSF x Far_LoA	-11,4505179	-0,005	0,303
CHR4	24445198	CHR4:24445198	SSF x Far_LoA	-9,15515349	0,063	0,321
CHR4	24445204	CHR4:24445204	SSF x Far_LoA	-8,46589592	0,079	0,296
CHR4	24449174	CHR4:24449174	SSF x Far_LoA	-9,50526864	0,038	0,302
CHR4	24450946	CHR4:24450946	SSF x Far_LoA	-8,79912024	-0,086	0,304
CHR4	24450953	CHR4:24450953	SSF x Far_LoA	-8,38223319	0,078	0,312
CHR4	24465618	CHR4:24465618	SSF x Far_LoA	-8,8544426	-0,047	0,319
CHR4	24465712	CHR4:24465712	SSF x Far_LoA	-9,71816214	-0,094	0,313
CHR4	24465722	CHR4:24465722	SSF x Far_LoA	-9,08376691	0,094	0,327
CHR4	24478331	CHR4:24478331	SSF x Far_LoA	-9,50150271	-0,026	0,311
CHR4	24478418	CHR4:24478418	SSF x Far_LoA	-9,3861579	-0,064	0,319
CHR4	24478556	CHR4:24478556	SSF x Far_LoA	-9,55927762	0,084	0,311
CHR4	24480813	CHR4:24480813	SSF x Far_LoA	-12,0380651	0,005	0,308
CHR4	24487512	CHR4:24487512	SSF x Far_LoA	-10,7262274	0,012	0,298

CHR4	24506259	CHR4:24506259	SSF x Far_LoA	-8,2089965	-0,134	0,300
CHR4	24506279	CHR4:24506279	SSF x Far_LoA	-11,1938201	-0,022	0,299
CHR4	24527490	CHR4:24527490	SSF x Far_LoA	-7,495795	0,012	0,309
CHR4	24527545	CHR4:24527545	SSF x Far_LoA	-9,69120676	-0,044	0,294
CHR4	24530827	CHR4:24530827	SSF x Far_LoA	-10,5217071	-0,010	0,314
CHR4	24530830	CHR4:24530830	SSF x Far_LoA	-8,61082986	0,117	0,303
CHR4	24530889	CHR4:24530889	SSF x Far_LoA	-6,04279255	-0,103	0,307
CHR4	24530902	CHR4:24530902	SSF x Far_LoA	-8,88718854	-0,045	0,303
CHR4	24533510	CHR4:24533510	SSF x Far_LoA	-8,65035212	0,052	0,293
CHR4	24533608	CHR4:24533608	SSF x Far_LoA	-6,97072178	0,129	0,296
CHR4	24541096	CHR4:24541096	SSF x Far_LoA	-6,12180101	-0,085	0,306
CHR4	24541189	CHR4:24541189	SSF x Far_LoA	-8,38661676	-0,055	0,294
CHR4	24548161	CHR4:24548161	SSF x Far_LoA	-8,82442653	-0,028	0,296
CHR4	24557448	CHR4:24557448	SSF x Far_LoA	-5,53463819	-0,115	0,311
CHR4	24557463	CHR4:24557463	SSF x Far_LoA	-7,99771736	0,154	0,308
CHR4	24557471	CHR4:24557471	SSF x Far_LoA	-9,2505303	0,057	0,304
CHR4	24557486	CHR4:24557486	SSF x Far_LoA	-5,36792424	0,113	0,302
CHR4	24557487	CHR4:24557487	SSF x Far_LoA	-10,0646776	-0,125	0,310
CHR4	24563693	CHR4:24563693	SSF x Far_LoA	-9,84401389	0,144	0,297
CHR4	24563843	CHR4:24563843	SSF x Far_LoA	-11,2726335	-0,069	0,300
CHR4	24563848	CHR4:24563848	SSF x Far_LoA	-8,7284926	0,145	0,292
CHR4	2456755	CHR4:2456755	SSF x Far_LoA	-5,56840504	0,154	0,300
CHR4	2456822	CHR4:2456822	SSF x Far_LoA	-11,0353314	-0,050	0,306
CHR4	2456919	CHR4:2456919	SSF x Far_LoA	-11,0674921	-0,036	0,299
CHR4	2457036	CHR4:2457036	SSF x Far_LoA	-9,95037721	0,085	0,296
CHR4	2457060	CHR4:2457060	SSF x Far_LoA	-8,32702504	-0,071	0,307
CHR4	2457072	CHR4:2457072	SSF x Far_LoA	-8,59569383	0,005	0,309
CHR4	24583924	CHR4:24583924	SSF x Far_LoA	-7,23114258	-0,029	0,326
CHR4	24583959	CHR4:24583959	SSF x Far_LoA	-10,7955527	-0,064	0,304
CHR4	24583968	CHR4:24583968	SSF x Far_LoA	-8,37154304	-0,085	0,313
CHR4	24583987	CHR4:24583987	SSF x Far_LoA	-8,94925597	0,076	0,320
CHR4	24583991	CHR4:24583991	SSF x Far_LoA	-10,9863136	-0,053	0,320
CHR4	24596257	CHR4:24596257	SSF x Far_LoA	-10,5087353	0,026	0,307
CHR4	24596324	CHR4:24596324	SSF x Far_LoA	-10,5031393	-0,068	0,314
CHR4	24600475	CHR4:24600475	SSF x Far_LoA	-5,8748382	0,173	0,295
CHR4	24600482	CHR4:24600482	SSF x Far_LoA	-9,12949789	-0,112	0,306
CHR4	24600546	CHR4:24600546	SSF x Far_LoA	-8,94244901	0,089	0,301
CHR4	24600581	CHR4:24600581	SSF x Far_LoA	-11,1929768	-0,015	0,314
CHR4	24607642	CHR4:24607642	SSF x Far_LoA	-6,30169052	-0,035	0,314
CHR4	24607741	CHR4:24607741	SSF x Far_LoA	-7,99617594	-0,102	0,308
CHR4	24607796	CHR4:24607796	SSF x Far_LoA	-8,68364181	-0,123	0,300
CHR4	24612156	CHR4:24612156	SSF x Far_LoA	-10,8565443	-0,092	0,303
CHR4	2461723	CHR4:2461723	SSF x Far_LoA	-10,9703795	0,090	0,301
CHR4	24620054	CHR4:24620054	SSF x Far_LoA	-8,26417245	0,111	0,296
CHR4	24620144	CHR4:24620144	SSF x Far_LoA	-9,01466199	-0,083	0,307
CHR4	2462999	CHR4:2462999	SSF x Far_LoA	-5,16958638	-0,060	0,305
CHR4	2463014	CHR4:2463014	SSF x Far_LoA	-10,8110462	0,032	0,302
CHR4	2463049	CHR4:2463049	SSF x Far_LoA	-10,629812	-0,018	0,309
CHR4	2463055	CHR4:2463055	SSF x Far_LoA	-4,19815013	0,002	0,314
CHR4	2463072	CHR4:2463072	SSF x Far_LoA	-9,8766369	0,015	0,308
CHR4	24632137	CHR4:24632137	SSF x Far_LoA	-6,44100859	-0,205	0,294
CHR4	24655158	CHR4:24655158	SSF x Far_LoA	-7,9659894	-0,069	0,303
CHR4	24655251	CHR4:24655251	SSF x Far_LoA	-6,50287926	0,099	0,319

CHR4	24668616	CHR4:24668616	SSF x Far_LoA	-10,2841609	-0,080	0,313
CHR4	24668626	CHR4:24668626	SSF x Far_LoA	-9,27113632	-0,020	0,298
CHR4	24668639	CHR4:24668639	SSF x Far_LoA	-10,197239	-0,079	0,324
CHR4	24668675	CHR4:24668675	SSF x Far_LoA	-8,06413575	-0,133	0,298
CHR4	24668901	CHR4:24668901	SSF x Far_LoA	-10,5015286	-0,047	0,313
CHR4	24677992	CHR4:24677992	SSF x Far_LoA	3,74590586	-0,266	0,277
CHR4	24678422	CHR4:24678422	SSF x Far_LoA	-9,88993356	0,110	0,304
CHR4	24696797	CHR4:24696797	SSF x Far_LoA	-10,3818253	0,071	0,313
CHR4	24696933	CHR4:24696933	SSF x Far_LoA	-7,51205643	0,203	0,287
CHR4	24721608	CHR4:24721608	SSF x Far_LoA	-9,66047723	-0,146	0,290
CHR4	24721609	CHR4:24721609	SSF x Far_LoA	-9,01667976	-0,037	0,318
CHR4	24750200	CHR4:24750200	SSF x Far_LoA	-7,50439175	-0,061	0,314
CHR4	24750214	CHR4:24750214	SSF x Far_LoA	-9,33693231	0,089	0,323
CHR4	2475503	CHR4:2475503	SSF x Far_LoA	-9,36922907	-0,002	0,305
CHR4	2475547	CHR4:2475547	SSF x Far_LoA	-9,26476408	0,033	0,308
CHR4	2475567	CHR4:2475567	SSF x Far_LoA	-11,4242433	0,072	0,296
CHR4	2475596	CHR4:2475596	SSF x Far_LoA	5,21927092	0,071	0,315
CHR4	24755978	CHR4:24755978	SSF x Far_LoA	-0,18226572	-0,016	0,301
CHR4	24756167	CHR4:24756167	SSF x Far_LoA	-11,5088866	0,052	0,302
CHR4	24756183	CHR4:24756183	SSF x Far_LoA	-9,73838886	0,040	0,314
CHR4	24756198	CHR4:24756198	SSF x Far_LoA	-11,3222571	0,024	0,314
CHR4	24756217	CHR4:24756217	SSF x Far_LoA	-9,99749796	-0,024	0,317
CHR4	24756220	CHR4:24756220	SSF x Far_LoA	-11,3694891	0,047	0,308
CHR4	24756263	CHR4:24756263	SSF x Far_LoA	-1,96204101	-0,003	0,319
CHR4	24756275	CHR4:24756275	SSF x Far_LoA	-10,2455637	0,106	0,311
CHR4	24757154	CHR4:24757154	SSF x Far_LoA	-8,10497354	-0,075	0,315
CHR4	24765272	CHR4:24765272	SSF x Far_LoA	-10,8826125	-0,080	0,296
CHR4	24765289	CHR4:24765289	SSF x Far_LoA	-9,67706161	0,096	0,306
CHR4	24765507	CHR4:24765507	SSF x Far_LoA	-10,9969447	0,094	0,317
CHR4	24765576	CHR4:24765576	SSF x Far_LoA	-9,61974343	0,075	0,312
CHR4	24770704	CHR4:24770704	SSF x Far_LoA	-10,4015565	0,073	0,307
CHR4	24770750	CHR4:24770750	SSF x Far_LoA	-7,92426344	0,006	0,309
CHR4	24770759	CHR4:24770759	SSF x Far_LoA	-10,3507179	0,089	0,295
CHR4	24770761	CHR4:24770761	SSF x Far_LoA	-8,59107771	-0,028	0,307
CHR4	24775704	CHR4:24775704	SSF x Far_LoA	-12,355059	-0,018	0,301
CHR4	24775831	CHR4:24775831	SSF x Far_LoA	-8,85904933	0,083	0,309
CHR4	24775843	CHR4:24775843	SSF x Far_LoA	-10,4419034	0,017	0,312
CHR4	24775909	CHR4:24775909	SSF x Far_LoA	-5,24069879	0,004	0,299
CHR4	24781806	CHR4:24781806	SSF x Far_LoA	-11,325204	0,045	0,315
CHR4	24797574	CHR4:24797574	SSF x Far_LoA	-9,08984285	-0,025	0,303
CHR4	24797630	CHR4:24797630	SSF x Far_LoA	-10,5915531	-0,019	0,303
CHR4	24797692	CHR4:24797692	SSF x Far_LoA	-10,8053759	-0,006	0,306
CHR4	24835116	CHR4:24835116	SSF x Far_LoA	-9,07383572	0,044	0,302
CHR4	24860136	CHR4:24860136	SSF x Far_LoA	-8,51487458	0,039	0,309
CHR4	24860363	CHR4:24860363	SSF x Far_LoA	-8,6261681	0,036	0,300
CHR4	24865556	CHR4:24865556	SSF x Far_LoA	-2,93175071	-0,031	0,290
CHR4	248657	CHR4:248657	SSF x Far_LoA	-9,56369667	0,030	0,310
CHR4	24874887	CHR4:24874887	SSF x Far_LoA	-6,47076385	0,027	0,323
CHR4	24902080	CHR4:24902080	SSF x Far_LoA	-9,44831473	0,010	0,327
CHR4	2492841	CHR4:2492841	SSF x Far_LoA	-2,24959966	0,066	0,302
CHR4	2492939	CHR4:2492939	SSF x Far_LoA	-6,65226779	0,202	0,281
CHR4	2493009	CHR4:2493009	SSF x Far_LoA	-8,81657957	-0,062	0,319
CHR4	24943859	CHR4:24943859	SSF x Far_LoA	-6,85376538	0,003	0,304

CHR4	24944583	CHR4:24944583	SSF x Far_LoA	-7,26978727	0,024	0,312
CHR4	24952908	CHR4:24952908	SSF x Far_LoA	-4,03657784	0,015	0,299
CHR4	24953034	CHR4:24953034	SSF x Far_LoA	-8,82617788	0,055	0,305
CHR4	24995342	CHR4:24995342	SSF x Far_LoA	-8,19314984	-0,101	0,304
CHR4	24995355	CHR4:24995355	SSF x Far_LoA	-9,67119259	0,007	0,307
CHR4	24995356	CHR4:24995356	SSF x Far_LoA	-10,123657	0,021	0,306
CHR4	2499739	CHR4:2499739	SSF x Far_LoA	-9,02626923	0,083	0,302
CHR4	2502403	CHR4:2502403	SSF x Far_LoA	-8,20350722	0,076	0,312
CHR4	2502434	CHR4:2502434	SSF x Far_LoA	-9,02514649	0,075	0,298
CHR4	25056281	CHR4:25056281	SSF x Far_LoA	-7,14448785	-0,164	0,296
CHR4	25056319	CHR4:25056319	SSF x Far_LoA	-8,68677551	-0,184	0,307
CHR4	25056527	CHR4:25056527	SSF x Far_LoA	-10,7855105	0,105	0,299
CHR4	2505951	CHR4:2505951	SSF x Far_LoA	-10,4439006	-0,036	0,316
CHR4	2505957	CHR4:2505957	SSF x Far_LoA	-9,72732211	-0,083	0,316
CHR4	2506052	CHR4:2506052	SSF x Far_LoA	-8,99628889	0,036	0,305
CHR4	25061032	CHR4:25061032	SSF x Far_LoA	-11,161491	-0,076	0,316
CHR4	25061264	CHR4:25061264	SSF x Far_LoA	-8,26358849	-0,063	0,301
CHR4	25061277	CHR4:25061277	SSF x Far_LoA	-10,6474653	-0,049	0,308
CHR4	25061285	CHR4:25061285	SSF x Far_LoA	-8,96626911	0,084	0,309
CHR4	2506239	CHR4:2506239	SSF x Far_LoA	1,80321331	-0,203	0,319
CHR4	2506273	CHR4:2506273	SSF x Far_LoA	-9,42444358	0,079	0,284
CHR4	25098288	CHR4:25098288	SSF x Far_LoA	-9,0804302	-0,054	0,304
CHR4	25098300	CHR4:25098300	SSF x Far_LoA	-10,2534715	-0,036	0,302
CHR4	25098460	CHR4:25098460	SSF x Far_LoA	-11,3785294	0,037	0,306
CHR4	25098534	CHR4:25098534	SSF x Far_LoA	-7,77793528	-0,022	0,323
CHR4	25110548	CHR4:25110548	SSF x Far_LoA	-8,32662271	-0,077	0,317
CHR4	25115208	CHR4:25115208	SSF x Far_LoA	-7,10231035	-0,119	0,312
CHR4	25121562	CHR4:25121562	SSF x Far_LoA	-10,0472192	0,123	0,303
CHR4	25121597	CHR4:25121597	SSF x Far_LoA	-7,18226321	-0,155	0,311
CHR4	25122781	CHR4:25122781	SSF x Far_LoA	-7,46806643	0,134	0,292
CHR4	25122843	CHR4:25122843	SSF x Far_LoA	-8,23473231	-0,142	0,308
CHR4	25122931	CHR4:25122931	SSF x Far_LoA	-7,08432181	0,114	0,297
CHR4	2512685	CHR4:2512685	SSF x Far_LoA	-12,2970262	0,016	0,304
CHR4	25131332	CHR4:25131332	SSF x Far_LoA	-8,43907204	0,119	0,303
CHR4	25153854	CHR4:25153854	SSF x Far_LoA	-8,82944998	0,020	0,301
CHR4	25153896	CHR4:25153896	SSF x Far_LoA	-11,4041276	-0,063	0,322
CHR4	25153940	CHR4:25153940	SSF x Far_LoA	-6,0563076	-0,061	0,312
CHR4	25154009	CHR4:25154009	SSF x Far_LoA	-7,925823	0,139	0,302
CHR4	25156500	CHR4:25156500	SSF x Far_LoA	-7,96377943	0,084	0,303
CHR4	25156572	CHR4:25156572	SSF x Far_LoA	-8,1781478	-0,064	0,313
CHR4	25156616	CHR4:25156616	SSF x Far_LoA	-4,68167597	-0,121	0,300
CHR4	25156618	CHR4:25156618	SSF x Far_LoA	-7,06137573	-0,056	0,325
CHR4	25160089	CHR4:25160089	SSF x Far_LoA	-9,1168539	0,014	0,307
CHR4	25164815	CHR4:25164815	SSF x Far_LoA	-10,7161123	-0,023	0,296
CHR4	25164828	CHR4:25164828	SSF x Far_LoA	-8,12539415	-0,073	0,295
CHR4	25171770	CHR4:25171770	SSF x Far_LoA	-8,95828205	-0,067	0,308
CHR4	25171879	CHR4:25171879	SSF x Far_LoA	-8,60964353	-0,092	0,304
CHR4	25171897	CHR4:25171897	SSF x Far_LoA	-8,96111468	-0,050	0,305
CHR4	25171999	CHR4:25171999	SSF x Far_LoA	-11,4785341	-0,030	0,308
CHR4	25186403	CHR4:25186403	SSF x Far_LoA	-10,4847727	0,069	0,314
CHR4	25186404	CHR4:25186404	SSF x Far_LoA	-10,7156465	0,043	0,325
CHR4	25186535	CHR4:25186535	SSF x Far_LoA	-9,12197602	-0,045	0,319
CHR4	25186617	CHR4:25186617	SSF x Far_LoA	-7,08414734	0,015	0,300

CHR4	25223913	CHR4:25223913	SSF x Far_LoA	-8,26644083	-0,058	0,302
CHR4	25223951	CHR4:25223951	SSF x Far_LoA	-4,11301799	-0,108	0,315
CHR4	25223982	CHR4:25223982	SSF x Far_LoA	-9,9089838	-0,050	0,306
CHR4	25224060	CHR4:25224060	SSF x Far_LoA	-11,8342498	-0,026	0,308
CHR4	25230335	CHR4:25230335	SSF x Far_LoA	-9,76791346	-0,001	0,310
CHR4	25230350	CHR4:25230350	SSF x Far_LoA	-8,63044786	0,115	0,303
CHR4	25230351	CHR4:25230351	SSF x Far_LoA	-3,77417243	0,112	0,320
CHR4	25231610	CHR4:25231610	SSF x Far_LoA	-9,13096174	0,069	0,315
CHR4	25231653	CHR4:25231653	SSF x Far_LoA	-10,3797997	0,120	0,318
CHR4	25232528	CHR4:25232528	SSF x Far_LoA	-9,75965116	-0,052	0,301
CHR4	25256065	CHR4:25256065	SSF x Far_LoA	-7,61019133	-0,106	0,319
CHR4	25260071	CHR4:25260071	SSF x Far_LoA	-8,57371833	0,076	0,310
CHR4	25263598	CHR4:25263598	SSF x Far_LoA	-9,35447328	0,017	0,311
CHR4	25270608	CHR4:25270608	SSF x Far_LoA	-9,04784695	0,038	0,311
CHR4	25280605	CHR4:25280605	SSF x Far_LoA	-8,37399206	0,031	0,322
CHR4	25280716	CHR4:25280716	SSF x Far_LoA	-12,4339867	-0,034	0,302
CHR4	25280729	CHR4:25280729	SSF x Far_LoA	-8,55095475	0,108	0,307
CHR4	25280749	CHR4:25280749	SSF x Far_LoA	-11,3865303	-0,023	0,312
CHR4	25280751	CHR4:25280751	SSF x Far_LoA	-3,94771339	-0,095	0,307
CHR4	25280801	CHR4:25280801	SSF x Far_LoA	-8,08850079	-0,058	0,298
CHR4	25280802	CHR4:25280802	SSF x Far_LoA	-8,52290337	-0,116	0,315
CHR4	25280806	CHR4:25280806	SSF x Far_LoA	-8,75449172	-0,078	0,317
CHR4	25280814	CHR4:25280814	SSF x Far_LoA	-9,61202857	0,003	0,294
CHR4	25280816	CHR4:25280816	SSF x Far_LoA	-11,7671876	-0,018	0,304
CHR4	25287560	CHR4:25287560	SSF x Far_LoA	-9,35655678	-0,101	0,306
CHR4	25287623	CHR4:25287623	SSF x Far_LoA	-10,9832361	0,105	0,290
CHR4	25287664	CHR4:25287664	SSF x Far_LoA	-10,3828983	0,157	0,301
CHR4	25288183	CHR4:25288183	SSF x Far_LoA	-9,5145533	-0,019	0,305
CHR4	25288214	CHR4:25288214	SSF x Far_LoA	-10,5224665	0,011	0,306
CHR4	25288259	CHR4:25288259	SSF x Far_LoA	-11,2611779	0,062	0,308
CHR4	25289394	CHR4:25289394	SSF x Far_LoA	-6,75123272	0,160	0,300
CHR4	2529071	CHR4:2529071	SSF x Far_LoA	-8,89231437	-0,043	0,310
CHR4	2529088	CHR4:2529088	SSF x Far_LoA	-8,64330182	-0,055	0,299
CHR4	25295184	CHR4:25295184	SSF x Far_LoA	-7,39090297	0,149	0,300
CHR4	25301108	CHR4:25301108	SSF x Far_LoA	-11,5505624	-0,029	0,306
CHR4	25301114	CHR4:25301114	SSF x Far_LoA	-10,0002226	0,059	0,295
CHR4	25301120	CHR4:25301120	SSF x Far_LoA	-8,57475782	-0,060	0,312
CHR4	25301163	CHR4:25301163	SSF x Far_LoA	-9,618614	0,071	0,312
CHR4	25301174	CHR4:25301174	SSF x Far_LoA	-10,0297991	-0,006	0,302
CHR4	25301196	CHR4:25301196	SSF x Far_LoA	-8,1736672	-0,037	0,298
CHR4	25301199	CHR4:25301199	SSF x Far_LoA	-10,0434207	-0,058	0,302
CHR4	25313461	CHR4:25313461	SSF x Far_LoA	-11,2908372	-0,081	0,308
CHR4	25313510	CHR4:25313510	SSF x Far_LoA	-9,03707764	-0,088	0,321
CHR4	25313555	CHR4:25313555	SSF x Far_LoA	-9,99045407	0,084	0,301
CHR4	25313694	CHR4:25313694	SSF x Far_LoA	-10,2946891	0,132	0,295
CHR4	25315148	CHR4:25315148	SSF x Far_LoA	-8,87726981	-0,014	0,320
CHR4	2531740	CHR4:2531740	SSF x Far_LoA	-10,3269279	-0,017	0,311
CHR4	25320634	CHR4:25320634	SSF x Far_LoA	-9,35349595	-0,066	0,318
CHR4	25320695	CHR4:25320695	SSF x Far_LoA	-10,2156712	-0,055	0,309
CHR4	25324090	CHR4:25324090	SSF x Far_LoA	-11,4029026	0,074	0,297
CHR4	25324241	CHR4:25324241	SSF x Far_LoA	-11,4660627	-0,022	0,303
CHR4	25335072	CHR4:25335072	SSF x Far_LoA	-9,57405513	-0,083	0,298
CHR4	25335103	CHR4:25335103	SSF x Far_LoA	-8,08871716	-0,138	0,298

CHR4	25335106	CHR4:25335106	SSF x Far_LoA	-9,50244907	0,095	0,320
CHR4	25335183	CHR4:25335183	SSF x Far_LoA	-9,05576057	-0,027	0,292
CHR4	25335184	CHR4:25335184	SSF x Far_LoA	-6,54898285	-0,181	0,309
CHR4	25335187	CHR4:25335187	SSF x Far_LoA	-9,11733319	-0,141	0,307
CHR4	25338099	CHR4:25338099	SSF x Far_LoA	-7,7282332	0,008	0,316
CHR4	25339975	CHR4:25339975	SSF x Far_LoA	-9,89814714	-0,073	0,318
CHR4	25340016	CHR4:25340016	SSF x Far_LoA	-10,5228124	-0,079	0,309
CHR4	25340029	CHR4:25340029	SSF x Far_LoA	-9,21473445	-0,113	0,316
CHR4	25340096	CHR4:25340096	SSF x Far_LoA	-10,0652114	-0,070	0,303
CHR4	25340124	CHR4:25340124	SSF x Far_LoA	-8,68461828	0,019	0,314
CHR4	25347549	CHR4:25347549	SSF x Far_LoA	-9,44441769	-0,043	0,295
CHR4	25356721	CHR4:25356721	SSF x Far_LoA	-10,4222807	0,035	0,296
CHR4	25356731	CHR4:25356731	SSF x Far_LoA	-10,667881	0,017	0,313
CHR4	25357586	CHR4:25357586	SSF x Far_LoA	-11,5651964	-0,074	0,294
CHR4	25361841	CHR4:25361841	SSF x Far_LoA	-9,25405177	-0,003	0,323
CHR4	25361869	CHR4:25361869	SSF x Far_LoA	-11,0777739	-0,003	0,297
CHR4	25361938	CHR4:25361938	SSF x Far_LoA	-8,57219525	-0,068	0,323
CHR4	25361939	CHR4:25361939	SSF x Far_LoA	-8,98919681	-0,028	0,314
CHR4	25362067	CHR4:25362067	SSF x Far_LoA	-11,2653729	-0,014	0,302
CHR4	25369356	CHR4:25369356	SSF x Far_LoA	-10,4450251	-0,006	0,324
CHR4	25375215	CHR4:25375215	SSF x Far_LoA	-6,96594209	-0,047	0,318
CHR4	25375246	CHR4:25375246	SSF x Far_LoA	-9,08847015	0,092	0,311
CHR4	25375321	CHR4:25375321	SSF x Far_LoA	-9,48475071	0,032	0,294
CHR4	25392089	CHR4:25392089	SSF x Far_LoA	-8,82712968	-0,073	0,311
CHR4	25392117	CHR4:25392117	SSF x Far_LoA	-8,38731675	-0,101	0,303
CHR4	25392265	CHR4:25392265	SSF x Far_LoA	-7,29278624	0,100	0,296
CHR4	25392295	CHR4:25392295	SSF x Far_LoA	-9,93400879	0,059	0,307
CHR4	25397538	CHR4:25397538	SSF x Far_LoA	-7,64793561	-0,151	0,291
CHR4	25397623	CHR4:25397623	SSF x Far_LoA	-9,51163502	0,038	0,318
CHR4	25397674	CHR4:25397674	SSF x Far_LoA	-6,31207433	0,117	0,302
CHR4	25399805	CHR4:25399805	SSF x Far_LoA	-9,99886986	-0,048	0,312
CHR4	25399944	CHR4:25399944	SSF x Far_LoA	-3,81916255	-0,115	0,297
CHR4	25399981	CHR4:25399981	SSF x Far_LoA	-8,16113541	0,146	0,317
CHR4	25403144	CHR4:25403144	SSF x Far_LoA	-9,12784781	-0,020	0,311
CHR4	25403203	CHR4:25403203	SSF x Far_LoA	-7,63621997	-0,142	0,306
CHR4	25403215	CHR4:25403215	SSF x Far_LoA	-9,82014665	0,048	0,304
CHR4	25403221	CHR4:25403221	SSF x Far_LoA	-9,39584148	-0,058	0,307
CHR4	25404010	CHR4:25404010	SSF x Far_LoA	-10,0560865	0,045	0,318
CHR4	25404075	CHR4:25404075	SSF x Far_LoA	-7,81126438	0,091	0,288
CHR4	25404083	CHR4:25404083	SSF x Far_LoA	-10,1634407	-0,029	0,307
CHR4	25404149	CHR4:25404149	SSF x Far_LoA	-11,2313877	-0,007	0,309
CHR4	2540747	CHR4:2540747	SSF x Far_LoA	-8,80687792	0,126	0,303
CHR4	25418618	CHR4:25418618	SSF x Far_LoA	-8,96686465	-0,087	0,321
CHR4	25418624	CHR4:25418624	SSF x Far_LoA	-10,0378952	0,036	0,307
CHR4	25418627	CHR4:25418627	SSF x Far_LoA	-10,7042369	0,067	0,301
CHR4	25418633	CHR4:25418633	SSF x Far_LoA	-8,16089348	-0,101	0,301
CHR4	25418650	CHR4:25418650	SSF x Far_LoA	-10,8729737	0,079	0,302
CHR4	25418669	CHR4:25418669	SSF x Far_LoA	-7,76064101	-0,130	0,306
CHR4	25418674	CHR4:25418674	SSF x Far_LoA	-12,0553121	0,001	0,297
CHR4	25418681	CHR4:25418681	SSF x Far_LoA	-11,5699294	0,040	0,304
CHR4	25419344	CHR4:25419344	SSF x Far_LoA	-11,751478	0,022	0,310
CHR4	25428037	CHR4:25428037	SSF x Far_LoA	-6,5927913	0,147	0,311
CHR4	25428352	CHR4:25428352	SSF x Far_LoA	-3,88905807	-0,260	0,290

CHR4	25428473	CHR4:25428473	SSF x Far_LoA	-10,6177824	0,037	0,304
CHR4	25428509	CHR4:25428509	SSF x Far_LoA	-8,37397673	0,105	0,306
CHR4	25436363	CHR4:25436363	SSF x Far_LoA	-10,385406	-0,085	0,307
CHR4	25438127	CHR4:25438127	SSF x Far_LoA	-9,95270249	-0,101	0,310
CHR4	25438213	CHR4:25438213	SSF x Far_LoA	-5,29856884	0,220	0,306
CHR4	25438230	CHR4:25438230	SSF x Far_LoA	-10,2447654	-0,049	0,306
CHR4	25438278	CHR4:25438278	SSF x Far_LoA	-10,603856	0,020	0,301
CHR4	25438294	CHR4:25438294	SSF x Far_LoA	-8,7731043	-0,163	0,300
CHR4	25442411	CHR4:25442411	SSF x Far_LoA	-11,1508415	-0,109	0,302
CHR4	25443391	CHR4:25443391	SSF x Far_LoA	-9,82243192	0,111	0,297
CHR4	25443401	CHR4:25443401	SSF x Far_LoA	-9,68506293	-0,028	0,291
CHR4	25450450	CHR4:25450450	SSF x Far_LoA	-8,42965025	0,021	0,305
CHR4	25450624	CHR4:25450624	SSF x Far_LoA	-10,4118844	0,003	0,307
CHR4	2545440	CHR4:2545440	SSF x Far_LoA	-9,2782958	-0,092	0,315
CHR4	25460097	CHR4:25460097	SSF x Far_LoA	-8,70019114	0,011	0,309
CHR4	25460192	CHR4:25460192	SSF x Far_LoA	-11,0270656	0,063	0,297
CHR4	25465796	CHR4:25465796	SSF x Far_LoA	6,58841059	0,006	0,322
CHR4	25465821	CHR4:25465821	SSF x Far_LoA	-5,03029951	-0,133	0,314
CHR4	25470626	CHR4:25470626	SSF x Far_LoA	-9,78614973	-0,072	0,303
CHR4	25470936	CHR4:25470936	SSF x Far_LoA	-8,53664034	-0,094	0,296
CHR4	25470968	CHR4:25470968	SSF x Far_LoA	-9,35682173	-0,044	0,298
CHR4	25470976	CHR4:25470976	SSF x Far_LoA	-9,82657025	0,018	0,330
CHR4	25470982	CHR4:25470982	SSF x Far_LoA	-7,2663464	0,070	0,314
CHR4	25470994	CHR4:25470994	SSF x Far_LoA	-11,2022481	0,079	0,318
CHR4	25470999	CHR4:25470999	SSF x Far_LoA	-9,77414929	0,090	0,321
CHR4	25471046	CHR4:25471046	SSF x Far_LoA	-9,12398766	-0,019	0,291
CHR4	25477507	CHR4:25477507	SSF x Far_LoA	-9,16855208	-0,102	0,309
CHR4	25477559	CHR4:25477559	SSF x Far_LoA	-9,6613611	0,003	0,310
CHR4	25477594	CHR4:25477594	SSF x Far_LoA	-10,4365038	-0,055	0,293
CHR4	25477673	CHR4:25477673	SSF x Far_LoA	-10,4774427	-0,016	0,309
CHR4	25502849	CHR4:25502849	SSF x Far_LoA	-9,59146999	-0,033	0,312
CHR4	25502874	CHR4:25502874	SSF x Far_LoA	-10,3075006	-0,032	0,315
CHR4	25502934	CHR4:25502934	SSF x Far_LoA	-11,5110166	0,013	0,301
CHR4	25502935	CHR4:25502935	SSF x Far_LoA	-5,86055812	-0,113	0,311
CHR4	25503218	CHR4:25503218	SSF x Far_LoA	-8,32386154	-0,118	0,310
CHR4	25503242	CHR4:25503242	SSF x Far_LoA	-8,22858905	-0,092	0,314
CHR4	25503250	CHR4:25503250	SSF x Far_LoA	-7,93181082	-0,104	0,305
CHR4	25503270	CHR4:25503270	SSF x Far_LoA	-8,62310121	-0,111	0,300
CHR4	25503299	CHR4:25503299	SSF x Far_LoA	-8,76915305	0,071	0,298
CHR4	25510706	CHR4:25510706	SSF x Far_LoA	-6,82322417	0,061	0,311
CHR4	25513055	CHR4:25513055	SSF x Far_LoA	-10,5983987	0,031	0,307
CHR4	25517323	CHR4:25517323	SSF x Far_LoA	-9,35257821	-0,066	0,307
CHR4	25517377	CHR4:25517377	SSF x Far_LoA	-10,0936419	0,049	0,303
CHR4	25517396	CHR4:25517396	SSF x Far_LoA	-11,3283481	-0,056	0,302
CHR4	25517412	CHR4:25517412	SSF x Far_LoA	-6,52412682	0,141	0,300
CHR4	25517415	CHR4:25517415	SSF x Far_LoA	-11,559348	-0,002	0,302
CHR4	2552024	CHR4:2552024	SSF x Far_LoA	-9,8857099	0,048	0,297
CHR4	2552077	CHR4:2552077	SSF x Far_LoA	-5,16489109	-0,121	0,312
CHR4	2552082	CHR4:2552082	SSF x Far_LoA	-10,3269212	0,051	0,303
CHR4	25521733	CHR4:25521733	SSF x Far_LoA	-7,2363044	-0,020	0,312
CHR4	25521743	CHR4:25521743	SSF x Far_LoA	-6,42276927	-0,075	0,308
CHR4	25521753	CHR4:25521753	SSF x Far_LoA	-9,20854596	-0,072	0,304
CHR4	25521768	CHR4:25521768	SSF x Far_LoA	-11,9225633	-0,016	0,302

CHR4	25521770	CHR4:25521770	SSF x Far_LoA	-10,919119	0,050	0,304
CHR4	25521774	CHR4:25521774	SSF x Far_LoA	-10,9240567	-0,018	0,315
CHR4	25522201	CHR4:25522201	SSF x Far_LoA	-5,35162517	0,139	0,301
CHR4	25522249	CHR4:25522249	SSF x Far_LoA	-7,41932424	-0,161	0,309
CHR4	25522273	CHR4:25522273	SSF x Far_LoA	-6,55609765	0,161	0,287
CHR4	25524542	CHR4:25524542	SSF x Far_LoA	-6,82802858	-0,117	0,315
CHR4	25524602	CHR4:25524602	SSF x Far_LoA	-8,87786274	0,050	0,309
CHR4	25525327	CHR4:25525327	SSF x Far_LoA	-9,63162942	-0,066	0,314
CHR4	25525381	CHR4:25525381	SSF x Far_LoA	-10,2542295	0,028	0,301
CHR4	25531607	CHR4:25531607	SSF x Far_LoA	-8,8027129	-0,077	0,319
CHR4	25531725	CHR4:25531725	SSF x Far_LoA	-9,51594811	0,032	0,314
CHR4	25531872	CHR4:25531872	SSF x Far_LoA	-7,37746225	-0,126	0,300
CHR4	2553778	CHR4:2553778	SSF x Far_LoA	-9,41839109	0,017	0,308
CHR4	2553803	CHR4:2553803	SSF x Far_LoA	-9,60982316	0,065	0,303
CHR4	25542951	CHR4:25542951	SSF x Far_LoA	-10,9031739	0,003	0,300
CHR4	25542958	CHR4:25542958	SSF x Far_LoA	-10,0267343	-0,114	0,296
CHR4	25542973	CHR4:25542973	SSF x Far_LoA	-9,70660905	-0,056	0,313
CHR4	25543003	CHR4:25543003	SSF x Far_LoA	-10,0159786	-0,066	0,318
CHR4	25543026	CHR4:25543026	SSF x Far_LoA	-9,20510837	0,053	0,316
CHR4	25544153	CHR4:25544153	SSF x Far_LoA	-12,5939705	-0,009	0,316
CHR4	25544226	CHR4:25544226	SSF x Far_LoA	-10,4693859	0,021	0,300
CHR4	25552751	CHR4:25552751	SSF x Far_LoA	-9,77085941	0,019	0,307
CHR4	25552758	CHR4:25552758	SSF x Far_LoA	-7,92000625	-0,022	0,305
CHR4	25552764	CHR4:25552764	SSF x Far_LoA	-1,12535883	0,211	0,300
CHR4	25552823	CHR4:25552823	SSF x Far_LoA	-9,46148828	0,014	0,320
CHR4	25552824	CHR4:25552824	SSF x Far_LoA	-9,42580647	-0,012	0,313
CHR4	25552904	CHR4:25552904	SSF x Far_LoA	-11,2680936	0,073	0,311
CHR4	25552912	CHR4:25552912	SSF x Far_LoA	-7,96588333	-0,078	0,314
CHR4	25552984	CHR4:25552984	SSF x Far_LoA	-7,20997778	-0,054	0,316
CHR4	25552987	CHR4:25552987	SSF x Far_LoA	-4,82522285	0,074	0,309
CHR4	25556127	CHR4:25556127	SSF x Far_LoA	-7,72788469	0,023	0,304
CHR4	25556375	CHR4:25556375	SSF x Far_LoA	-9,37128501	-0,083	0,311
CHR4	25556378	CHR4:25556378	SSF x Far_LoA	-9,39848292	0,070	0,303
CHR4	25563270	CHR4:25563270	SSF x Far_LoA	-9,32972163	0,131	0,303
CHR4	25569603	CHR4:25569603	SSF x Far_LoA	-7,88156511	-0,014	0,312
CHR4	25591119	CHR4:25591119	SSF x Far_LoA	-9,06628305	-0,048	0,305
CHR4	25591209	CHR4:25591209	SSF x Far_LoA	-9,68708173	0,034	0,317
CHR4	25591316	CHR4:25591316	SSF x Far_LoA	-9,44161085	0,109	0,309
CHR4	25593335	CHR4:25593335	SSF x Far_LoA	-11,8016913	-0,007	0,301
CHR4	25593393	CHR4:25593393	SSF x Far_LoA	-9,07652074	0,044	0,308
CHR4	25593431	CHR4:25593431	SSF x Far_LoA	-8,42966563	-0,024	0,318
CHR4	25612103	CHR4:25612103	SSF x Far_LoA	-9,92663422	0,033	0,306
CHR4	25612124	CHR4:25612124	SSF x Far_LoA	-11,0610563	-0,004	0,309
CHR4	25612151	CHR4:25612151	SSF x Far_LoA	-7,2968822	-0,101	0,317
CHR4	25613801	CHR4:25613801	SSF x Far_LoA	-9,52927664	0,134	0,310
CHR4	25613808	CHR4:25613808	SSF x Far_LoA	-8,88509773	-0,081	0,309
CHR4	25613834	CHR4:25613834	SSF x Far_LoA	-12,2964987	-0,025	0,314
CHR4	2562404	CHR4:2562404	SSF x Far_LoA	-10,0868987	0,042	0,292
CHR4	2562439	CHR4:2562439	SSF x Far_LoA	-9,67165476	-0,047	0,307
CHR4	2562508	CHR4:2562508	SSF x Far_LoA	-8,85500031	0,002	0,295
CHR4	25632551	CHR4:25632551	SSF x Far_LoA	-10,5161136	-0,095	0,312
CHR4	25632596	CHR4:25632596	SSF x Far_LoA	-7,29571318	0,156	0,304
CHR4	25632750	CHR4:25632750	SSF x Far_LoA	-8,28101527	-0,098	0,314

CHR4	25632826	CHR4:25632826	SSF x Far_LoA	-8,4411449	-0,092	0,295
CHR4	25635849	CHR4:25635849	SSF x Far_LoA	-8,91038316	-0,090	0,315
CHR4	25635875	CHR4:25635875	SSF x Far_LoA	-10,7583483	-0,075	0,290
CHR4	25637193	CHR4:25637193	SSF x Far_LoA	-6,62097045	-0,080	0,298
CHR4	25637195	CHR4:25637195	SSF x Far_LoA	-9,94290399	0,050	0,304
CHR4	25637214	CHR4:25637214	SSF x Far_LoA	-9,89590881	0,042	0,304
CHR4	25637230	CHR4:25637230	SSF x Far_LoA	-9,4934234	-0,051	0,307
CHR4	25637236	CHR4:25637236	SSF x Far_LoA	-6,84187498	-0,001	0,330
CHR4	25637282	CHR4:25637282	SSF x Far_LoA	-8,9769984	-0,019	0,311
CHR4	25637330	CHR4:25637330	SSF x Far_LoA	-7,63366641	0,118	0,313
CHR4	25637336	CHR4:25637336	SSF x Far_LoA	-10,5966692	-0,068	0,310
CHR4	25638584	CHR4:25638584	SSF x Far_LoA	-7,20130291	0,163	0,309
CHR4	25638680	CHR4:25638680	SSF x Far_LoA	-10,7903538	0,042	0,297
CHR4	25648357	CHR4:25648357	SSF x Far_LoA	-8,78811719	0,106	0,313
CHR4	25648369	CHR4:25648369	SSF x Far_LoA	-9,50111118	-0,040	0,312
CHR4	25648388	CHR4:25648388	SSF x Far_LoA	-10,9842982	-0,134	0,295
CHR4	25657227	CHR4:25657227	SSF x Far_LoA	-4,50937905	0,016	0,313
CHR4	25658789	CHR4:25658789	SSF x Far_LoA	-8,9369468	0,011	0,307
CHR4	25658793	CHR4:25658793	SSF x Far_LoA	-8,51556335	0,015	0,311
CHR4	25658870	CHR4:25658870	SSF x Far_LoA	-8,08334692	0,085	0,311
CHR4	2565909	CHR4:2565909	SSF x Far_LoA	-10,409448	0,055	0,315
CHR4	2565949	CHR4:2565949	SSF x Far_LoA	-10,1991443	0,029	0,292
CHR4	25668937	CHR4:25668937	SSF x Far_LoA	-9,62827757	0,104	0,310
CHR4	25669018	CHR4:25669018	SSF x Far_LoA	-8,8777388	-0,123	0,310
CHR4	25669082	CHR4:25669082	SSF x Far_LoA	-10,5606729	0,026	0,304
CHR4	25676791	CHR4:25676791	SSF x Far_LoA	-10,4489522	-0,039	0,312
CHR4	25676895	CHR4:25676895	SSF x Far_LoA	-9,94123118	-0,056	0,297
CHR4	25676918	CHR4:25676918	SSF x Far_LoA	-9,91978262	-0,094	0,302
CHR4	25677248	CHR4:25677248	SSF x Far_LoA	-9,30164211	-0,007	0,308
CHR4	25677267	CHR4:25677267	SSF x Far_LoA	-8,7721228	0,102	0,314
CHR4	25677285	CHR4:25677285	SSF x Far_LoA	-11,1689076	-0,015	0,310
CHR4	25677332	CHR4:25677332	SSF x Far_LoA	-9,47942386	0,096	0,319
CHR4	25679928	CHR4:25679928	SSF x Far_LoA	-7,46945649	0,003	0,321
CHR4	25681136	CHR4:25681136	SSF x Far_LoA	-0,90807639	-0,118	0,308
CHR4	25681165	CHR4:25681165	SSF x Far_LoA	-6,73798695	-0,013	0,304
CHR4	25681210	CHR4:25681210	SSF x Far_LoA	-10,8213515	0,035	0,300
CHR4	25700068	CHR4:25700068	SSF x Far_LoA	-9,25674418	0,113	0,299
CHR4	25700069	CHR4:25700069	SSF x Far_LoA	-7,93603408	0,149	0,290
CHR4	25700128	CHR4:25700128	SSF x Far_LoA	-7,9303701	-0,070	0,323
CHR4	25708173	CHR4:25708173	SSF x Far_LoA	-8,82636832	-0,015	0,316
CHR4	25708230	CHR4:25708230	SSF x Far_LoA	-8,87514358	-0,034	0,309
CHR4	25708245	CHR4:25708245	SSF x Far_LoA	-8,72412046	0,099	0,300
CHR4	25708904	CHR4:25708904	SSF x Far_LoA	-8,72910391	0,015	0,318
CHR4	25708948	CHR4:25708948	SSF x Far_LoA	-12,0008244	0,027	0,303
CHR4	25716529	CHR4:25716529	SSF x Far_LoA	-8,41867317	0,066	0,314
CHR4	25724875	CHR4:25724875	SSF x Far_LoA	-11,1270784	0,093	0,313
CHR4	25725128	CHR4:25725128	SSF x Far_LoA	-7,65133955	-0,045	0,300
CHR4	25725141	CHR4:25725141	SSF x Far_LoA	-9,30853658	-0,011	0,317
CHR4	25726847	CHR4:25726847	SSF x Far_LoA	-10,1641938	-0,050	0,303
CHR4	25726973	CHR4:25726973	SSF x Far_LoA	-8,59574815	0,006	0,310
CHR4	25726990	CHR4:25726990	SSF x Far_LoA	-9,12711891	-0,059	0,304
CHR4	25727048	CHR4:25727048	SSF x Far_LoA	-9,09610746	-0,143	0,307
CHR4	25735650	CHR4:25735650	SSF x Far_LoA	-10,6632052	0,054	0,297

CHR4	25735757	CHR4:25735757	SSF x Far_LoA	-6,48013044	0,151	0,297
CHR4	25735867	CHR4:25735867	SSF x Far_LoA	-11,5263571	-0,014	0,310
CHR4	25738916	CHR4:25738916	SSF x Far_LoA	-11,1013459	0,069	0,317
CHR4	25738937	CHR4:25738937	SSF x Far_LoA	-10,3208864	-0,005	0,309
CHR4	25738940	CHR4:25738940	SSF x Far_LoA	-9,73052974	0,006	0,314
CHR4	25738953	CHR4:25738953	SSF x Far_LoA	-11,1203843	-0,062	0,309
CHR4	25738964	CHR4:25738964	SSF x Far_LoA	-10,1750369	-0,015	0,307
CHR4	25738970	CHR4:25738970	SSF x Far_LoA	-9,94888442	0,002	0,308
CHR4	25743188	CHR4:25743188	SSF x Far_LoA	-8,76157825	0,103	0,305
CHR4	25745812	CHR4:25745812	SSF x Far_LoA	-6,89161113	0,098	0,296
CHR4	25745814	CHR4:25745814	SSF x Far_LoA	-8,50857842	0,077	0,302
CHR4	25745862	CHR4:25745862	SSF x Far_LoA	-9,5645453	0,121	0,282
CHR4	25746912	CHR4:25746912	SSF x Far_LoA	-10,835973	-0,056	0,311
CHR4	25747600	CHR4:25747600	SSF x Far_LoA	-5,30345032	-0,141	0,302
CHR4	25747711	CHR4:25747711	SSF x Far_LoA	-10,1172752	-0,032	0,304
CHR4	25747742	CHR4:25747742	SSF x Far_LoA	-8,96524229	-0,094	0,308
CHR4	25754538	CHR4:25754538	SSF x Far_LoA	-6,16307717	-0,134	0,305
CHR4	25755083	CHR4:25755083	SSF x Far_LoA	-10,7569303	-0,047	0,310
CHR4	25756299	CHR4:25756299	SSF x Far_LoA	-11,5826681	0,089	0,294
CHR4	25756303	CHR4:25756303	SSF x Far_LoA	-7,43497725	0,157	0,302
CHR4	25756332	CHR4:25756332	SSF x Far_LoA	-9,44935437	-0,100	0,320
CHR4	25756343	CHR4:25756343	SSF x Far_LoA	-10,302702	-0,075	0,312
CHR4	25756365	CHR4:25756365	SSF x Far_LoA	-11,3591242	0,015	0,299
CHR4	25756381	CHR4:25756381	SSF x Far_LoA	-8,51716132	-0,024	0,300
CHR4	25757075	CHR4:25757075	SSF x Far_LoA	-6,14976716	0,211	0,294
CHR4	25757130	CHR4:25757130	SSF x Far_LoA	-6,73459451	-0,182	0,312
CHR4	25759538	CHR4:25759538	SSF x Far_LoA	-11,2660711	0,032	0,300
CHR4	25759590	CHR4:25759590	SSF x Far_LoA	-11,8828311	-0,012	0,302
CHR4	25759650	CHR4:25759650	SSF x Far_LoA	-9,50221097	-0,023	0,306
CHR4	25762614	CHR4:25762614	SSF x Far_LoA	-10,424487	0,153	0,305
CHR4	25762641	CHR4:25762641	SSF x Far_LoA	-9,44747018	-0,150	0,278
CHR4	25762738	CHR4:25762738	SSF x Far_LoA	-7,49406157	0,023	0,306
CHR4	25762857	CHR4:25762857	SSF x Far_LoA	-10,5730371	-0,035	0,292
CHR4	25762881	CHR4:25762881	SSF x Far_LoA	-5,87907254	-0,043	0,306
CHR4	25762889	CHR4:25762889	SSF x Far_LoA	-8,48775207	-0,051	0,304
CHR4	25774468	CHR4:25774468	SSF x Far_LoA	-9,31030538	0,143	0,294
CHR4	25774660	CHR4:25774660	SSF x Far_LoA	-5,94113056	-0,122	0,292
CHR4	25781280	CHR4:25781280	SSF x Far_LoA	-10,0779647	0,087	0,304
CHR4	25785253	CHR4:25785253	SSF x Far_LoA	-8,43523459	0,076	0,315
CHR4	25785289	CHR4:25785289	SSF x Far_LoA	-8,4552414	0,113	0,313
CHR4	25788653	CHR4:25788653	SSF x Far_LoA	-8,2072184	-0,152	0,306
CHR4	25788729	CHR4:25788729	SSF x Far_LoA	1,79659609	0,247	0,285
CHR4	25793489	CHR4:25793489	SSF x Far_LoA	-10,4062742	0,016	0,294
CHR4	25793548	CHR4:25793548	SSF x Far_LoA	-10,4491899	-0,085	0,303
CHR4	25793564	CHR4:25793564	SSF x Far_LoA	-12,1908738	-0,018	0,305
CHR4	25793634	CHR4:25793634	SSF x Far_LoA	-9,94438952	0,066	0,303
CHR4	25797159	CHR4:25797159	SSF x Far_LoA	-9,4012737	-0,044	0,302
CHR4	25797192	CHR4:25797192	SSF x Far_LoA	-9,17356684	-0,121	0,302
CHR4	25797351	CHR4:25797351	SSF x Far_LoA	-5,82317601	0,114	0,301
CHR4	25803422	CHR4:25803422	SSF x Far_LoA	-8,84978438	-0,098	0,308
CHR4	25803463	CHR4:25803463	SSF x Far_LoA	-7,107379	-0,203	0,294
CHR4	25803536	CHR4:25803536	SSF x Far_LoA	-8,98017132	0,072	0,309
CHR4	25803566	CHR4:25803566	SSF x Far_LoA	-7,78999657	-0,195	0,292

CHR4	2582780	CHR4:2582780	SSF x Far_LoA	-8,96629723	0,022	0,295
CHR4	2582807	CHR4:2582807	SSF x Far_LoA	-10,4369701	0,109	0,289
CHR4	2582902	CHR4:2582902	SSF x Far_LoA	-8,55179823	-0,068	0,321
CHR4	25833088	CHR4:25833088	SSF x Far_LoA	-6,67061425	0,123	0,298
CHR4	25833160	CHR4:25833160	SSF x Far_LoA	-10,6413748	-0,088	0,305
CHR4	25833186	CHR4:25833186	SSF x Far_LoA	-8,92292712	0,136	0,291
CHR4	25845820	CHR4:25845820	SSF x Far_LoA	-10,0599344	0,044	0,295
CHR4	25845839	CHR4:25845839	SSF x Far_LoA	-9,72755034	-0,127	0,286
CHR4	25845958	CHR4:25845958	SSF x Far_LoA	-10,3852861	0,035	0,294
CHR4	25846005	CHR4:25846005	SSF x Far_LoA	-11,3651773	0,035	0,310
CHR4	25846050	CHR4:25846050	SSF x Far_LoA	-9,45639944	0,038	0,310
CHR4	25855046	CHR4:25855046	SSF x Far_LoA	-10,0558331	-0,002	0,318
CHR4	25855127	CHR4:25855127	SSF x Far_LoA	-11,8902748	-0,007	0,302
CHR4	25860196	CHR4:25860196	SSF x Far_LoA	-8,52419173	-0,106	0,296
CHR4	25860234	CHR4:25860234	SSF x Far_LoA	-7,84287576	-0,159	0,282
CHR4	25869689	CHR4:25869689	SSF x Far_LoA	-7,76205188	0,083	0,300
CHR4	25869815	CHR4:25869815	SSF x Far_LoA	-7,64926993	0,004	0,318
CHR4	25878649	CHR4:25878649	SSF x Far_LoA	-11,034992	0,123	0,293
CHR4	25885896	CHR4:25885896	SSF x Far_LoA	-9,93247073	-0,047	0,304
CHR4	25885961	CHR4:25885961	SSF x Far_LoA	-9,55706757	0,119	0,285
CHR4	25886010	CHR4:25886010	SSF x Far_LoA	-9,96510252	-0,043	0,318
CHR4	25886016	CHR4:25886016	SSF x Far_LoA	-9,80852853	0,013	0,290
CHR4	25886082	CHR4:25886082	SSF x Far_LoA	-10,9622237	-0,018	0,304
CHR4	25886086	CHR4:25886086	SSF x Far_LoA	-9,32405795	0,011	0,290
CHR4	25886134	CHR4:25886134	SSF x Far_LoA	-8,15142597	0,058	0,303
CHR4	2588697	CHR4:2588697	SSF x Far_LoA	-10,7910191	0,093	0,296
CHR4	2588714	CHR4:2588714	SSF x Far_LoA	-10,0311308	-0,043	0,315
CHR4	25899764	CHR4:25899764	SSF x Far_LoA	-7,39083695	-0,158	0,308
CHR4	25899799	CHR4:25899799	SSF x Far_LoA	-8,18738819	-0,096	0,288
CHR4	25899851	CHR4:25899851	SSF x Far_LoA	-9,75339526	-0,067	0,293
CHR4	25919383	CHR4:25919383	SSF x Far_LoA	-11,8257531	0,083	0,305
CHR4	25932903	CHR4:25932903	SSF x Far_LoA	-10,9993864	-0,020	0,306
CHR4	2593441	CHR4:2593441	SSF x Far_LoA	-10,5862332	0,025	0,311
CHR4	2593541	CHR4:2593541	SSF x Far_LoA	-10,8508131	0,051	0,295
CHR4	25943177	CHR4:25943177	SSF x Far_LoA	-9,15344785	-0,058	0,297
CHR4	25953865	CHR4:25953865	SSF x Far_LoA	-6,76481341	-0,188	0,305
CHR4	25959536	CHR4:25959536	SSF x Far_LoA	-8,08089872	0,108	0,280
CHR4	25960087	CHR4:25960087	SSF x Far_LoA	-9,24711785	0,037	0,317
CHR4	2596369	CHR4:2596369	SSF x Far_LoA	-9,38581758	-0,049	0,327
CHR4	25966286	CHR4:25966286	SSF x Far_LoA	-11,4607465	0,040	0,308
CHR4	25966358	CHR4:25966358	SSF x Far_LoA	-8,32791039	0,134	0,312
CHR4	25966404	CHR4:25966404	SSF x Far_LoA	-11,9011274	0,057	0,298
CHR4	25970760	CHR4:25970760	SSF x Far_LoA	-9,90715557	0,067	0,307
CHR4	25970804	CHR4:25970804	SSF x Far_LoA	-11,6647952	-0,116	0,299
CHR4	25970923	CHR4:25970923	SSF x Far_LoA	-10,8881512	-0,010	0,312
CHR4	25973731	CHR4:25973731	SSF x Far_LoA	-10,1047427	-0,084	0,309
CHR4	25973739	CHR4:25973739	SSF x Far_LoA	-7,074347	-0,124	0,311
CHR4	2597625	CHR4:2597625	SSF x Far_LoA	-10,1051618	-0,042	0,310
CHR4	25982528	CHR4:25982528	SSF x Far_LoA	-8,93616989	-0,025	0,314
CHR4	25982579	CHR4:25982579	SSF x Far_LoA	-8,7819566	-0,067	0,306
CHR4	25982594	CHR4:25982594	SSF x Far_LoA	-12,2143813	-0,007	0,293
CHR4	26001897	CHR4:26001897	SSF x Far_LoA	-10,8320166	0,067	0,310
CHR4	26001898	CHR4:26001898	SSF x Far_LoA	-12,0479132	0,046	0,308

CHR4	26007808	CHR4:26007808	SSF x Far_LoA	-9,18570027	-0,065	0,310
CHR4	2600795	CHR4:2600795	SSF x Far_LoA	-10,9508611	0,035	0,308
CHR4	26014129	CHR4:26014129	SSF x Far_LoA	-10,3714954	-0,003	0,309
CHR4	26015192	CHR4:26015192	SSF x Far_LoA	-11,282307	-0,072	0,311
CHR4	26018947	CHR4:26018947	SSF x Far_LoA	-11,5061665	0,025	0,305
CHR4	26029802	CHR4:26029802	SSF x Far_LoA	0,68199189	-0,144	0,317
CHR4	26029853	CHR4:26029853	SSF x Far_LoA	-7,15934923	-0,124	0,311
CHR4	26036524	CHR4:26036524	SSF x Far_LoA	-9,49150761	-0,038	0,308
CHR4	26036526	CHR4:26036526	SSF x Far_LoA	-8,11179321	0,047	0,303
CHR4	26036543	CHR4:26036543	SSF x Far_LoA	-5,29751785	-0,156	0,301
CHR4	26036589	CHR4:26036589	SSF x Far_LoA	-10,8791736	0,135	0,301
CHR4	26036590	CHR4:26036590	SSF x Far_LoA	-8,48028404	0,128	0,299
CHR4	26051689	CHR4:26051689	SSF x Far_LoA	-8,60187443	0,097	0,298
CHR4	26067051	CHR4:26067051	SSF x Far_LoA	-7,68078915	0,003	0,311
CHR4	26067205	CHR4:26067205	SSF x Far_LoA	-8,95594142	-0,040	0,320
CHR4	26067269	CHR4:26067269	SSF x Far_LoA	-4,1453874	-0,048	0,308
CHR4	26068250	CHR4:26068250	SSF x Far_LoA	-10,4149614	0,064	0,304
CHR4	2606940	CHR4:2606940	SSF x Far_LoA	-9,67577414	-0,163	0,302
CHR4	2606988	CHR4:2606988	SSF x Far_LoA	-11,3205907	0,093	0,292
CHR4	2607156	CHR4:2607156	SSF x Far_LoA	-6,99146348	0,137	0,310
CHR4	2607162	CHR4:2607162	SSF x Far_LoA	-9,12873051	0,082	0,302
CHR4	26075184	CHR4:26075184	SSF x Far_LoA	-8,81582944	-0,033	0,312
CHR4	26075243	CHR4:26075243	SSF x Far_LoA	-8,55705208	0,000	0,311
CHR4	26075263	CHR4:26075263	SSF x Far_LoA	-8,72120067	-0,063	0,315
CHR4	26075264	CHR4:26075264	SSF x Far_LoA	-7,17895958	0,080	0,312
CHR4	26075274	CHR4:26075274	SSF x Far_LoA	-9,7382656	-0,091	0,309
CHR4	26075277	CHR4:26075277	SSF x Far_LoA	-8,49645493	0,056	0,317
CHR4	26075279	CHR4:26075279	SSF x Far_LoA	-10,3501643	0,008	0,305
CHR4	26075280	CHR4:26075280	SSF x Far_LoA	-7,00144447	-0,073	0,311
CHR4	26078967	CHR4:26078967	SSF x Far_LoA	-11,454356	-0,050	0,313
CHR4	26083756	CHR4:26083756	SSF x Far_LoA	-11,0491177	0,070	0,312
CHR4	26083877	CHR4:26083877	SSF x Far_LoA	-8,05162096	-0,062	0,305
CHR4	26083881	CHR4:26083881	SSF x Far_LoA	-9,38039163	-0,022	0,300
CHR4	26083882	CHR4:26083882	SSF x Far_LoA	-9,36221679	0,028	0,300
CHR4	26083909	CHR4:26083909	SSF x Far_LoA	-8,74546681	0,055	0,302
CHR4	26083913	CHR4:26083913	SSF x Far_LoA	-7,89199161	-0,064	0,303
CHR4	26083919	CHR4:26083919	SSF x Far_LoA	-9,11822964	-0,044	0,298
CHR4	26093578	CHR4:26093578	SSF x Far_LoA	-8,63360852	0,055	0,316
CHR4	26096960	CHR4:26096960	SSF x Far_LoA	-8,75625755	-0,106	0,288
CHR4	26106929	CHR4:26106929	SSF x Far_LoA	-11,7776257	-0,007	0,303
CHR4	26106932	CHR4:26106932	SSF x Far_LoA	-11,18299	0,015	0,301
CHR4	26106963	CHR4:26106963	SSF x Far_LoA	-10,3891163	0,044	0,309
CHR4	26126236	CHR4:26126236	SSF x Far_LoA	-9,87330763	-0,006	0,299
CHR4	26126290	CHR4:26126290	SSF x Far_LoA	-10,3122638	0,050	0,306
CHR4	26142437	CHR4:26142437	SSF x Far_LoA	-11,971778	-0,022	0,295
CHR4	26146046	CHR4:26146046	SSF x Far_LoA	-11,1037677	0,051	0,304
CHR4	26154462	CHR4:26154462	SSF x Far_LoA	-9,50036974	-0,134	0,296
CHR4	26163964	CHR4:26163964	SSF x Far_LoA	-10,2496778	0,011	0,294
CHR4	26164825	CHR4:26164825	SSF x Far_LoA	-10,6627949	-0,018	0,322
CHR4	26169607	CHR4:26169607	SSF x Far_LoA	-6,76498322	-0,062	0,307
CHR4	26177094	CHR4:26177094	SSF x Far_LoA	-4,19044125	-0,043	0,316
CHR4	26177101	CHR4:26177101	SSF x Far_LoA	-7,08593197	-0,035	0,308
CHR4	26177329	CHR4:26177329	SSF x Far_LoA	-9,83402975	0,014	0,300

CHR4	26177371	CHR4:26177371	SSF x Far_LoA	-7,02674854	-0,039	0,318
CHR4	2619196	CHR4:2619196	SSF x Far_LoA	-2,66147334	0,208	0,289
CHR4	2619331	CHR4:2619331	SSF x Far_LoA	-8,74651096	0,006	0,313
CHR4	26202625	CHR4:26202625	SSF x Far_LoA	-11,4309885	0,041	0,301
CHR4	26216492	CHR4:26216492	SSF x Far_LoA	-9,11679379	0,030	0,285
CHR4	26218998	CHR4:26218998	SSF x Far_LoA	-10,3788971	0,078	0,317
CHR4	26234552	CHR4:26234552	SSF x Far_LoA	-6,83901839	-0,073	0,292
CHR4	26234557	CHR4:26234557	SSF x Far_LoA	-7,24314393	0,117	0,314
CHR4	26234560	CHR4:26234560	SSF x Far_LoA	-10,2077444	-0,049	0,294
CHR4	26234622	CHR4:26234622	SSF x Far_LoA	-9,99755379	-0,060	0,302
CHR4	26234629	CHR4:26234629	SSF x Far_LoA	-8,25037995	-0,092	0,300
CHR4	26239018	CHR4:26239018	SSF x Far_LoA	-11,3023071	-0,020	0,310
CHR4	26239220	CHR4:26239220	SSF x Far_LoA	-9,95954118	0,058	0,305
CHR4	26243831	CHR4:26243831	SSF x Far_LoA	-7,83799417	-0,093	0,314
CHR4	26243893	CHR4:26243893	SSF x Far_LoA	-10,622679	0,019	0,310
CHR4	26243899	CHR4:26243899	SSF x Far_LoA	-10,260312	0,063	0,297
CHR4	26243932	CHR4:26243932	SSF x Far_LoA	-8,00689383	-0,147	0,314
CHR4	26243933	CHR4:26243933	SSF x Far_LoA	-6,34652286	-0,141	0,319
CHR4	26243949	CHR4:26243949	SSF x Far_LoA	-3,34049894	0,074	0,312
CHR4	26243973	CHR4:26243973	SSF x Far_LoA	-7,95037959	-0,055	0,309
CHR4	26243992	CHR4:26243992	SSF x Far_LoA	-7,77084365	-0,135	0,301
CHR4	26254068	CHR4:26254068	SSF x Far_LoA	-8,89872702	0,090	0,298
CHR4	26254113	CHR4:26254113	SSF x Far_LoA	-10,3395095	0,042	0,299
CHR4	26268294	CHR4:26268294	SSF x Far_LoA	-9,54853703	-0,053	0,307
CHR4	26268426	CHR4:26268426	SSF x Far_LoA	-9,28644583	0,018	0,306
CHR4	26268464	CHR4:26268464	SSF x Far_LoA	-9,79656768	0,037	0,317
CHR4	2627151	CHR4:2627151	SSF x Far_LoA	-10,6226351	0,063	0,314
CHR4	2627181	CHR4:2627181	SSF x Far_LoA	-9,28090612	-0,080	0,279
CHR4	26271891	CHR4:26271891	SSF x Far_LoA	-11,101515	0,053	0,300
CHR4	2627374	CHR4:2627374	SSF x Far_LoA	-10,0950015	-0,079	0,302
CHR4	26281380	CHR4:26281380	SSF x Far_LoA	-10,1969135	-0,052	0,318
CHR4	26281410	CHR4:26281410	SSF x Far_LoA	-11,5052431	0,069	0,314
CHR4	26283103	CHR4:26283103	SSF x Far_LoA	-9,64327646	-0,046	0,312
CHR4	26283111	CHR4:26283111	SSF x Far_LoA	-10,7039629	-0,047	0,324
CHR4	26283294	CHR4:26283294	SSF x Far_LoA	-8,54220072	0,002	0,312
CHR4	26292745	CHR4:26292745	SSF x Far_LoA	-10,5346619	0,045	0,311
CHR4	26292772	CHR4:26292772	SSF x Far_LoA	-9,13406223	0,026	0,299
CHR4	26292825	CHR4:26292825	SSF x Far_LoA	-8,98976727	0,038	0,311
CHR4	26301249	CHR4:26301249	SSF x Far_LoA	-7,87157369	0,101	0,305
CHR4	26301252	CHR4:26301252	SSF x Far_LoA	-7,57927961	0,089	0,294
CHR4	26301318	CHR4:26301318	SSF x Far_LoA	-10,4028813	-0,078	0,312
CHR4	2630262	CHR4:2630262	SSF x Far_LoA	-10,9598228	0,077	0,313
CHR4	2630284	CHR4:2630284	SSF x Far_LoA	-10,5644077	0,028	0,311
CHR4	2630310	CHR4:2630310	SSF x Far_LoA	-8,70810615	0,129	0,310
CHR4	26314549	CHR4:26314549	SSF x Far_LoA	-10,6438761	0,064	0,306
CHR4	26314578	CHR4:26314578	SSF x Far_LoA	-8,82612806	0,001	0,300
CHR4	26314646	CHR4:26314646	SSF x Far_LoA	-9,13807967	-0,055	0,307
CHR4	26320231	CHR4:26320231	SSF x Far_LoA	-10,2823265	0,048	0,314
CHR4	26320282	CHR4:26320282	SSF x Far_LoA	-11,3351995	-0,027	0,305
CHR4	26320284	CHR4:26320284	SSF x Far_LoA	-11,0286769	-0,033	0,291
CHR4	26320287	CHR4:26320287	SSF x Far_LoA	-8,2041104	0,030	0,311
CHR4	26321992	CHR4:26321992	SSF x Far_LoA	-11,4301676	-0,024	0,303
CHR4	26322169	CHR4:26322169	SSF x Far_LoA	-10,7548374	0,026	0,306

CHR4	26322257	CHR4:26322257	SSF x Far_LoA	-2,63981945	-0,162	0,297
CHR4	26322282	CHR4:26322282	SSF x Far_LoA	-6,04045095	-0,161	0,313
CHR4	26331358	CHR4:26331358	SSF x Far_LoA	-8,20683758	0,149	0,310
CHR4	26331485	CHR4:26331485	SSF x Far_LoA	-11,0125942	0,109	0,298
CHR4	26331489	CHR4:26331489	SSF x Far_LoA	-8,74071023	-0,108	0,305
CHR4	26344923	CHR4:26344923	SSF x Far_LoA	-9,46864056	0,004	0,304
CHR4	26349760	CHR4:26349760	SSF x Far_LoA	-10,7207125	-0,060	0,306
CHR4	26352916	CHR4:26352916	SSF x Far_LoA	-9,86926373	-0,040	0,316
CHR4	26353015	CHR4:26353015	SSF x Far_LoA	-9,21340299	0,011	0,300
CHR4	26353096	CHR4:26353096	SSF x Far_LoA	-7,04499189	0,011	0,315
CHR4	26359133	CHR4:26359133	SSF x Far_LoA	-7,5617525	0,030	0,314
CHR4	26359321	CHR4:26359321	SSF x Far_LoA	-8,73002558	0,033	0,300
CHR4	26371358	CHR4:26371358	SSF x Far_LoA	-7,83130466	-0,066	0,324
CHR4	26371363	CHR4:26371363	SSF x Far_LoA	-9,59505329	0,004	0,322
CHR4	26371384	CHR4:26371384	SSF x Far_LoA	-9,94674899	-0,074	0,295
CHR4	26388411	CHR4:26388411	SSF x Far_LoA	-9,20443673	0,122	0,300
CHR4	26388420	CHR4:26388420	SSF x Far_LoA	-9,67966191	0,013	0,299
CHR4	26388474	CHR4:26388474	SSF x Far_LoA	-7,16682708	-0,046	0,305
CHR4	26391589	CHR4:26391589	SSF x Far_LoA	-7,27116441	-0,162	0,302
CHR4	26391626	CHR4:26391626	SSF x Far_LoA	-7,61901519	-0,142	0,316
CHR4	26391652	CHR4:26391652	SSF x Far_LoA	-11,5467086	-0,007	0,300
CHR4	26403679	CHR4:26403679	SSF x Far_LoA	-8,95613921	-0,110	0,303
CHR4	26403683	CHR4:26403683	SSF x Far_LoA	-9,05154425	-0,128	0,296
CHR4	26403692	CHR4:26403692	SSF x Far_LoA	-6,9007781	-0,091	0,312
CHR4	26403774	CHR4:26403774	SSF x Far_LoA	-9,54319094	-0,051	0,305
CHR4	26403787	CHR4:26403787	SSF x Far_LoA	-10,9735236	-0,026	0,307
CHR4	26403857	CHR4:26403857	SSF x Far_LoA	-8,705717	-0,091	0,301
CHR4	26418328	CHR4:26418328	SSF x Far_LoA	-8,85234288	-0,085	0,306
CHR4	26418343	CHR4:26418343	SSF x Far_LoA	-7,38833549	-0,080	0,310
CHR4	26418482	CHR4:26418482	SSF x Far_LoA	-9,31917121	0,013	0,303
CHR4	26418535	CHR4:26418535	SSF x Far_LoA	-9,43114365	0,101	0,303
CHR4	2642232	CHR4:2642232	SSF x Far_LoA	-12,1105504	-0,027	0,301
CHR4	2642272	CHR4:2642272	SSF x Far_LoA	-10,7427853	-0,109	0,312
CHR4	26424475	CHR4:26424475	SSF x Far_LoA	-7,29588671	0,010	0,310
CHR4	2642464	CHR4:2642464	SSF x Far_LoA	-7,98259266	-0,134	0,296
CHR4	2642479	CHR4:2642479	SSF x Far_LoA	-10,0638247	-0,104	0,304
CHR4	2642503	CHR4:2642503	SSF x Far_LoA	-6,98015673	-0,132	0,308
CHR4	26448588	CHR4:26448588	SSF x Far_LoA	-10,0353592	-0,008	0,315
CHR4	26448619	CHR4:26448619	SSF x Far_LoA	-10,2120722	0,060	0,307
CHR4	26470462	CHR4:26470462	SSF x Far_LoA	-9,02759396	-0,157	0,300
CHR4	26470502	CHR4:26470502	SSF x Far_LoA	-8,23327601	-0,084	0,315
CHR4	26470509	CHR4:26470509	SSF x Far_LoA	-9,19485228	-0,075	0,312
CHR4	26470556	CHR4:26470556	SSF x Far_LoA	-8,76089124	0,066	0,314
CHR4	26470580	CHR4:26470580	SSF x Far_LoA	-7,93591477	0,042	0,317
CHR4	26470654	CHR4:26470654	SSF x Far_LoA	-6,61556599	-0,126	0,313
CHR4	26470657	CHR4:26470657	SSF x Far_LoA	-9,18135695	-0,002	0,301
CHR4	26485113	CHR4:26485113	SSF x Far_LoA	-11,9394007	0,072	0,305
CHR4	26485142	CHR4:26485142	SSF x Far_LoA	-8,35284953	0,055	0,311
CHR4	26485146	CHR4:26485146	SSF x Far_LoA	-11,0212569	-0,028	0,306
CHR4	26485150	CHR4:26485150	SSF x Far_LoA	-9,96030924	0,048	0,311
CHR4	26494279	CHR4:26494279	SSF x Far_LoA	-8,01485166	0,084	0,293
CHR4	26501458	CHR4:26501458	SSF x Far_LoA	-8,41836055	0,077	0,313
CHR4	26501591	CHR4:26501591	SSF x Far_LoA	-11,4097232	0,050	0,317

CHR4	26501630	CHR4:26501630	SSF x Far_LoA	-8,76459643	0,057	0,303
CHR4	26509284	CHR4:26509284	SSF x Far_LoA	-11,2875229	-0,024	0,308
CHR4	26512536	CHR4:26512536	SSF x Far_LoA	-11,0954155	-0,066	0,316
CHR4	26515467	CHR4:26515467	SSF x Far_LoA	-9,82578189	0,021	0,296
CHR4	26521784	CHR4:26521784	SSF x Far_LoA	-9,26913265	-0,141	0,295
CHR4	26522712	CHR4:26522712	SSF x Far_LoA	-9,03983603	-0,090	0,313
CHR4	26529891	CHR4:26529891	SSF x Far_LoA	2,01774167	-0,152	0,303
CHR4	26529914	CHR4:26529914	SSF x Far_LoA	-7,18436983	-0,137	0,307
CHR4	26529916	CHR4:26529916	SSF x Far_LoA	-9,35267497	0,010	0,281
CHR4	26532100	CHR4:26532100	SSF x Far_LoA	-10,4093425	-0,073	0,312
CHR4	26542125	CHR4:26542125	SSF x Far_LoA	-10,4000857	0,035	0,294
CHR4	26551354	CHR4:26551354	SSF x Far_LoA	-10,5653926	-0,094	0,311
CHR4	26551446	CHR4:26551446	SSF x Far_LoA	-11,5300375	-0,029	0,315
CHR4	26553511	CHR4:26553511	SSF x Far_LoA	-10,6788542	0,002	0,289
CHR4	26553773	CHR4:26553773	SSF x Far_LoA	-9,0550602	-0,078	0,292
CHR4	26561498	CHR4:26561498	SSF x Far_LoA	-8,62719706	0,114	0,308
CHR4	26561590	CHR4:26561590	SSF x Far_LoA	-9,8622823	0,002	0,313
CHR4	26561592	CHR4:26561592	SSF x Far_LoA	-11,3462169	0,000	0,286
CHR4	26561669	CHR4:26561669	SSF x Far_LoA	-10,4314484	0,085	0,293
CHR4	26563196	CHR4:26563196	SSF x Far_LoA	-9,02086192	-0,143	0,304
CHR4	26564673	CHR4:26564673	SSF x Far_LoA	-8,74344994	-0,057	0,320
CHR4	26565841	CHR4:26565841	SSF x Far_LoA	-10,7877001	0,045	0,315
CHR4	26565940	CHR4:26565940	SSF x Far_LoA	-10,5773539	0,003	0,299
CHR4	26571264	CHR4:26571264	SSF x Far_LoA	-7,7142646	0,119	0,310
CHR4	26573127	CHR4:26573127	SSF x Far_LoA	-9,37697932	-0,058	0,315
CHR4	26573195	CHR4:26573195	SSF x Far_LoA	-9,70274861	-0,078	0,305
CHR4	26592184	CHR4:26592184	SSF x Far_LoA	-6,27861818	-0,012	0,302
CHR4	26592249	CHR4:26592249	SSF x Far_LoA	-9,31791668	-0,053	0,293
CHR4	26592281	CHR4:26592281	SSF x Far_LoA	-9,83202449	0,002	0,311
CHR4	26593673	CHR4:26593673	SSF x Far_LoA	-11,8867126	0,000	0,296
CHR4	26593762	CHR4:26593762	SSF x Far_LoA	-10,3621858	-0,043	0,310
CHR4	26593795	CHR4:26593795	SSF x Far_LoA	-8,11557115	0,094	0,298
CHR4	26593820	CHR4:26593820	SSF x Far_LoA	-9,08143675	-0,035	0,308
CHR4	26596667	CHR4:26596667	SSF x Far_LoA	-8,76927504	0,081	0,299
CHR4	26596678	CHR4:26596678	SSF x Far_LoA	-9,92526762	-0,040	0,284
CHR4	26606683	CHR4:26606683	SSF x Far_LoA	-8,75139768	0,045	0,309
CHR4	26606706	CHR4:26606706	SSF x Far_LoA	-9,70826882	-0,082	0,298
CHR4	26606785	CHR4:26606785	SSF x Far_LoA	-9,2657947	0,033	0,291
CHR4	26606828	CHR4:26606828	SSF x Far_LoA	-10,3606726	-0,140	0,301
CHR4	26608234	CHR4:26608234	SSF x Far_LoA	-9,32869765	-0,036	0,304
CHR4	26608254	CHR4:26608254	SSF x Far_LoA	-11,6179613	0,024	0,323
CHR4	26608258	CHR4:26608258	SSF x Far_LoA	-10,2909583	-0,024	0,301
CHR4	26608272	CHR4:26608272	SSF x Far_LoA	-7,46619911	0,100	0,322
CHR4	26608274	CHR4:26608274	SSF x Far_LoA	-10,9181311	0,011	0,299
CHR4	26608367	CHR4:26608367	SSF x Far_LoA	-10,1738077	-0,036	0,295
CHR4	26608457	CHR4:26608457	SSF x Far_LoA	-9,35613706	-0,042	0,306
CHR4	26614777	CHR4:26614777	SSF x Far_LoA	-4,09421731	0,020	0,306
CHR4	26614794	CHR4:26614794	SSF x Far_LoA	-10,3222188	0,038	0,307
CHR4	26621273	CHR4:26621273	SSF x Far_LoA	-8,76650012	-0,130	0,297
CHR4	26636990	CHR4:26636990	SSF x Far_LoA	-10,4866038	-0,089	0,323
CHR4	26641671	CHR4:26641671	SSF x Far_LoA	-12,5388309	-0,024	0,302
CHR4	26641678	CHR4:26641678	SSF x Far_LoA	-7,85540032	-0,042	0,307
CHR4	26656887	CHR4:26656887	SSF x Far_LoA	-9,14127161	-0,067	0,324

CHR4	26658642	CHR4:26658642	SSF x Far_LoA	-11,0325505	0,055	0,305
CHR4	26658726	CHR4:26658726	SSF x Far_LoA	-9,67686651	-0,020	0,303
CHR4	26658864	CHR4:26658864	SSF x Far_LoA	-5,88518862	-0,115	0,314
CHR4	26660211	CHR4:26660211	SSF x Far_LoA	-6,57874932	-0,141	0,310
CHR4	26660214	CHR4:26660214	SSF x Far_LoA	-10,0872189	-0,022	0,296
CHR4	26660216	CHR4:26660216	SSF x Far_LoA	-0,394342	0,095	0,301
CHR4	26660217	CHR4:26660217	SSF x Far_LoA	-10,8805752	-0,131	0,301
CHR4	26690464	CHR4:26690464	SSF x Far_LoA	-7,46054762	0,208	0,309
CHR4	26690553	CHR4:26690553	SSF x Far_LoA	-11,5537051	0,070	0,296
CHR4	2670456	CHR4:2670456	SSF x Far_LoA	-10,6251374	0,011	0,321
CHR4	2670564	CHR4:2670564	SSF x Far_LoA	-10,5300576	-0,065	0,311
CHR4	2670608	CHR4:2670608	SSF x Far_LoA	-9,99908493	-0,059	0,310
CHR4	26706217	CHR4:26706217	SSF x Far_LoA	-9,74382259	0,013	0,304
CHR4	26706225	CHR4:26706225	SSF x Far_LoA	-8,30914724	0,019	0,300
CHR4	26706228	CHR4:26706228	SSF x Far_LoA	-8,29454287	-0,016	0,305
CHR4	26706268	CHR4:26706268	SSF x Far_LoA	-11,3878887	-0,050	0,287
CHR4	26706275	CHR4:26706275	SSF x Far_LoA	-8,69707548	-0,092	0,312
CHR4	26706328	CHR4:26706328	SSF x Far_LoA	-4,72042335	0,166	0,303
CHR4	26706357	CHR4:26706357	SSF x Far_LoA	-10,4376891	0,036	0,311
CHR4	26706431	CHR4:26706431	SSF x Far_LoA	-7,4705402	-0,108	0,303
CHR4	26710700	CHR4:26710700	SSF x Far_LoA	-9,18962733	0,022	0,302
CHR4	26710702	CHR4:26710702	SSF x Far_LoA	-8,77356165	0,017	0,310
CHR4	26710708	CHR4:26710708	SSF x Far_LoA	-9,00541213	0,035	0,314
CHR4	26710773	CHR4:26710773	SSF x Far_LoA	-11,4013517	-0,029	0,297
CHR4	26710778	CHR4:26710778	SSF x Far_LoA	-8,8406912	-0,006	0,315
CHR4	26710792	CHR4:26710792	SSF x Far_LoA	-8,65811528	-0,073	0,324
CHR4	26710799	CHR4:26710799	SSF x Far_LoA	-9,54509711	0,122	0,291
CHR4	26710883	CHR4:26710883	SSF x Far_LoA	-9,31660462	-0,019	0,307
CHR4	26710966	CHR4:26710966	SSF x Far_LoA	-7,3975275	-0,109	0,306
CHR4	26714382	CHR4:26714382	SSF x Far_LoA	-9,75935742	0,002	0,323
CHR4	26719349	CHR4:26719349	SSF x Far_LoA	-9,02037146	-0,073	0,309
CHR4	26719410	CHR4:26719410	SSF x Far_LoA	-9,68107158	-0,060	0,306
CHR4	26719475	CHR4:26719475	SSF x Far_LoA	-7,81297862	-0,053	0,309
CHR4	26719508	CHR4:26719508	SSF x Far_LoA	-7,97265661	0,121	0,306
CHR4	26719524	CHR4:26719524	SSF x Far_LoA	-11,9372048	0,001	0,299
CHR4	2673002	CHR4:2673002	SSF x Far_LoA	-6,30753614	-0,026	0,312
CHR4	2673054	CHR4:2673054	SSF x Far_LoA	-9,95398521	-0,012	0,302
CHR4	26732899	CHR4:26732899	SSF x Far_LoA	-8,8436628	0,076	0,295
CHR4	26732911	CHR4:26732911	SSF x Far_LoA	-10,8680806	0,036	0,302
CHR4	26734433	CHR4:26734433	SSF x Far_LoA	-9,85507759	0,023	0,312
CHR4	26734787	CHR4:26734787	SSF x Far_LoA	-9,23299386	-0,091	0,296
CHR4	26752415	CHR4:26752415	SSF x Far_LoA	-9,73621332	-0,021	0,304
CHR4	26752467	CHR4:26752467	SSF x Far_LoA	-9,07580177	-0,119	0,300
CHR4	26752531	CHR4:26752531	SSF x Far_LoA	-12,0572121	-0,028	0,294
CHR4	26752547	CHR4:26752547	SSF x Far_LoA	-6,65975887	0,161	0,299
CHR4	26758630	CHR4:26758630	SSF x Far_LoA	-11,5251262	-0,061	0,308
CHR4	26759474	CHR4:26759474	SSF x Far_LoA	-8,70338014	0,092	0,289
CHR4	26760152	CHR4:26760152	SSF x Far_LoA	-9,17904412	-0,047	0,305
CHR4	26760153	CHR4:26760153	SSF x Far_LoA	-9,50170752	-0,009	0,308
CHR4	26760160	CHR4:26760160	SSF x Far_LoA	-8,21911361	0,007	0,323
CHR4	26760217	CHR4:26760217	SSF x Far_LoA	-9,53430515	0,064	0,313
CHR4	26760279	CHR4:26760279	SSF x Far_LoA	-7,86641194	-0,072	0,297
CHR4	26762971	CHR4:26762971	SSF x Far_LoA	-6,02962909	0,196	0,286

CHR4	26763029	CHR4:26763029	SSF x Far_LoA	-7,11130178	-0,060	0,310
CHR4	26764223	CHR4:26764223	SSF x Far_LoA	-10,1954761	-0,042	0,324
CHR4	26766389	CHR4:26766389	SSF x Far_LoA	-9,18037783	0,057	0,284
CHR4	26766514	CHR4:26766514	SSF x Far_LoA	-8,98839694	-0,037	0,309
CHR4	26771477	CHR4:26771477	SSF x Far_LoA	-8,36830783	0,124	0,312
CHR4	26771591	CHR4:26771591	SSF x Far_LoA	-8,62663622	-0,087	0,298
CHR4	26771685	CHR4:26771685	SSF x Far_LoA	-10,42945	0,115	0,310
CHR4	26777255	CHR4:26777255	SSF x Far_LoA	-7,06086448	0,115	0,314
CHR4	26777459	CHR4:26777459	SSF x Far_LoA	-5,38529345	-0,070	0,310
CHR4	26778952	CHR4:26778952	SSF x Far_LoA	-11,1281644	0,012	0,310
CHR4	2677896	CHR4:2677896	SSF x Far_LoA	-10,9465222	-0,032	0,296
CHR4	2678074	CHR4:2678074	SSF x Far_LoA	-7,08062052	0,037	0,305
CHR4	26789282	CHR4:26789282	SSF x Far_LoA	-9,45899342	0,035	0,319
CHR4	26789437	CHR4:26789437	SSF x Far_LoA	-7,48987567	-0,029	0,317
CHR4	26795328	CHR4:26795328	SSF x Far_LoA	-7,61727297	0,018	0,316
CHR4	26795339	CHR4:26795339	SSF x Far_LoA	1,60000046	0,023	0,301
CHR4	26795359	CHR4:26795359	SSF x Far_LoA	-8,77962798	0,091	0,310
CHR4	26795412	CHR4:26795412	SSF x Far_LoA	-4,89706361	-0,148	0,307
CHR4	26795473	CHR4:26795473	SSF x Far_LoA	-8,74510119	-0,018	0,308
CHR4	26807952	CHR4:26807952	SSF x Far_LoA	-9,02616792	-0,066	0,309
CHR4	26808060	CHR4:26808060	SSF x Far_LoA	-10,0415421	0,094	0,308
CHR4	26815061	CHR4:26815061	SSF x Far_LoA	-9,4132599	-0,008	0,314
CHR4	26815073	CHR4:26815073	SSF x Far_LoA	-10,9193591	0,078	0,309
CHR4	26815112	CHR4:26815112	SSF x Far_LoA	-10,2559931	0,002	0,325
CHR4	268228	CHR4:268228	SSF x Far_LoA	-7,59712371	-0,132	0,314
CHR4	26824401	CHR4:26824401	SSF x Far_LoA	-10,586718	-0,068	0,305
CHR4	26824404	CHR4:26824404	SSF x Far_LoA	-11,4709328	0,085	0,317
CHR4	26824416	CHR4:26824416	SSF x Far_LoA	-9,98164813	-0,073	0,302
CHR4	26824418	CHR4:26824418	SSF x Far_LoA	-7,39118293	-0,074	0,305
CHR4	26824419	CHR4:26824419	SSF x Far_LoA	-7,96344943	-0,060	0,308
CHR4	26824444	CHR4:26824444	SSF x Far_LoA	-6,17626804	-0,135	0,306
CHR4	26824475	CHR4:26824475	SSF x Far_LoA	-9,09389454	-0,047	0,318
CHR4	26824576	CHR4:26824576	SSF x Far_LoA	-9,14593849	0,015	0,317
CHR4	268369	CHR4:268369	SSF x Far_LoA	-6,4604997	-0,074	0,313
CHR4	26840325	CHR4:26840325	SSF x Far_LoA	-8,99936303	-0,122	0,300
CHR4	26840360	CHR4:26840360	SSF x Far_LoA	-7,87797021	0,001	0,306
CHR4	26840362	CHR4:26840362	SSF x Far_LoA	-8,60412394	-0,009	0,298
CHR4	2684332	CHR4:2684332	SSF x Far_LoA	-7,12140117	-0,053	0,320
CHR4	2684335	CHR4:2684335	SSF x Far_LoA	-1,00069451	0,153	0,294
CHR4	26849266	CHR4:26849266	SSF x Far_LoA	-8,57635327	0,013	0,324
CHR4	26849476	CHR4:26849476	SSF x Far_LoA	-6,98471036	0,165	0,305
CHR4	26861137	CHR4:26861137	SSF x Far_LoA	-9,28026531	0,045	0,306
CHR4	26861177	CHR4:26861177	SSF x Far_LoA	-9,26633837	0,054	0,306
CHR4	26870084	CHR4:26870084	SSF x Far_LoA	-6,49609693	0,043	0,304
CHR4	26870086	CHR4:26870086	SSF x Far_LoA	-11,8373244	0,034	0,314
CHR4	26870110	CHR4:26870110	SSF x Far_LoA	-10,48841	-0,046	0,307
CHR4	26870134	CHR4:26870134	SSF x Far_LoA	-8,19616828	0,026	0,307
CHR4	26870135	CHR4:26870135	SSF x Far_LoA	-7,4320755	0,057	0,301
CHR4	26870197	CHR4:26870197	SSF x Far_LoA	-7,80517508	0,098	0,305
CHR4	26870198	CHR4:26870198	SSF x Far_LoA	-11,2610225	-0,037	0,300
CHR4	26876054	CHR4:26876054	SSF x Far_LoA	-8,75986716	0,042	0,301
CHR4	26876091	CHR4:26876091	SSF x Far_LoA	-9,24664305	0,041	0,289
CHR4	26876157	CHR4:26876157	SSF x Far_LoA	-4,37171658	0,061	0,301

CHR4	26876190	CHR4:26876190	SSF x Far_LoA	-8,01055777	-0,125	0,307
CHR4	26876202	CHR4:26876202	SSF x Far_LoA	-10,727823	-0,046	0,293
CHR4	26876218	CHR4:26876218	SSF x Far_LoA	-11,4453988	-0,026	0,316
CHR4	26876234	CHR4:26876234	SSF x Far_LoA	-10,8290115	0,061	0,295
CHR4	26876249	CHR4:26876249	SSF x Far_LoA	-4,39478023	-0,013	0,322
CHR4	26886743	CHR4:26886743	SSF x Far_LoA	-10,1390098	0,174	0,290
CHR4	26908526	CHR4:26908526	SSF x Far_LoA	-9,0228772	0,006	0,311
CHR4	26908545	CHR4:26908545	SSF x Far_LoA	-11,4227027	0,053	0,291
CHR4	26926470	CHR4:26926470	SSF x Far_LoA	-8,51339672	-0,023	0,321
CHR4	26926585	CHR4:26926585	SSF x Far_LoA	-10,4621708	-0,001	0,309
CHR4	26926637	CHR4:26926637	SSF x Far_LoA	-8,66135219	-0,035	0,316
CHR4	26926648	CHR4:26926648	SSF x Far_LoA	-0,28910256	0,021	0,315
CHR4	26926671	CHR4:26926671	SSF x Far_LoA	-10,8673596	-0,002	0,299
CHR4	26926691	CHR4:26926691	SSF x Far_LoA	-9,34080347	-0,020	0,302
CHR4	26932376	CHR4:26932376	SSF x Far_LoA	-6,18125958	0,053	0,305
CHR4	26932392	CHR4:26932392	SSF x Far_LoA	-8,7360683	-0,094	0,290
CHR4	26932404	CHR4:26932404	SSF x Far_LoA	-9,24590981	-0,002	0,314
CHR4	26932473	CHR4:26932473	SSF x Far_LoA	-9,34887362	-0,050	0,321
CHR4	26932485	CHR4:26932485	SSF x Far_LoA	-8,17406624	-0,070	0,305
CHR4	26932587	CHR4:26932587	SSF x Far_LoA	-9,5740926	-0,067	0,308
CHR4	26933616	CHR4:26933616	SSF x Far_LoA	-10,5337604	0,023	0,305
CHR4	26933671	CHR4:26933671	SSF x Far_LoA	-10,7758829	0,007	0,308
CHR4	26939471	CHR4:26939471	SSF x Far_LoA	-7,36561765	-0,003	0,302
CHR4	2694703	CHR4:2694703	SSF x Far_LoA	-8,89827886	0,031	0,297
CHR4	2694711	CHR4:2694711	SSF x Far_LoA	-7,11944059	0,036	0,284
CHR4	2694744	CHR4:2694744	SSF x Far_LoA	-9,17056538	0,137	0,312
CHR4	2694800	CHR4:2694800	SSF x Far_LoA	-10,5568723	0,008	0,303
CHR4	2694850	CHR4:2694850	SSF x Far_LoA	-7,60699977	-0,001	0,311
CHR4	2694869	CHR4:2694869	SSF x Far_LoA	-8,86313305	0,163	0,308
CHR4	2694899	CHR4:2694899	SSF x Far_LoA	-9,24319418	-0,029	0,301
CHR4	26952925	CHR4:26952925	SSF x Far_LoA	-9,052488	0,018	0,309
CHR4	26952930	CHR4:26952930	SSF x Far_LoA	-11,7146023	0,010	0,303
CHR4	26952933	CHR4:26952933	SSF x Far_LoA	-11,1908809	-0,013	0,317
CHR4	26953119	CHR4:26953119	SSF x Far_LoA	-8,57320331	-0,042	0,321
CHR4	26953263	CHR4:26953263	SSF x Far_LoA	-10,9147728	-0,061	0,298
CHR4	26961057	CHR4:26961057	SSF x Far_LoA	-9,01711786	0,149	0,306
CHR4	26961084	CHR4:26961084	SSF x Far_LoA	-9,36170799	0,072	0,293
CHR4	26961097	CHR4:26961097	SSF x Far_LoA	-8,82902114	0,082	0,297
CHR4	26963172	CHR4:26963172	SSF x Far_LoA	-0,82013904	0,235	0,291
CHR4	26963217	CHR4:26963217	SSF x Far_LoA	-10,3632704	0,165	0,297
CHR4	26963232	CHR4:26963232	SSF x Far_LoA	-9,71205933	0,099	0,297
CHR4	26963253	CHR4:26963253	SSF x Far_LoA	-7,88812906	0,113	0,296
CHR4	26963259	CHR4:26963259	SSF x Far_LoA	-8,41077871	0,132	0,300
CHR4	26963489	CHR4:26963489	SSF x Far_LoA	-8,82523388	0,035	0,306
CHR4	26963495	CHR4:26963495	SSF x Far_LoA	-9,43017859	0,027	0,295
CHR4	26963534	CHR4:26963534	SSF x Far_LoA	-10,483935	0,036	0,317
CHR4	26963592	CHR4:26963592	SSF x Far_LoA	-8,14185719	0,051	0,301
CHR4	26965205	CHR4:26965205	SSF x Far_LoA	-8,48109097	0,080	0,309
CHR4	26967936	CHR4:26967936	SSF x Far_LoA	-10,6683386	0,005	0,316
CHR4	26968062	CHR4:26968062	SSF x Far_LoA	-8,65870204	0,220	0,288
CHR4	26972002	CHR4:26972002	SSF x Far_LoA	-8,46266929	0,067	0,308
CHR4	26972019	CHR4:26972019	SSF x Far_LoA	-8,434642	0,054	0,310
CHR4	26972021	CHR4:26972021	SSF x Far_LoA	-9,09485536	-0,113	0,307

CHR4	26972203	CHR4:26972203	SSF x Far_LoA	-10,2074983	0,019	0,311
CHR4	26972249	CHR4:26972249	SSF x Far_LoA	-11,3408612	-0,008	0,291
CHR4	26978284	CHR4:26978284	SSF x Far_LoA	-8,92802763	0,036	0,288
CHR4	26979513	CHR4:26979513	SSF x Far_LoA	-10,2261547	-0,010	0,314
CHR4	26989720	CHR4:26989720	SSF x Far_LoA	-9,66354625	0,093	0,310
CHR4	26989746	CHR4:26989746	SSF x Far_LoA	-8,29593762	0,160	0,309
CHR4	26989756	CHR4:26989756	SSF x Far_LoA	-10,1922576	0,043	0,321
CHR4	26989760	CHR4:26989760	SSF x Far_LoA	-7,99651392	0,044	0,290
CHR4	26989768	CHR4:26989768	SSF x Far_LoA	-10,8062305	0,000	0,306
CHR4	26989836	CHR4:26989836	SSF x Far_LoA	-8,43130637	0,045	0,315
CHR4	26989861	CHR4:26989861	SSF x Far_LoA	-3,0978352	-0,114	0,293
CHR4	2699429	CHR4:2699429	SSF x Far_LoA	-11,8001755	0,008	0,312
CHR4	2699493	CHR4:2699493	SSF x Far_LoA	-8,27995648	0,215	0,303
CHR4	2699509	CHR4:2699509	SSF x Far_LoA	-9,34743797	0,004	0,303
CHR4	2699510	CHR4:2699510	SSF x Far_LoA	-9,54300303	-0,050	0,308
CHR4	27002221	CHR4:27002221	SSF x Far_LoA	-10,2796907	-0,041	0,295
CHR4	27002517	CHR4:27002517	SSF x Far_LoA	-10,3331955	-0,119	0,312
CHR4	27020120	CHR4:27020120	SSF x Far_LoA	-8,87301759	0,035	0,316
CHR4	2703403	CHR4:2703403	SSF x Far_LoA	-7,49951109	-0,051	0,307
CHR4	27047652	CHR4:27047652	SSF x Far_LoA	-8,68647799	0,001	0,317
CHR4	27047667	CHR4:27047667	SSF x Far_LoA	-8,79149457	-0,007	0,316
CHR4	27047686	CHR4:27047686	SSF x Far_LoA	-8,55209183	-0,127	0,318
CHR4	27047688	CHR4:27047688	SSF x Far_LoA	-6,72698105	-0,142	0,286
CHR4	27047764	CHR4:27047764	SSF x Far_LoA	-8,7723392	0,005	0,302
CHR4	27047786	CHR4:27047786	SSF x Far_LoA	-9,28923034	-0,034	0,283
CHR4	27047802	CHR4:27047802	SSF x Far_LoA	-10,1681739	-0,112	0,306
CHR4	27062988	CHR4:27062988	SSF x Far_LoA	-9,50545151	0,045	0,321
CHR4	27063004	CHR4:27063004	SSF x Far_LoA	-11,0462482	0,101	0,312
CHR4	27063124	CHR4:27063124	SSF x Far_LoA	-10,2186664	0,033	0,312
CHR4	27063219	CHR4:27063219	SSF x Far_LoA	-10,8214574	0,009	0,309
CHR4	27063267	CHR4:27063267	SSF x Far_LoA	-10,6554625	-0,038	0,316
CHR4	2707823	CHR4:2707823	SSF x Far_LoA	-9,63369081	-0,041	0,307
CHR4	27079197	CHR4:27079197	SSF x Far_LoA	-10,94251	0,023	0,301
CHR4	27079224	CHR4:27079224	SSF x Far_LoA	-8,60839306	0,061	0,314
CHR4	27079357	CHR4:27079357	SSF x Far_LoA	-11,237828	0,040	0,308
CHR4	27079365	CHR4:27079365	SSF x Far_LoA	-7,87378679	0,117	0,306
CHR4	27080409	CHR4:27080409	SSF x Far_LoA	-7,01413027	0,076	0,311
CHR4	27080566	CHR4:27080566	SSF x Far_LoA	-8,91845079	-0,003	0,319
CHR4	27088592	CHR4:27088592	SSF x Far_LoA	-7,31232916	-0,181	0,296
CHR4	27088679	CHR4:27088679	SSF x Far_LoA	-10,8649148	0,000	0,308
CHR4	27091427	CHR4:27091427	SSF x Far_LoA	-9,5332109	0,124	0,309
CHR4	27091433	CHR4:27091433	SSF x Far_LoA	-6,28617241	-0,129	0,297
CHR4	27091446	CHR4:27091446	SSF x Far_LoA	-8,15272859	-0,043	0,303
CHR4	27091461	CHR4:27091461	SSF x Far_LoA	-10,0068993	-0,073	0,292
CHR4	27091486	CHR4:27091486	SSF x Far_LoA	-8,17774301	-0,105	0,302
CHR4	27091499	CHR4:27091499	SSF x Far_LoA	-10,5028154	-0,052	0,290
CHR4	27091548	CHR4:27091548	SSF x Far_LoA	-7,07146376	0,224	0,289
CHR4	27091588	CHR4:27091588	SSF x Far_LoA	-8,15947683	-0,112	0,309
CHR4	27091593	CHR4:27091593	SSF x Far_LoA	-9,19837752	0,062	0,317
CHR4	27098906	CHR4:27098906	SSF x Far_LoA	-9,9035674	0,010	0,298
CHR4	27099041	CHR4:27099041	SSF x Far_LoA	-10,597237	-0,092	0,319
CHR4	27099206	CHR4:27099206	SSF x Far_LoA	-2,84124328	0,008	0,310
CHR4	27108160	CHR4:27108160	SSF x Far_LoA	-10,4061916	-0,045	0,308

CHR4	27108281	CHR4:27108281	SSF x Far_LoA	-9,35634022	-0,055	0,315
CHR4	27118081	CHR4:27118081	SSF x Far_LoA	-5,37209919	0,046	0,301
CHR4	27118157	CHR4:27118157	SSF x Far_LoA	-8,89181413	0,030	0,299
CHR4	2712554	CHR4:2712554	SSF x Far_LoA	-9,87043382	0,074	0,306
CHR4	2712555	CHR4:2712555	SSF x Far_LoA	-11,2217262	-0,015	0,313
CHR4	2712664	CHR4:2712664	SSF x Far_LoA	-10,7859366	0,098	0,316
CHR4	27130531	CHR4:27130531	SSF x Far_LoA	-9,04237003	-0,037	0,306
CHR4	27130554	CHR4:27130554	SSF x Far_LoA	-8,84780902	-0,090	0,301
CHR4	27130584	CHR4:27130584	SSF x Far_LoA	-4,0030058	0,060	0,298
CHR4	27130597	CHR4:27130597	SSF x Far_LoA	-6,84571031	0,160	0,295
CHR4	27130603	CHR4:27130603	SSF x Far_LoA	-10,7450203	-0,103	0,303
CHR4	27130612	CHR4:27130612	SSF x Far_LoA	-10,86451	0,002	0,298
CHR4	27136865	CHR4:27136865	SSF x Far_LoA	-9,5182409	0,068	0,322
CHR4	27139431	CHR4:27139431	SSF x Far_LoA	-9,84899104	0,157	0,288
CHR4	27141148	CHR4:27141148	SSF x Far_LoA	-9,02651423	-0,021	0,294
CHR4	27141192	CHR4:27141192	SSF x Far_LoA	-9,32009817	-0,045	0,313
CHR4	27141209	CHR4:27141209	SSF x Far_LoA	-7,01107768	0,134	0,301
CHR4	27148037	CHR4:27148037	SSF x Far_LoA	-9,01638759	0,013	0,311
CHR4	27159421	CHR4:27159421	SSF x Far_LoA	-9,10181437	-0,105	0,307
CHR4	27159458	CHR4:27159458	SSF x Far_LoA	-9,21963806	-0,003	0,306
CHR4	27164565	CHR4:27164565	SSF x Far_LoA	-11,2936446	0,021	0,297
CHR4	27164854	CHR4:27164854	SSF x Far_LoA	-8,22193402	0,077	0,315
CHR4	27170587	CHR4:27170587	SSF x Far_LoA	-11,2207053	-0,023	0,296
CHR4	27170616	CHR4:27170616	SSF x Far_LoA	-8,728745	0,116	0,302
CHR4	27170671	CHR4:27170671	SSF x Far_LoA	-10,6290778	0,024	0,323
CHR4	27170683	CHR4:27170683	SSF x Far_LoA	-9,6959963	-0,048	0,316
CHR4	27170684	CHR4:27170684	SSF x Far_LoA	-10,2539258	0,046	0,293
CHR4	27170693	CHR4:27170693	SSF x Far_LoA	-9,30793841	-0,058	0,309
CHR4	27170730	CHR4:27170730	SSF x Far_LoA	-9,63008784	-0,031	0,316
CHR4	27170754	CHR4:27170754	SSF x Far_LoA	-8,88940816	0,017	0,303
CHR4	27176131	CHR4:27176131	SSF x Far_LoA	-9,83099122	-0,044	0,308
CHR4	27176206	CHR4:27176206	SSF x Far_LoA	-9,95015459	0,058	0,295
CHR4	27176236	CHR4:27176236	SSF x Far_LoA	-8,64497475	0,100	0,307
CHR4	27176326	CHR4:27176326	SSF x Far_LoA	-9,42986063	-0,009	0,324
CHR4	27179557	CHR4:27179557	SSF x Far_LoA	-6,88618293	0,154	0,282
CHR4	27179565	CHR4:27179565	SSF x Far_LoA	-6,95560367	-0,114	0,290
CHR4	27179577	CHR4:27179577	SSF x Far_LoA	-2,45966456	-0,190	0,300
CHR4	27179677	CHR4:27179677	SSF x Far_LoA	-8,42336909	-0,013	0,305
CHR4	27193088	CHR4:27193088	SSF x Far_LoA	-9,84936997	-0,010	0,309
CHR4	27243352	CHR4:27243352	SSF x Far_LoA	-8,9718101	0,101	0,312
CHR4	27246697	CHR4:27246697	SSF x Far_LoA	-11,7192054	0,013	0,305
CHR4	27246798	CHR4:27246798	SSF x Far_LoA	-11,2583421	0,033	0,309
CHR4	27248715	CHR4:27248715	SSF x Far_LoA	-8,6764472	-0,026	0,297
CHR4	27248784	CHR4:27248784	SSF x Far_LoA	-10,2505763	-0,022	0,298
CHR4	27248785	CHR4:27248785	SSF x Far_LoA	-8,54746345	-0,061	0,291
CHR4	2725445	CHR4:2725445	SSF x Far_LoA	-3,72556584	-0,096	0,319
CHR4	2725458	CHR4:2725458	SSF x Far_LoA	-10,8076275	-0,069	0,304
CHR4	2725464	CHR4:2725464	SSF x Far_LoA	-9,18669243	-0,003	0,305
CHR4	2725469	CHR4:2725469	SSF x Far_LoA	-11,2735844	0,005	0,304
CHR4	2725487	CHR4:2725487	SSF x Far_LoA	-11,0077538	-0,098	0,300
CHR4	2725498	CHR4:2725498	SSF x Far_LoA	-11,3175432	-0,094	0,304
CHR4	2725536	CHR4:2725536	SSF x Far_LoA	-8,18255696	0,082	0,303
CHR4	27260370	CHR4:27260370	SSF x Far_LoA	-9,16359622	-0,050	0,310

CHR4	27260379	CHR4:27260379	SSF x Far_LoA	-9,07648923	0,043	0,326
CHR4	27260389	CHR4:27260389	SSF x Far_LoA	-9,83940422	-0,059	0,298
CHR4	27260394	CHR4:27260394	SSF x Far_LoA	-10,6614312	-0,017	0,297
CHR4	27261240	CHR4:27261240	SSF x Far_LoA	-8,55794536	0,174	0,282
CHR4	2727992	CHR4:2727992	SSF x Far_LoA	-12,0822788	-0,026	0,307
CHR4	27301689	CHR4:27301689	SSF x Far_LoA	-10,3200309	-0,098	0,300
CHR4	27301749	CHR4:27301749	SSF x Far_LoA	-11,4571849	-0,073	0,302
CHR4	27301756	CHR4:27301756	SSF x Far_LoA	-9,83459922	0,013	0,299
CHR4	27310185	CHR4:27310185	SSF x Far_LoA	-8,40424898	-0,058	0,307
CHR4	27310318	CHR4:27310318	SSF x Far_LoA	-9,55468559	0,051	0,298
CHR4	27327156	CHR4:27327156	SSF x Far_LoA	-11,8655259	-0,009	0,301
CHR4	27327340	CHR4:27327340	SSF x Far_LoA	-8,98091748	-0,095	0,317
CHR4	27327414	CHR4:27327414	SSF x Far_LoA	-10,9078949	0,024	0,305
CHR4	27334387	CHR4:27334387	SSF x Far_LoA	-10,1067288	0,118	0,305
CHR4	27334420	CHR4:27334420	SSF x Far_LoA	-12,2334517	0,035	0,302
CHR4	27343678	CHR4:27343678	SSF x Far_LoA	-10,382962	0,117	0,300
CHR4	2734422	CHR4:2734422	SSF x Far_LoA	-6,5428631	-0,025	0,299
CHR4	27344257	CHR4:27344257	SSF x Far_LoA	-6,15867273	-0,037	0,325
CHR4	2734487	CHR4:2734487	SSF x Far_LoA	-10,6848346	-0,024	0,307
CHR4	2734491	CHR4:2734491	SSF x Far_LoA	-9,85310182	0,010	0,305
CHR4	27345015	CHR4:27345015	SSF x Far_LoA	-11,6108077	0,068	0,307
CHR4	27345129	CHR4:27345129	SSF x Far_LoA	-9,93416347	0,132	0,296
CHR4	27345192	CHR4:27345192	SSF x Far_LoA	-11,0577349	-0,007	0,311
CHR4	27345237	CHR4:27345237	SSF x Far_LoA	-11,4617573	-0,070	0,303
CHR4	27346392	CHR4:27346392	SSF x Far_LoA	-6,94740672	-0,144	0,304
CHR4	27346921	CHR4:27346921	SSF x Far_LoA	-10,4059952	0,012	0,308
CHR4	27347011	CHR4:27347011	SSF x Far_LoA	-10,73306	0,003	0,310
CHR4	27347060	CHR4:27347060	SSF x Far_LoA	-11,4433351	0,081	0,296
CHR4	27352831	CHR4:27352831	SSF x Far_LoA	-10,5908776	-0,001	0,297
CHR4	27352858	CHR4:27352858	SSF x Far_LoA	-9,49316622	0,013	0,307
CHR4	27352869	CHR4:27352869	SSF x Far_LoA	-11,1370074	-0,092	0,307
CHR4	27352884	CHR4:27352884	SSF x Far_LoA	-10,1569868	0,009	0,302
CHR4	27352885	CHR4:27352885	SSF x Far_LoA	-9,96304413	-0,007	0,315
CHR4	27353068	CHR4:27353068	SSF x Far_LoA	-11,4867722	0,081	0,290
CHR4	27353080	CHR4:27353080	SSF x Far_LoA	-9,65117433	0,001	0,309
CHR4	27354923	CHR4:27354923	SSF x Far_LoA	-9,72521673	0,125	0,297
CHR4	27354942	CHR4:27354942	SSF x Far_LoA	-6,05831289	-0,136	0,307
CHR4	27354957	CHR4:27354957	SSF x Far_LoA	-9,14095401	0,170	0,290
CHR4	27360548	CHR4:27360548	SSF x Far_LoA	-9,49678619	-0,038	0,286
CHR4	27360683	CHR4:27360683	SSF x Far_LoA	-8,34658336	0,052	0,307
CHR4	27363035	CHR4:27363035	SSF x Far_LoA	-8,23436607	-0,051	0,303
CHR4	27364000	CHR4:27364000	SSF x Far_LoA	-11,6392674	-0,001	0,308
CHR4	27364007	CHR4:27364007	SSF x Far_LoA	-8,65879585	-0,002	0,316
CHR4	27367019	CHR4:27367019	SSF x Far_LoA	-8,82753547	-0,048	0,308
CHR4	27367022	CHR4:27367022	SSF x Far_LoA	-9,46057072	0,017	0,300
CHR4	27369167	CHR4:27369167	SSF x Far_LoA	-9,34517546	0,093	0,297
CHR4	27369172	CHR4:27369172	SSF x Far_LoA	-7,84986757	-0,163	0,275
CHR4	27369273	CHR4:27369273	SSF x Far_LoA	-4,19237369	-0,159	0,312
CHR4	27384788	CHR4:27384788	SSF x Far_LoA	-11,6086686	-0,008	0,320
CHR4	27409035	CHR4:27409035	SSF x Far_LoA	-7,8860286	-0,016	0,311
CHR4	27419422	CHR4:27419422	SSF x Far_LoA	-7,87178895	0,054	0,310
CHR4	2742547	CHR4:2742547	SSF x Far_LoA	1,61855599	0,081	0,296
CHR4	2742699	CHR4:2742699	SSF x Far_LoA	-9,46480896	-0,010	0,314

CHR4	2742702	CHR4:2742702	SSF x Far_LoA	-8,66366862	-0,096	0,306
CHR4	2742725	CHR4:2742725	SSF x Far_LoA	-10,8943727	0,002	0,307
CHR4	27429903	CHR4:27429903	SSF x Far_LoA	-8,97030619	-0,032	0,297
CHR4	27430040	CHR4:27430040	SSF x Far_LoA	-11,2661478	0,056	0,304
CHR4	27430152	CHR4:27430152	SSF x Far_LoA	-8,24202608	0,084	0,318
CHR4	27434290	CHR4:27434290	SSF x Far_LoA	-8,40532074	-0,124	0,297
CHR4	27434465	CHR4:27434465	SSF x Far_LoA	-8,70519374	-0,078	0,293
CHR4	27435377	CHR4:27435377	SSF x Far_LoA	-9,51738495	0,127	0,308
CHR4	27435618	CHR4:27435618	SSF x Far_LoA	-9,87360261	-0,041	0,311
CHR4	27438129	CHR4:27438129	SSF x Far_LoA	-8,84196524	0,073	0,301
CHR4	27438220	CHR4:27438220	SSF x Far_LoA	-10,3809713	-0,057	0,317
CHR4	27438276	CHR4:27438276	SSF x Far_LoA	-8,6080168	0,054	0,320
CHR4	2745967	CHR4:2745967	SSF x Far_LoA	-9,05489387	-0,010	0,294
CHR4	2746216	CHR4:2746216	SSF x Far_LoA	-11,1503676	0,066	0,302
CHR4	2746260	CHR4:2746260	SSF x Far_LoA	-9,02562203	0,035	0,305
CHR4	27465861	CHR4:27465861	SSF x Far_LoA	-10,3553076	-0,009	0,300
CHR4	27465961	CHR4:27465961	SSF x Far_LoA	-8,89594491	0,116	0,297
CHR4	27467801	CHR4:27467801	SSF x Far_LoA	-8,10530763	0,000	0,309
CHR4	27472036	CHR4:27472036	SSF x Far_LoA	-9,39096646	0,034	0,300
CHR4	27491291	CHR4:27491291	SSF x Far_LoA	-8,93057316	0,027	0,297
CHR4	27491452	CHR4:27491452	SSF x Far_LoA	-10,2166566	-0,087	0,307
CHR4	27491456	CHR4:27491456	SSF x Far_LoA	-4,86687268	0,053	0,310
CHR4	27491474	CHR4:27491474	SSF x Far_LoA	-8,17624324	-0,108	0,302
CHR4	27496171	CHR4:27496171	SSF x Far_LoA	-12,1576873	0,035	0,299
CHR4	27511028	CHR4:27511028	SSF x Far_LoA	-9,69806946	-0,076	0,310
CHR4	27511121	CHR4:27511121	SSF x Far_LoA	-9,90656528	-0,021	0,309
CHR4	27513326	CHR4:27513326	SSF x Far_LoA	-6,58868541	0,098	0,311
CHR4	27513337	CHR4:27513337	SSF x Far_LoA	-11,6964538	-0,029	0,300
CHR4	27513338	CHR4:27513338	SSF x Far_LoA	-7,47922775	0,099	0,308
CHR4	2751723	CHR4:2751723	SSF x Far_LoA	-8,57846096	-0,068	0,308
CHR4	27520348	CHR4:27520348	SSF x Far_LoA	-9,5134248	0,058	0,303
CHR4	27520349	CHR4:27520349	SSF x Far_LoA	-10,3266292	0,131	0,302
CHR4	27522545	CHR4:27522545	SSF x Far_LoA	-10,3950423	-0,002	0,313
CHR4	27522602	CHR4:27522602	SSF x Far_LoA	-9,6966476	-0,108	0,314
CHR4	27522605	CHR4:27522605	SSF x Far_LoA	-10,1940771	-0,116	0,309
CHR4	27522608	CHR4:27522608	SSF x Far_LoA	-10,0901761	-0,132	0,310
CHR4	27524408	CHR4:27524408	SSF x Far_LoA	1,46409726	-0,185	0,303
CHR4	27524492	CHR4:27524492	SSF x Far_LoA	-7,35433609	0,009	0,308
CHR4	27524535	CHR4:27524535	SSF x Far_LoA	-9,28946789	-0,030	0,309
CHR4	27526250	CHR4:27526250	SSF x Far_LoA	-8,95186818	-0,077	0,299
CHR4	27526253	CHR4:27526253	SSF x Far_LoA	-6,80268635	-0,104	0,296
CHR4	27526272	CHR4:27526272	SSF x Far_LoA	-7,17476857	-0,110	0,310
CHR4	27530211	CHR4:27530211	SSF x Far_LoA	-11,4434098	0,074	0,307
CHR4	27530227	CHR4:27530227	SSF x Far_LoA	-5,86654965	0,223	0,285
CHR4	27530246	CHR4:27530246	SSF x Far_LoA	-10,474753	-0,163	0,297
CHR4	27530553	CHR4:27530553	SSF x Far_LoA	-8,52847995	0,103	0,298
CHR4	27573146	CHR4:27573146	SSF x Far_LoA	-9,65951857	0,085	0,303
CHR4	27598605	CHR4:27598605	SSF x Far_LoA	-5,2065661	0,188	0,294
CHR4	27598613	CHR4:27598613	SSF x Far_LoA	-11,1699246	-0,002	0,302
CHR4	27598646	CHR4:27598646	SSF x Far_LoA	-8,67594963	0,028	0,308
CHR4	27598649	CHR4:27598649	SSF x Far_LoA	-12,0377755	0,092	0,292
CHR4	27598662	CHR4:27598662	SSF x Far_LoA	-9,99680459	0,103	0,292
CHR4	27598760	CHR4:27598760	SSF x Far_LoA	-10,522891	0,012	0,312

CHR4	27598772	CHR4:27598772	SSF x Far_LoA	-9,65913471	-0,043	0,305
CHR4	27605722	CHR4:27605722	SSF x Far_LoA	-6,02321478	-0,048	0,308
CHR4	27608903	CHR4:27608903	SSF x Far_LoA	-8,73926254	-0,036	0,304
CHR4	27608922	CHR4:27608922	SSF x Far_LoA	-8,98774627	-0,095	0,291
CHR4	27637079	CHR4:27637079	SSF x Far_LoA	-6,76497919	0,101	0,307
CHR4	27637169	CHR4:27637169	SSF x Far_LoA	-11,5232008	-0,043	0,292
CHR4	27637175	CHR4:27637175	SSF x Far_LoA	-10,2229568	-0,064	0,314
CHR4	27637315	CHR4:27637315	SSF x Far_LoA	-7,71824532	0,136	0,297
CHR4	27642064	CHR4:27642064	SSF x Far_LoA	-10,4980933	0,008	0,308
CHR4	27642242	CHR4:27642242	SSF x Far_LoA	-9,39261409	-0,013	0,311
CHR4	27644655	CHR4:27644655	SSF x Far_LoA	-6,47035543	0,156	0,300
CHR4	27644715	CHR4:27644715	SSF x Far_LoA	-8,48687778	-0,072	0,306
CHR4	27644786	CHR4:27644786	SSF x Far_LoA	-6,95779609	-0,002	0,304
CHR4	27645621	CHR4:27645621	SSF x Far_LoA	-5,53531504	0,192	0,306
CHR4	27645623	CHR4:27645623	SSF x Far_LoA	-8,8298726	0,174	0,298
CHR4	27655068	CHR4:27655068	SSF x Far_LoA	-7,44207942	0,079	0,313
CHR4	27655093	CHR4:27655093	SSF x Far_LoA	-9,14254707	-0,120	0,293
CHR4	27655159	CHR4:27655159	SSF x Far_LoA	-8,67872527	0,037	0,300
CHR4	27682702	CHR4:27682702	SSF x Far_LoA	-10,7492747	-0,002	0,294
CHR4	27682707	CHR4:27682707	SSF x Far_LoA	-8,85496568	0,014	0,309
CHR4	2768432	CHR4:2768432	SSF x Far_LoA	-12,4393982	-0,038	0,301
CHR4	27684644	CHR4:27684644	SSF x Far_LoA	-11,897447	-0,011	0,323
CHR4	27684713	CHR4:27684713	SSF x Far_LoA	-10,190992	0,066	0,299
CHR4	27684714	CHR4:27684714	SSF x Far_LoA	-6,24685771	0,139	0,301
CHR4	27684716	CHR4:27684716	SSF x Far_LoA	-10,9345409	0,104	0,291
CHR4	27684717	CHR4:27684717	SSF x Far_LoA	-11,4545433	0,095	0,293
CHR4	27684718	CHR4:27684718	SSF x Far_LoA	-11,7298219	0,087	0,296
CHR4	27684742	CHR4:27684742	SSF x Far_LoA	-3,02370229	0,142	0,310
CHR4	27684774	CHR4:27684774	SSF x Far_LoA	-9,42299835	0,086	0,293
CHR4	2768606	CHR4:2768606	SSF x Far_LoA	-8,93524208	-0,139	0,294
CHR4	2768630	CHR4:2768630	SSF x Far_LoA	-7,61768843	0,144	0,290
CHR4	2768651	CHR4:2768651	SSF x Far_LoA	-10,6993404	0,046	0,301
CHR4	27694594	CHR4:27694594	SSF x Far_LoA	-7,79720789	0,066	0,309
CHR4	27694614	CHR4:27694614	SSF x Far_LoA	-11,3071688	0,009	0,309
CHR4	27694629	CHR4:27694629	SSF x Far_LoA	-6,75886196	0,113	0,288
CHR4	27694630	CHR4:27694630	SSF x Far_LoA	-9,18157	-0,007	0,298
CHR4	27694631	CHR4:27694631	SSF x Far_LoA	-10,1134817	0,013	0,312
CHR4	27694632	CHR4:27694632	SSF x Far_LoA	-9,64626307	0,122	0,290
CHR4	27694641	CHR4:27694641	SSF x Far_LoA	-7,46960035	-0,146	0,293
CHR4	27694654	CHR4:27694654	SSF x Far_LoA	-10,3367646	0,115	0,292
CHR4	27694794	CHR4:27694794	SSF x Far_LoA	-7,74613255	-0,160	0,295
CHR4	27694802	CHR4:27694802	SSF x Far_LoA	-9,27819337	0,127	0,298
CHR4	27694824	CHR4:27694824	SSF x Far_LoA	-11,8599422	0,058	0,299
CHR4	27694829	CHR4:27694829	SSF x Far_LoA	-7,77457241	0,040	0,295
CHR4	27694840	CHR4:27694840	SSF x Far_LoA	-10,6879322	0,078	0,304
CHR4	27698139	CHR4:27698139	SSF x Far_LoA	-11,19931	0,107	0,288
CHR4	27698167	CHR4:27698167	SSF x Far_LoA	-11,044642	0,044	0,292
CHR4	27698259	CHR4:27698259	SSF x Far_LoA	-11,9992721	-0,074	0,308
CHR4	27698272	CHR4:27698272	SSF x Far_LoA	-8,03468891	-0,140	0,307
CHR4	27698273	CHR4:27698273	SSF x Far_LoA	-7,186089	0,175	0,291
CHR4	27698321	CHR4:27698321	SSF x Far_LoA	-9,63194475	0,092	0,302
CHR4	27698348	CHR4:27698348	SSF x Far_LoA	-9,16186997	0,175	0,308
CHR4	27698383	CHR4:27698383	SSF x Far_LoA	-6,13845195	-0,122	0,298

CHR4	27698395	CHR4:27698395	SSF x Far_LoA	-10,8286105	-0,094	0,307
CHR4	27698404	CHR4:27698404	SSF x Far_LoA	-9,24344726	-0,089	0,315
CHR4	27698417	CHR4:27698417	SSF x Far_LoA	-11,2014212	-0,051	0,313
CHR4	27698423	CHR4:27698423	SSF x Far_LoA	-8,79761956	0,026	0,310
CHR4	27698452	CHR4:27698452	SSF x Far_LoA	-11,5125267	0,053	0,314
CHR4	2771034	CHR4:2771034	SSF x Far_LoA	-11,5081559	-0,076	0,300
CHR4	2771211	CHR4:2771211	SSF x Far_LoA	-4,46915264	-0,058	0,322
CHR4	2771221	CHR4:2771221	SSF x Far_LoA	-7,04158673	-0,169	0,296
CHR4	27716444	CHR4:27716444	SSF x Far_LoA	-9,23732632	-0,078	0,302
CHR4	27716446	CHR4:27716446	SSF x Far_LoA	-8,6764403	0,045	0,323
CHR4	27716488	CHR4:27716488	SSF x Far_LoA	-9,65660836	-0,053	0,298
CHR4	27716569	CHR4:27716569	SSF x Far_LoA	-11,691581	-0,002	0,300
CHR4	27716602	CHR4:27716602	SSF x Far_LoA	-10,6979994	0,012	0,307
CHR4	27716634	CHR4:27716634	SSF x Far_LoA	-8,52096943	-0,190	0,298
CHR4	27716654	CHR4:27716654	SSF x Far_LoA	-11,8132998	0,009	0,305
CHR4	27729082	CHR4:27729082	SSF x Far_LoA	-10,1256745	0,150	0,306
CHR4	27730854	CHR4:27730854	SSF x Far_LoA	-10,5378435	0,048	0,294
CHR4	27730962	CHR4:27730962	SSF x Far_LoA	-10,2367687	0,018	0,299
CHR4	27731054	CHR4:27731054	SSF x Far_LoA	-10,3095467	0,021	0,320
CHR4	27743970	CHR4:27743970	SSF x Far_LoA	-9,34307991	0,026	0,309
CHR4	27744053	CHR4:27744053	SSF x Far_LoA	-9,25756179	-0,069	0,299
CHR4	27745213	CHR4:27745213	SSF x Far_LoA	-8,30539661	-0,080	0,304
CHR4	27746328	CHR4:27746328	SSF x Far_LoA	-10,3773137	-0,052	0,322
CHR4	27746396	CHR4:27746396	SSF x Far_LoA	-9,68096252	-0,047	0,305
CHR4	27753096	CHR4:27753096	SSF x Far_LoA	-9,17430554	-0,103	0,314
CHR4	27753111	CHR4:27753111	SSF x Far_LoA	-10,3094255	0,000	0,311
CHR4	27757653	CHR4:27757653	SSF x Far_LoA	-6,52077798	-0,053	0,302
CHR4	27757768	CHR4:27757768	SSF x Far_LoA	-9,48176811	-0,081	0,309
CHR4	27765670	CHR4:27765670	SSF x Far_LoA	-9,41590653	0,049	0,309
CHR4	27766719	CHR4:27766719	SSF x Far_LoA	-9,35332724	0,013	0,300
CHR4	27766724	CHR4:27766724	SSF x Far_LoA	-9,31658149	0,028	0,305
CHR4	2777276	CHR4:2777276	SSF x Far_LoA	-8,55816268	0,019	0,326
CHR4	2777415	CHR4:2777415	SSF x Far_LoA	-10,6508875	0,043	0,324
CHR4	2777428	CHR4:2777428	SSF x Far_LoA	-9,92891384	-0,037	0,325
CHR4	2777451	CHR4:2777451	SSF x Far_LoA	-8,0112553	-0,106	0,295
CHR4	2777490	CHR4:2777490	SSF x Far_LoA	-11,1117854	-0,107	0,308
CHR4	27775156	CHR4:27775156	SSF x Far_LoA	-11,4555319	0,003	0,304
CHR4	27775191	CHR4:27775191	SSF x Far_LoA	-5,32057956	0,144	0,305
CHR4	27775220	CHR4:27775220	SSF x Far_LoA	-8,94399761	0,153	0,301
CHR4	27775296	CHR4:27775296	SSF x Far_LoA	-11,4467794	-0,136	0,305
CHR4	27775349	CHR4:27775349	SSF x Far_LoA	-6,53704719	0,125	0,314
CHR4	27779074	CHR4:27779074	SSF x Far_LoA	-11,3597171	0,052	0,302
CHR4	27779096	CHR4:27779096	SSF x Far_LoA	-6,33936141	0,035	0,291
CHR4	27779174	CHR4:27779174	SSF x Far_LoA	-8,33817014	0,076	0,290
CHR4	2780360	CHR4:2780360	SSF x Far_LoA	-7,10218834	-0,057	0,309
CHR4	27814463	CHR4:27814463	SSF x Far_LoA	-7,22245931	-0,173	0,298
CHR4	27814464	CHR4:27814464	SSF x Far_LoA	-6,03594458	0,212	0,272
CHR4	27814495	CHR4:27814495	SSF x Far_LoA	-5,08599743	-0,193	0,297
CHR4	27814527	CHR4:27814527	SSF x Far_LoA	-10,3308975	-0,054	0,307
CHR4	27814586	CHR4:27814586	SSF x Far_LoA	-8,4324037	0,181	0,279
CHR4	27818519	CHR4:27818519	SSF x Far_LoA	-9,22527391	0,033	0,306
CHR4	27818566	CHR4:27818566	SSF x Far_LoA	-8,68889257	0,003	0,316
CHR4	27818641	CHR4:27818641	SSF x Far_LoA	-11,5140568	0,015	0,309

CHR4	27828147	CHR4:27828147	SSF x Far_LoA	-8,57171377	0,075	0,305
CHR4	27828177	CHR4:27828177	SSF x Far_LoA	-9,30804839	0,150	0,300
CHR4	27828185	CHR4:27828185	SSF x Far_LoA	-8,74504888	0,000	0,302
CHR4	27828224	CHR4:27828224	SSF x Far_LoA	-4,99490488	-0,111	0,292
CHR4	27828333	CHR4:27828333	SSF x Far_LoA	-10,6648839	-0,104	0,311
CHR4	27835898	CHR4:27835898	SSF x Far_LoA	-7,60798608	-0,131	0,313
CHR4	27835902	CHR4:27835902	SSF x Far_LoA	-6,79506699	-0,016	0,301
CHR4	27893674	CHR4:27893674	SSF x Far_LoA	-7,18397432	0,083	0,288
CHR4	27893722	CHR4:27893722	SSF x Far_LoA	-9,44589176	0,025	0,319
CHR4	27893950	CHR4:27893950	SSF x Far_LoA	-1,96412466	-0,093	0,303
CHR4	27896107	CHR4:27896107	SSF x Far_LoA	-6,75736425	-0,161	0,303
CHR4	27896196	CHR4:27896196	SSF x Far_LoA	-10,2823807	-0,090	0,303
CHR4	27896210	CHR4:27896210	SSF x Far_LoA	-8,19597463	-0,049	0,303
CHR4	27900946	CHR4:27900946	SSF x Far_LoA	-10,869903	-0,090	0,304
CHR4	27900960	CHR4:27900960	SSF x Far_LoA	-11,3504097	0,121	0,296
CHR4	27900962	CHR4:27900962	SSF x Far_LoA	-5,13110793	0,174	0,297
CHR4	27900983	CHR4:27900983	SSF x Far_LoA	-10,6543967	-0,113	0,306
CHR4	27902193	CHR4:27902193	SSF x Far_LoA	-8,8697217	0,044	0,316
CHR4	27907019	CHR4:27907019	SSF x Far_LoA	-8,4849411	0,074	0,305
CHR4	27913224	CHR4:27913224	SSF x Far_LoA	-5,91985585	0,009	0,298
CHR4	27913248	CHR4:27913248	SSF x Far_LoA	-7,52330809	0,153	0,294
CHR4	27913260	CHR4:27913260	SSF x Far_LoA	-8,14117599	-0,132	0,310
CHR4	27916745	CHR4:27916745	SSF x Far_LoA	-8,50736183	0,101	0,307
CHR4	27916796	CHR4:27916796	SSF x Far_LoA	-9,12225037	-0,047	0,293
CHR4	27916821	CHR4:27916821	SSF x Far_LoA	-8,7821725	0,056	0,317
CHR4	27916839	CHR4:27916839	SSF x Far_LoA	-9,68230859	-0,006	0,318
CHR4	27916974	CHR4:27916974	SSF x Far_LoA	-7,57429807	-0,034	0,314
CHR4	27920156	CHR4:27920156	SSF x Far_LoA	-8,53709301	0,094	0,304
CHR4	27920189	CHR4:27920189	SSF x Far_LoA	-8,48033436	0,085	0,307
CHR4	27920241	CHR4:27920241	SSF x Far_LoA	-7,55617077	0,001	0,318
CHR4	27920295	CHR4:27920295	SSF x Far_LoA	-8,70046351	-0,136	0,306
CHR4	27920297	CHR4:27920297	SSF x Far_LoA	-11,0919535	-0,019	0,300
CHR4	27920307	CHR4:27920307	SSF x Far_LoA	-9,87868599	0,018	0,305
CHR4	2792312	CHR4:2792312	SSF x Far_LoA	-7,61722371	-0,085	0,306
CHR4	2792317	CHR4:2792317	SSF x Far_LoA	-7,32741534	0,079	0,297
CHR4	2792338	CHR4:2792338	SSF x Far_LoA	-7,19587159	0,044	0,318
CHR4	2792388	CHR4:2792388	SSF x Far_LoA	-9,44177626	0,033	0,298
CHR4	2792417	CHR4:2792417	SSF x Far_LoA	-7,24598847	-0,030	0,308
CHR4	2792563	CHR4:2792563	SSF x Far_LoA	-7,76519577	-0,006	0,293
CHR4	27932541	CHR4:27932541	SSF x Far_LoA	-10,8929362	-0,037	0,294
CHR4	27932553	CHR4:27932553	SSF x Far_LoA	-8,54508164	-0,031	0,311
CHR4	27955520	CHR4:27955520	SSF x Far_LoA	-10,5096123	0,123	0,307
CHR4	27955568	CHR4:27955568	SSF x Far_LoA	-5,8906357	0,160	0,308
CHR4	27955571	CHR4:27955571	SSF x Far_LoA	-4,36363754	0,194	0,296
CHR4	27957619	CHR4:27957619	SSF x Far_LoA	-10,0483173	-0,084	0,300
CHR4	27957770	CHR4:27957770	SSF x Far_LoA	-11,4615251	0,095	0,301
CHR4	27957782	CHR4:27957782	SSF x Far_LoA	-11,5077703	-0,012	0,300
CHR4	27957867	CHR4:27957867	SSF x Far_LoA	-9,69477211	-0,028	0,313
CHR4	27957879	CHR4:27957879	SSF x Far_LoA	-9,43171796	-0,019	0,298
CHR4	27957885	CHR4:27957885	SSF x Far_LoA	-11,2379411	0,020	0,301
CHR4	27957888	CHR4:27957888	SSF x Far_LoA	-9,54878268	-0,035	0,304
CHR4	27957903	CHR4:27957903	SSF x Far_LoA	-10,6429449	0,036	0,299
CHR4	27964915	CHR4:27964915	SSF x Far_LoA	-11,0820754	-0,018	0,303

CHR4	27964956	CHR4:27964956	SSF x Far_LoA	-11,9518875	-0,016	0,308
CHR4	27964998	CHR4:27964998	SSF x Far_LoA	12,5892901	-0,153	0,316
CHR4	27968756	CHR4:27968756	SSF x Far_LoA	-1,10507259	0,030	0,312
CHR4	27968837	CHR4:27968837	SSF x Far_LoA	-10,5729708	0,024	0,296
CHR4	27973935	CHR4:27973935	SSF x Far_LoA	-9,91226638	0,013	0,303
CHR4	27985137	CHR4:27985137	SSF x Far_LoA	-9,17148417	0,019	0,301
CHR4	279888	CHR4:279888	SSF x Far_LoA	-9,94286242	0,045	0,300
CHR4	27995036	CHR4:27995036	SSF x Far_LoA	-9,83411557	-0,068	0,315
CHR4	28000035	CHR4:28000035	SSF x Far_LoA	-4,41201849	-0,131	0,307
CHR4	2800631	CHR4:2800631	SSF x Far_LoA	-9,55543505	0,005	0,298
CHR4	2800669	CHR4:2800669	SSF x Far_LoA	-9,99081558	0,009	0,310
CHR4	2800670	CHR4:2800670	SSF x Far_LoA	-10,1357558	-0,024	0,312
CHR4	2800687	CHR4:2800687	SSF x Far_LoA	-9,72540731	-0,080	0,315
CHR4	2800691	CHR4:2800691	SSF x Far_LoA	-10,5859518	-0,136	0,296
CHR4	2800696	CHR4:2800696	SSF x Far_LoA	-8,45394874	-0,062	0,319
CHR4	2800701	CHR4:2800701	SSF x Far_LoA	-11,3120932	-0,056	0,310
CHR4	28011528	CHR4:28011528	SSF x Far_LoA	-8,31295538	0,002	0,291
CHR4	28011594	CHR4:28011594	SSF x Far_LoA	-9,57045221	-0,161	0,295
CHR4	28011640	CHR4:28011640	SSF x Far_LoA	-10,7550663	-0,029	0,322
CHR4	28019287	CHR4:28019287	SSF x Far_LoA	-7,75602191	0,166	0,293
CHR4	28019295	CHR4:28019295	SSF x Far_LoA	-7,95699515	0,022	0,313
CHR4	28019302	CHR4:28019302	SSF x Far_LoA	-7,84603138	-0,105	0,311
CHR4	28019335	CHR4:28019335	SSF x Far_LoA	-11,0046243	-0,062	0,313
CHR4	28019606	CHR4:28019606	SSF x Far_LoA	-6,24769307	0,099	0,315
CHR4	28019679	CHR4:28019679	SSF x Far_LoA	-9,46655856	-0,005	0,302
CHR4	28023772	CHR4:28023772	SSF x Far_LoA	-9,88015362	0,028	0,315
CHR4	28036770	CHR4:28036770	SSF x Far_LoA	-8,9220861	-0,184	0,308
CHR4	28059092	CHR4:28059092	SSF x Far_LoA	-10,7481041	0,048	0,292
CHR4	28059119	CHR4:28059119	SSF x Far_LoA	-8,01741734	0,086	0,309
CHR4	28059128	CHR4:28059128	SSF x Far_LoA	-6,69666705	-0,122	0,316
CHR4	28059131	CHR4:28059131	SSF x Far_LoA	-6,23346011	-0,165	0,327
CHR4	28059230	CHR4:28059230	SSF x Far_LoA	-8,9545876	-0,006	0,305
CHR4	28059328	CHR4:28059328	SSF x Far_LoA	-9,37692838	0,112	0,306
CHR4	28059331	CHR4:28059331	SSF x Far_LoA	-7,71551139	-0,077	0,308
CHR4	28062029	CHR4:28062029	SSF x Far_LoA	-7,56327212	-0,084	0,316
CHR4	28062034	CHR4:28062034	SSF x Far_LoA	-9,86997801	-0,117	0,300
CHR4	28062050	CHR4:28062050	SSF x Far_LoA	-10,4765596	-0,025	0,305
CHR4	28062096	CHR4:28062096	SSF x Far_LoA	-9,77102501	-0,030	0,301
CHR4	28071864	CHR4:28071864	SSF x Far_LoA	-10,1235148	-0,004	0,307
CHR4	28071865	CHR4:28071865	SSF x Far_LoA	-9,06114983	-0,022	0,298
CHR4	28071905	CHR4:28071905	SSF x Far_LoA	-8,63836381	0,163	0,290
CHR4	28072115	CHR4:28072115	SSF x Far_LoA	-10,9861268	-0,067	0,301
CHR4	2808043	CHR4:2808043	SSF x Far_LoA	-8,29698952	-0,049	0,310
CHR4	28084095	CHR4:28084095	SSF x Far_LoA	-9,69260755	0,048	0,292
CHR4	28084118	CHR4:28084118	SSF x Far_LoA	-7,03593658	0,117	0,303
CHR4	28085900	CHR4:28085900	SSF x Far_LoA	-8,79040718	-0,004	0,312
CHR4	28090328	CHR4:28090328	SSF x Far_LoA	-10,9100895	0,048	0,300
CHR4	28090357	CHR4:28090357	SSF x Far_LoA	-6,43638723	0,179	0,296
CHR4	28090414	CHR4:28090414	SSF x Far_LoA	-8,93797644	0,100	0,302
CHR4	28107079	CHR4:28107079	SSF x Far_LoA	-8,44504596	0,034	0,314
CHR4	28107099	CHR4:28107099	SSF x Far_LoA	-9,56635387	0,029	0,314
CHR4	28107114	CHR4:28107114	SSF x Far_LoA	-8,63262917	0,040	0,317
CHR4	28107150	CHR4:28107150	SSF x Far_LoA	-6,61835076	-0,129	0,310

CHR4	28107214	CHR4:28107214	SSF x Far_LoA	-9,15893263	0,021	0,300
CHR4	28107332	CHR4:28107332	SSF x Far_LoA	-10,6718375	0,057	0,296
CHR4	28111198	CHR4:28111198	SSF x Far_LoA	-7,686491	0,054	0,316
CHR4	28111394	CHR4:28111394	SSF x Far_LoA	-9,12432837	-0,029	0,308
CHR4	28111412	CHR4:28111412	SSF x Far_LoA	-8,91323637	0,046	0,311
CHR4	28111449	CHR4:28111449	SSF x Far_LoA	-7,44718053	0,053	0,319
CHR4	28124501	CHR4:28124501	SSF x Far_LoA	-9,361583	0,062	0,315
CHR4	28124502	CHR4:28124502	SSF x Far_LoA	-9,68774661	0,018	0,308
CHR4	28128090	CHR4:28128090	SSF x Far_LoA	-12,3391758	0,011	0,307
CHR4	28128097	CHR4:28128097	SSF x Far_LoA	-11,7609576	-0,006	0,324
CHR4	28134722	CHR4:28134722	SSF x Far_LoA	-10,7966607	-0,027	0,302
CHR4	28134768	CHR4:28134768	SSF x Far_LoA	-10,8303397	-0,065	0,304
CHR4	28134771	CHR4:28134771	SSF x Far_LoA	-10,0239213	-0,068	0,292
CHR4	28134879	CHR4:28134879	SSF x Far_LoA	-10,0597566	-0,040	0,303
CHR4	28134935	CHR4:28134935	SSF x Far_LoA	-9,73226285	0,048	0,308
CHR4	28150712	CHR4:28150712	SSF x Far_LoA	-11,9395478	-0,018	0,313
CHR4	28150757	CHR4:28150757	SSF x Far_LoA	-9,31212009	-0,008	0,314
CHR4	28151891	CHR4:28151891	SSF x Far_LoA	-8,23363653	-0,100	0,313
CHR4	28152078	CHR4:28152078	SSF x Far_LoA	-11,4617868	-0,019	0,307
CHR4	28172986	CHR4:28172986	SSF x Far_LoA	-9,96049377	0,011	0,315
CHR4	28172991	CHR4:28172991	SSF x Far_LoA	-11,1377409	-0,064	0,303
CHR4	28173049	CHR4:28173049	SSF x Far_LoA	-3,50789461	0,235	0,298
CHR4	28173156	CHR4:28173156	SSF x Far_LoA	-10,0836123	-0,055	0,304
CHR4	28173226	CHR4:28173226	SSF x Far_LoA	-9,23835657	0,145	0,293
CHR4	28173282	CHR4:28173282	SSF x Far_LoA	-10,4862722	0,104	0,307
CHR4	28178382	CHR4:28178382	SSF x Far_LoA	-10,8166723	0,026	0,313
CHR4	28178413	CHR4:28178413	SSF x Far_LoA	-11,8696333	0,069	0,298
CHR4	28178456	CHR4:28178456	SSF x Far_LoA	-11,5877487	0,022	0,299
CHR4	28178530	CHR4:28178530	SSF x Far_LoA	-7,71044879	0,073	0,302
CHR4	28178557	CHR4:28178557	SSF x Far_LoA	-8,09097029	0,073	0,309
CHR4	28178559	CHR4:28178559	SSF x Far_LoA	-8,99077942	0,110	0,292
CHR4	281968	CHR4:281968	SSF x Far_LoA	-9,25642818	-0,042	0,300
CHR4	28213055	CHR4:28213055	SSF x Far_LoA	-11,2420215	-0,052	0,305
CHR4	28213747	CHR4:28213747	SSF x Far_LoA	-8,81899814	-0,013	0,311
CHR4	28213809	CHR4:28213809	SSF x Far_LoA	-9,13758154	0,056	0,306
CHR4	28213847	CHR4:28213847	SSF x Far_LoA	-10,2071494	0,002	0,322
CHR4	28213853	CHR4:28213853	SSF x Far_LoA	-11,3671704	0,024	0,309
CHR4	28218569	CHR4:28218569	SSF x Far_LoA	-5,60347069	0,276	0,270
CHR4	28218591	CHR4:28218591	SSF x Far_LoA	-9,83408924	-0,108	0,305
CHR4	28218624	CHR4:28218624	SSF x Far_LoA	-9,31702326	-0,162	0,293
CHR4	28218661	CHR4:28218661	SSF x Far_LoA	-11,9757978	0,043	0,303
CHR4	28218688	CHR4:28218688	SSF x Far_LoA	-4,23066838	0,272	0,281
CHR4	28218727	CHR4:28218727	SSF x Far_LoA	-1,55017233	-0,051	0,303
CHR4	28218760	CHR4:28218760	SSF x Far_LoA	-11,6004638	-0,044	0,306
CHR4	2822833	CHR4:2822833	SSF x Far_LoA	-11,1945297	0,091	0,305
CHR4	2822853	CHR4:2822853	SSF x Far_LoA	-5,38627516	0,078	0,306
CHR4	28238681	CHR4:28238681	SSF x Far_LoA	-10,6313089	0,030	0,315
CHR4	28238688	CHR4:28238688	SSF x Far_LoA	-9,68664917	0,005	0,295
CHR4	28238716	CHR4:28238716	SSF x Far_LoA	-7,12563001	-0,144	0,301
CHR4	28238749	CHR4:28238749	SSF x Far_LoA	-9,91838828	0,043	0,306
CHR4	28240785	CHR4:28240785	SSF x Far_LoA	-10,4950791	0,015	0,311
CHR4	28240794	CHR4:28240794	SSF x Far_LoA	-6,91457889	-0,105	0,310
CHR4	28240849	CHR4:28240849	SSF x Far_LoA	-10,3214919	-0,024	0,292

CHR4	28240902	CHR4:28240902	SSF x Far_LoA	-6,85104117	-0,063	0,299
CHR4	28250196	CHR4:28250196	SSF x Far_LoA	-8,6552098	-0,059	0,296
CHR4	28261151	CHR4:28261151	SSF x Far_LoA	-7,76622937	-0,002	0,325
CHR4	28269760	CHR4:28269760	SSF x Far_LoA	-9,90870275	0,155	0,287
CHR4	28269802	CHR4:28269802	SSF x Far_LoA	-9,76711416	-0,076	0,310
CHR4	28270003	CHR4:28270003	SSF x Far_LoA	0,07006274	0,241	0,289
CHR4	28275309	CHR4:28275309	SSF x Far_LoA	-9,60635995	0,077	0,310
CHR4	28275396	CHR4:28275396	SSF x Far_LoA	-9,91454408	0,011	0,310
CHR4	28283168	CHR4:28283168	SSF x Far_LoA	-11,3120843	-0,093	0,308
CHR4	28283177	CHR4:28283177	SSF x Far_LoA	-9,63813028	0,078	0,302
CHR4	28283181	CHR4:28283181	SSF x Far_LoA	12,8614376	-0,171	0,313
CHR4	28283201	CHR4:28283201	SSF x Far_LoA	-8,23616968	0,001	0,295
CHR4	28283290	CHR4:28283290	SSF x Far_LoA	-10,0758308	-0,084	0,291
CHR4	28283312	CHR4:28283312	SSF x Far_LoA	-8,10474704	-0,092	0,301
CHR4	2830131	CHR4:2830131	SSF x Far_LoA	-8,57021168	0,052	0,312
CHR4	28333522	CHR4:28333522	SSF x Far_LoA	-10,2988009	0,008	0,315
CHR4	28334104	CHR4:28334104	SSF x Far_LoA	-6,40085333	0,050	0,291
CHR4	28334163	CHR4:28334163	SSF x Far_LoA	-9,83358381	-0,033	0,326
CHR4	28334165	CHR4:28334165	SSF x Far_LoA	-10,8668252	-0,083	0,312
CHR4	28334173	CHR4:28334173	SSF x Far_LoA	-10,7331579	0,006	0,306
CHR4	28334233	CHR4:28334233	SSF x Far_LoA	-3,74067634	0,101	0,312
CHR4	2834659	CHR4:2834659	SSF x Far_LoA	-10,1498985	-0,134	0,305
CHR4	28359129	CHR4:28359129	SSF x Far_LoA	-10,6510698	0,024	0,329
CHR4	28359174	CHR4:28359174	SSF x Far_LoA	-11,2320391	-0,083	0,295
CHR4	28359197	CHR4:28359197	SSF x Far_LoA	-10,4141574	-0,016	0,298
CHR4	28359421	CHR4:28359421	SSF x Far_LoA	-9,09403889	-0,059	0,313
CHR4	28359460	CHR4:28359460	SSF x Far_LoA	-9,91199347	-0,008	0,312
CHR4	2836162	CHR4:2836162	SSF x Far_LoA	2,7438958	-0,044	0,304
CHR4	2836178	CHR4:2836178	SSF x Far_LoA	-7,77493259	-0,139	0,300
CHR4	2836190	CHR4:2836190	SSF x Far_LoA	-11,4560338	0,033	0,311
CHR4	2836191	CHR4:2836191	SSF x Far_LoA	-7,81128341	-0,141	0,316
CHR4	28362177	CHR4:28362177	SSF x Far_LoA	-10,8120534	-0,062	0,317
CHR4	28362210	CHR4:28362210	SSF x Far_LoA	-8,49332381	-0,072	0,295
CHR4	28362259	CHR4:28362259	SSF x Far_LoA	-8,68075177	-0,026	0,297
CHR4	28362282	CHR4:28362282	SSF x Far_LoA	-8,58658188	0,044	0,301
CHR4	28362300	CHR4:28362300	SSF x Far_LoA	-9,28063821	0,038	0,315
CHR4	28362314	CHR4:28362314	SSF x Far_LoA	-7,70703397	-0,124	0,304
CHR4	28362337	CHR4:28362337	SSF x Far_LoA	-11,9835242	-0,062	0,298
CHR4	28362350	CHR4:28362350	SSF x Far_LoA	-11,117431	-0,074	0,294
CHR4	28362356	CHR4:28362356	SSF x Far_LoA	-9,67437718	0,122	0,299
CHR4	28362367	CHR4:28362367	SSF x Far_LoA	-10,7547389	-0,012	0,316
CHR4	2836238	CHR4:2836238	SSF x Far_LoA	-11,6167933	0,065	0,303
CHR4	2836256	CHR4:2836256	SSF x Far_LoA	-9,4489897	-0,034	0,313
CHR4	2836278	CHR4:2836278	SSF x Far_LoA	-9,36835495	-0,072	0,292
CHR4	2836287	CHR4:2836287	SSF x Far_LoA	-9,00559135	0,030	0,297
CHR4	28371327	CHR4:28371327	SSF x Far_LoA	-10,5060876	-0,048	0,311
CHR4	28373779	CHR4:28373779	SSF x Far_LoA	-3,94358424	0,082	0,303
CHR4	28373847	CHR4:28373847	SSF x Far_LoA	-12,5096895	0,050	0,305
CHR4	28373868	CHR4:28373868	SSF x Far_LoA	-8,99494878	-0,078	0,305
CHR4	28373927	CHR4:28373927	SSF x Far_LoA	-8,57186621	0,070	0,305
CHR4	28373937	CHR4:28373937	SSF x Far_LoA	-8,34525707	0,053	0,312
CHR4	28373954	CHR4:28373954	SSF x Far_LoA	-5,4715188	0,069	0,298
CHR4	28376488	CHR4:28376488	SSF x Far_LoA	-9,7453905	-0,054	0,302

CHR4	28376498	CHR4:28376498	SSF x Far_LoA	-8,9227896	-0,070	0,299
CHR4	28376592	CHR4:28376592	SSF x Far_LoA	-11,4413719	0,005	0,314
CHR4	28377230	CHR4:28377230	SSF x Far_LoA	-10,8229176	0,117	0,297
CHR4	28377320	CHR4:28377320	SSF x Far_LoA	-10,5009559	-0,023	0,303
CHR4	28386336	CHR4:28386336	SSF x Far_LoA	-10,7705732	-0,087	0,301
CHR4	28402524	CHR4:28402524	SSF x Far_LoA	-8,09778139	0,061	0,311
CHR4	28402563	CHR4:28402563	SSF x Far_LoA	-8,59322779	0,095	0,324
CHR4	28402666	CHR4:28402666	SSF x Far_LoA	-8,53650899	0,045	0,311
CHR4	28402698	CHR4:28402698	SSF x Far_LoA	-11,850819	0,084	0,307
CHR4	28402821	CHR4:28402821	SSF x Far_LoA	-8,60150185	-0,087	0,304
CHR4	2841292	CHR4:2841292	SSF x Far_LoA	-10,9348928	0,042	0,310
CHR4	2841312	CHR4:2841312	SSF x Far_LoA	-10,8965649	-0,085	0,303
CHR4	2841335	CHR4:2841335	SSF x Far_LoA	-9,66596258	-0,064	0,311
CHR4	2841351	CHR4:2841351	SSF x Far_LoA	-8,45965385	-0,137	0,310
CHR4	28420365	CHR4:28420365	SSF x Far_LoA	-10,7697619	-0,057	0,299
CHR4	28420389	CHR4:28420389	SSF x Far_LoA	-10,9210778	-0,059	0,302
CHR4	28424318	CHR4:28424318	SSF x Far_LoA	-9,92634671	-0,057	0,314
CHR4	28424347	CHR4:28424347	SSF x Far_LoA	-10,3807988	0,074	0,295
CHR4	28424405	CHR4:28424405	SSF x Far_LoA	-8,62041651	-0,035	0,305
CHR4	28424523	CHR4:28424523	SSF x Far_LoA	-7,13252024	-0,197	0,301
CHR4	2844680	CHR4:2844680	SSF x Far_LoA	-8,88181543	0,159	0,304
CHR4	2844726	CHR4:2844726	SSF x Far_LoA	-6,0279268	0,203	0,296
CHR4	2844743	CHR4:2844743	SSF x Far_LoA	-9,09654315	-0,073	0,297
CHR4	2844759	CHR4:2844759	SSF x Far_LoA	-10,2725242	-0,027	0,302
CHR4	28462276	CHR4:28462276	SSF x Far_LoA	-2,86743581	0,068	0,315
CHR4	28462306	CHR4:28462306	SSF x Far_LoA	-9,82564101	0,021	0,303
CHR4	28462394	CHR4:28462394	SSF x Far_LoA	-8,72523453	0,038	0,312
CHR4	28474858	CHR4:28474858	SSF x Far_LoA	-9,92463709	-0,032	0,314
CHR4	28474879	CHR4:28474879	SSF x Far_LoA	-7,4118039	-0,106	0,316
CHR4	28474881	CHR4:28474881	SSF x Far_LoA	-9,20622012	0,194	0,302
CHR4	28474882	CHR4:28474882	SSF x Far_LoA	-7,66735435	0,185	0,312
CHR4	28474884	CHR4:28474884	SSF x Far_LoA	-9,07952881	0,186	0,307
CHR4	28474910	CHR4:28474910	SSF x Far_LoA	-6,91676272	0,155	0,304
CHR4	28474914	CHR4:28474914	SSF x Far_LoA	-7,85607235	-0,087	0,308
CHR4	28474955	CHR4:28474955	SSF x Far_LoA	-9,34944124	-0,033	0,308
CHR4	28474998	CHR4:28474998	SSF x Far_LoA	-10,4405194	0,009	0,306
CHR4	28475082	CHR4:28475082	SSF x Far_LoA	-10,5395844	0,065	0,312
CHR4	28482131	CHR4:28482131	SSF x Far_LoA	-8,55825373	0,044	0,324
CHR4	28482241	CHR4:28482241	SSF x Far_LoA	-8,97765994	-0,005	0,313
CHR4	28482254	CHR4:28482254	SSF x Far_LoA	-8,39508303	0,155	0,300
CHR4	28489567	CHR4:28489567	SSF x Far_LoA	-8,14798491	0,117	0,294
CHR4	28489942	CHR4:28489942	SSF x Far_LoA	-10,2100245	-0,119	0,301
CHR4	28490006	CHR4:28490006	SSF x Far_LoA	-8,36967062	-0,167	0,293
CHR4	28490024	CHR4:28490024	SSF x Far_LoA	-9,48410607	-0,118	0,305
CHR4	28506630	CHR4:28506630	SSF x Far_LoA	-11,1148465	-0,125	0,315
CHR4	28506691	CHR4:28506691	SSF x Far_LoA	-7,44194526	-0,062	0,309
CHR4	28506703	CHR4:28506703	SSF x Far_LoA	-8,99286446	-0,073	0,318
CHR4	28506709	CHR4:28506709	SSF x Far_LoA	-9,64590942	-0,051	0,299
CHR4	28506735	CHR4:28506735	SSF x Far_LoA	-9,16445622	-0,161	0,312
CHR4	28510427	CHR4:28510427	SSF x Far_LoA	-8,69976629	-0,043	0,299
CHR4	28510452	CHR4:28510452	SSF x Far_LoA	-9,22623471	0,083	0,297
CHR4	28510473	CHR4:28510473	SSF x Far_LoA	-8,22197338	0,131	0,304
CHR4	28510479	CHR4:28510479	SSF x Far_LoA	-8,29446047	0,161	0,298

CHR4	28510487	CHR4:28510487	SSF x Far_LoA	-9,02013912	0,043	0,315
CHR4	28510545	CHR4:28510545	SSF x Far_LoA	-10,8940342	0,055	0,307
CHR4	28513575	CHR4:28513575	SSF x Far_LoA	-7,00190608	-0,032	0,321
CHR4	28513672	CHR4:28513672	SSF x Far_LoA	-9,32707334	-0,024	0,306
CHR4	28513679	CHR4:28513679	SSF x Far_LoA	-9,45596736	0,044	0,310
CHR4	28513695	CHR4:28513695	SSF x Far_LoA	-11,0338887	-0,022	0,305
CHR4	28513710	CHR4:28513710	SSF x Far_LoA	-11,8431408	-0,029	0,300
CHR4	28513751	CHR4:28513751	SSF x Far_LoA	-9,70704302	0,135	0,296
CHR4	28513773	CHR4:28513773	SSF x Far_LoA	-8,86000759	0,002	0,303
CHR4	28513813	CHR4:28513813	SSF x Far_LoA	-6,14757367	0,173	0,298
CHR4	28518783	CHR4:28518783	SSF x Far_LoA	-8,48398065	0,108	0,309
CHR4	28523420	CHR4:28523420	SSF x Far_LoA	-8,15963302	0,014	0,286
CHR4	28523431	CHR4:28523431	SSF x Far_LoA	-9,19901047	-0,095	0,305
CHR4	28523437	CHR4:28523437	SSF x Far_LoA	-7,30371966	-0,040	0,326
CHR4	28523441	CHR4:28523441	SSF x Far_LoA	-9,90069435	-0,068	0,298
CHR4	28523472	CHR4:28523472	SSF x Far_LoA	-8,16934702	-0,047	0,303
CHR4	28523481	CHR4:28523481	SSF x Far_LoA	-5,61047537	-0,057	0,321
CHR4	28523500	CHR4:28523500	SSF x Far_LoA	-8,75431841	-0,061	0,308
CHR4	28523504	CHR4:28523504	SSF x Far_LoA	-7,77542882	-0,074	0,305
CHR4	28523512	CHR4:28523512	SSF x Far_LoA	-8,45928067	-0,080	0,310
CHR4	28525140	CHR4:28525140	SSF x Far_LoA	-9,59264042	0,085	0,305
CHR4	2853399	CHR4:2853399	SSF x Far_LoA	-10,4354582	-0,112	0,320
CHR4	28534918	CHR4:28534918	SSF x Far_LoA	-9,55544656	0,011	0,319
CHR4	28555648	CHR4:28555648	SSF x Far_LoA	-8,91310422	0,054	0,321
CHR4	28557377	CHR4:28557377	SSF x Far_LoA	-10,4329224	0,079	0,313
CHR4	28557387	CHR4:28557387	SSF x Far_LoA	-6,47670933	0,088	0,293
CHR4	28564710	CHR4:28564710	SSF x Far_LoA	-11,0279951	-0,056	0,311
CHR4	28564943	CHR4:28564943	SSF x Far_LoA	-8,88334977	0,020	0,316
CHR4	28567122	CHR4:28567122	SSF x Far_LoA	-9,85328474	-0,022	0,311
CHR4	2858606	CHR4:2858606	SSF x Far_LoA	-11,2530861	-0,011	0,316
CHR4	2859356	CHR4:2859356	SSF x Far_LoA	-8,55957478	0,109	0,310
CHR4	28596704	CHR4:28596704	SSF x Far_LoA	-9,31796688	0,131	0,285
CHR4	28608398	CHR4:28608398	SSF x Far_LoA	-10,5467231	0,029	0,291
CHR4	28608477	CHR4:28608477	SSF x Far_LoA	-9,6241976	0,017	0,314
CHR4	28615843	CHR4:28615843	SSF x Far_LoA	-10,4257239	0,046	0,307
CHR4	28621972	CHR4:28621972	SSF x Far_LoA	-10,2255709	-0,130	0,298
CHR4	28622031	CHR4:28622031	SSF x Far_LoA	-10,4581507	0,101	0,293
CHR4	28622043	CHR4:28622043	SSF x Far_LoA	-11,3568563	0,013	0,304
CHR4	28622914	CHR4:28622914	SSF x Far_LoA	-7,8246978	0,100	0,306
CHR4	28626277	CHR4:28626277	SSF x Far_LoA	-8,27527112	-0,014	0,318
CHR4	28626300	CHR4:28626300	SSF x Far_LoA	-10,8173217	-0,016	0,306
CHR4	28627259	CHR4:28627259	SSF x Far_LoA	-7,80609458	-0,065	0,311
CHR4	28639891	CHR4:28639891	SSF x Far_LoA	-10,5364391	0,064	0,303
CHR4	2864448	CHR4:2864448	SSF x Far_LoA	-8,19352568	-0,053	0,309
CHR4	2864498	CHR4:2864498	SSF x Far_LoA	-7,68056445	-0,123	0,311
CHR4	28658749	CHR4:28658749	SSF x Far_LoA	-11,6451714	0,004	0,302
CHR4	28662938	CHR4:28662938	SSF x Far_LoA	-9,86927024	-0,034	0,306
CHR4	28662958	CHR4:28662958	SSF x Far_LoA	-12,3054592	0,044	0,306
CHR4	28663154	CHR4:28663154	SSF x Far_LoA	-4,68919224	-0,232	0,292
CHR4	28663162	CHR4:28663162	SSF x Far_LoA	7,30050945	0,235	0,281
CHR4	28663189	CHR4:28663189	SSF x Far_LoA	-4,12858217	0,122	0,304
CHR4	28667514	CHR4:28667514	SSF x Far_LoA	-6,31812756	-0,060	0,308
CHR4	28667584	CHR4:28667584	SSF x Far_LoA	-12,1828014	0,032	0,317

CHR4	28667612	CHR4:28667612	SSF x Far_LoA	-10,0307306	0,087	0,312
CHR4	28680256	CHR4:28680256	SSF x Far_LoA	-9,63629337	-0,077	0,323
CHR4	28687170	CHR4:28687170	SSF x Far_LoA	-10,8698451	0,006	0,308
CHR4	28687225	CHR4:28687225	SSF x Far_LoA	-6,51642336	0,060	0,293
CHR4	28698019	CHR4:28698019	SSF x Far_LoA	-11,5570273	-0,018	0,311
CHR4	28698027	CHR4:28698027	SSF x Far_LoA	-8,11591437	0,140	0,305
CHR4	28698052	CHR4:28698052	SSF x Far_LoA	-7,23721668	0,065	0,315
CHR4	28698087	CHR4:28698087	SSF x Far_LoA	-7,27265697	0,051	0,309
CHR4	28698147	CHR4:28698147	SSF x Far_LoA	-10,9092251	-0,002	0,304
CHR4	28700526	CHR4:28700526	SSF x Far_LoA	-9,64035874	-0,099	0,297
CHR4	28700528	CHR4:28700528	SSF x Far_LoA	-9,69253966	-0,010	0,307
CHR4	28700538	CHR4:28700538	SSF x Far_LoA	-8,61794449	-0,026	0,303
CHR4	28700549	CHR4:28700549	SSF x Far_LoA	-8,76386753	-0,132	0,303
CHR4	28706915	CHR4:28706915	SSF x Far_LoA	-9,69247182	-0,030	0,299
CHR4	28706968	CHR4:28706968	SSF x Far_LoA	-7,50731283	0,038	0,285
CHR4	2871205	CHR4:2871205	SSF x Far_LoA	-11,6594946	0,049	0,301
CHR4	28723157	CHR4:28723157	SSF x Far_LoA	-10,1629796	-0,106	0,301
CHR4	28730882	CHR4:28730882	SSF x Far_LoA	-10,4846423	0,010	0,305
CHR4	28730892	CHR4:28730892	SSF x Far_LoA	-7,47875659	0,045	0,310
CHR4	28730895	CHR4:28730895	SSF x Far_LoA	-9,01533612	-0,039	0,298
CHR4	28730991	CHR4:28730991	SSF x Far_LoA	-11,1880892	0,098	0,299
CHR4	28733093	CHR4:28733093	SSF x Far_LoA	-9,23297867	-0,021	0,301
CHR4	28733106	CHR4:28733106	SSF x Far_LoA	-8,51903404	-0,009	0,308
CHR4	28733140	CHR4:28733140	SSF x Far_LoA	-11,2823835	-0,018	0,316
CHR4	28733163	CHR4:28733163	SSF x Far_LoA	-11,2599237	-0,022	0,296
CHR4	28736167	CHR4:28736167	SSF x Far_LoA	-10,4357274	-0,106	0,305
CHR4	28736237	CHR4:28736237	SSF x Far_LoA	-9,23675061	0,028	0,307
CHR4	28738190	CHR4:28738190	SSF x Far_LoA	-9,41465115	-0,088	0,319
CHR4	28738197	CHR4:28738197	SSF x Far_LoA	-11,2434241	0,085	0,302
CHR4	28738199	CHR4:28738199	SSF x Far_LoA	-9,99018886	-0,120	0,302
CHR4	28738201	CHR4:28738201	SSF x Far_LoA	-9,19459423	-0,087	0,318
CHR4	28738259	CHR4:28738259	SSF x Far_LoA	-9,46633722	0,132	0,291
CHR4	28740695	CHR4:28740695	SSF x Far_LoA	-8,80615673	-0,107	0,313
CHR4	28740739	CHR4:28740739	SSF x Far_LoA	-10,7284294	0,017	0,306
CHR4	28740808	CHR4:28740808	SSF x Far_LoA	-7,87827024	-0,116	0,313
CHR4	28743741	CHR4:28743741	SSF x Far_LoA	-8,81977088	0,110	0,288
CHR4	28743744	CHR4:28743744	SSF x Far_LoA	-9,87541601	0,022	0,302
CHR4	28743758	CHR4:28743758	SSF x Far_LoA	-8,03996784	-0,074	0,308
CHR4	28754711	CHR4:28754711	SSF x Far_LoA	-5,23607357	0,118	0,306
CHR4	28754713	CHR4:28754713	SSF x Far_LoA	-7,62287486	0,125	0,305
CHR4	28754715	CHR4:28754715	SSF x Far_LoA	-7,98888313	0,113	0,296
CHR4	28754908	CHR4:28754908	SSF x Far_LoA	-6,13346823	-0,121	0,313
CHR4	28754932	CHR4:28754932	SSF x Far_LoA	-9,99962955	0,128	0,284
CHR4	28767191	CHR4:28767191	SSF x Far_LoA	-1,94003767	0,171	0,307
CHR4	28767192	CHR4:28767192	SSF x Far_LoA	-5,03016136	0,198	0,297
CHR4	28767194	CHR4:28767194	SSF x Far_LoA	-11,4897982	-0,060	0,296
CHR4	28767301	CHR4:28767301	SSF x Far_LoA	-10,4814886	-0,003	0,305
CHR4	28767376	CHR4:28767376	SSF x Far_LoA	-9,87137196	-0,062	0,318
CHR4	28767378	CHR4:28767378	SSF x Far_LoA	-9,64301799	-0,027	0,304
CHR4	2877482	CHR4:2877482	SSF x Far_LoA	-9,96768705	0,098	0,314
CHR4	2877519	CHR4:2877519	SSF x Far_LoA	-8,76841709	-0,087	0,311
CHR4	28811886	CHR4:28811886	SSF x Far_LoA	-11,7315114	-0,061	0,307
CHR4	28811888	CHR4:28811888	SSF x Far_LoA	-6,50107314	-0,120	0,294

CHR4	28811965	CHR4:28811965	SSF x Far_LoA	-11,5081378	-0,018	0,296
CHR4	28811988	CHR4:28811988	SSF x Far_LoA	-10,1812296	-0,018	0,303
CHR4	28817948	CHR4:28817948	SSF x Far_LoA	-10,1377152	-0,086	0,305
CHR4	28817967	CHR4:28817967	SSF x Far_LoA	-10,5528775	0,041	0,311
CHR4	28817976	CHR4:28817976	SSF x Far_LoA	-9,08510965	-0,037	0,302
CHR4	28826215	CHR4:28826215	SSF x Far_LoA	-6,41374888	0,069	0,293
CHR4	28832933	CHR4:28832933	SSF x Far_LoA	-9,11338759	-0,126	0,303
CHR4	28832960	CHR4:28832960	SSF x Far_LoA	-10,917372	-0,093	0,322
CHR4	28832966	CHR4:28832966	SSF x Far_LoA	-11,9115908	-0,073	0,313
CHR4	28832984	CHR4:28832984	SSF x Far_LoA	-11,0167675	-0,096	0,315
CHR4	28834788	CHR4:28834788	SSF x Far_LoA	-10,6148366	-0,049	0,312
CHR4	28834869	CHR4:28834869	SSF x Far_LoA	-9,29473303	-0,018	0,299
CHR4	28835059	CHR4:28835059	SSF x Far_LoA	-8,31813925	-0,045	0,314
CHR4	28838611	CHR4:28838611	SSF x Far_LoA	-4,03749012	-0,063	0,309
CHR4	28846034	CHR4:28846034	SSF x Far_LoA	-9,30831597	-0,050	0,311
CHR4	28846065	CHR4:28846065	SSF x Far_LoA	-10,7367726	-0,020	0,311
CHR4	28846112	CHR4:28846112	SSF x Far_LoA	-9,88970755	-0,039	0,301
CHR4	28846127	CHR4:28846127	SSF x Far_LoA	-10,4550408	0,027	0,314
CHR4	28847842	CHR4:28847842	SSF x Far_LoA	-10,8477797	-0,075	0,302
CHR4	28847893	CHR4:28847893	SSF x Far_LoA	-9,47553916	0,052	0,308
CHR4	28850149	CHR4:28850149	SSF x Far_LoA	-8,93215362	0,136	0,309
CHR4	28850222	CHR4:28850222	SSF x Far_LoA	-11,5286901	0,040	0,294
CHR4	28856932	CHR4:28856932	SSF x Far_LoA	-6,57030597	0,143	0,300
CHR4	28856969	CHR4:28856969	SSF x Far_LoA	-8,66963305	0,009	0,294
CHR4	28856984	CHR4:28856984	SSF x Far_LoA	-10,3378501	-0,027	0,318
CHR4	28857057	CHR4:28857057	SSF x Far_LoA	-10,7227639	0,058	0,298
CHR4	28870125	CHR4:28870125	SSF x Far_LoA	-10,9483885	0,061	0,304
CHR4	28879496	CHR4:28879496	SSF x Far_LoA	-11,2695301	0,083	0,309
CHR4	2888334	CHR4:2888334	SSF x Far_LoA	-8,3505662	-0,036	0,304
CHR4	28900103	CHR4:28900103	SSF x Far_LoA	-5,75795721	0,121	0,313
CHR4	28943682	CHR4:28943682	SSF x Far_LoA	-7,10887661	0,193	0,305
CHR4	28943865	CHR4:28943865	SSF x Far_LoA	-11,3013234	0,003	0,304
CHR4	28945658	CHR4:28945658	SSF x Far_LoA	-7,01171135	-0,091	0,324
CHR4	28946760	CHR4:28946760	SSF x Far_LoA	-9,69620625	0,048	0,300
CHR4	28946767	CHR4:28946767	SSF x Far_LoA	-8,01600362	0,104	0,300
CHR4	28946804	CHR4:28946804	SSF x Far_LoA	-11,1617393	0,001	0,313
CHR4	28946848	CHR4:28946848	SSF x Far_LoA	-11,5508966	-0,047	0,296
CHR4	28946873	CHR4:28946873	SSF x Far_LoA	-7,990952	-0,113	0,301
CHR4	28965507	CHR4:28965507	SSF x Far_LoA	-9,37379661	0,118	0,309
CHR4	28965579	CHR4:28965579	SSF x Far_LoA	-9,096658	0,090	0,312
CHR4	28965594	CHR4:28965594	SSF x Far_LoA	-6,81893509	-0,049	0,306
CHR4	28965615	CHR4:28965615	SSF x Far_LoA	-8,896752	-0,086	0,307
CHR4	28967460	CHR4:28967460	SSF x Far_LoA	-10,4424286	-0,011	0,305
CHR4	28969312	CHR4:28969312	SSF x Far_LoA	-8,92653399	-0,056	0,313
CHR4	28970261	CHR4:28970261	SSF x Far_LoA	-9,19619898	0,109	0,311
CHR4	28971771	CHR4:28971771	SSF x Far_LoA	-9,00543043	-0,004	0,311
CHR4	28971811	CHR4:28971811	SSF x Far_LoA	-10,5514933	-0,001	0,306
CHR4	28971866	CHR4:28971866	SSF x Far_LoA	-10,4391147	0,006	0,293
CHR4	28989054	CHR4:28989054	SSF x Far_LoA	-8,71033289	0,111	0,309
CHR4	28989152	CHR4:28989152	SSF x Far_LoA	-10,4018935	0,003	0,319
CHR4	28989162	CHR4:28989162	SSF x Far_LoA	-7,71232314	-0,010	0,311
CHR4	28989179	CHR4:28989179	SSF x Far_LoA	-4,63724975	-0,056	0,306
CHR4	28989184	CHR4:28989184	SSF x Far_LoA	-7,41643459	0,067	0,302

CHR4	28989204	CHR4:28989204	SSF x Far_LoA	-9,10707933	-0,081	0,313
CHR4	28989214	CHR4:28989214	SSF x Far_LoA	-8,58685082	0,076	0,323
CHR4	28989226	CHR4:28989226	SSF x Far_LoA	-7,18243949	0,113	0,309
CHR4	28989243	CHR4:28989243	SSF x Far_LoA	-8,45361756	-0,019	0,307
CHR4	28995041	CHR4:28995041	SSF x Far_LoA	-12,0084049	0,008	0,299
CHR4	28995079	CHR4:28995079	SSF x Far_LoA	-8,21971769	0,133	0,307
CHR4	28995170	CHR4:28995170	SSF x Far_LoA	-7,96670009	0,010	0,327
CHR4	28995204	CHR4:28995204	SSF x Far_LoA	-5,98680059	-0,010	0,314
CHR4	28995228	CHR4:28995228	SSF x Far_LoA	-9,44791209	0,017	0,303
CHR4	28995236	CHR4:28995236	SSF x Far_LoA	-8,77222812	0,047	0,298
CHR4	29007151	CHR4:29007151	SSF x Far_LoA	-7,31933054	-0,143	0,312
CHR4	2901038	CHR4:2901038	SSF x Far_LoA	-11,240341	-0,038	0,309
CHR4	2901054	CHR4:2901054	SSF x Far_LoA	-10,2310638	0,029	0,287
CHR4	29012815	CHR4:29012815	SSF x Far_LoA	-8,88502027	-0,107	0,297
CHR4	29012821	CHR4:29012821	SSF x Far_LoA	-11,4694838	-0,057	0,310
CHR4	29012829	CHR4:29012829	SSF x Far_LoA	-9,45156604	-0,075	0,309
CHR4	29025213	CHR4:29025213	SSF x Far_LoA	-9,64754595	0,050	0,315
CHR4	29025236	CHR4:29025236	SSF x Far_LoA	-6,6510039	0,003	0,311
CHR4	29025324	CHR4:29025324	SSF x Far_LoA	-7,76984039	0,029	0,317
CHR4	29025330	CHR4:29025330	SSF x Far_LoA	-10,2717977	-0,103	0,308
CHR4	29026376	CHR4:29026376	SSF x Far_LoA	-10,0977951	-0,066	0,309
CHR4	29026396	CHR4:29026396	SSF x Far_LoA	-5,43907757	-0,158	0,309
CHR4	29029177	CHR4:29029177	SSF x Far_LoA	-9,68067022	-0,028	0,303
CHR4	29029241	CHR4:29029241	SSF x Far_LoA	-9,47854034	-0,066	0,311
CHR4	29029246	CHR4:29029246	SSF x Far_LoA	-6,06065597	0,186	0,292
CHR4	29029284	CHR4:29029284	SSF x Far_LoA	-8,08183525	-0,057	0,299
CHR4	29029317	CHR4:29029317	SSF x Far_LoA	-7,79524963	-0,078	0,314
CHR4	29029328	CHR4:29029328	SSF x Far_LoA	-7,82831029	-0,117	0,296
CHR4	29029336	CHR4:29029336	SSF x Far_LoA	-8,98426478	0,035	0,309
CHR4	29029350	CHR4:29029350	SSF x Far_LoA	-5,55427637	-0,079	0,311
CHR4	29031395	CHR4:29031395	SSF x Far_LoA	-6,97326203	0,211	0,306
CHR4	29033125	CHR4:29033125	SSF x Far_LoA	-4,93698816	-0,146	0,302
CHR4	29040555	CHR4:29040555	SSF x Far_LoA	-8,22299569	-0,061	0,319
CHR4	29040637	CHR4:29040637	SSF x Far_LoA	-8,04995562	-0,075	0,305
CHR4	29040652	CHR4:29040652	SSF x Far_LoA	-8,72894932	0,035	0,304
CHR4	29040804	CHR4:29040804	SSF x Far_LoA	-5,60148425	-0,017	0,296
CHR4	29044201	CHR4:29044201	SSF x Far_LoA	-6,59866975	-0,016	0,307
CHR4	29053369	CHR4:29053369	SSF x Far_LoA	-10,191787	0,075	0,298
CHR4	29053410	CHR4:29053410	SSF x Far_LoA	-11,3881608	0,001	0,308
CHR4	29053411	CHR4:29053411	SSF x Far_LoA	-10,1949508	-0,002	0,310
CHR4	29053521	CHR4:29053521	SSF x Far_LoA	-7,77879855	-0,063	0,310
CHR4	29062441	CHR4:29062441	SSF x Far_LoA	-10,9705037	0,061	0,290
CHR4	29062493	CHR4:29062493	SSF x Far_LoA	-10,2695184	0,027	0,297
CHR4	29062555	CHR4:29062555	SSF x Far_LoA	-8,31642167	0,126	0,305
CHR4	29082658	CHR4:29082658	SSF x Far_LoA	-8,69143834	0,202	0,297
CHR4	29093296	CHR4:29093296	SSF x Far_LoA	-10,3486495	0,093	0,306
CHR4	29093567	CHR4:29093567	SSF x Far_LoA	-7,59237311	-0,140	0,306
CHR4	29096094	CHR4:29096094	SSF x Far_LoA	-9,53164994	0,017	0,309
CHR4	29096124	CHR4:29096124	SSF x Far_LoA	-9,85878297	-0,023	0,312
CHR4	29096128	CHR4:29096128	SSF x Far_LoA	-8,11432932	-0,090	0,301
CHR4	29096144	CHR4:29096144	SSF x Far_LoA	-10,5382616	-0,106	0,308
CHR4	29096165	CHR4:29096165	SSF x Far_LoA	-10,6089262	-0,029	0,296
CHR4	29096177	CHR4:29096177	SSF x Far_LoA	-9,02144213	-0,053	0,314

CHR4	29096255	CHR4:29096255	SSF x Far_LoA	-9,94744314	-0,038	0,309
CHR4	29097574	CHR4:29097574	SSF x Far_LoA	-9,6936256	0,068	0,306
CHR4	29097577	CHR4:29097577	SSF x Far_LoA	-10,0750117	-0,064	0,295
CHR4	29097640	CHR4:29097640	SSF x Far_LoA	-9,98506387	-0,047	0,304
CHR4	29097667	CHR4:29097667	SSF x Far_LoA	-10,6926107	-0,013	0,299
CHR4	29097703	CHR4:29097703	SSF x Far_LoA	-8,95049991	-0,014	0,306
CHR4	29097828	CHR4:29097828	SSF x Far_LoA	-10,6786691	-0,006	0,310
CHR4	29118550	CHR4:29118550	SSF x Far_LoA	-8,63989687	0,070	0,311
CHR4	29118607	CHR4:29118607	SSF x Far_LoA	-9,8610848	0,026	0,315
CHR4	29118654	CHR4:29118654	SSF x Far_LoA	-1,23829326	-0,152	0,314
CHR4	29118765	CHR4:29118765	SSF x Far_LoA	-5,32039187	-0,115	0,301
CHR4	29118766	CHR4:29118766	SSF x Far_LoA	-3,519044	-0,129	0,301
CHR4	29121882	CHR4:29121882	SSF x Far_LoA	-11,8512829	-0,033	0,303
CHR4	29138485	CHR4:29138485	SSF x Far_LoA	-7,23683526	-0,190	0,301
CHR4	29138513	CHR4:29138513	SSF x Far_LoA	-9,12973505	0,132	0,300
CHR4	29144285	CHR4:29144285	SSF x Far_LoA	-7,85070721	0,118	0,305
CHR4	29155069	CHR4:29155069	SSF x Far_LoA	-6,01943824	0,172	0,306
CHR4	29155327	CHR4:29155327	SSF x Far_LoA	-9,14028518	-0,073	0,301
CHR4	29160731	CHR4:29160731	SSF x Far_LoA	-9,96227743	0,078	0,306
CHR4	29160753	CHR4:29160753	SSF x Far_LoA	-10,5676889	0,054	0,311
CHR4	29160781	CHR4:29160781	SSF x Far_LoA	-8,79395409	-0,066	0,314
CHR4	29161009	CHR4:29161009	SSF x Far_LoA	-8,76974775	-0,066	0,309
CHR4	29161010	CHR4:29161010	SSF x Far_LoA	-5,47055766	0,116	0,304
CHR4	29161081	CHR4:29161081	SSF x Far_LoA	-8,54350587	0,060	0,312
CHR4	29161090	CHR4:29161090	SSF x Far_LoA	-10,1620265	0,015	0,298
CHR4	29164245	CHR4:29164245	SSF x Far_LoA	-11,1246574	-0,063	0,303
CHR4	29164266	CHR4:29164266	SSF x Far_LoA	-8,22056605	0,136	0,299
CHR4	29176035	CHR4:29176035	SSF x Far_LoA	-10,3942626	-0,017	0,307
CHR4	29181784	CHR4:29181784	SSF x Far_LoA	-8,5129153	-0,149	0,290
CHR4	29185952	CHR4:29185952	SSF x Far_LoA	-7,67112165	0,108	0,308
CHR4	29189218	CHR4:29189218	SSF x Far_LoA	-10,5401976	0,068	0,315
CHR4	29189297	CHR4:29189297	SSF x Far_LoA	-2,03912101	-0,124	0,304
CHR4	29189364	CHR4:29189364	SSF x Far_LoA	-6,79946297	0,097	0,299
CHR4	29190543	CHR4:29190543	SSF x Far_LoA	-9,42909531	0,014	0,298
CHR4	29190544	CHR4:29190544	SSF x Far_LoA	-9,82594948	0,045	0,299
CHR4	29190545	CHR4:29190545	SSF x Far_LoA	-8,77840366	0,008	0,304
CHR4	29190579	CHR4:29190579	SSF x Far_LoA	-8,85908289	0,056	0,300
CHR4	29190599	CHR4:29190599	SSF x Far_LoA	-10,6683926	0,029	0,316
CHR4	29190649	CHR4:29190649	SSF x Far_LoA	-9,66254517	0,011	0,308
CHR4	29190670	CHR4:29190670	SSF x Far_LoA	-7,01296924	0,058	0,312
CHR4	29190686	CHR4:29190686	SSF x Far_LoA	-9,06406234	-0,029	0,310
CHR4	29190688	CHR4:29190688	SSF x Far_LoA	-9,67895831	0,031	0,303
CHR4	29190788	CHR4:29190788	SSF x Far_LoA	-12,6703286	0,045	0,301
CHR4	29195555	CHR4:29195555	SSF x Far_LoA	-2,50158087	0,150	0,309
CHR4	29195574	CHR4:29195574	SSF x Far_LoA	-11,5116516	0,094	0,294
CHR4	29195624	CHR4:29195624	SSF x Far_LoA	-9,34131354	0,025	0,311
CHR4	29195645	CHR4:29195645	SSF x Far_LoA	-7,57818162	0,075	0,302
CHR4	29195647	CHR4:29195647	SSF x Far_LoA	-8,80619521	-0,089	0,314
CHR4	29229381	CHR4:29229381	SSF x Far_LoA	-8,23119067	0,115	0,321
CHR4	29229401	CHR4:29229401	SSF x Far_LoA	-7,96931513	-0,037	0,322
CHR4	29229420	CHR4:29229420	SSF x Far_LoA	-7,42937822	0,076	0,305
CHR4	29229461	CHR4:29229461	SSF x Far_LoA	-9,3776952	-0,091	0,305
CHR4	29229472	CHR4:29229472	SSF x Far_LoA	-9,99960709	0,003	0,304

CHR4	29229530	CHR4:29229530	SSF x Far_LoA	-11,3584708	-0,006	0,310
CHR4	29233342	CHR4:29233342	SSF x Far_LoA	-11,2541322	0,048	0,302
CHR4	29234918	CHR4:29234918	SSF x Far_LoA	-7,47372485	-0,174	0,312
CHR4	29234924	CHR4:29234924	SSF x Far_LoA	-8,37929703	-0,169	0,305
CHR4	29234925	CHR4:29234925	SSF x Far_LoA	-8,39923248	0,041	0,310
CHR4	29234954	CHR4:29234954	SSF x Far_LoA	-7,21050626	0,108	0,311
CHR4	29234998	CHR4:29234998	SSF x Far_LoA	-6,0495603	-0,017	0,307
CHR4	29235010	CHR4:29235010	SSF x Far_LoA	-9,5200292	-0,074	0,303
CHR4	29240648	CHR4:29240648	SSF x Far_LoA	-9,81395917	-0,028	0,306
CHR4	29240688	CHR4:29240688	SSF x Far_LoA	-11,4167474	-0,010	0,301
CHR4	29240719	CHR4:29240719	SSF x Far_LoA	-9,62432888	-0,031	0,303
CHR4	29245917	CHR4:29245917	SSF x Far_LoA	-8,93949401	0,018	0,310
CHR4	29245936	CHR4:29245936	SSF x Far_LoA	-9,18686856	-0,027	0,304
CHR4	29247714	CHR4:29247714	SSF x Far_LoA	14,6547445	0,101	0,302
CHR4	29251354	CHR4:29251354	SSF x Far_LoA	-7,26133313	0,008	0,302
CHR4	29251419	CHR4:29251419	SSF x Far_LoA	-9,83191991	-0,026	0,313
CHR4	29251425	CHR4:29251425	SSF x Far_LoA	-8,77005898	-0,053	0,303
CHR4	29251480	CHR4:29251480	SSF x Far_LoA	-8,03735164	0,099	0,307
CHR4	29251506	CHR4:29251506	SSF x Far_LoA	-7,71225199	0,105	0,300
CHR4	29251524	CHR4:29251524	SSF x Far_LoA	-9,60084909	0,039	0,313
CHR4	29251582	CHR4:29251582	SSF x Far_LoA	-9,73974729	0,031	0,317
CHR4	29253670	CHR4:29253670	SSF x Far_LoA	-9,13915459	-0,057	0,307
CHR4	29253687	CHR4:29253687	SSF x Far_LoA	-10,2788061	0,024	0,296
CHR4	29253797	CHR4:29253797	SSF x Far_LoA	-7,36552229	0,048	0,302
CHR4	29258544	CHR4:29258544	SSF x Far_LoA	-9,07488006	0,100	0,295
CHR4	29259159	CHR4:29259159	SSF x Far_LoA	-9,59923274	0,043	0,315
CHR4	29266100	CHR4:29266100	SSF x Far_LoA	-8,06649198	0,065	0,312
CHR4	29266117	CHR4:29266117	SSF x Far_LoA	-9,92303666	-0,046	0,311
CHR4	29266123	CHR4:29266123	SSF x Far_LoA	-7,80547619	-0,048	0,314
CHR4	29272791	CHR4:29272791	SSF x Far_LoA	-9,86562288	0,037	0,297
CHR4	29272818	CHR4:29272818	SSF x Far_LoA	-9,36493184	-0,042	0,310
CHR4	29272984	CHR4:29272984	SSF x Far_LoA	-10,4309345	-0,031	0,312
CHR4	29272994	CHR4:29272994	SSF x Far_LoA	-11,1335884	-0,015	0,315
CHR4	29280856	CHR4:29280856	SSF x Far_LoA	-10,4562612	-0,066	0,299
CHR4	29280966	CHR4:29280966	SSF x Far_LoA	-10,1341865	-0,158	0,296
CHR4	29280981	CHR4:29280981	SSF x Far_LoA	-9,46431968	0,109	0,281
CHR4	29281007	CHR4:29281007	SSF x Far_LoA	-12,1561068	-0,027	0,301
CHR4	29281064	CHR4:29281064	SSF x Far_LoA	-12,5258514	-0,097	0,295
CHR4	29281079	CHR4:29281079	SSF x Far_LoA	-10,5686705	0,080	0,293
CHR4	29286992	CHR4:29286992	SSF x Far_LoA	-10,7353081	-0,043	0,305
CHR4	2928736	CHR4:2928736	SSF x Far_LoA	-8,87042797	-0,043	0,316
CHR4	2928737	CHR4:2928737	SSF x Far_LoA	-8,28687968	-0,020	0,313
CHR4	2928794	CHR4:2928794	SSF x Far_LoA	-10,5887716	0,028	0,297
CHR4	29288341	CHR4:29288341	SSF x Far_LoA	-11,2947771	0,009	0,291
CHR4	29291945	CHR4:29291945	SSF x Far_LoA	-5,37448198	0,011	0,308
CHR4	29291975	CHR4:29291975	SSF x Far_LoA	-11,5496395	0,024	0,319
CHR4	29298771	CHR4:29298771	SSF x Far_LoA	-4,95901408	0,086	0,303
CHR4	29298798	CHR4:29298798	SSF x Far_LoA	-4,14140703	-0,141	0,291
CHR4	29298877	CHR4:29298877	SSF x Far_LoA	-11,8875176	-0,066	0,304
CHR4	29298899	CHR4:29298899	SSF x Far_LoA	-11,6108387	-0,017	0,316
CHR4	29298942	CHR4:29298942	SSF x Far_LoA	-9,04013231	0,010	0,318
CHR4	29300547	CHR4:29300547	SSF x Far_LoA	-10,2279161	0,018	0,309
CHR4	29300690	CHR4:29300690	SSF x Far_LoA	-11,3794681	-0,015	0,312

CHR4	29313022	CHR4:29313022	SSF x Far_LoA	-9,61520813	0,110	0,295
CHR4	29322018	CHR4:29322018	SSF x Far_LoA	-7,13965941	0,043	0,296
CHR4	29322128	CHR4:29322128	SSF x Far_LoA	-9,41869301	-0,005	0,295
CHR4	29322129	CHR4:29322129	SSF x Far_LoA	-7,60860217	-0,030	0,315
CHR4	29328133	CHR4:29328133	SSF x Far_LoA	-7,6015389	-0,126	0,307
CHR4	29328231	CHR4:29328231	SSF x Far_LoA	-5,38805735	0,193	0,280
CHR4	29328443	CHR4:29328443	SSF x Far_LoA	-9,81536323	-0,008	0,310
CHR4	29328459	CHR4:29328459	SSF x Far_LoA	-6,7694975	-0,165	0,292
CHR4	29328489	CHR4:29328489	SSF x Far_LoA	-6,45047307	-0,009	0,308
CHR4	29328502	CHR4:29328502	SSF x Far_LoA	-10,4709615	0,107	0,293
CHR4	29328542	CHR4:29328542	SSF x Far_LoA	-7,30063232	0,070	0,286
CHR4	29334911	CHR4:29334911	SSF x Far_LoA	-11,4732779	0,106	0,298
CHR4	29334959	CHR4:29334959	SSF x Far_LoA	-8,62733928	0,085	0,304
CHR4	29335041	CHR4:29335041	SSF x Far_LoA	-8,94223563	0,077	0,304
CHR4	29341456	CHR4:29341456	SSF x Far_LoA	-9,60885039	0,040	0,298
CHR4	29341658	CHR4:29341658	SSF x Far_LoA	-10,4888285	0,028	0,310
CHR4	29341668	CHR4:29341668	SSF x Far_LoA	-10,7184149	-0,002	0,320
CHR4	29341672	CHR4:29341672	SSF x Far_LoA	-8,28196189	-0,045	0,314
CHR4	29341681	CHR4:29341681	SSF x Far_LoA	-8,75861466	0,041	0,307
CHR4	2934402	CHR4:2934402	SSF x Far_LoA	-7,22263181	-0,138	0,312
CHR4	2934416	CHR4:2934416	SSF x Far_LoA	-8,91087405	0,086	0,307
CHR4	29345173	CHR4:29345173	SSF x Far_LoA	-10,392741	0,084	0,306
CHR4	29345272	CHR4:29345272	SSF x Far_LoA	-10,4084919	-0,006	0,306
CHR4	29345346	CHR4:29345346	SSF x Far_LoA	-11,1311509	-0,074	0,283
CHR4	29345347	CHR4:29345347	SSF x Far_LoA	-7,61640072	0,128	0,285
CHR4	2934590	CHR4:2934590	SSF x Far_LoA	-8,78541972	0,039	0,307
CHR4	29358426	CHR4:29358426	SSF x Far_LoA	-7,56823653	0,103	0,317
CHR4	29358450	CHR4:29358450	SSF x Far_LoA	-11,6410638	-0,053	0,305
CHR4	29374304	CHR4:29374304	SSF x Far_LoA	-9,89775381	0,003	0,305
CHR4	29374373	CHR4:29374373	SSF x Far_LoA	-8,81595236	0,018	0,311
CHR4	29388626	CHR4:29388626	SSF x Far_LoA	-8,0676926	-0,062	0,318
CHR4	29388628	CHR4:29388628	SSF x Far_LoA	-7,65380461	-0,048	0,327
CHR4	29388644	CHR4:29388644	SSF x Far_LoA	-11,0438636	-0,035	0,309
CHR4	29388667	CHR4:29388667	SSF x Far_LoA	-5,99703214	-0,060	0,315
CHR4	29388760	CHR4:29388760	SSF x Far_LoA	-7,46246193	0,113	0,297
CHR4	29388776	CHR4:29388776	SSF x Far_LoA	-9,96611661	-0,007	0,305
CHR4	29401439	CHR4:29401439	SSF x Far_LoA	-8,40580256	0,065	0,297
CHR4	29401465	CHR4:29401465	SSF x Far_LoA	-7,31050503	-0,033	0,313
CHR4	29401497	CHR4:29401497	SSF x Far_LoA	-7,14181255	-0,084	0,303
CHR4	29401500	CHR4:29401500	SSF x Far_LoA	-9,61152161	-0,084	0,307
CHR4	29406009	CHR4:29406009	SSF x Far_LoA	-9,83448228	0,094	0,288
CHR4	29407816	CHR4:29407816	SSF x Far_LoA	-8,86787606	-0,073	0,312
CHR4	29407899	CHR4:29407899	SSF x Far_LoA	-9,39478497	-0,071	0,313
CHR4	29407912	CHR4:29407912	SSF x Far_LoA	-11,1454848	0,038	0,321
CHR4	29411202	CHR4:29411202	SSF x Far_LoA	-11,5098267	0,028	0,299
CHR4	2941404	CHR4:2941404	SSF x Far_LoA	-9,93324201	0,052	0,317
CHR4	29421129	CHR4:29421129	SSF x Far_LoA	-11,2099895	0,007	0,304
CHR4	29424212	CHR4:29424212	SSF x Far_LoA	-7,19679977	0,169	0,279
CHR4	29424243	CHR4:29424243	SSF x Far_LoA	-6,11550457	-0,114	0,311
CHR4	29435827	CHR4:29435827	SSF x Far_LoA	-9,41387885	-0,028	0,315
CHR4	29438031	CHR4:29438031	SSF x Far_LoA	-8,4751712	-0,046	0,308
CHR4	29438047	CHR4:29438047	SSF x Far_LoA	-9,39759092	0,039	0,302
CHR4	29438095	CHR4:29438095	SSF x Far_LoA	-7,84834893	0,061	0,304

CHR4	29438131	CHR4:29438131	SSF x Far_LoA	-9,34488837	-0,088	0,303
CHR4	29452713	CHR4:29452713	SSF x Far_LoA	-8,83833482	-0,066	0,298
CHR4	29452801	CHR4:29452801	SSF x Far_LoA	-7,17879918	-0,086	0,320
CHR4	29452848	CHR4:29452848	SSF x Far_LoA	-9,11673442	-0,011	0,310
CHR4	29455124	CHR4:29455124	SSF x Far_LoA	-9,80410935	-0,008	0,312
CHR4	29455168	CHR4:29455168	SSF x Far_LoA	-9,99463071	-0,101	0,303
CHR4	29456279	CHR4:29456279	SSF x Far_LoA	-9,37366181	-0,023	0,306
CHR4	29456358	CHR4:29456358	SSF x Far_LoA	-11,6185069	0,059	0,282
CHR4	29460042	CHR4:29460042	SSF x Far_LoA	-10,8505666	0,089	0,303
CHR4	29460052	CHR4:29460052	SSF x Far_LoA	-8,90800404	0,070	0,305
CHR4	29460103	CHR4:29460103	SSF x Far_LoA	-10,4158827	0,005	0,314
CHR4	29462774	CHR4:29462774	SSF x Far_LoA	-7,33917526	0,137	0,314
CHR4	29462810	CHR4:29462810	SSF x Far_LoA	-11,1247191	0,051	0,311
CHR4	29471982	CHR4:29471982	SSF x Far_LoA	-11,8141877	0,015	0,310
CHR4	29472207	CHR4:29472207	SSF x Far_LoA	-9,91146908	0,028	0,304
CHR4	29474992	CHR4:29474992	SSF x Far_LoA	-9,41702952	-0,035	0,319
CHR4	29475017	CHR4:29475017	SSF x Far_LoA	-12,0426414	-0,008	0,310
CHR4	29489623	CHR4:29489623	SSF x Far_LoA	-8,51653683	-0,019	0,294
CHR4	29489624	CHR4:29489624	SSF x Far_LoA	-7,57106142	0,022	0,310
CHR4	29489675	CHR4:29489675	SSF x Far_LoA	-7,40794996	0,083	0,298
CHR4	29494303	CHR4:29494303	SSF x Far_LoA	-3,938804	-0,068	0,308
CHR4	29494379	CHR4:29494379	SSF x Far_LoA	-8,34972787	-0,097	0,303
CHR4	29494426	CHR4:29494426	SSF x Far_LoA	-9,95235788	-0,062	0,287
CHR4	29494436	CHR4:29494436	SSF x Far_LoA	-10,9651758	-0,031	0,310
CHR4	29495804	CHR4:29495804	SSF x Far_LoA	-10,6907638	0,082	0,303
CHR4	29497683	CHR4:29497683	SSF x Far_LoA	-10,9450714	-0,058	0,296
CHR4	29497689	CHR4:29497689	SSF x Far_LoA	-4,63473503	0,030	0,305
CHR4	29497706	CHR4:29497706	SSF x Far_LoA	-6,27317195	0,193	0,296
CHR4	29497741	CHR4:29497741	SSF x Far_LoA	-9,30197431	0,024	0,297
CHR4	29497838	CHR4:29497838	SSF x Far_LoA	-8,23487174	0,128	0,289
CHR4	3E+07	CHR4:29502076	SSF x Far_LoA	-5,98718257	0,136	0,317
CHR4	3E+07	CHR4:29502148	SSF x Far_LoA	-7,25446822	0,117	0,299
CHR4	3E+07	CHR4:29502156	SSF x Far_LoA	-9,72806842	0,136	0,297
CHR4	3E+07	CHR4:29502301	SSF x Far_LoA	-9,35177058	-0,012	0,309
CHR4	3E+07	CHR4:29502319	SSF x Far_LoA	-8,85105648	0,057	0,306
CHR4	3E+07	CHR4:29508683	SSF x Far_LoA	-9,39082318	-0,015	0,311
CHR4	3E+07	CHR4:29511681	SSF x Far_LoA	-9,34639379	0,011	0,303
CHR4	3E+07	CHR4:29511696	SSF x Far_LoA	-9,25967063	0,061	0,308
CHR4	3E+07	CHR4:29511767	SSF x Far_LoA	-8,99655514	0,007	0,314
CHR4	3E+07	CHR4:29511782	SSF x Far_LoA	-9,82311331	0,055	0,297
CHR4	3E+07	CHR4:29517556	SSF x Far_LoA	-4,68672291	-0,195	0,280
CHR4	3E+07	CHR4:29517596	SSF x Far_LoA	-8,71821488	-0,111	0,312
CHR4	3E+07	CHR4:29517603	SSF x Far_LoA	-8,62804838	0,033	0,311
CHR4	3E+07	CHR4:29525968	SSF x Far_LoA	-9,44782632	-0,093	0,311
CHR4	3E+07	CHR4:29525990	SSF x Far_LoA	-10,8053308	0,085	0,296
CHR4	3E+07	CHR4:29531650	SSF x Far_LoA	-10,5182201	0,028	0,289
CHR4	3E+07	CHR4:29534266	SSF x Far_LoA	-8,67914496	-0,014	0,323
CHR4	3E+07	CHR4:29534511	SSF x Far_LoA	-8,09423628	0,063	0,318
CHR4	3E+07	CHR4:29534532	SSF x Far_LoA	-8,21500855	0,066	0,308
CHR4	2953757	CHR4:2953757	SSF x Far_LoA	-5,72383685	-0,034	0,320
CHR4	2953961	CHR4:2953961	SSF x Far_LoA	-6,00903184	0,054	0,307
CHR4	3E+07	CHR4:29542571	SSF x Far_LoA	-11,8330456	0,029	0,308
CHR4	3E+07	CHR4:29542573	SSF x Far_LoA	-10,0540533	-0,099	0,315

CHR4	3E+07	CHR4:29542692	SSF x Far_LoA	-5,76714762	0,012	0,304
CHR4	3E+07	CHR4:29542764	SSF x Far_LoA	-5,98403909	-0,191	0,308
CHR4	3E+07	CHR4:29551558	SSF x Far_LoA	12,4600243	-0,160	0,320
CHR4	3E+07	CHR4:29553326	SSF x Far_LoA	-10,9392615	-0,009	0,308
CHR4	3E+07	CHR4:29553429	SSF x Far_LoA	-10,9894448	0,060	0,298
CHR4	3E+07	CHR4:29553462	SSF x Far_LoA	-9,39968554	-0,055	0,305
CHR4	3E+07	CHR4:29566535	SSF x Far_LoA	-8,51780778	0,184	0,289
CHR4	3E+07	CHR4:29569415	SSF x Far_LoA	-11,4366723	0,055	0,303
CHR4	3E+07	CHR4:29570477	SSF x Far_LoA	-8,33905467	-0,123	0,308
CHR4	3E+07	CHR4:29570479	SSF x Far_LoA	3,14640337	-0,217	0,296
CHR4	3E+07	CHR4:29570502	SSF x Far_LoA	-6,02962496	-0,014	0,314
CHR4	3E+07	CHR4:29570518	SSF x Far_LoA	-11,3088249	-0,069	0,298
CHR4	3E+07	CHR4:29570564	SSF x Far_LoA	-6,43076735	0,051	0,311
CHR4	3E+07	CHR4:29572719	SSF x Far_LoA	-8,81207156	0,026	0,294
CHR4	3E+07	CHR4:29573802	SSF x Far_LoA	-11,5206987	-0,032	0,318
CHR4	3E+07	CHR4:29575996	SSF x Far_LoA	-5,76138445	0,094	0,314
CHR4	3E+07	CHR4:29576010	SSF x Far_LoA	-7,94303844	-0,024	0,314
CHR4	3E+07	CHR4:29576015	SSF x Far_LoA	-4,60954671	0,084	0,319
CHR4	3E+07	CHR4:29576112	SSF x Far_LoA	-9,80279476	0,176	0,286
CHR4	3E+07	CHR4:29576129	SSF x Far_LoA	-11,2051267	0,043	0,303
CHR4	2958517	CHR4:2958517	SSF x Far_LoA	-11,5491632	-0,062	0,290
CHR4	3E+07	CHR4:29585344	SSF x Far_LoA	-10,9237595	0,040	0,306
CHR4	2958538	CHR4:2958538	SSF x Far_LoA	-8,67267465	0,070	0,313
CHR4	3E+07	CHR4:29585463	SSF x Far_LoA	-6,37898005	0,125	0,306
CHR4	3E+07	CHR4:29585506	SSF x Far_LoA	-8,45096497	0,205	0,293
CHR4	2958572	CHR4:2958572	SSF x Far_LoA	-7,83708836	-0,123	0,300
CHR4	3E+07	CHR4:29593741	SSF x Far_LoA	-6,77145915	-0,104	0,315
CHR4	3E+07	CHR4:29593830	SSF x Far_LoA	-9,33494887	0,027	0,300
CHR4	3E+07	CHR4:29593935	SSF x Far_LoA	-8,89891504	-0,044	0,315
CHR4	3E+07	CHR4:29594010	SSF x Far_LoA	-9,80346133	-0,028	0,302
CHR4	3E+07	CHR4:29607575	SSF x Far_LoA	-8,2729958	-0,139	0,318
CHR4	3E+07	CHR4:29607576	SSF x Far_LoA	-11,1676058	-0,088	0,306
CHR4	3E+07	CHR4:29607586	SSF x Far_LoA	-10,1614956	0,117	0,306
CHR4	3E+07	CHR4:29612656	SSF x Far_LoA	-10,7318036	-0,007	0,302
CHR4	3E+07	CHR4:29615229	SSF x Far_LoA	-10,2827903	-0,041	0,310
CHR4	3E+07	CHR4:29615357	SSF x Far_LoA	-8,30130537	0,033	0,313
CHR4	3E+07	CHR4:29622740	SSF x Far_LoA	-9,20798584	0,053	0,298
CHR4	3E+07	CHR4:29622825	SSF x Far_LoA	-10,23882	0,019	0,293
CHR4	3E+07	CHR4:29622903	SSF x Far_LoA	-10,4316719	0,012	0,308
CHR4	3E+07	CHR4:29622936	SSF x Far_LoA	-10,4170823	0,043	0,302
CHR4	3E+07	CHR4:29622946	SSF x Far_LoA	-11,0828239	-0,036	0,302
CHR4	3E+07	CHR4:29629952	SSF x Far_LoA	-10,4566068	0,027	0,303
CHR4	3E+07	CHR4:29643611	SSF x Far_LoA	-7,7915265	0,124	0,291
CHR4	3E+07	CHR4:29643651	SSF x Far_LoA	-7,23249355	0,080	0,308
CHR4	3E+07	CHR4:29648175	SSF x Far_LoA	-8,13551478	-0,151	0,303
CHR4	3E+07	CHR4:29648480	SSF x Far_LoA	-7,65539367	0,101	0,303
CHR4	3E+07	CHR4:29648503	SSF x Far_LoA	-6,50979729	0,053	0,298
CHR4	3E+07	CHR4:29648568	SSF x Far_LoA	-8,01997007	-0,108	0,314
CHR4	3E+07	CHR4:29648579	SSF x Far_LoA	-7,02824259	-0,036	0,315
CHR4	3E+07	CHR4:29653321	SSF x Far_LoA	-11,2980014	0,145	0,286
CHR4	3E+07	CHR4:29653357	SSF x Far_LoA	-9,43366442	-0,009	0,289
CHR4	3E+07	CHR4:29653376	SSF x Far_LoA	-9,25069661	-0,094	0,297
CHR4	3E+07	CHR4:29653448	SSF x Far_LoA	-10,7746166	-0,077	0,302

CHR4	3E+07	CHR4:29653501	SSF x Far_LoA	-9,46897307	-0,001	0,304
CHR4	3E+07	CHR4:29653527	SSF x Far_LoA	-7,4613491	-0,044	0,302
CHR4	3E+07	CHR4:29655093	SSF x Far_LoA	-7,21428162	-0,072	0,308
CHR4	3E+07	CHR4:29655233	SSF x Far_LoA	-11,1718686	-0,103	0,305
CHR4	3E+07	CHR4:29655234	SSF x Far_LoA	-10,4711555	-0,087	0,305
CHR4	3E+07	CHR4:29663148	SSF x Far_LoA	-8,53459835	0,010	0,306
CHR4	3E+07	CHR4:29672376	SSF x Far_LoA	-8,20678162	0,063	0,314
CHR4	3E+07	CHR4:29672394	SSF x Far_LoA	-7,83574104	0,073	0,313
CHR4	3E+07	CHR4:29672444	SSF x Far_LoA	-8,06471636	-0,108	0,304
CHR4	3E+07	CHR4:29672500	SSF x Far_LoA	-9,63490624	-0,159	0,295
CHR4	3E+07	CHR4:29673252	SSF x Far_LoA	-10,3866966	-0,033	0,304
CHR4	3E+07	CHR4:29674670	SSF x Far_LoA	-9,89515254	0,083	0,307
CHR4	3E+07	CHR4:29674799	SSF x Far_LoA	-9,08837375	-0,074	0,314
CHR4	3E+07	CHR4:29675683	SSF x Far_LoA	-10,4318995	0,072	0,309
CHR4	3E+07	CHR4:29675712	SSF x Far_LoA	-10,9413754	0,021	0,314
CHR4	3E+07	CHR4:29675822	SSF x Far_LoA	-9,65886507	0,012	0,316
CHR4	3E+07	CHR4:29675924	SSF x Far_LoA	-8,6545662	-0,091	0,311
CHR4	3E+07	CHR4:29682817	SSF x Far_LoA	-12,3036332	0,001	0,299
CHR4	3E+07	CHR4:29682829	SSF x Far_LoA	-9,07322196	0,066	0,294
CHR4	3E+07	CHR4:29683501	SSF x Far_LoA	-11,7182717	0,118	0,299
CHR4	3E+07	CHR4:29683729	SSF x Far_LoA	-10,7971721	-0,043	0,306
CHR4	3E+07	CHR4:29688953	SSF x Far_LoA	-9,34064165	0,125	0,297
CHR4	3E+07	CHR4:29688973	SSF x Far_LoA	-8,87300601	0,087	0,310
CHR4	3E+07	CHR4:29689043	SSF x Far_LoA	-10,1520057	0,084	0,301
CHR4	3E+07	CHR4:29689061	SSF x Far_LoA	-9,80617787	0,013	0,311
CHR4	3E+07	CHR4:29694075	SSF x Far_LoA	-8,38354887	0,106	0,286
CHR4	3E+07	CHR4:29694134	SSF x Far_LoA	-9,8679263	0,024	0,308
CHR4	3E+07	CHR4:29694136	SSF x Far_LoA	-11,2855426	-0,011	0,313
CHR4	3E+07	CHR4:29694150	SSF x Far_LoA	-8,16165522	0,086	0,302
CHR4	3E+07	CHR4:29694395	SSF x Far_LoA	-7,14048949	0,112	0,298
CHR4	3E+07	CHR4:29699954	SSF x Far_LoA	-10,3772323	0,009	0,316
CHR4	3E+07	CHR4:29700107	SSF x Far_LoA	-8,60660918	-0,008	0,307
CHR4	3E+07	CHR4:29706773	SSF x Far_LoA	-12,2549796	-0,048	0,299
CHR4	3E+07	CHR4:29706774	SSF x Far_LoA	-12,2790178	-0,074	0,307
CHR4	3E+07	CHR4:29706776	SSF x Far_LoA	-12,2364651	-0,050	0,307
CHR4	3E+07	CHR4:29706894	SSF x Far_LoA	-5,37608041	-0,204	0,297
CHR4	3E+07	CHR4:29706912	SSF x Far_LoA	-9,74572808	-0,068	0,312
CHR4	3E+07	CHR4:29706922	SSF x Far_LoA	-11,8492647	0,030	0,301
CHR4	3E+07	CHR4:29706957	SSF x Far_LoA	-9,81607395	-0,022	0,306
CHR4	3E+07	CHR4:29707089	SSF x Far_LoA	-10,4269354	0,038	0,295
CHR4	3E+07	CHR4:29715188	SSF x Far_LoA	-8,95965686	0,061	0,310
CHR4	3E+07	CHR4:29715238	SSF x Far_LoA	-7,63803272	-0,084	0,323
CHR4	3E+07	CHR4:29715250	SSF x Far_LoA	-8,83887727	0,031	0,306
CHR4	3E+07	CHR4:29715262	SSF x Far_LoA	-7,96464602	0,137	0,307
CHR4	3E+07	CHR4:29717450	SSF x Far_LoA	-12,1268727	0,003	0,297
CHR4	3E+07	CHR4:29717608	SSF x Far_LoA	-10,9545081	0,041	0,300
CHR4	3E+07	CHR4:29717632	SSF x Far_LoA	-11,51957	-0,029	0,308
CHR4	3E+07	CHR4:29721337	SSF x Far_LoA	-11,4993689	-0,067	0,318
CHR4	3E+07	CHR4:29721426	SSF x Far_LoA	-5,34566919	0,078	0,295
CHR4	3E+07	CHR4:29721443	SSF x Far_LoA	4,42839182	-0,123	0,298
CHR4	3E+07	CHR4:29721470	SSF x Far_LoA	-10,179019	0,044	0,308
CHR4	3E+07	CHR4:29730640	SSF x Far_LoA	-9,64048021	0,031	0,306
CHR4	3E+07	CHR4:29734123	SSF x Far_LoA	-9,29290416	-0,127	0,303

CHR4	3E+07	CHR4:29734152	SSF x Far_LoA	-8,98347763	0,038	0,299
CHR4	3E+07	CHR4:29734153	SSF x Far_LoA	-8,06313574	0,109	0,310
CHR4	3E+07	CHR4:29747931	SSF x Far_LoA	-7,12954865	-0,142	0,309
CHR4	3E+07	CHR4:29747995	SSF x Far_LoA	-9,99022198	-0,015	0,302
CHR4	3E+07	CHR4:29754987	SSF x Far_LoA	-11,1254345	-0,068	0,300
CHR4	3E+07	CHR4:29755000	SSF x Far_LoA	-5,92653857	-0,087	0,311
CHR4	3E+07	CHR4:29755074	SSF x Far_LoA	-11,8016489	-0,024	0,315
CHR4	3E+07	CHR4:29755108	SSF x Far_LoA	-6,83107257	-0,090	0,297
CHR4	3E+07	CHR4:29755120	SSF x Far_LoA	-8,53589134	-0,092	0,307
CHR4	3E+07	CHR4:29759929	SSF x Far_LoA	-10,6095852	-0,093	0,301
CHR4	3E+07	CHR4:29760038	SSF x Far_LoA	-10,2882855	0,014	0,303
CHR4	3E+07	CHR4:29760150	SSF x Far_LoA	-10,5472311	0,051	0,305
CHR4	3E+07	CHR4:29760193	SSF x Far_LoA	-7,42333098	-0,108	0,322
CHR4	3E+07	CHR4:29760376	SSF x Far_LoA	-11,3824618	-0,051	0,294
CHR4	3E+07	CHR4:29766356	SSF x Far_LoA	-9,18795858	0,000	0,302
CHR4	3E+07	CHR4:29766442	SSF x Far_LoA	-8,1466958	0,139	0,307
CHR4	3E+07	CHR4:29766592	SSF x Far_LoA	-11,0874172	-0,094	0,300
CHR4	3E+07	CHR4:29766598	SSF x Far_LoA	-9,30528487	-0,053	0,306
CHR4	3E+07	CHR4:29766605	SSF x Far_LoA	-9,50985239	0,054	0,293
CHR4	3E+07	CHR4:29766616	SSF x Far_LoA	-9,28957015	-0,040	0,326
CHR4	3E+07	CHR4:29781112	SSF x Far_LoA	-9,00248622	-0,079	0,301
CHR4	3E+07	CHR4:29781247	SSF x Far_LoA	-9,94317906	-0,013	0,320
CHR4	3E+07	CHR4:29790134	SSF x Far_LoA	-9,86415132	-0,016	0,306
CHR4	3E+07	CHR4:29798833	SSF x Far_LoA	-10,6324305	0,096	0,290
CHR4	3E+07	CHR4:29798914	SSF x Far_LoA	-10,1544575	0,027	0,312
CHR4	3E+07	CHR4:29798924	SSF x Far_LoA	-8,61923193	0,020	0,306
CHR4	3E+07	CHR4:29798937	SSF x Far_LoA	-11,2413013	0,070	0,307
CHR4	3E+07	CHR4:29800141	SSF x Far_LoA	-12,0935636	0,024	0,311
CHR4	3E+07	CHR4:29800155	SSF x Far_LoA	-9,41729795	-0,020	0,309
CHR4	3E+07	CHR4:29800209	SSF x Far_LoA	-8,66132979	-0,009	0,315
CHR4	3E+07	CHR4:29800220	SSF x Far_LoA	-10,9364566	-0,049	0,293
CHR4	3E+07	CHR4:29800221	SSF x Far_LoA	-7,95614001	0,003	0,304
CHR4	3E+07	CHR4:29800280	SSF x Far_LoA	-8,25065838	-0,108	0,309
CHR4	3E+07	CHR4:29800311	SSF x Far_LoA	-9,41798646	-0,055	0,306
CHR4	3E+07	CHR4:29800337	SSF x Far_LoA	-10,6475653	0,058	0,301
CHR4	3E+07	CHR4:29800348	SSF x Far_LoA	-10,6039918	0,027	0,321
CHR4	3E+07	CHR4:29805580	SSF x Far_LoA	-11,5080122	-0,035	0,304
CHR4	2980865	CHR4:2980865	SSF x Far_LoA	-9,74019509	-0,053	0,312
CHR4	3E+07	CHR4:29815182	SSF x Far_LoA	-9,37359749	0,113	0,308
CHR4	3E+07	CHR4:29816503	SSF x Far_LoA	-4,27041876	0,012	0,303
CHR4	3E+07	CHR4:29816504	SSF x Far_LoA	-8,80279107	0,093	0,305
CHR4	3E+07	CHR4:29816554	SSF x Far_LoA	-4,4329466	-0,090	0,300
CHR4	3E+07	CHR4:29821408	SSF x Far_LoA	-10,1710155	-0,047	0,310
CHR4	3E+07	CHR4:29824449	SSF x Far_LoA	-8,65858232	-0,051	0,324
CHR4	3E+07	CHR4:29829451	SSF x Far_LoA	-9,46743862	0,069	0,310
CHR4	3E+07	CHR4:29839047	SSF x Far_LoA	-9,86295107	-0,042	0,299
CHR4	3E+07	CHR4:29839181	SSF x Far_LoA	-10,7694817	-0,007	0,308
CHR4	2984553	CHR4:2984553	SSF x Far_LoA	-11,7708123	-0,014	0,314
CHR4	3E+07	CHR4:29845701	SSF x Far_LoA	-9,61030446	-0,040	0,304
CHR4	2984617	CHR4:2984617	SSF x Far_LoA	-9,28246276	0,032	0,307
CHR4	2984655	CHR4:2984655	SSF x Far_LoA	-10,6148579	0,112	0,297
CHR4	2984669	CHR4:2984669	SSF x Far_LoA	-9,37931288	-0,068	0,301
CHR4	2984670	CHR4:2984670	SSF x Far_LoA	-8,18438034	0,019	0,302

CHR4	2984680	CHR4:2984680	SSF x Far_LoA	-11,631338	0,001	0,316
CHR4	3E+07	CHR4:29851018	SSF x Far_LoA	-7,29722843	-0,155	0,291
CHR4	3E+07	CHR4:29851025	SSF x Far_LoA	-8,75157233	0,090	0,304
CHR4	3E+07	CHR4:29851195	SSF x Far_LoA	-8,92121656	-0,036	0,320
CHR4	3E+07	CHR4:29852961	SSF x Far_LoA	-7,81240193	0,097	0,325
CHR4	3E+07	CHR4:29853004	SSF x Far_LoA	-9,69762524	0,023	0,301
CHR4	3E+07	CHR4:29853015	SSF x Far_LoA	-11,7546964	-0,015	0,303
CHR4	3E+07	CHR4:29853018	SSF x Far_LoA	-10,3439879	-0,035	0,295
CHR4	3E+07	CHR4:29853027	SSF x Far_LoA	-8,09778721	-0,109	0,310
CHR4	3E+07	CHR4:29853036	SSF x Far_LoA	-8,69134434	-0,031	0,298
CHR4	3E+07	CHR4:29853038	SSF x Far_LoA	-9,8310172	-0,048	0,299
CHR4	3E+07	CHR4:29853039	SSF x Far_LoA	-6,18618116	-0,050	0,307
CHR4	2985304	CHR4:2985304	SSF x Far_LoA	-6,81626408	-0,074	0,301
CHR4	3E+07	CHR4:29853044	SSF x Far_LoA	-11,1620603	0,072	0,308
CHR4	2985336	CHR4:2985336	SSF x Far_LoA	-8,5743128	-0,064	0,312
CHR4	3E+07	CHR4:29861907	SSF x Far_LoA	-6,29217921	-0,184	0,292
CHR4	3E+07	CHR4:29861932	SSF x Far_LoA	-9,482679	0,110	0,285
CHR4	3E+07	CHR4:29862069	SSF x Far_LoA	-10,1005803	0,096	0,281
CHR4	3E+07	CHR4:29864988	SSF x Far_LoA	-12,1276744	0,011	0,308
CHR4	3E+07	CHR4:29865039	SSF x Far_LoA	-11,3292152	0,054	0,312
CHR4	3E+07	CHR4:29865082	SSF x Far_LoA	-6,85880336	0,042	0,312
CHR4	3E+07	CHR4:29872924	SSF x Far_LoA	-9,0090303	-0,007	0,307
CHR4	3E+07	CHR4:29872980	SSF x Far_LoA	-7,94514795	-0,139	0,300
CHR4	3E+07	CHR4:29872993	SSF x Far_LoA	-10,3174399	0,001	0,295
CHR4	3E+07	CHR4:29873005	SSF x Far_LoA	-11,309382	-0,069	0,298
CHR4	3E+07	CHR4:29873015	SSF x Far_LoA	-7,47217812	0,131	0,308
CHR4	3E+07	CHR4:29873018	SSF x Far_LoA	-3,12828181	0,138	0,308
CHR4	3E+07	CHR4:29873239	SSF x Far_LoA	-8,90221973	0,000	0,308
CHR4	3E+07	CHR4:29873253	SSF x Far_LoA	-8,05907613	0,082	0,311
CHR4	3E+07	CHR4:29876492	SSF x Far_LoA	-7,570716	-0,043	0,300
CHR4	3E+07	CHR4:29876501	SSF x Far_LoA	-10,5920943	-0,045	0,300
CHR4	3E+07	CHR4:29878380	SSF x Far_LoA	-8,92529891	0,004	0,311
CHR4	3E+07	CHR4:29878383	SSF x Far_LoA	-10,4076183	-0,045	0,296
CHR4	3E+07	CHR4:29878461	SSF x Far_LoA	-8,86015549	-0,160	0,297
CHR4	3E+07	CHR4:29878463	SSF x Far_LoA	-8,8940805	-0,063	0,319
CHR4	3E+07	CHR4:29878468	SSF x Far_LoA	-3,09840368	-0,097	0,309
CHR4	3E+07	CHR4:29878475	SSF x Far_LoA	-4,00805423	0,106	0,307
CHR4	3E+07	CHR4:29879596	SSF x Far_LoA	-11,783122	0,022	0,302
CHR4	3E+07	CHR4:29879848	SSF x Far_LoA	-9,28548387	-0,122	0,312
CHR4	3E+07	CHR4:29884745	SSF x Far_LoA	-8,99854769	0,053	0,327
CHR4	3E+07	CHR4:29890090	SSF x Far_LoA	-10,9163068	0,006	0,300
CHR4	3E+07	CHR4:29890651	SSF x Far_LoA	-9,8593665	-0,018	0,310
CHR4	3E+07	CHR4:29890657	SSF x Far_LoA	-10,5403979	-0,121	0,297
CHR4	3E+07	CHR4:29890679	SSF x Far_LoA	-9,91656966	-0,077	0,312
CHR4	3E+07	CHR4:29890699	SSF x Far_LoA	-9,17398028	-0,064	0,322
CHR4	3E+07	CHR4:29890753	SSF x Far_LoA	-9,64251481	-0,008	0,319
CHR4	3E+07	CHR4:29892739	SSF x Far_LoA	-10,9997418	0,053	0,295
CHR4	3E+07	CHR4:29896455	SSF x Far_LoA	-12,0928524	0,007	0,299
CHR4	3E+07	CHR4:29896496	SSF x Far_LoA	-5,6985308	0,084	0,313
CHR4	3E+07	CHR4:29896570	SSF x Far_LoA	-7,1890855	0,259	0,279
CHR4	3E+07	CHR4:29896636	SSF x Far_LoA	-9,91212228	-0,015	0,320
CHR4	3E+07	CHR4:29902969	SSF x Far_LoA	-9,26043529	-0,023	0,300
CHR4	3E+07	CHR4:29903125	SSF x Far_LoA	-10,2318287	0,031	0,314

CHR4	3E+07	CHR4:29903145	SSF x Far_LoA	-9,97804823	0,025	0,305
CHR4	3E+07	CHR4:29904218	SSF x Far_LoA	-9,65192458	-0,028	0,297
CHR4	3E+07	CHR4:29923539	SSF x Far_LoA	-10,7514724	-0,056	0,320
CHR4	3E+07	CHR4:29942883	SSF x Far_LoA	-11,3978527	0,046	0,298
CHR4	3E+07	CHR4:29946991	SSF x Far_LoA	-11,2258931	-0,047	0,301
CHR4	3E+07	CHR4:29948203	SSF x Far_LoA	-10,9437502	0,052	0,296
CHR4	2995728	CHR4:2995728	SSF x Far_LoA	-10,2518269	0,126	0,293
CHR4	3E+07	CHR4:29959352	SSF x Far_LoA	-7,02112489	-0,085	0,314
CHR4	3E+07	CHR4:29959353	SSF x Far_LoA	-8,9213705	-0,080	0,314
CHR4	3E+07	CHR4:29959362	SSF x Far_LoA	-7,58643725	0,080	0,303
CHR4	2996752	CHR4:2996752	SSF x Far_LoA	-9,08421484	-0,031	0,302
CHR4	2996759	CHR4:2996759	SSF x Far_LoA	-9,81090741	0,041	0,302
CHR4	2996786	CHR4:2996786	SSF x Far_LoA	-10,362424	-0,025	0,300
CHR4	2996787	CHR4:2996787	SSF x Far_LoA	-8,15377667	-0,025	0,314
CHR4	2996789	CHR4:2996789	SSF x Far_LoA	-9,57295364	-0,037	0,311
CHR4	2996794	CHR4:2996794	SSF x Far_LoA	-10,1883309	-0,039	0,315
CHR4	3E+07	CHR4:29971283	SSF x Far_LoA	-11,013374	-0,040	0,303
CHR4	3E+07	CHR4:29973775	SSF x Far_LoA	-10,6246023	-0,071	0,311
CHR4	3E+07	CHR4:29973894	SSF x Far_LoA	-6,80790695	-0,083	0,320
CHR4	3E+07	CHR4:29978371	SSF x Far_LoA	-9,0802662	-0,002	0,301
CHR4	2998457	CHR4:2998457	SSF x Far_LoA	-9,15762575	0,002	0,310
CHR4	2998547	CHR4:2998547	SSF x Far_LoA	-10,7010068	0,082	0,281
CHR4	2998575	CHR4:2998575	SSF x Far_LoA	-8,97096613	-0,084	0,302
CHR4	3E+07	CHR4:29988557	SSF x Far_LoA	-2,7980775	0,159	0,312
CHR4	3E+07	CHR4:29988655	SSF x Far_LoA	-8,08957665	0,038	0,313
CHR4	3E+07	CHR4:29991368	SSF x Far_LoA	-9,07897758	-0,030	0,305
CHR4	3E+07	CHR4:29994065	SSF x Far_LoA	-9,97701539	-0,020	0,306
CHR4	3E+07	CHR4:30001858	SSF x Far_LoA	-8,29943836	-0,086	0,308
CHR4	3E+07	CHR4:30010770	SSF x Far_LoA	-10,5101318	0,027	0,308
CHR4	3E+07	CHR4:30010911	SSF x Far_LoA	-8,03426057	0,137	0,288
CHR4	3E+07	CHR4:30025966	SSF x Far_LoA	-8,48580605	0,021	0,327
CHR4	3E+07	CHR4:30026052	SSF x Far_LoA	-9,07193888	0,037	0,307
CHR4	3E+07	CHR4:30029838	SSF x Far_LoA	-10,7647515	0,022	0,305
CHR4	3E+07	CHR4:30029864	SSF x Far_LoA	-10,6377708	0,057	0,314
CHR4	3E+07	CHR4:30030001	SSF x Far_LoA	-11,0037865	-0,121	0,286
CHR4	3E+07	CHR4:30030129	SSF x Far_LoA	-11,314652	0,002	0,312
CHR4	3E+07	CHR4:30034566	SSF x Far_LoA	-7,85800275	0,052	0,315
CHR4	3E+07	CHR4:30034590	SSF x Far_LoA	-11,287693	0,054	0,303
CHR4	3E+07	CHR4:30034636	SSF x Far_LoA	-8,93217386	0,105	0,310
CHR4	3E+07	CHR4:30034663	SSF x Far_LoA	-10,5440421	-0,016	0,310
CHR4	3E+07	CHR4:30034691	SSF x Far_LoA	-8,35695233	0,036	0,305
CHR4	3E+07	CHR4:30034756	SSF x Far_LoA	-8,61239423	-0,037	0,319
CHR4	3E+07	CHR4:30035813	SSF x Far_LoA	-10,5856534	0,083	0,308
CHR4	3E+07	CHR4:30043473	SSF x Far_LoA	-9,8592724	-0,017	0,308
CHR4	3E+07	CHR4:30043568	SSF x Far_LoA	-8,06213026	-0,055	0,313
CHR4	3E+07	CHR4:30043631	SSF x Far_LoA	-10,0144036	0,078	0,301
CHR4	3E+07	CHR4:30043711	SSF x Far_LoA	-6,50427007	0,185	0,291
CHR4	3E+07	CHR4:30043765	SSF x Far_LoA	-10,2564519	0,029	0,305
CHR4	3E+07	CHR4:30043772	SSF x Far_LoA	-10,5018771	-0,023	0,318
CHR4	3E+07	CHR4:30043816	SSF x Far_LoA	-11,5866702	-0,002	0,310
CHR4	3E+07	CHR4:30046259	SSF x Far_LoA	-9,36075292	0,090	0,309
CHR4	3E+07	CHR4:30046435	SSF x Far_LoA	-10,717234	0,000	0,303
CHR4	3E+07	CHR4:30046440	SSF x Far_LoA	-10,4041838	0,001	0,308

CHR4	3E+07	CHR4:30046443	SSF x Far_LoA	-9,48191043	0,007	0,301
CHR4	3E+07	CHR4:30046446	SSF x Far_LoA	-7,38147079	0,023	0,316
CHR4	3E+07	CHR4:30046447	SSF x Far_LoA	-9,94714886	-0,023	0,307
CHR4	3E+07	CHR4:30049394	SSF x Far_LoA	-10,3534745	0,052	0,300
CHR4	3E+07	CHR4:30049401	SSF x Far_LoA	-11,8437643	-0,032	0,295
CHR4	3E+07	CHR4:30049769	SSF x Far_LoA	-8,34495548	0,111	0,298
CHR4	3E+07	CHR4:30049880	SSF x Far_LoA	-7,63562544	0,116	0,314
CHR4	3E+07	CHR4:30049896	SSF x Far_LoA	-7,74042228	-0,178	0,310
CHR4	3E+07	CHR4:30070622	SSF x Far_LoA	-10,1051093	0,010	0,317
CHR4	3E+07	CHR4:30070750	SSF x Far_LoA	-7,03760635	-0,188	0,292
CHR4	3E+07	CHR4:30070753	SSF x Far_LoA	-10,5633773	-0,035	0,311
CHR4	3E+07	CHR4:30070758	SSF x Far_LoA	-10,3055241	-0,026	0,309
CHR4	3008692	CHR4:3008692	SSF x Far_LoA	-9,94433761	-0,075	0,302
CHR4	3008779	CHR4:3008779	SSF x Far_LoA	-11,3208161	-0,014	0,307
CHR4	3010142	CHR4:3010142	SSF x Far_LoA	-5,9028112	-0,140	0,313
CHR4	3E+07	CHR4:30101668	SSF x Far_LoA	-9,18881781	-0,053	0,303
CHR4	3E+07	CHR4:30101738	SSF x Far_LoA	-10,1607361	-0,084	0,304
CHR4	3010282	CHR4:3010282	SSF x Far_LoA	-9,66133213	0,075	0,304
CHR4	3E+07	CHR4:30106969	SSF x Far_LoA	-6,53562863	-0,149	0,308
CHR4	3E+07	CHR4:30106970	SSF x Far_LoA	-9,91037054	-0,171	0,291
CHR4	3E+07	CHR4:30107022	SSF x Far_LoA	-5,9980933	0,134	0,300
CHR4	3E+07	CHR4:30107151	SSF x Far_LoA	-2,80288959	-0,157	0,302
CHR4	3E+07	CHR4:30115595	SSF x Far_LoA	-7,88557703	-0,089	0,316
CHR4	3E+07	CHR4:30115670	SSF x Far_LoA	-6,11403172	-0,151	0,311
CHR4	3E+07	CHR4:30115696	SSF x Far_LoA	-7,75635098	-0,110	0,300
CHR4	3E+07	CHR4:30115765	SSF x Far_LoA	-11,2362757	-0,099	0,293
CHR4	3E+07	CHR4:30115767	SSF x Far_LoA	-5,82192028	-0,067	0,300
CHR4	3E+07	CHR4:30121168	SSF x Far_LoA	-8,44432327	0,041	0,289
CHR4	3E+07	CHR4:30121224	SSF x Far_LoA	-9,45076558	-0,037	0,314
CHR4	3E+07	CHR4:30121349	SSF x Far_LoA	-8,043108	-0,053	0,292
CHR4	3E+07	CHR4:30121400	SSF x Far_LoA	-8,89829465	0,096	0,303
CHR4	3E+07	CHR4:30121406	SSF x Far_LoA	-6,94150713	0,064	0,294
CHR4	3E+07	CHR4:30121414	SSF x Far_LoA	-9,79186531	-0,102	0,298
CHR4	3E+07	CHR4:30121421	SSF x Far_LoA	-8,10863329	0,083	0,314
CHR4	3E+07	CHR4:30121481	SSF x Far_LoA	-10,1246445	0,014	0,291
CHR4	3012204	CHR4:3012204	SSF x Far_LoA	-9,85846514	0,055	0,316
CHR4	3E+07	CHR4:30128379	SSF x Far_LoA	-9,70982256	-0,150	0,316
CHR4	3E+07	CHR4:30129428	SSF x Far_LoA	-9,17936429	0,030	0,309
CHR4	3E+07	CHR4:30129453	SSF x Far_LoA	-5,44174372	-0,050	0,307
CHR4	3E+07	CHR4:30129455	SSF x Far_LoA	-10,7596211	-0,003	0,295
CHR4	3E+07	CHR4:30129482	SSF x Far_LoA	-9,22972028	-0,085	0,310
CHR4	3E+07	CHR4:30133394	SSF x Far_LoA	-1,26419012	-0,128	0,325
CHR4	3E+07	CHR4:30133410	SSF x Far_LoA	-4,53297439	-0,206	0,301
CHR4	3E+07	CHR4:30133413	SSF x Far_LoA	0,91833518	-0,215	0,292
CHR4	3E+07	CHR4:30133508	SSF x Far_LoA	-7,47380543	0,184	0,292
CHR4	3E+07	CHR4:30133551	SSF x Far_LoA	-10,9191789	0,121	0,298
CHR4	3E+07	CHR4:30136193	SSF x Far_LoA	-10,7625573	0,060	0,308
CHR4	3E+07	CHR4:30140113	SSF x Far_LoA	-9,99649999	-0,015	0,314
CHR4	3E+07	CHR4:30140141	SSF x Far_LoA	-8,27180913	0,030	0,315
CHR4	3E+07	CHR4:30140142	SSF x Far_LoA	-8,66778491	-0,084	0,292
CHR4	3E+07	CHR4:30140181	SSF x Far_LoA	-4,15953666	-0,120	0,304
CHR4	3E+07	CHR4:30140187	SSF x Far_LoA	-9,64920233	-0,108	0,305
CHR4	3E+07	CHR4:30140235	SSF x Far_LoA	-6,47049787	-0,110	0,311

CHR4	3E+07	CHR4:30140382	SSF x Far_LoA	-9,76038339	0,008	0,303
CHR4	3E+07	CHR4:30160823	SSF x Far_LoA	-9,43160068	0,002	0,302
CHR4	3E+07	CHR4:30161255	SSF x Far_LoA	-11,0084109	0,001	0,301
CHR4	3E+07	CHR4:30168830	SSF x Far_LoA	-6,62672575	-0,111	0,297
CHR4	3E+07	CHR4:30168844	SSF x Far_LoA	-8,9744838	-0,054	0,304
CHR4	3E+07	CHR4:30168928	SSF x Far_LoA	-7,27839629	-0,120	0,310
CHR4	3E+07	CHR4:30168930	SSF x Far_LoA	-8,53479274	-0,056	0,302
CHR4	3E+07	CHR4:30168958	SSF x Far_LoA	-11,1908791	-0,050	0,308
CHR4	3E+07	CHR4:30168962	SSF x Far_LoA	-8,48178256	-0,047	0,312
CHR4	3E+07	CHR4:30168978	SSF x Far_LoA	-8,38070221	-0,122	0,297
CHR4	3E+07	CHR4:30168998	SSF x Far_LoA	-8,92759889	0,081	0,297
CHR4	3E+07	CHR4:30169009	SSF x Far_LoA	-7,86725844	-0,123	0,306
CHR4	3E+07	CHR4:30169038	SSF x Far_LoA	-11,6521636	0,019	0,296
CHR4	3E+07	CHR4:30169070	SSF x Far_LoA	-11,5074615	-0,022	0,293
CHR4	3E+07	CHR4:30171882	SSF x Far_LoA	-7,1413057	0,101	0,292
CHR4	3E+07	CHR4:30171890	SSF x Far_LoA	-8,91726263	-0,042	0,313
CHR4	3E+07	CHR4:30176348	SSF x Far_LoA	7,56596545	0,122	0,289
CHR4	3E+07	CHR4:30176437	SSF x Far_LoA	-4,71900703	0,104	0,295
CHR4	3E+07	CHR4:30179470	SSF x Far_LoA	-7,74767803	0,041	0,316
CHR4	3E+07	CHR4:30179472	SSF x Far_LoA	-9,85326526	0,150	0,290
CHR4	3E+07	CHR4:30180902	SSF x Far_LoA	-10,2808966	0,062	0,316
CHR4	3E+07	CHR4:30180966	SSF x Far_LoA	-11,292979	0,002	0,311
CHR4	3E+07	CHR4:30182519	SSF x Far_LoA	-10,7009978	-0,120	0,304
CHR4	3E+07	CHR4:30182522	SSF x Far_LoA	-9,80929274	-0,065	0,309
CHR4	3E+07	CHR4:30182525	SSF x Far_LoA	-10,0012863	-0,118	0,296
CHR4	3E+07	CHR4:30185372	SSF x Far_LoA	-8,46080721	0,072	0,314
CHR4	30191	CHR4:30191	SSF x Far_LoA	-11,0132082	-0,001	0,309
CHR4	3E+07	CHR4:30191645	SSF x Far_LoA	-8,39674104	-0,048	0,303
CHR4	3E+07	CHR4:30195047	SSF x Far_LoA	-10,7034462	0,042	0,304
CHR4	3E+07	CHR4:30195122	SSF x Far_LoA	-9,26299245	0,075	0,304
CHR4	3E+07	CHR4:30195127	SSF x Far_LoA	-9,58988559	0,098	0,297
CHR4	3E+07	CHR4:30195196	SSF x Far_LoA	-7,41979224	0,140	0,308
CHR4	3E+07	CHR4:30195205	SSF x Far_LoA	-9,01043094	0,116	0,283
CHR4	3E+07	CHR4:30195208	SSF x Far_LoA	-10,2944734	0,050	0,308
CHR4	3E+07	CHR4:30195252	SSF x Far_LoA	-9,212422	-0,010	0,313
CHR4	3E+07	CHR4:30220054	SSF x Far_LoA	-10,7046938	0,057	0,314
CHR4	3E+07	CHR4:30224211	SSF x Far_LoA	-8,40308442	-0,078	0,301
CHR4	3E+07	CHR4:30224240	SSF x Far_LoA	-11,6319091	0,020	0,306
CHR4	3E+07	CHR4:30224268	SSF x Far_LoA	-1,35225724	-0,079	0,317
CHR4	3E+07	CHR4:30224298	SSF x Far_LoA	-10,7022956	0,002	0,302
CHR4	3022595	CHR4:3022595	SSF x Far_LoA	-9,50325575	-0,053	0,298
CHR4	3022694	CHR4:3022694	SSF x Far_LoA	-8,85426518	-0,062	0,294
CHR4	3022703	CHR4:3022703	SSF x Far_LoA	-8,28240712	-0,032	0,282
CHR4	3E+07	CHR4:30228949	SSF x Far_LoA	-9,56657257	0,043	0,316
CHR4	3E+07	CHR4:30231170	SSF x Far_LoA	-10,0130282	-0,042	0,292
CHR4	3E+07	CHR4:30231246	SSF x Far_LoA	-3,252129	0,175	0,298
CHR4	3E+07	CHR4:30231288	SSF x Far_LoA	-7,17821615	-0,054	0,321
CHR4	3E+07	CHR4:30231321	SSF x Far_LoA	-8,60501434	-0,057	0,298
CHR4	3E+07	CHR4:30231354	SSF x Far_LoA	-9,36921808	-0,054	0,308
CHR4	30239	CHR4:30239	SSF x Far_LoA	-5,43593337	0,080	0,303
CHR4	3E+07	CHR4:30258200	SSF x Far_LoA	-11,0385896	-0,049	0,301
CHR4	3E+07	CHR4:30258300	SSF x Far_LoA	-7,35258725	0,134	0,315
CHR4	3E+07	CHR4:30258352	SSF x Far_LoA	-8,54280294	-0,066	0,298

CHR4	3E+07	CHR4:30258400	SSF x Far_LoA	-10,3489408	0,034	0,303
CHR4	3E+07	CHR4:30269027	SSF x Far_LoA	-10,0376059	0,024	0,314
CHR4	3E+07	CHR4:30278739	SSF x Far_LoA	-9,16779274	0,109	0,296
CHR4	3E+07	CHR4:30279760	SSF x Far_LoA	-9,26726711	-0,110	0,296
CHR4	3E+07	CHR4:30285528	SSF x Far_LoA	-7,5533279	-0,136	0,309
CHR4	3E+07	CHR4:30285611	SSF x Far_LoA	7,16758705	-0,201	0,301
CHR4	3E+07	CHR4:30298100	SSF x Far_LoA	-8,01517151	-0,048	0,309
CHR4	3E+07	CHR4:30298125	SSF x Far_LoA	-9,63567797	-0,047	0,306
CHR4	3E+07	CHR4:30298242	SSF x Far_LoA	-11,2957177	-0,044	0,304
CHR4	3E+07	CHR4:30298251	SSF x Far_LoA	-11,4300047	0,049	0,305
CHR4	3E+07	CHR4:30298277	SSF x Far_LoA	-9,31314331	0,006	0,307
CHR4	3E+07	CHR4:30300408	SSF x Far_LoA	-9,78239415	0,049	0,312
CHR4	3E+07	CHR4:30300409	SSF x Far_LoA	-9,98722458	0,043	0,312
CHR4	3E+07	CHR4:30302705	SSF x Far_LoA	-10,6223328	0,033	0,304
CHR4	3E+07	CHR4:30302710	SSF x Far_LoA	-10,5177751	-0,048	0,303
CHR4	3E+07	CHR4:30303761	SSF x Far_LoA	-8,65275876	-0,053	0,310
CHR4	3E+07	CHR4:30303806	SSF x Far_LoA	-11,4620292	0,056	0,311
CHR4	3E+07	CHR4:30303843	SSF x Far_LoA	-8,80087664	0,096	0,305
CHR4	3E+07	CHR4:30303856	SSF x Far_LoA	-10,896842	0,036	0,294
CHR4	3E+07	CHR4:30303864	SSF x Far_LoA	-7,69834358	0,097	0,306
CHR4	3E+07	CHR4:30303904	SSF x Far_LoA	-7,7306762	-0,099	0,311
CHR4	3E+07	CHR4:30303930	SSF x Far_LoA	-12,2672352	-0,013	0,297
CHR4	3E+07	CHR4:30303932	SSF x Far_LoA	-10,4597397	0,031	0,311
CHR4	3E+07	CHR4:30311209	SSF x Far_LoA	-7,80747405	0,010	0,308
CHR4	3E+07	CHR4:30315737	SSF x Far_LoA	-8,26059017	-0,059	0,293
CHR4	3E+07	CHR4:30315760	SSF x Far_LoA	-10,5014321	-0,056	0,310
CHR4	3E+07	CHR4:30315777	SSF x Far_LoA	-9,30026704	-0,024	0,316
CHR4	3E+07	CHR4:30315800	SSF x Far_LoA	-10,3361399	0,007	0,308
CHR4	3E+07	CHR4:30315853	SSF x Far_LoA	-11,1095951	-0,079	0,293
CHR4	3E+07	CHR4:30315854	SSF x Far_LoA	-10,7345191	0,062	0,312
CHR4	3E+07	CHR4:30315864	SSF x Far_LoA	-10,8504607	-0,081	0,298
CHR4	3E+07	CHR4:30315875	SSF x Far_LoA	-9,50425825	-0,068	0,313
CHR4	3E+07	CHR4:30315907	SSF x Far_LoA	-9,85985787	0,140	0,311
CHR4	3E+07	CHR4:30315980	SSF x Far_LoA	-6,16656109	-0,212	0,289
CHR4	3E+07	CHR4:30318898	SSF x Far_LoA	-9,95260248	-0,060	0,295
CHR4	3E+07	CHR4:30318907	SSF x Far_LoA	1,70898397	0,254	0,279
CHR4	3E+07	CHR4:30318934	SSF x Far_LoA	-7,52010161	-0,098	0,301
CHR4	3E+07	CHR4:30318949	SSF x Far_LoA	-3,46495784	0,259	0,265
CHR4	3E+07	CHR4:30330409	SSF x Far_LoA	-10,9349428	-0,065	0,320
CHR4	3E+07	CHR4:30330470	SSF x Far_LoA	-9,86193897	-0,086	0,305
CHR4	3E+07	CHR4:30330491	SSF x Far_LoA	-9,84335066	-0,109	0,307
CHR4	3E+07	CHR4:30330504	SSF x Far_LoA	-9,64741928	-0,073	0,318
CHR4	3E+07	CHR4:30335041	SSF x Far_LoA	-8,82052329	-0,019	0,329
CHR4	3E+07	CHR4:30341195	SSF x Far_LoA	-9,91755775	0,156	0,288
CHR4	3E+07	CHR4:30341221	SSF x Far_LoA	-10,997798	-0,038	0,312
CHR4	3E+07	CHR4:30341273	SSF x Far_LoA	-11,1508407	-0,043	0,311
CHR4	3E+07	CHR4:30341306	SSF x Far_LoA	-7,75310976	0,072	0,301
CHR4	3E+07	CHR4:30341332	SSF x Far_LoA	-11,3134016	-0,075	0,306
CHR4	3E+07	CHR4:30351016	SSF x Far_LoA	-9,90354271	-0,075	0,313
CHR4	3E+07	CHR4:30351019	SSF x Far_LoA	-3,03007803	0,097	0,297
CHR4	3E+07	CHR4:30354912	SSF x Far_LoA	-8,80258149	-0,025	0,306
CHR4	3E+07	CHR4:30354996	SSF x Far_LoA	-9,19799101	0,083	0,307
CHR4	3E+07	CHR4:30355098	SSF x Far_LoA	-10,6565972	0,074	0,296

CHR4	3E+07	CHR4:30355099	SSF x Far_LoA	-9,32069885	0,021	0,305
CHR4	3E+07	CHR4:30355116	SSF x Far_LoA	-8,22946806	0,061	0,310
CHR4	3E+07	CHR4:30355126	SSF x Far_LoA	-9,63708898	-0,013	0,295
CHR4	3E+07	CHR4:30355172	SSF x Far_LoA	-9,80238385	0,056	0,305
CHR4	3E+07	CHR4:30355234	SSF x Far_LoA	-10,0563491	0,088	0,306
CHR4	3036022	CHR4:3036022	SSF x Far_LoA	-9,26821786	-0,038	0,319
CHR4	3E+07	CHR4:30360264	SSF x Far_LoA	-8,09733628	-0,126	0,318
CHR4	3036392	CHR4:3036392	SSF x Far_LoA	-8,64151497	-0,112	0,313
CHR4	3E+07	CHR4:30378997	SSF x Far_LoA	-9,48732434	0,047	0,309
CHR4	3E+07	CHR4:30379039	SSF x Far_LoA	-8,52308779	-0,047	0,323
CHR4	3E+07	CHR4:30379062	SSF x Far_LoA	-7,85733218	0,078	0,314
CHR4	3E+07	CHR4:30379717	SSF x Far_LoA	-12,1636488	0,031	0,308
CHR4	3040198	CHR4:3040198	SSF x Far_LoA	-9,99459124	-0,011	0,303
CHR4	3040207	CHR4:3040207	SSF x Far_LoA	-11,3763218	0,105	0,295
CHR4	3040225	CHR4:3040225	SSF x Far_LoA	-9,69387121	-0,016	0,311
CHR4	3E+07	CHR4:30402319	SSF x Far_LoA	-8,0006312	-0,031	0,307
CHR4	3040257	CHR4:3040257	SSF x Far_LoA	-9,89676196	-0,123	0,308
CHR4	3040281	CHR4:3040281	SSF x Far_LoA	-9,90584658	0,043	0,311
CHR4	3041102	CHR4:3041102	SSF x Far_LoA	-10,9001639	-0,014	0,316
CHR4	3E+07	CHR4:30416521	SSF x Far_LoA	-7,10814613	0,116	0,306
CHR4	3E+07	CHR4:30420001	SSF x Far_LoA	-7,22508701	0,096	0,313
CHR4	3E+07	CHR4:30420112	SSF x Far_LoA	-5,08921635	-0,195	0,311
CHR4	3E+07	CHR4:30421500	SSF x Far_LoA	-10,121864	0,034	0,317
CHR4	3E+07	CHR4:30436977	SSF x Far_LoA	-12,153261	0,021	0,280
CHR4	3E+07	CHR4:30437069	SSF x Far_LoA	-8,76695124	-0,053	0,313
CHR4	3E+07	CHR4:30437133	SSF x Far_LoA	-10,2398903	0,030	0,310
CHR4	3E+07	CHR4:30442107	SSF x Far_LoA	-7,87815052	0,079	0,307
CHR4	3E+07	CHR4:30442401	SSF x Far_LoA	-7,64725871	0,039	0,305
CHR4	3E+07	CHR4:30442593	SSF x Far_LoA	-4,48314931	0,059	0,300
CHR4	3E+07	CHR4:30442599	SSF x Far_LoA	-9,18423538	0,025	0,307
CHR4	3E+07	CHR4:30442603	SSF x Far_LoA	-8,17446189	0,014	0,319
CHR4	3E+07	CHR4:30449820	SSF x Far_LoA	-9,1203524	-0,091	0,305
CHR4	3E+07	CHR4:30452869	SSF x Far_LoA	-10,3649252	0,042	0,293
CHR4	3E+07	CHR4:30452923	SSF x Far_LoA	-7,34748669	-0,104	0,298
CHR4	3E+07	CHR4:30452924	SSF x Far_LoA	-8,98488227	0,043	0,290
CHR4	3E+07	CHR4:30453880	SSF x Far_LoA	-7,80227838	0,018	0,296
CHR4	3E+07	CHR4:30453952	SSF x Far_LoA	-8,74776837	0,129	0,300
CHR4	3E+07	CHR4:30464561	SSF x Far_LoA	-7,05943575	0,058	0,313
CHR4	3E+07	CHR4:30465887	SSF x Far_LoA	-11,2545912	-0,097	0,307
CHR4	3E+07	CHR4:30467529	SSF x Far_LoA	-8,99539889	0,135	0,288
CHR4	3E+07	CHR4:30467611	SSF x Far_LoA	-8,72040564	-0,038	0,323
CHR4	3E+07	CHR4:30467643	SSF x Far_LoA	-10,5430845	-0,061	0,299
CHR4	3E+07	CHR4:30467677	SSF x Far_LoA	-8,87232366	0,117	0,286
CHR4	3047375	CHR4:3047375	SSF x Far_LoA	-10,4762842	0,087	0,295
CHR4	3047406	CHR4:3047406	SSF x Far_LoA	-10,8946462	0,100	0,304
CHR4	3E+07	CHR4:30482989	SSF x Far_LoA	-10,1525873	0,073	0,303
CHR4	3E+07	CHR4:30483574	SSF x Far_LoA	-7,99466843	-0,059	0,300
CHR4	3E+07	CHR4:30483587	SSF x Far_LoA	-10,4419743	0,023	0,306
CHR4	3E+07	CHR4:30483605	SSF x Far_LoA	-9,44577451	0,118	0,304
CHR4	3E+07	CHR4:30483640	SSF x Far_LoA	-8,65677635	-0,169	0,313
CHR4	3E+07	CHR4:30485292	SSF x Far_LoA	-11,2592411	0,016	0,303
CHR4	3E+07	CHR4:30485357	SSF x Far_LoA	-10,1455711	0,011	0,299
CHR4	3E+07	CHR4:30485358	SSF x Far_LoA	-1,60122774	-0,129	0,302

CHR4	3E+07	CHR4:30485404	SSF x Far_LoA	-8,20279828	0,044	0,303
CHR4	3E+07	CHR4:30486857	SSF x Far_LoA	-10,4236636	-0,002	0,312
CHR4	3E+07	CHR4:30486903	SSF x Far_LoA	-7,62201446	-0,110	0,297
CHR4	3E+07	CHR4:30493940	SSF x Far_LoA	-7,84484212	-0,007	0,312
CHR4	3E+07	CHR4:30493961	SSF x Far_LoA	-8,29377812	-0,103	0,305
CHR4	3E+07	CHR4:30493989	SSF x Far_LoA	-9,27834927	-0,026	0,301
CHR4	3E+07	CHR4:30494056	SSF x Far_LoA	-8,19616546	0,109	0,300
CHR4	3050848	CHR4:3050848	SSF x Far_LoA	-9,12684208	0,083	0,308
CHR4	3050851	CHR4:3050851	SSF x Far_LoA	-9,08182714	-0,017	0,312
CHR4	3050881	CHR4:3050881	SSF x Far_LoA	-8,39160061	0,139	0,299
CHR4	30513105	CHR4:30513105	SSF x Far_LoA	-8,2288328	0,003	0,318
CHR4	30516434	CHR4:30516434	SSF x Far_LoA	-6,12708878	-0,104	0,299
CHR4	30516452	CHR4:30516452	SSF x Far_LoA	-8,32112794	0,049	0,312
CHR4	30516505	CHR4:30516505	SSF x Far_LoA	-2,43939245	0,022	0,305
CHR4	30516511	CHR4:30516511	SSF x Far_LoA	-10,1080214	-0,072	0,292
CHR4	30516541	CHR4:30516541	SSF x Far_LoA	-10,927109	-0,067	0,302
CHR4	30516564	CHR4:30516564	SSF x Far_LoA	-11,3488261	-0,062	0,300
CHR4	30522218	CHR4:30522218	SSF x Far_LoA	-8,48018993	-0,129	0,304
CHR4	30523217	CHR4:30523217	SSF x Far_LoA	-11,3321879	0,074	0,288
CHR4	30523282	CHR4:30523282	SSF x Far_LoA	-8,44672875	0,072	0,286
CHR4	30525578	CHR4:30525578	SSF x Far_LoA	-8,3205323	0,082	0,295
CHR4	3052978	CHR4:3052978	SSF x Far_LoA	-8,85504394	0,142	0,301
CHR4	3052979	CHR4:3052979	SSF x Far_LoA	-4,71964694	0,131	0,311
CHR4	30530356	CHR4:30530356	SSF x Far_LoA	-10,854006	-0,100	0,303
CHR4	30530369	CHR4:30530369	SSF x Far_LoA	-11,1546238	-0,113	0,311
CHR4	30530375	CHR4:30530375	SSF x Far_LoA	-3,31672672	0,093	0,298
CHR4	30530376	CHR4:30530376	SSF x Far_LoA	-11,4133086	-0,080	0,291
CHR4	30530428	CHR4:30530428	SSF x Far_LoA	-10,9689725	-0,039	0,309
CHR4	30538454	CHR4:30538454	SSF x Far_LoA	-10,4656482	0,112	0,313
CHR4	30538528	CHR4:30538528	SSF x Far_LoA	-9,08667251	-0,011	0,299
CHR4	30556973	CHR4:30556973	SSF x Far_LoA	-8,58521989	0,055	0,311
CHR4	30557165	CHR4:30557165	SSF x Far_LoA	-11,4659945	-0,066	0,290
CHR4	30557166	CHR4:30557166	SSF x Far_LoA	-11,4160365	-0,045	0,291
CHR4	30557209	CHR4:30557209	SSF x Far_LoA	-10,5312548	0,029	0,303
CHR4	30561204	CHR4:30561204	SSF x Far_LoA	-8,49103555	-0,153	0,271
CHR4	30561242	CHR4:30561242	SSF x Far_LoA	-9,6858247	0,053	0,319
CHR4	30577223	CHR4:30577223	SSF x Far_LoA	-9,98547465	0,066	0,300
CHR4	30577243	CHR4:30577243	SSF x Far_LoA	-8,20026401	0,115	0,319
CHR4	30577249	CHR4:30577249	SSF x Far_LoA	-11,0251131	-0,017	0,313
CHR4	30577401	CHR4:30577401	SSF x Far_LoA	-2,34807311	0,064	0,295
CHR4	30577442	CHR4:30577442	SSF x Far_LoA	-5,34027683	-0,061	0,306
CHR4	30577474	CHR4:30577474	SSF x Far_LoA	-9,67573845	0,115	0,292
CHR4	3058306	CHR4:3058306	SSF x Far_LoA	-7,36885592	0,191	0,288
CHR4	3058332	CHR4:3058332	SSF x Far_LoA	-10,9573011	-0,086	0,290
CHR4	30586947	CHR4:30586947	SSF x Far_LoA	-7,62184728	-0,030	0,309
CHR4	30586995	CHR4:30586995	SSF x Far_LoA	-9,98758312	0,020	0,298
CHR4	30589724	CHR4:30589724	SSF x Far_LoA	-8,71880946	0,118	0,297
CHR4	30589746	CHR4:30589746	SSF x Far_LoA	-7,47499457	0,123	0,300
CHR4	30589757	CHR4:30589757	SSF x Far_LoA	-10,0651794	-0,033	0,312
CHR4	30589994	CHR4:30589994	SSF x Far_LoA	-6,60204786	0,028	0,307
CHR4	30598715	CHR4:30598715	SSF x Far_LoA	-7,4218253	0,068	0,305
CHR4	30598750	CHR4:30598750	SSF x Far_LoA	-9,7412128	0,127	0,298
CHR4	30617046	CHR4:30617046	SSF x Far_LoA	-8,366123	0,031	0,298

CHR4	30617105	CHR4:30617105	SSF x Far_LoA	-10,9913273	0,030	0,290
CHR4	30617116	CHR4:30617116	SSF x Far_LoA	-9,42422821	-0,110	0,303
CHR4	30617130	CHR4:30617130	SSF x Far_LoA	-10,3550749	0,031	0,311
CHR4	30617172	CHR4:30617172	SSF x Far_LoA	-10,2121195	0,000	0,297
CHR4	30617226	CHR4:30617226	SSF x Far_LoA	-9,28973672	0,021	0,314
CHR4	30619337	CHR4:30619337	SSF x Far_LoA	-8,78054306	0,050	0,309
CHR4	30619340	CHR4:30619340	SSF x Far_LoA	-10,0353839	-0,051	0,314
CHR4	30619415	CHR4:30619415	SSF x Far_LoA	-6,90679459	-0,072	0,307
CHR4	30619430	CHR4:30619430	SSF x Far_LoA	-8,95722017	-0,050	0,310
CHR4	30619494	CHR4:30619494	SSF x Far_LoA	-8,68883508	-0,074	0,314
CHR4	30619499	CHR4:30619499	SSF x Far_LoA	-10,0532516	-0,028	0,313
CHR4	30619538	CHR4:30619538	SSF x Far_LoA	-5,9398485	-0,143	0,297
CHR4	30622219	CHR4:30622219	SSF x Far_LoA	-12,0398432	0,030	0,306
CHR4	30622328	CHR4:30622328	SSF x Far_LoA	-5,90052894	-0,121	0,294
CHR4	30622441	CHR4:30622441	SSF x Far_LoA	-11,8304474	-0,043	0,306
CHR4	30622450	CHR4:30622450	SSF x Far_LoA	-8,36835103	0,087	0,307
CHR4	30625501	CHR4:30625501	SSF x Far_LoA	-11,8765558	-0,040	0,294
CHR4	30625507	CHR4:30625507	SSF x Far_LoA	-9,65069103	-0,167	0,292
CHR4	30625560	CHR4:30625560	SSF x Far_LoA	-9,68171943	-0,048	0,324
CHR4	30629425	CHR4:30629425	SSF x Far_LoA	-10,4364202	0,008	0,304
CHR4	30629456	CHR4:30629456	SSF x Far_LoA	-7,18413613	0,231	0,292
CHR4	30629688	CHR4:30629688	SSF x Far_LoA	-11,3801027	0,069	0,307
CHR4	30635403	CHR4:30635403	SSF x Far_LoA	-6,37299876	-0,031	0,319
CHR4	30635631	CHR4:30635631	SSF x Far_LoA	-9,82127439	-0,036	0,310
CHR4	30635633	CHR4:30635633	SSF x Far_LoA	-11,230944	-0,045	0,315
CHR4	30635675	CHR4:30635675	SSF x Far_LoA	-8,77153334	-0,104	0,323
CHR4	30637653	CHR4:30637653	SSF x Far_LoA	-10,3841333	-0,053	0,300
CHR4	30650141	CHR4:30650141	SSF x Far_LoA	-11,4081848	0,077	0,309
CHR4	30650158	CHR4:30650158	SSF x Far_LoA	-6,21127472	0,227	0,284
CHR4	30650440	CHR4:30650440	SSF x Far_LoA	-8,21267436	0,116	0,295
CHR4	306726	CHR4:306726	SSF x Far_LoA	-8,44468578	0,185	0,283
CHR4	30676125	CHR4:30676125	SSF x Far_LoA	-11,3576689	-0,108	0,283
CHR4	30676180	CHR4:30676180	SSF x Far_LoA	-10,4811772	-0,122	0,295
CHR4	30680216	CHR4:30680216	SSF x Far_LoA	-6,21710666	0,085	0,301
CHR4	30685431	CHR4:30685431	SSF x Far_LoA	-9,44126293	-0,035	0,317
CHR4	30686870	CHR4:30686870	SSF x Far_LoA	-12,5474206	-0,008	0,306
CHR4	30687095	CHR4:30687095	SSF x Far_LoA	-10,4389435	0,000	0,303
CHR4	30689101	CHR4:30689101	SSF x Far_LoA	-9,07973234	-0,055	0,297
CHR4	30697266	CHR4:30697266	SSF x Far_LoA	-9,1346069	-0,080	0,322
CHR4	30697340	CHR4:30697340	SSF x Far_LoA	-5,4933553	0,051	0,306
CHR4	30697468	CHR4:30697468	SSF x Far_LoA	-11,8664073	0,043	0,314
CHR4	30701743	CHR4:30701743	SSF x Far_LoA	-7,15945128	0,185	0,303
CHR4	30701750	CHR4:30701750	SSF x Far_LoA	-7,69826246	-0,084	0,302
CHR4	30701846	CHR4:30701846	SSF x Far_LoA	-8,85097414	0,031	0,302
CHR4	30703347	CHR4:30703347	SSF x Far_LoA	-7,75736294	-0,160	0,296
CHR4	30703353	CHR4:30703353	SSF x Far_LoA	-9,41151926	-0,039	0,309
CHR4	30703643	CHR4:30703643	SSF x Far_LoA	-6,06807649	-0,032	0,303
CHR4	30707993	CHR4:30707993	SSF x Far_LoA	-8,48670795	0,051	0,309
CHR4	30708050	CHR4:30708050	SSF x Far_LoA	-10,7234519	0,089	0,322
CHR4	30712238	CHR4:30712238	SSF x Far_LoA	-10,1003238	-0,042	0,310
CHR4	30712268	CHR4:30712268	SSF x Far_LoA	-8,26526207	0,092	0,300
CHR4	30712291	CHR4:30712291	SSF x Far_LoA	-8,97078876	-0,001	0,314
CHR4	30712331	CHR4:30712331	SSF x Far_LoA	-11,7916876	-0,003	0,302

CHR4	30712340	CHR4:30712340	SSF x Far_LoA	-8,90461438	0,024	0,324
CHR4	30712380	CHR4:30712380	SSF x Far_LoA	-9,48674621	-0,012	0,287
CHR4	30712397	CHR4:30712397	SSF x Far_LoA	-8,81003841	0,000	0,314
CHR4	30712483	CHR4:30712483	SSF x Far_LoA	-6,98277163	-0,047	0,323
CHR4	30715876	CHR4:30715876	SSF x Far_LoA	-3,17333922	-0,191	0,306
CHR4	30716035	CHR4:30716035	SSF x Far_LoA	-8,20522983	0,014	0,309
CHR4	30720465	CHR4:30720465	SSF x Far_LoA	-8,65034013	0,048	0,305
CHR4	30720500	CHR4:30720500	SSF x Far_LoA	-10,6196193	-0,123	0,296
CHR4	30729463	CHR4:30729463	SSF x Far_LoA	-7,56393564	-0,079	0,312
CHR4	30729479	CHR4:30729479	SSF x Far_LoA	-8,79394969	0,174	0,297
CHR4	30729516	CHR4:30729516	SSF x Far_LoA	-8,99175388	0,112	0,302
CHR4	30729533	CHR4:30729533	SSF x Far_LoA	-6,70887116	0,145	0,313
CHR4	30729570	CHR4:30729570	SSF x Far_LoA	-9,57500967	0,007	0,312
CHR4	30729623	CHR4:30729623	SSF x Far_LoA	-7,1806451	0,105	0,310
CHR4	30729731	CHR4:30729731	SSF x Far_LoA	-11,9786099	0,087	0,298
CHR4	30732738	CHR4:30732738	SSF x Far_LoA	-9,5757539	0,013	0,320
CHR4	30733117	CHR4:30733117	SSF x Far_LoA	-10,129297	-0,005	0,315
CHR4	30740560	CHR4:30740560	SSF x Far_LoA	-10,7533576	0,042	0,302
CHR4	30740626	CHR4:30740626	SSF x Far_LoA	-10,1707309	-0,028	0,318
CHR4	30747619	CHR4:30747619	SSF x Far_LoA	-10,4849049	-0,043	0,297
CHR4	30747630	CHR4:30747630	SSF x Far_LoA	-9,05630209	0,124	0,304
CHR4	30747683	CHR4:30747683	SSF x Far_LoA	-10,4998358	-0,035	0,311
CHR4	30747697	CHR4:30747697	SSF x Far_LoA	-7,39539215	-0,113	0,316
CHR4	30749569	CHR4:30749569	SSF x Far_LoA	-12,4564452	0,053	0,294
CHR4	30749601	CHR4:30749601	SSF x Far_LoA	-9,16331866	-0,080	0,303
CHR4	30749631	CHR4:30749631	SSF x Far_LoA	-10,296179	-0,018	0,309
CHR4	30750675	CHR4:30750675	SSF x Far_LoA	-9,06464211	0,032	0,310
CHR4	30750734	CHR4:30750734	SSF x Far_LoA	-8,0538532	0,095	0,293
CHR4	30758868	CHR4:30758868	SSF x Far_LoA	-9,29538432	0,122	0,302
CHR4	30768511	CHR4:30768511	SSF x Far_LoA	-10,2511757	0,065	0,296
CHR4	30768596	CHR4:30768596	SSF x Far_LoA	-9,43534217	-0,067	0,317
CHR4	30771086	CHR4:30771086	SSF x Far_LoA	-9,30085004	-0,098	0,297
CHR4	30775464	CHR4:30775464	SSF x Far_LoA	-9,80441464	-0,045	0,292
CHR4	30775474	CHR4:30775474	SSF x Far_LoA	-8,24843418	0,066	0,299
CHR4	30775609	CHR4:30775609	SSF x Far_LoA	-10,3025286	-0,015	0,317
CHR4	30776723	CHR4:30776723	SSF x Far_LoA	-8,94763506	0,077	0,299
CHR4	30778611	CHR4:30778611	SSF x Far_LoA	-9,14201146	0,170	0,295
CHR4	30778696	CHR4:30778696	SSF x Far_LoA	-4,09490653	0,170	0,297
CHR4	30779099	CHR4:30779099	SSF x Far_LoA	-10,5074522	0,068	0,307
CHR4	30782204	CHR4:30782204	SSF x Far_LoA	-9,76510038	-0,056	0,288
CHR4	30795530	CHR4:30795530	SSF x Far_LoA	-10,075731	-0,036	0,307
CHR4	30796139	CHR4:30796139	SSF x Far_LoA	-3,18152842	0,035	0,318
CHR4	30797045	CHR4:30797045	SSF x Far_LoA	-10,4781153	0,035	0,311
CHR4	30808507	CHR4:30808507	SSF x Far_LoA	-5,84991383	0,063	0,309
CHR4	30821735	CHR4:30821735	SSF x Far_LoA	-2,93855438	-0,082	0,299
CHR4	30821841	CHR4:30821841	SSF x Far_LoA	-10,1466799	0,023	0,301
CHR4	30821896	CHR4:30821896	SSF x Far_LoA	-8,21009329	0,085	0,313
CHR4	30821899	CHR4:30821899	SSF x Far_LoA	-6,70951703	0,062	0,315
CHR4	30826170	CHR4:30826170	SSF x Far_LoA	-7,45302507	-0,087	0,314
CHR4	30834633	CHR4:30834633	SSF x Far_LoA	-8,45456204	0,036	0,307
CHR4	30834642	CHR4:30834642	SSF x Far_LoA	-9,45537624	0,115	0,288
CHR4	30834696	CHR4:30834696	SSF x Far_LoA	-11,4821175	0,027	0,307
CHR4	30835452	CHR4:30835452	SSF x Far_LoA	-9,3282447	0,016	0,304

CHR4	30840047	CHR4:30840047	SSF x Far_LoA	-9,45096986	0,054	0,311
CHR4	30840572	CHR4:30840572	SSF x Far_LoA	-8,31120353	0,075	0,304
CHR4	30840592	CHR4:30840592	SSF x Far_LoA	-10,8512958	-0,040	0,302
CHR4	30845548	CHR4:30845548	SSF x Far_LoA	-9,70099243	0,005	0,318
CHR4	30865425	CHR4:30865425	SSF x Far_LoA	-10,6250711	-0,015	0,305
CHR4	30871128	CHR4:30871128	SSF x Far_LoA	-9,6433617	0,005	0,299
CHR4	30881332	CHR4:30881332	SSF x Far_LoA	-10,141678	0,022	0,297
CHR4	30881460	CHR4:30881460	SSF x Far_LoA	-8,75553573	0,143	0,303
CHR4	30881555	CHR4:30881555	SSF x Far_LoA	-9,87615136	-0,138	0,305
CHR4	30884794	CHR4:30884794	SSF x Far_LoA	-5,47436287	0,056	0,308
CHR4	30884796	CHR4:30884796	SSF x Far_LoA	-9,34363276	0,057	0,295
CHR4	30884804	CHR4:30884804	SSF x Far_LoA	-10,4994493	-0,056	0,300
CHR4	30885054	CHR4:30885054	SSF x Far_LoA	-10,2964366	0,043	0,318
CHR4	30885057	CHR4:30885057	SSF x Far_LoA	-9,7112589	0,075	0,299
CHR4	30887151	CHR4:30887151	SSF x Far_LoA	-8,08607585	0,067	0,307
CHR4	30887633	CHR4:30887633	SSF x Far_LoA	-8,21108118	-0,154	0,304
CHR4	30887709	CHR4:30887709	SSF x Far_LoA	-10,7807925	0,020	0,306
CHR4	30889191	CHR4:30889191	SSF x Far_LoA	-9,45242464	0,017	0,313
CHR4	30889231	CHR4:30889231	SSF x Far_LoA	-9,23030713	0,139	0,308
CHR4	30889253	CHR4:30889253	SSF x Far_LoA	-9,71123789	-0,023	0,300
CHR4	30890541	CHR4:30890541	SSF x Far_LoA	-9,86066773	0,124	0,312
CHR4	30898289	CHR4:30898289	SSF x Far_LoA	-9,36595628	-0,043	0,308
CHR4	30898465	CHR4:30898465	SSF x Far_LoA	-7,55512688	0,060	0,320
CHR4	30909128	CHR4:30909128	SSF x Far_LoA	-9,4700071	-0,133	0,315
CHR4	30909168	CHR4:30909168	SSF x Far_LoA	-10,2305535	-0,068	0,294
CHR4	30909190	CHR4:30909190	SSF x Far_LoA	-11,934646	0,000	0,299
CHR4	30916514	CHR4:30916514	SSF x Far_LoA	-4,87166852	0,192	0,298
CHR4	30916560	CHR4:30916560	SSF x Far_LoA	-4,8489419	-0,097	0,317
CHR4	30917162	CHR4:30917162	SSF x Far_LoA	-8,42228763	-0,019	0,309
CHR4	30917185	CHR4:30917185	SSF x Far_LoA	-10,1879264	-0,169	0,295
CHR4	30926855	CHR4:30926855	SSF x Far_LoA	-10,5235368	0,023	0,293
CHR4	30926877	CHR4:30926877	SSF x Far_LoA	-8,63243628	0,042	0,303
CHR4	30926953	CHR4:30926953	SSF x Far_LoA	-9,1745419	0,040	0,306
CHR4	30926994	CHR4:30926994	SSF x Far_LoA	-11,2480744	0,030	0,304
CHR4	30927031	CHR4:30927031	SSF x Far_LoA	-11,3703585	-0,003	0,295
CHR4	30932882	CHR4:30932882	SSF x Far_LoA	-10,3053757	0,040	0,304
CHR4	30932920	CHR4:30932920	SSF x Far_LoA	-8,88780511	-0,075	0,296
CHR4	30932922	CHR4:30932922	SSF x Far_LoA	-9,31185145	-0,035	0,305
CHR4	30932935	CHR4:30932935	SSF x Far_LoA	-7,46729738	-0,131	0,307
CHR4	30933017	CHR4:30933017	SSF x Far_LoA	-8,82839784	-0,035	0,295
CHR4	30933507	CHR4:30933507	SSF x Far_LoA	-6,22869905	0,213	0,318
CHR4	30937627	CHR4:30937627	SSF x Far_LoA	-8,95965728	-0,021	0,314
CHR4	30937678	CHR4:30937678	SSF x Far_LoA	-9,45442005	-0,174	0,294
CHR4	30937685	CHR4:30937685	SSF x Far_LoA	-8,20153287	-0,089	0,301
CHR4	30937725	CHR4:30937725	SSF x Far_LoA	-8,39278998	-0,047	0,300
CHR4	30937740	CHR4:30937740	SSF x Far_LoA	-8,58470721	0,067	0,317
CHR4	30937894	CHR4:30937894	SSF x Far_LoA	-10,4616182	-0,085	0,303
CHR4	30937953	CHR4:30937953	SSF x Far_LoA	-8,46000738	-0,088	0,299
CHR4	30937966	CHR4:30937966	SSF x Far_LoA	-9,39933498	-0,039	0,303
CHR4	30937969	CHR4:30937969	SSF x Far_LoA	-8,44659774	-0,050	0,313
CHR4	30946538	CHR4:30946538	SSF x Far_LoA	-11,0945802	-0,018	0,305
CHR4	30946554	CHR4:30946554	SSF x Far_LoA	-10,2249115	-0,062	0,306
CHR4	30946571	CHR4:30946571	SSF x Far_LoA	-8,16202156	0,059	0,301

CHR4	30946583	CHR4:30946583	SSF x Far_LoA	-9,0610363	0,073	0,311
CHR4	30946598	CHR4:30946598	SSF x Far_LoA	-9,31288575	0,023	0,297
CHR4	30956878	CHR4:30956878	SSF x Far_LoA	-11,8953935	0,021	0,291
CHR4	30957691	CHR4:30957691	SSF x Far_LoA	-5,37383525	-0,047	0,314
CHR4	30957777	CHR4:30957777	SSF x Far_LoA	-4,73083367	0,002	0,304
CHR4	30960442	CHR4:30960442	SSF x Far_LoA	-10,2075458	0,122	0,302
CHR4	30960462	CHR4:30960462	SSF x Far_LoA	-10,2227457	0,035	0,305
CHR4	30960636	CHR4:30960636	SSF x Far_LoA	-10,1547086	0,052	0,300
CHR4	30961868	CHR4:30961868	SSF x Far_LoA	-8,56494156	-0,141	0,301
CHR4	30961899	CHR4:30961899	SSF x Far_LoA	-9,28239954	0,011	0,302
CHR4	30961909	CHR4:30961909	SSF x Far_LoA	-11,6730861	-0,009	0,313
CHR4	30961929	CHR4:30961929	SSF x Far_LoA	-6,48527292	0,164	0,281
CHR4	30961931	CHR4:30961931	SSF x Far_LoA	-5,07519193	0,174	0,284
CHR4	30967027	CHR4:30967027	SSF x Far_LoA	-7,27258943	-0,047	0,299
CHR4	30967094	CHR4:30967094	SSF x Far_LoA	-9,76574046	-0,006	0,308
CHR4	30967120	CHR4:30967120	SSF x Far_LoA	-8,01117651	0,131	0,294
CHR4	30967140	CHR4:30967140	SSF x Far_LoA	-9,55419813	-0,052	0,310
CHR4	30967147	CHR4:30967147	SSF x Far_LoA	-8,59998033	-0,166	0,309
CHR4	30967149	CHR4:30967149	SSF x Far_LoA	-9,58374979	-0,141	0,308
CHR4	30967227	CHR4:30967227	SSF x Far_LoA	-10,2535713	0,092	0,302
CHR4	30967248	CHR4:30967248	SSF x Far_LoA	-8,8208544	-0,034	0,321
CHR4	30978341	CHR4:30978341	SSF x Far_LoA	-5,82989295	0,077	0,310
CHR4	30978402	CHR4:30978402	SSF x Far_LoA	-10,837453	0,040	0,304
CHR4	30978956	CHR4:30978956	SSF x Far_LoA	-9,04091819	0,069	0,308
CHR4	30981352	CHR4:30981352	SSF x Far_LoA	-7,13963115	0,179	0,296
CHR4	30981409	CHR4:30981409	SSF x Far_LoA	-6,99589997	-0,137	0,310
CHR4	30984786	CHR4:30984786	SSF x Far_LoA	-11,5047444	-0,002	0,302
CHR4	30984794	CHR4:30984794	SSF x Far_LoA	-11,2893593	-0,020	0,315
CHR4	30984869	CHR4:30984869	SSF x Far_LoA	-6,34037613	0,075	0,312
CHR4	30984904	CHR4:30984904	SSF x Far_LoA	-10,0636611	-0,054	0,318
CHR4	30984950	CHR4:30984950	SSF x Far_LoA	-10,6191521	-0,015	0,311
CHR4	30990910	CHR4:30990910	SSF x Far_LoA	-6,72741057	-0,171	0,301
CHR4	30990919	CHR4:30990919	SSF x Far_LoA	-9,27022859	0,082	0,286
CHR4	30991066	CHR4:30991066	SSF x Far_LoA	-8,14958569	-0,141	0,288
CHR4	30999206	CHR4:30999206	SSF x Far_LoA	-8,16469815	-0,092	0,301
CHR4	30999216	CHR4:30999216	SSF x Far_LoA	-7,76151399	0,039	0,306
CHR4	30999240	CHR4:30999240	SSF x Far_LoA	-12,1065142	-0,055	0,295
CHR4	30999347	CHR4:30999347	SSF x Far_LoA	-9,91339247	0,059	0,289
CHR4	31007517	CHR4:31007517	SSF x Far_LoA	-4,87722202	0,052	0,311
CHR4	31007596	CHR4:31007596	SSF x Far_LoA	-9,13111341	0,058	0,305
CHR4	31007629	CHR4:31007629	SSF x Far_LoA	-10,7071564	0,077	0,291
CHR4	31007667	CHR4:31007667	SSF x Far_LoA	-10,0334969	0,004	0,321
CHR4	31007714	CHR4:31007714	SSF x Far_LoA	-11,0699976	0,043	0,300
CHR4	31007749	CHR4:31007749	SSF x Far_LoA	-10,0688558	0,041	0,303
CHR4	31023585	CHR4:31023585	SSF x Far_LoA	-8,00313732	0,157	0,292
CHR4	31023589	CHR4:31023589	SSF x Far_LoA	-10,1113736	-0,141	0,296
CHR4	31024078	CHR4:31024078	SSF x Far_LoA	-3,12955281	-0,083	0,315
CHR4	31024106	CHR4:31024106	SSF x Far_LoA	-10,8451748	0,037	0,305
CHR4	31024185	CHR4:31024185	SSF x Far_LoA	-8,82692546	0,084	0,305
CHR4	31027222	CHR4:31027222	SSF x Far_LoA	-8,45984711	-0,056	0,303
CHR4	31027225	CHR4:31027225	SSF x Far_LoA	-11,8950858	0,044	0,306
CHR4	31027227	CHR4:31027227	SSF x Far_LoA	-11,6901284	0,066	0,307
CHR4	31029736	CHR4:31029736	SSF x Far_LoA	-10,2087056	-0,018	0,303

CHR4	31029755	CHR4:31029755	SSF x Far_LoA	-8,74634106	-0,032	0,312
CHR4	31029820	CHR4:31029820	SSF x Far_LoA	-9,26885946	0,007	0,310
CHR4	31029825	CHR4:31029825	SSF x Far_LoA	-8,32410077	0,032	0,299
CHR4	31030290	CHR4:31030290	SSF x Far_LoA	-3,13225724	0,052	0,303
CHR4	31032140	CHR4:31032140	SSF x Far_LoA	-1,66794678	0,134	0,308
CHR4	31032212	CHR4:31032212	SSF x Far_LoA	-8,32390044	-0,009	0,309
CHR4	31032233	CHR4:31032233	SSF x Far_LoA	-7,77598247	0,134	0,298
CHR4	31032237	CHR4:31032237	SSF x Far_LoA	-11,3666076	0,046	0,309
CHR4	31032408	CHR4:31032408	SSF x Far_LoA	-7,85873625	0,134	0,292
CHR4	31032449	CHR4:31032449	SSF x Far_LoA	-10,0191006	0,087	0,310
CHR4	31032464	CHR4:31032464	SSF x Far_LoA	-10,4939361	0,056	0,310
CHR4	31033378	CHR4:31033378	SSF x Far_LoA	-10,5466238	0,095	0,302
CHR4	31036248	CHR4:31036248	SSF x Far_LoA	-9,59050415	0,125	0,296
CHR4	31038291	CHR4:31038291	SSF x Far_LoA	-10,9600984	0,055	0,295
CHR4	31048438	CHR4:31048438	SSF x Far_LoA	-10,1320291	-0,006	0,314
CHR4	31048463	CHR4:31048463	SSF x Far_LoA	-10,362797	0,099	0,311
CHR4	31050988	CHR4:31050988	SSF x Far_LoA	-10,8544592	-0,071	0,293
CHR4	31050989	CHR4:31050989	SSF x Far_LoA	-9,53625287	0,072	0,300
CHR4	31051171	CHR4:31051171	SSF x Far_LoA	-9,72227553	-0,118	0,313
CHR4	31055617	CHR4:31055617	SSF x Far_LoA	-6,03451192	-0,167	0,310
CHR4	31062041	CHR4:31062041	SSF x Far_LoA	-10,7851682	0,021	0,301
CHR4	31063873	CHR4:31063873	SSF x Far_LoA	-9,18273462	0,096	0,291
CHR4	31063934	CHR4:31063934	SSF x Far_LoA	-9,70569565	-0,057	0,312
CHR4	31063935	CHR4:31063935	SSF x Far_LoA	-9,05881823	0,000	0,311
CHR4	31063944	CHR4:31063944	SSF x Far_LoA	-8,72476648	-0,067	0,312
CHR4	31065954	CHR4:31065954	SSF x Far_LoA	-9,21981361	-0,086	0,312
CHR4	31066056	CHR4:31066056	SSF x Far_LoA	-9,96776086	0,086	0,294
CHR4	31070384	CHR4:31070384	SSF x Far_LoA	-6,19341973	-0,109	0,315
CHR4	31070459	CHR4:31070459	SSF x Far_LoA	-10,7979168	0,052	0,305
CHR4	31071967	CHR4:31071967	SSF x Far_LoA	-11,5218453	-0,013	0,308
CHR4	31071972	CHR4:31071972	SSF x Far_LoA	-11,018292	-0,002	0,307
CHR4	31071978	CHR4:31071978	SSF x Far_LoA	-9,85223136	0,104	0,307
CHR4	31076681	CHR4:31076681	SSF x Far_LoA	-8,01220451	0,077	0,313
CHR4	31078406	CHR4:31078406	SSF x Far_LoA	-8,82985385	0,153	0,301
CHR4	31078431	CHR4:31078431	SSF x Far_LoA	-11,0625839	0,017	0,316
CHR4	31078465	CHR4:31078465	SSF x Far_LoA	-9,91158032	0,017	0,306
CHR4	31078501	CHR4:31078501	SSF x Far_LoA	-7,35417602	0,101	0,311
CHR4	31084778	CHR4:31084778	SSF x Far_LoA	-7,32296182	0,101	0,317
CHR4	31084853	CHR4:31084853	SSF x Far_LoA	-8,12271996	-0,058	0,310
CHR4	31084854	CHR4:31084854	SSF x Far_LoA	-8,97851872	-0,008	0,299
CHR4	31084868	CHR4:31084868	SSF x Far_LoA	-8,5217112	-0,068	0,309
CHR4	31084879	CHR4:31084879	SSF x Far_LoA	-9,27600397	-0,071	0,325
CHR4	31084881	CHR4:31084881	SSF x Far_LoA	-9,67374074	-0,094	0,309
CHR4	31094714	CHR4:31094714	SSF x Far_LoA	-8,99480728	0,060	0,305
CHR4	31105375	CHR4:31105375	SSF x Far_LoA	-9,19005049	-0,021	0,311
CHR4	31109270	CHR4:31109270	SSF x Far_LoA	-9,50393631	-0,106	0,299
CHR4	31114338	CHR4:31114338	SSF x Far_LoA	-11,2228792	-0,059	0,301
CHR4	31114350	CHR4:31114350	SSF x Far_LoA	-10,309558	0,020	0,316
CHR4	31114576	CHR4:31114576	SSF x Far_LoA	-10,9503207	0,010	0,305
CHR4	31120677	CHR4:31120677	SSF x Far_LoA	-9,03039117	-0,091	0,294
CHR4	31120768	CHR4:31120768	SSF x Far_LoA	-10,2268708	-0,155	0,306
CHR4	31120811	CHR4:31120811	SSF x Far_LoA	-10,5487389	-0,132	0,317
CHR4	31120851	CHR4:31120851	SSF x Far_LoA	-11,0779928	-0,087	0,320

CHR4	31124589	CHR4:31124589	SSF x Far_LoA	-11,2055816	0,012	0,300
CHR4	31124632	CHR4:31124632	SSF x Far_LoA	-10,9559008	0,009	0,302
CHR4	31126402	CHR4:31126402	SSF x Far_LoA	-8,85579149	-0,074	0,336
CHR4	31126418	CHR4:31126418	SSF x Far_LoA	-11,0596644	-0,057	0,314
CHR4	31126461	CHR4:31126461	SSF x Far_LoA	-11,3411849	0,003	0,296
CHR4	31126474	CHR4:31126474	SSF x Far_LoA	-9,33614897	0,000	0,315
CHR4	31126501	CHR4:31126501	SSF x Far_LoA	-10,5783528	-0,026	0,305
CHR4	31126526	CHR4:31126526	SSF x Far_LoA	-11,1426405	-0,016	0,302
CHR4	31126558	CHR4:31126558	SSF x Far_LoA	-10,1285416	0,160	0,297
CHR4	31126580	CHR4:31126580	SSF x Far_LoA	-9,64176523	-0,051	0,321
CHR4	31126652	CHR4:31126652	SSF x Far_LoA	-9,53840615	0,003	0,302
CHR4	31126667	CHR4:31126667	SSF x Far_LoA	-10,5820962	0,002	0,307
CHR4	31131369	CHR4:31131369	SSF x Far_LoA	-9,4168262	-0,002	0,305
CHR4	31131444	CHR4:31131444	SSF x Far_LoA	-11,0159033	0,035	0,298
CHR4	31144101	CHR4:31144101	SSF x Far_LoA	-9,93215902	0,104	0,306
CHR4	31144165	CHR4:31144165	SSF x Far_LoA	-6,2374566	0,157	0,298
CHR4	31152989	CHR4:31152989	SSF x Far_LoA	-6,93199294	0,091	0,303
CHR4	31155077	CHR4:31155077	SSF x Far_LoA	-10,104877	0,037	0,303
CHR4	31155627	CHR4:31155627	SSF x Far_LoA	-10,0682054	0,013	0,315
CHR4	31155630	CHR4:31155630	SSF x Far_LoA	-9,73390767	-0,046	0,321
CHR4	31159000	CHR4:31159000	SSF x Far_LoA	-11,8347894	0,022	0,311
CHR4	31159027	CHR4:31159027	SSF x Far_LoA	-7,05724303	-0,027	0,300
CHR4	31159117	CHR4:31159117	SSF x Far_LoA	-7,96161195	0,082	0,301
CHR4	31159138	CHR4:31159138	SSF x Far_LoA	-10,7683789	0,019	0,311
CHR4	31159175	CHR4:31159175	SSF x Far_LoA	-10,4229398	-0,046	0,320
CHR4	31159176	CHR4:31159176	SSF x Far_LoA	-7,6670722	0,005	0,309
CHR4	31159195	CHR4:31159195	SSF x Far_LoA	-10,7562357	0,080	0,307
CHR4	31159210	CHR4:31159210	SSF x Far_LoA	-8,21991793	0,020	0,323
CHR4	31159226	CHR4:31159226	SSF x Far_LoA	-9,92215216	0,041	0,315
CHR4	31159235	CHR4:31159235	SSF x Far_LoA	-7,03457735	0,041	0,315
CHR4	31159246	CHR4:31159246	SSF x Far_LoA	-9,48135583	-0,005	0,316
CHR4	31159259	CHR4:31159259	SSF x Far_LoA	-9,560123	0,028	0,321
CHR4	31160381	CHR4:31160381	SSF x Far_LoA	-6,83805401	-0,154	0,296
CHR4	31160388	CHR4:31160388	SSF x Far_LoA	-11,330679	-0,060	0,293
CHR4	3116888	CHR4:3116888	SSF x Far_LoA	-9,13463017	0,008	0,304
CHR4	31169736	CHR4:31169736	SSF x Far_LoA	-8,18969865	-0,114	0,304
CHR4	31169797	CHR4:31169797	SSF x Far_LoA	-5,29991205	0,012	0,316
CHR4	31169798	CHR4:31169798	SSF x Far_LoA	-10,0854269	-0,090	0,299
CHR4	31173194	CHR4:31173194	SSF x Far_LoA	-10,6340768	0,108	0,303
CHR4	31173202	CHR4:31173202	SSF x Far_LoA	-10,0365754	0,008	0,312
CHR4	31173204	CHR4:31173204	SSF x Far_LoA	-7,63573199	-0,033	0,318
CHR4	31173297	CHR4:31173297	SSF x Far_LoA	-9,17985729	-0,067	0,301
CHR4	31173367	CHR4:31173367	SSF x Far_LoA	-10,0069731	-0,085	0,292
CHR4	31177036	CHR4:31177036	SSF x Far_LoA	-10,5748889	-0,113	0,309
CHR4	31179283	CHR4:31179283	SSF x Far_LoA	-9,64172149	0,110	0,305
CHR4	31179312	CHR4:31179312	SSF x Far_LoA	-9,22271241	-0,084	0,305
CHR4	31179375	CHR4:31179375	SSF x Far_LoA	-9,32276951	0,085	0,307
CHR4	31179398	CHR4:31179398	SSF x Far_LoA	-11,8901495	0,014	0,311
CHR4	31179544	CHR4:31179544	SSF x Far_LoA	-6,10873998	0,217	0,295
CHR4	31185500	CHR4:31185500	SSF x Far_LoA	-5,33010774	0,176	0,301
CHR4	31185507	CHR4:31185507	SSF x Far_LoA	-8,94844766	-0,060	0,298
CHR4	31185543	CHR4:31185543	SSF x Far_LoA	-7,6215221	-0,101	0,310
CHR4	31185554	CHR4:31185554	SSF x Far_LoA	-7,40793728	-0,082	0,306

CHR4	31185564	CHR4:31185564	SSF x Far_LoA	-8,15455234	0,044	0,310
CHR4	31185600	CHR4:31185600	SSF x Far_LoA	-11,2730779	0,119	0,304
CHR4	31185603	CHR4:31185603	SSF x Far_LoA	-9,9741957	0,022	0,310
CHR4	31185614	CHR4:31185614	SSF x Far_LoA	-7,37270194	0,135	0,307
CHR4	31185617	CHR4:31185617	SSF x Far_LoA	-8,79717188	-0,126	0,316
CHR4	31185625	CHR4:31185625	SSF x Far_LoA	-7,9081208	0,133	0,303
CHR4	31185740	CHR4:31185740	SSF x Far_LoA	-7,06533896	0,072	0,284
CHR4	31185749	CHR4:31185749	SSF x Far_LoA	-10,3597011	0,099	0,307
CHR4	31202479	CHR4:31202479	SSF x Far_LoA	-8,32251396	0,087	0,306
CHR4	31202609	CHR4:31202609	SSF x Far_LoA	-9,23464817	-0,095	0,301
CHR4	31202666	CHR4:31202666	SSF x Far_LoA	-9,0822036	-0,088	0,299
CHR4	31202714	CHR4:31202714	SSF x Far_LoA	-11,350199	-0,078	0,299
CHR4	31218541	CHR4:31218541	SSF x Far_LoA	-9,25796272	-0,007	0,306
CHR4	31218578	CHR4:31218578	SSF x Far_LoA	-9,1562381	0,059	0,311
CHR4	31218581	CHR4:31218581	SSF x Far_LoA	-9,74948081	-0,104	0,306
CHR4	31218583	CHR4:31218583	SSF x Far_LoA	-10,4473942	0,025	0,307
CHR4	31218597	CHR4:31218597	SSF x Far_LoA	-10,439514	-0,092	0,309
CHR4	3121867	CHR4:3121867	SSF x Far_LoA	-10,1867024	-0,124	0,293
CHR4	3121916	CHR4:3121916	SSF x Far_LoA	-9,27692216	0,066	0,299
CHR4	3121943	CHR4:3121943	SSF x Far_LoA	-9,53118188	-0,031	0,315
CHR4	31225504	CHR4:31225504	SSF x Far_LoA	-9,66627646	0,043	0,299
CHR4	31225505	CHR4:31225505	SSF x Far_LoA	-7,19508191	0,031	0,305
CHR4	31225551	CHR4:31225551	SSF x Far_LoA	-8,91787924	0,016	0,300
CHR4	31239892	CHR4:31239892	SSF x Far_LoA	-7,31388365	0,133	0,307
CHR4	31239980	CHR4:31239980	SSF x Far_LoA	-8,25102987	-0,041	0,312
CHR4	31239996	CHR4:31239996	SSF x Far_LoA	-9,5835299	-0,127	0,304
CHR4	31239998	CHR4:31239998	SSF x Far_LoA	-9,13149925	-0,114	0,295
CHR4	31239999	CHR4:31239999	SSF x Far_LoA	-9,23798448	-0,092	0,305
CHR4	31240000	CHR4:31240000	SSF x Far_LoA	-10,0596672	-0,126	0,290
CHR4	31240074	CHR4:31240074	SSF x Far_LoA	-11,1389613	-0,060	0,300
CHR4	3124275	CHR4:3124275	SSF x Far_LoA	-11,7598604	-0,074	0,309
CHR4	3124285	CHR4:3124285	SSF x Far_LoA	-11,8359575	-0,026	0,306
CHR4	3124296	CHR4:3124296	SSF x Far_LoA	-8,73789443	-0,040	0,323
CHR4	3124299	CHR4:3124299	SSF x Far_LoA	-10,4657251	-0,035	0,320
CHR4	31243370	CHR4:31243370	SSF x Far_LoA	-3,29900794	0,003	0,308
CHR4	31245072	CHR4:31245072	SSF x Far_LoA	-11,4495016	-0,004	0,307
CHR4	31245098	CHR4:31245098	SSF x Far_LoA	-5,92636124	0,166	0,295
CHR4	31245123	CHR4:31245123	SSF x Far_LoA	-12,6121135	0,064	0,303
CHR4	31245132	CHR4:31245132	SSF x Far_LoA	-11,9591662	0,079	0,304
CHR4	31246334	CHR4:31246334	SSF x Far_LoA	-9,22626614	-0,014	0,307
CHR4	31246351	CHR4:31246351	SSF x Far_LoA	-11,9741881	0,026	0,305
CHR4	31246432	CHR4:31246432	SSF x Far_LoA	-8,52707019	-0,053	0,306
CHR4	3124801	CHR4:3124801	SSF x Far_LoA	-10,7699181	-0,044	0,321
CHR4	31254298	CHR4:31254298	SSF x Far_LoA	-8,37160981	-0,111	0,306
CHR4	31254324	CHR4:31254324	SSF x Far_LoA	-10,0049602	0,047	0,323
CHR4	31256176	CHR4:31256176	SSF x Far_LoA	-9,55392946	0,029	0,297
CHR4	31256191	CHR4:31256191	SSF x Far_LoA	-11,3501102	-0,009	0,308
CHR4	31256211	CHR4:31256211	SSF x Far_LoA	-7,47805316	-0,025	0,301
CHR4	31256224	CHR4:31256224	SSF x Far_LoA	-8,66077567	-0,051	0,314
CHR4	31261181	CHR4:31261181	SSF x Far_LoA	-11,0598656	-0,035	0,295
CHR4	31261182	CHR4:31261182	SSF x Far_LoA	-9,54993973	0,035	0,293
CHR4	31261185	CHR4:31261185	SSF x Far_LoA	-8,4833262	0,054	0,295
CHR4	31261193	CHR4:31261193	SSF x Far_LoA	-8,90391445	0,160	0,300

CHR4	31261312	CHR4:31261312	SSF x Far_LoA	-9,48177468	0,043	0,311
CHR4	31267144	CHR4:31267144	SSF x Far_LoA	-9,92338783	0,075	0,297
CHR4	31267159	CHR4:31267159	SSF x Far_LoA	-9,10077671	0,057	0,308
CHR4	31267253	CHR4:31267253	SSF x Far_LoA	-9,67846323	-0,003	0,303
CHR4	31275804	CHR4:31275804	SSF x Far_LoA	-11,4416159	0,019	0,301
CHR4	31275851	CHR4:31275851	SSF x Far_LoA	-9,73800204	-0,003	0,316
CHR4	31276773	CHR4:31276773	SSF x Far_LoA	-8,53920325	0,026	0,315
CHR4	31281628	CHR4:31281628	SSF x Far_LoA	-9,28540917	-0,051	0,314
CHR4	31283453	CHR4:31283453	SSF x Far_LoA	-9,6793106	-0,033	0,295
CHR4	31284187	CHR4:31284187	SSF x Far_LoA	-11,7217611	0,040	0,313
CHR4	31316366	CHR4:31316366	SSF x Far_LoA	-10,2926258	0,129	0,307
CHR4	31317786	CHR4:31317786	SSF x Far_LoA	-9,18441554	0,107	0,303
CHR4	31317796	CHR4:31317796	SSF x Far_LoA	-10,0146405	-0,064	0,297
CHR4	31335368	CHR4:31335368	SSF x Far_LoA	-10,5183857	0,079	0,287
CHR4	31335377	CHR4:31335377	SSF x Far_LoA	-7,99819598	0,073	0,286
CHR4	31344335	CHR4:31344335	SSF x Far_LoA	-10,5781271	-0,087	0,302
CHR4	31344446	CHR4:31344446	SSF x Far_LoA	-4,89629767	-0,126	0,306
CHR4	31344518	CHR4:31344518	SSF x Far_LoA	-11,1882514	0,017	0,304
CHR4	31344554	CHR4:31344554	SSF x Far_LoA	-10,2968572	0,045	0,304
CHR4	3134756	CHR4:3134756	SSF x Far_LoA	-8,40983774	-0,136	0,302
CHR4	3135047	CHR4:3135047	SSF x Far_LoA	-10,4512506	-0,058	0,306
CHR4	3135062	CHR4:3135062	SSF x Far_LoA	-8,53644197	0,038	0,321
CHR4	31350809	CHR4:31350809	SSF x Far_LoA	-10,6816203	-0,049	0,295
CHR4	3135104	CHR4:3135104	SSF x Far_LoA	-9,22912676	0,096	0,304
CHR4	31352713	CHR4:31352713	SSF x Far_LoA	-10,6049085	-0,048	0,320
CHR4	31355876	CHR4:31355876	SSF x Far_LoA	-10,664273	0,066	0,309
CHR4	31355947	CHR4:31355947	SSF x Far_LoA	-11,5223933	0,002	0,298
CHR4	3137193	CHR4:3137193	SSF x Far_LoA	-10,0180699	0,071	0,313
CHR4	3137467	CHR4:3137467	SSF x Far_LoA	-8,6482476	0,022	0,308
CHR4	31377751	CHR4:31377751	SSF x Far_LoA	-8,36647449	0,155	0,296
CHR4	31380862	CHR4:31380862	SSF x Far_LoA	-9,7283434	0,009	0,318
CHR4	31380924	CHR4:31380924	SSF x Far_LoA	-10,2522392	0,002	0,319
CHR4	31380939	CHR4:31380939	SSF x Far_LoA	-9,83768648	-0,068	0,285
CHR4	31380946	CHR4:31380946	SSF x Far_LoA	-7,69971951	0,021	0,315
CHR4	31381032	CHR4:31381032	SSF x Far_LoA	-4,98135988	-0,157	0,314
CHR4	31381073	CHR4:31381073	SSF x Far_LoA	-9,14333942	-0,160	0,304
CHR4	31385603	CHR4:31385603	SSF x Far_LoA	-8,06701698	0,064	0,306
CHR4	31385623	CHR4:31385623	SSF x Far_LoA	-8,60020271	-0,087	0,320
CHR4	31385775	CHR4:31385775	SSF x Far_LoA	-10,9388338	-0,036	0,315
CHR4	31385796	CHR4:31385796	SSF x Far_LoA	-10,9159945	-0,006	0,305
CHR4	31385868	CHR4:31385868	SSF x Far_LoA	-10,895049	0,048	0,300
CHR4	31402148	CHR4:31402148	SSF x Far_LoA	-9,84422617	-0,004	0,327
CHR4	31415898	CHR4:31415898	SSF x Far_LoA	-9,76048957	-0,040	0,308
CHR4	31415915	CHR4:31415915	SSF x Far_LoA	-9,71127666	-0,048	0,314
CHR4	31418431	CHR4:31418431	SSF x Far_LoA	-3,97069017	-0,096	0,303
CHR4	31418448	CHR4:31418448	SSF x Far_LoA	-8,38486793	0,042	0,322
CHR4	31418453	CHR4:31418453	SSF x Far_LoA	-10,9215531	0,031	0,307
CHR4	31426726	CHR4:31426726	SSF x Far_LoA	-8,93438165	-0,016	0,313
CHR4	31426745	CHR4:31426745	SSF x Far_LoA	-8,48552204	-0,021	0,306
CHR4	31426752	CHR4:31426752	SSF x Far_LoA	-10,520631	-0,042	0,311
CHR4	31426754	CHR4:31426754	SSF x Far_LoA	-7,62810138	-0,039	0,310
CHR4	31426814	CHR4:31426814	SSF x Far_LoA	-7,1340353	-0,129	0,299
CHR4	3142818	CHR4:3142818	SSF x Far_LoA	-6,94867959	-0,169	0,293

CHR4	3142836	CHR4:3142836	SSF x Far_LoA	-9,08771667	-0,100	0,304
CHR4	3142895	CHR4:3142895	SSF x Far_LoA	-6,42155978	-0,148	0,290
CHR4	31430448	CHR4:31430448	SSF x Far_LoA	-10,3260075	0,086	0,314
CHR4	31430449	CHR4:31430449	SSF x Far_LoA	-8,15781101	-0,025	0,309
CHR4	31432005	CHR4:31432005	SSF x Far_LoA	-10,9730294	-0,093	0,319
CHR4	31432013	CHR4:31432013	SSF x Far_LoA	-7,84010455	-0,176	0,310
CHR4	31436250	CHR4:31436250	SSF x Far_LoA	-2,03176748	0,157	0,311
CHR4	31436270	CHR4:31436270	SSF x Far_LoA	-11,7163625	-0,009	0,306
CHR4	31436340	CHR4:31436340	SSF x Far_LoA	-9,01330228	-0,033	0,312
CHR4	31436372	CHR4:31436372	SSF x Far_LoA	-9,35942	0,040	0,311
CHR4	31444486	CHR4:31444486	SSF x Far_LoA	-11,1126015	0,004	0,298
CHR4	31444606	CHR4:31444606	SSF x Far_LoA	-2,97039806	-0,051	0,314
CHR4	31444620	CHR4:31444620	SSF x Far_LoA	-8,69118963	-0,051	0,308
CHR4	31452330	CHR4:31452330	SSF x Far_LoA	-8,04050515	0,163	0,300
CHR4	31452335	CHR4:31452335	SSF x Far_LoA	-9,06338377	0,174	0,299
CHR4	31452365	CHR4:31452365	SSF x Far_LoA	-9,27304181	-0,033	0,318
CHR4	31452367	CHR4:31452367	SSF x Far_LoA	-6,95687551	-0,021	0,314
CHR4	31452368	CHR4:31452368	SSF x Far_LoA	-7,82916677	-0,015	0,317
CHR4	31452377	CHR4:31452377	SSF x Far_LoA	-1,72917017	-0,104	0,308
CHR4	31452378	CHR4:31452378	SSF x Far_LoA	-7,37536512	-0,138	0,299
CHR4	31452451	CHR4:31452451	SSF x Far_LoA	-7,16173767	-0,037	0,313
CHR4	31452471	CHR4:31452471	SSF x Far_LoA	-11,6644249	-0,047	0,304
CHR4	31452483	CHR4:31452483	SSF x Far_LoA	-10,830769	-0,026	0,310
CHR4	31464000	CHR4:31464000	SSF x Far_LoA	-9,09052093	0,067	0,315
CHR4	31464008	CHR4:31464008	SSF x Far_LoA	-8,09215686	0,079	0,307
CHR4	31464028	CHR4:31464028	SSF x Far_LoA	-10,8990277	0,036	0,304
CHR4	31464031	CHR4:31464031	SSF x Far_LoA	-8,9435513	0,054	0,315
CHR4	31464100	CHR4:31464100	SSF x Far_LoA	-9,7060447	-0,015	0,312
CHR4	31464105	CHR4:31464105	SSF x Far_LoA	-8,84967266	-0,067	0,304
CHR4	31465438	CHR4:31465438	SSF x Far_LoA	-10,6213475	0,019	0,311
CHR4	31466425	CHR4:31466425	SSF x Far_LoA	-11,2027605	-0,045	0,309
CHR4	31492664	CHR4:31492664	SSF x Far_LoA	-9,3742517	0,087	0,302
CHR4	31492667	CHR4:31492667	SSF x Far_LoA	-10,2426968	0,080	0,301
CHR4	31496143	CHR4:31496143	SSF x Far_LoA	-11,2811125	0,029	0,307
CHR4	31496235	CHR4:31496235	SSF x Far_LoA	-7,21306439	0,081	0,306
CHR4	3149710	CHR4:3149710	SSF x Far_LoA	-1,56674371	-0,166	0,297
CHR4	3149725	CHR4:3149725	SSF x Far_LoA	-9,36620077	-0,065	0,310
CHR4	31523782	CHR4:31523782	SSF x Far_LoA	-9,86901786	-0,118	0,320
CHR4	31523795	CHR4:31523795	SSF x Far_LoA	-10,7678133	0,033	0,307
CHR4	31523890	CHR4:31523890	SSF x Far_LoA	-11,6829613	-0,022	0,302
CHR4	31523904	CHR4:31523904	SSF x Far_LoA	-10,9582148	0,064	0,311
CHR4	31523911	CHR4:31523911	SSF x Far_LoA	-8,99477094	0,065	0,301
CHR4	31523970	CHR4:31523970	SSF x Far_LoA	-9,49002441	0,011	0,317
CHR4	31524023	CHR4:31524023	SSF x Far_LoA	-11,0866251	-0,053	0,296
CHR4	31524075	CHR4:31524075	SSF x Far_LoA	-8,95945748	0,067	0,304
CHR4	31538180	CHR4:31538180	SSF x Far_LoA	-8,52891631	0,091	0,301
CHR4	31540872	CHR4:31540872	SSF x Far_LoA	-10,8114591	-0,024	0,303
CHR4	31541011	CHR4:31541011	SSF x Far_LoA	-7,97932939	-0,042	0,310
CHR4	31548053	CHR4:31548053	SSF x Far_LoA	-9,50207766	0,023	0,306
CHR4	31552798	CHR4:31552798	SSF x Far_LoA	-9,29628323	-0,016	0,303
CHR4	31575311	CHR4:31575311	SSF x Far_LoA	-11,0964437	-0,027	0,304
CHR4	31576135	CHR4:31576135	SSF x Far_LoA	-10,0960149	0,003	0,323
CHR4	31576141	CHR4:31576141	SSF x Far_LoA	-11,0268739	-0,014	0,309

CHR4	31576155	CHR4:31576155	SSF x Far_LoA	-10,9198873	-0,042	0,312
CHR4	31576166	CHR4:31576166	SSF x Far_LoA	-5,61785904	-0,085	0,306
CHR4	31576231	CHR4:31576231	SSF x Far_LoA	-9,48297047	0,122	0,305
CHR4	31577600	CHR4:31577600	SSF x Far_LoA	-2,24752195	-0,073	0,301
CHR4	31577679	CHR4:31577679	SSF x Far_LoA	-7,58488148	-0,114	0,314
CHR4	31577707	CHR4:31577707	SSF x Far_LoA	-7,23309653	-0,044	0,313
CHR4	31577734	CHR4:31577734	SSF x Far_LoA	-9,07419761	-0,116	0,299
CHR4	31577779	CHR4:31577779	SSF x Far_LoA	-11,4902158	-0,021	0,314
CHR4	3157972	CHR4:3157972	SSF x Far_LoA	-7,98393823	-0,104	0,320
CHR4	3157975	CHR4:3157975	SSF x Far_LoA	-10,5906458	0,014	0,318
CHR4	3158021	CHR4:3158021	SSF x Far_LoA	-7,8335997	-0,106	0,301
CHR4	31580375	CHR4:31580375	SSF x Far_LoA	-10,1877679	0,043	0,312
CHR4	31580397	CHR4:31580397	SSF x Far_LoA	-10,1479546	0,014	0,310
CHR4	31580416	CHR4:31580416	SSF x Far_LoA	1,47748377	0,094	0,305
CHR4	31580429	CHR4:31580429	SSF x Far_LoA	-6,73547465	0,157	0,306
CHR4	31584766	CHR4:31584766	SSF x Far_LoA	0,94564748	0,171	0,285
CHR4	31585981	CHR4:31585981	SSF x Far_LoA	-8,94166059	0,087	0,307
CHR4	31600040	CHR4:31600040	SSF x Far_LoA	-8,30524204	0,036	0,313
CHR4	31622252	CHR4:31622252	SSF x Far_LoA	-8,67804944	0,073	0,291
CHR4	31633721	CHR4:31633721	SSF x Far_LoA	-10,3661304	-0,051	0,297
CHR4	31633819	CHR4:31633819	SSF x Far_LoA	-10,3277986	0,101	0,297
CHR4	31633913	CHR4:31633913	SSF x Far_LoA	-7,22441779	-0,078	0,299
CHR4	31633930	CHR4:31633930	SSF x Far_LoA	-8,296222	-0,049	0,305
CHR4	31648720	CHR4:31648720	SSF x Far_LoA	-10,053544	0,025	0,298
CHR4	31648735	CHR4:31648735	SSF x Far_LoA	-7,38527686	-0,104	0,317
CHR4	31653491	CHR4:31653491	SSF x Far_LoA	-10,0393987	0,004	0,316
CHR4	31663602	CHR4:31663602	SSF x Far_LoA	-9,90544068	-0,120	0,297
CHR4	31663642	CHR4:31663642	SSF x Far_LoA	-7,91628396	-0,160	0,302
CHR4	31663742	CHR4:31663742	SSF x Far_LoA	-8,67437713	0,046	0,308
CHR4	31663745	CHR4:31663745	SSF x Far_LoA	-9,36203048	-0,087	0,298
CHR4	31665255	CHR4:31665255	SSF x Far_LoA	-8,93343443	0,005	0,316
CHR4	31686010	CHR4:31686010	SSF x Far_LoA	-9,07264297	-0,014	0,312
CHR4	31686079	CHR4:31686079	SSF x Far_LoA	-11,2247162	-0,063	0,305
CHR4	31686351	CHR4:31686351	SSF x Far_LoA	-10,630971	0,078	0,299
CHR4	31686383	CHR4:31686383	SSF x Far_LoA	-7,73187196	0,154	0,305
CHR4	31699845	CHR4:31699845	SSF x Far_LoA	-9,54641705	0,028	0,319
CHR4	31700077	CHR4:31700077	SSF x Far_LoA	-11,5137065	0,003	0,303
CHR4	31717230	CHR4:31717230	SSF x Far_LoA	-9,75094547	0,017	0,325
CHR4	31717233	CHR4:31717233	SSF x Far_LoA	-8,9204625	0,079	0,314
CHR4	31717235	CHR4:31717235	SSF x Far_LoA	-9,170027	-0,052	0,306
CHR4	31717289	CHR4:31717289	SSF x Far_LoA	-9,3588614	-0,032	0,311
CHR4	31717299	CHR4:31717299	SSF x Far_LoA	-9,38291118	0,190	0,298
CHR4	31717300	CHR4:31717300	SSF x Far_LoA	-8,52290776	0,065	0,314
CHR4	31717360	CHR4:31717360	SSF x Far_LoA	-8,35172264	-0,001	0,315
CHR4	31717363	CHR4:31717363	SSF x Far_LoA	-10,6140396	0,014	0,316
CHR4	31717397	CHR4:31717397	SSF x Far_LoA	-10,8280015	-0,083	0,294
CHR4	31717409	CHR4:31717409	SSF x Far_LoA	-10,7743412	0,032	0,309
CHR4	31722181	CHR4:31722181	SSF x Far_LoA	-7,98355951	0,061	0,312
CHR4	31722182	CHR4:31722182	SSF x Far_LoA	-9,05498053	0,085	0,294
CHR4	31722247	CHR4:31722247	SSF x Far_LoA	-7,69779395	-0,117	0,308
CHR4	31726945	CHR4:31726945	SSF x Far_LoA	-2,44631578	0,056	0,309
CHR4	31726948	CHR4:31726948	SSF x Far_LoA	-9,33792962	0,067	0,306
CHR4	31727243	CHR4:31727243	SSF x Far_LoA	-9,38493703	0,024	0,303

CHR4	31745121	CHR4:31745121	SSF x Far_LoA	-9,67169862	-0,022	0,294
CHR4	31745164	CHR4:31745164	SSF x Far_LoA	-10,4511447	-0,058	0,306
CHR4	31745240	CHR4:31745240	SSF x Far_LoA	-9,17765716	0,114	0,302
CHR4	31745357	CHR4:31745357	SSF x Far_LoA	-8,76087037	-0,102	0,326
CHR4	31755657	CHR4:31755657	SSF x Far_LoA	-8,39040143	-0,044	0,314
CHR4	31755665	CHR4:31755665	SSF x Far_LoA	-8,36598048	0,066	0,296
CHR4	31755696	CHR4:31755696	SSF x Far_LoA	-9,37864245	0,098	0,302
CHR4	31755730	CHR4:31755730	SSF x Far_LoA	-8,24833139	0,061	0,303
CHR4	31755767	CHR4:31755767	SSF x Far_LoA	-8,53978224	-0,164	0,300
CHR4	31760320	CHR4:31760320	SSF x Far_LoA	-8,52688509	0,145	0,297
CHR4	31760385	CHR4:31760385	SSF x Far_LoA	-9,84336547	-0,018	0,312
CHR4	31760535	CHR4:31760535	SSF x Far_LoA	-8,61897801	0,039	0,303
CHR4	31768142	CHR4:31768142	SSF x Far_LoA	-8,75237634	0,021	0,319
CHR4	31768186	CHR4:31768186	SSF x Far_LoA	-9,91348951	0,100	0,302
CHR4	31768211	CHR4:31768211	SSF x Far_LoA	-11,4333522	-0,051	0,311
CHR4	31775486	CHR4:31775486	SSF x Far_LoA	-6,97793695	0,131	0,292
CHR4	31775571	CHR4:31775571	SSF x Far_LoA	-12,2255506	0,011	0,308
CHR4	31775597	CHR4:31775597	SSF x Far_LoA	-11,0787747	-0,026	0,312
CHR4	31775611	CHR4:31775611	SSF x Far_LoA	-9,5768977	0,125	0,304
CHR4	31775630	CHR4:31775630	SSF x Far_LoA	-10,0371173	0,021	0,312
CHR4	31779437	CHR4:31779437	SSF x Far_LoA	-3,19360438	0,179	0,303
CHR4	31779479	CHR4:31779479	SSF x Far_LoA	-11,8736793	-0,013	0,302
CHR4	31779531	CHR4:31779531	SSF x Far_LoA	-6,03487803	-0,095	0,310
CHR4	317834	CHR4:317834	SSF x Far_LoA	-8,9456498	0,013	0,309
CHR4	31784035	CHR4:31784035	SSF x Far_LoA	-5,84900179	-0,132	0,308
CHR4	3178415	CHR4:3178415	SSF x Far_LoA	-8,48723397	0,029	0,309
CHR4	3178489	CHR4:3178489	SSF x Far_LoA	-10,3470036	0,033	0,305
CHR4	3179276	CHR4:3179276	SSF x Far_LoA	-7,58050507	0,035	0,314
CHR4	3179306	CHR4:3179306	SSF x Far_LoA	-10,2851627	-0,063	0,306
CHR4	3179326	CHR4:3179326	SSF x Far_LoA	-11,2549249	0,023	0,321
CHR4	3179443	CHR4:3179443	SSF x Far_LoA	-7,61096168	-0,124	0,299
CHR4	3179446	CHR4:3179446	SSF x Far_LoA	-7,61710548	0,138	0,299
CHR4	31796189	CHR4:31796189	SSF x Far_LoA	-8,71235277	0,021	0,312
CHR4	31803590	CHR4:31803590	SSF x Far_LoA	-9,20029654	-0,066	0,304
CHR4	31803728	CHR4:31803728	SSF x Far_LoA	-6,36451602	-0,097	0,310
CHR4	31803761	CHR4:31803761	SSF x Far_LoA	-7,99490704	-0,089	0,313
CHR4	31807102	CHR4:31807102	SSF x Far_LoA	4,52065357	0,091	0,304
CHR4	31816840	CHR4:31816840	SSF x Far_LoA	-9,01604185	-0,078	0,283
CHR4	31816847	CHR4:31816847	SSF x Far_LoA	-11,7096198	-0,063	0,293
CHR4	31828555	CHR4:31828555	SSF x Far_LoA	-10,6639597	-0,014	0,301
CHR4	31833048	CHR4:31833048	SSF x Far_LoA	-6,26620272	-0,081	0,305
CHR4	31837734	CHR4:31837734	SSF x Far_LoA	-7,91308107	0,091	0,304
CHR4	31837794	CHR4:31837794	SSF x Far_LoA	-9,4888086	0,011	0,304
CHR4	31837830	CHR4:31837830	SSF x Far_LoA	-11,1817828	-0,066	0,313
CHR4	31837866	CHR4:31837866	SSF x Far_LoA	-10,1660395	0,046	0,308
CHR4	31837992	CHR4:31837992	SSF x Far_LoA	-7,66270929	0,046	0,303
CHR4	3184101	CHR4:3184101	SSF x Far_LoA	-9,44038299	0,152	0,286
CHR4	31843168	CHR4:31843168	SSF x Far_LoA	-6,7269408	0,066	0,309
CHR4	31843178	CHR4:31843178	SSF x Far_LoA	-11,560858	-0,014	0,303
CHR4	31843217	CHR4:31843217	SSF x Far_LoA	-9,44108274	-0,076	0,320
CHR4	31843275	CHR4:31843275	SSF x Far_LoA	-10,603956	0,034	0,306
CHR4	31843307	CHR4:31843307	SSF x Far_LoA	-7,84599853	0,091	0,305
CHR4	3185100	CHR4:3185100	SSF x Far_LoA	-8,75283194	-0,049	0,325

CHR4	31858164	CHR4:31858164	SSF x Far_LoA	-9,14376465	0,003	0,312
CHR4	31858243	CHR4:31858243	SSF x Far_LoA	-6,59654903	0,092	0,306
CHR4	31858284	CHR4:31858284	SSF x Far_LoA	-9,30131867	-0,026	0,304
CHR4	31860142	CHR4:31860142	SSF x Far_LoA	-8,81034771	0,070	0,314
CHR4	31860291	CHR4:31860291	SSF x Far_LoA	-9,17432322	0,038	0,308
CHR4	3186248	CHR4:3186248	SSF x Far_LoA	-9,09437054	0,126	0,301
CHR4	3186285	CHR4:3186285	SSF x Far_LoA	-10,5415424	-0,042	0,314
CHR4	3186325	CHR4:3186325	SSF x Far_LoA	-8,22149178	0,025	0,310
CHR4	3186326	CHR4:3186326	SSF x Far_LoA	-9,35450073	-0,051	0,320
CHR4	3186375	CHR4:3186375	SSF x Far_LoA	-7,79987257	-0,022	0,314
CHR4	3186403	CHR4:3186403	SSF x Far_LoA	-9,87928738	0,078	0,307
CHR4	3186415	CHR4:3186415	SSF x Far_LoA	-8,78392463	-0,030	0,312
CHR4	31876569	CHR4:31876569	SSF x Far_LoA	-7,65930656	0,097	0,293
CHR4	318796	CHR4:318796	SSF x Far_LoA	-8,29270025	-0,093	0,285
CHR4	31884257	CHR4:31884257	SSF x Far_LoA	-8,28011432	0,020	0,317
CHR4	31884300	CHR4:31884300	SSF x Far_LoA	-9,05949998	-0,067	0,311
CHR4	31888588	CHR4:31888588	SSF x Far_LoA	-10,9776646	0,012	0,308
CHR4	31888598	CHR4:31888598	SSF x Far_LoA	-9,57087723	0,050	0,312
CHR4	3189377	CHR4:3189377	SSF x Far_LoA	-7,56969175	-0,103	0,289
CHR4	3189379	CHR4:3189379	SSF x Far_LoA	-9,36579911	-0,066	0,309
CHR4	3189418	CHR4:3189418	SSF x Far_LoA	-10,134692	-0,112	0,307
CHR4	3189482	CHR4:3189482	SSF x Far_LoA	-8,53067721	0,179	0,299
CHR4	31896019	CHR4:31896019	SSF x Far_LoA	-10,9782458	-0,056	0,295
CHR4	31906201	CHR4:31906201	SSF x Far_LoA	-3,27785499	-0,053	0,330
CHR4	31907298	CHR4:31907298	SSF x Far_LoA	-10,4211745	-0,013	0,292
CHR4	31907475	CHR4:31907475	SSF x Far_LoA	-7,07558405	0,099	0,297
CHR4	31907483	CHR4:31907483	SSF x Far_LoA	-9,50308476	0,180	0,289
CHR4	31907496	CHR4:31907496	SSF x Far_LoA	-8,98123516	-0,078	0,297
CHR4	31912124	CHR4:31912124	SSF x Far_LoA	-9,58175629	-0,004	0,319
CHR4	31918918	CHR4:31918918	SSF x Far_LoA	-10,4713301	-0,051	0,315
CHR4	31918932	CHR4:31918932	SSF x Far_LoA	-8,41975027	0,032	0,321
CHR4	31918949	CHR4:31918949	SSF x Far_LoA	-10,9390209	-0,048	0,317
CHR4	31920310	CHR4:31920310	SSF x Far_LoA	-9,76040004	0,020	0,327
CHR4	31920344	CHR4:31920344	SSF x Far_LoA	-8,12111553	0,147	0,295
CHR4	31920375	CHR4:31920375	SSF x Far_LoA	-10,9135979	0,106	0,290
CHR4	31920469	CHR4:31920469	SSF x Far_LoA	-8,73565975	0,081	0,296
CHR4	31920580	CHR4:31920580	SSF x Far_LoA	-7,93646207	0,010	0,314
CHR4	31934968	CHR4:31934968	SSF x Far_LoA	-10,4647673	0,099	0,305
CHR4	31935019	CHR4:31935019	SSF x Far_LoA	-9,87620534	0,006	0,312
CHR4	31935044	CHR4:31935044	SSF x Far_LoA	-7,60435862	-0,052	0,319
CHR4	31989727	CHR4:31989727	SSF x Far_LoA	-11,7315859	-0,027	0,302
CHR4	31989928	CHR4:31989928	SSF x Far_LoA	-6,88193509	0,132	0,298
CHR4	31989981	CHR4:31989981	SSF x Far_LoA	-11,4325514	0,012	0,299
CHR4	31990010	CHR4:31990010	SSF x Far_LoA	-9,15882626	0,090	0,309
CHR4	31990026	CHR4:31990026	SSF x Far_LoA	-11,5638171	0,044	0,304
CHR4	31995048	CHR4:31995048	SSF x Far_LoA	-3,18772292	0,132	0,299
CHR4	32002124	CHR4:32002124	SSF x Far_LoA	-9,87912321	-0,008	0,311
CHR4	32002261	CHR4:32002261	SSF x Far_LoA	-10,2738691	-0,002	0,312
CHR4	32015107	CHR4:32015107	SSF x Far_LoA	-7,75793668	-0,056	0,298
CHR4	32015110	CHR4:32015110	SSF x Far_LoA	-7,75374587	-0,083	0,299
CHR4	32016589	CHR4:32016589	SSF x Far_LoA	-9,14407666	-0,091	0,299
CHR4	32016628	CHR4:32016628	SSF x Far_LoA	-9,79806129	-0,081	0,319
CHR4	32016656	CHR4:32016656	SSF x Far_LoA	-9,57763791	0,003	0,300

CHR4	32016698	CHR4:32016698	SSF x Far_LoA	-9,93574085	0,069	0,326
CHR4	32016708	CHR4:32016708	SSF x Far_LoA	-8,74244117	-0,094	0,312
CHR4	32016801	CHR4:32016801	SSF x Far_LoA	-7,7622606	-0,125	0,304
CHR4	3201763	CHR4:3201763	SSF x Far_LoA	-8,92938125	0,020	0,308
CHR4	3201814	CHR4:3201814	SSF x Far_LoA	-9,44841682	-0,054	0,297
CHR4	3202143	CHR4:3202143	SSF x Far_LoA	-10,5396853	-0,048	0,309
CHR4	32023236	CHR4:32023236	SSF x Far_LoA	-9,35030909	0,030	0,305
CHR4	32023259	CHR4:32023259	SSF x Far_LoA	-8,77120973	-0,064	0,313
CHR4	32030826	CHR4:32030826	SSF x Far_LoA	-11,1461203	-0,059	0,314
CHR4	32030924	CHR4:32030924	SSF x Far_LoA	-11,9259445	0,040	0,312
CHR4	32033148	CHR4:32033148	SSF x Far_LoA	-10,1051649	0,020	0,321
CHR4	32034001	CHR4:32034001	SSF x Far_LoA	-7,12376597	0,125	0,304
CHR4	32034024	CHR4:32034024	SSF x Far_LoA	-6,49926678	0,148	0,304
CHR4	32034032	CHR4:32034032	SSF x Far_LoA	-5,83694505	0,124	0,317
CHR4	32034038	CHR4:32034038	SSF x Far_LoA	-9,71004158	0,095	0,296
CHR4	32034042	CHR4:32034042	SSF x Far_LoA	-6,18633423	0,095	0,318
CHR4	32034091	CHR4:32034091	SSF x Far_LoA	-11,1854547	0,000	0,304
CHR4	32036935	CHR4:32036935	SSF x Far_LoA	-10,0204794	0,069	0,299
CHR4	32036954	CHR4:32036954	SSF x Far_LoA	-9,13793079	0,137	0,305
CHR4	32037245	CHR4:32037245	SSF x Far_LoA	-9,17763756	0,010	0,304
CHR4	32044753	CHR4:32044753	SSF x Far_LoA	-8,94870208	-0,075	0,298
CHR4	32044769	CHR4:32044769	SSF x Far_LoA	-10,5012047	-0,085	0,308
CHR4	32044777	CHR4:32044777	SSF x Far_LoA	-7,63166663	-0,106	0,302
CHR4	32044805	CHR4:32044805	SSF x Far_LoA	-11,2571874	-0,077	0,311
CHR4	32044806	CHR4:32044806	SSF x Far_LoA	-11,3938747	-0,044	0,305
CHR4	32044813	CHR4:32044813	SSF x Far_LoA	-10,8734528	-0,029	0,311
CHR4	32044864	CHR4:32044864	SSF x Far_LoA	-12,521887	-0,049	0,289
CHR4	32044872	CHR4:32044872	SSF x Far_LoA	-11,2664139	-0,025	0,301
CHR4	32047715	CHR4:32047715	SSF x Far_LoA	-10,1345634	-0,006	0,310
CHR4	32047784	CHR4:32047784	SSF x Far_LoA	-11,8013942	0,000	0,299
CHR4	32050139	CHR4:32050139	SSF x Far_LoA	-10,5090749	0,012	0,306
CHR4	32058010	CHR4:32058010	SSF x Far_LoA	-10,7123886	0,051	0,312
CHR4	32058045	CHR4:32058045	SSF x Far_LoA	-9,69846415	-0,044	0,310
CHR4	32058047	CHR4:32058047	SSF x Far_LoA	-10,5159239	-0,026	0,312
CHR4	32058099	CHR4:32058099	SSF x Far_LoA	-7,05961829	0,041	0,307
CHR4	32058250	CHR4:32058250	SSF x Far_LoA	-8,32652156	0,106	0,311
CHR4	32059817	CHR4:32059817	SSF x Far_LoA	-6,15371928	-0,123	0,306
CHR4	32059824	CHR4:32059824	SSF x Far_LoA	-7,74677582	-0,083	0,313
CHR4	32059860	CHR4:32059860	SSF x Far_LoA	-8,15007792	-0,061	0,308
CHR4	32059911	CHR4:32059911	SSF x Far_LoA	-5,39536691	0,138	0,292
CHR4	32059958	CHR4:32059958	SSF x Far_LoA	-8,54966455	-0,130	0,308
CHR4	32060022	CHR4:32060022	SSF x Far_LoA	-10,0260249	0,013	0,296
CHR4	32067036	CHR4:32067036	SSF x Far_LoA	-11,7106448	0,033	0,309
CHR4	32068823	CHR4:32068823	SSF x Far_LoA	-10,0297484	-0,046	0,297
CHR4	32068839	CHR4:32068839	SSF x Far_LoA	-10,6869123	-0,015	0,319
CHR4	32068857	CHR4:32068857	SSF x Far_LoA	-9,58171653	-0,037	0,313
CHR4	32070877	CHR4:32070877	SSF x Far_LoA	-4,08827011	0,093	0,290
CHR4	32070925	CHR4:32070925	SSF x Far_LoA	-8,17826146	0,037	0,290
CHR4	32070973	CHR4:32070973	SSF x Far_LoA	-9,24369457	0,126	0,313
CHR4	32070984	CHR4:32070984	SSF x Far_LoA	-8,44820473	-0,124	0,306
CHR4	32083221	CHR4:32083221	SSF x Far_LoA	-11,003267	-0,010	0,308
CHR4	32083222	CHR4:32083222	SSF x Far_LoA	-9,20413253	0,007	0,310
CHR4	32083252	CHR4:32083252	SSF x Far_LoA	-9,0183991	0,120	0,298

CHR4	32083270	CHR4:32083270	SSF x Far_LoA	-10,2739103	0,171	0,305
CHR4	32097577	CHR4:32097577	SSF x Far_LoA	-10,5259414	0,042	0,305
CHR4	32098901	CHR4:32098901	SSF x Far_LoA	-9,53086139	0,086	0,304
CHR4	32104933	CHR4:32104933	SSF x Far_LoA	-9,94054994	0,111	0,312
CHR4	32104937	CHR4:32104937	SSF x Far_LoA	-8,5306152	0,008	0,325
CHR4	32104948	CHR4:32104948	SSF x Far_LoA	-9,94889029	0,001	0,308
CHR4	32106581	CHR4:32106581	SSF x Far_LoA	-8,96623362	0,034	0,317
CHR4	32106787	CHR4:32106787	SSF x Far_LoA	-9,89075562	-0,104	0,309
CHR4	32108036	CHR4:32108036	SSF x Far_LoA	-11,064685	-0,021	0,318
CHR4	32108075	CHR4:32108075	SSF x Far_LoA	-11,5425089	0,065	0,306
CHR4	32108166	CHR4:32108166	SSF x Far_LoA	-10,8096892	0,099	0,305
CHR4	32111852	CHR4:32111852	SSF x Far_LoA	-8,96638053	0,083	0,296
CHR4	32111901	CHR4:32111901	SSF x Far_LoA	-8,84586058	-0,108	0,311
CHR4	32122641	CHR4:32122641	SSF x Far_LoA	-8,61636798	-0,001	0,307
CHR4	32126739	CHR4:32126739	SSF x Far_LoA	-8,49744281	0,049	0,318
CHR4	32126744	CHR4:32126744	SSF x Far_LoA	-6,98829095	-0,027	0,304
CHR4	32126780	CHR4:32126780	SSF x Far_LoA	-4,82586196	-0,095	0,320
CHR4	32126784	CHR4:32126784	SSF x Far_LoA	-11,0885193	-0,008	0,302
CHR4	32126791	CHR4:32126791	SSF x Far_LoA	-10,3857572	0,059	0,316
CHR4	32126839	CHR4:32126839	SSF x Far_LoA	-10,8252148	-0,002	0,309
CHR4	32129005	CHR4:32129005	SSF x Far_LoA	-7,83506156	0,042	0,298
CHR4	32129012	CHR4:32129012	SSF x Far_LoA	-9,36610125	-0,042	0,305
CHR4	32129181	CHR4:32129181	SSF x Far_LoA	-9,71339213	0,027	0,302
CHR4	32129198	CHR4:32129198	SSF x Far_LoA	-8,99266793	-0,021	0,312
CHR4	32129211	CHR4:32129211	SSF x Far_LoA	-8,17409398	0,047	0,309
CHR4	32129225	CHR4:32129225	SSF x Far_LoA	-9,37165226	0,000	0,316
CHR4	32135625	CHR4:32135625	SSF x Far_LoA	-8,77801424	0,046	0,314
CHR4	32135627	CHR4:32135627	SSF x Far_LoA	-9,52672474	0,042	0,313
CHR4	32135737	CHR4:32135737	SSF x Far_LoA	-9,09385096	-0,131	0,293
CHR4	32135780	CHR4:32135780	SSF x Far_LoA	-9,48907021	-0,043	0,305
CHR4	32135783	CHR4:32135783	SSF x Far_LoA	-10,1737942	0,065	0,304
CHR4	32142528	CHR4:32142528	SSF x Far_LoA	-7,5928264	-0,069	0,307
CHR4	3214727	CHR4:3214727	SSF x Far_LoA	-11,0087216	-0,019	0,300
CHR4	32153380	CHR4:32153380	SSF x Far_LoA	-8,89623321	0,163	0,301
CHR4	32153519	CHR4:32153519	SSF x Far_LoA	-8,56755959	0,087	0,303
CHR4	32153571	CHR4:32153571	SSF x Far_LoA	-10,9447056	0,036	0,293
CHR4	32153640	CHR4:32153640	SSF x Far_LoA	-8,87212537	-0,105	0,292
CHR4	32153641	CHR4:32153641	SSF x Far_LoA	-9,02227647	0,104	0,297
CHR4	32153685	CHR4:32153685	SSF x Far_LoA	-9,50209094	0,001	0,294
CHR4	32160186	CHR4:32160186	SSF x Far_LoA	-11,5012426	-0,030	0,316
CHR4	32160202	CHR4:32160202	SSF x Far_LoA	-7,10533258	-0,101	0,296
CHR4	32164114	CHR4:32164114	SSF x Far_LoA	-9,23700399	-0,108	0,300
CHR4	32164180	CHR4:32164180	SSF x Far_LoA	-10,6262806	0,016	0,303
CHR4	32164237	CHR4:32164237	SSF x Far_LoA	-7,01234007	0,155	0,305
CHR4	32168282	CHR4:32168282	SSF x Far_LoA	-10,0863421	-0,102	0,304
CHR4	32168530	CHR4:32168530	SSF x Far_LoA	-10,883842	0,075	0,308
CHR4	32179726	CHR4:32179726	SSF x Far_LoA	-8,77236002	0,002	0,301
CHR4	32179786	CHR4:32179786	SSF x Far_LoA	-10,2564871	0,030	0,321
CHR4	32179846	CHR4:32179846	SSF x Far_LoA	-8,51393058	-0,071	0,303
CHR4	32180002	CHR4:32180002	SSF x Far_LoA	-8,42774205	0,022	0,330
CHR4	32198821	CHR4:32198821	SSF x Far_LoA	-8,72137665	-0,177	0,298
CHR4	32198869	CHR4:32198869	SSF x Far_LoA	-12,7362385	-0,031	0,304
CHR4	32202583	CHR4:32202583	SSF x Far_LoA	-7,62082246	0,157	0,301

CHR4	32202643	CHR4:32202643	SSF x Far_LoA	-6,45786985	0,115	0,297
CHR4	32202652	CHR4:32202652	SSF x Far_LoA	-9,38971958	0,151	0,298
CHR4	32209988	CHR4:32209988	SSF x Far_LoA	-10,8283149	-0,062	0,304
CHR4	32210023	CHR4:32210023	SSF x Far_LoA	-7,78141892	-0,050	0,317
CHR4	32210046	CHR4:32210046	SSF x Far_LoA	-11,8392269	0,031	0,302
CHR4	32210172	CHR4:32210172	SSF x Far_LoA	-8,11154776	-0,040	0,312
CHR4	32210188	CHR4:32210188	SSF x Far_LoA	-8,79337723	-0,086	0,320
CHR4	32210207	CHR4:32210207	SSF x Far_LoA	-7,79345845	-0,054	0,314
CHR4	32212669	CHR4:32212669	SSF x Far_LoA	-9,99850589	0,052	0,300
CHR4	3222303	CHR4:3222303	SSF x Far_LoA	-10,205605	0,097	0,302
CHR4	3222468	CHR4:3222468	SSF x Far_LoA	-10,7487063	0,055	0,302
CHR4	3222477	CHR4:3222477	SSF x Far_LoA	-8,38548235	-0,111	0,302
CHR4	3222606	CHR4:3222606	SSF x Far_LoA	-12,2170043	-0,073	0,304
CHR4	32226615	CHR4:32226615	SSF x Far_LoA	-8,61090367	0,066	0,314
CHR4	32226619	CHR4:32226619	SSF x Far_LoA	-10,3194046	0,044	0,295
CHR4	32226627	CHR4:32226627	SSF x Far_LoA	-10,3128688	-0,062	0,306
CHR4	32226702	CHR4:32226702	SSF x Far_LoA	-10,823293	-0,063	0,314
CHR4	32226718	CHR4:32226718	SSF x Far_LoA	-10,0329961	0,124	0,304
CHR4	32226750	CHR4:32226750	SSF x Far_LoA	-10,0127961	0,068	0,323
CHR4	32237981	CHR4:32237981	SSF x Far_LoA	-10,7261681	-0,111	0,305
CHR4	32238041	CHR4:32238041	SSF x Far_LoA	-9,51491259	0,058	0,308
CHR4	32242040	CHR4:32242040	SSF x Far_LoA	-7,82524957	-0,061	0,307
CHR4	32251584	CHR4:32251584	SSF x Far_LoA	-12,1870409	-0,051	0,295
CHR4	32254976	CHR4:32254976	SSF x Far_LoA	-9,33182195	-0,093	0,288
CHR4	32255179	CHR4:32255179	SSF x Far_LoA	-8,92236964	0,080	0,310
CHR4	32262222	CHR4:32262222	SSF x Far_LoA	-9,24174596	0,050	0,306
CHR4	32262309	CHR4:32262309	SSF x Far_LoA	-9,10600109	-0,043	0,314
CHR4	32265238	CHR4:32265238	SSF x Far_LoA	-8,82232101	-0,038	0,313
CHR4	32265334	CHR4:32265334	SSF x Far_LoA	-11,6515847	-0,016	0,304
CHR4	32265391	CHR4:32265391	SSF x Far_LoA	-12,2715469	-0,068	0,301
CHR4	32265395	CHR4:32265395	SSF x Far_LoA	-9,02284259	-0,005	0,314
CHR4	32270964	CHR4:32270964	SSF x Far_LoA	-6,46541573	0,184	0,296
CHR4	3227250	CHR4:3227250	SSF x Far_LoA	-10,8776894	0,003	0,313
CHR4	32272537	CHR4:32272537	SSF x Far_LoA	-11,0143939	0,038	0,305
CHR4	32281248	CHR4:32281248	SSF x Far_LoA	-5,52038215	-0,195	0,285
CHR4	32281373	CHR4:32281373	SSF x Far_LoA	-9,96633175	0,054	0,296
CHR4	32281442	CHR4:32281442	SSF x Far_LoA	-9,43341351	0,107	0,295
CHR4	32286655	CHR4:32286655	SSF x Far_LoA	-10,5686092	-0,056	0,299
CHR4	32287343	CHR4:32287343	SSF x Far_LoA	-8,6756961	0,129	0,300
CHR4	32292041	CHR4:32292041	SSF x Far_LoA	-9,19810024	-0,065	0,312
CHR4	32292044	CHR4:32292044	SSF x Far_LoA	-11,3776803	-0,073	0,296
CHR4	32292189	CHR4:32292189	SSF x Far_LoA	-10,5156428	0,116	0,311
CHR4	32292205	CHR4:32292205	SSF x Far_LoA	-9,26396515	-0,018	0,297
CHR4	32296931	CHR4:32296931	SSF x Far_LoA	-3,10160297	0,088	0,292
CHR4	32297017	CHR4:32297017	SSF x Far_LoA	-10,2707436	-0,041	0,307
CHR4	32298694	CHR4:32298694	SSF x Far_LoA	-9,42424396	-0,019	0,312
CHR4	32298797	CHR4:32298797	SSF x Far_LoA	-9,8109611	0,042	0,302
CHR4	32298821	CHR4:32298821	SSF x Far_LoA	-8,77434912	0,056	0,301
CHR4	32298859	CHR4:32298859	SSF x Far_LoA	-10,0916181	-0,107	0,303
CHR4	32298902	CHR4:32298902	SSF x Far_LoA	-11,952695	0,058	0,309
CHR4	32298906	CHR4:32298906	SSF x Far_LoA	-9,77532006	-0,045	0,295
CHR4	32304603	CHR4:32304603	SSF x Far_LoA	-8,34234167	-0,043	0,309
CHR4	32304749	CHR4:32304749	SSF x Far_LoA	-11,5797433	-0,020	0,302

CHR4	32304758	CHR4:32304758	SSF x Far_LoA	-8,64117129	-0,042	0,311
CHR4	32307889	CHR4:32307889	SSF x Far_LoA	-9,30364401	-0,008	0,313
CHR4	32307958	CHR4:32307958	SSF x Far_LoA	-2,03677085	0,029	0,315
CHR4	32308001	CHR4:32308001	SSF x Far_LoA	-7,75077288	-0,071	0,316
CHR4	32308069	CHR4:32308069	SSF x Far_LoA	-8,39012012	-0,141	0,320
CHR4	32308108	CHR4:32308108	SSF x Far_LoA	-10,5063659	-0,072	0,311
CHR4	32308160	CHR4:32308160	SSF x Far_LoA	-9,85206168	0,011	0,311
CHR4	32314864	CHR4:32314864	SSF x Far_LoA	-7,58551796	0,065	0,308
CHR4	32314953	CHR4:32314953	SSF x Far_LoA	-10,6805412	0,113	0,302
CHR4	32321949	CHR4:32321949	SSF x Far_LoA	-3,35989703	0,200	0,292
CHR4	32321953	CHR4:32321953	SSF x Far_LoA	-9,05399027	0,140	0,299
CHR4	32321987	CHR4:32321987	SSF x Far_LoA	-11,5187024	-0,037	0,295
CHR4	32331205	CHR4:32331205	SSF x Far_LoA	-7,64408027	-0,021	0,301
CHR4	32331216	CHR4:32331216	SSF x Far_LoA	-11,5116846	0,022	0,312
CHR4	32331270	CHR4:32331270	SSF x Far_LoA	-7,7237257	0,125	0,311
CHR4	32331275	CHR4:32331275	SSF x Far_LoA	-10,708442	0,054	0,316
CHR4	32331301	CHR4:32331301	SSF x Far_LoA	-8,00009215	0,137	0,305
CHR4	32331396	CHR4:32331396	SSF x Far_LoA	-11,5396285	0,070	0,294
CHR4	32331403	CHR4:32331403	SSF x Far_LoA	-5,97131286	-0,084	0,288
CHR4	32333783	CHR4:32333783	SSF x Far_LoA	-9,48008164	-0,086	0,300
CHR4	32333992	CHR4:32333992	SSF x Far_LoA	-9,25440828	0,075	0,313
CHR4	32336625	CHR4:32336625	SSF x Far_LoA	-8,50599961	0,019	0,303
CHR4	32336694	CHR4:32336694	SSF x Far_LoA	-9,83932582	-0,042	0,299
CHR4	32338271	CHR4:32338271	SSF x Far_LoA	-7,28209686	-0,099	0,319
CHR4	32338275	CHR4:32338275	SSF x Far_LoA	-10,5112453	-0,006	0,313
CHR4	32338537	CHR4:32338537	SSF x Far_LoA	-12,5104212	0,034	0,296
CHR4	32338572	CHR4:32338572	SSF x Far_LoA	-11,3039257	0,043	0,312
CHR4	32356313	CHR4:32356313	SSF x Far_LoA	-9,48135345	-0,040	0,307
CHR4	32356501	CHR4:32356501	SSF x Far_LoA	-9,67381256	-0,012	0,301
CHR4	32356514	CHR4:32356514	SSF x Far_LoA	-7,57756471	0,160	0,301
CHR4	32356548	CHR4:32356548	SSF x Far_LoA	-11,0472278	-0,055	0,294
CHR4	3235792	CHR4:3235792	SSF x Far_LoA	-9,2666056	-0,051	0,316
CHR4	32364336	CHR4:32364336	SSF x Far_LoA	-10,9036071	0,019	0,313
CHR4	32368259	CHR4:32368259	SSF x Far_LoA	-5,69131564	0,092	0,317
CHR4	32368289	CHR4:32368289	SSF x Far_LoA	-8,52350706	0,069	0,306
CHR4	32368335	CHR4:32368335	SSF x Far_LoA	-10,1657317	-0,057	0,296
CHR4	32368363	CHR4:32368363	SSF x Far_LoA	-7,20890625	0,008	0,308
CHR4	32368447	CHR4:32368447	SSF x Far_LoA	-9,27241719	-0,024	0,301
CHR4	32368450	CHR4:32368450	SSF x Far_LoA	-12,1365684	-0,043	0,306
CHR4	32370051	CHR4:32370051	SSF x Far_LoA	-10,6518956	0,005	0,307
CHR4	32370122	CHR4:32370122	SSF x Far_LoA	-9,04663847	-0,042	0,306
CHR4	32377041	CHR4:32377041	SSF x Far_LoA	-7,5263804	-0,100	0,310
CHR4	32377075	CHR4:32377075	SSF x Far_LoA	-11,1353787	0,031	0,302
CHR4	32377083	CHR4:32377083	SSF x Far_LoA	-8,90942538	0,022	0,303
CHR4	32377239	CHR4:32377239	SSF x Far_LoA	-11,9440333	0,049	0,296
CHR4	32377284	CHR4:32377284	SSF x Far_LoA	-8,3286024	-0,053	0,303
CHR4	32378246	CHR4:32378246	SSF x Far_LoA	-8,94156047	0,150	0,310
CHR4	32386955	CHR4:32386955	SSF x Far_LoA	-10,1350861	0,068	0,288
CHR4	32386997	CHR4:32386997	SSF x Far_LoA	-7,74445747	0,108	0,289
CHR4	32387210	CHR4:32387210	SSF x Far_LoA	-10,9421815	0,015	0,305
CHR4	32392329	CHR4:32392329	SSF x Far_LoA	-10,310033	-0,043	0,313
CHR4	32419562	CHR4:32419562	SSF x Far_LoA	-9,77002292	-0,002	0,318
CHR4	32419626	CHR4:32419626	SSF x Far_LoA	-10,4133846	-0,023	0,308

CHR4	32419639	CHR4:32419639	SSF x Far_LoA	-10,3729184	-0,070	0,317
CHR4	32419672	CHR4:32419672	SSF x Far_LoA	-8,72311076	0,078	0,320
CHR4	3242374	CHR4:3242374	SSF x Far_LoA	-11,1753124	-0,034	0,317
CHR4	3242409	CHR4:3242409	SSF x Far_LoA	-5,92554192	0,024	0,301
CHR4	3242414	CHR4:3242414	SSF x Far_LoA	-11,7050048	-0,027	0,284
CHR4	3242424	CHR4:3242424	SSF x Far_LoA	-8,57806286	0,065	0,310
CHR4	3242434	CHR4:3242434	SSF x Far_LoA	-7,4931109	0,000	0,313
CHR4	32447997	CHR4:32447997	SSF x Far_LoA	-9,26220723	0,036	0,322
CHR4	32448049	CHR4:32448049	SSF x Far_LoA	-9,82456233	-0,052	0,307
CHR4	3244971	CHR4:3244971	SSF x Far_LoA	-9,4574082	0,018	0,308
CHR4	3245085	CHR4:3245085	SSF x Far_LoA	-8,38282654	0,037	0,306
CHR4	3245117	CHR4:3245117	SSF x Far_LoA	-7,80884654	-0,057	0,315
CHR4	3245129	CHR4:3245129	SSF x Far_LoA	-9,2909753	-0,073	0,318
CHR4	3245148	CHR4:3245148	SSF x Far_LoA	-8,61956455	0,009	0,313
CHR4	3245199	CHR4:3245199	SSF x Far_LoA	-8,50982378	-0,089	0,307
CHR4	32454207	CHR4:32454207	SSF x Far_LoA	-12,1258683	-0,067	0,303
CHR4	32461242	CHR4:32461242	SSF x Far_LoA	-8,27016006	-0,095	0,322
CHR4	32461251	CHR4:32461251	SSF x Far_LoA	-8,34553881	0,032	0,296
CHR4	32461318	CHR4:32461318	SSF x Far_LoA	-10,5974551	-0,097	0,307
CHR4	32461427	CHR4:32461427	SSF x Far_LoA	-8,62233199	0,108	0,306
CHR4	32476314	CHR4:32476314	SSF x Far_LoA	-7,85988665	-0,138	0,316
CHR4	32476633	CHR4:32476633	SSF x Far_LoA	-9,23344071	0,097	0,303
CHR4	32483384	CHR4:32483384	SSF x Far_LoA	-9,50305393	0,139	0,300
CHR4	32483404	CHR4:32483404	SSF x Far_LoA	-10,8721605	0,112	0,297
CHR4	32483579	CHR4:32483579	SSF x Far_LoA	-0,93166776	-0,106	0,303
CHR4	32485993	CHR4:32485993	SSF x Far_LoA	-9,5973803	-0,014	0,308
CHR4	32491942	CHR4:32491942	SSF x Far_LoA	-7,82226423	-0,059	0,305
CHR4	32491952	CHR4:32491952	SSF x Far_LoA	-10,2327001	0,081	0,307
CHR4	32496661	CHR4:32496661	SSF x Far_LoA	-11,2727783	-0,124	0,287
CHR4	32497203	CHR4:32497203	SSF x Far_LoA	-10,8453444	-0,096	0,306
CHR4	32497217	CHR4:32497217	SSF x Far_LoA	-9,13860192	-0,130	0,272
CHR4	32497223	CHR4:32497223	SSF x Far_LoA	-7,86585552	-0,103	0,300
CHR4	32497226	CHR4:32497226	SSF x Far_LoA	-5,72367471	-0,138	0,310
CHR4	32510970	CHR4:32510970	SSF x Far_LoA	-9,10136757	0,080	0,311
CHR4	32511062	CHR4:32511062	SSF x Far_LoA	-8,94373762	-0,078	0,305
CHR4	32511997	CHR4:32511997	SSF x Far_LoA	-9,76032836	-0,049	0,300
CHR4	32513196	CHR4:32513196	SSF x Far_LoA	-9,38931029	-0,044	0,314
CHR4	32515088	CHR4:32515088	SSF x Far_LoA	-9,52499934	0,016	0,322
CHR4	32521280	CHR4:32521280	SSF x Far_LoA	-10,6963003	0,030	0,306
CHR4	32527426	CHR4:32527426	SSF x Far_LoA	-9,00943758	0,130	0,291
CHR4	32527648	CHR4:32527648	SSF x Far_LoA	-7,96354283	-0,133	0,298
CHR4	32533058	CHR4:32533058	SSF x Far_LoA	-8,66647324	-0,080	0,300
CHR4	32533156	CHR4:32533156	SSF x Far_LoA	-7,30195269	-0,108	0,302
CHR4	32533166	CHR4:32533166	SSF x Far_LoA	-8,08679862	-0,124	0,307
CHR4	32537797	CHR4:32537797	SSF x Far_LoA	-10,991902	-0,081	0,306
CHR4	32537858	CHR4:32537858	SSF x Far_LoA	-9,57002872	0,081	0,323
CHR4	32537888	CHR4:32537888	SSF x Far_LoA	-11,5935918	-0,077	0,317
CHR4	32538000	CHR4:32538000	SSF x Far_LoA	-11,9543416	-0,066	0,303
CHR4	32542023	CHR4:32542023	SSF x Far_LoA	-10,7453515	0,097	0,300
CHR4	32542088	CHR4:32542088	SSF x Far_LoA	-9,13847971	-0,043	0,307
CHR4	32542853	CHR4:32542853	SSF x Far_LoA	-7,45903917	0,147	0,308
CHR4	32545191	CHR4:32545191	SSF x Far_LoA	-10,0614756	-0,024	0,306
CHR4	32545292	CHR4:32545292	SSF x Far_LoA	-11,5131472	0,013	0,312

CHR4	32560730	CHR4:32560730	SSF x Far_LoA	-8,13078205	0,126	0,297
CHR4	32560755	CHR4:32560755	SSF x Far_LoA	-10,3060377	-0,073	0,306
CHR4	32560764	CHR4:32560764	SSF x Far_LoA	-7,41798611	0,036	0,313
CHR4	32560787	CHR4:32560787	SSF x Far_LoA	-10,2752103	-0,098	0,304
CHR4	32560805	CHR4:32560805	SSF x Far_LoA	-9,30764068	0,018	0,310
CHR4	32560827	CHR4:32560827	SSF x Far_LoA	-10,2748097	0,035	0,307
CHR4	32560874	CHR4:32560874	SSF x Far_LoA	-10,6838826	0,078	0,310
CHR4	32560940	CHR4:32560940	SSF x Far_LoA	-5,62371185	0,132	0,302
CHR4	32560974	CHR4:32560974	SSF x Far_LoA	-9,49158406	-0,030	0,303
CHR4	32560984	CHR4:32560984	SSF x Far_LoA	-11,7050451	0,012	0,317
CHR4	32560987	CHR4:32560987	SSF x Far_LoA	-11,1507862	-0,001	0,305
CHR4	32572575	CHR4:32572575	SSF x Far_LoA	-11,282398	-0,087	0,303
CHR4	32572639	CHR4:32572639	SSF x Far_LoA	-10,1549876	0,090	0,313
CHR4	32572783	CHR4:32572783	SSF x Far_LoA	-8,27646066	0,060	0,307
CHR4	32575761	CHR4:32575761	SSF x Far_LoA	-10,1025448	0,008	0,318
CHR4	32575904	CHR4:32575904	SSF x Far_LoA	-11,0025516	-0,023	0,305
CHR4	32575948	CHR4:32575948	SSF x Far_LoA	-10,5197242	-0,090	0,300
CHR4	32583194	CHR4:32583194	SSF x Far_LoA	-9,06493741	0,064	0,293
CHR4	32583210	CHR4:32583210	SSF x Far_LoA	-8,98588795	0,068	0,298
CHR4	32583282	CHR4:32583282	SSF x Far_LoA	-8,8923918	0,043	0,301
CHR4	32589243	CHR4:32589243	SSF x Far_LoA	-8,23458515	0,025	0,323
CHR4	32589987	CHR4:32589987	SSF x Far_LoA	-9,55261782	0,069	0,313
CHR4	3259094	CHR4:3259094	SSF x Far_LoA	-11,309002	0,040	0,293
CHR4	3259097	CHR4:3259097	SSF x Far_LoA	-9,11905797	-0,006	0,294
CHR4	3259203	CHR4:3259203	SSF x Far_LoA	-11,2086294	-0,021	0,317
CHR4	3259218	CHR4:3259218	SSF x Far_LoA	-10,1025117	0,041	0,300
CHR4	32608177	CHR4:32608177	SSF x Far_LoA	-3,84347026	-0,061	0,319
CHR4	32608275	CHR4:32608275	SSF x Far_LoA	-10,939202	0,049	0,309
CHR4	32614577	CHR4:32614577	SSF x Far_LoA	-8,70055072	0,080	0,308
CHR4	32614593	CHR4:32614593	SSF x Far_LoA	-10,1102386	0,015	0,308
CHR4	32614972	CHR4:32614972	SSF x Far_LoA	-11,6958021	-0,010	0,306
CHR4	32617722	CHR4:32617722	SSF x Far_LoA	-9,88586322	0,087	0,313
CHR4	32622533	CHR4:32622533	SSF x Far_LoA	-7,0613922	-0,034	0,325
CHR4	32624553	CHR4:32624553	SSF x Far_LoA	-10,9771781	-0,002	0,317
CHR4	32624585	CHR4:32624585	SSF x Far_LoA	-8,22116997	-0,145	0,301
CHR4	32624597	CHR4:32624597	SSF x Far_LoA	-7,76183855	-0,105	0,313
CHR4	32624602	CHR4:32624602	SSF x Far_LoA	-7,19589078	-0,089	0,316
CHR4	32624647	CHR4:32624647	SSF x Far_LoA	-7,3928159	-0,017	0,321
CHR4	32624656	CHR4:32624656	SSF x Far_LoA	-10,5262829	-0,009	0,314
CHR4	32624753	CHR4:32624753	SSF x Far_LoA	-10,165923	-0,162	0,299
CHR4	32633851	CHR4:32633851	SSF x Far_LoA	-8,93864235	0,094	0,309
CHR4	32633894	CHR4:32633894	SSF x Far_LoA	-8,96302801	-0,101	0,324
CHR4	32633999	CHR4:32633999	SSF x Far_LoA	0,12023817	0,105	0,307
CHR4	32657470	CHR4:32657470	SSF x Far_LoA	-9,48153617	0,085	0,298
CHR4	32666227	CHR4:32666227	SSF x Far_LoA	-6,22593437	-0,202	0,295
CHR4	32666241	CHR4:32666241	SSF x Far_LoA	-8,81236717	-0,119	0,301
CHR4	32668325	CHR4:32668325	SSF x Far_LoA	-8,49967085	0,108	0,301
CHR4	32668374	CHR4:32668374	SSF x Far_LoA	-7,88330317	-0,110	0,312
CHR4	32668543	CHR4:32668543	SSF x Far_LoA	-7,7977705	0,148	0,291
CHR4	32668548	CHR4:32668548	SSF x Far_LoA	-7,77673555	0,144	0,299
CHR4	32687908	CHR4:32687908	SSF x Far_LoA	-6,06925016	0,185	0,299
CHR4	32703404	CHR4:32703404	SSF x Far_LoA	-7,14709616	-0,134	0,295
CHR4	32717340	CHR4:32717340	SSF x Far_LoA	-10,6535591	0,030	0,310

CHR4	32717479	CHR4:32717479	SSF x Far_LoA	-8,60301614	-0,056	0,305
CHR4	32717509	CHR4:32717509	SSF x Far_LoA	-9,4902553	-0,042	0,299
CHR4	32720482	CHR4:32720482	SSF x Far_LoA	-12,0220582	-0,011	0,306
CHR4	32720584	CHR4:32720584	SSF x Far_LoA	-6,42067153	-0,068	0,311
CHR4	32720585	CHR4:32720585	SSF x Far_LoA	-6,04323927	0,201	0,287
CHR4	32720600	CHR4:32720600	SSF x Far_LoA	-7,51707257	-0,082	0,313
CHR4	32731998	CHR4:32731998	SSF x Far_LoA	-10,8484483	-0,008	0,284
CHR4	32732027	CHR4:32732027	SSF x Far_LoA	-9,47643081	0,160	0,310
CHR4	32736572	CHR4:32736572	SSF x Far_LoA	-7,83374125	0,031	0,315
CHR4	32736608	CHR4:32736608	SSF x Far_LoA	-10,5299929	0,092	0,301
CHR4	32736705	CHR4:32736705	SSF x Far_LoA	-10,5737921	0,141	0,289
CHR4	32740355	CHR4:32740355	SSF x Far_LoA	-8,72449397	0,129	0,284
CHR4	32740360	CHR4:32740360	SSF x Far_LoA	-7,78319675	-0,084	0,299
CHR4	32740441	CHR4:32740441	SSF x Far_LoA	-9,81704319	0,169	0,293
CHR4	32741140	CHR4:32741140	SSF x Far_LoA	-11,2538273	-0,116	0,294
CHR4	32742166	CHR4:32742166	SSF x Far_LoA	-9,58642472	-0,057	0,299
CHR4	32742215	CHR4:32742215	SSF x Far_LoA	-11,1387881	-0,072	0,322
CHR4	32743522	CHR4:32743522	SSF x Far_LoA	-7,93619589	-0,073	0,312
CHR4	32746538	CHR4:32746538	SSF x Far_LoA	-6,68099641	-0,004	0,304
CHR4	32753263	CHR4:32753263	SSF x Far_LoA	-7,72001267	-0,105	0,306
CHR4	32753440	CHR4:32753440	SSF x Far_LoA	-7,13337617	0,127	0,297
CHR4	32753452	CHR4:32753452	SSF x Far_LoA	-12,1378568	0,045	0,312
CHR4	32753467	CHR4:32753467	SSF x Far_LoA	-10,6013354	-0,003	0,313
CHR4	32755491	CHR4:32755491	SSF x Far_LoA	-7,45757459	-0,134	0,297
CHR4	32755517	CHR4:32755517	SSF x Far_LoA	-9,13450433	-0,021	0,306
CHR4	32755683	CHR4:32755683	SSF x Far_LoA	-11,3984072	0,050	0,297
CHR4	32755705	CHR4:32755705	SSF x Far_LoA	-10,9010263	-0,081	0,296
CHR4	32766922	CHR4:32766922	SSF x Far_LoA	-8,51137073	0,032	0,308
CHR4	32768247	CHR4:32768247	SSF x Far_LoA	-9,1016236	0,015	0,312
CHR4	32768250	CHR4:32768250	SSF x Far_LoA	-7,8673185	-0,086	0,304
CHR4	32773483	CHR4:32773483	SSF x Far_LoA	-4,93195106	-0,046	0,293
CHR4	32773569	CHR4:32773569	SSF x Far_LoA	-10,3230703	0,002	0,306
CHR4	32774562	CHR4:32774562	SSF x Far_LoA	3,87576331	-0,122	0,296
CHR4	32775582	CHR4:32775582	SSF x Far_LoA	-8,12933037	0,057	0,315
CHR4	32775590	CHR4:32775590	SSF x Far_LoA	-9,27923839	0,050	0,302
CHR4	32775641	CHR4:32775641	SSF x Far_LoA	-10,1808929	0,001	0,313
CHR4	32775643	CHR4:32775643	SSF x Far_LoA	-9,86176934	-0,016	0,307
CHR4	32779466	CHR4:32779466	SSF x Far_LoA	-7,34554543	0,112	0,294
CHR4	32779475	CHR4:32779475	SSF x Far_LoA	-7,48999274	0,166	0,297
CHR4	32779483	CHR4:32779483	SSF x Far_LoA	-2,31344311	-0,168	0,303
CHR4	32779485	CHR4:32779485	SSF x Far_LoA	-9,41703072	-0,031	0,295
CHR4	32779555	CHR4:32779555	SSF x Far_LoA	-5,40946593	0,041	0,318
CHR4	32779560	CHR4:32779560	SSF x Far_LoA	-7,34907064	-0,165	0,303
CHR4	32779572	CHR4:32779572	SSF x Far_LoA	0,40445044	0,176	0,307
CHR4	32796466	CHR4:32796466	SSF x Far_LoA	-9,57933811	-0,123	0,304
CHR4	32796503	CHR4:32796503	SSF x Far_LoA	-8,74084516	-0,158	0,297
CHR4	32796547	CHR4:32796547	SSF x Far_LoA	-7,75281243	-0,106	0,309
CHR4	32802870	CHR4:32802870	SSF x Far_LoA	-10,1015117	-0,047	0,305
CHR4	32802877	CHR4:32802877	SSF x Far_LoA	-7,46868069	-0,154	0,290
CHR4	32803140	CHR4:32803140	SSF x Far_LoA	-4,58265717	-0,057	0,295
CHR4	32803217	CHR4:32803217	SSF x Far_LoA	-11,226819	0,052	0,302
CHR4	32807005	CHR4:32807005	SSF x Far_LoA	-9,22993239	-0,056	0,307
CHR4	32807028	CHR4:32807028	SSF x Far_LoA	-8,60263032	0,040	0,311

CHR4	32807069	CHR4:32807069	SSF x Far_LoA	-8,68212636	0,000	0,322
CHR4	32808252	CHR4:32808252	SSF x Far_LoA	-11,2249956	-0,045	0,310
CHR4	32808254	CHR4:32808254	SSF x Far_LoA	-9,62372015	0,016	0,295
CHR4	32808304	CHR4:32808304	SSF x Far_LoA	-4,30299913	0,034	0,311
CHR4	32808348	CHR4:32808348	SSF x Far_LoA	-9,55566481	0,031	0,307
CHR4	32809169	CHR4:32809169	SSF x Far_LoA	-11,0456472	0,077	0,304
CHR4	32809414	CHR4:32809414	SSF x Far_LoA	-9,12661845	0,072	0,299
CHR4	32809426	CHR4:32809426	SSF x Far_LoA	-7,76089532	-0,094	0,289
CHR4	32821118	CHR4:32821118	SSF x Far_LoA	-7,61693218	-0,015	0,315
CHR4	32834575	CHR4:32834575	SSF x Far_LoA	-8,70058249	0,131	0,301
CHR4	32836556	CHR4:32836556	SSF x Far_LoA	-9,76757235	-0,033	0,308
CHR4	32836578	CHR4:32836578	SSF x Far_LoA	-9,21254115	-0,035	0,315
CHR4	32838357	CHR4:32838357	SSF x Far_LoA	-9,61529882	-0,089	0,302
CHR4	32842543	CHR4:32842543	SSF x Far_LoA	-11,1146214	0,039	0,317
CHR4	32849197	CHR4:32849197	SSF x Far_LoA	-9,17069015	0,080	0,294
CHR4	32855461	CHR4:32855461	SSF x Far_LoA	-11,9313933	-0,026	0,307
CHR4	32855575	CHR4:32855575	SSF x Far_LoA	-9,02818176	-0,157	0,299
CHR4	32855603	CHR4:32855603	SSF x Far_LoA	-5,87954003	0,176	0,300
CHR4	32861917	CHR4:32861917	SSF x Far_LoA	-9,8123859	-0,052	0,319
CHR4	32862020	CHR4:32862020	SSF x Far_LoA	-9,95574026	-0,029	0,312
CHR4	32862113	CHR4:32862113	SSF x Far_LoA	-9,17915466	-0,023	0,295
CHR4	32875280	CHR4:32875280	SSF x Far_LoA	-3,75071943	-0,119	0,297
CHR4	32909707	CHR4:32909707	SSF x Far_LoA	-9,19470219	0,089	0,303
CHR4	32911521	CHR4:32911521	SSF x Far_LoA	-10,1578963	0,004	0,313
CHR4	32915420	CHR4:32915420	SSF x Far_LoA	-10,3681223	0,035	0,305
CHR4	32915521	CHR4:32915521	SSF x Far_LoA	-9,59552918	-0,055	0,282
CHR4	32915541	CHR4:32915541	SSF x Far_LoA	-11,5893069	-0,014	0,296
CHR4	32915645	CHR4:32915645	SSF x Far_LoA	-9,74413113	0,043	0,305
CHR4	32926120	CHR4:32926120	SSF x Far_LoA	-11,9021936	-0,049	0,297
CHR4	32935961	CHR4:32935961	SSF x Far_LoA	-6,6674981	0,107	0,305
CHR4	32942196	CHR4:32942196	SSF x Far_LoA	-7,44752939	-0,112	0,300
CHR4	32942220	CHR4:32942220	SSF x Far_LoA	-7,22328793	-0,113	0,309
CHR4	32943881	CHR4:32943881	SSF x Far_LoA	-8,98584373	-0,089	0,318
CHR4	32943908	CHR4:32943908	SSF x Far_LoA	-8,15259439	-0,028	0,292
CHR4	32958555	CHR4:32958555	SSF x Far_LoA	-7,36166228	-0,151	0,291
CHR4	32962788	CHR4:32962788	SSF x Far_LoA	-10,2874368	-0,032	0,300
CHR4	32962816	CHR4:32962816	SSF x Far_LoA	-8,40892713	-0,007	0,303
CHR4	32962900	CHR4:32962900	SSF x Far_LoA	-11,5012965	0,000	0,315
CHR4	32990196	CHR4:32990196	SSF x Far_LoA	-3,94655075	0,096	0,307
CHR4	32990248	CHR4:32990248	SSF x Far_LoA	-10,4762213	-0,023	0,297
CHR4	32990258	CHR4:32990258	SSF x Far_LoA	-8,66699845	0,111	0,310
CHR4	32990268	CHR4:32990268	SSF x Far_LoA	-8,84712551	0,008	0,314
CHR4	32990286	CHR4:32990286	SSF x Far_LoA	-9,5755513	-0,043	0,308
CHR4	32998247	CHR4:32998247	SSF x Far_LoA	-8,35997487	-0,043	0,301
CHR4	32998433	CHR4:32998433	SSF x Far_LoA	-10,7028367	0,013	0,320
CHR4	33006705	CHR4:33006705	SSF x Far_LoA	-9,15425509	-0,049	0,295
CHR4	33010510	CHR4:33010510	SSF x Far_LoA	-8,43576713	-0,024	0,304
CHR4	3302998	CHR4:3302998	SSF x Far_LoA	-6,28921666	0,117	0,319
CHR4	3303106	CHR4:3303106	SSF x Far_LoA	-11,7751079	0,045	0,305
CHR4	3303426	CHR4:3303426	SSF x Far_LoA	-5,84474976	0,196	0,289
CHR4	33053791	CHR4:33053791	SSF x Far_LoA	-9,70527875	-0,017	0,314
CHR4	33072638	CHR4:33072638	SSF x Far_LoA	-10,734434	-0,046	0,306
CHR4	33072640	CHR4:33072640	SSF x Far_LoA	-4,65628206	0,049	0,293

CHR4	33072651	CHR4:33072651	SSF x Far_LoA	-10,7453799	0,056	0,299
CHR4	33072664	CHR4:33072664	SSF x Far_LoA	-9,45333815	0,050	0,296
CHR4	33072691	CHR4:33072691	SSF x Far_LoA	-7,37264788	-0,106	0,304
CHR4	33075950	CHR4:33075950	SSF x Far_LoA	-12,3646759	0,004	0,297
CHR4	33075993	CHR4:33075993	SSF x Far_LoA	-10,6792476	0,074	0,318
CHR4	33076142	CHR4:33076142	SSF x Far_LoA	-9,7469097	0,002	0,310
CHR4	33076232	CHR4:33076232	SSF x Far_LoA	-9,66033201	-0,004	0,321
CHR4	33081054	CHR4:33081054	SSF x Far_LoA	-9,99632283	0,005	0,309
CHR4	33081180	CHR4:33081180	SSF x Far_LoA	-8,8339832	0,042	0,294
CHR4	33081232	CHR4:33081232	SSF x Far_LoA	-8,81047792	-0,129	0,317
CHR4	33081235	CHR4:33081235	SSF x Far_LoA	-9,05468719	-0,175	0,313
CHR4	33081267	CHR4:33081267	SSF x Far_LoA	-8,91280663	0,099	0,309
CHR4	33081277	CHR4:33081277	SSF x Far_LoA	-9,22251402	0,057	0,299
CHR4	33087591	CHR4:33087591	SSF x Far_LoA	-9,31102154	-0,054	0,305
CHR4	33087596	CHR4:33087596	SSF x Far_LoA	-7,81748606	0,151	0,305
CHR4	33103378	CHR4:33103378	SSF x Far_LoA	-10,0276476	-0,009	0,308
CHR4	33122434	CHR4:33122434	SSF x Far_LoA	-8,29916286	-0,097	0,300
CHR4	33122446	CHR4:33122446	SSF x Far_LoA	-11,0919726	0,085	0,298
CHR4	33126236	CHR4:33126236	SSF x Far_LoA	-9,88436004	-0,006	0,305
CHR4	33126285	CHR4:33126285	SSF x Far_LoA	-10,5266676	0,182	0,282
CHR4	33143004	CHR4:33143004	SSF x Far_LoA	-9,23315647	0,054	0,303
CHR4	33143183	CHR4:33143183	SSF x Far_LoA	-7,54217473	-0,147	0,314
CHR4	33148300	CHR4:33148300	SSF x Far_LoA	-8,57571692	0,029	0,298
CHR4	33163172	CHR4:33163172	SSF x Far_LoA	-11,3347125	-0,037	0,287
CHR4	3316378	CHR4:3316378	SSF x Far_LoA	-8,83947956	-0,024	0,303
CHR4	33174038	CHR4:33174038	SSF x Far_LoA	-12,0254209	0,074	0,293
CHR4	33174060	CHR4:33174060	SSF x Far_LoA	-10,1047237	0,046	0,307
CHR4	33174087	CHR4:33174087	SSF x Far_LoA	-10,7167597	-0,023	0,311
CHR4	33174093	CHR4:33174093	SSF x Far_LoA	-10,345477	-0,006	0,314
CHR4	33174102	CHR4:33174102	SSF x Far_LoA	-10,9654532	-0,034	0,308
CHR4	33174169	CHR4:33174169	SSF x Far_LoA	-8,82298936	0,046	0,293
CHR4	33174189	CHR4:33174189	SSF x Far_LoA	-7,22141142	-0,030	0,298
CHR4	33174198	CHR4:33174198	SSF x Far_LoA	-9,28013163	0,108	0,287
CHR4	33174204	CHR4:33174204	SSF x Far_LoA	-11,0073193	-0,005	0,312
CHR4	33174225	CHR4:33174225	SSF x Far_LoA	-10,0301535	0,015	0,316
CHR4	33183111	CHR4:33183111	SSF x Far_LoA	-8,30487432	-0,053	0,308
CHR4	33184138	CHR4:33184138	SSF x Far_LoA	-7,3448714	0,009	0,326
CHR4	33184143	CHR4:33184143	SSF x Far_LoA	-7,92235249	-0,092	0,302
CHR4	33184144	CHR4:33184144	SSF x Far_LoA	-5,78440225	0,187	0,302
CHR4	33184151	CHR4:33184151	SSF x Far_LoA	-7,74727063	0,014	0,310
CHR4	33184183	CHR4:33184183	SSF x Far_LoA	-11,1914194	0,033	0,304
CHR4	33184195	CHR4:33184195	SSF x Far_LoA	-11,2647841	0,031	0,315
CHR4	33184231	CHR4:33184231	SSF x Far_LoA	-9,97334113	-0,039	0,307
CHR4	3318670	CHR4:3318670	SSF x Far_LoA	-5,0802419	0,118	0,305
CHR4	3318714	CHR4:3318714	SSF x Far_LoA	-6,90514034	0,143	0,300
CHR4	3318738	CHR4:3318738	SSF x Far_LoA	-7,1320224	0,030	0,313
CHR4	3318869	CHR4:3318869	SSF x Far_LoA	-5,47816983	0,036	0,319
CHR4	3318897	CHR4:3318897	SSF x Far_LoA	-8,4853859	-0,023	0,312
CHR4	33195894	CHR4:33195894	SSF x Far_LoA	-8,38233848	0,011	0,311
CHR4	33206273	CHR4:33206273	SSF x Far_LoA	-10,3290425	-0,064	0,314
CHR4	33206422	CHR4:33206422	SSF x Far_LoA	-8,80252835	0,065	0,302
CHR4	33206436	CHR4:33206436	SSF x Far_LoA	-9,90373676	0,065	0,303
CHR4	33206437	CHR4:33206437	SSF x Far_LoA	-9,9400408	0,072	0,306

CHR4	33206489	CHR4:33206489	SSF x Far_LoA	-9,36288834	-0,036	0,316
CHR4	33206530	CHR4:33206530	SSF x Far_LoA	-4,41545642	-0,068	0,308
CHR4	33206541	CHR4:33206541	SSF x Far_LoA	-6,35094661	0,037	0,300
CHR4	33210199	CHR4:33210199	SSF x Far_LoA	-4,65635898	-0,089	0,302
CHR4	33217311	CHR4:33217311	SSF x Far_LoA	-8,71780799	-0,034	0,309
CHR4	33218033	CHR4:33218033	SSF x Far_LoA	-8,51167626	-0,023	0,297
CHR4	33219017	CHR4:33219017	SSF x Far_LoA	-9,93899292	0,053	0,306
CHR4	33219051	CHR4:33219051	SSF x Far_LoA	-8,94881007	0,024	0,317
CHR4	33219077	CHR4:33219077	SSF x Far_LoA	-8,70994082	0,084	0,311
CHR4	33219108	CHR4:33219108	SSF x Far_LoA	-10,6145989	-0,003	0,305
CHR4	33219112	CHR4:33219112	SSF x Far_LoA	-9,72361104	-0,055	0,305
CHR4	33221942	CHR4:33221942	SSF x Far_LoA	-11,2652108	0,010	0,310
CHR4	33222019	CHR4:33222019	SSF x Far_LoA	-9,51057308	0,074	0,306
CHR4	33222020	CHR4:33222020	SSF x Far_LoA	-12,4149785	0,015	0,303
CHR4	33222122	CHR4:33222122	SSF x Far_LoA	-10,8708399	-0,018	0,305
CHR4	33222147	CHR4:33222147	SSF x Far_LoA	-7,94271359	-0,159	0,293
CHR4	33222185	CHR4:33222185	SSF x Far_LoA	-8,68646062	-0,059	0,314
CHR4	33230813	CHR4:33230813	SSF x Far_LoA	-10,6748227	-0,018	0,301
CHR4	33230909	CHR4:33230909	SSF x Far_LoA	-11,0692727	0,074	0,296
CHR4	33230912	CHR4:33230912	SSF x Far_LoA	-11,1065688	0,079	0,297
CHR4	33234143	CHR4:33234143	SSF x Far_LoA	-10,465167	0,054	0,308
CHR4	33234229	CHR4:33234229	SSF x Far_LoA	-10,3506445	-0,092	0,311
CHR4	33234234	CHR4:33234234	SSF x Far_LoA	-7,5449014	-0,034	0,325
CHR4	33237391	CHR4:33237391	SSF x Far_LoA	-10,5167011	0,062	0,307
CHR4	33243308	CHR4:33243308	SSF x Far_LoA	-5,36389472	0,193	0,291
CHR4	33243510	CHR4:33243510	SSF x Far_LoA	-8,87484877	-0,050	0,303
CHR4	33243667	CHR4:33243667	SSF x Far_LoA	-11,2280714	0,057	0,310
CHR4	33243727	CHR4:33243727	SSF x Far_LoA	-7,30494104	0,171	0,301
CHR4	33243734	CHR4:33243734	SSF x Far_LoA	-5,58682766	-0,163	0,312
CHR4	33243739	CHR4:33243739	SSF x Far_LoA	-9,32011799	-0,050	0,308
CHR4	33243776	CHR4:33243776	SSF x Far_LoA	-7,48323639	0,068	0,310
CHR4	33243785	CHR4:33243785	SSF x Far_LoA	-11,4985092	-0,017	0,315
CHR4	33283310	CHR4:33283310	SSF x Far_LoA	-9,23491771	0,062	0,309
CHR4	33283311	CHR4:33283311	SSF x Far_LoA	-11,0934082	0,040	0,304
CHR4	33295350	CHR4:33295350	SSF x Far_LoA	-8,70864355	-0,047	0,316
CHR4	33295359	CHR4:33295359	SSF x Far_LoA	-8,84424658	-0,053	0,314
CHR4	33295426	CHR4:33295426	SSF x Far_LoA	-8,76159464	-0,040	0,312
CHR4	33295428	CHR4:33295428	SSF x Far_LoA	-8,09557834	-0,037	0,313
CHR4	33295440	CHR4:33295440	SSF x Far_LoA	-7,3543631	-0,079	0,305
CHR4	33295571	CHR4:33295571	SSF x Far_LoA	-8,23408484	0,018	0,308
CHR4	33317955	CHR4:33317955	SSF x Far_LoA	-6,94841495	0,084	0,316
CHR4	33318002	CHR4:33318002	SSF x Far_LoA	-8,28608282	-0,071	0,315
CHR4	33318016	CHR4:33318016	SSF x Far_LoA	-6,78899288	0,056	0,312
CHR4	33318032	CHR4:33318032	SSF x Far_LoA	-4,37246053	0,181	0,292
CHR4	33343968	CHR4:33343968	SSF x Far_LoA	-9,98307345	-0,029	0,303
CHR4	33353930	CHR4:33353930	SSF x Far_LoA	-9,44165256	-0,116	0,299
CHR4	33353962	CHR4:33353962	SSF x Far_LoA	-7,72759791	0,015	0,292
CHR4	33353990	CHR4:33353990	SSF x Far_LoA	-9,67559361	0,075	0,293
CHR4	33375751	CHR4:33375751	SSF x Far_LoA	-10,411323	-0,021	0,308
CHR4	33375790	CHR4:33375790	SSF x Far_LoA	-9,64605425	-0,019	0,297
CHR4	33375844	CHR4:33375844	SSF x Far_LoA	-5,99715051	-0,068	0,309
CHR4	33375876	CHR4:33375876	SSF x Far_LoA	-9,65875198	0,079	0,317
CHR4	33375893	CHR4:33375893	SSF x Far_LoA	-6,4666732	-0,069	0,305

CHR4	33375917	CHR4:33375917	SSF x Far_LoA	-9,53059878	-0,084	0,315
CHR4	3337858	CHR4:3337858	SSF x Far_LoA	-7,92783162	0,072	0,306
CHR4	3337888	CHR4:3337888	SSF x Far_LoA	-9,47953106	-0,100	0,301
CHR4	3337918	CHR4:3337918	SSF x Far_LoA	-9,94913764	0,039	0,312
CHR4	3337922	CHR4:3337922	SSF x Far_LoA	-10,1012022	-0,016	0,296
CHR4	33386634	CHR4:33386634	SSF x Far_LoA	-9,44121932	0,009	0,308
CHR4	33390288	CHR4:33390288	SSF x Far_LoA	-7,88596557	0,022	0,321
CHR4	33403930	CHR4:33403930	SSF x Far_LoA	-10,249034	-0,057	0,301
CHR4	33403937	CHR4:33403937	SSF x Far_LoA	-9,04097475	-0,047	0,302
CHR4	33404156	CHR4:33404156	SSF x Far_LoA	-11,3359506	-0,067	0,310
CHR4	33404157	CHR4:33404157	SSF x Far_LoA	-8,69189194	-0,027	0,299
CHR4	33404261	CHR4:33404261	SSF x Far_LoA	-8,54223761	-0,154	0,292
CHR4	33412381	CHR4:33412381	SSF x Far_LoA	-11,438569	-0,022	0,301
CHR4	33412400	CHR4:33412400	SSF x Far_LoA	-11,1783223	-0,055	0,295
CHR4	33412462	CHR4:33412462	SSF x Far_LoA	-12,0797127	0,022	0,312
CHR4	33412496	CHR4:33412496	SSF x Far_LoA	-10,8612222	-0,004	0,296
CHR4	33412603	CHR4:33412603	SSF x Far_LoA	-8,92374528	0,045	0,299
CHR4	33412690	CHR4:33412690	SSF x Far_LoA	-9,72191824	-0,086	0,293
CHR4	33415582	CHR4:33415582	SSF x Far_LoA	-9,15872861	-0,019	0,302
CHR4	3341619	CHR4:3341619	SSF x Far_LoA	-11,0039245	0,002	0,300
CHR4	33448656	CHR4:33448656	SSF x Far_LoA	-12,0619548	0,010	0,304
CHR4	33456721	CHR4:33456721	SSF x Far_LoA	-12,0348178	-0,025	0,305
CHR4	3349786	CHR4:3349786	SSF x Far_LoA	-8,49550688	0,018	0,314
CHR4	3349787	CHR4:3349787	SSF x Far_LoA	-9,3715983	-0,008	0,300
CHR4	3349815	CHR4:3349815	SSF x Far_LoA	-10,2739168	-0,064	0,310
CHR4	3351592	CHR4:3351592	SSF x Far_LoA	-9,74987862	0,003	0,302
CHR4	3352871	CHR4:3352871	SSF x Far_LoA	-11,8683741	0,003	0,307
CHR4	33541332	CHR4:33541332	SSF x Far_LoA	-9,70761938	0,056	0,314
CHR4	3355327	CHR4:3355327	SSF x Far_LoA	-8,99018669	-0,053	0,309
CHR4	3355332	CHR4:3355332	SSF x Far_LoA	-6,06776115	0,016	0,287
CHR4	3355487	CHR4:3355487	SSF x Far_LoA	-12,1270016	-0,036	0,302
CHR4	3355514	CHR4:3355514	SSF x Far_LoA	-11,4347105	0,013	0,306
CHR4	33580762	CHR4:33580762	SSF x Far_LoA	-9,39848979	0,080	0,319
CHR4	33580841	CHR4:33580841	SSF x Far_LoA	-8,85525239	0,000	0,309
CHR4	33580952	CHR4:33580952	SSF x Far_LoA	-9,70817351	0,070	0,310
CHR4	33583222	CHR4:33583222	SSF x Far_LoA	-8,82234541	0,004	0,325
CHR4	33588028	CHR4:33588028	SSF x Far_LoA	-8,02447641	0,105	0,316
CHR4	33588078	CHR4:33588078	SSF x Far_LoA	-9,68444432	0,053	0,313
CHR4	33592584	CHR4:33592584	SSF x Far_LoA	-9,87978315	0,007	0,314
CHR4	33592719	CHR4:33592719	SSF x Far_LoA	-9,15689905	0,100	0,301
CHR4	33607279	CHR4:33607279	SSF x Far_LoA	-9,56637219	-0,158	0,302
CHR4	33611492	CHR4:33611492	SSF x Far_LoA	-8,49778126	0,073	0,311
CHR4	33612365	CHR4:33612365	SSF x Far_LoA	-8,83187568	0,104	0,306
CHR4	33617884	CHR4:33617884	SSF x Far_LoA	-10,1639386	-0,044	0,313
CHR4	33620667	CHR4:33620667	SSF x Far_LoA	-10,9950236	-0,169	0,288
CHR4	33620780	CHR4:33620780	SSF x Far_LoA	-8,40589098	-0,110	0,305
CHR4	33622156	CHR4:33622156	SSF x Far_LoA	-8,14132359	0,018	0,312
CHR4	33622220	CHR4:33622220	SSF x Far_LoA	-10,1186592	0,035	0,291
CHR4	33622242	CHR4:33622242	SSF x Far_LoA	-7,01635482	0,125	0,306
CHR4	33622262	CHR4:33622262	SSF x Far_LoA	-4,98833918	0,133	0,308
CHR4	33622288	CHR4:33622288	SSF x Far_LoA	-9,24703389	0,087	0,306
CHR4	33622298	CHR4:33622298	SSF x Far_LoA	-9,80992949	-0,100	0,305
CHR4	33622312	CHR4:33622312	SSF x Far_LoA	-10,4709363	-0,030	0,303

CHR4	33625464	CHR4:33625464	SSF x Far_LoA	-7,66491608	-0,087	0,299
CHR4	33625509	CHR4:33625509	SSF x Far_LoA	-10,6839815	-0,031	0,316
CHR4	33634552	CHR4:33634552	SSF x Far_LoA	-9,99495329	-0,105	0,316
CHR4	33634735	CHR4:33634735	SSF x Far_LoA	-9,22872446	-0,138	0,308
CHR4	33636478	CHR4:33636478	SSF x Far_LoA	-9,44846205	0,021	0,312
CHR4	33637112	CHR4:33637112	SSF x Far_LoA	-9,74235342	-0,076	0,297
CHR4	33643512	CHR4:33643512	SSF x Far_LoA	-9,67843087	-0,058	0,306
CHR4	33643629	CHR4:33643629	SSF x Far_LoA	-11,3205702	-0,058	0,300
CHR4	33655663	CHR4:33655663	SSF x Far_LoA	-11,4529865	0,021	0,302
CHR4	33655892	CHR4:33655892	SSF x Far_LoA	-6,60193666	-0,008	0,299
CHR4	33673505	CHR4:33673505	SSF x Far_LoA	-5,73360509	-0,087	0,295
CHR4	33673539	CHR4:33673539	SSF x Far_LoA	-9,95968247	0,079	0,312
CHR4	33673641	CHR4:33673641	SSF x Far_LoA	-9,55910067	0,022	0,310
CHR4	33673666	CHR4:33673666	SSF x Far_LoA	-9,18650226	0,036	0,309
CHR4	33673737	CHR4:33673737	SSF x Far_LoA	-7,8322044	-0,011	0,308
CHR4	33675258	CHR4:33675258	SSF x Far_LoA	-11,8165317	-0,066	0,299
CHR4	33675269	CHR4:33675269	SSF x Far_LoA	-8,35573974	-0,074	0,307
CHR4	33675277	CHR4:33675277	SSF x Far_LoA	-11,5579214	-0,023	0,314
CHR4	33675296	CHR4:33675296	SSF x Far_LoA	-8,44763119	-0,130	0,307
CHR4	33675326	CHR4:33675326	SSF x Far_LoA	-8,2962056	0,069	0,308
CHR4	33675341	CHR4:33675341	SSF x Far_LoA	-8,55203005	-0,066	0,311
CHR4	33675359	CHR4:33675359	SSF x Far_LoA	-10,6659045	-0,072	0,297
CHR4	33675406	CHR4:33675406	SSF x Far_LoA	-7,45266725	-0,174	0,310
CHR4	33675470	CHR4:33675470	SSF x Far_LoA	-8,47562058	0,028	0,299
CHR4	33684562	CHR4:33684562	SSF x Far_LoA	-10,6843213	-0,035	0,301
CHR4	33684588	CHR4:33684588	SSF x Far_LoA	-10,0689125	0,005	0,320
CHR4	33684593	CHR4:33684593	SSF x Far_LoA	-7,3671728	0,058	0,315
CHR4	33685071	CHR4:33685071	SSF x Far_LoA	-8,91161021	0,022	0,317
CHR4	33689578	CHR4:33689578	SSF x Far_LoA	-11,0088077	0,151	0,298
CHR4	33689715	CHR4:33689715	SSF x Far_LoA	-8,54672549	-0,011	0,303
CHR4	33689716	CHR4:33689716	SSF x Far_LoA	-9,43177555	-0,058	0,292
CHR4	33689717	CHR4:33689717	SSF x Far_LoA	-9,59771686	-0,066	0,305
CHR4	33693867	CHR4:33693867	SSF x Far_LoA	-9,99327839	0,104	0,292
CHR4	33696482	CHR4:33696482	SSF x Far_LoA	-11,2259797	-0,031	0,294
CHR4	33697093	CHR4:33697093	SSF x Far_LoA	-9,28969278	0,028	0,309
CHR4	33697235	CHR4:33697235	SSF x Far_LoA	-9,03094973	0,072	0,298
CHR4	33697283	CHR4:33697283	SSF x Far_LoA	-8,73034431	-0,139	0,290
CHR4	33711709	CHR4:33711709	SSF x Far_LoA	-11,0947158	0,063	0,315
CHR4	33719910	CHR4:33719910	SSF x Far_LoA	-10,1013462	-0,038	0,305
CHR4	33732963	CHR4:33732963	SSF x Far_LoA	-7,50092291	-0,133	0,302
CHR4	33732993	CHR4:33732993	SSF x Far_LoA	-10,967711	0,072	0,296
CHR4	33744603	CHR4:33744603	SSF x Far_LoA	-10,5487615	-0,020	0,298
CHR4	33744654	CHR4:33744654	SSF x Far_LoA	-7,71508838	-0,046	0,313
CHR4	33744669	CHR4:33744669	SSF x Far_LoA	-9,99506192	0,114	0,307
CHR4	33745789	CHR4:33745789	SSF x Far_LoA	-6,98106079	-0,126	0,309
CHR4	33745800	CHR4:33745800	SSF x Far_LoA	0,10663768	-0,120	0,309
CHR4	33745827	CHR4:33745827	SSF x Far_LoA	-7,55540113	-0,192	0,305
CHR4	33755704	CHR4:33755704	SSF x Far_LoA	-6,58851841	-0,155	0,319
CHR4	33758435	CHR4:33758435	SSF x Far_LoA	-9,11281351	0,001	0,308
CHR4	33758583	CHR4:33758583	SSF x Far_LoA	-10,4316399	0,080	0,292
CHR4	33758596	CHR4:33758596	SSF x Far_LoA	-9,95415651	0,090	0,306
CHR4	33758615	CHR4:33758615	SSF x Far_LoA	-10,5295904	0,078	0,300
CHR4	33779763	CHR4:33779763	SSF x Far_LoA	-10,0575455	0,096	0,306

CHR4	33779914	CHR4:33779914	SSF x Far_LoA	-7,4917483	0,067	0,311
CHR4	3381194	CHR4:3381194	SSF x Far_LoA	-7,90286295	0,017	0,317
CHR4	3381199	CHR4:3381199	SSF x Far_LoA	-9,49715676	0,019	0,319
CHR4	33825475	CHR4:33825475	SSF x Far_LoA	-8,08103858	0,035	0,326
CHR4	33883543	CHR4:33883543	SSF x Far_LoA	-9,95510241	0,043	0,309
CHR4	33897393	CHR4:33897393	SSF x Far_LoA	-10,1599411	0,052	0,322
CHR4	3403662	CHR4:3403662	SSF x Far_LoA	-5,07662724	-0,034	0,312
CHR4	3409007	CHR4:3409007	SSF x Far_LoA	-12,0707231	0,051	0,311
CHR4	3417988	CHR4:3417988	SSF x Far_LoA	-9,63503594	-0,081	0,316
CHR4	3417989	CHR4:3417989	SSF x Far_LoA	-9,65741334	-0,081	0,298
CHR4	3426418	CHR4:3426418	SSF x Far_LoA	-7,65261213	0,066	0,314
CHR4	3432475	CHR4:3432475	SSF x Far_LoA	-10,5446971	0,097	0,304
CHR4	3432624	CHR4:3432624	SSF x Far_LoA	-11,5527372	-0,037	0,309
CHR4	346297	CHR4:346297	SSF x Far_LoA	-8,83778944	-0,099	0,320
CHR4	3463135	CHR4:3463135	SSF x Far_LoA	-9,84702425	0,119	0,313
CHR4	346380	CHR4:346380	SSF x Far_LoA	-9,06407119	-0,071	0,289
CHR4	3472881	CHR4:3472881	SSF x Far_LoA	-8,45179717	-0,112	0,300
CHR4	3484022	CHR4:3484022	SSF x Far_LoA	-8,28956425	-0,148	0,307
CHR4	3484276	CHR4:3484276	SSF x Far_LoA	-10,7485088	-0,025	0,306
CHR4	3484343	CHR4:3484343	SSF x Far_LoA	-9,67084691	-0,007	0,305
CHR4	3493155	CHR4:3493155	SSF x Far_LoA	-6,03861472	-0,072	0,303
CHR4	3493228	CHR4:3493228	SSF x Far_LoA	-9,92875848	-0,035	0,293
CHR4	3493251	CHR4:3493251	SSF x Far_LoA	-9,20767894	0,020	0,292
CHR4	3510955	CHR4:3510955	SSF x Far_LoA	-7,17296804	-0,047	0,313
CHR4	3512278	CHR4:3512278	SSF x Far_LoA	-10,6507102	-0,004	0,295
CHR4	3513413	CHR4:3513413	SSF x Far_LoA	-8,45786865	-0,037	0,297
CHR4	3517980	CHR4:3517980	SSF x Far_LoA	-11,7246004	0,031	0,310
CHR4	3517999	CHR4:3517999	SSF x Far_LoA	-10,5147826	0,106	0,308
CHR4	3518018	CHR4:3518018	SSF x Far_LoA	-9,71799276	0,093	0,305
CHR4	3518108	CHR4:3518108	SSF x Far_LoA	-8,67312955	-0,090	0,299
CHR4	3518141	CHR4:3518141	SSF x Far_LoA	-10,1219107	0,057	0,292
CHR4	3518177	CHR4:3518177	SSF x Far_LoA	0,37351059	0,060	0,323
CHR4	3520020	CHR4:3520020	SSF x Far_LoA	-11,0372803	0,003	0,280
CHR4	3520041	CHR4:3520041	SSF x Far_LoA	-7,10146345	0,112	0,306
CHR4	352374	CHR4:352374	SSF x Far_LoA	-10,7915041	-0,003	0,312
CHR4	352402	CHR4:352402	SSF x Far_LoA	-8,74264714	-0,034	0,292
CHR4	352470	CHR4:352470	SSF x Far_LoA	-9,27821631	-0,020	0,329
CHR4	352496	CHR4:352496	SSF x Far_LoA	-8,23579511	-0,056	0,298
CHR4	3530763	CHR4:3530763	SSF x Far_LoA	-8,66558449	-0,077	0,303
CHR4	3530764	CHR4:3530764	SSF x Far_LoA	-2,07862694	0,256	0,281
CHR4	3532395	CHR4:3532395	SSF x Far_LoA	-9,35082277	-0,061	0,287
CHR4	3532400	CHR4:3532400	SSF x Far_LoA	-11,0567422	0,016	0,326
CHR4	3539339	CHR4:3539339	SSF x Far_LoA	-6,61176907	0,093	0,310
CHR4	3542663	CHR4:3542663	SSF x Far_LoA	-8,77683716	-0,054	0,309
CHR4	3545421	CHR4:3545421	SSF x Far_LoA	-7,65172416	-0,092	0,308
CHR4	3552134	CHR4:3552134	SSF x Far_LoA	-8,34650693	-0,123	0,302
CHR4	3552166	CHR4:3552166	SSF x Far_LoA	-8,64119806	0,034	0,313
CHR4	3552259	CHR4:3552259	SSF x Far_LoA	-8,38967056	0,076	0,288
CHR4	3552261	CHR4:3552261	SSF x Far_LoA	-10,2384542	0,116	0,298
CHR4	3552272	CHR4:3552272	SSF x Far_LoA	-9,90058884	0,041	0,308
CHR4	3557393	CHR4:3557393	SSF x Far_LoA	-10,4140728	-0,011	0,296
CHR4	3557471	CHR4:3557471	SSF x Far_LoA	-9,97737782	-0,120	0,293
CHR4	3557473	CHR4:3557473	SSF x Far_LoA	-10,8555257	-0,023	0,318

CHR4	3557485	CHR4:3557485	SSF x Far_LoA	-11,8020589	-0,021	0,302
CHR4	3557523	CHR4:3557523	SSF x Far_LoA	-9,20506827	0,004	0,305
CHR4	3557539	CHR4:3557539	SSF x Far_LoA	-9,99616027	-0,078	0,300
CHR4	3563971	CHR4:3563971	SSF x Far_LoA	-5,76628164	0,037	0,310
CHR4	3564079	CHR4:3564079	SSF x Far_LoA	-9,08274345	-0,030	0,300
CHR4	3564092	CHR4:3564092	SSF x Far_LoA	-5,95303093	-0,118	0,295
CHR4	3564180	CHR4:3564180	SSF x Far_LoA	-9,00637108	0,006	0,313
CHR4	3564201	CHR4:3564201	SSF x Far_LoA	-8,54671609	0,037	0,304
CHR4	3564237	CHR4:3564237	SSF x Far_LoA	-11,4653312	0,015	0,307
CHR4	3578620	CHR4:3578620	SSF x Far_LoA	-10,3917865	0,024	0,316
CHR4	3578772	CHR4:3578772	SSF x Far_LoA	-10,5346494	0,089	0,307
CHR4	3578830	CHR4:3578830	SSF x Far_LoA	-7,43329729	-0,076	0,289
CHR4	3578844	CHR4:3578844	SSF x Far_LoA	-10,6405143	-0,036	0,308
CHR4	3578893	CHR4:3578893	SSF x Far_LoA	-10,2471891	-0,084	0,313
CHR4	3594740	CHR4:3594740	SSF x Far_LoA	-10,273342	-0,082	0,302
CHR4	3595663	CHR4:3595663	SSF x Far_LoA	-8,91867283	0,011	0,310
CHR4	3595744	CHR4:3595744	SSF x Far_LoA	-8,83854851	-0,157	0,311
CHR4	3595750	CHR4:3595750	SSF x Far_LoA	-9,74466997	0,018	0,312
CHR4	3595760	CHR4:3595760	SSF x Far_LoA	-9,98672137	-0,003	0,316
CHR4	3597890	CHR4:3597890	SSF x Far_LoA	-8,90760969	-0,072	0,302
CHR4	3600670	CHR4:3600670	SSF x Far_LoA	-9,36446126	-0,050	0,322
CHR4	3600772	CHR4:3600772	SSF x Far_LoA	-4,44605279	-0,031	0,314
CHR4	3600777	CHR4:3600777	SSF x Far_LoA	-10,3700694	0,019	0,308
CHR4	3600779	CHR4:3600779	SSF x Far_LoA	-11,4607969	-0,008	0,310
CHR4	3600828	CHR4:3600828	SSF x Far_LoA	-9,55026967	0,082	0,292
CHR4	3600904	CHR4:3600904	SSF x Far_LoA	-10,6541776	0,023	0,295
CHR4	3600936	CHR4:3600936	SSF x Far_LoA	-10,0623077	-0,006	0,302
CHR4	3600960	CHR4:3600960	SSF x Far_LoA	-11,0642135	-0,016	0,309
CHR4	3603667	CHR4:3603667	SSF x Far_LoA	-10,2681989	0,073	0,309
CHR4	3603674	CHR4:3603674	SSF x Far_LoA	-8,81325472	0,072	0,303
CHR4	3603733	CHR4:3603733	SSF x Far_LoA	-11,064556	-0,074	0,287
CHR4	3603743	CHR4:3603743	SSF x Far_LoA	-8,82884148	-0,037	0,302
CHR4	3608932	CHR4:3608932	SSF x Far_LoA	-9,89569162	-0,057	0,305
CHR4	3609013	CHR4:3609013	SSF x Far_LoA	-6,8506129	-0,113	0,312
CHR4	361373	CHR4:361373	SSF x Far_LoA	-10,3801012	-0,082	0,321
CHR4	3613888	CHR4:3613888	SSF x Far_LoA	-5,55818145	-0,179	0,302
CHR4	3613917	CHR4:3613917	SSF x Far_LoA	-9,71208085	0,157	0,291
CHR4	3613961	CHR4:3613961	SSF x Far_LoA	-9,48888012	-0,003	0,311
CHR4	361440	CHR4:361440	SSF x Far_LoA	-8,03457515	-0,036	0,316
CHR4	3618158	CHR4:3618158	SSF x Far_LoA	-10,2181397	-0,087	0,288
CHR4	3627920	CHR4:3627920	SSF x Far_LoA	-5,64084378	0,218	0,295
CHR4	3634973	CHR4:3634973	SSF x Far_LoA	2,71622328	-0,013	0,298
CHR4	3635561	CHR4:3635561	SSF x Far_LoA	-10,2567562	0,064	0,314
CHR4	3635617	CHR4:3635617	SSF x Far_LoA	-9,75784664	-0,001	0,310
CHR4	3635623	CHR4:3635623	SSF x Far_LoA	-9,69312595	0,019	0,303
CHR4	3650682	CHR4:3650682	SSF x Far_LoA	-6,29860621	0,069	0,313
CHR4	3658834	CHR4:3658834	SSF x Far_LoA	-11,943264	0,075	0,309
CHR4	3667055	CHR4:3667055	SSF x Far_LoA	-11,4096312	-0,040	0,315
CHR4	3667116	CHR4:3667116	SSF x Far_LoA	-6,17417035	-0,156	0,288
CHR4	3667133	CHR4:3667133	SSF x Far_LoA	-9,57298059	0,090	0,301
CHR4	3672768	CHR4:3672768	SSF x Far_LoA	-10,7943624	0,011	0,313
CHR4	3672986	CHR4:3672986	SSF x Far_LoA	-10,9977124	0,036	0,311
CHR4	3673008	CHR4:3673008	SSF x Far_LoA	-7,49363017	0,208	0,291

CHR4	3674352	CHR4:3674352	SSF x Far_LoA	-8,98517822	0,084	0,301
CHR4	3674505	CHR4:3674505	SSF x Far_LoA	-8,5806893	-0,030	0,318
CHR4	3674508	CHR4:3674508	SSF x Far_LoA	-11,2617003	0,046	0,304
CHR4	3681622	CHR4:3681622	SSF x Far_LoA	-6,88768435	-0,089	0,286
CHR4	3681721	CHR4:3681721	SSF x Far_LoA	-5,98181903	0,121	0,299
CHR4	3681742	CHR4:3681742	SSF x Far_LoA	-8,18852906	-0,054	0,297
CHR4	3681791	CHR4:3681791	SSF x Far_LoA	-9,100802	-0,081	0,317
CHR4	3681792	CHR4:3681792	SSF x Far_LoA	-6,7508098	-0,049	0,312
CHR4	3685777	CHR4:3685777	SSF x Far_LoA	-9,62059848	-0,101	0,295
CHR4	3699772	CHR4:3699772	SSF x Far_LoA	-8,4177269	0,055	0,323
CHR4	3699789	CHR4:3699789	SSF x Far_LoA	-10,8075478	-0,024	0,323
CHR4	3699822	CHR4:3699822	SSF x Far_LoA	-11,0788518	0,048	0,300
CHR4	3701836	CHR4:3701836	SSF x Far_LoA	-7,05179032	0,157	0,298
CHR4	3701934	CHR4:3701934	SSF x Far_LoA	-10,8684564	0,079	0,300
CHR4	370668	CHR4:370668	SSF x Far_LoA	-9,34482273	0,016	0,306
CHR4	370705	CHR4:370705	SSF x Far_LoA	-9,3042169	0,024	0,303
CHR4	370706	CHR4:370706	SSF x Far_LoA	-8,47819716	0,036	0,300
CHR4	3707390	CHR4:3707390	SSF x Far_LoA	-9,19739953	-0,023	0,303
CHR4	3713369	CHR4:3713369	SSF x Far_LoA	-10,8193873	-0,006	0,311
CHR4	3721426	CHR4:3721426	SSF x Far_LoA	-5,8779782	0,082	0,310
CHR4	3721467	CHR4:3721467	SSF x Far_LoA	-9,25697565	-0,106	0,299
CHR4	3721487	CHR4:3721487	SSF x Far_LoA	-8,55069623	-0,087	0,308
CHR4	3724255	CHR4:3724255	SSF x Far_LoA	-10,6275214	0,050	0,306
CHR4	3729056	CHR4:3729056	SSF x Far_LoA	-11,4164939	0,055	0,306
CHR4	3729100	CHR4:3729100	SSF x Far_LoA	-8,01229212	0,056	0,311
CHR4	3737656	CHR4:3737656	SSF x Far_LoA	-7,07044029	0,005	0,318
CHR4	3737669	CHR4:3737669	SSF x Far_LoA	-8,37700851	0,065	0,313
CHR4	3737679	CHR4:3737679	SSF x Far_LoA	-11,3210819	-0,048	0,287
CHR4	3737756	CHR4:3737756	SSF x Far_LoA	-8,92476547	0,001	0,318
CHR4	3741321	CHR4:3741321	SSF x Far_LoA	-9,25752543	-0,101	0,299
CHR4	3741407	CHR4:3741407	SSF x Far_LoA	-9,01957869	0,132	0,292
CHR4	3741411	CHR4:3741411	SSF x Far_LoA	-9,36194471	-0,009	0,304
CHR4	3743006	CHR4:3743006	SSF x Far_LoA	-9,94886139	0,104	0,301
CHR4	3750797	CHR4:3750797	SSF x Far_LoA	-6,00164074	-0,140	0,316
CHR4	3750951	CHR4:3750951	SSF x Far_LoA	-11,9726617	-0,049	0,300
CHR4	3750991	CHR4:3750991	SSF x Far_LoA	-8,80856227	0,127	0,302
CHR4	3751038	CHR4:3751038	SSF x Far_LoA	-12,0480198	0,035	0,324
CHR4	3751054	CHR4:3751054	SSF x Far_LoA	-9,54884608	0,067	0,315
CHR4	3751076	CHR4:3751076	SSF x Far_LoA	-9,60265416	0,124	0,306
CHR4	3751082	CHR4:3751082	SSF x Far_LoA	-10,6087167	-0,019	0,305
CHR4	3755823	CHR4:3755823	SSF x Far_LoA	-11,2079125	-0,053	0,327
CHR4	3755904	CHR4:3755904	SSF x Far_LoA	-9,16968202	-0,038	0,296
CHR4	3756096	CHR4:3756096	SSF x Far_LoA	-8,94115145	0,096	0,291
CHR4	3769697	CHR4:3769697	SSF x Far_LoA	-9,1851161	-0,139	0,304
CHR4	3769745	CHR4:3769745	SSF x Far_LoA	-8,01233288	0,111	0,304
CHR4	3769748	CHR4:3769748	SSF x Far_LoA	-9,71343663	-0,077	0,321
CHR4	3769751	CHR4:3769751	SSF x Far_LoA	-9,03933814	0,006	0,319
CHR4	3769759	CHR4:3769759	SSF x Far_LoA	-6,46135903	-0,186	0,310
CHR4	3770110	CHR4:3770110	SSF x Far_LoA	-9,6121208	-0,078	0,316
CHR4	3770122	CHR4:3770122	SSF x Far_LoA	-10,0496969	-0,165	0,310
CHR4	378290	CHR4:378290	SSF x Far_LoA	-10,7413165	-0,006	0,311
CHR4	378798	CHR4:378798	SSF x Far_LoA	-8,89574049	-0,143	0,305
CHR4	3791099	CHR4:3791099	SSF x Far_LoA	-7,68585828	0,062	0,302

CHR4	3791135	CHR4:3791135	SSF x Far_LoA	-9,72661008	0,014	0,304
CHR4	3791186	CHR4:3791186	SSF x Far_LoA	-9,73232685	-0,029	0,308
CHR4	3791198	CHR4:3791198	SSF x Far_LoA	-9,86781084	0,031	0,308
CHR4	3791222	CHR4:3791222	SSF x Far_LoA	-4,33152164	0,067	0,306
CHR4	3791369	CHR4:3791369	SSF x Far_LoA	-11,1764329	-0,037	0,300
CHR4	3793652	CHR4:3793652	SSF x Far_LoA	-10,1393802	0,083	0,297
CHR4	3793866	CHR4:3793866	SSF x Far_LoA	-10,0038668	0,038	0,315
CHR4	3801185	CHR4:3801185	SSF x Far_LoA	-5,63428358	-0,219	0,300
CHR4	3804713	CHR4:3804713	SSF x Far_LoA	-3,84687586	-0,051	0,319
CHR4	3804814	CHR4:3804814	SSF x Far_LoA	-11,0579486	-0,126	0,303
CHR4	3804893	CHR4:3804893	SSF x Far_LoA	-11,2434449	-0,052	0,302
CHR4	3825035	CHR4:3825035	SSF x Far_LoA	-8,47699392	-0,036	0,300
CHR4	3825118	CHR4:3825118	SSF x Far_LoA	-12,1353152	0,054	0,295
CHR4	3825263	CHR4:3825263	SSF x Far_LoA	-9,25424795	-0,017	0,301
CHR4	3833174	CHR4:3833174	SSF x Far_LoA	-9,00926496	0,079	0,318
CHR4	3833197	CHR4:3833197	SSF x Far_LoA	-8,78182014	-0,003	0,303
CHR4	3833208	CHR4:3833208	SSF x Far_LoA	-10,1763697	-0,113	0,308
CHR4	3833224	CHR4:3833224	SSF x Far_LoA	-10,1126288	-0,058	0,298
CHR4	3833226	CHR4:3833226	SSF x Far_LoA	-9,62675137	0,032	0,317
CHR4	3833244	CHR4:3833244	SSF x Far_LoA	-9,47242623	-0,082	0,295
CHR4	3833257	CHR4:3833257	SSF x Far_LoA	-8,89971992	0,044	0,308
CHR4	3833301	CHR4:3833301	SSF x Far_LoA	-10,8204442	0,059	0,316
CHR4	3833364	CHR4:3833364	SSF x Far_LoA	-9,48347293	0,011	0,307
CHR4	3848195	CHR4:3848195	SSF x Far_LoA	-8,78408491	-0,056	0,314
CHR4	3848206	CHR4:3848206	SSF x Far_LoA	-8,05619676	-0,023	0,286
CHR4	3848215	CHR4:3848215	SSF x Far_LoA	-7,61625159	0,076	0,319
CHR4	3848280	CHR4:3848280	SSF x Far_LoA	-8,99966941	-0,024	0,312
CHR4	3848288	CHR4:3848288	SSF x Far_LoA	-9,96521142	0,056	0,301
CHR4	3855544	CHR4:3855544	SSF x Far_LoA	-10,5160691	0,055	0,309
CHR4	386283	CHR4:386283	SSF x Far_LoA	-8,990989	-0,032	0,296
CHR4	386569	CHR4:386569	SSF x Far_LoA	-9,1883077	0,007	0,312
CHR4	3866614	CHR4:3866614	SSF x Far_LoA	-11,1797285	-0,120	0,296
CHR4	3866631	CHR4:3866631	SSF x Far_LoA	-10,937673	-0,068	0,312
CHR4	3866679	CHR4:3866679	SSF x Far_LoA	-8,61583675	0,044	0,318
CHR4	3866766	CHR4:3866766	SSF x Far_LoA	-11,6749674	0,017	0,306
CHR4	3867277	CHR4:3867277	SSF x Far_LoA	-10,0645993	-0,122	0,303
CHR4	3880858	CHR4:3880858	SSF x Far_LoA	-10,589364	0,062	0,305
CHR4	3880872	CHR4:3880872	SSF x Far_LoA	-5,89306278	0,126	0,316
CHR4	3887749	CHR4:3887749	SSF x Far_LoA	-7,55347454	-0,017	0,306
CHR4	3887786	CHR4:3887786	SSF x Far_LoA	-10,4923808	-0,027	0,308
CHR4	3887822	CHR4:3887822	SSF x Far_LoA	-7,86112089	0,001	0,319
CHR4	3887909	CHR4:3887909	SSF x Far_LoA	-8,18256221	0,133	0,301
CHR4	3891434	CHR4:3891434	SSF x Far_LoA	-12,2691881	-0,003	0,302
CHR4	3891476	CHR4:3891476	SSF x Far_LoA	-7,51617741	0,143	0,303
CHR4	3891477	CHR4:3891477	SSF x Far_LoA	-8,44599384	0,053	0,314
CHR4	3893390	CHR4:3893390	SSF x Far_LoA	-7,87263612	0,153	0,308
CHR4	3893426	CHR4:3893426	SSF x Far_LoA	-10,7219833	-0,116	0,302
CHR4	3894732	CHR4:3894732	SSF x Far_LoA	-9,03423293	-0,054	0,300
CHR4	3894745	CHR4:3894745	SSF x Far_LoA	-7,7982012	0,012	0,310
CHR4	3899770	CHR4:3899770	SSF x Far_LoA	-9,81681734	0,012	0,307
CHR4	3899775	CHR4:3899775	SSF x Far_LoA	-9,02450472	-0,151	0,296
CHR4	3899878	CHR4:3899878	SSF x Far_LoA	-8,15252149	0,001	0,313
CHR4	3899921	CHR4:3899921	SSF x Far_LoA	-10,4475446	-0,010	0,294

CHR4	3900151	CHR4:3900151	SSF x Far_LoA	-6,61537233	-0,100	0,310
CHR4	3900196	CHR4:3900196	SSF x Far_LoA	-10,7575432	-0,080	0,312
CHR4	3911343	CHR4:3911343	SSF x Far_LoA	-8,66818854	0,037	0,317
CHR4	3911357	CHR4:3911357	SSF x Far_LoA	4,90307598	0,125	0,290
CHR4	3911372	CHR4:3911372	SSF x Far_LoA	-10,322872	0,122	0,294
CHR4	3911426	CHR4:3911426	SSF x Far_LoA	-8,94548252	0,065	0,306
CHR4	3912241	CHR4:3912241	SSF x Far_LoA	-9,91066514	-0,076	0,325
CHR4	3912287	CHR4:3912287	SSF x Far_LoA	-7,66979796	0,047	0,321
CHR4	3912349	CHR4:3912349	SSF x Far_LoA	-11,8603373	-0,009	0,295
CHR4	3916606	CHR4:3916606	SSF x Far_LoA	-5,08623695	-0,161	0,296
CHR4	3918915	CHR4:3918915	SSF x Far_LoA	-9,85023383	-0,079	0,320
CHR4	3920796	CHR4:3920796	SSF x Far_LoA	-12,0271568	-0,003	0,313
CHR4	3920889	CHR4:3920889	SSF x Far_LoA	-8,37127443	-0,153	0,306
CHR4	3920935	CHR4:3920935	SSF x Far_LoA	-10,0820164	-0,083	0,302
CHR4	3920942	CHR4:3920942	SSF x Far_LoA	-8,40225605	-0,035	0,303
CHR4	3920969	CHR4:3920969	SSF x Far_LoA	-8,49780103	0,001	0,309
CHR4	3929278	CHR4:3929278	SSF x Far_LoA	-8,57489319	0,038	0,322
CHR4	3929296	CHR4:3929296	SSF x Far_LoA	-10,5360933	0,045	0,302
CHR4	3929370	CHR4:3929370	SSF x Far_LoA	-11,0405661	0,054	0,292
CHR4	3931232	CHR4:3931232	SSF x Far_LoA	-11,1726344	-0,006	0,309
CHR4	3931242	CHR4:3931242	SSF x Far_LoA	-10,1804002	-0,062	0,313
CHR4	3931250	CHR4:3931250	SSF x Far_LoA	-9,83183296	-0,057	0,311
CHR4	3931259	CHR4:3931259	SSF x Far_LoA	-8,54773534	0,062	0,304
CHR4	3931270	CHR4:3931270	SSF x Far_LoA	-6,45339026	-0,097	0,320
CHR4	3950456	CHR4:3950456	SSF x Far_LoA	-9,04977855	0,007	0,307
CHR4	3950479	CHR4:3950479	SSF x Far_LoA	-8,61993782	-0,063	0,298
CHR4	3950598	CHR4:3950598	SSF x Far_LoA	-7,2025462	0,028	0,311
CHR4	3950653	CHR4:3950653	SSF x Far_LoA	-6,78317208	0,052	0,310
CHR4	3950668	CHR4:3950668	SSF x Far_LoA	-10,9799252	0,067	0,295
CHR4	3950808	CHR4:3950808	SSF x Far_LoA	-11,2799073	0,057	0,300
CHR4	3950820	CHR4:3950820	SSF x Far_LoA	-11,6277876	0,021	0,297
CHR4	3962237	CHR4:3962237	SSF x Far_LoA	-11,7624353	-0,011	0,300
CHR4	3962262	CHR4:3962262	SSF x Far_LoA	-8,6713155	-0,173	0,290
CHR4	3967000	CHR4:3967000	SSF x Far_LoA	-8,39221728	0,087	0,300
CHR4	3967069	CHR4:3967069	SSF x Far_LoA	-7,21636867	0,084	0,309
CHR4	3977699	CHR4:3977699	SSF x Far_LoA	-8,33638407	0,130	0,305
CHR4	3980379	CHR4:3980379	SSF x Far_LoA	-10,2879643	-0,013	0,309
CHR4	3983907	CHR4:3983907	SSF x Far_LoA	-9,40529845	0,010	0,299
CHR4	3983943	CHR4:3983943	SSF x Far_LoA	-6,42750039	0,022	0,321
CHR4	3983962	CHR4:3983962	SSF x Far_LoA	-9,14371472	-0,078	0,316
CHR4	3983964	CHR4:3983964	SSF x Far_LoA	-11,3416269	0,062	0,302
CHR4	3991778	CHR4:3991778	SSF x Far_LoA	-8,23483374	-0,050	0,309
CHR4	3992026	CHR4:3992026	SSF x Far_LoA	-10,0687118	0,037	0,310
CHR4	3996478	CHR4:3996478	SSF x Far_LoA	-8,80651707	-0,120	0,310
CHR4	3999108	CHR4:3999108	SSF x Far_LoA	-9,1631273	-0,004	0,301
CHR4	3999233	CHR4:3999233	SSF x Far_LoA	-8,34413373	-0,100	0,310
CHR4	3999269	CHR4:3999269	SSF x Far_LoA	-11,7984072	0,043	0,299
CHR4	3999272	CHR4:3999272	SSF x Far_LoA	-11,0063945	-0,021	0,294
CHR4	4004942	CHR4:4004942	SSF x Far_LoA	-9,88325212	0,033	0,323
CHR4	4004953	CHR4:4004953	SSF x Far_LoA	-10,0802632	0,016	0,311
CHR4	4007280	CHR4:4007280	SSF x Far_LoA	-11,1223058	-0,074	0,297
CHR4	4016715	CHR4:4016715	SSF x Far_LoA	-10,7098933	0,006	0,315
CHR4	4016738	CHR4:4016738	SSF x Far_LoA	-10,2135356	-0,035	0,303

CHR4	4018961	CHR4:4018961	SSF x Far_LoA	-9,37111988	0,102	0,298
CHR4	4018962	CHR4:4018962	SSF x Far_LoA	-3,15824331	0,089	0,303
CHR4	401986	CHR4:401986	SSF x Far_LoA	-9,24222218	-0,106	0,300
CHR4	4020010	CHR4:4020010	SSF x Far_LoA	-10,6780924	-0,006	0,299
CHR4	4020042	CHR4:4020042	SSF x Far_LoA	-6,95515554	0,084	0,312
CHR4	4020062	CHR4:4020062	SSF x Far_LoA	-4,00180098	-0,010	0,310
CHR4	4020087	CHR4:4020087	SSF x Far_LoA	-2,99895558	-0,110	0,315
CHR4	4022498	CHR4:4022498	SSF x Far_LoA	-1,22323834	-0,023	0,301
CHR4	4022503	CHR4:4022503	SSF x Far_LoA	-5,87721012	0,014	0,332
CHR4	4022514	CHR4:4022514	SSF x Far_LoA	-10,3644862	-0,026	0,310
CHR4	4029356	CHR4:4029356	SSF x Far_LoA	-8,46520568	-0,045	0,314
CHR4	4030849	CHR4:4030849	SSF x Far_LoA	-6,56039325	0,131	0,298
CHR4	4032013	CHR4:4032013	SSF x Far_LoA	-9,18333828	-0,006	0,304
CHR4	4033771	CHR4:4033771	SSF x Far_LoA	-10,9130414	-0,005	0,292
CHR4	403512	CHR4:403512	SSF x Far_LoA	-9,20542277	-0,120	0,304
CHR4	403526	CHR4:403526	SSF x Far_LoA	-10,6071995	-0,108	0,299
CHR4	403593	CHR4:403593	SSF x Far_LoA	-5,48247509	-0,144	0,302
CHR4	4040241	CHR4:4040241	SSF x Far_LoA	-7,6777954	0,075	0,306
CHR4	4041425	CHR4:4041425	SSF x Far_LoA	-12,7464538	0,022	0,309
CHR4	4053862	CHR4:4053862	SSF x Far_LoA	-9,64828356	-0,010	0,308
CHR4	4053875	CHR4:4053875	SSF x Far_LoA	-7,87658899	-0,095	0,310
CHR4	4053886	CHR4:4053886	SSF x Far_LoA	-9,615591	0,008	0,314
CHR4	4059897	CHR4:4059897	SSF x Far_LoA	-9,30596375	0,082	0,314
CHR4	4059904	CHR4:4059904	SSF x Far_LoA	-6,72750007	0,126	0,307
CHR4	4060067	CHR4:4060067	SSF x Far_LoA	-11,6621783	-0,072	0,296
CHR4	4072076	CHR4:4072076	SSF x Far_LoA	-11,5263373	-0,012	0,295
CHR4	4072077	CHR4:4072077	SSF x Far_LoA	-9,54726673	0,060	0,311
CHR4	4073378	CHR4:4073378	SSF x Far_LoA	-8,84617781	-0,061	0,297
CHR4	4073399	CHR4:4073399	SSF x Far_LoA	-7,15997779	-0,027	0,327
CHR4	4073424	CHR4:4073424	SSF x Far_LoA	-8,2290875	0,118	0,295
CHR4	4075836	CHR4:4075836	SSF x Far_LoA	-8,10134605	-0,066	0,306
CHR4	4079953	CHR4:4079953	SSF x Far_LoA	-10,0036677	-0,097	0,317
CHR4	4080008	CHR4:4080008	SSF x Far_LoA	-10,2712078	0,005	0,323
CHR4	4082466	CHR4:4082466	SSF x Far_LoA	-6,14527736	0,007	0,328
CHR4	4082580	CHR4:4082580	SSF x Far_LoA	-8,38172364	0,128	0,291
CHR4	4082627	CHR4:4082627	SSF x Far_LoA	-6,29248316	0,184	0,299
CHR4	4084113	CHR4:4084113	SSF x Far_LoA	-9,35241904	0,100	0,294
CHR4	4087415	CHR4:4087415	SSF x Far_LoA	-5,16325554	-0,134	0,301
CHR4	4087462	CHR4:4087462	SSF x Far_LoA	-8,37083203	-0,031	0,303
CHR4	4087513	CHR4:4087513	SSF x Far_LoA	-9,06729819	0,045	0,305
CHR4	4087586	CHR4:4087586	SSF x Far_LoA	-9,60441572	-0,042	0,304
CHR4	4087589	CHR4:4087589	SSF x Far_LoA	-9,74159101	0,024	0,319
CHR4	4087592	CHR4:4087592	SSF x Far_LoA	-10,960987	-0,117	0,307
CHR4	4089496	CHR4:4089496	SSF x Far_LoA	-11,1117592	0,021	0,314
CHR4	4098706	CHR4:4098706	SSF x Far_LoA	-6,70865898	0,137	0,306
CHR4	4101491	CHR4:4101491	SSF x Far_LoA	-7,8602616	-0,103	0,309
CHR4	4101492	CHR4:4101492	SSF x Far_LoA	-11,1034532	-0,073	0,306
CHR4	4107681	CHR4:4107681	SSF x Far_LoA	-9,83076447	0,085	0,302
CHR4	4107693	CHR4:4107693	SSF x Far_LoA	-10,6361011	0,074	0,308
CHR4	4107701	CHR4:4107701	SSF x Far_LoA	-8,06786316	0,111	0,299
CHR4	4109917	CHR4:4109917	SSF x Far_LoA	-10,9268194	-0,002	0,290
CHR4	4109983	CHR4:4109983	SSF x Far_LoA	-8,02594928	-0,034	0,293
CHR4	412258	CHR4:412258	SSF x Far_LoA	-9,19073372	0,040	0,295

CHR4	4137032	CHR4:4137032	SSF x Far_LoA	-11,219402	-0,055	0,299
CHR4	4137144	CHR4:4137144	SSF x Far_LoA	-10,6412928	-0,011	0,304
CHR4	4137200	CHR4:4137200	SSF x Far_LoA	-9,664956	-0,114	0,306
CHR4	4137288	CHR4:4137288	SSF x Far_LoA	-7,55149533	0,081	0,312
CHR4	4146027	CHR4:4146027	SSF x Far_LoA	-8,02208978	-0,039	0,316
CHR4	4146181	CHR4:4146181	SSF x Far_LoA	-10,2322066	-0,027	0,321
CHR4	4146197	CHR4:4146197	SSF x Far_LoA	-7,71634097	-0,073	0,314
CHR4	4146201	CHR4:4146201	SSF x Far_LoA	-9,77780457	-0,046	0,310
CHR4	4146224	CHR4:4146224	SSF x Far_LoA	-6,81967524	-0,101	0,297
CHR4	4146272	CHR4:4146272	SSF x Far_LoA	-9,86553887	-0,118	0,301
CHR4	415695	CHR4:415695	SSF x Far_LoA	-8,44976665	-0,078	0,304
CHR4	415723	CHR4:415723	SSF x Far_LoA	-8,79947237	-0,080	0,293
CHR4	415815	CHR4:415815	SSF x Far_LoA	-9,40507423	-0,071	0,302
CHR4	4184683	CHR4:4184683	SSF x Far_LoA	-11,2777438	-0,101	0,307
CHR4	4184811	CHR4:4184811	SSF x Far_LoA	-6,37245054	-0,121	0,300
CHR4	4184891	CHR4:4184891	SSF x Far_LoA	-0,73275189	-0,135	0,307
CHR4	4186438	CHR4:4186438	SSF x Far_LoA	-9,45066334	0,143	0,289
CHR4	4188734	CHR4:4188734	SSF x Far_LoA	-4,26426952	-0,110	0,293
CHR4	4188754	CHR4:4188754	SSF x Far_LoA	-8,56734314	0,051	0,311
CHR4	4188813	CHR4:4188813	SSF x Far_LoA	-5,87542539	-0,077	0,313
CHR4	419221	CHR4:419221	SSF x Far_LoA	-7,78221009	0,134	0,297
CHR4	419265	CHR4:419265	SSF x Far_LoA	-7,79011317	-0,043	0,310
CHR4	419283	CHR4:419283	SSF x Far_LoA	-7,05076416	-0,068	0,314
CHR4	4193139	CHR4:4193139	SSF x Far_LoA	-9,15291141	-0,042	0,320
CHR4	4193293	CHR4:4193293	SSF x Far_LoA	-7,77366861	0,079	0,308
CHR4	419366	CHR4:419366	SSF x Far_LoA	-9,13665496	-0,042	0,294
CHR4	419399	CHR4:419399	SSF x Far_LoA	-6,37340638	-0,074	0,311
CHR4	419458	CHR4:419458	SSF x Far_LoA	-10,0354245	-0,095	0,303
CHR4	419477	CHR4:419477	SSF x Far_LoA	-10,6634835	0,012	0,308
CHR4	4201936	CHR4:4201936	SSF x Far_LoA	-9,3556637	0,018	0,305
CHR4	4202001	CHR4:4202001	SSF x Far_LoA	-10,0848422	0,069	0,303
CHR4	4202038	CHR4:4202038	SSF x Far_LoA	-11,0831384	-0,010	0,293
CHR4	4214572	CHR4:4214572	SSF x Far_LoA	-11,2165049	0,013	0,305
CHR4	4214576	CHR4:4214576	SSF x Far_LoA	-9,22515109	-0,097	0,303
CHR4	4214619	CHR4:4214619	SSF x Far_LoA	-9,19687999	-0,100	0,288
CHR4	4215662	CHR4:4215662	SSF x Far_LoA	-7,65105449	0,156	0,302
CHR4	4215696	CHR4:4215696	SSF x Far_LoA	-10,3260555	-0,048	0,305
CHR4	4215933	CHR4:4215933	SSF x Far_LoA	-9,10668736	0,062	0,293
CHR4	4222963	CHR4:4222963	SSF x Far_LoA	-8,51128909	0,046	0,307
CHR4	4223010	CHR4:4223010	SSF x Far_LoA	-10,2120263	-0,040	0,310
CHR4	4231335	CHR4:4231335	SSF x Far_LoA	-9,42916086	-0,058	0,296
CHR4	4231415	CHR4:4231415	SSF x Far_LoA	-9,38326554	-0,030	0,312
CHR4	4231442	CHR4:4231442	SSF x Far_LoA	-10,7411349	-0,068	0,298
CHR4	4231665	CHR4:4231665	SSF x Far_LoA	-6,76697358	-0,130	0,300
CHR4	4231711	CHR4:4231711	SSF x Far_LoA	-9,94354144	-0,014	0,307
CHR4	4231715	CHR4:4231715	SSF x Far_LoA	-11,5721646	0,058	0,326
CHR4	4238506	CHR4:4238506	SSF x Far_LoA	-7,20593159	0,214	0,292
CHR4	4248319	CHR4:4248319	SSF x Far_LoA	-9,85679485	0,057	0,303
CHR4	4248322	CHR4:4248322	SSF x Far_LoA	7,00500882	0,186	0,293
CHR4	4248356	CHR4:4248356	SSF x Far_LoA	2,9339591	0,139	0,305
CHR4	4264274	CHR4:4264274	SSF x Far_LoA	-8,86931947	-0,159	0,306
CHR4	4264620	CHR4:4264620	SSF x Far_LoA	-9,56506832	-0,009	0,304
CHR4	4264651	CHR4:4264651	SSF x Far_LoA	-8,8805197	-0,025	0,308

CHR4	4270193	CHR4:4270193	SSF x Far_LoA	-8,27456739	-0,016	0,300
CHR4	4270218	CHR4:4270218	SSF x Far_LoA	-9,92104013	-0,087	0,317
CHR4	4270335	CHR4:4270335	SSF x Far_LoA	-10,7255483	0,018	0,289
CHR4	4270367	CHR4:4270367	SSF x Far_LoA	-6,92296286	0,107	0,289
CHR4	4277102	CHR4:4277102	SSF x Far_LoA	-11,3564941	0,018	0,299
CHR4	4277224	CHR4:4277224	SSF x Far_LoA	-10,7976142	0,040	0,319
CHR4	4277281	CHR4:4277281	SSF x Far_LoA	-9,91036477	0,074	0,302
CHR4	4277315	CHR4:4277315	SSF x Far_LoA	-8,31549228	0,004	0,314
CHR4	428802	CHR4:428802	SSF x Far_LoA	-7,58051395	-0,136	0,307
CHR4	428855	CHR4:428855	SSF x Far_LoA	-4,90142746	0,232	0,272
CHR4	428884	CHR4:428884	SSF x Far_LoA	-7,97046031	0,132	0,294
CHR4	428916	CHR4:428916	SSF x Far_LoA	-9,99048848	-0,099	0,288
CHR4	4300479	CHR4:4300479	SSF x Far_LoA	-9,9429606	0,010	0,302
CHR4	4303478	CHR4:4303478	SSF x Far_LoA	-11,7568349	0,009	0,302
CHR4	4303613	CHR4:4303613	SSF x Far_LoA	-9,12354687	0,074	0,309
CHR4	4303652	CHR4:4303652	SSF x Far_LoA	-8,28742535	0,073	0,298
CHR4	4313646	CHR4:4313646	SSF x Far_LoA	-9,42312896	0,029	0,303
CHR4	4313805	CHR4:4313805	SSF x Far_LoA	-9,47170078	-0,148	0,298
CHR4	4313886	CHR4:4313886	SSF x Far_LoA	-9,3170431	0,025	0,321
CHR4	4317404	CHR4:4317404	SSF x Far_LoA	-8,51192136	-0,066	0,309
CHR4	4317658	CHR4:4317658	SSF x Far_LoA	-11,014774	0,079	0,315
CHR4	4322874	CHR4:4322874	SSF x Far_LoA	-10,6595813	0,031	0,298
CHR4	4322921	CHR4:4322921	SSF x Far_LoA	-9,11872182	0,043	0,310
CHR4	4322945	CHR4:4322945	SSF x Far_LoA	-9,97422745	0,011	0,308
CHR4	4322985	CHR4:4322985	SSF x Far_LoA	-2,96903365	0,035	0,309
CHR4	4330546	CHR4:4330546	SSF x Far_LoA	-11,3406414	-0,033	0,312
CHR4	4330562	CHR4:4330562	SSF x Far_LoA	-8,75605599	0,078	0,303
CHR4	4330701	CHR4:4330701	SSF x Far_LoA	-8,80623271	-0,109	0,298
CHR4	4330786	CHR4:4330786	SSF x Far_LoA	-8,72727457	0,098	0,309
CHR4	4330806	CHR4:4330806	SSF x Far_LoA	-10,9672099	-0,061	0,292
CHR4	4334946	CHR4:4334946	SSF x Far_LoA	-10,6059841	0,121	0,299
CHR4	4334959	CHR4:4334959	SSF x Far_LoA	-7,28636353	-0,008	0,308
CHR4	4335037	CHR4:4335037	SSF x Far_LoA	-8,96168673	0,161	0,297
CHR4	4335118	CHR4:4335118	SSF x Far_LoA	-10,5672941	-0,031	0,308
CHR4	4347558	CHR4:4347558	SSF x Far_LoA	-9,43552538	-0,079	0,302
CHR4	435105	CHR4:435105	SSF x Far_LoA	-8,52328221	-0,049	0,299
CHR4	435151	CHR4:435151	SSF x Far_LoA	-7,95309508	-0,116	0,307
CHR4	435154	CHR4:435154	SSF x Far_LoA	-11,8928391	0,011	0,299
CHR4	435213	CHR4:435213	SSF x Far_LoA	-8,35991447	-0,133	0,302
CHR4	435240	CHR4:435240	SSF x Far_LoA	-7,10728349	-0,116	0,316
CHR4	435333	CHR4:435333	SSF x Far_LoA	-9,80205996	0,005	0,311
CHR4	435370	CHR4:435370	SSF x Far_LoA	-6,7571671	-0,122	0,299
CHR4	4358424	CHR4:4358424	SSF x Far_LoA	-10,7822607	-0,095	0,299
CHR4	4358468	CHR4:4358468	SSF x Far_LoA	-7,81455301	0,119	0,305
CHR4	4375454	CHR4:4375454	SSF x Far_LoA	-11,1002193	-0,098	0,307
CHR4	4375480	CHR4:4375480	SSF x Far_LoA	-6,71044438	0,105	0,304
CHR4	4376816	CHR4:4376816	SSF x Far_LoA	-11,3822412	-0,020	0,303
CHR4	4376826	CHR4:4376826	SSF x Far_LoA	-7,55701215	0,072	0,302
CHR4	4383920	CHR4:4383920	SSF x Far_LoA	-10,8857258	0,063	0,311
CHR4	4384055	CHR4:4384055	SSF x Far_LoA	-8,79329686	-0,057	0,304
CHR4	4384071	CHR4:4384071	SSF x Far_LoA	-11,2784346	0,005	0,295
CHR4	4397456	CHR4:4397456	SSF x Far_LoA	-10,4640319	0,121	0,300
CHR4	4397472	CHR4:4397472	SSF x Far_LoA	-9,09668766	-0,075	0,306

CHR4	4403968	CHR4:4403968	SSF x Far_LoA	-10,1815546	0,040	0,306
CHR4	4403980	CHR4:4403980	SSF x Far_LoA	-11,0917506	-0,033	0,311
CHR4	4404064	CHR4:4404064	SSF x Far_LoA	-7,69185132	-0,071	0,317
CHR4	4404116	CHR4:4404116	SSF x Far_LoA	-7,47744533	-0,086	0,316
CHR4	4404139	CHR4:4404139	SSF x Far_LoA	-11,0879235	-0,033	0,294
CHR4	4404145	CHR4:4404145	SSF x Far_LoA	-7,78883517	0,072	0,309
CHR4	4404175	CHR4:4404175	SSF x Far_LoA	-7,82760003	0,174	0,297
CHR4	4408243	CHR4:4408243	SSF x Far_LoA	-8,82421562	0,004	0,297
CHR4	4416219	CHR4:4416219	SSF x Far_LoA	-10,7211011	-0,027	0,306
CHR4	4416407	CHR4:4416407	SSF x Far_LoA	-9,46696188	-0,017	0,307
CHR4	4416467	CHR4:4416467	SSF x Far_LoA	-10,8716872	0,037	0,303
CHR4	4416483	CHR4:4416483	SSF x Far_LoA	-9,55577463	0,125	0,299
CHR4	4431234	CHR4:4431234	SSF x Far_LoA	-7,75187669	0,222	0,294
CHR4	4432313	CHR4:4432313	SSF x Far_LoA	-9,32481675	0,095	0,314
CHR4	4432377	CHR4:4432377	SSF x Far_LoA	1,62958352	-0,147	0,316
CHR4	4452656	CHR4:4452656	SSF x Far_LoA	-11,0214252	0,042	0,286
CHR4	4478684	CHR4:4478684	SSF x Far_LoA	-11,2977393	0,085	0,303
CHR4	4478735	CHR4:4478735	SSF x Far_LoA	-6,8503258	-0,057	0,304
CHR4	4478794	CHR4:4478794	SSF x Far_LoA	-9,84087533	-0,106	0,298
CHR4	4478803	CHR4:4478803	SSF x Far_LoA	-10,6144711	0,057	0,311
CHR4	4478808	CHR4:4478808	SSF x Far_LoA	-10,1300612	-0,003	0,306
CHR4	4478831	CHR4:4478831	SSF x Far_LoA	-8,26273387	-0,067	0,317
CHR4	4478860	CHR4:4478860	SSF x Far_LoA	-9,64671455	-0,043	0,317
CHR4	4479315	CHR4:4479315	SSF x Far_LoA	-10,2294777	0,168	0,304
CHR4	4480479	CHR4:4480479	SSF x Far_LoA	-10,819183	0,166	0,290
CHR4	4480496	CHR4:4480496	SSF x Far_LoA	-10,0135586	0,163	0,295
CHR4	4480604	CHR4:4480604	SSF x Far_LoA	-10,2404016	0,069	0,304
CHR4	4480609	CHR4:4480609	SSF x Far_LoA	-9,17414887	-0,118	0,303
CHR4	4485492	CHR4:4485492	SSF x Far_LoA	-7,30990924	0,077	0,313
CHR4	4485496	CHR4:4485496	SSF x Far_LoA	-4,00501768	-0,065	0,309
CHR4	4485498	CHR4:4485498	SSF x Far_LoA	-8,9687201	-0,105	0,306
CHR4	448950	CHR4:448950	SSF x Far_LoA	-7,73304705	-0,021	0,312
CHR4	448978	CHR4:448978	SSF x Far_LoA	-9,27432719	-0,058	0,303
CHR4	448979	CHR4:448979	SSF x Far_LoA	-3,61833233	-0,107	0,307
CHR4	449005	CHR4:449005	SSF x Far_LoA	-7,09816255	-0,096	0,321
CHR4	449079	CHR4:449079	SSF x Far_LoA	-9,28244798	0,053	0,304
CHR4	4492177	CHR4:4492177	SSF x Far_LoA	-8,94582278	0,113	0,297
CHR4	4492754	CHR4:4492754	SSF x Far_LoA	-8,11574473	-0,077	0,313
CHR4	4500876	CHR4:4500876	SSF x Far_LoA	-10,2014202	-0,085	0,297
CHR4	4500909	CHR4:4500909	SSF x Far_LoA	-9,41463226	0,020	0,295
CHR4	4506428	CHR4:4506428	SSF x Far_LoA	-4,46745511	0,079	0,304
CHR4	4506456	CHR4:4506456	SSF x Far_LoA	-6,86119228	0,172	0,290
CHR4	4506488	CHR4:4506488	SSF x Far_LoA	-6,32166675	0,109	0,295
CHR4	4506599	CHR4:4506599	SSF x Far_LoA	-7,25399133	0,109	0,300
CHR4	4507865	CHR4:4507865	SSF x Far_LoA	-10,9977338	0,093	0,297
CHR4	4513661	CHR4:4513661	SSF x Far_LoA	-6,75432612	-0,047	0,310
CHR4	4513907	CHR4:4513907	SSF x Far_LoA	-9,3738188	-0,031	0,303
CHR4	4513919	CHR4:4513919	SSF x Far_LoA	-7,64474081	0,164	0,288
CHR4	4513929	CHR4:4513929	SSF x Far_LoA	-8,91833336	0,082	0,288
CHR4	4513958	CHR4:4513958	SSF x Far_LoA	-10,8435311	-0,043	0,318
CHR4	4524409	CHR4:4524409	SSF x Far_LoA	-9,88655282	-0,057	0,300
CHR4	4524508	CHR4:4524508	SSF x Far_LoA	-9,43883131	-0,075	0,305
CHR4	4524668	CHR4:4524668	SSF x Far_LoA	-7,99545001	-0,142	0,297

CHR4	4524763	CHR4:4524763	SSF x Far_LoA	-10,955016	0,041	0,301
CHR4	4550322	CHR4:4550322	SSF x Far_LoA	-9,11343771	0,039	0,302
CHR4	4553905	CHR4:4553905	SSF x Far_LoA	-7,64209251	0,158	0,293
CHR4	4553915	CHR4:4553915	SSF x Far_LoA	-7,47018473	0,079	0,303
CHR4	4553923	CHR4:4553923	SSF x Far_LoA	-10,3024771	0,015	0,310
CHR4	4553963	CHR4:4553963	SSF x Far_LoA	-6,71134506	0,151	0,296
CHR4	4553973	CHR4:4553973	SSF x Far_LoA	-1,86857456	-0,180	0,311
CHR4	4554003	CHR4:4554003	SSF x Far_LoA	-5,43447498	-0,185	0,302
CHR4	4554008	CHR4:4554008	SSF x Far_LoA	-3,39184646	-0,174	0,305
CHR4	4554049	CHR4:4554049	SSF x Far_LoA	-10,2127039	0,083	0,299
CHR4	4554084	CHR4:4554084	SSF x Far_LoA	-5,87993824	0,109	0,301
CHR4	4562248	CHR4:4562248	SSF x Far_LoA	-9,2517769	-0,023	0,317
CHR4	4562285	CHR4:4562285	SSF x Far_LoA	-5,83223428	0,050	0,306
CHR4	4562334	CHR4:4562334	SSF x Far_LoA	-9,83555912	-0,086	0,290
CHR4	4562360	CHR4:4562360	SSF x Far_LoA	-5,0003849	-0,106	0,312
CHR4	4562367	CHR4:4562367	SSF x Far_LoA	-6,97824972	0,019	0,309
CHR4	456630	CHR4:456630	SSF x Far_LoA	-10,3309719	-0,032	0,314
CHR4	4573167	CHR4:4573167	SSF x Far_LoA	-9,59509552	0,030	0,306
CHR4	4575772	CHR4:4575772	SSF x Far_LoA	-11,5036837	0,070	0,309
CHR4	4575806	CHR4:4575806	SSF x Far_LoA	-7,34400818	-0,058	0,298
CHR4	4575845	CHR4:4575845	SSF x Far_LoA	-12,145653	-0,013	0,310
CHR4	4575851	CHR4:4575851	SSF x Far_LoA	-6,64885396	-0,139	0,309
CHR4	4575852	CHR4:4575852	SSF x Far_LoA	-8,44185032	-0,107	0,307
CHR4	4575956	CHR4:4575956	SSF x Far_LoA	-10,931792	0,043	0,297
CHR4	4576026	CHR4:4576026	SSF x Far_LoA	-11,185938	0,003	0,318
CHR4	4576027	CHR4:4576027	SSF x Far_LoA	-11,8505668	-0,039	0,314
CHR4	4593992	CHR4:4593992	SSF x Far_LoA	-9,93085611	0,060	0,294
CHR4	4595855	CHR4:4595855	SSF x Far_LoA	-8,11451181	-0,039	0,296
CHR4	4595868	CHR4:4595868	SSF x Far_LoA	-10,4036158	-0,017	0,299
CHR4	4595908	CHR4:4595908	SSF x Far_LoA	-10,3400823	-0,047	0,305
CHR4	4600468	CHR4:4600468	SSF x Far_LoA	-11,1373665	0,017	0,306
CHR4	4600564	CHR4:4600564	SSF x Far_LoA	-8,32243202	-0,014	0,298
CHR4	4600575	CHR4:4600575	SSF x Far_LoA	-11,6155909	0,101	0,297
CHR4	4616989	CHR4:4616989	SSF x Far_LoA	-8,81141723	0,095	0,309
CHR4	4617210	CHR4:4617210	SSF x Far_LoA	-11,0955208	0,021	0,300
CHR4	4617335	CHR4:4617335	SSF x Far_LoA	-11,5693498	0,109	0,299
CHR4	462077	CHR4:462077	SSF x Far_LoA	-8,87591498	0,024	0,309
CHR4	4631572	CHR4:4631572	SSF x Far_LoA	-9,99531931	0,042	0,310
CHR4	4631608	CHR4:4631608	SSF x Far_LoA	-10,1926101	0,024	0,299
CHR4	4631618	CHR4:4631618	SSF x Far_LoA	-8,42583305	0,008	0,314
CHR4	4631623	CHR4:4631623	SSF x Far_LoA	-9,16112607	-0,044	0,301
CHR4	463419	CHR4:463419	SSF x Far_LoA	-10,7369255	-0,026	0,312
CHR4	4637388	CHR4:4637388	SSF x Far_LoA	-10,3420524	-0,002	0,300
CHR4	4637461	CHR4:4637461	SSF x Far_LoA	-9,73963537	-0,068	0,297
CHR4	4637468	CHR4:4637468	SSF x Far_LoA	-10,453387	-0,020	0,310
CHR4	4637532	CHR4:4637532	SSF x Far_LoA	-11,749802	0,018	0,298
CHR4	4637577	CHR4:4637577	SSF x Far_LoA	-8,23247638	-0,029	0,302
CHR4	4637597	CHR4:4637597	SSF x Far_LoA	-6,11000724	0,220	0,275
CHR4	4637635	CHR4:4637635	SSF x Far_LoA	-6,87805607	-0,173	0,309
CHR4	4647110	CHR4:4647110	SSF x Far_LoA	-9,13385808	-0,089	0,311
CHR4	4647139	CHR4:4647139	SSF x Far_LoA	-6,15649501	0,160	0,277
CHR4	4647216	CHR4:4647216	SSF x Far_LoA	-11,8169201	-0,095	0,297
CHR4	4660481	CHR4:4660481	SSF x Far_LoA	-6,69079998	0,086	0,285

CHR4	4660675	CHR4:4660675	SSF x Far_LoA	-9,428776	-0,088	0,303
CHR4	4661959	CHR4:4661959	SSF x Far_LoA	-6,58338074	-0,111	0,280
CHR4	4666886	CHR4:4666886	SSF x Far_LoA	-9,43837163	0,044	0,314
CHR4	4667021	CHR4:4667021	SSF x Far_LoA	-9,89387959	-0,103	0,302
CHR4	4667072	CHR4:4667072	SSF x Far_LoA	-11,6479513	-0,035	0,289
CHR4	4669650	CHR4:4669650	SSF x Far_LoA	-7,704338	-0,007	0,313
CHR4	4676182	CHR4:4676182	SSF x Far_LoA	-8,5988718	-0,144	0,300
CHR4	4676187	CHR4:4676187	SSF x Far_LoA	-8,95020547	0,000	0,296
CHR4	4676203	CHR4:4676203	SSF x Far_LoA	-7,13329334	-0,110	0,306
CHR4	4676277	CHR4:4676277	SSF x Far_LoA	-8,70123827	0,000	0,282
CHR4	4676291	CHR4:4676291	SSF x Far_LoA	-12,1264147	0,050	0,304
CHR4	4676428	CHR4:4676428	SSF x Far_LoA	-12,3966781	0,018	0,306
CHR4	4679055	CHR4:4679055	SSF x Far_LoA	-11,3029022	0,005	0,313
CHR4	4694440	CHR4:4694440	SSF x Far_LoA	-8,80165515	-0,010	0,309
CHR4	4694478	CHR4:4694478	SSF x Far_LoA	-10,598633	0,044	0,302
CHR4	4694484	CHR4:4694484	SSF x Far_LoA	-8,87568615	0,016	0,303
CHR4	4694489	CHR4:4694489	SSF x Far_LoA	-12,0882488	0,050	0,312
CHR4	4694819	CHR4:4694819	SSF x Far_LoA	-11,5226163	-0,068	0,308
CHR4	4698562	CHR4:4698562	SSF x Far_LoA	-9,10012626	0,062	0,305
CHR4	4698634	CHR4:4698634	SSF x Far_LoA	-11,051207	-0,059	0,304
CHR4	4698637	CHR4:4698637	SSF x Far_LoA	-6,42618797	-0,101	0,314
CHR4	4700290	CHR4:4700290	SSF x Far_LoA	-10,9526883	-0,027	0,317
CHR4	4700307	CHR4:4700307	SSF x Far_LoA	-8,04708284	-0,084	0,297
CHR4	4700348	CHR4:4700348	SSF x Far_LoA	-8,09868892	0,112	0,296
CHR4	4700363	CHR4:4700363	SSF x Far_LoA	-8,77768708	0,047	0,291
CHR4	4700441	CHR4:4700441	SSF x Far_LoA	-8,07938459	-0,116	0,307
CHR4	4700467	CHR4:4700467	SSF x Far_LoA	-9,27965075	0,143	0,283
CHR4	4702131	CHR4:4702131	SSF x Far_LoA	-11,1543027	-0,045	0,305
CHR4	4702167	CHR4:4702167	SSF x Far_LoA	-10,1587575	0,006	0,294
CHR4	4716442	CHR4:4716442	SSF x Far_LoA	-10,9963073	0,137	0,298
CHR4	4738604	CHR4:4738604	SSF x Far_LoA	-8,11240605	0,068	0,313
CHR4	4738623	CHR4:4738623	SSF x Far_LoA	-8,77880754	0,000	0,317
CHR4	4738698	CHR4:4738698	SSF x Far_LoA	-7,19954153	0,187	0,306
CHR4	4738713	CHR4:4738713	SSF x Far_LoA	-8,57269973	-0,032	0,302
CHR4	4743195	CHR4:4743195	SSF x Far_LoA	-6,93604003	-0,167	0,297
CHR4	4743337	CHR4:4743337	SSF x Far_LoA	-10,1828275	-0,093	0,312
CHR4	4743338	CHR4:4743338	SSF x Far_LoA	-10,7603268	-0,093	0,309
CHR4	4743341	CHR4:4743341	SSF x Far_LoA	-11,3050724	-0,007	0,316
CHR4	4743368	CHR4:4743368	SSF x Far_LoA	-5,15148044	0,162	0,287
CHR4	4744526	CHR4:4744526	SSF x Far_LoA	5,02068252	-0,117	0,298
CHR4	4744632	CHR4:4744632	SSF x Far_LoA	-7,75094819	-0,072	0,304
CHR4	4744634	CHR4:4744634	SSF x Far_LoA	-12,2018801	-0,063	0,297
CHR4	4744669	CHR4:4744669	SSF x Far_LoA	-8,11056312	-0,057	0,318
CHR4	4744682	CHR4:4744682	SSF x Far_LoA	-9,96805488	0,068	0,312
CHR4	4744692	CHR4:4744692	SSF x Far_LoA	-9,47983611	0,011	0,300
CHR4	4745850	CHR4:4745850	SSF x Far_LoA	-1,18966283	0,167	0,304
CHR4	4745882	CHR4:4745882	SSF x Far_LoA	-7,87436939	-0,021	0,307
CHR4	4755119	CHR4:4755119	SSF x Far_LoA	-10,4331645	-0,012	0,309
CHR4	4759456	CHR4:4759456	SSF x Far_LoA	-9,35919192	0,107	0,293
CHR4	4759530	CHR4:4759530	SSF x Far_LoA	-9,97946379	-0,018	0,300
CHR4	4759586	CHR4:4759586	SSF x Far_LoA	-8,50178543	-0,145	0,309
CHR4	4759604	CHR4:4759604	SSF x Far_LoA	-10,9746758	0,003	0,320
CHR4	4769417	CHR4:4769417	SSF x Far_LoA	-9,03419232	-0,035	0,311

CHR4	4771569	CHR4:4771569	SSF x Far_LoA	-8,89599987	-0,026	0,314
CHR4	4771598	CHR4:4771598	SSF x Far_LoA	-7,45264042	0,023	0,322
CHR4	4771632	CHR4:4771632	SSF x Far_LoA	-8,80728735	-0,009	0,302
CHR4	4771665	CHR4:4771665	SSF x Far_LoA	-8,50551182	0,070	0,310
CHR4	4771751	CHR4:4771751	SSF x Far_LoA	-8,78302383	-0,053	0,316
CHR4	4771760	CHR4:4771760	SSF x Far_LoA	-8,57942575	-0,057	0,307
CHR4	4771785	CHR4:4771785	SSF x Far_LoA	-11,8655221	0,087	0,305
CHR4	4774616	CHR4:4774616	SSF x Far_LoA	-11,3291833	0,035	0,315
CHR4	4774633	CHR4:4774633	SSF x Far_LoA	-12,4763341	0,038	0,292
CHR4	4774634	CHR4:4774634	SSF x Far_LoA	-6,4409251	-0,047	0,294
CHR4	4774706	CHR4:4774706	SSF x Far_LoA	-8,90935686	0,080	0,290
CHR4	4774723	CHR4:4774723	SSF x Far_LoA	-7,83565808	-0,070	0,312
CHR4	4774788	CHR4:4774788	SSF x Far_LoA	-10,1280906	0,082	0,316
CHR4	4774802	CHR4:4774802	SSF x Far_LoA	-6,78370949	-0,053	0,316
CHR4	4774804	CHR4:4774804	SSF x Far_LoA	-9,75951322	-0,061	0,303
CHR4	4774806	CHR4:4774806	SSF x Far_LoA	-8,7118039	-0,062	0,310
CHR4	4774841	CHR4:4774841	SSF x Far_LoA	-7,54773876	0,026	0,301
CHR4	4774850	CHR4:4774850	SSF x Far_LoA	-8,01220881	0,048	0,310
CHR4	4774853	CHR4:4774853	SSF x Far_LoA	-8,08293751	-0,069	0,314
CHR4	4774858	CHR4:4774858	SSF x Far_LoA	-11,5484642	-0,002	0,310
CHR4	4774860	CHR4:4774860	SSF x Far_LoA	-10,5335302	0,018	0,305
CHR4	4774862	CHR4:4774862	SSF x Far_LoA	-11,186186	-0,017	0,310
CHR4	4774865	CHR4:4774865	SSF x Far_LoA	-11,0148004	-0,055	0,309
CHR4	4786835	CHR4:4786835	SSF x Far_LoA	-11,2755064	-0,052	0,299
CHR4	4786937	CHR4:4786937	SSF x Far_LoA	-12,773431	0,018	0,301
CHR4	4787117	CHR4:4787117	SSF x Far_LoA	-11,1106159	0,100	0,288
CHR4	4793660	CHR4:4793660	SSF x Far_LoA	-10,7871469	-0,041	0,302
CHR4	4799829	CHR4:4799829	SSF x Far_LoA	-11,4061418	0,046	0,293
CHR4	4804331	CHR4:4804331	SSF x Far_LoA	-10,2308854	-0,044	0,309
CHR4	4804351	CHR4:4804351	SSF x Far_LoA	-9,13908658	-0,069	0,298
CHR4	4804367	CHR4:4804367	SSF x Far_LoA	-7,02405462	0,156	0,291
CHR4	4804524	CHR4:4804524	SSF x Far_LoA	-7,10147301	0,178	0,301
CHR4	4804621	CHR4:4804621	SSF x Far_LoA	-4,89670169	-0,153	0,310
CHR4	4814241	CHR4:4814241	SSF x Far_LoA	-11,1341947	-0,072	0,307
CHR4	4823382	CHR4:4823382	SSF x Far_LoA	-8,45247038	0,030	0,310
CHR4	4823435	CHR4:4823435	SSF x Far_LoA	-9,58843497	-0,090	0,295
CHR4	4825585	CHR4:4825585	SSF x Far_LoA	-9,40353977	0,037	0,301
CHR4	4825638	CHR4:4825638	SSF x Far_LoA	-9,9419392	0,082	0,308
CHR4	483126	CHR4:483126	SSF x Far_LoA	-10,0310905	-0,035	0,317
CHR4	483144	CHR4:483144	SSF x Far_LoA	-8,85802674	0,058	0,290
CHR4	484346	CHR4:484346	SSF x Far_LoA	-8,74621515	0,008	0,311
CHR4	484408	CHR4:484408	SSF x Far_LoA	-7,76406657	-0,020	0,306
CHR4	484435	CHR4:484435	SSF x Far_LoA	-10,1641779	-0,121	0,300
CHR4	4845622	CHR4:4845622	SSF x Far_LoA	-10,4028751	-0,013	0,314
CHR4	4845701	CHR4:4845701	SSF x Far_LoA	-8,47917456	-0,081	0,303
CHR4	4848917	CHR4:4848917	SSF x Far_LoA	-9,73305647	-0,058	0,307
CHR4	4848960	CHR4:4848960	SSF x Far_LoA	-9,33380532	0,051	0,315
CHR4	4848966	CHR4:4848966	SSF x Far_LoA	-10,1432023	0,059	0,302
CHR4	4849021	CHR4:4849021	SSF x Far_LoA	-10,7664305	-0,025	0,302
CHR4	4851668	CHR4:4851668	SSF x Far_LoA	-8,75765751	0,077	0,311
CHR4	4851729	CHR4:4851729	SSF x Far_LoA	-8,71513597	-0,006	0,309
CHR4	4852583	CHR4:4852583	SSF x Far_LoA	-8,12094642	0,111	0,306
CHR4	4852637	CHR4:4852637	SSF x Far_LoA	-11,3155076	-0,025	0,306

CHR4	485397	CHR4:485397	SSF x Far_LoA	-5,86403991	-0,051	0,308
CHR4	485442	CHR4:485442	SSF x Far_LoA	-9,77547307	-0,092	0,313
CHR4	4855290	CHR4:4855290	SSF x Far_LoA	-11,4728735	-0,025	0,296
CHR4	4859981	CHR4:4859981	SSF x Far_LoA	-8,55817929	0,077	0,303
CHR4	4862174	CHR4:4862174	SSF x Far_LoA	-7,20872618	-0,023	0,311
CHR4	4862241	CHR4:4862241	SSF x Far_LoA	-7,7349583	-0,093	0,299
CHR4	4866360	CHR4:4866360	SSF x Far_LoA	-11,685859	0,009	0,313
CHR4	4866386	CHR4:4866386	SSF x Far_LoA	-8,37127764	0,091	0,309
CHR4	4866417	CHR4:4866417	SSF x Far_LoA	-2,67144565	-0,170	0,308
CHR4	4866418	CHR4:4866418	SSF x Far_LoA	-9,60268559	0,083	0,288
CHR4	4869378	CHR4:4869378	SSF x Far_LoA	-4,01898238	-0,024	0,310
CHR4	4883073	CHR4:4883073	SSF x Far_LoA	-12,0204243	0,046	0,292
CHR4	4883078	CHR4:4883078	SSF x Far_LoA	-8,85037467	-0,105	0,304
CHR4	4885836	CHR4:4885836	SSF x Far_LoA	-9,87464162	0,064	0,308
CHR4	4890504	CHR4:4890504	SSF x Far_LoA	-9,12879555	-0,009	0,308
CHR4	4890557	CHR4:4890557	SSF x Far_LoA	-9,35671309	0,061	0,298
CHR4	4906203	CHR4:4906203	SSF x Far_LoA	-6,31983745	0,149	0,302
CHR4	4906224	CHR4:4906224	SSF x Far_LoA	-11,5718128	-0,088	0,303
CHR4	4906225	CHR4:4906225	SSF x Far_LoA	-11,7918288	-0,091	0,305
CHR4	4916368	CHR4:4916368	SSF x Far_LoA	-9,19617781	-0,131	0,309
CHR4	4919372	CHR4:4919372	SSF x Far_LoA	-9,70072226	-0,051	0,319
CHR4	4919431	CHR4:4919431	SSF x Far_LoA	-9,32523921	-0,064	0,293
CHR4	4922619	CHR4:4922619	SSF x Far_LoA	-8,900703	-0,059	0,296
CHR4	4922643	CHR4:4922643	SSF x Far_LoA	-6,46194112	-0,100	0,302
CHR4	4922804	CHR4:4922804	SSF x Far_LoA	-10,5747974	0,004	0,289
CHR4	4927950	CHR4:4927950	SSF x Far_LoA	-7,88039624	-0,009	0,318
CHR4	4928032	CHR4:4928032	SSF x Far_LoA	-10,1032489	-0,066	0,309
CHR4	4928064	CHR4:4928064	SSF x Far_LoA	-4,6004968	-0,100	0,312
CHR4	4928116	CHR4:4928116	SSF x Far_LoA	-9,0682185	0,038	0,311
CHR4	4928160	CHR4:4928160	SSF x Far_LoA	-10,0568554	-0,002	0,314
CHR4	4929881	CHR4:4929881	SSF x Far_LoA	-9,22860807	-0,002	0,321
CHR4	4929922	CHR4:4929922	SSF x Far_LoA	-9,42656624	0,005	0,307
CHR4	4939338	CHR4:4939338	SSF x Far_LoA	-10,3372226	0,062	0,314
CHR4	4939471	CHR4:4939471	SSF x Far_LoA	-9,61626044	-0,013	0,307
CHR4	4939476	CHR4:4939476	SSF x Far_LoA	-9,20749998	0,059	0,316
CHR4	4955270	CHR4:4955270	SSF x Far_LoA	-8,72855005	-0,057	0,314
CHR4	4955351	CHR4:4955351	SSF x Far_LoA	-7,00510111	0,237	0,281
CHR4	4955366	CHR4:4955366	SSF x Far_LoA	-4,96248578	-0,170	0,305
CHR4	4955410	CHR4:4955410	SSF x Far_LoA	-2,36503467	0,091	0,304
CHR4	4956569	CHR4:4956569	SSF x Far_LoA	-2,67400458	0,050	0,323
CHR4	4957266	CHR4:4957266	SSF x Far_LoA	-4,99220224	0,061	0,318
CHR4	4957296	CHR4:4957296	SSF x Far_LoA	-3,99851308	0,025	0,304
CHR4	4957321	CHR4:4957321	SSF x Far_LoA	-8,643447	-0,097	0,295
CHR4	4957326	CHR4:4957326	SSF x Far_LoA	-11,1806521	-0,038	0,309
CHR4	4957356	CHR4:4957356	SSF x Far_LoA	-11,9597117	0,000	0,295
CHR4	4957504	CHR4:4957504	SSF x Far_LoA	-10,7328696	-0,058	0,314
CHR4	4961052	CHR4:4961052	SSF x Far_LoA	-8,41797411	-0,049	0,307
CHR4	4961084	CHR4:4961084	SSF x Far_LoA	-6,05581919	-0,070	0,311
CHR4	4961087	CHR4:4961087	SSF x Far_LoA	-8,40571024	-0,090	0,296
CHR4	4965099	CHR4:4965099	SSF x Far_LoA	-11,7135247	-0,049	0,311
CHR4	4973025	CHR4:4973025	SSF x Far_LoA	-7,68108616	0,027	0,301
CHR4	4973037	CHR4:4973037	SSF x Far_LoA	-5,57090962	0,112	0,306
CHR4	4973052	CHR4:4973052	SSF x Far_LoA	-7,60787574	0,020	0,314

CHR4	4973089	CHR4:4973089	SSF x Far_LoA	-5,40935389	-0,138	0,292
CHR4	4973224	CHR4:4973224	SSF x Far_LoA	-9,20721917	-0,126	0,300
CHR4	4973281	CHR4:4973281	SSF x Far_LoA	-8,18493845	-0,099	0,298
CHR4	4977251	CHR4:4977251	SSF x Far_LoA	-9,43551924	-0,035	0,309
CHR4	4997732	CHR4:4997732	SSF x Far_LoA	-3,73448409	-0,036	0,313
CHR4	4997819	CHR4:4997819	SSF x Far_LoA	-9,80678544	-0,068	0,309
CHR4	4998958	CHR4:4998958	SSF x Far_LoA	-11,1730222	-0,054	0,321
CHR4	4999073	CHR4:4999073	SSF x Far_LoA	-7,3077953	-0,109	0,317
CHR4	5008578	CHR4:5008578	SSF x Far_LoA	-7,7863451	-0,040	0,306
CHR4	5009991	CHR4:5009991	SSF x Far_LoA	-10,8750951	0,049	0,303
CHR4	5010072	CHR4:5010072	SSF x Far_LoA	-10,9773547	0,021	0,312
CHR4	5010127	CHR4:5010127	SSF x Far_LoA	-10,6082333	0,029	0,307
CHR4	5010135	CHR4:5010135	SSF x Far_LoA	-5,59487574	0,070	0,308
CHR4	5013334	CHR4:5013334	SSF x Far_LoA	-10,3578384	-0,060	0,305
CHR4	5013345	CHR4:5013345	SSF x Far_LoA	-11,9147248	0,029	0,301
CHR4	5013362	CHR4:5013362	SSF x Far_LoA	-11,2587141	0,003	0,293
CHR4	5013453	CHR4:5013453	SSF x Far_LoA	-6,65897473	-0,131	0,302
CHR4	5013487	CHR4:5013487	SSF x Far_LoA	-0,61087817	-0,090	0,303
CHR4	5013528	CHR4:5013528	SSF x Far_LoA	-10,5883125	0,039	0,316
CHR4	5013569	CHR4:5013569	SSF x Far_LoA	-5,27906961	0,080	0,305
CHR4	5013599	CHR4:5013599	SSF x Far_LoA	-9,84255995	-0,055	0,313
CHR4	501869	CHR4:501869	SSF x Far_LoA	-10,4211404	-0,001	0,323
CHR4	501959	CHR4:501959	SSF x Far_LoA	-9,36214102	-0,022	0,305
CHR4	5024411	CHR4:5024411	SSF x Far_LoA	-9,89264643	0,098	0,316
CHR4	5024426	CHR4:5024426	SSF x Far_LoA	-10,0434125	-0,029	0,307
CHR4	5024472	CHR4:5024472	SSF x Far_LoA	-9,654482	0,014	0,307
CHR4	5026183	CHR4:5026183	SSF x Far_LoA	-10,5958894	-0,071	0,305
CHR4	5026306	CHR4:5026306	SSF x Far_LoA	-10,0108726	-0,015	0,317
CHR4	5026325	CHR4:5026325	SSF x Far_LoA	-8,70023922	0,090	0,298
CHR4	5027970	CHR4:5027970	SSF x Far_LoA	-7,21973019	0,007	0,316
CHR4	5027998	CHR4:5027998	SSF x Far_LoA	-10,9559848	0,029	0,312
CHR4	5028004	CHR4:5028004	SSF x Far_LoA	-8,44326359	0,051	0,314
CHR4	5030595	CHR4:5030595	SSF x Far_LoA	-8,88025572	0,096	0,300
CHR4	5030605	CHR4:5030605	SSF x Far_LoA	-9,41200725	-0,206	0,286
CHR4	5030683	CHR4:5030683	SSF x Far_LoA	-8,6731545	0,010	0,311
CHR4	5030843	CHR4:5030843	SSF x Far_LoA	-8,17357083	-0,012	0,306
CHR4	5030872	CHR4:5030872	SSF x Far_LoA	-8,84321937	-0,062	0,308
CHR4	5036448	CHR4:5036448	SSF x Far_LoA	-9,31798276	0,067	0,317
CHR4	5036472	CHR4:5036472	SSF x Far_LoA	-5,52108087	0,170	0,303
CHR4	5036510	CHR4:5036510	SSF x Far_LoA	-8,0951592	0,103	0,310
CHR4	5050350	CHR4:5050350	SSF x Far_LoA	-7,40075918	0,113	0,310
CHR4	5050466	CHR4:5050466	SSF x Far_LoA	-8,48928112	0,094	0,307
CHR4	5055078	CHR4:5055078	SSF x Far_LoA	3,89016765	-0,143	0,294
CHR4	5055085	CHR4:5055085	SSF x Far_LoA	-9,4576367	0,008	0,305
CHR4	5055123	CHR4:5055123	SSF x Far_LoA	-10,2549045	-0,040	0,312
CHR4	5066200	CHR4:5066200	SSF x Far_LoA	-7,8017666	-0,088	0,311
CHR4	5066245	CHR4:5066245	SSF x Far_LoA	-8,51869594	0,096	0,294
CHR4	5066307	CHR4:5066307	SSF x Far_LoA	-10,5736072	-0,018	0,295
CHR4	5075300	CHR4:5075300	SSF x Far_LoA	-7,3646587	0,164	0,308
CHR4	5086346	CHR4:5086346	SSF x Far_LoA	-12,2242535	0,099	0,288
CHR4	5086497	CHR4:5086497	SSF x Far_LoA	-7,10418114	0,080	0,313
CHR4	5093203	CHR4:5093203	SSF x Far_LoA	-11,2670765	-0,059	0,310
CHR4	5116018	CHR4:5116018	SSF x Far_LoA	-9,59830485	0,012	0,297

CHR4	5116060	CHR4:5116060	SSF x Far_LoA	-9,36074999	-0,048	0,306
CHR4	5120488	CHR4:5120488	SSF x Far_LoA	-11,6588853	0,028	0,316
CHR4	513566	CHR4:513566	SSF x Far_LoA	-8,20640784	0,051	0,305
CHR4	5139489	CHR4:5139489	SSF x Far_LoA	-12,0701145	-0,031	0,307
CHR4	5139571	CHR4:5139571	SSF x Far_LoA	-8,93852088	-0,073	0,311
CHR4	5139575	CHR4:5139575	SSF x Far_LoA	-8,57447129	-0,034	0,318
CHR4	5139589	CHR4:5139589	SSF x Far_LoA	-8,55582143	-0,057	0,312
CHR4	5139625	CHR4:5139625	SSF x Far_LoA	-9,70574445	0,018	0,304
CHR4	5139658	CHR4:5139658	SSF x Far_LoA	-12,0647087	-0,035	0,309
CHR4	5139661	CHR4:5139661	SSF x Far_LoA	-7,09966833	-0,034	0,290
CHR4	5139676	CHR4:5139676	SSF x Far_LoA	-9,76531503	-0,089	0,300
CHR4	5139765	CHR4:5139765	SSF x Far_LoA	-9,86280241	-0,039	0,303
CHR4	5139766	CHR4:5139766	SSF x Far_LoA	-9,55402798	-0,050	0,304
CHR4	5139774	CHR4:5139774	SSF x Far_LoA	-9,15641392	-0,038	0,320
CHR4	5145991	CHR4:5145991	SSF x Far_LoA	-8,86091351	0,135	0,299
CHR4	5146049	CHR4:5146049	SSF x Far_LoA	-10,6117758	0,017	0,310
CHR4	5146111	CHR4:5146111	SSF x Far_LoA	-7,95632583	0,100	0,310
CHR4	5146127	CHR4:5146127	SSF x Far_LoA	-5,47421214	0,015	0,318
CHR4	5153013	CHR4:5153013	SSF x Far_LoA	-9,30773551	-0,003	0,295
CHR4	5153017	CHR4:5153017	SSF x Far_LoA	-8,87298546	0,015	0,314
CHR4	5153889	CHR4:5153889	SSF x Far_LoA	-10,9081437	-0,040	0,300
CHR4	5153930	CHR4:5153930	SSF x Far_LoA	-8,30379208	-0,057	0,320
CHR4	5155130	CHR4:5155130	SSF x Far_LoA	-8,71341028	-0,049	0,313
CHR4	5155165	CHR4:5155165	SSF x Far_LoA	-10,3451107	0,078	0,309
CHR4	5155166	CHR4:5155166	SSF x Far_LoA	-10,6872063	0,089	0,311
CHR4	5155512	CHR4:5155512	SSF x Far_LoA	-10,9978015	-0,026	0,303
CHR4	5155525	CHR4:5155525	SSF x Far_LoA	-7,35640223	-0,085	0,306
CHR4	5155547	CHR4:5155547	SSF x Far_LoA	-8,86274487	-0,082	0,304
CHR4	5155564	CHR4:5155564	SSF x Far_LoA	-9,32597116	-0,121	0,309
CHR4	5155565	CHR4:5155565	SSF x Far_LoA	-11,1756875	-0,020	0,316
CHR4	5155601	CHR4:5155601	SSF x Far_LoA	-9,04568015	-0,089	0,309
CHR4	5159494	CHR4:5159494	SSF x Far_LoA	-9,98304126	0,129	0,314
CHR4	5159556	CHR4:5159556	SSF x Far_LoA	-7,34906452	0,158	0,296
CHR4	5161124	CHR4:5161124	SSF x Far_LoA	-8,7992196	0,052	0,308
CHR4	5161138	CHR4:5161138	SSF x Far_LoA	-8,66845478	-0,120	0,306
CHR4	5165441	CHR4:5165441	SSF x Far_LoA	-2,32001069	0,039	0,313
CHR4	5166651	CHR4:5166651	SSF x Far_LoA	-0,38057626	-0,052	0,315
CHR4	5176527	CHR4:5176527	SSF x Far_LoA	-8,68386711	0,019	0,327
CHR4	5176795	CHR4:5176795	SSF x Far_LoA	-10,9301968	0,020	0,309
CHR4	5176812	CHR4:5176812	SSF x Far_LoA	-9,46756575	-0,002	0,311
CHR4	5180643	CHR4:5180643	SSF x Far_LoA	-8,80200748	0,014	0,318
CHR4	5180663	CHR4:5180663	SSF x Far_LoA	2,69487047	0,075	0,305
CHR4	5183751	CHR4:5183751	SSF x Far_LoA	-11,1871242	0,067	0,294
CHR4	5184056	CHR4:5184056	SSF x Far_LoA	-10,6108015	-0,099	0,315
CHR4	5184065	CHR4:5184065	SSF x Far_LoA	-9,04360667	0,012	0,311
CHR4	5185715	CHR4:5185715	SSF x Far_LoA	-10,5750928	0,031	0,295
CHR4	5185914	CHR4:5185914	SSF x Far_LoA	-7,75078104	0,140	0,286
CHR4	5185927	CHR4:5185927	SSF x Far_LoA	-7,21479848	-0,011	0,310
CHR4	5188280	CHR4:5188280	SSF x Far_LoA	-7,08944788	-0,001	0,316
CHR4	5189941	CHR4:5189941	SSF x Far_LoA	-11,4595625	0,069	0,299
CHR4	5189992	CHR4:5189992	SSF x Far_LoA	-11,0787368	0,005	0,303
CHR4	5189993	CHR4:5189993	SSF x Far_LoA	-11,4194579	0,011	0,301
CHR4	5193054	CHR4:5193054	SSF x Far_LoA	-9,96396682	-0,027	0,309

CHR4	5193138	CHR4:5193138	SSF x Far_LoA	-9,45488069	0,007	0,300
CHR4	5193231	CHR4:5193231	SSF x Far_LoA	-12,0448146	0,012	0,306
CHR4	5193257	CHR4:5193257	SSF x Far_LoA	-10,4263818	-0,090	0,299
CHR4	5193302	CHR4:5193302	SSF x Far_LoA	-6,68369823	0,012	0,326
CHR4	5197831	CHR4:5197831	SSF x Far_LoA	-11,5791304	-0,022	0,310
CHR4	5207458	CHR4:5207458	SSF x Far_LoA	-10,5615774	0,000	0,316
CHR4	5207469	CHR4:5207469	SSF x Far_LoA	-8,51890005	-0,023	0,295
CHR4	5210216	CHR4:5210216	SSF x Far_LoA	-8,83902934	-0,117	0,301
CHR4	5216703	CHR4:5216703	SSF x Far_LoA	-8,5655945	-0,035	0,314
CHR4	5216709	CHR4:5216709	SSF x Far_LoA	-6,80227075	0,129	0,294
CHR4	5220046	CHR4:5220046	SSF x Far_LoA	-10,7762794	-0,026	0,298
CHR4	5221729	CHR4:5221729	SSF x Far_LoA	-10,2562188	-0,057	0,313
CHR4	5221734	CHR4:5221734	SSF x Far_LoA	-10,209847	0,062	0,316
CHR4	5221760	CHR4:5221760	SSF x Far_LoA	-9,84711474	0,083	0,311
CHR4	5221841	CHR4:5221841	SSF x Far_LoA	-10,6577904	0,094	0,297
CHR4	5221852	CHR4:5221852	SSF x Far_LoA	-9,58514229	0,064	0,318
CHR4	5224920	CHR4:5224920	SSF x Far_LoA	-10,3200593	0,073	0,310
CHR4	5225035	CHR4:5225035	SSF x Far_LoA	-9,70025386	-0,048	0,316
CHR4	5229463	CHR4:5229463	SSF x Far_LoA	-9,06380128	0,000	0,304
CHR4	5229495	CHR4:5229495	SSF x Far_LoA	-8,16715239	0,065	0,305
CHR4	5229500	CHR4:5229500	SSF x Far_LoA	-11,263108	-0,034	0,309
CHR4	5229504	CHR4:5229504	SSF x Far_LoA	-9,88152846	0,039	0,304
CHR4	5229569	CHR4:5229569	SSF x Far_LoA	-10,6031104	0,066	0,307
CHR4	5229663	CHR4:5229663	SSF x Far_LoA	-11,1719601	-0,054	0,306
CHR4	5232201	CHR4:5232201	SSF x Far_LoA	-7,66891578	0,023	0,316
CHR4	5232308	CHR4:5232308	SSF x Far_LoA	-9,34218201	-0,003	0,308
CHR4	5232366	CHR4:5232366	SSF x Far_LoA	-9,70906555	-0,041	0,306
CHR4	5232442	CHR4:5232442	SSF x Far_LoA	-7,50916829	0,029	0,303
CHR4	5235244	CHR4:5235244	SSF x Far_LoA	-10,7501973	-0,053	0,318
CHR4	5235307	CHR4:5235307	SSF x Far_LoA	-9,6555982	0,011	0,294
CHR4	5235325	CHR4:5235325	SSF x Far_LoA	-11,1649679	0,007	0,305
CHR4	5244871	CHR4:5244871	SSF x Far_LoA	-11,8517268	0,054	0,300
CHR4	5244873	CHR4:5244873	SSF x Far_LoA	-9,00012464	0,038	0,310
CHR4	5244874	CHR4:5244874	SSF x Far_LoA	-10,2464946	0,062	0,301
CHR4	5247671	CHR4:5247671	SSF x Far_LoA	-9,46454638	0,032	0,318
CHR4	5249300	CHR4:5249300	SSF x Far_LoA	-12,2611916	0,043	0,305
CHR4	5250887	CHR4:5250887	SSF x Far_LoA	-8,6445389	0,197	0,289
CHR4	5250928	CHR4:5250928	SSF x Far_LoA	-11,7015164	-0,021	0,297
CHR4	5253946	CHR4:5253946	SSF x Far_LoA	-10,6321259	-0,042	0,308
CHR4	5254037	CHR4:5254037	SSF x Far_LoA	-11,3135309	0,087	0,298
CHR4	5272511	CHR4:5272511	SSF x Far_LoA	-11,7403624	-0,062	0,299
CHR4	5272533	CHR4:5272533	SSF x Far_LoA	-9,00331515	-0,016	0,314
CHR4	5272583	CHR4:5272583	SSF x Far_LoA	-9,09143006	-0,022	0,319
CHR4	5287999	CHR4:5287999	SSF x Far_LoA	-7,83866101	-0,033	0,307
CHR4	5288764	CHR4:5288764	SSF x Far_LoA	-11,4003214	0,065	0,307
CHR4	5292621	CHR4:5292621	SSF x Far_LoA	-12,0657602	-0,035	0,299
CHR4	5292631	CHR4:5292631	SSF x Far_LoA	-6,5103231	-0,041	0,304
CHR4	5300779	CHR4:5300779	SSF x Far_LoA	-11,7640517	-0,057	0,305
CHR4	5300904	CHR4:5300904	SSF x Far_LoA	-7,54041335	0,071	0,306
CHR4	5300916	CHR4:5300916	SSF x Far_LoA	-10,7444338	0,031	0,299
CHR4	5300928	CHR4:5300928	SSF x Far_LoA	-10,0697009	0,023	0,309
CHR4	5300948	CHR4:5300948	SSF x Far_LoA	-8,68976542	0,064	0,299
CHR4	5300951	CHR4:5300951	SSF x Far_LoA	-8,61582063	-0,098	0,293

CHR4	5300976	CHR4:5300976	SSF x Far_LoA	-7,10035489	-0,121	0,307
CHR4	5302235	CHR4:5302235	SSF x Far_LoA	-7,78735919	0,109	0,311
CHR4	5302238	CHR4:5302238	SSF x Far_LoA	-9,59607659	-0,012	0,325
CHR4	5306273	CHR4:5306273	SSF x Far_LoA	-8,71985968	0,005	0,291
CHR4	5306419	CHR4:5306419	SSF x Far_LoA	-10,6146114	-0,061	0,311
CHR4	5306619	CHR4:5306619	SSF x Far_LoA	-0,4540581	-0,044	0,307
CHR4	5306630	CHR4:5306630	SSF x Far_LoA	-10,6911416	-0,105	0,308
CHR4	5314911	CHR4:5314911	SSF x Far_LoA	-8,35099146	-0,172	0,304
CHR4	5337956	CHR4:5337956	SSF x Far_LoA	-10,0197149	-0,070	0,301
CHR4	5338070	CHR4:5338070	SSF x Far_LoA	-8,50247934	-0,005	0,307
CHR4	5338086	CHR4:5338086	SSF x Far_LoA	-8,71725373	-0,043	0,306
CHR4	5338132	CHR4:5338132	SSF x Far_LoA	-9,97838079	-0,038	0,303
CHR4	5338157	CHR4:5338157	SSF x Far_LoA	-10,4922373	0,057	0,308
CHR4	5338181	CHR4:5338181	SSF x Far_LoA	-9,99511847	-0,102	0,312
CHR4	5338219	CHR4:5338219	SSF x Far_LoA	-11,5908123	0,010	0,309
CHR4	5344833	CHR4:5344833	SSF x Far_LoA	-10,134677	-0,021	0,303
CHR4	5344840	CHR4:5344840	SSF x Far_LoA	-1,11227945	0,121	0,299
CHR4	5344841	CHR4:5344841	SSF x Far_LoA	-7,45941283	0,122	0,294
CHR4	5344921	CHR4:5344921	SSF x Far_LoA	-7,76827738	0,061	0,314
CHR4	5344922	CHR4:5344922	SSF x Far_LoA	-9,62030113	-0,026	0,295
CHR4	5354043	CHR4:5354043	SSF x Far_LoA	-10,8196297	-0,008	0,295
CHR4	5354083	CHR4:5354083	SSF x Far_LoA	-11,3367034	-0,032	0,303
CHR4	5354147	CHR4:5354147	SSF x Far_LoA	-8,24763901	-0,099	0,293
CHR4	5362832	CHR4:5362832	SSF x Far_LoA	-10,9463703	0,076	0,298
CHR4	5362883	CHR4:5362883	SSF x Far_LoA	-8,63641486	-0,052	0,305
CHR4	5362911	CHR4:5362911	SSF x Far_LoA	-8,87702668	0,044	0,319
CHR4	5367594	CHR4:5367594	SSF x Far_LoA	-8,2502781	-0,100	0,320
CHR4	5367804	CHR4:5367804	SSF x Far_LoA	-11,0958702	-0,043	0,314
CHR4	5372249	CHR4:5372249	SSF x Far_LoA	-12,4413659	-0,001	0,305
CHR4	5378862	CHR4:5378862	SSF x Far_LoA	-5,76911764	-0,191	0,296
CHR4	5378909	CHR4:5378909	SSF x Far_LoA	-9,42752784	0,030	0,301
CHR4	5378949	CHR4:5378949	SSF x Far_LoA	-8,95559487	0,106	0,308
CHR4	5378954	CHR4:5378954	SSF x Far_LoA	-6,99487108	-0,137	0,295
CHR4	537922	CHR4:537922	SSF x Far_LoA	-6,89210397	0,000	0,302
CHR4	537931	CHR4:537931	SSF x Far_LoA	-3,75796598	-0,212	0,304
CHR4	53819	CHR4:53819	SSF x Far_LoA	-9,64030601	-0,009	0,304
CHR4	5386171	CHR4:5386171	SSF x Far_LoA	-10,4853849	-0,023	0,308
CHR4	5391204	CHR4:5391204	SSF x Far_LoA	-8,94382342	-0,089	0,304
CHR4	5395389	CHR4:5395389	SSF x Far_LoA	-8,81520134	0,136	0,295
CHR4	5406337	CHR4:5406337	SSF x Far_LoA	-8,14346559	0,084	0,302
CHR4	5406392	CHR4:5406392	SSF x Far_LoA	-9,67199744	0,127	0,299
CHR4	5406442	CHR4:5406442	SSF x Far_LoA	-10,9583952	0,094	0,302
CHR4	5406493	CHR4:5406493	SSF x Far_LoA	-9,36563549	0,000	0,305
CHR4	5406533	CHR4:5406533	SSF x Far_LoA	-9,74891759	0,018	0,302
CHR4	5412259	CHR4:5412259	SSF x Far_LoA	-9,3952251	0,049	0,300
CHR4	5412566	CHR4:5412566	SSF x Far_LoA	-9,22134584	-0,129	0,314
CHR4	5422369	CHR4:5422369	SSF x Far_LoA	-11,6394323	-0,031	0,299
CHR4	5422565	CHR4:5422565	SSF x Far_LoA	-6,36708602	-0,082	0,293
CHR4	5427344	CHR4:5427344	SSF x Far_LoA	-10,8608819	-0,026	0,325
CHR4	5427820	CHR4:5427820	SSF x Far_LoA	-9,98982102	0,067	0,295
CHR4	5439157	CHR4:5439157	SSF x Far_LoA	-8,95933101	0,007	0,319
CHR4	5466058	CHR4:5466058	SSF x Far_LoA	-11,2421881	0,061	0,303
CHR4	5466207	CHR4:5466207	SSF x Far_LoA	-8,55112569	-0,021	0,301

CHR4	5466247	CHR4:5466247	SSF x Far_LoA	-10,639766	0,024	0,317
CHR4	5466293	CHR4:5466293	SSF x Far_LoA	-2,85115764	0,011	0,305
CHR4	5496464	CHR4:5496464	SSF x Far_LoA	-9,4042379	-0,026	0,296
CHR4	5496528	CHR4:5496528	SSF x Far_LoA	-10,4061657	0,045	0,310
CHR4	5502253	CHR4:5502253	SSF x Far_LoA	-9,06581058	0,041	0,302
CHR4	5512921	CHR4:5512921	SSF x Far_LoA	-11,971097	-0,002	0,303
CHR4	5513095	CHR4:5513095	SSF x Far_LoA	-9,24026035	0,022	0,288
CHR4	5517463	CHR4:5517463	SSF x Far_LoA	-11,9825119	0,087	0,282
CHR4	5518153	CHR4:5518153	SSF x Far_LoA	-7,48097281	-0,077	0,306
CHR4	5518157	CHR4:5518157	SSF x Far_LoA	-8,16961177	-0,086	0,307
CHR4	5518159	CHR4:5518159	SSF x Far_LoA	-7,33984829	-0,064	0,322
CHR4	5518200	CHR4:5518200	SSF x Far_LoA	-5,7996924	0,167	0,305
CHR4	5518266	CHR4:5518266	SSF x Far_LoA	-8,03407954	-0,163	0,296
CHR4	552062	CHR4:552062	SSF x Far_LoA	-8,41164307	-0,128	0,297
CHR4	552078	CHR4:552078	SSF x Far_LoA	-6,92401048	-0,125	0,292
CHR4	552283	CHR4:552283	SSF x Far_LoA	-9,43867405	0,073	0,303
CHR4	5525420	CHR4:5525420	SSF x Far_LoA	-10,3325094	-0,016	0,315
CHR4	5528869	CHR4:5528869	SSF x Far_LoA	-3,5958415	-0,163	0,290
CHR4	5528979	CHR4:5528979	SSF x Far_LoA	-7,82759851	0,012	0,317
CHR4	5541502	CHR4:5541502	SSF x Far_LoA	-7,68919835	-0,098	0,303
CHR4	5541541	CHR4:5541541	SSF x Far_LoA	-9,28592632	0,084	0,305
CHR4	5541651	CHR4:5541651	SSF x Far_LoA	-11,1099682	0,140	0,285
CHR4	5541760	CHR4:5541760	SSF x Far_LoA	-10,8200376	-0,026	0,292
CHR4	5553933	CHR4:5553933	SSF x Far_LoA	-6,46171145	-0,147	0,304
CHR4	5553971	CHR4:5553971	SSF x Far_LoA	-8,61507563	0,090	0,301
CHR4	5553990	CHR4:5553990	SSF x Far_LoA	-10,9336806	0,011	0,309
CHR4	5564720	CHR4:5564720	SSF x Far_LoA	-6,01726676	0,109	0,303
CHR4	5565195	CHR4:5565195	SSF x Far_LoA	-8,70579629	-0,162	0,306
CHR4	5565262	CHR4:5565262	SSF x Far_LoA	-9,78916521	0,101	0,308
CHR4	5565311	CHR4:5565311	SSF x Far_LoA	-9,78802959	-0,105	0,303
CHR4	5565337	CHR4:5565337	SSF x Far_LoA	-8,33878034	0,110	0,305
CHR4	5591024	CHR4:5591024	SSF x Far_LoA	-9,28462411	-0,045	0,301
CHR4	5591043	CHR4:5591043	SSF x Far_LoA	-9,96599855	0,073	0,289
CHR4	5591046	CHR4:5591046	SSF x Far_LoA	-7,8100193	-0,012	0,304
CHR4	5591070	CHR4:5591070	SSF x Far_LoA	-8,66442081	0,025	0,309
CHR4	5591178	CHR4:5591178	SSF x Far_LoA	-8,38318521	0,061	0,304
CHR4	5591221	CHR4:5591221	SSF x Far_LoA	-7,1870345	-0,104	0,312
CHR4	5598351	CHR4:5598351	SSF x Far_LoA	-9,19386157	0,034	0,305
CHR4	5598406	CHR4:5598406	SSF x Far_LoA	-9,31904061	0,043	0,308
CHR4	5598411	CHR4:5598411	SSF x Far_LoA	-9,79723095	-0,027	0,297
CHR4	5598442	CHR4:5598442	SSF x Far_LoA	-10,3459689	-0,020	0,294
CHR4	5598444	CHR4:5598444	SSF x Far_LoA	-4,50916341	0,060	0,310
CHR4	5603680	CHR4:5603680	SSF x Far_LoA	-2,69063519	0,126	0,307
CHR4	5603681	CHR4:5603681	SSF x Far_LoA	-9,24460343	0,141	0,300
CHR4	5606227	CHR4:5606227	SSF x Far_LoA	-10,3862132	0,055	0,314
CHR4	561876	CHR4:561876	SSF x Far_LoA	-8,51752228	0,093	0,304
CHR4	5626645	CHR4:5626645	SSF x Far_LoA	-6,33350185	-0,038	0,315
CHR4	565567	CHR4:565567	SSF x Far_LoA	-10,412293	0,056	0,308
CHR4	5660738	CHR4:5660738	SSF x Far_LoA	-9,7206507	-0,011	0,298
CHR4	5660789	CHR4:5660789	SSF x Far_LoA	-9,00880202	-0,106	0,306
CHR4	5660839	CHR4:5660839	SSF x Far_LoA	-11,7697292	-0,051	0,294
CHR4	5665442	CHR4:5665442	SSF x Far_LoA	-8,48712152	-0,132	0,309
CHR4	5670100	CHR4:5670100	SSF x Far_LoA	-10,3451671	-0,156	0,314

CHR4	5670112	CHR4:5670112	SSF x Far_LoA	-6,78739302	-0,142	0,304
CHR4	5679269	CHR4:5679269	SSF x Far_LoA	-6,4937463	-0,109	0,317
CHR4	5679349	CHR4:5679349	SSF x Far_LoA	-6,9536757	0,025	0,330
CHR4	5679356	CHR4:5679356	SSF x Far_LoA	-9,14891126	0,013	0,295
CHR4	5679358	CHR4:5679358	SSF x Far_LoA	-11,1540495	-0,080	0,314
CHR4	5680679	CHR4:5680679	SSF x Far_LoA	-9,87367709	-0,006	0,310
CHR4	5684611	CHR4:5684611	SSF x Far_LoA	-10,7653365	-0,055	0,298
CHR4	5684738	CHR4:5684738	SSF x Far_LoA	-11,6100745	0,058	0,308
CHR4	5684857	CHR4:5684857	SSF x Far_LoA	-9,60676652	0,008	0,299
CHR4	5684867	CHR4:5684867	SSF x Far_LoA	-8,98829729	0,053	0,299
CHR4	5684891	CHR4:5684891	SSF x Far_LoA	-9,45744867	0,008	0,315
CHR4	5689589	CHR4:5689589	SSF x Far_LoA	-11,7163939	0,063	0,285
CHR4	5689667	CHR4:5689667	SSF x Far_LoA	-9,23135016	0,102	0,312
CHR4	5694735	CHR4:5694735	SSF x Far_LoA	-9,24066703	0,014	0,320
CHR4	5696272	CHR4:5696272	SSF x Far_LoA	-11,8896091	0,014	0,296
CHR4	5696363	CHR4:5696363	SSF x Far_LoA	-9,09334881	-0,176	0,304
CHR4	5696379	CHR4:5696379	SSF x Far_LoA	-4,63893495	0,045	0,303
CHR4	5704714	CHR4:5704714	SSF x Far_LoA	-10,5040107	0,041	0,308
CHR4	570702	CHR4:570702	SSF x Far_LoA	-11,5273664	-0,014	0,315
CHR4	5711857	CHR4:5711857	SSF x Far_LoA	-10,9287406	-0,043	0,314
CHR4	5711892	CHR4:5711892	SSF x Far_LoA	-10,7998251	-0,033	0,301
CHR4	5717928	CHR4:5717928	SSF x Far_LoA	-8,39403454	0,029	0,294
CHR4	5721074	CHR4:5721074	SSF x Far_LoA	-8,02514472	-0,098	0,305
CHR4	5721142	CHR4:5721142	SSF x Far_LoA	-10,2409994	0,052	0,304
CHR4	5721153	CHR4:5721153	SSF x Far_LoA	-11,8396664	-0,029	0,311
CHR4	5721221	CHR4:5721221	SSF x Far_LoA	-10,4184783	-0,026	0,318
CHR4	5721263	CHR4:5721263	SSF x Far_LoA	-9,26028558	-0,046	0,305
CHR4	5721278	CHR4:5721278	SSF x Far_LoA	-8,3173929	0,013	0,295
CHR4	5721284	CHR4:5721284	SSF x Far_LoA	-8,75414548	-0,076	0,298
CHR4	5729750	CHR4:5729750	SSF x Far_LoA	-11,8158468	-0,032	0,297
CHR4	5729993	CHR4:5729993	SSF x Far_LoA	-8,60010708	-0,110	0,305
CHR4	5730044	CHR4:5730044	SSF x Far_LoA	-8,92006817	-0,038	0,316
CHR4	5739819	CHR4:5739819	SSF x Far_LoA	-4,67857868	-0,087	0,304
CHR4	5739882	CHR4:5739882	SSF x Far_LoA	-7,1895393	0,106	0,324
CHR4	5743782	CHR4:5743782	SSF x Far_LoA	-6,87480645	-0,075	0,289
CHR4	5744914	CHR4:5744914	SSF x Far_LoA	-9,69211754	0,105	0,306
CHR4	5744931	CHR4:5744931	SSF x Far_LoA	-9,37794518	0,038	0,312
CHR4	5744934	CHR4:5744934	SSF x Far_LoA	-9,18355687	0,067	0,291
CHR4	5744937	CHR4:5744937	SSF x Far_LoA	-10,4721339	0,060	0,303
CHR4	5758387	CHR4:5758387	SSF x Far_LoA	-8,89236458	0,125	0,298
CHR4	5759127	CHR4:5759127	SSF x Far_LoA	-7,62650873	-0,149	0,291
CHR4	5759146	CHR4:5759146	SSF x Far_LoA	-6,1137926	-0,125	0,291
CHR4	5759276	CHR4:5759276	SSF x Far_LoA	-11,031197	-0,058	0,295
CHR4	5762574	CHR4:5762574	SSF x Far_LoA	-5,51810223	0,035	0,301
CHR4	5783265	CHR4:5783265	SSF x Far_LoA	-9,44534988	-0,048	0,299
CHR4	5796382	CHR4:5796382	SSF x Far_LoA	-9,14980233	0,014	0,296
CHR4	5796390	CHR4:5796390	SSF x Far_LoA	-11,6471293	-0,070	0,309
CHR4	5796440	CHR4:5796440	SSF x Far_LoA	-7,71559264	-0,013	0,317
CHR4	5796513	CHR4:5796513	SSF x Far_LoA	-11,5608672	0,035	0,302
CHR4	5796548	CHR4:5796548	SSF x Far_LoA	-8,44574667	0,087	0,311
CHR4	5808383	CHR4:5808383	SSF x Far_LoA	-9,84501107	-0,046	0,301
CHR4	5808469	CHR4:5808469	SSF x Far_LoA	-8,56202283	-0,045	0,300
CHR4	5808470	CHR4:5808470	SSF x Far_LoA	-9,36304645	0,029	0,297

CHR4	5821443	CHR4:5821443	SSF x Far_LoA	-0,30155078	0,105	0,303
CHR4	5821477	CHR4:5821477	SSF x Far_LoA	-9,39423082	0,005	0,317
CHR4	5821530	CHR4:5821530	SSF x Far_LoA	-10,6056793	-0,021	0,290
CHR4	5821545	CHR4:5821545	SSF x Far_LoA	-11,7877309	0,019	0,295
CHR4	5821549	CHR4:5821549	SSF x Far_LoA	-8,94008976	0,061	0,307
CHR4	5821577	CHR4:5821577	SSF x Far_LoA	-7,79079323	-0,058	0,314
CHR4	5824124	CHR4:5824124	SSF x Far_LoA	-10,3267887	0,027	0,312
CHR4	5825570	CHR4:5825570	SSF x Far_LoA	-8,83989359	0,002	0,309
CHR4	5825608	CHR4:5825608	SSF x Far_LoA	-10,4540991	-0,039	0,311
CHR4	5825613	CHR4:5825613	SSF x Far_LoA	-11,7596482	0,009	0,317
CHR4	5828579	CHR4:5828579	SSF x Far_LoA	-10,9546648	-0,043	0,307
CHR4	5833707	CHR4:5833707	SSF x Far_LoA	-7,09870217	-0,097	0,310
CHR4	5833716	CHR4:5833716	SSF x Far_LoA	-8,36225566	-0,030	0,308
CHR4	5833786	CHR4:5833786	SSF x Far_LoA	-7,11010385	0,161	0,305
CHR4	5833788	CHR4:5833788	SSF x Far_LoA	-7,20631851	-0,033	0,307
CHR4	5833827	CHR4:5833827	SSF x Far_LoA	-11,6073829	0,054	0,303
CHR4	5833828	CHR4:5833828	SSF x Far_LoA	-10,700119	0,058	0,306
CHR4	5844922	CHR4:5844922	SSF x Far_LoA	-12,2640478	0,010	0,316
CHR4	5844932	CHR4:5844932	SSF x Far_LoA	-9,63256055	-0,093	0,295
CHR4	5844937	CHR4:5844937	SSF x Far_LoA	-8,8972831	-0,036	0,303
CHR4	5844960	CHR4:5844960	SSF x Far_LoA	-10,0938566	0,000	0,314
CHR4	5845018	CHR4:5845018	SSF x Far_LoA	-11,9662142	-0,005	0,318
CHR4	5845177	CHR4:5845177	SSF x Far_LoA	-7,17608548	0,130	0,302
CHR4	5848704	CHR4:5848704	SSF x Far_LoA	-7,35339129	-0,099	0,313
CHR4	5848705	CHR4:5848705	SSF x Far_LoA	-8,94205167	-0,097	0,298
CHR4	5848800	CHR4:5848800	SSF x Far_LoA	-10,8666152	-0,023	0,294
CHR4	5848832	CHR4:5848832	SSF x Far_LoA	-8,86223882	-0,138	0,305
CHR4	5881175	CHR4:5881175	SSF x Far_LoA	-9,61218024	-0,073	0,302
CHR4	5882066	CHR4:5882066	SSF x Far_LoA	-11,0153488	0,098	0,316
CHR4	5882163	CHR4:5882163	SSF x Far_LoA	-6,60667161	-0,004	0,313
CHR4	5882225	CHR4:5882225	SSF x Far_LoA	-8,64514732	-0,172	0,298
CHR4	5883348	CHR4:5883348	SSF x Far_LoA	-10,5224641	-0,115	0,302
CHR4	5883398	CHR4:5883398	SSF x Far_LoA	-9,24604213	0,036	0,295
CHR4	5887540	CHR4:5887540	SSF x Far_LoA	-8,84650727	-0,016	0,322
CHR4	5902936	CHR4:5902936	SSF x Far_LoA	-11,0436971	-0,091	0,290
CHR4	5911028	CHR4:5911028	SSF x Far_LoA	-8,46770343	0,031	0,298
CHR4	5911048	CHR4:5911048	SSF x Far_LoA	-7,63758872	-0,087	0,307
CHR4	5911052	CHR4:5911052	SSF x Far_LoA	-7,39153463	-0,106	0,304
CHR4	5911079	CHR4:5911079	SSF x Far_LoA	-11,8665484	-0,047	0,289
CHR4	5911098	CHR4:5911098	SSF x Far_LoA	-3,44894012	-0,010	0,304
CHR4	5921831	CHR4:5921831	SSF x Far_LoA	-10,4559085	-0,025	0,281
CHR4	5921893	CHR4:5921893	SSF x Far_LoA	-9,55643253	0,030	0,309
CHR4	5922084	CHR4:5922084	SSF x Far_LoA	-10,2153415	0,031	0,299
CHR4	5925204	CHR4:5925204	SSF x Far_LoA	-10,3337451	-0,040	0,309
CHR4	5925242	CHR4:5925242	SSF x Far_LoA	-9,11973486	0,038	0,307
CHR4	5925261	CHR4:5925261	SSF x Far_LoA	-9,92987989	-0,115	0,293
CHR4	5925268	CHR4:5925268	SSF x Far_LoA	-3,16488722	-0,082	0,316
CHR4	5936820	CHR4:5936820	SSF x Far_LoA	-5,77627518	-0,205	0,293
CHR4	5936823	CHR4:5936823	SSF x Far_LoA	-9,35572993	-0,169	0,290
CHR4	5936905	CHR4:5936905	SSF x Far_LoA	-8,68977478	0,077	0,311
CHR4	5936925	CHR4:5936925	SSF x Far_LoA	-8,38770516	-0,102	0,302
CHR4	5936926	CHR4:5936926	SSF x Far_LoA	-10,294518	-0,087	0,309
CHR4	5937924	CHR4:5937924	SSF x Far_LoA	-9,38553448	0,064	0,309

CHR4	5937936	CHR4:5937936	SSF x Far_LoA	-8,77460173	0,010	0,314
CHR4	5939642	CHR4:5939642	SSF x Far_LoA	-10,1495164	-0,011	0,305
CHR4	5939671	CHR4:5939671	SSF x Far_LoA	-10,3241047	-0,062	0,314
CHR4	5939680	CHR4:5939680	SSF x Far_LoA	-7,99735193	-0,033	0,323
CHR4	5939681	CHR4:5939681	SSF x Far_LoA	-8,22114104	0,016	0,319
CHR4	5939683	CHR4:5939683	SSF x Far_LoA	-9,11582155	-0,024	0,315
CHR4	5939696	CHR4:5939696	SSF x Far_LoA	-7,63069527	0,068	0,305
CHR4	5939866	CHR4:5939866	SSF x Far_LoA	-5,4567656	0,080	0,307
CHR4	5947310	CHR4:5947310	SSF x Far_LoA	-8,92680816	0,058	0,297
CHR4	5947392	CHR4:5947392	SSF x Far_LoA	-8,38137279	0,060	0,305
CHR4	5948784	CHR4:5948784	SSF x Far_LoA	-10,0273694	-0,038	0,321
CHR4	5948973	CHR4:5948973	SSF x Far_LoA	-8,46423097	0,008	0,311
CHR4	5949006	CHR4:5949006	SSF x Far_LoA	-9,25322758	0,133	0,298
CHR4	5953783	CHR4:5953783	SSF x Far_LoA	-10,5054127	0,110	0,299
CHR4	5958005	CHR4:5958005	SSF x Far_LoA	-10,1111062	0,007	0,296
CHR4	5958015	CHR4:5958015	SSF x Far_LoA	-10,9011754	-0,052	0,310
CHR4	5958064	CHR4:5958064	SSF x Far_LoA	-9,73749891	-0,023	0,313
CHR4	5958092	CHR4:5958092	SSF x Far_LoA	-5,23194311	0,013	0,303
CHR4	5958094	CHR4:5958094	SSF x Far_LoA	-11,0171632	-0,034	0,314
CHR4	5964704	CHR4:5964704	SSF x Far_LoA	-9,8119589	0,076	0,307
CHR4	5964952	CHR4:5964952	SSF x Far_LoA	-10,6923277	0,002	0,300
CHR4	5974083	CHR4:5974083	SSF x Far_LoA	-8,86063995	0,038	0,312
CHR4	5974178	CHR4:5974178	SSF x Far_LoA	-8,98511648	-0,053	0,292
CHR4	597829	CHR4:597829	SSF x Far_LoA	-11,349557	0,025	0,301
CHR4	597973	CHR4:597973	SSF x Far_LoA	-7,92209809	0,035	0,302
CHR4	598042	CHR4:598042	SSF x Far_LoA	-11,643286	0,015	0,311
CHR4	5998350	CHR4:5998350	SSF x Far_LoA	-9,01889367	0,081	0,291
CHR4	5998366	CHR4:5998366	SSF x Far_LoA	-8,46498254	0,058	0,302
CHR4	5998368	CHR4:5998368	SSF x Far_LoA	-8,12629115	-0,004	0,300
CHR4	5998404	CHR4:5998404	SSF x Far_LoA	-9,9464326	0,038	0,315
CHR4	5998480	CHR4:5998480	SSF x Far_LoA	-8,7993456	0,042	0,312
CHR4	6003182	CHR4:6003182	SSF x Far_LoA	0,20327269	-0,073	0,299
CHR4	6003380	CHR4:6003380	SSF x Far_LoA	-8,05385933	0,115	0,306
CHR4	6003424	CHR4:6003424	SSF x Far_LoA	-11,7054559	0,052	0,302
CHR4	6003427	CHR4:6003427	SSF x Far_LoA	-12,1496563	0,034	0,305
CHR4	6003441	CHR4:6003441	SSF x Far_LoA	-8,67359795	-0,013	0,310
CHR4	6003455	CHR4:6003455	SSF x Far_LoA	-9,08678631	0,013	0,304
CHR4	6022243	CHR4:6022243	SSF x Far_LoA	-4,14755497	-0,161	0,310
CHR4	6022259	CHR4:6022259	SSF x Far_LoA	-9,30929196	0,073	0,303
CHR4	6022289	CHR4:6022289	SSF x Far_LoA	-6,36957829	-0,088	0,298
CHR4	6022335	CHR4:6022335	SSF x Far_LoA	-9,64276771	0,075	0,309
CHR4	6035071	CHR4:6035071	SSF x Far_LoA	-10,8929965	0,019	0,306
CHR4	6035181	CHR4:6035181	SSF x Far_LoA	-9,54052345	-0,107	0,303
CHR4	6035232	CHR4:6035232	SSF x Far_LoA	-7,2143119	-0,092	0,297
CHR4	6035249	CHR4:6035249	SSF x Far_LoA	-9,402691	-0,073	0,297
CHR4	6035275	CHR4:6035275	SSF x Far_LoA	-9,84538082	-0,029	0,304
CHR4	6035282	CHR4:6035282	SSF x Far_LoA	-9,43627039	-0,013	0,314
CHR4	6035283	CHR4:6035283	SSF x Far_LoA	-9,27942127	0,040	0,295
CHR4	6052004	CHR4:6052004	SSF x Far_LoA	-8,63376997	0,116	0,301
CHR4	6077389	CHR4:6077389	SSF x Far_LoA	-8,95968534	0,004	0,307
CHR4	6077415	CHR4:6077415	SSF x Far_LoA	-6,87772102	0,045	0,315
CHR4	6077446	CHR4:6077446	SSF x Far_LoA	-9,13491631	0,022	0,305
CHR4	6077485	CHR4:6077485	SSF x Far_LoA	-8,32249601	-0,075	0,297

CHR4	6078977	CHR4:6078977	SSF x Far_LoA	-8,63833085	-0,038	0,304
CHR4	6078990	CHR4:6078990	SSF x Far_LoA	-7,84024037	-0,077	0,305
CHR4	6079007	CHR4:6079007	SSF x Far_LoA	-8,74542463	-0,093	0,319
CHR4	6079013	CHR4:6079013	SSF x Far_LoA	-8,1781165	0,185	0,290
CHR4	6090956	CHR4:6090956	SSF x Far_LoA	-9,02999031	-0,047	0,305
CHR4	6091055	CHR4:6091055	SSF x Far_LoA	-6,64354361	0,093	0,297
CHR4	6095579	CHR4:6095579	SSF x Far_LoA	-8,54138833	-0,065	0,314
CHR4	6095593	CHR4:6095593	SSF x Far_LoA	-10,7245315	-0,066	0,311
CHR4	6095636	CHR4:6095636	SSF x Far_LoA	-10,4148735	0,078	0,313
CHR4	6095782	CHR4:6095782	SSF x Far_LoA	-7,4607439	0,165	0,304
CHR4	6095784	CHR4:6095784	SSF x Far_LoA	-11,3273304	0,007	0,311
CHR4	6099458	CHR4:6099458	SSF x Far_LoA	-8,16902597	-0,100	0,296
CHR4	6099460	CHR4:6099460	SSF x Far_LoA	-5,59698161	-0,116	0,317
CHR4	6099467	CHR4:6099467	SSF x Far_LoA	-8,12444248	-0,113	0,301
CHR4	6101904	CHR4:6101904	SSF x Far_LoA	-9,57155238	0,093	0,298
CHR4	6105654	CHR4:6105654	SSF x Far_LoA	-9,74950835	-0,041	0,325
CHR4	6105685	CHR4:6105685	SSF x Far_LoA	-9,04729512	-0,019	0,305
CHR4	6105765	CHR4:6105765	SSF x Far_LoA	-10,0436293	0,092	0,312
CHR4	6105769	CHR4:6105769	SSF x Far_LoA	-9,69991511	-0,057	0,301
CHR4	6105818	CHR4:6105818	SSF x Far_LoA	-10,3423246	-0,072	0,308
CHR4	6105836	CHR4:6105836	SSF x Far_LoA	-8,60790414	0,125	0,293
CHR4	6105850	CHR4:6105850	SSF x Far_LoA	-8,45932367	-0,039	0,310
CHR4	6105857	CHR4:6105857	SSF x Far_LoA	-8,38212872	-0,052	0,306
CHR4	6105888	CHR4:6105888	SSF x Far_LoA	-9,76294414	-0,099	0,315
CHR4	6115207	CHR4:6115207	SSF x Far_LoA	-10,7238132	-0,039	0,294
CHR4	6115209	CHR4:6115209	SSF x Far_LoA	-11,1965124	0,003	0,290
CHR4	6115210	CHR4:6115210	SSF x Far_LoA	-8,90832726	-0,071	0,306
CHR4	6133359	CHR4:6133359	SSF x Far_LoA	-9,57612726	0,059	0,303
CHR4	6133368	CHR4:6133368	SSF x Far_LoA	-9,75588644	0,055	0,307
CHR4	6133695	CHR4:6133695	SSF x Far_LoA	-12,6368416	0,059	0,298
CHR4	6145586	CHR4:6145586	SSF x Far_LoA	-8,99212199	-0,051	0,302
CHR4	6145592	CHR4:6145592	SSF x Far_LoA	-8,64731338	-0,082	0,293
CHR4	6145599	CHR4:6145599	SSF x Far_LoA	-10,2534184	-0,054	0,306
CHR4	6145605	CHR4:6145605	SSF x Far_LoA	-6,66299615	-0,025	0,300
CHR4	6145607	CHR4:6145607	SSF x Far_LoA	-7,86661102	-0,064	0,279
CHR4	6145608	CHR4:6145608	SSF x Far_LoA	-7,7702125	-0,049	0,296
CHR4	6145661	CHR4:6145661	SSF x Far_LoA	-8,78535159	-0,023	0,310
CHR4	6145666	CHR4:6145666	SSF x Far_LoA	-8,86625066	-0,047	0,318
CHR4	6145700	CHR4:6145700	SSF x Far_LoA	-10,7233877	-0,044	0,308
CHR4	6145722	CHR4:6145722	SSF x Far_LoA	-11,0584123	-0,063	0,304
CHR4	6173398	CHR4:6173398	SSF x Far_LoA	-8,86210174	0,076	0,308
CHR4	6173460	CHR4:6173460	SSF x Far_LoA	-9,92377825	-0,065	0,301
CHR4	6209158	CHR4:6209158	SSF x Far_LoA	-9,78794962	0,037	0,300
CHR4	6209172	CHR4:6209172	SSF x Far_LoA	-10,4015212	-0,006	0,297
CHR4	6209318	CHR4:6209318	SSF x Far_LoA	-11,1596484	-0,016	0,309
CHR4	6209343	CHR4:6209343	SSF x Far_LoA	-9,04815762	-0,046	0,307
CHR4	6215436	CHR4:6215436	SSF x Far_LoA	-4,10690442	0,084	0,297
CHR4	6215479	CHR4:6215479	SSF x Far_LoA	-7,25943005	0,131	0,302
CHR4	6215573	CHR4:6215573	SSF x Far_LoA	-5,83696125	-0,075	0,305
CHR4	6215616	CHR4:6215616	SSF x Far_LoA	-7,9648256	-0,106	0,310
CHR4	6215667	CHR4:6215667	SSF x Far_LoA	-8,65160888	0,078	0,320
CHR4	6215672	CHR4:6215672	SSF x Far_LoA	-11,0535916	0,077	0,298
CHR4	6217573	CHR4:6217573	SSF x Far_LoA	-10,762143	-0,009	0,307

CHR4	6217656	CHR4:6217656	SSF x Far_LoA	-9,18656783	-0,142	0,309
CHR4	6217702	CHR4:6217702	SSF x Far_LoA	-10,017026	-0,079	0,308
CHR4	6223364	CHR4:6223364	SSF x Far_LoA	-9,34179202	-0,110	0,305
CHR4	6223385	CHR4:6223385	SSF x Far_LoA	-8,31772441	-0,025	0,313
CHR4	6223401	CHR4:6223401	SSF x Far_LoA	-9,06922968	-0,028	0,313
CHR4	6223508	CHR4:6223508	SSF x Far_LoA	-11,2372656	-0,027	0,309
CHR4	6226818	CHR4:6226818	SSF x Far_LoA	-8,03436757	0,110	0,298
CHR4	6235342	CHR4:6235342	SSF x Far_LoA	-9,15678211	-0,036	0,312
CHR4	6238398	CHR4:6238398	SSF x Far_LoA	-10,8782799	0,034	0,315
CHR4	6238506	CHR4:6238506	SSF x Far_LoA	-3,88089071	-0,033	0,309
CHR4	6238527	CHR4:6238527	SSF x Far_LoA	-10,0709177	-0,046	0,316
CHR4	6242704	CHR4:6242704	SSF x Far_LoA	-6,55672975	0,125	0,307
CHR4	6242756	CHR4:6242756	SSF x Far_LoA	-8,33078944	-0,068	0,306
CHR4	6242757	CHR4:6242757	SSF x Far_LoA	-8,23597322	0,118	0,303
CHR4	6242780	CHR4:6242780	SSF x Far_LoA	-7,03837478	0,120	0,293
CHR4	6243805	CHR4:6243805	SSF x Far_LoA	-8,48625032	0,096	0,304
CHR4	6243902	CHR4:6243902	SSF x Far_LoA	-6,94186176	-0,042	0,310
CHR4	6243912	CHR4:6243912	SSF x Far_LoA	-6,40123553	0,040	0,308
CHR4	6249062	CHR4:6249062	SSF x Far_LoA	-7,95135012	-0,135	0,302
CHR4	6252316	CHR4:6252316	SSF x Far_LoA	-6,76828521	0,046	0,308
CHR4	6252447	CHR4:6252447	SSF x Far_LoA	-11,0773722	0,052	0,293
CHR4	6252492	CHR4:6252492	SSF x Far_LoA	-5,38836739	-0,206	0,304
CHR4	6252535	CHR4:6252535	SSF x Far_LoA	-8,54762992	0,050	0,295
CHR4	6252563	CHR4:6252563	SSF x Far_LoA	-9,46164344	0,110	0,305
CHR4	6255773	CHR4:6255773	SSF x Far_LoA	-9,14294093	0,008	0,304
CHR4	6255792	CHR4:6255792	SSF x Far_LoA	-11,6013809	0,067	0,299
CHR4	6265035	CHR4:6265035	SSF x Far_LoA	-6,61315643	0,094	0,312
CHR4	6265110	CHR4:6265110	SSF x Far_LoA	-10,0698325	0,057	0,298
CHR4	6265293	CHR4:6265293	SSF x Far_LoA	-8,90434067	0,044	0,291
CHR4	6279737	CHR4:6279737	SSF x Far_LoA	-9,2673683	0,066	0,304
CHR4	6279748	CHR4:6279748	SSF x Far_LoA	-10,1157762	-0,063	0,315
CHR4	6279772	CHR4:6279772	SSF x Far_LoA	-5,6654855	-0,164	0,312
CHR4	6279837	CHR4:6279837	SSF x Far_LoA	-4,72161539	0,091	0,320
CHR4	6281471	CHR4:6281471	SSF x Far_LoA	-6,84122275	-0,206	0,318
CHR4	6281718	CHR4:6281718	SSF x Far_LoA	-10,8553473	-0,064	0,306
CHR4	6285560	CHR4:6285560	SSF x Far_LoA	-8,74530086	0,073	0,306
CHR4	6285627	CHR4:6285627	SSF x Far_LoA	-9,38537824	-0,130	0,315
CHR4	6286702	CHR4:6286702	SSF x Far_LoA	-8,74644436	-0,060	0,302
CHR4	6286724	CHR4:6286724	SSF x Far_LoA	-8,75611128	-0,026	0,301
CHR4	6289166	CHR4:6289166	SSF x Far_LoA	-9,31246783	-0,023	0,303
CHR4	6294466	CHR4:6294466	SSF x Far_LoA	-9,65226877	-0,079	0,305
CHR4	6294472	CHR4:6294472	SSF x Far_LoA	-10,5297173	-0,005	0,309
CHR4	6294492	CHR4:6294492	SSF x Far_LoA	-11,5773806	0,055	0,295
CHR4	6301155	CHR4:6301155	SSF x Far_LoA	-7,90410789	-0,072	0,300
CHR4	6301159	CHR4:6301159	SSF x Far_LoA	-10,2991394	0,046	0,306
CHR4	6302542	CHR4:6302542	SSF x Far_LoA	-9,49756844	0,064	0,307
CHR4	6302568	CHR4:6302568	SSF x Far_LoA	-9,11172688	0,075	0,318
CHR4	6302784	CHR4:6302784	SSF x Far_LoA	-9,70435942	0,100	0,293
CHR4	6311943	CHR4:6311943	SSF x Far_LoA	-7,66960594	0,078	0,302
CHR4	6314884	CHR4:6314884	SSF x Far_LoA	-9,8897707	0,179	0,286
CHR4	6314978	CHR4:6314978	SSF x Far_LoA	-8,54410681	-0,091	0,298
CHR4	6315082	CHR4:6315082	SSF x Far_LoA	-9,35389483	0,056	0,298
CHR4	6315100	CHR4:6315100	SSF x Far_LoA	-10,0970019	0,072	0,300

CHR4	6336866	CHR4:6336866	SSF x Far_LoA	-9,89478331	-0,039	0,318
CHR4	6336927	CHR4:6336927	SSF x Far_LoA	-9,81735809	-0,021	0,311
CHR4	6336983	CHR4:6336983	SSF x Far_LoA	-9,84276008	-0,075	0,304
CHR4	6336999	CHR4:6336999	SSF x Far_LoA	-8,96857966	0,045	0,316
CHR4	6338834	CHR4:6338834	SSF x Far_LoA	-8,60644516	-0,110	0,301
CHR4	6345289	CHR4:6345289	SSF x Far_LoA	-10,4712979	-0,001	0,305
CHR4	6345498	CHR4:6345498	SSF x Far_LoA	-7,87446935	0,096	0,313
CHR4	6345566	CHR4:6345566	SSF x Far_LoA	-11,4782226	-0,073	0,300
CHR4	6345569	CHR4:6345569	SSF x Far_LoA	-7,53979459	-0,100	0,313
CHR4	6346923	CHR4:6346923	SSF x Far_LoA	-8,10964194	-0,037	0,318
CHR4	6346959	CHR4:6346959	SSF x Far_LoA	-9,84304922	-0,007	0,329
CHR4	6351345	CHR4:6351345	SSF x Far_LoA	-9,84365937	0,056	0,317
CHR4	6351379	CHR4:6351379	SSF x Far_LoA	-9,88264592	0,015	0,306
CHR4	6351406	CHR4:6351406	SSF x Far_LoA	-8,44287421	0,047	0,304
CHR4	6351407	CHR4:6351407	SSF x Far_LoA	-8,13646788	0,067	0,302
CHR4	6351426	CHR4:6351426	SSF x Far_LoA	-9,44989784	-0,054	0,304
CHR4	6351441	CHR4:6351441	SSF x Far_LoA	-8,81210937	0,034	0,319
CHR4	6351456	CHR4:6351456	SSF x Far_LoA	-9,56343888	-0,039	0,312
CHR4	6351466	CHR4:6351466	SSF x Far_LoA	-10,3422398	-0,036	0,302
CHR4	6351668	CHR4:6351668	SSF x Far_LoA	-7,64819049	-0,021	0,311
CHR4	6357335	CHR4:6357335	SSF x Far_LoA	-8,7493157	0,035	0,313
CHR4	6357360	CHR4:6357360	SSF x Far_LoA	-1,98457486	0,158	0,313
CHR4	6357651	CHR4:6357651	SSF x Far_LoA	-10,4747883	-0,005	0,309
CHR4	6357654	CHR4:6357654	SSF x Far_LoA	-10,3284517	0,032	0,297
CHR4	6364443	CHR4:6364443	SSF x Far_LoA	-7,55840912	-0,044	0,317
CHR4	6364445	CHR4:6364445	SSF x Far_LoA	-9,01262895	0,006	0,320
CHR4	6364470	CHR4:6364470	SSF x Far_LoA	-11,0749353	0,008	0,312
CHR4	6364490	CHR4:6364490	SSF x Far_LoA	-5,44961429	-0,109	0,311
CHR4	6364528	CHR4:6364528	SSF x Far_LoA	-9,84958395	0,054	0,319
CHR4	6364580	CHR4:6364580	SSF x Far_LoA	-7,05414718	-0,118	0,304
CHR4	6364625	CHR4:6364625	SSF x Far_LoA	-8,52490748	-0,085	0,301
CHR4	6364672	CHR4:6364672	SSF x Far_LoA	-9,78667776	-0,019	0,314
CHR4	6369093	CHR4:6369093	SSF x Far_LoA	-8,00974447	-0,104	0,315
CHR4	6369104	CHR4:6369104	SSF x Far_LoA	-10,423675	0,146	0,299
CHR4	6369110	CHR4:6369110	SSF x Far_LoA	-10,6301228	0,111	0,305
CHR4	6369204	CHR4:6369204	SSF x Far_LoA	-11,2420327	0,001	0,320
CHR4	6379672	CHR4:6379672	SSF x Far_LoA	-11,3770964	0,012	0,305
CHR4	6379906	CHR4:6379906	SSF x Far_LoA	-10,4536429	-0,039	0,308
CHR4	6388955	CHR4:6388955	SSF x Far_LoA	-9,37750029	0,049	0,308
CHR4	6420201	CHR4:6420201	SSF x Far_LoA	-9,16888827	-0,034	0,307
CHR4	6440318	CHR4:6440318	SSF x Far_LoA	-9,53286592	0,083	0,292
CHR4	6440410	CHR4:6440410	SSF x Far_LoA	-8,31960077	-0,017	0,299
CHR4	6440487	CHR4:6440487	SSF x Far_LoA	-9,50255595	-0,020	0,309
CHR4	6442005	CHR4:6442005	SSF x Far_LoA	-8,68812581	-0,002	0,298
CHR4	64467	CHR4:64467	SSF x Far_LoA	-10,8287309	0,008	0,312
CHR4	64475	CHR4:64475	SSF x Far_LoA	-11,8306504	-0,050	0,317
CHR4	6449759	CHR4:6449759	SSF x Far_LoA	-9,55347746	0,060	0,307
CHR4	6449798	CHR4:6449798	SSF x Far_LoA	-1,77897874	0,105	0,310
CHR4	6449807	CHR4:6449807	SSF x Far_LoA	-6,99323177	-0,119	0,308
CHR4	6449830	CHR4:6449830	SSF x Far_LoA	-8,58439306	-0,135	0,299
CHR4	6450074	CHR4:6450074	SSF x Far_LoA	-11,1802032	0,107	0,288
CHR4	645328	CHR4:645328	SSF x Far_LoA	-9,51813413	0,065	0,308
CHR4	645403	CHR4:645403	SSF x Far_LoA	-9,2434939	0,042	0,304

CHR4	6458149	CHR4:6458149	SSF x Far_LoA	-11,7368605	-0,049	0,297
CHR4	6458170	CHR4:6458170	SSF x Far_LoA	-10,0574732	-0,006	0,310
CHR4	6458175	CHR4:6458175	SSF x Far_LoA	-9,64246962	0,026	0,313
CHR4	6474860	CHR4:6474860	SSF x Far_LoA	-11,7314175	-0,018	0,292
CHR4	6477606	CHR4:6477606	SSF x Far_LoA	-11,0355531	0,081	0,306
CHR4	6477734	CHR4:6477734	SSF x Far_LoA	-11,713058	0,054	0,300
CHR4	6477737	CHR4:6477737	SSF x Far_LoA	-11,13911	0,112	0,299
CHR4	6479093	CHR4:6479093	SSF x Far_LoA	-7,08539101	0,146	0,293
CHR4	6483421	CHR4:6483421	SSF x Far_LoA	-5,856633	0,206	0,304
CHR4	6483480	CHR4:6483480	SSF x Far_LoA	-9,33328766	0,124	0,299
CHR4	6483524	CHR4:6483524	SSF x Far_LoA	-7,89063829	0,105	0,300
CHR4	6487129	CHR4:6487129	SSF x Far_LoA	-6,9206251	0,061	0,290
CHR4	6487227	CHR4:6487227	SSF x Far_LoA	-9,15434664	-0,033	0,307
CHR4	6487252	CHR4:6487252	SSF x Far_LoA	-9,97941114	0,089	0,309
CHR4	6490480	CHR4:6490480	SSF x Far_LoA	-9,93171978	-0,088	0,294
CHR4	6490487	CHR4:6490487	SSF x Far_LoA	-8,32983984	-0,115	0,310
CHR4	6490497	CHR4:6490497	SSF x Far_LoA	-10,9204371	-0,009	0,308
CHR4	6495101	CHR4:6495101	SSF x Far_LoA	-8,15268108	-0,131	0,302
CHR4	6495190	CHR4:6495190	SSF x Far_LoA	-9,50912566	0,006	0,307
CHR4	6495225	CHR4:6495225	SSF x Far_LoA	-9,63674058	0,012	0,311
CHR4	6503011	CHR4:6503011	SSF x Far_LoA	-6,55769629	0,150	0,301
CHR4	6508781	CHR4:6508781	SSF x Far_LoA	-9,40872936	-0,178	0,295
CHR4	6508940	CHR4:6508940	SSF x Far_LoA	-9,59727564	-0,044	0,311
CHR4	6516484	CHR4:6516484	SSF x Far_LoA	-10,6734202	-0,014	0,306
CHR4	6516521	CHR4:6516521	SSF x Far_LoA	-9,29963347	-0,039	0,305
CHR4	6516537	CHR4:6516537	SSF x Far_LoA	-11,1837535	0,083	0,303
CHR4	6516630	CHR4:6516630	SSF x Far_LoA	-7,02132052	0,080	0,304
CHR4	6537451	CHR4:6537451	SSF x Far_LoA	-8,98506967	0,062	0,315
CHR4	6537473	CHR4:6537473	SSF x Far_LoA	-9,86575218	0,000	0,305
CHR4	6537479	CHR4:6537479	SSF x Far_LoA	-11,086711	0,021	0,304
CHR4	6537525	CHR4:6537525	SSF x Far_LoA	-11,3706641	0,021	0,302
CHR4	6537547	CHR4:6537547	SSF x Far_LoA	-8,96484089	0,001	0,309
CHR4	6537553	CHR4:6537553	SSF x Far_LoA	-12,0246509	0,012	0,303
CHR4	6537566	CHR4:6537566	SSF x Far_LoA	-9,23657035	-0,030	0,313
CHR4	6537594	CHR4:6537594	SSF x Far_LoA	-11,0794817	0,045	0,308
CHR4	6537708	CHR4:6537708	SSF x Far_LoA	-6,90712068	-0,079	0,293
CHR4	6544047	CHR4:6544047	SSF x Far_LoA	-9,25222099	0,166	0,284
CHR4	6544066	CHR4:6544066	SSF x Far_LoA	-11,1923681	-0,015	0,315
CHR4	6544070	CHR4:6544070	SSF x Far_LoA	-8,16475371	0,135	0,310
CHR4	6544095	CHR4:6544095	SSF x Far_LoA	-9,66066204	-0,127	0,307
CHR4	6544097	CHR4:6544097	SSF x Far_LoA	-8,0877921	-0,004	0,307
CHR4	6544104	CHR4:6544104	SSF x Far_LoA	-10,8679301	0,047	0,286
CHR4	6544189	CHR4:6544189	SSF x Far_LoA	-9,88062713	0,123	0,302
CHR4	6544215	CHR4:6544215	SSF x Far_LoA	-11,1604103	-0,056	0,295
CHR4	6560733	CHR4:6560733	SSF x Far_LoA	-8,84717565	0,062	0,306
CHR4	6565172	CHR4:6565172	SSF x Far_LoA	-10,1350725	-0,053	0,308
CHR4	6565205	CHR4:6565205	SSF x Far_LoA	-9,64489487	0,081	0,324
CHR4	6565208	CHR4:6565208	SSF x Far_LoA	-9,45224216	0,080	0,319
CHR4	657405	CHR4:657405	SSF x Far_LoA	-9,95310645	0,078	0,302
CHR4	657408	CHR4:657408	SSF x Far_LoA	-11,41659	-0,007	0,295
CHR4	6577314	CHR4:6577314	SSF x Far_LoA	-8,86214471	-0,079	0,305
CHR4	6577334	CHR4:6577334	SSF x Far_LoA	-10,8475904	0,024	0,295
CHR4	6579862	CHR4:6579862	SSF x Far_LoA	-10,184717	0,108	0,298

CHR4	6579957	CHR4:6579957	SSF x Far_LoA	-7,18513883	0,005	0,291
CHR4	6582862	CHR4:6582862	SSF x Far_LoA	-8,55101692	0,131	0,306
CHR4	6583145	CHR4:6583145	SSF x Far_LoA	-9,61358963	0,100	0,308
CHR4	6602445	CHR4:6602445	SSF x Far_LoA	-11,2746098	0,095	0,304
CHR4	6608856	CHR4:6608856	SSF x Far_LoA	-4,75194871	0,102	0,307
CHR4	6608866	CHR4:6608866	SSF x Far_LoA	-8,00975458	-0,116	0,306
CHR4	6608893	CHR4:6608893	SSF x Far_LoA	-9,82201635	-0,085	0,290
CHR4	6608902	CHR4:6608902	SSF x Far_LoA	-9,0783669	-0,034	0,290
CHR4	6609028	CHR4:6609028	SSF x Far_LoA	-6,53576568	-0,093	0,306
CHR4	6609030	CHR4:6609030	SSF x Far_LoA	-8,82390595	-0,033	0,305
CHR4	6613789	CHR4:6613789	SSF x Far_LoA	-9,9011218	-0,014	0,308
CHR4	6613843	CHR4:6613843	SSF x Far_LoA	-9,00358099	0,016	0,296
CHR4	6613850	CHR4:6613850	SSF x Far_LoA	-11,6883694	0,086	0,299
CHR4	6620799	CHR4:6620799	SSF x Far_LoA	-11,6888395	-0,110	0,306
CHR4	6620902	CHR4:6620902	SSF x Far_LoA	-10,7529501	-0,097	0,302
CHR4	6620909	CHR4:6620909	SSF x Far_LoA	-8,77289587	-0,142	0,317
CHR4	6620911	CHR4:6620911	SSF x Far_LoA	-10,0803317	-0,035	0,291
CHR4	6620960	CHR4:6620960	SSF x Far_LoA	-8,05246095	-0,030	0,307
CHR4	6620975	CHR4:6620975	SSF x Far_LoA	-8,25207648	0,009	0,317
CHR4	6620981	CHR4:6620981	SSF x Far_LoA	-5,94007771	-0,030	0,324
CHR4	6620982	CHR4:6620982	SSF x Far_LoA	-8,12494615	-0,036	0,310
CHR4	6640605	CHR4:6640605	SSF x Far_LoA	-6,44753615	0,118	0,310
CHR4	6640653	CHR4:6640653	SSF x Far_LoA	-8,50687381	0,095	0,309
CHR4	664492	CHR4:664492	SSF x Far_LoA	-8,64593643	0,102	0,304
CHR4	6658299	CHR4:6658299	SSF x Far_LoA	-12,2277075	-0,014	0,300
CHR4	6658301	CHR4:6658301	SSF x Far_LoA	-9,03431513	0,000	0,302
CHR4	6658491	CHR4:6658491	SSF x Far_LoA	-6,43821235	0,039	0,307
CHR4	6658512	CHR4:6658512	SSF x Far_LoA	-9,81131474	-0,028	0,303
CHR4	6661161	CHR4:6661161	SSF x Far_LoA	-8,94269409	-0,033	0,318
CHR4	6661163	CHR4:6661163	SSF x Far_LoA	-8,56536422	0,092	0,300
CHR4	6661228	CHR4:6661228	SSF x Far_LoA	-4,10040928	0,171	0,303
CHR4	6661240	CHR4:6661240	SSF x Far_LoA	-6,34980426	0,078	0,297
CHR4	6669162	CHR4:6669162	SSF x Far_LoA	-7,52967967	-0,064	0,303
CHR4	6669223	CHR4:6669223	SSF x Far_LoA	-9,98417895	-0,025	0,298
CHR4	6669237	CHR4:6669237	SSF x Far_LoA	-9,0054613	0,039	0,313
CHR4	6669265	CHR4:6669265	SSF x Far_LoA	-11,6560965	-0,065	0,310
CHR4	6671195	CHR4:6671195	SSF x Far_LoA	-10,6630021	-0,108	0,317
CHR4	6671210	CHR4:6671210	SSF x Far_LoA	-9,89247888	-0,073	0,314
CHR4	6671239	CHR4:6671239	SSF x Far_LoA	-9,07979366	0,105	0,310
CHR4	6671279	CHR4:6671279	SSF x Far_LoA	-10,6296404	-0,032	0,315
CHR4	6671444	CHR4:6671444	SSF x Far_LoA	-9,12823545	0,067	0,296
CHR4	6671455	CHR4:6671455	SSF x Far_LoA	-7,88862103	0,110	0,296
CHR4	6671479	CHR4:6671479	SSF x Far_LoA	-8,03166102	-0,036	0,305
CHR4	6671483	CHR4:6671483	SSF x Far_LoA	-8,24946937	-0,062	0,318
CHR4	6671487	CHR4:6671487	SSF x Far_LoA	-6,33762816	-0,055	0,320
CHR4	6671489	CHR4:6671489	SSF x Far_LoA	-7,86356714	-0,047	0,319
CHR4	6680926	CHR4:6680926	SSF x Far_LoA	-8,79590232	0,135	0,306
CHR4	6680927	CHR4:6680927	SSF x Far_LoA	0,55491751	0,243	0,292
CHR4	6680931	CHR4:6680931	SSF x Far_LoA	0,23839798	-0,241	0,295
CHR4	6680992	CHR4:6680992	SSF x Far_LoA	-6,32295759	-0,242	0,281
CHR4	6686661	CHR4:6686661	SSF x Far_LoA	-7,62785927	-0,068	0,311
CHR4	6686783	CHR4:6686783	SSF x Far_LoA	-8,08419006	-0,091	0,297
CHR4	6690909	CHR4:6690909	SSF x Far_LoA	-9,98293815	-0,126	0,299

CHR4	6691001	CHR4:6691001	SSF x Far_LoA	-8,22716719	-0,064	0,311
CHR4	6694152	CHR4:6694152	SSF x Far_LoA	-7,82870701	-0,015	0,321
CHR4	671021	CHR4:671021	SSF x Far_LoA	-10,545442	0,038	0,307
CHR4	6711902	CHR4:6711902	SSF x Far_LoA	-7,99499859	-0,125	0,299
CHR4	6711934	CHR4:6711934	SSF x Far_LoA	-6,65807808	-0,067	0,314
CHR4	6712011	CHR4:6712011	SSF x Far_LoA	-9,71218807	-0,054	0,310
CHR4	6735568	CHR4:6735568	SSF x Far_LoA	-9,06832533	-0,040	0,306
CHR4	6735583	CHR4:6735583	SSF x Far_LoA	-7,60489979	-0,051	0,315
CHR4	6735621	CHR4:6735621	SSF x Far_LoA	-10,0330282	0,034	0,303
CHR4	6735657	CHR4:6735657	SSF x Far_LoA	-9,82358546	0,047	0,299
CHR4	6748987	CHR4:6748987	SSF x Far_LoA	-10,0203175	-0,046	0,318
CHR4	6749011	CHR4:6749011	SSF x Far_LoA	-9,06934377	-0,072	0,312
CHR4	6749062	CHR4:6749062	SSF x Far_LoA	-10,9814245	0,067	0,302
CHR4	675089	CHR4:675089	SSF x Far_LoA	-9,83591096	0,020	0,309
CHR4	675166	CHR4:675166	SSF x Far_LoA	-8,52673939	-0,010	0,313
CHR4	675184	CHR4:675184	SSF x Far_LoA	1,70941755	-0,058	0,303
CHR4	6752365	CHR4:6752365	SSF x Far_LoA	-11,7769955	0,009	0,295
CHR4	6756671	CHR4:6756671	SSF x Far_LoA	-8,18784741	-0,036	0,313
CHR4	6756699	CHR4:6756699	SSF x Far_LoA	-7,17599387	-0,105	0,325
CHR4	6762352	CHR4:6762352	SSF x Far_LoA	-9,58359803	-0,051	0,289
CHR4	6762388	CHR4:6762388	SSF x Far_LoA	-9,46148196	0,013	0,303
CHR4	6762389	CHR4:6762389	SSF x Far_LoA	-8,16180971	0,017	0,297
CHR4	6762507	CHR4:6762507	SSF x Far_LoA	-9,41457602	0,053	0,282
CHR4	6762604	CHR4:6762604	SSF x Far_LoA	-9,50635075	-0,059	0,313
CHR4	6778141	CHR4:6778141	SSF x Far_LoA	-9,69190675	0,032	0,315
CHR4	6778149	CHR4:6778149	SSF x Far_LoA	-8,09494236	0,080	0,298
CHR4	6778180	CHR4:6778180	SSF x Far_LoA	-9,43839864	-0,024	0,307
CHR4	6785462	CHR4:6785462	SSF x Far_LoA	-9,52613963	0,071	0,301
CHR4	6785507	CHR4:6785507	SSF x Far_LoA	-7,2780624	-0,097	0,298
CHR4	6785600	CHR4:6785600	SSF x Far_LoA	-10,3539986	-0,008	0,295
CHR4	6785640	CHR4:6785640	SSF x Far_LoA	-8,24016114	0,142	0,308
CHR4	6785645	CHR4:6785645	SSF x Far_LoA	-10,3731876	0,140	0,302
CHR4	6793020	CHR4:6793020	SSF x Far_LoA	-10,4377773	-0,002	0,301
CHR4	6796345	CHR4:6796345	SSF x Far_LoA	-12,0972207	0,022	0,301
CHR4	6797771	CHR4:6797771	SSF x Far_LoA	-11,6260399	-0,055	0,297
CHR4	6797924	CHR4:6797924	SSF x Far_LoA	-11,236661	0,003	0,300
CHR4	6813248	CHR4:6813248	SSF x Far_LoA	-8,98596325	0,074	0,293
CHR4	6822512	CHR4:6822512	SSF x Far_LoA	-9,24269522	-0,083	0,301
CHR4	6822631	CHR4:6822631	SSF x Far_LoA	-10,7734824	0,036	0,297
CHR4	6822686	CHR4:6822686	SSF x Far_LoA	-10,510139	0,031	0,315
CHR4	6824047	CHR4:6824047	SSF x Far_LoA	-9,4308245	-0,140	0,298
CHR4	682932	CHR4:682932	SSF x Far_LoA	-8,9298093	0,017	0,313
CHR4	682947	CHR4:682947	SSF x Far_LoA	-9,44435126	-0,044	0,305
CHR4	683108	CHR4:683108	SSF x Far_LoA	-9,28780348	0,020	0,309
CHR4	6831270	CHR4:6831270	SSF x Far_LoA	-9,90200425	0,023	0,323
CHR4	6831305	CHR4:6831305	SSF x Far_LoA	-9,99823871	0,037	0,311
CHR4	6831426	CHR4:6831426	SSF x Far_LoA	-11,6341187	-0,002	0,298
CHR4	6831537	CHR4:6831537	SSF x Far_LoA	-9,68600379	-0,047	0,307
CHR4	6834051	CHR4:6834051	SSF x Far_LoA	-10,8985599	0,004	0,324
CHR4	6834079	CHR4:6834079	SSF x Far_LoA	-8,83655082	-0,022	0,318
CHR4	6834117	CHR4:6834117	SSF x Far_LoA	-6,27629283	0,158	0,293
CHR4	6840632	CHR4:6840632	SSF x Far_LoA	-9,92316223	-0,021	0,314
CHR4	6840633	CHR4:6840633	SSF x Far_LoA	-4,95391342	0,267	0,286

CHR4	6843251	CHR4:6843251	SSF x Far_LoA	-9,81119819	-0,067	0,298
CHR4	6845934	CHR4:6845934	SSF x Far_LoA	-10,0696971	0,018	0,315
CHR4	6845955	CHR4:6845955	SSF x Far_LoA	-10,9549442	-0,045	0,315
CHR4	6845958	CHR4:6845958	SSF x Far_LoA	-8,44063839	0,034	0,310
CHR4	6845999	CHR4:6845999	SSF x Far_LoA	-0,6055465	-0,045	0,319
CHR4	6846054	CHR4:6846054	SSF x Far_LoA	-10,0156556	0,019	0,300
CHR4	6846117	CHR4:6846117	SSF x Far_LoA	-10,8493767	-0,018	0,282
CHR4	6846160	CHR4:6846160	SSF x Far_LoA	-2,86081159	-0,016	0,296
CHR4	6854194	CHR4:6854194	SSF x Far_LoA	-11,3561793	0,018	0,292
CHR4	6854262	CHR4:6854262	SSF x Far_LoA	-7,84754952	0,108	0,286
CHR4	6854395	CHR4:6854395	SSF x Far_LoA	-8,24027845	-0,120	0,301
CHR4	6876184	CHR4:6876184	SSF x Far_LoA	-10,2309598	0,021	0,297
CHR4	6886053	CHR4:6886053	SSF x Far_LoA	-9,95865607	-0,035	0,299
CHR4	6886144	CHR4:6886144	SSF x Far_LoA	-10,3632328	-0,011	0,301
CHR4	689638	CHR4:689638	SSF x Far_LoA	-9,79239086	-0,040	0,306
CHR4	689660	CHR4:689660	SSF x Far_LoA	-5,21693492	0,026	0,319
CHR4	689670	CHR4:689670	SSF x Far_LoA	-8,61056863	-0,009	0,310
CHR4	689843	CHR4:689843	SSF x Far_LoA	-9,57661911	-0,012	0,315
CHR4	689886	CHR4:689886	SSF x Far_LoA	-7,76017907	0,124	0,295
CHR4	6917967	CHR4:6917967	SSF x Far_LoA	-7,05566584	0,164	0,297
CHR4	6929351	CHR4:6929351	SSF x Far_LoA	-8,76388694	0,171	0,301
CHR4	6941199	CHR4:6941199	SSF x Far_LoA	-8,30728409	-0,025	0,321
CHR4	6941371	CHR4:6941371	SSF x Far_LoA	-10,2102397	-0,013	0,295
CHR4	6941399	CHR4:6941399	SSF x Far_LoA	-10,8712208	-0,016	0,304
CHR4	6941420	CHR4:6941420	SSF x Far_LoA	-10,0055143	0,078	0,303
CHR4	694556	CHR4:694556	SSF x Far_LoA	-7,58702192	0,105	0,309
CHR4	6945962	CHR4:6945962	SSF x Far_LoA	-6,80028048	0,073	0,292
CHR4	6945984	CHR4:6945984	SSF x Far_LoA	-9,69534849	-0,023	0,307
CHR4	6946036	CHR4:6946036	SSF x Far_LoA	-8,08464024	0,051	0,311
CHR4	6946048	CHR4:6946048	SSF x Far_LoA	-8,67219503	-0,008	0,316
CHR4	6946063	CHR4:6946063	SSF x Far_LoA	0,4473731	-0,074	0,304
CHR4	6946067	CHR4:6946067	SSF x Far_LoA	-12,0631442	-0,023	0,297
CHR4	6946069	CHR4:6946069	SSF x Far_LoA	-6,50014932	0,023	0,308
CHR4	6946105	CHR4:6946105	SSF x Far_LoA	-9,30811171	-0,010	0,308
CHR4	6953007	CHR4:6953007	SSF x Far_LoA	-10,4800967	0,077	0,290
CHR4	6953099	CHR4:6953099	SSF x Far_LoA	-10,844217	0,024	0,307
CHR4	6966555	CHR4:6966555	SSF x Far_LoA	-9,77354371	-0,054	0,316
CHR4	6966638	CHR4:6966638	SSF x Far_LoA	-8,52770789	-0,110	0,318
CHR4	6979958	CHR4:6979958	SSF x Far_LoA	-9,56478483	0,019	0,308
CHR4	6980004	CHR4:6980004	SSF x Far_LoA	-6,64020134	-0,197	0,295
CHR4	6980011	CHR4:6980011	SSF x Far_LoA	-6,19038574	0,069	0,315
CHR4	6980315	CHR4:6980315	SSF x Far_LoA	-8,02349161	-0,187	0,299
CHR4	6980348	CHR4:6980348	SSF x Far_LoA	-7,26316224	0,078	0,315
CHR4	6980371	CHR4:6980371	SSF x Far_LoA	-4,62480783	-0,182	0,301
CHR4	6980423	CHR4:6980423	SSF x Far_LoA	-10,5072645	0,127	0,302
CHR4	698398	CHR4:698398	SSF x Far_LoA	-10,6400802	0,059	0,295
CHR4	6985065	CHR4:6985065	SSF x Far_LoA	-10,7787268	-0,086	0,305
CHR4	698898	CHR4:698898	SSF x Far_LoA	-9,20965266	-0,024	0,310
CHR4	6989182	CHR4:6989182	SSF x Far_LoA	-8,46558988	0,055	0,299
CHR4	6989222	CHR4:6989222	SSF x Far_LoA	-7,81712525	-0,017	0,297
CHR4	698923	CHR4:698923	SSF x Far_LoA	-10,6688014	-0,012	0,309
CHR4	698931	CHR4:698931	SSF x Far_LoA	-10,6871815	0,099	0,298
CHR4	698957	CHR4:698957	SSF x Far_LoA	-9,07151527	0,061	0,306

CHR4	698968	CHR4:698968	SSF x Far_LoA	0,56261952	0,041	0,299
CHR4	6997525	CHR4:6997525	SSF x Far_LoA	-6,19795332	-0,142	0,303
CHR4	6997764	CHR4:6997764	SSF x Far_LoA	-10,1142053	0,094	0,294
CHR4	702018	CHR4:702018	SSF x Far_LoA	-2,35186058	-0,004	0,313
CHR4	7021957	CHR4:7021957	SSF x Far_LoA	-10,5903846	0,042	0,315
CHR4	7022165	CHR4:7022165	SSF x Far_LoA	-7,14818013	-0,084	0,318
CHR4	7028403	CHR4:7028403	SSF x Far_LoA	3,9741395	-0,156	0,293
CHR4	7028534	CHR4:7028534	SSF x Far_LoA	-9,3834364	0,098	0,313
CHR4	7028549	CHR4:7028549	SSF x Far_LoA	-8,94433871	0,059	0,304
CHR4	7028563	CHR4:7028563	SSF x Far_LoA	-4,95597957	0,024	0,305
CHR4	7028564	CHR4:7028564	SSF x Far_LoA	-9,14961704	-0,062	0,304
CHR4	7041424	CHR4:7041424	SSF x Far_LoA	-9,73106862	-0,084	0,315
CHR4	7048398	CHR4:7048398	SSF x Far_LoA	-7,95280783	-0,105	0,313
CHR4	7051536	CHR4:7051536	SSF x Far_LoA	-8,85605136	0,061	0,315
CHR4	705354	CHR4:705354	SSF x Far_LoA	-10,6745713	-0,083	0,298
CHR4	705367	CHR4:705367	SSF x Far_LoA	-11,5457542	-0,073	0,302
CHR4	705453	CHR4:705453	SSF x Far_LoA	-11,5004271	-0,066	0,301
CHR4	7064585	CHR4:7064585	SSF x Far_LoA	-8,20955768	-0,129	0,297
CHR4	7069741	CHR4:7069741	SSF x Far_LoA	-9,86038986	-0,082	0,308
CHR4	7071708	CHR4:7071708	SSF x Far_LoA	-10,1048917	0,051	0,304
CHR4	7073884	CHR4:7073884	SSF x Far_LoA	-11,9449565	-0,022	0,306
CHR4	7073893	CHR4:7073893	SSF x Far_LoA	-10,250139	0,058	0,297
CHR4	7073913	CHR4:7073913	SSF x Far_LoA	-11,7163744	-0,027	0,309
CHR4	7073920	CHR4:7073920	SSF x Far_LoA	-9,79618822	0,049	0,324
CHR4	7073970	CHR4:7073970	SSF x Far_LoA	-10,913069	-0,006	0,308
CHR4	7073995	CHR4:7073995	SSF x Far_LoA	-9,70969305	0,017	0,298
CHR4	7074033	CHR4:7074033	SSF x Far_LoA	-11,1445011	-0,009	0,302
CHR4	7076373	CHR4:7076373	SSF x Far_LoA	-4,97673145	-0,065	0,297
CHR4	7076403	CHR4:7076403	SSF x Far_LoA	-5,05204813	0,122	0,292
CHR4	7078177	CHR4:7078177	SSF x Far_LoA	-11,1182687	-0,062	0,307
CHR4	71016	CHR4:71016	SSF x Far_LoA	-11,1822966	-0,025	0,316
CHR4	7106060	CHR4:7106060	SSF x Far_LoA	-9,07598978	-0,078	0,305
CHR4	7106126	CHR4:7106126	SSF x Far_LoA	-9,12381712	0,011	0,311
CHR4	7106236	CHR4:7106236	SSF x Far_LoA	-9,55503492	0,056	0,304
CHR4	7106255	CHR4:7106255	SSF x Far_LoA	-5,94409175	-0,152	0,305
CHR4	7106260	CHR4:7106260	SSF x Far_LoA	-8,74107395	0,073	0,310
CHR4	7106339	CHR4:7106339	SSF x Far_LoA	-8,71385284	-0,064	0,303
CHR4	710768	CHR4:710768	SSF x Far_LoA	-5,66283762	0,170	0,306
CHR4	7109641	CHR4:7109641	SSF x Far_LoA	-8,93478597	-0,048	0,305
CHR4	7109711	CHR4:7109711	SSF x Far_LoA	-10,9200766	0,158	0,294
CHR4	710976	CHR4:710976	SSF x Far_LoA	-9,02682035	0,169	0,295
CHR4	7109900	CHR4:7109900	SSF x Far_LoA	-9,52010161	-0,069	0,303
CHR4	711064	CHR4:711064	SSF x Far_LoA	-6,28550668	0,107	0,306
CHR4	7126739	CHR4:7126739	SSF x Far_LoA	-10,5258704	-0,069	0,309
CHR4	7126862	CHR4:7126862	SSF x Far_LoA	-10,8745324	0,060	0,304
CHR4	7136615	CHR4:7136615	SSF x Far_LoA	-6,85724012	-0,060	0,296
CHR4	7136826	CHR4:7136826	SSF x Far_LoA	-6,4976527	-0,188	0,302
CHR4	7146193	CHR4:7146193	SSF x Far_LoA	-10,6397787	-0,130	0,302
CHR4	7146320	CHR4:7146320	SSF x Far_LoA	-9,177374	-0,072	0,316
CHR4	7146355	CHR4:7146355	SSF x Far_LoA	-7,86101012	-0,056	0,309
CHR4	7146426	CHR4:7146426	SSF x Far_LoA	-10,3435431	0,001	0,299
CHR4	7146507	CHR4:7146507	SSF x Far_LoA	-9,67587524	-0,020	0,322
CHR4	7146526	CHR4:7146526	SSF x Far_LoA	-8,63290062	-0,033	0,286

CHR4	7161225	CHR4:7161225	SSF x Far_LoA	-11,6790335	-0,104	0,315
CHR4	7161226	CHR4:7161226	SSF x Far_LoA	-9,9300192	-0,011	0,301
CHR4	7161242	CHR4:7161242	SSF x Far_LoA	-7,16865159	-0,154	0,302
CHR4	7171173	CHR4:7171173	SSF x Far_LoA	-10,3353887	0,062	0,313
CHR4	7171187	CHR4:7171187	SSF x Far_LoA	-6,31027515	-0,171	0,301
CHR4	7171189	CHR4:7171189	SSF x Far_LoA	-8,90805143	0,052	0,309
CHR4	7171196	CHR4:7171196	SSF x Far_LoA	-8,85467096	0,043	0,316
CHR4	7171248	CHR4:7171248	SSF x Far_LoA	-10,3617701	-0,105	0,302
CHR4	7178508	CHR4:7178508	SSF x Far_LoA	-9,14618554	0,121	0,284
CHR4	7178544	CHR4:7178544	SSF x Far_LoA	-9,97728007	-0,036	0,304
CHR4	7178664	CHR4:7178664	SSF x Far_LoA	-8,97378033	0,062	0,313
CHR4	7178679	CHR4:7178679	SSF x Far_LoA	-10,0994968	0,001	0,299
CHR4	7178696	CHR4:7178696	SSF x Far_LoA	-9,40811063	-0,051	0,301
CHR4	7178710	CHR4:7178710	SSF x Far_LoA	-7,65616231	0,003	0,322
CHR4	7178724	CHR4:7178724	SSF x Far_LoA	-8,02480064	-0,020	0,322
CHR4	7200005	CHR4:7200005	SSF x Far_LoA	-7,38099858	0,085	0,289
CHR4	7200007	CHR4:7200007	SSF x Far_LoA	-8,16183055	-0,005	0,307
CHR4	7200039	CHR4:7200039	SSF x Far_LoA	-8,19512958	0,130	0,299
CHR4	7200044	CHR4:7200044	SSF x Far_LoA	-11,2968134	-0,027	0,309
CHR4	7200094	CHR4:7200094	SSF x Far_LoA	-5,89638312	0,175	0,314
CHR4	7200125	CHR4:7200125	SSF x Far_LoA	-9,21688365	0,038	0,305
CHR4	7200154	CHR4:7200154	SSF x Far_LoA	-11,5840996	0,000	0,306
CHR4	7200190	CHR4:7200190	SSF x Far_LoA	-8,60474743	-0,088	0,301
CHR4	7200234	CHR4:7200234	SSF x Far_LoA	-11,1431051	0,025	0,308
CHR4	7200237	CHR4:7200237	SSF x Far_LoA	-10,3836178	-0,084	0,316
CHR4	7200268	CHR4:7200268	SSF x Far_LoA	-9,64612557	-0,077	0,297
CHR4	7200272	CHR4:7200272	SSF x Far_LoA	-9,4015936	-0,027	0,308
CHR4	7200286	CHR4:7200286	SSF x Far_LoA	-6,64506722	-0,060	0,300
CHR4	7208197	CHR4:7208197	SSF x Far_LoA	-10,5224282	0,038	0,307
CHR4	7208209	CHR4:7208209	SSF x Far_LoA	-10,2327447	0,051	0,308
CHR4	7208217	CHR4:7208217	SSF x Far_LoA	-9,20287689	0,111	0,294
CHR4	7208252	CHR4:7208252	SSF x Far_LoA	-8,90128994	0,031	0,310
CHR4	7208295	CHR4:7208295	SSF x Far_LoA	-9,46895355	-0,140	0,289
CHR4	7208344	CHR4:7208344	SSF x Far_LoA	-9,0194942	-0,007	0,303
CHR4	7208357	CHR4:7208357	SSF x Far_LoA	-6,76318093	-0,104	0,296
CHR4	7208441	CHR4:7208441	SSF x Far_LoA	-9,66960783	0,063	0,314
CHR4	7219470	CHR4:7219470	SSF x Far_LoA	-7,73920245	0,179	0,287
CHR4	7219493	CHR4:7219493	SSF x Far_LoA	-11,4694834	0,079	0,301
CHR4	7219495	CHR4:7219495	SSF x Far_LoA	-9,83366765	0,062	0,307
CHR4	7219514	CHR4:7219514	SSF x Far_LoA	-11,4793814	0,059	0,297
CHR4	7219530	CHR4:7219530	SSF x Far_LoA	-7,35517296	-0,133	0,295
CHR4	7219570	CHR4:7219570	SSF x Far_LoA	-11,7353678	-0,084	0,297
CHR4	7219584	CHR4:7219584	SSF x Far_LoA	-7,55723466	0,137	0,303
CHR4	7219591	CHR4:7219591	SSF x Far_LoA	-8,54216969	0,033	0,319
CHR4	7219612	CHR4:7219612	SSF x Far_LoA	-9,67815581	-0,006	0,308
CHR4	7219626	CHR4:7219626	SSF x Far_LoA	-6,94378569	0,125	0,319
CHR4	7219646	CHR4:7219646	SSF x Far_LoA	-10,7190193	0,027	0,291
CHR4	7219668	CHR4:7219668	SSF x Far_LoA	-7,29796385	0,229	0,278
CHR4	7225293	CHR4:7225293	SSF x Far_LoA	-8,43563352	0,031	0,319
CHR4	7225383	CHR4:7225383	SSF x Far_LoA	-9,03732228	0,087	0,300
CHR4	7225433	CHR4:7225433	SSF x Far_LoA	-9,28927227	-0,087	0,303
CHR4	7225491	CHR4:7225491	SSF x Far_LoA	-5,80390837	0,043	0,314
CHR4	7227390	CHR4:7227390	SSF x Far_LoA	-10,6529146	0,122	0,306

CHR4	7227419	CHR4:7227419	SSF x Far_LoA	-7,32468355	0,085	0,323
CHR4	7227473	CHR4:7227473	SSF x Far_LoA	-11,2142742	0,057	0,308
CHR4	7227484	CHR4:7227484	SSF x Far_LoA	-9,63331728	-0,098	0,306
CHR4	7227543	CHR4:7227543	SSF x Far_LoA	-8,15854891	0,103	0,302
CHR4	7227557	CHR4:7227557	SSF x Far_LoA	-10,4128012	0,117	0,294
CHR4	7227569	CHR4:7227569	SSF x Far_LoA	-9,72650104	0,190	0,295
CHR4	7227587	CHR4:7227587	SSF x Far_LoA	-9,91930488	-0,068	0,308
CHR4	7227610	CHR4:7227610	SSF x Far_LoA	-9,47385864	0,052	0,303
CHR4	7236646	CHR4:7236646	SSF x Far_LoA	-8,65666255	0,039	0,287
CHR4	7239662	CHR4:7239662	SSF x Far_LoA	-10,5225756	-0,098	0,304
CHR4	7239669	CHR4:7239669	SSF x Far_LoA	-8,19325235	0,127	0,304
CHR4	7239678	CHR4:7239678	SSF x Far_LoA	-10,718211	0,048	0,312
CHR4	7243929	CHR4:7243929	SSF x Far_LoA	-7,84363919	0,133	0,310
CHR4	7243982	CHR4:7243982	SSF x Far_LoA	-10,4682196	-0,023	0,307
CHR4	7244000	CHR4:7244000	SSF x Far_LoA	-6,23235403	-0,011	0,322
CHR4	7244007	CHR4:7244007	SSF x Far_LoA	-7,56868772	0,001	0,318
CHR4	7244033	CHR4:7244033	SSF x Far_LoA	-10,392236	0,053	0,315
CHR4	7244035	CHR4:7244035	SSF x Far_LoA	-9,33319997	-0,133	0,310
CHR4	7247107	CHR4:7247107	SSF x Far_LoA	-9,83458633	-0,009	0,296
CHR4	7247108	CHR4:7247108	SSF x Far_LoA	-8,5992656	0,055	0,315
CHR4	7247140	CHR4:7247140	SSF x Far_LoA	-5,12952636	0,041	0,315
CHR4	7247142	CHR4:7247142	SSF x Far_LoA	-9,59425973	-0,026	0,308
CHR4	7247181	CHR4:7247181	SSF x Far_LoA	-9,09554668	0,087	0,306
CHR4	7247257	CHR4:7247257	SSF x Far_LoA	-8,67953149	0,021	0,291
CHR4	7247273	CHR4:7247273	SSF x Far_LoA	-9,02421552	-0,087	0,308
CHR4	7251342	CHR4:7251342	SSF x Far_LoA	-10,0966733	0,039	0,305
CHR4	7251349	CHR4:7251349	SSF x Far_LoA	-4,64876879	0,146	0,304
CHR4	7251363	CHR4:7251363	SSF x Far_LoA	-10,9883748	-0,089	0,293
CHR4	7252589	CHR4:7252589	SSF x Far_LoA	-11,6935146	0,064	0,312
CHR4	7254709	CHR4:7254709	SSF x Far_LoA	-10,7372097	0,004	0,311
CHR4	7254717	CHR4:7254717	SSF x Far_LoA	-9,25956171	0,112	0,299
CHR4	7254737	CHR4:7254737	SSF x Far_LoA	-8,39948855	0,013	0,320
CHR4	7254738	CHR4:7254738	SSF x Far_LoA	-9,75243703	0,031	0,308
CHR4	7254769	CHR4:7254769	SSF x Far_LoA	-8,70266476	0,059	0,309
CHR4	7255068	CHR4:7255068	SSF x Far_LoA	-9,86052847	0,066	0,305
CHR4	7268475	CHR4:7268475	SSF x Far_LoA	-10,3370461	0,014	0,286
CHR4	7268528	CHR4:7268528	SSF x Far_LoA	-9,85761878	-0,066	0,286
CHR4	7268540	CHR4:7268540	SSF x Far_LoA	-7,79415068	-0,094	0,293
CHR4	7268563	CHR4:7268563	SSF x Far_LoA	-10,1826951	0,059	0,295
CHR4	7285747	CHR4:7285747	SSF x Far_LoA	-11,1738074	-0,065	0,303
CHR4	7285820	CHR4:7285820	SSF x Far_LoA	-5,94425874	-0,043	0,304
CHR4	7288863	CHR4:7288863	SSF x Far_LoA	-10,2288449	-0,068	0,296
CHR4	7289459	CHR4:7289459	SSF x Far_LoA	-8,487058	0,039	0,319
CHR4	7290845	CHR4:7290845	SSF x Far_LoA	-7,05421696	0,048	0,306
CHR4	7290899	CHR4:7290899	SSF x Far_LoA	-9,56094353	-0,129	0,310
CHR4	7291901	CHR4:7291901	SSF x Far_LoA	-8,74194642	-0,094	0,298
CHR4	7291925	CHR4:7291925	SSF x Far_LoA	-9,26775095	-0,133	0,295
CHR4	7293593	CHR4:7293593	SSF x Far_LoA	-9,59323763	0,182	0,300
CHR4	7294937	CHR4:7294937	SSF x Far_LoA	-9,54730679	0,063	0,305
CHR4	7296234	CHR4:7296234	SSF x Far_LoA	-7,93859867	0,036	0,291
CHR4	7296247	CHR4:7296247	SSF x Far_LoA	-6,78555158	-0,081	0,304
CHR4	7296310	CHR4:7296310	SSF x Far_LoA	-4,41507018	0,008	0,314
CHR4	7296312	CHR4:7296312	SSF x Far_LoA	-11,5630417	-0,026	0,299

CHR4	7297912	CHR4:7297912	SSF x Far_LoA	-9,63458226	0,088	0,309
CHR4	7300700	CHR4:7300700	SSF x Far_LoA	-7,41048555	-0,162	0,312
CHR4	7300734	CHR4:7300734	SSF x Far_LoA	-9,00095752	-0,200	0,293
CHR4	7305614	CHR4:7305614	SSF x Far_LoA	-8,01064406	-0,095	0,307
CHR4	7310006	CHR4:7310006	SSF x Far_LoA	-8,70944687	0,057	0,312
CHR4	7310039	CHR4:7310039	SSF x Far_LoA	-8,32678861	-0,076	0,317
CHR4	7312900	CHR4:7312900	SSF x Far_LoA	-6,43589781	-0,142	0,300
CHR4	7312927	CHR4:7312927	SSF x Far_LoA	-10,8076208	0,023	0,303
CHR4	7317944	CHR4:7317944	SSF x Far_LoA	-9,74959751	0,001	0,307
CHR4	7334041	CHR4:7334041	SSF x Far_LoA	-10,564289	0,072	0,295
CHR4	7343322	CHR4:7343322	SSF x Far_LoA	-10,5699541	-0,061	0,310
CHR4	7354105	CHR4:7354105	SSF x Far_LoA	-10,9297134	-0,006	0,308
CHR4	7354509	CHR4:7354509	SSF x Far_LoA	-9,85918145	0,050	0,309
CHR4	7357949	CHR4:7357949	SSF x Far_LoA	-7,35262079	-0,145	0,281
CHR4	7358213	CHR4:7358213	SSF x Far_LoA	-6,77437383	-0,201	0,303
CHR4	7365732	CHR4:7365732	SSF x Far_LoA	-5,78557221	-0,002	0,313
CHR4	7365775	CHR4:7365775	SSF x Far_LoA	-9,8328857	-0,022	0,335
CHR4	7365822	CHR4:7365822	SSF x Far_LoA	-9,79122603	0,096	0,301
CHR4	7377886	CHR4:7377886	SSF x Far_LoA	-9,53286127	0,019	0,305
CHR4	7377912	CHR4:7377912	SSF x Far_LoA	-9,3053768	0,029	0,305
CHR4	7378053	CHR4:7378053	SSF x Far_LoA	-7,10667286	-0,119	0,307
CHR4	73857	CHR4:73857	SSF x Far_LoA	-10,7021846	0,115	0,304
CHR4	7401571	CHR4:7401571	SSF x Far_LoA	-8,8325413	-0,076	0,318
CHR4	7401574	CHR4:7401574	SSF x Far_LoA	-5,24685653	0,121	0,299
CHR4	7401578	CHR4:7401578	SSF x Far_LoA	-10,8613349	0,037	0,283
CHR4	7401623	CHR4:7401623	SSF x Far_LoA	-7,91993289	0,126	0,283
CHR4	740985	CHR4:740985	SSF x Far_LoA	-7,99432754	-0,001	0,295
CHR4	741029	CHR4:741029	SSF x Far_LoA	-8,09122504	-0,108	0,315
CHR4	7411913	CHR4:7411913	SSF x Far_LoA	-9,04715759	0,022	0,307
CHR4	7418602	CHR4:7418602	SSF x Far_LoA	-12,1233547	-0,023	0,307
CHR4	7426122	CHR4:7426122	SSF x Far_LoA	-9,95288558	0,055	0,307
CHR4	7445665	CHR4:7445665	SSF x Far_LoA	-11,9475654	0,043	0,304
CHR4	7457444	CHR4:7457444	SSF x Far_LoA	-11,6212625	0,043	0,299
CHR4	7474960	CHR4:7474960	SSF x Far_LoA	-6,6656215	-0,002	0,309
CHR4	7486766	CHR4:7486766	SSF x Far_LoA	-9,94994981	0,035	0,312
CHR4	7486767	CHR4:7486767	SSF x Far_LoA	-10,5872113	0,027	0,319
CHR4	7486789	CHR4:7486789	SSF x Far_LoA	-9,90799399	0,046	0,311
CHR4	7486837	CHR4:7486837	SSF x Far_LoA	-9,08087583	0,046	0,310
CHR4	7486887	CHR4:7486887	SSF x Far_LoA	-9,11248999	-0,001	0,326
CHR4	7489490	CHR4:7489490	SSF x Far_LoA	-11,7504819	-0,069	0,295
CHR4	7489765	CHR4:7489765	SSF x Far_LoA	-11,7970489	-0,057	0,314
CHR4	7491704	CHR4:7491704	SSF x Far_LoA	-10,3772797	-0,012	0,294
CHR4	7491732	CHR4:7491732	SSF x Far_LoA	-10,5591585	0,018	0,318
CHR4	7505976	CHR4:7505976	SSF x Far_LoA	-10,3492735	0,041	0,293
CHR4	750625	CHR4:750625	SSF x Far_LoA	-9,53609594	-0,015	0,308
CHR4	7517195	CHR4:7517195	SSF x Far_LoA	-6,55132609	-0,063	0,305
CHR4	7517429	CHR4:7517429	SSF x Far_LoA	-9,51031692	0,045	0,305
CHR4	754344	CHR4:754344	SSF x Far_LoA	-7,87778313	0,120	0,318
CHR4	7551682	CHR4:7551682	SSF x Far_LoA	-9,59510105	0,090	0,318
CHR4	7551683	CHR4:7551683	SSF x Far_LoA	-10,1192597	0,116	0,305
CHR4	7552984	CHR4:7552984	SSF x Far_LoA	-7,59076992	0,052	0,300
CHR4	7553166	CHR4:7553166	SSF x Far_LoA	-9,01586986	-0,098	0,296
CHR4	7553178	CHR4:7553178	SSF x Far_LoA	-9,14719052	-0,094	0,306

CHR4	7553179	CHR4:7553179	SSF x Far_LoA	-8,8473683	-0,083	0,319
CHR4	7558294	CHR4:7558294	SSF x Far_LoA	-8,19060929	0,114	0,312
CHR4	7558334	CHR4:7558334	SSF x Far_LoA	-6,27007521	0,155	0,305
CHR4	7571068	CHR4:7571068	SSF x Far_LoA	-10,8651358	0,081	0,303
CHR4	7571257	CHR4:7571257	SSF x Far_LoA	-10,6052467	0,060	0,307
CHR4	7571293	CHR4:7571293	SSF x Far_LoA	-9,99767975	0,014	0,299
CHR4	7586291	CHR4:7586291	SSF x Far_LoA	-7,31848965	0,124	0,300
CHR4	7586443	CHR4:7586443	SSF x Far_LoA	-11,8920415	-0,026	0,296
CHR4	7586460	CHR4:7586460	SSF x Far_LoA	-9,72379488	0,059	0,320
CHR4	7586504	CHR4:7586504	SSF x Far_LoA	-11,0171165	-0,060	0,311
CHR4	7598733	CHR4:7598733	SSF x Far_LoA	-11,1596083	0,012	0,308
CHR4	7598777	CHR4:7598777	SSF x Far_LoA	-6,83336476	0,176	0,305
CHR4	7598781	CHR4:7598781	SSF x Far_LoA	-9,93776778	-0,059	0,320
CHR4	7598933	CHR4:7598933	SSF x Far_LoA	-10,6259801	-0,012	0,299
CHR4	761348	CHR4:761348	SSF x Far_LoA	-2,4670595	0,115	0,300
CHR4	7615352	CHR4:7615352	SSF x Far_LoA	-4,88662307	0,029	0,318
CHR4	7615370	CHR4:7615370	SSF x Far_LoA	-9,19616766	-0,033	0,320
CHR4	7615412	CHR4:7615412	SSF x Far_LoA	0,02752076	-0,081	0,312
CHR4	7615419	CHR4:7615419	SSF x Far_LoA	-8,73435811	-0,093	0,299
CHR4	7615422	CHR4:7615422	SSF x Far_LoA	-8,91755671	-0,078	0,298
CHR4	7615480	CHR4:7615480	SSF x Far_LoA	-9,05842541	0,093	0,308
CHR4	7625007	CHR4:7625007	SSF x Far_LoA	-7,19575202	0,070	0,307
CHR4	7625050	CHR4:7625050	SSF x Far_LoA	-10,7591177	-0,006	0,299
CHR4	7625100	CHR4:7625100	SSF x Far_LoA	-8,92486151	-0,101	0,302
CHR4	7625195	CHR4:7625195	SSF x Far_LoA	-8,7303817	0,090	0,306
CHR4	7625250	CHR4:7625250	SSF x Far_LoA	-8,82167612	0,093	0,302
CHR4	7627532	CHR4:7627532	SSF x Far_LoA	-7,21994097	0,068	0,304
CHR4	7648047	CHR4:7648047	SSF x Far_LoA	-10,3052709	-0,072	0,297
CHR4	7675536	CHR4:7675536	SSF x Far_LoA	-9,26256511	-0,016	0,293
CHR4	7675639	CHR4:7675639	SSF x Far_LoA	-10,214442	0,000	0,296
CHR4	7681091	CHR4:7681091	SSF x Far_LoA	-10,9248482	0,065	0,303
CHR4	7716816	CHR4:7716816	SSF x Far_LoA	-9,61865407	0,047	0,293
CHR4	7724330	CHR4:7724330	SSF x Far_LoA	-5,81124445	0,130	0,312
CHR4	7733117	CHR4:7733117	SSF x Far_LoA	-11,5037984	0,016	0,307
CHR4	7733183	CHR4:7733183	SSF x Far_LoA	-11,387848	-0,098	0,301
CHR4	773340	CHR4:773340	SSF x Far_LoA	-9,32900239	-0,036	0,308
CHR4	7740796	CHR4:7740796	SSF x Far_LoA	-9,421623	-0,137	0,295
CHR4	7740839	CHR4:7740839	SSF x Far_LoA	-8,82796822	-0,073	0,313
CHR4	7740840	CHR4:7740840	SSF x Far_LoA	-8,58516192	-0,091	0,304
CHR4	7740841	CHR4:7740841	SSF x Far_LoA	-9,43823924	-0,081	0,311
CHR4	7740844	CHR4:7740844	SSF x Far_LoA	-7,33984885	-0,086	0,319
CHR4	7740845	CHR4:7740845	SSF x Far_LoA	-8,65187307	-0,089	0,303
CHR4	7740846	CHR4:7740846	SSF x Far_LoA	-8,48489169	-0,064	0,303
CHR4	7762139	CHR4:7762139	SSF x Far_LoA	-8,97795106	-0,135	0,309
CHR4	7763927	CHR4:7763927	SSF x Far_LoA	-10,5899814	-0,028	0,312
CHR4	7763949	CHR4:7763949	SSF x Far_LoA	-9,98508442	0,026	0,310
CHR4	7763987	CHR4:7763987	SSF x Far_LoA	-8,9685124	-0,037	0,301
CHR4	7771779	CHR4:7771779	SSF x Far_LoA	-9,56272497	-0,046	0,322
CHR4	7771780	CHR4:7771780	SSF x Far_LoA	-8,71942848	0,082	0,302
CHR4	7771795	CHR4:7771795	SSF x Far_LoA	-9,94376063	0,053	0,318
CHR4	7771871	CHR4:7771871	SSF x Far_LoA	-11,6149139	0,014	0,304
CHR4	7772516	CHR4:7772516	SSF x Far_LoA	-9,44607599	-0,073	0,289
CHR4	7772539	CHR4:7772539	SSF x Far_LoA	-9,84468989	-0,063	0,291

CHR4	7772565	CHR4:7772565	SSF x Far_LoA	-8,55280082	0,057	0,320
CHR4	7772571	CHR4:7772571	SSF x Far_LoA	-7,32164544	-0,051	0,314
CHR4	7772629	CHR4:7772629	SSF x Far_LoA	-11,8718199	-0,051	0,296
CHR4	7776788	CHR4:7776788	SSF x Far_LoA	-2,90420888	0,114	0,295
CHR4	7776801	CHR4:7776801	SSF x Far_LoA	-6,99009925	-0,084	0,329
CHR4	7776935	CHR4:7776935	SSF x Far_LoA	-8,63542525	0,147	0,283
CHR4	7784227	CHR4:7784227	SSF x Far_LoA	-10,5227721	0,018	0,287
CHR4	7784242	CHR4:7784242	SSF x Far_LoA	-8,6410054	-0,023	0,314
CHR4	7784264	CHR4:7784264	SSF x Far_LoA	-7,01419514	-0,102	0,297
CHR4	7784304	CHR4:7784304	SSF x Far_LoA	-9,55366216	0,023	0,302
CHR4	7784313	CHR4:7784313	SSF x Far_LoA	-10,1761458	0,007	0,301
CHR4	7784342	CHR4:7784342	SSF x Far_LoA	-8,75819103	0,101	0,306
CHR4	7784376	CHR4:7784376	SSF x Far_LoA	-0,79396552	0,217	0,303
CHR4	7784391	CHR4:7784391	SSF x Far_LoA	-10,4353969	0,034	0,285
CHR4	7784412	CHR4:7784412	SSF x Far_LoA	-10,5526503	-0,007	0,304
CHR4	7788877	CHR4:7788877	SSF x Far_LoA	-9,34963047	-0,071	0,307
CHR4	7788884	CHR4:7788884	SSF x Far_LoA	-10,6721133	-0,082	0,308
CHR4	7788885	CHR4:7788885	SSF x Far_LoA	-7,93781645	-0,092	0,308
CHR4	7788939	CHR4:7788939	SSF x Far_LoA	-11,7161447	0,033	0,303
CHR4	7788982	CHR4:7788982	SSF x Far_LoA	-9,34413103	-0,076	0,315
CHR4	7788984	CHR4:7788984	SSF x Far_LoA	-10,2712687	-0,061	0,317
CHR4	7788995	CHR4:7788995	SSF x Far_LoA	-0,12626217	-0,129	0,308
CHR4	7789038	CHR4:7789038	SSF x Far_LoA	-8,70269334	0,087	0,297
CHR4	7789054	CHR4:7789054	SSF x Far_LoA	-10,8146675	-0,020	0,306
CHR4	7795464	CHR4:7795464	SSF x Far_LoA	-11,3453091	-0,058	0,293
CHR4	7795563	CHR4:7795563	SSF x Far_LoA	-9,05135169	-0,066	0,303
CHR4	7795605	CHR4:7795605	SSF x Far_LoA	-2,80930164	-0,035	0,306
CHR4	7797855	CHR4:7797855	SSF x Far_LoA	-7,92283767	0,076	0,310
CHR4	7801477	CHR4:7801477	SSF x Far_LoA	-7,6432782	0,130	0,296
CHR4	7801519	CHR4:7801519	SSF x Far_LoA	-10,2090624	0,038	0,289
CHR4	7801535	CHR4:7801535	SSF x Far_LoA	-8,77765005	-0,094	0,305
CHR4	7801548	CHR4:7801548	SSF x Far_LoA	-9,39400242	0,018	0,308
CHR4	780691	CHR4:780691	SSF x Far_LoA	-8,84480911	0,010	0,305
CHR4	780724	CHR4:780724	SSF x Far_LoA	-9,54181491	-0,006	0,296
CHR4	780726	CHR4:780726	SSF x Far_LoA	-7,72166369	0,214	0,298
CHR4	780910	CHR4:780910	SSF x Far_LoA	-11,3347132	-0,059	0,298
CHR4	780944	CHR4:780944	SSF x Far_LoA	-10,1448909	-0,057	0,308
CHR4	780984	CHR4:780984	SSF x Far_LoA	-8,62296349	0,055	0,316
CHR4	781030	CHR4:781030	SSF x Far_LoA	-10,9954948	0,079	0,297
CHR4	7813328	CHR4:7813328	SSF x Far_LoA	-9,49336036	0,023	0,307
CHR4	7813335	CHR4:7813335	SSF x Far_LoA	-9,40886075	-0,041	0,314
CHR4	7813384	CHR4:7813384	SSF x Far_LoA	-9,61401148	-0,129	0,304
CHR4	7813394	CHR4:7813394	SSF x Far_LoA	-9,71274094	-0,115	0,308
CHR4	7813401	CHR4:7813401	SSF x Far_LoA	-10,7223258	0,087	0,306
CHR4	7813436	CHR4:7813436	SSF x Far_LoA	-9,53833326	-0,028	0,299
CHR4	7813511	CHR4:7813511	SSF x Far_LoA	-8,26885927	0,062	0,299
CHR4	7813564	CHR4:7813564	SSF x Far_LoA	-9,05796503	-0,021	0,311
CHR4	7813577	CHR4:7813577	SSF x Far_LoA	-10,5426597	0,075	0,303
CHR4	7813593	CHR4:7813593	SSF x Far_LoA	-12,1182295	0,117	0,290
CHR4	7819575	CHR4:7819575	SSF x Far_LoA	-9,45003856	-0,161	0,301
CHR4	7819587	CHR4:7819587	SSF x Far_LoA	-10,5664086	0,014	0,312
CHR4	7819595	CHR4:7819595	SSF x Far_LoA	-8,41200266	0,024	0,294
CHR4	7819627	CHR4:7819627	SSF x Far_LoA	-5,50356594	-0,027	0,316

CHR4	7819682	CHR4:7819682	SSF x Far_LoA	-11,1786753	0,057	0,300
CHR4	7823233	CHR4:7823233	SSF x Far_LoA	-9,24057713	-0,002	0,298
CHR4	7823246	CHR4:7823246	SSF x Far_LoA	-9,81243702	-0,008	0,307
CHR4	7823257	CHR4:7823257	SSF x Far_LoA	-9,85697573	-0,086	0,303
CHR4	7823321	CHR4:7823321	SSF x Far_LoA	-10,670442	0,025	0,314
CHR4	7829241	CHR4:7829241	SSF x Far_LoA	-11,7848839	-0,046	0,305
CHR4	7829751	CHR4:7829751	SSF x Far_LoA	-5,26029554	-0,041	0,303
CHR4	7832349	CHR4:7832349	SSF x Far_LoA	2,27284079	-0,086	0,309
CHR4	783455	CHR4:783455	SSF x Far_LoA	-9,75302	-0,043	0,315
CHR4	783530	CHR4:783530	SSF x Far_LoA	-8,76099709	-0,108	0,290
CHR4	783618	CHR4:783618	SSF x Far_LoA	-9,60303418	-0,027	0,313
CHR4	7839031	CHR4:7839031	SSF x Far_LoA	-9,80490914	0,050	0,307
CHR4	7839044	CHR4:7839044	SSF x Far_LoA	-7,49084212	0,067	0,310
CHR4	7839045	CHR4:7839045	SSF x Far_LoA	-9,63692519	0,059	0,306
CHR4	7861292	CHR4:7861292	SSF x Far_LoA	-2,68664095	-0,154	0,307
CHR4	7861300	CHR4:7861300	SSF x Far_LoA	-6,64524786	-0,077	0,320
CHR4	7861347	CHR4:7861347	SSF x Far_LoA	-9,43506304	-0,031	0,305
CHR4	7861938	CHR4:7861938	SSF x Far_LoA	-11,2583319	-0,032	0,306
CHR4	7874691	CHR4:7874691	SSF x Far_LoA	-8,86422153	0,019	0,312
CHR4	7874757	CHR4:7874757	SSF x Far_LoA	-9,20403323	0,002	0,322
CHR4	7874858	CHR4:7874858	SSF x Far_LoA	-9,96738244	-0,057	0,307
CHR4	7874925	CHR4:7874925	SSF x Far_LoA	-8,07860306	0,095	0,298
CHR4	7880442	CHR4:7880442	SSF x Far_LoA	-8,6113268	0,110	0,305
CHR4	7880569	CHR4:7880569	SSF x Far_LoA	-8,14753671	-0,179	0,299
CHR4	7880574	CHR4:7880574	SSF x Far_LoA	-8,05824007	-0,157	0,312
CHR4	7880575	CHR4:7880575	SSF x Far_LoA	-9,01377161	0,072	0,313
CHR4	7880586	CHR4:7880586	SSF x Far_LoA	-7,83982884	-0,166	0,311
CHR4	7884620	CHR4:7884620	SSF x Far_LoA	-11,4232205	0,058	0,308
CHR4	7884665	CHR4:7884665	SSF x Far_LoA	-9,78148787	0,025	0,308
CHR4	7884736	CHR4:7884736	SSF x Far_LoA	-10,167951	-0,018	0,320
CHR4	7884756	CHR4:7884756	SSF x Far_LoA	-10,7550367	-0,051	0,295
CHR4	7884781	CHR4:7884781	SSF x Far_LoA	-8,41895535	-0,052	0,320
CHR4	7884866	CHR4:7884866	SSF x Far_LoA	-11,6776324	-0,017	0,313
CHR4	7884903	CHR4:7884903	SSF x Far_LoA	-9,48925709	-0,043	0,306
CHR4	7887825	CHR4:7887825	SSF x Far_LoA	-3,64441996	0,095	0,297
CHR4	7889684	CHR4:7889684	SSF x Far_LoA	-7,28686214	0,123	0,317
CHR4	7889705	CHR4:7889705	SSF x Far_LoA	-7,31098368	-0,067	0,319
CHR4	7889768	CHR4:7889768	SSF x Far_LoA	-8,86368739	0,025	0,296
CHR4	7889775	CHR4:7889775	SSF x Far_LoA	-10,9939229	-0,005	0,308
CHR4	7912880	CHR4:7912880	SSF x Far_LoA	-8,59165649	-0,015	0,311
CHR4	7916868	CHR4:7916868	SSF x Far_LoA	-8,43432681	0,087	0,319
CHR4	7917010	CHR4:7917010	SSF x Far_LoA	-7,75725507	0,176	0,305
CHR4	7920305	CHR4:7920305	SSF x Far_LoA	-8,71623016	-0,030	0,316
CHR4	7920355	CHR4:7920355	SSF x Far_LoA	-9,28117276	0,005	0,305
CHR4	7920363	CHR4:7920363	SSF x Far_LoA	-11,3379006	0,000	0,312
CHR4	7920492	CHR4:7920492	SSF x Far_LoA	-8,31929176	-0,080	0,309
CHR4	7920495	CHR4:7920495	SSF x Far_LoA	-8,64728512	-0,015	0,325
CHR4	7920497	CHR4:7920497	SSF x Far_LoA	-9,32130545	0,053	0,299
CHR4	7920499	CHR4:7920499	SSF x Far_LoA	-6,51732953	-0,096	0,298
CHR4	7920502	CHR4:7920502	SSF x Far_LoA	-8,1567852	-0,041	0,303
CHR4	7920515	CHR4:7920515	SSF x Far_LoA	-11,020883	-0,045	0,303
CHR4	7927038	CHR4:7927038	SSF x Far_LoA	-9,18769947	-0,077	0,295
CHR4	7927180	CHR4:7927180	SSF x Far_LoA	-9,49831683	0,069	0,288

CHR4	7927190	CHR4:7927190	SSF x Far_LoA	-4,40038902	-0,206	0,304
CHR4	7927217	CHR4:7927217	SSF x Far_LoA	-3,76354454	0,200	0,290
CHR4	7927288	CHR4:7927288	SSF x Far_LoA	-9,50846274	-0,062	0,313
CHR4	7952697	CHR4:7952697	SSF x Far_LoA	-9,77086746	-0,018	0,302
CHR4	7952770	CHR4:7952770	SSF x Far_LoA	-9,47287472	-0,073	0,331
CHR4	7952894	CHR4:7952894	SSF x Far_LoA	-9,48968774	0,048	0,307
CHR4	7970105	CHR4:7970105	SSF x Far_LoA	-11,3745444	-0,035	0,300
CHR4	7970199	CHR4:7970199	SSF x Far_LoA	-7,62103133	0,080	0,308
CHR4	7970254	CHR4:7970254	SSF x Far_LoA	-10,8434487	0,039	0,306
CHR4	7973755	CHR4:7973755	SSF x Far_LoA	-9,75209297	-0,009	0,303
CHR4	7973758	CHR4:7973758	SSF x Far_LoA	-9,84155997	-0,022	0,311
CHR4	7980526	CHR4:7980526	SSF x Far_LoA	-11,7840484	0,009	0,289
CHR4	7980603	CHR4:7980603	SSF x Far_LoA	-11,5613438	-0,025	0,286
CHR4	7982081	CHR4:7982081	SSF x Far_LoA	-9,62806388	0,046	0,312
CHR4	7995043	CHR4:7995043	SSF x Far_LoA	-9,76968161	-0,008	0,299
CHR4	8003445	CHR4:8003445	SSF x Far_LoA	-10,2791147	-0,121	0,302
CHR4	8006503	CHR4:8006503	SSF x Far_LoA	-7,61171701	-0,115	0,293
CHR4	8015307	CHR4:8015307	SSF x Far_LoA	-10,881518	0,098	0,305
CHR4	8015445	CHR4:8015445	SSF x Far_LoA	-11,0568874	-0,039	0,301
CHR4	8017523	CHR4:8017523	SSF x Far_LoA	-10,5209124	-0,051	0,311
CHR4	8023782	CHR4:8023782	SSF x Far_LoA	-7,70561281	0,138	0,318
CHR4	8025764	CHR4:8025764	SSF x Far_LoA	-8,91673355	-0,112	0,315
CHR4	8033508	CHR4:8033508	SSF x Far_LoA	-9,49186576	0,088	0,315
CHR4	8051991	CHR4:8051991	SSF x Far_LoA	-9,02463142	0,155	0,309
CHR4	8052028	CHR4:8052028	SSF x Far_LoA	-10,9442182	-0,102	0,305
CHR4	8052103	CHR4:8052103	SSF x Far_LoA	-5,97423567	0,208	0,300
CHR4	8054325	CHR4:8054325	SSF x Far_LoA	-3,37600257	-0,118	0,302
CHR4	8054366	CHR4:8054366	SSF x Far_LoA	-9,18087125	0,020	0,306
CHR4	8054402	CHR4:8054402	SSF x Far_LoA	-9,32834115	-0,031	0,303
CHR4	8054433	CHR4:8054433	SSF x Far_LoA	-6,62906024	-0,008	0,300
CHR4	8054550	CHR4:8054550	SSF x Far_LoA	-11,2046254	0,073	0,306
CHR4	805661	CHR4:805661	SSF x Far_LoA	-11,0914021	-0,038	0,315
CHR4	805675	CHR4:805675	SSF x Far_LoA	-7,43945787	-0,120	0,307
CHR4	8060914	CHR4:8060914	SSF x Far_LoA	-10,6080643	0,048	0,319
CHR4	8060927	CHR4:8060927	SSF x Far_LoA	-6,90709247	0,019	0,310
CHR4	8060978	CHR4:8060978	SSF x Far_LoA	-8,59832881	-0,002	0,311
CHR4	8061005	CHR4:8061005	SSF x Far_LoA	-9,79108202	0,018	0,305
CHR4	8061011	CHR4:8061011	SSF x Far_LoA	-11,5292536	-0,005	0,307
CHR4	8063039	CHR4:8063039	SSF x Far_LoA	-9,21336151	0,009	0,315
CHR4	8075086	CHR4:8075086	SSF x Far_LoA	-9,94084885	0,021	0,304
CHR4	8075102	CHR4:8075102	SSF x Far_LoA	-11,3266289	-0,079	0,295
CHR4	8075107	CHR4:8075107	SSF x Far_LoA	-8,34136079	0,037	0,307
CHR4	8075123	CHR4:8075123	SSF x Far_LoA	-9,57823174	0,027	0,299
CHR4	8075126	CHR4:8075126	SSF x Far_LoA	-9,10509982	-0,032	0,301
CHR4	8075138	CHR4:8075138	SSF x Far_LoA	-9,26762641	-0,059	0,300
CHR4	8075197	CHR4:8075197	SSF x Far_LoA	-7,10218717	-0,101	0,308
CHR4	8075214	CHR4:8075214	SSF x Far_LoA	-3,62465573	0,016	0,307
CHR4	8075258	CHR4:8075258	SSF x Far_LoA	-11,1100917	-0,141	0,298
CHR4	8075270	CHR4:8075270	SSF x Far_LoA	-8,63495659	-0,063	0,307
CHR4	8075360	CHR4:8075360	SSF x Far_LoA	-8,80081469	-0,125	0,302
CHR4	8081007	CHR4:8081007	SSF x Far_LoA	-10,7484295	0,076	0,293
CHR4	8087051	CHR4:8087051	SSF x Far_LoA	-10,5806682	-0,059	0,310
CHR4	8087054	CHR4:8087054	SSF x Far_LoA	-10,1266863	-0,052	0,303

CHR4	8087067	CHR4:8087067	SSF x Far_LoA	-6,65080669	-0,059	0,311
CHR4	8087068	CHR4:8087068	SSF x Far_LoA	-9,33917992	-0,060	0,307
CHR4	8087073	CHR4:8087073	SSF x Far_LoA	-10,1118061	-0,089	0,302
CHR4	8087104	CHR4:8087104	SSF x Far_LoA	-11,3361988	-0,012	0,302
CHR4	8087106	CHR4:8087106	SSF x Far_LoA	-10,8346588	-0,049	0,305
CHR4	8087113	CHR4:8087113	SSF x Far_LoA	-10,0118735	-0,021	0,312
CHR4	8087122	CHR4:8087122	SSF x Far_LoA	-10,0718908	-0,038	0,319
CHR4	8087131	CHR4:8087131	SSF x Far_LoA	-9,85844068	0,006	0,319
CHR4	8087132	CHR4:8087132	SSF x Far_LoA	-10,4415965	-0,050	0,318
CHR4	8087134	CHR4:8087134	SSF x Far_LoA	-7,02987818	-0,058	0,312
CHR4	8087143	CHR4:8087143	SSF x Far_LoA	-1,40064005	-0,057	0,308
CHR4	8087149	CHR4:8087149	SSF x Far_LoA	-7,73410972	-0,019	0,320
CHR4	8087150	CHR4:8087150	SSF x Far_LoA	-9,70837993	-0,043	0,323
CHR4	8087155	CHR4:8087155	SSF x Far_LoA	-10,1082517	-0,066	0,302
CHR4	8087180	CHR4:8087180	SSF x Far_LoA	-10,9402318	-0,024	0,303
CHR4	8128139	CHR4:8128139	SSF x Far_LoA	-6,93009205	0,074	0,297
CHR4	8135321	CHR4:8135321	SSF x Far_LoA	-8,3345923	0,043	0,315
CHR4	8135388	CHR4:8135388	SSF x Far_LoA	-10,8204259	0,057	0,301
CHR4	8135444	CHR4:8135444	SSF x Far_LoA	-8,82535992	-0,065	0,307
CHR4	8135454	CHR4:8135454	SSF x Far_LoA	-8,17783827	-0,006	0,302
CHR4	8135495	CHR4:8135495	SSF x Far_LoA	-11,2672023	0,131	0,285
CHR4	813897	CHR4:813897	SSF x Far_LoA	-7,28022998	-0,081	0,303
CHR4	8140450	CHR4:8140450	SSF x Far_LoA	-11,014584	-0,023	0,320
CHR4	8140546	CHR4:8140546	SSF x Far_LoA	-8,83797383	-0,152	0,313
CHR4	8140599	CHR4:8140599	SSF x Far_LoA	-11,1190508	0,030	0,318
CHR4	8141499	CHR4:8141499	SSF x Far_LoA	-10,9467387	0,043	0,311
CHR4	8141514	CHR4:8141514	SSF x Far_LoA	-8,8707151	0,052	0,293
CHR4	8141516	CHR4:8141516	SSF x Far_LoA	-9,90040229	0,069	0,295
CHR4	8141522	CHR4:8141522	SSF x Far_LoA	-4,0196333	0,126	0,301
CHR4	8141530	CHR4:8141530	SSF x Far_LoA	-7,72337156	-0,061	0,316
CHR4	8141537	CHR4:8141537	SSF x Far_LoA	-10,11484	0,040	0,292
CHR4	8141547	CHR4:8141547	SSF x Far_LoA	-8,82943877	-0,109	0,294
CHR4	8141550	CHR4:8141550	SSF x Far_LoA	-9,94090675	0,038	0,310
CHR4	8141573	CHR4:8141573	SSF x Far_LoA	-11,3288733	-0,047	0,314
CHR4	8141582	CHR4:8141582	SSF x Far_LoA	-8,98992383	-0,061	0,304
CHR4	8141584	CHR4:8141584	SSF x Far_LoA	-8,01518219	-0,047	0,306
CHR4	8141624	CHR4:8141624	SSF x Far_LoA	-5,31733672	0,073	0,305
CHR4	8141640	CHR4:8141640	SSF x Far_LoA	-9,85559738	0,120	0,292
CHR4	8141651	CHR4:8141651	SSF x Far_LoA	-6,74405004	-0,017	0,305
CHR4	8141692	CHR4:8141692	SSF x Far_LoA	-9,44692732	0,047	0,292
CHR4	8141709	CHR4:8141709	SSF x Far_LoA	-8,36390933	0,069	0,319
CHR4	8141728	CHR4:8141728	SSF x Far_LoA	-10,0326361	0,000	0,300
CHR4	8141746	CHR4:8141746	SSF x Far_LoA	-8,60069295	0,043	0,303
CHR4	8151159	CHR4:8151159	SSF x Far_LoA	-10,0487996	0,089	0,314
CHR4	8151261	CHR4:8151261	SSF x Far_LoA	-7,49172059	-0,079	0,309
CHR4	8151262	CHR4:8151262	SSF x Far_LoA	-10,8838229	0,035	0,306
CHR4	8151300	CHR4:8151300	SSF x Far_LoA	-8,79640651	0,057	0,302
CHR4	8151349	CHR4:8151349	SSF x Far_LoA	-9,18643524	-0,037	0,309
CHR4	8151350	CHR4:8151350	SSF x Far_LoA	-8,57966269	-0,038	0,305
CHR4	8151377	CHR4:8151377	SSF x Far_LoA	-4,090076	-0,005	0,303
CHR4	8151417	CHR4:8151417	SSF x Far_LoA	-7,16579009	-0,004	0,321
CHR4	8158068	CHR4:8158068	SSF x Far_LoA	-11,1105573	0,041	0,318
CHR4	8165069	CHR4:8165069	SSF x Far_LoA	-9,80112323	-0,067	0,306

CHR4	8165103	CHR4:8165103	SSF x Far_LoA	-9,35718343	-0,054	0,303
CHR4	8165109	CHR4:8165109	SSF x Far_LoA	-8,85133306	-0,019	0,318
CHR4	8165142	CHR4:8165142	SSF x Far_LoA	-10,7345848	0,019	0,300
CHR4	8165957	CHR4:8165957	SSF x Far_LoA	-9,69683054	-0,062	0,307
CHR4	8165973	CHR4:8165973	SSF x Far_LoA	-7,70420677	0,142	0,296
CHR4	8166030	CHR4:8166030	SSF x Far_LoA	-10,5475773	-0,048	0,300
CHR4	8166053	CHR4:8166053	SSF x Far_LoA	-10,2697099	-0,082	0,313
CHR4	8166067	CHR4:8166067	SSF x Far_LoA	-9,64252957	-0,005	0,309
CHR4	8166100	CHR4:8166100	SSF x Far_LoA	-7,79866521	0,097	0,299
CHR4	8166111	CHR4:8166111	SSF x Far_LoA	-10,8772852	-0,008	0,304
CHR4	8166189	CHR4:8166189	SSF x Far_LoA	-8,95480486	0,069	0,309
CHR4	8166244	CHR4:8166244	SSF x Far_LoA	-9,1425693	-0,035	0,302
CHR4	817581	CHR4:817581	SSF x Far_LoA	-7,79251484	-0,039	0,305
CHR4	822452	CHR4:822452	SSF x Far_LoA	-10,4411528	-0,112	0,324
CHR4	8233022	CHR4:8233022	SSF x Far_LoA	-12,0007604	-0,048	0,301
CHR4	8243506	CHR4:8243506	SSF x Far_LoA	-8,72927956	-0,052	0,302
CHR4	8250832	CHR4:8250832	SSF x Far_LoA	-7,1204754	0,107	0,294
CHR4	8250845	CHR4:8250845	SSF x Far_LoA	-9,04050287	-0,064	0,312
CHR4	8250924	CHR4:8250924	SSF x Far_LoA	-11,4690318	0,013	0,307
CHR4	8251013	CHR4:8251013	SSF x Far_LoA	-11,0223455	-0,019	0,298
CHR4	8262413	CHR4:8262413	SSF x Far_LoA	-9,76792007	0,088	0,302
CHR4	827907	CHR4:827907	SSF x Far_LoA	-8,40093724	-0,050	0,299
CHR4	827934	CHR4:827934	SSF x Far_LoA	-7,51025582	-0,091	0,291
CHR4	827947	CHR4:827947	SSF x Far_LoA	-5,62290967	-0,066	0,295
CHR4	827949	CHR4:827949	SSF x Far_LoA	-8,24021108	0,077	0,310
CHR4	8293311	CHR4:8293311	SSF x Far_LoA	-8,13259401	-0,128	0,311
CHR4	8309989	CHR4:8309989	SSF x Far_LoA	-8,35615402	-0,064	0,303
CHR4	8316347	CHR4:8316347	SSF x Far_LoA	-6,20718529	0,093	0,319
CHR4	8316924	CHR4:8316924	SSF x Far_LoA	-10,0082676	-0,036	0,305
CHR4	8357130	CHR4:8357130	SSF x Far_LoA	-9,55913103	0,055	0,316
CHR4	8357159	CHR4:8357159	SSF x Far_LoA	-10,79502	0,084	0,301
CHR4	8360110	CHR4:8360110	SSF x Far_LoA	-10,2071147	0,022	0,313
CHR4	8360113	CHR4:8360113	SSF x Far_LoA	-8,8795612	-0,076	0,295
CHR4	8378278	CHR4:8378278	SSF x Far_LoA	-10,5993249	0,070	0,294
CHR4	8391062	CHR4:8391062	SSF x Far_LoA	-10,4239446	-0,109	0,295
CHR4	8397648	CHR4:8397648	SSF x Far_LoA	-10,8860349	0,050	0,302
CHR4	8401957	CHR4:8401957	SSF x Far_LoA	-11,6054053	0,038	0,299
CHR4	8402185	CHR4:8402185	SSF x Far_LoA	-6,89450726	-0,004	0,295
CHR4	8404612	CHR4:8404612	SSF x Far_LoA	-10,8503675	0,027	0,296
CHR4	8404615	CHR4:8404615	SSF x Far_LoA	-9,22635281	0,058	0,295
CHR4	8404617	CHR4:8404617	SSF x Far_LoA	-9,19184288	0,000	0,310
CHR4	8408020	CHR4:8408020	SSF x Far_LoA	-9,62377811	0,019	0,317
CHR4	8408060	CHR4:8408060	SSF x Far_LoA	-9,79056003	-0,043	0,280
CHR4	8408126	CHR4:8408126	SSF x Far_LoA	-8,7009217	0,027	0,305
CHR4	8408128	CHR4:8408128	SSF x Far_LoA	-9,32646204	0,040	0,324
CHR4	8408150	CHR4:8408150	SSF x Far_LoA	-10,1042912	0,086	0,307
CHR4	8408222	CHR4:8408222	SSF x Far_LoA	-10,7120881	-0,040	0,303
CHR4	8412728	CHR4:8412728	SSF x Far_LoA	-10,3382016	0,038	0,314
CHR4	8412734	CHR4:8412734	SSF x Far_LoA	-9,58249103	-0,046	0,289
CHR4	8415585	CHR4:8415585	SSF x Far_LoA	-9,78154645	0,000	0,309
CHR4	8415596	CHR4:8415596	SSF x Far_LoA	-9,64506509	-0,059	0,314
CHR4	8415876	CHR4:8415876	SSF x Far_LoA	-9,6668321	0,049	0,309
CHR4	8415883	CHR4:8415883	SSF x Far_LoA	-8,92394054	0,040	0,311

CHR4	8415903	CHR4:8415903	SSF x Far_LoA	-4,94965341	-0,170	0,312
CHR4	8415948	CHR4:8415948	SSF x Far_LoA	-9,40981357	0,066	0,310
CHR4	8418592	CHR4:8418592	SSF x Far_LoA	-10,176791	0,060	0,307
CHR4	8418745	CHR4:8418745	SSF x Far_LoA	-8,12900304	-0,038	0,325
CHR4	8420992	CHR4:8420992	SSF x Far_LoA	-8,107775	0,100	0,314
CHR4	8421051	CHR4:8421051	SSF x Far_LoA	-8,97697616	0,055	0,319
CHR4	8426756	CHR4:8426756	SSF x Far_LoA	-9,80005389	-0,067	0,316
CHR4	8426807	CHR4:8426807	SSF x Far_LoA	-8,35488704	-0,072	0,304
CHR4	8426818	CHR4:8426818	SSF x Far_LoA	-8,35412744	-0,039	0,304
CHR4	8426929	CHR4:8426929	SSF x Far_LoA	-10,0817008	-0,011	0,317
CHR4	8436159	CHR4:8436159	SSF x Far_LoA	-9,58532968	0,036	0,307
CHR4	8436348	CHR4:8436348	SSF x Far_LoA	-10,9082842	-0,051	0,302
CHR4	8449051	CHR4:8449051	SSF x Far_LoA	-10,7678889	-0,101	0,318
CHR4	8451744	CHR4:8451744	SSF x Far_LoA	-7,18559558	-0,136	0,309
CHR4	8453354	CHR4:8453354	SSF x Far_LoA	-8,73983023	0,049	0,311
CHR4	8453405	CHR4:8453405	SSF x Far_LoA	-10,8296488	-0,070	0,313
CHR4	8453415	CHR4:8453415	SSF x Far_LoA	-11,6522854	-0,038	0,314
CHR4	8475935	CHR4:8475935	SSF x Far_LoA	-6,73285504	0,013	0,311
CHR4	8475939	CHR4:8475939	SSF x Far_LoA	-8,80141574	0,051	0,299
CHR4	8476126	CHR4:8476126	SSF x Far_LoA	-11,2944076	0,082	0,306
CHR4	8476160	CHR4:8476160	SSF x Far_LoA	-5,90674774	-0,072	0,313
CHR4	8476210	CHR4:8476210	SSF x Far_LoA	-8,72448721	0,065	0,299
CHR4	8491148	CHR4:8491148	SSF x Far_LoA	-9,18642218	0,027	0,316
CHR4	8492546	CHR4:8492546	SSF x Far_LoA	-8,03300306	-0,104	0,322
CHR4	8496856	CHR4:8496856	SSF x Far_LoA	-9,19732562	-0,090	0,293
CHR4	8537316	CHR4:8537316	SSF x Far_LoA	-9,14103368	-0,007	0,291
CHR4	8537328	CHR4:8537328	SSF x Far_LoA	-12,5078617	0,042	0,293
CHR4	8537377	CHR4:8537377	SSF x Far_LoA	-6,82165074	-0,127	0,316
CHR4	8539833	CHR4:8539833	SSF x Far_LoA	-10,0747865	0,035	0,310
CHR4	8539881	CHR4:8539881	SSF x Far_LoA	-9,43761988	-0,013	0,318
CHR4	8539906	CHR4:8539906	SSF x Far_LoA	-9,35570217	-0,025	0,300
CHR4	8539914	CHR4:8539914	SSF x Far_LoA	-6,66819466	-0,102	0,308
CHR4	8541272	CHR4:8541272	SSF x Far_LoA	-10,8679795	0,038	0,305
CHR4	8550962	CHR4:8550962	SSF x Far_LoA	-11,6760326	-0,016	0,295
CHR4	8551071	CHR4:8551071	SSF x Far_LoA	-10,7511164	-0,027	0,319
CHR4	8551087	CHR4:8551087	SSF x Far_LoA	-5,36968628	-0,029	0,320
CHR4	8551127	CHR4:8551127	SSF x Far_LoA	-10,9197853	0,069	0,307
CHR4	8551171	CHR4:8551171	SSF x Far_LoA	-10,6312221	0,006	0,303
CHR4	8559915	CHR4:8559915	SSF x Far_LoA	-10,3053967	-0,024	0,310
CHR4	8559952	CHR4:8559952	SSF x Far_LoA	-8,14423786	-0,070	0,309
CHR4	8563529	CHR4:8563529	SSF x Far_LoA	-8,55667538	-0,013	0,304
CHR4	8569019	CHR4:8569019	SSF x Far_LoA	-8,89726944	0,048	0,320
CHR4	8569040	CHR4:8569040	SSF x Far_LoA	-9,43020275	-0,150	0,300
CHR4	8569041	CHR4:8569041	SSF x Far_LoA	-10,7559303	0,045	0,302
CHR4	8569111	CHR4:8569111	SSF x Far_LoA	-8,59664541	0,126	0,298
CHR4	8569160	CHR4:8569160	SSF x Far_LoA	-7,79920398	0,127	0,301
CHR4	8569185	CHR4:8569185	SSF x Far_LoA	-8,02006685	0,072	0,306
CHR4	8569210	CHR4:8569210	SSF x Far_LoA	-7,78018758	0,126	0,314
CHR4	8569224	CHR4:8569224	SSF x Far_LoA	-5,94862429	-0,195	0,295
CHR4	8569231	CHR4:8569231	SSF x Far_LoA	-7,64578179	0,116	0,311
CHR4	8569276	CHR4:8569276	SSF x Far_LoA	-6,19178849	-0,166	0,302
CHR4	8569352	CHR4:8569352	SSF x Far_LoA	-10,3607054	0,020	0,317
CHR4	8580531	CHR4:8580531	SSF x Far_LoA	-8,75751916	0,074	0,311

CHR4	8580539	CHR4:8580539	SSF x Far_LoA	-7,13655096	0,091	0,300
CHR4	8580567	CHR4:8580567	SSF x Far_LoA	-11,596955	0,004	0,312
CHR4	8580593	CHR4:8580593	SSF x Far_LoA	-8,54665711	0,024	0,311
CHR4	8585392	CHR4:8585392	SSF x Far_LoA	-9,99075426	-0,033	0,311
CHR4	8585393	CHR4:8585393	SSF x Far_LoA	-8,50789453	-0,044	0,319
CHR4	8585407	CHR4:8585407	SSF x Far_LoA	-10,5546398	0,102	0,299
CHR4	8585429	CHR4:8585429	SSF x Far_LoA	-9,15813562	0,105	0,301
CHR4	8589829	CHR4:8589829	SSF x Far_LoA	-7,69345851	0,034	0,311
CHR4	8589832	CHR4:8589832	SSF x Far_LoA	-10,0603152	0,039	0,310
CHR4	8589935	CHR4:8589935	SSF x Far_LoA	-8,00743565	-0,047	0,302
CHR4	8589974	CHR4:8589974	SSF x Far_LoA	-5,35839083	0,051	0,304
CHR4	8589996	CHR4:8589996	SSF x Far_LoA	-5,71313178	-0,210	0,290
CHR4	8589997	CHR4:8589997	SSF x Far_LoA	-9,13466645	-0,070	0,311
CHR4	8590023	CHR4:8590023	SSF x Far_LoA	-3,61171021	-0,202	0,300
CHR4	8590025	CHR4:8590025	SSF x Far_LoA	-11,8273944	0,012	0,295
CHR4	8590040	CHR4:8590040	SSF x Far_LoA	-6,84521008	0,139	0,304
CHR4	8597764	CHR4:8597764	SSF x Far_LoA	-9,75600987	0,009	0,299
CHR4	8597795	CHR4:8597795	SSF x Far_LoA	-11,8829672	-0,029	0,307
CHR4	8600475	CHR4:8600475	SSF x Far_LoA	-9,8866917	-0,013	0,290
CHR4	8600541	CHR4:8600541	SSF x Far_LoA	-11,3291554	0,030	0,312
CHR4	8600595	CHR4:8600595	SSF x Far_LoA	-9,75338985	-0,076	0,301
CHR4	8600596	CHR4:8600596	SSF x Far_LoA	-9,79971251	0,081	0,292
CHR4	8600699	CHR4:8600699	SSF x Far_LoA	-7,72640157	0,145	0,318
CHR4	8612847	CHR4:8612847	SSF x Far_LoA	-12,203564	0,054	0,302
CHR4	8613033	CHR4:8613033	SSF x Far_LoA	-10,0993651	-0,120	0,310
CHR4	8613038	CHR4:8613038	SSF x Far_LoA	-7,79494991	0,107	0,292
CHR4	8613055	CHR4:8613055	SSF x Far_LoA	-8,21354944	-0,145	0,297
CHR4	8613117	CHR4:8613117	SSF x Far_LoA	-5,29551873	-0,190	0,299
CHR4	8613118	CHR4:8613118	SSF x Far_LoA	-8,96472853	0,016	0,285
CHR4	8613134	CHR4:8613134	SSF x Far_LoA	-7,52607924	-0,126	0,304
CHR4	8628281	CHR4:8628281	SSF x Far_LoA	-10,3980685	-0,033	0,296
CHR4	8632741	CHR4:8632741	SSF x Far_LoA	-11,112646	-0,017	0,305
CHR4	8637179	CHR4:8637179	SSF x Far_LoA	-10,9135835	-0,041	0,305
CHR4	865338	CHR4:865338	SSF x Far_LoA	-11,1417606	0,023	0,306
CHR4	8655586	CHR4:8655586	SSF x Far_LoA	-9,16086327	0,003	0,301
CHR4	8666831	CHR4:8666831	SSF x Far_LoA	-11,5319311	-0,062	0,307
CHR4	8674601	CHR4:8674601	SSF x Far_LoA	-9,1634123	0,003	0,296
CHR4	8674614	CHR4:8674614	SSF x Far_LoA	-8,83127313	-0,047	0,298
CHR4	8675982	CHR4:8675982	SSF x Far_LoA	-11,0635909	-0,018	0,300
CHR4	8676081	CHR4:8676081	SSF x Far_LoA	-10,7823041	0,103	0,302
CHR4	868044	CHR4:868044	SSF x Far_LoA	-8,86669015	0,040	0,313
CHR4	8683218	CHR4:8683218	SSF x Far_LoA	-9,15283602	0,124	0,308
CHR4	8686321	CHR4:8686321	SSF x Far_LoA	-11,3810736	0,014	0,304
CHR4	8686327	CHR4:8686327	SSF x Far_LoA	-8,62173233	-0,001	0,305
CHR4	8686336	CHR4:8686336	SSF x Far_LoA	-9,10379675	0,007	0,306
CHR4	8686347	CHR4:8686347	SSF x Far_LoA	-8,00808623	0,004	0,307
CHR4	8686348	CHR4:8686348	SSF x Far_LoA	-11,2941523	-0,004	0,308
CHR4	8691051	CHR4:8691051	SSF x Far_LoA	-7,69968227	0,115	0,286
CHR4	8691061	CHR4:8691061	SSF x Far_LoA	-9,53862678	-0,005	0,312
CHR4	8691075	CHR4:8691075	SSF x Far_LoA	-8,7793283	0,063	0,311
CHR4	8691141	CHR4:8691141	SSF x Far_LoA	-8,42585786	0,029	0,311
CHR4	8691215	CHR4:8691215	SSF x Far_LoA	-8,75559231	-0,099	0,306
CHR4	869203	CHR4:869203	SSF x Far_LoA	-10,2431318	-0,079	0,308

CHR4	869207	CHR4:869207	SSF x Far_LoA	-9,5328579	0,116	0,304
CHR4	869222	CHR4:869222	SSF x Far_LoA	-11,9348416	-0,015	0,294
CHR4	8699071	CHR4:8699071	SSF x Far_LoA	-9,83682435	0,054	0,305
CHR4	8699084	CHR4:8699084	SSF x Far_LoA	-9,22451389	0,142	0,303
CHR4	8699096	CHR4:8699096	SSF x Far_LoA	-10,1010095	0,074	0,312
CHR4	8699116	CHR4:8699116	SSF x Far_LoA	-9,04339321	-0,047	0,306
CHR4	8699182	CHR4:8699182	SSF x Far_LoA	-9,33408527	0,057	0,315
CHR4	8699183	CHR4:8699183	SSF x Far_LoA	-9,65655522	0,015	0,298
CHR4	8699207	CHR4:8699207	SSF x Far_LoA	-1,09619578	-0,153	0,310
CHR4	8726308	CHR4:8726308	SSF x Far_LoA	-8,05873872	0,150	0,295
CHR4	8726376	CHR4:8726376	SSF x Far_LoA	-4,56994211	0,251	0,283
CHR4	8726379	CHR4:8726379	SSF x Far_LoA	0,36215482	0,249	0,290
CHR4	8726403	CHR4:8726403	SSF x Far_LoA	-7,67117322	0,265	0,281
CHR4	8726404	CHR4:8726404	SSF x Far_LoA	-2,7887206	0,238	0,294
CHR4	8726427	CHR4:8726427	SSF x Far_LoA	-7,36281916	0,092	0,314
CHR4	8741323	CHR4:8741323	SSF x Far_LoA	-10,7912839	-0,050	0,316
CHR4	8741324	CHR4:8741324	SSF x Far_LoA	-10,9656926	-0,027	0,312
CHR4	8741632	CHR4:8741632	SSF x Far_LoA	-11,359937	0,038	0,304
CHR4	8757901	CHR4:8757901	SSF x Far_LoA	-11,5406214	-0,006	0,291
CHR4	8757947	CHR4:8757947	SSF x Far_LoA	-11,0224236	0,006	0,307
CHR4	8757966	CHR4:8757966	SSF x Far_LoA	-7,85708119	0,046	0,297
CHR4	8757987	CHR4:8757987	SSF x Far_LoA	-9,05513207	0,068	0,312
CHR4	8758013	CHR4:8758013	SSF x Far_LoA	-11,0143	-0,058	0,297
CHR4	8761670	CHR4:8761670	SSF x Far_LoA	-6,19558911	-0,013	0,313
CHR4	8761780	CHR4:8761780	SSF x Far_LoA	-9,19926032	-0,034	0,304
CHR4	876301	CHR4:876301	SSF x Far_LoA	-10,0152449	0,073	0,327
CHR4	8765721	CHR4:8765721	SSF x Far_LoA	-8,53948429	-0,029	0,305
CHR4	8765897	CHR4:8765897	SSF x Far_LoA	-9,41083801	0,093	0,318
CHR4	8765915	CHR4:8765915	SSF x Far_LoA	-6,80227581	0,082	0,308
CHR4	8765947	CHR4:8765947	SSF x Far_LoA	-8,6604175	0,037	0,294
CHR4	8768735	CHR4:8768735	SSF x Far_LoA	-11,0827406	-0,043	0,295
CHR4	8768763	CHR4:8768763	SSF x Far_LoA	-7,60829912	-0,005	0,310
CHR4	8768794	CHR4:8768794	SSF x Far_LoA	-7,83559009	0,012	0,308
CHR4	8768804	CHR4:8768804	SSF x Far_LoA	-10,2144275	-0,042	0,306
CHR4	8770830	CHR4:8770830	SSF x Far_LoA	-7,91115277	-0,038	0,305
CHR4	8770833	CHR4:8770833	SSF x Far_LoA	-10,2200243	-0,063	0,304
CHR4	8774818	CHR4:8774818	SSF x Far_LoA	-9,17777402	0,023	0,310
CHR4	8774843	CHR4:8774843	SSF x Far_LoA	-9,00934192	0,019	0,314
CHR4	8774900	CHR4:8774900	SSF x Far_LoA	-5,61168466	-0,199	0,275
CHR4	8774955	CHR4:8774955	SSF x Far_LoA	-7,57252751	-0,049	0,314
CHR4	8774956	CHR4:8774956	SSF x Far_LoA	-10,8905364	0,081	0,297
CHR4	8775017	CHR4:8775017	SSF x Far_LoA	-9,90941847	0,144	0,302
CHR4	8775031	CHR4:8775031	SSF x Far_LoA	-10,4477725	-0,007	0,310
CHR4	8775052	CHR4:8775052	SSF x Far_LoA	-10,0930617	-0,036	0,316
CHR4	8775084	CHR4:8775084	SSF x Far_LoA	-11,6915124	0,048	0,311
CHR4	8775092	CHR4:8775092	SSF x Far_LoA	-9,30880935	-0,017	0,302
CHR4	8775124	CHR4:8775124	SSF x Far_LoA	-8,99554372	0,000	0,312
CHR4	8776706	CHR4:8776706	SSF x Far_LoA	-9,08326122	0,026	0,306
CHR4	8788175	CHR4:8788175	SSF x Far_LoA	-9,99418454	0,004	0,308
CHR4	8788180	CHR4:8788180	SSF x Far_LoA	-11,3504077	0,056	0,305
CHR4	8788200	CHR4:8788200	SSF x Far_LoA	-10,91147	-0,087	0,295
CHR4	8788228	CHR4:8788228	SSF x Far_LoA	-10,3617671	0,052	0,305
CHR4	8788408	CHR4:8788408	SSF x Far_LoA	-7,308769	0,134	0,294

CHR4	8789320	CHR4:8789320	SSF x Far_LoA	-10,1935633	0,058	0,293
CHR4	8789332	CHR4:8789332	SSF x Far_LoA	-9,30671778	-0,052	0,314
CHR4	879455	CHR4:879455	SSF x Far_LoA	-11,2482006	-0,049	0,306
CHR4	879676	CHR4:879676	SSF x Far_LoA	-10,7437906	-0,018	0,298
CHR4	8808679	CHR4:8808679	SSF x Far_LoA	-10,0331412	-0,071	0,299
CHR4	8808877	CHR4:8808877	SSF x Far_LoA	-4,57401027	-0,027	0,302
CHR4	8810404	CHR4:8810404	SSF x Far_LoA	-7,76469308	0,154	0,309
CHR4	8810488	CHR4:8810488	SSF x Far_LoA	-10,3550384	0,121	0,308
CHR4	8811245	CHR4:8811245	SSF x Far_LoA	-10,7129091	0,145	0,301
CHR4	881382	CHR4:881382	SSF x Far_LoA	-6,92216733	-0,143	0,307
CHR4	8814668	CHR4:8814668	SSF x Far_LoA	-10,686768	0,036	0,296
CHR4	8814887	CHR4:8814887	SSF x Far_LoA	-6,35316078	-0,164	0,307
CHR4	8816759	CHR4:8816759	SSF x Far_LoA	-6,85774143	0,179	0,284
CHR4	881871	CHR4:881871	SSF x Far_LoA	-8,96083502	0,097	0,309
CHR4	8821219	CHR4:8821219	SSF x Far_LoA	-8,15947847	-0,099	0,303
CHR4	8821344	CHR4:8821344	SSF x Far_LoA	-11,7218549	0,069	0,295
CHR4	8821365	CHR4:8821365	SSF x Far_LoA	-8,66990856	0,032	0,306
CHR4	8823736	CHR4:8823736	SSF x Far_LoA	-9,4185584	0,015	0,302
CHR4	8823803	CHR4:8823803	SSF x Far_LoA	-9,81644661	0,136	0,292
CHR4	8832645	CHR4:8832645	SSF x Far_LoA	-9,52197432	-0,039	0,305
CHR4	8835865	CHR4:8835865	SSF x Far_LoA	-10,6399127	0,052	0,311
CHR4	8835911	CHR4:8835911	SSF x Far_LoA	-8,53527713	0,082	0,289
CHR4	8836358	CHR4:8836358	SSF x Far_LoA	-9,78710536	0,052	0,309
CHR4	8836368	CHR4:8836368	SSF x Far_LoA	-12,2694101	-0,017	0,296
CHR4	8836374	CHR4:8836374	SSF x Far_LoA	-6,34019586	-0,075	0,307
CHR4	8836377	CHR4:8836377	SSF x Far_LoA	-10,4484378	0,048	0,298
CHR4	8836382	CHR4:8836382	SSF x Far_LoA	-6,00557659	0,104	0,305
CHR4	8840312	CHR4:8840312	SSF x Far_LoA	-12,0426985	-0,039	0,296
CHR4	8840333	CHR4:8840333	SSF x Far_LoA	-11,5390435	-0,071	0,303
CHR4	8846487	CHR4:8846487	SSF x Far_LoA	-5,84495455	0,094	0,297
CHR4	8846960	CHR4:8846960	SSF x Far_LoA	-8,91636911	-0,092	0,305
CHR4	8846990	CHR4:8846990	SSF x Far_LoA	-11,6077674	0,026	0,304
CHR4	8847017	CHR4:8847017	SSF x Far_LoA	-11,9049064	0,003	0,298
CHR4	8847052	CHR4:8847052	SSF x Far_LoA	-10,0012034	-0,087	0,307
CHR4	8847080	CHR4:8847080	SSF x Far_LoA	-9,09041076	-0,205	0,295
CHR4	884786	CHR4:884786	SSF x Far_LoA	-7,66280838	0,164	0,291
CHR4	884789	CHR4:884789	SSF x Far_LoA	-8,58566444	0,145	0,284
CHR4	884790	CHR4:884790	SSF x Far_LoA	-3,68584535	0,176	0,294
CHR4	8849867	CHR4:8849867	SSF x Far_LoA	-11,9878012	-0,015	0,302
CHR4	8849884	CHR4:8849884	SSF x Far_LoA	-10,969024	0,014	0,306
CHR4	8849925	CHR4:8849925	SSF x Far_LoA	-9,19103547	0,040	0,286
CHR4	8850535	CHR4:8850535	SSF x Far_LoA	-4,28920938	-0,153	0,307
CHR4	8857593	CHR4:8857593	SSF x Far_LoA	-9,03032869	-0,044	0,309
CHR4	8858296	CHR4:8858296	SSF x Far_LoA	-10,8174531	-0,021	0,310
CHR4	8858635	CHR4:8858635	SSF x Far_LoA	-8,44040998	-0,061	0,296
CHR4	8858637	CHR4:8858637	SSF x Far_LoA	-8,65451948	0,083	0,312
CHR4	8865612	CHR4:8865612	SSF x Far_LoA	-10,0201452	-0,027	0,309
CHR4	8868761	CHR4:8868761	SSF x Far_LoA	-7,5075668	0,108	0,305
CHR4	8868782	CHR4:8868782	SSF x Far_LoA	-7,78482616	0,063	0,313
CHR4	8868783	CHR4:8868783	SSF x Far_LoA	-6,98608301	-0,120	0,295
CHR4	8868821	CHR4:8868821	SSF x Far_LoA	-10,8148003	-0,038	0,312
CHR4	8868826	CHR4:8868826	SSF x Far_LoA	-10,3893129	0,016	0,312
CHR4	8868829	CHR4:8868829	SSF x Far_LoA	-6,07622625	0,001	0,312

CHR4	8868916	CHR4:8868916	SSF x Far_LoA	-9,92132665	0,005	0,312
CHR4	8868951	CHR4:8868951	SSF x Far_LoA	-6,3462727	-0,143	0,304
CHR4	8868955	CHR4:8868955	SSF x Far_LoA	-11,7213298	-0,012	0,310
CHR4	8868961	CHR4:8868961	SSF x Far_LoA	-3,87562837	0,025	0,307
CHR4	8868971	CHR4:8868971	SSF x Far_LoA	-10,7029725	-0,007	0,323
CHR4	8869001	CHR4:8869001	SSF x Far_LoA	1,97658573	-0,003	0,293
CHR4	8869005	CHR4:8869005	SSF x Far_LoA	-12,0246011	-0,014	0,301
CHR4	8869018	CHR4:8869018	SSF x Far_LoA	-10,5312595	-0,022	0,305
CHR4	8869028	CHR4:8869028	SSF x Far_LoA	-2,82018239	0,033	0,295
CHR4	8874467	CHR4:8874467	SSF x Far_LoA	-7,89425505	0,096	0,301
CHR4	8874480	CHR4:8874480	SSF x Far_LoA	-9,19583111	0,061	0,314
CHR4	8874532	CHR4:8874532	SSF x Far_LoA	-11,5645909	0,053	0,315
CHR4	8874563	CHR4:8874563	SSF x Far_LoA	-9,24703255	0,022	0,308
CHR4	8877301	CHR4:8877301	SSF x Far_LoA	-8,9767078	-0,069	0,299
CHR4	8877313	CHR4:8877313	SSF x Far_LoA	-8,48226685	-0,052	0,305
CHR4	8877349	CHR4:8877349	SSF x Far_LoA	-8,35491378	-0,055	0,317
CHR4	8877376	CHR4:8877376	SSF x Far_LoA	-9,99561271	0,002	0,305
CHR4	8880442	CHR4:8880442	SSF x Far_LoA	-11,8715604	-0,003	0,312
CHR4	8882864	CHR4:8882864	SSF x Far_LoA	-11,5452323	-0,070	0,295
CHR4	8882866	CHR4:8882866	SSF x Far_LoA	-6,8756497	0,115	0,308
CHR4	8882917	CHR4:8882917	SSF x Far_LoA	-12,1502243	-0,076	0,296
CHR4	8882935	CHR4:8882935	SSF x Far_LoA	-11,1956593	-0,072	0,316
CHR4	8882970	CHR4:8882970	SSF x Far_LoA	-7,81828434	0,086	0,303
CHR4	8882993	CHR4:8882993	SSF x Far_LoA	-8,01432938	0,120	0,289
CHR4	8883028	CHR4:8883028	SSF x Far_LoA	-5,90079448	-0,056	0,312
CHR4	8883145	CHR4:8883145	SSF x Far_LoA	-8,25967005	-0,127	0,300
CHR4	8883174	CHR4:8883174	SSF x Far_LoA	-11,0975958	0,014	0,308
CHR4	8896891	CHR4:8896891	SSF x Far_LoA	-11,9893607	-0,018	0,293
CHR4	8897079	CHR4:8897079	SSF x Far_LoA	-8,61737407	0,070	0,307
CHR4	8897105	CHR4:8897105	SSF x Far_LoA	-8,23939773	-0,028	0,319
CHR4	8897145	CHR4:8897145	SSF x Far_LoA	-7,58910655	-0,144	0,292
CHR4	8924490	CHR4:8924490	SSF x Far_LoA	-9,00483789	-0,020	0,306
CHR4	8924570	CHR4:8924570	SSF x Far_LoA	-9,06961517	0,062	0,314
CHR4	8924647	CHR4:8924647	SSF x Far_LoA	-9,73769947	-0,108	0,304
CHR4	8926016	CHR4:8926016	SSF x Far_LoA	-9,85782808	-0,034	0,311
CHR4	8926068	CHR4:8926068	SSF x Far_LoA	-6,73366422	-0,185	0,293
CHR4	8926580	CHR4:8926580	SSF x Far_LoA	-8,4707435	-0,099	0,310
CHR4	8941790	CHR4:8941790	SSF x Far_LoA	-10,7174206	-0,005	0,297
CHR4	8941819	CHR4:8941819	SSF x Far_LoA	-7,43482548	0,027	0,288
CHR4	8941895	CHR4:8941895	SSF x Far_LoA	-5,28100339	-0,151	0,293
CHR4	8941908	CHR4:8941908	SSF x Far_LoA	-9,93353995	-0,004	0,307
CHR4	8941919	CHR4:8941919	SSF x Far_LoA	-9,80899274	0,025	0,306
CHR4	8943585	CHR4:8943585	SSF x Far_LoA	-7,52881592	0,007	0,305
CHR4	8943865	CHR4:8943865	SSF x Far_LoA	-4,78093859	-0,086	0,314
CHR4	8943868	CHR4:8943868	SSF x Far_LoA	-8,4159169	-0,021	0,317
CHR4	8961979	CHR4:8961979	SSF x Far_LoA	-9,4996579	0,064	0,310
CHR4	8964273	CHR4:8964273	SSF x Far_LoA	-10,7430364	-0,028	0,318
CHR4	8964435	CHR4:8964435	SSF x Far_LoA	-9,2663362	0,071	0,304
CHR4	8966016	CHR4:8966016	SSF x Far_LoA	-10,0274674	-0,060	0,320
CHR4	8976867	CHR4:8976867	SSF x Far_LoA	-10,2193551	0,019	0,297
CHR4	8976876	CHR4:8976876	SSF x Far_LoA	-12,3160501	-0,012	0,303
CHR4	8988211	CHR4:8988211	SSF x Far_LoA	-9,42011431	-0,049	0,294
CHR4	8988220	CHR4:8988220	SSF x Far_LoA	-9,37256953	0,025	0,320

CHR4	8999512	CHR4:8999512	SSF x Far_LoA	-9,1223272	-0,078	0,305
CHR4	8999614	CHR4:8999614	SSF x Far_LoA	-9,36657847	0,051	0,299
CHR4	8999647	CHR4:8999647	SSF x Far_LoA	-7,17203197	-0,105	0,311
CHR4	8999680	CHR4:8999680	SSF x Far_LoA	-8,51757604	0,059	0,312
CHR4	9010294	CHR4:9010294	SSF x Far_LoA	-8,96821732	0,046	0,319
CHR4	9010301	CHR4:9010301	SSF x Far_LoA	-7,3808954	-0,010	0,302
CHR4	901036	CHR4:901036	SSF x Far_LoA	-8,5561721	-0,090	0,292
CHR4	901058	CHR4:901058	SSF x Far_LoA	-10,2816483	-0,005	0,323
CHR4	901212	CHR4:901212	SSF x Far_LoA	-7,81516828	-0,082	0,305
CHR4	9015130	CHR4:9015130	SSF x Far_LoA	-7,64894298	0,110	0,293
CHR4	9015143	CHR4:9015143	SSF x Far_LoA	-10,4417309	-0,008	0,322
CHR4	9015303	CHR4:9015303	SSF x Far_LoA	-10,764547	-0,018	0,314
CHR4	9015331	CHR4:9015331	SSF x Far_LoA	-8,09912616	0,128	0,304
CHR4	9015334	CHR4:9015334	SSF x Far_LoA	-10,7136237	0,057	0,303
CHR4	9015379	CHR4:9015379	SSF x Far_LoA	-9,92809396	-0,017	0,293
CHR4	9015380	CHR4:9015380	SSF x Far_LoA	-8,30830773	0,061	0,310
CHR4	9017739	CHR4:9017739	SSF x Far_LoA	-8,65896186	0,070	0,311
CHR4	9017752	CHR4:9017752	SSF x Far_LoA	-7,75182621	-0,068	0,301
CHR4	9017754	CHR4:9017754	SSF x Far_LoA	-10,7687038	-0,063	0,306
CHR4	9017774	CHR4:9017774	SSF x Far_LoA	-8,36332213	-0,174	0,311
CHR4	9017817	CHR4:9017817	SSF x Far_LoA	-7,98388541	-0,024	0,312
CHR4	9018782	CHR4:9018782	SSF x Far_LoA	-9,36299256	0,054	0,300
CHR4	9018882	CHR4:9018882	SSF x Far_LoA	-10,7962455	-0,024	0,309
CHR4	9018928	CHR4:9018928	SSF x Far_LoA	-8,17274045	0,100	0,305
CHR4	9018953	CHR4:9018953	SSF x Far_LoA	-1,34433182	0,044	0,300
CHR4	9018974	CHR4:9018974	SSF x Far_LoA	-7,45955566	0,151	0,289
CHR4	9018975	CHR4:9018975	SSF x Far_LoA	-11,712348	-0,024	0,314
CHR4	9018979	CHR4:9018979	SSF x Far_LoA	-2,98166039	0,070	0,319
CHR4	9020262	CHR4:9020262	SSF x Far_LoA	-8,60819199	0,107	0,295
CHR4	9020340	CHR4:9020340	SSF x Far_LoA	-8,20648089	0,101	0,312
CHR4	9020341	CHR4:9020341	SSF x Far_LoA	-6,28883947	-0,066	0,302
CHR4	9020351	CHR4:9020351	SSF x Far_LoA	-8,79292666	0,068	0,308
CHR4	9020360	CHR4:9020360	SSF x Far_LoA	-9,2809233	-0,001	0,301
CHR4	9026323	CHR4:9026323	SSF x Far_LoA	-8,40018005	-0,136	0,314
CHR4	902670	CHR4:902670	SSF x Far_LoA	-6,7847075	0,237	0,288
CHR4	9032999	CHR4:9032999	SSF x Far_LoA	-10,6960804	0,025	0,306
CHR4	9033036	CHR4:9033036	SSF x Far_LoA	-8,47899655	-0,030	0,312
CHR4	9033040	CHR4:9033040	SSF x Far_LoA	-9,79857262	-0,060	0,313
CHR4	9033056	CHR4:9033056	SSF x Far_LoA	-8,63896333	-0,074	0,296
CHR4	9036790	CHR4:9036790	SSF x Far_LoA	-8,08467703	0,012	0,309
CHR4	9039750	CHR4:9039750	SSF x Far_LoA	-10,7795677	-0,066	0,289
CHR4	9041405	CHR4:9041405	SSF x Far_LoA	-11,3426215	-0,056	0,306
CHR4	9041440	CHR4:9041440	SSF x Far_LoA	-8,12886987	-0,071	0,292
CHR4	9041441	CHR4:9041441	SSF x Far_LoA	-9,14682189	-0,071	0,296
CHR4	9041444	CHR4:9041444	SSF x Far_LoA	-8,45202979	0,025	0,307
CHR4	9041464	CHR4:9041464	SSF x Far_LoA	-7,46232957	-0,092	0,296
CHR4	9041473	CHR4:9041473	SSF x Far_LoA	-8,20214436	-0,080	0,293
CHR4	9041492	CHR4:9041492	SSF x Far_LoA	-9,02134616	0,069	0,318
CHR4	9041511	CHR4:9041511	SSF x Far_LoA	-8,83658289	0,036	0,298
CHR4	9041512	CHR4:9041512	SSF x Far_LoA	-9,15593753	0,055	0,318
CHR4	9041557	CHR4:9041557	SSF x Far_LoA	-7,48834107	0,144	0,296
CHR4	9041575	CHR4:9041575	SSF x Far_LoA	-10,6298463	-0,050	0,318
CHR4	9041598	CHR4:9041598	SSF x Far_LoA	-5,99620175	0,169	0,308

CHR4	9046139	CHR4:9046139	SSF x Far_LoA	-8,15062122	-0,066	0,312
CHR4	9046183	CHR4:9046183	SSF x Far_LoA	-8,93610912	0,078	0,300
CHR4	9049564	CHR4:9049564	SSF x Far_LoA	-8,34845415	-0,090	0,309
CHR4	9049614	CHR4:9049614	SSF x Far_LoA	-10,9121826	0,037	0,298
CHR4	9049741	CHR4:9049741	SSF x Far_LoA	-10,328506	0,124	0,300
CHR4	9049744	CHR4:9049744	SSF x Far_LoA	-3,56790061	0,026	0,317
CHR4	9049767	CHR4:9049767	SSF x Far_LoA	-6,90845627	0,187	0,299
CHR4	9055897	CHR4:9055897	SSF x Far_LoA	-5,32002286	-0,122	0,302
CHR4	9059890	CHR4:9059890	SSF x Far_LoA	-8,74520402	0,071	0,312
CHR4	9061217	CHR4:9061217	SSF x Far_LoA	-8,94773304	0,005	0,322
CHR4	9061394	CHR4:9061394	SSF x Far_LoA	-11,0840579	-0,011	0,307
CHR4	9062449	CHR4:9062449	SSF x Far_LoA	-8,49250019	0,021	0,310
CHR4	9062645	CHR4:9062645	SSF x Far_LoA	-10,8911513	0,035	0,291
CHR4	9062648	CHR4:9062648	SSF x Far_LoA	-9,57475372	0,072	0,303
CHR4	9063293	CHR4:9063293	SSF x Far_LoA	-10,5739693	0,133	0,290
CHR4	9063310	CHR4:9063310	SSF x Far_LoA	-7,784827	-0,007	0,316
CHR4	9070786	CHR4:9070786	SSF x Far_LoA	-9,21733801	-0,036	0,317
CHR4	9070909	CHR4:9070909	SSF x Far_LoA	-8,95152874	-0,040	0,290
CHR4	9070925	CHR4:9070925	SSF x Far_LoA	-10,5473649	-0,045	0,315
CHR4	9070934	CHR4:9070934	SSF x Far_LoA	-8,87066833	-0,033	0,294
CHR4	9082795	CHR4:9082795	SSF x Far_LoA	-10,1590042	0,026	0,301
CHR4	9082839	CHR4:9082839	SSF x Far_LoA	-9,93578684	-0,138	0,305
CHR4	9082875	CHR4:9082875	SSF x Far_LoA	-11,5727188	-0,004	0,302
CHR4	9082940	CHR4:9082940	SSF x Far_LoA	-7,1568892	0,120	0,302
CHR4	9082992	CHR4:9082992	SSF x Far_LoA	-10,2761299	0,018	0,327
CHR4	9083060	CHR4:9083060	SSF x Far_LoA	-9,14943392	0,010	0,305
CHR4	9089612	CHR4:9089612	SSF x Far_LoA	-7,55686838	0,137	0,301
CHR4	9089613	CHR4:9089613	SSF x Far_LoA	-9,00796309	-0,079	0,313
CHR4	9092286	CHR4:9092286	SSF x Far_LoA	-8,69029074	-0,091	0,311
CHR4	9092329	CHR4:9092329	SSF x Far_LoA	-8,49758077	-0,116	0,317
CHR4	9092384	CHR4:9092384	SSF x Far_LoA	-10,3160211	-0,120	0,301
CHR4	9099237	CHR4:9099237	SSF x Far_LoA	-8,4704702	-0,025	0,329
CHR4	9104040	CHR4:9104040	SSF x Far_LoA	-11,6563628	-0,052	0,316
CHR4	9104116	CHR4:9104116	SSF x Far_LoA	-10,3920883	0,030	0,290
CHR4	9104303	CHR4:9104303	SSF x Far_LoA	-11,8548596	0,041	0,294
CHR4	9109874	CHR4:9109874	SSF x Far_LoA	-8,79785818	-0,112	0,307
CHR4	9109876	CHR4:9109876	SSF x Far_LoA	2,01658367	-0,093	0,304
CHR4	9109922	CHR4:9109922	SSF x Far_LoA	-6,41766808	-0,023	0,317
CHR4	9109937	CHR4:9109937	SSF x Far_LoA	-11,6609481	0,017	0,290
CHR4	9109952	CHR4:9109952	SSF x Far_LoA	-1,45880643	0,243	0,307
CHR4	9109965	CHR4:9109965	SSF x Far_LoA	-10,0970445	0,052	0,299
CHR4	9114975	CHR4:9114975	SSF x Far_LoA	-11,0655279	0,032	0,319
CHR4	912379	CHR4:912379	SSF x Far_LoA	-5,87334399	-0,021	0,302
CHR4	9124963	CHR4:9124963	SSF x Far_LoA	-8,15509229	0,118	0,305
CHR4	9125001	CHR4:9125001	SSF x Far_LoA	-5,50971766	-0,128	0,317
CHR4	9144983	CHR4:9144983	SSF x Far_LoA	-8,83843345	-0,016	0,293
CHR4	9145013	CHR4:9145013	SSF x Far_LoA	-8,74472543	-0,069	0,297
CHR4	9145083	CHR4:9145083	SSF x Far_LoA	-8,78576895	0,087	0,316
CHR4	9145097	CHR4:9145097	SSF x Far_LoA	-9,6412383	-0,060	0,300
CHR4	9153441	CHR4:9153441	SSF x Far_LoA	-6,70861764	0,144	0,302
CHR4	9153541	CHR4:9153541	SSF x Far_LoA	-9,29386134	-0,036	0,311
CHR4	9166019	CHR4:9166019	SSF x Far_LoA	-5,19239174	-0,156	0,315
CHR4	9166030	CHR4:9166030	SSF x Far_LoA	-6,35531667	-0,176	0,295

CHR4	9166205	CHR4:9166205	SSF x Far_LoA	-7,92268769	0,001	0,308
CHR4	9175107	CHR4:9175107	SSF x Far_LoA	-7,90746542	0,013	0,313
CHR4	9175108	CHR4:9175108	SSF x Far_LoA	-9,40375027	0,056	0,310
CHR4	9175134	CHR4:9175134	SSF x Far_LoA	-7,86599578	0,150	0,307
CHR4	9175170	CHR4:9175170	SSF x Far_LoA	-5,18545383	-0,191	0,292
CHR4	9175187	CHR4:9175187	SSF x Far_LoA	-8,37411597	-0,078	0,301
CHR4	9175357	CHR4:9175357	SSF x Far_LoA	-9,8344519	-0,056	0,301
CHR4	9180171	CHR4:9180171	SSF x Far_LoA	-6,87045995	-0,038	0,313
CHR4	9180188	CHR4:9180188	SSF x Far_LoA	-10,1180523	0,007	0,306
CHR4	9180211	CHR4:9180211	SSF x Far_LoA	-10,32334	0,097	0,296
CHR4	9180254	CHR4:9180254	SSF x Far_LoA	-11,4835715	0,055	0,298
CHR4	9185201	CHR4:9185201	SSF x Far_LoA	-9,59201936	-0,015	0,307
CHR4	9185366	CHR4:9185366	SSF x Far_LoA	-10,6621917	-0,021	0,306
CHR4	9193008	CHR4:9193008	SSF x Far_LoA	-8,7753509	0,006	0,321
CHR4	9193023	CHR4:9193023	SSF x Far_LoA	-11,3130783	0,010	0,312
CHR4	9193047	CHR4:9193047	SSF x Far_LoA	-9,71725371	-0,016	0,314
CHR4	9193079	CHR4:9193079	SSF x Far_LoA	-8,92858715	0,065	0,313
CHR4	9193110	CHR4:9193110	SSF x Far_LoA	-8,4047391	-0,014	0,306
CHR4	9194618	CHR4:9194618	SSF x Far_LoA	-11,1964521	0,025	0,301
CHR4	9194623	CHR4:9194623	SSF x Far_LoA	-10,6045071	0,041	0,305
CHR4	9194749	CHR4:9194749	SSF x Far_LoA	-10,9537716	0,125	0,292
CHR4	9194794	CHR4:9194794	SSF x Far_LoA	-11,4815481	0,073	0,304
CHR4	9196490	CHR4:9196490	SSF x Far_LoA	-8,68917289	0,022	0,305
CHR4	9196503	CHR4:9196503	SSF x Far_LoA	-10,7288662	0,036	0,310
CHR4	9196611	CHR4:9196611	SSF x Far_LoA	-11,7620794	0,036	0,312
CHR4	9196655	CHR4:9196655	SSF x Far_LoA	-8,67883163	0,093	0,300
CHR4	9213843	CHR4:9213843	SSF x Far_LoA	-9,62485454	0,018	0,318
CHR4	9213845	CHR4:9213845	SSF x Far_LoA	-10,7982389	-0,086	0,300
CHR4	9213923	CHR4:9213923	SSF x Far_LoA	-8,15817122	-0,038	0,315
CHR4	9217070	CHR4:9217070	SSF x Far_LoA	-5,09196684	-0,014	0,312
CHR4	9218415	CHR4:9218415	SSF x Far_LoA	-9,0909879	-0,019	0,311
CHR4	9222152	CHR4:9222152	SSF x Far_LoA	-6,3750155	-0,187	0,292
CHR4	9222186	CHR4:9222186	SSF x Far_LoA	-10,4132761	-0,018	0,300
CHR4	9222187	CHR4:9222187	SSF x Far_LoA	-11,0338316	0,011	0,303
CHR4	9222209	CHR4:9222209	SSF x Far_LoA	-10,5627159	0,063	0,315
CHR4	9222288	CHR4:9222288	SSF x Far_LoA	-10,7236146	-0,104	0,286
CHR4	9222312	CHR4:9222312	SSF x Far_LoA	-11,1521013	0,012	0,318
CHR4	9222347	CHR4:9222347	SSF x Far_LoA	-9,57630678	-0,026	0,304
CHR4	9222455	CHR4:9222455	SSF x Far_LoA	-11,819375	-0,036	0,300
CHR4	923278	CHR4:923278	SSF x Far_LoA	-10,9884274	0,016	0,318
CHR4	923675	CHR4:923675	SSF x Far_LoA	-10,0667613	0,033	0,320
CHR4	9243785	CHR4:9243785	SSF x Far_LoA	-9,46879233	-0,041	0,311
CHR4	9243873	CHR4:9243873	SSF x Far_LoA	-8,50903283	0,056	0,321
CHR4	9254387	CHR4:9254387	SSF x Far_LoA	-10,7265068	-0,070	0,317
CHR4	9254407	CHR4:9254407	SSF x Far_LoA	-8,40514675	0,129	0,307
CHR4	9254435	CHR4:9254435	SSF x Far_LoA	-8,66687935	0,003	0,313
CHR4	9254455	CHR4:9254455	SSF x Far_LoA	-6,90826414	0,098	0,309
CHR4	9254660	CHR4:9254660	SSF x Far_LoA	-8,27723751	-0,050	0,312
CHR4	9256158	CHR4:9256158	SSF x Far_LoA	-9,6539949	0,049	0,304
CHR4	9256235	CHR4:9256235	SSF x Far_LoA	-11,1767517	-0,029	0,308
CHR4	9256660	CHR4:9256660	SSF x Far_LoA	-8,42354501	-0,045	0,313
CHR4	9256669	CHR4:9256669	SSF x Far_LoA	-8,86211899	0,052	0,306
CHR4	9256674	CHR4:9256674	SSF x Far_LoA	-9,23588789	0,041	0,303

CHR4	9256723	CHR4:9256723	SSF x Far_LoA	-8,15455189	0,115	0,292
CHR4	927047	CHR4:927047	SSF x Far_LoA	-11,6940984	-0,002	0,294
CHR4	9277300	CHR4:9277300	SSF x Far_LoA	-6,39407694	-0,049	0,316
CHR4	9278869	CHR4:9278869	SSF x Far_LoA	-11,2890772	-0,001	0,302
CHR4	9278912	CHR4:9278912	SSF x Far_LoA	-9,08623607	-0,102	0,303
CHR4	9278917	CHR4:9278917	SSF x Far_LoA	-7,69248381	0,058	0,320
CHR4	9278930	CHR4:9278930	SSF x Far_LoA	-6,38456967	-0,093	0,286
CHR4	9287370	CHR4:9287370	SSF x Far_LoA	-9,44382692	-0,066	0,323
CHR4	9287429	CHR4:9287429	SSF x Far_LoA	-9,37615389	-0,066	0,292
CHR4	9287468	CHR4:9287468	SSF x Far_LoA	-9,34769513	-0,101	0,307
CHR4	9290959	CHR4:9290959	SSF x Far_LoA	-10,3771183	0,122	0,305
CHR4	9290980	CHR4:9290980	SSF x Far_LoA	-9,94501953	-0,026	0,304
CHR4	9290993	CHR4:9290993	SSF x Far_LoA	-8,08633136	-0,009	0,306
CHR4	9291024	CHR4:9291024	SSF x Far_LoA	-9,14409562	-0,029	0,294
CHR4	9296908	CHR4:9296908	SSF x Far_LoA	-8,86088779	-0,063	0,320
CHR4	9296911	CHR4:9296911	SSF x Far_LoA	-3,06493668	0,049	0,300
CHR4	9296959	CHR4:9296959	SSF x Far_LoA	-7,31369276	0,109	0,306
CHR4	9296975	CHR4:9296975	SSF x Far_LoA	-5,42769911	0,143	0,301
CHR4	9296994	CHR4:9296994	SSF x Far_LoA	-4,81336915	0,056	0,311
CHR4	9297046	CHR4:9297046	SSF x Far_LoA	-8,58513168	0,068	0,303
CHR4	9300051	CHR4:9300051	SSF x Far_LoA	-5,33947961	0,218	0,310
CHR4	9300107	CHR4:9300107	SSF x Far_LoA	-11,1635242	-0,067	0,322
CHR4	9301999	CHR4:9301999	SSF x Far_LoA	-8,07960744	-0,085	0,306
CHR4	9302017	CHR4:9302017	SSF x Far_LoA	-9,08915887	0,056	0,297
CHR4	9302035	CHR4:9302035	SSF x Far_LoA	-11,14482	-0,023	0,313
CHR4	9302073	CHR4:9302073	SSF x Far_LoA	-10,092597	-0,030	0,309
CHR4	9302094	CHR4:9302094	SSF x Far_LoA	-7,90310817	0,022	0,301
CHR4	9302244	CHR4:9302244	SSF x Far_LoA	-10,195778	0,070	0,308
CHR4	9306515	CHR4:9306515	SSF x Far_LoA	-7,40345436	0,199	0,291
CHR4	9306519	CHR4:9306519	SSF x Far_LoA	-10,5387452	0,104	0,300
CHR4	9306786	CHR4:9306786	SSF x Far_LoA	-11,3127142	-0,001	0,307
CHR4	9306809	CHR4:9306809	SSF x Far_LoA	-8,62836671	-0,210	0,296
CHR4	9306819	CHR4:9306819	SSF x Far_LoA	-11,0106471	0,062	0,315
CHR4	9314370	CHR4:9314370	SSF x Far_LoA	-11,5007762	0,049	0,292
CHR4	9319987	CHR4:9319987	SSF x Far_LoA	-11,2711882	-0,028	0,301
CHR4	9320712	CHR4:9320712	SSF x Far_LoA	-10,1893048	0,113	0,299
CHR4	9325324	CHR4:9325324	SSF x Far_LoA	-10,5381954	0,013	0,319
CHR4	9325709	CHR4:9325709	SSF x Far_LoA	-9,52726266	-0,046	0,297
CHR4	9342685	CHR4:9342685	SSF x Far_LoA	-10,2543645	0,068	0,311
CHR4	9342696	CHR4:9342696	SSF x Far_LoA	-9,2282198	0,030	0,313
CHR4	9342912	CHR4:9342912	SSF x Far_LoA	-10,9850608	0,014	0,302
CHR4	9348662	CHR4:9348662	SSF x Far_LoA	-7,40293381	-0,022	0,318
CHR4	9348669	CHR4:9348669	SSF x Far_LoA	-8,84282311	0,161	0,301
CHR4	9348695	CHR4:9348695	SSF x Far_LoA	-9,47685502	0,155	0,303
CHR4	9348752	CHR4:9348752	SSF x Far_LoA	-6,82824456	0,167	0,305
CHR4	9348832	CHR4:9348832	SSF x Far_LoA	-11,466467	0,073	0,302
CHR4	9348842	CHR4:9348842	SSF x Far_LoA	-11,1277897	0,015	0,304
CHR4	9348845	CHR4:9348845	SSF x Far_LoA	-11,5861052	-0,065	0,299
CHR4	9348862	CHR4:9348862	SSF x Far_LoA	-10,4317441	-0,030	0,311
CHR4	9364142	CHR4:9364142	SSF x Far_LoA	-11,8479132	0,124	0,288
CHR4	9364316	CHR4:9364316	SSF x Far_LoA	-9,63212031	0,021	0,310
CHR4	9364398	CHR4:9364398	SSF x Far_LoA	-9,93927604	0,002	0,298
CHR4	9387401	CHR4:9387401	SSF x Far_LoA	-8,79279776	-0,072	0,310

CHR4	9389464	CHR4:9389464	SSF x Far_LoA	-12,3022877	0,000	0,308
CHR4	9389491	CHR4:9389491	SSF x Far_LoA	-5,52844169	0,111	0,288
CHR4	9389586	CHR4:9389586	SSF x Far_LoA	-8,17736329	-0,131	0,309
CHR4	9389587	CHR4:9389587	SSF x Far_LoA	-10,9083291	0,017	0,314
CHR4	9395763	CHR4:9395763	SSF x Far_LoA	-12,0532355	0,019	0,307
CHR4	9401379	CHR4:9401379	SSF x Far_LoA	-8,98828751	0,031	0,317
CHR4	9401587	CHR4:9401587	SSF x Far_LoA	-7,1425273	0,017	0,299
CHR4	9401591	CHR4:9401591	SSF x Far_LoA	-9,34831792	0,035	0,293
CHR4	9416128	CHR4:9416128	SSF x Far_LoA	-8,50899492	-0,153	0,307
CHR4	9423811	CHR4:9423811	SSF x Far_LoA	-10,5164102	-0,137	0,303
CHR4	9426945	CHR4:9426945	SSF x Far_LoA	-8,76247418	0,078	0,315
CHR4	9426971	CHR4:9426971	SSF x Far_LoA	-6,30960876	0,123	0,300
CHR4	9426972	CHR4:9426972	SSF x Far_LoA	-7,75782089	0,013	0,307
CHR4	9426973	CHR4:9426973	SSF x Far_LoA	-9,5065524	-0,006	0,303
CHR4	9426986	CHR4:9426986	SSF x Far_LoA	-9,32515454	0,061	0,299
CHR4	9426989	CHR4:9426989	SSF x Far_LoA	-11,3971227	0,009	0,307
CHR4	9430136	CHR4:9430136	SSF x Far_LoA	-7,93484838	0,021	0,307
CHR4	9430153	CHR4:9430153	SSF x Far_LoA	-9,12453356	0,069	0,301
CHR4	9430160	CHR4:9430160	SSF x Far_LoA	-6,60072527	0,062	0,302
CHR4	9430197	CHR4:9430197	SSF x Far_LoA	-10,9384247	0,043	0,313
CHR4	9430198	CHR4:9430198	SSF x Far_LoA	-10,5183185	-0,053	0,315
CHR4	9430222	CHR4:9430222	SSF x Far_LoA	-9,38785818	0,075	0,305
CHR4	9430232	CHR4:9430232	SSF x Far_LoA	-6,81679728	0,067	0,297
CHR4	9430266	CHR4:9430266	SSF x Far_LoA	-11,0537632	-0,098	0,297
CHR4	9430320	CHR4:9430320	SSF x Far_LoA	-7,12967192	0,057	0,314
CHR4	9448478	CHR4:9448478	SSF x Far_LoA	-10,3941479	-0,069	0,302
CHR4	9448634	CHR4:9448634	SSF x Far_LoA	-6,84641199	0,069	0,299
CHR4	9452164	CHR4:9452164	SSF x Far_LoA	-12,0052321	-0,047	0,314
CHR4	9452174	CHR4:9452174	SSF x Far_LoA	-11,9899402	0,005	0,294
CHR4	9452189	CHR4:9452189	SSF x Far_LoA	-9,28236948	-0,108	0,317
CHR4	9452222	CHR4:9452222	SSF x Far_LoA	-8,61426546	-0,086	0,299
CHR4	9462728	CHR4:9462728	SSF x Far_LoA	-9,4308854	0,026	0,304
CHR4	9462737	CHR4:9462737	SSF x Far_LoA	-9,5215899	-0,043	0,297
CHR4	9462752	CHR4:9462752	SSF x Far_LoA	-9,45268673	-0,087	0,301
CHR4	9462815	CHR4:9462815	SSF x Far_LoA	-9,1155533	-0,074	0,312
CHR4	9462818	CHR4:9462818	SSF x Far_LoA	-9,92374513	-0,099	0,300
CHR4	9462829	CHR4:9462829	SSF x Far_LoA	-11,1110995	-0,015	0,303
CHR4	9462838	CHR4:9462838	SSF x Far_LoA	-10,4145232	-0,115	0,302
CHR4	9462944	CHR4:9462944	SSF x Far_LoA	-9,22193331	-0,005	0,312
CHR4	9462990	CHR4:9462990	SSF x Far_LoA	-8,96998802	-0,086	0,318
CHR4	9462991	CHR4:9462991	SSF x Far_LoA	-6,93917771	-0,063	0,302
CHR4	9471296	CHR4:9471296	SSF x Far_LoA	-10,4211292	-0,009	0,299
CHR4	9471330	CHR4:9471330	SSF x Far_LoA	-11,0502846	-0,018	0,293
CHR4	9471370	CHR4:9471370	SSF x Far_LoA	-9,05565043	-0,147	0,308
CHR4	9471493	CHR4:9471493	SSF x Far_LoA	-9,22360567	0,046	0,307
CHR4	9471533	CHR4:9471533	SSF x Far_LoA	-6,10788989	0,080	0,300
CHR4	9481186	CHR4:9481186	SSF x Far_LoA	-9,34560579	0,109	0,301
CHR4	9481227	CHR4:9481227	SSF x Far_LoA	-10,7101983	0,057	0,301
CHR4	9481256	CHR4:9481256	SSF x Far_LoA	-7,80516511	0,166	0,280
CHR4	9487220	CHR4:9487220	SSF x Far_LoA	-9,95266423	-0,106	0,306
CHR4	9487247	CHR4:9487247	SSF x Far_LoA	-8,67035234	-0,066	0,321
CHR4	9487268	CHR4:9487268	SSF x Far_LoA	-9,04451026	-0,138	0,307
CHR4	9487347	CHR4:9487347	SSF x Far_LoA	-7,32711717	0,190	0,304

CHR4	9487350	CHR4:9487350	SSF x Far_LoA	-6,11818358	-0,112	0,310
CHR4	9487374	CHR4:9487374	SSF x Far_LoA	-11,7244381	0,049	0,289
CHR4	9487413	CHR4:9487413	SSF x Far_LoA	-8,60124492	0,125	0,313
CHR4	9494730	CHR4:9494730	SSF x Far_LoA	-10,0062214	-0,113	0,310
CHR4	9494744	CHR4:9494744	SSF x Far_LoA	-8,6716985	0,005	0,305
CHR4	9494752	CHR4:9494752	SSF x Far_LoA	-9,31497128	0,026	0,307
CHR4	9494883	CHR4:9494883	SSF x Far_LoA	-4,61381596	-0,009	0,313
CHR4	9494908	CHR4:9494908	SSF x Far_LoA	-8,92060781	-0,066	0,305
CHR4	9494935	CHR4:9494935	SSF x Far_LoA	-6,66531397	-0,142	0,309
CHR4	9496370	CHR4:9496370	SSF x Far_LoA	-11,229568	0,043	0,322
CHR4	9496450	CHR4:9496450	SSF x Far_LoA	-8,86567088	-0,021	0,324
CHR4	9496525	CHR4:9496525	SSF x Far_LoA	-10,0928486	-0,162	0,304
CHR4	9496535	CHR4:9496535	SSF x Far_LoA	-11,3335269	-0,004	0,299
CHR4	9496555	CHR4:9496555	SSF x Far_LoA	-12,1800893	0,094	0,294
CHR4	9496566	CHR4:9496566	SSF x Far_LoA	-4,4741635	0,185	0,284
CHR4	9496567	CHR4:9496567	SSF x Far_LoA	-12,6608871	0,066	0,298
CHR4	9504845	CHR4:9504845	SSF x Far_LoA	-10,4823743	0,077	0,317
CHR4	9504847	CHR4:9504847	SSF x Far_LoA	-9,75079016	0,023	0,302
CHR4	9504849	CHR4:9504849	SSF x Far_LoA	-8,30979894	0,046	0,314
CHR4	9504909	CHR4:9504909	SSF x Far_LoA	-10,0794297	-0,053	0,296
CHR4	9504910	CHR4:9504910	SSF x Far_LoA	-8,67132741	0,055	0,310
CHR4	9504990	CHR4:9504990	SSF x Far_LoA	-10,3912729	0,003	0,305
CHR4	9504993	CHR4:9504993	SSF x Far_LoA	-11,4201559	0,055	0,308
CHR4	9505051	CHR4:9505051	SSF x Far_LoA	-10,4017693	-0,089	0,309
CHR4	9505100	CHR4:9505100	SSF x Far_LoA	-7,07073942	-0,011	0,314
CHR4	9509003	CHR4:9509003	SSF x Far_LoA	-10,6838019	0,000	0,324
CHR4	9509053	CHR4:9509053	SSF x Far_LoA	-10,1330547	0,068	0,291
CHR4	9509054	CHR4:9509054	SSF x Far_LoA	-9,38484712	-0,121	0,297
CHR4	9509058	CHR4:9509058	SSF x Far_LoA	-6,95737322	0,070	0,322
CHR4	9512630	CHR4:9512630	SSF x Far_LoA	-10,438942	0,016	0,309
CHR4	9512724	CHR4:9512724	SSF x Far_LoA	-11,2143608	0,045	0,302
CHR4	9512730	CHR4:9512730	SSF x Far_LoA	-9,2786246	-0,020	0,305
CHR4	9515529	CHR4:9515529	SSF x Far_LoA	-9,9062865	0,003	0,307
CHR4	9515549	CHR4:9515549	SSF x Far_LoA	-9,32107685	-0,129	0,294
CHR4	9515618	CHR4:9515618	SSF x Far_LoA	-7,56294232	-0,135	0,285
CHR4	9516754	CHR4:9516754	SSF x Far_LoA	-9,66902616	-0,087	0,289
CHR4	9516782	CHR4:9516782	SSF x Far_LoA	-9,98701932	-0,059	0,317
CHR4	9516792	CHR4:9516792	SSF x Far_LoA	-8,70771732	0,051	0,322
CHR4	9516793	CHR4:9516793	SSF x Far_LoA	-9,99612572	-0,029	0,331
CHR4	9516804	CHR4:9516804	SSF x Far_LoA	-8,75081283	0,041	0,320
CHR4	9568787	CHR4:9568787	SSF x Far_LoA	-9,90716813	-0,098	0,308
CHR4	9569666	CHR4:9569666	SSF x Far_LoA	-10,8883991	0,066	0,308
CHR4	9569864	CHR4:9569864	SSF x Far_LoA	-8,52153397	0,076	0,296
CHR4	9569939	CHR4:9569939	SSF x Far_LoA	-0,54535092	-0,124	0,310
CHR4	9577518	CHR4:9577518	SSF x Far_LoA	-9,5802579	-0,109	0,291
CHR4	9587877	CHR4:9587877	SSF x Far_LoA	-10,1999923	0,056	0,305
CHR4	9587930	CHR4:9587930	SSF x Far_LoA	-9,15801125	0,081	0,313
CHR4	9588028	CHR4:9588028	SSF x Far_LoA	-7,91395577	-0,054	0,314
CHR4	9588063	CHR4:9588063	SSF x Far_LoA	-8,85653461	0,111	0,299
CHR4	9588067	CHR4:9588067	SSF x Far_LoA	-7,6331036	0,150	0,286
CHR4	9588068	CHR4:9588068	SSF x Far_LoA	-11,0147508	-0,017	0,298
CHR4	9588077	CHR4:9588077	SSF x Far_LoA	-8,68166424	-0,097	0,315
CHR4	9588079	CHR4:9588079	SSF x Far_LoA	-9,57986267	-0,068	0,305

CHR4	9588094	CHR4:9588094	SSF x Far_LoA	-7,59820828	0,167	0,298
CHR4	9588103	CHR4:9588103	SSF x Far_LoA	-10,5101167	0,061	0,306
CHR4	9588105	CHR4:9588105	SSF x Far_LoA	-7,01449996	-0,073	0,315
CHR4	9588110	CHR4:9588110	SSF x Far_LoA	-10,071691	0,085	0,302
CHR4	9588114	CHR4:9588114	SSF x Far_LoA	-9,60005015	-0,008	0,305
CHR4	9588123	CHR4:9588123	SSF x Far_LoA	-8,41788217	-0,109	0,288
CHR4	9607292	CHR4:9607292	SSF x Far_LoA	-9,93129138	-0,007	0,304
CHR4	9607293	CHR4:9607293	SSF x Far_LoA	-7,10843353	0,111	0,305
CHR4	9607752	CHR4:9607752	SSF x Far_LoA	-9,13958788	-0,048	0,315
CHR4	9609646	CHR4:9609646	SSF x Far_LoA	-7,99318377	-0,077	0,313
CHR4	9609656	CHR4:9609656	SSF x Far_LoA	-9,93467947	0,105	0,296
CHR4	9609701	CHR4:9609701	SSF x Far_LoA	-9,07915144	0,028	0,303
CHR4	9609712	CHR4:9609712	SSF x Far_LoA	-10,7395275	-0,010	0,306
CHR4	9645609	CHR4:9645609	SSF x Far_LoA	-9,67517929	-0,105	0,298
CHR4	9647453	CHR4:9647453	SSF x Far_LoA	-9,45872131	-0,005	0,313
CHR4	9647492	CHR4:9647492	SSF x Far_LoA	-8,53248748	0,070	0,307
CHR4	9647523	CHR4:9647523	SSF x Far_LoA	-10,6677774	-0,048	0,315
CHR4	9647571	CHR4:9647571	SSF x Far_LoA	-8,39011566	-0,068	0,311
CHR4	9647576	CHR4:9647576	SSF x Far_LoA	-11,2226818	-0,073	0,300
CHR4	9654970	CHR4:9654970	SSF x Far_LoA	-6,61678167	0,135	0,299
CHR4	9655039	CHR4:9655039	SSF x Far_LoA	-9,69732226	0,079	0,318
CHR4	9655057	CHR4:9655057	SSF x Far_LoA	-8,77675009	-0,120	0,310
CHR4	9655252	CHR4:9655252	SSF x Far_LoA	-12,2504773	0,011	0,302
CHR4	9655262	CHR4:9655262	SSF x Far_LoA	-11,1219936	-0,001	0,305
CHR4	9664071	CHR4:9664071	SSF x Far_LoA	-8,600191	-0,072	0,318
CHR4	9664096	CHR4:9664096	SSF x Far_LoA	-9,21885476	-0,054	0,315
CHR4	9664098	CHR4:9664098	SSF x Far_LoA	-10,1475336	-0,052	0,332
CHR4	9664104	CHR4:9664104	SSF x Far_LoA	-8,88398206	0,138	0,291
CHR4	9664176	CHR4:9664176	SSF x Far_LoA	-7,32692688	-0,041	0,317
CHR4	9664193	CHR4:9664193	SSF x Far_LoA	-7,49730924	-0,011	0,315
CHR4	9664241	CHR4:9664241	SSF x Far_LoA	-9,16587133	0,004	0,311
CHR4	9666155	CHR4:9666155	SSF x Far_LoA	-8,23957034	0,006	0,337
CHR4	9666223	CHR4:9666223	SSF x Far_LoA	-10,4425648	-0,057	0,305
CHR4	9666334	CHR4:9666334	SSF x Far_LoA	-10,5906037	-0,112	0,289
CHR4	9681240	CHR4:9681240	SSF x Far_LoA	-11,0060016	0,015	0,319
CHR4	9692107	CHR4:9692107	SSF x Far_LoA	-7,92936041	0,227	0,301
CHR4	9698781	CHR4:9698781	SSF x Far_LoA	-9,71323099	0,008	0,310
CHR4	9698855	CHR4:9698855	SSF x Far_LoA	-9,53265658	-0,100	0,316
CHR4	9699489	CHR4:9699489	SSF x Far_LoA	-9,44105043	-0,036	0,300
CHR4	9699510	CHR4:9699510	SSF x Far_LoA	-8,87603585	-0,050	0,300
CHR4	9699519	CHR4:9699519	SSF x Far_LoA	-9,36267277	-0,036	0,287
CHR4	9729462	CHR4:9729462	SSF x Far_LoA	-5,25466169	0,161	0,292
CHR4	9729520	CHR4:9729520	SSF x Far_LoA	-11,4050304	0,020	0,301
CHR4	9729585	CHR4:9729585	SSF x Far_LoA	-11,0219607	0,056	0,300
CHR4	973705	CHR4:973705	SSF x Far_LoA	-9,81935844	0,059	0,308
CHR4	9745359	CHR4:9745359	SSF x Far_LoA	-12,0011831	0,027	0,312
CHR4	9754913	CHR4:9754913	SSF x Far_LoA	-8,18382226	0,154	0,297
CHR4	9754960	CHR4:9754960	SSF x Far_LoA	-9,27640049	0,049	0,291
CHR4	9754961	CHR4:9754961	SSF x Far_LoA	-9,5053935	0,024	0,289
CHR4	9754963	CHR4:9754963	SSF x Far_LoA	-9,00057994	0,064	0,319
CHR4	9754964	CHR4:9754964	SSF x Far_LoA	-9,22973244	0,093	0,305
CHR4	9754966	CHR4:9754966	SSF x Far_LoA	-9,14483528	0,056	0,282
CHR4	9754986	CHR4:9754986	SSF x Far_LoA	-9,5495976	0,015	0,299

CHR4	9754999	CHR4:9754999	SSF x Far_LoA	-11,5591255	-0,008	0,299
CHR4	9771240	CHR4:9771240	SSF x Far_LoA	-8,66126349	-0,164	0,283
CHR4	9771269	CHR4:9771269	SSF x Far_LoA	-3,54006585	0,237	0,297
CHR4	9771308	CHR4:9771308	SSF x Far_LoA	-11,8699688	-0,008	0,319
CHR4	9771402	CHR4:9771402	SSF x Far_LoA	-10,8089725	-0,004	0,308
CHR4	9771414	CHR4:9771414	SSF x Far_LoA	-8,60410933	-0,029	0,307
CHR4	9771416	CHR4:9771416	SSF x Far_LoA	-8,63824981	-0,042	0,294
CHR4	977363	CHR4:977363	SSF x Far_LoA	-8,854745	-0,055	0,313
CHR4	9778607	CHR4:9778607	SSF x Far_LoA	-9,4994655	0,060	0,299
CHR4	9781415	CHR4:9781415	SSF x Far_LoA	-7,86716835	0,127	0,305
CHR4	9784943	CHR4:9784943	SSF x Far_LoA	-11,1496007	-0,012	0,311
CHR4	9784948	CHR4:9784948	SSF x Far_LoA	-8,52557645	-0,119	0,300
CHR4	9785047	CHR4:9785047	SSF x Far_LoA	6,89148049	0,009	0,309
CHR4	9785062	CHR4:9785062	SSF x Far_LoA	-9,57654713	0,009	0,313
CHR4	9785071	CHR4:9785071	SSF x Far_LoA	-8,52101572	0,050	0,317
CHR4	9785115	CHR4:9785115	SSF x Far_LoA	-9,55312822	-0,051	0,304
CHR4	9790668	CHR4:9790668	SSF x Far_LoA	-9,17568653	-0,037	0,309
CHR4	9790695	CHR4:9790695	SSF x Far_LoA	-10,7729157	-0,041	0,303
CHR4	9798651	CHR4:9798651	SSF x Far_LoA	-11,0875295	-0,027	0,316
CHR4	9798657	CHR4:9798657	SSF x Far_LoA	-8,76419146	0,003	0,306
CHR4	9800779	CHR4:9800779	SSF x Far_LoA	-7,4271614	0,138	0,306
CHR4	9800822	CHR4:9800822	SSF x Far_LoA	-7,59989596	0,093	0,300
CHR4	9800826	CHR4:9800826	SSF x Far_LoA	-8,70860717	-0,127	0,311
CHR4	9800885	CHR4:9800885	SSF x Far_LoA	-10,6322633	-0,021	0,308
CHR4	9800957	CHR4:9800957	SSF x Far_LoA	-9,76984347	-0,029	0,309
CHR4	9816300	CHR4:9816300	SSF x Far_LoA	-10,721562	0,076	0,300
CHR4	9816462	CHR4:9816462	SSF x Far_LoA	-8,92574764	-0,068	0,304
CHR4	9816493	CHR4:9816493	SSF x Far_LoA	-7,65524045	0,047	0,304
CHR4	9816507	CHR4:9816507	SSF x Far_LoA	-9,33192384	-0,020	0,297
CHR4	9831178	CHR4:9831178	SSF x Far_LoA	-9,02427962	0,084	0,306
CHR4	9831285	CHR4:9831285	SSF x Far_LoA	-6,2544662	0,062	0,294
CHR4	9851310	CHR4:9851310	SSF x Far_LoA	-10,3318979	-0,013	0,309
CHR4	9851348	CHR4:9851348	SSF x Far_LoA	-11,2760276	0,023	0,304
CHR4	9866813	CHR4:9866813	SSF x Far_LoA	-10,790717	0,014	0,299
CHR4	9866855	CHR4:9866855	SSF x Far_LoA	-7,82350137	-0,003	0,306
CHR4	9866882	CHR4:9866882	SSF x Far_LoA	-10,595227	0,044	0,306
CHR4	9866936	CHR4:9866936	SSF x Far_LoA	-11,3494188	0,080	0,308
CHR4	9866977	CHR4:9866977	SSF x Far_LoA	-10,391763	0,011	0,307
CHR4	9891363	CHR4:9891363	SSF x Far_LoA	-8,92614139	-0,002	0,302
CHR4	9891387	CHR4:9891387	SSF x Far_LoA	-6,98489302	0,002	0,310
CHR4	9891418	CHR4:9891418	SSF x Far_LoA	-10,3687418	0,055	0,317
CHR4	9891607	CHR4:9891607	SSF x Far_LoA	-8,18120531	0,119	0,302
CHR4	9896893	CHR4:9896893	SSF x Far_LoA	-12,2913994	0,022	0,303
CHR4	9897941	CHR4:9897941	SSF x Far_LoA	-7,62457471	-0,056	0,315
CHR4	9897997	CHR4:9897997	SSF x Far_LoA	-8,60405105	-0,030	0,300
CHR4	9898024	CHR4:9898024	SSF x Far_LoA	-0,19247713	0,095	0,298
CHR4	9898035	CHR4:9898035	SSF x Far_LoA	-11,0472249	-0,034	0,306
CHR4	9898038	CHR4:9898038	SSF x Far_LoA	-10,1898287	-0,066	0,311
CHR4	9901494	CHR4:9901494	SSF x Far_LoA	-10,8759281	0,027	0,300
CHR4	9901520	CHR4:9901520	SSF x Far_LoA	-11,5746384	-0,033	0,305
CHR4	9906523	CHR4:9906523	SSF x Far_LoA	-8,4341333	-0,015	0,312
CHR4	9906536	CHR4:9906536	SSF x Far_LoA	-8,43778429	0,026	0,298
CHR4	9906607	CHR4:9906607	SSF x Far_LoA	-10,5394888	0,001	0,310

CHR4	9906732	CHR4:9906732	SSF x Far_LoA	-12,405819	-0,054	0,304
CHR4	9906766	CHR4:9906766	SSF x Far_LoA	-8,12872697	-0,020	0,290
CHR4	9908845	CHR4:9908845	SSF x Far_LoA	-0,30075681	-0,098	0,315
CHR4	9909935	CHR4:9909935	SSF x Far_LoA	-8,02901674	0,074	0,292
CHR4	9910046	CHR4:9910046	SSF x Far_LoA	-8,46344389	-0,084	0,311
CHR4	9910141	CHR4:9910141	SSF x Far_LoA	-10,3546789	0,011	0,303
CHR4	9963022	CHR4:9963022	SSF x Far_LoA	-12,9008104	0,036	0,293
CHR4	9963045	CHR4:9963045	SSF x Far_LoA	-10,810621	0,055	0,291
CHR4	9963109	CHR4:9963109	SSF x Far_LoA	-10,2665725	0,119	0,303
CHR4	9963526	CHR4:9963526	SSF x Far_LoA	-7,75680726	-0,093	0,307
CHR4	9970212	CHR4:9970212	SSF x Far_LoA	-8,36004894	0,193	0,296
CHR4	9970268	CHR4:9970268	SSF x Far_LoA	-4,85134389	0,041	0,311
CHR4	9970307	CHR4:9970307	SSF x Far_LoA	-10,4304533	-0,061	0,309
CHR4	9979482	CHR4:9979482	SSF x Far_LoA	-11,0143913	0,051	0,299
CHR4	9986105	CHR4:9986105	SSF x Far_LoA	-9,59779858	-0,012	0,317
CHR4	9989196	CHR4:9989196	SSF x Far_LoA	-10,1456068	-0,107	0,307
CHR4	9989212	CHR4:9989212	SSF x Far_LoA	-8,35396024	-0,126	0,306
CHR4	9990642	CHR4:9990642	SSF x Far_LoA	-5,21263959	-0,042	0,311
CHR4	9990678	CHR4:9990678	SSF x Far_LoA	-8,62411205	-0,035	0,321
CHR4	9990719	CHR4:9990719	SSF x Far_LoA	-9,58136008	-0,029	0,317
CHR4	9990729	CHR4:9990729	SSF x Far_LoA	-10,3008103	-0,080	0,301
CHR4	9990749	CHR4:9990749	SSF x Far_LoA	-7,56861494	-0,045	0,305
CHR4	9997982	CHR4:9997982	SSF x Far_LoA	-8,79277869	-0,028	0,312
CHR4	9998032	CHR4:9998032	SSF x Far_LoA	-10,9989223	0,015	0,309
CHR4	9998039	CHR4:9998039	SSF x Far_LoA	-11,4315633	0,006	0,300
CHR4	9998084	CHR4:9998084	SSF x Far_LoA	-8,65577275	-0,040	0,312
CHR4	9998096	CHR4:9998096	SSF x Far_LoA	-9,5162594	0,188	0,288
CHR4	9999161	CHR4:9999161	SSF x Far_LoA	-7,46200972	0,078	0,307
CHR5	1E+07	CHR5:10010747	SSF x Far_LoA	-10,2514011	-0,104	0,314
CHR5	1E+07	CHR5:10010810	SSF x Far_LoA	-8,09818455	0,069	0,309
CHR5	1E+07	CHR5:10012034	SSF x Far_LoA	-8,57915815	-0,008	0,302
CHR5	1E+07	CHR5:10012122	SSF x Far_LoA	-9,82774374	0,058	0,311
CHR5	1E+07	CHR5:10012834	SSF x Far_LoA	-9,32829792	0,137	0,284
CHR5	1E+07	CHR5:10012866	SSF x Far_LoA	-10,0468168	0,038	0,293
CHR5	1E+07	CHR5:10012909	SSF x Far_LoA	-8,39411563	-0,098	0,313
CHR5	1E+07	CHR5:10012944	SSF x Far_LoA	-9,82945363	0,018	0,309
CHR5	1E+07	CHR5:10016649	SSF x Far_LoA	-4,45683529	0,166	0,300
CHR5	1E+07	CHR5:10016679	SSF x Far_LoA	-8,53573921	0,098	0,307
CHR5	1E+07	CHR5:10016713	SSF x Far_LoA	-9,78842436	-0,036	0,311
CHR5	1E+07	CHR5:10021327	SSF x Far_LoA	-5,37930055	-0,162	0,309
CHR5	1E+07	CHR5:10021365	SSF x Far_LoA	-2,36421335	-0,145	0,309
CHR5	1E+07	CHR5:10021408	SSF x Far_LoA	-9,17564351	0,158	0,305
CHR5	1E+07	CHR5:10021583	SSF x Far_LoA	-9,30726959	-0,065	0,304
CHR5	1E+07	CHR5:10031039	SSF x Far_LoA	-9,63239235	-0,082	0,313
CHR5	1E+07	CHR5:10031058	SSF x Far_LoA	-11,0562171	-0,083	0,297
CHR5	1E+07	CHR5:10031072	SSF x Far_LoA	-9,64344536	-0,030	0,316
CHR5	1E+07	CHR5:10031075	SSF x Far_LoA	-10,0983818	-0,004	0,311
CHR5	1E+07	CHR5:10031129	SSF x Far_LoA	-9,90507462	-0,048	0,305
CHR5	1E+07	CHR5:10031174	SSF x Far_LoA	-9,18119207	-0,091	0,310
CHR5	1E+07	CHR5:10036876	SSF x Far_LoA	-10,9917774	-0,032	0,299
CHR5	1E+07	CHR5:10036884	SSF x Far_LoA	-3,97136235	0,097	0,306
CHR5	1E+07	CHR5:10047883	SSF x Far_LoA	-10,604342	0,047	0,300
CHR5	1005334	CHR5:1005334	SSF x Far_LoA	-9,88072549	0,032	0,301

CHR5	1005414	CHR5:1005414	SSF x Far_LoA	-8,22506184	0,049	0,314
CHR5	1E+07	CHR5:10054792	SSF x Far_LoA	-8,20026181	0,056	0,300
CHR5	1E+07	CHR5:10054930	SSF x Far_LoA	-7,71253811	0,088	0,294
CHR5	1E+07	CHR5:10054957	SSF x Far_LoA	-9,39441946	0,064	0,290
CHR5	1E+07	CHR5:10054959	SSF x Far_LoA	-8,77903358	0,077	0,304
CHR5	1E+07	CHR5:10055021	SSF x Far_LoA	-11,4962086	-0,088	0,302
CHR5	1E+07	CHR5:10063621	SSF x Far_LoA	-10,4994282	-0,024	0,309
CHR5	1E+07	CHR5:10064381	SSF x Far_LoA	-5,77656021	0,067	0,306
CHR5	1E+07	CHR5:10064387	SSF x Far_LoA	-8,36397978	0,054	0,307
CHR5	1E+07	CHR5:10066088	SSF x Far_LoA	-7,28952827	0,008	0,311
CHR5	1E+07	CHR5:10066092	SSF x Far_LoA	-8,91815572	-0,042	0,311
CHR5	1E+07	CHR5:10066823	SSF x Far_LoA	-9,32007678	0,047	0,307
CHR5	1E+07	CHR5:10068873	SSF x Far_LoA	-11,0235536	0,053	0,314
CHR5	1E+07	CHR5:10068911	SSF x Far_LoA	-9,8312587	-0,016	0,307
CHR5	1E+07	CHR5:10069000	SSF x Far_LoA	-9,53622392	0,076	0,299
CHR5	1E+07	CHR5:10069955	SSF x Far_LoA	-9,0577562	-0,071	0,312
CHR5	1E+07	CHR5:10070053	SSF x Far_LoA	-8,89097471	-0,030	0,313
CHR5	100750	CHR5:100750	SSF x Far_LoA	-9,11208098	0,036	0,311
CHR5	1E+07	CHR5:10075032	SSF x Far_LoA	-2,17494111	0,085	0,311
CHR5	1E+07	CHR5:10075051	SSF x Far_LoA	-4,17740608	-0,027	0,307
CHR5	1E+07	CHR5:10075087	SSF x Far_LoA	-8,04468912	-0,167	0,306
CHR5	1E+07	CHR5:10081636	SSF x Far_LoA	-8,68091399	-0,029	0,315
CHR5	1E+07	CHR5:10093449	SSF x Far_LoA	-7,29352763	-0,026	0,308
CHR5	1E+07	CHR5:10093535	SSF x Far_LoA	-7,70695613	-0,032	0,303
CHR5	1E+07	CHR5:10093540	SSF x Far_LoA	-9,16460896	-0,133	0,300
CHR5	1E+07	CHR5:10093578	SSF x Far_LoA	-8,98295806	-0,082	0,323
CHR5	1E+07	CHR5:10093606	SSF x Far_LoA	-10,7386259	0,023	0,311
CHR5	1E+07	CHR5:10095660	SSF x Far_LoA	-9,00160161	0,019	0,325
CHR5	1E+07	CHR5:10111994	SSF x Far_LoA	-10,0319314	0,096	0,311
CHR5	1E+07	CHR5:10112965	SSF x Far_LoA	-8,97518898	0,128	0,297
CHR5	1E+07	CHR5:10113085	SSF x Far_LoA	-9,04567937	0,048	0,297
CHR5	1E+07	CHR5:10115027	SSF x Far_LoA	-10,9453561	-0,020	0,312
CHR5	1E+07	CHR5:10115093	SSF x Far_LoA	-7,92645517	0,027	0,303
CHR5	1E+07	CHR5:10116648	SSF x Far_LoA	-7,68713434	0,013	0,309
CHR5	1E+07	CHR5:10118343	SSF x Far_LoA	-11,2838684	-0,043	0,306
CHR5	1012038	CHR5:1012038	SSF x Far_LoA	-8,77583539	-0,005	0,316
CHR5	1012056	CHR5:1012056	SSF x Far_LoA	-7,83075758	-0,052	0,302
CHR5	1E+07	CHR5:10164172	SSF x Far_LoA	-9,32665135	0,012	0,301
CHR5	1E+07	CHR5:10164188	SSF x Far_LoA	-6,84456219	0,027	0,306
CHR5	1E+07	CHR5:10164253	SSF x Far_LoA	-10,9535003	0,005	0,315
CHR5	1E+07	CHR5:10164289	SSF x Far_LoA	-9,3289043	0,035	0,295
CHR5	1E+07	CHR5:10164303	SSF x Far_LoA	-9,68750466	-0,065	0,315
CHR5	1E+07	CHR5:10164407	SSF x Far_LoA	-7,01548384	-0,061	0,293
CHR5	1016793	CHR5:1016793	SSF x Far_LoA	-10,5807116	0,144	0,294
CHR5	1E+07	CHR5:10176455	SSF x Far_LoA	-8,15120188	-0,058	0,314
CHR5	1E+07	CHR5:10176473	SSF x Far_LoA	-9,40278771	0,073	0,321
CHR5	1E+07	CHR5:10176502	SSF x Far_LoA	-6,78774486	0,036	0,307
CHR5	1E+07	CHR5:10176522	SSF x Far_LoA	-9,26629997	0,002	0,290
CHR5	1E+07	CHR5:10180608	SSF x Far_LoA	-10,4085282	-0,021	0,320
CHR5	1E+07	CHR5:10180731	SSF x Far_LoA	-8,75982612	0,109	0,298
CHR5	1E+07	CHR5:10190744	SSF x Far_LoA	-11,2480389	0,017	0,313
CHR5	1E+07	CHR5:10190858	SSF x Far_LoA	-9,03911024	0,088	0,301
CHR5	1E+07	CHR5:10190976	SSF x Far_LoA	-9,19229891	-0,120	0,308

CHR5	1E+07	CHR5:10202300	SSF x Far_LoA	-10,3967989	-0,034	0,315
CHR5	1E+07	CHR5:10221738	SSF x Far_LoA	-10,3854282	0,039	0,309
CHR5	1E+07	CHR5:10227241	SSF x Far_LoA	-9,40356572	-0,066	0,316
CHR5	1E+07	CHR5:10227253	SSF x Far_LoA	-8,54503808	0,018	0,306
CHR5	1E+07	CHR5:10237905	SSF x Far_LoA	-10,4753908	-0,049	0,314
CHR5	1E+07	CHR5:10238135	SSF x Far_LoA	-11,2165448	-0,080	0,299
CHR5	1E+07	CHR5:10238145	SSF x Far_LoA	-8,655962	-0,071	0,311
CHR5	1E+07	CHR5:10247394	SSF x Far_LoA	-10,2617078	0,005	0,319
CHR5	1E+07	CHR5:10247462	SSF x Far_LoA	-9,84429746	0,067	0,302
CHR5	1E+07	CHR5:10251854	SSF x Far_LoA	-9,76239126	-0,061	0,297
CHR5	1E+07	CHR5:10251874	SSF x Far_LoA	-11,6902809	0,061	0,299
CHR5	1E+07	CHR5:10260625	SSF x Far_LoA	-10,2210989	-0,033	0,304
CHR5	1E+07	CHR5:10261658	SSF x Far_LoA	-10,5576044	-0,070	0,295
CHR5	1E+07	CHR5:10261734	SSF x Far_LoA	-8,9260377	0,077	0,311
CHR5	1E+07	CHR5:10265607	SSF x Far_LoA	-7,67616958	-0,035	0,316
CHR5	1E+07	CHR5:10278877	SSF x Far_LoA	-8,21520608	-0,087	0,304
CHR5	1E+07	CHR5:10278928	SSF x Far_LoA	-8,98559008	-0,108	0,317
CHR5	1E+07	CHR5:10278948	SSF x Far_LoA	-8,03516364	-0,148	0,289
CHR5	1027947	CHR5:1027947	SSF x Far_LoA	-7,72560127	-0,112	0,303
CHR5	1028099	CHR5:1028099	SSF x Far_LoA	-8,45235851	-0,089	0,311
CHR5	1028201	CHR5:1028201	SSF x Far_LoA	-10,6068415	0,051	0,316
CHR5	1E+07	CHR5:10288163	SSF x Far_LoA	-11,6098849	0,116	0,300
CHR5	1E+07	CHR5:10290857	SSF x Far_LoA	-9,66406231	-0,004	0,314
CHR5	1E+07	CHR5:10310348	SSF x Far_LoA	-10,9320961	0,015	0,308
CHR5	1032244	CHR5:1032244	SSF x Far_LoA	-10,4855569	0,061	0,309
CHR5	1E+07	CHR5:10337381	SSF x Far_LoA	-10,2418375	0,123	0,298
CHR5	1E+07	CHR5:10337580	SSF x Far_LoA	-8,43452523	-0,067	0,314
CHR5	1E+07	CHR5:10337637	SSF x Far_LoA	-8,74342595	-0,041	0,314
CHR5	1033830	CHR5:1033830	SSF x Far_LoA	-8,13204965	-0,084	0,306
CHR5	1033925	CHR5:1033925	SSF x Far_LoA	-9,47102271	-0,061	0,309
CHR5	1E+07	CHR5:10349506	SSF x Far_LoA	-11,1837116	-0,012	0,295
CHR5	1E+07	CHR5:10349534	SSF x Far_LoA	-9,47089684	0,076	0,305
CHR5	1E+07	CHR5:10349538	SSF x Far_LoA	-8,39464815	0,033	0,311
CHR5	1E+07	CHR5:10363978	SSF x Far_LoA	-10,2863741	0,077	0,302
CHR5	1E+07	CHR5:10363988	SSF x Far_LoA	-8,79541303	0,044	0,305
CHR5	1E+07	CHR5:10363997	SSF x Far_LoA	-10,7365	0,011	0,299
CHR5	1E+07	CHR5:10364012	SSF x Far_LoA	-11,1526353	0,008	0,298
CHR5	1E+07	CHR5:10364049	SSF x Far_LoA	-8,79766936	-0,155	0,298
CHR5	1E+07	CHR5:10364087	SSF x Far_LoA	-7,83028124	0,110	0,303
CHR5	1E+07	CHR5:10367292	SSF x Far_LoA	-8,01191729	-0,128	0,318
CHR5	1E+07	CHR5:10367295	SSF x Far_LoA	-9,53579882	-0,112	0,309
CHR5	1E+07	CHR5:10367313	SSF x Far_LoA	-7,48533813	0,133	0,301
CHR5	1E+07	CHR5:10375024	SSF x Far_LoA	-10,9903202	-0,018	0,317
CHR5	1E+07	CHR5:10380673	SSF x Far_LoA	-11,7121552	0,044	0,306
CHR5	1E+07	CHR5:10383014	SSF x Far_LoA	-9,63442598	0,001	0,307
CHR5	1E+07	CHR5:10386000	SSF x Far_LoA	-10,1183863	-0,029	0,313
CHR5	1E+07	CHR5:10405192	SSF x Far_LoA	-11,0447365	-0,059	0,308
CHR5	1E+07	CHR5:10405197	SSF x Far_LoA	-8,91206643	-0,044	0,315
CHR5	1E+07	CHR5:10405248	SSF x Far_LoA	-9,54198811	0,048	0,310
CHR5	1E+07	CHR5:10405275	SSF x Far_LoA	-8,55230077	0,150	0,310
CHR5	1E+07	CHR5:10408674	SSF x Far_LoA	-8,60206886	-0,067	0,316
CHR5	1E+07	CHR5:10408691	SSF x Far_LoA	-9,01256297	-0,095	0,304
CHR5	1E+07	CHR5:10408818	SSF x Far_LoA	-8,52513836	-0,046	0,320

CHR5	1E+07	CHR5:10413853	SSF x Far_LoA	-8,32591109	0,012	0,305
CHR5	1E+07	CHR5:10413854	SSF x Far_LoA	-8,62485245	-0,049	0,309
CHR5	1E+07	CHR5:10441739	SSF x Far_LoA	-10,3021098	-0,031	0,314
CHR5	1E+07	CHR5:10441752	SSF x Far_LoA	-9,46197567	0,012	0,301
CHR5	1E+07	CHR5:10441805	SSF x Far_LoA	-8,66636846	0,109	0,298
CHR5	1E+07	CHR5:10445159	SSF x Far_LoA	-8,89500367	-0,018	0,307
CHR5	1E+07	CHR5:10445345	SSF x Far_LoA	-6,21754718	0,056	0,302
CHR5	1E+07	CHR5:10445386	SSF x Far_LoA	-7,84724423	-0,055	0,319
CHR5	1E+07	CHR5:10448390	SSF x Far_LoA	-11,3879618	-0,032	0,315
CHR5	1E+07	CHR5:10448433	SSF x Far_LoA	-9,49545731	-0,050	0,308
CHR5	1E+07	CHR5:10448474	SSF x Far_LoA	-6,38130241	-0,051	0,320
CHR5	1E+07	CHR5:10463350	SSF x Far_LoA	-9,86351019	-0,051	0,296
CHR5	1047548	CHR5:1047548	SSF x Far_LoA	-7,82238769	-0,064	0,300
CHR5	1047550	CHR5:1047550	SSF x Far_LoA	-8,92703152	-0,102	0,298
CHR5	1047590	CHR5:1047590	SSF x Far_LoA	-7,76513249	0,029	0,311
CHR5	1047593	CHR5:1047593	SSF x Far_LoA	-9,03203145	-0,006	0,294
CHR5	1048046	CHR5:1048046	SSF x Far_LoA	-7,7082812	-0,032	0,297
CHR5	1048076	CHR5:1048076	SSF x Far_LoA	-11,4697008	-0,004	0,307
CHR5	1048099	CHR5:1048099	SSF x Far_LoA	-10,9161558	0,014	0,309
CHR5	10526704	CHR5:10526704	SSF x Far_LoA	-11,4738033	-0,002	0,307
CHR5	10528352	CHR5:10528352	SSF x Far_LoA	-9,62993235	0,024	0,300
CHR5	10531962	CHR5:10531962	SSF x Far_LoA	-8,36728088	-0,093	0,306
CHR5	10532151	CHR5:10532151	SSF x Far_LoA	-4,08120736	-0,190	0,298
CHR5	10538921	CHR5:10538921	SSF x Far_LoA	-11,9921349	-0,024	0,305
CHR5	10551626	CHR5:10551626	SSF x Far_LoA	-8,90762608	-0,175	0,297
CHR5	10591507	CHR5:10591507	SSF x Far_LoA	-11,4851053	-0,041	0,297
CHR5	10591597	CHR5:10591597	SSF x Far_LoA	-6,58692121	-0,067	0,295
CHR5	10603404	CHR5:10603404	SSF x Far_LoA	-10,4334251	0,059	0,313
CHR5	10603542	CHR5:10603542	SSF x Far_LoA	-8,48875974	0,057	0,306
CHR5	10611415	CHR5:10611415	SSF x Far_LoA	-7,53624436	0,089	0,314
CHR5	1061349	CHR5:1061349	SSF x Far_LoA	-6,51240675	0,096	0,300
CHR5	1061387	CHR5:1061387	SSF x Far_LoA	-8,21738609	0,127	0,296
CHR5	10629349	CHR5:10629349	SSF x Far_LoA	-7,99310036	-0,070	0,311
CHR5	10629672	CHR5:10629672	SSF x Far_LoA	-3,7229164	0,201	0,291
CHR5	10629690	CHR5:10629690	SSF x Far_LoA	-8,50190734	0,119	0,307
CHR5	10629763	CHR5:10629763	SSF x Far_LoA	-9,71631428	-0,017	0,316
CHR5	10634705	CHR5:10634705	SSF x Far_LoA	-9,87867051	0,088	0,303
CHR5	10634907	CHR5:10634907	SSF x Far_LoA	-10,5522695	0,060	0,308
CHR5	10640727	CHR5:10640727	SSF x Far_LoA	-8,33051829	-0,046	0,304
CHR5	10640735	CHR5:10640735	SSF x Far_LoA	-10,3795381	-0,051	0,311
CHR5	10642951	CHR5:10642951	SSF x Far_LoA	-8,21728895	0,086	0,312
CHR5	10642981	CHR5:10642981	SSF x Far_LoA	-8,7815569	0,063	0,289
CHR5	10652125	CHR5:10652125	SSF x Far_LoA	-8,71644142	0,024	0,311
CHR5	10652136	CHR5:10652136	SSF x Far_LoA	-8,29346021	-0,141	0,300
CHR5	10652167	CHR5:10652167	SSF x Far_LoA	-10,0869388	-0,029	0,323
CHR5	10665725	CHR5:10665725	SSF x Far_LoA	-10,8971037	0,010	0,309
CHR5	10665757	CHR5:10665757	SSF x Far_LoA	-7,7691205	-0,091	0,303
CHR5	10665798	CHR5:10665798	SSF x Far_LoA	-10,3290143	-0,127	0,306
CHR5	10665803	CHR5:10665803	SSF x Far_LoA	-7,45264781	0,038	0,303
CHR5	10665832	CHR5:10665832	SSF x Far_LoA	-7,39176078	-0,115	0,298
CHR5	10665871	CHR5:10665871	SSF x Far_LoA	-10,4705299	-0,120	0,308
CHR5	10665877	CHR5:10665877	SSF x Far_LoA	-9,8167857	-0,114	0,288
CHR5	10665886	CHR5:10665886	SSF x Far_LoA	-10,5151215	0,049	0,299

CHR5	10665896	CHR5:10665896	SSF x Far_LoA	-8,19911764	-0,002	0,306
CHR5	10665924	CHR5:10665924	SSF x Far_LoA	-10,0913726	-0,014	0,311
CHR5	10665947	CHR5:10665947	SSF x Far_LoA	-9,4899233	-0,011	0,297
CHR5	10665948	CHR5:10665948	SSF x Far_LoA	-10,2820274	-0,007	0,304
CHR5	10668346	CHR5:10668346	SSF x Far_LoA	-8,58369272	0,099	0,313
CHR5	10668371	CHR5:10668371	SSF x Far_LoA	-11,7442003	-0,032	0,301
CHR5	10668410	CHR5:10668410	SSF x Far_LoA	-8,54086596	0,136	0,302
CHR5	10668899	CHR5:10668899	SSF x Far_LoA	-4,2349674	0,187	0,302
CHR5	10668939	CHR5:10668939	SSF x Far_LoA	-10,7020716	0,120	0,295
CHR5	10668947	CHR5:10668947	SSF x Far_LoA	-6,02243495	0,140	0,300
CHR5	10672340	CHR5:10672340	SSF x Far_LoA	-12,4582642	0,001	0,305
CHR5	10672447	CHR5:10672447	SSF x Far_LoA	-11,1777962	-0,014	0,291
CHR5	10676683	CHR5:10676683	SSF x Far_LoA	-7,68718912	0,037	0,298
CHR5	10676768	CHR5:10676768	SSF x Far_LoA	-7,23579607	0,141	0,293
CHR5	10676770	CHR5:10676770	SSF x Far_LoA	-10,2620784	0,075	0,310
CHR5	10676846	CHR5:10676846	SSF x Far_LoA	-12,0294448	-0,079	0,305
CHR5	10676912	CHR5:10676912	SSF x Far_LoA	-11,827994	-0,008	0,296
CHR5	10684959	CHR5:10684959	SSF x Far_LoA	-11,7041618	-0,044	0,297
CHR5	10684960	CHR5:10684960	SSF x Far_LoA	-11,1200972	-0,025	0,311
CHR5	10684972	CHR5:10684972	SSF x Far_LoA	-9,68547559	0,063	0,314
CHR5	10685007	CHR5:10685007	SSF x Far_LoA	-10,8007577	0,012	0,310
CHR5	10693711	CHR5:10693711	SSF x Far_LoA	-9,4209749	-0,078	0,316
CHR5	10696257	CHR5:10696257	SSF x Far_LoA	-11,9258715	0,034	0,312
CHR5	10696278	CHR5:10696278	SSF x Far_LoA	-9,81628723	-0,019	0,298
CHR5	10696406	CHR5:10696406	SSF x Far_LoA	-9,60034653	-0,005	0,297
CHR5	10705408	CHR5:10705408	SSF x Far_LoA	-9,58701307	-0,118	0,303
CHR5	10707821	CHR5:10707821	SSF x Far_LoA	-3,49639084	-0,111	0,314
CHR5	10707878	CHR5:10707878	SSF x Far_LoA	-10,2450767	-0,017	0,308
CHR5	10707890	CHR5:10707890	SSF x Far_LoA	-7,42835724	-0,110	0,299
CHR5	10710828	CHR5:10710828	SSF x Far_LoA	-7,05611313	0,108	0,314
CHR5	10710842	CHR5:10710842	SSF x Far_LoA	-3,57213936	-0,020	0,308
CHR5	10710870	CHR5:10710870	SSF x Far_LoA	-8,56118806	0,087	0,307
CHR5	10714356	CHR5:10714356	SSF x Far_LoA	-7,39999407	-0,124	0,302
CHR5	10714375	CHR5:10714375	SSF x Far_LoA	-9,20159044	-0,026	0,300
CHR5	10714431	CHR5:10714431	SSF x Far_LoA	-7,56244063	0,074	0,326
CHR5	10714445	CHR5:10714445	SSF x Far_LoA	-9,25156077	0,021	0,316
CHR5	10719519	CHR5:10719519	SSF x Far_LoA	-8,84884951	-0,009	0,308
CHR5	10720815	CHR5:10720815	SSF x Far_LoA	-10,4053942	0,062	0,303
CHR5	10724557	CHR5:10724557	SSF x Far_LoA	-9,89751849	0,005	0,301
CHR5	10728702	CHR5:10728702	SSF x Far_LoA	-8,05872865	0,090	0,302
CHR5	10728739	CHR5:10728739	SSF x Far_LoA	-11,2742626	-0,081	0,283
CHR5	10728746	CHR5:10728746	SSF x Far_LoA	-11,2970198	0,095	0,293
CHR5	10728776	CHR5:10728776	SSF x Far_LoA	-9,63227107	-0,059	0,303
CHR5	10738147	CHR5:10738147	SSF x Far_LoA	-10,410837	0,031	0,308
CHR5	10738165	CHR5:10738165	SSF x Far_LoA	-8,41105296	-0,095	0,295
CHR5	10738182	CHR5:10738182	SSF x Far_LoA	-8,76777796	-0,060	0,304
CHR5	10738227	CHR5:10738227	SSF x Far_LoA	-5,41120437	-0,137	0,318
CHR5	10738231	CHR5:10738231	SSF x Far_LoA	-10,3088617	-0,073	0,304
CHR5	10738260	CHR5:10738260	SSF x Far_LoA	-9,49667272	-0,135	0,296
CHR5	10738871	CHR5:10738871	SSF x Far_LoA	-9,57243899	-0,019	0,297
CHR5	10738876	CHR5:10738876	SSF x Far_LoA	-9,35280247	-0,015	0,306
CHR5	10738967	CHR5:10738967	SSF x Far_LoA	-6,9458088	0,033	0,300
CHR5	10738968	CHR5:10738968	SSF x Far_LoA	-7,90909467	-0,005	0,313

CHR5	10738992	CHR5:10738992	SSF x Far_LoA	-10,3555797	-0,003	0,305
CHR5	10746544	CHR5:10746544	SSF x Far_LoA	-9,4679872	-0,012	0,307
CHR5	10746600	CHR5:10746600	SSF x Far_LoA	-9,0345914	0,009	0,318
CHR5	10746664	CHR5:10746664	SSF x Far_LoA	-11,3326015	-0,049	0,302
CHR5	10746729	CHR5:10746729	SSF x Far_LoA	-9,37690861	-0,054	0,315
CHR5	10758239	CHR5:10758239	SSF x Far_LoA	-10,6604114	-0,105	0,305
CHR5	10772419	CHR5:10772419	SSF x Far_LoA	-9,9632119	0,073	0,303
CHR5	10772420	CHR5:10772420	SSF x Far_LoA	-9,07063541	-0,059	0,310
CHR5	10772452	CHR5:10772452	SSF x Far_LoA	-10,3225521	0,028	0,305
CHR5	10772461	CHR5:10772461	SSF x Far_LoA	-11,0192171	-0,073	0,313
CHR5	10772489	CHR5:10772489	SSF x Far_LoA	-8,73896978	-0,001	0,292
CHR5	10772498	CHR5:10772498	SSF x Far_LoA	-10,7885261	-0,053	0,300
CHR5	10772617	CHR5:10772617	SSF x Far_LoA	-9,08747434	-0,031	0,309
CHR5	10772622	CHR5:10772622	SSF x Far_LoA	-7,75582012	0,013	0,304
CHR5	10772631	CHR5:10772631	SSF x Far_LoA	-10,9800497	0,008	0,309
CHR5	10772656	CHR5:10772656	SSF x Far_LoA	-8,11481778	0,045	0,316
CHR5	10772696	CHR5:10772696	SSF x Far_LoA	-8,91069569	0,129	0,311
CHR5	10772709	CHR5:10772709	SSF x Far_LoA	-8,64535739	-0,002	0,314
CHR5	10789993	CHR5:10789993	SSF x Far_LoA	-9,55697423	-0,082	0,283
CHR5	10790015	CHR5:10790015	SSF x Far_LoA	-9,53824596	-0,012	0,310
CHR5	10790032	CHR5:10790032	SSF x Far_LoA	-10,0717113	-0,071	0,300
CHR5	10790035	CHR5:10790035	SSF x Far_LoA	-7,10296325	-0,013	0,302
CHR5	10807493	CHR5:10807493	SSF x Far_LoA	-6,72103531	0,093	0,301
CHR5	10807598	CHR5:10807598	SSF x Far_LoA	-10,0072649	0,054	0,299
CHR5	10807631	CHR5:10807631	SSF x Far_LoA	-7,5846866	-0,005	0,305
CHR5	10807658	CHR5:10807658	SSF x Far_LoA	-9,02362599	0,024	0,305
CHR5	10807664	CHR5:10807664	SSF x Far_LoA	-9,49452516	0,009	0,315
CHR5	10807694	CHR5:10807694	SSF x Far_LoA	-5,94770404	0,005	0,327
CHR5	10810557	CHR5:10810557	SSF x Far_LoA	-10,0063467	-0,056	0,314
CHR5	10810825	CHR5:10810825	SSF x Far_LoA	-11,083047	-0,014	0,319
CHR5	10816555	CHR5:10816555	SSF x Far_LoA	-8,74393373	0,125	0,302
CHR5	1081738	CHR5:1081738	SSF x Far_LoA	-8,92113614	0,023	0,291
CHR5	1081837	CHR5:1081837	SSF x Far_LoA	-8,48405271	0,058	0,296
CHR5	1081838	CHR5:1081838	SSF x Far_LoA	-7,99195775	0,042	0,306
CHR5	1081902	CHR5:1081902	SSF x Far_LoA	-9,24798873	-0,013	0,310
CHR5	1081938	CHR5:1081938	SSF x Far_LoA	-10,3648017	0,055	0,296
CHR5	10827578	CHR5:10827578	SSF x Far_LoA	-9,30283206	0,000	0,300
CHR5	10827740	CHR5:10827740	SSF x Far_LoA	-5,74591325	0,155	0,303
CHR5	10827835	CHR5:10827835	SSF x Far_LoA	-2,17872507	-0,022	0,316
CHR5	10829710	CHR5:10829710	SSF x Far_LoA	-5,58232069	0,205	0,290
CHR5	10849124	CHR5:10849124	SSF x Far_LoA	-11,6162636	0,009	0,293
CHR5	10849195	CHR5:10849195	SSF x Far_LoA	-4,81771214	-0,006	0,304
CHR5	10849226	CHR5:10849226	SSF x Far_LoA	-9,08356341	-0,003	0,323
CHR5	10852081	CHR5:10852081	SSF x Far_LoA	-8,45948878	-0,140	0,294
CHR5	10852138	CHR5:10852138	SSF x Far_LoA	-3,77876356	-0,143	0,309
CHR5	10863064	CHR5:10863064	SSF x Far_LoA	-6,43389933	0,092	0,311
CHR5	10863068	CHR5:10863068	SSF x Far_LoA	-9,81319414	-0,006	0,303
CHR5	10863110	CHR5:10863110	SSF x Far_LoA	-12,0753813	0,073	0,305
CHR5	10875838	CHR5:10875838	SSF x Far_LoA	-8,49697407	0,031	0,320
CHR5	10875993	CHR5:10875993	SSF x Far_LoA	-10,157905	0,038	0,303
CHR5	1088690	CHR5:1088690	SSF x Far_LoA	-10,8666821	-0,004	0,308
CHR5	10898285	CHR5:10898285	SSF x Far_LoA	-8,89363234	0,109	0,301
CHR5	10898295	CHR5:10898295	SSF x Far_LoA	-9,96313332	-0,053	0,299

CHR5	10898346	CHR5:10898346	SSF x Far_LoA	-11,9045287	-0,029	0,311
CHR5	10898401	CHR5:10898401	SSF x Far_LoA	-10,9440151	0,048	0,313
CHR5	10908802	CHR5:10908802	SSF x Far_LoA	-11,2091371	0,038	0,291
CHR5	10912645	CHR5:10912645	SSF x Far_LoA	-11,2258364	0,060	0,292
CHR5	10912677	CHR5:10912677	SSF x Far_LoA	-6,78653854	-0,082	0,302
CHR5	10912682	CHR5:10912682	SSF x Far_LoA	-10,6267608	-0,107	0,309
CHR5	10912687	CHR5:10912687	SSF x Far_LoA	-9,83083891	0,051	0,302
CHR5	10912764	CHR5:10912764	SSF x Far_LoA	-7,3674453	-0,071	0,308
CHR5	10912769	CHR5:10912769	SSF x Far_LoA	-11,3750081	0,053	0,298
CHR5	10912786	CHR5:10912786	SSF x Far_LoA	-7,79372385	0,007	0,322
CHR5	10912819	CHR5:10912819	SSF x Far_LoA	-11,3498011	-0,029	0,307
CHR5	10925867	CHR5:10925867	SSF x Far_LoA	-8,31388855	-0,059	0,310
CHR5	10930244	CHR5:10930244	SSF x Far_LoA	-12,1309145	0,036	0,309
CHR5	10933040	CHR5:10933040	SSF x Far_LoA	-8,44906454	-0,100	0,306
CHR5	10933046	CHR5:10933046	SSF x Far_LoA	-8,33463631	0,058	0,314
CHR5	10934844	CHR5:10934844	SSF x Far_LoA	-7,95831003	-0,122	0,284
CHR5	10934899	CHR5:10934899	SSF x Far_LoA	-9,05193695	0,013	0,304
CHR5	10934966	CHR5:10934966	SSF x Far_LoA	4,57772755	-0,136	0,308
CHR5	10934981	CHR5:10934981	SSF x Far_LoA	-11,8130809	0,042	0,313
CHR5	10934992	CHR5:10934992	SSF x Far_LoA	-8,52767631	-0,114	0,294
CHR5	10952476	CHR5:10952476	SSF x Far_LoA	-5,9476622	0,135	0,308
CHR5	10952557	CHR5:10952557	SSF x Far_LoA	-8,44437554	-0,085	0,312
CHR5	10959893	CHR5:10959893	SSF x Far_LoA	-7,77630852	0,057	0,303
CHR5	10959894	CHR5:10959894	SSF x Far_LoA	-6,58872447	0,092	0,309
CHR5	10959897	CHR5:10959897	SSF x Far_LoA	-6,52204664	-0,082	0,312
CHR5	10960006	CHR5:10960006	SSF x Far_LoA	-8,79127075	-0,016	0,299
CHR5	10960030	CHR5:10960030	SSF x Far_LoA	-8,61305224	0,040	0,312
CHR5	10960057	CHR5:10960057	SSF x Far_LoA	-8,77214547	0,013	0,306
CHR5	1096230	CHR5:1096230	SSF x Far_LoA	-9,41045614	0,024	0,301
CHR5	1096287	CHR5:1096287	SSF x Far_LoA	3,67269092	-0,121	0,296
CHR5	1096307	CHR5:1096307	SSF x Far_LoA	-10,2607699	-0,004	0,307
CHR5	1096343	CHR5:1096343	SSF x Far_LoA	-5,59598211	0,158	0,303
CHR5	1096348	CHR5:1096348	SSF x Far_LoA	-8,31337341	0,136	0,294
CHR5	1096375	CHR5:1096375	SSF x Far_LoA	-8,21862412	0,099	0,302
CHR5	10965719	CHR5:10965719	SSF x Far_LoA	-8,12859639	0,170	0,299
CHR5	10988961	CHR5:10988961	SSF x Far_LoA	-9,35296058	-0,035	0,303
CHR5	10988982	CHR5:10988982	SSF x Far_LoA	-9,25238916	-0,036	0,305
CHR5	11005491	CHR5:11005491	SSF x Far_LoA	-7,87954633	0,042	0,307
CHR5	11005492	CHR5:11005492	SSF x Far_LoA	-5,99530523	0,006	0,306
CHR5	11005548	CHR5:11005548	SSF x Far_LoA	-10,8859091	-0,025	0,302
CHR5	11005588	CHR5:11005588	SSF x Far_LoA	-9,30188628	-0,008	0,309
CHR5	11005705	CHR5:11005705	SSF x Far_LoA	-7,01668287	0,036	0,299
CHR5	11005709	CHR5:11005709	SSF x Far_LoA	-6,31491665	0,038	0,319
CHR5	11005711	CHR5:11005711	SSF x Far_LoA	-8,68800954	0,066	0,311
CHR5	11005758	CHR5:11005758	SSF x Far_LoA	-7,31619938	0,104	0,296
CHR5	11005762	CHR5:11005762	SSF x Far_LoA	-9,96263688	-0,002	0,306
CHR5	11005765	CHR5:11005765	SSF x Far_LoA	-9,02032738	-0,025	0,308
CHR5	11005788	CHR5:11005788	SSF x Far_LoA	-11,2355781	0,048	0,305
CHR5	11019801	CHR5:11019801	SSF x Far_LoA	-8,629235	0,149	0,288
CHR5	11019805	CHR5:11019805	SSF x Far_LoA	-7,80881354	0,127	0,297
CHR5	11019835	CHR5:11019835	SSF x Far_LoA	-7,72346902	-0,005	0,317
CHR5	11021847	CHR5:11021847	SSF x Far_LoA	-9,87509686	-0,111	0,304
CHR5	11021864	CHR5:11021864	SSF x Far_LoA	-9,88628809	-0,097	0,296

CHR5	11021867	CHR5:11021867	SSF x Far_LoA	-10,2100101	-0,113	0,295
CHR5	1102858	CHR5:1102858	SSF x Far_LoA	-8,8107653	-0,056	0,313
CHR5	11028758	CHR5:11028758	SSF x Far_LoA	-2,97878641	0,020	0,312
CHR5	1103012	CHR5:1103012	SSF x Far_LoA	-8,56822539	-0,085	0,306
CHR5	1103019	CHR5:1103019	SSF x Far_LoA	-7,63814084	-0,067	0,312
CHR5	11030774	CHR5:11030774	SSF x Far_LoA	-9,99877963	0,084	0,301
CHR5	11031687	CHR5:11031687	SSF x Far_LoA	-8,51451721	0,123	0,292
CHR5	11037433	CHR5:11037433	SSF x Far_LoA	-11,9867539	-0,100	0,298
CHR5	11046954	CHR5:11046954	SSF x Far_LoA	-6,29419363	0,032	0,310
CHR5	11046983	CHR5:11046983	SSF x Far_LoA	-10,0991957	-0,033	0,306
CHR5	11053980	CHR5:11053980	SSF x Far_LoA	-11,1936373	-0,007	0,312
CHR5	11054010	CHR5:11054010	SSF x Far_LoA	-7,92134522	-0,038	0,322
CHR5	11060144	CHR5:11060144	SSF x Far_LoA	-10,2022294	-0,007	0,316
CHR5	11060216	CHR5:11060216	SSF x Far_LoA	-10,839479	0,030	0,303
CHR5	11079922	CHR5:11079922	SSF x Far_LoA	-11,5291679	0,000	0,309
CHR5	11088476	CHR5:11088476	SSF x Far_LoA	-9,33145796	-0,058	0,305
CHR5	11089183	CHR5:11089183	SSF x Far_LoA	-9,85074442	0,134	0,317
CHR5	11089184	CHR5:11089184	SSF x Far_LoA	-9,35951083	-0,026	0,319
CHR5	11089215	CHR5:11089215	SSF x Far_LoA	-9,62483401	0,125	0,291
CHR5	11089256	CHR5:11089256	SSF x Far_LoA	-9,62938256	-0,091	0,300
CHR5	11089287	CHR5:11089287	SSF x Far_LoA	-11,9822475	-0,049	0,303
CHR5	11101446	CHR5:11101446	SSF x Far_LoA	-8,72463309	0,035	0,284
CHR5	11106850	CHR5:11106850	SSF x Far_LoA	-8,9991004	-0,122	0,311
CHR5	11106859	CHR5:11106859	SSF x Far_LoA	-8,70134377	0,013	0,310
CHR5	11106862	CHR5:11106862	SSF x Far_LoA	-8,95460154	-0,126	0,307
CHR5	11106884	CHR5:11106884	SSF x Far_LoA	-11,6350531	-0,008	0,300
CHR5	11107017	CHR5:11107017	SSF x Far_LoA	-5,90033701	0,032	0,290
CHR5	11113858	CHR5:11113858	SSF x Far_LoA	0,46956975	0,057	0,306
CHR5	11113894	CHR5:11113894	SSF x Far_LoA	-9,34048306	-0,015	0,302
CHR5	11113991	CHR5:11113991	SSF x Far_LoA	-7,26799019	-0,131	0,310
CHR5	11114007	CHR5:11114007	SSF x Far_LoA	-8,38692243	-0,036	0,311
CHR5	11114058	CHR5:11114058	SSF x Far_LoA	-10,0897534	0,039	0,292
CHR5	11114066	CHR5:11114066	SSF x Far_LoA	-10,1643611	-0,088	0,317
CHR5	11114083	CHR5:11114083	SSF x Far_LoA	-8,76463734	-0,023	0,308
CHR5	11114095	CHR5:11114095	SSF x Far_LoA	-9,32092583	0,031	0,319
CHR5	11118097	CHR5:11118097	SSF x Far_LoA	-6,84724699	0,174	0,308
CHR5	11118100	CHR5:11118100	SSF x Far_LoA	-8,95225717	-0,083	0,315
CHR5	11118158	CHR5:11118158	SSF x Far_LoA	-9,2555943	-0,025	0,317
CHR5	11118159	CHR5:11118159	SSF x Far_LoA	-9,26604105	-0,025	0,300
CHR5	11118173	CHR5:11118173	SSF x Far_LoA	-3,44259633	0,087	0,309
CHR5	11118281	CHR5:11118281	SSF x Far_LoA	-9,51141098	0,008	0,311
CHR5	11118291	CHR5:11118291	SSF x Far_LoA	-7,37818256	-0,100	0,312
CHR5	11123270	CHR5:11123270	SSF x Far_LoA	-9,7220277	0,057	0,302
CHR5	11123279	CHR5:11123279	SSF x Far_LoA	-7,3727945	-0,092	0,313
CHR5	11123346	CHR5:11123346	SSF x Far_LoA	-10,0222137	-0,050	0,300
CHR5	11132577	CHR5:11132577	SSF x Far_LoA	-7,676801	0,052	0,306
CHR5	11132585	CHR5:11132585	SSF x Far_LoA	-9,87653284	0,071	0,313
CHR5	11132588	CHR5:11132588	SSF x Far_LoA	-8,355354	-0,058	0,303
CHR5	11132590	CHR5:11132590	SSF x Far_LoA	-8,80066731	0,131	0,291
CHR5	11132607	CHR5:11132607	SSF x Far_LoA	-11,3807657	-0,025	0,317
CHR5	11132842	CHR5:11132842	SSF x Far_LoA	-1,51630555	0,174	0,304
CHR5	11132868	CHR5:11132868	SSF x Far_LoA	-10,5912285	0,044	0,311
CHR5	11132899	CHR5:11132899	SSF x Far_LoA	-10,2145061	-0,044	0,307

CHR5	11139491	CHR5:11139491	SSF x Far_LoA	-8,36725273	-0,042	0,297
CHR5	11139531	CHR5:11139531	SSF x Far_LoA	-9,11120458	0,020	0,308
CHR5	11139548	CHR5:11139548	SSF x Far_LoA	-10,3264121	0,016	0,305
CHR5	11142740	CHR5:11142740	SSF x Far_LoA	-7,10104425	0,190	0,294
CHR5	11145956	CHR5:11145956	SSF x Far_LoA	-10,9319	0,009	0,308
CHR5	11146207	CHR5:11146207	SSF x Far_LoA	-9,83972867	0,031	0,322
CHR5	11146225	CHR5:11146225	SSF x Far_LoA	-11,0180466	-0,042	0,295
CHR5	11150051	CHR5:11150051	SSF x Far_LoA	-10,6893737	0,016	0,304
CHR5	11150175	CHR5:11150175	SSF x Far_LoA	-8,96518609	0,044	0,313
CHR5	11153693	CHR5:11153693	SSF x Far_LoA	-6,54250011	-0,099	0,308
CHR5	11153705	CHR5:11153705	SSF x Far_LoA	-6,05016299	0,098	0,308
CHR5	11166775	CHR5:11166775	SSF x Far_LoA	-11,2179482	0,003	0,315
CHR5	11166794	CHR5:11166794	SSF x Far_LoA	-10,9769482	0,044	0,307
CHR5	11166836	CHR5:11166836	SSF x Far_LoA	-9,01008721	-0,007	0,314
CHR5	11166843	CHR5:11166843	SSF x Far_LoA	-12,3551924	-0,009	0,296
CHR5	11166852	CHR5:11166852	SSF x Far_LoA	-11,6082998	-0,010	0,316
CHR5	11166859	CHR5:11166859	SSF x Far_LoA	-10,8770403	-0,001	0,306
CHR5	11166870	CHR5:11166870	SSF x Far_LoA	-8,81020819	0,008	0,306
CHR5	11166871	CHR5:11166871	SSF x Far_LoA	-3,87533	-0,114	0,309
CHR5	11166879	CHR5:11166879	SSF x Far_LoA	-8,14686993	-0,121	0,304
CHR5	11166881	CHR5:11166881	SSF x Far_LoA	-9,06515529	0,047	0,305
CHR5	11169636	CHR5:11169636	SSF x Far_LoA	-6,75914235	-0,022	0,306
CHR5	11169641	CHR5:11169641	SSF x Far_LoA	-8,28379971	-0,102	0,297
CHR5	11169687	CHR5:11169687	SSF x Far_LoA	-9,37819866	0,101	0,300
CHR5	11169761	CHR5:11169761	SSF x Far_LoA	-9,14455758	-0,012	0,315
CHR5	11169771	CHR5:11169771	SSF x Far_LoA	-9,25215486	0,035	0,305
CHR5	11169774	CHR5:11169774	SSF x Far_LoA	-10,0086714	-0,008	0,291
CHR5	11186908	CHR5:11186908	SSF x Far_LoA	-6,2950158	0,005	0,299
CHR5	11186914	CHR5:11186914	SSF x Far_LoA	-9,7070408	-0,034	0,308
CHR5	11186940	CHR5:11186940	SSF x Far_LoA	-10,862295	0,037	0,305
CHR5	11187024	CHR5:11187024	SSF x Far_LoA	-10,744744	-0,050	0,314
CHR5	1119091	CHR5:1119091	SSF x Far_LoA	-9,9079548	0,126	0,302
CHR5	1119117	CHR5:1119117	SSF x Far_LoA	-10,8990234	0,120	0,292
CHR5	11193578	CHR5:11193578	SSF x Far_LoA	-6,76602772	-0,068	0,300
CHR5	11193579	CHR5:11193579	SSF x Far_LoA	-3,00207602	-0,119	0,302
CHR5	11193593	CHR5:11193593	SSF x Far_LoA	-8,8871674	-0,065	0,299
CHR5	11193594	CHR5:11193594	SSF x Far_LoA	-8,93358892	-0,077	0,297
CHR5	11193615	CHR5:11193615	SSF x Far_LoA	-11,5208547	-0,050	0,313
CHR5	11193662	CHR5:11193662	SSF x Far_LoA	-10,0773491	0,026	0,325
CHR5	11211594	CHR5:11211594	SSF x Far_LoA	-9,97156833	0,022	0,308
CHR5	1121269	CHR5:1121269	SSF x Far_LoA	-10,6154924	-0,014	0,299
CHR5	11219686	CHR5:11219686	SSF x Far_LoA	-8,57506917	-0,005	0,314
CHR5	11219736	CHR5:11219736	SSF x Far_LoA	-10,0373358	-0,022	0,306
CHR5	11219741	CHR5:11219741	SSF x Far_LoA	-10,7962783	-0,053	0,306
CHR5	11219743	CHR5:11219743	SSF x Far_LoA	-9,56178074	0,147	0,290
CHR5	11219757	CHR5:11219757	SSF x Far_LoA	-9,77041094	-0,047	0,304
CHR5	11229529	CHR5:11229529	SSF x Far_LoA	-8,91360727	-0,005	0,304
CHR5	11229534	CHR5:11229534	SSF x Far_LoA	-10,5429891	-0,035	0,305
CHR5	11229560	CHR5:11229560	SSF x Far_LoA	-8,71397131	-0,106	0,291
CHR5	11229668	CHR5:11229668	SSF x Far_LoA	-10,72502	-0,012	0,305
CHR5	11229739	CHR5:11229739	SSF x Far_LoA	-10,5662116	0,009	0,316
CHR5	11241415	CHR5:11241415	SSF x Far_LoA	-11,8912102	-0,048	0,306
CHR5	11255498	CHR5:11255498	SSF x Far_LoA	-7,44934796	-0,081	0,310

CHR5	11255502	CHR5:11255502	SSF x Far_LoA	-9,69893306	0,071	0,311
CHR5	11255516	CHR5:11255516	SSF x Far_LoA	-9,96625424	0,076	0,301
CHR5	11255557	CHR5:11255557	SSF x Far_LoA	-8,44168321	0,032	0,310
CHR5	11255562	CHR5:11255562	SSF x Far_LoA	-6,52424756	0,148	0,304
CHR5	11255585	CHR5:11255585	SSF x Far_LoA	-11,7594709	0,104	0,299
CHR5	11255593	CHR5:11255593	SSF x Far_LoA	-10,2717801	0,060	0,316
CHR5	11255596	CHR5:11255596	SSF x Far_LoA	-9,69454029	0,049	0,303
CHR5	11255598	CHR5:11255598	SSF x Far_LoA	-9,58672886	0,053	0,299
CHR5	11255668	CHR5:11255668	SSF x Far_LoA	-8,20593412	0,012	0,308
CHR5	11255737	CHR5:11255737	SSF x Far_LoA	-10,0755457	-0,084	0,298
CHR5	1125639	CHR5:1125639	SSF x Far_LoA	-10,9395846	0,003	0,298
CHR5	1125939	CHR5:1125939	SSF x Far_LoA	-11,2627145	-0,027	0,307
CHR5	1125998	CHR5:1125998	SSF x Far_LoA	-9,9352427	-0,021	0,316
CHR5	11273910	CHR5:11273910	SSF x Far_LoA	-11,7434176	-0,055	0,298
CHR5	11281656	CHR5:11281656	SSF x Far_LoA	-9,87781374	0,039	0,321
CHR5	11281664	CHR5:11281664	SSF x Far_LoA	-9,64187245	-0,011	0,316
CHR5	11285529	CHR5:11285529	SSF x Far_LoA	-10,1573004	0,044	0,303
CHR5	11285541	CHR5:11285541	SSF x Far_LoA	-8,47974449	0,096	0,309
CHR5	11285596	CHR5:11285596	SSF x Far_LoA	-9,34543426	0,025	0,305
CHR5	11314247	CHR5:11314247	SSF x Far_LoA	-10,5069736	0,013	0,318
CHR5	11373056	CHR5:11373056	SSF x Far_LoA	-7,27985567	0,099	0,297
CHR5	11388169	CHR5:11388169	SSF x Far_LoA	-7,75610484	-0,041	0,296
CHR5	1138827	CHR5:1138827	SSF x Far_LoA	-9,95887173	-0,154	0,303
CHR5	1139190	CHR5:1139190	SSF x Far_LoA	-8,93697754	-0,103	0,300
CHR5	11408920	CHR5:11408920	SSF x Far_LoA	-5,17536122	0,167	0,297
CHR5	11429182	CHR5:11429182	SSF x Far_LoA	-6,78059571	-0,123	0,292
CHR5	11429231	CHR5:11429231	SSF x Far_LoA	-7,70688275	-0,142	0,293
CHR5	11429264	CHR5:11429264	SSF x Far_LoA	-7,73973602	-0,205	0,281
CHR5	11434980	CHR5:11434980	SSF x Far_LoA	-8,90409766	0,068	0,285
CHR5	11434989	CHR5:11434989	SSF x Far_LoA	-9,43981306	-0,014	0,305
CHR5	11439307	CHR5:11439307	SSF x Far_LoA	-8,39261877	0,163	0,298
CHR5	11439372	CHR5:11439372	SSF x Far_LoA	-10,889744	0,150	0,297
CHR5	11439496	CHR5:11439496	SSF x Far_LoA	-0,06989691	0,015	0,319
CHR5	11446645	CHR5:11446645	SSF x Far_LoA	-10,8554485	-0,111	0,309
CHR5	11451753	CHR5:11451753	SSF x Far_LoA	-7,9349123	0,106	0,306
CHR5	11462811	CHR5:11462811	SSF x Far_LoA	-9,60658864	0,028	0,308
CHR5	11462876	CHR5:11462876	SSF x Far_LoA	-8,80724411	-0,040	0,291
CHR5	11462897	CHR5:11462897	SSF x Far_LoA	-11,6639877	-0,014	0,288
CHR5	11462936	CHR5:11462936	SSF x Far_LoA	-8,38646198	-0,004	0,303
CHR5	11463013	CHR5:11463013	SSF x Far_LoA	-9,05470581	0,046	0,296
CHR5	11482247	CHR5:11482247	SSF x Far_LoA	-11,4842908	-0,026	0,311
CHR5	11482439	CHR5:11482439	SSF x Far_LoA	-11,5911928	0,017	0,303
CHR5	11482476	CHR5:11482476	SSF x Far_LoA	-7,9718784	0,025	0,330
CHR5	11482505	CHR5:11482505	SSF x Far_LoA	-11,8643121	0,052	0,311
CHR5	11482510	CHR5:11482510	SSF x Far_LoA	-8,41732668	-0,001	0,301
CHR5	1148347	CHR5:1148347	SSF x Far_LoA	-9,27828421	0,054	0,310
CHR5	1148350	CHR5:1148350	SSF x Far_LoA	-11,9454228	0,057	0,300
CHR5	1148351	CHR5:1148351	SSF x Far_LoA	-9,80231442	-0,060	0,309
CHR5	1148370	CHR5:1148370	SSF x Far_LoA	-9,48200116	0,038	0,304
CHR5	11492409	CHR5:11492409	SSF x Far_LoA	-7,21715003	-0,177	0,284
CHR5	11492446	CHR5:11492446	SSF x Far_LoA	-6,96252146	0,260	0,274
CHR5	11497302	CHR5:11497302	SSF x Far_LoA	-9,66328936	0,126	0,296
CHR5	11502683	CHR5:11502683	SSF x Far_LoA	-10,3284328	-0,001	0,298

CHR5	11502694	CHR5:11502694	SSF x Far_LoA	-7,41518708	0,081	0,309
CHR5	11509121	CHR5:11509121	SSF x Far_LoA	-10,6816788	-0,057	0,316
CHR5	11517150	CHR5:11517150	SSF x Far_LoA	-11,2023847	0,008	0,315
CHR5	11519624	CHR5:11519624	SSF x Far_LoA	-12,3659615	-0,034	0,315
CHR5	11525776	CHR5:11525776	SSF x Far_LoA	-9,91506811	0,078	0,283
CHR5	11525787	CHR5:11525787	SSF x Far_LoA	-0,41552548	-0,025	0,327
CHR5	11525808	CHR5:11525808	SSF x Far_LoA	-10,772838	-0,015	0,304
CHR5	11525879	CHR5:11525879	SSF x Far_LoA	-9,76233113	0,008	0,311
CHR5	11525937	CHR5:11525937	SSF x Far_LoA	-9,75685546	0,041	0,315
CHR5	11525989	CHR5:11525989	SSF x Far_LoA	-8,84353192	-0,002	0,314
CHR5	11529179	CHR5:11529179	SSF x Far_LoA	9,90051751	-0,030	0,320
CHR5	11529212	CHR5:11529212	SSF x Far_LoA	-10,7676683	-0,065	0,294
CHR5	11529228	CHR5:11529228	SSF x Far_LoA	-9,25333665	0,025	0,308
CHR5	11529407	CHR5:11529407	SSF x Far_LoA	-9,55833739	0,021	0,324
CHR5	11533670	CHR5:11533670	SSF x Far_LoA	-11,9541177	-0,052	0,298
CHR5	11533778	CHR5:11533778	SSF x Far_LoA	-5,07880306	0,142	0,301
CHR5	11533848	CHR5:11533848	SSF x Far_LoA	-9,39616665	-0,031	0,310
CHR5	11566971	CHR5:11566971	SSF x Far_LoA	-10,4734545	-0,045	0,300
CHR5	11566994	CHR5:11566994	SSF x Far_LoA	-9,49341981	-0,078	0,307
CHR5	11568763	CHR5:11568763	SSF x Far_LoA	-8,87807222	0,038	0,314
CHR5	11568788	CHR5:11568788	SSF x Far_LoA	-10,5964676	-0,022	0,312
CHR5	11568829	CHR5:11568829	SSF x Far_LoA	-9,00740977	-0,018	0,306
CHR5	11570671	CHR5:11570671	SSF x Far_LoA	-9,7314584	0,194	0,279
CHR5	11570709	CHR5:11570709	SSF x Far_LoA	-3,44669688	-0,106	0,301
CHR5	11570816	CHR5:11570816	SSF x Far_LoA	-9,29885079	-0,030	0,302
CHR5	11570923	CHR5:11570923	SSF x Far_LoA	-9,5839046	-0,024	0,312
CHR5	11575941	CHR5:11575941	SSF x Far_LoA	-9,53568411	0,022	0,299
CHR5	11600980	CHR5:11600980	SSF x Far_LoA	-11,599704	0,059	0,305
CHR5	11600983	CHR5:11600983	SSF x Far_LoA	-7,78324356	0,156	0,295
CHR5	11614089	CHR5:11614089	SSF x Far_LoA	-8,09324145	-0,010	0,319
CHR5	11614095	CHR5:11614095	SSF x Far_LoA	-10,4042237	0,058	0,314
CHR5	11614096	CHR5:11614096	SSF x Far_LoA	-10,5773542	0,057	0,296
CHR5	11614097	CHR5:11614097	SSF x Far_LoA	-12,0215445	0,045	0,300
CHR5	11614101	CHR5:11614101	SSF x Far_LoA	-10,9644587	0,039	0,311
CHR5	11614167	CHR5:11614167	SSF x Far_LoA	-10,6245642	-0,031	0,316
CHR5	11614212	CHR5:11614212	SSF x Far_LoA	-6,66097224	-0,145	0,299
CHR5	11614237	CHR5:11614237	SSF x Far_LoA	-8,93754192	0,090	0,300
CHR5	11614249	CHR5:11614249	SSF x Far_LoA	-9,61477593	0,101	0,307
CHR5	11614251	CHR5:11614251	SSF x Far_LoA	-9,06812913	0,074	0,314
CHR5	11644042	CHR5:11644042	SSF x Far_LoA	-11,2381001	0,006	0,310
CHR5	11644059	CHR5:11644059	SSF x Far_LoA	-8,60948498	-0,016	0,300
CHR5	11644062	CHR5:11644062	SSF x Far_LoA	-8,76761417	-0,005	0,307
CHR5	11644092	CHR5:11644092	SSF x Far_LoA	-10,6222229	0,026	0,321
CHR5	11644248	CHR5:11644248	SSF x Far_LoA	-11,6137892	0,051	0,309
CHR5	11647115	CHR5:11647115	SSF x Far_LoA	-9,96495694	0,028	0,318
CHR5	11647269	CHR5:11647269	SSF x Far_LoA	-10,3312609	0,075	0,293
CHR5	11667739	CHR5:11667739	SSF x Far_LoA	-6,78095269	0,159	0,306
CHR5	11667797	CHR5:11667797	SSF x Far_LoA	-6,69968549	-0,072	0,296
CHR5	11667798	CHR5:11667798	SSF x Far_LoA	-10,3620077	-0,118	0,297
CHR5	11667855	CHR5:11667855	SSF x Far_LoA	-7,08010799	-0,075	0,318
CHR5	11667881	CHR5:11667881	SSF x Far_LoA	-7,30476065	-0,140	0,299
CHR5	11667897	CHR5:11667897	SSF x Far_LoA	-6,38298236	-0,163	0,295
CHR5	11667940	CHR5:11667940	SSF x Far_LoA	-7,53458257	0,157	0,328

CHR5	11673172	CHR5:11673172	SSF x Far_LoA	-9,1491656	0,106	0,302
CHR5	11673175	CHR5:11673175	SSF x Far_LoA	-11,6141248	-0,057	0,309
CHR5	11673282	CHR5:11673282	SSF x Far_LoA	-8,22397875	-0,131	0,315
CHR5	11673286	CHR5:11673286	SSF x Far_LoA	-8,76296617	0,122	0,303
CHR5	11673344	CHR5:11673344	SSF x Far_LoA	-8,8182	0,073	0,314
CHR5	11673345	CHR5:11673345	SSF x Far_LoA	-7,11010447	-0,134	0,296
CHR5	11673347	CHR5:11673347	SSF x Far_LoA	-8,73797827	-0,037	0,313
CHR5	11673348	CHR5:11673348	SSF x Far_LoA	-10,2805092	0,092	0,308
CHR5	11690247	CHR5:11690247	SSF x Far_LoA	-8,29191413	0,074	0,304
CHR5	11690286	CHR5:11690286	SSF x Far_LoA	-7,80730951	0,076	0,310
CHR5	11690333	CHR5:11690333	SSF x Far_LoA	-9,32030436	-0,003	0,328
CHR5	11690339	CHR5:11690339	SSF x Far_LoA	-9,42301687	0,071	0,307
CHR5	11690351	CHR5:11690351	SSF x Far_LoA	-9,23142239	-0,016	0,295
CHR5	11690353	CHR5:11690353	SSF x Far_LoA	-8,83069813	0,026	0,283
CHR5	11690389	CHR5:11690389	SSF x Far_LoA	-9,89139445	0,064	0,293
CHR5	11691821	CHR5:11691821	SSF x Far_LoA	-9,18772656	0,043	0,298
CHR5	11695282	CHR5:11695282	SSF x Far_LoA	-11,0996099	0,094	0,298
CHR5	1169666	CHR5:1169666	SSF x Far_LoA	-10,7232367	-0,003	0,305
CHR5	11699618	CHR5:11699618	SSF x Far_LoA	-9,94502508	0,017	0,298
CHR5	11699656	CHR5:11699656	SSF x Far_LoA	-3,59094338	-0,009	0,314
CHR5	11699752	CHR5:11699752	SSF x Far_LoA	-10,4546939	0,030	0,306
CHR5	11699789	CHR5:11699789	SSF x Far_LoA	-5,82754333	0,184	0,299
CHR5	11699794	CHR5:11699794	SSF x Far_LoA	-10,0503487	-0,042	0,304
CHR5	11703466	CHR5:11703466	SSF x Far_LoA	-8,04739603	-0,145	0,306
CHR5	11716424	CHR5:11716424	SSF x Far_LoA	-11,5515657	0,044	0,295
CHR5	11716601	CHR5:11716601	SSF x Far_LoA	-9,33634651	0,012	0,310
CHR5	11739864	CHR5:11739864	SSF x Far_LoA	-8,33669251	0,089	0,302
CHR5	11741103	CHR5:11741103	SSF x Far_LoA	-10,4637036	-0,114	0,316
CHR5	11749123	CHR5:11749123	SSF x Far_LoA	-4,98835301	-0,020	0,310
CHR5	11749181	CHR5:11749181	SSF x Far_LoA	-11,2248287	-0,074	0,302
CHR5	11749184	CHR5:11749184	SSF x Far_LoA	-9,85069843	-0,108	0,309
CHR5	11749186	CHR5:11749186	SSF x Far_LoA	-10,3572656	-0,086	0,301
CHR5	11752783	CHR5:11752783	SSF x Far_LoA	-7,4760801	0,077	0,309
CHR5	11752836	CHR5:11752836	SSF x Far_LoA	-7,56854897	0,056	0,314
CHR5	11752862	CHR5:11752862	SSF x Far_LoA	-9,89319977	-0,086	0,307
CHR5	11752896	CHR5:11752896	SSF x Far_LoA	-9,45521356	0,041	0,301
CHR5	11762841	CHR5:11762841	SSF x Far_LoA	-9,8098294	0,016	0,305
CHR5	11763034	CHR5:11763034	SSF x Far_LoA	-10,6835685	0,046	0,302
CHR5	11763046	CHR5:11763046	SSF x Far_LoA	-11,9317451	0,065	0,299
CHR5	1176510	CHR5:1176510	SSF x Far_LoA	-9,34009183	0,001	0,318
CHR5	11816871	CHR5:11816871	SSF x Far_LoA	-7,15992166	-0,056	0,316
CHR5	11867886	CHR5:11867886	SSF x Far_LoA	-8,73695671	-0,076	0,299
CHR5	11875663	CHR5:11875663	SSF x Far_LoA	-9,33204549	-0,035	0,309
CHR5	11875736	CHR5:11875736	SSF x Far_LoA	-9,00190899	0,004	0,324
CHR5	11878856	CHR5:11878856	SSF x Far_LoA	-11,1606412	0,011	0,313
CHR5	11878861	CHR5:11878861	SSF x Far_LoA	-9,96189477	-0,059	0,290
CHR5	11878882	CHR5:11878882	SSF x Far_LoA	-8,99484789	0,025	0,306
CHR5	11878930	CHR5:11878930	SSF x Far_LoA	-10,7606574	-0,028	0,304
CHR5	11885685	CHR5:11885685	SSF x Far_LoA	-11,1920505	0,118	0,294
CHR5	11885760	CHR5:11885760	SSF x Far_LoA	-9,14298067	-0,037	0,297
CHR5	11885797	CHR5:11885797	SSF x Far_LoA	-7,9705378	-0,078	0,307
CHR5	11890296	CHR5:11890296	SSF x Far_LoA	-8,9016645	-0,011	0,294
CHR5	11890349	CHR5:11890349	SSF x Far_LoA	-9,98473324	-0,090	0,309

CHR5	11890528	CHR5:11890528	SSF x Far_LoA	-8,58515978	-0,070	0,303
CHR5	11902217	CHR5:11902217	SSF x Far_LoA	-9,18955909	0,047	0,314
CHR5	1192764	CHR5:1192764	SSF x Far_LoA	-8,7359327	0,069	0,312
CHR5	11934405	CHR5:11934405	SSF x Far_LoA	-8,9547537	0,002	0,307
CHR5	11936120	CHR5:11936120	SSF x Far_LoA	-9,4867137	0,050	0,314
CHR5	11936175	CHR5:11936175	SSF x Far_LoA	-11,0587783	0,095	0,318
CHR5	11936187	CHR5:11936187	SSF x Far_LoA	-11,3513769	0,077	0,311
CHR5	11936247	CHR5:11936247	SSF x Far_LoA	-8,25782823	-0,064	0,311
CHR5	11941298	CHR5:11941298	SSF x Far_LoA	-10,4382569	-0,102	0,309
CHR5	11941318	CHR5:11941318	SSF x Far_LoA	-4,80307809	-0,115	0,299
CHR5	11941321	CHR5:11941321	SSF x Far_LoA	-9,87131334	-0,124	0,305
CHR5	11941347	CHR5:11941347	SSF x Far_LoA	-5,20768	0,193	0,290
CHR5	11941382	CHR5:11941382	SSF x Far_LoA	-10,043989	0,048	0,309
CHR5	11941399	CHR5:11941399	SSF x Far_LoA	-9,6315036	-0,129	0,316
CHR5	11941409	CHR5:11941409	SSF x Far_LoA	-11,2573584	-0,052	0,307
CHR5	11941410	CHR5:11941410	SSF x Far_LoA	-8,25999994	-0,115	0,301
CHR5	11941424	CHR5:11941424	SSF x Far_LoA	-10,306966	-0,056	0,288
CHR5	11941502	CHR5:11941502	SSF x Far_LoA	-7,7105034	0,037	0,308
CHR5	11941538	CHR5:11941538	SSF x Far_LoA	-9,38010423	-0,083	0,297
CHR5	12016650	CHR5:12016650	SSF x Far_LoA	-10,7655845	-0,049	0,310
CHR5	12031031	CHR5:12031031	SSF x Far_LoA	-9,39010374	-0,152	0,310
CHR5	1203622	CHR5:1203622	SSF x Far_LoA	-6,71589352	0,076	0,308
CHR5	1203709	CHR5:1203709	SSF x Far_LoA	-6,31624435	0,081	0,304
CHR5	1203751	CHR5:1203751	SSF x Far_LoA	-11,6066591	0,039	0,305
CHR5	1203835	CHR5:1203835	SSF x Far_LoA	-11,0827828	0,025	0,311
CHR5	12040782	CHR5:12040782	SSF x Far_LoA	-8,52478092	0,071	0,301
CHR5	12040842	CHR5:12040842	SSF x Far_LoA	-10,202379	0,042	0,310
CHR5	12063984	CHR5:12063984	SSF x Far_LoA	-11,677614	-0,001	0,305
CHR5	12064151	CHR5:12064151	SSF x Far_LoA	-11,6571189	0,045	0,318
CHR5	12073204	CHR5:12073204	SSF x Far_LoA	-9,78597948	0,031	0,315
CHR5	12073205	CHR5:12073205	SSF x Far_LoA	-7,21734441	0,048	0,307
CHR5	12073245	CHR5:12073245	SSF x Far_LoA	-8,04685797	-0,035	0,316
CHR5	12073252	CHR5:12073252	SSF x Far_LoA	-9,45526229	-0,003	0,314
CHR5	12073347	CHR5:12073347	SSF x Far_LoA	-8,75807521	-0,077	0,315
CHR5	12073396	CHR5:12073396	SSF x Far_LoA	-0,10428397	-0,065	0,304
CHR5	12078748	CHR5:12078748	SSF x Far_LoA	-6,2360706	-0,111	0,300
CHR5	12078819	CHR5:12078819	SSF x Far_LoA	-7,70283913	0,002	0,319
CHR5	12086756	CHR5:12086756	SSF x Far_LoA	-9,04801557	0,064	0,308
CHR5	12086792	CHR5:12086792	SSF x Far_LoA	-9,77895444	-0,016	0,306
CHR5	12086871	CHR5:12086871	SSF x Far_LoA	-4,74509272	-0,096	0,312
CHR5	12086875	CHR5:12086875	SSF x Far_LoA	-7,01948786	-0,119	0,311
CHR5	12086878	CHR5:12086878	SSF x Far_LoA	-8,63538966	-0,107	0,303
CHR5	12086887	CHR5:12086887	SSF x Far_LoA	-8,91115469	-0,085	0,305
CHR5	12086900	CHR5:12086900	SSF x Far_LoA	-8,67950771	-0,085	0,307
CHR5	12086915	CHR5:12086915	SSF x Far_LoA	-8,67717855	-0,107	0,321
CHR5	12115901	CHR5:12115901	SSF x Far_LoA	-8,52867757	0,072	0,308
CHR5	12115961	CHR5:12115961	SSF x Far_LoA	-6,86753561	-0,138	0,306
CHR5	12119476	CHR5:12119476	SSF x Far_LoA	-9,52893071	-0,033	0,293
CHR5	12119477	CHR5:12119477	SSF x Far_LoA	-8,64096431	-0,026	0,299
CHR5	12119495	CHR5:12119495	SSF x Far_LoA	-9,47225569	0,113	0,305
CHR5	12119572	CHR5:12119572	SSF x Far_LoA	-6,90154125	-0,048	0,323
CHR5	12119575	CHR5:12119575	SSF x Far_LoA	-10,0112004	-0,154	0,301
CHR5	12119586	CHR5:12119586	SSF x Far_LoA	-7,5119362	0,120	0,302

CHR5	12119598	CHR5:12119598	SSF x Far_LoA	-8,46526855	0,095	0,302
CHR5	12119679	CHR5:12119679	SSF x Far_LoA	-6,47572147	-0,125	0,305
CHR5	12119726	CHR5:12119726	SSF x Far_LoA	-8,24846265	-0,133	0,304
CHR5	12122758	CHR5:12122758	SSF x Far_LoA	-7,33033445	0,116	0,303
CHR5	12122850	CHR5:12122850	SSF x Far_LoA	-11,5694434	-0,031	0,310
CHR5	12122879	CHR5:12122879	SSF x Far_LoA	-4,3947469	0,249	0,292
CHR5	12129774	CHR5:12129774	SSF x Far_LoA	-8,81655605	-0,103	0,303
CHR5	12129798	CHR5:12129798	SSF x Far_LoA	-9,03084325	-0,003	0,300
CHR5	12129802	CHR5:12129802	SSF x Far_LoA	-9,3182507	0,010	0,306
CHR5	12129806	CHR5:12129806	SSF x Far_LoA	-9,51925222	-0,008	0,297
CHR5	12131144	CHR5:12131144	SSF x Far_LoA	-10,7111825	0,013	0,287
CHR5	12131166	CHR5:12131166	SSF x Far_LoA	-3,84765439	0,030	0,302
CHR5	12131170	CHR5:12131170	SSF x Far_LoA	-9,45559699	0,049	0,309
CHR5	12131214	CHR5:12131214	SSF x Far_LoA	-9,66395939	-0,131	0,317
CHR5	12136997	CHR5:12136997	SSF x Far_LoA	-9,23952053	0,046	0,302
CHR5	1214650	CHR5:1214650	SSF x Far_LoA	-11,9710567	0,016	0,304
CHR5	12154253	CHR5:12154253	SSF x Far_LoA	-10,1452313	0,003	0,313
CHR5	12177270	CHR5:12177270	SSF x Far_LoA	-8,59384567	0,033	0,313
CHR5	12177352	CHR5:12177352	SSF x Far_LoA	0,27421985	-0,036	0,307
CHR5	12181983	CHR5:12181983	SSF x Far_LoA	-9,84240811	0,059	0,310
CHR5	12182037	CHR5:12182037	SSF x Far_LoA	-10,3801937	-0,001	0,320
CHR5	12182101	CHR5:12182101	SSF x Far_LoA	-3,78746188	-0,108	0,314
CHR5	12182132	CHR5:12182132	SSF x Far_LoA	-8,36838512	0,008	0,320
CHR5	1219427	CHR5:1219427	SSF x Far_LoA	-10,4355685	-0,121	0,300
CHR5	12195365	CHR5:12195365	SSF x Far_LoA	-5,66101715	0,168	0,291
CHR5	12200017	CHR5:12200017	SSF x Far_LoA	-7,25684129	-0,179	0,307
CHR5	12200035	CHR5:12200035	SSF x Far_LoA	-8,31596554	0,004	0,304
CHR5	12200155	CHR5:12200155	SSF x Far_LoA	-9,45274882	0,054	0,301
CHR5	12200157	CHR5:12200157	SSF x Far_LoA	-8,83606755	0,050	0,293
CHR5	12200230	CHR5:12200230	SSF x Far_LoA	-10,3810398	-0,057	0,299
CHR5	12202419	CHR5:12202419	SSF x Far_LoA	-8,09806699	-0,111	0,302
CHR5	12202448	CHR5:12202448	SSF x Far_LoA	-6,08178918	0,097	0,308
CHR5	12202471	CHR5:12202471	SSF x Far_LoA	-9,23707015	-0,077	0,327
CHR5	12202484	CHR5:12202484	SSF x Far_LoA	-7,0774562	0,051	0,291
CHR5	12202604	CHR5:12202604	SSF x Far_LoA	-8,40869226	0,019	0,317
CHR5	12212719	CHR5:12212719	SSF x Far_LoA	-10,761679	0,034	0,314
CHR5	12212721	CHR5:12212721	SSF x Far_LoA	-7,75698157	-0,161	0,306
CHR5	12212728	CHR5:12212728	SSF x Far_LoA	-8,14772864	-0,092	0,299
CHR5	12212730	CHR5:12212730	SSF x Far_LoA	-10,4022326	0,020	0,300
CHR5	12212736	CHR5:12212736	SSF x Far_LoA	-0,08482145	-0,129	0,317
CHR5	12212737	CHR5:12212737	SSF x Far_LoA	-7,46214974	-0,079	0,293
CHR5	12212750	CHR5:12212750	SSF x Far_LoA	-10,5591617	0,018	0,297
CHR5	12212756	CHR5:12212756	SSF x Far_LoA	-8,89631874	-0,099	0,294
CHR5	12212787	CHR5:12212787	SSF x Far_LoA	-9,21928916	-0,020	0,317
CHR5	12212802	CHR5:12212802	SSF x Far_LoA	-9,71647266	-0,056	0,302
CHR5	12212821	CHR5:12212821	SSF x Far_LoA	3,36573094	-0,008	0,323
CHR5	12212834	CHR5:12212834	SSF x Far_LoA	-9,77237724	0,057	0,303
CHR5	12212844	CHR5:12212844	SSF x Far_LoA	-9,6491299	0,157	0,289
CHR5	12212968	CHR5:12212968	SSF x Far_LoA	-11,4762604	0,008	0,314
CHR5	12229270	CHR5:12229270	SSF x Far_LoA	-9,27871343	-0,025	0,298
CHR5	12229367	CHR5:12229367	SSF x Far_LoA	-10,5460747	0,076	0,296
CHR5	12243121	CHR5:12243121	SSF x Far_LoA	-9,73292787	0,101	0,294
CHR5	12243124	CHR5:12243124	SSF x Far_LoA	-10,3196561	-0,064	0,292

CHR5	12243165	CHR5:12243165	SSF x Far_LoA	-5,85895693	0,126	0,306
CHR5	12265328	CHR5:12265328	SSF x Far_LoA	-7,65075268	0,201	0,289
CHR5	12265391	CHR5:12265391	SSF x Far_LoA	-12,1178429	-0,022	0,298
CHR5	12265392	CHR5:12265392	SSF x Far_LoA	-10,3574337	-0,012	0,319
CHR5	12266099	CHR5:12266099	SSF x Far_LoA	-4,66776935	-0,070	0,302
CHR5	1227227	CHR5:1227227	SSF x Far_LoA	-8,71977699	-0,098	0,308
CHR5	1227255	CHR5:1227255	SSF x Far_LoA	-4,26354629	0,112	0,286
CHR5	1227258	CHR5:1227258	SSF x Far_LoA	-8,79057649	-0,012	0,305
CHR5	1227269	CHR5:1227269	SSF x Far_LoA	-9,8069046	-0,012	0,316
CHR5	1227272	CHR5:1227272	SSF x Far_LoA	-9,59347764	-0,017	0,303
CHR5	1227288	CHR5:1227288	SSF x Far_LoA	-9,0906351	-0,113	0,309
CHR5	1227338	CHR5:1227338	SSF x Far_LoA	-10,888036	-0,048	0,308
CHR5	1227341	CHR5:1227341	SSF x Far_LoA	-11,1832165	-0,034	0,311
CHR5	12274741	CHR5:12274741	SSF x Far_LoA	-9,07548624	0,011	0,308
CHR5	12274789	CHR5:12274789	SSF x Far_LoA	-10,6319713	-0,014	0,299
CHR5	12274790	CHR5:12274790	SSF x Far_LoA	-10,292579	0,008	0,308
CHR5	12274809	CHR5:12274809	SSF x Far_LoA	-8,17268704	0,182	0,302
CHR5	12298037	CHR5:12298037	SSF x Far_LoA	-9,75409248	0,001	0,305
CHR5	12298038	CHR5:12298038	SSF x Far_LoA	-7,80513416	0,027	0,300
CHR5	12298146	CHR5:12298146	SSF x Far_LoA	-8,98185582	-0,080	0,303
CHR5	12298171	CHR5:12298171	SSF x Far_LoA	-7,90454876	0,041	0,310
CHR5	12298292	CHR5:12298292	SSF x Far_LoA	-6,9956803	0,060	0,313
CHR5	12298300	CHR5:12298300	SSF x Far_LoA	-8,28823717	0,039	0,305
CHR5	12314565	CHR5:12314565	SSF x Far_LoA	-11,4191336	0,052	0,295
CHR5	12314737	CHR5:12314737	SSF x Far_LoA	-10,5935796	-0,123	0,297
CHR5	12319784	CHR5:12319784	SSF x Far_LoA	-9,74398873	0,003	0,301
CHR5	12319788	CHR5:12319788	SSF x Far_LoA	-11,6894004	-0,022	0,306
CHR5	12319791	CHR5:12319791	SSF x Far_LoA	-10,6563564	0,068	0,303
CHR5	12319793	CHR5:12319793	SSF x Far_LoA	-9,95556644	0,017	0,293
CHR5	12319918	CHR5:12319918	SSF x Far_LoA	-10,3571972	-0,078	0,315
CHR5	1235575	CHR5:1235575	SSF x Far_LoA	-9,09537562	0,068	0,305
CHR5	12365238	CHR5:12365238	SSF x Far_LoA	-6,71988406	0,159	0,286
CHR5	12365320	CHR5:12365320	SSF x Far_LoA	-7,95182928	0,066	0,296
CHR5	12365329	CHR5:12365329	SSF x Far_LoA	-10,3903954	0,079	0,291
CHR5	12365332	CHR5:12365332	SSF x Far_LoA	-9,49332659	-0,077	0,302
CHR5	12365449	CHR5:12365449	SSF x Far_LoA	-11,6964455	0,012	0,303
CHR5	12365471	CHR5:12365471	SSF x Far_LoA	-11,9723348	-0,061	0,312
CHR5	12369090	CHR5:12369090	SSF x Far_LoA	-6,7432976	-0,048	0,311
CHR5	12369091	CHR5:12369091	SSF x Far_LoA	-8,92945013	0,005	0,314
CHR5	12369122	CHR5:12369122	SSF x Far_LoA	-9,53363152	0,063	0,304
CHR5	12369212	CHR5:12369212	SSF x Far_LoA	-6,73507935	0,031	0,308
CHR5	12369217	CHR5:12369217	SSF x Far_LoA	-10,5778913	-0,020	0,291
CHR5	12372075	CHR5:12372075	SSF x Far_LoA	-11,3497274	0,089	0,316
CHR5	12372078	CHR5:12372078	SSF x Far_LoA	-9,51844584	-0,026	0,314
CHR5	12372113	CHR5:12372113	SSF x Far_LoA	-10,9392835	0,078	0,308
CHR5	12372271	CHR5:12372271	SSF x Far_LoA	-8,39596031	0,071	0,316
CHR5	12372305	CHR5:12372305	SSF x Far_LoA	-10,0241011	0,001	0,301
CHR5	12384798	CHR5:12384798	SSF x Far_LoA	-9,09413904	-0,083	0,316
CHR5	12384806	CHR5:12384806	SSF x Far_LoA	-7,74315711	-0,006	0,308
CHR5	12384835	CHR5:12384835	SSF x Far_LoA	-9,53135465	0,095	0,306
CHR5	12384899	CHR5:12384899	SSF x Far_LoA	-11,3834866	0,065	0,320
CHR5	12385005	CHR5:12385005	SSF x Far_LoA	-8,36808761	-0,049	0,311
CHR5	12385023	CHR5:12385023	SSF x Far_LoA	-9,19353123	0,028	0,299

CHR5	12385088	CHR5:12385088	SSF x Far_LoA	-8,93127557	0,041	0,310
CHR5	1239789	CHR5:1239789	SSF x Far_LoA	-11,4008436	-0,069	0,291
CHR5	12402909	CHR5:12402909	SSF x Far_LoA	-8,64341303	0,056	0,305
CHR5	12402990	CHR5:12402990	SSF x Far_LoA	-9,19195797	0,111	0,315
CHR5	12403034	CHR5:12403034	SSF x Far_LoA	-9,54352043	-0,086	0,304
CHR5	12404669	CHR5:12404669	SSF x Far_LoA	-10,0130554	-0,068	0,323
CHR5	12404671	CHR5:12404671	SSF x Far_LoA	-8,92687397	-0,035	0,315
CHR5	12404700	CHR5:12404700	SSF x Far_LoA	-10,976704	-0,012	0,301
CHR5	12404765	CHR5:12404765	SSF x Far_LoA	-9,82527867	-0,109	0,304
CHR5	12404788	CHR5:12404788	SSF x Far_LoA	-6,93128136	0,186	0,307
CHR5	12404802	CHR5:12404802	SSF x Far_LoA	-8,26771423	-0,132	0,298
CHR5	12404808	CHR5:12404808	SSF x Far_LoA	-9,82022624	0,025	0,315
CHR5	12404822	CHR5:12404822	SSF x Far_LoA	-7,46223365	0,002	0,320
CHR5	12404904	CHR5:12404904	SSF x Far_LoA	-5,23199407	-0,124	0,308
CHR5	1240534	CHR5:1240534	SSF x Far_LoA	-7,53169152	-0,109	0,304
CHR5	12423330	CHR5:12423330	SSF x Far_LoA	-9,47294328	0,003	0,306
CHR5	12423358	CHR5:12423358	SSF x Far_LoA	-7,2995487	0,126	0,288
CHR5	12423362	CHR5:12423362	SSF x Far_LoA	-8,37815016	-0,066	0,308
CHR5	12423379	CHR5:12423379	SSF x Far_LoA	-10,6603485	-0,041	0,318
CHR5	12423382	CHR5:12423382	SSF x Far_LoA	-8,68830247	-0,007	0,301
CHR5	12423447	CHR5:12423447	SSF x Far_LoA	-8,99659009	0,094	0,307
CHR5	12423492	CHR5:12423492	SSF x Far_LoA	-8,59175639	-0,057	0,300
CHR5	12423516	CHR5:12423516	SSF x Far_LoA	-10,5777641	-0,049	0,297
CHR5	1242726	CHR5:1242726	SSF x Far_LoA	-10,7374858	0,040	0,307
CHR5	12441250	CHR5:12441250	SSF x Far_LoA	-8,50221144	-0,077	0,300
CHR5	12441276	CHR5:12441276	SSF x Far_LoA	-9,01642793	0,061	0,285
CHR5	12441455	CHR5:12441455	SSF x Far_LoA	-9,28567111	0,031	0,308
CHR5	12441514	CHR5:12441514	SSF x Far_LoA	-6,60562215	-0,167	0,295
CHR5	12441631	CHR5:12441631	SSF x Far_LoA	-3,97616224	0,210	0,289
CHR5	12453433	CHR5:12453433	SSF x Far_LoA	-7,96884824	0,106	0,312
CHR5	12453454	CHR5:12453454	SSF x Far_LoA	-11,3863888	0,008	0,307
CHR5	12453465	CHR5:12453465	SSF x Far_LoA	-12,305438	-0,032	0,303
CHR5	12456083	CHR5:12456083	SSF x Far_LoA	-11,6519984	0,053	0,313
CHR5	12456148	CHR5:12456148	SSF x Far_LoA	-9,93703019	0,056	0,319
CHR5	12456203	CHR5:12456203	SSF x Far_LoA	-8,45457964	0,173	0,308
CHR5	12456233	CHR5:12456233	SSF x Far_LoA	-3,24653651	0,030	0,306
CHR5	12456235	CHR5:12456235	SSF x Far_LoA	-10,1275844	0,022	0,317
CHR5	12456237	CHR5:12456237	SSF x Far_LoA	-8,63958247	-0,013	0,314
CHR5	12456251	CHR5:12456251	SSF x Far_LoA	-7,89239603	0,118	0,318
CHR5	12456253	CHR5:12456253	SSF x Far_LoA	-9,61038303	0,009	0,294
CHR5	12456277	CHR5:12456277	SSF x Far_LoA	-10,4803308	0,080	0,308
CHR5	12461151	CHR5:12461151	SSF x Far_LoA	-6,49203022	0,096	0,315
CHR5	12461229	CHR5:12461229	SSF x Far_LoA	-10,9142865	0,012	0,295
CHR5	12461240	CHR5:12461240	SSF x Far_LoA	-9,45671971	0,187	0,297
CHR5	12461251	CHR5:12461251	SSF x Far_LoA	-6,02679205	-0,172	0,312
CHR5	12461283	CHR5:12461283	SSF x Far_LoA	-9,63690552	-0,005	0,308
CHR5	12461524	CHR5:12461524	SSF x Far_LoA	-10,2976007	0,129	0,306
CHR5	12461572	CHR5:12461572	SSF x Far_LoA	-11,0899178	0,119	0,300
CHR5	12462926	CHR5:12462926	SSF x Far_LoA	-6,97208565	0,101	0,297
CHR5	12462929	CHR5:12462929	SSF x Far_LoA	-9,14883442	0,100	0,305
CHR5	12463058	CHR5:12463058	SSF x Far_LoA	-9,08444773	-0,035	0,297
CHR5	12468748	CHR5:12468748	SSF x Far_LoA	-11,5346833	0,059	0,304
CHR5	12468749	CHR5:12468749	SSF x Far_LoA	-10,0752081	0,057	0,312

CHR5	12468902	CHR5:12468902	SSF x Far_LoA	-10,3262501	-0,029	0,318
CHR5	12468925	CHR5:12468925	SSF x Far_LoA	-10,7658132	0,113	0,298
CHR5	12468961	CHR5:12468961	SSF x Far_LoA	-10,7376325	-0,025	0,314
CHR5	12468964	CHR5:12468964	SSF x Far_LoA	-10,2210997	-0,077	0,289
CHR5	12469030	CHR5:12469030	SSF x Far_LoA	-9,09262407	0,086	0,319
CHR5	12485588	CHR5:12485588	SSF x Far_LoA	-12,0904976	0,031	0,307
CHR5	12496657	CHR5:12496657	SSF x Far_LoA	-4,86687835	-0,165	0,295
CHR5	12496663	CHR5:12496663	SSF x Far_LoA	-8,87684773	0,098	0,304
CHR5	12496708	CHR5:12496708	SSF x Far_LoA	-9,33157485	-0,030	0,306
CHR5	12496709	CHR5:12496709	SSF x Far_LoA	-7,5336332	0,110	0,300
CHR5	12496713	CHR5:12496713	SSF x Far_LoA	-9,06263693	0,018	0,319
CHR5	12496775	CHR5:12496775	SSF x Far_LoA	-11,225285	0,019	0,297
CHR5	12496818	CHR5:12496818	SSF x Far_LoA	-7,84027184	0,109	0,303
CHR5	12496832	CHR5:12496832	SSF x Far_LoA	-6,86068773	0,121	0,304
CHR5	12496862	CHR5:12496862	SSF x Far_LoA	-8,57758869	-0,110	0,300
CHR5	12509214	CHR5:12509214	SSF x Far_LoA	-7,8412352	0,128	0,304
CHR5	12509253	CHR5:12509253	SSF x Far_LoA	-10,2589159	0,039	0,305
CHR5	12509257	CHR5:12509257	SSF x Far_LoA	-10,7430309	0,000	0,312
CHR5	12509261	CHR5:12509261	SSF x Far_LoA	-11,0179247	-0,052	0,314
CHR5	12509306	CHR5:12509306	SSF x Far_LoA	-10,4492779	0,042	0,301
CHR5	12509308	CHR5:12509308	SSF x Far_LoA	-11,1461171	0,027	0,307
CHR5	12509312	CHR5:12509312	SSF x Far_LoA	-8,77115683	-0,025	0,305
CHR5	12510357	CHR5:12510357	SSF x Far_LoA	-9,25311496	0,067	0,296
CHR5	12510385	CHR5:12510385	SSF x Far_LoA	-11,0528571	0,006	0,304
CHR5	12510390	CHR5:12510390	SSF x Far_LoA	-7,6384203	-0,017	0,318
CHR5	12510392	CHR5:12510392	SSF x Far_LoA	-8,83721024	-0,078	0,311
CHR5	12510393	CHR5:12510393	SSF x Far_LoA	-9,06249512	-0,080	0,315
CHR5	12510399	CHR5:12510399	SSF x Far_LoA	-9,96639036	0,080	0,310
CHR5	12510579	CHR5:12510579	SSF x Far_LoA	-10,7807677	-0,051	0,304
CHR5	12510580	CHR5:12510580	SSF x Far_LoA	-10,7654974	-0,033	0,294
CHR5	12523952	CHR5:12523952	SSF x Far_LoA	-10,8345094	-0,091	0,304
CHR5	12524060	CHR5:12524060	SSF x Far_LoA	-10,5931844	0,040	0,305
CHR5	12524138	CHR5:12524138	SSF x Far_LoA	-7,78291871	-0,182	0,295
CHR5	12533327	CHR5:12533327	SSF x Far_LoA	-10,2092229	0,001	0,310
CHR5	12533337	CHR5:12533337	SSF x Far_LoA	-7,34128615	-0,034	0,320
CHR5	12533342	CHR5:12533342	SSF x Far_LoA	-8,46536434	-0,015	0,312
CHR5	12533350	CHR5:12533350	SSF x Far_LoA	-7,06180309	-0,099	0,295
CHR5	12533389	CHR5:12533389	SSF x Far_LoA	-8,34867968	0,016	0,318
CHR5	12533419	CHR5:12533419	SSF x Far_LoA	-11,3584693	-0,075	0,309
CHR5	12533427	CHR5:12533427	SSF x Far_LoA	-4,66820607	0,119	0,306
CHR5	12533451	CHR5:12533451	SSF x Far_LoA	-7,78515291	0,101	0,316
CHR5	12533459	CHR5:12533459	SSF x Far_LoA	-8,8016914	0,067	0,299
CHR5	12533932	CHR5:12533932	SSF x Far_LoA	-10,3820723	-0,050	0,311
CHR5	12534036	CHR5:12534036	SSF x Far_LoA	-10,5946977	-0,060	0,314
CHR5	12537496	CHR5:12537496	SSF x Far_LoA	-10,6342085	-0,054	0,307
CHR5	12537526	CHR5:12537526	SSF x Far_LoA	-9,24034397	-0,030	0,313
CHR5	12537546	CHR5:12537546	SSF x Far_LoA	-10,4919011	-0,033	0,301
CHR5	12537633	CHR5:12537633	SSF x Far_LoA	-9,00229128	0,072	0,302
CHR5	12537635	CHR5:12537635	SSF x Far_LoA	-8,20254579	0,056	0,309
CHR5	12537678	CHR5:12537678	SSF x Far_LoA	-9,80458149	0,036	0,308
CHR5	12537699	CHR5:12537699	SSF x Far_LoA	-7,58021685	0,043	0,319
CHR5	12540481	CHR5:12540481	SSF x Far_LoA	-6,56539495	-0,035	0,315
CHR5	12540534	CHR5:12540534	SSF x Far_LoA	-10,8295164	-0,050	0,299

CHR5	12540535	CHR5:12540535	SSF x Far_LoA	-4,2963701	0,061	0,309
CHR5	12540593	CHR5:12540593	SSF x Far_LoA	-10,2230476	0,061	0,292
CHR5	12540595	CHR5:12540595	SSF x Far_LoA	-10,6896673	0,066	0,308
CHR5	12540673	CHR5:12540673	SSF x Far_LoA	-9,48554278	-0,015	0,312
CHR5	12540682	CHR5:12540682	SSF x Far_LoA	-10,3122844	0,011	0,302
CHR5	12554414	CHR5:12554414	SSF x Far_LoA	-7,07833646	0,046	0,297
CHR5	12554503	CHR5:12554503	SSF x Far_LoA	-8,27928949	0,088	0,298
CHR5	12554527	CHR5:12554527	SSF x Far_LoA	-8,91022685	0,079	0,317
CHR5	12562060	CHR5:12562060	SSF x Far_LoA	-8,43499505	0,107	0,293
CHR5	12562095	CHR5:12562095	SSF x Far_LoA	-11,0702706	-0,063	0,304
CHR5	12562116	CHR5:12562116	SSF x Far_LoA	-9,99755845	-0,079	0,279
CHR5	12562225	CHR5:12562225	SSF x Far_LoA	-6,48559332	0,195	0,300
CHR5	12564499	CHR5:12564499	SSF x Far_LoA	-9,87510703	-0,016	0,307
CHR5	12564535	CHR5:12564535	SSF x Far_LoA	-8,50124953	0,118	0,302
CHR5	12564659	CHR5:12564659	SSF x Far_LoA	-8,18771704	-0,098	0,300
CHR5	12577943	CHR5:12577943	SSF x Far_LoA	-7,55427172	-0,143	0,306
CHR5	12577965	CHR5:12577965	SSF x Far_LoA	-8,07207949	0,198	0,295
CHR5	12598062	CHR5:12598062	SSF x Far_LoA	-9,62728516	-0,071	0,312
CHR5	12598112	CHR5:12598112	SSF x Far_LoA	-10,540568	0,121	0,304
CHR5	12598142	CHR5:12598142	SSF x Far_LoA	-10,6397215	-0,006	0,302
CHR5	12598163	CHR5:12598163	SSF x Far_LoA	-1,55505559	-0,071	0,319
CHR5	12634921	CHR5:12634921	SSF x Far_LoA	-10,3202298	-0,013	0,318
CHR5	12635146	CHR5:12635146	SSF x Far_LoA	-10,2762746	-0,015	0,319
CHR5	12635181	CHR5:12635181	SSF x Far_LoA	-7,5506245	-0,011	0,314
CHR5	12635204	CHR5:12635204	SSF x Far_LoA	-6,11849173	0,064	0,315
CHR5	12635207	CHR5:12635207	SSF x Far_LoA	-6,86686495	0,145	0,295
CHR5	126358	CHR5:126358	SSF x Far_LoA	-8,41199755	0,076	0,302
CHR5	12653911	CHR5:12653911	SSF x Far_LoA	-10,174848	-0,086	0,306
CHR5	12653931	CHR5:12653931	SSF x Far_LoA	-7,3344556	-0,089	0,310
CHR5	12699465	CHR5:12699465	SSF x Far_LoA	-10,3538095	0,046	0,306
CHR5	12699496	CHR5:12699496	SSF x Far_LoA	-6,70453794	-0,128	0,300
CHR5	12703511	CHR5:12703511	SSF x Far_LoA	-8,64516288	-0,087	0,309
CHR5	1275506	CHR5:1275506	SSF x Far_LoA	-6,14188127	-0,133	0,308
CHR5	12773143	CHR5:12773143	SSF x Far_LoA	-10,962678	0,104	0,302
CHR5	12773264	CHR5:12773264	SSF x Far_LoA	-10,51348	0,115	0,298
CHR5	12773283	CHR5:12773283	SSF x Far_LoA	-10,6660679	0,086	0,299
CHR5	12773285	CHR5:12773285	SSF x Far_LoA	-9,05487483	0,130	0,312
CHR5	12807927	CHR5:12807927	SSF x Far_LoA	-10,5361969	-0,074	0,311
CHR5	12807961	CHR5:12807961	SSF x Far_LoA	-9,24595713	-0,140	0,301
CHR5	12807964	CHR5:12807964	SSF x Far_LoA	-10,649087	-0,079	0,310
CHR5	12811518	CHR5:12811518	SSF x Far_LoA	-8,84016814	-0,089	0,316
CHR5	12811548	CHR5:12811548	SSF x Far_LoA	-7,64436683	0,207	0,289
CHR5	12811559	CHR5:12811559	SSF x Far_LoA	-7,17324142	0,234	0,292
CHR5	12811583	CHR5:12811583	SSF x Far_LoA	-8,58255596	-0,058	0,305
CHR5	12818950	CHR5:12818950	SSF x Far_LoA	-10,0593309	0,119	0,312
CHR5	12818977	CHR5:12818977	SSF x Far_LoA	-6,8141418	0,188	0,286
CHR5	12824389	CHR5:12824389	SSF x Far_LoA	-2,21757067	-0,047	0,327
CHR5	12824418	CHR5:12824418	SSF x Far_LoA	-9,58832007	0,105	0,303
CHR5	12824491	CHR5:12824491	SSF x Far_LoA	-4,12607776	0,042	0,304
CHR5	12824823	CHR5:12824823	SSF x Far_LoA	-10,7531626	0,052	0,307
CHR5	12824834	CHR5:12824834	SSF x Far_LoA	-11,1135917	0,017	0,310
CHR5	12824868	CHR5:12824868	SSF x Far_LoA	-2,87715295	0,006	0,317
CHR5	12824873	CHR5:12824873	SSF x Far_LoA	-8,83525126	-0,019	0,308

CHR5	12824881	CHR5:12824881	SSF x Far_LoA	-10,9808375	0,010	0,306
CHR5	12824914	CHR5:12824914	SSF x Far_LoA	-7,94605897	0,039	0,315
CHR5	12824934	CHR5:12824934	SSF x Far_LoA	-8,25679228	-0,064	0,299
CHR5	12837701	CHR5:12837701	SSF x Far_LoA	-11,2422677	-0,067	0,311
CHR5	12837766	CHR5:12837766	SSF x Far_LoA	-9,7878628	-0,049	0,301
CHR5	12837778	CHR5:12837778	SSF x Far_LoA	-8,72616556	0,022	0,298
CHR5	12837791	CHR5:12837791	SSF x Far_LoA	-8,43779024	-0,091	0,306
CHR5	12837845	CHR5:12837845	SSF x Far_LoA	-10,4694404	0,087	0,304
CHR5	12837861	CHR5:12837861	SSF x Far_LoA	-2,59359419	0,195	0,304
CHR5	12837866	CHR5:12837866	SSF x Far_LoA	-6,96683481	0,218	0,289
CHR5	12837930	CHR5:12837930	SSF x Far_LoA	-9,4642699	-0,069	0,311
CHR5	12844801	CHR5:12844801	SSF x Far_LoA	-7,63160855	-0,017	0,325
CHR5	12851005	CHR5:12851005	SSF x Far_LoA	-8,39980301	-0,054	0,313
CHR5	12851009	CHR5:12851009	SSF x Far_LoA	-9,09161199	-0,073	0,303
CHR5	12851700	CHR5:12851700	SSF x Far_LoA	-3,03127968	-0,133	0,306
CHR5	12851733	CHR5:12851733	SSF x Far_LoA	-10,1256335	0,035	0,316
CHR5	12851735	CHR5:12851735	SSF x Far_LoA	-10,4206308	0,028	0,310
CHR5	12851755	CHR5:12851755	SSF x Far_LoA	-6,09222528	0,133	0,301
CHR5	12851766	CHR5:12851766	SSF x Far_LoA	-9,08232691	-0,038	0,292
CHR5	12851770	CHR5:12851770	SSF x Far_LoA	-7,18132621	-0,109	0,311
CHR5	12868078	CHR5:12868078	SSF x Far_LoA	-8,50832213	-0,078	0,289
CHR5	12868181	CHR5:12868181	SSF x Far_LoA	-8,68433079	-0,034	0,315
CHR5	12873685	CHR5:12873685	SSF x Far_LoA	-9,74709123	0,040	0,301
CHR5	12873763	CHR5:12873763	SSF x Far_LoA	-2,34756157	-0,051	0,318
CHR5	12873799	CHR5:12873799	SSF x Far_LoA	-9,72436015	-0,006	0,294
CHR5	12873839	CHR5:12873839	SSF x Far_LoA	-9,11678942	0,133	0,298
CHR5	12873876	CHR5:12873876	SSF x Far_LoA	-9,57199977	-0,076	0,323
CHR5	12873878	CHR5:12873878	SSF x Far_LoA	-10,3420179	0,077	0,300
CHR5	12885919	CHR5:12885919	SSF x Far_LoA	-9,8753176	-0,032	0,304
CHR5	12885931	CHR5:12885931	SSF x Far_LoA	-6,87442493	-0,034	0,325
CHR5	12886009	CHR5:12886009	SSF x Far_LoA	-10,1678766	0,073	0,303
CHR5	12899309	CHR5:12899309	SSF x Far_LoA	-9,65669389	0,087	0,305
CHR5	12902445	CHR5:12902445	SSF x Far_LoA	-11,302441	-0,055	0,309
CHR5	12902472	CHR5:12902472	SSF x Far_LoA	-7,58547538	0,133	0,304
CHR5	12902506	CHR5:12902506	SSF x Far_LoA	-9,26666893	0,005	0,319
CHR5	12903615	CHR5:12903615	SSF x Far_LoA	-11,9635391	0,049	0,289
CHR5	12903618	CHR5:12903618	SSF x Far_LoA	-8,90663653	0,000	0,299
CHR5	12903660	CHR5:12903660	SSF x Far_LoA	-11,1190391	0,004	0,316
CHR5	12903711	CHR5:12903711	SSF x Far_LoA	-9,39411538	-0,096	0,307
CHR5	12908391	CHR5:12908391	SSF x Far_LoA	-10,9398768	0,095	0,303
CHR5	12908457	CHR5:12908457	SSF x Far_LoA	-8,39443153	-0,063	0,313
CHR5	12908471	CHR5:12908471	SSF x Far_LoA	-10,7310818	0,108	0,301
CHR5	12908515	CHR5:12908515	SSF x Far_LoA	-9,50230522	0,089	0,300
CHR5	12908527	CHR5:12908527	SSF x Far_LoA	-8,56725744	0,084	0,313
CHR5	12908528	CHR5:12908528	SSF x Far_LoA	-9,53167826	-0,146	0,296
CHR5	12908536	CHR5:12908536	SSF x Far_LoA	-7,55249677	-0,052	0,325
CHR5	12908554	CHR5:12908554	SSF x Far_LoA	-8,43825317	-0,084	0,307
CHR5	12916232	CHR5:12916232	SSF x Far_LoA	-9,74651019	-0,116	0,298
CHR5	12916255	CHR5:12916255	SSF x Far_LoA	-10,3856521	0,060	0,299
CHR5	12916267	CHR5:12916267	SSF x Far_LoA	-9,65158598	-0,015	0,305
CHR5	12926078	CHR5:12926078	SSF x Far_LoA	-8,32413427	0,064	0,308
CHR5	12938965	CHR5:12938965	SSF x Far_LoA	-7,47292839	0,003	0,299
CHR5	12950695	CHR5:12950695	SSF x Far_LoA	-11,2313648	-0,021	0,311

CHR5	12950738	CHR5:12950738	SSF x Far_LoA	-8,16034145	0,069	0,315
CHR5	12966180	CHR5:12966180	SSF x Far_LoA	-9,17074442	0,027	0,295
CHR5	12966298	CHR5:12966298	SSF x Far_LoA	-8,63940485	0,030	0,317
CHR5	12966361	CHR5:12966361	SSF x Far_LoA	-11,0969809	0,032	0,298
CHR5	12966366	CHR5:12966366	SSF x Far_LoA	-9,7986398	-0,023	0,302
CHR5	12966490	CHR5:12966490	SSF x Far_LoA	-9,4869319	0,037	0,309
CHR5	12970324	CHR5:12970324	SSF x Far_LoA	-7,3891418	0,082	0,309
CHR5	12970355	CHR5:12970355	SSF x Far_LoA	-10,3388557	-0,004	0,323
CHR5	12970432	CHR5:12970432	SSF x Far_LoA	-11,347013	-0,041	0,298
CHR5	12978916	CHR5:12978916	SSF x Far_LoA	-8,33157702	-0,088	0,309
CHR5	12978970	CHR5:12978970	SSF x Far_LoA	-7,44121424	-0,127	0,290
CHR5	12978971	CHR5:12978971	SSF x Far_LoA	-10,238076	-0,019	0,313
CHR5	12978976	CHR5:12978976	SSF x Far_LoA	-7,65073232	-0,077	0,313
CHR5	12979096	CHR5:12979096	SSF x Far_LoA	-11,9355103	0,010	0,306
CHR5	12980198	CHR5:12980198	SSF x Far_LoA	-7,07916119	-0,139	0,301
CHR5	12980284	CHR5:12980284	SSF x Far_LoA	-9,94852633	0,122	0,314
CHR5	12980330	CHR5:12980330	SSF x Far_LoA	-8,67441747	-0,111	0,301
CHR5	12980341	CHR5:12980341	SSF x Far_LoA	-8,43314656	-0,084	0,316
CHR5	12982929	CHR5:12982929	SSF x Far_LoA	-6,84248357	0,178	0,292
CHR5	12988625	CHR5:12988625	SSF x Far_LoA	-8,41056096	-0,116	0,308
CHR5	12988626	CHR5:12988626	SSF x Far_LoA	-11,0984202	-0,043	0,305
CHR5	12988651	CHR5:12988651	SSF x Far_LoA	-10,4080426	-0,060	0,303
CHR5	12988681	CHR5:12988681	SSF x Far_LoA	-11,4285784	0,081	0,292
CHR5	12988799	CHR5:12988799	SSF x Far_LoA	-9,80014527	0,097	0,308
CHR5	12992345	CHR5:12992345	SSF x Far_LoA	-11,8453118	0,010	0,307
CHR5	12992406	CHR5:12992406	SSF x Far_LoA	-9,11727354	0,055	0,305
CHR5	12992417	CHR5:12992417	SSF x Far_LoA	-10,7475175	0,027	0,306
CHR5	12992476	CHR5:12992476	SSF x Far_LoA	-10,1178124	-0,095	0,315
CHR5	12992511	CHR5:12992511	SSF x Far_LoA	-10,3100167	-0,036	0,301
CHR5	12992577	CHR5:12992577	SSF x Far_LoA	-9,40750078	-0,011	0,305
CHR5	12992596	CHR5:12992596	SSF x Far_LoA	-10,4584583	0,141	0,291
CHR5	12992597	CHR5:12992597	SSF x Far_LoA	-10,159086	-0,056	0,302
CHR5	13015033	CHR5:13015033	SSF x Far_LoA	-7,57081016	0,095	0,314
CHR5	13037089	CHR5:13037089	SSF x Far_LoA	-5,79129563	-0,111	0,323
CHR5	13040146	CHR5:13040146	SSF x Far_LoA	-7,17837949	-0,103	0,319
CHR5	13040264	CHR5:13040264	SSF x Far_LoA	-9,79106535	-0,070	0,292
CHR5	13040292	CHR5:13040292	SSF x Far_LoA	-8,44371843	-0,122	0,293
CHR5	13046962	CHR5:13046962	SSF x Far_LoA	-8,11365093	0,065	0,297
CHR5	13046969	CHR5:13046969	SSF x Far_LoA	-8,08712484	0,021	0,322
CHR5	13047007	CHR5:13047007	SSF x Far_LoA	-11,6833655	0,002	0,303
CHR5	13047359	CHR5:13047359	SSF x Far_LoA	4,01745551	0,167	0,304
CHR5	13047367	CHR5:13047367	SSF x Far_LoA	-10,5043481	0,131	0,309
CHR5	13047379	CHR5:13047379	SSF x Far_LoA	-9,11374761	0,094	0,312
CHR5	13047395	CHR5:13047395	SSF x Far_LoA	-9,8888741	-0,017	0,312
CHR5	13047399	CHR5:13047399	SSF x Far_LoA	-5,13138972	0,016	0,316
CHR5	13047412	CHR5:13047412	SSF x Far_LoA	-8,80583743	0,062	0,309
CHR5	13059718	CHR5:13059718	SSF x Far_LoA	-9,38724285	0,032	0,313
CHR5	13059755	CHR5:13059755	SSF x Far_LoA	-9,86741373	-0,068	0,311
CHR5	13059760	CHR5:13059760	SSF x Far_LoA	-7,43086475	0,012	0,303
CHR5	13059765	CHR5:13059765	SSF x Far_LoA	-8,1193722	0,055	0,292
CHR5	13059798	CHR5:13059798	SSF x Far_LoA	-10,6981112	-0,042	0,311
CHR5	13074881	CHR5:13074881	SSF x Far_LoA	-8,70245185	0,007	0,298
CHR5	13074882	CHR5:13074882	SSF x Far_LoA	-10,0634451	-0,007	0,302

CHR5	13074888	CHR5:13074888	SSF x Far_LoA	-8,06550724	-0,044	0,305
CHR5	13074890	CHR5:13074890	SSF x Far_LoA	-8,20281271	0,089	0,316
CHR5	13074925	CHR5:13074925	SSF x Far_LoA	-8,54037732	0,186	0,292
CHR5	13074980	CHR5:13074980	SSF x Far_LoA	-8,46277707	0,076	0,299
CHR5	13074985	CHR5:13074985	SSF x Far_LoA	-8,75791558	0,085	0,306
CHR5	13074998	CHR5:13074998	SSF x Far_LoA	-9,3137789	0,022	0,308
CHR5	13075019	CHR5:13075019	SSF x Far_LoA	-8,94461994	0,079	0,304
CHR5	13095906	CHR5:13095906	SSF x Far_LoA	-6,26704484	0,041	0,314
CHR5	13103335	CHR5:13103335	SSF x Far_LoA	-10,9852546	0,075	0,309
CHR5	13104234	CHR5:13104234	SSF x Far_LoA	-6,93447717	0,233	0,302
CHR5	13104241	CHR5:13104241	SSF x Far_LoA	-5,64391802	-0,161	0,299
CHR5	13107445	CHR5:13107445	SSF x Far_LoA	-8,98545951	-0,024	0,312
CHR5	13107483	CHR5:13107483	SSF x Far_LoA	-8,86684735	0,019	0,312
CHR5	13107484	CHR5:13107484	SSF x Far_LoA	-9,03623574	0,002	0,311
CHR5	13112903	CHR5:13112903	SSF x Far_LoA	-9,92758941	0,058	0,308
CHR5	13112970	CHR5:13112970	SSF x Far_LoA	-9,81943281	-0,157	0,305
CHR5	13119048	CHR5:13119048	SSF x Far_LoA	-10,7334752	-0,093	0,297
CHR5	13137333	CHR5:13137333	SSF x Far_LoA	-9,68692512	0,006	0,303
CHR5	13137434	CHR5:13137434	SSF x Far_LoA	-10,601185	0,071	0,315
CHR5	13137435	CHR5:13137435	SSF x Far_LoA	-10,9889797	0,071	0,307
CHR5	13137527	CHR5:13137527	SSF x Far_LoA	-7,74471481	0,191	0,284
CHR5	13137536	CHR5:13137536	SSF x Far_LoA	-5,88224266	-0,045	0,319
CHR5	13146593	CHR5:13146593	SSF x Far_LoA	-9,20241924	-0,101	0,309
CHR5	13146594	CHR5:13146594	SSF x Far_LoA	-7,01994713	-0,091	0,312
CHR5	13146700	CHR5:13146700	SSF x Far_LoA	-9,37309417	0,023	0,303
CHR5	13146779	CHR5:13146779	SSF x Far_LoA	-9,40318623	0,029	0,309
CHR5	13146810	CHR5:13146810	SSF x Far_LoA	-9,8821023	0,122	0,314
CHR5	13146819	CHR5:13146819	SSF x Far_LoA	-9,071278	0,015	0,314
CHR5	13146836	CHR5:13146836	SSF x Far_LoA	-9,41907391	-0,009	0,301
CHR5	1315314	CHR5:1315314	SSF x Far_LoA	-6,04026206	0,103	0,302
CHR5	1315338	CHR5:1315338	SSF x Far_LoA	-7,91818527	0,040	0,321
CHR5	13169942	CHR5:13169942	SSF x Far_LoA	-10,5812317	0,020	0,309
CHR5	13170002	CHR5:13170002	SSF x Far_LoA	-4,01489991	0,126	0,289
CHR5	13170003	CHR5:13170003	SSF x Far_LoA	-11,0953549	0,053	0,310
CHR5	13176098	CHR5:13176098	SSF x Far_LoA	-7,84802874	0,062	0,307
CHR5	13176848	CHR5:13176848	SSF x Far_LoA	-9,84625376	-0,034	0,301
CHR5	13176895	CHR5:13176895	SSF x Far_LoA	-7,30001782	-0,085	0,297
CHR5	13176911	CHR5:13176911	SSF x Far_LoA	-9,36073637	0,004	0,320
CHR5	13176918	CHR5:13176918	SSF x Far_LoA	-10,9862458	0,046	0,320
CHR5	13176926	CHR5:13176926	SSF x Far_LoA	-9,27586265	0,007	0,313
CHR5	13181614	CHR5:13181614	SSF x Far_LoA	-7,82085176	-0,133	0,296
CHR5	13196989	CHR5:13196989	SSF x Far_LoA	-11,5478361	0,025	0,306
CHR5	13197036	CHR5:13197036	SSF x Far_LoA	-10,2462968	-0,054	0,303
CHR5	13197060	CHR5:13197060	SSF x Far_LoA	-9,42511174	-0,019	0,305
CHR5	13197129	CHR5:13197129	SSF x Far_LoA	-11,22573	0,041	0,312
CHR5	13202185	CHR5:13202185	SSF x Far_LoA	-5,37880656	-0,224	0,299
CHR5	13202218	CHR5:13202218	SSF x Far_LoA	-6,23673399	0,119	0,302
CHR5	13212629	CHR5:13212629	SSF x Far_LoA	-9,93095562	0,004	0,305
CHR5	13212644	CHR5:13212644	SSF x Far_LoA	-8,85506571	0,030	0,305
CHR5	13212674	CHR5:13212674	SSF x Far_LoA	-10,3491641	-0,026	0,302
CHR5	13212676	CHR5:13212676	SSF x Far_LoA	-11,1480204	-0,019	0,306
CHR5	13212696	CHR5:13212696	SSF x Far_LoA	-8,26217151	0,005	0,278
CHR5	13212705	CHR5:13212705	SSF x Far_LoA	-11,6013389	-0,021	0,304

CHR5	13225705	CHR5:13225705	SSF x Far_LoA	-10,8701637	0,002	0,301
CHR5	13225726	CHR5:13225726	SSF x Far_LoA	-10,5783844	0,031	0,281
CHR5	13236938	CHR5:13236938	SSF x Far_LoA	-10,3127611	-0,001	0,321
CHR5	13236947	CHR5:13236947	SSF x Far_LoA	-3,14693201	0,182	0,285
CHR5	13236948	CHR5:13236948	SSF x Far_LoA	-8,98049411	-0,090	0,299
CHR5	13237087	CHR5:13237087	SSF x Far_LoA	-9,03298077	0,117	0,285
CHR5	13237102	CHR5:13237102	SSF x Far_LoA	-8,75436391	-0,121	0,301
CHR5	13237114	CHR5:13237114	SSF x Far_LoA	-3,87141234	-0,115	0,308
CHR5	13237133	CHR5:13237133	SSF x Far_LoA	-8,60720089	0,153	0,275
CHR5	13238831	CHR5:13238831	SSF x Far_LoA	-9,51819293	-0,121	0,304
CHR5	13238997	CHR5:13238997	SSF x Far_LoA	-5,20231742	0,168	0,301
CHR5	13239035	CHR5:13239035	SSF x Far_LoA	-10,9251385	0,060	0,311
CHR5	1325480	CHR5:1325480	SSF x Far_LoA	-7,78864168	-0,172	0,304
CHR5	13255284	CHR5:13255284	SSF x Far_LoA	-11,0257659	0,051	0,313
CHR5	13255365	CHR5:13255365	SSF x Far_LoA	-9,21642932	-0,079	0,311
CHR5	13255404	CHR5:13255404	SSF x Far_LoA	-3,27914188	0,116	0,310
CHR5	13255420	CHR5:13255420	SSF x Far_LoA	-10,5701438	0,049	0,302
CHR5	13259721	CHR5:13259721	SSF x Far_LoA	-5,64483216	0,146	0,295
CHR5	13259727	CHR5:13259727	SSF x Far_LoA	-11,4575629	0,016	0,303
CHR5	13259792	CHR5:13259792	SSF x Far_LoA	-10,2904905	-0,071	0,299
CHR5	13260056	CHR5:13260056	SSF x Far_LoA	-7,07577832	-0,214	0,315
CHR5	13266692	CHR5:13266692	SSF x Far_LoA	-12,032425	-0,014	0,305
CHR5	13266734	CHR5:13266734	SSF x Far_LoA	-10,3521277	-0,109	0,300
CHR5	13266793	CHR5:13266793	SSF x Far_LoA	-9,13301146	-0,137	0,309
CHR5	13270126	CHR5:13270126	SSF x Far_LoA	-9,06165489	-0,037	0,304
CHR5	13270498	CHR5:13270498	SSF x Far_LoA	-8,60436288	-0,052	0,304
CHR5	13270555	CHR5:13270555	SSF x Far_LoA	-10,9528386	0,075	0,297
CHR5	13270559	CHR5:13270559	SSF x Far_LoA	-5,69114347	0,214	0,289
CHR5	13281498	CHR5:13281498	SSF x Far_LoA	-9,77300389	-0,044	0,303
CHR5	13289659	CHR5:13289659	SSF x Far_LoA	-8,16142048	-0,091	0,292
CHR5	13289725	CHR5:13289725	SSF x Far_LoA	-5,99680252	-0,018	0,316
CHR5	13289774	CHR5:13289774	SSF x Far_LoA	-7,7213037	0,092	0,320
CHR5	13289801	CHR5:13289801	SSF x Far_LoA	-9,88715931	-0,060	0,315
CHR5	13289828	CHR5:13289828	SSF x Far_LoA	-8,92197036	0,110	0,296
CHR5	13289844	CHR5:13289844	SSF x Far_LoA	-10,253926	-0,067	0,307
CHR5	13289848	CHR5:13289848	SSF x Far_LoA	-1,08032226	0,180	0,298
CHR5	13289853	CHR5:13289853	SSF x Far_LoA	1,59426753	0,162	0,307
CHR5	13289877	CHR5:13289877	SSF x Far_LoA	-8,38657156	0,074	0,304
CHR5	13289905	CHR5:13289905	SSF x Far_LoA	-7,78712717	0,177	0,290
CHR5	13289957	CHR5:13289957	SSF x Far_LoA	-11,3844292	-0,004	0,316
CHR5	13289962	CHR5:13289962	SSF x Far_LoA	-8,50198894	0,173	0,308
CHR5	13289964	CHR5:13289964	SSF x Far_LoA	-3,46203738	0,168	0,296
CHR5	13303031	CHR5:13303031	SSF x Far_LoA	-11,272512	-0,047	0,299
CHR5	13303032	CHR5:13303032	SSF x Far_LoA	-8,94683542	-0,028	0,306
CHR5	13309126	CHR5:13309126	SSF x Far_LoA	-8,35106845	0,150	0,300
CHR5	13309155	CHR5:13309155	SSF x Far_LoA	-9,26397197	-0,143	0,318
CHR5	13322731	CHR5:13322731	SSF x Far_LoA	-12,3338905	-0,015	0,301
CHR5	13322746	CHR5:13322746	SSF x Far_LoA	-7,99749787	-0,121	0,306
CHR5	13322754	CHR5:13322754	SSF x Far_LoA	-9,41157364	0,044	0,305
CHR5	13337123	CHR5:13337123	SSF x Far_LoA	-10,4670003	-0,044	0,310
CHR5	13337136	CHR5:13337136	SSF x Far_LoA	-9,95301768	0,064	0,322
CHR5	13337160	CHR5:13337160	SSF x Far_LoA	-10,5249248	0,028	0,303
CHR5	13337227	CHR5:13337227	SSF x Far_LoA	-9,29700286	-0,090	0,315

CHR5	13337252	CHR5:13337252	SSF x Far_LoA	-7,18407239	-0,117	0,308
CHR5	13337264	CHR5:13337264	SSF x Far_LoA	-9,8096793	-0,105	0,312
CHR5	13338470	CHR5:13338470	SSF x Far_LoA	-10,1602334	-0,031	0,305
CHR5	13338492	CHR5:13338492	SSF x Far_LoA	-9,77231171	-0,066	0,314
CHR5	13338520	CHR5:13338520	SSF x Far_LoA	-10,150082	0,002	0,308
CHR5	13340736	CHR5:13340736	SSF x Far_LoA	-8,97900197	0,130	0,305
CHR5	13340767	CHR5:13340767	SSF x Far_LoA	-7,03746638	0,114	0,306
CHR5	13340815	CHR5:13340815	SSF x Far_LoA	-8,87586107	0,165	0,299
CHR5	13340829	CHR5:13340829	SSF x Far_LoA	-10,2030697	0,012	0,309
CHR5	13340849	CHR5:13340849	SSF x Far_LoA	-9,87358799	-0,092	0,311
CHR5	13340871	CHR5:13340871	SSF x Far_LoA	-9,58433103	0,127	0,282
CHR5	13346711	CHR5:13346711	SSF x Far_LoA	-10,1123048	0,077	0,305
CHR5	13356784	CHR5:13356784	SSF x Far_LoA	-10,9512492	-0,031	0,303
CHR5	13356809	CHR5:13356809	SSF x Far_LoA	-7,81703831	0,033	0,316
CHR5	13364080	CHR5:13364080	SSF x Far_LoA	-9,00711823	-0,049	0,308
CHR5	13364112	CHR5:13364112	SSF x Far_LoA	-10,9827783	-0,050	0,309
CHR5	13364167	CHR5:13364167	SSF x Far_LoA	-8,80411563	0,057	0,314
CHR5	13364248	CHR5:13364248	SSF x Far_LoA	-11,2793357	0,065	0,304
CHR5	13364260	CHR5:13364260	SSF x Far_LoA	-8,0191778	-0,086	0,312
CHR5	13364274	CHR5:13364274	SSF x Far_LoA	-7,67717501	-0,127	0,296
CHR5	13364275	CHR5:13364275	SSF x Far_LoA	-9,04477942	-0,136	0,297
CHR5	13364287	CHR5:13364287	SSF x Far_LoA	1,60404879	-0,090	0,324
CHR5	13364342	CHR5:13364342	SSF x Far_LoA	-8,68529335	-0,098	0,314
CHR5	13366509	CHR5:13366509	SSF x Far_LoA	-6,89064616	-0,034	0,314
CHR5	13366515	CHR5:13366515	SSF x Far_LoA	-8,51622999	0,092	0,303
CHR5	13366831	CHR5:13366831	SSF x Far_LoA	-10,7982256	-0,010	0,320
CHR5	13385373	CHR5:13385373	SSF x Far_LoA	-5,01429373	-0,027	0,304
CHR5	1339365	CHR5:1339365	SSF x Far_LoA	-8,27670011	0,139	0,300
CHR5	1339378	CHR5:1339378	SSF x Far_LoA	-9,87921708	-0,012	0,302
CHR5	13396672	CHR5:13396672	SSF x Far_LoA	-10,5784711	-0,041	0,313
CHR5	13396673	CHR5:13396673	SSF x Far_LoA	-11,7711025	-0,057	0,308
CHR5	13396694	CHR5:13396694	SSF x Far_LoA	-9,67741489	-0,063	0,305
CHR5	13396909	CHR5:13396909	SSF x Far_LoA	-11,5613351	-0,037	0,293
CHR5	13402723	CHR5:13402723	SSF x Far_LoA	-9,74280155	-0,033	0,306
CHR5	13402730	CHR5:13402730	SSF x Far_LoA	-10,378295	-0,062	0,297
CHR5	13402834	CHR5:13402834	SSF x Far_LoA	-9,53791236	0,047	0,298
CHR5	13402852	CHR5:13402852	SSF x Far_LoA	-6,78397317	0,024	0,301
CHR5	13409557	CHR5:13409557	SSF x Far_LoA	-7,97335377	-0,030	0,301
CHR5	13409636	CHR5:13409636	SSF x Far_LoA	-9,89268188	0,039	0,311
CHR5	13414565	CHR5:13414565	SSF x Far_LoA	-9,79120871	-0,012	0,312
CHR5	13414583	CHR5:13414583	SSF x Far_LoA	-6,47057352	0,085	0,314
CHR5	13414612	CHR5:13414612	SSF x Far_LoA	-10,4236144	0,043	0,311
CHR5	13414640	CHR5:13414640	SSF x Far_LoA	-1,34639003	-0,049	0,302
CHR5	13421220	CHR5:13421220	SSF x Far_LoA	-6,98146502	-0,186	0,309
CHR5	13421265	CHR5:13421265	SSF x Far_LoA	-1,4862282	-0,191	0,293
CHR5	13421275	CHR5:13421275	SSF x Far_LoA	-9,59841459	-0,157	0,299
CHR5	13421311	CHR5:13421311	SSF x Far_LoA	-9,06374397	-0,066	0,311
CHR5	13421312	CHR5:13421312	SSF x Far_LoA	-7,00970714	-0,090	0,309
CHR5	13421313	CHR5:13421313	SSF x Far_LoA	-6,82147912	-0,123	0,306
CHR5	13421316	CHR5:13421316	SSF x Far_LoA	1,95830793	-0,143	0,307
CHR5	13421337	CHR5:13421337	SSF x Far_LoA	-6,70163093	-0,146	0,316
CHR5	13421339	CHR5:13421339	SSF x Far_LoA	-8,97090955	-0,100	0,306
CHR5	13422059	CHR5:13422059	SSF x Far_LoA	-7,03550251	-0,071	0,313

CHR5	13422062	CHR5:13422062	SSF x Far_LoA	-12,309839	0,014	0,305
CHR5	13427470	CHR5:13427470	SSF x Far_LoA	-8,71590678	0,075	0,308
CHR5	13427548	CHR5:13427548	SSF x Far_LoA	-8,5464432	0,041	0,292
CHR5	13427572	CHR5:13427572	SSF x Far_LoA	-11,6607903	0,001	0,315
CHR5	13427644	CHR5:13427644	SSF x Far_LoA	-8,67102878	0,103	0,306
CHR5	13427646	CHR5:13427646	SSF x Far_LoA	-8,31568769	-0,158	0,300
CHR5	13427678	CHR5:13427678	SSF x Far_LoA	-6,42157462	-0,149	0,316
CHR5	13427716	CHR5:13427716	SSF x Far_LoA	-10,8667387	0,076	0,311
CHR5	13430428	CHR5:13430428	SSF x Far_LoA	-9,70203406	0,020	0,300
CHR5	13430490	CHR5:13430490	SSF x Far_LoA	-9,67237851	0,123	0,300
CHR5	13430512	CHR5:13430512	SSF x Far_LoA	-8,06432152	-0,038	0,317
CHR5	13433367	CHR5:13433367	SSF x Far_LoA	-6,70717208	-0,017	0,318
CHR5	13459412	CHR5:13459412	SSF x Far_LoA	-8,86153952	0,078	0,317
CHR5	13459422	CHR5:13459422	SSF x Far_LoA	-8,62954775	0,031	0,300
CHR5	13459445	CHR5:13459445	SSF x Far_LoA	-9,55211425	-0,052	0,307
CHR5	13459492	CHR5:13459492	SSF x Far_LoA	-8,75878086	-0,071	0,314
CHR5	13459495	CHR5:13459495	SSF x Far_LoA	-6,74185045	-0,071	0,297
CHR5	13459667	CHR5:13459667	SSF x Far_LoA	-11,5223504	0,039	0,306
CHR5	13459761	CHR5:13459761	SSF x Far_LoA	-4,09051104	-0,072	0,300
CHR5	1348101	CHR5:1348101	SSF x Far_LoA	-8,65214506	-0,004	0,307
CHR5	1348219	CHR5:1348219	SSF x Far_LoA	-9,54516633	0,015	0,310
CHR5	13483781	CHR5:13483781	SSF x Far_LoA	-9,83482511	-0,022	0,306
CHR5	13483788	CHR5:13483788	SSF x Far_LoA	-8,8282872	0,002	0,318
CHR5	13483791	CHR5:13483791	SSF x Far_LoA	-10,5393266	-0,002	0,307
CHR5	13483816	CHR5:13483816	SSF x Far_LoA	-9,98172112	0,096	0,307
CHR5	13485039	CHR5:13485039	SSF x Far_LoA	-11,029677	-0,039	0,311
CHR5	13485268	CHR5:13485268	SSF x Far_LoA	-10,3852579	-0,051	0,297
CHR5	13486377	CHR5:13486377	SSF x Far_LoA	-8,57761418	-0,091	0,310
CHR5	13486409	CHR5:13486409	SSF x Far_LoA	-8,43757665	0,067	0,291
CHR5	13486446	CHR5:13486446	SSF x Far_LoA	-2,86458931	-0,067	0,303
CHR5	13490461	CHR5:13490461	SSF x Far_LoA	-10,1256894	0,011	0,300
CHR5	13490567	CHR5:13490567	SSF x Far_LoA	-9,11915528	0,098	0,304
CHR5	13490617	CHR5:13490617	SSF x Far_LoA	-11,7162726	0,016	0,310
CHR5	13501556	CHR5:13501556	SSF x Far_LoA	-7,27633127	-0,007	0,309
CHR5	13501565	CHR5:13501565	SSF x Far_LoA	-8,40592861	-0,035	0,299
CHR5	13501576	CHR5:13501576	SSF x Far_LoA	-8,62454845	-0,015	0,288
CHR5	13501615	CHR5:13501615	SSF x Far_LoA	-9,84592787	-0,116	0,311
CHR5	13501638	CHR5:13501638	SSF x Far_LoA	-6,55751552	-0,053	0,300
CHR5	13501667	CHR5:13501667	SSF x Far_LoA	-9,42458028	-0,034	0,310
CHR5	13501702	CHR5:13501702	SSF x Far_LoA	-8,16811944	0,081	0,290
CHR5	13501779	CHR5:13501779	SSF x Far_LoA	-9,83502541	-0,072	0,311
CHR5	13505206	CHR5:13505206	SSF x Far_LoA	-7,24743115	-0,229	0,292
CHR5	13505208	CHR5:13505208	SSF x Far_LoA	-5,88755912	0,181	0,304
CHR5	13505256	CHR5:13505256	SSF x Far_LoA	-9,82572039	0,002	0,314
CHR5	13505297	CHR5:13505297	SSF x Far_LoA	-8,15207437	-0,058	0,312
CHR5	13505315	CHR5:13505315	SSF x Far_LoA	-9,55800992	0,047	0,318
CHR5	13505354	CHR5:13505354	SSF x Far_LoA	-9,13313842	0,167	0,288
CHR5	13505366	CHR5:13505366	SSF x Far_LoA	-7,41720807	-0,132	0,303
CHR5	13505400	CHR5:13505400	SSF x Far_LoA	-7,68758811	0,078	0,312
CHR5	13505407	CHR5:13505407	SSF x Far_LoA	-5,24428727	0,122	0,310
CHR5	13505432	CHR5:13505432	SSF x Far_LoA	-9,98532945	0,006	0,301
CHR5	13505457	CHR5:13505457	SSF x Far_LoA	-1,4757667	0,113	0,295
CHR5	13519119	CHR5:13519119	SSF x Far_LoA	-7,02364958	-0,194	0,301

CHR5	13519162	CHR5:13519162	SSF x Far_LoA	-7,80530693	-0,145	0,313
CHR5	13519205	CHR5:13519205	SSF x Far_LoA	-4,4409922	0,205	0,279
CHR5	13519220	CHR5:13519220	SSF x Far_LoA	-10,6116993	-0,039	0,305
CHR5	13521910	CHR5:13521910	SSF x Far_LoA	-8,91405704	-0,046	0,292
CHR5	13521913	CHR5:13521913	SSF x Far_LoA	-8,90321944	-0,117	0,302
CHR5	13521920	CHR5:13521920	SSF x Far_LoA	-9,52194333	-0,072	0,313
CHR5	13521929	CHR5:13521929	SSF x Far_LoA	-7,78949379	-0,014	0,322
CHR5	13521931	CHR5:13521931	SSF x Far_LoA	-8,90590866	0,015	0,312
CHR5	13521951	CHR5:13521951	SSF x Far_LoA	-11,904698	-0,076	0,299
CHR5	13521967	CHR5:13521967	SSF x Far_LoA	-9,18015299	-0,070	0,299
CHR5	13522004	CHR5:13522004	SSF x Far_LoA	-9,53178805	0,076	0,297
CHR5	13522011	CHR5:13522011	SSF x Far_LoA	-8,84328777	-0,140	0,312
CHR5	13522015	CHR5:13522015	SSF x Far_LoA	-4,54539202	0,068	0,308
CHR5	13522034	CHR5:13522034	SSF x Far_LoA	-8,41611113	-0,136	0,298
CHR5	13522049	CHR5:13522049	SSF x Far_LoA	-6,76038597	0,097	0,293
CHR5	13522057	CHR5:13522057	SSF x Far_LoA	-3,06985748	0,177	0,297
CHR5	13522065	CHR5:13522065	SSF x Far_LoA	-8,56071904	-0,018	0,320
CHR5	13522072	CHR5:13522072	SSF x Far_LoA	-9,72907888	-0,018	0,324
CHR5	13522101	CHR5:13522101	SSF x Far_LoA	-9,6022506	0,122	0,289
CHR5	13522102	CHR5:13522102	SSF x Far_LoA	-10,2864356	-0,102	0,299
CHR5	13522103	CHR5:13522103	SSF x Far_LoA	-8,86120726	-0,060	0,319
CHR5	13522119	CHR5:13522119	SSF x Far_LoA	-10,5127262	-0,033	0,301
CHR5	13522155	CHR5:13522155	SSF x Far_LoA	-8,55810145	-0,059	0,306
CHR5	13522159	CHR5:13522159	SSF x Far_LoA	-8,89039275	0,157	0,310
CHR5	13522179	CHR5:13522179	SSF x Far_LoA	-7,42835543	-0,036	0,305
CHR5	13528786	CHR5:13528786	SSF x Far_LoA	-10,0282508	-0,004	0,309
CHR5	13528819	CHR5:13528819	SSF x Far_LoA	-10,5176277	0,009	0,305
CHR5	13551563	CHR5:13551563	SSF x Far_LoA	-9,75233144	-0,047	0,303
CHR5	13563865	CHR5:13563865	SSF x Far_LoA	-9,55951381	0,171	0,292
CHR5	13572340	CHR5:13572340	SSF x Far_LoA	-8,89262199	0,087	0,301
CHR5	13572436	CHR5:13572436	SSF x Far_LoA	-12,2107161	-0,023	0,305
CHR5	13573114	CHR5:13573114	SSF x Far_LoA	-11,0581119	-0,058	0,308
CHR5	13577860	CHR5:13577860	SSF x Far_LoA	-10,7681295	0,025	0,311
CHR5	13577976	CHR5:13577976	SSF x Far_LoA	-9,61329345	0,029	0,291
CHR5	13577996	CHR5:13577996	SSF x Far_LoA	-8,91512481	-0,057	0,299
CHR5	13578003	CHR5:13578003	SSF x Far_LoA	-10,8324059	0,069	0,311
CHR5	13578038	CHR5:13578038	SSF x Far_LoA	-7,69531602	0,149	0,291
CHR5	13578065	CHR5:13578065	SSF x Far_LoA	-11,306717	-0,055	0,307
CHR5	13579821	CHR5:13579821	SSF x Far_LoA	-10,9483394	-0,003	0,298
CHR5	13579829	CHR5:13579829	SSF x Far_LoA	-5,98369293	0,030	0,309
CHR5	13595423	CHR5:13595423	SSF x Far_LoA	-10,5850223	-0,065	0,317
CHR5	13595492	CHR5:13595492	SSF x Far_LoA	-8,6547392	0,129	0,307
CHR5	13600823	CHR5:13600823	SSF x Far_LoA	-9,51551224	-0,083	0,301
CHR5	13600843	CHR5:13600843	SSF x Far_LoA	-11,7060402	0,085	0,299
CHR5	13600861	CHR5:13600861	SSF x Far_LoA	-6,65955104	0,097	0,293
CHR5	13600962	CHR5:13600962	SSF x Far_LoA	-9,76786005	-0,154	0,307
CHR5	13601012	CHR5:13601012	SSF x Far_LoA	-8,12301238	-0,040	0,313
CHR5	13601050	CHR5:13601050	SSF x Far_LoA	-8,76821449	0,007	0,299
CHR5	13608593	CHR5:13608593	SSF x Far_LoA	-8,76080325	0,004	0,300
CHR5	13608695	CHR5:13608695	SSF x Far_LoA	-11,8535785	-0,009	0,305
CHR5	13608729	CHR5:13608729	SSF x Far_LoA	-10,8902848	0,014	0,319
CHR5	13616144	CHR5:13616144	SSF x Far_LoA	-4,02305932	-0,214	0,292
CHR5	13616208	CHR5:13616208	SSF x Far_LoA	-9,20364519	0,095	0,293

CHR5	13616251	CHR5:13616251	SSF x Far_LoA	-7,38632213	0,156	0,293
CHR5	13616271	CHR5:13616271	SSF x Far_LoA	-5,70756017	-0,018	0,307
CHR5	13621969	CHR5:13621969	SSF x Far_LoA	-8,57067288	0,164	0,307
CHR5	13622042	CHR5:13622042	SSF x Far_LoA	-10,6611791	0,051	0,296
CHR5	13622088	CHR5:13622088	SSF x Far_LoA	-8,07567461	0,006	0,310
CHR5	13622126	CHR5:13622126	SSF x Far_LoA	-11,1357663	-0,074	0,307
CHR5	13622143	CHR5:13622143	SSF x Far_LoA	-11,1756802	0,003	0,308
CHR5	13622162	CHR5:13622162	SSF x Far_LoA	0,69722165	0,008	0,291
CHR5	13634837	CHR5:13634837	SSF x Far_LoA	-11,437411	0,001	0,301
CHR5	13635014	CHR5:13635014	SSF x Far_LoA	-10,2112365	0,065	0,306
CHR5	1363502	CHR5:1363502	SSF x Far_LoA	-9,12945288	-0,139	0,307
CHR5	13635067	CHR5:13635067	SSF x Far_LoA	-11,1639911	0,032	0,314
CHR5	13639879	CHR5:13639879	SSF x Far_LoA	-9,72456939	0,084	0,299
CHR5	13639981	CHR5:13639981	SSF x Far_LoA	-9,07118874	-0,066	0,299
CHR5	13640082	CHR5:13640082	SSF x Far_LoA	-9,31788957	0,114	0,289
CHR5	1364817	CHR5:1364817	SSF x Far_LoA	-9,74300435	0,018	0,306
CHR5	1364828	CHR5:1364828	SSF x Far_LoA	-11,0890725	-0,010	0,307
CHR5	13648540	CHR5:13648540	SSF x Far_LoA	-10,321474	-0,010	0,305
CHR5	13650412	CHR5:13650412	SSF x Far_LoA	-9,70684469	0,043	0,305
CHR5	13650523	CHR5:13650523	SSF x Far_LoA	-8,54332511	-0,006	0,313
CHR5	13650536	CHR5:13650536	SSF x Far_LoA	-9,56287149	0,022	0,309
CHR5	13650552	CHR5:13650552	SSF x Far_LoA	-6,30403549	-0,167	0,306
CHR5	13650589	CHR5:13650589	SSF x Far_LoA	-9,75794549	-0,072	0,320
CHR5	13650593	CHR5:13650593	SSF x Far_LoA	-8,59435094	-0,030	0,292
CHR5	13650610	CHR5:13650610	SSF x Far_LoA	-8,97485949	0,031	0,304
CHR5	13650657	CHR5:13650657	SSF x Far_LoA	-10,0696052	0,060	0,305
CHR5	13650667	CHR5:13650667	SSF x Far_LoA	-9,6745461	0,021	0,309
CHR5	13650685	CHR5:13650685	SSF x Far_LoA	-10,5536973	-0,047	0,310
CHR5	13665036	CHR5:13665036	SSF x Far_LoA	-9,74223125	0,063	0,310
CHR5	13665045	CHR5:13665045	SSF x Far_LoA	-10,4126015	-0,019	0,294
CHR5	13665054	CHR5:13665054	SSF x Far_LoA	-9,15971231	-0,026	0,307
CHR5	13672331	CHR5:13672331	SSF x Far_LoA	-10,5904477	0,033	0,320
CHR5	13672341	CHR5:13672341	SSF x Far_LoA	-9,3090123	0,044	0,295
CHR5	13672349	CHR5:13672349	SSF x Far_LoA	-9,52515531	0,040	0,313
CHR5	13672353	CHR5:13672353	SSF x Far_LoA	-10,7626496	0,015	0,310
CHR5	13672406	CHR5:13672406	SSF x Far_LoA	-9,32368053	-0,067	0,295
CHR5	13672417	CHR5:13672417	SSF x Far_LoA	-10,0964574	-0,021	0,307
CHR5	13672443	CHR5:13672443	SSF x Far_LoA	-11,630262	0,063	0,303
CHR5	13674927	CHR5:13674927	SSF x Far_LoA	-9,81244807	0,091	0,295
CHR5	13675000	CHR5:13675000	SSF x Far_LoA	-9,40783092	-0,063	0,305
CHR5	13675018	CHR5:13675018	SSF x Far_LoA	-10,0428566	-0,044	0,304
CHR5	13694924	CHR5:13694924	SSF x Far_LoA	-7,77174454	-0,051	0,312
CHR5	13699256	CHR5:13699256	SSF x Far_LoA	-10,2973292	0,004	0,309
CHR5	13705154	CHR5:13705154	SSF x Far_LoA	-10,7566142	-0,100	0,290
CHR5	13705179	CHR5:13705179	SSF x Far_LoA	-12,1091294	0,027	0,301
CHR5	13705247	CHR5:13705247	SSF x Far_LoA	-11,090113	-0,119	0,290
CHR5	13705253	CHR5:13705253	SSF x Far_LoA	-7,86277248	0,075	0,293
CHR5	13706471	CHR5:13706471	SSF x Far_LoA	-11,5647258	0,022	0,297
CHR5	13706507	CHR5:13706507	SSF x Far_LoA	-8,56080689	-0,040	0,302
CHR5	13713270	CHR5:13713270	SSF x Far_LoA	-9,66807584	0,095	0,313
CHR5	13713349	CHR5:13713349	SSF x Far_LoA	-7,53056832	0,056	0,306
CHR5	13713403	CHR5:13713403	SSF x Far_LoA	-9,61461641	0,160	0,294
CHR5	13713468	CHR5:13713468	SSF x Far_LoA	-11,7154326	-0,060	0,296

CHR5	13713472	CHR5:13713472	SSF x Far_LoA	-4,75420291	0,172	0,298
CHR5	1371587	CHR5:1371587	SSF x Far_LoA	-8,82420823	0,044	0,299
CHR5	13731856	CHR5:13731856	SSF x Far_LoA	-9,55546913	-0,093	0,297
CHR5	13738366	CHR5:13738366	SSF x Far_LoA	-8,63644576	0,058	0,308
CHR5	13738382	CHR5:13738382	SSF x Far_LoA	-7,24783895	0,056	0,308
CHR5	13738476	CHR5:13738476	SSF x Far_LoA	-9,41891594	0,032	0,306
CHR5	13741834	CHR5:13741834	SSF x Far_LoA	-9,47856753	0,055	0,311
CHR5	13746635	CHR5:13746635	SSF x Far_LoA	-11,3629451	-0,008	0,300
CHR5	13772081	CHR5:13772081	SSF x Far_LoA	-10,5891986	-0,048	0,306
CHR5	1377465	CHR5:1377465	SSF x Far_LoA	-8,91045394	0,057	0,290
CHR5	1377583	CHR5:1377583	SSF x Far_LoA	-12,3296658	0,002	0,290
CHR5	13827035	CHR5:13827035	SSF x Far_LoA	-10,7054713	0,012	0,310
CHR5	13827152	CHR5:13827152	SSF x Far_LoA	-11,077103	0,022	0,310
CHR5	1382972	CHR5:1382972	SSF x Far_LoA	-10,7774525	-0,025	0,315
CHR5	1382976	CHR5:1382976	SSF x Far_LoA	-11,2478513	-0,005	0,304
CHR5	1383026	CHR5:1383026	SSF x Far_LoA	-7,63521165	0,061	0,282
CHR5	1383039	CHR5:1383039	SSF x Far_LoA	-9,06115674	-0,101	0,305
CHR5	1383040	CHR5:1383040	SSF x Far_LoA	-10,9427212	-0,027	0,304
CHR5	13830633	CHR5:13830633	SSF x Far_LoA	-10,1470175	0,024	0,304
CHR5	13830638	CHR5:13830638	SSF x Far_LoA	-10,5499614	0,009	0,316
CHR5	13832169	CHR5:13832169	SSF x Far_LoA	-9,80631378	0,067	0,303
CHR5	13832190	CHR5:13832190	SSF x Far_LoA	-10,197006	0,040	0,316
CHR5	13832237	CHR5:13832237	SSF x Far_LoA	-10,2641483	0,006	0,299
CHR5	13832249	CHR5:13832249	SSF x Far_LoA	-9,58123828	0,025	0,306
CHR5	13832267	CHR5:13832267	SSF x Far_LoA	-9,64083831	0,052	0,309
CHR5	13832279	CHR5:13832279	SSF x Far_LoA	-6,55738069	0,083	0,302
CHR5	13837137	CHR5:13837137	SSF x Far_LoA	-7,82888495	0,106	0,310
CHR5	13893723	CHR5:13893723	SSF x Far_LoA	-10,6913191	-0,019	0,314
CHR5	13906356	CHR5:13906356	SSF x Far_LoA	-10,0018715	-0,126	0,302
CHR5	13913183	CHR5:13913183	SSF x Far_LoA	-8,53296904	0,054	0,290
CHR5	1392020	CHR5:1392020	SSF x Far_LoA	-8,16605895	-0,116	0,298
CHR5	13978539	CHR5:13978539	SSF x Far_LoA	-6,22100318	-0,028	0,307
CHR5	13986530	CHR5:13986530	SSF x Far_LoA	-10,8278887	-0,112	0,303
CHR5	14001436	CHR5:14001436	SSF x Far_LoA	-11,0166907	0,012	0,310
CHR5	14010248	CHR5:14010248	SSF x Far_LoA	-9,05338506	0,057	0,310
CHR5	14010285	CHR5:14010285	SSF x Far_LoA	-8,56639429	0,088	0,311
CHR5	14011910	CHR5:14011910	SSF x Far_LoA	-7,95351082	-0,034	0,316
CHR5	14011939	CHR5:14011939	SSF x Far_LoA	-9,35407463	-0,111	0,317
CHR5	14020316	CHR5:14020316	SSF x Far_LoA	-8,87075549	-0,007	0,302
CHR5	14020440	CHR5:14020440	SSF x Far_LoA	-11,3270356	-0,028	0,320
CHR5	14029290	CHR5:14029290	SSF x Far_LoA	-6,49643809	-0,013	0,306
CHR5	14029310	CHR5:14029310	SSF x Far_LoA	-9,78190462	-0,075	0,302
CHR5	14029440	CHR5:14029440	SSF x Far_LoA	-7,34404939	-0,069	0,305
CHR5	14032877	CHR5:14032877	SSF x Far_LoA	-10,5436334	-0,001	0,301
CHR5	14032929	CHR5:14032929	SSF x Far_LoA	-4,56577863	-0,095	0,306
CHR5	14032945	CHR5:14032945	SSF x Far_LoA	1,81246659	-0,051	0,307
CHR5	14037484	CHR5:14037484	SSF x Far_LoA	-8,56821501	0,010	0,318
CHR5	14037485	CHR5:14037485	SSF x Far_LoA	-8,97445976	-0,024	0,308
CHR5	14037486	CHR5:14037486	SSF x Far_LoA	-9,51269787	0,008	0,307
CHR5	14037489	CHR5:14037489	SSF x Far_LoA	-7,90906398	-0,040	0,317
CHR5	14053002	CHR5:14053002	SSF x Far_LoA	-9,44951625	-0,014	0,300
CHR5	14053041	CHR5:14053041	SSF x Far_LoA	-9,3985429	-0,008	0,319
CHR5	14053116	CHR5:14053116	SSF x Far_LoA	-7,90121833	-0,009	0,309

CHR5	14071531	CHR5:14071531	SSF x Far_LoA	-12,2052292	-0,016	0,295
CHR5	14071547	CHR5:14071547	SSF x Far_LoA	-7,5905958	-0,022	0,308
CHR5	14071552	CHR5:14071552	SSF x Far_LoA	-8,76663799	-0,034	0,315
CHR5	14071632	CHR5:14071632	SSF x Far_LoA	-9,83122807	0,069	0,294
CHR5	14071650	CHR5:14071650	SSF x Far_LoA	-12,1541629	-0,009	0,305
CHR5	14071674	CHR5:14071674	SSF x Far_LoA	-11,0871683	-0,028	0,301
CHR5	14080980	CHR5:14080980	SSF x Far_LoA	-10,9833101	-0,029	0,311
CHR5	14081051	CHR5:14081051	SSF x Far_LoA	-8,55694128	0,076	0,309
CHR5	14081159	CHR5:14081159	SSF x Far_LoA	-11,9474724	0,023	0,306
CHR5	14107391	CHR5:14107391	SSF x Far_LoA	-10,270204	-0,023	0,296
CHR5	14107446	CHR5:14107446	SSF x Far_LoA	-6,02910857	0,081	0,313
CHR5	14107629	CHR5:14107629	SSF x Far_LoA	-8,6367178	-0,066	0,306
CHR5	14107630	CHR5:14107630	SSF x Far_LoA	-10,1557837	-0,062	0,309
CHR5	14107631	CHR5:14107631	SSF x Far_LoA	-9,96249208	-0,057	0,314
CHR5	14107635	CHR5:14107635	SSF x Far_LoA	-10,828298	0,000	0,306
CHR5	14117590	CHR5:14117590	SSF x Far_LoA	-8,72228252	-0,031	0,314
CHR5	14117836	CHR5:14117836	SSF x Far_LoA	-7,51580564	-0,054	0,316
CHR5	14126407	CHR5:14126407	SSF x Far_LoA	-10,569499	-0,080	0,293
CHR5	14126474	CHR5:14126474	SSF x Far_LoA	-9,06893242	-0,052	0,316
CHR5	14126495	CHR5:14126495	SSF x Far_LoA	-9,98505583	-0,106	0,300
CHR5	14126687	CHR5:14126687	SSF x Far_LoA	-8,84071305	-0,037	0,322
CHR5	14126706	CHR5:14126706	SSF x Far_LoA	-7,7162025	0,012	0,315
CHR5	14126710	CHR5:14126710	SSF x Far_LoA	-10,1807767	-0,081	0,303
CHR5	14126726	CHR5:14126726	SSF x Far_LoA	-9,5358066	-0,032	0,313
CHR5	14136424	CHR5:14136424	SSF x Far_LoA	-8,25645216	-0,004	0,309
CHR5	14136438	CHR5:14136438	SSF x Far_LoA	-8,56645924	-0,123	0,308
CHR5	14136452	CHR5:14136452	SSF x Far_LoA	-7,79663038	-0,083	0,301
CHR5	14136491	CHR5:14136491	SSF x Far_LoA	-6,26493792	-0,028	0,319
CHR5	14136525	CHR5:14136525	SSF x Far_LoA	-11,9941993	0,055	0,303
CHR5	14136526	CHR5:14136526	SSF x Far_LoA	-11,061597	-0,059	0,306
CHR5	14136639	CHR5:14136639	SSF x Far_LoA	-8,02183962	-0,141	0,316
CHR5	14136640	CHR5:14136640	SSF x Far_LoA	-7,93420218	-0,076	0,307
CHR5	1416188	CHR5:1416188	SSF x Far_LoA	-8,47996471	0,107	0,308
CHR5	1416202	CHR5:1416202	SSF x Far_LoA	-8,37478567	0,146	0,300
CHR5	1416234	CHR5:1416234	SSF x Far_LoA	2,89573212	-0,097	0,316
CHR5	1416288	CHR5:1416288	SSF x Far_LoA	-9,21777444	-0,028	0,318
CHR5	1416290	CHR5:1416290	SSF x Far_LoA	-9,84956645	-0,103	0,317
CHR5	1416399	CHR5:1416399	SSF x Far_LoA	-9,61016305	-0,063	0,322
CHR5	14168265	CHR5:14168265	SSF x Far_LoA	-7,84454382	0,036	0,306
CHR5	14168385	CHR5:14168385	SSF x Far_LoA	-6,98908705	-0,102	0,315
CHR5	14168386	CHR5:14168386	SSF x Far_LoA	-9,9019437	0,047	0,293
CHR5	14192673	CHR5:14192673	SSF x Far_LoA	-3,85562849	0,131	0,303
CHR5	14192727	CHR5:14192727	SSF x Far_LoA	-10,4308252	0,132	0,293
CHR5	14217737	CHR5:14217737	SSF x Far_LoA	-11,3166621	0,013	0,305
CHR5	14217773	CHR5:14217773	SSF x Far_LoA	-9,98888791	-0,117	0,309
CHR5	14217796	CHR5:14217796	SSF x Far_LoA	-9,43878002	0,065	0,305
CHR5	14224352	CHR5:14224352	SSF x Far_LoA	-9,87991038	0,080	0,312
CHR5	14224393	CHR5:14224393	SSF x Far_LoA	-8,81113899	-0,075	0,308
CHR5	14224402	CHR5:14224402	SSF x Far_LoA	-10,9855621	-0,016	0,299
CHR5	14228618	CHR5:14228618	SSF x Far_LoA	-7,29428364	0,184	0,301
CHR5	14228632	CHR5:14228632	SSF x Far_LoA	-10,9215368	-0,024	0,307
CHR5	14228659	CHR5:14228659	SSF x Far_LoA	-11,1269531	-0,082	0,316
CHR5	14228660	CHR5:14228660	SSF x Far_LoA	-9,39743779	-0,075	0,309

CHR5	14228764	CHR5:14228764	SSF x Far_LoA	-8,70275918	-0,073	0,311
CHR5	14228803	CHR5:14228803	SSF x Far_LoA	-8,85654941	0,153	0,297
CHR5	14228835	CHR5:14228835	SSF x Far_LoA	-11,2853815	-0,068	0,316
CHR5	14241909	CHR5:14241909	SSF x Far_LoA	-9,9230105	0,015	0,299
CHR5	14241967	CHR5:14241967	SSF x Far_LoA	-10,8762791	0,048	0,309
CHR5	14241971	CHR5:14241971	SSF x Far_LoA	-11,2643902	0,042	0,302
CHR5	14241977	CHR5:14241977	SSF x Far_LoA	-10,9757408	0,014	0,308
CHR5	14242011	CHR5:14242011	SSF x Far_LoA	-8,60034693	0,002	0,320
CHR5	14247590	CHR5:14247590	SSF x Far_LoA	-10,4910198	0,047	0,305
CHR5	14247715	CHR5:14247715	SSF x Far_LoA	-8,41575502	-0,008	0,307
CHR5	14247718	CHR5:14247718	SSF x Far_LoA	-8,9850161	0,013	0,309
CHR5	14247741	CHR5:14247741	SSF x Far_LoA	-8,89397474	0,050	0,305
CHR5	14250298	CHR5:14250298	SSF x Far_LoA	-8,13719104	0,121	0,299
CHR5	14250309	CHR5:14250309	SSF x Far_LoA	-10,8975395	-0,005	0,313
CHR5	14252739	CHR5:14252739	SSF x Far_LoA	-9,43491239	-0,134	0,309
CHR5	14252783	CHR5:14252783	SSF x Far_LoA	-9,05899047	0,074	0,304
CHR5	14252835	CHR5:14252835	SSF x Far_LoA	-7,16057198	0,107	0,315
CHR5	14260890	CHR5:14260890	SSF x Far_LoA	-9,87802917	-0,116	0,302
CHR5	14267888	CHR5:14267888	SSF x Far_LoA	-4,14981957	-0,094	0,303
CHR5	14267972	CHR5:14267972	SSF x Far_LoA	-10,234915	-0,036	0,308
CHR5	14268004	CHR5:14268004	SSF x Far_LoA	-10,9273646	0,042	0,313
CHR5	14268041	CHR5:14268041	SSF x Far_LoA	-9,25716555	-0,016	0,314
CHR5	14268071	CHR5:14268071	SSF x Far_LoA	-8,73382634	0,041	0,324
CHR5	14268086	CHR5:14268086	SSF x Far_LoA	-9,20880878	-0,060	0,304
CHR5	14268121	CHR5:14268121	SSF x Far_LoA	-7,04477836	-0,027	0,310
CHR5	14268124	CHR5:14268124	SSF x Far_LoA	-10,4824706	-0,030	0,317
CHR5	14268125	CHR5:14268125	SSF x Far_LoA	-9,71219588	-0,053	0,312
CHR5	14275143	CHR5:14275143	SSF x Far_LoA	-8,74840779	0,026	0,321
CHR5	14275149	CHR5:14275149	SSF x Far_LoA	-9,36680659	-0,148	0,306
CHR5	14275164	CHR5:14275164	SSF x Far_LoA	-11,2514241	0,043	0,308
CHR5	14275172	CHR5:14275172	SSF x Far_LoA	0,13770234	-0,072	0,306
CHR5	14275182	CHR5:14275182	SSF x Far_LoA	-8,39344794	-0,071	0,305
CHR5	14275270	CHR5:14275270	SSF x Far_LoA	-9,96492622	-0,027	0,295
CHR5	14283139	CHR5:14283139	SSF x Far_LoA	-10,853118	-0,021	0,311
CHR5	14283287	CHR5:14283287	SSF x Far_LoA	-9,30865649	0,068	0,310
CHR5	14283323	CHR5:14283323	SSF x Far_LoA	-10,9606245	-0,114	0,307
CHR5	14296035	CHR5:14296035	SSF x Far_LoA	-10,7522995	-0,018	0,308
CHR5	14296101	CHR5:14296101	SSF x Far_LoA	-10,4270483	0,076	0,305
CHR5	14296259	CHR5:14296259	SSF x Far_LoA	-9,63244045	0,032	0,301
CHR5	14296293	CHR5:14296293	SSF x Far_LoA	-9,33316019	-0,003	0,296
CHR5	14296301	CHR5:14296301	SSF x Far_LoA	-8,83376112	0,064	0,293
CHR5	14299824	CHR5:14299824	SSF x Far_LoA	-9,75739965	0,012	0,310
CHR5	14310566	CHR5:14310566	SSF x Far_LoA	-11,7297431	-0,099	0,301
CHR5	14319412	CHR5:14319412	SSF x Far_LoA	-5,93123212	0,065	0,321
CHR5	14320846	CHR5:14320846	SSF x Far_LoA	-8,94498151	0,064	0,308
CHR5	14320951	CHR5:14320951	SSF x Far_LoA	-8,67247113	-0,145	0,316
CHR5	14327053	CHR5:14327053	SSF x Far_LoA	-7,65821554	-0,072	0,313
CHR5	14327084	CHR5:14327084	SSF x Far_LoA	-9,08489797	-0,074	0,309
CHR5	14327104	CHR5:14327104	SSF x Far_LoA	-8,10146457	-0,088	0,316
CHR5	14327135	CHR5:14327135	SSF x Far_LoA	-10,168996	0,055	0,283
CHR5	14334790	CHR5:14334790	SSF x Far_LoA	-9,16477128	-0,109	0,316
CHR5	14334853	CHR5:14334853	SSF x Far_LoA	-11,3986145	-0,037	0,316
CHR5	14334865	CHR5:14334865	SSF x Far_LoA	-9,58796413	-0,025	0,311

CHR5	14334878	CHR5:14334878	SSF x Far_LoA	-9,26570084	-0,051	0,296
CHR5	14334945	CHR5:14334945	SSF x Far_LoA	-7,29890861	-0,009	0,312
CHR5	14334946	CHR5:14334946	SSF x Far_LoA	-7,00559727	-0,086	0,312
CHR5	14337204	CHR5:14337204	SSF x Far_LoA	-7,81628738	-0,042	0,313
CHR5	14340349	CHR5:14340349	SSF x Far_LoA	-9,44542539	0,033	0,311
CHR5	14340357	CHR5:14340357	SSF x Far_LoA	-2,71384969	0,028	0,306
CHR5	14340386	CHR5:14340386	SSF x Far_LoA	-6,70377755	-0,109	0,314
CHR5	14354619	CHR5:14354619	SSF x Far_LoA	-11,3022367	0,063	0,313
CHR5	14354670	CHR5:14354670	SSF x Far_LoA	-10,204005	-0,029	0,309
CHR5	14354915	CHR5:14354915	SSF x Far_LoA	-9,44680635	-0,024	0,317
CHR5	14354940	CHR5:14354940	SSF x Far_LoA	-9,81735985	-0,036	0,303
CHR5	14359385	CHR5:14359385	SSF x Far_LoA	-12,0015728	-0,073	0,304
CHR5	14363086	CHR5:14363086	SSF x Far_LoA	-8,12706116	-0,010	0,330
CHR5	14363400	CHR5:14363400	SSF x Far_LoA	-8,6724145	-0,104	0,300
CHR5	14363405	CHR5:14363405	SSF x Far_LoA	-9,71363525	0,079	0,312
CHR5	14363406	CHR5:14363406	SSF x Far_LoA	-11,7407985	0,027	0,298
CHR5	14363456	CHR5:14363456	SSF x Far_LoA	-11,8419688	-0,011	0,313
CHR5	14363487	CHR5:14363487	SSF x Far_LoA	-10,09096	0,139	0,301
CHR5	14363497	CHR5:14363497	SSF x Far_LoA	-8,58475417	-0,086	0,306
CHR5	14363509	CHR5:14363509	SSF x Far_LoA	-11,4163485	0,011	0,306
CHR5	14366409	CHR5:14366409	SSF x Far_LoA	-5,79322674	-0,118	0,314
CHR5	14366451	CHR5:14366451	SSF x Far_LoA	-9,25507268	0,013	0,299
CHR5	14366455	CHR5:14366455	SSF x Far_LoA	-10,8331509	-0,077	0,305
CHR5	14366483	CHR5:14366483	SSF x Far_LoA	-9,47976851	0,062	0,303
CHR5	14366523	CHR5:14366523	SSF x Far_LoA	-9,94767095	-0,021	0,294
CHR5	14366605	CHR5:14366605	SSF x Far_LoA	-5,46521398	-0,178	0,302
CHR5	14373204	CHR5:14373204	SSF x Far_LoA	-8,6523909	0,046	0,302
CHR5	14373231	CHR5:14373231	SSF x Far_LoA	-9,49685477	0,021	0,309
CHR5	14373233	CHR5:14373233	SSF x Far_LoA	-8,33079044	0,118	0,302
CHR5	14373234	CHR5:14373234	SSF x Far_LoA	-6,23271389	0,035	0,309
CHR5	14373239	CHR5:14373239	SSF x Far_LoA	-7,26823431	-0,118	0,305
CHR5	14373249	CHR5:14373249	SSF x Far_LoA	-8,87152957	0,155	0,300
CHR5	14373284	CHR5:14373284	SSF x Far_LoA	-9,60262261	0,040	0,313
CHR5	14392201	CHR5:14392201	SSF x Far_LoA	-7,44020516	-0,165	0,300
CHR5	14393232	CHR5:14393232	SSF x Far_LoA	-9,71109239	-0,078	0,319
CHR5	14421032	CHR5:14421032	SSF x Far_LoA	-9,6286934	0,087	0,305
CHR5	14421051	CHR5:14421051	SSF x Far_LoA	-9,62728015	0,059	0,311
CHR5	14421115	CHR5:14421115	SSF x Far_LoA	-4,26801149	-0,017	0,316
CHR5	14436434	CHR5:14436434	SSF x Far_LoA	-7,23752666	0,063	0,312
CHR5	14436440	CHR5:14436440	SSF x Far_LoA	-7,72245358	-0,051	0,314
CHR5	14436478	CHR5:14436478	SSF x Far_LoA	-8,605705	-0,035	0,304
CHR5	14436489	CHR5:14436489	SSF x Far_LoA	-8,10034338	-0,042	0,316
CHR5	14436494	CHR5:14436494	SSF x Far_LoA	-9,67789373	-0,021	0,304
CHR5	14436602	CHR5:14436602	SSF x Far_LoA	-12,0463612	-0,037	0,321
CHR5	14436603	CHR5:14436603	SSF x Far_LoA	-10,6675589	0,006	0,288
CHR5	14436611	CHR5:14436611	SSF x Far_LoA	-11,4113388	0,024	0,298
CHR5	1444156	CHR5:1444156	SSF x Far_LoA	-3,45603771	-0,234	0,291
CHR5	1444214	CHR5:1444214	SSF x Far_LoA	-8,24867036	0,092	0,309
CHR5	14453947	CHR5:14453947	SSF x Far_LoA	-7,70198883	-0,109	0,323
CHR5	14453968	CHR5:14453968	SSF x Far_LoA	-11,3016402	-0,119	0,298
CHR5	14454037	CHR5:14454037	SSF x Far_LoA	-6,48617156	-0,153	0,300
CHR5	14454081	CHR5:14454081	SSF x Far_LoA	-10,6376957	-0,044	0,310
CHR5	14461470	CHR5:14461470	SSF x Far_LoA	-10,0570554	-0,003	0,321

CHR5	14461524	CHR5:14461524	SSF x Far_LoA	-7,01010911	0,142	0,312
CHR5	14461652	CHR5:14461652	SSF x Far_LoA	-10,0458089	0,022	0,301
CHR5	14461683	CHR5:14461683	SSF x Far_LoA	-10,1947637	-0,074	0,300
CHR5	14486822	CHR5:14486822	SSF x Far_LoA	-11,0672319	0,046	0,296
CHR5	14486866	CHR5:14486866	SSF x Far_LoA	-9,56625002	0,009	0,324
CHR5	14486873	CHR5:14486873	SSF x Far_LoA	-9,797374	-0,007	0,302
CHR5	14486914	CHR5:14486914	SSF x Far_LoA	-10,7530893	0,015	0,303
CHR5	14487050	CHR5:14487050	SSF x Far_LoA	-9,57111814	-0,025	0,306
CHR5	14489061	CHR5:14489061	SSF x Far_LoA	-7,27138242	-0,085	0,313
CHR5	14489161	CHR5:14489161	SSF x Far_LoA	-10,9940213	0,022	0,303
CHR5	14491848	CHR5:14491848	SSF x Far_LoA	-7,00149242	0,036	0,312
CHR5	14491869	CHR5:14491869	SSF x Far_LoA	-6,70544597	0,054	0,323
CHR5	14492291	CHR5:14492291	SSF x Far_LoA	-8,47881196	0,101	0,303
CHR5	14493838	CHR5:14493838	SSF x Far_LoA	-9,93414194	-0,017	0,313
CHR5	14493868	CHR5:14493868	SSF x Far_LoA	-9,12046817	-0,009	0,313
CHR5	14493873	CHR5:14493873	SSF x Far_LoA	-7,3873448	0,024	0,303
CHR5	14493916	CHR5:14493916	SSF x Far_LoA	-9,54145932	0,034	0,309
CHR5	14497540	CHR5:14497540	SSF x Far_LoA	-8,27548928	0,057	0,319
CHR5	14497556	CHR5:14497556	SSF x Far_LoA	-11,2765649	-0,005	0,315
CHR5	14497558	CHR5:14497558	SSF x Far_LoA	-11,7601459	-0,007	0,324
CHR5	14497564	CHR5:14497564	SSF x Far_LoA	-8,62151236	-0,035	0,320
CHR5	14497565	CHR5:14497565	SSF x Far_LoA	-8,63499645	-0,072	0,314
CHR5	14497603	CHR5:14497603	SSF x Far_LoA	-8,44142089	0,113	0,308
CHR5	14497625	CHR5:14497625	SSF x Far_LoA	-9,45758781	0,087	0,318
CHR5	1449784	CHR5:1449784	SSF x Far_LoA	-10,0919355	-0,006	0,306
CHR5	1449867	CHR5:1449867	SSF x Far_LoA	-11,5160672	-0,005	0,303
CHR5	14510222	CHR5:14510222	SSF x Far_LoA	-11,249065	0,023	0,294
CHR5	14514971	CHR5:14514971	SSF x Far_LoA	-7,73577484	-0,075	0,304
CHR5	14515008	CHR5:14515008	SSF x Far_LoA	-10,5767336	-0,010	0,313
CHR5	14519295	CHR5:14519295	SSF x Far_LoA	-9,74980096	-0,006	0,320
CHR5	14519298	CHR5:14519298	SSF x Far_LoA	-8,59624082	-0,030	0,313
CHR5	14519510	CHR5:14519510	SSF x Far_LoA	-9,90354819	0,018	0,308
CHR5	14527889	CHR5:14527889	SSF x Far_LoA	-9,28244322	-0,020	0,285
CHR5	14527942	CHR5:14527942	SSF x Far_LoA	-8,88671633	0,000	0,285
CHR5	14528007	CHR5:14528007	SSF x Far_LoA	-10,242292	-0,052	0,297
CHR5	14528135	CHR5:14528135	SSF x Far_LoA	-10,6941393	0,000	0,328
CHR5	14530478	CHR5:14530478	SSF x Far_LoA	-9,01508211	-0,079	0,298
CHR5	14530480	CHR5:14530480	SSF x Far_LoA	-10,7718211	-0,104	0,299
CHR5	14537525	CHR5:14537525	SSF x Far_LoA	-9,23765898	-0,011	0,309
CHR5	14547561	CHR5:14547561	SSF x Far_LoA	-11,8134716	0,088	0,310
CHR5	14547602	CHR5:14547602	SSF x Far_LoA	-11,4810973	0,034	0,317
CHR5	14547630	CHR5:14547630	SSF x Far_LoA	-10,962628	0,091	0,300
CHR5	14550164	CHR5:14550164	SSF x Far_LoA	-11,0383141	0,017	0,314
CHR5	14550299	CHR5:14550299	SSF x Far_LoA	-9,03644019	0,010	0,304
CHR5	14550328	CHR5:14550328	SSF x Far_LoA	-6,15668293	0,035	0,304
CHR5	14550380	CHR5:14550380	SSF x Far_LoA	-10,9055994	0,009	0,313
CHR5	14561127	CHR5:14561127	SSF x Far_LoA	-9,60282097	-0,080	0,320
CHR5	14564054	CHR5:14564054	SSF x Far_LoA	-9,01791044	0,183	0,286
CHR5	14564084	CHR5:14564084	SSF x Far_LoA	-7,72064853	0,150	0,298
CHR5	14564090	CHR5:14564090	SSF x Far_LoA	-7,91499462	0,185	0,308
CHR5	1456552	CHR5:1456552	SSF x Far_LoA	-9,65612631	-0,079	0,303
CHR5	1456715	CHR5:1456715	SSF x Far_LoA	-9,7514242	0,047	0,302
CHR5	1456806	CHR5:1456806	SSF x Far_LoA	-8,68190467	-0,117	0,302

CHR5	14570908	CHR5:14570908	SSF x Far_LoA	-8,78378303	-0,001	0,307
CHR5	14570944	CHR5:14570944	SSF x Far_LoA	-10,0000541	-0,059	0,311
CHR5	14570993	CHR5:14570993	SSF x Far_LoA	-7,71915729	0,157	0,296
CHR5	14576495	CHR5:14576495	SSF x Far_LoA	-8,97873019	-0,079	0,290
CHR5	14579222	CHR5:14579222	SSF x Far_LoA	-7,57741174	-0,057	0,314
CHR5	14582639	CHR5:14582639	SSF x Far_LoA	-10,7080323	-0,070	0,307
CHR5	14582692	CHR5:14582692	SSF x Far_LoA	-9,70610548	-0,084	0,309
CHR5	14583310	CHR5:14583310	SSF x Far_LoA	-6,7239244	-0,182	0,291
CHR5	14584258	CHR5:14584258	SSF x Far_LoA	-4,24857621	-0,141	0,295
CHR5	14584350	CHR5:14584350	SSF x Far_LoA	-6,56869127	-0,169	0,294
CHR5	14584363	CHR5:14584363	SSF x Far_LoA	-4,4442625	-0,202	0,295
CHR5	14584416	CHR5:14584416	SSF x Far_LoA	-4,62046356	-0,192	0,295
CHR5	14584417	CHR5:14584417	SSF x Far_LoA	-6,71475486	-0,189	0,285
CHR5	14584451	CHR5:14584451	SSF x Far_LoA	-5,53313429	-0,220	0,279
CHR5	14590717	CHR5:14590717	SSF x Far_LoA	-10,1521152	0,011	0,301
CHR5	14590891	CHR5:14590891	SSF x Far_LoA	-9,01069615	0,003	0,304
CHR5	14590933	CHR5:14590933	SSF x Far_LoA	-9,64020462	-0,039	0,304
CHR5	14590974	CHR5:14590974	SSF x Far_LoA	-10,4172493	-0,014	0,308
CHR5	14593589	CHR5:14593589	SSF x Far_LoA	-8,51126413	0,066	0,299
CHR5	14601114	CHR5:14601114	SSF x Far_LoA	-9,5143847	0,067	0,300
CHR5	14601115	CHR5:14601115	SSF x Far_LoA	-10,4048359	0,069	0,296
CHR5	14601164	CHR5:14601164	SSF x Far_LoA	-10,4888849	0,065	0,305
CHR5	14636353	CHR5:14636353	SSF x Far_LoA	-9,49082767	-0,086	0,307
CHR5	14636363	CHR5:14636363	SSF x Far_LoA	-6,88800979	-0,051	0,307
CHR5	14639764	CHR5:14639764	SSF x Far_LoA	-9,01686484	0,033	0,305
CHR5	14642426	CHR5:14642426	SSF x Far_LoA	-11,0839551	0,024	0,304
CHR5	1464683	CHR5:1464683	SSF x Far_LoA	-9,72848914	0,006	0,310
CHR5	1464688	CHR5:1464688	SSF x Far_LoA	-11,891888	-0,003	0,295
CHR5	1464711	CHR5:1464711	SSF x Far_LoA	-8,43083823	-0,068	0,299
CHR5	1464724	CHR5:1464724	SSF x Far_LoA	-11,0891431	-0,013	0,312
CHR5	1464727	CHR5:1464727	SSF x Far_LoA	-9,3663948	-0,003	0,295
CHR5	1464747	CHR5:1464747	SSF x Far_LoA	-11,028549	0,055	0,304
CHR5	14651324	CHR5:14651324	SSF x Far_LoA	-8,0211755	-0,152	0,305
CHR5	14654388	CHR5:14654388	SSF x Far_LoA	-8,45700672	-0,039	0,300
CHR5	14654586	CHR5:14654586	SSF x Far_LoA	-10,5432734	-0,049	0,302
CHR5	14654587	CHR5:14654587	SSF x Far_LoA	-5,07006793	-0,073	0,316
CHR5	1466519	CHR5:1466519	SSF x Far_LoA	-11,9346287	-0,047	0,306
CHR5	1466559	CHR5:1466559	SSF x Far_LoA	-8,67647393	0,007	0,300
CHR5	1466569	CHR5:1466569	SSF x Far_LoA	-11,3040682	-0,002	0,302
CHR5	1466651	CHR5:1466651	SSF x Far_LoA	-9,17003469	-0,097	0,302
CHR5	14679669	CHR5:14679669	SSF x Far_LoA	-8,89606588	0,124	0,302
CHR5	14695346	CHR5:14695346	SSF x Far_LoA	-9,14026854	-0,141	0,311
CHR5	14700752	CHR5:14700752	SSF x Far_LoA	-10,6533186	-0,155	0,279
CHR5	14700786	CHR5:14700786	SSF x Far_LoA	-8,05583058	-0,108	0,305
CHR5	14700795	CHR5:14700795	SSF x Far_LoA	-6,06826387	-0,102	0,301
CHR5	14700798	CHR5:14700798	SSF x Far_LoA	-9,40956589	-0,120	0,310
CHR5	14700799	CHR5:14700799	SSF x Far_LoA	-9,23915883	-0,122	0,299
CHR5	14700809	CHR5:14700809	SSF x Far_LoA	-3,44654023	-0,105	0,298
CHR5	14700819	CHR5:14700819	SSF x Far_LoA	-9,90573328	-0,091	0,293
CHR5	14700983	CHR5:14700983	SSF x Far_LoA	-8,62125597	-0,104	0,306
CHR5	14701015	CHR5:14701015	SSF x Far_LoA	-9,36705007	0,150	0,289
CHR5	1470374	CHR5:1470374	SSF x Far_LoA	-8,3840233	-0,010	0,304
CHR5	14711504	CHR5:14711504	SSF x Far_LoA	-8,83975182	0,043	0,321

CHR5	1473479	CHR5:1473479	SSF x Far_LoA	-9,41145701	0,035	0,299
CHR5	1473507	CHR5:1473507	SSF x Far_LoA	-9,05687827	-0,032	0,306
CHR5	1473583	CHR5:1473583	SSF x Far_LoA	-6,52561159	0,147	0,310
CHR5	1473714	CHR5:1473714	SSF x Far_LoA	-8,8876518	-0,017	0,305
CHR5	1473720	CHR5:1473720	SSF x Far_LoA	-9,06009843	-0,040	0,325
CHR5	14756184	CHR5:14756184	SSF x Far_LoA	-8,75348789	-0,001	0,298
CHR5	14758614	CHR5:14758614	SSF x Far_LoA	-10,6090771	-0,004	0,323
CHR5	14762945	CHR5:14762945	SSF x Far_LoA	-7,18797419	0,094	0,300
CHR5	14762946	CHR5:14762946	SSF x Far_LoA	-8,41170101	0,099	0,312
CHR5	14763214	CHR5:14763214	SSF x Far_LoA	-9,74555328	-0,031	0,321
CHR5	14763302	CHR5:14763302	SSF x Far_LoA	-0,10275123	0,120	0,294
CHR5	14771030	CHR5:14771030	SSF x Far_LoA	-6,19859331	-0,129	0,306
CHR5	14771064	CHR5:14771064	SSF x Far_LoA	-6,79236244	0,019	0,311
CHR5	14771119	CHR5:14771119	SSF x Far_LoA	-10,7771766	-0,001	0,298
CHR5	14772964	CHR5:14772964	SSF x Far_LoA	-11,2950613	0,033	0,307
CHR5	14773183	CHR5:14773183	SSF x Far_LoA	-8,65037743	0,077	0,293
CHR5	1477568	CHR5:1477568	SSF x Far_LoA	-7,33484989	0,049	0,300
CHR5	14783462	CHR5:14783462	SSF x Far_LoA	-10,4560752	0,103	0,308
CHR5	14783463	CHR5:14783463	SSF x Far_LoA	-10,7806274	0,110	0,305
CHR5	1478377	CHR5:1478377	SSF x Far_LoA	-6,40613183	-0,120	0,314
CHR5	14805538	CHR5:14805538	SSF x Far_LoA	-6,95375519	0,082	0,299
CHR5	14815267	CHR5:14815267	SSF x Far_LoA	-10,6172801	0,102	0,290
CHR5	14817408	CHR5:14817408	SSF x Far_LoA	-6,05417979	0,200	0,296
CHR5	14850065	CHR5:14850065	SSF x Far_LoA	-8,05408332	-0,140	0,303
CHR5	1487112	CHR5:1487112	SSF x Far_LoA	-10,571475	-0,052	0,292
CHR5	1487282	CHR5:1487282	SSF x Far_LoA	-7,16263407	-0,152	0,305
CHR5	1487325	CHR5:1487325	SSF x Far_LoA	-11,1371045	0,028	0,309
CHR5	14873645	CHR5:14873645	SSF x Far_LoA	-8,92497525	0,046	0,314
CHR5	14925123	CHR5:14925123	SSF x Far_LoA	-6,16457481	0,004	0,318
CHR5	14925124	CHR5:14925124	SSF x Far_LoA	-9,25053066	-0,017	0,312
CHR5	14925133	CHR5:14925133	SSF x Far_LoA	-8,96507688	-0,010	0,324
CHR5	14925136	CHR5:14925136	SSF x Far_LoA	-8,68707007	0,008	0,305
CHR5	14925148	CHR5:14925148	SSF x Far_LoA	-7,91383572	0,025	0,307
CHR5	14925154	CHR5:14925154	SSF x Far_LoA	-8,7543244	-0,001	0,328
CHR5	14925158	CHR5:14925158	SSF x Far_LoA	-8,47821567	-0,018	0,317
CHR5	14925165	CHR5:14925165	SSF x Far_LoA	-8,86925277	-0,017	0,314
CHR5	14925166	CHR5:14925166	SSF x Far_LoA	-8,03730976	-0,005	0,324
CHR5	14925170	CHR5:14925170	SSF x Far_LoA	-8,90145163	0,027	0,311
CHR5	14925189	CHR5:14925189	SSF x Far_LoA	-9,60540128	-0,029	0,301
CHR5	14925213	CHR5:14925213	SSF x Far_LoA	-7,01642207	0,004	0,325
CHR5	14925216	CHR5:14925216	SSF x Far_LoA	-4,58530006	0,003	0,327
CHR5	14925223	CHR5:14925223	SSF x Far_LoA	-6,69858086	0,013	0,316
CHR5	14925225	CHR5:14925225	SSF x Far_LoA	-8,29919127	0,002	0,336
CHR5	14925230	CHR5:14925230	SSF x Far_LoA	-8,78414694	0,009	0,314
CHR5	14954914	CHR5:14954914	SSF x Far_LoA	-7,85374822	-0,011	0,325
CHR5	14954917	CHR5:14954917	SSF x Far_LoA	-9,10479325	-0,006	0,317
CHR5	14954918	CHR5:14954918	SSF x Far_LoA	-7,51725424	0,003	0,317
CHR5	14954936	CHR5:14954936	SSF x Far_LoA	-9,0792717	0,008	0,319
CHR5	14954941	CHR5:14954941	SSF x Far_LoA	-7,46575876	0,010	0,316
CHR5	14954951	CHR5:14954951	SSF x Far_LoA	-6,43038647	-0,013	0,315
CHR5	14954964	CHR5:14954964	SSF x Far_LoA	-8,14210324	-0,008	0,307
CHR5	14954970	CHR5:14954970	SSF x Far_LoA	-8,68256388	-0,005	0,329
CHR5	14954979	CHR5:14954979	SSF x Far_LoA	-8,74058762	-0,009	0,317

CHR5	14954983	CHR5:14954983	SSF x Far_LoA	-8,58900745	-0,031	0,315
CHR5	14955002	CHR5:14955002	SSF x Far_LoA	-8,11360442	-0,004	0,324
CHR5	14955005	CHR5:14955005	SSF x Far_LoA	-7,86123098	-0,001	0,331
CHR5	14955008	CHR5:14955008	SSF x Far_LoA	-9,02826036	0,008	0,311
CHR5	14966277	CHR5:14966277	SSF x Far_LoA	-8,93051797	0,039	0,307
CHR5	14966313	CHR5:14966313	SSF x Far_LoA	-9,20602102	0,035	0,305
CHR5	1497125	CHR5:1497125	SSF x Far_LoA	-11,5375786	-0,012	0,299
CHR5	1497149	CHR5:1497149	SSF x Far_LoA	-10,3988199	0,000	0,318
CHR5	1498057	CHR5:1498057	SSF x Far_LoA	-5,87253732	0,076	0,307
CHR5	1498101	CHR5:1498101	SSF x Far_LoA	-8,162821	0,070	0,306
CHR5	1498118	CHR5:1498118	SSF x Far_LoA	-10,4889004	-0,034	0,302
CHR5	1499104	CHR5:1499104	SSF x Far_LoA	-8,84347631	-0,077	0,315
CHR5	14996886	CHR5:14996886	SSF x Far_LoA	-8,20473028	-0,006	0,315
CHR5	14996891	CHR5:14996891	SSF x Far_LoA	-8,6033577	-0,014	0,319
CHR5	14996897	CHR5:14996897	SSF x Far_LoA	-7,53009249	-0,014	0,312
CHR5	14996903	CHR5:14996903	SSF x Far_LoA	-2,32121163	0,020	0,319
CHR5	14996904	CHR5:14996904	SSF x Far_LoA	-8,7840884	-0,013	0,309
CHR5	14996907	CHR5:14996907	SSF x Far_LoA	-8,25954071	-0,032	0,325
CHR5	14996929	CHR5:14996929	SSF x Far_LoA	-6,55100268	-0,007	0,325
CHR5	14996945	CHR5:14996945	SSF x Far_LoA	-6,61422743	0,022	0,320
CHR5	14996958	CHR5:14996958	SSF x Far_LoA	-9,00298458	0,001	0,308
CHR5	14996960	CHR5:14996960	SSF x Far_LoA	-6,81798615	-0,042	0,315
CHR5	14996967	CHR5:14996967	SSF x Far_LoA	-7,96525654	-0,006	0,325
CHR5	14996987	CHR5:14996987	SSF x Far_LoA	-8,01878478	-0,034	0,299
CHR5	14997042	CHR5:14997042	SSF x Far_LoA	-9,4631234	-0,025	0,309
CHR5	15025413	CHR5:15025413	SSF x Far_LoA	-7,93897338	-0,009	0,322
CHR5	15025439	CHR5:15025439	SSF x Far_LoA	-6,48872889	0,003	0,317
CHR5	15025440	CHR5:15025440	SSF x Far_LoA	-7,51320977	-0,012	0,320
CHR5	15025441	CHR5:15025441	SSF x Far_LoA	-6,03458623	-0,039	0,313
CHR5	15025524	CHR5:15025524	SSF x Far_LoA	-9,17398622	0,015	0,318
CHR5	15025695	CHR5:15025695	SSF x Far_LoA	-9,20261737	0,009	0,309
CHR5	15025701	CHR5:15025701	SSF x Far_LoA	-9,35815562	0,005	0,308
CHR5	1503103	CHR5:1503103	SSF x Far_LoA	-11,0450356	0,043	0,306
CHR5	1503105	CHR5:1503105	SSF x Far_LoA	-10,7997545	0,021	0,302
CHR5	1503107	CHR5:1503107	SSF x Far_LoA	2,03560664	0,012	0,313
CHR5	1503109	CHR5:1503109	SSF x Far_LoA	-10,1386427	0,056	0,318
CHR5	1506401	CHR5:1506401	SSF x Far_LoA	-9,7035379	-0,057	0,299
CHR5	1506497	CHR5:1506497	SSF x Far_LoA	-10,6509332	0,035	0,292
CHR5	1506514	CHR5:1506514	SSF x Far_LoA	-8,5547843	-0,061	0,297
CHR5	15065375	CHR5:15065375	SSF x Far_LoA	-6,83938066	-0,012	0,330
CHR5	1506547	CHR5:1506547	SSF x Far_LoA	-7,04584768	-0,040	0,306
CHR5	15069520	CHR5:15069520	SSF x Far_LoA	-9,30467862	-0,014	0,313
CHR5	15069618	CHR5:15069618	SSF x Far_LoA	-8,20334704	0,031	0,303
CHR5	15069626	CHR5:15069626	SSF x Far_LoA	-8,85185899	-0,011	0,327
CHR5	15069673	CHR5:15069673	SSF x Far_LoA	-8,50104869	0,013	0,318
CHR5	15069707	CHR5:15069707	SSF x Far_LoA	-8,3677365	0,018	0,334
CHR5	15069726	CHR5:15069726	SSF x Far_LoA	-6,3169191	0,004	0,321
CHR5	1509532	CHR5:1509532	SSF x Far_LoA	-10,3796688	0,092	0,313
CHR5	15096481	CHR5:15096481	SSF x Far_LoA	-9,58707206	-0,021	0,306
CHR5	15096511	CHR5:15096511	SSF x Far_LoA	-7,91171536	-0,024	0,313
CHR5	15133976	CHR5:15133976	SSF x Far_LoA	-8,85170543	0,022	0,315
CHR5	15133987	CHR5:15133987	SSF x Far_LoA	-9,39801332	-0,009	0,312
CHR5	15133996	CHR5:15133996	SSF x Far_LoA	-9,31633859	-0,007	0,325

CHR5	15134004	CHR5:15134004	SSF x Far_LoA	-8,95032454	-0,005	0,308
CHR5	15134056	CHR5:15134056	SSF x Far_LoA	-9,5782304	-0,007	0,308
CHR5	15134071	CHR5:15134071	SSF x Far_LoA	-9,49645507	-0,008	0,307
CHR5	15134116	CHR5:15134116	SSF x Far_LoA	-8,4473577	0,024	0,317
CHR5	15134197	CHR5:15134197	SSF x Far_LoA	-8,89356718	-0,008	0,322
CHR5	15134256	CHR5:15134256	SSF x Far_LoA	-8,87181423	-0,011	0,315
CHR5	15134278	CHR5:15134278	SSF x Far_LoA	-9,33577748	0,009	0,315
CHR5	15134280	CHR5:15134280	SSF x Far_LoA	-9,01418482	-0,012	0,316
CHR5	15134292	CHR5:15134292	SSF x Far_LoA	-8,95260767	-0,018	0,323
CHR5	15134310	CHR5:15134310	SSF x Far_LoA	-8,57441207	-0,005	0,319
CHR5	15162447	CHR5:15162447	SSF x Far_LoA	-8,13610648	0,009	0,321
CHR5	15162453	CHR5:15162453	SSF x Far_LoA	-7,13116141	0,011	0,325
CHR5	15162457	CHR5:15162457	SSF x Far_LoA	-7,35389601	0,018	0,322
CHR5	15162459	CHR5:15162459	SSF x Far_LoA	-8,20290176	-0,015	0,319
CHR5	15162485	CHR5:15162485	SSF x Far_LoA	-6,33943143	0,013	0,332
CHR5	15163612	CHR5:15163612	SSF x Far_LoA	-11,463027	-0,052	0,303
CHR5	1517911	CHR5:1517911	SSF x Far_LoA	-8,80757655	0,133	0,303
CHR5	15198692	CHR5:15198692	SSF x Far_LoA	-11,156799	-0,080	0,302
CHR5	15233127	CHR5:15233127	SSF x Far_LoA	-8,88928334	0,019	0,309
CHR5	1526770	CHR5:1526770	SSF x Far_LoA	-8,69986864	-0,040	0,310
CHR5	15274630	CHR5:15274630	SSF x Far_LoA	-9,57273679	0,028	0,313
CHR5	15274736	CHR5:15274736	SSF x Far_LoA	-7,75747399	-0,006	0,331
CHR5	15274744	CHR5:15274744	SSF x Far_LoA	-9,13847905	-0,016	0,315
CHR5	15274752	CHR5:15274752	SSF x Far_LoA	-7,73565399	0,019	0,308
CHR5	15274776	CHR5:15274776	SSF x Far_LoA	-8,58404737	-0,002	0,320
CHR5	15274893	CHR5:15274893	SSF x Far_LoA	-7,73792857	-0,018	0,315
CHR5	15274900	CHR5:15274900	SSF x Far_LoA	-7,48875917	0,000	0,316
CHR5	15274915	CHR5:15274915	SSF x Far_LoA	-7,85467873	0,002	0,330
CHR5	1528450	CHR5:1528450	SSF x Far_LoA	-4,07256139	0,182	0,295
CHR5	1528522	CHR5:1528522	SSF x Far_LoA	-10,4378147	0,059	0,311
CHR5	15318381	CHR5:15318381	SSF x Far_LoA	-6,02793517	-0,028	0,312
CHR5	15328948	CHR5:15328948	SSF x Far_LoA	-9,29170579	-0,024	0,307
CHR5	15328958	CHR5:15328958	SSF x Far_LoA	-8,29874141	0,003	0,322
CHR5	15328970	CHR5:15328970	SSF x Far_LoA	-9,07944337	0,032	0,320
CHR5	15328986	CHR5:15328986	SSF x Far_LoA	-7,91252573	-0,021	0,325
CHR5	15328993	CHR5:15328993	SSF x Far_LoA	-8,72158712	-0,007	0,319
CHR5	15329022	CHR5:15329022	SSF x Far_LoA	-9,23370834	0,024	0,315
CHR5	15353229	CHR5:15353229	SSF x Far_LoA	-8,18529754	0,050	0,314
CHR5	1536137	CHR5:1536137	SSF x Far_LoA	-9,95654134	-0,099	0,317
CHR5	1536191	CHR5:1536191	SSF x Far_LoA	-8,98268677	0,068	0,313
CHR5	1536325	CHR5:1536325	SSF x Far_LoA	-8,74611816	0,014	0,311
CHR5	1536344	CHR5:1536344	SSF x Far_LoA	-8,83335764	0,101	0,316
CHR5	15394108	CHR5:15394108	SSF x Far_LoA	-12,0227308	-0,012	0,303
CHR5	15415033	CHR5:15415033	SSF x Far_LoA	-8,6977198	0,012	0,320
CHR5	15415056	CHR5:15415056	SSF x Far_LoA	-8,77017917	0,013	0,312
CHR5	15415081	CHR5:15415081	SSF x Far_LoA	-9,17088373	0,005	0,319
CHR5	15415187	CHR5:15415187	SSF x Far_LoA	-8,84839422	-0,025	0,303
CHR5	15415189	CHR5:15415189	SSF x Far_LoA	-8,68495368	-0,031	0,311
CHR5	1543285	CHR5:1543285	SSF x Far_LoA	-11,174408	-0,012	0,296
CHR5	1543292	CHR5:1543292	SSF x Far_LoA	-9,26726055	0,043	0,312
CHR5	1543297	CHR5:1543297	SSF x Far_LoA	-8,14809154	0,049	0,298
CHR5	1543349	CHR5:1543349	SSF x Far_LoA	-11,4539691	-0,002	0,308
CHR5	1546501	CHR5:1546501	SSF x Far_LoA	-10,4124664	-0,056	0,298

CHR5	1546530	CHR5:1546530	SSF x Far_LoA	-8,9226557	0,068	0,290
CHR5	1546593	CHR5:1546593	SSF x Far_LoA	-7,40329722	-0,083	0,309
CHR5	1546597	CHR5:1546597	SSF x Far_LoA	-11,4880887	-0,002	0,303
CHR5	1546610	CHR5:1546610	SSF x Far_LoA	-8,85519459	0,015	0,303
CHR5	15538169	CHR5:15538169	SSF x Far_LoA	-9,07137855	-0,028	0,307
CHR5	1554807	CHR5:1554807	SSF x Far_LoA	-6,41498581	-0,084	0,297
CHR5	1558517	CHR5:1558517	SSF x Far_LoA	-7,06977282	-0,004	0,312
CHR5	1558531	CHR5:1558531	SSF x Far_LoA	-8,83561656	-0,047	0,304
CHR5	1558538	CHR5:1558538	SSF x Far_LoA	-7,88272808	0,103	0,310
CHR5	1558573	CHR5:1558573	SSF x Far_LoA	-9,13964822	-0,013	0,316
CHR5	1558576	CHR5:1558576	SSF x Far_LoA	-8,57112769	-0,032	0,314
CHR5	15586098	CHR5:15586098	SSF x Far_LoA	-9,38815076	0,021	0,313
CHR5	1561184	CHR5:1561184	SSF x Far_LoA	-9,59216021	0,034	0,309
CHR5	1561193	CHR5:1561193	SSF x Far_LoA	-10,6822617	-0,025	0,302
CHR5	15620767	CHR5:15620767	SSF x Far_LoA	-8,47709413	-0,031	0,326
CHR5	15642944	CHR5:15642944	SSF x Far_LoA	-9,27724264	0,000	0,306
CHR5	15666467	CHR5:15666467	SSF x Far_LoA	-7,687815	0,001	0,321
CHR5	15666483	CHR5:15666483	SSF x Far_LoA	-9,26254196	0,002	0,314
CHR5	15666494	CHR5:15666494	SSF x Far_LoA	-8,22874212	-0,002	0,318
CHR5	15666510	CHR5:15666510	SSF x Far_LoA	-4,15438479	-0,014	0,322
CHR5	15666516	CHR5:15666516	SSF x Far_LoA	-8,61530785	0,013	0,315
CHR5	15666529	CHR5:15666529	SSF x Far_LoA	-8,42817233	0,007	0,323
CHR5	15666530	CHR5:15666530	SSF x Far_LoA	-9,01199281	-0,030	0,316
CHR5	15666532	CHR5:15666532	SSF x Far_LoA	-8,74496241	-0,026	0,309
CHR5	15666549	CHR5:15666549	SSF x Far_LoA	-9,41825642	-0,009	0,314
CHR5	15666563	CHR5:15666563	SSF x Far_LoA	-8,99808658	-0,003	0,329
CHR5	15666566	CHR5:15666566	SSF x Far_LoA	-7,81098767	-0,026	0,328
CHR5	15666575	CHR5:15666575	SSF x Far_LoA	-7,86078538	-0,010	0,322
CHR5	1571938	CHR5:1571938	SSF x Far_LoA	-10,0067721	0,094	0,304
CHR5	1571943	CHR5:1571943	SSF x Far_LoA	-9,04363255	-0,065	0,307
CHR5	1571972	CHR5:1571972	SSF x Far_LoA	-9,51973911	-0,118	0,305
CHR5	1572005	CHR5:1572005	SSF x Far_LoA	-8,915525	0,009	0,320
CHR5	1572023	CHR5:1572023	SSF x Far_LoA	-6,30650542	-0,043	0,315
CHR5	1572138	CHR5:1572138	SSF x Far_LoA	-12,0700755	-0,010	0,302
CHR5	1572150	CHR5:1572150	SSF x Far_LoA	-9,41112023	-0,126	0,312
CHR5	1572276	CHR5:1572276	SSF x Far_LoA	-7,52671355	0,126	0,287
CHR5	1573343	CHR5:1573343	SSF x Far_LoA	-10,932993	0,103	0,303
CHR5	1573352	CHR5:1573352	SSF x Far_LoA	-10,670901	0,108	0,306
CHR5	1573363	CHR5:1573363	SSF x Far_LoA	-3,6527879	0,008	0,313
CHR5	1573378	CHR5:1573378	SSF x Far_LoA	-7,39485604	0,039	0,324
CHR5	1573420	CHR5:1573420	SSF x Far_LoA	-8,59277225	0,131	0,308
CHR5	1573421	CHR5:1573421	SSF x Far_LoA	-9,91167463	-0,025	0,302
CHR5	1576574	CHR5:1576574	SSF x Far_LoA	-6,01781209	0,136	0,309
CHR5	1576602	CHR5:1576602	SSF x Far_LoA	-2,8232646	-0,109	0,321
CHR5	1576676	CHR5:1576676	SSF x Far_LoA	-9,59878832	0,129	0,308
CHR5	1576760	CHR5:1576760	SSF x Far_LoA	-9,58907579	-0,003	0,297
CHR5	1581206	CHR5:1581206	SSF x Far_LoA	-6,68049983	0,243	0,295
CHR5	1581274	CHR5:1581274	SSF x Far_LoA	-7,84884713	-0,090	0,294
CHR5	1581295	CHR5:1581295	SSF x Far_LoA	-9,71835811	-0,060	0,304
CHR5	15890647	CHR5:15890647	SSF x Far_LoA	-8,45380494	0,009	0,322
CHR5	15890687	CHR5:15890687	SSF x Far_LoA	-7,58631709	-0,012	0,326
CHR5	15942019	CHR5:15942019	SSF x Far_LoA	-10,8097648	0,021	0,302
CHR5	15964545	CHR5:15964545	SSF x Far_LoA	-8,76701298	0,034	0,329

CHR5	15964557	CHR5:15964557	SSF x Far_LoA	-8,56873893	0,028	0,321
CHR5	15964561	CHR5:15964561	SSF x Far_LoA	-8,89969032	0,004	0,318
CHR5	15964566	CHR5:15964566	SSF x Far_LoA	-8,07283619	0,045	0,318
CHR5	15964582	CHR5:15964582	SSF x Far_LoA	-9,14036718	0,007	0,315
CHR5	15964605	CHR5:15964605	SSF x Far_LoA	-8,63325859	0,039	0,310
CHR5	15964607	CHR5:15964607	SSF x Far_LoA	-9,04672287	0,042	0,314
CHR5	16028168	CHR5:16028168	SSF x Far_LoA	-10,9631939	-0,081	0,315
CHR5	1603698	CHR5:1603698	SSF x Far_LoA	-8,63366211	-0,042	0,294
CHR5	1603733	CHR5:1603733	SSF x Far_LoA	-10,5398405	0,006	0,293
CHR5	1603784	CHR5:1603784	SSF x Far_LoA	-10,4501991	-0,033	0,305
CHR5	16063075	CHR5:16063075	SSF x Far_LoA	-10,8832625	-0,035	0,295
CHR5	16093970	CHR5:16093970	SSF x Far_LoA	-9,44062973	-0,074	0,310
CHR5	1610418	CHR5:1610418	SSF x Far_LoA	-3,06022836	0,183	0,304
CHR5	16123011	CHR5:16123011	SSF x Far_LoA	-11,8749891	-0,026	0,303
CHR5	16125413	CHR5:16125413	SSF x Far_LoA	-9,39480308	0,197	0,286
CHR5	16192026	CHR5:16192026	SSF x Far_LoA	-11,6502828	0,048	0,304
CHR5	16198404	CHR5:16198404	SSF x Far_LoA	-9,03835054	-0,072	0,302
CHR5	1626030	CHR5:1626030	SSF x Far_LoA	-9,48671715	0,097	0,300
CHR5	16295289	CHR5:16295289	SSF x Far_LoA	-8,13061468	-0,023	0,322
CHR5	16295313	CHR5:16295313	SSF x Far_LoA	-8,63791006	-0,008	0,315
CHR5	16295346	CHR5:16295346	SSF x Far_LoA	-9,12315081	-0,027	0,313
CHR5	16295369	CHR5:16295369	SSF x Far_LoA	-6,73841056	-0,034	0,324
CHR5	16295382	CHR5:16295382	SSF x Far_LoA	-7,63132249	-0,019	0,320
CHR5	16295411	CHR5:16295411	SSF x Far_LoA	-3,08242599	-0,042	0,317
CHR5	16295883	CHR5:16295883	SSF x Far_LoA	-7,7535983	-0,073	0,300
CHR5	1631620	CHR5:1631620	SSF x Far_LoA	-5,88198669	-0,049	0,318
CHR5	1631689	CHR5:1631689	SSF x Far_LoA	-9,68445805	0,048	0,306
CHR5	1633021	CHR5:1633021	SSF x Far_LoA	-6,17956195	-0,082	0,307
CHR5	1633052	CHR5:1633052	SSF x Far_LoA	-9,32548111	0,018	0,301
CHR5	1633067	CHR5:1633067	SSF x Far_LoA	-1,90490695	-0,056	0,299
CHR5	1633077	CHR5:1633077	SSF x Far_LoA	-10,0908703	-0,083	0,305
CHR5	1633089	CHR5:1633089	SSF x Far_LoA	-8,03962871	-0,049	0,315
CHR5	16342403	CHR5:16342403	SSF x Far_LoA	-11,5964376	0,061	0,291
CHR5	1640499	CHR5:1640499	SSF x Far_LoA	-9,33848317	-0,146	0,314
CHR5	1640504	CHR5:1640504	SSF x Far_LoA	-8,25292017	-0,004	0,305
CHR5	1640700	CHR5:1640700	SSF x Far_LoA	-6,56836501	0,141	0,296
CHR5	16435964	CHR5:16435964	SSF x Far_LoA	-9,14996246	0,130	0,283
CHR5	16444608	CHR5:16444608	SSF x Far_LoA	-9,63559018	-0,066	0,315
CHR5	16444661	CHR5:16444661	SSF x Far_LoA	-7,12390867	-0,127	0,304
CHR5	16446387	CHR5:16446387	SSF x Far_LoA	-8,19751784	0,153	0,300
CHR5	16450431	CHR5:16450431	SSF x Far_LoA	-7,50844907	0,048	0,299
CHR5	1645498	CHR5:1645498	SSF x Far_LoA	-8,42031406	-0,093	0,302
CHR5	1645505	CHR5:1645505	SSF x Far_LoA	-8,55169246	-0,031	0,306
CHR5	1645607	CHR5:1645607	SSF x Far_LoA	-9,68253381	0,006	0,309
CHR5	16456502	CHR5:16456502	SSF x Far_LoA	-8,53844646	-0,096	0,300
CHR5	16456512	CHR5:16456512	SSF x Far_LoA	-8,59623014	-0,091	0,308
CHR5	16456527	CHR5:16456527	SSF x Far_LoA	-8,49918089	-0,072	0,298
CHR5	16456552	CHR5:16456552	SSF x Far_LoA	-8,31537288	-0,087	0,313
CHR5	16467465	CHR5:16467465	SSF x Far_LoA	-8,67577546	0,081	0,314
CHR5	16467904	CHR5:16467904	SSF x Far_LoA	-9,21643643	0,022	0,310
CHR5	16467917	CHR5:16467917	SSF x Far_LoA	-12,0844041	-0,009	0,304
CHR5	16467918	CHR5:16467918	SSF x Far_LoA	-11,5879452	-0,034	0,318
CHR5	16467923	CHR5:16467923	SSF x Far_LoA	-8,92883582	0,044	0,308

CHR5	16467947	CHR5:16467947	SSF x Far_LoA	-8,94192197	-0,071	0,312
CHR5	16467997	CHR5:16467997	SSF x Far_LoA	-8,7687697	0,041	0,308
CHR5	16473995	CHR5:16473995	SSF x Far_LoA	-7,81732621	0,036	0,307
CHR5	16474021	CHR5:16474021	SSF x Far_LoA	-7,24867474	-0,192	0,308
CHR5	16474049	CHR5:16474049	SSF x Far_LoA	-9,61483048	0,044	0,306
CHR5	16474053	CHR5:16474053	SSF x Far_LoA	-9,6182701	-0,013	0,311
CHR5	16474092	CHR5:16474092	SSF x Far_LoA	-8,00424962	0,090	0,316
CHR5	16495341	CHR5:16495341	SSF x Far_LoA	-6,41058305	0,018	0,301
CHR5	16496042	CHR5:16496042	SSF x Far_LoA	-7,63431593	-0,055	0,309
CHR5	16514352	CHR5:16514352	SSF x Far_LoA	-9,80555599	-0,109	0,300
CHR5	16514377	CHR5:16514377	SSF x Far_LoA	-8,38280182	-0,155	0,303
CHR5	16514382	CHR5:16514382	SSF x Far_LoA	-8,98619164	-0,023	0,314
CHR5	16514396	CHR5:16514396	SSF x Far_LoA	-7,24290282	-0,029	0,301
CHR5	16514424	CHR5:16514424	SSF x Far_LoA	-9,28585815	0,050	0,302
CHR5	16514529	CHR5:16514529	SSF x Far_LoA	-9,6410673	-0,068	0,298
CHR5	16514560	CHR5:16514560	SSF x Far_LoA	-8,15683244	-0,013	0,302
CHR5	16539059	CHR5:16539059	SSF x Far_LoA	-9,27522306	-0,139	0,307
CHR5	16539115	CHR5:16539115	SSF x Far_LoA	-8,65298731	-0,140	0,303
CHR5	16539136	CHR5:16539136	SSF x Far_LoA	-9,34436236	-0,123	0,311
CHR5	16544132	CHR5:16544132	SSF x Far_LoA	-10,5297409	-0,028	0,296
CHR5	16547840	CHR5:16547840	SSF x Far_LoA	-9,24287733	0,068	0,290
CHR5	16547849	CHR5:16547849	SSF x Far_LoA	-11,2607798	0,084	0,296
CHR5	16547852	CHR5:16547852	SSF x Far_LoA	-10,1749262	0,111	0,298
CHR5	16547940	CHR5:16547940	SSF x Far_LoA	-9,46274147	0,070	0,305
CHR5	16547977	CHR5:16547977	SSF x Far_LoA	-8,52687178	-0,159	0,310
CHR5	1655053	CHR5:1655053	SSF x Far_LoA	-10,6055574	-0,017	0,315
CHR5	16555179	CHR5:16555179	SSF x Far_LoA	-9,44157331	-0,016	0,301
CHR5	16555249	CHR5:16555249	SSF x Far_LoA	-9,89171468	0,018	0,302
CHR5	16555259	CHR5:16555259	SSF x Far_LoA	-10,6237054	0,007	0,305
CHR5	16559602	CHR5:16559602	SSF x Far_LoA	-10,8805822	0,005	0,299
CHR5	16559654	CHR5:16559654	SSF x Far_LoA	-8,73852789	0,049	0,310
CHR5	16573286	CHR5:16573286	SSF x Far_LoA	-11,0341233	-0,009	0,308
CHR5	16573295	CHR5:16573295	SSF x Far_LoA	-8,92728548	0,010	0,304
CHR5	16573355	CHR5:16573355	SSF x Far_LoA	-10,8313735	0,002	0,304
CHR5	16573361	CHR5:16573361	SSF x Far_LoA	-11,0125173	-0,001	0,306
CHR5	16573372	CHR5:16573372	SSF x Far_LoA	-8,77944685	-0,085	0,302
CHR5	16573383	CHR5:16573383	SSF x Far_LoA	-8,19524017	-0,073	0,314
CHR5	16573394	CHR5:16573394	SSF x Far_LoA	-10,6343486	-0,009	0,307
CHR5	16573456	CHR5:16573456	SSF x Far_LoA	-10,2097135	0,064	0,309
CHR5	16574056	CHR5:16574056	SSF x Far_LoA	-10,3604771	0,009	0,305
CHR5	16574086	CHR5:16574086	SSF x Far_LoA	-11,1184767	0,075	0,305
CHR5	16574088	CHR5:16574088	SSF x Far_LoA	-9,21372703	-0,105	0,310
CHR5	16574110	CHR5:16574110	SSF x Far_LoA	-9,01160799	0,099	0,312
CHR5	1657445	CHR5:1657445	SSF x Far_LoA	-8,15570096	0,059	0,302
CHR5	16574616	CHR5:16574616	SSF x Far_LoA	-10,4592998	-0,091	0,304
CHR5	16574667	CHR5:16574667	SSF x Far_LoA	-5,32046397	0,056	0,314
CHR5	16575394	CHR5:16575394	SSF x Far_LoA	-8,14612327	-0,120	0,297
CHR5	16575432	CHR5:16575432	SSF x Far_LoA	-10,3552336	0,033	0,309
CHR5	16575463	CHR5:16575463	SSF x Far_LoA	-8,19608435	0,002	0,310
CHR5	1657604	CHR5:1657604	SSF x Far_LoA	-9,37488768	0,109	0,286
CHR5	1657622	CHR5:1657622	SSF x Far_LoA	-11,519928	0,043	0,297
CHR5	16580819	CHR5:16580819	SSF x Far_LoA	-9,61041175	0,087	0,302
CHR5	16580827	CHR5:16580827	SSF x Far_LoA	-7,86869354	-0,072	0,320

CHR5	16580832	CHR5:16580832	SSF x Far_LoA	-7,7058256	0,135	0,310
CHR5	16580835	CHR5:16580835	SSF x Far_LoA	-8,74747381	0,114	0,309
CHR5	16580838	CHR5:16580838	SSF x Far_LoA	-5,81221305	-0,122	0,303
CHR5	16580839	CHR5:16580839	SSF x Far_LoA	-8,52566938	-0,122	0,304
CHR5	16580845	CHR5:16580845	SSF x Far_LoA	-11,2299299	-0,021	0,309
CHR5	16580868	CHR5:16580868	SSF x Far_LoA	-9,44863246	-0,107	0,297
CHR5	16580871	CHR5:16580871	SSF x Far_LoA	-10,2400179	-0,045	0,311
CHR5	16580880	CHR5:16580880	SSF x Far_LoA	-8,61196496	-0,123	0,299
CHR5	16580903	CHR5:16580903	SSF x Far_LoA	-8,58463116	-0,125	0,300
CHR5	16580912	CHR5:16580912	SSF x Far_LoA	-5,31444984	0,213	0,297
CHR5	16580913	CHR5:16580913	SSF x Far_LoA	-8,80684315	-0,093	0,307
CHR5	16580994	CHR5:16580994	SSF x Far_LoA	-10,1886771	-0,095	0,296
CHR5	16593846	CHR5:16593846	SSF x Far_LoA	-9,84861204	-0,095	0,303
CHR5	16594001	CHR5:16594001	SSF x Far_LoA	-8,95924981	-0,032	0,287
CHR5	16594029	CHR5:16594029	SSF x Far_LoA	-8,43423216	0,051	0,314
CHR5	16607548	CHR5:16607548	SSF x Far_LoA	-7,62094198	0,112	0,299
CHR5	16607583	CHR5:16607583	SSF x Far_LoA	-9,61491494	-0,084	0,316
CHR5	16607587	CHR5:16607587	SSF x Far_LoA	-10,6760534	-0,085	0,301
CHR5	16607604	CHR5:16607604	SSF x Far_LoA	-9,58386865	0,059	0,305
CHR5	16607623	CHR5:16607623	SSF x Far_LoA	-5,49474914	-0,192	0,298
CHR5	16607643	CHR5:16607643	SSF x Far_LoA	-8,52486148	0,070	0,313
CHR5	16607654	CHR5:16607654	SSF x Far_LoA	-5,89303509	0,128	0,303
CHR5	16610963	CHR5:16610963	SSF x Far_LoA	-10,9210791	0,130	0,297
CHR5	16610984	CHR5:16610984	SSF x Far_LoA	-5,62413129	-0,062	0,303
CHR5	16611000	CHR5:16611000	SSF x Far_LoA	-7,9399728	-0,002	0,318
CHR5	16611018	CHR5:16611018	SSF x Far_LoA	-11,532268	-0,026	0,297
CHR5	16611164	CHR5:16611164	SSF x Far_LoA	-4,44542452	0,040	0,316
CHR5	16618624	CHR5:16618624	SSF x Far_LoA	-8,20467217	0,042	0,290
CHR5	16623987	CHR5:16623987	SSF x Far_LoA	-10,8730342	0,050	0,306
CHR5	16624030	CHR5:16624030	SSF x Far_LoA	-9,53096482	0,022	0,309
CHR5	16624228	CHR5:16624228	SSF x Far_LoA	-9,93856733	0,013	0,317
CHR5	16626544	CHR5:16626544	SSF x Far_LoA	-11,1036266	0,058	0,321
CHR5	16626558	CHR5:16626558	SSF x Far_LoA	-6,35415947	0,182	0,290
CHR5	16626633	CHR5:16626633	SSF x Far_LoA	-7,87592607	0,145	0,302
CHR5	16626666	CHR5:16626666	SSF x Far_LoA	-7,24743503	0,149	0,301
CHR5	16626756	CHR5:16626756	SSF x Far_LoA	-5,86791723	-0,117	0,300
CHR5	16626784	CHR5:16626784	SSF x Far_LoA	-8,6890644	0,083	0,300
CHR5	16626787	CHR5:16626787	SSF x Far_LoA	-3,33329567	-0,123	0,310
CHR5	16631707	CHR5:16631707	SSF x Far_LoA	-9,59184077	-0,017	0,312
CHR5	16631732	CHR5:16631732	SSF x Far_LoA	-7,80408817	0,050	0,295
CHR5	16638451	CHR5:16638451	SSF x Far_LoA	-9,78140968	-0,017	0,310
CHR5	16638470	CHR5:16638470	SSF x Far_LoA	-10,0842347	0,084	0,315
CHR5	16638483	CHR5:16638483	SSF x Far_LoA	-7,81569227	0,102	0,310
CHR5	16638487	CHR5:16638487	SSF x Far_LoA	-9,2846943	-0,077	0,320
CHR5	16638507	CHR5:16638507	SSF x Far_LoA	-8,05676096	0,092	0,299
CHR5	16638643	CHR5:16638643	SSF x Far_LoA	-6,76543285	-0,052	0,307
CHR5	16641304	CHR5:16641304	SSF x Far_LoA	-9,55393428	-0,013	0,305
CHR5	16646612	CHR5:16646612	SSF x Far_LoA	-12,0044068	0,008	0,311
CHR5	16646689	CHR5:16646689	SSF x Far_LoA	-8,71659	-0,052	0,313
CHR5	16646728	CHR5:16646728	SSF x Far_LoA	-8,75525253	-0,037	0,308
CHR5	16646729	CHR5:16646729	SSF x Far_LoA	3,22031824	-0,032	0,324
CHR5	16655299	CHR5:16655299	SSF x Far_LoA	-8,41805043	-0,021	0,307
CHR5	16659140	CHR5:16659140	SSF x Far_LoA	-9,20031827	-0,027	0,310

CHR5	16659194	CHR5:16659194	SSF x Far_LoA	-8,28935498	0,033	0,321
CHR5	16660249	CHR5:16660249	SSF x Far_LoA	6,5881379	-0,161	0,302
CHR5	16660279	CHR5:16660279	SSF x Far_LoA	-9,37075109	-0,026	0,310
CHR5	1666191	CHR5:1666191	SSF x Far_LoA	-5,56314988	0,145	0,300
CHR5	16669046	CHR5:16669046	SSF x Far_LoA	-9,97381991	-0,010	0,312
CHR5	16669049	CHR5:16669049	SSF x Far_LoA	-10,5919704	0,047	0,295
CHR5	16669224	CHR5:16669224	SSF x Far_LoA	-9,28924978	0,037	0,311
CHR5	16669249	CHR5:16669249	SSF x Far_LoA	-9,59398803	-0,014	0,310
CHR5	16672288	CHR5:16672288	SSF x Far_LoA	-8,47791175	-0,108	0,300
CHR5	16672315	CHR5:16672315	SSF x Far_LoA	-7,18308396	-0,127	0,318
CHR5	16681056	CHR5:16681056	SSF x Far_LoA	-9,00496463	-0,002	0,314
CHR5	16681126	CHR5:16681126	SSF x Far_LoA	-10,1884515	0,007	0,312
CHR5	1668397	CHR5:1668397	SSF x Far_LoA	-10,0248417	-0,062	0,318
CHR5	16689581	CHR5:16689581	SSF x Far_LoA	-8,3338149	0,040	0,309
CHR5	16689597	CHR5:16689597	SSF x Far_LoA	-9,65339656	0,064	0,301
CHR5	16692812	CHR5:16692812	SSF x Far_LoA	-9,98248369	-0,027	0,309
CHR5	16692930	CHR5:16692930	SSF x Far_LoA	-10,2289156	0,066	0,306
CHR5	1669482	CHR5:1669482	SSF x Far_LoA	-9,90973214	0,051	0,314
CHR5	1669485	CHR5:1669485	SSF x Far_LoA	-9,79079706	-0,064	0,301
CHR5	1669568	CHR5:1669568	SSF x Far_LoA	-11,0152866	-0,060	0,306
CHR5	16699187	CHR5:16699187	SSF x Far_LoA	-5,40939102	0,153	0,294
CHR5	16699193	CHR5:16699193	SSF x Far_LoA	-8,66803542	-0,019	0,316
CHR5	16699199	CHR5:16699199	SSF x Far_LoA	-7,48601219	0,029	0,318
CHR5	16699276	CHR5:16699276	SSF x Far_LoA	-4,25044199	0,230	0,300
CHR5	16699319	CHR5:16699319	SSF x Far_LoA	-7,92059047	0,205	0,287
CHR5	16707681	CHR5:16707681	SSF x Far_LoA	-8,82808102	-0,068	0,297
CHR5	16707733	CHR5:16707733	SSF x Far_LoA	-3,55570491	-0,252	0,289
CHR5	16707821	CHR5:16707821	SSF x Far_LoA	-10,6928191	-0,015	0,306
CHR5	16707844	CHR5:16707844	SSF x Far_LoA	-8,25181068	0,164	0,282
CHR5	16707862	CHR5:16707862	SSF x Far_LoA	-6,58940734	0,120	0,297
CHR5	16707925	CHR5:16707925	SSF x Far_LoA	-8,93304139	0,122	0,287
CHR5	16724800	CHR5:16724800	SSF x Far_LoA	-7,61422237	-0,183	0,290
CHR5	16724832	CHR5:16724832	SSF x Far_LoA	-5,93750323	0,143	0,306
CHR5	16724851	CHR5:16724851	SSF x Far_LoA	-1,16667227	-0,170	0,312
CHR5	16724852	CHR5:16724852	SSF x Far_LoA	-7,55330618	-0,148	0,307
CHR5	16726079	CHR5:16726079	SSF x Far_LoA	-9,55284963	0,038	0,329
CHR5	16726126	CHR5:16726126	SSF x Far_LoA	-8,65121551	-0,172	0,305
CHR5	16726155	CHR5:16726155	SSF x Far_LoA	-8,44321095	-0,145	0,304
CHR5	16726160	CHR5:16726160	SSF x Far_LoA	-8,1558083	-0,174	0,299
CHR5	16726222	CHR5:16726222	SSF x Far_LoA	-9,80123781	0,076	0,303
CHR5	16726251	CHR5:16726251	SSF x Far_LoA	-9,43097161	0,082	0,310
CHR5	16726253	CHR5:16726253	SSF x Far_LoA	-10,0019884	0,111	0,300
CHR5	16726254	CHR5:16726254	SSF x Far_LoA	-9,56591122	0,084	0,311
CHR5	16726267	CHR5:16726267	SSF x Far_LoA	-7,79358671	0,086	0,304
CHR5	16726272	CHR5:16726272	SSF x Far_LoA	-6,28131398	0,121	0,301
CHR5	16726288	CHR5:16726288	SSF x Far_LoA	-9,30902644	-0,024	0,307
CHR5	16729606	CHR5:16729606	SSF x Far_LoA	-9,23069877	0,015	0,307
CHR5	16730625	CHR5:16730625	SSF x Far_LoA	-10,1444728	0,178	0,291
CHR5	16730681	CHR5:16730681	SSF x Far_LoA	-6,68672197	0,141	0,295
CHR5	16730713	CHR5:16730713	SSF x Far_LoA	-11,8398015	-0,106	0,293
CHR5	16743660	CHR5:16743660	SSF x Far_LoA	-9,2673198	0,010	0,304
CHR5	16743676	CHR5:16743676	SSF x Far_LoA	-9,58447151	-0,003	0,303
CHR5	16743698	CHR5:16743698	SSF x Far_LoA	-11,422772	0,027	0,316

CHR5	16746855	CHR5:16746855	SSF x Far_LoA	-10,835361	-0,087	0,315
CHR5	16746877	CHR5:16746877	SSF x Far_LoA	-10,3355946	0,092	0,309
CHR5	16755390	CHR5:16755390	SSF x Far_LoA	-7,76018315	-0,082	0,310
CHR5	16755419	CHR5:16755419	SSF x Far_LoA	-10,0308495	-0,133	0,293
CHR5	16755439	CHR5:16755439	SSF x Far_LoA	-9,68107215	-0,015	0,306
CHR5	16755468	CHR5:16755468	SSF x Far_LoA	-8,69684875	-0,133	0,295
CHR5	16757555	CHR5:16757555	SSF x Far_LoA	-8,67244288	0,078	0,306
CHR5	16757571	CHR5:16757571	SSF x Far_LoA	-8,57058734	0,004	0,303
CHR5	16757717	CHR5:16757717	SSF x Far_LoA	-10,1052776	0,079	0,291
CHR5	16757748	CHR5:16757748	SSF x Far_LoA	-9,20474132	-0,089	0,315
CHR5	16763688	CHR5:16763688	SSF x Far_LoA	10,2337022	0,190	0,299
CHR5	16767237	CHR5:16767237	SSF x Far_LoA	-9,9087855	0,127	0,297
CHR5	16767817	CHR5:16767817	SSF x Far_LoA	-9,05075204	0,128	0,312
CHR5	16767842	CHR5:16767842	SSF x Far_LoA	-10,0202042	-0,115	0,308
CHR5	16767882	CHR5:16767882	SSF x Far_LoA	-7,69469006	0,028	0,313
CHR5	16768823	CHR5:16768823	SSF x Far_LoA	-8,10756141	0,055	0,303
CHR5	16768840	CHR5:16768840	SSF x Far_LoA	-8,1444042	-0,004	0,303
CHR5	16770874	CHR5:16770874	SSF x Far_LoA	-9,34267191	-0,019	0,309
CHR5	16770893	CHR5:16770893	SSF x Far_LoA	-10,083216	-0,030	0,300
CHR5	16770926	CHR5:16770926	SSF x Far_LoA	-9,09479836	0,020	0,314
CHR5	16770995	CHR5:16770995	SSF x Far_LoA	-9,04250448	-0,057	0,306
CHR5	16771039	CHR5:16771039	SSF x Far_LoA	-8,1554923	0,048	0,315
CHR5	16771071	CHR5:16771071	SSF x Far_LoA	-10,6016844	0,005	0,301
CHR5	16771119	CHR5:16771119	SSF x Far_LoA	-10,7780199	-0,022	0,313
CHR5	16771123	CHR5:16771123	SSF x Far_LoA	-9,38233235	-0,068	0,284
CHR5	16771134	CHR5:16771134	SSF x Far_LoA	-6,9711073	-0,069	0,299
CHR5	16771139	CHR5:16771139	SSF x Far_LoA	-9,25993499	-0,058	0,304
CHR5	16780493	CHR5:16780493	SSF x Far_LoA	-7,16389825	-0,031	0,299
CHR5	16780654	CHR5:16780654	SSF x Far_LoA	-0,24032179	-0,255	0,296
CHR5	16780697	CHR5:16780697	SSF x Far_LoA	-7,40454809	-0,153	0,315
CHR5	16787865	CHR5:16787865	SSF x Far_LoA	-9,66773307	0,085	0,308
CHR5	16787927	CHR5:16787927	SSF x Far_LoA	-7,1917844	0,050	0,304
CHR5	16790515	CHR5:16790515	SSF x Far_LoA	-7,48979727	0,105	0,316
CHR5	16790518	CHR5:16790518	SSF x Far_LoA	-8,08016684	-0,038	0,315
CHR5	16790533	CHR5:16790533	SSF x Far_LoA	-7,58436782	-0,058	0,304
CHR5	16790570	CHR5:16790570	SSF x Far_LoA	-7,50127755	0,133	0,312
CHR5	16790592	CHR5:16790592	SSF x Far_LoA	-9,32573327	-0,027	0,302
CHR5	16790593	CHR5:16790593	SSF x Far_LoA	-10,9808349	-0,041	0,302
CHR5	16790609	CHR5:16790609	SSF x Far_LoA	-9,28802577	-0,058	0,296
CHR5	16790620	CHR5:16790620	SSF x Far_LoA	-8,44638569	-0,062	0,294
CHR5	16795080	CHR5:16795080	SSF x Far_LoA	-6,47603255	-0,125	0,305
CHR5	16795084	CHR5:16795084	SSF x Far_LoA	-8,09346654	0,153	0,296
CHR5	16795086	CHR5:16795086	SSF x Far_LoA	-9,28628728	0,037	0,313
CHR5	16800103	CHR5:16800103	SSF x Far_LoA	-10,5924447	0,079	0,289
CHR5	16800143	CHR5:16800143	SSF x Far_LoA	0,02020596	0,114	0,305
CHR5	16800144	CHR5:16800144	SSF x Far_LoA	-7,4090669	0,097	0,282
CHR5	16800150	CHR5:16800150	SSF x Far_LoA	-11,1607324	0,092	0,288
CHR5	16802958	CHR5:16802958	SSF x Far_LoA	0,15697764	-0,201	0,296
CHR5	16806663	CHR5:16806663	SSF x Far_LoA	-9,25810507	-0,057	0,305
CHR5	16806664	CHR5:16806664	SSF x Far_LoA	-7,82035284	-0,078	0,313
CHR5	16806703	CHR5:16806703	SSF x Far_LoA	3,72153664	-0,139	0,300
CHR5	1680918	CHR5:1680918	SSF x Far_LoA	-10,4606384	0,145	0,299
CHR5	1680919	CHR5:1680919	SSF x Far_LoA	-11,1778977	-0,040	0,299

CHR5	1680940	CHR5:1680940	SSF x Far_LoA	-8,91547575	0,055	0,296
CHR5	1680943	CHR5:1680943	SSF x Far_LoA	-9,8660027	0,052	0,292
CHR5	16810642	CHR5:16810642	SSF x Far_LoA	-4,04269952	-0,105	0,309
CHR5	16811853	CHR5:16811853	SSF x Far_LoA	-10,9510556	-0,100	0,309
CHR5	16811872	CHR5:16811872	SSF x Far_LoA	-10,1077772	-0,150	0,309
CHR5	16811939	CHR5:16811939	SSF x Far_LoA	-3,7200762	-0,239	0,283
CHR5	16826834	CHR5:16826834	SSF x Far_LoA	-7,0939837	-0,123	0,289
CHR5	16826847	CHR5:16826847	SSF x Far_LoA	-10,0524657	-0,021	0,307
CHR5	16826880	CHR5:16826880	SSF x Far_LoA	-9,13923325	-0,105	0,300
CHR5	16826886	CHR5:16826886	SSF x Far_LoA	-8,45869878	0,020	0,316
CHR5	16826888	CHR5:16826888	SSF x Far_LoA	-9,64395304	0,043	0,302
CHR5	16826942	CHR5:16826942	SSF x Far_LoA	-9,01726529	0,057	0,322
CHR5	16829022	CHR5:16829022	SSF x Far_LoA	-10,32366	0,004	0,302
CHR5	16829219	CHR5:16829219	SSF x Far_LoA	3,91429333	0,195	0,298
CHR5	16829266	CHR5:16829266	SSF x Far_LoA	-11,1093776	-0,059	0,307
CHR5	16840068	CHR5:16840068	SSF x Far_LoA	-11,179571	0,059	0,306
CHR5	16840099	CHR5:16840099	SSF x Far_LoA	-10,5411844	0,038	0,294
CHR5	16853930	CHR5:16853930	SSF x Far_LoA	-8,29338148	0,021	0,313
CHR5	16853931	CHR5:16853931	SSF x Far_LoA	-10,7361422	-0,051	0,301
CHR5	16853949	CHR5:16853949	SSF x Far_LoA	-7,83883832	-0,139	0,299
CHR5	16870196	CHR5:16870196	SSF x Far_LoA	-7,80926382	-0,017	0,316
CHR5	16870211	CHR5:16870211	SSF x Far_LoA	-3,90948969	0,010	0,315
CHR5	16876682	CHR5:16876682	SSF x Far_LoA	-9,15996491	0,023	0,318
CHR5	16876730	CHR5:16876730	SSF x Far_LoA	-9,79937314	-0,036	0,305
CHR5	16876767	CHR5:16876767	SSF x Far_LoA	-9,63770997	-0,014	0,312
CHR5	16876956	CHR5:16876956	SSF x Far_LoA	-8,4474298	-0,019	0,315
CHR5	16876968	CHR5:16876968	SSF x Far_LoA	-11,1849106	0,058	0,301
CHR5	16876984	CHR5:16876984	SSF x Far_LoA	-8,59330903	-0,003	0,310
CHR5	16877030	CHR5:16877030	SSF x Far_LoA	-8,10231084	0,069	0,309
CHR5	16883008	CHR5:16883008	SSF x Far_LoA	-7,71007651	0,074	0,306
CHR5	16883034	CHR5:16883034	SSF x Far_LoA	-4,26348237	-0,106	0,315
CHR5	16883085	CHR5:16883085	SSF x Far_LoA	-3,47307379	0,002	0,318
CHR5	16883102	CHR5:16883102	SSF x Far_LoA	-8,89175104	-0,055	0,309
CHR5	16883135	CHR5:16883135	SSF x Far_LoA	-9,46895771	0,044	0,299
CHR5	16883138	CHR5:16883138	SSF x Far_LoA	-7,77097189	0,029	0,312
CHR5	16892900	CHR5:16892900	SSF x Far_LoA	-7,51589797	-0,053	0,314
CHR5	16892965	CHR5:16892965	SSF x Far_LoA	-10,865009	0,032	0,297
CHR5	16893005	CHR5:16893005	SSF x Far_LoA	-8,07192741	-0,082	0,312
CHR5	16906197	CHR5:16906197	SSF x Far_LoA	-6,3456464	0,071	0,310
CHR5	16906232	CHR5:16906232	SSF x Far_LoA	-7,89015461	-0,142	0,310
CHR5	16906319	CHR5:16906319	SSF x Far_LoA	-10,8763272	0,067	0,296
CHR5	16906377	CHR5:16906377	SSF x Far_LoA	-9,93227723	0,111	0,307
CHR5	16906439	CHR5:16906439	SSF x Far_LoA	-10,5470406	0,062	0,312
CHR5	16911508	CHR5:16911508	SSF x Far_LoA	-9,7744249	0,101	0,312
CHR5	16911510	CHR5:16911510	SSF x Far_LoA	-5,1559489	-0,088	0,309
CHR5	16911576	CHR5:16911576	SSF x Far_LoA	-10,1713319	-0,010	0,314
CHR5	16911577	CHR5:16911577	SSF x Far_LoA	-10,1887271	0,009	0,311
CHR5	16911587	CHR5:16911587	SSF x Far_LoA	-8,88043966	-0,038	0,311
CHR5	16912312	CHR5:16912312	SSF x Far_LoA	-9,95374061	0,013	0,289
CHR5	16912317	CHR5:16912317	SSF x Far_LoA	-9,61534161	0,029	0,312
CHR5	16912327	CHR5:16912327	SSF x Far_LoA	-10,2597303	0,057	0,293
CHR5	16914403	CHR5:16914403	SSF x Far_LoA	-11,227954	-0,033	0,308
CHR5	16914436	CHR5:16914436	SSF x Far_LoA	-8,80041897	-0,060	0,324

CHR5	16914458	CHR5:16914458	SSF x Far_LoA	-8,82453583	0,044	0,293
CHR5	16914477	CHR5:16914477	SSF x Far_LoA	-10,47668	-0,036	0,322
CHR5	16914479	CHR5:16914479	SSF x Far_LoA	-3,13031255	0,156	0,280
CHR5	16914483	CHR5:16914483	SSF x Far_LoA	-8,12794303	0,170	0,287
CHR5	16914492	CHR5:16914492	SSF x Far_LoA	-5,93283206	0,166	0,291
CHR5	16914548	CHR5:16914548	SSF x Far_LoA	-9,96174745	-0,040	0,316
CHR5	16914579	CHR5:16914579	SSF x Far_LoA	-7,27957099	0,054	0,313
CHR5	16914584	CHR5:16914584	SSF x Far_LoA	-9,55547724	0,058	0,311
CHR5	16924191	CHR5:16924191	SSF x Far_LoA	-9,62355487	0,040	0,305
CHR5	16924208	CHR5:16924208	SSF x Far_LoA	-8,57567154	0,133	0,294
CHR5	16924263	CHR5:16924263	SSF x Far_LoA	-6,83329788	0,010	0,299
CHR5	16924315	CHR5:16924315	SSF x Far_LoA	-10,2637667	0,031	0,310
CHR5	16924399	CHR5:16924399	SSF x Far_LoA	-12,1328165	-0,037	0,294
CHR5	16926949	CHR5:16926949	SSF x Far_LoA	-7,30069931	0,015	0,323
CHR5	16927026	CHR5:16927026	SSF x Far_LoA	-9,64505834	-0,020	0,299
CHR5	16927084	CHR5:16927084	SSF x Far_LoA	-10,6857478	-0,073	0,304
CHR5	16927085	CHR5:16927085	SSF x Far_LoA	-9,52215598	0,051	0,309
CHR5	16929337	CHR5:16929337	SSF x Far_LoA	-8,90788396	-0,004	0,309
CHR5	16929410	CHR5:16929410	SSF x Far_LoA	-9,81207684	0,014	0,303
CHR5	16929495	CHR5:16929495	SSF x Far_LoA	-6,10312473	0,114	0,301
CHR5	16948911	CHR5:16948911	SSF x Far_LoA	-11,0700019	-0,056	0,291
CHR5	16949027	CHR5:16949027	SSF x Far_LoA	-12,1682676	-0,058	0,307
CHR5	16956924	CHR5:16956924	SSF x Far_LoA	-8,44812752	0,023	0,292
CHR5	16956998	CHR5:16956998	SSF x Far_LoA	-11,1199996	-0,121	0,299
CHR5	16957001	CHR5:16957001	SSF x Far_LoA	-6,1761646	-0,296	0,275
CHR5	16963367	CHR5:16963367	SSF x Far_LoA	-7,69870587	-0,046	0,324
CHR5	16963392	CHR5:16963392	SSF x Far_LoA	-4,33553903	0,107	0,300
CHR5	16963422	CHR5:16963422	SSF x Far_LoA	-7,14708919	0,004	0,315
CHR5	16963446	CHR5:16963446	SSF x Far_LoA	-6,9331384	0,056	0,306
CHR5	16963462	CHR5:16963462	SSF x Far_LoA	-8,67767812	0,049	0,316
CHR5	16966703	CHR5:16966703	SSF x Far_LoA	-9,61323657	0,006	0,297
CHR5	16973455	CHR5:16973455	SSF x Far_LoA	-8,71413953	-0,095	0,308
CHR5	16973460	CHR5:16973460	SSF x Far_LoA	-4,83496956	-0,121	0,307
CHR5	16973461	CHR5:16973461	SSF x Far_LoA	-8,71068304	-0,190	0,290
CHR5	16973464	CHR5:16973464	SSF x Far_LoA	-6,91125995	-0,200	0,292
CHR5	16973507	CHR5:16973507	SSF x Far_LoA	-9,49249837	-0,111	0,328
CHR5	16973514	CHR5:16973514	SSF x Far_LoA	-8,53015963	-0,140	0,302
CHR5	16973543	CHR5:16973543	SSF x Far_LoA	-9,29277024	-0,070	0,312
CHR5	16973558	CHR5:16973558	SSF x Far_LoA	-10,5224328	-0,042	0,328
CHR5	16973577	CHR5:16973577	SSF x Far_LoA	-11,0897361	-0,074	0,316
CHR5	16973581	CHR5:16973581	SSF x Far_LoA	-10,9404622	-0,057	0,316
CHR5	16973582	CHR5:16973582	SSF x Far_LoA	-11,1992829	-0,074	0,319
CHR5	16973587	CHR5:16973587	SSF x Far_LoA	-8,12251525	0,018	0,315
CHR5	16973688	CHR5:16973688	SSF x Far_LoA	-10,6464214	-0,073	0,306
CHR5	16973693	CHR5:16973693	SSF x Far_LoA	-9,31620082	0,036	0,315
CHR5	16973701	CHR5:16973701	SSF x Far_LoA	-10,6856437	-0,011	0,307
CHR5	16973706	CHR5:16973706	SSF x Far_LoA	-9,8792781	-0,113	0,303
CHR5	16977985	CHR5:16977985	SSF x Far_LoA	-10,4770759	-0,150	0,290
CHR5	16978039	CHR5:16978039	SSF x Far_LoA	-9,10770367	0,001	0,312
CHR5	16982608	CHR5:16982608	SSF x Far_LoA	-10,5488845	0,070	0,295
CHR5	16982620	CHR5:16982620	SSF x Far_LoA	-8,36979359	-0,007	0,310
CHR5	16989252	CHR5:16989252	SSF x Far_LoA	-8,58289393	0,013	0,323
CHR5	16989271	CHR5:16989271	SSF x Far_LoA	-9,19484735	-0,033	0,303

CHR5	16989290	CHR5:16989290	SSF x Far_LoA	-8,70492286	0,134	0,296
CHR5	1699092	CHR5:1699092	SSF x Far_LoA	7,80395979	-0,223	0,289
CHR5	1699130	CHR5:1699130	SSF x Far_LoA	-8,28492796	-0,006	0,304
CHR5	16991393	CHR5:16991393	SSF x Far_LoA	-8,98658994	0,125	0,308
CHR5	16991415	CHR5:16991415	SSF x Far_LoA	-6,92971149	-0,199	0,276
CHR5	16991471	CHR5:16991471	SSF x Far_LoA	-9,9573885	-0,026	0,308
CHR5	1699172	CHR5:1699172	SSF x Far_LoA	-10,6671127	0,025	0,309
CHR5	16999196	CHR5:16999196	SSF x Far_LoA	-8,53543545	0,055	0,294
CHR5	17013689	CHR5:17013689	SSF x Far_LoA	-8,04007235	0,120	0,298
CHR5	17037879	CHR5:17037879	SSF x Far_LoA	-2,35567627	0,180	0,296
CHR5	17037954	CHR5:17037954	SSF x Far_LoA	-11,3530751	-0,062	0,303
CHR5	17040075	CHR5:17040075	SSF x Far_LoA	-11,6893094	-0,029	0,315
CHR5	17040097	CHR5:17040097	SSF x Far_LoA	-9,89229919	0,016	0,315
CHR5	17040338	CHR5:17040338	SSF x Far_LoA	-8,05267073	-0,152	0,305
CHR5	17040341	CHR5:17040341	SSF x Far_LoA	-4,47536716	-0,154	0,301
CHR5	17042514	CHR5:17042514	SSF x Far_LoA	-9,66736911	0,068	0,313
CHR5	17042540	CHR5:17042540	SSF x Far_LoA	-9,26329308	0,012	0,309
CHR5	17042594	CHR5:17042594	SSF x Far_LoA	-11,1767079	-0,043	0,298
CHR5	17052029	CHR5:17052029	SSF x Far_LoA	-11,2937175	-0,040	0,313
CHR5	17052046	CHR5:17052046	SSF x Far_LoA	-8,08051247	-0,100	0,305
CHR5	17052054	CHR5:17052054	SSF x Far_LoA	-10,2688776	0,002	0,320
CHR5	17055868	CHR5:17055868	SSF x Far_LoA	-9,04530349	0,131	0,295
CHR5	17055924	CHR5:17055924	SSF x Far_LoA	-7,24167909	-0,054	0,314
CHR5	17059510	CHR5:17059510	SSF x Far_LoA	-8,95199778	0,011	0,327
CHR5	17059515	CHR5:17059515	SSF x Far_LoA	-7,00899726	-0,138	0,310
CHR5	17059532	CHR5:17059532	SSF x Far_LoA	-10,6335155	-0,071	0,310
CHR5	17059533	CHR5:17059533	SSF x Far_LoA	-11,7727388	-0,009	0,316
CHR5	17059538	CHR5:17059538	SSF x Far_LoA	-4,39521084	-0,125	0,319
CHR5	17059544	CHR5:17059544	SSF x Far_LoA	-5,57160105	-0,130	0,303
CHR5	17070681	CHR5:17070681	SSF x Far_LoA	-10,7665215	-0,087	0,296
CHR5	17070684	CHR5:17070684	SSF x Far_LoA	-10,7606817	-0,067	0,305
CHR5	17070695	CHR5:17070695	SSF x Far_LoA	-8,92584444	-0,084	0,316
CHR5	17070696	CHR5:17070696	SSF x Far_LoA	-10,2569364	-0,066	0,307
CHR5	17070700	CHR5:17070700	SSF x Far_LoA	-9,41718237	-0,062	0,317
CHR5	17070707	CHR5:17070707	SSF x Far_LoA	-10,7654714	-0,070	0,312
CHR5	17070720	CHR5:17070720	SSF x Far_LoA	-8,41360045	-0,066	0,322
CHR5	17070735	CHR5:17070735	SSF x Far_LoA	-9,99106846	-0,038	0,307
CHR5	17070742	CHR5:17070742	SSF x Far_LoA	-6,79940415	-0,068	0,314
CHR5	17070747	CHR5:17070747	SSF x Far_LoA	-9,7576433	-0,036	0,311
CHR5	17070752	CHR5:17070752	SSF x Far_LoA	-9,21471143	-0,017	0,313
CHR5	17080010	CHR5:17080010	SSF x Far_LoA	-8,07255375	-0,109	0,317
CHR5	17091319	CHR5:17091319	SSF x Far_LoA	-7,20360829	-0,041	0,320
CHR5	17103462	CHR5:17103462	SSF x Far_LoA	-6,95189654	0,151	0,309
CHR5	17103473	CHR5:17103473	SSF x Far_LoA	-8,05476808	0,172	0,288
CHR5	17103484	CHR5:17103484	SSF x Far_LoA	-11,0511712	-0,036	0,313
CHR5	1710397	CHR5:1710397	SSF x Far_LoA	-7,09282531	-0,117	0,296
CHR5	1710415	CHR5:1710415	SSF x Far_LoA	-9,6684935	0,011	0,308
CHR5	1710460	CHR5:1710460	SSF x Far_LoA	-8,18415898	0,020	0,309
CHR5	1710473	CHR5:1710473	SSF x Far_LoA	-10,4706976	-0,072	0,318
CHR5	17106951	CHR5:17106951	SSF x Far_LoA	-8,62541104	-0,077	0,318
CHR5	17106979	CHR5:17106979	SSF x Far_LoA	-9,96157678	0,000	0,319
CHR5	17107008	CHR5:17107008	SSF x Far_LoA	-11,5830693	-0,061	0,305
CHR5	17107037	CHR5:17107037	SSF x Far_LoA	-6,15362461	0,101	0,300

CHR5	17107049	CHR5:17107049	SSF x Far_LoA	-10,3582125	0,020	0,298
CHR5	17108678	CHR5:17108678	SSF x Far_LoA	-10,6460408	-0,047	0,308
CHR5	17108921	CHR5:17108921	SSF x Far_LoA	-8,14213732	-0,142	0,302
CHR5	17108987	CHR5:17108987	SSF x Far_LoA	-8,603324	-0,005	0,315
CHR5	17113465	CHR5:17113465	SSF x Far_LoA	-10,178014	0,026	0,313
CHR5	17117320	CHR5:17117320	SSF x Far_LoA	-9,24762789	0,014	0,309
CHR5	17117455	CHR5:17117455	SSF x Far_LoA	-10,458738	-0,088	0,304
CHR5	17120633	CHR5:17120633	SSF x Far_LoA	-8,13639635	0,068	0,286
CHR5	17124300	CHR5:17124300	SSF x Far_LoA	-11,7907237	-0,082	0,305
CHR5	17131339	CHR5:17131339	SSF x Far_LoA	-8,55576224	0,039	0,309
CHR5	17134770	CHR5:17134770	SSF x Far_LoA	-7,75595465	0,053	0,306
CHR5	17134778	CHR5:17134778	SSF x Far_LoA	-11,7830266	0,033	0,302
CHR5	17134779	CHR5:17134779	SSF x Far_LoA	-10,6168197	-0,003	0,299
CHR5	17134791	CHR5:17134791	SSF x Far_LoA	-10,0224972	0,041	0,308
CHR5	17134820	CHR5:17134820	SSF x Far_LoA	-7,93358426	0,066	0,308
CHR5	17134835	CHR5:17134835	SSF x Far_LoA	-8,83822694	-0,125	0,303
CHR5	17154324	CHR5:17154324	SSF x Far_LoA	-8,42419394	0,128	0,300
CHR5	17154363	CHR5:17154363	SSF x Far_LoA	-6,3835864	0,037	0,307
CHR5	17154376	CHR5:17154376	SSF x Far_LoA	-9,81859865	-0,054	0,303
CHR5	17154377	CHR5:17154377	SSF x Far_LoA	-10,2092216	0,018	0,306
CHR5	17154384	CHR5:17154384	SSF x Far_LoA	-9,50842505	0,103	0,309
CHR5	17154385	CHR5:17154385	SSF x Far_LoA	-8,1264733	-0,050	0,306
CHR5	17154455	CHR5:17154455	SSF x Far_LoA	-8,15112593	0,013	0,304
CHR5	17154486	CHR5:17154486	SSF x Far_LoA	-9,50322363	-0,016	0,315
CHR5	17154498	CHR5:17154498	SSF x Far_LoA	-7,81491451	-0,138	0,302
CHR5	17154529	CHR5:17154529	SSF x Far_LoA	-6,27637491	-0,195	0,283
CHR5	17154545	CHR5:17154545	SSF x Far_LoA	-9,7054653	0,095	0,309
CHR5	17154547	CHR5:17154547	SSF x Far_LoA	-5,16176879	-0,141	0,313
CHR5	17154558	CHR5:17154558	SSF x Far_LoA	-10,1172359	0,163	0,295
CHR5	17154563	CHR5:17154563	SSF x Far_LoA	-11,3329332	0,142	0,283
CHR5	17154570	CHR5:17154570	SSF x Far_LoA	-6,45718443	-0,162	0,315
CHR5	1715788	CHR5:1715788	SSF x Far_LoA	-6,95310416	-0,105	0,293
CHR5	1715838	CHR5:1715838	SSF x Far_LoA	-11,0670643	0,023	0,297
CHR5	1715859	CHR5:1715859	SSF x Far_LoA	-6,16325801	-0,039	0,312
CHR5	1715939	CHR5:1715939	SSF x Far_LoA	-11,8374731	0,086	0,289
CHR5	1715954	CHR5:1715954	SSF x Far_LoA	-4,642067	0,080	0,310
CHR5	1715963	CHR5:1715963	SSF x Far_LoA	-4,58929882	0,085	0,313
CHR5	1715966	CHR5:1715966	SSF x Far_LoA	-8,65847117	-0,003	0,310
CHR5	1715990	CHR5:1715990	SSF x Far_LoA	-10,8303675	-0,046	0,315
CHR5	1716015	CHR5:1716015	SSF x Far_LoA	-10,3674292	-0,097	0,309
CHR5	17160772	CHR5:17160772	SSF x Far_LoA	-9,89239592	-0,029	0,305
CHR5	17160777	CHR5:17160777	SSF x Far_LoA	-6,90193828	0,221	0,281
CHR5	17160818	CHR5:17160818	SSF x Far_LoA	-10,9415841	0,068	0,302
CHR5	17163628	CHR5:17163628	SSF x Far_LoA	-9,2825119	-0,001	0,308
CHR5	17163632	CHR5:17163632	SSF x Far_LoA	-7,89693868	0,037	0,313
CHR5	17163705	CHR5:17163705	SSF x Far_LoA	-11,4855202	0,023	0,308
CHR5	17163719	CHR5:17163719	SSF x Far_LoA	-7,62304383	0,073	0,310
CHR5	17163730	CHR5:17163730	SSF x Far_LoA	-7,85265625	0,025	0,314
CHR5	17163769	CHR5:17163769	SSF x Far_LoA	-9,68507055	0,022	0,304
CHR5	17170667	CHR5:17170667	SSF x Far_LoA	-11,4031369	-0,041	0,308
CHR5	17171796	CHR5:17171796	SSF x Far_LoA	-8,38777644	-0,113	0,305
CHR5	17171809	CHR5:17171809	SSF x Far_LoA	-8,56714645	0,140	0,288
CHR5	17171815	CHR5:17171815	SSF x Far_LoA	-8,84855636	0,129	0,293

CHR5	17171863	CHR5:17171863	SSF x Far_LoA	-6,42810884	0,052	0,312
CHR5	17185757	CHR5:17185757	SSF x Far_LoA	-10,4347882	-0,067	0,310
CHR5	17185897	CHR5:17185897	SSF x Far_LoA	-9,49518278	-0,021	0,312
CHR5	17185930	CHR5:17185930	SSF x Far_LoA	-8,42767716	0,108	0,301
CHR5	17185931	CHR5:17185931	SSF x Far_LoA	-8,08626242	-0,191	0,309
CHR5	17185937	CHR5:17185937	SSF x Far_LoA	-4,54559788	-0,151	0,316
CHR5	17185967	CHR5:17185967	SSF x Far_LoA	-9,91349189	-0,054	0,314
CHR5	17189577	CHR5:17189577	SSF x Far_LoA	-8,18908012	-0,090	0,304
CHR5	17189596	CHR5:17189596	SSF x Far_LoA	-11,6787411	0,024	0,290
CHR5	17189691	CHR5:17189691	SSF x Far_LoA	-7,73834099	-0,093	0,302
CHR5	17189694	CHR5:17189694	SSF x Far_LoA	-8,18441919	-0,144	0,298
CHR5	17189718	CHR5:17189718	SSF x Far_LoA	-6,69717695	0,097	0,317
CHR5	17189785	CHR5:17189785	SSF x Far_LoA	-9,2021784	-0,044	0,287
CHR5	17189787	CHR5:17189787	SSF x Far_LoA	-8,41882727	-0,036	0,311
CHR5	17200965	CHR5:17200965	SSF x Far_LoA	-8,11525248	-0,008	0,300
CHR5	17201030	CHR5:17201030	SSF x Far_LoA	-10,8251582	0,005	0,296
CHR5	17207072	CHR5:17207072	SSF x Far_LoA	-10,7009773	0,175	0,289
CHR5	17209599	CHR5:17209599	SSF x Far_LoA	-10,9775909	-0,099	0,306
CHR5	17209623	CHR5:17209623	SSF x Far_LoA	-4,83677913	-0,091	0,305
CHR5	17209705	CHR5:17209705	SSF x Far_LoA	-7,8798068	-0,033	0,301
CHR5	17209707	CHR5:17209707	SSF x Far_LoA	-9,85751417	-0,070	0,291
CHR5	17218297	CHR5:17218297	SSF x Far_LoA	-10,069384	0,062	0,301
CHR5	17218299	CHR5:17218299	SSF x Far_LoA	-10,2360626	0,010	0,313
CHR5	17219143	CHR5:17219143	SSF x Far_LoA	-9,03644525	0,060	0,307
CHR5	17219158	CHR5:17219158	SSF x Far_LoA	-7,3750766	0,112	0,300
CHR5	17219184	CHR5:17219184	SSF x Far_LoA	-10,0343359	0,114	0,300
CHR5	17219190	CHR5:17219190	SSF x Far_LoA	-10,0683564	0,081	0,308
CHR5	17219237	CHR5:17219237	SSF x Far_LoA	-8,87210292	0,164	0,305
CHR5	17219375	CHR5:17219375	SSF x Far_LoA	-9,38558761	-0,046	0,309
CHR5	17225358	CHR5:17225358	SSF x Far_LoA	-7,83975747	0,194	0,294
CHR5	17225591	CHR5:17225591	SSF x Far_LoA	-10,1277343	0,115	0,305
CHR5	17226062	CHR5:17226062	SSF x Far_LoA	-8,92189472	-0,047	0,311
CHR5	17226162	CHR5:17226162	SSF x Far_LoA	-1,57213046	0,011	0,288
CHR5	17226221	CHR5:17226221	SSF x Far_LoA	-8,35849226	0,024	0,313
CHR5	17241218	CHR5:17241218	SSF x Far_LoA	-8,51984607	0,078	0,306
CHR5	17241220	CHR5:17241220	SSF x Far_LoA	-9,54551322	0,068	0,312
CHR5	17241232	CHR5:17241232	SSF x Far_LoA	-7,62403857	-0,105	0,310
CHR5	17241241	CHR5:17241241	SSF x Far_LoA	-6,74366106	0,070	0,294
CHR5	17241242	CHR5:17241242	SSF x Far_LoA	-8,7026081	0,057	0,317
CHR5	17241344	CHR5:17241344	SSF x Far_LoA	-10,4948413	-0,013	0,308
CHR5	17244428	CHR5:17244428	SSF x Far_LoA	-10,3832939	-0,022	0,299
CHR5	17244469	CHR5:17244469	SSF x Far_LoA	-7,49987688	-0,081	0,305
CHR5	17244479	CHR5:17244479	SSF x Far_LoA	-8,17755022	-0,100	0,309
CHR5	17244496	CHR5:17244496	SSF x Far_LoA	-9,55922998	0,153	0,303
CHR5	17244538	CHR5:17244538	SSF x Far_LoA	-9,18259646	-0,036	0,293
CHR5	17253160	CHR5:17253160	SSF x Far_LoA	0,26194535	-0,135	0,291
CHR5	17253400	CHR5:17253400	SSF x Far_LoA	-11,5733439	-0,003	0,315
CHR5	17255139	CHR5:17255139	SSF x Far_LoA	-10,2329378	-0,098	0,320
CHR5	17256179	CHR5:17256179	SSF x Far_LoA	-8,27921971	-0,069	0,313
CHR5	17256239	CHR5:17256239	SSF x Far_LoA	-9,20763674	0,080	0,304
CHR5	1725828	CHR5:1725828	SSF x Far_LoA	-6,52262135	-0,090	0,310
CHR5	1725854	CHR5:1725854	SSF x Far_LoA	-11,0500918	-0,034	0,308
CHR5	17258964	CHR5:17258964	SSF x Far_LoA	-8,0814181	0,069	0,311

CHR5	17258990	CHR5:17258990	SSF x Far_LoA	-3,07187869	-0,062	0,324
CHR5	17259172	CHR5:17259172	SSF x Far_LoA	-7,75231541	-0,042	0,310
CHR5	17268331	CHR5:17268331	SSF x Far_LoA	-10,5569554	0,031	0,304
CHR5	17268423	CHR5:17268423	SSF x Far_LoA	-12,1110433	0,003	0,307
CHR5	17285403	CHR5:17285403	SSF x Far_LoA	-9,42179453	0,050	0,304
CHR5	17285404	CHR5:17285404	SSF x Far_LoA	-7,95666844	0,047	0,319
CHR5	17285435	CHR5:17285435	SSF x Far_LoA	-10,2657582	0,053	0,294
CHR5	17285494	CHR5:17285494	SSF x Far_LoA	-11,5672767	-0,018	0,295
CHR5	17285495	CHR5:17285495	SSF x Far_LoA	-8,95394423	0,028	0,298
CHR5	17285497	CHR5:17285497	SSF x Far_LoA	-8,56477854	0,002	0,294
CHR5	17285507	CHR5:17285507	SSF x Far_LoA	-11,5403346	0,091	0,306
CHR5	17285521	CHR5:17285521	SSF x Far_LoA	-11,8203994	0,028	0,312
CHR5	17287383	CHR5:17287383	SSF x Far_LoA	-11,8727207	0,011	0,312
CHR5	17287441	CHR5:17287441	SSF x Far_LoA	-11,422207	0,002	0,306
CHR5	17288470	CHR5:17288470	SSF x Far_LoA	-9,80778498	-0,068	0,311
CHR5	17297610	CHR5:17297610	SSF x Far_LoA	-2,23960344	0,080	0,316
CHR5	17297686	CHR5:17297686	SSF x Far_LoA	-9,71930213	0,054	0,298
CHR5	17300776	CHR5:17300776	SSF x Far_LoA	-9,78196309	-0,023	0,311
CHR5	17300864	CHR5:17300864	SSF x Far_LoA	-8,72757535	0,074	0,310
CHR5	17305784	CHR5:17305784	SSF x Far_LoA	-9,88439568	-0,078	0,314
CHR5	17305865	CHR5:17305865	SSF x Far_LoA	-7,31545384	-0,003	0,311
CHR5	1731422	CHR5:1731422	SSF x Far_LoA	-10,0527108	-0,006	0,296
CHR5	1731435	CHR5:1731435	SSF x Far_LoA	-8,02336142	0,007	0,319
CHR5	1731444	CHR5:1731444	SSF x Far_LoA	-10,6608628	0,020	0,291
CHR5	1731456	CHR5:1731456	SSF x Far_LoA	-10,2230709	-0,060	0,315
CHR5	1731488	CHR5:1731488	SSF x Far_LoA	-9,11271062	-0,057	0,312
CHR5	1731490	CHR5:1731490	SSF x Far_LoA	0,40949851	-0,187	0,291
CHR5	1731491	CHR5:1731491	SSF x Far_LoA	-9,11848877	-0,083	0,300
CHR5	1731525	CHR5:1731525	SSF x Far_LoA	-10,9574443	0,001	0,306
CHR5	1731528	CHR5:1731528	SSF x Far_LoA	-8,11630217	-0,023	0,305
CHR5	1731552	CHR5:1731552	SSF x Far_LoA	-8,39495957	-0,077	0,313
CHR5	1731661	CHR5:1731661	SSF x Far_LoA	-10,6318219	-0,084	0,307
CHR5	1731698	CHR5:1731698	SSF x Far_LoA	4,9257297	0,167	0,303
CHR5	1731719	CHR5:1731719	SSF x Far_LoA	-11,4573006	0,080	0,297
CHR5	17336010	CHR5:17336010	SSF x Far_LoA	-9,34307921	-0,147	0,306
CHR5	17336047	CHR5:17336047	SSF x Far_LoA	-9,24317089	-0,063	0,310
CHR5	17337465	CHR5:17337465	SSF x Far_LoA	-10,1030856	0,051	0,303
CHR5	17337528	CHR5:17337528	SSF x Far_LoA	-9,16168543	-0,026	0,298
CHR5	17337594	CHR5:17337594	SSF x Far_LoA	-7,41977302	-0,005	0,310
CHR5	17337651	CHR5:17337651	SSF x Far_LoA	-9,69272051	0,067	0,312
CHR5	17337704	CHR5:17337704	SSF x Far_LoA	-9,62947398	0,083	0,311
CHR5	17346530	CHR5:17346530	SSF x Far_LoA	-9,44542787	-0,066	0,317
CHR5	17346537	CHR5:17346537	SSF x Far_LoA	-10,2321351	0,059	0,317
CHR5	17346550	CHR5:17346550	SSF x Far_LoA	-6,47711857	0,144	0,302
CHR5	17346580	CHR5:17346580	SSF x Far_LoA	-5,29742711	-0,073	0,313
CHR5	17349493	CHR5:17349493	SSF x Far_LoA	-11,1619959	0,027	0,300
CHR5	17349510	CHR5:17349510	SSF x Far_LoA	-0,53372553	-0,061	0,314
CHR5	17349553	CHR5:17349553	SSF x Far_LoA	-8,92011711	0,048	0,307
CHR5	17349568	CHR5:17349568	SSF x Far_LoA	-8,66060972	0,008	0,301
CHR5	17349602	CHR5:17349602	SSF x Far_LoA	-8,59469418	-0,032	0,297
CHR5	17349615	CHR5:17349615	SSF x Far_LoA	-8,21168852	0,096	0,303
CHR5	17349637	CHR5:17349637	SSF x Far_LoA	-9,12078524	-0,028	0,301
CHR5	17349648	CHR5:17349648	SSF x Far_LoA	-8,10372179	-0,024	0,302

CHR5	17349664	CHR5:17349664	SSF x Far_LoA	-11,3937032	0,012	0,306
CHR5	17349693	CHR5:17349693	SSF x Far_LoA	-8,51899064	0,033	0,311
CHR5	1734983	CHR5:1734983	SSF x Far_LoA	-7,74643465	-0,051	0,316
CHR5	1735028	CHR5:1735028	SSF x Far_LoA	-11,6143563	0,077	0,294
CHR5	1736609	CHR5:1736609	SSF x Far_LoA	-7,10264515	-0,082	0,306
CHR5	17366170	CHR5:17366170	SSF x Far_LoA	-9,9660944	-0,084	0,297
CHR5	1736619	CHR5:1736619	SSF x Far_LoA	-8,43021116	-0,100	0,298
CHR5	17366344	CHR5:17366344	SSF x Far_LoA	-6,31395783	-0,237	0,279
CHR5	1736659	CHR5:1736659	SSF x Far_LoA	-8,61626665	0,096	0,313
CHR5	1736709	CHR5:1736709	SSF x Far_LoA	-8,29410974	0,061	0,314
CHR5	1736763	CHR5:1736763	SSF x Far_LoA	-11,536014	0,071	0,301
CHR5	17367857	CHR5:17367857	SSF x Far_LoA	-10,1131753	0,065	0,288
CHR5	17367875	CHR5:17367875	SSF x Far_LoA	-11,1726055	-0,055	0,291
CHR5	17367888	CHR5:17367888	SSF x Far_LoA	-9,57033774	0,035	0,322
CHR5	17367937	CHR5:17367937	SSF x Far_LoA	-5,50799574	0,032	0,312
CHR5	17368004	CHR5:17368004	SSF x Far_LoA	-8,6231174	0,000	0,319
CHR5	17373468	CHR5:17373468	SSF x Far_LoA	-9,1805004	-0,091	0,311
CHR5	17373488	CHR5:17373488	SSF x Far_LoA	-10,9656901	-0,069	0,306
CHR5	17373543	CHR5:17373543	SSF x Far_LoA	-8,12391312	-0,095	0,326
CHR5	17373545	CHR5:17373545	SSF x Far_LoA	-8,92897839	-0,121	0,314
CHR5	17374941	CHR5:17374941	SSF x Far_LoA	-10,3606392	-0,082	0,309
CHR5	17374999	CHR5:17374999	SSF x Far_LoA	-9,33786507	-0,034	0,315
CHR5	17375766	CHR5:17375766	SSF x Far_LoA	-8,05690612	0,098	0,307
CHR5	17375839	CHR5:17375839	SSF x Far_LoA	-5,88123205	-0,115	0,298
CHR5	17375849	CHR5:17375849	SSF x Far_LoA	-11,1637273	0,121	0,291
CHR5	17375861	CHR5:17375861	SSF x Far_LoA	-9,23018923	0,068	0,318
CHR5	17385393	CHR5:17385393	SSF x Far_LoA	-7,83497147	-0,001	0,310
CHR5	17385464	CHR5:17385464	SSF x Far_LoA	-9,7809421	-0,064	0,300
CHR5	17385491	CHR5:17385491	SSF x Far_LoA	-10,7806515	-0,064	0,311
CHR5	17387274	CHR5:17387274	SSF x Far_LoA	-5,26790424	0,151	0,299
CHR5	17394258	CHR5:17394258	SSF x Far_LoA	-11,1308126	0,045	0,308
CHR5	17394282	CHR5:17394282	SSF x Far_LoA	-9,22241289	-0,072	0,303
CHR5	17394351	CHR5:17394351	SSF x Far_LoA	-8,57606135	-0,029	0,314
CHR5	17394370	CHR5:17394370	SSF x Far_LoA	-4,17907262	0,080	0,314
CHR5	17394375	CHR5:17394375	SSF x Far_LoA	-11,0713847	0,091	0,314
CHR5	17394381	CHR5:17394381	SSF x Far_LoA	-11,2574767	0,087	0,308
CHR5	17394392	CHR5:17394392	SSF x Far_LoA	-11,1339312	0,074	0,317
CHR5	17394396	CHR5:17394396	SSF x Far_LoA	-8,60306972	0,120	0,310
CHR5	17397552	CHR5:17397552	SSF x Far_LoA	-10,7618785	-0,048	0,303
CHR5	17397579	CHR5:17397579	SSF x Far_LoA	-4,69767246	-0,107	0,315
CHR5	17398258	CHR5:17398258	SSF x Far_LoA	-10,3179804	-0,117	0,305
CHR5	17398351	CHR5:17398351	SSF x Far_LoA	-11,0510492	0,044	0,305
CHR5	1740864	CHR5:1740864	SSF x Far_LoA	-8,53887185	0,112	0,322
CHR5	1740934	CHR5:1740934	SSF x Far_LoA	-9,61913872	-0,040	0,318
CHR5	1740935	CHR5:1740935	SSF x Far_LoA	-10,9005463	-0,124	0,292
CHR5	1740953	CHR5:1740953	SSF x Far_LoA	-9,16419255	-0,089	0,290
CHR5	1740992	CHR5:1740992	SSF x Far_LoA	-10,8246453	0,093	0,296
CHR5	1741001	CHR5:1741001	SSF x Far_LoA	-9,24399419	0,081	0,321
CHR5	1741100	CHR5:1741100	SSF x Far_LoA	-9,22093939	-0,012	0,300
CHR5	1741104	CHR5:1741104	SSF x Far_LoA	-11,5897248	-0,083	0,294
CHR5	1741112	CHR5:1741112	SSF x Far_LoA	-9,82706493	-0,054	0,312
CHR5	1741120	CHR5:1741120	SSF x Far_LoA	-10,7876424	0,092	0,300
CHR5	17412463	CHR5:17412463	SSF x Far_LoA	-6,21564345	-0,202	0,289

CHR5	17412476	CHR5:17412476	SSF x Far_LoA	-9,17837423	-0,086	0,292
CHR5	17412511	CHR5:17412511	SSF x Far_LoA	-5,64795621	-0,208	0,305
CHR5	17412532	CHR5:17412532	SSF x Far_LoA	-6,95844402	-0,154	0,311
CHR5	17412534	CHR5:17412534	SSF x Far_LoA	-0,15504626	-0,156	0,304
CHR5	17412538	CHR5:17412538	SSF x Far_LoA	-10,6187905	-0,107	0,306
CHR5	17412539	CHR5:17412539	SSF x Far_LoA	-8,02935767	0,122	0,302
CHR5	17412559	CHR5:17412559	SSF x Far_LoA	-10,3901551	-0,078	0,315
CHR5	17421391	CHR5:17421391	SSF x Far_LoA	-11,2967129	-0,105	0,295
CHR5	17425780	CHR5:17425780	SSF x Far_LoA	-12,0349213	-0,027	0,303
CHR5	17435138	CHR5:17435138	SSF x Far_LoA	-8,19160822	0,014	0,321
CHR5	17435195	CHR5:17435195	SSF x Far_LoA	-10,6517227	0,056	0,297
CHR5	17435294	CHR5:17435294	SSF x Far_LoA	-9,80586272	-0,073	0,309
CHR5	17440479	CHR5:17440479	SSF x Far_LoA	-9,82048211	0,002	0,301
CHR5	17440667	CHR5:17440667	SSF x Far_LoA	-10,0145251	0,058	0,306
CHR5	17454573	CHR5:17454573	SSF x Far_LoA	-8,70882015	-0,036	0,286
CHR5	17467738	CHR5:17467738	SSF x Far_LoA	-4,85231449	-0,003	0,303
CHR5	17467761	CHR5:17467761	SSF x Far_LoA	-10,2107371	-0,006	0,311
CHR5	17478628	CHR5:17478628	SSF x Far_LoA	-12,1616121	0,008	0,303
CHR5	17490597	CHR5:17490597	SSF x Far_LoA	-8,20637117	0,139	0,313
CHR5	17490761	CHR5:17490761	SSF x Far_LoA	-8,27444015	-0,088	0,296
CHR5	17492972	CHR5:17492972	SSF x Far_LoA	-8,34768986	0,057	0,316
CHR5	17493042	CHR5:17493042	SSF x Far_LoA	-9,20521921	0,111	0,292
CHR5	17498787	CHR5:17498787	SSF x Far_LoA	-9,75863112	-0,115	0,302
CHR5	17498838	CHR5:17498838	SSF x Far_LoA	-8,87319659	-0,012	0,303
CHR5	17504787	CHR5:17504787	SSF x Far_LoA	-10,2910362	0,128	0,300
CHR5	17505050	CHR5:17505050	SSF x Far_LoA	-11,6643729	-0,033	0,307
CHR5	17514407	CHR5:17514407	SSF x Far_LoA	-8,36865209	-0,078	0,298
CHR5	17514492	CHR5:17514492	SSF x Far_LoA	-9,27395962	-0,009	0,317
CHR5	17514516	CHR5:17514516	SSF x Far_LoA	-6,68037621	-0,077	0,306
CHR5	17524825	CHR5:17524825	SSF x Far_LoA	-9,08516896	0,090	0,308
CHR5	17524828	CHR5:17524828	SSF x Far_LoA	-10,5303958	-0,077	0,298
CHR5	17524870	CHR5:17524870	SSF x Far_LoA	-10,7914571	-0,006	0,305
CHR5	17524895	CHR5:17524895	SSF x Far_LoA	-9,61635865	0,015	0,319
CHR5	17524929	CHR5:17524929	SSF x Far_LoA	-10,0872219	-0,041	0,307
CHR5	17524965	CHR5:17524965	SSF x Far_LoA	-10,2464029	-0,029	0,300
CHR5	17528341	CHR5:17528341	SSF x Far_LoA	-3,91545986	-0,151	0,307
CHR5	17528342	CHR5:17528342	SSF x Far_LoA	-6,56816088	-0,143	0,299
CHR5	17528347	CHR5:17528347	SSF x Far_LoA	-8,82731023	-0,118	0,295
CHR5	17528412	CHR5:17528412	SSF x Far_LoA	-2,64097011	-0,170	0,302
CHR5	17528419	CHR5:17528419	SSF x Far_LoA	-11,4746558	-0,034	0,309
CHR5	17529134	CHR5:17529134	SSF x Far_LoA	-8,46815667	0,092	0,308
CHR5	17542933	CHR5:17542933	SSF x Far_LoA	-9,66285416	0,007	0,282
CHR5	17543001	CHR5:17543001	SSF x Far_LoA	-7,35601125	0,001	0,308
CHR5	17543035	CHR5:17543035	SSF x Far_LoA	-8,83177361	-0,031	0,305
CHR5	17543042	CHR5:17543042	SSF x Far_LoA	-9,28883302	0,149	0,305
CHR5	17543045	CHR5:17543045	SSF x Far_LoA	-10,8010658	0,034	0,302
CHR5	17543180	CHR5:17543180	SSF x Far_LoA	-9,18020749	-0,009	0,312
CHR5	17554748	CHR5:17554748	SSF x Far_LoA	-11,2773857	-0,066	0,299
CHR5	17554878	CHR5:17554878	SSF x Far_LoA	-9,31520763	-0,027	0,325
CHR5	17554925	CHR5:17554925	SSF x Far_LoA	-7,5077846	-0,050	0,318
CHR5	17554929	CHR5:17554929	SSF x Far_LoA	-8,73983	0,047	0,285
CHR5	17561516	CHR5:17561516	SSF x Far_LoA	-9,45162061	-0,067	0,307
CHR5	17561518	CHR5:17561518	SSF x Far_LoA	-4,1260564	0,053	0,320

CHR5	17561546	CHR5:17561546	SSF x Far_LoA	-11,3736904	0,078	0,311
CHR5	17561599	CHR5:17561599	SSF x Far_LoA	-7,5459213	0,106	0,302
CHR5	17561676	CHR5:17561676	SSF x Far_LoA	-11,651783	0,020	0,302
CHR5	17564269	CHR5:17564269	SSF x Far_LoA	-10,0304794	-0,023	0,320
CHR5	17564397	CHR5:17564397	SSF x Far_LoA	-8,4761617	0,020	0,316
CHR5	17564433	CHR5:17564433	SSF x Far_LoA	-9,2838967	0,069	0,310
CHR5	1756749	CHR5:1756749	SSF x Far_LoA	-8,37486336	-0,026	0,306
CHR5	1756785	CHR5:1756785	SSF x Far_LoA	-8,10010705	0,114	0,301
CHR5	1756786	CHR5:1756786	SSF x Far_LoA	-10,3621786	-0,007	0,307
CHR5	1756840	CHR5:1756840	SSF x Far_LoA	-7,50213591	0,030	0,306
CHR5	1756893	CHR5:1756893	SSF x Far_LoA	3,15175965	0,140	0,292
CHR5	17569033	CHR5:17569033	SSF x Far_LoA	-10,6773687	-0,017	0,309
CHR5	17569062	CHR5:17569062	SSF x Far_LoA	-11,2801316	-0,053	0,300
CHR5	17569092	CHR5:17569092	SSF x Far_LoA	-7,02144452	0,128	0,289
CHR5	17569099	CHR5:17569099	SSF x Far_LoA	-7,66047158	0,095	0,298
CHR5	17569118	CHR5:17569118	SSF x Far_LoA	-9,3799373	-0,068	0,318
CHR5	17569131	CHR5:17569131	SSF x Far_LoA	-8,46312196	-0,041	0,306
CHR5	17569148	CHR5:17569148	SSF x Far_LoA	-9,01404925	-0,054	0,316
CHR5	17569151	CHR5:17569151	SSF x Far_LoA	-9,41825557	-0,034	0,308
CHR5	17578663	CHR5:17578663	SSF x Far_LoA	-9,79776644	-0,054	0,309
CHR5	17578690	CHR5:17578690	SSF x Far_LoA	-5,3035872	-0,190	0,300
CHR5	17578692	CHR5:17578692	SSF x Far_LoA	-5,66943265	-0,210	0,305
CHR5	17586206	CHR5:17586206	SSF x Far_LoA	-6,63040455	-0,055	0,304
CHR5	17586243	CHR5:17586243	SSF x Far_LoA	-9,29282658	0,019	0,294
CHR5	17586268	CHR5:17586268	SSF x Far_LoA	-8,87887244	0,039	0,303
CHR5	17586270	CHR5:17586270	SSF x Far_LoA	-8,80885021	0,042	0,310
CHR5	17586284	CHR5:17586284	SSF x Far_LoA	-9,54611935	0,017	0,309
CHR5	17586408	CHR5:17586408	SSF x Far_LoA	-6,39192359	0,134	0,307
CHR5	1759106	CHR5:1759106	SSF x Far_LoA	-6,37022697	-0,155	0,297
CHR5	1759127	CHR5:1759127	SSF x Far_LoA	-4,3403216	-0,049	0,319
CHR5	17592600	CHR5:17592600	SSF x Far_LoA	-9,41114384	0,055	0,316
CHR5	17594978	CHR5:17594978	SSF x Far_LoA	-11,5058102	0,008	0,312
CHR5	17594999	CHR5:17594999	SSF x Far_LoA	-8,87782679	-0,046	0,317
CHR5	17595636	CHR5:17595636	SSF x Far_LoA	-11,5461743	0,009	0,307
CHR5	17595654	CHR5:17595654	SSF x Far_LoA	-10,3704866	-0,036	0,319
CHR5	17595732	CHR5:17595732	SSF x Far_LoA	-6,30827333	-0,066	0,305
CHR5	17595737	CHR5:17595737	SSF x Far_LoA	-10,8884915	-0,008	0,312
CHR5	17595777	CHR5:17595777	SSF x Far_LoA	-8,63006242	-0,134	0,307
CHR5	17603111	CHR5:17603111	SSF x Far_LoA	-10,3522739	0,073	0,316
CHR5	17603170	CHR5:17603170	SSF x Far_LoA	-4,92594748	-0,081	0,316
CHR5	17603289	CHR5:17603289	SSF x Far_LoA	-9,9290396	0,033	0,304
CHR5	17603348	CHR5:17603348	SSF x Far_LoA	-9,89067261	-0,015	0,302
CHR5	17603402	CHR5:17603402	SSF x Far_LoA	-9,00288001	-0,012	0,303
CHR5	17603403	CHR5:17603403	SSF x Far_LoA	-9,50126882	0,023	0,307
CHR5	17605221	CHR5:17605221	SSF x Far_LoA	-8,66779711	0,024	0,303
CHR5	17622029	CHR5:17622029	SSF x Far_LoA	-9,60619315	0,073	0,305
CHR5	17622037	CHR5:17622037	SSF x Far_LoA	-9,60666641	0,110	0,300
CHR5	17622120	CHR5:17622120	SSF x Far_LoA	-8,25159756	0,040	0,320
CHR5	17622150	CHR5:17622150	SSF x Far_LoA	-9,19834043	-0,026	0,306
CHR5	17622160	CHR5:17622160	SSF x Far_LoA	-10,1364258	-0,056	0,293
CHR5	17622165	CHR5:17622165	SSF x Far_LoA	-7,91881183	0,098	0,304
CHR5	17622205	CHR5:17622205	SSF x Far_LoA	-9,87915374	0,063	0,303
CHR5	17631505	CHR5:17631505	SSF x Far_LoA	-9,00372915	0,078	0,297

CHR5	17631513	CHR5:17631513	SSF x Far_LoA	-10,5898785	-0,093	0,298
CHR5	17631514	CHR5:17631514	SSF x Far_LoA	-6,16022242	-0,157	0,302
CHR5	17631543	CHR5:17631543	SSF x Far_LoA	-7,95069555	0,106	0,305
CHR5	17631588	CHR5:17631588	SSF x Far_LoA	-8,67892745	0,130	0,303
CHR5	17631607	CHR5:17631607	SSF x Far_LoA	-5,7353465	-0,189	0,285
CHR5	17650634	CHR5:17650634	SSF x Far_LoA	-8,92675154	-0,034	0,317
CHR5	17656114	CHR5:17656114	SSF x Far_LoA	-9,30606614	0,084	0,290
CHR5	17656129	CHR5:17656129	SSF x Far_LoA	-7,73700894	0,087	0,288
CHR5	17656149	CHR5:17656149	SSF x Far_LoA	-11,2105321	0,064	0,316
CHR5	17667046	CHR5:17667046	SSF x Far_LoA	-8,65081084	0,171	0,303
CHR5	17667156	CHR5:17667156	SSF x Far_LoA	-6,84044265	-0,009	0,300
CHR5	17667160	CHR5:17667160	SSF x Far_LoA	-2,32819662	0,164	0,293
CHR5	17667221	CHR5:17667221	SSF x Far_LoA	-7,81658129	0,080	0,292
CHR5	17667268	CHR5:17667268	SSF x Far_LoA	-7,68756188	0,048	0,295
CHR5	17667276	CHR5:17667276	SSF x Far_LoA	-11,725636	-0,010	0,313
CHR5	17683130	CHR5:17683130	SSF x Far_LoA	-8,98967154	0,086	0,312
CHR5	17683131	CHR5:17683131	SSF x Far_LoA	-1,1880728	-0,082	0,299
CHR5	17683160	CHR5:17683160	SSF x Far_LoA	-9,82992904	-0,014	0,293
CHR5	17683224	CHR5:17683224	SSF x Far_LoA	-8,92919261	0,066	0,309
CHR5	17683247	CHR5:17683247	SSF x Far_LoA	-8,89428167	0,041	0,310
CHR5	1768449	CHR5:1768449	SSF x Far_LoA	-10,8219379	0,071	0,308
CHR5	1768528	CHR5:1768528	SSF x Far_LoA	-9,05155786	-0,044	0,308
CHR5	17685517	CHR5:17685517	SSF x Far_LoA	-7,5043743	-0,174	0,304
CHR5	17685645	CHR5:17685645	SSF x Far_LoA	-7,2969259	0,177	0,296
CHR5	17688726	CHR5:17688726	SSF x Far_LoA	-8,23731424	0,092	0,302
CHR5	17689648	CHR5:17689648	SSF x Far_LoA	-11,8653796	-0,031	0,321
CHR5	17704292	CHR5:17704292	SSF x Far_LoA	-7,23376732	0,059	0,302
CHR5	17704326	CHR5:17704326	SSF x Far_LoA	-7,63356463	0,043	0,324
CHR5	17704386	CHR5:17704386	SSF x Far_LoA	-9,83376791	0,080	0,302
CHR5	17704435	CHR5:17704435	SSF x Far_LoA	-7,86669287	-0,147	0,299
CHR5	17704507	CHR5:17704507	SSF x Far_LoA	-9,20211344	-0,029	0,308
CHR5	17704511	CHR5:17704511	SSF x Far_LoA	-7,67971001	-0,150	0,309
CHR5	17708827	CHR5:17708827	SSF x Far_LoA	-9,5861783	0,018	0,315
CHR5	17708829	CHR5:17708829	SSF x Far_LoA	-10,2711546	-0,077	0,314
CHR5	17709808	CHR5:17709808	SSF x Far_LoA	-8,30976555	-0,094	0,308
CHR5	17709812	CHR5:17709812	SSF x Far_LoA	-9,46551435	-0,067	0,310
CHR5	17710419	CHR5:17710419	SSF x Far_LoA	-9,09967235	0,016	0,310
CHR5	17710469	CHR5:17710469	SSF x Far_LoA	-8,94915814	0,079	0,280
CHR5	17710489	CHR5:17710489	SSF x Far_LoA	-10,5687664	-0,003	0,309
CHR5	17710502	CHR5:17710502	SSF x Far_LoA	-6,908645	0,016	0,287
CHR5	17713474	CHR5:17713474	SSF x Far_LoA	-8,56259875	0,008	0,300
CHR5	17713551	CHR5:17713551	SSF x Far_LoA	-2,17587364	-0,008	0,313
CHR5	17715297	CHR5:17715297	SSF x Far_LoA	-6,17023434	0,005	0,309
CHR5	17717086	CHR5:17717086	SSF x Far_LoA	-10,8393906	-0,008	0,308
CHR5	17718867	CHR5:17718867	SSF x Far_LoA	-10,7659303	0,073	0,308
CHR5	1771942	CHR5:1771942	SSF x Far_LoA	3,36523915	-0,047	0,312
CHR5	17720731	CHR5:17720731	SSF x Far_LoA	-8,52854328	-0,018	0,302
CHR5	17720870	CHR5:17720870	SSF x Far_LoA	-7,19808983	-0,055	0,311
CHR5	17723610	CHR5:17723610	SSF x Far_LoA	-9,40395005	-0,032	0,303
CHR5	17727797	CHR5:17727797	SSF x Far_LoA	-9,65389226	-0,057	0,310
CHR5	17727877	CHR5:17727877	SSF x Far_LoA	-8,74687665	0,155	0,299
CHR5	17727908	CHR5:17727908	SSF x Far_LoA	-9,07383418	-0,078	0,317
CHR5	17727912	CHR5:17727912	SSF x Far_LoA	-9,2685884	0,007	0,311

CHR5	17727917	CHR5:17727917	SSF x Far_LoA	-9,40322251	0,098	0,300
CHR5	17735356	CHR5:17735356	SSF x Far_LoA	-11,1484871	-0,052	0,307
CHR5	17735388	CHR5:17735388	SSF x Far_LoA	-11,2932756	-0,054	0,318
CHR5	17735398	CHR5:17735398	SSF x Far_LoA	-6,56566926	-0,105	0,297
CHR5	17736287	CHR5:17736287	SSF x Far_LoA	-11,0147066	0,002	0,298
CHR5	17736313	CHR5:17736313	SSF x Far_LoA	-8,07920291	0,024	0,311
CHR5	17738871	CHR5:17738871	SSF x Far_LoA	-9,56509903	-0,043	0,291
CHR5	17738872	CHR5:17738872	SSF x Far_LoA	-10,5482585	-0,035	0,296
CHR5	17742504	CHR5:17742504	SSF x Far_LoA	-7,55595736	-0,069	0,309
CHR5	17742510	CHR5:17742510	SSF x Far_LoA	-10,4015072	-0,050	0,317
CHR5	17742511	CHR5:17742511	SSF x Far_LoA	-9,09750043	0,012	0,305
CHR5	17742532	CHR5:17742532	SSF x Far_LoA	-11,9867957	0,063	0,298
CHR5	17742665	CHR5:17742665	SSF x Far_LoA	-9,41045035	0,003	0,296
CHR5	17742719	CHR5:17742719	SSF x Far_LoA	-9,05708059	-0,021	0,298
CHR5	1774582	CHR5:1774582	SSF x Far_LoA	-2,99244831	-0,091	0,304
CHR5	17753670	CHR5:17753670	SSF x Far_LoA	-0,37500507	-0,070	0,298
CHR5	17760376	CHR5:17760376	SSF x Far_LoA	-11,9954383	0,042	0,297
CHR5	17760419	CHR5:17760419	SSF x Far_LoA	-10,9854413	-0,025	0,313
CHR5	17760584	CHR5:17760584	SSF x Far_LoA	-8,13050942	0,045	0,311
CHR5	17764478	CHR5:17764478	SSF x Far_LoA	-9,12462842	0,015	0,309
CHR5	17764559	CHR5:17764559	SSF x Far_LoA	-10,7864482	0,039	0,300
CHR5	17764597	CHR5:17764597	SSF x Far_LoA	-11,1909319	0,002	0,317
CHR5	17764605	CHR5:17764605	SSF x Far_LoA	-9,4814426	0,084	0,299
CHR5	17764642	CHR5:17764642	SSF x Far_LoA	-9,02777212	0,019	0,308
CHR5	17764649	CHR5:17764649	SSF x Far_LoA	-9,98177396	-0,052	0,309
CHR5	17772316	CHR5:17772316	SSF x Far_LoA	-7,54001631	-0,013	0,303
CHR5	17772351	CHR5:17772351	SSF x Far_LoA	-11,1523969	-0,031	0,305
CHR5	17772364	CHR5:17772364	SSF x Far_LoA	-11,5287137	0,067	0,305
CHR5	17772387	CHR5:17772387	SSF x Far_LoA	-9,47690656	0,004	0,306
CHR5	17772400	CHR5:17772400	SSF x Far_LoA	-10,8312629	-0,014	0,303
CHR5	17772405	CHR5:17772405	SSF x Far_LoA	-8,52759587	0,026	0,307
CHR5	17772412	CHR5:17772412	SSF x Far_LoA	-10,2891064	0,020	0,306
CHR5	17772418	CHR5:17772418	SSF x Far_LoA	-8,49637505	-0,127	0,283
CHR5	17772435	CHR5:17772435	SSF x Far_LoA	-9,57224985	0,035	0,303
CHR5	17772446	CHR5:17772446	SSF x Far_LoA	-9,24157372	0,007	0,297
CHR5	17772458	CHR5:17772458	SSF x Far_LoA	-3,61783375	-0,062	0,295
CHR5	17772478	CHR5:17772478	SSF x Far_LoA	-7,98446194	-0,003	0,317
CHR5	17772481	CHR5:17772481	SSF x Far_LoA	-11,4199737	0,027	0,301
CHR5	17772488	CHR5:17772488	SSF x Far_LoA	-6,49280759	0,076	0,321
CHR5	17772541	CHR5:17772541	SSF x Far_LoA	-8,62930785	-0,055	0,309
CHR5	17772543	CHR5:17772543	SSF x Far_LoA	-8,89667562	-0,036	0,314
CHR5	17777413	CHR5:17777413	SSF x Far_LoA	-9,64842848	-0,002	0,303
CHR5	17777745	CHR5:17777745	SSF x Far_LoA	3,31649416	0,104	0,297
CHR5	1777823	CHR5:1777823	SSF x Far_LoA	-12,0007843	-0,021	0,312
CHR5	17779481	CHR5:17779481	SSF x Far_LoA	-8,3449061	-0,112	0,293
CHR5	1777956	CHR5:1777956	SSF x Far_LoA	-8,49160997	-0,038	0,322
CHR5	17784849	CHR5:17784849	SSF x Far_LoA	-12,46387	0,022	0,304
CHR5	17788554	CHR5:17788554	SSF x Far_LoA	-6,16993113	-0,106	0,303
CHR5	17788573	CHR5:17788573	SSF x Far_LoA	-9,74165943	-0,052	0,315
CHR5	17804501	CHR5:17804501	SSF x Far_LoA	-10,2075763	-0,073	0,308
CHR5	17804505	CHR5:17804505	SSF x Far_LoA	-0,70442371	-0,011	0,318
CHR5	17804541	CHR5:17804541	SSF x Far_LoA	-9,82438205	-0,012	0,317
CHR5	17804662	CHR5:17804662	SSF x Far_LoA	-10,5295034	0,029	0,312

CHR5	17804698	CHR5:17804698	SSF x Far_LoA	-8,54650494	0,154	0,291
CHR5	17814133	CHR5:17814133	SSF x Far_LoA	-10,9089562	0,041	0,308
CHR5	17832768	CHR5:17832768	SSF x Far_LoA	-9,5566532	0,036	0,298
CHR5	17832878	CHR5:17832878	SSF x Far_LoA	-9,64121277	0,108	0,282
CHR5	17832923	CHR5:17832923	SSF x Far_LoA	-11,2307354	0,060	0,302
CHR5	17834552	CHR5:17834552	SSF x Far_LoA	-12,3935575	0,046	0,294
CHR5	17834622	CHR5:17834622	SSF x Far_LoA	-10,1808231	0,059	0,305
CHR5	17834643	CHR5:17834643	SSF x Far_LoA	-6,84711748	0,012	0,325
CHR5	17834650	CHR5:17834650	SSF x Far_LoA	-10,6845398	-0,048	0,314
CHR5	17834655	CHR5:17834655	SSF x Far_LoA	-8,99912537	0,063	0,316
CHR5	17834716	CHR5:17834716	SSF x Far_LoA	-10,0027052	0,111	0,309
CHR5	17834727	CHR5:17834727	SSF x Far_LoA	-9,41522398	-0,063	0,303
CHR5	17841561	CHR5:17841561	SSF x Far_LoA	-10,3604274	0,015	0,315
CHR5	17841705	CHR5:17841705	SSF x Far_LoA	-8,88896842	-0,014	0,309
CHR5	17841774	CHR5:17841774	SSF x Far_LoA	-9,00768164	0,083	0,313
CHR5	17841775	CHR5:17841775	SSF x Far_LoA	-8,96227417	-0,086	0,300
CHR5	17847658	CHR5:17847658	SSF x Far_LoA	-9,52869905	-0,024	0,304
CHR5	17850594	CHR5:17850594	SSF x Far_LoA	-9,29018466	0,048	0,295
CHR5	17850598	CHR5:17850598	SSF x Far_LoA	-9,06065746	0,027	0,313
CHR5	17850617	CHR5:17850617	SSF x Far_LoA	-7,85007654	-0,084	0,317
CHR5	1785499	CHR5:1785499	SSF x Far_LoA	-11,9041239	-0,053	0,310
CHR5	17865296	CHR5:17865296	SSF x Far_LoA	-10,7838162	-0,006	0,301
CHR5	17865304	CHR5:17865304	SSF x Far_LoA	-10,5294342	-0,015	0,306
CHR5	17865314	CHR5:17865314	SSF x Far_LoA	-10,8647083	-0,006	0,301
CHR5	17865419	CHR5:17865419	SSF x Far_LoA	-8,31970354	0,083	0,301
CHR5	17876807	CHR5:17876807	SSF x Far_LoA	-8,57415357	-0,082	0,312
CHR5	17876937	CHR5:17876937	SSF x Far_LoA	-11,133848	-0,073	0,309
CHR5	17879814	CHR5:17879814	SSF x Far_LoA	-9,43904418	-0,041	0,304
CHR5	17879818	CHR5:17879818	SSF x Far_LoA	-9,19945042	-0,058	0,303
CHR5	17884844	CHR5:17884844	SSF x Far_LoA	-11,1435323	-0,024	0,313
CHR5	17902633	CHR5:17902633	SSF x Far_LoA	-8,52974842	0,018	0,314
CHR5	17902707	CHR5:17902707	SSF x Far_LoA	-8,61728207	-0,036	0,309
CHR5	17912816	CHR5:17912816	SSF x Far_LoA	-9,07120447	-0,036	0,309
CHR5	17912855	CHR5:17912855	SSF x Far_LoA	-8,20085074	-0,059	0,304
CHR5	17912947	CHR5:17912947	SSF x Far_LoA	-11,3532166	0,074	0,292
CHR5	17913007	CHR5:17913007	SSF x Far_LoA	-0,1128614	0,051	0,308
CHR5	17914366	CHR5:17914366	SSF x Far_LoA	-10,5614225	-0,030	0,310
CHR5	17915611	CHR5:17915611	SSF x Far_LoA	-9,06653399	-0,016	0,312
CHR5	17915662	CHR5:17915662	SSF x Far_LoA	-10,313214	-0,082	0,320
CHR5	17915663	CHR5:17915663	SSF x Far_LoA	-0,27374926	-0,093	0,311
CHR5	17915666	CHR5:17915666	SSF x Far_LoA	-7,10054842	-0,139	0,301
CHR5	17919383	CHR5:17919383	SSF x Far_LoA	-9,9586805	0,089	0,299
CHR5	17927110	CHR5:17927110	SSF x Far_LoA	-10,9979346	0,062	0,299
CHR5	17930311	CHR5:17930311	SSF x Far_LoA	-11,3153127	0,028	0,302
CHR5	17930429	CHR5:17930429	SSF x Far_LoA	-8,9375316	0,048	0,292
CHR5	17930491	CHR5:17930491	SSF x Far_LoA	-8,37331349	0,087	0,310
CHR5	17941672	CHR5:17941672	SSF x Far_LoA	-10,1724471	0,085	0,305
CHR5	17941729	CHR5:17941729	SSF x Far_LoA	-9,24015934	0,073	0,300
CHR5	17942006	CHR5:17942006	SSF x Far_LoA	-5,68086762	0,064	0,307
CHR5	17959049	CHR5:17959049	SSF x Far_LoA	-9,11144319	-0,077	0,307
CHR5	17959191	CHR5:17959191	SSF x Far_LoA	-8,26990425	-0,151	0,314
CHR5	17965561	CHR5:17965561	SSF x Far_LoA	-9,27399127	0,090	0,306
CHR5	17965568	CHR5:17965568	SSF x Far_LoA	-9,54906502	-0,007	0,317

CHR5	17965581	CHR5:17965581	SSF x Far_LoA	-10,7279792	0,099	0,304
CHR5	17965614	CHR5:17965614	SSF x Far_LoA	-9,28144079	0,131	0,303
CHR5	17965626	CHR5:17965626	SSF x Far_LoA	-10,6243346	-0,015	0,309
CHR5	17965647	CHR5:17965647	SSF x Far_LoA	-11,2598107	0,007	0,309
CHR5	17965669	CHR5:17965669	SSF x Far_LoA	-4,88087579	-0,099	0,299
CHR5	17965705	CHR5:17965705	SSF x Far_LoA	-6,64401362	0,118	0,299
CHR5	17968397	CHR5:17968397	SSF x Far_LoA	-1,32593247	0,089	0,316
CHR5	17968430	CHR5:17968430	SSF x Far_LoA	-9,25346675	-0,110	0,297
CHR5	17968467	CHR5:17968467	SSF x Far_LoA	-9,29990851	-0,094	0,312
CHR5	17974024	CHR5:17974024	SSF x Far_LoA	-10,085575	0,114	0,302
CHR5	17974185	CHR5:17974185	SSF x Far_LoA	-8,36859589	0,165	0,297
CHR5	17974315	CHR5:17974315	SSF x Far_LoA	-5,04257935	0,203	0,266
CHR5	17980477	CHR5:17980477	SSF x Far_LoA	-10,8052507	-0,032	0,301
CHR5	17980516	CHR5:17980516	SSF x Far_LoA	-10,09252	0,079	0,312
CHR5	17981723	CHR5:17981723	SSF x Far_LoA	-9,78843057	-0,025	0,294
CHR5	17981754	CHR5:17981754	SSF x Far_LoA	-11,4010494	-0,022	0,292
CHR5	17981804	CHR5:17981804	SSF x Far_LoA	-9,5991095	0,096	0,307
CHR5	17983278	CHR5:17983278	SSF x Far_LoA	-11,095052	-0,010	0,300
CHR5	17983279	CHR5:17983279	SSF x Far_LoA	-6,12551328	-0,171	0,298
CHR5	17991855	CHR5:17991855	SSF x Far_LoA	-11,3393547	-0,017	0,309
CHR5	17992015	CHR5:17992015	SSF x Far_LoA	-9,7079698	0,042	0,295
CHR5	17999115	CHR5:17999115	SSF x Far_LoA	-8,54312495	-0,030	0,307
CHR5	17999121	CHR5:17999121	SSF x Far_LoA	-8,58493462	-0,036	0,307
CHR5	17999189	CHR5:17999189	SSF x Far_LoA	-7,87532412	0,007	0,319
CHR5	17999202	CHR5:17999202	SSF x Far_LoA	-11,0276212	0,006	0,303
CHR5	18001100	CHR5:18001100	SSF x Far_LoA	-9,1410338	-0,104	0,318
CHR5	18001160	CHR5:18001160	SSF x Far_LoA	-11,3425162	-0,011	0,305
CHR5	18001161	CHR5:18001161	SSF x Far_LoA	-11,2378938	-0,027	0,299
CHR5	18017862	CHR5:18017862	SSF x Far_LoA	-7,82086895	-0,101	0,292
CHR5	18022618	CHR5:18022618	SSF x Far_LoA	-8,99757855	-0,046	0,295
CHR5	18022662	CHR5:18022662	SSF x Far_LoA	-10,2793217	0,025	0,306
CHR5	18022718	CHR5:18022718	SSF x Far_LoA	-11,6528636	-0,018	0,304
CHR5	18023379	CHR5:18023379	SSF x Far_LoA	-10,5095969	0,016	0,302
CHR5	18023453	CHR5:18023453	SSF x Far_LoA	-11,5733485	0,015	0,307
CHR5	18023488	CHR5:18023488	SSF x Far_LoA	-7,83753749	0,143	0,299
CHR5	18024286	CHR5:18024286	SSF x Far_LoA	-6,74067762	0,020	0,323
CHR5	18024502	CHR5:18024502	SSF x Far_LoA	-11,8709661	0,008	0,284
CHR5	18024525	CHR5:18024525	SSF x Far_LoA	-9,13464858	-0,110	0,306
CHR5	18034690	CHR5:18034690	SSF x Far_LoA	-9,21294161	0,006	0,300
CHR5	18034719	CHR5:18034719	SSF x Far_LoA	-8,23978892	-0,028	0,310
CHR5	18034777	CHR5:18034777	SSF x Far_LoA	-6,27435771	0,033	0,317
CHR5	18034811	CHR5:18034811	SSF x Far_LoA	-6,25840913	-0,045	0,322
CHR5	18043633	CHR5:18043633	SSF x Far_LoA	-9,52762861	-0,079	0,274
CHR5	18043682	CHR5:18043682	SSF x Far_LoA	-6,98099426	0,072	0,303
CHR5	18043744	CHR5:18043744	SSF x Far_LoA	-10,9789967	0,085	0,305
CHR5	18043777	CHR5:18043777	SSF x Far_LoA	-8,46484943	0,000	0,299
CHR5	1805376	CHR5:1805376	SSF x Far_LoA	-10,2416087	0,005	0,321
CHR5	18058610	CHR5:18058610	SSF x Far_LoA	-12,0788103	0,015	0,315
CHR5	18068472	CHR5:18068472	SSF x Far_LoA	-9,06049323	-0,040	0,310
CHR5	18068513	CHR5:18068513	SSF x Far_LoA	-8,90018979	0,069	0,304
CHR5	18068696	CHR5:18068696	SSF x Far_LoA	-10,3186409	0,149	0,297
CHR5	18074301	CHR5:18074301	SSF x Far_LoA	-8,18460612	0,109	0,294
CHR5	18075679	CHR5:18075679	SSF x Far_LoA	-11,0964523	-0,041	0,314

CHR5	18075725	CHR5:18075725	SSF x Far_LoA	-8,97377683	0,104	0,307
CHR5	18075770	CHR5:18075770	SSF x Far_LoA	-9,57595557	0,079	0,309
CHR5	18075895	CHR5:18075895	SSF x Far_LoA	-10,2238578	0,113	0,297
CHR5	18083249	CHR5:18083249	SSF x Far_LoA	-9,0980949	0,057	0,290
CHR5	18097340	CHR5:18097340	SSF x Far_LoA	-10,1503851	0,028	0,318
CHR5	18105768	CHR5:18105768	SSF x Far_LoA	-9,56273716	0,011	0,311
CHR5	18105822	CHR5:18105822	SSF x Far_LoA	-10,9465412	-0,075	0,307
CHR5	18105862	CHR5:18105862	SSF x Far_LoA	-8,96112781	0,007	0,312
CHR5	18105926	CHR5:18105926	SSF x Far_LoA	-7,56586057	-0,050	0,301
CHR5	18120008	CHR5:18120008	SSF x Far_LoA	-12,4943116	-0,009	0,287
CHR5	18128493	CHR5:18128493	SSF x Far_LoA	-8,94475194	-0,024	0,313
CHR5	18128530	CHR5:18128530	SSF x Far_LoA	-7,12620556	0,020	0,310
CHR5	18128554	CHR5:18128554	SSF x Far_LoA	-9,25856552	-0,040	0,312
CHR5	18128651	CHR5:18128651	SSF x Far_LoA	-10,5197039	-0,010	0,313
CHR5	18138558	CHR5:18138558	SSF x Far_LoA	-9,28919028	0,041	0,306
CHR5	18150270	CHR5:18150270	SSF x Far_LoA	-8,40141038	-0,085	0,293
CHR5	18150361	CHR5:18150361	SSF x Far_LoA	-8,79380257	-0,037	0,290
CHR5	18161984	CHR5:18161984	SSF x Far_LoA	-10,6793848	0,015	0,311
CHR5	18162091	CHR5:18162091	SSF x Far_LoA	-5,70861218	0,182	0,298
CHR5	18162093	CHR5:18162093	SSF x Far_LoA	-4,7305678	0,166	0,306
CHR5	18162102	CHR5:18162102	SSF x Far_LoA	-6,32395388	0,185	0,294
CHR5	18162127	CHR5:18162127	SSF x Far_LoA	-8,76646907	-0,039	0,308
CHR5	18162141	CHR5:18162141	SSF x Far_LoA	-7,73122768	0,139	0,296
CHR5	18162213	CHR5:18162213	SSF x Far_LoA	-8,66440669	0,131	0,286
CHR5	18162234	CHR5:18162234	SSF x Far_LoA	-8,96636074	0,115	0,299
CHR5	18162238	CHR5:18162238	SSF x Far_LoA	-4,51208781	0,166	0,297
CHR5	18162252	CHR5:18162252	SSF x Far_LoA	-7,21896798	-0,121	0,304
CHR5	18187887	CHR5:18187887	SSF x Far_LoA	-6,00866252	0,125	0,310
CHR5	18190912	CHR5:18190912	SSF x Far_LoA	-10,955759	0,013	0,297
CHR5	18190924	CHR5:18190924	SSF x Far_LoA	-11,509065	0,007	0,300
CHR5	18190959	CHR5:18190959	SSF x Far_LoA	-11,7336339	0,001	0,305
CHR5	18191037	CHR5:18191037	SSF x Far_LoA	-8,68680533	0,070	0,307
CHR5	18193285	CHR5:18193285	SSF x Far_LoA	-11,0634423	-0,022	0,311
CHR5	18193309	CHR5:18193309	SSF x Far_LoA	-5,58797167	0,005	0,291
CHR5	18200356	CHR5:18200356	SSF x Far_LoA	-10,6588471	0,030	0,289
CHR5	18202735	CHR5:18202735	SSF x Far_LoA	-7,98216731	0,075	0,317
CHR5	18202797	CHR5:18202797	SSF x Far_LoA	-11,3665665	-0,019	0,311
CHR5	18204206	CHR5:18204206	SSF x Far_LoA	-10,3404444	-0,037	0,308
CHR5	18204437	CHR5:18204437	SSF x Far_LoA	-3,5005216	-0,140	0,304
CHR5	18215577	CHR5:18215577	SSF x Far_LoA	-11,2921327	-0,004	0,304
CHR5	18217987	CHR5:18217987	SSF x Far_LoA	-10,0873887	-0,038	0,310
CHR5	18218100	CHR5:18218100	SSF x Far_LoA	-9,30257314	0,014	0,320
CHR5	18218113	CHR5:18218113	SSF x Far_LoA	-9,06798069	-0,019	0,303
CHR5	18218115	CHR5:18218115	SSF x Far_LoA	-10,6807331	0,006	0,309
CHR5	18218121	CHR5:18218121	SSF x Far_LoA	-12,5916537	0,011	0,304
CHR5	18218161	CHR5:18218161	SSF x Far_LoA	-9,38085543	0,014	0,303
CHR5	18222208	CHR5:18222208	SSF x Far_LoA	-10,4012689	0,028	0,309
CHR5	18222244	CHR5:18222244	SSF x Far_LoA	-9,11130516	0,001	0,317
CHR5	18228185	CHR5:18228185	SSF x Far_LoA	-8,52356271	0,112	0,305
CHR5	18228255	CHR5:18228255	SSF x Far_LoA	-9,75175424	0,033	0,311
CHR5	18228267	CHR5:18228267	SSF x Far_LoA	-3,57219973	0,048	0,300
CHR5	18234327	CHR5:18234327	SSF x Far_LoA	-9,41866378	0,140	0,296
CHR5	18234355	CHR5:18234355	SSF x Far_LoA	-5,08149838	0,008	0,310

CHR5	18234383	CHR5:18234383	SSF x Far_LoA	-6,8258707	-0,083	0,317
CHR5	18234473	CHR5:18234473	SSF x Far_LoA	-9,55701294	-0,005	0,308
CHR5	18239237	CHR5:18239237	SSF x Far_LoA	-8,62927115	0,051	0,321
CHR5	18239238	CHR5:18239238	SSF x Far_LoA	-10,2056302	0,042	0,312
CHR5	18245694	CHR5:18245694	SSF x Far_LoA	-4,7418124	0,124	0,312
CHR5	18245876	CHR5:18245876	SSF x Far_LoA	-9,50663437	-0,137	0,299
CHR5	18248434	CHR5:18248434	SSF x Far_LoA	-5,11321605	-0,073	0,310
CHR5	18253318	CHR5:18253318	SSF x Far_LoA	-8,37522944	0,043	0,321
CHR5	18253326	CHR5:18253326	SSF x Far_LoA	-10,3415019	0,047	0,303
CHR5	18253336	CHR5:18253336	SSF x Far_LoA	-9,11150313	0,036	0,313
CHR5	18253355	CHR5:18253355	SSF x Far_LoA	-7,58073377	0,121	0,309
CHR5	18253358	CHR5:18253358	SSF x Far_LoA	-11,0919815	0,024	0,308
CHR5	18253400	CHR5:18253400	SSF x Far_LoA	-10,0469246	-0,001	0,309
CHR5	18260157	CHR5:18260157	SSF x Far_LoA	-7,46372951	0,034	0,288
CHR5	18260435	CHR5:18260435	SSF x Far_LoA	-9,12701823	0,071	0,300
CHR5	18265578	CHR5:18265578	SSF x Far_LoA	-4,54126802	0,120	0,306
CHR5	18268262	CHR5:18268262	SSF x Far_LoA	-8,69975029	-0,096	0,307
CHR5	18268395	CHR5:18268395	SSF x Far_LoA	-7,29991513	0,039	0,304
CHR5	18271948	CHR5:18271948	SSF x Far_LoA	-10,2679123	-0,006	0,320
CHR5	18271949	CHR5:18271949	SSF x Far_LoA	-10,595817	0,081	0,310
CHR5	18271969	CHR5:18271969	SSF x Far_LoA	-9,45172397	-0,062	0,308
CHR5	18272031	CHR5:18272031	SSF x Far_LoA	-10,9683425	-0,001	0,295
CHR5	18278117	CHR5:18278117	SSF x Far_LoA	-11,3578193	-0,018	0,292
CHR5	18278154	CHR5:18278154	SSF x Far_LoA	-9,95202151	0,010	0,314
CHR5	18278323	CHR5:18278323	SSF x Far_LoA	-9,60051509	-0,095	0,311
CHR5	18278331	CHR5:18278331	SSF x Far_LoA	-9,83979779	-0,007	0,308
CHR5	18283476	CHR5:18283476	SSF x Far_LoA	-9,67911704	-0,123	0,298
CHR5	18299813	CHR5:18299813	SSF x Far_LoA	-7,62595563	-0,099	0,309
CHR5	18299814	CHR5:18299814	SSF x Far_LoA	-7,86259704	-0,103	0,305
CHR5	18299853	CHR5:18299853	SSF x Far_LoA	-9,65222197	-0,036	0,304
CHR5	18299896	CHR5:18299896	SSF x Far_LoA	-9,97638889	0,020	0,317
CHR5	18299966	CHR5:18299966	SSF x Far_LoA	-11,2765743	0,037	0,307
CHR5	1831180	CHR5:1831180	SSF x Far_LoA	-9,83609293	-0,096	0,298
CHR5	18340087	CHR5:18340087	SSF x Far_LoA	-8,28883092	0,026	0,318
CHR5	18340122	CHR5:18340122	SSF x Far_LoA	-10,7460522	0,048	0,291
CHR5	18340174	CHR5:18340174	SSF x Far_LoA	-10,9055569	-0,015	0,294
CHR5	18347014	CHR5:18347014	SSF x Far_LoA	-9,68076529	-0,074	0,316
CHR5	18376867	CHR5:18376867	SSF x Far_LoA	8,71988284	0,044	0,321
CHR5	18376870	CHR5:18376870	SSF x Far_LoA	-9,37183524	-0,027	0,296
CHR5	18376892	CHR5:18376892	SSF x Far_LoA	-9,42971186	-0,056	0,316
CHR5	18376944	CHR5:18376944	SSF x Far_LoA	-11,8782049	0,040	0,308
CHR5	18376966	CHR5:18376966	SSF x Far_LoA	-9,85979141	-0,107	0,304
CHR5	18376967	CHR5:18376967	SSF x Far_LoA	-10,2241815	-0,007	0,306
CHR5	18376976	CHR5:18376976	SSF x Far_LoA	-10,9354393	0,045	0,297
CHR5	18377014	CHR5:18377014	SSF x Far_LoA	-10,831244	-0,032	0,319
CHR5	18377025	CHR5:18377025	SSF x Far_LoA	-9,23263963	-0,061	0,313
CHR5	18377030	CHR5:18377030	SSF x Far_LoA	-9,33537135	-0,070	0,310
CHR5	18377032	CHR5:18377032	SSF x Far_LoA	-11,1275406	-0,094	0,306
CHR5	18377056	CHR5:18377056	SSF x Far_LoA	-10,4094474	-0,028	0,303
CHR5	18387889	CHR5:18387889	SSF x Far_LoA	-10,0030316	-0,018	0,302
CHR5	18388062	CHR5:18388062	SSF x Far_LoA	-8,92411549	0,054	0,316
CHR5	18388071	CHR5:18388071	SSF x Far_LoA	-10,4900601	0,015	0,307
CHR5	18394084	CHR5:18394084	SSF x Far_LoA	-10,0125177	-0,114	0,301

CHR5	18394098	CHR5:18394098	SSF x Far_LoA	-9,67402161	-0,096	0,292
CHR5	18394193	CHR5:18394193	SSF x Far_LoA	-8,3068225	0,102	0,300
CHR5	18408574	CHR5:18408574	SSF x Far_LoA	-10,7097169	0,064	0,304
CHR5	18431769	CHR5:18431769	SSF x Far_LoA	-10,7894809	-0,052	0,302
CHR5	18442506	CHR5:18442506	SSF x Far_LoA	-6,30368324	0,010	0,316
CHR5	18442561	CHR5:18442561	SSF x Far_LoA	-9,05051173	-0,042	0,313
CHR5	18442696	CHR5:18442696	SSF x Far_LoA	-9,86342084	0,059	0,297
CHR5	18445424	CHR5:18445424	SSF x Far_LoA	-10,7875568	-0,007	0,308
CHR5	18445462	CHR5:18445462	SSF x Far_LoA	-8,55641564	-0,079	0,310
CHR5	18445498	CHR5:18445498	SSF x Far_LoA	-11,0774451	-0,015	0,305
CHR5	18445500	CHR5:18445500	SSF x Far_LoA	-8,13085011	0,011	0,317
CHR5	18453752	CHR5:18453752	SSF x Far_LoA	-9,76880506	0,013	0,316
CHR5	18453756	CHR5:18453756	SSF x Far_LoA	4,49567316	-0,032	0,309
CHR5	18453801	CHR5:18453801	SSF x Far_LoA	-8,72061502	-0,071	0,310
CHR5	18453959	CHR5:18453959	SSF x Far_LoA	-7,93229624	0,061	0,312
CHR5	18453969	CHR5:18453969	SSF x Far_LoA	-11,2264352	-0,040	0,298
CHR5	18453978	CHR5:18453978	SSF x Far_LoA	-3,65807439	0,080	0,309
CHR5	18460333	CHR5:18460333	SSF x Far_LoA	-8,85861313	0,055	0,301
CHR5	18460390	CHR5:18460390	SSF x Far_LoA	-9,06453132	0,117	0,322
CHR5	18463906	CHR5:18463906	SSF x Far_LoA	-8,15411383	0,119	0,302
CHR5	18472585	CHR5:18472585	SSF x Far_LoA	-8,68001195	0,131	0,299
CHR5	18476069	CHR5:18476069	SSF x Far_LoA	-9,10758559	0,094	0,299
CHR5	18476075	CHR5:18476075	SSF x Far_LoA	-10,2528394	0,072	0,311
CHR5	18476144	CHR5:18476144	SSF x Far_LoA	-9,25976248	-0,046	0,313
CHR5	1847778	CHR5:1847778	SSF x Far_LoA	-9,3480429	-0,127	0,305
CHR5	1847883	CHR5:1847883	SSF x Far_LoA	-8,77430131	0,062	0,311
CHR5	18481104	CHR5:18481104	SSF x Far_LoA	-10,7476414	0,011	0,297
CHR5	18481136	CHR5:18481136	SSF x Far_LoA	-10,9629778	-0,031	0,304
CHR5	18481194	CHR5:18481194	SSF x Far_LoA	-11,4965318	0,027	0,296
CHR5	18489358	CHR5:18489358	SSF x Far_LoA	-10,4502394	0,005	0,305
CHR5	18492770	CHR5:18492770	SSF x Far_LoA	-9,86050328	0,081	0,312
CHR5	18492780	CHR5:18492780	SSF x Far_LoA	-9,4572645	0,092	0,305
CHR5	18502756	CHR5:18502756	SSF x Far_LoA	-9,67710113	0,032	0,290
CHR5	18502843	CHR5:18502843	SSF x Far_LoA	-8,12245946	0,125	0,299
CHR5	18502861	CHR5:18502861	SSF x Far_LoA	-10,2942525	0,081	0,302
CHR5	18504553	CHR5:18504553	SSF x Far_LoA	-10,0134859	0,040	0,310
CHR5	18504570	CHR5:18504570	SSF x Far_LoA	-7,78306779	-0,110	0,314
CHR5	18511933	CHR5:18511933	SSF x Far_LoA	-10,815943	0,022	0,309
CHR5	18512024	CHR5:18512024	SSF x Far_LoA	-8,09882504	0,007	0,313
CHR5	18512072	CHR5:18512072	SSF x Far_LoA	-9,45791571	0,039	0,312
CHR5	18557552	CHR5:18557552	SSF x Far_LoA	-8,98960263	0,015	0,299
CHR5	18564414	CHR5:18564414	SSF x Far_LoA	-9,54425926	0,123	0,299
CHR5	18575823	CHR5:18575823	SSF x Far_LoA	-9,63323122	-0,021	0,311
CHR5	18575826	CHR5:18575826	SSF x Far_LoA	-10,652291	0,013	0,316
CHR5	18575827	CHR5:18575827	SSF x Far_LoA	-9,02464271	0,035	0,299
CHR5	18575916	CHR5:18575916	SSF x Far_LoA	-10,1376886	-0,020	0,309
CHR5	18575932	CHR5:18575932	SSF x Far_LoA	-8,4782221	0,075	0,303
CHR5	18575954	CHR5:18575954	SSF x Far_LoA	-9,03636791	0,079	0,306
CHR5	18582208	CHR5:18582208	SSF x Far_LoA	-9,05803535	-0,027	0,302
CHR5	18582306	CHR5:18582306	SSF x Far_LoA	-9,15379603	-0,054	0,303
CHR5	1858871	CHR5:1858871	SSF x Far_LoA	-9,87768638	0,008	0,310
CHR5	18613865	CHR5:18613865	SSF x Far_LoA	-11,3909624	-0,001	0,325
CHR5	18624910	CHR5:18624910	SSF x Far_LoA	-8,80551771	-0,081	0,299

CHR5	18626020	CHR5:18626020	SSF x Far_LoA	-8,10305052	-0,118	0,313
CHR5	18627655	CHR5:18627655	SSF x Far_LoA	-9,20311795	-0,093	0,289
CHR5	18627688	CHR5:18627688	SSF x Far_LoA	-8,74765543	-0,056	0,326
CHR5	18627796	CHR5:18627796	SSF x Far_LoA	-9,71160954	0,025	0,305
CHR5	18627816	CHR5:18627816	SSF x Far_LoA	-8,9488592	0,088	0,304
CHR5	18627848	CHR5:18627848	SSF x Far_LoA	-9,67008435	0,074	0,300
CHR5	18643567	CHR5:18643567	SSF x Far_LoA	-9,91947243	-0,016	0,300
CHR5	18643570	CHR5:18643570	SSF x Far_LoA	-9,21971327	-0,037	0,298
CHR5	18643612	CHR5:18643612	SSF x Far_LoA	-8,33039085	-0,095	0,302
CHR5	18643618	CHR5:18643618	SSF x Far_LoA	-8,44465083	-0,074	0,304
CHR5	18643742	CHR5:18643742	SSF x Far_LoA	-10,9518348	0,066	0,310
CHR5	18652538	CHR5:18652538	SSF x Far_LoA	-7,29880211	0,050	0,305
CHR5	18653785	CHR5:18653785	SSF x Far_LoA	-8,07757129	0,065	0,306
CHR5	18653823	CHR5:18653823	SSF x Far_LoA	-10,5600585	0,083	0,295
CHR5	18653849	CHR5:18653849	SSF x Far_LoA	-10,1280281	0,076	0,314
CHR5	18657895	CHR5:18657895	SSF x Far_LoA	-7,31534566	-0,077	0,321
CHR5	18657992	CHR5:18657992	SSF x Far_LoA	-11,4464767	0,001	0,311
CHR5	18674863	CHR5:18674863	SSF x Far_LoA	-11,3713297	-0,106	0,302
CHR5	18674994	CHR5:18674994	SSF x Far_LoA	-8,79650346	-0,088	0,311
CHR5	18686296	CHR5:18686296	SSF x Far_LoA	-2,331822	0,027	0,304
CHR5	18686331	CHR5:18686331	SSF x Far_LoA	-11,7011518	-0,002	0,291
CHR5	18686337	CHR5:18686337	SSF x Far_LoA	-9,97662681	0,015	0,300
CHR5	18688123	CHR5:18688123	SSF x Far_LoA	-10,3410166	-0,128	0,303
CHR5	18688690	CHR5:18688690	SSF x Far_LoA	-8,47440918	-0,141	0,297
CHR5	18695220	CHR5:18695220	SSF x Far_LoA	-3,52518819	-0,144	0,308
CHR5	18732475	CHR5:18732475	SSF x Far_LoA	-8,32354244	0,027	0,319
CHR5	18732490	CHR5:18732490	SSF x Far_LoA	-10,3839165	-0,110	0,301
CHR5	18732520	CHR5:18732520	SSF x Far_LoA	-9,11099362	-0,118	0,300
CHR5	18754037	CHR5:18754037	SSF x Far_LoA	-9,86712876	-0,014	0,315
CHR5	18754056	CHR5:18754056	SSF x Far_LoA	-10,3140693	-0,129	0,303
CHR5	18765178	CHR5:18765178	SSF x Far_LoA	-11,0043055	0,001	0,318
CHR5	18765328	CHR5:18765328	SSF x Far_LoA	-12,1339813	-0,024	0,310
CHR5	18775119	CHR5:18775119	SSF x Far_LoA	-10,2424461	-0,079	0,304
CHR5	18792869	CHR5:18792869	SSF x Far_LoA	-8,03002659	0,053	0,309
CHR5	18792961	CHR5:18792961	SSF x Far_LoA	-8,95827928	-0,060	0,314
CHR5	18792980	CHR5:18792980	SSF x Far_LoA	-12,3429493	-0,025	0,299
CHR5	18793966	CHR5:18793966	SSF x Far_LoA	-6,86801911	0,040	0,315
CHR5	18814561	CHR5:18814561	SSF x Far_LoA	-10,3575441	0,022	0,307
CHR5	18834202	CHR5:18834202	SSF x Far_LoA	-10,8652335	0,007	0,314
CHR5	18834206	CHR5:18834206	SSF x Far_LoA	-9,01068838	0,061	0,310
CHR5	18834220	CHR5:18834220	SSF x Far_LoA	-9,90551059	0,032	0,318
CHR5	18834222	CHR5:18834222	SSF x Far_LoA	-11,0479077	-0,008	0,305
CHR5	18837904	CHR5:18837904	SSF x Far_LoA	-8,96117963	0,098	0,302
CHR5	18859760	CHR5:18859760	SSF x Far_LoA	-11,4015858	-0,055	0,308
CHR5	18859762	CHR5:18859762	SSF x Far_LoA	-10,6737239	-0,061	0,295
CHR5	18859778	CHR5:18859778	SSF x Far_LoA	-10,8394123	-0,079	0,308
CHR5	18859783	CHR5:18859783	SSF x Far_LoA	-11,169024	-0,057	0,305
CHR5	18863374	CHR5:18863374	SSF x Far_LoA	-11,2614816	-0,051	0,311
CHR5	18865286	CHR5:18865286	SSF x Far_LoA	-11,2953463	-0,052	0,314
CHR5	18865349	CHR5:18865349	SSF x Far_LoA	-10,4950867	-0,047	0,306
CHR5	18865353	CHR5:18865353	SSF x Far_LoA	-11,7964342	0,070	0,304
CHR5	18865398	CHR5:18865398	SSF x Far_LoA	-11,1277107	0,107	0,295
CHR5	18865408	CHR5:18865408	SSF x Far_LoA	-9,41504855	-0,050	0,290

CHR5	18865434	CHR5:18865434	SSF x Far_LoA	-9,07295616	0,117	0,317
CHR5	18867293	CHR5:18867293	SSF x Far_LoA	-9,12009893	0,045	0,313
CHR5	18867295	CHR5:18867295	SSF x Far_LoA	-9,63304247	0,149	0,292
CHR5	18867363	CHR5:18867363	SSF x Far_LoA	-8,87797749	0,138	0,289
CHR5	18867422	CHR5:18867422	SSF x Far_LoA	-10,9413479	-0,036	0,310
CHR5	18871403	CHR5:18871403	SSF x Far_LoA	-10,769914	0,010	0,309
CHR5	18871409	CHR5:18871409	SSF x Far_LoA	-2,12193902	0,155	0,287
CHR5	18871497	CHR5:18871497	SSF x Far_LoA	-9,89193298	-0,092	0,316
CHR5	18871560	CHR5:18871560	SSF x Far_LoA	-10,9937566	0,075	0,299
CHR5	18873064	CHR5:18873064	SSF x Far_LoA	-5,96274203	0,216	0,287
CHR5	18873086	CHR5:18873086	SSF x Far_LoA	-10,2685557	-0,062	0,302
CHR5	18873119	CHR5:18873119	SSF x Far_LoA	-8,10084004	-0,135	0,303
CHR5	18873164	CHR5:18873164	SSF x Far_LoA	-11,5507896	0,071	0,297
CHR5	18897719	CHR5:18897719	SSF x Far_LoA	-11,702386	-0,027	0,299
CHR5	18897811	CHR5:18897811	SSF x Far_LoA	-9,9627474	0,056	0,303
CHR5	18897826	CHR5:18897826	SSF x Far_LoA	-6,37891611	0,077	0,300
CHR5	18898915	CHR5:18898915	SSF x Far_LoA	-9,59356364	-0,041	0,303
CHR5	18898929	CHR5:18898929	SSF x Far_LoA	-10,9642708	0,083	0,300
CHR5	18898973	CHR5:18898973	SSF x Far_LoA	-10,7723315	-0,034	0,313
CHR5	18899167	CHR5:18899167	SSF x Far_LoA	-8,60632427	0,040	0,302
CHR5	18903821	CHR5:18903821	SSF x Far_LoA	-8,67395843	0,162	0,295
CHR5	18903900	CHR5:18903900	SSF x Far_LoA	-9,90789243	-0,025	0,293
CHR5	18903928	CHR5:18903928	SSF x Far_LoA	-11,4180787	0,094	0,308
CHR5	18910340	CHR5:18910340	SSF x Far_LoA	-7,51796434	-0,099	0,318
CHR5	18910352	CHR5:18910352	SSF x Far_LoA	-8,38076201	-0,080	0,307
CHR5	18910371	CHR5:18910371	SSF x Far_LoA	-9,22675783	0,077	0,311
CHR5	18910398	CHR5:18910398	SSF x Far_LoA	-8,90256466	-0,006	0,318
CHR5	18910412	CHR5:18910412	SSF x Far_LoA	-7,75472912	0,157	0,295
CHR5	18910434	CHR5:18910434	SSF x Far_LoA	-10,5717792	0,013	0,304
CHR5	18910443	CHR5:18910443	SSF x Far_LoA	-10,2230665	-0,105	0,300
CHR5	18941291	CHR5:18941291	SSF x Far_LoA	-3,96510005	-0,076	0,303
CHR5	18948906	CHR5:18948906	SSF x Far_LoA	-10,3239377	0,065	0,309
CHR5	18949001	CHR5:18949001	SSF x Far_LoA	-10,3040325	0,069	0,301
CHR5	18949095	CHR5:18949095	SSF x Far_LoA	-8,61524186	-0,167	0,293
CHR5	18952263	CHR5:18952263	SSF x Far_LoA	-9,01167399	0,044	0,309
CHR5	18952317	CHR5:18952317	SSF x Far_LoA	-8,94896666	0,046	0,305
CHR5	18952350	CHR5:18952350	SSF x Far_LoA	-5,45611943	0,147	0,294
CHR5	18964352	CHR5:18964352	SSF x Far_LoA	-10,0895005	0,138	0,287
CHR5	18966688	CHR5:18966688	SSF x Far_LoA	-5,16834675	0,189	0,284
CHR5	18966696	CHR5:18966696	SSF x Far_LoA	-9,14517985	-0,036	0,303
CHR5	18966803	CHR5:18966803	SSF x Far_LoA	-8,68000078	-0,169	0,309
CHR5	18966841	CHR5:18966841	SSF x Far_LoA	-9,7621061	-0,083	0,316
CHR5	18966855	CHR5:18966855	SSF x Far_LoA	-6,70685854	0,092	0,294
CHR5	18970081	CHR5:18970081	SSF x Far_LoA	-9,44722669	0,085	0,309
CHR5	18970200	CHR5:18970200	SSF x Far_LoA	0,58176437	0,080	0,319
CHR5	18970222	CHR5:18970222	SSF x Far_LoA	-10,6080981	0,022	0,309
CHR5	18970228	CHR5:18970228	SSF x Far_LoA	-8,45470749	-0,024	0,301
CHR5	18970248	CHR5:18970248	SSF x Far_LoA	-8,63940315	0,068	0,306
CHR5	18970263	CHR5:18970263	SSF x Far_LoA	-10,1484455	0,010	0,308
CHR5	18970271	CHR5:18970271	SSF x Far_LoA	-10,371663	-0,030	0,321
CHR5	18970340	CHR5:18970340	SSF x Far_LoA	-9,89157488	-0,031	0,304
CHR5	18971885	CHR5:18971885	SSF x Far_LoA	-8,05140582	0,020	0,315
CHR5	18971929	CHR5:18971929	SSF x Far_LoA	-8,2650066	-0,075	0,307

CHR5	18977741	CHR5:18977741	SSF x Far_LoA	-11,611656	-0,001	0,308
CHR5	18977862	CHR5:18977862	SSF x Far_LoA	-5,26906379	-0,122	0,295
CHR5	19009690	CHR5:19009690	SSF x Far_LoA	-8,59223199	-0,066	0,302
CHR5	19056329	CHR5:19056329	SSF x Far_LoA	-11,4734926	-0,026	0,300
CHR5	1906440	CHR5:1906440	SSF x Far_LoA	-8,87077362	0,107	0,299
CHR5	1906681	CHR5:1906681	SSF x Far_LoA	-10,9591764	0,061	0,289
CHR5	19069955	CHR5:19069955	SSF x Far_LoA	-10,2059132	0,088	0,313
CHR5	19072202	CHR5:19072202	SSF x Far_LoA	-10,035591	-0,010	0,309
CHR5	19073061	CHR5:19073061	SSF x Far_LoA	-10,5978951	-0,079	0,300
CHR5	19073115	CHR5:19073115	SSF x Far_LoA	-11,9546479	0,012	0,307
CHR5	19092958	CHR5:19092958	SSF x Far_LoA	-9,25479901	-0,105	0,304
CHR5	19092985	CHR5:19092985	SSF x Far_LoA	-8,44664058	-0,141	0,291
CHR5	19092993	CHR5:19092993	SSF x Far_LoA	-9,56755746	-0,005	0,302
CHR5	19092996	CHR5:19092996	SSF x Far_LoA	-8,14877834	-0,016	0,302
CHR5	19092999	CHR5:19092999	SSF x Far_LoA	-10,6896174	-0,119	0,301
CHR5	19093017	CHR5:19093017	SSF x Far_LoA	-8,67323551	-0,105	0,305
CHR5	19102881	CHR5:19102881	SSF x Far_LoA	-8,92676384	-0,043	0,330
CHR5	19102992	CHR5:19102992	SSF x Far_LoA	-9,19609313	-0,039	0,308
CHR5	19102998	CHR5:19102998	SSF x Far_LoA	-9,39995116	-0,024	0,310
CHR5	19103668	CHR5:19103668	SSF x Far_LoA	-7,42931957	0,078	0,313
CHR5	19103689	CHR5:19103689	SSF x Far_LoA	-7,64889032	0,031	0,322
CHR5	19103712	CHR5:19103712	SSF x Far_LoA	-8,307247	0,000	0,319
CHR5	19108901	CHR5:19108901	SSF x Far_LoA	-8,81041689	-0,088	0,295
CHR5	19109073	CHR5:19109073	SSF x Far_LoA	-10,3610146	-0,039	0,304
CHR5	19110484	CHR5:19110484	SSF x Far_LoA	-11,0449229	0,074	0,300
CHR5	19110597	CHR5:19110597	SSF x Far_LoA	-10,4188535	-0,012	0,304
CHR5	19110599	CHR5:19110599	SSF x Far_LoA	-9,97079805	0,045	0,311
CHR5	19110734	CHR5:19110734	SSF x Far_LoA	-9,16541997	0,058	0,301
CHR5	19117513	CHR5:19117513	SSF x Far_LoA	-8,81866947	-0,039	0,311
CHR5	19117583	CHR5:19117583	SSF x Far_LoA	-11,5518892	-0,042	0,294
CHR5	19117615	CHR5:19117615	SSF x Far_LoA	-10,6927232	-0,002	0,305
CHR5	19117621	CHR5:19117621	SSF x Far_LoA	-11,9286325	-0,009	0,300
CHR5	19117645	CHR5:19117645	SSF x Far_LoA	-11,1810765	-0,009	0,290
CHR5	19127688	CHR5:19127688	SSF x Far_LoA	-9,12072263	0,022	0,311
CHR5	19132642	CHR5:19132642	SSF x Far_LoA	-8,84557042	-0,074	0,303
CHR5	19132651	CHR5:19132651	SSF x Far_LoA	-8,21651778	-0,106	0,308
CHR5	19132655	CHR5:19132655	SSF x Far_LoA	-8,05375849	-0,108	0,308
CHR5	19132835	CHR5:19132835	SSF x Far_LoA	-8,08988069	-0,059	0,308
CHR5	19132846	CHR5:19132846	SSF x Far_LoA	-9,82657788	-0,016	0,305
CHR5	19132852	CHR5:19132852	SSF x Far_LoA	6,67916648	0,155	0,291
CHR5	19140602	CHR5:19140602	SSF x Far_LoA	-10,8249568	0,057	0,316
CHR5	19140785	CHR5:19140785	SSF x Far_LoA	-10,53277	0,113	0,294
CHR5	19148486	CHR5:19148486	SSF x Far_LoA	-10,8580049	0,030	0,304
CHR5	19148492	CHR5:19148492	SSF x Far_LoA	-8,13754282	-0,113	0,295
CHR5	19148518	CHR5:19148518	SSF x Far_LoA	-10,09049	-0,116	0,304
CHR5	19148522	CHR5:19148522	SSF x Far_LoA	-11,4393332	-0,014	0,314
CHR5	19148547	CHR5:19148547	SSF x Far_LoA	-11,7521398	0,018	0,300
CHR5	19148548	CHR5:19148548	SSF x Far_LoA	-8,05697052	-0,146	0,304
CHR5	19148550	CHR5:19148550	SSF x Far_LoA	-4,62745683	0,006	0,312
CHR5	19148574	CHR5:19148574	SSF x Far_LoA	-8,19656936	-0,094	0,308
CHR5	19155879	CHR5:19155879	SSF x Far_LoA	-9,52112653	0,118	0,313
CHR5	19160877	CHR5:19160877	SSF x Far_LoA	-10,8880804	0,049	0,311
CHR5	19161125	CHR5:19161125	SSF x Far_LoA	-8,80255746	0,169	0,303

CHR5	19176595	CHR5:19176595	SSF x Far_LoA	-10,9154047	0,011	0,309
CHR5	19176637	CHR5:19176637	SSF x Far_LoA	-8,37643654	-0,010	0,317
CHR5	19176668	CHR5:19176668	SSF x Far_LoA	-5,14888789	0,243	0,287
CHR5	19176861	CHR5:19176861	SSF x Far_LoA	-11,3664839	-0,054	0,317
CHR5	19178894	CHR5:19178894	SSF x Far_LoA	-9,32684993	-0,096	0,315
CHR5	1919711	CHR5:1919711	SSF x Far_LoA	-8,73658952	-0,035	0,312
CHR5	1919713	CHR5:1919713	SSF x Far_LoA	-3,81107877	0,155	0,285
CHR5	1919727	CHR5:1919727	SSF x Far_LoA	-9,84936228	-0,043	0,305
CHR5	1919756	CHR5:1919756	SSF x Far_LoA	-8,63263788	0,002	0,308
CHR5	1919815	CHR5:1919815	SSF x Far_LoA	-10,1538989	0,070	0,307
CHR5	19202919	CHR5:19202919	SSF x Far_LoA	-11,3024429	-0,010	0,294
CHR5	19202927	CHR5:19202927	SSF x Far_LoA	-11,0000422	0,062	0,299
CHR5	19203880	CHR5:19203880	SSF x Far_LoA	-9,67478085	0,012	0,304
CHR5	19203932	CHR5:19203932	SSF x Far_LoA	-9,816292	-0,036	0,297
CHR5	1920990	CHR5:1920990	SSF x Far_LoA	-8,12805371	0,128	0,294
CHR5	19219781	CHR5:19219781	SSF x Far_LoA	-9,00123859	0,066	0,292
CHR5	19219823	CHR5:19219823	SSF x Far_LoA	-10,5406211	-0,009	0,311
CHR5	19220230	CHR5:19220230	SSF x Far_LoA	-7,60923026	0,028	0,304
CHR5	19220250	CHR5:19220250	SSF x Far_LoA	-10,2817339	-0,020	0,314
CHR5	19220261	CHR5:19220261	SSF x Far_LoA	-10,4081632	0,051	0,298
CHR5	19222809	CHR5:19222809	SSF x Far_LoA	-9,21933815	0,001	0,310
CHR5	19222860	CHR5:19222860	SSF x Far_LoA	-7,6592519	-0,005	0,304
CHR5	19223058	CHR5:19223058	SSF x Far_LoA	-8,96115007	0,054	0,299
CHR5	19238638	CHR5:19238638	SSF x Far_LoA	-9,3442225	0,002	0,307
CHR5	19238645	CHR5:19238645	SSF x Far_LoA	-10,2128935	-0,103	0,308
CHR5	19238683	CHR5:19238683	SSF x Far_LoA	-6,7470744	0,212	0,287
CHR5	19238696	CHR5:19238696	SSF x Far_LoA	-9,48166614	-0,015	0,305
CHR5	19238698	CHR5:19238698	SSF x Far_LoA	-10,6706982	-0,024	0,312
CHR5	19238716	CHR5:19238716	SSF x Far_LoA	-8,84686185	-0,106	0,286
CHR5	19238724	CHR5:19238724	SSF x Far_LoA	-8,41158691	-0,090	0,301
CHR5	19238737	CHR5:19238737	SSF x Far_LoA	-6,42023086	-0,070	0,310
CHR5	19238740	CHR5:19238740	SSF x Far_LoA	-9,22046922	0,136	0,304
CHR5	19238775	CHR5:19238775	SSF x Far_LoA	-8,32790998	-0,084	0,303
CHR5	19238808	CHR5:19238808	SSF x Far_LoA	-9,64358482	0,039	0,308
CHR5	19238842	CHR5:19238842	SSF x Far_LoA	-9,43764193	-0,017	0,309
CHR5	19238843	CHR5:19238843	SSF x Far_LoA	-9,18057924	0,018	0,315
CHR5	19251098	CHR5:19251098	SSF x Far_LoA	-10,2551896	-0,068	0,298
CHR5	19251206	CHR5:19251206	SSF x Far_LoA	-9,19946946	0,033	0,303
CHR5	19251217	CHR5:19251217	SSF x Far_LoA	-4,68551	0,049	0,287
CHR5	1926249	CHR5:1926249	SSF x Far_LoA	-6,86991051	-0,135	0,300
CHR5	1926317	CHR5:1926317	SSF x Far_LoA	-1,03614347	0,099	0,311
CHR5	1926324	CHR5:1926324	SSF x Far_LoA	-10,3982432	0,092	0,294
CHR5	19263542	CHR5:19263542	SSF x Far_LoA	-9,20643884	-0,109	0,300
CHR5	19263671	CHR5:19263671	SSF x Far_LoA	-10,1752776	-0,099	0,300
CHR5	19263733	CHR5:19263733	SSF x Far_LoA	-6,07673658	-0,043	0,315
CHR5	19263752	CHR5:19263752	SSF x Far_LoA	-10,7065065	0,058	0,300
CHR5	19263762	CHR5:19263762	SSF x Far_LoA	1,26599422	-0,028	0,303
CHR5	1926408	CHR5:1926408	SSF x Far_LoA	-9,69354686	-0,015	0,304
CHR5	19266722	CHR5:19266722	SSF x Far_LoA	-11,2315245	0,012	0,312
CHR5	19267725	CHR5:19267725	SSF x Far_LoA	-9,52979921	-0,029	0,317
CHR5	19267733	CHR5:19267733	SSF x Far_LoA	-8,18953965	0,003	0,317
CHR5	19267754	CHR5:19267754	SSF x Far_LoA	-10,8117216	-0,089	0,299
CHR5	19267778	CHR5:19267778	SSF x Far_LoA	-9,88634465	0,016	0,312

CHR5	19267782	CHR5:19267782	SSF x Far_LoA	-9,65968843	0,006	0,315
CHR5	19267796	CHR5:19267796	SSF x Far_LoA	-5,75701248	0,067	0,319
CHR5	19267824	CHR5:19267824	SSF x Far_LoA	-12,1887365	-0,040	0,306
CHR5	19267832	CHR5:19267832	SSF x Far_LoA	-8,44095713	-0,097	0,321
CHR5	19267843	CHR5:19267843	SSF x Far_LoA	-9,97016309	-0,073	0,303
CHR5	19269891	CHR5:19269891	SSF x Far_LoA	-6,92236044	-0,103	0,295
CHR5	19269896	CHR5:19269896	SSF x Far_LoA	-8,29273675	-0,026	0,314
CHR5	19269912	CHR5:19269912	SSF x Far_LoA	-5,25498771	-0,151	0,287
CHR5	19269953	CHR5:19269953	SSF x Far_LoA	-7,36614575	0,165	0,303
CHR5	19290337	CHR5:19290337	SSF x Far_LoA	-11,7554326	-0,014	0,304
CHR5	19290349	CHR5:19290349	SSF x Far_LoA	-7,16494811	-0,161	0,286
CHR5	19290384	CHR5:19290384	SSF x Far_LoA	-7,40374362	-0,055	0,309
CHR5	19306064	CHR5:19306064	SSF x Far_LoA	-10,1414058	-0,019	0,319
CHR5	19306092	CHR5:19306092	SSF x Far_LoA	-9,13889926	-0,061	0,308
CHR5	19306383	CHR5:19306383	SSF x Far_LoA	-8,5292924	0,127	0,300
CHR5	19306401	CHR5:19306401	SSF x Far_LoA	-11,6217433	-0,001	0,305
CHR5	19306417	CHR5:19306417	SSF x Far_LoA	-9,35850777	0,033	0,310
CHR5	19306419	CHR5:19306419	SSF x Far_LoA	-9,12458603	0,095	0,311
CHR5	19306464	CHR5:19306464	SSF x Far_LoA	-8,20133443	-0,147	0,311
CHR5	19306478	CHR5:19306478	SSF x Far_LoA	-8,04305682	-0,057	0,313
CHR5	19306498	CHR5:19306498	SSF x Far_LoA	-8,82430326	0,008	0,318
CHR5	19306512	CHR5:19306512	SSF x Far_LoA	-5,24260364	-0,070	0,321
CHR5	19310859	CHR5:19310859	SSF x Far_LoA	-9,00727472	-0,002	0,316
CHR5	19310929	CHR5:19310929	SSF x Far_LoA	-7,99447346	0,205	0,285
CHR5	19310957	CHR5:19310957	SSF x Far_LoA	-11,1944476	-0,068	0,303
CHR5	19310968	CHR5:19310968	SSF x Far_LoA	-8,61752443	-0,077	0,300
CHR5	19320871	CHR5:19320871	SSF x Far_LoA	-8,87385108	0,030	0,309
CHR5	19320875	CHR5:19320875	SSF x Far_LoA	-10,2149446	0,031	0,308
CHR5	19320880	CHR5:19320880	SSF x Far_LoA	-10,8159465	-0,006	0,288
CHR5	19322240	CHR5:19322240	SSF x Far_LoA	-8,13086969	0,097	0,306
CHR5	19322289	CHR5:19322289	SSF x Far_LoA	-8,37376883	0,062	0,300
CHR5	19322291	CHR5:19322291	SSF x Far_LoA	-8,30753872	0,060	0,309
CHR5	19338307	CHR5:19338307	SSF x Far_LoA	-8,25021083	-0,122	0,298
CHR5	19338309	CHR5:19338309	SSF x Far_LoA	-8,67503999	0,000	0,313
CHR5	19338341	CHR5:19338341	SSF x Far_LoA	-8,77638973	0,137	0,300
CHR5	19345884	CHR5:19345884	SSF x Far_LoA	-9,34099925	0,054	0,306
CHR5	19345892	CHR5:19345892	SSF x Far_LoA	-8,50758656	0,066	0,306
CHR5	19345893	CHR5:19345893	SSF x Far_LoA	-8,66441804	0,026	0,313
CHR5	19345923	CHR5:19345923	SSF x Far_LoA	-9,02102724	-0,108	0,309
CHR5	19345964	CHR5:19345964	SSF x Far_LoA	-9,22315827	-0,028	0,303
CHR5	19346401	CHR5:19346401	SSF x Far_LoA	-7,57864524	-0,066	0,324
CHR5	19346484	CHR5:19346484	SSF x Far_LoA	-7,71992223	-0,035	0,312
CHR5	19349303	CHR5:19349303	SSF x Far_LoA	-6,78189807	0,046	0,302
CHR5	19350598	CHR5:19350598	SSF x Far_LoA	-9,31066261	0,030	0,306
CHR5	19354917	CHR5:19354917	SSF x Far_LoA	-8,99058353	-0,106	0,316
CHR5	19362584	CHR5:19362584	SSF x Far_LoA	-5,9307437	-0,053	0,291
CHR5	19362636	CHR5:19362636	SSF x Far_LoA	-7,6507732	0,114	0,295
CHR5	19401062	CHR5:19401062	SSF x Far_LoA	-7,38464173	-0,134	0,306
CHR5	19407400	CHR5:19407400	SSF x Far_LoA	-9,74523271	0,010	0,308
CHR5	19407443	CHR5:19407443	SSF x Far_LoA	-11,6961396	0,025	0,310
CHR5	19407444	CHR5:19407444	SSF x Far_LoA	-10,3598347	0,013	0,309
CHR5	19407482	CHR5:19407482	SSF x Far_LoA	-10,910456	0,054	0,290
CHR5	19407488	CHR5:19407488	SSF x Far_LoA	-8,54174159	-0,092	0,325

CHR5	19415841	CHR5:19415841	SSF x Far_LoA	-4,55317082	-0,044	0,312
CHR5	19415855	CHR5:19415855	SSF x Far_LoA	-8,60432183	0,055	0,296
CHR5	19415886	CHR5:19415886	SSF x Far_LoA	-9,52325129	-0,002	0,293
CHR5	19415916	CHR5:19415916	SSF x Far_LoA	-4,16590192	0,038	0,311
CHR5	19415922	CHR5:19415922	SSF x Far_LoA	-8,7894482	-0,116	0,306
CHR5	19419059	CHR5:19419059	SSF x Far_LoA	-7,8707633	-0,027	0,310
CHR5	19419108	CHR5:19419108	SSF x Far_LoA	-10,7647132	0,027	0,311
CHR5	19419175	CHR5:19419175	SSF x Far_LoA	-11,3446163	0,096	0,292
CHR5	19420899	CHR5:19420899	SSF x Far_LoA	-10,5230586	-0,042	0,308
CHR5	19420913	CHR5:19420913	SSF x Far_LoA	-8,91059378	-0,076	0,314
CHR5	19420953	CHR5:19420953	SSF x Far_LoA	-10,5857042	-0,116	0,308
CHR5	19437354	CHR5:19437354	SSF x Far_LoA	-10,0284168	0,077	0,302
CHR5	19437650	CHR5:19437650	SSF x Far_LoA	-10,9502968	-0,092	0,309
CHR5	19442633	CHR5:19442633	SSF x Far_LoA	-9,22638319	0,039	0,305
CHR5	19442850	CHR5:19442850	SSF x Far_LoA	-7,0876257	0,170	0,291
CHR5	19454677	CHR5:19454677	SSF x Far_LoA	-12,1025284	-0,007	0,295
CHR5	1947032	CHR5:1947032	SSF x Far_LoA	-8,61265181	0,045	0,313
CHR5	19478882	CHR5:19478882	SSF x Far_LoA	-0,69527914	0,088	0,308
CHR5	19478957	CHR5:19478957	SSF x Far_LoA	-9,78069471	0,046	0,310
CHR5	19479027	CHR5:19479027	SSF x Far_LoA	-9,03225206	-0,113	0,297
CHR5	19479032	CHR5:19479032	SSF x Far_LoA	-10,5008122	0,069	0,311
CHR5	19479035	CHR5:19479035	SSF x Far_LoA	-11,1989797	-0,006	0,303
CHR5	19490245	CHR5:19490245	SSF x Far_LoA	-10,5161565	-0,028	0,304
CHR5	19498320	CHR5:19498320	SSF x Far_LoA	-10,6836066	-0,071	0,320
CHR5	19498531	CHR5:19498531	SSF x Far_LoA	-10,5408782	-0,053	0,325
CHR5	2E+07	CHR5:19507558	SSF x Far_LoA	-11,0398796	-0,019	0,304
CHR5	2E+07	CHR5:19507650	SSF x Far_LoA	-8,55814661	0,038	0,298
CHR5	2E+07	CHR5:19507666	SSF x Far_LoA	-12,4032362	-0,044	0,294
CHR5	2E+07	CHR5:19507670	SSF x Far_LoA	-9,75940322	-0,083	0,329
CHR5	2E+07	CHR5:19507682	SSF x Far_LoA	-8,23424961	0,119	0,323
CHR5	2E+07	CHR5:19507714	SSF x Far_LoA	-6,33135384	-0,090	0,307
CHR5	2E+07	CHR5:19507716	SSF x Far_LoA	-11,7370343	0,042	0,316
CHR5	2E+07	CHR5:19507720	SSF x Far_LoA	-10,9492007	-0,102	0,318
CHR5	2E+07	CHR5:19507743	SSF x Far_LoA	-9,96260685	0,018	0,294
CHR5	2E+07	CHR5:19509582	SSF x Far_LoA	-9,0489062	-0,086	0,314
CHR5	2E+07	CHR5:19518307	SSF x Far_LoA	-1,78754551	-0,056	0,320
CHR5	2E+07	CHR5:19518312	SSF x Far_LoA	-9,22885476	-0,032	0,308
CHR5	2E+07	CHR5:19518353	SSF x Far_LoA	-9,74132091	0,119	0,303
CHR5	2E+07	CHR5:19518473	SSF x Far_LoA	-8,53191617	-0,109	0,302
CHR5	2E+07	CHR5:19518475	SSF x Far_LoA	-9,59285526	-0,109	0,297
CHR5	2E+07	CHR5:19518478	SSF x Far_LoA	-9,67707973	-0,122	0,296
CHR5	2E+07	CHR5:19518487	SSF x Far_LoA	-10,0973008	0,053	0,305
CHR5	2E+07	CHR5:19518503	SSF x Far_LoA	-9,13224356	0,022	0,312
CHR5	2E+07	CHR5:19518519	SSF x Far_LoA	-8,48704063	-0,107	0,305
CHR5	2E+07	CHR5:19525178	SSF x Far_LoA	-9,30170079	-0,118	0,302
CHR5	2E+07	CHR5:19528364	SSF x Far_LoA	-10,1662595	0,108	0,315
CHR5	2E+07	CHR5:19528408	SSF x Far_LoA	-9,52145488	0,099	0,307
CHR5	2E+07	CHR5:19540124	SSF x Far_LoA	-11,2569535	0,046	0,293
CHR5	2E+07	CHR5:19541317	SSF x Far_LoA	-9,78496802	0,056	0,302
CHR5	2E+07	CHR5:19541347	SSF x Far_LoA	-7,95518145	0,035	0,316
CHR5	2E+07	CHR5:19541426	SSF x Far_LoA	-9,06012653	-0,013	0,294
CHR5	2E+07	CHR5:19541440	SSF x Far_LoA	-12,3720239	-0,073	0,298
CHR5	2E+07	CHR5:19541452	SSF x Far_LoA	-9,74003794	0,034	0,291

CHR5	2E+07	CHR5:19541493	SSF x Far_LoA	-8,57917577	-0,052	0,300
CHR5	2E+07	CHR5:19541540	SSF x Far_LoA	-9,10423994	0,098	0,293
CHR5	2E+07	CHR5:19541543	SSF x Far_LoA	-9,33007839	0,074	0,303
CHR5	2E+07	CHR5:19546288	SSF x Far_LoA	-5,4976802	-0,107	0,297
CHR5	2E+07	CHR5:19546297	SSF x Far_LoA	-8,74095247	-0,033	0,303
CHR5	2E+07	CHR5:19546886	SSF x Far_LoA	-12,2407525	-0,011	0,315
CHR5	2E+07	CHR5:19546939	SSF x Far_LoA	-10,8677911	0,059	0,305
CHR5	2E+07	CHR5:19546948	SSF x Far_LoA	-6,68531104	-0,079	0,302
CHR5	2E+07	CHR5:19558532	SSF x Far_LoA	-7,09757072	0,082	0,297
CHR5	2E+07	CHR5:19564095	SSF x Far_LoA	-8,91390335	-0,083	0,305
CHR5	2E+07	CHR5:19564106	SSF x Far_LoA	-11,5110632	0,009	0,322
CHR5	2E+07	CHR5:19564365	SSF x Far_LoA	-7,50760521	-0,143	0,292
CHR5	2E+07	CHR5:19579969	SSF x Far_LoA	-8,46480919	-0,041	0,312
CHR5	2E+07	CHR5:19580003	SSF x Far_LoA	-11,514691	-0,074	0,311
CHR5	1959209	CHR5:1959209	SSF x Far_LoA	-8,1825244	0,118	0,312
CHR5	1959212	CHR5:1959212	SSF x Far_LoA	-9,79748202	-0,079	0,318
CHR5	1959262	CHR5:1959262	SSF x Far_LoA	-10,3928289	0,010	0,306
CHR5	1959282	CHR5:1959282	SSF x Far_LoA	-11,9244257	0,103	0,298
CHR5	1959310	CHR5:1959310	SSF x Far_LoA	-8,66477133	0,060	0,317
CHR5	2E+07	CHR5:19603608	SSF x Far_LoA	-11,5664249	-0,080	0,295
CHR5	2E+07	CHR5:19606276	SSF x Far_LoA	-10,1883747	0,012	0,315
CHR5	2E+07	CHR5:19606278	SSF x Far_LoA	-11,6206133	0,049	0,303
CHR5	2E+07	CHR5:19606354	SSF x Far_LoA	-9,09781824	-0,054	0,309
CHR5	2E+07	CHR5:19606459	SSF x Far_LoA	-6,6624078	-0,012	0,304
CHR5	2E+07	CHR5:19606469	SSF x Far_LoA	-9,67023318	0,035	0,316
CHR5	1960661	CHR5:1960661	SSF x Far_LoA	-10,037183	0,005	0,302
CHR5	1960725	CHR5:1960725	SSF x Far_LoA	-7,13414365	-0,028	0,319
CHR5	2E+07	CHR5:19608782	SSF x Far_LoA	-9,74169805	0,003	0,316
CHR5	2E+07	CHR5:19608845	SSF x Far_LoA	-7,61430914	0,024	0,315
CHR5	2E+07	CHR5:19608860	SSF x Far_LoA	-8,59407902	-0,082	0,304
CHR5	2E+07	CHR5:19608960	SSF x Far_LoA	-6,66007039	0,191	0,297
CHR5	2E+07	CHR5:19633204	SSF x Far_LoA	-9,49248498	-0,029	0,306
CHR5	2E+07	CHR5:19633217	SSF x Far_LoA	-10,7296025	-0,066	0,310
CHR5	2E+07	CHR5:19633241	SSF x Far_LoA	-10,9262375	0,041	0,302
CHR5	2E+07	CHR5:19634799	SSF x Far_LoA	-10,9631226	0,056	0,304
CHR5	2E+07	CHR5:19635188	SSF x Far_LoA	-9,01177502	0,115	0,304
CHR5	2E+07	CHR5:19635302	SSF x Far_LoA	-7,69145624	0,099	0,307
CHR5	2E+07	CHR5:19637328	SSF x Far_LoA	-4,68551947	-0,172	0,306
CHR5	2E+07	CHR5:19637329	SSF x Far_LoA	-8,89853972	0,068	0,302
CHR5	2E+07	CHR5:19637361	SSF x Far_LoA	-11,3242839	0,060	0,312
CHR5	2E+07	CHR5:19643093	SSF x Far_LoA	-9,1845494	0,081	0,301
CHR5	2E+07	CHR5:19643097	SSF x Far_LoA	-8,22803367	-0,001	0,297
CHR5	2E+07	CHR5:19643191	SSF x Far_LoA	-9,48164052	-0,102	0,285
CHR5	2E+07	CHR5:19643220	SSF x Far_LoA	-9,77907839	0,090	0,291
CHR5	2E+07	CHR5:19646285	SSF x Far_LoA	-12,0713884	-0,012	0,310
CHR5	2E+07	CHR5:19646286	SSF x Far_LoA	-6,66646165	-0,023	0,307
CHR5	2E+07	CHR5:19651182	SSF x Far_LoA	-7,29874899	-0,082	0,304
CHR5	2E+07	CHR5:19651194	SSF x Far_LoA	-5,43353639	0,126	0,300
CHR5	2E+07	CHR5:19651209	SSF x Far_LoA	-8,60028875	0,066	0,286
CHR5	2E+07	CHR5:19651283	SSF x Far_LoA	-7,10372731	-0,204	0,281
CHR5	2E+07	CHR5:19663892	SSF x Far_LoA	-10,5674808	0,058	0,293
CHR5	2E+07	CHR5:19663917	SSF x Far_LoA	-9,78483405	0,090	0,301
CHR5	2E+07	CHR5:19664095	SSF x Far_LoA	-10,9464457	0,058	0,304

CHR5	2E+07	CHR5:19664128	SSF x Far_LoA	-10,9652473	0,088	0,293
CHR5	2E+07	CHR5:19664134	SSF x Far_LoA	-11,6235779	0,129	0,294
CHR5	2E+07	CHR5:19664184	SSF x Far_LoA	-9,46873599	0,063	0,296
CHR5	2E+07	CHR5:19667664	SSF x Far_LoA	-11,2818782	-0,003	0,302
CHR5	2E+07	CHR5:19667685	SSF x Far_LoA	-8,79744088	0,055	0,314
CHR5	2E+07	CHR5:19667727	SSF x Far_LoA	-8,3078687	-0,074	0,319
CHR5	2E+07	CHR5:19667753	SSF x Far_LoA	-8,92871603	0,045	0,308
CHR5	2E+07	CHR5:19667795	SSF x Far_LoA	-3,28976856	0,065	0,307
CHR5	2E+07	CHR5:19667802	SSF x Far_LoA	-8,57220246	-0,057	0,318
CHR5	2E+07	CHR5:19676505	SSF x Far_LoA	-4,17249358	-0,206	0,290
CHR5	2E+07	CHR5:19676512	SSF x Far_LoA	-7,05092519	-0,195	0,293
CHR5	2E+07	CHR5:19676558	SSF x Far_LoA	-10,52556	-0,001	0,323
CHR5	2E+07	CHR5:19676584	SSF x Far_LoA	-10,181286	-0,122	0,299
CHR5	1968248	CHR5:1968248	SSF x Far_LoA	-9,87231547	-0,065	0,304
CHR5	1968279	CHR5:1968279	SSF x Far_LoA	-9,45030741	-0,026	0,313
CHR5	2E+07	CHR5:19684392	SSF x Far_LoA	-6,80087681	-0,112	0,324
CHR5	2E+07	CHR5:19684415	SSF x Far_LoA	-9,79216375	-0,046	0,314
CHR5	2E+07	CHR5:19684448	SSF x Far_LoA	-7,25645511	-0,064	0,305
CHR5	2E+07	CHR5:19684588	SSF x Far_LoA	-11,8402582	0,071	0,307
CHR5	2E+07	CHR5:19684589	SSF x Far_LoA	-9,02645869	-0,049	0,316
CHR5	2E+07	CHR5:19684591	SSF x Far_LoA	-10,2909364	-0,062	0,311
CHR5	2E+07	CHR5:19684594	SSF x Far_LoA	-10,6551271	-0,037	0,305
CHR5	2E+07	CHR5:19705162	SSF x Far_LoA	-9,62951151	0,039	0,308
CHR5	2E+07	CHR5:19705174	SSF x Far_LoA	-11,3570523	-0,037	0,305
CHR5	2E+07	CHR5:19705211	SSF x Far_LoA	-8,54747047	0,100	0,304
CHR5	2E+07	CHR5:19705231	SSF x Far_LoA	-8,58430966	0,164	0,298
CHR5	2E+07	CHR5:19705237	SSF x Far_LoA	-9,32303297	-0,003	0,304
CHR5	2E+07	CHR5:19705241	SSF x Far_LoA	-8,93203035	0,148	0,292
CHR5	2E+07	CHR5:19705263	SSF x Far_LoA	-9,71316651	0,143	0,291
CHR5	2E+07	CHR5:19705274	SSF x Far_LoA	-2,64397808	-0,056	0,298
CHR5	2E+07	CHR5:19705296	SSF x Far_LoA	-8,71630075	0,146	0,303
CHR5	2E+07	CHR5:19705298	SSF x Far_LoA	-8,73115329	-0,037	0,310
CHR5	2E+07	CHR5:19705310	SSF x Far_LoA	-9,79587587	-0,077	0,306
CHR5	2E+07	CHR5:19705343	SSF x Far_LoA	-9,89956027	0,171	0,292
CHR5	1970625	CHR5:1970625	SSF x Far_LoA	-6,39684039	0,032	0,318
CHR5	1970647	CHR5:1970647	SSF x Far_LoA	-10,0123014	-0,086	0,303
CHR5	1970694	CHR5:1970694	SSF x Far_LoA	-10,2956363	0,007	0,293
CHR5	2E+07	CHR5:19708604	SSF x Far_LoA	-10,8504166	0,033	0,311
CHR5	2E+07	CHR5:19708607	SSF x Far_LoA	-11,5489549	-0,042	0,309
CHR5	2E+07	CHR5:19711648	SSF x Far_LoA	-10,1523937	0,054	0,307
CHR5	2E+07	CHR5:19712776	SSF x Far_LoA	-10,367913	-0,012	0,308
CHR5	2E+07	CHR5:19712798	SSF x Far_LoA	-11,9138262	0,018	0,297
CHR5	1971420	CHR5:1971420	SSF x Far_LoA	-8,1697776	-0,120	0,292
CHR5	2E+07	CHR5:19717965	SSF x Far_LoA	-5,92236722	0,079	0,317
CHR5	2E+07	CHR5:19718105	SSF x Far_LoA	-8,86514222	0,003	0,295
CHR5	2E+07	CHR5:19718157	SSF x Far_LoA	-9,48142112	0,024	0,315
CHR5	2E+07	CHR5:19721887	SSF x Far_LoA	-6,22571194	-0,151	0,296
CHR5	2E+07	CHR5:19721930	SSF x Far_LoA	-8,20089912	-0,094	0,301
CHR5	2E+07	CHR5:19721996	SSF x Far_LoA	-10,8721056	-0,086	0,308
CHR5	2E+07	CHR5:19721997	SSF x Far_LoA	-9,57259491	-0,048	0,327
CHR5	2E+07	CHR5:19729288	SSF x Far_LoA	-6,27906608	-0,087	0,303
CHR5	2E+07	CHR5:19737643	SSF x Far_LoA	-10,5399289	-0,024	0,308
CHR5	2E+07	CHR5:19737679	SSF x Far_LoA	-8,52307571	-0,063	0,307

CHR5	2E+07	CHR5:19737698	SSF x Far_LoA	-8,89221088	-0,002	0,309
CHR5	1973955	CHR5:1973955	SSF x Far_LoA	-8,11858682	-0,019	0,315
CHR5	2E+07	CHR5:19742088	SSF x Far_LoA	-9,68623878	0,022	0,307
CHR5	2E+07	CHR5:19767545	SSF x Far_LoA	-8,96378906	-0,058	0,288
CHR5	2E+07	CHR5:19767707	SSF x Far_LoA	-10,3135134	0,029	0,316
CHR5	2E+07	CHR5:19770058	SSF x Far_LoA	-9,31679516	0,006	0,317
CHR5	2E+07	CHR5:19770065	SSF x Far_LoA	-11,0111521	-0,042	0,299
CHR5	2E+07	CHR5:19770087	SSF x Far_LoA	-8,08423136	-0,019	0,305
CHR5	2E+07	CHR5:19770135	SSF x Far_LoA	-3,34243124	-0,161	0,312
CHR5	2E+07	CHR5:19770150	SSF x Far_LoA	-8,05419488	-0,057	0,303
CHR5	2E+07	CHR5:19770172	SSF x Far_LoA	-8,48012414	-0,072	0,302
CHR5	2E+07	CHR5:19770211	SSF x Far_LoA	-9,90686554	-0,053	0,305
CHR5	2E+07	CHR5:19770237	SSF x Far_LoA	-9,41621261	-0,023	0,311
CHR5	2E+07	CHR5:19773317	SSF x Far_LoA	-9,93342993	-0,096	0,298
CHR5	2E+07	CHR5:19773321	SSF x Far_LoA	-9,67778922	-0,077	0,297
CHR5	2E+07	CHR5:19777188	SSF x Far_LoA	-6,56378935	-0,062	0,297
CHR5	2E+07	CHR5:19777211	SSF x Far_LoA	-9,28819226	0,048	0,311
CHR5	2E+07	CHR5:19777386	SSF x Far_LoA	-9,5706436	-0,013	0,303
CHR5	2E+07	CHR5:19777387	SSF x Far_LoA	-10,7333044	0,025	0,301
CHR5	2E+07	CHR5:19779776	SSF x Far_LoA	-7,75300809	-0,065	0,313
CHR5	2E+07	CHR5:19779849	SSF x Far_LoA	-10,2486849	-0,106	0,308
CHR5	2E+07	CHR5:19779892	SSF x Far_LoA	-7,62909715	-0,142	0,295
CHR5	2E+07	CHR5:19779903	SSF x Far_LoA	-7,9404728	0,132	0,300
CHR5	2E+07	CHR5:19784118	SSF x Far_LoA	-11,4135154	0,074	0,306
CHR5	2E+07	CHR5:19784203	SSF x Far_LoA	-11,5392248	0,035	0,299
CHR5	2E+07	CHR5:19785177	SSF x Far_LoA	-9,42723597	-0,062	0,319
CHR5	2E+07	CHR5:19785346	SSF x Far_LoA	-11,2294528	0,040	0,302
CHR5	2E+07	CHR5:19789073	SSF x Far_LoA	-11,8550845	-0,020	0,317
CHR5	2E+07	CHR5:19789074	SSF x Far_LoA	-11,9149867	-0,061	0,304
CHR5	2E+07	CHR5:19789081	SSF x Far_LoA	-9,32728743	0,044	0,313
CHR5	2E+07	CHR5:19789124	SSF x Far_LoA	-7,06043762	0,192	0,289
CHR5	2E+07	CHR5:19789164	SSF x Far_LoA	-11,4842034	-0,050	0,312
CHR5	1979031	CHR5:1979031	SSF x Far_LoA	-5,78010638	-0,044	0,303
CHR5	2E+07	CHR5:19790380	SSF x Far_LoA	-4,9562877	0,026	0,303
CHR5	2E+07	CHR5:19790412	SSF x Far_LoA	-8,37561251	-0,143	0,295
CHR5	1979072	CHR5:1979072	SSF x Far_LoA	-8,19637658	0,023	0,305
CHR5	1979075	CHR5:1979075	SSF x Far_LoA	-7,16355178	-0,071	0,320
CHR5	1979159	CHR5:1979159	SSF x Far_LoA	-11,1034126	0,015	0,306
CHR5	2E+07	CHR5:19802517	SSF x Far_LoA	-9,26890302	-0,005	0,302
CHR5	2E+07	CHR5:19802521	SSF x Far_LoA	-7,4755886	-0,141	0,301
CHR5	2E+07	CHR5:19802545	SSF x Far_LoA	-5,64677593	0,094	0,297
CHR5	2E+07	CHR5:19802565	SSF x Far_LoA	-3,60024337	0,048	0,305
CHR5	1980506	CHR5:1980506	SSF x Far_LoA	-6,1782537	0,102	0,306
CHR5	1980581	CHR5:1980581	SSF x Far_LoA	-7,98751336	-0,086	0,307
CHR5	1980648	CHR5:1980648	SSF x Far_LoA	-9,28921339	0,016	0,304
CHR5	1980653	CHR5:1980653	SSF x Far_LoA	-9,21112935	0,048	0,304
CHR5	1980656	CHR5:1980656	SSF x Far_LoA	-8,24321703	0,024	0,304
CHR5	2E+07	CHR5:19808944	SSF x Far_LoA	-9,0541811	0,130	0,308
CHR5	2E+07	CHR5:19808980	SSF x Far_LoA	-11,1250862	0,080	0,309
CHR5	2E+07	CHR5:19809123	SSF x Far_LoA	-11,0413418	0,060	0,316
CHR5	2E+07	CHR5:19812836	SSF x Far_LoA	-12,1782927	-0,040	0,308
CHR5	2E+07	CHR5:19812982	SSF x Far_LoA	-9,83421215	-0,113	0,314
CHR5	2E+07	CHR5:19813069	SSF x Far_LoA	-11,1573848	-0,096	0,304

CHR5	2E+07	CHR5:19814299	SSF x Far_LoA	-8,91886198	0,091	0,290
CHR5	2E+07	CHR5:19814325	SSF x Far_LoA	-2,95417946	0,181	0,298
CHR5	2E+07	CHR5:19814359	SSF x Far_LoA	-9,10876868	0,022	0,307
CHR5	2E+07	CHR5:19814405	SSF x Far_LoA	-8,90711598	0,008	0,301
CHR5	2E+07	CHR5:19814423	SSF x Far_LoA	-9,46589123	0,090	0,309
CHR5	2E+07	CHR5:19814492	SSF x Far_LoA	-11,3418673	0,065	0,302
CHR5	2E+07	CHR5:19814536	SSF x Far_LoA	-2,48112468	-0,009	0,295
CHR5	2E+07	CHR5:19816192	SSF x Far_LoA	-9,68265342	-0,121	0,299
CHR5	2E+07	CHR5:19823328	SSF x Far_LoA	-9,92327233	-0,102	0,302
CHR5	2E+07	CHR5:19826137	SSF x Far_LoA	-9,27723271	-0,090	0,314
CHR5	2E+07	CHR5:19826145	SSF x Far_LoA	-10,2025967	-0,061	0,300
CHR5	2E+07	CHR5:19826173	SSF x Far_LoA	-10,3408539	0,013	0,310
CHR5	2E+07	CHR5:19826191	SSF x Far_LoA	-9,31851035	-0,024	0,319
CHR5	2E+07	CHR5:19826227	SSF x Far_LoA	-11,5737423	-0,041	0,302
CHR5	2E+07	CHR5:19826561	SSF x Far_LoA	-8,89543185	0,084	0,289
CHR5	2E+07	CHR5:19827603	SSF x Far_LoA	-12,2081283	0,068	0,284
CHR5	2E+07	CHR5:19827616	SSF x Far_LoA	-8,72114405	0,065	0,299
CHR5	2E+07	CHR5:19827814	SSF x Far_LoA	-9,97657639	0,139	0,307
CHR5	2E+07	CHR5:19835074	SSF x Far_LoA	-8,47375427	0,020	0,312
CHR5	2E+07	CHR5:19835950	SSF x Far_LoA	-10,6096564	0,099	0,303
CHR5	2E+07	CHR5:19835980	SSF x Far_LoA	-11,4382	0,093	0,285
CHR5	2E+07	CHR5:19839901	SSF x Far_LoA	-10,8486094	0,019	0,311
CHR5	2E+07	CHR5:19839903	SSF x Far_LoA	-10,4006684	0,038	0,313
CHR5	2E+07	CHR5:19839961	SSF x Far_LoA	-11,4244695	-0,015	0,317
CHR5	2E+07	CHR5:19840012	SSF x Far_LoA	-8,19505188	-0,063	0,299
CHR5	2E+07	CHR5:19840084	SSF x Far_LoA	-8,34001802	0,092	0,287
CHR5	2E+07	CHR5:19840087	SSF x Far_LoA	-11,2495888	0,030	0,304
CHR5	2E+07	CHR5:19840101	SSF x Far_LoA	-7,00231375	-0,112	0,308
CHR5	2E+07	CHR5:19840113	SSF x Far_LoA	-5,42140317	0,243	0,297
CHR5	2E+07	CHR5:19843611	SSF x Far_LoA	-10,6144206	-0,058	0,311
CHR5	2E+07	CHR5:19851641	SSF x Far_LoA	-7,28227373	0,202	0,292
CHR5	2E+07	CHR5:19851833	SSF x Far_LoA	-10,9020447	0,006	0,314
CHR5	2E+07	CHR5:19851836	SSF x Far_LoA	-4,34582169	0,199	0,300
CHR5	2E+07	CHR5:19855931	SSF x Far_LoA	-10,1082042	-0,115	0,317
CHR5	2E+07	CHR5:19855957	SSF x Far_LoA	-7,57200181	0,092	0,316
CHR5	2E+07	CHR5:19855995	SSF x Far_LoA	-9,88270196	-0,136	0,312
CHR5	2E+07	CHR5:19856013	SSF x Far_LoA	-7,85435122	0,145	0,301
CHR5	2E+07	CHR5:19856024	SSF x Far_LoA	-9,75369794	0,106	0,309
CHR5	2E+07	CHR5:19861725	SSF x Far_LoA	-10,9713745	0,006	0,302
CHR5	2E+07	CHR5:19861744	SSF x Far_LoA	-9,30972557	0,097	0,302
CHR5	2E+07	CHR5:19861762	SSF x Far_LoA	-10,1551716	-0,007	0,308
CHR5	2E+07	CHR5:19861791	SSF x Far_LoA	-8,5139026	0,054	0,303
CHR5	2E+07	CHR5:19861799	SSF x Far_LoA	-8,68077147	-0,107	0,306
CHR5	2E+07	CHR5:19861801	SSF x Far_LoA	-9,75535989	0,105	0,288
CHR5	2E+07	CHR5:19861918	SSF x Far_LoA	-10,2817558	-0,034	0,307
CHR5	2E+07	CHR5:19871049	SSF x Far_LoA	-11,4143854	0,117	0,298
CHR5	2E+07	CHR5:19875739	SSF x Far_LoA	-5,65261636	-0,135	0,301
CHR5	2E+07	CHR5:19875753	SSF x Far_LoA	-9,26744606	-0,056	0,319
CHR5	2E+07	CHR5:19875846	SSF x Far_LoA	-10,5960495	0,016	0,296
CHR5	2E+07	CHR5:19875877	SSF x Far_LoA	-11,5317193	0,079	0,300
CHR5	2E+07	CHR5:19875944	SSF x Far_LoA	-11,1205065	0,091	0,316
CHR5	2E+07	CHR5:19875971	SSF x Far_LoA	-10,1546676	-0,036	0,313
CHR5	2E+07	CHR5:19875996	SSF x Far_LoA	-11,425202	-0,031	0,311

CHR5	2E+07	CHR5:19875998	SSF x Far_LoA	-9,57407094	0,134	0,299
CHR5	2E+07	CHR5:19878046	SSF x Far_LoA	-7,93889098	0,099	0,302
CHR5	2E+07	CHR5:19878059	SSF x Far_LoA	-8,77662843	-0,055	0,307
CHR5	2E+07	CHR5:19878084	SSF x Far_LoA	-11,7065241	-0,049	0,304
CHR5	2E+07	CHR5:19878256	SSF x Far_LoA	-6,37614468	-0,077	0,309
CHR5	2E+07	CHR5:19878266	SSF x Far_LoA	-9,39051777	0,130	0,292
CHR5	2E+07	CHR5:19887618	SSF x Far_LoA	-9,51460371	0,050	0,301
CHR5	2E+07	CHR5:19887625	SSF x Far_LoA	-8,60178735	-0,108	0,297
CHR5	2E+07	CHR5:19887664	SSF x Far_LoA	-7,1665322	0,150	0,276
CHR5	2E+07	CHR5:19887669	SSF x Far_LoA	-7,07898886	-0,074	0,304
CHR5	2E+07	CHR5:19887716	SSF x Far_LoA	-7,56009631	-0,030	0,295
CHR5	2E+07	CHR5:19889156	SSF x Far_LoA	-9,49307441	-0,087	0,307
CHR5	2E+07	CHR5:19889190	SSF x Far_LoA	-11,165808	-0,027	0,305
CHR5	2E+07	CHR5:19889212	SSF x Far_LoA	-11,551688	0,026	0,304
CHR5	2E+07	CHR5:19889253	SSF x Far_LoA	-11,8203097	-0,085	0,304
CHR5	2E+07	CHR5:19889362	SSF x Far_LoA	-10,6106044	-0,053	0,313
CHR5	2E+07	CHR5:19894086	SSF x Far_LoA	-8,39729628	-0,060	0,301
CHR5	2E+07	CHR5:19894149	SSF x Far_LoA	-9,01450754	-0,065	0,296
CHR5	2E+07	CHR5:19894162	SSF x Far_LoA	-10,9139134	0,094	0,300
CHR5	2E+07	CHR5:19894257	SSF x Far_LoA	-11,0267409	-0,020	0,303
CHR5	2E+07	CHR5:19896936	SSF x Far_LoA	-9,84455163	0,018	0,308
CHR5	2E+07	CHR5:19896942	SSF x Far_LoA	-8,94809079	0,160	0,311
CHR5	2E+07	CHR5:19896987	SSF x Far_LoA	-5,84203243	0,057	0,301
CHR5	2E+07	CHR5:19897066	SSF x Far_LoA	-11,8940184	-0,005	0,303
CHR5	2E+07	CHR5:19911485	SSF x Far_LoA	-8,53354657	-0,033	0,311
CHR5	2E+07	CHR5:19911491	SSF x Far_LoA	-9,13023483	-0,014	0,304
CHR5	2E+07	CHR5:19911492	SSF x Far_LoA	-9,22867418	-0,051	0,304
CHR5	2E+07	CHR5:19911523	SSF x Far_LoA	-11,4161185	-0,035	0,290
CHR5	2E+07	CHR5:19911526	SSF x Far_LoA	-11,0264624	0,069	0,303
CHR5	2E+07	CHR5:19911536	SSF x Far_LoA	-10,6307469	0,014	0,293
CHR5	2E+07	CHR5:19921966	SSF x Far_LoA	-9,57367612	0,107	0,297
CHR5	2E+07	CHR5:19928760	SSF x Far_LoA	-1,66671755	-0,124	0,306
CHR5	2E+07	CHR5:19929855	SSF x Far_LoA	-9,44462815	0,050	0,296
CHR5	2E+07	CHR5:19929917	SSF x Far_LoA	-11,4436252	-0,042	0,305
CHR5	2E+07	CHR5:19929921	SSF x Far_LoA	-11,9594964	-0,040	0,308
CHR5	2E+07	CHR5:19932984	SSF x Far_LoA	-7,53372018	0,009	0,309
CHR5	2E+07	CHR5:19933176	SSF x Far_LoA	-8,22757017	0,037	0,324
CHR5	2E+07	CHR5:19933258	SSF x Far_LoA	-9,04897908	0,086	0,307
CHR5	2E+07	CHR5:19944668	SSF x Far_LoA	-8,56246206	0,084	0,301
CHR5	2E+07	CHR5:19944698	SSF x Far_LoA	-9,03507285	0,063	0,295
CHR5	2E+07	CHR5:19958275	SSF x Far_LoA	-6,0011575	0,169	0,299
CHR5	1999041	CHR5:1999041	SSF x Far_LoA	-10,6154014	0,038	0,304
CHR5	2E+07	CHR5:19996378	SSF x Far_LoA	-10,1057202	0,043	0,305
CHR5	2E+07	CHR5:19996397	SSF x Far_LoA	-5,11986714	-0,017	0,304
CHR5	2E+07	CHR5:19997708	SSF x Far_LoA	-8,42190866	0,039	0,308
CHR5	2E+07	CHR5:19997717	SSF x Far_LoA	-7,14653743	0,069	0,303
CHR5	2E+07	CHR5:19997719	SSF x Far_LoA	-9,41410941	0,141	0,289
CHR5	2E+07	CHR5:20005893	SSF x Far_LoA	-11,2569548	-0,050	0,312
CHR5	2E+07	CHR5:20005952	SSF x Far_LoA	-6,53312277	0,028	0,302
CHR5	2E+07	CHR5:20006220	SSF x Far_LoA	-5,10045485	0,088	0,313
CHR5	2E+07	CHR5:20006255	SSF x Far_LoA	-10,183501	0,113	0,297
CHR5	2E+07	CHR5:20012596	SSF x Far_LoA	-10,0176578	-0,030	0,312
CHR5	2E+07	CHR5:20013107	SSF x Far_LoA	-11,4579093	0,000	0,309

CHR5	2E+07	CHR5:20013113	SSF x Far_LoA	-9,90013544	-0,095	0,321
CHR5	2E+07	CHR5:20014209	SSF x Far_LoA	-10,5204573	-0,081	0,311
CHR5	2E+07	CHR5:20014340	SSF x Far_LoA	-8,55020135	-0,075	0,301
CHR5	2001642	CHR5:2001642	SSF x Far_LoA	-9,73728549	0,029	0,295
CHR5	2001652	CHR5:2001652	SSF x Far_LoA	-9,05956335	0,016	0,295
CHR5	2001725	CHR5:2001725	SSF x Far_LoA	-6,37615966	0,214	0,283
CHR5	2E+07	CHR5:20029489	SSF x Far_LoA	-8,94006959	-0,061	0,316
CHR5	2E+07	CHR5:20029643	SSF x Far_LoA	-9,0227212	-0,087	0,314
CHR5	2E+07	CHR5:20029656	SSF x Far_LoA	-5,91966592	-0,036	0,288
CHR5	2E+07	CHR5:20029660	SSF x Far_LoA	-12,0291771	-0,046	0,303
CHR5	2E+07	CHR5:20029773	SSF x Far_LoA	-8,12107953	-0,019	0,319
CHR5	2003712	CHR5:2003712	SSF x Far_LoA	-9,17429595	0,029	0,306
CHR5	2E+07	CHR5:20038823	SSF x Far_LoA	-10,8657146	-0,081	0,302
CHR5	2E+07	CHR5:20038887	SSF x Far_LoA	-10,3344664	0,057	0,314
CHR5	2E+07	CHR5:20041561	SSF x Far_LoA	-8,62490583	0,212	0,281
CHR5	2E+07	CHR5:20041609	SSF x Far_LoA	-3,98315502	0,109	0,299
CHR5	2E+07	CHR5:20041676	SSF x Far_LoA	-11,8587756	0,087	0,299
CHR5	2E+07	CHR5:20041709	SSF x Far_LoA	-8,55187202	-0,046	0,310
CHR5	2E+07	CHR5:20041710	SSF x Far_LoA	-8,79891613	-0,069	0,314
CHR5	2E+07	CHR5:20055616	SSF x Far_LoA	-10,9432698	0,015	0,303
CHR5	2E+07	CHR5:20055752	SSF x Far_LoA	-8,36116162	-0,006	0,323
CHR5	2E+07	CHR5:20055784	SSF x Far_LoA	-4,39514659	-0,174	0,302
CHR5	2E+07	CHR5:20055823	SSF x Far_LoA	-6,93613537	0,044	0,298
CHR5	2E+07	CHR5:20055824	SSF x Far_LoA	-8,00421026	0,058	0,309
CHR5	2E+07	CHR5:20060523	SSF x Far_LoA	-10,3858836	0,149	0,298
CHR5	2006504	CHR5:2006504	SSF x Far_LoA	-8,66483479	0,021	0,326
CHR5	2006545	CHR5:2006545	SSF x Far_LoA	-8,05524231	-0,065	0,325
CHR5	2E+07	CHR5:20078051	SSF x Far_LoA	-9,14274495	-0,024	0,316
CHR5	2E+07	CHR5:20078124	SSF x Far_LoA	17,1376216	-0,085	0,320
CHR5	2E+07	CHR5:20078175	SSF x Far_LoA	-7,49869538	-0,022	0,309
CHR5	2E+07	CHR5:20078237	SSF x Far_LoA	-8,69968478	-0,109	0,319
CHR5	2E+07	CHR5:20083829	SSF x Far_LoA	-8,03753023	-0,073	0,292
CHR5	2E+07	CHR5:20083990	SSF x Far_LoA	-5,8622589	-0,092	0,300
CHR5	2E+07	CHR5:20084065	SSF x Far_LoA	-8,62912698	-0,069	0,304
CHR5	2E+07	CHR5:20094563	SSF x Far_LoA	-8,77974237	0,055	0,311
CHR5	2E+07	CHR5:20094589	SSF x Far_LoA	-7,51195848	-0,047	0,310
CHR5	2E+07	CHR5:20094736	SSF x Far_LoA	-9,30023474	0,058	0,305
CHR5	2E+07	CHR5:20094739	SSF x Far_LoA	-1,70037836	0,001	0,301
CHR5	2E+07	CHR5:20099989	SSF x Far_LoA	-6,88584908	0,069	0,289
CHR5	2E+07	CHR5:20100026	SSF x Far_LoA	-9,13250603	0,007	0,302
CHR5	2E+07	CHR5:20100899	SSF x Far_LoA	-8,84351989	-0,103	0,303
CHR5	2E+07	CHR5:20116576	SSF x Far_LoA	-11,0449455	-0,061	0,306
CHR5	2E+07	CHR5:20116812	SSF x Far_LoA	-11,4313152	0,014	0,301
CHR5	2E+07	CHR5:20124504	SSF x Far_LoA	-10,1859142	0,006	0,308
CHR5	2E+07	CHR5:20124515	SSF x Far_LoA	-10,2629085	0,031	0,305
CHR5	2E+07	CHR5:20125424	SSF x Far_LoA	-8,73395975	0,020	0,306
CHR5	2E+07	CHR5:20131054	SSF x Far_LoA	-8,75180912	0,044	0,307
CHR5	2E+07	CHR5:20131069	SSF x Far_LoA	-8,880436	-0,053	0,294
CHR5	2E+07	CHR5:20131122	SSF x Far_LoA	-9,81959591	0,036	0,311
CHR5	2E+07	CHR5:20131136	SSF x Far_LoA	-12,0097167	-0,011	0,309
CHR5	2E+07	CHR5:20131198	SSF x Far_LoA	-8,77186682	0,039	0,313
CHR5	2E+07	CHR5:20133648	SSF x Far_LoA	-9,78422809	0,016	0,300
CHR5	2E+07	CHR5:20133749	SSF x Far_LoA	-8,78511139	0,140	0,300

CHR5	2E+07	CHR5:20139092	SSF x Far_LoA	-11,2422841	0,096	0,307
CHR5	2E+07	CHR5:20139135	SSF x Far_LoA	-10,7903751	-0,053	0,308
CHR5	2E+07	CHR5:20139194	SSF x Far_LoA	-10,581788	-0,102	0,318
CHR5	2E+07	CHR5:20139223	SSF x Far_LoA	-9,59978238	-0,119	0,322
CHR5	2E+07	CHR5:20139233	SSF x Far_LoA	-9,4762556	0,013	0,296
CHR5	2E+07	CHR5:20159546	SSF x Far_LoA	-7,19093232	-0,121	0,301
CHR5	2E+07	CHR5:20159624	SSF x Far_LoA	-11,5713409	-0,015	0,311
CHR5	2E+07	CHR5:20159641	SSF x Far_LoA	-7,1805197	0,141	0,302
CHR5	2E+07	CHR5:20159651	SSF x Far_LoA	-8,7361434	-0,106	0,295
CHR5	2E+07	CHR5:20167385	SSF x Far_LoA	4,81557833	0,000	0,312
CHR5	2E+07	CHR5:20167477	SSF x Far_LoA	-6,87333556	0,065	0,296
CHR5	2E+07	CHR5:20167525	SSF x Far_LoA	-8,83850438	0,003	0,306
CHR5	2E+07	CHR5:20175642	SSF x Far_LoA	-8,95686714	0,013	0,306
CHR5	2E+07	CHR5:20175674	SSF x Far_LoA	-5,43892717	-0,186	0,299
CHR5	2E+07	CHR5:20179082	SSF x Far_LoA	-8,78274326	0,051	0,306
CHR5	2E+07	CHR5:20179091	SSF x Far_LoA	-9,12674282	-0,001	0,310
CHR5	2E+07	CHR5:20179233	SSF x Far_LoA	-7,50961672	-0,028	0,313
CHR5	2E+07	CHR5:20184822	SSF x Far_LoA	-10,9848422	-0,001	0,318
CHR5	2E+07	CHR5:20207468	SSF x Far_LoA	-7,0614533	-0,219	0,292
CHR5	2E+07	CHR5:20207536	SSF x Far_LoA	-9,43641625	-0,009	0,313
CHR5	2E+07	CHR5:20207644	SSF x Far_LoA	-8,61273589	-0,056	0,297
CHR5	2E+07	CHR5:20207670	SSF x Far_LoA	-11,76183	0,078	0,306
CHR5	2E+07	CHR5:20207672	SSF x Far_LoA	-9,63489768	0,088	0,307
CHR5	2E+07	CHR5:20207676	SSF x Far_LoA	-11,7943887	-0,039	0,298
CHR5	2021772	CHR5:2021772	SSF x Far_LoA	-9,44613418	0,067	0,311
CHR5	2021775	CHR5:2021775	SSF x Far_LoA	-10,3404994	0,059	0,295
CHR5	2021844	CHR5:2021844	SSF x Far_LoA	-10,4015917	-0,022	0,312
CHR5	2E+07	CHR5:20227825	SSF x Far_LoA	-9,07422113	-0,076	0,311
CHR5	2E+07	CHR5:20230289	SSF x Far_LoA	-11,2300032	-0,020	0,295
CHR5	2E+07	CHR5:20230356	SSF x Far_LoA	-11,6692207	-0,028	0,302
CHR5	2E+07	CHR5:20231358	SSF x Far_LoA	-12,1943686	0,022	0,315
CHR5	2E+07	CHR5:20232685	SSF x Far_LoA	-11,1971564	-0,011	0,305
CHR5	2E+07	CHR5:20232763	SSF x Far_LoA	-10,9406574	-0,045	0,300
CHR5	2E+07	CHR5:20234126	SSF x Far_LoA	-8,72094597	-0,109	0,305
CHR5	2E+07	CHR5:20244011	SSF x Far_LoA	-10,3472561	0,075	0,313
CHR5	2E+07	CHR5:20254402	SSF x Far_LoA	-9,93037344	-0,035	0,307
CHR5	2E+07	CHR5:20254479	SSF x Far_LoA	-10,0056013	-0,037	0,316
CHR5	2E+07	CHR5:20254573	SSF x Far_LoA	-11,901132	-0,061	0,312
CHR5	2E+07	CHR5:20254589	SSF x Far_LoA	-10,0678047	-0,062	0,307
CHR5	2E+07	CHR5:20254601	SSF x Far_LoA	-8,83537321	0,069	0,295
CHR5	2E+07	CHR5:20254602	SSF x Far_LoA	-11,1811334	0,074	0,309
CHR5	2E+07	CHR5:20254620	SSF x Far_LoA	-5,55936504	0,083	0,317
CHR5	2E+07	CHR5:20263964	SSF x Far_LoA	-10,2146759	0,100	0,298
CHR5	2E+07	CHR5:20264057	SSF x Far_LoA	-7,7884454	0,002	0,309
CHR5	2E+07	CHR5:20264062	SSF x Far_LoA	-8,72239319	0,126	0,301
CHR5	2E+07	CHR5:20265199	SSF x Far_LoA	-11,2603716	-0,068	0,304
CHR5	2E+07	CHR5:20265200	SSF x Far_LoA	-11,5495968	-0,077	0,297
CHR5	2E+07	CHR5:20265202	SSF x Far_LoA	-11,0119082	-0,082	0,301
CHR5	2E+07	CHR5:20276737	SSF x Far_LoA	-7,52121321	0,060	0,310
CHR5	2E+07	CHR5:20276925	SSF x Far_LoA	-5,30133022	0,221	0,299
CHR5	2E+07	CHR5:20276932	SSF x Far_LoA	-8,94121477	-0,084	0,313
CHR5	2E+07	CHR5:20276953	SSF x Far_LoA	-10,2473672	0,057	0,315
CHR5	2E+07	CHR5:20276958	SSF x Far_LoA	-7,86435657	-0,127	0,307

CHR5	2E+07	CHR5:20300898	SSF x Far_LoA	-11,5619844	0,013	0,309
CHR5	2E+07	CHR5:20306972	SSF x Far_LoA	-7,56966469	0,131	0,295
CHR5	2E+07	CHR5:20306980	SSF x Far_LoA	-7,96975208	0,136	0,297
CHR5	2E+07	CHR5:20310072	SSF x Far_LoA	-9,46382972	-0,196	0,298
CHR5	2E+07	CHR5:20310225	SSF x Far_LoA	-8,36554277	0,093	0,302
CHR5	2E+07	CHR5:20319070	SSF x Far_LoA	-9,20067859	-0,105	0,308
CHR5	2E+07	CHR5:20319147	SSF x Far_LoA	-11,0782999	0,033	0,295
CHR5	2E+07	CHR5:20319290	SSF x Far_LoA	-10,0064802	-0,068	0,304
CHR5	2E+07	CHR5:20319348	SSF x Far_LoA	-7,42580565	-0,160	0,300
CHR5	2E+07	CHR5:20326692	SSF x Far_LoA	-11,5112322	0,029	0,313
CHR5	2E+07	CHR5:20326700	SSF x Far_LoA	-8,68453098	-0,022	0,310
CHR5	2E+07	CHR5:20326792	SSF x Far_LoA	-7,31236295	0,013	0,305
CHR5	2E+07	CHR5:20334513	SSF x Far_LoA	-9,51511843	0,000	0,315
CHR5	2E+07	CHR5:20334517	SSF x Far_LoA	-10,417761	-0,036	0,323
CHR5	2E+07	CHR5:20334550	SSF x Far_LoA	-8,86980518	-0,059	0,305
CHR5	2E+07	CHR5:20334576	SSF x Far_LoA	-8,81986307	0,049	0,312
CHR5	2E+07	CHR5:20334579	SSF x Far_LoA	-8,44130237	0,067	0,307
CHR5	2E+07	CHR5:20334822	SSF x Far_LoA	-11,4751443	-0,048	0,304
CHR5	2E+07	CHR5:20334843	SSF x Far_LoA	-6,05058094	0,086	0,302
CHR5	2E+07	CHR5:20339678	SSF x Far_LoA	-12,5761889	0,016	0,291
CHR5	2E+07	CHR5:20340000	SSF x Far_LoA	-8,13415871	0,117	0,305
CHR5	2E+07	CHR5:20349880	SSF x Far_LoA	-11,5414228	-0,018	0,309
CHR5	2E+07	CHR5:20368639	SSF x Far_LoA	-5,90774563	0,190	0,286
CHR5	2E+07	CHR5:20369789	SSF x Far_LoA	-8,41456558	0,030	0,310
CHR5	2E+07	CHR5:20369808	SSF x Far_LoA	-7,22561642	-0,038	0,309
CHR5	2E+07	CHR5:20369842	SSF x Far_LoA	-8,99156735	-0,138	0,309
CHR5	2039433	CHR5:2039433	SSF x Far_LoA	-6,82587251	-0,071	0,320
CHR5	2039634	CHR5:2039634	SSF x Far_LoA	-11,5990011	0,018	0,303
CHR5	2E+07	CHR5:20447072	SSF x Far_LoA	-10,4055552	-0,024	0,323
CHR5	2E+07	CHR5:20448936	SSF x Far_LoA	-9,18101183	-0,126	0,291
CHR5	2E+07	CHR5:20448938	SSF x Far_LoA	-4,93031449	0,139	0,314
CHR5	2E+07	CHR5:20448946	SSF x Far_LoA	-8,41708961	0,012	0,312
CHR5	2E+07	CHR5:20449019	SSF x Far_LoA	-4,05015369	0,148	0,295
CHR5	2E+07	CHR5:20450148	SSF x Far_LoA	-9,64931366	-0,051	0,307
CHR5	2E+07	CHR5:20450158	SSF x Far_LoA	-11,7664597	-0,020	0,300
CHR5	2E+07	CHR5:20450159	SSF x Far_LoA	-11,1779164	-0,059	0,299
CHR5	2E+07	CHR5:20450174	SSF x Far_LoA	-12,0958045	-0,024	0,291
CHR5	2E+07	CHR5:20450176	SSF x Far_LoA	-11,5555703	-0,024	0,308
CHR5	2E+07	CHR5:20450186	SSF x Far_LoA	-9,47615404	0,069	0,314
CHR5	2E+07	CHR5:20450204	SSF x Far_LoA	-10,2773492	-0,027	0,290
CHR5	2E+07	CHR5:20450207	SSF x Far_LoA	-11,4150133	-0,027	0,297
CHR5	2E+07	CHR5:20450221	SSF x Far_LoA	-12,1963745	0,027	0,298
CHR5	2E+07	CHR5:20450235	SSF x Far_LoA	-11,695715	0,018	0,301
CHR5	2E+07	CHR5:20450239	SSF x Far_LoA	-10,4947437	0,006	0,318
CHR5	2E+07	CHR5:20450241	SSF x Far_LoA	-12,0090106	0,013	0,302
CHR5	2E+07	CHR5:20450247	SSF x Far_LoA	-10,729181	-0,013	0,305
CHR5	2E+07	CHR5:20450248	SSF x Far_LoA	-11,9768126	0,026	0,302
CHR5	2E+07	CHR5:20450251	SSF x Far_LoA	-7,69200703	-0,099	0,307
CHR5	2E+07	CHR5:20450271	SSF x Far_LoA	-12,0531528	0,004	0,297
CHR5	2E+07	CHR5:20450277	SSF x Far_LoA	-11,5830184	-0,014	0,309
CHR5	2E+07	CHR5:20454618	SSF x Far_LoA	-10,7768328	0,068	0,308
CHR5	2E+07	CHR5:20454619	SSF x Far_LoA	-10,4109466	0,037	0,315
CHR5	2E+07	CHR5:20454622	SSF x Far_LoA	-10,0413283	0,034	0,301

CHR5	2E+07	CHR5:20457630	SSF x Far_LoA	-8,87601551	-0,056	0,296
CHR5	2E+07	CHR5:20457671	SSF x Far_LoA	-9,33281715	0,096	0,291
CHR5	2E+07	CHR5:20457771	SSF x Far_LoA	-8,59396944	-0,073	0,296
CHR5	2E+07	CHR5:20457792	SSF x Far_LoA	-8,31551797	-0,058	0,300
CHR5	2E+07	CHR5:20457807	SSF x Far_LoA	-9,21752599	-0,019	0,312
CHR5	2E+07	CHR5:20457842	SSF x Far_LoA	-10,4463877	-0,107	0,306
CHR5	2046333	CHR5:2046333	SSF x Far_LoA	-10,6671804	-0,015	0,300
CHR5	2046431	CHR5:2046431	SSF x Far_LoA	-10,0896778	0,001	0,313
CHR5	2046554	CHR5:2046554	SSF x Far_LoA	-11,2886682	-0,036	0,296
CHR5	2E+07	CHR5:20469718	SSF x Far_LoA	-9,49670257	0,129	0,299
CHR5	2E+07	CHR5:20472280	SSF x Far_LoA	-11,9611255	-0,003	0,313
CHR5	2E+07	CHR5:20487110	SSF x Far_LoA	-3,57637379	-0,190	0,299
CHR5	2E+07	CHR5:20487187	SSF x Far_LoA	-9,57623175	-0,103	0,304
CHR5	2E+07	CHR5:20487192	SSF x Far_LoA	-9,55895894	-0,036	0,307
CHR5	2E+07	CHR5:20487229	SSF x Far_LoA	-9,37364377	0,040	0,297
CHR5	2E+07	CHR5:20487269	SSF x Far_LoA	-7,23445336	0,042	0,319
CHR5	2E+07	CHR5:20487311	SSF x Far_LoA	-10,1315074	-0,079	0,292
CHR5	2E+07	CHR5:20487332	SSF x Far_LoA	-7,39849286	-0,171	0,308
CHR5	20522426	CHR5:20522426	SSF x Far_LoA	-9,54021186	-0,002	0,306
CHR5	20523740	CHR5:20523740	SSF x Far_LoA	-10,849721	-0,040	0,300
CHR5	20523816	CHR5:20523816	SSF x Far_LoA	-8,42014959	-0,030	0,312
CHR5	20523930	CHR5:20523930	SSF x Far_LoA	-9,55595811	0,020	0,284
CHR5	20523940	CHR5:20523940	SSF x Far_LoA	-7,05165933	-0,065	0,328
CHR5	20530333	CHR5:20530333	SSF x Far_LoA	-10,7032562	0,057	0,289
CHR5	20530436	CHR5:20530436	SSF x Far_LoA	-9,14219123	0,003	0,295
CHR5	20530471	CHR5:20530471	SSF x Far_LoA	-8,23377461	-0,049	0,295
CHR5	20530508	CHR5:20530508	SSF x Far_LoA	-2,21366373	-0,062	0,298
CHR5	2053885	CHR5:2053885	SSF x Far_LoA	-8,91129513	0,068	0,300
CHR5	2053887	CHR5:2053887	SSF x Far_LoA	-8,25637856	0,122	0,309
CHR5	20555472	CHR5:20555472	SSF x Far_LoA	-7,29264751	-0,012	0,309
CHR5	20555518	CHR5:20555518	SSF x Far_LoA	-11,8743659	-0,072	0,315
CHR5	20555537	CHR5:20555537	SSF x Far_LoA	-0,28111879	-0,066	0,312
CHR5	20555547	CHR5:20555547	SSF x Far_LoA	-8,41549456	-0,124	0,313
CHR5	20555591	CHR5:20555591	SSF x Far_LoA	-10,2147798	-0,056	0,306
CHR5	20555609	CHR5:20555609	SSF x Far_LoA	-9,12969574	-0,012	0,318
CHR5	20555632	CHR5:20555632	SSF x Far_LoA	-10,3733942	-0,044	0,324
CHR5	20560488	CHR5:20560488	SSF x Far_LoA	-9,20543869	0,104	0,303
CHR5	20560520	CHR5:20560520	SSF x Far_LoA	-9,79737814	0,094	0,304
CHR5	20560521	CHR5:20560521	SSF x Far_LoA	-10,1933384	0,096	0,301
CHR5	20560536	CHR5:20560536	SSF x Far_LoA	-11,0562989	-0,043	0,309
CHR5	20563092	CHR5:20563092	SSF x Far_LoA	-9,93829157	0,063	0,296
CHR5	20570384	CHR5:20570384	SSF x Far_LoA	-9,66760923	-0,011	0,313
CHR5	20572221	CHR5:20572221	SSF x Far_LoA	-9,27326482	-0,009	0,311
CHR5	20572247	CHR5:20572247	SSF x Far_LoA	-8,61827069	0,097	0,309
CHR5	20572251	CHR5:20572251	SSF x Far_LoA	-7,93968923	0,062	0,309
CHR5	20575254	CHR5:20575254	SSF x Far_LoA	-10,3962399	-0,034	0,306
CHR5	20575280	CHR5:20575280	SSF x Far_LoA	-11,1814696	-0,036	0,289
CHR5	20581260	CHR5:20581260	SSF x Far_LoA	-9,48039043	-0,021	0,308
CHR5	20585222	CHR5:20585222	SSF x Far_LoA	-8,97758311	-0,066	0,307
CHR5	20585256	CHR5:20585256	SSF x Far_LoA	-11,6244019	-0,016	0,306
CHR5	20585283	CHR5:20585283	SSF x Far_LoA	-8,62417868	-0,009	0,306
CHR5	20585346	CHR5:20585346	SSF x Far_LoA	-11,1689252	-0,028	0,311
CHR5	20591433	CHR5:20591433	SSF x Far_LoA	-9,0125543	0,007	0,317

CHR5	20596477	CHR5:20596477	SSF x Far_LoA	-10,0016926	0,107	0,302
CHR5	20610794	CHR5:20610794	SSF x Far_LoA	-8,56726839	0,020	0,316
CHR5	20611057	CHR5:20611057	SSF x Far_LoA	-9,16879274	-0,082	0,299
CHR5	20624966	CHR5:20624966	SSF x Far_LoA	-10,7815553	0,078	0,302
CHR5	20625113	CHR5:20625113	SSF x Far_LoA	-9,60028756	0,019	0,316
CHR5	20635396	CHR5:20635396	SSF x Far_LoA	-7,601499	-0,095	0,295
CHR5	20635443	CHR5:20635443	SSF x Far_LoA	-8,52121131	0,117	0,313
CHR5	20635453	CHR5:20635453	SSF x Far_LoA	-9,44435947	-0,102	0,317
CHR5	20635463	CHR5:20635463	SSF x Far_LoA	-8,35709338	-0,143	0,312
CHR5	20635493	CHR5:20635493	SSF x Far_LoA	-10,7081437	0,001	0,302
CHR5	20635508	CHR5:20635508	SSF x Far_LoA	-9,96403704	-0,107	0,302
CHR5	20635516	CHR5:20635516	SSF x Far_LoA	-8,44664753	-0,136	0,308
CHR5	20635544	CHR5:20635544	SSF x Far_LoA	-2,98439984	0,150	0,296
CHR5	20639647	CHR5:20639647	SSF x Far_LoA	-11,4826715	-0,069	0,305
CHR5	20640993	CHR5:20640993	SSF x Far_LoA	-11,3401524	0,008	0,313
CHR5	20641020	CHR5:20641020	SSF x Far_LoA	-9,13206329	0,018	0,311
CHR5	20641021	CHR5:20641021	SSF x Far_LoA	-1,19527288	0,098	0,307
CHR5	20647987	CHR5:20647987	SSF x Far_LoA	-11,1487193	0,085	0,302
CHR5	20648160	CHR5:20648160	SSF x Far_LoA	-10,7047857	-0,048	0,315
CHR5	20648162	CHR5:20648162	SSF x Far_LoA	-6,18634165	-0,211	0,302
CHR5	20650948	CHR5:20650948	SSF x Far_LoA	-9,47547649	-0,010	0,307
CHR5	20652430	CHR5:20652430	SSF x Far_LoA	-7,79321361	0,064	0,303
CHR5	20652455	CHR5:20652455	SSF x Far_LoA	-7,42432961	0,113	0,313
CHR5	20656058	CHR5:20656058	SSF x Far_LoA	-1,92468396	-0,052	0,314
CHR5	20656100	CHR5:20656100	SSF x Far_LoA	-9,04717871	-0,013	0,308
CHR5	20656112	CHR5:20656112	SSF x Far_LoA	-9,98679324	-0,061	0,315
CHR5	20658385	CHR5:20658385	SSF x Far_LoA	-5,52040753	-0,168	0,305
CHR5	20669805	CHR5:20669805	SSF x Far_LoA	-10,219954	-0,122	0,301
CHR5	20669872	CHR5:20669872	SSF x Far_LoA	-6,70535987	-0,030	0,314
CHR5	20669915	CHR5:20669915	SSF x Far_LoA	-9,23762002	-0,105	0,306
CHR5	20670012	CHR5:20670012	SSF x Far_LoA	-9,53706667	-0,084	0,297
CHR5	20670016	CHR5:20670016	SSF x Far_LoA	-4,70185363	-0,111	0,314
CHR5	20670057	CHR5:20670057	SSF x Far_LoA	-8,71128185	-0,026	0,313
CHR5	20670062	CHR5:20670062	SSF x Far_LoA	-9,51434559	0,062	0,298
CHR5	20684498	CHR5:20684498	SSF x Far_LoA	-10,3566272	-0,061	0,300
CHR5	20684558	CHR5:20684558	SSF x Far_LoA	-2,5879934	-0,112	0,303
CHR5	20691247	CHR5:20691247	SSF x Far_LoA	-9,65648867	0,038	0,310
CHR5	20699506	CHR5:20699506	SSF x Far_LoA	-8,98645781	0,026	0,301
CHR5	20699511	CHR5:20699511	SSF x Far_LoA	-5,06748266	-0,110	0,311
CHR5	20699615	CHR5:20699615	SSF x Far_LoA	-9,65328506	0,143	0,298
CHR5	20701159	CHR5:20701159	SSF x Far_LoA	-8,33136462	0,093	0,318
CHR5	20701204	CHR5:20701204	SSF x Far_LoA	5,12875167	0,133	0,312
CHR5	20701209	CHR5:20701209	SSF x Far_LoA	-11,2609336	0,042	0,305
CHR5	20701215	CHR5:20701215	SSF x Far_LoA	-8,34887966	-0,079	0,306
CHR5	20702878	CHR5:20702878	SSF x Far_LoA	-9,19989737	-0,143	0,312
CHR5	20711191	CHR5:20711191	SSF x Far_LoA	-11,7794482	0,030	0,305
CHR5	20716355	CHR5:20716355	SSF x Far_LoA	-9,6373183	0,062	0,308
CHR5	20716388	CHR5:20716388	SSF x Far_LoA	-6,66706791	-0,005	0,309
CHR5	20723266	CHR5:20723266	SSF x Far_LoA	-9,38737792	0,138	0,305
CHR5	20724001	CHR5:20724001	SSF x Far_LoA	-8,65773871	0,014	0,313
CHR5	20724004	CHR5:20724004	SSF x Far_LoA	-9,35656284	0,099	0,305
CHR5	20724013	CHR5:20724013	SSF x Far_LoA	-8,03268613	0,026	0,305
CHR5	20724048	CHR5:20724048	SSF x Far_LoA	-7,17478345	0,134	0,300

CHR5	20724055	CHR5:20724055	SSF x Far_LoA	-5,88269156	-0,022	0,306
CHR5	20724110	CHR5:20724110	SSF x Far_LoA	-7,95524976	-0,077	0,298
CHR5	20727393	CHR5:20727393	SSF x Far_LoA	-10,7564202	0,069	0,311
CHR5	20736509	CHR5:20736509	SSF x Far_LoA	-9,09291678	-0,044	0,303
CHR5	20753471	CHR5:20753471	SSF x Far_LoA	-6,75245869	0,084	0,322
CHR5	20753527	CHR5:20753527	SSF x Far_LoA	-8,45786725	0,044	0,309
CHR5	20758151	CHR5:20758151	SSF x Far_LoA	-8,74881515	0,032	0,307
CHR5	20758166	CHR5:20758166	SSF x Far_LoA	-11,498331	-0,059	0,310
CHR5	20759316	CHR5:20759316	SSF x Far_LoA	-8,65230926	0,074	0,297
CHR5	20759346	CHR5:20759346	SSF x Far_LoA	-10,7010462	-0,022	0,295
CHR5	20759361	CHR5:20759361	SSF x Far_LoA	-7,5416437	0,055	0,314
CHR5	20762606	CHR5:20762606	SSF x Far_LoA	-9,77671394	0,032	0,304
CHR5	20762632	CHR5:20762632	SSF x Far_LoA	-9,95045304	0,048	0,314
CHR5	20762702	CHR5:20762702	SSF x Far_LoA	-8,73833983	0,029	0,317
CHR5	20762762	CHR5:20762762	SSF x Far_LoA	-9,60431716	0,049	0,316
CHR5	20766354	CHR5:20766354	SSF x Far_LoA	-8,02891142	-0,130	0,297
CHR5	20766371	CHR5:20766371	SSF x Far_LoA	-8,58607187	0,013	0,311
CHR5	20766399	CHR5:20766399	SSF x Far_LoA	-9,96147434	0,035	0,296
CHR5	20766403	CHR5:20766403	SSF x Far_LoA	-10,5768398	-0,059	0,300
CHR5	20766436	CHR5:20766436	SSF x Far_LoA	-8,95070747	-0,028	0,321
CHR5	20766464	CHR5:20766464	SSF x Far_LoA	-10,7804065	-0,083	0,298
CHR5	20774438	CHR5:20774438	SSF x Far_LoA	-9,90974136	0,062	0,291
CHR5	20778335	CHR5:20778335	SSF x Far_LoA	-9,98106096	-0,090	0,311
CHR5	20778403	CHR5:20778403	SSF x Far_LoA	-11,771953	-0,005	0,303
CHR5	20778512	CHR5:20778512	SSF x Far_LoA	-7,9347774	0,051	0,308
CHR5	20779571	CHR5:20779571	SSF x Far_LoA	-9,76163467	0,151	0,301
CHR5	20781315	CHR5:20781315	SSF x Far_LoA	-5,79232929	-0,198	0,301
CHR5	2078220	CHR5:2078220	SSF x Far_LoA	-8,24571277	0,013	0,313
CHR5	20784262	CHR5:20784262	SSF x Far_LoA	2,79831404	-0,116	0,307
CHR5	20784276	CHR5:20784276	SSF x Far_LoA	-10,5106024	0,009	0,307
CHR5	20784343	CHR5:20784343	SSF x Far_LoA	-10,2119234	-0,009	0,309
CHR5	20785960	CHR5:20785960	SSF x Far_LoA	-10,8489293	-0,026	0,304
CHR5	20785979	CHR5:20785979	SSF x Far_LoA	-10,459466	0,031	0,317
CHR5	20786048	CHR5:20786048	SSF x Far_LoA	-10,5271377	-0,004	0,311
CHR5	20786118	CHR5:20786118	SSF x Far_LoA	-6,54439593	0,190	0,298
CHR5	20790869	CHR5:20790869	SSF x Far_LoA	-8,87389259	-0,049	0,312
CHR5	20790878	CHR5:20790878	SSF x Far_LoA	-9,78730993	-0,091	0,292
CHR5	20796722	CHR5:20796722	SSF x Far_LoA	-3,00845332	0,147	0,304
CHR5	20796802	CHR5:20796802	SSF x Far_LoA	-7,11333186	0,034	0,312
CHR5	20796815	CHR5:20796815	SSF x Far_LoA	-8,7617572	-0,079	0,316
CHR5	20796836	CHR5:20796836	SSF x Far_LoA	-10,308287	0,017	0,306
CHR5	20796838	CHR5:20796838	SSF x Far_LoA	-11,3633273	-0,004	0,305
CHR5	20796903	CHR5:20796903	SSF x Far_LoA	-8,64680045	0,084	0,301
CHR5	20798498	CHR5:20798498	SSF x Far_LoA	-8,84780494	-0,131	0,284
CHR5	20809173	CHR5:20809173	SSF x Far_LoA	-8,73679054	0,029	0,305
CHR5	20809245	CHR5:20809245	SSF x Far_LoA	-9,19442672	0,034	0,313
CHR5	20809285	CHR5:20809285	SSF x Far_LoA	-8,35256364	-0,006	0,300
CHR5	20809313	CHR5:20809313	SSF x Far_LoA	-5,83922937	-0,169	0,289
CHR5	20809322	CHR5:20809322	SSF x Far_LoA	-11,3852791	-0,055	0,305
CHR5	20809346	CHR5:20809346	SSF x Far_LoA	-5,86083159	-0,165	0,305
CHR5	20814087	CHR5:20814087	SSF x Far_LoA	-8,7485352	-0,029	0,309
CHR5	20814191	CHR5:20814191	SSF x Far_LoA	-1,181238	-0,069	0,301
CHR5	20828015	CHR5:20828015	SSF x Far_LoA	-10,3316545	0,007	0,310

CHR5	20828051	CHR5:20828051	SSF x Far_LoA	-8,40627325	0,022	0,318
CHR5	20828143	CHR5:20828143	SSF x Far_LoA	-3,38160476	0,010	0,300
CHR5	20829818	CHR5:20829818	SSF x Far_LoA	-10,7705801	-0,011	0,298
CHR5	20829830	CHR5:20829830	SSF x Far_LoA	-6,43780655	-0,028	0,317
CHR5	20829839	CHR5:20829839	SSF x Far_LoA	-11,6561101	0,061	0,304
CHR5	20829843	CHR5:20829843	SSF x Far_LoA	-10,3105026	-0,024	0,301
CHR5	20829853	CHR5:20829853	SSF x Far_LoA	-8,14336236	-0,041	0,317
CHR5	20829873	CHR5:20829873	SSF x Far_LoA	-8,85404608	-0,023	0,319
CHR5	20829875	CHR5:20829875	SSF x Far_LoA	-9,0953154	-0,028	0,315
CHR5	20834927	CHR5:20834927	SSF x Far_LoA	-10,2448639	0,041	0,311
CHR5	20861046	CHR5:20861046	SSF x Far_LoA	-8,99024304	0,132	0,296
CHR5	20861651	CHR5:20861651	SSF x Far_LoA	-11,4542764	0,027	0,310
CHR5	20861775	CHR5:20861775	SSF x Far_LoA	-8,77745187	0,020	0,303
CHR5	20863874	CHR5:20863874	SSF x Far_LoA	-10,9080647	0,068	0,300
CHR5	20871146	CHR5:20871146	SSF x Far_LoA	-11,7812416	0,006	0,312
CHR5	20871195	CHR5:20871195	SSF x Far_LoA	-11,5122912	-0,022	0,305
CHR5	20871201	CHR5:20871201	SSF x Far_LoA	-9,59236647	-0,033	0,305
CHR5	20871202	CHR5:20871202	SSF x Far_LoA	-7,93343399	-0,065	0,321
CHR5	20879853	CHR5:20879853	SSF x Far_LoA	-9,57884977	0,189	0,302
CHR5	2088008	CHR5:2088008	SSF x Far_LoA	-8,89311556	0,192	0,304
CHR5	20888740	CHR5:20888740	SSF x Far_LoA	-6,04940383	-0,087	0,306
CHR5	2090808	CHR5:2090808	SSF x Far_LoA	-6,84470127	0,138	0,304
CHR5	2090823	CHR5:2090823	SSF x Far_LoA	-7,11633465	0,139	0,308
CHR5	2090828	CHR5:2090828	SSF x Far_LoA	-7,14203575	-0,136	0,308
CHR5	20924949	CHR5:20924949	SSF x Far_LoA	-5,98081284	0,036	0,299
CHR5	20960244	CHR5:20960244	SSF x Far_LoA	-8,27010955	-0,043	0,320
CHR5	20966198	CHR5:20966198	SSF x Far_LoA	-11,4139908	-0,023	0,308
CHR5	20966230	CHR5:20966230	SSF x Far_LoA	-9,29546248	-0,041	0,310
CHR5	20980076	CHR5:20980076	SSF x Far_LoA	-12,0819892	0,016	0,302
CHR5	20980306	CHR5:20980306	SSF x Far_LoA	-9,83288835	0,033	0,310
CHR5	2098339	CHR5:2098339	SSF x Far_LoA	-10,9089794	-0,004	0,316
CHR5	20993821	CHR5:20993821	SSF x Far_LoA	-9,84570578	0,059	0,311
CHR5	21017374	CHR5:21017374	SSF x Far_LoA	-10,4672671	-0,046	0,304
CHR5	21018760	CHR5:21018760	SSF x Far_LoA	-9,31675567	0,062	0,303
CHR5	21023813	CHR5:21023813	SSF x Far_LoA	-7,07001439	0,005	0,321
CHR5	21023933	CHR5:21023933	SSF x Far_LoA	-8,37445407	0,061	0,317
CHR5	21026182	CHR5:21026182	SSF x Far_LoA	-11,8854462	0,034	0,290
CHR5	21031037	CHR5:21031037	SSF x Far_LoA	-9,72751797	0,021	0,319
CHR5	21032378	CHR5:21032378	SSF x Far_LoA	-9,36319563	0,009	0,315
CHR5	21033552	CHR5:21033552	SSF x Far_LoA	-10,2819981	0,125	0,310
CHR5	21033606	CHR5:21033606	SSF x Far_LoA	10,1113743	-0,034	0,313
CHR5	21033671	CHR5:21033671	SSF x Far_LoA	-8,89711892	-0,095	0,306
CHR5	21044909	CHR5:21044909	SSF x Far_LoA	-9,81755933	-0,072	0,299
CHR5	21044910	CHR5:21044910	SSF x Far_LoA	-9,25213453	-0,094	0,306
CHR5	21045015	CHR5:21045015	SSF x Far_LoA	-10,8033797	-0,075	0,311
CHR5	21045115	CHR5:21045115	SSF x Far_LoA	-10,1758283	0,071	0,309
CHR5	21052905	CHR5:21052905	SSF x Far_LoA	-7,60960984	0,100	0,317
CHR5	21052950	CHR5:21052950	SSF x Far_LoA	-11,4878432	0,070	0,305
CHR5	21060062	CHR5:21060062	SSF x Far_LoA	-8,03269661	-0,095	0,308
CHR5	21060099	CHR5:21060099	SSF x Far_LoA	-7,00011274	0,050	0,312
CHR5	21060998	CHR5:21060998	SSF x Far_LoA	-10,44342	0,046	0,318
CHR5	21061029	CHR5:21061029	SSF x Far_LoA	-6,87065508	0,105	0,324
CHR5	21061090	CHR5:21061090	SSF x Far_LoA	-10,2536266	-0,066	0,311

CHR5	21061117	CHR5:21061117	SSF x Far_LoA	-5,94418121	0,143	0,303
CHR5	21061133	CHR5:21061133	SSF x Far_LoA	-8,59893159	0,114	0,315
CHR5	21081351	CHR5:21081351	SSF x Far_LoA	-9,27963586	-0,110	0,293
CHR5	21087449	CHR5:21087449	SSF x Far_LoA	-9,03699964	0,030	0,302
CHR5	21087493	CHR5:21087493	SSF x Far_LoA	-10,6742311	-0,002	0,288
CHR5	21087611	CHR5:21087611	SSF x Far_LoA	-8,73933123	0,002	0,320
CHR5	21091127	CHR5:21091127	SSF x Far_LoA	-10,0899092	-0,049	0,318
CHR5	21105577	CHR5:21105577	SSF x Far_LoA	-9,53861266	0,024	0,304
CHR5	21107950	CHR5:21107950	SSF x Far_LoA	-10,9484915	0,024	0,313
CHR5	2110848	CHR5:2110848	SSF x Far_LoA	-10,8292787	-0,101	0,305
CHR5	2110924	CHR5:2110924	SSF x Far_LoA	-9,78067124	-0,069	0,306
CHR5	2112929	CHR5:2112929	SSF x Far_LoA	-7,91208311	-0,021	0,314
CHR5	2112944	CHR5:2112944	SSF x Far_LoA	-8,80327098	-0,047	0,311
CHR5	21130662	CHR5:21130662	SSF x Far_LoA	1,58816363	-0,174	0,296
CHR5	21140476	CHR5:21140476	SSF x Far_LoA	-8,30327739	-0,031	0,304
CHR5	21140525	CHR5:21140525	SSF x Far_LoA	-8,64749259	-0,122	0,299
CHR5	21151839	CHR5:21151839	SSF x Far_LoA	-9,65438212	-0,019	0,304
CHR5	21151896	CHR5:21151896	SSF x Far_LoA	-8,12940231	0,024	0,310
CHR5	21151908	CHR5:21151908	SSF x Far_LoA	-9,89734564	-0,031	0,294
CHR5	21151909	CHR5:21151909	SSF x Far_LoA	-11,170079	-0,024	0,307
CHR5	21151918	CHR5:21151918	SSF x Far_LoA	-11,998886	-0,072	0,289
CHR5	21151961	CHR5:21151961	SSF x Far_LoA	-11,6130228	0,102	0,295
CHR5	21152030	CHR5:21152030	SSF x Far_LoA	-8,84369501	-0,059	0,306
CHR5	21154794	CHR5:21154794	SSF x Far_LoA	-9,5567816	-0,042	0,316
CHR5	21154890	CHR5:21154890	SSF x Far_LoA	-10,4667613	-0,028	0,313
CHR5	21159808	CHR5:21159808	SSF x Far_LoA	-10,154842	0,047	0,304
CHR5	21159941	CHR5:21159941	SSF x Far_LoA	-11,9078165	-0,021	0,302
CHR5	21159957	CHR5:21159957	SSF x Far_LoA	-8,49014992	0,062	0,313
CHR5	21166376	CHR5:21166376	SSF x Far_LoA	-6,55361021	0,155	0,308
CHR5	21166405	CHR5:21166405	SSF x Far_LoA	-10,9182951	-0,021	0,309
CHR5	2116774	CHR5:2116774	SSF x Far_LoA	-9,50160933	0,017	0,299
CHR5	2116801	CHR5:2116801	SSF x Far_LoA	-9,90629986	0,059	0,302
CHR5	2117611	CHR5:2117611	SSF x Far_LoA	-10,8975929	0,041	0,310
CHR5	2117665	CHR5:2117665	SSF x Far_LoA	-9,97847452	-0,104	0,299
CHR5	21178697	CHR5:21178697	SSF x Far_LoA	-8,32177605	0,136	0,301
CHR5	21178899	CHR5:21178899	SSF x Far_LoA	-5,24760224	0,062	0,302
CHR5	21206206	CHR5:21206206	SSF x Far_LoA	-10,5418719	0,054	0,310
CHR5	21256621	CHR5:21256621	SSF x Far_LoA	-11,102119	0,020	0,292
CHR5	21284542	CHR5:21284542	SSF x Far_LoA	-12,0680927	0,036	0,292
CHR5	21308157	CHR5:21308157	SSF x Far_LoA	-10,1145076	-0,030	0,325
CHR5	21308229	CHR5:21308229	SSF x Far_LoA	-10,2251708	0,110	0,301
CHR5	21308230	CHR5:21308230	SSF x Far_LoA	-3,68437732	-0,019	0,310
CHR5	21308241	CHR5:21308241	SSF x Far_LoA	-7,78703812	-0,050	0,308
CHR5	21308268	CHR5:21308268	SSF x Far_LoA	-10,449116	0,076	0,304
CHR5	21308317	CHR5:21308317	SSF x Far_LoA	-10,935455	-0,010	0,300
CHR5	21314532	CHR5:21314532	SSF x Far_LoA	-9,88995792	0,042	0,313
CHR5	21314566	CHR5:21314566	SSF x Far_LoA	-9,94296123	0,135	0,307
CHR5	21314580	CHR5:21314580	SSF x Far_LoA	1,36840534	0,171	0,291
CHR5	21314581	CHR5:21314581	SSF x Far_LoA	-7,90053418	0,157	0,300
CHR5	21314588	CHR5:21314588	SSF x Far_LoA	-5,51668737	0,237	0,285
CHR5	21314605	CHR5:21314605	SSF x Far_LoA	-2,16191587	0,236	0,288
CHR5	21319782	CHR5:21319782	SSF x Far_LoA	-8,83845336	-0,117	0,298
CHR5	21319835	CHR5:21319835	SSF x Far_LoA	-8,14382465	-0,124	0,304

CHR5	21319846	CHR5:21319846	SSF x Far_LoA	-5,90993063	-0,103	0,311
CHR5	21323678	CHR5:21323678	SSF x Far_LoA	-9,23461857	0,042	0,316
CHR5	21340461	CHR5:21340461	SSF x Far_LoA	-10,7997287	-0,075	0,317
CHR5	21340553	CHR5:21340553	SSF x Far_LoA	1,16490267	-0,057	0,313
CHR5	21349136	CHR5:21349136	SSF x Far_LoA	-8,74004705	0,049	0,309
CHR5	21349390	CHR5:21349390	SSF x Far_LoA	-6,42759061	0,074	0,315
CHR5	21359700	CHR5:21359700	SSF x Far_LoA	-8,95848446	0,063	0,319
CHR5	21363465	CHR5:21363465	SSF x Far_LoA	-11,4084315	-0,020	0,318
CHR5	21363467	CHR5:21363467	SSF x Far_LoA	-7,28145307	-0,109	0,298
CHR5	21363479	CHR5:21363479	SSF x Far_LoA	-6,76247682	-0,111	0,288
CHR5	21363509	CHR5:21363509	SSF x Far_LoA	-10,8806167	0,011	0,301
CHR5	21363634	CHR5:21363634	SSF x Far_LoA	-9,28982269	0,049	0,286
CHR5	21365167	CHR5:21365167	SSF x Far_LoA	-10,8637032	0,059	0,306
CHR5	21365242	CHR5:21365242	SSF x Far_LoA	-9,34665352	0,023	0,291
CHR5	21365480	CHR5:21365480	SSF x Far_LoA	-9,85895301	-0,089	0,304
CHR5	21365482	CHR5:21365482	SSF x Far_LoA	-10,378908	-0,063	0,316
CHR5	21365484	CHR5:21365484	SSF x Far_LoA	-5,98279394	-0,136	0,308
CHR5	21365547	CHR5:21365547	SSF x Far_LoA	-10,3925005	0,100	0,304
CHR5	21365550	CHR5:21365550	SSF x Far_LoA	-5,93028153	0,107	0,302
CHR5	21365592	CHR5:21365592	SSF x Far_LoA	-11,4175867	0,029	0,299
CHR5	21365597	CHR5:21365597	SSF x Far_LoA	-8,93154115	0,096	0,300
CHR5	21365608	CHR5:21365608	SSF x Far_LoA	-6,99045354	-0,030	0,297
CHR5	21373928	CHR5:21373928	SSF x Far_LoA	-11,6866974	-0,075	0,306
CHR5	21373999	CHR5:21373999	SSF x Far_LoA	-10,8057774	0,018	0,317
CHR5	21376082	CHR5:21376082	SSF x Far_LoA	-8,69461594	-0,052	0,307
CHR5	21378445	CHR5:21378445	SSF x Far_LoA	-7,66558954	-0,034	0,300
CHR5	21381777	CHR5:21381777	SSF x Far_LoA	-6,9772194	0,079	0,297
CHR5	21381802	CHR5:21381802	SSF x Far_LoA	-10,1450217	-0,032	0,291
CHR5	21381824	CHR5:21381824	SSF x Far_LoA	-8,35913375	0,000	0,299
CHR5	21383160	CHR5:21383160	SSF x Far_LoA	-7,47207007	-0,026	0,325
CHR5	21383233	CHR5:21383233	SSF x Far_LoA	-11,8229295	0,022	0,300
CHR5	21397826	CHR5:21397826	SSF x Far_LoA	-8,09489102	-0,170	0,290
CHR5	21397930	CHR5:21397930	SSF x Far_LoA	-11,5361968	-0,023	0,311
CHR5	21398746	CHR5:21398746	SSF x Far_LoA	-10,9826141	-0,049	0,312
CHR5	21403010	CHR5:21403010	SSF x Far_LoA	-11,5077664	0,041	0,314
CHR5	21403081	CHR5:21403081	SSF x Far_LoA	-11,9621749	0,046	0,304
CHR5	21427460	CHR5:21427460	SSF x Far_LoA	-7,30555196	0,055	0,306
CHR5	21427491	CHR5:21427491	SSF x Far_LoA	-7,66768977	0,083	0,316
CHR5	21427640	CHR5:21427640	SSF x Far_LoA	-8,81979635	0,053	0,322
CHR5	21436937	CHR5:21436937	SSF x Far_LoA	-8,78112106	-0,046	0,307
CHR5	21436950	CHR5:21436950	SSF x Far_LoA	-10,9538227	0,090	0,306
CHR5	21436964	CHR5:21436964	SSF x Far_LoA	-10,8040014	0,083	0,312
CHR5	21436967	CHR5:21436967	SSF x Far_LoA	-10,8287567	0,060	0,308
CHR5	21436969	CHR5:21436969	SSF x Far_LoA	-7,20849174	0,062	0,315
CHR5	21436970	CHR5:21436970	SSF x Far_LoA	-9,64026878	0,062	0,303
CHR5	21436986	CHR5:21436986	SSF x Far_LoA	-11,2833658	0,034	0,309
CHR5	21436987	CHR5:21436987	SSF x Far_LoA	-9,23291668	-0,079	0,313
CHR5	21436989	CHR5:21436989	SSF x Far_LoA	-8,52938583	-0,094	0,300
CHR5	21437018	CHR5:21437018	SSF x Far_LoA	-10,8759868	0,025	0,301
CHR5	21437087	CHR5:21437087	SSF x Far_LoA	-10,3084902	-0,088	0,306
CHR5	21437102	CHR5:21437102	SSF x Far_LoA	-8,89037991	-0,073	0,286
CHR5	21444411	CHR5:21444411	SSF x Far_LoA	-7,09008494	-0,101	0,308
CHR5	21448415	CHR5:21448415	SSF x Far_LoA	-5,09640765	0,067	0,300

CHR5	21448574	CHR5:21448574	SSF x Far_LoA	-10,4149062	-0,016	0,308
CHR5	21448640	CHR5:21448640	SSF x Far_LoA	-12,2894771	0,053	0,307
CHR5	21456930	CHR5:21456930	SSF x Far_LoA	-7,26261749	-0,092	0,316
CHR5	21456966	CHR5:21456966	SSF x Far_LoA	-7,77386209	0,106	0,307
CHR5	21456967	CHR5:21456967	SSF x Far_LoA	-11,3446523	0,134	0,307
CHR5	21469992	CHR5:21469992	SSF x Far_LoA	-8,74254964	0,040	0,301
CHR5	21470000	CHR5:21470000	SSF x Far_LoA	-11,5326466	0,121	0,289
CHR5	21480045	CHR5:21480045	SSF x Far_LoA	-9,07921695	-0,162	0,308
CHR5	21481466	CHR5:21481466	SSF x Far_LoA	-5,2409811	0,031	0,303
CHR5	21481475	CHR5:21481475	SSF x Far_LoA	-10,7866446	-0,062	0,302
CHR5	21481588	CHR5:21481588	SSF x Far_LoA	-7,16615188	0,032	0,316
CHR5	21491661	CHR5:21491661	SSF x Far_LoA	-9,9205379	-0,093	0,304
CHR5	21491698	CHR5:21491698	SSF x Far_LoA	-9,18936845	0,087	0,300
CHR5	21491735	CHR5:21491735	SSF x Far_LoA	-7,57859188	-0,013	0,316
CHR5	21491755	CHR5:21491755	SSF x Far_LoA	-11,4612455	0,030	0,297
CHR5	21491776	CHR5:21491776	SSF x Far_LoA	-7,73015356	0,010	0,320
CHR5	21491897	CHR5:21491897	SSF x Far_LoA	-11,0462659	-0,050	0,311
CHR5	21496154	CHR5:21496154	SSF x Far_LoA	-8,23323765	-0,102	0,304
CHR5	21496222	CHR5:21496222	SSF x Far_LoA	-9,40412056	-0,018	0,304
CHR5	21496238	CHR5:21496238	SSF x Far_LoA	-8,66121384	-0,063	0,311
CHR5	21496245	CHR5:21496245	SSF x Far_LoA	-8,28203704	0,057	0,300
CHR5	21505508	CHR5:21505508	SSF x Far_LoA	-9,96808763	-0,095	0,293
CHR5	21505533	CHR5:21505533	SSF x Far_LoA	-8,83050468	0,042	0,318
CHR5	21505554	CHR5:21505554	SSF x Far_LoA	-9,54843696	0,026	0,304
CHR5	21505562	CHR5:21505562	SSF x Far_LoA	-10,1380486	-0,127	0,297
CHR5	21505574	CHR5:21505574	SSF x Far_LoA	-11,982194	-0,017	0,304
CHR5	21509877	CHR5:21509877	SSF x Far_LoA	-11,8794306	-0,017	0,305
CHR5	21509878	CHR5:21509878	SSF x Far_LoA	-4,55463799	-0,092	0,304
CHR5	21509916	CHR5:21509916	SSF x Far_LoA	-6,26635627	0,018	0,317
CHR5	21509995	CHR5:21509995	SSF x Far_LoA	-8,95938852	-0,122	0,295
CHR5	21509999	CHR5:21509999	SSF x Far_LoA	-9,10193005	-0,105	0,291
CHR5	21510050	CHR5:21510050	SSF x Far_LoA	-10,6555715	0,032	0,317
CHR5	21510062	CHR5:21510062	SSF x Far_LoA	-11,3289948	-0,095	0,306
CHR5	21510082	CHR5:21510082	SSF x Far_LoA	-9,06626654	0,113	0,295
CHR5	21510109	CHR5:21510109	SSF x Far_LoA	-8,66579377	-0,087	0,311
CHR5	21510114	CHR5:21510114	SSF x Far_LoA	-9,95808618	0,012	0,303
CHR5	21510136	CHR5:21510136	SSF x Far_LoA	-8,12890502	0,078	0,305
CHR5	21514412	CHR5:21514412	SSF x Far_LoA	-10,8600587	0,032	0,305
CHR5	21514435	CHR5:21514435	SSF x Far_LoA	-11,9125352	0,008	0,313
CHR5	21514443	CHR5:21514443	SSF x Far_LoA	-8,18310247	0,015	0,316
CHR5	21514614	CHR5:21514614	SSF x Far_LoA	-10,4354436	0,050	0,301
CHR5	21514684	CHR5:21514684	SSF x Far_LoA	-7,73373152	0,001	0,308
CHR5	21515939	CHR5:21515939	SSF x Far_LoA	-2,92788663	0,143	0,300
CHR5	21518405	CHR5:21518405	SSF x Far_LoA	-8,39151198	0,130	0,295
CHR5	21518416	CHR5:21518416	SSF x Far_LoA	-9,8603785	0,034	0,298
CHR5	21534286	CHR5:21534286	SSF x Far_LoA	-6,52310623	0,176	0,288
CHR5	21534297	CHR5:21534297	SSF x Far_LoA	-7,81057365	0,180	0,292
CHR5	21534331	CHR5:21534331	SSF x Far_LoA	-7,27258867	-0,111	0,307
CHR5	21534397	CHR5:21534397	SSF x Far_LoA	-9,90369925	0,032	0,314
CHR5	21535760	CHR5:21535760	SSF x Far_LoA	-11,9722151	-0,012	0,306
CHR5	21537709	CHR5:21537709	SSF x Far_LoA	-9,09750949	-0,012	0,307
CHR5	21537711	CHR5:21537711	SSF x Far_LoA	-9,10606328	0,002	0,308
CHR5	21537757	CHR5:21537757	SSF x Far_LoA	-7,35541914	-0,142	0,303

CHR5	21537788	CHR5:21537788	SSF x Far_LoA	-9,90547349	-0,025	0,306
CHR5	21540318	CHR5:21540318	SSF x Far_LoA	-9,47112441	0,025	0,307
CHR5	21541494	CHR5:21541494	SSF x Far_LoA	-9,95077841	-0,028	0,297
CHR5	21541670	CHR5:21541670	SSF x Far_LoA	-11,3100926	0,088	0,305
CHR5	21556014	CHR5:21556014	SSF x Far_LoA	-11,3682873	-0,043	0,294
CHR5	21556153	CHR5:21556153	SSF x Far_LoA	-9,11652577	-0,036	0,298
CHR5	21556198	CHR5:21556198	SSF x Far_LoA	-10,4919094	-0,018	0,324
CHR5	21556247	CHR5:21556247	SSF x Far_LoA	-10,8309311	0,057	0,306
CHR5	21557893	CHR5:21557893	SSF x Far_LoA	-9,90948393	-0,008	0,312
CHR5	21562144	CHR5:21562144	SSF x Far_LoA	-11,9042838	-0,035	0,299
CHR5	21562251	CHR5:21562251	SSF x Far_LoA	-6,42113067	-0,006	0,293
CHR5	21566453	CHR5:21566453	SSF x Far_LoA	-9,63635042	0,017	0,296
CHR5	2157258	CHR5:2157258	SSF x Far_LoA	-8,01576806	-0,076	0,319
CHR5	21574409	CHR5:21574409	SSF x Far_LoA	-8,63719086	0,040	0,317
CHR5	21574534	CHR5:21574534	SSF x Far_LoA	-10,6774309	-0,002	0,312
CHR5	21576784	CHR5:21576784	SSF x Far_LoA	-10,1396674	0,003	0,299
CHR5	21576804	CHR5:21576804	SSF x Far_LoA	-9,66648392	-0,013	0,301
CHR5	21579286	CHR5:21579286	SSF x Far_LoA	-9,43941896	-0,029	0,295
CHR5	21603331	CHR5:21603331	SSF x Far_LoA	-12,3692829	0,036	0,305
CHR5	21603344	CHR5:21603344	SSF x Far_LoA	-9,14479879	0,059	0,294
CHR5	21610700	CHR5:21610700	SSF x Far_LoA	-4,00720987	-0,077	0,307
CHR5	2161210	CHR5:2161210	SSF x Far_LoA	-8,94426298	0,017	0,302
CHR5	2161218	CHR5:2161218	SSF x Far_LoA	-8,0903963	0,086	0,312
CHR5	2161284	CHR5:2161284	SSF x Far_LoA	-10,2090414	0,013	0,309
CHR5	21623319	CHR5:21623319	SSF x Far_LoA	-11,7109633	-0,046	0,309
CHR5	21623441	CHR5:21623441	SSF x Far_LoA	-6,86449859	0,130	0,309
CHR5	2163723	CHR5:2163723	SSF x Far_LoA	-11,3847121	0,093	0,300
CHR5	21637702	CHR5:21637702	SSF x Far_LoA	-9,90181491	-0,003	0,306
CHR5	21637703	CHR5:21637703	SSF x Far_LoA	-9,96491287	0,004	0,315
CHR5	21637821	CHR5:21637821	SSF x Far_LoA	-8,55704286	-0,116	0,301
CHR5	21637949	CHR5:21637949	SSF x Far_LoA	-9,80127796	-0,080	0,298
CHR5	2163817	CHR5:2163817	SSF x Far_LoA	-11,1595864	-0,050	0,318
CHR5	2163827	CHR5:2163827	SSF x Far_LoA	-6,17678003	0,119	0,312
CHR5	2163865	CHR5:2163865	SSF x Far_LoA	-10,7931983	-0,103	0,286
CHR5	2163873	CHR5:2163873	SSF x Far_LoA	-12,3362152	-0,009	0,301
CHR5	2163983	CHR5:2163983	SSF x Far_LoA	-11,9868415	-0,029	0,310
CHR5	21647558	CHR5:21647558	SSF x Far_LoA	-9,04221816	-0,024	0,328
CHR5	21647678	CHR5:21647678	SSF x Far_LoA	-3,57403423	0,153	0,279
CHR5	21655987	CHR5:21655987	SSF x Far_LoA	-8,63974343	-0,184	0,296
CHR5	21659306	CHR5:21659306	SSF x Far_LoA	-7,6054537	0,186	0,304
CHR5	21659372	CHR5:21659372	SSF x Far_LoA	-8,27595554	0,155	0,305
CHR5	21659380	CHR5:21659380	SSF x Far_LoA	-7,02745266	0,259	0,283
CHR5	21659395	CHR5:21659395	SSF x Far_LoA	-4,94241927	0,239	0,276
CHR5	21659405	CHR5:21659405	SSF x Far_LoA	-9,05320021	-0,082	0,302
CHR5	21664268	CHR5:21664268	SSF x Far_LoA	-7,26431098	-0,122	0,313
CHR5	21664289	CHR5:21664289	SSF x Far_LoA	-8,62663403	-0,131	0,307
CHR5	21664294	CHR5:21664294	SSF x Far_LoA	-11,3931268	-0,066	0,308
CHR5	21667571	CHR5:21667571	SSF x Far_LoA	-7,60476141	0,128	0,309
CHR5	21667619	CHR5:21667619	SSF x Far_LoA	-10,4039153	-0,024	0,313
CHR5	21667666	CHR5:21667666	SSF x Far_LoA	-11,1031842	-0,023	0,314
CHR5	21667676	CHR5:21667676	SSF x Far_LoA	4,35863119	0,001	0,322
CHR5	21669363	CHR5:21669363	SSF x Far_LoA	-9,31227029	0,060	0,311
CHR5	21669364	CHR5:21669364	SSF x Far_LoA	-8,61912284	0,048	0,312

CHR5	21669569	CHR5:21669569	SSF x Far_LoA	-8,60514524	-0,117	0,313
CHR5	21677541	CHR5:21677541	SSF x Far_LoA	-7,5394993	0,153	0,313
CHR5	21677544	CHR5:21677544	SSF x Far_LoA	0,16902932	0,157	0,306
CHR5	21677553	CHR5:21677553	SSF x Far_LoA	-9,82122693	-0,002	0,310
CHR5	21677585	CHR5:21677585	SSF x Far_LoA	-6,80416503	-0,086	0,319
CHR5	21677599	CHR5:21677599	SSF x Far_LoA	-7,43463148	-0,086	0,295
CHR5	21702482	CHR5:21702482	SSF x Far_LoA	-6,59830655	-0,084	0,318
CHR5	21702581	CHR5:21702581	SSF x Far_LoA	-8,50551011	-0,112	0,302
CHR5	21702592	CHR5:21702592	SSF x Far_LoA	-8,23218131	-0,125	0,305
CHR5	21702683	CHR5:21702683	SSF x Far_LoA	-8,11009336	-0,022	0,310
CHR5	21707605	CHR5:21707605	SSF x Far_LoA	-7,45313053	-0,034	0,315
CHR5	21707755	CHR5:21707755	SSF x Far_LoA	-10,9539146	-0,026	0,311
CHR5	21711309	CHR5:21711309	SSF x Far_LoA	-9,95268818	0,038	0,314
CHR5	21711311	CHR5:21711311	SSF x Far_LoA	-10,8078351	0,035	0,301
CHR5	21716128	CHR5:21716128	SSF x Far_LoA	-9,80511111	0,062	0,319
CHR5	21716152	CHR5:21716152	SSF x Far_LoA	-11,032418	0,080	0,299
CHR5	21730447	CHR5:21730447	SSF x Far_LoA	-8,51768161	0,015	0,306
CHR5	21742277	CHR5:21742277	SSF x Far_LoA	-11,1601928	0,093	0,309
CHR5	21742466	CHR5:21742466	SSF x Far_LoA	-9,08795313	0,042	0,307
CHR5	21742469	CHR5:21742469	SSF x Far_LoA	-9,03094572	0,035	0,317
CHR5	21742470	CHR5:21742470	SSF x Far_LoA	-9,56152595	0,027	0,314
CHR5	21742480	CHR5:21742480	SSF x Far_LoA	-11,286809	0,025	0,298
CHR5	21742482	CHR5:21742482	SSF x Far_LoA	-10,5391469	0,013	0,311
CHR5	21742483	CHR5:21742483	SSF x Far_LoA	-10,0383213	0,019	0,310
CHR5	21756459	CHR5:21756459	SSF x Far_LoA	-8,41825779	-0,078	0,307
CHR5	21758027	CHR5:21758027	SSF x Far_LoA	-10,0461854	-0,054	0,314
CHR5	21758045	CHR5:21758045	SSF x Far_LoA	-5,37686045	0,165	0,304
CHR5	21758060	CHR5:21758060	SSF x Far_LoA	-10,9684987	-0,005	0,300
CHR5	21761949	CHR5:21761949	SSF x Far_LoA	-9,27499097	-0,046	0,310
CHR5	21761982	CHR5:21761982	SSF x Far_LoA	-10,2232998	0,034	0,304
CHR5	21762022	CHR5:21762022	SSF x Far_LoA	-10,409954	0,009	0,304
CHR5	21762039	CHR5:21762039	SSF x Far_LoA	-11,6193073	0,002	0,306
CHR5	21762217	CHR5:21762217	SSF x Far_LoA	-7,68460882	-0,082	0,310
CHR5	21762322	CHR5:21762322	SSF x Far_LoA	-10,6146581	-0,109	0,289
CHR5	21766627	CHR5:21766627	SSF x Far_LoA	-9,54575376	0,066	0,304
CHR5	21766708	CHR5:21766708	SSF x Far_LoA	-8,38395585	0,025	0,317
CHR5	21770353	CHR5:21770353	SSF x Far_LoA	-9,66684342	0,117	0,297
CHR5	21774160	CHR5:21774160	SSF x Far_LoA	-9,89137538	0,079	0,303
CHR5	21774188	CHR5:21774188	SSF x Far_LoA	-5,1947288	0,151	0,298
CHR5	21774265	CHR5:21774265	SSF x Far_LoA	-7,64285634	0,146	0,298
CHR5	21774344	CHR5:21774344	SSF x Far_LoA	-10,271867	0,064	0,311
CHR5	21775371	CHR5:21775371	SSF x Far_LoA	-10,0332915	0,014	0,325
CHR5	21776666	CHR5:21776666	SSF x Far_LoA	-6,45084219	0,029	0,331
CHR5	21776675	CHR5:21776675	SSF x Far_LoA	-3,57031426	0,031	0,320
CHR5	21776676	CHR5:21776676	SSF x Far_LoA	-11,2995557	-0,034	0,315
CHR5	21776717	CHR5:21776717	SSF x Far_LoA	-10,7704568	0,025	0,310
CHR5	21776742	CHR5:21776742	SSF x Far_LoA	-10,4497923	0,064	0,310
CHR5	21776818	CHR5:21776818	SSF x Far_LoA	-7,59667742	0,035	0,308
CHR5	21776832	CHR5:21776832	SSF x Far_LoA	-9,16824627	0,007	0,305
CHR5	21781711	CHR5:21781711	SSF x Far_LoA	-10,6021708	-0,054	0,302
CHR5	21781808	CHR5:21781808	SSF x Far_LoA	-11,0878536	-0,057	0,299
CHR5	21790671	CHR5:21790671	SSF x Far_LoA	-9,33919012	0,122	0,303
CHR5	21790692	CHR5:21790692	SSF x Far_LoA	-8,01866928	-0,179	0,311

CHR5	21790694	CHR5:21790694	SSF x Far_LoA	-9,46214261	0,044	0,316
CHR5	21790732	CHR5:21790732	SSF x Far_LoA	-7,60983852	-0,117	0,295
CHR5	21790760	CHR5:21790760	SSF x Far_LoA	-11,5819054	0,029	0,311
CHR5	21790764	CHR5:21790764	SSF x Far_LoA	-10,5499358	0,003	0,309
CHR5	21790945	CHR5:21790945	SSF x Far_LoA	-9,13035442	0,029	0,302
CHR5	21796921	CHR5:21796921	SSF x Far_LoA	-9,19562295	0,025	0,303
CHR5	21796981	CHR5:21796981	SSF x Far_LoA	-11,1921114	-0,050	0,299
CHR5	21797014	CHR5:21797014	SSF x Far_LoA	-11,480106	0,040	0,296
CHR5	21797105	CHR5:21797105	SSF x Far_LoA	-8,37289468	0,126	0,307
CHR5	21810462	CHR5:21810462	SSF x Far_LoA	-4,85504323	-0,162	0,298
CHR5	21810472	CHR5:21810472	SSF x Far_LoA	-6,28231067	0,010	0,284
CHR5	21810743	CHR5:21810743	SSF x Far_LoA	-9,10472664	0,061	0,311
CHR5	21810767	CHR5:21810767	SSF x Far_LoA	-8,99409721	0,004	0,309
CHR5	21824862	CHR5:21824862	SSF x Far_LoA	-11,0637812	0,033	0,309
CHR5	21824966	CHR5:21824966	SSF x Far_LoA	-8,9305752	0,158	0,291
CHR5	21832588	CHR5:21832588	SSF x Far_LoA	-6,91281407	-0,001	0,308
CHR5	21832802	CHR5:21832802	SSF x Far_LoA	-4,78212223	-0,193	0,307
CHR5	21836257	CHR5:21836257	SSF x Far_LoA	-7,4733618	0,188	0,298
CHR5	21836326	CHR5:21836326	SSF x Far_LoA	-10,981326	-0,028	0,298
CHR5	21836342	CHR5:21836342	SSF x Far_LoA	-10,2219839	0,055	0,307
CHR5	21836414	CHR5:21836414	SSF x Far_LoA	-11,4820635	-0,006	0,314
CHR5	21839210	CHR5:21839210	SSF x Far_LoA	-10,8720391	-0,026	0,293
CHR5	21839212	CHR5:21839212	SSF x Far_LoA	-6,18635854	-0,025	0,314
CHR5	21839213	CHR5:21839213	SSF x Far_LoA	-7,16408667	0,023	0,313
CHR5	21839245	CHR5:21839245	SSF x Far_LoA	-11,8198943	0,072	0,296
CHR5	21839272	CHR5:21839272	SSF x Far_LoA	-10,0872064	-0,079	0,304
CHR5	21839327	CHR5:21839327	SSF x Far_LoA	-6,78681586	-0,112	0,310
CHR5	21839368	CHR5:21839368	SSF x Far_LoA	-8,25053137	-0,031	0,318
CHR5	21839379	CHR5:21839379	SSF x Far_LoA	-8,45667725	-0,009	0,309
CHR5	21839479	CHR5:21839479	SSF x Far_LoA	-0,77162965	0,117	0,315
CHR5	21843694	CHR5:21843694	SSF x Far_LoA	-9,16870211	0,102	0,313
CHR5	21849285	CHR5:21849285	SSF x Far_LoA	-9,73914688	-0,017	0,305
CHR5	21849292	CHR5:21849292	SSF x Far_LoA	-10,0338537	0,018	0,290
CHR5	21849314	CHR5:21849314	SSF x Far_LoA	-11,693874	0,019	0,308
CHR5	21849407	CHR5:21849407	SSF x Far_LoA	-4,0391167	-0,011	0,325
CHR5	21849735	CHR5:21849735	SSF x Far_LoA	-10,0244888	0,032	0,304
CHR5	21860394	CHR5:21860394	SSF x Far_LoA	-6,42079682	0,105	0,301
CHR5	21860423	CHR5:21860423	SSF x Far_LoA	-9,61912823	-0,078	0,310
CHR5	21860449	CHR5:21860449	SSF x Far_LoA	-8,68649078	0,033	0,319
CHR5	21860450	CHR5:21860450	SSF x Far_LoA	-11,5950499	-0,093	0,291
CHR5	21860491	CHR5:21860491	SSF x Far_LoA	-8,57391484	-0,053	0,309
CHR5	2186052	CHR5:2186052	SSF x Far_LoA	-8,4595491	0,069	0,297
CHR5	21878764	CHR5:21878764	SSF x Far_LoA	-11,3155992	0,023	0,304
CHR5	21878811	CHR5:21878811	SSF x Far_LoA	-8,79657975	-0,034	0,302
CHR5	21878826	CHR5:21878826	SSF x Far_LoA	-5,61615719	0,144	0,305
CHR5	21878957	CHR5:21878957	SSF x Far_LoA	-7,72627545	0,108	0,301
CHR5	21880559	CHR5:21880559	SSF x Far_LoA	-7,73347372	-0,069	0,320
CHR5	21887444	CHR5:21887444	SSF x Far_LoA	-10,5590822	-0,124	0,283
CHR5	21887876	CHR5:21887876	SSF x Far_LoA	-10,4310485	-0,079	0,312
CHR5	21887924	CHR5:21887924	SSF x Far_LoA	-9,09159406	-0,035	0,322
CHR5	21889273	CHR5:21889273	SSF x Far_LoA	-7,35881542	0,068	0,310
CHR5	21889282	CHR5:21889282	SSF x Far_LoA	-9,48827511	0,047	0,315
CHR5	21889338	CHR5:21889338	SSF x Far_LoA	-9,50571096	0,002	0,294

CHR5	21889433	CHR5:21889433	SSF x Far_LoA	-10,5388459	-0,093	0,302
CHR5	21898506	CHR5:21898506	SSF x Far_LoA	-9,45265815	0,051	0,308
CHR5	21898554	CHR5:21898554	SSF x Far_LoA	-11,0900126	-0,084	0,307
CHR5	21902057	CHR5:21902057	SSF x Far_LoA	-12,7420754	0,040	0,306
CHR5	21902086	CHR5:21902086	SSF x Far_LoA	-7,74020944	-0,076	0,300
CHR5	21902117	CHR5:21902117	SSF x Far_LoA	-9,78273367	-0,057	0,301
CHR5	21902119	CHR5:21902119	SSF x Far_LoA	-10,1042571	-0,061	0,299
CHR5	21902121	CHR5:21902121	SSF x Far_LoA	-10,9890084	-0,054	0,289
CHR5	21902129	CHR5:21902129	SSF x Far_LoA	-8,00282912	0,077	0,305
CHR5	21902132	CHR5:21902132	SSF x Far_LoA	-9,62514311	-0,046	0,306
CHR5	21902158	CHR5:21902158	SSF x Far_LoA	-10,0376258	0,024	0,300
CHR5	21902204	CHR5:21902204	SSF x Far_LoA	-9,77597128	0,034	0,305
CHR5	21902222	CHR5:21902222	SSF x Far_LoA	-7,31502669	0,019	0,309
CHR5	21902241	CHR5:21902241	SSF x Far_LoA	-3,71801183	0,034	0,314
CHR5	21902289	CHR5:21902289	SSF x Far_LoA	-9,26594392	0,073	0,322
CHR5	21904205	CHR5:21904205	SSF x Far_LoA	-11,8557522	-0,008	0,317
CHR5	21904235	CHR5:21904235	SSF x Far_LoA	-9,58424539	-0,090	0,299
CHR5	21918312	CHR5:21918312	SSF x Far_LoA	-6,92253224	0,044	0,292
CHR5	21918396	CHR5:21918396	SSF x Far_LoA	-9,25682505	-0,051	0,289
CHR5	21918398	CHR5:21918398	SSF x Far_LoA	-11,3903262	-0,051	0,288
CHR5	21926446	CHR5:21926446	SSF x Far_LoA	-5,67320623	0,085	0,302
CHR5	21926473	CHR5:21926473	SSF x Far_LoA	-10,4578439	-0,027	0,313
CHR5	21926986	CHR5:21926986	SSF x Far_LoA	-8,52824336	-0,051	0,305
CHR5	21926995	CHR5:21926995	SSF x Far_LoA	-10,8195612	0,041	0,298
CHR5	21948288	CHR5:21948288	SSF x Far_LoA	-9,7472581	-0,019	0,310
CHR5	21948362	CHR5:21948362	SSF x Far_LoA	-9,32637534	-0,054	0,300
CHR5	21948431	CHR5:21948431	SSF x Far_LoA	-10,0422699	0,117	0,305
CHR5	21948487	CHR5:21948487	SSF x Far_LoA	-3,65360694	-0,188	0,290
CHR5	21948508	CHR5:21948508	SSF x Far_LoA	-3,0759456	-0,158	0,285
CHR5	21948536	CHR5:21948536	SSF x Far_LoA	-8,65357668	-0,129	0,305
CHR5	21948539	CHR5:21948539	SSF x Far_LoA	-6,36040943	0,163	0,299
CHR5	21952362	CHR5:21952362	SSF x Far_LoA	-9,01467032	-0,030	0,302
CHR5	21952461	CHR5:21952461	SSF x Far_LoA	-10,6614999	0,071	0,303
CHR5	21952467	CHR5:21952467	SSF x Far_LoA	-9,62779616	-0,002	0,308
CHR5	21952479	CHR5:21952479	SSF x Far_LoA	-7,07018636	-0,173	0,311
CHR5	21963808	CHR5:21963808	SSF x Far_LoA	-10,9050158	-0,017	0,313
CHR5	21963861	CHR5:21963861	SSF x Far_LoA	-9,87356391	0,027	0,311
CHR5	21963933	CHR5:21963933	SSF x Far_LoA	-9,18484307	-0,053	0,296
CHR5	21963936	CHR5:21963936	SSF x Far_LoA	-8,38286074	-0,073	0,331
CHR5	21963942	CHR5:21963942	SSF x Far_LoA	-10,5153979	-0,058	0,305
CHR5	21969722	CHR5:21969722	SSF x Far_LoA	-9,53031841	0,081	0,306
CHR5	21969823	CHR5:21969823	SSF x Far_LoA	-5,03306132	0,160	0,311
CHR5	2200764	CHR5:2200764	SSF x Far_LoA	-10,3894764	-0,063	0,310
CHR5	2200765	CHR5:2200765	SSF x Far_LoA	-9,53219139	-0,024	0,306
CHR5	2200982	CHR5:2200982	SSF x Far_LoA	-9,7461015	-0,070	0,306
CHR5	22011224	CHR5:22011224	SSF x Far_LoA	-2,57964093	0,160	0,293
CHR5	22011690	CHR5:22011690	SSF x Far_LoA	-10,6011999	-0,054	0,302
CHR5	22011699	CHR5:22011699	SSF x Far_LoA	-11,3520878	0,011	0,307
CHR5	22013750	CHR5:22013750	SSF x Far_LoA	-8,84158359	0,036	0,299
CHR5	22013754	CHR5:22013754	SSF x Far_LoA	-0,18298105	-0,148	0,306
CHR5	22013755	CHR5:22013755	SSF x Far_LoA	-11,8694663	-0,012	0,306
CHR5	22013773	CHR5:22013773	SSF x Far_LoA	-8,88823947	0,071	0,307
CHR5	22013786	CHR5:22013786	SSF x Far_LoA	-11,8921255	0,005	0,309

CHR5	22013915	CHR5:22013915	SSF x Far_LoA	-10,2852594	0,017	0,300
CHR5	22027047	CHR5:22027047	SSF x Far_LoA	-10,7102986	0,102	0,295
CHR5	22027358	CHR5:22027358	SSF x Far_LoA	-5,07083943	0,175	0,293
CHR5	22028554	CHR5:22028554	SSF x Far_LoA	-9,15484693	0,104	0,303
CHR5	22034581	CHR5:22034581	SSF x Far_LoA	-9,25490673	-0,054	0,302
CHR5	22034637	CHR5:22034637	SSF x Far_LoA	-9,26929026	0,043	0,320
CHR5	22034686	CHR5:22034686	SSF x Far_LoA	-8,2213255	0,098	0,289
CHR5	22040825	CHR5:22040825	SSF x Far_LoA	-11,1506905	-0,037	0,309
CHR5	22040911	CHR5:22040911	SSF x Far_LoA	-10,0806992	0,037	0,302
CHR5	22040977	CHR5:22040977	SSF x Far_LoA	-8,69184271	-0,072	0,320
CHR5	22041012	CHR5:22041012	SSF x Far_LoA	-8,87309072	-0,005	0,312
CHR5	22041019	CHR5:22041019	SSF x Far_LoA	-8,55280154	-0,058	0,312
CHR5	22041027	CHR5:22041027	SSF x Far_LoA	-6,74071074	0,056	0,309
CHR5	22041045	CHR5:22041045	SSF x Far_LoA	-10,0818674	0,002	0,300
CHR5	22041062	CHR5:22041062	SSF x Far_LoA	-12,2774802	-0,074	0,299
CHR5	22051449	CHR5:22051449	SSF x Far_LoA	-6,55846957	-0,145	0,289
CHR5	22059884	CHR5:22059884	SSF x Far_LoA	-11,4550508	0,063	0,318
CHR5	22065725	CHR5:22065725	SSF x Far_LoA	-8,63007824	0,006	0,292
CHR5	22073276	CHR5:22073276	SSF x Far_LoA	-9,492743	-0,078	0,329
CHR5	22073287	CHR5:22073287	SSF x Far_LoA	-11,103975	-0,020	0,294
CHR5	22087199	CHR5:22087199	SSF x Far_LoA	0,72434616	0,228	0,280
CHR5	22087277	CHR5:22087277	SSF x Far_LoA	-10,9500863	-0,017	0,317
CHR5	22107524	CHR5:22107524	SSF x Far_LoA	-10,6410179	0,094	0,310
CHR5	22107534	CHR5:22107534	SSF x Far_LoA	-7,80231587	0,146	0,299
CHR5	22107565	CHR5:22107565	SSF x Far_LoA	-9,09503537	-0,088	0,305
CHR5	22107585	CHR5:22107585	SSF x Far_LoA	-8,9266613	0,083	0,296
CHR5	22111714	CHR5:22111714	SSF x Far_LoA	-10,5319436	0,022	0,304
CHR5	22111776	CHR5:22111776	SSF x Far_LoA	-7,1658656	-0,104	0,299
CHR5	22111863	CHR5:22111863	SSF x Far_LoA	-8,36456253	-0,040	0,297
CHR5	22111887	CHR5:22111887	SSF x Far_LoA	-7,41799356	-0,041	0,306
CHR5	22111899	CHR5:22111899	SSF x Far_LoA	-9,46954682	-0,048	0,322
CHR5	22116343	CHR5:22116343	SSF x Far_LoA	-11,9309089	0,054	0,296
CHR5	22116382	CHR5:22116382	SSF x Far_LoA	-10,3479004	-0,026	0,300
CHR5	22116406	CHR5:22116406	SSF x Far_LoA	-9,96179054	-0,074	0,305
CHR5	22117262	CHR5:22117262	SSF x Far_LoA	-8,56577916	0,031	0,318
CHR5	22117304	CHR5:22117304	SSF x Far_LoA	-8,82901358	0,028	0,303
CHR5	22152869	CHR5:22152869	SSF x Far_LoA	-8,18136544	-0,062	0,301
CHR5	22152907	CHR5:22152907	SSF x Far_LoA	-5,05867896	-0,003	0,319
CHR5	22154351	CHR5:22154351	SSF x Far_LoA	-7,12836744	0,131	0,309
CHR5	22154357	CHR5:22154357	SSF x Far_LoA	-6,90794497	-0,081	0,310
CHR5	22154398	CHR5:22154398	SSF x Far_LoA	-1,94753188	-0,044	0,317
CHR5	22154399	CHR5:22154399	SSF x Far_LoA	-9,3948727	-0,003	0,312
CHR5	22154425	CHR5:22154425	SSF x Far_LoA	-7,79286947	0,097	0,300
CHR5	22154449	CHR5:22154449	SSF x Far_LoA	-7,31175183	-0,095	0,306
CHR5	22154460	CHR5:22154460	SSF x Far_LoA	-9,46042974	-0,040	0,306
CHR5	22154465	CHR5:22154465	SSF x Far_LoA	-6,49407187	-0,076	0,302
CHR5	22154565	CHR5:22154565	SSF x Far_LoA	-10,8456724	-0,013	0,301
CHR5	22154567	CHR5:22154567	SSF x Far_LoA	-10,6572004	-0,027	0,311
CHR5	22154568	CHR5:22154568	SSF x Far_LoA	-8,93632164	-0,121	0,304
CHR5	22154590	CHR5:22154590	SSF x Far_LoA	-9,41556128	0,075	0,302
CHR5	22156130	CHR5:22156130	SSF x Far_LoA	-6,84566675	0,204	0,295
CHR5	22158178	CHR5:22158178	SSF x Far_LoA	-8,80816285	-0,088	0,307
CHR5	22158628	CHR5:22158628	SSF x Far_LoA	-9,96082894	0,009	0,300

CHR5	22172018	CHR5:22172018	SSF x Far_LoA	-9,13252679	-0,068	0,307
CHR5	22181935	CHR5:22181935	SSF x Far_LoA	-9,14456936	0,192	0,294
CHR5	22182033	CHR5:22182033	SSF x Far_LoA	-11,9128678	-0,003	0,306
CHR5	22182192	CHR5:22182192	SSF x Far_LoA	-11,3853335	-0,041	0,307
CHR5	22182195	CHR5:22182195	SSF x Far_LoA	-10,1144962	-0,022	0,329
CHR5	22186087	CHR5:22186087	SSF x Far_LoA	-7,6942834	-0,115	0,314
CHR5	22203397	CHR5:22203397	SSF x Far_LoA	-11,5793919	0,029	0,299
CHR5	22210328	CHR5:22210328	SSF x Far_LoA	-8,8309375	-0,063	0,298
CHR5	22211631	CHR5:22211631	SSF x Far_LoA	-9,62213467	0,071	0,320
CHR5	22218972	CHR5:22218972	SSF x Far_LoA	-9,73082351	0,105	0,299
CHR5	22219003	CHR5:22219003	SSF x Far_LoA	-10,518105	0,106	0,301
CHR5	22219028	CHR5:22219028	SSF x Far_LoA	-9,7840455	-0,051	0,311
CHR5	22219033	CHR5:22219033	SSF x Far_LoA	-9,1495425	0,076	0,310
CHR5	22223380	CHR5:22223380	SSF x Far_LoA	-10,6850067	-0,047	0,302
CHR5	22223463	CHR5:22223463	SSF x Far_LoA	-5,69418204	-0,131	0,305
CHR5	22223562	CHR5:22223562	SSF x Far_LoA	-8,10616562	-0,143	0,298
CHR5	22223667	CHR5:22223667	SSF x Far_LoA	-10,0122078	0,046	0,294
CHR5	22223706	CHR5:22223706	SSF x Far_LoA	-10,4202973	-0,046	0,313
CHR5	22228498	CHR5:22228498	SSF x Far_LoA	-8,26790011	-0,153	0,298
CHR5	22228568	CHR5:22228568	SSF x Far_LoA	-8,00038088	-0,161	0,297
CHR5	22228673	CHR5:22228673	SSF x Far_LoA	-8,18717875	0,017	0,304
CHR5	22228738	CHR5:22228738	SSF x Far_LoA	-8,68982914	-0,016	0,306
CHR5	22228771	CHR5:22228771	SSF x Far_LoA	-8,79044721	-0,015	0,307
CHR5	22228775	CHR5:22228775	SSF x Far_LoA	-9,92841773	0,085	0,303
CHR5	22228783	CHR5:22228783	SSF x Far_LoA	-10,5164565	0,080	0,297
CHR5	22228800	CHR5:22228800	SSF x Far_LoA	-8,3416189	0,103	0,315
CHR5	22228854	CHR5:22228854	SSF x Far_LoA	-9,52533288	0,022	0,310
CHR5	2223930	CHR5:2223930	SSF x Far_LoA	-8,8105289	0,052	0,314
CHR5	2223978	CHR5:2223978	SSF x Far_LoA	-10,2059399	0,022	0,306
CHR5	22240444	CHR5:22240444	SSF x Far_LoA	-10,8693594	-0,018	0,308
CHR5	22242887	CHR5:22242887	SSF x Far_LoA	-11,9222265	-0,008	0,287
CHR5	22242944	CHR5:22242944	SSF x Far_LoA	-5,85593833	0,082	0,308
CHR5	22249032	CHR5:22249032	SSF x Far_LoA	-9,21152169	-0,131	0,309
CHR5	22249095	CHR5:22249095	SSF x Far_LoA	-10,1117421	0,002	0,314
CHR5	22249170	CHR5:22249170	SSF x Far_LoA	-10,3003027	-0,004	0,307
CHR5	22258661	CHR5:22258661	SSF x Far_LoA	-9,80769277	0,049	0,308
CHR5	22261764	CHR5:22261764	SSF x Far_LoA	-11,0320129	-0,032	0,316
CHR5	22269703	CHR5:22269703	SSF x Far_LoA	-9,49595286	-0,025	0,302
CHR5	22269705	CHR5:22269705	SSF x Far_LoA	-9,31558365	0,032	0,287
CHR5	22269723	CHR5:22269723	SSF x Far_LoA	-8,46555003	0,021	0,304
CHR5	22269744	CHR5:22269744	SSF x Far_LoA	-9,66757019	-0,061	0,288
CHR5	22269822	CHR5:22269822	SSF x Far_LoA	-7,96805505	0,062	0,310
CHR5	22269854	CHR5:22269854	SSF x Far_LoA	-12,1857549	0,028	0,290
CHR5	2227335	CHR5:2227335	SSF x Far_LoA	-9,17781717	0,138	0,311
CHR5	2227337	CHR5:2227337	SSF x Far_LoA	-11,0553631	0,109	0,295
CHR5	2227369	CHR5:2227369	SSF x Far_LoA	-6,50083772	-0,090	0,315
CHR5	2227446	CHR5:2227446	SSF x Far_LoA	-3,46820018	-0,112	0,307
CHR5	2227574	CHR5:2227574	SSF x Far_LoA	-10,7318987	0,009	0,316
CHR5	22277861	CHR5:22277861	SSF x Far_LoA	-10,3364589	0,086	0,311
CHR5	22291111	CHR5:22291111	SSF x Far_LoA	-9,11576735	-0,057	0,296
CHR5	22291148	CHR5:22291148	SSF x Far_LoA	-11,9490866	-0,009	0,306
CHR5	22291167	CHR5:22291167	SSF x Far_LoA	-8,48974745	-0,057	0,315
CHR5	22291168	CHR5:22291168	SSF x Far_LoA	-8,4323373	0,100	0,304

CHR5	22291174	CHR5:22291174	SSF x Far_LoA	-10,6853939	-0,002	0,309
CHR5	22291213	CHR5:22291213	SSF x Far_LoA	2,43108092	0,127	0,287
CHR5	22313353	CHR5:22313353	SSF x Far_LoA	-12,0891234	-0,045	0,290
CHR5	22317423	CHR5:22317423	SSF x Far_LoA	-11,0044606	0,007	0,299
CHR5	22320105	CHR5:22320105	SSF x Far_LoA	-10,2476359	-0,138	0,301
CHR5	22320121	CHR5:22320121	SSF x Far_LoA	-7,91586139	-0,144	0,318
CHR5	22320171	CHR5:22320171	SSF x Far_LoA	-10,8043747	-0,138	0,310
CHR5	22337706	CHR5:22337706	SSF x Far_LoA	-5,87213693	-0,203	0,288
CHR5	22337711	CHR5:22337711	SSF x Far_LoA	-5,60093973	-0,166	0,297
CHR5	22337721	CHR5:22337721	SSF x Far_LoA	-7,59386519	0,083	0,298
CHR5	22337798	CHR5:22337798	SSF x Far_LoA	-10,2029653	-0,012	0,311
CHR5	22338019	CHR5:22338019	SSF x Far_LoA	-7,76177321	0,105	0,316
CHR5	22338040	CHR5:22338040	SSF x Far_LoA	-9,65041168	-0,011	0,304
CHR5	22338052	CHR5:22338052	SSF x Far_LoA	2,128707	0,199	0,293
CHR5	22338099	CHR5:22338099	SSF x Far_LoA	-9,5516362	-0,006	0,311
CHR5	22338106	CHR5:22338106	SSF x Far_LoA	-9,34290315	0,040	0,310
CHR5	22342402	CHR5:22342402	SSF x Far_LoA	-11,1202699	0,020	0,303
CHR5	22342417	CHR5:22342417	SSF x Far_LoA	-4,32869705	-0,073	0,306
CHR5	22355288	CHR5:22355288	SSF x Far_LoA	-9,70501584	-0,102	0,306
CHR5	22355444	CHR5:22355444	SSF x Far_LoA	-11,0783384	-0,052	0,317
CHR5	22370528	CHR5:22370528	SSF x Far_LoA	-9,5289698	0,028	0,303
CHR5	22370863	CHR5:22370863	SSF x Far_LoA	-5,52626705	0,159	0,309
CHR5	2237555	CHR5:2237555	SSF x Far_LoA	-10,8248164	0,006	0,300
CHR5	2237658	CHR5:2237658	SSF x Far_LoA	-10,0924442	-0,106	0,299
CHR5	22386379	CHR5:22386379	SSF x Far_LoA	-7,92859179	-0,116	0,299
CHR5	22386426	CHR5:22386426	SSF x Far_LoA	-8,71691522	0,018	0,300
CHR5	22386491	CHR5:22386491	SSF x Far_LoA	-5,25377254	-0,164	0,307
CHR5	22396229	CHR5:22396229	SSF x Far_LoA	-9,90355128	-0,074	0,313
CHR5	22411581	CHR5:22411581	SSF x Far_LoA	-6,40629575	-0,112	0,305
CHR5	22412409	CHR5:22412409	SSF x Far_LoA	-10,4049287	0,000	0,302
CHR5	22412426	CHR5:22412426	SSF x Far_LoA	-10,8668206	-0,008	0,295
CHR5	22414059	CHR5:22414059	SSF x Far_LoA	-11,5171131	0,012	0,299
CHR5	22415471	CHR5:22415471	SSF x Far_LoA	-10,9931084	-0,032	0,316
CHR5	22416155	CHR5:22416155	SSF x Far_LoA	-9,17424839	-0,108	0,312
CHR5	22430092	CHR5:22430092	SSF x Far_LoA	-9,75414616	0,087	0,311
CHR5	22430192	CHR5:22430192	SSF x Far_LoA	-7,97266403	-0,022	0,324
CHR5	22438973	CHR5:22438973	SSF x Far_LoA	-11,274394	0,016	0,310
CHR5	22438990	CHR5:22438990	SSF x Far_LoA	-11,0362965	-0,042	0,298
CHR5	22450040	CHR5:22450040	SSF x Far_LoA	-8,00202928	0,093	0,313
CHR5	22450087	CHR5:22450087	SSF x Far_LoA	-10,7907743	0,047	0,313
CHR5	22450172	CHR5:22450172	SSF x Far_LoA	-7,29143186	0,013	0,300
CHR5	22458063	CHR5:22458063	SSF x Far_LoA	-8,43728549	0,014	0,319
CHR5	22458974	CHR5:22458974	SSF x Far_LoA	-10,7959449	-0,035	0,302
CHR5	2246065	CHR5:2246065	SSF x Far_LoA	-2,94839629	0,057	0,299
CHR5	22467319	CHR5:22467319	SSF x Far_LoA	-8,40975198	-0,033	0,309
CHR5	22467398	CHR5:22467398	SSF x Far_LoA	-11,0247732	0,011	0,318
CHR5	22467437	CHR5:22467437	SSF x Far_LoA	-12,0012748	-0,002	0,309
CHR5	22467449	CHR5:22467449	SSF x Far_LoA	-8,48498938	-0,108	0,305
CHR5	22470902	CHR5:22470902	SSF x Far_LoA	-9,57138136	-0,015	0,308
CHR5	22470908	CHR5:22470908	SSF x Far_LoA	-10,569642	-0,025	0,302
CHR5	22470913	CHR5:22470913	SSF x Far_LoA	-10,9283657	0,086	0,296
CHR5	22470962	CHR5:22470962	SSF x Far_LoA	-8,74326435	0,076	0,304
CHR5	22470972	CHR5:22470972	SSF x Far_LoA	-10,671388	0,059	0,306

CHR5	22471044	CHR5:22471044	SSF x Far_LoA	-9,48200143	0,021	0,309
CHR5	22471084	CHR5:22471084	SSF x Far_LoA	-9,93600978	-0,008	0,297
CHR5	22471139	CHR5:22471139	SSF x Far_LoA	-9,6321803	0,001	0,302
CHR5	22471149	CHR5:22471149	SSF x Far_LoA	-10,5751376	0,002	0,300
CHR5	22471158	CHR5:22471158	SSF x Far_LoA	-10,9607516	-0,052	0,310
CHR5	2247214	CHR5:2247214	SSF x Far_LoA	-9,02849	-0,009	0,318
CHR5	2247245	CHR5:2247245	SSF x Far_LoA	-9,60079646	-0,060	0,314
CHR5	2247290	CHR5:2247290	SSF x Far_LoA	-11,653463	0,021	0,317
CHR5	22478723	CHR5:22478723	SSF x Far_LoA	-6,69651578	0,043	0,307
CHR5	22478794	CHR5:22478794	SSF x Far_LoA	-11,2777676	0,042	0,297
CHR5	22478849	CHR5:22478849	SSF x Far_LoA	-10,5109213	0,016	0,311
CHR5	22478872	CHR5:22478872	SSF x Far_LoA	-9,5056512	-0,062	0,313
CHR5	22478912	CHR5:22478912	SSF x Far_LoA	-9,11074485	-0,056	0,304
CHR5	22478987	CHR5:22478987	SSF x Far_LoA	-10,3999	0,105	0,297
CHR5	22478989	CHR5:22478989	SSF x Far_LoA	-10,2477884	0,017	0,286
CHR5	22479050	CHR5:22479050	SSF x Far_LoA	-7,88881758	0,092	0,312
CHR5	22479058	CHR5:22479058	SSF x Far_LoA	-10,2330904	-0,019	0,282
CHR5	22479063	CHR5:22479063	SSF x Far_LoA	-9,29624119	0,001	0,305
CHR5	22483002	CHR5:22483002	SSF x Far_LoA	-8,90405273	-0,049	0,300
CHR5	22501748	CHR5:22501748	SSF x Far_LoA	-9,49733046	0,103	0,302
CHR5	22501753	CHR5:22501753	SSF x Far_LoA	-8,16389286	0,055	0,309
CHR5	22507469	CHR5:22507469	SSF x Far_LoA	-8,05311522	0,115	0,302
CHR5	22507472	CHR5:22507472	SSF x Far_LoA	-4,60220985	0,122	0,314
CHR5	22507489	CHR5:22507489	SSF x Far_LoA	-7,60012298	0,119	0,305
CHR5	22507491	CHR5:22507491	SSF x Far_LoA	-8,89314256	0,112	0,303
CHR5	22508932	CHR5:22508932	SSF x Far_LoA	-9,56110774	-0,021	0,311
CHR5	22509062	CHR5:22509062	SSF x Far_LoA	-9,29631853	-0,030	0,305
CHR5	22514622	CHR5:22514622	SSF x Far_LoA	-9,58175808	-0,006	0,318
CHR5	22514647	CHR5:22514647	SSF x Far_LoA	-11,6837512	0,051	0,301
CHR5	22514665	CHR5:22514665	SSF x Far_LoA	-10,2218995	-0,039	0,309
CHR5	22516298	CHR5:22516298	SSF x Far_LoA	-9,05188566	0,063	0,307
CHR5	22516900	CHR5:22516900	SSF x Far_LoA	-8,60241007	-0,020	0,299
CHR5	22516940	CHR5:22516940	SSF x Far_LoA	-7,73239733	0,035	0,302
CHR5	22519213	CHR5:22519213	SSF x Far_LoA	-5,99008135	-0,168	0,306
CHR5	22528750	CHR5:22528750	SSF x Far_LoA	-10,082889	-0,109	0,313
CHR5	2253136	CHR5:2253136	SSF x Far_LoA	-7,97179467	0,023	0,317
CHR5	2253176	CHR5:2253176	SSF x Far_LoA	-11,8126222	0,098	0,304
CHR5	22532261	CHR5:22532261	SSF x Far_LoA	-9,16114439	0,004	0,304
CHR5	22537347	CHR5:22537347	SSF x Far_LoA	-10,7896282	-0,014	0,307
CHR5	22537464	CHR5:22537464	SSF x Far_LoA	-9,02679655	-0,027	0,315
CHR5	22545112	CHR5:22545112	SSF x Far_LoA	-8,65827365	-0,149	0,306
CHR5	22545119	CHR5:22545119	SSF x Far_LoA	-5,44735195	-0,017	0,305
CHR5	22545124	CHR5:22545124	SSF x Far_LoA	-4,26568542	-0,148	0,312
CHR5	22545131	CHR5:22545131	SSF x Far_LoA	-5,20319205	-0,148	0,298
CHR5	22545136	CHR5:22545136	SSF x Far_LoA	-5,1204945	-0,167	0,323
CHR5	22553220	CHR5:22553220	SSF x Far_LoA	-5,07636416	0,195	0,304
CHR5	22553241	CHR5:22553241	SSF x Far_LoA	-10,6492807	-0,062	0,305
CHR5	22553273	CHR5:22553273	SSF x Far_LoA	-11,085779	-0,011	0,314
CHR5	22553301	CHR5:22553301	SSF x Far_LoA	-11,8404095	0,005	0,306
CHR5	22553302	CHR5:22553302	SSF x Far_LoA	-11,1261958	-0,028	0,316
CHR5	22553359	CHR5:22553359	SSF x Far_LoA	-10,8869436	0,019	0,312
CHR5	2255635	CHR5:2255635	SSF x Far_LoA	-11,3861787	0,006	0,323
CHR5	2255641	CHR5:2255641	SSF x Far_LoA	-7,76387584	0,046	0,305

CHR5	2255662	CHR5:2255662	SSF x Far_LoA	-9,65856528	-0,004	0,302
CHR5	2255692	CHR5:2255692	SSF x Far_LoA	-6,41613728	-0,093	0,309
CHR5	2255770	CHR5:2255770	SSF x Far_LoA	-11,8801958	0,029	0,293
CHR5	22566886	CHR5:22566886	SSF x Far_LoA	-9,64278778	-0,093	0,311
CHR5	22569750	CHR5:22569750	SSF x Far_LoA	-4,84494578	0,109	0,307
CHR5	22575452	CHR5:22575452	SSF x Far_LoA	-8,06704283	0,097	0,295
CHR5	22575474	CHR5:22575474	SSF x Far_LoA	-8,53518921	0,130	0,310
CHR5	22596274	CHR5:22596274	SSF x Far_LoA	-8,98387206	0,057	0,307
CHR5	2259781	CHR5:2259781	SSF x Far_LoA	-9,19246811	-0,010	0,318
CHR5	2259988	CHR5:2259988	SSF x Far_LoA	-11,414619	-0,017	0,304
CHR5	22601761	CHR5:22601761	SSF x Far_LoA	-11,6432791	0,045	0,300
CHR5	22656399	CHR5:22656399	SSF x Far_LoA	-9,0922927	0,075	0,297
CHR5	22657170	CHR5:22657170	SSF x Far_LoA	-9,92347802	-0,060	0,308
CHR5	2265887	CHR5:2265887	SSF x Far_LoA	-7,78991766	0,063	0,304
CHR5	2265904	CHR5:2265904	SSF x Far_LoA	-11,9255295	-0,013	0,302
CHR5	2266099	CHR5:2266099	SSF x Far_LoA	-10,5953868	-0,010	0,307
CHR5	22665450	CHR5:22665450	SSF x Far_LoA	-10,0052716	0,015	0,309
CHR5	22665495	CHR5:22665495	SSF x Far_LoA	-11,2578639	-0,028	0,308
CHR5	22665521	CHR5:22665521	SSF x Far_LoA	-11,8197357	0,035	0,309
CHR5	22665556	CHR5:22665556	SSF x Far_LoA	-9,05407187	0,032	0,319
CHR5	22665657	CHR5:22665657	SSF x Far_LoA	-9,83129785	-0,009	0,300
CHR5	22665679	CHR5:22665679	SSF x Far_LoA	-5,12956399	-0,156	0,307
CHR5	22668392	CHR5:22668392	SSF x Far_LoA	-10,9082825	-0,031	0,309
CHR5	22668397	CHR5:22668397	SSF x Far_LoA	-9,73116092	0,003	0,303
CHR5	22668426	CHR5:22668426	SSF x Far_LoA	-10,336694	-0,068	0,321
CHR5	22672295	CHR5:22672295	SSF x Far_LoA	-7,00676633	0,143	0,313
CHR5	22672301	CHR5:22672301	SSF x Far_LoA	-7,50005553	0,131	0,305
CHR5	22672311	CHR5:22672311	SSF x Far_LoA	-7,75182392	0,186	0,300
CHR5	22672340	CHR5:22672340	SSF x Far_LoA	-1,29473121	0,140	0,310
CHR5	22674580	CHR5:22674580	SSF x Far_LoA	-12,6394084	-0,001	0,303
CHR5	22674623	CHR5:22674623	SSF x Far_LoA	-9,67553763	0,016	0,312
CHR5	22674708	CHR5:22674708	SSF x Far_LoA	-8,72251065	-0,101	0,298
CHR5	22674728	CHR5:22674728	SSF x Far_LoA	-8,24021287	0,001	0,322
CHR5	22674732	CHR5:22674732	SSF x Far_LoA	-10,7938707	-0,003	0,299
CHR5	22674753	CHR5:22674753	SSF x Far_LoA	-9,26961056	0,035	0,315
CHR5	22674759	CHR5:22674759	SSF x Far_LoA	-9,02169194	-0,094	0,297
CHR5	22674769	CHR5:22674769	SSF x Far_LoA	-10,0778184	-0,066	0,308
CHR5	22677397	CHR5:22677397	SSF x Far_LoA	-9,60299793	-0,053	0,310
CHR5	22677432	CHR5:22677432	SSF x Far_LoA	-3,93065105	0,210	0,291
CHR5	22685551	CHR5:22685551	SSF x Far_LoA	-12,2827742	0,039	0,301
CHR5	2269097	CHR5:2269097	SSF x Far_LoA	-8,99698763	-0,020	0,312
CHR5	22693322	CHR5:22693322	SSF x Far_LoA	-10,1639051	0,026	0,297
CHR5	22693354	CHR5:22693354	SSF x Far_LoA	-7,17425634	-0,155	0,293
CHR5	22693359	CHR5:22693359	SSF x Far_LoA	-7,02820055	-0,162	0,298
CHR5	22693369	CHR5:22693369	SSF x Far_LoA	-10,596535	0,001	0,308
CHR5	22693440	CHR5:22693440	SSF x Far_LoA	-6,94224615	-0,045	0,310
CHR5	22693527	CHR5:22693527	SSF x Far_LoA	-9,64184492	-0,002	0,300
CHR5	22699381	CHR5:22699381	SSF x Far_LoA	-8,14460973	-0,068	0,309
CHR5	22699436	CHR5:22699436	SSF x Far_LoA	-10,1671343	-0,033	0,297
CHR5	22699490	CHR5:22699490	SSF x Far_LoA	-10,8911943	0,052	0,310
CHR5	22699510	CHR5:22699510	SSF x Far_LoA	-10,942078	0,076	0,287
CHR5	22702314	CHR5:22702314	SSF x Far_LoA	-10,4775993	-0,019	0,287
CHR5	22702397	CHR5:22702397	SSF x Far_LoA	-9,9592652	-0,032	0,324

CHR5	2270241	CHR5:2270241	SSF x Far_LoA	-10,8387221	0,051	0,309
CHR5	2270268	CHR5:2270268	SSF x Far_LoA	-8,992448	0,015	0,308
CHR5	2270281	CHR5:2270281	SSF x Far_LoA	-8,6040038	-0,068	0,309
CHR5	22702940	CHR5:22702940	SSF x Far_LoA	0,19094691	0,152	0,311
CHR5	2270322	CHR5:2270322	SSF x Far_LoA	-10,235033	0,007	0,298
CHR5	22706709	CHR5:22706709	SSF x Far_LoA	-9,51236804	-0,110	0,310
CHR5	22706778	CHR5:22706778	SSF x Far_LoA	-9,11044082	0,006	0,307
CHR5	22706949	CHR5:22706949	SSF x Far_LoA	-9,89497939	-0,117	0,322
CHR5	22711688	CHR5:22711688	SSF x Far_LoA	-9,5196971	0,067	0,310
CHR5	22711699	CHR5:22711699	SSF x Far_LoA	-4,39857937	-0,121	0,322
CHR5	22711786	CHR5:22711786	SSF x Far_LoA	-9,27354132	0,076	0,311
CHR5	22711787	CHR5:22711787	SSF x Far_LoA	-10,8652059	-0,126	0,306
CHR5	22711842	CHR5:22711842	SSF x Far_LoA	-8,29230592	0,048	0,300
CHR5	22711859	CHR5:22711859	SSF x Far_LoA	-9,0715864	-0,063	0,308
CHR5	22721685	CHR5:22721685	SSF x Far_LoA	-5,89435798	-0,141	0,302
CHR5	22721741	CHR5:22721741	SSF x Far_LoA	-9,29661489	-0,152	0,296
CHR5	22721748	CHR5:22721748	SSF x Far_LoA	-10,1512367	-0,022	0,293
CHR5	22721846	CHR5:22721846	SSF x Far_LoA	-10,7625731	-0,114	0,295
CHR5	22721912	CHR5:22721912	SSF x Far_LoA	-10,7944815	-0,029	0,308
CHR5	22721924	CHR5:22721924	SSF x Far_LoA	-9,70597612	0,006	0,311
CHR5	22721938	CHR5:22721938	SSF x Far_LoA	-7,67242784	-0,026	0,317
CHR5	22721952	CHR5:22721952	SSF x Far_LoA	-9,0065379	-0,072	0,312
CHR5	22730265	CHR5:22730265	SSF x Far_LoA	-9,39457916	0,144	0,305
CHR5	22730266	CHR5:22730266	SSF x Far_LoA	-7,98093939	0,144	0,284
CHR5	22730294	CHR5:22730294	SSF x Far_LoA	-8,07790745	-0,165	0,292
CHR5	22730487	CHR5:22730487	SSF x Far_LoA	-10,0366607	0,029	0,320
CHR5	2273771	CHR5:2273771	SSF x Far_LoA	-8,77417751	-0,062	0,301
CHR5	22738423	CHR5:22738423	SSF x Far_LoA	-4,68341629	-0,144	0,296
CHR5	22738457	CHR5:22738457	SSF x Far_LoA	-8,00738843	0,101	0,301
CHR5	22738461	CHR5:22738461	SSF x Far_LoA	-9,43397725	-0,008	0,302
CHR5	22738537	CHR5:22738537	SSF x Far_LoA	-8,31062991	-0,074	0,309
CHR5	22743069	CHR5:22743069	SSF x Far_LoA	-7,94736434	-0,110	0,296
CHR5	22747147	CHR5:22747147	SSF x Far_LoA	-9,8322813	-0,020	0,306
CHR5	22747148	CHR5:22747148	SSF x Far_LoA	-9,50465507	-0,028	0,312
CHR5	22747193	CHR5:22747193	SSF x Far_LoA	-8,5459291	-0,010	0,310
CHR5	22747222	CHR5:22747222	SSF x Far_LoA	-6,26566773	-0,103	0,306
CHR5	22747223	CHR5:22747223	SSF x Far_LoA	-9,75935813	-0,113	0,305
CHR5	22747227	CHR5:22747227	SSF x Far_LoA	-6,44958182	-0,111	0,296
CHR5	22747295	CHR5:22747295	SSF x Far_LoA	-8,21587132	0,039	0,305
CHR5	22747346	CHR5:22747346	SSF x Far_LoA	-9,04445256	-0,089	0,300
CHR5	2275408	CHR5:2275408	SSF x Far_LoA	-11,8812513	0,103	0,303
CHR5	22756241	CHR5:22756241	SSF x Far_LoA	-9,88910502	0,126	0,286
CHR5	22756277	CHR5:22756277	SSF x Far_LoA	-7,27268034	-0,013	0,310
CHR5	22756311	CHR5:22756311	SSF x Far_LoA	-7,96461671	-0,116	0,303
CHR5	22756329	CHR5:22756329	SSF x Far_LoA	-5,55225259	-0,093	0,324
CHR5	22756382	CHR5:22756382	SSF x Far_LoA	-9,71636242	-0,036	0,302
CHR5	22762376	CHR5:22762376	SSF x Far_LoA	-11,4499048	0,003	0,311
CHR5	2277669	CHR5:2277669	SSF x Far_LoA	10,6853494	-0,156	0,311
CHR5	22777368	CHR5:22777368	SSF x Far_LoA	-9,4444834	0,081	0,299
CHR5	2277740	CHR5:2277740	SSF x Far_LoA	-10,6688289	0,108	0,294
CHR5	22777451	CHR5:22777451	SSF x Far_LoA	-10,7588561	-0,003	0,300
CHR5	22777466	CHR5:22777466	SSF x Far_LoA	-8,81071751	-0,062	0,305
CHR5	22784035	CHR5:22784035	SSF x Far_LoA	-9,42956922	0,088	0,305

CHR5	22784038	CHR5:22784038	SSF x Far_LoA	-7,98422794	0,118	0,301
CHR5	2278645	CHR5:2278645	SSF x Far_LoA	-8,24964338	-0,020	0,316
CHR5	22786861	CHR5:22786861	SSF x Far_LoA	-9,08818701	0,078	0,307
CHR5	22796508	CHR5:22796508	SSF x Far_LoA	-9,59570173	0,028	0,310
CHR5	22803521	CHR5:22803521	SSF x Far_LoA	-10,6695536	-0,103	0,308
CHR5	22820659	CHR5:22820659	SSF x Far_LoA	0,35194465	-0,055	0,325
CHR5	2286340	CHR5:2286340	SSF x Far_LoA	-5,63618943	0,045	0,299
CHR5	2286341	CHR5:2286341	SSF x Far_LoA	-8,09847596	0,012	0,311
CHR5	2286363	CHR5:2286363	SSF x Far_LoA	-9,61663879	-0,037	0,306
CHR5	2286365	CHR5:2286365	SSF x Far_LoA	-9,5503616	-0,045	0,304
CHR5	2286372	CHR5:2286372	SSF x Far_LoA	-8,34710523	0,077	0,300
CHR5	2286376	CHR5:2286376	SSF x Far_LoA	-10,2117608	-0,049	0,300
CHR5	2286428	CHR5:2286428	SSF x Far_LoA	-9,88188385	0,121	0,289
CHR5	2286431	CHR5:2286431	SSF x Far_LoA	-8,7132787	-0,034	0,297
CHR5	2286434	CHR5:2286434	SSF x Far_LoA	-8,75993058	0,040	0,307
CHR5	22868434	CHR5:22868434	SSF x Far_LoA	-9,41355257	0,032	0,297
CHR5	22868583	CHR5:22868583	SSF x Far_LoA	-11,7331254	0,004	0,306
CHR5	22874063	CHR5:22874063	SSF x Far_LoA	-11,2907554	-0,039	0,315
CHR5	22874156	CHR5:22874156	SSF x Far_LoA	-9,0161948	0,035	0,299
CHR5	22878000	CHR5:22878000	SSF x Far_LoA	-11,9246212	0,016	0,299
CHR5	22878006	CHR5:22878006	SSF x Far_LoA	-7,64269493	0,152	0,298
CHR5	2290660	CHR5:2290660	SSF x Far_LoA	-8,86005151	0,152	0,284
CHR5	22914388	CHR5:22914388	SSF x Far_LoA	-9,77989672	0,049	0,312
CHR5	22927075	CHR5:22927075	SSF x Far_LoA	-11,0142753	-0,048	0,307
CHR5	22927081	CHR5:22927081	SSF x Far_LoA	-8,57727981	-0,024	0,325
CHR5	22927157	CHR5:22927157	SSF x Far_LoA	-6,5021725	0,075	0,298
CHR5	22927175	CHR5:22927175	SSF x Far_LoA	-1,51732098	0,026	0,302
CHR5	22927180	CHR5:22927180	SSF x Far_LoA	-8,70145383	0,004	0,310
CHR5	22927199	CHR5:22927199	SSF x Far_LoA	-9,30325607	0,041	0,309
CHR5	22932776	CHR5:22932776	SSF x Far_LoA	-10,0671543	-0,139	0,297
CHR5	22932855	CHR5:22932855	SSF x Far_LoA	-9,35791443	-0,093	0,308
CHR5	22947702	CHR5:22947702	SSF x Far_LoA	-8,55731039	0,064	0,318
CHR5	22947734	CHR5:22947734	SSF x Far_LoA	-9,00982385	0,049	0,303
CHR5	22947740	CHR5:22947740	SSF x Far_LoA	-8,41337571	-0,023	0,321
CHR5	22947755	CHR5:22947755	SSF x Far_LoA	-11,9074925	0,005	0,303
CHR5	22947756	CHR5:22947756	SSF x Far_LoA	-11,915886	0,045	0,291
CHR5	22947769	CHR5:22947769	SSF x Far_LoA	-10,8955327	0,010	0,316
CHR5	22947774	CHR5:22947774	SSF x Far_LoA	-11,5863364	-0,019	0,299
CHR5	22947824	CHR5:22947824	SSF x Far_LoA	-10,0131462	0,010	0,315
CHR5	22952270	CHR5:22952270	SSF x Far_LoA	-8,25217655	0,009	0,310
CHR5	2295700	CHR5:2295700	SSF x Far_LoA	-8,35072314	0,101	0,299
CHR5	22957976	CHR5:22957976	SSF x Far_LoA	-8,85869311	0,034	0,301
CHR5	22965411	CHR5:22965411	SSF x Far_LoA	-8,03278604	0,069	0,309
CHR5	2297563	CHR5:2297563	SSF x Far_LoA	1,31366866	0,078	0,304
CHR5	2297586	CHR5:2297586	SSF x Far_LoA	-9,55207638	-0,006	0,307
CHR5	2297749	CHR5:2297749	SSF x Far_LoA	-10,5848175	0,009	0,300
CHR5	2297759	CHR5:2297759	SSF x Far_LoA	-8,32453753	-0,059	0,305
CHR5	2297767	CHR5:2297767	SSF x Far_LoA	-7,90797726	-0,007	0,312
CHR5	23016685	CHR5:23016685	SSF x Far_LoA	-7,42253675	-0,071	0,305
CHR5	23016779	CHR5:23016779	SSF x Far_LoA	-10,7937094	0,100	0,307
CHR5	23016824	CHR5:23016824	SSF x Far_LoA	-10,1182899	0,003	0,307
CHR5	23019929	CHR5:23019929	SSF x Far_LoA	-9,521106	0,023	0,290
CHR5	23019984	CHR5:23019984	SSF x Far_LoA	-8,7157561	0,042	0,309

CHR5	23020008	CHR5:23020008	SSF x Far_LoA	-8,32457209	-0,101	0,312
CHR5	23020556	CHR5:23020556	SSF x Far_LoA	-10,4862899	0,143	0,298
CHR5	23029071	CHR5:23029071	SSF x Far_LoA	-9,18941536	0,136	0,293
CHR5	23029135	CHR5:23029135	SSF x Far_LoA	-2,80331112	-0,137	0,307
CHR5	23037951	CHR5:23037951	SSF x Far_LoA	-8,00048042	0,081	0,305
CHR5	23040946	CHR5:23040946	SSF x Far_LoA	-9,69726135	-0,052	0,303
CHR5	23041018	CHR5:23041018	SSF x Far_LoA	-11,5018312	0,018	0,293
CHR5	23041040	CHR5:23041040	SSF x Far_LoA	-10,469815	-0,055	0,307
CHR5	23041130	CHR5:23041130	SSF x Far_LoA	-8,4022705	-0,074	0,310
CHR5	23041131	CHR5:23041131	SSF x Far_LoA	-8,36579922	0,066	0,292
CHR5	23047363	CHR5:23047363	SSF x Far_LoA	-10,7641494	-0,008	0,302
CHR5	23047373	CHR5:23047373	SSF x Far_LoA	-10,7004318	-0,019	0,299
CHR5	23047385	CHR5:23047385	SSF x Far_LoA	-9,62256581	0,116	0,297
CHR5	23047403	CHR5:23047403	SSF x Far_LoA	-10,8174324	-0,048	0,307
CHR5	23047591	CHR5:23047591	SSF x Far_LoA	-8,97944082	-0,065	0,310
CHR5	23052057	CHR5:23052057	SSF x Far_LoA	-9,88187381	0,015	0,308
CHR5	23053130	CHR5:23053130	SSF x Far_LoA	-8,39233679	-0,055	0,316
CHR5	23053142	CHR5:23053142	SSF x Far_LoA	-10,2643055	0,053	0,307
CHR5	23055048	CHR5:23055048	SSF x Far_LoA	-11,6898504	-0,093	0,298
CHR5	23055159	CHR5:23055159	SSF x Far_LoA	-10,5661444	-0,012	0,315
CHR5	23055195	CHR5:23055195	SSF x Far_LoA	-10,017035	0,112	0,290
CHR5	23061616	CHR5:23061616	SSF x Far_LoA	-10,0433682	0,046	0,306
CHR5	23067791	CHR5:23067791	SSF x Far_LoA	-9,16133151	0,043	0,303
CHR5	23084409	CHR5:23084409	SSF x Far_LoA	-10,1232462	-0,081	0,306
CHR5	23096692	CHR5:23096692	SSF x Far_LoA	-10,6904376	-0,025	0,320
CHR5	23096746	CHR5:23096746	SSF x Far_LoA	-9,94054358	0,043	0,313
CHR5	23110197	CHR5:23110197	SSF x Far_LoA	-9,6372394	0,029	0,309
CHR5	23115956	CHR5:23115956	SSF x Far_LoA	-9,35444505	-0,108	0,308
CHR5	23119053	CHR5:23119053	SSF x Far_LoA	-11,3806659	0,005	0,288
CHR5	23119138	CHR5:23119138	SSF x Far_LoA	-11,4084686	-0,027	0,297
CHR5	23150636	CHR5:23150636	SSF x Far_LoA	-8,38253182	0,128	0,295
CHR5	23173981	CHR5:23173981	SSF x Far_LoA	-12,0624111	-0,062	0,306
CHR5	23174064	CHR5:23174064	SSF x Far_LoA	-6,75387135	0,145	0,303
CHR5	23174076	CHR5:23174076	SSF x Far_LoA	-6,91272792	0,124	0,303
CHR5	23177489	CHR5:23177489	SSF x Far_LoA	-9,31978429	-0,016	0,306
CHR5	23178769	CHR5:23178769	SSF x Far_LoA	-8,63666532	-0,020	0,307
CHR5	23184254	CHR5:23184254	SSF x Far_LoA	-5,72124418	0,171	0,287
CHR5	23184509	CHR5:23184509	SSF x Far_LoA	-10,3163893	0,084	0,303
CHR5	23198274	CHR5:23198274	SSF x Far_LoA	-8,06922866	0,046	0,311
CHR5	23204613	CHR5:23204613	SSF x Far_LoA	-8,19280555	0,102	0,308
CHR5	23211761	CHR5:23211761	SSF x Far_LoA	-8,57461846	-0,042	0,316
CHR5	23218697	CHR5:23218697	SSF x Far_LoA	-9,35094543	-0,062	0,301
CHR5	23220605	CHR5:23220605	SSF x Far_LoA	-10,2587694	-0,017	0,281
CHR5	23220621	CHR5:23220621	SSF x Far_LoA	-8,74246767	-0,101	0,298
CHR5	23220639	CHR5:23220639	SSF x Far_LoA	-8,62703048	-0,090	0,296
CHR5	23239168	CHR5:23239168	SSF x Far_LoA	-9,65029304	-0,012	0,310
CHR5	23239171	CHR5:23239171	SSF x Far_LoA	-9,24507151	0,031	0,314
CHR5	23239336	CHR5:23239336	SSF x Far_LoA	-9,12988369	-0,021	0,317
CHR5	23240361	CHR5:23240361	SSF x Far_LoA	-11,1172258	-0,070	0,308
CHR5	2326618	CHR5:2326618	SSF x Far_LoA	-11,5738148	-0,012	0,285
CHR5	23285678	CHR5:23285678	SSF x Far_LoA	-10,9224232	0,037	0,308
CHR5	23285741	CHR5:23285741	SSF x Far_LoA	-8,14341707	0,096	0,293
CHR5	23286857	CHR5:23286857	SSF x Far_LoA	-10,3003283	-0,045	0,298

CHR5	23286890	CHR5:23286890	SSF x Far_LoA	-10,8670243	-0,089	0,298
CHR5	23286894	CHR5:23286894	SSF x Far_LoA	-9,71832847	-0,032	0,305
CHR5	23286973	CHR5:23286973	SSF x Far_LoA	-10,5813351	0,087	0,308
CHR5	23286982	CHR5:23286982	SSF x Far_LoA	-10,6766667	0,070	0,302
CHR5	23286990	CHR5:23286990	SSF x Far_LoA	-10,3538239	-0,014	0,303
CHR5	23287060	CHR5:23287060	SSF x Far_LoA	-9,80488878	-0,044	0,300
CHR5	23287109	CHR5:23287109	SSF x Far_LoA	-10,5543183	-0,014	0,308
CHR5	23287128	CHR5:23287128	SSF x Far_LoA	-7,30724117	0,078	0,301
CHR5	2329812	CHR5:2329812	SSF x Far_LoA	-8,23936665	0,073	0,303
CHR5	2329833	CHR5:2329833	SSF x Far_LoA	-7,61326541	0,137	0,302
CHR5	23302567	CHR5:23302567	SSF x Far_LoA	-6,37329117	0,125	0,305
CHR5	23302623	CHR5:23302623	SSF x Far_LoA	-8,76643413	-0,102	0,303
CHR5	23302673	CHR5:23302673	SSF x Far_LoA	-7,06108798	0,181	0,293
CHR5	23302687	CHR5:23302687	SSF x Far_LoA	-10,3476926	-0,077	0,303
CHR5	23303124	CHR5:23303124	SSF x Far_LoA	-7,93553172	-0,106	0,313
CHR5	23303128	CHR5:23303128	SSF x Far_LoA	-10,4097145	0,065	0,298
CHR5	23303142	CHR5:23303142	SSF x Far_LoA	-7,36151137	-0,024	0,303
CHR5	23309452	CHR5:23309452	SSF x Far_LoA	-11,3934935	-0,063	0,311
CHR5	23309606	CHR5:23309606	SSF x Far_LoA	-6,84112662	-0,139	0,316
CHR5	2331860	CHR5:2331860	SSF x Far_LoA	-10,2804596	0,068	0,297
CHR5	23318741	CHR5:23318741	SSF x Far_LoA	-8,36272924	0,007	0,314
CHR5	23318963	CHR5:23318963	SSF x Far_LoA	-9,98293643	-0,109	0,302
CHR5	23319004	CHR5:23319004	SSF x Far_LoA	-6,20619518	-0,151	0,314
CHR5	2332106	CHR5:2332106	SSF x Far_LoA	-10,3280975	-0,018	0,313
CHR5	2332154	CHR5:2332154	SSF x Far_LoA	-8,54889974	0,050	0,311
CHR5	23321635	CHR5:23321635	SSF x Far_LoA	-9,12095994	-0,023	0,297
CHR5	23330838	CHR5:23330838	SSF x Far_LoA	-9,89742416	-0,138	0,308
CHR5	23330936	CHR5:23330936	SSF x Far_LoA	-8,07070225	0,155	0,287
CHR5	23332014	CHR5:23332014	SSF x Far_LoA	-10,834647	-0,008	0,324
CHR5	23342093	CHR5:23342093	SSF x Far_LoA	-9,10623748	0,178	0,301
CHR5	23342254	CHR5:23342254	SSF x Far_LoA	-10,3219551	0,088	0,304
CHR5	23346388	CHR5:23346388	SSF x Far_LoA	-9,66472815	0,057	0,303
CHR5	23347557	CHR5:23347557	SSF x Far_LoA	-9,33258267	-0,061	0,308
CHR5	23358248	CHR5:23358248	SSF x Far_LoA	-9,6361886	0,015	0,293
CHR5	23358263	CHR5:23358263	SSF x Far_LoA	-8,75003071	-0,162	0,290
CHR5	23375040	CHR5:23375040	SSF x Far_LoA	-7,11117516	-0,134	0,304
CHR5	23375056	CHR5:23375056	SSF x Far_LoA	-11,827942	0,074	0,302
CHR5	23377770	CHR5:23377770	SSF x Far_LoA	-11,3294485	0,010	0,298
CHR5	23377792	CHR5:23377792	SSF x Far_LoA	-9,83104864	0,018	0,306
CHR5	23377795	CHR5:23377795	SSF x Far_LoA	-10,8494507	0,015	0,306
CHR5	23377799	CHR5:23377799	SSF x Far_LoA	-7,20778283	-0,014	0,309
CHR5	23377904	CHR5:23377904	SSF x Far_LoA	-11,4093628	-0,016	0,300
CHR5	23377945	CHR5:23377945	SSF x Far_LoA	-10,0022692	0,148	0,302
CHR5	23389328	CHR5:23389328	SSF x Far_LoA	-7,67488086	0,152	0,297
CHR5	23389338	CHR5:23389338	SSF x Far_LoA	-10,9016498	-0,032	0,315
CHR5	23389347	CHR5:23389347	SSF x Far_LoA	-7,39624998	-0,001	0,319
CHR5	23389411	CHR5:23389411	SSF x Far_LoA	-4,4064446	0,000	0,308
CHR5	23389432	CHR5:23389432	SSF x Far_LoA	-11,053784	-0,139	0,304
CHR5	23389513	CHR5:23389513	SSF x Far_LoA	-7,70185123	-0,092	0,297
CHR5	23389518	CHR5:23389518	SSF x Far_LoA	-6,91569383	-0,089	0,315
CHR5	23399418	CHR5:23399418	SSF x Far_LoA	-8,83047617	-0,119	0,299
CHR5	23399430	CHR5:23399430	SSF x Far_LoA	-8,41745034	0,158	0,301
CHR5	23399482	CHR5:23399482	SSF x Far_LoA	-11,2141563	-0,005	0,302

CHR5	23399501	CHR5:23399501	SSF x Far_LoA	-11,2067446	0,035	0,320
CHR5	23399544	CHR5:23399544	SSF x Far_LoA	-11,2082043	0,026	0,313
CHR5	23408195	CHR5:23408195	SSF x Far_LoA	-7,48745916	0,069	0,299
CHR5	23408200	CHR5:23408200	SSF x Far_LoA	-8,76039928	-0,121	0,295
CHR5	23408251	CHR5:23408251	SSF x Far_LoA	-10,4428763	-0,140	0,307
CHR5	23408279	CHR5:23408279	SSF x Far_LoA	-4,63398687	0,009	0,320
CHR5	23408280	CHR5:23408280	SSF x Far_LoA	-11,3395425	0,041	0,311
CHR5	23408281	CHR5:23408281	SSF x Far_LoA	-11,9452744	0,042	0,294
CHR5	23408309	CHR5:23408309	SSF x Far_LoA	-10,9059702	0,015	0,313
CHR5	23408329	CHR5:23408329	SSF x Far_LoA	-10,9864391	-0,072	0,305
CHR5	23411791	CHR5:23411791	SSF x Far_LoA	-7,81221388	0,054	0,304
CHR5	23411853	CHR5:23411853	SSF x Far_LoA	-8,38775256	-0,142	0,293
CHR5	23416643	CHR5:23416643	SSF x Far_LoA	-9,60840322	-0,100	0,296
CHR5	23416677	CHR5:23416677	SSF x Far_LoA	-10,2119455	0,011	0,298
CHR5	23416758	CHR5:23416758	SSF x Far_LoA	-8,33694324	0,000	0,301
CHR5	23419179	CHR5:23419179	SSF x Far_LoA	-8,63803967	0,041	0,309
CHR5	23422692	CHR5:23422692	SSF x Far_LoA	-8,18807433	0,204	0,291
CHR5	23422748	CHR5:23422748	SSF x Far_LoA	-9,67631562	0,034	0,313
CHR5	23422772	CHR5:23422772	SSF x Far_LoA	-6,96590596	0,019	0,307
CHR5	23424674	CHR5:23424674	SSF x Far_LoA	-12,1022437	0,041	0,301
CHR5	23424713	CHR5:23424713	SSF x Far_LoA	-8,675824	0,055	0,317
CHR5	23424728	CHR5:23424728	SSF x Far_LoA	-11,3782827	-0,024	0,311
CHR5	23424739	CHR5:23424739	SSF x Far_LoA	-11,0097439	0,008	0,310
CHR5	23424793	CHR5:23424793	SSF x Far_LoA	-8,91126648	-0,012	0,312
CHR5	23424811	CHR5:23424811	SSF x Far_LoA	-9,58716674	-0,087	0,307
CHR5	23424831	CHR5:23424831	SSF x Far_LoA	-8,55977025	-0,025	0,296
CHR5	23424887	CHR5:23424887	SSF x Far_LoA	-11,0145149	-0,039	0,308
CHR5	23445783	CHR5:23445783	SSF x Far_LoA	-11,158359	-0,020	0,316
CHR5	23453343	CHR5:23453343	SSF x Far_LoA	-8,62357714	0,007	0,301
CHR5	23453815	CHR5:23453815	SSF x Far_LoA	-9,51221569	-0,054	0,308
CHR5	23453823	CHR5:23453823	SSF x Far_LoA	-7,84677968	-0,007	0,310
CHR5	23462124	CHR5:23462124	SSF x Far_LoA	-7,72580701	-0,020	0,322
CHR5	23462162	CHR5:23462162	SSF x Far_LoA	-10,181608	0,004	0,307
CHR5	23479686	CHR5:23479686	SSF x Far_LoA	-10,2621956	0,025	0,311
CHR5	23479908	CHR5:23479908	SSF x Far_LoA	-6,11858835	-0,042	0,312
CHR5	23481888	CHR5:23481888	SSF x Far_LoA	-9,52883122	-0,061	0,301
CHR5	23482641	CHR5:23482641	SSF x Far_LoA	-10,2666478	-0,031	0,302
CHR5	23482677	CHR5:23482677	SSF x Far_LoA	-10,9453626	0,100	0,311
CHR5	23493137	CHR5:23493137	SSF x Far_LoA	-5,67727605	-0,121	0,305
CHR5	23507306	CHR5:23507306	SSF x Far_LoA	-8,15619595	-0,057	0,316
CHR5	23514950	CHR5:23514950	SSF x Far_LoA	-11,1999623	0,066	0,312
CHR5	23515017	CHR5:23515017	SSF x Far_LoA	-9,98604277	-0,073	0,301
CHR5	23518138	CHR5:23518138	SSF x Far_LoA	-10,7909169	-0,052	0,318
CHR5	23519057	CHR5:23519057	SSF x Far_LoA	-6,52169051	0,083	0,321
CHR5	23520144	CHR5:23520144	SSF x Far_LoA	-8,34748798	-0,097	0,307
CHR5	23520206	CHR5:23520206	SSF x Far_LoA	-10,4971662	-0,008	0,301
CHR5	23520213	CHR5:23520213	SSF x Far_LoA	-11,4642947	0,042	0,302
CHR5	23521485	CHR5:23521485	SSF x Far_LoA	-8,80714156	0,088	0,311
CHR5	23521536	CHR5:23521536	SSF x Far_LoA	-6,87750733	-0,036	0,317
CHR5	23521567	CHR5:23521567	SSF x Far_LoA	-7,16468167	-0,020	0,304
CHR5	23521741	CHR5:23521741	SSF x Far_LoA	-10,0301493	-0,081	0,302
CHR5	23526200	CHR5:23526200	SSF x Far_LoA	-9,96690554	0,053	0,282
CHR5	23543465	CHR5:23543465	SSF x Far_LoA	-10,3007457	0,052	0,302

CHR5	23543472	CHR5:23543472	SSF x Far_LoA	-10,0728789	0,089	0,305
CHR5	23548773	CHR5:23548773	SSF x Far_LoA	-9,69176113	0,033	0,303
CHR5	23548779	CHR5:23548779	SSF x Far_LoA	-6,60267894	-0,139	0,312
CHR5	23549806	CHR5:23549806	SSF x Far_LoA	-6,41560976	0,183	0,299
CHR5	23549849	CHR5:23549849	SSF x Far_LoA	-10,7881944	-0,017	0,301
CHR5	23558125	CHR5:23558125	SSF x Far_LoA	-10,5200645	0,088	0,303
CHR5	23567355	CHR5:23567355	SSF x Far_LoA	-9,82713417	-0,001	0,309
CHR5	23567365	CHR5:23567365	SSF x Far_LoA	-10,6281492	-0,052	0,306
CHR5	23567387	CHR5:23567387	SSF x Far_LoA	-8,52329823	0,040	0,315
CHR5	23567396	CHR5:23567396	SSF x Far_LoA	-11,2568909	-0,058	0,300
CHR5	23582675	CHR5:23582675	SSF x Far_LoA	-7,99135322	0,039	0,314
CHR5	23582717	CHR5:23582717	SSF x Far_LoA	-11,6908745	0,012	0,307
CHR5	23582748	CHR5:23582748	SSF x Far_LoA	-10,5003049	-0,043	0,307
CHR5	23582776	CHR5:23582776	SSF x Far_LoA	-7,8056419	-0,089	0,308
CHR5	23586660	CHR5:23586660	SSF x Far_LoA	-7,71353818	-0,077	0,307
CHR5	23586692	CHR5:23586692	SSF x Far_LoA	-8,94696657	0,016	0,304
CHR5	23586729	CHR5:23586729	SSF x Far_LoA	-9,83159936	0,040	0,303
CHR5	23586759	CHR5:23586759	SSF x Far_LoA	-7,36685272	0,206	0,290
CHR5	23586764	CHR5:23586764	SSF x Far_LoA	-3,97962674	0,144	0,304
CHR5	23589386	CHR5:23589386	SSF x Far_LoA	-8,49310455	0,026	0,307
CHR5	23593777	CHR5:23593777	SSF x Far_LoA	-9,31283627	0,089	0,308
CHR5	23593794	CHR5:23593794	SSF x Far_LoA	-9,78885572	-0,070	0,296
CHR5	23594004	CHR5:23594004	SSF x Far_LoA	-11,3792512	-0,030	0,307
CHR5	23594043	CHR5:23594043	SSF x Far_LoA	-9,05668781	-0,045	0,315
CHR5	23594103	CHR5:23594103	SSF x Far_LoA	-9,39974433	0,047	0,297
CHR5	23594104	CHR5:23594104	SSF x Far_LoA	-8,58420069	0,038	0,311
CHR5	23595670	CHR5:23595670	SSF x Far_LoA	-9,95326186	-0,155	0,306
CHR5	23595783	CHR5:23595783	SSF x Far_LoA	-5,80903971	0,023	0,309
CHR5	2360069	CHR5:2360069	SSF x Far_LoA	-6,03920185	-0,138	0,305
CHR5	2360083	CHR5:2360083	SSF x Far_LoA	-9,0981816	-0,122	0,319
CHR5	2360084	CHR5:2360084	SSF x Far_LoA	-10,6923837	-0,009	0,316
CHR5	23603250	CHR5:23603250	SSF x Far_LoA	-11,1977516	0,024	0,311
CHR5	2360355	CHR5:2360355	SSF x Far_LoA	-11,3069038	0,043	0,300
CHR5	23616234	CHR5:23616234	SSF x Far_LoA	-9,74320207	-0,146	0,305
CHR5	23621677	CHR5:23621677	SSF x Far_LoA	-9,23072314	-0,079	0,300
CHR5	23626273	CHR5:23626273	SSF x Far_LoA	-10,9993169	-0,004	0,316
CHR5	23626283	CHR5:23626283	SSF x Far_LoA	-8,96035144	0,043	0,302
CHR5	2362629	CHR5:2362629	SSF x Far_LoA	-9,33875091	-0,001	0,302
CHR5	23626336	CHR5:23626336	SSF x Far_LoA	-9,13761919	-0,029	0,302
CHR5	2362671	CHR5:2362671	SSF x Far_LoA	-8,71966181	-0,122	0,303
CHR5	2363599	CHR5:2363599	SSF x Far_LoA	-6,11941139	0,150	0,299
CHR5	2363631	CHR5:2363631	SSF x Far_LoA	-8,43555688	-0,062	0,303
CHR5	2363647	CHR5:2363647	SSF x Far_LoA	-11,9188239	-0,009	0,301
CHR5	23640877	CHR5:23640877	SSF x Far_LoA	-12,6795745	0,079	0,301
CHR5	23640888	CHR5:23640888	SSF x Far_LoA	-8,32012165	0,006	0,315
CHR5	23640946	CHR5:23640946	SSF x Far_LoA	-11,2708559	0,022	0,305
CHR5	23640953	CHR5:23640953	SSF x Far_LoA	-7,26370529	0,044	0,295
CHR5	23649098	CHR5:23649098	SSF x Far_LoA	-11,4036477	-0,031	0,317
CHR5	23649099	CHR5:23649099	SSF x Far_LoA	-11,6817273	-0,039	0,322
CHR5	23656252	CHR5:23656252	SSF x Far_LoA	-11,051992	-0,029	0,316
CHR5	23656505	CHR5:23656505	SSF x Far_LoA	-9,47966372	-0,044	0,320
CHR5	23662402	CHR5:23662402	SSF x Far_LoA	-10,6043978	-0,043	0,310
CHR5	23662443	CHR5:23662443	SSF x Far_LoA	-10,0549755	-0,035	0,309

CHR5	23662484	CHR5:23662484	SSF x Far_LoA	-9,95446255	-0,063	0,306
CHR5	23662631	CHR5:23662631	SSF x Far_LoA	-10,694189	-0,037	0,302
CHR5	23662632	CHR5:23662632	SSF x Far_LoA	-11,3175394	0,077	0,310
CHR5	23662650	CHR5:23662650	SSF x Far_LoA	-8,95620273	0,131	0,305
CHR5	23663754	CHR5:23663754	SSF x Far_LoA	-11,158288	0,084	0,303
CHR5	23663776	CHR5:23663776	SSF x Far_LoA	-8,30453137	-0,030	0,292
CHR5	23663814	CHR5:23663814	SSF x Far_LoA	-9,01722297	0,004	0,298
CHR5	23674423	CHR5:23674423	SSF x Far_LoA	-4,75757493	0,136	0,299
CHR5	23674621	CHR5:23674621	SSF x Far_LoA	-4,85484673	-0,217	0,296
CHR5	23680609	CHR5:23680609	SSF x Far_LoA	-10,02949	0,091	0,296
CHR5	23680628	CHR5:23680628	SSF x Far_LoA	-10,4538192	0,084	0,299
CHR5	23680638	CHR5:23680638	SSF x Far_LoA	-7,41207065	-0,099	0,299
CHR5	23680651	CHR5:23680651	SSF x Far_LoA	-7,90729948	-0,017	0,315
CHR5	23680693	CHR5:23680693	SSF x Far_LoA	-10,0214544	0,063	0,300
CHR5	23680705	CHR5:23680705	SSF x Far_LoA	-10,2679287	0,001	0,301
CHR5	23680713	CHR5:23680713	SSF x Far_LoA	-11,1706064	0,081	0,308
CHR5	23680722	CHR5:23680722	SSF x Far_LoA	-8,69277784	0,030	0,308
CHR5	23680839	CHR5:23680839	SSF x Far_LoA	-8,94855967	0,002	0,325
CHR5	23680848	CHR5:23680848	SSF x Far_LoA	-9,97806028	0,117	0,296
CHR5	23683765	CHR5:23683765	SSF x Far_LoA	-12,1115347	-0,007	0,308
CHR5	23684294	CHR5:23684294	SSF x Far_LoA	-9,49635928	0,063	0,325
CHR5	23695637	CHR5:23695637	SSF x Far_LoA	-7,21539837	0,110	0,304
CHR5	23695663	CHR5:23695663	SSF x Far_LoA	-9,30637339	0,111	0,304
CHR5	23700493	CHR5:23700493	SSF x Far_LoA	-12,057341	-0,016	0,299
CHR5	2370239	CHR5:2370239	SSF x Far_LoA	-9,18411293	-0,028	0,313
CHR5	2370348	CHR5:2370348	SSF x Far_LoA	-9,8961054	0,065	0,307
CHR5	2370382	CHR5:2370382	SSF x Far_LoA	-9,59042523	-0,086	0,316
CHR5	2370528	CHR5:2370528	SSF x Far_LoA	-9,04342861	0,012	0,305
CHR5	23708243	CHR5:23708243	SSF x Far_LoA	-9,1738715	-0,095	0,306
CHR5	23720678	CHR5:23720678	SSF x Far_LoA	-9,16604931	0,135	0,293
CHR5	23720716	CHR5:23720716	SSF x Far_LoA	-8,80575288	-0,047	0,290
CHR5	23720734	CHR5:23720734	SSF x Far_LoA	-9,23410721	0,011	0,300
CHR5	23720777	CHR5:23720777	SSF x Far_LoA	-7,93501639	-0,170	0,308
CHR5	23720779	CHR5:23720779	SSF x Far_LoA	-8,85620271	-0,029	0,310
CHR5	23720903	CHR5:23720903	SSF x Far_LoA	-8,67671676	-0,026	0,300
CHR5	23722421	CHR5:23722421	SSF x Far_LoA	-11,1630638	0,010	0,309
CHR5	23722427	CHR5:23722427	SSF x Far_LoA	-11,3382901	-0,017	0,296
CHR5	23722449	CHR5:23722449	SSF x Far_LoA	-10,7737825	-0,023	0,311
CHR5	23722584	CHR5:23722584	SSF x Far_LoA	-9,46163067	0,092	0,296
CHR5	23722597	CHR5:23722597	SSF x Far_LoA	-8,51082485	-0,043	0,304
CHR5	23731860	CHR5:23731860	SSF x Far_LoA	-10,8842293	0,041	0,306
CHR5	23731927	CHR5:23731927	SSF x Far_LoA	-9,83448892	0,007	0,313
CHR5	23734703	CHR5:23734703	SSF x Far_LoA	-10,2820041	0,050	0,294
CHR5	23734822	CHR5:23734822	SSF x Far_LoA	-9,14883793	-0,028	0,314
CHR5	23736294	CHR5:23736294	SSF x Far_LoA	-10,9944326	-0,039	0,304
CHR5	23740735	CHR5:23740735	SSF x Far_LoA	-9,97715538	-0,125	0,302
CHR5	23740915	CHR5:23740915	SSF x Far_LoA	-10,1036122	0,067	0,313
CHR5	23744483	CHR5:23744483	SSF x Far_LoA	-11,1641794	-0,044	0,308
CHR5	23747294	CHR5:23747294	SSF x Far_LoA	-9,25461067	-0,015	0,296
CHR5	23747322	CHR5:23747322	SSF x Far_LoA	-9,42069949	0,002	0,312
CHR5	23748748	CHR5:23748748	SSF x Far_LoA	-11,6291519	0,057	0,311
CHR5	23748756	CHR5:23748756	SSF x Far_LoA	-8,85783724	-0,032	0,291
CHR5	23748807	CHR5:23748807	SSF x Far_LoA	-11,9251838	0,042	0,303

CHR5	2376952	CHR5:2376952	SSF x Far_LoA	-7,90649533	-0,027	0,313
CHR5	2376966	CHR5:2376966	SSF x Far_LoA	-9,14364687	-0,031	0,315
CHR5	23789509	CHR5:23789509	SSF x Far_LoA	-11,3566973	-0,019	0,302
CHR5	23814276	CHR5:23814276	SSF x Far_LoA	-9,53959375	-0,073	0,315
CHR5	23814291	CHR5:23814291	SSF x Far_LoA	-11,3591024	-0,089	0,323
CHR5	23814380	CHR5:23814380	SSF x Far_LoA	-7,77424389	0,045	0,307
CHR5	23816484	CHR5:23816484	SSF x Far_LoA	-11,006406	0,021	0,323
CHR5	23827985	CHR5:23827985	SSF x Far_LoA	-10,8975019	-0,020	0,301
CHR5	23828002	CHR5:23828002	SSF x Far_LoA	-1,62344832	-0,142	0,317
CHR5	23828040	CHR5:23828040	SSF x Far_LoA	-7,52808341	-0,097	0,303
CHR5	23828050	CHR5:23828050	SSF x Far_LoA	-8,00720521	0,070	0,312
CHR5	23828056	CHR5:23828056	SSF x Far_LoA	-7,32115448	0,139	0,300
CHR5	23828063	CHR5:23828063	SSF x Far_LoA	-7,36329972	-0,031	0,301
CHR5	23828125	CHR5:23828125	SSF x Far_LoA	-10,0030134	-0,102	0,286
CHR5	23828140	CHR5:23828140	SSF x Far_LoA	-9,76696567	0,021	0,305
CHR5	23836153	CHR5:23836153	SSF x Far_LoA	-10,466165	0,059	0,309
CHR5	2384566	CHR5:2384566	SSF x Far_LoA	-10,1234266	0,024	0,310
CHR5	23852467	CHR5:23852467	SSF x Far_LoA	-7,95804779	0,054	0,311
CHR5	23852555	CHR5:23852555	SSF x Far_LoA	-10,0261793	-0,083	0,313
CHR5	23852576	CHR5:23852576	SSF x Far_LoA	-8,0717601	0,112	0,310
CHR5	23862385	CHR5:23862385	SSF x Far_LoA	-6,56025402	0,156	0,302
CHR5	23862440	CHR5:23862440	SSF x Far_LoA	-10,0748122	-0,015	0,317
CHR5	23862527	CHR5:23862527	SSF x Far_LoA	-7,04460622	0,115	0,309
CHR5	23862569	CHR5:23862569	SSF x Far_LoA	-6,81049607	-0,089	0,302
CHR5	23868925	CHR5:23868925	SSF x Far_LoA	-8,50919013	0,025	0,317
CHR5	23876771	CHR5:23876771	SSF x Far_LoA	-9,55532918	0,032	0,303
CHR5	23887164	CHR5:23887164	SSF x Far_LoA	-8,79559751	-0,038	0,297
CHR5	23903259	CHR5:23903259	SSF x Far_LoA	-8,21298125	-0,060	0,299
CHR5	23903262	CHR5:23903262	SSF x Far_LoA	-6,05637659	-0,166	0,307
CHR5	23903287	CHR5:23903287	SSF x Far_LoA	-7,79702816	-0,118	0,310
CHR5	2390576	CHR5:2390576	SSF x Far_LoA	-9,88866534	-0,031	0,302
CHR5	23909194	CHR5:23909194	SSF x Far_LoA	-10,923851	-0,004	0,301
CHR5	23909201	CHR5:23909201	SSF x Far_LoA	-9,67559314	0,067	0,307
CHR5	23909247	CHR5:23909247	SSF x Far_LoA	-10,3413775	0,050	0,291
CHR5	23909291	CHR5:23909291	SSF x Far_LoA	-8,90420927	0,036	0,313
CHR5	23909306	CHR5:23909306	SSF x Far_LoA	-7,63470628	-0,118	0,312
CHR5	2391122	CHR5:2391122	SSF x Far_LoA	-9,16703618	0,104	0,312
CHR5	23911756	CHR5:23911756	SSF x Far_LoA	-11,066411	-0,102	0,296
CHR5	23911909	CHR5:23911909	SSF x Far_LoA	-7,53787958	-0,110	0,303
CHR5	23926753	CHR5:23926753	SSF x Far_LoA	-8,3833346	0,079	0,304
CHR5	23926902	CHR5:23926902	SSF x Far_LoA	-6,80867665	-0,143	0,299
CHR5	23929991	CHR5:23929991	SSF x Far_LoA	-8,7724742	-0,093	0,304
CHR5	23929995	CHR5:23929995	SSF x Far_LoA	-9,02995713	0,035	0,302
CHR5	23930017	CHR5:23930017	SSF x Far_LoA	-9,30912331	-0,034	0,308
CHR5	23932277	CHR5:23932277	SSF x Far_LoA	-11,7951689	0,032	0,310
CHR5	23941641	CHR5:23941641	SSF x Far_LoA	-9,92907039	0,082	0,309
CHR5	23941785	CHR5:23941785	SSF x Far_LoA	-10,4737147	-0,089	0,290
CHR5	23941798	CHR5:23941798	SSF x Far_LoA	-11,0759427	0,032	0,312
CHR5	23941802	CHR5:23941802	SSF x Far_LoA	1,67505443	0,227	0,293
CHR5	23941864	CHR5:23941864	SSF x Far_LoA	-10,8493378	-0,050	0,298
CHR5	23951819	CHR5:23951819	SSF x Far_LoA	-8,00670264	-0,017	0,303
CHR5	23951934	CHR5:23951934	SSF x Far_LoA	-10,2796486	0,066	0,296
CHR5	23951944	CHR5:23951944	SSF x Far_LoA	-9,1490237	-0,055	0,312

CHR5	23954951	CHR5:23954951	SSF x Far_LoA	-9,24851124	0,045	0,292
CHR5	23957042	CHR5:23957042	SSF x Far_LoA	-10,0138392	0,197	0,297
CHR5	23957045	CHR5:23957045	SSF x Far_LoA	-8,81110567	0,076	0,320
CHR5	23962542	CHR5:23962542	SSF x Far_LoA	-9,69915805	0,062	0,289
CHR5	23962547	CHR5:23962547	SSF x Far_LoA	-7,91975535	0,095	0,292
CHR5	23965423	CHR5:23965423	SSF x Far_LoA	-10,4724012	-0,009	0,308
CHR5	23965438	CHR5:23965438	SSF x Far_LoA	-5,22532249	-0,236	0,284
CHR5	23982165	CHR5:23982165	SSF x Far_LoA	-11,4284144	0,100	0,296
CHR5	23982175	CHR5:23982175	SSF x Far_LoA	-10,9065275	0,050	0,301
CHR5	23982222	CHR5:23982222	SSF x Far_LoA	-8,18952321	-0,020	0,309
CHR5	23982249	CHR5:23982249	SSF x Far_LoA	-9,321109	0,166	0,298
CHR5	23986261	CHR5:23986261	SSF x Far_LoA	-5,34274918	-0,203	0,289
CHR5	23986287	CHR5:23986287	SSF x Far_LoA	-8,45719402	0,111	0,312
CHR5	23986412	CHR5:23986412	SSF x Far_LoA	-9,08804821	0,018	0,310
CHR5	23986421	CHR5:23986421	SSF x Far_LoA	-8,47707829	0,025	0,304
CHR5	23986455	CHR5:23986455	SSF x Far_LoA	-5,89640318	0,161	0,296
CHR5	23988079	CHR5:23988079	SSF x Far_LoA	-8,26937323	0,027	0,307
CHR5	23989740	CHR5:23989740	SSF x Far_LoA	-10,4614817	0,011	0,304
CHR5	23989760	CHR5:23989760	SSF x Far_LoA	-10,9250891	-0,046	0,307
CHR5	23989839	CHR5:23989839	SSF x Far_LoA	-10,549201	0,022	0,315
CHR5	23989841	CHR5:23989841	SSF x Far_LoA	-9,49121543	-0,132	0,300
CHR5	23989889	CHR5:23989889	SSF x Far_LoA	-9,79094492	0,062	0,306
CHR5	23991159	CHR5:23991159	SSF x Far_LoA	-9,77986346	-0,049	0,307
CHR5	23991257	CHR5:23991257	SSF x Far_LoA	-9,27161528	0,019	0,313
CHR5	23994375	CHR5:23994375	SSF x Far_LoA	-10,3220006	-0,082	0,294
CHR5	23994411	CHR5:23994411	SSF x Far_LoA	-9,5793935	0,122	0,299
CHR5	23994456	CHR5:23994456	SSF x Far_LoA	-6,25211181	-0,127	0,318
CHR5	23994457	CHR5:23994457	SSF x Far_LoA	-6,39627795	-0,088	0,307
CHR5	23994590	CHR5:23994590	SSF x Far_LoA	-4,13718834	-0,131	0,291
CHR5	23998301	CHR5:23998301	SSF x Far_LoA	-10,4232102	0,032	0,295
CHR5	23998367	CHR5:23998367	SSF x Far_LoA	-10,374817	0,067	0,297
CHR5	24005171	CHR5:24005171	SSF x Far_LoA	-10,8105254	-0,083	0,309
CHR5	24005284	CHR5:24005284	SSF x Far_LoA	-10,5353051	-0,095	0,306
CHR5	24011378	CHR5:24011378	SSF x Far_LoA	-8,29363768	0,033	0,309
CHR5	24011448	CHR5:24011448	SSF x Far_LoA	-9,08241097	-0,073	0,297
CHR5	24011512	CHR5:24011512	SSF x Far_LoA	-8,77814902	0,050	0,286
CHR5	24021953	CHR5:24021953	SSF x Far_LoA	-10,7248708	0,037	0,309
CHR5	24022044	CHR5:24022044	SSF x Far_LoA	-8,12342122	-0,074	0,304
CHR5	24022157	CHR5:24022157	SSF x Far_LoA	-4,53615411	0,166	0,310
CHR5	24022170	CHR5:24022170	SSF x Far_LoA	-7,29487663	0,186	0,303
CHR5	24022201	CHR5:24022201	SSF x Far_LoA	-9,95063296	0,106	0,311
CHR5	24022210	CHR5:24022210	SSF x Far_LoA	-7,83838832	-0,109	0,283
CHR5	24022220	CHR5:24022220	SSF x Far_LoA	-10,3514594	-0,093	0,301
CHR5	24036961	CHR5:24036961	SSF x Far_LoA	-10,0239095	0,102	0,300
CHR5	24037015	CHR5:24037015	SSF x Far_LoA	-11,8267666	-0,031	0,303
CHR5	24043511	CHR5:24043511	SSF x Far_LoA	-8,88275116	-0,064	0,321
CHR5	24043536	CHR5:24043536	SSF x Far_LoA	-10,7962541	0,097	0,306
CHR5	24043552	CHR5:24043552	SSF x Far_LoA	-10,8203334	0,045	0,301
CHR5	24043719	CHR5:24043719	SSF x Far_LoA	-6,15177894	0,211	0,292
CHR5	24043738	CHR5:24043738	SSF x Far_LoA	-8,96299256	0,071	0,325
CHR5	24043800	CHR5:24043800	SSF x Far_LoA	-6,99794311	0,155	0,306
CHR5	24046676	CHR5:24046676	SSF x Far_LoA	-6,69703061	-0,024	0,323
CHR5	24046776	CHR5:24046776	SSF x Far_LoA	-9,35425041	0,057	0,287

CHR5	24057654	CHR5:24057654	SSF x Far_LoA	-8,3432773	-0,066	0,308
CHR5	24060359	CHR5:24060359	SSF x Far_LoA	-8,19481323	0,084	0,312
CHR5	24066217	CHR5:24066217	SSF x Far_LoA	-10,824401	0,018	0,302
CHR5	24066259	CHR5:24066259	SSF x Far_LoA	-9,58517182	0,006	0,302
CHR5	24079761	CHR5:24079761	SSF x Far_LoA	-11,0438559	-0,080	0,294
CHR5	24082337	CHR5:24082337	SSF x Far_LoA	-9,01375419	0,036	0,319
CHR5	24082408	CHR5:24082408	SSF x Far_LoA	-9,05711771	-0,001	0,307
CHR5	2409284	CHR5:2409284	SSF x Far_LoA	-8,72860362	-0,046	0,311
CHR5	2409430	CHR5:2409430	SSF x Far_LoA	-8,56982779	0,070	0,312
CHR5	24094888	CHR5:24094888	SSF x Far_LoA	-10,7587435	0,004	0,308
CHR5	24094906	CHR5:24094906	SSF x Far_LoA	-7,565615	0,028	0,311
CHR5	24094968	CHR5:24094968	SSF x Far_LoA	-8,01810014	-0,023	0,314
CHR5	2409559	CHR5:2409559	SSF x Far_LoA	-9,73983358	-0,057	0,318
CHR5	24097184	CHR5:24097184	SSF x Far_LoA	-10,1321764	-0,084	0,299
CHR5	24097219	CHR5:24097219	SSF x Far_LoA	-11,1812633	0,001	0,305
CHR5	24097244	CHR5:24097244	SSF x Far_LoA	-7,8760076	-0,018	0,319
CHR5	24097262	CHR5:24097262	SSF x Far_LoA	-10,1183333	0,021	0,301
CHR5	24099194	CHR5:24099194	SSF x Far_LoA	-11,5370935	-0,005	0,308
CHR5	24099251	CHR5:24099251	SSF x Far_LoA	-6,36964769	-0,230	0,279
CHR5	24099261	CHR5:24099261	SSF x Far_LoA	-9,12624688	-0,076	0,303
CHR5	24099279	CHR5:24099279	SSF x Far_LoA	-7,19861267	-0,126	0,319
CHR5	24099301	CHR5:24099301	SSF x Far_LoA	-9,33780601	-0,128	0,303
CHR5	24112127	CHR5:24112127	SSF x Far_LoA	-10,1951142	-0,046	0,318
CHR5	24112189	CHR5:24112189	SSF x Far_LoA	-9,4500684	-0,051	0,313
CHR5	24112277	CHR5:24112277	SSF x Far_LoA	-8,89289116	0,061	0,303
CHR5	24112289	CHR5:24112289	SSF x Far_LoA	-11,6827332	0,014	0,296
CHR5	24112338	CHR5:24112338	SSF x Far_LoA	-3,91161478	0,073	0,303
CHR5	24112357	CHR5:24112357	SSF x Far_LoA	-12,2829785	-0,008	0,301
CHR5	24112424	CHR5:24112424	SSF x Far_LoA	-8,03122862	0,163	0,291
CHR5	24112429	CHR5:24112429	SSF x Far_LoA	-5,92186055	0,172	0,296
CHR5	24119166	CHR5:24119166	SSF x Far_LoA	-4,80419944	-0,082	0,305
CHR5	24123601	CHR5:24123601	SSF x Far_LoA	-9,88844636	-0,081	0,306
CHR5	24123818	CHR5:24123818	SSF x Far_LoA	-7,46598032	0,121	0,302
CHR5	24123831	CHR5:24123831	SSF x Far_LoA	-10,5425286	-0,078	0,305
CHR5	24129103	CHR5:24129103	SSF x Far_LoA	-11,6035965	-0,016	0,299
CHR5	24129104	CHR5:24129104	SSF x Far_LoA	-11,0958543	-0,031	0,308
CHR5	24129113	CHR5:24129113	SSF x Far_LoA	-8,20950738	-0,006	0,315
CHR5	24129122	CHR5:24129122	SSF x Far_LoA	-6,57696471	0,072	0,298
CHR5	24129133	CHR5:24129133	SSF x Far_LoA	-9,37994278	0,040	0,309
CHR5	24129340	CHR5:24129340	SSF x Far_LoA	-10,714128	0,007	0,319
CHR5	24153970	CHR5:24153970	SSF x Far_LoA	-9,10764555	-0,077	0,284
CHR5	24154042	CHR5:24154042	SSF x Far_LoA	-4,76869537	0,191	0,284
CHR5	24154063	CHR5:24154063	SSF x Far_LoA	-12,1085213	0,056	0,305
CHR5	24156547	CHR5:24156547	SSF x Far_LoA	-9,03809176	0,099	0,310
CHR5	24156553	CHR5:24156553	SSF x Far_LoA	-10,5759675	-0,002	0,301
CHR5	24156574	CHR5:24156574	SSF x Far_LoA	-9,9141715	-0,032	0,317
CHR5	24156632	CHR5:24156632	SSF x Far_LoA	-9,97702401	0,058	0,314
CHR5	24159465	CHR5:24159465	SSF x Far_LoA	-9,73785754	-0,035	0,300
CHR5	24159469	CHR5:24159469	SSF x Far_LoA	-10,3726995	-0,030	0,308
CHR5	24159518	CHR5:24159518	SSF x Far_LoA	-9,00031976	0,010	0,297
CHR5	24159549	CHR5:24159549	SSF x Far_LoA	-6,29472905	-0,214	0,295
CHR5	2418831	CHR5:2418831	SSF x Far_LoA	-7,51970672	0,095	0,307
CHR5	2418888	CHR5:2418888	SSF x Far_LoA	-7,82815834	-0,117	0,316

CHR5	2418950	CHR5:2418950	SSF x Far_LoA	-7,07224383	-0,081	0,298
CHR5	2418957	CHR5:2418957	SSF x Far_LoA	-10,1577394	-0,119	0,292
CHR5	24194897	CHR5:24194897	SSF x Far_LoA	-10,990149	-0,039	0,298
CHR5	24216153	CHR5:24216153	SSF x Far_LoA	-8,42546793	0,150	0,292
CHR5	24261332	CHR5:24261332	SSF x Far_LoA	-9,68074961	0,025	0,303
CHR5	24272027	CHR5:24272027	SSF x Far_LoA	-9,14449202	0,005	0,319
CHR5	24272029	CHR5:24272029	SSF x Far_LoA	-9,14892289	0,012	0,314
CHR5	24272043	CHR5:24272043	SSF x Far_LoA	-8,38927977	0,031	0,307
CHR5	24272049	CHR5:24272049	SSF x Far_LoA	-5,60714739	-0,176	0,297
CHR5	24272057	CHR5:24272057	SSF x Far_LoA	-9,17974086	0,002	0,318
CHR5	24272082	CHR5:24272082	SSF x Far_LoA	-8,62647643	0,072	0,310
CHR5	24277514	CHR5:24277514	SSF x Far_LoA	-7,45268774	0,098	0,305
CHR5	24277593	CHR5:24277593	SSF x Far_LoA	-9,1339121	0,069	0,315
CHR5	24277603	CHR5:24277603	SSF x Far_LoA	-9,24966774	0,020	0,297
CHR5	24279522	CHR5:24279522	SSF x Far_LoA	-9,73937387	0,203	0,291
CHR5	24313808	CHR5:24313808	SSF x Far_LoA	-8,31037326	0,029	0,304
CHR5	2434255	CHR5:2434255	SSF x Far_LoA	-11,8149085	-0,021	0,296
CHR5	2434261	CHR5:2434261	SSF x Far_LoA	-6,49393402	-0,146	0,308
CHR5	2434270	CHR5:2434270	SSF x Far_LoA	-6,16466217	-0,159	0,308
CHR5	2434289	CHR5:2434289	SSF x Far_LoA	-5,21578535	-0,118	0,302
CHR5	24344052	CHR5:24344052	SSF x Far_LoA	-9,04739166	-0,013	0,309
CHR5	24345808	CHR5:24345808	SSF x Far_LoA	-8,68164542	0,024	0,295
CHR5	24346350	CHR5:24346350	SSF x Far_LoA	-9,1067558	-0,110	0,307
CHR5	24346362	CHR5:24346362	SSF x Far_LoA	-9,18150469	-0,034	0,299
CHR5	24371464	CHR5:24371464	SSF x Far_LoA	-8,65082336	0,115	0,299
CHR5	24371515	CHR5:24371515	SSF x Far_LoA	-10,5867062	0,003	0,306
CHR5	24382370	CHR5:24382370	SSF x Far_LoA	-7,7514226	-0,124	0,309
CHR5	24382496	CHR5:24382496	SSF x Far_LoA	-12,1685932	0,076	0,292
CHR5	24387351	CHR5:24387351	SSF x Far_LoA	-9,96148649	-0,015	0,309
CHR5	24387361	CHR5:24387361	SSF x Far_LoA	-8,55004337	0,057	0,310
CHR5	24387455	CHR5:24387455	SSF x Far_LoA	-7,2397425	-0,090	0,304
CHR5	24387507	CHR5:24387507	SSF x Far_LoA	-9,70473995	0,033	0,312
CHR5	24387508	CHR5:24387508	SSF x Far_LoA	-9,3432973	-0,062	0,297
CHR5	24387535	CHR5:24387535	SSF x Far_LoA	-10,306522	-0,053	0,305
CHR5	24389079	CHR5:24389079	SSF x Far_LoA	-9,28505527	-0,094	0,302
CHR5	24389105	CHR5:24389105	SSF x Far_LoA	-3,92006173	0,191	0,291
CHR5	24389242	CHR5:24389242	SSF x Far_LoA	-6,62787557	-0,120	0,315
CHR5	24389243	CHR5:24389243	SSF x Far_LoA	-10,8601887	-0,100	0,307
CHR5	2439237	CHR5:2439237	SSF x Far_LoA	-10,9913126	0,040	0,310
CHR5	2439258	CHR5:2439258	SSF x Far_LoA	-8,39693863	0,072	0,301
CHR5	2439330	CHR5:2439330	SSF x Far_LoA	-4,67846956	-0,132	0,311
CHR5	2439355	CHR5:2439355	SSF x Far_LoA	-8,4307201	0,098	0,319
CHR5	2439365	CHR5:2439365	SSF x Far_LoA	-7,0239314	0,083	0,310
CHR5	2439378	CHR5:2439378	SSF x Far_LoA	-8,023557	0,081	0,310
CHR5	2439399	CHR5:2439399	SSF x Far_LoA	-9,23771264	0,046	0,305
CHR5	2439404	CHR5:2439404	SSF x Far_LoA	-8,45521344	0,048	0,295
CHR5	2439406	CHR5:2439406	SSF x Far_LoA	-7,83950672	-0,099	0,309
CHR5	2439420	CHR5:2439420	SSF x Far_LoA	-10,4105213	0,083	0,299
CHR5	2439422	CHR5:2439422	SSF x Far_LoA	-5,54243576	-0,158	0,305
CHR5	24399915	CHR5:24399915	SSF x Far_LoA	-10,0235336	-0,016	0,303
CHR5	24400147	CHR5:24400147	SSF x Far_LoA	-6,86878506	-0,098	0,304
CHR5	24400162	CHR5:24400162	SSF x Far_LoA	-0,42838708	-0,130	0,283
CHR5	2441063	CHR5:2441063	SSF x Far_LoA	-9,19787781	-0,034	0,304

CHR5	24412159	CHR5:24412159	SSF x Far_LoA	-11,0653611	0,082	0,294
CHR5	24412298	CHR5:24412298	SSF x Far_LoA	-7,68863796	-0,015	0,316
CHR5	24412320	CHR5:24412320	SSF x Far_LoA	-9,39190403	0,035	0,316
CHR5	24421958	CHR5:24421958	SSF x Far_LoA	-10,6869497	-0,114	0,298
CHR5	24425192	CHR5:24425192	SSF x Far_LoA	-8,39940225	-0,120	0,318
CHR5	24425296	CHR5:24425296	SSF x Far_LoA	-11,7315616	-0,045	0,286
CHR5	24425348	CHR5:24425348	SSF x Far_LoA	-11,2724615	0,036	0,313
CHR5	24433980	CHR5:24433980	SSF x Far_LoA	-8,69884792	-0,066	0,302
CHR5	24436107	CHR5:24436107	SSF x Far_LoA	-9,87243269	0,092	0,305
CHR5	24438283	CHR5:24438283	SSF x Far_LoA	-10,5480191	0,091	0,298
CHR5	24444168	CHR5:24444168	SSF x Far_LoA	-10,6992904	-0,122	0,306
CHR5	24444184	CHR5:24444184	SSF x Far_LoA	-8,41023383	0,102	0,309
CHR5	24444239	CHR5:24444239	SSF x Far_LoA	-7,26683503	0,127	0,311
CHR5	24444292	CHR5:24444292	SSF x Far_LoA	-10,5527253	-0,017	0,300
CHR5	24444325	CHR5:24444325	SSF x Far_LoA	-11,7326308	0,016	0,304
CHR5	2444779	CHR5:2444779	SSF x Far_LoA	-10,389654	-0,045	0,295
CHR5	2444783	CHR5:2444783	SSF x Far_LoA	-8,74600545	-0,097	0,298
CHR5	2444786	CHR5:2444786	SSF x Far_LoA	-8,94387512	-0,062	0,309
CHR5	24449625	CHR5:24449625	SSF x Far_LoA	-10,6347211	0,062	0,297
CHR5	24449717	CHR5:24449717	SSF x Far_LoA	-11,7217486	0,029	0,293
CHR5	24451224	CHR5:24451224	SSF x Far_LoA	-11,166041	0,034	0,307
CHR5	24451273	CHR5:24451273	SSF x Far_LoA	-5,14410986	-0,127	0,312
CHR5	24451278	CHR5:24451278	SSF x Far_LoA	-7,42395836	-0,140	0,318
CHR5	24451279	CHR5:24451279	SSF x Far_LoA	-6,51988047	-0,123	0,306
CHR5	24451338	CHR5:24451338	SSF x Far_LoA	-9,6275584	0,037	0,314
CHR5	24459758	CHR5:24459758	SSF x Far_LoA	-11,6579275	0,005	0,301
CHR5	24461435	CHR5:24461435	SSF x Far_LoA	-10,31702	0,016	0,306
CHR5	24461495	CHR5:24461495	SSF x Far_LoA	-9,82663542	0,135	0,309
CHR5	24465191	CHR5:24465191	SSF x Far_LoA	-7,55450455	0,044	0,311
CHR5	24465285	CHR5:24465285	SSF x Far_LoA	-10,8902009	-0,065	0,300
CHR5	24465293	CHR5:24465293	SSF x Far_LoA	-8,42679773	-0,100	0,302
CHR5	24469455	CHR5:24469455	SSF x Far_LoA	-9,60278284	-0,015	0,305
CHR5	24469503	CHR5:24469503	SSF x Far_LoA	-9,82470473	-0,106	0,301
CHR5	24469526	CHR5:24469526	SSF x Far_LoA	-7,82832556	-0,009	0,297
CHR5	24469592	CHR5:24469592	SSF x Far_LoA	-9,66090863	0,049	0,317
CHR5	24469753	CHR5:24469753	SSF x Far_LoA	-7,64081157	-0,016	0,311
CHR5	24472238	CHR5:24472238	SSF x Far_LoA	-10,2997202	-0,092	0,303
CHR5	24477444	CHR5:24477444	SSF x Far_LoA	-8,53774515	0,068	0,310
CHR5	24477480	CHR5:24477480	SSF x Far_LoA	-10,2723593	-0,050	0,312
CHR5	24477563	CHR5:24477563	SSF x Far_LoA	-11,0300865	0,034	0,305
CHR5	24477635	CHR5:24477635	SSF x Far_LoA	-8,94832577	0,011	0,306
CHR5	24488370	CHR5:24488370	SSF x Far_LoA	-10,9788557	-0,049	0,306
CHR5	24506542	CHR5:24506542	SSF x Far_LoA	-11,51103	0,024	0,303
CHR5	24506569	CHR5:24506569	SSF x Far_LoA	-9,8092155	0,037	0,324
CHR5	24506610	CHR5:24506610	SSF x Far_LoA	-10,9785175	-0,059	0,311
CHR5	24506630	CHR5:24506630	SSF x Far_LoA	-10,0071191	0,017	0,311
CHR5	24506643	CHR5:24506643	SSF x Far_LoA	-10,3168548	-0,089	0,310
CHR5	24506652	CHR5:24506652	SSF x Far_LoA	-9,26070854	0,055	0,299
CHR5	24506654	CHR5:24506654	SSF x Far_LoA	-9,55869475	0,065	0,304
CHR5	24506665	CHR5:24506665	SSF x Far_LoA	-9,14135004	-0,003	0,315
CHR5	24506679	CHR5:24506679	SSF x Far_LoA	-8,39771136	0,045	0,321
CHR5	24506721	CHR5:24506721	SSF x Far_LoA	-10,8378151	-0,042	0,308
CHR5	24506731	CHR5:24506731	SSF x Far_LoA	-7,65699888	0,023	0,321

CHR5	24506752	CHR5:24506752	SSF x Far_LoA	-8,1240848	0,060	0,312
CHR5	24506800	CHR5:24506800	SSF x Far_LoA	-9,25726412	0,000	0,316
CHR5	24506812	CHR5:24506812	SSF x Far_LoA	-11,3934646	-0,014	0,325
CHR5	24510652	CHR5:24510652	SSF x Far_LoA	-9,63679024	-0,010	0,298
CHR5	24510864	CHR5:24510864	SSF x Far_LoA	-8,64176706	0,087	0,298
CHR5	24510919	CHR5:24510919	SSF x Far_LoA	-7,61921967	0,061	0,310
CHR5	24560002	CHR5:24560002	SSF x Far_LoA	-10,6187878	-0,006	0,313
CHR5	24560028	CHR5:24560028	SSF x Far_LoA	-9,94312264	-0,049	0,306
CHR5	24560082	CHR5:24560082	SSF x Far_LoA	-11,7442024	-0,050	0,306
CHR5	24560251	CHR5:24560251	SSF x Far_LoA	-10,3614134	-0,036	0,309
CHR5	24570154	CHR5:24570154	SSF x Far_LoA	-9,60616558	-0,002	0,306
CHR5	24570186	CHR5:24570186	SSF x Far_LoA	-11,2410766	0,099	0,307
CHR5	24570200	CHR5:24570200	SSF x Far_LoA	-9,78734554	0,106	0,307
CHR5	24570310	CHR5:24570310	SSF x Far_LoA	-9,69423063	0,020	0,307
CHR5	24570328	CHR5:24570328	SSF x Far_LoA	-9,67917921	0,071	0,292
CHR5	24571850	CHR5:24571850	SSF x Far_LoA	-10,1857048	-0,037	0,302
CHR5	24571878	CHR5:24571878	SSF x Far_LoA	-9,40773434	0,018	0,313
CHR5	24571908	CHR5:24571908	SSF x Far_LoA	-7,19572051	-0,062	0,304
CHR5	24571911	CHR5:24571911	SSF x Far_LoA	-8,96734928	0,029	0,303
CHR5	24571953	CHR5:24571953	SSF x Far_LoA	-2,93864676	0,197	0,301
CHR5	24571963	CHR5:24571963	SSF x Far_LoA	-9,42434	-0,024	0,306
CHR5	2458180	CHR5:2458180	SSF x Far_LoA	-7,07803602	-0,118	0,312
CHR5	2458188	CHR5:2458188	SSF x Far_LoA	-3,62350046	0,186	0,300
CHR5	24582123	CHR5:24582123	SSF x Far_LoA	-10,2852602	0,040	0,303
CHR5	24582145	CHR5:24582145	SSF x Far_LoA	-9,88622209	0,010	0,319
CHR5	24582192	CHR5:24582192	SSF x Far_LoA	-10,250397	0,044	0,297
CHR5	2458445	CHR5:2458445	SSF x Far_LoA	-9,94442695	0,098	0,296
CHR5	24592377	CHR5:24592377	SSF x Far_LoA	-11,0374473	-0,116	0,303
CHR5	24593606	CHR5:24593606	SSF x Far_LoA	-9,37924735	0,023	0,296
CHR5	24593665	CHR5:24593665	SSF x Far_LoA	-9,80497008	0,044	0,306
CHR5	24593668	CHR5:24593668	SSF x Far_LoA	-7,76440141	0,027	0,309
CHR5	24595114	CHR5:24595114	SSF x Far_LoA	-10,890011	0,059	0,298
CHR5	24595138	CHR5:24595138	SSF x Far_LoA	-9,23669733	0,123	0,302
CHR5	24595144	CHR5:24595144	SSF x Far_LoA	-6,43712589	0,146	0,316
CHR5	24595149	CHR5:24595149	SSF x Far_LoA	-9,74628069	-0,142	0,298
CHR5	24595309	CHR5:24595309	SSF x Far_LoA	-11,9656463	0,044	0,306
CHR5	24602826	CHR5:24602826	SSF x Far_LoA	-11,199014	0,035	0,309
CHR5	24602874	CHR5:24602874	SSF x Far_LoA	-10,0120343	-0,005	0,314
CHR5	24603675	CHR5:24603675	SSF x Far_LoA	-9,46570526	-0,085	0,312
CHR5	24603768	CHR5:24603768	SSF x Far_LoA	-11,4703161	0,075	0,306
CHR5	24607559	CHR5:24607559	SSF x Far_LoA	-7,59502427	-0,067	0,309
CHR5	24607560	CHR5:24607560	SSF x Far_LoA	-9,6395086	0,084	0,318
CHR5	24608647	CHR5:24608647	SSF x Far_LoA	-9,86555334	-0,021	0,298
CHR5	24608890	CHR5:24608890	SSF x Far_LoA	-9,79552398	-0,008	0,310
CHR5	24620527	CHR5:24620527	SSF x Far_LoA	-12,225455	0,047	0,291
CHR5	24620536	CHR5:24620536	SSF x Far_LoA	-5,74904185	-0,202	0,300
CHR5	24631938	CHR5:24631938	SSF x Far_LoA	-8,93871428	0,131	0,312
CHR5	24631954	CHR5:24631954	SSF x Far_LoA	-9,53161697	0,097	0,305
CHR5	24631960	CHR5:24631960	SSF x Far_LoA	-10,5398078	-0,150	0,297
CHR5	24631979	CHR5:24631979	SSF x Far_LoA	-8,72350912	-0,037	0,304
CHR5	24632016	CHR5:24632016	SSF x Far_LoA	-10,2088536	0,138	0,287
CHR5	24637723	CHR5:24637723	SSF x Far_LoA	-7,86111981	0,030	0,293
CHR5	24637737	CHR5:24637737	SSF x Far_LoA	-9,88142358	-0,007	0,306

CHR5	24638915	CHR5:24638915	SSF x Far_LoA	-9,18305954	-0,010	0,295
CHR5	24638950	CHR5:24638950	SSF x Far_LoA	-8,5409182	-0,068	0,303
CHR5	24639044	CHR5:24639044	SSF x Far_LoA	-10,3509383	-0,006	0,303
CHR5	24639052	CHR5:24639052	SSF x Far_LoA	-9,62950914	-0,079	0,298
CHR5	24639146	CHR5:24639146	SSF x Far_LoA	-9,28728773	-0,021	0,304
CHR5	24641911	CHR5:24641911	SSF x Far_LoA	-9,08944541	-0,085	0,313
CHR5	24641990	CHR5:24641990	SSF x Far_LoA	-9,15334588	-0,063	0,303
CHR5	24641999	CHR5:24641999	SSF x Far_LoA	-8,01640722	0,032	0,311
CHR5	24642046	CHR5:24642046	SSF x Far_LoA	-10,1943883	-0,012	0,306
CHR5	24642058	CHR5:24642058	SSF x Far_LoA	-11,422716	0,033	0,310
CHR5	24642063	CHR5:24642063	SSF x Far_LoA	-7,80634698	0,089	0,308
CHR5	24642071	CHR5:24642071	SSF x Far_LoA	-8,57670127	-0,088	0,306
CHR5	24642076	CHR5:24642076	SSF x Far_LoA	-11,602278	-0,013	0,294
CHR5	24642134	CHR5:24642134	SSF x Far_LoA	-8,67465021	-0,032	0,317
CHR5	2464544	CHR5:2464544	SSF x Far_LoA	-5,97299252	-0,168	0,292
CHR5	2464601	CHR5:2464601	SSF x Far_LoA	-9,06004257	-0,054	0,303
CHR5	2464651	CHR5:2464651	SSF x Far_LoA	-9,99500473	0,034	0,304
CHR5	24649558	CHR5:24649558	SSF x Far_LoA	-7,03414913	-0,061	0,308
CHR5	24649624	CHR5:24649624	SSF x Far_LoA	-8,446244	-0,017	0,320
CHR5	2465905	CHR5:2465905	SSF x Far_LoA	-10,2453347	0,056	0,310
CHR5	2465909	CHR5:2465909	SSF x Far_LoA	-11,6899987	-0,100	0,318
CHR5	24661313	CHR5:24661313	SSF x Far_LoA	-9,86602849	0,038	0,307
CHR5	24661458	CHR5:24661458	SSF x Far_LoA	-9,4771835	-0,004	0,314
CHR5	24668080	CHR5:24668080	SSF x Far_LoA	-10,1401674	-0,006	0,295
CHR5	24668101	CHR5:24668101	SSF x Far_LoA	-10,0922811	0,161	0,276
CHR5	24675243	CHR5:24675243	SSF x Far_LoA	-9,04953843	0,014	0,319
CHR5	24675303	CHR5:24675303	SSF x Far_LoA	-7,81662198	-0,021	0,303
CHR5	24675318	CHR5:24675318	SSF x Far_LoA	-9,55163856	-0,051	0,302
CHR5	24675324	CHR5:24675324	SSF x Far_LoA	-10,2350636	0,066	0,319
CHR5	24675336	CHR5:24675336	SSF x Far_LoA	-11,6628432	0,069	0,306
CHR5	24711339	CHR5:24711339	SSF x Far_LoA	-10,2138065	-0,021	0,303
CHR5	24713691	CHR5:24713691	SSF x Far_LoA	-7,89602612	0,084	0,294
CHR5	24713789	CHR5:24713789	SSF x Far_LoA	-10,240057	-0,074	0,309
CHR5	24713796	CHR5:24713796	SSF x Far_LoA	-9,46337074	0,027	0,309
CHR5	24721429	CHR5:24721429	SSF x Far_LoA	-8,98052632	0,143	0,300
CHR5	24722778	CHR5:24722778	SSF x Far_LoA	-0,49491366	0,196	0,297
CHR5	2473805	CHR5:2473805	SSF x Far_LoA	-7,36653259	0,210	0,269
CHR5	2474086	CHR5:2474086	SSF x Far_LoA	-9,92004679	-0,007	0,301
CHR5	24746119	CHR5:24746119	SSF x Far_LoA	-9,49002063	-0,040	0,305
CHR5	24746196	CHR5:24746196	SSF x Far_LoA	-11,1203706	0,035	0,299
CHR5	24746198	CHR5:24746198	SSF x Far_LoA	-8,33371185	0,082	0,315
CHR5	24748525	CHR5:24748525	SSF x Far_LoA	-11,9641155	0,016	0,293
CHR5	24748573	CHR5:24748573	SSF x Far_LoA	-7,88782492	-0,013	0,288
CHR5	24748671	CHR5:24748671	SSF x Far_LoA	-9,07599803	0,071	0,310
CHR5	24748730	CHR5:24748730	SSF x Far_LoA	-9,93394942	-0,007	0,313
CHR5	24750482	CHR5:24750482	SSF x Far_LoA	-10,022595	0,071	0,295
CHR5	2476025	CHR5:2476025	SSF x Far_LoA	-8,63562589	0,026	0,313
CHR5	2476035	CHR5:2476035	SSF x Far_LoA	-12,4088705	0,021	0,297
CHR5	2476040	CHR5:2476040	SSF x Far_LoA	-6,51522997	-0,049	0,310
CHR5	2476068	CHR5:2476068	SSF x Far_LoA	-9,98343061	0,016	0,310
CHR5	24765920	CHR5:24765920	SSF x Far_LoA	-6,94908929	-0,122	0,287
CHR5	24765930	CHR5:24765930	SSF x Far_LoA	-8,09221192	0,129	0,298
CHR5	24765974	CHR5:24765974	SSF x Far_LoA	-9,51444476	-0,069	0,298

CHR5	24766038	CHR5:24766038	SSF x Far_LoA	-11,3019091	-0,038	0,298
CHR5	24796715	CHR5:24796715	SSF x Far_LoA	-9,99286816	-0,040	0,303
CHR5	24796737	CHR5:24796737	SSF x Far_LoA	-3,28350826	-0,107	0,301
CHR5	24796793	CHR5:24796793	SSF x Far_LoA	-7,94209126	0,004	0,311
CHR5	2480216	CHR5:2480216	SSF x Far_LoA	-9,368743	-0,115	0,300
CHR5	2480268	CHR5:2480268	SSF x Far_LoA	-10,2095242	-0,007	0,302
CHR5	2480334	CHR5:2480334	SSF x Far_LoA	-8,57884416	-0,104	0,309
CHR5	2480519	CHR5:2480519	SSF x Far_LoA	-11,385754	0,111	0,306
CHR5	24811060	CHR5:24811060	SSF x Far_LoA	-10,0329047	-0,043	0,297
CHR5	24811069	CHR5:24811069	SSF x Far_LoA	-11,2398967	-0,034	0,315
CHR5	24811108	CHR5:24811108	SSF x Far_LoA	-11,5852102	-0,036	0,297
CHR5	24811112	CHR5:24811112	SSF x Far_LoA	-10,921602	-0,020	0,296
CHR5	24814440	CHR5:24814440	SSF x Far_LoA	-8,93732928	-0,041	0,328
CHR5	24841673	CHR5:24841673	SSF x Far_LoA	-7,77978382	-0,068	0,310
CHR5	24841681	CHR5:24841681	SSF x Far_LoA	-11,5446014	0,089	0,315
CHR5	24841683	CHR5:24841683	SSF x Far_LoA	-11,7614693	0,065	0,285
CHR5	24841729	CHR5:24841729	SSF x Far_LoA	-9,09987922	0,162	0,297
CHR5	24841730	CHR5:24841730	SSF x Far_LoA	-8,26878872	-0,027	0,305
CHR5	24841734	CHR5:24841734	SSF x Far_LoA	-9,77509372	-0,051	0,308
CHR5	24841735	CHR5:24841735	SSF x Far_LoA	-10,1716757	-0,034	0,291
CHR5	24841736	CHR5:24841736	SSF x Far_LoA	-9,1414966	-0,043	0,305
CHR5	24841747	CHR5:24841747	SSF x Far_LoA	-10,7363405	0,013	0,314
CHR5	24841750	CHR5:24841750	SSF x Far_LoA	-7,93522019	-0,050	0,301
CHR5	24841789	CHR5:24841789	SSF x Far_LoA	-8,42981915	-0,008	0,308
CHR5	24841793	CHR5:24841793	SSF x Far_LoA	-8,08359291	-0,025	0,308
CHR5	24848222	CHR5:24848222	SSF x Far_LoA	-9,01813716	-0,022	0,304
CHR5	24848304	CHR5:24848304	SSF x Far_LoA	-9,0740267	-0,030	0,293
CHR5	24848336	CHR5:24848336	SSF x Far_LoA	-7,38573732	0,035	0,326
CHR5	24848349	CHR5:24848349	SSF x Far_LoA	-8,04892928	-0,014	0,297
CHR5	24857357	CHR5:24857357	SSF x Far_LoA	-8,78034056	0,014	0,327
CHR5	24857366	CHR5:24857366	SSF x Far_LoA	-11,6796874	0,042	0,313
CHR5	24857460	CHR5:24857460	SSF x Far_LoA	-6,5019674	0,052	0,303
CHR5	24861635	CHR5:24861635	SSF x Far_LoA	-10,9506264	-0,001	0,309
CHR5	24869278	CHR5:24869278	SSF x Far_LoA	-8,24988076	0,160	0,297
CHR5	24869287	CHR5:24869287	SSF x Far_LoA	-8,96710532	-0,003	0,318
CHR5	24869344	CHR5:24869344	SSF x Far_LoA	-9,96566235	-0,031	0,307
CHR5	24869361	CHR5:24869361	SSF x Far_LoA	-9,87176158	-0,022	0,296
CHR5	24869369	CHR5:24869369	SSF x Far_LoA	-10,7039188	-0,055	0,308
CHR5	2487023	CHR5:2487023	SSF x Far_LoA	-10,7935924	-0,048	0,314
CHR5	2487184	CHR5:2487184	SSF x Far_LoA	-10,8555652	-0,088	0,306
CHR5	24874647	CHR5:24874647	SSF x Far_LoA	-10,6123007	-0,057	0,322
CHR5	24874852	CHR5:24874852	SSF x Far_LoA	-12,1341947	0,035	0,291
CHR5	24874927	CHR5:24874927	SSF x Far_LoA	-10,3271501	0,071	0,307
CHR5	24885063	CHR5:24885063	SSF x Far_LoA	-8,87627305	-0,118	0,296
CHR5	2488518	CHR5:2488518	SSF x Far_LoA	-8,88716215	0,093	0,308
CHR5	24885231	CHR5:24885231	SSF x Far_LoA	-5,63714613	0,089	0,300
CHR5	24906366	CHR5:24906366	SSF x Far_LoA	-8,68227472	-0,027	0,321
CHR5	24906438	CHR5:24906438	SSF x Far_LoA	-8,4091911	0,072	0,308
CHR5	24906459	CHR5:24906459	SSF x Far_LoA	-9,10338413	0,013	0,319
CHR5	24909067	CHR5:24909067	SSF x Far_LoA	-9,48624152	-0,063	0,302
CHR5	24909068	CHR5:24909068	SSF x Far_LoA	-8,9492239	-0,080	0,303
CHR5	2491757	CHR5:2491757	SSF x Far_LoA	-1,88187337	0,140	0,295
CHR5	2491771	CHR5:2491771	SSF x Far_LoA	1,38190151	0,108	0,303

CHR5	2491867	CHR5:2491867	SSF x Far_LoA	-10,4485195	0,100	0,304
CHR5	24931142	CHR5:24931142	SSF x Far_LoA	-9,13979839	-0,141	0,312
CHR5	24931151	CHR5:24931151	SSF x Far_LoA	-9,10776751	-0,048	0,317
CHR5	24931213	CHR5:24931213	SSF x Far_LoA	-10,8190686	-0,062	0,298
CHR5	24931222	CHR5:24931222	SSF x Far_LoA	-10,9882574	0,029	0,309
CHR5	24931246	CHR5:24931246	SSF x Far_LoA	4,12295434	0,155	0,302
CHR5	24931267	CHR5:24931267	SSF x Far_LoA	-9,66456211	-0,048	0,302
CHR5	24931271	CHR5:24931271	SSF x Far_LoA	-6,64730057	-0,058	0,312
CHR5	24931287	CHR5:24931287	SSF x Far_LoA	-11,6224351	0,001	0,311
CHR5	24931297	CHR5:24931297	SSF x Far_LoA	-10,8295021	0,175	0,298
CHR5	24931308	CHR5:24931308	SSF x Far_LoA	-6,80468382	0,050	0,320
CHR5	24931318	CHR5:24931318	SSF x Far_LoA	-9,10100501	-0,050	0,323
CHR5	24931389	CHR5:24931389	SSF x Far_LoA	-8,58669545	0,068	0,307
CHR5	24940965	CHR5:24940965	SSF x Far_LoA	-10,6719047	-0,072	0,293
CHR5	24941064	CHR5:24941064	SSF x Far_LoA	-7,65230881	-0,015	0,314
CHR5	24946355	CHR5:24946355	SSF x Far_LoA	-9,53639779	0,001	0,297
CHR5	24946360	CHR5:24946360	SSF x Far_LoA	-8,80326288	-0,023	0,318
CHR5	24946361	CHR5:24946361	SSF x Far_LoA	-8,40939293	-0,038	0,312
CHR5	24950635	CHR5:24950635	SSF x Far_LoA	-9,44951734	0,089	0,312
CHR5	24950763	CHR5:24950763	SSF x Far_LoA	-7,95454435	0,052	0,301
CHR5	24950793	CHR5:24950793	SSF x Far_LoA	-9,18999253	-0,035	0,316
CHR5	24950799	CHR5:24950799	SSF x Far_LoA	-10,3960865	-0,006	0,314
CHR5	24971477	CHR5:24971477	SSF x Far_LoA	-9,71316001	-0,105	0,303
CHR5	24979546	CHR5:24979546	SSF x Far_LoA	-9,38221473	0,000	0,309
CHR5	24979556	CHR5:24979556	SSF x Far_LoA	-10,8857008	-0,052	0,315
CHR5	2498366	CHR5:2498366	SSF x Far_LoA	-7,36077677	-0,147	0,311
CHR5	2498423	CHR5:2498423	SSF x Far_LoA	-3,50888932	-0,073	0,313
CHR5	2498470	CHR5:2498470	SSF x Far_LoA	-10,6986484	0,093	0,299
CHR5	24987975	CHR5:24987975	SSF x Far_LoA	-8,41855581	0,026	0,302
CHR5	24988020	CHR5:24988020	SSF x Far_LoA	-9,65623716	0,054	0,292
CHR5	24988095	CHR5:24988095	SSF x Far_LoA	-9,72255631	0,045	0,306
CHR5	24988162	CHR5:24988162	SSF x Far_LoA	-4,87323132	0,139	0,302
CHR5	24988184	CHR5:24988184	SSF x Far_LoA	-10,5358027	0,089	0,300
CHR5	24996615	CHR5:24996615	SSF x Far_LoA	-0,31687741	-0,062	0,316
CHR5	24996629	CHR5:24996629	SSF x Far_LoA	-9,95375053	0,036	0,306
CHR5	25004192	CHR5:25004192	SSF x Far_LoA	-7,30418794	-0,093	0,311
CHR5	25004200	CHR5:25004200	SSF x Far_LoA	-9,55356766	-0,074	0,317
CHR5	25006085	CHR5:25006085	SSF x Far_LoA	-5,60796217	0,099	0,303
CHR5	25006108	CHR5:25006108	SSF x Far_LoA	-4,11032391	-0,107	0,306
CHR5	25008047	CHR5:25008047	SSF x Far_LoA	-11,6366065	-0,091	0,307
CHR5	25012357	CHR5:25012357	SSF x Far_LoA	-9,56803351	0,159	0,293
CHR5	25012585	CHR5:25012585	SSF x Far_LoA	-9,81225601	-0,005	0,306
CHR5	25012641	CHR5:25012641	SSF x Far_LoA	-9,19673053	0,105	0,297
CHR5	25012662	CHR5:25012662	SSF x Far_LoA	-6,97352145	-0,166	0,300
CHR5	25012726	CHR5:25012726	SSF x Far_LoA	-8,39549214	0,057	0,308
CHR5	25026787	CHR5:25026787	SSF x Far_LoA	-9,5670802	0,057	0,315
CHR5	25026814	CHR5:25026814	SSF x Far_LoA	-11,0100209	-0,123	0,306
CHR5	25026889	CHR5:25026889	SSF x Far_LoA	-8,50937075	-0,007	0,317
CHR5	25045181	CHR5:25045181	SSF x Far_LoA	-9,50480583	0,022	0,299
CHR5	25045363	CHR5:25045363	SSF x Far_LoA	-11,6890389	-0,108	0,292
CHR5	25052583	CHR5:25052583	SSF x Far_LoA	-8,80835577	0,054	0,316
CHR5	25052590	CHR5:25052590	SSF x Far_LoA	-9,15868105	-0,019	0,306
CHR5	25058525	CHR5:25058525	SSF x Far_LoA	-3,86014399	-0,138	0,310

CHR5	25058566	CHR5:25058566	SSF x Far_LoA	-10,7856862	0,049	0,301
CHR5	25058676	CHR5:25058676	SSF x Far_LoA	-2,04367339	0,051	0,323
CHR5	25058775	CHR5:25058775	SSF x Far_LoA	-10,5001186	-0,127	0,309
CHR5	25060727	CHR5:25060727	SSF x Far_LoA	-9,4035895	0,073	0,312
CHR5	25060801	CHR5:25060801	SSF x Far_LoA	-11,4658818	-0,039	0,316
CHR5	25060859	CHR5:25060859	SSF x Far_LoA	-10,8804833	-0,096	0,311
CHR5	25068229	CHR5:25068229	SSF x Far_LoA	-10,9189156	0,060	0,310
CHR5	25068256	CHR5:25068256	SSF x Far_LoA	-6,69032069	0,054	0,306
CHR5	25068400	CHR5:25068400	SSF x Far_LoA	-9,42767776	-0,048	0,314
CHR5	2507021	CHR5:2507021	SSF x Far_LoA	-11,4827039	-0,074	0,305
CHR5	2507097	CHR5:2507097	SSF x Far_LoA	-11,2699311	-0,001	0,308
CHR5	2507176	CHR5:2507176	SSF x Far_LoA	-9,3137705	0,067	0,317
CHR5	25086833	CHR5:25086833	SSF x Far_LoA	-9,96005817	0,083	0,305
CHR5	25086850	CHR5:25086850	SSF x Far_LoA	-9,56692883	0,038	0,298
CHR5	25086974	CHR5:25086974	SSF x Far_LoA	-6,1798951	-0,064	0,306
CHR5	25086975	CHR5:25086975	SSF x Far_LoA	-9,18379298	-0,020	0,297
CHR5	25087024	CHR5:25087024	SSF x Far_LoA	-7,55620494	-0,097	0,290
CHR5	25087047	CHR5:25087047	SSF x Far_LoA	-9,55960431	-0,082	0,310
CHR5	25087052	CHR5:25087052	SSF x Far_LoA	-8,62135103	-0,116	0,301
CHR5	25087094	CHR5:25087094	SSF x Far_LoA	-11,0524247	-0,093	0,304
CHR5	25099580	CHR5:25099580	SSF x Far_LoA	-7,41435678	0,024	0,304
CHR5	25099605	CHR5:25099605	SSF x Far_LoA	-0,52475514	-0,053	0,319
CHR5	25100978	CHR5:25100978	SSF x Far_LoA	-8,21527529	-0,032	0,308
CHR5	25101025	CHR5:25101025	SSF x Far_LoA	-8,96847176	0,000	0,313
CHR5	25101111	CHR5:25101111	SSF x Far_LoA	-9,79619029	0,029	0,322
CHR5	25101135	CHR5:25101135	SSF x Far_LoA	-9,87681341	0,053	0,314
CHR5	25105856	CHR5:25105856	SSF x Far_LoA	-9,47776523	-0,009	0,319
CHR5	25109290	CHR5:25109290	SSF x Far_LoA	-9,45839745	-0,068	0,319
CHR5	25109306	CHR5:25109306	SSF x Far_LoA	-10,4227698	-0,065	0,291
CHR5	25116584	CHR5:25116584	SSF x Far_LoA	-8,08273	0,113	0,296
CHR5	25116747	CHR5:25116747	SSF x Far_LoA	-10,8171537	0,058	0,312
CHR5	25116830	CHR5:25116830	SSF x Far_LoA	-9,64823848	-0,072	0,301
CHR5	25123420	CHR5:25123420	SSF x Far_LoA	-4,92476765	0,070	0,312
CHR5	25127710	CHR5:25127710	SSF x Far_LoA	-8,06030093	0,204	0,304
CHR5	25127715	CHR5:25127715	SSF x Far_LoA	-6,55654335	0,153	0,295
CHR5	25131232	CHR5:25131232	SSF x Far_LoA	-11,8792827	-0,051	0,296
CHR5	25131268	CHR5:25131268	SSF x Far_LoA	-7,25467025	0,091	0,307
CHR5	25131314	CHR5:25131314	SSF x Far_LoA	-8,90465909	-0,044	0,311
CHR5	25137142	CHR5:25137142	SSF x Far_LoA	-11,3235505	0,042	0,295
CHR5	25137200	CHR5:25137200	SSF x Far_LoA	-10,9500036	0,004	0,307
CHR5	25137301	CHR5:25137301	SSF x Far_LoA	-7,66854414	-0,068	0,297
CHR5	25137312	CHR5:25137312	SSF x Far_LoA	-7,05980089	0,209	0,294
CHR5	25137364	CHR5:25137364	SSF x Far_LoA	-10,0692416	0,016	0,305
CHR5	25144234	CHR5:25144234	SSF x Far_LoA	-7,07387358	0,098	0,302
CHR5	25144263	CHR5:25144263	SSF x Far_LoA	-9,75893909	0,045	0,317
CHR5	25146008	CHR5:25146008	SSF x Far_LoA	-10,3748269	0,035	0,304
CHR5	25146034	CHR5:25146034	SSF x Far_LoA	-8,46838605	-0,053	0,324
CHR5	2514682	CHR5:2514682	SSF x Far_LoA	-10,5221245	0,005	0,317
CHR5	2514718	CHR5:2514718	SSF x Far_LoA	-10,4577562	-0,116	0,312
CHR5	2514755	CHR5:2514755	SSF x Far_LoA	-9,98498224	0,028	0,305
CHR5	25156910	CHR5:25156910	SSF x Far_LoA	-7,71448213	-0,135	0,306
CHR5	25162948	CHR5:25162948	SSF x Far_LoA	-10,7251303	0,046	0,310
CHR5	25162964	CHR5:25162964	SSF x Far_LoA	-7,46828764	0,157	0,308

CHR5	25162978	CHR5:25162978	SSF x Far_LoA	-10,2777756	0,066	0,307
CHR5	25163033	CHR5:25163033	SSF x Far_LoA	-11,1087207	0,018	0,311
CHR5	25163040	CHR5:25163040	SSF x Far_LoA	-10,2211581	0,117	0,297
CHR5	25168379	CHR5:25168379	SSF x Far_LoA	-10,2085577	0,053	0,294
CHR5	25168413	CHR5:25168413	SSF x Far_LoA	-7,2603777	-0,120	0,309
CHR5	25168431	CHR5:25168431	SSF x Far_LoA	-2,01602843	-0,138	0,307
CHR5	25168432	CHR5:25168432	SSF x Far_LoA	-10,6404982	-0,027	0,309
CHR5	25170746	CHR5:25170746	SSF x Far_LoA	-9,75974531	-0,003	0,301
CHR5	25170923	CHR5:25170923	SSF x Far_LoA	-8,60486178	-0,085	0,316
CHR5	25180537	CHR5:25180537	SSF x Far_LoA	-6,31519243	0,045	0,322
CHR5	25180693	CHR5:25180693	SSF x Far_LoA	-10,3716103	-0,004	0,303
CHR5	25180725	CHR5:25180725	SSF x Far_LoA	-11,5884021	-0,048	0,311
CHR5	25180771	CHR5:25180771	SSF x Far_LoA	-1,48971831	-0,022	0,320
CHR5	25186307	CHR5:25186307	SSF x Far_LoA	-9,22835503	0,049	0,302
CHR5	25186318	CHR5:25186318	SSF x Far_LoA	-11,9002757	0,011	0,314
CHR5	25186361	CHR5:25186361	SSF x Far_LoA	-7,77135666	-0,123	0,315
CHR5	2518693	CHR5:2518693	SSF x Far_LoA	-7,66357919	-0,032	0,311
CHR5	25198224	CHR5:25198224	SSF x Far_LoA	-10,1233296	-0,022	0,302
CHR5	25199781	CHR5:25199781	SSF x Far_LoA	-8,65111587	0,017	0,299
CHR5	25199891	CHR5:25199891	SSF x Far_LoA	-8,22625626	-0,156	0,294
CHR5	25199940	CHR5:25199940	SSF x Far_LoA	-10,8830859	0,118	0,293
CHR5	25201792	CHR5:25201792	SSF x Far_LoA	-8,21883526	-0,011	0,305
CHR5	25211146	CHR5:25211146	SSF x Far_LoA	-9,19829507	0,007	0,320
CHR5	25211293	CHR5:25211293	SSF x Far_LoA	-10,561511	-0,031	0,308
CHR5	25211322	CHR5:25211322	SSF x Far_LoA	-10,8732775	-0,089	0,310
CHR5	25211325	CHR5:25211325	SSF x Far_LoA	-6,86031928	0,099	0,307
CHR5	25218390	CHR5:25218390	SSF x Far_LoA	-9,53715837	0,117	0,302
CHR5	25218415	CHR5:25218415	SSF x Far_LoA	-9,49868975	0,018	0,290
CHR5	25218478	CHR5:25218478	SSF x Far_LoA	-9,19497665	0,039	0,311
CHR5	25218573	CHR5:25218573	SSF x Far_LoA	-10,9477446	0,079	0,307
CHR5	25218596	CHR5:25218596	SSF x Far_LoA	-9,30540575	0,009	0,306
CHR5	25218646	CHR5:25218646	SSF x Far_LoA	-9,26932293	0,040	0,293
CHR5	25218675	CHR5:25218675	SSF x Far_LoA	-9,01206274	0,023	0,292
CHR5	25218677	CHR5:25218677	SSF x Far_LoA	-11,189455	-0,050	0,300
CHR5	25218723	CHR5:25218723	SSF x Far_LoA	-6,57430401	-0,119	0,302
CHR5	25218741	CHR5:25218741	SSF x Far_LoA	-6,57336781	-0,092	0,311
CHR5	25223120	CHR5:25223120	SSF x Far_LoA	-7,4792072	-0,011	0,305
CHR5	25223179	CHR5:25223179	SSF x Far_LoA	-9,58230087	-0,152	0,313
CHR5	25224704	CHR5:25224704	SSF x Far_LoA	-9,3746834	-0,060	0,321
CHR5	25224734	CHR5:25224734	SSF x Far_LoA	-10,2675034	-0,060	0,307
CHR5	25224779	CHR5:25224779	SSF x Far_LoA	-7,33899816	-0,064	0,314
CHR5	25224802	CHR5:25224802	SSF x Far_LoA	-8,97176267	0,116	0,306
CHR5	25224803	CHR5:25224803	SSF x Far_LoA	-6,21132548	0,108	0,299
CHR5	25229649	CHR5:25229649	SSF x Far_LoA	-9,79945043	0,035	0,313
CHR5	25229667	CHR5:25229667	SSF x Far_LoA	-10,2705443	0,013	0,305
CHR5	25229757	CHR5:25229757	SSF x Far_LoA	-10,1644825	0,049	0,303
CHR5	25229787	CHR5:25229787	SSF x Far_LoA	-6,98489345	-0,116	0,305
CHR5	25240521	CHR5:25240521	SSF x Far_LoA	-9,88039515	-0,093	0,284
CHR5	25240529	CHR5:25240529	SSF x Far_LoA	-7,77017904	-0,044	0,290
CHR5	25249886	CHR5:25249886	SSF x Far_LoA	-11,5601545	-0,057	0,311
CHR5	25249942	CHR5:25249942	SSF x Far_LoA	-11,0275102	0,028	0,310
CHR5	25249994	CHR5:25249994	SSF x Far_LoA	-9,41107681	-0,034	0,306
CHR5	25250012	CHR5:25250012	SSF x Far_LoA	-11,1316537	-0,081	0,297

CHR5	25254487	CHR5:25254487	SSF x Far_LoA	-10,8100426	-0,020	0,292
CHR5	25254567	CHR5:25254567	SSF x Far_LoA	-10,7728831	-0,028	0,316
CHR5	25254607	CHR5:25254607	SSF x Far_LoA	-12,64477	0,051	0,289
CHR5	25254609	CHR5:25254609	SSF x Far_LoA	-11,1624583	0,058	0,296
CHR5	25254741	CHR5:25254741	SSF x Far_LoA	-8,90131484	0,056	0,309
CHR5	2525729	CHR5:2525729	SSF x Far_LoA	-11,048282	-0,043	0,301
CHR5	2525780	CHR5:2525780	SSF x Far_LoA	-10,5426981	0,148	0,302
CHR5	25259407	CHR5:25259407	SSF x Far_LoA	-9,11166429	0,083	0,299
CHR5	25259445	CHR5:25259445	SSF x Far_LoA	-11,3913626	0,012	0,305
CHR5	25259470	CHR5:25259470	SSF x Far_LoA	-11,4770655	0,014	0,303
CHR5	25263306	CHR5:25263306	SSF x Far_LoA	-6,82054957	0,013	0,313
CHR5	25263358	CHR5:25263358	SSF x Far_LoA	-6,62137317	0,208	0,294
CHR5	25265376	CHR5:25265376	SSF x Far_LoA	-8,6765733	0,020	0,315
CHR5	25265392	CHR5:25265392	SSF x Far_LoA	-9,3990469	0,013	0,310
CHR5	25265422	CHR5:25265422	SSF x Far_LoA	-8,31388819	-0,077	0,308
CHR5	25266000	CHR5:25266000	SSF x Far_LoA	-9,62781973	0,066	0,317
CHR5	25271434	CHR5:25271434	SSF x Far_LoA	-8,57193297	-0,052	0,314
CHR5	25271548	CHR5:25271548	SSF x Far_LoA	-9,17160535	0,011	0,302
CHR5	25271627	CHR5:25271627	SSF x Far_LoA	-8,30527362	0,072	0,313
CHR5	25277500	CHR5:25277500	SSF x Far_LoA	-7,80326698	0,087	0,315
CHR5	2527826	CHR5:2527826	SSF x Far_LoA	-8,73868449	-0,168	0,301
CHR5	2527847	CHR5:2527847	SSF x Far_LoA	-8,22016448	0,139	0,297
CHR5	2527949	CHR5:2527949	SSF x Far_LoA	-9,61407436	0,035	0,299
CHR5	2528078	CHR5:2528078	SSF x Far_LoA	-10,1524823	-0,010	0,303
CHR5	25308317	CHR5:25308317	SSF x Far_LoA	-11,1858029	0,023	0,329
CHR5	25308325	CHR5:25308325	SSF x Far_LoA	-11,6253624	0,009	0,307
CHR5	25320372	CHR5:25320372	SSF x Far_LoA	-9,50519655	-0,079	0,307
CHR5	25350281	CHR5:25350281	SSF x Far_LoA	-8,5250734	-0,063	0,297
CHR5	25350301	CHR5:25350301	SSF x Far_LoA	-7,41367656	-0,060	0,298
CHR5	25368318	CHR5:25368318	SSF x Far_LoA	-11,4712033	0,029	0,312
CHR5	25368320	CHR5:25368320	SSF x Far_LoA	-10,3460476	0,105	0,296
CHR5	25375779	CHR5:25375779	SSF x Far_LoA	-10,5178193	-0,055	0,298
CHR5	25375824	CHR5:25375824	SSF x Far_LoA	-9,27618728	0,077	0,293
CHR5	25375825	CHR5:25375825	SSF x Far_LoA	-9,37498702	0,065	0,291
CHR5	25375877	CHR5:25375877	SSF x Far_LoA	-11,1901782	-0,050	0,304
CHR5	25375883	CHR5:25375883	SSF x Far_LoA	-8,53017512	-0,112	0,306
CHR5	25375895	CHR5:25375895	SSF x Far_LoA	-9,80623767	-0,128	0,298
CHR5	25391969	CHR5:25391969	SSF x Far_LoA	-8,11097505	0,024	0,307
CHR5	25392075	CHR5:25392075	SSF x Far_LoA	-12,2756788	-0,001	0,301
CHR5	25392138	CHR5:25392138	SSF x Far_LoA	-10,3237133	-0,063	0,311
CHR5	25392189	CHR5:25392189	SSF x Far_LoA	-9,77021347	-0,074	0,301
CHR5	25422037	CHR5:25422037	SSF x Far_LoA	-10,3616034	-0,039	0,308
CHR5	2542475	CHR5:2542475	SSF x Far_LoA	-7,40333451	0,022	0,313
CHR5	25461659	CHR5:25461659	SSF x Far_LoA	-11,5270572	-0,008	0,313
CHR5	25461852	CHR5:25461852	SSF x Far_LoA	-8,51485013	0,071	0,307
CHR5	25461874	CHR5:25461874	SSF x Far_LoA	-10,1799398	-0,016	0,312
CHR5	25469469	CHR5:25469469	SSF x Far_LoA	-0,40838097	-0,089	0,307
CHR5	25474422	CHR5:25474422	SSF x Far_LoA	-9,51890802	-0,072	0,312
CHR5	25474430	CHR5:25474430	SSF x Far_LoA	-10,5910236	-0,036	0,312
CHR5	25474493	CHR5:25474493	SSF x Far_LoA	-8,99788546	-0,175	0,297
CHR5	25474568	CHR5:25474568	SSF x Far_LoA	-10,8876377	-0,006	0,304
CHR5	25474575	CHR5:25474575	SSF x Far_LoA	-9,06473088	0,011	0,302
CHR5	25474606	CHR5:25474606	SSF x Far_LoA	-3,26244569	0,013	0,317

CHR5	25474642	CHR5:25474642	SSF x Far_LoA	-9,32079101	-0,018	0,326
CHR5	25474655	CHR5:25474655	SSF x Far_LoA	-8,69937169	-0,065	0,297
CHR5	25474686	CHR5:25474686	SSF x Far_LoA	-9,5253199	0,015	0,303
CHR5	25476404	CHR5:25476404	SSF x Far_LoA	-11,326015	-0,047	0,308
CHR5	25477214	CHR5:25477214	SSF x Far_LoA	-9,88654049	-0,034	0,308
CHR5	25485645	CHR5:25485645	SSF x Far_LoA	-7,6441704	0,020	0,315
CHR5	25485663	CHR5:25485663	SSF x Far_LoA	-8,62105257	0,045	0,321
CHR5	25516063	CHR5:25516063	SSF x Far_LoA	-8,21801922	0,143	0,286
CHR5	25516109	CHR5:25516109	SSF x Far_LoA	-8,38616701	0,010	0,293
CHR5	2552035	CHR5:2552035	SSF x Far_LoA	-9,75170632	0,007	0,288
CHR5	2552045	CHR5:2552045	SSF x Far_LoA	-9,16754115	0,005	0,313
CHR5	25559225	CHR5:25559225	SSF x Far_LoA	-7,99369482	0,072	0,302
CHR5	25559319	CHR5:25559319	SSF x Far_LoA	-8,83129673	0,091	0,294
CHR5	2556557	CHR5:2556557	SSF x Far_LoA	-2,58790733	0,109	0,300
CHR5	2556602	CHR5:2556602	SSF x Far_LoA	-9,71310741	0,071	0,300
CHR5	2556736	CHR5:2556736	SSF x Far_LoA	-8,89850243	0,071	0,300
CHR5	2556817	CHR5:2556817	SSF x Far_LoA	-11,3912026	0,007	0,298
CHR5	2556885	CHR5:2556885	SSF x Far_LoA	-10,6085112	0,043	0,311
CHR5	25580467	CHR5:25580467	SSF x Far_LoA	-8,61218974	0,073	0,304
CHR5	25606957	CHR5:25606957	SSF x Far_LoA	-9,4762558	-0,009	0,304
CHR5	25607076	CHR5:25607076	SSF x Far_LoA	-9,91667536	0,033	0,312
CHR5	25612483	CHR5:25612483	SSF x Far_LoA	-9,01229096	0,019	0,304
CHR5	25612515	CHR5:25612515	SSF x Far_LoA	-10,1100649	0,057	0,311
CHR5	25691533	CHR5:25691533	SSF x Far_LoA	-5,36191792	-0,114	0,315
CHR5	25699494	CHR5:25699494	SSF x Far_LoA	-9,08062003	-0,035	0,304
CHR5	25699523	CHR5:25699523	SSF x Far_LoA	-10,8598864	-0,106	0,304
CHR5	25713359	CHR5:25713359	SSF x Far_LoA	-10,6402902	0,024	0,306
CHR5	2571480	CHR5:2571480	SSF x Far_LoA	-7,85253816	-0,123	0,311
CHR5	2571509	CHR5:2571509	SSF x Far_LoA	-11,610637	-0,010	0,304
CHR5	2571563	CHR5:2571563	SSF x Far_LoA	-10,8014255	-0,050	0,293
CHR5	25732841	CHR5:25732841	SSF x Far_LoA	-4,9258458	0,180	0,306
CHR5	25732884	CHR5:25732884	SSF x Far_LoA	-8,53940599	0,097	0,285
CHR5	25735325	CHR5:25735325	SSF x Far_LoA	-11,0895512	0,087	0,296
CHR5	25739924	CHR5:25739924	SSF x Far_LoA	-12,323458	0,031	0,313
CHR5	25740039	CHR5:25740039	SSF x Far_LoA	-11,0275158	-0,055	0,313
CHR5	25753835	CHR5:25753835	SSF x Far_LoA	-9,05671428	0,049	0,314
CHR5	25754048	CHR5:25754048	SSF x Far_LoA	-8,82911536	-0,073	0,306
CHR5	25757045	CHR5:25757045	SSF x Far_LoA	-10,4926089	0,003	0,299
CHR5	25757053	CHR5:25757053	SSF x Far_LoA	-11,5164347	0,060	0,309
CHR5	25757061	CHR5:25757061	SSF x Far_LoA	-8,03609577	-0,116	0,311
CHR5	25757077	CHR5:25757077	SSF x Far_LoA	-10,7867407	0,055	0,324
CHR5	25757094	CHR5:25757094	SSF x Far_LoA	-8,56261932	0,069	0,316
CHR5	25757249	CHR5:25757249	SSF x Far_LoA	-9,39697303	0,030	0,298
CHR5	25757277	CHR5:25757277	SSF x Far_LoA	-8,98070377	0,132	0,300
CHR5	25777945	CHR5:25777945	SSF x Far_LoA	-8,84351403	-0,082	0,306
CHR5	25777966	CHR5:25777966	SSF x Far_LoA	-7,5862494	0,144	0,306
CHR5	25778067	CHR5:25778067	SSF x Far_LoA	-10,8362439	-0,052	0,297
CHR5	25778542	CHR5:25778542	SSF x Far_LoA	-9,38207434	0,048	0,286
CHR5	25778557	CHR5:25778557	SSF x Far_LoA	-6,10483158	-0,198	0,299
CHR5	25778596	CHR5:25778596	SSF x Far_LoA	-9,03548961	-0,048	0,293
CHR5	25778609	CHR5:25778609	SSF x Far_LoA	-11,0774687	-0,015	0,296
CHR5	25778610	CHR5:25778610	SSF x Far_LoA	-2,17571461	0,206	0,291
CHR5	25778619	CHR5:25778619	SSF x Far_LoA	-8,64673074	-0,126	0,291

CHR5	25778629	CHR5:25778629	SSF x Far_LoA	-11,1378817	-0,075	0,308
CHR5	25789651	CHR5:25789651	SSF x Far_LoA	-10,0082219	-0,039	0,309
CHR5	25800270	CHR5:25800270	SSF x Far_LoA	-10,4485965	-0,020	0,311
CHR5	25800378	CHR5:25800378	SSF x Far_LoA	-10,6016885	-0,060	0,305
CHR5	25800425	CHR5:25800425	SSF x Far_LoA	-10,5394732	-0,144	0,291
CHR5	25800497	CHR5:25800497	SSF x Far_LoA	-9,86067888	-0,066	0,312
CHR5	25800587	CHR5:25800587	SSF x Far_LoA	-11,3327095	0,033	0,293
CHR5	25815674	CHR5:25815674	SSF x Far_LoA	-10,2262864	-0,023	0,307
CHR5	25816218	CHR5:25816218	SSF x Far_LoA	-8,0030409	0,096	0,299
CHR5	25816325	CHR5:25816325	SSF x Far_LoA	-6,55727245	-0,216	0,291
CHR5	25816372	CHR5:25816372	SSF x Far_LoA	-11,7625182	-0,034	0,304
CHR5	25816382	CHR5:25816382	SSF x Far_LoA	-8,50687637	-0,031	0,316
CHR5	25816397	CHR5:25816397	SSF x Far_LoA	-11,7723526	0,002	0,323
CHR5	25825535	CHR5:25825535	SSF x Far_LoA	-6,42358506	0,051	0,307
CHR5	25830794	CHR5:25830794	SSF x Far_LoA	-6,0191837	0,137	0,310
CHR5	25830819	CHR5:25830819	SSF x Far_LoA	-10,6510767	-0,032	0,300
CHR5	25835284	CHR5:25835284	SSF x Far_LoA	-8,51282672	0,027	0,293
CHR5	25835287	CHR5:25835287	SSF x Far_LoA	-8,66962	0,011	0,305
CHR5	25835297	CHR5:25835297	SSF x Far_LoA	-8,39588035	0,057	0,307
CHR5	25852257	CHR5:25852257	SSF x Far_LoA	-10,2813749	-0,011	0,306
CHR5	25852299	CHR5:25852299	SSF x Far_LoA	-9,73320696	0,018	0,315
CHR5	25852357	CHR5:25852357	SSF x Far_LoA	-7,4601257	0,061	0,318
CHR5	2585450	CHR5:2585450	SSF x Far_LoA	-8,53772913	-0,082	0,310
CHR5	25862081	CHR5:25862081	SSF x Far_LoA	-9,92457197	0,067	0,316
CHR5	25862180	CHR5:25862180	SSF x Far_LoA	-7,43432741	0,145	0,298
CHR5	25862188	CHR5:25862188	SSF x Far_LoA	-10,6271978	-0,070	0,300
CHR5	25862254	CHR5:25862254	SSF x Far_LoA	-10,4648963	-0,080	0,303
CHR5	25862277	CHR5:25862277	SSF x Far_LoA	-9,14856412	0,069	0,297
CHR5	25862288	CHR5:25862288	SSF x Far_LoA	-10,147136	0,046	0,291
CHR5	25865207	CHR5:25865207	SSF x Far_LoA	-9,01196839	0,005	0,316
CHR5	25865403	CHR5:25865403	SSF x Far_LoA	-8,85983874	0,018	0,311
CHR5	25877828	CHR5:25877828	SSF x Far_LoA	-4,09763813	0,184	0,293
CHR5	25879561	CHR5:25879561	SSF x Far_LoA	-11,5164089	-0,029	0,306
CHR5	25879582	CHR5:25879582	SSF x Far_LoA	-9,87153644	-0,104	0,302
CHR5	25879625	CHR5:25879625	SSF x Far_LoA	-10,2908983	-0,004	0,309
CHR5	25883034	CHR5:25883034	SSF x Far_LoA	-9,4085669	0,001	0,313
CHR5	25883131	CHR5:25883131	SSF x Far_LoA	-8,1328542	0,098	0,307
CHR5	25887798	CHR5:25887798	SSF x Far_LoA	-8,00426526	0,038	0,310
CHR5	25887830	CHR5:25887830	SSF x Far_LoA	-9,2353617	-0,053	0,315
CHR5	25887842	CHR5:25887842	SSF x Far_LoA	-10,139281	-0,070	0,322
CHR5	25887940	CHR5:25887940	SSF x Far_LoA	-10,3617876	0,136	0,298
CHR5	25889422	CHR5:25889422	SSF x Far_LoA	-8,2537157	-0,053	0,310
CHR5	2589112	CHR5:2589112	SSF x Far_LoA	-7,97079032	0,040	0,303
CHR5	2589119	CHR5:2589119	SSF x Far_LoA	-9,74729496	0,012	0,310
CHR5	2589123	CHR5:2589123	SSF x Far_LoA	-8,95623091	0,030	0,310
CHR5	2589135	CHR5:2589135	SSF x Far_LoA	-9,46746316	0,110	0,292
CHR5	2589157	CHR5:2589157	SSF x Far_LoA	-9,96026927	-0,005	0,295
CHR5	2589209	CHR5:2589209	SSF x Far_LoA	-10,9627837	-0,104	0,316
CHR5	25892740	CHR5:25892740	SSF x Far_LoA	-9,54547935	0,036	0,304
CHR5	25892761	CHR5:25892761	SSF x Far_LoA	-10,922714	-0,016	0,305
CHR5	2589286	CHR5:2589286	SSF x Far_LoA	-7,1493977	-0,113	0,311
CHR5	25892901	CHR5:25892901	SSF x Far_LoA	-10,3710996	-0,112	0,311
CHR5	25892960	CHR5:25892960	SSF x Far_LoA	-9,36465285	-0,041	0,304

CHR5	25903196	CHR5:25903196	SSF x Far_LoA	-9,31340871	-0,012	0,304
CHR5	25903306	CHR5:25903306	SSF x Far_LoA	-8,99992386	0,093	0,297
CHR5	25903318	CHR5:25903318	SSF x Far_LoA	-12,4534052	0,025	0,306
CHR5	25903326	CHR5:25903326	SSF x Far_LoA	-8,72945163	-0,080	0,306
CHR5	25903327	CHR5:25903327	SSF x Far_LoA	-11,5527168	-0,012	0,305
CHR5	25903335	CHR5:25903335	SSF x Far_LoA	-10,8200779	0,028	0,317
CHR5	25903418	CHR5:25903418	SSF x Far_LoA	-7,304993	-0,014	0,326
CHR5	25904723	CHR5:25904723	SSF x Far_LoA	-9,90288425	0,061	0,305
CHR5	25908380	CHR5:25908380	SSF x Far_LoA	-11,3809681	0,022	0,318
CHR5	25917104	CHR5:25917104	SSF x Far_LoA	-8,19291111	-0,137	0,302
CHR5	25917146	CHR5:25917146	SSF x Far_LoA	-10,2193026	-0,070	0,305
CHR5	25917155	CHR5:25917155	SSF x Far_LoA	-4,68005903	-0,087	0,318
CHR5	25917227	CHR5:25917227	SSF x Far_LoA	-10,3388969	-0,062	0,301
CHR5	259336	CHR5:259336	SSF x Far_LoA	-10,1686457	0,033	0,319
CHR5	25937053	CHR5:25937053	SSF x Far_LoA	-7,05078904	0,012	0,304
CHR5	2594124	CHR5:2594124	SSF x Far_LoA	-9,42918646	-0,027	0,305
CHR5	2594142	CHR5:2594142	SSF x Far_LoA	-9,37945506	-0,073	0,307
CHR5	2594205	CHR5:2594205	SSF x Far_LoA	-9,32933062	0,002	0,301
CHR5	2594284	CHR5:2594284	SSF x Far_LoA	-11,4645157	-0,010	0,306
CHR5	25943565	CHR5:25943565	SSF x Far_LoA	-9,0622375	-0,032	0,318
CHR5	25943567	CHR5:25943567	SSF x Far_LoA	-9,04806354	0,008	0,317
CHR5	25943569	CHR5:25943569	SSF x Far_LoA	-10,206273	0,033	0,309
CHR5	25943581	CHR5:25943581	SSF x Far_LoA	-7,14816789	-0,107	0,304
CHR5	25943816	CHR5:25943816	SSF x Far_LoA	-8,94121674	0,041	0,301
CHR5	2594411	CHR5:2594411	SSF x Far_LoA	-11,0560376	-0,002	0,318
CHR5	25956188	CHR5:25956188	SSF x Far_LoA	-6,70266629	0,188	0,295
CHR5	25956198	CHR5:25956198	SSF x Far_LoA	-8,0244523	-0,062	0,299
CHR5	25956251	CHR5:25956251	SSF x Far_LoA	-2,06645398	0,197	0,283
CHR5	25956277	CHR5:25956277	SSF x Far_LoA	-8,39192345	-0,093	0,299
CHR5	25956288	CHR5:25956288	SSF x Far_LoA	-9,71852518	0,025	0,299
CHR5	25960018	CHR5:25960018	SSF x Far_LoA	-8,82813599	0,105	0,303
CHR5	25960032	CHR5:25960032	SSF x Far_LoA	-8,84291579	-0,006	0,309
CHR5	2597016	CHR5:2597016	SSF x Far_LoA	-10,7371875	0,044	0,314
CHR5	2597017	CHR5:2597017	SSF x Far_LoA	-9,43227952	0,017	0,308
CHR5	2597135	CHR5:2597135	SSF x Far_LoA	-3,39381702	0,064	0,302
CHR5	2597151	CHR5:2597151	SSF x Far_LoA	-9,64042272	0,075	0,304
CHR5	2597201	CHR5:2597201	SSF x Far_LoA	-9,85812412	-0,080	0,304
CHR5	25976675	CHR5:25976675	SSF x Far_LoA	-8,33907353	0,013	0,306
CHR5	25976687	CHR5:25976687	SSF x Far_LoA	-4,25229958	-0,177	0,307
CHR5	25976700	CHR5:25976700	SSF x Far_LoA	-7,4560886	0,058	0,315
CHR5	25976722	CHR5:25976722	SSF x Far_LoA	-4,32111572	-0,092	0,303
CHR5	25976767	CHR5:25976767	SSF x Far_LoA	-9,1983827	0,059	0,323
CHR5	25976774	CHR5:25976774	SSF x Far_LoA	-10,8486967	-0,044	0,322
CHR5	25983616	CHR5:25983616	SSF x Far_LoA	-9,87197592	-0,041	0,293
CHR5	25983683	CHR5:25983683	SSF x Far_LoA	-8,22914331	0,035	0,314
CHR5	25983741	CHR5:25983741	SSF x Far_LoA	-9,91145767	-0,083	0,312
CHR5	25996818	CHR5:25996818	SSF x Far_LoA	-8,42553485	0,128	0,298
CHR5	25996856	CHR5:25996856	SSF x Far_LoA	-8,12874603	0,068	0,302
CHR5	25996886	CHR5:25996886	SSF x Far_LoA	-10,7358777	0,052	0,297
CHR5	25996936	CHR5:25996936	SSF x Far_LoA	-10,0834232	0,020	0,308
CHR5	25996938	CHR5:25996938	SSF x Far_LoA	-8,55803074	0,047	0,309
CHR5	25996969	CHR5:25996969	SSF x Far_LoA	-11,2360036	0,058	0,307
CHR5	25997036	CHR5:25997036	SSF x Far_LoA	-7,55647911	-0,152	0,300

CHR5	26006110	CHR5:26006110	SSF x Far_LoA	-8,4847522	0,027	0,311
CHR5	26009192	CHR5:26009192	SSF x Far_LoA	-8,28638117	0,161	0,291
CHR5	26009275	CHR5:26009275	SSF x Far_LoA	-10,3255707	-0,088	0,307
CHR5	26009430	CHR5:26009430	SSF x Far_LoA	-6,92396507	-0,170	0,315
CHR5	26010720	CHR5:26010720	SSF x Far_LoA	-11,521103	-0,011	0,309
CHR5	26010727	CHR5:26010727	SSF x Far_LoA	-11,3992015	-0,089	0,300
CHR5	26010729	CHR5:26010729	SSF x Far_LoA	-7,81918826	-0,049	0,300
CHR5	26010800	CHR5:26010800	SSF x Far_LoA	-11,4931755	-0,089	0,309
CHR5	26010815	CHR5:26010815	SSF x Far_LoA	-8,81269994	-0,044	0,301
CHR5	26010818	CHR5:26010818	SSF x Far_LoA	-9,46776437	0,009	0,309
CHR5	26010851	CHR5:26010851	SSF x Far_LoA	-11,7887794	-0,089	0,284
CHR5	26010860	CHR5:26010860	SSF x Far_LoA	-10,0997782	-0,121	0,313
CHR5	26010869	CHR5:26010869	SSF x Far_LoA	-9,68415154	-0,008	0,308
CHR5	26010903	CHR5:26010903	SSF x Far_LoA	-10,400744	0,027	0,304
CHR5	26010954	CHR5:26010954	SSF x Far_LoA	-9,95707318	0,005	0,312
CHR5	26010956	CHR5:26010956	SSF x Far_LoA	-6,21248894	-0,079	0,301
CHR5	26013953	CHR5:26013953	SSF x Far_LoA	-4,97603723	0,165	0,293
CHR5	26013955	CHR5:26013955	SSF x Far_LoA	-2,76844011	0,140	0,304
CHR5	26013964	CHR5:26013964	SSF x Far_LoA	-9,01182505	0,142	0,297
CHR5	26013971	CHR5:26013971	SSF x Far_LoA	-7,00094023	0,158	0,304
CHR5	26016474	CHR5:26016474	SSF x Far_LoA	-10,2701908	-0,018	0,319
CHR5	26020960	CHR5:26020960	SSF x Far_LoA	-7,94655334	0,110	0,306
CHR5	26020970	CHR5:26020970	SSF x Far_LoA	-11,8113615	0,061	0,308
CHR5	26021090	CHR5:26021090	SSF x Far_LoA	-9,10782812	0,026	0,305
CHR5	26021109	CHR5:26021109	SSF x Far_LoA	-9,9024965	-0,074	0,302
CHR5	26021176	CHR5:26021176	SSF x Far_LoA	-9,83541435	-0,016	0,316
CHR5	26021197	CHR5:26021197	SSF x Far_LoA	-3,40791613	-0,105	0,307
CHR5	26028202	CHR5:26028202	SSF x Far_LoA	-10,4340307	0,059	0,301
CHR5	26028229	CHR5:26028229	SSF x Far_LoA	-9,60429622	0,018	0,303
CHR5	26028283	CHR5:26028283	SSF x Far_LoA	-7,76147764	0,029	0,303
CHR5	26028374	CHR5:26028374	SSF x Far_LoA	-8,06987932	0,014	0,301
CHR5	26028387	CHR5:26028387	SSF x Far_LoA	-6,40094644	-0,099	0,314
CHR5	26028420	CHR5:26028420	SSF x Far_LoA	-10,8808745	0,009	0,311
CHR5	26043814	CHR5:26043814	SSF x Far_LoA	-8,52499628	0,041	0,317
CHR5	26043861	CHR5:26043861	SSF x Far_LoA	-9,56693117	0,053	0,297
CHR5	26043895	CHR5:26043895	SSF x Far_LoA	-8,97408542	0,041	0,307
CHR5	26043918	CHR5:26043918	SSF x Far_LoA	-7,5795042	0,041	0,306
CHR5	26044014	CHR5:26044014	SSF x Far_LoA	-11,5507388	-0,066	0,309
CHR5	26044016	CHR5:26044016	SSF x Far_LoA	-9,8108703	0,069	0,300
CHR5	26044023	CHR5:26044023	SSF x Far_LoA	-9,79944067	-0,052	0,303
CHR5	26044034	CHR5:26044034	SSF x Far_LoA	-7,90975097	-0,137	0,303
CHR5	26056181	CHR5:26056181	SSF x Far_LoA	-11,2223351	0,136	0,289
CHR5	26056252	CHR5:26056252	SSF x Far_LoA	-10,2281234	0,094	0,311
CHR5	26056256	CHR5:26056256	SSF x Far_LoA	-9,02189507	-0,080	0,320
CHR5	26056273	CHR5:26056273	SSF x Far_LoA	-9,24084591	0,114	0,309
CHR5	26056287	CHR5:26056287	SSF x Far_LoA	-9,65381008	-0,024	0,312
CHR5	26056290	CHR5:26056290	SSF x Far_LoA	-10,0943658	0,134	0,301
CHR5	26056300	CHR5:26056300	SSF x Far_LoA	-8,74387736	-0,122	0,295
CHR5	26056309	CHR5:26056309	SSF x Far_LoA	-6,1137767	-0,151	0,302
CHR5	26056311	CHR5:26056311	SSF x Far_LoA	-10,9309363	0,022	0,298
CHR5	26058974	CHR5:26058974	SSF x Far_LoA	-7,27105808	-0,035	0,306
CHR5	26058976	CHR5:26058976	SSF x Far_LoA	-10,0822279	-0,109	0,299
CHR5	26058987	CHR5:26058987	SSF x Far_LoA	-9,3387223	-0,096	0,311

CHR5	26059023	CHR5:26059023	SSF x Far_LoA	-8,21106137	0,126	0,309
CHR5	26059024	CHR5:26059024	SSF x Far_LoA	-6,78968069	-0,087	0,312
CHR5	26059093	CHR5:26059093	SSF x Far_LoA	-8,56022411	-0,022	0,323
CHR5	26059123	CHR5:26059123	SSF x Far_LoA	-9,75027898	0,078	0,315
CHR5	26059191	CHR5:26059191	SSF x Far_LoA	-11,8566368	-0,097	0,288
CHR5	26059209	CHR5:26059209	SSF x Far_LoA	-6,64574443	-0,154	0,299
CHR5	26066700	CHR5:26066700	SSF x Far_LoA	-11,2033762	-0,027	0,318
CHR5	26066714	CHR5:26066714	SSF x Far_LoA	-10,4439495	-0,011	0,301
CHR5	26066730	CHR5:26066730	SSF x Far_LoA	-11,364104	0,139	0,292
CHR5	26066771	CHR5:26066771	SSF x Far_LoA	-8,45880211	-0,069	0,307
CHR5	26066878	CHR5:26066878	SSF x Far_LoA	-9,32475478	0,017	0,295
CHR5	26076869	CHR5:26076869	SSF x Far_LoA	-9,07737653	0,019	0,318
CHR5	26076897	CHR5:26076897	SSF x Far_LoA	-7,38137403	-0,074	0,317
CHR5	26076938	CHR5:26076938	SSF x Far_LoA	-10,093908	0,066	0,306
CHR5	26076964	CHR5:26076964	SSF x Far_LoA	-9,32138222	-0,024	0,300
CHR5	26076990	CHR5:26076990	SSF x Far_LoA	-10,9055061	-0,043	0,299
CHR5	26077023	CHR5:26077023	SSF x Far_LoA	-10,300295	0,015	0,307
CHR5	26077036	CHR5:26077036	SSF x Far_LoA	-10,0989365	-0,033	0,311
CHR5	26077051	CHR5:26077051	SSF x Far_LoA	-10,0179514	0,090	0,301
CHR5	26081883	CHR5:26081883	SSF x Far_LoA	-9,49737053	0,072	0,304
CHR5	26081945	CHR5:26081945	SSF x Far_LoA	-10,3636266	0,080	0,281
CHR5	26081981	CHR5:26081981	SSF x Far_LoA	-11,2947061	-0,051	0,301
CHR5	26082022	CHR5:26082022	SSF x Far_LoA	-7,95290032	0,107	0,294
CHR5	26082080	CHR5:26082080	SSF x Far_LoA	-11,4171134	-0,066	0,295
CHR5	26088145	CHR5:26088145	SSF x Far_LoA	-9,71800861	0,007	0,312
CHR5	26099411	CHR5:26099411	SSF x Far_LoA	-9,50182828	0,006	0,308
CHR5	26099425	CHR5:26099425	SSF x Far_LoA	-9,43591465	0,088	0,298
CHR5	26099434	CHR5:26099434	SSF x Far_LoA	-5,18481417	0,111	0,296
CHR5	26099438	CHR5:26099438	SSF x Far_LoA	-10,5059289	0,003	0,300
CHR5	26099491	CHR5:26099491	SSF x Far_LoA	-7,25368712	-0,044	0,302
CHR5	26099532	CHR5:26099532	SSF x Far_LoA	-8,00807464	-0,104	0,310
CHR5	26099570	CHR5:26099570	SSF x Far_LoA	-11,0868088	0,011	0,312
CHR5	26107737	CHR5:26107737	SSF x Far_LoA	-11,5205362	-0,042	0,304
CHR5	26107738	CHR5:26107738	SSF x Far_LoA	-11,5953969	-0,045	0,303
CHR5	26107835	CHR5:26107835	SSF x Far_LoA	-9,3040582	0,019	0,294
CHR5	26107839	CHR5:26107839	SSF x Far_LoA	-9,39136809	-0,027	0,312
CHR5	26107917	CHR5:26107917	SSF x Far_LoA	-8,95886942	0,003	0,328
CHR5	26107925	CHR5:26107925	SSF x Far_LoA	-9,04817705	-0,067	0,317
CHR5	26107970	CHR5:26107970	SSF x Far_LoA	-11,2644228	0,040	0,320
CHR5	26111716	CHR5:26111716	SSF x Far_LoA	-8,45845791	-0,088	0,297
CHR5	26111889	CHR5:26111889	SSF x Far_LoA	-10,1709121	-0,061	0,303
CHR5	26111911	CHR5:26111911	SSF x Far_LoA	-8,32826936	0,132	0,290
CHR5	26116694	CHR5:26116694	SSF x Far_LoA	-10,6360102	0,005	0,302
CHR5	26116747	CHR5:26116747	SSF x Far_LoA	-10,768357	-0,046	0,306
CHR5	26123643	CHR5:26123643	SSF x Far_LoA	-7,65236683	0,004	0,308
CHR5	26123682	CHR5:26123682	SSF x Far_LoA	-11,1497797	0,007	0,309
CHR5	26123754	CHR5:26123754	SSF x Far_LoA	-10,8639976	0,058	0,313
CHR5	26123789	CHR5:26123789	SSF x Far_LoA	-4,69211922	0,083	0,297
CHR5	26123791	CHR5:26123791	SSF x Far_LoA	-9,34486624	0,007	0,297
CHR5	26123859	CHR5:26123859	SSF x Far_LoA	-9,05753464	0,034	0,302
CHR5	26134883	CHR5:26134883	SSF x Far_LoA	-5,11866523	-0,200	0,299
CHR5	26134903	CHR5:26134903	SSF x Far_LoA	-9,70916887	0,010	0,305
CHR5	26134954	CHR5:26134954	SSF x Far_LoA	-10,6482482	0,081	0,297

CHR5	26134971	CHR5:26134971	SSF x Far_LoA	-9,20918454	0,025	0,304
CHR5	26135013	CHR5:26135013	SSF x Far_LoA	-10,7610107	0,100	0,299
CHR5	26135026	CHR5:26135026	SSF x Far_LoA	-10,2727688	0,160	0,303
CHR5	26135079	CHR5:26135079	SSF x Far_LoA	-10,0572042	-0,111	0,306
CHR5	26137191	CHR5:26137191	SSF x Far_LoA	-8,32435453	0,052	0,323
CHR5	26148324	CHR5:26148324	SSF x Far_LoA	-9,5617836	0,006	0,292
CHR5	26148327	CHR5:26148327	SSF x Far_LoA	-10,4653519	0,085	0,295
CHR5	26148376	CHR5:26148376	SSF x Far_LoA	-11,5833721	-0,026	0,300
CHR5	26148391	CHR5:26148391	SSF x Far_LoA	-7,34322436	-0,019	0,310
CHR5	26148410	CHR5:26148410	SSF x Far_LoA	-8,34928476	-0,083	0,309
CHR5	26148428	CHR5:26148428	SSF x Far_LoA	-10,7996399	0,016	0,304
CHR5	26148446	CHR5:26148446	SSF x Far_LoA	-10,8540507	-0,041	0,311
CHR5	26148490	CHR5:26148490	SSF x Far_LoA	-11,7825464	-0,063	0,300
CHR5	26148579	CHR5:26148579	SSF x Far_LoA	-9,57561081	-0,101	0,326
CHR5	26157455	CHR5:26157455	SSF x Far_LoA	-11,1872533	-0,003	0,311
CHR5	26158740	CHR5:26158740	SSF x Far_LoA	-9,80887613	-0,057	0,309
CHR5	26158748	CHR5:26158748	SSF x Far_LoA	-10,3946715	-0,024	0,311
CHR5	26158753	CHR5:26158753	SSF x Far_LoA	-9,62078394	-0,029	0,304
CHR5	26158764	CHR5:26158764	SSF x Far_LoA	0,69889819	-0,068	0,316
CHR5	26158779	CHR5:26158779	SSF x Far_LoA	-9,11344202	-0,033	0,308
CHR5	26168955	CHR5:26168955	SSF x Far_LoA	-5,9991747	0,121	0,303
CHR5	26168956	CHR5:26168956	SSF x Far_LoA	-11,7920852	0,061	0,304
CHR5	26168960	CHR5:26168960	SSF x Far_LoA	-7,80886428	0,123	0,286
CHR5	26169309	CHR5:26169309	SSF x Far_LoA	-7,92280051	0,130	0,294
CHR5	26174424	CHR5:26174424	SSF x Far_LoA	-6,45388654	0,028	0,322
CHR5	26174488	CHR5:26174488	SSF x Far_LoA	-5,80750881	0,046	0,294
CHR5	26174573	CHR5:26174573	SSF x Far_LoA	-8,52017692	-0,054	0,313
CHR5	26174603	CHR5:26174603	SSF x Far_LoA	-9,34696627	0,016	0,305
CHR5	26178462	CHR5:26178462	SSF x Far_LoA	-8,84414901	-0,029	0,316
CHR5	26178542	CHR5:26178542	SSF x Far_LoA	-8,7416511	-0,106	0,321
CHR5	26178602	CHR5:26178602	SSF x Far_LoA	-9,54769733	-0,038	0,318
CHR5	26178610	CHR5:26178610	SSF x Far_LoA	-10,4661145	-0,033	0,305
CHR5	26183766	CHR5:26183766	SSF x Far_LoA	-8,75367194	0,009	0,305
CHR5	26183780	CHR5:26183780	SSF x Far_LoA	-11,1159543	0,016	0,316
CHR5	26183798	CHR5:26183798	SSF x Far_LoA	-9,32060447	-0,032	0,307
CHR5	26183826	CHR5:26183826	SSF x Far_LoA	-8,78859465	0,008	0,323
CHR5	26183917	CHR5:26183917	SSF x Far_LoA	-10,0170258	-0,048	0,307
CHR5	26183925	CHR5:26183925	SSF x Far_LoA	-9,8258244	-0,014	0,320
CHR5	26183940	CHR5:26183940	SSF x Far_LoA	-10,0341777	-0,045	0,312
CHR5	26202331	CHR5:26202331	SSF x Far_LoA	-8,45745415	0,078	0,301
CHR5	26202346	CHR5:26202346	SSF x Far_LoA	-11,7760819	0,008	0,322
CHR5	26202465	CHR5:26202465	SSF x Far_LoA	-8,08574201	-0,080	0,317
CHR5	26218698	CHR5:26218698	SSF x Far_LoA	-10,2530933	0,028	0,318
CHR5	26218763	CHR5:26218763	SSF x Far_LoA	-10,3986506	0,056	0,301
CHR5	26219747	CHR5:26219747	SSF x Far_LoA	-8,23270477	0,114	0,305
CHR5	26219761	CHR5:26219761	SSF x Far_LoA	-2,96750658	0,029	0,322
CHR5	26219784	CHR5:26219784	SSF x Far_LoA	-9,04672904	-0,040	0,305
CHR5	26235202	CHR5:26235202	SSF x Far_LoA	-10,0747252	-0,072	0,298
CHR5	26235233	CHR5:26235233	SSF x Far_LoA	-9,39818583	0,057	0,311
CHR5	26235444	CHR5:26235444	SSF x Far_LoA	-10,1145908	-0,078	0,296
CHR5	26235469	CHR5:26235469	SSF x Far_LoA	-7,78705176	0,108	0,301
CHR5	26235500	CHR5:26235500	SSF x Far_LoA	-6,54948106	0,064	0,314
CHR5	26249458	CHR5:26249458	SSF x Far_LoA	-10,1997578	-0,010	0,309

CHR5	26249506	CHR5:26249506	SSF x Far_LoA	-7,73308553	-0,060	0,314
CHR5	26249640	CHR5:26249640	SSF x Far_LoA	-4,99369431	-0,075	0,317
CHR5	26249686	CHR5:26249686	SSF x Far_LoA	-2,46543809	0,000	0,309
CHR5	26256867	CHR5:26256867	SSF x Far_LoA	-10,0785671	-0,071	0,315
CHR5	26259721	CHR5:26259721	SSF x Far_LoA	-9,15338549	0,078	0,308
CHR5	26269664	CHR5:26269664	SSF x Far_LoA	-6,32691715	0,006	0,312
CHR5	26272557	CHR5:26272557	SSF x Far_LoA	-9,28190151	-0,022	0,303
CHR5	26272580	CHR5:26272580	SSF x Far_LoA	-9,75141172	-0,060	0,289
CHR5	26272591	CHR5:26272591	SSF x Far_LoA	-8,9722314	-0,033	0,284
CHR5	26272596	CHR5:26272596	SSF x Far_LoA	-10,7665535	-0,017	0,304
CHR5	26272622	CHR5:26272622	SSF x Far_LoA	-9,8834941	-0,016	0,310
CHR5	26281192	CHR5:26281192	SSF x Far_LoA	-10,3537897	0,062	0,316
CHR5	26281229	CHR5:26281229	SSF x Far_LoA	-9,42968362	0,076	0,296
CHR5	26281385	CHR5:26281385	SSF x Far_LoA	-9,43289844	-0,043	0,309
CHR5	26287831	CHR5:26287831	SSF x Far_LoA	-10,2576942	-0,044	0,313
CHR5	26287855	CHR5:26287855	SSF x Far_LoA	-8,22508201	-0,155	0,289
CHR5	26287857	CHR5:26287857	SSF x Far_LoA	-3,16776832	-0,142	0,307
CHR5	26290213	CHR5:26290213	SSF x Far_LoA	-8,31816065	0,026	0,312
CHR5	26290234	CHR5:26290234	SSF x Far_LoA	-3,37639811	-0,047	0,295
CHR5	26290256	CHR5:26290256	SSF x Far_LoA	-9,4923583	-0,020	0,299
CHR5	26290258	CHR5:26290258	SSF x Far_LoA	-2,936502	-0,126	0,315
CHR5	26290323	CHR5:26290323	SSF x Far_LoA	-11,7988136	-0,059	0,296
CHR5	26290388	CHR5:26290388	SSF x Far_LoA	-10,1101851	0,072	0,290
CHR5	26290430	CHR5:26290430	SSF x Far_LoA	-8,4446552	0,027	0,306
CHR5	26290472	CHR5:26290472	SSF x Far_LoA	-8,9746182	-0,050	0,316
CHR5	26292513	CHR5:26292513	SSF x Far_LoA	-9,05886367	-0,167	0,298
CHR5	26292572	CHR5:26292572	SSF x Far_LoA	-10,8252155	0,004	0,299
CHR5	2629349	CHR5:2629349	SSF x Far_LoA	-11,4693569	0,029	0,303
CHR5	2629398	CHR5:2629398	SSF x Far_LoA	-9,9562421	0,068	0,307
CHR5	2629460	CHR5:2629460	SSF x Far_LoA	-8,25810206	0,120	0,297
CHR5	26317448	CHR5:26317448	SSF x Far_LoA	-7,96509177	-0,106	0,306
CHR5	26317576	CHR5:26317576	SSF x Far_LoA	-7,16316419	-0,097	0,303
CHR5	26317617	CHR5:26317617	SSF x Far_LoA	-11,2046791	0,032	0,309
CHR5	26317667	CHR5:26317667	SSF x Far_LoA	-6,33834608	-0,066	0,301
CHR5	26320915	CHR5:26320915	SSF x Far_LoA	-8,66797257	-0,117	0,317
CHR5	26321132	CHR5:26321132	SSF x Far_LoA	-9,25253144	0,120	0,298
CHR5	2632567	CHR5:2632567	SSF x Far_LoA	-8,07870721	-0,102	0,309
CHR5	26332641	CHR5:26332641	SSF x Far_LoA	-10,0875091	0,047	0,303
CHR5	26340444	CHR5:26340444	SSF x Far_LoA	-10,2656609	-0,080	0,310
CHR5	26340549	CHR5:26340549	SSF x Far_LoA	-8,05459006	-0,088	0,319
CHR5	26340554	CHR5:26340554	SSF x Far_LoA	-8,26801526	-0,077	0,308
CHR5	26340670	CHR5:26340670	SSF x Far_LoA	-9,85024806	-0,014	0,306
CHR5	2635821	CHR5:2635821	SSF x Far_LoA	-11,0815859	-0,013	0,295
CHR5	2636798	CHR5:2636798	SSF x Far_LoA	-12,1317586	-0,048	0,304
CHR5	2636827	CHR5:2636827	SSF x Far_LoA	-8,93074614	0,048	0,307
CHR5	26378775	CHR5:26378775	SSF x Far_LoA	-12,1573841	-0,004	0,306
CHR5	26378937	CHR5:26378937	SSF x Far_LoA	-8,60851853	-0,017	0,305
CHR5	26381501	CHR5:26381501	SSF x Far_LoA	-11,6090946	0,054	0,311
CHR5	26381723	CHR5:26381723	SSF x Far_LoA	-7,65309643	0,224	0,288
CHR5	26382999	CHR5:26382999	SSF x Far_LoA	-10,098592	0,100	0,298
CHR5	26385494	CHR5:26385494	SSF x Far_LoA	-7,98348276	0,107	0,303
CHR5	26403040	CHR5:26403040	SSF x Far_LoA	-11,9042123	0,014	0,289
CHR5	26410262	CHR5:26410262	SSF x Far_LoA	-7,65854338	0,103	0,300

CHR5	26414494	CHR5:26414494	SSF x Far_LoA	-10,2900805	0,122	0,301
CHR5	26421241	CHR5:26421241	SSF x Far_LoA	-9,89259492	-0,046	0,319
CHR5	26421328	CHR5:26421328	SSF x Far_LoA	-10,5147413	0,014	0,318
CHR5	26421340	CHR5:26421340	SSF x Far_LoA	-11,2993444	-0,068	0,316
CHR5	26422846	CHR5:26422846	SSF x Far_LoA	-10,4014223	0,073	0,314
CHR5	26426687	CHR5:26426687	SSF x Far_LoA	-11,2609678	-0,094	0,313
CHR5	26426704	CHR5:26426704	SSF x Far_LoA	-11,7652557	0,043	0,301
CHR5	26426756	CHR5:26426756	SSF x Far_LoA	-8,19921303	-0,074	0,325
CHR5	26435185	CHR5:26435185	SSF x Far_LoA	-10,9022646	0,004	0,301
CHR5	26435278	CHR5:26435278	SSF x Far_LoA	-8,05322303	0,061	0,311
CHR5	26435312	CHR5:26435312	SSF x Far_LoA	-8,16352704	0,049	0,310
CHR5	26435318	CHR5:26435318	SSF x Far_LoA	-4,70271712	-0,032	0,304
CHR5	26435322	CHR5:26435322	SSF x Far_LoA	-8,98234054	0,045	0,311
CHR5	26435381	CHR5:26435381	SSF x Far_LoA	-11,4696966	0,050	0,303
CHR5	26437824	CHR5:26437824	SSF x Far_LoA	-11,2236497	-0,025	0,297
CHR5	26437844	CHR5:26437844	SSF x Far_LoA	-9,80957887	-0,044	0,299
CHR5	26437845	CHR5:26437845	SSF x Far_LoA	-5,69373134	-0,069	0,297
CHR5	26441551	CHR5:26441551	SSF x Far_LoA	-6,78423622	-0,105	0,306
CHR5	26441564	CHR5:26441564	SSF x Far_LoA	-7,97652385	-0,108	0,304
CHR5	26441566	CHR5:26441566	SSF x Far_LoA	-10,7050258	-0,120	0,284
CHR5	26441739	CHR5:26441739	SSF x Far_LoA	-9,15623048	-0,039	0,307
CHR5	2644530	CHR5:2644530	SSF x Far_LoA	-8,03645374	0,113	0,299
CHR5	2644542	CHR5:2644542	SSF x Far_LoA	-9,29623405	0,026	0,316
CHR5	2646283	CHR5:2646283	SSF x Far_LoA	-11,3838033	-0,049	0,307
CHR5	26472015	CHR5:26472015	SSF x Far_LoA	-12,2744606	-0,027	0,302
CHR5	26472105	CHR5:26472105	SSF x Far_LoA	-9,75385427	-0,127	0,304
CHR5	26472130	CHR5:26472130	SSF x Far_LoA	-8,89860581	0,058	0,299
CHR5	26472149	CHR5:26472149	SSF x Far_LoA	-10,5954277	0,106	0,300
CHR5	26472223	CHR5:26472223	SSF x Far_LoA	-8,25228276	0,038	0,298
CHR5	26486472	CHR5:26486472	SSF x Far_LoA	-11,745086	-0,012	0,311
CHR5	26489011	CHR5:26489011	SSF x Far_LoA	-9,47432445	-0,008	0,318
CHR5	26489095	CHR5:26489095	SSF x Far_LoA	-8,2754875	-0,064	0,320
CHR5	26492315	CHR5:26492315	SSF x Far_LoA	-10,3310366	-0,094	0,308
CHR5	26492324	CHR5:26492324	SSF x Far_LoA	-8,71659379	-0,022	0,302
CHR5	26492352	CHR5:26492352	SSF x Far_LoA	-7,13613325	-0,116	0,317
CHR5	26492458	CHR5:26492458	SSF x Far_LoA	-6,89912246	-0,033	0,312
CHR5	26502523	CHR5:26502523	SSF x Far_LoA	-10,1177732	-0,001	0,301
CHR5	26512166	CHR5:26512166	SSF x Far_LoA	-8,79034694	-0,027	0,306
CHR5	26512206	CHR5:26512206	SSF x Far_LoA	-8,56291442	-0,100	0,303
CHR5	26512215	CHR5:26512215	SSF x Far_LoA	-3,60140964	0,244	0,287
CHR5	26512216	CHR5:26512216	SSF x Far_LoA	-7,90262661	-0,179	0,292
CHR5	26522172	CHR5:26522172	SSF x Far_LoA	-8,81471384	0,022	0,301
CHR5	26525134	CHR5:26525134	SSF x Far_LoA	-5,99590968	0,142	0,297
CHR5	26530138	CHR5:26530138	SSF x Far_LoA	-10,3964771	-0,024	0,301
CHR5	26530150	CHR5:26530150	SSF x Far_LoA	-10,5752001	0,066	0,303
CHR5	26530168	CHR5:26530168	SSF x Far_LoA	-10,6191229	-0,106	0,294
CHR5	26533869	CHR5:26533869	SSF x Far_LoA	-9,98500418	0,028	0,312
CHR5	26533918	CHR5:26533918	SSF x Far_LoA	-10,6296344	0,131	0,299
CHR5	26533936	CHR5:26533936	SSF x Far_LoA	-10,0942512	0,136	0,294
CHR5	26533991	CHR5:26533991	SSF x Far_LoA	-9,72707679	0,160	0,293
CHR5	26545436	CHR5:26545436	SSF x Far_LoA	-7,97005356	0,116	0,294
CHR5	26545461	CHR5:26545461	SSF x Far_LoA	-7,94680266	0,101	0,292
CHR5	26545532	CHR5:26545532	SSF x Far_LoA	-11,2680635	0,045	0,313

CHR5	26549759	CHR5:26549759	SSF x Far_LoA	-9,44478981	0,041	0,315
CHR5	26549852	CHR5:26549852	SSF x Far_LoA	-10,4605927	0,028	0,319
CHR5	26549918	CHR5:26549918	SSF x Far_LoA	-9,97037452	0,088	0,295
CHR5	26558217	CHR5:26558217	SSF x Far_LoA	-7,67953039	-0,130	0,317
CHR5	26559019	CHR5:26559019	SSF x Far_LoA	-10,8189157	-0,007	0,304
CHR5	26559228	CHR5:26559228	SSF x Far_LoA	-10,8865983	-0,038	0,304
CHR5	26559229	CHR5:26559229	SSF x Far_LoA	-10,614552	-0,029	0,310
CHR5	26559233	CHR5:26559233	SSF x Far_LoA	-6,88341066	0,101	0,296
CHR5	2656155	CHR5:2656155	SSF x Far_LoA	-9,04622557	0,000	0,318
CHR5	2656261	CHR5:2656261	SSF x Far_LoA	-3,26798485	0,082	0,287
CHR5	26574348	CHR5:26574348	SSF x Far_LoA	-9,10325507	-0,063	0,304
CHR5	26574378	CHR5:26574378	SSF x Far_LoA	-11,3974655	0,061	0,317
CHR5	26585754	CHR5:26585754	SSF x Far_LoA	-10,9142394	0,041	0,297
CHR5	26594901	CHR5:26594901	SSF x Far_LoA	-11,1573824	-0,006	0,303
CHR5	26595009	CHR5:26595009	SSF x Far_LoA	-7,41441738	-0,074	0,300
CHR5	26595077	CHR5:26595077	SSF x Far_LoA	-10,1415723	-0,024	0,307
CHR5	26595084	CHR5:26595084	SSF x Far_LoA	-8,12136745	0,068	0,305
CHR5	26605365	CHR5:26605365	SSF x Far_LoA	-9,03931042	-0,021	0,311
CHR5	26605423	CHR5:26605423	SSF x Far_LoA	-10,0778273	-0,136	0,308
CHR5	26617131	CHR5:26617131	SSF x Far_LoA	-11,3355818	0,000	0,316
CHR5	26617862	CHR5:26617862	SSF x Far_LoA	-10,3646061	-0,070	0,316
CHR5	26642136	CHR5:26642136	SSF x Far_LoA	-2,32027844	-0,105	0,305
CHR5	26649058	CHR5:26649058	SSF x Far_LoA	-6,86231171	0,135	0,299
CHR5	26649086	CHR5:26649086	SSF x Far_LoA	-9,40138038	-0,089	0,304
CHR5	26649110	CHR5:26649110	SSF x Far_LoA	-9,86129547	-0,022	0,309
CHR5	26651045	CHR5:26651045	SSF x Far_LoA	-9,03454896	-0,119	0,310
CHR5	26651995	CHR5:26651995	SSF x Far_LoA	-10,8535034	-0,062	0,316
CHR5	26652025	CHR5:26652025	SSF x Far_LoA	-9,16971095	-0,016	0,310
CHR5	26652029	CHR5:26652029	SSF x Far_LoA	-9,45631627	-0,064	0,308
CHR5	26652072	CHR5:26652072	SSF x Far_LoA	-9,12000334	0,074	0,305
CHR5	26652156	CHR5:26652156	SSF x Far_LoA	-8,501951	0,076	0,301
CHR5	26652201	CHR5:26652201	SSF x Far_LoA	-7,81647903	0,157	0,295
CHR5	26677975	CHR5:26677975	SSF x Far_LoA	-9,25433212	0,051	0,288
CHR5	26684579	CHR5:26684579	SSF x Far_LoA	-8,11446313	0,023	0,300
CHR5	26689644	CHR5:26689644	SSF x Far_LoA	-11,1028166	0,048	0,303
CHR5	26689666	CHR5:26689666	SSF x Far_LoA	-8,40467099	-0,084	0,315
CHR5	26689672	CHR5:26689672	SSF x Far_LoA	-8,91940528	-0,013	0,282
CHR5	26689700	CHR5:26689700	SSF x Far_LoA	-10,3653166	-0,009	0,312
CHR5	26689714	CHR5:26689714	SSF x Far_LoA	-9,77728505	-0,105	0,300
CHR5	26693200	CHR5:26693200	SSF x Far_LoA	-6,74017434	0,085	0,310
CHR5	26693201	CHR5:26693201	SSF x Far_LoA	-9,26721073	0,077	0,310
CHR5	26693223	CHR5:26693223	SSF x Far_LoA	-4,80733075	-0,018	0,309
CHR5	26693424	CHR5:26693424	SSF x Far_LoA	-11,6043245	0,072	0,298
CHR5	26694700	CHR5:26694700	SSF x Far_LoA	-10,3313245	-0,015	0,303
CHR5	26704962	CHR5:26704962	SSF x Far_LoA	0,46639678	-0,179	0,286
CHR5	26704986	CHR5:26704986	SSF x Far_LoA	-7,73465086	0,138	0,299
CHR5	26704999	CHR5:26704999	SSF x Far_LoA	-10,0058835	-0,100	0,296
CHR5	26713530	CHR5:26713530	SSF x Far_LoA	-10,728598	0,062	0,296
CHR5	26713608	CHR5:26713608	SSF x Far_LoA	1,15467185	0,114	0,309
CHR5	26713609	CHR5:26713609	SSF x Far_LoA	-8,18420392	0,090	0,304
CHR5	26713627	CHR5:26713627	SSF x Far_LoA	-9,20331696	-0,098	0,291
CHR5	26713650	CHR5:26713650	SSF x Far_LoA	-6,79407802	0,105	0,290
CHR5	26713664	CHR5:26713664	SSF x Far_LoA	-5,16218848	-0,126	0,300

CHR5	2671369	CHR5:2671369	SSF x Far_LoA	-8,52626788	0,055	0,310
CHR5	26713743	CHR5:26713743	SSF x Far_LoA	-8,5754526	0,044	0,305
CHR5	2671387	CHR5:2671387	SSF x Far_LoA	-8,92938901	0,100	0,309
CHR5	2671415	CHR5:2671415	SSF x Far_LoA	-10,7023997	0,069	0,315
CHR5	2671540	CHR5:2671540	SSF x Far_LoA	-8,99505169	0,089	0,303
CHR5	2671555	CHR5:2671555	SSF x Far_LoA	-6,97583342	0,034	0,308
CHR5	2671594	CHR5:2671594	SSF x Far_LoA	-7,71345303	-0,158	0,294
CHR5	2671610	CHR5:2671610	SSF x Far_LoA	-11,0630568	0,097	0,301
CHR5	26720387	CHR5:26720387	SSF x Far_LoA	-9,92197341	-0,053	0,303
CHR5	26720445	CHR5:26720445	SSF x Far_LoA	-10,1921691	-0,008	0,317
CHR5	26736412	CHR5:26736412	SSF x Far_LoA	-10,167637	-0,125	0,290
CHR5	26736423	CHR5:26736423	SSF x Far_LoA	-10,8047772	0,039	0,315
CHR5	26741527	CHR5:26741527	SSF x Far_LoA	-6,50703717	0,048	0,301
CHR5	26741549	CHR5:26741549	SSF x Far_LoA	-8,40785854	-0,028	0,303
CHR5	26741550	CHR5:26741550	SSF x Far_LoA	-5,59531838	-0,094	0,315
CHR5	26741977	CHR5:26741977	SSF x Far_LoA	-9,32721155	0,057	0,303
CHR5	26758788	CHR5:26758788	SSF x Far_LoA	-7,82483832	-0,143	0,300
CHR5	26758886	CHR5:26758886	SSF x Far_LoA	-8,77176863	0,048	0,326
CHR5	26758985	CHR5:26758985	SSF x Far_LoA	-9,5497046	-0,004	0,314
CHR5	26760559	CHR5:26760559	SSF x Far_LoA	-8,96944915	-0,070	0,300
CHR5	26761253	CHR5:26761253	SSF x Far_LoA	-9,02464099	0,056	0,309
CHR5	26762937	CHR5:26762937	SSF x Far_LoA	-8,36783247	-0,087	0,319
CHR5	26762967	CHR5:26762967	SSF x Far_LoA	-7,39220647	-0,009	0,305
CHR5	26763042	CHR5:26763042	SSF x Far_LoA	-11,1111628	0,010	0,292
CHR5	26763205	CHR5:26763205	SSF x Far_LoA	-8,11991207	0,008	0,317
CHR5	26765364	CHR5:26765364	SSF x Far_LoA	-7,8266052	-0,142	0,307
CHR5	26765543	CHR5:26765543	SSF x Far_LoA	-7,99874474	0,129	0,296
CHR5	26765547	CHR5:26765547	SSF x Far_LoA	-4,09585777	0,112	0,297
CHR5	26765551	CHR5:26765551	SSF x Far_LoA	-9,40107831	0,139	0,302
CHR5	2676984	CHR5:2676984	SSF x Far_LoA	-7,47718661	-0,059	0,314
CHR5	2677062	CHR5:2677062	SSF x Far_LoA	-6,5961559	0,051	0,295
CHR5	26776743	CHR5:26776743	SSF x Far_LoA	-8,89461804	0,031	0,306
CHR5	26776837	CHR5:26776837	SSF x Far_LoA	-7,00387126	-0,145	0,291
CHR5	26776887	CHR5:26776887	SSF x Far_LoA	-8,97357838	-0,010	0,319
CHR5	26776888	CHR5:26776888	SSF x Far_LoA	-8,70049316	0,025	0,312
CHR5	26780082	CHR5:26780082	SSF x Far_LoA	-10,6049929	0,094	0,291
CHR5	26780594	CHR5:26780594	SSF x Far_LoA	-9,684932	-0,152	0,303
CHR5	26782666	CHR5:26782666	SSF x Far_LoA	-11,5082197	0,067	0,303
CHR5	26782673	CHR5:26782673	SSF x Far_LoA	-7,38648471	0,093	0,306
CHR5	26796749	CHR5:26796749	SSF x Far_LoA	-9,92728615	0,065	0,299
CHR5	26796752	CHR5:26796752	SSF x Far_LoA	-11,1167811	0,022	0,307
CHR5	26796821	CHR5:26796821	SSF x Far_LoA	-10,5962334	0,126	0,296
CHR5	26797821	CHR5:26797821	SSF x Far_LoA	-10,5469388	0,063	0,314
CHR5	26813186	CHR5:26813186	SSF x Far_LoA	-9,05341544	-0,129	0,301
CHR5	26813212	CHR5:26813212	SSF x Far_LoA	-9,18037881	-0,053	0,304
CHR5	26819896	CHR5:26819896	SSF x Far_LoA	-10,8756092	-0,062	0,303
CHR5	26819957	CHR5:26819957	SSF x Far_LoA	-4,39972246	-0,066	0,302
CHR5	26820075	CHR5:26820075	SSF x Far_LoA	-9,73998459	0,034	0,321
CHR5	26832365	CHR5:26832365	SSF x Far_LoA	7,28409998	-0,170	0,300
CHR5	26832376	CHR5:26832376	SSF x Far_LoA	-9,06765899	-0,028	0,320
CHR5	26832394	CHR5:26832394	SSF x Far_LoA	-9,53189838	-0,105	0,307
CHR5	26832483	CHR5:26832483	SSF x Far_LoA	-8,90221337	0,172	0,295
CHR5	26832488	CHR5:26832488	SSF x Far_LoA	-7,24806235	0,165	0,297

CHR5	26832501	CHR5:26832501	SSF x Far_LoA	-8,14355939	-0,038	0,321
CHR5	26837407	CHR5:26837407	SSF x Far_LoA	-7,16809131	0,140	0,316
CHR5	26837474	CHR5:26837474	SSF x Far_LoA	-11,3123804	0,033	0,296
CHR5	26837563	CHR5:26837563	SSF x Far_LoA	-11,2323616	-0,109	0,293
CHR5	26843251	CHR5:26843251	SSF x Far_LoA	6,62323893	-0,147	0,303
CHR5	26843423	CHR5:26843423	SSF x Far_LoA	-12,0709116	-0,003	0,288
CHR5	26843531	CHR5:26843531	SSF x Far_LoA	-9,6250156	-0,034	0,302
CHR5	26848401	CHR5:26848401	SSF x Far_LoA	-10,2717069	0,088	0,301
CHR5	26848556	CHR5:26848556	SSF x Far_LoA	-9,91812668	0,078	0,307
CHR5	26849731	CHR5:26849731	SSF x Far_LoA	-9,49422425	0,116	0,309
CHR5	26849874	CHR5:26849874	SSF x Far_LoA	-7,41338504	0,054	0,318
CHR5	26870309	CHR5:26870309	SSF x Far_LoA	-6,86594498	0,074	0,303
CHR5	26870322	CHR5:26870322	SSF x Far_LoA	-7,69081942	0,017	0,317
CHR5	26870328	CHR5:26870328	SSF x Far_LoA	-11,9086534	-0,019	0,304
CHR5	26883622	CHR5:26883622	SSF x Far_LoA	-9,91543979	-0,056	0,294
CHR5	26898257	CHR5:26898257	SSF x Far_LoA	-10,2594712	0,109	0,314
CHR5	26898272	CHR5:26898272	SSF x Far_LoA	-9,13869672	-0,039	0,307
CHR5	26902819	CHR5:26902819	SSF x Far_LoA	-11,0931193	-0,053	0,314
CHR5	26902843	CHR5:26902843	SSF x Far_LoA	-9,57828132	0,029	0,317
CHR5	26902928	CHR5:26902928	SSF x Far_LoA	-6,34842237	0,163	0,312
CHR5	26902935	CHR5:26902935	SSF x Far_LoA	-10,1954457	0,022	0,319
CHR5	26902963	CHR5:26902963	SSF x Far_LoA	-8,5429329	0,018	0,310
CHR5	26914988	CHR5:26914988	SSF x Far_LoA	-9,98113429	0,050	0,312
CHR5	26922014	CHR5:26922014	SSF x Far_LoA	-7,75421553	0,088	0,316
CHR5	26922145	CHR5:26922145	SSF x Far_LoA	-8,42189994	-0,028	0,301
CHR5	26926518	CHR5:26926518	SSF x Far_LoA	-10,6393816	0,018	0,304
CHR5	26926521	CHR5:26926521	SSF x Far_LoA	-10,5461508	0,107	0,297
CHR5	26926531	CHR5:26926531	SSF x Far_LoA	-10,6233687	0,048	0,293
CHR5	26926535	CHR5:26926535	SSF x Far_LoA	-9,18843154	0,136	0,291
CHR5	26926558	CHR5:26926558	SSF x Far_LoA	-11,4288919	0,064	0,309
CHR5	26926632	CHR5:26926632	SSF x Far_LoA	-8,6581164	0,012	0,300
CHR5	26927139	CHR5:26927139	SSF x Far_LoA	-8,08491344	0,118	0,306
CHR5	26927164	CHR5:26927164	SSF x Far_LoA	-9,3504217	0,143	0,310
CHR5	26937614	CHR5:26937614	SSF x Far_LoA	-11,0751083	0,036	0,312
CHR5	26937831	CHR5:26937831	SSF x Far_LoA	-5,42098296	0,249	0,294
CHR5	26937896	CHR5:26937896	SSF x Far_LoA	-5,16155952	0,153	0,288
CHR5	26937922	CHR5:26937922	SSF x Far_LoA	-8,86434729	0,086	0,293
CHR5	26937942	CHR5:26937942	SSF x Far_LoA	-5,98618483	0,006	0,302
CHR5	26966704	CHR5:26966704	SSF x Far_LoA	-8,89860108	-0,033	0,295
CHR5	26973106	CHR5:26973106	SSF x Far_LoA	-10,4176943	-0,108	0,315
CHR5	26976241	CHR5:26976241	SSF x Far_LoA	-10,6772636	-0,007	0,321
CHR5	26976439	CHR5:26976439	SSF x Far_LoA	-6,95499363	-0,117	0,297
CHR5	26980856	CHR5:26980856	SSF x Far_LoA	-7,50062836	-0,020	0,294
CHR5	26980878	CHR5:26980878	SSF x Far_LoA	-9,76517934	-0,158	0,282
CHR5	26983803	CHR5:26983803	SSF x Far_LoA	-8,40751517	0,027	0,316
CHR5	26986616	CHR5:26986616	SSF x Far_LoA	-8,12813696	-0,097	0,303
CHR5	26986668	CHR5:26986668	SSF x Far_LoA	-11,1286477	-0,051	0,315
CHR5	26991988	CHR5:26991988	SSF x Far_LoA	-11,025759	0,065	0,300
CHR5	27009172	CHR5:27009172	SSF x Far_LoA	-12,2002645	-0,008	0,301
CHR5	27009183	CHR5:27009183	SSF x Far_LoA	-10,5472973	0,053	0,296
CHR5	27012809	CHR5:27012809	SSF x Far_LoA	-8,06792664	0,037	0,306
CHR5	27021384	CHR5:27021384	SSF x Far_LoA	-9,51260573	-0,010	0,320
CHR5	27021534	CHR5:27021534	SSF x Far_LoA	-11,1702515	-0,001	0,319

CHR5	27032753	CHR5:27032753	SSF x Far_LoA	-8,35133794	-0,013	0,303
CHR5	27032761	CHR5:27032761	SSF x Far_LoA	-9,28760584	-0,001	0,310
CHR5	27032845	CHR5:27032845	SSF x Far_LoA	-10,6921658	0,097	0,294
CHR5	27032982	CHR5:27032982	SSF x Far_LoA	-10,4558166	0,003	0,320
CHR5	27043673	CHR5:27043673	SSF x Far_LoA	-9,29319479	-0,021	0,296
CHR5	27043714	CHR5:27043714	SSF x Far_LoA	-7,68181171	0,023	0,310
CHR5	27043725	CHR5:27043725	SSF x Far_LoA	-10,1774048	-0,037	0,289
CHR5	27050556	CHR5:27050556	SSF x Far_LoA	-9,02597073	0,002	0,313
CHR5	27050731	CHR5:27050731	SSF x Far_LoA	-9,83973375	-0,060	0,295
CHR5	27050880	CHR5:27050880	SSF x Far_LoA	-10,7108534	-0,050	0,296
CHR5	27053115	CHR5:27053115	SSF x Far_LoA	-10,9691303	-0,004	0,321
CHR5	27053118	CHR5:27053118	SSF x Far_LoA	-10,5618185	0,005	0,316
CHR5	27053186	CHR5:27053186	SSF x Far_LoA	-8,64297847	0,034	0,303
CHR5	27075777	CHR5:27075777	SSF x Far_LoA	-9,45542263	0,012	0,300
CHR5	2709350	CHR5:2709350	SSF x Far_LoA	-9,00473071	-0,025	0,319
CHR5	27096381	CHR5:27096381	SSF x Far_LoA	-7,13095438	-0,059	0,314
CHR5	27101645	CHR5:27101645	SSF x Far_LoA	-7,12974178	-0,149	0,295
CHR5	27101857	CHR5:27101857	SSF x Far_LoA	-8,1769205	-0,019	0,307
CHR5	27101863	CHR5:27101863	SSF x Far_LoA	-11,3496632	0,027	0,300
CHR5	27107152	CHR5:27107152	SSF x Far_LoA	-7,27100241	-0,002	0,293
CHR5	27107161	CHR5:27107161	SSF x Far_LoA	-10,2715577	-0,070	0,313
CHR5	27107166	CHR5:27107166	SSF x Far_LoA	-11,9422359	-0,017	0,309
CHR5	27108781	CHR5:27108781	SSF x Far_LoA	-10,9892651	0,021	0,293
CHR5	27108803	CHR5:27108803	SSF x Far_LoA	-10,025429	-0,079	0,298
CHR5	27108812	CHR5:27108812	SSF x Far_LoA	-9,82548091	0,083	0,309
CHR5	27108869	CHR5:27108869	SSF x Far_LoA	-8,7840444	0,014	0,306
CHR5	27114189	CHR5:27114189	SSF x Far_LoA	-10,1875214	0,103	0,306
CHR5	27114199	CHR5:27114199	SSF x Far_LoA	-8,29386598	0,084	0,305
CHR5	27116306	CHR5:27116306	SSF x Far_LoA	-9,55383858	-0,009	0,297
CHR5	27116571	CHR5:27116571	SSF x Far_LoA	-9,636163	-0,010	0,305
CHR5	27119535	CHR5:27119535	SSF x Far_LoA	-10,5856742	-0,043	0,308
CHR5	27129976	CHR5:27129976	SSF x Far_LoA	-11,3681308	-0,015	0,308
CHR5	27130082	CHR5:27130082	SSF x Far_LoA	-12,0087985	-0,030	0,307
CHR5	27130201	CHR5:27130201	SSF x Far_LoA	-10,1624072	0,151	0,301
CHR5	27130276	CHR5:27130276	SSF x Far_LoA	-8,85484678	0,143	0,298
CHR5	27132428	CHR5:27132428	SSF x Far_LoA	-6,02216595	0,205	0,279
CHR5	27135595	CHR5:27135595	SSF x Far_LoA	-10,4570085	-0,023	0,301
CHR5	27135612	CHR5:27135612	SSF x Far_LoA	-8,10476875	-0,080	0,295
CHR5	27135613	CHR5:27135613	SSF x Far_LoA	-8,03314962	0,007	0,315
CHR5	27135614	CHR5:27135614	SSF x Far_LoA	-7,74806795	-0,083	0,295
CHR5	27136134	CHR5:27136134	SSF x Far_LoA	-8,23041731	-0,179	0,296
CHR5	27136135	CHR5:27136135	SSF x Far_LoA	-8,18893863	-0,184	0,317
CHR5	27136136	CHR5:27136136	SSF x Far_LoA	-8,32264401	-0,112	0,305
CHR5	27163523	CHR5:27163523	SSF x Far_LoA	-11,5311727	0,041	0,294
CHR5	27163574	CHR5:27163574	SSF x Far_LoA	-10,1361894	0,169	0,295
CHR5	27163593	CHR5:27163593	SSF x Far_LoA	-6,561198	-0,182	0,299
CHR5	27165578	CHR5:27165578	SSF x Far_LoA	-9,3767805	-0,030	0,305
CHR5	27168093	CHR5:27168093	SSF x Far_LoA	-8,94670974	0,013	0,315
CHR5	27180474	CHR5:27180474	SSF x Far_LoA	-4,6949403	-0,076	0,307
CHR5	27180613	CHR5:27180613	SSF x Far_LoA	-9,87258903	0,125	0,299
CHR5	27180617	CHR5:27180617	SSF x Far_LoA	-7,1002799	0,125	0,308
CHR5	27182380	CHR5:27182380	SSF x Far_LoA	-7,77195425	-0,020	0,321
CHR5	27187878	CHR5:27187878	SSF x Far_LoA	-8,66852654	0,181	0,303

CHR5	27187891	CHR5:27187891	SSF x Far_LoA	-7,50657351	-0,106	0,308
CHR5	27187898	CHR5:27187898	SSF x Far_LoA	-5,21848621	-0,108	0,306
CHR5	27187922	CHR5:27187922	SSF x Far_LoA	-8,401438	-0,077	0,315
CHR5	27190725	CHR5:27190725	SSF x Far_LoA	-8,92752827	-0,016	0,309
CHR5	27209112	CHR5:27209112	SSF x Far_LoA	-12,0051795	0,009	0,314
CHR5	27209151	CHR5:27209151	SSF x Far_LoA	-9,99806034	0,013	0,307
CHR5	27209197	CHR5:27209197	SSF x Far_LoA	-7,93415534	0,034	0,303
CHR5	27209201	CHR5:27209201	SSF x Far_LoA	-9,99430225	0,018	0,305
CHR5	27213153	CHR5:27213153	SSF x Far_LoA	-8,5408458	0,056	0,313
CHR5	27214459	CHR5:27214459	SSF x Far_LoA	-8,72462594	0,014	0,330
CHR5	27217865	CHR5:27217865	SSF x Far_LoA	-8,46832691	0,047	0,317
CHR5	27217882	CHR5:27217882	SSF x Far_LoA	-9,72007191	-0,054	0,314
CHR5	27217906	CHR5:27217906	SSF x Far_LoA	-10,275791	0,042	0,307
CHR5	27218023	CHR5:27218023	SSF x Far_LoA	-8,90235416	-0,030	0,304
CHR5	27218044	CHR5:27218044	SSF x Far_LoA	-9,35722347	-0,118	0,295
CHR5	27218108	CHR5:27218108	SSF x Far_LoA	-9,80586698	0,022	0,314
CHR5	27223071	CHR5:27223071	SSF x Far_LoA	-8,89558373	0,000	0,299
CHR5	27223106	CHR5:27223106	SSF x Far_LoA	-6,31655277	-0,166	0,302
CHR5	27223126	CHR5:27223126	SSF x Far_LoA	-10,9337544	-0,060	0,298
CHR5	27223152	CHR5:27223152	SSF x Far_LoA	-11,1096098	0,057	0,309
CHR5	27225907	CHR5:27225907	SSF x Far_LoA	-6,53242442	0,081	0,318
CHR5	27225921	CHR5:27225921	SSF x Far_LoA	-8,81202709	0,058	0,307
CHR5	27225923	CHR5:27225923	SSF x Far_LoA	-10,8601202	-0,040	0,306
CHR5	27225943	CHR5:27225943	SSF x Far_LoA	-6,90464862	-0,192	0,294
CHR5	27225953	CHR5:27225953	SSF x Far_LoA	-9,18149355	-0,121	0,314
CHR5	27237408	CHR5:27237408	SSF x Far_LoA	-10,5356669	-0,024	0,304
CHR5	27254917	CHR5:27254917	SSF x Far_LoA	-8,44150486	-0,008	0,302
CHR5	27254945	CHR5:27254945	SSF x Far_LoA	-8,28498619	-0,106	0,295
CHR5	27255016	CHR5:27255016	SSF x Far_LoA	-11,1488906	-0,030	0,316
CHR5	27255049	CHR5:27255049	SSF x Far_LoA	-11,342106	0,100	0,302
CHR5	27259339	CHR5:27259339	SSF x Far_LoA	-10,7283578	-0,056	0,300
CHR5	27283457	CHR5:27283457	SSF x Far_LoA	-5,57507931	-0,057	0,314
CHR5	27285748	CHR5:27285748	SSF x Far_LoA	-10,4974945	0,072	0,310
CHR5	27298869	CHR5:27298869	SSF x Far_LoA	-11,5596321	0,052	0,312
CHR5	27298895	CHR5:27298895	SSF x Far_LoA	-9,33664987	-0,061	0,313
CHR5	27304272	CHR5:27304272	SSF x Far_LoA	-9,77993026	0,063	0,301
CHR5	27304310	CHR5:27304310	SSF x Far_LoA	-9,1810915	-0,012	0,314
CHR5	27306951	CHR5:27306951	SSF x Far_LoA	-10,9720236	-0,018	0,295
CHR5	27307032	CHR5:27307032	SSF x Far_LoA	-9,19021513	-0,025	0,310
CHR5	27307146	CHR5:27307146	SSF x Far_LoA	-6,62559274	-0,169	0,301
CHR5	27317038	CHR5:27317038	SSF x Far_LoA	-11,5866043	-0,031	0,305
CHR5	2732785	CHR5:2732785	SSF x Far_LoA	-8,80196436	0,043	0,321
CHR5	27331549	CHR5:27331549	SSF x Far_LoA	-8,56424058	-0,020	0,306
CHR5	2753030	CHR5:2753030	SSF x Far_LoA	-8,18774601	-0,101	0,309
CHR5	2754249	CHR5:2754249	SSF x Far_LoA	-8,07797977	-0,014	0,309
CHR5	27556505	CHR5:27556505	SSF x Far_LoA	-10,5448223	0,025	0,302
CHR5	27562390	CHR5:27562390	SSF x Far_LoA	-8,52759225	0,015	0,309
CHR5	27562528	CHR5:27562528	SSF x Far_LoA	-9,1022648	-0,009	0,305
CHR5	27570694	CHR5:27570694	SSF x Far_LoA	-9,82868306	0,047	0,301
CHR5	27572394	CHR5:27572394	SSF x Far_LoA	-11,3403483	-0,117	0,301
CHR5	27572610	CHR5:27572610	SSF x Far_LoA	-9,79024798	0,036	0,312
CHR5	2758211	CHR5:2758211	SSF x Far_LoA	-9,59856543	0,028	0,310
CHR5	2758363	CHR5:2758363	SSF x Far_LoA	-9,69777304	0,113	0,299

CHR5	27587943	CHR5:27587943	SSF x Far_LoA	-10,686408	0,095	0,291
CHR5	27594240	CHR5:27594240	SSF x Far_LoA	-8,00297968	-0,005	0,319
CHR5	27594297	CHR5:27594297	SSF x Far_LoA	-9,51313669	0,042	0,298
CHR5	27595456	CHR5:27595456	SSF x Far_LoA	-9,89059906	-0,063	0,304
CHR5	27596314	CHR5:27596314	SSF x Far_LoA	-10,3372196	-0,005	0,311
CHR5	27596345	CHR5:27596345	SSF x Far_LoA	-9,23827136	0,045	0,314
CHR5	27596478	CHR5:27596478	SSF x Far_LoA	-9,47779894	0,041	0,317
CHR5	2760226	CHR5:2760226	SSF x Far_LoA	-8,78919482	0,016	0,316
CHR5	27603706	CHR5:27603706	SSF x Far_LoA	-10,1987704	-0,084	0,321
CHR5	27603796	CHR5:27603796	SSF x Far_LoA	-7,24196446	0,019	0,311
CHR5	27603933	CHR5:27603933	SSF x Far_LoA	-7,40127266	-0,143	0,304
CHR5	27603956	CHR5:27603956	SSF x Far_LoA	-0,43987987	0,077	0,301
CHR5	27607299	CHR5:27607299	SSF x Far_LoA	-6,97142641	-0,062	0,304
CHR5	27607305	CHR5:27607305	SSF x Far_LoA	-9,28399901	0,141	0,292
CHR5	27609535	CHR5:27609535	SSF x Far_LoA	-9,79254514	0,099	0,299
CHR5	27609651	CHR5:27609651	SSF x Far_LoA	-8,87118724	0,078	0,304
CHR5	27609689	CHR5:27609689	SSF x Far_LoA	-9,10604671	-0,023	0,310
CHR5	27614456	CHR5:27614456	SSF x Far_LoA	-10,820186	0,111	0,293
CHR5	27635038	CHR5:27635038	SSF x Far_LoA	-12,0099239	-0,008	0,308
CHR5	27635156	CHR5:27635156	SSF x Far_LoA	-8,44293226	-0,036	0,314
CHR5	27636563	CHR5:27636563	SSF x Far_LoA	-9,18280364	-0,179	0,304
CHR5	27638853	CHR5:27638853	SSF x Far_LoA	-9,30931022	0,105	0,304
CHR5	27638904	CHR5:27638904	SSF x Far_LoA	-8,70780626	-0,077	0,309
CHR5	27638977	CHR5:27638977	SSF x Far_LoA	-10,4813778	-0,085	0,311
CHR5	27638985	CHR5:27638985	SSF x Far_LoA	-9,75176303	-0,083	0,314
CHR5	27638987	CHR5:27638987	SSF x Far_LoA	-9,87544456	0,065	0,327
CHR5	27647040	CHR5:27647040	SSF x Far_LoA	-7,20350446	-0,026	0,310
CHR5	27648184	CHR5:27648184	SSF x Far_LoA	-10,9126162	0,004	0,305
CHR5	27648206	CHR5:27648206	SSF x Far_LoA	-2,80129506	-0,139	0,308
CHR5	27648213	CHR5:27648213	SSF x Far_LoA	-4,50192449	-0,115	0,303
CHR5	27648307	CHR5:27648307	SSF x Far_LoA	-10,1172767	0,033	0,300
CHR5	27648318	CHR5:27648318	SSF x Far_LoA	-10,6725144	-0,006	0,312
CHR5	27663034	CHR5:27663034	SSF x Far_LoA	-9,67840532	0,010	0,307
CHR5	27663135	CHR5:27663135	SSF x Far_LoA	-9,37892862	0,125	0,297
CHR5	27663209	CHR5:27663209	SSF x Far_LoA	-8,23753831	-0,144	0,297
CHR5	2769385	CHR5:2769385	SSF x Far_LoA	-8,64255432	-0,051	0,306
CHR5	27701802	CHR5:27701802	SSF x Far_LoA	-10,4364903	-0,007	0,310
CHR5	27702878	CHR5:27702878	SSF x Far_LoA	-8,7673014	0,095	0,295
CHR5	27703009	CHR5:27703009	SSF x Far_LoA	-7,09811773	0,091	0,311
CHR5	27704750	CHR5:27704750	SSF x Far_LoA	-6,61951555	0,014	0,328
CHR5	27704777	CHR5:27704777	SSF x Far_LoA	-10,2348349	-0,071	0,321
CHR5	27704847	CHR5:27704847	SSF x Far_LoA	-9,54731168	0,065	0,311
CHR5	27704883	CHR5:27704883	SSF x Far_LoA	-11,0842944	-0,026	0,314
CHR5	27711620	CHR5:27711620	SSF x Far_LoA	-9,47423082	0,017	0,312
CHR5	27716993	CHR5:27716993	SSF x Far_LoA	-11,1287732	-0,001	0,322
CHR5	27717088	CHR5:27717088	SSF x Far_LoA	-7,76715515	-0,086	0,309
CHR5	27717105	CHR5:27717105	SSF x Far_LoA	-7,47013979	0,143	0,280
CHR5	27717153	CHR5:27717153	SSF x Far_LoA	-10,7533191	0,033	0,304
CHR5	27717215	CHR5:27717215	SSF x Far_LoA	-10,2710593	-0,032	0,306
CHR5	27722536	CHR5:27722536	SSF x Far_LoA	-10,1198338	0,025	0,296
CHR5	27722568	CHR5:27722568	SSF x Far_LoA	-10,0749119	-0,051	0,309
CHR5	27724232	CHR5:27724232	SSF x Far_LoA	-9,3328166	-0,096	0,302
CHR5	27725780	CHR5:27725780	SSF x Far_LoA	-9,81504296	-0,044	0,325

CHR5	27725847	CHR5:27725847	SSF x Far_LoA	-10,3433211	-0,109	0,303
CHR5	27725857	CHR5:27725857	SSF x Far_LoA	-9,89355934	-0,114	0,298
CHR5	27725860	CHR5:27725860	SSF x Far_LoA	-10,91557	0,045	0,303
CHR5	27725865	CHR5:27725865	SSF x Far_LoA	-7,20273303	-0,023	0,306
CHR5	27725881	CHR5:27725881	SSF x Far_LoA	-9,10792192	0,021	0,286
CHR5	27726016	CHR5:27726016	SSF x Far_LoA	-9,53869191	0,027	0,301
CHR5	27730866	CHR5:27730866	SSF x Far_LoA	-9,30513791	0,090	0,305
CHR5	27730925	CHR5:27730925	SSF x Far_LoA	-10,4249369	-0,006	0,304
CHR5	27731053	CHR5:27731053	SSF x Far_LoA	-10,5650371	0,052	0,293
CHR5	27752933	CHR5:27752933	SSF x Far_LoA	-9,44612028	0,042	0,315
CHR5	27757794	CHR5:27757794	SSF x Far_LoA	-11,8716412	-0,070	0,303
CHR5	27760050	CHR5:27760050	SSF x Far_LoA	-8,82067009	-0,032	0,301
CHR5	27760052	CHR5:27760052	SSF x Far_LoA	-8,58307726	-0,022	0,318
CHR5	27760103	CHR5:27760103	SSF x Far_LoA	-7,48342002	0,183	0,287
CHR5	27763345	CHR5:27763345	SSF x Far_LoA	-9,46846119	0,033	0,302
CHR5	27763443	CHR5:27763443	SSF x Far_LoA	-9,26796526	0,002	0,316
CHR5	27763507	CHR5:27763507	SSF x Far_LoA	-6,62406388	-0,017	0,313
CHR5	2777486	CHR5:2777486	SSF x Far_LoA	-10,031521	0,090	0,309
CHR5	27778619	CHR5:27778619	SSF x Far_LoA	-11,6141222	0,126	0,295
CHR5	27778801	CHR5:27778801	SSF x Far_LoA	-9,07774042	0,061	0,292
CHR5	27784647	CHR5:27784647	SSF x Far_LoA	-8,85294079	0,111	0,298
CHR5	27784711	CHR5:27784711	SSF x Far_LoA	-7,30585506	0,057	0,306
CHR5	27784878	CHR5:27784878	SSF x Far_LoA	-9,01385615	0,000	0,301
CHR5	27788366	CHR5:27788366	SSF x Far_LoA	-9,09101146	-0,139	0,310
CHR5	27788530	CHR5:27788530	SSF x Far_LoA	-10,1342107	0,167	0,309
CHR5	27788580	CHR5:27788580	SSF x Far_LoA	-5,85868772	0,086	0,300
CHR5	2779379	CHR5:2779379	SSF x Far_LoA	-11,2704363	0,016	0,297
CHR5	2779454	CHR5:2779454	SSF x Far_LoA	-6,66655481	0,036	0,315
CHR5	27807822	CHR5:27807822	SSF x Far_LoA	-11,9065946	-0,085	0,317
CHR5	27818176	CHR5:27818176	SSF x Far_LoA	-5,13720054	-0,176	0,312
CHR5	27818205	CHR5:27818205	SSF x Far_LoA	-10,5076519	-0,051	0,309
CHR5	27818413	CHR5:27818413	SSF x Far_LoA	-9,92272617	0,086	0,300
CHR5	27818463	CHR5:27818463	SSF x Far_LoA	-8,79137557	0,031	0,308
CHR5	27819920	CHR5:27819920	SSF x Far_LoA	-9,79753018	0,006	0,310
CHR5	27820252	CHR5:27820252	SSF x Far_LoA	-10,3103202	0,020	0,306
CHR5	27826601	CHR5:27826601	SSF x Far_LoA	-8,43892925	-0,019	0,316
CHR5	27826637	CHR5:27826637	SSF x Far_LoA	-12,2894277	0,070	0,292
CHR5	27826639	CHR5:27826639	SSF x Far_LoA	-9,19983499	0,070	0,315
CHR5	27826703	CHR5:27826703	SSF x Far_LoA	-7,92979135	-0,017	0,316
CHR5	2783625	CHR5:2783625	SSF x Far_LoA	-10,414605	-0,088	0,294
CHR5	2783788	CHR5:2783788	SSF x Far_LoA	-9,75498757	-0,049	0,309
CHR5	2783813	CHR5:2783813	SSF x Far_LoA	-9,10665952	-0,056	0,315
CHR5	27844745	CHR5:27844745	SSF x Far_LoA	-11,6194643	-0,005	0,324
CHR5	27855736	CHR5:27855736	SSF x Far_LoA	-8,65207388	-0,073	0,319
CHR5	27855811	CHR5:27855811	SSF x Far_LoA	-8,17597125	0,080	0,309
CHR5	27855835	CHR5:27855835	SSF x Far_LoA	-7,18253575	0,232	0,284
CHR5	27855839	CHR5:27855839	SSF x Far_LoA	-8,59248212	0,019	0,323
CHR5	27855873	CHR5:27855873	SSF x Far_LoA	-11,865174	0,051	0,299
CHR5	27855892	CHR5:27855892	SSF x Far_LoA	-9,12393558	0,046	0,310
CHR5	27855923	CHR5:27855923	SSF x Far_LoA	-4,15071512	0,239	0,277
CHR5	27855968	CHR5:27855968	SSF x Far_LoA	-7,81057419	-0,099	0,304
CHR5	27861143	CHR5:27861143	SSF x Far_LoA	-4,72999552	-0,038	0,314
CHR5	27861204	CHR5:27861204	SSF x Far_LoA	-8,76005045	-0,072	0,306

CHR5	27861325	CHR5:27861325	SSF x Far_LoA	-7,65049822	0,043	0,300
CHR5	27861377	CHR5:27861377	SSF x Far_LoA	-7,59393741	0,035	0,299
CHR5	27865800	CHR5:27865800	SSF x Far_LoA	-11,2683904	-0,034	0,314
CHR5	27865861	CHR5:27865861	SSF x Far_LoA	-9,59665938	-0,011	0,308
CHR5	27866781	CHR5:27866781	SSF x Far_LoA	-6,43777758	-0,060	0,304
CHR5	27874040	CHR5:27874040	SSF x Far_LoA	-3,89695285	0,179	0,300
CHR5	27874100	CHR5:27874100	SSF x Far_LoA	-8,0679574	-0,105	0,304
CHR5	27883185	CHR5:27883185	SSF x Far_LoA	-10,2897036	-0,038	0,308
CHR5	27883186	CHR5:27883186	SSF x Far_LoA	-11,4538497	0,013	0,313
CHR5	27883234	CHR5:27883234	SSF x Far_LoA	-6,29623319	-0,059	0,298
CHR5	27883239	CHR5:27883239	SSF x Far_LoA	-8,86237436	-0,055	0,296
CHR5	27883261	CHR5:27883261	SSF x Far_LoA	-9,57262545	-0,004	0,322
CHR5	27891356	CHR5:27891356	SSF x Far_LoA	-11,1248034	-0,041	0,310
CHR5	27891516	CHR5:27891516	SSF x Far_LoA	-6,51647518	-0,057	0,306
CHR5	27891692	CHR5:27891692	SSF x Far_LoA	-8,62979927	-0,021	0,306
CHR5	27891697	CHR5:27891697	SSF x Far_LoA	-4,69192941	0,010	0,309
CHR5	27897784	CHR5:27897784	SSF x Far_LoA	-9,11099936	0,038	0,314
CHR5	27897850	CHR5:27897850	SSF x Far_LoA	-8,1788759	0,151	0,294
CHR5	27900918	CHR5:27900918	SSF x Far_LoA	-9,54471139	-0,010	0,302
CHR5	27900991	CHR5:27900991	SSF x Far_LoA	-11,2374636	0,007	0,310
CHR5	27904244	CHR5:27904244	SSF x Far_LoA	-10,2402727	0,047	0,303
CHR5	27904266	CHR5:27904266	SSF x Far_LoA	-12,6166425	0,018	0,298
CHR5	27905630	CHR5:27905630	SSF x Far_LoA	-9,90888008	-0,064	0,322
CHR5	27921594	CHR5:27921594	SSF x Far_LoA	-9,45723646	-0,006	0,307
CHR5	27921611	CHR5:27921611	SSF x Far_LoA	-11,4456363	-0,027	0,305
CHR5	27923946	CHR5:27923946	SSF x Far_LoA	-11,8250356	-0,010	0,302
CHR5	27923978	CHR5:27923978	SSF x Far_LoA	-7,21707426	0,111	0,297
CHR5	27923986	CHR5:27923986	SSF x Far_LoA	-12,5169215	-0,012	0,299
CHR5	27923990	CHR5:27923990	SSF x Far_LoA	-7,53103393	0,100	0,290
CHR5	27924023	CHR5:27924023	SSF x Far_LoA	-7,49599129	0,009	0,302
CHR5	27927863	CHR5:27927863	SSF x Far_LoA	-9,69200817	0,029	0,315
CHR5	27927892	CHR5:27927892	SSF x Far_LoA	-11,6762936	-0,087	0,297
CHR5	27927939	CHR5:27927939	SSF x Far_LoA	-8,73051455	0,077	0,301
CHR5	27927952	CHR5:27927952	SSF x Far_LoA	-10,217765	-0,025	0,315
CHR5	27928183	CHR5:27928183	SSF x Far_LoA	-6,67119599	0,034	0,304
CHR5	27928247	CHR5:27928247	SSF x Far_LoA	-10,6308879	-0,040	0,301
CHR5	27928282	CHR5:27928282	SSF x Far_LoA	-10,2657788	0,085	0,299
CHR5	27943251	CHR5:27943251	SSF x Far_LoA	-8,44865621	0,042	0,313
CHR5	27947993	CHR5:27947993	SSF x Far_LoA	-10,7071714	0,014	0,300
CHR5	27948139	CHR5:27948139	SSF x Far_LoA	-9,24099393	0,039	0,312
CHR5	27951321	CHR5:27951321	SSF x Far_LoA	-8,74534372	-0,093	0,298
CHR5	27951367	CHR5:27951367	SSF x Far_LoA	-9,84312182	0,035	0,301
CHR5	27951427	CHR5:27951427	SSF x Far_LoA	-7,23656486	-0,104	0,318
CHR5	27951470	CHR5:27951470	SSF x Far_LoA	-10,7227032	-0,057	0,317
CHR5	27951488	CHR5:27951488	SSF x Far_LoA	-8,91445367	0,032	0,315
CHR5	27951493	CHR5:27951493	SSF x Far_LoA	-8,6055138	-0,018	0,305
CHR5	27951498	CHR5:27951498	SSF x Far_LoA	-8,82595819	-0,087	0,297
CHR5	27952602	CHR5:27952602	SSF x Far_LoA	-9,68682721	-0,010	0,299
CHR5	27952642	CHR5:27952642	SSF x Far_LoA	-6,64326814	0,072	0,306
CHR5	27952675	CHR5:27952675	SSF x Far_LoA	-7,41023906	-0,169	0,302
CHR5	27952676	CHR5:27952676	SSF x Far_LoA	-8,52602069	-0,160	0,304
CHR5	27952754	CHR5:27952754	SSF x Far_LoA	-11,8363934	0,052	0,293
CHR5	27952756	CHR5:27952756	SSF x Far_LoA	-11,9568077	0,044	0,303

CHR5	27959206	CHR5:27959206	SSF x Far_LoA	-8,45764969	-0,120	0,297
CHR5	27959288	CHR5:27959288	SSF x Far_LoA	-7,72216992	-0,046	0,319
CHR5	27968465	CHR5:27968465	SSF x Far_LoA	-9,6533968	-0,095	0,302
CHR5	27968542	CHR5:27968542	SSF x Far_LoA	-6,5143465	0,185	0,309
CHR5	27974382	CHR5:27974382	SSF x Far_LoA	-10,0908765	-0,051	0,321
CHR5	27974383	CHR5:27974383	SSF x Far_LoA	-7,70957243	-0,036	0,296
CHR5	27980274	CHR5:27980274	SSF x Far_LoA	-7,95335868	-0,029	0,315
CHR5	27980545	CHR5:27980545	SSF x Far_LoA	-10,7798146	0,044	0,304
CHR5	27985528	CHR5:27985528	SSF x Far_LoA	-9,38734032	-0,107	0,308
CHR5	27995973	CHR5:27995973	SSF x Far_LoA	-11,964474	0,003	0,309
CHR5	27995995	CHR5:27995995	SSF x Far_LoA	-9,1884976	-0,051	0,312
CHR5	27996017	CHR5:27996017	SSF x Far_LoA	-10,5727131	-0,102	0,312
CHR5	27996018	CHR5:27996018	SSF x Far_LoA	-5,95999827	-0,094	0,317
CHR5	27996092	CHR5:27996092	SSF x Far_LoA	-10,1139703	-0,103	0,308
CHR5	27996276	CHR5:27996276	SSF x Far_LoA	-8,11932438	-0,123	0,310
CHR5	28003286	CHR5:28003286	SSF x Far_LoA	-7,27218969	0,148	0,291
CHR5	28003636	CHR5:28003636	SSF x Far_LoA	-11,6699356	-0,062	0,312
CHR5	28003654	CHR5:28003654	SSF x Far_LoA	-11,7977316	-0,033	0,304
CHR5	28015358	CHR5:28015358	SSF x Far_LoA	-10,0622069	0,037	0,305
CHR5	28015362	CHR5:28015362	SSF x Far_LoA	-9,56861491	0,029	0,306
CHR5	2801700	CHR5:2801700	SSF x Far_LoA	-8,19366705	0,022	0,316
CHR5	2801776	CHR5:2801776	SSF x Far_LoA	-9,90917085	0,015	0,315
CHR5	28027025	CHR5:28027025	SSF x Far_LoA	-9,44315386	-0,097	0,306
CHR5	28027055	CHR5:28027055	SSF x Far_LoA	-8,59557586	-0,142	0,297
CHR5	28027060	CHR5:28027060	SSF x Far_LoA	-8,17722919	0,027	0,314
CHR5	28027081	CHR5:28027081	SSF x Far_LoA	-10,1126807	0,082	0,307
CHR5	28027148	CHR5:28027148	SSF x Far_LoA	-9,11740626	-0,036	0,298
CHR5	28027272	CHR5:28027272	SSF x Far_LoA	-8,87548308	0,018	0,307
CHR5	28029487	CHR5:28029487	SSF x Far_LoA	-9,62253119	-0,028	0,307
CHR5	28029552	CHR5:28029552	SSF x Far_LoA	-10,3565283	-0,031	0,304
CHR5	28029564	CHR5:28029564	SSF x Far_LoA	-9,83125364	-0,015	0,309
CHR5	28032112	CHR5:28032112	SSF x Far_LoA	-10,9258494	0,057	0,304
CHR5	28032162	CHR5:28032162	SSF x Far_LoA	-8,94338338	-0,014	0,310
CHR5	28032163	CHR5:28032163	SSF x Far_LoA	-8,02779275	0,051	0,314
CHR5	28034342	CHR5:28034342	SSF x Far_LoA	-12,0514677	0,009	0,306
CHR5	28034377	CHR5:28034377	SSF x Far_LoA	-7,93755854	0,113	0,304
CHR5	28035049	CHR5:28035049	SSF x Far_LoA	-8,88127875	0,018	0,304
CHR5	28037057	CHR5:28037057	SSF x Far_LoA	-10,2687521	0,086	0,307
CHR5	28037099	CHR5:28037099	SSF x Far_LoA	-6,51035409	-0,054	0,325
CHR5	28040154	CHR5:28040154	SSF x Far_LoA	-6,60260016	0,135	0,304
CHR5	28042287	CHR5:28042287	SSF x Far_LoA	-6,58203298	-0,139	0,307
CHR5	28042295	CHR5:28042295	SSF x Far_LoA	-9,12271322	-0,028	0,308
CHR5	28045598	CHR5:28045598	SSF x Far_LoA	-11,996499	-0,072	0,309
CHR5	28052963	CHR5:28052963	SSF x Far_LoA	-8,41328206	-0,029	0,313
CHR5	28053081	CHR5:28053081	SSF x Far_LoA	-10,5964813	0,055	0,306
CHR5	28059258	CHR5:28059258	SSF x Far_LoA	-6,40504656	0,026	0,304
CHR5	28059431	CHR5:28059431	SSF x Far_LoA	-10,4634198	-0,032	0,321
CHR5	28063537	CHR5:28063537	SSF x Far_LoA	-7,99055858	-0,114	0,304
CHR5	28063796	CHR5:28063796	SSF x Far_LoA	-10,2521338	0,006	0,299
CHR5	28063835	CHR5:28063835	SSF x Far_LoA	-7,96723506	-0,159	0,297
CHR5	28072589	CHR5:28072589	SSF x Far_LoA	-9,18669643	-0,160	0,284
CHR5	28077614	CHR5:28077614	SSF x Far_LoA	-10,2565869	0,007	0,315
CHR5	28077616	CHR5:28077616	SSF x Far_LoA	-9,64428483	0,034	0,321

CHR5	28080594	CHR5:28080594	SSF x Far_LoA	-9,60373877	0,054	0,293
CHR5	28080637	CHR5:28080637	SSF x Far_LoA	-8,31410282	-0,131	0,314
CHR5	28080668	CHR5:28080668	SSF x Far_LoA	-10,006114	0,116	0,305
CHR5	28080669	CHR5:28080669	SSF x Far_LoA	-10,8566601	0,060	0,312
CHR5	28088351	CHR5:28088351	SSF x Far_LoA	-4,79934832	-0,100	0,300
CHR5	28088474	CHR5:28088474	SSF x Far_LoA	-11,8676951	-0,054	0,307
CHR5	28090163	CHR5:28090163	SSF x Far_LoA	-10,3940629	0,018	0,301
CHR5	28114225	CHR5:28114225	SSF x Far_LoA	-9,24987106	0,043	0,303
CHR5	28114255	CHR5:28114255	SSF x Far_LoA	-10,3137654	-0,032	0,286
CHR5	28114665	CHR5:28114665	SSF x Far_LoA	-9,57996969	-0,127	0,301
CHR5	28114779	CHR5:28114779	SSF x Far_LoA	-9,91886368	0,015	0,297
CHR5	28114787	CHR5:28114787	SSF x Far_LoA	-9,45368852	0,097	0,319
CHR5	28114847	CHR5:28114847	SSF x Far_LoA	-4,07043552	0,154	0,297
CHR5	28119604	CHR5:28119604	SSF x Far_LoA	-9,63960528	0,013	0,299
CHR5	28119618	CHR5:28119618	SSF x Far_LoA	-8,18865689	-0,067	0,308
CHR5	28119651	CHR5:28119651	SSF x Far_LoA	-7,56063442	-0,130	0,284
CHR5	28119661	CHR5:28119661	SSF x Far_LoA	-3,56075575	-0,171	0,298
CHR5	28126732	CHR5:28126732	SSF x Far_LoA	-9,94101276	0,038	0,309
CHR5	28126753	CHR5:28126753	SSF x Far_LoA	-9,32419703	0,067	0,302
CHR5	28126754	CHR5:28126754	SSF x Far_LoA	-9,57806489	0,048	0,304
CHR5	28128988	CHR5:28128988	SSF x Far_LoA	-10,2910114	-0,009	0,312
CHR5	28133557	CHR5:28133557	SSF x Far_LoA	-10,8583286	-0,040	0,302
CHR5	28133568	CHR5:28133568	SSF x Far_LoA	-11,3565251	-0,013	0,308
CHR5	28133619	CHR5:28133619	SSF x Far_LoA	-10,5226904	0,108	0,298
CHR5	28133639	CHR5:28133639	SSF x Far_LoA	-10,2240998	0,020	0,317
CHR5	28133643	CHR5:28133643	SSF x Far_LoA	-9,26298868	0,020	0,302
CHR5	28135939	CHR5:28135939	SSF x Far_LoA	-9,89004978	-0,112	0,300
CHR5	28135949	CHR5:28135949	SSF x Far_LoA	-8,80260423	-0,094	0,313
CHR5	28135956	CHR5:28135956	SSF x Far_LoA	-9,48793891	0,018	0,306
CHR5	28139534	CHR5:28139534	SSF x Far_LoA	-4,78855946	-0,185	0,306
CHR5	28143601	CHR5:28143601	SSF x Far_LoA	-11,9327871	-0,017	0,308
CHR5	28143665	CHR5:28143665	SSF x Far_LoA	-7,43488452	-0,039	0,313
CHR5	28143675	CHR5:28143675	SSF x Far_LoA	-8,70588426	0,026	0,303
CHR5	2814846	CHR5:2814846	SSF x Far_LoA	-5,94601673	0,031	0,310
CHR5	2815029	CHR5:2815029	SSF x Far_LoA	-8,04758704	-0,123	0,301
CHR5	28154848	CHR5:28154848	SSF x Far_LoA	-8,58159502	0,065	0,314
CHR5	28154916	CHR5:28154916	SSF x Far_LoA	-9,32230216	0,007	0,307
CHR5	28154951	CHR5:28154951	SSF x Far_LoA	-10,5336893	0,014	0,304
CHR5	28155029	CHR5:28155029	SSF x Far_LoA	-7,76247279	0,113	0,297
CHR5	28155048	CHR5:28155048	SSF x Far_LoA	-7,1497961	0,153	0,309
CHR5	28161594	CHR5:28161594	SSF x Far_LoA	-10,0566049	0,077	0,300
CHR5	28161604	CHR5:28161604	SSF x Far_LoA	-10,1128308	-0,095	0,306
CHR5	28161615	CHR5:28161615	SSF x Far_LoA	-11,0137218	-0,061	0,314
CHR5	28161622	CHR5:28161622	SSF x Far_LoA	-3,19213549	0,062	0,302
CHR5	28161740	CHR5:28161740	SSF x Far_LoA	-8,84088678	-0,165	0,311
CHR5	28192592	CHR5:28192592	SSF x Far_LoA	-10,5011771	0,065	0,311
CHR5	28192593	CHR5:28192593	SSF x Far_LoA	-10,4352007	0,070	0,304
CHR5	2819896	CHR5:2819896	SSF x Far_LoA	-10,2594453	-0,026	0,300
CHR5	2819921	CHR5:2819921	SSF x Far_LoA	-8,75100173	-0,020	0,305
CHR5	28207152	CHR5:28207152	SSF x Far_LoA	-10,6480008	-0,039	0,308
CHR5	28209121	CHR5:28209121	SSF x Far_LoA	-9,01963929	0,039	0,316
CHR5	28209189	CHR5:28209189	SSF x Far_LoA	-7,04540112	-0,120	0,307
CHR5	2821058	CHR5:2821058	SSF x Far_LoA	-9,77063037	-0,067	0,304

CHR5	28211313	CHR5:28211313	SSF x Far_LoA	-8,04285686	0,035	0,317
CHR5	28212487	CHR5:28212487	SSF x Far_LoA	-10,9594284	-0,076	0,305
CHR5	28212512	CHR5:28212512	SSF x Far_LoA	-10,9473809	0,074	0,298
CHR5	28212528	CHR5:28212528	SSF x Far_LoA	-10,6897776	0,040	0,308
CHR5	28216107	CHR5:28216107	SSF x Far_LoA	-8,8327944	0,021	0,316
CHR5	28216320	CHR5:28216320	SSF x Far_LoA	-11,2511911	0,088	0,293
CHR5	28216407	CHR5:28216407	SSF x Far_LoA	-5,0627862	-0,126	0,309
CHR5	28218441	CHR5:28218441	SSF x Far_LoA	-5,83699377	-0,142	0,305
CHR5	28218445	CHR5:28218445	SSF x Far_LoA	-7,74612675	-0,121	0,306
CHR5	28218463	CHR5:28218463	SSF x Far_LoA	-10,0630507	0,002	0,316
CHR5	28223531	CHR5:28223531	SSF x Far_LoA	-4,81547371	-0,056	0,309
CHR5	28223675	CHR5:28223675	SSF x Far_LoA	-9,9141371	0,062	0,293
CHR5	28223691	CHR5:28223691	SSF x Far_LoA	-7,74408989	-0,199	0,300
CHR5	28223712	CHR5:28223712	SSF x Far_LoA	-7,79248287	0,020	0,320
CHR5	28224696	CHR5:28224696	SSF x Far_LoA	-10,0474202	0,032	0,320
CHR5	28224818	CHR5:28224818	SSF x Far_LoA	-10,5869734	-0,004	0,306
CHR5	28227499	CHR5:28227499	SSF x Far_LoA	-10,33765	0,000	0,317
CHR5	28227502	CHR5:28227502	SSF x Far_LoA	-11,5862498	0,026	0,314
CHR5	28227553	CHR5:28227553	SSF x Far_LoA	-10,2987452	0,038	0,311
CHR5	28227572	CHR5:28227572	SSF x Far_LoA	-10,604052	-0,001	0,303
CHR5	28228571	CHR5:28228571	SSF x Far_LoA	-10,9431408	0,092	0,313
CHR5	28228627	CHR5:28228627	SSF x Far_LoA	-8,67186044	0,131	0,299
CHR5	28228768	CHR5:28228768	SSF x Far_LoA	-4,74461441	-0,072	0,296
CHR5	28235884	CHR5:28235884	SSF x Far_LoA	-11,5915733	-0,006	0,315
CHR5	28235891	CHR5:28235891	SSF x Far_LoA	-9,24227895	-0,058	0,305
CHR5	28235916	CHR5:28235916	SSF x Far_LoA	-8,75943392	-0,006	0,312
CHR5	28235925	CHR5:28235925	SSF x Far_LoA	-9,58965855	-0,039	0,297
CHR5	28239828	CHR5:28239828	SSF x Far_LoA	-6,61969258	-0,139	0,296
CHR5	28239829	CHR5:28239829	SSF x Far_LoA	-9,26358291	-0,017	0,321
CHR5	28239836	CHR5:28239836	SSF x Far_LoA	-10,6384124	-0,043	0,309
CHR5	28240696	CHR5:28240696	SSF x Far_LoA	-10,4616311	0,011	0,303
CHR5	28240725	CHR5:28240725	SSF x Far_LoA	-9,16782208	-0,054	0,293
CHR5	28243254	CHR5:28243254	SSF x Far_LoA	-8,0288631	0,022	0,312
CHR5	2824482	CHR5:2824482	SSF x Far_LoA	-10,2627285	-0,103	0,305
CHR5	2824573	CHR5:2824573	SSF x Far_LoA	-8,20834102	0,164	0,290
CHR5	2824606	CHR5:2824606	SSF x Far_LoA	-10,5375681	-0,009	0,294
CHR5	28246305	CHR5:28246305	SSF x Far_LoA	-6,23970815	0,123	0,300
CHR5	28246351	CHR5:28246351	SSF x Far_LoA	-9,22424899	0,152	0,312
CHR5	28246355	CHR5:28246355	SSF x Far_LoA	-8,99835445	0,118	0,306
CHR5	28257550	CHR5:28257550	SSF x Far_LoA	-9,6903355	0,035	0,300
CHR5	28257553	CHR5:28257553	SSF x Far_LoA	-8,05680955	0,060	0,301
CHR5	28257559	CHR5:28257559	SSF x Far_LoA	-10,1611566	0,070	0,305
CHR5	28257570	CHR5:28257570	SSF x Far_LoA	-4,83267655	0,015	0,316
CHR5	28257652	CHR5:28257652	SSF x Far_LoA	-8,67372017	0,092	0,317
CHR5	28268003	CHR5:28268003	SSF x Far_LoA	-7,51299664	0,090	0,311
CHR5	28268054	CHR5:28268054	SSF x Far_LoA	-11,4835629	-0,065	0,303
CHR5	28268075	CHR5:28268075	SSF x Far_LoA	-9,03556502	-0,025	0,307
CHR5	28295363	CHR5:28295363	SSF x Far_LoA	-11,2946711	0,005	0,295
CHR5	28302166	CHR5:28302166	SSF x Far_LoA	-9,3489636	-0,093	0,292
CHR5	28302181	CHR5:28302181	SSF x Far_LoA	-8,99997586	-0,046	0,303
CHR5	28302182	CHR5:28302182	SSF x Far_LoA	-8,31056848	-0,150	0,306
CHR5	28302348	CHR5:28302348	SSF x Far_LoA	-9,69317146	-0,035	0,320
CHR5	28302362	CHR5:28302362	SSF x Far_LoA	-11,5683178	-0,004	0,308

CHR5	28304549	CHR5:28304549	SSF x Far_LoA	-7,33997458	-0,055	0,301
CHR5	28304550	CHR5:28304550	SSF x Far_LoA	-7,29734182	-0,143	0,296
CHR5	28304586	CHR5:28304586	SSF x Far_LoA	-7,8060637	0,028	0,298
CHR5	28304613	CHR5:28304613	SSF x Far_LoA	-6,87935623	0,132	0,309
CHR5	28306670	CHR5:28306670	SSF x Far_LoA	-10,9828472	0,051	0,295
CHR5	28306728	CHR5:28306728	SSF x Far_LoA	-11,6837871	0,063	0,299
CHR5	28306900	CHR5:28306900	SSF x Far_LoA	-7,5629557	-0,107	0,303
CHR5	28306905	CHR5:28306905	SSF x Far_LoA	-8,91323491	0,009	0,304
CHR5	28306916	CHR5:28306916	SSF x Far_LoA	-0,39766763	-0,123	0,306
CHR5	28306919	CHR5:28306919	SSF x Far_LoA	-6,23417565	-0,114	0,316
CHR5	28306946	CHR5:28306946	SSF x Far_LoA	-6,7369849	-0,082	0,314
CHR5	28310715	CHR5:28310715	SSF x Far_LoA	-10,6239658	-0,071	0,319
CHR5	28316867	CHR5:28316867	SSF x Far_LoA	-7,86801931	-0,143	0,299
CHR5	28316899	CHR5:28316899	SSF x Far_LoA	-9,67254365	0,085	0,298
CHR5	28316921	CHR5:28316921	SSF x Far_LoA	-11,7429774	0,040	0,301
CHR5	28319773	CHR5:28319773	SSF x Far_LoA	-9,10902103	-0,058	0,309
CHR5	28319821	CHR5:28319821	SSF x Far_LoA	-8,92823864	-0,052	0,296
CHR5	28321510	CHR5:28321510	SSF x Far_LoA	-11,0532848	-0,057	0,298
CHR5	28321666	CHR5:28321666	SSF x Far_LoA	-5,10414421	0,032	0,322
CHR5	28321667	CHR5:28321667	SSF x Far_LoA	-9,28517339	0,022	0,307
CHR5	28322615	CHR5:28322615	SSF x Far_LoA	-11,3680038	0,051	0,297
CHR5	28325084	CHR5:28325084	SSF x Far_LoA	-11,4187802	0,022	0,299
CHR5	28325090	CHR5:28325090	SSF x Far_LoA	-9,7588718	-0,033	0,319
CHR5	28327942	CHR5:28327942	SSF x Far_LoA	-6,53701172	0,017	0,304
CHR5	28327950	CHR5:28327950	SSF x Far_LoA	-10,8148395	0,027	0,314
CHR5	28327958	CHR5:28327958	SSF x Far_LoA	-10,342938	0,080	0,317
CHR5	28327967	CHR5:28327967	SSF x Far_LoA	-11,1181273	-0,070	0,302
CHR5	28327977	CHR5:28327977	SSF x Far_LoA	-8,88837708	-0,082	0,312
CHR5	28328015	CHR5:28328015	SSF x Far_LoA	-10,6103441	-0,020	0,318
CHR5	28328077	CHR5:28328077	SSF x Far_LoA	-9,35085813	0,003	0,304
CHR5	28328109	CHR5:28328109	SSF x Far_LoA	-9,82428975	-0,129	0,291
CHR5	2834437	CHR5:2834437	SSF x Far_LoA	-9,33877627	0,039	0,312
CHR5	28348959	CHR5:28348959	SSF x Far_LoA	-9,86931939	-0,159	0,300
CHR5	28349104	CHR5:28349104	SSF x Far_LoA	-10,8889863	0,011	0,297
CHR5	28350631	CHR5:28350631	SSF x Far_LoA	-6,41481742	0,049	0,321
CHR5	28350647	CHR5:28350647	SSF x Far_LoA	-7,39966527	0,102	0,282
CHR5	28350726	CHR5:28350726	SSF x Far_LoA	-7,94363883	0,023	0,309
CHR5	28382804	CHR5:28382804	SSF x Far_LoA	-8,59601161	0,133	0,319
CHR5	28382845	CHR5:28382845	SSF x Far_LoA	-11,2047483	-0,014	0,323
CHR5	28387549	CHR5:28387549	SSF x Far_LoA	-8,8695818	0,108	0,302
CHR5	28388386	CHR5:28388386	SSF x Far_LoA	-7,80501145	-0,038	0,319
CHR5	28392578	CHR5:28392578	SSF x Far_LoA	-7,53289515	0,085	0,297
CHR5	28392622	CHR5:28392622	SSF x Far_LoA	-10,237921	0,087	0,300
CHR5	28397854	CHR5:28397854	SSF x Far_LoA	-7,63312607	0,068	0,306
CHR5	28397868	CHR5:28397868	SSF x Far_LoA	-7,27506015	0,076	0,306
CHR5	2839788	CHR5:2839788	SSF x Far_LoA	-9,66823631	-0,135	0,304
CHR5	28398030	CHR5:28398030	SSF x Far_LoA	-11,2983526	0,097	0,315
CHR5	28404563	CHR5:28404563	SSF x Far_LoA	-11,7051473	0,057	0,316
CHR5	28411332	CHR5:28411332	SSF x Far_LoA	-9,7058692	0,062	0,306
CHR5	28411568	CHR5:28411568	SSF x Far_LoA	-10,1165395	0,014	0,312
CHR5	28411580	CHR5:28411580	SSF x Far_LoA	-10,6282712	-0,012	0,309
CHR5	28414186	CHR5:28414186	SSF x Far_LoA	-11,7862934	-0,016	0,307
CHR5	28414234	CHR5:28414234	SSF x Far_LoA	-10,8646144	-0,012	0,318

CHR5	28414557	CHR5:28414557	SSF x Far_LoA	-8,00319692	0,074	0,312
CHR5	28414571	CHR5:28414571	SSF x Far_LoA	-5,72390118	-0,036	0,306
CHR5	28414592	CHR5:28414592	SSF x Far_LoA	-4,84888724	0,105	0,315
CHR5	28420297	CHR5:28420297	SSF x Far_LoA	-5,15220476	-0,020	0,320
CHR5	28420323	CHR5:28420323	SSF x Far_LoA	-8,66731533	0,094	0,307
CHR5	28420477	CHR5:28420477	SSF x Far_LoA	-8,33499886	0,019	0,314
CHR5	28420496	CHR5:28420496	SSF x Far_LoA	-12,3316189	-0,019	0,308
CHR5	28420504	CHR5:28420504	SSF x Far_LoA	-10,6845762	-0,052	0,310
CHR5	28420514	CHR5:28420514	SSF x Far_LoA	-11,0126306	-0,077	0,298
CHR5	2842647	CHR5:2842647	SSF x Far_LoA	-7,34830457	-0,123	0,319
CHR5	28432542	CHR5:28432542	SSF x Far_LoA	-9,40623468	0,003	0,310
CHR5	28432569	CHR5:28432569	SSF x Far_LoA	-8,66444338	-0,072	0,299
CHR5	28432583	CHR5:28432583	SSF x Far_LoA	-8,73229775	-0,005	0,311
CHR5	28432623	CHR5:28432623	SSF x Far_LoA	-6,90860584	-0,128	0,292
CHR5	28435000	CHR5:28435000	SSF x Far_LoA	-9,44842803	-0,030	0,317
CHR5	28435125	CHR5:28435125	SSF x Far_LoA	-8,58029219	0,082	0,296
CHR5	28435147	CHR5:28435147	SSF x Far_LoA	-9,19030691	0,091	0,297
CHR5	28435178	CHR5:28435178	SSF x Far_LoA	-8,55166817	0,013	0,309
CHR5	28440908	CHR5:28440908	SSF x Far_LoA	-7,53452097	-0,113	0,299
CHR5	28440964	CHR5:28440964	SSF x Far_LoA	-9,37621289	-0,096	0,298
CHR5	28440968	CHR5:28440968	SSF x Far_LoA	-10,2619787	-0,057	0,311
CHR5	28440994	CHR5:28440994	SSF x Far_LoA	-10,401886	-0,051	0,311
CHR5	28440998	CHR5:28440998	SSF x Far_LoA	-7,65692942	-0,085	0,311
CHR5	28441019	CHR5:28441019	SSF x Far_LoA	-8,51074443	0,079	0,303
CHR5	28441040	CHR5:28441040	SSF x Far_LoA	-8,78959442	-0,037	0,322
CHR5	28441052	CHR5:28441052	SSF x Far_LoA	-11,1925085	-0,027	0,303
CHR5	28441071	CHR5:28441071	SSF x Far_LoA	10,7403189	-0,168	0,294
CHR5	28441103	CHR5:28441103	SSF x Far_LoA	-7,57330262	0,121	0,284
CHR5	28443633	CHR5:28443633	SSF x Far_LoA	-8,36764464	0,110	0,308
CHR5	28443795	CHR5:28443795	SSF x Far_LoA	-5,91305712	-0,051	0,309
CHR5	28443822	CHR5:28443822	SSF x Far_LoA	-9,35553696	-0,051	0,302
CHR5	28445484	CHR5:28445484	SSF x Far_LoA	-10,533127	-0,029	0,296
CHR5	28445551	CHR5:28445551	SSF x Far_LoA	-4,96962834	-0,071	0,310
CHR5	28445591	CHR5:28445591	SSF x Far_LoA	-8,33533708	-0,003	0,318
CHR5	28445642	CHR5:28445642	SSF x Far_LoA	-9,29605428	0,011	0,301
CHR5	28445654	CHR5:28445654	SSF x Far_LoA	-9,94819269	0,094	0,302
CHR5	28445723	CHR5:28445723	SSF x Far_LoA	-7,71873794	0,116	0,293
CHR5	28448807	CHR5:28448807	SSF x Far_LoA	-5,56941415	-0,020	0,317
CHR5	28448858	CHR5:28448858	SSF x Far_LoA	-8,95099198	-0,013	0,299
CHR5	28449031	CHR5:28449031	SSF x Far_LoA	-12,0126026	0,044	0,299
CHR5	28449051	CHR5:28449051	SSF x Far_LoA	-8,6117357	-0,020	0,313
CHR5	28450544	CHR5:28450544	SSF x Far_LoA	-9,4997261	-0,063	0,315
CHR5	28450576	CHR5:28450576	SSF x Far_LoA	-8,16340908	-0,114	0,314
CHR5	28453764	CHR5:28453764	SSF x Far_LoA	-7,09727302	-0,134	0,301
CHR5	28453788	CHR5:28453788	SSF x Far_LoA	-6,1220655	0,104	0,304
CHR5	28454141	CHR5:28454141	SSF x Far_LoA	-11,2840582	0,011	0,310
CHR5	28474634	CHR5:28474634	SSF x Far_LoA	-11,597327	-0,092	0,299
CHR5	28474661	CHR5:28474661	SSF x Far_LoA	-8,61421164	-0,135	0,309
CHR5	28474753	CHR5:28474753	SSF x Far_LoA	-8,33511415	-0,084	0,311
CHR5	28474876	CHR5:28474876	SSF x Far_LoA	-4,42961404	-0,086	0,315
CHR5	28484901	CHR5:28484901	SSF x Far_LoA	-8,4448264	-0,080	0,312
CHR5	28485110	CHR5:28485110	SSF x Far_LoA	-5,65321156	0,210	0,298
CHR5	28485118	CHR5:28485118	SSF x Far_LoA	-9,01606318	0,174	0,306

CHR5	28487744	CHR5:28487744	SSF x Far_LoA	-8,40447204	-0,168	0,308
CHR5	28502563	CHR5:28502563	SSF x Far_LoA	-8,16331653	0,060	0,318
CHR5	28509597	CHR5:28509597	SSF x Far_LoA	-7,91877188	-0,063	0,316
CHR5	28509688	CHR5:28509688	SSF x Far_LoA	-9,67629752	-0,004	0,307
CHR5	28517706	CHR5:28517706	SSF x Far_LoA	-10,7203749	-0,075	0,288
CHR5	28517760	CHR5:28517760	SSF x Far_LoA	-7,50028364	0,000	0,315
CHR5	28522463	CHR5:28522463	SSF x Far_LoA	-8,088964	0,042	0,305
CHR5	28522466	CHR5:28522466	SSF x Far_LoA	-3,75142413	-0,045	0,310
CHR5	2852566	CHR5:2852566	SSF x Far_LoA	-8,77858909	0,011	0,318
CHR5	2852729	CHR5:2852729	SSF x Far_LoA	-8,83128596	-0,051	0,299
CHR5	28529584	CHR5:28529584	SSF x Far_LoA	-7,6944147	0,002	0,310
CHR5	28544031	CHR5:28544031	SSF x Far_LoA	-9,8778697	-0,116	0,306
CHR5	28544032	CHR5:28544032	SSF x Far_LoA	-9,43498116	-0,111	0,299
CHR5	28544151	CHR5:28544151	SSF x Far_LoA	-7,72266659	0,081	0,303
CHR5	28544179	CHR5:28544179	SSF x Far_LoA	-9,22896066	-0,098	0,309
CHR5	28544180	CHR5:28544180	SSF x Far_LoA	-9,08640364	-0,099	0,312
CHR5	28544197	CHR5:28544197	SSF x Far_LoA	0,75978774	0,022	0,297
CHR5	28544209	CHR5:28544209	SSF x Far_LoA	-7,63789933	0,031	0,304
CHR5	28544275	CHR5:28544275	SSF x Far_LoA	-7,48227523	-0,098	0,298
CHR5	28563490	CHR5:28563490	SSF x Far_LoA	-4,5966918	0,090	0,307
CHR5	28563513	CHR5:28563513	SSF x Far_LoA	-9,14979671	-0,100	0,299
CHR5	28563545	CHR5:28563545	SSF x Far_LoA	-10,7449517	0,001	0,303
CHR5	28563549	CHR5:28563549	SSF x Far_LoA	-9,38438277	-0,011	0,306
CHR5	2856596	CHR5:2856596	SSF x Far_LoA	-7,73013641	-0,048	0,311
CHR5	2856663	CHR5:2856663	SSF x Far_LoA	-11,024367	0,063	0,301
CHR5	28568018	CHR5:28568018	SSF x Far_LoA	-10,5703687	0,029	0,312
CHR5	2856806	CHR5:2856806	SSF x Far_LoA	-7,35095442	-0,087	0,305
CHR5	28568153	CHR5:28568153	SSF x Far_LoA	-12,0349655	-0,098	0,305
CHR5	28568202	CHR5:28568202	SSF x Far_LoA	-12,0419991	0,018	0,309
CHR5	28600029	CHR5:28600029	SSF x Far_LoA	-8,70043432	-0,064	0,288
CHR5	28600964	CHR5:28600964	SSF x Far_LoA	-10,9712682	-0,062	0,306
CHR5	28601076	CHR5:28601076	SSF x Far_LoA	-7,12784862	0,115	0,299
CHR5	28601078	CHR5:28601078	SSF x Far_LoA	-8,84534067	0,051	0,303
CHR5	28602077	CHR5:28602077	SSF x Far_LoA	-9,05959095	-0,159	0,298
CHR5	28609611	CHR5:28609611	SSF x Far_LoA	-7,25957749	0,107	0,299
CHR5	28609632	CHR5:28609632	SSF x Far_LoA	-8,14821115	0,009	0,310
CHR5	28609643	CHR5:28609643	SSF x Far_LoA	-7,62667462	0,031	0,315
CHR5	28609686	CHR5:28609686	SSF x Far_LoA	-9,24322722	0,001	0,318
CHR5	28609700	CHR5:28609700	SSF x Far_LoA	-4,12406794	-0,132	0,316
CHR5	28609789	CHR5:28609789	SSF x Far_LoA	-8,21915157	0,089	0,305
CHR5	28609790	CHR5:28609790	SSF x Far_LoA	-9,18793664	-0,025	0,303
CHR5	28609794	CHR5:28609794	SSF x Far_LoA	-11,3038042	-0,050	0,312
CHR5	28609815	CHR5:28609815	SSF x Far_LoA	-8,75499582	0,015	0,317
CHR5	28609919	CHR5:28609919	SSF x Far_LoA	-2,21466427	0,138	0,316
CHR5	28614885	CHR5:28614885	SSF x Far_LoA	-10,2534616	-0,011	0,303
CHR5	28621382	CHR5:28621382	SSF x Far_LoA	-11,4006905	0,005	0,305
CHR5	28621442	CHR5:28621442	SSF x Far_LoA	-8,47670857	-0,017	0,302
CHR5	28621451	CHR5:28621451	SSF x Far_LoA	-11,9821898	-0,004	0,300
CHR5	28621463	CHR5:28621463	SSF x Far_LoA	-11,9361746	0,034	0,305
CHR5	28621487	CHR5:28621487	SSF x Far_LoA	-7,15594404	0,056	0,292
CHR5	28621492	CHR5:28621492	SSF x Far_LoA	-6,02066854	-0,108	0,300
CHR5	28621548	CHR5:28621548	SSF x Far_LoA	-8,67990993	-0,074	0,302
CHR5	28621559	CHR5:28621559	SSF x Far_LoA	-8,56900739	0,010	0,307

CHR5	28621585	CHR5:28621585	SSF x Far_LoA	-4,97133348	0,142	0,310
CHR5	28621604	CHR5:28621604	SSF x Far_LoA	-9,26799587	0,008	0,315
CHR5	28621642	CHR5:28621642	SSF x Far_LoA	-8,86396136	0,053	0,302
CHR5	28621644	CHR5:28621644	SSF x Far_LoA	-10,0803522	0,000	0,305
CHR5	28624128	CHR5:28624128	SSF x Far_LoA	-11,0248409	0,061	0,308
CHR5	28624458	CHR5:28624458	SSF x Far_LoA	-8,73635459	0,097	0,311
CHR5	28625545	CHR5:28625545	SSF x Far_LoA	-9,36530092	-0,039	0,309
CHR5	28625604	CHR5:28625604	SSF x Far_LoA	-10,2261504	0,009	0,311
CHR5	28625611	CHR5:28625611	SSF x Far_LoA	-9,87580297	-0,006	0,306
CHR5	28625614	CHR5:28625614	SSF x Far_LoA	-9,31087631	-0,001	0,325
CHR5	28625618	CHR5:28625618	SSF x Far_LoA	-9,04256942	-0,010	0,312
CHR5	28625725	CHR5:28625725	SSF x Far_LoA	-5,29069122	-0,019	0,307
CHR5	28631788	CHR5:28631788	SSF x Far_LoA	-8,42981057	-0,113	0,288
CHR5	28649497	CHR5:28649497	SSF x Far_LoA	-7,6115604	-0,138	0,309
CHR5	28649538	CHR5:28649538	SSF x Far_LoA	-8,08933594	0,049	0,319
CHR5	28649539	CHR5:28649539	SSF x Far_LoA	-5,95152386	-0,156	0,309
CHR5	28649552	CHR5:28649552	SSF x Far_LoA	-9,78690446	0,029	0,307
CHR5	28649567	CHR5:28649567	SSF x Far_LoA	-8,38746905	0,014	0,303
CHR5	28649586	CHR5:28649586	SSF x Far_LoA	-10,3992922	0,063	0,298
CHR5	28649696	CHR5:28649696	SSF x Far_LoA	-10,1377357	0,048	0,317
CHR5	28649740	CHR5:28649740	SSF x Far_LoA	-5,31504134	-0,134	0,311
CHR5	28655181	CHR5:28655181	SSF x Far_LoA	-10,0007598	0,017	0,304
CHR5	28655226	CHR5:28655226	SSF x Far_LoA	-5,89068529	0,103	0,307
CHR5	28655258	CHR5:28655258	SSF x Far_LoA	-11,3887765	0,019	0,305
CHR5	28660827	CHR5:28660827	SSF x Far_LoA	-11,4589674	0,039	0,301
CHR5	2866673	CHR5:2866673	SSF x Far_LoA	-9,2666374	0,052	0,303
CHR5	2866832	CHR5:2866832	SSF x Far_LoA	-9,88760975	-0,013	0,307
CHR5	28672416	CHR5:28672416	SSF x Far_LoA	-10,3931515	0,068	0,299
CHR5	28676800	CHR5:28676800	SSF x Far_LoA	-10,5454132	0,023	0,284
CHR5	28680493	CHR5:28680493	SSF x Far_LoA	-10,2678269	-0,076	0,320
CHR5	28680527	CHR5:28680527	SSF x Far_LoA	-10,1879743	-0,061	0,311
CHR5	28680555	CHR5:28680555	SSF x Far_LoA	-3,71952135	0,168	0,303
CHR5	28680574	CHR5:28680574	SSF x Far_LoA	-8,13141637	0,077	0,315
CHR5	28680621	CHR5:28680621	SSF x Far_LoA	-8,82565241	0,039	0,307
CHR5	28680637	CHR5:28680637	SSF x Far_LoA	-9,06567343	0,079	0,293
CHR5	28680645	CHR5:28680645	SSF x Far_LoA	-10,7984958	-0,038	0,297
CHR5	28680647	CHR5:28680647	SSF x Far_LoA	-8,16770319	0,075	0,316
CHR5	28680699	CHR5:28680699	SSF x Far_LoA	-8,60957718	0,052	0,305
CHR5	28680734	CHR5:28680734	SSF x Far_LoA	-4,64370036	-0,071	0,310
CHR5	28680739	CHR5:28680739	SSF x Far_LoA	-8,30755928	-0,062	0,310
CHR5	28687687	CHR5:28687687	SSF x Far_LoA	-7,81201585	0,148	0,300
CHR5	28687735	CHR5:28687735	SSF x Far_LoA	-6,28130321	0,077	0,310
CHR5	28687771	CHR5:28687771	SSF x Far_LoA	-11,8786137	-0,071	0,305
CHR5	28687797	CHR5:28687797	SSF x Far_LoA	-7,04586559	-0,113	0,303
CHR5	28688001	CHR5:28688001	SSF x Far_LoA	-10,5345701	0,039	0,315
CHR5	28696948	CHR5:28696948	SSF x Far_LoA	-9,72142649	-0,040	0,307
CHR5	28697096	CHR5:28697096	SSF x Far_LoA	-10,3412761	-0,004	0,295
CHR5	28699083	CHR5:28699083	SSF x Far_LoA	-7,92639142	0,005	0,299
CHR5	28704167	CHR5:28704167	SSF x Far_LoA	-8,23581089	0,101	0,313
CHR5	28704299	CHR5:28704299	SSF x Far_LoA	-8,82290749	0,044	0,312
CHR5	28704348	CHR5:28704348	SSF x Far_LoA	-9,54583161	0,096	0,305
CHR5	28707224	CHR5:28707224	SSF x Far_LoA	-11,2523726	0,017	0,318
CHR5	28707273	CHR5:28707273	SSF x Far_LoA	-10,7111425	-0,090	0,303

CHR5	28707319	CHR5:28707319	SSF x Far_LoA	-9,52648643	0,026	0,319
CHR5	28718276	CHR5:28718276	SSF x Far_LoA	-9,94671398	-0,023	0,306
CHR5	28718495	CHR5:28718495	SSF x Far_LoA	-10,7502547	-0,082	0,321
CHR5	28718526	CHR5:28718526	SSF x Far_LoA	-8,65388082	0,062	0,316
CHR5	28722807	CHR5:28722807	SSF x Far_LoA	-5,85700542	-0,199	0,304
CHR5	28722965	CHR5:28722965	SSF x Far_LoA	-12,1926126	0,017	0,297
CHR5	28754596	CHR5:28754596	SSF x Far_LoA	-8,52185149	-0,038	0,307
CHR5	28757996	CHR5:28757996	SSF x Far_LoA	-7,96889395	0,045	0,306
CHR5	28758019	CHR5:28758019	SSF x Far_LoA	-6,39283012	0,075	0,302
CHR5	28758123	CHR5:28758123	SSF x Far_LoA	-10,8845949	-0,044	0,312
CHR5	28761958	CHR5:28761958	SSF x Far_LoA	7,63147261	-0,075	0,306
CHR5	28761966	CHR5:28761966	SSF x Far_LoA	-7,72033036	-0,084	0,298
CHR5	28761987	CHR5:28761987	SSF x Far_LoA	-7,09459063	-0,054	0,309
CHR5	28761988	CHR5:28761988	SSF x Far_LoA	-8,78042532	-0,091	0,305
CHR5	28761989	CHR5:28761989	SSF x Far_LoA	-8,77241009	-0,050	0,307
CHR5	28761990	CHR5:28761990	SSF x Far_LoA	-8,9272028	-0,069	0,300
CHR5	28762016	CHR5:28762016	SSF x Far_LoA	-9,9218159	-0,029	0,302
CHR5	28763969	CHR5:28763969	SSF x Far_LoA	-9,31596342	-0,089	0,312
CHR5	28764007	CHR5:28764007	SSF x Far_LoA	-10,4711723	-0,091	0,300
CHR5	28764029	CHR5:28764029	SSF x Far_LoA	-9,5724164	0,058	0,309
CHR5	28764047	CHR5:28764047	SSF x Far_LoA	-10,1905864	0,076	0,307
CHR5	28764099	CHR5:28764099	SSF x Far_LoA	-8,27945623	-0,120	0,319
CHR5	28764138	CHR5:28764138	SSF x Far_LoA	-8,4894845	0,087	0,313
CHR5	28764202	CHR5:28764202	SSF x Far_LoA	-10,5985828	0,113	0,312
CHR5	28775825	CHR5:28775825	SSF x Far_LoA	-5,85729729	0,151	0,305
CHR5	2877806	CHR5:2877806	SSF x Far_LoA	-8,10458858	-0,152	0,306
CHR5	28784064	CHR5:28784064	SSF x Far_LoA	-8,78709849	0,026	0,309
CHR5	28784114	CHR5:28784114	SSF x Far_LoA	-8,23245813	-0,121	0,297
CHR5	28785950	CHR5:28785950	SSF x Far_LoA	-10,5999905	0,034	0,291
CHR5	28785997	CHR5:28785997	SSF x Far_LoA	-11,4920857	-0,046	0,300
CHR5	2878941	CHR5:2878941	SSF x Far_LoA	-10,014004	0,011	0,302
CHR5	28789421	CHR5:28789421	SSF x Far_LoA	-8,91943466	-0,064	0,303
CHR5	28789449	CHR5:28789449	SSF x Far_LoA	-7,81899009	-0,105	0,301
CHR5	28789517	CHR5:28789517	SSF x Far_LoA	-9,35215664	-0,072	0,314
CHR5	28791020	CHR5:28791020	SSF x Far_LoA	-8,47359613	-0,127	0,302
CHR5	28791056	CHR5:28791056	SSF x Far_LoA	4,89965561	-0,112	0,303
CHR5	28791127	CHR5:28791127	SSF x Far_LoA	-10,8863157	0,083	0,302
CHR5	28808229	CHR5:28808229	SSF x Far_LoA	-8,30294324	-0,076	0,315
CHR5	28808267	CHR5:28808267	SSF x Far_LoA	-9,21498187	-0,163	0,312
CHR5	28814545	CHR5:28814545	SSF x Far_LoA	-7,17546922	0,144	0,301
CHR5	28814774	CHR5:28814774	SSF x Far_LoA	-8,96744916	-0,117	0,312
CHR5	28826098	CHR5:28826098	SSF x Far_LoA	-10,2381553	0,020	0,297
CHR5	28830937	CHR5:28830937	SSF x Far_LoA	-10,9358031	-0,036	0,289
CHR5	28830996	CHR5:28830996	SSF x Far_LoA	-7,7369955	-0,126	0,313
CHR5	28831023	CHR5:28831023	SSF x Far_LoA	-9,34968647	0,005	0,315
CHR5	28831110	CHR5:28831110	SSF x Far_LoA	-9,55244852	0,039	0,287
CHR5	2883991	CHR5:2883991	SSF x Far_LoA	-5,98002188	-0,149	0,319
CHR5	2884177	CHR5:2884177	SSF x Far_LoA	-8,82558479	0,018	0,309
CHR5	28846204	CHR5:28846204	SSF x Far_LoA	-10,650301	-0,013	0,319
CHR5	28846252	CHR5:28846252	SSF x Far_LoA	-7,84141386	0,057	0,316
CHR5	28846259	CHR5:28846259	SSF x Far_LoA	-11,995331	-0,013	0,304
CHR5	28846280	CHR5:28846280	SSF x Far_LoA	-9,27360849	0,054	0,307
CHR5	28857270	CHR5:28857270	SSF x Far_LoA	-8,8069025	0,006	0,308

CHR5	28857329	CHR5:28857329	SSF x Far_LoA	-10,1795169	-0,114	0,308
CHR5	28857392	CHR5:28857392	SSF x Far_LoA	-9,07754402	-0,023	0,314
CHR5	28857394	CHR5:28857394	SSF x Far_LoA	-10,2659178	0,000	0,312
CHR5	28857396	CHR5:28857396	SSF x Far_LoA	-3,90224193	-0,050	0,309
CHR5	28857408	CHR5:28857408	SSF x Far_LoA	-10,5841216	0,009	0,323
CHR5	28857755	CHR5:28857755	SSF x Far_LoA	-10,7991282	0,130	0,308
CHR5	28863464	CHR5:28863464	SSF x Far_LoA	-9,35909496	0,014	0,310
CHR5	28863571	CHR5:28863571	SSF x Far_LoA	-7,97429706	0,044	0,311
CHR5	28863595	CHR5:28863595	SSF x Far_LoA	-9,2091977	0,137	0,298
CHR5	28863685	CHR5:28863685	SSF x Far_LoA	-10,7335389	-0,001	0,317
CHR5	28866013	CHR5:28866013	SSF x Far_LoA	-6,06706413	-0,131	0,308
CHR5	28866136	CHR5:28866136	SSF x Far_LoA	-9,07866295	0,129	0,303
CHR5	28867977	CHR5:28867977	SSF x Far_LoA	-4,24590351	0,213	0,294
CHR5	28868012	CHR5:28868012	SSF x Far_LoA	-11,2822436	0,069	0,290
CHR5	28868015	CHR5:28868015	SSF x Far_LoA	-4,1249496	-0,144	0,305
CHR5	2887051	CHR5:2887051	SSF x Far_LoA	-10,334376	-0,002	0,305
CHR5	28878273	CHR5:28878273	SSF x Far_LoA	-9,11584553	0,039	0,318
CHR5	28889683	CHR5:28889683	SSF x Far_LoA	-10,2863708	0,066	0,311
CHR5	28889710	CHR5:28889710	SSF x Far_LoA	-5,77751167	-0,096	0,314
CHR5	28889751	CHR5:28889751	SSF x Far_LoA	-9,61323394	0,043	0,294
CHR5	28889758	CHR5:28889758	SSF x Far_LoA	-8,87587591	0,016	0,300
CHR5	28891174	CHR5:28891174	SSF x Far_LoA	-8,65297107	0,107	0,292
CHR5	28907783	CHR5:28907783	SSF x Far_LoA	-11,7813837	-0,026	0,303
CHR5	28907857	CHR5:28907857	SSF x Far_LoA	-9,95865113	-0,059	0,305
CHR5	28907949	CHR5:28907949	SSF x Far_LoA	-10,1897278	0,118	0,313
CHR5	28907974	CHR5:28907974	SSF x Far_LoA	-6,35597048	0,197	0,298
CHR5	28908009	CHR5:28908009	SSF x Far_LoA	-10,2089964	-0,052	0,299
CHR5	28912906	CHR5:28912906	SSF x Far_LoA	-9,83327793	0,126	0,306
CHR5	28912911	CHR5:28912911	SSF x Far_LoA	-8,42506742	0,111	0,300
CHR5	28912969	CHR5:28912969	SSF x Far_LoA	-10,0223957	-0,033	0,327
CHR5	28913122	CHR5:28913122	SSF x Far_LoA	-7,93579127	-0,031	0,324
CHR5	28915430	CHR5:28915430	SSF x Far_LoA	-6,71380342	0,108	0,303
CHR5	28915456	CHR5:28915456	SSF x Far_LoA	-10,2478224	-0,089	0,318
CHR5	28915608	CHR5:28915608	SSF x Far_LoA	-11,2673059	-0,083	0,308
CHR5	28919585	CHR5:28919585	SSF x Far_LoA	-10,0218569	-0,034	0,313
CHR5	28919659	CHR5:28919659	SSF x Far_LoA	-7,96267505	-0,111	0,301
CHR5	28919666	CHR5:28919666	SSF x Far_LoA	-8,26237767	-0,027	0,314
CHR5	28922015	CHR5:28922015	SSF x Far_LoA	-9,04038603	-0,112	0,307
CHR5	28931423	CHR5:28931423	SSF x Far_LoA	-3,90218496	-0,218	0,292
CHR5	28931469	CHR5:28931469	SSF x Far_LoA	-8,91662313	0,021	0,302
CHR5	28943643	CHR5:28943643	SSF x Far_LoA	-9,23481828	0,021	0,310
CHR5	28943656	CHR5:28943656	SSF x Far_LoA	-11,2318386	-0,043	0,300
CHR5	28949073	CHR5:28949073	SSF x Far_LoA	-10,1498493	-0,085	0,307
CHR5	28949075	CHR5:28949075	SSF x Far_LoA	-9,11755268	-0,100	0,311
CHR5	28949097	CHR5:28949097	SSF x Far_LoA	-8,53712375	-0,112	0,296
CHR5	28949144	CHR5:28949144	SSF x Far_LoA	-6,83685307	0,045	0,304
CHR5	28949158	CHR5:28949158	SSF x Far_LoA	-11,7673326	0,040	0,300
CHR5	28949177	CHR5:28949177	SSF x Far_LoA	-7,82086517	-0,001	0,298
CHR5	28949195	CHR5:28949195	SSF x Far_LoA	-9,17583992	-0,021	0,312
CHR5	28949212	CHR5:28949212	SSF x Far_LoA	-10,2197103	-0,016	0,302
CHR5	28949248	CHR5:28949248	SSF x Far_LoA	-5,19104482	-0,115	0,311
CHR5	28953325	CHR5:28953325	SSF x Far_LoA	-8,83762491	-0,021	0,309
CHR5	28958027	CHR5:28958027	SSF x Far_LoA	-9,13115667	0,134	0,297

CHR5	28958040	CHR5:28958040	SSF x Far_LoA	-11,648951	-0,013	0,303
CHR5	28958070	CHR5:28958070	SSF x Far_LoA	-10,0031846	-0,010	0,291
CHR5	28958100	CHR5:28958100	SSF x Far_LoA	-9,70433029	0,029	0,307
CHR5	28969815	CHR5:28969815	SSF x Far_LoA	-6,84395342	-0,180	0,287
CHR5	28980417	CHR5:28980417	SSF x Far_LoA	-8,04005407	-0,123	0,298
CHR5	28980479	CHR5:28980479	SSF x Far_LoA	7,85158864	0,168	0,295
CHR5	28980488	CHR5:28980488	SSF x Far_LoA	-10,6327749	-0,089	0,316
CHR5	28980664	CHR5:28980664	SSF x Far_LoA	-1,21961114	-0,014	0,315
CHR5	28999834	CHR5:28999834	SSF x Far_LoA	-11,6055074	0,023	0,307
CHR5	28999926	CHR5:28999926	SSF x Far_LoA	-8,01864285	0,118	0,302
CHR5	28999994	CHR5:28999994	SSF x Far_LoA	-10,6187868	0,073	0,292
CHR5	29000024	CHR5:29000024	SSF x Far_LoA	0,67287068	0,084	0,299
CHR5	29007769	CHR5:29007769	SSF x Far_LoA	-10,1632484	-0,052	0,319
CHR5	29007803	CHR5:29007803	SSF x Far_LoA	-10,4546553	0,000	0,308
CHR5	29007873	CHR5:29007873	SSF x Far_LoA	-8,81936551	-0,053	0,302
CHR5	29024540	CHR5:29024540	SSF x Far_LoA	-10,5188356	-0,133	0,317
CHR5	29024578	CHR5:29024578	SSF x Far_LoA	-10,0584589	-0,068	0,309
CHR5	29024589	CHR5:29024589	SSF x Far_LoA	-7,97325913	0,106	0,300
CHR5	29024604	CHR5:29024604	SSF x Far_LoA	-11,6170989	0,082	0,301
CHR5	29025311	CHR5:29025311	SSF x Far_LoA	-8,61626459	-0,056	0,288
CHR5	29035830	CHR5:29035830	SSF x Far_LoA	-8,54837723	-0,164	0,308
CHR5	29035839	CHR5:29035839	SSF x Far_LoA	-10,233896	-0,043	0,303
CHR5	29035862	CHR5:29035862	SSF x Far_LoA	-7,9059057	0,016	0,317
CHR5	29035864	CHR5:29035864	SSF x Far_LoA	-11,0290954	-0,103	0,311
CHR5	29035865	CHR5:29035865	SSF x Far_LoA	-11,8809005	-0,112	0,288
CHR5	29035876	CHR5:29035876	SSF x Far_LoA	-8,91827402	0,022	0,300
CHR5	29035934	CHR5:29035934	SSF x Far_LoA	-5,44959144	-0,198	0,300
CHR5	29037341	CHR5:29037341	SSF x Far_LoA	-8,86425144	-0,134	0,294
CHR5	29037365	CHR5:29037365	SSF x Far_LoA	-10,0638171	-0,013	0,325
CHR5	2904487	CHR5:2904487	SSF x Far_LoA	-7,66662771	-0,141	0,296
CHR5	29057324	CHR5:29057324	SSF x Far_LoA	-8,4509719	0,015	0,317
CHR5	29057348	CHR5:29057348	SSF x Far_LoA	-8,66213781	0,095	0,302
CHR5	29066424	CHR5:29066424	SSF x Far_LoA	-10,0435513	-0,053	0,296
CHR5	29066434	CHR5:29066434	SSF x Far_LoA	-4,37626701	0,165	0,301
CHR5	29066435	CHR5:29066435	SSF x Far_LoA	-7,62644012	-0,038	0,302
CHR5	29066438	CHR5:29066438	SSF x Far_LoA	-7,99776391	0,077	0,317
CHR5	29077586	CHR5:29077586	SSF x Far_LoA	-6,35083194	0,042	0,304
CHR5	29077673	CHR5:29077673	SSF x Far_LoA	-6,93249188	-0,115	0,296
CHR5	29077778	CHR5:29077778	SSF x Far_LoA	-10,8273078	-0,014	0,306
CHR5	29088867	CHR5:29088867	SSF x Far_LoA	-8,97542078	0,050	0,297
CHR5	29088891	CHR5:29088891	SSF x Far_LoA	-10,8512352	0,002	0,300
CHR5	29088922	CHR5:29088922	SSF x Far_LoA	-8,86996223	-0,072	0,301
CHR5	29088949	CHR5:29088949	SSF x Far_LoA	-7,46889516	-0,124	0,302
CHR5	29089934	CHR5:29089934	SSF x Far_LoA	-12,0275151	-0,056	0,302
CHR5	29090014	CHR5:29090014	SSF x Far_LoA	-9,35667444	0,021	0,313
CHR5	29091013	CHR5:29091013	SSF x Far_LoA	-6,78463674	-0,038	0,314
CHR5	29091053	CHR5:29091053	SSF x Far_LoA	-9,85439171	0,021	0,310
CHR5	29091096	CHR5:29091096	SSF x Far_LoA	-9,54592597	0,064	0,296
CHR5	29091210	CHR5:29091210	SSF x Far_LoA	-10,2126605	-0,005	0,308
CHR5	29095063	CHR5:29095063	SSF x Far_LoA	-6,33155904	0,027	0,314
CHR5	29100729	CHR5:29100729	SSF x Far_LoA	-8,48895178	-0,054	0,285
CHR5	29100746	CHR5:29100746	SSF x Far_LoA	-10,0988771	0,162	0,300
CHR5	29100819	CHR5:29100819	SSF x Far_LoA	-8,00886869	-0,080	0,300

CHR5	29100820	CHR5:29100820	SSF x Far_LoA	-10,8958364	-0,005	0,308
CHR5	29100848	CHR5:29100848	SSF x Far_LoA	-8,78373299	-0,084	0,304
CHR5	29100917	CHR5:29100917	SSF x Far_LoA	-9,90047748	0,044	0,306
CHR5	29100945	CHR5:29100945	SSF x Far_LoA	-10,4111861	0,132	0,306
CHR5	29103227	CHR5:29103227	SSF x Far_LoA	-8,74764347	-0,063	0,299
CHR5	29110461	CHR5:29110461	SSF x Far_LoA	-8,11115383	-0,009	0,322
CHR5	29110703	CHR5:29110703	SSF x Far_LoA	-7,1335672	-0,089	0,307
CHR5	29115575	CHR5:29115575	SSF x Far_LoA	-8,79501243	-0,006	0,321
CHR5	29115603	CHR5:29115603	SSF x Far_LoA	-9,49009707	-0,041	0,298
CHR5	29120314	CHR5:29120314	SSF x Far_LoA	-10,8745807	-0,031	0,302
CHR5	29120459	CHR5:29120459	SSF x Far_LoA	-6,51306848	-0,088	0,300
CHR5	29120508	CHR5:29120508	SSF x Far_LoA	-7,34293501	-0,009	0,308
CHR5	29126328	CHR5:29126328	SSF x Far_LoA	-7,76449663	-0,136	0,304
CHR5	29126361	CHR5:29126361	SSF x Far_LoA	-9,56738741	-0,100	0,305
CHR5	29126365	CHR5:29126365	SSF x Far_LoA	-9,26649104	0,049	0,320
CHR5	29126373	CHR5:29126373	SSF x Far_LoA	-8,61782401	0,116	0,305
CHR5	29126468	CHR5:29126468	SSF x Far_LoA	-8,83457435	-0,043	0,316
CHR5	29132233	CHR5:29132233	SSF x Far_LoA	-9,7277902	0,016	0,292
CHR5	29132255	CHR5:29132255	SSF x Far_LoA	-10,6580049	-0,008	0,297
CHR5	29132451	CHR5:29132451	SSF x Far_LoA	-7,41385004	0,124	0,299
CHR5	29132479	CHR5:29132479	SSF x Far_LoA	-7,13407335	-0,159	0,307
CHR5	29146926	CHR5:29146926	SSF x Far_LoA	-11,3314017	0,064	0,304
CHR5	29147128	CHR5:29147128	SSF x Far_LoA	-8,8396698	0,009	0,311
CHR5	29147170	CHR5:29147170	SSF x Far_LoA	-9,96252814	0,107	0,295
CHR5	29147191	CHR5:29147191	SSF x Far_LoA	-8,99867255	-0,037	0,311
CHR5	29156955	CHR5:29156955	SSF x Far_LoA	-9,0177182	0,042	0,303
CHR5	29166933	CHR5:29166933	SSF x Far_LoA	-7,88266912	0,067	0,318
CHR5	29167047	CHR5:29167047	SSF x Far_LoA	-9,85939918	0,001	0,291
CHR5	29167120	CHR5:29167120	SSF x Far_LoA	-9,6098597	0,010	0,307
CHR5	29172921	CHR5:29172921	SSF x Far_LoA	-9,45477969	-0,005	0,304
CHR5	29177102	CHR5:29177102	SSF x Far_LoA	-8,99202084	0,059	0,309
CHR5	29177125	CHR5:29177125	SSF x Far_LoA	-10,559116	0,078	0,301
CHR5	29177140	CHR5:29177140	SSF x Far_LoA	-8,42867438	-0,014	0,326
CHR5	29177150	CHR5:29177150	SSF x Far_LoA	-10,2884666	0,032	0,310
CHR5	29177202	CHR5:29177202	SSF x Far_LoA	-9,1019038	-0,006	0,304
CHR5	29177214	CHR5:29177214	SSF x Far_LoA	-12,0262886	0,047	0,310
CHR5	29177226	CHR5:29177226	SSF x Far_LoA	-8,86879474	-0,039	0,301
CHR5	29177229	CHR5:29177229	SSF x Far_LoA	-7,67949902	0,140	0,293
CHR5	29177246	CHR5:29177246	SSF x Far_LoA	-8,68082305	0,073	0,307
CHR5	29177293	CHR5:29177293	SSF x Far_LoA	-9,10201927	-0,063	0,311
CHR5	29177309	CHR5:29177309	SSF x Far_LoA	-7,78137208	-0,002	0,325
CHR5	29186187	CHR5:29186187	SSF x Far_LoA	-11,3949222	0,024	0,310
CHR5	29186195	CHR5:29186195	SSF x Far_LoA	-10,0271809	0,051	0,310
CHR5	29186297	CHR5:29186297	SSF x Far_LoA	-9,78244953	-0,062	0,305
CHR5	29186328	CHR5:29186328	SSF x Far_LoA	-7,97086703	0,051	0,306
CHR5	29186347	CHR5:29186347	SSF x Far_LoA	-6,01781809	0,107	0,300
CHR5	29186389	CHR5:29186389	SSF x Far_LoA	-5,59632949	-0,212	0,287
CHR5	29206758	CHR5:29206758	SSF x Far_LoA	-7,4230875	0,090	0,314
CHR5	29206785	CHR5:29206785	SSF x Far_LoA	-1,03803012	-0,086	0,306
CHR5	29206880	CHR5:29206880	SSF x Far_LoA	-9,87876595	-0,040	0,319
CHR5	29211841	CHR5:29211841	SSF x Far_LoA	-9,42285639	-0,037	0,318
CHR5	29211957	CHR5:29211957	SSF x Far_LoA	-0,00306524	0,219	0,305
CHR5	29215363	CHR5:29215363	SSF x Far_LoA	-11,3699675	-0,020	0,302

CHR5	29215529	CHR5:29215529	SSF x Far_LoA	-10,6344188	0,009	0,301
CHR5	29215560	CHR5:29215560	SSF x Far_LoA	-9,65120196	0,032	0,309
CHR5	29220754	CHR5:29220754	SSF x Far_LoA	-7,9044924	0,099	0,313
CHR5	29220802	CHR5:29220802	SSF x Far_LoA	-8,17259277	-0,039	0,305
CHR5	29221072	CHR5:29221072	SSF x Far_LoA	-11,411294	0,113	0,300
CHR5	29223587	CHR5:29223587	SSF x Far_LoA	-8,11779334	-0,185	0,306
CHR5	29223589	CHR5:29223589	SSF x Far_LoA	-7,28509738	0,111	0,297
CHR5	29229375	CHR5:29229375	SSF x Far_LoA	-9,88996755	0,038	0,315
CHR5	29242598	CHR5:29242598	SSF x Far_LoA	-11,4368322	-0,016	0,303
CHR5	29247435	CHR5:29247435	SSF x Far_LoA	-9,66880338	0,082	0,315
CHR5	29247477	CHR5:29247477	SSF x Far_LoA	-6,10672323	-0,085	0,312
CHR5	29247531	CHR5:29247531	SSF x Far_LoA	-9,88834628	-0,042	0,318
CHR5	29247553	CHR5:29247553	SSF x Far_LoA	-8,93848238	0,067	0,310
CHR5	29247565	CHR5:29247565	SSF x Far_LoA	-9,61448607	0,042	0,298
CHR5	29249476	CHR5:29249476	SSF x Far_LoA	-9,5458379	0,125	0,294
CHR5	29253682	CHR5:29253682	SSF x Far_LoA	-7,36557007	-0,075	0,303
CHR5	29253802	CHR5:29253802	SSF x Far_LoA	-6,21964985	0,116	0,295
CHR5	29253818	CHR5:29253818	SSF x Far_LoA	-9,95053627	-0,042	0,295
CHR5	29253834	CHR5:29253834	SSF x Far_LoA	-8,4892557	-0,071	0,299
CHR5	29264604	CHR5:29264604	SSF x Far_LoA	-9,40641141	-0,005	0,320
CHR5	29264683	CHR5:29264683	SSF x Far_LoA	-9,58685048	-0,109	0,320
CHR5	29269346	CHR5:29269346	SSF x Far_LoA	-8,97042276	-0,008	0,313
CHR5	29276355	CHR5:29276355	SSF x Far_LoA	-11,8130684	0,063	0,305
CHR5	29276486	CHR5:29276486	SSF x Far_LoA	-9,07056833	0,073	0,292
CHR5	29290967	CHR5:29290967	SSF x Far_LoA	-10,1591691	-0,148	0,307
CHR5	29290969	CHR5:29290969	SSF x Far_LoA	-4,54935376	-0,124	0,307
CHR5	29291016	CHR5:29291016	SSF x Far_LoA	-7,27803203	0,012	0,307
CHR5	29291051	CHR5:29291051	SSF x Far_LoA	-10,0190725	-0,093	0,294
CHR5	29307058	CHR5:29307058	SSF x Far_LoA	-9,3533978	-0,115	0,298
CHR5	29307169	CHR5:29307169	SSF x Far_LoA	-10,4133029	0,088	0,311
CHR5	29309063	CHR5:29309063	SSF x Far_LoA	-8,9762751	-0,132	0,314
CHR5	29309080	CHR5:29309080	SSF x Far_LoA	-10,2190179	-0,113	0,312
CHR5	29309095	CHR5:29309095	SSF x Far_LoA	-8,24395958	-0,191	0,302
CHR5	29311452	CHR5:29311452	SSF x Far_LoA	-8,65256705	0,016	0,302
CHR5	29311463	CHR5:29311463	SSF x Far_LoA	-8,1439637	-0,007	0,302
CHR5	29312152	CHR5:29312152	SSF x Far_LoA	-9,68183411	-0,142	0,305
CHR5	29323568	CHR5:29323568	SSF x Far_LoA	-8,63031471	0,057	0,308
CHR5	29323589	CHR5:29323589	SSF x Far_LoA	-11,1750756	-0,004	0,288
CHR5	29323594	CHR5:29323594	SSF x Far_LoA	-9,52358847	0,038	0,313
CHR5	29323655	CHR5:29323655	SSF x Far_LoA	-5,76961134	0,208	0,278
CHR5	29323664	CHR5:29323664	SSF x Far_LoA	-9,29984544	0,055	0,295
CHR5	29323774	CHR5:29323774	SSF x Far_LoA	-11,536827	0,006	0,296
CHR5	29331886	CHR5:29331886	SSF x Far_LoA	-8,76510357	-0,038	0,305
CHR5	29331916	CHR5:29331916	SSF x Far_LoA	-3,13100828	0,056	0,301
CHR5	29332602	CHR5:29332602	SSF x Far_LoA	-10,9296232	-0,020	0,308
CHR5	29332642	CHR5:29332642	SSF x Far_LoA	-11,1862038	0,065	0,297
CHR5	29349531	CHR5:29349531	SSF x Far_LoA	-8,58363092	-0,079	0,312
CHR5	29349894	CHR5:29349894	SSF x Far_LoA	-9,08649115	0,122	0,304
CHR5	29382833	CHR5:29382833	SSF x Far_LoA	-9,26735098	-0,005	0,307
CHR5	29382927	CHR5:29382927	SSF x Far_LoA	-6,84802346	0,077	0,312
CHR5	29382991	CHR5:29382991	SSF x Far_LoA	-8,12487157	0,108	0,316
CHR5	29383008	CHR5:29383008	SSF x Far_LoA	-5,99997537	0,069	0,316
CHR5	29385657	CHR5:29385657	SSF x Far_LoA	-10,4670893	0,029	0,298

CHR5	29390381	CHR5:29390381	SSF x Far_LoA	-8,46650099	0,188	0,294
CHR5	29390640	CHR5:29390640	SSF x Far_LoA	-5,67858473	0,184	0,295
CHR5	29393899	CHR5:29393899	SSF x Far_LoA	-7,80239242	0,055	0,294
CHR5	29398753	CHR5:29398753	SSF x Far_LoA	-4,57269858	-0,073	0,301
CHR5	29398909	CHR5:29398909	SSF x Far_LoA	-7,24564353	0,014	0,316
CHR5	29398980	CHR5:29398980	SSF x Far_LoA	-10,2214745	-0,043	0,298
CHR5	29399016	CHR5:29399016	SSF x Far_LoA	-9,49724547	-0,085	0,302
CHR5	29401890	CHR5:29401890	SSF x Far_LoA	-8,31067583	-0,091	0,304
CHR5	29401904	CHR5:29401904	SSF x Far_LoA	-10,5843687	0,031	0,310
CHR5	29407649	CHR5:29407649	SSF x Far_LoA	-7,85667439	0,083	0,313
CHR5	29407683	CHR5:29407683	SSF x Far_LoA	-7,7862904	-0,051	0,315
CHR5	29407721	CHR5:29407721	SSF x Far_LoA	-3,50981315	0,194	0,293
CHR5	29407735	CHR5:29407735	SSF x Far_LoA	-9,61783198	-0,065	0,307
CHR5	29407743	CHR5:29407743	SSF x Far_LoA	-9,95715685	-0,019	0,312
CHR5	29407766	CHR5:29407766	SSF x Far_LoA	-11,3529454	-0,015	0,290
CHR5	29407796	CHR5:29407796	SSF x Far_LoA	-9,88275478	-0,086	0,305
CHR5	29407813	CHR5:29407813	SSF x Far_LoA	-5,87168682	0,228	0,302
CHR5	29407821	CHR5:29407821	SSF x Far_LoA	-7,94623609	-0,189	0,285
CHR5	29407825	CHR5:29407825	SSF x Far_LoA	-5,91901169	0,187	0,311
CHR5	29407831	CHR5:29407831	SSF x Far_LoA	-6,99541524	0,177	0,296
CHR5	29421159	CHR5:29421159	SSF x Far_LoA	-11,1199532	0,004	0,317
CHR5	29426654	CHR5:29426654	SSF x Far_LoA	-9,06682963	-0,004	0,313
CHR5	2942874	CHR5:2942874	SSF x Far_LoA	-10,0005695	0,044	0,287
CHR5	2942875	CHR5:2942875	SSF x Far_LoA	-10,7966334	0,023	0,292
CHR5	2942904	CHR5:2942904	SSF x Far_LoA	-8,20706331	0,117	0,302
CHR5	29431291	CHR5:29431291	SSF x Far_LoA	-12,1660455	-0,034	0,305
CHR5	29431381	CHR5:29431381	SSF x Far_LoA	-8,53944385	-0,080	0,308
CHR5	29431415	CHR5:29431415	SSF x Far_LoA	-9,75675769	0,040	0,299
CHR5	29431904	CHR5:29431904	SSF x Far_LoA	-5,37187501	-0,069	0,283
CHR5	29431917	CHR5:29431917	SSF x Far_LoA	-10,372639	0,009	0,296
CHR5	29435098	CHR5:29435098	SSF x Far_LoA	-8,8849438	0,104	0,307
CHR5	29435133	CHR5:29435133	SSF x Far_LoA	-9,46742883	-0,039	0,325
CHR5	29435143	CHR5:29435143	SSF x Far_LoA	-8,27218615	-0,070	0,307
CHR5	29435189	CHR5:29435189	SSF x Far_LoA	-5,32641217	0,190	0,306
CHR5	29452769	CHR5:29452769	SSF x Far_LoA	-4,32985571	0,185	0,293
CHR5	29452787	CHR5:29452787	SSF x Far_LoA	-7,62449891	-0,078	0,306
CHR5	29452818	CHR5:29452818	SSF x Far_LoA	-11,3629793	-0,052	0,306
CHR5	29452840	CHR5:29452840	SSF x Far_LoA	-9,01378556	0,064	0,294
CHR5	29459226	CHR5:29459226	SSF x Far_LoA	-9,86907681	0,035	0,318
CHR5	29459437	CHR5:29459437	SSF x Far_LoA	-9,28591385	-0,089	0,310
CHR5	29465489	CHR5:29465489	SSF x Far_LoA	-7,06565308	-0,155	0,308
CHR5	29466828	CHR5:29466828	SSF x Far_LoA	-7,54304479	0,109	0,311
CHR5	2946792	CHR5:2946792	SSF x Far_LoA	-9,68529699	0,076	0,330
CHR5	2946879	CHR5:2946879	SSF x Far_LoA	-10,1228705	-0,068	0,306
CHR5	2946914	CHR5:2946914	SSF x Far_LoA	-8,85205704	0,002	0,313
CHR5	29470078	CHR5:29470078	SSF x Far_LoA	-10,9862118	0,018	0,307
CHR5	29488552	CHR5:29488552	SSF x Far_LoA	-7,28097661	-0,110	0,301
CHR5	29488557	CHR5:29488557	SSF x Far_LoA	-9,39715818	0,044	0,302
CHR5	29488574	CHR5:29488574	SSF x Far_LoA	-8,85970957	0,022	0,313
CHR5	29488656	CHR5:29488656	SSF x Far_LoA	-10,8147079	-0,081	0,311
CHR5	29488866	CHR5:29488866	SSF x Far_LoA	-11,7130017	0,019	0,314
CHR5	29493925	CHR5:29493925	SSF x Far_LoA	-11,3797807	0,063	0,299
CHR5	29493949	CHR5:29493949	SSF x Far_LoA	-8,43387632	0,131	0,300

CHR5	29493954	CHR5:29493954	SSF x Far_LoA	-8,91869344	0,009	0,310
CHR5	29493973	CHR5:29493973	SSF x Far_LoA	1,08852073	-0,156	0,297
CHR5	29495133	CHR5:29495133	SSF x Far_LoA	-7,5704508	0,006	0,297
CHR5	29495198	CHR5:29495198	SSF x Far_LoA	-8,23347413	0,007	0,302
CHR5	29495219	CHR5:29495219	SSF x Far_LoA	-10,6166077	-0,033	0,302
CHR5	2950683	CHR5:2950683	SSF x Far_LoA	-8,07163751	-0,054	0,297
CHR5	2950709	CHR5:2950709	SSF x Far_LoA	-8,92788361	0,074	0,288
CHR5	2950718	CHR5:2950718	SSF x Far_LoA	-10,7938494	-0,096	0,311
CHR5	2950913	CHR5:2950913	SSF x Far_LoA	-8,7541654	-0,068	0,306
CHR5	2953154	CHR5:2953154	SSF x Far_LoA	-9,16445264	0,047	0,307
CHR5	2953416	CHR5:2953416	SSF x Far_LoA	-6,4573827	0,104	0,313
CHR5	3E+07	CHR5:29535550	SSF x Far_LoA	-9,4207876	-0,051	0,300
CHR5	3E+07	CHR5:29535598	SSF x Far_LoA	-10,1909738	-0,068	0,316
CHR5	3E+07	CHR5:29553310	SSF x Far_LoA	-9,46291243	-0,006	0,308
CHR5	3E+07	CHR5:29553317	SSF x Far_LoA	-9,76642616	0,036	0,293
CHR5	3E+07	CHR5:29553325	SSF x Far_LoA	-9,82234097	-0,030	0,301
CHR5	3E+07	CHR5:29553343	SSF x Far_LoA	-10,9410332	0,064	0,311
CHR5	3E+07	CHR5:29553348	SSF x Far_LoA	-10,0207614	0,040	0,303
CHR5	3E+07	CHR5:29557408	SSF x Far_LoA	-11,4296015	0,057	0,307
CHR5	3E+07	CHR5:29557478	SSF x Far_LoA	-7,26686585	0,161	0,305
CHR5	2955916	CHR5:2955916	SSF x Far_LoA	-6,01678851	0,118	0,309
CHR5	2955960	CHR5:2955960	SSF x Far_LoA	-9,25227324	-0,019	0,325
CHR5	3E+07	CHR5:29571619	SSF x Far_LoA	-10,5653204	0,088	0,300
CHR5	3E+07	CHR5:29571669	SSF x Far_LoA	-11,6676149	-0,011	0,311
CHR5	3E+07	CHR5:29571682	SSF x Far_LoA	-6,29746529	-0,056	0,316
CHR5	3E+07	CHR5:29573661	SSF x Far_LoA	-9,17690285	0,011	0,301
CHR5	3E+07	CHR5:29573742	SSF x Far_LoA	-11,9341724	-0,030	0,311
CHR5	3E+07	CHR5:29573744	SSF x Far_LoA	-11,6804798	-0,060	0,313
CHR5	3E+07	CHR5:29573757	SSF x Far_LoA	-10,1641824	0,103	0,318
CHR5	3E+07	CHR5:29573797	SSF x Far_LoA	-9,60002648	-0,034	0,288
CHR5	3E+07	CHR5:29573801	SSF x Far_LoA	-7,36099824	0,117	0,303
CHR5	3E+07	CHR5:29573804	SSF x Far_LoA	-9,76897633	0,007	0,320
CHR5	3E+07	CHR5:29573816	SSF x Far_LoA	-5,826644	0,056	0,313
CHR5	3E+07	CHR5:29573829	SSF x Far_LoA	-11,3828345	0,056	0,310
CHR5	2959305	CHR5:2959305	SSF x Far_LoA	-10,826317	-0,049	0,306
CHR5	2959410	CHR5:2959410	SSF x Far_LoA	-10,5674203	0,129	0,303
CHR5	3E+07	CHR5:29594445	SSF x Far_LoA	-6,77083359	0,000	0,314
CHR5	3E+07	CHR5:29594473	SSF x Far_LoA	-10,0526925	0,028	0,301
CHR5	3E+07	CHR5:29602369	SSF x Far_LoA	-10,8908601	-0,019	0,320
CHR5	3E+07	CHR5:29603198	SSF x Far_LoA	-8,39955246	0,060	0,309
CHR5	3E+07	CHR5:29603265	SSF x Far_LoA	-7,09442636	0,161	0,292
CHR5	2960403	CHR5:2960403	SSF x Far_LoA	-9,59853437	0,091	0,305
CHR5	3E+07	CHR5:29604052	SSF x Far_LoA	-10,9286824	0,043	0,314
CHR5	3E+07	CHR5:29604505	SSF x Far_LoA	-8,55726989	-0,033	0,306
CHR5	3E+07	CHR5:29604513	SSF x Far_LoA	-8,45428991	0,017	0,296
CHR5	3E+07	CHR5:29606321	SSF x Far_LoA	-9,76228343	0,003	0,307
CHR5	3E+07	CHR5:29606336	SSF x Far_LoA	-8,95010714	0,118	0,311
CHR5	3E+07	CHR5:29606372	SSF x Far_LoA	-10,1873311	-0,130	0,315
CHR5	3E+07	CHR5:29606395	SSF x Far_LoA	-11,0665865	-0,009	0,304
CHR5	2960832	CHR5:2960832	SSF x Far_LoA	-10,0597466	0,077	0,319
CHR5	3E+07	CHR5:29615111	SSF x Far_LoA	-11,4310117	0,024	0,302
CHR5	3E+07	CHR5:29615146	SSF x Far_LoA	-9,02092941	0,047	0,307
CHR5	3E+07	CHR5:29615227	SSF x Far_LoA	-9,69651074	0,006	0,318

CHR5	3E+07	CHR5:29615418	SSF x Far_LoA	-8,79283612	0,091	0,298
CHR5	3E+07	CHR5:29619915	SSF x Far_LoA	-7,9193942	0,117	0,305
CHR5	3E+07	CHR5:29619946	SSF x Far_LoA	-8,61134618	0,134	0,288
CHR5	3E+07	CHR5:29619954	SSF x Far_LoA	-9,66233812	0,000	0,314
CHR5	3E+07	CHR5:29619965	SSF x Far_LoA	-7,77805166	-0,015	0,314
CHR5	3E+07	CHR5:29619967	SSF x Far_LoA	-8,83050931	-0,080	0,305
CHR5	3E+07	CHR5:29619988	SSF x Far_LoA	-6,76856341	-0,127	0,304
CHR5	3E+07	CHR5:29620000	SSF x Far_LoA	-10,4940651	0,043	0,307
CHR5	3E+07	CHR5:29620012	SSF x Far_LoA	-8,93489676	0,123	0,303
CHR5	3E+07	CHR5:29620026	SSF x Far_LoA	-9,23148035	-0,028	0,309
CHR5	3E+07	CHR5:29620091	SSF x Far_LoA	-8,99256403	-0,103	0,302
CHR5	3E+07	CHR5:29620115	SSF x Far_LoA	-8,59078703	-0,112	0,302
CHR5	3E+07	CHR5:29620123	SSF x Far_LoA	-8,17361903	0,039	0,305
CHR5	2962281	CHR5:2962281	SSF x Far_LoA	-9,70789131	-0,069	0,305
CHR5	2962334	CHR5:2962334	SSF x Far_LoA	-11,355951	-0,012	0,295
CHR5	2962335	CHR5:2962335	SSF x Far_LoA	-11,0064284	-0,050	0,313
CHR5	3E+07	CHR5:29626039	SSF x Far_LoA	-10,2196953	0,015	0,308
CHR5	3E+07	CHR5:29626119	SSF x Far_LoA	-9,0300661	0,097	0,310
CHR5	3E+07	CHR5:29638479	SSF x Far_LoA	-9,7450827	0,023	0,298
CHR5	3E+07	CHR5:29638742	SSF x Far_LoA	-6,79954266	0,057	0,285
CHR5	3E+07	CHR5:29646485	SSF x Far_LoA	-9,24238628	0,035	0,308
CHR5	3E+07	CHR5:29646541	SSF x Far_LoA	-9,31279408	-0,011	0,313
CHR5	3E+07	CHR5:29646633	SSF x Far_LoA	-8,49521354	0,186	0,295
CHR5	3E+07	CHR5:29646651	SSF x Far_LoA	-10,9209877	0,109	0,304
CHR5	3E+07	CHR5:29650699	SSF x Far_LoA	-10,8631731	-0,060	0,306
CHR5	3E+07	CHR5:29658911	SSF x Far_LoA	-11,13297	0,070	0,305
CHR5	3E+07	CHR5:29659416	SSF x Far_LoA	-9,47494857	0,056	0,295
CHR5	3E+07	CHR5:29672286	SSF x Far_LoA	-11,049057	-0,040	0,306
CHR5	3E+07	CHR5:29672303	SSF x Far_LoA	-12,096971	-0,059	0,291
CHR5	3E+07	CHR5:29672353	SSF x Far_LoA	-8,8558977	0,005	0,313
CHR5	3E+07	CHR5:29678021	SSF x Far_LoA	-6,653405	-0,077	0,316
CHR5	3E+07	CHR5:29678152	SSF x Far_LoA	-9,59202538	0,042	0,286
CHR5	2968125	CHR5:2968125	SSF x Far_LoA	-7,13228595	0,195	0,282
CHR5	2968158	CHR5:2968158	SSF x Far_LoA	-9,19397214	0,078	0,306
CHR5	2968165	CHR5:2968165	SSF x Far_LoA	-10,0148784	-0,007	0,305
CHR5	3E+07	CHR5:29686281	SSF x Far_LoA	-9,53280625	-0,006	0,308
CHR5	3E+07	CHR5:29686297	SSF x Far_LoA	-10,2985123	0,083	0,305
CHR5	3E+07	CHR5:29686327	SSF x Far_LoA	-9,06853854	-0,023	0,300
CHR5	3E+07	CHR5:29686352	SSF x Far_LoA	-9,4408098	0,175	0,296
CHR5	3E+07	CHR5:29686378	SSF x Far_LoA	-11,3918674	-0,043	0,309
CHR5	3E+07	CHR5:29686408	SSF x Far_LoA	-9,80319159	0,006	0,293
CHR5	3E+07	CHR5:29686481	SSF x Far_LoA	-8,95721294	-0,053	0,310
CHR5	3E+07	CHR5:29692380	SSF x Far_LoA	-10,5649392	0,019	0,321
CHR5	3E+07	CHR5:29692393	SSF x Far_LoA	-8,26635134	-0,023	0,311
CHR5	3E+07	CHR5:29692399	SSF x Far_LoA	-9,18588784	-0,046	0,311
CHR5	3E+07	CHR5:29692439	SSF x Far_LoA	-6,53452889	-0,148	0,294
CHR5	3E+07	CHR5:29692466	SSF x Far_LoA	-9,30673595	-0,068	0,306
CHR5	3E+07	CHR5:29692477	SSF x Far_LoA	-10,687474	0,035	0,321
CHR5	3E+07	CHR5:29697893	SSF x Far_LoA	-9,68604188	-0,024	0,309
CHR5	3E+07	CHR5:29697999	SSF x Far_LoA	-8,25388966	0,004	0,300
CHR5	3E+07	CHR5:29711211	SSF x Far_LoA	-10,307096	-0,028	0,302
CHR5	3E+07	CHR5:29711449	SSF x Far_LoA	-9,32439696	-0,124	0,309
CHR5	3E+07	CHR5:29727800	SSF x Far_LoA	-11,6682342	0,056	0,310

CHR5	3E+07	CHR5:29727802	SSF x Far_LoA	-0,662581	-0,152	0,308
CHR5	3E+07	CHR5:29727944	SSF x Far_LoA	-11,998061	-0,012	0,297
CHR5	3E+07	CHR5:29728008	SSF x Far_LoA	-12,2837197	-0,014	0,303
CHR5	3E+07	CHR5:29732493	SSF x Far_LoA	-9,43244223	-0,034	0,305
CHR5	3E+07	CHR5:29732536	SSF x Far_LoA	-11,2721782	0,024	0,305
CHR5	3E+07	CHR5:29742697	SSF x Far_LoA	-9,58093689	0,041	0,302
CHR5	3E+07	CHR5:29742761	SSF x Far_LoA	-9,02781793	0,009	0,318
CHR5	3E+07	CHR5:29742766	SSF x Far_LoA	-10,7526818	-0,069	0,299
CHR5	3E+07	CHR5:29742792	SSF x Far_LoA	-7,68855362	-0,105	0,309
CHR5	3E+07	CHR5:29742869	SSF x Far_LoA	-10,3865669	-0,091	0,303
CHR5	3E+07	CHR5:29753053	SSF x Far_LoA	-11,2509483	-0,007	0,301
CHR5	3E+07	CHR5:29753160	SSF x Far_LoA	-6,3524649	-0,223	0,288
CHR5	3E+07	CHR5:29763639	SSF x Far_LoA	-7,17993376	-0,006	0,306
CHR5	3E+07	CHR5:29763688	SSF x Far_LoA	-11,6924012	0,028	0,300
CHR5	3E+07	CHR5:29763770	SSF x Far_LoA	-8,42643658	0,099	0,303
CHR5	3E+07	CHR5:29764129	SSF x Far_LoA	-7,63833582	-0,099	0,297
CHR5	3E+07	CHR5:29764170	SSF x Far_LoA	-11,3761816	-0,004	0,304
CHR5	3E+07	CHR5:29773204	SSF x Far_LoA	-11,8652306	-0,074	0,302
CHR5	2978147	CHR5:2978147	SSF x Far_LoA	-11,4107126	-0,057	0,304
CHR5	2978260	CHR5:2978260	SSF x Far_LoA	-10,9853419	0,000	0,300
CHR5	2978264	CHR5:2978264	SSF x Far_LoA	-5,91379776	0,018	0,293
CHR5	3E+07	CHR5:29783770	SSF x Far_LoA	-0,19848237	0,252	0,279
CHR5	3E+07	CHR5:29783783	SSF x Far_LoA	-2,95288823	0,242	0,285
CHR5	3E+07	CHR5:29783826	SSF x Far_LoA	-8,47386691	0,093	0,310
CHR5	2978688	CHR5:2978688	SSF x Far_LoA	-10,7481083	0,000	0,295
CHR5	2979316	CHR5:2979316	SSF x Far_LoA	-8,61405358	-0,070	0,301
CHR5	3E+07	CHR5:29794709	SSF x Far_LoA	-6,72445362	0,118	0,297
CHR5	3E+07	CHR5:29794771	SSF x Far_LoA	-6,54412086	-0,023	0,299
CHR5	3E+07	CHR5:29794804	SSF x Far_LoA	-10,1586783	0,026	0,309
CHR5	3E+07	CHR5:29794835	SSF x Far_LoA	-11,8167628	0,006	0,301
CHR5	3E+07	CHR5:29794959	SSF x Far_LoA	-10,5647111	-0,004	0,305
CHR5	3E+07	CHR5:29795084	SSF x Far_LoA	-11,8350751	-0,003	0,297
CHR5	2980308	CHR5:2980308	SSF x Far_LoA	-8,17764215	-0,017	0,316
CHR5	3E+07	CHR5:29814208	SSF x Far_LoA	-8,12877545	-0,036	0,295
CHR5	3E+07	CHR5:29814250	SSF x Far_LoA	-9,10020107	-0,053	0,294
CHR5	3E+07	CHR5:29814814	SSF x Far_LoA	-10,236377	0,056	0,312
CHR5	3E+07	CHR5:29814818	SSF x Far_LoA	-10,4348661	-0,071	0,322
CHR5	3E+07	CHR5:29814857	SSF x Far_LoA	-11,0790627	0,076	0,303
CHR5	3E+07	CHR5:29814879	SSF x Far_LoA	-9,52365542	-0,065	0,308
CHR5	3E+07	CHR5:29830373	SSF x Far_LoA	-6,14223357	0,175	0,302
CHR5	3E+07	CHR5:29830410	SSF x Far_LoA	-9,6023294	-0,026	0,321
CHR5	3E+07	CHR5:29833386	SSF x Far_LoA	-8,80328062	0,052	0,324
CHR5	3E+07	CHR5:29846751	SSF x Far_LoA	-8,36840164	-0,177	0,313
CHR5	3E+07	CHR5:29846810	SSF x Far_LoA	-8,85804266	-0,085	0,315
CHR5	3E+07	CHR5:29857677	SSF x Far_LoA	-10,8010351	-0,022	0,313
CHR5	3E+07	CHR5:29864094	SSF x Far_LoA	0,26396241	-0,086	0,310
CHR5	3E+07	CHR5:29877853	SSF x Far_LoA	-10,5955146	-0,167	0,308
CHR5	3E+07	CHR5:29889450	SSF x Far_LoA	-10,8398397	-0,015	0,309
CHR5	3E+07	CHR5:29891384	SSF x Far_LoA	-10,3064161	0,033	0,294
CHR5	2989922	CHR5:2989922	SSF x Far_LoA	-4,24522239	-0,052	0,319
CHR5	2990337	CHR5:2990337	SSF x Far_LoA	-9,53387592	0,103	0,310
CHR5	2990340	CHR5:2990340	SSF x Far_LoA	-9,73884214	0,066	0,297
CHR5	2990378	CHR5:2990378	SSF x Far_LoA	-9,68100676	0,072	0,315

CHR5	2990414	CHR5:2990414	SSF x Far_LoA	-8,47342216	-0,084	0,313
CHR5	2990441	CHR5:2990441	SSF x Far_LoA	-9,0254138	-0,027	0,306
CHR5	3E+07	CHR5:29904615	SSF x Far_LoA	-8,28332815	0,159	0,303
CHR5	3E+07	CHR5:29904638	SSF x Far_LoA	-10,9559526	0,135	0,294
CHR5	3E+07	CHR5:29904776	SSF x Far_LoA	-9,57933797	-0,006	0,306
CHR5	3E+07	CHR5:29904815	SSF x Far_LoA	-9,64408264	0,040	0,304
CHR5	3E+07	CHR5:29908434	SSF x Far_LoA	-11,1904015	0,009	0,293
CHR5	3E+07	CHR5:29908439	SSF x Far_LoA	-6,66664146	-0,115	0,305
CHR5	2991502	CHR5:2991502	SSF x Far_LoA	-8,98045602	-0,156	0,302
CHR5	2991594	CHR5:2991594	SSF x Far_LoA	-9,57202962	-0,025	0,314
CHR5	2991623	CHR5:2991623	SSF x Far_LoA	-10,5848342	-0,040	0,308
CHR5	2991703	CHR5:2991703	SSF x Far_LoA	-7,69176691	0,131	0,305
CHR5	3E+07	CHR5:29917064	SSF x Far_LoA	-5,45476719	0,044	0,308
CHR5	3E+07	CHR5:29917141	SSF x Far_LoA	-9,4144104	-0,001	0,301
CHR5	3E+07	CHR5:29917217	SSF x Far_LoA	-9,61211542	0,151	0,290
CHR5	3E+07	CHR5:29917255	SSF x Far_LoA	-6,80510599	0,129	0,303
CHR5	3E+07	CHR5:29919357	SSF x Far_LoA	-10,2676911	-0,012	0,316
CHR5	3E+07	CHR5:29919368	SSF x Far_LoA	-8,29546944	0,199	0,294
CHR5	3E+07	CHR5:29919462	SSF x Far_LoA	-12,3929168	-0,005	0,292
CHR5	3E+07	CHR5:29919594	SSF x Far_LoA	-7,22301855	0,190	0,286
CHR5	3E+07	CHR5:29925685	SSF x Far_LoA	-9,45628318	0,077	0,296
CHR5	3E+07	CHR5:29925691	SSF x Far_LoA	-11,449839	0,004	0,309
CHR5	3E+07	CHR5:29925770	SSF x Far_LoA	6,52808247	0,043	0,312
CHR5	3E+07	CHR5:29925987	SSF x Far_LoA	-6,98491313	0,154	0,291
CHR5	3E+07	CHR5:29926051	SSF x Far_LoA	-4,11081634	0,055	0,320
CHR5	2993519	CHR5:2993519	SSF x Far_LoA	-9,80791389	0,127	0,297
CHR5	2993548	CHR5:2993548	SSF x Far_LoA	-9,58189262	0,043	0,313
CHR5	2995609	CHR5:2995609	SSF x Far_LoA	-9,09726001	0,120	0,303
CHR5	2995654	CHR5:2995654	SSF x Far_LoA	-11,185418	-0,065	0,306
CHR5	2995780	CHR5:2995780	SSF x Far_LoA	-5,24682543	-0,197	0,305
CHR5	3E+07	CHR5:29976072	SSF x Far_LoA	-9,1891152	0,049	0,316
CHR5	3E+07	CHR5:29982706	SSF x Far_LoA	-6,84781444	0,089	0,304
CHR5	3E+07	CHR5:29986081	SSF x Far_LoA	-7,08894381	0,107	0,302
CHR5	3001476	CHR5:3001476	SSF x Far_LoA	-5,76461081	0,189	0,288
CHR5	3001487	CHR5:3001487	SSF x Far_LoA	-9,39880816	-0,041	0,307
CHR5	3001556	CHR5:3001556	SSF x Far_LoA	-9,67351392	0,046	0,312
CHR5	3002233	CHR5:3002233	SSF x Far_LoA	-8,71078801	0,077	0,299
CHR5	3002329	CHR5:3002329	SSF x Far_LoA	-7,68065941	0,125	0,287
CHR5	3002345	CHR5:3002345	SSF x Far_LoA	-7,93948877	-0,125	0,293
CHR5	3E+07	CHR5:30060023	SSF x Far_LoA	-9,02223642	0,059	0,302
CHR5	3E+07	CHR5:30060107	SSF x Far_LoA	-9,80375522	-0,084	0,312
CHR5	3E+07	CHR5:30060128	SSF x Far_LoA	-9,0710532	-0,138	0,296
CHR5	3E+07	CHR5:30060133	SSF x Far_LoA	-6,286368	-0,082	0,316
CHR5	3E+07	CHR5:30060166	SSF x Far_LoA	-9,67562327	0,022	0,293
CHR5	3E+07	CHR5:30060245	SSF x Far_LoA	-7,49569993	0,018	0,316
CHR5	3E+07	CHR5:30067229	SSF x Far_LoA	-10,0258057	0,030	0,304
CHR5	3E+07	CHR5:30100989	SSF x Far_LoA	-11,247667	-0,110	0,302
CHR5	3E+07	CHR5:30101027	SSF x Far_LoA	-4,15307661	0,223	0,283
CHR5	3E+07	CHR5:30101165	SSF x Far_LoA	-8,8422155	0,016	0,320
CHR5	3010204	CHR5:3010204	SSF x Far_LoA	-10,7691352	0,056	0,306
CHR5	3010212	CHR5:3010212	SSF x Far_LoA	-7,64784979	0,148	0,306
CHR5	3E+07	CHR5:30102319	SSF x Far_LoA	-9,59017534	-0,096	0,308
CHR5	3E+07	CHR5:30102439	SSF x Far_LoA	-9,21139452	0,068	0,316

CHR5	3E+07	CHR5:30102463	SSF x Far_LoA	-7,37868837	-0,162	0,304
CHR5	3E+07	CHR5:30102479	SSF x Far_LoA	-9,51067689	-0,008	0,312
CHR5	3010431	CHR5:3010431	SSF x Far_LoA	-10,6214901	0,060	0,300
CHR5	3E+07	CHR5:30105982	SSF x Far_LoA	-4,96512069	-0,185	0,295
CHR5	3E+07	CHR5:30106066	SSF x Far_LoA	-10,8828301	0,106	0,307
CHR5	3E+07	CHR5:30106127	SSF x Far_LoA	-6,88470159	0,137	0,310
CHR5	3E+07	CHR5:30112632	SSF x Far_LoA	-5,26933236	0,183	0,305
CHR5	3E+07	CHR5:30112644	SSF x Far_LoA	-3,49429618	0,229	0,288
CHR5	3E+07	CHR5:30112674	SSF x Far_LoA	-8,53362546	0,146	0,297
CHR5	3E+07	CHR5:30112708	SSF x Far_LoA	-8,87177527	0,084	0,313
CHR5	3E+07	CHR5:30112723	SSF x Far_LoA	-10,3660122	0,054	0,305
CHR5	3E+07	CHR5:30112755	SSF x Far_LoA	-10,4684786	-0,007	0,312
CHR5	3E+07	CHR5:30112826	SSF x Far_LoA	-11,1932103	-0,038	0,298
CHR5	3E+07	CHR5:30112841	SSF x Far_LoA	-11,0251049	0,011	0,308
CHR5	3E+07	CHR5:30113830	SSF x Far_LoA	-10,6889894	-0,098	0,301
CHR5	3E+07	CHR5:30124840	SSF x Far_LoA	-7,28431478	-0,063	0,310
CHR5	3E+07	CHR5:30124926	SSF x Far_LoA	-12,132809	0,014	0,307
CHR5	3E+07	CHR5:30125103	SSF x Far_LoA	-11,325966	0,038	0,312
CHR5	3E+07	CHR5:30126654	SSF x Far_LoA	-9,40872393	0,113	0,301
CHR5	3E+07	CHR5:30130168	SSF x Far_LoA	-7,75453407	-0,090	0,314
CHR5	3E+07	CHR5:30130270	SSF x Far_LoA	-9,62335232	0,088	0,309
CHR5	3E+07	CHR5:30134559	SSF x Far_LoA	-7,96233174	0,103	0,299
CHR5	3E+07	CHR5:30134585	SSF x Far_LoA	-10,7395419	-0,049	0,305
CHR5	3E+07	CHR5:30134746	SSF x Far_LoA	-9,36681705	-0,135	0,287
CHR5	3E+07	CHR5:30143661	SSF x Far_LoA	-9,74041	0,025	0,302
CHR5	3E+07	CHR5:30143684	SSF x Far_LoA	-10,0318448	-0,068	0,314
CHR5	3E+07	CHR5:30143784	SSF x Far_LoA	-8,32252072	-0,110	0,299
CHR5	3E+07	CHR5:30143819	SSF x Far_LoA	-10,3784275	-0,049	0,298
CHR5	3014733	CHR5:3014733	SSF x Far_LoA	-2,17628678	0,014	0,311
CHR5	3014826	CHR5:3014826	SSF x Far_LoA	-11,6501254	0,015	0,311
CHR5	3014865	CHR5:3014865	SSF x Far_LoA	-10,4043599	0,017	0,299
CHR5	3E+07	CHR5:30153625	SSF x Far_LoA	-5,55936589	0,134	0,308
CHR5	3E+07	CHR5:30153653	SSF x Far_LoA	-11,5282946	0,077	0,303
CHR5	3E+07	CHR5:30153658	SSF x Far_LoA	-10,8455186	0,080	0,299
CHR5	3E+07	CHR5:30153716	SSF x Far_LoA	-10,65243	-0,048	0,297
CHR5	3E+07	CHR5:30157244	SSF x Far_LoA	-9,02199366	0,050	0,309
CHR5	3E+07	CHR5:30170121	SSF x Far_LoA	-7,42928447	0,071	0,306
CHR5	3E+07	CHR5:30175874	SSF x Far_LoA	-11,6310636	0,024	0,315
CHR5	3E+07	CHR5:30176093	SSF x Far_LoA	-10,3810051	0,018	0,312
CHR5	3E+07	CHR5:30176094	SSF x Far_LoA	-10,496716	0,038	0,320
CHR5	3018931	CHR5:3018931	SSF x Far_LoA	-8,75756544	-0,030	0,312
CHR5	3019046	CHR5:3019046	SSF x Far_LoA	-7,82651632	-0,113	0,296
CHR5	3019184	CHR5:3019184	SSF x Far_LoA	-9,53975352	-0,085	0,295
CHR5	3E+07	CHR5:30208341	SSF x Far_LoA	-11,3057056	-0,025	0,313
CHR5	3E+07	CHR5:30208491	SSF x Far_LoA	-6,21951177	0,221	0,296
CHR5	3E+07	CHR5:30214468	SSF x Far_LoA	-9,53883835	-0,118	0,310
CHR5	3E+07	CHR5:30221259	SSF x Far_LoA	-8,66396433	0,005	0,323
CHR5	3022174	CHR5:3022174	SSF x Far_LoA	-9,03352461	0,084	0,304
CHR5	3E+07	CHR5:30247354	SSF x Far_LoA	-11,5978265	0,041	0,301
CHR5	3026189	CHR5:3026189	SSF x Far_LoA	-8,24714338	0,068	0,315
CHR5	3026320	CHR5:3026320	SSF x Far_LoA	-4,25776378	0,087	0,309
CHR5	3026332	CHR5:3026332	SSF x Far_LoA	-11,3393327	-0,039	0,308
CHR5	3E+07	CHR5:30271022	SSF x Far_LoA	-8,05476559	-0,071	0,314

CHR5	3E+07	CHR5:30273159	SSF x Far_LoA	-8,50987417	0,002	0,319
CHR5	3E+07	CHR5:30279283	SSF x Far_LoA	-8,92822765	0,080	0,302
CHR5	3E+07	CHR5:30279319	SSF x Far_LoA	-10,7383516	-0,032	0,315
CHR5	3E+07	CHR5:30280579	SSF x Far_LoA	-9,08117642	0,047	0,313
CHR5	3E+07	CHR5:30280585	SSF x Far_LoA	-11,0108414	0,014	0,309
CHR5	3E+07	CHR5:30280586	SSF x Far_LoA	-10,3210837	-0,051	0,306
CHR5	3E+07	CHR5:30280588	SSF x Far_LoA	-10,9742132	-0,003	0,303
CHR5	3E+07	CHR5:30281683	SSF x Far_LoA	-10,468383	-0,031	0,315
CHR5	3E+07	CHR5:30286190	SSF x Far_LoA	-9,6261042	-0,063	0,295
CHR5	3E+07	CHR5:30286191	SSF x Far_LoA	-8,79099266	-0,008	0,312
CHR5	3E+07	CHR5:30286247	SSF x Far_LoA	-11,4105711	-0,096	0,293
CHR5	3E+07	CHR5:30286263	SSF x Far_LoA	-9,33075063	-0,018	0,314
CHR5	3E+07	CHR5:30286393	SSF x Far_LoA	-5,77993779	0,091	0,304
CHR5	3E+07	CHR5:30291051	SSF x Far_LoA	-9,76775902	-0,122	0,294
CHR5	3E+07	CHR5:30291122	SSF x Far_LoA	-9,22043423	0,045	0,311
CHR5	3E+07	CHR5:30291163	SSF x Far_LoA	-3,69685444	0,052	0,317
CHR5	3E+07	CHR5:30295470	SSF x Far_LoA	-8,86638258	-0,071	0,295
CHR5	3029742	CHR5:3029742	SSF x Far_LoA	-11,0731419	-0,074	0,304
CHR5	3E+07	CHR5:30302204	SSF x Far_LoA	-10,7566424	-0,052	0,301
CHR5	3E+07	CHR5:30318201	SSF x Far_LoA	-9,27836575	-0,053	0,295
CHR5	3E+07	CHR5:30318214	SSF x Far_LoA	-9,69481294	-0,017	0,290
CHR5	3E+07	CHR5:30345274	SSF x Far_LoA	-7,45806435	-0,025	0,317
CHR5	3E+07	CHR5:30345290	SSF x Far_LoA	-9,87519174	0,085	0,305
CHR5	3E+07	CHR5:30345309	SSF x Far_LoA	-10,7818409	-0,125	0,301
CHR5	3E+07	CHR5:30345333	SSF x Far_LoA	-10,0390743	-0,108	0,301
CHR5	3E+07	CHR5:30345336	SSF x Far_LoA	-8,9695023	-0,033	0,302
CHR5	3E+07	CHR5:30357358	SSF x Far_LoA	-10,5279716	0,042	0,316
CHR5	3036586	CHR5:3036586	SSF x Far_LoA	-11,2931798	0,051	0,309
CHR5	3036637	CHR5:3036637	SSF x Far_LoA	-9,55753916	-0,001	0,326
CHR5	3E+07	CHR5:30374555	SSF x Far_LoA	-10,2475183	-0,021	0,307
CHR5	3E+07	CHR5:30374612	SSF x Far_LoA	-6,08391073	0,110	0,298
CHR5	3E+07	CHR5:30374622	SSF x Far_LoA	-8,10161548	0,100	0,303
CHR5	3E+07	CHR5:30374742	SSF x Far_LoA	-10,0058211	-0,038	0,299
CHR5	3E+07	CHR5:30374743	SSF x Far_LoA	-5,4809984	-0,007	0,307
CHR5	3E+07	CHR5:30374765	SSF x Far_LoA	-8,27672895	0,004	0,314
CHR5	3E+07	CHR5:30378249	SSF x Far_LoA	-10,2732548	-0,118	0,314
CHR5	3E+07	CHR5:30378387	SSF x Far_LoA	-7,09694152	0,037	0,317
CHR5	3E+07	CHR5:30388854	SSF x Far_LoA	-9,44873264	0,077	0,300
CHR5	3E+07	CHR5:30388881	SSF x Far_LoA	-7,89081155	0,022	0,296
CHR5	3E+07	CHR5:30389709	SSF x Far_LoA	-8,72707568	0,090	0,297
CHR5	3E+07	CHR5:30389772	SSF x Far_LoA	-10,2237902	-0,019	0,309
CHR5	3E+07	CHR5:30395726	SSF x Far_LoA	-9,94599392	-0,080	0,293
CHR5	3E+07	CHR5:30411039	SSF x Far_LoA	-12,2174235	-0,069	0,310
CHR5	3042577	CHR5:3042577	SSF x Far_LoA	-11,1302512	-0,118	0,306
CHR5	3E+07	CHR5:30440308	SSF x Far_LoA	-4,80111014	-0,080	0,304
CHR5	3E+07	CHR5:30442218	SSF x Far_LoA	-9,12787086	0,118	0,315
CHR5	3E+07	CHR5:30443126	SSF x Far_LoA	-10,4820522	-0,039	0,301
CHR5	3E+07	CHR5:30446990	SSF x Far_LoA	-10,3085702	-0,010	0,305
CHR5	3E+07	CHR5:30448894	SSF x Far_LoA	-8,60906997	-0,029	0,299
CHR5	3E+07	CHR5:30448957	SSF x Far_LoA	-9,65468052	-0,050	0,297
CHR5	3E+07	CHR5:30448983	SSF x Far_LoA	-10,5453683	-0,027	0,308
CHR5	3E+07	CHR5:30449021	SSF x Far_LoA	-8,67251373	-0,034	0,316
CHR5	3E+07	CHR5:30452706	SSF x Far_LoA	-6,67232203	0,110	0,296

CHR5	3E+07	CHR5:30452735	SSF x Far_LoA	-10,4220261	0,100	0,301
CHR5	3E+07	CHR5:30452759	SSF x Far_LoA	-7,50102668	-0,122	0,300
CHR5	3E+07	CHR5:30452793	SSF x Far_LoA	-8,42527727	-0,061	0,305
CHR5	3E+07	CHR5:30456690	SSF x Far_LoA	-8,28269376	0,079	0,299
CHR5	3E+07	CHR5:30467064	SSF x Far_LoA	-4,78760985	-0,128	0,293
CHR5	3E+07	CHR5:30467099	SSF x Far_LoA	-9,76223891	0,013	0,310
CHR5	3E+07	CHR5:30467313	SSF x Far_LoA	-8,2025524	-0,073	0,308
CHR5	3E+07	CHR5:30467399	SSF x Far_LoA	-9,0977075	-0,049	0,285
CHR5	3E+07	CHR5:30469100	SSF x Far_LoA	-9,11721852	0,036	0,320
CHR5	3E+07	CHR5:30469494	SSF x Far_LoA	-10,1900538	0,032	0,308
CHR5	3E+07	CHR5:30469692	SSF x Far_LoA	-8,8208566	0,110	0,287
CHR5	3E+07	CHR5:30474799	SSF x Far_LoA	-8,30065718	0,009	0,307
CHR5	3E+07	CHR5:30474804	SSF x Far_LoA	-9,64149411	0,032	0,319
CHR5	3E+07	CHR5:30474853	SSF x Far_LoA	-10,0490376	-0,131	0,307
CHR5	3E+07	CHR5:30477559	SSF x Far_LoA	-5,35530957	0,017	0,311
CHR5	3E+07	CHR5:30477685	SSF x Far_LoA	-10,2168729	0,032	0,312
CHR5	3E+07	CHR5:30477803	SSF x Far_LoA	-8,3557473	-0,152	0,290
CHR5	3E+07	CHR5:30481126	SSF x Far_LoA	-10,5775914	0,013	0,307
CHR5	3E+07	CHR5:30481127	SSF x Far_LoA	-9,38647412	0,023	0,300
CHR5	3E+07	CHR5:30481172	SSF x Far_LoA	-10,5296597	0,107	0,290
CHR5	3E+07	CHR5:30486910	SSF x Far_LoA	-10,7285954	0,054	0,295
CHR5	3E+07	CHR5:30487035	SSF x Far_LoA	-10,8194674	-0,021	0,303
CHR5	3E+07	CHR5:30487038	SSF x Far_LoA	-8,42760619	-0,055	0,314
CHR5	3E+07	CHR5:30487044	SSF x Far_LoA	-10,9450406	0,015	0,302
CHR5	3E+07	CHR5:30487045	SSF x Far_LoA	-8,18732367	-0,082	0,306
CHR5	3E+07	CHR5:30491853	SSF x Far_LoA	-8,48246781	0,016	0,318
CHR5	3E+07	CHR5:30491981	SSF x Far_LoA	-8,31698832	0,100	0,314
CHR5	3E+07	CHR5:30494211	SSF x Far_LoA	-7,89196526	0,054	0,305
CHR5	3E+07	CHR5:30494212	SSF x Far_LoA	-3,30961828	0,040	0,310
CHR5	3E+07	CHR5:30494232	SSF x Far_LoA	-9,54088372	0,084	0,312
CHR5	3E+07	CHR5:30494236	SSF x Far_LoA	-9,12374234	0,114	0,300
CHR5	3E+07	CHR5:30494250	SSF x Far_LoA	-10,7235248	0,055	0,311
CHR5	3E+07	CHR5:30494324	SSF x Far_LoA	-9,63206373	-0,016	0,301
CHR5	3E+07	CHR5:30494334	SSF x Far_LoA	-9,43332078	-0,056	0,310
CHR5	3E+07	CHR5:30494336	SSF x Far_LoA	-5,68320873	-0,060	0,305
CHR5	3E+07	CHR5:30494338	SSF x Far_LoA	-5,03676382	-0,060	0,301
CHR5	3E+07	CHR5:30494344	SSF x Far_LoA	-9,43572418	0,058	0,292
CHR5	3E+07	CHR5:30494404	SSF x Far_LoA	-11,4076569	-0,048	0,319
CHR5	3E+07	CHR5:30496298	SSF x Far_LoA	-10,9958384	0,096	0,307
CHR5	3E+07	CHR5:30496303	SSF x Far_LoA	-9,57718432	0,002	0,297
CHR5	3E+07	CHR5:30496520	SSF x Far_LoA	-11,2859981	-0,030	0,310
CHR5	30506250	CHR5:30506250	SSF x Far_LoA	-5,75521697	-0,139	0,285
CHR5	30506393	CHR5:30506393	SSF x Far_LoA	-9,31786356	0,012	0,313
CHR5	30532745	CHR5:30532745	SSF x Far_LoA	-4,58359967	-0,160	0,302
CHR5	30532813	CHR5:30532813	SSF x Far_LoA	-10,5556018	-0,040	0,318
CHR5	30549284	CHR5:30549284	SSF x Far_LoA	-8,62892541	0,017	0,295
CHR5	30549287	CHR5:30549287	SSF x Far_LoA	-11,1498415	-0,004	0,297
CHR5	30557059	CHR5:30557059	SSF x Far_LoA	-11,055718	0,049	0,304
CHR5	30557065	CHR5:30557065	SSF x Far_LoA	-11,5521721	-0,023	0,299
CHR5	30560958	CHR5:30560958	SSF x Far_LoA	-8,42145288	0,133	0,294
CHR5	30577521	CHR5:30577521	SSF x Far_LoA	-8,28874266	-0,039	0,314
CHR5	30578639	CHR5:30578639	SSF x Far_LoA	-4,40866389	0,081	0,290
CHR5	30586183	CHR5:30586183	SSF x Far_LoA	-5,06315145	0,030	0,313

CHR5	30586200	CHR5:30586200	SSF x Far_LoA	-6,88926378	0,027	0,310
CHR5	30586201	CHR5:30586201	SSF x Far_LoA	-9,34897271	0,025	0,318
CHR5	30586251	CHR5:30586251	SSF x Far_LoA	-9,34372357	-0,030	0,304
CHR5	30586267	CHR5:30586267	SSF x Far_LoA	-6,06497884	0,039	0,309
CHR5	30586949	CHR5:30586949	SSF x Far_LoA	-9,20585014	0,002	0,308
CHR5	30586997	CHR5:30586997	SSF x Far_LoA	-10,8692439	-0,036	0,302
CHR5	30594863	CHR5:30594863	SSF x Far_LoA	-8,9659712	-0,002	0,306
CHR5	30618306	CHR5:30618306	SSF x Far_LoA	-7,94811366	-0,098	0,304
CHR5	30618531	CHR5:30618531	SSF x Far_LoA	-11,1877375	0,008	0,308
CHR5	30623931	CHR5:30623931	SSF x Far_LoA	-10,3290443	-0,060	0,302
CHR5	30624027	CHR5:30624027	SSF x Far_LoA	-8,6386252	-0,073	0,308
CHR5	30628200	CHR5:30628200	SSF x Far_LoA	-7,0290703	-0,076	0,312
CHR5	30636051	CHR5:30636051	SSF x Far_LoA	-11,9818239	0,048	0,305
CHR5	30636078	CHR5:30636078	SSF x Far_LoA	-8,59089135	-0,087	0,313
CHR5	30661922	CHR5:30661922	SSF x Far_LoA	-8,75653537	0,064	0,329
CHR5	30662064	CHR5:30662064	SSF x Far_LoA	-9,06130107	0,000	0,307
CHR5	30664466	CHR5:30664466	SSF x Far_LoA	-10,2336027	-0,045	0,298
CHR5	30665871	CHR5:30665871	SSF x Far_LoA	-10,9468719	0,013	0,305
CHR5	30665925	CHR5:30665925	SSF x Far_LoA	-6,74398582	-0,037	0,321
CHR5	30665984	CHR5:30665984	SSF x Far_LoA	-7,43282762	0,078	0,322
CHR5	30665988	CHR5:30665988	SSF x Far_LoA	-9,25671596	-0,006	0,311
CHR5	30668352	CHR5:30668352	SSF x Far_LoA	-9,86680692	0,129	0,301
CHR5	30668406	CHR5:30668406	SSF x Far_LoA	-9,93991655	-0,060	0,317
CHR5	3067804	CHR5:3067804	SSF x Far_LoA	-8,11295606	-0,103	0,308
CHR5	3067879	CHR5:3067879	SSF x Far_LoA	-10,1986007	0,130	0,301
CHR5	30692166	CHR5:30692166	SSF x Far_LoA	-10,375577	-0,036	0,297
CHR5	30692278	CHR5:30692278	SSF x Far_LoA	-10,0551153	-0,032	0,309
CHR5	3069541	CHR5:3069541	SSF x Far_LoA	-9,54027572	-0,018	0,310
CHR5	3069543	CHR5:3069543	SSF x Far_LoA	-11,2663662	-0,022	0,304
CHR5	3069559	CHR5:3069559	SSF x Far_LoA	-10,7798724	0,028	0,292
CHR5	3069583	CHR5:3069583	SSF x Far_LoA	-4,12201553	0,027	0,302
CHR5	30708492	CHR5:30708492	SSF x Far_LoA	-10,7295159	0,069	0,314
CHR5	30708689	CHR5:30708689	SSF x Far_LoA	-3,19698883	0,172	0,305
CHR5	3071045	CHR5:3071045	SSF x Far_LoA	-8,51136941	-0,069	0,310
CHR5	30723297	CHR5:30723297	SSF x Far_LoA	-8,48749668	0,059	0,313
CHR5	30723919	CHR5:30723919	SSF x Far_LoA	-10,3693312	0,013	0,293
CHR5	30724019	CHR5:30724019	SSF x Far_LoA	-9,02455066	0,055	0,307
CHR5	30727151	CHR5:30727151	SSF x Far_LoA	-11,6261943	0,133	0,312
CHR5	30730470	CHR5:30730470	SSF x Far_LoA	-9,30867607	0,022	0,307
CHR5	3073439	CHR5:3073439	SSF x Far_LoA	-11,5486222	-0,036	0,296
CHR5	3073520	CHR5:3073520	SSF x Far_LoA	-8,21053157	0,082	0,316
CHR5	3073543	CHR5:3073543	SSF x Far_LoA	-8,79445315	-0,107	0,306
CHR5	3073648	CHR5:3073648	SSF x Far_LoA	-8,33374557	0,103	0,307
CHR5	3073655	CHR5:3073655	SSF x Far_LoA	-9,8101577	-0,009	0,316
CHR5	3073657	CHR5:3073657	SSF x Far_LoA	-5,23411701	-0,024	0,321
CHR5	30740279	CHR5:30740279	SSF x Far_LoA	-9,18866096	-0,097	0,315
CHR5	30790605	CHR5:30790605	SSF x Far_LoA	-10,9418284	0,022	0,314
CHR5	30812806	CHR5:30812806	SSF x Far_LoA	-8,38499812	-0,112	0,292
CHR5	30829602	CHR5:30829602	SSF x Far_LoA	-9,70081053	0,057	0,294
CHR5	30829726	CHR5:30829726	SSF x Far_LoA	-9,24644108	-0,016	0,291
CHR5	30833307	CHR5:30833307	SSF x Far_LoA	-10,8873608	-0,081	0,296
CHR5	30833458	CHR5:30833458	SSF x Far_LoA	-9,49732975	-0,036	0,310
CHR5	30838733	CHR5:30838733	SSF x Far_LoA	-7,97486403	0,132	0,304

CHR5	30839332	CHR5:30839332	SSF x Far_LoA	-10,1665324	-0,044	0,301
CHR5	30843634	CHR5:30843634	SSF x Far_LoA	-7,5365594	0,036	0,299
CHR5	30843667	CHR5:30843667	SSF x Far_LoA	-10,0314068	0,042	0,310
CHR5	30845077	CHR5:30845077	SSF x Far_LoA	-7,99302635	-0,079	0,307
CHR5	30845108	CHR5:30845108	SSF x Far_LoA	-9,34636166	-0,127	0,303
CHR5	30845179	CHR5:30845179	SSF x Far_LoA	-9,88972393	0,036	0,305
CHR5	30849344	CHR5:30849344	SSF x Far_LoA	-11,6856256	-0,054	0,303
CHR5	30853091	CHR5:30853091	SSF x Far_LoA	-9,66295896	0,088	0,322
CHR5	30853260	CHR5:30853260	SSF x Far_LoA	-10,4218003	0,015	0,316
CHR5	30856377	CHR5:30856377	SSF x Far_LoA	-11,5986398	-0,034	0,318
CHR5	30856587	CHR5:30856587	SSF x Far_LoA	-10,3501133	0,001	0,295
CHR5	30856593	CHR5:30856593	SSF x Far_LoA	-9,06007943	-0,005	0,296
CHR5	30856598	CHR5:30856598	SSF x Far_LoA	-9,44063385	0,050	0,280
CHR5	30866194	CHR5:30866194	SSF x Far_LoA	-9,28999659	-0,095	0,288
CHR5	30866205	CHR5:30866205	SSF x Far_LoA	-7,42046875	0,149	0,306
CHR5	30866212	CHR5:30866212	SSF x Far_LoA	-2,94024541	0,155	0,313
CHR5	30866253	CHR5:30866253	SSF x Far_LoA	-5,82296782	-0,116	0,298
CHR5	30866389	CHR5:30866389	SSF x Far_LoA	-8,95726189	0,121	0,289
CHR5	30866390	CHR5:30866390	SSF x Far_LoA	-8,70288082	0,071	0,297
CHR5	30868285	CHR5:30868285	SSF x Far_LoA	-10,8380724	0,052	0,296
CHR5	30868343	CHR5:30868343	SSF x Far_LoA	-11,8257802	0,001	0,303
CHR5	30874138	CHR5:30874138	SSF x Far_LoA	-9,74197389	0,021	0,307
CHR5	30874155	CHR5:30874155	SSF x Far_LoA	-8,71613702	-0,010	0,298
CHR5	30874245	CHR5:30874245	SSF x Far_LoA	-10,1769248	-0,109	0,303
CHR5	30874248	CHR5:30874248	SSF x Far_LoA	-7,33932712	0,166	0,302
CHR5	30877251	CHR5:30877251	SSF x Far_LoA	-9,69960206	-0,089	0,278
CHR5	30888155	CHR5:30888155	SSF x Far_LoA	-8,34831101	0,066	0,306
CHR5	30889618	CHR5:30889618	SSF x Far_LoA	-10,0356842	0,013	0,302
CHR5	30889621	CHR5:30889621	SSF x Far_LoA	-4,8367871	-0,150	0,299
CHR5	30889680	CHR5:30889680	SSF x Far_LoA	-6,21466356	-0,008	0,303
CHR5	30889794	CHR5:30889794	SSF x Far_LoA	-10,4491868	0,158	0,290
CHR5	30889827	CHR5:30889827	SSF x Far_LoA	-8,1128905	0,138	0,305
CHR5	3088993	CHR5:3088993	SSF x Far_LoA	-8,85819671	-0,007	0,311
CHR5	3089078	CHR5:3089078	SSF x Far_LoA	-11,0380274	0,024	0,321
CHR5	30894653	CHR5:30894653	SSF x Far_LoA	-2,71715692	-0,082	0,304
CHR5	30894667	CHR5:30894667	SSF x Far_LoA	-9,50647151	-0,079	0,306
CHR5	30894702	CHR5:30894702	SSF x Far_LoA	-10,1447819	0,030	0,303
CHR5	30900671	CHR5:30900671	SSF x Far_LoA	-6,57244593	0,072	0,306
CHR5	30900719	CHR5:30900719	SSF x Far_LoA	-11,2395387	-0,103	0,293
CHR5	30900739	CHR5:30900739	SSF x Far_LoA	-10,5405898	0,093	0,307
CHR5	30900838	CHR5:30900838	SSF x Far_LoA	-9,91161626	-0,024	0,300
CHR5	30900864	CHR5:30900864	SSF x Far_LoA	2,28368094	-0,145	0,314
CHR5	30900888	CHR5:30900888	SSF x Far_LoA	-8,6312749	-0,027	0,298
CHR5	30902885	CHR5:30902885	SSF x Far_LoA	-9,12569422	-0,040	0,307
CHR5	30902897	CHR5:30902897	SSF x Far_LoA	-8,73020681	0,015	0,304
CHR5	30902949	CHR5:30902949	SSF x Far_LoA	-9,54918082	-0,016	0,306
CHR5	30902990	CHR5:30902990	SSF x Far_LoA	-9,74791877	0,089	0,307
CHR5	30903175	CHR5:30903175	SSF x Far_LoA	-7,06001678	0,138	0,307
CHR5	30903203	CHR5:30903203	SSF x Far_LoA	-11,2783491	-0,065	0,321
CHR5	30907301	CHR5:30907301	SSF x Far_LoA	-9,0439807	0,115	0,302
CHR5	30929566	CHR5:30929566	SSF x Far_LoA	-11,5340019	0,029	0,302
CHR5	30933360	CHR5:30933360	SSF x Far_LoA	-10,2312388	-0,022	0,311
CHR5	30933508	CHR5:30933508	SSF x Far_LoA	-9,50768359	-0,014	0,323

CHR5	30938671	CHR5:30938671	SSF x Far_LoA	-10,1637209	-0,025	0,318
CHR5	30938715	CHR5:30938715	SSF x Far_LoA	-11,6668728	-0,003	0,298
CHR5	30938748	CHR5:30938748	SSF x Far_LoA	-8,49461699	-0,023	0,314
CHR5	30939245	CHR5:30939245	SSF x Far_LoA	-8,58105626	0,020	0,307
CHR5	30939284	CHR5:30939284	SSF x Far_LoA	-9,12949231	0,095	0,311
CHR5	30952800	CHR5:30952800	SSF x Far_LoA	-10,0893386	-0,082	0,302
CHR5	30970150	CHR5:30970150	SSF x Far_LoA	-7,91454575	0,033	0,304
CHR5	30970185	CHR5:30970185	SSF x Far_LoA	-5,32935447	-0,032	0,306
CHR5	30970267	CHR5:30970267	SSF x Far_LoA	-7,54816287	-0,163	0,313
CHR5	30970382	CHR5:30970382	SSF x Far_LoA	-8,20871677	0,019	0,313
CHR5	30974747	CHR5:30974747	SSF x Far_LoA	-10,4005106	-0,024	0,311
CHR5	30974748	CHR5:30974748	SSF x Far_LoA	-7,31143312	0,006	0,303
CHR5	30978447	CHR5:30978447	SSF x Far_LoA	-7,49636468	-0,003	0,316
CHR5	30978486	CHR5:30978486	SSF x Far_LoA	-8,4010277	-0,020	0,288
CHR5	31020670	CHR5:31020670	SSF x Far_LoA	-10,4640068	-0,005	0,319
CHR5	31021215	CHR5:31021215	SSF x Far_LoA	-10,401189	0,025	0,312
CHR5	31029369	CHR5:31029369	SSF x Far_LoA	-9,44487206	0,000	0,296
CHR5	31029656	CHR5:31029656	SSF x Far_LoA	-8,04175725	0,055	0,307
CHR5	31040194	CHR5:31040194	SSF x Far_LoA	-8,72247324	0,101	0,306
CHR5	31040317	CHR5:31040317	SSF x Far_LoA	-7,88531238	0,078	0,309
CHR5	31047433	CHR5:31047433	SSF x Far_LoA	-7,26985748	-0,073	0,303
CHR5	31047586	CHR5:31047586	SSF x Far_LoA	-11,8982972	0,076	0,297
CHR5	31047617	CHR5:31047617	SSF x Far_LoA	-3,48857153	-0,057	0,302
CHR5	31049827	CHR5:31049827	SSF x Far_LoA	0,00776507	-0,140	0,304
CHR5	31050227	CHR5:31050227	SSF x Far_LoA	-9,35877272	0,011	0,289
CHR5	31050257	CHR5:31050257	SSF x Far_LoA	-8,78989706	-0,002	0,290
CHR5	31050268	CHR5:31050268	SSF x Far_LoA	-9,7964168	-0,038	0,312
CHR5	31061435	CHR5:31061435	SSF x Far_LoA	-9,42418331	-0,034	0,309
CHR5	31061437	CHR5:31061437	SSF x Far_LoA	-8,88887363	0,117	0,291
CHR5	31061663	CHR5:31061663	SSF x Far_LoA	-9,71446581	-0,126	0,306
CHR5	31061686	CHR5:31061686	SSF x Far_LoA	-8,88338636	0,139	0,294
CHR5	31061697	CHR5:31061697	SSF x Far_LoA	-6,72340515	0,061	0,318
CHR5	31068970	CHR5:31068970	SSF x Far_LoA	-12,1992683	-0,114	0,309
CHR5	31068975	CHR5:31068975	SSF x Far_LoA	-10,7001965	-0,095	0,310
CHR5	31069054	CHR5:31069054	SSF x Far_LoA	-9,02938541	-0,059	0,310
CHR5	31097164	CHR5:31097164	SSF x Far_LoA	-9,91565493	0,015	0,292
CHR5	31097229	CHR5:31097229	SSF x Far_LoA	-10,5444203	0,002	0,306
CHR5	31101919	CHR5:31101919	SSF x Far_LoA	-6,1399834	-0,031	0,295
CHR5	31102033	CHR5:31102033	SSF x Far_LoA	-7,80707629	0,057	0,326
CHR5	31102068	CHR5:31102068	SSF x Far_LoA	-9,50478983	0,078	0,301
CHR5	31102093	CHR5:31102093	SSF x Far_LoA	-8,66638469	-0,070	0,315
CHR5	31128279	CHR5:31128279	SSF x Far_LoA	-7,61087688	0,096	0,313
CHR5	31132473	CHR5:31132473	SSF x Far_LoA	-8,03789682	0,118	0,307
CHR5	311505	CHR5:311505	SSF x Far_LoA	-7,83779378	0,043	0,311
CHR5	31186456	CHR5:31186456	SSF x Far_LoA	-7,12540903	-0,076	0,298
CHR5	31187440	CHR5:31187440	SSF x Far_LoA	-7,60034208	-0,069	0,304
CHR5	31197794	CHR5:31197794	SSF x Far_LoA	-8,94547564	-0,029	0,305
CHR5	31197816	CHR5:31197816	SSF x Far_LoA	-9,91307043	-0,061	0,295
CHR5	31198115	CHR5:31198115	SSF x Far_LoA	-9,53140806	-0,057	0,321
CHR5	3119997	CHR5:3119997	SSF x Far_LoA	-9,8549324	0,089	0,304
CHR5	31202053	CHR5:31202053	SSF x Far_LoA	-10,2219426	0,038	0,316
CHR5	31202172	CHR5:31202172	SSF x Far_LoA	10,0843639	0,224	0,299
CHR5	31202181	CHR5:31202181	SSF x Far_LoA	-11,2776888	-0,076	0,315

CHR5	31209435	CHR5:31209435	SSF x Far_LoA	-9,07017225	-0,044	0,301
CHR5	31211942	CHR5:31211942	SSF x Far_LoA	-6,74007358	0,152	0,292
CHR5	31213754	CHR5:31213754	SSF x Far_LoA	-9,70565861	0,087	0,315
CHR5	31233272	CHR5:31233272	SSF x Far_LoA	-10,9171398	-0,057	0,318
CHR5	31233425	CHR5:31233425	SSF x Far_LoA	-9,63836694	0,019	0,310
CHR5	31233472	CHR5:31233472	SSF x Far_LoA	-10,4597898	0,026	0,312
CHR5	31240023	CHR5:31240023	SSF x Far_LoA	-9,80610126	-0,052	0,307
CHR5	31240604	CHR5:31240604	SSF x Far_LoA	-7,71058367	0,099	0,315
CHR5	31240607	CHR5:31240607	SSF x Far_LoA	-6,82263677	0,086	0,311
CHR5	31240645	CHR5:31240645	SSF x Far_LoA	-9,67813583	0,060	0,292
CHR5	3124131	CHR5:3124131	SSF x Far_LoA	-11,1528501	0,009	0,321
CHR5	31270734	CHR5:31270734	SSF x Far_LoA	-6,86744805	-0,112	0,295
CHR5	31278675	CHR5:31278675	SSF x Far_LoA	-9,55813274	0,040	0,298
CHR5	31282238	CHR5:31282238	SSF x Far_LoA	-10,7914245	-0,052	0,298
CHR5	31282400	CHR5:31282400	SSF x Far_LoA	-9,83032671	0,079	0,308
CHR5	31289088	CHR5:31289088	SSF x Far_LoA	-6,53943081	-0,054	0,324
CHR5	31289982	CHR5:31289982	SSF x Far_LoA	-11,1530915	0,005	0,318
CHR5	31289989	CHR5:31289989	SSF x Far_LoA	-11,4747569	0,003	0,304
CHR5	31290053	CHR5:31290053	SSF x Far_LoA	-12,1592384	0,001	0,305
CHR5	31294341	CHR5:31294341	SSF x Far_LoA	-9,22623123	-0,081	0,295
CHR5	31321924	CHR5:31321924	SSF x Far_LoA	-8,05890558	-0,040	0,306
CHR5	31321958	CHR5:31321958	SSF x Far_LoA	-9,71162979	-0,080	0,295
CHR5	31322105	CHR5:31322105	SSF x Far_LoA	-8,57921989	-0,035	0,302
CHR5	31325721	CHR5:31325721	SSF x Far_LoA	-9,86443369	0,137	0,304
CHR5	31328672	CHR5:31328672	SSF x Far_LoA	-9,19236105	-0,098	0,295
CHR5	31328743	CHR5:31328743	SSF x Far_LoA	-9,16163428	0,011	0,317
CHR5	31329066	CHR5:31329066	SSF x Far_LoA	-8,41873751	-0,070	0,314
CHR5	31329084	CHR5:31329084	SSF x Far_LoA	-9,13451686	-0,034	0,315
CHR5	31329091	CHR5:31329091	SSF x Far_LoA	-6,48563979	0,039	0,328
CHR5	3133033	CHR5:3133033	SSF x Far_LoA	-7,7714002	0,016	0,309
CHR5	31333737	CHR5:31333737	SSF x Far_LoA	-11,1967509	0,044	0,309
CHR5	31335678	CHR5:31335678	SSF x Far_LoA	-8,79257054	0,190	0,291
CHR5	31335712	CHR5:31335712	SSF x Far_LoA	-8,96299881	-0,172	0,302
CHR5	31335855	CHR5:31335855	SSF x Far_LoA	-8,71944076	-0,050	0,306
CHR5	31335856	CHR5:31335856	SSF x Far_LoA	-8,57038783	0,074	0,309
CHR5	31339568	CHR5:31339568	SSF x Far_LoA	-8,98227068	-0,098	0,307
CHR5	31342367	CHR5:31342367	SSF x Far_LoA	-9,93839188	0,013	0,319
CHR5	31342373	CHR5:31342373	SSF x Far_LoA	-8,18773795	-0,011	0,327
CHR5	31342439	CHR5:31342439	SSF x Far_LoA	-6,89580675	-0,176	0,290
CHR5	31342575	CHR5:31342575	SSF x Far_LoA	-10,4627645	-0,002	0,282
CHR5	31342622	CHR5:31342622	SSF x Far_LoA	-10,7026545	-0,118	0,290
CHR5	31352062	CHR5:31352062	SSF x Far_LoA	-9,08519924	-0,033	0,305
CHR5	31352079	CHR5:31352079	SSF x Far_LoA	-7,39939293	0,092	0,303
CHR5	31352095	CHR5:31352095	SSF x Far_LoA	-10,1495648	0,031	0,294
CHR5	31355363	CHR5:31355363	SSF x Far_LoA	-1,54411818	-0,131	0,310
CHR5	31355454	CHR5:31355454	SSF x Far_LoA	-6,41987903	0,131	0,296
CHR5	31358360	CHR5:31358360	SSF x Far_LoA	-2,43815973	-0,055	0,311
CHR5	31358497	CHR5:31358497	SSF x Far_LoA	-8,03273322	-0,101	0,298
CHR5	31358540	CHR5:31358540	SSF x Far_LoA	-7,36481901	0,009	0,293
CHR5	31358564	CHR5:31358564	SSF x Far_LoA	-8,75383344	-0,069	0,306
CHR5	31358593	CHR5:31358593	SSF x Far_LoA	-9,5476674	0,080	0,317
CHR5	31359494	CHR5:31359494	SSF x Far_LoA	-10,0270029	0,041	0,312
CHR5	31359504	CHR5:31359504	SSF x Far_LoA	-3,62286445	0,170	0,299

CHR5	31359509	CHR5:31359509	SSF x Far_LoA	-5,7950259	0,165	0,303
CHR5	31359523	CHR5:31359523	SSF x Far_LoA	-8,26491885	0,077	0,310
CHR5	31361774	CHR5:31361774	SSF x Far_LoA	-9,71171353	-0,004	0,300
CHR5	31361904	CHR5:31361904	SSF x Far_LoA	-2,26453052	-0,052	0,313
CHR5	31361916	CHR5:31361916	SSF x Far_LoA	-7,18376118	0,019	0,300
CHR5	31361930	CHR5:31361930	SSF x Far_LoA	-11,0942151	0,031	0,299
CHR5	31370101	CHR5:31370101	SSF x Far_LoA	-7,2782304	-0,086	0,316
CHR5	31370538	CHR5:31370538	SSF x Far_LoA	-9,71254894	0,012	0,313
CHR5	31376886	CHR5:31376886	SSF x Far_LoA	-8,09644864	-0,117	0,314
CHR5	31377230	CHR5:31377230	SSF x Far_LoA	-7,54520938	0,002	0,313
CHR5	31377233	CHR5:31377233	SSF x Far_LoA	-10,8301912	0,026	0,310
CHR5	31379021	CHR5:31379021	SSF x Far_LoA	-8,11282243	0,004	0,314
CHR5	31379049	CHR5:31379049	SSF x Far_LoA	-8,77162936	0,041	0,312
CHR5	31379141	CHR5:31379141	SSF x Far_LoA	-2,93678026	-0,047	0,310
CHR5	31383236	CHR5:31383236	SSF x Far_LoA	-8,78242606	0,062	0,316
CHR5	31389655	CHR5:31389655	SSF x Far_LoA	-11,7952733	0,036	0,315
CHR5	31389982	CHR5:31389982	SSF x Far_LoA	-12,1262463	-0,024	0,272
CHR5	31390004	CHR5:31390004	SSF x Far_LoA	-10,7416285	0,009	0,318
CHR5	31390088	CHR5:31390088	SSF x Far_LoA	-8,59374887	0,069	0,308
CHR5	31396788	CHR5:31396788	SSF x Far_LoA	-9,56086446	-0,020	0,297
CHR5	31396797	CHR5:31396797	SSF x Far_LoA	-5,6235818	0,150	0,304
CHR5	3140955	CHR5:3140955	SSF x Far_LoA	-10,7787962	-0,003	0,303
CHR5	3141122	CHR5:3141122	SSF x Far_LoA	-10,700629	-0,023	0,319
CHR5	31416240	CHR5:31416240	SSF x Far_LoA	-10,7472498	0,021	0,308
CHR5	31421382	CHR5:31421382	SSF x Far_LoA	-10,3584515	0,061	0,311
CHR5	31421384	CHR5:31421384	SSF x Far_LoA	-10,4631418	0,007	0,313
CHR5	31421420	CHR5:31421420	SSF x Far_LoA	-10,1894419	-0,002	0,317
CHR5	31421439	CHR5:31421439	SSF x Far_LoA	-10,6777772	-0,035	0,305
CHR5	31421516	CHR5:31421516	SSF x Far_LoA	-9,30501947	0,037	0,304
CHR5	3142555	CHR5:3142555	SSF x Far_LoA	-10,7629875	-0,044	0,302
CHR5	3142566	CHR5:3142566	SSF x Far_LoA	-10,3855155	0,071	0,302
CHR5	31425762	CHR5:31425762	SSF x Far_LoA	-10,5827254	-0,014	0,306
CHR5	3142585	CHR5:3142585	SSF x Far_LoA	-8,64819952	0,182	0,301
CHR5	31425915	CHR5:31425915	SSF x Far_LoA	-10,9939386	0,000	0,306
CHR5	3142620	CHR5:3142620	SSF x Far_LoA	-10,7481834	0,000	0,302
CHR5	3142649	CHR5:3142649	SSF x Far_LoA	-6,20228497	0,060	0,319
CHR5	31432208	CHR5:31432208	SSF x Far_LoA	-10,3960899	0,015	0,301
CHR5	31432213	CHR5:31432213	SSF x Far_LoA	-9,32237259	0,019	0,299
CHR5	31432228	CHR5:31432228	SSF x Far_LoA	-10,922811	-0,059	0,310
CHR5	31432236	CHR5:31432236	SSF x Far_LoA	-9,99350385	0,086	0,305
CHR5	31432272	CHR5:31432272	SSF x Far_LoA	-10,4780516	-0,056	0,321
CHR5	31432277	CHR5:31432277	SSF x Far_LoA	-11,4176352	-0,047	0,308
CHR5	3143257	CHR5:3143257	SSF x Far_LoA	-6,80565184	0,098	0,305
CHR5	3143279	CHR5:3143279	SSF x Far_LoA	-8,36477099	-0,115	0,313
CHR5	31435287	CHR5:31435287	SSF x Far_LoA	-10,0524117	-0,149	0,298
CHR5	31443634	CHR5:31443634	SSF x Far_LoA	-7,00552183	-0,030	0,306
CHR5	31443636	CHR5:31443636	SSF x Far_LoA	-9,88661962	-0,066	0,284
CHR5	31447011	CHR5:31447011	SSF x Far_LoA	-8,51449234	-0,086	0,296
CHR5	3145568	CHR5:3145568	SSF x Far_LoA	-10,2226955	0,061	0,307
CHR5	31456895	CHR5:31456895	SSF x Far_LoA	-11,300562	0,067	0,298
CHR5	31457035	CHR5:31457035	SSF x Far_LoA	-8,69001281	-0,006	0,320
CHR5	31463616	CHR5:31463616	SSF x Far_LoA	-9,54821522	-0,024	0,313
CHR5	31463737	CHR5:31463737	SSF x Far_LoA	-8,63542746	-0,058	0,325

CHR5	31463809	CHR5:31463809	SSF x Far_LoA	-9,39172571	0,047	0,309
CHR5	31467569	CHR5:31467569	SSF x Far_LoA	-8,66679404	0,030	0,319
CHR5	31467756	CHR5:31467756	SSF x Far_LoA	-10,1669735	0,005	0,299
CHR5	31486494	CHR5:31486494	SSF x Far_LoA	-8,60060562	-0,082	0,297
CHR5	31494622	CHR5:31494622	SSF x Far_LoA	-8,5588826	0,068	0,302
CHR5	31499336	CHR5:31499336	SSF x Far_LoA	-10,2950156	-0,079	0,318
CHR5	31499378	CHR5:31499378	SSF x Far_LoA	-8,26422757	-0,153	0,311
CHR5	31499426	CHR5:31499426	SSF x Far_LoA	-8,28380542	-0,028	0,305
CHR5	31500219	CHR5:31500219	SSF x Far_LoA	-12,0449657	0,075	0,303
CHR5	31500323	CHR5:31500323	SSF x Far_LoA	-9,81618195	-0,147	0,296
CHR5	31500389	CHR5:31500389	SSF x Far_LoA	-6,54195735	0,047	0,311
CHR5	3150315	CHR5:3150315	SSF x Far_LoA	-5,37408083	0,004	0,299
CHR5	31506977	CHR5:31506977	SSF x Far_LoA	-10,4174525	0,035	0,308
CHR5	31507004	CHR5:31507004	SSF x Far_LoA	-10,0582033	-0,076	0,306
CHR5	31517243	CHR5:31517243	SSF x Far_LoA	-9,5933341	-0,016	0,322
CHR5	31517244	CHR5:31517244	SSF x Far_LoA	-10,3315766	-0,040	0,305
CHR5	31517250	CHR5:31517250	SSF x Far_LoA	-10,6870446	0,003	0,304
CHR5	31517259	CHR5:31517259	SSF x Far_LoA	-6,44320668	0,073	0,310
CHR5	31517262	CHR5:31517262	SSF x Far_LoA	-10,2666843	-0,026	0,315
CHR5	31517265	CHR5:31517265	SSF x Far_LoA	-10,5495187	0,047	0,295
CHR5	31517270	CHR5:31517270	SSF x Far_LoA	-9,06414827	-0,022	0,318
CHR5	31517274	CHR5:31517274	SSF x Far_LoA	-6,83150306	0,141	0,307
CHR5	31517369	CHR5:31517369	SSF x Far_LoA	-11,7302424	-0,004	0,297
CHR5	31517421	CHR5:31517421	SSF x Far_LoA	-9,36201145	0,066	0,304
CHR5	31517425	CHR5:31517425	SSF x Far_LoA	-8,78781653	0,017	0,313
CHR5	31517445	CHR5:31517445	SSF x Far_LoA	-8,7507894	-0,022	0,319
CHR5	31517509	CHR5:31517509	SSF x Far_LoA	-5,3267261	0,124	0,298
CHR5	31540161	CHR5:31540161	SSF x Far_LoA	-10,3521024	-0,025	0,303
CHR5	31540249	CHR5:31540249	SSF x Far_LoA	-9,20916554	0,125	0,314
CHR5	31540300	CHR5:31540300	SSF x Far_LoA	-10,1024488	-0,033	0,305
CHR5	31540308	CHR5:31540308	SSF x Far_LoA	-10,2032595	-0,044	0,312
CHR5	31540311	CHR5:31540311	SSF x Far_LoA	-11,5124445	0,069	0,299
CHR5	31540383	CHR5:31540383	SSF x Far_LoA	-7,40068449	0,142	0,301
CHR5	31540428	CHR5:31540428	SSF x Far_LoA	-10,5034472	-0,016	0,321
CHR5	31540499	CHR5:31540499	SSF x Far_LoA	-8,30996928	0,051	0,307
CHR5	31543524	CHR5:31543524	SSF x Far_LoA	-5,87764054	-0,204	0,296
CHR5	31543538	CHR5:31543538	SSF x Far_LoA	-10,0391104	-0,037	0,311
CHR5	31543570	CHR5:31543570	SSF x Far_LoA	-11,0677758	0,000	0,297
CHR5	31545334	CHR5:31545334	SSF x Far_LoA	-9,83028849	-0,075	0,309
CHR5	31545372	CHR5:31545372	SSF x Far_LoA	-7,16725319	0,124	0,305
CHR5	31545428	CHR5:31545428	SSF x Far_LoA	-8,43547363	0,005	0,281
CHR5	31545492	CHR5:31545492	SSF x Far_LoA	-11,1772271	0,065	0,306
CHR5	31549199	CHR5:31549199	SSF x Far_LoA	-8,42350602	-0,100	0,308
CHR5	31549226	CHR5:31549226	SSF x Far_LoA	-11,1813808	0,109	0,305
CHR5	31573081	CHR5:31573081	SSF x Far_LoA	-9,57785305	0,088	0,310
CHR5	31573126	CHR5:31573126	SSF x Far_LoA	-7,79951901	-0,181	0,289
CHR5	31573224	CHR5:31573224	SSF x Far_LoA	-9,66232422	0,102	0,318
CHR5	31573318	CHR5:31573318	SSF x Far_LoA	-9,08593547	0,002	0,303
CHR5	31573323	CHR5:31573323	SSF x Far_LoA	-10,2315317	0,039	0,299
CHR5	31577216	CHR5:31577216	SSF x Far_LoA	-10,8150104	0,024	0,311
CHR5	31577280	CHR5:31577280	SSF x Far_LoA	-11,014469	0,004	0,318
CHR5	31583481	CHR5:31583481	SSF x Far_LoA	-8,83811543	0,088	0,311
CHR5	31587031	CHR5:31587031	SSF x Far_LoA	-9,64095712	0,100	0,310

CHR5	31588708	CHR5:31588708	SSF x Far_LoA	-8,2727531	0,022	0,309
CHR5	31588787	CHR5:31588787	SSF x Far_LoA	-8,79710283	-0,105	0,311
CHR5	31589028	CHR5:31589028	SSF x Far_LoA	-11,2696402	0,026	0,318
CHR5	31591690	CHR5:31591690	SSF x Far_LoA	-6,44041557	-0,142	0,302
CHR5	31611800	CHR5:31611800	SSF x Far_LoA	-7,30689768	-0,121	0,286
CHR5	31611924	CHR5:31611924	SSF x Far_LoA	-10,0247677	0,023	0,308
CHR5	31611992	CHR5:31611992	SSF x Far_LoA	-9,50508719	0,038	0,300
CHR5	31621658	CHR5:31621658	SSF x Far_LoA	-11,9406017	-0,010	0,295
CHR5	31621696	CHR5:31621696	SSF x Far_LoA	-7,6513069	-0,062	0,297
CHR5	31621699	CHR5:31621699	SSF x Far_LoA	-10,0175675	0,039	0,305
CHR5	316266	CHR5:316266	SSF x Far_LoA	-9,41901987	0,017	0,308
CHR5	316295	CHR5:316295	SSF x Far_LoA	-8,86507573	-0,106	0,301
CHR5	31635709	CHR5:31635709	SSF x Far_LoA	-6,19377916	0,140	0,293
CHR5	31648344	CHR5:31648344	SSF x Far_LoA	-10,5176754	-0,127	0,301
CHR5	31648346	CHR5:31648346	SSF x Far_LoA	-4,72717572	-0,037	0,310
CHR5	31648350	CHR5:31648350	SSF x Far_LoA	-7,0294425	0,103	0,315
CHR5	31648514	CHR5:31648514	SSF x Far_LoA	-10,4759533	-0,092	0,306
CHR5	31648515	CHR5:31648515	SSF x Far_LoA	-11,4858809	-0,080	0,304
CHR5	31648528	CHR5:31648528	SSF x Far_LoA	-9,38932304	0,006	0,301
CHR5	3164955	CHR5:3164955	SSF x Far_LoA	-1,41613045	-0,091	0,307
CHR5	31650722	CHR5:31650722	SSF x Far_LoA	-9,73992884	0,008	0,296
CHR5	31650960	CHR5:31650960	SSF x Far_LoA	-9,86091209	-0,006	0,310
CHR5	31652524	CHR5:31652524	SSF x Far_LoA	-7,86219176	0,092	0,303
CHR5	31654951	CHR5:31654951	SSF x Far_LoA	-12,1747939	-0,033	0,308
CHR5	31654984	CHR5:31654984	SSF x Far_LoA	-6,64713689	0,069	0,324
CHR5	31654995	CHR5:31654995	SSF x Far_LoA	-10,4305973	0,113	0,316
CHR5	31655002	CHR5:31655002	SSF x Far_LoA	-10,6225643	-0,005	0,290
CHR5	31655004	CHR5:31655004	SSF x Far_LoA	-10,4749142	0,006	0,300
CHR5	31659668	CHR5:31659668	SSF x Far_LoA	-6,28297267	-0,106	0,303
CHR5	31659669	CHR5:31659669	SSF x Far_LoA	-10,2866569	-0,062	0,311
CHR5	31669887	CHR5:31669887	SSF x Far_LoA	-9,56404209	0,080	0,306
CHR5	31669999	CHR5:31669999	SSF x Far_LoA	-10,678446	-0,001	0,302
CHR5	31670001	CHR5:31670001	SSF x Far_LoA	-6,82835805	0,062	0,307
CHR5	31672217	CHR5:31672217	SSF x Far_LoA	-9,2327484	0,101	0,314
CHR5	31672224	CHR5:31672224	SSF x Far_LoA	-8,79921021	-0,037	0,315
CHR5	3168304	CHR5:3168304	SSF x Far_LoA	-10,5416356	0,080	0,307
CHR5	31684954	CHR5:31684954	SSF x Far_LoA	-9,17657921	0,056	0,292
CHR5	31685022	CHR5:31685022	SSF x Far_LoA	-11,6893412	0,020	0,307
CHR5	31693469	CHR5:31693469	SSF x Far_LoA	-11,2694832	0,048	0,303
CHR5	31693652	CHR5:31693652	SSF x Far_LoA	-10,0889265	-0,024	0,324
CHR5	31710609	CHR5:31710609	SSF x Far_LoA	-7,60965923	0,139	0,309
CHR5	31710660	CHR5:31710660	SSF x Far_LoA	-10,846094	-0,055	0,313
CHR5	31710680	CHR5:31710680	SSF x Far_LoA	-9,36994652	-0,072	0,304
CHR5	31710694	CHR5:31710694	SSF x Far_LoA	-7,00254861	0,106	0,287
CHR5	31710733	CHR5:31710733	SSF x Far_LoA	-8,37420382	0,073	0,304
CHR5	31710760	CHR5:31710760	SSF x Far_LoA	-8,90026728	-0,020	0,312
CHR5	31710765	CHR5:31710765	SSF x Far_LoA	-8,56593841	-0,020	0,318
CHR5	31710769	CHR5:31710769	SSF x Far_LoA	-9,77192783	-0,047	0,308
CHR5	31713032	CHR5:31713032	SSF x Far_LoA	-9,52495476	0,052	0,301
CHR5	31713049	CHR5:31713049	SSF x Far_LoA	-10,3254595	0,068	0,296
CHR5	31713211	CHR5:31713211	SSF x Far_LoA	-9,99980029	0,068	0,299
CHR5	31713269	CHR5:31713269	SSF x Far_LoA	-8,4274074	-0,039	0,314
CHR5	31728114	CHR5:31728114	SSF x Far_LoA	-10,0162656	-0,008	0,314

CHR5	31733340	CHR5:31733340	SSF x Far_LoA	-3,57772995	-0,071	0,300
CHR5	31734700	CHR5:31734700	SSF x Far_LoA	-8,17232016	0,025	0,297
CHR5	31736407	CHR5:31736407	SSF x Far_LoA	-10,8337049	0,046	0,310
CHR5	31738351	CHR5:31738351	SSF x Far_LoA	-11,1409538	-0,058	0,313
CHR5	31738356	CHR5:31738356	SSF x Far_LoA	-8,22579528	-0,064	0,320
CHR5	31738460	CHR5:31738460	SSF x Far_LoA	-8,30881885	-0,065	0,292
CHR5	31748465	CHR5:31748465	SSF x Far_LoA	-9,81502626	0,112	0,295
CHR5	31748570	CHR5:31748570	SSF x Far_LoA	-11,1455415	-0,024	0,306
CHR5	31760899	CHR5:31760899	SSF x Far_LoA	-9,99093511	-0,114	0,305
CHR5	31760997	CHR5:31760997	SSF x Far_LoA	-10,7430132	-0,047	0,303
CHR5	31768288	CHR5:31768288	SSF x Far_LoA	-8,23418419	-0,051	0,301
CHR5	31768389	CHR5:31768389	SSF x Far_LoA	-9,15943874	-0,053	0,291
CHR5	31771455	CHR5:31771455	SSF x Far_LoA	-6,39089344	0,085	0,303
CHR5	31771524	CHR5:31771524	SSF x Far_LoA	-10,3323098	-0,049	0,305
CHR5	31771539	CHR5:31771539	SSF x Far_LoA	-10,4668164	0,029	0,315
CHR5	31771639	CHR5:31771639	SSF x Far_LoA	-8,38897077	-0,073	0,304
CHR5	31773674	CHR5:31773674	SSF x Far_LoA	-11,4658928	0,032	0,302
CHR5	31773845	CHR5:31773845	SSF x Far_LoA	-8,29622349	-0,015	0,311
CHR5	31795633	CHR5:31795633	SSF x Far_LoA	-12,0026594	-0,008	0,279
CHR5	31795656	CHR5:31795656	SSF x Far_LoA	-0,32504617	0,068	0,305
CHR5	31797824	CHR5:31797824	SSF x Far_LoA	-10,5532315	-0,054	0,310
CHR5	31797860	CHR5:31797860	SSF x Far_LoA	-8,27037573	-0,078	0,315
CHR5	31797945	CHR5:31797945	SSF x Far_LoA	-10,0905394	-0,034	0,298
CHR5	31815061	CHR5:31815061	SSF x Far_LoA	-11,0160299	0,071	0,291
CHR5	3182242	CHR5:3182242	SSF x Far_LoA	-10,4594551	-0,022	0,313
CHR5	3182280	CHR5:3182280	SSF x Far_LoA	-9,74573558	-0,031	0,311
CHR5	3182281	CHR5:3182281	SSF x Far_LoA	-8,52584932	0,079	0,305
CHR5	3182286	CHR5:3182286	SSF x Far_LoA	-11,3431756	-0,014	0,296
CHR5	3182294	CHR5:3182294	SSF x Far_LoA	-10,157292	0,009	0,316
CHR5	3182316	CHR5:3182316	SSF x Far_LoA	-6,92404346	0,009	0,318
CHR5	3182336	CHR5:3182336	SSF x Far_LoA	-11,6539861	0,082	0,297
CHR5	3182348	CHR5:3182348	SSF x Far_LoA	-9,68696276	0,089	0,309
CHR5	31827329	CHR5:31827329	SSF x Far_LoA	-7,98339203	0,073	0,309
CHR5	31827349	CHR5:31827349	SSF x Far_LoA	-8,35481947	0,101	0,319
CHR5	31830005	CHR5:31830005	SSF x Far_LoA	-9,08483938	-0,137	0,310
CHR5	31830088	CHR5:31830088	SSF x Far_LoA	-11,3546857	-0,064	0,308
CHR5	31845481	CHR5:31845481	SSF x Far_LoA	-8,21462625	-0,065	0,302
CHR5	3185580	CHR5:3185580	SSF x Far_LoA	-11,6197179	0,071	0,307
CHR5	3185636	CHR5:3185636	SSF x Far_LoA	-9,37474163	0,116	0,314
CHR5	3185643	CHR5:3185643	SSF x Far_LoA	-11,2566813	0,069	0,319
CHR5	3185647	CHR5:3185647	SSF x Far_LoA	-12,2421531	-0,031	0,311
CHR5	31856938	CHR5:31856938	SSF x Far_LoA	-7,71607527	0,061	0,315
CHR5	31856972	CHR5:31856972	SSF x Far_LoA	-10,2437836	-0,075	0,285
CHR5	31857005	CHR5:31857005	SSF x Far_LoA	-10,1100178	-0,019	0,305
CHR5	31857079	CHR5:31857079	SSF x Far_LoA	-9,88092072	0,057	0,305
CHR5	31857162	CHR5:31857162	SSF x Far_LoA	-7,3825779	0,026	0,308
CHR5	3185747	CHR5:3185747	SSF x Far_LoA	-7,02472499	-0,071	0,302
CHR5	31870569	CHR5:31870569	SSF x Far_LoA	-10,9000614	0,120	0,299
CHR5	31870758	CHR5:31870758	SSF x Far_LoA	-9,61959192	-0,024	0,322
CHR5	3194726	CHR5:3194726	SSF x Far_LoA	-10,2738579	-0,061	0,293
CHR5	3194733	CHR5:3194733	SSF x Far_LoA	-11,2246774	-0,093	0,302
CHR5	3194735	CHR5:3194735	SSF x Far_LoA	-8,86963496	0,078	0,296
CHR5	31949748	CHR5:31949748	SSF x Far_LoA	-11,3305089	-0,037	0,306

CHR5	31962882	CHR5:31962882	SSF x Far_LoA	-10,6405006	-0,061	0,308
CHR5	31963358	CHR5:31963358	SSF x Far_LoA	-10,8261339	-0,003	0,295
CHR5	3196925	CHR5:3196925	SSF x Far_LoA	-9,34859012	0,019	0,309
CHR5	31979207	CHR5:31979207	SSF x Far_LoA	-8,92901255	0,040	0,297
CHR5	31979222	CHR5:31979222	SSF x Far_LoA	-9,84204859	-0,035	0,308
CHR5	31979238	CHR5:31979238	SSF x Far_LoA	-9,42991539	0,016	0,317
CHR5	31979271	CHR5:31979271	SSF x Far_LoA	-9,53575206	0,032	0,307
CHR5	31979283	CHR5:31979283	SSF x Far_LoA	-6,65275002	0,022	0,312
CHR5	31979296	CHR5:31979296	SSF x Far_LoA	-9,62428836	0,011	0,314
CHR5	31979325	CHR5:31979325	SSF x Far_LoA	-8,26987982	-0,010	0,305
CHR5	31979328	CHR5:31979328	SSF x Far_LoA	-9,3846991	0,036	0,312
CHR5	32000759	CHR5:32000759	SSF x Far_LoA	-10,1639835	-0,040	0,292
CHR5	32006339	CHR5:32006339	SSF x Far_LoA	-10,3781424	0,015	0,304
CHR5	32006341	CHR5:32006341	SSF x Far_LoA	-10,0647549	0,024	0,307
CHR5	32006343	CHR5:32006343	SSF x Far_LoA	-9,27005541	0,009	0,293
CHR5	32021267	CHR5:32021267	SSF x Far_LoA	-9,8225498	0,012	0,307
CHR5	3203331	CHR5:3203331	SSF x Far_LoA	-10,2713264	-0,018	0,304
CHR5	3203607	CHR5:3203607	SSF x Far_LoA	-4,51199962	-0,122	0,304
CHR5	3203630	CHR5:3203630	SSF x Far_LoA	-6,73172902	0,180	0,287
CHR5	32037703	CHR5:32037703	SSF x Far_LoA	-11,0418247	-0,111	0,299
CHR5	32051331	CHR5:32051331	SSF x Far_LoA	-8,53674667	0,069	0,313
CHR5	32055160	CHR5:32055160	SSF x Far_LoA	-9,51430797	-0,097	0,321
CHR5	32062221	CHR5:32062221	SSF x Far_LoA	-9,03602564	0,046	0,296
CHR5	32062362	CHR5:32062362	SSF x Far_LoA	-9,13377501	-0,023	0,307
CHR5	32062371	CHR5:32062371	SSF x Far_LoA	-10,4800582	-0,006	0,301
CHR5	32062372	CHR5:32062372	SSF x Far_LoA	-9,8777927	-0,078	0,315
CHR5	3206362	CHR5:3206362	SSF x Far_LoA	-9,92872895	-0,071	0,322
CHR5	3206439	CHR5:3206439	SSF x Far_LoA	-9,75033376	0,186	0,283
CHR5	3206474	CHR5:3206474	SSF x Far_LoA	-9,83775421	-0,040	0,308
CHR5	3206481	CHR5:3206481	SSF x Far_LoA	-9,64716257	-0,037	0,309
CHR5	32075341	CHR5:32075341	SSF x Far_LoA	-9,1484559	0,070	0,314
CHR5	32075342	CHR5:32075342	SSF x Far_LoA	-11,2698776	-0,078	0,303
CHR5	32075344	CHR5:32075344	SSF x Far_LoA	-9,35976116	-0,032	0,307
CHR5	32075377	CHR5:32075377	SSF x Far_LoA	-8,52098925	0,002	0,307
CHR5	32075584	CHR5:32075584	SSF x Far_LoA	-10,4159016	0,063	0,324
CHR5	32082681	CHR5:32082681	SSF x Far_LoA	-6,7017666	0,013	0,312
CHR5	32090589	CHR5:32090589	SSF x Far_LoA	-9,37970986	0,014	0,300
CHR5	32090821	CHR5:32090821	SSF x Far_LoA	-9,5527128	0,115	0,293
CHR5	32090835	CHR5:32090835	SSF x Far_LoA	-5,59116006	-0,011	0,316
CHR5	32092294	CHR5:32092294	SSF x Far_LoA	-9,16356716	0,016	0,299
CHR5	32094640	CHR5:32094640	SSF x Far_LoA	-3,59728424	0,054	0,287
CHR5	32094667	CHR5:32094667	SSF x Far_LoA	-7,89490798	-0,002	0,309
CHR5	32094672	CHR5:32094672	SSF x Far_LoA	-9,55370596	0,067	0,306
CHR5	32097093	CHR5:32097093	SSF x Far_LoA	-8,56952569	0,009	0,309
CHR5	32097096	CHR5:32097096	SSF x Far_LoA	-8,37683934	0,039	0,297
CHR5	32097098	CHR5:32097098	SSF x Far_LoA	-8,90818772	0,026	0,300
CHR5	32097159	CHR5:32097159	SSF x Far_LoA	-0,8338424	-0,015	0,295
CHR5	32102569	CHR5:32102569	SSF x Far_LoA	-11,1546657	-0,024	0,309
CHR5	32102666	CHR5:32102666	SSF x Far_LoA	-10,4976047	0,032	0,305
CHR5	3210924	CHR5:3210924	SSF x Far_LoA	-7,95506671	-0,028	0,305
CHR5	3211176	CHR5:3211176	SSF x Far_LoA	-7,85961572	-0,020	0,312
CHR5	3211199	CHR5:3211199	SSF x Far_LoA	-9,79038115	-0,078	0,315
CHR5	32114077	CHR5:32114077	SSF x Far_LoA	-11,7124343	0,002	0,304

CHR5	32114087	CHR5:32114087	SSF x Far_LoA	-9,92684515	0,016	0,318
CHR5	32118175	CHR5:32118175	SSF x Far_LoA	-8,92447721	0,067	0,309
CHR5	32118180	CHR5:32118180	SSF x Far_LoA	-9,67000372	0,064	0,308
CHR5	32118274	CHR5:32118274	SSF x Far_LoA	-8,04713051	0,013	0,309
CHR5	3212267	CHR5:3212267	SSF x Far_LoA	-9,08546551	-0,100	0,305
CHR5	3212271	CHR5:3212271	SSF x Far_LoA	-11,283089	0,096	0,293
CHR5	3212278	CHR5:3212278	SSF x Far_LoA	-8,41069321	-0,095	0,308
CHR5	3212304	CHR5:3212304	SSF x Far_LoA	-10,7834046	0,113	0,313
CHR5	32123107	CHR5:32123107	SSF x Far_LoA	-11,3274189	0,042	0,301
CHR5	32123125	CHR5:32123125	SSF x Far_LoA	-8,91694171	0,026	0,299
CHR5	32123201	CHR5:32123201	SSF x Far_LoA	-8,97538316	-0,054	0,318
CHR5	3212465	CHR5:3212465	SSF x Far_LoA	-9,04683511	0,029	0,305
CHR5	32132958	CHR5:32132958	SSF x Far_LoA	-8,108981	0,135	0,297
CHR5	32140144	CHR5:32140144	SSF x Far_LoA	-9,1036045	-0,046	0,306
CHR5	32140180	CHR5:32140180	SSF x Far_LoA	-11,4096876	-0,053	0,293
CHR5	32140196	CHR5:32140196	SSF x Far_LoA	-11,4502846	0,068	0,311
CHR5	32140201	CHR5:32140201	SSF x Far_LoA	-10,5366646	-0,049	0,303
CHR5	32140231	CHR5:32140231	SSF x Far_LoA	-11,3025824	-0,034	0,299
CHR5	32143559	CHR5:32143559	SSF x Far_LoA	-8,38299467	-0,051	0,312
CHR5	32143594	CHR5:32143594	SSF x Far_LoA	-11,2985545	0,003	0,317
CHR5	32143665	CHR5:32143665	SSF x Far_LoA	-11,0047682	0,109	0,292
CHR5	32143666	CHR5:32143666	SSF x Far_LoA	-10,793989	0,082	0,294
CHR5	32143667	CHR5:32143667	SSF x Far_LoA	-9,87601308	0,136	0,284
CHR5	32143727	CHR5:32143727	SSF x Far_LoA	-10,6563126	-0,047	0,292
CHR5	32147493	CHR5:32147493	SSF x Far_LoA	-8,59697015	0,028	0,312
CHR5	32147581	CHR5:32147581	SSF x Far_LoA	-3,27000652	0,143	0,305
CHR5	32147651	CHR5:32147651	SSF x Far_LoA	-10,9186097	0,034	0,288
CHR5	32147663	CHR5:32147663	SSF x Far_LoA	-9,87898042	-0,042	0,308
CHR5	32151091	CHR5:32151091	SSF x Far_LoA	-9,87300641	0,006	0,302
CHR5	32151910	CHR5:32151910	SSF x Far_LoA	-4,51598086	-0,050	0,304
CHR5	32155481	CHR5:32155481	SSF x Far_LoA	-8,19882115	0,005	0,324
CHR5	32155489	CHR5:32155489	SSF x Far_LoA	-7,91991929	0,025	0,318
CHR5	32155491	CHR5:32155491	SSF x Far_LoA	-5,14854032	0,024	0,316
CHR5	32190015	CHR5:32190015	SSF x Far_LoA	-10,1714885	0,062	0,304
CHR5	32190918	CHR5:32190918	SSF x Far_LoA	-11,0110984	-0,045	0,313
CHR5	32201366	CHR5:32201366	SSF x Far_LoA	-8,92523699	0,056	0,299
CHR5	3220333	CHR5:3220333	SSF x Far_LoA	-11,1008378	0,005	0,295
CHR5	3220529	CHR5:3220529	SSF x Far_LoA	-10,1543293	0,033	0,307
CHR5	3220547	CHR5:3220547	SSF x Far_LoA	-9,15326866	-0,155	0,300
CHR5	32212603	CHR5:32212603	SSF x Far_LoA	-8,1818389	0,068	0,288
CHR5	32212650	CHR5:32212650	SSF x Far_LoA	-9,10354658	-0,138	0,323
CHR5	32216332	CHR5:32216332	SSF x Far_LoA	-8,1058185	0,026	0,312
CHR5	32233828	CHR5:32233828	SSF x Far_LoA	-9,02120447	0,062	0,305
CHR5	32233873	CHR5:32233873	SSF x Far_LoA	-9,83357963	0,011	0,302
CHR5	32233899	CHR5:32233899	SSF x Far_LoA	-9,89958486	-0,059	0,319
CHR5	3223407	CHR5:3223407	SSF x Far_LoA	-8,88831736	-0,147	0,308
CHR5	32235116	CHR5:32235116	SSF x Far_LoA	-10,4831161	0,047	0,299
CHR5	32235179	CHR5:32235179	SSF x Far_LoA	-9,48959126	-0,081	0,299
CHR5	32235184	CHR5:32235184	SSF x Far_LoA	-7,19253943	0,000	0,304
CHR5	32235191	CHR5:32235191	SSF x Far_LoA	-3,69908836	0,001	0,308
CHR5	32235211	CHR5:32235211	SSF x Far_LoA	-8,31196228	-0,007	0,309
CHR5	3223558	CHR5:3223558	SSF x Far_LoA	-9,40064366	0,130	0,311
CHR5	3223573	CHR5:3223573	SSF x Far_LoA	-5,27668947	-0,222	0,290

CHR5	3223601	CHR5:3223601	SSF x Far_LoA	-10,2676416	0,052	0,322
CHR5	3223626	CHR5:3223626	SSF x Far_LoA	-9,03675271	0,092	0,308
CHR5	3223642	CHR5:3223642	SSF x Far_LoA	-8,19230167	0,021	0,311
CHR5	3223647	CHR5:3223647	SSF x Far_LoA	-8,20207548	0,064	0,303
CHR5	3223663	CHR5:3223663	SSF x Far_LoA	-11,0594059	0,032	0,290
CHR5	3223719	CHR5:3223719	SSF x Far_LoA	-9,45132098	0,088	0,306
CHR5	32250945	CHR5:32250945	SSF x Far_LoA	-8,86398383	0,155	0,293
CHR5	32250989	CHR5:32250989	SSF x Far_LoA	-7,02675006	-0,187	0,311
CHR5	32255655	CHR5:32255655	SSF x Far_LoA	-8,8416174	-0,128	0,306
CHR5	32255678	CHR5:32255678	SSF x Far_LoA	-10,7639138	0,112	0,308
CHR5	32255753	CHR5:32255753	SSF x Far_LoA	-7,91946496	-0,038	0,314
CHR5	32270004	CHR5:32270004	SSF x Far_LoA	-8,76887336	0,006	0,312
CHR5	32270005	CHR5:32270005	SSF x Far_LoA	-9,28570185	0,009	0,297
CHR5	32270044	CHR5:32270044	SSF x Far_LoA	-10,4700535	-0,002	0,305
CHR5	32270060	CHR5:32270060	SSF x Far_LoA	-8,4366244	0,013	0,310
CHR5	32286427	CHR5:32286427	SSF x Far_LoA	-10,1312328	-0,092	0,298
CHR5	32295075	CHR5:32295075	SSF x Far_LoA	-7,47241383	0,048	0,311
CHR5	32295076	CHR5:32295076	SSF x Far_LoA	-8,26425809	0,031	0,300
CHR5	32297818	CHR5:32297818	SSF x Far_LoA	-9,29878954	-0,168	0,307
CHR5	32297885	CHR5:32297885	SSF x Far_LoA	-7,675478	0,097	0,289
CHR5	32297921	CHR5:32297921	SSF x Far_LoA	-9,09551363	0,107	0,289
CHR5	32309131	CHR5:32309131	SSF x Far_LoA	-10,4841226	-0,009	0,319
CHR5	32309170	CHR5:32309170	SSF x Far_LoA	-6,52517929	0,033	0,313
CHR5	32309184	CHR5:32309184	SSF x Far_LoA	-8,02025545	-0,023	0,304
CHR5	32325971	CHR5:32325971	SSF x Far_LoA	-10,7837505	0,017	0,300
CHR5	32330557	CHR5:32330557	SSF x Far_LoA	-11,6573334	0,014	0,306
CHR5	32330656	CHR5:32330656	SSF x Far_LoA	-10,7045106	0,069	0,308
CHR5	32332226	CHR5:32332226	SSF x Far_LoA	-6,03394645	0,075	0,302
CHR5	32334689	CHR5:32334689	SSF x Far_LoA	-11,1774299	-0,055	0,299
CHR5	32334704	CHR5:32334704	SSF x Far_LoA	-9,12110666	0,038	0,301
CHR5	32334754	CHR5:32334754	SSF x Far_LoA	-9,02124617	0,028	0,308
CHR5	3233933	CHR5:3233933	SSF x Far_LoA	-11,2157082	0,007	0,304
CHR5	3233965	CHR5:3233965	SSF x Far_LoA	-6,64796036	-0,078	0,309
CHR5	3234129	CHR5:3234129	SSF x Far_LoA	-10,388349	-0,026	0,307
CHR5	32343633	CHR5:32343633	SSF x Far_LoA	-9,01845924	0,034	0,305
CHR5	32344860	CHR5:32344860	SSF x Far_LoA	-9,62822996	0,015	0,308
CHR5	32344905	CHR5:32344905	SSF x Far_LoA	-11,6005144	-0,019	0,298
CHR5	323497	CHR5:323497	SSF x Far_LoA	-8,86597042	0,091	0,306
CHR5	323526	CHR5:323526	SSF x Far_LoA	-0,75845129	0,078	0,295
CHR5	3235745	CHR5:3235745	SSF x Far_LoA	-6,75890474	-0,096	0,309
CHR5	3235889	CHR5:3235889	SSF x Far_LoA	-9,98663965	-0,098	0,296
CHR5	323592	CHR5:323592	SSF x Far_LoA	-8,57525758	-0,002	0,326
CHR5	3235960	CHR5:3235960	SSF x Far_LoA	-10,4550485	0,084	0,304
CHR5	32364342	CHR5:32364342	SSF x Far_LoA	-5,70832717	-0,096	0,306
CHR5	32364656	CHR5:32364656	SSF x Far_LoA	-10,6995654	0,067	0,301
CHR5	32371348	CHR5:32371348	SSF x Far_LoA	-9,70068086	0,021	0,296
CHR5	32373615	CHR5:32373615	SSF x Far_LoA	-9,51689233	0,055	0,305
CHR5	32392742	CHR5:32392742	SSF x Far_LoA	-10,5992357	0,061	0,311
CHR5	32392862	CHR5:32392862	SSF x Far_LoA	-9,09516553	0,095	0,312
CHR5	32392940	CHR5:32392940	SSF x Far_LoA	-9,83791509	0,071	0,301
CHR5	32392961	CHR5:32392961	SSF x Far_LoA	-9,95890941	-0,035	0,307
CHR5	32395620	CHR5:32395620	SSF x Far_LoA	-10,3231751	0,034	0,292
CHR5	32395647	CHR5:32395647	SSF x Far_LoA	-11,0051726	-0,009	0,305

CHR5	32395768	CHR5:32395768	SSF x Far_LoA	-11,6864054	0,038	0,299
CHR5	32395772	CHR5:32395772	SSF x Far_LoA	-5,82065643	0,096	0,305
CHR5	32395773	CHR5:32395773	SSF x Far_LoA	-9,4990783	0,076	0,302
CHR5	32395788	CHR5:32395788	SSF x Far_LoA	-8,39805404	0,073	0,301
CHR5	32402477	CHR5:32402477	SSF x Far_LoA	-11,092405	0,112	0,316
CHR5	32417422	CHR5:32417422	SSF x Far_LoA	-6,66762607	-0,032	0,298
CHR5	32417554	CHR5:32417554	SSF x Far_LoA	-8,25319825	0,063	0,306
CHR5	32474229	CHR5:32474229	SSF x Far_LoA	-10,0120502	0,130	0,297
CHR5	32524897	CHR5:32524897	SSF x Far_LoA	-8,63725542	0,089	0,305
CHR5	32524944	CHR5:32524944	SSF x Far_LoA	-10,7710972	-0,059	0,306
CHR5	32525068	CHR5:32525068	SSF x Far_LoA	-9,82434419	0,190	0,299
CHR5	3252869	CHR5:3252869	SSF x Far_LoA	-11,0353189	-0,011	0,316
CHR5	32531416	CHR5:32531416	SSF x Far_LoA	-11,0851516	0,043	0,291
CHR5	32580201	CHR5:32580201	SSF x Far_LoA	-8,8070039	0,052	0,299
CHR5	32585497	CHR5:32585497	SSF x Far_LoA	-11,1377576	0,041	0,314
CHR5	32585533	CHR5:32585533	SSF x Far_LoA	-9,0661243	0,059	0,322
CHR5	32604979	CHR5:32604979	SSF x Far_LoA	-8,83870972	-0,068	0,311
CHR5	32605045	CHR5:32605045	SSF x Far_LoA	-8,34524385	-0,039	0,314
CHR5	32616471	CHR5:32616471	SSF x Far_LoA	-11,5249825	-0,114	0,290
CHR5	32623096	CHR5:32623096	SSF x Far_LoA	-12,4075095	-0,004	0,303
CHR5	32635227	CHR5:32635227	SSF x Far_LoA	-8,51375942	0,026	0,319
CHR5	32638944	CHR5:32638944	SSF x Far_LoA	-7,81842128	-0,117	0,307
CHR5	32638985	CHR5:32638985	SSF x Far_LoA	-9,7570612	-0,052	0,317
CHR5	32642570	CHR5:32642570	SSF x Far_LoA	-10,2767153	-0,014	0,304
CHR5	32642768	CHR5:32642768	SSF x Far_LoA	-10,1895165	0,001	0,308
CHR5	32651525	CHR5:32651525	SSF x Far_LoA	-7,44598338	-0,067	0,310
CHR5	32651607	CHR5:32651607	SSF x Far_LoA	-9,70888548	0,059	0,298
CHR5	3269862	CHR5:3269862	SSF x Far_LoA	-9,56146174	-0,095	0,310
CHR5	3272496	CHR5:3272496	SSF x Far_LoA	-10,161883	-0,031	0,314
CHR5	3272507	CHR5:3272507	SSF x Far_LoA	-11,9251343	-0,026	0,292
CHR5	3273246	CHR5:3273246	SSF x Far_LoA	-9,59446158	-0,024	0,307
CHR5	3275451	CHR5:3275451	SSF x Far_LoA	-9,4593343	0,035	0,320
CHR5	3275453	CHR5:3275453	SSF x Far_LoA	-1,94689058	-0,137	0,299
CHR5	3276281	CHR5:3276281	SSF x Far_LoA	-8,98926312	-0,012	0,314
CHR5	3276346	CHR5:3276346	SSF x Far_LoA	-8,93309887	0,009	0,318
CHR5	3277420	CHR5:3277420	SSF x Far_LoA	-9,12198235	-0,014	0,307
CHR5	3277484	CHR5:3277484	SSF x Far_LoA	-7,35727592	0,155	0,303
CHR5	3277486	CHR5:3277486	SSF x Far_LoA	-5,89288469	0,143	0,295
CHR5	3277511	CHR5:3277511	SSF x Far_LoA	-11,4758127	-0,036	0,304
CHR5	3277529	CHR5:3277529	SSF x Far_LoA	-10,919478	-0,002	0,310
CHR5	3279036	CHR5:3279036	SSF x Far_LoA	-8,77404842	-0,128	0,320
CHR5	3288586	CHR5:3288586	SSF x Far_LoA	-7,35298729	0,160	0,300
CHR5	3288641	CHR5:3288641	SSF x Far_LoA	-11,1527586	0,046	0,296
CHR5	3288647	CHR5:3288647	SSF x Far_LoA	-10,6312518	-0,036	0,312
CHR5	3288757	CHR5:3288757	SSF x Far_LoA	-8,14991055	0,085	0,314
CHR5	3291225	CHR5:3291225	SSF x Far_LoA	-8,99487808	-0,079	0,301
CHR5	3297545	CHR5:3297545	SSF x Far_LoA	-6,48475033	0,150	0,300
CHR5	3298446	CHR5:3298446	SSF x Far_LoA	-10,4558761	-0,084	0,296
CHR5	3298479	CHR5:3298479	SSF x Far_LoA	7,57955812	-0,052	0,290
CHR5	3298495	CHR5:3298495	SSF x Far_LoA	-8,54251215	-0,001	0,310
CHR5	3298526	CHR5:3298526	SSF x Far_LoA	-7,35389447	0,121	0,301
CHR5	3298596	CHR5:3298596	SSF x Far_LoA	-9,5582648	-0,095	0,301
CHR5	329894	CHR5:329894	SSF x Far_LoA	-9,73811794	0,018	0,310

CHR5	330056	CHR5:330056	SSF x Far_LoA	-9,31488243	-0,083	0,314
CHR5	330096	CHR5:330096	SSF x Far_LoA	-11,0311249	-0,106	0,302
CHR5	3306897	CHR5:3306897	SSF x Far_LoA	-8,57112707	0,043	0,298
CHR5	3308340	CHR5:3308340	SSF x Far_LoA	-9,63713866	0,111	0,307
CHR5	3308344	CHR5:3308344	SSF x Far_LoA	-8,60790476	-0,057	0,313
CHR5	3308361	CHR5:3308361	SSF x Far_LoA	-9,47272191	-0,007	0,317
CHR5	3308370	CHR5:3308370	SSF x Far_LoA	-10,0097436	-0,014	0,316
CHR5	3308380	CHR5:3308380	SSF x Far_LoA	-10,0248711	0,025	0,307
CHR5	3315483	CHR5:3315483	SSF x Far_LoA	-8,74769174	-0,089	0,298
CHR5	3320788	CHR5:3320788	SSF x Far_LoA	-7,8178812	-0,085	0,307
CHR5	3320790	CHR5:3320790	SSF x Far_LoA	-7,59448838	0,141	0,300
CHR5	3322317	CHR5:3322317	SSF x Far_LoA	2,51777776	0,074	0,310
CHR5	3326996	CHR5:3326996	SSF x Far_LoA	-11,6961957	0,003	0,306
CHR5	3327053	CHR5:3327053	SSF x Far_LoA	-9,51909365	0,050	0,299
CHR5	3327069	CHR5:3327069	SSF x Far_LoA	-10,1490137	-0,079	0,308
CHR5	3327089	CHR5:3327089	SSF x Far_LoA	-10,6811057	0,086	0,309
CHR5	3327091	CHR5:3327091	SSF x Far_LoA	-9,15943134	0,019	0,312
CHR5	3327122	CHR5:3327122	SSF x Far_LoA	-9,51590238	0,017	0,303
CHR5	3327127	CHR5:3327127	SSF x Far_LoA	-10,2096077	0,017	0,288
CHR5	3327184	CHR5:3327184	SSF x Far_LoA	-9,04731069	0,047	0,290
CHR5	3327192	CHR5:3327192	SSF x Far_LoA	-8,56459684	0,017	0,314
CHR5	333586	CHR5:333586	SSF x Far_LoA	-10,2616643	0,016	0,298
CHR5	333593	CHR5:333593	SSF x Far_LoA	-8,91509712	-0,068	0,307
CHR5	333754	CHR5:333754	SSF x Far_LoA	-8,28953239	-0,150	0,313
CHR5	3350552	CHR5:3350552	SSF x Far_LoA	-6,40575079	0,173	0,298
CHR5	3350553	CHR5:3350553	SSF x Far_LoA	-6,58937368	0,185	0,310
CHR5	3350641	CHR5:3350641	SSF x Far_LoA	-9,26050884	-0,072	0,301
CHR5	3355874	CHR5:3355874	SSF x Far_LoA	-10,3320195	-0,015	0,304
CHR5	3355895	CHR5:3355895	SSF x Far_LoA	-10,4810003	0,071	0,293
CHR5	3356909	CHR5:3356909	SSF x Far_LoA	-8,86388655	0,147	0,290
CHR5	3368887	CHR5:3368887	SSF x Far_LoA	-7,55205252	0,007	0,307
CHR5	3368889	CHR5:3368889	SSF x Far_LoA	-7,19230988	0,072	0,312
CHR5	3368922	CHR5:3368922	SSF x Far_LoA	-9,31219753	0,097	0,294
CHR5	3368949	CHR5:3368949	SSF x Far_LoA	-9,12600415	-0,198	0,302
CHR5	3368951	CHR5:3368951	SSF x Far_LoA	-10,2239626	-0,026	0,308
CHR5	3368990	CHR5:3368990	SSF x Far_LoA	-6,57753998	-0,153	0,305
CHR5	3369657	CHR5:3369657	SSF x Far_LoA	-9,82047878	0,034	0,298
CHR5	3369786	CHR5:3369786	SSF x Far_LoA	-10,0111889	0,041	0,291
CHR5	33714	CHR5:33714	SSF x Far_LoA	-10,1053635	-0,083	0,313
CHR5	3379257	CHR5:3379257	SSF x Far_LoA	-10,2462049	0,048	0,287
CHR5	3379327	CHR5:3379327	SSF x Far_LoA	-7,68180641	-0,042	0,311
CHR5	3381819	CHR5:3381819	SSF x Far_LoA	-9,80702798	-0,054	0,316
CHR5	3381844	CHR5:3381844	SSF x Far_LoA	-8,08061474	-0,053	0,307
CHR5	3381917	CHR5:3381917	SSF x Far_LoA	-6,82482649	0,028	0,316
CHR5	3381948	CHR5:3381948	SSF x Far_LoA	-10,1458036	0,032	0,312
CHR5	3383567	CHR5:3383567	SSF x Far_LoA	-7,6296826	-0,037	0,315
CHR5	3383697	CHR5:3383697	SSF x Far_LoA	-10,3936621	-0,077	0,307
CHR5	3383713	CHR5:3383713	SSF x Far_LoA	-10,8863277	-0,119	0,309
CHR5	3383761	CHR5:3383761	SSF x Far_LoA	-9,78891487	0,070	0,309
CHR5	3383778	CHR5:3383778	SSF x Far_LoA	-6,9157429	-0,128	0,306
CHR5	3394927	CHR5:3394927	SSF x Far_LoA	-10,290419	0,017	0,302
CHR5	3395014	CHR5:3395014	SSF x Far_LoA	-10,3567452	0,125	0,298
CHR5	3395137	CHR5:3395137	SSF x Far_LoA	-8,32391522	0,070	0,314

CHR5	3395191	CHR5:3395191	SSF x Far_LoA	-7,62648415	0,160	0,308
CHR5	3411163	CHR5:3411163	SSF x Far_LoA	-8,58909032	-0,045	0,305
CHR5	3411177	CHR5:3411177	SSF x Far_LoA	-10,2306239	0,058	0,298
CHR5	3411261	CHR5:3411261	SSF x Far_LoA	-10,6779481	0,175	0,292
CHR5	3416876	CHR5:3416876	SSF x Far_LoA	-10,4611604	0,103	0,299
CHR5	3417006	CHR5:3417006	SSF x Far_LoA	-5,62296823	-0,132	0,309
CHR5	3417836	CHR5:3417836	SSF x Far_LoA	-7,07122621	0,025	0,309
CHR5	3417840	CHR5:3417840	SSF x Far_LoA	-4,93236403	-0,138	0,307
CHR5	3417853	CHR5:3417853	SSF x Far_LoA	-8,83107129	0,025	0,313
CHR5	3417861	CHR5:3417861	SSF x Far_LoA	-9,49573876	0,003	0,324
CHR5	3421386	CHR5:3421386	SSF x Far_LoA	-6,38683455	0,080	0,301
CHR5	3421409	CHR5:3421409	SSF x Far_LoA	-7,20858625	0,158	0,298
CHR5	3437428	CHR5:3437428	SSF x Far_LoA	-7,82510241	0,110	0,310
CHR5	3444106	CHR5:3444106	SSF x Far_LoA	-9,62040462	-0,122	0,318
CHR5	3444107	CHR5:3444107	SSF x Far_LoA	-8,39245131	-0,061	0,314
CHR5	3446604	CHR5:3446604	SSF x Far_LoA	-7,27168848	0,011	0,302
CHR5	3446623	CHR5:3446623	SSF x Far_LoA	-9,13895465	0,013	0,315
CHR5	3446639	CHR5:3446639	SSF x Far_LoA	-2,4987201	0,048	0,296
CHR5	3446640	CHR5:3446640	SSF x Far_LoA	-7,86905897	0,069	0,303
CHR5	3451864	CHR5:3451864	SSF x Far_LoA	-9,24580902	0,021	0,303
CHR5	3451882	CHR5:3451882	SSF x Far_LoA	-10,0921118	-0,058	0,295
CHR5	3455926	CHR5:3455926	SSF x Far_LoA	-8,7500469	-0,092	0,307
CHR5	3455974	CHR5:3455974	SSF x Far_LoA	-9,9195531	-0,001	0,300
CHR5	3455980	CHR5:3455980	SSF x Far_LoA	-9,57776887	0,018	0,313
CHR5	3456014	CHR5:3456014	SSF x Far_LoA	-11,1826861	-0,028	0,289
CHR5	3456052	CHR5:3456052	SSF x Far_LoA	-6,92331547	0,049	0,308
CHR5	3463267	CHR5:3463267	SSF x Far_LoA	-6,86900974	-0,131	0,320
CHR5	3463279	CHR5:3463279	SSF x Far_LoA	-10,3768776	0,027	0,307
CHR5	3463281	CHR5:3463281	SSF x Far_LoA	-8,3666554	-0,101	0,308
CHR5	3468926	CHR5:3468926	SSF x Far_LoA	-9,43365674	-0,004	0,309
CHR5	3468933	CHR5:3468933	SSF x Far_LoA	-8,3593709	-0,022	0,323
CHR5	3469036	CHR5:3469036	SSF x Far_LoA	-11,6902202	-0,054	0,295
CHR5	3470373	CHR5:3470373	SSF x Far_LoA	-10,5071877	0,051	0,310
CHR5	3470408	CHR5:3470408	SSF x Far_LoA	-9,89517897	-0,031	0,310
CHR5	3480218	CHR5:3480218	SSF x Far_LoA	-9,40888829	0,108	0,302
CHR5	3480260	CHR5:3480260	SSF x Far_LoA	-8,38564184	0,055	0,305
CHR5	3480294	CHR5:3480294	SSF x Far_LoA	-9,42756037	-0,134	0,295
CHR5	3480347	CHR5:3480347	SSF x Far_LoA	-10,0737809	0,140	0,289
CHR5	3480376	CHR5:3480376	SSF x Far_LoA	-10,5626123	-0,007	0,324
CHR5	3481651	CHR5:3481651	SSF x Far_LoA	-10,3225284	0,079	0,313
CHR5	3481658	CHR5:3481658	SSF x Far_LoA	-6,25647931	-0,092	0,315
CHR5	3481704	CHR5:3481704	SSF x Far_LoA	-6,67172367	-0,080	0,311
CHR5	3484409	CHR5:3484409	SSF x Far_LoA	-9,95356505	-0,074	0,291
CHR5	3485238	CHR5:3485238	SSF x Far_LoA	-12,1786754	-0,026	0,294
CHR5	3487060	CHR5:3487060	SSF x Far_LoA	-7,11140308	0,180	0,293
CHR5	3487091	CHR5:3487091	SSF x Far_LoA	-9,10134946	-0,063	0,305
CHR5	3487147	CHR5:3487147	SSF x Far_LoA	-11,1200407	-0,071	0,303
CHR5	3492919	CHR5:3492919	SSF x Far_LoA	-7,63298984	0,000	0,324
CHR5	3493015	CHR5:3493015	SSF x Far_LoA	-8,92403381	-0,026	0,312
CHR5	3496232	CHR5:3496232	SSF x Far_LoA	-7,58170048	0,099	0,312
CHR5	3496295	CHR5:3496295	SSF x Far_LoA	-10,6563486	0,014	0,305
CHR5	3496323	CHR5:3496323	SSF x Far_LoA	-7,78002692	-0,075	0,319
CHR5	3496326	CHR5:3496326	SSF x Far_LoA	-8,37117562	-0,082	0,319

CHR5	3496380	CHR5:3496380	SSF x Far_LoA	-10,6185855	0,026	0,312
CHR5	3496407	CHR5:3496407	SSF x Far_LoA	-6,40702663	0,109	0,311
CHR5	3498428	CHR5:3498428	SSF x Far_LoA	-5,97616077	0,107	0,304
CHR5	3510076	CHR5:3510076	SSF x Far_LoA	-10,0081012	-0,119	0,303
CHR5	3510530	CHR5:3510530	SSF x Far_LoA	-10,3273414	0,015	0,312
CHR5	3517085	CHR5:3517085	SSF x Far_LoA	-8,48417962	-0,085	0,301
CHR5	3517089	CHR5:3517089	SSF x Far_LoA	-8,74991452	0,128	0,314
CHR5	3517112	CHR5:3517112	SSF x Far_LoA	-9,95831628	0,037	0,310
CHR5	3517122	CHR5:3517122	SSF x Far_LoA	-9,68529251	0,009	0,297
CHR5	3517497	CHR5:3517497	SSF x Far_LoA	-4,49529258	-0,021	0,316
CHR5	3517520	CHR5:3517520	SSF x Far_LoA	-10,3857803	-0,102	0,305
CHR5	3517539	CHR5:3517539	SSF x Far_LoA	-10,0743788	-0,055	0,289
CHR5	3517590	CHR5:3517590	SSF x Far_LoA	-9,66735975	-0,099	0,312
CHR5	3522791	CHR5:3522791	SSF x Far_LoA	-8,62523512	0,053	0,296
CHR5	3532906	CHR5:3532906	SSF x Far_LoA	-9,8082957	0,017	0,300
CHR5	3535532	CHR5:3535532	SSF x Far_LoA	-6,51060835	-0,150	0,306
CHR5	3535568	CHR5:3535568	SSF x Far_LoA	-7,3220257	-0,075	0,308
CHR5	3545000	CHR5:3545000	SSF x Far_LoA	-9,73867602	0,136	0,296
CHR5	3545123	CHR5:3545123	SSF x Far_LoA	-9,17171902	-0,002	0,317
CHR5	354854	CHR5:354854	SSF x Far_LoA	-11,1737826	-0,038	0,308
CHR5	3555338	CHR5:3555338	SSF x Far_LoA	-1,13040076	0,064	0,315
CHR5	3555545	CHR5:3555545	SSF x Far_LoA	-9,65640812	-0,010	0,308
CHR5	3565017	CHR5:3565017	SSF x Far_LoA	-6,85749286	-0,158	0,297
CHR5	3565222	CHR5:3565222	SSF x Far_LoA	-8,90838532	-0,142	0,294
CHR5	356932	CHR5:356932	SSF x Far_LoA	-10,6352469	0,034	0,319
CHR5	3595172	CHR5:3595172	SSF x Far_LoA	-1,60217597	0,048	0,298
CHR5	3595249	CHR5:3595249	SSF x Far_LoA	-9,3561914	-0,056	0,299
CHR5	3595404	CHR5:3595404	SSF x Far_LoA	-10,7159551	0,013	0,322
CHR5	3596771	CHR5:3596771	SSF x Far_LoA	-8,89881738	-0,050	0,304
CHR5	3596802	CHR5:3596802	SSF x Far_LoA	-9,68948787	-0,117	0,303
CHR5	3596812	CHR5:3596812	SSF x Far_LoA	-11,5942856	0,006	0,304
CHR5	3596873	CHR5:3596873	SSF x Far_LoA	-9,11183288	0,195	0,293
CHR5	3598803	CHR5:3598803	SSF x Far_LoA	-7,97067794	0,094	0,305
CHR5	3598908	CHR5:3598908	SSF x Far_LoA	-6,26869995	-0,141	0,298
CHR5	3598937	CHR5:3598937	SSF x Far_LoA	-4,14197465	-0,164	0,296
CHR5	3598953	CHR5:3598953	SSF x Far_LoA	-10,3193016	0,016	0,313
CHR5	3598958	CHR5:3598958	SSF x Far_LoA	-9,23908949	-0,119	0,308
CHR5	3598959	CHR5:3598959	SSF x Far_LoA	-9,98361642	-0,110	0,303
CHR5	3598960	CHR5:3598960	SSF x Far_LoA	-0,02835615	-0,115	0,311
CHR5	3598975	CHR5:3598975	SSF x Far_LoA	-8,60636292	0,059	0,304
CHR5	3598976	CHR5:3598976	SSF x Far_LoA	-9,93697622	0,079	0,305
CHR5	3598982	CHR5:3598982	SSF x Far_LoA	-6,70773951	-0,007	0,302
CHR5	3599014	CHR5:3599014	SSF x Far_LoA	-9,72079175	0,076	0,309
CHR5	3602100	CHR5:3602100	SSF x Far_LoA	-6,24525656	0,036	0,322
CHR5	3602276	CHR5:3602276	SSF x Far_LoA	-7,13971132	0,115	0,309
CHR5	3602347	CHR5:3602347	SSF x Far_LoA	-8,67114748	0,039	0,304
CHR5	3602360	CHR5:3602360	SSF x Far_LoA	-8,45802417	-0,003	0,299
CHR5	3602419	CHR5:3602419	SSF x Far_LoA	-9,84235816	0,146	0,304
CHR5	3612989	CHR5:3612989	SSF x Far_LoA	-8,35353593	-0,092	0,295
CHR5	3613103	CHR5:3613103	SSF x Far_LoA	-8,35696849	0,055	0,304
CHR5	3614144	CHR5:3614144	SSF x Far_LoA	-8,67993713	-0,028	0,288
CHR5	3614145	CHR5:3614145	SSF x Far_LoA	-9,11001521	0,076	0,303
CHR5	3614175	CHR5:3614175	SSF x Far_LoA	-9,25576789	-0,001	0,305

CHR5	3614201	CHR5:3614201	SSF x Far_LoA	-5,26883683	0,037	0,307
CHR5	3616261	CHR5:3616261	SSF x Far_LoA	-6,61686381	-0,013	0,322
CHR5	3616346	CHR5:3616346	SSF x Far_LoA	-11,1545068	0,027	0,316
CHR5	3622190	CHR5:3622190	SSF x Far_LoA	-10,8691371	-0,050	0,302
CHR5	3622234	CHR5:3622234	SSF x Far_LoA	-9,20395872	-0,067	0,312
CHR5	3630334	CHR5:3630334	SSF x Far_LoA	-10,4747892	0,034	0,302
CHR5	3633552	CHR5:3633552	SSF x Far_LoA	-10,0600147	0,034	0,291
CHR5	3633716	CHR5:3633716	SSF x Far_LoA	-8,87266334	-0,014	0,305
CHR5	3633725	CHR5:3633725	SSF x Far_LoA	-10,9838655	0,076	0,311
CHR5	3635747	CHR5:3635747	SSF x Far_LoA	-11,9309578	0,055	0,312
CHR5	3637675	CHR5:3637675	SSF x Far_LoA	-0,37619281	0,086	0,305
CHR5	3641271	CHR5:3641271	SSF x Far_LoA	-11,3421613	0,053	0,315
CHR5	3641308	CHR5:3641308	SSF x Far_LoA	-9,19886262	-0,073	0,314
CHR5	3643242	CHR5:3643242	SSF x Far_LoA	-11,6187772	-0,003	0,308
CHR5	3643249	CHR5:3643249	SSF x Far_LoA	-12,364967	-0,011	0,305
CHR5	3643268	CHR5:3643268	SSF x Far_LoA	-6,60480006	0,176	0,294
CHR5	3643279	CHR5:3643279	SSF x Far_LoA	-9,5475828	0,138	0,294
CHR5	3643302	CHR5:3643302	SSF x Far_LoA	-9,0157693	0,085	0,303
CHR5	3643359	CHR5:3643359	SSF x Far_LoA	-10,5961913	-0,084	0,299
CHR5	3643368	CHR5:3643368	SSF x Far_LoA	-7,93324036	-0,142	0,287
CHR5	3643400	CHR5:3643400	SSF x Far_LoA	-10,1607294	-0,012	0,305
CHR5	3643432	CHR5:3643432	SSF x Far_LoA	-10,8230254	-0,058	0,308
CHR5	3643460	CHR5:3643460	SSF x Far_LoA	-8,6940564	0,073	0,303
CHR5	3647205	CHR5:3647205	SSF x Far_LoA	-11,4093439	0,007	0,306
CHR5	3647399	CHR5:3647399	SSF x Far_LoA	-6,77777117	0,143	0,293
CHR5	3647406	CHR5:3647406	SSF x Far_LoA	-8,26315842	-0,149	0,304
CHR5	3647413	CHR5:3647413	SSF x Far_LoA	-11,0113763	-0,010	0,306
CHR5	3649406	CHR5:3649406	SSF x Far_LoA	-10,5185853	0,097	0,304
CHR5	3649409	CHR5:3649409	SSF x Far_LoA	-5,94803469	-0,184	0,293
CHR5	3649429	CHR5:3649429	SSF x Far_LoA	-10,034723	0,035	0,311
CHR5	3649453	CHR5:3649453	SSF x Far_LoA	-6,9264074	0,108	0,318
CHR5	3649456	CHR5:3649456	SSF x Far_LoA	-11,5325371	0,081	0,296
CHR5	3649552	CHR5:3649552	SSF x Far_LoA	-10,1070516	-0,073	0,304
CHR5	3663018	CHR5:3663018	SSF x Far_LoA	-6,74793553	-0,072	0,301
CHR5	3663082	CHR5:3663082	SSF x Far_LoA	-9,5016894	-0,066	0,306
CHR5	3667619	CHR5:3667619	SSF x Far_LoA	-8,54104303	-0,094	0,304
CHR5	3667732	CHR5:3667732	SSF x Far_LoA	-7,02695506	-0,056	0,302
CHR5	3667748	CHR5:3667748	SSF x Far_LoA	-7,80539896	0,039	0,306
CHR5	3668135	CHR5:3668135	SSF x Far_LoA	-10,9049204	0,052	0,294
CHR5	3668165	CHR5:3668165	SSF x Far_LoA	-10,0878758	-0,116	0,314
CHR5	3668840	CHR5:3668840	SSF x Far_LoA	-11,9603836	0,010	0,303
CHR5	3668850	CHR5:3668850	SSF x Far_LoA	-8,38964177	-0,041	0,318
CHR5	3668888	CHR5:3668888	SSF x Far_LoA	-10,0932164	0,024	0,305
CHR5	3669860	CHR5:3669860	SSF x Far_LoA	-9,99663181	-0,035	0,311
CHR5	3670167	CHR5:3670167	SSF x Far_LoA	-9,4749347	-0,202	0,297
CHR5	367090	CHR5:367090	SSF x Far_LoA	-9,5034088	-0,019	0,297
CHR5	367108	CHR5:367108	SSF x Far_LoA	-9,51960426	0,039	0,313
CHR5	367252	CHR5:367252	SSF x Far_LoA	-9,87777095	0,024	0,291
CHR5	367307	CHR5:367307	SSF x Far_LoA	-7,54563168	0,073	0,316
CHR5	3680285	CHR5:3680285	SSF x Far_LoA	-5,68781884	-0,065	0,318
CHR5	3680327	CHR5:3680327	SSF x Far_LoA	-9,93895523	-0,128	0,318
CHR5	3680445	CHR5:3680445	SSF x Far_LoA	-8,18658867	0,102	0,294
CHR5	368527	CHR5:368527	SSF x Far_LoA	-12,2260485	-0,028	0,306

CHR5	368613	CHR5:368613	SSF x Far_LoA	-4,99611545	0,126	0,303
CHR5	3690412	CHR5:3690412	SSF x Far_LoA	-11,365185	-0,042	0,308
CHR5	3690438	CHR5:3690438	SSF x Far_LoA	-9,48901714	-0,096	0,312
CHR5	3690665	CHR5:3690665	SSF x Far_LoA	-7,804969	-0,036	0,319
CHR5	3699218	CHR5:3699218	SSF x Far_LoA	-10,2120355	0,055	0,305
CHR5	3699284	CHR5:3699284	SSF x Far_LoA	-10,6251781	-0,059	0,307
CHR5	3707245	CHR5:3707245	SSF x Far_LoA	-9,47674755	0,040	0,304
CHR5	3707246	CHR5:3707246	SSF x Far_LoA	-8,35341708	0,031	0,296
CHR5	3707285	CHR5:3707285	SSF x Far_LoA	-11,2539146	-0,010	0,308
CHR5	3707294	CHR5:3707294	SSF x Far_LoA	-9,73543648	0,098	0,299
CHR5	3707297	CHR5:3707297	SSF x Far_LoA	-8,08660368	0,094	0,313
CHR5	3707354	CHR5:3707354	SSF x Far_LoA	-9,53181364	0,013	0,295
CHR5	3707382	CHR5:3707382	SSF x Far_LoA	-9,30939799	0,023	0,316
CHR5	3712223	CHR5:3712223	SSF x Far_LoA	-10,8884281	0,049	0,302
CHR5	3712233	CHR5:3712233	SSF x Far_LoA	-10,2163064	-0,027	0,315
CHR5	3722405	CHR5:3722405	SSF x Far_LoA	12,5828123	-0,097	0,323
CHR5	3722425	CHR5:3722425	SSF x Far_LoA	-10,7309347	0,019	0,313
CHR5	3722426	CHR5:3722426	SSF x Far_LoA	-12,5154652	-0,008	0,300
CHR5	3722540	CHR5:3722540	SSF x Far_LoA	-8,47738904	-0,030	0,301
CHR5	3722565	CHR5:3722565	SSF x Far_LoA	-9,39602232	-0,059	0,301
CHR5	3722644	CHR5:3722644	SSF x Far_LoA	-10,9442312	0,013	0,301
CHR5	3723465	CHR5:3723465	SSF x Far_LoA	-10,737676	-0,029	0,301
CHR5	3723634	CHR5:3723634	SSF x Far_LoA	-10,2677767	0,050	0,300
CHR5	3723663	CHR5:3723663	SSF x Far_LoA	-10,7377394	-0,130	0,314
CHR5	3723687	CHR5:3723687	SSF x Far_LoA	-11,1654761	-0,077	0,306
CHR5	373360	CHR5:373360	SSF x Far_LoA	-10,8592197	0,059	0,299
CHR5	373428	CHR5:373428	SSF x Far_LoA	-8,3357204	0,064	0,306
CHR5	373434	CHR5:373434	SSF x Far_LoA	-8,79898005	-0,128	0,297
CHR5	373601	CHR5:373601	SSF x Far_LoA	-11,1376646	-0,093	0,303
CHR5	373697	CHR5:373697	SSF x Far_LoA	-4,22585728	0,181	0,301
CHR5	3767516	CHR5:3767516	SSF x Far_LoA	-9,04722266	-0,070	0,315
CHR5	3767519	CHR5:3767519	SSF x Far_LoA	-9,57808095	-0,063	0,303
CHR5	3767579	CHR5:3767579	SSF x Far_LoA	-9,46583519	-0,011	0,303
CHR5	3767636	CHR5:3767636	SSF x Far_LoA	-8,84688126	-0,058	0,304
CHR5	3771485	CHR5:3771485	SSF x Far_LoA	-9,90479492	0,077	0,305
CHR5	3771553	CHR5:3771553	SSF x Far_LoA	-8,70871456	0,109	0,312
CHR5	3796028	CHR5:3796028	SSF x Far_LoA	-11,2098939	-0,083	0,306
CHR5	3796043	CHR5:3796043	SSF x Far_LoA	-10,4951762	-0,074	0,316
CHR5	3804210	CHR5:3804210	SSF x Far_LoA	-5,74795047	-0,158	0,308
CHR5	3804249	CHR5:3804249	SSF x Far_LoA	-9,28244044	-0,088	0,312
CHR5	380818	CHR5:380818	SSF x Far_LoA	-5,01118258	-0,114	0,296
CHR5	380912	CHR5:380912	SSF x Far_LoA	-10,5799907	0,053	0,304
CHR5	380952	CHR5:380952	SSF x Far_LoA	-9,45135448	-0,090	0,308
CHR5	380988	CHR5:380988	SSF x Far_LoA	-9,96614784	0,031	0,317
CHR5	3814503	CHR5:3814503	SSF x Far_LoA	-9,7434696	0,011	0,304
CHR5	3814504	CHR5:3814504	SSF x Far_LoA	-9,33540018	0,091	0,308
CHR5	3823816	CHR5:3823816	SSF x Far_LoA	-8,17291705	0,004	0,308
CHR5	3823840	CHR5:3823840	SSF x Far_LoA	-10,367291	-0,025	0,326
CHR5	3823885	CHR5:3823885	SSF x Far_LoA	-2,56148912	0,152	0,290
CHR5	3823994	CHR5:3823994	SSF x Far_LoA	-8,23556649	-0,116	0,305
CHR5	3824025	CHR5:3824025	SSF x Far_LoA	-8,71945584	-0,074	0,313
CHR5	3830114	CHR5:3830114	SSF x Far_LoA	-4,52295532	-0,061	0,316
CHR5	3831029	CHR5:3831029	SSF x Far_LoA	-11,4208791	-0,059	0,317

CHR5	3832718	CHR5:3832718	SSF x Far_LoA	-11,4430101	0,045	0,314
CHR5	3832804	CHR5:3832804	SSF x Far_LoA	-12,0837827	-0,021	0,298
CHR5	3842179	CHR5:3842179	SSF x Far_LoA	-7,41200552	-0,159	0,299
CHR5	3842195	CHR5:3842195	SSF x Far_LoA	-5,07639275	-0,027	0,312
CHR5	3842197	CHR5:3842197	SSF x Far_LoA	-10,8950064	0,076	0,297
CHR5	3846292	CHR5:3846292	SSF x Far_LoA	-8,57946699	0,113	0,298
CHR5	3854652	CHR5:3854652	SSF x Far_LoA	-6,89627188	-0,098	0,305
CHR5	3854701	CHR5:3854701	SSF x Far_LoA	-8,55622574	0,167	0,286
CHR5	3854724	CHR5:3854724	SSF x Far_LoA	-11,1848858	-0,037	0,311
CHR5	3854818	CHR5:3854818	SSF x Far_LoA	-6,0308584	0,138	0,293
CHR5	3854944	CHR5:3854944	SSF x Far_LoA	-7,14605499	-0,107	0,292
CHR5	3856669	CHR5:3856669	SSF x Far_LoA	-8,93387367	0,006	0,315
CHR5	3859593	CHR5:3859593	SSF x Far_LoA	-3,47009537	0,062	0,295
CHR5	3860979	CHR5:3860979	SSF x Far_LoA	-9,43137851	-0,062	0,290
CHR5	3860998	CHR5:3860998	SSF x Far_LoA	-7,49364909	0,021	0,307
CHR5	3861061	CHR5:3861061	SSF x Far_LoA	-7,8979424	0,006	0,311
CHR5	3865109	CHR5:3865109	SSF x Far_LoA	-10,3663577	0,013	0,322
CHR5	3865126	CHR5:3865126	SSF x Far_LoA	-11,2983281	-0,020	0,299
CHR5	3865141	CHR5:3865141	SSF x Far_LoA	-8,63516533	-0,072	0,316
CHR5	3865198	CHR5:3865198	SSF x Far_LoA	-9,87763642	0,017	0,299
CHR5	3865229	CHR5:3865229	SSF x Far_LoA	-11,1769716	-0,090	0,299
CHR5	3865231	CHR5:3865231	SSF x Far_LoA	-9,15555866	0,115	0,299
CHR5	3865298	CHR5:3865298	SSF x Far_LoA	-10,8878218	-0,069	0,315
CHR5	3865328	CHR5:3865328	SSF x Far_LoA	-9,12873099	0,086	0,309
CHR5	3865352	CHR5:3865352	SSF x Far_LoA	-7,93887177	-0,028	0,317
CHR5	386621	CHR5:386621	SSF x Far_LoA	-6,9944035	-0,057	0,313
CHR5	386696	CHR5:386696	SSF x Far_LoA	-10,6898096	-0,017	0,307
CHR5	386774	CHR5:386774	SSF x Far_LoA	-4,04939411	-0,107	0,308
CHR5	386777	CHR5:386777	SSF x Far_LoA	-11,400022	0,003	0,321
CHR5	386779	CHR5:386779	SSF x Far_LoA	-9,74515078	0,060	0,305
CHR5	386798	CHR5:386798	SSF x Far_LoA	-11,3258644	0,016	0,306
CHR5	386802	CHR5:386802	SSF x Far_LoA	-12,3326218	0,024	0,309
CHR5	386831	CHR5:386831	SSF x Far_LoA	-8,85421237	-0,019	0,312
CHR5	3869712	CHR5:3869712	SSF x Far_LoA	-8,48521921	0,056	0,310
CHR5	3870835	CHR5:3870835	SSF x Far_LoA	-6,33691215	0,107	0,298
CHR5	3870857	CHR5:3870857	SSF x Far_LoA	-10,5946481	0,054	0,311
CHR5	3870858	CHR5:3870858	SSF x Far_LoA	-4,45540544	-0,084	0,312
CHR5	3870934	CHR5:3870934	SSF x Far_LoA	-9,57152592	-0,001	0,329
CHR5	3872461	CHR5:3872461	SSF x Far_LoA	-10,6469112	-0,037	0,303
CHR5	3877529	CHR5:3877529	SSF x Far_LoA	-8,48234582	-0,116	0,301
CHR5	3882800	CHR5:3882800	SSF x Far_LoA	-9,53063321	0,122	0,292
CHR5	3882865	CHR5:3882865	SSF x Far_LoA	-11,5663378	0,077	0,300
CHR5	3882876	CHR5:3882876	SSF x Far_LoA	-10,0566755	0,000	0,324
CHR5	3883065	CHR5:3883065	SSF x Far_LoA	-8,43886274	0,040	0,299
CHR5	3899003	CHR5:3899003	SSF x Far_LoA	-6,75994467	-0,091	0,313
CHR5	3899085	CHR5:3899085	SSF x Far_LoA	-6,88914197	0,160	0,306
CHR5	3899646	CHR5:3899646	SSF x Far_LoA	-10,8735296	-0,020	0,313
CHR5	3899654	CHR5:3899654	SSF x Far_LoA	-8,80512257	0,003	0,310
CHR5	3899677	CHR5:3899677	SSF x Far_LoA	-9,23079146	-0,023	0,298
CHR5	3909670	CHR5:3909670	SSF x Far_LoA	-11,0895137	0,045	0,295
CHR5	3909779	CHR5:3909779	SSF x Far_LoA	-8,7423516	0,034	0,312
CHR5	3909912	CHR5:3909912	SSF x Far_LoA	-8,87522044	-0,107	0,289
CHR5	3909913	CHR5:3909913	SSF x Far_LoA	-9,7340307	-0,084	0,290

CHR5	3915180	CHR5:3915180	SSF x Far_LoA	-10,0068803	-0,011	0,293
CHR5	3915202	CHR5:3915202	SSF x Far_LoA	-9,39442147	0,072	0,303
CHR5	3915214	CHR5:3915214	SSF x Far_LoA	-9,19012439	0,009	0,313
CHR5	3915263	CHR5:3915263	SSF x Far_LoA	-10,309433	-0,063	0,297
CHR5	39205	CHR5:39205	SSF x Far_LoA	-11,5372088	0,038	0,303
CHR5	3922346	CHR5:3922346	SSF x Far_LoA	-10,08325	-0,033	0,321
CHR5	3922461	CHR5:3922461	SSF x Far_LoA	-10,3755	-0,015	0,311
CHR5	3922500	CHR5:3922500	SSF x Far_LoA	-10,4745824	-0,079	0,311
CHR5	3922614	CHR5:3922614	SSF x Far_LoA	-7,34312929	-0,032	0,311
CHR5	39260	CHR5:39260	SSF x Far_LoA	-11,0849205	0,021	0,303
CHR5	3926282	CHR5:3926282	SSF x Far_LoA	-11,36845	0,038	0,291
CHR5	3926283	CHR5:3926283	SSF x Far_LoA	-8,72253639	-0,024	0,312
CHR5	3926333	CHR5:3926333	SSF x Far_LoA	-9,63296742	-0,091	0,296
CHR5	3926347	CHR5:3926347	SSF x Far_LoA	-9,97054146	-0,073	0,307
CHR5	3926416	CHR5:3926416	SSF x Far_LoA	-7,86780061	0,055	0,301
CHR5	3928457	CHR5:3928457	SSF x Far_LoA	-8,67078263	-0,021	0,296
CHR5	39308	CHR5:39308	SSF x Far_LoA	-9,35872101	0,012	0,314
CHR5	3932577	CHR5:3932577	SSF x Far_LoA	-9,95108339	0,039	0,305
CHR5	3932600	CHR5:3932600	SSF x Far_LoA	-9,01742215	0,072	0,293
CHR5	3932702	CHR5:3932702	SSF x Far_LoA	-9,98235452	0,059	0,306
CHR5	3935259	CHR5:3935259	SSF x Far_LoA	-7,84722463	-0,096	0,288
CHR5	3935311	CHR5:3935311	SSF x Far_LoA	-11,1256179	-0,081	0,310
CHR5	3942777	CHR5:3942777	SSF x Far_LoA	-2,4714678	-0,094	0,299
CHR5	3942844	CHR5:3942844	SSF x Far_LoA	-10,8977566	-0,092	0,300
CHR5	3957208	CHR5:3957208	SSF x Far_LoA	-8,99441	-0,046	0,312
CHR5	3957240	CHR5:3957240	SSF x Far_LoA	-10,0761627	-0,009	0,307
CHR5	3957263	CHR5:3957263	SSF x Far_LoA	-10,0881727	0,000	0,305
CHR5	3957307	CHR5:3957307	SSF x Far_LoA	-9,78331766	0,149	0,294
CHR5	3960058	CHR5:3960058	SSF x Far_LoA	-9,8671061	0,069	0,308
CHR5	3960109	CHR5:3960109	SSF x Far_LoA	-9,58834304	-0,021	0,329
CHR5	3960472	CHR5:3960472	SSF x Far_LoA	-10,6187183	-0,105	0,294
CHR5	3961678	CHR5:3961678	SSF x Far_LoA	-9,2546367	-0,099	0,304
CHR5	3974947	CHR5:3974947	SSF x Far_LoA	-8,65121188	-0,068	0,305
CHR5	3981744	CHR5:3981744	SSF x Far_LoA	-5,44545033	-0,172	0,291
CHR5	398856	CHR5:398856	SSF x Far_LoA	-10,2291033	0,050	0,319
CHR5	3989777	CHR5:3989777	SSF x Far_LoA	-9,36555371	0,097	0,299
CHR5	3994425	CHR5:3994425	SSF x Far_LoA	-7,97493078	0,035	0,315
CHR5	3997744	CHR5:3997744	SSF x Far_LoA	-5,71725515	-0,071	0,306
CHR5	3997773	CHR5:3997773	SSF x Far_LoA	-10,6700008	-0,003	0,315
CHR5	3997865	CHR5:3997865	SSF x Far_LoA	-8,3143487	-0,009	0,299
CHR5	3997925	CHR5:3997925	SSF x Far_LoA	-8,82771304	0,129	0,315
CHR5	4002034	CHR5:4002034	SSF x Far_LoA	-9,90732317	0,072	0,307
CHR5	4008177	CHR5:4008177	SSF x Far_LoA	-6,66309646	-0,059	0,321
CHR5	4008193	CHR5:4008193	SSF x Far_LoA	-8,1987924	0,056	0,308
CHR5	4008202	CHR5:4008202	SSF x Far_LoA	-8,19827863	0,040	0,298
CHR5	4008203	CHR5:4008203	SSF x Far_LoA	-7,01325213	0,047	0,288
CHR5	4008204	CHR5:4008204	SSF x Far_LoA	-10,1108258	-0,053	0,304
CHR5	4008343	CHR5:4008343	SSF x Far_LoA	-6,86151275	-0,021	0,315
CHR5	4010022	CHR5:4010022	SSF x Far_LoA	-9,90658372	-0,039	0,303
CHR5	4010168	CHR5:4010168	SSF x Far_LoA	-10,0914582	-0,001	0,295
CHR5	401624	CHR5:401624	SSF x Far_LoA	-10,3553795	0,036	0,313
CHR5	401631	CHR5:401631	SSF x Far_LoA	-10,556885	0,036	0,298
CHR5	401751	CHR5:401751	SSF x Far_LoA	-0,50767578	0,109	0,298

CHR5	4017861	CHR5:4017861	SSF x Far_LoA	-10,7895645	-0,021	0,315
CHR5	4017896	CHR5:4017896	SSF x Far_LoA	-2,55285375	-0,218	0,298
CHR5	4017946	CHR5:4017946	SSF x Far_LoA	-8,45542149	0,058	0,312
CHR5	4017961	CHR5:4017961	SSF x Far_LoA	-9,72046645	0,012	0,312
CHR5	4036777	CHR5:4036777	SSF x Far_LoA	-10,1976846	-0,045	0,303
CHR5	4043106	CHR5:4043106	SSF x Far_LoA	-7,69506834	0,019	0,308
CHR5	4043570	CHR5:4043570	SSF x Far_LoA	-9,96883336	0,058	0,303
CHR5	404908	CHR5:404908	SSF x Far_LoA	-7,36732917	-0,127	0,305
CHR5	4054796	CHR5:4054796	SSF x Far_LoA	-6,85783231	0,158	0,285
CHR5	4054797	CHR5:4054797	SSF x Far_LoA	-7,00269599	0,171	0,298
CHR5	4055068	CHR5:4055068	SSF x Far_LoA	-9,58107856	-0,021	0,292
CHR5	4055094	CHR5:4055094	SSF x Far_LoA	-9,99856231	-0,106	0,298
CHR5	4055170	CHR5:4055170	SSF x Far_LoA	-9,15308593	0,067	0,310
CHR5	4055196	CHR5:4055196	SSF x Far_LoA	-7,49050046	0,024	0,308
CHR5	4059433	CHR5:4059433	SSF x Far_LoA	-9,71776059	-0,037	0,295
CHR5	4059524	CHR5:4059524	SSF x Far_LoA	-3,88363981	-0,101	0,297
CHR5	4059536	CHR5:4059536	SSF x Far_LoA	-10,0589077	0,105	0,305
CHR5	4065414	CHR5:4065414	SSF x Far_LoA	-11,987768	0,077	0,297
CHR5	4065459	CHR5:4065459	SSF x Far_LoA	-7,41175433	-0,139	0,309
CHR5	4065463	CHR5:4065463	SSF x Far_LoA	-4,83982823	-0,205	0,297
CHR5	4065486	CHR5:4065486	SSF x Far_LoA	-10,4360482	0,020	0,305
CHR5	4076047	CHR5:4076047	SSF x Far_LoA	-9,6761656	-0,029	0,299
CHR5	4076101	CHR5:4076101	SSF x Far_LoA	-8,93070842	-0,042	0,301
CHR5	4087211	CHR5:4087211	SSF x Far_LoA	-12,3496592	0,067	0,304
CHR5	4087335	CHR5:4087335	SSF x Far_LoA	-9,53514253	-0,124	0,295
CHR5	4100614	CHR5:4100614	SSF x Far_LoA	-8,65015553	-0,096	0,307
CHR5	4100880	CHR5:4100880	SSF x Far_LoA	-10,5396741	-0,080	0,306
CHR5	410558	CHR5:410558	SSF x Far_LoA	-9,43680831	-0,029	0,310
CHR5	410622	CHR5:410622	SSF x Far_LoA	-8,10748064	0,100	0,304
CHR5	410626	CHR5:410626	SSF x Far_LoA	-9,34588095	0,034	0,315
CHR5	410641	CHR5:410641	SSF x Far_LoA	-10,0107248	0,040	0,293
CHR5	410652	CHR5:410652	SSF x Far_LoA	-7,36933358	-0,026	0,305
CHR5	4107264	CHR5:4107264	SSF x Far_LoA	-7,74968606	-0,116	0,308
CHR5	4107328	CHR5:4107328	SSF x Far_LoA	-11,4412803	0,042	0,300
CHR5	4111902	CHR5:4111902	SSF x Far_LoA	-5,8114849	-0,158	0,294
CHR5	4111932	CHR5:4111932	SSF x Far_LoA	-9,37838755	0,091	0,297
CHR5	4111934	CHR5:4111934	SSF x Far_LoA	-7,95188374	-0,088	0,303
CHR5	4112099	CHR5:4112099	SSF x Far_LoA	-11,601111	0,040	0,291
CHR5	4117132	CHR5:4117132	SSF x Far_LoA	-10,1610278	0,043	0,313
CHR5	4117151	CHR5:4117151	SSF x Far_LoA	-7,18827413	0,044	0,301
CHR5	4119941	CHR5:4119941	SSF x Far_LoA	-10,0648886	-0,039	0,312
CHR5	4119942	CHR5:4119942	SSF x Far_LoA	-11,9521429	0,002	0,309
CHR5	4119947	CHR5:4119947	SSF x Far_LoA	-11,3565384	-0,002	0,295
CHR5	4120024	CHR5:4120024	SSF x Far_LoA	-9,24198488	0,035	0,291
CHR5	4120025	CHR5:4120025	SSF x Far_LoA	-9,99792717	0,058	0,308
CHR5	4120112	CHR5:4120112	SSF x Far_LoA	-9,17845027	-0,060	0,299
CHR5	4120113	CHR5:4120113	SSF x Far_LoA	-10,0468725	0,050	0,305
CHR5	4122367	CHR5:4122367	SSF x Far_LoA	-8,95348147	-0,088	0,313
CHR5	4122384	CHR5:4122384	SSF x Far_LoA	-9,16613875	0,015	0,299
CHR5	4124084	CHR5:4124084	SSF x Far_LoA	-11,3038906	0,026	0,313
CHR5	4124145	CHR5:4124145	SSF x Far_LoA	-10,6816537	0,034	0,322
CHR5	4124167	CHR5:4124167	SSF x Far_LoA	-9,01578891	0,077	0,292
CHR5	4124333	CHR5:4124333	SSF x Far_LoA	-10,1363605	-0,110	0,300

CHR5	4127396	CHR5:4127396	SSF x Far_LoA	-3,59902866	0,067	0,318
CHR5	4128937	CHR5:4128937	SSF x Far_LoA	-11,0484537	-0,002	0,297
CHR5	4130773	CHR5:4130773	SSF x Far_LoA	-9,85455802	-0,107	0,317
CHR5	4130832	CHR5:4130832	SSF x Far_LoA	-11,7337873	0,034	0,301
CHR5	4130842	CHR5:4130842	SSF x Far_LoA	-8,07528797	0,122	0,289
CHR5	4130906	CHR5:4130906	SSF x Far_LoA	-8,53389059	-0,110	0,309
CHR5	4131033	CHR5:4131033	SSF x Far_LoA	-8,00732277	-0,123	0,312
CHR5	4137912	CHR5:4137912	SSF x Far_LoA	-9,2447436	-0,073	0,303
CHR5	4137920	CHR5:4137920	SSF x Far_LoA	-8,7469739	-0,061	0,310
CHR5	4137934	CHR5:4137934	SSF x Far_LoA	-9,2245139	-0,098	0,307
CHR5	4137935	CHR5:4137935	SSF x Far_LoA	-9,82359847	-0,065	0,296
CHR5	4137986	CHR5:4137986	SSF x Far_LoA	-10,3707721	-0,003	0,315
CHR5	4138063	CHR5:4138063	SSF x Far_LoA	-7,91787085	0,020	0,310
CHR5	4146232	CHR5:4146232	SSF x Far_LoA	-12,1473624	-0,013	0,302
CHR5	4146237	CHR5:4146237	SSF x Far_LoA	-7,07174373	-0,121	0,316
CHR5	4146263	CHR5:4146263	SSF x Far_LoA	-8,90487119	0,085	0,300
CHR5	4146284	CHR5:4146284	SSF x Far_LoA	-7,54852855	-0,154	0,296
CHR5	4146303	CHR5:4146303	SSF x Far_LoA	-9,13376684	0,019	0,299
CHR5	417278	CHR5:417278	SSF x Far_LoA	-10,0601654	0,051	0,309
CHR5	417365	CHR5:417365	SSF x Far_LoA	-11,5492321	0,056	0,315
CHR5	4178089	CHR5:4178089	SSF x Far_LoA	-10,2718486	-0,075	0,299
CHR5	4178132	CHR5:4178132	SSF x Far_LoA	-7,74083876	-0,050	0,321
CHR5	4178178	CHR5:4178178	SSF x Far_LoA	-10,9909743	-0,072	0,299
CHR5	4180829	CHR5:4180829	SSF x Far_LoA	-8,25776965	-0,071	0,317
CHR5	4180897	CHR5:4180897	SSF x Far_LoA	-6,0397399	-0,087	0,312
CHR5	4180905	CHR5:4180905	SSF x Far_LoA	-9,17284454	-0,030	0,310
CHR5	4180911	CHR5:4180911	SSF x Far_LoA	-7,55485134	-0,128	0,308
CHR5	4181937	CHR5:4181937	SSF x Far_LoA	-8,18669378	-0,131	0,307
CHR5	4182017	CHR5:4182017	SSF x Far_LoA	-7,10538907	0,152	0,298
CHR5	4185432	CHR5:4185432	SSF x Far_LoA	-11,6469369	0,012	0,304
CHR5	4185444	CHR5:4185444	SSF x Far_LoA	-10,5718148	-0,075	0,298
CHR5	4185465	CHR5:4185465	SSF x Far_LoA	-8,77636163	0,067	0,300
CHR5	4185483	CHR5:4185483	SSF x Far_LoA	-7,10769792	-0,176	0,298
CHR5	4185484	CHR5:4185484	SSF x Far_LoA	-9,02625709	-0,194	0,296
CHR5	4185498	CHR5:4185498	SSF x Far_LoA	-7,80030763	-0,182	0,299
CHR5	4185572	CHR5:4185572	SSF x Far_LoA	-10,0750298	-0,109	0,307
CHR5	4185580	CHR5:4185580	SSF x Far_LoA	-7,64123548	-0,051	0,306
CHR5	4185583	CHR5:4185583	SSF x Far_LoA	-5,05221145	0,187	0,308
CHR5	4185598	CHR5:4185598	SSF x Far_LoA	-8,27000006	-0,066	0,307
CHR5	4185620	CHR5:4185620	SSF x Far_LoA	-11,4310172	0,079	0,290
CHR5	4188567	CHR5:4188567	SSF x Far_LoA	-7,95174924	0,011	0,316
CHR5	4188577	CHR5:4188577	SSF x Far_LoA	-9,45989265	-0,136	0,307
CHR5	4188593	CHR5:4188593	SSF x Far_LoA	-8,63155882	-0,026	0,308
CHR5	4188663	CHR5:4188663	SSF x Far_LoA	-9,16620795	-0,028	0,305
CHR5	4205329	CHR5:4205329	SSF x Far_LoA	-9,59829087	-0,011	0,298
CHR5	4205332	CHR5:4205332	SSF x Far_LoA	-9,3017719	0,005	0,290
CHR5	4205710	CHR5:4205710	SSF x Far_LoA	-9,28988324	0,007	0,294
CHR5	4205742	CHR5:4205742	SSF x Far_LoA	-8,67918751	0,018	0,312
CHR5	4212313	CHR5:4212313	SSF x Far_LoA	-6,95043699	-0,058	0,313
CHR5	4212315	CHR5:4212315	SSF x Far_LoA	-8,74052024	0,011	0,300
CHR5	4212358	CHR5:4212358	SSF x Far_LoA	-10,3305689	0,040	0,313
CHR5	4212572	CHR5:4212572	SSF x Far_LoA	-11,3548674	-0,119	0,302
CHR5	4237779	CHR5:4237779	SSF x Far_LoA	-6,36565797	-0,039	0,318

CHR5	4245484	CHR5:4245484	SSF x Far_LoA	-9,98476804	0,066	0,302
CHR5	4270979	CHR5:4270979	SSF x Far_LoA	-10,1020493	-0,029	0,308
CHR5	4271190	CHR5:4271190	SSF x Far_LoA	-10,031869	0,019	0,310
CHR5	4271263	CHR5:4271263	SSF x Far_LoA	-10,3252666	-0,015	0,303
CHR5	4273132	CHR5:4273132	SSF x Far_LoA	-10,3667108	-0,008	0,325
CHR5	4273161	CHR5:4273161	SSF x Far_LoA	-8,36786621	-0,004	0,316
CHR5	4273270	CHR5:4273270	SSF x Far_LoA	-8,37130209	0,065	0,304
CHR5	4273287	CHR5:4273287	SSF x Far_LoA	-9,42202035	-0,049	0,306
CHR5	4274343	CHR5:4274343	SSF x Far_LoA	-9,43391268	-0,039	0,301
CHR5	4274428	CHR5:4274428	SSF x Far_LoA	-10,0087491	0,005	0,305
CHR5	4274537	CHR5:4274537	SSF x Far_LoA	-9,20434567	0,070	0,303
CHR5	4274550	CHR5:4274550	SSF x Far_LoA	-10,4545495	0,145	0,304
CHR5	4274565	CHR5:4274565	SSF x Far_LoA	-9,65740499	0,009	0,308
CHR5	4274597	CHR5:4274597	SSF x Far_LoA	-10,6747665	-0,018	0,311
CHR5	427937	CHR5:427937	SSF x Far_LoA	-8,84796327	0,176	0,296
CHR5	428009	CHR5:428009	SSF x Far_LoA	-10,6767998	0,056	0,295
CHR5	428011	CHR5:428011	SSF x Far_LoA	-11,7576237	0,048	0,296
CHR5	428115	CHR5:428115	SSF x Far_LoA	-10,4057914	-0,046	0,310
CHR5	428120	CHR5:428120	SSF x Far_LoA	-10,5432024	-0,034	0,308
CHR5	428178	CHR5:428178	SSF x Far_LoA	-8,75550586	-0,051	0,309
CHR5	4285780	CHR5:4285780	SSF x Far_LoA	-8,60555051	0,043	0,310
CHR5	4285785	CHR5:4285785	SSF x Far_LoA	-7,81669729	0,017	0,302
CHR5	4285787	CHR5:4285787	SSF x Far_LoA	-8,32203851	0,058	0,302
CHR5	4285792	CHR5:4285792	SSF x Far_LoA	-11,7068564	-0,066	0,303
CHR5	4285818	CHR5:4285818	SSF x Far_LoA	-6,68403256	0,086	0,308
CHR5	4285844	CHR5:4285844	SSF x Far_LoA	-9,42392774	-0,097	0,317
CHR5	4285879	CHR5:4285879	SSF x Far_LoA	-7,71891426	0,156	0,289
CHR5	4285887	CHR5:4285887	SSF x Far_LoA	-10,4096445	0,132	0,287
CHR5	4285890	CHR5:4285890	SSF x Far_LoA	-9,0111158	0,112	0,298
CHR5	4289067	CHR5:4289067	SSF x Far_LoA	-11,229378	0,026	0,306
CHR5	4289090	CHR5:4289090	SSF x Far_LoA	-8,66167735	0,016	0,307
CHR5	4291330	CHR5:4291330	SSF x Far_LoA	-7,61165969	0,063	0,300
CHR5	4291331	CHR5:4291331	SSF x Far_LoA	-9,62089551	0,052	0,311
CHR5	4291336	CHR5:4291336	SSF x Far_LoA	-8,20731142	0,066	0,310
CHR5	4291408	CHR5:4291408	SSF x Far_LoA	-10,2477946	0,009	0,315
CHR5	4291417	CHR5:4291417	SSF x Far_LoA	-8,32993116	0,020	0,316
CHR5	4291724	CHR5:4291724	SSF x Far_LoA	-9,62893733	-0,012	0,310
CHR5	4295515	CHR5:4295515	SSF x Far_LoA	13,4397771	-0,046	0,316
CHR5	4295520	CHR5:4295520	SSF x Far_LoA	-8,14470292	0,063	0,306
CHR5	4295530	CHR5:4295530	SSF x Far_LoA	-9,55154059	-0,014	0,316
CHR5	4295541	CHR5:4295541	SSF x Far_LoA	-7,05450428	-0,058	0,304
CHR5	4295553	CHR5:4295553	SSF x Far_LoA	-8,33593425	0,067	0,306
CHR5	4295598	CHR5:4295598	SSF x Far_LoA	-9,44367629	0,051	0,314
CHR5	4295616	CHR5:4295616	SSF x Far_LoA	-9,44192668	-0,077	0,307
CHR5	4295619	CHR5:4295619	SSF x Far_LoA	-9,79227347	-0,012	0,309
CHR5	4295652	CHR5:4295652	SSF x Far_LoA	-9,81166153	-0,006	0,304
CHR5	429568	CHR5:429568	SSF x Far_LoA	-10,3739656	0,045	0,301
CHR5	4295738	CHR5:4295738	SSF x Far_LoA	-9,83915846	0,071	0,314
CHR5	429588	CHR5:429588	SSF x Far_LoA	-7,41586763	0,129	0,308
CHR5	429615	CHR5:429615	SSF x Far_LoA	-10,913995	-0,012	0,308
CHR5	429653	CHR5:429653	SSF x Far_LoA	-6,54962903	-0,137	0,293
CHR5	4302166	CHR5:4302166	SSF x Far_LoA	-9,26472478	-0,038	0,308
CHR5	4302249	CHR5:4302249	SSF x Far_LoA	-5,77991176	-0,095	0,294

CHR5	4308022	CHR5:4308022	SSF x Far_LoA	-9,5082751	0,055	0,294
CHR5	4308049	CHR5:4308049	SSF x Far_LoA	-10,9099455	-0,075	0,301
CHR5	4308055	CHR5:4308055	SSF x Far_LoA	-10,0448948	-0,025	0,309
CHR5	4308188	CHR5:4308188	SSF x Far_LoA	-9,45914535	-0,012	0,302
CHR5	4308276	CHR5:4308276	SSF x Far_LoA	-9,35718659	0,038	0,305
CHR5	4317550	CHR5:4317550	SSF x Far_LoA	-9,58327344	-0,118	0,307
CHR5	4317583	CHR5:4317583	SSF x Far_LoA	-8,87762946	-0,049	0,303
CHR5	4317630	CHR5:4317630	SSF x Far_LoA	-8,33714491	0,141	0,295
CHR5	4317693	CHR5:4317693	SSF x Far_LoA	-7,18552496	-0,094	0,327
CHR5	4317718	CHR5:4317718	SSF x Far_LoA	-11,5739402	0,048	0,304
CHR5	4319341	CHR5:4319341	SSF x Far_LoA	-10,8642217	0,002	0,305
CHR5	4321548	CHR5:4321548	SSF x Far_LoA	-7,80009505	-0,088	0,311
CHR5	4324866	CHR5:4324866	SSF x Far_LoA	-9,90371844	-0,006	0,313
CHR5	4330530	CHR5:4330530	SSF x Far_LoA	-8,15718868	0,008	0,318
CHR5	4330566	CHR5:4330566	SSF x Far_LoA	-8,17429001	0,147	0,298
CHR5	4330573	CHR5:4330573	SSF x Far_LoA	-5,35414749	0,128	0,292
CHR5	4330578	CHR5:4330578	SSF x Far_LoA	-5,90727072	-0,038	0,301
CHR5	4339031	CHR5:4339031	SSF x Far_LoA	-4,84755572	0,053	0,301
CHR5	4339052	CHR5:4339052	SSF x Far_LoA	-9,03538243	-0,091	0,317
CHR5	4339071	CHR5:4339071	SSF x Far_LoA	-5,51840673	-0,090	0,314
CHR5	4339104	CHR5:4339104	SSF x Far_LoA	-10,3692125	0,041	0,304
CHR5	4339170	CHR5:4339170	SSF x Far_LoA	-11,2339164	0,055	0,288
CHR5	4352844	CHR5:4352844	SSF x Far_LoA	-9,74392362	0,022	0,296
CHR5	4352911	CHR5:4352911	SSF x Far_LoA	-10,7024017	-0,085	0,288
CHR5	4356121	CHR5:4356121	SSF x Far_LoA	-11,7172945	0,043	0,298
CHR5	4356464	CHR5:4356464	SSF x Far_LoA	-10,5103804	-0,048	0,302
CHR5	4362615	CHR5:4362615	SSF x Far_LoA	-7,90100786	0,135	0,298
CHR5	4367551	CHR5:4367551	SSF x Far_LoA	-6,62051328	-0,175	0,304
CHR5	4374901	CHR5:4374901	SSF x Far_LoA	-9,13695261	0,025	0,303
CHR5	4374933	CHR5:4374933	SSF x Far_LoA	-8,06531913	-0,046	0,290
CHR5	4374948	CHR5:4374948	SSF x Far_LoA	-11,5893476	0,068	0,295
CHR5	4375058	CHR5:4375058	SSF x Far_LoA	-9,62304616	0,055	0,310
CHR5	4375071	CHR5:4375071	SSF x Far_LoA	-8,59925398	-0,081	0,311
CHR5	4377648	CHR5:4377648	SSF x Far_LoA	-10,3714155	0,007	0,301
CHR5	4377761	CHR5:4377761	SSF x Far_LoA	-9,61943274	-0,103	0,311
CHR5	4377799	CHR5:4377799	SSF x Far_LoA	-11,5910104	-0,020	0,307
CHR5	4377833	CHR5:4377833	SSF x Far_LoA	-10,2383226	-0,031	0,297
CHR5	4377834	CHR5:4377834	SSF x Far_LoA	-8,17285701	-0,047	0,318
CHR5	439431	CHR5:439431	SSF x Far_LoA	-10,96312	0,108	0,304
CHR5	439572	CHR5:439572	SSF x Far_LoA	-8,34664666	-0,085	0,308
CHR5	4396691	CHR5:4396691	SSF x Far_LoA	-1,82930788	-0,109	0,303
CHR5	4400894	CHR5:4400894	SSF x Far_LoA	-10,7408524	-0,051	0,302
CHR5	4400952	CHR5:4400952	SSF x Far_LoA	-10,3878802	-0,137	0,306
CHR5	4401193	CHR5:4401193	SSF x Far_LoA	-7,6372735	0,087	0,316
CHR5	4401197	CHR5:4401197	SSF x Far_LoA	-7,56225226	0,124	0,301
CHR5	4401202	CHR5:4401202	SSF x Far_LoA	-11,7022329	0,114	0,298
CHR5	4401252	CHR5:4401252	SSF x Far_LoA	-11,2500049	-0,064	0,298
CHR5	440568	CHR5:440568	SSF x Far_LoA	-8,10401765	-0,077	0,313
CHR5	440671	CHR5:440671	SSF x Far_LoA	-8,48286116	0,085	0,294
CHR5	4410987	CHR5:4410987	SSF x Far_LoA	-8,86471003	-0,052	0,308
CHR5	4417117	CHR5:4417117	SSF x Far_LoA	-10,958331	0,054	0,303
CHR5	4420044	CHR5:4420044	SSF x Far_LoA	-7,94048397	0,057	0,313
CHR5	4420118	CHR5:4420118	SSF x Far_LoA	-8,89680304	0,131	0,295

CHR5	4426137	CHR5:4426137	SSF x Far_LoA	-9,11143106	0,033	0,307
CHR5	4426181	CHR5:4426181	SSF x Far_LoA	-10,5640879	-0,017	0,314
CHR5	4426182	CHR5:4426182	SSF x Far_LoA	-10,6157714	-0,003	0,311
CHR5	4426213	CHR5:4426213	SSF x Far_LoA	-6,92570923	0,015	0,297
CHR5	4426241	CHR5:4426241	SSF x Far_LoA	-8,49424086	0,127	0,304
CHR5	4426256	CHR5:4426256	SSF x Far_LoA	-8,61841401	0,035	0,308
CHR5	4426264	CHR5:4426264	SSF x Far_LoA	-10,4946828	-0,043	0,312
CHR5	4427429	CHR5:4427429	SSF x Far_LoA	-11,5362454	-0,011	0,303
CHR5	4429385	CHR5:4429385	SSF x Far_LoA	-10,9994797	-0,002	0,306
CHR5	4429544	CHR5:4429544	SSF x Far_LoA	6,81294113	-0,008	0,299
CHR5	4434832	CHR5:4434832	SSF x Far_LoA	-8,96686157	0,015	0,311
CHR5	4439441	CHR5:4439441	SSF x Far_LoA	-10,6490756	-0,039	0,294
CHR5	4439622	CHR5:4439622	SSF x Far_LoA	-10,4330385	-0,079	0,303
CHR5	4448761	CHR5:4448761	SSF x Far_LoA	-8,98418304	0,015	0,306
CHR5	4448762	CHR5:4448762	SSF x Far_LoA	-9,81965045	0,016	0,308
CHR5	4453496	CHR5:4453496	SSF x Far_LoA	-6,33797687	-0,063	0,308
CHR5	4458316	CHR5:4458316	SSF x Far_LoA	-8,99590879	-0,122	0,309
CHR5	4458505	CHR5:4458505	SSF x Far_LoA	-9,55033512	-0,023	0,310
CHR5	4462616	CHR5:4462616	SSF x Far_LoA	-10,227662	0,045	0,301
CHR5	4462632	CHR5:4462632	SSF x Far_LoA	-9,24439009	0,009	0,323
CHR5	4462677	CHR5:4462677	SSF x Far_LoA	-6,69662412	-0,115	0,306
CHR5	446672	CHR5:446672	SSF x Far_LoA	-8,04477526	-0,053	0,319
CHR5	446720	CHR5:446720	SSF x Far_LoA	-9,76457553	-0,010	0,306
CHR5	446721	CHR5:446721	SSF x Far_LoA	-11,2780699	0,053	0,300
CHR5	446735	CHR5:446735	SSF x Far_LoA	-8,95445546	-0,082	0,320
CHR5	446758	CHR5:446758	SSF x Far_LoA	-10,4575616	-0,089	0,317
CHR5	4470869	CHR5:4470869	SSF x Far_LoA	-8,56513419	0,150	0,305
CHR5	4470872	CHR5:4470872	SSF x Far_LoA	-9,30641895	0,117	0,294
CHR5	4479114	CHR5:4479114	SSF x Far_LoA	-6,72259179	0,174	0,290
CHR5	4484561	CHR5:4484561	SSF x Far_LoA	-9,19656261	0,015	0,323
CHR5	4484761	CHR5:4484761	SSF x Far_LoA	-7,07726378	-0,132	0,304
CHR5	4487609	CHR5:4487609	SSF x Far_LoA	-8,97048476	-0,067	0,309
CHR5	4487675	CHR5:4487675	SSF x Far_LoA	-11,3557587	-0,071	0,297
CHR5	4489619	CHR5:4489619	SSF x Far_LoA	-8,69924972	0,073	0,307
CHR5	4489742	CHR5:4489742	SSF x Far_LoA	-11,2104046	-0,011	0,309
CHR5	4495977	CHR5:4495977	SSF x Far_LoA	-9,5246427	-0,002	0,296
CHR5	449750	CHR5:449750	SSF x Far_LoA	-9,79993324	-0,028	0,303
CHR5	449764	CHR5:449764	SSF x Far_LoA	-8,71017663	-0,024	0,320
CHR5	4497842	CHR5:4497842	SSF x Far_LoA	-7,52875321	-0,174	0,301
CHR5	4497866	CHR5:4497866	SSF x Far_LoA	-6,73152897	-0,041	0,305
CHR5	4501147	CHR5:4501147	SSF x Far_LoA	-6,63069063	0,008	0,308
CHR5	450182	CHR5:450182	SSF x Far_LoA	-10,4427747	-0,076	0,287
CHR5	4502004	CHR5:4502004	SSF x Far_LoA	-8,85206988	-0,070	0,315
CHR5	4512532	CHR5:4512532	SSF x Far_LoA	-10,7499569	0,049	0,324
CHR5	4539679	CHR5:4539679	SSF x Far_LoA	-10,0850539	-0,006	0,311
CHR5	4539753	CHR5:4539753	SSF x Far_LoA	-9,58044968	0,061	0,306
CHR5	4539754	CHR5:4539754	SSF x Far_LoA	-10,6645263	-0,017	0,306
CHR5	4539812	CHR5:4539812	SSF x Far_LoA	-9,32206457	-0,074	0,308
CHR5	4539823	CHR5:4539823	SSF x Far_LoA	-9,92533755	-0,005	0,303
CHR5	4539858	CHR5:4539858	SSF x Far_LoA	-9,28868977	0,115	0,313
CHR5	4539860	CHR5:4539860	SSF x Far_LoA	-7,71421404	-0,007	0,308
CHR5	4543341	CHR5:4543341	SSF x Far_LoA	-8,41453434	-0,080	0,312
CHR5	4543379	CHR5:4543379	SSF x Far_LoA	-6,13948262	-0,185	0,299

CHR5	4548962	CHR5:4548962	SSF x Far_LoA	-6,83875982	-0,089	0,318
CHR5	4548964	CHR5:4548964	SSF x Far_LoA	-9,24466416	-0,072	0,320
CHR5	4549078	CHR5:4549078	SSF x Far_LoA	-8,27610748	-0,106	0,301
CHR5	4549090	CHR5:4549090	SSF x Far_LoA	-9,55406768	0,084	0,303
CHR5	4551591	CHR5:4551591	SSF x Far_LoA	-9,65765006	-0,136	0,310
CHR5	4551598	CHR5:4551598	SSF x Far_LoA	-9,83757303	-0,030	0,322
CHR5	4555392	CHR5:4555392	SSF x Far_LoA	-6,16290686	0,110	0,298
CHR5	4555411	CHR5:4555411	SSF x Far_LoA	-10,2736605	0,006	0,311
CHR5	4570338	CHR5:4570338	SSF x Far_LoA	-7,58693023	-0,135	0,306
CHR5	4570406	CHR5:4570406	SSF x Far_LoA	-10,2054764	0,006	0,308
CHR5	4571226	CHR5:4571226	SSF x Far_LoA	-7,76944061	0,110	0,302
CHR5	4571235	CHR5:4571235	SSF x Far_LoA	-8,57324117	0,079	0,306
CHR5	457685	CHR5:457685	SSF x Far_LoA	-10,1168529	0,083	0,303
CHR5	457725	CHR5:457725	SSF x Far_LoA	-9,08599897	0,098	0,310
CHR5	457763	CHR5:457763	SSF x Far_LoA	-11,0429285	-0,065	0,307
CHR5	457900	CHR5:457900	SSF x Far_LoA	-10,6044557	0,059	0,315
CHR5	4581835	CHR5:4581835	SSF x Far_LoA	-12,6240019	0,017	0,308
CHR5	4581897	CHR5:4581897	SSF x Far_LoA	-9,94250331	0,004	0,311
CHR5	4596328	CHR5:4596328	SSF x Far_LoA	-8,37839156	0,035	0,304
CHR5	4596344	CHR5:4596344	SSF x Far_LoA	-11,4702637	0,019	0,299
CHR5	4596422	CHR5:4596422	SSF x Far_LoA	-8,22126644	-0,037	0,309
CHR5	4607203	CHR5:4607203	SSF x Far_LoA	-9,35618993	-0,040	0,313
CHR5	4639219	CHR5:4639219	SSF x Far_LoA	-10,413943	0,016	0,288
CHR5	4639272	CHR5:4639272	SSF x Far_LoA	-9,07649373	-0,036	0,299
CHR5	4654009	CHR5:4654009	SSF x Far_LoA	-10,9013949	-0,047	0,311
CHR5	465869	CHR5:465869	SSF x Far_LoA	-8,45167592	-0,032	0,295
CHR5	465878	CHR5:465878	SSF x Far_LoA	-8,30271428	0,078	0,309
CHR5	465879	CHR5:465879	SSF x Far_LoA	-3,61865819	0,097	0,307
CHR5	465946	CHR5:465946	SSF x Far_LoA	-8,45373802	-0,157	0,296
CHR5	465972	CHR5:465972	SSF x Far_LoA	-10,4137303	-0,081	0,327
CHR5	466035	CHR5:466035	SSF x Far_LoA	-8,92383357	-0,132	0,300
CHR5	4679218	CHR5:4679218	SSF x Far_LoA	-11,0244574	-0,018	0,307
CHR5	4691947	CHR5:4691947	SSF x Far_LoA	-10,248915	0,035	0,307
CHR5	4708721	CHR5:4708721	SSF x Far_LoA	-8,52824161	-0,071	0,313
CHR5	4717845	CHR5:4717845	SSF x Far_LoA	-10,1393522	0,111	0,295
CHR5	472898	CHR5:472898	SSF x Far_LoA	-8,12871559	-0,008	0,314
CHR5	4730697	CHR5:4730697	SSF x Far_LoA	-11,2544144	-0,040	0,312
CHR5	4730815	CHR5:4730815	SSF x Far_LoA	-11,6910437	0,001	0,305
CHR5	4733753	CHR5:4733753	SSF x Far_LoA	-9,07601937	0,012	0,313
CHR5	4748482	CHR5:4748482	SSF x Far_LoA	-8,41763403	0,138	0,307
CHR5	4763924	CHR5:4763924	SSF x Far_LoA	-9,72021104	0,066	0,301
CHR5	4763982	CHR5:4763982	SSF x Far_LoA	-9,24646455	0,028	0,306
CHR5	4764010	CHR5:4764010	SSF x Far_LoA	-10,1735708	0,069	0,310
CHR5	4764180	CHR5:4764180	SSF x Far_LoA	-8,48806946	-0,156	0,293
CHR5	4767841	CHR5:4767841	SSF x Far_LoA	-6,78339872	-0,079	0,320
CHR5	4772325	CHR5:4772325	SSF x Far_LoA	-8,61382316	0,061	0,304
CHR5	4777612	CHR5:4777612	SSF x Far_LoA	-10,192151	0,029	0,308
CHR5	4777622	CHR5:4777622	SSF x Far_LoA	-8,55161398	0,142	0,305
CHR5	4777655	CHR5:4777655	SSF x Far_LoA	-12,4399775	0,031	0,286
CHR5	4777683	CHR5:4777683	SSF x Far_LoA	-10,8322545	0,134	0,306
CHR5	4781965	CHR5:4781965	SSF x Far_LoA	-11,4380056	-0,019	0,302
CHR5	4795524	CHR5:4795524	SSF x Far_LoA	-7,97696463	0,032	0,308
CHR5	4795589	CHR5:4795589	SSF x Far_LoA	-9,67434132	-0,089	0,314

CHR5	4795627	CHR5:4795627	SSF x Far_LoA	-9,78329571	-0,067	0,304
CHR5	4800692	CHR5:4800692	SSF x Far_LoA	-9,6788583	-0,084	0,317
CHR5	4800716	CHR5:4800716	SSF x Far_LoA	-8,92482901	-0,031	0,303
CHR5	4800813	CHR5:4800813	SSF x Far_LoA	-10,3746005	-0,054	0,318
CHR5	4803466	CHR5:4803466	SSF x Far_LoA	-9,39043111	-0,004	0,300
CHR5	4809880	CHR5:4809880	SSF x Far_LoA	-9,92050844	-0,012	0,290
CHR5	4809949	CHR5:4809949	SSF x Far_LoA	-8,80530601	-0,052	0,297
CHR5	4809951	CHR5:4809951	SSF x Far_LoA	-7,67030445	-0,049	0,294
CHR5	4813308	CHR5:4813308	SSF x Far_LoA	-8,17730705	-0,149	0,302
CHR5	4813371	CHR5:4813371	SSF x Far_LoA	-11,54581	0,001	0,322
CHR5	4815210	CHR5:4815210	SSF x Far_LoA	-9,31941097	-0,045	0,311
CHR5	4819913	CHR5:4819913	SSF x Far_LoA	-4,16296213	-0,030	0,319
CHR5	4820035	CHR5:4820035	SSF x Far_LoA	-1,15572358	0,048	0,312
CHR5	4847391	CHR5:4847391	SSF x Far_LoA	-9,00149063	-0,040	0,304
CHR5	4847501	CHR5:4847501	SSF x Far_LoA	-9,64479637	0,059	0,289
CHR5	4859415	CHR5:4859415	SSF x Far_LoA	-10,4186818	-0,061	0,306
CHR5	4864925	CHR5:4864925	SSF x Far_LoA	-11,4464366	-0,030	0,292
CHR5	4865121	CHR5:4865121	SSF x Far_LoA	-10,4160022	-0,090	0,302
CHR5	4865140	CHR5:4865140	SSF x Far_LoA	-8,74654831	0,056	0,302
CHR5	4868113	CHR5:4868113	SSF x Far_LoA	-8,09201565	-0,067	0,310
CHR5	4868196	CHR5:4868196	SSF x Far_LoA	-8,37079864	0,117	0,301
CHR5	4869422	CHR5:4869422	SSF x Far_LoA	-9,02055141	-0,008	0,313
CHR5	4869526	CHR5:4869526	SSF x Far_LoA	-10,0996672	-0,096	0,302
CHR5	4869582	CHR5:4869582	SSF x Far_LoA	-6,56219379	-0,093	0,312
CHR5	4869606	CHR5:4869606	SSF x Far_LoA	-8,0481852	0,053	0,299
CHR5	4869612	CHR5:4869612	SSF x Far_LoA	-6,92934365	-0,048	0,307
CHR5	4869613	CHR5:4869613	SSF x Far_LoA	-10,1266977	-0,013	0,313
CHR5	4872170	CHR5:4872170	SSF x Far_LoA	-11,0420368	-0,012	0,304
CHR5	4874791	CHR5:4874791	SSF x Far_LoA	-9,17333635	0,079	0,294
CHR5	4874803	CHR5:4874803	SSF x Far_LoA	-8,70548257	0,029	0,321
CHR5	4874826	CHR5:4874826	SSF x Far_LoA	-6,96412751	0,074	0,311
CHR5	4874896	CHR5:4874896	SSF x Far_LoA	-7,89919105	0,075	0,306
CHR5	4874959	CHR5:4874959	SSF x Far_LoA	-10,6532979	0,019	0,303
CHR5	4876986	CHR5:4876986	SSF x Far_LoA	-10,5300712	-0,143	0,303
CHR5	4877054	CHR5:4877054	SSF x Far_LoA	-11,5212218	-0,063	0,309
CHR5	4877165	CHR5:4877165	SSF x Far_LoA	-10,0798674	-0,027	0,296
CHR5	4887137	CHR5:4887137	SSF x Far_LoA	-9,22636679	0,132	0,302
CHR5	4889692	CHR5:4889692	SSF x Far_LoA	-5,76612026	0,200	0,299
CHR5	4889704	CHR5:4889704	SSF x Far_LoA	-9,91850697	0,096	0,292
CHR5	4905015	CHR5:4905015	SSF x Far_LoA	-9,41694714	-0,094	0,299
CHR5	4905025	CHR5:4905025	SSF x Far_LoA	-11,4607441	-0,045	0,297
CHR5	4905199	CHR5:4905199	SSF x Far_LoA	-11,1153264	-0,046	0,308
CHR5	4905303	CHR5:4905303	SSF x Far_LoA	-10,9145413	-0,011	0,308
CHR5	4937195	CHR5:4937195	SSF x Far_LoA	-9,43982439	0,045	0,300
CHR5	4937990	CHR5:4937990	SSF x Far_LoA	-8,4509065	0,024	0,309
CHR5	4953766	CHR5:4953766	SSF x Far_LoA	-6,99909997	0,092	0,313
CHR5	4953834	CHR5:4953834	SSF x Far_LoA	-9,88233948	0,157	0,302
CHR5	4953840	CHR5:4953840	SSF x Far_LoA	-11,0806261	-0,066	0,303
CHR5	4953888	CHR5:4953888	SSF x Far_LoA	-7,70873975	0,031	0,311
CHR5	4953892	CHR5:4953892	SSF x Far_LoA	-10,9758	0,056	0,302
CHR5	4955042	CHR5:4955042	SSF x Far_LoA	-9,04883472	0,079	0,308
CHR5	4955093	CHR5:4955093	SSF x Far_LoA	-8,2157374	0,143	0,315
CHR5	4955095	CHR5:4955095	SSF x Far_LoA	-9,95014565	0,005	0,317

CHR5	4955123	CHR5:4955123	SSF x Far_LoA	-9,03183389	0,019	0,300
CHR5	4959468	CHR5:4959468	SSF x Far_LoA	-8,40610914	0,151	0,306
CHR5	4959652	CHR5:4959652	SSF x Far_LoA	-11,4320017	-0,036	0,308
CHR5	4977827	CHR5:4977827	SSF x Far_LoA	-7,82632155	0,143	0,300
CHR5	4977859	CHR5:4977859	SSF x Far_LoA	-9,70442862	0,047	0,306
CHR5	4977868	CHR5:4977868	SSF x Far_LoA	0,7576812	0,152	0,304
CHR5	4977969	CHR5:4977969	SSF x Far_LoA	-10,8955031	-0,024	0,306
CHR5	4978047	CHR5:4978047	SSF x Far_LoA	-10,5106061	-0,110	0,304
CHR5	49831	CHR5:49831	SSF x Far_LoA	-8,76676866	0,007	0,314
CHR5	4986475	CHR5:4986475	SSF x Far_LoA	-11,033901	0,134	0,304
CHR5	4986476	CHR5:4986476	SSF x Far_LoA	-9,84590818	0,062	0,291
CHR5	4986520	CHR5:4986520	SSF x Far_LoA	-9,41997553	-0,031	0,304
CHR5	4986588	CHR5:4986588	SSF x Far_LoA	-9,21991913	-0,070	0,310
CHR5	4986599	CHR5:4986599	SSF x Far_LoA	-10,7788183	0,064	0,302
CHR5	4991800	CHR5:4991800	SSF x Far_LoA	-9,96530869	0,089	0,303
CHR5	4992037	CHR5:4992037	SSF x Far_LoA	-9,35673867	0,023	0,314
CHR5	4992068	CHR5:4992068	SSF x Far_LoA	-10,5898554	0,096	0,310
CHR5	4992109	CHR5:4992109	SSF x Far_LoA	-9,7013084	-0,074	0,312
CHR5	4992140	CHR5:4992140	SSF x Far_LoA	-8,85662341	0,031	0,305
CHR5	4992163	CHR5:4992163	SSF x Far_LoA	-8,42383853	0,082	0,301
CHR5	4999144	CHR5:4999144	SSF x Far_LoA	-11,9396697	0,031	0,305
CHR5	4999173	CHR5:4999173	SSF x Far_LoA	-8,39576122	-0,049	0,273
CHR5	5009098	CHR5:5009098	SSF x Far_LoA	-7,73650715	-0,048	0,304
CHR5	5011891	CHR5:5011891	SSF x Far_LoA	-10,0214507	-0,019	0,314
CHR5	50121	CHR5:50121	SSF x Far_LoA	-8,22874772	-0,070	0,303
CHR5	5022163	CHR5:5022163	SSF x Far_LoA	-3,74056731	-0,082	0,310
CHR5	5024263	CHR5:5024263	SSF x Far_LoA	-8,94985583	0,058	0,294
CHR5	5028237	CHR5:5028237	SSF x Far_LoA	-10,5264417	0,113	0,299
CHR5	5028467	CHR5:5028467	SSF x Far_LoA	-4,73634404	-0,166	0,288
CHR5	5042384	CHR5:5042384	SSF x Far_LoA	-9,75237407	0,021	0,305
CHR5	5042394	CHR5:5042394	SSF x Far_LoA	-7,42245069	0,134	0,308
CHR5	5042395	CHR5:5042395	SSF x Far_LoA	-4,12954058	0,156	0,298
CHR5	5042408	CHR5:5042408	SSF x Far_LoA	-10,5701352	0,082	0,307
CHR5	5042508	CHR5:5042508	SSF x Far_LoA	-8,61528353	-0,074	0,309
CHR5	5042511	CHR5:5042511	SSF x Far_LoA	-7,56024565	0,044	0,309
CHR5	5042516	CHR5:5042516	SSF x Far_LoA	-12,120571	-0,069	0,295
CHR5	5042541	CHR5:5042541	SSF x Far_LoA	-8,4013365	0,017	0,316
CHR5	5042567	CHR5:5042567	SSF x Far_LoA	-9,14809401	-0,016	0,314
CHR5	5042593	CHR5:5042593	SSF x Far_LoA	-10,2876282	0,014	0,297
CHR5	5049803	CHR5:5049803	SSF x Far_LoA	-9,31913005	0,076	0,309
CHR5	5049861	CHR5:5049861	SSF x Far_LoA	-6,97627084	-0,040	0,295
CHR5	5049881	CHR5:5049881	SSF x Far_LoA	-7,37115894	-0,026	0,315
CHR5	5049886	CHR5:5049886	SSF x Far_LoA	-9,29744271	-0,046	0,308
CHR5	5049898	CHR5:5049898	SSF x Far_LoA	-11,167521	-0,031	0,304
CHR5	5049990	CHR5:5049990	SSF x Far_LoA	-10,164284	-0,059	0,323
CHR5	5049997	CHR5:5049997	SSF x Far_LoA	-11,6670207	-0,065	0,304
CHR5	5050025	CHR5:5050025	SSF x Far_LoA	-9,62608241	-0,030	0,306
CHR5	5058462	CHR5:5058462	SSF x Far_LoA	-9,72707481	0,133	0,282
CHR5	5058524	CHR5:5058524	SSF x Far_LoA	-10,3014954	0,047	0,302
CHR5	5058537	CHR5:5058537	SSF x Far_LoA	-9,95070588	-0,074	0,298
CHR5	5058538	CHR5:5058538	SSF x Far_LoA	-10,7930311	-0,034	0,316
CHR5	5058557	CHR5:5058557	SSF x Far_LoA	-9,13508477	-0,023	0,309
CHR5	5058569	CHR5:5058569	SSF x Far_LoA	-9,70951338	-0,044	0,297

CHR5	5058596	CHR5:5058596	SSF x Far_LoA	-9,10217418	0,017	0,309
CHR5	5059712	CHR5:5059712	SSF x Far_LoA	-7,03232321	-0,105	0,320
CHR5	5070146	CHR5:5070146	SSF x Far_LoA	-11,47978	0,004	0,315
CHR5	5076710	CHR5:5076710	SSF x Far_LoA	-10,3374333	0,014	0,303
CHR5	5076721	CHR5:5076721	SSF x Far_LoA	-11,5553897	0,061	0,297
CHR5	5076729	CHR5:5076729	SSF x Far_LoA	-11,6463157	0,031	0,291
CHR5	5079710	CHR5:5079710	SSF x Far_LoA	-9,83014799	0,098	0,294
CHR5	5079781	CHR5:5079781	SSF x Far_LoA	-9,45759354	0,027	0,316
CHR5	510783	CHR5:510783	SSF x Far_LoA	-10,8727114	-0,086	0,311
CHR5	5110671	CHR5:5110671	SSF x Far_LoA	-6,50897246	-0,092	0,306
CHR5	5110709	CHR5:5110709	SSF x Far_LoA	-9,95139065	0,021	0,302
CHR5	5110781	CHR5:5110781	SSF x Far_LoA	-10,5768814	0,099	0,325
CHR5	5110819	CHR5:5110819	SSF x Far_LoA	-11,7116593	-0,009	0,293
CHR5	5135786	CHR5:5135786	SSF x Far_LoA	-11,7810409	-0,030	0,310
CHR5	5135895	CHR5:5135895	SSF x Far_LoA	-10,2364434	0,075	0,303
CHR5	5136023	CHR5:5136023	SSF x Far_LoA	-11,6072773	-0,020	0,302
CHR5	5139094	CHR5:5139094	SSF x Far_LoA	-11,3070628	0,001	0,306
CHR5	5139312	CHR5:5139312	SSF x Far_LoA	-9,23441088	-0,065	0,303
CHR5	5139331	CHR5:5139331	SSF x Far_LoA	-7,8272844	-0,191	0,303
CHR5	5156711	CHR5:5156711	SSF x Far_LoA	-8,47528031	-0,078	0,317
CHR5	5156785	CHR5:5156785	SSF x Far_LoA	-11,2072659	-0,158	0,304
CHR5	5156799	CHR5:5156799	SSF x Far_LoA	-5,95074631	-0,167	0,305
CHR5	5156856	CHR5:5156856	SSF x Far_LoA	-10,2646797	-0,074	0,296
CHR5	5156890	CHR5:5156890	SSF x Far_LoA	-9,21989125	-0,021	0,306
CHR5	5156900	CHR5:5156900	SSF x Far_LoA	-7,31770951	-0,065	0,305
CHR5	5156902	CHR5:5156902	SSF x Far_LoA	-9,42938596	-0,014	0,312
CHR5	5156904	CHR5:5156904	SSF x Far_LoA	-8,56493683	0,005	0,306
CHR5	5156915	CHR5:5156915	SSF x Far_LoA	-9,02978365	-0,038	0,307
CHR5	5163415	CHR5:5163415	SSF x Far_LoA	-8,80115946	-0,093	0,318
CHR5	5163677	CHR5:5163677	SSF x Far_LoA	-1,03728844	-0,053	0,313
CHR5	5165373	CHR5:5165373	SSF x Far_LoA	-5,76728138	-0,230	0,283
CHR5	5168634	CHR5:5168634	SSF x Far_LoA	-9,53226722	0,048	0,303
CHR5	5168686	CHR5:5168686	SSF x Far_LoA	-9,68038547	-0,051	0,288
CHR5	5169554	CHR5:5169554	SSF x Far_LoA	-10,4458229	-0,025	0,320
CHR5	5169710	CHR5:5169710	SSF x Far_LoA	-11,8753239	0,024	0,306
CHR5	5169712	CHR5:5169712	SSF x Far_LoA	-9,93292573	0,015	0,307
CHR5	5174026	CHR5:5174026	SSF x Far_LoA	-7,92484735	-0,111	0,308
CHR5	5174045	CHR5:5174045	SSF x Far_LoA	-8,38278814	-0,003	0,309
CHR5	5174089	CHR5:5174089	SSF x Far_LoA	-4,38310071	-0,004	0,326
CHR5	5193009	CHR5:5193009	SSF x Far_LoA	-9,84259675	-0,074	0,309
CHR5	5193037	CHR5:5193037	SSF x Far_LoA	-9,87146413	-0,018	0,292
CHR5	5193122	CHR5:5193122	SSF x Far_LoA	-12,0149448	-0,023	0,306
CHR5	5194860	CHR5:5194860	SSF x Far_LoA	-9,52634146	0,038	0,310
CHR5	5194890	CHR5:5194890	SSF x Far_LoA	-8,19262266	-0,038	0,301
CHR5	5194932	CHR5:5194932	SSF x Far_LoA	-10,3969019	0,023	0,306
CHR5	5195018	CHR5:5195018	SSF x Far_LoA	-9,14778041	0,018	0,312
CHR5	5195073	CHR5:5195073	SSF x Far_LoA	-8,83312558	-0,009	0,308
CHR5	5203695	CHR5:5203695	SSF x Far_LoA	-10,7727331	0,051	0,295
CHR5	5203742	CHR5:5203742	SSF x Far_LoA	-9,12278513	0,109	0,313
CHR5	5211565	CHR5:5211565	SSF x Far_LoA	-8,57275139	-0,123	0,306
CHR5	5211600	CHR5:5211600	SSF x Far_LoA	-10,9119223	0,016	0,315
CHR5	5211605	CHR5:5211605	SSF x Far_LoA	-11,166773	0,054	0,305
CHR5	5211632	CHR5:5211632	SSF x Far_LoA	-9,26284928	0,058	0,315

CHR5	5211640	CHR5:5211640	SSF x Far_LoA	-7,48758753	0,076	0,305
CHR5	5211663	CHR5:5211663	SSF x Far_LoA	-8,06587713	0,091	0,307
CHR5	5216459	CHR5:5216459	SSF x Far_LoA	-8,3225702	-0,004	0,297
CHR5	5216479	CHR5:5216479	SSF x Far_LoA	-8,37165807	-0,015	0,301
CHR5	5216484	CHR5:5216484	SSF x Far_LoA	-10,6836284	-0,120	0,293
CHR5	5216513	CHR5:5216513	SSF x Far_LoA	-10,4590555	0,008	0,305
CHR5	5220821	CHR5:5220821	SSF x Far_LoA	-7,58932039	0,076	0,304
CHR5	5221410	CHR5:5221410	SSF x Far_LoA	-10,0058681	0,015	0,293
CHR5	5221446	CHR5:5221446	SSF x Far_LoA	-10,9016783	-0,068	0,311
CHR5	5221462	CHR5:5221462	SSF x Far_LoA	-1,09842356	-0,094	0,301
CHR5	5221466	CHR5:5221466	SSF x Far_LoA	-8,6511936	0,220	0,279
CHR5	5221469	CHR5:5221469	SSF x Far_LoA	-9,87833757	0,052	0,304
CHR5	5221491	CHR5:5221491	SSF x Far_LoA	-8,67119431	0,039	0,311
CHR5	5227583	CHR5:5227583	SSF x Far_LoA	-7,66717488	-0,026	0,315
CHR5	5234981	CHR5:5234981	SSF x Far_LoA	-8,49271195	-0,050	0,301
CHR5	5235031	CHR5:5235031	SSF x Far_LoA	-11,2518992	0,026	0,310
CHR5	5235213	CHR5:5235213	SSF x Far_LoA	-11,5437275	0,045	0,306
CHR5	5248929	CHR5:5248929	SSF x Far_LoA	-6,64146588	0,138	0,312
CHR5	5248945	CHR5:5248945	SSF x Far_LoA	-9,62852315	-0,088	0,302
CHR5	5249038	CHR5:5249038	SSF x Far_LoA	-9,21251268	-0,024	0,305
CHR5	5249136	CHR5:5249136	SSF x Far_LoA	-9,36290402	0,048	0,311
CHR5	5252411	CHR5:5252411	SSF x Far_LoA	-11,547429	-0,051	0,302
CHR5	5260145	CHR5:5260145	SSF x Far_LoA	-7,13849148	-0,086	0,311
CHR5	5260922	CHR5:5260922	SSF x Far_LoA	-7,39415006	-0,098	0,306
CHR5	5260930	CHR5:5260930	SSF x Far_LoA	-10,0988753	-0,056	0,305
CHR5	5260958	CHR5:5260958	SSF x Far_LoA	-6,10809922	-0,133	0,302
CHR5	5260969	CHR5:5260969	SSF x Far_LoA	1,93695369	-0,041	0,304
CHR5	5260994	CHR5:5260994	SSF x Far_LoA	-5,82099829	-0,128	0,314
CHR5	5261020	CHR5:5261020	SSF x Far_LoA	-9,09421147	-0,040	0,302
CHR5	5261043	CHR5:5261043	SSF x Far_LoA	-9,39465599	-0,014	0,312
CHR5	5261049	CHR5:5261049	SSF x Far_LoA	-10,2060561	-0,047	0,300
CHR5	5261053	CHR5:5261053	SSF x Far_LoA	-5,69047521	-0,068	0,314
CHR5	5268177	CHR5:5268177	SSF x Far_LoA	-9,0612957	-0,031	0,299
CHR5	5276955	CHR5:5276955	SSF x Far_LoA	-9,9580722	-0,058	0,308
CHR5	5277169	CHR5:5277169	SSF x Far_LoA	-8,58769236	-0,041	0,314
CHR5	5277195	CHR5:5277195	SSF x Far_LoA	-9,18084188	0,018	0,312
CHR5	5277213	CHR5:5277213	SSF x Far_LoA	-9,0147221	-0,019	0,306
CHR5	5290009	CHR5:5290009	SSF x Far_LoA	-9,38967645	0,028	0,314
CHR5	5290075	CHR5:5290075	SSF x Far_LoA	-9,71978679	-0,066	0,317
CHR5	5290083	CHR5:5290083	SSF x Far_LoA	-11,4671067	-0,044	0,303
CHR5	5290117	CHR5:5290117	SSF x Far_LoA	-9,90957115	-0,052	0,308
CHR5	5290158	CHR5:5290158	SSF x Far_LoA	-9,21439051	-0,014	0,299
CHR5	5303341	CHR5:5303341	SSF x Far_LoA	-9,66698587	0,088	0,303
CHR5	5309911	CHR5:5309911	SSF x Far_LoA	-10,6001892	-0,099	0,312
CHR5	5309959	CHR5:5309959	SSF x Far_LoA	-7,25555057	0,025	0,311
CHR5	5309981	CHR5:5309981	SSF x Far_LoA	-8,42932847	0,009	0,308
CHR5	5309998	CHR5:5309998	SSF x Far_LoA	-11,224881	0,067	0,297
CHR5	5310045	CHR5:5310045	SSF x Far_LoA	-9,75360867	0,069	0,317
CHR5	5315691	CHR5:5315691	SSF x Far_LoA	-4,26057782	0,014	0,327
CHR5	5338597	CHR5:5338597	SSF x Far_LoA	-11,7249042	0,070	0,302
CHR5	5338769	CHR5:5338769	SSF x Far_LoA	-11,6893818	0,025	0,318
CHR5	5362090	CHR5:5362090	SSF x Far_LoA	-9,90619928	-0,145	0,302
CHR5	5362136	CHR5:5362136	SSF x Far_LoA	-11,1943939	-0,087	0,309

CHR5	5375130	CHR5:5375130	SSF x Far_LoA	-10,7795001	-0,068	0,323
CHR5	5382084	CHR5:5382084	SSF x Far_LoA	-10,4370361	-0,099	0,298
CHR5	5382111	CHR5:5382111	SSF x Far_LoA	-10,6565294	-0,052	0,315
CHR5	5382116	CHR5:5382116	SSF x Far_LoA	-10,6717397	0,001	0,297
CHR5	5389941	CHR5:5389941	SSF x Far_LoA	-7,81510619	-0,019	0,305
CHR5	5389945	CHR5:5389945	SSF x Far_LoA	-8,39330683	-0,062	0,312
CHR5	5391976	CHR5:5391976	SSF x Far_LoA	-10,9272709	0,005	0,296
CHR5	5392008	CHR5:5392008	SSF x Far_LoA	-6,86209143	0,162	0,308
CHR5	5392204	CHR5:5392204	SSF x Far_LoA	-9,78817909	0,055	0,310
CHR5	5392244	CHR5:5392244	SSF x Far_LoA	-9,03417079	0,025	0,305
CHR5	5392304	CHR5:5392304	SSF x Far_LoA	-9,27478356	-0,032	0,303
CHR5	5400377	CHR5:5400377	SSF x Far_LoA	-9,81514505	-0,068	0,310
CHR5	5400484	CHR5:5400484	SSF x Far_LoA	-6,94505437	-0,004	0,314
CHR5	5400509	CHR5:5400509	SSF x Far_LoA	-9,85177225	-0,056	0,303
CHR5	5400524	CHR5:5400524	SSF x Far_LoA	-11,2640103	-0,025	0,300
CHR5	5403454	CHR5:5403454	SSF x Far_LoA	-9,25772398	0,047	0,311
CHR5	5409339	CHR5:5409339	SSF x Far_LoA	-8,38008236	-0,051	0,309
CHR5	5409519	CHR5:5409519	SSF x Far_LoA	-11,3809868	-0,046	0,298
CHR5	5410637	CHR5:5410637	SSF x Far_LoA	-10,1854802	0,030	0,305
CHR5	5410764	CHR5:5410764	SSF x Far_LoA	-8,37757093	-0,019	0,318
CHR5	5418026	CHR5:5418026	SSF x Far_LoA	-9,60469087	-0,116	0,303
CHR5	5425436	CHR5:5425436	SSF x Far_LoA	-10,3167793	-0,028	0,310
CHR5	5457356	CHR5:5457356	SSF x Far_LoA	-5,18914408	-0,092	0,303
CHR5	5457359	CHR5:5457359	SSF x Far_LoA	-8,95504306	0,004	0,314
CHR5	5457370	CHR5:5457370	SSF x Far_LoA	-8,38348209	0,031	0,309
CHR5	5457401	CHR5:5457401	SSF x Far_LoA	-7,04344045	-0,068	0,301
CHR5	5457443	CHR5:5457443	SSF x Far_LoA	-9,01067572	-0,107	0,309
CHR5	5457476	CHR5:5457476	SSF x Far_LoA	-7,92861581	-0,055	0,308
CHR5	5457568	CHR5:5457568	SSF x Far_LoA	-10,3473306	0,011	0,304
CHR5	545967	CHR5:545967	SSF x Far_LoA	-7,9887652	0,008	0,316
CHR5	545980	CHR5:545980	SSF x Far_LoA	-7,53121207	-0,004	0,307
CHR5	545981	CHR5:545981	SSF x Far_LoA	-8,96798603	-0,012	0,317
CHR5	546002	CHR5:546002	SSF x Far_LoA	-8,28456083	-0,002	0,310
CHR5	546012	CHR5:546012	SSF x Far_LoA	-9,23287006	0,015	0,311
CHR5	546018	CHR5:546018	SSF x Far_LoA	-6,44077731	-0,016	0,324
CHR5	546031	CHR5:546031	SSF x Far_LoA	-8,88740882	-0,013	0,313
CHR5	5470093	CHR5:5470093	SSF x Far_LoA	-9,24903879	0,007	0,304
CHR5	5473511	CHR5:5473511	SSF x Far_LoA	-9,7687295	-0,081	0,300
CHR5	5474576	CHR5:5474576	SSF x Far_LoA	-5,53297788	-0,005	0,301
CHR5	5476627	CHR5:5476627	SSF x Far_LoA	-8,98185628	0,073	0,312
CHR5	5476666	CHR5:5476666	SSF x Far_LoA	-4,25948874	-0,052	0,309
CHR5	5476883	CHR5:5476883	SSF x Far_LoA	-8,27095579	-0,122	0,307
CHR5	5479792	CHR5:5479792	SSF x Far_LoA	-9,18470153	-0,148	0,297
CHR5	5480681	CHR5:5480681	SSF x Far_LoA	-10,9631442	0,109	0,300
CHR5	5481784	CHR5:5481784	SSF x Far_LoA	-9,0449526	-0,032	0,313
CHR5	5481809	CHR5:5481809	SSF x Far_LoA	1,97315276	-0,006	0,325
CHR5	5491187	CHR5:5491187	SSF x Far_LoA	-10,0062878	0,002	0,309
CHR5	5491233	CHR5:5491233	SSF x Far_LoA	-11,7992187	0,028	0,305
CHR5	5491293	CHR5:5491293	SSF x Far_LoA	-9,55255957	0,018	0,316
CHR5	5491390	CHR5:5491390	SSF x Far_LoA	-10,8138679	-0,007	0,312
CHR5	5501604	CHR5:5501604	SSF x Far_LoA	-10,3402008	0,034	0,300
CHR5	5501676	CHR5:5501676	SSF x Far_LoA	-9,62795158	0,133	0,297
CHR5	5501991	CHR5:5501991	SSF x Far_LoA	-9,6310453	-0,086	0,291

CHR5	5502001	CHR5:5502001	SSF x Far_LoA	-10,4007412	-0,130	0,298
CHR5	5502075	CHR5:5502075	SSF x Far_LoA	-10,2186033	-0,104	0,322
CHR5	5502141	CHR5:5502141	SSF x Far_LoA	-10,6072601	-0,045	0,303
CHR5	5514893	CHR5:5514893	SSF x Far_LoA	-6,15428328	-0,124	0,294
CHR5	5514996	CHR5:5514996	SSF x Far_LoA	-8,11353236	0,095	0,302
CHR5	5519776	CHR5:5519776	SSF x Far_LoA	-11,9162037	0,008	0,295
CHR5	5520016	CHR5:5520016	SSF x Far_LoA	-4,30469509	-0,131	0,311
CHR5	5528662	CHR5:5528662	SSF x Far_LoA	-9,36255994	0,001	0,290
CHR5	5528671	CHR5:5528671	SSF x Far_LoA	-8,68941989	0,089	0,299
CHR5	5539872	CHR5:5539872	SSF x Far_LoA	-10,4290072	0,079	0,301
CHR5	5539899	CHR5:5539899	SSF x Far_LoA	-11,5556274	-0,057	0,298
CHR5	5539918	CHR5:5539918	SSF x Far_LoA	-11,669943	-0,065	0,308
CHR5	5540029	CHR5:5540029	SSF x Far_LoA	-9,99212315	-0,076	0,306
CHR5	5540050	CHR5:5540050	SSF x Far_LoA	-8,59334031	-0,112	0,319
CHR5	5540563	CHR5:5540563	SSF x Far_LoA	-10,3497438	-0,114	0,302
CHR5	5553413	CHR5:5553413	SSF x Far_LoA	-6,40631104	0,215	0,292
CHR5	5553572	CHR5:5553572	SSF x Far_LoA	-10,0864568	-0,150	0,311
CHR5	5573893	CHR5:5573893	SSF x Far_LoA	-7,76228785	0,056	0,312
CHR5	5574130	CHR5:5574130	SSF x Far_LoA	-7,91589042	-0,125	0,315
CHR5	5574196	CHR5:5574196	SSF x Far_LoA	-11,3212773	-0,001	0,321
CHR5	5574258	CHR5:5574258	SSF x Far_LoA	-10,3191593	-0,017	0,311
CHR5	5583825	CHR5:5583825	SSF x Far_LoA	-8,62658472	0,139	0,299
CHR5	5583826	CHR5:5583826	SSF x Far_LoA	-8,14029756	0,137	0,305
CHR5	5584068	CHR5:5584068	SSF x Far_LoA	-7,94503595	0,049	0,324
CHR5	5584112	CHR5:5584112	SSF x Far_LoA	-9,84920598	-0,122	0,298
CHR5	5589769	CHR5:5589769	SSF x Far_LoA	-9,35350121	-0,057	0,309
CHR5	5589773	CHR5:5589773	SSF x Far_LoA	-8,51930109	-0,013	0,311
CHR5	5589858	CHR5:5589858	SSF x Far_LoA	-9,25615167	-0,079	0,308
CHR5	5589907	CHR5:5589907	SSF x Far_LoA	-9,93796824	0,026	0,318
CHR5	5595779	CHR5:5595779	SSF x Far_LoA	-10,3556525	0,083	0,304
CHR5	5603130	CHR5:5603130	SSF x Far_LoA	-7,59485852	-0,141	0,304
CHR5	5607566	CHR5:5607566	SSF x Far_LoA	-9,72385824	0,068	0,320
CHR5	5610226	CHR5:5610226	SSF x Far_LoA	-9,04510452	0,028	0,312
CHR5	5610267	CHR5:5610267	SSF x Far_LoA	-7,12596133	-0,124	0,315
CHR5	5612255	CHR5:5612255	SSF x Far_LoA	-6,63373954	0,087	0,305
CHR5	5628192	CHR5:5628192	SSF x Far_LoA	-8,04667486	0,050	0,312
CHR5	563390	CHR5:563390	SSF x Far_LoA	-6,96109234	-0,005	0,322
CHR5	5634876	CHR5:5634876	SSF x Far_LoA	-9,07535194	-0,074	0,310
CHR5	5634924	CHR5:5634924	SSF x Far_LoA	-11,5125942	0,034	0,294
CHR5	5634933	CHR5:5634933	SSF x Far_LoA	-10,2547466	0,106	0,307
CHR5	5634946	CHR5:5634946	SSF x Far_LoA	-10,884004	0,026	0,301
CHR5	5634985	CHR5:5634985	SSF x Far_LoA	-11,3548874	0,090	0,300
CHR5	5635049	CHR5:5635049	SSF x Far_LoA	-10,1388285	-0,035	0,310
CHR5	5635063	CHR5:5635063	SSF x Far_LoA	-8,71180409	-0,020	0,303
CHR5	5635091	CHR5:5635091	SSF x Far_LoA	-8,66148987	-0,007	0,308
CHR5	5635096	CHR5:5635096	SSF x Far_LoA	-9,4517045	0,007	0,291
CHR5	5639914	CHR5:5639914	SSF x Far_LoA	-10,6481426	0,084	0,292
CHR5	5639931	CHR5:5639931	SSF x Far_LoA	-3,688768	-0,217	0,281
CHR5	5639954	CHR5:5639954	SSF x Far_LoA	-3,81340777	-0,194	0,276
CHR5	5640004	CHR5:5640004	SSF x Far_LoA	-11,9439907	-0,019	0,297
CHR5	5640031	CHR5:5640031	SSF x Far_LoA	-11,5374898	-0,108	0,296
CHR5	5640041	CHR5:5640041	SSF x Far_LoA	-8,45054616	0,022	0,300
CHR5	5640061	CHR5:5640061	SSF x Far_LoA	-7,75247569	-0,004	0,317

CHR5	5640128	CHR5:5640128	SSF x Far_LoA	-10,6810141	-0,029	0,306
CHR5	5640132	CHR5:5640132	SSF x Far_LoA	-6,49264452	-0,147	0,286
CHR5	5650138	CHR5:5650138	SSF x Far_LoA	-6,89995837	0,103	0,316
CHR5	5650246	CHR5:5650246	SSF x Far_LoA	-7,19773583	-0,168	0,301
CHR5	5651155	CHR5:5651155	SSF x Far_LoA	-8,47373396	-0,011	0,309
CHR5	5660202	CHR5:5660202	SSF x Far_LoA	-9,82122405	0,012	0,304
CHR5	5660237	CHR5:5660237	SSF x Far_LoA	-9,51661406	0,049	0,315
CHR5	5660262	CHR5:5660262	SSF x Far_LoA	-10,3552491	0,004	0,307
CHR5	5660273	CHR5:5660273	SSF x Far_LoA	-10,8365332	0,027	0,302
CHR5	5663274	CHR5:5663274	SSF x Far_LoA	-8,28350402	0,044	0,295
CHR5	5663296	CHR5:5663296	SSF x Far_LoA	-10,501917	0,143	0,310
CHR5	5663325	CHR5:5663325	SSF x Far_LoA	-11,1091094	0,014	0,309
CHR5	5663358	CHR5:5663358	SSF x Far_LoA	-5,70015134	0,076	0,286
CHR5	5663402	CHR5:5663402	SSF x Far_LoA	-9,13039239	0,036	0,303
CHR5	5663440	CHR5:5663440	SSF x Far_LoA	-5,90150184	-0,102	0,302
CHR5	5668747	CHR5:5668747	SSF x Far_LoA	-9,42361378	-0,053	0,280
CHR5	5668836	CHR5:5668836	SSF x Far_LoA	-7,20705162	0,059	0,328
CHR5	5668848	CHR5:5668848	SSF x Far_LoA	-10,7661194	0,034	0,305
CHR5	5668851	CHR5:5668851	SSF x Far_LoA	-8,99153813	-0,060	0,306
CHR5	5687174	CHR5:5687174	SSF x Far_LoA	-9,3743257	-0,060	0,296
CHR5	5704184	CHR5:5704184	SSF x Far_LoA	-8,07276426	-0,050	0,313
CHR5	5704253	CHR5:5704253	SSF x Far_LoA	-10,5632596	0,036	0,310
CHR5	5704326	CHR5:5704326	SSF x Far_LoA	-11,0763895	0,094	0,290
CHR5	5704472	CHR5:5704472	SSF x Far_LoA	-9,12176942	-0,098	0,308
CHR5	570574	CHR5:570574	SSF x Far_LoA	-9,46058446	-0,047	0,310
CHR5	5716110	CHR5:5716110	SSF x Far_LoA	-10,9553653	0,038	0,321
CHR5	5716164	CHR5:5716164	SSF x Far_LoA	-11,6899186	-0,051	0,306
CHR5	5719883	CHR5:5719883	SSF x Far_LoA	-11,6207563	-0,021	0,300
CHR5	5719925	CHR5:5719925	SSF x Far_LoA	-10,1610697	0,037	0,300
CHR5	5732361	CHR5:5732361	SSF x Far_LoA	-11,70686	-0,109	0,302
CHR5	5768844	CHR5:5768844	SSF x Far_LoA	-9,71917179	0,052	0,312
CHR5	57836	CHR5:57836	SSF x Far_LoA	-9,29041892	-0,023	0,304
CHR5	5800150	CHR5:5800150	SSF x Far_LoA	-10,3223943	-0,108	0,311
CHR5	5800151	CHR5:5800151	SSF x Far_LoA	-11,7051906	-0,007	0,316
CHR5	5803625	CHR5:5803625	SSF x Far_LoA	-8,06130339	0,079	0,298
CHR5	5825059	CHR5:5825059	SSF x Far_LoA	-8,53327662	0,122	0,305
CHR5	5825148	CHR5:5825148	SSF x Far_LoA	-9,93819057	-0,079	0,299
CHR5	5825163	CHR5:5825163	SSF x Far_LoA	-9,55952642	-0,127	0,298
CHR5	5825184	CHR5:5825184	SSF x Far_LoA	-8,52191953	0,144	0,296
CHR5	5825192	CHR5:5825192	SSF x Far_LoA	-8,5239143	-0,124	0,303
CHR5	5829708	CHR5:5829708	SSF x Far_LoA	-7,16853993	0,065	0,307
CHR5	5829715	CHR5:5829715	SSF x Far_LoA	-10,2903767	-0,096	0,303
CHR5	5829779	CHR5:5829779	SSF x Far_LoA	-8,93440388	-0,035	0,317
CHR5	5829834	CHR5:5829834	SSF x Far_LoA	-10,1691397	-0,028	0,315
CHR5	5829838	CHR5:5829838	SSF x Far_LoA	-8,55350457	-0,151	0,297
CHR5	5829840	CHR5:5829840	SSF x Far_LoA	-10,2594618	-0,018	0,311
CHR5	5829841	CHR5:5829841	SSF x Far_LoA	-8,27341652	-0,046	0,307
CHR5	5829874	CHR5:5829874	SSF x Far_LoA	-8,65029667	-0,048	0,303
CHR5	5829875	CHR5:5829875	SSF x Far_LoA	-8,62198446	-0,053	0,300
CHR5	5829963	CHR5:5829963	SSF x Far_LoA	-8,06654309	0,120	0,300
CHR5	5829983	CHR5:5829983	SSF x Far_LoA	-8,6535401	0,087	0,305
CHR5	5839548	CHR5:5839548	SSF x Far_LoA	-9,9314598	0,032	0,301
CHR5	5839551	CHR5:5839551	SSF x Far_LoA	-9,20327958	-0,001	0,323

CHR5	5839578	CHR5:5839578	SSF x Far_LoA	-9,78295239	0,028	0,324
CHR5	5842037	CHR5:5842037	SSF x Far_LoA	-8,23022797	0,056	0,301
CHR5	5842119	CHR5:5842119	SSF x Far_LoA	-8,90520089	0,032	0,308
CHR5	5847112	CHR5:5847112	SSF x Far_LoA	-9,23155221	0,083	0,310
CHR5	5847223	CHR5:5847223	SSF x Far_LoA	-10,8016837	-0,057	0,310
CHR5	5848038	CHR5:5848038	SSF x Far_LoA	-9,54762337	-0,072	0,300
CHR5	5854941	CHR5:5854941	SSF x Far_LoA	-8,72804647	-0,027	0,305
CHR5	5860836	CHR5:5860836	SSF x Far_LoA	-9,27951621	0,023	0,304
CHR5	5866712	CHR5:5866712	SSF x Far_LoA	-11,3073592	-0,001	0,321
CHR5	5866832	CHR5:5866832	SSF x Far_LoA	-8,71658588	0,043	0,299
CHR5	5876378	CHR5:5876378	SSF x Far_LoA	-8,24287327	-0,131	0,301
CHR5	5876398	CHR5:5876398	SSF x Far_LoA	-7,35788673	-0,129	0,306
CHR5	5876412	CHR5:5876412	SSF x Far_LoA	-2,69667425	0,110	0,298
CHR5	5876472	CHR5:5876472	SSF x Far_LoA	-4,10172113	-0,053	0,313
CHR5	5876493	CHR5:5876493	SSF x Far_LoA	-8,50943869	-0,040	0,304
CHR5	5876495	CHR5:5876495	SSF x Far_LoA	-9,27170402	0,097	0,296
CHR5	5876517	CHR5:5876517	SSF x Far_LoA	-10,6070847	-0,054	0,305
CHR5	5876534	CHR5:5876534	SSF x Far_LoA	-10,5040434	-0,062	0,298
CHR5	5887159	CHR5:5887159	SSF x Far_LoA	-8,86060125	0,052	0,311
CHR5	5887295	CHR5:5887295	SSF x Far_LoA	-2,14740559	-0,154	0,303
CHR5	5889785	CHR5:5889785	SSF x Far_LoA	-9,81878656	-0,011	0,313
CHR5	5893348	CHR5:5893348	SSF x Far_LoA	-12,5978683	0,007	0,298
CHR5	5893472	CHR5:5893472	SSF x Far_LoA	-9,34839167	0,044	0,322
CHR5	5897501	CHR5:5897501	SSF x Far_LoA	-10,7636561	0,115	0,311
CHR5	5900997	CHR5:5900997	SSF x Far_LoA	-7,21759386	0,078	0,290
CHR5	5911552	CHR5:5911552	SSF x Far_LoA	-8,37655929	-0,204	0,281
CHR5	5918237	CHR5:5918237	SSF x Far_LoA	-8,7668284	-0,077	0,307
CHR5	5918254	CHR5:5918254	SSF x Far_LoA	-7,68649946	0,139	0,301
CHR5	5918411	CHR5:5918411	SSF x Far_LoA	-7,91591621	0,208	0,296
CHR5	5919873	CHR5:5919873	SSF x Far_LoA	-11,1733123	-0,001	0,307
CHR5	5919938	CHR5:5919938	SSF x Far_LoA	-3,69950182	0,133	0,297
CHR5	5919952	CHR5:5919952	SSF x Far_LoA	-10,6712663	-0,008	0,309
CHR5	5920060	CHR5:5920060	SSF x Far_LoA	-7,3136489	-0,051	0,322
CHR5	5920091	CHR5:5920091	SSF x Far_LoA	-11,0551047	0,066	0,302
CHR5	5920093	CHR5:5920093	SSF x Far_LoA	-10,7380773	0,084	0,303
CHR5	5928447	CHR5:5928447	SSF x Far_LoA	-8,95591047	0,078	0,302
CHR5	5930473	CHR5:5930473	SSF x Far_LoA	-9,48647215	-0,014	0,312
CHR5	5930489	CHR5:5930489	SSF x Far_LoA	0,90630371	-0,070	0,307
CHR5	5937742	CHR5:5937742	SSF x Far_LoA	-10,0062634	-0,009	0,302
CHR5	5937966	CHR5:5937966	SSF x Far_LoA	-10,1964849	0,057	0,295
CHR5	5938035	CHR5:5938035	SSF x Far_LoA	-9,23722143	0,006	0,312
CHR5	5941483	CHR5:5941483	SSF x Far_LoA	-11,4328907	0,050	0,304
CHR5	5941530	CHR5:5941530	SSF x Far_LoA	-10,782875	-0,016	0,316
CHR5	5954649	CHR5:5954649	SSF x Far_LoA	-7,87987712	0,031	0,307
CHR5	5959743	CHR5:5959743	SSF x Far_LoA	-8,67288694	0,047	0,307
CHR5	5959813	CHR5:5959813	SSF x Far_LoA	-7,72677176	-0,073	0,315
CHR5	5961146	CHR5:5961146	SSF x Far_LoA	-8,5928224	0,033	0,314
CHR5	5966766	CHR5:5966766	SSF x Far_LoA	-9,66580941	0,001	0,318
CHR5	5971758	CHR5:5971758	SSF x Far_LoA	-10,7107361	0,047	0,308
CHR5	5971776	CHR5:5971776	SSF x Far_LoA	-9,38378858	-0,040	0,316
CHR5	5974025	CHR5:5974025	SSF x Far_LoA	-9,41738384	-0,012	0,315
CHR5	5974164	CHR5:5974164	SSF x Far_LoA	-11,7045635	0,035	0,297
CHR5	5977285	CHR5:5977285	SSF x Far_LoA	-8,78846231	-0,004	0,300

CHR5	5977291	CHR5:5977291	SSF x Far_LoA	-9,87387689	0,039	0,316
CHR5	5977363	CHR5:5977363	SSF x Far_LoA	-11,7487162	-0,071	0,309
CHR5	5995569	CHR5:5995569	SSF x Far_LoA	-8,61904272	0,067	0,314
CHR5	5995663	CHR5:5995663	SSF x Far_LoA	-8,76681728	0,088	0,300
CHR5	5995669	CHR5:5995669	SSF x Far_LoA	-5,43492108	0,125	0,293
CHR5	5997180	CHR5:5997180	SSF x Far_LoA	-10,2103272	-0,001	0,304
CHR5	5997947	CHR5:5997947	SSF x Far_LoA	-11,5545307	-0,006	0,308
CHR5	6023823	CHR5:6023823	SSF x Far_LoA	-8,97892554	-0,112	0,311
CHR5	6023838	CHR5:6023838	SSF x Far_LoA	-8,17788989	0,049	0,312
CHR5	6023852	CHR5:6023852	SSF x Far_LoA	-8,05323249	0,064	0,321
CHR5	6027966	CHR5:6027966	SSF x Far_LoA	-3,16788229	0,003	0,304
CHR5	6030897	CHR5:6030897	SSF x Far_LoA	-9,10561074	-0,023	0,297
CHR5	6030899	CHR5:6030899	SSF x Far_LoA	-9,79664334	-0,049	0,295
CHR5	6030925	CHR5:6030925	SSF x Far_LoA	-8,9376098	-0,017	0,300
CHR5	6030935	CHR5:6030935	SSF x Far_LoA	-10,5836336	-0,095	0,303
CHR5	6030940	CHR5:6030940	SSF x Far_LoA	-9,58656895	-0,046	0,300
CHR5	6030987	CHR5:6030987	SSF x Far_LoA	-9,84225756	-0,077	0,307
CHR5	6030994	CHR5:6030994	SSF x Far_LoA	-9,34310778	-0,116	0,309
CHR5	6030996	CHR5:6030996	SSF x Far_LoA	-11,2659042	-0,024	0,310
CHR5	6030998	CHR5:6030998	SSF x Far_LoA	-5,86683372	-0,167	0,296
CHR5	6031032	CHR5:6031032	SSF x Far_LoA	-8,88446492	-0,062	0,306
CHR5	6031056	CHR5:6031056	SSF x Far_LoA	-11,5512054	-0,021	0,303
CHR5	6031075	CHR5:6031075	SSF x Far_LoA	-11,6959975	-0,052	0,311
CHR5	6031083	CHR5:6031083	SSF x Far_LoA	-11,7245778	-0,066	0,298
CHR5	6031085	CHR5:6031085	SSF x Far_LoA	-11,9549506	-0,062	0,300
CHR5	6031141	CHR5:6031141	SSF x Far_LoA	-7,60530811	-0,121	0,306
CHR5	6031147	CHR5:6031147	SSF x Far_LoA	-8,42865459	-0,083	0,305
CHR5	6031220	CHR5:6031220	SSF x Far_LoA	-7,34079532	-0,127	0,302
CHR5	6031305	CHR5:6031305	SSF x Far_LoA	-9,98261885	0,013	0,305
CHR5	6037519	CHR5:6037519	SSF x Far_LoA	-10,5321682	-0,034	0,314
CHR5	6037525	CHR5:6037525	SSF x Far_LoA	-8,31672675	-0,141	0,302
CHR5	6037563	CHR5:6037563	SSF x Far_LoA	-9,68104029	-0,003	0,315
CHR5	6043655	CHR5:6043655	SSF x Far_LoA	-10,9491223	-0,016	0,289
CHR5	6043662	CHR5:6043662	SSF x Far_LoA	-9,55946511	0,144	0,290
CHR5	6043809	CHR5:6043809	SSF x Far_LoA	-8,39277953	-0,060	0,296
CHR5	6043883	CHR5:6043883	SSF x Far_LoA	-10,7077094	0,040	0,302
CHR5	6078913	CHR5:6078913	SSF x Far_LoA	-9,85002099	0,059	0,303
CHR5	6079016	CHR5:6079016	SSF x Far_LoA	-11,4693816	0,104	0,305
CHR5	6079045	CHR5:6079045	SSF x Far_LoA	-8,42145943	-0,076	0,307
CHR5	6079085	CHR5:6079085	SSF x Far_LoA	-12,4531616	-0,027	0,302
CHR5	6087663	CHR5:6087663	SSF x Far_LoA	-10,5969355	-0,048	0,294
CHR5	6087898	CHR5:6087898	SSF x Far_LoA	-7,48998766	0,042	0,309
CHR5	6087958	CHR5:6087958	SSF x Far_LoA	-12,4333583	0,014	0,295
CHR5	6089519	CHR5:6089519	SSF x Far_LoA	-12,0881182	0,006	0,294
CHR5	6095369	CHR5:6095369	SSF x Far_LoA	-5,86391961	0,095	0,300
CHR5	6095413	CHR5:6095413	SSF x Far_LoA	-7,643284	-0,048	0,309
CHR5	6095414	CHR5:6095414	SSF x Far_LoA	-12,103879	-0,061	0,301
CHR5	6095417	CHR5:6095417	SSF x Far_LoA	-6,33239825	0,119	0,287
CHR5	6096244	CHR5:6096244	SSF x Far_LoA	-6,83636451	0,126	0,307
CHR5	6112258	CHR5:6112258	SSF x Far_LoA	-7,39592362	-0,015	0,302
CHR5	6112384	CHR5:6112384	SSF x Far_LoA	-8,03985556	0,074	0,310
CHR5	6113792	CHR5:6113792	SSF x Far_LoA	-10,0272815	-0,073	0,316
CHR5	6113801	CHR5:6113801	SSF x Far_LoA	-5,87209153	-0,111	0,302

CHR5	6130162	CHR5:6130162	SSF x Far_LoA	-8,54281676	-0,050	0,309
CHR5	6130163	CHR5:6130163	SSF x Far_LoA	-8,91587481	-0,013	0,320
CHR5	6130180	CHR5:6130180	SSF x Far_LoA	-10,6159416	-0,038	0,309
CHR5	6130203	CHR5:6130203	SSF x Far_LoA	-9,80229864	0,036	0,305
CHR5	6133678	CHR5:6133678	SSF x Far_LoA	-7,78836324	0,139	0,300
CHR5	6136001	CHR5:6136001	SSF x Far_LoA	-12,3471549	0,022	0,317
CHR5	6136025	CHR5:6136025	SSF x Far_LoA	-4,13801779	0,058	0,307
CHR5	6136073	CHR5:6136073	SSF x Far_LoA	1,29113682	-0,197	0,296
CHR5	6136179	CHR5:6136179	SSF x Far_LoA	-7,43584718	0,062	0,302
CHR5	6139197	CHR5:6139197	SSF x Far_LoA	-10,1111544	-0,026	0,314
CHR5	6139266	CHR5:6139266	SSF x Far_LoA	-8,8156642	-0,017	0,302
CHR5	6139316	CHR5:6139316	SSF x Far_LoA	-4,34842869	0,142	0,309
CHR5	6146114	CHR5:6146114	SSF x Far_LoA	-9,26431569	-0,036	0,300
CHR5	6146210	CHR5:6146210	SSF x Far_LoA	-4,47029009	0,062	0,325
CHR5	6146214	CHR5:6146214	SSF x Far_LoA	-8,52550742	0,068	0,308
CHR5	6146221	CHR5:6146221	SSF x Far_LoA	-9,9141029	-0,027	0,326
CHR5	6148900	CHR5:6148900	SSF x Far_LoA	-8,64995702	-0,001	0,311
CHR5	6148905	CHR5:6148905	SSF x Far_LoA	-9,50208109	0,028	0,295
CHR5	6148988	CHR5:6148988	SSF x Far_LoA	-11,2096492	-0,027	0,306
CHR5	6149022	CHR5:6149022	SSF x Far_LoA	-9,96050687	0,008	0,309
CHR5	6149023	CHR5:6149023	SSF x Far_LoA	-10,0531196	0,004	0,318
CHR5	6149049	CHR5:6149049	SSF x Far_LoA	-9,51443284	0,005	0,302
CHR5	6149136	CHR5:6149136	SSF x Far_LoA	-11,0766936	-0,040	0,300
CHR5	6154002	CHR5:6154002	SSF x Far_LoA	-7,83062286	-0,021	0,330
CHR5	6154030	CHR5:6154030	SSF x Far_LoA	-11,2718963	-0,051	0,300
CHR5	6154032	CHR5:6154032	SSF x Far_LoA	-10,5260693	0,122	0,298
CHR5	6154052	CHR5:6154052	SSF x Far_LoA	-10,4686944	0,095	0,310
CHR5	6154085	CHR5:6154085	SSF x Far_LoA	-8,8118092	-0,032	0,303
CHR5	6154086	CHR5:6154086	SSF x Far_LoA	-9,67322211	0,034	0,313
CHR5	6154118	CHR5:6154118	SSF x Far_LoA	-9,93791122	0,035	0,289
CHR5	6154119	CHR5:6154119	SSF x Far_LoA	-8,67904875	-0,074	0,303
CHR5	6154159	CHR5:6154159	SSF x Far_LoA	-9,59993475	-0,006	0,328
CHR5	6154169	CHR5:6154169	SSF x Far_LoA	-10,7468017	-0,002	0,308
CHR5	6158457	CHR5:6158457	SSF x Far_LoA	-8,31565732	-0,009	0,308
CHR5	6158541	CHR5:6158541	SSF x Far_LoA	-5,77267475	0,157	0,299
CHR5	6158608	CHR5:6158608	SSF x Far_LoA	-8,90801438	-0,064	0,302
CHR5	6164531	CHR5:6164531	SSF x Far_LoA	-8,38279305	-0,054	0,304
CHR5	6164572	CHR5:6164572	SSF x Far_LoA	-9,24962269	-0,112	0,307
CHR5	6164636	CHR5:6164636	SSF x Far_LoA	-9,37660499	0,039	0,309
CHR5	6170076	CHR5:6170076	SSF x Far_LoA	-11,40231	0,026	0,300
CHR5	6170253	CHR5:6170253	SSF x Far_LoA	-7,63125096	-0,133	0,294
CHR5	6187339	CHR5:6187339	SSF x Far_LoA	-10,0392591	0,034	0,293
CHR5	6204387	CHR5:6204387	SSF x Far_LoA	-9,27044492	0,052	0,314
CHR5	6208320	CHR5:6208320	SSF x Far_LoA	-8,84255643	-0,082	0,294
CHR5	6222253	CHR5:6222253	SSF x Far_LoA	-9,63934931	-0,007	0,300
CHR5	6240983	CHR5:6240983	SSF x Far_LoA	-8,25879016	0,089	0,309
CHR5	6243751	CHR5:6243751	SSF x Far_LoA	-7,12785513	0,071	0,294
CHR5	6243951	CHR5:6243951	SSF x Far_LoA	-9,33049274	-0,051	0,304
CHR5	6248586	CHR5:6248586	SSF x Far_LoA	-10,9466891	-0,068	0,321
CHR5	6258423	CHR5:6258423	SSF x Far_LoA	-7,2755656	0,044	0,311
CHR5	6258630	CHR5:6258630	SSF x Far_LoA	-9,1726189	0,055	0,318
CHR5	6258723	CHR5:6258723	SSF x Far_LoA	-7,78256967	-0,085	0,303
CHR5	627235	CHR5:627235	SSF x Far_LoA	-11,0625938	0,034	0,302

CHR5	627325	CHR5:627325	SSF x Far_LoA	-6,03268784	0,024	0,307
CHR5	6278774	CHR5:6278774	SSF x Far_LoA	-10,9899805	0,020	0,301
CHR5	6278916	CHR5:6278916	SSF x Far_LoA	-8,23139391	0,073	0,298
CHR5	6279027	CHR5:6279027	SSF x Far_LoA	-8,77054576	-0,065	0,304
CHR5	6285518	CHR5:6285518	SSF x Far_LoA	-10,8817556	0,018	0,296
CHR5	6285735	CHR5:6285735	SSF x Far_LoA	-8,67418429	0,030	0,316
CHR5	6285755	CHR5:6285755	SSF x Far_LoA	-9,20714422	-0,027	0,296
CHR5	6287344	CHR5:6287344	SSF x Far_LoA	-6,75831143	-0,136	0,307
CHR5	6287357	CHR5:6287357	SSF x Far_LoA	-0,99318782	-0,123	0,310
CHR5	6287365	CHR5:6287365	SSF x Far_LoA	-11,3139939	0,117	0,285
CHR5	6287366	CHR5:6287366	SSF x Far_LoA	-10,387438	0,102	0,298
CHR5	6289423	CHR5:6289423	SSF x Far_LoA	-10,943411	0,105	0,290
CHR5	6289490	CHR5:6289490	SSF x Far_LoA	-10,8814643	0,041	0,293
CHR5	6289647	CHR5:6289647	SSF x Far_LoA	-10,474201	0,038	0,299
CHR5	6296330	CHR5:6296330	SSF x Far_LoA	-11,4198793	0,014	0,306
CHR5	6301030	CHR5:6301030	SSF x Far_LoA	-9,01683216	-0,030	0,306
CHR5	6301039	CHR5:6301039	SSF x Far_LoA	-8,93146816	-0,029	0,306
CHR5	6301071	CHR5:6301071	SSF x Far_LoA	-9,29190782	-0,001	0,303
CHR5	6301104	CHR5:6301104	SSF x Far_LoA	-9,90080825	0,017	0,310
CHR5	6304996	CHR5:6304996	SSF x Far_LoA	-11,6384383	-0,033	0,303
CHR5	6305087	CHR5:6305087	SSF x Far_LoA	-7,65361934	-0,131	0,289
CHR5	6305096	CHR5:6305096	SSF x Far_LoA	-5,97497542	-0,131	0,297
CHR5	6311090	CHR5:6311090	SSF x Far_LoA	-10,2850579	0,074	0,295
CHR5	6321139	CHR5:6321139	SSF x Far_LoA	-11,0933013	-0,024	0,316
CHR5	632488	CHR5:632488	SSF x Far_LoA	-9,63624036	0,009	0,315
CHR5	632529	CHR5:632529	SSF x Far_LoA	-11,5160966	0,050	0,301
CHR5	6331602	CHR5:6331602	SSF x Far_LoA	-9,70808743	-0,074	0,314
CHR5	6352367	CHR5:6352367	SSF x Far_LoA	-9,74541051	-0,080	0,297
CHR5	6356959	CHR5:6356959	SSF x Far_LoA	-7,41049359	-0,050	0,306
CHR5	6356960	CHR5:6356960	SSF x Far_LoA	-11,9902414	0,041	0,302
CHR5	6357031	CHR5:6357031	SSF x Far_LoA	-8,50002592	-0,003	0,325
CHR5	6358990	CHR5:6358990	SSF x Far_LoA	-8,991148	0,106	0,298
CHR5	6359206	CHR5:6359206	SSF x Far_LoA	-8,75849001	-0,030	0,318
CHR5	6364835	CHR5:6364835	SSF x Far_LoA	-10,3473739	0,017	0,305
CHR5	6364910	CHR5:6364910	SSF x Far_LoA	-9,78639929	-0,052	0,315
CHR5	636565	CHR5:636565	SSF x Far_LoA	-9,87760076	-0,008	0,323
CHR5	6387297	CHR5:6387297	SSF x Far_LoA	-9,99267553	0,038	0,298
CHR5	6389770	CHR5:6389770	SSF x Far_LoA	-11,2737242	-0,050	0,308
CHR5	6406896	CHR5:6406896	SSF x Far_LoA	-9,45061906	0,133	0,289
CHR5	6407721	CHR5:6407721	SSF x Far_LoA	-8,87748395	0,110	0,309
CHR5	6411526	CHR5:6411526	SSF x Far_LoA	-7,94187634	-0,066	0,307
CHR5	6411666	CHR5:6411666	SSF x Far_LoA	-9,96613241	-0,041	0,287
CHR5	6413283	CHR5:6413283	SSF x Far_LoA	-10,9860081	0,021	0,313
CHR5	64155	CHR5:64155	SSF x Far_LoA	-8,11740108	-0,107	0,304
CHR5	64179	CHR5:64179	SSF x Far_LoA	-10,7036246	0,041	0,306
CHR5	6419468	CHR5:6419468	SSF x Far_LoA	-8,13200649	0,014	0,303
CHR5	6421293	CHR5:6421293	SSF x Far_LoA	-10,1916173	0,064	0,316
CHR5	6422573	CHR5:6422573	SSF x Far_LoA	-9,41213512	0,019	0,300
CHR5	6422615	CHR5:6422615	SSF x Far_LoA	-7,43172204	-0,099	0,309
CHR5	6422625	CHR5:6422625	SSF x Far_LoA	-10,8207113	0,055	0,315
CHR5	6424405	CHR5:6424405	SSF x Far_LoA	-8,47107933	-0,073	0,281
CHR5	6424431	CHR5:6424431	SSF x Far_LoA	-10,0191852	0,009	0,305
CHR5	6424504	CHR5:6424504	SSF x Far_LoA	-9,04771713	-0,092	0,294

CHR5	64295	CHR5:64295	SSF x Far_LoA	-6,79500836	-0,086	0,298
CHR5	6431927	CHR5:6431927	SSF x Far_LoA	-10,5623565	-0,073	0,304
CHR5	6431944	CHR5:6431944	SSF x Far_LoA	-7,52755881	-0,063	0,311
CHR5	6432370	CHR5:6432370	SSF x Far_LoA	-7,93057295	-0,115	0,303
CHR5	6432376	CHR5:6432376	SSF x Far_LoA	-10,4340419	-0,015	0,303
CHR5	6432378	CHR5:6432378	SSF x Far_LoA	-10,1296292	0,174	0,287
CHR5	64327	CHR5:64327	SSF x Far_LoA	-8,94119723	-0,089	0,315
CHR5	6438485	CHR5:6438485	SSF x Far_LoA	-7,69453568	-0,009	0,318
CHR5	6438564	CHR5:6438564	SSF x Far_LoA	-9,63805116	-0,063	0,304
CHR5	6448157	CHR5:6448157	SSF x Far_LoA	-11,0995559	0,014	0,304
CHR5	6448255	CHR5:6448255	SSF x Far_LoA	-7,19046358	0,102	0,303
CHR5	6448312	CHR5:6448312	SSF x Far_LoA	-9,31723242	0,011	0,288
CHR5	6458495	CHR5:6458495	SSF x Far_LoA	-8,53651532	0,127	0,308
CHR5	6458593	CHR5:6458593	SSF x Far_LoA	-9,64436647	0,055	0,317
CHR5	6458656	CHR5:6458656	SSF x Far_LoA	-4,4993864	-0,137	0,307
CHR5	6458731	CHR5:6458731	SSF x Far_LoA	-10,3121588	0,021	0,309
CHR5	6460935	CHR5:6460935	SSF x Far_LoA	-8,79903895	0,139	0,309
CHR5	6461113	CHR5:6461113	SSF x Far_LoA	-7,37425644	0,100	0,304
CHR5	6461116	CHR5:6461116	SSF x Far_LoA	-3,29851526	0,084	0,317
CHR5	6463067	CHR5:6463067	SSF x Far_LoA	7,49900324	0,172	0,285
CHR5	6464217	CHR5:6464217	SSF x Far_LoA	-10,8173368	0,090	0,286
CHR5	6465994	CHR5:6465994	SSF x Far_LoA	-9,69066029	0,022	0,311
CHR5	6465997	CHR5:6465997	SSF x Far_LoA	-10,5353715	0,041	0,310
CHR5	6466010	CHR5:6466010	SSF x Far_LoA	-10,548785	0,033	0,311
CHR5	6469633	CHR5:6469633	SSF x Far_LoA	-8,9454638	0,019	0,300
CHR5	6469656	CHR5:6469656	SSF x Far_LoA	-9,15215021	0,065	0,302
CHR5	6469711	CHR5:6469711	SSF x Far_LoA	-5,36807037	0,051	0,311
CHR5	6469737	CHR5:6469737	SSF x Far_LoA	-8,15230216	0,102	0,315
CHR5	647204	CHR5:647204	SSF x Far_LoA	-9,12360408	-0,059	0,298
CHR5	6484540	CHR5:6484540	SSF x Far_LoA	-10,6787528	0,024	0,313
CHR5	6484541	CHR5:6484541	SSF x Far_LoA	-7,43262667	-0,148	0,308
CHR5	6491950	CHR5:6491950	SSF x Far_LoA	-8,68330192	-0,047	0,310
CHR5	6491960	CHR5:6491960	SSF x Far_LoA	-8,54234989	0,066	0,306
CHR5	6492141	CHR5:6492141	SSF x Far_LoA	-8,15200644	-0,084	0,297
CHR5	6494301	CHR5:6494301	SSF x Far_LoA	-8,75644943	-0,173	0,308
CHR5	6496212	CHR5:6496212	SSF x Far_LoA	-4,43577355	-0,085	0,317
CHR5	6498660	CHR5:6498660	SSF x Far_LoA	-10,1206981	-0,047	0,332
CHR5	6498680	CHR5:6498680	SSF x Far_LoA	-11,3384657	-0,064	0,309
CHR5	6498813	CHR5:6498813	SSF x Far_LoA	-9,91864099	-0,082	0,309
CHR5	6508314	CHR5:6508314	SSF x Far_LoA	-11,6960093	-0,045	0,294
CHR5	6508388	CHR5:6508388	SSF x Far_LoA	-6,93111963	0,161	0,302
CHR5	6508521	CHR5:6508521	SSF x Far_LoA	-9,78301359	-0,026	0,315
CHR5	6512701	CHR5:6512701	SSF x Far_LoA	-8,58428037	-0,126	0,310
CHR5	6512806	CHR5:6512806	SSF x Far_LoA	-6,57090955	0,167	0,297
CHR5	6512872	CHR5:6512872	SSF x Far_LoA	-11,8544902	-0,059	0,297
CHR5	6512928	CHR5:6512928	SSF x Far_LoA	-9,81354515	0,033	0,306
CHR5	6517831	CHR5:6517831	SSF x Far_LoA	-10,0156635	-0,059	0,305
CHR5	6517910	CHR5:6517910	SSF x Far_LoA	-11,5197033	0,068	0,311
CHR5	6526770	CHR5:6526770	SSF x Far_LoA	-6,16279477	0,111	0,310
CHR5	6526825	CHR5:6526825	SSF x Far_LoA	-7,53552199	0,146	0,294
CHR5	6526947	CHR5:6526947	SSF x Far_LoA	-10,2562471	0,063	0,316
CHR5	6528423	CHR5:6528423	SSF x Far_LoA	-6,52122621	0,095	0,303
CHR5	6532374	CHR5:6532374	SSF x Far_LoA	-10,8537514	0,066	0,298

CHR5	6532461	CHR5:6532461	SSF x Far_LoA	-11,6480748	0,029	0,305
CHR5	6532523	CHR5:6532523	SSF x Far_LoA	-8,75019017	-0,045	0,310
CHR5	6533802	CHR5:6533802	SSF x Far_LoA	-10,3955788	0,001	0,313
CHR5	6533805	CHR5:6533805	SSF x Far_LoA	-9,07497378	0,051	0,310
CHR5	6548032	CHR5:6548032	SSF x Far_LoA	-8,689147	-0,083	0,305
CHR5	6556713	CHR5:6556713	SSF x Far_LoA	-8,55192793	0,090	0,318
CHR5	6559841	CHR5:6559841	SSF x Far_LoA	-7,87330668	-0,039	0,303
CHR5	6564056	CHR5:6564056	SSF x Far_LoA	-8,65731592	-0,057	0,302
CHR5	6564060	CHR5:6564060	SSF x Far_LoA	-8,04633109	0,066	0,316
CHR5	6564081	CHR5:6564081	SSF x Far_LoA	-9,8429866	0,025	0,315
CHR5	6565797	CHR5:6565797	SSF x Far_LoA	-11,3375269	0,049	0,317
CHR5	6565812	CHR5:6565812	SSF x Far_LoA	-9,52206975	0,044	0,313
CHR5	6600227	CHR5:6600227	SSF x Far_LoA	-10,2678644	0,051	0,293
CHR5	6602702	CHR5:6602702	SSF x Far_LoA	-9,85032762	0,103	0,312
CHR5	6608546	CHR5:6608546	SSF x Far_LoA	-4,75595674	0,076	0,298
CHR5	6651567	CHR5:6651567	SSF x Far_LoA	-9,71483503	0,037	0,321
CHR5	6656591	CHR5:6656591	SSF x Far_LoA	-11,5189801	0,002	0,300
CHR5	6718679	CHR5:6718679	SSF x Far_LoA	-8,1365235	-0,020	0,303
CHR5	6746466	CHR5:6746466	SSF x Far_LoA	-11,2769183	-0,001	0,326
CHR5	6778282	CHR5:6778282	SSF x Far_LoA	-10,8810265	-0,088	0,301
CHR5	6799642	CHR5:6799642	SSF x Far_LoA	-9,80195035	-0,024	0,297
CHR5	6799751	CHR5:6799751	SSF x Far_LoA	-9,26702748	0,041	0,305
CHR5	6799924	CHR5:6799924	SSF x Far_LoA	-9,40906793	-0,017	0,316
CHR5	6802169	CHR5:6802169	SSF x Far_LoA	-9,99681687	0,120	0,311
CHR5	6802214	CHR5:6802214	SSF x Far_LoA	-9,04896191	0,007	0,311
CHR5	6804500	CHR5:6804500	SSF x Far_LoA	-10,5749685	0,034	0,291
CHR5	6806186	CHR5:6806186	SSF x Far_LoA	-8,68024164	-0,025	0,308
CHR5	6808372	CHR5:6808372	SSF x Far_LoA	-10,6929966	-0,037	0,314
CHR5	6843742	CHR5:6843742	SSF x Far_LoA	-9,13553032	-0,029	0,297
CHR5	6845168	CHR5:6845168	SSF x Far_LoA	-8,88945646	-0,033	0,315
CHR5	6847966	CHR5:6847966	SSF x Far_LoA	-8,08347949	0,093	0,315
CHR5	6850934	CHR5:6850934	SSF x Far_LoA	-4,75917204	-0,146	0,313
CHR5	6854866	CHR5:6854866	SSF x Far_LoA	-10,409674	0,014	0,306
CHR5	6855101	CHR5:6855101	SSF x Far_LoA	-10,5618807	-0,074	0,299
CHR5	68695	CHR5:68695	SSF x Far_LoA	-11,5987803	-0,011	0,303
CHR5	688399	CHR5:688399	SSF x Far_LoA	-8,41799451	0,166	0,292
CHR5	6915987	CHR5:6915987	SSF x Far_LoA	-6,84704055	0,035	0,316
CHR5	6922977	CHR5:6922977	SSF x Far_LoA	-8,28901768	0,119	0,297
CHR5	692346	CHR5:692346	SSF x Far_LoA	-10,1226013	-0,044	0,313
CHR5	692356	CHR5:692356	SSF x Far_LoA	-7,81574731	-0,139	0,293
CHR5	692360	CHR5:692360	SSF x Far_LoA	-2,86671245	-0,160	0,301
CHR5	694558	CHR5:694558	SSF x Far_LoA	-9,55078371	-0,093	0,312
CHR5	694574	CHR5:694574	SSF x Far_LoA	-11,3491828	-0,072	0,303
CHR5	695689	CHR5:695689	SSF x Far_LoA	-3,37983444	0,273	0,305
CHR5	695697	CHR5:695697	SSF x Far_LoA	-6,29501662	0,073	0,303
CHR5	6960470	CHR5:6960470	SSF x Far_LoA	-6,33093847	-0,092	0,320
CHR5	6975097	CHR5:6975097	SSF x Far_LoA	-8,95002988	0,015	0,305
CHR5	6982010	CHR5:6982010	SSF x Far_LoA	-8,38528335	0,096	0,304
CHR5	7006041	CHR5:7006041	SSF x Far_LoA	-9,06753823	0,089	0,308
CHR5	7011328	CHR5:7011328	SSF x Far_LoA	-8,01870675	-0,126	0,292
CHR5	7016551	CHR5:7016551	SSF x Far_LoA	-10,91698	-0,060	0,299
CHR5	7016639	CHR5:7016639	SSF x Far_LoA	-11,6898761	-0,064	0,300
CHR5	7041619	CHR5:7041619	SSF x Far_LoA	-9,56398198	0,007	0,310

CHR5	705142	CHR5:705142	SSF x Far_LoA	-8,5777292	-0,019	0,318
CHR5	705209	CHR5:705209	SSF x Far_LoA	-9,06722269	-0,055	0,308
CHR5	705363	CHR5:705363	SSF x Far_LoA	-9,68580001	-0,040	0,292
CHR5	705367	CHR5:705367	SSF x Far_LoA	-11,2431232	-0,007	0,293
CHR5	7074457	CHR5:7074457	SSF x Far_LoA	-10,6884182	-0,021	0,309
CHR5	7074665	CHR5:7074665	SSF x Far_LoA	-7,24529845	-0,169	0,300
CHR5	7074666	CHR5:7074666	SSF x Far_LoA	-5,98100347	-0,147	0,304
CHR5	7078151	CHR5:7078151	SSF x Far_LoA	-7,95072737	-0,098	0,309
CHR5	7083261	CHR5:7083261	SSF x Far_LoA	-8,87078982	-0,002	0,315
CHR5	7083262	CHR5:7083262	SSF x Far_LoA	-4,54358562	0,027	0,303
CHR5	7083293	CHR5:7083293	SSF x Far_LoA	-10,6578465	-0,028	0,311
CHR5	7083294	CHR5:7083294	SSF x Far_LoA	-11,2553898	-0,006	0,304
CHR5	7083298	CHR5:7083298	SSF x Far_LoA	-11,4157236	0,031	0,313
CHR5	7083303	CHR5:7083303	SSF x Far_LoA	-9,16256509	-0,041	0,308
CHR5	7083381	CHR5:7083381	SSF x Far_LoA	-6,82019444	0,116	0,300
CHR5	708483	CHR5:708483	SSF x Far_LoA	-8,76690166	-0,042	0,307
CHR5	708630	CHR5:708630	SSF x Far_LoA	-9,22399059	-0,003	0,314
CHR5	708636	CHR5:708636	SSF x Far_LoA	1,16137075	-0,139	0,314
CHR5	7092212	CHR5:7092212	SSF x Far_LoA	-6,85534547	0,144	0,299
CHR5	7092790	CHR5:7092790	SSF x Far_LoA	-9,15719962	-0,020	0,300
CHR5	7092903	CHR5:7092903	SSF x Far_LoA	-9,59795825	0,066	0,304
CHR5	7101458	CHR5:7101458	SSF x Far_LoA	-7,87538096	-0,070	0,323
CHR5	7107560	CHR5:7107560	SSF x Far_LoA	-9,42418609	0,025	0,312
CHR5	7107617	CHR5:7107617	SSF x Far_LoA	-11,0329791	0,024	0,296
CHR5	7107728	CHR5:7107728	SSF x Far_LoA	-11,1797063	0,038	0,304
CHR5	7113797	CHR5:7113797	SSF x Far_LoA	-10,0497889	0,064	0,297
CHR5	7113897	CHR5:7113897	SSF x Far_LoA	-8,95260758	0,056	0,305
CHR5	7114122	CHR5:7114122	SSF x Far_LoA	-7,62990968	0,023	0,317
CHR5	7119461	CHR5:7119461	SSF x Far_LoA	-8,2874164	0,048	0,315
CHR5	7119462	CHR5:7119462	SSF x Far_LoA	-9,48164949	0,070	0,295
CHR5	7119521	CHR5:7119521	SSF x Far_LoA	-8,17253473	-0,079	0,318
CHR5	7119561	CHR5:7119561	SSF x Far_LoA	-8,0295047	-0,117	0,287
CHR5	713405	CHR5:713405	SSF x Far_LoA	-9,43006687	0,036	0,306
CHR5	7141482	CHR5:7141482	SSF x Far_LoA	-8,19354164	0,106	0,315
CHR5	7141537	CHR5:7141537	SSF x Far_LoA	-11,5340954	-0,007	0,306
CHR5	7141545	CHR5:7141545	SSF x Far_LoA	-9,87844347	0,037	0,296
CHR5	716742	CHR5:716742	SSF x Far_LoA	-7,33394711	0,118	0,313
CHR5	716744	CHR5:716744	SSF x Far_LoA	-7,55499517	0,093	0,311
CHR5	716775	CHR5:716775	SSF x Far_LoA	-11,9929339	0,038	0,298
CHR5	716828	CHR5:716828	SSF x Far_LoA	-11,1150391	0,049	0,303
CHR5	716837	CHR5:716837	SSF x Far_LoA	-8,06617591	-0,059	0,305
CHR5	7170329	CHR5:7170329	SSF x Far_LoA	-10,4256163	-0,057	0,311
CHR5	7170358	CHR5:7170358	SSF x Far_LoA	-8,31553385	-0,108	0,312
CHR5	7170394	CHR5:7170394	SSF x Far_LoA	-10,5158319	-0,004	0,329
CHR5	7170442	CHR5:7170442	SSF x Far_LoA	-7,7722139	-0,119	0,308
CHR5	7186012	CHR5:7186012	SSF x Far_LoA	-10,365167	0,083	0,304
CHR5	7186029	CHR5:7186029	SSF x Far_LoA	-11,919347	0,003	0,307
CHR5	7192602	CHR5:7192602	SSF x Far_LoA	-7,68334971	-0,020	0,323
CHR5	7193896	CHR5:7193896	SSF x Far_LoA	-6,59835771	0,121	0,292
CHR5	7193957	CHR5:7193957	SSF x Far_LoA	-9,62862189	0,005	0,302
CHR5	7198468	CHR5:7198468	SSF x Far_LoA	-9,03388275	0,110	0,303
CHR5	7198519	CHR5:7198519	SSF x Far_LoA	-9,43586374	0,140	0,288
CHR5	7198528	CHR5:7198528	SSF x Far_LoA	-10,9139758	0,027	0,314

CHR5	7198596	CHR5:7198596	SSF x Far_LoA	-8,65745982	-0,133	0,305
CHR5	7198620	CHR5:7198620	SSF x Far_LoA	-6,71486254	0,102	0,302
CHR5	7198629	CHR5:7198629	SSF x Far_LoA	-8,08045902	0,109	0,307
CHR5	7198651	CHR5:7198651	SSF x Far_LoA	-10,1847191	0,097	0,323
CHR5	7200300	CHR5:7200300	SSF x Far_LoA	-11,4977749	-0,010	0,321
CHR5	7200301	CHR5:7200301	SSF x Far_LoA	-9,66802827	-0,036	0,311
CHR5	7200348	CHR5:7200348	SSF x Far_LoA	-11,355744	0,038	0,309
CHR5	7202133	CHR5:7202133	SSF x Far_LoA	-9,85804422	-0,024	0,315
CHR5	7202140	CHR5:7202140	SSF x Far_LoA	-9,45019448	0,026	0,298
CHR5	7202173	CHR5:7202173	SSF x Far_LoA	-10,8958348	-0,056	0,310
CHR5	7202178	CHR5:7202178	SSF x Far_LoA	-8,92437957	-0,057	0,311
CHR5	7202306	CHR5:7202306	SSF x Far_LoA	-10,0577805	-0,058	0,302
CHR5	7214430	CHR5:7214430	SSF x Far_LoA	-4,59559837	0,135	0,305
CHR5	7216741	CHR5:7216741	SSF x Far_LoA	-8,05814454	0,048	0,309
CHR5	7216748	CHR5:7216748	SSF x Far_LoA	-8,6752884	-0,012	0,313
CHR5	7216750	CHR5:7216750	SSF x Far_LoA	-10,6928541	0,066	0,297
CHR5	7216764	CHR5:7216764	SSF x Far_LoA	-1,8642329	0,025	0,312
CHR5	7216767	CHR5:7216767	SSF x Far_LoA	-9,24769406	0,045	0,295
CHR5	7216777	CHR5:7216777	SSF x Far_LoA	-6,94357792	-0,020	0,305
CHR5	7216778	CHR5:7216778	SSF x Far_LoA	-11,1323118	-0,030	0,313
CHR5	7216823	CHR5:7216823	SSF x Far_LoA	-8,22432729	0,011	0,308
CHR5	7216829	CHR5:7216829	SSF x Far_LoA	-8,30293574	-0,035	0,298
CHR5	7216843	CHR5:7216843	SSF x Far_LoA	-10,4687155	-0,033	0,312
CHR5	7216857	CHR5:7216857	SSF x Far_LoA	-12,0048989	-0,030	0,315
CHR5	7216880	CHR5:7216880	SSF x Far_LoA	-9,61213883	-0,036	0,311
CHR5	7216903	CHR5:7216903	SSF x Far_LoA	-11,2895552	-0,044	0,307
CHR5	7216912	CHR5:7216912	SSF x Far_LoA	-6,79984987	-0,029	0,296
CHR5	7220534	CHR5:7220534	SSF x Far_LoA	-6,87174362	0,148	0,295
CHR5	7220748	CHR5:7220748	SSF x Far_LoA	-8,30218483	0,154	0,288
CHR5	7220800	CHR5:7220800	SSF x Far_LoA	-8,13614127	0,109	0,304
CHR5	7223565	CHR5:7223565	SSF x Far_LoA	-10,241216	-0,111	0,302
CHR5	7223566	CHR5:7223566	SSF x Far_LoA	-9,86051048	0,046	0,288
CHR5	7223650	CHR5:7223650	SSF x Far_LoA	-9,18820351	-0,083	0,303
CHR5	7230924	CHR5:7230924	SSF x Far_LoA	-9,87554804	-0,021	0,300
CHR5	7230944	CHR5:7230944	SSF x Far_LoA	-11,4698825	-0,080	0,300
CHR5	7230955	CHR5:7230955	SSF x Far_LoA	-9,73806806	-0,088	0,311
CHR5	7254653	CHR5:7254653	SSF x Far_LoA	-9,27634946	0,003	0,320
CHR5	7254661	CHR5:7254661	SSF x Far_LoA	-10,5978268	-0,010	0,302
CHR5	7254699	CHR5:7254699	SSF x Far_LoA	-7,33892774	0,026	0,326
CHR5	7254801	CHR5:7254801	SSF x Far_LoA	-9,96381893	-0,056	0,307
CHR5	7254807	CHR5:7254807	SSF x Far_LoA	-11,5357775	-0,013	0,314
CHR5	7254821	CHR5:7254821	SSF x Far_LoA	-10,7037282	-0,022	0,299
CHR5	7254850	CHR5:7254850	SSF x Far_LoA	-6,94762003	0,060	0,306
CHR5	7256839	CHR5:7256839	SSF x Far_LoA	-8,32959913	0,181	0,295
CHR5	7256860	CHR5:7256860	SSF x Far_LoA	-9,46111228	0,152	0,299
CHR5	7256917	CHR5:7256917	SSF x Far_LoA	-9,8464725	-0,051	0,296
CHR5	7263892	CHR5:7263892	SSF x Far_LoA	-7,85083636	-0,045	0,319
CHR5	7282212	CHR5:7282212	SSF x Far_LoA	-9,31888663	-0,034	0,315
CHR5	7291745	CHR5:7291745	SSF x Far_LoA	-7,98992436	-0,142	0,298
CHR5	7292075	CHR5:7292075	SSF x Far_LoA	-0,24516579	0,117	0,303
CHR5	7292139	CHR5:7292139	SSF x Far_LoA	-6,80991872	0,073	0,308
CHR5	7294573	CHR5:7294573	SSF x Far_LoA	-9,48888915	0,068	0,324
CHR5	7294584	CHR5:7294584	SSF x Far_LoA	-8,47066097	0,121	0,310

CHR5	7300208	CHR5:7300208	SSF x Far_LoA	-9,84245453	0,052	0,315
CHR5	7305276	CHR5:7305276	SSF x Far_LoA	-6,85917432	0,061	0,309
CHR5	7305287	CHR5:7305287	SSF x Far_LoA	-11,1433687	-0,010	0,315
CHR5	7305327	CHR5:7305327	SSF x Far_LoA	-9,44003977	-0,041	0,302
CHR5	7305351	CHR5:7305351	SSF x Far_LoA	-7,15201442	-0,004	0,306
CHR5	7306646	CHR5:7306646	SSF x Far_LoA	-10,1598854	-0,097	0,312
CHR5	7306652	CHR5:7306652	SSF x Far_LoA	-9,32835803	-0,023	0,309
CHR5	7312948	CHR5:7312948	SSF x Far_LoA	-10,2065937	0,165	0,307
CHR5	7312949	CHR5:7312949	SSF x Far_LoA	-10,0574184	0,022	0,307
CHR5	7312980	CHR5:7312980	SSF x Far_LoA	-7,86729226	-0,036	0,319
CHR5	7347206	CHR5:7347206	SSF x Far_LoA	-9,97506242	-0,031	0,301
CHR5	7349294	CHR5:7349294	SSF x Far_LoA	-7,37206849	-0,020	0,310
CHR5	7349296	CHR5:7349296	SSF x Far_LoA	-8,03181141	-0,026	0,307
CHR5	7353450	CHR5:7353450	SSF x Far_LoA	-11,229995	-0,089	0,296
CHR5	7356435	CHR5:7356435	SSF x Far_LoA	-10,9087126	0,046	0,305
CHR5	7359434	CHR5:7359434	SSF x Far_LoA	-9,4643025	0,000	0,312
CHR5	7359437	CHR5:7359437	SSF x Far_LoA	-7,72972424	-0,045	0,316
CHR5	7359444	CHR5:7359444	SSF x Far_LoA	-9,30361657	-0,068	0,308
CHR5	7359527	CHR5:7359527	SSF x Far_LoA	-5,09398798	0,124	0,302
CHR5	7359664	CHR5:7359664	SSF x Far_LoA	-4,34313166	-0,154	0,315
CHR5	7359683	CHR5:7359683	SSF x Far_LoA	-8,74463143	0,001	0,308
CHR5	7359696	CHR5:7359696	SSF x Far_LoA	-8,18063221	0,005	0,317
CHR5	7360494	CHR5:7360494	SSF x Far_LoA	-10,2429787	0,073	0,305
CHR5	7360575	CHR5:7360575	SSF x Far_LoA	-2,54315273	0,065	0,328
CHR5	7360755	CHR5:7360755	SSF x Far_LoA	-9,3230931	-0,040	0,315
CHR5	7360759	CHR5:7360759	SSF x Far_LoA	-11,6690502	0,033	0,296
CHR5	7382021	CHR5:7382021	SSF x Far_LoA	-9,68301376	-0,014	0,306
CHR5	7383822	CHR5:7383822	SSF x Far_LoA	-5,8621811	-0,095	0,289
CHR5	7384033	CHR5:7384033	SSF x Far_LoA	-4,90750865	0,158	0,298
CHR5	738624	CHR5:738624	SSF x Far_LoA	-9,02644464	-0,043	0,310
CHR5	738630	CHR5:738630	SSF x Far_LoA	-4,40828246	0,049	0,309
CHR5	7386674	CHR5:7386674	SSF x Far_LoA	-9,20519011	0,024	0,316
CHR5	7386771	CHR5:7386771	SSF x Far_LoA	-8,8911805	0,087	0,308
CHR5	7398896	CHR5:7398896	SSF x Far_LoA	-11,2425719	-0,011	0,308
CHR5	7403107	CHR5:7403107	SSF x Far_LoA	-8,46615806	-0,115	0,300
CHR5	7403134	CHR5:7403134	SSF x Far_LoA	-4,47718316	-0,121	0,316
CHR5	7403156	CHR5:7403156	SSF x Far_LoA	-9,29413651	-0,092	0,318
CHR5	7403159	CHR5:7403159	SSF x Far_LoA	-8,76852061	-0,102	0,316
CHR5	7403163	CHR5:7403163	SSF x Far_LoA	-9,04497866	-0,132	0,303
CHR5	7403220	CHR5:7403220	SSF x Far_LoA	-8,53057485	-0,096	0,299
CHR5	7403254	CHR5:7403254	SSF x Far_LoA	-11,1265793	-0,055	0,299
CHR5	7408122	CHR5:7408122	SSF x Far_LoA	-5,09043703	0,210	0,288
CHR5	7408152	CHR5:7408152	SSF x Far_LoA	-9,87617197	0,116	0,297
CHR5	7408340	CHR5:7408340	SSF x Far_LoA	-11,0691638	-0,044	0,299
CHR5	7414669	CHR5:7414669	SSF x Far_LoA	-10,617262	0,127	0,308
CHR5	7422497	CHR5:7422497	SSF x Far_LoA	-10,5096675	-0,070	0,307
CHR5	7434203	CHR5:7434203	SSF x Far_LoA	-10,282598	-0,128	0,308
CHR5	7434224	CHR5:7434224	SSF x Far_LoA	-9,65789954	0,008	0,312
CHR5	7434309	CHR5:7434309	SSF x Far_LoA	-10,410846	0,077	0,291
CHR5	7434365	CHR5:7434365	SSF x Far_LoA	-11,6675499	-0,012	0,300
CHR5	7434375	CHR5:7434375	SSF x Far_LoA	-8,46722761	-0,048	0,304
CHR5	7434387	CHR5:7434387	SSF x Far_LoA	-6,85937471	0,148	0,297
CHR5	7434457	CHR5:7434457	SSF x Far_LoA	-11,740032	-0,037	0,316

CHR5	7434460	CHR5:7434460	SSF x Far_LoA	-9,76267387	-0,102	0,300
CHR5	7434496	CHR5:7434496	SSF x Far_LoA	-10,8058121	0,120	0,297
CHR5	7440475	CHR5:7440475	SSF x Far_LoA	-10,692637	0,004	0,298
CHR5	7440544	CHR5:7440544	SSF x Far_LoA	-10,1802978	-0,061	0,299
CHR5	7455085	CHR5:7455085	SSF x Far_LoA	-7,39072809	0,084	0,314
CHR5	7455182	CHR5:7455182	SSF x Far_LoA	-10,6175731	0,154	0,291
CHR5	7455407	CHR5:7455407	SSF x Far_LoA	-4,82311854	-0,096	0,295
CHR5	7455413	CHR5:7455413	SSF x Far_LoA	-7,7800312	-0,098	0,296
CHR5	7455434	CHR5:7455434	SSF x Far_LoA	-7,73028878	0,092	0,295
CHR5	7455435	CHR5:7455435	SSF x Far_LoA	-10,0860268	0,073	0,295
CHR5	7455447	CHR5:7455447	SSF x Far_LoA	-8,424548	0,055	0,306
CHR5	7463298	CHR5:7463298	SSF x Far_LoA	-9,05367942	-0,021	0,302
CHR5	7463323	CHR5:7463323	SSF x Far_LoA	-9,78020132	-0,044	0,297
CHR5	7463325	CHR5:7463325	SSF x Far_LoA	-9,26511267	-0,032	0,292
CHR5	7463352	CHR5:7463352	SSF x Far_LoA	-4,85418616	0,157	0,304
CHR5	7476991	CHR5:7476991	SSF x Far_LoA	-11,3612771	-0,063	0,303
CHR5	7477061	CHR5:7477061	SSF x Far_LoA	-11,4575335	0,034	0,314
CHR5	7480816	CHR5:7480816	SSF x Far_LoA	-8,59009837	0,028	0,313
CHR5	7480819	CHR5:7480819	SSF x Far_LoA	-11,6831126	0,038	0,305
CHR5	7480847	CHR5:7480847	SSF x Far_LoA	-6,47206851	0,185	0,299
CHR5	7480857	CHR5:7480857	SSF x Far_LoA	-10,8801207	-0,125	0,292
CHR5	7480863	CHR5:7480863	SSF x Far_LoA	-9,13141699	-0,156	0,297
CHR5	7480870	CHR5:7480870	SSF x Far_LoA	-10,1397089	0,019	0,316
CHR5	7480873	CHR5:7480873	SSF x Far_LoA	-8,87702295	-0,058	0,324
CHR5	7480909	CHR5:7480909	SSF x Far_LoA	-10,0865081	0,031	0,304
CHR5	7480922	CHR5:7480922	SSF x Far_LoA	-1,7345603	0,163	0,310
CHR5	7480976	CHR5:7480976	SSF x Far_LoA	-9,76643161	-0,007	0,301
CHR5	748450	CHR5:748450	SSF x Far_LoA	-7,2939497	-0,105	0,301
CHR5	7493745	CHR5:7493745	SSF x Far_LoA	-7,73768121	-0,105	0,304
CHR5	7493750	CHR5:7493750	SSF x Far_LoA	-6,17925518	-0,090	0,311
CHR5	7493754	CHR5:7493754	SSF x Far_LoA	-7,08827767	-0,116	0,319
CHR5	7493777	CHR5:7493777	SSF x Far_LoA	-9,57822732	-0,080	0,309
CHR5	7493822	CHR5:7493822	SSF x Far_LoA	-10,6232568	-0,030	0,305
CHR5	7493823	CHR5:7493823	SSF x Far_LoA	-9,24444944	0,048	0,320
CHR5	7504941	CHR5:7504941	SSF x Far_LoA	-8,04199288	-0,123	0,307
CHR5	7509367	CHR5:7509367	SSF x Far_LoA	-9,37283953	-0,131	0,293
CHR5	7509403	CHR5:7509403	SSF x Far_LoA	-9,42907773	-0,113	0,312
CHR5	7513542	CHR5:7513542	SSF x Far_LoA	-7,1312923	-0,023	0,314
CHR5	7524235	CHR5:7524235	SSF x Far_LoA	-8,90421742	0,012	0,326
CHR5	7525205	CHR5:7525205	SSF x Far_LoA	-6,1068969	0,011	0,310
CHR5	7529450	CHR5:7529450	SSF x Far_LoA	-10,9555888	0,066	0,303
CHR5	7529479	CHR5:7529479	SSF x Far_LoA	-11,1719405	-0,010	0,314
CHR5	7552579	CHR5:7552579	SSF x Far_LoA	-9,73805891	-0,085	0,307
CHR5	7560341	CHR5:7560341	SSF x Far_LoA	-9,06324218	0,038	0,311
CHR5	7560378	CHR5:7560378	SSF x Far_LoA	-10,2908925	0,040	0,320
CHR5	7560383	CHR5:7560383	SSF x Far_LoA	-11,2843979	-0,012	0,317
CHR5	7560436	CHR5:7560436	SSF x Far_LoA	-11,6594747	-0,025	0,300
CHR5	7560583	CHR5:7560583	SSF x Far_LoA	-10,8787626	-0,101	0,296
CHR5	7593387	CHR5:7593387	SSF x Far_LoA	-10,9188715	0,047	0,299
CHR5	7593518	CHR5:7593518	SSF x Far_LoA	-10,0863167	0,037	0,301
CHR5	7598821	CHR5:7598821	SSF x Far_LoA	-9,77033396	-0,035	0,301
CHR5	7598830	CHR5:7598830	SSF x Far_LoA	-10,5359034	0,033	0,311
CHR5	7598847	CHR5:7598847	SSF x Far_LoA	-10,2596121	0,004	0,295

CHR5	7598873	CHR5:7598873	SSF x Far_LoA	-11,168115	-0,009	0,297
CHR5	7598910	CHR5:7598910	SSF x Far_LoA	-9,57530343	0,009	0,304
CHR5	7598912	CHR5:7598912	SSF x Far_LoA	-8,53664654	-0,012	0,304
CHR5	7599090	CHR5:7599090	SSF x Far_LoA	-8,81455999	0,128	0,301
CHR5	7625127	CHR5:7625127	SSF x Far_LoA	-10,0440841	0,096	0,311
CHR5	7638918	CHR5:7638918	SSF x Far_LoA	-6,33162072	0,138	0,311
CHR5	7652329	CHR5:7652329	SSF x Far_LoA	-10,229136	0,049	0,310
CHR5	7677361	CHR5:7677361	SSF x Far_LoA	-8,97915728	0,098	0,310
CHR5	7705998	CHR5:7705998	SSF x Far_LoA	-9,86402484	-0,005	0,316
CHR5	7706063	CHR5:7706063	SSF x Far_LoA	-10,4606295	0,004	0,309
CHR5	7707906	CHR5:7707906	SSF x Far_LoA	-8,78105843	-0,041	0,319
CHR5	7711378	CHR5:7711378	SSF x Far_LoA	-9,11198494	0,069	0,307
CHR5	7718421	CHR5:7718421	SSF x Far_LoA	-8,39758535	0,100	0,306
CHR5	7718439	CHR5:7718439	SSF x Far_LoA	-11,5168199	-0,046	0,310
CHR5	7718515	CHR5:7718515	SSF x Far_LoA	-10,8049359	-0,062	0,302
CHR5	7718527	CHR5:7718527	SSF x Far_LoA	-10,5649143	-0,035	0,321
CHR5	7757984	CHR5:7757984	SSF x Far_LoA	-11,5951255	-0,015	0,303
CHR5	7757991	CHR5:7757991	SSF x Far_LoA	-9,96338438	0,108	0,305
CHR5	7759488	CHR5:7759488	SSF x Far_LoA	-9,42715624	-0,074	0,314
CHR5	7762990	CHR5:7762990	SSF x Far_LoA	-10,8937863	0,017	0,300
CHR5	7763195	CHR5:7763195	SSF x Far_LoA	-10,5629658	-0,050	0,303
CHR5	7763240	CHR5:7763240	SSF x Far_LoA	-9,32685712	-0,018	0,300
CHR5	7763243	CHR5:7763243	SSF x Far_LoA	-9,95545976	0,072	0,304
CHR5	7769158	CHR5:7769158	SSF x Far_LoA	-9,7429772	-0,040	0,314
CHR5	7769173	CHR5:7769173	SSF x Far_LoA	-8,71056055	-0,004	0,306
CHR5	7769184	CHR5:7769184	SSF x Far_LoA	-8,79204474	-0,067	0,325
CHR5	7769231	CHR5:7769231	SSF x Far_LoA	-10,2352304	-0,032	0,313
CHR5	7769238	CHR5:7769238	SSF x Far_LoA	-2,08472564	-0,174	0,306
CHR5	7769355	CHR5:7769355	SSF x Far_LoA	-8,59740864	-0,128	0,305
CHR5	7770893	CHR5:7770893	SSF x Far_LoA	-11,0751996	0,027	0,302
CHR5	7770906	CHR5:7770906	SSF x Far_LoA	-8,13798103	-0,016	0,321
CHR5	7773725	CHR5:7773725	SSF x Far_LoA	-11,6333598	-0,054	0,308
CHR5	7773806	CHR5:7773806	SSF x Far_LoA	-11,5526244	0,022	0,306
CHR5	7781348	CHR5:7781348	SSF x Far_LoA	-8,20696568	-0,048	0,301
CHR5	7781351	CHR5:7781351	SSF x Far_LoA	-9,85173371	0,054	0,299
CHR5	7781413	CHR5:7781413	SSF x Far_LoA	-9,58691592	-0,020	0,314
CHR5	7781431	CHR5:7781431	SSF x Far_LoA	-6,73435843	0,071	0,313
CHR5	7781490	CHR5:7781490	SSF x Far_LoA	-7,74368142	-0,119	0,303
CHR5	7781538	CHR5:7781538	SSF x Far_LoA	-10,621362	0,001	0,312
CHR5	7781546	CHR5:7781546	SSF x Far_LoA	-10,4907861	-0,003	0,313
CHR5	7784172	CHR5:7784172	SSF x Far_LoA	-10,8705933	0,060	0,299
CHR5	7784202	CHR5:7784202	SSF x Far_LoA	-11,2414069	0,077	0,312
CHR5	7784229	CHR5:7784229	SSF x Far_LoA	-7,94712966	-0,044	0,311
CHR5	7784268	CHR5:7784268	SSF x Far_LoA	-10,0832284	-0,073	0,309
CHR5	7786131	CHR5:7786131	SSF x Far_LoA	-8,6146037	0,159	0,285
CHR5	7786212	CHR5:7786212	SSF x Far_LoA	-8,16436719	0,081	0,298
CHR5	7786270	CHR5:7786270	SSF x Far_LoA	-7,02021763	-0,074	0,313
CHR5	7786277	CHR5:7786277	SSF x Far_LoA	-7,62589823	0,141	0,299
CHR5	7792054	CHR5:7792054	SSF x Far_LoA	-11,0691349	-0,033	0,325
CHR5	779576	CHR5:779576	SSF x Far_LoA	-8,58799067	0,118	0,308
CHR5	7803752	CHR5:7803752	SSF x Far_LoA	-10,5488957	0,048	0,278
CHR5	7803786	CHR5:7803786	SSF x Far_LoA	-11,9039894	-0,015	0,289
CHR5	7803924	CHR5:7803924	SSF x Far_LoA	-10,1674529	0,073	0,308

CHR5	7804017	CHR5:7804017	SSF x Far_LoA	-9,10779014	0,066	0,302
CHR5	7804024	CHR5:7804024	SSF x Far_LoA	-9,7427991	0,019	0,296
CHR5	7804044	CHR5:7804044	SSF x Far_LoA	-9,81072597	-0,055	0,292
CHR5	7808479	CHR5:7808479	SSF x Far_LoA	-9,88907623	-0,124	0,296
CHR5	7808675	CHR5:7808675	SSF x Far_LoA	-8,65874882	-0,041	0,310
CHR5	78168	CHR5:78168	SSF x Far_LoA	-8,25783182	-0,153	0,298
CHR5	782195	CHR5:782195	SSF x Far_LoA	-10,6413483	-0,040	0,296
CHR5	782214	CHR5:782214	SSF x Far_LoA	-4,46957383	0,141	0,306
CHR5	782257	CHR5:782257	SSF x Far_LoA	-9,64607028	0,082	0,316
CHR5	78266	CHR5:78266	SSF x Far_LoA	-8,99655813	-0,044	0,319
CHR5	7827522	CHR5:7827522	SSF x Far_LoA	-9,85208551	0,028	0,308
CHR5	7830146	CHR5:7830146	SSF x Far_LoA	-9,93435032	-0,151	0,307
CHR5	7830148	CHR5:7830148	SSF x Far_LoA	-9,26075863	-0,159	0,301
CHR5	7832537	CHR5:7832537	SSF x Far_LoA	-7,692641	-0,089	0,313
CHR5	7838122	CHR5:7838122	SSF x Far_LoA	-7,40777912	-0,114	0,305
CHR5	7838141	CHR5:7838141	SSF x Far_LoA	-8,57585565	-0,116	0,300
CHR5	78434	CHR5:78434	SSF x Far_LoA	-11,9514438	0,010	0,302
CHR5	7849535	CHR5:7849535	SSF x Far_LoA	-5,96987442	-0,177	0,307
CHR5	78530	CHR5:78530	SSF x Far_LoA	-9,35798614	-0,086	0,316
CHR5	785656	CHR5:785656	SSF x Far_LoA	-11,3022646	0,040	0,309
CHR5	7867727	CHR5:7867727	SSF x Far_LoA	-7,49310124	-0,046	0,308
CHR5	790587	CHR5:790587	SSF x Far_LoA	-11,3836731	0,055	0,304
CHR5	790591	CHR5:790591	SSF x Far_LoA	-9,90749795	0,014	0,310
CHR5	790656	CHR5:790656	SSF x Far_LoA	-8,31707781	-0,091	0,307
CHR5	7911559	CHR5:7911559	SSF x Far_LoA	-9,77570173	0,161	0,305
CHR5	7920808	CHR5:7920808	SSF x Far_LoA	-11,6470682	0,002	0,312
CHR5	7920994	CHR5:7920994	SSF x Far_LoA	-9,17897835	-0,044	0,301
CHR5	7977335	CHR5:7977335	SSF x Far_LoA	-8,64323106	-0,016	0,317
CHR5	7981617	CHR5:7981617	SSF x Far_LoA	-11,0210639	-0,053	0,304
CHR5	801655	CHR5:801655	SSF x Far_LoA	-11,4567817	-0,013	0,316
CHR5	8017370	CHR5:8017370	SSF x Far_LoA	-10,4159275	-0,003	0,302
CHR5	8020511	CHR5:8020511	SSF x Far_LoA	-9,58362013	-0,010	0,324
CHR5	8020721	CHR5:8020721	SSF x Far_LoA	-7,63741236	-0,185	0,300
CHR5	8043542	CHR5:8043542	SSF x Far_LoA	-11,372917	-0,028	0,302
CHR5	8073898	CHR5:8073898	SSF x Far_LoA	-10,0628724	0,003	0,298
CHR5	8073907	CHR5:8073907	SSF x Far_LoA	-2,8307258	0,020	0,316
CHR5	810998	CHR5:810998	SSF x Far_LoA	-6,08007602	0,123	0,309
CHR5	811015	CHR5:811015	SSF x Far_LoA	-11,7922442	-0,003	0,303
CHR5	811064	CHR5:811064	SSF x Far_LoA	-10,6646453	-0,097	0,291
CHR5	818594	CHR5:818594	SSF x Far_LoA	-6,87927559	-0,010	0,295
CHR5	818649	CHR5:818649	SSF x Far_LoA	0,88302914	-0,032	0,314
CHR5	818717	CHR5:818717	SSF x Far_LoA	-5,62792963	-0,070	0,311
CHR5	8192298	CHR5:8192298	SSF x Far_LoA	-5,53198384	0,139	0,306
CHR5	821311	CHR5:821311	SSF x Far_LoA	-12,3984851	0,001	0,294
CHR5	821319	CHR5:821319	SSF x Far_LoA	-12,2399103	-0,080	0,299
CHR5	821347	CHR5:821347	SSF x Far_LoA	-7,90466233	0,087	0,313
CHR5	8220047	CHR5:8220047	SSF x Far_LoA	-12,4497183	-0,016	0,291
CHR5	8237757	CHR5:8237757	SSF x Far_LoA	-9,07099921	-0,096	0,301
CHR5	8237790	CHR5:8237790	SSF x Far_LoA	-10,745056	-0,088	0,299
CHR5	8237850	CHR5:8237850	SSF x Far_LoA	-11,7594459	0,001	0,299
CHR5	8243811	CHR5:8243811	SSF x Far_LoA	-9,17579778	0,098	0,286
CHR5	8243907	CHR5:8243907	SSF x Far_LoA	-8,49784958	-0,049	0,305
CHR5	8253012	CHR5:8253012	SSF x Far_LoA	-8,27496143	-0,076	0,320

CHR5	8253035	CHR5:8253035	SSF x Far_LoA	-7,60918022	-0,098	0,302
CHR5	8253106	CHR5:8253106	SSF x Far_LoA	-8,49122115	-0,019	0,317
CHR5	8259218	CHR5:8259218	SSF x Far_LoA	-8,84627414	0,081	0,303
CHR5	8259242	CHR5:8259242	SSF x Far_LoA	-4,89821749	-0,027	0,310
CHR5	8259323	CHR5:8259323	SSF x Far_LoA	-9,24562816	-0,112	0,294
CHR5	827250	CHR5:827250	SSF x Far_LoA	-8,6452842	-0,154	0,307
CHR5	827253	CHR5:827253	SSF x Far_LoA	-8,39719802	-0,036	0,297
CHR5	8272885	CHR5:8272885	SSF x Far_LoA	-9,40691333	-0,060	0,314
CHR5	8273006	CHR5:8273006	SSF x Far_LoA	-8,84581106	0,080	0,307
CHR5	8274209	CHR5:8274209	SSF x Far_LoA	-7,84838199	0,117	0,306
CHR5	8274316	CHR5:8274316	SSF x Far_LoA	-10,4885401	-0,128	0,298
CHR5	8274346	CHR5:8274346	SSF x Far_LoA	-9,37817838	0,100	0,303
CHR5	8274371	CHR5:8274371	SSF x Far_LoA	-9,80064972	0,006	0,305
CHR5	8274448	CHR5:8274448	SSF x Far_LoA	-5,22740528	-0,205	0,297
CHR5	8274472	CHR5:8274472	SSF x Far_LoA	-7,05384162	-0,160	0,298
CHR5	8286243	CHR5:8286243	SSF x Far_LoA	-7,59775576	0,147	0,293
CHR5	8288667	CHR5:8288667	SSF x Far_LoA	-3,97707564	0,108	0,296
CHR5	8294305	CHR5:8294305	SSF x Far_LoA	-9,75779316	-0,005	0,310
CHR5	8294923	CHR5:8294923	SSF x Far_LoA	-9,43285669	0,079	0,306
CHR5	8300410	CHR5:8300410	SSF x Far_LoA	-3,431919	0,194	0,290
CHR5	8309562	CHR5:8309562	SSF x Far_LoA	-6,04931106	-0,066	0,325
CHR5	8313375	CHR5:8313375	SSF x Far_LoA	-9,01357365	0,098	0,301
CHR5	8313380	CHR5:8313380	SSF x Far_LoA	-2,67813766	-0,101	0,314
CHR5	8313885	CHR5:8313885	SSF x Far_LoA	-9,08007227	0,018	0,309
CHR5	8314964	CHR5:8314964	SSF x Far_LoA	-8,35318848	-0,048	0,306
CHR5	8316726	CHR5:8316726	SSF x Far_LoA	-11,044406	-0,003	0,301
CHR5	8316808	CHR5:8316808	SSF x Far_LoA	-8,32830165	0,052	0,297
CHR5	8326013	CHR5:8326013	SSF x Far_LoA	-8,31790026	0,116	0,299
CHR5	8326068	CHR5:8326068	SSF x Far_LoA	-8,8225335	-0,152	0,310
CHR5	8348459	CHR5:8348459	SSF x Far_LoA	-4,68990157	0,180	0,297
CHR5	8348480	CHR5:8348480	SSF x Far_LoA	-7,77791695	0,159	0,297
CHR5	8348532	CHR5:8348532	SSF x Far_LoA	-8,32538744	-0,131	0,294
CHR5	8348551	CHR5:8348551	SSF x Far_LoA	-6,76638787	0,224	0,287
CHR5	8348592	CHR5:8348592	SSF x Far_LoA	-9,21988999	0,004	0,301
CHR5	8348629	CHR5:8348629	SSF x Far_LoA	-7,67043137	-0,055	0,307
CHR5	836523	CHR5:836523	SSF x Far_LoA	-11,1999863	0,042	0,300
CHR5	836531	CHR5:836531	SSF x Far_LoA	-3,77331947	0,095	0,308
CHR5	836565	CHR5:836565	SSF x Far_LoA	-9,18063088	0,120	0,316
CHR5	836571	CHR5:836571	SSF x Far_LoA	-9,8114881	0,042	0,306
CHR5	836581	CHR5:836581	SSF x Far_LoA	-9,98425004	-0,093	0,302
CHR5	8379469	CHR5:8379469	SSF x Far_LoA	-10,0349235	-0,042	0,312
CHR5	8394546	CHR5:8394546	SSF x Far_LoA	-8,99391766	0,037	0,316
CHR5	8394548	CHR5:8394548	SSF x Far_LoA	-8,39943238	0,209	0,298
CHR5	8399137	CHR5:8399137	SSF x Far_LoA	-7,14170501	-0,135	0,303
CHR5	8399332	CHR5:8399332	SSF x Far_LoA	-11,5558709	-0,019	0,308
CHR5	8401722	CHR5:8401722	SSF x Far_LoA	-9,75276415	0,070	0,306
CHR5	8401739	CHR5:8401739	SSF x Far_LoA	-8,07838272	-0,124	0,300
CHR5	841236	CHR5:841236	SSF x Far_LoA	-6,26684055	0,119	0,301
CHR5	8418263	CHR5:8418263	SSF x Far_LoA	-11,2282918	0,083	0,307
CHR5	8420668	CHR5:8420668	SSF x Far_LoA	-11,2318904	0,001	0,301
CHR5	8423087	CHR5:8423087	SSF x Far_LoA	-10,2998017	-0,098	0,287
CHR5	8431891	CHR5:8431891	SSF x Far_LoA	-8,00372205	-0,003	0,312
CHR5	8431943	CHR5:8431943	SSF x Far_LoA	-11,0839171	0,004	0,312

CHR5	8431962	CHR5:8431962	SSF x Far_LoA	-8,22590221	-0,007	0,317
CHR5	8437886	CHR5:8437886	SSF x Far_LoA	-9,80412986	-0,105	0,305
CHR5	844034	CHR5:844034	SSF x Far_LoA	-10,615628	0,063	0,298
CHR5	844097	CHR5:844097	SSF x Far_LoA	-10,3264779	-0,064	0,315
CHR5	844114	CHR5:844114	SSF x Far_LoA	-8,56289763	0,119	0,289
CHR5	844188	CHR5:844188	SSF x Far_LoA	-10,0892754	0,047	0,318
CHR5	844195	CHR5:844195	SSF x Far_LoA	-12,1217295	0,046	0,289
CHR5	8455744	CHR5:8455744	SSF x Far_LoA	-11,0661098	-0,063	0,302
CHR5	8459561	CHR5:8459561	SSF x Far_LoA	-9,10372359	0,002	0,326
CHR5	8462246	CHR5:8462246	SSF x Far_LoA	-10,814966	0,042	0,312
CHR5	846962	CHR5:846962	SSF x Far_LoA	-11,3942606	-0,005	0,319
CHR5	846969	CHR5:846969	SSF x Far_LoA	-11,4798488	0,025	0,308
CHR5	847086	CHR5:847086	SSF x Far_LoA	-7,31079294	0,108	0,318
CHR5	849186	CHR5:849186	SSF x Far_LoA	-10,3783687	-0,002	0,301
CHR5	8500514	CHR5:8500514	SSF x Far_LoA	-9,05147477	0,000	0,309
CHR5	8505950	CHR5:8505950	SSF x Far_LoA	-10,2595774	-0,070	0,305
CHR5	8508294	CHR5:8508294	SSF x Far_LoA	-9,18326514	0,024	0,304
CHR5	8530209	CHR5:8530209	SSF x Far_LoA	-9,07036413	0,094	0,305
CHR5	853506	CHR5:853506	SSF x Far_LoA	-8,19678581	-0,004	0,297
CHR5	853612	CHR5:853612	SSF x Far_LoA	-6,88604999	-0,154	0,299
CHR5	853753	CHR5:853753	SSF x Far_LoA	-8,4831865	-0,044	0,306
CHR5	8569187	CHR5:8569187	SSF x Far_LoA	-9,54081034	0,047	0,311
CHR5	8578998	CHR5:8578998	SSF x Far_LoA	-11,1880268	0,018	0,310
CHR5	8600184	CHR5:8600184	SSF x Far_LoA	-7,85958113	0,059	0,317
CHR5	8602053	CHR5:8602053	SSF x Far_LoA	-8,91754507	-0,059	0,283
CHR5	8602089	CHR5:8602089	SSF x Far_LoA	-9,76859141	0,042	0,293
CHR5	8602108	CHR5:8602108	SSF x Far_LoA	-9,95453881	0,055	0,300
CHR5	8611716	CHR5:8611716	SSF x Far_LoA	-9,77005821	-0,043	0,309
CHR5	8611853	CHR5:8611853	SSF x Far_LoA	-9,01705308	0,049	0,305
CHR5	8611859	CHR5:8611859	SSF x Far_LoA	-6,6126536	-0,078	0,298
CHR5	8627783	CHR5:8627783	SSF x Far_LoA	-8,48812294	0,041	0,316
CHR5	8645273	CHR5:8645273	SSF x Far_LoA	-12,03739	-0,027	0,290
CHR5	8645343	CHR5:8645343	SSF x Far_LoA	-8,59240967	0,110	0,310
CHR5	8645434	CHR5:8645434	SSF x Far_LoA	-8,8126288	0,089	0,301
CHR5	8649276	CHR5:8649276	SSF x Far_LoA	-10,7992314	0,102	0,303
CHR5	8649378	CHR5:8649378	SSF x Far_LoA	-7,96980775	-0,162	0,297
CHR5	8654284	CHR5:8654284	SSF x Far_LoA	-10,5408318	0,021	0,305
CHR5	8654328	CHR5:8654328	SSF x Far_LoA	-5,38982612	-0,114	0,307
CHR5	8654331	CHR5:8654331	SSF x Far_LoA	-11,2348143	0,076	0,301
CHR5	8663548	CHR5:8663548	SSF x Far_LoA	-10,8750748	-0,152	0,309
CHR5	8663576	CHR5:8663576	SSF x Far_LoA	-7,78224732	0,073	0,301
CHR5	8663621	CHR5:8663621	SSF x Far_LoA	-11,0218475	0,070	0,303
CHR5	8663649	CHR5:8663649	SSF x Far_LoA	-8,36963715	-0,096	0,301
CHR5	8663678	CHR5:8663678	SSF x Far_LoA	-9,94286675	0,009	0,305
CHR5	8663719	CHR5:8663719	SSF x Far_LoA	-9,95933555	0,087	0,313
CHR5	8663741	CHR5:8663741	SSF x Far_LoA	-8,65478588	-0,076	0,308
CHR5	8663748	CHR5:8663748	SSF x Far_LoA	-9,07824428	0,031	0,314
CHR5	8663753	CHR5:8663753	SSF x Far_LoA	-8,76166451	0,032	0,306
CHR5	8663763	CHR5:8663763	SSF x Far_LoA	-8,46353803	0,068	0,312
CHR5	8663776	CHR5:8663776	SSF x Far_LoA	-7,16180945	-0,069	0,331
CHR5	8669649	CHR5:8669649	SSF x Far_LoA	-8,56860815	-0,040	0,306
CHR5	8669856	CHR5:8669856	SSF x Far_LoA	-9,52082794	0,018	0,306
CHR5	8671890	CHR5:8671890	SSF x Far_LoA	-8,91931356	0,020	0,303

CHR5	867237	CHR5:867237	SSF x Far_LoA	-5,14726012	-0,117	0,309
CHR5	8672990	CHR5:8672990	SSF x Far_LoA	-9,16160682	0,019	0,304
CHR5	8679950	CHR5:8679950	SSF x Far_LoA	-5,56667597	0,017	0,302
CHR5	8694608	CHR5:8694608	SSF x Far_LoA	-10,8071061	0,055	0,310
CHR5	8694641	CHR5:8694641	SSF x Far_LoA	-7,81103454	-0,081	0,315
CHR5	8694677	CHR5:8694677	SSF x Far_LoA	-9,41576118	-0,023	0,313
CHR5	8698425	CHR5:8698425	SSF x Far_LoA	-9,04828989	-0,015	0,310
CHR5	8698441	CHR5:8698441	SSF x Far_LoA	-8,54828684	0,006	0,314
CHR5	8699232	CHR5:8699232	SSF x Far_LoA	-9,77100752	-0,011	0,319
CHR5	8723244	CHR5:8723244	SSF x Far_LoA	-9,5752239	-0,027	0,305
CHR5	8733452	CHR5:8733452	SSF x Far_LoA	-8,28062706	0,138	0,307
CHR5	8745516	CHR5:8745516	SSF x Far_LoA	-9,58048164	-0,054	0,308
CHR5	8749520	CHR5:8749520	SSF x Far_LoA	-12,0062854	0,082	0,290
CHR5	8749565	CHR5:8749565	SSF x Far_LoA	-7,23648245	-0,083	0,305
CHR5	8749582	CHR5:8749582	SSF x Far_LoA	-8,72026191	0,140	0,290
CHR5	8749599	CHR5:8749599	SSF x Far_LoA	-8,20202057	-0,125	0,305
CHR5	8749680	CHR5:8749680	SSF x Far_LoA	-6,88766674	0,112	0,303
CHR5	8749708	CHR5:8749708	SSF x Far_LoA	-11,1749985	0,051	0,306
CHR5	8761842	CHR5:8761842	SSF x Far_LoA	-8,27916042	0,061	0,304
CHR5	8761844	CHR5:8761844	SSF x Far_LoA	-10,1067013	-0,009	0,304
CHR5	8761865	CHR5:8761865	SSF x Far_LoA	-10,8320915	-0,046	0,315
CHR5	877115	CHR5:877115	SSF x Far_LoA	-7,6304692	-0,105	0,303
CHR5	877135	CHR5:877135	SSF x Far_LoA	-9,41620681	-0,018	0,314
CHR5	877259	CHR5:877259	SSF x Far_LoA	-8,32478483	0,147	0,292
CHR5	8774553	CHR5:8774553	SSF x Far_LoA	-9,1992764	0,046	0,312
CHR5	8774560	CHR5:8774560	SSF x Far_LoA	-11,1256593	-0,036	0,297
CHR5	8776498	CHR5:8776498	SSF x Far_LoA	-10,8508571	-0,063	0,312
CHR5	8776539	CHR5:8776539	SSF x Far_LoA	-9,981575	-0,110	0,310
CHR5	8776589	CHR5:8776589	SSF x Far_LoA	-8,30976541	0,090	0,303
CHR5	8776605	CHR5:8776605	SSF x Far_LoA	-8,64594881	-0,077	0,305
CHR5	8776627	CHR5:8776627	SSF x Far_LoA	-5,43259917	0,151	0,302
CHR5	8776687	CHR5:8776687	SSF x Far_LoA	-7,77869	-0,080	0,318
CHR5	8776726	CHR5:8776726	SSF x Far_LoA	-10,510017	-0,073	0,303
CHR5	8776741	CHR5:8776741	SSF x Far_LoA	-8,11205837	-0,065	0,308
CHR5	8791021	CHR5:8791021	SSF x Far_LoA	1,16574111	0,013	0,285
CHR5	8791027	CHR5:8791027	SSF x Far_LoA	-10,7780396	0,050	0,311
CHR5	8796337	CHR5:8796337	SSF x Far_LoA	-6,40376389	-0,040	0,327
CHR5	8796429	CHR5:8796429	SSF x Far_LoA	-10,1405524	-0,009	0,300
CHR5	8796462	CHR5:8796462	SSF x Far_LoA	-9,2306115	-0,074	0,304
CHR5	8796514	CHR5:8796514	SSF x Far_LoA	-11,2796929	0,060	0,303
CHR5	8797344	CHR5:8797344	SSF x Far_LoA	-9,32949306	-0,063	0,321
CHR5	880624	CHR5:880624	SSF x Far_LoA	-6,8963445	-0,003	0,287
CHR5	880670	CHR5:880670	SSF x Far_LoA	-9,08253924	-0,012	0,293
CHR5	880691	CHR5:880691	SSF x Far_LoA	-8,42024685	0,077	0,291
CHR5	8809352	CHR5:8809352	SSF x Far_LoA	-9,22854361	0,125	0,299
CHR5	8809382	CHR5:8809382	SSF x Far_LoA	-1,00436623	-0,101	0,299
CHR5	8809383	CHR5:8809383	SSF x Far_LoA	2,77581389	-0,125	0,304
CHR5	8809397	CHR5:8809397	SSF x Far_LoA	-9,11688884	0,080	0,296
CHR5	8809442	CHR5:8809442	SSF x Far_LoA	-7,84262514	-0,002	0,297
CHR5	8809895	CHR5:8809895	SSF x Far_LoA	-8,50455915	-0,182	0,311
CHR5	8813161	CHR5:8813161	SSF x Far_LoA	-8,71285662	-0,038	0,304
CHR5	8813186	CHR5:8813186	SSF x Far_LoA	-7,93747955	0,094	0,321
CHR5	8813194	CHR5:8813194	SSF x Far_LoA	-10,2539445	0,065	0,315

CHR5	882172	CHR5:882172	SSF x Far_LoA	-7,63047353	0,120	0,303
CHR5	8830290	CHR5:8830290	SSF x Far_LoA	-10,6062789	-0,070	0,314
CHR5	8830466	CHR5:8830466	SSF x Far_LoA	-8,87950903	0,054	0,321
CHR5	883574	CHR5:883574	SSF x Far_LoA	-10,1899083	0,030	0,306
CHR5	883606	CHR5:883606	SSF x Far_LoA	-7,00320456	-0,143	0,305
CHR5	883643	CHR5:883643	SSF x Far_LoA	-8,3937073	-0,125	0,296
CHR5	883660	CHR5:883660	SSF x Far_LoA	-8,84931877	-0,076	0,291
CHR5	8839461	CHR5:8839461	SSF x Far_LoA	-9,33034825	-0,114	0,299
CHR5	8843663	CHR5:8843663	SSF x Far_LoA	-6,53220557	0,015	0,327
CHR5	8843722	CHR5:8843722	SSF x Far_LoA	-9,00500495	0,071	0,318
CHR5	8849714	CHR5:8849714	SSF x Far_LoA	-10,8906908	-0,001	0,307
CHR5	8853219	CHR5:8853219	SSF x Far_LoA	-11,0648284	-0,066	0,304
CHR5	8853248	CHR5:8853248	SSF x Far_LoA	3,16324129	-0,101	0,292
CHR5	8853271	CHR5:8853271	SSF x Far_LoA	-8,30825955	0,049	0,309
CHR5	8853293	CHR5:8853293	SSF x Far_LoA	-3,05797329	-0,102	0,318
CHR5	8853307	CHR5:8853307	SSF x Far_LoA	-8,51774689	-0,058	0,330
CHR5	8853369	CHR5:8853369	SSF x Far_LoA	-8,05468571	-0,053	0,315
CHR5	8853375	CHR5:8853375	SSF x Far_LoA	-9,06506132	-0,014	0,302
CHR5	8853385	CHR5:8853385	SSF x Far_LoA	-8,40026034	0,028	0,310
CHR5	8853477	CHR5:8853477	SSF x Far_LoA	-9,16458239	-0,023	0,314
CHR5	8853482	CHR5:8853482	SSF x Far_LoA	-10,3139284	-0,013	0,300
CHR5	8859656	CHR5:8859656	SSF x Far_LoA	-10,4980837	0,034	0,302
CHR5	8859748	CHR5:8859748	SSF x Far_LoA	-10,0778787	-0,001	0,314
CHR5	8859811	CHR5:8859811	SSF x Far_LoA	-9,76468184	-0,025	0,282
CHR5	8859825	CHR5:8859825	SSF x Far_LoA	-9,67553942	-0,022	0,304
CHR5	8859836	CHR5:8859836	SSF x Far_LoA	-10,4016534	-0,060	0,298
CHR5	8869845	CHR5:8869845	SSF x Far_LoA	-9,3036345	0,045	0,317
CHR5	8869905	CHR5:8869905	SSF x Far_LoA	-10,0671417	0,052	0,312
CHR5	8869925	CHR5:8869925	SSF x Far_LoA	-9,80805344	0,042	0,312
CHR5	8870203	CHR5:8870203	SSF x Far_LoA	-11,8504231	-0,059	0,294
CHR5	8870217	CHR5:8870217	SSF x Far_LoA	-8,51568264	-0,039	0,322
CHR5	8878619	CHR5:8878619	SSF x Far_LoA	-4,34130249	0,219	0,290
CHR5	8878650	CHR5:8878650	SSF x Far_LoA	-8,5457042	0,021	0,312
CHR5	8878695	CHR5:8878695	SSF x Far_LoA	-5,24852588	0,077	0,303
CHR5	8878701	CHR5:8878701	SSF x Far_LoA	-7,09981732	0,078	0,306
CHR5	8878708	CHR5:8878708	SSF x Far_LoA	-9,64615067	0,000	0,312
CHR5	8878731	CHR5:8878731	SSF x Far_LoA	-8,50462703	0,167	0,300
CHR5	8880487	CHR5:8880487	SSF x Far_LoA	-11,5580551	0,076	0,292
CHR5	8883589	CHR5:8883589	SSF x Far_LoA	-8,74149118	-0,043	0,306
CHR5	8887823	CHR5:8887823	SSF x Far_LoA	-8,5945263	-0,029	0,306
CHR5	8887839	CHR5:8887839	SSF x Far_LoA	-8,45163762	0,032	0,311
CHR5	8887961	CHR5:8887961	SSF x Far_LoA	-10,6681072	-0,067	0,301
CHR5	8901330	CHR5:8901330	SSF x Far_LoA	-9,69456404	-0,143	0,301
CHR5	8901361	CHR5:8901361	SSF x Far_LoA	-9,4283866	0,004	0,296
CHR5	8901415	CHR5:8901415	SSF x Far_LoA	-6,60818512	-0,129	0,302
CHR5	8910457	CHR5:8910457	SSF x Far_LoA	-12,1508153	0,013	0,307
CHR5	8919343	CHR5:8919343	SSF x Far_LoA	-9,37186662	-0,007	0,297
CHR5	8919394	CHR5:8919394	SSF x Far_LoA	-11,4161384	0,031	0,315
CHR5	8919415	CHR5:8919415	SSF x Far_LoA	-11,4365178	0,082	0,311
CHR5	8919422	CHR5:8919422	SSF x Far_LoA	-8,41261308	0,028	0,317
CHR5	8919490	CHR5:8919490	SSF x Far_LoA	-10,8864451	0,005	0,312
CHR5	8919513	CHR5:8919513	SSF x Far_LoA	-9,97615486	-0,012	0,308
CHR5	8921334	CHR5:8921334	SSF x Far_LoA	-11,5180742	0,010	0,296

CHR5	8921393	CHR5:8921393	SSF x Far_LoA	-10,5325715	-0,133	0,301
CHR5	8921522	CHR5:8921522	SSF x Far_LoA	-8,75134799	-0,043	0,316
CHR5	8923779	CHR5:8923779	SSF x Far_LoA	-10,386012	0,039	0,296
CHR5	8926223	CHR5:8926223	SSF x Far_LoA	-8,38599582	0,042	0,330
CHR5	8930146	CHR5:8930146	SSF x Far_LoA	-8,3757778	-0,083	0,305
CHR5	8930151	CHR5:8930151	SSF x Far_LoA	-11,2447704	0,037	0,304
CHR5	8930162	CHR5:8930162	SSF x Far_LoA	-9,78868705	0,013	0,326
CHR5	8930310	CHR5:8930310	SSF x Far_LoA	-9,47669827	-0,045	0,303
CHR5	8930328	CHR5:8930328	SSF x Far_LoA	-11,1095346	-0,049	0,303
CHR5	893347	CHR5:893347	SSF x Far_LoA	-7,93488312	0,112	0,309
CHR5	8940862	CHR5:8940862	SSF x Far_LoA	-7,46009056	0,114	0,301
CHR5	8940887	CHR5:8940887	SSF x Far_LoA	-7,83703171	0,058	0,294
CHR5	8940912	CHR5:8940912	SSF x Far_LoA	-10,4561639	0,025	0,300
CHR5	8940918	CHR5:8940918	SSF x Far_LoA	-11,5452658	-0,067	0,295
CHR5	8940938	CHR5:8940938	SSF x Far_LoA	-10,8059439	-0,038	0,302
CHR5	8943944	CHR5:8943944	SSF x Far_LoA	-9,55462145	-0,018	0,312
CHR5	8943957	CHR5:8943957	SSF x Far_LoA	-9,08069733	-0,022	0,307
CHR5	8943992	CHR5:8943992	SSF x Far_LoA	-10,2819507	0,110	0,296
CHR5	8944693	CHR5:8944693	SSF x Far_LoA	-7,89663148	0,044	0,309
CHR5	8944713	CHR5:8944713	SSF x Far_LoA	-7,56675706	-0,014	0,319
CHR5	8944725	CHR5:8944725	SSF x Far_LoA	-9,43308253	-0,007	0,305
CHR5	8944728	CHR5:8944728	SSF x Far_LoA	-9,78935142	0,124	0,292
CHR5	8944741	CHR5:8944741	SSF x Far_LoA	-8,82212936	-0,110	0,316
CHR5	8975983	CHR5:8975983	SSF x Far_LoA	-11,3522218	0,029	0,302
CHR5	8976036	CHR5:8976036	SSF x Far_LoA	-9,13622936	-0,022	0,299
CHR5	8976097	CHR5:8976097	SSF x Far_LoA	6,23959039	-0,174	0,303
CHR5	8981653	CHR5:8981653	SSF x Far_LoA	-9,18983825	0,101	0,298
CHR5	8981660	CHR5:8981660	SSF x Far_LoA	-5,47502094	0,005	0,309
CHR5	8981665	CHR5:8981665	SSF x Far_LoA	-6,1235774	0,109	0,321
CHR5	8981668	CHR5:8981668	SSF x Far_LoA	-2,90426375	0,145	0,301
CHR5	898788	CHR5:898788	SSF x Far_LoA	-6,89123419	-0,016	0,311
CHR5	9000622	CHR5:9000622	SSF x Far_LoA	-8,11480903	0,047	0,317
CHR5	9007145	CHR5:9007145	SSF x Far_LoA	-11,1781122	0,012	0,307
CHR5	9007160	CHR5:9007160	SSF x Far_LoA	-11,0579805	0,043	0,313
CHR5	9015395	CHR5:9015395	SSF x Far_LoA	-10,4329052	0,014	0,311
CHR5	9015463	CHR5:9015463	SSF x Far_LoA	-12,1577818	-0,019	0,304
CHR5	9015553	CHR5:9015553	SSF x Far_LoA	-8,70410627	-0,054	0,301
CHR5	9020742	CHR5:9020742	SSF x Far_LoA	-10,4127733	-0,033	0,306
CHR5	9020794	CHR5:9020794	SSF x Far_LoA	-9,34394598	-0,075	0,310
CHR5	9020805	CHR5:9020805	SSF x Far_LoA	-8,25778157	-0,107	0,301
CHR5	9020834	CHR5:9020834	SSF x Far_LoA	-7,01670137	-0,101	0,294
CHR5	9020899	CHR5:9020899	SSF x Far_LoA	-10,8729095	-0,022	0,302
CHR5	902218	CHR5:902218	SSF x Far_LoA	-6,8727699	-0,022	0,307
CHR5	9022520	CHR5:9022520	SSF x Far_LoA	-9,93600359	0,026	0,316
CHR5	9022541	CHR5:9022541	SSF x Far_LoA	-8,57209748	0,042	0,315
CHR5	9022608	CHR5:9022608	SSF x Far_LoA	-7,57221864	-0,143	0,303
CHR5	902280	CHR5:902280	SSF x Far_LoA	-11,5253485	0,043	0,299
CHR5	9024829	CHR5:9024829	SSF x Far_LoA	-9,27165388	0,122	0,308
CHR5	9024835	CHR5:9024835	SSF x Far_LoA	-11,9093632	0,046	0,308
CHR5	9027084	CHR5:9027084	SSF x Far_LoA	-9,73141901	0,025	0,293
CHR5	9030242	CHR5:9030242	SSF x Far_LoA	-8,32423948	0,050	0,302
CHR5	9030248	CHR5:9030248	SSF x Far_LoA	-11,0470237	-0,029	0,325
CHR5	9030317	CHR5:9030317	SSF x Far_LoA	-8,659536	0,021	0,314

CHR5	9030342	CHR5:9030342	SSF x Far_LoA	-8,67943554	0,014	0,313
CHR5	9046746	CHR5:9046746	SSF x Far_LoA	-7,915442	-0,147	0,303
CHR5	9047052	CHR5:9047052	SSF x Far_LoA	-9,00209116	-0,063	0,296
CHR5	9047063	CHR5:9047063	SSF x Far_LoA	-9,09356723	0,066	0,306
CHR5	9047065	CHR5:9047065	SSF x Far_LoA	-9,27019096	0,044	0,297
CHR5	9047104	CHR5:9047104	SSF x Far_LoA	-8,21551571	-0,149	0,296
CHR5	9047116	CHR5:9047116	SSF x Far_LoA	-8,50647633	-0,140	0,312
CHR5	9047120	CHR5:9047120	SSF x Far_LoA	-9,38784586	0,013	0,317
CHR5	905320	CHR5:905320	SSF x Far_LoA	-9,49460409	-0,027	0,299
CHR5	9058038	CHR5:9058038	SSF x Far_LoA	-10,0042324	0,067	0,290
CHR5	9058080	CHR5:9058080	SSF x Far_LoA	-11,0115875	-0,033	0,310
CHR5	9058121	CHR5:9058121	SSF x Far_LoA	-9,07855736	0,086	0,296
CHR5	9058167	CHR5:9058167	SSF x Far_LoA	-8,3824852	0,079	0,325
CHR5	9058200	CHR5:9058200	SSF x Far_LoA	-10,5221019	-0,041	0,314
CHR5	9061480	CHR5:9061480	SSF x Far_LoA	-6,97046733	-0,097	0,305
CHR5	9073118	CHR5:9073118	SSF x Far_LoA	-9,1969076	0,004	0,313
CHR5	9073134	CHR5:9073134	SSF x Far_LoA	-9,94326391	-0,022	0,311
CHR5	9073136	CHR5:9073136	SSF x Far_LoA	-10,0768472	-0,006	0,304
CHR5	9073282	CHR5:9073282	SSF x Far_LoA	-10,7230291	0,016	0,311
CHR5	9073300	CHR5:9073300	SSF x Far_LoA	-7,92013889	-0,161	0,306
CHR5	9073351	CHR5:9073351	SSF x Far_LoA	-7,72619119	-0,157	0,292
CHR5	9073370	CHR5:9073370	SSF x Far_LoA	-9,38628828	0,072	0,297
CHR5	9083247	CHR5:9083247	SSF x Far_LoA	-8,48308324	-0,085	0,322
CHR5	9083254	CHR5:9083254	SSF x Far_LoA	-7,92149888	-0,102	0,310
CHR5	9083270	CHR5:9083270	SSF x Far_LoA	-9,01586153	-0,058	0,297
CHR5	9083274	CHR5:9083274	SSF x Far_LoA	-6,66598364	-0,086	0,305
CHR5	9083307	CHR5:9083307	SSF x Far_LoA	-9,49434916	-0,108	0,324
CHR5	9083315	CHR5:9083315	SSF x Far_LoA	-9,41121008	0,064	0,299
CHR5	9083325	CHR5:9083325	SSF x Far_LoA	-9,35239837	-0,007	0,311
CHR5	9083416	CHR5:9083416	SSF x Far_LoA	-9,28271726	0,023	0,318
CHR5	9083458	CHR5:9083458	SSF x Far_LoA	-7,52630262	-0,038	0,321
CHR5	9083460	CHR5:9083460	SSF x Far_LoA	-9,04227946	-0,045	0,299
CHR5	9085152	CHR5:9085152	SSF x Far_LoA	-7,02071883	0,151	0,297
CHR5	9085154	CHR5:9085154	SSF x Far_LoA	-9,0418314	-0,017	0,314
CHR5	9085155	CHR5:9085155	SSF x Far_LoA	-9,20112871	-0,060	0,304
CHR5	9085280	CHR5:9085280	SSF x Far_LoA	-11,0332521	0,004	0,310
CHR5	9085300	CHR5:9085300	SSF x Far_LoA	-9,86857222	0,146	0,295
CHR5	9111362	CHR5:9111362	SSF x Far_LoA	-6,6394135	-0,115	0,301
CHR5	9111404	CHR5:9111404	SSF x Far_LoA	-11,3142862	0,028	0,304
CHR5	9111427	CHR5:9111427	SSF x Far_LoA	-10,928123	0,032	0,311
CHR5	9117828	CHR5:9117828	SSF x Far_LoA	-7,40285027	0,013	0,304
CHR5	9117868	CHR5:9117868	SSF x Far_LoA	-10,4641841	-0,057	0,298
CHR5	9119632	CHR5:9119632	SSF x Far_LoA	-8,9709992	-0,017	0,294
CHR5	9131627	CHR5:9131627	SSF x Far_LoA	-6,85794799	-0,002	0,319
CHR5	9131674	CHR5:9131674	SSF x Far_LoA	-9,3678517	-0,100	0,304
CHR5	9134165	CHR5:9134165	SSF x Far_LoA	-9,7838804	-0,027	0,290
CHR5	9134204	CHR5:9134204	SSF x Far_LoA	-8,89018505	0,044	0,319
CHR5	9137779	CHR5:9137779	SSF x Far_LoA	-9,28725444	-0,033	0,307
CHR5	9137781	CHR5:9137781	SSF x Far_LoA	-8,31228184	0,044	0,316
CHR5	9137816	CHR5:9137816	SSF x Far_LoA	-9,68403489	0,008	0,311
CHR5	9137825	CHR5:9137825	SSF x Far_LoA	-10,3176032	-0,001	0,305
CHR5	9142558	CHR5:9142558	SSF x Far_LoA	-9,09292876	-0,041	0,308
CHR5	9142575	CHR5:9142575	SSF x Far_LoA	-8,20572217	-0,042	0,302

CHR5	9142600	CHR5:9142600	SSF x Far_LoA	-10,0620623	0,029	0,320
CHR5	9142613	CHR5:9142613	SSF x Far_LoA	-9,91373362	0,001	0,322
CHR5	9142616	CHR5:9142616	SSF x Far_LoA	-9,97910614	0,045	0,308
CHR5	9142640	CHR5:9142640	SSF x Far_LoA	-10,7063251	0,017	0,308
CHR5	9145504	CHR5:9145504	SSF x Far_LoA	-3,86625371	-0,036	0,305
CHR5	9145522	CHR5:9145522	SSF x Far_LoA	-7,50236659	-0,122	0,323
CHR5	9147265	CHR5:9147265	SSF x Far_LoA	-7,86004696	-0,085	0,308
CHR5	9147280	CHR5:9147280	SSF x Far_LoA	-8,58100174	-0,115	0,283
CHR5	9147310	CHR5:9147310	SSF x Far_LoA	-9,24133655	0,129	0,293
CHR5	9147314	CHR5:9147314	SSF x Far_LoA	-10,3611735	-0,006	0,315
CHR5	9147341	CHR5:9147341	SSF x Far_LoA	-5,61516975	-0,133	0,314
CHR5	9147346	CHR5:9147346	SSF x Far_LoA	-9,93495271	-0,062	0,304
CHR5	9147372	CHR5:9147372	SSF x Far_LoA	-9,80891492	0,149	0,292
CHR5	9148210	CHR5:9148210	SSF x Far_LoA	-4,01599714	0,161	0,315
CHR5	9150561	CHR5:9150561	SSF x Far_LoA	-7,408882	0,033	0,300
CHR5	9150587	CHR5:9150587	SSF x Far_LoA	-8,6683329	-0,004	0,303
CHR5	9150608	CHR5:9150608	SSF x Far_LoA	-10,9893756	-0,014	0,319
CHR5	9150792	CHR5:9150792	SSF x Far_LoA	-8,38853558	-0,102	0,301
CHR5	9150868	CHR5:9150868	SSF x Far_LoA	-8,92243473	-0,072	0,315
CHR5	9150872	CHR5:9150872	SSF x Far_LoA	-9,51352816	0,125	0,283
CHR5	9155526	CHR5:9155526	SSF x Far_LoA	-7,66364208	-0,010	0,306
CHR5	9167900	CHR5:9167900	SSF x Far_LoA	-8,81573227	-0,020	0,309
CHR5	9167966	CHR5:9167966	SSF x Far_LoA	-11,0472763	-0,020	0,309
CHR5	9167972	CHR5:9167972	SSF x Far_LoA	-10,777817	0,005	0,309
CHR5	9168000	CHR5:9168000	SSF x Far_LoA	-10,827186	-0,012	0,315
CHR5	9168028	CHR5:9168028	SSF x Far_LoA	-9,5188192	-0,018	0,305
CHR5	9172935	CHR5:9172935	SSF x Far_LoA	-8,65843911	0,112	0,311
CHR5	9172968	CHR5:9172968	SSF x Far_LoA	-9,81342804	0,091	0,309
CHR5	9180986	CHR5:9180986	SSF x Far_LoA	-6,40082599	0,039	0,314
CHR5	9180998	CHR5:9180998	SSF x Far_LoA	-8,69186917	0,007	0,307
CHR5	9181037	CHR5:9181037	SSF x Far_LoA	-10,7998944	-0,020	0,307
CHR5	9181089	CHR5:9181089	SSF x Far_LoA	-7,68965695	-0,094	0,295
CHR5	9183386	CHR5:9183386	SSF x Far_LoA	-7,69426977	-0,122	0,306
CHR5	9183438	CHR5:9183438	SSF x Far_LoA	-9,02631744	-0,022	0,302
CHR5	9183453	CHR5:9183453	SSF x Far_LoA	-9,56980065	0,134	0,299
CHR5	9188770	CHR5:9188770	SSF x Far_LoA	-9,57066217	-0,076	0,310
CHR5	9188875	CHR5:9188875	SSF x Far_LoA	-12,1285409	0,039	0,292
CHR5	9189003	CHR5:9189003	SSF x Far_LoA	-10,7479487	-0,016	0,308
CHR5	9191970	CHR5:9191970	SSF x Far_LoA	-12,7402894	0,020	0,303
CHR5	9191979	CHR5:9191979	SSF x Far_LoA	-8,10174019	0,081	0,298
CHR5	9192050	CHR5:9192050	SSF x Far_LoA	-10,7103207	0,064	0,295
CHR5	9192053	CHR5:9192053	SSF x Far_LoA	-3,54756871	0,123	0,297
CHR5	9192061	CHR5:9192061	SSF x Far_LoA	-5,99101633	0,189	0,287
CHR5	9194004	CHR5:9194004	SSF x Far_LoA	-7,46232429	-0,169	0,305
CHR5	9194020	CHR5:9194020	SSF x Far_LoA	-9,64722465	-0,114	0,314
CHR5	9194071	CHR5:9194071	SSF x Far_LoA	-11,1218985	0,107	0,299
CHR5	9194243	CHR5:9194243	SSF x Far_LoA	-4,54071078	0,243	0,292
CHR5	919500	CHR5:919500	SSF x Far_LoA	-10,3568527	0,055	0,300
CHR5	919519	CHR5:919519	SSF x Far_LoA	-8,44286477	-0,036	0,299
CHR5	919571	CHR5:919571	SSF x Far_LoA	-10,4569501	-0,098	0,300
CHR5	9196893	CHR5:9196893	SSF x Far_LoA	-9,69245915	-0,066	0,304
CHR5	9196920	CHR5:9196920	SSF x Far_LoA	-4,79701117	-0,010	0,306
CHR5	9196942	CHR5:9196942	SSF x Far_LoA	-10,139271	-0,027	0,306

CHR5	9208038	CHR5:9208038	SSF x Far_LoA	-11,0703225	-0,073	0,296
CHR5	9218976	CHR5:9218976	SSF x Far_LoA	-11,3653409	0,093	0,314
CHR5	9219092	CHR5:9219092	SSF x Far_LoA	-9,27676768	-0,126	0,298
CHR5	9219101	CHR5:9219101	SSF x Far_LoA	-7,04448742	-0,045	0,299
CHR5	9227540	CHR5:9227540	SSF x Far_LoA	-3,80096964	0,091	0,307
CHR5	9227638	CHR5:9227638	SSF x Far_LoA	-9,57199957	0,032	0,311
CHR5	9228614	CHR5:9228614	SSF x Far_LoA	-7,456153	-0,140	0,296
CHR5	9228630	CHR5:9228630	SSF x Far_LoA	-9,60751291	-0,014	0,305
CHR5	9234921	CHR5:9234921	SSF x Far_LoA	-10,5531353	0,117	0,304
CHR5	9235132	CHR5:9235132	SSF x Far_LoA	-4,72073088	0,004	0,322
CHR5	9235154	CHR5:9235154	SSF x Far_LoA	-8,26452923	0,150	0,293
CHR5	9236447	CHR5:9236447	SSF x Far_LoA	-7,56333477	0,059	0,309
CHR5	9236499	CHR5:9236499	SSF x Far_LoA	-9,98584628	-0,027	0,316
CHR5	9236501	CHR5:9236501	SSF x Far_LoA	-9,6519335	-0,023	0,310
CHR5	9236608	CHR5:9236608	SSF x Far_LoA	-9,41720072	-0,001	0,300
CHR5	9236631	CHR5:9236631	SSF x Far_LoA	-11,8941778	0,033	0,314
CHR5	9236671	CHR5:9236671	SSF x Far_LoA	-10,1782339	-0,085	0,306
CHR5	9236678	CHR5:9236678	SSF x Far_LoA	-9,7109689	-0,055	0,305
CHR5	9236680	CHR5:9236680	SSF x Far_LoA	-10,0425863	-0,063	0,310
CHR5	9236692	CHR5:9236692	SSF x Far_LoA	-8,84847331	-0,118	0,302
CHR5	9245758	CHR5:9245758	SSF x Far_LoA	-7,9072843	-0,081	0,320
CHR5	9245760	CHR5:9245760	SSF x Far_LoA	-8,43281788	-0,068	0,316
CHR5	9245800	CHR5:9245800	SSF x Far_LoA	-7,50974545	-0,126	0,307
CHR5	9245895	CHR5:9245895	SSF x Far_LoA	-10,0395564	-0,040	0,302
CHR5	9252730	CHR5:9252730	SSF x Far_LoA	-10,2958589	0,063	0,297
CHR5	9252732	CHR5:9252732	SSF x Far_LoA	-10,3923418	0,092	0,295
CHR5	9252798	CHR5:9252798	SSF x Far_LoA	-8,02959732	-0,083	0,310
CHR5	9270499	CHR5:9270499	SSF x Far_LoA	-9,76991728	-0,040	0,308
CHR5	9270980	CHR5:9270980	SSF x Far_LoA	-8,91025734	-0,117	0,306
CHR5	9272572	CHR5:9272572	SSF x Far_LoA	-8,67306667	-0,171	0,293
CHR5	9274398	CHR5:9274398	SSF x Far_LoA	-8,49179775	-0,047	0,309
CHR5	9274414	CHR5:9274414	SSF x Far_LoA	-9,03663118	-0,086	0,298
CHR5	9274456	CHR5:9274456	SSF x Far_LoA	-8,84218213	-0,035	0,314
CHR5	9274484	CHR5:9274484	SSF x Far_LoA	-8,57340367	-0,081	0,317
CHR5	9274525	CHR5:9274525	SSF x Far_LoA	-9,70039574	-0,056	0,317
CHR5	9274808	CHR5:9274808	SSF x Far_LoA	-8,27260766	-0,081	0,307
CHR5	9274829	CHR5:9274829	SSF x Far_LoA	-9,80923131	-0,134	0,303
CHR5	9274852	CHR5:9274852	SSF x Far_LoA	-6,86865871	-0,182	0,311
CHR5	9274908	CHR5:9274908	SSF x Far_LoA	-9,74631044	0,003	0,309
CHR5	9274909	CHR5:9274909	SSF x Far_LoA	-10,5888958	-0,005	0,312
CHR5	9290334	CHR5:9290334	SSF x Far_LoA	-9,82151089	-0,030	0,309
CHR5	9290376	CHR5:9290376	SSF x Far_LoA	-9,21560358	-0,076	0,292
CHR5	9290445	CHR5:9290445	SSF x Far_LoA	-9,64589748	0,066	0,315
CHR5	9290730	CHR5:9290730	SSF x Far_LoA	-6,86979945	-0,056	0,307
CHR5	9293254	CHR5:9293254	SSF x Far_LoA	-8,57646951	0,057	0,318
CHR5	9293281	CHR5:9293281	SSF x Far_LoA	-10,1851134	-0,012	0,322
CHR5	9304366	CHR5:9304366	SSF x Far_LoA	-6,10860928	0,044	0,310
CHR5	9306506	CHR5:9306506	SSF x Far_LoA	-10,0038138	-0,113	0,298
CHR5	9306744	CHR5:9306744	SSF x Far_LoA	-9,3731326	0,027	0,301
CHR5	9306745	CHR5:9306745	SSF x Far_LoA	-7,65727468	-0,031	0,319
CHR5	9306748	CHR5:9306748	SSF x Far_LoA	-3,00904729	0,019	0,308
CHR5	9308969	CHR5:9308969	SSF x Far_LoA	-11,8263084	-0,043	0,308
CHR5	9310160	CHR5:9310160	SSF x Far_LoA	-10,0372755	-0,148	0,305

CHR5	9310339	CHR5:9310339	SSF x Far_LoA	-8,52686269	-0,021	0,313
CHR5	9311673	CHR5:9311673	SSF x Far_LoA	-6,07415333	0,144	0,299
CHR5	9311767	CHR5:9311767	SSF x Far_LoA	-10,0996056	-0,070	0,314
CHR5	9312653	CHR5:9312653	SSF x Far_LoA	-7,77841597	-0,143	0,298
CHR5	9312743	CHR5:9312743	SSF x Far_LoA	-4,45128474	0,104	0,305
CHR5	9319373	CHR5:9319373	SSF x Far_LoA	-8,48864972	0,077	0,304
CHR5	9325569	CHR5:9325569	SSF x Far_LoA	-9,71888539	0,068	0,304
CHR5	9325595	CHR5:9325595	SSF x Far_LoA	-3,76653925	0,068	0,299
CHR5	9325605	CHR5:9325605	SSF x Far_LoA	-4,93420212	0,186	0,297
CHR5	9330801	CHR5:9330801	SSF x Far_LoA	-9,06259191	0,010	0,306
CHR5	9335163	CHR5:9335163	SSF x Far_LoA	-11,0693214	0,020	0,300
CHR5	9335168	CHR5:9335168	SSF x Far_LoA	-8,62032478	-0,196	0,304
CHR5	9335306	CHR5:9335306	SSF x Far_LoA	-10,5928774	-0,008	0,314
CHR5	9335326	CHR5:9335326	SSF x Far_LoA	-5,91953958	-0,146	0,304
CHR5	9335355	CHR5:9335355	SSF x Far_LoA	-6,72350088	0,116	0,308
CHR5	9345758	CHR5:9345758	SSF x Far_LoA	-11,1236034	0,039	0,305
CHR5	9345863	CHR5:9345863	SSF x Far_LoA	-11,0249832	-0,070	0,290
CHR5	9345873	CHR5:9345873	SSF x Far_LoA	-5,23862308	-0,097	0,317
CHR5	9345918	CHR5:9345918	SSF x Far_LoA	-6,47726854	-0,012	0,307
CHR5	9350089	CHR5:9350089	SSF x Far_LoA	-9,06132372	-0,029	0,316
CHR5	9350169	CHR5:9350169	SSF x Far_LoA	-9,36813382	0,092	0,285
CHR5	935625	CHR5:935625	SSF x Far_LoA	-10,6079476	-0,039	0,312
CHR5	935681	CHR5:935681	SSF x Far_LoA	-11,8043183	-0,023	0,306
CHR5	935707	CHR5:935707	SSF x Far_LoA	-7,00651487	0,156	0,298
CHR5	9371953	CHR5:9371953	SSF x Far_LoA	-6,77077139	-0,084	0,317
CHR5	9371963	CHR5:9371963	SSF x Far_LoA	-2,67372803	0,196	0,282
CHR5	9372050	CHR5:9372050	SSF x Far_LoA	-10,0793386	-0,149	0,305
CHR5	9372075	CHR5:9372075	SSF x Far_LoA	-2,1888255	-0,167	0,308
CHR5	9372982	CHR5:9372982	SSF x Far_LoA	-8,08662957	-0,033	0,316
CHR5	9373006	CHR5:9373006	SSF x Far_LoA	-8,71037196	-0,043	0,323
CHR5	9373040	CHR5:9373040	SSF x Far_LoA	-9,04080311	0,013	0,314
CHR5	9373041	CHR5:9373041	SSF x Far_LoA	-8,96839288	0,011	0,302
CHR5	9377912	CHR5:9377912	SSF x Far_LoA	-9,20455064	-0,008	0,317
CHR5	9377952	CHR5:9377952	SSF x Far_LoA	-9,79931127	0,034	0,324
CHR5	9383255	CHR5:9383255	SSF x Far_LoA	-9,96363098	0,013	0,306
CHR5	9383283	CHR5:9383283	SSF x Far_LoA	-9,86492189	0,055	0,299
CHR5	9399454	CHR5:9399454	SSF x Far_LoA	-12,1873902	-0,055	0,313
CHR5	9410329	CHR5:9410329	SSF x Far_LoA	-10,8606109	0,112	0,311
CHR5	9416153	CHR5:9416153	SSF x Far_LoA	-10,6147089	0,090	0,310
CHR5	9441523	CHR5:9441523	SSF x Far_LoA	-8,35629971	0,107	0,307
CHR5	9443892	CHR5:9443892	SSF x Far_LoA	-10,7022169	0,035	0,296
CHR5	9456640	CHR5:9456640	SSF x Far_LoA	-10,0471436	0,056	0,304
CHR5	9475755	CHR5:9475755	SSF x Far_LoA	-8,68324386	-0,030	0,315
CHR5	9484571	CHR5:9484571	SSF x Far_LoA	-8,01347762	0,108	0,307
CHR5	9489765	CHR5:9489765	SSF x Far_LoA	-9,67335871	-0,090	0,303
CHR5	9490716	CHR5:9490716	SSF x Far_LoA	-6,7462002	0,227	0,282
CHR5	9493072	CHR5:9493072	SSF x Far_LoA	-8,51406734	0,178	0,285
CHR5	9494905	CHR5:9494905	SSF x Far_LoA	-9,56018367	0,098	0,306
CHR5	9494906	CHR5:9494906	SSF x Far_LoA	-9,74575766	0,056	0,304
CHR5	9494979	CHR5:9494979	SSF x Far_LoA	-11,3024161	-0,036	0,320
CHR5	9508708	CHR5:9508708	SSF x Far_LoA	-8,40910228	-0,019	0,314
CHR5	9508749	CHR5:9508749	SSF x Far_LoA	-11,0875101	0,048	0,306
CHR5	9508783	CHR5:9508783	SSF x Far_LoA	-8,51679141	-0,072	0,311

CHR5	9508796	CHR5:9508796	SSF x Far_LoA	-11,3092127	0,017	0,303
CHR5	9508856	CHR5:9508856	SSF x Far_LoA	-8,43639718	0,020	0,313
CHR5	9508864	CHR5:9508864	SSF x Far_LoA	-10,7585344	0,057	0,311
CHR5	9512505	CHR5:9512505	SSF x Far_LoA	-7,44341214	-0,095	0,305
CHR5	9512595	CHR5:9512595	SSF x Far_LoA	-4,02432043	-0,043	0,316
CHR5	9516609	CHR5:9516609	SSF x Far_LoA	-9,63468917	-0,034	0,304
CHR5	9516639	CHR5:9516639	SSF x Far_LoA	-7,56826555	-0,107	0,306
CHR5	9516712	CHR5:9516712	SSF x Far_LoA	-10,346375	-0,057	0,303
CHR5	9521992	CHR5:9521992	SSF x Far_LoA	-10,2984724	-0,066	0,310
CHR5	9532646	CHR5:9532646	SSF x Far_LoA	-9,45034623	0,005	0,316
CHR5	9532900	CHR5:9532900	SSF x Far_LoA	-7,76403819	-0,029	0,323
CHR5	9536807	CHR5:9536807	SSF x Far_LoA	-10,2665993	0,064	0,309
CHR5	9537008	CHR5:9537008	SSF x Far_LoA	-8,98686811	0,022	0,301
CHR5	9546029	CHR5:9546029	SSF x Far_LoA	-11,2513766	-0,007	0,306
CHR5	9546049	CHR5:9546049	SSF x Far_LoA	-8,75266342	-0,042	0,301
CHR5	9560151	CHR5:9560151	SSF x Far_LoA	-11,2582584	0,065	0,306
CHR5	9560271	CHR5:9560271	SSF x Far_LoA	-8,92287251	-0,049	0,285
CHR5	956805	CHR5:956805	SSF x Far_LoA	-10,6483402	0,114	0,295
CHR5	956895	CHR5:956895	SSF x Far_LoA	-8,68757168	-0,095	0,313
CHR5	956981	CHR5:956981	SSF x Far_LoA	-7,80365923	-0,140	0,312
CHR5	956982	CHR5:956982	SSF x Far_LoA	-7,4541534	-0,156	0,301
CHR5	9569982	CHR5:9569982	SSF x Far_LoA	-8,68063165	-0,089	0,293
CHR5	9570035	CHR5:9570035	SSF x Far_LoA	-9,16850979	0,008	0,315
CHR5	9570079	CHR5:9570079	SSF x Far_LoA	-11,8776394	0,046	0,308
CHR5	9570092	CHR5:9570092	SSF x Far_LoA	-9,72285026	-0,035	0,313
CHR5	9570100	CHR5:9570100	SSF x Far_LoA	-8,31462727	-0,108	0,319
CHR5	9570186	CHR5:9570186	SSF x Far_LoA	-11,9486974	0,008	0,287
CHR5	9570214	CHR5:9570214	SSF x Far_LoA	-10,7463505	-0,123	0,297
CHR5	9570223	CHR5:9570223	SSF x Far_LoA	-8,13552708	-0,156	0,294
CHR5	9570226	CHR5:9570226	SSF x Far_LoA	-8,80736114	0,071	0,309
CHR5	957035	CHR5:957035	SSF x Far_LoA	-8,41280528	-0,061	0,313
CHR5	957101	CHR5:957101	SSF x Far_LoA	-8,98394657	-0,082	0,308
CHR5	9575643	CHR5:9575643	SSF x Far_LoA	-8,02582343	0,035	0,311
CHR5	9583203	CHR5:9583203	SSF x Far_LoA	-8,61205764	0,084	0,307
CHR5	9583314	CHR5:9583314	SSF x Far_LoA	-9,23230116	0,073	0,302
CHR5	9583365	CHR5:9583365	SSF x Far_LoA	-7,53700894	0,087	0,306
CHR5	9598259	CHR5:9598259	SSF x Far_LoA	-10,1310217	0,036	0,304
CHR5	9598395	CHR5:9598395	SSF x Far_LoA	-7,00093765	-0,072	0,304
CHR5	9598413	CHR5:9598413	SSF x Far_LoA	-12,233262	0,004	0,304
CHR5	9598420	CHR5:9598420	SSF x Far_LoA	-9,6585734	-0,032	0,300
CHR5	9600775	CHR5:9600775	SSF x Far_LoA	-11,4745846	0,008	0,294
CHR5	9600855	CHR5:9600855	SSF x Far_LoA	-8,34668493	-0,038	0,313
CHR5	9606712	CHR5:9606712	SSF x Far_LoA	-8,4792506	-0,102	0,303
CHR5	9613775	CHR5:9613775	SSF x Far_LoA	-8,62358769	-0,063	0,299
CHR5	9613806	CHR5:9613806	SSF x Far_LoA	-7,92748513	0,117	0,305
CHR5	9613809	CHR5:9613809	SSF x Far_LoA	-10,4433121	0,001	0,304
CHR5	9613907	CHR5:9613907	SSF x Far_LoA	-10,0808777	0,144	0,299
CHR5	9613929	CHR5:9613929	SSF x Far_LoA	-11,4659552	-0,062	0,301
CHR5	9623565	CHR5:9623565	SSF x Far_LoA	-11,3878949	0,000	0,312
CHR5	9623762	CHR5:9623762	SSF x Far_LoA	-6,11533402	-0,080	0,302
CHR5	9623778	CHR5:9623778	SSF x Far_LoA	-9,41213262	-0,078	0,309
CHR5	9626698	CHR5:9626698	SSF x Far_LoA	-5,80196502	0,038	0,303
CHR5	9626723	CHR5:9626723	SSF x Far_LoA	-9,16112562	0,046	0,302

CHR5	9637689	CHR5:9637689	SSF x Far_LoA	-9,80896464	0,040	0,305
CHR5	9637703	CHR5:9637703	SSF x Far_LoA	-7,33388404	-0,006	0,308
CHR5	9637797	CHR5:9637797	SSF x Far_LoA	-11,859708	0,058	0,300
CHR5	9637847	CHR5:9637847	SSF x Far_LoA	-10,7673202	0,112	0,296
CHR5	9637874	CHR5:9637874	SSF x Far_LoA	-9,36224944	0,082	0,307
CHR5	964225	CHR5:964225	SSF x Far_LoA	-9,79014278	0,015	0,313
CHR5	964393	CHR5:964393	SSF x Far_LoA	-8,61758858	-0,094	0,289
CHR5	9645667	CHR5:9645667	SSF x Far_LoA	-8,64718986	0,137	0,308
CHR5	9645821	CHR5:9645821	SSF x Far_LoA	-8,63783905	0,010	0,313
CHR5	9645862	CHR5:9645862	SSF x Far_LoA	-12,2656653	-0,025	0,309
CHR5	9658392	CHR5:9658392	SSF x Far_LoA	-10,0945146	0,051	0,320
CHR5	9658422	CHR5:9658422	SSF x Far_LoA	-11,7261538	0,006	0,310
CHR5	9658428	CHR5:9658428	SSF x Far_LoA	-9,96864509	0,056	0,317
CHR5	9662741	CHR5:9662741	SSF x Far_LoA	-8,38879238	0,031	0,311
CHR5	9663538	CHR5:9663538	SSF x Far_LoA	-10,4723505	0,130	0,313
CHR5	9666255	CHR5:9666255	SSF x Far_LoA	-10,8060908	0,016	0,303
CHR5	9666368	CHR5:9666368	SSF x Far_LoA	-8,71478306	0,019	0,299
CHR5	9666386	CHR5:9666386	SSF x Far_LoA	-10,3635276	0,045	0,306
CHR5	9666408	CHR5:9666408	SSF x Far_LoA	-10,5872923	0,069	0,303
CHR5	9666449	CHR5:9666449	SSF x Far_LoA	-10,7336292	0,072	0,309
CHR5	9666486	CHR5:9666486	SSF x Far_LoA	-10,0879459	0,053	0,307
CHR5	9666494	CHR5:9666494	SSF x Far_LoA	-9,73104159	0,051	0,311
CHR5	9669336	CHR5:9669336	SSF x Far_LoA	-8,9459201	-0,035	0,318
CHR5	9669429	CHR5:9669429	SSF x Far_LoA	-6,15651564	0,087	0,307
CHR5	9669453	CHR5:9669453	SSF x Far_LoA	-9,57887099	-0,030	0,306
CHR5	9669455	CHR5:9669455	SSF x Far_LoA	-9,5173616	-0,024	0,319
CHR5	9669504	CHR5:9669504	SSF x Far_LoA	-2,11830672	0,073	0,309
CHR5	9669512	CHR5:9669512	SSF x Far_LoA	-11,517975	0,026	0,313
CHR5	9672308	CHR5:9672308	SSF x Far_LoA	-9,91853022	0,051	0,302
CHR5	9672322	CHR5:9672322	SSF x Far_LoA	-3,55637338	0,126	0,297
CHR5	9673997	CHR5:9673997	SSF x Far_LoA	-7,68270124	-0,117	0,289
CHR5	9674058	CHR5:9674058	SSF x Far_LoA	-8,86986821	0,025	0,316
CHR5	9674148	CHR5:9674148	SSF x Far_LoA	-10,1191362	0,065	0,316
CHR5	9677176	CHR5:9677176	SSF x Far_LoA	-9,39321416	0,058	0,301
CHR5	967991	CHR5:967991	SSF x Far_LoA	-8,69104726	-0,002	0,308
CHR5	968066	CHR5:968066	SSF x Far_LoA	-11,4264633	-0,007	0,304
CHR5	9684733	CHR5:9684733	SSF x Far_LoA	-10,8526525	0,069	0,297
CHR5	9686045	CHR5:9686045	SSF x Far_LoA	-5,83138631	-0,190	0,309
CHR5	9686088	CHR5:9686088	SSF x Far_LoA	-7,17915704	0,093	0,315
CHR5	9686304	CHR5:9686304	SSF x Far_LoA	-11,2421172	-0,074	0,300
CHR5	9696585	CHR5:9696585	SSF x Far_LoA	-7,81623015	-0,107	0,303
CHR5	9720215	CHR5:9720215	SSF x Far_LoA	-6,1090326	-0,002	0,311
CHR5	9722927	CHR5:9722927	SSF x Far_LoA	-9,6376769	-0,066	0,290
CHR5	9722929	CHR5:9722929	SSF x Far_LoA	-8,24041404	-0,083	0,300
CHR5	9722953	CHR5:9722953	SSF x Far_LoA	-8,88250329	-0,061	0,303
CHR5	9722970	CHR5:9722970	SSF x Far_LoA	-10,2627567	-0,034	0,302
CHR5	9722989	CHR5:9722989	SSF x Far_LoA	-9,7296242	0,047	0,310
CHR5	9723015	CHR5:9723015	SSF x Far_LoA	-9,72664536	-0,049	0,296
CHR5	9723079	CHR5:9723079	SSF x Far_LoA	-9,54284381	-0,001	0,317
CHR5	9723095	CHR5:9723095	SSF x Far_LoA	-10,1139516	0,033	0,307
CHR5	9725699	CHR5:9725699	SSF x Far_LoA	-9,40657248	-0,092	0,311
CHR5	9725755	CHR5:9725755	SSF x Far_LoA	-6,44661875	-0,141	0,305
CHR5	9725776	CHR5:9725776	SSF x Far_LoA	-6,97654173	0,010	0,305

CHR5	9725786	CHR5:9725786	SSF x Far_LoA	-10,1061469	0,019	0,302
CHR5	9725801	CHR5:9725801	SSF x Far_LoA	-6,47459552	0,131	0,304
CHR5	9725834	CHR5:9725834	SSF x Far_LoA	-12,0863441	0,039	0,299
CHR5	9731435	CHR5:9731435	SSF x Far_LoA	-10,6553036	0,022	0,296
CHR5	9731487	CHR5:9731487	SSF x Far_LoA	-6,38409862	-0,049	0,317
CHR5	9731494	CHR5:9731494	SSF x Far_LoA	-11,1184054	0,020	0,302
CHR5	9731586	CHR5:9731586	SSF x Far_LoA	-9,07811869	-0,090	0,316
CHR5	9731594	CHR5:9731594	SSF x Far_LoA	-9,29830775	-0,053	0,303
CHR5	9731623	CHR5:9731623	SSF x Far_LoA	-11,0525771	0,047	0,303
CHR5	9731657	CHR5:9731657	SSF x Far_LoA	-10,7745909	0,011	0,293
CHR5	9731662	CHR5:9731662	SSF x Far_LoA	-8,41800544	0,115	0,308
CHR5	9731669	CHR5:9731669	SSF x Far_LoA	-0,2124213	0,117	0,298
CHR5	9731676	CHR5:9731676	SSF x Far_LoA	-3,880297	0,117	0,294
CHR5	9731707	CHR5:9731707	SSF x Far_LoA	-11,4834395	-0,016	0,309
CHR5	9734992	CHR5:9734992	SSF x Far_LoA	-10,4027286	0,004	0,314
CHR5	9735077	CHR5:9735077	SSF x Far_LoA	-5,52419054	-0,043	0,306
CHR5	9735114	CHR5:9735114	SSF x Far_LoA	-11,6618605	-0,058	0,296
CHR5	9735184	CHR5:9735184	SSF x Far_LoA	-9,78884821	0,109	0,314
CHR5	9735211	CHR5:9735211	SSF x Far_LoA	-8,9432915	0,015	0,304
CHR5	974059	CHR5:974059	SSF x Far_LoA	-9,08904778	0,115	0,294
CHR5	974100	CHR5:974100	SSF x Far_LoA	-8,13231055	0,097	0,310
CHR5	974163	CHR5:974163	SSF x Far_LoA	-10,368809	-0,029	0,307
CHR5	9747383	CHR5:9747383	SSF x Far_LoA	-9,73772511	-0,062	0,305
CHR5	9749290	CHR5:9749290	SSF x Far_LoA	-9,2503946	0,084	0,298
CHR5	9749318	CHR5:9749318	SSF x Far_LoA	-11,0889326	0,055	0,298
CHR5	9749329	CHR5:9749329	SSF x Far_LoA	-11,3457739	0,068	0,293
CHR5	9749334	CHR5:9749334	SSF x Far_LoA	-8,62619467	0,024	0,305
CHR5	9749414	CHR5:9749414	SSF x Far_LoA	-8,31278661	0,142	0,311
CHR5	9749444	CHR5:9749444	SSF x Far_LoA	-5,53365407	0,166	0,311
CHR5	9749448	CHR5:9749448	SSF x Far_LoA	-11,1629335	0,088	0,307
CHR5	9749468	CHR5:9749468	SSF x Far_LoA	-1,60517502	-0,235	0,294
CHR5	9749518	CHR5:9749518	SSF x Far_LoA	-6,33485836	-0,165	0,288
CHR5	9770758	CHR5:9770758	SSF x Far_LoA	-9,47700159	-0,042	0,295
CHR5	9770862	CHR5:9770862	SSF x Far_LoA	-11,1956847	0,031	0,293
CHR5	9770926	CHR5:9770926	SSF x Far_LoA	-11,2844425	0,014	0,307
CHR5	9776921	CHR5:9776921	SSF x Far_LoA	-5,24153942	0,128	0,301
CHR5	9776973	CHR5:9776973	SSF x Far_LoA	-9,05970507	-0,052	0,312
CHR5	9777031	CHR5:9777031	SSF x Far_LoA	-9,61626094	0,042	0,310
CHR5	9777158	CHR5:9777158	SSF x Far_LoA	-7,62539044	-0,116	0,296
CHR5	9780150	CHR5:9780150	SSF x Far_LoA	-8,9490868	-0,010	0,312
CHR5	9781666	CHR5:9781666	SSF x Far_LoA	-10,7142627	0,018	0,308
CHR5	9781676	CHR5:9781676	SSF x Far_LoA	-9,54875415	0,074	0,314
CHR5	9781695	CHR5:9781695	SSF x Far_LoA	-12,1444058	0,026	0,304
CHR5	9781739	CHR5:9781739	SSF x Far_LoA	-8,81991951	-0,145	0,292
CHR5	9781752	CHR5:9781752	SSF x Far_LoA	-10,6583289	-0,045	0,315
CHR5	9781808	CHR5:9781808	SSF x Far_LoA	-9,57573972	-0,031	0,297
CHR5	9781823	CHR5:9781823	SSF x Far_LoA	-10,1178582	-0,045	0,316
CHR5	9781828	CHR5:9781828	SSF x Far_LoA	-10,4664437	0,014	0,312
CHR5	9781845	CHR5:9781845	SSF x Far_LoA	-11,8077844	-0,093	0,315
CHR5	9781848	CHR5:9781848	SSF x Far_LoA	-9,92097664	-0,100	0,309
CHR5	9784640	CHR5:9784640	SSF x Far_LoA	-5,57527622	0,195	0,293
CHR5	9784658	CHR5:9784658	SSF x Far_LoA	-8,61726089	-0,016	0,325
CHR5	9784698	CHR5:9784698	SSF x Far_LoA	-6,18304721	0,200	0,285

CHR5	9784706	CHR5:9784706	SSF x Far_LoA	-8,03387188	0,188	0,296
CHR5	9784714	CHR5:9784714	SSF x Far_LoA	-4,69105786	-0,135	0,317
CHR5	9784822	CHR5:9784822	SSF x Far_LoA	-10,9762387	-0,009	0,317
CHR5	9784842	CHR5:9784842	SSF x Far_LoA	-3,09224354	-0,129	0,304
CHR5	9784849	CHR5:9784849	SSF x Far_LoA	-5,01577824	-0,106	0,301
CHR5	9784870	CHR5:9784870	SSF x Far_LoA	-8,05910005	-0,104	0,301
CHR5	9786448	CHR5:9786448	SSF x Far_LoA	-10,0264062	-0,054	0,299
CHR5	9788448	CHR5:9788448	SSF x Far_LoA	-6,99882562	-0,225	0,287
CHR5	9788466	CHR5:9788466	SSF x Far_LoA	-4,98899482	-0,052	0,317
CHR5	9788506	CHR5:9788506	SSF x Far_LoA	-6,15780248	-0,183	0,294
CHR5	9788527	CHR5:9788527	SSF x Far_LoA	-9,31117984	0,071	0,299
CHR5	979863	CHR5:979863	SSF x Far_LoA	-9,08190267	0,006	0,317
CHR5	979902	CHR5:979902	SSF x Far_LoA	-7,45247446	0,070	0,313
CHR5	979928	CHR5:979928	SSF x Far_LoA	-11,2901352	0,088	0,312
CHR5	979952	CHR5:979952	SSF x Far_LoA	-10,1619381	-0,046	0,306
CHR5	979973	CHR5:979973	SSF x Far_LoA	-8,63410491	-0,005	0,313
CHR5	979978	CHR5:979978	SSF x Far_LoA	-9,25577313	-0,043	0,316
CHR5	980109	CHR5:980109	SSF x Far_LoA	-9,18636555	0,064	0,302
CHR5	980117	CHR5:980117	SSF x Far_LoA	-11,1747106	0,001	0,301
CHR5	980134	CHR5:980134	SSF x Far_LoA	-4,29351458	0,170	0,294
CHR5	9812204	CHR5:9812204	SSF x Far_LoA	-10,4111947	-0,001	0,300
CHR5	9812249	CHR5:9812249	SSF x Far_LoA	-11,9265851	-0,015	0,316
CHR5	9812270	CHR5:9812270	SSF x Far_LoA	-7,30348545	-0,084	0,316
CHR5	9821161	CHR5:9821161	SSF x Far_LoA	-8,95281092	-0,098	0,307
CHR5	9821166	CHR5:9821166	SSF x Far_LoA	-8,30015651	-0,080	0,305
CHR5	9821190	CHR5:9821190	SSF x Far_LoA	-7,13768862	-0,102	0,305
CHR5	9821212	CHR5:9821212	SSF x Far_LoA	-11,074337	0,068	0,306
CHR5	9821233	CHR5:9821233	SSF x Far_LoA	-6,89705746	-0,113	0,312
CHR5	9821545	CHR5:9821545	SSF x Far_LoA	-8,77251099	0,091	0,302
CHR5	9821550	CHR5:9821550	SSF x Far_LoA	-8,48603609	-0,101	0,310
CHR5	9826671	CHR5:9826671	SSF x Far_LoA	-9,44416761	0,018	0,305
CHR5	9826691	CHR5:9826691	SSF x Far_LoA	-7,25808618	0,124	0,292
CHR5	9826747	CHR5:9826747	SSF x Far_LoA	-9,04857637	-0,091	0,298
CHR5	9826756	CHR5:9826756	SSF x Far_LoA	-10,0124527	0,089	0,302
CHR5	9826789	CHR5:9826789	SSF x Far_LoA	-8,78624678	-0,094	0,310
CHR5	9826801	CHR5:9826801	SSF x Far_LoA	-9,77641544	0,017	0,298
CHR5	9837661	CHR5:9837661	SSF x Far_LoA	-9,6226061	0,105	0,302
CHR5	9839142	CHR5:9839142	SSF x Far_LoA	-8,87051514	-0,106	0,314
CHR5	9839144	CHR5:9839144	SSF x Far_LoA	-7,47713177	0,002	0,320
CHR5	9839168	CHR5:9839168	SSF x Far_LoA	-8,06273309	-0,087	0,310
CHR5	9839208	CHR5:9839208	SSF x Far_LoA	-9,23516716	-0,019	0,309
CHR5	9846596	CHR5:9846596	SSF x Far_LoA	-8,20197593	0,105	0,314
CHR5	9847821	CHR5:9847821	SSF x Far_LoA	-12,8561054	0,007	0,300
CHR5	9852651	CHR5:9852651	SSF x Far_LoA	-1,76321156	-0,032	0,313
CHR5	9852682	CHR5:9852682	SSF x Far_LoA	-9,13096282	-0,053	0,300
CHR5	9852786	CHR5:9852786	SSF x Far_LoA	-10,0889614	0,114	0,312
CHR5	9865425	CHR5:9865425	SSF x Far_LoA	-8,01473971	0,033	0,306
CHR5	9865428	CHR5:9865428	SSF x Far_LoA	-9,25995974	-0,102	0,304
CHR5	9865453	CHR5:9865453	SSF x Far_LoA	-10,7863421	0,070	0,300
CHR5	9865688	CHR5:9865688	SSF x Far_LoA	-10,8328932	0,020	0,320
CHR5	9865693	CHR5:9865693	SSF x Far_LoA	-9,12096837	0,021	0,309
CHR5	9865694	CHR5:9865694	SSF x Far_LoA	-10,7949361	0,024	0,308
CHR5	9865696	CHR5:9865696	SSF x Far_LoA	-7,08916869	-0,196	0,289

CHR5	9865718	CHR5:9865718	SSF x Far_LoA	-11,6630488	0,039	0,310
CHR5	9873711	CHR5:9873711	SSF x Far_LoA	-11,7216487	0,055	0,301
CHR5	9873832	CHR5:9873832	SSF x Far_LoA	-10,3639236	0,112	0,291
CHR5	9873833	CHR5:9873833	SSF x Far_LoA	-11,9021303	-0,058	0,301
CHR5	9873838	CHR5:9873838	SSF x Far_LoA	-7,02349936	0,005	0,306
CHR5	9873872	CHR5:9873872	SSF x Far_LoA	-11,4444799	0,014	0,297
CHR5	9877051	CHR5:9877051	SSF x Far_LoA	-10,3277471	-0,003	0,311
CHR5	9877056	CHR5:9877056	SSF x Far_LoA	-11,0320325	0,043	0,301
CHR5	988364	CHR5:988364	SSF x Far_LoA	-10,6839716	-0,006	0,315
CHR5	988384	CHR5:988384	SSF x Far_LoA	-7,43715891	-0,007	0,320
CHR5	988437	CHR5:988437	SSF x Far_LoA	-9,32294758	-0,039	0,317
CHR5	988444	CHR5:988444	SSF x Far_LoA	-9,79114582	-0,083	0,309
CHR5	988451	CHR5:988451	SSF x Far_LoA	-9,35742996	-0,037	0,322
CHR5	9886786	CHR5:9886786	SSF x Far_LoA	-10,7472039	0,086	0,305
CHR5	9890007	CHR5:9890007	SSF x Far_LoA	-8,14778987	0,149	0,302
CHR5	9897375	CHR5:9897375	SSF x Far_LoA	-11,4355679	0,075	0,301
CHR5	9897399	CHR5:9897399	SSF x Far_LoA	-10,5072975	0,071	0,294
CHR5	9897634	CHR5:9897634	SSF x Far_LoA	-10,5444519	0,039	0,300
CHR5	9897635	CHR5:9897635	SSF x Far_LoA	-9,70339398	0,014	0,313
CHR5	9898711	CHR5:9898711	SSF x Far_LoA	-11,2685461	0,008	0,305
CHR5	9898712	CHR5:9898712	SSF x Far_LoA	-10,5272162	-0,011	0,302
CHR5	9898782	CHR5:9898782	SSF x Far_LoA	-7,89670767	-0,022	0,303
CHR5	9899084	CHR5:9899084	SSF x Far_LoA	-10,9181528	0,071	0,300
CHR5	9901532	CHR5:9901532	SSF x Far_LoA	-9,77225877	0,030	0,306
CHR5	9901536	CHR5:9901536	SSF x Far_LoA	-10,9996799	0,025	0,301
CHR5	990456	CHR5:990456	SSF x Far_LoA	-7,58927936	-0,073	0,303
CHR5	990591	CHR5:990591	SSF x Far_LoA	-10,0121271	-0,047	0,313
CHR5	990668	CHR5:990668	SSF x Far_LoA	-8,81267636	-0,019	0,305
CHR5	9915847	CHR5:9915847	SSF x Far_LoA	-6,88178188	-0,138	0,316
CHR5	9915865	CHR5:9915865	SSF x Far_LoA	-7,67176872	-0,152	0,308
CHR5	9938260	CHR5:9938260	SSF x Far_LoA	-10,2714711	-0,041	0,304
CHR5	9938282	CHR5:9938282	SSF x Far_LoA	-7,52907755	0,084	0,301
CHR5	9951466	CHR5:9951466	SSF x Far_LoA	-7,983145	-0,012	0,334
CHR5	99589	CHR5:99589	SSF x Far_LoA	-8,89923148	0,013	0,315
CHR5	9968213	CHR5:9968213	SSF x Far_LoA	-9,78825905	0,021	0,307
CHR5	9974429	CHR5:9974429	SSF x Far_LoA	-9,37840762	0,090	0,307
CHR5	997629	CHR5:997629	SSF x Far_LoA	-7,95042682	-0,053	0,311
CHR5	997673	CHR5:997673	SSF x Far_LoA	-10,1342775	0,016	0,302
CHR5	997693	CHR5:997693	SSF x Far_LoA	-9,79967843	0,080	0,302
CHR5	9978876	CHR5:9978876	SSF x Far_LoA	-8,7315674	-0,068	0,311
CHR5	9978882	CHR5:9978882	SSF x Far_LoA	-9,53494372	0,074	0,301
CHR5	9978891	CHR5:9978891	SSF x Far_LoA	-9,87474022	-0,020	0,317
CHR5	9982171	CHR5:9982171	SSF x Far_LoA	-1,81917407	0,034	0,306
CHR5	9982226	CHR5:9982226	SSF x Far_LoA	-9,27931371	-0,018	0,309
CHR5	9983100	CHR5:9983100	SSF x Far_LoA	-8,76535995	0,114	0,301
CHR5	9983151	CHR5:9983151	SSF x Far_LoA	-9,16633766	-0,052	0,290
CHR5	9983225	CHR5:9983225	SSF x Far_LoA	-7,74100835	0,050	0,312
CHR5	9983235	CHR5:9983235	SSF x Far_LoA	-9,45915307	-0,050	0,311
CHR5	9998318	CHR5:9998318	SSF x Far_LoA	-7,79705383	-0,147	0,311
CHR5	9998396	CHR5:9998396	SSF x Far_LoA	-8,53609227	-0,145	0,305
CHR6	1E+07	CHR6:10003852	SSF x Far_LoA	-11,3896327	-0,018	0,310
CHR6	1E+07	CHR6:10003860	SSF x Far_LoA	-9,4785043	-0,021	0,308
CHR6	1E+07	CHR6:10003914	SSF x Far_LoA	-8,14266848	-0,117	0,296

CHR6	1E+07	CHR6:10003953	SSF x Far_LoA	-9,28209787	0,018	0,303
CHR6	1E+07	CHR6:10018655	SSF x Far_LoA	-8,47286475	-0,021	0,302
CHR6	1E+07	CHR6:10023725	SSF x Far_LoA	-10,6953747	0,067	0,313
CHR6	1E+07	CHR6:10023733	SSF x Far_LoA	-8,99214429	-0,001	0,290
CHR6	1E+07	CHR6:10023742	SSF x Far_LoA	-9,7298596	0,041	0,320
CHR6	1E+07	CHR6:10023752	SSF x Far_LoA	-9,02837423	0,016	0,309
CHR6	1E+07	CHR6:10031500	SSF x Far_LoA	-7,76423196	0,062	0,321
CHR6	1E+07	CHR6:10035942	SSF x Far_LoA	-6,90394771	-0,173	0,285
CHR6	1E+07	CHR6:10036336	SSF x Far_LoA	-6,76232443	0,072	0,312
CHR6	1E+07	CHR6:10041201	SSF x Far_LoA	-8,34632067	0,158	0,303
CHR6	1E+07	CHR6:10043552	SSF x Far_LoA	-10,8131396	0,031	0,308
CHR6	1E+07	CHR6:10043578	SSF x Far_LoA	-10,3491833	-0,081	0,297
CHR6	1E+07	CHR6:10043693	SSF x Far_LoA	-4,65114	0,278	0,291
CHR6	1E+07	CHR6:10043705	SSF x Far_LoA	-10,1731175	-0,119	0,309
CHR6	1E+07	CHR6:10053186	SSF x Far_LoA	-10,2968136	-0,092	0,296
CHR6	1E+07	CHR6:10053259	SSF x Far_LoA	-10,3386132	0,060	0,310
CHR6	1E+07	CHR6:10056541	SSF x Far_LoA	-6,76781698	0,025	0,295
CHR6	1E+07	CHR6:10056572	SSF x Far_LoA	-10,3484354	0,145	0,302
CHR6	1E+07	CHR6:10060648	SSF x Far_LoA	-10,7875174	-0,006	0,294
CHR6	1E+07	CHR6:10063646	SSF x Far_LoA	-8,62635693	0,060	0,322
CHR6	1E+07	CHR6:10063647	SSF x Far_LoA	-7,96048545	0,046	0,324
CHR6	1E+07	CHR6:10063709	SSF x Far_LoA	-8,91722455	0,090	0,308
CHR6	1E+07	CHR6:10063736	SSF x Far_LoA	-5,90678263	-0,036	0,319
CHR6	1E+07	CHR6:10063787	SSF x Far_LoA	-9,00465132	0,163	0,301
CHR6	1E+07	CHR6:10067710	SSF x Far_LoA	-8,71986148	0,015	0,296
CHR6	1E+07	CHR6:10067786	SSF x Far_LoA	-9,8704351	0,038	0,313
CHR6	1E+07	CHR6:10067888	SSF x Far_LoA	-8,66976833	-0,005	0,315
CHR6	1E+07	CHR6:10069531	SSF x Far_LoA	-6,02524232	-0,139	0,303
CHR6	1E+07	CHR6:10069536	SSF x Far_LoA	1,78343946	-0,109	0,323
CHR6	1E+07	CHR6:10069572	SSF x Far_LoA	-9,6080494	-0,076	0,315
CHR6	1E+07	CHR6:10069578	SSF x Far_LoA	-9,24592529	0,026	0,292
CHR6	1E+07	CHR6:10069602	SSF x Far_LoA	-7,65300278	0,118	0,297
CHR6	1E+07	CHR6:10069607	SSF x Far_LoA	-9,98969328	0,094	0,317
CHR6	1E+07	CHR6:10073830	SSF x Far_LoA	-10,4631384	-0,005	0,304
CHR6	1E+07	CHR6:10073939	SSF x Far_LoA	-9,4061894	-0,051	0,313
CHR6	1008048	CHR6:1008048	SSF x Far_LoA	-6,5184775	-0,059	0,313
CHR6	1E+07	CHR6:10085457	SSF x Far_LoA	-9,00999473	-0,074	0,306
CHR6	1E+07	CHR6:10085461	SSF x Far_LoA	-9,60606444	0,063	0,307
CHR6	1E+07	CHR6:10085508	SSF x Far_LoA	-10,2603963	-0,032	0,296
CHR6	1E+07	CHR6:10094613	SSF x Far_LoA	-8,96398921	0,101	0,312
CHR6	1E+07	CHR6:10094730	SSF x Far_LoA	-7,81775187	0,052	0,304
CHR6	1E+07	CHR6:10094733	SSF x Far_LoA	-8,84245077	0,000	0,313
CHR6	1E+07	CHR6:10094837	SSF x Far_LoA	-7,73206281	-0,039	0,296
CHR6	1E+07	CHR6:10094844	SSF x Far_LoA	-9,93055309	-0,003	0,305
CHR6	1E+07	CHR6:10113837	SSF x Far_LoA	-9,51125784	0,003	0,314
CHR6	1E+07	CHR6:10113902	SSF x Far_LoA	-8,67174863	0,048	0,315
CHR6	1E+07	CHR6:10113939	SSF x Far_LoA	-10,023669	-0,118	0,301
CHR6	1E+07	CHR6:10114020	SSF x Far_LoA	-12,221881	0,046	0,298
CHR6	1E+07	CHR6:10114036	SSF x Far_LoA	-11,4087667	0,052	0,304
CHR6	1E+07	CHR6:10114044	SSF x Far_LoA	-11,7220712	0,008	0,305
CHR6	1E+07	CHR6:10114047	SSF x Far_LoA	-11,564092	0,019	0,312
CHR6	1E+07	CHR6:10136814	SSF x Far_LoA	-10,4718714	-0,052	0,301
CHR6	1E+07	CHR6:10141545	SSF x Far_LoA	-11,7947261	-0,042	0,289

CHR6	1E+07	CHR6:10153454	SSF x Far_LoA	-9,25678347	-0,020	0,302
CHR6	1E+07	CHR6:10162830	SSF x Far_LoA	-8,16684411	-0,041	0,293
CHR6	1E+07	CHR6:10162892	SSF x Far_LoA	-8,65436541	-0,045	0,296
CHR6	1E+07	CHR6:10172877	SSF x Far_LoA	-10,8591892	-0,012	0,301
CHR6	1019895	CHR6:1019895	SSF x Far_LoA	-9,80904253	-0,041	0,322
CHR6	102208	CHR6:102208	SSF x Far_LoA	-11,0900086	0,009	0,302
CHR6	1E+07	CHR6:10247294	SSF x Far_LoA	-11,629402	0,012	0,306
CHR6	1E+07	CHR6:10247422	SSF x Far_LoA	-8,92062095	-0,126	0,311
CHR6	1E+07	CHR6:10247521	SSF x Far_LoA	-8,74497285	-0,062	0,329
CHR6	1E+07	CHR6:10250559	SSF x Far_LoA	-7,36094013	-0,088	0,311
CHR6	1E+07	CHR6:10250621	SSF x Far_LoA	-8,8457512	-0,087	0,308
CHR6	1E+07	CHR6:10256866	SSF x Far_LoA	-11,4505095	-0,038	0,305
CHR6	1E+07	CHR6:10256946	SSF x Far_LoA	-10,5093604	-0,029	0,327
CHR6	1E+07	CHR6:10256959	SSF x Far_LoA	-9,0452173	0,079	0,309
CHR6	1E+07	CHR6:10256999	SSF x Far_LoA	-11,2050083	0,022	0,299
CHR6	1E+07	CHR6:10257063	SSF x Far_LoA	-11,257025	0,012	0,307
CHR6	1E+07	CHR6:10257066	SSF x Far_LoA	-10,3773191	-0,016	0,302
CHR6	1E+07	CHR6:10257069	SSF x Far_LoA	-10,4016513	0,001	0,301
CHR6	1E+07	CHR6:10257113	SSF x Far_LoA	-10,7656308	-0,008	0,294
CHR6	1E+07	CHR6:10259296	SSF x Far_LoA	-11,6339502	0,046	0,302
CHR6	1E+07	CHR6:10259345	SSF x Far_LoA	-10,0691951	0,068	0,295
CHR6	1E+07	CHR6:10268082	SSF x Far_LoA	-9,76839845	0,029	0,311
CHR6	1E+07	CHR6:10268140	SSF x Far_LoA	-7,41610081	0,050	0,306
CHR6	1E+07	CHR6:10268194	SSF x Far_LoA	-6,821875	0,118	0,307
CHR6	1E+07	CHR6:10268335	SSF x Far_LoA	-9,37372582	0,094	0,303
CHR6	1E+07	CHR6:10273043	SSF x Far_LoA	-8,94598147	0,015	0,303
CHR6	1E+07	CHR6:10273143	SSF x Far_LoA	-6,35316959	-0,045	0,313
CHR6	1E+07	CHR6:10276582	SSF x Far_LoA	-10,5795324	0,064	0,314
CHR6	1E+07	CHR6:10282210	SSF x Far_LoA	-8,38706008	0,005	0,312
CHR6	1E+07	CHR6:10282341	SSF x Far_LoA	-10,3947463	0,025	0,295
CHR6	1E+07	CHR6:10292865	SSF x Far_LoA	-10,6384708	-0,027	0,303
CHR6	1E+07	CHR6:10293016	SSF x Far_LoA	-8,59088534	-0,055	0,324
CHR6	1E+07	CHR6:10299272	SSF x Far_LoA	-11,3804665	0,037	0,308
CHR6	1E+07	CHR6:10305447	SSF x Far_LoA	-5,64855546	-0,245	0,299
CHR6	1E+07	CHR6:10305484	SSF x Far_LoA	-10,6058851	-0,041	0,311
CHR6	1E+07	CHR6:10305564	SSF x Far_LoA	-9,7668085	-0,110	0,311
CHR6	1E+07	CHR6:10315324	SSF x Far_LoA	-8,44489576	0,153	0,293
CHR6	1E+07	CHR6:10316709	SSF x Far_LoA	-5,70334306	-0,024	0,303
CHR6	1E+07	CHR6:10332715	SSF x Far_LoA	-8,69693756	-0,008	0,308
CHR6	1E+07	CHR6:10332759	SSF x Far_LoA	-7,97260943	-0,096	0,303
CHR6	1E+07	CHR6:10333501	SSF x Far_LoA	-7,44290341	0,099	0,304
CHR6	1E+07	CHR6:10334869	SSF x Far_LoA	-6,00242045	-0,011	0,303
CHR6	1E+07	CHR6:10334974	SSF x Far_LoA	-10,6695206	0,018	0,297
CHR6	1E+07	CHR6:10335044	SSF x Far_LoA	-11,2990561	0,030	0,295
CHR6	1E+07	CHR6:10338012	SSF x Far_LoA	-9,74586803	-0,057	0,312
CHR6	1E+07	CHR6:10354715	SSF x Far_LoA	-7,90725203	-0,098	0,312
CHR6	1E+07	CHR6:10354725	SSF x Far_LoA	-9,74481025	-0,028	0,304
CHR6	1E+07	CHR6:10354840	SSF x Far_LoA	-8,57262168	0,029	0,321
CHR6	1E+07	CHR6:10354921	SSF x Far_LoA	-9,49942979	-0,039	0,303
CHR6	1E+07	CHR6:10361602	SSF x Far_LoA	-11,8665901	0,035	0,289
CHR6	1E+07	CHR6:10361742	SSF x Far_LoA	-9,35252644	-0,033	0,289
CHR6	1E+07	CHR6:10361749	SSF x Far_LoA	-7,40377084	-0,150	0,302
CHR6	1E+07	CHR6:10367439	SSF x Far_LoA	-8,81720236	-0,121	0,305

CHR6	1E+07	CHR6:10367454	SSF x Far_LoA	-9,02301989	0,017	0,313
CHR6	1E+07	CHR6:10392548	SSF x Far_LoA	-11,7992234	0,076	0,295
CHR6	1E+07	CHR6:10392633	SSF x Far_LoA	-9,92521715	0,006	0,313
CHR6	1039572	CHR6:1039572	SSF x Far_LoA	-9,05275832	0,048	0,308
CHR6	1E+07	CHR6:10399143	SSF x Far_LoA	-9,81739842	0,058	0,314
CHR6	1E+07	CHR6:10399347	SSF x Far_LoA	-8,10082399	-0,052	0,319
CHR6	1E+07	CHR6:10403911	SSF x Far_LoA	-8,03800401	-0,102	0,306
CHR6	1E+07	CHR6:10403929	SSF x Far_LoA	-9,51431074	-0,078	0,305
CHR6	1E+07	CHR6:10403995	SSF x Far_LoA	-7,08189355	0,156	0,302
CHR6	1E+07	CHR6:10404013	SSF x Far_LoA	-11,8752254	-0,031	0,305
CHR6	1E+07	CHR6:10404019	SSF x Far_LoA	-8,80978649	0,063	0,303
CHR6	1E+07	CHR6:10408037	SSF x Far_LoA	-9,41797914	0,096	0,314
CHR6	1E+07	CHR6:10409960	SSF x Far_LoA	-0,07149146	-0,155	0,295
CHR6	1E+07	CHR6:10410073	SSF x Far_LoA	-10,6304205	0,036	0,291
CHR6	1E+07	CHR6:10425116	SSF x Far_LoA	-7,89872276	-0,071	0,313
CHR6	1E+07	CHR6:10425147	SSF x Far_LoA	-8,58909651	-0,074	0,306
CHR6	1E+07	CHR6:10430461	SSF x Far_LoA	-6,96211194	0,140	0,307
CHR6	1E+07	CHR6:10432082	SSF x Far_LoA	-8,75761704	0,159	0,292
CHR6	1E+07	CHR6:10432178	SSF x Far_LoA	-6,63123708	0,166	0,300
CHR6	1E+07	CHR6:10437660	SSF x Far_LoA	-9,924087	0,067	0,301
CHR6	1E+07	CHR6:10437725	SSF x Far_LoA	-9,96485853	-0,030	0,306
CHR6	1E+07	CHR6:10437793	SSF x Far_LoA	-11,1912075	0,046	0,301
CHR6	1E+07	CHR6:10437828	SSF x Far_LoA	-7,10692042	0,018	0,308
CHR6	1E+07	CHR6:10437835	SSF x Far_LoA	-12,3855025	0,055	0,292
CHR6	1E+07	CHR6:10437857	SSF x Far_LoA	-7,82221051	0,121	0,302
CHR6	1E+07	CHR6:10443365	SSF x Far_LoA	-6,62977453	0,021	0,321
CHR6	1E+07	CHR6:10443493	SSF x Far_LoA	-10,9318516	-0,056	0,312
CHR6	1E+07	CHR6:10443510	SSF x Far_LoA	-9,67974023	0,091	0,303
CHR6	1E+07	CHR6:10443516	SSF x Far_LoA	-9,6800308	0,116	0,318
CHR6	1E+07	CHR6:10457334	SSF x Far_LoA	-9,50779264	-0,130	0,299
CHR6	1E+07	CHR6:10462420	SSF x Far_LoA	-10,0290021	0,029	0,303
CHR6	1E+07	CHR6:10462446	SSF x Far_LoA	-9,53004418	-0,098	0,288
CHR6	1E+07	CHR6:10462520	SSF x Far_LoA	-10,235375	-0,016	0,303
CHR6	1E+07	CHR6:10462560	SSF x Far_LoA	-11,9325489	0,037	0,312
CHR6	1E+07	CHR6:10462601	SSF x Far_LoA	-10,7141485	0,036	0,308
CHR6	1E+07	CHR6:10468877	SSF x Far_LoA	-8,92383127	-0,024	0,302
CHR6	1E+07	CHR6:10468911	SSF x Far_LoA	-10,6545697	0,059	0,304
CHR6	1E+07	CHR6:10468914	SSF x Far_LoA	-8,23679382	-0,077	0,305
CHR6	1E+07	CHR6:10471230	SSF x Far_LoA	-11,6550445	-0,089	0,303
CHR6	1E+07	CHR6:10471317	SSF x Far_LoA	-9,2564102	0,093	0,299
CHR6	1E+07	CHR6:10484140	SSF x Far_LoA	-9,48815365	0,073	0,306
CHR6	1E+07	CHR6:10484143	SSF x Far_LoA	-7,66397958	-0,078	0,315
CHR6	1E+07	CHR6:10484220	SSF x Far_LoA	-8,52263822	0,005	0,312
CHR6	1E+07	CHR6:10498351	SSF x Far_LoA	-12,0375431	-0,065	0,313
CHR6	10505208	CHR6:10505208	SSF x Far_LoA	-9,06111584	0,061	0,287
CHR6	10522391	CHR6:10522391	SSF x Far_LoA	-9,76178611	-0,039	0,307
CHR6	10535055	CHR6:10535055	SSF x Far_LoA	-9,02190528	-0,058	0,315
CHR6	10535277	CHR6:10535277	SSF x Far_LoA	-10,9476941	0,129	0,303
CHR6	10535296	CHR6:10535296	SSF x Far_LoA	-9,0381738	0,104	0,305
CHR6	10537263	CHR6:10537263	SSF x Far_LoA	-12,7882514	0,003	0,290
CHR6	10537297	CHR6:10537297	SSF x Far_LoA	-8,81115124	-0,062	0,300
CHR6	10546431	CHR6:10546431	SSF x Far_LoA	-7,91504753	0,029	0,309
CHR6	10558996	CHR6:10558996	SSF x Far_LoA	-8,96783368	-0,067	0,309

CHR6	10559047	CHR6:10559047	SSF x Far_LoA	-5,59875815	-0,190	0,298
CHR6	10559115	CHR6:10559115	SSF x Far_LoA	-10,1642652	-0,048	0,302
CHR6	10559140	CHR6:10559140	SSF x Far_LoA	-11,2435166	0,041	0,304
CHR6	10559167	CHR6:10559167	SSF x Far_LoA	-9,44920138	0,028	0,302
CHR6	10561809	CHR6:10561809	SSF x Far_LoA	-7,98072315	0,125	0,313
CHR6	10561982	CHR6:10561982	SSF x Far_LoA	-10,9320624	-0,018	0,311
CHR6	10574522	CHR6:10574522	SSF x Far_LoA	-8,67350663	-0,112	0,312
CHR6	10578672	CHR6:10578672	SSF x Far_LoA	3,02681971	0,217	0,294
CHR6	10581603	CHR6:10581603	SSF x Far_LoA	-7,87650116	0,120	0,310
CHR6	10606089	CHR6:10606089	SSF x Far_LoA	-8,71054426	0,013	0,291
CHR6	10606109	CHR6:10606109	SSF x Far_LoA	-8,2028564	-0,101	0,296
CHR6	10606163	CHR6:10606163	SSF x Far_LoA	-9,07245059	0,068	0,301
CHR6	10607925	CHR6:10607925	SSF x Far_LoA	-9,0146949	0,070	0,307
CHR6	10608161	CHR6:10608161	SSF x Far_LoA	-8,4792062	0,011	0,309
CHR6	10612565	CHR6:10612565	SSF x Far_LoA	-8,27686265	0,035	0,301
CHR6	10614543	CHR6:10614543	SSF x Far_LoA	-10,1323974	-0,039	0,306
CHR6	10616145	CHR6:10616145	SSF x Far_LoA	-10,294857	-0,121	0,301
CHR6	10616151	CHR6:10616151	SSF x Far_LoA	-8,55232595	0,029	0,316
CHR6	10616217	CHR6:10616217	SSF x Far_LoA	-9,43229604	0,015	0,304
CHR6	10616218	CHR6:10616218	SSF x Far_LoA	-6,90324462	0,083	0,290
CHR6	10616233	CHR6:10616233	SSF x Far_LoA	-6,4906981	0,025	0,316
CHR6	10616274	CHR6:10616274	SSF x Far_LoA	-8,95004326	-0,114	0,309
CHR6	10616286	CHR6:10616286	SSF x Far_LoA	-8,16089848	0,121	0,308
CHR6	10616290	CHR6:10616290	SSF x Far_LoA	-10,0912581	0,070	0,308
CHR6	10616294	CHR6:10616294	SSF x Far_LoA	-9,16873621	-0,136	0,311
CHR6	10616310	CHR6:10616310	SSF x Far_LoA	-8,16186701	0,084	0,308
CHR6	10616316	CHR6:10616316	SSF x Far_LoA	-8,5530159	0,059	0,306
CHR6	10621184	CHR6:10621184	SSF x Far_LoA	-11,8464945	-0,020	0,304
CHR6	10621237	CHR6:10621237	SSF x Far_LoA	-8,80245037	-0,072	0,296
CHR6	10621434	CHR6:10621434	SSF x Far_LoA	-8,33630088	-0,080	0,305
CHR6	10623417	CHR6:10623417	SSF x Far_LoA	-9,55084864	-0,032	0,309
CHR6	10623421	CHR6:10623421	SSF x Far_LoA	-10,0029503	0,003	0,317
CHR6	10623447	CHR6:10623447	SSF x Far_LoA	-10,6774514	-0,105	0,295
CHR6	10623498	CHR6:10623498	SSF x Far_LoA	-9,53774881	-0,063	0,293
CHR6	10623527	CHR6:10623527	SSF x Far_LoA	-9,60813612	-0,091	0,316
CHR6	10623545	CHR6:10623545	SSF x Far_LoA	-9,25698313	-0,071	0,297
CHR6	10623576	CHR6:10623576	SSF x Far_LoA	-10,7940892	0,009	0,309
CHR6	10623604	CHR6:10623604	SSF x Far_LoA	-10,0132608	-0,028	0,316
CHR6	10626020	CHR6:10626020	SSF x Far_LoA	-9,83990981	0,007	0,316
CHR6	10632183	CHR6:10632183	SSF x Far_LoA	-9,3785796	-0,038	0,297
CHR6	10632212	CHR6:10632212	SSF x Far_LoA	-10,1596435	0,120	0,291
CHR6	10634292	CHR6:10634292	SSF x Far_LoA	-7,57990195	0,093	0,313
CHR6	10644894	CHR6:10644894	SSF x Far_LoA	-4,56277031	-0,072	0,294
CHR6	10644948	CHR6:10644948	SSF x Far_LoA	-9,47400543	-0,063	0,299
CHR6	10644954	CHR6:10644954	SSF x Far_LoA	-12,134286	0,046	0,294
CHR6	10645140	CHR6:10645140	SSF x Far_LoA	-9,24085675	-0,004	0,307
CHR6	10648102	CHR6:10648102	SSF x Far_LoA	-8,64838889	0,004	0,295
CHR6	10648104	CHR6:10648104	SSF x Far_LoA	-10,9526467	0,020	0,302
CHR6	10648118	CHR6:10648118	SSF x Far_LoA	-11,5799109	0,007	0,303
CHR6	10648210	CHR6:10648210	SSF x Far_LoA	-9,34370221	0,020	0,302
CHR6	10648215	CHR6:10648215	SSF x Far_LoA	-8,63012824	0,031	0,314
CHR6	10669421	CHR6:10669421	SSF x Far_LoA	-9,31868571	-0,065	0,298
CHR6	10669509	CHR6:10669509	SSF x Far_LoA	-10,2134574	-0,024	0,300

CHR6	1068506	CHR6:1068506	SSF x Far_LoA	-8,69750375	-0,029	0,311
CHR6	1068529	CHR6:1068529	SSF x Far_LoA	-9,39568131	0,031	0,313
CHR6	1068531	CHR6:1068531	SSF x Far_LoA	-7,36850548	0,040	0,315
CHR6	1068559	CHR6:1068559	SSF x Far_LoA	-9,04608095	0,005	0,324
CHR6	10692227	CHR6:10692227	SSF x Far_LoA	-8,19301517	-0,038	0,305
CHR6	10692229	CHR6:10692229	SSF x Far_LoA	-9,02125106	-0,038	0,303
CHR6	10692263	CHR6:10692263	SSF x Far_LoA	-6,22055317	-0,024	0,305
CHR6	10697725	CHR6:10697725	SSF x Far_LoA	-8,33611324	0,157	0,279
CHR6	10699132	CHR6:10699132	SSF x Far_LoA	-10,5757783	-0,014	0,317
CHR6	10699196	CHR6:10699196	SSF x Far_LoA	-9,19527394	0,013	0,314
CHR6	10701125	CHR6:10701125	SSF x Far_LoA	-11,7000615	0,028	0,309
CHR6	10701161	CHR6:10701161	SSF x Far_LoA	-0,79287403	-0,126	0,302
CHR6	10701200	CHR6:10701200	SSF x Far_LoA	-11,0763921	-0,063	0,301
CHR6	10718065	CHR6:10718065	SSF x Far_LoA	-3,80834857	0,049	0,297
CHR6	10718162	CHR6:10718162	SSF x Far_LoA	-5,46139326	0,136	0,305
CHR6	10719140	CHR6:10719140	SSF x Far_LoA	-10,7114262	0,031	0,297
CHR6	10719147	CHR6:10719147	SSF x Far_LoA	-7,77587775	0,107	0,295
CHR6	10719168	CHR6:10719168	SSF x Far_LoA	-9,51590559	-0,037	0,306
CHR6	10719200	CHR6:10719200	SSF x Far_LoA	-9,14608167	-0,087	0,290
CHR6	10723028	CHR6:10723028	SSF x Far_LoA	-3,48044378	-0,050	0,303
CHR6	10723054	CHR6:10723054	SSF x Far_LoA	-8,70217416	-0,113	0,297
CHR6	10723057	CHR6:10723057	SSF x Far_LoA	-6,65969763	0,161	0,297
CHR6	10723227	CHR6:10723227	SSF x Far_LoA	-11,9833734	0,033	0,291
CHR6	107798	CHR6:107798	SSF x Far_LoA	-10,3832944	-0,053	0,305
CHR6	107881	CHR6:107881	SSF x Far_LoA	-2,20167719	-0,095	0,318
CHR6	107898	CHR6:107898	SSF x Far_LoA	-7,0484739	-0,123	0,309
CHR6	10801724	CHR6:10801724	SSF x Far_LoA	-9,0290844	0,007	0,318
CHR6	10820820	CHR6:10820820	SSF x Far_LoA	-9,88535058	-0,147	0,317
CHR6	10820829	CHR6:10820829	SSF x Far_LoA	-8,87106606	-0,002	0,298
CHR6	10820953	CHR6:10820953	SSF x Far_LoA	-8,39309491	-0,087	0,302
CHR6	10820983	CHR6:10820983	SSF x Far_LoA	-8,63984966	-0,051	0,307
CHR6	10821052	CHR6:10821052	SSF x Far_LoA	-8,82930704	-0,021	0,307
CHR6	10828793	CHR6:10828793	SSF x Far_LoA	15,1843152	0,090	0,300
CHR6	10828867	CHR6:10828867	SSF x Far_LoA	-6,7140316	-0,163	0,287
CHR6	10828868	CHR6:10828868	SSF x Far_LoA	-6,47524849	-0,160	0,285
CHR6	10828873	CHR6:10828873	SSF x Far_LoA	-9,40391898	0,073	0,294
CHR6	10828891	CHR6:10828891	SSF x Far_LoA	-9,58058713	-0,163	0,296
CHR6	10828897	CHR6:10828897	SSF x Far_LoA	-9,22165465	0,021	0,316
CHR6	10828914	CHR6:10828914	SSF x Far_LoA	-9,74678309	0,014	0,302
CHR6	10829214	CHR6:10829214	SSF x Far_LoA	-8,97083667	0,077	0,288
CHR6	10829227	CHR6:10829227	SSF x Far_LoA	-8,49440594	-0,006	0,305
CHR6	10829265	CHR6:10829265	SSF x Far_LoA	-9,17950186	0,018	0,308
CHR6	10829332	CHR6:10829332	SSF x Far_LoA	-9,70673343	-0,043	0,305
CHR6	10851265	CHR6:10851265	SSF x Far_LoA	-8,15429779	-0,042	0,310
CHR6	10851269	CHR6:10851269	SSF x Far_LoA	-9,16688811	-0,009	0,311
CHR6	10851282	CHR6:10851282	SSF x Far_LoA	-8,42695397	0,004	0,304
CHR6	10851352	CHR6:10851352	SSF x Far_LoA	-8,81442763	-0,081	0,302
CHR6	10865635	CHR6:10865635	SSF x Far_LoA	-10,8915355	-0,049	0,314
CHR6	10865680	CHR6:10865680	SSF x Far_LoA	-6,44018932	-0,079	0,318
CHR6	10865731	CHR6:10865731	SSF x Far_LoA	-7,56972046	0,083	0,307
CHR6	10865790	CHR6:10865790	SSF x Far_LoA	-8,20607791	0,026	0,306
CHR6	10865792	CHR6:10865792	SSF x Far_LoA	-8,79215769	0,084	0,303
CHR6	10865796	CHR6:10865796	SSF x Far_LoA	-3,89910109	-0,061	0,303

CHR6	10865827	CHR6:10865827	SSF x Far_LoA	-9,46325629	0,025	0,300
CHR6	10869503	CHR6:10869503	SSF x Far_LoA	-10,1493904	0,072	0,315
CHR6	10869524	CHR6:10869524	SSF x Far_LoA	-10,4228559	-0,071	0,309
CHR6	10869558	CHR6:10869558	SSF x Far_LoA	-10,2692724	-0,001	0,291
CHR6	10869668	CHR6:10869668	SSF x Far_LoA	-3,23226934	-0,035	0,305
CHR6	10869702	CHR6:10869702	SSF x Far_LoA	-10,9851844	-0,099	0,300
CHR6	10869740	CHR6:10869740	SSF x Far_LoA	-6,09561365	0,218	0,291
CHR6	10869786	CHR6:10869786	SSF x Far_LoA	-4,54245079	0,194	0,296
CHR6	10869790	CHR6:10869790	SSF x Far_LoA	-9,18462347	-0,085	0,309
CHR6	10869818	CHR6:10869818	SSF x Far_LoA	-9,61489835	0,087	0,304
CHR6	10871687	CHR6:10871687	SSF x Far_LoA	-6,55834399	-0,122	0,308
CHR6	10871710	CHR6:10871710	SSF x Far_LoA	-8,68870321	0,070	0,302
CHR6	10871756	CHR6:10871756	SSF x Far_LoA	-11,682458	0,070	0,295
CHR6	10875908	CHR6:10875908	SSF x Far_LoA	-8,87828028	-0,008	0,316
CHR6	10875983	CHR6:10875983	SSF x Far_LoA	-9,89996129	0,078	0,306
CHR6	10889929	CHR6:10889929	SSF x Far_LoA	-9,20475939	-0,028	0,312
CHR6	10889980	CHR6:10889980	SSF x Far_LoA	-11,2109087	-0,034	0,305
CHR6	10890021	CHR6:10890021	SSF x Far_LoA	-11,4935879	-0,022	0,317
CHR6	10892231	CHR6:10892231	SSF x Far_LoA	-10,9928335	0,096	0,300
CHR6	10892308	CHR6:10892308	SSF x Far_LoA	-11,0948342	-0,010	0,309
CHR6	10892346	CHR6:10892346	SSF x Far_LoA	-9,09765537	0,016	0,319
CHR6	1089242	CHR6:1089242	SSF x Far_LoA	-11,7678189	0,050	0,295
CHR6	10892443	CHR6:10892443	SSF x Far_LoA	-9,53833967	-0,008	0,307
CHR6	1089292	CHR6:1089292	SSF x Far_LoA	-9,04105106	0,072	0,314
CHR6	1089304	CHR6:1089304	SSF x Far_LoA	-5,96652833	0,078	0,318
CHR6	1089305	CHR6:1089305	SSF x Far_LoA	-1,60902129	0,084	0,312
CHR6	1089413	CHR6:1089413	SSF x Far_LoA	-11,8463649	-0,016	0,305
CHR6	10901556	CHR6:10901556	SSF x Far_LoA	-7,73710533	0,152	0,276
CHR6	10901574	CHR6:10901574	SSF x Far_LoA	-6,54825733	-0,069	0,317
CHR6	10901591	CHR6:10901591	SSF x Far_LoA	-7,29269112	0,117	0,294
CHR6	10901596	CHR6:10901596	SSF x Far_LoA	-4,74872801	0,182	0,289
CHR6	10901660	CHR6:10901660	SSF x Far_LoA	-9,61004764	-0,007	0,312
CHR6	10912176	CHR6:10912176	SSF x Far_LoA	-10,8013438	-0,009	0,303
CHR6	10912347	CHR6:10912347	SSF x Far_LoA	-8,71405847	0,071	0,311
CHR6	10939950	CHR6:10939950	SSF x Far_LoA	-7,28729707	0,078	0,300
CHR6	10939966	CHR6:10939966	SSF x Far_LoA	-8,54863062	0,057	0,314
CHR6	10940518	CHR6:10940518	SSF x Far_LoA	-9,03879047	-0,089	0,301
CHR6	10940551	CHR6:10940551	SSF x Far_LoA	-7,25211215	0,117	0,312
CHR6	10942020	CHR6:10942020	SSF x Far_LoA	-10,7142209	0,048	0,313
CHR6	10942060	CHR6:10942060	SSF x Far_LoA	-11,4150614	0,032	0,295
CHR6	10942070	CHR6:10942070	SSF x Far_LoA	-9,42770826	-0,090	0,313
CHR6	10942086	CHR6:10942086	SSF x Far_LoA	-12,2497907	0,047	0,293
CHR6	1094315	CHR6:1094315	SSF x Far_LoA	-11,8887722	-0,001	0,306
CHR6	1094319	CHR6:1094319	SSF x Far_LoA	-10,0433292	0,028	0,318
CHR6	1094347	CHR6:1094347	SSF x Far_LoA	-6,31323888	0,117	0,311
CHR6	10944289	CHR6:10944289	SSF x Far_LoA	-9,85165741	-0,034	0,297
CHR6	10944315	CHR6:10944315	SSF x Far_LoA	-6,73414662	-0,086	0,307
CHR6	10954346	CHR6:10954346	SSF x Far_LoA	-7,68064334	-0,156	0,302
CHR6	10954829	CHR6:10954829	SSF x Far_LoA	-10,4979582	-0,011	0,306
CHR6	10957113	CHR6:10957113	SSF x Far_LoA	-4,56057425	0,016	0,303
CHR6	1095872	CHR6:1095872	SSF x Far_LoA	-7,97199444	0,027	0,297
CHR6	1095911	CHR6:1095911	SSF x Far_LoA	-6,38971887	-0,198	0,288
CHR6	10962869	CHR6:10962869	SSF x Far_LoA	3,18999319	0,071	0,318

CHR6	10962877	CHR6:10962877	SSF x Far_LoA	-7,80397404	0,079	0,301
CHR6	10962955	CHR6:10962955	SSF x Far_LoA	-8,08286061	0,146	0,309
CHR6	10963077	CHR6:10963077	SSF x Far_LoA	-10,5186494	-0,108	0,309
CHR6	10981872	CHR6:10981872	SSF x Far_LoA	-10,3852557	0,047	0,301
CHR6	10983444	CHR6:10983444	SSF x Far_LoA	-10,8540682	-0,008	0,313
CHR6	10983478	CHR6:10983478	SSF x Far_LoA	-10,1957385	0,063	0,316
CHR6	10983507	CHR6:10983507	SSF x Far_LoA	-10,1746858	-0,012	0,305
CHR6	10983548	CHR6:10983548	SSF x Far_LoA	-9,88163216	-0,085	0,307
CHR6	10983557	CHR6:10983557	SSF x Far_LoA	-9,05998624	0,084	0,312
CHR6	10983579	CHR6:10983579	SSF x Far_LoA	-9,46829744	0,063	0,301
CHR6	10987316	CHR6:10987316	SSF x Far_LoA	-7,60106068	0,111	0,301
CHR6	11005037	CHR6:11005037	SSF x Far_LoA	-5,66510201	0,117	0,303
CHR6	11005131	CHR6:11005131	SSF x Far_LoA	-8,95867808	-0,097	0,310
CHR6	11008145	CHR6:11008145	SSF x Far_LoA	-6,63414742	-0,020	0,304
CHR6	11008147	CHR6:11008147	SSF x Far_LoA	-8,80543472	-0,035	0,299
CHR6	11008177	CHR6:11008177	SSF x Far_LoA	-9,64483771	0,172	0,292
CHR6	11011203	CHR6:11011203	SSF x Far_LoA	-12,101841	0,040	0,298
CHR6	11016149	CHR6:11016149	SSF x Far_LoA	-9,41880044	-0,032	0,307
CHR6	11016176	CHR6:11016176	SSF x Far_LoA	-8,41091469	-0,129	0,299
CHR6	11016241	CHR6:11016241	SSF x Far_LoA	-8,03171637	0,034	0,312
CHR6	11016954	CHR6:11016954	SSF x Far_LoA	-9,41316013	-0,004	0,308
CHR6	11016992	CHR6:11016992	SSF x Far_LoA	-9,11307767	0,059	0,295
CHR6	11020734	CHR6:11020734	SSF x Far_LoA	-11,5228307	-0,033	0,323
CHR6	11020736	CHR6:11020736	SSF x Far_LoA	-11,8018173	-0,036	0,308
CHR6	11021447	CHR6:11021447	SSF x Far_LoA	-6,97326603	-0,096	0,301
CHR6	11021454	CHR6:11021454	SSF x Far_LoA	-8,04763868	-0,100	0,306
CHR6	11021560	CHR6:11021560	SSF x Far_LoA	-7,3000018	-0,069	0,304
CHR6	11050107	CHR6:11050107	SSF x Far_LoA	-10,7238758	0,094	0,307
CHR6	11050165	CHR6:11050165	SSF x Far_LoA	-6,56501045	-0,035	0,314
CHR6	11050166	CHR6:11050166	SSF x Far_LoA	-7,55338908	-0,035	0,311
CHR6	11050168	CHR6:11050168	SSF x Far_LoA	-9,33866825	-0,048	0,292
CHR6	11072264	CHR6:11072264	SSF x Far_LoA	-9,75917521	0,028	0,317
CHR6	1109368	CHR6:1109368	SSF x Far_LoA	-11,6352503	-0,011	0,305
CHR6	1109373	CHR6:1109373	SSF x Far_LoA	-2,7059792	-0,103	0,306
CHR6	11097417	CHR6:11097417	SSF x Far_LoA	-11,0111671	-0,092	0,307
CHR6	11097698	CHR6:11097698	SSF x Far_LoA	-10,4348886	-0,065	0,316
CHR6	11110565	CHR6:11110565	SSF x Far_LoA	-10,1934017	-0,017	0,309
CHR6	11110595	CHR6:11110595	SSF x Far_LoA	-9,93514819	0,094	0,299
CHR6	11110597	CHR6:11110597	SSF x Far_LoA	-11,5517727	0,051	0,294
CHR6	11110642	CHR6:11110642	SSF x Far_LoA	-8,83101915	-0,107	0,299
CHR6	11110715	CHR6:11110715	SSF x Far_LoA	-10,6571362	-0,024	0,313
CHR6	11110725	CHR6:11110725	SSF x Far_LoA	-10,654374	0,041	0,306
CHR6	11110783	CHR6:11110783	SSF x Far_LoA	-9,99655201	-0,044	0,303
CHR6	11120911	CHR6:11120911	SSF x Far_LoA	-11,2627963	-0,056	0,304
CHR6	11124096	CHR6:11124096	SSF x Far_LoA	-10,097507	-0,114	0,310
CHR6	11124112	CHR6:11124112	SSF x Far_LoA	-9,70568605	-0,029	0,311
CHR6	11124157	CHR6:11124157	SSF x Far_LoA	-10,6112211	-0,112	0,303
CHR6	11124178	CHR6:11124178	SSF x Far_LoA	-9,41650853	-0,132	0,297
CHR6	11131224	CHR6:11131224	SSF x Far_LoA	-9,85861828	0,000	0,304
CHR6	11131424	CHR6:11131424	SSF x Far_LoA	-10,4174893	-0,058	0,299
CHR6	11139427	CHR6:11139427	SSF x Far_LoA	-10,541661	0,028	0,315
CHR6	1113957	CHR6:1113957	SSF x Far_LoA	-10,3581369	0,001	0,314
CHR6	1114076	CHR6:1114076	SSF x Far_LoA	-7,99443406	0,059	0,299

CHR6	11151299	CHR6:11151299	SSF x Far_LoA	-9,54258124	-0,041	0,310
CHR6	11168778	CHR6:11168778	SSF x Far_LoA	-11,5110144	0,037	0,302
CHR6	11169261	CHR6:11169261	SSF x Far_LoA	-8,86951426	0,001	0,320
CHR6	11169287	CHR6:11169287	SSF x Far_LoA	-10,283542	0,136	0,305
CHR6	11169351	CHR6:11169351	SSF x Far_LoA	-8,02928753	-0,030	0,308
CHR6	11174827	CHR6:11174827	SSF x Far_LoA	-8,45853555	-0,076	0,295
CHR6	11176097	CHR6:11176097	SSF x Far_LoA	-7,60059704	-0,097	0,321
CHR6	11178249	CHR6:11178249	SSF x Far_LoA	-11,1168072	0,026	0,305
CHR6	11178269	CHR6:11178269	SSF x Far_LoA	-9,831279	-0,004	0,319
CHR6	11178330	CHR6:11178330	SSF x Far_LoA	-9,20136224	-0,032	0,318
CHR6	1118158	CHR6:1118158	SSF x Far_LoA	-7,27831403	-0,089	0,308
CHR6	1118159	CHR6:1118159	SSF x Far_LoA	-7,67169381	-0,081	0,308
CHR6	1118215	CHR6:1118215	SSF x Far_LoA	-11,0569898	0,008	0,314
CHR6	1118288	CHR6:1118288	SSF x Far_LoA	-10,082044	0,104	0,298
CHR6	1118316	CHR6:1118316	SSF x Far_LoA	-0,11457536	0,008	0,319
CHR6	11202235	CHR6:11202235	SSF x Far_LoA	-7,32272111	0,039	0,300
CHR6	11202244	CHR6:11202244	SSF x Far_LoA	-8,10478684	-0,021	0,302
CHR6	11202247	CHR6:11202247	SSF x Far_LoA	-8,58250264	0,032	0,301
CHR6	11202281	CHR6:11202281	SSF x Far_LoA	-8,5269743	-0,029	0,314
CHR6	11202288	CHR6:11202288	SSF x Far_LoA	-9,31710301	0,014	0,305
CHR6	11202302	CHR6:11202302	SSF x Far_LoA	-8,62288046	0,002	0,317
CHR6	11202309	CHR6:11202309	SSF x Far_LoA	-8,50351926	0,027	0,310
CHR6	11202310	CHR6:11202310	SSF x Far_LoA	-8,27820432	-0,024	0,309
CHR6	11202338	CHR6:11202338	SSF x Far_LoA	-9,82602717	-0,095	0,300
CHR6	11202377	CHR6:11202377	SSF x Far_LoA	-9,33236128	-0,001	0,302
CHR6	11202379	CHR6:11202379	SSF x Far_LoA	-7,82275117	0,013	0,300
CHR6	11202392	CHR6:11202392	SSF x Far_LoA	-10,0797813	0,041	0,286
CHR6	11202398	CHR6:11202398	SSF x Far_LoA	-9,66562909	0,006	0,306
CHR6	11202400	CHR6:11202400	SSF x Far_LoA	-10,90014	0,003	0,301
CHR6	11202408	CHR6:11202408	SSF x Far_LoA	-9,96566977	-0,019	0,304
CHR6	11202413	CHR6:11202413	SSF x Far_LoA	-9,07568088	0,008	0,302
CHR6	11202425	CHR6:11202425	SSF x Far_LoA	-9,34638648	0,009	0,307
CHR6	11202440	CHR6:11202440	SSF x Far_LoA	-9,11935856	0,041	0,322
CHR6	11202462	CHR6:11202462	SSF x Far_LoA	-8,64107923	0,061	0,305
CHR6	11226040	CHR6:11226040	SSF x Far_LoA	-9,48450664	-0,072	0,302
CHR6	11226041	CHR6:11226041	SSF x Far_LoA	-6,06307985	-0,152	0,311
CHR6	11226057	CHR6:11226057	SSF x Far_LoA	-8,6658851	-0,078	0,306
CHR6	11226231	CHR6:11226231	SSF x Far_LoA	-10,1000972	-0,042	0,305
CHR6	11226246	CHR6:11226246	SSF x Far_LoA	-12,0285051	-0,003	0,301
CHR6	11230781	CHR6:11230781	SSF x Far_LoA	-10,924606	0,071	0,308
CHR6	11249839	CHR6:11249839	SSF x Far_LoA	-8,16203683	-0,018	0,309
CHR6	11249842	CHR6:11249842	SSF x Far_LoA	-8,75876079	0,145	0,296
CHR6	11249877	CHR6:11249877	SSF x Far_LoA	-10,3251258	-0,022	0,311
CHR6	11249914	CHR6:11249914	SSF x Far_LoA	-7,66087155	0,112	0,308
CHR6	11256871	CHR6:11256871	SSF x Far_LoA	-10,7743075	0,083	0,304
CHR6	11259426	CHR6:11259426	SSF x Far_LoA	-8,28706082	-0,054	0,317
CHR6	11259463	CHR6:11259463	SSF x Far_LoA	-9,70264131	-0,009	0,321
CHR6	11265953	CHR6:11265953	SSF x Far_LoA	-10,5577714	-0,050	0,296
CHR6	11265964	CHR6:11265964	SSF x Far_LoA	-6,89041074	0,136	0,294
CHR6	11265971	CHR6:11265971	SSF x Far_LoA	-8,26109513	0,003	0,325
CHR6	11266021	CHR6:11266021	SSF x Far_LoA	-8,21680582	0,153	0,300
CHR6	1126664	CHR6:1126664	SSF x Far_LoA	-10,496209	-0,015	0,311
CHR6	11276167	CHR6:11276167	SSF x Far_LoA	-9,18696195	0,065	0,312

CHR6	11276206	CHR6:11276206	SSF x Far_LoA	-11,8215438	-0,045	0,303
CHR6	11280037	CHR6:11280037	SSF x Far_LoA	-9,73631082	0,081	0,303
CHR6	11288136	CHR6:11288136	SSF x Far_LoA	-9,62034803	0,006	0,298
CHR6	11288336	CHR6:11288336	SSF x Far_LoA	-8,50212419	0,007	0,321
CHR6	11296558	CHR6:11296558	SSF x Far_LoA	-8,37207879	0,140	0,305
CHR6	11296738	CHR6:11296738	SSF x Far_LoA	-11,9963117	0,016	0,301
CHR6	11296749	CHR6:11296749	SSF x Far_LoA	-10,7244076	0,045	0,301
CHR6	11296754	CHR6:11296754	SSF x Far_LoA	-9,93119956	-0,040	0,307
CHR6	11304737	CHR6:11304737	SSF x Far_LoA	-11,252401	0,068	0,298
CHR6	11304776	CHR6:11304776	SSF x Far_LoA	-10,9911966	0,030	0,302
CHR6	11304792	CHR6:11304792	SSF x Far_LoA	-7,59993398	-0,042	0,306
CHR6	11304855	CHR6:11304855	SSF x Far_LoA	-9,59538414	-0,053	0,320
CHR6	11304893	CHR6:11304893	SSF x Far_LoA	-6,46537323	0,088	0,322
CHR6	11320137	CHR6:11320137	SSF x Far_LoA	-7,58262551	0,102	0,313
CHR6	11320151	CHR6:11320151	SSF x Far_LoA	-11,0145458	-0,111	0,307
CHR6	11320225	CHR6:11320225	SSF x Far_LoA	-10,2265647	0,041	0,308
CHR6	11320230	CHR6:11320230	SSF x Far_LoA	-8,1981378	0,067	0,307
CHR6	11320237	CHR6:11320237	SSF x Far_LoA	-3,31250998	0,084	0,306
CHR6	11328201	CHR6:11328201	SSF x Far_LoA	-9,79189254	-0,151	0,304
CHR6	11331660	CHR6:11331660	SSF x Far_LoA	-7,7120602	0,094	0,319
CHR6	11331697	CHR6:11331697	SSF x Far_LoA	-10,7727512	0,023	0,299
CHR6	11331706	CHR6:11331706	SSF x Far_LoA	-7,93985843	-0,124	0,302
CHR6	11332773	CHR6:11332773	SSF x Far_LoA	-8,75747664	-0,013	0,310
CHR6	11332822	CHR6:11332822	SSF x Far_LoA	-10,6048816	-0,070	0,310
CHR6	11358744	CHR6:11358744	SSF x Far_LoA	-8,16687903	0,090	0,302
CHR6	11358946	CHR6:11358946	SSF x Far_LoA	-10,9038462	-0,035	0,305
CHR6	11358981	CHR6:11358981	SSF x Far_LoA	-11,1471247	0,020	0,303
CHR6	11375833	CHR6:11375833	SSF x Far_LoA	-9,00794633	-0,003	0,302
CHR6	11375926	CHR6:11375926	SSF x Far_LoA	-8,08154494	-0,028	0,315
CHR6	11375973	CHR6:11375973	SSF x Far_LoA	-8,5198339	0,114	0,300
CHR6	1138883	CHR6:1138883	SSF x Far_LoA	-11,0942428	0,017	0,312
CHR6	1138918	CHR6:1138918	SSF x Far_LoA	-9,72983082	-0,118	0,310
CHR6	1138927	CHR6:1138927	SSF x Far_LoA	-11,4726566	-0,047	0,315
CHR6	11398501	CHR6:11398501	SSF x Far_LoA	-8,53560863	0,020	0,301
CHR6	11398531	CHR6:11398531	SSF x Far_LoA	-8,13650808	0,033	0,318
CHR6	11407451	CHR6:11407451	SSF x Far_LoA	-9,41686861	0,113	0,307
CHR6	11427400	CHR6:11427400	SSF x Far_LoA	-8,5822591	-0,090	0,297
CHR6	11427579	CHR6:11427579	SSF x Far_LoA	-11,4469432	-0,027	0,319
CHR6	11445830	CHR6:11445830	SSF x Far_LoA	-10,1370973	-0,013	0,303
CHR6	11445880	CHR6:11445880	SSF x Far_LoA	-7,74122784	-0,035	0,311
CHR6	11445929	CHR6:11445929	SSF x Far_LoA	-9,53898494	-0,013	0,308
CHR6	11445932	CHR6:11445932	SSF x Far_LoA	-7,42053117	-0,012	0,320
CHR6	11445948	CHR6:11445948	SSF x Far_LoA	-10,9197913	0,028	0,305
CHR6	11445958	CHR6:11445958	SSF x Far_LoA	-8,82740734	-0,002	0,303
CHR6	11446953	CHR6:11446953	SSF x Far_LoA	-8,68861567	0,044	0,312
CHR6	11456797	CHR6:11456797	SSF x Far_LoA	-9,30513163	0,001	0,282
CHR6	11456875	CHR6:11456875	SSF x Far_LoA	-8,77614471	0,060	0,305
CHR6	11456918	CHR6:11456918	SSF x Far_LoA	-6,26020839	-0,144	0,304
CHR6	11456940	CHR6:11456940	SSF x Far_LoA	-10,0436944	-0,010	0,298
CHR6	11456947	CHR6:11456947	SSF x Far_LoA	-10,2641051	0,056	0,299
CHR6	11456993	CHR6:11456993	SSF x Far_LoA	-8,89777416	0,081	0,301
CHR6	11457009	CHR6:11457009	SSF x Far_LoA	-10,0588487	0,090	0,303
CHR6	11457021	CHR6:11457021	SSF x Far_LoA	-10,5001464	0,128	0,280

CHR6	11457044	CHR6:11457044	SSF x Far_LoA	-6,28239799	0,096	0,297
CHR6	114720	CHR6:114720	SSF x Far_LoA	-8,63037109	-0,135	0,300
CHR6	114734	CHR6:114734	SSF x Far_LoA	-9,89185036	-0,125	0,286
CHR6	114859	CHR6:114859	SSF x Far_LoA	-4,85890584	-0,213	0,300
CHR6	11488228	CHR6:11488228	SSF x Far_LoA	-8,5874553	0,099	0,305
CHR6	1149099	CHR6:1149099	SSF x Far_LoA	-10,0163632	-0,027	0,323
CHR6	11505538	CHR6:11505538	SSF x Far_LoA	-8,55325909	-0,128	0,307
CHR6	11520896	CHR6:11520896	SSF x Far_LoA	-11,2676198	-0,034	0,311
CHR6	11521046	CHR6:11521046	SSF x Far_LoA	-10,9982194	-0,043	0,303
CHR6	11523440	CHR6:11523440	SSF x Far_LoA	-9,33571118	-0,047	0,295
CHR6	11523453	CHR6:11523453	SSF x Far_LoA	-10,1023571	-0,029	0,298
CHR6	1153991	CHR6:1153991	SSF x Far_LoA	-11,0275621	-0,067	0,315
CHR6	1154032	CHR6:1154032	SSF x Far_LoA	-7,97130112	-0,123	0,311
CHR6	1154044	CHR6:1154044	SSF x Far_LoA	-10,5714731	-0,091	0,313
CHR6	1154059	CHR6:1154059	SSF x Far_LoA	-10,1311239	-0,074	0,320
CHR6	1154062	CHR6:1154062	SSF x Far_LoA	-8,41188287	-0,025	0,314
CHR6	11542882	CHR6:11542882	SSF x Far_LoA	-6,17298099	-0,183	0,295
CHR6	11542888	CHR6:11542888	SSF x Far_LoA	-7,83127255	0,105	0,307
CHR6	11542915	CHR6:11542915	SSF x Far_LoA	-8,64541195	0,062	0,288
CHR6	11542943	CHR6:11542943	SSF x Far_LoA	-8,01023541	0,091	0,309
CHR6	11542948	CHR6:11542948	SSF x Far_LoA	-11,7140455	0,035	0,300
CHR6	11542968	CHR6:11542968	SSF x Far_LoA	-8,39553073	0,073	0,309
CHR6	11542996	CHR6:11542996	SSF x Far_LoA	1,79612455	0,094	0,317
CHR6	11542997	CHR6:11542997	SSF x Far_LoA	-10,5276033	0,054	0,297
CHR6	11543078	CHR6:11543078	SSF x Far_LoA	-10,1366684	0,046	0,303
CHR6	11543091	CHR6:11543091	SSF x Far_LoA	-9,94192051	0,054	0,306
CHR6	11543101	CHR6:11543101	SSF x Far_LoA	-9,98407269	0,057	0,311
CHR6	11552598	CHR6:11552598	SSF x Far_LoA	-9,01590467	0,003	0,319
CHR6	11552664	CHR6:11552664	SSF x Far_LoA	-8,69043231	-0,022	0,312
CHR6	11552681	CHR6:11552681	SSF x Far_LoA	-11,3476879	0,023	0,309
CHR6	11552757	CHR6:11552757	SSF x Far_LoA	-6,16831198	0,087	0,296
CHR6	11552766	CHR6:11552766	SSF x Far_LoA	-8,97398326	-0,058	0,301
CHR6	11552770	CHR6:11552770	SSF x Far_LoA	-10,9748613	0,000	0,303
CHR6	11568401	CHR6:11568401	SSF x Far_LoA	-10,7453891	0,038	0,305
CHR6	11568446	CHR6:11568446	SSF x Far_LoA	-10,7855418	0,088	0,306
CHR6	11568471	CHR6:11568471	SSF x Far_LoA	-11,0502564	0,109	0,295
CHR6	11568484	CHR6:11568484	SSF x Far_LoA	-10,606237	0,133	0,290
CHR6	11568487	CHR6:11568487	SSF x Far_LoA	-10,6311727	0,084	0,289
CHR6	11568498	CHR6:11568498	SSF x Far_LoA	-6,705374	0,094	0,301
CHR6	11591643	CHR6:11591643	SSF x Far_LoA	-9,02720934	0,017	0,306
CHR6	11591722	CHR6:11591722	SSF x Far_LoA	-7,26667428	0,086	0,315
CHR6	11591725	CHR6:11591725	SSF x Far_LoA	-3,56091221	-0,030	0,310
CHR6	11591823	CHR6:11591823	SSF x Far_LoA	-10,6409383	-0,025	0,316
CHR6	11591824	CHR6:11591824	SSF x Far_LoA	-9,85779365	0,075	0,309
CHR6	11591861	CHR6:11591861	SSF x Far_LoA	-4,79324733	0,043	0,309
CHR6	11591862	CHR6:11591862	SSF x Far_LoA	-9,83223007	-0,140	0,307
CHR6	11595273	CHR6:11595273	SSF x Far_LoA	-10,2961469	0,038	0,307
CHR6	11595307	CHR6:11595307	SSF x Far_LoA	-9,01163338	-0,009	0,295
CHR6	11595357	CHR6:11595357	SSF x Far_LoA	-12,0330392	-0,042	0,294
CHR6	11595361	CHR6:11595361	SSF x Far_LoA	-3,4660007	-0,011	0,305
CHR6	11595377	CHR6:11595377	SSF x Far_LoA	-9,69823846	-0,028	0,305
CHR6	11595379	CHR6:11595379	SSF x Far_LoA	-8,19176368	0,014	0,303
CHR6	11595392	CHR6:11595392	SSF x Far_LoA	-7,77326757	-0,067	0,312

CHR6	11595404	CHR6:11595404	SSF x Far_LoA	-10,1519986	0,057	0,319
CHR6	11595425	CHR6:11595425	SSF x Far_LoA	-11,3759503	-0,036	0,302
CHR6	11599157	CHR6:11599157	SSF x Far_LoA	-7,85215002	-0,089	0,317
CHR6	11599170	CHR6:11599170	SSF x Far_LoA	-10,0552581	-0,065	0,319
CHR6	11599177	CHR6:11599177	SSF x Far_LoA	-8,77671675	-0,108	0,299
CHR6	11599185	CHR6:11599185	SSF x Far_LoA	-10,4903853	0,013	0,309
CHR6	11605190	CHR6:11605190	SSF x Far_LoA	-8,55991059	0,002	0,309
CHR6	11606446	CHR6:11606446	SSF x Far_LoA	-5,72492779	0,072	0,312
CHR6	11612338	CHR6:11612338	SSF x Far_LoA	-4,7886446	-0,213	0,294
CHR6	11626571	CHR6:11626571	SSF x Far_LoA	-11,2780653	-0,054	0,290
CHR6	11632635	CHR6:11632635	SSF x Far_LoA	-11,8444451	0,084	0,289
CHR6	11635130	CHR6:11635130	SSF x Far_LoA	-10,1923432	0,009	0,311
CHR6	11640975	CHR6:11640975	SSF x Far_LoA	-10,4515952	-0,096	0,310
CHR6	11641075	CHR6:11641075	SSF x Far_LoA	-11,620498	0,027	0,318
CHR6	11641082	CHR6:11641082	SSF x Far_LoA	-10,5756811	0,055	0,307
CHR6	11641088	CHR6:11641088	SSF x Far_LoA	-9,38541266	-0,048	0,305
CHR6	11641124	CHR6:11641124	SSF x Far_LoA	-10,3396721	0,156	0,292
CHR6	11645399	CHR6:11645399	SSF x Far_LoA	-9,24531887	-0,033	0,302
CHR6	11645437	CHR6:11645437	SSF x Far_LoA	-9,35696153	0,023	0,306
CHR6	11645453	CHR6:11645453	SSF x Far_LoA	-9,10506685	-0,050	0,302
CHR6	11645562	CHR6:11645562	SSF x Far_LoA	-10,2973313	0,103	0,294
CHR6	11645575	CHR6:11645575	SSF x Far_LoA	-9,16035973	-0,072	0,302
CHR6	11645597	CHR6:11645597	SSF x Far_LoA	-6,92352657	-0,091	0,309
CHR6	11659531	CHR6:11659531	SSF x Far_LoA	-9,59795353	0,037	0,311
CHR6	11664701	CHR6:11664701	SSF x Far_LoA	-8,70202362	0,033	0,312
CHR6	11666562	CHR6:11666562	SSF x Far_LoA	-9,74847458	-0,003	0,301
CHR6	11666602	CHR6:11666602	SSF x Far_LoA	-8,32837621	0,060	0,304
CHR6	11666688	CHR6:11666688	SSF x Far_LoA	-9,83075752	0,051	0,306
CHR6	11666747	CHR6:11666747	SSF x Far_LoA	-9,26908243	-0,010	0,314
CHR6	11666792	CHR6:11666792	SSF x Far_LoA	-8,73921819	0,112	0,303
CHR6	11673674	CHR6:11673674	SSF x Far_LoA	-10,3763599	-0,105	0,298
CHR6	11679219	CHR6:11679219	SSF x Far_LoA	-7,87328617	-0,072	0,303
CHR6	11679292	CHR6:11679292	SSF x Far_LoA	-11,0826426	0,105	0,316
CHR6	11682632	CHR6:11682632	SSF x Far_LoA	-9,43579234	-0,062	0,299
CHR6	11682667	CHR6:11682667	SSF x Far_LoA	-10,965502	-0,034	0,313
CHR6	11682727	CHR6:11682727	SSF x Far_LoA	-8,91983229	-0,087	0,314
CHR6	11682855	CHR6:11682855	SSF x Far_LoA	-9,7245376	0,001	0,309
CHR6	11682873	CHR6:11682873	SSF x Far_LoA	-9,26821302	-0,023	0,299
CHR6	11686460	CHR6:11686460	SSF x Far_LoA	-9,8757724	0,113	0,313
CHR6	11686535	CHR6:11686535	SSF x Far_LoA	-8,11514478	0,162	0,289
CHR6	11695237	CHR6:11695237	SSF x Far_LoA	-9,11822223	0,127	0,306
CHR6	11695299	CHR6:11695299	SSF x Far_LoA	-10,1910193	0,082	0,313
CHR6	11705139	CHR6:11705139	SSF x Far_LoA	-10,100286	0,014	0,315
CHR6	11705158	CHR6:11705158	SSF x Far_LoA	-8,1230382	0,072	0,312
CHR6	11720514	CHR6:11720514	SSF x Far_LoA	-11,9451925	-0,037	0,298
CHR6	11720572	CHR6:11720572	SSF x Far_LoA	-6,92858872	-0,119	0,314
CHR6	11720577	CHR6:11720577	SSF x Far_LoA	-8,22740743	-0,122	0,302
CHR6	11720585	CHR6:11720585	SSF x Far_LoA	-9,8517024	0,012	0,296
CHR6	11720677	CHR6:11720677	SSF x Far_LoA	-8,84680441	0,023	0,317
CHR6	11720729	CHR6:11720729	SSF x Far_LoA	-9,21929067	0,025	0,311
CHR6	11729778	CHR6:11729778	SSF x Far_LoA	-9,25100587	0,003	0,291
CHR6	11736998	CHR6:11736998	SSF x Far_LoA	-8,99753931	0,009	0,321
CHR6	11737019	CHR6:11737019	SSF x Far_LoA	-8,38995551	-0,082	0,313

CHR6	11737049	CHR6:11737049	SSF x Far_LoA	-11,7283783	-0,022	0,306
CHR6	11737081	CHR6:11737081	SSF x Far_LoA	-6,10809803	0,142	0,288
CHR6	11737584	CHR6:11737584	SSF x Far_LoA	-9,45555697	0,038	0,304
CHR6	11737597	CHR6:11737597	SSF x Far_LoA	-10,3826274	0,008	0,317
CHR6	11754833	CHR6:11754833	SSF x Far_LoA	-8,92829819	0,043	0,312
CHR6	11754871	CHR6:11754871	SSF x Far_LoA	-8,09430448	0,137	0,293
CHR6	11754930	CHR6:11754930	SSF x Far_LoA	-8,73727213	0,098	0,301
CHR6	11754931	CHR6:11754931	SSF x Far_LoA	-9,13788099	0,091	0,305
CHR6	11754944	CHR6:11754944	SSF x Far_LoA	-8,04575274	0,124	0,289
CHR6	11754959	CHR6:11754959	SSF x Far_LoA	-7,11256723	0,110	0,300
CHR6	11756937	CHR6:11756937	SSF x Far_LoA	-9,63602888	0,128	0,297
CHR6	11757037	CHR6:11757037	SSF x Far_LoA	-8,76866812	-0,015	0,308
CHR6	11760669	CHR6:11760669	SSF x Far_LoA	-8,32805503	0,019	0,302
CHR6	11762305	CHR6:11762305	SSF x Far_LoA	-12,0128462	0,024	0,307
CHR6	11763805	CHR6:11763805	SSF x Far_LoA	-9,30048639	0,044	0,313
CHR6	11787617	CHR6:11787617	SSF x Far_LoA	-8,44074029	-0,028	0,297
CHR6	11787618	CHR6:11787618	SSF x Far_LoA	-10,7080861	-0,095	0,315
CHR6	11787727	CHR6:11787727	SSF x Far_LoA	-6,15974359	-0,151	0,323
CHR6	11787754	CHR6:11787754	SSF x Far_LoA	-7,50970978	0,125	0,295
CHR6	11797571	CHR6:11797571	SSF x Far_LoA	-8,6786934	-0,184	0,304
CHR6	11797604	CHR6:11797604	SSF x Far_LoA	-11,7517357	0,104	0,298
CHR6	11797656	CHR6:11797656	SSF x Far_LoA	-7,63196365	0,151	0,291
CHR6	11797661	CHR6:11797661	SSF x Far_LoA	-8,72673555	-0,173	0,310
CHR6	11797712	CHR6:11797712	SSF x Far_LoA	-9,58689547	0,010	0,307
CHR6	11797734	CHR6:11797734	SSF x Far_LoA	-11,4264944	-0,006	0,305
CHR6	11797745	CHR6:11797745	SSF x Far_LoA	-7,77721107	0,123	0,306
CHR6	11797760	CHR6:11797760	SSF x Far_LoA	-6,812136	0,155	0,291
CHR6	11797771	CHR6:11797771	SSF x Far_LoA	-3,89614082	-0,102	0,304
CHR6	118013	CHR6:118013	SSF x Far_LoA	-10,6347798	-0,044	0,317
CHR6	118016	CHR6:118016	SSF x Far_LoA	-8,04479358	0,150	0,299
CHR6	11802914	CHR6:11802914	SSF x Far_LoA	-9,95404456	-0,016	0,306
CHR6	11802931	CHR6:11802931	SSF x Far_LoA	-10,177477	-0,076	0,302
CHR6	11802934	CHR6:11802934	SSF x Far_LoA	6,48516637	-0,109	0,305
CHR6	118038	CHR6:118038	SSF x Far_LoA	-8,70797149	0,024	0,303
CHR6	11812448	CHR6:11812448	SSF x Far_LoA	-9,27702593	0,060	0,317
CHR6	11812494	CHR6:11812494	SSF x Far_LoA	-7,47602563	-0,161	0,296
CHR6	11812508	CHR6:11812508	SSF x Far_LoA	-11,3638268	0,001	0,303
CHR6	11819972	CHR6:11819972	SSF x Far_LoA	-6,33600463	0,172	0,293
CHR6	11819997	CHR6:11819997	SSF x Far_LoA	-8,94658534	-0,031	0,294
CHR6	11827517	CHR6:11827517	SSF x Far_LoA	-11,2616618	-0,086	0,305
CHR6	11831061	CHR6:11831061	SSF x Far_LoA	-9,46637091	0,016	0,303
CHR6	11831087	CHR6:11831087	SSF x Far_LoA	-10,9234498	0,066	0,302
CHR6	11831101	CHR6:11831101	SSF x Far_LoA	-9,39862735	0,082	0,318
CHR6	11833242	CHR6:11833242	SSF x Far_LoA	-3,49239177	0,169	0,306
CHR6	11833261	CHR6:11833261	SSF x Far_LoA	-6,72013727	-0,138	0,306
CHR6	11833288	CHR6:11833288	SSF x Far_LoA	-9,52490068	-0,107	0,307
CHR6	11833309	CHR6:11833309	SSF x Far_LoA	-9,66835131	-0,001	0,307
CHR6	11833325	CHR6:11833325	SSF x Far_LoA	-11,3616138	0,001	0,295
CHR6	11833377	CHR6:11833377	SSF x Far_LoA	-5,15073476	0,174	0,299
CHR6	11833393	CHR6:11833393	SSF x Far_LoA	-5,3959613	-0,013	0,321
CHR6	11833427	CHR6:11833427	SSF x Far_LoA	-2,54907373	-0,140	0,317
CHR6	11833443	CHR6:11833443	SSF x Far_LoA	-10,8295084	-0,034	0,305
CHR6	11833462	CHR6:11833462	SSF x Far_LoA	-8,7049336	-0,090	0,308

CHR6	11833465	CHR6:11833465	SSF x Far_LoA	-3,77648188	0,234	0,293
CHR6	11838309	CHR6:11838309	SSF x Far_LoA	-9,57389883	0,052	0,301
CHR6	11840730	CHR6:11840730	SSF x Far_LoA	-8,94575354	0,074	0,304
CHR6	11849386	CHR6:11849386	SSF x Far_LoA	-7,20749811	-0,170	0,295
CHR6	11849395	CHR6:11849395	SSF x Far_LoA	-6,94877581	-0,140	0,307
CHR6	11849397	CHR6:11849397	SSF x Far_LoA	-8,52307467	-0,125	0,292
CHR6	11853879	CHR6:11853879	SSF x Far_LoA	-10,611831	-0,020	0,320
CHR6	11853922	CHR6:11853922	SSF x Far_LoA	-10,3701549	-0,008	0,307
CHR6	11854053	CHR6:11854053	SSF x Far_LoA	-10,8126639	-0,030	0,303
CHR6	11859296	CHR6:11859296	SSF x Far_LoA	-9,37133661	0,005	0,319
CHR6	11859297	CHR6:11859297	SSF x Far_LoA	-8,46380095	0,120	0,297
CHR6	11859314	CHR6:11859314	SSF x Far_LoA	-7,27709462	-0,148	0,297
CHR6	11859329	CHR6:11859329	SSF x Far_LoA	-9,21351752	0,033	0,320
CHR6	11859379	CHR6:11859379	SSF x Far_LoA	-7,57913361	-0,108	0,321
CHR6	11860093	CHR6:11860093	SSF x Far_LoA	-6,61543183	0,131	0,306
CHR6	11862703	CHR6:11862703	SSF x Far_LoA	-9,87079412	0,062	0,297
CHR6	11862744	CHR6:11862744	SSF x Far_LoA	-9,71750115	0,046	0,304
CHR6	11862771	CHR6:11862771	SSF x Far_LoA	-5,9669964	0,119	0,301
CHR6	11867851	CHR6:11867851	SSF x Far_LoA	-10,1928308	-0,125	0,299
CHR6	11870743	CHR6:11870743	SSF x Far_LoA	-7,09955999	0,098	0,308
CHR6	11870820	CHR6:11870820	SSF x Far_LoA	-10,0547097	0,064	0,309
CHR6	11870849	CHR6:11870849	SSF x Far_LoA	-9,95577786	0,158	0,293
CHR6	11892501	CHR6:11892501	SSF x Far_LoA	-9,04774693	0,058	0,316
CHR6	11892572	CHR6:11892572	SSF x Far_LoA	-8,67413201	0,049	0,314
CHR6	11896592	CHR6:11896592	SSF x Far_LoA	-8,48787817	0,075	0,313
CHR6	11896637	CHR6:11896637	SSF x Far_LoA	-3,83053332	0,129	0,289
CHR6	11896643	CHR6:11896643	SSF x Far_LoA	-10,69577	-0,037	0,307
CHR6	11898194	CHR6:11898194	SSF x Far_LoA	-10,1333965	-0,075	0,311
CHR6	11898203	CHR6:11898203	SSF x Far_LoA	-11,5610793	0,069	0,303
CHR6	11898211	CHR6:11898211	SSF x Far_LoA	-11,6263474	0,062	0,300
CHR6	11900443	CHR6:11900443	SSF x Far_LoA	-9,15722834	0,023	0,302
CHR6	11900447	CHR6:11900447	SSF x Far_LoA	-9,79592182	-0,006	0,312
CHR6	11900469	CHR6:11900469	SSF x Far_LoA	-10,0395445	0,058	0,312
CHR6	11912401	CHR6:11912401	SSF x Far_LoA	-7,74945984	0,014	0,319
CHR6	11912402	CHR6:11912402	SSF x Far_LoA	-7,68217094	0,047	0,317
CHR6	11912418	CHR6:11912418	SSF x Far_LoA	-6,62981612	0,065	0,306
CHR6	11912489	CHR6:11912489	SSF x Far_LoA	-9,44110331	-0,016	0,297
CHR6	11912549	CHR6:11912549	SSF x Far_LoA	-6,53856526	-0,059	0,305
CHR6	11929940	CHR6:11929940	SSF x Far_LoA	-9,66833424	0,097	0,295
CHR6	11929951	CHR6:11929951	SSF x Far_LoA	-8,99903336	0,108	0,299
CHR6	11929959	CHR6:11929959	SSF x Far_LoA	-8,14268176	0,107	0,307
CHR6	11929997	CHR6:11929997	SSF x Far_LoA	-10,0794823	0,136	0,301
CHR6	11932088	CHR6:11932088	SSF x Far_LoA	-6,92161172	-0,093	0,311
CHR6	11934419	CHR6:11934419	SSF x Far_LoA	-9,91214453	-0,031	0,304
CHR6	11934429	CHR6:11934429	SSF x Far_LoA	-8,36546749	-0,060	0,317
CHR6	11934455	CHR6:11934455	SSF x Far_LoA	-8,69263046	0,069	0,323
CHR6	11934484	CHR6:11934484	SSF x Far_LoA	-10,4251872	-0,095	0,307
CHR6	11934490	CHR6:11934490	SSF x Far_LoA	-9,5807738	0,056	0,301
CHR6	11934493	CHR6:11934493	SSF x Far_LoA	-7,68975844	0,093	0,320
CHR6	11934501	CHR6:11934501	SSF x Far_LoA	-8,80447633	0,171	0,283
CHR6	11934505	CHR6:11934505	SSF x Far_LoA	-9,05141285	0,106	0,300
CHR6	11934523	CHR6:11934523	SSF x Far_LoA	-9,01071289	0,037	0,304
CHR6	11934547	CHR6:11934547	SSF x Far_LoA	-7,60462579	0,104	0,317

CHR6	11934555	CHR6:11934555	SSF x Far_LoA	-7,35798558	-0,073	0,310
CHR6	11934563	CHR6:11934563	SSF x Far_LoA	-9,23850788	0,054	0,312
CHR6	11934566	CHR6:11934566	SSF x Far_LoA	-7,06209217	0,143	0,313
CHR6	11934627	CHR6:11934627	SSF x Far_LoA	-11,8730765	0,035	0,309
CHR6	11938004	CHR6:11938004	SSF x Far_LoA	-10,6750198	0,020	0,298
CHR6	11938028	CHR6:11938028	SSF x Far_LoA	-5,00110565	-0,096	0,302
CHR6	11938114	CHR6:11938114	SSF x Far_LoA	-10,4637136	-0,135	0,299
CHR6	11944991	CHR6:11944991	SSF x Far_LoA	-8,24006116	0,067	0,305
CHR6	11945069	CHR6:11945069	SSF x Far_LoA	-9,0791461	0,037	0,314
CHR6	11945089	CHR6:11945089	SSF x Far_LoA	-8,31425769	0,074	0,304
CHR6	11950248	CHR6:11950248	SSF x Far_LoA	-11,4614361	0,012	0,313
CHR6	11950269	CHR6:11950269	SSF x Far_LoA	-9,5040265	0,020	0,302
CHR6	11950273	CHR6:11950273	SSF x Far_LoA	-9,2603454	0,010	0,306
CHR6	11950322	CHR6:11950322	SSF x Far_LoA	-5,53648719	0,167	0,301
CHR6	11950364	CHR6:11950364	SSF x Far_LoA	-10,3452842	-0,022	0,325
CHR6	11950382	CHR6:11950382	SSF x Far_LoA	-10,9433789	0,049	0,299
CHR6	11950399	CHR6:11950399	SSF x Far_LoA	-10,3061542	-0,008	0,316
CHR6	11950441	CHR6:11950441	SSF x Far_LoA	-8,91004949	0,055	0,314
CHR6	11950442	CHR6:11950442	SSF x Far_LoA	-8,4874588	0,068	0,309
CHR6	11950443	CHR6:11950443	SSF x Far_LoA	-8,020916	0,043	0,303
CHR6	11957446	CHR6:11957446	SSF x Far_LoA	-9,68998547	-0,020	0,322
CHR6	11957483	CHR6:11957483	SSF x Far_LoA	-9,74763087	0,077	0,297
CHR6	11957484	CHR6:11957484	SSF x Far_LoA	-11,2670994	0,054	0,298
CHR6	11957517	CHR6:11957517	SSF x Far_LoA	-7,43296545	-0,050	0,300
CHR6	11957541	CHR6:11957541	SSF x Far_LoA	-5,59124367	-0,125	0,292
CHR6	11957597	CHR6:11957597	SSF x Far_LoA	-4,19964063	-0,095	0,304
CHR6	11957605	CHR6:11957605	SSF x Far_LoA	-8,05927373	-0,013	0,312
CHR6	11957608	CHR6:11957608	SSF x Far_LoA	-7,27689559	-0,084	0,290
CHR6	11957614	CHR6:11957614	SSF x Far_LoA	-7,10346357	-0,090	0,292
CHR6	11957629	CHR6:11957629	SSF x Far_LoA	-9,93133757	-0,049	0,310
CHR6	11957638	CHR6:11957638	SSF x Far_LoA	-8,60087049	0,053	0,289
CHR6	11957640	CHR6:11957640	SSF x Far_LoA	-6,71500785	0,112	0,297
CHR6	11960306	CHR6:11960306	SSF x Far_LoA	-5,80010382	0,121	0,316
CHR6	11960323	CHR6:11960323	SSF x Far_LoA	-9,22472833	-0,095	0,290
CHR6	11960328	CHR6:11960328	SSF x Far_LoA	-5,50408066	0,081	0,317
CHR6	11989746	CHR6:11989746	SSF x Far_LoA	-9,01549049	-0,106	0,308
CHR6	11995018	CHR6:11995018	SSF x Far_LoA	-9,63747149	-0,024	0,303
CHR6	11995113	CHR6:11995113	SSF x Far_LoA	-11,7554318	-0,029	0,307
CHR6	11995144	CHR6:11995144	SSF x Far_LoA	-8,55278921	-0,103	0,301
CHR6	12011778	CHR6:12011778	SSF x Far_LoA	-6,88179685	0,108	0,303
CHR6	12011920	CHR6:12011920	SSF x Far_LoA	-9,26137455	-0,111	0,310
CHR6	12014188	CHR6:12014188	SSF x Far_LoA	-9,67067365	0,025	0,303
CHR6	12020526	CHR6:12020526	SSF x Far_LoA	-10,2394262	0,044	0,308
CHR6	12024230	CHR6:12024230	SSF x Far_LoA	-12,377689	-0,011	0,305
CHR6	12041362	CHR6:12041362	SSF x Far_LoA	-8,88551162	-0,049	0,316
CHR6	12046948	CHR6:12046948	SSF x Far_LoA	-8,49485821	-0,133	0,302
CHR6	12047036	CHR6:12047036	SSF x Far_LoA	-8,80275928	0,014	0,308
CHR6	12047044	CHR6:12047044	SSF x Far_LoA	-8,61944941	0,001	0,301
CHR6	12048194	CHR6:12048194	SSF x Far_LoA	-8,78866997	-0,018	0,303
CHR6	12050774	CHR6:12050774	SSF x Far_LoA	-8,43842373	0,120	0,296
CHR6	12050781	CHR6:12050781	SSF x Far_LoA	-9,44556454	-0,061	0,308
CHR6	12050934	CHR6:12050934	SSF x Far_LoA	-8,63857017	-0,117	0,309
CHR6	12050969	CHR6:12050969	SSF x Far_LoA	-9,81132799	0,108	0,305

CHR6	12058539	CHR6:12058539	SSF x Far_LoA	-10,8224854	-0,058	0,304
CHR6	12058577	CHR6:12058577	SSF x Far_LoA	-8,3067887	-0,052	0,305
CHR6	12067376	CHR6:12067376	SSF x Far_LoA	-8,64494929	-0,078	0,310
CHR6	12067439	CHR6:12067439	SSF x Far_LoA	-10,3418413	-0,155	0,298
CHR6	12070914	CHR6:12070914	SSF x Far_LoA	-7,41275698	-0,105	0,308
CHR6	12071081	CHR6:12071081	SSF x Far_LoA	-8,62259332	0,048	0,321
CHR6	12071106	CHR6:12071106	SSF x Far_LoA	-8,55134593	-0,009	0,308
CHR6	12071126	CHR6:12071126	SSF x Far_LoA	-5,46585949	0,052	0,308
CHR6	12071164	CHR6:12071164	SSF x Far_LoA	-11,4944038	-0,008	0,299
CHR6	12072745	CHR6:12072745	SSF x Far_LoA	3,42506489	-0,220	0,285
CHR6	12072762	CHR6:12072762	SSF x Far_LoA	0,96022827	0,161	0,311
CHR6	12072860	CHR6:12072860	SSF x Far_LoA	-9,16334675	0,016	0,315
CHR6	12072911	CHR6:12072911	SSF x Far_LoA	-9,91843776	-0,003	0,312
CHR6	12075159	CHR6:12075159	SSF x Far_LoA	-9,87440153	-0,010	0,314
CHR6	12075160	CHR6:12075160	SSF x Far_LoA	-10,8284941	-0,012	0,322
CHR6	12075223	CHR6:12075223	SSF x Far_LoA	-9,57990725	0,011	0,301
CHR6	12075355	CHR6:12075355	SSF x Far_LoA	-10,3270417	0,135	0,301
CHR6	12075371	CHR6:12075371	SSF x Far_LoA	-8,04628938	0,042	0,302
CHR6	12075372	CHR6:12075372	SSF x Far_LoA	-9,15528967	-0,076	0,309
CHR6	12087546	CHR6:12087546	SSF x Far_LoA	-10,4300223	0,076	0,309
CHR6	12090344	CHR6:12090344	SSF x Far_LoA	-8,82210845	0,107	0,293
CHR6	12090404	CHR6:12090404	SSF x Far_LoA	-8,29883756	-0,113	0,296
CHR6	12095671	CHR6:12095671	SSF x Far_LoA	-9,09910962	-0,034	0,300
CHR6	12095691	CHR6:12095691	SSF x Far_LoA	-10,3992681	-0,037	0,312
CHR6	12095714	CHR6:12095714	SSF x Far_LoA	-8,30949767	0,044	0,305
CHR6	12095766	CHR6:12095766	SSF x Far_LoA	-9,97572346	0,007	0,294
CHR6	12095798	CHR6:12095798	SSF x Far_LoA	-10,6678683	0,048	0,296
CHR6	12095820	CHR6:12095820	SSF x Far_LoA	-10,4926035	-0,086	0,313
CHR6	12098087	CHR6:12098087	SSF x Far_LoA	-11,9435555	-0,060	0,308
CHR6	12101795	CHR6:12101795	SSF x Far_LoA	-8,93401084	0,001	0,300
CHR6	12101940	CHR6:12101940	SSF x Far_LoA	-8,15509656	0,055	0,317
CHR6	12101955	CHR6:12101955	SSF x Far_LoA	-8,51573912	0,077	0,304
CHR6	12101965	CHR6:12101965	SSF x Far_LoA	-5,87242199	0,048	0,314
CHR6	12102031	CHR6:12102031	SSF x Far_LoA	-10,8202734	0,049	0,298
CHR6	12102046	CHR6:12102046	SSF x Far_LoA	-9,64683592	0,053	0,308
CHR6	12102066	CHR6:12102066	SSF x Far_LoA	-2,18146449	0,066	0,300
CHR6	12111783	CHR6:12111783	SSF x Far_LoA	-10,6055309	-0,078	0,312
CHR6	12111833	CHR6:12111833	SSF x Far_LoA	-10,3584694	-0,067	0,313
CHR6	12111895	CHR6:12111895	SSF x Far_LoA	-10,10707	-0,062	0,299
CHR6	12111922	CHR6:12111922	SSF x Far_LoA	-7,02182653	-0,062	0,309
CHR6	12111954	CHR6:12111954	SSF x Far_LoA	-7,7922894	0,115	0,299
CHR6	12113640	CHR6:12113640	SSF x Far_LoA	-8,68320004	-0,188	0,299
CHR6	12121086	CHR6:12121086	SSF x Far_LoA	-8,00750685	0,075	0,299
CHR6	12121102	CHR6:12121102	SSF x Far_LoA	-8,95278645	0,079	0,304
CHR6	12121114	CHR6:12121114	SSF x Far_LoA	-11,9363041	0,061	0,303
CHR6	12121141	CHR6:12121141	SSF x Far_LoA	-8,91871523	0,049	0,314
CHR6	12121177	CHR6:12121177	SSF x Far_LoA	-9,95286454	-0,008	0,302
CHR6	12121180	CHR6:12121180	SSF x Far_LoA	-8,88231292	-0,087	0,310
CHR6	12121201	CHR6:12121201	SSF x Far_LoA	-11,9851238	0,053	0,295
CHR6	12121210	CHR6:12121210	SSF x Far_LoA	-9,26498455	-0,047	0,300
CHR6	12121274	CHR6:12121274	SSF x Far_LoA	-8,63732433	0,113	0,301
CHR6	12121275	CHR6:12121275	SSF x Far_LoA	-8,68420966	0,162	0,300
CHR6	12121299	CHR6:12121299	SSF x Far_LoA	-3,36007237	0,104	0,301

CHR6	12121350	CHR6:12121350	SSF x Far_LoA	-9,65706805	-0,008	0,303
CHR6	12121351	CHR6:12121351	SSF x Far_LoA	-7,74929099	-0,190	0,302
CHR6	12121371	CHR6:12121371	SSF x Far_LoA	4,09675072	0,166	0,297
CHR6	1212301	CHR6:1212301	SSF x Far_LoA	-12,5359832	-0,010	0,288
CHR6	12124898	CHR6:12124898	SSF x Far_LoA	-6,53976103	-0,061	0,298
CHR6	12124949	CHR6:12124949	SSF x Far_LoA	-6,81754532	0,131	0,297
CHR6	12124951	CHR6:12124951	SSF x Far_LoA	-10,9377242	-0,041	0,298
CHR6	12124970	CHR6:12124970	SSF x Far_LoA	-9,93931778	-0,053	0,313
CHR6	12144295	CHR6:12144295	SSF x Far_LoA	-10,5551218	0,112	0,306
CHR6	12144389	CHR6:12144389	SSF x Far_LoA	-4,75616502	0,019	0,311
CHR6	12144401	CHR6:12144401	SSF x Far_LoA	-8,55217481	-0,001	0,310
CHR6	12144409	CHR6:12144409	SSF x Far_LoA	-9,66128979	0,058	0,308
CHR6	12149921	CHR6:12149921	SSF x Far_LoA	-10,6592668	-0,056	0,304
CHR6	12149996	CHR6:12149996	SSF x Far_LoA	-6,88631072	0,024	0,301
CHR6	12150001	CHR6:12150001	SSF x Far_LoA	-8,52995973	0,002	0,318
CHR6	12160757	CHR6:12160757	SSF x Far_LoA	-11,256143	0,097	0,294
CHR6	12162215	CHR6:12162215	SSF x Far_LoA	-10,1887716	-0,043	0,296
CHR6	12162219	CHR6:12162219	SSF x Far_LoA	-10,0536754	-0,084	0,298
CHR6	12162243	CHR6:12162243	SSF x Far_LoA	-9,86808933	0,015	0,315
CHR6	12162258	CHR6:12162258	SSF x Far_LoA	-8,11330464	0,023	0,322
CHR6	12162271	CHR6:12162271	SSF x Far_LoA	-8,86501148	0,074	0,290
CHR6	12166576	CHR6:12166576	SSF x Far_LoA	-8,97265538	0,010	0,308
CHR6	12170885	CHR6:12170885	SSF x Far_LoA	-8,37095739	-0,008	0,300
CHR6	12170944	CHR6:12170944	SSF x Far_LoA	-7,26343542	0,068	0,310
CHR6	12170947	CHR6:12170947	SSF x Far_LoA	-8,20861162	0,026	0,306
CHR6	12170976	CHR6:12170976	SSF x Far_LoA	-10,0889208	0,044	0,311
CHR6	12184583	CHR6:12184583	SSF x Far_LoA	-10,5082528	-0,010	0,299
CHR6	12185748	CHR6:12185748	SSF x Far_LoA	-9,46647032	0,032	0,318
CHR6	12185772	CHR6:12185772	SSF x Far_LoA	-9,30228569	-0,070	0,302
CHR6	12185851	CHR6:12185851	SSF x Far_LoA	-10,9334777	0,013	0,294
CHR6	12208994	CHR6:12208994	SSF x Far_LoA	-7,83941138	-0,117	0,318
CHR6	12208996	CHR6:12208996	SSF x Far_LoA	-6,65320748	-0,018	0,298
CHR6	12209001	CHR6:12209001	SSF x Far_LoA	-8,93533188	0,092	0,302
CHR6	12209007	CHR6:12209007	SSF x Far_LoA	-10,9076844	-0,051	0,308
CHR6	12209016	CHR6:12209016	SSF x Far_LoA	-9,86136261	-0,048	0,300
CHR6	12209023	CHR6:12209023	SSF x Far_LoA	-10,9963094	-0,032	0,311
CHR6	12209059	CHR6:12209059	SSF x Far_LoA	-10,223244	-0,051	0,314
CHR6	12209075	CHR6:12209075	SSF x Far_LoA	-9,85613887	0,035	0,309
CHR6	12209103	CHR6:12209103	SSF x Far_LoA	-9,58500395	-0,047	0,311
CHR6	12209119	CHR6:12209119	SSF x Far_LoA	-10,1443713	0,019	0,308
CHR6	12209121	CHR6:12209121	SSF x Far_LoA	-11,730945	-0,007	0,311
CHR6	12209140	CHR6:12209140	SSF x Far_LoA	-8,55691037	-0,103	0,313
CHR6	12209181	CHR6:12209181	SSF x Far_LoA	-8,56223011	0,058	0,308
CHR6	12209187	CHR6:12209187	SSF x Far_LoA	-9,1870332	0,067	0,299
CHR6	12209195	CHR6:12209195	SSF x Far_LoA	-11,2263816	0,019	0,311
CHR6	12209219	CHR6:12209219	SSF x Far_LoA	-9,22437791	-0,043	0,300
CHR6	12209228	CHR6:12209228	SSF x Far_LoA	-9,71735159	0,078	0,298
CHR6	12209229	CHR6:12209229	SSF x Far_LoA	-7,17421232	0,080	0,298
CHR6	12209247	CHR6:12209247	SSF x Far_LoA	-10,7742601	0,047	0,280
CHR6	12209256	CHR6:12209256	SSF x Far_LoA	-8,32196513	-0,176	0,305
CHR6	12211392	CHR6:12211392	SSF x Far_LoA	-10,6109156	-0,140	0,298
CHR6	12211501	CHR6:12211501	SSF x Far_LoA	-8,80212987	-0,004	0,315
CHR6	12211513	CHR6:12211513	SSF x Far_LoA	-8,02616722	-0,085	0,300

CHR6	12211527	CHR6:12211527	SSF x Far_LoA	-11,5792517	0,033	0,297
CHR6	12244233	CHR6:12244233	SSF x Far_LoA	-10,4513905	-0,008	0,298
CHR6	12244241	CHR6:12244241	SSF x Far_LoA	-7,60497393	0,079	0,285
CHR6	12249006	CHR6:12249006	SSF x Far_LoA	-10,1987277	0,064	0,306
CHR6	12255720	CHR6:12255720	SSF x Far_LoA	30,4072215	0,176	0,294
CHR6	12264777	CHR6:12264777	SSF x Far_LoA	-9,01287148	0,002	0,311
CHR6	12264826	CHR6:12264826	SSF x Far_LoA	-10,0031914	0,158	0,284
CHR6	12264847	CHR6:12264847	SSF x Far_LoA	-9,96970042	0,120	0,289
CHR6	12264940	CHR6:12264940	SSF x Far_LoA	-9,71978732	-0,056	0,315
CHR6	12264985	CHR6:12264985	SSF x Far_LoA	-10,7454612	-0,101	0,304
CHR6	12276013	CHR6:12276013	SSF x Far_LoA	-10,5779214	-0,015	0,309
CHR6	12276031	CHR6:12276031	SSF x Far_LoA	-10,8237215	0,001	0,304
CHR6	12283131	CHR6:12283131	SSF x Far_LoA	-8,22779759	-0,053	0,310
CHR6	12283173	CHR6:12283173	SSF x Far_LoA	-11,9506335	-0,099	0,289
CHR6	12283280	CHR6:12283280	SSF x Far_LoA	-2,37266407	0,005	0,313
CHR6	12283368	CHR6:12283368	SSF x Far_LoA	-9,55222016	0,058	0,304
CHR6	12292245	CHR6:12292245	SSF x Far_LoA	-9,27496777	0,028	0,311
CHR6	12292246	CHR6:12292246	SSF x Far_LoA	-8,21050001	0,025	0,310
CHR6	12292259	CHR6:12292259	SSF x Far_LoA	-7,77155563	0,071	0,294
CHR6	12292265	CHR6:12292265	SSF x Far_LoA	-8,76324318	0,063	0,302
CHR6	12292282	CHR6:12292282	SSF x Far_LoA	-7,09500476	0,055	0,317
CHR6	12292296	CHR6:12292296	SSF x Far_LoA	-10,6432557	-0,041	0,313
CHR6	12292371	CHR6:12292371	SSF x Far_LoA	-6,5187895	-0,086	0,302
CHR6	12303311	CHR6:12303311	SSF x Far_LoA	-10,8822317	-0,073	0,314
CHR6	12303465	CHR6:12303465	SSF x Far_LoA	-7,29532133	0,152	0,293
CHR6	12306258	CHR6:12306258	SSF x Far_LoA	-7,43307706	-0,147	0,295
CHR6	12306428	CHR6:12306428	SSF x Far_LoA	-9,92788034	0,005	0,306
CHR6	12306466	CHR6:12306466	SSF x Far_LoA	-10,5576707	0,070	0,309
CHR6	12306484	CHR6:12306484	SSF x Far_LoA	-9,56271465	-0,124	0,309
CHR6	12311650	CHR6:12311650	SSF x Far_LoA	-9,63015134	-0,050	0,306
CHR6	12317034	CHR6:12317034	SSF x Far_LoA	-7,94588245	0,153	0,289
CHR6	12317054	CHR6:12317054	SSF x Far_LoA	-7,63979657	-0,117	0,295
CHR6	12329295	CHR6:12329295	SSF x Far_LoA	-9,35213886	0,000	0,315
CHR6	12335773	CHR6:12335773	SSF x Far_LoA	-4,16463479	-0,152	0,299
CHR6	12335929	CHR6:12335929	SSF x Far_LoA	-10,5164925	0,015	0,304
CHR6	12359834	CHR6:12359834	SSF x Far_LoA	-7,72264622	0,005	0,310
CHR6	12359870	CHR6:12359870	SSF x Far_LoA	-10,865843	0,022	0,307
CHR6	12383781	CHR6:12383781	SSF x Far_LoA	-10,227773	-0,067	0,311
CHR6	12388859	CHR6:12388859	SSF x Far_LoA	-10,8265359	-0,087	0,303
CHR6	12388908	CHR6:12388908	SSF x Far_LoA	-6,88950762	-0,063	0,304
CHR6	12388913	CHR6:12388913	SSF x Far_LoA	-8,51669667	-0,065	0,310
CHR6	12388915	CHR6:12388915	SSF x Far_LoA	-9,69043193	-0,021	0,305
CHR6	12391843	CHR6:12391843	SSF x Far_LoA	-9,84350575	-0,113	0,307
CHR6	12397371	CHR6:12397371	SSF x Far_LoA	-7,00947064	-0,095	0,308
CHR6	12397374	CHR6:12397374	SSF x Far_LoA	-10,7742459	-0,015	0,307
CHR6	12400299	CHR6:12400299	SSF x Far_LoA	-9,61835385	-0,104	0,302
CHR6	12400313	CHR6:12400313	SSF x Far_LoA	-8,65777705	0,052	0,315
CHR6	12400319	CHR6:12400319	SSF x Far_LoA	-7,12237345	0,163	0,308
CHR6	12401015	CHR6:12401015	SSF x Far_LoA	-10,8654066	-0,060	0,313
CHR6	12401037	CHR6:12401037	SSF x Far_LoA	-10,2955144	-0,022	0,317
CHR6	12401039	CHR6:12401039	SSF x Far_LoA	-10,8204186	0,038	0,301
CHR6	12401059	CHR6:12401059	SSF x Far_LoA	-10,2436121	-0,060	0,296
CHR6	12405816	CHR6:12405816	SSF x Far_LoA	-8,92023301	0,160	0,290

CHR6	12405853	CHR6:12405853	SSF x Far_LoA	-9,4916782	-0,037	0,311
CHR6	12428142	CHR6:12428142	SSF x Far_LoA	-8,13343543	-0,031	0,306
CHR6	12428148	CHR6:12428148	SSF x Far_LoA	-10,3936206	-0,041	0,311
CHR6	12428248	CHR6:12428248	SSF x Far_LoA	-8,10228112	-0,120	0,310
CHR6	12428271	CHR6:12428271	SSF x Far_LoA	-5,7473984	-0,092	0,310
CHR6	12428320	CHR6:12428320	SSF x Far_LoA	-11,4566517	0,045	0,313
CHR6	12428332	CHR6:12428332	SSF x Far_LoA	-8,75421721	0,067	0,312
CHR6	12428333	CHR6:12428333	SSF x Far_LoA	-7,82184821	0,064	0,313
CHR6	12428341	CHR6:12428341	SSF x Far_LoA	-6,47873517	0,080	0,305
CHR6	12428367	CHR6:12428367	SSF x Far_LoA	-8,60982734	0,056	0,318
CHR6	12428368	CHR6:12428368	SSF x Far_LoA	-10,399206	-0,101	0,301
CHR6	12428371	CHR6:12428371	SSF x Far_LoA	-11,7204	0,026	0,294
CHR6	12428375	CHR6:12428375	SSF x Far_LoA	-11,1209315	0,038	0,300
CHR6	12428383	CHR6:12428383	SSF x Far_LoA	-8,46127947	0,053	0,315
CHR6	12429031	CHR6:12429031	SSF x Far_LoA	-7,86673816	-0,118	0,299
CHR6	12436959	CHR6:12436959	SSF x Far_LoA	-8,46590544	0,007	0,308
CHR6	12437121	CHR6:12437121	SSF x Far_LoA	-9,22896627	-0,025	0,304
CHR6	12437144	CHR6:12437144	SSF x Far_LoA	-10,3686573	0,024	0,304
CHR6	12437150	CHR6:12437150	SSF x Far_LoA	-10,4198202	0,049	0,306
CHR6	12437151	CHR6:12437151	SSF x Far_LoA	-10,7407189	-0,001	0,316
CHR6	12437160	CHR6:12437160	SSF x Far_LoA	-8,25157145	-0,036	0,300
CHR6	12437161	CHR6:12437161	SSF x Far_LoA	-7,15564589	-0,015	0,305
CHR6	12437189	CHR6:12437189	SSF x Far_LoA	-10,5807239	0,003	0,312
CHR6	12437221	CHR6:12437221	SSF x Far_LoA	-8,44506319	-0,039	0,298
CHR6	12463071	CHR6:12463071	SSF x Far_LoA	-8,38827977	-0,002	0,302
CHR6	12463084	CHR6:12463084	SSF x Far_LoA	-9,40262556	0,033	0,294
CHR6	1246842	CHR6:1246842	SSF x Far_LoA	-10,4503922	0,033	0,306
CHR6	12472387	CHR6:12472387	SSF x Far_LoA	-11,1004632	-0,069	0,306
CHR6	12472469	CHR6:12472469	SSF x Far_LoA	-10,0358125	-0,045	0,320
CHR6	12475071	CHR6:12475071	SSF x Far_LoA	-11,8530057	0,015	0,305
CHR6	12475178	CHR6:12475178	SSF x Far_LoA	-11,5098209	0,029	0,305
CHR6	12475200	CHR6:12475200	SSF x Far_LoA	-8,6571515	-0,054	0,306
CHR6	12479544	CHR6:12479544	SSF x Far_LoA	-11,4279398	0,136	0,299
CHR6	12479564	CHR6:12479564	SSF x Far_LoA	-11,5987652	-0,008	0,318
CHR6	12479598	CHR6:12479598	SSF x Far_LoA	-8,08166286	0,138	0,306
CHR6	12479799	CHR6:12479799	SSF x Far_LoA	-8,59436175	0,048	0,314
CHR6	12494936	CHR6:12494936	SSF x Far_LoA	-10,7449774	-0,005	0,308
CHR6	12495029	CHR6:12495029	SSF x Far_LoA	-8,31341479	0,059	0,309
CHR6	12495142	CHR6:12495142	SSF x Far_LoA	-10,3926838	0,139	0,303
CHR6	12496670	CHR6:12496670	SSF x Far_LoA	-11,1507821	0,077	0,297
CHR6	12496679	CHR6:12496679	SSF x Far_LoA	-10,8932324	0,112	0,299
CHR6	12496811	CHR6:12496811	SSF x Far_LoA	-9,88896677	-0,146	0,302
CHR6	12496846	CHR6:12496846	SSF x Far_LoA	-8,7202939	-0,074	0,307
CHR6	12496881	CHR6:12496881	SSF x Far_LoA	-5,01335066	0,025	0,306
CHR6	12496884	CHR6:12496884	SSF x Far_LoA	-10,0589512	0,093	0,321
CHR6	12498511	CHR6:12498511	SSF x Far_LoA	-11,0833848	0,038	0,305
CHR6	12499028	CHR6:12499028	SSF x Far_LoA	-9,84814718	0,014	0,314
CHR6	12500334	CHR6:12500334	SSF x Far_LoA	-11,3116751	0,083	0,310
CHR6	12500344	CHR6:12500344	SSF x Far_LoA	-10,290933	-0,082	0,292
CHR6	12500360	CHR6:12500360	SSF x Far_LoA	-8,47230061	0,009	0,307
CHR6	12500386	CHR6:12500386	SSF x Far_LoA	-9,8352831	-0,097	0,301
CHR6	12500393	CHR6:12500393	SSF x Far_LoA	-9,04333906	0,107	0,304
CHR6	12500398	CHR6:12500398	SSF x Far_LoA	-9,05223423	0,136	0,301

CHR6	12500436	CHR6:12500436	SSF x Far_LoA	-9,77862772	-0,076	0,296
CHR6	12500453	CHR6:12500453	SSF x Far_LoA	-10,1322666	-0,015	0,294
CHR6	12500460	CHR6:12500460	SSF x Far_LoA	-3,53225318	0,093	0,301
CHR6	12500535	CHR6:12500535	SSF x Far_LoA	-9,29214295	-0,005	0,290
CHR6	12500589	CHR6:12500589	SSF x Far_LoA	-7,61447285	0,145	0,297
CHR6	12506568	CHR6:12506568	SSF x Far_LoA	-8,63615359	0,000	0,312
CHR6	12506653	CHR6:12506653	SSF x Far_LoA	-10,9980183	-0,003	0,293
CHR6	12506662	CHR6:12506662	SSF x Far_LoA	-10,6319796	-0,098	0,297
CHR6	12506664	CHR6:12506664	SSF x Far_LoA	-8,66434492	0,004	0,309
CHR6	12506678	CHR6:12506678	SSF x Far_LoA	-9,54653679	0,034	0,310
CHR6	12506734	CHR6:12506734	SSF x Far_LoA	-7,83423974	-0,008	0,302
CHR6	12506737	CHR6:12506737	SSF x Far_LoA	-8,6855528	0,078	0,308
CHR6	12506767	CHR6:12506767	SSF x Far_LoA	-10,6504963	0,052	0,293
CHR6	12506791	CHR6:12506791	SSF x Far_LoA	-9,29360627	0,075	0,293
CHR6	12506817	CHR6:12506817	SSF x Far_LoA	-9,39007939	-0,020	0,296
CHR6	12506848	CHR6:12506848	SSF x Far_LoA	-9,78744408	0,008	0,313
CHR6	12506852	CHR6:12506852	SSF x Far_LoA	-11,7842278	0,062	0,298
CHR6	12528122	CHR6:12528122	SSF x Far_LoA	-9,85309347	-0,056	0,289
CHR6	12528258	CHR6:12528258	SSF x Far_LoA	-6,04802743	0,062	0,302
CHR6	12532289	CHR6:12532289	SSF x Far_LoA	-8,73003078	-0,078	0,311
CHR6	12558277	CHR6:12558277	SSF x Far_LoA	-9,55622952	0,051	0,304
CHR6	12558482	CHR6:12558482	SSF x Far_LoA	-9,98215654	0,027	0,311
CHR6	12562535	CHR6:12562535	SSF x Far_LoA	-7,45450376	0,002	0,316
CHR6	12562560	CHR6:12562560	SSF x Far_LoA	-10,2001759	0,010	0,310
CHR6	12562574	CHR6:12562574	SSF x Far_LoA	-11,3449752	0,012	0,313
CHR6	12568299	CHR6:12568299	SSF x Far_LoA	-8,84621752	0,025	0,317
CHR6	12568361	CHR6:12568361	SSF x Far_LoA	-10,921581	-0,012	0,311
CHR6	12568376	CHR6:12568376	SSF x Far_LoA	-9,44768141	0,157	0,287
CHR6	12568383	CHR6:12568383	SSF x Far_LoA	-10,2549005	-0,032	0,326
CHR6	12568388	CHR6:12568388	SSF x Far_LoA	-10,5276945	-0,016	0,314
CHR6	12568394	CHR6:12568394	SSF x Far_LoA	-10,1557135	-0,023	0,317
CHR6	12568402	CHR6:12568402	SSF x Far_LoA	-9,94426444	0,168	0,296
CHR6	12568403	CHR6:12568403	SSF x Far_LoA	-7,83816726	0,204	0,295
CHR6	12571294	CHR6:12571294	SSF x Far_LoA	-9,09675821	-0,072	0,305
CHR6	12571359	CHR6:12571359	SSF x Far_LoA	-8,55560364	-0,180	0,293
CHR6	12571363	CHR6:12571363	SSF x Far_LoA	-9,88829887	-0,059	0,316
CHR6	12571364	CHR6:12571364	SSF x Far_LoA	-10,347142	-0,022	0,305
CHR6	12571414	CHR6:12571414	SSF x Far_LoA	-4,43931233	-0,079	0,313
CHR6	12574102	CHR6:12574102	SSF x Far_LoA	-8,6078251	0,042	0,313
CHR6	12574222	CHR6:12574222	SSF x Far_LoA	-10,9768636	-0,026	0,315
CHR6	12574330	CHR6:12574330	SSF x Far_LoA	-11,1868506	0,039	0,307
CHR6	12582110	CHR6:12582110	SSF x Far_LoA	-9,6454046	-0,084	0,304
CHR6	12582143	CHR6:12582143	SSF x Far_LoA	-10,0825188	0,059	0,310
CHR6	12582146	CHR6:12582146	SSF x Far_LoA	-9,59530946	0,022	0,302
CHR6	12582160	CHR6:12582160	SSF x Far_LoA	-10,682851	0,057	0,313
CHR6	12582236	CHR6:12582236	SSF x Far_LoA	-10,2925623	-0,082	0,308
CHR6	12582296	CHR6:12582296	SSF x Far_LoA	-10,2531133	-0,022	0,301
CHR6	12582321	CHR6:12582321	SSF x Far_LoA	-7,20237637	-0,023	0,311
CHR6	12590533	CHR6:12590533	SSF x Far_LoA	-9,34254151	0,020	0,305
CHR6	12590572	CHR6:12590572	SSF x Far_LoA	-10,5421351	0,117	0,294
CHR6	12590617	CHR6:12590617	SSF x Far_LoA	-7,92990608	0,031	0,315
CHR6	12590705	CHR6:12590705	SSF x Far_LoA	-11,041911	0,027	0,305
CHR6	12599160	CHR6:12599160	SSF x Far_LoA	-7,81170495	0,038	0,324

CHR6	12599298	CHR6:12599298	SSF x Far_LoA	-9,10070435	0,032	0,298
CHR6	12599321	CHR6:12599321	SSF x Far_LoA	-7,77645498	0,059	0,294
CHR6	12599359	CHR6:12599359	SSF x Far_LoA	-11,5917304	0,041	0,302
CHR6	12599393	CHR6:12599393	SSF x Far_LoA	-8,51315293	-0,035	0,326
CHR6	12599405	CHR6:12599405	SSF x Far_LoA	-10,3609044	0,074	0,300
CHR6	12603007	CHR6:12603007	SSF x Far_LoA	-11,6185112	-0,001	0,311
CHR6	12603012	CHR6:12603012	SSF x Far_LoA	-10,471437	-0,004	0,314
CHR6	12623804	CHR6:12623804	SSF x Far_LoA	-4,56850863	0,092	0,320
CHR6	12623852	CHR6:12623852	SSF x Far_LoA	-7,37046272	-0,210	0,310
CHR6	12623858	CHR6:12623858	SSF x Far_LoA	-7,1782176	-0,220	0,298
CHR6	12623872	CHR6:12623872	SSF x Far_LoA	-7,99686649	-0,237	0,302
CHR6	12623883	CHR6:12623883	SSF x Far_LoA	-8,60275847	0,062	0,299
CHR6	12623887	CHR6:12623887	SSF x Far_LoA	-6,06201745	-0,211	0,312
CHR6	12624589	CHR6:12624589	SSF x Far_LoA	-8,81727197	-0,058	0,312
CHR6	12624599	CHR6:12624599	SSF x Far_LoA	-8,33195918	-0,044	0,308
CHR6	12624600	CHR6:12624600	SSF x Far_LoA	-7,56687245	0,083	0,307
CHR6	1263477	CHR6:1263477	SSF x Far_LoA	-4,99133326	-0,102	0,315
CHR6	12661748	CHR6:12661748	SSF x Far_LoA	-7,13825089	-0,102	0,308
CHR6	12670310	CHR6:12670310	SSF x Far_LoA	-7,35881718	-0,031	0,306
CHR6	12670345	CHR6:12670345	SSF x Far_LoA	-8,54122425	-0,037	0,290
CHR6	12679155	CHR6:12679155	SSF x Far_LoA	-8,53585706	-0,078	0,312
CHR6	12679204	CHR6:12679204	SSF x Far_LoA	-9,75195732	-0,021	0,301
CHR6	12680594	CHR6:12680594	SSF x Far_LoA	-11,2166109	0,011	0,318
CHR6	12682108	CHR6:12682108	SSF x Far_LoA	-10,115444	0,142	0,299
CHR6	12682129	CHR6:12682129	SSF x Far_LoA	-10,1843914	0,017	0,322
CHR6	12682151	CHR6:12682151	SSF x Far_LoA	-10,3020342	-0,050	0,303
CHR6	12682166	CHR6:12682166	SSF x Far_LoA	-10,2149613	0,038	0,314
CHR6	12682181	CHR6:12682181	SSF x Far_LoA	-9,87294393	-0,012	0,298
CHR6	12682222	CHR6:12682222	SSF x Far_LoA	-10,5067488	-0,030	0,286
CHR6	12682242	CHR6:12682242	SSF x Far_LoA	-7,70457026	0,103	0,313
CHR6	12682305	CHR6:12682305	SSF x Far_LoA	-11,1550373	-0,012	0,295
CHR6	12689492	CHR6:12689492	SSF x Far_LoA	-4,56771829	0,182	0,306
CHR6	12696354	CHR6:12696354	SSF x Far_LoA	-9,24792467	0,032	0,296
CHR6	12696386	CHR6:12696386	SSF x Far_LoA	-10,5019377	0,014	0,298
CHR6	12696411	CHR6:12696411	SSF x Far_LoA	-9,44751113	0,024	0,289
CHR6	12696421	CHR6:12696421	SSF x Far_LoA	-8,71143817	0,044	0,308
CHR6	12696427	CHR6:12696427	SSF x Far_LoA	-9,21813342	0,031	0,299
CHR6	1269762	CHR6:1269762	SSF x Far_LoA	-9,42235793	0,049	0,309
CHR6	12704151	CHR6:12704151	SSF x Far_LoA	-12,0337216	-0,022	0,305
CHR6	12704162	CHR6:12704162	SSF x Far_LoA	-7,48309938	-0,033	0,299
CHR6	12704209	CHR6:12704209	SSF x Far_LoA	-7,27853177	0,078	0,316
CHR6	12704239	CHR6:12704239	SSF x Far_LoA	-9,11362282	-0,028	0,302
CHR6	12704358	CHR6:12704358	SSF x Far_LoA	-9,15313319	-0,085	0,307
CHR6	12704384	CHR6:12704384	SSF x Far_LoA	-6,6227128	0,098	0,307
CHR6	12709887	CHR6:12709887	SSF x Far_LoA	-9,1032133	0,026	0,296
CHR6	12709931	CHR6:12709931	SSF x Far_LoA	-9,7050791	-0,015	0,307
CHR6	12709947	CHR6:12709947	SSF x Far_LoA	-8,90986503	0,065	0,310
CHR6	12710033	CHR6:12710033	SSF x Far_LoA	-10,1196311	0,026	0,304
CHR6	12710052	CHR6:12710052	SSF x Far_LoA	-6,73980957	0,061	0,311
CHR6	1274110	CHR6:1274110	SSF x Far_LoA	-9,91361176	-0,090	0,317
CHR6	12741875	CHR6:12741875	SSF x Far_LoA	-2,75578066	0,273	0,278
CHR6	12741896	CHR6:12741896	SSF x Far_LoA	-5,60226402	0,246	0,278
CHR6	12741954	CHR6:12741954	SSF x Far_LoA	-9,86057247	-0,077	0,284

CHR6	12741955	CHR6:12741955	SSF x Far_LoA	-8,39824822	-0,081	0,306
CHR6	12750361	CHR6:12750361	SSF x Far_LoA	-8,73994798	-0,055	0,306
CHR6	12765621	CHR6:12765621	SSF x Far_LoA	-9,1482285	0,078	0,296
CHR6	12765754	CHR6:12765754	SSF x Far_LoA	-9,26236766	-0,110	0,295
CHR6	12765817	CHR6:12765817	SSF x Far_LoA	-2,87743505	0,133	0,300
CHR6	12768758	CHR6:12768758	SSF x Far_LoA	-9,82929824	-0,070	0,292
CHR6	12768943	CHR6:12768943	SSF x Far_LoA	-11,0539984	-0,082	0,302
CHR6	12769011	CHR6:12769011	SSF x Far_LoA	-10,2157126	-0,043	0,312
CHR6	12776208	CHR6:12776208	SSF x Far_LoA	-7,79815474	-0,052	0,309
CHR6	12776214	CHR6:12776214	SSF x Far_LoA	-8,62753469	-0,034	0,315
CHR6	12776254	CHR6:12776254	SSF x Far_LoA	-9,921061	0,004	0,309
CHR6	12778696	CHR6:12778696	SSF x Far_LoA	-8,7287746	-0,058	0,305
CHR6	12783381	CHR6:12783381	SSF x Far_LoA	-8,85615834	-0,101	0,302
CHR6	12785453	CHR6:12785453	SSF x Far_LoA	-7,94299951	-0,021	0,298
CHR6	12785472	CHR6:12785472	SSF x Far_LoA	-8,33711712	0,082	0,309
CHR6	12785506	CHR6:12785506	SSF x Far_LoA	-5,47164245	-0,060	0,309
CHR6	12785518	CHR6:12785518	SSF x Far_LoA	-9,84123999	0,041	0,308
CHR6	12786065	CHR6:12786065	SSF x Far_LoA	-9,56889389	-0,074	0,309
CHR6	12795782	CHR6:12795782	SSF x Far_LoA	-9,95171849	-0,012	0,308
CHR6	12795799	CHR6:12795799	SSF x Far_LoA	-9,26824248	-0,087	0,309
CHR6	12795813	CHR6:12795813	SSF x Far_LoA	-8,23396872	-0,012	0,304
CHR6	12795821	CHR6:12795821	SSF x Far_LoA	-11,8028495	-0,075	0,293
CHR6	12795842	CHR6:12795842	SSF x Far_LoA	-8,71177308	-0,131	0,295
CHR6	12795843	CHR6:12795843	SSF x Far_LoA	-7,89369932	0,177	0,289
CHR6	12797398	CHR6:12797398	SSF x Far_LoA	-7,67232009	-0,145	0,292
CHR6	12798599	CHR6:12798599	SSF x Far_LoA	-9,0617545	-0,065	0,308
CHR6	12798600	CHR6:12798600	SSF x Far_LoA	-9,03123206	0,059	0,317
CHR6	12798607	CHR6:12798607	SSF x Far_LoA	-6,60598015	0,182	0,296
CHR6	12804365	CHR6:12804365	SSF x Far_LoA	-9,09280115	0,003	0,307
CHR6	12804383	CHR6:12804383	SSF x Far_LoA	-8,55245227	-0,096	0,308
CHR6	12804415	CHR6:12804415	SSF x Far_LoA	-7,62817812	0,153	0,299
CHR6	12807940	CHR6:12807940	SSF x Far_LoA	-10,5178956	0,025	0,303
CHR6	12807953	CHR6:12807953	SSF x Far_LoA	-8,08249071	0,019	0,308
CHR6	12807955	CHR6:12807955	SSF x Far_LoA	-9,09002931	-0,006	0,309
CHR6	12813031	CHR6:12813031	SSF x Far_LoA	-9,0767918	-0,019	0,326
CHR6	12826525	CHR6:12826525	SSF x Far_LoA	-9,56226356	-0,077	0,310
CHR6	12826576	CHR6:12826576	SSF x Far_LoA	-9,73802894	-0,050	0,304
CHR6	12826579	CHR6:12826579	SSF x Far_LoA	-10,8161718	-0,067	0,322
CHR6	12826584	CHR6:12826584	SSF x Far_LoA	-9,85971037	-0,063	0,306
CHR6	12831284	CHR6:12831284	SSF x Far_LoA	-9,7150294	0,061	0,303
CHR6	12831375	CHR6:12831375	SSF x Far_LoA	-9,10965397	-0,016	0,316
CHR6	12834348	CHR6:12834348	SSF x Far_LoA	-4,93319583	-0,099	0,302
CHR6	12834388	CHR6:12834388	SSF x Far_LoA	-9,30060056	-0,016	0,304
CHR6	12834439	CHR6:12834439	SSF x Far_LoA	-11,7040129	0,018	0,313
CHR6	12834443	CHR6:12834443	SSF x Far_LoA	-8,94739622	0,021	0,308
CHR6	12834455	CHR6:12834455	SSF x Far_LoA	-8,3657442	-0,015	0,301
CHR6	12835220	CHR6:12835220	SSF x Far_LoA	-11,5950613	0,077	0,304
CHR6	1283849	CHR6:1283849	SSF x Far_LoA	-12,1438849	0,011	0,300
CHR6	12851632	CHR6:12851632	SSF x Far_LoA	1,24700293	0,093	0,302
CHR6	12851690	CHR6:12851690	SSF x Far_LoA	-10,5892049	0,030	0,302
CHR6	12858019	CHR6:12858019	SSF x Far_LoA	-8,91746164	0,109	0,309
CHR6	12858072	CHR6:12858072	SSF x Far_LoA	-6,89371268	-0,147	0,300
CHR6	12858083	CHR6:12858083	SSF x Far_LoA	-9,30784974	0,096	0,303

CHR6	12858110	CHR6:12858110	SSF x Far_LoA	-9,3070094	0,060	0,305
CHR6	12858115	CHR6:12858115	SSF x Far_LoA	-10,036053	0,028	0,301
CHR6	12858138	CHR6:12858138	SSF x Far_LoA	-7,38595315	-0,134	0,306
CHR6	12861470	CHR6:12861470	SSF x Far_LoA	-7,50989743	-0,145	0,299
CHR6	12861499	CHR6:12861499	SSF x Far_LoA	-5,74296258	0,097	0,295
CHR6	12861520	CHR6:12861520	SSF x Far_LoA	-8,84794273	0,049	0,311
CHR6	12861542	CHR6:12861542	SSF x Far_LoA	-8,84394079	0,092	0,290
CHR6	12875366	CHR6:12875366	SSF x Far_LoA	-10,3975148	-0,059	0,308
CHR6	12875412	CHR6:12875412	SSF x Far_LoA	-9,6012375	0,012	0,316
CHR6	12875427	CHR6:12875427	SSF x Far_LoA	-4,19755467	-0,180	0,303
CHR6	12875443	CHR6:12875443	SSF x Far_LoA	-5,31637113	-0,218	0,281
CHR6	12875457	CHR6:12875457	SSF x Far_LoA	-9,10440039	0,093	0,311
CHR6	12880081	CHR6:12880081	SSF x Far_LoA	-10,0633605	-0,082	0,302
CHR6	12880131	CHR6:12880131	SSF x Far_LoA	-9,70404787	-0,033	0,315
CHR6	12880155	CHR6:12880155	SSF x Far_LoA	-9,44925469	0,035	0,314
CHR6	12880168	CHR6:12880168	SSF x Far_LoA	-9,85681017	0,006	0,298
CHR6	12880194	CHR6:12880194	SSF x Far_LoA	-10,5317122	0,014	0,291
CHR6	12880220	CHR6:12880220	SSF x Far_LoA	-9,83785345	-0,025	0,300
CHR6	1288092	CHR6:1288092	SSF x Far_LoA	-10,3484146	-0,109	0,306
CHR6	1288155	CHR6:1288155	SSF x Far_LoA	-9,3010841	0,037	0,303
CHR6	12887401	CHR6:12887401	SSF x Far_LoA	-7,74991737	-0,056	0,307
CHR6	12891258	CHR6:12891258	SSF x Far_LoA	-8,82711155	0,072	0,310
CHR6	12900098	CHR6:12900098	SSF x Far_LoA	-6,96821377	-0,053	0,319
CHR6	12900175	CHR6:12900175	SSF x Far_LoA	-8,04084122	-0,185	0,296
CHR6	12900177	CHR6:12900177	SSF x Far_LoA	-3,52647484	-0,188	0,294
CHR6	12900227	CHR6:12900227	SSF x Far_LoA	-9,57342664	-0,086	0,291
CHR6	12900313	CHR6:12900313	SSF x Far_LoA	-8,08269551	-0,119	0,310
CHR6	12900366	CHR6:12900366	SSF x Far_LoA	-8,90631441	-0,059	0,313
CHR6	12900376	CHR6:12900376	SSF x Far_LoA	-8,35875815	-0,068	0,312
CHR6	12919929	CHR6:12919929	SSF x Far_LoA	-9,94373337	0,057	0,315
CHR6	12919957	CHR6:12919957	SSF x Far_LoA	-9,80428931	-0,067	0,304
CHR6	12919969	CHR6:12919969	SSF x Far_LoA	-10,7964406	-0,007	0,298
CHR6	12920005	CHR6:12920005	SSF x Far_LoA	-9,42401249	-0,068	0,303
CHR6	12920045	CHR6:12920045	SSF x Far_LoA	-10,0413445	-0,013	0,307
CHR6	12920049	CHR6:12920049	SSF x Far_LoA	-8,29894098	0,007	0,315
CHR6	12920090	CHR6:12920090	SSF x Far_LoA	-8,64359555	0,034	0,306
CHR6	12920122	CHR6:12920122	SSF x Far_LoA	-9,51186695	-0,074	0,303
CHR6	12920161	CHR6:12920161	SSF x Far_LoA	-10,0115633	-0,068	0,304
CHR6	12920162	CHR6:12920162	SSF x Far_LoA	-11,0972969	-0,069	0,307
CHR6	12920165	CHR6:12920165	SSF x Far_LoA	-7,77053134	-0,062	0,317
CHR6	12926599	CHR6:12926599	SSF x Far_LoA	-9,73255325	0,055	0,321
CHR6	1292912	CHR6:1292912	SSF x Far_LoA	-8,44876675	-0,086	0,299
CHR6	1292990	CHR6:1292990	SSF x Far_LoA	-10,5317436	-0,089	0,307
CHR6	12934382	CHR6:12934382	SSF x Far_LoA	-8,96974192	0,000	0,302
CHR6	12934394	CHR6:12934394	SSF x Far_LoA	-10,8731637	0,144	0,298
CHR6	12934550	CHR6:12934550	SSF x Far_LoA	-9,16327476	0,098	0,299
CHR6	12942855	CHR6:12942855	SSF x Far_LoA	-9,20176718	-0,062	0,303
CHR6	12949950	CHR6:12949950	SSF x Far_LoA	-9,23003974	-0,035	0,316
CHR6	12950001	CHR6:12950001	SSF x Far_LoA	-10,1001708	0,030	0,304
CHR6	12950013	CHR6:12950013	SSF x Far_LoA	-7,57745509	0,090	0,300
CHR6	12965853	CHR6:12965853	SSF x Far_LoA	-9,79050599	-0,006	0,316
CHR6	12966274	CHR6:12966274	SSF x Far_LoA	-11,1349966	0,078	0,311
CHR6	12966288	CHR6:12966288	SSF x Far_LoA	-10,6001528	-0,067	0,272

CHR6	12966305	CHR6:12966305	SSF x Far_LoA	-10,6947149	-0,021	0,289
CHR6	12971737	CHR6:12971737	SSF x Far_LoA	-8,48240374	0,093	0,303
CHR6	12974289	CHR6:12974289	SSF x Far_LoA	-10,8956306	0,072	0,297
CHR6	12974346	CHR6:12974346	SSF x Far_LoA	-8,84358684	-0,064	0,306
CHR6	12974349	CHR6:12974349	SSF x Far_LoA	-11,397324	0,089	0,306
CHR6	12983594	CHR6:12983594	SSF x Far_LoA	-9,05206336	0,101	0,306
CHR6	12983597	CHR6:12983597	SSF x Far_LoA	-2,5084637	-0,237	0,291
CHR6	12983643	CHR6:12983643	SSF x Far_LoA	-4,91836937	0,155	0,309
CHR6	12985855	CHR6:12985855	SSF x Far_LoA	-8,2228983	0,188	0,305
CHR6	12988574	CHR6:12988574	SSF x Far_LoA	-11,0144829	0,059	0,315
CHR6	12988684	CHR6:12988684	SSF x Far_LoA	-6,28754425	0,152	0,291
CHR6	12988692	CHR6:12988692	SSF x Far_LoA	-1,61982313	-0,227	0,301
CHR6	12988697	CHR6:12988697	SSF x Far_LoA	-2,90620589	-0,178	0,297
CHR6	12988698	CHR6:12988698	SSF x Far_LoA	-5,51665136	0,138	0,304
CHR6	12988741	CHR6:12988741	SSF x Far_LoA	-2,20753931	0,127	0,309
CHR6	12988762	CHR6:12988762	SSF x Far_LoA	-7,72174725	0,070	0,313
CHR6	12993192	CHR6:12993192	SSF x Far_LoA	-9,55951693	-0,054	0,287
CHR6	12993198	CHR6:12993198	SSF x Far_LoA	-8,28409026	0,154	0,307
CHR6	12993238	CHR6:12993238	SSF x Far_LoA	-8,49808702	0,104	0,302
CHR6	12993241	CHR6:12993241	SSF x Far_LoA	-0,64029175	0,113	0,297
CHR6	1300289	CHR6:1300289	SSF x Far_LoA	-11,4568983	0,030	0,300
CHR6	1300401	CHR6:1300401	SSF x Far_LoA	-7,65540486	0,117	0,306
CHR6	1300441	CHR6:1300441	SSF x Far_LoA	-7,80926431	0,035	0,316
CHR6	13010621	CHR6:13010621	SSF x Far_LoA	-7,28256787	-0,103	0,307
CHR6	13010776	CHR6:13010776	SSF x Far_LoA	-10,3569009	-0,059	0,313
CHR6	13019565	CHR6:13019565	SSF x Far_LoA	-8,64047666	0,023	0,318
CHR6	1302930	CHR6:1302930	SSF x Far_LoA	-6,05607309	-0,083	0,305
CHR6	13033344	CHR6:13033344	SSF x Far_LoA	-9,28991842	-0,088	0,309
CHR6	13057391	CHR6:13057391	SSF x Far_LoA	-7,50428749	0,010	0,322
CHR6	13057591	CHR6:13057591	SSF x Far_LoA	-8,68670972	0,014	0,314
CHR6	13062520	CHR6:13062520	SSF x Far_LoA	-9,94531839	0,101	0,304
CHR6	13062590	CHR6:13062590	SSF x Far_LoA	-9,50242823	0,026	0,317
CHR6	13071777	CHR6:13071777	SSF x Far_LoA	-5,15485354	0,216	0,289
CHR6	13071798	CHR6:13071798	SSF x Far_LoA	-10,0507384	0,031	0,313
CHR6	13071815	CHR6:13071815	SSF x Far_LoA	-9,2631331	-0,039	0,295
CHR6	13071863	CHR6:13071863	SSF x Far_LoA	-2,73862765	0,189	0,291
CHR6	13071900	CHR6:13071900	SSF x Far_LoA	-9,88832252	-0,068	0,301
CHR6	13073583	CHR6:13073583	SSF x Far_LoA	-10,4553353	0,017	0,304
CHR6	13073616	CHR6:13073616	SSF x Far_LoA	-10,5527259	-0,059	0,302
CHR6	13073629	CHR6:13073629	SSF x Far_LoA	-10,4509441	-0,056	0,306
CHR6	13073675	CHR6:13073675	SSF x Far_LoA	-8,09180801	-0,085	0,305
CHR6	13073685	CHR6:13073685	SSF x Far_LoA	-7,20221932	-0,093	0,312
CHR6	13073693	CHR6:13073693	SSF x Far_LoA	-6,88898874	-0,197	0,303
CHR6	13083400	CHR6:13083400	SSF x Far_LoA	-10,3686852	-0,047	0,311
CHR6	13083410	CHR6:13083410	SSF x Far_LoA	-10,7350567	0,021	0,318
CHR6	13083422	CHR6:13083422	SSF x Far_LoA	-8,88767081	0,142	0,300
CHR6	13083498	CHR6:13083498	SSF x Far_LoA	-7,51138003	0,159	0,289
CHR6	13083515	CHR6:13083515	SSF x Far_LoA	-8,54177721	-0,077	0,311
CHR6	1309006	CHR6:1309006	SSF x Far_LoA	-8,88262091	0,073	0,305
CHR6	1309901	CHR6:1309901	SSF x Far_LoA	-4,65526522	-0,152	0,305
CHR6	1309956	CHR6:1309956	SSF x Far_LoA	-10,5189059	-0,065	0,309
CHR6	13100937	CHR6:13100937	SSF x Far_LoA	-8,84633662	-0,047	0,304
CHR6	13100963	CHR6:13100963	SSF x Far_LoA	-9,87749693	-0,001	0,319

CHR6	13100998	CHR6:13100998	SSF x Far_LoA	-9,03379903	-0,042	0,308
CHR6	13101064	CHR6:13101064	SSF x Far_LoA	-9,42879142	-0,017	0,303
CHR6	13101066	CHR6:13101066	SSF x Far_LoA	-9,25784401	-0,014	0,321
CHR6	13101780	CHR6:13101780	SSF x Far_LoA	-9,56741316	0,105	0,301
CHR6	13101781	CHR6:13101781	SSF x Far_LoA	-9,77102676	0,094	0,301
CHR6	13101789	CHR6:13101789	SSF x Far_LoA	-8,84155864	0,063	0,295
CHR6	1310959	CHR6:1310959	SSF x Far_LoA	-9,37696744	0,046	0,293
CHR6	13122839	CHR6:13122839	SSF x Far_LoA	-8,80248883	-0,013	0,309
CHR6	13122912	CHR6:13122912	SSF x Far_LoA	-9,61344295	-0,032	0,316
CHR6	13122924	CHR6:13122924	SSF x Far_LoA	-7,68007554	0,091	0,299
CHR6	13123097	CHR6:13123097	SSF x Far_LoA	-10,4174619	0,112	0,314
CHR6	13123135	CHR6:13123135	SSF x Far_LoA	-10,2848468	0,040	0,312
CHR6	13127496	CHR6:13127496	SSF x Far_LoA	-7,2745486	0,004	0,295
CHR6	13138388	CHR6:13138388	SSF x Far_LoA	-12,6212071	0,057	0,295
CHR6	13138410	CHR6:13138410	SSF x Far_LoA	-10,8130313	0,076	0,313
CHR6	13138491	CHR6:13138491	SSF x Far_LoA	-11,3448915	0,044	0,316
CHR6	13142696	CHR6:13142696	SSF x Far_LoA	-10,4727312	-0,018	0,314
CHR6	13177360	CHR6:13177360	SSF x Far_LoA	-8,97362109	0,025	0,299
CHR6	13177409	CHR6:13177409	SSF x Far_LoA	-6,72469312	-0,137	0,305
CHR6	13177411	CHR6:13177411	SSF x Far_LoA	-8,25081616	0,025	0,309
CHR6	13177422	CHR6:13177422	SSF x Far_LoA	-7,35266371	-0,129	0,313
CHR6	13177430	CHR6:13177430	SSF x Far_LoA	-9,2632267	0,070	0,313
CHR6	13177469	CHR6:13177469	SSF x Far_LoA	-10,7967255	-0,088	0,313
CHR6	13177472	CHR6:13177472	SSF x Far_LoA	-5,38934672	-0,090	0,312
CHR6	13177512	CHR6:13177512	SSF x Far_LoA	-9,15623699	0,020	0,309
CHR6	13183199	CHR6:13183199	SSF x Far_LoA	-8,9820354	-0,024	0,312
CHR6	13183988	CHR6:13183988	SSF x Far_LoA	-9,70563549	-0,006	0,309
CHR6	13184000	CHR6:13184000	SSF x Far_LoA	-9,59037573	0,084	0,308
CHR6	13184151	CHR6:13184151	SSF x Far_LoA	-11,2497265	-0,010	0,291
CHR6	13192399	CHR6:13192399	SSF x Far_LoA	-8,55287797	-0,128	0,306
CHR6	13198496	CHR6:13198496	SSF x Far_LoA	-9,38960648	0,006	0,313
CHR6	13198538	CHR6:13198538	SSF x Far_LoA	-8,23500658	-0,028	0,316
CHR6	13198662	CHR6:13198662	SSF x Far_LoA	-10,581939	-0,063	0,295
CHR6	13198685	CHR6:13198685	SSF x Far_LoA	-8,58220353	-0,020	0,318
CHR6	13198714	CHR6:13198714	SSF x Far_LoA	-9,39815129	-0,060	0,305
CHR6	13203994	CHR6:13203994	SSF x Far_LoA	6,36216016	-0,108	0,297
CHR6	13204005	CHR6:13204005	SSF x Far_LoA	-8,24666774	-0,046	0,314
CHR6	132195	CHR6:132195	SSF x Far_LoA	-10,3342722	-0,087	0,303
CHR6	132196	CHR6:132196	SSF x Far_LoA	-7,13168615	-0,089	0,311
CHR6	13229133	CHR6:13229133	SSF x Far_LoA	-10,0424734	0,104	0,299
CHR6	13232734	CHR6:13232734	SSF x Far_LoA	-9,16486447	-0,004	0,305
CHR6	132406	CHR6:132406	SSF x Far_LoA	-8,44495387	0,038	0,306
CHR6	13251139	CHR6:13251139	SSF x Far_LoA	-4,35368403	-0,134	0,295
CHR6	13251153	CHR6:13251153	SSF x Far_LoA	-8,88629569	-0,108	0,298
CHR6	13251174	CHR6:13251174	SSF x Far_LoA	-8,22548631	-0,047	0,300
CHR6	13253898	CHR6:13253898	SSF x Far_LoA	-10,3793204	0,030	0,305
CHR6	13254853	CHR6:13254853	SSF x Far_LoA	-9,69225389	-0,057	0,305
CHR6	13254859	CHR6:13254859	SSF x Far_LoA	-10,5267982	0,000	0,312
CHR6	13254860	CHR6:13254860	SSF x Far_LoA	-8,3585341	-0,018	0,301
CHR6	13254861	CHR6:13254861	SSF x Far_LoA	-9,14755997	-0,001	0,305
CHR6	13254892	CHR6:13254892	SSF x Far_LoA	-9,23043589	-0,065	0,308
CHR6	13257747	CHR6:13257747	SSF x Far_LoA	-10,6836592	-0,004	0,312
CHR6	13257770	CHR6:13257770	SSF x Far_LoA	-11,8538217	-0,049	0,302

CHR6	13257796	CHR6:13257796	SSF x Far_LoA	-7,31515814	-0,161	0,304
CHR6	13261985	CHR6:13261985	SSF x Far_LoA	-9,71313479	0,058	0,308
CHR6	13263264	CHR6:13263264	SSF x Far_LoA	-11,616975	-0,013	0,308
CHR6	13263267	CHR6:13263267	SSF x Far_LoA	-9,2997189	-0,023	0,294
CHR6	13263287	CHR6:13263287	SSF x Far_LoA	-10,1859308	0,079	0,308
CHR6	13263318	CHR6:13263318	SSF x Far_LoA	-10,7753263	-0,034	0,303
CHR6	13268517	CHR6:13268517	SSF x Far_LoA	-9,69468994	-0,058	0,293
CHR6	13268530	CHR6:13268530	SSF x Far_LoA	-7,55280519	-0,052	0,298
CHR6	13268540	CHR6:13268540	SSF x Far_LoA	-10,9807584	-0,090	0,302
CHR6	13268589	CHR6:13268589	SSF x Far_LoA	-10,5737278	0,038	0,314
CHR6	13272953	CHR6:13272953	SSF x Far_LoA	-8,20576754	-0,041	0,312
CHR6	13272958	CHR6:13272958	SSF x Far_LoA	-10,9058825	0,095	0,295
CHR6	13273044	CHR6:13273044	SSF x Far_LoA	-8,60843753	0,002	0,324
CHR6	13278104	CHR6:13278104	SSF x Far_LoA	-9,2382617	0,002	0,320
CHR6	13278105	CHR6:13278105	SSF x Far_LoA	-8,6342832	0,021	0,315
CHR6	13280054	CHR6:13280054	SSF x Far_LoA	-7,09677158	0,109	0,306
CHR6	13280174	CHR6:13280174	SSF x Far_LoA	-11,0351297	-0,077	0,316
CHR6	13284046	CHR6:13284046	SSF x Far_LoA	-11,2753031	-0,089	0,311
CHR6	1329828	CHR6:1329828	SSF x Far_LoA	-8,19400977	-0,079	0,301
CHR6	1329832	CHR6:1329832	SSF x Far_LoA	-10,8642529	-0,048	0,307
CHR6	1331427	CHR6:1331427	SSF x Far_LoA	-8,83854395	-0,121	0,307
CHR6	1331453	CHR6:1331453	SSF x Far_LoA	-9,68947555	-0,058	0,310
CHR6	13324553	CHR6:13324553	SSF x Far_LoA	-9,96106148	0,008	0,309
CHR6	13324669	CHR6:13324669	SSF x Far_LoA	-10,6309469	-0,073	0,310
CHR6	13324670	CHR6:13324670	SSF x Far_LoA	-8,20512094	-0,053	0,329
CHR6	13329506	CHR6:13329506	SSF x Far_LoA	-9,35099081	0,019	0,308
CHR6	13334755	CHR6:13334755	SSF x Far_LoA	-9,75191335	-0,041	0,301
CHR6	13334823	CHR6:13334823	SSF x Far_LoA	-1,99423424	-0,094	0,298
CHR6	13335756	CHR6:13335756	SSF x Far_LoA	-10,9576654	-0,070	0,322
CHR6	13335768	CHR6:13335768	SSF x Far_LoA	-9,90045099	0,056	0,315
CHR6	13335826	CHR6:13335826	SSF x Far_LoA	-11,0963321	-0,115	0,313
CHR6	13335880	CHR6:13335880	SSF x Far_LoA	-10,5092497	-0,046	0,303
CHR6	13341737	CHR6:13341737	SSF x Far_LoA	-10,6373034	0,057	0,304
CHR6	13341761	CHR6:13341761	SSF x Far_LoA	-7,92146174	-0,166	0,286
CHR6	13341812	CHR6:13341812	SSF x Far_LoA	-10,6479434	0,004	0,291
CHR6	13341821	CHR6:13341821	SSF x Far_LoA	-10,2543836	0,021	0,299
CHR6	13341837	CHR6:13341837	SSF x Far_LoA	-7,83184378	-0,194	0,286
CHR6	13341842	CHR6:13341842	SSF x Far_LoA	-9,13109687	-0,039	0,304
CHR6	13341852	CHR6:13341852	SSF x Far_LoA	-9,58387217	-0,057	0,313
CHR6	13342449	CHR6:13342449	SSF x Far_LoA	-9,32956385	-0,054	0,305
CHR6	13342517	CHR6:13342517	SSF x Far_LoA	-11,4470111	-0,069	0,282
CHR6	13345245	CHR6:13345245	SSF x Far_LoA	-7,46016245	0,121	0,304
CHR6	13345292	CHR6:13345292	SSF x Far_LoA	-8,49309152	-0,129	0,292
CHR6	13345381	CHR6:13345381	SSF x Far_LoA	-11,7467576	0,032	0,310
CHR6	13345445	CHR6:13345445	SSF x Far_LoA	-10,1271665	0,026	0,309
CHR6	13351300	CHR6:13351300	SSF x Far_LoA	-8,37622695	-0,025	0,319
CHR6	1335409	CHR6:1335409	SSF x Far_LoA	-11,3166031	0,050	0,290
CHR6	1335416	CHR6:1335416	SSF x Far_LoA	-9,36260092	-0,149	0,301
CHR6	13370622	CHR6:13370622	SSF x Far_LoA	-8,83007821	0,147	0,282
CHR6	13385314	CHR6:13385314	SSF x Far_LoA	-10,6135571	-0,050	0,319
CHR6	13439048	CHR6:13439048	SSF x Far_LoA	-8,49326626	0,021	0,313
CHR6	13439084	CHR6:13439084	SSF x Far_LoA	-8,90153873	0,003	0,325
CHR6	13439099	CHR6:13439099	SSF x Far_LoA	-8,53371754	0,001	0,320

CHR6	13439127	CHR6:13439127	SSF x Far_LoA	-9,01235967	0,026	0,320
CHR6	13454605	CHR6:13454605	SSF x Far_LoA	-9,09230018	-0,006	0,317
CHR6	13454673	CHR6:13454673	SSF x Far_LoA	-8,94924197	0,030	0,311
CHR6	13454712	CHR6:13454712	SSF x Far_LoA	19,9152891	-0,023	0,314
CHR6	13500881	CHR6:13500881	SSF x Far_LoA	-10,6891247	0,026	0,328
CHR6	13500924	CHR6:13500924	SSF x Far_LoA	-6,42699229	0,249	0,280
CHR6	1352183	CHR6:1352183	SSF x Far_LoA	-8,41520003	-0,022	0,314
CHR6	13603823	CHR6:13603823	SSF x Far_LoA	-8,57243442	-0,003	0,332
CHR6	13603878	CHR6:13603878	SSF x Far_LoA	-8,64068687	-0,011	0,319
CHR6	13603886	CHR6:13603886	SSF x Far_LoA	-8,1879252	-0,021	0,324
CHR6	13603901	CHR6:13603901	SSF x Far_LoA	-8,12974874	0,006	0,314
CHR6	13603903	CHR6:13603903	SSF x Far_LoA	-3,06252071	0,007	0,322
CHR6	13603912	CHR6:13603912	SSF x Far_LoA	-9,17690259	0,007	0,313
CHR6	13603985	CHR6:13603985	SSF x Far_LoA	-8,7396189	-0,013	0,311
CHR6	13603986	CHR6:13603986	SSF x Far_LoA	-6,1645639	0,009	0,323
CHR6	13604014	CHR6:13604014	SSF x Far_LoA	-8,02389703	-0,020	0,317
CHR6	13604052	CHR6:13604052	SSF x Far_LoA	-7,5374287	-0,010	0,324
CHR6	13604063	CHR6:13604063	SSF x Far_LoA	-7,67551821	0,003	0,314
CHR6	13604104	CHR6:13604104	SSF x Far_LoA	-8,8695893	-0,004	0,316
CHR6	13604106	CHR6:13604106	SSF x Far_LoA	-9,52820521	0,012	0,299
CHR6	13604115	CHR6:13604115	SSF x Far_LoA	-7,85232761	0,006	0,299
CHR6	13604141	CHR6:13604141	SSF x Far_LoA	-9,16472094	-0,001	0,316
CHR6	13604142	CHR6:13604142	SSF x Far_LoA	-9,29585791	-0,031	0,308
CHR6	1362247	CHR6:1362247	SSF x Far_LoA	-11,092111	0,100	0,292
CHR6	1362358	CHR6:1362358	SSF x Far_LoA	-8,57321007	-0,061	0,306
CHR6	1362389	CHR6:1362389	SSF x Far_LoA	-10,1100963	0,086	0,298
CHR6	1362469	CHR6:1362469	SSF x Far_LoA	-10,8228132	-0,030	0,302
CHR6	1362470	CHR6:1362470	SSF x Far_LoA	-10,0768291	-0,023	0,306
CHR6	13628010	CHR6:13628010	SSF x Far_LoA	-11,847842	0,037	0,316
CHR6	1364299	CHR6:1364299	SSF x Far_LoA	-11,5548136	0,062	0,302
CHR6	13644282	CHR6:13644282	SSF x Far_LoA	-11,2443228	0,035	0,296
CHR6	1364449	CHR6:1364449	SSF x Far_LoA	-10,553547	0,056	0,305
CHR6	1364502	CHR6:1364502	SSF x Far_LoA	-11,2516328	0,076	0,292
CHR6	1364510	CHR6:1364510	SSF x Far_LoA	-8,5589031	-0,147	0,313
CHR6	1364514	CHR6:1364514	SSF x Far_LoA	-5,45664482	-0,171	0,300
CHR6	1367132	CHR6:1367132	SSF x Far_LoA	-8,03013157	0,008	0,302
CHR6	1367216	CHR6:1367216	SSF x Far_LoA	-9,20168855	-0,157	0,303
CHR6	1367240	CHR6:1367240	SSF x Far_LoA	-9,47664608	-0,019	0,306
CHR6	1367334	CHR6:1367334	SSF x Far_LoA	-9,76116025	-0,031	0,303
CHR6	1367341	CHR6:1367341	SSF x Far_LoA	-10,1810352	-0,015	0,297
CHR6	1368281	CHR6:1368281	SSF x Far_LoA	-9,46594111	0,002	0,312
CHR6	1368300	CHR6:1368300	SSF x Far_LoA	-9,27465695	-0,025	0,302
CHR6	13734826	CHR6:13734826	SSF x Far_LoA	-9,2317437	-0,041	0,308
CHR6	13734862	CHR6:13734862	SSF x Far_LoA	-6,29815828	-0,006	0,294
CHR6	13734875	CHR6:13734875	SSF x Far_LoA	-8,69738415	-0,090	0,305
CHR6	13734904	CHR6:13734904	SSF x Far_LoA	0,67758754	0,024	0,312
CHR6	1374202	CHR6:1374202	SSF x Far_LoA	-7,23402291	-0,108	0,308
CHR6	1374266	CHR6:1374266	SSF x Far_LoA	-10,7476017	-0,088	0,311
CHR6	1374429	CHR6:1374429	SSF x Far_LoA	-9,71008265	-0,006	0,281
CHR6	13795949	CHR6:13795949	SSF x Far_LoA	-11,5591215	0,076	0,294
CHR6	13805750	CHR6:13805750	SSF x Far_LoA	-3,56060321	0,043	0,326
CHR6	13805788	CHR6:13805788	SSF x Far_LoA	-8,67694787	0,003	0,323
CHR6	13805792	CHR6:13805792	SSF x Far_LoA	-9,30360517	0,030	0,316

CHR6	13805837	CHR6:13805837	SSF x Far_LoA	-7,83604535	-0,003	0,333
CHR6	13805850	CHR6:13805850	SSF x Far_LoA	-8,67191065	0,030	0,319
CHR6	13805855	CHR6:13805855	SSF x Far_LoA	-8,80778048	0,025	0,318
CHR6	13805866	CHR6:13805866	SSF x Far_LoA	-8,29533274	0,011	0,309
CHR6	13805895	CHR6:13805895	SSF x Far_LoA	-8,94894117	-0,007	0,315
CHR6	13805936	CHR6:13805936	SSF x Far_LoA	-9,00688178	-0,024	0,313
CHR6	13805948	CHR6:13805948	SSF x Far_LoA	-6,77780798	-0,017	0,320
CHR6	13814547	CHR6:13814547	SSF x Far_LoA	-11,479005	-0,054	0,311
CHR6	13817120	CHR6:13817120	SSF x Far_LoA	-10,1208194	-0,053	0,305
CHR6	13828745	CHR6:13828745	SSF x Far_LoA	-8,53954617	0,033	0,323
CHR6	13828867	CHR6:13828867	SSF x Far_LoA	-8,81635258	0,001	0,307
CHR6	13841631	CHR6:13841631	SSF x Far_LoA	-8,86563003	0,017	0,306
CHR6	13841650	CHR6:13841650	SSF x Far_LoA	-7,62668022	0,016	0,320
CHR6	13841727	CHR6:13841727	SSF x Far_LoA	-7,98460285	0,009	0,324
CHR6	13895964	CHR6:13895964	SSF x Far_LoA	-9,96129814	0,020	0,297
CHR6	13917176	CHR6:13917176	SSF x Far_LoA	-9,38822655	0,037	0,314
CHR6	13963660	CHR6:13963660	SSF x Far_LoA	-8,38702395	-0,012	0,315
CHR6	13963775	CHR6:13963775	SSF x Far_LoA	-9,03574356	0,037	0,321
CHR6	13963785	CHR6:13963785	SSF x Far_LoA	-8,53325157	0,022	0,323
CHR6	14002011	CHR6:14002011	SSF x Far_LoA	-8,78988428	-0,015	0,313
CHR6	14002044	CHR6:14002044	SSF x Far_LoA	-8,83220057	-0,008	0,323
CHR6	14002082	CHR6:14002082	SSF x Far_LoA	-8,65797275	-0,058	0,311
CHR6	14045718	CHR6:14045718	SSF x Far_LoA	-12,6492012	0,066	0,290
CHR6	14045815	CHR6:14045815	SSF x Far_LoA	-11,9407195	0,023	0,315
CHR6	14061249	CHR6:14061249	SSF x Far_LoA	-8,93118284	0,051	0,308
CHR6	14061273	CHR6:14061273	SSF x Far_LoA	-9,05203521	-0,001	0,316
CHR6	14061290	CHR6:14061290	SSF x Far_LoA	-8,47902952	0,005	0,312
CHR6	14104948	CHR6:14104948	SSF x Far_LoA	-8,40855166	-0,092	0,301
CHR6	1410724	CHR6:1410724	SSF x Far_LoA	-9,73173437	-0,028	0,314
CHR6	14120221	CHR6:14120221	SSF x Far_LoA	-9,36387539	0,026	0,290
CHR6	14120319	CHR6:14120319	SSF x Far_LoA	-8,5205438	0,012	0,305
CHR6	14122444	CHR6:14122444	SSF x Far_LoA	-10,8673066	-0,007	0,288
CHR6	14132450	CHR6:14132450	SSF x Far_LoA	-9,33462458	-0,068	0,307
CHR6	14132476	CHR6:14132476	SSF x Far_LoA	-10,1434806	-0,065	0,304
CHR6	14142373	CHR6:14142373	SSF x Far_LoA	-9,57629347	0,051	0,318
CHR6	14142422	CHR6:14142422	SSF x Far_LoA	-10,9232058	0,013	0,294
CHR6	14149623	CHR6:14149623	SSF x Far_LoA	-9,88336269	-0,001	0,312
CHR6	14171774	CHR6:14171774	SSF x Far_LoA	-8,83768728	-0,010	0,292
CHR6	14177390	CHR6:14177390	SSF x Far_LoA	-11,8904681	0,055	0,296
CHR6	14185854	CHR6:14185854	SSF x Far_LoA	-9,04861975	-0,131	0,313
CHR6	14197375	CHR6:14197375	SSF x Far_LoA	-9,04862503	0,024	0,306
CHR6	14197391	CHR6:14197391	SSF x Far_LoA	-7,7504237	-0,023	0,315
CHR6	14197394	CHR6:14197394	SSF x Far_LoA	-7,78694478	-0,007	0,312
CHR6	14197413	CHR6:14197413	SSF x Far_LoA	-7,95872211	0,009	0,318
CHR6	14216029	CHR6:14216029	SSF x Far_LoA	-7,87269595	-0,117	0,310
CHR6	14217520	CHR6:14217520	SSF x Far_LoA	-0,46857402	0,223	0,288
CHR6	14217535	CHR6:14217535	SSF x Far_LoA	-10,9566941	-0,020	0,310
CHR6	14217631	CHR6:14217631	SSF x Far_LoA	-7,0684714	-0,170	0,309
CHR6	14225209	CHR6:14225209	SSF x Far_LoA	-11,5842213	-0,046	0,310
CHR6	14225215	CHR6:14225215	SSF x Far_LoA	-11,2623244	-0,044	0,306
CHR6	14225221	CHR6:14225221	SSF x Far_LoA	-11,245967	-0,037	0,320
CHR6	14225224	CHR6:14225224	SSF x Far_LoA	-11,4952051	-0,059	0,296
CHR6	14225226	CHR6:14225226	SSF x Far_LoA	-10,593579	-0,060	0,306

CHR6	14225257	CHR6:14225257	SSF x Far_LoA	-8,51562694	-0,032	0,313
CHR6	14225302	CHR6:14225302	SSF x Far_LoA	-11,8474755	-0,054	0,307
CHR6	14225320	CHR6:14225320	SSF x Far_LoA	-11,2151825	-0,037	0,309
CHR6	14225335	CHR6:14225335	SSF x Far_LoA	-12,1445368	-0,029	0,305
CHR6	14225456	CHR6:14225456	SSF x Far_LoA	-0,31065562	-0,093	0,314
CHR6	14230420	CHR6:14230420	SSF x Far_LoA	-12,1332468	0,015	0,309
CHR6	14230512	CHR6:14230512	SSF x Far_LoA	-10,5255551	0,000	0,304
CHR6	14230522	CHR6:14230522	SSF x Far_LoA	-8,95808501	-0,108	0,305
CHR6	14239441	CHR6:14239441	SSF x Far_LoA	-9,67826839	0,075	0,306
CHR6	14239540	CHR6:14239540	SSF x Far_LoA	-8,0594161	0,044	0,310
CHR6	14239995	CHR6:14239995	SSF x Far_LoA	-8,37126924	-0,028	0,313
CHR6	14239997	CHR6:14239997	SSF x Far_LoA	-9,67154434	-0,020	0,302
CHR6	14240004	CHR6:14240004	SSF x Far_LoA	-9,04437392	0,004	0,321
CHR6	14240014	CHR6:14240014	SSF x Far_LoA	-6,66369249	-0,033	0,326
CHR6	14240021	CHR6:14240021	SSF x Far_LoA	-8,33316459	-0,009	0,316
CHR6	14240035	CHR6:14240035	SSF x Far_LoA	-8,3582639	-0,026	0,320
CHR6	14240045	CHR6:14240045	SSF x Far_LoA	-8,76745361	-0,041	0,315
CHR6	14240054	CHR6:14240054	SSF x Far_LoA	-9,07509567	-0,049	0,306
CHR6	14240062	CHR6:14240062	SSF x Far_LoA	-6,78662221	-0,028	0,312
CHR6	14240078	CHR6:14240078	SSF x Far_LoA	-8,02091155	-0,049	0,321
CHR6	1425652	CHR6:1425652	SSF x Far_LoA	-11,7610038	0,030	0,305
CHR6	1425681	CHR6:1425681	SSF x Far_LoA	-10,6834027	-0,043	0,318
CHR6	14274344	CHR6:14274344	SSF x Far_LoA	-11,043552	0,004	0,305
CHR6	14278522	CHR6:14278522	SSF x Far_LoA	-8,17877964	-0,014	0,306
CHR6	14313286	CHR6:14313286	SSF x Far_LoA	-8,79547643	-0,081	0,305
CHR6	14313326	CHR6:14313326	SSF x Far_LoA	-8,81984166	-0,051	0,308
CHR6	1432273	CHR6:1432273	SSF x Far_LoA	-9,10842048	-0,089	0,325
CHR6	1432360	CHR6:1432360	SSF x Far_LoA	-9,22667258	-0,002	0,300
CHR6	14324446	CHR6:14324446	SSF x Far_LoA	-10,9859427	0,097	0,305
CHR6	14324477	CHR6:14324477	SSF x Far_LoA	-6,53424026	0,085	0,318
CHR6	14331385	CHR6:14331385	SSF x Far_LoA	-10,9764302	0,081	0,302
CHR6	14343889	CHR6:14343889	SSF x Far_LoA	-5,77069357	0,168	0,297
CHR6	14353585	CHR6:14353585	SSF x Far_LoA	-9,48032426	-0,044	0,311
CHR6	1435446	CHR6:1435446	SSF x Far_LoA	-10,5976315	0,005	0,299
CHR6	14359793	CHR6:14359793	SSF x Far_LoA	-11,0059618	0,023	0,302
CHR6	14366786	CHR6:14366786	SSF x Far_LoA	-10,2459121	0,026	0,317
CHR6	14366910	CHR6:14366910	SSF x Far_LoA	-9,63341623	-0,042	0,315
CHR6	1437745	CHR6:1437745	SSF x Far_LoA	-9,37166387	-0,080	0,314
CHR6	1437757	CHR6:1437757	SSF x Far_LoA	-9,03143314	0,152	0,288
CHR6	1438479	CHR6:1438479	SSF x Far_LoA	-11,5348831	0,016	0,300
CHR6	1438519	CHR6:1438519	SSF x Far_LoA	-9,6412658	-0,014	0,299
CHR6	1438541	CHR6:1438541	SSF x Far_LoA	-9,58777113	-0,011	0,313
CHR6	14398251	CHR6:14398251	SSF x Far_LoA	-10,4726499	-0,074	0,312
CHR6	14398301	CHR6:14398301	SSF x Far_LoA	-8,0209974	-0,134	0,305
CHR6	14398309	CHR6:14398309	SSF x Far_LoA	-4,5367183	-0,141	0,312
CHR6	14398332	CHR6:14398332	SSF x Far_LoA	-9,98882944	-0,072	0,313
CHR6	14398773	CHR6:14398773	SSF x Far_LoA	-9,41031245	-0,055	0,307
CHR6	14398806	CHR6:14398806	SSF x Far_LoA	-10,7107588	-0,093	0,314
CHR6	14400985	CHR6:14400985	SSF x Far_LoA	-7,89093334	0,122	0,298
CHR6	14415233	CHR6:14415233	SSF x Far_LoA	-10,0488322	0,076	0,314
CHR6	14415279	CHR6:14415279	SSF x Far_LoA	-7,79666202	-0,063	0,307
CHR6	14423269	CHR6:14423269	SSF x Far_LoA	-5,70618401	0,123	0,297
CHR6	14424230	CHR6:14424230	SSF x Far_LoA	-8,33311718	0,079	0,315

CHR6	14450108	CHR6:14450108	SSF x Far_LoA	-5,08609281	0,081	0,289
CHR6	14450156	CHR6:14450156	SSF x Far_LoA	-6,9068312	-0,174	0,296
CHR6	14452002	CHR6:14452002	SSF x Far_LoA	-9,32309568	-0,021	0,296
CHR6	14452005	CHR6:14452005	SSF x Far_LoA	-9,48514997	0,026	0,302
CHR6	14452063	CHR6:14452063	SSF x Far_LoA	-8,39763446	0,023	0,303
CHR6	14452125	CHR6:14452125	SSF x Far_LoA	-9,12852585	0,085	0,290
CHR6	14452170	CHR6:14452170	SSF x Far_LoA	-3,93957829	0,066	0,309
CHR6	14452189	CHR6:14452189	SSF x Far_LoA	-8,05788451	-0,137	0,312
CHR6	14452266	CHR6:14452266	SSF x Far_LoA	-6,76899778	0,024	0,295
CHR6	14458132	CHR6:14458132	SSF x Far_LoA	-7,69113098	-0,090	0,313
CHR6	14510194	CHR6:14510194	SSF x Far_LoA	-5,40956095	-0,022	0,310
CHR6	14510213	CHR6:14510213	SSF x Far_LoA	-10,4397858	-0,042	0,300
CHR6	14511701	CHR6:14511701	SSF x Far_LoA	-8,70168583	0,049	0,303
CHR6	14511706	CHR6:14511706	SSF x Far_LoA	-9,42763468	0,051	0,311
CHR6	14511750	CHR6:14511750	SSF x Far_LoA	-10,4106509	0,062	0,311
CHR6	14511762	CHR6:14511762	SSF x Far_LoA	-8,99759853	0,043	0,306
CHR6	14511774	CHR6:14511774	SSF x Far_LoA	-9,45279907	-0,006	0,315
CHR6	14511780	CHR6:14511780	SSF x Far_LoA	-8,73842354	0,020	0,316
CHR6	14511782	CHR6:14511782	SSF x Far_LoA	-9,38510845	0,022	0,306
CHR6	14513621	CHR6:14513621	SSF x Far_LoA	-9,32103625	0,009	0,303
CHR6	14513650	CHR6:14513650	SSF x Far_LoA	-10,6018469	0,067	0,292
CHR6	14513678	CHR6:14513678	SSF x Far_LoA	-9,93417944	0,065	0,312
CHR6	14513688	CHR6:14513688	SSF x Far_LoA	-8,51187823	-0,136	0,304
CHR6	14517162	CHR6:14517162	SSF x Far_LoA	-9,2858226	-0,017	0,295
CHR6	14517197	CHR6:14517197	SSF x Far_LoA	-9,61634162	0,059	0,300
CHR6	14517198	CHR6:14517198	SSF x Far_LoA	-8,51129954	0,020	0,307
CHR6	14517240	CHR6:14517240	SSF x Far_LoA	-10,1723216	-0,063	0,295
CHR6	14517245	CHR6:14517245	SSF x Far_LoA	-9,65969579	-0,056	0,302
CHR6	14517249	CHR6:14517249	SSF x Far_LoA	-10,6160512	-0,065	0,299
CHR6	14519867	CHR6:14519867	SSF x Far_LoA	-9,71179179	-0,011	0,307
CHR6	14528990	CHR6:14528990	SSF x Far_LoA	-8,59443842	-0,080	0,300
CHR6	14529048	CHR6:14529048	SSF x Far_LoA	-9,31009144	0,019	0,309
CHR6	14557759	CHR6:14557759	SSF x Far_LoA	-7,59002903	0,069	0,313
CHR6	14557782	CHR6:14557782	SSF x Far_LoA	-9,99655455	-0,014	0,301
CHR6	14557855	CHR6:14557855	SSF x Far_LoA	-9,06858752	-0,024	0,322
CHR6	14559794	CHR6:14559794	SSF x Far_LoA	-9,01982887	-0,068	0,294
CHR6	14559798	CHR6:14559798	SSF x Far_LoA	-7,9606663	-0,021	0,329
CHR6	14563263	CHR6:14563263	SSF x Far_LoA	-9,21333049	-0,131	0,299
CHR6	14563292	CHR6:14563292	SSF x Far_LoA	-8,57795078	-0,056	0,305
CHR6	1456990	CHR6:1456990	SSF x Far_LoA	-9,3258248	0,002	0,311
CHR6	1457018	CHR6:1457018	SSF x Far_LoA	-7,88403119	-0,064	0,314
CHR6	1457048	CHR6:1457048	SSF x Far_LoA	-8,06545905	0,116	0,306
CHR6	14570530	CHR6:14570530	SSF x Far_LoA	-9,41012021	0,021	0,286
CHR6	14570642	CHR6:14570642	SSF x Far_LoA	-9,92132626	-0,075	0,302
CHR6	14570667	CHR6:14570667	SSF x Far_LoA	-9,22503913	-0,014	0,313
CHR6	14570754	CHR6:14570754	SSF x Far_LoA	-10,7577114	-0,080	0,316
CHR6	1457095	CHR6:1457095	SSF x Far_LoA	-7,98706945	0,151	0,299
CHR6	14575724	CHR6:14575724	SSF x Far_LoA	-6,91197277	0,152	0,308
CHR6	14575728	CHR6:14575728	SSF x Far_LoA	-7,26000581	0,163	0,300
CHR6	14575763	CHR6:14575763	SSF x Far_LoA	-7,49853475	0,144	0,299
CHR6	14575804	CHR6:14575804	SSF x Far_LoA	-9,59032088	0,047	0,294
CHR6	14575832	CHR6:14575832	SSF x Far_LoA	-11,2804848	-0,037	0,315
CHR6	14575872	CHR6:14575872	SSF x Far_LoA	-10,0011845	0,018	0,300

CHR6	14575893	CHR6:14575893	SSF x Far_LoA	-10,3227789	0,005	0,304
CHR6	14582666	CHR6:14582666	SSF x Far_LoA	-10,352419	0,054	0,291
CHR6	14582718	CHR6:14582718	SSF x Far_LoA	-11,650901	-0,030	0,309
CHR6	14582745	CHR6:14582745	SSF x Far_LoA	-8,04145646	-0,013	0,299
CHR6	14582775	CHR6:14582775	SSF x Far_LoA	-8,50712157	0,110	0,296
CHR6	14582799	CHR6:14582799	SSF x Far_LoA	-4,71386171	0,025	0,295
CHR6	14597996	CHR6:14597996	SSF x Far_LoA	-5,78931552	-0,047	0,301
CHR6	14598062	CHR6:14598062	SSF x Far_LoA	-9,55244976	0,066	0,306
CHR6	14598205	CHR6:14598205	SSF x Far_LoA	-7,31867178	-0,122	0,309
CHR6	1460125	CHR6:1460125	SSF x Far_LoA	-8,29363503	0,021	0,312
CHR6	1460251	CHR6:1460251	SSF x Far_LoA	-11,2874342	-0,006	0,305
CHR6	1460256	CHR6:1460256	SSF x Far_LoA	-11,9130258	0,046	0,297
CHR6	14602962	CHR6:14602962	SSF x Far_LoA	-10,0814993	0,036	0,310
CHR6	14613714	CHR6:14613714	SSF x Far_LoA	-10,2270232	0,082	0,307
CHR6	14613847	CHR6:14613847	SSF x Far_LoA	-10,5991149	0,081	0,296
CHR6	14622501	CHR6:14622501	SSF x Far_LoA	-6,64733596	-0,109	0,307
CHR6	14626024	CHR6:14626024	SSF x Far_LoA	-10,8016228	-0,013	0,308
CHR6	14626079	CHR6:14626079	SSF x Far_LoA	-11,0884643	0,022	0,300
CHR6	14626101	CHR6:14626101	SSF x Far_LoA	-7,98398555	0,066	0,316
CHR6	14646928	CHR6:14646928	SSF x Far_LoA	-9,84182605	-0,009	0,299
CHR6	14646946	CHR6:14646946	SSF x Far_LoA	-10,358031	-0,040	0,297
CHR6	14647060	CHR6:14647060	SSF x Far_LoA	-9,01086246	-0,045	0,305
CHR6	14647101	CHR6:14647101	SSF x Far_LoA	-8,98443196	-0,028	0,310
CHR6	14647127	CHR6:14647127	SSF x Far_LoA	-9,42715904	-0,002	0,310
CHR6	14650349	CHR6:14650349	SSF x Far_LoA	-10,3925877	-0,071	0,306
CHR6	14650370	CHR6:14650370	SSF x Far_LoA	-9,0335161	-0,135	0,305
CHR6	14650434	CHR6:14650434	SSF x Far_LoA	-11,30174	0,040	0,297
CHR6	14650437	CHR6:14650437	SSF x Far_LoA	-11,6758612	0,026	0,304
CHR6	14650448	CHR6:14650448	SSF x Far_LoA	-12,2301525	0,012	0,312
CHR6	14650454	CHR6:14650454	SSF x Far_LoA	-7,7655836	0,052	0,311
CHR6	14650463	CHR6:14650463	SSF x Far_LoA	-10,5543966	0,094	0,307
CHR6	14650470	CHR6:14650470	SSF x Far_LoA	-11,3023074	0,043	0,294
CHR6	14650606	CHR6:14650606	SSF x Far_LoA	-10,1157014	-0,032	0,306
CHR6	1465472	CHR6:1465472	SSF x Far_LoA	-11,0568627	-0,017	0,304
CHR6	1465476	CHR6:1465476	SSF x Far_LoA	-6,88506206	0,127	0,310
CHR6	14656723	CHR6:14656723	SSF x Far_LoA	-6,28024	0,127	0,310
CHR6	14657793	CHR6:14657793	SSF x Far_LoA	-8,21059586	0,071	0,313
CHR6	14657794	CHR6:14657794	SSF x Far_LoA	-6,33207249	0,084	0,306
CHR6	14657859	CHR6:14657859	SSF x Far_LoA	-7,410112	-0,098	0,295
CHR6	14657882	CHR6:14657882	SSF x Far_LoA	-10,4715129	0,039	0,305
CHR6	14657941	CHR6:14657941	SSF x Far_LoA	-3,87365806	0,164	0,290
CHR6	14657970	CHR6:14657970	SSF x Far_LoA	-10,4876915	0,040	0,310
CHR6	14657982	CHR6:14657982	SSF x Far_LoA	-5,64223771	0,139	0,297
CHR6	14658023	CHR6:14658023	SSF x Far_LoA	-6,94191929	0,148	0,307
CHR6	14661128	CHR6:14661128	SSF x Far_LoA	-7,91084278	-0,093	0,302
CHR6	14661205	CHR6:14661205	SSF x Far_LoA	-9,95695864	-0,013	0,310
CHR6	14666569	CHR6:14666569	SSF x Far_LoA	-8,60542177	0,026	0,309
CHR6	14666573	CHR6:14666573	SSF x Far_LoA	-9,59952499	-0,044	0,301
CHR6	14666590	CHR6:14666590	SSF x Far_LoA	-11,6688068	0,084	0,308
CHR6	14666621	CHR6:14666621	SSF x Far_LoA	-8,3349004	0,039	0,313
CHR6	14666622	CHR6:14666622	SSF x Far_LoA	-8,95556066	-0,111	0,305
CHR6	14666626	CHR6:14666626	SSF x Far_LoA	-10,4974723	0,097	0,308
CHR6	14666667	CHR6:14666667	SSF x Far_LoA	-10,5479208	0,115	0,308

CHR6	14670131	CHR6:14670131	SSF x Far_LoA	-9,99235326	-0,052	0,300
CHR6	14684072	CHR6:14684072	SSF x Far_LoA	-8,52430383	0,041	0,317
CHR6	14688865	CHR6:14688865	SSF x Far_LoA	-1,52941286	0,118	0,322
CHR6	14688899	CHR6:14688899	SSF x Far_LoA	-5,47248961	0,157	0,313
CHR6	14689047	CHR6:14689047	SSF x Far_LoA	-8,86828601	-0,018	0,316
CHR6	14689071	CHR6:14689071	SSF x Far_LoA	-9,62517699	0,060	0,310
CHR6	14693872	CHR6:14693872	SSF x Far_LoA	-4,01051512	0,002	0,318
CHR6	14693879	CHR6:14693879	SSF x Far_LoA	-9,26915755	0,003	0,317
CHR6	14693897	CHR6:14693897	SSF x Far_LoA	-11,1631436	0,056	0,301
CHR6	14694065	CHR6:14694065	SSF x Far_LoA	-4,61827531	0,082	0,307
CHR6	14694085	CHR6:14694085	SSF x Far_LoA	-9,38047456	-0,103	0,312
CHR6	14694116	CHR6:14694116	SSF x Far_LoA	-10,0658912	-0,112	0,303
CHR6	14694144	CHR6:14694144	SSF x Far_LoA	-9,14746314	-0,027	0,316
CHR6	14694153	CHR6:14694153	SSF x Far_LoA	-9,04871002	-0,068	0,302
CHR6	14694174	CHR6:14694174	SSF x Far_LoA	-10,5626759	-0,071	0,304
CHR6	14700480	CHR6:14700480	SSF x Far_LoA	-11,2125604	-0,017	0,295
CHR6	14700494	CHR6:14700494	SSF x Far_LoA	-5,76253823	-0,203	0,306
CHR6	14700581	CHR6:14700581	SSF x Far_LoA	-10,6119036	-0,018	0,311
CHR6	14700587	CHR6:14700587	SSF x Far_LoA	-0,11810533	-0,017	0,308
CHR6	14700593	CHR6:14700593	SSF x Far_LoA	-9,55385073	0,001	0,324
CHR6	14741581	CHR6:14741581	SSF x Far_LoA	-9,30558979	-0,039	0,321
CHR6	14741586	CHR6:14741586	SSF x Far_LoA	-9,2454831	0,039	0,304
CHR6	14741598	CHR6:14741598	SSF x Far_LoA	-10,6148016	-0,019	0,323
CHR6	14741670	CHR6:14741670	SSF x Far_LoA	-9,05343917	-0,045	0,313
CHR6	14741671	CHR6:14741671	SSF x Far_LoA	-8,98941482	0,035	0,317
CHR6	14741720	CHR6:14741720	SSF x Far_LoA	-8,56636974	0,086	0,309
CHR6	14741781	CHR6:14741781	SSF x Far_LoA	-10,1254489	-0,038	0,308
CHR6	14741821	CHR6:14741821	SSF x Far_LoA	-9,27628231	0,045	0,307
CHR6	14745834	CHR6:14745834	SSF x Far_LoA	-8,5737648	-0,059	0,296
CHR6	14745835	CHR6:14745835	SSF x Far_LoA	-8,5768746	-0,030	0,298
CHR6	14745865	CHR6:14745865	SSF x Far_LoA	-9,54246252	0,024	0,320
CHR6	14745877	CHR6:14745877	SSF x Far_LoA	-9,58669202	-0,035	0,317
CHR6	14750970	CHR6:14750970	SSF x Far_LoA	-5,38092609	-0,133	0,304
CHR6	14751025	CHR6:14751025	SSF x Far_LoA	-6,52338858	-0,107	0,306
CHR6	14751042	CHR6:14751042	SSF x Far_LoA	-12,1226163	0,012	0,300
CHR6	1475973	CHR6:1475973	SSF x Far_LoA	-9,80601848	0,047	0,320
CHR6	1475977	CHR6:1475977	SSF x Far_LoA	-7,27058595	-0,096	0,310
CHR6	1476030	CHR6:1476030	SSF x Far_LoA	-10,7400244	0,037	0,301
CHR6	1476082	CHR6:1476082	SSF x Far_LoA	-8,59957927	-0,051	0,320
CHR6	1476090	CHR6:1476090	SSF x Far_LoA	-7,28383198	-0,008	0,299
CHR6	1476135	CHR6:1476135	SSF x Far_LoA	-8,09533039	-0,006	0,305
CHR6	1476137	CHR6:1476137	SSF x Far_LoA	-6,49620402	0,189	0,284
CHR6	14770159	CHR6:14770159	SSF x Far_LoA	-8,18583914	0,038	0,325
CHR6	14770257	CHR6:14770257	SSF x Far_LoA	-9,58638033	0,043	0,305
CHR6	14770261	CHR6:14770261	SSF x Far_LoA	-9,11483154	0,047	0,302
CHR6	14770282	CHR6:14770282	SSF x Far_LoA	-9,3846878	0,045	0,315
CHR6	14770343	CHR6:14770343	SSF x Far_LoA	-8,50832816	0,011	0,308
CHR6	14770344	CHR6:14770344	SSF x Far_LoA	-7,33905582	0,063	0,315
CHR6	1478628	CHR6:1478628	SSF x Far_LoA	-8,16596815	0,145	0,298
CHR6	14791678	CHR6:14791678	SSF x Far_LoA	2,35779738	-0,027	0,310
CHR6	14791797	CHR6:14791797	SSF x Far_LoA	-8,62896042	-0,017	0,306
CHR6	14791917	CHR6:14791917	SSF x Far_LoA	-10,544869	-0,034	0,314
CHR6	14794016	CHR6:14794016	SSF x Far_LoA	-10,7818576	-0,101	0,316

CHR6	14805715	CHR6:14805715	SSF x Far_LoA	-9,74827968	-0,121	0,304
CHR6	14805743	CHR6:14805743	SSF x Far_LoA	-9,32891667	-0,090	0,318
CHR6	14805766	CHR6:14805766	SSF x Far_LoA	-9,54019344	-0,079	0,310
CHR6	14813510	CHR6:14813510	SSF x Far_LoA	-8,28761507	-0,142	0,303
CHR6	14813599	CHR6:14813599	SSF x Far_LoA	-6,27319228	-0,101	0,313
CHR6	14813623	CHR6:14813623	SSF x Far_LoA	-9,20732909	-0,030	0,308
CHR6	14813641	CHR6:14813641	SSF x Far_LoA	-7,55946128	-0,107	0,293
CHR6	14813649	CHR6:14813649	SSF x Far_LoA	-8,32614249	0,107	0,306
CHR6	14813729	CHR6:14813729	SSF x Far_LoA	-6,67553563	0,014	0,318
CHR6	14813742	CHR6:14813742	SSF x Far_LoA	-9,43999105	0,033	0,307
CHR6	1481897	CHR6:1481897	SSF x Far_LoA	-11,211219	-0,048	0,309
CHR6	1481901	CHR6:1481901	SSF x Far_LoA	-10,1100937	-0,107	0,317
CHR6	1482008	CHR6:1482008	SSF x Far_LoA	-10,2074687	0,003	0,304
CHR6	14826953	CHR6:14826953	SSF x Far_LoA	-12,2022523	0,053	0,291
CHR6	14826964	CHR6:14826964	SSF x Far_LoA	-10,6583259	0,033	0,313
CHR6	14827067	CHR6:14827067	SSF x Far_LoA	-11,2908854	0,029	0,304
CHR6	14827133	CHR6:14827133	SSF x Far_LoA	-11,2626195	0,029	0,316
CHR6	14827153	CHR6:14827153	SSF x Far_LoA	-9,454315	0,078	0,299
CHR6	14827157	CHR6:14827157	SSF x Far_LoA	-6,16674228	-0,104	0,308
CHR6	14827178	CHR6:14827178	SSF x Far_LoA	-8,25123754	0,227	0,283
CHR6	14827230	CHR6:14827230	SSF x Far_LoA	-8,36787968	-0,079	0,316
CHR6	14827241	CHR6:14827241	SSF x Far_LoA	-7,58728623	-0,108	0,312
CHR6	14834792	CHR6:14834792	SSF x Far_LoA	-9,93545165	0,018	0,319
CHR6	14834862	CHR6:14834862	SSF x Far_LoA	-11,6450307	0,051	0,302
CHR6	14834863	CHR6:14834863	SSF x Far_LoA	-9,62735724	0,068	0,308
CHR6	14842018	CHR6:14842018	SSF x Far_LoA	-7,49362378	0,112	0,300
CHR6	14842022	CHR6:14842022	SSF x Far_LoA	-8,15260808	-0,091	0,301
CHR6	14842075	CHR6:14842075	SSF x Far_LoA	-12,0013757	0,041	0,312
CHR6	14842173	CHR6:14842173	SSF x Far_LoA	-10,1094777	-0,068	0,321
CHR6	14842181	CHR6:14842181	SSF x Far_LoA	-11,2267115	-0,004	0,305
CHR6	14842249	CHR6:14842249	SSF x Far_LoA	-9,20964711	-0,045	0,319
CHR6	14842275	CHR6:14842275	SSF x Far_LoA	-10,5668688	-0,060	0,314
CHR6	14845750	CHR6:14845750	SSF x Far_LoA	-9,08890693	-0,007	0,300
CHR6	14845905	CHR6:14845905	SSF x Far_LoA	-11,1735511	-0,032	0,315
CHR6	14859380	CHR6:14859380	SSF x Far_LoA	-11,8210692	0,084	0,306
CHR6	14860291	CHR6:14860291	SSF x Far_LoA	-8,10499931	0,123	0,293
CHR6	14860301	CHR6:14860301	SSF x Far_LoA	-7,94488741	-0,054	0,327
CHR6	14868877	CHR6:14868877	SSF x Far_LoA	-10,8723474	-0,005	0,330
CHR6	14869116	CHR6:14869116	SSF x Far_LoA	-9,90593572	0,018	0,300
CHR6	14895055	CHR6:14895055	SSF x Far_LoA	-8,7979018	0,052	0,316
CHR6	14895189	CHR6:14895189	SSF x Far_LoA	-9,1069291	0,015	0,308
CHR6	14896891	CHR6:14896891	SSF x Far_LoA	-11,9791434	0,075	0,299
CHR6	14896928	CHR6:14896928	SSF x Far_LoA	-10,7800466	0,000	0,309
CHR6	14896930	CHR6:14896930	SSF x Far_LoA	-10,6040249	-0,001	0,304
CHR6	14896938	CHR6:14896938	SSF x Far_LoA	-7,85726078	-0,066	0,290
CHR6	14896953	CHR6:14896953	SSF x Far_LoA	-10,7202929	0,052	0,302
CHR6	14901077	CHR6:14901077	SSF x Far_LoA	-10,365955	0,080	0,300
CHR6	14901137	CHR6:14901137	SSF x Far_LoA	-9,23496264	0,010	0,303
CHR6	14922151	CHR6:14922151	SSF x Far_LoA	-9,45857934	-0,045	0,299
CHR6	14922171	CHR6:14922171	SSF x Far_LoA	-10,9512405	0,074	0,300
CHR6	14922186	CHR6:14922186	SSF x Far_LoA	-8,89815615	0,041	0,297
CHR6	14922213	CHR6:14922213	SSF x Far_LoA	-8,698822	0,013	0,304
CHR6	14922237	CHR6:14922237	SSF x Far_LoA	-3,18934361	0,010	0,297

CHR6	14926393	CHR6:14926393	SSF x Far_LoA	-10,5628055	-0,082	0,307
CHR6	14926466	CHR6:14926466	SSF x Far_LoA	-7,56322186	0,030	0,309
CHR6	14929027	CHR6:14929027	SSF x Far_LoA	-11,5410182	-0,011	0,318
CHR6	14929225	CHR6:14929225	SSF x Far_LoA	-9,16692657	-0,091	0,299
CHR6	14929228	CHR6:14929228	SSF x Far_LoA	-9,5300275	-0,041	0,314
CHR6	1494461	CHR6:1494461	SSF x Far_LoA	-2,18884475	-0,239	0,298
CHR6	1494466	CHR6:1494466	SSF x Far_LoA	-9,59873655	-0,142	0,309
CHR6	1494508	CHR6:1494508	SSF x Far_LoA	-8,02408618	-0,061	0,301
CHR6	1494704	CHR6:1494704	SSF x Far_LoA	-10,0437514	-0,058	0,306
CHR6	14968468	CHR6:14968468	SSF x Far_LoA	-8,12772342	0,023	0,309
CHR6	14968593	CHR6:14968593	SSF x Far_LoA	-9,42703796	0,030	0,296
CHR6	14971161	CHR6:14971161	SSF x Far_LoA	-8,95331552	0,118	0,303
CHR6	14971247	CHR6:14971247	SSF x Far_LoA	-9,33074639	0,085	0,306
CHR6	14975254	CHR6:14975254	SSF x Far_LoA	-8,44840976	0,082	0,298
CHR6	14975257	CHR6:14975257	SSF x Far_LoA	-6,78619408	-0,090	0,305
CHR6	14975272	CHR6:14975272	SSF x Far_LoA	-8,72496869	-0,069	0,310
CHR6	14975274	CHR6:14975274	SSF x Far_LoA	-11,4684152	-0,060	0,309
CHR6	14975280	CHR6:14975280	SSF x Far_LoA	-7,60032998	-0,071	0,314
CHR6	14975302	CHR6:14975302	SSF x Far_LoA	-8,80765964	0,081	0,311
CHR6	14975349	CHR6:14975349	SSF x Far_LoA	-12,241669	0,029	0,308
CHR6	1499716	CHR6:1499716	SSF x Far_LoA	-9,45830403	0,045	0,327
CHR6	1499732	CHR6:1499732	SSF x Far_LoA	-9,17160603	0,034	0,308
CHR6	15011969	CHR6:15011969	SSF x Far_LoA	-8,31993487	0,101	0,315
CHR6	15012180	CHR6:15012180	SSF x Far_LoA	-10,8485845	-0,036	0,316
CHR6	15023041	CHR6:15023041	SSF x Far_LoA	-10,045601	-0,041	0,320
CHR6	15026491	CHR6:15026491	SSF x Far_LoA	-11,0049026	0,008	0,316
CHR6	15036529	CHR6:15036529	SSF x Far_LoA	-12,1182447	0,053	0,305
CHR6	15036533	CHR6:15036533	SSF x Far_LoA	-8,42849642	0,065	0,310
CHR6	15036543	CHR6:15036543	SSF x Far_LoA	-9,96165451	-0,111	0,302
CHR6	15036561	CHR6:15036561	SSF x Far_LoA	-10,6420347	-0,051	0,304
CHR6	15036628	CHR6:15036628	SSF x Far_LoA	-8,26163424	-0,063	0,308
CHR6	15036714	CHR6:15036714	SSF x Far_LoA	-8,01868093	-0,124	0,297
CHR6	15036747	CHR6:15036747	SSF x Far_LoA	-9,40262486	0,068	0,313
CHR6	15040639	CHR6:15040639	SSF x Far_LoA	-9,23872066	-0,011	0,306
CHR6	15040723	CHR6:15040723	SSF x Far_LoA	-9,28643035	-0,024	0,320
CHR6	15044314	CHR6:15044314	SSF x Far_LoA	-11,7377746	-0,039	0,308
CHR6	15044324	CHR6:15044324	SSF x Far_LoA	-10,9749678	0,109	0,289
CHR6	15045590	CHR6:15045590	SSF x Far_LoA	-7,99310937	-0,052	0,310
CHR6	15045632	CHR6:15045632	SSF x Far_LoA	-8,53937152	0,060	0,309
CHR6	15065653	CHR6:15065653	SSF x Far_LoA	-10,587951	-0,010	0,304
CHR6	15065654	CHR6:15065654	SSF x Far_LoA	-9,07296113	0,004	0,305
CHR6	15065781	CHR6:15065781	SSF x Far_LoA	-12,746368	-0,013	0,287
CHR6	1507137	CHR6:1507137	SSF x Far_LoA	-9,304264	0,009	0,318
CHR6	15082109	CHR6:15082109	SSF x Far_LoA	-10,5660521	-0,030	0,306
CHR6	15109007	CHR6:15109007	SSF x Far_LoA	-5,75664412	-0,169	0,302
CHR6	15110310	CHR6:15110310	SSF x Far_LoA	-8,35361453	0,094	0,313
CHR6	15111878	CHR6:15111878	SSF x Far_LoA	-8,26589862	-0,142	0,314
CHR6	15111883	CHR6:15111883	SSF x Far_LoA	-8,78618629	-0,123	0,310
CHR6	15114662	CHR6:15114662	SSF x Far_LoA	-10,2315469	-0,090	0,316
CHR6	15114761	CHR6:15114761	SSF x Far_LoA	-7,40074114	0,130	0,302
CHR6	15115421	CHR6:15115421	SSF x Far_LoA	-8,48347308	0,120	0,302
CHR6	15130094	CHR6:15130094	SSF x Far_LoA	-9,18341817	-0,048	0,322
CHR6	15130157	CHR6:15130157	SSF x Far_LoA	-9,52637288	-0,050	0,305

CHR6	15130174	CHR6:15130174	SSF x Far_LoA	-0,958234	0,101	0,312
CHR6	15130206	CHR6:15130206	SSF x Far_LoA	-8,18236517	-0,091	0,311
CHR6	15130209	CHR6:15130209	SSF x Far_LoA	-5,32089295	-0,101	0,315
CHR6	15136877	CHR6:15136877	SSF x Far_LoA	-6,71047017	-0,167	0,289
CHR6	15136934	CHR6:15136934	SSF x Far_LoA	-9,79391633	-0,084	0,318
CHR6	1513825	CHR6:1513825	SSF x Far_LoA	-10,671777	0,043	0,312
CHR6	1513843	CHR6:1513843	SSF x Far_LoA	-9,64585237	0,039	0,317
CHR6	15139098	CHR6:15139098	SSF x Far_LoA	-1,5155863	0,125	0,294
CHR6	15147151	CHR6:15147151	SSF x Far_LoA	-5,50388069	0,209	0,305
CHR6	15147195	CHR6:15147195	SSF x Far_LoA	-5,80555362	0,227	0,288
CHR6	15147229	CHR6:15147229	SSF x Far_LoA	-10,6025479	-0,010	0,314
CHR6	15147258	CHR6:15147258	SSF x Far_LoA	-7,71342584	0,179	0,295
CHR6	15147274	CHR6:15147274	SSF x Far_LoA	-6,76929663	0,197	0,284
CHR6	15149641	CHR6:15149641	SSF x Far_LoA	-9,87198157	-0,128	0,317
CHR6	15149654	CHR6:15149654	SSF x Far_LoA	-9,59391242	-0,131	0,315
CHR6	15149657	CHR6:15149657	SSF x Far_LoA	-8,18499634	0,010	0,314
CHR6	15149753	CHR6:15149753	SSF x Far_LoA	-10,630337	0,085	0,298
CHR6	15149805	CHR6:15149805	SSF x Far_LoA	-8,72664935	0,061	0,298
CHR6	15154379	CHR6:15154379	SSF x Far_LoA	-12,3527708	-0,027	0,302
CHR6	15159849	CHR6:15159849	SSF x Far_LoA	-7,91124098	-0,087	0,306
CHR6	15159948	CHR6:15159948	SSF x Far_LoA	-10,475948	-0,078	0,296
CHR6	15160032	CHR6:15160032	SSF x Far_LoA	-11,3802439	0,069	0,299
CHR6	15160067	CHR6:15160067	SSF x Far_LoA	-8,62964105	-0,039	0,314
CHR6	15170691	CHR6:15170691	SSF x Far_LoA	-9,1820545	-0,032	0,306
CHR6	15170695	CHR6:15170695	SSF x Far_LoA	-7,65600672	0,112	0,326
CHR6	15170723	CHR6:15170723	SSF x Far_LoA	-9,22807685	-0,053	0,303
CHR6	15170804	CHR6:15170804	SSF x Far_LoA	-9,16711528	0,100	0,301
CHR6	15179651	CHR6:15179651	SSF x Far_LoA	-7,08932037	0,069	0,311
CHR6	15179657	CHR6:15179657	SSF x Far_LoA	-9,48369235	-0,033	0,316
CHR6	15179662	CHR6:15179662	SSF x Far_LoA	-10,1875591	-0,081	0,290
CHR6	15179704	CHR6:15179704	SSF x Far_LoA	-7,61500345	0,125	0,290
CHR6	15179727	CHR6:15179727	SSF x Far_LoA	-8,19105191	-0,093	0,301
CHR6	15179737	CHR6:15179737	SSF x Far_LoA	-10,3784572	-0,026	0,306
CHR6	15179746	CHR6:15179746	SSF x Far_LoA	-9,33611926	-0,021	0,326
CHR6	15179756	CHR6:15179756	SSF x Far_LoA	-10,5889417	-0,040	0,309
CHR6	15179758	CHR6:15179758	SSF x Far_LoA	13,2079234	-0,071	0,315
CHR6	15179766	CHR6:15179766	SSF x Far_LoA	-10,001109	-0,133	0,312
CHR6	15191852	CHR6:15191852	SSF x Far_LoA	-9,45482541	-0,055	0,317
CHR6	15191977	CHR6:15191977	SSF x Far_LoA	-9,32515973	0,007	0,297
CHR6	15197227	CHR6:15197227	SSF x Far_LoA	-10,8718341	0,004	0,304
CHR6	15210802	CHR6:15210802	SSF x Far_LoA	-8,572705	0,029	0,314
CHR6	15210837	CHR6:15210837	SSF x Far_LoA	-9,3075444	-0,039	0,304
CHR6	15210842	CHR6:15210842	SSF x Far_LoA	-11,2745631	0,076	0,301
CHR6	15210883	CHR6:15210883	SSF x Far_LoA	-11,6865185	-0,043	0,300
CHR6	15210899	CHR6:15210899	SSF x Far_LoA	-8,68107348	-0,035	0,308
CHR6	15241979	CHR6:15241979	SSF x Far_LoA	-7,87220117	-0,162	0,297
CHR6	15242044	CHR6:15242044	SSF x Far_LoA	-10,0715761	-0,022	0,304
CHR6	15249070	CHR6:15249070	SSF x Far_LoA	-10,1432929	0,026	0,316
CHR6	15249147	CHR6:15249147	SSF x Far_LoA	-8,09613823	-0,085	0,326
CHR6	15261550	CHR6:15261550	SSF x Far_LoA	-8,91169881	0,025	0,295
CHR6	15261591	CHR6:15261591	SSF x Far_LoA	-8,87110667	-0,052	0,296
CHR6	15261647	CHR6:15261647	SSF x Far_LoA	-9,31588283	0,031	0,313
CHR6	15274677	CHR6:15274677	SSF x Far_LoA	-11,2762454	0,050	0,298

CHR6	15278361	CHR6:15278361	SSF x Far_LoA	-8,85210121	-0,092	0,315
CHR6	15283023	CHR6:15283023	SSF x Far_LoA	-10,6516207	-0,086	0,302
CHR6	15296821	CHR6:15296821	SSF x Far_LoA	-5,35826265	-0,055	0,310
CHR6	15296852	CHR6:15296852	SSF x Far_LoA	-5,38764343	-0,159	0,278
CHR6	15296860	CHR6:15296860	SSF x Far_LoA	-3,89358633	-0,194	0,280
CHR6	15296862	CHR6:15296862	SSF x Far_LoA	-7,12625317	-0,203	0,288
CHR6	15296866	CHR6:15296866	SSF x Far_LoA	-5,67703726	-0,169	0,284
CHR6	15296909	CHR6:15296909	SSF x Far_LoA	-9,23861017	-0,087	0,316
CHR6	15296916	CHR6:15296916	SSF x Far_LoA	-8,40262995	-0,164	0,275
CHR6	15317193	CHR6:15317193	SSF x Far_LoA	-4,29277396	-0,080	0,308
CHR6	15317245	CHR6:15317245	SSF x Far_LoA	-11,7014354	-0,011	0,313
CHR6	15317408	CHR6:15317408	SSF x Far_LoA	-9,64720268	0,103	0,309
CHR6	153213	CHR6:153213	SSF x Far_LoA	-11,2250237	-0,082	0,310
CHR6	1532247	CHR6:1532247	SSF x Far_LoA	-8,67411003	0,102	0,294
CHR6	1532410	CHR6:1532410	SSF x Far_LoA	-9,57260344	0,055	0,311
CHR6	15326453	CHR6:15326453	SSF x Far_LoA	-10,2819626	-0,023	0,314
CHR6	15326639	CHR6:15326639	SSF x Far_LoA	-10,8253435	-0,046	0,314
CHR6	15326735	CHR6:15326735	SSF x Far_LoA	-9,44178782	0,094	0,305
CHR6	15329281	CHR6:15329281	SSF x Far_LoA	-9,15690484	-0,075	0,301
CHR6	15329282	CHR6:15329282	SSF x Far_LoA	-8,26829941	-0,102	0,310
CHR6	15329286	CHR6:15329286	SSF x Far_LoA	-6,3187878	0,043	0,330
CHR6	15329396	CHR6:15329396	SSF x Far_LoA	-6,93385056	0,112	0,304
CHR6	15332830	CHR6:15332830	SSF x Far_LoA	-11,6602812	-0,017	0,309
CHR6	15332861	CHR6:15332861	SSF x Far_LoA	-9,35820193	0,045	0,321
CHR6	15332862	CHR6:15332862	SSF x Far_LoA	-10,1166505	0,093	0,319
CHR6	15332869	CHR6:15332869	SSF x Far_LoA	-11,02459	0,057	0,315
CHR6	15332875	CHR6:15332875	SSF x Far_LoA	-8,67406133	0,008	0,327
CHR6	15332915	CHR6:15332915	SSF x Far_LoA	-11,4795244	0,014	0,305
CHR6	15332924	CHR6:15332924	SSF x Far_LoA	-8,85193727	0,085	0,303
CHR6	15333422	CHR6:15333422	SSF x Far_LoA	-5,59458621	0,053	0,313
CHR6	15333497	CHR6:15333497	SSF x Far_LoA	-6,03039405	0,040	0,309
CHR6	15333498	CHR6:15333498	SSF x Far_LoA	-7,03367385	0,061	0,301
CHR6	15333505	CHR6:15333505	SSF x Far_LoA	-7,72071911	0,055	0,311
CHR6	15333506	CHR6:15333506	SSF x Far_LoA	-8,38185062	0,026	0,314
CHR6	15333510	CHR6:15333510	SSF x Far_LoA	-8,11783043	0,035	0,308
CHR6	15333512	CHR6:15333512	SSF x Far_LoA	-8,97006527	0,056	0,307
CHR6	15333513	CHR6:15333513	SSF x Far_LoA	-10,3862371	-0,002	0,307
CHR6	15333514	CHR6:15333514	SSF x Far_LoA	-7,82166771	0,009	0,313
CHR6	15333520	CHR6:15333520	SSF x Far_LoA	-8,93653227	-0,008	0,311
CHR6	15333525	CHR6:15333525	SSF x Far_LoA	-10,8584569	0,102	0,310
CHR6	15333540	CHR6:15333540	SSF x Far_LoA	-9,9318485	-0,089	0,300
CHR6	15333546	CHR6:15333546	SSF x Far_LoA	-8,72617972	-0,057	0,307
CHR6	15335265	CHR6:15335265	SSF x Far_LoA	-10,1044553	0,042	0,298
CHR6	15335387	CHR6:15335387	SSF x Far_LoA	7,31552463	0,132	0,296
CHR6	15335442	CHR6:15335442	SSF x Far_LoA	-8,10216564	0,043	0,322
CHR6	15335465	CHR6:15335465	SSF x Far_LoA	-12,0644007	-0,063	0,296
CHR6	15335501	CHR6:15335501	SSF x Far_LoA	-10,9888996	0,103	0,306
CHR6	15344179	CHR6:15344179	SSF x Far_LoA	-10,5663477	0,024	0,319
CHR6	15344255	CHR6:15344255	SSF x Far_LoA	-10,8632334	-0,038	0,305
CHR6	15344272	CHR6:15344272	SSF x Far_LoA	-6,30208	0,091	0,296
CHR6	15344296	CHR6:15344296	SSF x Far_LoA	-9,93261792	-0,035	0,310
CHR6	15344329	CHR6:15344329	SSF x Far_LoA	-6,82400528	-0,083	0,302
CHR6	15344353	CHR6:15344353	SSF x Far_LoA	-8,77383285	-0,099	0,299

CHR6	15344372	CHR6:15344372	SSF x Far_LoA	-9,469788	0,013	0,308
CHR6	15344392	CHR6:15344392	SSF x Far_LoA	-9,99930302	0,058	0,303
CHR6	15344399	CHR6:15344399	SSF x Far_LoA	-10,3873186	0,038	0,316
CHR6	15344470	CHR6:15344470	SSF x Far_LoA	-10,3014145	-0,012	0,301
CHR6	15344475	CHR6:15344475	SSF x Far_LoA	-9,14035472	0,089	0,296
CHR6	15344499	CHR6:15344499	SSF x Far_LoA	-9,58946504	-0,049	0,300
CHR6	15348183	CHR6:15348183	SSF x Far_LoA	-9,2413196	0,051	0,308
CHR6	15348184	CHR6:15348184	SSF x Far_LoA	-8,67047901	0,050	0,303
CHR6	15348185	CHR6:15348185	SSF x Far_LoA	-5,92389708	0,133	0,306
CHR6	15351227	CHR6:15351227	SSF x Far_LoA	-10,4977927	-0,033	0,303
CHR6	15352294	CHR6:15352294	SSF x Far_LoA	-6,1895563	0,107	0,315
CHR6	15352407	CHR6:15352407	SSF x Far_LoA	-11,1533742	0,032	0,297
CHR6	15352558	CHR6:15352558	SSF x Far_LoA	-9,45687828	0,008	0,305
CHR6	1535537	CHR6:1535537	SSF x Far_LoA	-9,59927992	-0,114	0,310
CHR6	1535543	CHR6:1535543	SSF x Far_LoA	-9,67178883	-0,065	0,314
CHR6	1535679	CHR6:1535679	SSF x Far_LoA	-11,6176849	-0,057	0,313
CHR6	15373049	CHR6:15373049	SSF x Far_LoA	-6,45735219	-0,009	0,326
CHR6	15373057	CHR6:15373057	SSF x Far_LoA	-7,48692275	-0,080	0,302
CHR6	15373064	CHR6:15373064	SSF x Far_LoA	-10,4297067	-0,118	0,312
CHR6	15373071	CHR6:15373071	SSF x Far_LoA	-8,62023778	0,084	0,303
CHR6	15373090	CHR6:15373090	SSF x Far_LoA	-9,41312001	0,072	0,302
CHR6	15373154	CHR6:15373154	SSF x Far_LoA	-9,83877208	0,024	0,288
CHR6	15373171	CHR6:15373171	SSF x Far_LoA	-8,87313844	0,027	0,305
CHR6	15373177	CHR6:15373177	SSF x Far_LoA	-9,01075625	-0,073	0,306
CHR6	15375281	CHR6:15375281	SSF x Far_LoA	-10,2510739	-0,029	0,306
CHR6	15375409	CHR6:15375409	SSF x Far_LoA	-4,15551576	-0,150	0,297
CHR6	15375457	CHR6:15375457	SSF x Far_LoA	-9,83519665	-0,038	0,318
CHR6	15375474	CHR6:15375474	SSF x Far_LoA	-10,8290418	0,047	0,299
CHR6	15375519	CHR6:15375519	SSF x Far_LoA	-9,09817936	0,067	0,289
CHR6	15385141	CHR6:15385141	SSF x Far_LoA	-9,99054388	0,003	0,318
CHR6	15385181	CHR6:15385181	SSF x Far_LoA	-9,98364195	0,071	0,302
CHR6	1541065	CHR6:1541065	SSF x Far_LoA	-9,73657507	0,023	0,328
CHR6	1541096	CHR6:1541096	SSF x Far_LoA	-8,30873705	0,061	0,315
CHR6	1541150	CHR6:1541150	SSF x Far_LoA	-8,18776176	0,065	0,314
CHR6	15411668	CHR6:15411668	SSF x Far_LoA	-7,19456501	0,140	0,310
CHR6	15411814	CHR6:15411814	SSF x Far_LoA	-6,72822674	-0,098	0,304
CHR6	1541191	CHR6:1541191	SSF x Far_LoA	-8,66630232	-0,015	0,315
CHR6	15411920	CHR6:15411920	SSF x Far_LoA	-11,0185023	-0,003	0,305
CHR6	1541249	CHR6:1541249	SSF x Far_LoA	-10,8707751	0,031	0,302
CHR6	1541266	CHR6:1541266	SSF x Far_LoA	-9,20477274	-0,031	0,318
CHR6	1541274	CHR6:1541274	SSF x Far_LoA	-8,28232604	0,081	0,309
CHR6	15418283	CHR6:15418283	SSF x Far_LoA	-9,66074053	0,022	0,312
CHR6	15418320	CHR6:15418320	SSF x Far_LoA	-12,43367	0,037	0,298
CHR6	15425762	CHR6:15425762	SSF x Far_LoA	-11,6857748	0,001	0,307
CHR6	15446868	CHR6:15446868	SSF x Far_LoA	-12,3520298	-0,030	0,309
CHR6	15446897	CHR6:15446897	SSF x Far_LoA	-10,6885238	0,105	0,306
CHR6	15446906	CHR6:15446906	SSF x Far_LoA	-10,5940027	0,114	0,307
CHR6	15446914	CHR6:15446914	SSF x Far_LoA	-9,26006508	0,067	0,311
CHR6	15446918	CHR6:15446918	SSF x Far_LoA	-10,1724734	-0,036	0,312
CHR6	15446956	CHR6:15446956	SSF x Far_LoA	-8,35263308	0,044	0,310
CHR6	15462167	CHR6:15462167	SSF x Far_LoA	-4,78078949	-0,131	0,310
CHR6	15462193	CHR6:15462193	SSF x Far_LoA	-11,0201998	0,067	0,304
CHR6	15462235	CHR6:15462235	SSF x Far_LoA	-10,1787432	-0,055	0,315

CHR6	15462291	CHR6:15462291	SSF x Far_LoA	-6,70709096	-0,171	0,304
CHR6	15462324	CHR6:15462324	SSF x Far_LoA	-4,51613848	0,071	0,310
CHR6	15462362	CHR6:15462362	SSF x Far_LoA	-10,0458513	-0,027	0,307
CHR6	15462407	CHR6:15462407	SSF x Far_LoA	-7,3437853	-0,185	0,302
CHR6	15462456	CHR6:15462456	SSF x Far_LoA	-6,82091275	0,025	0,309
CHR6	15471719	CHR6:15471719	SSF x Far_LoA	-11,8198209	-0,006	0,307
CHR6	15482154	CHR6:15482154	SSF x Far_LoA	-10,4304144	0,047	0,313
CHR6	15491095	CHR6:15491095	SSF x Far_LoA	-6,14044109	-0,122	0,303
CHR6	15491140	CHR6:15491140	SSF x Far_LoA	-4,73150095	-0,035	0,310
CHR6	15491166	CHR6:15491166	SSF x Far_LoA	-11,0099273	0,016	0,297
CHR6	15491215	CHR6:15491215	SSF x Far_LoA	-9,81854663	-0,030	0,286
CHR6	15528665	CHR6:15528665	SSF x Far_LoA	-8,23715194	0,031	0,315
CHR6	15528740	CHR6:15528740	SSF x Far_LoA	-6,93673251	0,032	0,321
CHR6	15528761	CHR6:15528761	SSF x Far_LoA	-8,50873531	0,012	0,316
CHR6	1552893	CHR6:1552893	SSF x Far_LoA	-10,3683969	0,121	0,292
CHR6	1552894	CHR6:1552894	SSF x Far_LoA	-2,36195277	0,112	0,293
CHR6	1552946	CHR6:1552946	SSF x Far_LoA	-8,68038621	0,035	0,314
CHR6	1552978	CHR6:1552978	SSF x Far_LoA	-8,49067831	-0,062	0,312
CHR6	1552982	CHR6:1552982	SSF x Far_LoA	-9,41014468	-0,013	0,320
CHR6	1553047	CHR6:1553047	SSF x Far_LoA	-7,84241037	-0,087	0,312
CHR6	1553146	CHR6:1553146	SSF x Far_LoA	-4,68266026	-0,059	0,315
CHR6	15550270	CHR6:15550270	SSF x Far_LoA	-11,0986516	-0,018	0,297
CHR6	15550391	CHR6:15550391	SSF x Far_LoA	-8,54714076	-0,116	0,307
CHR6	15560062	CHR6:15560062	SSF x Far_LoA	-8,84477786	-0,080	0,315
CHR6	15566673	CHR6:15566673	SSF x Far_LoA	-7,86022182	-0,102	0,320
CHR6	15566760	CHR6:15566760	SSF x Far_LoA	-9,79651994	0,014	0,292
CHR6	15585937	CHR6:15585937	SSF x Far_LoA	-9,40568476	0,036	0,321
CHR6	15586003	CHR6:15586003	SSF x Far_LoA	-8,51266011	-0,009	0,310
CHR6	15588277	CHR6:15588277	SSF x Far_LoA	-6,57655724	0,133	0,290
CHR6	15605789	CHR6:15605789	SSF x Far_LoA	-11,0437525	-0,002	0,322
CHR6	15605845	CHR6:15605845	SSF x Far_LoA	-10,9398684	-0,016	0,308
CHR6	15605867	CHR6:15605867	SSF x Far_LoA	-8,82746928	0,105	0,291
CHR6	15612706	CHR6:15612706	SSF x Far_LoA	-7,35367051	-0,145	0,304
CHR6	15612767	CHR6:15612767	SSF x Far_LoA	-10,2085096	0,080	0,305
CHR6	15612788	CHR6:15612788	SSF x Far_LoA	-7,47921514	0,150	0,285
CHR6	15631712	CHR6:15631712	SSF x Far_LoA	-6,49448446	0,029	0,318
CHR6	15631884	CHR6:15631884	SSF x Far_LoA	-9,38524709	-0,118	0,326
CHR6	15635646	CHR6:15635646	SSF x Far_LoA	-8,66947	0,092	0,301
CHR6	1563983	CHR6:1563983	SSF x Far_LoA	-8,61581476	0,043	0,314
CHR6	1564020	CHR6:1564020	SSF x Far_LoA	-12,0878885	0,010	0,298
CHR6	1564099	CHR6:1564099	SSF x Far_LoA	-8,1361807	-0,070	0,310
CHR6	1564151	CHR6:1564151	SSF x Far_LoA	-7,64031149	-0,142	0,300
CHR6	15660285	CHR6:15660285	SSF x Far_LoA	-7,51209895	-0,016	0,312
CHR6	1566316	CHR6:1566316	SSF x Far_LoA	-11,8189001	-0,031	0,313
CHR6	1566319	CHR6:1566319	SSF x Far_LoA	-7,79930739	0,042	0,311
CHR6	1566320	CHR6:1566320	SSF x Far_LoA	-10,2962247	-0,062	0,297
CHR6	1566391	CHR6:1566391	SSF x Far_LoA	-10,6180857	0,064	0,292
CHR6	15665622	CHR6:15665622	SSF x Far_LoA	-5,47500189	0,079	0,306
CHR6	15665773	CHR6:15665773	SSF x Far_LoA	-10,8856378	-0,063	0,301
CHR6	15665795	CHR6:15665795	SSF x Far_LoA	-11,1405538	-0,050	0,309
CHR6	15665884	CHR6:15665884	SSF x Far_LoA	-11,6788248	-0,081	0,318
CHR6	15665885	CHR6:15665885	SSF x Far_LoA	-10,6595338	-0,071	0,308
CHR6	15665891	CHR6:15665891	SSF x Far_LoA	-10,3362888	-0,052	0,317

CHR6	15665908	CHR6:15665908	SSF x Far_LoA	-11,5020815	0,052	0,304
CHR6	15673335	CHR6:15673335	SSF x Far_LoA	-11,1348644	-0,111	0,296
CHR6	15673421	CHR6:15673421	SSF x Far_LoA	-9,09863466	0,042	0,300
CHR6	15673422	CHR6:15673422	SSF x Far_LoA	-9,11570739	0,100	0,299
CHR6	15677895	CHR6:15677895	SSF x Far_LoA	-7,82689505	0,117	0,306
CHR6	15678134	CHR6:15678134	SSF x Far_LoA	-8,58121436	-0,079	0,300
CHR6	15691119	CHR6:15691119	SSF x Far_LoA	-8,29851595	0,188	0,292
CHR6	15691256	CHR6:15691256	SSF x Far_LoA	-10,6634518	-0,091	0,305
CHR6	15699876	CHR6:15699876	SSF x Far_LoA	-8,39767274	-0,128	0,291
CHR6	15699996	CHR6:15699996	SSF x Far_LoA	-1,97853849	-0,089	0,321
CHR6	15700035	CHR6:15700035	SSF x Far_LoA	-8,22499778	0,080	0,312
CHR6	15700049	CHR6:15700049	SSF x Far_LoA	-10,8315259	0,005	0,307
CHR6	1571572	CHR6:1571572	SSF x Far_LoA	-11,6890451	0,050	0,306
CHR6	1571574	CHR6:1571574	SSF x Far_LoA	-11,3213277	-0,109	0,305
CHR6	1571631	CHR6:1571631	SSF x Far_LoA	-7,82803556	-0,054	0,304
CHR6	1571649	CHR6:1571649	SSF x Far_LoA	-6,50791334	-0,099	0,313
CHR6	15721644	CHR6:15721644	SSF x Far_LoA	-8,02723757	0,170	0,295
CHR6	15740205	CHR6:15740205	SSF x Far_LoA	-10,2743671	0,018	0,313
CHR6	15740909	CHR6:15740909	SSF x Far_LoA	-8,81729759	-0,043	0,316
CHR6	15740941	CHR6:15740941	SSF x Far_LoA	-10,5239238	-0,032	0,304
CHR6	15756785	CHR6:15756785	SSF x Far_LoA	-9,36239076	-0,105	0,301
CHR6	15756892	CHR6:15756892	SSF x Far_LoA	-11,3034793	-0,048	0,314
CHR6	1576323	CHR6:1576323	SSF x Far_LoA	-8,64633478	0,093	0,308
CHR6	1576335	CHR6:1576335	SSF x Far_LoA	-12,0431072	-0,015	0,302
CHR6	15767766	CHR6:15767766	SSF x Far_LoA	-6,74881095	0,167	0,290
CHR6	15767859	CHR6:15767859	SSF x Far_LoA	-6,09838646	0,172	0,287
CHR6	15774993	CHR6:15774993	SSF x Far_LoA	-10,260372	0,053	0,299
CHR6	15775045	CHR6:15775045	SSF x Far_LoA	-11,5976647	0,016	0,310
CHR6	15778906	CHR6:15778906	SSF x Far_LoA	-9,68509054	-0,037	0,314
CHR6	15779057	CHR6:15779057	SSF x Far_LoA	-5,65501151	0,229	0,286
CHR6	15779107	CHR6:15779107	SSF x Far_LoA	-7,93360967	-0,029	0,301
CHR6	15782430	CHR6:15782430	SSF x Far_LoA	-9,98584515	0,091	0,291
CHR6	15782437	CHR6:15782437	SSF x Far_LoA	-6,99760535	-0,062	0,302
CHR6	15782443	CHR6:15782443	SSF x Far_LoA	-8,60172075	0,030	0,317
CHR6	15782453	CHR6:15782453	SSF x Far_LoA	-7,0583839	-0,096	0,310
CHR6	15785589	CHR6:15785589	SSF x Far_LoA	-10,3598794	0,004	0,308
CHR6	15785599	CHR6:15785599	SSF x Far_LoA	-10,9054934	0,020	0,300
CHR6	15785606	CHR6:15785606	SSF x Far_LoA	-9,35351028	-0,013	0,302
CHR6	15785652	CHR6:15785652	SSF x Far_LoA	-7,79748283	0,025	0,307
CHR6	15785703	CHR6:15785703	SSF x Far_LoA	-10,0298126	0,036	0,309
CHR6	15785721	CHR6:15785721	SSF x Far_LoA	-9,43623099	0,062	0,301
CHR6	15785743	CHR6:15785743	SSF x Far_LoA	-8,76653868	-0,079	0,320
CHR6	15785746	CHR6:15785746	SSF x Far_LoA	-9,04347852	-0,099	0,301
CHR6	15785760	CHR6:15785760	SSF x Far_LoA	-8,8418512	0,021	0,309
CHR6	15791691	CHR6:15791691	SSF x Far_LoA	-8,62620827	0,073	0,291
CHR6	15797386	CHR6:15797386	SSF x Far_LoA	-11,5939036	0,053	0,297
CHR6	15815328	CHR6:15815328	SSF x Far_LoA	-11,820414	0,022	0,306
CHR6	15815359	CHR6:15815359	SSF x Far_LoA	-10,1206121	0,095	0,295
CHR6	15815376	CHR6:15815376	SSF x Far_LoA	-11,5889782	0,034	0,311
CHR6	15815432	CHR6:15815432	SSF x Far_LoA	-9,80878266	-0,043	0,312
CHR6	15818441	CHR6:15818441	SSF x Far_LoA	-4,51932958	0,100	0,312
CHR6	15818488	CHR6:15818488	SSF x Far_LoA	-11,9713121	0,081	0,310
CHR6	15818573	CHR6:15818573	SSF x Far_LoA	-11,7462462	0,033	0,309

CHR6	15824540	CHR6:15824540	SSF x Far_LoA	-10,8958215	0,133	0,300
CHR6	15824695	CHR6:15824695	SSF x Far_LoA	-4,59815479	-0,092	0,294
CHR6	15838241	CHR6:15838241	SSF x Far_LoA	-11,0376648	0,013	0,303
CHR6	15838291	CHR6:15838291	SSF x Far_LoA	-7,24332892	0,000	0,322
CHR6	15838410	CHR6:15838410	SSF x Far_LoA	-0,63880485	-0,073	0,301
CHR6	15842958	CHR6:15842958	SSF x Far_LoA	-10,8079604	-0,142	0,304
CHR6	15842987	CHR6:15842987	SSF x Far_LoA	-9,4921549	-0,112	0,296
CHR6	15842993	CHR6:15842993	SSF x Far_LoA	-9,30585672	0,059	0,316
CHR6	15850293	CHR6:15850293	SSF x Far_LoA	-10,3762228	0,042	0,305
CHR6	15850305	CHR6:15850305	SSF x Far_LoA	-11,5192094	0,080	0,301
CHR6	15866265	CHR6:15866265	SSF x Far_LoA	-6,06236456	-0,107	0,296
CHR6	15866318	CHR6:15866318	SSF x Far_LoA	-11,0105164	0,054	0,305
CHR6	15874569	CHR6:15874569	SSF x Far_LoA	-8,7598356	0,017	0,298
CHR6	15874622	CHR6:15874622	SSF x Far_LoA	-4,23262183	-0,162	0,301
CHR6	15874957	CHR6:15874957	SSF x Far_LoA	-9,16528077	-0,017	0,297
CHR6	15874994	CHR6:15874994	SSF x Far_LoA	-2,68962666	-0,174	0,297
CHR6	15875020	CHR6:15875020	SSF x Far_LoA	-5,76394696	-0,178	0,307
CHR6	15875063	CHR6:15875063	SSF x Far_LoA	-5,05089254	-0,160	0,312
CHR6	15877921	CHR6:15877921	SSF x Far_LoA	-11,6187696	0,082	0,296
CHR6	1587974	CHR6:1587974	SSF x Far_LoA	-8,32859702	0,008	0,310
CHR6	1588018	CHR6:1588018	SSF x Far_LoA	-10,0381377	0,041	0,296
CHR6	1588032	CHR6:1588032	SSF x Far_LoA	-10,8974624	0,041	0,319
CHR6	1588095	CHR6:1588095	SSF x Far_LoA	-10,8133692	-0,044	0,308
CHR6	1588157	CHR6:1588157	SSF x Far_LoA	-12,2601004	-0,006	0,294
CHR6	15889727	CHR6:15889727	SSF x Far_LoA	-9,02473231	-0,112	0,314
CHR6	15889751	CHR6:15889751	SSF x Far_LoA	-11,6903158	-0,041	0,310
CHR6	15889797	CHR6:15889797	SSF x Far_LoA	-7,83185522	-0,100	0,304
CHR6	15889876	CHR6:15889876	SSF x Far_LoA	-9,61676588	-0,110	0,313
CHR6	15892084	CHR6:15892084	SSF x Far_LoA	-10,3312922	0,017	0,303
CHR6	15892132	CHR6:15892132	SSF x Far_LoA	-8,47541371	-0,049	0,310
CHR6	15892180	CHR6:15892180	SSF x Far_LoA	-9,67401686	0,037	0,313
CHR6	15892182	CHR6:15892182	SSF x Far_LoA	-9,47193338	0,002	0,311
CHR6	15892213	CHR6:15892213	SSF x Far_LoA	-9,67817539	-0,001	0,314
CHR6	15892214	CHR6:15892214	SSF x Far_LoA	-9,36480605	-0,008	0,314
CHR6	15893223	CHR6:15893223	SSF x Far_LoA	-8,0075359	-0,085	0,325
CHR6	15894100	CHR6:15894100	SSF x Far_LoA	-8,45313257	-0,177	0,294
CHR6	15894130	CHR6:15894130	SSF x Far_LoA	-7,56518132	-0,057	0,300
CHR6	15894170	CHR6:15894170	SSF x Far_LoA	-8,41243241	0,094	0,309
CHR6	15902263	CHR6:15902263	SSF x Far_LoA	-11,9351479	-0,030	0,306
CHR6	15902314	CHR6:15902314	SSF x Far_LoA	-9,85142625	-0,081	0,316
CHR6	15902437	CHR6:15902437	SSF x Far_LoA	-11,3212667	-0,020	0,313
CHR6	15902443	CHR6:15902443	SSF x Far_LoA	-11,1857415	-0,057	0,321
CHR6	1592336	CHR6:1592336	SSF x Far_LoA	-3,23465253	0,047	0,325
CHR6	15925424	CHR6:15925424	SSF x Far_LoA	2,06750643	-0,019	0,314
CHR6	15925446	CHR6:15925446	SSF x Far_LoA	-8,59220518	0,039	0,307
CHR6	15925518	CHR6:15925518	SSF x Far_LoA	-11,0459203	-0,019	0,298
CHR6	15925521	CHR6:15925521	SSF x Far_LoA	-11,479904	-0,004	0,300
CHR6	15925531	CHR6:15925531	SSF x Far_LoA	-8,52574324	0,019	0,323
CHR6	15925537	CHR6:15925537	SSF x Far_LoA	-9,21108416	0,023	0,301
CHR6	15926958	CHR6:15926958	SSF x Far_LoA	-8,3943374	0,065	0,313
CHR6	15926996	CHR6:15926996	SSF x Far_LoA	-6,47758904	0,186	0,299
CHR6	15934316	CHR6:15934316	SSF x Far_LoA	-10,0138806	-0,076	0,305
CHR6	15934393	CHR6:15934393	SSF x Far_LoA	-8,80387774	-0,091	0,316

CHR6	15934399	CHR6:15934399	SSF x Far_LoA	-10,2586391	-0,094	0,302
CHR6	15934400	CHR6:15934400	SSF x Far_LoA	-11,3941163	-0,099	0,301
CHR6	15934414	CHR6:15934414	SSF x Far_LoA	-10,5630089	-0,083	0,304
CHR6	15934434	CHR6:15934434	SSF x Far_LoA	-9,49860277	-0,148	0,299
CHR6	15948991	CHR6:15948991	SSF x Far_LoA	-6,85118207	-0,149	0,299
CHR6	15949058	CHR6:15949058	SSF x Far_LoA	-10,5205212	0,003	0,310
CHR6	15949061	CHR6:15949061	SSF x Far_LoA	-8,58747025	0,061	0,296
CHR6	15949072	CHR6:15949072	SSF x Far_LoA	-10,7602433	-0,031	0,310
CHR6	15949076	CHR6:15949076	SSF x Far_LoA	-8,75709174	0,048	0,297
CHR6	15949078	CHR6:15949078	SSF x Far_LoA	-11,4332864	-0,011	0,310
CHR6	15958836	CHR6:15958836	SSF x Far_LoA	-10,696482	0,037	0,290
CHR6	15970819	CHR6:15970819	SSF x Far_LoA	-12,4621869	0,043	0,293
CHR6	15971884	CHR6:15971884	SSF x Far_LoA	-11,1218573	-0,020	0,309
CHR6	15971904	CHR6:15971904	SSF x Far_LoA	-9,18681025	0,139	0,299
CHR6	15971913	CHR6:15971913	SSF x Far_LoA	-11,2347898	0,018	0,311
CHR6	15973073	CHR6:15973073	SSF x Far_LoA	-7,66336356	0,125	0,307
CHR6	15973140	CHR6:15973140	SSF x Far_LoA	-8,63602429	-0,007	0,310
CHR6	15973290	CHR6:15973290	SSF x Far_LoA	-5,1987677	-0,003	0,311
CHR6	15973341	CHR6:15973341	SSF x Far_LoA	-10,7992724	0,079	0,308
CHR6	1598278	CHR6:1598278	SSF x Far_LoA	-8,76945396	-0,061	0,308
CHR6	1598509	CHR6:1598509	SSF x Far_LoA	-10,7647913	-0,095	0,302
CHR6	15986460	CHR6:15986460	SSF x Far_LoA	-10,9308246	-0,047	0,309
CHR6	15986533	CHR6:15986533	SSF x Far_LoA	-7,77213274	-0,036	0,318
CHR6	16013268	CHR6:16013268	SSF x Far_LoA	-10,2582289	0,056	0,298
CHR6	16013338	CHR6:16013338	SSF x Far_LoA	-7,75907584	0,010	0,311
CHR6	16013362	CHR6:16013362	SSF x Far_LoA	-8,90726932	-0,014	0,307
CHR6	1601976	CHR6:1601976	SSF x Far_LoA	-11,3905592	-0,079	0,305
CHR6	16023179	CHR6:16023179	SSF x Far_LoA	-9,41453606	0,085	0,299
CHR6	16023245	CHR6:16023245	SSF x Far_LoA	-11,0816508	-0,003	0,322
CHR6	16027630	CHR6:16027630	SSF x Far_LoA	-8,31296745	0,074	0,297
CHR6	16027664	CHR6:16027664	SSF x Far_LoA	-10,0561409	-0,024	0,308
CHR6	16027761	CHR6:16027761	SSF x Far_LoA	-8,12100967	0,057	0,306
CHR6	16027881	CHR6:16027881	SSF x Far_LoA	-5,38463755	-0,175	0,303
CHR6	16044613	CHR6:16044613	SSF x Far_LoA	-9,47244092	0,112	0,310
CHR6	16044651	CHR6:16044651	SSF x Far_LoA	-7,29908727	-0,163	0,298
CHR6	16044654	CHR6:16044654	SSF x Far_LoA	-9,84266338	-0,032	0,309
CHR6	16044807	CHR6:16044807	SSF x Far_LoA	-9,26678992	0,091	0,297
CHR6	16049412	CHR6:16049412	SSF x Far_LoA	-9,51427721	0,019	0,299
CHR6	16049470	CHR6:16049470	SSF x Far_LoA	-10,2656683	-0,041	0,294
CHR6	16049514	CHR6:16049514	SSF x Far_LoA	-8,68816775	0,133	0,295
CHR6	16049639	CHR6:16049639	SSF x Far_LoA	-9,31908738	0,044	0,316
CHR6	16049664	CHR6:16049664	SSF x Far_LoA	-10,3026957	0,090	0,301
CHR6	16050580	CHR6:16050580	SSF x Far_LoA	-9,86078871	-0,005	0,309
CHR6	16050592	CHR6:16050592	SSF x Far_LoA	-7,42345882	-0,069	0,302
CHR6	16051589	CHR6:16051589	SSF x Far_LoA	-8,85589944	-0,101	0,301
CHR6	16053751	CHR6:16053751	SSF x Far_LoA	4,13928426	0,162	0,311
CHR6	16053989	CHR6:16053989	SSF x Far_LoA	-8,60510287	-0,150	0,304
CHR6	16055439	CHR6:16055439	SSF x Far_LoA	-8,87283718	-0,012	0,301
CHR6	16056738	CHR6:16056738	SSF x Far_LoA	-11,5715943	-0,067	0,307
CHR6	16057176	CHR6:16057176	SSF x Far_LoA	-9,24770195	0,127	0,292
CHR6	16057306	CHR6:16057306	SSF x Far_LoA	-8,24788302	0,128	0,285
CHR6	16057326	CHR6:16057326	SSF x Far_LoA	-11,4952748	0,039	0,298
CHR6	16072542	CHR6:16072542	SSF x Far_LoA	-5,47364555	0,116	0,316

CHR6	16079820	CHR6:16079820	SSF x Far_LoA	-10,2577973	-0,097	0,302
CHR6	16079822	CHR6:16079822	SSF x Far_LoA	-11,8137223	-0,022	0,311
CHR6	16079833	CHR6:16079833	SSF x Far_LoA	-8,43017818	-0,032	0,305
CHR6	16079834	CHR6:16079834	SSF x Far_LoA	-10,0560393	-0,109	0,325
CHR6	16079890	CHR6:16079890	SSF x Far_LoA	-10,9093205	0,013	0,311
CHR6	16079921	CHR6:16079921	SSF x Far_LoA	-11,1168994	-0,050	0,308
CHR6	16079952	CHR6:16079952	SSF x Far_LoA	-11,4544064	-0,047	0,300
CHR6	16110102	CHR6:16110102	SSF x Far_LoA	-10,7679857	-0,073	0,312
CHR6	16110108	CHR6:16110108	SSF x Far_LoA	-9,03471883	-0,115	0,306
CHR6	16110120	CHR6:16110120	SSF x Far_LoA	-11,1748126	-0,074	0,312
CHR6	16116729	CHR6:16116729	SSF x Far_LoA	-8,83014282	0,065	0,298
CHR6	16136330	CHR6:16136330	SSF x Far_LoA	-9,19778941	-0,042	0,307
CHR6	16136341	CHR6:16136341	SSF x Far_LoA	-9,33548565	-0,010	0,293
CHR6	16136344	CHR6:16136344	SSF x Far_LoA	-8,50252576	0,020	0,305
CHR6	16136380	CHR6:16136380	SSF x Far_LoA	-8,01390896	-0,050	0,321
CHR6	16136425	CHR6:16136425	SSF x Far_LoA	-9,82424465	0,021	0,314
CHR6	16138340	CHR6:16138340	SSF x Far_LoA	-7,9442667	-0,056	0,302
CHR6	16138358	CHR6:16138358	SSF x Far_LoA	-9,36019148	0,028	0,283
CHR6	16138374	CHR6:16138374	SSF x Far_LoA	-8,6640682	-0,107	0,299
CHR6	16138423	CHR6:16138423	SSF x Far_LoA	-8,49538649	0,030	0,284
CHR6	16138564	CHR6:16138564	SSF x Far_LoA	-9,70086055	0,027	0,320
CHR6	1614049	CHR6:1614049	SSF x Far_LoA	-8,65081288	0,114	0,302
CHR6	1614206	CHR6:1614206	SSF x Far_LoA	-7,59764102	0,059	0,304
CHR6	16149015	CHR6:16149015	SSF x Far_LoA	-10,663257	0,124	0,307
CHR6	16165237	CHR6:16165237	SSF x Far_LoA	-1,26411366	-0,075	0,308
CHR6	16165344	CHR6:16165344	SSF x Far_LoA	-9,38054963	0,032	0,303
CHR6	16165372	CHR6:16165372	SSF x Far_LoA	-4,85378446	0,014	0,315
CHR6	16165418	CHR6:16165418	SSF x Far_LoA	-0,48304603	-0,018	0,301
CHR6	16165442	CHR6:16165442	SSF x Far_LoA	-9,36469139	-0,030	0,310
CHR6	1617877	CHR6:1617877	SSF x Far_LoA	-8,37284253	-0,101	0,313
CHR6	1617922	CHR6:1617922	SSF x Far_LoA	-7,75845821	-0,077	0,305
CHR6	1618118	CHR6:1618118	SSF x Far_LoA	-7,80482676	-0,179	0,283
CHR6	16189686	CHR6:16189686	SSF x Far_LoA	-8,47166186	-0,029	0,318
CHR6	16189688	CHR6:16189688	SSF x Far_LoA	-8,78157907	-0,038	0,319
CHR6	16189702	CHR6:16189702	SSF x Far_LoA	-8,97272824	0,095	0,305
CHR6	16189709	CHR6:16189709	SSF x Far_LoA	-7,41868876	-0,036	0,309
CHR6	16189712	CHR6:16189712	SSF x Far_LoA	-9,40110926	-0,025	0,297
CHR6	16189743	CHR6:16189743	SSF x Far_LoA	-7,70517855	-0,069	0,315
CHR6	16205516	CHR6:16205516	SSF x Far_LoA	-7,42191961	-0,118	0,305
CHR6	16206280	CHR6:16206280	SSF x Far_LoA	-11,516161	0,044	0,300
CHR6	16212667	CHR6:16212667	SSF x Far_LoA	-4,04314439	-0,192	0,299
CHR6	16212676	CHR6:16212676	SSF x Far_LoA	-5,49867721	-0,164	0,310
CHR6	16212677	CHR6:16212677	SSF x Far_LoA	-7,43216174	-0,152	0,300
CHR6	16212678	CHR6:16212678	SSF x Far_LoA	-11,2892185	-0,060	0,307
CHR6	16212844	CHR6:16212844	SSF x Far_LoA	-10,2622947	-0,070	0,313
CHR6	16212863	CHR6:16212863	SSF x Far_LoA	-6,0481348	-0,156	0,314
CHR6	16212868	CHR6:16212868	SSF x Far_LoA	-6,0564959	0,186	0,291
CHR6	16216505	CHR6:16216505	SSF x Far_LoA	-10,2742611	0,081	0,297
CHR6	16216596	CHR6:16216596	SSF x Far_LoA	-7,72819792	0,106	0,306
CHR6	16219728	CHR6:16219728	SSF x Far_LoA	-8,53149104	0,160	0,296
CHR6	16219748	CHR6:16219748	SSF x Far_LoA	-9,59132548	0,168	0,296
CHR6	16219835	CHR6:16219835	SSF x Far_LoA	-11,8403898	0,014	0,302
CHR6	16233398	CHR6:16233398	SSF x Far_LoA	-10,5166283	-0,042	0,318

CHR6	16244646	CHR6:16244646	SSF x Far_LoA	-8,31307052	0,034	0,315
CHR6	16244681	CHR6:16244681	SSF x Far_LoA	-8,62022437	0,052	0,306
CHR6	16244686	CHR6:16244686	SSF x Far_LoA	-9,6400427	0,032	0,307
CHR6	16244690	CHR6:16244690	SSF x Far_LoA	-10,2734522	-0,078	0,292
CHR6	16244721	CHR6:16244721	SSF x Far_LoA	-7,21268162	-0,089	0,319
CHR6	16249420	CHR6:16249420	SSF x Far_LoA	-10,5073758	0,037	0,312
CHR6	16249421	CHR6:16249421	SSF x Far_LoA	-10,3032603	-0,032	0,306
CHR6	16260106	CHR6:16260106	SSF x Far_LoA	-8,67860207	0,023	0,307
CHR6	16260133	CHR6:16260133	SSF x Far_LoA	-10,556866	-0,017	0,324
CHR6	16260154	CHR6:16260154	SSF x Far_LoA	-8,01384338	-0,081	0,292
CHR6	16260208	CHR6:16260208	SSF x Far_LoA	3,87862462	-0,079	0,292
CHR6	16282089	CHR6:16282089	SSF x Far_LoA	-10,2889077	-0,048	0,305
CHR6	16282150	CHR6:16282150	SSF x Far_LoA	-8,99890595	-0,053	0,314
CHR6	16282153	CHR6:16282153	SSF x Far_LoA	-9,08806306	-0,089	0,315
CHR6	16282219	CHR6:16282219	SSF x Far_LoA	-10,540506	-0,037	0,312
CHR6	16282273	CHR6:16282273	SSF x Far_LoA	-9,20861797	-0,066	0,300
CHR6	16288533	CHR6:16288533	SSF x Far_LoA	-8,13784846	0,099	0,319
CHR6	16288545	CHR6:16288545	SSF x Far_LoA	-7,22846157	-0,125	0,303
CHR6	16288568	CHR6:16288568	SSF x Far_LoA	-9,76525557	0,096	0,304
CHR6	16288569	CHR6:16288569	SSF x Far_LoA	-8,64547119	0,098	0,300
CHR6	16288599	CHR6:16288599	SSF x Far_LoA	-9,62557568	-0,069	0,313
CHR6	16288622	CHR6:16288622	SSF x Far_LoA	-8,43809607	-0,082	0,325
CHR6	16288681	CHR6:16288681	SSF x Far_LoA	1,51058465	0,191	0,294
CHR6	16312699	CHR6:16312699	SSF x Far_LoA	-8,58520443	0,094	0,302
CHR6	16312702	CHR6:16312702	SSF x Far_LoA	-6,30032605	0,097	0,302
CHR6	16312742	CHR6:16312742	SSF x Far_LoA	-10,3340648	0,105	0,304
CHR6	16312758	CHR6:16312758	SSF x Far_LoA	-9,2526873	0,116	0,305
CHR6	16313339	CHR6:16313339	SSF x Far_LoA	-12,1145816	0,048	0,298
CHR6	16313346	CHR6:16313346	SSF x Far_LoA	-10,5711327	0,021	0,307
CHR6	1632269	CHR6:1632269	SSF x Far_LoA	-9,33338667	-0,042	0,299
CHR6	16322956	CHR6:16322956	SSF x Far_LoA	-8,77124183	0,065	0,311
CHR6	1632318	CHR6:1632318	SSF x Far_LoA	-7,99870116	-0,042	0,283
CHR6	16328986	CHR6:16328986	SSF x Far_LoA	-10,4541889	-0,019	0,311
CHR6	16328988	CHR6:16328988	SSF x Far_LoA	-9,85142443	-0,062	0,303
CHR6	16329055	CHR6:16329055	SSF x Far_LoA	-3,98753772	-0,190	0,275
CHR6	16334171	CHR6:16334171	SSF x Far_LoA	-11,399136	-0,015	0,315
CHR6	16346058	CHR6:16346058	SSF x Far_LoA	-9,03867263	-0,010	0,320
CHR6	16348959	CHR6:16348959	SSF x Far_LoA	-11,1279318	0,030	0,303
CHR6	16349025	CHR6:16349025	SSF x Far_LoA	-8,6796674	-0,058	0,296
CHR6	16349084	CHR6:16349084	SSF x Far_LoA	-9,08452734	-0,047	0,312
CHR6	16349130	CHR6:16349130	SSF x Far_LoA	-6,57019633	-0,142	0,306
CHR6	16349141	CHR6:16349141	SSF x Far_LoA	-11,1597964	-0,075	0,311
CHR6	16349215	CHR6:16349215	SSF x Far_LoA	-8,60712629	-0,137	0,306
CHR6	16349227	CHR6:16349227	SSF x Far_LoA	-9,51018884	-0,084	0,311
CHR6	16349241	CHR6:16349241	SSF x Far_LoA	-8,17731869	-0,131	0,310
CHR6	16349272	CHR6:16349272	SSF x Far_LoA	-11,0368129	-0,144	0,311
CHR6	16349279	CHR6:16349279	SSF x Far_LoA	-10,4931122	-0,083	0,312
CHR6	16349284	CHR6:16349284	SSF x Far_LoA	-6,49162981	-0,124	0,304
CHR6	16362945	CHR6:16362945	SSF x Far_LoA	-8,49023967	-0,031	0,315
CHR6	16362959	CHR6:16362959	SSF x Far_LoA	-7,19395199	-0,062	0,306
CHR6	16363015	CHR6:16363015	SSF x Far_LoA	-5,70435387	-0,114	0,315
CHR6	16363047	CHR6:16363047	SSF x Far_LoA	-9,11334556	-0,106	0,300
CHR6	16363048	CHR6:16363048	SSF x Far_LoA	-4,96324494	0,135	0,307

CHR6	16363057	CHR6:16363057	SSF x Far_LoA	-5,90956107	0,157	0,295
CHR6	16364661	CHR6:16364661	SSF x Far_LoA	-11,2982643	-0,020	0,306
CHR6	16364699	CHR6:16364699	SSF x Far_LoA	-9,15802305	0,059	0,308
CHR6	16367657	CHR6:16367657	SSF x Far_LoA	-8,48168785	0,094	0,313
CHR6	16373536	CHR6:16373536	SSF x Far_LoA	-9,89124046	-0,108	0,288
CHR6	16373565	CHR6:16373565	SSF x Far_LoA	-9,31451937	0,085	0,302
CHR6	16376604	CHR6:16376604	SSF x Far_LoA	-9,7471557	0,032	0,302
CHR6	1638069	CHR6:1638069	SSF x Far_LoA	-9,94879968	-0,092	0,304
CHR6	1638749	CHR6:1638749	SSF x Far_LoA	-9,83009142	-0,023	0,309
CHR6	1640460	CHR6:1640460	SSF x Far_LoA	-2,02772648	-0,153	0,299
CHR6	16405769	CHR6:16405769	SSF x Far_LoA	-0,53251436	-0,086	0,294
CHR6	16415308	CHR6:16415308	SSF x Far_LoA	-0,16263386	0,129	0,302
CHR6	16415317	CHR6:16415317	SSF x Far_LoA	-9,66530258	0,145	0,308
CHR6	16415325	CHR6:16415325	SSF x Far_LoA	-8,49025541	0,133	0,311
CHR6	1642336	CHR6:1642336	SSF x Far_LoA	-8,80665749	-0,034	0,307
CHR6	16429907	CHR6:16429907	SSF x Far_LoA	-8,77273921	-0,007	0,325
CHR6	16429917	CHR6:16429917	SSF x Far_LoA	-9,48503197	-0,001	0,308
CHR6	16429926	CHR6:16429926	SSF x Far_LoA	-5,28089988	0,005	0,314
CHR6	16429943	CHR6:16429943	SSF x Far_LoA	-8,18630379	-0,001	0,314
CHR6	16429949	CHR6:16429949	SSF x Far_LoA	-7,77018095	0,005	0,324
CHR6	16429993	CHR6:16429993	SSF x Far_LoA	-8,48268886	-0,029	0,320
CHR6	16430010	CHR6:16430010	SSF x Far_LoA	-8,94323485	0,005	0,312
CHR6	16430018	CHR6:16430018	SSF x Far_LoA	-9,35079665	-0,020	0,311
CHR6	16430019	CHR6:16430019	SSF x Far_LoA	-8,92089171	-0,043	0,318
CHR6	16430020	CHR6:16430020	SSF x Far_LoA	-8,98340191	0,000	0,310
CHR6	16430038	CHR6:16430038	SSF x Far_LoA	-9,4477015	-0,002	0,317
CHR6	1643744	CHR6:1643744	SSF x Far_LoA	-9,3415583	-0,086	0,305
CHR6	16444960	CHR6:16444960	SSF x Far_LoA	-10,3091584	0,046	0,304
CHR6	16451836	CHR6:16451836	SSF x Far_LoA	-10,2348912	0,052	0,298
CHR6	16451928	CHR6:16451928	SSF x Far_LoA	-7,78752273	0,107	0,311
CHR6	16452006	CHR6:16452006	SSF x Far_LoA	-9,31687267	0,015	0,304
CHR6	16452031	CHR6:16452031	SSF x Far_LoA	-8,77261717	0,071	0,305
CHR6	16452093	CHR6:16452093	SSF x Far_LoA	-2,48145117	0,180	0,306
CHR6	16463686	CHR6:16463686	SSF x Far_LoA	-9,30135618	0,046	0,318
CHR6	16463696	CHR6:16463696	SSF x Far_LoA	-8,87374583	-0,024	0,308
CHR6	16463750	CHR6:16463750	SSF x Far_LoA	-8,66188269	0,005	0,315
CHR6	16502582	CHR6:16502582	SSF x Far_LoA	-8,18083207	-0,012	0,307
CHR6	16539990	CHR6:16539990	SSF x Far_LoA	-9,35402115	0,019	0,300
CHR6	16540068	CHR6:16540068	SSF x Far_LoA	-8,32264567	0,015	0,309
CHR6	16542	CHR6:16542	SSF x Far_LoA	-9,42367782	0,012	0,301
CHR6	16542210	CHR6:16542210	SSF x Far_LoA	-6,8027176	0,028	0,298
CHR6	16542280	CHR6:16542280	SSF x Far_LoA	-8,60689188	0,020	0,307
CHR6	16542289	CHR6:16542289	SSF x Far_LoA	-8,76694287	0,016	0,301
CHR6	16545240	CHR6:16545240	SSF x Far_LoA	-8,44805205	0,055	0,301
CHR6	16556763	CHR6:16556763	SSF x Far_LoA	-10,4295711	-0,036	0,310
CHR6	16568255	CHR6:16568255	SSF x Far_LoA	-10,8839633	0,065	0,307
CHR6	16568333	CHR6:16568333	SSF x Far_LoA	-10,5548668	0,034	0,314
CHR6	16568460	CHR6:16568460	SSF x Far_LoA	-10,0732754	-0,054	0,296
CHR6	16568478	CHR6:16568478	SSF x Far_LoA	-7,4794752	0,125	0,295
CHR6	16572013	CHR6:16572013	SSF x Far_LoA	-9,89882532	0,094	0,297
CHR6	16572072	CHR6:16572072	SSF x Far_LoA	-9,2274677	0,101	0,311
CHR6	16572094	CHR6:16572094	SSF x Far_LoA	-7,72831168	0,069	0,312
CHR6	16572154	CHR6:16572154	SSF x Far_LoA	-9,54119331	0,086	0,302

CHR6	16572192	CHR6:16572192	SSF x Far_LoA	-10,1282517	0,079	0,286
CHR6	16572196	CHR6:16572196	SSF x Far_LoA	-9,09870103	0,046	0,314
CHR6	16572197	CHR6:16572197	SSF x Far_LoA	-6,91694655	0,061	0,306
CHR6	16577829	CHR6:16577829	SSF x Far_LoA	-11,0286358	0,141	0,293
CHR6	16577959	CHR6:16577959	SSF x Far_LoA	-10,3312145	0,014	0,303
CHR6	16580289	CHR6:16580289	SSF x Far_LoA	-10,2021725	0,000	0,310
CHR6	16580360	CHR6:16580360	SSF x Far_LoA	-8,11513902	-0,119	0,305
CHR6	16580378	CHR6:16580378	SSF x Far_LoA	-6,49204353	0,170	0,307
CHR6	16580388	CHR6:16580388	SSF x Far_LoA	-9,60701873	-0,033	0,306
CHR6	16580389	CHR6:16580389	SSF x Far_LoA	-9,52919786	-0,015	0,308
CHR6	16580390	CHR6:16580390	SSF x Far_LoA	-8,72694072	-0,008	0,314
CHR6	16581438	CHR6:16581438	SSF x Far_LoA	-9,68241204	-0,010	0,310
CHR6	16581453	CHR6:16581453	SSF x Far_LoA	-8,9035555	-0,022	0,302
CHR6	16581457	CHR6:16581457	SSF x Far_LoA	-9,65851827	-0,048	0,308
CHR6	16581530	CHR6:16581530	SSF x Far_LoA	3,9256639	0,048	0,310
CHR6	16581531	CHR6:16581531	SSF x Far_LoA	-5,80328001	0,020	0,310
CHR6	16581544	CHR6:16581544	SSF x Far_LoA	-9,05082783	-0,032	0,318
CHR6	16583355	CHR6:16583355	SSF x Far_LoA	-9,17032088	-0,030	0,305
CHR6	16583359	CHR6:16583359	SSF x Far_LoA	-11,1322018	0,076	0,308
CHR6	16583363	CHR6:16583363	SSF x Far_LoA	-8,51952272	0,056	0,315
CHR6	16583425	CHR6:16583425	SSF x Far_LoA	-11,234457	-0,030	0,306
CHR6	16583434	CHR6:16583434	SSF x Far_LoA	-10,1257928	-0,052	0,320
CHR6	16583439	CHR6:16583439	SSF x Far_LoA	-9,07049863	0,072	0,312
CHR6	16583448	CHR6:16583448	SSF x Far_LoA	-8,9648409	-0,042	0,305
CHR6	16583471	CHR6:16583471	SSF x Far_LoA	-9,97241893	-0,020	0,301
CHR6	16587154	CHR6:16587154	SSF x Far_LoA	-8,64960122	0,015	0,304
CHR6	16587235	CHR6:16587235	SSF x Far_LoA	-11,5840341	0,050	0,303
CHR6	16587394	CHR6:16587394	SSF x Far_LoA	-6,79293475	0,141	0,297
CHR6	16588625	CHR6:16588625	SSF x Far_LoA	-10,1941842	0,063	0,301
CHR6	16588724	CHR6:16588724	SSF x Far_LoA	-9,53177959	0,024	0,315
CHR6	16601263	CHR6:16601263	SSF x Far_LoA	-10,2145581	0,108	0,297
CHR6	16601896	CHR6:16601896	SSF x Far_LoA	-6,55597405	0,146	0,313
CHR6	16605322	CHR6:16605322	SSF x Far_LoA	-10,1812435	0,029	0,321
CHR6	16605344	CHR6:16605344	SSF x Far_LoA	-9,77324834	0,065	0,313
CHR6	16605349	CHR6:16605349	SSF x Far_LoA	-10,0387118	-0,057	0,310
CHR6	16605404	CHR6:16605404	SSF x Far_LoA	-4,94567134	0,073	0,308
CHR6	16605527	CHR6:16605527	SSF x Far_LoA	-7,86616978	-0,038	0,310
CHR6	16605536	CHR6:16605536	SSF x Far_LoA	-6,93177188	0,112	0,319
CHR6	16609869	CHR6:16609869	SSF x Far_LoA	-5,17934923	-0,087	0,308
CHR6	16609892	CHR6:16609892	SSF x Far_LoA	-9,62491883	-0,008	0,307
CHR6	16609935	CHR6:16609935	SSF x Far_LoA	-7,5144703	0,116	0,312
CHR6	16609941	CHR6:16609941	SSF x Far_LoA	-7,14714316	0,127	0,293
CHR6	16609957	CHR6:16609957	SSF x Far_LoA	-8,18600371	0,104	0,312
CHR6	16609995	CHR6:16609995	SSF x Far_LoA	-7,06713589	0,176	0,299
CHR6	16612426	CHR6:16612426	SSF x Far_LoA	-8,78571341	-0,011	0,307
CHR6	16612438	CHR6:16612438	SSF x Far_LoA	-8,17214974	0,145	0,292
CHR6	16612459	CHR6:16612459	SSF x Far_LoA	-10,2008665	0,013	0,311
CHR6	16612543	CHR6:16612543	SSF x Far_LoA	-8,90247549	-0,023	0,318
CHR6	16612550	CHR6:16612550	SSF x Far_LoA	-10,5102904	0,029	0,304
CHR6	16612556	CHR6:16612556	SSF x Far_LoA	-11,7289359	0,029	0,294
CHR6	16612600	CHR6:16612600	SSF x Far_LoA	-10,5328662	0,046	0,293
CHR6	16612602	CHR6:16612602	SSF x Far_LoA	-8,90163464	0,085	0,308
CHR6	16612609	CHR6:16612609	SSF x Far_LoA	-9,12308127	0,074	0,302

CHR6	16612658	CHR6:16612658	SSF x Far_LoA	-8,9908232	-0,016	0,301
CHR6	16618390	CHR6:16618390	SSF x Far_LoA	-10,335232	-0,073	0,309
CHR6	16618480	CHR6:16618480	SSF x Far_LoA	-8,23395544	-0,031	0,321
CHR6	16621919	CHR6:16621919	SSF x Far_LoA	-9,93391868	-0,037	0,319
CHR6	16622025	CHR6:16622025	SSF x Far_LoA	-7,91185625	-0,100	0,301
CHR6	16622037	CHR6:16622037	SSF x Far_LoA	-11,1070036	-0,079	0,302
CHR6	16622064	CHR6:16622064	SSF x Far_LoA	-11,4738642	0,017	0,304
CHR6	16629720	CHR6:16629720	SSF x Far_LoA	-7,04084617	-0,059	0,295
CHR6	16629726	CHR6:16629726	SSF x Far_LoA	-8,83706336	-0,003	0,316
CHR6	16629783	CHR6:16629783	SSF x Far_LoA	-10,2461708	0,056	0,302
CHR6	16629828	CHR6:16629828	SSF x Far_LoA	-10,2533168	-0,129	0,302
CHR6	16632623	CHR6:16632623	SSF x Far_LoA	-12,2048128	0,039	0,298
CHR6	16632675	CHR6:16632675	SSF x Far_LoA	-8,13254495	-0,189	0,281
CHR6	16632698	CHR6:16632698	SSF x Far_LoA	-4,8184344	-0,197	0,308
CHR6	16632731	CHR6:16632731	SSF x Far_LoA	-7,65184897	0,175	0,306
CHR6	16636391	CHR6:16636391	SSF x Far_LoA	-11,7418704	-0,016	0,293
CHR6	16636427	CHR6:16636427	SSF x Far_LoA	-10,5737818	-0,015	0,314
CHR6	16636476	CHR6:16636476	SSF x Far_LoA	-9,4131844	-0,029	0,311
CHR6	16642636	CHR6:16642636	SSF x Far_LoA	-8,46176499	0,060	0,308
CHR6	16642640	CHR6:16642640	SSF x Far_LoA	-10,817973	-0,011	0,320
CHR6	16642730	CHR6:16642730	SSF x Far_LoA	-7,9502624	0,099	0,308
CHR6	16650661	CHR6:16650661	SSF x Far_LoA	-10,6421603	0,009	0,302
CHR6	16650720	CHR6:16650720	SSF x Far_LoA	-11,6209638	-0,051	0,309
CHR6	16651929	CHR6:16651929	SSF x Far_LoA	-6,64823954	0,193	0,281
CHR6	16651984	CHR6:16651984	SSF x Far_LoA	-8,36073704	0,061	0,298
CHR6	16652038	CHR6:16652038	SSF x Far_LoA	-9,56620114	-0,146	0,301
CHR6	16662081	CHR6:16662081	SSF x Far_LoA	-8,33307554	-0,040	0,316
CHR6	16664583	CHR6:16664583	SSF x Far_LoA	-2,98074395	-0,070	0,312
CHR6	16664610	CHR6:16664610	SSF x Far_LoA	-8,49507198	0,010	0,319
CHR6	16681107	CHR6:16681107	SSF x Far_LoA	-8,99217247	-0,114	0,319
CHR6	16681170	CHR6:16681170	SSF x Far_LoA	-6,36533521	-0,203	0,291
CHR6	16687759	CHR6:16687759	SSF x Far_LoA	-9,58980809	0,033	0,311
CHR6	16687785	CHR6:16687785	SSF x Far_LoA	-9,27861457	-0,112	0,311
CHR6	16695079	CHR6:16695079	SSF x Far_LoA	-11,4100538	-0,074	0,301
CHR6	16695128	CHR6:16695128	SSF x Far_LoA	-8,95227666	-0,090	0,310
CHR6	16695203	CHR6:16695203	SSF x Far_LoA	-12,1234631	0,028	0,312
CHR6	16698473	CHR6:16698473	SSF x Far_LoA	-7,31896212	-0,094	0,311
CHR6	16699196	CHR6:16699196	SSF x Far_LoA	-12,1829179	-0,082	0,294
CHR6	16699253	CHR6:16699253	SSF x Far_LoA	-10,511003	-0,021	0,314
CHR6	16699341	CHR6:16699341	SSF x Far_LoA	-4,66095308	0,007	0,318
CHR6	16699361	CHR6:16699361	SSF x Far_LoA	-5,94468845	0,027	0,316
CHR6	16699362	CHR6:16699362	SSF x Far_LoA	-4,16114059	0,041	0,308
CHR6	16699368	CHR6:16699368	SSF x Far_LoA	-8,73738752	0,039	0,318
CHR6	16702518	CHR6:16702518	SSF x Far_LoA	-8,14300607	-0,013	0,289
CHR6	16702610	CHR6:16702610	SSF x Far_LoA	-10,4806537	-0,060	0,304
CHR6	16702655	CHR6:16702655	SSF x Far_LoA	-7,89697621	-0,009	0,308
CHR6	16702718	CHR6:16702718	SSF x Far_LoA	-8,78876734	-0,069	0,313
CHR6	16702748	CHR6:16702748	SSF x Far_LoA	-7,71734245	0,071	0,308
CHR6	16735942	CHR6:16735942	SSF x Far_LoA	-7,72364568	0,005	0,300
CHR6	16735957	CHR6:16735957	SSF x Far_LoA	-10,1166438	-0,030	0,306
CHR6	16735992	CHR6:16735992	SSF x Far_LoA	-9,84326263	-0,019	0,307
CHR6	16736037	CHR6:16736037	SSF x Far_LoA	-8,69297939	0,092	0,302
CHR6	1674088	CHR6:1674088	SSF x Far_LoA	-6,09980602	-0,128	0,320

CHR6	16745982	CHR6:16745982	SSF x Far_LoA	-9,04621445	0,001	0,307
CHR6	16745988	CHR6:16745988	SSF x Far_LoA	-8,71880232	0,052	0,304
CHR6	16746010	CHR6:16746010	SSF x Far_LoA	-10,7234907	-0,051	0,310
CHR6	16746017	CHR6:16746017	SSF x Far_LoA	-8,20125601	0,106	0,313
CHR6	16746061	CHR6:16746061	SSF x Far_LoA	-8,74895392	0,097	0,298
CHR6	16766706	CHR6:16766706	SSF x Far_LoA	-8,42088398	-0,016	0,303
CHR6	16766709	CHR6:16766709	SSF x Far_LoA	7,03998088	0,145	0,300
CHR6	16783007	CHR6:16783007	SSF x Far_LoA	-9,94902466	-0,139	0,307
CHR6	16783049	CHR6:16783049	SSF x Far_LoA	-9,60695391	-0,093	0,314
CHR6	16783052	CHR6:16783052	SSF x Far_LoA	-11,5701952	-0,017	0,301
CHR6	16783059	CHR6:16783059	SSF x Far_LoA	-9,80435697	0,147	0,280
CHR6	16783063	CHR6:16783063	SSF x Far_LoA	-2,81212063	-0,179	0,289
CHR6	16783087	CHR6:16783087	SSF x Far_LoA	-9,59335735	0,062	0,307
CHR6	16783092	CHR6:16783092	SSF x Far_LoA	-11,857859	-0,023	0,312
CHR6	16783096	CHR6:16783096	SSF x Far_LoA	-6,93904478	-0,124	0,301
CHR6	16783121	CHR6:16783121	SSF x Far_LoA	-9,62386995	-0,083	0,312
CHR6	16786064	CHR6:16786064	SSF x Far_LoA	-5,49768389	-0,049	0,307
CHR6	16786128	CHR6:16786128	SSF x Far_LoA	-9,80943453	0,105	0,301
CHR6	16793078	CHR6:16793078	SSF x Far_LoA	-7,9435474	-0,024	0,312
CHR6	16793092	CHR6:16793092	SSF x Far_LoA	-11,4596904	0,062	0,298
CHR6	16793116	CHR6:16793116	SSF x Far_LoA	-9,71523254	0,043	0,311
CHR6	16793184	CHR6:16793184	SSF x Far_LoA	-6,83766427	0,204	0,298
CHR6	16793187	CHR6:16793187	SSF x Far_LoA	-3,45720846	-0,172	0,311
CHR6	16793196	CHR6:16793196	SSF x Far_LoA	-9,10720982	-0,027	0,303
CHR6	16794106	CHR6:16794106	SSF x Far_LoA	-10,7350416	0,052	0,308
CHR6	16794124	CHR6:16794124	SSF x Far_LoA	-9,57677896	0,105	0,301
CHR6	16799720	CHR6:16799720	SSF x Far_LoA	-8,80715325	-0,061	0,297
CHR6	16799750	CHR6:16799750	SSF x Far_LoA	-9,5077305	-0,007	0,303
CHR6	16799839	CHR6:16799839	SSF x Far_LoA	-10,3865775	0,090	0,287
CHR6	16799895	CHR6:16799895	SSF x Far_LoA	-8,88579238	-0,020	0,294
CHR6	16799913	CHR6:16799913	SSF x Far_LoA	-8,64054752	-0,017	0,312
CHR6	16799915	CHR6:16799915	SSF x Far_LoA	-8,19085538	-0,072	0,308
CHR6	16799918	CHR6:16799918	SSF x Far_LoA	-9,27985551	-0,005	0,296
CHR6	16799968	CHR6:16799968	SSF x Far_LoA	-9,38225254	-0,035	0,277
CHR6	16808491	CHR6:16808491	SSF x Far_LoA	-7,74647078	-0,181	0,304
CHR6	16808497	CHR6:16808497	SSF x Far_LoA	-9,92841056	-0,095	0,313
CHR6	16808550	CHR6:16808550	SSF x Far_LoA	-6,85695365	-0,207	0,295
CHR6	16808559	CHR6:16808559	SSF x Far_LoA	-9,1113599	0,058	0,295
CHR6	16808595	CHR6:16808595	SSF x Far_LoA	-8,84225592	0,081	0,306
CHR6	16813585	CHR6:16813585	SSF x Far_LoA	-7,04367583	0,135	0,302
CHR6	16813696	CHR6:16813696	SSF x Far_LoA	-10,7349534	-0,065	0,310
CHR6	16813705	CHR6:16813705	SSF x Far_LoA	-10,10491	-0,067	0,310
CHR6	16818588	CHR6:16818588	SSF x Far_LoA	-4,87413271	-0,077	0,300
CHR6	16818631	CHR6:16818631	SSF x Far_LoA	-10,6562051	0,048	0,304
CHR6	16818633	CHR6:16818633	SSF x Far_LoA	-8,38473209	-0,069	0,308
CHR6	16818648	CHR6:16818648	SSF x Far_LoA	-11,6172452	-0,064	0,311
CHR6	16818653	CHR6:16818653	SSF x Far_LoA	-10,7832141	-0,017	0,303
CHR6	16818668	CHR6:16818668	SSF x Far_LoA	-9,43275558	0,013	0,312
CHR6	16818691	CHR6:16818691	SSF x Far_LoA	-10,4867158	-0,021	0,293
CHR6	16818791	CHR6:16818791	SSF x Far_LoA	-6,97901465	0,031	0,318
CHR6	16818832	CHR6:16818832	SSF x Far_LoA	-8,85416032	-0,044	0,320
CHR6	16831061	CHR6:16831061	SSF x Far_LoA	-11,2494649	0,038	0,309
CHR6	16831088	CHR6:16831088	SSF x Far_LoA	-7,92595265	-0,009	0,306

CHR6	16831108	CHR6:16831108	SSF x Far_LoA	-10,68155	0,021	0,295
CHR6	16831150	CHR6:16831150	SSF x Far_LoA	-10,5803913	-0,083	0,300
CHR6	16831159	CHR6:16831159	SSF x Far_LoA	-7,59447783	-0,052	0,307
CHR6	16831224	CHR6:16831224	SSF x Far_LoA	-10,7030089	0,026	0,296
CHR6	16831245	CHR6:16831245	SSF x Far_LoA	-10,1622872	0,004	0,295
CHR6	16831273	CHR6:16831273	SSF x Far_LoA	-8,57517177	0,032	0,295
CHR6	16831302	CHR6:16831302	SSF x Far_LoA	-10,880959	0,087	0,289
CHR6	16846857	CHR6:16846857	SSF x Far_LoA	-0,02323076	0,190	0,286
CHR6	16846858	CHR6:16846858	SSF x Far_LoA	-11,6128628	-0,035	0,299
CHR6	16854815	CHR6:16854815	SSF x Far_LoA	-8,87769446	0,119	0,300
CHR6	16854824	CHR6:16854824	SSF x Far_LoA	-8,8726859	0,005	0,308
CHR6	16854890	CHR6:16854890	SSF x Far_LoA	-9,3280549	-0,099	0,318
CHR6	16854921	CHR6:16854921	SSF x Far_LoA	-9,57080847	0,005	0,302
CHR6	16858929	CHR6:16858929	SSF x Far_LoA	-9,709796	0,015	0,310
CHR6	16858991	CHR6:16858991	SSF x Far_LoA	-9,96273238	0,106	0,293
CHR6	16864028	CHR6:16864028	SSF x Far_LoA	-9,51657796	0,104	0,295
CHR6	1686594	CHR6:1686594	SSF x Far_LoA	-8,82849338	-0,135	0,308
CHR6	1686606	CHR6:1686606	SSF x Far_LoA	-11,1913759	0,123	0,310
CHR6	1686636	CHR6:1686636	SSF x Far_LoA	-10,0785428	0,019	0,305
CHR6	1686670	CHR6:1686670	SSF x Far_LoA	-10,9577658	0,038	0,294
CHR6	16899757	CHR6:16899757	SSF x Far_LoA	-10,8605938	-0,024	0,319
CHR6	16899769	CHR6:16899769	SSF x Far_LoA	-10,5949675	-0,060	0,317
CHR6	16899788	CHR6:16899788	SSF x Far_LoA	-8,72202771	0,145	0,318
CHR6	1690019	CHR6:1690019	SSF x Far_LoA	-9,00767432	0,024	0,312
CHR6	16905961	CHR6:16905961	SSF x Far_LoA	-10,9984616	0,028	0,310
CHR6	16906047	CHR6:16906047	SSF x Far_LoA	-8,60308243	-0,020	0,311
CHR6	16909407	CHR6:16909407	SSF x Far_LoA	-10,4775624	-0,011	0,303
CHR6	16909458	CHR6:16909458	SSF x Far_LoA	-10,3636118	0,053	0,307
CHR6	16909465	CHR6:16909465	SSF x Far_LoA	-9,05428824	-0,036	0,306
CHR6	16909511	CHR6:16909511	SSF x Far_LoA	-10,6254294	0,073	0,311
CHR6	16909515	CHR6:16909515	SSF x Far_LoA	-9,16300946	0,041	0,326
CHR6	16913212	CHR6:16913212	SSF x Far_LoA	-9,4061872	-0,005	0,307
CHR6	16917983	CHR6:16917983	SSF x Far_LoA	-11,3252597	0,054	0,311
CHR6	16918028	CHR6:16918028	SSF x Far_LoA	-11,9104732	0,048	0,310
CHR6	16918061	CHR6:16918061	SSF x Far_LoA	-8,58234419	-0,014	0,314
CHR6	16918077	CHR6:16918077	SSF x Far_LoA	-11,8552445	0,049	0,318
CHR6	16918139	CHR6:16918139	SSF x Far_LoA	-10,8391617	-0,021	0,306
CHR6	16925258	CHR6:16925258	SSF x Far_LoA	-6,23597688	0,016	0,302
CHR6	16925364	CHR6:16925364	SSF x Far_LoA	-9,74669642	0,088	0,307
CHR6	16925392	CHR6:16925392	SSF x Far_LoA	-9,93540126	0,097	0,301
CHR6	16931556	CHR6:16931556	SSF x Far_LoA	-8,8324794	-0,180	0,304
CHR6	16931613	CHR6:16931613	SSF x Far_LoA	-10,8975954	0,097	0,293
CHR6	16931720	CHR6:16931720	SSF x Far_LoA	-5,96530708	-0,194	0,304
CHR6	16934679	CHR6:16934679	SSF x Far_LoA	-7,24188061	-0,138	0,293
CHR6	16934732	CHR6:16934732	SSF x Far_LoA	-9,11388663	-0,014	0,314
CHR6	16934735	CHR6:16934735	SSF x Far_LoA	-7,18428499	-0,155	0,301
CHR6	16942164	CHR6:16942164	SSF x Far_LoA	-10,1554743	-0,079	0,305
CHR6	16943796	CHR6:16943796	SSF x Far_LoA	-8,07945257	-0,134	0,314
CHR6	16944032	CHR6:16944032	SSF x Far_LoA	-8,40216721	0,013	0,315
CHR6	16944083	CHR6:16944083	SSF x Far_LoA	-9,01194365	-0,072	0,310
CHR6	16950916	CHR6:16950916	SSF x Far_LoA	-8,30309552	0,000	0,291
CHR6	16950939	CHR6:16950939	SSF x Far_LoA	-7,33381299	0,082	0,298
CHR6	16950952	CHR6:16950952	SSF x Far_LoA	-8,69465927	-0,084	0,297

CHR6	16951022	CHR6:16951022	SSF x Far_LoA	-7,40912187	-0,150	0,285
CHR6	16951024	CHR6:16951024	SSF x Far_LoA	-9,21592057	0,044	0,316
CHR6	16952861	CHR6:16952861	SSF x Far_LoA	-8,16804326	0,097	0,307
CHR6	16956962	CHR6:16956962	SSF x Far_LoA	-9,01142424	0,026	0,305
CHR6	16957089	CHR6:16957089	SSF x Far_LoA	-4,99634	-0,167	0,290
CHR6	16958797	CHR6:16958797	SSF x Far_LoA	-8,79476258	-0,061	0,314
CHR6	16965939	CHR6:16965939	SSF x Far_LoA	-9,96184568	-0,041	0,311
CHR6	16965977	CHR6:16965977	SSF x Far_LoA	-10,5401761	0,012	0,309
CHR6	16965995	CHR6:16965995	SSF x Far_LoA	-6,95302003	0,111	0,305
CHR6	16971759	CHR6:16971759	SSF x Far_LoA	-8,83650626	0,119	0,301
CHR6	16974120	CHR6:16974120	SSF x Far_LoA	-8,17410725	-0,105	0,318
CHR6	16974126	CHR6:16974126	SSF x Far_LoA	-9,35896349	0,082	0,284
CHR6	16974172	CHR6:16974172	SSF x Far_LoA	-5,89096812	-0,197	0,287
CHR6	16974186	CHR6:16974186	SSF x Far_LoA	-9,97103708	0,060	0,306
CHR6	16974201	CHR6:16974201	SSF x Far_LoA	-10,4278638	-0,052	0,299
CHR6	16974215	CHR6:16974215	SSF x Far_LoA	-9,30891457	0,064	0,299
CHR6	16974243	CHR6:16974243	SSF x Far_LoA	-11,3602035	0,051	0,308
CHR6	16974273	CHR6:16974273	SSF x Far_LoA	-10,2419675	0,070	0,303
CHR6	16974294	CHR6:16974294	SSF x Far_LoA	-9,92386922	0,070	0,298
CHR6	16974347	CHR6:16974347	SSF x Far_LoA	-4,09096305	-0,232	0,290
CHR6	1698345	CHR6:1698345	SSF x Far_LoA	-11,7234827	-0,075	0,313
CHR6	1698370	CHR6:1698370	SSF x Far_LoA	-6,15710923	-0,049	0,308
CHR6	16985378	CHR6:16985378	SSF x Far_LoA	-10,5587177	-0,022	0,309
CHR6	16985412	CHR6:16985412	SSF x Far_LoA	-10,0952891	-0,018	0,289
CHR6	16985424	CHR6:16985424	SSF x Far_LoA	-8,967806	0,036	0,307
CHR6	16985453	CHR6:16985453	SSF x Far_LoA	-10,5087062	-0,106	0,302
CHR6	16985473	CHR6:16985473	SSF x Far_LoA	-10,6558538	-0,058	0,304
CHR6	16985487	CHR6:16985487	SSF x Far_LoA	-9,39726767	-0,092	0,314
CHR6	16985567	CHR6:16985567	SSF x Far_LoA	-10,8402646	-0,114	0,305
CHR6	16985570	CHR6:16985570	SSF x Far_LoA	-10,438737	-0,049	0,308
CHR6	16985617	CHR6:16985617	SSF x Far_LoA	-11,1971518	-0,132	0,303
CHR6	16989243	CHR6:16989243	SSF x Far_LoA	-10,5613122	0,072	0,310
CHR6	17005567	CHR6:17005567	SSF x Far_LoA	-11,273544	0,036	0,298
CHR6	17005611	CHR6:17005611	SSF x Far_LoA	-9,6445457	-0,129	0,310
CHR6	17005662	CHR6:17005662	SSF x Far_LoA	-11,7042137	-0,023	0,305
CHR6	17005673	CHR6:17005673	SSF x Far_LoA	-9,42870767	-0,002	0,305
CHR6	17005690	CHR6:17005690	SSF x Far_LoA	-11,3825692	0,029	0,315
CHR6	17005722	CHR6:17005722	SSF x Far_LoA	-4,32036271	-0,020	0,304
CHR6	17005735	CHR6:17005735	SSF x Far_LoA	-10,3659777	-0,002	0,314
CHR6	17005740	CHR6:17005740	SSF x Far_LoA	-7,71110038	0,033	0,313
CHR6	17005763	CHR6:17005763	SSF x Far_LoA	-11,6410064	-0,007	0,301
CHR6	17005784	CHR6:17005784	SSF x Far_LoA	-5,8171089	-0,030	0,294
CHR6	17005796	CHR6:17005796	SSF x Far_LoA	-4,52188083	0,053	0,328
CHR6	17005801	CHR6:17005801	SSF x Far_LoA	-8,91356198	-0,008	0,304
CHR6	17005817	CHR6:17005817	SSF x Far_LoA	-6,56207969	-0,097	0,304
CHR6	17005820	CHR6:17005820	SSF x Far_LoA	-8,5834453	-0,085	0,308
CHR6	17011042	CHR6:17011042	SSF x Far_LoA	-10,7251258	0,090	0,306
CHR6	17011070	CHR6:17011070	SSF x Far_LoA	-5,10325641	-0,023	0,317
CHR6	17011086	CHR6:17011086	SSF x Far_LoA	-11,2310208	-0,110	0,300
CHR6	17011136	CHR6:17011136	SSF x Far_LoA	-9,09186617	-0,152	0,294
CHR6	17011259	CHR6:17011259	SSF x Far_LoA	-11,52584	-0,027	0,293
CHR6	17014795	CHR6:17014795	SSF x Far_LoA	-10,5414821	-0,024	0,309
CHR6	17014890	CHR6:17014890	SSF x Far_LoA	-7,43843694	-0,218	0,293

CHR6	17014891	CHR6:17014891	SSF x Far_LoA	-7,35985071	0,175	0,300
CHR6	17014919	CHR6:17014919	SSF x Far_LoA	-8,09796951	0,155	0,308
CHR6	17023886	CHR6:17023886	SSF x Far_LoA	-6,78002364	0,106	0,292
CHR6	17024070	CHR6:17024070	SSF x Far_LoA	-9,44045664	0,173	0,284
CHR6	17024081	CHR6:17024081	SSF x Far_LoA	-7,13176992	0,206	0,289
CHR6	17025797	CHR6:17025797	SSF x Far_LoA	-10,4577843	0,098	0,298
CHR6	17025819	CHR6:17025819	SSF x Far_LoA	-10,2354393	-0,034	0,316
CHR6	17025909	CHR6:17025909	SSF x Far_LoA	-8,9621916	-0,096	0,307
CHR6	17030612	CHR6:17030612	SSF x Far_LoA	-8,45962431	-0,011	0,304
CHR6	17033854	CHR6:17033854	SSF x Far_LoA	-9,33705142	-0,151	0,293
CHR6	17034173	CHR6:17034173	SSF x Far_LoA	0,92422173	-0,153	0,302
CHR6	17034176	CHR6:17034176	SSF x Far_LoA	-10,2977614	-0,030	0,306
CHR6	17034189	CHR6:17034189	SSF x Far_LoA	-8,15375659	-0,136	0,298
CHR6	17037757	CHR6:17037757	SSF x Far_LoA	-10,2019682	-0,039	0,308
CHR6	17037763	CHR6:17037763	SSF x Far_LoA	-9,16101474	0,068	0,308
CHR6	17037772	CHR6:17037772	SSF x Far_LoA	-6,17089695	0,125	0,299
CHR6	17037777	CHR6:17037777	SSF x Far_LoA	-10,3422326	0,001	0,314
CHR6	17037786	CHR6:17037786	SSF x Far_LoA	-10,1531798	0,093	0,301
CHR6	17037794	CHR6:17037794	SSF x Far_LoA	-4,15505761	0,118	0,293
CHR6	17037846	CHR6:17037846	SSF x Far_LoA	-10,3021586	-0,031	0,304
CHR6	17037879	CHR6:17037879	SSF x Far_LoA	-9,3509893	-0,054	0,311
CHR6	17037949	CHR6:17037949	SSF x Far_LoA	-8,88650614	-0,005	0,316
CHR6	17037968	CHR6:17037968	SSF x Far_LoA	-8,45693294	0,056	0,307
CHR6	17037969	CHR6:17037969	SSF x Far_LoA	-8,01515317	0,068	0,309
CHR6	17045816	CHR6:17045816	SSF x Far_LoA	-9,08496843	0,062	0,306
CHR6	17045831	CHR6:17045831	SSF x Far_LoA	-8,90168212	0,015	0,307
CHR6	17045910	CHR6:17045910	SSF x Far_LoA	-11,1864023	-0,043	0,312
CHR6	17046034	CHR6:17046034	SSF x Far_LoA	-9,57587417	-0,046	0,309
CHR6	17050616	CHR6:17050616	SSF x Far_LoA	-9,75263835	-0,011	0,301
CHR6	17050618	CHR6:17050618	SSF x Far_LoA	-6,10356625	0,009	0,325
CHR6	17050619	CHR6:17050619	SSF x Far_LoA	-8,93804409	0,005	0,312
CHR6	17050624	CHR6:17050624	SSF x Far_LoA	-9,03965456	-0,003	0,310
CHR6	1706131	CHR6:1706131	SSF x Far_LoA	-10,4056916	-0,042	0,292
CHR6	1706132	CHR6:1706132	SSF x Far_LoA	-12,1610152	-0,013	0,311
CHR6	1706237	CHR6:1706237	SSF x Far_LoA	-0,46532131	-0,124	0,304
CHR6	17075507	CHR6:17075507	SSF x Far_LoA	-7,35842784	-0,134	0,300
CHR6	17075532	CHR6:17075532	SSF x Far_LoA	-4,42895537	0,006	0,317
CHR6	17075546	CHR6:17075546	SSF x Far_LoA	-6,96718147	-0,120	0,310
CHR6	17075559	CHR6:17075559	SSF x Far_LoA	-8,83643398	0,009	0,310
CHR6	17075586	CHR6:17075586	SSF x Far_LoA	-10,1024594	0,036	0,318
CHR6	17075661	CHR6:17075661	SSF x Far_LoA	-9,8569722	-0,033	0,295
CHR6	17077838	CHR6:17077838	SSF x Far_LoA	-8,69832161	0,012	0,299
CHR6	17077910	CHR6:17077910	SSF x Far_LoA	-10,6759143	0,012	0,307
CHR6	17077912	CHR6:17077912	SSF x Far_LoA	-1,39301331	-0,206	0,309
CHR6	17082212	CHR6:17082212	SSF x Far_LoA	-10,8477998	-0,056	0,318
CHR6	17082223	CHR6:17082223	SSF x Far_LoA	-9,07459179	-0,110	0,278
CHR6	17098142	CHR6:17098142	SSF x Far_LoA	-11,8157026	-0,035	0,307
CHR6	17100358	CHR6:17100358	SSF x Far_LoA	-10,6103721	0,022	0,305
CHR6	17100591	CHR6:17100591	SSF x Far_LoA	-9,66442259	0,083	0,298
CHR6	17101814	CHR6:17101814	SSF x Far_LoA	-9,33153126	0,081	0,304
CHR6	1710599	CHR6:1710599	SSF x Far_LoA	-9,4073941	-0,121	0,303
CHR6	1710671	CHR6:1710671	SSF x Far_LoA	-6,97271876	0,135	0,321
CHR6	17108058	CHR6:17108058	SSF x Far_LoA	-7,76092686	0,008	0,306

CHR6	17108617	CHR6:17108617	SSF x Far_LoA	-10,4045417	0,111	0,308
CHR6	17108648	CHR6:17108648	SSF x Far_LoA	-8,98701217	0,109	0,302
CHR6	17108657	CHR6:17108657	SSF x Far_LoA	-8,49065745	0,001	0,308
CHR6	17121948	CHR6:17121948	SSF x Far_LoA	-7,93941648	-0,054	0,308
CHR6	17121983	CHR6:17121983	SSF x Far_LoA	-4,12226723	-0,031	0,314
CHR6	17122068	CHR6:17122068	SSF x Far_LoA	-8,1229122	0,013	0,313
CHR6	17122094	CHR6:17122094	SSF x Far_LoA	-9,63289216	-0,014	0,311
CHR6	17122128	CHR6:17122128	SSF x Far_LoA	-7,80211016	0,034	0,309
CHR6	17122134	CHR6:17122134	SSF x Far_LoA	-7,81903833	0,041	0,301
CHR6	17122152	CHR6:17122152	SSF x Far_LoA	-8,35236706	-0,030	0,311
CHR6	17122155	CHR6:17122155	SSF x Far_LoA	-9,19220042	0,014	0,308
CHR6	17122173	CHR6:17122173	SSF x Far_LoA	-9,54108668	-0,010	0,310
CHR6	17122194	CHR6:17122194	SSF x Far_LoA	-9,51190674	0,045	0,317
CHR6	17132365	CHR6:17132365	SSF x Far_LoA	-7,86817999	0,011	0,312
CHR6	17132416	CHR6:17132416	SSF x Far_LoA	-9,8829137	0,014	0,297
CHR6	17145028	CHR6:17145028	SSF x Far_LoA	-8,63221986	0,017	0,289
CHR6	17145038	CHR6:17145038	SSF x Far_LoA	-6,59567028	-0,078	0,315
CHR6	17145059	CHR6:17145059	SSF x Far_LoA	-7,72061508	0,049	0,314
CHR6	17145078	CHR6:17145078	SSF x Far_LoA	-8,92014325	0,047	0,314
CHR6	17145083	CHR6:17145083	SSF x Far_LoA	-8,94108714	0,051	0,309
CHR6	17145088	CHR6:17145088	SSF x Far_LoA	-11,2394869	0,132	0,310
CHR6	17145089	CHR6:17145089	SSF x Far_LoA	2,39132127	0,055	0,320
CHR6	17145097	CHR6:17145097	SSF x Far_LoA	-9,34276013	0,034	0,313
CHR6	17145110	CHR6:17145110	SSF x Far_LoA	-11,1946078	0,040	0,311
CHR6	17145130	CHR6:17145130	SSF x Far_LoA	-8,00494485	0,015	0,317
CHR6	17145141	CHR6:17145141	SSF x Far_LoA	-6,32913941	0,099	0,304
CHR6	17145167	CHR6:17145167	SSF x Far_LoA	-11,871654	0,033	0,306
CHR6	17145170	CHR6:17145170	SSF x Far_LoA	-6,4128572	0,013	0,319
CHR6	17145176	CHR6:17145176	SSF x Far_LoA	-9,1109554	0,014	0,313
CHR6	17145214	CHR6:17145214	SSF x Far_LoA	-5,20040527	-0,021	0,303
CHR6	17145226	CHR6:17145226	SSF x Far_LoA	-11,3856489	-0,046	0,297
CHR6	17145227	CHR6:17145227	SSF x Far_LoA	-7,07413991	-0,078	0,309
CHR6	17145254	CHR6:17145254	SSF x Far_LoA	-6,4532788	-0,147	0,309
CHR6	17154351	CHR6:17154351	SSF x Far_LoA	-7,73082336	-0,110	0,308
CHR6	17154379	CHR6:17154379	SSF x Far_LoA	-8,1060381	0,079	0,304
CHR6	17154434	CHR6:17154434	SSF x Far_LoA	-11,3902898	-0,039	0,309
CHR6	17154473	CHR6:17154473	SSF x Far_LoA	-9,79393873	0,044	0,306
CHR6	17154479	CHR6:17154479	SSF x Far_LoA	-12,3895171	-0,024	0,313
CHR6	17154580	CHR6:17154580	SSF x Far_LoA	-8,82580057	-0,102	0,308
CHR6	17154615	CHR6:17154615	SSF x Far_LoA	-7,82367767	0,063	0,315
CHR6	17158255	CHR6:17158255	SSF x Far_LoA	-5,528718	0,019	0,320
CHR6	1715876	CHR6:1715876	SSF x Far_LoA	-9,45027955	-0,027	0,306
CHR6	1715910	CHR6:1715910	SSF x Far_LoA	-8,14288845	0,033	0,303
CHR6	1715922	CHR6:1715922	SSF x Far_LoA	-8,44839924	-0,099	0,310
CHR6	1716022	CHR6:1716022	SSF x Far_LoA	-7,78854549	0,109	0,295
CHR6	1716048	CHR6:1716048	SSF x Far_LoA	-11,1728032	-0,013	0,321
CHR6	1716085	CHR6:1716085	SSF x Far_LoA	-8,30784137	0,006	0,295
CHR6	17187767	CHR6:17187767	SSF x Far_LoA	-7,16255152	-0,087	0,308
CHR6	17187863	CHR6:17187863	SSF x Far_LoA	-8,93849843	-0,028	0,315
CHR6	17188285	CHR6:17188285	SSF x Far_LoA	-9,30275217	-0,061	0,294
CHR6	17188367	CHR6:17188367	SSF x Far_LoA	-11,377216	-0,038	0,308
CHR6	17202081	CHR6:17202081	SSF x Far_LoA	-10,2957335	0,002	0,298
CHR6	17202116	CHR6:17202116	SSF x Far_LoA	-10,1795102	-0,026	0,301

CHR6	17204503	CHR6:17204503	SSF x Far_LoA	-7,91414028	0,089	0,322
CHR6	17204601	CHR6:17204601	SSF x Far_LoA	-6,69509071	0,201	0,294
CHR6	17216935	CHR6:17216935	SSF x Far_LoA	-10,5728777	0,090	0,295
CHR6	17219744	CHR6:17219744	SSF x Far_LoA	-9,57404238	-0,096	0,307
CHR6	17219748	CHR6:17219748	SSF x Far_LoA	-8,10665529	-0,065	0,315
CHR6	17219760	CHR6:17219760	SSF x Far_LoA	-9,95381816	-0,097	0,319
CHR6	17219780	CHR6:17219780	SSF x Far_LoA	-8,60489057	-0,045	0,310
CHR6	17221680	CHR6:17221680	SSF x Far_LoA	-11,3319776	-0,072	0,311
CHR6	1723439	CHR6:1723439	SSF x Far_LoA	-11,4365807	0,051	0,303
CHR6	17239149	CHR6:17239149	SSF x Far_LoA	-9,28676978	0,090	0,309
CHR6	17239306	CHR6:17239306	SSF x Far_LoA	-10,2801682	0,027	0,295
CHR6	17239384	CHR6:17239384	SSF x Far_LoA	-9,13300742	-0,091	0,310
CHR6	17239389	CHR6:17239389	SSF x Far_LoA	-11,1195787	0,020	0,314
CHR6	17246967	CHR6:17246967	SSF x Far_LoA	-7,72334829	0,046	0,313
CHR6	17246993	CHR6:17246993	SSF x Far_LoA	-8,60654696	0,106	0,310
CHR6	17247012	CHR6:17247012	SSF x Far_LoA	-11,3453465	-0,044	0,312
CHR6	17247024	CHR6:17247024	SSF x Far_LoA	-8,70832521	-0,116	0,305
CHR6	17247025	CHR6:17247025	SSF x Far_LoA	-10,6269476	-0,130	0,309
CHR6	17248879	CHR6:17248879	SSF x Far_LoA	-9,09045423	-0,075	0,304
CHR6	17248894	CHR6:17248894	SSF x Far_LoA	-9,97062264	-0,059	0,312
CHR6	17248922	CHR6:17248922	SSF x Far_LoA	-8,46568505	-0,042	0,314
CHR6	17248923	CHR6:17248923	SSF x Far_LoA	-9,42567594	-0,059	0,314
CHR6	17248945	CHR6:17248945	SSF x Far_LoA	-7,07018152	0,133	0,307
CHR6	17248946	CHR6:17248946	SSF x Far_LoA	-9,48363268	0,070	0,312
CHR6	17248962	CHR6:17248962	SSF x Far_LoA	-7,79092841	0,074	0,304
CHR6	17248973	CHR6:17248973	SSF x Far_LoA	-9,33781713	0,070	0,316
CHR6	17260876	CHR6:17260876	SSF x Far_LoA	-10,7311319	0,113	0,305
CHR6	17260914	CHR6:17260914	SSF x Far_LoA	-10,1921872	0,010	0,308
CHR6	17260933	CHR6:17260933	SSF x Far_LoA	-10,117071	-0,015	0,308
CHR6	17264630	CHR6:17264630	SSF x Far_LoA	-6,97331185	-0,012	0,302
CHR6	17264642	CHR6:17264642	SSF x Far_LoA	-9,11507624	-0,045	0,289
CHR6	17264664	CHR6:17264664	SSF x Far_LoA	-7,16434859	-0,089	0,299
CHR6	17266968	CHR6:17266968	SSF x Far_LoA	-9,91929174	-0,030	0,297
CHR6	17267010	CHR6:17267010	SSF x Far_LoA	-8,99189911	0,050	0,301
CHR6	17267057	CHR6:17267057	SSF x Far_LoA	-8,65356018	-0,164	0,296
CHR6	17267061	CHR6:17267061	SSF x Far_LoA	-8,26723996	-0,151	0,299
CHR6	17275725	CHR6:17275725	SSF x Far_LoA	-10,9012542	-0,042	0,304
CHR6	17280370	CHR6:17280370	SSF x Far_LoA	-9,5239297	0,009	0,312
CHR6	17280469	CHR6:17280469	SSF x Far_LoA	-7,35263558	-0,003	0,310
CHR6	17280509	CHR6:17280509	SSF x Far_LoA	-8,82445872	0,013	0,309
CHR6	17280532	CHR6:17280532	SSF x Far_LoA	-8,86157247	-0,065	0,290
CHR6	17280537	CHR6:17280537	SSF x Far_LoA	-10,1057051	0,058	0,311
CHR6	17287866	CHR6:17287866	SSF x Far_LoA	-9,89434898	-0,025	0,300
CHR6	17289801	CHR6:17289801	SSF x Far_LoA	-8,92167968	0,071	0,293
CHR6	17289802	CHR6:17289802	SSF x Far_LoA	-7,83334521	-0,027	0,308
CHR6	17289831	CHR6:17289831	SSF x Far_LoA	-5,84565698	0,100	0,295
CHR6	17289874	CHR6:17289874	SSF x Far_LoA	-9,14384009	0,091	0,301
CHR6	17289944	CHR6:17289944	SSF x Far_LoA	-5,7985215	-0,036	0,291
CHR6	17289949	CHR6:17289949	SSF x Far_LoA	-8,74569843	-0,060	0,301
CHR6	17289982	CHR6:17289982	SSF x Far_LoA	-12,5059324	-0,046	0,299
CHR6	17289997	CHR6:17289997	SSF x Far_LoA	-11,2228902	0,008	0,295
CHR6	1730967	CHR6:1730967	SSF x Far_LoA	-8,99595017	0,136	0,293
CHR6	1730973	CHR6:1730973	SSF x Far_LoA	-8,08704507	0,153	0,298

CHR6	1731007	CHR6:1731007	SSF x Far_LoA	-10,42995	0,164	0,297
CHR6	1731021	CHR6:1731021	SSF x Far_LoA	-8,61105001	-0,055	0,296
CHR6	1731032	CHR6:1731032	SSF x Far_LoA	-11,1177255	0,078	0,310
CHR6	1731092	CHR6:1731092	SSF x Far_LoA	-8,6784162	-0,004	0,313
CHR6	1731093	CHR6:1731093	SSF x Far_LoA	-12,0911367	-0,009	0,300
CHR6	17311728	CHR6:17311728	SSF x Far_LoA	-8,58860246	-0,047	0,314
CHR6	17311736	CHR6:17311736	SSF x Far_LoA	-9,60206852	-0,019	0,321
CHR6	17311770	CHR6:17311770	SSF x Far_LoA	-2,47177495	-0,143	0,304
CHR6	17317326	CHR6:17317326	SSF x Far_LoA	-9,29039559	0,034	0,298
CHR6	17317340	CHR6:17317340	SSF x Far_LoA	-8,74451317	0,045	0,317
CHR6	17338505	CHR6:17338505	SSF x Far_LoA	-7,5235758	-0,117	0,314
CHR6	17338576	CHR6:17338576	SSF x Far_LoA	-10,5820898	-0,035	0,316
CHR6	17338589	CHR6:17338589	SSF x Far_LoA	-3,58184054	-0,157	0,309
CHR6	17338621	CHR6:17338621	SSF x Far_LoA	-1,75429944	-0,233	0,295
CHR6	17338640	CHR6:17338640	SSF x Far_LoA	2,5049561	-0,216	0,299
CHR6	17338668	CHR6:17338668	SSF x Far_LoA	-6,99211598	0,132	0,304
CHR6	17342	CHR6:17342	SSF x Far_LoA	-8,55077001	0,108	0,310
CHR6	1734584	CHR6:1734584	SSF x Far_LoA	-7,89448337	0,083	0,311
CHR6	1734630	CHR6:1734630	SSF x Far_LoA	-9,19447829	0,023	0,313
CHR6	1734797	CHR6:1734797	SSF x Far_LoA	-9,4913363	0,037	0,302
CHR6	17405388	CHR6:17405388	SSF x Far_LoA	-9,50823317	0,048	0,304
CHR6	17405390	CHR6:17405390	SSF x Far_LoA	-9,7697675	-0,040	0,309
CHR6	17405435	CHR6:17405435	SSF x Far_LoA	-9,10639351	-0,050	0,318
CHR6	17405446	CHR6:17405446	SSF x Far_LoA	-11,2991028	-0,010	0,307
CHR6	17405522	CHR6:17405522	SSF x Far_LoA	-11,2694938	0,087	0,302
CHR6	17405606	CHR6:17405606	SSF x Far_LoA	-8,64318505	-0,006	0,317
CHR6	17410260	CHR6:17410260	SSF x Far_LoA	-11,1535911	-0,035	0,307
CHR6	17414943	CHR6:17414943	SSF x Far_LoA	-8,62473292	0,047	0,322
CHR6	17418248	CHR6:17418248	SSF x Far_LoA	-9,84526638	0,111	0,305
CHR6	17419880	CHR6:17419880	SSF x Far_LoA	-7,54794282	0,139	0,308
CHR6	17419951	CHR6:17419951	SSF x Far_LoA	-10,6262443	-0,023	0,313
CHR6	17420042	CHR6:17420042	SSF x Far_LoA	-9,51905668	0,088	0,306
CHR6	17420087	CHR6:17420087	SSF x Far_LoA	-10,8382735	0,019	0,294
CHR6	17423619	CHR6:17423619	SSF x Far_LoA	-6,64400937	0,020	0,309
CHR6	17423675	CHR6:17423675	SSF x Far_LoA	-1,47583579	0,113	0,315
CHR6	17423677	CHR6:17423677	SSF x Far_LoA	-6,4189063	0,077	0,310
CHR6	17423756	CHR6:17423756	SSF x Far_LoA	-8,89238418	0,006	0,309
CHR6	17431812	CHR6:17431812	SSF x Far_LoA	-6,32460557	0,068	0,306
CHR6	17431838	CHR6:17431838	SSF x Far_LoA	-10,7000484	0,008	0,294
CHR6	17431855	CHR6:17431855	SSF x Far_LoA	-10,0231637	-0,010	0,289
CHR6	17431892	CHR6:17431892	SSF x Far_LoA	-11,2362112	-0,088	0,307
CHR6	17431914	CHR6:17431914	SSF x Far_LoA	-11,3228984	-0,045	0,313
CHR6	17431915	CHR6:17431915	SSF x Far_LoA	-10,0467772	0,082	0,296
CHR6	17431920	CHR6:17431920	SSF x Far_LoA	-10,8150776	-0,120	0,297
CHR6	17460429	CHR6:17460429	SSF x Far_LoA	-9,75864114	-0,032	0,300
CHR6	17460465	CHR6:17460465	SSF x Far_LoA	-8,53489107	-0,008	0,299
CHR6	17467168	CHR6:17467168	SSF x Far_LoA	-12,0191435	-0,004	0,300
CHR6	17472426	CHR6:17472426	SSF x Far_LoA	-10,4916202	0,089	0,303
CHR6	17472436	CHR6:17472436	SSF x Far_LoA	-8,38771274	0,072	0,304
CHR6	17475699	CHR6:17475699	SSF x Far_LoA	-10,6661329	-0,086	0,304
CHR6	17477545	CHR6:17477545	SSF x Far_LoA	-9,97461082	-0,051	0,301
CHR6	17505306	CHR6:17505306	SSF x Far_LoA	-1,47571476	-0,113	0,305
CHR6	17505311	CHR6:17505311	SSF x Far_LoA	-9,45829752	0,080	0,313

CHR6	17505352	CHR6:17505352	SSF x Far_LoA	-6,72110267	0,039	0,317
CHR6	17512146	CHR6:17512146	SSF x Far_LoA	-10,3116103	-0,048	0,300
CHR6	17512169	CHR6:17512169	SSF x Far_LoA	-8,77859211	0,096	0,286
CHR6	17512220	CHR6:17512220	SSF x Far_LoA	-5,11594003	0,151	0,320
CHR6	17513221	CHR6:17513221	SSF x Far_LoA	-9,12372947	-0,064	0,312
CHR6	17513293	CHR6:17513293	SSF x Far_LoA	-11,0326132	-0,018	0,301
CHR6	17513305	CHR6:17513305	SSF x Far_LoA	-7,38025601	-0,016	0,319
CHR6	17513309	CHR6:17513309	SSF x Far_LoA	-8,4570121	-0,035	0,315
CHR6	17524305	CHR6:17524305	SSF x Far_LoA	-11,0092505	0,030	0,307
CHR6	17524487	CHR6:17524487	SSF x Far_LoA	-10,0347054	-0,002	0,326
CHR6	17524493	CHR6:17524493	SSF x Far_LoA	-7,92361634	-0,075	0,320
CHR6	17524511	CHR6:17524511	SSF x Far_LoA	-8,07428511	0,024	0,313
CHR6	17534778	CHR6:17534778	SSF x Far_LoA	-7,80326471	-0,077	0,310
CHR6	17537154	CHR6:17537154	SSF x Far_LoA	-6,63139864	0,107	0,307
CHR6	17537185	CHR6:17537185	SSF x Far_LoA	-10,321375	-0,052	0,298
CHR6	17537216	CHR6:17537216	SSF x Far_LoA	-0,91816075	-0,150	0,299
CHR6	17537230	CHR6:17537230	SSF x Far_LoA	-6,8468275	-0,114	0,311
CHR6	17537291	CHR6:17537291	SSF x Far_LoA	-11,2169042	0,029	0,307
CHR6	17537346	CHR6:17537346	SSF x Far_LoA	-6,64087182	-0,053	0,315
CHR6	17537386	CHR6:17537386	SSF x Far_LoA	-8,21476471	-0,098	0,290
CHR6	17537392	CHR6:17537392	SSF x Far_LoA	-11,8285558	0,056	0,304
CHR6	17537403	CHR6:17537403	SSF x Far_LoA	-7,27418414	-0,137	0,322
CHR6	17541023	CHR6:17541023	SSF x Far_LoA	-9,74405201	-0,156	0,304
CHR6	17541026	CHR6:17541026	SSF x Far_LoA	-9,07672386	0,036	0,317
CHR6	17541038	CHR6:17541038	SSF x Far_LoA	-10,3943255	-0,023	0,311
CHR6	17541151	CHR6:17541151	SSF x Far_LoA	-10,2133485	0,094	0,303
CHR6	17541180	CHR6:17541180	SSF x Far_LoA	-8,09685237	0,083	0,308
CHR6	17541200	CHR6:17541200	SSF x Far_LoA	-10,7051522	0,044	0,317
CHR6	17541232	CHR6:17541232	SSF x Far_LoA	-8,50003826	0,119	0,302
CHR6	17541258	CHR6:17541258	SSF x Far_LoA	-9,10104138	0,090	0,309
CHR6	17541262	CHR6:17541262	SSF x Far_LoA	-10,9316599	-0,051	0,298
CHR6	17541267	CHR6:17541267	SSF x Far_LoA	-6,63271572	-0,087	0,301
CHR6	17550273	CHR6:17550273	SSF x Far_LoA	-10,8976197	-0,012	0,307
CHR6	17550492	CHR6:17550492	SSF x Far_LoA	-10,2704832	0,094	0,307
CHR6	17563119	CHR6:17563119	SSF x Far_LoA	8,7664175	0,158	0,289
CHR6	17563526	CHR6:17563526	SSF x Far_LoA	-10,7168834	-0,014	0,286
CHR6	17566337	CHR6:17566337	SSF x Far_LoA	-9,49262751	-0,035	0,313
CHR6	17567559	CHR6:17567559	SSF x Far_LoA	-10,4717156	-0,101	0,303
CHR6	17567571	CHR6:17567571	SSF x Far_LoA	-9,41574328	-0,017	0,308
CHR6	17567685	CHR6:17567685	SSF x Far_LoA	-10,2358697	0,002	0,310
CHR6	17567729	CHR6:17567729	SSF x Far_LoA	-9,11391901	-0,047	0,327
CHR6	17567732	CHR6:17567732	SSF x Far_LoA	-9,44543044	-0,052	0,311
CHR6	17567755	CHR6:17567755	SSF x Far_LoA	-9,25676115	0,010	0,315
CHR6	17567761	CHR6:17567761	SSF x Far_LoA	-11,6842522	0,040	0,304
CHR6	17567809	CHR6:17567809	SSF x Far_LoA	-8,28584633	-0,007	0,331
CHR6	17567815	CHR6:17567815	SSF x Far_LoA	-10,2576133	-0,023	0,310
CHR6	17567817	CHR6:17567817	SSF x Far_LoA	-10,7449409	-0,090	0,299
CHR6	17584733	CHR6:17584733	SSF x Far_LoA	-9,12477259	0,095	0,296
CHR6	17584757	CHR6:17584757	SSF x Far_LoA	-7,22631819	0,020	0,315
CHR6	17589798	CHR6:17589798	SSF x Far_LoA	-10,7472802	-0,027	0,306
CHR6	17589874	CHR6:17589874	SSF x Far_LoA	-10,1501597	-0,081	0,302
CHR6	17605886	CHR6:17605886	SSF x Far_LoA	-10,8125346	-0,058	0,308
CHR6	17606746	CHR6:17606746	SSF x Far_LoA	-11,7722735	0,073	0,299

CHR6	17606755	CHR6:17606755	SSF x Far_LoA	-11,115008	-0,092	0,296
CHR6	17606771	CHR6:17606771	SSF x Far_LoA	-11,728824	-0,092	0,307
CHR6	17606772	CHR6:17606772	SSF x Far_LoA	-10,6850834	-0,092	0,300
CHR6	17606775	CHR6:17606775	SSF x Far_LoA	-10,8397816	-0,087	0,307
CHR6	17606777	CHR6:17606777	SSF x Far_LoA	-11,1448885	0,093	0,289
CHR6	17606822	CHR6:17606822	SSF x Far_LoA	-11,0669724	-0,087	0,309
CHR6	17609333	CHR6:17609333	SSF x Far_LoA	-11,8300422	0,024	0,301
CHR6	17613949	CHR6:17613949	SSF x Far_LoA	-8,45892006	0,004	0,311
CHR6	17613950	CHR6:17613950	SSF x Far_LoA	-10,0700869	0,002	0,291
CHR6	17613967	CHR6:17613967	SSF x Far_LoA	-6,8813237	-0,056	0,303
CHR6	17613971	CHR6:17613971	SSF x Far_LoA	-8,49479149	0,014	0,302
CHR6	17613991	CHR6:17613991	SSF x Far_LoA	-11,3200695	-0,035	0,301
CHR6	17613992	CHR6:17613992	SSF x Far_LoA	-6,42733483	-0,043	0,327
CHR6	17613994	CHR6:17613994	SSF x Far_LoA	-7,51784207	-0,103	0,309
CHR6	17613999	CHR6:17613999	SSF x Far_LoA	-9,18877381	-0,030	0,316
CHR6	17614050	CHR6:17614050	SSF x Far_LoA	-8,87777932	-0,045	0,299
CHR6	17614081	CHR6:17614081	SSF x Far_LoA	-8,07039166	-0,113	0,312
CHR6	17614082	CHR6:17614082	SSF x Far_LoA	-4,6780576	-0,030	0,300
CHR6	17614117	CHR6:17614117	SSF x Far_LoA	-9,97029487	0,062	0,303
CHR6	17618479	CHR6:17618479	SSF x Far_LoA	-9,58119724	0,032	0,305
CHR6	17618514	CHR6:17618514	SSF x Far_LoA	-8,27493141	0,053	0,318
CHR6	17618542	CHR6:17618542	SSF x Far_LoA	-9,17442177	0,036	0,307
CHR6	17619753	CHR6:17619753	SSF x Far_LoA	-12,3195937	-0,037	0,317
CHR6	17619754	CHR6:17619754	SSF x Far_LoA	-11,8069685	-0,054	0,303
CHR6	17619798	CHR6:17619798	SSF x Far_LoA	-8,97141557	0,029	0,318
CHR6	17619875	CHR6:17619875	SSF x Far_LoA	-9,61323617	0,079	0,314
CHR6	17620264	CHR6:17620264	SSF x Far_LoA	-9,66889393	-0,008	0,313
CHR6	17620281	CHR6:17620281	SSF x Far_LoA	-8,73746003	0,000	0,305
CHR6	17620315	CHR6:17620315	SSF x Far_LoA	-8,85892763	-0,045	0,295
CHR6	17620342	CHR6:17620342	SSF x Far_LoA	-10,8388005	0,048	0,295
CHR6	17620359	CHR6:17620359	SSF x Far_LoA	-8,71940107	0,049	0,313
CHR6	17636705	CHR6:17636705	SSF x Far_LoA	-10,0328842	0,023	0,287
CHR6	17636762	CHR6:17636762	SSF x Far_LoA	-10,9836217	0,079	0,312
CHR6	1763911	CHR6:1763911	SSF x Far_LoA	-9,84976571	0,021	0,289
CHR6	1763917	CHR6:1763917	SSF x Far_LoA	-10,4978923	-0,062	0,300
CHR6	1764075	CHR6:1764075	SSF x Far_LoA	-11,5112163	0,017	0,294
CHR6	1764126	CHR6:1764126	SSF x Far_LoA	-10,295627	0,058	0,304
CHR6	1764598	CHR6:1764598	SSF x Far_LoA	-9,45403247	-0,131	0,295
CHR6	1764656	CHR6:1764656	SSF x Far_LoA	-9,30860639	-0,032	0,295
CHR6	1764673	CHR6:1764673	SSF x Far_LoA	-7,72313528	0,126	0,306
CHR6	1764675	CHR6:1764675	SSF x Far_LoA	-10,3335425	-0,025	0,289
CHR6	17652909	CHR6:17652909	SSF x Far_LoA	-7,94391494	-0,012	0,302
CHR6	17652971	CHR6:17652971	SSF x Far_LoA	-9,39760604	0,004	0,302
CHR6	17653109	CHR6:17653109	SSF x Far_LoA	-9,04661793	-0,089	0,305
CHR6	17653134	CHR6:17653134	SSF x Far_LoA	-9,51702159	0,132	0,295
CHR6	17657888	CHR6:17657888	SSF x Far_LoA	-8,11317522	-0,063	0,311
CHR6	17657971	CHR6:17657971	SSF x Far_LoA	-8,98193393	-0,065	0,300
CHR6	17658119	CHR6:17658119	SSF x Far_LoA	-11,400875	0,076	0,295
CHR6	17660682	CHR6:17660682	SSF x Far_LoA	-7,18991956	-0,072	0,317
CHR6	17660684	CHR6:17660684	SSF x Far_LoA	-9,52512803	-0,021	0,303
CHR6	17660691	CHR6:17660691	SSF x Far_LoA	-9,46004046	0,063	0,310
CHR6	17660695	CHR6:17660695	SSF x Far_LoA	-7,19783626	-0,012	0,302
CHR6	17660718	CHR6:17660718	SSF x Far_LoA	-3,89629774	-0,101	0,314

CHR6	17660731	CHR6:17660731	SSF x Far_LoA	-5,30660319	0,020	0,308
CHR6	17660740	CHR6:17660740	SSF x Far_LoA	-8,11593147	0,043	0,310
CHR6	17660772	CHR6:17660772	SSF x Far_LoA	-7,7125946	-0,095	0,307
CHR6	17666700	CHR6:17666700	SSF x Far_LoA	-10,9414665	0,022	0,314
CHR6	17666789	CHR6:17666789	SSF x Far_LoA	-3,61662525	-0,119	0,288
CHR6	17666796	CHR6:17666796	SSF x Far_LoA	-8,82050113	-0,136	0,303
CHR6	17666801	CHR6:17666801	SSF x Far_LoA	-10,1963334	0,067	0,293
CHR6	17666878	CHR6:17666878	SSF x Far_LoA	-10,9769164	-0,018	0,307
CHR6	17666927	CHR6:17666927	SSF x Far_LoA	-8,40361301	-0,093	0,305
CHR6	17666953	CHR6:17666953	SSF x Far_LoA	-6,22647645	0,078	0,304
CHR6	17671547	CHR6:17671547	SSF x Far_LoA	-11,2030665	-0,013	0,313
CHR6	17671622	CHR6:17671622	SSF x Far_LoA	-3,68237581	0,045	0,311
CHR6	17671666	CHR6:17671666	SSF x Far_LoA	-6,57577202	0,024	0,315
CHR6	17671715	CHR6:17671715	SSF x Far_LoA	-10,2691603	-0,077	0,310
CHR6	17671814	CHR6:17671814	SSF x Far_LoA	-11,6671099	0,038	0,311
CHR6	1767217	CHR6:1767217	SSF x Far_LoA	-7,81473959	-0,027	0,301
CHR6	17686396	CHR6:17686396	SSF x Far_LoA	-10,2833377	0,012	0,308
CHR6	17686399	CHR6:17686399	SSF x Far_LoA	-7,28905185	-0,141	0,299
CHR6	17686468	CHR6:17686468	SSF x Far_LoA	-9,97864336	-0,036	0,300
CHR6	17686514	CHR6:17686514	SSF x Far_LoA	-8,28238125	-0,115	0,305
CHR6	17686522	CHR6:17686522	SSF x Far_LoA	-11,554778	0,092	0,307
CHR6	17687946	CHR6:17687946	SSF x Far_LoA	-8,18454556	0,053	0,302
CHR6	17687955	CHR6:17687955	SSF x Far_LoA	-12,183299	0,018	0,307
CHR6	17688196	CHR6:17688196	SSF x Far_LoA	-4,73819034	-0,012	0,303
CHR6	17688211	CHR6:17688211	SSF x Far_LoA	-5,75081964	0,034	0,309
CHR6	17688229	CHR6:17688229	SSF x Far_LoA	-10,1256761	0,064	0,308
CHR6	17688244	CHR6:17688244	SSF x Far_LoA	-11,4207643	0,068	0,305
CHR6	17698747	CHR6:17698747	SSF x Far_LoA	-2,79675706	-0,052	0,298
CHR6	17698902	CHR6:17698902	SSF x Far_LoA	-4,62184944	-0,200	0,297
CHR6	17698914	CHR6:17698914	SSF x Far_LoA	-12,2001311	-0,076	0,302
CHR6	17698936	CHR6:17698936	SSF x Far_LoA	-10,5590709	-0,040	0,316
CHR6	17708035	CHR6:17708035	SSF x Far_LoA	-6,45370803	0,115	0,315
CHR6	17708038	CHR6:17708038	SSF x Far_LoA	-9,52431247	0,035	0,303
CHR6	17708118	CHR6:17708118	SSF x Far_LoA	-9,24033698	-0,017	0,306
CHR6	17709897	CHR6:17709897	SSF x Far_LoA	-7,48131838	-0,113	0,304
CHR6	17709927	CHR6:17709927	SSF x Far_LoA	-6,98783667	-0,044	0,317
CHR6	17709983	CHR6:17709983	SSF x Far_LoA	-11,1054885	-0,096	0,292
CHR6	17719703	CHR6:17719703	SSF x Far_LoA	-11,6862515	-0,076	0,304
CHR6	17735903	CHR6:17735903	SSF x Far_LoA	-4,03521836	-0,183	0,317
CHR6	17735948	CHR6:17735948	SSF x Far_LoA	-7,68376766	0,034	0,296
CHR6	17735995	CHR6:17735995	SSF x Far_LoA	-5,64775569	-0,050	0,308
CHR6	17736014	CHR6:17736014	SSF x Far_LoA	-8,53758087	-0,050	0,308
CHR6	17736082	CHR6:17736082	SSF x Far_LoA	-7,89488405	0,101	0,304
CHR6	17742506	CHR6:17742506	SSF x Far_LoA	-7,5898825	0,027	0,314
CHR6	17742578	CHR6:17742578	SSF x Far_LoA	-11,3694967	0,034	0,305
CHR6	17748939	CHR6:17748939	SSF x Far_LoA	-9,51948757	-0,017	0,316
CHR6	17748988	CHR6:17748988	SSF x Far_LoA	-3,33244135	-0,133	0,317
CHR6	17757638	CHR6:17757638	SSF x Far_LoA	-7,64920921	-0,115	0,309
CHR6	17757788	CHR6:17757788	SSF x Far_LoA	-9,35154498	0,035	0,310
CHR6	17760610	CHR6:17760610	SSF x Far_LoA	-8,80190167	0,043	0,313
CHR6	17770056	CHR6:17770056	SSF x Far_LoA	-7,76577269	-0,099	0,281
CHR6	17770209	CHR6:17770209	SSF x Far_LoA	-9,12976538	-0,107	0,308
CHR6	17776659	CHR6:17776659	SSF x Far_LoA	-7,26252745	-0,100	0,286

CHR6	17776673	CHR6:17776673	SSF x Far_LoA	-7,49549247	0,126	0,300
CHR6	17776691	CHR6:17776691	SSF x Far_LoA	-6,57998569	0,140	0,302
CHR6	17776786	CHR6:17776786	SSF x Far_LoA	-10,5621144	0,114	0,303
CHR6	17776809	CHR6:17776809	SSF x Far_LoA	-10,5418652	0,054	0,315
CHR6	17781442	CHR6:17781442	SSF x Far_LoA	-8,98454179	-0,055	0,304
CHR6	17781497	CHR6:17781497	SSF x Far_LoA	-8,63811309	-0,075	0,315
CHR6	17781506	CHR6:17781506	SSF x Far_LoA	-10,6780569	0,013	0,313
CHR6	17781610	CHR6:17781610	SSF x Far_LoA	-5,00882849	-0,179	0,305
CHR6	17813162	CHR6:17813162	SSF x Far_LoA	-11,2529169	0,061	0,305
CHR6	17813209	CHR6:17813209	SSF x Far_LoA	-7,89699848	0,050	0,306
CHR6	17813262	CHR6:17813262	SSF x Far_LoA	-6,95644077	0,095	0,306
CHR6	17813340	CHR6:17813340	SSF x Far_LoA	-8,44578026	0,060	0,303
CHR6	17813344	CHR6:17813344	SSF x Far_LoA	-7,51041663	-0,050	0,306
CHR6	17813395	CHR6:17813395	SSF x Far_LoA	-10,233154	0,081	0,287
CHR6	17815455	CHR6:17815455	SSF x Far_LoA	-10,0396425	-0,090	0,305
CHR6	17823009	CHR6:17823009	SSF x Far_LoA	-5,70167195	-0,033	0,323
CHR6	17823072	CHR6:17823072	SSF x Far_LoA	-11,3562735	-0,008	0,312
CHR6	17823112	CHR6:17823112	SSF x Far_LoA	-3,78239413	0,126	0,305
CHR6	17829183	CHR6:17829183	SSF x Far_LoA	-9,1119489	0,006	0,309
CHR6	17829234	CHR6:17829234	SSF x Far_LoA	-8,35778598	-0,104	0,300
CHR6	17844722	CHR6:17844722	SSF x Far_LoA	-9,68801774	0,006	0,326
CHR6	1785070	CHR6:1785070	SSF x Far_LoA	-7,50755868	0,050	0,324
CHR6	17851906	CHR6:17851906	SSF x Far_LoA	-8,3004489	-0,038	0,307
CHR6	17851922	CHR6:17851922	SSF x Far_LoA	-8,19754053	-0,033	0,319
CHR6	17852887	CHR6:17852887	SSF x Far_LoA	-9,07446936	0,077	0,305
CHR6	17852932	CHR6:17852932	SSF x Far_LoA	-9,70337126	-0,082	0,306
CHR6	17852942	CHR6:17852942	SSF x Far_LoA	-7,41981146	0,072	0,296
CHR6	17852944	CHR6:17852944	SSF x Far_LoA	-2,05828125	-0,081	0,297
CHR6	17852953	CHR6:17852953	SSF x Far_LoA	-7,26728466	-0,064	0,313
CHR6	17852978	CHR6:17852978	SSF x Far_LoA	-5,41026036	-0,070	0,316
CHR6	17852985	CHR6:17852985	SSF x Far_LoA	-10,8162078	-0,072	0,303
CHR6	17856671	CHR6:17856671	SSF x Far_LoA	-11,1356178	0,011	0,308
CHR6	17856706	CHR6:17856706	SSF x Far_LoA	-10,1927717	0,004	0,307
CHR6	17856867	CHR6:17856867	SSF x Far_LoA	-10,1952744	0,091	0,310
CHR6	17856870	CHR6:17856870	SSF x Far_LoA	-10,2907417	-0,026	0,323
CHR6	17856957	CHR6:17856957	SSF x Far_LoA	-8,20736923	-0,056	0,315
CHR6	17866364	CHR6:17866364	SSF x Far_LoA	-9,86535736	0,012	0,304
CHR6	17866589	CHR6:17866589	SSF x Far_LoA	-9,48621787	-0,012	0,303
CHR6	17868799	CHR6:17868799	SSF x Far_LoA	-9,45503129	0,009	0,314
CHR6	17868841	CHR6:17868841	SSF x Far_LoA	-9,40118579	-0,003	0,296
CHR6	17875334	CHR6:17875334	SSF x Far_LoA	-8,85534941	-0,003	0,302
CHR6	17875510	CHR6:17875510	SSF x Far_LoA	-4,05546534	-0,025	0,302
CHR6	17877176	CHR6:17877176	SSF x Far_LoA	-11,3475659	-0,042	0,301
CHR6	17899342	CHR6:17899342	SSF x Far_LoA	-7,92113996	-0,147	0,306
CHR6	17899359	CHR6:17899359	SSF x Far_LoA	-11,0819865	-0,024	0,307
CHR6	17899367	CHR6:17899367	SSF x Far_LoA	-8,65541278	-0,046	0,320
CHR6	17899456	CHR6:17899456	SSF x Far_LoA	-11,3038806	0,048	0,294
CHR6	17899500	CHR6:17899500	SSF x Far_LoA	-9,48368639	0,008	0,303
CHR6	17904449	CHR6:17904449	SSF x Far_LoA	-8,40080062	-0,009	0,312
CHR6	17904506	CHR6:17904506	SSF x Far_LoA	-5,74744194	0,179	0,305
CHR6	17904574	CHR6:17904574	SSF x Far_LoA	-10,2498322	-0,083	0,315
CHR6	1791868	CHR6:1791868	SSF x Far_LoA	-4,87113572	0,061	0,307
CHR6	17919918	CHR6:17919918	SSF x Far_LoA	-11,1619756	0,028	0,307

CHR6	17926758	CHR6:17926758	SSF x Far_LoA	-10,9868435	-0,022	0,302
CHR6	17926808	CHR6:17926808	SSF x Far_LoA	-9,13643213	0,058	0,294
CHR6	17934833	CHR6:17934833	SSF x Far_LoA	-6,6312023	0,128	0,293
CHR6	17937641	CHR6:17937641	SSF x Far_LoA	-9,20074798	-0,005	0,321
CHR6	17937745	CHR6:17937745	SSF x Far_LoA	-6,4860118	0,000	0,308
CHR6	17986970	CHR6:17986970	SSF x Far_LoA	-8,72870442	0,032	0,308
CHR6	17986984	CHR6:17986984	SSF x Far_LoA	-10,8295795	-0,127	0,309
CHR6	17987047	CHR6:17987047	SSF x Far_LoA	-7,77795901	-0,133	0,318
CHR6	17988745	CHR6:17988745	SSF x Far_LoA	-11,277499	-0,105	0,299
CHR6	17999797	CHR6:17999797	SSF x Far_LoA	-12,0678342	0,015	0,307
CHR6	17999821	CHR6:17999821	SSF x Far_LoA	-8,73011662	-0,062	0,295
CHR6	18003196	CHR6:18003196	SSF x Far_LoA	-9,15248029	0,047	0,295
CHR6	18003354	CHR6:18003354	SSF x Far_LoA	-11,8253543	0,035	0,301
CHR6	18007176	CHR6:18007176	SSF x Far_LoA	-8,74186005	0,042	0,301
CHR6	18007219	CHR6:18007219	SSF x Far_LoA	-8,17504917	-0,098	0,301
CHR6	18008829	CHR6:18008829	SSF x Far_LoA	-8,13343621	-0,078	0,300
CHR6	18008853	CHR6:18008853	SSF x Far_LoA	-8,58318939	-0,041	0,294
CHR6	18015173	CHR6:18015173	SSF x Far_LoA	-10,0772688	-0,070	0,300
CHR6	18015196	CHR6:18015196	SSF x Far_LoA	-7,73178756	0,163	0,296
CHR6	18015205	CHR6:18015205	SSF x Far_LoA	-8,59971352	0,118	0,312
CHR6	18015228	CHR6:18015228	SSF x Far_LoA	-7,75180027	0,118	0,322
CHR6	18015246	CHR6:18015246	SSF x Far_LoA	-6,45980746	0,159	0,296
CHR6	18015261	CHR6:18015261	SSF x Far_LoA	-7,02517679	-0,007	0,315
CHR6	1801601	CHR6:1801601	SSF x Far_LoA	-7,08302006	-0,201	0,305
CHR6	1801688	CHR6:1801688	SSF x Far_LoA	-7,9979647	0,121	0,325
CHR6	1801847	CHR6:1801847	SSF x Far_LoA	-10,4879005	0,059	0,307
CHR6	18023849	CHR6:18023849	SSF x Far_LoA	-4,78237405	0,196	0,292
CHR6	18023918	CHR6:18023918	SSF x Far_LoA	4,28144348	0,235	0,290
CHR6	18029259	CHR6:18029259	SSF x Far_LoA	-8,92182337	0,049	0,309
CHR6	18029299	CHR6:18029299	SSF x Far_LoA	-9,87340171	0,038	0,297
CHR6	18029378	CHR6:18029378	SSF x Far_LoA	-8,81688939	0,080	0,297
CHR6	18029380	CHR6:18029380	SSF x Far_LoA	-9,28778343	0,045	0,309
CHR6	18029393	CHR6:18029393	SSF x Far_LoA	-8,50337794	0,022	0,322
CHR6	18035259	CHR6:18035259	SSF x Far_LoA	-7,33869161	0,034	0,320
CHR6	18041903	CHR6:18041903	SSF x Far_LoA	-9,40279883	0,081	0,305
CHR6	18054838	CHR6:18054838	SSF x Far_LoA	-10,850523	0,133	0,291
CHR6	18054844	CHR6:18054844	SSF x Far_LoA	-10,6245173	-0,033	0,310
CHR6	18054884	CHR6:18054884	SSF x Far_LoA	-11,0190293	0,021	0,311
CHR6	18054938	CHR6:18054938	SSF x Far_LoA	-9,87578835	-0,069	0,307
CHR6	18066885	CHR6:18066885	SSF x Far_LoA	-12,2451954	0,016	0,304
CHR6	18067336	CHR6:18067336	SSF x Far_LoA	-9,87214441	0,079	0,301
CHR6	18067342	CHR6:18067342	SSF x Far_LoA	-11,9450583	0,069	0,300
CHR6	18068630	CHR6:18068630	SSF x Far_LoA	-9,61670216	0,023	0,308
CHR6	18070204	CHR6:18070204	SSF x Far_LoA	-7,08478794	-0,187	0,287
CHR6	18070259	CHR6:18070259	SSF x Far_LoA	-8,32370598	0,083	0,296
CHR6	18070267	CHR6:18070267	SSF x Far_LoA	-10,786229	0,042	0,298
CHR6	18070270	CHR6:18070270	SSF x Far_LoA	-10,0238025	-0,050	0,301
CHR6	18077535	CHR6:18077535	SSF x Far_LoA	-9,46740444	0,125	0,301
CHR6	18079956	CHR6:18079956	SSF x Far_LoA	-7,18158238	-0,077	0,317
CHR6	18081347	CHR6:18081347	SSF x Far_LoA	-8,3968664	0,113	0,286
CHR6	18081369	CHR6:18081369	SSF x Far_LoA	-8,743337	0,190	0,290
CHR6	18081402	CHR6:18081402	SSF x Far_LoA	-8,5850958	-0,139	0,293
CHR6	18081414	CHR6:18081414	SSF x Far_LoA	-9,45330339	-0,042	0,312

CHR6	18081415	CHR6:18081415	SSF x Far_LoA	2,70157945	-0,142	0,295
CHR6	18081446	CHR6:18081446	SSF x Far_LoA	-9,7239922	-0,110	0,299
CHR6	18081481	CHR6:18081481	SSF x Far_LoA	-9,12677851	0,023	0,314
CHR6	18081524	CHR6:18081524	SSF x Far_LoA	-10,5456315	-0,049	0,317
CHR6	18093841	CHR6:18093841	SSF x Far_LoA	-9,07287558	-0,056	0,297
CHR6	18096329	CHR6:18096329	SSF x Far_LoA	-7,45494513	0,068	0,307
CHR6	18096383	CHR6:18096383	SSF x Far_LoA	-11,6410839	0,012	0,304
CHR6	18098265	CHR6:18098265	SSF x Far_LoA	-9,05547871	-0,123	0,311
CHR6	18098322	CHR6:18098322	SSF x Far_LoA	-11,029473	0,057	0,289
CHR6	18098349	CHR6:18098349	SSF x Far_LoA	-10,7963613	0,051	0,303
CHR6	18098374	CHR6:18098374	SSF x Far_LoA	-10,5064223	-0,021	0,283
CHR6	18098436	CHR6:18098436	SSF x Far_LoA	-7,82958589	0,055	0,321
CHR6	18098450	CHR6:18098450	SSF x Far_LoA	-8,70855984	0,069	0,310
CHR6	18103829	CHR6:18103829	SSF x Far_LoA	-9,70996535	-0,045	0,314
CHR6	18112576	CHR6:18112576	SSF x Far_LoA	-12,2453285	0,076	0,296
CHR6	18112704	CHR6:18112704	SSF x Far_LoA	-8,89956606	0,115	0,303
CHR6	18112725	CHR6:18112725	SSF x Far_LoA	-8,6688564	0,089	0,309
CHR6	18112741	CHR6:18112741	SSF x Far_LoA	-8,43996272	-0,016	0,323
CHR6	18112765	CHR6:18112765	SSF x Far_LoA	-1,28362137	0,014	0,310
CHR6	18112774	CHR6:18112774	SSF x Far_LoA	-9,56220828	0,030	0,314
CHR6	18112776	CHR6:18112776	SSF x Far_LoA	-8,99101367	-0,034	0,311
CHR6	18112810	CHR6:18112810	SSF x Far_LoA	-10,4430703	0,112	0,297
CHR6	18115150	CHR6:18115150	SSF x Far_LoA	-8,98627246	-0,061	0,309
CHR6	18120174	CHR6:18120174	SSF x Far_LoA	-7,16297829	-0,071	0,307
CHR6	18146658	CHR6:18146658	SSF x Far_LoA	-9,60317618	0,032	0,298
CHR6	18146703	CHR6:18146703	SSF x Far_LoA	-11,5705204	0,012	0,319
CHR6	18146773	CHR6:18146773	SSF x Far_LoA	-9,28472379	-0,002	0,300
CHR6	18151826	CHR6:18151826	SSF x Far_LoA	-11,8516651	0,020	0,311
CHR6	18151902	CHR6:18151902	SSF x Far_LoA	-7,99329477	0,018	0,307
CHR6	18151966	CHR6:18151966	SSF x Far_LoA	-5,48620513	-0,071	0,326
CHR6	18151996	CHR6:18151996	SSF x Far_LoA	-12,2210278	0,052	0,300
CHR6	18152006	CHR6:18152006	SSF x Far_LoA	-9,17815614	-0,044	0,305
CHR6	18156942	CHR6:18156942	SSF x Far_LoA	-8,78271436	0,010	0,312
CHR6	18156961	CHR6:18156961	SSF x Far_LoA	-8,87902153	0,119	0,308
CHR6	18156979	CHR6:18156979	SSF x Far_LoA	-7,91723348	0,019	0,302
CHR6	18157332	CHR6:18157332	SSF x Far_LoA	-8,64627873	-0,114	0,316
CHR6	18157401	CHR6:18157401	SSF x Far_LoA	-10,1716239	0,052	0,307
CHR6	18157521	CHR6:18157521	SSF x Far_LoA	-8,19648157	0,057	0,322
CHR6	18170892	CHR6:18170892	SSF x Far_LoA	14,8274172	0,085	0,302
CHR6	18170899	CHR6:18170899	SSF x Far_LoA	-6,86090675	-0,055	0,309
CHR6	18170923	CHR6:18170923	SSF x Far_LoA	-9,66556922	0,032	0,316
CHR6	18171053	CHR6:18171053	SSF x Far_LoA	-7,33205302	0,022	0,313
CHR6	18190232	CHR6:18190232	SSF x Far_LoA	-8,73812161	-0,066	0,310
CHR6	18190329	CHR6:18190329	SSF x Far_LoA	-6,25920528	0,163	0,300
CHR6	18190425	CHR6:18190425	SSF x Far_LoA	-11,6341518	-0,039	0,303
CHR6	18195757	CHR6:18195757	SSF x Far_LoA	-9,80746884	-0,018	0,307
CHR6	18195914	CHR6:18195914	SSF x Far_LoA	-7,81694249	0,107	0,310
CHR6	18196216	CHR6:18196216	SSF x Far_LoA	-6,28752361	0,118	0,294
CHR6	18196256	CHR6:18196256	SSF x Far_LoA	-4,09705507	-0,112	0,312
CHR6	18196314	CHR6:18196314	SSF x Far_LoA	-9,73242814	0,062	0,310
CHR6	18198332	CHR6:18198332	SSF x Far_LoA	-11,9492247	-0,021	0,297
CHR6	18202272	CHR6:18202272	SSF x Far_LoA	-7,98074444	-0,173	0,291
CHR6	18223515	CHR6:18223515	SSF x Far_LoA	-7,06044279	0,033	0,321

CHR6	18226190	CHR6:18226190	SSF x Far_LoA	-8,98258115	0,041	0,308
CHR6	18226239	CHR6:18226239	SSF x Far_LoA	-11,4972399	-0,004	0,307
CHR6	18226246	CHR6:18226246	SSF x Far_LoA	-10,3188204	0,035	0,289
CHR6	18226356	CHR6:18226356	SSF x Far_LoA	-9,47170667	0,049	0,300
CHR6	18226368	CHR6:18226368	SSF x Far_LoA	-9,72372341	0,004	0,311
CHR6	18235090	CHR6:18235090	SSF x Far_LoA	-9,38936228	-0,034	0,302
CHR6	18235129	CHR6:18235129	SSF x Far_LoA	-11,8407099	-0,027	0,303
CHR6	18235151	CHR6:18235151	SSF x Far_LoA	-8,87733017	-0,012	0,309
CHR6	18235372	CHR6:18235372	SSF x Far_LoA	-8,32749733	0,067	0,305
CHR6	18250155	CHR6:18250155	SSF x Far_LoA	-10,4775164	0,021	0,313
CHR6	18260992	CHR6:18260992	SSF x Far_LoA	-8,70916918	-0,054	0,311
CHR6	18261077	CHR6:18261077	SSF x Far_LoA	-4,30942595	-0,104	0,298
CHR6	18263666	CHR6:18263666	SSF x Far_LoA	-10,190316	-0,019	0,312
CHR6	18263702	CHR6:18263702	SSF x Far_LoA	-11,9063831	0,024	0,302
CHR6	18263716	CHR6:18263716	SSF x Far_LoA	-5,18931893	-0,132	0,309
CHR6	18274438	CHR6:18274438	SSF x Far_LoA	-7,37823471	-0,102	0,303
CHR6	18282014	CHR6:18282014	SSF x Far_LoA	-8,20402161	-0,067	0,305
CHR6	18282275	CHR6:18282275	SSF x Far_LoA	-7,84607894	0,005	0,329
CHR6	18286851	CHR6:18286851	SSF x Far_LoA	-10,1706036	-0,076	0,319
CHR6	18286975	CHR6:18286975	SSF x Far_LoA	-7,90917742	-0,063	0,308
CHR6	18291392	CHR6:18291392	SSF x Far_LoA	-9,44740915	0,142	0,296
CHR6	18293108	CHR6:18293108	SSF x Far_LoA	-10,0455121	-0,104	0,303
CHR6	18293118	CHR6:18293118	SSF x Far_LoA	-8,7053682	-0,100	0,297
CHR6	18293140	CHR6:18293140	SSF x Far_LoA	-9,38580403	-0,136	0,313
CHR6	18293159	CHR6:18293159	SSF x Far_LoA	-7,76193301	0,032	0,313
CHR6	18293414	CHR6:18293414	SSF x Far_LoA	-6,95414089	0,167	0,309
CHR6	18306371	CHR6:18306371	SSF x Far_LoA	-9,43975197	0,017	0,298
CHR6	18306393	CHR6:18306393	SSF x Far_LoA	-11,3670268	-0,064	0,306
CHR6	18306429	CHR6:18306429	SSF x Far_LoA	-5,9124336	0,047	0,290
CHR6	18306433	CHR6:18306433	SSF x Far_LoA	-10,5801736	-0,101	0,306
CHR6	18306457	CHR6:18306457	SSF x Far_LoA	-1,46093543	0,072	0,304
CHR6	18306478	CHR6:18306478	SSF x Far_LoA	-10,3678312	-0,013	0,314
CHR6	18308164	CHR6:18308164	SSF x Far_LoA	-8,00666006	0,081	0,315
CHR6	18308361	CHR6:18308361	SSF x Far_LoA	-8,7237635	-0,078	0,308
CHR6	18320878	CHR6:18320878	SSF x Far_LoA	-5,45994699	-0,133	0,293
CHR6	18320887	CHR6:18320887	SSF x Far_LoA	-7,39494061	-0,145	0,295
CHR6	18324758	CHR6:18324758	SSF x Far_LoA	-11,5701843	0,035	0,303
CHR6	18332293	CHR6:18332293	SSF x Far_LoA	-11,2106816	-0,044	0,301
CHR6	18332356	CHR6:18332356	SSF x Far_LoA	-8,19551318	0,054	0,318
CHR6	18333722	CHR6:18333722	SSF x Far_LoA	-9,99378503	-0,032	0,302
CHR6	18333751	CHR6:18333751	SSF x Far_LoA	-8,01350792	0,035	0,312
CHR6	18338845	CHR6:18338845	SSF x Far_LoA	-9,37355866	0,038	0,301
CHR6	18338944	CHR6:18338944	SSF x Far_LoA	-3,61866264	0,039	0,313
CHR6	18350901	CHR6:18350901	SSF x Far_LoA	-9,76972211	0,178	0,294
CHR6	18362563	CHR6:18362563	SSF x Far_LoA	-2,03726789	-0,114	0,310
CHR6	1836484	CHR6:1836484	SSF x Far_LoA	-10,3400346	-0,028	0,299
CHR6	1836526	CHR6:1836526	SSF x Far_LoA	-7,38011878	0,103	0,300
CHR6	1836529	CHR6:1836529	SSF x Far_LoA	-7,82421457	0,091	0,301
CHR6	1836539	CHR6:1836539	SSF x Far_LoA	-7,56840294	-0,099	0,307
CHR6	1836596	CHR6:1836596	SSF x Far_LoA	-7,66916231	0,167	0,294
CHR6	18375066	CHR6:18375066	SSF x Far_LoA	-6,13125693	0,133	0,319
CHR6	18375212	CHR6:18375212	SSF x Far_LoA	-9,5987473	0,071	0,301
CHR6	18375238	CHR6:18375238	SSF x Far_LoA	-6,13571826	-0,171	0,305

CHR6	1837672	CHR6:1837672	SSF x Far_LoA	-8,44583783	0,108	0,300
CHR6	1839343	CHR6:1839343	SSF x Far_LoA	-10,395703	0,009	0,326
CHR6	1840244	CHR6:1840244	SSF x Far_LoA	-9,14043776	-0,031	0,302
CHR6	1840399	CHR6:1840399	SSF x Far_LoA	-11,5384474	-0,129	0,298
CHR6	1840409	CHR6:1840409	SSF x Far_LoA	-9,81821102	-0,131	0,309
CHR6	1840423	CHR6:1840423	SSF x Far_LoA	-6,61649979	-0,142	0,321
CHR6	1840443	CHR6:1840443	SSF x Far_LoA	-7,43612613	0,149	0,301
CHR6	18426517	CHR6:18426517	SSF x Far_LoA	-8,0083057	0,110	0,312
CHR6	1844934	CHR6:1844934	SSF x Far_LoA	-6,94416911	-0,015	0,308
CHR6	18471575	CHR6:18471575	SSF x Far_LoA	-9,8553059	-0,142	0,297
CHR6	18471618	CHR6:18471618	SSF x Far_LoA	-6,28382178	-0,052	0,301
CHR6	18471623	CHR6:18471623	SSF x Far_LoA	-9,1482473	-0,065	0,304
CHR6	18471657	CHR6:18471657	SSF x Far_LoA	-9,14879433	-0,147	0,286
CHR6	18471668	CHR6:18471668	SSF x Far_LoA	-6,25309581	0,118	0,310
CHR6	18471673	CHR6:18471673	SSF x Far_LoA	-9,20413859	-0,015	0,306
CHR6	18471677	CHR6:18471677	SSF x Far_LoA	-8,11639706	0,033	0,308
CHR6	18471684	CHR6:18471684	SSF x Far_LoA	-8,48460838	-0,009	0,309
CHR6	18471738	CHR6:18471738	SSF x Far_LoA	-9,82787983	-0,145	0,297
CHR6	18481735	CHR6:18481735	SSF x Far_LoA	-9,78803852	0,042	0,296
CHR6	18481738	CHR6:18481738	SSF x Far_LoA	-8,4502714	0,066	0,315
CHR6	18486496	CHR6:18486496	SSF x Far_LoA	-9,6158736	-0,122	0,300
CHR6	18486608	CHR6:18486608	SSF x Far_LoA	-6,11472472	-0,030	0,311
CHR6	18486663	CHR6:18486663	SSF x Far_LoA	-11,4800202	0,060	0,307
CHR6	18494352	CHR6:18494352	SSF x Far_LoA	-9,86206047	0,100	0,311
CHR6	18505652	CHR6:18505652	SSF x Far_LoA	-9,14917971	-0,099	0,310
CHR6	18505681	CHR6:18505681	SSF x Far_LoA	-10,0348895	-0,083	0,308
CHR6	18510355	CHR6:18510355	SSF x Far_LoA	-7,89298285	-0,027	0,315
CHR6	18510384	CHR6:18510384	SSF x Far_LoA	-11,0477853	0,090	0,305
CHR6	18510433	CHR6:18510433	SSF x Far_LoA	-7,70130476	-0,005	0,310
CHR6	18529251	CHR6:18529251	SSF x Far_LoA	-8,9615296	0,109	0,297
CHR6	18534890	CHR6:18534890	SSF x Far_LoA	-2,05220909	-0,098	0,315
CHR6	18534917	CHR6:18534917	SSF x Far_LoA	-9,43911923	-0,059	0,292
CHR6	18534933	CHR6:18534933	SSF x Far_LoA	-12,2569863	-0,003	0,304
CHR6	18534965	CHR6:18534965	SSF x Far_LoA	-10,6821661	-0,021	0,317
CHR6	18537065	CHR6:18537065	SSF x Far_LoA	-9,47992633	-0,006	0,329
CHR6	18537145	CHR6:18537145	SSF x Far_LoA	-9,86838857	0,001	0,306
CHR6	18537186	CHR6:18537186	SSF x Far_LoA	-7,91292351	-0,058	0,315
CHR6	18537247	CHR6:18537247	SSF x Far_LoA	-10,4422637	-0,039	0,307
CHR6	18537260	CHR6:18537260	SSF x Far_LoA	-11,3843428	-0,011	0,309
CHR6	1853764	CHR6:1853764	SSF x Far_LoA	-9,51230385	0,059	0,306
CHR6	18540124	CHR6:18540124	SSF x Far_LoA	-7,52217267	-0,026	0,319
CHR6	18540149	CHR6:18540149	SSF x Far_LoA	-6,76384015	0,026	0,316
CHR6	18540205	CHR6:18540205	SSF x Far_LoA	-7,5888654	-0,121	0,296
CHR6	18540219	CHR6:18540219	SSF x Far_LoA	-10,688798	-0,037	0,314
CHR6	1854783	CHR6:1854783	SSF x Far_LoA	-3,26211816	-0,127	0,299
CHR6	18548269	CHR6:18548269	SSF x Far_LoA	-7,99324604	-0,093	0,297
CHR6	18548270	CHR6:18548270	SSF x Far_LoA	-8,48166398	-0,024	0,304
CHR6	18548282	CHR6:18548282	SSF x Far_LoA	-8,62888418	0,125	0,305
CHR6	18548296	CHR6:18548296	SSF x Far_LoA	-8,5329889	0,111	0,307
CHR6	18548307	CHR6:18548307	SSF x Far_LoA	-10,0264114	-0,058	0,298
CHR6	18548437	CHR6:18548437	SSF x Far_LoA	-3,59083858	0,082	0,318
CHR6	18548454	CHR6:18548454	SSF x Far_LoA	-8,28517393	-0,082	0,307
CHR6	18548462	CHR6:18548462	SSF x Far_LoA	-7,42985583	-0,152	0,296

CHR6	18548463	CHR6:18548463	SSF x Far_LoA	-8,54756405	-0,031	0,303
CHR6	18552182	CHR6:18552182	SSF x Far_LoA	-9,59126393	-0,106	0,312
CHR6	18552206	CHR6:18552206	SSF x Far_LoA	-8,50446137	0,037	0,305
CHR6	18555874	CHR6:18555874	SSF x Far_LoA	-11,0773264	0,010	0,317
CHR6	18560854	CHR6:18560854	SSF x Far_LoA	-6,80078771	-0,014	0,305
CHR6	18572264	CHR6:18572264	SSF x Far_LoA	-6,66151389	-0,103	0,319
CHR6	18572271	CHR6:18572271	SSF x Far_LoA	-9,55564995	-0,049	0,318
CHR6	18572293	CHR6:18572293	SSF x Far_LoA	-9,59047451	-0,034	0,321
CHR6	18579191	CHR6:18579191	SSF x Far_LoA	-7,48597064	0,123	0,287
CHR6	18579246	CHR6:18579246	SSF x Far_LoA	-8,04684857	-0,140	0,286
CHR6	18579248	CHR6:18579248	SSF x Far_LoA	-8,33812434	-0,113	0,289
CHR6	18579266	CHR6:18579266	SSF x Far_LoA	-7,8605285	-0,045	0,320
CHR6	18595277	CHR6:18595277	SSF x Far_LoA	-8,35860516	-0,088	0,304
CHR6	18595292	CHR6:18595292	SSF x Far_LoA	-9,92238951	0,033	0,319
CHR6	18595370	CHR6:18595370	SSF x Far_LoA	-10,7778169	-0,085	0,301
CHR6	18595419	CHR6:18595419	SSF x Far_LoA	-9,68817648	0,100	0,304
CHR6	18595421	CHR6:18595421	SSF x Far_LoA	-9,33143025	0,114	0,298
CHR6	18595477	CHR6:18595477	SSF x Far_LoA	-3,77188635	0,024	0,309
CHR6	18608957	CHR6:18608957	SSF x Far_LoA	-10,8192749	-0,045	0,306
CHR6	18608979	CHR6:18608979	SSF x Far_LoA	-7,91307829	-0,049	0,312
CHR6	18609024	CHR6:18609024	SSF x Far_LoA	7,21790099	-0,031	0,313
CHR6	18609032	CHR6:18609032	SSF x Far_LoA	-8,15702961	-0,075	0,312
CHR6	18609101	CHR6:18609101	SSF x Far_LoA	-9,93311946	-0,008	0,311
CHR6	18609111	CHR6:18609111	SSF x Far_LoA	-7,91416396	0,086	0,313
CHR6	18616813	CHR6:18616813	SSF x Far_LoA	-8,36160528	-0,166	0,315
CHR6	18616819	CHR6:18616819	SSF x Far_LoA	-8,1587086	-0,089	0,311
CHR6	18620695	CHR6:18620695	SSF x Far_LoA	-8,53224716	-0,001	0,306
CHR6	18620704	CHR6:18620704	SSF x Far_LoA	-10,0872938	0,030	0,286
CHR6	18620720	CHR6:18620720	SSF x Far_LoA	-11,9662207	0,010	0,327
CHR6	18620853	CHR6:18620853	SSF x Far_LoA	-7,55629766	-0,034	0,315
CHR6	18620856	CHR6:18620856	SSF x Far_LoA	-7,5833829	0,026	0,298
CHR6	18620859	CHR6:18620859	SSF x Far_LoA	-9,64076128	-0,010	0,301
CHR6	18620911	CHR6:18620911	SSF x Far_LoA	-8,7192869	-0,044	0,306
CHR6	18620937	CHR6:18620937	SSF x Far_LoA	-9,30317972	0,031	0,303
CHR6	18626629	CHR6:18626629	SSF x Far_LoA	-10,3782636	0,047	0,303
CHR6	18631155	CHR6:18631155	SSF x Far_LoA	-10,2615613	0,076	0,286
CHR6	18631166	CHR6:18631166	SSF x Far_LoA	-11,1635903	0,050	0,300
CHR6	18631221	CHR6:18631221	SSF x Far_LoA	-9,13362116	0,028	0,305
CHR6	18631258	CHR6:18631258	SSF x Far_LoA	-8,57032479	-0,064	0,300
CHR6	18640414	CHR6:18640414	SSF x Far_LoA	-10,6281938	0,104	0,314
CHR6	18646467	CHR6:18646467	SSF x Far_LoA	-6,98250379	-0,170	0,300
CHR6	18646489	CHR6:18646489	SSF x Far_LoA	-6,0546192	-0,163	0,297
CHR6	18646507	CHR6:18646507	SSF x Far_LoA	-8,61405732	0,097	0,302
CHR6	18646513	CHR6:18646513	SSF x Far_LoA	-10,9502167	-0,006	0,308
CHR6	18646531	CHR6:18646531	SSF x Far_LoA	-6,90393023	-0,135	0,314
CHR6	18646585	CHR6:18646585	SSF x Far_LoA	-7,50432394	0,133	0,326
CHR6	18646597	CHR6:18646597	SSF x Far_LoA	-10,4200219	0,023	0,311
CHR6	18646611	CHR6:18646611	SSF x Far_LoA	-8,66483382	0,077	0,308
CHR6	18646618	CHR6:18646618	SSF x Far_LoA	-7,86090924	0,106	0,306
CHR6	18651763	CHR6:18651763	SSF x Far_LoA	-10,7440627	-0,017	0,312
CHR6	18651964	CHR6:18651964	SSF x Far_LoA	-8,18837873	0,056	0,297
CHR6	18651989	CHR6:18651989	SSF x Far_LoA	-11,8966986	0,006	0,297
CHR6	18654612	CHR6:18654612	SSF x Far_LoA	-10,9436487	-0,100	0,303

CHR6	18654666	CHR6:18654666	SSF x Far_LoA	-3,21588419	0,008	0,306
CHR6	18657843	CHR6:18657843	SSF x Far_LoA	-10,8640114	-0,043	0,309
CHR6	18657858	CHR6:18657858	SSF x Far_LoA	-10,0499571	0,052	0,316
CHR6	18657917	CHR6:18657917	SSF x Far_LoA	-10,6253393	0,077	0,305
CHR6	18661671	CHR6:18661671	SSF x Far_LoA	-9,69513398	0,042	0,317
CHR6	18663688	CHR6:18663688	SSF x Far_LoA	-8,26091557	-0,112	0,305
CHR6	18665917	CHR6:18665917	SSF x Far_LoA	-7,96026748	0,142	0,278
CHR6	18677036	CHR6:18677036	SSF x Far_LoA	-10,4604357	0,139	0,291
CHR6	18677127	CHR6:18677127	SSF x Far_LoA	-8,80408992	-0,022	0,313
CHR6	18677152	CHR6:18677152	SSF x Far_LoA	-10,3080391	-0,041	0,297
CHR6	18686500	CHR6:18686500	SSF x Far_LoA	-4,16935353	-0,169	0,298
CHR6	18686506	CHR6:18686506	SSF x Far_LoA	-8,53362748	0,096	0,302
CHR6	18686669	CHR6:18686669	SSF x Far_LoA	-10,2846156	0,068	0,301
CHR6	18686674	CHR6:18686674	SSF x Far_LoA	-10,9166741	0,015	0,299
CHR6	18688153	CHR6:18688153	SSF x Far_LoA	-9,68466484	-0,003	0,308
CHR6	18688163	CHR6:18688163	SSF x Far_LoA	-9,48311202	0,054	0,301
CHR6	18688169	CHR6:18688169	SSF x Far_LoA	-7,35271404	-0,048	0,314
CHR6	18688215	CHR6:18688215	SSF x Far_LoA	-8,28204497	-0,062	0,298
CHR6	18688220	CHR6:18688220	SSF x Far_LoA	-10,8005894	-0,072	0,310
CHR6	18688226	CHR6:18688226	SSF x Far_LoA	-10,3367786	-0,023	0,299
CHR6	18688230	CHR6:18688230	SSF x Far_LoA	-11,1197455	-0,051	0,303
CHR6	18688251	CHR6:18688251	SSF x Far_LoA	-9,27004998	-0,016	0,305
CHR6	18688252	CHR6:18688252	SSF x Far_LoA	-10,291647	-0,007	0,297
CHR6	18688256	CHR6:18688256	SSF x Far_LoA	-6,40197552	0,105	0,301
CHR6	1868948	CHR6:1868948	SSF x Far_LoA	-10,6472543	0,098	0,292
CHR6	1868992	CHR6:1868992	SSF x Far_LoA	-9,3403085	0,063	0,315
CHR6	1869010	CHR6:1869010	SSF x Far_LoA	-9,87814512	0,035	0,302
CHR6	18693397	CHR6:18693397	SSF x Far_LoA	-11,1464882	0,012	0,310
CHR6	18701554	CHR6:18701554	SSF x Far_LoA	-9,79390299	-0,088	0,304
CHR6	18707475	CHR6:18707475	SSF x Far_LoA	-10,918465	-0,096	0,309
CHR6	18707691	CHR6:18707691	SSF x Far_LoA	-9,57314969	0,076	0,322
CHR6	18717308	CHR6:18717308	SSF x Far_LoA	-9,20481947	0,127	0,299
CHR6	18720553	CHR6:18720553	SSF x Far_LoA	-4,16792279	-0,033	0,297
CHR6	18722889	CHR6:18722889	SSF x Far_LoA	-8,09039688	-0,090	0,302
CHR6	18723123	CHR6:18723123	SSF x Far_LoA	-8,66677328	-0,068	0,311
CHR6	18732457	CHR6:18732457	SSF x Far_LoA	-6,59548659	-0,177	0,301
CHR6	18732493	CHR6:18732493	SSF x Far_LoA	-10,6174566	0,085	0,311
CHR6	18734902	CHR6:18734902	SSF x Far_LoA	-10,1371362	0,049	0,306
CHR6	18734960	CHR6:18734960	SSF x Far_LoA	-6,0796382	-0,157	0,299
CHR6	18735060	CHR6:18735060	SSF x Far_LoA	-9,05564627	0,045	0,316
CHR6	18738268	CHR6:18738268	SSF x Far_LoA	-8,49555358	0,002	0,305
CHR6	18738313	CHR6:18738313	SSF x Far_LoA	-9,20918012	0,041	0,311
CHR6	18738323	CHR6:18738323	SSF x Far_LoA	-8,03789553	-0,052	0,309
CHR6	18738389	CHR6:18738389	SSF x Far_LoA	-9,170741	0,036	0,304
CHR6	18738437	CHR6:18738437	SSF x Far_LoA	-9,7622838	0,026	0,316
CHR6	18740652	CHR6:18740652	SSF x Far_LoA	-7,7622089	0,071	0,300
CHR6	18745350	CHR6:18745350	SSF x Far_LoA	-9,64845629	-0,060	0,309
CHR6	18746707	CHR6:18746707	SSF x Far_LoA	-9,45067946	0,082	0,305
CHR6	18753858	CHR6:18753858	SSF x Far_LoA	-9,68980723	0,017	0,318
CHR6	18759398	CHR6:18759398	SSF x Far_LoA	-9,6553405	0,107	0,304
CHR6	18777521	CHR6:18777521	SSF x Far_LoA	-8,80112104	-0,008	0,313
CHR6	18777535	CHR6:18777535	SSF x Far_LoA	-10,9050753	-0,016	0,311
CHR6	18785056	CHR6:18785056	SSF x Far_LoA	-9,57592455	0,002	0,313

CHR6	18792110	CHR6:18792110	SSF x Far_LoA	-7,24908899	-0,106	0,310
CHR6	18792143	CHR6:18792143	SSF x Far_LoA	-6,85351988	0,135	0,306
CHR6	18792160	CHR6:18792160	SSF x Far_LoA	-8,85146967	-0,098	0,301
CHR6	18792207	CHR6:18792207	SSF x Far_LoA	-4,31259817	-0,157	0,296
CHR6	18821126	CHR6:18821126	SSF x Far_LoA	-10,1205717	0,005	0,302
CHR6	18821162	CHR6:18821162	SSF x Far_LoA	-11,2469906	0,081	0,303
CHR6	18828530	CHR6:18828530	SSF x Far_LoA	-10,3675361	-0,003	0,319
CHR6	18838855	CHR6:18838855	SSF x Far_LoA	-11,7775325	-0,054	0,314
CHR6	18838860	CHR6:18838860	SSF x Far_LoA	-11,7888387	-0,033	0,312
CHR6	18838919	CHR6:18838919	SSF x Far_LoA	-8,25602747	0,080	0,287
CHR6	18838929	CHR6:18838929	SSF x Far_LoA	-8,99933277	0,000	0,310
CHR6	18843693	CHR6:18843693	SSF x Far_LoA	-9,13155555	0,007	0,320
CHR6	18843749	CHR6:18843749	SSF x Far_LoA	-8,06730426	-0,044	0,308
CHR6	18843916	CHR6:18843916	SSF x Far_LoA	-9,27152289	0,052	0,313
CHR6	18843927	CHR6:18843927	SSF x Far_LoA	-7,64370452	0,112	0,310
CHR6	18850767	CHR6:18850767	SSF x Far_LoA	-3,67693224	-0,011	0,311
CHR6	18850771	CHR6:18850771	SSF x Far_LoA	-8,54856999	-0,035	0,309
CHR6	18850807	CHR6:18850807	SSF x Far_LoA	-7,51894179	-0,096	0,309
CHR6	18850929	CHR6:18850929	SSF x Far_LoA	-9,60949181	-0,089	0,294
CHR6	18850931	CHR6:18850931	SSF x Far_LoA	-10,2696742	-0,065	0,307
CHR6	18850946	CHR6:18850946	SSF x Far_LoA	-7,80490942	-0,107	0,298
CHR6	18863283	CHR6:18863283	SSF x Far_LoA	-11,0669433	0,049	0,307
CHR6	18863353	CHR6:18863353	SSF x Far_LoA	-8,17364078	0,093	0,298
CHR6	18891554	CHR6:18891554	SSF x Far_LoA	-8,23393887	0,135	0,297
CHR6	18891555	CHR6:18891555	SSF x Far_LoA	-7,10315501	-0,103	0,311
CHR6	1889169	CHR6:1889169	SSF x Far_LoA	-9,58759856	-0,016	0,316
CHR6	18891743	CHR6:18891743	SSF x Far_LoA	-8,87162392	0,097	0,300
CHR6	18891755	CHR6:18891755	SSF x Far_LoA	-10,427086	-0,084	0,309
CHR6	18896114	CHR6:18896114	SSF x Far_LoA	-9,97412057	-0,036	0,302
CHR6	18896127	CHR6:18896127	SSF x Far_LoA	-10,5223744	-0,036	0,312
CHR6	18896162	CHR6:18896162	SSF x Far_LoA	-8,94451477	0,086	0,294
CHR6	18896175	CHR6:18896175	SSF x Far_LoA	-10,2788822	0,016	0,307
CHR6	18896179	CHR6:18896179	SSF x Far_LoA	-10,866626	0,013	0,294
CHR6	18896225	CHR6:18896225	SSF x Far_LoA	-8,74870457	-0,062	0,306
CHR6	18899003	CHR6:18899003	SSF x Far_LoA	-10,8812658	0,046	0,309
CHR6	18903841	CHR6:18903841	SSF x Far_LoA	-9,03673592	0,005	0,325
CHR6	18903852	CHR6:18903852	SSF x Far_LoA	-8,20084958	-0,024	0,309
CHR6	18909525	CHR6:18909525	SSF x Far_LoA	-7,57456174	-0,067	0,310
CHR6	18909531	CHR6:18909531	SSF x Far_LoA	-9,13648157	-0,004	0,308
CHR6	18909592	CHR6:18909592	SSF x Far_LoA	-8,43718056	-0,082	0,305
CHR6	1894482	CHR6:1894482	SSF x Far_LoA	-9,47699534	-0,049	0,299
CHR6	1894638	CHR6:1894638	SSF x Far_LoA	-12,2334872	0,022	0,300
CHR6	1894679	CHR6:1894679	SSF x Far_LoA	-11,8783596	-0,035	0,302
CHR6	18958847	CHR6:18958847	SSF x Far_LoA	-11,7427461	0,043	0,298
CHR6	18958874	CHR6:18958874	SSF x Far_LoA	-10,7695374	0,015	0,294
CHR6	18961571	CHR6:18961571	SSF x Far_LoA	-10,6271753	-0,021	0,318
CHR6	18972969	CHR6:18972969	SSF x Far_LoA	-9,87849736	0,000	0,313
CHR6	18973386	CHR6:18973386	SSF x Far_LoA	-3,24966293	-0,229	0,289
CHR6	18973512	CHR6:18973512	SSF x Far_LoA	-10,6764931	0,028	0,312
CHR6	18983799	CHR6:18983799	SSF x Far_LoA	-10,6464336	0,060	0,317
CHR6	18985465	CHR6:18985465	SSF x Far_LoA	-10,6744231	0,000	0,307
CHR6	18988887	CHR6:18988887	SSF x Far_LoA	-8,57299402	0,105	0,314
CHR6	18988923	CHR6:18988923	SSF x Far_LoA	-9,53527869	0,117	0,301

CHR6	18991307	CHR6:18991307	SSF x Far_LoA	-9,57659989	0,033	0,307
CHR6	19011522	CHR6:19011522	SSF x Far_LoA	-11,3006766	0,039	0,307
CHR6	19011538	CHR6:19011538	SSF x Far_LoA	-9,7165599	0,092	0,305
CHR6	19011542	CHR6:19011542	SSF x Far_LoA	-8,89683841	0,046	0,320
CHR6	19018653	CHR6:19018653	SSF x Far_LoA	-11,8044344	0,028	0,295
CHR6	19018663	CHR6:19018663	SSF x Far_LoA	-8,68685958	0,019	0,309
CHR6	19018665	CHR6:19018665	SSF x Far_LoA	-9,01289212	0,056	0,315
CHR6	19018678	CHR6:19018678	SSF x Far_LoA	-7,80058849	0,004	0,307
CHR6	19018731	CHR6:19018731	SSF x Far_LoA	-10,0528313	-0,100	0,321
CHR6	19018797	CHR6:19018797	SSF x Far_LoA	-9,32572247	0,037	0,314
CHR6	19018803	CHR6:19018803	SSF x Far_LoA	-9,87349351	0,062	0,310
CHR6	19028126	CHR6:19028126	SSF x Far_LoA	-11,8192593	-0,002	0,309
CHR6	19028226	CHR6:19028226	SSF x Far_LoA	-10,0484751	-0,047	0,293
CHR6	19028261	CHR6:19028261	SSF x Far_LoA	-9,78949063	-0,001	0,291
CHR6	19028277	CHR6:19028277	SSF x Far_LoA	-9,08855459	0,051	0,307
CHR6	19031615	CHR6:19031615	SSF x Far_LoA	-3,70487893	-0,062	0,294
CHR6	19031660	CHR6:19031660	SSF x Far_LoA	-10,1028853	-0,069	0,314
CHR6	19031682	CHR6:19031682	SSF x Far_LoA	-10,4141448	-0,038	0,304
CHR6	19031750	CHR6:19031750	SSF x Far_LoA	-6,02381248	-0,093	0,302
CHR6	19031850	CHR6:19031850	SSF x Far_LoA	-8,36587794	0,112	0,300
CHR6	19031883	CHR6:19031883	SSF x Far_LoA	-10,716976	-0,045	0,306
CHR6	19044109	CHR6:19044109	SSF x Far_LoA	-9,71226567	0,062	0,309
CHR6	19045507	CHR6:19045507	SSF x Far_LoA	-9,65735041	-0,008	0,301
CHR6	19055148	CHR6:19055148	SSF x Far_LoA	-10,1654311	-0,022	0,307
CHR6	19055215	CHR6:19055215	SSF x Far_LoA	-7,62067825	0,062	0,314
CHR6	19055231	CHR6:19055231	SSF x Far_LoA	-9,71197214	0,057	0,303
CHR6	19055250	CHR6:19055250	SSF x Far_LoA	-10,5630287	-0,045	0,308
CHR6	19055322	CHR6:19055322	SSF x Far_LoA	-12,1001054	0,017	0,300
CHR6	19055378	CHR6:19055378	SSF x Far_LoA	-8,31600184	-0,021	0,308
CHR6	19055385	CHR6:19055385	SSF x Far_LoA	-9,02884701	0,082	0,312
CHR6	19055411	CHR6:19055411	SSF x Far_LoA	-5,56790483	-0,012	0,323
CHR6	19061892	CHR6:19061892	SSF x Far_LoA	-10,2315495	0,063	0,301
CHR6	19061894	CHR6:19061894	SSF x Far_LoA	-8,65080721	0,056	0,295
CHR6	19061934	CHR6:19061934	SSF x Far_LoA	-10,9605384	0,085	0,308
CHR6	19061944	CHR6:19061944	SSF x Far_LoA	-8,81256635	0,074	0,303
CHR6	19072254	CHR6:19072254	SSF x Far_LoA	-9,77338774	0,065	0,306
CHR6	19072330	CHR6:19072330	SSF x Far_LoA	-11,0314216	0,078	0,300
CHR6	19072362	CHR6:19072362	SSF x Far_LoA	-9,55051379	-0,042	0,305
CHR6	19072368	CHR6:19072368	SSF x Far_LoA	-8,73055423	0,057	0,305
CHR6	19072378	CHR6:19072378	SSF x Far_LoA	-10,4503235	0,054	0,300
CHR6	19072384	CHR6:19072384	SSF x Far_LoA	-11,0096193	0,013	0,300
CHR6	19078295	CHR6:19078295	SSF x Far_LoA	-10,2088331	0,047	0,313
CHR6	19078339	CHR6:19078339	SSF x Far_LoA	-8,95939919	0,008	0,305
CHR6	19078343	CHR6:19078343	SSF x Far_LoA	-10,7514517	0,028	0,311
CHR6	19078388	CHR6:19078388	SSF x Far_LoA	-10,193408	0,019	0,312
CHR6	19078438	CHR6:19078438	SSF x Far_LoA	-8,32001857	0,058	0,301
CHR6	19078464	CHR6:19078464	SSF x Far_LoA	-11,7934502	-0,074	0,296
CHR6	19078502	CHR6:19078502	SSF x Far_LoA	-11,4138646	0,079	0,313
CHR6	19085938	CHR6:19085938	SSF x Far_LoA	-7,61959964	0,113	0,294
CHR6	19085946	CHR6:19085946	SSF x Far_LoA	-8,72930894	-0,107	0,296
CHR6	19087038	CHR6:19087038	SSF x Far_LoA	-6,84851876	0,129	0,306
CHR6	19087101	CHR6:19087101	SSF x Far_LoA	-6,10525975	-0,176	0,291
CHR6	19089701	CHR6:19089701	SSF x Far_LoA	-9,71454533	-0,032	0,313

CHR6	19089703	CHR6:19089703	SSF x Far_LoA	-6,00145035	0,041	0,304
CHR6	19089722	CHR6:19089722	SSF x Far_LoA	-8,35783947	-0,048	0,308
CHR6	19089734	CHR6:19089734	SSF x Far_LoA	-8,9011081	0,112	0,295
CHR6	19089953	CHR6:19089953	SSF x Far_LoA	-9,74390898	0,001	0,306
CHR6	1909035	CHR6:1909035	SSF x Far_LoA	-10,9791343	-0,056	0,320
CHR6	19092425	CHR6:19092425	SSF x Far_LoA	-8,94884464	0,037	0,304
CHR6	19107940	CHR6:19107940	SSF x Far_LoA	-9,81513103	0,037	0,303
CHR6	19108118	CHR6:19108118	SSF x Far_LoA	-9,59533869	0,015	0,301
CHR6	19121347	CHR6:19121347	SSF x Far_LoA	-9,93779762	-0,022	0,298
CHR6	19121391	CHR6:19121391	SSF x Far_LoA	-9,27822281	0,041	0,310
CHR6	19132004	CHR6:19132004	SSF x Far_LoA	-9,21448568	0,042	0,311
CHR6	19135190	CHR6:19135190	SSF x Far_LoA	-8,66587664	-0,044	0,305
CHR6	19135248	CHR6:19135248	SSF x Far_LoA	6,03250074	-0,098	0,311
CHR6	19135308	CHR6:19135308	SSF x Far_LoA	-9,03145265	-0,079	0,310
CHR6	19135352	CHR6:19135352	SSF x Far_LoA	-8,14196344	-0,075	0,314
CHR6	19135371	CHR6:19135371	SSF x Far_LoA	-5,61384872	0,263	0,269
CHR6	19136646	CHR6:19136646	SSF x Far_LoA	-9,03666321	0,051	0,317
CHR6	19136647	CHR6:19136647	SSF x Far_LoA	-9,95258632	0,052	0,304
CHR6	19136669	CHR6:19136669	SSF x Far_LoA	-11,8324779	0,008	0,314
CHR6	19136670	CHR6:19136670	SSF x Far_LoA	-8,67644249	0,028	0,306
CHR6	19143297	CHR6:19143297	SSF x Far_LoA	-11,0929393	-0,005	0,309
CHR6	19173775	CHR6:19173775	SSF x Far_LoA	-10,2072022	0,034	0,303
CHR6	19173839	CHR6:19173839	SSF x Far_LoA	-9,03915846	0,052	0,307
CHR6	19173875	CHR6:19173875	SSF x Far_LoA	-9,54340916	-0,081	0,294
CHR6	19174017	CHR6:19174017	SSF x Far_LoA	-7,95775579	-0,086	0,319
CHR6	19175636	CHR6:19175636	SSF x Far_LoA	-8,03462647	-0,095	0,304
CHR6	19175670	CHR6:19175670	SSF x Far_LoA	-8,77005796	-0,015	0,307
CHR6	19175672	CHR6:19175672	SSF x Far_LoA	-3,98043458	-0,086	0,306
CHR6	19175675	CHR6:19175675	SSF x Far_LoA	-7,95433432	0,035	0,312
CHR6	19175749	CHR6:19175749	SSF x Far_LoA	-7,67522863	0,142	0,296
CHR6	19175759	CHR6:19175759	SSF x Far_LoA	-9,45965084	0,129	0,285
CHR6	19175783	CHR6:19175783	SSF x Far_LoA	-8,77274835	-0,067	0,304
CHR6	19178948	CHR6:19178948	SSF x Far_LoA	-8,62916348	-0,008	0,300
CHR6	19179065	CHR6:19179065	SSF x Far_LoA	-10,5005629	0,062	0,288
CHR6	19180106	CHR6:19180106	SSF x Far_LoA	-10,4296368	-0,073	0,303
CHR6	19181331	CHR6:19181331	SSF x Far_LoA	-7,47884365	-0,166	0,296
CHR6	19194667	CHR6:19194667	SSF x Far_LoA	-3,9289138	0,024	0,301
CHR6	19194675	CHR6:19194675	SSF x Far_LoA	-9,64348976	0,147	0,295
CHR6	19194701	CHR6:19194701	SSF x Far_LoA	-10,6422416	0,138	0,289
CHR6	19194789	CHR6:19194789	SSF x Far_LoA	-8,51650109	0,081	0,302
CHR6	19194818	CHR6:19194818	SSF x Far_LoA	-11,9157442	-0,045	0,309
CHR6	1920029	CHR6:1920029	SSF x Far_LoA	-4,74190675	0,064	0,309
CHR6	1920116	CHR6:1920116	SSF x Far_LoA	-10,2692905	-0,022	0,290
CHR6	1920170	CHR6:1920170	SSF x Far_LoA	-9,10140768	-0,002	0,311
CHR6	1920186	CHR6:1920186	SSF x Far_LoA	-10,1691073	-0,092	0,298
CHR6	19204036	CHR6:19204036	SSF x Far_LoA	-7,58868156	-0,185	0,311
CHR6	19207452	CHR6:19207452	SSF x Far_LoA	-10,3928947	0,029	0,295
CHR6	19207501	CHR6:19207501	SSF x Far_LoA	-9,31166096	0,037	0,301
CHR6	19207549	CHR6:19207549	SSF x Far_LoA	-6,45236953	-0,127	0,301
CHR6	19207559	CHR6:19207559	SSF x Far_LoA	-8,10903013	0,128	0,300
CHR6	19207563	CHR6:19207563	SSF x Far_LoA	-8,36250388	0,159	0,290
CHR6	19216997	CHR6:19216997	SSF x Far_LoA	-9,80973379	-0,003	0,297
CHR6	19217235	CHR6:19217235	SSF x Far_LoA	-10,3872601	-0,037	0,313

CHR6	19217257	CHR6:19217257	SSF x Far_LoA	-6,9986023	0,029	0,306
CHR6	19221198	CHR6:19221198	SSF x Far_LoA	-10,7099551	-0,042	0,306
CHR6	19221472	CHR6:19221472	SSF x Far_LoA	-9,73014698	0,020	0,305
CHR6	19221486	CHR6:19221486	SSF x Far_LoA	-8,32613915	0,000	0,310
CHR6	19235529	CHR6:19235529	SSF x Far_LoA	-7,59990307	0,110	0,296
CHR6	19235548	CHR6:19235548	SSF x Far_LoA	-7,87179338	0,045	0,294
CHR6	19235593	CHR6:19235593	SSF x Far_LoA	-8,79755697	-0,080	0,314
CHR6	19235610	CHR6:19235610	SSF x Far_LoA	-8,97238348	0,098	0,299
CHR6	19235624	CHR6:19235624	SSF x Far_LoA	-9,22612916	0,058	0,309
CHR6	19235655	CHR6:19235655	SSF x Far_LoA	-10,8432634	0,126	0,298
CHR6	19240558	CHR6:19240558	SSF x Far_LoA	-7,68545839	0,004	0,304
CHR6	19240717	CHR6:19240717	SSF x Far_LoA	-8,0099047	-0,093	0,294
CHR6	1924786	CHR6:1924786	SSF x Far_LoA	-10,6234023	0,087	0,307
CHR6	19249409	CHR6:19249409	SSF x Far_LoA	-5,42756232	-0,091	0,312
CHR6	19271703	CHR6:19271703	SSF x Far_LoA	-11,5086203	0,048	0,292
CHR6	19271713	CHR6:19271713	SSF x Far_LoA	-5,67022214	-0,127	0,296
CHR6	19271748	CHR6:19271748	SSF x Far_LoA	-8,803122	0,075	0,317
CHR6	19271785	CHR6:19271785	SSF x Far_LoA	-6,40507157	0,077	0,317
CHR6	19271794	CHR6:19271794	SSF x Far_LoA	-10,1655621	0,129	0,324
CHR6	19271837	CHR6:19271837	SSF x Far_LoA	-8,14585498	0,066	0,298
CHR6	19273510	CHR6:19273510	SSF x Far_LoA	-10,1284141	0,019	0,313
CHR6	19273520	CHR6:19273520	SSF x Far_LoA	-8,04218474	-0,079	0,308
CHR6	19278866	CHR6:19278866	SSF x Far_LoA	-10,7106906	0,077	0,306
CHR6	19278908	CHR6:19278908	SSF x Far_LoA	-10,3534178	0,047	0,308
CHR6	19281177	CHR6:19281177	SSF x Far_LoA	-8,59398786	0,121	0,294
CHR6	19281274	CHR6:19281274	SSF x Far_LoA	-8,85453184	0,061	0,298
CHR6	19281291	CHR6:19281291	SSF x Far_LoA	-10,995755	0,070	0,306
CHR6	19282752	CHR6:19282752	SSF x Far_LoA	-7,31390491	-0,033	0,317
CHR6	19294732	CHR6:19294732	SSF x Far_LoA	-8,90756558	0,026	0,314
CHR6	19294799	CHR6:19294799	SSF x Far_LoA	-8,96721204	-0,127	0,291
CHR6	19294804	CHR6:19294804	SSF x Far_LoA	-11,7856738	-0,032	0,311
CHR6	19294806	CHR6:19294806	SSF x Far_LoA	-6,76449034	-0,080	0,298
CHR6	19294813	CHR6:19294813	SSF x Far_LoA	-9,31828785	-0,121	0,297
CHR6	19294825	CHR6:19294825	SSF x Far_LoA	-9,84564736	0,046	0,292
CHR6	19294826	CHR6:19294826	SSF x Far_LoA	-10,2376156	0,024	0,290
CHR6	19294854	CHR6:19294854	SSF x Far_LoA	-8,03549284	-0,095	0,311
CHR6	19294859	CHR6:19294859	SSF x Far_LoA	-10,418298	-0,006	0,301
CHR6	19294919	CHR6:19294919	SSF x Far_LoA	-9,0362317	-0,024	0,323
CHR6	19294961	CHR6:19294961	SSF x Far_LoA	-12,0038483	0,063	0,307
CHR6	19296725	CHR6:19296725	SSF x Far_LoA	-8,09626972	0,118	0,302
CHR6	19296820	CHR6:19296820	SSF x Far_LoA	-8,79387295	-0,083	0,309
CHR6	19296908	CHR6:19296908	SSF x Far_LoA	-8,04811339	0,033	0,309
CHR6	19296939	CHR6:19296939	SSF x Far_LoA	-8,20234696	-0,055	0,303
CHR6	19301217	CHR6:19301217	SSF x Far_LoA	-10,7829688	0,075	0,300
CHR6	19307220	CHR6:19307220	SSF x Far_LoA	-8,60005962	0,103	0,303
CHR6	19307275	CHR6:19307275	SSF x Far_LoA	-8,9226347	0,093	0,309
CHR6	19307276	CHR6:19307276	SSF x Far_LoA	-7,42275955	0,049	0,317
CHR6	19307338	CHR6:19307338	SSF x Far_LoA	-0,3227389	0,109	0,305
CHR6	19310668	CHR6:19310668	SSF x Far_LoA	-6,14182857	0,103	0,304
CHR6	19310670	CHR6:19310670	SSF x Far_LoA	-8,72869097	-0,061	0,316
CHR6	19310681	CHR6:19310681	SSF x Far_LoA	-8,1146478	-0,112	0,310
CHR6	19310707	CHR6:19310707	SSF x Far_LoA	-8,96510712	-0,042	0,301
CHR6	19310742	CHR6:19310742	SSF x Far_LoA	-9,61701904	0,014	0,296

CHR6	19310748	CHR6:19310748	SSF x Far_LoA	-7,02545044	0,015	0,295
CHR6	19330161	CHR6:19330161	SSF x Far_LoA	-8,75552403	-0,078	0,299
CHR6	19330209	CHR6:19330209	SSF x Far_LoA	-7,68853889	-0,058	0,324
CHR6	19330311	CHR6:19330311	SSF x Far_LoA	-8,60430733	-0,039	0,310
CHR6	19330415	CHR6:19330415	SSF x Far_LoA	-11,9247789	-0,027	0,308
CHR6	19330421	CHR6:19330421	SSF x Far_LoA	-8,85409302	-0,034	0,314
CHR6	19330444	CHR6:19330444	SSF x Far_LoA	-7,33876553	-0,077	0,300
CHR6	19330445	CHR6:19330445	SSF x Far_LoA	-9,04754512	0,067	0,320
CHR6	19337999	CHR6:19337999	SSF x Far_LoA	-9,77819385	0,036	0,307
CHR6	19338079	CHR6:19338079	SSF x Far_LoA	-10,6590623	0,000	0,291
CHR6	1933950	CHR6:1933950	SSF x Far_LoA	-7,66625166	0,070	0,299
CHR6	19342375	CHR6:19342375	SSF x Far_LoA	-7,35754081	-0,111	0,307
CHR6	19347023	CHR6:19347023	SSF x Far_LoA	-9,41937846	0,023	0,307
CHR6	19347186	CHR6:19347186	SSF x Far_LoA	-7,93869069	0,037	0,310
CHR6	19347308	CHR6:19347308	SSF x Far_LoA	-9,47387327	-0,004	0,305
CHR6	19359850	CHR6:19359850	SSF x Far_LoA	-7,95782311	-0,140	0,304
CHR6	19366758	CHR6:19366758	SSF x Far_LoA	-9,28883494	-0,086	0,303
CHR6	19366853	CHR6:19366853	SSF x Far_LoA	-7,72961785	0,083	0,316
CHR6	19366858	CHR6:19366858	SSF x Far_LoA	-9,06765305	0,084	0,299
CHR6	19366881	CHR6:19366881	SSF x Far_LoA	-9,76034982	0,022	0,320
CHR6	19373498	CHR6:19373498	SSF x Far_LoA	-7,31130635	0,126	0,295
CHR6	19378922	CHR6:19378922	SSF x Far_LoA	-9,16522056	-0,013	0,313
CHR6	19379181	CHR6:19379181	SSF x Far_LoA	-10,5534754	-0,050	0,300
CHR6	19379187	CHR6:19379187	SSF x Far_LoA	-5,3477057	-0,043	0,315
CHR6	1938438	CHR6:1938438	SSF x Far_LoA	-7,95503954	0,058	0,306
CHR6	1938650	CHR6:1938650	SSF x Far_LoA	-9,49169721	-0,003	0,305
CHR6	19388726	CHR6:19388726	SSF x Far_LoA	-10,9841958	0,041	0,314
CHR6	19388836	CHR6:19388836	SSF x Far_LoA	-10,1581014	0,114	0,307
CHR6	19389039	CHR6:19389039	SSF x Far_LoA	-9,31663782	-0,138	0,316
CHR6	19398059	CHR6:19398059	SSF x Far_LoA	-11,2301916	-0,066	0,312
CHR6	19400089	CHR6:19400089	SSF x Far_LoA	-8,58867889	0,059	0,308
CHR6	19400200	CHR6:19400200	SSF x Far_LoA	-8,71683157	0,040	0,290
CHR6	19400235	CHR6:19400235	SSF x Far_LoA	-7,14074696	-0,113	0,299
CHR6	19400241	CHR6:19400241	SSF x Far_LoA	-9,33854897	-0,084	0,304
CHR6	19400253	CHR6:19400253	SSF x Far_LoA	-9,17601772	-0,101	0,292
CHR6	19400281	CHR6:19400281	SSF x Far_LoA	-10,1250467	-0,114	0,289
CHR6	19402964	CHR6:19402964	SSF x Far_LoA	-10,7570377	0,073	0,309
CHR6	19407623	CHR6:19407623	SSF x Far_LoA	-8,00025253	-0,085	0,307
CHR6	19407657	CHR6:19407657	SSF x Far_LoA	-10,7638788	0,008	0,307
CHR6	19415632	CHR6:19415632	SSF x Far_LoA	-10,8891379	0,029	0,301
CHR6	19431726	CHR6:19431726	SSF x Far_LoA	-10,6861551	-0,067	0,298
CHR6	19431738	CHR6:19431738	SSF x Far_LoA	-9,31326125	-0,009	0,301
CHR6	19431797	CHR6:19431797	SSF x Far_LoA	-9,64332189	-0,112	0,302
CHR6	19431798	CHR6:19431798	SSF x Far_LoA	-8,19955285	0,039	0,302
CHR6	19434188	CHR6:19434188	SSF x Far_LoA	-10,0337124	-0,077	0,308
CHR6	19434207	CHR6:19434207	SSF x Far_LoA	-10,1573562	-0,097	0,302
CHR6	19434217	CHR6:19434217	SSF x Far_LoA	-6,56919771	-0,083	0,305
CHR6	19434243	CHR6:19434243	SSF x Far_LoA	-9,75796193	-0,097	0,305
CHR6	19434389	CHR6:19434389	SSF x Far_LoA	-7,48130074	0,079	0,318
CHR6	19437554	CHR6:19437554	SSF x Far_LoA	-9,99719859	0,063	0,309
CHR6	19445165	CHR6:19445165	SSF x Far_LoA	-10,5491716	-0,033	0,317
CHR6	19445172	CHR6:19445172	SSF x Far_LoA	-9,64526224	0,001	0,307
CHR6	19445236	CHR6:19445236	SSF x Far_LoA	-10,89606	0,077	0,293

CHR6	19445255	CHR6:19445255	SSF x Far_LoA	-6,17087929	-0,071	0,317
CHR6	19445266	CHR6:19445266	SSF x Far_LoA	-10,2040611	0,052	0,297
CHR6	194483	CHR6:194483	SSF x Far_LoA	-10,0982463	-0,043	0,306
CHR6	194498	CHR6:194498	SSF x Far_LoA	-9,82414068	-0,028	0,306
CHR6	194666	CHR6:194666	SSF x Far_LoA	-9,31844442	-0,162	0,300
CHR6	19470421	CHR6:19470421	SSF x Far_LoA	-11,6082984	-0,068	0,301
CHR6	19472388	CHR6:19472388	SSF x Far_LoA	-6,92212813	0,115	0,311
CHR6	19472411	CHR6:19472411	SSF x Far_LoA	-8,51153924	-0,052	0,311
CHR6	19475010	CHR6:19475010	SSF x Far_LoA	-11,2722097	-0,055	0,312
CHR6	19479242	CHR6:19479242	SSF x Far_LoA	-9,49386905	-0,068	0,302
CHR6	19479255	CHR6:19479255	SSF x Far_LoA	-8,09839303	-0,069	0,301
CHR6	19479263	CHR6:19479263	SSF x Far_LoA	-11,4179203	-0,004	0,309
CHR6	19479265	CHR6:19479265	SSF x Far_LoA	-9,79026477	-0,068	0,291
CHR6	19479285	CHR6:19479285	SSF x Far_LoA	-7,42239621	-0,011	0,313
CHR6	19479303	CHR6:19479303	SSF x Far_LoA	-11,1013817	-0,007	0,321
CHR6	19479317	CHR6:19479317	SSF x Far_LoA	-11,252188	0,067	0,305
CHR6	19479339	CHR6:19479339	SSF x Far_LoA	-11,5581124	-0,035	0,311
CHR6	19479349	CHR6:19479349	SSF x Far_LoA	-9,47330413	-0,032	0,306
CHR6	19493008	CHR6:19493008	SSF x Far_LoA	-11,7664974	0,029	0,299
CHR6	19493199	CHR6:19493199	SSF x Far_LoA	-7,88604144	0,002	0,316
CHR6	19493249	CHR6:19493249	SSF x Far_LoA	-11,1134239	0,045	0,319
CHR6	19495994	CHR6:19495994	SSF x Far_LoA	-4,36954756	-0,152	0,289
CHR6	19495995	CHR6:19495995	SSF x Far_LoA	-9,732602	-0,052	0,306
CHR6	19496013	CHR6:19496013	SSF x Far_LoA	-9,62247278	-0,041	0,309
CHR6	19496014	CHR6:19496014	SSF x Far_LoA	-11,1226918	-0,039	0,299
CHR6	19496041	CHR6:19496041	SSF x Far_LoA	-8,3752242	-0,112	0,304
CHR6	19496086	CHR6:19496086	SSF x Far_LoA	-8,65346264	0,048	0,311
CHR6	19496129	CHR6:19496129	SSF x Far_LoA	-10,8675662	0,038	0,310
CHR6	19496150	CHR6:19496150	SSF x Far_LoA	-9,78918358	0,077	0,303
CHR6	19496179	CHR6:19496179	SSF x Far_LoA	-7,61350975	0,134	0,306
CHR6	19496216	CHR6:19496216	SSF x Far_LoA	-9,03868788	-0,080	0,309
CHR6	19496217	CHR6:19496217	SSF x Far_LoA	-9,29248556	0,161	0,297
CHR6	19498857	CHR6:19498857	SSF x Far_LoA	-8,15430541	0,004	0,318
CHR6	2E+07	CHR6:19504073	SSF x Far_LoA	-10,1034096	0,118	0,302
CHR6	2E+07	CHR6:19504350	SSF x Far_LoA	-10,8793712	0,084	0,302
CHR6	2E+07	CHR6:19510153	SSF x Far_LoA	-9,35404731	0,025	0,310
CHR6	2E+07	CHR6:19514266	SSF x Far_LoA	-11,2730792	0,037	0,311
CHR6	2E+07	CHR6:19514493	SSF x Far_LoA	-10,698168	0,038	0,302
CHR6	2E+07	CHR6:19516846	SSF x Far_LoA	-8,57848493	0,035	0,298
CHR6	1951949	CHR6:1951949	SSF x Far_LoA	-10,7063002	-0,029	0,303
CHR6	1951968	CHR6:1951968	SSF x Far_LoA	-6,05277854	-0,181	0,297
CHR6	1952027	CHR6:1952027	SSF x Far_LoA	-9,78113067	0,034	0,306
CHR6	1952076	CHR6:1952076	SSF x Far_LoA	-4,33680177	-0,089	0,301
CHR6	2E+07	CHR6:19523987	SSF x Far_LoA	-9,4595864	0,016	0,301
CHR6	2E+07	CHR6:19524000	SSF x Far_LoA	-10,4643898	-0,006	0,315
CHR6	2E+07	CHR6:19524028	SSF x Far_LoA	-11,3353757	0,054	0,303
CHR6	2E+07	CHR6:19524060	SSF x Far_LoA	-7,87893379	-0,069	0,301
CHR6	2E+07	CHR6:19524112	SSF x Far_LoA	-6,49978148	-0,009	0,316
CHR6	2E+07	CHR6:19524170	SSF x Far_LoA	-7,11473194	-0,104	0,302
CHR6	2E+07	CHR6:19524211	SSF x Far_LoA	-10,8999644	0,026	0,299
CHR6	2E+07	CHR6:19524231	SSF x Far_LoA	-10,5971163	-0,036	0,311
CHR6	2E+07	CHR6:19531245	SSF x Far_LoA	-10,5992498	0,097	0,307
CHR6	2E+07	CHR6:19531249	SSF x Far_LoA	-8,53561092	-0,057	0,300

CHR6	2E+07	CHR6:19531453	SSF x Far_LoA	-6,66903935	0,136	0,305
CHR6	2E+07	CHR6:19535304	SSF x Far_LoA	-11,4309957	-0,001	0,300
CHR6	2E+07	CHR6:19535458	SSF x Far_LoA	-10,7659443	-0,021	0,305
CHR6	2E+07	CHR6:19552773	SSF x Far_LoA	-10,0803432	-0,073	0,316
CHR6	2E+07	CHR6:19552841	SSF x Far_LoA	-10,4207105	0,054	0,305
CHR6	2E+07	CHR6:19562726	SSF x Far_LoA	-10,5581889	0,038	0,311
CHR6	2E+07	CHR6:19562727	SSF x Far_LoA	-11,4024862	-0,045	0,309
CHR6	2E+07	CHR6:19562729	SSF x Far_LoA	-7,03366022	0,008	0,306
CHR6	2E+07	CHR6:19562748	SSF x Far_LoA	-9,68950407	-0,041	0,303
CHR6	2E+07	CHR6:19562759	SSF x Far_LoA	-9,54717488	-0,052	0,294
CHR6	2E+07	CHR6:19562762	SSF x Far_LoA	-6,7294157	-0,116	0,318
CHR6	2E+07	CHR6:19562779	SSF x Far_LoA	-10,0924736	-0,010	0,304
CHR6	2E+07	CHR6:19562783	SSF x Far_LoA	-8,0716902	-0,131	0,300
CHR6	2E+07	CHR6:19562806	SSF x Far_LoA	-8,94068765	0,034	0,295
CHR6	2E+07	CHR6:19562828	SSF x Far_LoA	-7,60188556	0,063	0,302
CHR6	2E+07	CHR6:19562831	SSF x Far_LoA	-9,34226786	-0,026	0,290
CHR6	2E+07	CHR6:19562895	SSF x Far_LoA	-7,31472055	-0,064	0,299
CHR6	2E+07	CHR6:19562919	SSF x Far_LoA	-8,36723365	-0,039	0,300
CHR6	2E+07	CHR6:19562921	SSF x Far_LoA	-10,4607883	0,057	0,296
CHR6	1956597	CHR6:1956597	SSF x Far_LoA	-9,83079796	0,117	0,306
CHR6	2E+07	CHR6:19566415	SSF x Far_LoA	-11,0750973	0,009	0,304
CHR6	2E+07	CHR6:19566577	SSF x Far_LoA	-8,6642676	-0,019	0,308
CHR6	2E+07	CHR6:19569446	SSF x Far_LoA	-9,05135153	0,070	0,314
CHR6	2E+07	CHR6:19569569	SSF x Far_LoA	-8,04640864	-0,098	0,305
CHR6	2E+07	CHR6:19569573	SSF x Far_LoA	-10,5154504	-0,106	0,305
CHR6	2E+07	CHR6:19569575	SSF x Far_LoA	-9,22592276	-0,029	0,297
CHR6	2E+07	CHR6:19569577	SSF x Far_LoA	-10,6818178	-0,102	0,315
CHR6	2E+07	CHR6:19569611	SSF x Far_LoA	-8,85224972	-0,120	0,307
CHR6	2E+07	CHR6:19578420	SSF x Far_LoA	-9,54783233	-0,077	0,294
CHR6	2E+07	CHR6:19578441	SSF x Far_LoA	-10,3388915	-0,069	0,306
CHR6	2E+07	CHR6:19578445	SSF x Far_LoA	-9,51821368	-0,019	0,305
CHR6	2E+07	CHR6:19578504	SSF x Far_LoA	-9,81781014	0,009	0,301
CHR6	2E+07	CHR6:19578558	SSF x Far_LoA	-8,78439218	0,025	0,312
CHR6	2E+07	CHR6:19584238	SSF x Far_LoA	-11,5001269	-0,050	0,294
CHR6	2E+07	CHR6:19584281	SSF x Far_LoA	-10,5419844	-0,074	0,299
CHR6	2E+07	CHR6:19584343	SSF x Far_LoA	-8,7176703	0,106	0,308
CHR6	2E+07	CHR6:19584361	SSF x Far_LoA	-10,7530137	-0,026	0,304
CHR6	1958916	CHR6:1958916	SSF x Far_LoA	-9,91798122	-0,074	0,307
CHR6	2E+07	CHR6:19617850	SSF x Far_LoA	-7,44930528	0,112	0,312
CHR6	2E+07	CHR6:19617916	SSF x Far_LoA	-6,98954733	0,146	0,302
CHR6	2E+07	CHR6:19645915	SSF x Far_LoA	-8,6166284	-0,049	0,295
CHR6	2E+07	CHR6:19645965	SSF x Far_LoA	-9,78545275	0,026	0,311
CHR6	2E+07	CHR6:19648125	SSF x Far_LoA	-10,8404577	-0,037	0,296
CHR6	2E+07	CHR6:19648165	SSF x Far_LoA	-8,16355732	-0,046	0,312
CHR6	2E+07	CHR6:19648169	SSF x Far_LoA	-10,5483554	-0,090	0,306
CHR6	2E+07	CHR6:19648178	SSF x Far_LoA	-7,80573256	-0,004	0,303
CHR6	2E+07	CHR6:19648208	SSF x Far_LoA	-7,36224465	-0,161	0,296
CHR6	2E+07	CHR6:19648211	SSF x Far_LoA	-9,47645326	0,165	0,279
CHR6	2E+07	CHR6:19648224	SSF x Far_LoA	-8,19386935	0,115	0,291
CHR6	2E+07	CHR6:19648249	SSF x Far_LoA	-10,9302299	-0,045	0,291
CHR6	2E+07	CHR6:19648288	SSF x Far_LoA	-9,42907828	-0,060	0,302
CHR6	2E+07	CHR6:19648297	SSF x Far_LoA	-9,27900455	0,069	0,306
CHR6	2E+07	CHR6:19648315	SSF x Far_LoA	-9,93569593	0,103	0,311

CHR6	1965289	CHR6:1965289	SSF x Far_LoA	-9,68356693	0,028	0,308
CHR6	1965309	CHR6:1965309	SSF x Far_LoA	-8,88044295	-0,044	0,309
CHR6	2E+07	CHR6:19654782	SSF x Far_LoA	-10,0084979	-0,070	0,283
CHR6	2E+07	CHR6:19654838	SSF x Far_LoA	-7,47946528	0,113	0,304
CHR6	2E+07	CHR6:19654842	SSF x Far_LoA	-2,5755014	0,128	0,314
CHR6	2E+07	CHR6:19654858	SSF x Far_LoA	-7,97985957	0,087	0,314
CHR6	2E+07	CHR6:19664915	SSF x Far_LoA	-10,2170722	0,026	0,300
CHR6	2E+07	CHR6:19664933	SSF x Far_LoA	-12,1129932	-0,001	0,305
CHR6	2E+07	CHR6:19664949	SSF x Far_LoA	-8,77909804	-0,016	0,317
CHR6	2E+07	CHR6:19664964	SSF x Far_LoA	-8,62674593	0,046	0,308
CHR6	2E+07	CHR6:19664977	SSF x Far_LoA	-7,12571458	0,021	0,310
CHR6	2E+07	CHR6:19664983	SSF x Far_LoA	-10,13988	-0,032	0,305
CHR6	2E+07	CHR6:19665105	SSF x Far_LoA	-10,8684841	0,020	0,297
CHR6	2E+07	CHR6:19666496	SSF x Far_LoA	-9,22963547	-0,042	0,290
CHR6	2E+07	CHR6:19666507	SSF x Far_LoA	-6,76930961	0,015	0,309
CHR6	2E+07	CHR6:19666528	SSF x Far_LoA	-9,42075522	-0,096	0,296
CHR6	2E+07	CHR6:19666576	SSF x Far_LoA	-11,9038607	0,042	0,315
CHR6	2E+07	CHR6:19666600	SSF x Far_LoA	-10,6968709	0,128	0,287
CHR6	2E+07	CHR6:19666622	SSF x Far_LoA	-8,27300615	0,061	0,307
CHR6	2E+07	CHR6:19670356	SSF x Far_LoA	-11,6650308	0,110	0,301
CHR6	2E+07	CHR6:19670362	SSF x Far_LoA	-6,94266975	0,244	0,285
CHR6	2E+07	CHR6:19670373	SSF x Far_LoA	-8,74887609	-0,068	0,308
CHR6	2E+07	CHR6:19670449	SSF x Far_LoA	-7,93095769	0,171	0,291
CHR6	2E+07	CHR6:19673531	SSF x Far_LoA	-10,5961945	0,010	0,289
CHR6	2E+07	CHR6:19673540	SSF x Far_LoA	-7,86880811	0,074	0,300
CHR6	2E+07	CHR6:19673553	SSF x Far_LoA	-8,9739106	0,027	0,296
CHR6	2E+07	CHR6:19673640	SSF x Far_LoA	-10,6777517	-0,115	0,298
CHR6	2E+07	CHR6:19676253	SSF x Far_LoA	-7,56756751	-0,065	0,302
CHR6	2E+07	CHR6:19676299	SSF x Far_LoA	-7,50555474	0,039	0,291
CHR6	2E+07	CHR6:19676381	SSF x Far_LoA	-7,9622875	-0,085	0,324
CHR6	2E+07	CHR6:19681707	SSF x Far_LoA	-7,77541277	0,066	0,300
CHR6	2E+07	CHR6:19681788	SSF x Far_LoA	-7,31550753	0,151	0,302
CHR6	2E+07	CHR6:19681809	SSF x Far_LoA	-6,35924019	0,166	0,301
CHR6	2E+07	CHR6:19681837	SSF x Far_LoA	-8,55275067	-0,025	0,309
CHR6	2E+07	CHR6:19681853	SSF x Far_LoA	-4,45651711	-0,055	0,313
CHR6	2E+07	CHR6:19681862	SSF x Far_LoA	-3,04902485	-0,125	0,312
CHR6	2E+07	CHR6:19684672	SSF x Far_LoA	-6,91511652	0,061	0,301
CHR6	2E+07	CHR6:19684717	SSF x Far_LoA	-6,87418185	-0,221	0,309
CHR6	2E+07	CHR6:19684731	SSF x Far_LoA	-4,87671964	0,214	0,287
CHR6	2E+07	CHR6:19684792	SSF x Far_LoA	-10,3803177	-0,004	0,304
CHR6	2E+07	CHR6:19684801	SSF x Far_LoA	-10,5382846	-0,077	0,303
CHR6	2E+07	CHR6:19684807	SSF x Far_LoA	-9,0155773	-0,079	0,301
CHR6	2E+07	CHR6:19684845	SSF x Far_LoA	-5,26172461	-0,085	0,308
CHR6	2E+07	CHR6:19691318	SSF x Far_LoA	-10,6630818	-0,036	0,301
CHR6	2E+07	CHR6:19691322	SSF x Far_LoA	-9,04121972	0,052	0,308
CHR6	2E+07	CHR6:19691326	SSF x Far_LoA	-0,88597037	-0,130	0,306
CHR6	2E+07	CHR6:19691360	SSF x Far_LoA	-7,80596583	0,216	0,281
CHR6	2E+07	CHR6:19691376	SSF x Far_LoA	-9,64901509	0,154	0,295
CHR6	2E+07	CHR6:19691392	SSF x Far_LoA	-6,2389955	-0,199	0,299
CHR6	2E+07	CHR6:19691421	SSF x Far_LoA	-8,52934305	0,012	0,309
CHR6	2E+07	CHR6:19700767	SSF x Far_LoA	-9,27805719	0,099	0,301
CHR6	2E+07	CHR6:19700782	SSF x Far_LoA	-9,38495052	0,084	0,316
CHR6	2E+07	CHR6:19700806	SSF x Far_LoA	-10,147199	0,114	0,294

CHR6	2E+07	CHR6:19706695	SSF x Far_LoA	-10,2747475	0,042	0,295
CHR6	2E+07	CHR6:19706698	SSF x Far_LoA	-11,316409	0,067	0,312
CHR6	2E+07	CHR6:19706707	SSF x Far_LoA	-12,7297119	0,055	0,286
CHR6	2E+07	CHR6:19728702	SSF x Far_LoA	-10,5120838	0,012	0,302
CHR6	2E+07	CHR6:19728774	SSF x Far_LoA	-9,15604792	0,022	0,306
CHR6	2E+07	CHR6:19730981	SSF x Far_LoA	-12,8232281	0,041	0,285
CHR6	2E+07	CHR6:19731084	SSF x Far_LoA	-7,94379798	-0,061	0,300
CHR6	2E+07	CHR6:19731113	SSF x Far_LoA	-10,8261668	0,077	0,292
CHR6	2E+07	CHR6:19731130	SSF x Far_LoA	-7,23892748	0,154	0,289
CHR6	2E+07	CHR6:19731139	SSF x Far_LoA	-6,78047711	0,167	0,290
CHR6	2E+07	CHR6:19731159	SSF x Far_LoA	-10,1168549	0,099	0,306
CHR6	2E+07	CHR6:19733531	SSF x Far_LoA	-9,7058086	0,005	0,316
CHR6	2E+07	CHR6:19733539	SSF x Far_LoA	-7,99229731	-0,051	0,300
CHR6	2E+07	CHR6:19733552	SSF x Far_LoA	-8,97457326	0,083	0,310
CHR6	2E+07	CHR6:19733583	SSF x Far_LoA	-6,11861495	0,212	0,296
CHR6	2E+07	CHR6:19746931	SSF x Far_LoA	-7,01476256	0,222	0,279
CHR6	2E+07	CHR6:19749599	SSF x Far_LoA	-5,85890691	0,201	0,287
CHR6	2E+07	CHR6:19749653	SSF x Far_LoA	-10,3294496	0,077	0,302
CHR6	2E+07	CHR6:19749670	SSF x Far_LoA	-9,67446978	-0,107	0,312
CHR6	2E+07	CHR6:19749710	SSF x Far_LoA	-8,24386435	0,051	0,303
CHR6	2E+07	CHR6:19751604	SSF x Far_LoA	-9,14315143	0,129	0,312
CHR6	2E+07	CHR6:19751878	SSF x Far_LoA	-8,3644654	0,048	0,314
CHR6	2E+07	CHR6:19756999	SSF x Far_LoA	-11,4807655	0,041	0,300
CHR6	2E+07	CHR6:19770767	SSF x Far_LoA	-9,85175479	0,075	0,300
CHR6	2E+07	CHR6:19776907	SSF x Far_LoA	-10,9889324	0,058	0,317
CHR6	2E+07	CHR6:19777529	SSF x Far_LoA	-8,72373854	0,047	0,306
CHR6	2E+07	CHR6:19778663	SSF x Far_LoA	-10,1619093	0,049	0,300
CHR6	2E+07	CHR6:19782732	SSF x Far_LoA	-8,17686293	0,096	0,295
CHR6	2E+07	CHR6:19782755	SSF x Far_LoA	-8,28971944	0,148	0,287
CHR6	2E+07	CHR6:19782781	SSF x Far_LoA	-9,93792878	0,022	0,311
CHR6	2E+07	CHR6:19782790	SSF x Far_LoA	-8,18754919	0,072	0,316
CHR6	2E+07	CHR6:19782802	SSF x Far_LoA	-11,4457837	0,068	0,288
CHR6	2E+07	CHR6:19805705	SSF x Far_LoA	-9,3449095	0,018	0,299
CHR6	2E+07	CHR6:19805890	SSF x Far_LoA	-8,93964027	-0,013	0,316
CHR6	2E+07	CHR6:19805910	SSF x Far_LoA	-10,7889174	-0,103	0,302
CHR6	2E+07	CHR6:19805915	SSF x Far_LoA	-7,6162193	-0,087	0,308
CHR6	2E+07	CHR6:19805926	SSF x Far_LoA	-11,3767939	0,001	0,309
CHR6	2E+07	CHR6:19805935	SSF x Far_LoA	-10,5707318	-0,115	0,316
CHR6	2E+07	CHR6:19813734	SSF x Far_LoA	-12,1268104	-0,023	0,301
CHR6	2E+07	CHR6:19813811	SSF x Far_LoA	-10,6041543	0,013	0,310
CHR6	1981860	CHR6:1981860	SSF x Far_LoA	-9,34226119	0,040	0,300
CHR6	2E+07	CHR6:19818732	SSF x Far_LoA	-7,29462521	-0,067	0,311
CHR6	2E+07	CHR6:19819379	SSF x Far_LoA	-8,84093546	-0,039	0,312
CHR6	2E+07	CHR6:19819559	SSF x Far_LoA	-11,7035414	-0,039	0,309
CHR6	2E+07	CHR6:19819563	SSF x Far_LoA	-7,3498782	-0,074	0,317
CHR6	1981975	CHR6:1981975	SSF x Far_LoA	-7,86921589	-0,077	0,312
CHR6	1982000	CHR6:1982000	SSF x Far_LoA	-9,2675734	0,055	0,312
CHR6	1982039	CHR6:1982039	SSF x Far_LoA	-6,55418135	0,073	0,303
CHR6	198231	CHR6:198231	SSF x Far_LoA	-8,98993926	0,047	0,307
CHR6	2E+07	CHR6:19824811	SSF x Far_LoA	-9,20009686	0,006	0,305
CHR6	2E+07	CHR6:19824812	SSF x Far_LoA	-11,9328619	0,007	0,312
CHR6	2E+07	CHR6:19824818	SSF x Far_LoA	-12,7970109	0,019	0,302
CHR6	2E+07	CHR6:19824823	SSF x Far_LoA	-9,58210845	0,037	0,315

CHR6	2E+07	CHR6:19824830	SSF x Far_LoA	-8,16907692	0,042	0,314
CHR6	2E+07	CHR6:19824850	SSF x Far_LoA	-9,57061871	0,025	0,297
CHR6	2E+07	CHR6:19824855	SSF x Far_LoA	-9,16265029	0,029	0,325
CHR6	2E+07	CHR6:19824858	SSF x Far_LoA	-10,2674994	-0,054	0,325
CHR6	2E+07	CHR6:19824873	SSF x Far_LoA	-10,1223038	0,023	0,300
CHR6	2E+07	CHR6:19824876	SSF x Far_LoA	-9,95947546	-0,030	0,322
CHR6	2E+07	CHR6:19824877	SSF x Far_LoA	-11,6586839	-0,064	0,296
CHR6	2E+07	CHR6:19824879	SSF x Far_LoA	-9,88930456	-0,053	0,315
CHR6	2E+07	CHR6:19824908	SSF x Far_LoA	-11,8853074	-0,032	0,299
CHR6	2E+07	CHR6:19829991	SSF x Far_LoA	-8,18719616	0,092	0,303
CHR6	2E+07	CHR6:19836853	SSF x Far_LoA	-9,97923646	-0,031	0,298
CHR6	2E+07	CHR6:19836862	SSF x Far_LoA	-9,54712181	0,061	0,309
CHR6	2E+07	CHR6:19836902	SSF x Far_LoA	-9,65726918	0,044	0,298
CHR6	2E+07	CHR6:19862966	SSF x Far_LoA	-7,48593848	-0,035	0,327
CHR6	2E+07	CHR6:19881813	SSF x Far_LoA	-12,1516914	-0,036	0,313
CHR6	2E+07	CHR6:19889136	SSF x Far_LoA	-10,1159914	0,036	0,314
CHR6	2E+07	CHR6:19890003	SSF x Far_LoA	-8,41447677	-0,178	0,313
CHR6	2E+07	CHR6:19896920	SSF x Far_LoA	-9,18931014	0,020	0,314
CHR6	2E+07	CHR6:19899061	SSF x Far_LoA	-10,5844945	0,043	0,303
CHR6	2E+07	CHR6:19899111	SSF x Far_LoA	-8,59175325	-0,084	0,310
CHR6	2E+07	CHR6:19899141	SSF x Far_LoA	-9,45351895	-0,116	0,309
CHR6	2E+07	CHR6:19899160	SSF x Far_LoA	-9,03825687	-0,062	0,307
CHR6	2E+07	CHR6:19899165	SSF x Far_LoA	-8,43707833	-0,079	0,305
CHR6	2E+07	CHR6:19899242	SSF x Far_LoA	-8,36880726	0,071	0,299
CHR6	2E+07	CHR6:19899257	SSF x Far_LoA	-8,06889313	0,029	0,301
CHR6	2E+07	CHR6:19899261	SSF x Far_LoA	-9,57401262	-0,004	0,303
CHR6	2E+07	CHR6:19899289	SSF x Far_LoA	-8,25707179	-0,024	0,281
CHR6	2E+07	CHR6:19902611	SSF x Far_LoA	-10,6729129	-0,005	0,307
CHR6	2E+07	CHR6:19902699	SSF x Far_LoA	-10,7840391	0,012	0,293
CHR6	2E+07	CHR6:19902737	SSF x Far_LoA	-10,5591535	0,068	0,301
CHR6	2E+07	CHR6:19913719	SSF x Far_LoA	-8,83055413	0,089	0,307
CHR6	2E+07	CHR6:19915631	SSF x Far_LoA	-7,80323704	0,002	0,304
CHR6	2E+07	CHR6:19915752	SSF x Far_LoA	-11,2243299	-0,045	0,307
CHR6	2E+07	CHR6:19920617	SSF x Far_LoA	-9,75820207	-0,096	0,301
CHR6	2E+07	CHR6:19920666	SSF x Far_LoA	-11,2500643	0,005	0,306
CHR6	2E+07	CHR6:19920677	SSF x Far_LoA	-12,2433977	0,002	0,294
CHR6	2E+07	CHR6:19920678	SSF x Far_LoA	-11,1416062	0,009	0,302
CHR6	2E+07	CHR6:19920725	SSF x Far_LoA	-10,0606167	-0,022	0,295
CHR6	2E+07	CHR6:19920782	SSF x Far_LoA	-11,06347	-0,041	0,304
CHR6	2E+07	CHR6:19920783	SSF x Far_LoA	-11,7035127	-0,007	0,296
CHR6	2E+07	CHR6:19920784	SSF x Far_LoA	-11,0328591	-0,015	0,303
CHR6	2E+07	CHR6:19920785	SSF x Far_LoA	-10,9595261	-0,010	0,290
CHR6	2E+07	CHR6:19920829	SSF x Far_LoA	-8,11441092	-0,082	0,310
CHR6	2E+07	CHR6:19924138	SSF x Far_LoA	-7,08317459	-0,200	0,311
CHR6	2E+07	CHR6:19924142	SSF x Far_LoA	-9,5900255	-0,173	0,299
CHR6	2E+07	CHR6:19924238	SSF x Far_LoA	-6,49583067	0,087	0,301
CHR6	2E+07	CHR6:19924264	SSF x Far_LoA	-9,86999149	-0,125	0,294
CHR6	2E+07	CHR6:19924279	SSF x Far_LoA	-8,24118518	0,074	0,311
CHR6	2E+07	CHR6:19924281	SSF x Far_LoA	-8,12069282	0,090	0,310
CHR6	2E+07	CHR6:19924286	SSF x Far_LoA	-8,90109494	0,075	0,312
CHR6	2E+07	CHR6:19935767	SSF x Far_LoA	-10,4800069	-0,045	0,295
CHR6	2E+07	CHR6:19935787	SSF x Far_LoA	-9,65065536	-0,028	0,310
CHR6	2E+07	CHR6:19935824	SSF x Far_LoA	-10,1732181	0,003	0,306

CHR6	2E+07	CHR6:19935831	SSF x Far_LoA	-9,94947616	0,037	0,317
CHR6	2E+07	CHR6:19935833	SSF x Far_LoA	-9,12564372	0,018	0,313
CHR6	2E+07	CHR6:19935864	SSF x Far_LoA	-8,76599728	0,044	0,312
CHR6	2E+07	CHR6:19935904	SSF x Far_LoA	-10,5499967	-0,034	0,298
CHR6	2E+07	CHR6:19935913	SSF x Far_LoA	-10,6860266	0,003	0,303
CHR6	2E+07	CHR6:19935915	SSF x Far_LoA	-10,3825113	-0,019	0,309
CHR6	2E+07	CHR6:19935923	SSF x Far_LoA	-7,51182904	0,086	0,295
CHR6	2E+07	CHR6:19935944	SSF x Far_LoA	-8,18040961	0,056	0,301
CHR6	2E+07	CHR6:19948964	SSF x Far_LoA	-8,93384948	-0,010	0,310
CHR6	2E+07	CHR6:19948991	SSF x Far_LoA	-9,51379774	0,054	0,314
CHR6	2E+07	CHR6:19948995	SSF x Far_LoA	-8,56980098	-0,109	0,307
CHR6	2E+07	CHR6:19953093	SSF x Far_LoA	-9,57987952	0,031	0,303
CHR6	2E+07	CHR6:19953103	SSF x Far_LoA	-10,3937466	-0,015	0,297
CHR6	2E+07	CHR6:19955602	SSF x Far_LoA	-8,69091566	0,022	0,306
CHR6	2E+07	CHR6:19955744	SSF x Far_LoA	-10,3894033	-0,078	0,313
CHR6	2E+07	CHR6:19960416	SSF x Far_LoA	-9,26289176	0,060	0,305
CHR6	2E+07	CHR6:19960516	SSF x Far_LoA	-8,52057516	0,081	0,307
CHR6	1996489	CHR6:1996489	SSF x Far_LoA	-9,41347915	-0,107	0,315
CHR6	2E+07	CHR6:19968833	SSF x Far_LoA	-8,6734171	-0,062	0,314
CHR6	2E+07	CHR6:19968834	SSF x Far_LoA	-10,2372571	-0,043	0,305
CHR6	2E+07	CHR6:19968895	SSF x Far_LoA	-5,94465876	0,022	0,334
CHR6	2E+07	CHR6:19968910	SSF x Far_LoA	-10,5845289	0,049	0,304
CHR6	2E+07	CHR6:19968928	SSF x Far_LoA	-9,27317046	-0,006	0,319
CHR6	2E+07	CHR6:19968940	SSF x Far_LoA	-8,15580234	-0,112	0,294
CHR6	2E+07	CHR6:19968953	SSF x Far_LoA	-9,6441443	-0,036	0,314
CHR6	2E+07	CHR6:19968986	SSF x Far_LoA	-7,70528944	-0,060	0,298
CHR6	2E+07	CHR6:19973652	SSF x Far_LoA	-7,93128658	0,040	0,315
CHR6	2E+07	CHR6:19973692	SSF x Far_LoA	-8,59096467	0,060	0,310
CHR6	2E+07	CHR6:19992006	SSF x Far_LoA	-11,5230064	-0,001	0,307
CHR6	2E+07	CHR6:19992051	SSF x Far_LoA	-9,42343537	-0,010	0,303
CHR6	2E+07	CHR6:19992265	SSF x Far_LoA	-11,3423352	-0,021	0,295
CHR6	2E+07	CHR6:19997191	SSF x Far_LoA	-9,13502467	0,154	0,297
CHR6	2E+07	CHR6:19997244	SSF x Far_LoA	-10,3982179	-0,019	0,318
CHR6	2E+07	CHR6:19998464	SSF x Far_LoA	-8,90587424	-0,018	0,316
CHR6	2E+07	CHR6:19998469	SSF x Far_LoA	-9,35199771	0,078	0,290
CHR6	2E+07	CHR6:19998472	SSF x Far_LoA	-9,70006604	0,077	0,295
CHR6	2E+07	CHR6:19998581	SSF x Far_LoA	-11,0677451	-0,081	0,306
CHR6	2E+07	CHR6:19998591	SSF x Far_LoA	-10,1736154	0,102	0,308
CHR6	2E+07	CHR6:19998610	SSF x Far_LoA	-11,7733109	0,079	0,305
CHR6	2000045	CHR6:2000045	SSF x Far_LoA	-11,8306702	0,046	0,305
CHR6	2000052	CHR6:2000052	SSF x Far_LoA	-9,98552631	-0,085	0,317
CHR6	2E+07	CHR6:20006309	SSF x Far_LoA	0,16897178	0,183	0,305
CHR6	2E+07	CHR6:20006524	SSF x Far_LoA	-9,05333243	0,091	0,298
CHR6	2E+07	CHR6:20006609	SSF x Far_LoA	-10,6339666	-0,012	0,314
CHR6	2001394	CHR6:2001394	SSF x Far_LoA	-7,78120018	-0,195	0,298
CHR6	2E+07	CHR6:20015253	SSF x Far_LoA	-9,08044524	0,128	0,313
CHR6	2E+07	CHR6:20015254	SSF x Far_LoA	-8,47998446	0,077	0,312
CHR6	2E+07	CHR6:20015266	SSF x Far_LoA	-7,34052362	-0,014	0,299
CHR6	2E+07	CHR6:20015304	SSF x Far_LoA	-9,4534784	0,084	0,338
CHR6	2E+07	CHR6:20015309	SSF x Far_LoA	-9,75364491	0,064	0,321
CHR6	2E+07	CHR6:20015319	SSF x Far_LoA	-7,42211512	0,042	0,317
CHR6	2E+07	CHR6:20015323	SSF x Far_LoA	-9,25642351	0,023	0,304
CHR6	2E+07	CHR6:20015324	SSF x Far_LoA	-8,19555111	-0,018	0,316

CHR6	2E+07	CHR6:20015395	SSF x Far_LoA	-10,1646803	0,054	0,304
CHR6	2E+07	CHR6:20015405	SSF x Far_LoA	-10,9803429	0,023	0,319
CHR6	2E+07	CHR6:20015440	SSF x Far_LoA	-11,1876084	-0,045	0,300
CHR6	2E+07	CHR6:20015451	SSF x Far_LoA	-9,61345399	-0,044	0,317
CHR6	2E+07	CHR6:20016999	SSF x Far_LoA	-7,70101695	-0,005	0,300
CHR6	2E+07	CHR6:20017048	SSF x Far_LoA	-9,88309047	0,108	0,288
CHR6	2E+07	CHR6:20017049	SSF x Far_LoA	-9,26481747	0,116	0,291
CHR6	2E+07	CHR6:20017052	SSF x Far_LoA	-8,7941104	0,113	0,276
CHR6	2E+07	CHR6:20017056	SSF x Far_LoA	-10,371921	-0,109	0,301
CHR6	2E+07	CHR6:20017089	SSF x Far_LoA	-6,45735891	0,105	0,288
CHR6	2E+07	CHR6:20017100	SSF x Far_LoA	-11,0714788	-0,034	0,308
CHR6	2E+07	CHR6:20021407	SSF x Far_LoA	-9,83421965	-0,004	0,308
CHR6	2E+07	CHR6:20021418	SSF x Far_LoA	-10,6872734	0,021	0,314
CHR6	2E+07	CHR6:20021424	SSF x Far_LoA	-10,7570448	0,019	0,303
CHR6	2E+07	CHR6:20021497	SSF x Far_LoA	-9,04892167	-0,038	0,313
CHR6	2E+07	CHR6:20021519	SSF x Far_LoA	-11,8451588	0,050	0,297
CHR6	2E+07	CHR6:20021558	SSF x Far_LoA	-5,89072146	-0,171	0,297
CHR6	2E+07	CHR6:20021585	SSF x Far_LoA	-9,92766865	0,093	0,300
CHR6	2E+07	CHR6:20024219	SSF x Far_LoA	-7,98746681	-0,060	0,326
CHR6	2E+07	CHR6:20028979	SSF x Far_LoA	-9,25156176	-0,094	0,304
CHR6	2E+07	CHR6:20029030	SSF x Far_LoA	-9,68401246	-0,129	0,299
CHR6	2E+07	CHR6:20029113	SSF x Far_LoA	-10,6857759	-0,007	0,312
CHR6	2E+07	CHR6:20038682	SSF x Far_LoA	-10,9791145	-0,033	0,309
CHR6	2E+07	CHR6:20038735	SSF x Far_LoA	-7,0226401	0,041	0,308
CHR6	2E+07	CHR6:20038739	SSF x Far_LoA	-8,95444087	0,080	0,302
CHR6	2E+07	CHR6:20038757	SSF x Far_LoA	-10,6189689	-0,044	0,302
CHR6	2E+07	CHR6:20038764	SSF x Far_LoA	-12,0876967	-0,057	0,297
CHR6	2E+07	CHR6:20038797	SSF x Far_LoA	-10,562292	-0,068	0,305
CHR6	2E+07	CHR6:20038798	SSF x Far_LoA	-8,67821129	0,058	0,323
CHR6	2E+07	CHR6:20053362	SSF x Far_LoA	-10,1443904	0,092	0,303
CHR6	2E+07	CHR6:20075246	SSF x Far_LoA	-8,85041339	-0,038	0,298
CHR6	2E+07	CHR6:20075295	SSF x Far_LoA	-8,2595468	-0,154	0,294
CHR6	2E+07	CHR6:20075309	SSF x Far_LoA	-10,1752474	0,084	0,303
CHR6	2E+07	CHR6:20075367	SSF x Far_LoA	-7,55091634	-0,038	0,302
CHR6	2E+07	CHR6:20081603	SSF x Far_LoA	-11,3424636	0,025	0,300
CHR6	2E+07	CHR6:20081604	SSF x Far_LoA	-10,9632058	0,080	0,305
CHR6	2E+07	CHR6:20081628	SSF x Far_LoA	-9,60313869	0,066	0,288
CHR6	2E+07	CHR6:20089118	SSF x Far_LoA	-8,80864173	-0,070	0,299
CHR6	2E+07	CHR6:20089132	SSF x Far_LoA	-8,50683045	-0,032	0,313
CHR6	2E+07	CHR6:20089145	SSF x Far_LoA	-10,1413809	0,021	0,296
CHR6	2E+07	CHR6:20089200	SSF x Far_LoA	-8,70278615	-0,021	0,323
CHR6	2009341	CHR6:2009341	SSF x Far_LoA	-6,67594774	0,170	0,301
CHR6	2009373	CHR6:2009373	SSF x Far_LoA	-1,22383898	-0,133	0,296
CHR6	2009434	CHR6:2009434	SSF x Far_LoA	-10,7931253	0,075	0,308
CHR6	2009450	CHR6:2009450	SSF x Far_LoA	-9,08395683	0,106	0,308
CHR6	2E+07	CHR6:20097347	SSF x Far_LoA	-8,38210746	0,074	0,291
CHR6	2E+07	CHR6:20097369	SSF x Far_LoA	-9,21072349	0,068	0,309
CHR6	2011457	CHR6:2011457	SSF x Far_LoA	-8,32124303	0,123	0,304
CHR6	2011536	CHR6:2011536	SSF x Far_LoA	-11,167631	-0,009	0,308
CHR6	2011560	CHR6:2011560	SSF x Far_LoA	-10,801548	-0,008	0,304
CHR6	2E+07	CHR6:20121197	SSF x Far_LoA	-10,0404135	-0,090	0,315
CHR6	2E+07	CHR6:20125488	SSF x Far_LoA	-8,68484279	0,125	0,308
CHR6	2E+07	CHR6:20127790	SSF x Far_LoA	-9,86029	0,085	0,297

CHR6	2E+07	CHR6:20127871	SSF x Far_LoA	-8,90485916	-0,159	0,298
CHR6	2E+07	CHR6:20130445	SSF x Far_LoA	-7,9297067	0,071	0,299
CHR6	2E+07	CHR6:20130476	SSF x Far_LoA	-7,22488552	0,141	0,297
CHR6	2E+07	CHR6:20131131	SSF x Far_LoA	-4,34523869	0,145	0,311
CHR6	2E+07	CHR6:20131229	SSF x Far_LoA	-6,85457219	-0,146	0,283
CHR6	2E+07	CHR6:20134022	SSF x Far_LoA	-10,634641	0,080	0,296
CHR6	2E+07	CHR6:20139020	SSF x Far_LoA	-8,02637381	0,081	0,316
CHR6	2E+07	CHR6:20139040	SSF x Far_LoA	-6,40954877	0,094	0,307
CHR6	2E+07	CHR6:20139051	SSF x Far_LoA	1,64031748	0,074	0,319
CHR6	2E+07	CHR6:20139135	SSF x Far_LoA	-9,55552575	0,000	0,315
CHR6	2E+07	CHR6:20146570	SSF x Far_LoA	-8,88780178	0,051	0,301
CHR6	2E+07	CHR6:20146578	SSF x Far_LoA	-8,16432914	-0,166	0,303
CHR6	2E+07	CHR6:20146592	SSF x Far_LoA	-8,64899657	0,011	0,315
CHR6	2E+07	CHR6:20146761	SSF x Far_LoA	-7,79880598	0,212	0,286
CHR6	2E+07	CHR6:20149782	SSF x Far_LoA	-9,35542377	-0,089	0,305
CHR6	2E+07	CHR6:20149834	SSF x Far_LoA	-5,50386488	0,049	0,316
CHR6	2E+07	CHR6:20149863	SSF x Far_LoA	-7,67017359	-0,028	0,308
CHR6	2015327	CHR6:2015327	SSF x Far_LoA	-10,3835639	-0,054	0,299
CHR6	2E+07	CHR6:20168487	SSF x Far_LoA	-9,93540432	-0,053	0,315
CHR6	2E+07	CHR6:20168511	SSF x Far_LoA	-11,7173937	-0,056	0,305
CHR6	2E+07	CHR6:20168552	SSF x Far_LoA	-6,47789374	0,159	0,296
CHR6	2E+07	CHR6:20171023	SSF x Far_LoA	-10,5410685	-0,148	0,290
CHR6	2E+07	CHR6:20171040	SSF x Far_LoA	-9,8505647	-0,081	0,298
CHR6	2E+07	CHR6:20185157	SSF x Far_LoA	-8,85676287	-0,029	0,302
CHR6	2E+07	CHR6:20185248	SSF x Far_LoA	-10,1323545	0,142	0,287
CHR6	2E+07	CHR6:20185249	SSF x Far_LoA	-10,1042906	0,141	0,300
CHR6	2E+07	CHR6:20185251	SSF x Far_LoA	-11,3860507	0,117	0,295
CHR6	2E+07	CHR6:20185320	SSF x Far_LoA	-10,7447877	0,062	0,307
CHR6	2E+07	CHR6:20197594	SSF x Far_LoA	-7,87866923	-0,014	0,317
CHR6	2E+07	CHR6:20197595	SSF x Far_LoA	-11,5118912	-0,087	0,308
CHR6	2E+07	CHR6:20214215	SSF x Far_LoA	-9,99287416	-0,052	0,299
CHR6	2E+07	CHR6:20224695	SSF x Far_LoA	-8,7658084	0,080	0,308
CHR6	2E+07	CHR6:20224699	SSF x Far_LoA	-10,2397548	-0,007	0,306
CHR6	2E+07	CHR6:20224727	SSF x Far_LoA	-8,46660113	-0,039	0,317
CHR6	2E+07	CHR6:20224811	SSF x Far_LoA	-11,2749131	0,072	0,300
CHR6	2E+07	CHR6:20224866	SSF x Far_LoA	-11,8148204	0,006	0,309
CHR6	2E+07	CHR6:20224886	SSF x Far_LoA	-10,5695833	-0,037	0,306
CHR6	2E+07	CHR6:20224892	SSF x Far_LoA	-11,4478796	-0,051	0,305
CHR6	2E+07	CHR6:20227672	SSF x Far_LoA	-10,3001027	0,055	0,324
CHR6	2E+07	CHR6:20237486	SSF x Far_LoA	-9,3157046	0,068	0,289
CHR6	2E+07	CHR6:20237499	SSF x Far_LoA	-9,30001795	-0,052	0,298
CHR6	2E+07	CHR6:20237525	SSF x Far_LoA	-8,06717021	0,112	0,297
CHR6	2E+07	CHR6:20237579	SSF x Far_LoA	-10,541499	0,099	0,292
CHR6	2024393	CHR6:2024393	SSF x Far_LoA	-10,2008568	0,019	0,316
CHR6	2E+07	CHR6:20247462	SSF x Far_LoA	-7,09499362	0,108	0,300
CHR6	2E+07	CHR6:20247485	SSF x Far_LoA	-9,80540914	0,019	0,295
CHR6	2E+07	CHR6:20247486	SSF x Far_LoA	-9,49100917	0,078	0,292
CHR6	2E+07	CHR6:20247532	SSF x Far_LoA	-7,27713622	-0,111	0,308
CHR6	2E+07	CHR6:20257116	SSF x Far_LoA	-8,9180997	-0,034	0,314
CHR6	2E+07	CHR6:20257161	SSF x Far_LoA	-11,1785841	-0,083	0,300
CHR6	2E+07	CHR6:20278331	SSF x Far_LoA	-10,418619	-0,010	0,316
CHR6	2E+07	CHR6:20278345	SSF x Far_LoA	-11,0808726	-0,023	0,297
CHR6	2E+07	CHR6:20278378	SSF x Far_LoA	-3,8100962	-0,070	0,316

CHR6	2E+07	CHR6:20278537	SSF x Far_LoA	-10,069911	-0,031	0,304
CHR6	2E+07	CHR6:20278607	SSF x Far_LoA	-9,81684128	-0,085	0,307
CHR6	2E+07	CHR6:20281467	SSF x Far_LoA	-12,1258547	0,009	0,302
CHR6	2E+07	CHR6:20281471	SSF x Far_LoA	-8,86166591	0,081	0,310
CHR6	2E+07	CHR6:20281472	SSF x Far_LoA	-8,0502579	0,060	0,312
CHR6	2E+07	CHR6:20281475	SSF x Far_LoA	-8,97623812	0,046	0,293
CHR6	2E+07	CHR6:20281511	SSF x Far_LoA	-10,215857	-0,069	0,296
CHR6	2E+07	CHR6:20281542	SSF x Far_LoA	-7,4704634	-0,172	0,311
CHR6	2E+07	CHR6:20281589	SSF x Far_LoA	-7,7433035	-0,098	0,312
CHR6	2E+07	CHR6:20281603	SSF x Far_LoA	-9,46097621	-0,010	0,323
CHR6	2E+07	CHR6:20281626	SSF x Far_LoA	-6,28514383	-0,085	0,308
CHR6	2E+07	CHR6:20288532	SSF x Far_LoA	-11,0180075	-0,059	0,305
CHR6	2E+07	CHR6:20294252	SSF x Far_LoA	-11,1297448	-0,101	0,296
CHR6	2E+07	CHR6:20294426	SSF x Far_LoA	-7,99976283	0,085	0,304
CHR6	2E+07	CHR6:20294430	SSF x Far_LoA	-6,61339148	0,087	0,305
CHR6	2E+07	CHR6:20294438	SSF x Far_LoA	-7,35219863	0,064	0,310
CHR6	2E+07	CHR6:20294466	SSF x Far_LoA	-9,39318389	0,061	0,306
CHR6	2E+07	CHR6:20294484	SSF x Far_LoA	-8,98913857	0,145	0,309
CHR6	2E+07	CHR6:20298527	SSF x Far_LoA	-9,09862762	0,104	0,308
CHR6	2E+07	CHR6:20298574	SSF x Far_LoA	-9,72401911	0,172	0,286
CHR6	2E+07	CHR6:20298600	SSF x Far_LoA	-8,91533173	-0,084	0,312
CHR6	2E+07	CHR6:20298605	SSF x Far_LoA	-9,80183983	-0,023	0,308
CHR6	2031842	CHR6:2031842	SSF x Far_LoA	-9,69559293	-0,015	0,315
CHR6	2031877	CHR6:2031877	SSF x Far_LoA	-10,9709909	0,001	0,312
CHR6	2031883	CHR6:2031883	SSF x Far_LoA	-9,12586799	-0,021	0,320
CHR6	2031885	CHR6:2031885	SSF x Far_LoA	-9,47039908	-0,002	0,316
CHR6	2031916	CHR6:2031916	SSF x Far_LoA	-7,50251642	-0,082	0,292
CHR6	2031969	CHR6:2031969	SSF x Far_LoA	-9,94880221	0,022	0,322
CHR6	2032009	CHR6:2032009	SSF x Far_LoA	-9,09000085	0,092	0,309
CHR6	2E+07	CHR6:20328276	SSF x Far_LoA	-9,75427677	0,023	0,317
CHR6	2E+07	CHR6:20349754	SSF x Far_LoA	-5,81596628	-0,126	0,287
CHR6	2E+07	CHR6:20350717	SSF x Far_LoA	-8,2876111	-0,087	0,299
CHR6	2E+07	CHR6:20350765	SSF x Far_LoA	-9,51854067	-0,097	0,309
CHR6	2E+07	CHR6:20364382	SSF x Far_LoA	-8,44497958	-0,038	0,303
CHR6	2E+07	CHR6:20379670	SSF x Far_LoA	-9,13726797	0,057	0,299
CHR6	2E+07	CHR6:20386558	SSF x Far_LoA	-9,61175112	-0,131	0,305
CHR6	2E+07	CHR6:20386641	SSF x Far_LoA	-9,29280194	0,087	0,308
CHR6	2E+07	CHR6:20389985	SSF x Far_LoA	-9,07062175	0,017	0,309
CHR6	2E+07	CHR6:20391135	SSF x Far_LoA	-7,91155663	-0,001	0,300
CHR6	2E+07	CHR6:20391453	SSF x Far_LoA	-8,40883777	-0,156	0,301
CHR6	2E+07	CHR6:20391454	SSF x Far_LoA	-9,37699091	0,038	0,301
CHR6	2E+07	CHR6:20391455	SSF x Far_LoA	-8,54958867	0,130	0,315
CHR6	2E+07	CHR6:20391472	SSF x Far_LoA	-10,3386675	-0,012	0,301
CHR6	2E+07	CHR6:20400871	SSF x Far_LoA	-9,63058937	-0,023	0,308
CHR6	2E+07	CHR6:20400893	SSF x Far_LoA	-8,47425375	-0,148	0,317
CHR6	2E+07	CHR6:20400932	SSF x Far_LoA	-10,0636534	-0,054	0,298
CHR6	2E+07	CHR6:20400933	SSF x Far_LoA	-9,12860189	-0,026	0,326
CHR6	2E+07	CHR6:20400951	SSF x Far_LoA	-6,94176359	-0,121	0,327
CHR6	2E+07	CHR6:20401015	SSF x Far_LoA	-8,61990505	-0,031	0,313
CHR6	2E+07	CHR6:20401036	SSF x Far_LoA	-11,4147262	0,041	0,299
CHR6	2E+07	CHR6:20405178	SSF x Far_LoA	-10,9866878	0,024	0,300
CHR6	2041202	CHR6:2041202	SSF x Far_LoA	-4,15490905	0,059	0,293
CHR6	2E+07	CHR6:20421278	SSF x Far_LoA	-4,14406581	-0,135	0,306

CHR6	2E+07	CHR6:20425002	SSF x Far_LoA	-8,23888667	0,127	0,298
CHR6	2E+07	CHR6:20425030	SSF x Far_LoA	-10,0862199	-0,054	0,299
CHR6	2E+07	CHR6:20429835	SSF x Far_LoA	-8,45811984	-0,145	0,309
CHR6	2E+07	CHR6:20441838	SSF x Far_LoA	-9,30306375	0,042	0,294
CHR6	2E+07	CHR6:20443883	SSF x Far_LoA	-9,42858417	0,060	0,303
CHR6	2E+07	CHR6:20467562	SSF x Far_LoA	-9,69391959	-0,057	0,301
CHR6	2E+07	CHR6:20481485	SSF x Far_LoA	-9,21933793	0,020	0,312
CHR6	20523210	CHR6:20523210	SSF x Far_LoA	-11,333048	-0,084	0,295
CHR6	20523310	CHR6:20523310	SSF x Far_LoA	-10,418766	-0,036	0,312
CHR6	20533472	CHR6:20533472	SSF x Far_LoA	-11,0007432	-0,057	0,304
CHR6	20533546	CHR6:20533546	SSF x Far_LoA	-4,77093309	0,259	0,280
CHR6	20533617	CHR6:20533617	SSF x Far_LoA	-3,88189198	0,190	0,301
CHR6	20534999	CHR6:20534999	SSF x Far_LoA	-7,79162336	0,146	0,293
CHR6	20535046	CHR6:20535046	SSF x Far_LoA	-8,0235842	-0,117	0,301
CHR6	20535146	CHR6:20535146	SSF x Far_LoA	-8,49182728	0,147	0,302
CHR6	20538929	CHR6:20538929	SSF x Far_LoA	-8,97781751	0,085	0,306
CHR6	20540436	CHR6:20540436	SSF x Far_LoA	-8,48888428	-0,040	0,295
CHR6	20572786	CHR6:20572786	SSF x Far_LoA	-12,4256373	0,030	0,304
CHR6	20572915	CHR6:20572915	SSF x Far_LoA	-10,037211	-0,014	0,315
CHR6	20572944	CHR6:20572944	SSF x Far_LoA	-11,4864597	0,084	0,308
CHR6	20585333	CHR6:20585333	SSF x Far_LoA	-4,56676218	0,193	0,304
CHR6	20585559	CHR6:20585559	SSF x Far_LoA	-7,23919337	0,140	0,290
CHR6	20593683	CHR6:20593683	SSF x Far_LoA	-8,67277189	0,149	0,307
CHR6	20593720	CHR6:20593720	SSF x Far_LoA	-8,83016266	-0,114	0,300
CHR6	20593747	CHR6:20593747	SSF x Far_LoA	-9,5528828	-0,020	0,307
CHR6	20593766	CHR6:20593766	SSF x Far_LoA	-8,83934579	-0,045	0,304
CHR6	20593839	CHR6:20593839	SSF x Far_LoA	-9,27478443	0,040	0,305
CHR6	20601348	CHR6:20601348	SSF x Far_LoA	-7,97902826	0,088	0,307
CHR6	20601566	CHR6:20601566	SSF x Far_LoA	-10,7328723	0,005	0,314
CHR6	20603687	CHR6:20603687	SSF x Far_LoA	-8,62034472	-0,018	0,301
CHR6	20603709	CHR6:20603709	SSF x Far_LoA	-5,96157459	-0,055	0,297
CHR6	20603730	CHR6:20603730	SSF x Far_LoA	-9,10651278	-0,054	0,289
CHR6	20603732	CHR6:20603732	SSF x Far_LoA	-8,76270854	-0,019	0,286
CHR6	20603736	CHR6:20603736	SSF x Far_LoA	-8,87745338	-0,054	0,305
CHR6	20603746	CHR6:20603746	SSF x Far_LoA	-8,76741248	-0,054	0,309
CHR6	20603805	CHR6:20603805	SSF x Far_LoA	-9,14899107	-0,059	0,291
CHR6	20603806	CHR6:20603806	SSF x Far_LoA	-10,8303668	-0,010	0,307
CHR6	20605442	CHR6:20605442	SSF x Far_LoA	-9,83567579	-0,083	0,302
CHR6	20605616	CHR6:20605616	SSF x Far_LoA	-9,6156575	-0,003	0,290
CHR6	20622231	CHR6:20622231	SSF x Far_LoA	-8,13087878	-0,039	0,317
CHR6	20622238	CHR6:20622238	SSF x Far_LoA	-9,54737389	-0,027	0,314
CHR6	20622299	CHR6:20622299	SSF x Far_LoA	-10,7012245	0,028	0,308
CHR6	20622421	CHR6:20622421	SSF x Far_LoA	-8,4685315	-0,030	0,317
CHR6	20622424	CHR6:20622424	SSF x Far_LoA	-8,0899674	-0,053	0,312
CHR6	20622431	CHR6:20622431	SSF x Far_LoA	-7,85613273	-0,066	0,317
CHR6	20622446	CHR6:20622446	SSF x Far_LoA	-10,6196061	-0,130	0,298
CHR6	20631119	CHR6:20631119	SSF x Far_LoA	2,14633939	0,148	0,289
CHR6	20638687	CHR6:20638687	SSF x Far_LoA	-10,1114104	-0,082	0,274
CHR6	20638698	CHR6:20638698	SSF x Far_LoA	-10,0397898	-0,002	0,312
CHR6	20638739	CHR6:20638739	SSF x Far_LoA	-10,7902036	0,063	0,304
CHR6	20638744	CHR6:20638744	SSF x Far_LoA	-8,87942625	0,042	0,308
CHR6	20638792	CHR6:20638792	SSF x Far_LoA	-9,76292236	0,059	0,311
CHR6	20638841	CHR6:20638841	SSF x Far_LoA	-8,45653758	0,089	0,313

CHR6	20638858	CHR6:20638858	SSF x Far_LoA	-8,56083833	0,096	0,299
CHR6	20638869	CHR6:20638869	SSF x Far_LoA	-9,08063756	0,142	0,307
CHR6	20638949	CHR6:20638949	SSF x Far_LoA	-6,14603017	-0,112	0,301
CHR6	20646374	CHR6:20646374	SSF x Far_LoA	-10,0756956	-0,125	0,291
CHR6	20646433	CHR6:20646433	SSF x Far_LoA	-8,03713824	-0,097	0,307
CHR6	20646469	CHR6:20646469	SSF x Far_LoA	-9,32664398	-0,050	0,311
CHR6	20653909	CHR6:20653909	SSF x Far_LoA	-7,43836537	-0,011	0,315
CHR6	20653920	CHR6:20653920	SSF x Far_LoA	-8,14092096	-0,059	0,307
CHR6	20653985	CHR6:20653985	SSF x Far_LoA	-9,01227963	0,060	0,314
CHR6	20654949	CHR6:20654949	SSF x Far_LoA	-9,47006923	0,024	0,297
CHR6	20654974	CHR6:20654974	SSF x Far_LoA	-9,83512147	0,028	0,295
CHR6	20654977	CHR6:20654977	SSF x Far_LoA	-10,5149336	0,039	0,301
CHR6	20654983	CHR6:20654983	SSF x Far_LoA	-8,54719563	0,018	0,320
CHR6	20655043	CHR6:20655043	SSF x Far_LoA	-7,89703505	0,188	0,292
CHR6	20655050	CHR6:20655050	SSF x Far_LoA	-7,70311509	0,159	0,298
CHR6	20655064	CHR6:20655064	SSF x Far_LoA	-6,69770692	0,192	0,293
CHR6	20655098	CHR6:20655098	SSF x Far_LoA	-9,02556873	-0,057	0,316
CHR6	20655106	CHR6:20655106	SSF x Far_LoA	-7,42225658	0,032	0,315
CHR6	20663888	CHR6:20663888	SSF x Far_LoA	-10,408842	0,021	0,304
CHR6	20669232	CHR6:20669232	SSF x Far_LoA	-11,6847484	0,080	0,308
CHR6	20680645	CHR6:20680645	SSF x Far_LoA	-8,98573989	0,016	0,306
CHR6	20680823	CHR6:20680823	SSF x Far_LoA	-9,96617793	-0,038	0,305
CHR6	20680824	CHR6:20680824	SSF x Far_LoA	-9,93695541	-0,003	0,305
CHR6	20682249	CHR6:20682249	SSF x Far_LoA	-11,1117594	0,036	0,305
CHR6	20682309	CHR6:20682309	SSF x Far_LoA	-9,0658812	0,038	0,313
CHR6	20682344	CHR6:20682344	SSF x Far_LoA	-8,67882637	0,080	0,304
CHR6	20682351	CHR6:20682351	SSF x Far_LoA	-10,4103958	-0,141	0,291
CHR6	20697577	CHR6:20697577	SSF x Far_LoA	-9,0541249	0,047	0,296
CHR6	20697639	CHR6:20697639	SSF x Far_LoA	-10,758515	-0,026	0,298
CHR6	20697667	CHR6:20697667	SSF x Far_LoA	-8,4170246	0,065	0,307
CHR6	2070114	CHR6:2070114	SSF x Far_LoA	-8,75683018	-0,103	0,316
CHR6	20706522	CHR6:20706522	SSF x Far_LoA	-8,66283171	0,058	0,310
CHR6	20706573	CHR6:20706573	SSF x Far_LoA	-11,1650653	0,014	0,316
CHR6	20706591	CHR6:20706591	SSF x Far_LoA	-8,17431777	0,000	0,312
CHR6	20706597	CHR6:20706597	SSF x Far_LoA	-6,05108988	-0,020	0,309
CHR6	20706705	CHR6:20706705	SSF x Far_LoA	-10,6823533	-0,004	0,300
CHR6	20706769	CHR6:20706769	SSF x Far_LoA	-10,9925437	0,009	0,297
CHR6	20721527	CHR6:20721527	SSF x Far_LoA	-10,7835116	-0,127	0,313
CHR6	20721603	CHR6:20721603	SSF x Far_LoA	-8,63407867	0,081	0,302
CHR6	20727996	CHR6:20727996	SSF x Far_LoA	-6,1035364	-0,046	0,301
CHR6	20748426	CHR6:20748426	SSF x Far_LoA	-10,4625491	-0,070	0,305
CHR6	20748443	CHR6:20748443	SSF x Far_LoA	-10,4514608	0,085	0,307
CHR6	20753007	CHR6:20753007	SSF x Far_LoA	-9,07708862	0,096	0,302
CHR6	207594	CHR6:207594	SSF x Far_LoA	-6,54607433	0,234	0,289
CHR6	20763147	CHR6:20763147	SSF x Far_LoA	-8,58156313	-0,046	0,295
CHR6	207659	CHR6:207659	SSF x Far_LoA	-3,41300845	0,176	0,288
CHR6	20772254	CHR6:20772254	SSF x Far_LoA	-9,95237443	-0,020	0,325
CHR6	20772273	CHR6:20772273	SSF x Far_LoA	-1,22631435	0,120	0,314
CHR6	2077290	CHR6:2077290	SSF x Far_LoA	-7,92285084	-0,039	0,292
CHR6	2077407	CHR6:2077407	SSF x Far_LoA	-7,40722918	-0,058	0,311
CHR6	2077423	CHR6:2077423	SSF x Far_LoA	-9,32728515	0,056	0,298
CHR6	20781488	CHR6:20781488	SSF x Far_LoA	-9,18087537	-0,087	0,310
CHR6	20781635	CHR6:20781635	SSF x Far_LoA	-8,4627503	-0,103	0,300

CHR6	20781639	CHR6:20781639	SSF x Far_LoA	-9,64231282	0,042	0,315
CHR6	20790851	CHR6:20790851	SSF x Far_LoA	-10,6909607	-0,028	0,301
CHR6	20791115	CHR6:20791115	SSF x Far_LoA	-9,76681501	0,049	0,297
CHR6	20791327	CHR6:20791327	SSF x Far_LoA	-6,73300876	0,071	0,300
CHR6	2079324	CHR6:2079324	SSF x Far_LoA	-11,0233945	-0,002	0,299
CHR6	20800449	CHR6:20800449	SSF x Far_LoA	-9,78568458	0,102	0,304
CHR6	20800452	CHR6:20800452	SSF x Far_LoA	-8,81916563	0,177	0,294
CHR6	20800528	CHR6:20800528	SSF x Far_LoA	-7,99443755	0,082	0,307
CHR6	20801503	CHR6:20801503	SSF x Far_LoA	-8,4919962	-0,165	0,304
CHR6	20801515	CHR6:20801515	SSF x Far_LoA	-8,64869464	0,038	0,323
CHR6	20801518	CHR6:20801518	SSF x Far_LoA	-10,2458133	0,123	0,310
CHR6	20801523	CHR6:20801523	SSF x Far_LoA	-10,0945906	0,095	0,298
CHR6	20804847	CHR6:20804847	SSF x Far_LoA	-10,7912446	-0,038	0,310
CHR6	20813405	CHR6:20813405	SSF x Far_LoA	-8,80955542	-0,020	0,306
CHR6	20813455	CHR6:20813455	SSF x Far_LoA	-9,39810589	-0,030	0,311
CHR6	20813463	CHR6:20813463	SSF x Far_LoA	-9,33291126	0,077	0,297
CHR6	20813479	CHR6:20813479	SSF x Far_LoA	-9,50375399	-0,092	0,297
CHR6	20813513	CHR6:20813513	SSF x Far_LoA	-11,6087747	-0,035	0,296
CHR6	20817485	CHR6:20817485	SSF x Far_LoA	-9,99367294	0,002	0,310
CHR6	20819123	CHR6:20819123	SSF x Far_LoA	-11,9356721	0,011	0,315
CHR6	20819152	CHR6:20819152	SSF x Far_LoA	-6,98206195	-0,009	0,326
CHR6	20823927	CHR6:20823927	SSF x Far_LoA	-5,49433389	-0,006	0,298
CHR6	20823928	CHR6:20823928	SSF x Far_LoA	-9,71745539	-0,032	0,313
CHR6	20823945	CHR6:20823945	SSF x Far_LoA	-10,9456089	-0,098	0,311
CHR6	20826016	CHR6:20826016	SSF x Far_LoA	-8,46826838	-0,046	0,292
CHR6	20826252	CHR6:20826252	SSF x Far_LoA	-8,50999113	0,101	0,295
CHR6	20826324	CHR6:20826324	SSF x Far_LoA	-8,17362623	-0,060	0,314
CHR6	20826360	CHR6:20826360	SSF x Far_LoA	-12,7856275	0,028	0,303
CHR6	20832147	CHR6:20832147	SSF x Far_LoA	-9,91856705	0,102	0,304
CHR6	20832153	CHR6:20832153	SSF x Far_LoA	-7,43580057	-0,126	0,298
CHR6	20832163	CHR6:20832163	SSF x Far_LoA	-8,38171753	-0,050	0,307
CHR6	20832243	CHR6:20832243	SSF x Far_LoA	-10,6259078	0,069	0,304
CHR6	20832254	CHR6:20832254	SSF x Far_LoA	-9,56681897	-0,009	0,299
CHR6	20832272	CHR6:20832272	SSF x Far_LoA	-9,1930428	0,010	0,307
CHR6	20832292	CHR6:20832292	SSF x Far_LoA	-8,90249541	0,021	0,309
CHR6	20832310	CHR6:20832310	SSF x Far_LoA	-7,25554396	-0,076	0,316
CHR6	20836398	CHR6:20836398	SSF x Far_LoA	-8,63609223	-0,115	0,303
CHR6	20836425	CHR6:20836425	SSF x Far_LoA	-7,80477189	0,135	0,309
CHR6	20836478	CHR6:20836478	SSF x Far_LoA	-9,44113464	-0,081	0,300
CHR6	20836483	CHR6:20836483	SSF x Far_LoA	-10,3666221	-0,076	0,298
CHR6	20836486	CHR6:20836486	SSF x Far_LoA	-8,59280658	0,077	0,309
CHR6	20836533	CHR6:20836533	SSF x Far_LoA	-8,76152477	-0,111	0,315
CHR6	20843319	CHR6:20843319	SSF x Far_LoA	-9,07871467	-0,126	0,295
CHR6	20843398	CHR6:20843398	SSF x Far_LoA	-8,94126033	-0,057	0,308
CHR6	20843402	CHR6:20843402	SSF x Far_LoA	-11,1490447	-0,039	0,309
CHR6	20853810	CHR6:20853810	SSF x Far_LoA	-8,96032687	-0,088	0,314
CHR6	20854016	CHR6:20854016	SSF x Far_LoA	-7,46842525	-0,063	0,307
CHR6	20858240	CHR6:20858240	SSF x Far_LoA	-8,84137649	-0,018	0,307
CHR6	20858289	CHR6:20858289	SSF x Far_LoA	-7,79637849	-0,015	0,322
CHR6	20858307	CHR6:20858307	SSF x Far_LoA	-8,69655163	-0,054	0,312
CHR6	20858352	CHR6:20858352	SSF x Far_LoA	-11,3880782	0,117	0,291
CHR6	20858404	CHR6:20858404	SSF x Far_LoA	-12,1041344	0,003	0,309
CHR6	20860240	CHR6:20860240	SSF x Far_LoA	-6,55652821	-0,042	0,315

CHR6	20860287	CHR6:20860287	SSF x Far_LoA	-9,83765236	0,023	0,308
CHR6	20860715	CHR6:20860715	SSF x Far_LoA	-10,0360662	0,093	0,304
CHR6	20860721	CHR6:20860721	SSF x Far_LoA	-10,730844	0,018	0,305
CHR6	20863262	CHR6:20863262	SSF x Far_LoA	-7,16505328	0,120	0,307
CHR6	20870339	CHR6:20870339	SSF x Far_LoA	-7,39257728	-0,114	0,313
CHR6	20870385	CHR6:20870385	SSF x Far_LoA	-10,0190148	-0,096	0,296
CHR6	20870444	CHR6:20870444	SSF x Far_LoA	-10,2916451	-0,028	0,311
CHR6	20870479	CHR6:20870479	SSF x Far_LoA	-9,09487467	-0,016	0,302
CHR6	20870484	CHR6:20870484	SSF x Far_LoA	-10,5569815	0,024	0,295
CHR6	20874470	CHR6:20874470	SSF x Far_LoA	-3,16479764	-0,119	0,308
CHR6	20883430	CHR6:20883430	SSF x Far_LoA	-10,0831939	0,004	0,314
CHR6	20883433	CHR6:20883433	SSF x Far_LoA	-10,0153392	0,003	0,303
CHR6	20883468	CHR6:20883468	SSF x Far_LoA	-7,8423909	0,060	0,311
CHR6	20883558	CHR6:20883558	SSF x Far_LoA	-8,31928965	-0,060	0,326
CHR6	20883567	CHR6:20883567	SSF x Far_LoA	-11,0884296	-0,031	0,328
CHR6	20883586	CHR6:20883586	SSF x Far_LoA	-9,10217556	-0,016	0,312
CHR6	20883612	CHR6:20883612	SSF x Far_LoA	-10,1116192	-0,001	0,315
CHR6	20883650	CHR6:20883650	SSF x Far_LoA	-10,4693231	-0,011	0,301
CHR6	20883672	CHR6:20883672	SSF x Far_LoA	-10,0936652	-0,001	0,303
CHR6	20885508	CHR6:20885508	SSF x Far_LoA	-4,22698889	-0,029	0,309
CHR6	20885547	CHR6:20885547	SSF x Far_LoA	-8,52609743	0,056	0,305
CHR6	20885550	CHR6:20885550	SSF x Far_LoA	-10,1008817	-0,108	0,287
CHR6	20885551	CHR6:20885551	SSF x Far_LoA	-9,4413639	-0,099	0,289
CHR6	20885563	CHR6:20885563	SSF x Far_LoA	-11,4810856	-0,065	0,296
CHR6	20885679	CHR6:20885679	SSF x Far_LoA	-8,68206998	0,006	0,294
CHR6	20895412	CHR6:20895412	SSF x Far_LoA	-7,81518386	-0,036	0,307
CHR6	20900059	CHR6:20900059	SSF x Far_LoA	-7,91545438	-0,072	0,298
CHR6	20900359	CHR6:20900359	SSF x Far_LoA	-8,01101045	-0,117	0,303
CHR6	20901054	CHR6:20901054	SSF x Far_LoA	-11,4429086	0,030	0,300
CHR6	20901180	CHR6:20901180	SSF x Far_LoA	-11,2433867	-0,022	0,305
CHR6	20902938	CHR6:20902938	SSF x Far_LoA	-8,75178938	0,033	0,298
CHR6	20902945	CHR6:20902945	SSF x Far_LoA	-10,5603026	0,009	0,320
CHR6	20903043	CHR6:20903043	SSF x Far_LoA	-10,2593866	-0,090	0,313
CHR6	20913903	CHR6:20913903	SSF x Far_LoA	-9,52275668	-0,052	0,298
CHR6	20913992	CHR6:20913992	SSF x Far_LoA	-11,7735284	-0,062	0,288
CHR6	20914010	CHR6:20914010	SSF x Far_LoA	-10,5841329	-0,038	0,305
CHR6	20914020	CHR6:20914020	SSF x Far_LoA	-9,07551794	-0,021	0,308
CHR6	20914059	CHR6:20914059	SSF x Far_LoA	-8,69727586	0,010	0,306
CHR6	20914120	CHR6:20914120	SSF x Far_LoA	-6,45679925	0,060	0,314
CHR6	20914217	CHR6:20914217	SSF x Far_LoA	-8,76761426	-0,090	0,312
CHR6	20925189	CHR6:20925189	SSF x Far_LoA	-7,49623419	-0,057	0,309
CHR6	20933559	CHR6:20933559	SSF x Far_LoA	-6,55153027	0,034	0,310
CHR6	20933603	CHR6:20933603	SSF x Far_LoA	-10,2588016	-0,046	0,310
CHR6	20933608	CHR6:20933608	SSF x Far_LoA	-8,5424933	-0,061	0,304
CHR6	20935596	CHR6:20935596	SSF x Far_LoA	-8,74709071	-0,038	0,307
CHR6	20935619	CHR6:20935619	SSF x Far_LoA	-9,37998559	0,072	0,305
CHR6	20938204	CHR6:20938204	SSF x Far_LoA	-10,6582493	0,032	0,310
CHR6	20947770	CHR6:20947770	SSF x Far_LoA	-8,65497959	-0,084	0,324
CHR6	20947811	CHR6:20947811	SSF x Far_LoA	-10,0133948	-0,119	0,294
CHR6	20947828	CHR6:20947828	SSF x Far_LoA	-9,1856808	-0,075	0,309
CHR6	2094881	CHR6:2094881	SSF x Far_LoA	2,32343107	-0,096	0,305
CHR6	2094917	CHR6:2094917	SSF x Far_LoA	-11,3716284	0,029	0,292
CHR6	20953963	CHR6:20953963	SSF x Far_LoA	-8,12949534	0,106	0,298

CHR6	20954009	CHR6:20954009	SSF x Far_LoA	-10,6823803	0,008	0,299
CHR6	20962599	CHR6:20962599	SSF x Far_LoA	-10,4459085	-0,021	0,292
CHR6	20962615	CHR6:20962615	SSF x Far_LoA	-8,34630011	-0,112	0,297
CHR6	20962636	CHR6:20962636	SSF x Far_LoA	-3,4144566	-0,189	0,297
CHR6	20962652	CHR6:20962652	SSF x Far_LoA	-2,7246777	-0,129	0,301
CHR6	20962673	CHR6:20962673	SSF x Far_LoA	-8,12575954	0,016	0,308
CHR6	20962674	CHR6:20962674	SSF x Far_LoA	-10,040585	-0,048	0,314
CHR6	20962794	CHR6:20962794	SSF x Far_LoA	-10,1113979	-0,082	0,295
CHR6	20962799	CHR6:20962799	SSF x Far_LoA	-9,71087126	0,033	0,320
CHR6	20962839	CHR6:20962839	SSF x Far_LoA	-9,36561727	0,080	0,304
CHR6	20971993	CHR6:20971993	SSF x Far_LoA	-8,35440639	-0,131	0,281
CHR6	20972134	CHR6:20972134	SSF x Far_LoA	-8,26330546	-0,111	0,308
CHR6	20973157	CHR6:20973157	SSF x Far_LoA	-10,0243249	0,058	0,309
CHR6	20982518	CHR6:20982518	SSF x Far_LoA	-7,66635585	0,177	0,293
CHR6	20985247	CHR6:20985247	SSF x Far_LoA	-7,98056336	0,062	0,312
CHR6	20985411	CHR6:20985411	SSF x Far_LoA	-8,62632695	0,014	0,304
CHR6	20985469	CHR6:20985469	SSF x Far_LoA	-10,6189343	0,006	0,296
CHR6	21001543	CHR6:21001543	SSF x Far_LoA	-9,24811453	-0,016	0,300
CHR6	21001617	CHR6:21001617	SSF x Far_LoA	-4,39154855	0,123	0,305
CHR6	2101355	CHR6:2101355	SSF x Far_LoA	-9,19311491	-0,057	0,299
CHR6	21016326	CHR6:21016326	SSF x Far_LoA	-9,25666839	0,019	0,291
CHR6	21016332	CHR6:21016332	SSF x Far_LoA	-9,10179897	-0,033	0,320
CHR6	21017009	CHR6:21017009	SSF x Far_LoA	-8,90156977	0,107	0,313
CHR6	21019662	CHR6:21019662	SSF x Far_LoA	-9,83354894	-0,008	0,315
CHR6	21019730	CHR6:21019730	SSF x Far_LoA	-11,1385992	-0,121	0,308
CHR6	21019818	CHR6:21019818	SSF x Far_LoA	-11,0936175	-0,036	0,315
CHR6	21022154	CHR6:21022154	SSF x Far_LoA	-10,4775121	0,029	0,300
CHR6	21030551	CHR6:21030551	SSF x Far_LoA	3,3319991	0,146	0,310
CHR6	21030552	CHR6:21030552	SSF x Far_LoA	-9,0559894	0,025	0,313
CHR6	21030564	CHR6:21030564	SSF x Far_LoA	-4,64236714	0,039	0,330
CHR6	21030589	CHR6:21030589	SSF x Far_LoA	-9,34164311	0,002	0,309
CHR6	21040803	CHR6:21040803	SSF x Far_LoA	-10,4684664	0,042	0,291
CHR6	21040806	CHR6:21040806	SSF x Far_LoA	-9,96423825	0,058	0,302
CHR6	21040807	CHR6:21040807	SSF x Far_LoA	-7,48226241	0,068	0,296
CHR6	21040808	CHR6:21040808	SSF x Far_LoA	-9,91407835	0,044	0,303
CHR6	21061342	CHR6:21061342	SSF x Far_LoA	-9,00030494	-0,004	0,303
CHR6	21085586	CHR6:21085586	SSF x Far_LoA	-7,97518663	0,099	0,312
CHR6	21086281	CHR6:21086281	SSF x Far_LoA	-6,02549987	-0,044	0,318
CHR6	21087767	CHR6:21087767	SSF x Far_LoA	-8,43958521	0,040	0,300
CHR6	21098432	CHR6:21098432	SSF x Far_LoA	-9,94538718	0,041	0,310
CHR6	21099776	CHR6:21099776	SSF x Far_LoA	-11,1251534	-0,084	0,315
CHR6	21106349	CHR6:21106349	SSF x Far_LoA	-8,32318055	0,086	0,300
CHR6	21106529	CHR6:21106529	SSF x Far_LoA	-8,38044873	-0,149	0,286
CHR6	21111180	CHR6:21111180	SSF x Far_LoA	-9,65758242	0,042	0,305
CHR6	21111193	CHR6:21111193	SSF x Far_LoA	-7,91208712	-0,085	0,282
CHR6	21111265	CHR6:21111265	SSF x Far_LoA	-11,1356233	0,059	0,298
CHR6	21111307	CHR6:21111307	SSF x Far_LoA	-8,88757679	0,030	0,313
CHR6	21111389	CHR6:21111389	SSF x Far_LoA	-10,3235748	0,026	0,316
CHR6	21112679	CHR6:21112679	SSF x Far_LoA	-7,44331022	-0,036	0,313
CHR6	21112810	CHR6:21112810	SSF x Far_LoA	-7,91320549	0,085	0,316
CHR6	21113909	CHR6:21113909	SSF x Far_LoA	-9,20196768	-0,177	0,305
CHR6	21113920	CHR6:21113920	SSF x Far_LoA	-8,69530089	-0,041	0,317
CHR6	21114502	CHR6:21114502	SSF x Far_LoA	-4,9221193	-0,121	0,315

CHR6	21123407	CHR6:21123407	SSF x Far_LoA	-12,046007	-0,029	0,298
CHR6	21131255	CHR6:21131255	SSF x Far_LoA	-10,0959362	-0,076	0,306
CHR6	21131284	CHR6:21131284	SSF x Far_LoA	-9,31721134	0,070	0,323
CHR6	21131317	CHR6:21131317	SSF x Far_LoA	-10,6881272	-0,032	0,304
CHR6	21131473	CHR6:21131473	SSF x Far_LoA	-9,80930956	-0,035	0,310
CHR6	21134703	CHR6:21134703	SSF x Far_LoA	-7,19307822	0,099	0,305
CHR6	21134764	CHR6:21134764	SSF x Far_LoA	-9,00512781	0,004	0,300
CHR6	21141308	CHR6:21141308	SSF x Far_LoA	-10,2992884	-0,021	0,284
CHR6	21141324	CHR6:21141324	SSF x Far_LoA	-10,3432754	0,100	0,294
CHR6	21141362	CHR6:21141362	SSF x Far_LoA	-7,13057773	-0,081	0,303
CHR6	21153171	CHR6:21153171	SSF x Far_LoA	-10,7342677	0,033	0,302
CHR6	2116118	CHR6:2116118	SSF x Far_LoA	-11,5639119	-0,052	0,305
CHR6	2116128	CHR6:2116128	SSF x Far_LoA	-7,2354645	0,015	0,308
CHR6	2116129	CHR6:2116129	SSF x Far_LoA	0,59598409	-0,027	0,298
CHR6	2116144	CHR6:2116144	SSF x Far_LoA	-9,10630589	-0,043	0,311
CHR6	2116223	CHR6:2116223	SSF x Far_LoA	-11,5133472	0,059	0,301
CHR6	2116225	CHR6:2116225	SSF x Far_LoA	-10,7011871	0,062	0,320
CHR6	2116236	CHR6:2116236	SSF x Far_LoA	-10,7648268	-0,039	0,317
CHR6	2116300	CHR6:2116300	SSF x Far_LoA	-10,052522	-0,021	0,309
CHR6	21168493	CHR6:21168493	SSF x Far_LoA	0,05039865	0,153	0,300
CHR6	21177747	CHR6:21177747	SSF x Far_LoA	-10,8225866	-0,034	0,319
CHR6	21180686	CHR6:21180686	SSF x Far_LoA	-7,33986988	0,039	0,306
CHR6	21180712	CHR6:21180712	SSF x Far_LoA	-4,74431175	-0,011	0,310
CHR6	21180713	CHR6:21180713	SSF x Far_LoA	-11,583393	0,026	0,293
CHR6	21180719	CHR6:21180719	SSF x Far_LoA	-7,77692103	0,048	0,312
CHR6	21180727	CHR6:21180727	SSF x Far_LoA	-5,7261802	0,001	0,315
CHR6	21180734	CHR6:21180734	SSF x Far_LoA	-9,8839557	-0,010	0,296
CHR6	21180803	CHR6:21180803	SSF x Far_LoA	-10,1225314	0,062	0,314
CHR6	21189704	CHR6:21189704	SSF x Far_LoA	-6,02244674	-0,057	0,302
CHR6	21190411	CHR6:21190411	SSF x Far_LoA	-7,12808559	0,090	0,305
CHR6	21190447	CHR6:21190447	SSF x Far_LoA	-10,0063869	0,085	0,299
CHR6	21190474	CHR6:21190474	SSF x Far_LoA	-9,67123296	0,040	0,299
CHR6	21194175	CHR6:21194175	SSF x Far_LoA	-4,28591987	-0,037	0,310
CHR6	21194196	CHR6:21194196	SSF x Far_LoA	-9,89179776	-0,035	0,301
CHR6	21194197	CHR6:21194197	SSF x Far_LoA	-8,6283046	-0,077	0,310
CHR6	21217063	CHR6:21217063	SSF x Far_LoA	-9,95607193	0,015	0,311
CHR6	21217064	CHR6:21217064	SSF x Far_LoA	-9,36894055	0,055	0,304
CHR6	21217075	CHR6:21217075	SSF x Far_LoA	-8,98739859	-0,036	0,308
CHR6	21217134	CHR6:21217134	SSF x Far_LoA	-1,08702198	0,104	0,314
CHR6	21217149	CHR6:21217149	SSF x Far_LoA	-8,75619228	0,024	0,300
CHR6	21217153	CHR6:21217153	SSF x Far_LoA	-7,76210548	0,037	0,308
CHR6	21217168	CHR6:21217168	SSF x Far_LoA	-9,52991297	0,042	0,303
CHR6	21217172	CHR6:21217172	SSF x Far_LoA	-9,74600271	-0,021	0,315
CHR6	21217174	CHR6:21217174	SSF x Far_LoA	-8,77693771	0,031	0,293
CHR6	21217178	CHR6:21217178	SSF x Far_LoA	-7,49229945	-0,006	0,315
CHR6	21217187	CHR6:21217187	SSF x Far_LoA	-3,80824745	-0,014	0,311
CHR6	21225751	CHR6:21225751	SSF x Far_LoA	-9,1412341	0,136	0,320
CHR6	21225753	CHR6:21225753	SSF x Far_LoA	-8,20798845	0,145	0,306
CHR6	21225761	CHR6:21225761	SSF x Far_LoA	-9,35693431	0,050	0,303
CHR6	21225834	CHR6:21225834	SSF x Far_LoA	-2,61934293	0,164	0,308
CHR6	21225843	CHR6:21225843	SSF x Far_LoA	-11,1352347	0,065	0,304
CHR6	21225908	CHR6:21225908	SSF x Far_LoA	-9,48128495	0,033	0,321
CHR6	21225915	CHR6:21225915	SSF x Far_LoA	-10,4287652	-0,134	0,294

CHR6	21225929	CHR6:21225929	SSF x Far_LoA	-7,08121467	-0,029	0,316
CHR6	21234135	CHR6:21234135	SSF x Far_LoA	-3,4611395	-0,111	0,296
CHR6	21234156	CHR6:21234156	SSF x Far_LoA	-8,98342878	-0,005	0,301
CHR6	21234181	CHR6:21234181	SSF x Far_LoA	-7,10771133	-0,030	0,326
CHR6	21234190	CHR6:21234190	SSF x Far_LoA	-9,71021213	-0,008	0,307
CHR6	21234220	CHR6:21234220	SSF x Far_LoA	-6,92453064	-0,164	0,297
CHR6	21234228	CHR6:21234228	SSF x Far_LoA	-5,71644349	0,087	0,301
CHR6	21234229	CHR6:21234229	SSF x Far_LoA	-8,53588733	0,039	0,305
CHR6	21236842	CHR6:21236842	SSF x Far_LoA	-8,97250157	0,048	0,302
CHR6	21236966	CHR6:21236966	SSF x Far_LoA	-7,46855797	0,065	0,306
CHR6	21237007	CHR6:21237007	SSF x Far_LoA	-8,30131984	-0,003	0,308
CHR6	2123759	CHR6:2123759	SSF x Far_LoA	-11,7813308	0,069	0,311
CHR6	21241257	CHR6:21241257	SSF x Far_LoA	-10,6394849	-0,028	0,319
CHR6	21241398	CHR6:21241398	SSF x Far_LoA	-11,3642051	0,063	0,283
CHR6	2125432	CHR6:2125432	SSF x Far_LoA	-6,25134414	0,151	0,309
CHR6	2125440	CHR6:2125440	SSF x Far_LoA	-12,0372219	-0,025	0,303
CHR6	21261517	CHR6:21261517	SSF x Far_LoA	-8,63834482	-0,065	0,313
CHR6	21261526	CHR6:21261526	SSF x Far_LoA	-11,6282899	0,003	0,315
CHR6	21261541	CHR6:21261541	SSF x Far_LoA	-11,8230477	0,001	0,310
CHR6	21261545	CHR6:21261545	SSF x Far_LoA	-10,3316329	-0,006	0,322
CHR6	21261580	CHR6:21261580	SSF x Far_LoA	-2,29907074	-0,029	0,289
CHR6	21261581	CHR6:21261581	SSF x Far_LoA	-10,5841214	-0,015	0,310
CHR6	21261655	CHR6:21261655	SSF x Far_LoA	-8,98968436	-0,062	0,296
CHR6	21266918	CHR6:21266918	SSF x Far_LoA	-9,56162628	0,081	0,293
CHR6	21266946	CHR6:21266946	SSF x Far_LoA	-11,9675068	-0,043	0,308
CHR6	21266947	CHR6:21266947	SSF x Far_LoA	-6,94473951	-0,064	0,301
CHR6	21267028	CHR6:21267028	SSF x Far_LoA	-12,2361702	-0,030	0,311
CHR6	21299764	CHR6:21299764	SSF x Far_LoA	-6,20676174	-0,181	0,300
CHR6	21299788	CHR6:21299788	SSF x Far_LoA	-5,78216163	-0,197	0,293
CHR6	21299792	CHR6:21299792	SSF x Far_LoA	-3,37917149	-0,188	0,295
CHR6	21299823	CHR6:21299823	SSF x Far_LoA	-11,4831201	-0,061	0,308
CHR6	21308396	CHR6:21308396	SSF x Far_LoA	-6,04212414	-0,135	0,323
CHR6	21308473	CHR6:21308473	SSF x Far_LoA	-8,59107829	-0,056	0,305
CHR6	21308479	CHR6:21308479	SSF x Far_LoA	-8,27321109	0,028	0,305
CHR6	21308482	CHR6:21308482	SSF x Far_LoA	-9,34444001	0,027	0,298
CHR6	21308513	CHR6:21308513	SSF x Far_LoA	-9,01837145	0,013	0,303
CHR6	21308514	CHR6:21308514	SSF x Far_LoA	-9,18174938	-0,061	0,312
CHR6	21309715	CHR6:21309715	SSF x Far_LoA	-10,7101023	0,118	0,304
CHR6	21309717	CHR6:21309717	SSF x Far_LoA	-8,12791922	-0,093	0,306
CHR6	21309762	CHR6:21309762	SSF x Far_LoA	-4,34019719	0,075	0,313
CHR6	21311914	CHR6:21311914	SSF x Far_LoA	-10,9145435	0,118	0,304
CHR6	21311967	CHR6:21311967	SSF x Far_LoA	-9,13259095	-0,016	0,318
CHR6	21312013	CHR6:21312013	SSF x Far_LoA	-10,0169415	0,028	0,308
CHR6	21312101	CHR6:21312101	SSF x Far_LoA	-10,5071008	0,077	0,299
CHR6	21312139	CHR6:21312139	SSF x Far_LoA	-11,5596697	0,102	0,290
CHR6	21312146	CHR6:21312146	SSF x Far_LoA	-5,00879294	-0,071	0,313
CHR6	21312147	CHR6:21312147	SSF x Far_LoA	-9,06022671	-0,067	0,304
CHR6	21324054	CHR6:21324054	SSF x Far_LoA	-9,54026607	0,002	0,298
CHR6	21324072	CHR6:21324072	SSF x Far_LoA	-9,11993444	0,041	0,303
CHR6	21325307	CHR6:21325307	SSF x Far_LoA	-9,85927768	0,042	0,319
CHR6	21325346	CHR6:21325346	SSF x Far_LoA	-9,33605998	0,108	0,311
CHR6	21325383	CHR6:21325383	SSF x Far_LoA	-9,47028882	-0,066	0,312
CHR6	2132657	CHR6:2132657	SSF x Far_LoA	-9,83888812	-0,015	0,307

CHR6	21328808	CHR6:21328808	SSF x Far_LoA	-11,8776623	0,007	0,314
CHR6	21328841	CHR6:21328841	SSF x Far_LoA	-9,85589169	0,027	0,315
CHR6	21328846	CHR6:21328846	SSF x Far_LoA	-10,302229	-0,030	0,319
CHR6	21331774	CHR6:21331774	SSF x Far_LoA	-10,4225584	0,110	0,293
CHR6	21334348	CHR6:21334348	SSF x Far_LoA	-7,190767	-0,002	0,324
CHR6	21334405	CHR6:21334405	SSF x Far_LoA	-9,50594684	0,088	0,298
CHR6	21340366	CHR6:21340366	SSF x Far_LoA	-9,96789973	0,049	0,300
CHR6	21344047	CHR6:21344047	SSF x Far_LoA	-4,84400164	-0,103	0,307
CHR6	21351259	CHR6:21351259	SSF x Far_LoA	-5,40843038	0,105	0,304
CHR6	21351336	CHR6:21351336	SSF x Far_LoA	-10,3954873	0,042	0,302
CHR6	21351337	CHR6:21351337	SSF x Far_LoA	-9,90017078	0,037	0,306
CHR6	21351339	CHR6:21351339	SSF x Far_LoA	-11,0202686	0,040	0,303
CHR6	21368858	CHR6:21368858	SSF x Far_LoA	-11,1109124	0,052	0,294
CHR6	21368952	CHR6:21368952	SSF x Far_LoA	-7,84227833	0,137	0,309
CHR6	21375340	CHR6:21375340	SSF x Far_LoA	-8,62256867	0,116	0,315
CHR6	21375468	CHR6:21375468	SSF x Far_LoA	-5,54474714	0,105	0,307
CHR6	21375556	CHR6:21375556	SSF x Far_LoA	-8,13894187	0,072	0,310
CHR6	21384378	CHR6:21384378	SSF x Far_LoA	-8,98584807	-0,039	0,307
CHR6	21392646	CHR6:21392646	SSF x Far_LoA	-8,23679942	-0,031	0,312
CHR6	21402664	CHR6:21402664	SSF x Far_LoA	-5,08485192	-0,139	0,305
CHR6	21402799	CHR6:21402799	SSF x Far_LoA	3,48068156	0,150	0,293
CHR6	21402886	CHR6:21402886	SSF x Far_LoA	-7,53789537	0,026	0,302
CHR6	21402925	CHR6:21402925	SSF x Far_LoA	-11,0941577	-0,052	0,305
CHR6	21409672	CHR6:21409672	SSF x Far_LoA	-9,00847921	0,026	0,309
CHR6	21409691	CHR6:21409691	SSF x Far_LoA	-5,51803347	0,040	0,306
CHR6	21414228	CHR6:21414228	SSF x Far_LoA	-9,4638564	-0,080	0,312
CHR6	21421919	CHR6:21421919	SSF x Far_LoA	-8,26083294	-0,034	0,317
CHR6	21421920	CHR6:21421920	SSF x Far_LoA	-9,12416142	0,003	0,311
CHR6	21434772	CHR6:21434772	SSF x Far_LoA	-5,01652527	-0,006	0,307
CHR6	21434778	CHR6:21434778	SSF x Far_LoA	-10,1218763	-0,007	0,307
CHR6	21434915	CHR6:21434915	SSF x Far_LoA	-10,9629716	-0,102	0,309
CHR6	21445742	CHR6:21445742	SSF x Far_LoA	-10,4891086	0,049	0,308
CHR6	21452103	CHR6:21452103	SSF x Far_LoA	-6,91469178	-0,017	0,307
CHR6	21452110	CHR6:21452110	SSF x Far_LoA	-3,4391328	0,236	0,291
CHR6	21452234	CHR6:21452234	SSF x Far_LoA	-7,4361336	0,134	0,314
CHR6	21454288	CHR6:21454288	SSF x Far_LoA	-9,93498831	0,049	0,308
CHR6	21454326	CHR6:21454326	SSF x Far_LoA	-10,82961	0,072	0,298
CHR6	21467417	CHR6:21467417	SSF x Far_LoA	-10,0525926	-0,052	0,307
CHR6	21475694	CHR6:21475694	SSF x Far_LoA	-9,56486026	0,003	0,309
CHR6	21475700	CHR6:21475700	SSF x Far_LoA	-8,31941964	-0,046	0,312
CHR6	21476206	CHR6:21476206	SSF x Far_LoA	-10,3543261	0,015	0,297
CHR6	21489797	CHR6:21489797	SSF x Far_LoA	-5,32195615	-0,157	0,291
CHR6	21489798	CHR6:21489798	SSF x Far_LoA	-9,69773011	-0,153	0,303
CHR6	21489807	CHR6:21489807	SSF x Far_LoA	-6,05350378	-0,183	0,301
CHR6	21489963	CHR6:21489963	SSF x Far_LoA	-10,7285222	0,129	0,283
CHR6	21489970	CHR6:21489970	SSF x Far_LoA	-5,74105228	0,128	0,287
CHR6	21495810	CHR6:21495810	SSF x Far_LoA	-6,93054332	-0,158	0,296
CHR6	21496005	CHR6:21496005	SSF x Far_LoA	-0,07842164	-0,022	0,305
CHR6	21497928	CHR6:21497928	SSF x Far_LoA	-6,19440965	-0,010	0,316
CHR6	21497930	CHR6:21497930	SSF x Far_LoA	-9,39585214	-0,044	0,304
CHR6	21498067	CHR6:21498067	SSF x Far_LoA	-9,24659216	0,006	0,310
CHR6	21526262	CHR6:21526262	SSF x Far_LoA	-8,04577681	0,079	0,299
CHR6	21526490	CHR6:21526490	SSF x Far_LoA	-10,3163035	0,079	0,298

CHR6	21530097	CHR6:21530097	SSF x Far_LoA	-10,854464	-0,021	0,305
CHR6	21534699	CHR6:21534699	SSF x Far_LoA	-6,20823944	0,099	0,312
CHR6	21534707	CHR6:21534707	SSF x Far_LoA	-8,55902325	0,093	0,310
CHR6	21534937	CHR6:21534937	SSF x Far_LoA	-7,22915564	0,141	0,300
CHR6	21535104	CHR6:21535104	SSF x Far_LoA	-11,2565067	0,115	0,301
CHR6	21539645	CHR6:21539645	SSF x Far_LoA	-9,42961608	0,030	0,309
CHR6	21539690	CHR6:21539690	SSF x Far_LoA	-10,540992	0,039	0,286
CHR6	21540305	CHR6:21540305	SSF x Far_LoA	-9,04624188	-0,102	0,293
CHR6	21540397	CHR6:21540397	SSF x Far_LoA	-9,24927371	-0,095	0,292
CHR6	2154188	CHR6:2154188	SSF x Far_LoA	-7,69507527	-0,115	0,307
CHR6	2154299	CHR6:2154299	SSF x Far_LoA	-9,16238181	0,065	0,310
CHR6	2154320	CHR6:2154320	SSF x Far_LoA	-10,3036013	0,073	0,300
CHR6	2154346	CHR6:2154346	SSF x Far_LoA	-10,922705	0,078	0,295
CHR6	21544982	CHR6:21544982	SSF x Far_LoA	-10,3669474	-0,003	0,306
CHR6	21545108	CHR6:21545108	SSF x Far_LoA	-8,00635279	0,055	0,315
CHR6	21547619	CHR6:21547619	SSF x Far_LoA	-10,5298464	0,094	0,297
CHR6	21547801	CHR6:21547801	SSF x Far_LoA	-11,3879352	-0,053	0,307
CHR6	21550420	CHR6:21550420	SSF x Far_LoA	-10,1164682	-0,004	0,309
CHR6	21550438	CHR6:21550438	SSF x Far_LoA	-8,1862496	0,037	0,312
CHR6	21550508	CHR6:21550508	SSF x Far_LoA	-6,64462162	0,078	0,312
CHR6	21550606	CHR6:21550606	SSF x Far_LoA	-11,8622905	-0,029	0,312
CHR6	21550613	CHR6:21550613	SSF x Far_LoA	-9,26672076	0,000	0,325
CHR6	21565528	CHR6:21565528	SSF x Far_LoA	-7,41879603	0,123	0,298
CHR6	21578507	CHR6:21578507	SSF x Far_LoA	-10,2424722	-0,041	0,306
CHR6	21578647	CHR6:21578647	SSF x Far_LoA	-10,5196511	-0,007	0,309
CHR6	21578658	CHR6:21578658	SSF x Far_LoA	-7,38933298	0,028	0,302
CHR6	21578684	CHR6:21578684	SSF x Far_LoA	-8,91649743	0,013	0,303
CHR6	21578731	CHR6:21578731	SSF x Far_LoA	-8,54721909	0,009	0,297
CHR6	21578785	CHR6:21578785	SSF x Far_LoA	-8,94777658	-0,072	0,319
CHR6	2158510	CHR6:2158510	SSF x Far_LoA	-2,34420167	-0,135	0,306
CHR6	2158583	CHR6:2158583	SSF x Far_LoA	-5,82863855	0,081	0,300
CHR6	2158729	CHR6:2158729	SSF x Far_LoA	-8,59296389	-0,025	0,321
CHR6	21589571	CHR6:21589571	SSF x Far_LoA	-11,44159	-0,050	0,307
CHR6	21589642	CHR6:21589642	SSF x Far_LoA	-6,47320249	-0,182	0,306
CHR6	21589688	CHR6:21589688	SSF x Far_LoA	-11,456184	0,012	0,287
CHR6	21589712	CHR6:21589712	SSF x Far_LoA	-9,10458853	-0,024	0,303
CHR6	21589746	CHR6:21589746	SSF x Far_LoA	-10,658823	-0,107	0,291
CHR6	21589880	CHR6:21589880	SSF x Far_LoA	-10,7969442	0,002	0,306
CHR6	21589883	CHR6:21589883	SSF x Far_LoA	-9,80116782	0,012	0,298
CHR6	21609245	CHR6:21609245	SSF x Far_LoA	-11,0234916	0,041	0,313
CHR6	21609308	CHR6:21609308	SSF x Far_LoA	-10,2281397	-0,017	0,311
CHR6	21609329	CHR6:21609329	SSF x Far_LoA	-10,6908882	-0,016	0,310
CHR6	21618056	CHR6:21618056	SSF x Far_LoA	-11,24544	0,003	0,310
CHR6	21621701	CHR6:21621701	SSF x Far_LoA	-11,1935334	-0,054	0,296
CHR6	21638485	CHR6:21638485	SSF x Far_LoA	-11,7678076	0,042	0,309
CHR6	21638566	CHR6:21638566	SSF x Far_LoA	-8,91147113	-0,005	0,312
CHR6	21638620	CHR6:21638620	SSF x Far_LoA	-8,67868337	0,073	0,316
CHR6	21645124	CHR6:21645124	SSF x Far_LoA	-11,4901436	-0,072	0,300
CHR6	21645292	CHR6:21645292	SSF x Far_LoA	-9,18217274	-0,086	0,302
CHR6	21657434	CHR6:21657434	SSF x Far_LoA	-9,24805422	-0,024	0,301
CHR6	21659005	CHR6:21659005	SSF x Far_LoA	-9,99034644	-0,107	0,293
CHR6	21659055	CHR6:21659055	SSF x Far_LoA	-7,42411948	0,122	0,282
CHR6	21668277	CHR6:21668277	SSF x Far_LoA	-8,97440695	-0,039	0,311

CHR6	21668313	CHR6:21668313	SSF x Far_LoA	-10,4567058	-0,025	0,297
CHR6	21668349	CHR6:21668349	SSF x Far_LoA	-9,34736228	0,086	0,309
CHR6	21668350	CHR6:21668350	SSF x Far_LoA	-5,3199692	0,198	0,289
CHR6	21668400	CHR6:21668400	SSF x Far_LoA	-9,63645778	-0,011	0,312
CHR6	21668401	CHR6:21668401	SSF x Far_LoA	-11,7559026	0,114	0,284
CHR6	21668420	CHR6:21668420	SSF x Far_LoA	-8,39998436	-0,008	0,307
CHR6	21668443	CHR6:21668443	SSF x Far_LoA	-10,7180515	0,068	0,324
CHR6	21668483	CHR6:21668483	SSF x Far_LoA	-8,38463321	0,123	0,288
CHR6	21678028	CHR6:21678028	SSF x Far_LoA	-9,47491642	0,053	0,307
CHR6	21678039	CHR6:21678039	SSF x Far_LoA	-10,6251603	0,050	0,310
CHR6	21678079	CHR6:21678079	SSF x Far_LoA	-8,39446338	-0,145	0,312
CHR6	21680602	CHR6:21680602	SSF x Far_LoA	-7,86067774	-0,074	0,302
CHR6	21680605	CHR6:21680605	SSF x Far_LoA	-4,73661058	-0,098	0,308
CHR6	21680641	CHR6:21680641	SSF x Far_LoA	-9,57537043	-0,150	0,296
CHR6	21680753	CHR6:21680753	SSF x Far_LoA	-11,5305045	-0,101	0,313
CHR6	21690834	CHR6:21690834	SSF x Far_LoA	-9,91514974	0,006	0,303
CHR6	21690931	CHR6:21690931	SSF x Far_LoA	-10,4500571	0,064	0,312
CHR6	21690991	CHR6:21690991	SSF x Far_LoA	-10,418044	-0,031	0,306
CHR6	21691000	CHR6:21691000	SSF x Far_LoA	-8,31193346	-0,056	0,303
CHR6	21691009	CHR6:21691009	SSF x Far_LoA	-9,29734867	0,057	0,308
CHR6	21700604	CHR6:21700604	SSF x Far_LoA	-7,15845971	-0,030	0,293
CHR6	21703854	CHR6:21703854	SSF x Far_LoA	-0,24131473	0,038	0,299
CHR6	21703855	CHR6:21703855	SSF x Far_LoA	-11,2448934	0,057	0,309
CHR6	21703880	CHR6:21703880	SSF x Far_LoA	-8,93530671	-0,010	0,309
CHR6	21703940	CHR6:21703940	SSF x Far_LoA	-4,42271914	-0,034	0,311
CHR6	21703972	CHR6:21703972	SSF x Far_LoA	-2,09132289	0,126	0,283
CHR6	21703974	CHR6:21703974	SSF x Far_LoA	-10,3700571	-0,038	0,299
CHR6	21703983	CHR6:21703983	SSF x Far_LoA	-11,2570646	-0,081	0,303
CHR6	21716021	CHR6:21716021	SSF x Far_LoA	-8,3935861	0,032	0,307
CHR6	21716082	CHR6:21716082	SSF x Far_LoA	-11,2395979	-0,114	0,293
CHR6	21716108	CHR6:21716108	SSF x Far_LoA	-10,5370876	-0,021	0,316
CHR6	21716216	CHR6:21716216	SSF x Far_LoA	-9,2713612	-0,040	0,307
CHR6	21716258	CHR6:21716258	SSF x Far_LoA	-7,51015677	-0,080	0,312
CHR6	21725068	CHR6:21725068	SSF x Far_LoA	-7,83079014	-0,004	0,306
CHR6	21725134	CHR6:21725134	SSF x Far_LoA	-11,0357986	0,016	0,299
CHR6	21729642	CHR6:21729642	SSF x Far_LoA	-9,53899161	0,146	0,287
CHR6	21733352	CHR6:21733352	SSF x Far_LoA	-11,3457103	-0,002	0,306
CHR6	21733357	CHR6:21733357	SSF x Far_LoA	-9,28443337	0,037	0,312
CHR6	21733404	CHR6:21733404	SSF x Far_LoA	-8,81722236	-0,024	0,302
CHR6	21733428	CHR6:21733428	SSF x Far_LoA	-9,89160946	-0,113	0,314
CHR6	21733485	CHR6:21733485	SSF x Far_LoA	-10,0088571	-0,011	0,304
CHR6	21733533	CHR6:21733533	SSF x Far_LoA	-5,77359727	-0,129	0,312
CHR6	21733570	CHR6:21733570	SSF x Far_LoA	-11,975264	0,022	0,305
CHR6	21740157	CHR6:21740157	SSF x Far_LoA	-8,41901415	-0,065	0,309
CHR6	21740308	CHR6:21740308	SSF x Far_LoA	-10,4510269	0,070	0,306
CHR6	21762960	CHR6:21762960	SSF x Far_LoA	-9,76031961	0,099	0,301
CHR6	21763111	CHR6:21763111	SSF x Far_LoA	-10,0526063	0,041	0,307
CHR6	21771902	CHR6:21771902	SSF x Far_LoA	-8,41056944	0,037	0,308
CHR6	21778385	CHR6:21778385	SSF x Far_LoA	-9,18464356	-0,014	0,304
CHR6	21780939	CHR6:21780939	SSF x Far_LoA	-9,18202693	0,015	0,311
CHR6	21780988	CHR6:21780988	SSF x Far_LoA	-11,681623	-0,061	0,318
CHR6	2178229	CHR6:2178229	SSF x Far_LoA	-10,2128683	0,155	0,293
CHR6	21791481	CHR6:21791481	SSF x Far_LoA	-10,2911823	-0,045	0,308

CHR6	21791567	CHR6:21791567	SSF x Far_LoA	-9,61641699	-0,095	0,302
CHR6	21791578	CHR6:21791578	SSF x Far_LoA	-8,55689182	-0,050	0,312
CHR6	21791638	CHR6:21791638	SSF x Far_LoA	-10,8052839	0,080	0,299
CHR6	21791678	CHR6:21791678	SSF x Far_LoA	-7,80740453	-0,020	0,316
CHR6	21797034	CHR6:21797034	SSF x Far_LoA	-8,19152616	-0,157	0,302
CHR6	21797107	CHR6:21797107	SSF x Far_LoA	-9,00254998	0,031	0,311
CHR6	21797198	CHR6:21797198	SSF x Far_LoA	-10,7340233	0,117	0,297
CHR6	21797206	CHR6:21797206	SSF x Far_LoA	-8,66079793	0,099	0,297
CHR6	21806530	CHR6:21806530	SSF x Far_LoA	-7,45843953	0,027	0,307
CHR6	21806552	CHR6:21806552	SSF x Far_LoA	-10,7636878	-0,021	0,310
CHR6	21807779	CHR6:21807779	SSF x Far_LoA	-9,05967554	-0,008	0,312
CHR6	21807857	CHR6:21807857	SSF x Far_LoA	-11,4736608	-0,012	0,310
CHR6	21809664	CHR6:21809664	SSF x Far_LoA	-8,91219103	0,069	0,314
CHR6	21809669	CHR6:21809669	SSF x Far_LoA	-8,86686091	0,056	0,311
CHR6	21809670	CHR6:21809670	SSF x Far_LoA	-8,49149057	0,050	0,299
CHR6	21809720	CHR6:21809720	SSF x Far_LoA	-9,90664927	0,081	0,308
CHR6	21814772	CHR6:21814772	SSF x Far_LoA	-11,1338883	0,033	0,302
CHR6	21814838	CHR6:21814838	SSF x Far_LoA	-7,7636828	-0,146	0,310
CHR6	21814841	CHR6:21814841	SSF x Far_LoA	-8,49457677	-0,115	0,302
CHR6	21815179	CHR6:21815179	SSF x Far_LoA	-10,5373947	0,015	0,307
CHR6	2181971	CHR6:2181971	SSF x Far_LoA	-8,62996811	-0,002	0,325
CHR6	2182022	CHR6:2182022	SSF x Far_LoA	-9,92871419	-0,099	0,307
CHR6	2182026	CHR6:2182026	SSF x Far_LoA	-10,3859654	0,037	0,323
CHR6	21823371	CHR6:21823371	SSF x Far_LoA	-7,81195137	-0,085	0,303
CHR6	21830670	CHR6:21830670	SSF x Far_LoA	-10,6456697	-0,005	0,310
CHR6	21830682	CHR6:21830682	SSF x Far_LoA	-9,83009498	0,023	0,303
CHR6	21830691	CHR6:21830691	SSF x Far_LoA	-10,3161183	0,005	0,316
CHR6	21830732	CHR6:21830732	SSF x Far_LoA	-4,33596535	-0,114	0,313
CHR6	21834321	CHR6:21834321	SSF x Far_LoA	-10,7504496	0,072	0,309
CHR6	21840072	CHR6:21840072	SSF x Far_LoA	-8,86726783	0,103	0,301
CHR6	21841974	CHR6:21841974	SSF x Far_LoA	-7,32546363	-0,064	0,328
CHR6	21842013	CHR6:21842013	SSF x Far_LoA	-10,1090682	0,051	0,310
CHR6	21842039	CHR6:21842039	SSF x Far_LoA	-9,52094669	0,063	0,314
CHR6	21842114	CHR6:21842114	SSF x Far_LoA	-11,13878	-0,032	0,297
CHR6	21842136	CHR6:21842136	SSF x Far_LoA	-9,44020526	0,053	0,299
CHR6	21842185	CHR6:21842185	SSF x Far_LoA	-10,0580828	0,019	0,316
CHR6	21842223	CHR6:21842223	SSF x Far_LoA	-12,0746917	-0,025	0,283
CHR6	21848270	CHR6:21848270	SSF x Far_LoA	-8,8493153	0,097	0,303
CHR6	21848284	CHR6:21848284	SSF x Far_LoA	-10,2423769	0,097	0,300
CHR6	21848313	CHR6:21848313	SSF x Far_LoA	-2,30452402	-0,188	0,296
CHR6	21848345	CHR6:21848345	SSF x Far_LoA	-8,43868999	0,055	0,305
CHR6	21848385	CHR6:21848385	SSF x Far_LoA	-10,5635553	-0,063	0,291
CHR6	21854287	CHR6:21854287	SSF x Far_LoA	-8,54118191	0,076	0,312
CHR6	21858583	CHR6:21858583	SSF x Far_LoA	-8,4443019	-0,008	0,305
CHR6	21858624	CHR6:21858624	SSF x Far_LoA	-8,52563293	0,009	0,297
CHR6	21858639	CHR6:21858639	SSF x Far_LoA	-10,160512	0,065	0,302
CHR6	21858656	CHR6:21858656	SSF x Far_LoA	-9,64430305	-0,097	0,306
CHR6	21858682	CHR6:21858682	SSF x Far_LoA	-12,5046365	0,013	0,303
CHR6	21864915	CHR6:21864915	SSF x Far_LoA	-7,48252879	0,103	0,293
CHR6	21864916	CHR6:21864916	SSF x Far_LoA	-8,49559225	0,114	0,296
CHR6	21864982	CHR6:21864982	SSF x Far_LoA	-11,0052592	-0,089	0,301
CHR6	21865021	CHR6:21865021	SSF x Far_LoA	-8,1023173	-0,099	0,314
CHR6	21865033	CHR6:21865033	SSF x Far_LoA	-7,77397636	-0,130	0,304

CHR6	21868953	CHR6:21868953	SSF x Far_LoA	-10,7408313	-0,020	0,307
CHR6	21869069	CHR6:21869069	SSF x Far_LoA	-8,71457125	-0,036	0,305
CHR6	21869148	CHR6:21869148	SSF x Far_LoA	-6,23129764	0,125	0,301
CHR6	21869310	CHR6:21869310	SSF x Far_LoA	-8,10023046	-0,079	0,313
CHR6	21869390	CHR6:21869390	SSF x Far_LoA	-8,62362359	-0,082	0,311
CHR6	21886267	CHR6:21886267	SSF x Far_LoA	-11,4437927	-0,009	0,312
CHR6	21892451	CHR6:21892451	SSF x Far_LoA	-5,85888337	0,140	0,306
CHR6	21915292	CHR6:21915292	SSF x Far_LoA	-9,53158527	-0,005	0,320
CHR6	21915415	CHR6:21915415	SSF x Far_LoA	-8,10337208	-0,040	0,312
CHR6	21917497	CHR6:21917497	SSF x Far_LoA	-9,22630402	0,060	0,297
CHR6	21917705	CHR6:21917705	SSF x Far_LoA	-7,63111066	-0,030	0,326
CHR6	21917838	CHR6:21917838	SSF x Far_LoA	-10,3401627	0,102	0,298
CHR6	2192676	CHR6:2192676	SSF x Far_LoA	-8,83221645	-0,023	0,307
CHR6	2192897	CHR6:2192897	SSF x Far_LoA	-9,71655691	0,059	0,308
CHR6	2192898	CHR6:2192898	SSF x Far_LoA	-10,1626152	0,050	0,306
CHR6	21936225	CHR6:21936225	SSF x Far_LoA	-9,19912122	0,030	0,313
CHR6	21936230	CHR6:21936230	SSF x Far_LoA	-7,31309003	-0,088	0,310
CHR6	21945012	CHR6:21945012	SSF x Far_LoA	-9,49777451	0,021	0,301
CHR6	21945082	CHR6:21945082	SSF x Far_LoA	-9,65355744	-0,066	0,303
CHR6	21945109	CHR6:21945109	SSF x Far_LoA	-7,21247303	0,170	0,288
CHR6	21945122	CHR6:21945122	SSF x Far_LoA	-8,73783852	0,168	0,286
CHR6	21945221	CHR6:21945221	SSF x Far_LoA	-8,94388165	0,186	0,296
CHR6	21945239	CHR6:21945239	SSF x Far_LoA	-5,94278005	-0,207	0,291
CHR6	21952633	CHR6:21952633	SSF x Far_LoA	-9,82340792	-0,057	0,307
CHR6	21952702	CHR6:21952702	SSF x Far_LoA	-8,9874775	0,006	0,318
CHR6	21952779	CHR6:21952779	SSF x Far_LoA	-12,2482395	0,071	0,290
CHR6	21952802	CHR6:21952802	SSF x Far_LoA	-11,1924578	-0,072	0,300
CHR6	21952815	CHR6:21952815	SSF x Far_LoA	-9,03005119	-0,059	0,303
CHR6	21952848	CHR6:21952848	SSF x Far_LoA	-10,9834506	-0,061	0,305
CHR6	219546	CHR6:219546	SSF x Far_LoA	-9,10855367	0,064	0,318
CHR6	21956815	CHR6:21956815	SSF x Far_LoA	-9,93871939	0,007	0,327
CHR6	2197535	CHR6:2197535	SSF x Far_LoA	-9,8575129	-0,020	0,313
CHR6	21981228	CHR6:21981228	SSF x Far_LoA	-9,15619376	-0,022	0,297
CHR6	21981275	CHR6:21981275	SSF x Far_LoA	-9,53348847	0,101	0,308
CHR6	22000628	CHR6:22000628	SSF x Far_LoA	-8,83000592	-0,086	0,315
CHR6	22013626	CHR6:22013626	SSF x Far_LoA	-10,1566449	0,025	0,301
CHR6	22013699	CHR6:22013699	SSF x Far_LoA	-8,44780121	0,044	0,303
CHR6	22013793	CHR6:22013793	SSF x Far_LoA	-7,73038041	0,153	0,285
CHR6	22013835	CHR6:22013835	SSF x Far_LoA	-9,2427042	-0,019	0,310
CHR6	22013836	CHR6:22013836	SSF x Far_LoA	-8,5196532	-0,022	0,302
CHR6	22013860	CHR6:22013860	SSF x Far_LoA	-8,72397447	-0,028	0,302
CHR6	22015107	CHR6:22015107	SSF x Far_LoA	-9,43343696	0,025	0,304
CHR6	22031207	CHR6:22031207	SSF x Far_LoA	-6,21316424	0,066	0,303
CHR6	22031214	CHR6:22031214	SSF x Far_LoA	-10,8469862	-0,036	0,285
CHR6	22032136	CHR6:22032136	SSF x Far_LoA	-11,7325802	0,035	0,298
CHR6	22034715	CHR6:22034715	SSF x Far_LoA	-8,7918874	-0,072	0,294
CHR6	22034775	CHR6:22034775	SSF x Far_LoA	-7,8874744	-0,143	0,314
CHR6	22034782	CHR6:22034782	SSF x Far_LoA	-6,46106461	0,005	0,320
CHR6	22034829	CHR6:22034829	SSF x Far_LoA	-11,0186361	-0,029	0,314
CHR6	22034876	CHR6:22034876	SSF x Far_LoA	-8,62961517	0,008	0,303
CHR6	22039220	CHR6:22039220	SSF x Far_LoA	-10,2124511	-0,068	0,313
CHR6	22039386	CHR6:22039386	SSF x Far_LoA	-9,57957586	-0,041	0,310
CHR6	2204686	CHR6:2204686	SSF x Far_LoA	-5,60256548	-0,060	0,317

CHR6	2204734	CHR6:2204734	SSF x Far_LoA	-8,33865963	0,010	0,307
CHR6	22052769	CHR6:22052769	SSF x Far_LoA	-9,50105686	-0,012	0,303
CHR6	22052779	CHR6:22052779	SSF x Far_LoA	-10,2853766	0,085	0,298
CHR6	22052787	CHR6:22052787	SSF x Far_LoA	-10,4233631	-0,044	0,296
CHR6	22052811	CHR6:22052811	SSF x Far_LoA	-9,52889084	-0,039	0,298
CHR6	22052848	CHR6:22052848	SSF x Far_LoA	-8,89804883	0,001	0,317
CHR6	22052878	CHR6:22052878	SSF x Far_LoA	-6,56213396	-0,037	0,327
CHR6	22055870	CHR6:22055870	SSF x Far_LoA	-11,5297252	0,006	0,316
CHR6	22055873	CHR6:22055873	SSF x Far_LoA	-11,6404499	-0,059	0,309
CHR6	22055903	CHR6:22055903	SSF x Far_LoA	-11,8397054	0,100	0,297
CHR6	22055988	CHR6:22055988	SSF x Far_LoA	-5,26586829	-0,173	0,304
CHR6	22056007	CHR6:22056007	SSF x Far_LoA	-11,4935858	0,050	0,300
CHR6	22056138	CHR6:22056138	SSF x Far_LoA	-6,96955636	0,158	0,292
CHR6	22059307	CHR6:22059307	SSF x Far_LoA	-10,1622094	-0,036	0,319
CHR6	22059329	CHR6:22059329	SSF x Far_LoA	-7,79733366	-0,125	0,321
CHR6	22059341	CHR6:22059341	SSF x Far_LoA	-9,03281191	-0,090	0,311
CHR6	22059345	CHR6:22059345	SSF x Far_LoA	-7,9459142	-0,104	0,307
CHR6	22063814	CHR6:22063814	SSF x Far_LoA	-10,184449	-0,105	0,287
CHR6	22063834	CHR6:22063834	SSF x Far_LoA	-9,50515487	-0,029	0,309
CHR6	22063864	CHR6:22063864	SSF x Far_LoA	-6,39900944	-0,094	0,304
CHR6	22078151	CHR6:22078151	SSF x Far_LoA	-10,3086244	-0,004	0,316
CHR6	22078261	CHR6:22078261	SSF x Far_LoA	-9,32224364	-0,033	0,298
CHR6	22078383	CHR6:22078383	SSF x Far_LoA	-11,6615728	-0,046	0,298
CHR6	22083915	CHR6:22083915	SSF x Far_LoA	-6,74992547	-0,050	0,314
CHR6	22083932	CHR6:22083932	SSF x Far_LoA	-11,1059934	0,011	0,317
CHR6	22083995	CHR6:22083995	SSF x Far_LoA	-10,6481658	-0,065	0,314
CHR6	22090381	CHR6:22090381	SSF x Far_LoA	-11,297102	-0,021	0,314
CHR6	22090399	CHR6:22090399	SSF x Far_LoA	-10,4212458	-0,036	0,315
CHR6	22090475	CHR6:22090475	SSF x Far_LoA	-9,11976898	-0,075	0,305
CHR6	22090487	CHR6:22090487	SSF x Far_LoA	-11,6674466	-0,081	0,304
CHR6	22090505	CHR6:22090505	SSF x Far_LoA	-8,75362716	0,069	0,297
CHR6	22099643	CHR6:22099643	SSF x Far_LoA	-10,4406586	0,088	0,283
CHR6	22099680	CHR6:22099680	SSF x Far_LoA	-7,67378184	-0,020	0,311
CHR6	22099683	CHR6:22099683	SSF x Far_LoA	-10,9755216	0,007	0,307
CHR6	22099773	CHR6:22099773	SSF x Far_LoA	-10,70455	0,058	0,299
CHR6	22099808	CHR6:22099808	SSF x Far_LoA	-11,1587226	0,072	0,301
CHR6	22119018	CHR6:22119018	SSF x Far_LoA	-8,51238032	-0,076	0,304
CHR6	22119021	CHR6:22119021	SSF x Far_LoA	-10,3268607	-0,058	0,308
CHR6	22119024	CHR6:22119024	SSF x Far_LoA	-8,88337763	-0,034	0,310
CHR6	22119027	CHR6:22119027	SSF x Far_LoA	-10,7114343	-0,019	0,314
CHR6	22119085	CHR6:22119085	SSF x Far_LoA	-0,79765568	0,113	0,294
CHR6	22119160	CHR6:22119160	SSF x Far_LoA	-11,3279448	-0,040	0,303
CHR6	22119177	CHR6:22119177	SSF x Far_LoA	-9,76094714	-0,029	0,306
CHR6	22119196	CHR6:22119196	SSF x Far_LoA	-9,18701091	-0,092	0,303
CHR6	22119212	CHR6:22119212	SSF x Far_LoA	-8,81898198	-0,024	0,312
CHR6	22120800	CHR6:22120800	SSF x Far_LoA	-11,0680217	-0,017	0,311
CHR6	22120879	CHR6:22120879	SSF x Far_LoA	-11,8878078	0,043	0,306
CHR6	22127478	CHR6:22127478	SSF x Far_LoA	-11,5726431	0,037	0,307
CHR6	22131271	CHR6:22131271	SSF x Far_LoA	-7,03336677	0,203	0,283
CHR6	22131370	CHR6:22131370	SSF x Far_LoA	-3,6791441	-0,113	0,297
CHR6	22131394	CHR6:22131394	SSF x Far_LoA	5,57060464	0,017	0,324
CHR6	22131399	CHR6:22131399	SSF x Far_LoA	-7,58722608	0,115	0,309
CHR6	22131430	CHR6:22131430	SSF x Far_LoA	-10,5624751	0,042	0,313

CHR6	22131433	CHR6:22131433	SSF x Far_LoA	-7,92881078	0,121	0,302
CHR6	22131464	CHR6:22131464	SSF x Far_LoA	-8,87709914	0,021	0,325
CHR6	22132638	CHR6:22132638	SSF x Far_LoA	-10,2694648	0,055	0,305
CHR6	22132652	CHR6:22132652	SSF x Far_LoA	-10,5176175	0,002	0,299
CHR6	22132678	CHR6:22132678	SSF x Far_LoA	-8,15387919	0,099	0,301
CHR6	22132712	CHR6:22132712	SSF x Far_LoA	-10,6191667	-0,022	0,302
CHR6	22132829	CHR6:22132829	SSF x Far_LoA	-7,52269239	-0,087	0,316
CHR6	22132831	CHR6:22132831	SSF x Far_LoA	-8,32305826	-0,102	0,312
CHR6	22132857	CHR6:22132857	SSF x Far_LoA	-6,81406619	0,101	0,313
CHR6	22139549	CHR6:22139549	SSF x Far_LoA	-9,32147394	-0,133	0,296
CHR6	22139598	CHR6:22139598	SSF x Far_LoA	-10,8679333	0,077	0,298
CHR6	22143851	CHR6:22143851	SSF x Far_LoA	-8,74445945	-0,033	0,294
CHR6	22150606	CHR6:22150606	SSF x Far_LoA	-9,80267686	0,068	0,317
CHR6	22150642	CHR6:22150642	SSF x Far_LoA	-10,2152173	-0,066	0,307
CHR6	22150643	CHR6:22150643	SSF x Far_LoA	-9,5055728	-0,073	0,313
CHR6	22150647	CHR6:22150647	SSF x Far_LoA	-9,55144446	-0,073	0,296
CHR6	22166628	CHR6:22166628	SSF x Far_LoA	-10,5485777	0,010	0,303
CHR6	22171791	CHR6:22171791	SSF x Far_LoA	-8,62501438	-0,084	0,296
CHR6	22178101	CHR6:22178101	SSF x Far_LoA	-9,08444622	-0,056	0,305
CHR6	22181198	CHR6:22181198	SSF x Far_LoA	-11,4947617	0,009	0,296
CHR6	22199518	CHR6:22199518	SSF x Far_LoA	-10,6462806	-0,009	0,300
CHR6	22199524	CHR6:22199524	SSF x Far_LoA	-6,89619592	0,135	0,304
CHR6	22204633	CHR6:22204633	SSF x Far_LoA	-10,057124	-0,105	0,297
CHR6	22204857	CHR6:22204857	SSF x Far_LoA	-5,56508278	-0,115	0,307
CHR6	22204869	CHR6:22204869	SSF x Far_LoA	-10,7505665	0,080	0,309
CHR6	22211154	CHR6:22211154	SSF x Far_LoA	-9,23438229	0,141	0,294
CHR6	22211196	CHR6:22211196	SSF x Far_LoA	-9,87124873	0,033	0,298
CHR6	22211201	CHR6:22211201	SSF x Far_LoA	-8,9018749	0,012	0,306
CHR6	22212265	CHR6:22212265	SSF x Far_LoA	-8,47369474	-0,092	0,299
CHR6	22212922	CHR6:22212922	SSF x Far_LoA	-9,0924851	-0,085	0,301
CHR6	22212965	CHR6:22212965	SSF x Far_LoA	-7,25572407	-0,129	0,300
CHR6	22214791	CHR6:22214791	SSF x Far_LoA	-8,89959565	-0,052	0,296
CHR6	22215836	CHR6:22215836	SSF x Far_LoA	-10,5763462	-0,015	0,315
CHR6	22215850	CHR6:22215850	SSF x Far_LoA	-9,98905714	0,028	0,319
CHR6	22215880	CHR6:22215880	SSF x Far_LoA	-10,6298725	0,043	0,309
CHR6	22216362	CHR6:22216362	SSF x Far_LoA	-6,2822035	-0,145	0,313
CHR6	22217480	CHR6:22217480	SSF x Far_LoA	-9,48961224	-0,075	0,295
CHR6	22217483	CHR6:22217483	SSF x Far_LoA	-2,05804229	0,257	0,278
CHR6	22217692	CHR6:22217692	SSF x Far_LoA	-11,6102132	0,033	0,304
CHR6	2221777	CHR6:2221777	SSF x Far_LoA	-9,90348084	-0,039	0,295
CHR6	22227240	CHR6:22227240	SSF x Far_LoA	-10,2508351	-0,049	0,311
CHR6	22227248	CHR6:22227248	SSF x Far_LoA	-10,9255632	-0,068	0,309
CHR6	22227344	CHR6:22227344	SSF x Far_LoA	-9,63991752	-0,024	0,309
CHR6	22227348	CHR6:22227348	SSF x Far_LoA	-6,02448753	-0,040	0,306
CHR6	22227384	CHR6:22227384	SSF x Far_LoA	-9,16497239	-0,009	0,309
CHR6	22227415	CHR6:22227415	SSF x Far_LoA	-9,40663368	0,067	0,311
CHR6	22239401	CHR6:22239401	SSF x Far_LoA	-9,00331073	-0,075	0,299
CHR6	22239499	CHR6:22239499	SSF x Far_LoA	-6,23102278	0,144	0,307
CHR6	22243986	CHR6:22243986	SSF x Far_LoA	-11,3240431	-0,022	0,296
CHR6	22244915	CHR6:22244915	SSF x Far_LoA	-11,7448126	-0,055	0,298
CHR6	22247288	CHR6:22247288	SSF x Far_LoA	-8,79275458	0,047	0,309
CHR6	22253545	CHR6:22253545	SSF x Far_LoA	-11,9535966	0,043	0,302
CHR6	22255624	CHR6:22255624	SSF x Far_LoA	-10,5104708	-0,039	0,313

CHR6	22255653	CHR6:22255653	SSF x Far_LoA	-8,94334279	-0,036	0,313
CHR6	22255662	CHR6:22255662	SSF x Far_LoA	-10,7376491	-0,025	0,306
CHR6	22255674	CHR6:22255674	SSF x Far_LoA	-9,84135452	-0,033	0,311
CHR6	22255713	CHR6:22255713	SSF x Far_LoA	-9,94483626	0,013	0,306
CHR6	22257826	CHR6:22257826	SSF x Far_LoA	-9,1033009	0,156	0,296
CHR6	22260042	CHR6:22260042	SSF x Far_LoA	-9,46739484	-0,017	0,314
CHR6	22269905	CHR6:22269905	SSF x Far_LoA	-5,3405741	-0,124	0,311
CHR6	22294010	CHR6:22294010	SSF x Far_LoA	-11,6027872	0,017	0,302
CHR6	22294113	CHR6:22294113	SSF x Far_LoA	-10,1260613	0,071	0,304
CHR6	22294121	CHR6:22294121	SSF x Far_LoA	-10,3246024	0,018	0,299
CHR6	22294132	CHR6:22294132	SSF x Far_LoA	-9,4974454	-0,087	0,327
CHR6	22295480	CHR6:22295480	SSF x Far_LoA	-10,9843043	0,023	0,313
CHR6	22295557	CHR6:22295557	SSF x Far_LoA	-8,2550637	-0,045	0,321
CHR6	22302962	CHR6:22302962	SSF x Far_LoA	-7,7820811	-0,042	0,307
CHR6	22319920	CHR6:22319920	SSF x Far_LoA	-9,31835255	-0,088	0,318
CHR6	22322434	CHR6:22322434	SSF x Far_LoA	-9,95925323	0,059	0,300
CHR6	22330720	CHR6:22330720	SSF x Far_LoA	-8,77528713	0,020	0,314
CHR6	22330775	CHR6:22330775	SSF x Far_LoA	-8,26370264	0,140	0,288
CHR6	2233284	CHR6:2233284	SSF x Far_LoA	-4,95314613	-0,148	0,296
CHR6	22333126	CHR6:22333126	SSF x Far_LoA	-4,73297315	-0,133	0,299
CHR6	2233393	CHR6:2233393	SSF x Far_LoA	-8,21894458	-0,128	0,307
CHR6	22334890	CHR6:22334890	SSF x Far_LoA	-7,38537579	-0,051	0,304
CHR6	22334916	CHR6:22334916	SSF x Far_LoA	-6,88955277	-0,086	0,314
CHR6	22336170	CHR6:22336170	SSF x Far_LoA	-9,42975454	-0,020	0,322
CHR6	22336207	CHR6:22336207	SSF x Far_LoA	-10,0459687	-0,030	0,312
CHR6	22337194	CHR6:22337194	SSF x Far_LoA	-9,47101174	0,028	0,323
CHR6	22343161	CHR6:22343161	SSF x Far_LoA	-10,7819775	-0,027	0,302
CHR6	22344396	CHR6:22344396	SSF x Far_LoA	-4,17166468	0,017	0,321
CHR6	22344476	CHR6:22344476	SSF x Far_LoA	-11,6849926	0,000	0,313
CHR6	22344481	CHR6:22344481	SSF x Far_LoA	-8,97403233	-0,094	0,305
CHR6	22344490	CHR6:22344490	SSF x Far_LoA	-11,8070379	0,042	0,314
CHR6	22347653	CHR6:22347653	SSF x Far_LoA	-8,95491518	-0,002	0,308
CHR6	22347662	CHR6:22347662	SSF x Far_LoA	-11,7751006	0,027	0,291
CHR6	22347814	CHR6:22347814	SSF x Far_LoA	-8,6632764	0,095	0,302
CHR6	22354534	CHR6:22354534	SSF x Far_LoA	-9,61790267	-0,102	0,312
CHR6	22354540	CHR6:22354540	SSF x Far_LoA	-10,1332455	0,058	0,312
CHR6	22354638	CHR6:22354638	SSF x Far_LoA	-4,86479503	0,243	0,300
CHR6	22357491	CHR6:22357491	SSF x Far_LoA	-8,69294988	-0,113	0,315
CHR6	22357515	CHR6:22357515	SSF x Far_LoA	-9,06375883	-0,066	0,301
CHR6	22357531	CHR6:22357531	SSF x Far_LoA	-8,30446558	-0,029	0,324
CHR6	22357616	CHR6:22357616	SSF x Far_LoA	-9,99535644	0,061	0,319
CHR6	22358769	CHR6:22358769	SSF x Far_LoA	-8,55866713	-0,035	0,310
CHR6	22358773	CHR6:22358773	SSF x Far_LoA	-7,96416083	0,019	0,301
CHR6	22361711	CHR6:22361711	SSF x Far_LoA	-9,52892596	0,108	0,293
CHR6	22361828	CHR6:22361828	SSF x Far_LoA	-10,4688269	0,013	0,310
CHR6	22361837	CHR6:22361837	SSF x Far_LoA	-8,13334463	-0,088	0,303
CHR6	22361847	CHR6:22361847	SSF x Far_LoA	-9,82991464	0,014	0,324
CHR6	22366460	CHR6:22366460	SSF x Far_LoA	-11,5164498	0,073	0,313
CHR6	2237282	CHR6:2237282	SSF x Far_LoA	-10,7467893	0,026	0,307
CHR6	2237786	CHR6:2237786	SSF x Far_LoA	-7,72046282	0,185	0,287
CHR6	2237803	CHR6:2237803	SSF x Far_LoA	-10,4666473	-0,129	0,314
CHR6	2237839	CHR6:2237839	SSF x Far_LoA	-7,97273313	-0,150	0,291
CHR6	22380565	CHR6:22380565	SSF x Far_LoA	-10,3710373	-0,012	0,309

CHR6	22380748	CHR6:22380748	SSF x Far_LoA	-4,74959162	-0,039	0,302
CHR6	22380785	CHR6:22380785	SSF x Far_LoA	-8,67019856	0,112	0,310
CHR6	22385186	CHR6:22385186	SSF x Far_LoA	-10,8756466	-0,022	0,312
CHR6	22396702	CHR6:22396702	SSF x Far_LoA	-9,10117888	-0,090	0,312
CHR6	22396757	CHR6:22396757	SSF x Far_LoA	-9,19540955	0,075	0,308
CHR6	22405778	CHR6:22405778	SSF x Far_LoA	-8,70979398	0,077	0,315
CHR6	22405782	CHR6:22405782	SSF x Far_LoA	-11,7295637	-0,063	0,303
CHR6	22405784	CHR6:22405784	SSF x Far_LoA	-7,55357999	0,118	0,298
CHR6	22405925	CHR6:22405925	SSF x Far_LoA	-8,31486937	-0,096	0,302
CHR6	22405939	CHR6:22405939	SSF x Far_LoA	-8,99495614	0,060	0,313
CHR6	22405982	CHR6:22405982	SSF x Far_LoA	-10,0720186	-0,034	0,323
CHR6	22408800	CHR6:22408800	SSF x Far_LoA	-11,6781401	-0,003	0,300
CHR6	22408811	CHR6:22408811	SSF x Far_LoA	-7,64757108	0,046	0,314
CHR6	22416971	CHR6:22416971	SSF x Far_LoA	-4,36901608	0,179	0,283
CHR6	22417025	CHR6:22417025	SSF x Far_LoA	-12,108438	0,015	0,302
CHR6	22419741	CHR6:22419741	SSF x Far_LoA	-9,45873276	-0,088	0,309
CHR6	22419811	CHR6:22419811	SSF x Far_LoA	-9,03020052	0,010	0,310
CHR6	22419838	CHR6:22419838	SSF x Far_LoA	-4,51964247	-0,140	0,301
CHR6	22428065	CHR6:22428065	SSF x Far_LoA	-7,21999007	0,106	0,284
CHR6	22428109	CHR6:22428109	SSF x Far_LoA	-11,7944279	-0,006	0,296
CHR6	22428110	CHR6:22428110	SSF x Far_LoA	-8,27377645	0,022	0,302
CHR6	22428118	CHR6:22428118	SSF x Far_LoA	-7,73393875	0,058	0,298
CHR6	22435554	CHR6:22435554	SSF x Far_LoA	-11,2496853	0,000	0,309
CHR6	22435635	CHR6:22435635	SSF x Far_LoA	-10,0130084	0,005	0,308
CHR6	22435692	CHR6:22435692	SSF x Far_LoA	-10,1841107	-0,002	0,307
CHR6	22435761	CHR6:22435761	SSF x Far_LoA	-6,87190054	-0,020	0,305
CHR6	22435768	CHR6:22435768	SSF x Far_LoA	-6,82096049	0,148	0,315
CHR6	22435812	CHR6:22435812	SSF x Far_LoA	-12,2569402	-0,041	0,306
CHR6	22435813	CHR6:22435813	SSF x Far_LoA	-11,5168111	-0,010	0,305
CHR6	22435816	CHR6:22435816	SSF x Far_LoA	-7,30901989	-0,041	0,320
CHR6	22435819	CHR6:22435819	SSF x Far_LoA	-7,62529077	0,025	0,294
CHR6	22435871	CHR6:22435871	SSF x Far_LoA	-7,26707086	0,058	0,314
CHR6	22442233	CHR6:22442233	SSF x Far_LoA	-8,33210194	-0,038	0,305
CHR6	22442240	CHR6:22442240	SSF x Far_LoA	-8,60377542	0,003	0,303
CHR6	22442248	CHR6:22442248	SSF x Far_LoA	-9,36362011	0,014	0,297
CHR6	22442271	CHR6:22442271	SSF x Far_LoA	-8,80397198	-0,058	0,303
CHR6	22445113	CHR6:22445113	SSF x Far_LoA	-10,0685256	-0,044	0,298
CHR6	22445125	CHR6:22445125	SSF x Far_LoA	-8,17198588	-0,093	0,306
CHR6	22445208	CHR6:22445208	SSF x Far_LoA	-9,81818776	-0,053	0,314
CHR6	22445321	CHR6:22445321	SSF x Far_LoA	-9,53401807	0,039	0,302
CHR6	22448579	CHR6:22448579	SSF x Far_LoA	-9,12623896	0,023	0,312
CHR6	22448587	CHR6:22448587	SSF x Far_LoA	-8,15329497	-0,098	0,304
CHR6	22448704	CHR6:22448704	SSF x Far_LoA	-11,1237128	-0,069	0,300
CHR6	22448710	CHR6:22448710	SSF x Far_LoA	-10,1403867	0,099	0,306
CHR6	22460115	CHR6:22460115	SSF x Far_LoA	-5,8475975	-0,086	0,303
CHR6	22460381	CHR6:22460381	SSF x Far_LoA	-8,39583408	-0,006	0,315
CHR6	22460397	CHR6:22460397	SSF x Far_LoA	-7,72771512	0,105	0,304
CHR6	22460422	CHR6:22460422	SSF x Far_LoA	-10,4377049	0,016	0,310
CHR6	22460431	CHR6:22460431	SSF x Far_LoA	-10,6302528	-0,018	0,308
CHR6	22462592	CHR6:22462592	SSF x Far_LoA	-11,6032664	-0,109	0,302
CHR6	22462595	CHR6:22462595	SSF x Far_LoA	-8,31856579	-0,045	0,306
CHR6	22465150	CHR6:22465150	SSF x Far_LoA	-10,5198842	0,002	0,304
CHR6	22465171	CHR6:22465171	SSF x Far_LoA	-9,08517923	0,043	0,291

CHR6	22465174	CHR6:22465174	SSF x Far_LoA	-10,4803761	0,001	0,312
CHR6	22465183	CHR6:22465183	SSF x Far_LoA	-7,73836597	-0,084	0,316
CHR6	22465367	CHR6:22465367	SSF x Far_LoA	-8,68168754	-0,058	0,311
CHR6	22466811	CHR6:22466811	SSF x Far_LoA	-8,24060291	-0,008	0,309
CHR6	22466879	CHR6:22466879	SSF x Far_LoA	-8,89945413	-0,076	0,304
CHR6	22466921	CHR6:22466921	SSF x Far_LoA	-11,9473109	-0,024	0,320
CHR6	22473446	CHR6:22473446	SSF x Far_LoA	-3,51740971	0,172	0,295
CHR6	22473464	CHR6:22473464	SSF x Far_LoA	-8,67012563	-0,062	0,298
CHR6	22473880	CHR6:22473880	SSF x Far_LoA	-10,2954701	0,025	0,317
CHR6	22492352	CHR6:22492352	SSF x Far_LoA	-7,81804408	-0,054	0,325
CHR6	22495940	CHR6:22495940	SSF x Far_LoA	-8,88624487	-0,066	0,306
CHR6	22495954	CHR6:22495954	SSF x Far_LoA	-10,8660263	0,036	0,304
CHR6	22498909	CHR6:22498909	SSF x Far_LoA	-9,69318911	-0,059	0,309
CHR6	22501650	CHR6:22501650	SSF x Far_LoA	-9,13471591	-0,021	0,314
CHR6	22501733	CHR6:22501733	SSF x Far_LoA	-8,7138857	-0,016	0,319
CHR6	22501861	CHR6:22501861	SSF x Far_LoA	-8,64413776	-0,039	0,312
CHR6	22501977	CHR6:22501977	SSF x Far_LoA	-7,34684285	0,042	0,325
CHR6	22522799	CHR6:22522799	SSF x Far_LoA	-8,8077122	-0,131	0,292
CHR6	22522892	CHR6:22522892	SSF x Far_LoA	-9,01935439	-0,087	0,298
CHR6	22524394	CHR6:22524394	SSF x Far_LoA	-11,8807767	0,013	0,308
CHR6	22524488	CHR6:22524488	SSF x Far_LoA	-12,0030004	-0,011	0,303
CHR6	22540092	CHR6:22540092	SSF x Far_LoA	-10,027592	0,124	0,293
CHR6	22552113	CHR6:22552113	SSF x Far_LoA	-9,5085963	-0,060	0,313
CHR6	22552135	CHR6:22552135	SSF x Far_LoA	0,8578875	0,263	0,290
CHR6	22552137	CHR6:22552137	SSF x Far_LoA	-11,4584815	-0,067	0,311
CHR6	22552156	CHR6:22552156	SSF x Far_LoA	-8,12037603	-0,046	0,305
CHR6	22552168	CHR6:22552168	SSF x Far_LoA	-9,9961176	-0,040	0,305
CHR6	22552282	CHR6:22552282	SSF x Far_LoA	-10,0271796	-0,126	0,310
CHR6	22552284	CHR6:22552284	SSF x Far_LoA	-8,92961661	0,102	0,297
CHR6	2256564	CHR6:2256564	SSF x Far_LoA	-4,9943474	0,046	0,308
CHR6	2256815	CHR6:2256815	SSF x Far_LoA	-12,1097026	-0,047	0,301
CHR6	22568451	CHR6:22568451	SSF x Far_LoA	-6,34643674	0,187	0,292
CHR6	22584152	CHR6:22584152	SSF x Far_LoA	-7,2911212	-0,126	0,301
CHR6	22584178	CHR6:22584178	SSF x Far_LoA	-8,83226522	0,089	0,296
CHR6	22584220	CHR6:22584220	SSF x Far_LoA	-7,84568992	0,142	0,290
CHR6	22584234	CHR6:22584234	SSF x Far_LoA	-9,60857358	0,044	0,303
CHR6	22584235	CHR6:22584235	SSF x Far_LoA	-9,64604824	0,040	0,305
CHR6	22584237	CHR6:22584237	SSF x Far_LoA	-7,61481597	-0,149	0,291
CHR6	22609391	CHR6:22609391	SSF x Far_LoA	-3,81256433	0,223	0,294
CHR6	22609538	CHR6:22609538	SSF x Far_LoA	-8,0565071	-0,017	0,312
CHR6	22612870	CHR6:22612870	SSF x Far_LoA	-10,884115	0,089	0,304
CHR6	22612902	CHR6:22612902	SSF x Far_LoA	-9,10889087	-0,018	0,313
CHR6	22614159	CHR6:22614159	SSF x Far_LoA	-8,71416199	0,084	0,289
CHR6	22617180	CHR6:22617180	SSF x Far_LoA	-7,81779509	0,130	0,292
CHR6	22617221	CHR6:22617221	SSF x Far_LoA	-10,3752144	-0,026	0,303
CHR6	22620992	CHR6:22620992	SSF x Far_LoA	-9,66320769	0,094	0,301
CHR6	22627991	CHR6:22627991	SSF x Far_LoA	-10,8553436	-0,020	0,308
CHR6	22631013	CHR6:22631013	SSF x Far_LoA	-9,52456307	0,012	0,294
CHR6	2263401	CHR6:2263401	SSF x Far_LoA	-9,84528692	-0,040	0,308
CHR6	2263411	CHR6:2263411	SSF x Far_LoA	-3,37443438	0,057	0,307
CHR6	2263416	CHR6:2263416	SSF x Far_LoA	-10,1993594	0,122	0,308
CHR6	2263431	CHR6:2263431	SSF x Far_LoA	-9,313175	-0,041	0,301
CHR6	22649227	CHR6:22649227	SSF x Far_LoA	-7,4534162	-0,160	0,297

CHR6	22649230	CHR6:22649230	SSF x Far_LoA	-10,1389518	-0,053	0,308
CHR6	2265792	CHR6:2265792	SSF x Far_LoA	-8,12263994	0,010	0,308
CHR6	22661705	CHR6:22661705	SSF x Far_LoA	-9,82941129	0,046	0,303
CHR6	22668055	CHR6:22668055	SSF x Far_LoA	-5,33079991	-0,165	0,311
CHR6	22668064	CHR6:22668064	SSF x Far_LoA	-8,8112605	-0,118	0,307
CHR6	22668074	CHR6:22668074	SSF x Far_LoA	-6,46826345	-0,107	0,309
CHR6	22675795	CHR6:22675795	SSF x Far_LoA	-7,88845037	0,061	0,298
CHR6	22675796	CHR6:22675796	SSF x Far_LoA	-7,51033733	0,050	0,302
CHR6	22675907	CHR6:22675907	SSF x Far_LoA	-8,65164857	-0,008	0,309
CHR6	22686118	CHR6:22686118	SSF x Far_LoA	-8,92960642	0,059	0,298
CHR6	22686197	CHR6:22686197	SSF x Far_LoA	-8,85351485	0,005	0,302
CHR6	22686277	CHR6:22686277	SSF x Far_LoA	-9,42945879	-0,003	0,302
CHR6	22686328	CHR6:22686328	SSF x Far_LoA	-7,98542853	0,003	0,308
CHR6	22686338	CHR6:22686338	SSF x Far_LoA	-8,35653603	-0,002	0,316
CHR6	22686362	CHR6:22686362	SSF x Far_LoA	-8,11027573	0,049	0,293
CHR6	22686371	CHR6:22686371	SSF x Far_LoA	-10,7234448	-0,144	0,293
CHR6	22686374	CHR6:22686374	SSF x Far_LoA	-9,87625422	-0,134	0,298
CHR6	22694160	CHR6:22694160	SSF x Far_LoA	-9,88152843	-0,030	0,306
CHR6	22694234	CHR6:22694234	SSF x Far_LoA	-6,99109418	-0,123	0,319
CHR6	22707959	CHR6:22707959	SSF x Far_LoA	-10,6413706	-0,071	0,298
CHR6	22707993	CHR6:22707993	SSF x Far_LoA	-8,68205803	-0,042	0,298
CHR6	2271704	CHR6:2271704	SSF x Far_LoA	-5,66565255	0,099	0,283
CHR6	2271856	CHR6:2271856	SSF x Far_LoA	-8,18507079	0,089	0,297
CHR6	2272503	CHR6:2272503	SSF x Far_LoA	-9,24506616	0,160	0,297
CHR6	22725920	CHR6:22725920	SSF x Far_LoA	-7,82896109	0,034	0,289
CHR6	22729899	CHR6:22729899	SSF x Far_LoA	-6,53506436	0,092	0,310
CHR6	22729905	CHR6:22729905	SSF x Far_LoA	-6,69738339	0,088	0,310
CHR6	22729940	CHR6:22729940	SSF x Far_LoA	-10,5217106	0,064	0,316
CHR6	22729950	CHR6:22729950	SSF x Far_LoA	-9,12530315	0,025	0,311
CHR6	22729998	CHR6:22729998	SSF x Far_LoA	-11,7310489	0,051	0,308
CHR6	22749956	CHR6:22749956	SSF x Far_LoA	-10,3482542	0,060	0,321
CHR6	22773824	CHR6:22773824	SSF x Far_LoA	-9,65717275	0,101	0,309
CHR6	22778285	CHR6:22778285	SSF x Far_LoA	-11,5844509	-0,006	0,305
CHR6	22781295	CHR6:22781295	SSF x Far_LoA	-7,75117184	0,164	0,287
CHR6	22781475	CHR6:22781475	SSF x Far_LoA	-11,40539	0,017	0,312
CHR6	22781480	CHR6:22781480	SSF x Far_LoA	-8,08795787	0,078	0,286
CHR6	22781482	CHR6:22781482	SSF x Far_LoA	-8,24525961	0,040	0,296
CHR6	22785546	CHR6:22785546	SSF x Far_LoA	-8,89948848	0,142	0,306
CHR6	22785558	CHR6:22785558	SSF x Far_LoA	-9,84530612	-0,011	0,303
CHR6	22794030	CHR6:22794030	SSF x Far_LoA	-9,02391017	-0,090	0,288
CHR6	22794031	CHR6:22794031	SSF x Far_LoA	-6,41014237	-0,093	0,300
CHR6	22794088	CHR6:22794088	SSF x Far_LoA	-10,0193516	0,071	0,304
CHR6	22794177	CHR6:22794177	SSF x Far_LoA	-10,218718	-0,039	0,317
CHR6	22794290	CHR6:22794290	SSF x Far_LoA	-9,79159634	0,059	0,288
CHR6	22794349	CHR6:22794349	SSF x Far_LoA	-9,60567846	-0,044	0,295
CHR6	22797907	CHR6:22797907	SSF x Far_LoA	-11,1770511	-0,101	0,295
CHR6	22797978	CHR6:22797978	SSF x Far_LoA	-9,42039324	-0,014	0,304
CHR6	22798001	CHR6:22798001	SSF x Far_LoA	-10,1480797	0,033	0,310
CHR6	22798051	CHR6:22798051	SSF x Far_LoA	-10,3297618	0,081	0,300
CHR6	22798122	CHR6:22798122	SSF x Far_LoA	-9,60006647	0,108	0,309
CHR6	22798141	CHR6:22798141	SSF x Far_LoA	-8,00428678	0,024	0,302
CHR6	2280163	CHR6:2280163	SSF x Far_LoA	-10,7234217	-0,051	0,300
CHR6	2280179	CHR6:2280179	SSF x Far_LoA	-11,2872056	0,093	0,309

CHR6	2280202	CHR6:2280202	SSF x Far_LoA	-8,69480691	-0,179	0,301
CHR6	2280254	CHR6:2280254	SSF x Far_LoA	1,25824937	-0,130	0,295
CHR6	2280273	CHR6:2280273	SSF x Far_LoA	-6,02449962	-0,157	0,303
CHR6	2280298	CHR6:2280298	SSF x Far_LoA	-7,94676056	0,024	0,304
CHR6	2280315	CHR6:2280315	SSF x Far_LoA	-8,56549301	0,021	0,294
CHR6	22815216	CHR6:22815216	SSF x Far_LoA	-6,21106996	-0,094	0,323
CHR6	22815323	CHR6:22815323	SSF x Far_LoA	-7,67864777	-0,092	0,316
CHR6	22822492	CHR6:22822492	SSF x Far_LoA	-10,2462051	0,021	0,320
CHR6	22822495	CHR6:22822495	SSF x Far_LoA	-9,11184171	0,033	0,326
CHR6	22826373	CHR6:22826373	SSF x Far_LoA	-9,33547178	-0,149	0,306
CHR6	22828885	CHR6:22828885	SSF x Far_LoA	-11,2957349	0,084	0,301
CHR6	22828913	CHR6:22828913	SSF x Far_LoA	-11,672299	0,032	0,309
CHR6	22830563	CHR6:22830563	SSF x Far_LoA	-8,76709852	0,128	0,315
CHR6	22830580	CHR6:22830580	SSF x Far_LoA	-8,36319576	0,065	0,312
CHR6	22830638	CHR6:22830638	SSF x Far_LoA	-9,42777528	-0,051	0,299
CHR6	22830851	CHR6:22830851	SSF x Far_LoA	-2,50981352	-0,129	0,301
CHR6	22833524	CHR6:22833524	SSF x Far_LoA	-6,73251803	-0,094	0,302
CHR6	22833582	CHR6:22833582	SSF x Far_LoA	-8,21686173	-0,139	0,297
CHR6	22833685	CHR6:22833685	SSF x Far_LoA	-1,99748056	-0,168	0,315
CHR6	22833695	CHR6:22833695	SSF x Far_LoA	-9,85147975	0,128	0,294
CHR6	22851154	CHR6:22851154	SSF x Far_LoA	-10,6604737	0,012	0,298
CHR6	22851206	CHR6:22851206	SSF x Far_LoA	-10,2933102	-0,067	0,292
CHR6	22851274	CHR6:22851274	SSF x Far_LoA	-9,90383545	-0,041	0,306
CHR6	22851294	CHR6:22851294	SSF x Far_LoA	-9,7397079	0,017	0,301
CHR6	22851299	CHR6:22851299	SSF x Far_LoA	-7,54380479	-0,122	0,294
CHR6	22864358	CHR6:22864358	SSF x Far_LoA	-10,0365999	-0,083	0,319
CHR6	22870497	CHR6:22870497	SSF x Far_LoA	-7,08571241	-0,072	0,310
CHR6	22870503	CHR6:22870503	SSF x Far_LoA	-8,91570789	0,003	0,301
CHR6	22870556	CHR6:22870556	SSF x Far_LoA	-9,4114246	-0,129	0,297
CHR6	22870557	CHR6:22870557	SSF x Far_LoA	-8,29172378	-0,156	0,307
CHR6	22870570	CHR6:22870570	SSF x Far_LoA	-9,23128507	-0,130	0,305
CHR6	22870573	CHR6:22870573	SSF x Far_LoA	-8,26936167	0,080	0,314
CHR6	22870577	CHR6:22870577	SSF x Far_LoA	-7,58565951	-0,116	0,303
CHR6	22870578	CHR6:22870578	SSF x Far_LoA	-8,76881151	0,098	0,312
CHR6	22870625	CHR6:22870625	SSF x Far_LoA	-11,6541044	0,118	0,297
CHR6	22870718	CHR6:22870718	SSF x Far_LoA	-9,8206724	0,018	0,312
CHR6	22872722	CHR6:22872722	SSF x Far_LoA	-0,854651	0,097	0,315
CHR6	22872838	CHR6:22872838	SSF x Far_LoA	-8,05770831	0,177	0,295
CHR6	22872842	CHR6:22872842	SSF x Far_LoA	-8,58964895	0,005	0,300
CHR6	22872877	CHR6:22872877	SSF x Far_LoA	-10,8290886	0,023	0,301
CHR6	22882245	CHR6:22882245	SSF x Far_LoA	-9,76505546	-0,019	0,317
CHR6	22882263	CHR6:22882263	SSF x Far_LoA	-10,7290987	0,087	0,292
CHR6	22882506	CHR6:22882506	SSF x Far_LoA	-10,36886	0,003	0,317
CHR6	2288913	CHR6:2288913	SSF x Far_LoA	-8,60240966	-0,122	0,311
CHR6	22910508	CHR6:22910508	SSF x Far_LoA	-9,19666859	0,050	0,315
CHR6	22910599	CHR6:22910599	SSF x Far_LoA	-11,1156818	0,075	0,302
CHR6	22917299	CHR6:22917299	SSF x Far_LoA	-10,9379642	-0,009	0,312
CHR6	22926510	CHR6:22926510	SSF x Far_LoA	-11,2378521	-0,038	0,318
CHR6	22926529	CHR6:22926529	SSF x Far_LoA	-6,08864256	0,219	0,291
CHR6	22926735	CHR6:22926735	SSF x Far_LoA	-8,73583112	-0,068	0,302
CHR6	22926831	CHR6:22926831	SSF x Far_LoA	-9,91919696	0,026	0,324
CHR6	2292840	CHR6:2292840	SSF x Far_LoA	-12,0703882	-0,077	0,295
CHR6	2292958	CHR6:2292958	SSF x Far_LoA	-11,7875519	0,067	0,300

CHR6	2292959	CHR6:2292959	SSF x Far_LoA	-9,85872743	0,048	0,316
CHR6	22936830	CHR6:22936830	SSF x Far_LoA	-10,3015814	-0,049	0,294
CHR6	2294064	CHR6:2294064	SSF x Far_LoA	-5,10961812	0,015	0,312
CHR6	2294083	CHR6:2294083	SSF x Far_LoA	-10,7325554	0,012	0,304
CHR6	2294084	CHR6:2294084	SSF x Far_LoA	-9,3678412	0,038	0,303
CHR6	2294085	CHR6:2294085	SSF x Far_LoA	-9,35978239	0,034	0,301
CHR6	2294126	CHR6:2294126	SSF x Far_LoA	-7,15061412	-0,076	0,314
CHR6	22953712	CHR6:22953712	SSF x Far_LoA	-10,0275317	0,038	0,297
CHR6	22953735	CHR6:22953735	SSF x Far_LoA	-8,70253176	-0,081	0,305
CHR6	22955589	CHR6:22955589	SSF x Far_LoA	-11,3490677	-0,005	0,308
CHR6	22955666	CHR6:22955666	SSF x Far_LoA	-10,1321021	-0,025	0,317
CHR6	22955685	CHR6:22955685	SSF x Far_LoA	-10,1629584	-0,001	0,305
CHR6	22955814	CHR6:22955814	SSF x Far_LoA	-10,6902741	0,153	0,290
CHR6	22957185	CHR6:22957185	SSF x Far_LoA	-6,68206735	-0,173	0,308
CHR6	22957230	CHR6:22957230	SSF x Far_LoA	-11,3053981	-0,022	0,316
CHR6	22957449	CHR6:22957449	SSF x Far_LoA	-7,83301808	0,055	0,309
CHR6	22957500	CHR6:22957500	SSF x Far_LoA	-7,97738284	0,122	0,292
CHR6	22957521	CHR6:22957521	SSF x Far_LoA	-9,62893246	0,157	0,292
CHR6	22958327	CHR6:22958327	SSF x Far_LoA	-9,84634576	-0,027	0,307
CHR6	22958375	CHR6:22958375	SSF x Far_LoA	-10,3055693	0,116	0,299
CHR6	22984633	CHR6:22984633	SSF x Far_LoA	-8,41110069	0,052	0,303
CHR6	22992745	CHR6:22992745	SSF x Far_LoA	-7,67296291	-0,009	0,310
CHR6	22992778	CHR6:22992778	SSF x Far_LoA	-8,79188288	-0,026	0,309
CHR6	22993011	CHR6:22993011	SSF x Far_LoA	-8,79453551	0,037	0,301
CHR6	22998870	CHR6:22998870	SSF x Far_LoA	-9,75892807	0,006	0,293
CHR6	2299898	CHR6:2299898	SSF x Far_LoA	-3,92322208	-0,137	0,320
CHR6	23003764	CHR6:23003764	SSF x Far_LoA	-6,80522979	0,132	0,317
CHR6	23016933	CHR6:23016933	SSF x Far_LoA	-10,5259906	0,112	0,304
CHR6	23016938	CHR6:23016938	SSF x Far_LoA	-4,74277435	-0,237	0,300
CHR6	23017038	CHR6:23017038	SSF x Far_LoA	-4,14786782	0,226	0,295
CHR6	23017194	CHR6:23017194	SSF x Far_LoA	-7,28423674	-0,176	0,299
CHR6	23020961	CHR6:23020961	SSF x Far_LoA	-12,0307893	0,003	0,299
CHR6	23021009	CHR6:23021009	SSF x Far_LoA	-10,0200567	-0,143	0,301
CHR6	23024656	CHR6:23024656	SSF x Far_LoA	-9,49305106	-0,028	0,325
CHR6	23024740	CHR6:23024740	SSF x Far_LoA	-9,62799093	-0,001	0,316
CHR6	23027114	CHR6:23027114	SSF x Far_LoA	-8,88972707	0,045	0,311
CHR6	23027154	CHR6:23027154	SSF x Far_LoA	-9,18727936	-0,009	0,302
CHR6	23027322	CHR6:23027322	SSF x Far_LoA	-12,1249477	0,001	0,298
CHR6	23034409	CHR6:23034409	SSF x Far_LoA	-10,5959306	0,059	0,306
CHR6	23041989	CHR6:23041989	SSF x Far_LoA	-10,981763	0,056	0,311
CHR6	23051792	CHR6:23051792	SSF x Far_LoA	-12,3132858	-0,003	0,290
CHR6	23051833	CHR6:23051833	SSF x Far_LoA	-9,35314133	-0,120	0,314
CHR6	23051852	CHR6:23051852	SSF x Far_LoA	-10,925549	-0,031	0,282
CHR6	23052015	CHR6:23052015	SSF x Far_LoA	-6,86842958	0,071	0,307
CHR6	23060283	CHR6:23060283	SSF x Far_LoA	-11,4180551	-0,036	0,315
CHR6	23068549	CHR6:23068549	SSF x Far_LoA	-9,53425345	-0,083	0,298
CHR6	23068607	CHR6:23068607	SSF x Far_LoA	-7,24824897	-0,152	0,301
CHR6	23068613	CHR6:23068613	SSF x Far_LoA	-8,95212788	-0,016	0,312
CHR6	23068618	CHR6:23068618	SSF x Far_LoA	-9,69770932	-0,051	0,314
CHR6	23068634	CHR6:23068634	SSF x Far_LoA	-11,2549654	-0,071	0,309
CHR6	23068720	CHR6:23068720	SSF x Far_LoA	-12,1269044	-0,032	0,308
CHR6	23071357	CHR6:23071357	SSF x Far_LoA	-11,5998395	-0,028	0,314
CHR6	23071435	CHR6:23071435	SSF x Far_LoA	-10,9173359	-0,052	0,312

CHR6	23071453	CHR6:23071453	SSF x Far_LoA	-9,450306	-0,068	0,308
CHR6	23071488	CHR6:23071488	SSF x Far_LoA	-10,3918395	-0,057	0,300
CHR6	23073859	CHR6:23073859	SSF x Far_LoA	-11,5535304	-0,071	0,315
CHR6	23088508	CHR6:23088508	SSF x Far_LoA	-9,86206867	0,041	0,303
CHR6	23088523	CHR6:23088523	SSF x Far_LoA	-7,36395489	0,034	0,311
CHR6	23088768	CHR6:23088768	SSF x Far_LoA	-10,724714	0,093	0,296
CHR6	23088776	CHR6:23088776	SSF x Far_LoA	-10,7253858	-0,092	0,310
CHR6	23091188	CHR6:23091188	SSF x Far_LoA	-11,3404219	0,006	0,309
CHR6	2311890	CHR6:2311890	SSF x Far_LoA	-5,94218623	-0,010	0,318
CHR6	2311912	CHR6:2311912	SSF x Far_LoA	-8,21294056	-0,101	0,320
CHR6	2311922	CHR6:2311922	SSF x Far_LoA	-6,41636652	0,037	0,324
CHR6	2311926	CHR6:2311926	SSF x Far_LoA	-10,6672714	-0,084	0,310
CHR6	2311943	CHR6:2311943	SSF x Far_LoA	-8,61298123	0,196	0,304
CHR6	2311964	CHR6:2311964	SSF x Far_LoA	-10,9804502	-0,011	0,309
CHR6	2312047	CHR6:2312047	SSF x Far_LoA	-10,4753158	0,108	0,305
CHR6	23128201	CHR6:23128201	SSF x Far_LoA	-9,60716946	-0,009	0,304
CHR6	23130883	CHR6:23130883	SSF x Far_LoA	-12,1507932	-0,007	0,295
CHR6	23130903	CHR6:23130903	SSF x Far_LoA	-10,4426629	0,034	0,295
CHR6	2314305	CHR6:2314305	SSF x Far_LoA	-1,65098625	-0,123	0,295
CHR6	2314307	CHR6:2314307	SSF x Far_LoA	-1,57323839	-0,138	0,299
CHR6	2314348	CHR6:2314348	SSF x Far_LoA	-10,6548563	0,011	0,291
CHR6	2314380	CHR6:2314380	SSF x Far_LoA	-8,16784624	0,088	0,300
CHR6	23144412	CHR6:23144412	SSF x Far_LoA	-12,0102089	0,038	0,301
CHR6	23144440	CHR6:23144440	SSF x Far_LoA	-8,34730604	0,133	0,290
CHR6	2314456	CHR6:2314456	SSF x Far_LoA	-6,03031453	-0,125	0,307
CHR6	23144575	CHR6:23144575	SSF x Far_LoA	-9,51307715	-0,015	0,319
CHR6	2314471	CHR6:2314471	SSF x Far_LoA	-4,01515889	0,103	0,309
CHR6	2314544	CHR6:2314544	SSF x Far_LoA	-9,73148386	0,155	0,288
CHR6	23147291	CHR6:23147291	SSF x Far_LoA	-9,2919456	0,033	0,305
CHR6	23156983	CHR6:23156983	SSF x Far_LoA	-8,94993821	0,093	0,302
CHR6	23158679	CHR6:23158679	SSF x Far_LoA	-10,7600386	0,017	0,316
CHR6	23158688	CHR6:23158688	SSF x Far_LoA	-7,56592532	0,040	0,306
CHR6	23158733	CHR6:23158733	SSF x Far_LoA	-10,610565	-0,085	0,313
CHR6	23158781	CHR6:23158781	SSF x Far_LoA	-10,1574869	-0,010	0,299
CHR6	23158837	CHR6:23158837	SSF x Far_LoA	-5,84629988	-0,055	0,326
CHR6	23162539	CHR6:23162539	SSF x Far_LoA	-9,19849425	0,027	0,306
CHR6	23162603	CHR6:23162603	SSF x Far_LoA	-10,072858	-0,065	0,301
CHR6	23162673	CHR6:23162673	SSF x Far_LoA	-8,46771404	0,037	0,311
CHR6	23166539	CHR6:23166539	SSF x Far_LoA	-7,69721732	-0,012	0,307
CHR6	23166545	CHR6:23166545	SSF x Far_LoA	-9,68773924	-0,065	0,311
CHR6	23166564	CHR6:23166564	SSF x Far_LoA	-7,19776103	0,137	0,310
CHR6	23174157	CHR6:23174157	SSF x Far_LoA	-10,4559934	-0,005	0,309
CHR6	23174158	CHR6:23174158	SSF x Far_LoA	-7,13118335	-0,109	0,297
CHR6	23174177	CHR6:23174177	SSF x Far_LoA	-10,6912182	-0,078	0,314
CHR6	23174184	CHR6:23174184	SSF x Far_LoA	-10,6065378	-0,020	0,300
CHR6	23188944	CHR6:23188944	SSF x Far_LoA	5,58407249	-0,143	0,309
CHR6	23188993	CHR6:23188993	SSF x Far_LoA	-8,20004931	0,123	0,301
CHR6	23188996	CHR6:23188996	SSF x Far_LoA	-8,64723262	0,054	0,317
CHR6	23189266	CHR6:23189266	SSF x Far_LoA	-6,88634231	-0,047	0,320
CHR6	23191366	CHR6:23191366	SSF x Far_LoA	-9,83406721	-0,016	0,297
CHR6	23191439	CHR6:23191439	SSF x Far_LoA	-9,15586626	0,107	0,296
CHR6	23216162	CHR6:23216162	SSF x Far_LoA	-10,6522005	0,023	0,304
CHR6	23216235	CHR6:23216235	SSF x Far_LoA	-10,1161229	-0,108	0,310

CHR6	23216394	CHR6:23216394	SSF x Far_LoA	-11,307062	0,029	0,299
CHR6	23216403	CHR6:23216403	SSF x Far_LoA	-11,4041938	0,043	0,300
CHR6	23216420	CHR6:23216420	SSF x Far_LoA	-7,48926764	0,139	0,307
CHR6	23216428	CHR6:23216428	SSF x Far_LoA	-10,2036475	-0,043	0,308
CHR6	23223642	CHR6:23223642	SSF x Far_LoA	-9,53833734	0,046	0,304
CHR6	23223741	CHR6:23223741	SSF x Far_LoA	-8,07408832	0,083	0,314
CHR6	23245505	CHR6:23245505	SSF x Far_LoA	-5,1856498	-0,016	0,310
CHR6	23245511	CHR6:23245511	SSF x Far_LoA	-11,6884879	-0,046	0,318
CHR6	23245512	CHR6:23245512	SSF x Far_LoA	-7,39571656	0,032	0,306
CHR6	23248876	CHR6:23248876	SSF x Far_LoA	-9,51487624	0,110	0,288
CHR6	23248889	CHR6:23248889	SSF x Far_LoA	-8,85971716	-0,003	0,309
CHR6	23248932	CHR6:23248932	SSF x Far_LoA	-9,87609977	-0,031	0,303
CHR6	23248948	CHR6:23248948	SSF x Far_LoA	-7,57639717	0,138	0,301
CHR6	23248956	CHR6:23248956	SSF x Far_LoA	-8,77224625	0,091	0,309
CHR6	23248990	CHR6:23248990	SSF x Far_LoA	-10,5512188	0,049	0,310
CHR6	23254956	CHR6:23254956	SSF x Far_LoA	-8,98910427	0,041	0,310
CHR6	23260307	CHR6:23260307	SSF x Far_LoA	-9,85337351	0,144	0,313
CHR6	23270099	CHR6:23270099	SSF x Far_LoA	-9,90720296	-0,027	0,317
CHR6	23270142	CHR6:23270142	SSF x Far_LoA	-11,1697183	0,020	0,294
CHR6	23270188	CHR6:23270188	SSF x Far_LoA	-12,1221082	-0,014	0,301
CHR6	2327678	CHR6:2327678	SSF x Far_LoA	-10,1617094	0,076	0,307
CHR6	2327836	CHR6:2327836	SSF x Far_LoA	-10,2727186	0,069	0,306
CHR6	2329555	CHR6:2329555	SSF x Far_LoA	-9,05519526	-0,068	0,302
CHR6	2329626	CHR6:2329626	SSF x Far_LoA	-10,9308099	-0,092	0,301
CHR6	23304813	CHR6:23304813	SSF x Far_LoA	-7,41482195	0,075	0,316
CHR6	23321630	CHR6:23321630	SSF x Far_LoA	-11,5456188	-0,004	0,298
CHR6	23321721	CHR6:23321721	SSF x Far_LoA	-10,3924949	-0,063	0,315
CHR6	23345137	CHR6:23345137	SSF x Far_LoA	-9,84404797	0,021	0,300
CHR6	23351301	CHR6:23351301	SSF x Far_LoA	-12,2453288	-0,033	0,312
CHR6	23354120	CHR6:23354120	SSF x Far_LoA	-8,43240096	0,011	0,305
CHR6	23354123	CHR6:23354123	SSF x Far_LoA	-8,77534975	0,035	0,314
CHR6	23355498	CHR6:23355498	SSF x Far_LoA	-7,56437592	-0,112	0,306
CHR6	23377243	CHR6:23377243	SSF x Far_LoA	-8,61442736	-0,007	0,303
CHR6	2338226	CHR6:2338226	SSF x Far_LoA	-9,92325146	-0,165	0,300
CHR6	2338240	CHR6:2338240	SSF x Far_LoA	-11,4315038	0,021	0,301
CHR6	2338253	CHR6:2338253	SSF x Far_LoA	-8,61980465	0,028	0,299
CHR6	2338339	CHR6:2338339	SSF x Far_LoA	-7,94485746	0,072	0,302
CHR6	23389228	CHR6:23389228	SSF x Far_LoA	-11,2082191	0,147	0,293
CHR6	2340707	CHR6:2340707	SSF x Far_LoA	-7,92726655	-0,100	0,312
CHR6	2340797	CHR6:2340797	SSF x Far_LoA	-9,11609246	0,083	0,305
CHR6	2340804	CHR6:2340804	SSF x Far_LoA	-9,42020302	-0,118	0,305
CHR6	2340822	CHR6:2340822	SSF x Far_LoA	-8,7298591	0,008	0,296
CHR6	2341458	CHR6:2341458	SSF x Far_LoA	-10,9576815	0,047	0,306
CHR6	2341481	CHR6:2341481	SSF x Far_LoA	-9,31331787	-0,024	0,296
CHR6	2343236	CHR6:2343236	SSF x Far_LoA	-10,3879356	-0,014	0,305
CHR6	23452810	CHR6:23452810	SSF x Far_LoA	-8,0707342	-0,096	0,300
CHR6	23461514	CHR6:23461514	SSF x Far_LoA	-9,03244892	0,119	0,305
CHR6	23461525	CHR6:23461525	SSF x Far_LoA	-12,5144235	0,003	0,305
CHR6	23461591	CHR6:23461591	SSF x Far_LoA	-10,4640856	0,050	0,310
CHR6	23462356	CHR6:23462356	SSF x Far_LoA	-8,90539392	0,065	0,306
CHR6	23462428	CHR6:23462428	SSF x Far_LoA	-5,65759123	-0,181	0,308
CHR6	23465742	CHR6:23465742	SSF x Far_LoA	-8,20874096	0,002	0,321
CHR6	23465808	CHR6:23465808	SSF x Far_LoA	-7,32712174	0,018	0,314

CHR6	23465822	CHR6:23465822	SSF x Far_LoA	-10,4008257	0,045	0,310
CHR6	23465864	CHR6:23465864	SSF x Far_LoA	-9,4246532	0,021	0,319
CHR6	23465905	CHR6:23465905	SSF x Far_LoA	-9,0913429	-0,041	0,317
CHR6	23465932	CHR6:23465932	SSF x Far_LoA	-6,65978942	0,175	0,287
CHR6	23469292	CHR6:23469292	SSF x Far_LoA	-8,13122034	0,118	0,309
CHR6	23469513	CHR6:23469513	SSF x Far_LoA	-5,9323096	-0,101	0,291
CHR6	23472029	CHR6:23472029	SSF x Far_LoA	-9,22918039	0,007	0,317
CHR6	23472095	CHR6:23472095	SSF x Far_LoA	-9,66959998	0,027	0,292
CHR6	23472137	CHR6:23472137	SSF x Far_LoA	-11,5771271	-0,001	0,304
CHR6	23474960	CHR6:23474960	SSF x Far_LoA	-9,40837966	0,013	0,303
CHR6	23474989	CHR6:23474989	SSF x Far_LoA	-10,6715895	0,130	0,285
CHR6	234769	CHR6:234769	SSF x Far_LoA	-8,01516668	-0,110	0,300
CHR6	23478201	CHR6:23478201	SSF x Far_LoA	-9,17229817	0,130	0,303
CHR6	234808	CHR6:234808	SSF x Far_LoA	-6,07482874	-0,101	0,306
CHR6	234852	CHR6:234852	SSF x Far_LoA	-6,31282905	-0,116	0,301
CHR6	234889	CHR6:234889	SSF x Far_LoA	-6,75015016	0,064	0,302
CHR6	23499133	CHR6:23499133	SSF x Far_LoA	-10,0122651	-0,066	0,297
CHR6	23503092	CHR6:23503092	SSF x Far_LoA	-3,43219903	0,231	0,284
CHR6	23504416	CHR6:23504416	SSF x Far_LoA	-9,40560741	0,066	0,306
CHR6	23504434	CHR6:23504434	SSF x Far_LoA	-8,97946437	0,090	0,305
CHR6	23504447	CHR6:23504447	SSF x Far_LoA	-9,79707991	0,111	0,316
CHR6	23504472	CHR6:23504472	SSF x Far_LoA	-6,92082487	-0,158	0,308
CHR6	23504480	CHR6:23504480	SSF x Far_LoA	-8,79168699	-0,121	0,306
CHR6	23504485	CHR6:23504485	SSF x Far_LoA	-6,08243648	0,181	0,280
CHR6	23504495	CHR6:23504495	SSF x Far_LoA	-8,09471965	-0,194	0,296
CHR6	23504616	CHR6:23504616	SSF x Far_LoA	-11,6096597	-0,061	0,313
CHR6	23519546	CHR6:23519546	SSF x Far_LoA	-12,3456387	-0,005	0,303
CHR6	23519577	CHR6:23519577	SSF x Far_LoA	-8,03109386	0,076	0,287
CHR6	23519579	CHR6:23519579	SSF x Far_LoA	-8,72786976	0,016	0,301
CHR6	23519639	CHR6:23519639	SSF x Far_LoA	-7,84952917	0,059	0,295
CHR6	23531249	CHR6:23531249	SSF x Far_LoA	-11,8537754	-0,076	0,284
CHR6	23531291	CHR6:23531291	SSF x Far_LoA	-6,71009409	-0,113	0,297
CHR6	23531330	CHR6:23531330	SSF x Far_LoA	-9,79507635	-0,016	0,312
CHR6	23531533	CHR6:23531533	SSF x Far_LoA	-6,85045679	0,082	0,312
CHR6	23540679	CHR6:23540679	SSF x Far_LoA	-8,06113021	0,052	0,314
CHR6	23540720	CHR6:23540720	SSF x Far_LoA	-10,4341565	0,003	0,315
CHR6	23540759	CHR6:23540759	SSF x Far_LoA	-6,75505659	-0,112	0,302
CHR6	23540872	CHR6:23540872	SSF x Far_LoA	-3,68698423	-0,033	0,318
CHR6	2355224	CHR6:2355224	SSF x Far_LoA	-10,0926341	-0,074	0,300
CHR6	2355263	CHR6:2355263	SSF x Far_LoA	-9,5173817	0,037	0,302
CHR6	23559171	CHR6:23559171	SSF x Far_LoA	-11,4934522	-0,083	0,303
CHR6	23559196	CHR6:23559196	SSF x Far_LoA	-9,96149574	-0,110	0,307
CHR6	23559241	CHR6:23559241	SSF x Far_LoA	-10,0264121	-0,112	0,304
CHR6	23559325	CHR6:23559325	SSF x Far_LoA	-8,01206444	-0,110	0,318
CHR6	23562931	CHR6:23562931	SSF x Far_LoA	-8,04135911	-0,049	0,311
CHR6	23563058	CHR6:23563058	SSF x Far_LoA	-10,3163406	-0,062	0,295
CHR6	23566628	CHR6:23566628	SSF x Far_LoA	-9,7038078	0,079	0,313
CHR6	23570504	CHR6:23570504	SSF x Far_LoA	-9,13014526	0,155	0,283
CHR6	23570533	CHR6:23570533	SSF x Far_LoA	-6,55823086	0,147	0,299
CHR6	23570537	CHR6:23570537	SSF x Far_LoA	-0,43440788	0,148	0,296
CHR6	23570586	CHR6:23570586	SSF x Far_LoA	-8,8593639	0,126	0,296
CHR6	23570615	CHR6:23570615	SSF x Far_LoA	-5,41880118	-0,057	0,302
CHR6	23573678	CHR6:23573678	SSF x Far_LoA	-4,72452824	-0,113	0,290

CHR6	23573742	CHR6:23573742	SSF x Far_LoA	-10,880026	0,081	0,300
CHR6	23574663	CHR6:23574663	SSF x Far_LoA	-8,25077762	0,097	0,296
CHR6	23577357	CHR6:23577357	SSF x Far_LoA	-12,0304323	-0,025	0,302
CHR6	23585906	CHR6:23585906	SSF x Far_LoA	-11,9504934	0,037	0,313
CHR6	23592643	CHR6:23592643	SSF x Far_LoA	-7,97152031	-0,025	0,311
CHR6	23598379	CHR6:23598379	SSF x Far_LoA	-3,6555536	-0,076	0,309
CHR6	23605322	CHR6:23605322	SSF x Far_LoA	-8,68857362	-0,044	0,317
CHR6	2361987	CHR6:2361987	SSF x Far_LoA	-8,5150267	-0,174	0,303
CHR6	23622755	CHR6:23622755	SSF x Far_LoA	-10,137465	0,031	0,300
CHR6	23622785	CHR6:23622785	SSF x Far_LoA	-8,25042122	0,155	0,286
CHR6	23622818	CHR6:23622818	SSF x Far_LoA	-10,4951143	0,050	0,300
CHR6	23622821	CHR6:23622821	SSF x Far_LoA	-8,37037443	0,019	0,312
CHR6	23633506	CHR6:23633506	SSF x Far_LoA	-10,8421934	0,102	0,298
CHR6	23639242	CHR6:23639242	SSF x Far_LoA	-7,66458616	-0,120	0,303
CHR6	23639263	CHR6:23639263	SSF x Far_LoA	-9,71416117	0,005	0,293
CHR6	23639280	CHR6:23639280	SSF x Far_LoA	-7,5583563	-0,079	0,296
CHR6	23639281	CHR6:23639281	SSF x Far_LoA	-11,6151323	0,050	0,289
CHR6	23639310	CHR6:23639310	SSF x Far_LoA	0,27119299	0,110	0,299
CHR6	23639323	CHR6:23639323	SSF x Far_LoA	-9,97724724	-0,034	0,298
CHR6	23649389	CHR6:23649389	SSF x Far_LoA	-7,31332019	0,167	0,301
CHR6	23649475	CHR6:23649475	SSF x Far_LoA	-7,26080307	0,061	0,304
CHR6	23649535	CHR6:23649535	SSF x Far_LoA	-7,95615619	0,076	0,307
CHR6	23651689	CHR6:23651689	SSF x Far_LoA	-7,625184	-0,153	0,300
CHR6	23653301	CHR6:23653301	SSF x Far_LoA	-6,6743234	-0,178	0,306
CHR6	23656275	CHR6:23656275	SSF x Far_LoA	-9,15818093	-0,094	0,296
CHR6	23657798	CHR6:23657798	SSF x Far_LoA	-8,02603196	-0,066	0,307
CHR6	23657821	CHR6:23657821	SSF x Far_LoA	-8,46516397	0,082	0,299
CHR6	23657881	CHR6:23657881	SSF x Far_LoA	-9,00184319	0,016	0,317
CHR6	23657894	CHR6:23657894	SSF x Far_LoA	-9,16717601	0,001	0,318
CHR6	23660477	CHR6:23660477	SSF x Far_LoA	-8,97694898	-0,011	0,299
CHR6	23660901	CHR6:23660901	SSF x Far_LoA	-10,4295107	-0,108	0,307
CHR6	23660935	CHR6:23660935	SSF x Far_LoA	-7,85270634	-0,135	0,307
CHR6	23663591	CHR6:23663591	SSF x Far_LoA	-10,0598639	0,001	0,310
CHR6	23663790	CHR6:23663790	SSF x Far_LoA	-8,30606507	-0,056	0,316
CHR6	23669138	CHR6:23669138	SSF x Far_LoA	-10,0904229	0,023	0,306
CHR6	23670134	CHR6:23670134	SSF x Far_LoA	-8,716502	-0,001	0,322
CHR6	23673259	CHR6:23673259	SSF x Far_LoA	-8,06326403	0,016	0,309
CHR6	23673383	CHR6:23673383	SSF x Far_LoA	-8,75287732	0,038	0,317
CHR6	23673404	CHR6:23673404	SSF x Far_LoA	-7,79062515	-0,032	0,286
CHR6	23673412	CHR6:23673412	SSF x Far_LoA	-8,74534845	0,038	0,302
CHR6	23673427	CHR6:23673427	SSF x Far_LoA	-8,51823034	0,053	0,302
CHR6	23673477	CHR6:23673477	SSF x Far_LoA	-8,48757631	-0,010	0,305
CHR6	23682429	CHR6:23682429	SSF x Far_LoA	-11,0586866	-0,038	0,302
CHR6	23682435	CHR6:23682435	SSF x Far_LoA	-11,365356	0,017	0,308
CHR6	23683828	CHR6:23683828	SSF x Far_LoA	-9,53933065	0,089	0,284
CHR6	23683886	CHR6:23683886	SSF x Far_LoA	-9,71121461	-0,119	0,308
CHR6	23684009	CHR6:23684009	SSF x Far_LoA	-10,5036177	0,010	0,305
CHR6	23710191	CHR6:23710191	SSF x Far_LoA	-10,8804789	0,065	0,307
CHR6	23710236	CHR6:23710236	SSF x Far_LoA	-9,58449794	0,087	0,304
CHR6	23710258	CHR6:23710258	SSF x Far_LoA	-11,1515792	-0,040	0,302
CHR6	23718088	CHR6:23718088	SSF x Far_LoA	-7,61518279	-0,126	0,306
CHR6	23726249	CHR6:23726249	SSF x Far_LoA	-4,6486508	-0,105	0,316
CHR6	23730475	CHR6:23730475	SSF x Far_LoA	-10,3791596	-0,019	0,305

CHR6	23730549	CHR6:23730549	SSF x Far_LoA	-9,87318737	-0,050	0,317
CHR6	23786659	CHR6:23786659	SSF x Far_LoA	-0,48152915	-0,259	0,296
CHR6	2379576	CHR6:2379576	SSF x Far_LoA	-10,9162638	0,034	0,304
CHR6	2379581	CHR6:2379581	SSF x Far_LoA	-8,70514581	-0,049	0,314
CHR6	2379621	CHR6:2379621	SSF x Far_LoA	-11,3997194	-0,031	0,294
CHR6	2379648	CHR6:2379648	SSF x Far_LoA	-10,3871711	0,103	0,303
CHR6	2379659	CHR6:2379659	SSF x Far_LoA	-11,452808	0,033	0,310
CHR6	2379688	CHR6:2379688	SSF x Far_LoA	-10,5513981	-0,019	0,304
CHR6	2379698	CHR6:2379698	SSF x Far_LoA	-9,61968183	-0,102	0,305
CHR6	23802524	CHR6:23802524	SSF x Far_LoA	-8,17946629	-0,143	0,295
CHR6	23802541	CHR6:23802541	SSF x Far_LoA	-5,08191773	-0,179	0,304
CHR6	23805744	CHR6:23805744	SSF x Far_LoA	-9,1874514	-0,150	0,320
CHR6	23805792	CHR6:23805792	SSF x Far_LoA	-8,57122625	-0,151	0,312
CHR6	23817827	CHR6:23817827	SSF x Far_LoA	-9,35379143	0,036	0,304
CHR6	23819183	CHR6:23819183	SSF x Far_LoA	-7,86590037	0,068	0,310
CHR6	23819359	CHR6:23819359	SSF x Far_LoA	-9,03556435	-0,099	0,297
CHR6	2381992	CHR6:2381992	SSF x Far_LoA	-11,2268937	-0,095	0,303
CHR6	2383169	CHR6:2383169	SSF x Far_LoA	-9,52116149	-0,016	0,318
CHR6	2383218	CHR6:2383218	SSF x Far_LoA	-9,69948005	-0,101	0,307
CHR6	23834036	CHR6:23834036	SSF x Far_LoA	-8,27298854	-0,065	0,317
CHR6	2385057	CHR6:2385057	SSF x Far_LoA	-11,7478263	0,018	0,299
CHR6	2385271	CHR6:2385271	SSF x Far_LoA	-6,98907141	-0,055	0,297
CHR6	23875098	CHR6:23875098	SSF x Far_LoA	-11,2452653	0,085	0,295
CHR6	23880632	CHR6:23880632	SSF x Far_LoA	-11,9815394	-0,046	0,304
CHR6	23880671	CHR6:23880671	SSF x Far_LoA	-11,5347881	0,032	0,310
CHR6	23885054	CHR6:23885054	SSF x Far_LoA	-7,7725413	0,062	0,309
CHR6	23885238	CHR6:23885238	SSF x Far_LoA	-10,3913887	-0,037	0,312
CHR6	2390111	CHR6:2390111	SSF x Far_LoA	-9,45034907	-0,038	0,313
CHR6	2390215	CHR6:2390215	SSF x Far_LoA	-8,40347655	-0,068	0,302
CHR6	23912381	CHR6:23912381	SSF x Far_LoA	-9,4509605	-0,015	0,308
CHR6	23912388	CHR6:23912388	SSF x Far_LoA	-8,77107129	0,081	0,292
CHR6	23912403	CHR6:23912403	SSF x Far_LoA	-9,75167227	0,097	0,297
CHR6	23912557	CHR6:23912557	SSF x Far_LoA	-10,1584487	-0,032	0,305
CHR6	23912573	CHR6:23912573	SSF x Far_LoA	-7,66495242	-0,091	0,312
CHR6	23912597	CHR6:23912597	SSF x Far_LoA	-8,34100333	-0,095	0,305
CHR6	23912608	CHR6:23912608	SSF x Far_LoA	-7,19990981	0,090	0,296
CHR6	23922275	CHR6:23922275	SSF x Far_LoA	-11,4742523	-0,091	0,302
CHR6	23922330	CHR6:23922330	SSF x Far_LoA	-6,78243868	-0,165	0,302
CHR6	23922338	CHR6:23922338	SSF x Far_LoA	-10,9719564	-0,112	0,294
CHR6	23924604	CHR6:23924604	SSF x Far_LoA	-10,0482414	-0,109	0,301
CHR6	23929112	CHR6:23929112	SSF x Far_LoA	-10,7617601	0,052	0,298
CHR6	23929206	CHR6:23929206	SSF x Far_LoA	-10,0290699	0,024	0,314
CHR6	23929214	CHR6:23929214	SSF x Far_LoA	-10,6224225	0,020	0,312
CHR6	23929232	CHR6:23929232	SSF x Far_LoA	-6,16664802	0,021	0,298
CHR6	23929337	CHR6:23929337	SSF x Far_LoA	-8,7859491	0,087	0,286
CHR6	23930741	CHR6:23930741	SSF x Far_LoA	-9,31730412	0,127	0,293
CHR6	23930835	CHR6:23930835	SSF x Far_LoA	-8,91942454	0,124	0,301
CHR6	23930935	CHR6:23930935	SSF x Far_LoA	-10,7716366	-0,019	0,314
CHR6	23931028	CHR6:23931028	SSF x Far_LoA	-9,5226051	-0,001	0,306
CHR6	23934632	CHR6:23934632	SSF x Far_LoA	-9,94659031	0,040	0,306
CHR6	23951631	CHR6:23951631	SSF x Far_LoA	-11,4068169	-0,028	0,301
CHR6	23951702	CHR6:23951702	SSF x Far_LoA	-9,18425132	0,015	0,294
CHR6	2395231	CHR6:2395231	SSF x Far_LoA	-5,73694663	-0,162	0,318

CHR6	23968064	CHR6:23968064	SSF x Far_LoA	-8,28187604	-0,043	0,293
CHR6	23968163	CHR6:23968163	SSF x Far_LoA	-10,8354875	0,027	0,301
CHR6	23980581	CHR6:23980581	SSF x Far_LoA	-10,0060049	0,040	0,302
CHR6	24017433	CHR6:24017433	SSF x Far_LoA	-10,6528695	-0,104	0,305
CHR6	24017447	CHR6:24017447	SSF x Far_LoA	-8,32781404	0,044	0,313
CHR6	24026362	CHR6:24026362	SSF x Far_LoA	-8,63232007	0,089	0,302
CHR6	24026399	CHR6:24026399	SSF x Far_LoA	-1,92127462	-0,043	0,330
CHR6	24028256	CHR6:24028256	SSF x Far_LoA	-9,3697241	-0,006	0,310
CHR6	24028263	CHR6:24028263	SSF x Far_LoA	-8,18878329	-0,054	0,320
CHR6	24028279	CHR6:24028279	SSF x Far_LoA	-8,5968841	-0,054	0,316
CHR6	24030885	CHR6:24030885	SSF x Far_LoA	-11,0149319	0,004	0,310
CHR6	24030922	CHR6:24030922	SSF x Far_LoA	-9,76442628	-0,046	0,314
CHR6	24030934	CHR6:24030934	SSF x Far_LoA	-9,37656086	-0,061	0,312
CHR6	24042288	CHR6:24042288	SSF x Far_LoA	-9,63760716	-0,041	0,310
CHR6	24042388	CHR6:24042388	SSF x Far_LoA	-8,95555817	-0,144	0,296
CHR6	24042546	CHR6:24042546	SSF x Far_LoA	-7,7673305	0,065	0,316
CHR6	24065431	CHR6:24065431	SSF x Far_LoA	-8,65473549	0,036	0,315
CHR6	24065472	CHR6:24065472	SSF x Far_LoA	-10,3449978	0,020	0,317
CHR6	24065474	CHR6:24065474	SSF x Far_LoA	-9,29263175	0,024	0,317
CHR6	240786	CHR6:240786	SSF x Far_LoA	-8,58612408	0,165	0,279
CHR6	2408334	CHR6:2408334	SSF x Far_LoA	-8,7876943	-0,015	0,308
CHR6	2408450	CHR6:2408450	SSF x Far_LoA	-10,5758079	0,053	0,312
CHR6	24086179	CHR6:24086179	SSF x Far_LoA	-7,48549304	-0,108	0,290
CHR6	24086187	CHR6:24086187	SSF x Far_LoA	-10,1214485	0,041	0,309
CHR6	24086473	CHR6:24086473	SSF x Far_LoA	-10,8277769	0,034	0,297
CHR6	24086502	CHR6:24086502	SSF x Far_LoA	-8,10130934	-0,031	0,299
CHR6	24086553	CHR6:24086553	SSF x Far_LoA	-9,88899827	-0,070	0,317
CHR6	24086579	CHR6:24086579	SSF x Far_LoA	-6,72247413	-0,170	0,299
CHR6	24093891	CHR6:24093891	SSF x Far_LoA	-7,92136476	0,156	0,300
CHR6	24095007	CHR6:24095007	SSF x Far_LoA	-9,73583711	-0,127	0,318
CHR6	24095025	CHR6:24095025	SSF x Far_LoA	-8,74681297	-0,043	0,303
CHR6	24095031	CHR6:24095031	SSF x Far_LoA	-8,04906207	-0,095	0,318
CHR6	24095101	CHR6:24095101	SSF x Far_LoA	-8,24696436	0,101	0,312
CHR6	24097389	CHR6:24097389	SSF x Far_LoA	-10,3877734	0,080	0,315
CHR6	24097430	CHR6:24097430	SSF x Far_LoA	-9,73952119	-0,026	0,310
CHR6	2409976	CHR6:2409976	SSF x Far_LoA	-9,41103361	-0,011	0,298
CHR6	2410023	CHR6:2410023	SSF x Far_LoA	-7,92503919	0,059	0,306
CHR6	2410048	CHR6:2410048	SSF x Far_LoA	-9,18788054	0,075	0,313
CHR6	2410128	CHR6:2410128	SSF x Far_LoA	-7,27817489	0,055	0,316
CHR6	24105161	CHR6:24105161	SSF x Far_LoA	-7,96722239	0,090	0,294
CHR6	24105229	CHR6:24105229	SSF x Far_LoA	-5,44422918	0,170	0,294
CHR6	24105236	CHR6:24105236	SSF x Far_LoA	-10,7157241	0,131	0,297
CHR6	24105302	CHR6:24105302	SSF x Far_LoA	-6,25919083	0,173	0,296
CHR6	24112960	CHR6:24112960	SSF x Far_LoA	-11,6321162	-0,072	0,307
CHR6	24121753	CHR6:24121753	SSF x Far_LoA	-9,9622074	0,125	0,293
CHR6	24121803	CHR6:24121803	SSF x Far_LoA	-10,4393723	0,040	0,305
CHR6	24121918	CHR6:24121918	SSF x Far_LoA	-8,68164457	-0,131	0,294
CHR6	24133545	CHR6:24133545	SSF x Far_LoA	-8,49872259	-0,042	0,315
CHR6	24133594	CHR6:24133594	SSF x Far_LoA	-7,02677029	-0,087	0,311
CHR6	24133633	CHR6:24133633	SSF x Far_LoA	-9,13632167	-0,024	0,303
CHR6	24133637	CHR6:24133637	SSF x Far_LoA	-9,3672451	0,141	0,298
CHR6	24133648	CHR6:24133648	SSF x Far_LoA	-11,097934	0,008	0,304
CHR6	24133652	CHR6:24133652	SSF x Far_LoA	-8,2888273	0,106	0,306

CHR6	24133746	CHR6:24133746	SSF x Far_LoA	-8,46902552	-0,011	0,321
CHR6	24135337	CHR6:24135337	SSF x Far_LoA	1,71794237	-0,113	0,299
CHR6	24135524	CHR6:24135524	SSF x Far_LoA	-8,5733663	0,053	0,313
CHR6	24157153	CHR6:24157153	SSF x Far_LoA	-7,23041382	-0,144	0,295
CHR6	24157206	CHR6:24157206	SSF x Far_LoA	-7,03807005	0,031	0,299
CHR6	24157307	CHR6:24157307	SSF x Far_LoA	-9,35333919	0,004	0,301
CHR6	24157313	CHR6:24157313	SSF x Far_LoA	-5,2547856	-0,134	0,280
CHR6	24157353	CHR6:24157353	SSF x Far_LoA	-8,42877617	-0,011	0,298
CHR6	24157360	CHR6:24157360	SSF x Far_LoA	-9,776071	-0,129	0,301
CHR6	24157382	CHR6:24157382	SSF x Far_LoA	-5,6408748	-0,146	0,299
CHR6	2415969	CHR6:2415969	SSF x Far_LoA	-9,48433632	0,013	0,304
CHR6	24164774	CHR6:24164774	SSF x Far_LoA	-8,97823171	-0,021	0,302
CHR6	24164779	CHR6:24164779	SSF x Far_LoA	-9,70090499	0,002	0,315
CHR6	24164802	CHR6:24164802	SSF x Far_LoA	-9,30662282	-0,044	0,319
CHR6	24164809	CHR6:24164809	SSF x Far_LoA	-7,93083798	-0,052	0,309
CHR6	24164817	CHR6:24164817	SSF x Far_LoA	-9,13327641	0,093	0,294
CHR6	24164882	CHR6:24164882	SSF x Far_LoA	-11,4002212	0,006	0,333
CHR6	24164897	CHR6:24164897	SSF x Far_LoA	0,57091684	-0,106	0,303
CHR6	24164916	CHR6:24164916	SSF x Far_LoA	-10,6312262	0,049	0,290
CHR6	24164957	CHR6:24164957	SSF x Far_LoA	-4,75887931	-0,074	0,312
CHR6	24164967	CHR6:24164967	SSF x Far_LoA	-5,85990776	-0,091	0,308
CHR6	24164987	CHR6:24164987	SSF x Far_LoA	-10,136389	0,044	0,305
CHR6	24164988	CHR6:24164988	SSF x Far_LoA	-11,9769477	0,026	0,302
CHR6	24164997	CHR6:24164997	SSF x Far_LoA	-10,140328	0,072	0,300
CHR6	24164999	CHR6:24164999	SSF x Far_LoA	-11,0741642	0,095	0,301
CHR6	24165001	CHR6:24165001	SSF x Far_LoA	-8,61420001	0,114	0,291
CHR6	24165006	CHR6:24165006	SSF x Far_LoA	-10,4493607	0,090	0,295
CHR6	24168647	CHR6:24168647	SSF x Far_LoA	-10,5956364	-0,006	0,302
CHR6	24168674	CHR6:24168674	SSF x Far_LoA	-10,2357373	0,018	0,307
CHR6	24171890	CHR6:24171890	SSF x Far_LoA	-5,87224806	0,132	0,305
CHR6	24171935	CHR6:24171935	SSF x Far_LoA	-7,62276482	0,161	0,289
CHR6	24172001	CHR6:24172001	SSF x Far_LoA	-7,04612072	0,190	0,300
CHR6	24172017	CHR6:24172017	SSF x Far_LoA	-8,98065856	-0,123	0,307
CHR6	24172026	CHR6:24172026	SSF x Far_LoA	-3,63008739	-0,184	0,292
CHR6	24174492	CHR6:24174492	SSF x Far_LoA	-7,69476842	0,192	0,279
CHR6	24174529	CHR6:24174529	SSF x Far_LoA	-11,1885007	0,073	0,301
CHR6	24174551	CHR6:24174551	SSF x Far_LoA	-0,50743354	0,180	0,303
CHR6	24174553	CHR6:24174553	SSF x Far_LoA	-3,26980508	0,202	0,310
CHR6	24175754	CHR6:24175754	SSF x Far_LoA	-9,9293588	-0,004	0,324
CHR6	24175755	CHR6:24175755	SSF x Far_LoA	-8,70053689	-0,041	0,311
CHR6	24175812	CHR6:24175812	SSF x Far_LoA	-7,87364107	0,101	0,295
CHR6	24175838	CHR6:24175838	SSF x Far_LoA	-9,80335551	-0,068	0,310
CHR6	24175937	CHR6:24175937	SSF x Far_LoA	-6,05098028	-0,210	0,304
CHR6	24176018	CHR6:24176018	SSF x Far_LoA	-7,93823823	0,080	0,304
CHR6	24176020	CHR6:24176020	SSF x Far_LoA	-8,32932272	0,089	0,303
CHR6	2418031	CHR6:2418031	SSF x Far_LoA	-9,18286938	-0,054	0,299
CHR6	2418044	CHR6:2418044	SSF x Far_LoA	-10,2356775	0,024	0,311
CHR6	2418088	CHR6:2418088	SSF x Far_LoA	-7,42221612	-0,150	0,302
CHR6	2418103	CHR6:2418103	SSF x Far_LoA	-11,2105182	-0,020	0,317
CHR6	2418211	CHR6:2418211	SSF x Far_LoA	-10,7606308	-0,069	0,305
CHR6	24192775	CHR6:24192775	SSF x Far_LoA	-10,2280157	-0,001	0,323
CHR6	24192825	CHR6:24192825	SSF x Far_LoA	-9,64588031	0,029	0,303
CHR6	24192860	CHR6:24192860	SSF x Far_LoA	-9,57554724	0,007	0,313

CHR6	24198611	CHR6:24198611	SSF x Far_LoA	-10,7257028	-0,107	0,298
CHR6	24198699	CHR6:24198699	SSF x Far_LoA	-10,9474312	0,063	0,305
CHR6	24203582	CHR6:24203582	SSF x Far_LoA	-6,92477711	0,102	0,310
CHR6	24203670	CHR6:24203670	SSF x Far_LoA	-9,79807833	-0,049	0,294
CHR6	24203713	CHR6:24203713	SSF x Far_LoA	-9,35114651	0,013	0,317
CHR6	24203743	CHR6:24203743	SSF x Far_LoA	-11,4527679	-0,064	0,305
CHR6	24203783	CHR6:24203783	SSF x Far_LoA	-11,4023414	-0,042	0,307
CHR6	24203814	CHR6:24203814	SSF x Far_LoA	-12,2255045	-0,048	0,309
CHR6	2420854	CHR6:2420854	SSF x Far_LoA	-11,9515463	0,002	0,300
CHR6	24219160	CHR6:24219160	SSF x Far_LoA	-4,08632138	-0,173	0,303
CHR6	24219161	CHR6:24219161	SSF x Far_LoA	-7,57475477	-0,161	0,316
CHR6	24220620	CHR6:24220620	SSF x Far_LoA	-11,1943129	-0,050	0,302
CHR6	24228568	CHR6:24228568	SSF x Far_LoA	-12,1093933	-0,029	0,308
CHR6	24228685	CHR6:24228685	SSF x Far_LoA	-9,85515121	-0,055	0,305
CHR6	24228686	CHR6:24228686	SSF x Far_LoA	-9,77670384	-0,030	0,298
CHR6	24228697	CHR6:24228697	SSF x Far_LoA	-6,21396541	0,020	0,306
CHR6	24228700	CHR6:24228700	SSF x Far_LoA	-8,627339	0,038	0,308
CHR6	24234791	CHR6:24234791	SSF x Far_LoA	-11,3624187	0,005	0,308
CHR6	24234807	CHR6:24234807	SSF x Far_LoA	-9,18427774	-0,012	0,305
CHR6	24234873	CHR6:24234873	SSF x Far_LoA	-10,7816983	0,064	0,312
CHR6	24238814	CHR6:24238814	SSF x Far_LoA	-9,63882078	-0,091	0,307
CHR6	24240560	CHR6:24240560	SSF x Far_LoA	-9,62612571	0,026	0,309
CHR6	24240570	CHR6:24240570	SSF x Far_LoA	-5,15469365	0,012	0,303
CHR6	2424117	CHR6:2424117	SSF x Far_LoA	-9,98332133	-0,054	0,308
CHR6	2424233	CHR6:2424233	SSF x Far_LoA	-9,17871769	0,003	0,308
CHR6	24259964	CHR6:24259964	SSF x Far_LoA	-7,55924003	-0,045	0,313
CHR6	24260041	CHR6:24260041	SSF x Far_LoA	-9,56216925	0,095	0,302
CHR6	24260044	CHR6:24260044	SSF x Far_LoA	-9,81700017	0,105	0,296
CHR6	24260057	CHR6:24260057	SSF x Far_LoA	-11,3319274	0,138	0,307
CHR6	24260147	CHR6:24260147	SSF x Far_LoA	-11,4194921	0,014	0,302
CHR6	24260176	CHR6:24260176	SSF x Far_LoA	-9,77172345	-0,003	0,302
CHR6	24260254	CHR6:24260254	SSF x Far_LoA	-7,80838087	-0,015	0,309
CHR6	24266428	CHR6:24266428	SSF x Far_LoA	-8,09374896	0,168	0,298
CHR6	24266507	CHR6:24266507	SSF x Far_LoA	-9,56449915	-0,059	0,309
CHR6	24266622	CHR6:24266622	SSF x Far_LoA	-9,4651721	-0,100	0,294
CHR6	24266626	CHR6:24266626	SSF x Far_LoA	-11,0142731	0,040	0,304
CHR6	24266652	CHR6:24266652	SSF x Far_LoA	-6,82853941	0,122	0,310
CHR6	24266660	CHR6:24266660	SSF x Far_LoA	-7,73790555	0,119	0,315
CHR6	24266677	CHR6:24266677	SSF x Far_LoA	-8,89052549	-0,064	0,309
CHR6	24266680	CHR6:24266680	SSF x Far_LoA	-9,38611147	0,059	0,293
CHR6	2427738	CHR6:2427738	SSF x Far_LoA	-8,54683243	-0,018	0,301
CHR6	2427767	CHR6:2427767	SSF x Far_LoA	-11,482116	-0,099	0,295
CHR6	2427777	CHR6:2427777	SSF x Far_LoA	-7,84466224	-0,108	0,295
CHR6	2427907	CHR6:2427907	SSF x Far_LoA	-9,60704751	-0,056	0,307
CHR6	24284953	CHR6:24284953	SSF x Far_LoA	-9,88472876	0,016	0,302
CHR6	24285009	CHR6:24285009	SSF x Far_LoA	-9,32644067	0,003	0,298
CHR6	24285069	CHR6:24285069	SSF x Far_LoA	-11,8183456	-0,043	0,314
CHR6	24285071	CHR6:24285071	SSF x Far_LoA	-12,0486458	-0,023	0,303
CHR6	24285099	CHR6:24285099	SSF x Far_LoA	-9,46622316	-0,034	0,298
CHR6	24293151	CHR6:24293151	SSF x Far_LoA	-8,16920455	0,161	0,295
CHR6	24295355	CHR6:24295355	SSF x Far_LoA	-5,00247968	-0,216	0,295
CHR6	24297440	CHR6:24297440	SSF x Far_LoA	-8,39259755	-0,137	0,300
CHR6	2430447	CHR6:2430447	SSF x Far_LoA	-6,2096269	-0,055	0,312

CHR6	2430465	CHR6:2430465	SSF x Far_LoA	-9,25044334	-0,021	0,311
CHR6	2430466	CHR6:2430466	SSF x Far_LoA	-11,3699441	-0,090	0,300
CHR6	2430523	CHR6:2430523	SSF x Far_LoA	-9,69177825	0,009	0,315
CHR6	2430549	CHR6:2430549	SSF x Far_LoA	-10,9766509	-0,106	0,311
CHR6	24316580	CHR6:24316580	SSF x Far_LoA	-9,53785131	-0,069	0,321
CHR6	2432256	CHR6:2432256	SSF x Far_LoA	-11,6637318	-0,052	0,316
CHR6	2432257	CHR6:2432257	SSF x Far_LoA	-11,4840579	-0,037	0,313
CHR6	2432261	CHR6:2432261	SSF x Far_LoA	-10,4803628	-0,089	0,292
CHR6	24324724	CHR6:24324724	SSF x Far_LoA	-8,63762062	-0,034	0,318
CHR6	24324819	CHR6:24324819	SSF x Far_LoA	-10,2966947	0,135	0,310
CHR6	24324830	CHR6:24324830	SSF x Far_LoA	-9,58550908	0,153	0,291
CHR6	2434154	CHR6:2434154	SSF x Far_LoA	-6,6110238	-0,176	0,316
CHR6	2434172	CHR6:2434172	SSF x Far_LoA	-9,12980001	0,049	0,302
CHR6	2434266	CHR6:2434266	SSF x Far_LoA	-9,8067832	0,075	0,290
CHR6	2434286	CHR6:2434286	SSF x Far_LoA	-6,10997056	-0,164	0,300
CHR6	2434311	CHR6:2434311	SSF x Far_LoA	-8,38305248	0,069	0,316
CHR6	24352026	CHR6:24352026	SSF x Far_LoA	-10,4790858	-0,059	0,303
CHR6	24352042	CHR6:24352042	SSF x Far_LoA	-7,00331566	-0,141	0,312
CHR6	24352083	CHR6:24352083	SSF x Far_LoA	-2,5761494	0,039	0,320
CHR6	24352087	CHR6:24352087	SSF x Far_LoA	-12,5479729	-0,015	0,301
CHR6	24352142	CHR6:24352142	SSF x Far_LoA	-9,52141388	-0,091	0,304
CHR6	24356299	CHR6:24356299	SSF x Far_LoA	-10,9549733	-0,036	0,305
CHR6	24356344	CHR6:24356344	SSF x Far_LoA	-10,0001939	-0,060	0,293
CHR6	24356368	CHR6:24356368	SSF x Far_LoA	-9,65488942	-0,088	0,309
CHR6	24360300	CHR6:24360300	SSF x Far_LoA	-9,74415758	0,165	0,305
CHR6	24364307	CHR6:24364307	SSF x Far_LoA	-9,65379913	0,022	0,309
CHR6	24364346	CHR6:24364346	SSF x Far_LoA	-11,2380778	0,018	0,303
CHR6	24367724	CHR6:24367724	SSF x Far_LoA	-6,11414774	0,099	0,303
CHR6	24367737	CHR6:24367737	SSF x Far_LoA	-6,30619313	0,115	0,310
CHR6	24367787	CHR6:24367787	SSF x Far_LoA	-11,4824858	-0,005	0,298
CHR6	24367839	CHR6:24367839	SSF x Far_LoA	-6,2956657	-0,030	0,310
CHR6	24367933	CHR6:24367933	SSF x Far_LoA	-10,8382486	-0,021	0,319
CHR6	24370462	CHR6:24370462	SSF x Far_LoA	-8,80886792	0,039	0,300
CHR6	24370498	CHR6:24370498	SSF x Far_LoA	-10,4899005	0,055	0,305
CHR6	24370500	CHR6:24370500	SSF x Far_LoA	-7,67421384	0,056	0,296
CHR6	24370984	CHR6:24370984	SSF x Far_LoA	-11,5000707	-0,011	0,317
CHR6	24376895	CHR6:24376895	SSF x Far_LoA	-8,73944308	-0,023	0,312
CHR6	24376932	CHR6:24376932	SSF x Far_LoA	-9,61453942	0,033	0,304
CHR6	24376934	CHR6:24376934	SSF x Far_LoA	-8,34567138	-0,047	0,299
CHR6	24376948	CHR6:24376948	SSF x Far_LoA	-9,58857605	-0,011	0,310
CHR6	24376949	CHR6:24376949	SSF x Far_LoA	-8,05558096	-0,049	0,306
CHR6	24376963	CHR6:24376963	SSF x Far_LoA	-7,69065993	-0,089	0,314
CHR6	24376984	CHR6:24376984	SSF x Far_LoA	-8,39004931	-0,102	0,299
CHR6	24377040	CHR6:24377040	SSF x Far_LoA	-7,64353501	0,094	0,297
CHR6	24382410	CHR6:24382410	SSF x Far_LoA	-11,1593426	-0,006	0,316
CHR6	24382431	CHR6:24382431	SSF x Far_LoA	-7,33285997	0,034	0,292
CHR6	24382445	CHR6:24382445	SSF x Far_LoA	-9,57559732	-0,006	0,309
CHR6	24382481	CHR6:24382481	SSF x Far_LoA	-8,88508249	0,062	0,320
CHR6	24382797	CHR6:24382797	SSF x Far_LoA	-11,2699226	0,004	0,304
CHR6	24386863	CHR6:24386863	SSF x Far_LoA	-8,6795063	0,103	0,311
CHR6	24386934	CHR6:24386934	SSF x Far_LoA	-7,60482932	0,112	0,315
CHR6	24386962	CHR6:24386962	SSF x Far_LoA	-12,2287703	0,015	0,304
CHR6	2439159	CHR6:2439159	SSF x Far_LoA	-6,97946457	-0,074	0,318

CHR6	24394600	CHR6:24394600	SSF x Far_LoA	-10,9630479	-0,071	0,297
CHR6	24394637	CHR6:24394637	SSF x Far_LoA	-11,7638263	0,020	0,295
CHR6	24394873	CHR6:24394873	SSF x Far_LoA	-6,96705707	0,109	0,299
CHR6	24394886	CHR6:24394886	SSF x Far_LoA	-8,79073715	-0,115	0,316
CHR6	24394908	CHR6:24394908	SSF x Far_LoA	-9,16782563	-0,018	0,325
CHR6	24405675	CHR6:24405675	SSF x Far_LoA	-8,84992643	0,039	0,304
CHR6	24405737	CHR6:24405737	SSF x Far_LoA	-8,63754114	-0,003	0,309
CHR6	24415277	CHR6:24415277	SSF x Far_LoA	-7,67284276	0,024	0,300
CHR6	24425172	CHR6:24425172	SSF x Far_LoA	-10,1251072	-0,039	0,314
CHR6	24425211	CHR6:24425211	SSF x Far_LoA	-9,32804891	-0,036	0,317
CHR6	24425385	CHR6:24425385	SSF x Far_LoA	-9,61213131	0,001	0,314
CHR6	24425415	CHR6:24425415	SSF x Far_LoA	-9,73016349	0,107	0,306
CHR6	24425421	CHR6:24425421	SSF x Far_LoA	-9,37321435	0,102	0,297
CHR6	24425428	CHR6:24425428	SSF x Far_LoA	-9,51253825	0,100	0,302
CHR6	24425437	CHR6:24425437	SSF x Far_LoA	-8,85960498	0,148	0,306
CHR6	24425439	CHR6:24425439	SSF x Far_LoA	-10,6944777	0,103	0,307
CHR6	24425441	CHR6:24425441	SSF x Far_LoA	-10,4130278	0,127	0,301
CHR6	24425492	CHR6:24425492	SSF x Far_LoA	-9,58978735	-0,049	0,306
CHR6	24438794	CHR6:24438794	SSF x Far_LoA	-8,51550155	0,045	0,296
CHR6	24438800	CHR6:24438800	SSF x Far_LoA	-8,58191252	0,040	0,317
CHR6	24438811	CHR6:24438811	SSF x Far_LoA	-9,43997663	0,154	0,301
CHR6	24438815	CHR6:24438815	SSF x Far_LoA	-11,2537872	0,067	0,301
CHR6	24438826	CHR6:24438826	SSF x Far_LoA	-6,67697615	-0,194	0,279
CHR6	24438830	CHR6:24438830	SSF x Far_LoA	-10,9868723	0,073	0,309
CHR6	24438879	CHR6:24438879	SSF x Far_LoA	-7,86781389	0,097	0,304
CHR6	24438916	CHR6:24438916	SSF x Far_LoA	-10,5814185	0,015	0,308
CHR6	24439634	CHR6:24439634	SSF x Far_LoA	-6,66216061	0,020	0,327
CHR6	24440532	CHR6:24440532	SSF x Far_LoA	-11,1626276	0,044	0,306
CHR6	24440572	CHR6:24440572	SSF x Far_LoA	-11,4497911	-0,009	0,313
CHR6	24458536	CHR6:24458536	SSF x Far_LoA	-8,57385035	-0,106	0,303
CHR6	24458538	CHR6:24458538	SSF x Far_LoA	-10,0222352	-0,053	0,303
CHR6	24458572	CHR6:24458572	SSF x Far_LoA	-8,79693912	0,048	0,314
CHR6	24460408	CHR6:24460408	SSF x Far_LoA	-8,58650071	-0,028	0,308
CHR6	24461674	CHR6:24461674	SSF x Far_LoA	-10,5299529	0,095	0,302
CHR6	24461778	CHR6:24461778	SSF x Far_LoA	-8,8121236	-0,066	0,298
CHR6	24461779	CHR6:24461779	SSF x Far_LoA	-11,1646518	0,033	0,307
CHR6	24461787	CHR6:24461787	SSF x Far_LoA	-10,2699267	0,054	0,311
CHR6	24461814	CHR6:24461814	SSF x Far_LoA	-8,10852493	0,077	0,286
CHR6	24466416	CHR6:24466416	SSF x Far_LoA	-9,01086151	0,139	0,299
CHR6	24467298	CHR6:24467298	SSF x Far_LoA	-10,2039261	0,045	0,296
CHR6	24467323	CHR6:24467323	SSF x Far_LoA	-10,4425847	-0,009	0,303
CHR6	24467345	CHR6:24467345	SSF x Far_LoA	-9,88488978	0,077	0,278
CHR6	24467412	CHR6:24467412	SSF x Far_LoA	-7,98333725	-0,116	0,312
CHR6	24478774	CHR6:24478774	SSF x Far_LoA	-9,37991319	-0,092	0,297
CHR6	24478817	CHR6:24478817	SSF x Far_LoA	-7,91372774	-0,041	0,310
CHR6	24478845	CHR6:24478845	SSF x Far_LoA	-9,6398205	0,019	0,315
CHR6	24478912	CHR6:24478912	SSF x Far_LoA	-9,79405438	-0,050	0,313
CHR6	24479086	CHR6:24479086	SSF x Far_LoA	-12,4435422	-0,004	0,311
CHR6	24487907	CHR6:24487907	SSF x Far_LoA	-11,1847625	0,043	0,308
CHR6	24499258	CHR6:24499258	SSF x Far_LoA	-5,6512954	-0,005	0,312
CHR6	24506970	CHR6:24506970	SSF x Far_LoA	-8,47151673	0,048	0,303
CHR6	24507018	CHR6:24507018	SSF x Far_LoA	-6,57425149	-0,118	0,305
CHR6	24507823	CHR6:24507823	SSF x Far_LoA	-8,68456734	-0,013	0,299

CHR6	24507826	CHR6:24507826	SSF x Far_LoA	-6,33789528	0,093	0,314
CHR6	24510343	CHR6:24510343	SSF x Far_LoA	-8,48612587	0,060	0,301
CHR6	24510409	CHR6:24510409	SSF x Far_LoA	-9,60955557	-0,037	0,310
CHR6	24510414	CHR6:24510414	SSF x Far_LoA	-7,92004865	0,069	0,314
CHR6	24510441	CHR6:24510441	SSF x Far_LoA	-8,69802625	0,055	0,314
CHR6	24510448	CHR6:24510448	SSF x Far_LoA	-10,668269	-0,030	0,300
CHR6	24510514	CHR6:24510514	SSF x Far_LoA	-6,47521624	0,251	0,286
CHR6	24518662	CHR6:24518662	SSF x Far_LoA	-9,29375867	-0,154	0,307
CHR6	24518815	CHR6:24518815	SSF x Far_LoA	-8,05356609	0,087	0,313
CHR6	24518851	CHR6:24518851	SSF x Far_LoA	-7,94155548	0,100	0,311
CHR6	24518926	CHR6:24518926	SSF x Far_LoA	-10,4459008	0,074	0,302
CHR6	24523267	CHR6:24523267	SSF x Far_LoA	-8,93448747	-0,009	0,305
CHR6	2452778	CHR6:2452778	SSF x Far_LoA	-10,6723444	-0,019	0,308
CHR6	24528267	CHR6:24528267	SSF x Far_LoA	-5,71029405	0,099	0,309
CHR6	24528327	CHR6:24528327	SSF x Far_LoA	-9,42544097	-0,100	0,310
CHR6	2452850	CHR6:2452850	SSF x Far_LoA	-9,24773118	0,018	0,303
CHR6	2452863	CHR6:2452863	SSF x Far_LoA	-5,40962838	0,189	0,293
CHR6	2452934	CHR6:2452934	SSF x Far_LoA	-11,7970754	-0,019	0,313
CHR6	24531844	CHR6:24531844	SSF x Far_LoA	-7,44970371	0,023	0,311
CHR6	24531875	CHR6:24531875	SSF x Far_LoA	-9,32297436	0,056	0,293
CHR6	24535965	CHR6:24535965	SSF x Far_LoA	-2,21615502	0,230	0,279
CHR6	24535973	CHR6:24535973	SSF x Far_LoA	-9,66086088	0,038	0,299
CHR6	24536088	CHR6:24536088	SSF x Far_LoA	-7,42666645	-0,109	0,316
CHR6	24536121	CHR6:24536121	SSF x Far_LoA	-8,40677548	-0,151	0,303
CHR6	24536123	CHR6:24536123	SSF x Far_LoA	-8,1168951	0,050	0,312
CHR6	24536144	CHR6:24536144	SSF x Far_LoA	-9,51773999	0,042	0,311
CHR6	24536198	CHR6:24536198	SSF x Far_LoA	-3,7490167	-0,059	0,316
CHR6	24539796	CHR6:24539796	SSF x Far_LoA	-9,47760998	0,006	0,314
CHR6	24539822	CHR6:24539822	SSF x Far_LoA	-8,91948107	0,172	0,278
CHR6	24547331	CHR6:24547331	SSF x Far_LoA	-10,0514456	-0,066	0,305
CHR6	24549997	CHR6:24549997	SSF x Far_LoA	-10,0105079	-0,002	0,307
CHR6	24549999	CHR6:24549999	SSF x Far_LoA	-8,97061425	0,033	0,312
CHR6	24550003	CHR6:24550003	SSF x Far_LoA	-8,82532748	0,124	0,312
CHR6	24550021	CHR6:24550021	SSF x Far_LoA	-10,0229269	0,003	0,313
CHR6	24550032	CHR6:24550032	SSF x Far_LoA	-8,51868792	-0,028	0,318
CHR6	24550070	CHR6:24550070	SSF x Far_LoA	-8,07327186	-0,036	0,310
CHR6	24550074	CHR6:24550074	SSF x Far_LoA	-5,13962421	-0,143	0,317
CHR6	24560120	CHR6:24560120	SSF x Far_LoA	-7,71232993	-0,127	0,296
CHR6	24562656	CHR6:24562656	SSF x Far_LoA	-10,6486308	-0,129	0,306
CHR6	24562690	CHR6:24562690	SSF x Far_LoA	-7,45480966	-0,097	0,298
CHR6	24563404	CHR6:24563404	SSF x Far_LoA	-11,9043105	0,015	0,306
CHR6	24563492	CHR6:24563492	SSF x Far_LoA	-10,101159	-0,045	0,306
CHR6	24563495	CHR6:24563495	SSF x Far_LoA	-10,7666703	-0,052	0,321
CHR6	24564817	CHR6:24564817	SSF x Far_LoA	-10,9062372	-0,062	0,294
CHR6	24564822	CHR6:24564822	SSF x Far_LoA	-8,06681052	-0,102	0,316
CHR6	24564828	CHR6:24564828	SSF x Far_LoA	-8,78598835	-0,110	0,306
CHR6	24564887	CHR6:24564887	SSF x Far_LoA	0,05221721	-0,024	0,307
CHR6	24565060	CHR6:24565060	SSF x Far_LoA	-11,2875738	0,012	0,311
CHR6	24566902	CHR6:24566902	SSF x Far_LoA	-8,56744013	-0,036	0,313
CHR6	24566907	CHR6:24566907	SSF x Far_LoA	-8,82011318	0,070	0,293
CHR6	24566919	CHR6:24566919	SSF x Far_LoA	-4,72268509	0,121	0,299
CHR6	24574933	CHR6:24574933	SSF x Far_LoA	-8,27103547	-0,056	0,296
CHR6	24574936	CHR6:24574936	SSF x Far_LoA	-9,85306854	-0,060	0,309

CHR6	24574969	CHR6:24574969	SSF x Far_LoA	-9,28169981	-0,061	0,315
CHR6	24575000	CHR6:24575000	SSF x Far_LoA	-9,9711106	-0,052	0,300
CHR6	24575020	CHR6:24575020	SSF x Far_LoA	-9,56264839	-0,059	0,320
CHR6	24575031	CHR6:24575031	SSF x Far_LoA	-10,1562436	-0,014	0,312
CHR6	24575043	CHR6:24575043	SSF x Far_LoA	-8,85636374	0,016	0,313
CHR6	24576243	CHR6:24576243	SSF x Far_LoA	-9,72010005	0,035	0,303
CHR6	24580132	CHR6:24580132	SSF x Far_LoA	-11,6568692	-0,075	0,300
CHR6	24580286	CHR6:24580286	SSF x Far_LoA	-10,8543852	0,090	0,306
CHR6	24589662	CHR6:24589662	SSF x Far_LoA	-7,70578265	-0,039	0,319
CHR6	24598763	CHR6:24598763	SSF x Far_LoA	-10,2646608	-0,002	0,304
CHR6	24598781	CHR6:24598781	SSF x Far_LoA	-9,34967984	0,005	0,314
CHR6	24598793	CHR6:24598793	SSF x Far_LoA	-4,05146797	0,026	0,309
CHR6	24598826	CHR6:24598826	SSF x Far_LoA	-9,46387367	-0,113	0,294
CHR6	24598862	CHR6:24598862	SSF x Far_LoA	-9,81848096	-0,010	0,295
CHR6	24598885	CHR6:24598885	SSF x Far_LoA	-8,19725803	0,100	0,303
CHR6	24598965	CHR6:24598965	SSF x Far_LoA	-10,2987348	0,072	0,303
CHR6	2459923	CHR6:2459923	SSF x Far_LoA	-7,23669098	-0,041	0,313
CHR6	2459983	CHR6:2459983	SSF x Far_LoA	-8,75333459	0,019	0,309
CHR6	24600251	CHR6:24600251	SSF x Far_LoA	-9,2256705	0,010	0,304
CHR6	24600274	CHR6:24600274	SSF x Far_LoA	-8,92495619	-0,053	0,305
CHR6	24600304	CHR6:24600304	SSF x Far_LoA	-9,06255077	0,075	0,306
CHR6	24600305	CHR6:24600305	SSF x Far_LoA	-11,1606561	0,022	0,319
CHR6	24600306	CHR6:24600306	SSF x Far_LoA	-11,8408054	0,046	0,302
CHR6	24600308	CHR6:24600308	SSF x Far_LoA	-8,12049889	0,084	0,314
CHR6	24600332	CHR6:24600332	SSF x Far_LoA	-11,3408844	0,003	0,312
CHR6	24600935	CHR6:24600935	SSF x Far_LoA	-9,10405057	-0,094	0,314
CHR6	24601126	CHR6:24601126	SSF x Far_LoA	-11,2700945	-0,065	0,308
CHR6	24601152	CHR6:24601152	SSF x Far_LoA	-7,39232891	0,128	0,302
CHR6	24601186	CHR6:24601186	SSF x Far_LoA	-7,17677448	-0,099	0,315
CHR6	24601189	CHR6:24601189	SSF x Far_LoA	-7,96949828	-0,121	0,307
CHR6	2461009	CHR6:2461009	SSF x Far_LoA	-10,7081849	-0,097	0,308
CHR6	2461072	CHR6:2461072	SSF x Far_LoA	-8,69886433	0,063	0,309
CHR6	24610805	CHR6:24610805	SSF x Far_LoA	-9,46625938	0,036	0,298
CHR6	24610834	CHR6:24610834	SSF x Far_LoA	-5,91330009	-0,056	0,302
CHR6	24620920	CHR6:24620920	SSF x Far_LoA	-10,6614619	-0,037	0,314
CHR6	24620956	CHR6:24620956	SSF x Far_LoA	-10,4817519	0,065	0,309
CHR6	24620963	CHR6:24620963	SSF x Far_LoA	-10,6294042	0,081	0,310
CHR6	24621018	CHR6:24621018	SSF x Far_LoA	-5,85414988	-0,102	0,304
CHR6	24621057	CHR6:24621057	SSF x Far_LoA	-8,03195804	-0,130	0,304
CHR6	24621071	CHR6:24621071	SSF x Far_LoA	-8,92890737	-0,029	0,318
CHR6	24643247	CHR6:24643247	SSF x Far_LoA	-6,45218002	0,149	0,303
CHR6	24643264	CHR6:24643264	SSF x Far_LoA	-8,58612374	0,142	0,303
CHR6	24643272	CHR6:24643272	SSF x Far_LoA	-9,22246189	-0,023	0,320
CHR6	24643289	CHR6:24643289	SSF x Far_LoA	-5,27416893	0,133	0,305
CHR6	24643321	CHR6:24643321	SSF x Far_LoA	-7,36865752	0,153	0,294
CHR6	24643324	CHR6:24643324	SSF x Far_LoA	-6,32529069	0,126	0,306
CHR6	24652287	CHR6:24652287	SSF x Far_LoA	-10,4445811	-0,063	0,308
CHR6	24652406	CHR6:24652406	SSF x Far_LoA	-7,87560241	-0,053	0,319
CHR6	24652554	CHR6:24652554	SSF x Far_LoA	-8,49914418	0,162	0,276
CHR6	24652594	CHR6:24652594	SSF x Far_LoA	-10,2127945	0,049	0,281
CHR6	24653418	CHR6:24653418	SSF x Far_LoA	-10,0386215	-0,005	0,314
CHR6	24653838	CHR6:24653838	SSF x Far_LoA	-11,0589936	0,055	0,308
CHR6	24658963	CHR6:24658963	SSF x Far_LoA	-10,3932417	0,010	0,305

CHR6	24658968	CHR6:24658968	SSF x Far_LoA	-11,141633	-0,002	0,319
CHR6	24659034	CHR6:24659034	SSF x Far_LoA	-8,77228757	0,029	0,309
CHR6	24659061	CHR6:24659061	SSF x Far_LoA	-9,00057748	0,003	0,319
CHR6	24659121	CHR6:24659121	SSF x Far_LoA	-10,3873403	0,037	0,305
CHR6	24661208	CHR6:24661208	SSF x Far_LoA	-9,04575179	-0,032	0,312
CHR6	24661213	CHR6:24661213	SSF x Far_LoA	-9,56292319	-0,070	0,308
CHR6	24661340	CHR6:24661340	SSF x Far_LoA	-8,15935188	0,094	0,300
CHR6	24661352	CHR6:24661352	SSF x Far_LoA	-8,45971746	0,104	0,304
CHR6	24661442	CHR6:24661442	SSF x Far_LoA	-8,92043406	-0,002	0,321
CHR6	24668834	CHR6:24668834	SSF x Far_LoA	-9,14490194	0,081	0,302
CHR6	24668853	CHR6:24668853	SSF x Far_LoA	-7,05485248	0,140	0,283
CHR6	2467010	CHR6:2467010	SSF x Far_LoA	-11,5792096	-0,073	0,311
CHR6	246707	CHR6:246707	SSF x Far_LoA	-9,59625815	-0,108	0,307
CHR6	24685109	CHR6:24685109	SSF x Far_LoA	-1,32940757	-0,086	0,305
CHR6	24685262	CHR6:24685262	SSF x Far_LoA	-8,42924828	-0,039	0,309
CHR6	24685310	CHR6:24685310	SSF x Far_LoA	-11,3680197	-0,012	0,318
CHR6	24691800	CHR6:24691800	SSF x Far_LoA	-12,2454887	0,051	0,307
CHR6	2469220	CHR6:2469220	SSF x Far_LoA	-10,8131504	0,003	0,302
CHR6	24699760	CHR6:24699760	SSF x Far_LoA	-9,21415762	-0,022	0,317
CHR6	24699819	CHR6:24699819	SSF x Far_LoA	-8,84857998	-0,076	0,308
CHR6	24702564	CHR6:24702564	SSF x Far_LoA	-7,83821422	0,044	0,322
CHR6	24702608	CHR6:24702608	SSF x Far_LoA	-9,37741478	0,047	0,295
CHR6	24702680	CHR6:24702680	SSF x Far_LoA	-8,59406981	-0,087	0,280
CHR6	24702683	CHR6:24702683	SSF x Far_LoA	-8,33311305	-0,057	0,310
CHR6	24702733	CHR6:24702733	SSF x Far_LoA	-10,2780518	0,017	0,276
CHR6	24702736	CHR6:24702736	SSF x Far_LoA	-8,97073702	-0,026	0,306
CHR6	24702752	CHR6:24702752	SSF x Far_LoA	-10,3194886	-0,001	0,287
CHR6	24702820	CHR6:24702820	SSF x Far_LoA	-7,42490721	-0,097	0,308
CHR6	2470453	CHR6:2470453	SSF x Far_LoA	-11,4495395	0,053	0,287
CHR6	24707517	CHR6:24707517	SSF x Far_LoA	-8,54617277	0,113	0,295
CHR6	24707535	CHR6:24707535	SSF x Far_LoA	-9,70714387	0,118	0,299
CHR6	24707550	CHR6:24707550	SSF x Far_LoA	-10,755881	-0,058	0,312
CHR6	24709598	CHR6:24709598	SSF x Far_LoA	-8,75746564	-0,021	0,310
CHR6	24721223	CHR6:24721223	SSF x Far_LoA	-9,7102223	-0,050	0,305
CHR6	24723694	CHR6:24723694	SSF x Far_LoA	-10,5877221	0,047	0,300
CHR6	24723706	CHR6:24723706	SSF x Far_LoA	-10,752415	-0,071	0,291
CHR6	24723707	CHR6:24723707	SSF x Far_LoA	-11,296156	-0,042	0,312
CHR6	24723722	CHR6:24723722	SSF x Far_LoA	-8,77013897	0,053	0,298
CHR6	24723799	CHR6:24723799	SSF x Far_LoA	-10,3051459	-0,125	0,306
CHR6	24731817	CHR6:24731817	SSF x Far_LoA	-10,4496626	-0,131	0,292
CHR6	24731869	CHR6:24731869	SSF x Far_LoA	-11,0167478	-0,024	0,308
CHR6	24731941	CHR6:24731941	SSF x Far_LoA	-6,54690843	-0,077	0,319
CHR6	24731976	CHR6:24731976	SSF x Far_LoA	-7,97794644	-0,007	0,320
CHR6	24731979	CHR6:24731979	SSF x Far_LoA	-10,7540234	0,009	0,312
CHR6	24741275	CHR6:24741275	SSF x Far_LoA	-10,8955752	0,050	0,314
CHR6	24741351	CHR6:24741351	SSF x Far_LoA	-9,79257055	0,061	0,295
CHR6	24741352	CHR6:24741352	SSF x Far_LoA	-10,7166821	0,073	0,293
CHR6	24741363	CHR6:24741363	SSF x Far_LoA	-10,2232905	-0,048	0,303
CHR6	24741375	CHR6:24741375	SSF x Far_LoA	-7,85437013	0,064	0,294
CHR6	24741397	CHR6:24741397	SSF x Far_LoA	-9,06831192	-0,039	0,299
CHR6	24741414	CHR6:24741414	SSF x Far_LoA	-10,2449358	0,073	0,304
CHR6	24741418	CHR6:24741418	SSF x Far_LoA	-9,40511344	0,040	0,304
CHR6	24741422	CHR6:24741422	SSF x Far_LoA	-10,4730736	0,017	0,316

CHR6	24741436	CHR6:24741436	SSF x Far_LoA	-9,78175616	0,029	0,305
CHR6	24741651	CHR6:24741651	SSF x Far_LoA	-10,4010786	0,035	0,300
CHR6	24749483	CHR6:24749483	SSF x Far_LoA	-7,55051765	-0,046	0,318
CHR6	24749516	CHR6:24749516	SSF x Far_LoA	-11,9682813	0,013	0,311
CHR6	24749525	CHR6:24749525	SSF x Far_LoA	-8,05702237	-0,135	0,317
CHR6	24749541	CHR6:24749541	SSF x Far_LoA	-9,51305834	-0,101	0,307
CHR6	24749553	CHR6:24749553	SSF x Far_LoA	-7,45536366	-0,062	0,312
CHR6	24763769	CHR6:24763769	SSF x Far_LoA	-8,10710753	0,076	0,306
CHR6	24763818	CHR6:24763818	SSF x Far_LoA	-9,59875849	-0,091	0,309
CHR6	24770431	CHR6:24770431	SSF x Far_LoA	-4,34734494	-0,066	0,299
CHR6	24770522	CHR6:24770522	SSF x Far_LoA	-9,98954011	-0,068	0,312
CHR6	24770661	CHR6:24770661	SSF x Far_LoA	-10,4938626	0,038	0,300
CHR6	24770705	CHR6:24770705	SSF x Far_LoA	-7,3798795	0,086	0,310
CHR6	24770712	CHR6:24770712	SSF x Far_LoA	-9,18812197	-0,063	0,309
CHR6	24770716	CHR6:24770716	SSF x Far_LoA	-8,63893309	0,072	0,309
CHR6	24770753	CHR6:24770753	SSF x Far_LoA	-7,76186128	-0,115	0,309
CHR6	24771926	CHR6:24771926	SSF x Far_LoA	-10,5803267	-0,048	0,316
CHR6	24771935	CHR6:24771935	SSF x Far_LoA	-10,1300314	-0,009	0,308
CHR6	24771942	CHR6:24771942	SSF x Far_LoA	-8,34459753	-0,078	0,294
CHR6	24771949	CHR6:24771949	SSF x Far_LoA	-8,89806954	-0,070	0,313
CHR6	24772029	CHR6:24772029	SSF x Far_LoA	-9,58805216	-0,030	0,303
CHR6	24780342	CHR6:24780342	SSF x Far_LoA	-8,22170396	0,017	0,320
CHR6	24780346	CHR6:24780346	SSF x Far_LoA	-10,0741761	0,063	0,309
CHR6	24780352	CHR6:24780352	SSF x Far_LoA	-10,4747511	0,073	0,313
CHR6	24783163	CHR6:24783163	SSF x Far_LoA	-10,950062	-0,064	0,299
CHR6	24784755	CHR6:24784755	SSF x Far_LoA	-10,7141405	-0,053	0,302
CHR6	24786909	CHR6:24786909	SSF x Far_LoA	-8,32107033	-0,176	0,291
CHR6	24786935	CHR6:24786935	SSF x Far_LoA	-12,6452303	0,024	0,291
CHR6	24793929	CHR6:24793929	SSF x Far_LoA	-10,7323318	-0,003	0,295
CHR6	24793945	CHR6:24793945	SSF x Far_LoA	-11,4783518	0,027	0,311
CHR6	2479671	CHR6:2479671	SSF x Far_LoA	-9,73840551	-0,001	0,315
CHR6	2479748	CHR6:2479748	SSF x Far_LoA	-11,663877	-0,031	0,323
CHR6	2479792	CHR6:2479792	SSF x Far_LoA	-8,14722995	0,045	0,306
CHR6	2479985	CHR6:2479985	SSF x Far_LoA	-8,99707539	0,191	0,290
CHR6	24806242	CHR6:24806242	SSF x Far_LoA	-10,0314604	-0,039	0,314
CHR6	24806340	CHR6:24806340	SSF x Far_LoA	-8,42243744	-0,129	0,307
CHR6	24833362	CHR6:24833362	SSF x Far_LoA	-11,6240085	-0,041	0,308
CHR6	24833606	CHR6:24833606	SSF x Far_LoA	-8,30494677	-0,053	0,302
CHR6	24852803	CHR6:24852803	SSF x Far_LoA	-10,7203391	-0,058	0,310
CHR6	24852805	CHR6:24852805	SSF x Far_LoA	-6,84150717	-0,125	0,303
CHR6	24852818	CHR6:24852818	SSF x Far_LoA	-10,9529289	0,055	0,305
CHR6	24852886	CHR6:24852886	SSF x Far_LoA	-3,98287504	-0,144	0,290
CHR6	24853633	CHR6:24853633	SSF x Far_LoA	-8,59144162	0,100	0,308
CHR6	24853656	CHR6:24853656	SSF x Far_LoA	-7,73008728	-0,140	0,294
CHR6	24853705	CHR6:24853705	SSF x Far_LoA	-11,1999851	0,014	0,311
CHR6	24857182	CHR6:24857182	SSF x Far_LoA	-10,9369213	0,042	0,313
CHR6	24861450	CHR6:24861450	SSF x Far_LoA	-3,65955634	-0,228	0,302
CHR6	24861453	CHR6:24861453	SSF x Far_LoA	-4,98417844	-0,205	0,297
CHR6	24866574	CHR6:24866574	SSF x Far_LoA	-6,36945738	0,006	0,312
CHR6	24866620	CHR6:24866620	SSF x Far_LoA	-8,87754533	0,003	0,313
CHR6	24866659	CHR6:24866659	SSF x Far_LoA	-10,7580631	-0,001	0,310
CHR6	24874459	CHR6:24874459	SSF x Far_LoA	-9,8196084	0,035	0,302
CHR6	24874461	CHR6:24874461	SSF x Far_LoA	-10,4572399	0,050	0,280

CHR6	24874567	CHR6:24874567	SSF x Far_LoA	-8,58631464	0,074	0,310
CHR6	24874568	CHR6:24874568	SSF x Far_LoA	-9,17235322	0,045	0,308
CHR6	24874572	CHR6:24874572	SSF x Far_LoA	-6,51793045	-0,136	0,304
CHR6	24874621	CHR6:24874621	SSF x Far_LoA	-8,90339412	-0,009	0,298
CHR6	24874622	CHR6:24874622	SSF x Far_LoA	-10,1486237	0,017	0,315
CHR6	24874697	CHR6:24874697	SSF x Far_LoA	-10,7205501	0,052	0,304
CHR6	24879127	CHR6:24879127	SSF x Far_LoA	-9,97239911	0,060	0,308
CHR6	24879763	CHR6:24879763	SSF x Far_LoA	-9,95904996	-0,062	0,312
CHR6	24879836	CHR6:24879836	SSF x Far_LoA	-8,82492083	-0,018	0,308
CHR6	24879848	CHR6:24879848	SSF x Far_LoA	-7,40162135	0,012	0,303
CHR6	24879899	CHR6:24879899	SSF x Far_LoA	-10,1445276	-0,010	0,299
CHR6	24881354	CHR6:24881354	SSF x Far_LoA	-9,06109145	0,038	0,302
CHR6	24881376	CHR6:24881376	SSF x Far_LoA	-10,2069954	0,001	0,315
CHR6	24881424	CHR6:24881424	SSF x Far_LoA	-9,34930497	-0,082	0,303
CHR6	24881435	CHR6:24881435	SSF x Far_LoA	-8,57240622	-0,102	0,295
CHR6	24881447	CHR6:24881447	SSF x Far_LoA	-9,0006681	-0,095	0,305
CHR6	24881506	CHR6:24881506	SSF x Far_LoA	-9,71986364	-0,063	0,317
CHR6	24883389	CHR6:24883389	SSF x Far_LoA	-10,1654876	-0,096	0,303
CHR6	24883395	CHR6:24883395	SSF x Far_LoA	-10,8802945	-0,097	0,311
CHR6	24883412	CHR6:24883412	SSF x Far_LoA	-11,0379622	-0,040	0,313
CHR6	24883464	CHR6:24883464	SSF x Far_LoA	-6,11664442	0,159	0,300
CHR6	24883546	CHR6:24883546	SSF x Far_LoA	-10,2807104	0,033	0,303
CHR6	24886627	CHR6:24886627	SSF x Far_LoA	7,2774505	0,087	0,298
CHR6	24886646	CHR6:24886646	SSF x Far_LoA	-9,00362438	0,091	0,295
CHR6	24886649	CHR6:24886649	SSF x Far_LoA	-7,15020266	-0,124	0,318
CHR6	24890351	CHR6:24890351	SSF x Far_LoA	-10,2774158	0,024	0,301
CHR6	24892319	CHR6:24892319	SSF x Far_LoA	-6,99268685	-0,054	0,306
CHR6	24892653	CHR6:24892653	SSF x Far_LoA	-8,94671029	0,144	0,294
CHR6	24892721	CHR6:24892721	SSF x Far_LoA	-10,5967661	0,117	0,310
CHR6	24892768	CHR6:24892768	SSF x Far_LoA	-7,80204064	-0,151	0,314
CHR6	24897796	CHR6:24897796	SSF x Far_LoA	-9,01584173	-0,123	0,298
CHR6	24897803	CHR6:24897803	SSF x Far_LoA	-9,37752866	0,140	0,300
CHR6	24897844	CHR6:24897844	SSF x Far_LoA	-10,0410769	-0,070	0,282
CHR6	24905577	CHR6:24905577	SSF x Far_LoA	-8,63949938	-0,025	0,297
CHR6	24905820	CHR6:24905820	SSF x Far_LoA	-8,86739684	-0,042	0,305
CHR6	24905822	CHR6:24905822	SSF x Far_LoA	-6,73028872	-0,078	0,301
CHR6	24905823	CHR6:24905823	SSF x Far_LoA	-8,47874198	0,091	0,300
CHR6	24905937	CHR6:24905937	SSF x Far_LoA	-10,3036705	-0,005	0,307
CHR6	24907134	CHR6:24907134	SSF x Far_LoA	-9,16595311	-0,105	0,306
CHR6	24907136	CHR6:24907136	SSF x Far_LoA	-11,0305807	-0,018	0,308
CHR6	2490748	CHR6:2490748	SSF x Far_LoA	-3,98113351	-0,069	0,293
CHR6	2490762	CHR6:2490762	SSF x Far_LoA	-10,9368482	-0,006	0,300
CHR6	2491843	CHR6:2491843	SSF x Far_LoA	-11,4665042	0,037	0,309
CHR6	2491908	CHR6:2491908	SSF x Far_LoA	-9,9081017	-0,001	0,328
CHR6	2491955	CHR6:2491955	SSF x Far_LoA	-8,88989647	-0,169	0,290
CHR6	2492062	CHR6:2492062	SSF x Far_LoA	-10,9790603	0,096	0,291
CHR6	2492112	CHR6:2492112	SSF x Far_LoA	-11,237849	0,121	0,298
CHR6	24940605	CHR6:24940605	SSF x Far_LoA	-10,637045	0,040	0,304
CHR6	24952896	CHR6:24952896	SSF x Far_LoA	-6,66610644	0,072	0,297
CHR6	24952946	CHR6:24952946	SSF x Far_LoA	-6,59406165	-0,148	0,290
CHR6	24953131	CHR6:24953131	SSF x Far_LoA	-10,9740004	0,011	0,308
CHR6	24953138	CHR6:24953138	SSF x Far_LoA	-9,21143105	-0,032	0,289
CHR6	24961124	CHR6:24961124	SSF x Far_LoA	-11,0956347	-0,098	0,307

CHR6	24979187	CHR6:24979187	SSF x Far_LoA	-8,9449493	-0,010	0,299
CHR6	24979267	CHR6:24979267	SSF x Far_LoA	-2,77014477	0,041	0,304
CHR6	24979272	CHR6:24979272	SSF x Far_LoA	-4,64115552	-0,136	0,316
CHR6	24979308	CHR6:24979308	SSF x Far_LoA	-11,3314679	-0,026	0,308
CHR6	24979369	CHR6:24979369	SSF x Far_LoA	-10,5729198	0,079	0,300
CHR6	2498916	CHR6:2498916	SSF x Far_LoA	-12,3397015	0,014	0,294
CHR6	2498918	CHR6:2498918	SSF x Far_LoA	-2,46758204	-0,028	0,305
CHR6	24993539	CHR6:24993539	SSF x Far_LoA	-10,5063543	-0,063	0,298
CHR6	24993561	CHR6:24993561	SSF x Far_LoA	-10,3924595	0,048	0,300
CHR6	24997590	CHR6:24997590	SSF x Far_LoA	-9,07544336	-0,144	0,308
CHR6	25012447	CHR6:25012447	SSF x Far_LoA	-11,180035	0,020	0,305
CHR6	25012522	CHR6:25012522	SSF x Far_LoA	-11,3476312	0,060	0,299
CHR6	25012523	CHR6:25012523	SSF x Far_LoA	-9,7453721	0,016	0,307
CHR6	25012542	CHR6:25012542	SSF x Far_LoA	-10,195788	-0,050	0,298
CHR6	25012551	CHR6:25012551	SSF x Far_LoA	-9,43346147	0,052	0,309
CHR6	25012554	CHR6:25012554	SSF x Far_LoA	-8,62663366	0,075	0,303
CHR6	25012582	CHR6:25012582	SSF x Far_LoA	-11,3603246	-0,018	0,302
CHR6	25012602	CHR6:25012602	SSF x Far_LoA	-8,3945453	-0,105	0,306
CHR6	25012617	CHR6:25012617	SSF x Far_LoA	-9,35617043	0,000	0,318
CHR6	25012627	CHR6:25012627	SSF x Far_LoA	-9,18602636	-0,075	0,312
CHR6	25012642	CHR6:25012642	SSF x Far_LoA	-7,88876472	0,046	0,314
CHR6	25012643	CHR6:25012643	SSF x Far_LoA	-5,36285454	0,060	0,311
CHR6	25012644	CHR6:25012644	SSF x Far_LoA	-1,92772006	0,070	0,313
CHR6	25022153	CHR6:25022153	SSF x Far_LoA	-7,81124832	-0,142	0,312
CHR6	25022302	CHR6:25022302	SSF x Far_LoA	-8,82685778	0,045	0,311
CHR6	2502421	CHR6:2502421	SSF x Far_LoA	-9,79592645	0,009	0,288
CHR6	25030827	CHR6:25030827	SSF x Far_LoA	-8,54184086	-0,102	0,314
CHR6	25030835	CHR6:25030835	SSF x Far_LoA	-8,68737323	0,103	0,309
CHR6	25030860	CHR6:25030860	SSF x Far_LoA	-6,8803927	-0,182	0,307
CHR6	25036910	CHR6:25036910	SSF x Far_LoA	-4,28175252	-0,086	0,309
CHR6	25043005	CHR6:25043005	SSF x Far_LoA	-7,42793209	-0,140	0,296
CHR6	25051507	CHR6:25051507	SSF x Far_LoA	-8,66465316	-0,057	0,287
CHR6	25062250	CHR6:25062250	SSF x Far_LoA	-10,5417759	0,052	0,301
CHR6	25069695	CHR6:25069695	SSF x Far_LoA	-5,95220675	0,116	0,315
CHR6	25069705	CHR6:25069705	SSF x Far_LoA	-10,8278784	0,080	0,301
CHR6	25069717	CHR6:25069717	SSF x Far_LoA	-10,467012	-0,034	0,316
CHR6	25069718	CHR6:25069718	SSF x Far_LoA	-12,6409245	-0,020	0,306
CHR6	25069736	CHR6:25069736	SSF x Far_LoA	-7,5324565	0,113	0,324
CHR6	25069910	CHR6:25069910	SSF x Far_LoA	-11,9049713	-0,023	0,312
CHR6	25077669	CHR6:25077669	SSF x Far_LoA	-10,2756022	-0,039	0,300
CHR6	25077674	CHR6:25077674	SSF x Far_LoA	-9,61602744	-0,140	0,302
CHR6	25077685	CHR6:25077685	SSF x Far_LoA	-7,80730387	-0,062	0,306
CHR6	25077701	CHR6:25077701	SSF x Far_LoA	-9,7428801	-0,042	0,303
CHR6	25078911	CHR6:25078911	SSF x Far_LoA	-10,1650855	-0,059	0,314
CHR6	25078971	CHR6:25078971	SSF x Far_LoA	-9,22279912	-0,029	0,304
CHR6	25078986	CHR6:25078986	SSF x Far_LoA	-9,03667554	-0,058	0,299
CHR6	25078996	CHR6:25078996	SSF x Far_LoA	-11,3426118	-0,041	0,315
CHR6	25085688	CHR6:25085688	SSF x Far_LoA	-7,90923683	-0,070	0,314
CHR6	25085702	CHR6:25085702	SSF x Far_LoA	-9,68815283	0,048	0,297
CHR6	25085781	CHR6:25085781	SSF x Far_LoA	-9,1426766	-0,014	0,290
CHR6	25085833	CHR6:25085833	SSF x Far_LoA	-11,4525726	0,039	0,329
CHR6	25085877	CHR6:25085877	SSF x Far_LoA	-10,6562253	0,142	0,284
CHR6	25085881	CHR6:25085881	SSF x Far_LoA	-9,6560275	-0,036	0,300

CHR6	25085899	CHR6:25085899	SSF x Far_LoA	-7,43806894	-0,026	0,316
CHR6	25090637	CHR6:25090637	SSF x Far_LoA	-10,4709743	-0,030	0,318
CHR6	25090669	CHR6:25090669	SSF x Far_LoA	-10,9864851	0,098	0,290
CHR6	25090686	CHR6:25090686	SSF x Far_LoA	-8,36818477	-0,064	0,306
CHR6	25090687	CHR6:25090687	SSF x Far_LoA	-7,93691742	-0,065	0,303
CHR6	25090694	CHR6:25090694	SSF x Far_LoA	-9,91145375	0,004	0,299
CHR6	25090794	CHR6:25090794	SSF x Far_LoA	-8,76222998	0,130	0,307
CHR6	25090796	CHR6:25090796	SSF x Far_LoA	-8,11120987	0,107	0,311
CHR6	25090820	CHR6:25090820	SSF x Far_LoA	-8,71048739	-0,045	0,302
CHR6	25090872	CHR6:25090872	SSF x Far_LoA	-11,5883853	0,081	0,302
CHR6	25093772	CHR6:25093772	SSF x Far_LoA	-7,89302025	0,106	0,309
CHR6	25097556	CHR6:25097556	SSF x Far_LoA	-6,78036116	-0,036	0,313
CHR6	25097657	CHR6:25097657	SSF x Far_LoA	-7,76475421	-0,109	0,296
CHR6	25097676	CHR6:25097676	SSF x Far_LoA	-11,3117031	0,021	0,312
CHR6	25097971	CHR6:25097971	SSF x Far_LoA	-6,38366577	-0,179	0,301
CHR6	25099943	CHR6:25099943	SSF x Far_LoA	-8,84230191	0,118	0,290
CHR6	25100001	CHR6:25100001	SSF x Far_LoA	-10,7893817	-0,045	0,306
CHR6	25100067	CHR6:25100067	SSF x Far_LoA	-9,47860729	0,002	0,301
CHR6	25100169	CHR6:25100169	SSF x Far_LoA	-9,75226991	0,035	0,297
CHR6	25100180	CHR6:25100180	SSF x Far_LoA	-10,0685468	-0,052	0,304
CHR6	25100209	CHR6:25100209	SSF x Far_LoA	-10,8090036	0,066	0,307
CHR6	25102163	CHR6:25102163	SSF x Far_LoA	-6,77535431	0,133	0,294
CHR6	25102166	CHR6:25102166	SSF x Far_LoA	-7,90995079	0,135	0,310
CHR6	2510272	CHR6:2510272	SSF x Far_LoA	-7,94951882	-0,005	0,307
CHR6	2510441	CHR6:2510441	SSF x Far_LoA	-10,3994744	-0,015	0,306
CHR6	2510514	CHR6:2510514	SSF x Far_LoA	-10,6688252	-0,068	0,318
CHR6	25107910	CHR6:25107910	SSF x Far_LoA	-8,3658889	0,066	0,288
CHR6	25114059	CHR6:25114059	SSF x Far_LoA	-5,2288806	0,072	0,299
CHR6	25114275	CHR6:25114275	SSF x Far_LoA	-10,8955334	-0,077	0,308
CHR6	25114319	CHR6:25114319	SSF x Far_LoA	-11,2156328	0,051	0,299
CHR6	25114320	CHR6:25114320	SSF x Far_LoA	-9,23928954	0,062	0,303
CHR6	2512080	CHR6:2512080	SSF x Far_LoA	-4,65924984	-0,001	0,328
CHR6	2512095	CHR6:2512095	SSF x Far_LoA	-6,17739558	0,220	0,290
CHR6	25121118	CHR6:25121118	SSF x Far_LoA	-9,14786935	-0,118	0,306
CHR6	25121198	CHR6:25121198	SSF x Far_LoA	-9,39407106	0,065	0,293
CHR6	25138355	CHR6:25138355	SSF x Far_LoA	-8,09374119	-0,068	0,295
CHR6	25138379	CHR6:25138379	SSF x Far_LoA	-9,02581847	0,078	0,309
CHR6	25138395	CHR6:25138395	SSF x Far_LoA	-9,20431495	0,034	0,304
CHR6	25143188	CHR6:25143188	SSF x Far_LoA	-8,80105801	0,045	0,306
CHR6	25143689	CHR6:25143689	SSF x Far_LoA	-7,11195902	-0,003	0,304
CHR6	25146571	CHR6:25146571	SSF x Far_LoA	-10,2675112	-0,138	0,293
CHR6	25152832	CHR6:25152832	SSF x Far_LoA	-11,8519158	0,072	0,297
CHR6	25152872	CHR6:25152872	SSF x Far_LoA	-11,4799091	0,070	0,295
CHR6	25152888	CHR6:25152888	SSF x Far_LoA	-9,15293406	0,086	0,297
CHR6	25155328	CHR6:25155328	SSF x Far_LoA	-9,38879597	0,010	0,292
CHR6	25155332	CHR6:25155332	SSF x Far_LoA	-6,74744597	0,060	0,313
CHR6	25155345	CHR6:25155345	SSF x Far_LoA	-10,7733485	0,030	0,320
CHR6	25155369	CHR6:25155369	SSF x Far_LoA	-8,44832176	0,064	0,308
CHR6	25155375	CHR6:25155375	SSF x Far_LoA	-9,32247341	0,011	0,312
CHR6	25155449	CHR6:25155449	SSF x Far_LoA	-7,94659359	-0,191	0,307
CHR6	25155459	CHR6:25155459	SSF x Far_LoA	-10,0575353	0,046	0,311
CHR6	25155483	CHR6:25155483	SSF x Far_LoA	-12,5888411	-0,037	0,293
CHR6	25155536	CHR6:25155536	SSF x Far_LoA	-10,4724259	0,121	0,292

CHR6	25159107	CHR6:25159107	SSF x Far_LoA	-9,89904512	-0,021	0,322
CHR6	25159118	CHR6:25159118	SSF x Far_LoA	-7,05246636	0,003	0,326
CHR6	25159146	CHR6:25159146	SSF x Far_LoA	-8,75769289	-0,119	0,317
CHR6	25159195	CHR6:25159195	SSF x Far_LoA	-10,8253527	0,148	0,300
CHR6	25162357	CHR6:25162357	SSF x Far_LoA	-8,66639832	-0,051	0,311
CHR6	25162547	CHR6:25162547	SSF x Far_LoA	-8,90814377	0,040	0,305
CHR6	25162598	CHR6:25162598	SSF x Far_LoA	-9,51237086	-0,087	0,308
CHR6	25165932	CHR6:25165932	SSF x Far_LoA	-9,22383979	-0,033	0,300
CHR6	25165938	CHR6:25165938	SSF x Far_LoA	-8,78486047	0,093	0,308
CHR6	25166066	CHR6:25166066	SSF x Far_LoA	-12,5167321	0,053	0,289
CHR6	25169074	CHR6:25169074	SSF x Far_LoA	-8,92224913	0,116	0,324
CHR6	25169103	CHR6:25169103	SSF x Far_LoA	-10,3155947	0,077	0,304
CHR6	25173945	CHR6:25173945	SSF x Far_LoA	-7,10759628	-0,106	0,304
CHR6	25174060	CHR6:25174060	SSF x Far_LoA	-11,553583	0,052	0,302
CHR6	25174132	CHR6:25174132	SSF x Far_LoA	-12,0124739	0,044	0,305
CHR6	25178739	CHR6:25178739	SSF x Far_LoA	-9,90143615	-0,016	0,315
CHR6	25178875	CHR6:25178875	SSF x Far_LoA	-11,0110532	-0,022	0,316
CHR6	25178879	CHR6:25178879	SSF x Far_LoA	-7,82749211	-0,052	0,301
CHR6	25178951	CHR6:25178951	SSF x Far_LoA	-9,2878127	0,012	0,305
CHR6	25179016	CHR6:25179016	SSF x Far_LoA	-9,57098349	-0,055	0,314
CHR6	25179049	CHR6:25179049	SSF x Far_LoA	-9,20713966	0,125	0,305
CHR6	25180428	CHR6:25180428	SSF x Far_LoA	-10,2566937	-0,040	0,312
CHR6	25183664	CHR6:25183664	SSF x Far_LoA	-10,6697744	0,033	0,304
CHR6	25183785	CHR6:25183785	SSF x Far_LoA	-10,160926	-0,001	0,300
CHR6	25200624	CHR6:25200624	SSF x Far_LoA	-8,26862897	0,035	0,307
CHR6	25200709	CHR6:25200709	SSF x Far_LoA	-9,25022759	0,026	0,308
CHR6	25221435	CHR6:25221435	SSF x Far_LoA	-7,1294197	-0,108	0,314
CHR6	25221436	CHR6:25221436	SSF x Far_LoA	-8,5086849	-0,095	0,308
CHR6	25229062	CHR6:25229062	SSF x Far_LoA	-12,0649867	0,033	0,293
CHR6	25229191	CHR6:25229191	SSF x Far_LoA	-10,3090508	0,094	0,295
CHR6	25229205	CHR6:25229205	SSF x Far_LoA	-12,1436201	0,030	0,314
CHR6	25229326	CHR6:25229326	SSF x Far_LoA	-11,379155	0,012	0,303
CHR6	25232915	CHR6:25232915	SSF x Far_LoA	-10,1147922	0,003	0,303
CHR6	25232942	CHR6:25232942	SSF x Far_LoA	-10,2818124	-0,024	0,305
CHR6	25232950	CHR6:25232950	SSF x Far_LoA	-7,07192485	0,007	0,312
CHR6	25233018	CHR6:25233018	SSF x Far_LoA	-11,776185	0,045	0,305
CHR6	25233075	CHR6:25233075	SSF x Far_LoA	-10,115962	-0,047	0,326
CHR6	25233092	CHR6:25233092	SSF x Far_LoA	-5,05501915	0,155	0,297
CHR6	25240007	CHR6:25240007	SSF x Far_LoA	-10,1255808	-0,035	0,308
CHR6	25240028	CHR6:25240028	SSF x Far_LoA	-9,58020602	-0,006	0,301
CHR6	25240036	CHR6:25240036	SSF x Far_LoA	-8,82787278	-0,055	0,318
CHR6	25240051	CHR6:25240051	SSF x Far_LoA	-8,2808426	-0,087	0,315
CHR6	25240065	CHR6:25240065	SSF x Far_LoA	-9,02154309	-0,056	0,316
CHR6	25240076	CHR6:25240076	SSF x Far_LoA	-8,48981754	0,044	0,311
CHR6	25240732	CHR6:25240732	SSF x Far_LoA	-8,32291808	0,049	0,308
CHR6	25244228	CHR6:25244228	SSF x Far_LoA	-8,97516147	-0,099	0,309
CHR6	25244264	CHR6:25244264	SSF x Far_LoA	-10,2362277	-0,135	0,312
CHR6	25244279	CHR6:25244279	SSF x Far_LoA	-5,02181237	0,110	0,305
CHR6	25244316	CHR6:25244316	SSF x Far_LoA	-8,75683403	-0,101	0,296
CHR6	25244354	CHR6:25244354	SSF x Far_LoA	-9,84983083	-0,093	0,300
CHR6	25244393	CHR6:25244393	SSF x Far_LoA	-8,97128102	0,116	0,310
CHR6	25244404	CHR6:25244404	SSF x Far_LoA	-7,95905556	0,100	0,315
CHR6	25244406	CHR6:25244406	SSF x Far_LoA	-9,82212186	0,073	0,293

CHR6	25244409	CHR6:25244409	SSF x Far_LoA	-10,1666507	0,005	0,294
CHR6	2524549	CHR6:2524549	SSF x Far_LoA	-11,3096501	0,077	0,309
CHR6	2524633	CHR6:2524633	SSF x Far_LoA	-9,3515875	0,035	0,322
CHR6	2524735	CHR6:2524735	SSF x Far_LoA	-6,93974561	0,151	0,294
CHR6	25249874	CHR6:25249874	SSF x Far_LoA	-8,16858757	-0,110	0,304
CHR6	25249890	CHR6:25249890	SSF x Far_LoA	-7,44950077	-0,100	0,306
CHR6	25250034	CHR6:25250034	SSF x Far_LoA	-9,78914694	0,152	0,301
CHR6	25252842	CHR6:25252842	SSF x Far_LoA	-8,58597638	0,011	0,310
CHR6	25256138	CHR6:25256138	SSF x Far_LoA	-10,0749238	-0,048	0,305
CHR6	25264042	CHR6:25264042	SSF x Far_LoA	-10,3278319	-0,055	0,300
CHR6	25264062	CHR6:25264062	SSF x Far_LoA	-8,95226416	-0,050	0,315
CHR6	25264076	CHR6:25264076	SSF x Far_LoA	-10,4638116	-0,086	0,321
CHR6	25268246	CHR6:25268246	SSF x Far_LoA	-10,1838588	0,008	0,319
CHR6	25268267	CHR6:25268267	SSF x Far_LoA	-9,518754	-0,051	0,313
CHR6	25268291	CHR6:25268291	SSF x Far_LoA	-7,96723065	-0,039	0,300
CHR6	25268325	CHR6:25268325	SSF x Far_LoA	-8,97075144	0,072	0,301
CHR6	25277518	CHR6:25277518	SSF x Far_LoA	-5,58641425	-0,118	0,303
CHR6	25282753	CHR6:25282753	SSF x Far_LoA	-8,05928298	0,069	0,311
CHR6	25282825	CHR6:25282825	SSF x Far_LoA	-10,4497001	-0,084	0,311
CHR6	25282953	CHR6:25282953	SSF x Far_LoA	-8,77358901	-0,062	0,314
CHR6	25293356	CHR6:25293356	SSF x Far_LoA	-11,7357974	-0,106	0,304
CHR6	25296539	CHR6:25296539	SSF x Far_LoA	-9,49468722	-0,008	0,311
CHR6	2532023	CHR6:2532023	SSF x Far_LoA	-10,5687757	-0,080	0,300
CHR6	25321400	CHR6:25321400	SSF x Far_LoA	-5,73364159	-0,026	0,304
CHR6	25344870	CHR6:25344870	SSF x Far_LoA	-7,04590905	-0,107	0,313
CHR6	25344894	CHR6:25344894	SSF x Far_LoA	-9,28294754	0,141	0,288
CHR6	25344912	CHR6:25344912	SSF x Far_LoA	-10,9340153	0,048	0,314
CHR6	25344914	CHR6:25344914	SSF x Far_LoA	-8,28558537	-0,077	0,304
CHR6	25344923	CHR6:25344923	SSF x Far_LoA	-9,37576004	-0,004	0,309
CHR6	25345018	CHR6:25345018	SSF x Far_LoA	-10,1973965	-0,128	0,284
CHR6	25345019	CHR6:25345019	SSF x Far_LoA	-11,9727889	-0,046	0,294
CHR6	25345053	CHR6:25345053	SSF x Far_LoA	-7,80851819	-0,098	0,305
CHR6	25345078	CHR6:25345078	SSF x Far_LoA	-9,67365142	-0,069	0,303
CHR6	25345085	CHR6:25345085	SSF x Far_LoA	-5,05894521	0,131	0,307
CHR6	25345093	CHR6:25345093	SSF x Far_LoA	-9,92935247	-0,155	0,301
CHR6	25345112	CHR6:25345112	SSF x Far_LoA	-7,70731108	0,115	0,297
CHR6	25345135	CHR6:25345135	SSF x Far_LoA	-8,1030024	-0,091	0,315
CHR6	25347370	CHR6:25347370	SSF x Far_LoA	-10,3796661	0,007	0,311
CHR6	25347384	CHR6:25347384	SSF x Far_LoA	-4,93807814	0,106	0,300
CHR6	25347456	CHR6:25347456	SSF x Far_LoA	-7,66124397	-0,114	0,305
CHR6	25347509	CHR6:25347509	SSF x Far_LoA	-9,71631003	-0,118	0,305
CHR6	25347578	CHR6:25347578	SSF x Far_LoA	-9,78750501	0,083	0,305
CHR6	25349468	CHR6:25349468	SSF x Far_LoA	-9,49256988	0,136	0,282
CHR6	25353106	CHR6:25353106	SSF x Far_LoA	-8,7871509	-0,076	0,310
CHR6	25353118	CHR6:25353118	SSF x Far_LoA	-9,98721867	-0,048	0,303
CHR6	25353192	CHR6:25353192	SSF x Far_LoA	-5,59346215	-0,171	0,291
CHR6	25364340	CHR6:25364340	SSF x Far_LoA	-8,76937834	0,043	0,307
CHR6	25364388	CHR6:25364388	SSF x Far_LoA	-6,9851559	0,126	0,298
CHR6	25364418	CHR6:25364418	SSF x Far_LoA	-10,0962081	0,097	0,313
CHR6	25370603	CHR6:25370603	SSF x Far_LoA	-5,53206368	-0,058	0,308
CHR6	25370763	CHR6:25370763	SSF x Far_LoA	-9,13998129	-0,103	0,301
CHR6	25373793	CHR6:25373793	SSF x Far_LoA	-7,23523534	0,091	0,299
CHR6	25373879	CHR6:25373879	SSF x Far_LoA	-6,58245832	-0,123	0,311

CHR6	25379669	CHR6:25379669	SSF x Far_LoA	-9,12016258	-0,080	0,307
CHR6	25386796	CHR6:25386796	SSF x Far_LoA	-10,2544092	0,051	0,289
CHR6	25386807	CHR6:25386807	SSF x Far_LoA	-11,7756108	0,082	0,303
CHR6	25393205	CHR6:25393205	SSF x Far_LoA	-10,4530435	-0,044	0,308
CHR6	2539558	CHR6:2539558	SSF x Far_LoA	-8,91673573	0,091	0,303
CHR6	25395688	CHR6:25395688	SSF x Far_LoA	-12,1811357	-0,012	0,287
CHR6	25395780	CHR6:25395780	SSF x Far_LoA	-9,03675852	-0,136	0,304
CHR6	25395896	CHR6:25395896	SSF x Far_LoA	-11,3060279	-0,018	0,310
CHR6	25395900	CHR6:25395900	SSF x Far_LoA	-10,9450578	-0,036	0,309
CHR6	25399937	CHR6:25399937	SSF x Far_LoA	-11,4995885	0,077	0,309
CHR6	25399959	CHR6:25399959	SSF x Far_LoA	-9,92785984	0,066	0,289
CHR6	25400138	CHR6:25400138	SSF x Far_LoA	-10,9215343	-0,019	0,308
CHR6	25437206	CHR6:25437206	SSF x Far_LoA	-10,5467596	-0,048	0,296
CHR6	25437267	CHR6:25437267	SSF x Far_LoA	-10,9641572	-0,014	0,304
CHR6	25437353	CHR6:25437353	SSF x Far_LoA	-5,71334029	0,059	0,305
CHR6	2544159	CHR6:2544159	SSF x Far_LoA	-10,0814904	-0,052	0,305
CHR6	2544191	CHR6:2544191	SSF x Far_LoA	-9,96326904	0,105	0,313
CHR6	2544277	CHR6:2544277	SSF x Far_LoA	-9,52962867	0,128	0,295
CHR6	25449558	CHR6:25449558	SSF x Far_LoA	-11,6451196	-0,024	0,307
CHR6	25449699	CHR6:25449699	SSF x Far_LoA	-8,94717112	-0,054	0,299
CHR6	25449793	CHR6:25449793	SSF x Far_LoA	-10,2313934	-0,005	0,319
CHR6	25460635	CHR6:25460635	SSF x Far_LoA	-8,40488663	-0,015	0,320
CHR6	25466428	CHR6:25466428	SSF x Far_LoA	-9,50509679	-0,093	0,297
CHR6	25470279	CHR6:25470279	SSF x Far_LoA	-10,3220023	0,034	0,303
CHR6	25473564	CHR6:25473564	SSF x Far_LoA	-8,76297817	-0,164	0,284
CHR6	25473650	CHR6:25473650	SSF x Far_LoA	-9,67311866	-0,162	0,291
CHR6	25473662	CHR6:25473662	SSF x Far_LoA	-8,44862416	0,049	0,316
CHR6	25473718	CHR6:25473718	SSF x Far_LoA	-9,65437496	0,114	0,299
CHR6	25473788	CHR6:25473788	SSF x Far_LoA	-6,84332042	0,107	0,316
CHR6	25475665	CHR6:25475665	SSF x Far_LoA	-9,75985496	0,049	0,316
CHR6	25476591	CHR6:25476591	SSF x Far_LoA	-11,5304953	-0,042	0,298
CHR6	25484205	CHR6:25484205	SSF x Far_LoA	-9,25985944	-0,010	0,301
CHR6	25490355	CHR6:25490355	SSF x Far_LoA	-6,13727315	0,006	0,309
CHR6	25490368	CHR6:25490368	SSF x Far_LoA	-8,10912681	-0,078	0,312
CHR6	25490414	CHR6:25490414	SSF x Far_LoA	-8,18279962	-0,051	0,324
CHR6	25497039	CHR6:25497039	SSF x Far_LoA	-10,2715563	0,064	0,304
CHR6	2549890	CHR6:2549890	SSF x Far_LoA	-9,58746365	-0,088	0,324
CHR6	25499107	CHR6:25499107	SSF x Far_LoA	-9,48731336	0,003	0,314
CHR6	2549942	CHR6:2549942	SSF x Far_LoA	-7,81337679	0,137	0,309
CHR6	2549964	CHR6:2549964	SSF x Far_LoA	-8,56645084	0,045	0,302
CHR6	2549966	CHR6:2549966	SSF x Far_LoA	-7,99458559	-0,024	0,308
CHR6	25504129	CHR6:25504129	SSF x Far_LoA	-12,3241539	-0,018	0,303
CHR6	25504138	CHR6:25504138	SSF x Far_LoA	-10,0861707	0,109	0,297
CHR6	25504144	CHR6:25504144	SSF x Far_LoA	-10,7978576	0,012	0,307
CHR6	25504157	CHR6:25504157	SSF x Far_LoA	-10,0544734	-0,036	0,306
CHR6	25504206	CHR6:25504206	SSF x Far_LoA	-10,026067	-0,054	0,287
CHR6	25504270	CHR6:25504270	SSF x Far_LoA	-10,9649889	-0,020	0,305
CHR6	25504328	CHR6:25504328	SSF x Far_LoA	-8,86501836	0,039	0,304
CHR6	25504343	CHR6:25504343	SSF x Far_LoA	-9,2032297	0,008	0,306
CHR6	25505428	CHR6:25505428	SSF x Far_LoA	-9,52952233	0,005	0,310
CHR6	25506161	CHR6:25506161	SSF x Far_LoA	-8,26619636	-0,052	0,307
CHR6	25506203	CHR6:25506203	SSF x Far_LoA	-8,37753869	-0,072	0,307
CHR6	25507040	CHR6:25507040	SSF x Far_LoA	-7,68374015	0,114	0,294

CHR6	25507046	CHR6:25507046	SSF x Far_LoA	-6,62917095	-0,001	0,299
CHR6	25507052	CHR6:25507052	SSF x Far_LoA	-9,97315183	0,035	0,305
CHR6	25513496	CHR6:25513496	SSF x Far_LoA	-9,6186187	0,055	0,293
CHR6	25513573	CHR6:25513573	SSF x Far_LoA	-5,445497	-0,164	0,303
CHR6	25513577	CHR6:25513577	SSF x Far_LoA	-7,51001779	-0,108	0,309
CHR6	25513613	CHR6:25513613	SSF x Far_LoA	-6,92938208	-0,003	0,326
CHR6	25513625	CHR6:25513625	SSF x Far_LoA	-8,22406995	0,117	0,308
CHR6	25513626	CHR6:25513626	SSF x Far_LoA	-8,43394395	-0,020	0,307
CHR6	25513635	CHR6:25513635	SSF x Far_LoA	-10,8139379	0,037	0,298
CHR6	25513646	CHR6:25513646	SSF x Far_LoA	-5,64477323	-0,013	0,300
CHR6	25513682	CHR6:25513682	SSF x Far_LoA	-9,99347682	-0,081	0,301
CHR6	25513693	CHR6:25513693	SSF x Far_LoA	-9,74161444	-0,052	0,320
CHR6	2552116	CHR6:2552116	SSF x Far_LoA	-7,79328312	0,009	0,319
CHR6	25521191	CHR6:25521191	SSF x Far_LoA	-9,04570686	-0,010	0,303
CHR6	25521196	CHR6:25521196	SSF x Far_LoA	-10,3161069	-0,039	0,313
CHR6	25521202	CHR6:25521202	SSF x Far_LoA	-9,24276017	-0,003	0,315
CHR6	25521278	CHR6:25521278	SSF x Far_LoA	-8,08913652	0,053	0,314
CHR6	25523521	CHR6:25523521	SSF x Far_LoA	-10,4213796	0,056	0,296
CHR6	25528581	CHR6:25528581	SSF x Far_LoA	-8,43186465	-0,016	0,306
CHR6	25528614	CHR6:25528614	SSF x Far_LoA	-8,19409767	-0,126	0,298
CHR6	25530957	CHR6:25530957	SSF x Far_LoA	-11,2870539	-0,037	0,298
CHR6	25530979	CHR6:25530979	SSF x Far_LoA	-8,91022073	0,069	0,317
CHR6	25531012	CHR6:25531012	SSF x Far_LoA	-12,151809	-0,018	0,312
CHR6	25531048	CHR6:25531048	SSF x Far_LoA	-8,42332725	-0,040	0,301
CHR6	25541675	CHR6:25541675	SSF x Far_LoA	-9,50555981	0,023	0,308
CHR6	25543676	CHR6:25543676	SSF x Far_LoA	-9,72871933	-0,158	0,310
CHR6	25543710	CHR6:25543710	SSF x Far_LoA	-10,3112078	-0,050	0,305
CHR6	25545839	CHR6:25545839	SSF x Far_LoA	-8,568846	0,060	0,300
CHR6	2554745	CHR6:2554745	SSF x Far_LoA	-9,39138169	0,093	0,309
CHR6	2554811	CHR6:2554811	SSF x Far_LoA	-10,8254463	0,026	0,304
CHR6	25550731	CHR6:25550731	SSF x Far_LoA	-8,75307652	0,046	0,307
CHR6	25550803	CHR6:25550803	SSF x Far_LoA	-10,6106248	0,052	0,315
CHR6	25550903	CHR6:25550903	SSF x Far_LoA	-10,3297289	-0,003	0,292
CHR6	25550983	CHR6:25550983	SSF x Far_LoA	-7,69310444	-0,053	0,308
CHR6	25553700	CHR6:25553700	SSF x Far_LoA	-12,4059745	-0,051	0,279
CHR6	25553786	CHR6:25553786	SSF x Far_LoA	-8,30856095	-0,073	0,316
CHR6	25557545	CHR6:25557545	SSF x Far_LoA	-8,36976027	0,100	0,315
CHR6	25557758	CHR6:25557758	SSF x Far_LoA	-6,49611311	-0,072	0,325
CHR6	25565579	CHR6:25565579	SSF x Far_LoA	-8,80119075	-0,017	0,311
CHR6	25565599	CHR6:25565599	SSF x Far_LoA	-7,9335847	-0,002	0,309
CHR6	25565656	CHR6:25565656	SSF x Far_LoA	-8,33464297	-0,074	0,299
CHR6	25565659	CHR6:25565659	SSF x Far_LoA	-9,07899875	-0,059	0,302
CHR6	25565664	CHR6:25565664	SSF x Far_LoA	-9,08046782	-0,001	0,316
CHR6	25565669	CHR6:25565669	SSF x Far_LoA	-10,5635294	-0,098	0,301
CHR6	25574081	CHR6:25574081	SSF x Far_LoA	-9,75117677	-0,089	0,306
CHR6	25583491	CHR6:25583491	SSF x Far_LoA	-6,9995862	0,001	0,319
CHR6	25583519	CHR6:25583519	SSF x Far_LoA	-8,2340604	-0,101	0,305
CHR6	25583547	CHR6:25583547	SSF x Far_LoA	-6,47761721	0,041	0,322
CHR6	25583693	CHR6:25583693	SSF x Far_LoA	-8,95071938	-0,060	0,323
CHR6	2558820	CHR6:2558820	SSF x Far_LoA	-0,89829432	-0,159	0,301
CHR6	25588772	CHR6:25588772	SSF x Far_LoA	-8,83328489	-0,099	0,295
CHR6	2558990	CHR6:2558990	SSF x Far_LoA	-11,5936036	-0,013	0,306
CHR6	2559923	CHR6:2559923	SSF x Far_LoA	-7,65144428	0,129	0,305

CHR6	25602843	CHR6:25602843	SSF x Far_LoA	-11,2321266	0,028	0,302
CHR6	25602950	CHR6:25602950	SSF x Far_LoA	-10,7931499	-0,026	0,292
CHR6	25606431	CHR6:25606431	SSF x Far_LoA	-8,69648107	-0,126	0,305
CHR6	25606549	CHR6:25606549	SSF x Far_LoA	-5,13880025	-0,100	0,311
CHR6	25607620	CHR6:25607620	SSF x Far_LoA	-10,1189984	0,038	0,308
CHR6	25607653	CHR6:25607653	SSF x Far_LoA	-2,25333414	0,121	0,295
CHR6	25607700	CHR6:25607700	SSF x Far_LoA	-8,62072829	0,132	0,294
CHR6	25607804	CHR6:25607804	SSF x Far_LoA	-3,79266808	-0,111	0,296
CHR6	25607818	CHR6:25607818	SSF x Far_LoA	-9,76378479	-0,034	0,292
CHR6	25607823	CHR6:25607823	SSF x Far_LoA	-8,65771304	-0,114	0,326
CHR6	25607843	CHR6:25607843	SSF x Far_LoA	-8,92757251	-0,072	0,301
CHR6	25607916	CHR6:25607916	SSF x Far_LoA	-8,84992012	0,070	0,300
CHR6	25614178	CHR6:25614178	SSF x Far_LoA	-7,72873862	0,122	0,299
CHR6	25614311	CHR6:25614311	SSF x Far_LoA	-9,77396671	-0,050	0,299
CHR6	25614339	CHR6:25614339	SSF x Far_LoA	-9,31050921	-0,059	0,310
CHR6	25614402	CHR6:25614402	SSF x Far_LoA	-9,88958209	-0,066	0,317
CHR6	25614442	CHR6:25614442	SSF x Far_LoA	-9,88411063	0,023	0,312
CHR6	25627827	CHR6:25627827	SSF x Far_LoA	-9,88112132	0,046	0,311
CHR6	25628012	CHR6:25628012	SSF x Far_LoA	-9,89535725	-0,075	0,317
CHR6	25634862	CHR6:25634862	SSF x Far_LoA	-7,58073177	-0,059	0,319
CHR6	2563830	CHR6:2563830	SSF x Far_LoA	-7,05810836	-0,094	0,298
CHR6	25639296	CHR6:25639296	SSF x Far_LoA	-8,92345992	-0,108	0,303
CHR6	2563964	CHR6:2563964	SSF x Far_LoA	-9,99921538	0,055	0,307
CHR6	2564010	CHR6:2564010	SSF x Far_LoA	-7,63141367	0,132	0,313
CHR6	2564012	CHR6:2564012	SSF x Far_LoA	-11,3928404	0,082	0,304
CHR6	2564027	CHR6:2564027	SSF x Far_LoA	-9,50037313	0,066	0,299
CHR6	25649948	CHR6:25649948	SSF x Far_LoA	-10,5296243	0,028	0,298
CHR6	25650115	CHR6:25650115	SSF x Far_LoA	-8,9326509	0,122	0,303
CHR6	25650245	CHR6:25650245	SSF x Far_LoA	-7,81086358	0,135	0,301
CHR6	25650268	CHR6:25650268	SSF x Far_LoA	-10,9948511	0,061	0,313
CHR6	25656643	CHR6:25656643	SSF x Far_LoA	-8,99461783	0,104	0,296
CHR6	25658048	CHR6:25658048	SSF x Far_LoA	-10,4832448	0,078	0,301
CHR6	25660631	CHR6:25660631	SSF x Far_LoA	-5,53055009	0,188	0,298
CHR6	25664499	CHR6:25664499	SSF x Far_LoA	-10,3446488	-0,020	0,314
CHR6	25666216	CHR6:25666216	SSF x Far_LoA	-7,7480815	0,071	0,305
CHR6	25666247	CHR6:25666247	SSF x Far_LoA	-4,72394412	0,000	0,308
CHR6	25668632	CHR6:25668632	SSF x Far_LoA	-12,1724158	0,035	0,298
CHR6	25668708	CHR6:25668708	SSF x Far_LoA	-11,2779271	-0,024	0,313
CHR6	25668714	CHR6:25668714	SSF x Far_LoA	-10,8247045	-0,073	0,299
CHR6	25668722	CHR6:25668722	SSF x Far_LoA	-10,0684616	-0,112	0,305
CHR6	25673112	CHR6:25673112	SSF x Far_LoA	-9,97363394	0,139	0,305
CHR6	25673119	CHR6:25673119	SSF x Far_LoA	-10,3573115	0,001	0,309
CHR6	25673792	CHR6:25673792	SSF x Far_LoA	-12,246782	0,004	0,306
CHR6	25673853	CHR6:25673853	SSF x Far_LoA	-8,92474752	0,078	0,307
CHR6	25678043	CHR6:25678043	SSF x Far_LoA	-8,05985475	-0,043	0,323
CHR6	25678052	CHR6:25678052	SSF x Far_LoA	-7,50821101	0,066	0,306
CHR6	25678054	CHR6:25678054	SSF x Far_LoA	-8,96495957	0,069	0,311
CHR6	25687427	CHR6:25687427	SSF x Far_LoA	-8,23781122	-0,005	0,297
CHR6	25687476	CHR6:25687476	SSF x Far_LoA	-11,9349453	0,007	0,310
CHR6	25687488	CHR6:25687488	SSF x Far_LoA	-9,40084429	0,066	0,310
CHR6	25687516	CHR6:25687516	SSF x Far_LoA	-11,8829553	0,011	0,312
CHR6	25688874	CHR6:25688874	SSF x Far_LoA	-8,19421514	0,141	0,305
CHR6	25694788	CHR6:25694788	SSF x Far_LoA	-7,86745355	0,026	0,304

CHR6	25694798	CHR6:25694798	SSF x Far_LoA	-9,47513645	0,094	0,298
CHR6	25696920	CHR6:25696920	SSF x Far_LoA	-7,99827859	-0,102	0,315
CHR6	25696936	CHR6:25696936	SSF x Far_LoA	-6,18839196	-0,089	0,322
CHR6	25699436	CHR6:25699436	SSF x Far_LoA	-8,70081248	0,015	0,312
CHR6	25699508	CHR6:25699508	SSF x Far_LoA	-8,9821828	0,059	0,293
CHR6	25699525	CHR6:25699525	SSF x Far_LoA	-9,11734276	0,039	0,296
CHR6	25717086	CHR6:25717086	SSF x Far_LoA	-7,4714036	-0,071	0,292
CHR6	25717915	CHR6:25717915	SSF x Far_LoA	-9,34360335	-0,049	0,302
CHR6	25718669	CHR6:25718669	SSF x Far_LoA	-10,0035729	-0,048	0,313
CHR6	25718814	CHR6:25718814	SSF x Far_LoA	-7,61063116	0,013	0,313
CHR6	25723647	CHR6:25723647	SSF x Far_LoA	-10,4829229	0,054	0,311
CHR6	25723766	CHR6:25723766	SSF x Far_LoA	-9,65042274	0,084	0,305
CHR6	25731690	CHR6:25731690	SSF x Far_LoA	-11,243274	0,022	0,306
CHR6	25734687	CHR6:25734687	SSF x Far_LoA	-10,8241177	0,001	0,303
CHR6	25737880	CHR6:25737880	SSF x Far_LoA	-9,87470258	0,072	0,297
CHR6	25737886	CHR6:25737886	SSF x Far_LoA	-10,3034358	0,029	0,310
CHR6	25737968	CHR6:25737968	SSF x Far_LoA	-8,38437344	0,112	0,310
CHR6	25737979	CHR6:25737979	SSF x Far_LoA	-7,63723637	0,109	0,319
CHR6	25738033	CHR6:25738033	SSF x Far_LoA	-7,5701035	-0,013	0,304
CHR6	25738047	CHR6:25738047	SSF x Far_LoA	-9,63120259	0,034	0,304
CHR6	25755445	CHR6:25755445	SSF x Far_LoA	-10,0111794	0,060	0,296
CHR6	25755780	CHR6:25755780	SSF x Far_LoA	-8,27446225	-0,021	0,315
CHR6	2575964	CHR6:2575964	SSF x Far_LoA	-10,7959495	-0,003	0,310
CHR6	25764834	CHR6:25764834	SSF x Far_LoA	-9,75810847	-0,049	0,287
CHR6	25765419	CHR6:25765419	SSF x Far_LoA	-8,08657593	-0,029	0,297
CHR6	25765471	CHR6:25765471	SSF x Far_LoA	-3,81596105	0,090	0,293
CHR6	25765606	CHR6:25765606	SSF x Far_LoA	-8,07967461	0,047	0,305
CHR6	25765609	CHR6:25765609	SSF x Far_LoA	-8,10368155	-0,031	0,295
CHR6	25765669	CHR6:25765669	SSF x Far_LoA	-6,27818458	0,106	0,297
CHR6	2577529	CHR6:2577529	SSF x Far_LoA	-12,1362308	-0,033	0,328
CHR6	2577616	CHR6:2577616	SSF x Far_LoA	-12,0802404	0,063	0,313
CHR6	25778293	CHR6:25778293	SSF x Far_LoA	-9,62721148	0,106	0,305
CHR6	25782706	CHR6:25782706	SSF x Far_LoA	-9,07261998	0,077	0,303
CHR6	25782739	CHR6:25782739	SSF x Far_LoA	-8,82892971	-0,080	0,299
CHR6	25782743	CHR6:25782743	SSF x Far_LoA	-6,15141094	-0,062	0,317
CHR6	25793316	CHR6:25793316	SSF x Far_LoA	-9,76852694	-0,089	0,304
CHR6	2580523	CHR6:2580523	SSF x Far_LoA	-8,97439998	-0,003	0,296
CHR6	2580551	CHR6:2580551	SSF x Far_LoA	-9,83502686	-0,055	0,309
CHR6	2580588	CHR6:2580588	SSF x Far_LoA	-9,02185251	-0,043	0,284
CHR6	2580620	CHR6:2580620	SSF x Far_LoA	-9,23862648	-0,017	0,291
CHR6	2580716	CHR6:2580716	SSF x Far_LoA	-10,8977011	0,006	0,306
CHR6	25822187	CHR6:25822187	SSF x Far_LoA	-10,6671619	0,110	0,309
CHR6	25822236	CHR6:25822236	SSF x Far_LoA	-6,41103711	0,129	0,307
CHR6	25822265	CHR6:25822265	SSF x Far_LoA	-10,3036779	0,083	0,314
CHR6	25824048	CHR6:25824048	SSF x Far_LoA	-9,33875684	-0,137	0,290
CHR6	25826649	CHR6:25826649	SSF x Far_LoA	-8,88379031	-0,017	0,308
CHR6	25827898	CHR6:25827898	SSF x Far_LoA	-6,97722952	-0,026	0,316
CHR6	2583421	CHR6:2583421	SSF x Far_LoA	-7,40932784	-0,157	0,300
CHR6	2583427	CHR6:2583427	SSF x Far_LoA	-10,3940264	0,115	0,313
CHR6	25834670	CHR6:25834670	SSF x Far_LoA	-11,5784367	-0,031	0,309
CHR6	2583494	CHR6:2583494	SSF x Far_LoA	-7,00704205	0,032	0,315
CHR6	25839088	CHR6:25839088	SSF x Far_LoA	-10,815623	0,048	0,297
CHR6	25846950	CHR6:25846950	SSF x Far_LoA	-10,467845	0,015	0,313

CHR6	25857592	CHR6:25857592	SSF x Far_LoA	-8,54436442	0,028	0,310
CHR6	25866765	CHR6:25866765	SSF x Far_LoA	-9,9332471	0,086	0,309
CHR6	259065	CHR6:259065	SSF x Far_LoA	-10,0244237	0,141	0,290
CHR6	259072	CHR6:259072	SSF x Far_LoA	-11,7097087	0,040	0,310
CHR6	259133	CHR6:259133	SSF x Far_LoA	-9,34306514	0,017	0,306
CHR6	25914557	CHR6:25914557	SSF x Far_LoA	-8,563084	-0,075	0,302
CHR6	25915180	CHR6:25915180	SSF x Far_LoA	-8,93410934	0,064	0,306
CHR6	25919169	CHR6:25919169	SSF x Far_LoA	-10,1632254	0,085	0,302
CHR6	25919314	CHR6:25919314	SSF x Far_LoA	-10,0049166	-0,025	0,312
CHR6	259199	CHR6:259199	SSF x Far_LoA	-4,47352716	0,193	0,296
CHR6	25922217	CHR6:25922217	SSF x Far_LoA	-9,0010361	-0,106	0,307
CHR6	25922276	CHR6:25922276	SSF x Far_LoA	-9,44985207	-0,033	0,322
CHR6	25922323	CHR6:25922323	SSF x Far_LoA	-9,81783334	0,113	0,305
CHR6	25925305	CHR6:25925305	SSF x Far_LoA	-10,9025966	-0,009	0,315
CHR6	25932327	CHR6:25932327	SSF x Far_LoA	-3,66363945	-0,116	0,304
CHR6	25932330	CHR6:25932330	SSF x Far_LoA	-4,47840436	-0,132	0,309
CHR6	25932331	CHR6:25932331	SSF x Far_LoA	-8,6818476	-0,112	0,306
CHR6	25932376	CHR6:25932376	SSF x Far_LoA	-9,75677801	-0,113	0,301
CHR6	25932489	CHR6:25932489	SSF x Far_LoA	-9,54048602	-0,138	0,298
CHR6	2593316	CHR6:2593316	SSF x Far_LoA	-9,65678526	-0,094	0,308
CHR6	25941006	CHR6:25941006	SSF x Far_LoA	-11,6610451	-0,042	0,310
CHR6	25941122	CHR6:25941122	SSF x Far_LoA	-9,51949038	0,019	0,309
CHR6	25941163	CHR6:25941163	SSF x Far_LoA	-6,78389329	-0,041	0,317
CHR6	25941178	CHR6:25941178	SSF x Far_LoA	-9,62226933	0,020	0,300
CHR6	25941202	CHR6:25941202	SSF x Far_LoA	-8,84283484	-0,038	0,306
CHR6	25941226	CHR6:25941226	SSF x Far_LoA	-7,82589955	-0,068	0,310
CHR6	2594267	CHR6:2594267	SSF x Far_LoA	-9,5581113	-0,017	0,313
CHR6	25942871	CHR6:25942871	SSF x Far_LoA	-11,2020714	0,030	0,308
CHR6	25942890	CHR6:25942890	SSF x Far_LoA	-10,5974943	0,039	0,314
CHR6	25942907	CHR6:25942907	SSF x Far_LoA	-10,6289038	0,046	0,304
CHR6	2594333	CHR6:2594333	SSF x Far_LoA	-10,8562343	-0,068	0,308
CHR6	2594365	CHR6:2594365	SSF x Far_LoA	-9,20256778	0,006	0,309
CHR6	2594381	CHR6:2594381	SSF x Far_LoA	-7,67938614	0,043	0,318
CHR6	25950387	CHR6:25950387	SSF x Far_LoA	-9,61174757	0,051	0,295
CHR6	25951067	CHR6:25951067	SSF x Far_LoA	-8,19934453	-0,059	0,306
CHR6	25951068	CHR6:25951068	SSF x Far_LoA	-10,4470275	-0,097	0,310
CHR6	25951085	CHR6:25951085	SSF x Far_LoA	-11,018791	-0,022	0,325
CHR6	25951103	CHR6:25951103	SSF x Far_LoA	-8,62829252	0,091	0,306
CHR6	25951139	CHR6:25951139	SSF x Far_LoA	-10,4044061	-0,018	0,312
CHR6	25955701	CHR6:25955701	SSF x Far_LoA	-12,3407104	0,032	0,297
CHR6	25957631	CHR6:25957631	SSF x Far_LoA	-10,8955968	-0,063	0,310
CHR6	25957747	CHR6:25957747	SSF x Far_LoA	-5,17545983	0,222	0,286
CHR6	25957754	CHR6:25957754	SSF x Far_LoA	-11,5458745	-0,078	0,298
CHR6	2596354	CHR6:2596354	SSF x Far_LoA	-6,80671909	-0,124	0,319
CHR6	25972542	CHR6:25972542	SSF x Far_LoA	-7,17355837	0,042	0,313
CHR6	25976704	CHR6:25976704	SSF x Far_LoA	-9,870268	0,085	0,302
CHR6	25976777	CHR6:25976777	SSF x Far_LoA	-9,23929714	0,115	0,310
CHR6	25976824	CHR6:25976824	SSF x Far_LoA	-7,97405817	0,108	0,310
CHR6	25976826	CHR6:25976826	SSF x Far_LoA	-3,34698817	0,090	0,320
CHR6	25980525	CHR6:25980525	SSF x Far_LoA	-10,6852848	0,059	0,312
CHR6	25980761	CHR6:25980761	SSF x Far_LoA	-6,56495371	0,042	0,306
CHR6	25992969	CHR6:25992969	SSF x Far_LoA	-5,96324281	-0,026	0,301
CHR6	25994818	CHR6:25994818	SSF x Far_LoA	-4,57367193	0,237	0,290

CHR6	25998143	CHR6:25998143	SSF x Far_LoA	-10,1046935	0,039	0,302
CHR6	25998183	CHR6:25998183	SSF x Far_LoA	-9,02128588	-0,052	0,299
CHR6	25998204	CHR6:25998204	SSF x Far_LoA	-10,5639629	-0,044	0,312
CHR6	25998245	CHR6:25998245	SSF x Far_LoA	-10,2483195	0,023	0,320
CHR6	25998256	CHR6:25998256	SSF x Far_LoA	-9,54095511	-0,055	0,304
CHR6	25999680	CHR6:25999680	SSF x Far_LoA	-8,05739908	0,082	0,302
CHR6	26002600	CHR6:26002600	SSF x Far_LoA	-11,1485067	-0,161	0,301
CHR6	26002601	CHR6:26002601	SSF x Far_LoA	-9,11989089	-0,134	0,306
CHR6	26002774	CHR6:26002774	SSF x Far_LoA	-9,43014848	0,031	0,317
CHR6	26005788	CHR6:26005788	SSF x Far_LoA	-10,0687963	-0,038	0,314
CHR6	26005836	CHR6:26005836	SSF x Far_LoA	-8,44617018	0,027	0,313
CHR6	26008472	CHR6:26008472	SSF x Far_LoA	-10,2611983	0,070	0,301
CHR6	26008580	CHR6:26008580	SSF x Far_LoA	-8,95986804	-0,042	0,309
CHR6	26011051	CHR6:26011051	SSF x Far_LoA	-8,27126743	-0,085	0,311
CHR6	26036918	CHR6:26036918	SSF x Far_LoA	-9,26613844	-0,028	0,320
CHR6	26036942	CHR6:26036942	SSF x Far_LoA	-9,47424898	0,047	0,304
CHR6	26036972	CHR6:26036972	SSF x Far_LoA	-9,34743761	0,044	0,312
CHR6	26036983	CHR6:26036983	SSF x Far_LoA	-9,36671991	-0,040	0,318
CHR6	26036985	CHR6:26036985	SSF x Far_LoA	-9,42933933	-0,038	0,306
CHR6	26043115	CHR6:26043115	SSF x Far_LoA	0,14457843	0,078	0,312
CHR6	26052583	CHR6:26052583	SSF x Far_LoA	-9,35958184	0,052	0,302
CHR6	26071632	CHR6:26071632	SSF x Far_LoA	-11,3581364	0,063	0,315
CHR6	26071664	CHR6:26071664	SSF x Far_LoA	-9,85559128	0,059	0,314
CHR6	26071684	CHR6:26071684	SSF x Far_LoA	-8,64564198	0,083	0,300
CHR6	26071733	CHR6:26071733	SSF x Far_LoA	-9,69086565	-0,087	0,296
CHR6	26071787	CHR6:26071787	SSF x Far_LoA	-9,55254747	-0,022	0,304
CHR6	26071806	CHR6:26071806	SSF x Far_LoA	-9,08942474	0,011	0,306
CHR6	26071815	CHR6:26071815	SSF x Far_LoA	-9,07877303	0,018	0,311
CHR6	26071827	CHR6:26071827	SSF x Far_LoA	-7,40830831	0,152	0,312
CHR6	26073380	CHR6:26073380	SSF x Far_LoA	-10,6976881	-0,108	0,294
CHR6	26078481	CHR6:26078481	SSF x Far_LoA	-10,3354261	0,022	0,307
CHR6	26078534	CHR6:26078534	SSF x Far_LoA	-8,39901877	-0,021	0,299
CHR6	26078569	CHR6:26078569	SSF x Far_LoA	-10,171957	0,101	0,316
CHR6	26078602	CHR6:26078602	SSF x Far_LoA	-9,5300171	0,058	0,314
CHR6	26078616	CHR6:26078616	SSF x Far_LoA	-8,43518975	0,005	0,296
CHR6	26078624	CHR6:26078624	SSF x Far_LoA	-11,0023228	-0,018	0,303
CHR6	26081125	CHR6:26081125	SSF x Far_LoA	-9,09332167	0,095	0,295
CHR6	26081178	CHR6:26081178	SSF x Far_LoA	-10,576098	-0,037	0,307
CHR6	26085594	CHR6:26085594	SSF x Far_LoA	-7,9099911	-0,024	0,312
CHR6	26085595	CHR6:26085595	SSF x Far_LoA	-9,49039216	-0,032	0,300
CHR6	26085596	CHR6:26085596	SSF x Far_LoA	-9,64939586	-0,031	0,295
CHR6	26085667	CHR6:26085667	SSF x Far_LoA	-12,3879283	0,080	0,293
CHR6	26091190	CHR6:26091190	SSF x Far_LoA	-5,3079557	0,160	0,298
CHR6	26091323	CHR6:26091323	SSF x Far_LoA	-9,84060809	-0,004	0,305
CHR6	26091403	CHR6:26091403	SSF x Far_LoA	-8,79145948	0,010	0,309
CHR6	26094493	CHR6:26094493	SSF x Far_LoA	-9,72881423	-0,064	0,304
CHR6	26099295	CHR6:26099295	SSF x Far_LoA	-11,1513748	-0,038	0,309
CHR6	26099515	CHR6:26099515	SSF x Far_LoA	-10,1822759	0,025	0,327
CHR6	26103282	CHR6:26103282	SSF x Far_LoA	-9,96302529	0,022	0,316
CHR6	26103327	CHR6:26103327	SSF x Far_LoA	-10,1966835	0,088	0,301
CHR6	26103342	CHR6:26103342	SSF x Far_LoA	-7,68105112	0,133	0,314
CHR6	26103462	CHR6:26103462	SSF x Far_LoA	-5,65902829	-0,086	0,307
CHR6	26103474	CHR6:26103474	SSF x Far_LoA	-4,15555769	-0,060	0,310

CHR6	26106240	CHR6:26106240	SSF x Far_LoA	-9,75378259	0,067	0,299
CHR6	26121754	CHR6:26121754	SSF x Far_LoA	-9,02872375	-0,061	0,303
CHR6	26121834	CHR6:26121834	SSF x Far_LoA	-9,93760241	0,081	0,300
CHR6	26123528	CHR6:26123528	SSF x Far_LoA	-8,40148319	0,016	0,310
CHR6	26125748	CHR6:26125748	SSF x Far_LoA	-10,3253694	0,059	0,300
CHR6	26132818	CHR6:26132818	SSF x Far_LoA	-9,00419282	0,003	0,307
CHR6	26132819	CHR6:26132819	SSF x Far_LoA	-8,65278909	0,004	0,303
CHR6	26132827	CHR6:26132827	SSF x Far_LoA	-8,95405741	0,079	0,304
CHR6	26134984	CHR6:26134984	SSF x Far_LoA	-11,2808197	-0,046	0,307
CHR6	26150215	CHR6:26150215	SSF x Far_LoA	-11,1255172	0,044	0,299
CHR6	26156794	CHR6:26156794	SSF x Far_LoA	-11,0190674	-0,003	0,309
CHR6	26156881	CHR6:26156881	SSF x Far_LoA	-9,78264972	0,000	0,319
CHR6	26157097	CHR6:26157097	SSF x Far_LoA	-9,24684449	-0,157	0,295
CHR6	26157099	CHR6:26157099	SSF x Far_LoA	-10,4266823	-0,143	0,312
CHR6	26158831	CHR6:26158831	SSF x Far_LoA	-10,4363765	-0,032	0,312
CHR6	26158861	CHR6:26158861	SSF x Far_LoA	-7,7848847	0,191	0,297
CHR6	26161384	CHR6:26161384	SSF x Far_LoA	-11,191854	0,013	0,309
CHR6	26161391	CHR6:26161391	SSF x Far_LoA	-11,6374206	0,064	0,310
CHR6	26161397	CHR6:26161397	SSF x Far_LoA	-6,3420975	0,111	0,312
CHR6	26161404	CHR6:26161404	SSF x Far_LoA	-11,6112051	0,039	0,303
CHR6	26162801	CHR6:26162801	SSF x Far_LoA	-11,4336825	0,043	0,301
CHR6	26165933	CHR6:26165933	SSF x Far_LoA	-10,119453	0,060	0,305
CHR6	26165967	CHR6:26165967	SSF x Far_LoA	-9,08401344	-0,052	0,307
CHR6	26166018	CHR6:26166018	SSF x Far_LoA	-9,12946093	-0,042	0,312
CHR6	26166047	CHR6:26166047	SSF x Far_LoA	-10,8628707	0,016	0,308
CHR6	26166073	CHR6:26166073	SSF x Far_LoA	-6,87477185	-0,026	0,327
CHR6	26166075	CHR6:26166075	SSF x Far_LoA	-8,13722368	0,013	0,314
CHR6	26166077	CHR6:26166077	SSF x Far_LoA	-8,62665306	-0,061	0,306
CHR6	26166122	CHR6:26166122	SSF x Far_LoA	-8,61831983	0,021	0,315
CHR6	26166124	CHR6:26166124	SSF x Far_LoA	-10,5526596	0,075	0,296
CHR6	26166143	CHR6:26166143	SSF x Far_LoA	-7,86483915	0,086	0,313
CHR6	26171941	CHR6:26171941	SSF x Far_LoA	-8,21638049	-0,093	0,300
CHR6	26175481	CHR6:26175481	SSF x Far_LoA	-9,57974729	-0,039	0,303
CHR6	26192631	CHR6:26192631	SSF x Far_LoA	-9,61529334	0,039	0,313
CHR6	26192843	CHR6:26192843	SSF x Far_LoA	-8,24528427	-0,039	0,320
CHR6	26192874	CHR6:26192874	SSF x Far_LoA	-10,0240594	-0,082	0,294
CHR6	26200421	CHR6:26200421	SSF x Far_LoA	-11,0431579	-0,038	0,301
CHR6	26200424	CHR6:26200424	SSF x Far_LoA	-10,7123897	0,070	0,298
CHR6	26200492	CHR6:26200492	SSF x Far_LoA	-8,84873807	0,056	0,307
CHR6	26200512	CHR6:26200512	SSF x Far_LoA	-8,63342394	0,034	0,303
CHR6	26200537	CHR6:26200537	SSF x Far_LoA	-9,72936068	0,006	0,292
CHR6	26208336	CHR6:26208336	SSF x Far_LoA	-10,1501502	-0,080	0,297
CHR6	26208376	CHR6:26208376	SSF x Far_LoA	-10,7790681	0,069	0,299
CHR6	26217640	CHR6:26217640	SSF x Far_LoA	-7,36504044	-0,070	0,306
CHR6	26217668	CHR6:26217668	SSF x Far_LoA	-12,3670724	0,022	0,313
CHR6	26218213	CHR6:26218213	SSF x Far_LoA	-9,10998421	-0,082	0,311
CHR6	26218216	CHR6:26218216	SSF x Far_LoA	-9,91583551	0,088	0,310
CHR6	26218230	CHR6:26218230	SSF x Far_LoA	-9,53090007	-0,112	0,304
CHR6	26218258	CHR6:26218258	SSF x Far_LoA	-6,2698025	-0,143	0,311
CHR6	26232203	CHR6:26232203	SSF x Far_LoA	-8,72105231	0,098	0,323
CHR6	26232303	CHR6:26232303	SSF x Far_LoA	-9,86873592	0,051	0,311
CHR6	26238657	CHR6:26238657	SSF x Far_LoA	-9,2983872	-0,095	0,310
CHR6	26238669	CHR6:26238669	SSF x Far_LoA	-10,4639045	-0,085	0,303

CHR6	26247122	CHR6:26247122	SSF x Far_LoA	-9,37727703	-0,062	0,308
CHR6	26247127	CHR6:26247127	SSF x Far_LoA	-5,87009377	-0,057	0,304
CHR6	26247137	CHR6:26247137	SSF x Far_LoA	-9,22943783	-0,064	0,308
CHR6	26247152	CHR6:26247152	SSF x Far_LoA	-9,11826872	-0,051	0,300
CHR6	26247173	CHR6:26247173	SSF x Far_LoA	-9,80962936	0,078	0,311
CHR6	2624728	CHR6:2624728	SSF x Far_LoA	-7,87355474	-0,033	0,316
CHR6	26261718	CHR6:26261718	SSF x Far_LoA	-8,46773521	0,050	0,307
CHR6	26261835	CHR6:26261835	SSF x Far_LoA	-5,46712224	0,167	0,285
CHR6	26261863	CHR6:26261863	SSF x Far_LoA	-10,0987469	-0,053	0,318
CHR6	26265585	CHR6:26265585	SSF x Far_LoA	-9,03246126	0,107	0,288
CHR6	26276680	CHR6:26276680	SSF x Far_LoA	-9,40669393	-0,065	0,305
CHR6	26276724	CHR6:26276724	SSF x Far_LoA	-8,49024954	-0,114	0,311
CHR6	26276757	CHR6:26276757	SSF x Far_LoA	-9,39489802	-0,023	0,309
CHR6	26281742	CHR6:26281742	SSF x Far_LoA	-11,1828119	-0,010	0,300
CHR6	26283656	CHR6:26283656	SSF x Far_LoA	-10,3196817	-0,034	0,304
CHR6	26283722	CHR6:26283722	SSF x Far_LoA	-3,83262909	-0,206	0,292
CHR6	26283857	CHR6:26283857	SSF x Far_LoA	-8,7809669	0,063	0,313
CHR6	26283887	CHR6:26283887	SSF x Far_LoA	-9,1753516	-0,074	0,294
CHR6	26285531	CHR6:26285531	SSF x Far_LoA	-8,80758604	-0,041	0,297
CHR6	26292446	CHR6:26292446	SSF x Far_LoA	-8,6910466	-0,089	0,321
CHR6	26292533	CHR6:26292533	SSF x Far_LoA	-10,8849886	0,025	0,302
CHR6	26292576	CHR6:26292576	SSF x Far_LoA	-10,2207069	0,079	0,310
CHR6	26292707	CHR6:26292707	SSF x Far_LoA	-8,8961351	-0,014	0,301
CHR6	26292713	CHR6:26292713	SSF x Far_LoA	-10,795038	-0,071	0,306
CHR6	2629308	CHR6:2629308	SSF x Far_LoA	-8,94226299	-0,095	0,299
CHR6	2629475	CHR6:2629475	SSF x Far_LoA	-8,17186712	0,102	0,314
CHR6	26319333	CHR6:26319333	SSF x Far_LoA	-8,94305525	0,073	0,305
CHR6	26319338	CHR6:26319338	SSF x Far_LoA	-11,7195448	-0,037	0,314
CHR6	2631943	CHR6:2631943	SSF x Far_LoA	-8,23609857	-0,085	0,305
CHR6	2632036	CHR6:2632036	SSF x Far_LoA	-9,96467537	-0,119	0,295
CHR6	2632147	CHR6:2632147	SSF x Far_LoA	-4,88588853	0,231	0,290
CHR6	2632185	CHR6:2632185	SSF x Far_LoA	-5,67335753	-0,214	0,296
CHR6	26327494	CHR6:26327494	SSF x Far_LoA	-9,6220367	-0,047	0,297
CHR6	26327501	CHR6:26327501	SSF x Far_LoA	-8,50731972	0,062	0,292
CHR6	26328436	CHR6:26328436	SSF x Far_LoA	-7,54124918	-0,188	0,302
CHR6	26328540	CHR6:26328540	SSF x Far_LoA	-11,0506459	0,103	0,310
CHR6	26328544	CHR6:26328544	SSF x Far_LoA	-9,66571759	0,082	0,296
CHR6	26335635	CHR6:26335635	SSF x Far_LoA	-12,1762826	-0,009	0,306
CHR6	26344913	CHR6:26344913	SSF x Far_LoA	-6,81615849	0,030	0,310
CHR6	26355791	CHR6:26355791	SSF x Far_LoA	-10,7390431	-0,067	0,305
CHR6	26355899	CHR6:26355899	SSF x Far_LoA	-10,5446017	0,039	0,307
CHR6	26355965	CHR6:26355965	SSF x Far_LoA	-10,9394517	0,034	0,311
CHR6	26364286	CHR6:26364286	SSF x Far_LoA	-10,090039	-0,061	0,309
CHR6	26366866	CHR6:26366866	SSF x Far_LoA	-8,93344653	-0,051	0,292
CHR6	26370885	CHR6:26370885	SSF x Far_LoA	-7,4804049	-0,105	0,302
CHR6	26370889	CHR6:26370889	SSF x Far_LoA	-6,7431728	-0,073	0,310
CHR6	2637532	CHR6:2637532	SSF x Far_LoA	-8,54382261	0,057	0,303
CHR6	2637569	CHR6:2637569	SSF x Far_LoA	-6,68320054	-0,031	0,317
CHR6	2637597	CHR6:2637597	SSF x Far_LoA	-9,51689408	0,033	0,307
CHR6	2637610	CHR6:2637610	SSF x Far_LoA	-8,13682671	0,000	0,329
CHR6	2637615	CHR6:2637615	SSF x Far_LoA	-7,81541662	-0,026	0,294
CHR6	2637655	CHR6:2637655	SSF x Far_LoA	-10,7780138	-0,094	0,295
CHR6	2637656	CHR6:2637656	SSF x Far_LoA	-10,5631582	-0,083	0,302

CHR6	2637703	CHR6:2637703	SSF x Far_LoA	-8,46213873	0,044	0,295
CHR6	26377207	CHR6:26377207	SSF x Far_LoA	-9,45453057	0,033	0,293
CHR6	26377215	CHR6:26377215	SSF x Far_LoA	-6,51025554	-0,047	0,306
CHR6	26377282	CHR6:26377282	SSF x Far_LoA	-7,33297943	0,150	0,304
CHR6	26377301	CHR6:26377301	SSF x Far_LoA	-10,3364272	0,073	0,316
CHR6	26377341	CHR6:26377341	SSF x Far_LoA	-10,2053418	0,130	0,310
CHR6	26388553	CHR6:26388553	SSF x Far_LoA	-10,5721848	0,116	0,302
CHR6	26388654	CHR6:26388654	SSF x Far_LoA	-10,7411396	-0,087	0,304
CHR6	2639226	CHR6:2639226	SSF x Far_LoA	-5,74899091	-0,001	0,309
CHR6	26393193	CHR6:26393193	SSF x Far_LoA	-11,3541985	-0,010	0,308
CHR6	26393292	CHR6:26393292	SSF x Far_LoA	-6,94100039	-0,043	0,313
CHR6	26393338	CHR6:26393338	SSF x Far_LoA	-8,2778816	0,023	0,321
CHR6	26393381	CHR6:26393381	SSF x Far_LoA	-11,5029696	0,076	0,295
CHR6	2639342	CHR6:2639342	SSF x Far_LoA	-6,34034682	-0,036	0,313
CHR6	2639358	CHR6:2639358	SSF x Far_LoA	-9,44763017	-0,028	0,324
CHR6	26399742	CHR6:26399742	SSF x Far_LoA	-7,47497243	-0,131	0,303
CHR6	26399795	CHR6:26399795	SSF x Far_LoA	0,10586499	-0,169	0,314
CHR6	26399813	CHR6:26399813	SSF x Far_LoA	-10,8054567	-0,100	0,302
CHR6	26407821	CHR6:26407821	SSF x Far_LoA	-11,7571685	0,041	0,302
CHR6	26407946	CHR6:26407946	SSF x Far_LoA	-7,51523679	0,192	0,293
CHR6	26416492	CHR6:26416492	SSF x Far_LoA	-8,92702664	0,063	0,314
CHR6	26416714	CHR6:26416714	SSF x Far_LoA	-9,88145308	0,032	0,317
CHR6	26416732	CHR6:26416732	SSF x Far_LoA	-4,60366465	-0,098	0,296
CHR6	26416740	CHR6:26416740	SSF x Far_LoA	1,31194654	-0,047	0,317
CHR6	26417807	CHR6:26417807	SSF x Far_LoA	-11,7103563	-0,020	0,306
CHR6	26422806	CHR6:26422806	SSF x Far_LoA	-10,2262771	-0,049	0,310
CHR6	26422814	CHR6:26422814	SSF x Far_LoA	-8,97203599	-0,095	0,329
CHR6	26422822	CHR6:26422822	SSF x Far_LoA	-8,74021227	-0,109	0,314
CHR6	26427172	CHR6:26427172	SSF x Far_LoA	-7,29139626	-0,064	0,302
CHR6	26436467	CHR6:26436467	SSF x Far_LoA	-11,6867005	0,011	0,308
CHR6	26436476	CHR6:26436476	SSF x Far_LoA	-10,0239022	-0,106	0,301
CHR6	26436554	CHR6:26436554	SSF x Far_LoA	-10,3111056	0,111	0,311
CHR6	26439670	CHR6:26439670	SSF x Far_LoA	4,0920657	-0,059	0,301
CHR6	26447239	CHR6:26447239	SSF x Far_LoA	-7,48646997	-0,148	0,310
CHR6	26450457	CHR6:26450457	SSF x Far_LoA	-10,470595	0,128	0,294
CHR6	26450467	CHR6:26450467	SSF x Far_LoA	-8,8936129	0,010	0,303
CHR6	26450469	CHR6:26450469	SSF x Far_LoA	-7,79141787	0,111	0,309
CHR6	26454225	CHR6:26454225	SSF x Far_LoA	-9,05521955	0,082	0,306
CHR6	26454366	CHR6:26454366	SSF x Far_LoA	-9,19900223	-0,025	0,302
CHR6	26459862	CHR6:26459862	SSF x Far_LoA	-10,27573	0,025	0,317
CHR6	26460175	CHR6:26460175	SSF x Far_LoA	-10,5543703	-0,009	0,297
CHR6	2646238	CHR6:2646238	SSF x Far_LoA	-8,18342425	-0,020	0,304
CHR6	2646403	CHR6:2646403	SSF x Far_LoA	-10,1751251	-0,035	0,318
CHR6	26464646	CHR6:26464646	SSF x Far_LoA	-7,68092897	0,173	0,295
CHR6	26464671	CHR6:26464671	SSF x Far_LoA	-10,3902591	-0,091	0,314
CHR6	26464676	CHR6:26464676	SSF x Far_LoA	-6,49069372	0,159	0,305
CHR6	26472207	CHR6:26472207	SSF x Far_LoA	-7,01377589	-0,107	0,309
CHR6	26472306	CHR6:26472306	SSF x Far_LoA	-6,68136951	-0,201	0,300
CHR6	26472345	CHR6:26472345	SSF x Far_LoA	-7,82694325	0,169	0,301
CHR6	26486214	CHR6:26486214	SSF x Far_LoA	-5,90397276	-0,109	0,306
CHR6	26486217	CHR6:26486217	SSF x Far_LoA	-8,65815679	0,115	0,305
CHR6	26486322	CHR6:26486322	SSF x Far_LoA	-9,30398112	0,131	0,312
CHR6	26486330	CHR6:26486330	SSF x Far_LoA	-11,5897045	0,010	0,310

CHR6	26486384	CHR6:26486384	SSF x Far_LoA	-9,86211588	-0,030	0,321
CHR6	26486497	CHR6:26486497	SSF x Far_LoA	-4,48041891	0,205	0,291
CHR6	26490587	CHR6:26490587	SSF x Far_LoA	-7,07336572	-0,111	0,301
CHR6	26491829	CHR6:26491829	SSF x Far_LoA	-12,0678055	-0,043	0,314
CHR6	26491882	CHR6:26491882	SSF x Far_LoA	-10,0924804	0,072	0,296
CHR6	26491941	CHR6:26491941	SSF x Far_LoA	-10,132103	0,067	0,301
CHR6	26501399	CHR6:26501399	SSF x Far_LoA	-7,55478014	-0,069	0,305
CHR6	26519584	CHR6:26519584	SSF x Far_LoA	-10,1182508	0,019	0,312
CHR6	26519688	CHR6:26519688	SSF x Far_LoA	-9,03595717	0,040	0,312
CHR6	26519828	CHR6:26519828	SSF x Far_LoA	-9,92958811	-0,070	0,306
CHR6	26524165	CHR6:26524165	SSF x Far_LoA	-11,3802111	0,078	0,307
CHR6	26524191	CHR6:26524191	SSF x Far_LoA	-8,25377608	0,143	0,295
CHR6	26524209	CHR6:26524209	SSF x Far_LoA	-8,99969681	-0,042	0,307
CHR6	26524212	CHR6:26524212	SSF x Far_LoA	-9,06714651	-0,047	0,322
CHR6	26524235	CHR6:26524235	SSF x Far_LoA	-9,35204979	-0,088	0,313
CHR6	26534321	CHR6:26534321	SSF x Far_LoA	-10,1398678	0,004	0,300
CHR6	26534338	CHR6:26534338	SSF x Far_LoA	-7,73281255	0,009	0,308
CHR6	26535679	CHR6:26535679	SSF x Far_LoA	-10,4453563	-0,158	0,299
CHR6	26545485	CHR6:26545485	SSF x Far_LoA	-9,54584378	-0,124	0,299
CHR6	26560401	CHR6:26560401	SSF x Far_LoA	-8,05333627	-0,027	0,319
CHR6	26560408	CHR6:26560408	SSF x Far_LoA	-10,4107769	-0,045	0,292
CHR6	26560410	CHR6:26560410	SSF x Far_LoA	-7,52661306	0,040	0,306
CHR6	26560459	CHR6:26560459	SSF x Far_LoA	-5,35305668	0,093	0,306
CHR6	26560472	CHR6:26560472	SSF x Far_LoA	-9,26787362	0,086	0,309
CHR6	26560488	CHR6:26560488	SSF x Far_LoA	-10,5564029	0,067	0,304
CHR6	26560499	CHR6:26560499	SSF x Far_LoA	-8,76803063	0,033	0,307
CHR6	26560527	CHR6:26560527	SSF x Far_LoA	-8,24134072	0,062	0,316
CHR6	26561991	CHR6:26561991	SSF x Far_LoA	-9,88095903	0,034	0,305
CHR6	26562014	CHR6:26562014	SSF x Far_LoA	-7,95631304	-0,109	0,284
CHR6	26562024	CHR6:26562024	SSF x Far_LoA	-11,4700798	0,002	0,300
CHR6	26568147	CHR6:26568147	SSF x Far_LoA	-10,0656635	-0,022	0,309
CHR6	26576776	CHR6:26576776	SSF x Far_LoA	-8,50654172	0,001	0,305
CHR6	26576843	CHR6:26576843	SSF x Far_LoA	-9,14696864	-0,017	0,316
CHR6	26583063	CHR6:26583063	SSF x Far_LoA	-7,2224983	-0,120	0,308
CHR6	26583150	CHR6:26583150	SSF x Far_LoA	-11,8514805	-0,026	0,302
CHR6	26583284	CHR6:26583284	SSF x Far_LoA	-9,27934922	0,088	0,306
CHR6	26583286	CHR6:26583286	SSF x Far_LoA	-9,321662	0,064	0,303
CHR6	26583308	CHR6:26583308	SSF x Far_LoA	-9,07890565	0,006	0,309
CHR6	26595366	CHR6:26595366	SSF x Far_LoA	-10,9125383	0,017	0,322
CHR6	26595388	CHR6:26595388	SSF x Far_LoA	-10,331474	0,004	0,302
CHR6	26595392	CHR6:26595392	SSF x Far_LoA	9,72700676	0,039	0,313
CHR6	26595772	CHR6:26595772	SSF x Far_LoA	-11,2760333	-0,025	0,307
CHR6	26595836	CHR6:26595836	SSF x Far_LoA	-8,17001387	-0,070	0,311
CHR6	26595846	CHR6:26595846	SSF x Far_LoA	-9,43385552	0,049	0,300
CHR6	26596523	CHR6:26596523	SSF x Far_LoA	-8,76731622	-0,134	0,303
CHR6	26596545	CHR6:26596545	SSF x Far_LoA	-11,0473929	0,090	0,310
CHR6	26596546	CHR6:26596546	SSF x Far_LoA	-9,50562236	-0,084	0,301
CHR6	26596591	CHR6:26596591	SSF x Far_LoA	-10,3623448	-0,024	0,303
CHR6	26596612	CHR6:26596612	SSF x Far_LoA	-9,69951546	0,000	0,317
CHR6	26600287	CHR6:26600287	SSF x Far_LoA	-6,90176805	0,179	0,301
CHR6	26600370	CHR6:26600370	SSF x Far_LoA	-6,06150583	-0,191	0,304
CHR6	26600444	CHR6:26600444	SSF x Far_LoA	-7,89626712	-0,173	0,296
CHR6	26607329	CHR6:26607329	SSF x Far_LoA	-7,71681598	0,100	0,300

CHR6	26607337	CHR6:26607337	SSF x Far_LoA	-11,2968792	-0,051	0,322
CHR6	26607409	CHR6:26607409	SSF x Far_LoA	-9,39831792	0,091	0,282
CHR6	26619122	CHR6:26619122	SSF x Far_LoA	-9,86626163	-0,045	0,299
CHR6	26620147	CHR6:26620147	SSF x Far_LoA	-8,59936755	0,060	0,306
CHR6	26620178	CHR6:26620178	SSF x Far_LoA	-10,0933846	-0,035	0,323
CHR6	26620226	CHR6:26620226	SSF x Far_LoA	-8,13465234	-0,138	0,307
CHR6	26620324	CHR6:26620324	SSF x Far_LoA	-11,0049489	0,061	0,305
CHR6	26624168	CHR6:26624168	SSF x Far_LoA	-10,7366948	0,053	0,309
CHR6	26624185	CHR6:26624185	SSF x Far_LoA	-9,72925695	0,017	0,295
CHR6	26624272	CHR6:26624272	SSF x Far_LoA	-11,6151693	-0,093	0,303
CHR6	26624388	CHR6:26624388	SSF x Far_LoA	-9,85198435	0,041	0,302
CHR6	26624450	CHR6:26624450	SSF x Far_LoA	-11,1364829	0,006	0,301
CHR6	26629619	CHR6:26629619	SSF x Far_LoA	-6,94728798	0,132	0,312
CHR6	26629718	CHR6:26629718	SSF x Far_LoA	-10,7501269	-0,059	0,309
CHR6	26630948	CHR6:26630948	SSF x Far_LoA	-9,24673601	-0,043	0,303
CHR6	26630966	CHR6:26630966	SSF x Far_LoA	-7,91312836	0,092	0,312
CHR6	26631004	CHR6:26631004	SSF x Far_LoA	-9,17876739	-0,061	0,308
CHR6	26631017	CHR6:26631017	SSF x Far_LoA	-9,22713856	0,032	0,300
CHR6	26635212	CHR6:26635212	SSF x Far_LoA	-11,2785159	-0,001	0,312
CHR6	26635217	CHR6:26635217	SSF x Far_LoA	-10,3844367	-0,066	0,304
CHR6	26636042	CHR6:26636042	SSF x Far_LoA	-6,66824668	-0,119	0,308
CHR6	26636043	CHR6:26636043	SSF x Far_LoA	-10,9576163	0,066	0,305
CHR6	26636144	CHR6:26636144	SSF x Far_LoA	-11,1279076	-0,126	0,287
CHR6	26636191	CHR6:26636191	SSF x Far_LoA	-8,54332081	-0,181	0,275
CHR6	26645463	CHR6:26645463	SSF x Far_LoA	-9,88412347	-0,018	0,314
CHR6	26645470	CHR6:26645470	SSF x Far_LoA	-8,90680126	-0,102	0,302
CHR6	26645500	CHR6:26645500	SSF x Far_LoA	-10,5628534	-0,035	0,302
CHR6	26645532	CHR6:26645532	SSF x Far_LoA	-10,6402929	-0,078	0,300
CHR6	26645547	CHR6:26645547	SSF x Far_LoA	-6,13615936	-0,080	0,308
CHR6	26645675	CHR6:26645675	SSF x Far_LoA	-9,36216127	0,008	0,308
CHR6	26647528	CHR6:26647528	SSF x Far_LoA	-11,2071563	0,028	0,309
CHR6	2665709	CHR6:2665709	SSF x Far_LoA	-11,1718178	0,042	0,302
CHR6	2665737	CHR6:2665737	SSF x Far_LoA	-6,63563643	0,202	0,285
CHR6	2665761	CHR6:2665761	SSF x Far_LoA	-8,09968536	0,156	0,294
CHR6	2665766	CHR6:2665766	SSF x Far_LoA	-10,524156	0,079	0,296
CHR6	26659838	CHR6:26659838	SSF x Far_LoA	-8,62781189	-0,083	0,314
CHR6	26659910	CHR6:26659910	SSF x Far_LoA	-8,3151104	-0,001	0,316
CHR6	26660076	CHR6:26660076	SSF x Far_LoA	-9,50645306	0,052	0,300
CHR6	26663542	CHR6:26663542	SSF x Far_LoA	-9,45781757	-0,087	0,294
CHR6	26673172	CHR6:26673172	SSF x Far_LoA	-12,4777606	0,045	0,307
CHR6	26682082	CHR6:26682082	SSF x Far_LoA	-6,91341573	-0,007	0,325
CHR6	26694766	CHR6:26694766	SSF x Far_LoA	-8,67362482	0,116	0,310
CHR6	26694773	CHR6:26694773	SSF x Far_LoA	-9,26828876	-0,067	0,296
CHR6	26694802	CHR6:26694802	SSF x Far_LoA	-9,89192489	0,021	0,299
CHR6	26694857	CHR6:26694857	SSF x Far_LoA	-9,44151351	-0,022	0,289
CHR6	26698237	CHR6:26698237	SSF x Far_LoA	-6,9321592	-0,101	0,319
CHR6	26698365	CHR6:26698365	SSF x Far_LoA	-10,5738669	-0,032	0,293
CHR6	26701849	CHR6:26701849	SSF x Far_LoA	-10,8215356	-0,092	0,304
CHR6	26709824	CHR6:26709824	SSF x Far_LoA	-8,06530009	-0,001	0,306
CHR6	26710016	CHR6:26710016	SSF x Far_LoA	-10,7360838	-0,064	0,313
CHR6	26716303	CHR6:26716303	SSF x Far_LoA	-9,51570685	0,065	0,305
CHR6	26716433	CHR6:26716433	SSF x Far_LoA	-9,1112333	-0,103	0,303
CHR6	26716459	CHR6:26716459	SSF x Far_LoA	-9,28502524	-0,087	0,313

CHR6	26716493	CHR6:26716493	SSF x Far_LoA	-9,64828372	-0,077	0,306
CHR6	2671707	CHR6:2671707	SSF x Far_LoA	-10,0034193	-0,056	0,313
CHR6	2671708	CHR6:2671708	SSF x Far_LoA	-2,62563857	-0,077	0,320
CHR6	2671716	CHR6:2671716	SSF x Far_LoA	-9,84014963	-0,080	0,310
CHR6	2671755	CHR6:2671755	SSF x Far_LoA	-8,82787116	0,160	0,308
CHR6	2671760	CHR6:2671760	SSF x Far_LoA	-10,5979074	0,029	0,301
CHR6	26721569	CHR6:26721569	SSF x Far_LoA	-11,064759	0,071	0,308
CHR6	26746017	CHR6:26746017	SSF x Far_LoA	-10,4950301	0,019	0,308
CHR6	26746077	CHR6:26746077	SSF x Far_LoA	-10,1684826	-0,071	0,318
CHR6	26746148	CHR6:26746148	SSF x Far_LoA	-10,6752647	0,037	0,293
CHR6	26746177	CHR6:26746177	SSF x Far_LoA	-9,39068709	-0,025	0,318
CHR6	26746217	CHR6:26746217	SSF x Far_LoA	-11,2588347	0,071	0,308
CHR6	26754309	CHR6:26754309	SSF x Far_LoA	-8,99150994	-0,137	0,294
CHR6	26756132	CHR6:26756132	SSF x Far_LoA	-5,02543695	-0,106	0,309
CHR6	26757261	CHR6:26757261	SSF x Far_LoA	-10,9663773	0,021	0,311
CHR6	26757288	CHR6:26757288	SSF x Far_LoA	-9,71324084	0,011	0,318
CHR6	26757343	CHR6:26757343	SSF x Far_LoA	-9,2919962	0,028	0,311
CHR6	26757344	CHR6:26757344	SSF x Far_LoA	2,02536771	-0,125	0,309
CHR6	26757427	CHR6:26757427	SSF x Far_LoA	-7,41818637	0,196	0,278
CHR6	26757480	CHR6:26757480	SSF x Far_LoA	-11,5705982	0,025	0,314
CHR6	2675987	CHR6:2675987	SSF x Far_LoA	-8,3093212	0,107	0,303
CHR6	2676014	CHR6:2676014	SSF x Far_LoA	-6,46184113	0,186	0,289
CHR6	26762828	CHR6:26762828	SSF x Far_LoA	-10,6580058	-0,049	0,304
CHR6	26762877	CHR6:26762877	SSF x Far_LoA	-9,99253268	-0,061	0,307
CHR6	26763017	CHR6:26763017	SSF x Far_LoA	-11,6922128	0,036	0,301
CHR6	26763025	CHR6:26763025	SSF x Far_LoA	-10,4873358	0,095	0,305
CHR6	26765825	CHR6:26765825	SSF x Far_LoA	-9,47169345	-0,048	0,307
CHR6	26765827	CHR6:26765827	SSF x Far_LoA	-9,31805163	-0,005	0,305
CHR6	26765872	CHR6:26765872	SSF x Far_LoA	-10,2617072	0,002	0,306
CHR6	26767595	CHR6:26767595	SSF x Far_LoA	-7,97880307	-0,011	0,319
CHR6	26767642	CHR6:26767642	SSF x Far_LoA	-8,52915907	0,114	0,300
CHR6	26767767	CHR6:26767767	SSF x Far_LoA	-11,6859869	-0,048	0,303
CHR6	26769286	CHR6:26769286	SSF x Far_LoA	-9,56202462	-0,040	0,302
CHR6	26769474	CHR6:26769474	SSF x Far_LoA	-9,64261372	-0,110	0,295
CHR6	26769475	CHR6:26769475	SSF x Far_LoA	-7,86255258	-0,110	0,293
CHR6	26769491	CHR6:26769491	SSF x Far_LoA	-11,4972251	0,068	0,311
CHR6	26782185	CHR6:26782185	SSF x Far_LoA	-4,03477314	0,096	0,310
CHR6	26782328	CHR6:26782328	SSF x Far_LoA	-8,59200624	-0,066	0,323
CHR6	26782389	CHR6:26782389	SSF x Far_LoA	-11,676601	0,027	0,300
CHR6	26782396	CHR6:26782396	SSF x Far_LoA	-11,0886368	0,020	0,315
CHR6	26788287	CHR6:26788287	SSF x Far_LoA	-1,49815234	0,137	0,303
CHR6	2679231	CHR6:2679231	SSF x Far_LoA	-10,3424712	-0,096	0,304
CHR6	2679243	CHR6:2679243	SSF x Far_LoA	-10,0062476	0,035	0,304
CHR6	2679273	CHR6:2679273	SSF x Far_LoA	-8,16972984	0,147	0,296
CHR6	2679280	CHR6:2679280	SSF x Far_LoA	-7,15189871	0,133	0,307
CHR6	2679294	CHR6:2679294	SSF x Far_LoA	-8,45499298	-0,035	0,314
CHR6	2679359	CHR6:2679359	SSF x Far_LoA	-11,260594	-0,013	0,308
CHR6	2679416	CHR6:2679416	SSF x Far_LoA	-11,2121964	0,155	0,297
CHR6	26794803	CHR6:26794803	SSF x Far_LoA	-9,88615523	-0,020	0,310
CHR6	26795316	CHR6:26795316	SSF x Far_LoA	-12,0155647	-0,010	0,306
CHR6	26797771	CHR6:26797771	SSF x Far_LoA	-12,2346277	0,013	0,304
CHR6	26801700	CHR6:26801700	SSF x Far_LoA	-11,2978612	0,130	0,305
CHR6	26806264	CHR6:26806264	SSF x Far_LoA	-9,50042536	0,079	0,298

CHR6	26806372	CHR6:26806372	SSF x Far_LoA	-10,0341845	-0,079	0,310
CHR6	26806419	CHR6:26806419	SSF x Far_LoA	-11,2792568	0,079	0,313
CHR6	26807449	CHR6:26807449	SSF x Far_LoA	-9,93854722	-0,042	0,312
CHR6	26810318	CHR6:26810318	SSF x Far_LoA	-8,03775606	0,113	0,298
CHR6	26810349	CHR6:26810349	SSF x Far_LoA	-8,60175872	0,019	0,291
CHR6	26810363	CHR6:26810363	SSF x Far_LoA	-9,13869459	0,011	0,304
CHR6	26814141	CHR6:26814141	SSF x Far_LoA	-9,28334955	0,111	0,313
CHR6	26814372	CHR6:26814372	SSF x Far_LoA	-9,58730017	0,013	0,319
CHR6	26836632	CHR6:26836632	SSF x Far_LoA	-8,48379536	-0,044	0,312
CHR6	26836682	CHR6:26836682	SSF x Far_LoA	-2,84894437	0,144	0,307
CHR6	26840180	CHR6:26840180	SSF x Far_LoA	-9,06717719	0,046	0,310
CHR6	26850116	CHR6:26850116	SSF x Far_LoA	-11,5378903	0,063	0,309
CHR6	26850138	CHR6:26850138	SSF x Far_LoA	-11,1844019	-0,103	0,295
CHR6	26854284	CHR6:26854284	SSF x Far_LoA	-9,27268874	-0,066	0,309
CHR6	26854330	CHR6:26854330	SSF x Far_LoA	-6,72727628	0,050	0,313
CHR6	26854348	CHR6:26854348	SSF x Far_LoA	-9,31070273	-0,090	0,300
CHR6	26854376	CHR6:26854376	SSF x Far_LoA	-8,47510268	-0,069	0,302
CHR6	26854391	CHR6:26854391	SSF x Far_LoA	-8,17130331	-0,035	0,299
CHR6	26854409	CHR6:26854409	SSF x Far_LoA	-7,80052266	-0,110	0,305
CHR6	26854419	CHR6:26854419	SSF x Far_LoA	-8,74663768	-0,015	0,309
CHR6	26854455	CHR6:26854455	SSF x Far_LoA	-8,23408483	-0,053	0,298
CHR6	26854472	CHR6:26854472	SSF x Far_LoA	-9,45013665	0,017	0,295
CHR6	26861716	CHR6:26861716	SSF x Far_LoA	-8,00180529	-0,058	0,317
CHR6	26865213	CHR6:26865213	SSF x Far_LoA	-6,57946503	0,131	0,293
CHR6	26865237	CHR6:26865237	SSF x Far_LoA	-10,8909791	-0,044	0,303
CHR6	26865252	CHR6:26865252	SSF x Far_LoA	-10,7104716	0,030	0,310
CHR6	26865286	CHR6:26865286	SSF x Far_LoA	-11,6922303	-0,024	0,309
CHR6	26865320	CHR6:26865320	SSF x Far_LoA	-10,1811076	0,013	0,306
CHR6	2687277	CHR6:2687277	SSF x Far_LoA	-7,90262962	0,091	0,293
CHR6	2687375	CHR6:2687375	SSF x Far_LoA	-11,7389859	-0,058	0,309
CHR6	26876558	CHR6:26876558	SSF x Far_LoA	-9,2834578	0,026	0,304
CHR6	26876613	CHR6:26876613	SSF x Far_LoA	-11,3216805	-0,021	0,302
CHR6	26876623	CHR6:26876623	SSF x Far_LoA	-9,21050334	-0,058	0,293
CHR6	26876632	CHR6:26876632	SSF x Far_LoA	-9,64339894	0,114	0,321
CHR6	26880028	CHR6:26880028	SSF x Far_LoA	-10,1973032	-0,126	0,283
CHR6	26885363	CHR6:26885363	SSF x Far_LoA	-11,2394622	0,029	0,301
CHR6	26885423	CHR6:26885423	SSF x Far_LoA	-5,54472013	0,019	0,327
CHR6	26885471	CHR6:26885471	SSF x Far_LoA	-9,65643365	-0,006	0,309
CHR6	26885486	CHR6:26885486	SSF x Far_LoA	-4,5636187	0,074	0,307
CHR6	26885495	CHR6:26885495	SSF x Far_LoA	-7,06569602	0,010	0,318
CHR6	26885528	CHR6:26885528	SSF x Far_LoA	-12,090808	-0,006	0,303
CHR6	26890748	CHR6:26890748	SSF x Far_LoA	-10,3548065	0,065	0,301
CHR6	26890790	CHR6:26890790	SSF x Far_LoA	-10,5982856	0,104	0,302
CHR6	26890866	CHR6:26890866	SSF x Far_LoA	-10,2173012	0,012	0,311
CHR6	26890978	CHR6:26890978	SSF x Far_LoA	-9,06041085	-0,087	0,306
CHR6	26890991	CHR6:26890991	SSF x Far_LoA	-9,99458321	0,019	0,305
CHR6	26906828	CHR6:26906828	SSF x Far_LoA	-10,210239	-0,077	0,313
CHR6	26906913	CHR6:26906913	SSF x Far_LoA	-7,93713152	-0,132	0,287
CHR6	26906945	CHR6:26906945	SSF x Far_LoA	-6,83926368	0,088	0,300
CHR6	26926129	CHR6:26926129	SSF x Far_LoA	-9,31668809	-0,041	0,301
CHR6	26928111	CHR6:26928111	SSF x Far_LoA	-9,59656808	0,014	0,318
CHR6	26930068	CHR6:26930068	SSF x Far_LoA	-8,7766148	0,041	0,296
CHR6	26930156	CHR6:26930156	SSF x Far_LoA	-9,88909467	-0,043	0,309

CHR6	26930269	CHR6:26930269	SSF x Far_LoA	-11,3749785	-0,019	0,309
CHR6	26930282	CHR6:26930282	SSF x Far_LoA	-7,20047128	0,013	0,314
CHR6	26930323	CHR6:26930323	SSF x Far_LoA	-12,0453765	0,011	0,299
CHR6	26934738	CHR6:26934738	SSF x Far_LoA	-6,86294051	-0,149	0,302
CHR6	26939775	CHR6:26939775	SSF x Far_LoA	-11,9631852	-0,017	0,310
CHR6	26939862	CHR6:26939862	SSF x Far_LoA	-7,11075477	-0,161	0,315
CHR6	26945191	CHR6:26945191	SSF x Far_LoA	-8,616583	0,126	0,309
CHR6	26945279	CHR6:26945279	SSF x Far_LoA	-10,844362	-0,051	0,317
CHR6	26956414	CHR6:26956414	SSF x Far_LoA	-11,3597391	0,093	0,312
CHR6	2695991	CHR6:2695991	SSF x Far_LoA	-9,57517889	0,029	0,313
CHR6	2696033	CHR6:2696033	SSF x Far_LoA	-9,86436223	-0,027	0,317
CHR6	2696061	CHR6:2696061	SSF x Far_LoA	-7,95866599	-0,014	0,303
CHR6	2696067	CHR6:2696067	SSF x Far_LoA	-10,2106955	-0,127	0,304
CHR6	2696122	CHR6:2696122	SSF x Far_LoA	-2,27075091	-0,058	0,303
CHR6	26961233	CHR6:26961233	SSF x Far_LoA	-9,12106998	0,022	0,307
CHR6	26961271	CHR6:26961271	SSF x Far_LoA	-9,79181791	-0,090	0,298
CHR6	2696134	CHR6:2696134	SSF x Far_LoA	-7,39941198	0,063	0,300
CHR6	2696150	CHR6:2696150	SSF x Far_LoA	-8,39810598	0,025	0,303
CHR6	26967589	CHR6:26967589	SSF x Far_LoA	-6,51177666	-0,066	0,328
CHR6	26967596	CHR6:26967596	SSF x Far_LoA	-7,04095408	-0,028	0,303
CHR6	26967597	CHR6:26967597	SSF x Far_LoA	-10,2642973	-0,097	0,311
CHR6	26967694	CHR6:26967694	SSF x Far_LoA	-9,73796935	0,114	0,305
CHR6	26967696	CHR6:26967696	SSF x Far_LoA	-8,75974998	-0,099	0,313
CHR6	26979495	CHR6:26979495	SSF x Far_LoA	-7,76470999	0,073	0,311
CHR6	26983044	CHR6:26983044	SSF x Far_LoA	-8,91516978	0,046	0,296
CHR6	26985484	CHR6:26985484	SSF x Far_LoA	-9,0841674	0,074	0,313
CHR6	26985508	CHR6:26985508	SSF x Far_LoA	-10,0569112	-0,024	0,309
CHR6	26985529	CHR6:26985529	SSF x Far_LoA	-10,300524	-0,031	0,307
CHR6	26985566	CHR6:26985566	SSF x Far_LoA	-11,1764214	-0,028	0,322
CHR6	26985593	CHR6:26985593	SSF x Far_LoA	-9,00714075	-0,104	0,307
CHR6	26985609	CHR6:26985609	SSF x Far_LoA	-8,7865194	-0,086	0,311
CHR6	26985619	CHR6:26985619	SSF x Far_LoA	-9,8020845	0,068	0,296
CHR6	26985639	CHR6:26985639	SSF x Far_LoA	-11,2431436	0,031	0,306
CHR6	26985640	CHR6:26985640	SSF x Far_LoA	-11,3982201	0,016	0,317
CHR6	26985667	CHR6:26985667	SSF x Far_LoA	-9,81733089	0,016	0,314
CHR6	26991638	CHR6:26991638	SSF x Far_LoA	-8,70783917	0,004	0,321
CHR6	26991731	CHR6:26991731	SSF x Far_LoA	-11,6158098	-0,050	0,298
CHR6	2699211	CHR6:2699211	SSF x Far_LoA	-9,32626378	-0,076	0,304
CHR6	2699382	CHR6:2699382	SSF x Far_LoA	-10,5748212	0,023	0,307
CHR6	2699425	CHR6:2699425	SSF x Far_LoA	-5,52296582	-0,039	0,302
CHR6	26995034	CHR6:26995034	SSF x Far_LoA	-8,53595211	0,046	0,321
CHR6	26995200	CHR6:26995200	SSF x Far_LoA	-11,1819282	-0,039	0,295
CHR6	26995275	CHR6:26995275	SSF x Far_LoA	-4,48438818	-0,045	0,298
CHR6	27000028	CHR6:27000028	SSF x Far_LoA	-8,35376104	-0,085	0,307
CHR6	27000039	CHR6:27000039	SSF x Far_LoA	-9,71869831	-0,078	0,317
CHR6	27000332	CHR6:27000332	SSF x Far_LoA	-10,5053526	-0,039	0,324
CHR6	27002907	CHR6:27002907	SSF x Far_LoA	-10,8465442	0,037	0,291
CHR6	2700571	CHR6:2700571	SSF x Far_LoA	-10,0594318	-0,098	0,312
CHR6	27020669	CHR6:27020669	SSF x Far_LoA	-9,53584575	-0,062	0,320
CHR6	27022863	CHR6:27022863	SSF x Far_LoA	-11,0111756	0,066	0,294
CHR6	27022937	CHR6:27022937	SSF x Far_LoA	-7,78126556	0,048	0,295
CHR6	27037220	CHR6:27037220	SSF x Far_LoA	-8,05120654	0,071	0,309
CHR6	27037343	CHR6:27037343	SSF x Far_LoA	-1,88344211	-0,039	0,318

CHR6	27037461	CHR6:27037461	SSF x Far_LoA	-10,6607535	-0,060	0,297
CHR6	27039773	CHR6:27039773	SSF x Far_LoA	-8,7773791	0,076	0,298
CHR6	27051728	CHR6:27051728	SSF x Far_LoA	-8,89705773	-0,093	0,314
CHR6	27051929	CHR6:27051929	SSF x Far_LoA	-7,04737413	0,123	0,314
CHR6	27051975	CHR6:27051975	SSF x Far_LoA	-8,08676242	-0,001	0,297
CHR6	27064044	CHR6:27064044	SSF x Far_LoA	-9,08243022	0,106	0,292
CHR6	27064125	CHR6:27064125	SSF x Far_LoA	-8,63508548	-0,017	0,316
CHR6	27064534	CHR6:27064534	SSF x Far_LoA	-9,66052797	0,004	0,302
CHR6	27064541	CHR6:27064541	SSF x Far_LoA	-7,24374698	0,125	0,311
CHR6	27064702	CHR6:27064702	SSF x Far_LoA	-7,46821694	-0,101	0,296
CHR6	27079602	CHR6:27079602	SSF x Far_LoA	-11,8608995	0,016	0,315
CHR6	27079687	CHR6:27079687	SSF x Far_LoA	-8,4211538	-0,004	0,322
CHR6	27079714	CHR6:27079714	SSF x Far_LoA	-7,95645358	0,005	0,293
CHR6	27084061	CHR6:27084061	SSF x Far_LoA	-8,96287169	-0,103	0,306
CHR6	27084132	CHR6:27084132	SSF x Far_LoA	-10,3571136	0,062	0,305
CHR6	27084206	CHR6:27084206	SSF x Far_LoA	-10,6418315	0,059	0,305
CHR6	27098710	CHR6:27098710	SSF x Far_LoA	-10,4178813	0,105	0,303
CHR6	27098947	CHR6:27098947	SSF x Far_LoA	-8,52295453	0,169	0,297
CHR6	27098984	CHR6:27098984	SSF x Far_LoA	-4,02868731	-0,039	0,304
CHR6	27110795	CHR6:27110795	SSF x Far_LoA	-11,0345808	-0,034	0,301
CHR6	27112547	CHR6:27112547	SSF x Far_LoA	-12,0504599	0,028	0,302
CHR6	27112583	CHR6:27112583	SSF x Far_LoA	-9,06710173	-0,061	0,306
CHR6	27112599	CHR6:27112599	SSF x Far_LoA	-7,50908289	0,039	0,305
CHR6	27117579	CHR6:27117579	SSF x Far_LoA	-11,013962	-0,038	0,319
CHR6	27120961	CHR6:27120961	SSF x Far_LoA	-11,1080729	-0,043	0,316
CHR6	27125612	CHR6:27125612	SSF x Far_LoA	-8,66729145	0,129	0,302
CHR6	27125760	CHR6:27125760	SSF x Far_LoA	-10,1717551	0,013	0,302
CHR6	27133574	CHR6:27133574	SSF x Far_LoA	-8,02679216	-0,105	0,293
CHR6	27133594	CHR6:27133594	SSF x Far_LoA	-7,78322054	-0,149	0,301
CHR6	27133603	CHR6:27133603	SSF x Far_LoA	-8,69239037	-0,104	0,303
CHR6	27135604	CHR6:27135604	SSF x Far_LoA	-3,4116729	0,245	0,287
CHR6	27136535	CHR6:27136535	SSF x Far_LoA	-6,5993834	0,207	0,300
CHR6	27136582	CHR6:27136582	SSF x Far_LoA	-11,5329649	0,000	0,290
CHR6	27141870	CHR6:27141870	SSF x Far_LoA	-8,2186573	-0,071	0,297
CHR6	2714308	CHR6:2714308	SSF x Far_LoA	-10,8006424	0,110	0,303
CHR6	27143294	CHR6:27143294	SSF x Far_LoA	-10,3866531	0,015	0,304
CHR6	27143296	CHR6:27143296	SSF x Far_LoA	-10,4207231	0,017	0,314
CHR6	2714371	CHR6:2714371	SSF x Far_LoA	-11,7961685	0,080	0,286
CHR6	27154157	CHR6:27154157	SSF x Far_LoA	-10,595238	-0,029	0,289
CHR6	27154350	CHR6:27154350	SSF x Far_LoA	-7,85014191	0,031	0,307
CHR6	27154405	CHR6:27154405	SSF x Far_LoA	-10,1050037	-0,012	0,312
CHR6	27154415	CHR6:27154415	SSF x Far_LoA	-9,21443878	0,057	0,301
CHR6	27168254	CHR6:27168254	SSF x Far_LoA	-11,8945257	0,005	0,307
CHR6	27184852	CHR6:27184852	SSF x Far_LoA	-9,47185435	-0,092	0,298
CHR6	27186175	CHR6:27186175	SSF x Far_LoA	-10,7190661	-0,048	0,295
CHR6	27186500	CHR6:27186500	SSF x Far_LoA	-8,59552949	0,003	0,307
CHR6	27186514	CHR6:27186514	SSF x Far_LoA	-8,61055176	0,110	0,279
CHR6	27189921	CHR6:27189921	SSF x Far_LoA	-6,84719949	0,122	0,314
CHR6	27194239	CHR6:27194239	SSF x Far_LoA	-10,3936601	-0,102	0,298
CHR6	27194241	CHR6:27194241	SSF x Far_LoA	-7,68702451	0,061	0,331
CHR6	27194242	CHR6:27194242	SSF x Far_LoA	-5,96296206	0,134	0,309
CHR6	27194248	CHR6:27194248	SSF x Far_LoA	-10,0946887	0,088	0,302
CHR6	27194308	CHR6:27194308	SSF x Far_LoA	-10,7477625	0,086	0,300

CHR6	27199344	CHR6:27199344	SSF x Far_LoA	-9,2464301	0,064	0,311
CHR6	27199459	CHR6:27199459	SSF x Far_LoA	-4,73280149	0,097	0,288
CHR6	27199485	CHR6:27199485	SSF x Far_LoA	-9,25039225	-0,002	0,288
CHR6	27202518	CHR6:27202518	SSF x Far_LoA	-9,09877615	0,012	0,299
CHR6	27202701	CHR6:27202701	SSF x Far_LoA	-11,2075077	0,018	0,294
CHR6	27204724	CHR6:27204724	SSF x Far_LoA	-9,26547518	0,033	0,305
CHR6	27204730	CHR6:27204730	SSF x Far_LoA	-9,3900715	0,041	0,314
CHR6	27204753	CHR6:27204753	SSF x Far_LoA	-10,9149697	-0,073	0,297
CHR6	27213584	CHR6:27213584	SSF x Far_LoA	-10,8633656	-0,040	0,310
CHR6	27217059	CHR6:27217059	SSF x Far_LoA	-8,73655874	0,094	0,310
CHR6	27217106	CHR6:27217106	SSF x Far_LoA	-10,2191911	-0,037	0,322
CHR6	27219113	CHR6:27219113	SSF x Far_LoA	-8,32639028	0,089	0,315
CHR6	27222295	CHR6:27222295	SSF x Far_LoA	-9,42409255	0,057	0,312
CHR6	27230436	CHR6:27230436	SSF x Far_LoA	-10,8221641	0,037	0,316
CHR6	27230479	CHR6:27230479	SSF x Far_LoA	-10,1638778	0,006	0,319
CHR6	27230496	CHR6:27230496	SSF x Far_LoA	-10,1513728	0,026	0,289
CHR6	27230540	CHR6:27230540	SSF x Far_LoA	-10,1889549	-0,013	0,303
CHR6	27230541	CHR6:27230541	SSF x Far_LoA	-8,08690524	-0,036	0,302
CHR6	27237921	CHR6:27237921	SSF x Far_LoA	-7,94025963	0,125	0,316
CHR6	27237942	CHR6:27237942	SSF x Far_LoA	-10,3151174	-0,047	0,310
CHR6	27241869	CHR6:27241869	SSF x Far_LoA	-9,62206254	0,176	0,285
CHR6	27251385	CHR6:27251385	SSF x Far_LoA	-8,82678683	0,104	0,294
CHR6	27251432	CHR6:27251432	SSF x Far_LoA	-10,0539435	0,065	0,306
CHR6	27251586	CHR6:27251586	SSF x Far_LoA	-9,05966107	-0,063	0,306
CHR6	27252496	CHR6:27252496	SSF x Far_LoA	-7,3534865	0,004	0,323
CHR6	27256463	CHR6:27256463	SSF x Far_LoA	-9,14215809	0,044	0,297
CHR6	27256528	CHR6:27256528	SSF x Far_LoA	-8,56173972	-0,010	0,309
CHR6	27256708	CHR6:27256708	SSF x Far_LoA	-4,37264421	-0,089	0,307
CHR6	27256717	CHR6:27256717	SSF x Far_LoA	-9,85158067	-0,044	0,311
CHR6	27259267	CHR6:27259267	SSF x Far_LoA	-11,3989068	0,029	0,313
CHR6	27259386	CHR6:27259386	SSF x Far_LoA	-8,92180538	0,017	0,308
CHR6	27259403	CHR6:27259403	SSF x Far_LoA	-6,46853836	0,079	0,306
CHR6	27259408	CHR6:27259408	SSF x Far_LoA	-10,6329323	-0,024	0,309
CHR6	27259460	CHR6:27259460	SSF x Far_LoA	-9,0454115	-0,055	0,315
CHR6	27264234	CHR6:27264234	SSF x Far_LoA	-7,91425648	-0,211	0,305
CHR6	27269548	CHR6:27269548	SSF x Far_LoA	-7,8797086	0,093	0,298
CHR6	27269555	CHR6:27269555	SSF x Far_LoA	-8,54158846	0,079	0,311
CHR6	27269558	CHR6:27269558	SSF x Far_LoA	-9,79933081	0,153	0,297
CHR6	27284150	CHR6:27284150	SSF x Far_LoA	-10,3748467	-0,109	0,305
CHR6	27287632	CHR6:27287632	SSF x Far_LoA	-7,19963651	0,051	0,297
CHR6	27287644	CHR6:27287644	SSF x Far_LoA	-10,3541655	-0,021	0,310
CHR6	27287647	CHR6:27287647	SSF x Far_LoA	-7,63590259	0,084	0,296
CHR6	27290906	CHR6:27290906	SSF x Far_LoA	-8,54197554	0,130	0,302
CHR6	27291015	CHR6:27291015	SSF x Far_LoA	-9,50917217	-0,009	0,302
CHR6	27293450	CHR6:27293450	SSF x Far_LoA	-7,91656469	0,115	0,310
CHR6	27304287	CHR6:27304287	SSF x Far_LoA	-8,16223148	-0,155	0,297
CHR6	27318584	CHR6:27318584	SSF x Far_LoA	-10,5124587	0,085	0,313
CHR6	27318603	CHR6:27318603	SSF x Far_LoA	-8,4833045	-0,107	0,299
CHR6	27318652	CHR6:27318652	SSF x Far_LoA	-9,7907569	-0,031	0,318
CHR6	27318658	CHR6:27318658	SSF x Far_LoA	-10,5503666	0,040	0,308
CHR6	27318670	CHR6:27318670	SSF x Far_LoA	-5,36823376	0,011	0,305
CHR6	27326257	CHR6:27326257	SSF x Far_LoA	-7,45096178	0,125	0,295
CHR6	27346571	CHR6:27346571	SSF x Far_LoA	-9,46584581	-0,055	0,313

CHR6	27346697	CHR6:27346697	SSF x Far_LoA	-10,4191797	-0,059	0,308
CHR6	27346734	CHR6:27346734	SSF x Far_LoA	-7,42648818	0,083	0,298
CHR6	27346736	CHR6:27346736	SSF x Far_LoA	-11,4461858	0,036	0,295
CHR6	27347679	CHR6:27347679	SSF x Far_LoA	-11,6403174	0,002	0,312
CHR6	27347680	CHR6:27347680	SSF x Far_LoA	-7,02357156	-0,217	0,307
CHR6	27347739	CHR6:27347739	SSF x Far_LoA	-9,15066833	0,016	0,306
CHR6	27347741	CHR6:27347741	SSF x Far_LoA	-8,75571399	-0,011	0,305
CHR6	27350497	CHR6:27350497	SSF x Far_LoA	-4,7289939	0,138	0,301
CHR6	27350501	CHR6:27350501	SSF x Far_LoA	-8,98674191	-0,103	0,298
CHR6	27350544	CHR6:27350544	SSF x Far_LoA	-10,9698792	0,066	0,293
CHR6	27350548	CHR6:27350548	SSF x Far_LoA	-12,5159907	0,010	0,299
CHR6	27352234	CHR6:27352234	SSF x Far_LoA	-11,1908335	0,035	0,296
CHR6	27354545	CHR6:27354545	SSF x Far_LoA	-5,14843927	0,138	0,292
CHR6	27354614	CHR6:27354614	SSF x Far_LoA	-10,6415885	0,007	0,301
CHR6	27354665	CHR6:27354665	SSF x Far_LoA	-11,8866342	0,047	0,297
CHR6	27372549	CHR6:27372549	SSF x Far_LoA	-10,1352677	0,003	0,305
CHR6	27374300	CHR6:27374300	SSF x Far_LoA	-8,51577264	0,055	0,314
CHR6	27374316	CHR6:27374316	SSF x Far_LoA	-9,18138446	0,057	0,304
CHR6	27374323	CHR6:27374323	SSF x Far_LoA	-9,46441956	0,011	0,315
CHR6	2737793	CHR6:2737793	SSF x Far_LoA	-6,87947092	0,003	0,304
CHR6	27378240	CHR6:27378240	SSF x Far_LoA	-10,3789982	-0,017	0,303
CHR6	27378391	CHR6:27378391	SSF x Far_LoA	-10,9857732	0,109	0,289
CHR6	27378422	CHR6:27378422	SSF x Far_LoA	-9,92368558	-0,014	0,321
CHR6	27378452	CHR6:27378452	SSF x Far_LoA	-8,96927208	-0,069	0,324
CHR6	27378472	CHR6:27378472	SSF x Far_LoA	-8,71154749	-0,090	0,324
CHR6	2737908	CHR6:2737908	SSF x Far_LoA	-9,80773556	0,080	0,292
CHR6	27383321	CHR6:27383321	SSF x Far_LoA	-9,94194634	0,115	0,299
CHR6	27383332	CHR6:27383332	SSF x Far_LoA	-11,6289315	-0,025	0,311
CHR6	27383476	CHR6:27383476	SSF x Far_LoA	-10,9054923	0,035	0,306
CHR6	27383477	CHR6:27383477	SSF x Far_LoA	-9,93252348	-0,076	0,298
CHR6	27388131	CHR6:27388131	SSF x Far_LoA	-11,4789889	-0,107	0,303
CHR6	27388239	CHR6:27388239	SSF x Far_LoA	-8,69763367	-0,008	0,314
CHR6	27388352	CHR6:27388352	SSF x Far_LoA	-11,3174366	0,022	0,308
CHR6	27388359	CHR6:27388359	SSF x Far_LoA	-10,5366065	0,069	0,294
CHR6	27396899	CHR6:27396899	SSF x Far_LoA	-5,56567136	0,160	0,305
CHR6	27399896	CHR6:27399896	SSF x Far_LoA	-7,88461726	-0,140	0,318
CHR6	27399984	CHR6:27399984	SSF x Far_LoA	-11,1141598	0,054	0,308
CHR6	27414542	CHR6:27414542	SSF x Far_LoA	-8,74156894	0,089	0,305
CHR6	27431699	CHR6:27431699	SSF x Far_LoA	-11,7293889	-0,009	0,306
CHR6	27431738	CHR6:27431738	SSF x Far_LoA	-11,3357061	-0,016	0,309
CHR6	27431785	CHR6:27431785	SSF x Far_LoA	-8,99033443	0,054	0,300
CHR6	27431875	CHR6:27431875	SSF x Far_LoA	-11,0449425	0,004	0,306
CHR6	27440366	CHR6:27440366	SSF x Far_LoA	-10,9727644	-0,017	0,305
CHR6	27440402	CHR6:27440402	SSF x Far_LoA	-9,05552576	0,055	0,313
CHR6	27444834	CHR6:27444834	SSF x Far_LoA	-11,7133612	0,073	0,300
CHR6	27444836	CHR6:27444836	SSF x Far_LoA	-6,10171629	-0,158	0,308
CHR6	27451189	CHR6:27451189	SSF x Far_LoA	-8,72014844	-0,001	0,312
CHR6	27451237	CHR6:27451237	SSF x Far_LoA	-5,81818724	0,010	0,304
CHR6	27455444	CHR6:27455444	SSF x Far_LoA	-12,0222772	-0,037	0,305
CHR6	27455447	CHR6:27455447	SSF x Far_LoA	-10,8197339	0,125	0,294
CHR6	27455462	CHR6:27455462	SSF x Far_LoA	-11,6138236	0,083	0,308
CHR6	27465346	CHR6:27465346	SSF x Far_LoA	-8,04634917	0,115	0,307
CHR6	27465356	CHR6:27465356	SSF x Far_LoA	-9,82169717	0,023	0,298

CHR6	27465430	CHR6:27465430	SSF x Far_LoA	-9,27479918	-0,114	0,303
CHR6	27465458	CHR6:27465458	SSF x Far_LoA	-10,0490455	0,095	0,289
CHR6	27468569	CHR6:27468569	SSF x Far_LoA	-2,86930026	-0,177	0,307
CHR6	27468593	CHR6:27468593	SSF x Far_LoA	-6,95816702	-0,128	0,305
CHR6	27468715	CHR6:27468715	SSF x Far_LoA	-9,2603385	0,042	0,296
CHR6	27468756	CHR6:27468756	SSF x Far_LoA	-11,0193649	0,000	0,306
CHR6	27473235	CHR6:27473235	SSF x Far_LoA	-10,0411563	-0,097	0,297
CHR6	27485168	CHR6:27485168	SSF x Far_LoA	-8,54301807	0,066	0,285
CHR6	27485180	CHR6:27485180	SSF x Far_LoA	-8,86204381	-0,041	0,312
CHR6	27485228	CHR6:27485228	SSF x Far_LoA	-10,233852	-0,048	0,322
CHR6	27485262	CHR6:27485262	SSF x Far_LoA	-8,153193	0,033	0,306
CHR6	27492217	CHR6:27492217	SSF x Far_LoA	-9,71062881	0,035	0,305
CHR6	27492352	CHR6:27492352	SSF x Far_LoA	-10,6594219	-0,146	0,301
CHR6	27494598	CHR6:27494598	SSF x Far_LoA	-11,5125768	0,117	0,284
CHR6	27506348	CHR6:27506348	SSF x Far_LoA	-10,5569763	-0,075	0,316
CHR6	27507421	CHR6:27507421	SSF x Far_LoA	-2,41154148	0,022	0,306
CHR6	27507428	CHR6:27507428	SSF x Far_LoA	-8,91018669	0,077	0,314
CHR6	2750883	CHR6:2750883	SSF x Far_LoA	-4,49582351	0,198	0,280
CHR6	2750899	CHR6:2750899	SSF x Far_LoA	-8,52666588	-0,075	0,303
CHR6	27511928	CHR6:27511928	SSF x Far_LoA	-8,44388386	0,017	0,323
CHR6	27512226	CHR6:27512226	SSF x Far_LoA	-9,08905655	-0,090	0,301
CHR6	27516662	CHR6:27516662	SSF x Far_LoA	-9,63442957	-0,003	0,301
CHR6	27516782	CHR6:27516782	SSF x Far_LoA	-7,20595428	-0,167	0,296
CHR6	27516808	CHR6:27516808	SSF x Far_LoA	-8,57057347	-0,107	0,301
CHR6	27516844	CHR6:27516844	SSF x Far_LoA	-10,9261809	0,010	0,310
CHR6	27539228	CHR6:27539228	SSF x Far_LoA	-9,18505519	0,058	0,304
CHR6	27539266	CHR6:27539266	SSF x Far_LoA	-8,47757919	0,042	0,305
CHR6	27539387	CHR6:27539387	SSF x Far_LoA	-7,39277879	0,136	0,310
CHR6	27539410	CHR6:27539410	SSF x Far_LoA	-7,4231808	0,061	0,308
CHR6	27546956	CHR6:27546956	SSF x Far_LoA	-9,79963826	-0,055	0,296
CHR6	27547014	CHR6:27547014	SSF x Far_LoA	-8,47719207	-0,073	0,304
CHR6	27549903	CHR6:27549903	SSF x Far_LoA	-6,45524976	-0,048	0,308
CHR6	27549977	CHR6:27549977	SSF x Far_LoA	-8,22371014	-0,081	0,288
CHR6	27549981	CHR6:27549981	SSF x Far_LoA	-11,6346699	-0,027	0,302
CHR6	27549989	CHR6:27549989	SSF x Far_LoA	-12,3851856	-0,025	0,306
CHR6	27553256	CHR6:27553256	SSF x Far_LoA	-10,5128157	0,065	0,312
CHR6	27553327	CHR6:27553327	SSF x Far_LoA	-9,05964147	-0,030	0,314
CHR6	27553443	CHR6:27553443	SSF x Far_LoA	-7,96505076	0,056	0,314
CHR6	27560741	CHR6:27560741	SSF x Far_LoA	-11,0276822	0,048	0,294
CHR6	27560908	CHR6:27560908	SSF x Far_LoA	-10,7873603	-0,108	0,300
CHR6	27566065	CHR6:27566065	SSF x Far_LoA	-10,6139442	-0,038	0,306
CHR6	27566395	CHR6:27566395	SSF x Far_LoA	-9,38626901	-0,149	0,287
CHR6	27570196	CHR6:27570196	SSF x Far_LoA	-9,72892083	-0,067	0,306
CHR6	27570238	CHR6:27570238	SSF x Far_LoA	-6,54216469	0,131	0,305
CHR6	27583525	CHR6:27583525	SSF x Far_LoA	-6,53787117	-0,028	0,315
CHR6	27584166	CHR6:27584166	SSF x Far_LoA	-6,76194781	-0,049	0,309
CHR6	27603332	CHR6:27603332	SSF x Far_LoA	-9,24326154	-0,085	0,306
CHR6	27618721	CHR6:27618721	SSF x Far_LoA	-6,98644964	0,148	0,291
CHR6	2762929	CHR6:2762929	SSF x Far_LoA	-5,93718875	-0,132	0,298
CHR6	2762933	CHR6:2762933	SSF x Far_LoA	-5,7080634	-0,150	0,295
CHR6	27657617	CHR6:27657617	SSF x Far_LoA	-9,43052866	0,044	0,307
CHR6	27657618	CHR6:27657618	SSF x Far_LoA	-8,10597236	0,048	0,305
CHR6	27657697	CHR6:27657697	SSF x Far_LoA	-10,4044226	-0,042	0,300

CHR6	27657711	CHR6:27657711	SSF x Far_LoA	-8,95005283	0,118	0,309
CHR6	27660948	CHR6:27660948	SSF x Far_LoA	-6,96793142	0,023	0,308
CHR6	2766112	CHR6:2766112	SSF x Far_LoA	-9,51660576	-0,137	0,313
CHR6	2766151	CHR6:2766151	SSF x Far_LoA	-8,92251117	0,046	0,306
CHR6	2766289	CHR6:2766289	SSF x Far_LoA	-12,2947813	0,030	0,299
CHR6	27667191	CHR6:27667191	SSF x Far_LoA	-12,2946707	0,060	0,297
CHR6	27675530	CHR6:27675530	SSF x Far_LoA	-9,09952017	-0,078	0,311
CHR6	27675558	CHR6:27675558	SSF x Far_LoA	-9,64072565	-0,007	0,311
CHR6	27680378	CHR6:27680378	SSF x Far_LoA	-7,20685286	0,158	0,307
CHR6	27680403	CHR6:27680403	SSF x Far_LoA	-6,42125764	-0,117	0,296
CHR6	27680437	CHR6:27680437	SSF x Far_LoA	-5,86589271	-0,213	0,285
CHR6	27680439	CHR6:27680439	SSF x Far_LoA	-6,1880812	-0,203	0,293
CHR6	27681796	CHR6:27681796	SSF x Far_LoA	-7,568087	-0,127	0,303
CHR6	27681840	CHR6:27681840	SSF x Far_LoA	-11,2582856	-0,022	0,312
CHR6	27681861	CHR6:27681861	SSF x Far_LoA	-8,27948601	-0,107	0,296
CHR6	27685436	CHR6:27685436	SSF x Far_LoA	-7,61712384	0,115	0,303
CHR6	27685453	CHR6:27685453	SSF x Far_LoA	-10,5696905	0,047	0,290
CHR6	27685471	CHR6:27685471	SSF x Far_LoA	-9,61029573	0,051	0,315
CHR6	27685512	CHR6:27685512	SSF x Far_LoA	-11,3138921	-0,007	0,319
CHR6	27685536	CHR6:27685536	SSF x Far_LoA	-7,72531895	-0,023	0,307
CHR6	27685677	CHR6:27685677	SSF x Far_LoA	-5,6073833	0,201	0,302
CHR6	27706088	CHR6:27706088	SSF x Far_LoA	-9,57721763	-0,028	0,298
CHR6	27706179	CHR6:27706179	SSF x Far_LoA	-2,63927734	-0,147	0,294
CHR6	27706421	CHR6:27706421	SSF x Far_LoA	-11,0255928	-0,003	0,302
CHR6	27710369	CHR6:27710369	SSF x Far_LoA	-8,24597096	-0,145	0,291
CHR6	27710401	CHR6:27710401	SSF x Far_LoA	-10,0018079	-0,028	0,304
CHR6	27710411	CHR6:27710411	SSF x Far_LoA	-9,71564063	-0,034	0,311
CHR6	27723493	CHR6:27723493	SSF x Far_LoA	-8,70695714	0,028	0,310
CHR6	27723544	CHR6:27723544	SSF x Far_LoA	-8,63785656	0,017	0,295
CHR6	27723606	CHR6:27723606	SSF x Far_LoA	-2,12162815	-0,174	0,310
CHR6	27723664	CHR6:27723664	SSF x Far_LoA	-8,75792564	-0,086	0,311
CHR6	27723705	CHR6:27723705	SSF x Far_LoA	-8,25582548	-0,056	0,316
CHR6	27723706	CHR6:27723706	SSF x Far_LoA	-6,46714563	0,015	0,324
CHR6	27726442	CHR6:27726442	SSF x Far_LoA	-11,962814	-0,045	0,302
CHR6	27735067	CHR6:27735067	SSF x Far_LoA	-8,39602326	-0,043	0,304
CHR6	2775263	CHR6:2775263	SSF x Far_LoA	-8,88967472	-0,013	0,313
CHR6	27752689	CHR6:27752689	SSF x Far_LoA	-10,5985057	0,059	0,288
CHR6	2775285	CHR6:2775285	SSF x Far_LoA	-10,7805579	0,002	0,318
CHR6	27754630	CHR6:27754630	SSF x Far_LoA	-9,33468919	-0,029	0,292
CHR6	27765040	CHR6:27765040	SSF x Far_LoA	-7,81843117	0,075	0,309
CHR6	27765099	CHR6:27765099	SSF x Far_LoA	-11,9059207	0,028	0,303
CHR6	27771846	CHR6:27771846	SSF x Far_LoA	-5,84011444	0,140	0,285
CHR6	27771887	CHR6:27771887	SSF x Far_LoA	-11,3989572	-0,068	0,308
CHR6	27771906	CHR6:27771906	SSF x Far_LoA	-11,4447178	0,028	0,296
CHR6	27771946	CHR6:27771946	SSF x Far_LoA	-9,60803274	-0,042	0,305
CHR6	27771947	CHR6:27771947	SSF x Far_LoA	-9,92315105	0,006	0,300
CHR6	27772791	CHR6:27772791	SSF x Far_LoA	-4,79832218	0,222	0,298
CHR6	27772841	CHR6:27772841	SSF x Far_LoA	-9,89178031	-0,111	0,312
CHR6	27772858	CHR6:27772858	SSF x Far_LoA	-10,9964377	-0,009	0,299
CHR6	27773723	CHR6:27773723	SSF x Far_LoA	-8,43270692	0,036	0,301
CHR6	27773984	CHR6:27773984	SSF x Far_LoA	-9,94393073	-0,084	0,318
CHR6	27774029	CHR6:27774029	SSF x Far_LoA	-8,77259336	0,034	0,308
CHR6	2778271	CHR6:2778271	SSF x Far_LoA	-10,9408215	-0,062	0,310

CHR6	2778317	CHR6:2778317	SSF x Far_LoA	-9,45664294	0,039	0,307
CHR6	2778352	CHR6:2778352	SSF x Far_LoA	-10,8841178	0,042	0,307
CHR6	2778372	CHR6:2778372	SSF x Far_LoA	-10,3071228	0,015	0,295
CHR6	27793096	CHR6:27793096	SSF x Far_LoA	-11,1474211	0,015	0,324
CHR6	27793115	CHR6:27793115	SSF x Far_LoA	-9,73515427	0,015	0,297
CHR6	27793144	CHR6:27793144	SSF x Far_LoA	-6,14856502	-0,103	0,321
CHR6	27802647	CHR6:27802647	SSF x Far_LoA	-6,27026887	0,184	0,295
CHR6	27802664	CHR6:27802664	SSF x Far_LoA	-11,5547463	-0,001	0,303
CHR6	27803042	CHR6:27803042	SSF x Far_LoA	-7,7518396	0,015	0,322
CHR6	27803047	CHR6:27803047	SSF x Far_LoA	-8,78482465	0,077	0,306
CHR6	2780764	CHR6:2780764	SSF x Far_LoA	-10,6707676	0,005	0,308
CHR6	2780799	CHR6:2780799	SSF x Far_LoA	-11,1178026	0,006	0,306
CHR6	2780844	CHR6:2780844	SSF x Far_LoA	-11,3688127	-0,066	0,296
CHR6	2780870	CHR6:2780870	SSF x Far_LoA	-10,7141701	-0,006	0,317
CHR6	27810748	CHR6:27810748	SSF x Far_LoA	-1,84689446	-0,101	0,301
CHR6	27810793	CHR6:27810793	SSF x Far_LoA	-9,40235794	0,025	0,304
CHR6	27810818	CHR6:27810818	SSF x Far_LoA	-12,0188992	-0,063	0,308
CHR6	27814192	CHR6:27814192	SSF x Far_LoA	-6,85621705	-0,106	0,303
CHR6	27814316	CHR6:27814316	SSF x Far_LoA	-11,3296211	-0,042	0,296
CHR6	27814340	CHR6:27814340	SSF x Far_LoA	-6,57766257	0,082	0,299
CHR6	27814380	CHR6:27814380	SSF x Far_LoA	-9,90909507	0,017	0,312
CHR6	27816988	CHR6:27816988	SSF x Far_LoA	-10,6949838	0,057	0,321
CHR6	27816991	CHR6:27816991	SSF x Far_LoA	-9,50384678	0,058	0,314
CHR6	27826788	CHR6:27826788	SSF x Far_LoA	-8,0238602	0,004	0,313
CHR6	27826845	CHR6:27826845	SSF x Far_LoA	-2,37397787	-0,208	0,300
CHR6	27829558	CHR6:27829558	SSF x Far_LoA	-7,29173652	0,073	0,311
CHR6	27829670	CHR6:27829670	SSF x Far_LoA	-8,79912998	0,015	0,316
CHR6	27829714	CHR6:27829714	SSF x Far_LoA	-12,2060793	0,089	0,295
CHR6	27829719	CHR6:27829719	SSF x Far_LoA	-7,38922581	0,097	0,306
CHR6	27831697	CHR6:27831697	SSF x Far_LoA	-9,32871155	0,038	0,318
CHR6	27831715	CHR6:27831715	SSF x Far_LoA	-11,7247274	0,040	0,292
CHR6	27831733	CHR6:27831733	SSF x Far_LoA	-10,9242323	0,013	0,293
CHR6	27841893	CHR6:27841893	SSF x Far_LoA	-10,2510628	-0,022	0,311
CHR6	27841967	CHR6:27841967	SSF x Far_LoA	-9,74893008	0,004	0,298
CHR6	27844001	CHR6:27844001	SSF x Far_LoA	-9,15792662	0,143	0,306
CHR6	27844036	CHR6:27844036	SSF x Far_LoA	-9,36898057	0,014	0,307
CHR6	27844106	CHR6:27844106	SSF x Far_LoA	-10,9928594	-0,001	0,305
CHR6	27844215	CHR6:27844215	SSF x Far_LoA	-8,720518	0,165	0,293
CHR6	27846500	CHR6:27846500	SSF x Far_LoA	-8,95353241	-0,030	0,312
CHR6	27846508	CHR6:27846508	SSF x Far_LoA	-11,074773	0,123	0,320
CHR6	27852184	CHR6:27852184	SSF x Far_LoA	-11,9282302	-0,012	0,302
CHR6	27852226	CHR6:27852226	SSF x Far_LoA	-9,29126535	0,099	0,306
CHR6	27852306	CHR6:27852306	SSF x Far_LoA	-10,2975999	0,007	0,312
CHR6	2785765	CHR6:2785765	SSF x Far_LoA	-8,26071417	-0,077	0,318
CHR6	2785953	CHR6:2785953	SSF x Far_LoA	-9,6299732	-0,008	0,298
CHR6	27867998	CHR6:27867998	SSF x Far_LoA	-9,26214331	0,037	0,312
CHR6	27868009	CHR6:27868009	SSF x Far_LoA	-5,80783018	0,118	0,300
CHR6	27868112	CHR6:27868112	SSF x Far_LoA	-8,87030406	-0,116	0,318
CHR6	27872830	CHR6:27872830	SSF x Far_LoA	-9,7437639	-0,025	0,309
CHR6	27872875	CHR6:27872875	SSF x Far_LoA	-9,64019657	0,034	0,313
CHR6	2788205	CHR6:2788205	SSF x Far_LoA	-8,76949842	-0,119	0,297
CHR6	2788276	CHR6:2788276	SSF x Far_LoA	-8,98912552	0,233	0,266
CHR6	2788450	CHR6:2788450	SSF x Far_LoA	-9,88241758	-0,006	0,311

CHR6	27895643	CHR6:27895643	SSF x Far_LoA	-11,1264819	0,100	0,296
CHR6	27895699	CHR6:27895699	SSF x Far_LoA	-10,5142882	-0,079	0,303
CHR6	27895750	CHR6:27895750	SSF x Far_LoA	-11,7014632	0,070	0,306
CHR6	27895825	CHR6:27895825	SSF x Far_LoA	-10,4956673	-0,068	0,309
CHR6	27895901	CHR6:27895901	SSF x Far_LoA	-9,34512077	0,020	0,319
CHR6	27899945	CHR6:27899945	SSF x Far_LoA	-10,4498897	0,156	0,304
CHR6	27899954	CHR6:27899954	SSF x Far_LoA	-10,8212629	0,074	0,296
CHR6	27900016	CHR6:27900016	SSF x Far_LoA	-11,732547	-0,010	0,300
CHR6	27900119	CHR6:27900119	SSF x Far_LoA	-9,45011173	0,018	0,289
CHR6	27913807	CHR6:27913807	SSF x Far_LoA	-9,79725331	0,017	0,303
CHR6	27915241	CHR6:27915241	SSF x Far_LoA	-8,44019373	0,060	0,300
CHR6	27916197	CHR6:27916197	SSF x Far_LoA	-9,91763704	-0,034	0,302
CHR6	27922051	CHR6:27922051	SSF x Far_LoA	-11,6746905	0,039	0,315
CHR6	27922179	CHR6:27922179	SSF x Far_LoA	0,48519101	-0,097	0,319
CHR6	27922194	CHR6:27922194	SSF x Far_LoA	-3,35136837	-0,122	0,301
CHR6	27930272	CHR6:27930272	SSF x Far_LoA	-11,9425553	-0,087	0,300
CHR6	27938956	CHR6:27938956	SSF x Far_LoA	-8,20156996	-0,025	0,292
CHR6	27945904	CHR6:27945904	SSF x Far_LoA	-10,1223182	0,091	0,307
CHR6	27951844	CHR6:27951844	SSF x Far_LoA	-8,67967156	0,065	0,294
CHR6	27951860	CHR6:27951860	SSF x Far_LoA	-8,49342644	-0,079	0,298
CHR6	27951886	CHR6:27951886	SSF x Far_LoA	-7,12708612	-0,041	0,307
CHR6	27965511	CHR6:27965511	SSF x Far_LoA	-8,83855875	-0,140	0,289
CHR6	27975858	CHR6:27975858	SSF x Far_LoA	-11,0368084	-0,042	0,306
CHR6	27980874	CHR6:27980874	SSF x Far_LoA	-8,44754377	-0,144	0,311
CHR6	27980876	CHR6:27980876	SSF x Far_LoA	-10,0252214	0,039	0,323
CHR6	27990082	CHR6:27990082	SSF x Far_LoA	-11,5839252	0,060	0,301
CHR6	27990108	CHR6:27990108	SSF x Far_LoA	-8,93240265	0,033	0,310
CHR6	28003053	CHR6:28003053	SSF x Far_LoA	-2,21569938	-0,156	0,290
CHR6	28009382	CHR6:28009382	SSF x Far_LoA	-8,3865583	0,209	0,277
CHR6	28009383	CHR6:28009383	SSF x Far_LoA	-8,46169426	-0,151	0,283
CHR6	28011908	CHR6:28011908	SSF x Far_LoA	-10,7812498	-0,067	0,312
CHR6	28012025	CHR6:28012025	SSF x Far_LoA	-6,96760067	0,048	0,311
CHR6	28012090	CHR6:28012090	SSF x Far_LoA	-9,43524514	0,030	0,295
CHR6	28019561	CHR6:28019561	SSF x Far_LoA	-10,4597891	0,040	0,303
CHR6	28035431	CHR6:28035431	SSF x Far_LoA	5,37429392	-0,098	0,310
CHR6	28035514	CHR6:28035514	SSF x Far_LoA	-10,1752965	-0,013	0,322
CHR6	28035565	CHR6:28035565	SSF x Far_LoA	-10,549842	0,036	0,325
CHR6	28040815	CHR6:28040815	SSF x Far_LoA	-7,41699779	-0,031	0,319
CHR6	28041535	CHR6:28041535	SSF x Far_LoA	-10,0088119	-0,023	0,313
CHR6	28050440	CHR6:28050440	SSF x Far_LoA	-7,70150547	-0,108	0,301
CHR6	28050459	CHR6:28050459	SSF x Far_LoA	-10,3103444	-0,150	0,307
CHR6	28050555	CHR6:28050555	SSF x Far_LoA	-9,47177238	0,030	0,304
CHR6	28053663	CHR6:28053663	SSF x Far_LoA	-6,8314158	-0,030	0,318
CHR6	28053697	CHR6:28053697	SSF x Far_LoA	-8,65514178	0,045	0,311
CHR6	28061502	CHR6:28061502	SSF x Far_LoA	-7,65628558	0,011	0,309
CHR6	28061505	CHR6:28061505	SSF x Far_LoA	-9,28151592	0,001	0,323
CHR6	28066616	CHR6:28066616	SSF x Far_LoA	-9,9274037	-0,044	0,294
CHR6	28066754	CHR6:28066754	SSF x Far_LoA	-11,3740041	-0,015	0,301
CHR6	28066907	CHR6:28066907	SSF x Far_LoA	-7,51637322	0,115	0,291
CHR6	28077715	CHR6:28077715	SSF x Far_LoA	-7,93913996	0,033	0,311
CHR6	28077750	CHR6:28077750	SSF x Far_LoA	-9,9500083	-0,005	0,310
CHR6	28077842	CHR6:28077842	SSF x Far_LoA	-7,08826445	0,172	0,296
CHR6	28077843	CHR6:28077843	SSF x Far_LoA	-10,7693605	-0,012	0,309

CHR6	28077848	CHR6:28077848	SSF x Far_LoA	-10,7559	-0,042	0,304
CHR6	28083188	CHR6:28083188	SSF x Far_LoA	-8,01101482	0,069	0,299
CHR6	28083198	CHR6:28083198	SSF x Far_LoA	-8,33015916	-0,151	0,304
CHR6	28083201	CHR6:28083201	SSF x Far_LoA	-8,1202795	-0,121	0,290
CHR6	28083254	CHR6:28083254	SSF x Far_LoA	-6,54564371	0,034	0,294
CHR6	28089940	CHR6:28089940	SSF x Far_LoA	-10,9629197	0,035	0,307
CHR6	28089952	CHR6:28089952	SSF x Far_LoA	-9,61450409	0,046	0,313
CHR6	28090073	CHR6:28090073	SSF x Far_LoA	-11,8100304	-0,014	0,308
CHR6	28090087	CHR6:28090087	SSF x Far_LoA	-11,7937567	-0,038	0,311
CHR6	28096606	CHR6:28096606	SSF x Far_LoA	-9,70058673	0,103	0,307
CHR6	28102536	CHR6:28102536	SSF x Far_LoA	-9,31948385	-0,087	0,282
CHR6	28102759	CHR6:28102759	SSF x Far_LoA	-4,11195727	-0,064	0,293
CHR6	28105542	CHR6:28105542	SSF x Far_LoA	-2,82119617	-0,159	0,304
CHR6	2811208	CHR6:2811208	SSF x Far_LoA	-8,96716553	0,008	0,324
CHR6	2811236	CHR6:2811236	SSF x Far_LoA	-6,67249412	0,162	0,293
CHR6	2811249	CHR6:2811249	SSF x Far_LoA	-9,29745322	-0,085	0,307
CHR6	2811299	CHR6:2811299	SSF x Far_LoA	-8,95355574	-0,018	0,317
CHR6	2811366	CHR6:2811366	SSF x Far_LoA	-9,89100028	0,120	0,298
CHR6	2811495	CHR6:2811495	SSF x Far_LoA	-10,4058381	-0,061	0,297
CHR6	28117092	CHR6:28117092	SSF x Far_LoA	-2,62799417	0,160	0,298
CHR6	28131531	CHR6:28131531	SSF x Far_LoA	-8,47056903	0,123	0,300
CHR6	28131688	CHR6:28131688	SSF x Far_LoA	-7,75640174	0,089	0,289
CHR6	28131698	CHR6:28131698	SSF x Far_LoA	-8,6751958	-0,190	0,299
CHR6	28131715	CHR6:28131715	SSF x Far_LoA	-5,76086581	-0,071	0,310
CHR6	28139654	CHR6:28139654	SSF x Far_LoA	-4,56517866	0,085	0,302
CHR6	28150287	CHR6:28150287	SSF x Far_LoA	-9,64468026	-0,039	0,305
CHR6	28150407	CHR6:28150407	SSF x Far_LoA	-7,8879245	-0,016	0,298
CHR6	28150419	CHR6:28150419	SSF x Far_LoA	-8,97671735	0,034	0,301
CHR6	28150509	CHR6:28150509	SSF x Far_LoA	-7,95845895	-0,115	0,307
CHR6	28150550	CHR6:28150550	SSF x Far_LoA	-5,81517618	0,094	0,301
CHR6	28150556	CHR6:28150556	SSF x Far_LoA	-9,95662577	0,070	0,311
CHR6	28157381	CHR6:28157381	SSF x Far_LoA	-8,92116449	0,031	0,309
CHR6	28157475	CHR6:28157475	SSF x Far_LoA	-10,1985395	0,028	0,310
CHR6	28162116	CHR6:28162116	SSF x Far_LoA	-8,52642782	-0,006	0,314
CHR6	28162279	CHR6:28162279	SSF x Far_LoA	-10,8004548	0,089	0,302
CHR6	28163064	CHR6:28163064	SSF x Far_LoA	-9,16484352	-0,058	0,308
CHR6	28165828	CHR6:28165828	SSF x Far_LoA	-9,00948219	-0,001	0,306
CHR6	28165852	CHR6:28165852	SSF x Far_LoA	-7,29388162	-0,067	0,310
CHR6	28165869	CHR6:28165869	SSF x Far_LoA	-10,2690101	0,026	0,312
CHR6	28165884	CHR6:28165884	SSF x Far_LoA	-9,05272389	0,135	0,308
CHR6	28165911	CHR6:28165911	SSF x Far_LoA	-8,86162786	0,022	0,321
CHR6	28165913	CHR6:28165913	SSF x Far_LoA	-7,99400893	0,083	0,302
CHR6	28165985	CHR6:28165985	SSF x Far_LoA	-6,83572191	0,254	0,289
CHR6	28166052	CHR6:28166052	SSF x Far_LoA	-10,3078801	-0,069	0,308
CHR6	28185619	CHR6:28185619	SSF x Far_LoA	-9,55875676	0,102	0,291
CHR6	28189537	CHR6:28189537	SSF x Far_LoA	-8,56171398	-0,076	0,294
CHR6	28189595	CHR6:28189595	SSF x Far_LoA	-9,36466897	-0,006	0,299
CHR6	28189639	CHR6:28189639	SSF x Far_LoA	-9,98261511	0,044	0,300
CHR6	28197312	CHR6:28197312	SSF x Far_LoA	-7,47265557	0,171	0,296
CHR6	28202080	CHR6:28202080	SSF x Far_LoA	-9,7879597	0,064	0,294
CHR6	28202129	CHR6:28202129	SSF x Far_LoA	-10,0236226	0,019	0,306
CHR6	28219995	CHR6:28219995	SSF x Far_LoA	-6,72881622	-0,138	0,299
CHR6	28220033	CHR6:28220033	SSF x Far_LoA	-9,78320638	-0,025	0,306

CHR6	28220133	CHR6:28220133	SSF x Far_LoA	-11,0766364	-0,097	0,305
CHR6	2822276	CHR6:2822276	SSF x Far_LoA	-9,84449508	-0,024	0,311
CHR6	28222768	CHR6:28222768	SSF x Far_LoA	-6,40720756	-0,124	0,303
CHR6	2822302	CHR6:2822302	SSF x Far_LoA	-10,4905893	0,035	0,301
CHR6	2822330	CHR6:2822330	SSF x Far_LoA	-10,4538732	-0,010	0,308
CHR6	2822344	CHR6:2822344	SSF x Far_LoA	-8,37110598	0,027	0,308
CHR6	28229309	CHR6:28229309	SSF x Far_LoA	-8,99461554	-0,050	0,328
CHR6	28229348	CHR6:28229348	SSF x Far_LoA	-10,0927183	-0,068	0,301
CHR6	28229437	CHR6:28229437	SSF x Far_LoA	-9,28301406	0,000	0,301
CHR6	28229447	CHR6:28229447	SSF x Far_LoA	-6,92539632	0,019	0,316
CHR6	28229467	CHR6:28229467	SSF x Far_LoA	-7,88052667	0,044	0,310
CHR6	28229526	CHR6:28229526	SSF x Far_LoA	-8,75727829	-0,069	0,315
CHR6	28229574	CHR6:28229574	SSF x Far_LoA	-6,79995501	-0,059	0,280
CHR6	2823931	CHR6:2823931	SSF x Far_LoA	-8,08827064	-0,076	0,298
CHR6	28244983	CHR6:28244983	SSF x Far_LoA	-10,798514	0,015	0,315
CHR6	28245242	CHR6:28245242	SSF x Far_LoA	-10,287051	0,014	0,311
CHR6	28249891	CHR6:28249891	SSF x Far_LoA	-9,41372875	-0,064	0,297
CHR6	28249920	CHR6:28249920	SSF x Far_LoA	-7,57520101	0,003	0,309
CHR6	28259732	CHR6:28259732	SSF x Far_LoA	-9,60190654	0,044	0,302
CHR6	28259774	CHR6:28259774	SSF x Far_LoA	-7,99850148	0,003	0,316
CHR6	28259782	CHR6:28259782	SSF x Far_LoA	-9,1833748	0,052	0,306
CHR6	2827140	CHR6:2827140	SSF x Far_LoA	-6,00942839	-0,145	0,287
CHR6	28282813	CHR6:28282813	SSF x Far_LoA	-8,25478164	0,023	0,303
CHR6	28282866	CHR6:28282866	SSF x Far_LoA	-10,1746492	0,066	0,293
CHR6	28284173	CHR6:28284173	SSF x Far_LoA	-11,5121752	0,081	0,307
CHR6	28284206	CHR6:28284206	SSF x Far_LoA	-7,77229292	0,106	0,307
CHR6	282845	CHR6:282845	SSF x Far_LoA	-8,95688282	0,105	0,308
CHR6	282974	CHR6:282974	SSF x Far_LoA	-10,8500673	-0,039	0,321
CHR6	28301907	CHR6:28301907	SSF x Far_LoA	-9,2148312	-0,057	0,299
CHR6	28302018	CHR6:28302018	SSF x Far_LoA	-10,7332265	-0,021	0,308
CHR6	28358894	CHR6:28358894	SSF x Far_LoA	-8,5320704	-0,078	0,308
CHR6	28367172	CHR6:28367172	SSF x Far_LoA	-7,76357194	0,008	0,288
CHR6	28367246	CHR6:28367246	SSF x Far_LoA	-7,13336815	-0,005	0,307
CHR6	28367407	CHR6:28367407	SSF x Far_LoA	-10,3685758	0,004	0,315
CHR6	28368558	CHR6:28368558	SSF x Far_LoA	-10,9777908	-0,059	0,290
CHR6	28370333	CHR6:28370333	SSF x Far_LoA	-7,33607424	-0,192	0,300
CHR6	28370336	CHR6:28370336	SSF x Far_LoA	-5,34664769	0,190	0,298
CHR6	28370441	CHR6:28370441	SSF x Far_LoA	-9,94384337	-0,008	0,315
CHR6	28383843	CHR6:28383843	SSF x Far_LoA	-9,30755368	-0,013	0,305
CHR6	28383951	CHR6:28383951	SSF x Far_LoA	-10,9818243	-0,064	0,298
CHR6	28383963	CHR6:28383963	SSF x Far_LoA	-6,17586342	0,056	0,316
CHR6	28383975	CHR6:28383975	SSF x Far_LoA	-10,1470687	0,012	0,310
CHR6	28383992	CHR6:28383992	SSF x Far_LoA	-11,7219609	-0,022	0,309
CHR6	28383995	CHR6:28383995	SSF x Far_LoA	-9,78008552	-0,116	0,302
CHR6	28384037	CHR6:28384037	SSF x Far_LoA	-10,6793704	0,127	0,296
CHR6	28391132	CHR6:28391132	SSF x Far_LoA	-9,0390303	-0,016	0,307
CHR6	28392857	CHR6:28392857	SSF x Far_LoA	-11,7073386	0,020	0,308
CHR6	28392871	CHR6:28392871	SSF x Far_LoA	-8,36786883	0,005	0,315
CHR6	28396659	CHR6:28396659	SSF x Far_LoA	-9,03864263	0,025	0,311
CHR6	28396702	CHR6:28396702	SSF x Far_LoA	-7,88403852	-0,104	0,319
CHR6	28400861	CHR6:28400861	SSF x Far_LoA	-9,86622665	-0,006	0,298
CHR6	28400933	CHR6:28400933	SSF x Far_LoA	-11,0489442	0,056	0,303
CHR6	28400934	CHR6:28400934	SSF x Far_LoA	-11,0615353	0,055	0,287

CHR6	28405116	CHR6:28405116	SSF x Far_LoA	-8,03015939	-0,122	0,304
CHR6	28405177	CHR6:28405177	SSF x Far_LoA	-10,8513182	-0,035	0,299
CHR6	28405781	CHR6:28405781	SSF x Far_LoA	-7,04022728	-0,069	0,319
CHR6	28405810	CHR6:28405810	SSF x Far_LoA	-9,04146192	-0,114	0,304
CHR6	28406074	CHR6:28406074	SSF x Far_LoA	-10,3249289	-0,046	0,287
CHR6	28406175	CHR6:28406175	SSF x Far_LoA	-9,53814471	0,078	0,300
CHR6	28412119	CHR6:28412119	SSF x Far_LoA	-5,81528096	-0,095	0,323
CHR6	28414301	CHR6:28414301	SSF x Far_LoA	-10,4829544	0,039	0,313
CHR6	28414308	CHR6:28414308	SSF x Far_LoA	-12,1035711	-0,020	0,306
CHR6	28414406	CHR6:28414406	SSF x Far_LoA	-9,22418538	-0,064	0,311
CHR6	28414419	CHR6:28414419	SSF x Far_LoA	-9,9804539	0,016	0,294
CHR6	28423212	CHR6:28423212	SSF x Far_LoA	-7,61729309	-0,045	0,313
CHR6	28423262	CHR6:28423262	SSF x Far_LoA	-5,94858403	0,165	0,305
CHR6	28423392	CHR6:28423392	SSF x Far_LoA	-9,76815879	-0,139	0,304
CHR6	28423407	CHR6:28423407	SSF x Far_LoA	-8,88949458	-0,104	0,323
CHR6	28423425	CHR6:28423425	SSF x Far_LoA	-9,13171795	-0,152	0,302
CHR6	28447291	CHR6:28447291	SSF x Far_LoA	-12,3756215	0,048	0,287
CHR6	28447322	CHR6:28447322	SSF x Far_LoA	-6,97456032	-0,061	0,317
CHR6	28447434	CHR6:28447434	SSF x Far_LoA	-9,48487438	-0,022	0,309
CHR6	28447465	CHR6:28447465	SSF x Far_LoA	-4,83405109	0,097	0,301
CHR6	28452009	CHR6:28452009	SSF x Far_LoA	-9,6739738	0,014	0,309
CHR6	28475839	CHR6:28475839	SSF x Far_LoA	-6,29735702	0,108	0,315
CHR6	28481157	CHR6:28481157	SSF x Far_LoA	-8,65124714	-0,084	0,309
CHR6	28481275	CHR6:28481275	SSF x Far_LoA	-9,29125867	0,041	0,314
CHR6	2849744	CHR6:2849744	SSF x Far_LoA	-10,1587998	0,119	0,309
CHR6	2849846	CHR6:2849846	SSF x Far_LoA	-4,40464082	0,167	0,298
CHR6	2849876	CHR6:2849876	SSF x Far_LoA	-7,90804683	0,115	0,304
CHR6	28512788	CHR6:28512788	SSF x Far_LoA	-8,86260473	-0,157	0,312
CHR6	2852251	CHR6:2852251	SSF x Far_LoA	-7,96566979	-0,069	0,310
CHR6	2852286	CHR6:2852286	SSF x Far_LoA	-9,41010498	0,003	0,309
CHR6	2852426	CHR6:2852426	SSF x Far_LoA	-8,57591397	-0,188	0,312
CHR6	28537323	CHR6:28537323	SSF x Far_LoA	-10,4121779	0,035	0,313
CHR6	28537382	CHR6:28537382	SSF x Far_LoA	-7,52749714	0,078	0,302
CHR6	28537442	CHR6:28537442	SSF x Far_LoA	-8,62955899	0,049	0,314
CHR6	28542269	CHR6:28542269	SSF x Far_LoA	-8,27252945	0,050	0,306
CHR6	28546506	CHR6:28546506	SSF x Far_LoA	-10,3457258	0,068	0,295
CHR6	28574383	CHR6:28574383	SSF x Far_LoA	-3,95029032	0,068	0,305
CHR6	28580762	CHR6:28580762	SSF x Far_LoA	-10,6260652	0,051	0,314
CHR6	28584471	CHR6:28584471	SSF x Far_LoA	-9,02132345	0,025	0,306
CHR6	28584621	CHR6:28584621	SSF x Far_LoA	-11,3518143	0,009	0,300
CHR6	28584639	CHR6:28584639	SSF x Far_LoA	-5,46329349	0,026	0,307
CHR6	28587560	CHR6:28587560	SSF x Far_LoA	-11,9128022	-0,091	0,318
CHR6	28587574	CHR6:28587574	SSF x Far_LoA	-8,76528984	-0,178	0,312
CHR6	28589999	CHR6:28589999	SSF x Far_LoA	-10,3536439	-0,018	0,308
CHR6	28590066	CHR6:28590066	SSF x Far_LoA	-8,26570209	0,119	0,304
CHR6	2859309	CHR6:2859309	SSF x Far_LoA	-8,88098971	0,123	0,311
CHR6	28609255	CHR6:28609255	SSF x Far_LoA	-6,20564308	-0,141	0,313
CHR6	28611134	CHR6:28611134	SSF x Far_LoA	-11,7790642	0,043	0,302
CHR6	28614963	CHR6:28614963	SSF x Far_LoA	-8,36934392	-0,153	0,301
CHR6	28615098	CHR6:28615098	SSF x Far_LoA	-6,69163986	-0,102	0,291
CHR6	28615153	CHR6:28615153	SSF x Far_LoA	-9,21142311	-0,111	0,308
CHR6	28619556	CHR6:28619556	SSF x Far_LoA	-7,82349845	0,054	0,316
CHR6	28619803	CHR6:28619803	SSF x Far_LoA	-10,0421347	-0,024	0,316

CHR6	28641340	CHR6:28641340	SSF x Far_LoA	-10,4258941	0,063	0,315
CHR6	28668580	CHR6:28668580	SSF x Far_LoA	-8,04978122	0,135	0,314
CHR6	28676741	CHR6:28676741	SSF x Far_LoA	-8,6261191	0,031	0,310
CHR6	28676768	CHR6:28676768	SSF x Far_LoA	-10,9279777	0,078	0,305
CHR6	28702394	CHR6:28702394	SSF x Far_LoA	-9,86417442	0,058	0,319
CHR6	28705172	CHR6:28705172	SSF x Far_LoA	-7,27345594	-0,061	0,324
CHR6	28706933	CHR6:28706933	SSF x Far_LoA	-7,88947084	-0,195	0,311
CHR6	28709114	CHR6:28709114	SSF x Far_LoA	-10,6807358	0,025	0,300
CHR6	28719001	CHR6:28719001	SSF x Far_LoA	-9,73808966	-0,022	0,298
CHR6	2872672	CHR6:2872672	SSF x Far_LoA	-4,48454423	0,170	0,305
CHR6	28735770	CHR6:28735770	SSF x Far_LoA	-12,0233793	-0,034	0,303
CHR6	2875275	CHR6:2875275	SSF x Far_LoA	-5,70737876	-0,114	0,282
CHR6	2875276	CHR6:2875276	SSF x Far_LoA	-8,37047947	-0,081	0,297
CHR6	28775660	CHR6:28775660	SSF x Far_LoA	-9,96848591	0,075	0,308
CHR6	28775905	CHR6:28775905	SSF x Far_LoA	-9,06129347	-0,006	0,326
CHR6	28801170	CHR6:28801170	SSF x Far_LoA	-7,11027484	0,129	0,303
CHR6	28801191	CHR6:28801191	SSF x Far_LoA	-9,45123886	-0,117	0,303
CHR6	28808647	CHR6:28808647	SSF x Far_LoA	-7,2648146	-0,176	0,295
CHR6	28827606	CHR6:28827606	SSF x Far_LoA	-5,65479138	0,083	0,308
CHR6	28827723	CHR6:28827723	SSF x Far_LoA	-8,07204723	0,024	0,297
CHR6	28869645	CHR6:28869645	SSF x Far_LoA	-11,7150046	-0,008	0,314
CHR6	28902345	CHR6:28902345	SSF x Far_LoA	-10,3902481	-0,131	0,306
CHR6	28902429	CHR6:28902429	SSF x Far_LoA	-6,76592122	-0,136	0,324
CHR6	289075	CHR6:289075	SSF x Far_LoA	-8,87370268	-0,091	0,309
CHR6	289083	CHR6:289083	SSF x Far_LoA	-7,80120006	-0,077	0,301
CHR6	289128	CHR6:289128	SSF x Far_LoA	-8,03230154	-0,086	0,296
CHR6	28924164	CHR6:28924164	SSF x Far_LoA	-10,5059863	0,031	0,307
CHR6	28932804	CHR6:28932804	SSF x Far_LoA	-10,7128708	-0,010	0,310
CHR6	2899192	CHR6:2899192	SSF x Far_LoA	-10,5236487	0,047	0,304
CHR6	2906345	CHR6:2906345	SSF x Far_LoA	-7,22263825	0,175	0,294
CHR6	2910809	CHR6:2910809	SSF x Far_LoA	-2,10964826	-0,050	0,309
CHR6	2914815	CHR6:2914815	SSF x Far_LoA	-6,36130021	0,100	0,303
CHR6	2936259	CHR6:2936259	SSF x Far_LoA	-11,3945005	0,033	0,309
CHR6	2967088	CHR6:2967088	SSF x Far_LoA	-11,7970788	0,027	0,295
CHR6	2967141	CHR6:2967141	SSF x Far_LoA	-11,719067	0,055	0,303
CHR6	2967174	CHR6:2967174	SSF x Far_LoA	-5,17850753	-0,201	0,291
CHR6	2967178	CHR6:2967178	SSF x Far_LoA	-9,59769146	-0,044	0,306
CHR6	2967208	CHR6:2967208	SSF x Far_LoA	-9,79218122	-0,003	0,306
CHR6	2967212	CHR6:2967212	SSF x Far_LoA	-9,04065838	0,039	0,302
CHR6	2967213	CHR6:2967213	SSF x Far_LoA	-9,55116272	-0,013	0,299
CHR6	2970009	CHR6:2970009	SSF x Far_LoA	-8,97827827	0,013	0,311
CHR6	3002963	CHR6:3002963	SSF x Far_LoA	-9,1708697	0,058	0,308
CHR6	3003033	CHR6:3003033	SSF x Far_LoA	-10,4226698	0,060	0,307
CHR6	3003034	CHR6:3003034	SSF x Far_LoA	-6,71069111	0,052	0,299
CHR6	3003040	CHR6:3003040	SSF x Far_LoA	-10,0149665	0,058	0,303
CHR6	3003084	CHR6:3003084	SSF x Far_LoA	-11,5272105	-0,045	0,295
CHR6	3003100	CHR6:3003100	SSF x Far_LoA	-8,85723701	0,152	0,301
CHR6	3003108	CHR6:3003108	SSF x Far_LoA	-9,40796291	-0,092	0,296
CHR6	3003118	CHR6:3003118	SSF x Far_LoA	3,48362066	0,199	0,304
CHR6	3003120	CHR6:3003120	SSF x Far_LoA	-9,57131944	-0,066	0,298
CHR6	3023636	CHR6:3023636	SSF x Far_LoA	-8,40491234	-0,083	0,316
CHR6	3026782	CHR6:3026782	SSF x Far_LoA	-10,5273189	0,025	0,311
CHR6	3026929	CHR6:3026929	SSF x Far_LoA	-7,99628216	0,063	0,306

CHR6	3026932	CHR6:3026932	SSF x Far_LoA	0,12975776	0,068	0,299
CHR6	3026946	CHR6:3026946	SSF x Far_LoA	-9,44565294	0,007	0,309
CHR6	3027008	CHR6:3027008	SSF x Far_LoA	-10,1865371	0,016	0,313
CHR6	3044704	CHR6:3044704	SSF x Far_LoA	-9,92932028	0,109	0,296
CHR6	3044907	CHR6:3044907	SSF x Far_LoA	-9,00324865	-0,029	0,302
CHR6	3065886	CHR6:3065886	SSF x Far_LoA	-10,5262449	0,008	0,310
CHR6	3065945	CHR6:3065945	SSF x Far_LoA	-11,2659846	0,059	0,313
CHR6	3066140	CHR6:3066140	SSF x Far_LoA	-11,0045601	-0,081	0,309
CHR6	3066145	CHR6:3066145	SSF x Far_LoA	-10,6521115	-0,106	0,322
CHR6	3067732	CHR6:3067732	SSF x Far_LoA	-7,72668196	0,115	0,316
CHR6	3067760	CHR6:3067760	SSF x Far_LoA	-8,94648519	-0,041	0,303
CHR6	3067810	CHR6:3067810	SSF x Far_LoA	-10,0509774	0,080	0,313
CHR6	3067817	CHR6:3067817	SSF x Far_LoA	-9,14370466	-0,139	0,312
CHR6	3067843	CHR6:3067843	SSF x Far_LoA	-8,46829455	-0,116	0,317
CHR6	3067854	CHR6:3067854	SSF x Far_LoA	-6,34199759	0,086	0,304
CHR6	3067877	CHR6:3067877	SSF x Far_LoA	-3,9743545	-0,135	0,308
CHR6	3067885	CHR6:3067885	SSF x Far_LoA	-8,91435387	0,066	0,310
CHR6	3067904	CHR6:3067904	SSF x Far_LoA	-9,86264357	0,031	0,299
CHR6	3067907	CHR6:3067907	SSF x Far_LoA	-5,07605259	0,027	0,314
CHR6	3073853	CHR6:3073853	SSF x Far_LoA	-9,44297128	0,067	0,316
CHR6	3080746	CHR6:3080746	SSF x Far_LoA	-7,0975284	0,109	0,289
CHR6	3085957	CHR6:3085957	SSF x Far_LoA	-9,90512273	-0,009	0,302
CHR6	3086053	CHR6:3086053	SSF x Far_LoA	-9,40878203	0,025	0,311
CHR6	3086141	CHR6:3086141	SSF x Far_LoA	-11,0092399	0,017	0,307
CHR6	3086182	CHR6:3086182	SSF x Far_LoA	-7,28594579	0,191	0,295
CHR6	3086194	CHR6:3086194	SSF x Far_LoA	-8,90331713	-0,012	0,294
CHR6	3089582	CHR6:3089582	SSF x Far_LoA	-9,34466031	-0,030	0,295
CHR6	3098258	CHR6:3098258	SSF x Far_LoA	-11,1374297	-0,038	0,319
CHR6	3110559	CHR6:3110559	SSF x Far_LoA	-11,5366638	-0,056	0,316
CHR6	3110580	CHR6:3110580	SSF x Far_LoA	-7,04094668	-0,167	0,293
CHR6	3110581	CHR6:3110581	SSF x Far_LoA	-6,90718907	-0,175	0,287
CHR6	3110611	CHR6:3110611	SSF x Far_LoA	-10,9993705	-0,070	0,310
CHR6	3110765	CHR6:3110765	SSF x Far_LoA	-5,07492224	-0,044	0,319
CHR6	3110809	CHR6:3110809	SSF x Far_LoA	-7,38359884	-0,142	0,312
CHR6	3110810	CHR6:3110810	SSF x Far_LoA	-3,11114835	-0,118	0,316
CHR6	3110817	CHR6:3110817	SSF x Far_LoA	-9,29912586	-0,095	0,300
CHR6	3110888	CHR6:3110888	SSF x Far_LoA	-11,2708839	-0,049	0,296
CHR6	3110921	CHR6:3110921	SSF x Far_LoA	-5,95519653	0,155	0,311
CHR6	3110947	CHR6:3110947	SSF x Far_LoA	-8,00161809	-0,127	0,308
CHR6	3110967	CHR6:3110967	SSF x Far_LoA	-4,74206865	0,208	0,289
CHR6	312175	CHR6:312175	SSF x Far_LoA	-10,4543981	-0,101	0,299
CHR6	312383	CHR6:312383	SSF x Far_LoA	-8,13963887	-0,026	0,305
CHR6	312392	CHR6:312392	SSF x Far_LoA	-9,5700504	0,004	0,325
CHR6	312469	CHR6:312469	SSF x Far_LoA	-7,42674788	-0,022	0,309
CHR6	3125672	CHR6:3125672	SSF x Far_LoA	-10,6863542	-0,108	0,315
CHR6	3125676	CHR6:3125676	SSF x Far_LoA	-10,5200174	0,082	0,309
CHR6	3125696	CHR6:3125696	SSF x Far_LoA	-8,28930953	-0,033	0,319
CHR6	3125737	CHR6:3125737	SSF x Far_LoA	-6,11421242	0,196	0,280
CHR6	3125778	CHR6:3125778	SSF x Far_LoA	-11,5910941	-0,015	0,304
CHR6	3128482	CHR6:3128482	SSF x Far_LoA	0,26011946	0,002	0,313
CHR6	3128924	CHR6:3128924	SSF x Far_LoA	-9,3105932	0,004	0,308
CHR6	3128959	CHR6:3128959	SSF x Far_LoA	-9,54651772	-0,044	0,306
CHR6	3128986	CHR6:3128986	SSF x Far_LoA	-5,65084715	0,021	0,308

CHR6	3148062	CHR6:3148062	SSF x Far_LoA	-11,2300419	-0,073	0,313
CHR6	3148125	CHR6:3148125	SSF x Far_LoA	-10,2482719	0,088	0,305
CHR6	3149211	CHR6:3149211	SSF x Far_LoA	-9,06822599	0,111	0,300
CHR6	3149213	CHR6:3149213	SSF x Far_LoA	-7,64106698	0,048	0,323
CHR6	3149245	CHR6:3149245	SSF x Far_LoA	-10,6131738	-0,053	0,305
CHR6	3158351	CHR6:3158351	SSF x Far_LoA	-6,7647412	0,106	0,318
CHR6	3158358	CHR6:3158358	SSF x Far_LoA	-10,9740259	-0,007	0,311
CHR6	3158433	CHR6:3158433	SSF x Far_LoA	-9,77514619	0,033	0,307
CHR6	3160722	CHR6:3160722	SSF x Far_LoA	-10,1744536	-0,084	0,304
CHR6	3160783	CHR6:3160783	SSF x Far_LoA	-9,18517358	0,010	0,311
CHR6	3160786	CHR6:3160786	SSF x Far_LoA	-9,78761478	-0,062	0,307
CHR6	3163831	CHR6:3163831	SSF x Far_LoA	-9,82343238	-0,077	0,309
CHR6	3163835	CHR6:3163835	SSF x Far_LoA	-8,32938021	0,109	0,309
CHR6	3163951	CHR6:3163951	SSF x Far_LoA	-10,8546199	-0,008	0,298
CHR6	3183384	CHR6:3183384	SSF x Far_LoA	-12,085087	-0,020	0,303
CHR6	3183508	CHR6:3183508	SSF x Far_LoA	-8,0493771	-0,021	0,307
CHR6	3186424	CHR6:3186424	SSF x Far_LoA	-9,54134841	0,120	0,304
CHR6	318709	CHR6:318709	SSF x Far_LoA	-10,5343639	-0,083	0,314
CHR6	318737	CHR6:318737	SSF x Far_LoA	-10,407249	-0,007	0,307
CHR6	318740	CHR6:318740	SSF x Far_LoA	-8,46120248	0,044	0,306
CHR6	318746	CHR6:318746	SSF x Far_LoA	-9,85007326	0,039	0,287
CHR6	318768	CHR6:318768	SSF x Far_LoA	-9,48654009	-0,083	0,307
CHR6	318828	CHR6:318828	SSF x Far_LoA	-7,79786096	-0,036	0,313
CHR6	318859	CHR6:318859	SSF x Far_LoA	-11,9596728	0,003	0,302
CHR6	3189392	CHR6:3189392	SSF x Far_LoA	-10,2397493	-0,010	0,313
CHR6	3189606	CHR6:3189606	SSF x Far_LoA	-7,62616916	0,130	0,290
CHR6	3202586	CHR6:3202586	SSF x Far_LoA	-11,8357308	0,104	0,292
CHR6	3202598	CHR6:3202598	SSF x Far_LoA	-9,18508884	0,010	0,314
CHR6	3202670	CHR6:3202670	SSF x Far_LoA	-10,7562893	0,026	0,315
CHR6	3202696	CHR6:3202696	SSF x Far_LoA	-4,444756	-0,237	0,300
CHR6	3202706	CHR6:3202706	SSF x Far_LoA	-9,3526925	0,064	0,300
CHR6	3202872	CHR6:3202872	SSF x Far_LoA	-10,5493428	-0,094	0,309
CHR6	3205495	CHR6:3205495	SSF x Far_LoA	-7,31959749	-0,142	0,292
CHR6	3205506	CHR6:3205506	SSF x Far_LoA	-7,12718855	0,167	0,294
CHR6	3205517	CHR6:3205517	SSF x Far_LoA	-9,63445617	0,018	0,308
CHR6	3205542	CHR6:3205542	SSF x Far_LoA	-6,49946458	0,087	0,303
CHR6	3225163	CHR6:3225163	SSF x Far_LoA	-10,223574	0,032	0,317
CHR6	3225297	CHR6:3225297	SSF x Far_LoA	-8,59424053	0,079	0,309
CHR6	3237905	CHR6:3237905	SSF x Far_LoA	-8,8428234	0,092	0,312
CHR6	3238008	CHR6:3238008	SSF x Far_LoA	-9,31288093	-0,070	0,307
CHR6	3240955	CHR6:3240955	SSF x Far_LoA	-7,49179942	0,000	0,329
CHR6	3245125	CHR6:3245125	SSF x Far_LoA	-9,76508319	-0,007	0,317
CHR6	3245166	CHR6:3245166	SSF x Far_LoA	-7,64321679	0,069	0,323
CHR6	3245186	CHR6:3245186	SSF x Far_LoA	-11,5758193	-0,017	0,301
CHR6	3245190	CHR6:3245190	SSF x Far_LoA	-7,80855553	-0,044	0,311
CHR6	3245204	CHR6:3245204	SSF x Far_LoA	-10,6141233	0,110	0,304
CHR6	3245210	CHR6:3245210	SSF x Far_LoA	-10,4932197	0,095	0,307
CHR6	3245298	CHR6:3245298	SSF x Far_LoA	-9,9711665	0,058	0,294
CHR6	3245320	CHR6:3245320	SSF x Far_LoA	-10,1659562	-0,017	0,311
CHR6	3245335	CHR6:3245335	SSF x Far_LoA	-5,2073785	0,028	0,313
CHR6	3245336	CHR6:3245336	SSF x Far_LoA	-11,3871772	0,013	0,304
CHR6	3245337	CHR6:3245337	SSF x Far_LoA	-11,4831108	0,002	0,296
CHR6	3245374	CHR6:3245374	SSF x Far_LoA	-7,87423537	-0,006	0,316

CHR6	3249941	CHR6:3249941	SSF x Far_LoA	-8,07565322	0,071	0,304
CHR6	3251739	CHR6:3251739	SSF x Far_LoA	-10,2816697	0,025	0,311
CHR6	3256926	CHR6:3256926	SSF x Far_LoA	-10,4763377	0,033	0,300
CHR6	3256953	CHR6:3256953	SSF x Far_LoA	-7,95663393	-0,151	0,286
CHR6	3257026	CHR6:3257026	SSF x Far_LoA	-10,0731758	0,020	0,312
CHR6	3257029	CHR6:3257029	SSF x Far_LoA	-10,3010194	0,107	0,308
CHR6	3257034	CHR6:3257034	SSF x Far_LoA	-8,33189666	0,125	0,308
CHR6	3257035	CHR6:3257035	SSF x Far_LoA	-4,84970325	0,009	0,313
CHR6	3257134	CHR6:3257134	SSF x Far_LoA	-11,5785832	-0,045	0,306
CHR6	3258358	CHR6:3258358	SSF x Far_LoA	-10,2238228	-0,056	0,295
CHR6	3258396	CHR6:3258396	SSF x Far_LoA	-9,46202787	-0,123	0,325
CHR6	3258462	CHR6:3258462	SSF x Far_LoA	-8,77273874	0,060	0,310
CHR6	3258545	CHR6:3258545	SSF x Far_LoA	-6,77929049	0,116	0,317
CHR6	3258555	CHR6:3258555	SSF x Far_LoA	-10,1622708	-0,139	0,293
CHR6	3283130	CHR6:3283130	SSF x Far_LoA	-9,41641407	0,087	0,305
CHR6	3285419	CHR6:3285419	SSF x Far_LoA	-9,79718957	-0,016	0,310
CHR6	3285460	CHR6:3285460	SSF x Far_LoA	-8,76913738	0,028	0,312
CHR6	3285492	CHR6:3285492	SSF x Far_LoA	-11,185973	0,039	0,308
CHR6	3285531	CHR6:3285531	SSF x Far_LoA	-8,32328485	0,009	0,315
CHR6	3285533	CHR6:3285533	SSF x Far_LoA	-9,43713525	0,012	0,308
CHR6	3287401	CHR6:3287401	SSF x Far_LoA	-8,31138232	-0,094	0,310
CHR6	3289714	CHR6:3289714	SSF x Far_LoA	-3,2455689	-0,046	0,296
CHR6	3298878	CHR6:3298878	SSF x Far_LoA	-11,0537152	0,103	0,302
CHR6	3298888	CHR6:3298888	SSF x Far_LoA	-10,4763259	0,019	0,290
CHR6	3298908	CHR6:3298908	SSF x Far_LoA	-8,22166946	-0,039	0,314
CHR6	3313513	CHR6:3313513	SSF x Far_LoA	-8,10307874	-0,039	0,311
CHR6	3313526	CHR6:3313526	SSF x Far_LoA	-11,8676799	-0,032	0,302
CHR6	3326856	CHR6:3326856	SSF x Far_LoA	-8,66477795	0,085	0,311
CHR6	3326921	CHR6:3326921	SSF x Far_LoA	-7,77562967	0,061	0,306
CHR6	3350977	CHR6:3350977	SSF x Far_LoA	-9,9213593	0,020	0,299
CHR6	3351045	CHR6:3351045	SSF x Far_LoA	-9,37538565	0,146	0,318
CHR6	3382541	CHR6:3382541	SSF x Far_LoA	-9,02716339	0,036	0,316
CHR6	3382719	CHR6:3382719	SSF x Far_LoA	-10,9200172	-0,069	0,312
CHR6	3401457	CHR6:3401457	SSF x Far_LoA	-11,0206265	-0,073	0,307
CHR6	3406750	CHR6:3406750	SSF x Far_LoA	-10,201798	-0,101	0,298
CHR6	3406752	CHR6:3406752	SSF x Far_LoA	-10,1618732	-0,115	0,300
CHR6	3418111	CHR6:3418111	SSF x Far_LoA	-6,67157079	-0,061	0,301
CHR6	342554	CHR6:342554	SSF x Far_LoA	-10,0288839	-0,112	0,282
CHR6	342570	CHR6:342570	SSF x Far_LoA	-10,2316713	-0,035	0,307
CHR6	3426110	CHR6:3426110	SSF x Far_LoA	-11,2972288	0,023	0,313
CHR6	3426115	CHR6:3426115	SSF x Far_LoA	-7,31465606	0,044	0,311
CHR6	3426119	CHR6:3426119	SSF x Far_LoA	-9,43924465	0,029	0,317
CHR6	3426133	CHR6:3426133	SSF x Far_LoA	-9,66793128	0,041	0,307
CHR6	3429018	CHR6:3429018	SSF x Far_LoA	-7,95867845	0,142	0,300
CHR6	3429034	CHR6:3429034	SSF x Far_LoA	-5,94127743	-0,048	0,315
CHR6	3429049	CHR6:3429049	SSF x Far_LoA	-9,59551119	-0,017	0,293
CHR6	3429110	CHR6:3429110	SSF x Far_LoA	-8,10541136	-0,092	0,290
CHR6	3429121	CHR6:3429121	SSF x Far_LoA	-8,64573226	0,070	0,300
CHR6	3429133	CHR6:3429133	SSF x Far_LoA	-7,04415311	-0,001	0,311
CHR6	3429171	CHR6:3429171	SSF x Far_LoA	-8,75640895	-0,073	0,298
CHR6	3433007	CHR6:3433007	SSF x Far_LoA	-7,7281221	-0,111	0,298
CHR6	3433009	CHR6:3433009	SSF x Far_LoA	-10,2888363	0,035	0,308
CHR6	3433012	CHR6:3433012	SSF x Far_LoA	-8,01165593	0,127	0,296

CHR6	3433015	CHR6:3433015	SSF x Far_LoA	-11,3464594	0,036	0,310
CHR6	3441083	CHR6:3441083	SSF x Far_LoA	-10,6875252	-0,041	0,309
CHR6	3441091	CHR6:3441091	SSF x Far_LoA	-5,48997035	-0,059	0,319
CHR6	3441107	CHR6:3441107	SSF x Far_LoA	-8,46249108	0,000	0,304
CHR6	3441108	CHR6:3441108	SSF x Far_LoA	-11,1352502	-0,019	0,302
CHR6	3441170	CHR6:3441170	SSF x Far_LoA	-9,33081453	-0,096	0,307
CHR6	3441196	CHR6:3441196	SSF x Far_LoA	-12,0099165	-0,043	0,297
CHR6	3441245	CHR6:3441245	SSF x Far_LoA	-3,71267689	-0,030	0,292
CHR6	3441320	CHR6:3441320	SSF x Far_LoA	-9,89166918	0,093	0,315
CHR6	344370	CHR6:344370	SSF x Far_LoA	-6,46371352	0,135	0,299
CHR6	344426	CHR6:344426	SSF x Far_LoA	-8,27646303	0,021	0,310
CHR6	3448396	CHR6:3448396	SSF x Far_LoA	-7,91897536	0,074	0,313
CHR6	3448766	CHR6:3448766	SSF x Far_LoA	-10,5133973	-0,044	0,295
CHR6	3455763	CHR6:3455763	SSF x Far_LoA	-7,76303816	-0,186	0,299
CHR6	3477420	CHR6:3477420	SSF x Far_LoA	-9,29156705	-0,025	0,304
CHR6	3477461	CHR6:3477461	SSF x Far_LoA	-10,4060851	0,013	0,292
CHR6	3480337	CHR6:3480337	SSF x Far_LoA	-8,48749264	0,036	0,313
CHR6	3480364	CHR6:3480364	SSF x Far_LoA	-9,09916743	-0,001	0,303
CHR6	3480396	CHR6:3480396	SSF x Far_LoA	-12,4065341	-0,024	0,304
CHR6	3480408	CHR6:3480408	SSF x Far_LoA	-10,4863025	-0,009	0,318
CHR6	3480457	CHR6:3480457	SSF x Far_LoA	-8,79929328	0,031	0,304
CHR6	3486370	CHR6:3486370	SSF x Far_LoA	-8,98302523	0,002	0,302
CHR6	3486433	CHR6:3486433	SSF x Far_LoA	-7,42546516	-0,047	0,315
CHR6	3486458	CHR6:3486458	SSF x Far_LoA	-9,17209348	-0,032	0,275
CHR6	3486485	CHR6:3486485	SSF x Far_LoA	-7,96729122	0,118	0,292
CHR6	3486505	CHR6:3486505	SSF x Far_LoA	-11,3858516	0,015	0,303
CHR6	3486543	CHR6:3486543	SSF x Far_LoA	-9,28871456	0,089	0,302
CHR6	3516459	CHR6:3516459	SSF x Far_LoA	-9,45130845	0,064	0,312
CHR6	3516506	CHR6:3516506	SSF x Far_LoA	-9,97405994	0,040	0,317
CHR6	3518355	CHR6:3518355	SSF x Far_LoA	-5,64524767	0,125	0,299
CHR6	3529573	CHR6:3529573	SSF x Far_LoA	-10,9807526	-0,035	0,312
CHR6	3529607	CHR6:3529607	SSF x Far_LoA	-9,99275944	0,061	0,308
CHR6	3532691	CHR6:3532691	SSF x Far_LoA	-7,47545243	-0,177	0,304
CHR6	3532774	CHR6:3532774	SSF x Far_LoA	-10,9058108	-0,064	0,301
CHR6	3532840	CHR6:3532840	SSF x Far_LoA	-9,96525829	-0,005	0,316
CHR6	3532848	CHR6:3532848	SSF x Far_LoA	-10,7563286	-0,078	0,306
CHR6	3532880	CHR6:3532880	SSF x Far_LoA	-5,73995185	-0,082	0,311
CHR6	3532915	CHR6:3532915	SSF x Far_LoA	-9,30976353	0,068	0,307
CHR6	3537079	CHR6:3537079	SSF x Far_LoA	-9,55876826	0,007	0,310
CHR6	3537111	CHR6:3537111	SSF x Far_LoA	-11,8869203	-0,025	0,291
CHR6	3537212	CHR6:3537212	SSF x Far_LoA	-8,81291067	0,008	0,307
CHR6	3543075	CHR6:3543075	SSF x Far_LoA	-8,4283337	0,017	0,312
CHR6	3543756	CHR6:3543756	SSF x Far_LoA	-9,87990929	-0,003	0,307
CHR6	3545367	CHR6:3545367	SSF x Far_LoA	-11,5095491	-0,055	0,308
CHR6	3545636	CHR6:3545636	SSF x Far_LoA	-9,55957251	0,018	0,309
CHR6	355101	CHR6:355101	SSF x Far_LoA	-7,70512848	0,025	0,309
CHR6	355232	CHR6:355232	SSF x Far_LoA	-9,95290667	-0,056	0,316
CHR6	355250	CHR6:355250	SSF x Far_LoA	-8,14955003	0,103	0,307
CHR6	3559134	CHR6:3559134	SSF x Far_LoA	-2,67339105	0,090	0,300
CHR6	3559340	CHR6:3559340	SSF x Far_LoA	-8,38126633	-0,041	0,300
CHR6	3563785	CHR6:3563785	SSF x Far_LoA	-10,5011266	0,011	0,309
CHR6	3563819	CHR6:3563819	SSF x Far_LoA	-6,34610477	0,019	0,313
CHR6	3569714	CHR6:3569714	SSF x Far_LoA	-10,5260546	0,052	0,312

CHR6	3588493	CHR6:3588493	SSF x Far_LoA	-11,2446093	-0,003	0,301
CHR6	3588495	CHR6:3588495	SSF x Far_LoA	-8,08422328	-0,046	0,315
CHR6	3588513	CHR6:3588513	SSF x Far_LoA	-9,93993069	-0,014	0,302
CHR6	3588561	CHR6:3588561	SSF x Far_LoA	-8,26396031	0,159	0,295
CHR6	3591249	CHR6:3591249	SSF x Far_LoA	-7,30781517	-0,149	0,304
CHR6	3591251	CHR6:3591251	SSF x Far_LoA	-5,68697811	-0,167	0,290
CHR6	3591252	CHR6:3591252	SSF x Far_LoA	-6,99767055	-0,134	0,289
CHR6	3591331	CHR6:3591331	SSF x Far_LoA	-8,94410403	-0,031	0,310
CHR6	359312	CHR6:359312	SSF x Far_LoA	-10,645264	-0,006	0,290
CHR6	359325	CHR6:359325	SSF x Far_LoA	-10,7135864	-0,006	0,306
CHR6	359326	CHR6:359326	SSF x Far_LoA	-10,3831759	-0,060	0,309
CHR6	3594176	CHR6:3594176	SSF x Far_LoA	-8,55459863	-0,033	0,316
CHR6	3595774	CHR6:3595774	SSF x Far_LoA	-7,9644439	-0,026	0,307
CHR6	3595859	CHR6:3595859	SSF x Far_LoA	-9,70979367	0,020	0,298
CHR6	3595904	CHR6:3595904	SSF x Far_LoA	-8,30372791	-0,117	0,311
CHR6	3595982	CHR6:3595982	SSF x Far_LoA	-6,47412962	-0,095	0,304
CHR6	3597697	CHR6:3597697	SSF x Far_LoA	-7,39207081	0,016	0,299
CHR6	3597706	CHR6:3597706	SSF x Far_LoA	-9,40012664	0,180	0,302
CHR6	359771	CHR6:359771	SSF x Far_LoA	-10,2038552	-0,056	0,310
CHR6	3597932	CHR6:3597932	SSF x Far_LoA	-8,68486781	0,026	0,302
CHR6	3607936	CHR6:3607936	SSF x Far_LoA	-11,9162707	-0,014	0,301
CHR6	3607974	CHR6:3607974	SSF x Far_LoA	-9,26992479	0,067	0,308
CHR6	3608001	CHR6:3608001	SSF x Far_LoA	-4,3253877	-0,154	0,286
CHR6	3608005	CHR6:3608005	SSF x Far_LoA	-11,1412238	0,095	0,317
CHR6	3608017	CHR6:3608017	SSF x Far_LoA	-8,05286682	-0,098	0,314
CHR6	3608102	CHR6:3608102	SSF x Far_LoA	-9,22951686	-0,024	0,318
CHR6	3616822	CHR6:3616822	SSF x Far_LoA	-8,43882868	0,063	0,301
CHR6	3617231	CHR6:3617231	SSF x Far_LoA	-9,24413905	-0,055	0,306
CHR6	3630529	CHR6:3630529	SSF x Far_LoA	-8,12362819	0,077	0,315
CHR6	3630654	CHR6:3630654	SSF x Far_LoA	-12,1322883	-0,033	0,299
CHR6	3641557	CHR6:3641557	SSF x Far_LoA	-8,00316322	0,061	0,304
CHR6	3641568	CHR6:3641568	SSF x Far_LoA	-11,1833795	0,023	0,300
CHR6	3641593	CHR6:3641593	SSF x Far_LoA	-11,7046305	-0,013	0,314
CHR6	3641606	CHR6:3641606	SSF x Far_LoA	-7,77267734	-0,030	0,314
CHR6	3641625	CHR6:3641625	SSF x Far_LoA	-11,0006078	0,022	0,306
CHR6	3641675	CHR6:3641675	SSF x Far_LoA	-12,6137826	0,025	0,296
CHR6	365857	CHR6:365857	SSF x Far_LoA	-12,1069584	-0,061	0,291
CHR6	365903	CHR6:365903	SSF x Far_LoA	-10,9956405	0,100	0,304
CHR6	365912	CHR6:365912	SSF x Far_LoA	-0,57900905	0,102	0,287
CHR6	365959	CHR6:365959	SSF x Far_LoA	-12,2849538	0,016	0,312
CHR6	366009	CHR6:366009	SSF x Far_LoA	-11,5134386	0,049	0,307
CHR6	366048	CHR6:366048	SSF x Far_LoA	-9,95328265	-0,052	0,301
CHR6	366095	CHR6:366095	SSF x Far_LoA	-6,94411851	-0,099	0,312
CHR6	366100	CHR6:366100	SSF x Far_LoA	-9,54348266	0,082	0,303
CHR6	3688084	CHR6:3688084	SSF x Far_LoA	-11,1988243	0,007	0,306
CHR6	3688120	CHR6:3688120	SSF x Far_LoA	-9,32452368	0,057	0,297
CHR6	3692273	CHR6:3692273	SSF x Far_LoA	-5,91895025	-0,183	0,301
CHR6	3692289	CHR6:3692289	SSF x Far_LoA	-6,51757696	-0,212	0,290
CHR6	3692344	CHR6:3692344	SSF x Far_LoA	-8,47181416	-0,027	0,312
CHR6	3692435	CHR6:3692435	SSF x Far_LoA	-3,83466377	-0,236	0,298
CHR6	3692464	CHR6:3692464	SSF x Far_LoA	-10,3891147	0,120	0,296
CHR6	3692494	CHR6:3692494	SSF x Far_LoA	-7,50955479	-0,143	0,310
CHR6	3692509	CHR6:3692509	SSF x Far_LoA	-6,39706589	-0,159	0,301

CHR6	3729550	CHR6:3729550	SSF x Far_LoA	-10,0678031	0,066	0,292
CHR6	3729699	CHR6:3729699	SSF x Far_LoA	-11,9667121	0,028	0,308
CHR6	3745682	CHR6:3745682	SSF x Far_LoA	-9,35577849	-0,062	0,296
CHR6	374754	CHR6:374754	SSF x Far_LoA	-8,73595862	-0,083	0,309
CHR6	374777	CHR6:374777	SSF x Far_LoA	-11,9303812	0,047	0,296
CHR6	374804	CHR6:374804	SSF x Far_LoA	-11,3944782	0,099	0,299
CHR6	375416	CHR6:375416	SSF x Far_LoA	-8,72167214	0,099	0,298
CHR6	375499	CHR6:375499	SSF x Far_LoA	-10,8024875	0,013	0,321
CHR6	3755388	CHR6:3755388	SSF x Far_LoA	-11,0006753	-0,037	0,299
CHR6	3755479	CHR6:3755479	SSF x Far_LoA	-6,80389148	0,003	0,314
CHR6	3755563	CHR6:3755563	SSF x Far_LoA	-9,62405411	0,045	0,307
CHR6	3755606	CHR6:3755606	SSF x Far_LoA	-9,02706922	-0,013	0,311
CHR6	3776803	CHR6:3776803	SSF x Far_LoA	-8,0540157	-0,147	0,299
CHR6	3776873	CHR6:3776873	SSF x Far_LoA	-6,39475118	0,050	0,314
CHR6	3777020	CHR6:3777020	SSF x Far_LoA	-8,50195863	0,040	0,315
CHR6	3779387	CHR6:3779387	SSF x Far_LoA	-7,42878944	0,097	0,314
CHR6	3779700	CHR6:3779700	SSF x Far_LoA	-11,1795483	0,018	0,302
CHR6	3779734	CHR6:3779734	SSF x Far_LoA	-9,65183656	-0,087	0,308
CHR6	3779808	CHR6:3779808	SSF x Far_LoA	-11,780309	0,048	0,303
CHR6	3784035	CHR6:3784035	SSF x Far_LoA	-9,01525367	0,056	0,311
CHR6	3784085	CHR6:3784085	SSF x Far_LoA	-9,21979941	0,048	0,301
CHR6	3784307	CHR6:3784307	SSF x Far_LoA	-8,64692415	0,098	0,309
CHR6	3784381	CHR6:3784381	SSF x Far_LoA	-11,1519773	0,024	0,307
CHR6	379025	CHR6:379025	SSF x Far_LoA	-11,6668479	0,013	0,302
CHR6	379033	CHR6:379033	SSF x Far_LoA	-8,83669277	-0,003	0,318
CHR6	379272	CHR6:379272	SSF x Far_LoA	-10,8285812	-0,029	0,306
CHR6	379292	CHR6:379292	SSF x Far_LoA	-8,37653248	0,018	0,321
CHR6	3792940	CHR6:3792940	SSF x Far_LoA	-8,46437873	0,137	0,303
CHR6	3793207	CHR6:3793207	SSF x Far_LoA	-6,69474228	0,173	0,288
CHR6	3793226	CHR6:3793226	SSF x Far_LoA	-8,86104942	-0,031	0,316
CHR6	3793284	CHR6:3793284	SSF x Far_LoA	-8,61931216	0,010	0,295
CHR6	3795084	CHR6:3795084	SSF x Far_LoA	-9,71923928	-0,069	0,308
CHR6	3795138	CHR6:3795138	SSF x Far_LoA	-7,36095678	0,107	0,308
CHR6	3795264	CHR6:3795264	SSF x Far_LoA	-7,26862861	-0,132	0,320
CHR6	3795409	CHR6:3795409	SSF x Far_LoA	-10,3834764	-0,054	0,317
CHR6	3801747	CHR6:3801747	SSF x Far_LoA	-7,84511581	0,018	0,300
CHR6	3801863	CHR6:3801863	SSF x Far_LoA	-10,8391079	0,014	0,306
CHR6	3801890	CHR6:3801890	SSF x Far_LoA	-11,5286299	0,143	0,297
CHR6	380602	CHR6:380602	SSF x Far_LoA	-10,6717394	-0,072	0,300
CHR6	3809932	CHR6:3809932	SSF x Far_LoA	-5,88629941	-0,067	0,312
CHR6	3809948	CHR6:3809948	SSF x Far_LoA	-10,1944426	-0,008	0,297
CHR6	3809972	CHR6:3809972	SSF x Far_LoA	-5,15228116	-0,080	0,324
CHR6	3809986	CHR6:3809986	SSF x Far_LoA	-9,15702629	0,013	0,315
CHR6	3815628	CHR6:3815628	SSF x Far_LoA	-8,37365779	0,142	0,306
CHR6	382283	CHR6:382283	SSF x Far_LoA	-9,02006708	0,075	0,294
CHR6	382286	CHR6:382286	SSF x Far_LoA	-10,6879108	-0,041	0,304
CHR6	382288	CHR6:382288	SSF x Far_LoA	-7,78714969	-0,080	0,307
CHR6	3829866	CHR6:3829866	SSF x Far_LoA	-10,0808268	0,097	0,298
CHR6	3830012	CHR6:3830012	SSF x Far_LoA	-8,26782849	0,167	0,287
CHR6	3830013	CHR6:3830013	SSF x Far_LoA	-10,1375165	-0,069	0,298
CHR6	3830134	CHR6:3830134	SSF x Far_LoA	-8,9166723	0,145	0,297
CHR6	3840552	CHR6:3840552	SSF x Far_LoA	-8,32024011	0,038	0,306
CHR6	3873511	CHR6:3873511	SSF x Far_LoA	-8,41380402	0,008	0,313

CHR6	3873547	CHR6:3873547	SSF x Far_LoA	-8,41280061	0,105	0,304
CHR6	3876736	CHR6:3876736	SSF x Far_LoA	-8,83249368	-0,047	0,307
CHR6	3876888	CHR6:3876888	SSF x Far_LoA	-11,4281806	0,064	0,296
CHR6	3879605	CHR6:3879605	SSF x Far_LoA	-8,31824696	-0,114	0,301
CHR6	3879677	CHR6:3879677	SSF x Far_LoA	-11,400526	0,004	0,313
CHR6	3893454	CHR6:3893454	SSF x Far_LoA	-6,71468496	-0,056	0,308
CHR6	3893531	CHR6:3893531	SSF x Far_LoA	-9,32883073	0,101	0,294
CHR6	3898548	CHR6:3898548	SSF x Far_LoA	-7,91375087	0,147	0,294
CHR6	3903944	CHR6:3903944	SSF x Far_LoA	-8,17631758	-0,167	0,305
CHR6	3905285	CHR6:3905285	SSF x Far_LoA	-11,4116699	0,043	0,290
CHR6	3905301	CHR6:3905301	SSF x Far_LoA	-5,44332398	-0,139	0,305
CHR6	3905307	CHR6:3905307	SSF x Far_LoA	-9,77903874	0,095	0,304
CHR6	3921052	CHR6:3921052	SSF x Far_LoA	-12,0341114	-0,084	0,298
CHR6	3923333	CHR6:3923333	SSF x Far_LoA	-8,05586532	0,122	0,302
CHR6	3923335	CHR6:3923335	SSF x Far_LoA	-8,41811161	0,101	0,298
CHR6	3925511	CHR6:3925511	SSF x Far_LoA	-3,86500949	-0,093	0,310
CHR6	3925547	CHR6:3925547	SSF x Far_LoA	-8,6149711	0,019	0,301
CHR6	3929842	CHR6:3929842	SSF x Far_LoA	-9,44989037	-0,115	0,298
CHR6	3929880	CHR6:3929880	SSF x Far_LoA	-1,4664147	0,031	0,306
CHR6	3929883	CHR6:3929883	SSF x Far_LoA	-10,3531612	-0,022	0,308
CHR6	3929930	CHR6:3929930	SSF x Far_LoA	-3,11466679	-0,044	0,295
CHR6	3929931	CHR6:3929931	SSF x Far_LoA	-10,1978973	-0,093	0,314
CHR6	3929950	CHR6:3929950	SSF x Far_LoA	-11,2078005	-0,040	0,321
CHR6	3939436	CHR6:3939436	SSF x Far_LoA	-10,2955781	-0,015	0,312
CHR6	3939514	CHR6:3939514	SSF x Far_LoA	-10,0798545	0,017	0,313
CHR6	3945147	CHR6:3945147	SSF x Far_LoA	-0,07586002	0,036	0,309
CHR6	3945267	CHR6:3945267	SSF x Far_LoA	-11,8075417	-0,073	0,301
CHR6	3945443	CHR6:3945443	SSF x Far_LoA	-9,39068699	0,082	0,299
CHR6	3956746	CHR6:3956746	SSF x Far_LoA	-6,77946758	-0,089	0,309
CHR6	3956959	CHR6:3956959	SSF x Far_LoA	-8,04843931	0,101	0,310
CHR6	3957034	CHR6:3957034	SSF x Far_LoA	-11,4024904	0,114	0,293
CHR6	3957049	CHR6:3957049	SSF x Far_LoA	-9,35178581	0,046	0,305
CHR6	3967203	CHR6:3967203	SSF x Far_LoA	-7,31062366	-0,014	0,311
CHR6	3967219	CHR6:3967219	SSF x Far_LoA	-7,86536526	0,045	0,311
CHR6	3967226	CHR6:3967226	SSF x Far_LoA	-10,1554242	0,022	0,307
CHR6	3967389	CHR6:3967389	SSF x Far_LoA	-10,3533848	-0,111	0,306
CHR6	3976524	CHR6:3976524	SSF x Far_LoA	-8,67047267	0,039	0,314
CHR6	3976568	CHR6:3976568	SSF x Far_LoA	-9,94933049	-0,020	0,298
CHR6	3976886	CHR6:3976886	SSF x Far_LoA	-5,81999358	-0,023	0,306
CHR6	3976958	CHR6:3976958	SSF x Far_LoA	-9,73392115	-0,069	0,295
CHR6	3976966	CHR6:3976966	SSF x Far_LoA	-10,7106481	-0,023	0,300
CHR6	398122	CHR6:398122	SSF x Far_LoA	-8,59013595	-0,104	0,312
CHR6	398151	CHR6:398151	SSF x Far_LoA	-8,26297558	-0,010	0,314
CHR6	3994283	CHR6:3994283	SSF x Far_LoA	-9,86017574	0,039	0,306
CHR6	3994336	CHR6:3994336	SSF x Far_LoA	-10,6908607	0,018	0,306
CHR6	4019200	CHR6:4019200	SSF x Far_LoA	-9,96373241	-0,056	0,301
CHR6	4019293	CHR6:4019293	SSF x Far_LoA	-11,31329	-0,044	0,296
CHR6	4019342	CHR6:4019342	SSF x Far_LoA	-8,04539583	0,115	0,309
CHR6	4019351	CHR6:4019351	SSF x Far_LoA	-9,7835411	0,054	0,319
CHR6	4019367	CHR6:4019367	SSF x Far_LoA	-6,1431673	-0,165	0,311
CHR6	4019374	CHR6:4019374	SSF x Far_LoA	-7,39728263	-0,158	0,292
CHR6	4019399	CHR6:4019399	SSF x Far_LoA	-7,77660032	-0,157	0,291
CHR6	4019439	CHR6:4019439	SSF x Far_LoA	-8,87203826	-0,018	0,311

CHR6	4019455	CHR6:4019455	SSF x Far_LoA	-8,31159181	-0,020	0,318
CHR6	4023324	CHR6:4023324	SSF x Far_LoA	-9,27015425	0,053	0,305
CHR6	4023326	CHR6:4023326	SSF x Far_LoA	-9,27610651	0,053	0,309
CHR6	4023384	CHR6:4023384	SSF x Far_LoA	-8,61304266	0,037	0,305
CHR6	4023392	CHR6:4023392	SSF x Far_LoA	-8,76387539	0,008	0,320
CHR6	4023435	CHR6:4023435	SSF x Far_LoA	-9,55488544	0,017	0,311
CHR6	4023493	CHR6:4023493	SSF x Far_LoA	-7,13732	-0,062	0,305
CHR6	4023497	CHR6:4023497	SSF x Far_LoA	-5,43563555	0,169	0,308
CHR6	4023505	CHR6:4023505	SSF x Far_LoA	-10,9371505	-0,024	0,309
CHR6	4023530	CHR6:4023530	SSF x Far_LoA	-6,96948109	-0,070	0,294
CHR6	4023533	CHR6:4023533	SSF x Far_LoA	-9,28098387	0,035	0,311
CHR6	4023557	CHR6:4023557	SSF x Far_LoA	-10,1960366	0,080	0,300
CHR6	4027163	CHR6:4027163	SSF x Far_LoA	-8,09659198	0,001	0,310
CHR6	4027272	CHR6:4027272	SSF x Far_LoA	-10,6220912	-0,025	0,309
CHR6	4027285	CHR6:4027285	SSF x Far_LoA	-7,29039017	0,075	0,305
CHR6	4029814	CHR6:4029814	SSF x Far_LoA	-8,32404534	-0,041	0,308
CHR6	4029881	CHR6:4029881	SSF x Far_LoA	-7,08994421	0,000	0,303
CHR6	4029883	CHR6:4029883	SSF x Far_LoA	-11,027087	-0,056	0,323
CHR6	4029907	CHR6:4029907	SSF x Far_LoA	-9,7260512	-0,020	0,309
CHR6	4034402	CHR6:4034402	SSF x Far_LoA	-9,30421279	0,034	0,292
CHR6	4034451	CHR6:4034451	SSF x Far_LoA	-9,78745608	0,017	0,306
CHR6	4052597	CHR6:4052597	SSF x Far_LoA	-5,8709238	-0,111	0,284
CHR6	4052725	CHR6:4052725	SSF x Far_LoA	-9,15862411	0,051	0,320
CHR6	4052731	CHR6:4052731	SSF x Far_LoA	-11,7832935	-0,078	0,299
CHR6	4052761	CHR6:4052761	SSF x Far_LoA	-9,61512949	0,089	0,292
CHR6	4052772	CHR6:4052772	SSF x Far_LoA	-9,75749606	-0,047	0,297
CHR6	4052786	CHR6:4052786	SSF x Far_LoA	-8,39785826	-0,119	0,309
CHR6	406617	CHR6:406617	SSF x Far_LoA	-11,862505	0,039	0,323
CHR6	406717	CHR6:406717	SSF x Far_LoA	-11,0094362	0,102	0,292
CHR6	4070156	CHR6:4070156	SSF x Far_LoA	-9,59523642	0,019	0,302
CHR6	4070250	CHR6:4070250	SSF x Far_LoA	-8,18345168	-0,102	0,310
CHR6	4081118	CHR6:4081118	SSF x Far_LoA	-11,6528329	-0,068	0,311
CHR6	4100010	CHR6:4100010	SSF x Far_LoA	-11,2059568	0,017	0,315
CHR6	4104294	CHR6:4104294	SSF x Far_LoA	-7,62840008	-0,022	0,309
CHR6	4104398	CHR6:4104398	SSF x Far_LoA	-10,0015401	-0,013	0,316
CHR6	4104484	CHR6:4104484	SSF x Far_LoA	-8,38628954	-0,040	0,310
CHR6	4116021	CHR6:4116021	SSF x Far_LoA	-11,0250153	0,010	0,299
CHR6	412727	CHR6:412727	SSF x Far_LoA	-4,48566788	-0,050	0,294
CHR6	4133530	CHR6:4133530	SSF x Far_LoA	-9,6223415	0,109	0,296
CHR6	4133545	CHR6:4133545	SSF x Far_LoA	-8,28346254	-0,066	0,307
CHR6	4136922	CHR6:4136922	SSF x Far_LoA	-9,71417359	-0,099	0,293
CHR6	4137008	CHR6:4137008	SSF x Far_LoA	-8,71847202	-0,093	0,320
CHR6	4141113	CHR6:4141113	SSF x Far_LoA	-10,7768442	-0,010	0,306
CHR6	4156735	CHR6:4156735	SSF x Far_LoA	-10,6173293	0,054	0,306
CHR6	4156841	CHR6:4156841	SSF x Far_LoA	-10,1514385	0,166	0,305
CHR6	4173291	CHR6:4173291	SSF x Far_LoA	-7,25551196	0,160	0,306
CHR6	4173469	CHR6:4173469	SSF x Far_LoA	-5,62535322	0,101	0,300
CHR6	4173511	CHR6:4173511	SSF x Far_LoA	-8,57458963	0,104	0,307
CHR6	4178122	CHR6:4178122	SSF x Far_LoA	-11,2294068	-0,065	0,326
CHR6	4178181	CHR6:4178181	SSF x Far_LoA	-11,8077452	-0,059	0,288
CHR6	4188221	CHR6:4188221	SSF x Far_LoA	-9,1494901	-0,023	0,317
CHR6	4188278	CHR6:4188278	SSF x Far_LoA	-9,33531067	-0,038	0,302
CHR6	4188284	CHR6:4188284	SSF x Far_LoA	-11,1679864	0,030	0,305

CHR6	4188307	CHR6:4188307	SSF x Far_LoA	-9,99403439	0,068	0,313
CHR6	4206354	CHR6:4206354	SSF x Far_LoA	-9,98414285	0,000	0,300
CHR6	4206396	CHR6:4206396	SSF x Far_LoA	-7,54204778	0,037	0,312
CHR6	4207354	CHR6:4207354	SSF x Far_LoA	-4,91103698	-0,133	0,300
CHR6	4223848	CHR6:4223848	SSF x Far_LoA	-8,13853589	-0,142	0,297
CHR6	4223909	CHR6:4223909	SSF x Far_LoA	-9,0565021	-0,150	0,290
CHR6	4223952	CHR6:4223952	SSF x Far_LoA	-8,62998161	-0,113	0,297
CHR6	4230775	CHR6:4230775	SSF x Far_LoA	-8,80127434	0,084	0,308
CHR6	4230910	CHR6:4230910	SSF x Far_LoA	-11,1762371	0,070	0,298
CHR6	4230964	CHR6:4230964	SSF x Far_LoA	-11,7545502	0,072	0,303
CHR6	4231014	CHR6:4231014	SSF x Far_LoA	-10,2272461	0,029	0,310
CHR6	4235403	CHR6:4235403	SSF x Far_LoA	-8,10936438	-0,049	0,310
CHR6	4235409	CHR6:4235409	SSF x Far_LoA	-9,81271156	0,075	0,298
CHR6	4243095	CHR6:4243095	SSF x Far_LoA	-6,43242324	-0,093	0,313
CHR6	425344	CHR6:425344	SSF x Far_LoA	-8,83143443	-0,010	0,307
CHR6	425415	CHR6:425415	SSF x Far_LoA	-10,1148585	0,106	0,291
CHR6	4256775	CHR6:4256775	SSF x Far_LoA	-10,3515479	-0,053	0,293
CHR6	4267055	CHR6:4267055	SSF x Far_LoA	-10,3984714	-0,078	0,309
CHR6	4294617	CHR6:4294617	SSF x Far_LoA	-5,99988778	0,110	0,302
CHR6	4294657	CHR6:4294657	SSF x Far_LoA	-9,91254441	0,071	0,293
CHR6	4295518	CHR6:4295518	SSF x Far_LoA	-6,38662281	-0,064	0,318
CHR6	429925	CHR6:429925	SSF x Far_LoA	-8,54639592	0,108	0,300
CHR6	430014	CHR6:430014	SSF x Far_LoA	-11,0312367	0,117	0,283
CHR6	4302516	CHR6:4302516	SSF x Far_LoA	-10,0666262	0,064	0,306
CHR6	4310174	CHR6:4310174	SSF x Far_LoA	-6,57753248	-0,035	0,307
CHR6	4342564	CHR6:4342564	SSF x Far_LoA	-10,0978252	0,020	0,307
CHR6	4359968	CHR6:4359968	SSF x Far_LoA	-9,75825916	0,006	0,312
CHR6	4365194	CHR6:4365194	SSF x Far_LoA	-9,80669573	-0,144	0,290
CHR6	4366749	CHR6:4366749	SSF x Far_LoA	-8,94224839	-0,023	0,315
CHR6	4366773	CHR6:4366773	SSF x Far_LoA	-8,8062427	-0,012	0,301
CHR6	4366804	CHR6:4366804	SSF x Far_LoA	-9,86558183	-0,070	0,305
CHR6	4366911	CHR6:4366911	SSF x Far_LoA	-10,9772272	0,071	0,298
CHR6	4371436	CHR6:4371436	SSF x Far_LoA	-11,1899987	0,027	0,318
CHR6	4371593	CHR6:4371593	SSF x Far_LoA	-8,6581612	-0,143	0,302
CHR6	4373723	CHR6:4373723	SSF x Far_LoA	-11,8801254	-0,017	0,314
CHR6	4393902	CHR6:4393902	SSF x Far_LoA	-8,59449689	-0,044	0,304
CHR6	4407704	CHR6:4407704	SSF x Far_LoA	-6,96736235	0,112	0,298
CHR6	4407712	CHR6:4407712	SSF x Far_LoA	-12,0536557	0,081	0,297
CHR6	4407821	CHR6:4407821	SSF x Far_LoA	-9,79076945	-0,037	0,293
CHR6	4407827	CHR6:4407827	SSF x Far_LoA	-7,60695185	0,064	0,303
CHR6	4407831	CHR6:4407831	SSF x Far_LoA	-10,4054727	0,076	0,299
CHR6	4415050	CHR6:4415050	SSF x Far_LoA	-8,57169214	-0,107	0,308
CHR6	4420902	CHR6:4420902	SSF x Far_LoA	-8,23283536	0,048	0,311
CHR6	4420955	CHR6:4420955	SSF x Far_LoA	-7,16387708	0,152	0,298
CHR6	4421846	CHR6:4421846	SSF x Far_LoA	-9,75865541	-0,018	0,313
CHR6	44587	CHR6:44587	SSF x Far_LoA	-7,09442455	0,105	0,307
CHR6	4464321	CHR6:4464321	SSF x Far_LoA	-8,73649735	-0,066	0,313
CHR6	4471080	CHR6:4471080	SSF x Far_LoA	-7,91367302	-0,041	0,329
CHR6	4471122	CHR6:4471122	SSF x Far_LoA	-9,10125243	-0,020	0,324
CHR6	4474698	CHR6:4474698	SSF x Far_LoA	-9,20811773	-0,003	0,309
CHR6	4474718	CHR6:4474718	SSF x Far_LoA	-4,9582242	-0,162	0,307
CHR6	4474743	CHR6:4474743	SSF x Far_LoA	-2,14680815	0,027	0,308
CHR6	4474843	CHR6:4474843	SSF x Far_LoA	-11,0912133	-0,051	0,311

CHR6	4476005	CHR6:4476005	SSF x Far_LoA	-7,91670711	0,070	0,302
CHR6	4476069	CHR6:4476069	SSF x Far_LoA	-6,88084528	-0,115	0,303
CHR6	4476131	CHR6:4476131	SSF x Far_LoA	-11,0639145	-0,043	0,297
CHR6	4478157	CHR6:4478157	SSF x Far_LoA	-7,23908116	0,070	0,311
CHR6	4486377	CHR6:4486377	SSF x Far_LoA	-10,3238136	-0,053	0,311
CHR6	4487010	CHR6:4487010	SSF x Far_LoA	-11,4428052	0,036	0,316
CHR6	4494419	CHR6:4494419	SSF x Far_LoA	-10,9563501	0,012	0,311
CHR6	4494469	CHR6:4494469	SSF x Far_LoA	-7,99777641	-0,126	0,320
CHR6	4494478	CHR6:4494478	SSF x Far_LoA	-7,53086692	-0,125	0,314
CHR6	4494502	CHR6:4494502	SSF x Far_LoA	-8,65831797	-0,162	0,300
CHR6	4518789	CHR6:4518789	SSF x Far_LoA	-8,51267879	0,053	0,303
CHR6	4518858	CHR6:4518858	SSF x Far_LoA	-11,0466045	-0,020	0,312
CHR6	4524281	CHR6:4524281	SSF x Far_LoA	-9,03159497	-0,033	0,305
CHR6	4524325	CHR6:4524325	SSF x Far_LoA	-10,2649776	-0,089	0,311
CHR6	4524346	CHR6:4524346	SSF x Far_LoA	-10,0694097	0,063	0,306
CHR6	4531765	CHR6:4531765	SSF x Far_LoA	-7,89630453	-0,057	0,319
CHR6	4532156	CHR6:4532156	SSF x Far_LoA	-9,79452235	0,006	0,309
CHR6	4532250	CHR6:4532250	SSF x Far_LoA	-8,85562732	-0,042	0,311
CHR6	4532271	CHR6:4532271	SSF x Far_LoA	-10,8829989	-0,094	0,306
CHR6	4554393	CHR6:4554393	SSF x Far_LoA	-11,3470998	-0,004	0,306
CHR6	4554449	CHR6:4554449	SSF x Far_LoA	-7,5523106	-0,022	0,302
CHR6	4557629	CHR6:4557629	SSF x Far_LoA	-11,1540789	-0,115	0,301
CHR6	4557725	CHR6:4557725	SSF x Far_LoA	-7,59092131	-0,100	0,304
CHR6	4557726	CHR6:4557726	SSF x Far_LoA	-10,0653245	-0,044	0,314
CHR6	4557764	CHR6:4557764	SSF x Far_LoA	-9,56480584	-0,009	0,321
CHR6	4557796	CHR6:4557796	SSF x Far_LoA	-7,68954595	0,087	0,296
CHR6	4557817	CHR6:4557817	SSF x Far_LoA	-8,37595677	-0,037	0,308
CHR6	4559122	CHR6:4559122	SSF x Far_LoA	-10,3184924	-0,034	0,306
CHR6	4564758	CHR6:4564758	SSF x Far_LoA	-11,2527774	0,010	0,317
CHR6	4564760	CHR6:4564760	SSF x Far_LoA	-8,40294319	-0,019	0,313
CHR6	4565108	CHR6:4565108	SSF x Far_LoA	-10,0032342	-0,001	0,305
CHR6	4566890	CHR6:4566890	SSF x Far_LoA	-10,5602	-0,117	0,309
CHR6	4566963	CHR6:4566963	SSF x Far_LoA	-10,9874125	-0,081	0,304
CHR6	4567006	CHR6:4567006	SSF x Far_LoA	-10,3552243	-0,066	0,309
CHR6	4574489	CHR6:4574489	SSF x Far_LoA	-7,05275421	0,147	0,307
CHR6	4586018	CHR6:4586018	SSF x Far_LoA	-8,45039195	-0,015	0,321
CHR6	4586706	CHR6:4586706	SSF x Far_LoA	-10,7153363	0,095	0,296
CHR6	4586709	CHR6:4586709	SSF x Far_LoA	-7,77598536	0,118	0,298
CHR6	4586712	CHR6:4586712	SSF x Far_LoA	-7,31231888	0,149	0,299
CHR6	4592868	CHR6:4592868	SSF x Far_LoA	-9,20051009	0,106	0,314
CHR6	4592926	CHR6:4592926	SSF x Far_LoA	-10,880976	0,039	0,308
CHR6	4592933	CHR6:4592933	SSF x Far_LoA	-9,73256079	-0,037	0,302
CHR6	4592935	CHR6:4592935	SSF x Far_LoA	-5,94396102	0,207	0,301
CHR6	4592937	CHR6:4592937	SSF x Far_LoA	-6,55143958	-0,169	0,290
CHR6	4592940	CHR6:4592940	SSF x Far_LoA	-10,0145308	0,003	0,296
CHR6	4597356	CHR6:4597356	SSF x Far_LoA	-10,1212987	0,040	0,297
CHR6	459944	CHR6:459944	SSF x Far_LoA	-7,3202273	-0,061	0,313
CHR6	459949	CHR6:459949	SSF x Far_LoA	-10,4576981	-0,028	0,312
CHR6	459982	CHR6:459982	SSF x Far_LoA	-10,337077	-0,026	0,320
CHR6	4609987	CHR6:4609987	SSF x Far_LoA	-10,318774	-0,048	0,314
CHR6	4610207	CHR6:4610207	SSF x Far_LoA	-11,6274528	0,072	0,306
CHR6	461816	CHR6:461816	SSF x Far_LoA	-7,54201273	-0,053	0,324
CHR6	4629977	CHR6:4629977	SSF x Far_LoA	-11,3264801	-0,082	0,309

CHR6	4633553	CHR6:4633553	SSF x Far_LoA	-9,71237828	0,042	0,294
CHR6	4633595	CHR6:4633595	SSF x Far_LoA	-8,17699773	-0,121	0,307
CHR6	4633766	CHR6:4633766	SSF x Far_LoA	-7,23587781	-0,013	0,318
CHR6	4633786	CHR6:4633786	SSF x Far_LoA	-10,7954948	0,015	0,309
CHR6	4633825	CHR6:4633825	SSF x Far_LoA	-10,4431435	0,038	0,308
CHR6	4636297	CHR6:4636297	SSF x Far_LoA	-10,4792347	0,115	0,296
CHR6	4638236	CHR6:4638236	SSF x Far_LoA	-11,3686648	-0,004	0,296
CHR6	4643167	CHR6:4643167	SSF x Far_LoA	-11,7120419	0,003	0,297
CHR6	4643314	CHR6:4643314	SSF x Far_LoA	-10,1550233	0,035	0,300
CHR6	4650187	CHR6:4650187	SSF x Far_LoA	-8,33633798	-0,081	0,302
CHR6	4657174	CHR6:4657174	SSF x Far_LoA	-9,13571437	-0,075	0,291
CHR6	4667160	CHR6:4667160	SSF x Far_LoA	-8,61573675	0,076	0,308
CHR6	4673202	CHR6:4673202	SSF x Far_LoA	-7,69144249	-0,054	0,311
CHR6	4677135	CHR6:4677135	SSF x Far_LoA	-8,38984253	0,027	0,307
CHR6	4677220	CHR6:4677220	SSF x Far_LoA	-9,43630108	-0,050	0,306
CHR6	468398	CHR6:468398	SSF x Far_LoA	-9,33129861	0,102	0,301
CHR6	4688736	CHR6:4688736	SSF x Far_LoA	-8,97748109	-0,093	0,294
CHR6	4688831	CHR6:4688831	SSF x Far_LoA	-9,05834752	-0,034	0,313
CHR6	4697326	CHR6:4697326	SSF x Far_LoA	-9,03439178	-0,064	0,297
CHR6	4697539	CHR6:4697539	SSF x Far_LoA	-7,23881593	0,117	0,310
CHR6	4700541	CHR6:4700541	SSF x Far_LoA	-2,5948839	-0,167	0,294
CHR6	4700609	CHR6:4700609	SSF x Far_LoA	-11,2371352	-0,042	0,313
CHR6	4700618	CHR6:4700618	SSF x Far_LoA	-9,56431765	-0,031	0,310
CHR6	4700763	CHR6:4700763	SSF x Far_LoA	-8,26825721	-0,092	0,298
CHR6	4702375	CHR6:4702375	SSF x Far_LoA	-7,01931106	0,147	0,303
CHR6	4706656	CHR6:4706656	SSF x Far_LoA	-7,841064	-0,018	0,301
CHR6	4713200	CHR6:4713200	SSF x Far_LoA	-8,50579126	-0,017	0,313
CHR6	4713247	CHR6:4713247	SSF x Far_LoA	-8,94541037	0,007	0,307
CHR6	4713304	CHR6:4713304	SSF x Far_LoA	-10,1857586	-0,088	0,322
CHR6	4713350	CHR6:4713350	SSF x Far_LoA	-8,70688104	-0,027	0,310
CHR6	4713533	CHR6:4713533	SSF x Far_LoA	-7,77563182	0,172	0,287
CHR6	4714876	CHR6:4714876	SSF x Far_LoA	-7,93570323	0,002	0,301
CHR6	4714915	CHR6:4714915	SSF x Far_LoA	-6,96509383	0,106	0,287
CHR6	4714927	CHR6:4714927	SSF x Far_LoA	-6,04211784	-0,109	0,312
CHR6	4714950	CHR6:4714950	SSF x Far_LoA	-6,93263209	0,111	0,297
CHR6	4714998	CHR6:4714998	SSF x Far_LoA	-10,3049379	0,051	0,297
CHR6	4715002	CHR6:4715002	SSF x Far_LoA	-8,9984653	0,058	0,317
CHR6	4715007	CHR6:4715007	SSF x Far_LoA	-8,80346953	0,051	0,297
CHR6	4715019	CHR6:4715019	SSF x Far_LoA	-9,7974669	-0,052	0,302
CHR6	4715102	CHR6:4715102	SSF x Far_LoA	-8,30927494	-0,101	0,315
CHR6	4718812	CHR6:4718812	SSF x Far_LoA	-9,64541577	-0,026	0,308
CHR6	4718856	CHR6:4718856	SSF x Far_LoA	-9,33403153	0,075	0,300
CHR6	4741248	CHR6:4741248	SSF x Far_LoA	-9,97433121	0,104	0,299
CHR6	4741289	CHR6:4741289	SSF x Far_LoA	-9,65872765	0,016	0,289
CHR6	4753625	CHR6:4753625	SSF x Far_LoA	-10,4310383	0,034	0,301
CHR6	4753643	CHR6:4753643	SSF x Far_LoA	-8,49402378	-0,087	0,300
CHR6	4761519	CHR6:4761519	SSF x Far_LoA	-7,76699896	-0,047	0,304
CHR6	4761711	CHR6:4761711	SSF x Far_LoA	-10,0831873	0,043	0,303
CHR6	4770220	CHR6:4770220	SSF x Far_LoA	-11,7863823	0,007	0,302
CHR6	4770357	CHR6:4770357	SSF x Far_LoA	-10,7166216	0,036	0,305
CHR6	4770394	CHR6:4770394	SSF x Far_LoA	-7,43313574	0,148	0,299
CHR6	4772312	CHR6:4772312	SSF x Far_LoA	-7,20821499	0,099	0,311
CHR6	4775363	CHR6:4775363	SSF x Far_LoA	-10,2684048	-0,042	0,294

CHR6	4777070	CHR6:4777070	SSF x Far_LoA	-7,77307252	0,130	0,295
CHR6	478598	CHR6:478598	SSF x Far_LoA	-9,50844032	0,039	0,301
CHR6	4792203	CHR6:4792203	SSF x Far_LoA	-6,53491687	-0,107	0,317
CHR6	4792253	CHR6:4792253	SSF x Far_LoA	-11,1827354	-0,005	0,310
CHR6	4792309	CHR6:4792309	SSF x Far_LoA	-10,7010054	-0,141	0,290
CHR6	4800292	CHR6:4800292	SSF x Far_LoA	-5,61004321	0,146	0,311
CHR6	4800426	CHR6:4800426	SSF x Far_LoA	-11,1035159	0,027	0,303
CHR6	4817166	CHR6:4817166	SSF x Far_LoA	-11,592875	-0,024	0,309
CHR6	4820684	CHR6:4820684	SSF x Far_LoA	-9,75200502	0,005	0,305
CHR6	4823407	CHR6:4823407	SSF x Far_LoA	-11,7974744	0,039	0,316
CHR6	4825577	CHR6:4825577	SSF x Far_LoA	-9,53957467	-0,071	0,307
CHR6	4825664	CHR6:4825664	SSF x Far_LoA	-7,31192685	0,021	0,298
CHR6	4825726	CHR6:4825726	SSF x Far_LoA	-10,9023394	-0,063	0,309
CHR6	4825747	CHR6:4825747	SSF x Far_LoA	-11,0556149	0,005	0,292
CHR6	4830128	CHR6:4830128	SSF x Far_LoA	-8,93614796	-0,046	0,306
CHR6	4830129	CHR6:4830129	SSF x Far_LoA	-11,4221844	0,026	0,288
CHR6	4830133	CHR6:4830133	SSF x Far_LoA	-11,2099225	0,036	0,300
CHR6	4830157	CHR6:4830157	SSF x Far_LoA	-8,84371222	-0,126	0,309
CHR6	4830161	CHR6:4830161	SSF x Far_LoA	-11,5351971	0,037	0,320
CHR6	4830187	CHR6:4830187	SSF x Far_LoA	-11,9975521	-0,027	0,299
CHR6	4837256	CHR6:4837256	SSF x Far_LoA	-5,60175559	-0,091	0,294
CHR6	4837384	CHR6:4837384	SSF x Far_LoA	-9,09049301	0,074	0,310
CHR6	4837395	CHR6:4837395	SSF x Far_LoA	-8,34938399	0,134	0,307
CHR6	4837405	CHR6:4837405	SSF x Far_LoA	-2,08474962	0,042	0,312
CHR6	4837414	CHR6:4837414	SSF x Far_LoA	-8,48926001	-0,089	0,316
CHR6	4837420	CHR6:4837420	SSF x Far_LoA	-9,04076214	-0,061	0,294
CHR6	4837427	CHR6:4837427	SSF x Far_LoA	-7,50434029	-0,083	0,303
CHR6	4837432	CHR6:4837432	SSF x Far_LoA	-8,26616848	0,053	0,298
CHR6	4837467	CHR6:4837467	SSF x Far_LoA	-7,94558361	0,046	0,301
CHR6	4839113	CHR6:4839113	SSF x Far_LoA	-10,153516	0,110	0,317
CHR6	4843507	CHR6:4843507	SSF x Far_LoA	-10,3658214	0,024	0,312
CHR6	4843541	CHR6:4843541	SSF x Far_LoA	-6,87835342	-0,069	0,314
CHR6	4843543	CHR6:4843543	SSF x Far_LoA	-8,64524178	-0,100	0,323
CHR6	4843737	CHR6:4843737	SSF x Far_LoA	-8,12397101	0,140	0,299
CHR6	4902066	CHR6:4902066	SSF x Far_LoA	-6,86226551	0,170	0,289
CHR6	4905349	CHR6:4905349	SSF x Far_LoA	-8,54039971	-0,125	0,313
CHR6	4906715	CHR6:4906715	SSF x Far_LoA	-7,66827575	0,016	0,304
CHR6	4906843	CHR6:4906843	SSF x Far_LoA	-8,89836374	-0,143	0,308
CHR6	4914705	CHR6:4914705	SSF x Far_LoA	-3,4797608	0,153	0,305
CHR6	4916177	CHR6:4916177	SSF x Far_LoA	-12,2206066	0,019	0,299
CHR6	4916181	CHR6:4916181	SSF x Far_LoA	-9,46496013	-0,050	0,302
CHR6	4916187	CHR6:4916187	SSF x Far_LoA	-10,3892968	-0,002	0,316
CHR6	4932324	CHR6:4932324	SSF x Far_LoA	-8,59391467	-0,050	0,307
CHR6	4932347	CHR6:4932347	SSF x Far_LoA	-8,89246643	0,151	0,305
CHR6	4932428	CHR6:4932428	SSF x Far_LoA	-7,98521513	-0,096	0,319
CHR6	4932436	CHR6:4932436	SSF x Far_LoA	-5,51158139	0,099	0,303
CHR6	4941156	CHR6:4941156	SSF x Far_LoA	-8,04132626	0,126	0,302
CHR6	4941158	CHR6:4941158	SSF x Far_LoA	-5,97194781	-0,171	0,298
CHR6	4941232	CHR6:4941232	SSF x Far_LoA	-10,0957241	-0,088	0,297
CHR6	4941303	CHR6:4941303	SSF x Far_LoA	-8,90198934	0,022	0,309
CHR6	4949055	CHR6:4949055	SSF x Far_LoA	-10,786381	0,100	0,309
CHR6	4949062	CHR6:4949062	SSF x Far_LoA	-9,02552471	0,001	0,311
CHR6	4949063	CHR6:4949063	SSF x Far_LoA	-9,19120639	0,054	0,295

CHR6	4949089	CHR6:4949089	SSF x Far_LoA	-9,90972536	0,138	0,299
CHR6	4949273	CHR6:4949273	SSF x Far_LoA	-10,8345193	0,031	0,309
CHR6	4949306	CHR6:4949306	SSF x Far_LoA	-7,31362963	0,088	0,303
CHR6	4949312	CHR6:4949312	SSF x Far_LoA	-9,28973406	-0,086	0,295
CHR6	4949348	CHR6:4949348	SSF x Far_LoA	-9,424574	-0,007	0,309
CHR6	4956212	CHR6:4956212	SSF x Far_LoA	-8,56931123	0,048	0,296
CHR6	4956277	CHR6:4956277	SSF x Far_LoA	0,34949329	0,145	0,293
CHR6	4956283	CHR6:4956283	SSF x Far_LoA	-6,82651999	0,093	0,298
CHR6	4956293	CHR6:4956293	SSF x Far_LoA	-8,84328017	0,106	0,281
CHR6	4963492	CHR6:4963492	SSF x Far_LoA	-6,24342731	-0,112	0,314
CHR6	4963651	CHR6:4963651	SSF x Far_LoA	-10,4883191	-0,044	0,309
CHR6	4963672	CHR6:4963672	SSF x Far_LoA	-10,6386855	-0,044	0,289
CHR6	4963855	CHR6:4963855	SSF x Far_LoA	-5,14562001	-0,058	0,317
CHR6	4963857	CHR6:4963857	SSF x Far_LoA	-9,50410482	-0,064	0,312
CHR6	4975656	CHR6:4975656	SSF x Far_LoA	-11,6805361	-0,091	0,301
CHR6	4975839	CHR6:4975839	SSF x Far_LoA	-9,00904783	0,049	0,316
CHR6	4975904	CHR6:4975904	SSF x Far_LoA	-8,47967125	0,057	0,319
CHR6	4982484	CHR6:4982484	SSF x Far_LoA	-8,80850989	-0,057	0,306
CHR6	4982517	CHR6:4982517	SSF x Far_LoA	-12,1066041	-0,029	0,305
CHR6	4982520	CHR6:4982520	SSF x Far_LoA	-10,5686678	-0,050	0,300
CHR6	4982567	CHR6:4982567	SSF x Far_LoA	-9,7416877	-0,041	0,315
CHR6	4982569	CHR6:4982569	SSF x Far_LoA	-11,6329249	0,001	0,309
CHR6	4982572	CHR6:4982572	SSF x Far_LoA	-11,6416368	-0,006	0,303
CHR6	4982858	CHR6:4982858	SSF x Far_LoA	-8,97783703	-0,037	0,302
CHR6	4990447	CHR6:4990447	SSF x Far_LoA	-9,13273817	0,051	0,310
CHR6	4990451	CHR6:4990451	SSF x Far_LoA	-9,16267118	0,008	0,302
CHR6	4990498	CHR6:4990498	SSF x Far_LoA	-10,9587643	-0,081	0,307
CHR6	4990499	CHR6:4990499	SSF x Far_LoA	-9,89483269	-0,077	0,315
CHR6	4991909	CHR6:4991909	SSF x Far_LoA	-4,00489519	-0,201	0,306
CHR6	4991922	CHR6:4991922	SSF x Far_LoA	-6,04448198	-0,132	0,308
CHR6	4991957	CHR6:4991957	SSF x Far_LoA	-9,91818989	0,030	0,309
CHR6	4995417	CHR6:4995417	SSF x Far_LoA	-10,086521	-0,008	0,317
CHR6	4995430	CHR6:4995430	SSF x Far_LoA	-9,98703505	0,098	0,297
CHR6	4995475	CHR6:4995475	SSF x Far_LoA	-11,197854	-0,005	0,315
CHR6	4995486	CHR6:4995486	SSF x Far_LoA	-11,1823398	-0,006	0,317
CHR6	4995488	CHR6:4995488	SSF x Far_LoA	-6,31927214	0,099	0,293
CHR6	4996630	CHR6:4996630	SSF x Far_LoA	-7,67130111	0,009	0,315
CHR6	4996633	CHR6:4996633	SSF x Far_LoA	-11,0852246	0,077	0,309
CHR6	4996961	CHR6:4996961	SSF x Far_LoA	-11,0385605	-0,069	0,307
CHR6	500221	CHR6:500221	SSF x Far_LoA	-10,8309879	0,076	0,292
CHR6	5008311	CHR6:5008311	SSF x Far_LoA	-7,19108298	-0,008	0,317
CHR6	5008473	CHR6:5008473	SSF x Far_LoA	-8,62157323	0,056	0,302
CHR6	5008492	CHR6:5008492	SSF x Far_LoA	-9,65006292	-0,119	0,310
CHR6	5008568	CHR6:5008568	SSF x Far_LoA	-8,88452481	-0,072	0,309
CHR6	5012219	CHR6:5012219	SSF x Far_LoA	-9,64643057	-0,153	0,309
CHR6	5012226	CHR6:5012226	SSF x Far_LoA	-5,96504627	-0,155	0,295
CHR6	5012239	CHR6:5012239	SSF x Far_LoA	-8,43083176	0,104	0,313
CHR6	5012277	CHR6:5012277	SSF x Far_LoA	-8,16301432	0,098	0,302
CHR6	5012281	CHR6:5012281	SSF x Far_LoA	-7,03679045	-0,047	0,306
CHR6	5012371	CHR6:5012371	SSF x Far_LoA	-9,01233919	0,081	0,314
CHR6	5012373	CHR6:5012373	SSF x Far_LoA	-11,324825	0,006	0,303
CHR6	5012488	CHR6:5012488	SSF x Far_LoA	-7,59142093	0,059	0,311
CHR6	5020832	CHR6:5020832	SSF x Far_LoA	-10,9214413	-0,101	0,299

CHR6	5028456	CHR6:5028456	SSF x Far_LoA	-10,8814901	0,059	0,300
CHR6	5028509	CHR6:5028509	SSF x Far_LoA	-9,71099936	-0,096	0,307
CHR6	5028664	CHR6:5028664	SSF x Far_LoA	-2,74591941	-0,112	0,316
CHR6	5028700	CHR6:5028700	SSF x Far_LoA	-5,38877968	0,203	0,297
CHR6	5032467	CHR6:5032467	SSF x Far_LoA	-11,3508735	-0,032	0,314
CHR6	5033054	CHR6:5033054	SSF x Far_LoA	-9,27667812	-0,093	0,313
CHR6	5033080	CHR6:5033080	SSF x Far_LoA	-6,41784331	0,077	0,315
CHR6	5033095	CHR6:5033095	SSF x Far_LoA	3,76343967	-0,141	0,302
CHR6	5033110	CHR6:5033110	SSF x Far_LoA	-9,91883724	-0,061	0,318
CHR6	5033122	CHR6:5033122	SSF x Far_LoA	-11,1974163	-0,076	0,305
CHR6	5035458	CHR6:5035458	SSF x Far_LoA	-9,16411662	-0,144	0,283
CHR6	5035468	CHR6:5035468	SSF x Far_LoA	-5,59810161	-0,107	0,300
CHR6	5035519	CHR6:5035519	SSF x Far_LoA	-10,6400105	0,070	0,304
CHR6	5035570	CHR6:5035570	SSF x Far_LoA	-9,92040134	-0,070	0,306
CHR6	5035571	CHR6:5035571	SSF x Far_LoA	-5,2540434	-0,109	0,307
CHR6	5035615	CHR6:5035615	SSF x Far_LoA	-10,12694	-0,016	0,319
CHR6	5038490	CHR6:5038490	SSF x Far_LoA	-9,70594866	0,079	0,301
CHR6	5043187	CHR6:5043187	SSF x Far_LoA	-7,75428664	0,013	0,304
CHR6	504723	CHR6:504723	SSF x Far_LoA	-10,6476131	-0,011	0,317
CHR6	5049145	CHR6:5049145	SSF x Far_LoA	-8,9360525	-0,041	0,303
CHR6	5049170	CHR6:5049170	SSF x Far_LoA	-7,82151645	0,001	0,310
CHR6	5049171	CHR6:5049171	SSF x Far_LoA	-9,94537255	-0,101	0,308
CHR6	5049255	CHR6:5049255	SSF x Far_LoA	-7,35558214	0,019	0,290
CHR6	5064531	CHR6:5064531	SSF x Far_LoA	-9,46421334	0,118	0,295
CHR6	5064566	CHR6:5064566	SSF x Far_LoA	-9,91320468	-0,153	0,290
CHR6	5064584	CHR6:5064584	SSF x Far_LoA	-9,15596473	0,050	0,315
CHR6	5068062	CHR6:5068062	SSF x Far_LoA	-10,2304491	-0,106	0,301
CHR6	5073544	CHR6:5073544	SSF x Far_LoA	-7,71477856	-0,008	0,314
CHR6	5076917	CHR6:5076917	SSF x Far_LoA	-9,21509683	0,008	0,308
CHR6	5076987	CHR6:5076987	SSF x Far_LoA	-8,23358879	-0,052	0,286
CHR6	5077016	CHR6:5077016	SSF x Far_LoA	-7,57406838	0,222	0,295
CHR6	5077045	CHR6:5077045	SSF x Far_LoA	-5,98392409	0,135	0,286
CHR6	5077097	CHR6:5077097	SSF x Far_LoA	-10,9863271	-0,044	0,305
CHR6	5077116	CHR6:5077116	SSF x Far_LoA	-7,837389	0,161	0,281
CHR6	5080193	CHR6:5080193	SSF x Far_LoA	-8,38856712	-0,068	0,307
CHR6	5080302	CHR6:5080302	SSF x Far_LoA	-10,0278474	-0,117	0,306
CHR6	5083468	CHR6:5083468	SSF x Far_LoA	-9,20698102	0,069	0,304
CHR6	5083485	CHR6:5083485	SSF x Far_LoA	-8,07801783	0,188	0,299
CHR6	5083506	CHR6:5083506	SSF x Far_LoA	-7,38558424	0,077	0,309
CHR6	5083651	CHR6:5083651	SSF x Far_LoA	-11,7582657	0,046	0,302
CHR6	5085237	CHR6:5085237	SSF x Far_LoA	-9,99198756	-0,050	0,299
CHR6	5085279	CHR6:5085279	SSF x Far_LoA	-9,68532069	0,001	0,307
CHR6	5085319	CHR6:5085319	SSF x Far_LoA	-8,40866915	0,193	0,301
CHR6	5085491	CHR6:5085491	SSF x Far_LoA	-10,5947578	-0,052	0,298
CHR6	5092643	CHR6:5092643	SSF x Far_LoA	-8,26990601	0,025	0,314
CHR6	5092683	CHR6:5092683	SSF x Far_LoA	-9,21008376	-0,112	0,298
CHR6	5092708	CHR6:5092708	SSF x Far_LoA	-7,84159292	0,042	0,326
CHR6	5094824	CHR6:5094824	SSF x Far_LoA	-11,3915049	0,007	0,311
CHR6	5094920	CHR6:5094920	SSF x Far_LoA	-11,9971841	-0,032	0,280
CHR6	5094928	CHR6:5094928	SSF x Far_LoA	-10,9110975	0,036	0,317
CHR6	5094951	CHR6:5094951	SSF x Far_LoA	-8,84634026	0,087	0,291
CHR6	5094956	CHR6:5094956	SSF x Far_LoA	-9,69986423	0,011	0,302
CHR6	5103037	CHR6:5103037	SSF x Far_LoA	-8,68395952	-0,018	0,311

CHR6	5103148	CHR6:5103148	SSF x Far_LoA	-6,75512863	-0,103	0,305
CHR6	5108232	CHR6:5108232	SSF x Far_LoA	-9,44275209	-0,104	0,296
CHR6	5108250	CHR6:5108250	SSF x Far_LoA	-9,56758778	-0,006	0,320
CHR6	5109824	CHR6:5109824	SSF x Far_LoA	-9,05230492	-0,079	0,300
CHR6	5111811	CHR6:5111811	SSF x Far_LoA	-9,66483696	0,011	0,300
CHR6	5116418	CHR6:5116418	SSF x Far_LoA	-11,652474	0,016	0,301
CHR6	5116441	CHR6:5116441	SSF x Far_LoA	-11,5634717	0,001	0,313
CHR6	5116445	CHR6:5116445	SSF x Far_LoA	-7,92892783	0,098	0,303
CHR6	5117707	CHR6:5117707	SSF x Far_LoA	-7,8891146	0,081	0,310
CHR6	5119032	CHR6:5119032	SSF x Far_LoA	-10,6329305	-0,044	0,305
CHR6	5125939	CHR6:5125939	SSF x Far_LoA	-10,9741093	0,038	0,305
CHR6	5126053	CHR6:5126053	SSF x Far_LoA	-11,4613155	0,009	0,297
CHR6	5126138	CHR6:5126138	SSF x Far_LoA	-8,91194217	-0,116	0,301
CHR6	5127764	CHR6:5127764	SSF x Far_LoA	-10,3152254	-0,073	0,307
CHR6	5127808	CHR6:5127808	SSF x Far_LoA	-7,71280106	-0,058	0,321
CHR6	5127904	CHR6:5127904	SSF x Far_LoA	-10,8707598	0,026	0,291
CHR6	5127905	CHR6:5127905	SSF x Far_LoA	-10,4834932	0,035	0,304
CHR6	5143438	CHR6:5143438	SSF x Far_LoA	-10,1124285	0,061	0,310
CHR6	5143486	CHR6:5143486	SSF x Far_LoA	-9,27800186	-0,032	0,306
CHR6	5145348	CHR6:5145348	SSF x Far_LoA	-11,7654673	-0,003	0,294
CHR6	5151555	CHR6:5151555	SSF x Far_LoA	-7,5719213	0,136	0,305
CHR6	5163193	CHR6:5163193	SSF x Far_LoA	-10,6062042	0,027	0,313
CHR6	5163213	CHR6:5163213	SSF x Far_LoA	-10,5033982	-0,077	0,301
CHR6	5163255	CHR6:5163255	SSF x Far_LoA	-8,43268125	-0,067	0,307
CHR6	5163258	CHR6:5163258	SSF x Far_LoA	-9,26654382	-0,066	0,316
CHR6	5163285	CHR6:5163285	SSF x Far_LoA	-8,43890918	-0,018	0,312
CHR6	5163292	CHR6:5163292	SSF x Far_LoA	-4,93944524	0,041	0,307
CHR6	5163329	CHR6:5163329	SSF x Far_LoA	-8,84936736	-0,002	0,299
CHR6	5163337	CHR6:5163337	SSF x Far_LoA	-9,72985161	-0,014	0,304
CHR6	5163352	CHR6:5163352	SSF x Far_LoA	-11,1058312	0,057	0,313
CHR6	5163375	CHR6:5163375	SSF x Far_LoA	1,77905517	-0,051	0,305
CHR6	5163385	CHR6:5163385	SSF x Far_LoA	-6,43556151	-0,085	0,305
CHR6	5163403	CHR6:5163403	SSF x Far_LoA	-4,13075916	0,141	0,294
CHR6	5163413	CHR6:5163413	SSF x Far_LoA	-5,38990546	0,002	0,305
CHR6	5163415	CHR6:5163415	SSF x Far_LoA	-10,0799872	-0,034	0,309
CHR6	5163421	CHR6:5163421	SSF x Far_LoA	-10,7309351	-0,063	0,317
CHR6	5184213	CHR6:5184213	SSF x Far_LoA	-8,46516269	-0,124	0,305
CHR6	5184220	CHR6:5184220	SSF x Far_LoA	-11,3334396	0,063	0,305
CHR6	5184225	CHR6:5184225	SSF x Far_LoA	-9,6393069	0,083	0,322
CHR6	5184228	CHR6:5184228	SSF x Far_LoA	-10,6786921	0,089	0,314
CHR6	5192693	CHR6:5192693	SSF x Far_LoA	-7,46094006	-0,098	0,307
CHR6	5194420	CHR6:5194420	SSF x Far_LoA	-11,3427405	-0,018	0,306
CHR6	5194702	CHR6:5194702	SSF x Far_LoA	-9,79548804	-0,046	0,302
CHR6	5194711	CHR6:5194711	SSF x Far_LoA	-10,0383843	-0,032	0,296
CHR6	520188	CHR6:520188	SSF x Far_LoA	-7,90061551	0,171	0,299
CHR6	520195	CHR6:520195	SSF x Far_LoA	-11,4443769	-0,024	0,307
CHR6	5207782	CHR6:5207782	SSF x Far_LoA	-9,73018888	0,059	0,318
CHR6	5207845	CHR6:5207845	SSF x Far_LoA	-11,2699953	0,009	0,303
CHR6	5207929	CHR6:5207929	SSF x Far_LoA	-8,25293924	-0,035	0,317
CHR6	5207952	CHR6:5207952	SSF x Far_LoA	-10,0655416	-0,023	0,318
CHR6	5212652	CHR6:5212652	SSF x Far_LoA	-10,6160875	-0,043	0,306
CHR6	5212899	CHR6:5212899	SSF x Far_LoA	-9,26498532	0,042	0,310
CHR6	5228633	CHR6:5228633	SSF x Far_LoA	-11,0605644	-0,044	0,298

CHR6	5238404	CHR6:5238404	SSF x Far_LoA	-1,25899661	-0,119	0,287
CHR6	5264779	CHR6:5264779	SSF x Far_LoA	-9,79452246	0,029	0,307
CHR6	5286869	CHR6:5286869	SSF x Far_LoA	-10,5005495	-0,039	0,304
CHR6	5286929	CHR6:5286929	SSF x Far_LoA	-6,24605663	0,092	0,303
CHR6	5286952	CHR6:5286952	SSF x Far_LoA	-11,6109553	-0,054	0,312
CHR6	5287047	CHR6:5287047	SSF x Far_LoA	-11,6094176	-0,054	0,312
CHR6	5299122	CHR6:5299122	SSF x Far_LoA	-10,5043651	0,061	0,307
CHR6	5299167	CHR6:5299167	SSF x Far_LoA	-8,05980661	-0,007	0,301
CHR6	5312421	CHR6:5312421	SSF x Far_LoA	-10,9345233	-0,033	0,319
CHR6	5312625	CHR6:5312625	SSF x Far_LoA	-8,99288502	0,079	0,304
CHR6	5334556	CHR6:5334556	SSF x Far_LoA	-8,293439	0,123	0,286
CHR6	5334655	CHR6:5334655	SSF x Far_LoA	-9,92320363	0,025	0,309
CHR6	5347771	CHR6:5347771	SSF x Far_LoA	-10,4980051	0,078	0,294
CHR6	5347812	CHR6:5347812	SSF x Far_LoA	-7,40254231	-0,047	0,312
CHR6	5347823	CHR6:5347823	SSF x Far_LoA	-10,8652922	-0,043	0,310
CHR6	5347827	CHR6:5347827	SSF x Far_LoA	-10,4662016	-0,057	0,297
CHR6	5353673	CHR6:5353673	SSF x Far_LoA	-7,38795619	-0,055	0,306
CHR6	5353738	CHR6:5353738	SSF x Far_LoA	-9,29541365	0,044	0,316
CHR6	5353740	CHR6:5353740	SSF x Far_LoA	-8,14950696	0,093	0,322
CHR6	5353742	CHR6:5353742	SSF x Far_LoA	-8,94109484	0,070	0,313
CHR6	5353747	CHR6:5353747	SSF x Far_LoA	-9,68940768	-0,106	0,309
CHR6	5353753	CHR6:5353753	SSF x Far_LoA	-1,76925185	-0,003	0,328
CHR6	5353773	CHR6:5353773	SSF x Far_LoA	-10,0838574	-0,053	0,312
CHR6	5353775	CHR6:5353775	SSF x Far_LoA	-10,1056695	-0,059	0,309
CHR6	5353795	CHR6:5353795	SSF x Far_LoA	-9,93702746	0,024	0,302
CHR6	5356712	CHR6:5356712	SSF x Far_LoA	-10,3883454	0,009	0,322
CHR6	5363131	CHR6:5363131	SSF x Far_LoA	-8,74014831	-0,049	0,319
CHR6	536615	CHR6:536615	SSF x Far_LoA	-3,41573797	-0,158	0,312
CHR6	536682	CHR6:536682	SSF x Far_LoA	-7,6723101	0,224	0,286
CHR6	5368642	CHR6:5368642	SSF x Far_LoA	-9,71219645	-0,161	0,295
CHR6	5368654	CHR6:5368654	SSF x Far_LoA	-7,30384789	-0,140	0,292
CHR6	5373210	CHR6:5373210	SSF x Far_LoA	-7,83417403	0,057	0,311
CHR6	5373282	CHR6:5373282	SSF x Far_LoA	-10,1047107	0,076	0,297
CHR6	5373360	CHR6:5373360	SSF x Far_LoA	-8,44153155	0,016	0,314
CHR6	5373393	CHR6:5373393	SSF x Far_LoA	-9,66866323	-0,083	0,314
CHR6	5373395	CHR6:5373395	SSF x Far_LoA	-9,0683909	0,048	0,298
CHR6	5373419	CHR6:5373419	SSF x Far_LoA	-9,06147272	0,137	0,294
CHR6	5380089	CHR6:5380089	SSF x Far_LoA	-11,2151617	0,048	0,306
CHR6	5380187	CHR6:5380187	SSF x Far_LoA	-8,9128206	-0,055	0,307
CHR6	5382101	CHR6:5382101	SSF x Far_LoA	-9,92284256	-0,037	0,304
CHR6	5382147	CHR6:5382147	SSF x Far_LoA	-9,28554436	0,027	0,311
CHR6	5382410	CHR6:5382410	SSF x Far_LoA	-3,77079761	0,055	0,307
CHR6	5389585	CHR6:5389585	SSF x Far_LoA	-9,52882021	-0,031	0,312
CHR6	5389685	CHR6:5389685	SSF x Far_LoA	-7,75028236	0,003	0,306
CHR6	5389687	CHR6:5389687	SSF x Far_LoA	-11,732244	0,002	0,309
CHR6	5395493	CHR6:5395493	SSF x Far_LoA	-10,0574983	-0,024	0,301
CHR6	5395514	CHR6:5395514	SSF x Far_LoA	-10,2454249	-0,125	0,273
CHR6	5395575	CHR6:5395575	SSF x Far_LoA	-9,11553801	0,075	0,309
CHR6	5395646	CHR6:5395646	SSF x Far_LoA	-7,13247779	-0,084	0,313
CHR6	5417100	CHR6:5417100	SSF x Far_LoA	-9,9072153	-0,076	0,299
CHR6	5420458	CHR6:5420458	SSF x Far_LoA	-9,26077375	0,023	0,311
CHR6	5420569	CHR6:5420569	SSF x Far_LoA	-11,1132359	0,028	0,301
CHR6	5420597	CHR6:5420597	SSF x Far_LoA	-9,37776704	-0,006	0,326

CHR6	5420628	CHR6:5420628	SSF x Far_LoA	-7,35425051	-0,012	0,320
CHR6	5426877	CHR6:5426877	SSF x Far_LoA	-9,52084337	0,107	0,320
CHR6	5426954	CHR6:5426954	SSF x Far_LoA	-11,5276341	0,084	0,299
CHR6	5427012	CHR6:5427012	SSF x Far_LoA	-7,92058342	0,133	0,308
CHR6	5427046	CHR6:5427046	SSF x Far_LoA	-9,6187833	-0,059	0,313
CHR6	5436243	CHR6:5436243	SSF x Far_LoA	-8,41720099	-0,140	0,306
CHR6	5442637	CHR6:5442637	SSF x Far_LoA	-10,7794136	0,013	0,305
CHR6	5443297	CHR6:5443297	SSF x Far_LoA	-11,8101086	0,035	0,295
CHR6	5449766	CHR6:5449766	SSF x Far_LoA	-9,49136571	-0,048	0,314
CHR6	5449863	CHR6:5449863	SSF x Far_LoA	-6,12840846	-0,081	0,302
CHR6	5449884	CHR6:5449884	SSF x Far_LoA	-9,89744452	-0,028	0,311
CHR6	5457361	CHR6:5457361	SSF x Far_LoA	-10,2175137	-0,035	0,288
CHR6	5457371	CHR6:5457371	SSF x Far_LoA	-9,36851093	-0,062	0,312
CHR6	5457414	CHR6:5457414	SSF x Far_LoA	-12,107701	-0,029	0,291
CHR6	5457441	CHR6:5457441	SSF x Far_LoA	-4,20573009	-0,150	0,311
CHR6	5457446	CHR6:5457446	SSF x Far_LoA	-8,07861527	-0,165	0,307
CHR6	5457503	CHR6:5457503	SSF x Far_LoA	-10,9296669	0,107	0,303
CHR6	5459200	CHR6:5459200	SSF x Far_LoA	-7,48647797	0,042	0,315
CHR6	5461639	CHR6:5461639	SSF x Far_LoA	-9,84426797	0,118	0,308
CHR6	5461694	CHR6:5461694	SSF x Far_LoA	-5,57232851	-0,089	0,309
CHR6	5461750	CHR6:5461750	SSF x Far_LoA	-10,4170501	-0,052	0,313
CHR6	5461751	CHR6:5461751	SSF x Far_LoA	-10,386801	-0,027	0,309
CHR6	5461845	CHR6:5461845	SSF x Far_LoA	-10,6090231	-0,014	0,303
CHR6	5463514	CHR6:5463514	SSF x Far_LoA	-9,31643037	0,016	0,313
CHR6	5463518	CHR6:5463518	SSF x Far_LoA	-10,3677154	0,013	0,310
CHR6	5463561	CHR6:5463561	SSF x Far_LoA	-7,82033793	-0,010	0,318
CHR6	5463567	CHR6:5463567	SSF x Far_LoA	-7,58692847	0,002	0,313
CHR6	5463715	CHR6:5463715	SSF x Far_LoA	-10,1779168	0,004	0,301
CHR6	5496207	CHR6:5496207	SSF x Far_LoA	-8,86510676	-0,080	0,292
CHR6	5496281	CHR6:5496281	SSF x Far_LoA	-9,96137083	-0,123	0,308
CHR6	5496290	CHR6:5496290	SSF x Far_LoA	-9,6655968	-0,036	0,309
CHR6	5496325	CHR6:5496325	SSF x Far_LoA	-8,79578459	-0,026	0,313
CHR6	5496326	CHR6:5496326	SSF x Far_LoA	-7,73086859	0,136	0,300
CHR6	5496455	CHR6:5496455	SSF x Far_LoA	-9,37619624	-0,044	0,287
CHR6	5497548	CHR6:5497548	SSF x Far_LoA	-7,68972652	-0,127	0,302
CHR6	5504663	CHR6:5504663	SSF x Far_LoA	-8,36522753	-0,085	0,320
CHR6	5505364	CHR6:5505364	SSF x Far_LoA	-11,2920549	-0,071	0,292
CHR6	5508659	CHR6:5508659	SSF x Far_LoA	-11,2284229	0,070	0,284
CHR6	5510590	CHR6:5510590	SSF x Far_LoA	-8,68112536	-0,021	0,318
CHR6	5511484	CHR6:5511484	SSF x Far_LoA	-8,7289456	0,077	0,308
CHR6	5515422	CHR6:5515422	SSF x Far_LoA	-11,4502699	-0,045	0,323
CHR6	5515432	CHR6:5515432	SSF x Far_LoA	-8,92152581	0,076	0,316
CHR6	5519442	CHR6:5519442	SSF x Far_LoA	-10,7203574	-0,098	0,316
CHR6	5528071	CHR6:5528071	SSF x Far_LoA	-11,6304721	0,036	0,318
CHR6	5530034	CHR6:5530034	SSF x Far_LoA	-9,91617507	0,066	0,307
CHR6	5530109	CHR6:5530109	SSF x Far_LoA	-10,6040632	-0,054	0,304
CHR6	5530275	CHR6:5530275	SSF x Far_LoA	-10,6224081	-0,023	0,318
CHR6	554196	CHR6:554196	SSF x Far_LoA	-11,2421064	0,021	0,310
CHR6	554200	CHR6:554200	SSF x Far_LoA	-11,6200455	0,062	0,315
CHR6	5543317	CHR6:5543317	SSF x Far_LoA	-7,01437767	0,054	0,310
CHR6	5543329	CHR6:5543329	SSF x Far_LoA	-8,69632402	0,016	0,308
CHR6	5543417	CHR6:5543417	SSF x Far_LoA	-9,08645528	-0,069	0,319
CHR6	5543530	CHR6:5543530	SSF x Far_LoA	-9,74818686	-0,043	0,321

CHR6	5550252	CHR6:5550252	SSF x Far_LoA	-12,1923246	0,027	0,303
CHR6	5550315	CHR6:5550315	SSF x Far_LoA	11,7695632	-0,216	0,297
CHR6	5550354	CHR6:5550354	SSF x Far_LoA	-5,9716019	-0,171	0,298
CHR6	5550494	CHR6:5550494	SSF x Far_LoA	-11,2668507	0,011	0,299
CHR6	5556285	CHR6:5556285	SSF x Far_LoA	-8,232002	-0,006	0,310
CHR6	5558636	CHR6:5558636	SSF x Far_LoA	-10,9773887	-0,087	0,291
CHR6	5561842	CHR6:5561842	SSF x Far_LoA	-6,57574447	0,112	0,316
CHR6	5561916	CHR6:5561916	SSF x Far_LoA	-7,92284844	-0,091	0,302
CHR6	5561925	CHR6:5561925	SSF x Far_LoA	-11,829504	0,022	0,313
CHR6	5562015	CHR6:5562015	SSF x Far_LoA	-8,82010245	0,010	0,299
CHR6	5562018	CHR6:5562018	SSF x Far_LoA	-9,90807311	0,045	0,298
CHR6	5562021	CHR6:5562021	SSF x Far_LoA	1,13857553	0,038	0,329
CHR6	557389	CHR6:557389	SSF x Far_LoA	-10,028016	0,118	0,296
CHR6	5574941	CHR6:5574941	SSF x Far_LoA	-9,59837221	-0,120	0,317
CHR6	5575522	CHR6:5575522	SSF x Far_LoA	-9,31042336	-0,102	0,309
CHR6	5575525	CHR6:5575525	SSF x Far_LoA	-9,98411367	-0,034	0,327
CHR6	5577234	CHR6:5577234	SSF x Far_LoA	-8,66702701	0,031	0,307
CHR6	5577238	CHR6:5577238	SSF x Far_LoA	-6,91876683	-0,147	0,296
CHR6	5581227	CHR6:5581227	SSF x Far_LoA	-5,28437771	-0,118	0,308
CHR6	5581342	CHR6:5581342	SSF x Far_LoA	-12,3433205	0,022	0,296
CHR6	5581473	CHR6:5581473	SSF x Far_LoA	-8,44637704	-0,086	0,308
CHR6	5589112	CHR6:5589112	SSF x Far_LoA	-6,99834276	-0,154	0,304
CHR6	5592700	CHR6:5592700	SSF x Far_LoA	-10,0884457	0,080	0,300
CHR6	5596069	CHR6:5596069	SSF x Far_LoA	-11,7495862	-0,016	0,305
CHR6	5596115	CHR6:5596115	SSF x Far_LoA	-6,92775883	0,154	0,293
CHR6	5599562	CHR6:5599562	SSF x Far_LoA	-8,05177103	-0,060	0,316
CHR6	5599575	CHR6:5599575	SSF x Far_LoA	-9,26059354	0,122	0,297
CHR6	5599652	CHR6:5599652	SSF x Far_LoA	-8,60916912	0,011	0,308
CHR6	5599653	CHR6:5599653	SSF x Far_LoA	-7,89429139	0,010	0,313
CHR6	5601187	CHR6:5601187	SSF x Far_LoA	-7,98217385	0,022	0,317
CHR6	5601218	CHR6:5601218	SSF x Far_LoA	-7,25794371	0,076	0,304
CHR6	5601286	CHR6:5601286	SSF x Far_LoA	-8,2248634	0,047	0,317
CHR6	5608991	CHR6:5608991	SSF x Far_LoA	-10,0346384	-0,062	0,308
CHR6	5609021	CHR6:5609021	SSF x Far_LoA	-9,42363976	-0,028	0,290
CHR6	5609043	CHR6:5609043	SSF x Far_LoA	-10,9754106	0,022	0,305
CHR6	5624501	CHR6:5624501	SSF x Far_LoA	-10,8065262	-0,009	0,306
CHR6	5624521	CHR6:5624521	SSF x Far_LoA	-8,60639581	0,085	0,299
CHR6	5624563	CHR6:5624563	SSF x Far_LoA	-8,28102942	-0,110	0,300
CHR6	5634677	CHR6:5634677	SSF x Far_LoA	-11,0031694	0,092	0,302
CHR6	564789	CHR6:564789	SSF x Far_LoA	-7,32493977	0,120	0,297
CHR6	564798	CHR6:564798	SSF x Far_LoA	-12,3364916	-0,040	0,291
CHR6	564811	CHR6:564811	SSF x Far_LoA	-10,8427501	-0,014	0,304
CHR6	564847	CHR6:564847	SSF x Far_LoA	-9,55965569	0,006	0,293
CHR6	564882	CHR6:564882	SSF x Far_LoA	-7,48304767	0,047	0,287
CHR6	5650330	CHR6:5650330	SSF x Far_LoA	-10,3365083	0,017	0,309
CHR6	5652957	CHR6:5652957	SSF x Far_LoA	-9,50990541	-0,010	0,302
CHR6	5653005	CHR6:5653005	SSF x Far_LoA	-9,99587546	0,010	0,308
CHR6	5667693	CHR6:5667693	SSF x Far_LoA	-10,0622358	-0,026	0,297
CHR6	5667742	CHR6:5667742	SSF x Far_LoA	-9,16979804	0,019	0,304
CHR6	5667799	CHR6:5667799	SSF x Far_LoA	-9,94223041	-0,042	0,301
CHR6	5676964	CHR6:5676964	SSF x Far_LoA	-10,1764934	0,096	0,303
CHR6	5676983	CHR6:5676983	SSF x Far_LoA	-8,25621858	-0,015	0,320
CHR6	5682135	CHR6:5682135	SSF x Far_LoA	-8,89842411	-0,057	0,303

CHR6	5686210	CHR6:5686210	SSF x Far_LoA	-6,96246781	-0,089	0,314
CHR6	5686213	CHR6:5686213	SSF x Far_LoA	-11,1159653	0,034	0,323
CHR6	5686352	CHR6:5686352	SSF x Far_LoA	-8,81881805	-0,118	0,310
CHR6	5686380	CHR6:5686380	SSF x Far_LoA	-9,51249545	-0,112	0,310
CHR6	5686393	CHR6:5686393	SSF x Far_LoA	-8,56503424	-0,076	0,316
CHR6	5686446	CHR6:5686446	SSF x Far_LoA	-8,91260063	-0,127	0,312
CHR6	5691946	CHR6:5691946	SSF x Far_LoA	6,23445438	-0,042	0,302
CHR6	5692016	CHR6:5692016	SSF x Far_LoA	-11,3582318	-0,080	0,299
CHR6	5694101	CHR6:5694101	SSF x Far_LoA	-8,75501165	-0,073	0,304
CHR6	5705106	CHR6:5705106	SSF x Far_LoA	-8,88486511	0,087	0,304
CHR6	5705121	CHR6:5705121	SSF x Far_LoA	-9,83084679	-0,013	0,310
CHR6	5705200	CHR6:5705200	SSF x Far_LoA	-3,43941037	0,023	0,301
CHR6	5705290	CHR6:5705290	SSF x Far_LoA	-9,34968386	-0,104	0,300
CHR6	5714702	CHR6:5714702	SSF x Far_LoA	-5,8765962	-0,113	0,309
CHR6	5721372	CHR6:5721372	SSF x Far_LoA	-11,329752	0,029	0,309
CHR6	5722411	CHR6:5722411	SSF x Far_LoA	-8,15685781	-0,124	0,305
CHR6	5726441	CHR6:5726441	SSF x Far_LoA	-10,7587735	-0,022	0,309
CHR6	5726512	CHR6:5726512	SSF x Far_LoA	-9,46035319	0,025	0,313
CHR6	5739160	CHR6:5739160	SSF x Far_LoA	-10,2482756	-0,101	0,303
CHR6	5739187	CHR6:5739187	SSF x Far_LoA	-10,1292282	-0,086	0,301
CHR6	5740816	CHR6:5740816	SSF x Far_LoA	-9,95819869	0,123	0,289
CHR6	5740840	CHR6:5740840	SSF x Far_LoA	-11,1061851	-0,033	0,318
CHR6	5740870	CHR6:5740870	SSF x Far_LoA	-10,0387764	-0,043	0,316
CHR6	5740982	CHR6:5740982	SSF x Far_LoA	-10,1264965	0,083	0,294
CHR6	5740983	CHR6:5740983	SSF x Far_LoA	-10,4503556	0,089	0,297
CHR6	5740984	CHR6:5740984	SSF x Far_LoA	-10,7629202	0,059	0,312
CHR6	5741013	CHR6:5741013	SSF x Far_LoA	-12,6302112	0,032	0,297
CHR6	5746873	CHR6:5746873	SSF x Far_LoA	-4,96180705	-0,167	0,303
CHR6	5750295	CHR6:5750295	SSF x Far_LoA	-10,3861039	-0,155	0,302
CHR6	5751483	CHR6:5751483	SSF x Far_LoA	-8,57974745	0,014	0,311
CHR6	5751574	CHR6:5751574	SSF x Far_LoA	-10,5381425	-0,069	0,296
CHR6	5751592	CHR6:5751592	SSF x Far_LoA	-10,4915027	0,056	0,315
CHR6	5771297	CHR6:5771297	SSF x Far_LoA	-8,76351477	-0,146	0,299
CHR6	5771453	CHR6:5771453	SSF x Far_LoA	-9,95458064	-0,135	0,297
CHR6	5773196	CHR6:5773196	SSF x Far_LoA	-5,80719264	-0,154	0,301
CHR6	5776023	CHR6:5776023	SSF x Far_LoA	12,9000911	0,054	0,309
CHR6	5776217	CHR6:5776217	SSF x Far_LoA	-5,87542543	-0,007	0,316
CHR6	5776251	CHR6:5776251	SSF x Far_LoA	-7,65145133	-0,043	0,312
CHR6	5780239	CHR6:5780239	SSF x Far_LoA	-9,8931553	0,047	0,298
CHR6	5780364	CHR6:5780364	SSF x Far_LoA	-10,8272105	-0,016	0,313
CHR6	5780458	CHR6:5780458	SSF x Far_LoA	-8,94992562	-0,176	0,293
CHR6	5791988	CHR6:5791988	SSF x Far_LoA	-11,1697773	0,024	0,293
CHR6	5796207	CHR6:5796207	SSF x Far_LoA	-6,51737325	-0,121	0,305
CHR6	5796264	CHR6:5796264	SSF x Far_LoA	-10,2679389	-0,006	0,294
CHR6	5796435	CHR6:5796435	SSF x Far_LoA	-9,73136307	0,131	0,287
CHR6	5805829	CHR6:5805829	SSF x Far_LoA	-8,8620013	0,010	0,308
CHR6	5805871	CHR6:5805871	SSF x Far_LoA	-7,4179605	-0,033	0,312
CHR6	5806149	CHR6:5806149	SSF x Far_LoA	-9,43284602	-0,149	0,308
CHR6	5806221	CHR6:5806221	SSF x Far_LoA	-6,1652065	-0,142	0,299
CHR6	5806229	CHR6:5806229	SSF x Far_LoA	-11,8936992	-0,020	0,294
CHR6	5809479	CHR6:5809479	SSF x Far_LoA	-10,1682474	-0,042	0,313
CHR6	5813366	CHR6:5813366	SSF x Far_LoA	-10,1200296	-0,038	0,306
CHR6	5813405	CHR6:5813405	SSF x Far_LoA	-9,82500942	-0,113	0,298

CHR6	5813448	CHR6:5813448	SSF x Far_LoA	-9,80443267	-0,104	0,299
CHR6	5813478	CHR6:5813478	SSF x Far_LoA	-11,0461091	0,066	0,305
CHR6	5813479	CHR6:5813479	SSF x Far_LoA	-11,3898015	0,085	0,305
CHR6	5819039	CHR6:5819039	SSF x Far_LoA	-9,90409455	0,124	0,298
CHR6	5819108	CHR6:5819108	SSF x Far_LoA	-9,19760156	0,089	0,307
CHR6	5823225	CHR6:5823225	SSF x Far_LoA	-10,9683851	0,117	0,312
CHR6	5823311	CHR6:5823311	SSF x Far_LoA	-9,48996127	0,043	0,293
CHR6	5829299	CHR6:5829299	SSF x Far_LoA	-9,27063613	-0,038	0,305
CHR6	5829420	CHR6:5829420	SSF x Far_LoA	-8,84887825	-0,047	0,318
CHR6	5829431	CHR6:5829431	SSF x Far_LoA	-10,7711846	-0,032	0,296
CHR6	5837357	CHR6:5837357	SSF x Far_LoA	-10,9379653	-0,102	0,308
CHR6	5837371	CHR6:5837371	SSF x Far_LoA	-6,13458201	0,205	0,300
CHR6	5837372	CHR6:5837372	SSF x Far_LoA	-11,3615777	-0,120	0,307
CHR6	5837444	CHR6:5837444	SSF x Far_LoA	-8,67615872	0,019	0,315
CHR6	5837473	CHR6:5837473	SSF x Far_LoA	-7,36393881	-0,132	0,304
CHR6	5840001	CHR6:5840001	SSF x Far_LoA	-10,0099399	0,136	0,299
CHR6	5845510	CHR6:5845510	SSF x Far_LoA	-9,18021225	-0,025	0,305
CHR6	5851255	CHR6:5851255	SSF x Far_LoA	-9,4252246	-0,050	0,304
CHR6	5851262	CHR6:5851262	SSF x Far_LoA	-9,72535622	0,100	0,317
CHR6	5851292	CHR6:5851292	SSF x Far_LoA	-8,798759	-0,092	0,296
CHR6	5851305	CHR6:5851305	SSF x Far_LoA	-9,70917474	-0,013	0,293
CHR6	5851321	CHR6:5851321	SSF x Far_LoA	-8,1211269	0,080	0,296
CHR6	5851322	CHR6:5851322	SSF x Far_LoA	-6,72221668	0,074	0,298
CHR6	5851391	CHR6:5851391	SSF x Far_LoA	-8,6932891	0,011	0,301
CHR6	5851414	CHR6:5851414	SSF x Far_LoA	-5,67314928	-0,095	0,300
CHR6	5863450	CHR6:5863450	SSF x Far_LoA	-11,1681632	0,020	0,307
CHR6	5863452	CHR6:5863452	SSF x Far_LoA	-8,91219678	0,046	0,305
CHR6	5866277	CHR6:5866277	SSF x Far_LoA	-10,3303558	0,001	0,309
CHR6	5866335	CHR6:5866335	SSF x Far_LoA	0,46279341	-0,055	0,304
CHR6	5868413	CHR6:5868413	SSF x Far_LoA	-7,56503929	0,131	0,306
CHR6	5868416	CHR6:5868416	SSF x Far_LoA	-8,70362658	0,073	0,301
CHR6	5871564	CHR6:5871564	SSF x Far_LoA	-9,27514294	0,060	0,306
CHR6	5871616	CHR6:5871616	SSF x Far_LoA	-8,91126122	0,066	0,303
CHR6	5874364	CHR6:5874364	SSF x Far_LoA	-10,7049931	-0,029	0,296
CHR6	5875796	CHR6:5875796	SSF x Far_LoA	-9,19929777	0,028	0,306
CHR6	5884605	CHR6:5884605	SSF x Far_LoA	-8,2835428	-0,019	0,309
CHR6	5885042	CHR6:5885042	SSF x Far_LoA	-8,4782529	0,050	0,301
CHR6	5885056	CHR6:5885056	SSF x Far_LoA	-6,63419759	0,139	0,299
CHR6	5888036	CHR6:5888036	SSF x Far_LoA	-8,23012608	-0,039	0,329
CHR6	5888096	CHR6:5888096	SSF x Far_LoA	-8,49694103	-0,074	0,300
CHR6	5891490	CHR6:5891490	SSF x Far_LoA	-7,48058497	-0,177	0,298
CHR6	5896375	CHR6:5896375	SSF x Far_LoA	-6,03817769	0,086	0,309
CHR6	5896405	CHR6:5896405	SSF x Far_LoA	-11,4733355	0,051	0,318
CHR6	5896495	CHR6:5896495	SSF x Far_LoA	-6,29745513	0,188	0,295
CHR6	5897643	CHR6:5897643	SSF x Far_LoA	-10,6985162	-0,034	0,298
CHR6	5902146	CHR6:5902146	SSF x Far_LoA	-7,51012059	0,133	0,297
CHR6	5902154	CHR6:5902154	SSF x Far_LoA	-9,21067934	0,136	0,295
CHR6	5902231	CHR6:5902231	SSF x Far_LoA	-7,03853691	0,125	0,297
CHR6	5902235	CHR6:5902235	SSF x Far_LoA	-6,45720156	0,128	0,285
CHR6	5902244	CHR6:5902244	SSF x Far_LoA	-7,81374628	-0,153	0,289
CHR6	5902375	CHR6:5902375	SSF x Far_LoA	-6,92390414	-0,058	0,302
CHR6	5904307	CHR6:5904307	SSF x Far_LoA	-10,7178967	-0,007	0,309
CHR6	5904806	CHR6:5904806	SSF x Far_LoA	-8,6046368	-0,032	0,314

CHR6	5904836	CHR6:5904836	SSF x Far_LoA	-7,7895337	0,050	0,291
CHR6	5904863	CHR6:5904863	SSF x Far_LoA	-8,8551902	0,026	0,308
CHR6	5904866	CHR6:5904866	SSF x Far_LoA	-7,09467725	-0,029	0,320
CHR6	5904879	CHR6:5904879	SSF x Far_LoA	-4,99740441	0,108	0,300
CHR6	5915479	CHR6:5915479	SSF x Far_LoA	-9,51755241	-0,079	0,316
CHR6	5915497	CHR6:5915497	SSF x Far_LoA	-8,67093202	-0,049	0,305
CHR6	5915515	CHR6:5915515	SSF x Far_LoA	-3,28412304	-0,099	0,305
CHR6	5915519	CHR6:5915519	SSF x Far_LoA	-8,28810685	-0,039	0,308
CHR6	5915531	CHR6:5915531	SSF x Far_LoA	-10,2434973	-0,016	0,311
CHR6	5915566	CHR6:5915566	SSF x Far_LoA	-10,9287131	0,041	0,303
CHR6	5915727	CHR6:5915727	SSF x Far_LoA	-9,27208738	-0,068	0,310
CHR6	59178	CHR6:59178	SSF x Far_LoA	-5,5334428	0,088	0,298
CHR6	5919770	CHR6:5919770	SSF x Far_LoA	-10,3061929	-0,019	0,299
CHR6	5919860	CHR6:5919860	SSF x Far_LoA	-6,98765523	0,221	0,276
CHR6	5919863	CHR6:5919863	SSF x Far_LoA	-8,48886669	0,105	0,299
CHR6	59199	CHR6:59199	SSF x Far_LoA	-6,80852863	-0,093	0,308
CHR6	5920629	CHR6:5920629	SSF x Far_LoA	-6,67483786	-0,053	0,315
CHR6	5920676	CHR6:5920676	SSF x Far_LoA	-9,28639376	-0,072	0,316
CHR6	592223	CHR6:592223	SSF x Far_LoA	-10,2669768	0,057	0,305
CHR6	5922533	CHR6:5922533	SSF x Far_LoA	-8,54350107	0,031	0,313
CHR6	592427	CHR6:592427	SSF x Far_LoA	-10,1621897	-0,072	0,317
CHR6	592442	CHR6:592442	SSF x Far_LoA	-10,4708653	0,065	0,303
CHR6	592493	CHR6:592493	SSF x Far_LoA	-10,7129815	0,029	0,297
CHR6	59265	CHR6:59265	SSF x Far_LoA	-8,7121515	0,073	0,315
CHR6	5932576	CHR6:5932576	SSF x Far_LoA	-11,4282265	-0,100	0,314
CHR6	5932594	CHR6:5932594	SSF x Far_LoA	-9,80136028	-0,003	0,309
CHR6	5932710	CHR6:5932710	SSF x Far_LoA	-9,97255358	0,018	0,307
CHR6	5935567	CHR6:5935567	SSF x Far_LoA	-10,5919157	-0,053	0,308
CHR6	5935596	CHR6:5935596	SSF x Far_LoA	-9,38368711	0,042	0,312
CHR6	5935635	CHR6:5935635	SSF x Far_LoA	-10,9194113	0,015	0,310
CHR6	5935667	CHR6:5935667	SSF x Far_LoA	-9,4719377	0,042	0,296
CHR6	5936612	CHR6:5936612	SSF x Far_LoA	-11,4123571	0,009	0,306
CHR6	5936613	CHR6:5936613	SSF x Far_LoA	-10,6971738	0,005	0,315
CHR6	5937771	CHR6:5937771	SSF x Far_LoA	-8,18323758	0,106	0,312
CHR6	5937861	CHR6:5937861	SSF x Far_LoA	-8,9469556	-0,034	0,299
CHR6	59383	CHR6:59383	SSF x Far_LoA	-10,1922477	-0,034	0,319
CHR6	5948418	CHR6:5948418	SSF x Far_LoA	-9,07070425	0,017	0,318
CHR6	5948444	CHR6:5948444	SSF x Far_LoA	-7,15373399	0,104	0,314
CHR6	5948451	CHR6:5948451	SSF x Far_LoA	-3,8412462	-0,140	0,310
CHR6	5948599	CHR6:5948599	SSF x Far_LoA	-8,41341395	0,085	0,313
CHR6	5948670	CHR6:5948670	SSF x Far_LoA	-8,51261699	0,016	0,316
CHR6	5948675	CHR6:5948675	SSF x Far_LoA	-11,9574097	-0,046	0,305
CHR6	5948677	CHR6:5948677	SSF x Far_LoA	-6,70049254	-0,048	0,308
CHR6	5948688	CHR6:5948688	SSF x Far_LoA	-5,74417634	-0,023	0,326
CHR6	5953092	CHR6:5953092	SSF x Far_LoA	-9,65332102	0,058	0,308
CHR6	5956505	CHR6:5956505	SSF x Far_LoA	-11,2063461	-0,061	0,314
CHR6	5956720	CHR6:5956720	SSF x Far_LoA	-8,84457295	-0,088	0,305
CHR6	5959258	CHR6:5959258	SSF x Far_LoA	-7,21443275	-0,113	0,300
CHR6	5959260	CHR6:5959260	SSF x Far_LoA	-9,38030479	-0,113	0,295
CHR6	5959268	CHR6:5959268	SSF x Far_LoA	-8,86343434	-0,036	0,306
CHR6	5959270	CHR6:5959270	SSF x Far_LoA	-8,35220463	-0,125	0,299
CHR6	5959472	CHR6:5959472	SSF x Far_LoA	-9,19016839	-0,049	0,309
CHR6	5979671	CHR6:5979671	SSF x Far_LoA	-10,5927139	-0,141	0,313

CHR6	5980845	CHR6:5980845	SSF x Far_LoA	-3,24272051	-0,104	0,306
CHR6	5983778	CHR6:5983778	SSF x Far_LoA	-8,49666755	-0,100	0,303
CHR6	5983793	CHR6:5983793	SSF x Far_LoA	-8,70198243	-0,040	0,304
CHR6	5986227	CHR6:5986227	SSF x Far_LoA	-8,00517013	0,037	0,305
CHR6	5986386	CHR6:5986386	SSF x Far_LoA	-8,60766495	0,112	0,305
CHR6	5998667	CHR6:5998667	SSF x Far_LoA	-8,23228393	-0,058	0,322
CHR6	5998669	CHR6:5998669	SSF x Far_LoA	-11,1053708	0,002	0,305
CHR6	5998677	CHR6:5998677	SSF x Far_LoA	-5,66160822	0,173	0,307
CHR6	5998683	CHR6:5998683	SSF x Far_LoA	-9,33336773	0,017	0,314
CHR6	5998686	CHR6:5998686	SSF x Far_LoA	-10,0151074	0,029	0,305
CHR6	5998702	CHR6:5998702	SSF x Far_LoA	-12,0471124	0,011	0,310
CHR6	5998707	CHR6:5998707	SSF x Far_LoA	-9,73676569	0,038	0,288
CHR6	5998736	CHR6:5998736	SSF x Far_LoA	-8,94201041	0,199	0,295
CHR6	5998769	CHR6:5998769	SSF x Far_LoA	-11,7836449	-0,026	0,297
CHR6	6003124	CHR6:6003124	SSF x Far_LoA	-7,9358365	-0,086	0,298
CHR6	6005351	CHR6:6005351	SSF x Far_LoA	-8,33911238	0,117	0,300
CHR6	6008918	CHR6:6008918	SSF x Far_LoA	-9,73756763	0,004	0,313
CHR6	6008926	CHR6:6008926	SSF x Far_LoA	-9,96921413	-0,054	0,302
CHR6	6009050	CHR6:6009050	SSF x Far_LoA	-8,61341819	0,183	0,293
CHR6	6009093	CHR6:6009093	SSF x Far_LoA	-9,38443227	-0,017	0,313
CHR6	6009097	CHR6:6009097	SSF x Far_LoA	-9,08096484	-0,009	0,306
CHR6	6009101	CHR6:6009101	SSF x Far_LoA	-9,37309054	0,144	0,297
CHR6	6018174	CHR6:6018174	SSF x Far_LoA	-9,33219215	-0,019	0,291
CHR6	6018259	CHR6:6018259	SSF x Far_LoA	-7,98562666	0,041	0,302
CHR6	6018695	CHR6:6018695	SSF x Far_LoA	-10,4499526	-0,034	0,302
CHR6	6027818	CHR6:6027818	SSF x Far_LoA	-9,6194954	0,076	0,302
CHR6	6035139	CHR6:6035139	SSF x Far_LoA	-2,26283641	-0,250	0,301
CHR6	6040291	CHR6:6040291	SSF x Far_LoA	-9,30009324	0,043	0,321
CHR6	6040302	CHR6:6040302	SSF x Far_LoA	-4,51107162	0,021	0,312
CHR6	6045140	CHR6:6045140	SSF x Far_LoA	-8,959741	-0,020	0,309
CHR6	6045803	CHR6:6045803	SSF x Far_LoA	-9,32869479	-0,034	0,302
CHR6	6045845	CHR6:6045845	SSF x Far_LoA	-7,52181884	-0,096	0,310
CHR6	6045890	CHR6:6045890	SSF x Far_LoA	-10,8557775	-0,031	0,294
CHR6	6045913	CHR6:6045913	SSF x Far_LoA	-7,76393233	-0,075	0,311
CHR6	6049904	CHR6:6049904	SSF x Far_LoA	-8,44886046	-0,074	0,306
CHR6	6050014	CHR6:6050014	SSF x Far_LoA	-8,91757636	0,119	0,284
CHR6	6050231	CHR6:6050231	SSF x Far_LoA	-9,55365425	-0,005	0,306
CHR6	6057133	CHR6:6057133	SSF x Far_LoA	-6,93486798	-0,152	0,303
CHR6	6057134	CHR6:6057134	SSF x Far_LoA	-7,52950507	-0,148	0,289
CHR6	6059182	CHR6:6059182	SSF x Far_LoA	-8,34262261	-0,067	0,309
CHR6	6064473	CHR6:6064473	SSF x Far_LoA	-9,48602069	-0,065	0,305
CHR6	6064487	CHR6:6064487	SSF x Far_LoA	-9,34342955	-0,073	0,301
CHR6	6064515	CHR6:6064515	SSF x Far_LoA	-9,42073746	0,044	0,303
CHR6	6066589	CHR6:6066589	SSF x Far_LoA	-9,97631744	0,054	0,320
CHR6	6068439	CHR6:6068439	SSF x Far_LoA	-7,84933514	0,158	0,304
CHR6	6071434	CHR6:6071434	SSF x Far_LoA	-9,2806458	0,046	0,304
CHR6	6079587	CHR6:6079587	SSF x Far_LoA	-11,450592	0,072	0,302
CHR6	6086397	CHR6:6086397	SSF x Far_LoA	-8,47695375	-0,154	0,320
CHR6	6092311	CHR6:6092311	SSF x Far_LoA	-9,20261034	0,057	0,295
CHR6	6092380	CHR6:6092380	SSF x Far_LoA	-8,67782643	0,041	0,301
CHR6	6092386	CHR6:6092386	SSF x Far_LoA	-11,453786	-0,016	0,297
CHR6	6098734	CHR6:6098734	SSF x Far_LoA	-8,34481267	0,139	0,308
CHR6	6103150	CHR6:6103150	SSF x Far_LoA	-10,9616273	0,044	0,320

CHR6	6103191	CHR6:6103191	SSF x Far_LoA	-8,51359445	-0,047	0,309
CHR6	611873	CHR6:611873	SSF x Far_LoA	-11,5442159	0,034	0,319
CHR6	6127818	CHR6:6127818	SSF x Far_LoA	-9,53409899	0,126	0,307
CHR6	6127868	CHR6:6127868	SSF x Far_LoA	-8,51331151	-0,168	0,290
CHR6	6127987	CHR6:6127987	SSF x Far_LoA	-4,54762443	-0,048	0,306
CHR6	6128668	CHR6:6128668	SSF x Far_LoA	-8,24725873	-0,033	0,296
CHR6	6128715	CHR6:6128715	SSF x Far_LoA	-3,19127788	0,046	0,305
CHR6	6128736	CHR6:6128736	SSF x Far_LoA	-1,69690079	0,107	0,302
CHR6	6133911	CHR6:6133911	SSF x Far_LoA	-7,82704212	0,032	0,301
CHR6	6133940	CHR6:6133940	SSF x Far_LoA	-11,8387078	0,054	0,288
CHR6	6137715	CHR6:6137715	SSF x Far_LoA	-7,19279592	-0,046	0,305
CHR6	6137724	CHR6:6137724	SSF x Far_LoA	-8,27776371	-0,098	0,305
CHR6	6137745	CHR6:6137745	SSF x Far_LoA	-9,07465137	-0,005	0,302
CHR6	6137746	CHR6:6137746	SSF x Far_LoA	-9,3552258	-0,014	0,304
CHR6	6138997	CHR6:6138997	SSF x Far_LoA	-9,21956432	-0,031	0,308
CHR6	6139005	CHR6:6139005	SSF x Far_LoA	-8,37815286	-0,001	0,314
CHR6	6139048	CHR6:6139048	SSF x Far_LoA	-9,21125184	-0,054	0,309
CHR6	6143181	CHR6:6143181	SSF x Far_LoA	-10,983021	0,153	0,298
CHR6	6143310	CHR6:6143310	SSF x Far_LoA	-4,08269836	-0,025	0,312
CHR6	6159806	CHR6:6159806	SSF x Far_LoA	-10,0994613	0,056	0,298
CHR6	6161434	CHR6:6161434	SSF x Far_LoA	-9,0371573	-0,017	0,317
CHR6	616715	CHR6:616715	SSF x Far_LoA	-7,84296887	-0,128	0,303
CHR6	6175751	CHR6:6175751	SSF x Far_LoA	-6,34742381	-0,091	0,308
CHR6	6175838	CHR6:6175838	SSF x Far_LoA	-8,98619171	0,054	0,307
CHR6	6175862	CHR6:6175862	SSF x Far_LoA	-8,42830309	0,099	0,309
CHR6	6175891	CHR6:6175891	SSF x Far_LoA	-9,8675514	-0,073	0,297
CHR6	6175897	CHR6:6175897	SSF x Far_LoA	-9,21424829	0,115	0,294
CHR6	6176003	CHR6:6176003	SSF x Far_LoA	-8,93511412	0,111	0,298
CHR6	6182154	CHR6:6182154	SSF x Far_LoA	-9,89713257	-0,010	0,311
CHR6	6182235	CHR6:6182235	SSF x Far_LoA	-9,46228798	0,175	0,299
CHR6	6182346	CHR6:6182346	SSF x Far_LoA	-8,12945052	0,186	0,295
CHR6	6182372	CHR6:6182372	SSF x Far_LoA	-11,0090494	-0,037	0,318
CHR6	6182376	CHR6:6182376	SSF x Far_LoA	-5,61005947	-0,081	0,318
CHR6	6186973	CHR6:6186973	SSF x Far_LoA	-12,247359	0,070	0,297
CHR6	619128	CHR6:619128	SSF x Far_LoA	-9,23228007	-0,021	0,316
CHR6	6195278	CHR6:6195278	SSF x Far_LoA	-7,91040674	-0,162	0,286
CHR6	6206350	CHR6:6206350	SSF x Far_LoA	-11,0816304	-0,071	0,305
CHR6	6206357	CHR6:6206357	SSF x Far_LoA	-9,02351906	0,010	0,311
CHR6	6206358	CHR6:6206358	SSF x Far_LoA	-8,01981201	0,026	0,319
CHR6	6206409	CHR6:6206409	SSF x Far_LoA	-10,5383523	-0,045	0,301
CHR6	6210910	CHR6:6210910	SSF x Far_LoA	-2,98107419	-0,032	0,290
CHR6	6210916	CHR6:6210916	SSF x Far_LoA	-5,4649921	-0,094	0,308
CHR6	6210962	CHR6:6210962	SSF x Far_LoA	-6,63181182	0,164	0,299
CHR6	6212592	CHR6:6212592	SSF x Far_LoA	-9,01202092	-0,122	0,305
CHR6	6212755	CHR6:6212755	SSF x Far_LoA	-8,01669676	-0,105	0,312
CHR6	6212761	CHR6:6212761	SSF x Far_LoA	-9,07255893	-0,117	0,296
CHR6	6216560	CHR6:6216560	SSF x Far_LoA	-8,63992271	0,030	0,308
CHR6	6221000	CHR6:6221000	SSF x Far_LoA	-8,48582216	-0,071	0,312
CHR6	6227479	CHR6:6227479	SSF x Far_LoA	-9,50666153	0,071	0,310
CHR6	6231511	CHR6:6231511	SSF x Far_LoA	-11,2318476	-0,115	0,308
CHR6	6235830	CHR6:6235830	SSF x Far_LoA	-8,69324019	0,031	0,320
CHR6	6236256	CHR6:6236256	SSF x Far_LoA	-11,3250721	0,008	0,306
CHR6	6238884	CHR6:6238884	SSF x Far_LoA	-7,07514195	0,048	0,302

CHR6	6238914	CHR6:6238914	SSF x Far_LoA	-11,6439551	0,049	0,296
CHR6	6242502	CHR6:6242502	SSF x Far_LoA	-6,06925571	0,032	0,325
CHR6	6242547	CHR6:6242547	SSF x Far_LoA	-9,27656253	0,023	0,303
CHR6	6242690	CHR6:6242690	SSF x Far_LoA	-10,3484321	0,034	0,302
CHR6	6242708	CHR6:6242708	SSF x Far_LoA	-10,4979346	0,028	0,301
CHR6	6242759	CHR6:6242759	SSF x Far_LoA	-9,64461993	-0,045	0,307
CHR6	6246513	CHR6:6246513	SSF x Far_LoA	-6,46598302	-0,003	0,309
CHR6	6246721	CHR6:6246721	SSF x Far_LoA	-8,08844936	0,042	0,301
CHR6	6246820	CHR6:6246820	SSF x Far_LoA	-9,56442839	-0,043	0,322
CHR6	6251696	CHR6:6251696	SSF x Far_LoA	-7,59304229	0,117	0,304
CHR6	628077	CHR6:628077	SSF x Far_LoA	-7,63415312	-0,132	0,307
CHR6	6282775	CHR6:6282775	SSF x Far_LoA	-11,0439891	0,019	0,304
CHR6	6282849	CHR6:6282849	SSF x Far_LoA	-10,5320191	-0,004	0,314
CHR6	6284076	CHR6:6284076	SSF x Far_LoA	-11,1511493	-0,059	0,292
CHR6	6284078	CHR6:6284078	SSF x Far_LoA	-10,6249259	-0,080	0,292
CHR6	6284080	CHR6:6284080	SSF x Far_LoA	-8,07158367	-0,082	0,296
CHR6	6287959	CHR6:6287959	SSF x Far_LoA	-8,4245432	0,075	0,304
CHR6	6298061	CHR6:6298061	SSF x Far_LoA	-8,93177629	-0,030	0,316
CHR6	6298064	CHR6:6298064	SSF x Far_LoA	-9,35233144	0,076	0,305
CHR6	6298092	CHR6:6298092	SSF x Far_LoA	-7,62698859	-0,062	0,297
CHR6	6298293	CHR6:6298293	SSF x Far_LoA	-9,85821754	-0,020	0,303
CHR6	6313033	CHR6:6313033	SSF x Far_LoA	-8,40159167	0,086	0,299
CHR6	6313037	CHR6:6313037	SSF x Far_LoA	-10,7213823	-0,023	0,313
CHR6	6313038	CHR6:6313038	SSF x Far_LoA	-8,45376965	0,076	0,313
CHR6	6313051	CHR6:6313051	SSF x Far_LoA	-9,08951472	0,021	0,307
CHR6	6313219	CHR6:6313219	SSF x Far_LoA	-12,1682335	-0,039	0,298
CHR6	6318302	CHR6:6318302	SSF x Far_LoA	-9,7242854	-0,061	0,305
CHR6	6318419	CHR6:6318419	SSF x Far_LoA	-10,9040887	-0,101	0,321
CHR6	632323	CHR6:632323	SSF x Far_LoA	-10,1284546	0,063	0,304
CHR6	6329531	CHR6:6329531	SSF x Far_LoA	-9,85436569	-0,010	0,317
CHR6	6329608	CHR6:6329608	SSF x Far_LoA	-5,21989507	-0,085	0,305
CHR6	6330273	CHR6:6330273	SSF x Far_LoA	-0,17970216	0,000	0,323
CHR6	6330274	CHR6:6330274	SSF x Far_LoA	-9,30617979	-0,041	0,317
CHR6	6335861	CHR6:6335861	SSF x Far_LoA	-10,6879537	-0,025	0,311
CHR6	6347318	CHR6:6347318	SSF x Far_LoA	-11,7129581	-0,025	0,301
CHR6	6351581	CHR6:6351581	SSF x Far_LoA	-10,519673	-0,084	0,304
CHR6	6361145	CHR6:6361145	SSF x Far_LoA	-9,46975996	0,005	0,310
CHR6	6361256	CHR6:6361256	SSF x Far_LoA	-8,73631403	-0,153	0,302
CHR6	6361259	CHR6:6361259	SSF x Far_LoA	-9,87116926	-0,090	0,294
CHR6	6361279	CHR6:6361279	SSF x Far_LoA	-10,4514996	-0,169	0,285
CHR6	6361309	CHR6:6361309	SSF x Far_LoA	-8,70290608	-0,128	0,306
CHR6	6361313	CHR6:6361313	SSF x Far_LoA	-9,11536158	-0,121	0,302
CHR6	636153	CHR6:636153	SSF x Far_LoA	-9,50531054	-0,005	0,312
CHR6	6365229	CHR6:6365229	SSF x Far_LoA	-11,8522012	0,032	0,299
CHR6	6369310	CHR6:6369310	SSF x Far_LoA	-7,98551136	0,079	0,306
CHR6	6370777	CHR6:6370777	SSF x Far_LoA	-9,13433506	-0,039	0,294
CHR6	6370779	CHR6:6370779	SSF x Far_LoA	-8,07902445	0,003	0,301
CHR6	6370797	CHR6:6370797	SSF x Far_LoA	-10,9003322	-0,002	0,298
CHR6	6370828	CHR6:6370828	SSF x Far_LoA	-9,37117822	0,040	0,325
CHR6	6370855	CHR6:6370855	SSF x Far_LoA	-9,43614261	0,005	0,297
CHR6	6370862	CHR6:6370862	SSF x Far_LoA	-8,25438544	0,034	0,300
CHR6	6370871	CHR6:6370871	SSF x Far_LoA	-9,57860744	-0,046	0,301
CHR6	6370876	CHR6:6370876	SSF x Far_LoA	-12,3376394	0,026	0,300

CHR6	6375193	CHR6:6375193	SSF x Far_LoA	-9,00982691	-0,049	0,302
CHR6	6375258	CHR6:6375258	SSF x Far_LoA	-9,75105954	0,060	0,309
CHR6	6376070	CHR6:6376070	SSF x Far_LoA	-11,1330279	0,023	0,309
CHR6	6382614	CHR6:6382614	SSF x Far_LoA	-7,10132571	0,079	0,301
CHR6	6382631	CHR6:6382631	SSF x Far_LoA	-6,4855931	0,068	0,304
CHR6	6382634	CHR6:6382634	SSF x Far_LoA	-9,78880808	-0,090	0,310
CHR6	638879	CHR6:638879	SSF x Far_LoA	-4,38651879	-0,169	0,295
CHR6	638896	CHR6:638896	SSF x Far_LoA	-9,48623902	0,125	0,295
CHR6	638922	CHR6:638922	SSF x Far_LoA	-11,0233382	-0,030	0,307
CHR6	6394591	CHR6:6394591	SSF x Far_LoA	-8,73848367	-0,008	0,300
CHR6	6414932	CHR6:6414932	SSF x Far_LoA	-8,45065043	0,071	0,318
CHR6	642592	CHR6:642592	SSF x Far_LoA	-6,5963243	-0,162	0,301
CHR6	642737	CHR6:642737	SSF x Far_LoA	-9,08049979	-0,135	0,306
CHR6	6429947	CHR6:6429947	SSF x Far_LoA	-9,85199884	-0,014	0,313
CHR6	6430112	CHR6:6430112	SSF x Far_LoA	-11,7092358	-0,034	0,302
CHR6	6432506	CHR6:6432506	SSF x Far_LoA	-7,77430307	0,078	0,322
CHR6	6451894	CHR6:6451894	SSF x Far_LoA	-5,57203419	0,153	0,304
CHR6	6453755	CHR6:6453755	SSF x Far_LoA	-8,57781724	0,077	0,315
CHR6	6453837	CHR6:6453837	SSF x Far_LoA	-8,61964544	-0,166	0,311
CHR6	6456786	CHR6:6456786	SSF x Far_LoA	-8,9417966	0,027	0,307
CHR6	6456814	CHR6:6456814	SSF x Far_LoA	-9,02453806	0,080	0,295
CHR6	6462689	CHR6:6462689	SSF x Far_LoA	-8,42542078	-0,001	0,306
CHR6	6466150	CHR6:6466150	SSF x Far_LoA	-10,4239836	0,026	0,297
CHR6	6466153	CHR6:6466153	SSF x Far_LoA	-9,82493787	-0,019	0,291
CHR6	6466174	CHR6:6466174	SSF x Far_LoA	-8,46011636	-0,095	0,324
CHR6	6466176	CHR6:6466176	SSF x Far_LoA	-8,26747428	-0,110	0,314
CHR6	6466891	CHR6:6466891	SSF x Far_LoA	-11,3883497	0,043	0,308
CHR6	6475633	CHR6:6475633	SSF x Far_LoA	-10,3283036	-0,016	0,308
CHR6	6475653	CHR6:6475653	SSF x Far_LoA	-7,79780761	-0,175	0,293
CHR6	6484999	CHR6:6484999	SSF x Far_LoA	-11,0189486	-0,062	0,309
CHR6	6485077	CHR6:6485077	SSF x Far_LoA	-9,11437828	0,076	0,298
CHR6	6485082	CHR6:6485082	SSF x Far_LoA	-10,8654815	-0,033	0,310
CHR6	6485111	CHR6:6485111	SSF x Far_LoA	-11,1120336	0,001	0,311
CHR6	648852	CHR6:648852	SSF x Far_LoA	-10,1050745	-0,042	0,319
CHR6	648949	CHR6:648949	SSF x Far_LoA	-10,1326852	-0,003	0,322
CHR6	6490964	CHR6:6490964	SSF x Far_LoA	-9,69183046	0,019	0,296
CHR6	6490994	CHR6:6490994	SSF x Far_LoA	-6,37960012	-0,154	0,285
CHR6	6491014	CHR6:6491014	SSF x Far_LoA	-10,1951904	0,071	0,301
CHR6	6491044	CHR6:6491044	SSF x Far_LoA	-8,79431712	-0,041	0,315
CHR6	6494356	CHR6:6494356	SSF x Far_LoA	-10,819794	-0,061	0,309
CHR6	6494442	CHR6:6494442	SSF x Far_LoA	-11,5054908	0,101	0,302
CHR6	6514266	CHR6:6514266	SSF x Far_LoA	-5,02879975	-0,191	0,294
CHR6	651888	CHR6:651888	SSF x Far_LoA	-10,1670637	0,020	0,312
CHR6	651893	CHR6:651893	SSF x Far_LoA	-12,1984696	-0,045	0,320
CHR6	6529276	CHR6:6529276	SSF x Far_LoA	-8,06009011	0,043	0,312
CHR6	6529288	CHR6:6529288	SSF x Far_LoA	-10,1438522	0,120	0,314
CHR6	6529348	CHR6:6529348	SSF x Far_LoA	-6,73359527	0,137	0,306
CHR6	6529350	CHR6:6529350	SSF x Far_LoA	-7,9203626	0,144	0,294
CHR6	6529379	CHR6:6529379	SSF x Far_LoA	-4,21924943	0,146	0,297
CHR6	6529381	CHR6:6529381	SSF x Far_LoA	-7,20688901	0,135	0,305
CHR6	6529383	CHR6:6529383	SSF x Far_LoA	-7,2238612	0,095	0,300
CHR6	6529384	CHR6:6529384	SSF x Far_LoA	-7,24977164	0,154	0,300
CHR6	6529386	CHR6:6529386	SSF x Far_LoA	-6,30241853	0,118	0,306

CHR6	6529423	CHR6:6529423	SSF x Far_LoA	-6,39507247	-0,001	0,323
CHR6	6529437	CHR6:6529437	SSF x Far_LoA	-8,95732686	-0,028	0,304
CHR6	6529460	CHR6:6529460	SSF x Far_LoA	-8,77431216	0,047	0,317
CHR6	6531707	CHR6:6531707	SSF x Far_LoA	-10,3203973	0,022	0,308
CHR6	6532050	CHR6:6532050	SSF x Far_LoA	-9,45130418	0,053	0,293
CHR6	6543991	CHR6:6543991	SSF x Far_LoA	-9,02095002	0,047	0,327
CHR6	6555032	CHR6:6555032	SSF x Far_LoA	-5,97822387	-0,061	0,315
CHR6	6555051	CHR6:6555051	SSF x Far_LoA	-9,18905144	0,014	0,311
CHR6	6556085	CHR6:6556085	SSF x Far_LoA	-10,8328472	0,104	0,310
CHR6	6556090	CHR6:6556090	SSF x Far_LoA	-8,28988905	0,017	0,311
CHR6	6556129	CHR6:6556129	SSF x Far_LoA	-9,65735616	-0,012	0,319
CHR6	6556155	CHR6:6556155	SSF x Far_LoA	-7,06631434	-0,025	0,296
CHR6	6556166	CHR6:6556166	SSF x Far_LoA	-11,1957724	0,026	0,310
CHR6	6562519	CHR6:6562519	SSF x Far_LoA	-10,6776576	-0,038	0,286
CHR6	6562642	CHR6:6562642	SSF x Far_LoA	-9,96343866	0,013	0,308
CHR6	6562665	CHR6:6562665	SSF x Far_LoA	-9,60673908	-0,033	0,321
CHR6	6586988	CHR6:6586988	SSF x Far_LoA	-9,28390592	-0,167	0,306
CHR6	6587041	CHR6:6587041	SSF x Far_LoA	-4,24230307	0,059	0,311
CHR6	6587057	CHR6:6587057	SSF x Far_LoA	-4,42574087	-0,112	0,303
CHR6	6587064	CHR6:6587064	SSF x Far_LoA	-8,06575866	-0,103	0,308
CHR6	6587071	CHR6:6587071	SSF x Far_LoA	-7,45553275	-0,131	0,303
CHR6	6587073	CHR6:6587073	SSF x Far_LoA	-9,29177106	0,061	0,298
CHR6	6587084	CHR6:6587084	SSF x Far_LoA	-8,05787224	0,041	0,309
CHR6	6587092	CHR6:6587092	SSF x Far_LoA	-10,6117407	0,095	0,292
CHR6	6587132	CHR6:6587132	SSF x Far_LoA	-10,0879899	0,005	0,307
CHR6	6587168	CHR6:6587168	SSF x Far_LoA	-9,51851533	0,003	0,321
CHR6	6593480	CHR6:6593480	SSF x Far_LoA	-7,98490395	-0,112	0,318
CHR6	6594127	CHR6:6594127	SSF x Far_LoA	-10,2533198	-0,049	0,308
CHR6	6604322	CHR6:6604322	SSF x Far_LoA	-9,55689422	-0,051	0,299
CHR6	6604379	CHR6:6604379	SSF x Far_LoA	-10,2168221	-0,019	0,302
CHR6	6604425	CHR6:6604425	SSF x Far_LoA	-9,93968173	0,020	0,316
CHR6	6609834	CHR6:6609834	SSF x Far_LoA	1,0789743	0,039	0,309
CHR6	6609837	CHR6:6609837	SSF x Far_LoA	-8,35653437	0,049	0,321
CHR6	6609949	CHR6:6609949	SSF x Far_LoA	-8,63144493	0,007	0,301
CHR6	6610533	CHR6:6610533	SSF x Far_LoA	-9,77824781	0,085	0,307
CHR6	6610566	CHR6:6610566	SSF x Far_LoA	-7,95638965	-0,110	0,318
CHR6	6610979	CHR6:6610979	SSF x Far_LoA	-9,89457932	0,027	0,310
CHR6	6611603	CHR6:6611603	SSF x Far_LoA	-10,3778249	0,006	0,322
CHR6	6625038	CHR6:6625038	SSF x Far_LoA	-8,04142653	0,085	0,299
CHR6	6625078	CHR6:6625078	SSF x Far_LoA	-8,62912156	-0,091	0,309
CHR6	6634970	CHR6:6634970	SSF x Far_LoA	-10,7412898	-0,037	0,296
CHR6	6634980	CHR6:6634980	SSF x Far_LoA	-10,1797176	-0,062	0,308
CHR6	6634988	CHR6:6634988	SSF x Far_LoA	-6,16057797	-0,041	0,320
CHR6	6635004	CHR6:6635004	SSF x Far_LoA	-9,82414991	0,050	0,306
CHR6	6635011	CHR6:6635011	SSF x Far_LoA	-10,4327935	0,036	0,296
CHR6	6635024	CHR6:6635024	SSF x Far_LoA	-8,48332871	-0,093	0,299
CHR6	6635066	CHR6:6635066	SSF x Far_LoA	-7,59744569	0,080	0,307
CHR6	6635129	CHR6:6635129	SSF x Far_LoA	-8,14870491	0,089	0,313
CHR6	6637583	CHR6:6637583	SSF x Far_LoA	-9,42416887	-0,093	0,301
CHR6	6637758	CHR6:6637758	SSF x Far_LoA	-8,66430629	0,009	0,310
CHR6	6637783	CHR6:6637783	SSF x Far_LoA	-10,642836	0,101	0,302
CHR6	6648484	CHR6:6648484	SSF x Far_LoA	-8,16998501	-0,016	0,303
CHR6	6648610	CHR6:6648610	SSF x Far_LoA	-11,7874259	0,043	0,313

CHR6	6658980	CHR6:6658980	SSF x Far_LoA	-9,53769323	-0,075	0,314
CHR6	6658996	CHR6:6658996	SSF x Far_LoA	-10,3757463	-0,082	0,306
CHR6	6659075	CHR6:6659075	SSF x Far_LoA	1,71642499	-0,053	0,300
CHR6	6659095	CHR6:6659095	SSF x Far_LoA	-10,3972091	-0,052	0,312
CHR6	6659174	CHR6:6659174	SSF x Far_LoA	-7,91893796	0,076	0,300
CHR6	6659202	CHR6:6659202	SSF x Far_LoA	-8,98066373	-0,046	0,307
CHR6	6659227	CHR6:6659227	SSF x Far_LoA	-9,22141312	-0,056	0,313
CHR6	6659268	CHR6:6659268	SSF x Far_LoA	-10,987838	0,064	0,281
CHR6	6659276	CHR6:6659276	SSF x Far_LoA	-12,1727427	-0,005	0,301
CHR6	6661089	CHR6:6661089	SSF x Far_LoA	-9,76352897	-0,035	0,295
CHR6	6661984	CHR6:6661984	SSF x Far_LoA	-8,2826491	-0,053	0,301
CHR6	6666545	CHR6:6666545	SSF x Far_LoA	-9,0885471	0,056	0,312
CHR6	6668750	CHR6:6668750	SSF x Far_LoA	-10,4775934	-0,044	0,299
CHR6	6668812	CHR6:6668812	SSF x Far_LoA	-8,00383107	-0,037	0,307
CHR6	6668814	CHR6:6668814	SSF x Far_LoA	-8,16730231	-0,029	0,312
CHR6	6668968	CHR6:6668968	SSF x Far_LoA	-9,77677183	0,089	0,297
CHR6	6671149	CHR6:6671149	SSF x Far_LoA	-7,73249794	0,075	0,296
CHR6	6671214	CHR6:6671214	SSF x Far_LoA	-9,32799205	-0,147	0,301
CHR6	6692404	CHR6:6692404	SSF x Far_LoA	-9,03114155	0,029	0,290
CHR6	6692533	CHR6:6692533	SSF x Far_LoA	-6,66630604	-0,129	0,304
CHR6	6692536	CHR6:6692536	SSF x Far_LoA	-11,370633	-0,014	0,300
CHR6	6692662	CHR6:6692662	SSF x Far_LoA	-9,96743865	0,024	0,316
CHR6	6692679	CHR6:6692679	SSF x Far_LoA	-7,6016124	-0,072	0,303
CHR6	6692689	CHR6:6692689	SSF x Far_LoA	-10,5743422	-0,067	0,301
CHR6	6692693	CHR6:6692693	SSF x Far_LoA	-9,81886939	-0,106	0,303
CHR6	6695806	CHR6:6695806	SSF x Far_LoA	-10,3692605	-0,070	0,296
CHR6	6695867	CHR6:6695867	SSF x Far_LoA	-2,19335108	0,237	0,275
CHR6	6695894	CHR6:6695894	SSF x Far_LoA	-3,05734154	0,130	0,302
CHR6	6695897	CHR6:6695897	SSF x Far_LoA	-8,48636214	0,074	0,306
CHR6	6695933	CHR6:6695933	SSF x Far_LoA	-5,63845293	0,159	0,291
CHR6	6695935	CHR6:6695935	SSF x Far_LoA	-10,0974602	-0,052	0,303
CHR6	6695953	CHR6:6695953	SSF x Far_LoA	-9,33827111	-0,014	0,305
CHR6	6701369	CHR6:6701369	SSF x Far_LoA	-7,3828719	0,057	0,314
CHR6	6701383	CHR6:6701383	SSF x Far_LoA	-7,87405816	0,037	0,316
CHR6	6701391	CHR6:6701391	SSF x Far_LoA	-9,32362085	0,030	0,324
CHR6	6701451	CHR6:6701451	SSF x Far_LoA	-8,046279	0,021	0,314
CHR6	6701453	CHR6:6701453	SSF x Far_LoA	-10,4838275	-0,004	0,306
CHR6	6704590	CHR6:6704590	SSF x Far_LoA	-8,19317846	-0,140	0,307
CHR6	6704675	CHR6:6704675	SSF x Far_LoA	-9,1309385	0,031	0,311
CHR6	6704685	CHR6:6704685	SSF x Far_LoA	-8,44967719	0,025	0,306
CHR6	6704720	CHR6:6704720	SSF x Far_LoA	-7,59948616	-0,137	0,305
CHR6	6704746	CHR6:6704746	SSF x Far_LoA	-7,65216733	0,081	0,297
CHR6	6704779	CHR6:6704779	SSF x Far_LoA	-9,98956398	-0,068	0,309
CHR6	6704785	CHR6:6704785	SSF x Far_LoA	-11,2357048	0,035	0,306
CHR6	6715499	CHR6:6715499	SSF x Far_LoA	-9,27034806	0,061	0,293
CHR6	6715507	CHR6:6715507	SSF x Far_LoA	-7,43300575	0,041	0,303
CHR6	6715575	CHR6:6715575	SSF x Far_LoA	-8,57793598	0,019	0,311
CHR6	6715610	CHR6:6715610	SSF x Far_LoA	-8,73494586	0,012	0,301
CHR6	6716381	CHR6:6716381	SSF x Far_LoA	-6,53098407	0,114	0,305
CHR6	6716399	CHR6:6716399	SSF x Far_LoA	-8,94722105	0,093	0,298
CHR6	6723676	CHR6:6723676	SSF x Far_LoA	-9,33701683	0,100	0,307
CHR6	6723679	CHR6:6723679	SSF x Far_LoA	-6,20218709	-0,026	0,312
CHR6	6723714	CHR6:6723714	SSF x Far_LoA	-11,438364	0,143	0,301

CHR6	6723719	CHR6:6723719	SSF x Far_LoA	-11,981125	-0,034	0,285
CHR6	6731909	CHR6:6731909	SSF x Far_LoA	-9,87731463	-0,042	0,319
CHR6	6731949	CHR6:6731949	SSF x Far_LoA	-11,1384712	-0,009	0,300
CHR6	6731956	CHR6:6731956	SSF x Far_LoA	-10,2661148	-0,024	0,304
CHR6	6731964	CHR6:6731964	SSF x Far_LoA	-10,8113023	-0,094	0,299
CHR6	6732043	CHR6:6732043	SSF x Far_LoA	-9,58903965	0,104	0,288
CHR6	6739262	CHR6:6739262	SSF x Far_LoA	-9,18913443	-0,019	0,309
CHR6	6740939	CHR6:6740939	SSF x Far_LoA	-9,20871267	-0,025	0,307
CHR6	6744668	CHR6:6744668	SSF x Far_LoA	6,24322694	-0,147	0,301
CHR6	6748817	CHR6:6748817	SSF x Far_LoA	-9,29430879	-0,059	0,307
CHR6	6748966	CHR6:6748966	SSF x Far_LoA	-9,83097305	0,009	0,315
CHR6	6749036	CHR6:6749036	SSF x Far_LoA	-8,45223642	-0,029	0,298
CHR6	676176	CHR6:676176	SSF x Far_LoA	-7,18561595	-0,007	0,309
CHR6	676184	CHR6:676184	SSF x Far_LoA	-8,52005978	-0,046	0,307
CHR6	676221	CHR6:676221	SSF x Far_LoA	-5,77787708	0,082	0,302
CHR6	6765567	CHR6:6765567	SSF x Far_LoA	-9,99935254	0,059	0,297
CHR6	6765694	CHR6:6765694	SSF x Far_LoA	-12,169623	-0,083	0,301
CHR6	6777613	CHR6:6777613	SSF x Far_LoA	-8,90853091	0,018	0,307
CHR6	6777668	CHR6:6777668	SSF x Far_LoA	-9,72903153	0,055	0,305
CHR6	6777777	CHR6:6777777	SSF x Far_LoA	-9,52695723	-0,005	0,309
CHR6	6777821	CHR6:6777821	SSF x Far_LoA	-9,75085399	0,070	0,296
CHR6	677831	CHR6:677831	SSF x Far_LoA	-9,63252321	-0,007	0,301
CHR6	677884	CHR6:677884	SSF x Far_LoA	-10,8680056	-0,143	0,304
CHR6	677904	CHR6:677904	SSF x Far_LoA	-7,96385101	-0,038	0,317
CHR6	678056	CHR6:678056	SSF x Far_LoA	-10,293108	-0,026	0,318
CHR6	6783001	CHR6:6783001	SSF x Far_LoA	-6,90355	-0,055	0,307
CHR6	6783040	CHR6:6783040	SSF x Far_LoA	-11,0760033	0,013	0,308
CHR6	679586	CHR6:679586	SSF x Far_LoA	-11,1658485	0,076	0,309
CHR6	6796536	CHR6:6796536	SSF x Far_LoA	-4,66843306	0,093	0,315
CHR6	6796550	CHR6:6796550	SSF x Far_LoA	-9,95771005	-0,044	0,289
CHR6	6796554	CHR6:6796554	SSF x Far_LoA	-9,15810012	-0,021	0,309
CHR6	6796556	CHR6:6796556	SSF x Far_LoA	-10,3633056	0,008	0,309
CHR6	6796642	CHR6:6796642	SSF x Far_LoA	-7,28398102	-0,050	0,310
CHR6	6796659	CHR6:6796659	SSF x Far_LoA	-10,2773995	0,030	0,319
CHR6	6796730	CHR6:6796730	SSF x Far_LoA	-12,099446	-0,009	0,297
CHR6	6796751	CHR6:6796751	SSF x Far_LoA	-10,9299889	-0,001	0,303
CHR6	6796754	CHR6:6796754	SSF x Far_LoA	-8,59599623	0,025	0,300
CHR6	679756	CHR6:679756	SSF x Far_LoA	-8,66211648	-0,180	0,299
CHR6	6800595	CHR6:6800595	SSF x Far_LoA	-10,3993667	-0,012	0,330
CHR6	6806118	CHR6:6806118	SSF x Far_LoA	-7,19192333	0,014	0,322
CHR6	6806172	CHR6:6806172	SSF x Far_LoA	-8,31999853	0,116	0,295
CHR6	6810360	CHR6:6810360	SSF x Far_LoA	-10,407723	0,084	0,304
CHR6	6815421	CHR6:6815421	SSF x Far_LoA	-9,0157207	0,063	0,310
CHR6	6815443	CHR6:6815443	SSF x Far_LoA	-8,84678637	-0,013	0,306
CHR6	6815542	CHR6:6815542	SSF x Far_LoA	-10,3963453	0,033	0,312
CHR6	6815566	CHR6:6815566	SSF x Far_LoA	-10,595429	-0,030	0,314
CHR6	6819654	CHR6:6819654	SSF x Far_LoA	-7,37750327	-0,140	0,312
CHR6	6819664	CHR6:6819664	SSF x Far_LoA	-9,02413983	-0,063	0,298
CHR6	6820836	CHR6:6820836	SSF x Far_LoA	-8,72926849	0,124	0,308
CHR6	6820887	CHR6:6820887	SSF x Far_LoA	-3,99836243	-0,168	0,309
CHR6	6821052	CHR6:6821052	SSF x Far_LoA	-8,91624612	0,048	0,324
CHR6	6828356	CHR6:6828356	SSF x Far_LoA	-9,67568378	-0,083	0,297
CHR6	6831893	CHR6:6831893	SSF x Far_LoA	-9,82049517	0,084	0,297

CHR6	6832059	CHR6:6832059	SSF x Far_LoA	-9,34258623	0,051	0,306
CHR6	6840204	CHR6:6840204	SSF x Far_LoA	-10,5080211	0,038	0,311
CHR6	6845103	CHR6:6845103	SSF x Far_LoA	-1,74969161	0,011	0,309
CHR6	6845122	CHR6:6845122	SSF x Far_LoA	-8,64106757	-0,050	0,303
CHR6	6845126	CHR6:6845126	SSF x Far_LoA	-9,5758328	-0,004	0,305
CHR6	6845144	CHR6:6845144	SSF x Far_LoA	-8,87706047	0,153	0,299
CHR6	6845217	CHR6:6845217	SSF x Far_LoA	-5,44455594	-0,169	0,303
CHR6	6845221	CHR6:6845221	SSF x Far_LoA	-7,99102395	0,108	0,306
CHR6	6845240	CHR6:6845240	SSF x Far_LoA	-11,5874764	-0,015	0,306
CHR6	6845242	CHR6:6845242	SSF x Far_LoA	-7,83551385	-0,052	0,311
CHR6	6845255	CHR6:6845255	SSF x Far_LoA	-5,94634632	-0,109	0,312
CHR6	6845291	CHR6:6845291	SSF x Far_LoA	-10,501013	-0,012	0,314
CHR6	6845315	CHR6:6845315	SSF x Far_LoA	-8,25491344	0,056	0,317
CHR6	6858427	CHR6:6858427	SSF x Far_LoA	-10,6992587	0,082	0,313
CHR6	6858441	CHR6:6858441	SSF x Far_LoA	-11,9568836	0,012	0,310
CHR6	6858450	CHR6:6858450	SSF x Far_LoA	-10,7575376	0,081	0,289
CHR6	6858461	CHR6:6858461	SSF x Far_LoA	-5,42540041	0,182	0,299
CHR6	6858481	CHR6:6858481	SSF x Far_LoA	-8,0605713	0,107	0,304
CHR6	6858554	CHR6:6858554	SSF x Far_LoA	-11,4277475	-0,006	0,318
CHR6	6865771	CHR6:6865771	SSF x Far_LoA	-9,41951736	-0,095	0,294
CHR6	6865860	CHR6:6865860	SSF x Far_LoA	-8,72785738	-0,136	0,303
CHR6	6865876	CHR6:6865876	SSF x Far_LoA	-10,0160984	0,010	0,312
CHR6	6867462	CHR6:6867462	SSF x Far_LoA	-9,84312484	-0,010	0,311
CHR6	6867552	CHR6:6867552	SSF x Far_LoA	-10,0993905	-0,019	0,309
CHR6	6867555	CHR6:6867555	SSF x Far_LoA	-9,96489554	-0,006	0,315
CHR6	6867638	CHR6:6867638	SSF x Far_LoA	-9,31729793	0,014	0,314
CHR6	6868475	CHR6:6868475	SSF x Far_LoA	-9,10029848	0,054	0,310
CHR6	6868497	CHR6:6868497	SSF x Far_LoA	-9,91098489	0,089	0,301
CHR6	6878698	CHR6:6878698	SSF x Far_LoA	-9,29364714	0,091	0,314
CHR6	6878707	CHR6:6878707	SSF x Far_LoA	-10,1587029	0,055	0,304
CHR6	6878715	CHR6:6878715	SSF x Far_LoA	-8,28705702	0,068	0,301
CHR6	6878720	CHR6:6878720	SSF x Far_LoA	-8,66831538	0,063	0,304
CHR6	6878721	CHR6:6878721	SSF x Far_LoA	-8,81156713	0,055	0,313
CHR6	6878760	CHR6:6878760	SSF x Far_LoA	-5,58897887	-0,050	0,299
CHR6	6878761	CHR6:6878761	SSF x Far_LoA	-8,36245435	-0,052	0,312
CHR6	6878879	CHR6:6878879	SSF x Far_LoA	-11,001701	-0,036	0,309
CHR6	6878951	CHR6:6878951	SSF x Far_LoA	-9,10640529	0,067	0,321
CHR6	6883366	CHR6:6883366	SSF x Far_LoA	-6,45777878	-0,048	0,321
CHR6	6883408	CHR6:6883408	SSF x Far_LoA	-7,451243	-0,068	0,316
CHR6	6883419	CHR6:6883419	SSF x Far_LoA	-11,3331209	0,037	0,305
CHR6	6890204	CHR6:6890204	SSF x Far_LoA	-9,77858452	-0,127	0,295
CHR6	6894214	CHR6:6894214	SSF x Far_LoA	-10,2425587	-0,076	0,306
CHR6	6894252	CHR6:6894252	SSF x Far_LoA	-4,44373585	-0,140	0,306
CHR6	6894401	CHR6:6894401	SSF x Far_LoA	-11,1169221	-0,088	0,310
CHR6	6894453	CHR6:6894453	SSF x Far_LoA	-9,81411442	-0,004	0,316
CHR6	6907271	CHR6:6907271	SSF x Far_LoA	-8,91125151	-0,023	0,318
CHR6	6925197	CHR6:6925197	SSF x Far_LoA	-9,03711051	0,078	0,315
CHR6	6925220	CHR6:6925220	SSF x Far_LoA	-10,8926807	0,030	0,305
CHR6	6925420	CHR6:6925420	SSF x Far_LoA	-8,19060449	-0,136	0,303
CHR6	692979	CHR6:692979	SSF x Far_LoA	-9,53939124	-0,113	0,300
CHR6	693041	CHR6:693041	SSF x Far_LoA	-9,24601044	-0,073	0,310
CHR6	693276	CHR6:693276	SSF x Far_LoA	-9,24565779	0,057	0,295
CHR6	6938231	CHR6:6938231	SSF x Far_LoA	-9,70408704	0,038	0,314

CHR6	6938239	CHR6:6938239	SSF x Far_LoA	-7,64180858	0,199	0,285
CHR6	6938250	CHR6:6938250	SSF x Far_LoA	-11,3130442	0,032	0,303
CHR6	6940204	CHR6:6940204	SSF x Far_LoA	-7,6610664	0,060	0,311
CHR6	6941385	CHR6:6941385	SSF x Far_LoA	-9,20994343	-0,025	0,327
CHR6	6944011	CHR6:6944011	SSF x Far_LoA	-8,29527715	-0,102	0,301
CHR6	6944038	CHR6:6944038	SSF x Far_LoA	-9,96159994	-0,049	0,319
CHR6	6944043	CHR6:6944043	SSF x Far_LoA	-9,07998328	0,017	0,314
CHR6	6966945	CHR6:6966945	SSF x Far_LoA	-9,59334882	0,111	0,294
CHR6	6967035	CHR6:6967035	SSF x Far_LoA	-7,22540161	-0,022	0,311
CHR6	6967038	CHR6:6967038	SSF x Far_LoA	-8,94644882	-0,057	0,308
CHR6	6967039	CHR6:6967039	SSF x Far_LoA	-3,28557343	-0,049	0,309
CHR6	6994839	CHR6:6994839	SSF x Far_LoA	-9,60704325	0,063	0,302
CHR6	6994977	CHR6:6994977	SSF x Far_LoA	-0,88144664	-0,117	0,310
CHR6	6995068	CHR6:6995068	SSF x Far_LoA	-11,4917575	-0,106	0,301
CHR6	7013221	CHR6:7013221	SSF x Far_LoA	-10,8687521	0,088	0,298
CHR6	7013225	CHR6:7013225	SSF x Far_LoA	-9,91459159	0,112	0,289
CHR6	7013242	CHR6:7013242	SSF x Far_LoA	-10,0041733	0,047	0,311
CHR6	7013306	CHR6:7013306	SSF x Far_LoA	-8,08740795	0,030	0,313
CHR6	7013347	CHR6:7013347	SSF x Far_LoA	-9,68712064	-0,102	0,302
CHR6	7024595	CHR6:7024595	SSF x Far_LoA	-6,56913042	-0,049	0,314
CHR6	7024616	CHR6:7024616	SSF x Far_LoA	-8,62384284	-0,026	0,308
CHR6	7031158	CHR6:7031158	SSF x Far_LoA	-8,10468276	-0,074	0,308
CHR6	7031179	CHR6:7031179	SSF x Far_LoA	-9,5652437	0,108	0,307
CHR6	7031228	CHR6:7031228	SSF x Far_LoA	-9,57906332	-0,009	0,310
CHR6	7031317	CHR6:7031317	SSF x Far_LoA	-10,6599107	0,028	0,306
CHR6	7033508	CHR6:7033508	SSF x Far_LoA	-9,80210579	-0,092	0,305
CHR6	7037799	CHR6:7037799	SSF x Far_LoA	-10,3707063	-0,050	0,294
CHR6	7037813	CHR6:7037813	SSF x Far_LoA	-9,8518665	-0,113	0,306
CHR6	7037826	CHR6:7037826	SSF x Far_LoA	-9,11948013	-0,061	0,315
CHR6	7037847	CHR6:7037847	SSF x Far_LoA	-10,0716526	-0,038	0,311
CHR6	7037887	CHR6:7037887	SSF x Far_LoA	-11,287619	-0,039	0,310
CHR6	7037968	CHR6:7037968	SSF x Far_LoA	-11,3564267	0,041	0,317
CHR6	7038035	CHR6:7038035	SSF x Far_LoA	-8,68637956	0,005	0,322
CHR6	7038042	CHR6:7038042	SSF x Far_LoA	-9,90345788	-0,028	0,303
CHR6	7038043	CHR6:7038043	SSF x Far_LoA	-10,4664932	-0,027	0,297
CHR6	7044397	CHR6:7044397	SSF x Far_LoA	-10,06683	-0,117	0,298
CHR6	7044505	CHR6:7044505	SSF x Far_LoA	-6,16334776	-0,093	0,322
CHR6	7044632	CHR6:7044632	SSF x Far_LoA	-10,614383	0,038	0,305
CHR6	704786	CHR6:704786	SSF x Far_LoA	-11,0035695	0,019	0,299
CHR6	704804	CHR6:704804	SSF x Far_LoA	-10,8922022	-0,071	0,296
CHR6	7054137	CHR6:7054137	SSF x Far_LoA	-9,71234923	-0,015	0,309
CHR6	7054231	CHR6:7054231	SSF x Far_LoA	-8,4843858	-0,005	0,327
CHR6	7054256	CHR6:7054256	SSF x Far_LoA	-10,8853714	0,058	0,310
CHR6	7059336	CHR6:7059336	SSF x Far_LoA	-10,4763097	0,083	0,304
CHR6	7059458	CHR6:7059458	SSF x Far_LoA	-9,59475083	-0,052	0,308
CHR6	7069849	CHR6:7069849	SSF x Far_LoA	-9,34230685	-0,046	0,305
CHR6	7081765	CHR6:7081765	SSF x Far_LoA	-11,3891716	0,083	0,306
CHR6	7084476	CHR6:7084476	SSF x Far_LoA	-10,3623424	-0,007	0,315
CHR6	7084507	CHR6:7084507	SSF x Far_LoA	-9,8841036	-0,058	0,300
CHR6	7085111	CHR6:7085111	SSF x Far_LoA	-9,01849747	-0,017	0,300
CHR6	7085977	CHR6:7085977	SSF x Far_LoA	-7,09505631	-0,108	0,316
CHR6	7086120	CHR6:7086120	SSF x Far_LoA	-8,74357148	-0,051	0,285
CHR6	7086215	CHR6:7086215	SSF x Far_LoA	-6,41347363	-0,038	0,274

CHR6	7087557	CHR6:7087557	SSF x Far_LoA	-11,7627205	-0,001	0,317
CHR6	7087559	CHR6:7087559	SSF x Far_LoA	-10,0182348	-0,040	0,303
CHR6	7091603	CHR6:7091603	SSF x Far_LoA	-8,37583604	0,179	0,294
CHR6	7091621	CHR6:7091621	SSF x Far_LoA	-11,245224	0,052	0,306
CHR6	7091846	CHR6:7091846	SSF x Far_LoA	-7,07016278	-0,082	0,312
CHR6	7097464	CHR6:7097464	SSF x Far_LoA	-9,4098569	0,053	0,295
CHR6	7102748	CHR6:7102748	SSF x Far_LoA	-3,68846496	0,074	0,300
CHR6	7102752	CHR6:7102752	SSF x Far_LoA	-5,23666537	0,027	0,299
CHR6	7102755	CHR6:7102755	SSF x Far_LoA	-8,1961218	0,007	0,298
CHR6	7102778	CHR6:7102778	SSF x Far_LoA	-9,40919437	0,157	0,310
CHR6	7102800	CHR6:7102800	SSF x Far_LoA	-9,50532349	0,021	0,297
CHR6	7102834	CHR6:7102834	SSF x Far_LoA	-11,3029382	0,041	0,298
CHR6	7102837	CHR6:7102837	SSF x Far_LoA	-10,439712	0,070	0,305
CHR6	7102839	CHR6:7102839	SSF x Far_LoA	-10,5075088	0,063	0,292
CHR6	7102864	CHR6:7102864	SSF x Far_LoA	-10,7656699	-0,044	0,302
CHR6	7102965	CHR6:7102965	SSF x Far_LoA	-9,5436035	-0,092	0,300
CHR6	7122197	CHR6:7122197	SSF x Far_LoA	-7,99252409	-0,165	0,291
CHR6	713248	CHR6:713248	SSF x Far_LoA	-6,11959778	-0,107	0,309
CHR6	713262	CHR6:713262	SSF x Far_LoA	-9,30730728	-0,038	0,320
CHR6	713311	CHR6:713311	SSF x Far_LoA	-8,36382142	-0,032	0,302
CHR6	713315	CHR6:713315	SSF x Far_LoA	-10,9860591	-0,034	0,296
CHR6	7138404	CHR6:7138404	SSF x Far_LoA	-11,153223	-0,034	0,298
CHR6	7150597	CHR6:7150597	SSF x Far_LoA	-8,38526735	0,043	0,321
CHR6	7152870	CHR6:7152870	SSF x Far_LoA	-10,2688953	0,009	0,303
CHR6	7152953	CHR6:7152953	SSF x Far_LoA	-4,63799735	-0,025	0,317
CHR6	7161590	CHR6:7161590	SSF x Far_LoA	-9,96861651	-0,003	0,303
CHR6	7161597	CHR6:7161597	SSF x Far_LoA	-8,15911968	-0,034	0,322
CHR6	7172739	CHR6:7172739	SSF x Far_LoA	-10,6675231	0,141	0,286
CHR6	7172779	CHR6:7172779	SSF x Far_LoA	-9,26184227	-0,109	0,297
CHR6	7176605	CHR6:7176605	SSF x Far_LoA	-7,97686043	0,056	0,313
CHR6	7177868	CHR6:7177868	SSF x Far_LoA	-11,5467167	-0,015	0,307
CHR6	7181033	CHR6:7181033	SSF x Far_LoA	-9,19368383	0,019	0,304
CHR6	7194495	CHR6:7194495	SSF x Far_LoA	-4,86941542	0,199	0,289
CHR6	7194755	CHR6:7194755	SSF x Far_LoA	-9,60378927	0,050	0,303
CHR6	7194800	CHR6:7194800	SSF x Far_LoA	-10,6501681	-0,001	0,303
CHR6	7194804	CHR6:7194804	SSF x Far_LoA	-10,4017161	0,001	0,287
CHR6	7198064	CHR6:7198064	SSF x Far_LoA	-10,2855746	0,029	0,307
CHR6	7198137	CHR6:7198137	SSF x Far_LoA	-8,48162907	0,098	0,311
CHR6	7198153	CHR6:7198153	SSF x Far_LoA	-9,912657	0,001	0,307
CHR6	7198236	CHR6:7198236	SSF x Far_LoA	-9,11123544	-0,016	0,309
CHR6	7198241	CHR6:7198241	SSF x Far_LoA	-11,0885721	-0,025	0,299
CHR6	7198270	CHR6:7198270	SSF x Far_LoA	-7,60963907	0,056	0,324
CHR6	7198276	CHR6:7198276	SSF x Far_LoA	-8,84044907	0,160	0,299
CHR6	7198301	CHR6:7198301	SSF x Far_LoA	-10,3130146	0,020	0,322
CHR6	7198311	CHR6:7198311	SSF x Far_LoA	-5,93200235	0,015	0,323
CHR6	7201153	CHR6:7201153	SSF x Far_LoA	-9,87649447	0,068	0,299
CHR6	7201155	CHR6:7201155	SSF x Far_LoA	-9,97540981	0,010	0,326
CHR6	7201220	CHR6:7201220	SSF x Far_LoA	1,12659058	0,058	0,301
CHR6	7201261	CHR6:7201261	SSF x Far_LoA	-9,01533639	-0,109	0,293
CHR6	7201297	CHR6:7201297	SSF x Far_LoA	-9,22702153	-0,050	0,311
CHR6	7201347	CHR6:7201347	SSF x Far_LoA	-8,1060899	-0,042	0,298
CHR6	7201371	CHR6:7201371	SSF x Far_LoA	-11,4513093	0,090	0,295
CHR6	7201374	CHR6:7201374	SSF x Far_LoA	-9,89323871	0,061	0,298

CHR6	720904	CHR6:720904	SSF x Far_LoA	-11,1624668	0,064	0,298
CHR6	7212749	CHR6:7212749	SSF x Far_LoA	-9,67277841	-0,034	0,301
CHR6	7213340	CHR6:7213340	SSF x Far_LoA	-11,4344551	0,038	0,304
CHR6	7213356	CHR6:7213356	SSF x Far_LoA	-9,83506321	-0,059	0,316
CHR6	7213372	CHR6:7213372	SSF x Far_LoA	-10,0866637	0,035	0,291
CHR6	7218760	CHR6:7218760	SSF x Far_LoA	-10,6886792	0,006	0,302
CHR6	7218788	CHR6:7218788	SSF x Far_LoA	-8,44822188	-0,026	0,298
CHR6	7218830	CHR6:7218830	SSF x Far_LoA	-9,67905293	0,088	0,308
CHR6	7227917	CHR6:7227917	SSF x Far_LoA	-10,6179562	0,057	0,300
CHR6	7240347	CHR6:7240347	SSF x Far_LoA	-8,27409908	-0,064	0,310
CHR6	7240348	CHR6:7240348	SSF x Far_LoA	-8,89677571	-0,054	0,302
CHR6	7240357	CHR6:7240357	SSF x Far_LoA	-2,11043906	0,159	0,271
CHR6	7262	CHR6:7262	SSF x Far_LoA	-6,42381679	-0,115	0,310
CHR6	7268057	CHR6:7268057	SSF x Far_LoA	-9,91026226	-0,068	0,313
CHR6	7275764	CHR6:7275764	SSF x Far_LoA	-9,67196219	0,074	0,306
CHR6	7275833	CHR6:7275833	SSF x Far_LoA	-6,00470164	-0,046	0,310
CHR6	7284422	CHR6:7284422	SSF x Far_LoA	-8,42093897	0,065	0,301
CHR6	7284437	CHR6:7284437	SSF x Far_LoA	-9,1772858	0,008	0,297
CHR6	7284490	CHR6:7284490	SSF x Far_LoA	-11,622096	-0,011	0,302
CHR6	7284620	CHR6:7284620	SSF x Far_LoA	-10,4549973	0,059	0,300
CHR6	7284646	CHR6:7284646	SSF x Far_LoA	-6,90896702	0,047	0,312
CHR6	7287512	CHR6:7287512	SSF x Far_LoA	-8,48699388	-0,040	0,323
CHR6	7287551	CHR6:7287551	SSF x Far_LoA	-11,0427773	0,002	0,311
CHR6	7287725	CHR6:7287725	SSF x Far_LoA	-12,0742807	-0,008	0,324
CHR6	7302101	CHR6:7302101	SSF x Far_LoA	-11,2767064	-0,033	0,306
CHR6	7316424	CHR6:7316424	SSF x Far_LoA	-6,68925559	-0,093	0,304
CHR6	7316433	CHR6:7316433	SSF x Far_LoA	-9,78006342	0,158	0,301
CHR6	7316459	CHR6:7316459	SSF x Far_LoA	-7,18611214	-0,138	0,299
CHR6	7316463	CHR6:7316463	SSF x Far_LoA	-8,74305395	-0,145	0,288
CHR6	7316472	CHR6:7316472	SSF x Far_LoA	-0,43698865	-0,140	0,282
CHR6	7316483	CHR6:7316483	SSF x Far_LoA	-7,12036733	-0,137	0,294
CHR6	7316536	CHR6:7316536	SSF x Far_LoA	-10,212034	-0,089	0,297
CHR6	7333602	CHR6:7333602	SSF x Far_LoA	-9,75265138	-0,090	0,297
CHR6	7333603	CHR6:7333603	SSF x Far_LoA	-9,15752484	-0,051	0,305
CHR6	7333642	CHR6:7333642	SSF x Far_LoA	-8,74796323	-0,071	0,308
CHR6	7335381	CHR6:7335381	SSF x Far_LoA	-10,5290917	-0,009	0,303
CHR6	7335515	CHR6:7335515	SSF x Far_LoA	-6,4079599	0,119	0,311
CHR6	7340724	CHR6:7340724	SSF x Far_LoA	-8,43327174	0,088	0,303
CHR6	7344144	CHR6:7344144	SSF x Far_LoA	-11,9299543	-0,012	0,303
CHR6	7344214	CHR6:7344214	SSF x Far_LoA	-11,880548	0,017	0,305
CHR6	7350594	CHR6:7350594	SSF x Far_LoA	-10,3936216	0,058	0,315
CHR6	7353374	CHR6:7353374	SSF x Far_LoA	-8,33064526	-0,075	0,325
CHR6	7359637	CHR6:7359637	SSF x Far_LoA	-9,82083985	-0,123	0,304
CHR6	7359822	CHR6:7359822	SSF x Far_LoA	-10,4787078	0,017	0,321
CHR6	7359875	CHR6:7359875	SSF x Far_LoA	-8,21817212	-0,097	0,296
CHR6	7359883	CHR6:7359883	SSF x Far_LoA	-9,39727702	-0,103	0,308
CHR6	7362328	CHR6:7362328	SSF x Far_LoA	-9,26255877	-0,029	0,303
CHR6	7362330	CHR6:7362330	SSF x Far_LoA	-9,72615043	-0,026	0,310
CHR6	7362341	CHR6:7362341	SSF x Far_LoA	-8,2203493	-0,063	0,314
CHR6	7362377	CHR6:7362377	SSF x Far_LoA	-8,09433997	-0,024	0,313
CHR6	7362445	CHR6:7362445	SSF x Far_LoA	-7,33067282	0,038	0,303
CHR6	7362473	CHR6:7362473	SSF x Far_LoA	-9,70924084	0,127	0,299
CHR6	7367336	CHR6:7367336	SSF x Far_LoA	-9,9558554	-0,044	0,307

CHR6	7367422	CHR6:7367422	SSF x Far_LoA	-4,75556408	0,190	0,283
CHR6	737845	CHR6:737845	SSF x Far_LoA	-8,98422375	-0,016	0,317
CHR6	7387781	CHR6:7387781	SSF x Far_LoA	-7,67741692	-0,023	0,320
CHR6	7387830	CHR6:7387830	SSF x Far_LoA	-7,75165434	-0,030	0,322
CHR6	7387853	CHR6:7387853	SSF x Far_LoA	-9,66157535	0,106	0,292
CHR6	7387924	CHR6:7387924	SSF x Far_LoA	-10,1732816	-0,138	0,305
CHR6	7388033	CHR6:7388033	SSF x Far_LoA	-9,69456549	-0,089	0,307
CHR6	7390215	CHR6:7390215	SSF x Far_LoA	-8,32882583	-0,016	0,300
CHR6	7390312	CHR6:7390312	SSF x Far_LoA	-8,5539917	-0,082	0,292
CHR6	7390332	CHR6:7390332	SSF x Far_LoA	-9,57429987	-0,041	0,287
CHR6	7404569	CHR6:7404569	SSF x Far_LoA	-7,75866789	0,180	0,302
CHR6	7404621	CHR6:7404621	SSF x Far_LoA	-4,4428372	-0,240	0,297
CHR6	7434308	CHR6:7434308	SSF x Far_LoA	-8,51091515	-0,124	0,301
CHR6	7434342	CHR6:7434342	SSF x Far_LoA	-8,32848482	0,065	0,304
CHR6	7434433	CHR6:7434433	SSF x Far_LoA	-10,0038085	0,079	0,305
CHR6	7434493	CHR6:7434493	SSF x Far_LoA	-9,79055501	0,006	0,311
CHR6	7434583	CHR6:7434583	SSF x Far_LoA	-6,488935	-0,166	0,298
CHR6	7446440	CHR6:7446440	SSF x Far_LoA	-10,5693282	-0,003	0,303
CHR6	7446931	CHR6:7446931	SSF x Far_LoA	-3,66069757	-0,105	0,316
CHR6	7456142	CHR6:7456142	SSF x Far_LoA	-9,89713092	0,073	0,306
CHR6	7456183	CHR6:7456183	SSF x Far_LoA	-11,2773826	0,090	0,300
CHR6	7456187	CHR6:7456187	SSF x Far_LoA	-11,2331878	0,089	0,301
CHR6	7456216	CHR6:7456216	SSF x Far_LoA	-10,9833934	0,022	0,317
CHR6	7460744	CHR6:7460744	SSF x Far_LoA	-9,62262771	0,018	0,294
CHR6	7460745	CHR6:7460745	SSF x Far_LoA	-8,24554785	-0,031	0,314
CHR6	7460792	CHR6:7460792	SSF x Far_LoA	-6,8185043	0,125	0,301
CHR6	7460831	CHR6:7460831	SSF x Far_LoA	-8,8937813	0,015	0,301
CHR6	7460839	CHR6:7460839	SSF x Far_LoA	-8,55580849	-0,056	0,318
CHR6	7469550	CHR6:7469550	SSF x Far_LoA	-9,40624852	0,025	0,309
CHR6	7469580	CHR6:7469580	SSF x Far_LoA	-9,87905357	-0,051	0,313
CHR6	7469605	CHR6:7469605	SSF x Far_LoA	-9,89579786	0,038	0,315
CHR6	7469614	CHR6:7469614	SSF x Far_LoA	-7,91619727	0,133	0,299
CHR6	7469656	CHR6:7469656	SSF x Far_LoA	-9,97994203	0,082	0,314
CHR6	7469718	CHR6:7469718	SSF x Far_LoA	-11,0605628	-0,008	0,307
CHR6	7484303	CHR6:7484303	SSF x Far_LoA	-9,0612158	-0,015	0,316
CHR6	7484870	CHR6:7484870	SSF x Far_LoA	-7,49879804	-0,051	0,315
CHR6	7499283	CHR6:7499283	SSF x Far_LoA	-7,47613274	-0,041	0,309
CHR6	7499346	CHR6:7499346	SSF x Far_LoA	-9,29839944	-0,104	0,317
CHR6	7499347	CHR6:7499347	SSF x Far_LoA	-8,44242306	-0,117	0,322
CHR6	7499438	CHR6:7499438	SSF x Far_LoA	-7,34076139	0,079	0,316
CHR6	7501693	CHR6:7501693	SSF x Far_LoA	-12,1688523	0,035	0,298
CHR6	7504000	CHR6:7504000	SSF x Far_LoA	-7,80841188	0,129	0,304
CHR6	7510315	CHR6:7510315	SSF x Far_LoA	-4,54737258	-0,165	0,298
CHR6	7510350	CHR6:7510350	SSF x Far_LoA	-5,56115892	0,135	0,305
CHR6	7510384	CHR6:7510384	SSF x Far_LoA	-7,42449239	-0,095	0,314
CHR6	751536	CHR6:751536	SSF x Far_LoA	-9,53645544	-0,107	0,312
CHR6	751546	CHR6:751546	SSF x Far_LoA	-8,69507581	-0,081	0,310
CHR6	7520036	CHR6:7520036	SSF x Far_LoA	-10,6732649	-0,080	0,297
CHR6	7520101	CHR6:7520101	SSF x Far_LoA	-8,54207583	-0,047	0,292
CHR6	7520162	CHR6:7520162	SSF x Far_LoA	-10,5985127	0,052	0,310
CHR6	7523467	CHR6:7523467	SSF x Far_LoA	-6,36798369	0,022	0,310
CHR6	7523554	CHR6:7523554	SSF x Far_LoA	-2,69662191	-0,040	0,322
CHR6	7523623	CHR6:7523623	SSF x Far_LoA	-7,97836145	-0,074	0,312

CHR6	7535536	CHR6:7535536	SSF x Far_LoA	-6,19616111	0,063	0,311
CHR6	7544709	CHR6:7544709	SSF x Far_LoA	-9,61915727	0,118	0,301
CHR6	7544734	CHR6:7544734	SSF x Far_LoA	-9,24733138	-0,047	0,306
CHR6	7544764	CHR6:7544764	SSF x Far_LoA	-9,86923026	0,006	0,304
CHR6	7544785	CHR6:7544785	SSF x Far_LoA	-7,60429996	0,061	0,315
CHR6	7558549	CHR6:7558549	SSF x Far_LoA	-9,40285587	-0,029	0,320
CHR6	756201	CHR6:756201	SSF x Far_LoA	-10,0485756	-0,089	0,311
CHR6	756317	CHR6:756317	SSF x Far_LoA	-8,88397892	0,108	0,310
CHR6	7563841	CHR6:7563841	SSF x Far_LoA	-12,1848712	-0,072	0,301
CHR6	7563843	CHR6:7563843	SSF x Far_LoA	-11,9442129	-0,053	0,294
CHR6	7563907	CHR6:7563907	SSF x Far_LoA	-7,43957176	-0,056	0,321
CHR6	7571124	CHR6:7571124	SSF x Far_LoA	-3,11444155	-0,176	0,316
CHR6	7573156	CHR6:7573156	SSF x Far_LoA	-8,5272172	0,123	0,305
CHR6	7573193	CHR6:7573193	SSF x Far_LoA	-9,03674659	-0,081	0,313
CHR6	7575019	CHR6:7575019	SSF x Far_LoA	-11,4332862	0,066	0,305
CHR6	7575111	CHR6:7575111	SSF x Far_LoA	-7,36023518	-0,077	0,307
CHR6	7575112	CHR6:7575112	SSF x Far_LoA	-11,2791452	0,023	0,301
CHR6	7576405	CHR6:7576405	SSF x Far_LoA	-9,67262998	-0,124	0,315
CHR6	7576407	CHR6:7576407	SSF x Far_LoA	-8,3398041	0,051	0,292
CHR6	7580230	CHR6:7580230	SSF x Far_LoA	-10,3667519	0,075	0,311
CHR6	7580338	CHR6:7580338	SSF x Far_LoA	-8,95445109	0,027	0,312
CHR6	7606782	CHR6:7606782	SSF x Far_LoA	-11,4321873	0,012	0,300
CHR6	7606799	CHR6:7606799	SSF x Far_LoA	-8,99922798	-0,011	0,316
CHR6	7606802	CHR6:7606802	SSF x Far_LoA	-9,22460945	-0,012	0,306
CHR6	7606821	CHR6:7606821	SSF x Far_LoA	-10,0774506	0,101	0,308
CHR6	7606853	CHR6:7606853	SSF x Far_LoA	-7,93691289	0,136	0,286
CHR6	7606934	CHR6:7606934	SSF x Far_LoA	-8,62561119	0,097	0,319
CHR6	7606983	CHR6:7606983	SSF x Far_LoA	-11,2937617	0,031	0,300
CHR6	7607008	CHR6:7607008	SSF x Far_LoA	-9,79892866	0,037	0,308
CHR6	7620493	CHR6:7620493	SSF x Far_LoA	-8,98194428	-0,031	0,304
CHR6	7620525	CHR6:7620525	SSF x Far_LoA	-8,48202525	0,141	0,298
CHR6	7620592	CHR6:7620592	SSF x Far_LoA	-9,34971469	0,012	0,294
CHR6	7628140	CHR6:7628140	SSF x Far_LoA	-6,95019854	0,132	0,301
CHR6	7628862	CHR6:7628862	SSF x Far_LoA	-8,62591437	-0,062	0,303
CHR6	765082	CHR6:765082	SSF x Far_LoA	-8,15308493	-0,023	0,306
CHR6	765084	CHR6:765084	SSF x Far_LoA	-10,4621385	0,048	0,298
CHR6	765194	CHR6:765194	SSF x Far_LoA	-9,78948602	-0,033	0,285
CHR6	765222	CHR6:765222	SSF x Far_LoA	-7,55372654	-0,093	0,299
CHR6	765238	CHR6:765238	SSF x Far_LoA	-8,82344849	-0,029	0,311
CHR6	7652824	CHR6:7652824	SSF x Far_LoA	-8,51574691	0,014	0,307
CHR6	7669804	CHR6:7669804	SSF x Far_LoA	-10,4994013	-0,028	0,302
CHR6	7669895	CHR6:7669895	SSF x Far_LoA	-9,49432917	-0,004	0,305
CHR6	7669909	CHR6:7669909	SSF x Far_LoA	-8,01387272	-0,094	0,318
CHR6	7683812	CHR6:7683812	SSF x Far_LoA	-9,77843556	0,006	0,304
CHR6	768897	CHR6:768897	SSF x Far_LoA	-11,5276545	-0,098	0,321
CHR6	768969	CHR6:768969	SSF x Far_LoA	-10,7997714	0,015	0,298
CHR6	7697852	CHR6:7697852	SSF x Far_LoA	-11,1432073	-0,068	0,300
CHR6	7698017	CHR6:7698017	SSF x Far_LoA	-7,99550444	-0,102	0,311
CHR6	7698029	CHR6:7698029	SSF x Far_LoA	-10,9070882	0,034	0,289
CHR6	7698063	CHR6:7698063	SSF x Far_LoA	-3,93581117	0,146	0,306
CHR6	7701364	CHR6:7701364	SSF x Far_LoA	-7,23715827	0,138	0,310
CHR6	7723674	CHR6:7723674	SSF x Far_LoA	-10,247016	-0,083	0,308
CHR6	7723711	CHR6:7723711	SSF x Far_LoA	-9,78450951	0,003	0,312

CHR6	7723739	CHR6:7723739	SSF x Far_LoA	-10,188344	0,049	0,308
CHR6	7723773	CHR6:7723773	SSF x Far_LoA	-8,71471439	-0,024	0,311
CHR6	7733712	CHR6:7733712	SSF x Far_LoA	-6,54896999	0,192	0,291
CHR6	7733713	CHR6:7733713	SSF x Far_LoA	-6,56703218	0,160	0,294
CHR6	7733786	CHR6:7733786	SSF x Far_LoA	-6,94548181	0,192	0,297
CHR6	7743038	CHR6:7743038	SSF x Far_LoA	-8,06874926	-0,182	0,304
CHR6	7743039	CHR6:7743039	SSF x Far_LoA	-6,6862638	-0,214	0,296
CHR6	7743125	CHR6:7743125	SSF x Far_LoA	-6,20986466	0,209	0,315
CHR6	7743131	CHR6:7743131	SSF x Far_LoA	-8,67317524	0,170	0,298
CHR6	7745464	CHR6:7745464	SSF x Far_LoA	-8,20033703	0,016	0,308
CHR6	7745607	CHR6:7745607	SSF x Far_LoA	-11,7291437	-0,037	0,302
CHR6	7751233	CHR6:7751233	SSF x Far_LoA	-9,71928671	0,002	0,313
CHR6	7759050	CHR6:7759050	SSF x Far_LoA	-8,45729793	-0,053	0,300
CHR6	776937	CHR6:776937	SSF x Far_LoA	-6,82347072	-0,039	0,317
CHR6	776938	CHR6:776938	SSF x Far_LoA	-8,19715111	0,068	0,302
CHR6	777013	CHR6:777013	SSF x Far_LoA	-10,5343465	0,152	0,294
CHR6	7774664	CHR6:7774664	SSF x Far_LoA	-8,88919322	0,081	0,290
CHR6	7775449	CHR6:7775449	SSF x Far_LoA	-8,79189221	0,030	0,317
CHR6	7779956	CHR6:7779956	SSF x Far_LoA	-8,47427246	0,067	0,325
CHR6	7779957	CHR6:7779957	SSF x Far_LoA	-8,69926937	0,084	0,316
CHR6	7792760	CHR6:7792760	SSF x Far_LoA	-8,03541152	0,062	0,296
CHR6	7792779	CHR6:7792779	SSF x Far_LoA	-10,4428527	0,050	0,313
CHR6	7792826	CHR6:7792826	SSF x Far_LoA	-8,64581711	0,104	0,295
CHR6	7792845	CHR6:7792845	SSF x Far_LoA	-8,2574501	0,093	0,311
CHR6	7792865	CHR6:7792865	SSF x Far_LoA	-6,35696812	0,053	0,299
CHR6	7792885	CHR6:7792885	SSF x Far_LoA	-9,9103048	-0,033	0,294
CHR6	7792892	CHR6:7792892	SSF x Far_LoA	-10,6304296	-0,028	0,306
CHR6	7792933	CHR6:7792933	SSF x Far_LoA	-8,00065636	0,053	0,304
CHR6	7792942	CHR6:7792942	SSF x Far_LoA	-9,61584027	0,018	0,315
CHR6	7797662	CHR6:7797662	SSF x Far_LoA	-11,0411108	0,037	0,305
CHR6	7798318	CHR6:7798318	SSF x Far_LoA	-3,80382903	-0,122	0,293
CHR6	7798357	CHR6:7798357	SSF x Far_LoA	-8,57259005	-0,120	0,304
CHR6	7798368	CHR6:7798368	SSF x Far_LoA	-5,00036774	-0,102	0,309
CHR6	7798377	CHR6:7798377	SSF x Far_LoA	-9,71426713	-0,042	0,317
CHR6	7798382	CHR6:7798382	SSF x Far_LoA	-10,219825	-0,091	0,299
CHR6	7798399	CHR6:7798399	SSF x Far_LoA	-8,54288107	0,082	0,313
CHR6	7809570	CHR6:7809570	SSF x Far_LoA	-9,1711987	0,066	0,319
CHR6	7813329	CHR6:7813329	SSF x Far_LoA	-8,94215367	0,003	0,303
CHR6	7825397	CHR6:7825397	SSF x Far_LoA	-8,59340751	0,091	0,312
CHR6	7829616	CHR6:7829616	SSF x Far_LoA	-7,80663074	0,022	0,305
CHR6	7829626	CHR6:7829626	SSF x Far_LoA	-10,7608985	0,019	0,302
CHR6	7835790	CHR6:7835790	SSF x Far_LoA	-6,43737043	0,123	0,298
CHR6	7864872	CHR6:7864872	SSF x Far_LoA	-9,46335769	0,027	0,313
CHR6	7864925	CHR6:7864925	SSF x Far_LoA	-8,19984878	0,088	0,308
CHR6	7864937	CHR6:7864937	SSF x Far_LoA	-9,29093039	-0,028	0,303
CHR6	7864957	CHR6:7864957	SSF x Far_LoA	-10,3006855	-0,016	0,305
CHR6	7875242	CHR6:7875242	SSF x Far_LoA	-5,8970682	-0,160	0,308
CHR6	7881375	CHR6:7881375	SSF x Far_LoA	-11,66567	0,031	0,319
CHR6	7881390	CHR6:7881390	SSF x Far_LoA	-10,0082553	0,122	0,300
CHR6	7881522	CHR6:7881522	SSF x Far_LoA	-4,21990855	-0,025	0,315
CHR6	7881527	CHR6:7881527	SSF x Far_LoA	-9,54484397	-0,049	0,295
CHR6	7881565	CHR6:7881565	SSF x Far_LoA	-8,04426203	0,010	0,301
CHR6	7881566	CHR6:7881566	SSF x Far_LoA	-9,46608342	0,024	0,301

CHR6	7881567	CHR6:7881567	SSF x Far_LoA	-8,03112494	0,036	0,302
CHR6	7881568	CHR6:7881568	SSF x Far_LoA	-8,98724711	0,034	0,297
CHR6	7886239	CHR6:7886239	SSF x Far_LoA	-8,34343494	0,096	0,309
CHR6	7886328	CHR6:7886328	SSF x Far_LoA	-7,49500342	0,117	0,312
CHR6	7886347	CHR6:7886347	SSF x Far_LoA	-10,2460786	-0,035	0,304
CHR6	7886361	CHR6:7886361	SSF x Far_LoA	-9,77419181	-0,002	0,298
CHR6	7886368	CHR6:7886368	SSF x Far_LoA	-9,57053191	-0,030	0,307
CHR6	7886397	CHR6:7886397	SSF x Far_LoA	-5,59680429	0,148	0,294
CHR6	7886403	CHR6:7886403	SSF x Far_LoA	-8,79203759	0,052	0,306
CHR6	7886410	CHR6:7886410	SSF x Far_LoA	-8,16467415	0,112	0,301
CHR6	7890219	CHR6:7890219	SSF x Far_LoA	-7,51705426	0,084	0,299
CHR6	7890230	CHR6:7890230	SSF x Far_LoA	-8,16454043	0,114	0,305
CHR6	7890331	CHR6:7890331	SSF x Far_LoA	-5,24057173	0,124	0,298
CHR6	7890341	CHR6:7890341	SSF x Far_LoA	-10,9659787	0,033	0,308
CHR6	7890385	CHR6:7890385	SSF x Far_LoA	-8,46611599	-0,070	0,296
CHR6	7890387	CHR6:7890387	SSF x Far_LoA	-10,6406531	0,078	0,300
CHR6	7890467	CHR6:7890467	SSF x Far_LoA	-9,89260493	-0,028	0,315
CHR6	7893439	CHR6:7893439	SSF x Far_LoA	-10,7480174	-0,053	0,315
CHR6	7908301	CHR6:7908301	SSF x Far_LoA	-8,58747434	0,065	0,304
CHR6	7908314	CHR6:7908314	SSF x Far_LoA	-7,3825678	0,157	0,303
CHR6	7908315	CHR6:7908315	SSF x Far_LoA	-6,91639954	-0,094	0,314
CHR6	7908345	CHR6:7908345	SSF x Far_LoA	-6,18362933	-0,098	0,308
CHR6	7908346	CHR6:7908346	SSF x Far_LoA	-8,16400771	-0,083	0,309
CHR6	7908347	CHR6:7908347	SSF x Far_LoA	-10,4179296	-0,068	0,314
CHR6	7908363	CHR6:7908363	SSF x Far_LoA	-8,95073754	0,107	0,306
CHR6	7908395	CHR6:7908395	SSF x Far_LoA	-9,91794318	-0,053	0,310
CHR6	7908432	CHR6:7908432	SSF x Far_LoA	-9,87165079	0,087	0,308
CHR6	7908489	CHR6:7908489	SSF x Far_LoA	-11,0385237	0,072	0,296
CHR6	7913335	CHR6:7913335	SSF x Far_LoA	-10,4820778	-0,023	0,308
CHR6	7913383	CHR6:7913383	SSF x Far_LoA	-7,10755613	-0,093	0,315
CHR6	7926029	CHR6:7926029	SSF x Far_LoA	-5,75983954	-0,083	0,309
CHR6	7926067	CHR6:7926067	SSF x Far_LoA	-10,6151279	0,011	0,299
CHR6	7926077	CHR6:7926077	SSF x Far_LoA	-9,56398544	-0,021	0,313
CHR6	7926102	CHR6:7926102	SSF x Far_LoA	-11,2158404	-0,065	0,318
CHR6	7926254	CHR6:7926254	SSF x Far_LoA	-7,9742413	0,126	0,320
CHR6	7926257	CHR6:7926257	SSF x Far_LoA	-9,0529589	0,084	0,309
CHR6	7926261	CHR6:7926261	SSF x Far_LoA	-8,17161758	0,098	0,297
CHR6	7930106	CHR6:7930106	SSF x Far_LoA	-5,05291061	-0,192	0,301
CHR6	7930170	CHR6:7930170	SSF x Far_LoA	-8,6560655	0,128	0,301
CHR6	7930191	CHR6:7930191	SSF x Far_LoA	-8,79222464	-0,182	0,305
CHR6	793187	CHR6:793187	SSF x Far_LoA	-10,1654154	-0,024	0,301
CHR6	7933136	CHR6:7933136	SSF x Far_LoA	-8,77630663	-0,086	0,304
CHR6	7933214	CHR6:7933214	SSF x Far_LoA	-10,029204	0,075	0,302
CHR6	7933261	CHR6:7933261	SSF x Far_LoA	-11,8553961	0,020	0,296
CHR6	7935152	CHR6:7935152	SSF x Far_LoA	-10,1593041	-0,114	0,307
CHR6	7935179	CHR6:7935179	SSF x Far_LoA	-8,44080943	0,000	0,312
CHR6	7935835	CHR6:7935835	SSF x Far_LoA	-10,8380944	-0,051	0,310
CHR6	7935896	CHR6:7935896	SSF x Far_LoA	-10,2706094	0,022	0,298
CHR6	7935917	CHR6:7935917	SSF x Far_LoA	-9,56968622	-0,045	0,312
CHR6	7935968	CHR6:7935968	SSF x Far_LoA	-4,87985865	0,035	0,313
CHR6	7947424	CHR6:7947424	SSF x Far_LoA	-2,2603661	-0,123	0,302
CHR6	7950976	CHR6:7950976	SSF x Far_LoA	-7,99049188	-0,151	0,309
CHR6	7953637	CHR6:7953637	SSF x Far_LoA	-7,91332006	0,014	0,314

CHR6	7953732	CHR6:7953732	SSF x Far_LoA	-11,5063791	0,097	0,302
CHR6	7956921	CHR6:7956921	SSF x Far_LoA	-7,3588895	-0,151	0,308
CHR6	7965714	CHR6:7965714	SSF x Far_LoA	-12,4439643	-0,032	0,308
CHR6	7965806	CHR6:7965806	SSF x Far_LoA	-2,90876442	0,158	0,297
CHR6	7975289	CHR6:7975289	SSF x Far_LoA	-9,87960451	0,013	0,303
CHR6	7975305	CHR6:7975305	SSF x Far_LoA	-9,58233635	0,006	0,309
CHR6	7980978	CHR6:7980978	SSF x Far_LoA	-12,0591748	0,066	0,301
CHR6	7984324	CHR6:7984324	SSF x Far_LoA	-8,62661693	0,120	0,294
CHR6	7984344	CHR6:7984344	SSF x Far_LoA	-11,1719733	0,089	0,301
CHR6	7984407	CHR6:7984407	SSF x Far_LoA	-10,4936585	-0,070	0,308
CHR6	7984413	CHR6:7984413	SSF x Far_LoA	-9,51892004	-0,059	0,311
CHR6	7984473	CHR6:7984473	SSF x Far_LoA	-10,8032343	-0,032	0,304
CHR6	7984479	CHR6:7984479	SSF x Far_LoA	-10,4779786	-0,006	0,310
CHR6	7990741	CHR6:7990741	SSF x Far_LoA	-10,2084214	-0,030	0,313
CHR6	7990757	CHR6:7990757	SSF x Far_LoA	-11,9562966	-0,034	0,307
CHR6	7990759	CHR6:7990759	SSF x Far_LoA	-8,42435907	0,101	0,305
CHR6	8002336	CHR6:8002336	SSF x Far_LoA	-9,75455119	0,098	0,303
CHR6	8002388	CHR6:8002388	SSF x Far_LoA	-7,58993436	0,086	0,294
CHR6	8003629	CHR6:8003629	SSF x Far_LoA	-9,47516918	0,171	0,292
CHR6	8003778	CHR6:8003778	SSF x Far_LoA	-6,04557046	0,074	0,310
CHR6	8014168	CHR6:8014168	SSF x Far_LoA	-10,4517192	0,043	0,315
CHR6	8014230	CHR6:8014230	SSF x Far_LoA	-11,6330428	0,025	0,300
CHR6	8016094	CHR6:8016094	SSF x Far_LoA	-4,3355235	0,114	0,305
CHR6	8016152	CHR6:8016152	SSF x Far_LoA	-9,37312415	-0,048	0,316
CHR6	8016166	CHR6:8016166	SSF x Far_LoA	-9,99511303	-0,090	0,301
CHR6	8016167	CHR6:8016167	SSF x Far_LoA	-10,7457152	-0,100	0,306
CHR6	8016835	CHR6:8016835	SSF x Far_LoA	-11,9373029	-0,108	0,298
CHR6	8016906	CHR6:8016906	SSF x Far_LoA	-7,95479763	-0,101	0,316
CHR6	8020043	CHR6:8020043	SSF x Far_LoA	-8,66643549	0,058	0,312
CHR6	8020062	CHR6:8020062	SSF x Far_LoA	-10,7536495	0,039	0,304
CHR6	8020082	CHR6:8020082	SSF x Far_LoA	-7,05354111	-0,174	0,291
CHR6	8020095	CHR6:8020095	SSF x Far_LoA	-6,98289921	-0,172	0,290
CHR6	8020108	CHR6:8020108	SSF x Far_LoA	-6,94580787	-0,168	0,303
CHR6	8020111	CHR6:8020111	SSF x Far_LoA	-7,68551043	-0,163	0,300
CHR6	8020113	CHR6:8020113	SSF x Far_LoA	-5,79135691	-0,158	0,307
CHR6	8020119	CHR6:8020119	SSF x Far_LoA	-6,06110192	-0,170	0,297
CHR6	8020140	CHR6:8020140	SSF x Far_LoA	-3,0416389	-0,177	0,293
CHR6	8020145	CHR6:8020145	SSF x Far_LoA	-6,90635571	-0,159	0,312
CHR6	8020146	CHR6:8020146	SSF x Far_LoA	-6,09227696	-0,178	0,304
CHR6	8020193	CHR6:8020193	SSF x Far_LoA	-9,18576922	0,102	0,298
CHR6	8020200	CHR6:8020200	SSF x Far_LoA	-5,64994111	0,099	0,299
CHR6	8020216	CHR6:8020216	SSF x Far_LoA	-10,9519491	0,007	0,314
CHR6	8023664	CHR6:8023664	SSF x Far_LoA	-4,5775054	-0,133	0,306
CHR6	8023692	CHR6:8023692	SSF x Far_LoA	-8,78334453	-0,002	0,330
CHR6	8023758	CHR6:8023758	SSF x Far_LoA	-12,313858	0,008	0,302
CHR6	8023855	CHR6:8023855	SSF x Far_LoA	-6,87695052	-0,084	0,307
CHR6	8023879	CHR6:8023879	SSF x Far_LoA	-10,1066524	-0,059	0,314
CHR6	8023924	CHR6:8023924	SSF x Far_LoA	-9,40865194	0,002	0,319
CHR6	8028327	CHR6:8028327	SSF x Far_LoA	-9,2022658	-0,039	0,315
CHR6	8034662	CHR6:8034662	SSF x Far_LoA	-10,0285658	0,067	0,303
CHR6	8034707	CHR6:8034707	SSF x Far_LoA	-11,8250877	0,081	0,317
CHR6	8034774	CHR6:8034774	SSF x Far_LoA	-6,2657921	-0,024	0,311
CHR6	8035975	CHR6:8035975	SSF x Far_LoA	-8,90973825	-0,080	0,308

CHR6	8037846	CHR6:8037846	SSF x Far_LoA	-4,46808116	-0,158	0,308
CHR6	8038168	CHR6:8038168	SSF x Far_LoA	-10,7096425	0,028	0,305
CHR6	8049521	CHR6:8049521	SSF x Far_LoA	-6,74713366	0,003	0,309
CHR6	8049581	CHR6:8049581	SSF x Far_LoA	-9,5183179	-0,017	0,312
CHR6	8049583	CHR6:8049583	SSF x Far_LoA	-10,9056106	-0,014	0,297
CHR6	8052596	CHR6:8052596	SSF x Far_LoA	-11,4823763	-0,092	0,306
CHR6	8052677	CHR6:8052677	SSF x Far_LoA	-9,25168172	-0,054	0,312
CHR6	8054335	CHR6:8054335	SSF x Far_LoA	-10,7972269	-0,091	0,311
CHR6	8054357	CHR6:8054357	SSF x Far_LoA	-6,69903713	0,199	0,305
CHR6	8054543	CHR6:8054543	SSF x Far_LoA	-11,6584772	0,079	0,299
CHR6	8068264	CHR6:8068264	SSF x Far_LoA	-10,2362337	0,079	0,316
CHR6	8068312	CHR6:8068312	SSF x Far_LoA	-10,4895325	0,044	0,303
CHR6	8068314	CHR6:8068314	SSF x Far_LoA	-11,7987996	0,028	0,305
CHR6	8068337	CHR6:8068337	SSF x Far_LoA	-11,8904981	-0,002	0,304
CHR6	8068350	CHR6:8068350	SSF x Far_LoA	-10,0483584	-0,043	0,297
CHR6	8068538	CHR6:8068538	SSF x Far_LoA	-8,5447564	0,059	0,300
CHR6	8069904	CHR6:8069904	SSF x Far_LoA	-9,42332738	0,038	0,303
CHR6	8069919	CHR6:8069919	SSF x Far_LoA	-9,07604326	-0,017	0,315
CHR6	8069959	CHR6:8069959	SSF x Far_LoA	-8,68489457	0,090	0,300
CHR6	8069978	CHR6:8069978	SSF x Far_LoA	-9,86063386	0,118	0,309
CHR6	8071894	CHR6:8071894	SSF x Far_LoA	-9,68063052	-0,036	0,311
CHR6	8071906	CHR6:8071906	SSF x Far_LoA	-11,7332148	-0,044	0,302
CHR6	8071907	CHR6:8071907	SSF x Far_LoA	-12,7069978	-0,028	0,299
CHR6	8071952	CHR6:8071952	SSF x Far_LoA	-11,2101793	-0,066	0,308
CHR6	8071991	CHR6:8071991	SSF x Far_LoA	-9,13878563	0,096	0,304
CHR6	8072044	CHR6:8072044	SSF x Far_LoA	-8,56260008	0,070	0,317
CHR6	8073664	CHR6:8073664	SSF x Far_LoA	-8,52511482	-0,174	0,292
CHR6	8081676	CHR6:8081676	SSF x Far_LoA	-10,2146567	-0,004	0,295
CHR6	8081693	CHR6:8081693	SSF x Far_LoA	-10,7816741	0,005	0,297
CHR6	8081846	CHR6:8081846	SSF x Far_LoA	-10,0786297	-0,008	0,294
CHR6	8086632	CHR6:8086632	SSF x Far_LoA	-9,03929907	0,049	0,307
CHR6	8086665	CHR6:8086665	SSF x Far_LoA	-4,11284815	0,128	0,305
CHR6	8091736	CHR6:8091736	SSF x Far_LoA	-10,9391088	-0,010	0,311
CHR6	8093413	CHR6:8093413	SSF x Far_LoA	-8,73800696	0,097	0,308
CHR6	8093414	CHR6:8093414	SSF x Far_LoA	-10,4767027	0,128	0,295
CHR6	8093459	CHR6:8093459	SSF x Far_LoA	-8,89828376	0,108	0,302
CHR6	8093501	CHR6:8093501	SSF x Far_LoA	-11,8813119	0,021	0,305
CHR6	8093508	CHR6:8093508	SSF x Far_LoA	-8,98749842	0,024	0,316
CHR6	8093545	CHR6:8093545	SSF x Far_LoA	-11,2348426	-0,038	0,304
CHR6	8099848	CHR6:8099848	SSF x Far_LoA	-0,61212717	0,197	0,300
CHR6	8099852	CHR6:8099852	SSF x Far_LoA	-7,90946972	0,191	0,287
CHR6	8099862	CHR6:8099862	SSF x Far_LoA	-9,94151212	-0,110	0,301
CHR6	8110004	CHR6:8110004	SSF x Far_LoA	-6,82789249	0,206	0,285
CHR6	8110025	CHR6:8110025	SSF x Far_LoA	-9,39857563	-0,060	0,310
CHR6	8110056	CHR6:8110056	SSF x Far_LoA	-8,92186227	-0,079	0,302
CHR6	8110118	CHR6:8110118	SSF x Far_LoA	-8,48713008	-0,145	0,288
CHR6	8110147	CHR6:8110147	SSF x Far_LoA	-7,67940421	-0,048	0,297
CHR6	8110165	CHR6:8110165	SSF x Far_LoA	-10,685477	-0,011	0,316
CHR6	8110174	CHR6:8110174	SSF x Far_LoA	-10,1006248	-0,020	0,319
CHR6	8110183	CHR6:8110183	SSF x Far_LoA	-9,39342766	-0,031	0,314
CHR6	8110219	CHR6:8110219	SSF x Far_LoA	-8,42661101	-0,085	0,322
CHR6	8128827	CHR6:8128827	SSF x Far_LoA	-11,1787545	-0,015	0,303
CHR6	8135297	CHR6:8135297	SSF x Far_LoA	-8,34480933	0,149	0,306

CHR6	813562	CHR6:813562	SSF x Far_LoA	-11,0579629	0,055	0,307
CHR6	813594	CHR6:813594	SSF x Far_LoA	-10,3751942	-0,085	0,299
CHR6	8164822	CHR6:8164822	SSF x Far_LoA	-9,95594035	0,048	0,298
CHR6	8164845	CHR6:8164845	SSF x Far_LoA	-10,4656797	-0,023	0,307
CHR6	8164883	CHR6:8164883	SSF x Far_LoA	-9,50416768	-0,045	0,304
CHR6	8165097	CHR6:8165097	SSF x Far_LoA	-8,08774094	0,125	0,293
CHR6	8166227	CHR6:8166227	SSF x Far_LoA	-9,80320423	-0,022	0,308
CHR6	8166232	CHR6:8166232	SSF x Far_LoA	-11,7162531	-0,003	0,315
CHR6	8166927	CHR6:8166927	SSF x Far_LoA	-7,06472622	-0,128	0,284
CHR6	8167039	CHR6:8167039	SSF x Far_LoA	-10,8092548	-0,071	0,304
CHR6	8169620	CHR6:8169620	SSF x Far_LoA	-9,14753715	-0,109	0,312
CHR6	818934	CHR6:818934	SSF x Far_LoA	-9,50750532	-0,038	0,309
CHR6	818984	CHR6:818984	SSF x Far_LoA	-3,13319775	0,017	0,315
CHR6	819020	CHR6:819020	SSF x Far_LoA	-9,95516857	0,032	0,311
CHR6	819051	CHR6:819051	SSF x Far_LoA	-10,0897131	0,049	0,306
CHR6	819110	CHR6:819110	SSF x Far_LoA	-11,2645915	-0,058	0,307
CHR6	8194515	CHR6:8194515	SSF x Far_LoA	-6,99213862	-0,122	0,308
CHR6	8196464	CHR6:8196464	SSF x Far_LoA	-10,9071371	-0,020	0,305
CHR6	8201511	CHR6:8201511	SSF x Far_LoA	-9,27417774	-0,046	0,304
CHR6	8201516	CHR6:8201516	SSF x Far_LoA	-6,93948921	-0,061	0,311
CHR6	8201529	CHR6:8201529	SSF x Far_LoA	-9,44572801	-0,051	0,302
CHR6	8201566	CHR6:8201566	SSF x Far_LoA	-9,3701229	-0,048	0,293
CHR6	8201596	CHR6:8201596	SSF x Far_LoA	-6,0452113	-0,013	0,318
CHR6	8213719	CHR6:8213719	SSF x Far_LoA	-10,3493654	-0,004	0,298
CHR6	8220113	CHR6:8220113	SSF x Far_LoA	-8,97172947	0,094	0,295
CHR6	8220114	CHR6:8220114	SSF x Far_LoA	-7,17759738	-0,089	0,303
CHR6	8226616	CHR6:8226616	SSF x Far_LoA	-9,33514162	0,097	0,301
CHR6	8244475	CHR6:8244475	SSF x Far_LoA	-11,211792	-0,034	0,296
CHR6	8256232	CHR6:8256232	SSF x Far_LoA	-10,1070225	-0,039	0,312
CHR6	8256255	CHR6:8256255	SSF x Far_LoA	-9,15121474	0,098	0,310
CHR6	8256276	CHR6:8256276	SSF x Far_LoA	-8,95335494	-0,004	0,312
CHR6	8256286	CHR6:8256286	SSF x Far_LoA	-11,590508	0,111	0,292
CHR6	8256337	CHR6:8256337	SSF x Far_LoA	-11,2238013	0,002	0,294
CHR6	8258611	CHR6:8258611	SSF x Far_LoA	-9,6000647	-0,041	0,324
CHR6	8269254	CHR6:8269254	SSF x Far_LoA	-10,290075	-0,062	0,304
CHR6	8269258	CHR6:8269258	SSF x Far_LoA	-8,10588689	-0,064	0,303
CHR6	8270979	CHR6:8270979	SSF x Far_LoA	-10,4857876	0,001	0,305
CHR6	8284296	CHR6:8284296	SSF x Far_LoA	-10,9769807	-0,111	0,295
CHR6	8284318	CHR6:8284318	SSF x Far_LoA	-9,05421243	0,039	0,302
CHR6	8284357	CHR6:8284357	SSF x Far_LoA	-10,4029163	0,025	0,297
CHR6	8296827	CHR6:8296827	SSF x Far_LoA	-9,7167084	0,019	0,306
CHR6	8296860	CHR6:8296860	SSF x Far_LoA	-8,73086554	0,137	0,296
CHR6	8296862	CHR6:8296862	SSF x Far_LoA	-11,4332704	0,021	0,301
CHR6	8296907	CHR6:8296907	SSF x Far_LoA	-9,06467878	-0,021	0,294
CHR6	8296985	CHR6:8296985	SSF x Far_LoA	-8,11164559	-0,190	0,298
CHR6	8297029	CHR6:8297029	SSF x Far_LoA	-8,3076362	0,002	0,305
CHR6	8297047	CHR6:8297047	SSF x Far_LoA	-8,84563394	-0,034	0,315
CHR6	8298561	CHR6:8298561	SSF x Far_LoA	-8,39849963	-0,070	0,302
CHR6	8302695	CHR6:8302695	SSF x Far_LoA	-3,53488346	-0,194	0,292
CHR6	8315208	CHR6:8315208	SSF x Far_LoA	-9,19444492	-0,029	0,318
CHR6	8315219	CHR6:8315219	SSF x Far_LoA	-8,80828358	-0,032	0,305
CHR6	8323809	CHR6:8323809	SSF x Far_LoA	-10,0202	-0,054	0,308
CHR6	8323909	CHR6:8323909	SSF x Far_LoA	0,20777963	-0,117	0,318

CHR6	8334779	CHR6:8334779	SSF x Far_LoA	-10,4226084	-0,059	0,313
CHR6	8347876	CHR6:8347876	SSF x Far_LoA	-9,76475503	-0,058	0,304
CHR6	8347920	CHR6:8347920	SSF x Far_LoA	-7,46578617	0,120	0,300
CHR6	8353077	CHR6:8353077	SSF x Far_LoA	-9,60205987	0,066	0,311
CHR6	8353079	CHR6:8353079	SSF x Far_LoA	-10,0031505	0,158	0,294
CHR6	8353989	CHR6:8353989	SSF x Far_LoA	-7,98705499	0,047	0,302
CHR6	8359607	CHR6:8359607	SSF x Far_LoA	-9,33916131	0,106	0,308
CHR6	8376755	CHR6:8376755	SSF x Far_LoA	-11,2499042	0,070	0,307
CHR6	8391501	CHR6:8391501	SSF x Far_LoA	-8,02385171	0,015	0,317
CHR6	8391581	CHR6:8391581	SSF x Far_LoA	-8,24205667	0,070	0,303
CHR6	8413317	CHR6:8413317	SSF x Far_LoA	-7,51174799	-0,034	0,307
CHR6	8413335	CHR6:8413335	SSF x Far_LoA	-8,75368161	-0,066	0,297
CHR6	8413438	CHR6:8413438	SSF x Far_LoA	-7,93521275	0,032	0,312
CHR6	8413491	CHR6:8413491	SSF x Far_LoA	-9,15504233	-0,026	0,313
CHR6	8423671	CHR6:8423671	SSF x Far_LoA	-10,2246947	-0,160	0,315
CHR6	8423680	CHR6:8423680	SSF x Far_LoA	-9,46668219	-0,010	0,299
CHR6	8423729	CHR6:8423729	SSF x Far_LoA	-6,57025943	0,218	0,281
CHR6	8423749	CHR6:8423749	SSF x Far_LoA	-1,96566695	-0,191	0,292
CHR6	8452704	CHR6:8452704	SSF x Far_LoA	-7,53566266	0,036	0,323
CHR6	8452748	CHR6:8452748	SSF x Far_LoA	-7,21057733	-0,134	0,304
CHR6	8452780	CHR6:8452780	SSF x Far_LoA	-9,66175631	-0,084	0,292
CHR6	8459503	CHR6:8459503	SSF x Far_LoA	0,71183596	-0,031	0,311
CHR6	8459522	CHR6:8459522	SSF x Far_LoA	-7,83416956	0,082	0,306
CHR6	8459567	CHR6:8459567	SSF x Far_LoA	-11,7333504	-0,055	0,307
CHR6	8464966	CHR6:8464966	SSF x Far_LoA	-8,4066592	0,174	0,288
CHR6	8465618	CHR6:8465618	SSF x Far_LoA	-10,1615029	-0,127	0,298
CHR6	8479970	CHR6:8479970	SSF x Far_LoA	-7,44323694	0,005	0,316
CHR6	8479972	CHR6:8479972	SSF x Far_LoA	-10,3578353	-0,121	0,308
CHR6	8480000	CHR6:8480000	SSF x Far_LoA	-10,3755044	-0,054	0,296
CHR6	8480018	CHR6:8480018	SSF x Far_LoA	-9,08750473	0,137	0,292
CHR6	8480024	CHR6:8480024	SSF x Far_LoA	-8,03576669	0,047	0,317
CHR6	8480163	CHR6:8480163	SSF x Far_LoA	-7,72352645	-0,135	0,306
CHR6	8483783	CHR6:8483783	SSF x Far_LoA	-9,74781146	-0,129	0,301
CHR6	8483812	CHR6:8483812	SSF x Far_LoA	-9,57878431	0,071	0,295
CHR6	8483824	CHR6:8483824	SSF x Far_LoA	-8,97966717	0,013	0,305
CHR6	8483971	CHR6:8483971	SSF x Far_LoA	-11,6872882	-0,084	0,297
CHR6	849647	CHR6:849647	SSF x Far_LoA	-6,90002781	-0,155	0,311
CHR6	8497278	CHR6:8497278	SSF x Far_LoA	-8,2615186	-0,075	0,305
CHR6	8497324	CHR6:8497324	SSF x Far_LoA	-8,46038564	-0,005	0,317
CHR6	8497371	CHR6:8497371	SSF x Far_LoA	-9,71462334	0,040	0,321
CHR6	8499003	CHR6:8499003	SSF x Far_LoA	-10,059534	-0,115	0,302
CHR6	8499011	CHR6:8499011	SSF x Far_LoA	-7,95435154	0,024	0,305
CHR6	8500260	CHR6:8500260	SSF x Far_LoA	-9,50287175	-0,091	0,309
CHR6	8500271	CHR6:8500271	SSF x Far_LoA	-7,40864248	-0,119	0,311
CHR6	850267	CHR6:850267	SSF x Far_LoA	-10,9412453	0,005	0,304
CHR6	8503674	CHR6:8503674	SSF x Far_LoA	-10,4223193	0,027	0,312
CHR6	8503698	CHR6:8503698	SSF x Far_LoA	-10,0427909	-0,005	0,310
CHR6	8508250	CHR6:8508250	SSF x Far_LoA	-8,7419029	-0,023	0,306
CHR6	8508328	CHR6:8508328	SSF x Far_LoA	-9,02253337	-0,015	0,312
CHR6	8508337	CHR6:8508337	SSF x Far_LoA	-8,77391922	0,029	0,300
CHR6	8516287	CHR6:8516287	SSF x Far_LoA	-11,2196968	0,038	0,316
CHR6	8516304	CHR6:8516304	SSF x Far_LoA	-5,8863329	0,127	0,295
CHR6	8527062	CHR6:8527062	SSF x Far_LoA	-6,14367628	-0,030	0,305

CHR6	8527149	CHR6:8527149	SSF x Far_LoA	-8,92319079	0,025	0,318
CHR6	8527191	CHR6:8527191	SSF x Far_LoA	-8,99933177	0,063	0,308
CHR6	8528142	CHR6:8528142	SSF x Far_LoA	-8,85023602	-0,028	0,309
CHR6	8528224	CHR6:8528224	SSF x Far_LoA	-10,9705354	0,163	0,280
CHR6	8528245	CHR6:8528245	SSF x Far_LoA	-6,65686804	-0,187	0,299
CHR6	8528248	CHR6:8528248	SSF x Far_LoA	-8,0055035	0,075	0,320
CHR6	8536453	CHR6:8536453	SSF x Far_LoA	-11,1829675	-0,027	0,311
CHR6	8554040	CHR6:8554040	SSF x Far_LoA	-7,65436163	0,134	0,300
CHR6	8574271	CHR6:8574271	SSF x Far_LoA	-10,9152397	0,060	0,295
CHR6	8574502	CHR6:8574502	SSF x Far_LoA	-7,59030531	-0,097	0,303
CHR6	8582589	CHR6:8582589	SSF x Far_LoA	-8,07791159	0,070	0,299
CHR6	8582669	CHR6:8582669	SSF x Far_LoA	-8,51248106	0,003	0,306
CHR6	8582695	CHR6:8582695	SSF x Far_LoA	-11,4402902	0,056	0,301
CHR6	8583142	CHR6:8583142	SSF x Far_LoA	-7,41994993	-0,129	0,297
CHR6	8583155	CHR6:8583155	SSF x Far_LoA	-8,88137208	-0,102	0,314
CHR6	8590366	CHR6:8590366	SSF x Far_LoA	-12,0064212	-0,039	0,312
CHR6	8590380	CHR6:8590380	SSF x Far_LoA	5,93838245	-0,137	0,315
CHR6	8622315	CHR6:8622315	SSF x Far_LoA	-8,88505495	-0,092	0,310
CHR6	8627881	CHR6:8627881	SSF x Far_LoA	-8,0719207	0,007	0,310
CHR6	8631634	CHR6:8631634	SSF x Far_LoA	-8,59768596	-0,044	0,317
CHR6	8633582	CHR6:8633582	SSF x Far_LoA	-9,09136338	0,077	0,309
CHR6	8637152	CHR6:8637152	SSF x Far_LoA	-10,4313463	-0,134	0,308
CHR6	8637161	CHR6:8637161	SSF x Far_LoA	-8,74402715	-0,028	0,310
CHR6	8637233	CHR6:8637233	SSF x Far_LoA	-10,3879357	-0,126	0,310
CHR6	8637236	CHR6:8637236	SSF x Far_LoA	-10,2578335	-0,063	0,295
CHR6	8637356	CHR6:8637356	SSF x Far_LoA	-8,38086222	0,007	0,315
CHR6	8641749	CHR6:8641749	SSF x Far_LoA	-8,22166212	-0,088	0,309
CHR6	8641825	CHR6:8641825	SSF x Far_LoA	-9,9092308	0,019	0,317
CHR6	8641842	CHR6:8641842	SSF x Far_LoA	-1,93211113	0,154	0,304
CHR6	8643880	CHR6:8643880	SSF x Far_LoA	-10,1128656	0,085	0,309
CHR6	8643994	CHR6:8643994	SSF x Far_LoA	-0,61299694	-0,124	0,317
CHR6	8644023	CHR6:8644023	SSF x Far_LoA	-7,38305783	-0,006	0,314
CHR6	8654205	CHR6:8654205	SSF x Far_LoA	-10,842832	-0,046	0,300
CHR6	8654235	CHR6:8654235	SSF x Far_LoA	-6,96209191	0,060	0,307
CHR6	8654282	CHR6:8654282	SSF x Far_LoA	-5,88273019	0,118	0,297
CHR6	8657128	CHR6:8657128	SSF x Far_LoA	-8,22100401	-0,067	0,287
CHR6	8682124	CHR6:8682124	SSF x Far_LoA	-10,6729947	-0,018	0,319
CHR6	8683963	CHR6:8683963	SSF x Far_LoA	-10,9961296	0,052	0,295
CHR6	8683981	CHR6:8683981	SSF x Far_LoA	-7,97615692	-0,100	0,317
CHR6	8684041	CHR6:8684041	SSF x Far_LoA	-7,29214415	0,077	0,318
CHR6	8689325	CHR6:8689325	SSF x Far_LoA	-8,8243513	0,019	0,304
CHR6	869450	CHR6:869450	SSF x Far_LoA	-7,40428846	-0,100	0,302
CHR6	869494	CHR6:869494	SSF x Far_LoA	-9,02648002	0,034	0,311
CHR6	8705385	CHR6:8705385	SSF x Far_LoA	-10,6834626	0,044	0,305
CHR6	8705588	CHR6:8705588	SSF x Far_LoA	-9,84076817	0,037	0,304
CHR6	8724196	CHR6:8724196	SSF x Far_LoA	-11,8901373	-0,055	0,304
CHR6	8730874	CHR6:8730874	SSF x Far_LoA	2,90813261	0,278	0,285
CHR6	8730962	CHR6:8730962	SSF x Far_LoA	-6,95584343	0,226	0,294
CHR6	8730988	CHR6:8730988	SSF x Far_LoA	-8,42162297	0,031	0,302
CHR6	8731040	CHR6:8731040	SSF x Far_LoA	-9,26774229	0,040	0,303
CHR6	8736567	CHR6:8736567	SSF x Far_LoA	-8,7589897	-0,063	0,319
CHR6	8736752	CHR6:8736752	SSF x Far_LoA	-11,2204161	-0,040	0,310
CHR6	8748768	CHR6:8748768	SSF x Far_LoA	-8,81589509	-0,020	0,305

CHR6	8748783	CHR6:8748783	SSF x Far_LoA	-10,656605	0,038	0,288
CHR6	8748794	CHR6:8748794	SSF x Far_LoA	-8,50074629	0,011	0,307
CHR6	8748815	CHR6:8748815	SSF x Far_LoA	-8,57511695	0,028	0,333
CHR6	8748843	CHR6:8748843	SSF x Far_LoA	-8,06303351	0,022	0,312
CHR6	8759533	CHR6:8759533	SSF x Far_LoA	-9,30045437	0,009	0,309
CHR6	8759554	CHR6:8759554	SSF x Far_LoA	-7,8346213	-0,058	0,302
CHR6	8759588	CHR6:8759588	SSF x Far_LoA	-8,08872523	-0,082	0,293
CHR6	8759622	CHR6:8759622	SSF x Far_LoA	-9,55147328	-0,066	0,303
CHR6	8761967	CHR6:8761967	SSF x Far_LoA	-9,48153838	0,010	0,303
CHR6	8762874	CHR6:8762874	SSF x Far_LoA	-11,1190156	-0,047	0,305
CHR6	877028	CHR6:877028	SSF x Far_LoA	-9,08334992	0,123	0,318
CHR6	877075	CHR6:877075	SSF x Far_LoA	-10,7864194	-0,047	0,307
CHR6	877101	CHR6:877101	SSF x Far_LoA	-10,2001182	-0,036	0,304
CHR6	877131	CHR6:877131	SSF x Far_LoA	-8,90640558	0,039	0,318
CHR6	877187	CHR6:877187	SSF x Far_LoA	-8,94315289	-0,190	0,288
CHR6	877292	CHR6:877292	SSF x Far_LoA	-11,3885534	0,036	0,301
CHR6	8773981	CHR6:8773981	SSF x Far_LoA	-10,9328072	-0,024	0,309
CHR6	8780598	CHR6:8780598	SSF x Far_LoA	-10,2877286	-0,085	0,298
CHR6	8780729	CHR6:8780729	SSF x Far_LoA	-8,64655649	-0,047	0,292
CHR6	8782830	CHR6:8782830	SSF x Far_LoA	-11,0266191	0,079	0,297
CHR6	8782940	CHR6:8782940	SSF x Far_LoA	-11,4543579	0,061	0,309
CHR6	8793685	CHR6:8793685	SSF x Far_LoA	-9,03004031	-0,136	0,313
CHR6	8793691	CHR6:8793691	SSF x Far_LoA	-8,57074166	0,143	0,300
CHR6	8810112	CHR6:8810112	SSF x Far_LoA	-11,832036	-0,026	0,306
CHR6	8810277	CHR6:8810277	SSF x Far_LoA	-10,2020216	-0,024	0,304
CHR6	8810299	CHR6:8810299	SSF x Far_LoA	-10,5785703	-0,030	0,305
CHR6	881771	CHR6:881771	SSF x Far_LoA	-6,69581768	0,147	0,289
CHR6	881781	CHR6:881781	SSF x Far_LoA	-9,48045901	0,013	0,298
CHR6	881868	CHR6:881868	SSF x Far_LoA	-8,97776259	-0,026	0,300
CHR6	881911	CHR6:881911	SSF x Far_LoA	-9,83095558	-0,010	0,313
CHR6	8879957	CHR6:8879957	SSF x Far_LoA	-9,53287873	0,047	0,299
CHR6	8889980	CHR6:8889980	SSF x Far_LoA	-8,35991838	0,067	0,315
CHR6	8890013	CHR6:8890013	SSF x Far_LoA	-9,2003711	0,012	0,321
CHR6	8890024	CHR6:8890024	SSF x Far_LoA	-10,0782056	0,072	0,289
CHR6	8894475	CHR6:8894475	SSF x Far_LoA	-10,6960879	-0,003	0,302
CHR6	8899079	CHR6:8899079	SSF x Far_LoA	-10,0228917	0,008	0,305
CHR6	8899097	CHR6:8899097	SSF x Far_LoA	-9,14048902	-0,016	0,309
CHR6	8899203	CHR6:8899203	SSF x Far_LoA	-9,9957671	-0,067	0,320
CHR6	8906792	CHR6:8906792	SSF x Far_LoA	-9,11262826	-0,064	0,319
CHR6	8906817	CHR6:8906817	SSF x Far_LoA	-9,95465144	0,086	0,305
CHR6	8906979	CHR6:8906979	SSF x Far_LoA	-7,7113327	0,000	0,309
CHR6	8908327	CHR6:8908327	SSF x Far_LoA	-5,8747822	-0,060	0,309
CHR6	8908476	CHR6:8908476	SSF x Far_LoA	-6,12522465	-0,142	0,303
CHR6	8913838	CHR6:8913838	SSF x Far_LoA	-7,92428471	-0,001	0,305
CHR6	8913868	CHR6:8913868	SSF x Far_LoA	-7,11016169	-0,057	0,299
CHR6	8913877	CHR6:8913877	SSF x Far_LoA	-8,46868259	0,027	0,300
CHR6	8913893	CHR6:8913893	SSF x Far_LoA	-8,62507127	-0,008	0,311
CHR6	8922177	CHR6:8922177	SSF x Far_LoA	-6,37803823	0,110	0,288
CHR6	8932300	CHR6:8932300	SSF x Far_LoA	-10,4289478	0,039	0,306
CHR6	8935327	CHR6:8935327	SSF x Far_LoA	-9,2461499	-0,131	0,296
CHR6	8935513	CHR6:8935513	SSF x Far_LoA	-5,79137514	-0,168	0,299
CHR6	8940637	CHR6:8940637	SSF x Far_LoA	-9,23479499	0,003	0,298
CHR6	8940786	CHR6:8940786	SSF x Far_LoA	-9,70906387	-0,025	0,310

CHR6	8946783	CHR6:8946783	SSF x Far_LoA	-11,1727898	0,046	0,305
CHR6	8946794	CHR6:8946794	SSF x Far_LoA	-7,15361058	-0,010	0,314
CHR6	8946837	CHR6:8946837	SSF x Far_LoA	-10,0140712	0,046	0,308
CHR6	895055	CHR6:895055	SSF x Far_LoA	-8,95928378	-0,073	0,304
CHR6	8951140	CHR6:8951140	SSF x Far_LoA	-9,21834624	-0,026	0,306
CHR6	8951187	CHR6:8951187	SSF x Far_LoA	-9,05623231	-0,057	0,305
CHR6	8958293	CHR6:8958293	SSF x Far_LoA	-5,61111296	0,167	0,309
CHR6	8964073	CHR6:8964073	SSF x Far_LoA	-10,1999052	-0,053	0,307
CHR6	8964173	CHR6:8964173	SSF x Far_LoA	-10,2013036	0,006	0,308
CHR6	8969029	CHR6:8969029	SSF x Far_LoA	-11,0470074	0,060	0,314
CHR6	8969079	CHR6:8969079	SSF x Far_LoA	-8,97050864	0,094	0,305
CHR6	8969135	CHR6:8969135	SSF x Far_LoA	-7,39291016	0,033	0,314
CHR6	8969146	CHR6:8969146	SSF x Far_LoA	-8,75922752	-0,110	0,304
CHR6	8969158	CHR6:8969158	SSF x Far_LoA	-10,4627633	0,041	0,301
CHR6	8969167	CHR6:8969167	SSF x Far_LoA	-9,2234829	0,032	0,309
CHR6	8973051	CHR6:8973051	SSF x Far_LoA	-9,99196676	0,044	0,299
CHR6	8973059	CHR6:8973059	SSF x Far_LoA	-7,20919612	-0,109	0,309
CHR6	8973090	CHR6:8973090	SSF x Far_LoA	-7,90005291	-0,122	0,298
CHR6	8973102	CHR6:8973102	SSF x Far_LoA	-11,8762336	-0,007	0,306
CHR6	8973190	CHR6:8973190	SSF x Far_LoA	-8,39238916	0,118	0,302
CHR6	8973219	CHR6:8973219	SSF x Far_LoA	-10,5027103	-0,008	0,308
CHR6	8973265	CHR6:8973265	SSF x Far_LoA	-10,2083604	0,040	0,303
CHR6	8973268	CHR6:8973268	SSF x Far_LoA	-10,4455163	0,004	0,302
CHR6	8978174	CHR6:8978174	SSF x Far_LoA	-9,01705084	0,066	0,303
CHR6	8978230	CHR6:8978230	SSF x Far_LoA	-8,18622598	0,016	0,300
CHR6	8978266	CHR6:8978266	SSF x Far_LoA	-10,5937038	-0,001	0,293
CHR6	8978369	CHR6:8978369	SSF x Far_LoA	-11,6794717	0,054	0,307
CHR6	8978399	CHR6:8978399	SSF x Far_LoA	-9,86123456	0,046	0,302
CHR6	8978426	CHR6:8978426	SSF x Far_LoA	-10,4708985	-0,045	0,312
CHR6	8994313	CHR6:8994313	SSF x Far_LoA	-7,96508053	0,191	0,283
CHR6	8994540	CHR6:8994540	SSF x Far_LoA	-10,5564269	0,072	0,308
CHR6	8995885	CHR6:8995885	SSF x Far_LoA	-11,1621574	-0,125	0,293
CHR6	9004066	CHR6:9004066	SSF x Far_LoA	-9,53679765	0,138	0,298
CHR6	9004152	CHR6:9004152	SSF x Far_LoA	-9,56826817	0,135	0,295
CHR6	902697	CHR6:902697	SSF x Far_LoA	-9,68315598	-0,053	0,292
CHR6	902726	CHR6:902726	SSF x Far_LoA	-8,81943609	0,021	0,317
CHR6	902762	CHR6:902762	SSF x Far_LoA	-9,77804127	0,065	0,307
CHR6	902767	CHR6:902767	SSF x Far_LoA	-11,2048152	0,012	0,320
CHR6	902786	CHR6:902786	SSF x Far_LoA	-9,47888155	-0,073	0,307
CHR6	9045778	CHR6:9045778	SSF x Far_LoA	-8,08333935	0,005	0,314
CHR6	9047419	CHR6:9047419	SSF x Far_LoA	-10,1182971	-0,014	0,297
CHR6	9047530	CHR6:9047530	SSF x Far_LoA	-8,7869404	0,034	0,306
CHR6	9050354	CHR6:9050354	SSF x Far_LoA	-6,52518342	-0,006	0,306
CHR6	9050369	CHR6:9050369	SSF x Far_LoA	-12,254088	-0,021	0,306
CHR6	9050371	CHR6:9050371	SSF x Far_LoA	-9,94244905	-0,011	0,318
CHR6	9050441	CHR6:9050441	SSF x Far_LoA	-7,33839944	0,132	0,290
CHR6	9050484	CHR6:9050484	SSF x Far_LoA	-10,5977229	-0,036	0,308
CHR6	9063714	CHR6:9063714	SSF x Far_LoA	-10,2398591	-0,018	0,305
CHR6	9063812	CHR6:9063812	SSF x Far_LoA	-11,4799089	0,052	0,304
CHR6	9063845	CHR6:9063845	SSF x Far_LoA	-10,2646962	0,014	0,303
CHR6	9075393	CHR6:9075393	SSF x Far_LoA	-6,06107088	-0,038	0,301
CHR6	9075400	CHR6:9075400	SSF x Far_LoA	-11,707716	-0,017	0,298
CHR6	9078929	CHR6:9078929	SSF x Far_LoA	-9,37634406	-0,033	0,330

CHR6	9078946	CHR6:9078946	SSF x Far_LoA	-8,469062	-0,063	0,320
CHR6	9089196	CHR6:9089196	SSF x Far_LoA	-4,25467242	-0,128	0,297
CHR6	9092588	CHR6:9092588	SSF x Far_LoA	-6,28997127	0,079	0,302
CHR6	9097635	CHR6:9097635	SSF x Far_LoA	-9,00686635	-0,085	0,303
CHR6	9104774	CHR6:9104774	SSF x Far_LoA	-9,55638143	-0,031	0,306
CHR6	9104778	CHR6:9104778	SSF x Far_LoA	-9,62200668	0,060	0,307
CHR6	9109794	CHR6:9109794	SSF x Far_LoA	-10,7220627	0,072	0,289
CHR6	9109802	CHR6:9109802	SSF x Far_LoA	-9,4719949	0,081	0,301
CHR6	9116231	CHR6:9116231	SSF x Far_LoA	-11,0969684	-0,081	0,301
CHR6	9117531	CHR6:9117531	SSF x Far_LoA	-8,80378063	0,078	0,299
CHR6	9117579	CHR6:9117579	SSF x Far_LoA	-9,64146799	-0,072	0,300
CHR6	9117581	CHR6:9117581	SSF x Far_LoA	-10,6591859	-0,023	0,303
CHR6	9117629	CHR6:9117629	SSF x Far_LoA	-10,6646558	0,060	0,301
CHR6	9117630	CHR6:9117630	SSF x Far_LoA	-9,26854295	0,066	0,306
CHR6	9117631	CHR6:9117631	SSF x Far_LoA	0,62417717	0,055	0,309
CHR6	9122603	CHR6:9122603	SSF x Far_LoA	-9,594059	0,063	0,301
CHR6	9122610	CHR6:9122610	SSF x Far_LoA	-7,17055665	0,138	0,300
CHR6	9125003	CHR6:9125003	SSF x Far_LoA	-8,54558811	0,007	0,291
CHR6	9125017	CHR6:9125017	SSF x Far_LoA	-11,9837508	-0,011	0,308
CHR6	9125290	CHR6:9125290	SSF x Far_LoA	-11,1641796	-0,066	0,305
CHR6	9125356	CHR6:9125356	SSF x Far_LoA	-11,6187757	0,040	0,298
CHR6	9131966	CHR6:9131966	SSF x Far_LoA	-9,32300223	-0,015	0,306
CHR6	9132008	CHR6:9132008	SSF x Far_LoA	-10,0847494	-0,001	0,292
CHR6	9132035	CHR6:9132035	SSF x Far_LoA	-10,3058499	0,007	0,300
CHR6	9134735	CHR6:9134735	SSF x Far_LoA	-10,3514851	0,016	0,308
CHR6	9134788	CHR6:9134788	SSF x Far_LoA	-6,72797956	0,004	0,334
CHR6	9134915	CHR6:9134915	SSF x Far_LoA	-9,32875836	0,054	0,296
CHR6	9147065	CHR6:9147065	SSF x Far_LoA	-10,2500231	0,029	0,321
CHR6	9147111	CHR6:9147111	SSF x Far_LoA	-8,66867911	-0,046	0,303
CHR6	9147251	CHR6:9147251	SSF x Far_LoA	-9,79393956	0,027	0,311
CHR6	9147277	CHR6:9147277	SSF x Far_LoA	-9,63805685	-0,058	0,306
CHR6	9155526	CHR6:9155526	SSF x Far_LoA	-5,17265396	0,031	0,307
CHR6	9159463	CHR6:9159463	SSF x Far_LoA	-8,29869548	0,078	0,312
CHR6	9159506	CHR6:9159506	SSF x Far_LoA	-3,16047257	-0,054	0,324
CHR6	9159518	CHR6:9159518	SSF x Far_LoA	-9,58995202	0,024	0,300
CHR6	9159544	CHR6:9159544	SSF x Far_LoA	-8,01313989	-0,073	0,295
CHR6	9159568	CHR6:9159568	SSF x Far_LoA	-8,7464192	0,057	0,317
CHR6	9159639	CHR6:9159639	SSF x Far_LoA	-7,87516135	0,019	0,312
CHR6	9159679	CHR6:9159679	SSF x Far_LoA	-12,2044867	-0,016	0,312
CHR6	9170169	CHR6:9170169	SSF x Far_LoA	-9,2659443	0,075	0,302
CHR6	9176965	CHR6:9176965	SSF x Far_LoA	-9,8294793	0,088	0,296
CHR6	9179320	CHR6:9179320	SSF x Far_LoA	-8,77926008	-0,016	0,307
CHR6	9184064	CHR6:9184064	SSF x Far_LoA	-8,31196779	0,027	0,309
CHR6	9184105	CHR6:9184105	SSF x Far_LoA	-11,3610269	-0,054	0,306
CHR6	9184109	CHR6:9184109	SSF x Far_LoA	-5,56241317	-0,004	0,311
CHR6	9184229	CHR6:9184229	SSF x Far_LoA	-8,47673193	-0,020	0,293
CHR6	9184298	CHR6:9184298	SSF x Far_LoA	-8,6760791	0,033	0,309
CHR6	9189425	CHR6:9189425	SSF x Far_LoA	-7,30041893	0,025	0,308
CHR6	9189521	CHR6:9189521	SSF x Far_LoA	-10,5103041	-0,014	0,313
CHR6	9195941	CHR6:9195941	SSF x Far_LoA	-9,13985157	-0,010	0,304
CHR6	9196036	CHR6:9196036	SSF x Far_LoA	-9,02701573	0,026	0,305
CHR6	9196052	CHR6:9196052	SSF x Far_LoA	-9,03978072	0,010	0,322
CHR6	9196230	CHR6:9196230	SSF x Far_LoA	-6,57866191	0,023	0,307

CHR6	923479	CHR6:923479	SSF x Far_LoA	-9,36526129	0,023	0,311
CHR6	9242596	CHR6:9242596	SSF x Far_LoA	-9,27095165	-0,058	0,315
CHR6	9242666	CHR6:9242666	SSF x Far_LoA	-9,43508362	-0,056	0,317
CHR6	9242689	CHR6:9242689	SSF x Far_LoA	-9,73575671	-0,035	0,309
CHR6	9242725	CHR6:9242725	SSF x Far_LoA	-7,46993808	-0,182	0,314
CHR6	9253419	CHR6:9253419	SSF x Far_LoA	-10,3324138	0,003	0,321
CHR6	9253688	CHR6:9253688	SSF x Far_LoA	-7,70648602	0,168	0,294
CHR6	9256430	CHR6:9256430	SSF x Far_LoA	-11,6442529	0,012	0,306
CHR6	9263599	CHR6:9263599	SSF x Far_LoA	-11,3864277	0,035	0,301
CHR6	9263603	CHR6:9263603	SSF x Far_LoA	-8,88584085	0,018	0,304
CHR6	9263688	CHR6:9263688	SSF x Far_LoA	-11,4861455	0,041	0,303
CHR6	9263728	CHR6:9263728	SSF x Far_LoA	-10,4234811	0,072	0,307
CHR6	9264433	CHR6:9264433	SSF x Far_LoA	-12,2876141	-0,021	0,314
CHR6	9267466	CHR6:9267466	SSF x Far_LoA	-4,06467282	-0,070	0,325
CHR6	9275569	CHR6:9275569	SSF x Far_LoA	-9,65942356	0,018	0,293
CHR6	9275584	CHR6:9275584	SSF x Far_LoA	-8,00757071	0,066	0,300
CHR6	9275643	CHR6:9275643	SSF x Far_LoA	-8,30258916	-0,115	0,282
CHR6	9283888	CHR6:9283888	SSF x Far_LoA	-9,78803397	0,047	0,311
CHR6	9283910	CHR6:9283910	SSF x Far_LoA	-9,53867496	-0,047	0,306
CHR6	9283911	CHR6:9283911	SSF x Far_LoA	-9,32958025	0,070	0,313
CHR6	9283912	CHR6:9283912	SSF x Far_LoA	-9,90368844	-0,071	0,314
CHR6	9283948	CHR6:9283948	SSF x Far_LoA	-8,73980138	-0,053	0,315
CHR6	9284029	CHR6:9284029	SSF x Far_LoA	-8,11639245	0,047	0,316
CHR6	9284086	CHR6:9284086	SSF x Far_LoA	-5,20744468	-0,085	0,300
CHR6	9294100	CHR6:9294100	SSF x Far_LoA	-11,3586083	-0,074	0,309
CHR6	9294235	CHR6:9294235	SSF x Far_LoA	-10,6031597	-0,026	0,306
CHR6	9294518	CHR6:9294518	SSF x Far_LoA	-9,96656512	0,024	0,306
CHR6	9313338	CHR6:9313338	SSF x Far_LoA	-9,65060626	0,043	0,304
CHR6	9313428	CHR6:9313428	SSF x Far_LoA	-8,4376785	0,051	0,312
CHR6	9314744	CHR6:9314744	SSF x Far_LoA	-7,45761386	-0,068	0,303
CHR6	9314749	CHR6:9314749	SSF x Far_LoA	-8,96270592	0,089	0,310
CHR6	9314774	CHR6:9314774	SSF x Far_LoA	-9,37624992	-0,099	0,303
CHR6	9317586	CHR6:9317586	SSF x Far_LoA	-10,6599071	0,080	0,306
CHR6	9317670	CHR6:9317670	SSF x Far_LoA	-10,7149749	0,025	0,307
CHR6	9317706	CHR6:9317706	SSF x Far_LoA	-12,1798478	0,021	0,308
CHR6	9317728	CHR6:9317728	SSF x Far_LoA	-0,96576234	-0,046	0,293
CHR6	9317744	CHR6:9317744	SSF x Far_LoA	-10,6328067	0,027	0,315
CHR6	9326185	CHR6:9326185	SSF x Far_LoA	-8,97528441	-0,113	0,305
CHR6	9326190	CHR6:9326190	SSF x Far_LoA	-3,45929304	-0,113	0,306
CHR6	9333905	CHR6:9333905	SSF x Far_LoA	-8,85136136	-0,013	0,300
CHR6	9333917	CHR6:9333917	SSF x Far_LoA	-5,73792599	0,039	0,305
CHR6	9333971	CHR6:9333971	SSF x Far_LoA	-8,05005414	-0,021	0,310
CHR6	9333998	CHR6:9333998	SSF x Far_LoA	-11,7265256	-0,035	0,309
CHR6	933620	CHR6:933620	SSF x Far_LoA	-10,8473091	0,044	0,299
CHR6	933699	CHR6:933699	SSF x Far_LoA	-8,67972377	-0,053	0,315
CHR6	9343798	CHR6:9343798	SSF x Far_LoA	-9,01337665	0,042	0,296
CHR6	9343861	CHR6:9343861	SSF x Far_LoA	-8,9811244	-0,014	0,300
CHR6	9343874	CHR6:9343874	SSF x Far_LoA	-8,18616478	0,067	0,309
CHR6	9347977	CHR6:9347977	SSF x Far_LoA	-6,70073139	0,116	0,310
CHR6	9354423	CHR6:9354423	SSF x Far_LoA	-6,73066528	0,137	0,291
CHR6	9355452	CHR6:9355452	SSF x Far_LoA	-10,2889726	-0,030	0,317
CHR6	9359433	CHR6:9359433	SSF x Far_LoA	-8,15845332	-0,029	0,295
CHR6	9359786	CHR6:9359786	SSF x Far_LoA	-9,73621485	-0,068	0,314

CHR6	9359808	CHR6:9359808	SSF x Far_LoA	-10,9604406	0,064	0,302
CHR6	9359841	CHR6:9359841	SSF x Far_LoA	-9,01900781	-0,057	0,303
CHR6	9364474	CHR6:9364474	SSF x Far_LoA	-9,16189247	0,107	0,306
CHR6	9364510	CHR6:9364510	SSF x Far_LoA	-10,1694796	-0,072	0,302
CHR6	9364738	CHR6:9364738	SSF x Far_LoA	-10,0059008	-0,004	0,300
CHR6	9364741	CHR6:9364741	SSF x Far_LoA	-5,9197375	-0,004	0,332
CHR6	9364792	CHR6:9364792	SSF x Far_LoA	-10,3482272	0,019	0,313
CHR6	937065	CHR6:937065	SSF x Far_LoA	-10,0646056	0,037	0,304
CHR6	9372288	CHR6:9372288	SSF x Far_LoA	-11,4046418	0,034	0,297
CHR6	9372303	CHR6:9372303	SSF x Far_LoA	-6,88481465	0,045	0,299
CHR6	9372311	CHR6:9372311	SSF x Far_LoA	-4,68799822	0,039	0,292
CHR6	937283	CHR6:937283	SSF x Far_LoA	-6,03578668	-0,121	0,307
CHR6	9391429	CHR6:9391429	SSF x Far_LoA	-8,93984219	-0,009	0,307
CHR6	9393349	CHR6:9393349	SSF x Far_LoA	-9,39666998	0,054	0,308
CHR6	9393368	CHR6:9393368	SSF x Far_LoA	-9,89073158	0,009	0,298
CHR6	9403286	CHR6:9403286	SSF x Far_LoA	-11,2533841	0,019	0,303
CHR6	9403292	CHR6:9403292	SSF x Far_LoA	-10,3390952	0,014	0,306
CHR6	9403329	CHR6:9403329	SSF x Far_LoA	-9,94836659	0,057	0,304
CHR6	9403341	CHR6:9403341	SSF x Far_LoA	-10,0551788	0,038	0,293
CHR6	9403346	CHR6:9403346	SSF x Far_LoA	-9,89076543	0,052	0,302
CHR6	9403351	CHR6:9403351	SSF x Far_LoA	-8,86966768	0,002	0,313
CHR6	9405792	CHR6:9405792	SSF x Far_LoA	-11,2595628	-0,017	0,316
CHR6	9405878	CHR6:9405878	SSF x Far_LoA	-7,67795522	-0,161	0,300
CHR6	9406022	CHR6:9406022	SSF x Far_LoA	-7,52701582	-0,131	0,320
CHR6	9408109	CHR6:9408109	SSF x Far_LoA	-10,3265799	-0,051	0,306
CHR6	9411172	CHR6:9411172	SSF x Far_LoA	-4,50748488	0,208	0,306
CHR6	9411200	CHR6:9411200	SSF x Far_LoA	-6,47149741	0,154	0,309
CHR6	9411240	CHR6:9411240	SSF x Far_LoA	-10,9562053	0,106	0,296
CHR6	941702	CHR6:941702	SSF x Far_LoA	-4,69956567	0,109	0,293
CHR6	941705	CHR6:941705	SSF x Far_LoA	-10,8653524	0,076	0,294
CHR6	941752	CHR6:941752	SSF x Far_LoA	-5,46270667	0,108	0,294
CHR6	9424171	CHR6:9424171	SSF x Far_LoA	-10,2466049	-0,150	0,309
CHR6	9424217	CHR6:9424217	SSF x Far_LoA	-10,8454945	-0,095	0,309
CHR6	9424552	CHR6:9424552	SSF x Far_LoA	-11,5051478	-0,012	0,318
CHR6	9424626	CHR6:9424626	SSF x Far_LoA	-8,57276496	-0,024	0,314
CHR6	9424643	CHR6:9424643	SSF x Far_LoA	-8,73847329	0,084	0,292
CHR6	9424648	CHR6:9424648	SSF x Far_LoA	-8,09901304	-0,028	0,313
CHR6	9432299	CHR6:9432299	SSF x Far_LoA	-10,0244466	0,019	0,305
CHR6	9432323	CHR6:9432323	SSF x Far_LoA	-9,85924306	0,014	0,302
CHR6	9432327	CHR6:9432327	SSF x Far_LoA	-10,1343135	-0,064	0,299
CHR6	9432357	CHR6:9432357	SSF x Far_LoA	-9,62329485	-0,029	0,318
CHR6	9432364	CHR6:9432364	SSF x Far_LoA	-8,29618684	-0,019	0,303
CHR6	9432692	CHR6:9432692	SSF x Far_LoA	-8,29786267	-0,081	0,306
CHR6	9436044	CHR6:9436044	SSF x Far_LoA	-9,50128642	0,018	0,307
CHR6	9437426	CHR6:9437426	SSF x Far_LoA	-3,87207357	-0,102	0,302
CHR6	9448558	CHR6:9448558	SSF x Far_LoA	-6,20615129	-0,059	0,302
CHR6	9448570	CHR6:9448570	SSF x Far_LoA	-9,31063476	0,000	0,310
CHR6	9448573	CHR6:9448573	SSF x Far_LoA	-9,13606029	-0,038	0,299
CHR6	9448588	CHR6:9448588	SSF x Far_LoA	-10,1019879	0,037	0,310
CHR6	9448597	CHR6:9448597	SSF x Far_LoA	-8,4275135	0,085	0,302
CHR6	9448602	CHR6:9448602	SSF x Far_LoA	-9,08740168	0,083	0,294
CHR6	9448603	CHR6:9448603	SSF x Far_LoA	-11,1770588	-0,061	0,298
CHR6	9448604	CHR6:9448604	SSF x Far_LoA	-7,74817241	-0,063	0,301

CHR6	9448605	CHR6:9448605	SSF x Far_LoA	-11,4796061	-0,070	0,306
CHR6	9448609	CHR6:9448609	SSF x Far_LoA	-6,68902411	0,102	0,300
CHR6	9448610	CHR6:9448610	SSF x Far_LoA	-7,6134151	0,087	0,306
CHR6	9448614	CHR6:9448614	SSF x Far_LoA	-11,108416	-0,064	0,303
CHR6	9448625	CHR6:9448625	SSF x Far_LoA	-6,37150698	0,083	0,317
CHR6	9448630	CHR6:9448630	SSF x Far_LoA	-10,700035	0,056	0,314
CHR6	9448631	CHR6:9448631	SSF x Far_LoA	-10,6488403	0,051	0,322
CHR6	9448637	CHR6:9448637	SSF x Far_LoA	-8,9441386	0,055	0,298
CHR6	9448659	CHR6:9448659	SSF x Far_LoA	-7,83594171	0,011	0,297
CHR6	9451967	CHR6:9451967	SSF x Far_LoA	-8,86077468	0,012	0,290
CHR6	9452035	CHR6:9452035	SSF x Far_LoA	-9,12182353	0,014	0,308
CHR6	9452037	CHR6:9452037	SSF x Far_LoA	-8,10666898	0,037	0,297
CHR6	9452039	CHR6:9452039	SSF x Far_LoA	-7,88443771	0,032	0,297
CHR6	9452086	CHR6:9452086	SSF x Far_LoA	-10,026213	0,048	0,293
CHR6	9452094	CHR6:9452094	SSF x Far_LoA	-11,1126425	0,063	0,313
CHR6	9465364	CHR6:9465364	SSF x Far_LoA	-5,41084755	0,119	0,315
CHR6	9465397	CHR6:9465397	SSF x Far_LoA	-9,74867826	0,154	0,290
CHR6	9465576	CHR6:9465576	SSF x Far_LoA	-6,90897728	-0,160	0,312
CHR6	948317	CHR6:948317	SSF x Far_LoA	-6,86703972	0,180	0,282
CHR6	9485580	CHR6:9485580	SSF x Far_LoA	-10,7116959	-0,121	0,314
CHR6	9492827	CHR6:9492827	SSF x Far_LoA	-9,41932122	0,063	0,307
CHR6	9492861	CHR6:9492861	SSF x Far_LoA	-10,1523008	0,125	0,303
CHR6	9492989	CHR6:9492989	SSF x Far_LoA	-10,3535181	0,056	0,312
CHR6	9492999	CHR6:9492999	SSF x Far_LoA	-10,3185224	0,093	0,309
CHR6	9501066	CHR6:9501066	SSF x Far_LoA	-11,4151328	-0,007	0,309
CHR6	9501166	CHR6:9501166	SSF x Far_LoA	-9,09238529	-0,085	0,307
CHR6	9501234	CHR6:9501234	SSF x Far_LoA	-10,4209188	-0,074	0,298
CHR6	9501248	CHR6:9501248	SSF x Far_LoA	-9,44446975	-0,019	0,302
CHR6	9501257	CHR6:9501257	SSF x Far_LoA	-10,4490332	-0,015	0,303
CHR6	9501258	CHR6:9501258	SSF x Far_LoA	-9,14894818	-0,052	0,295
CHR6	9501264	CHR6:9501264	SSF x Far_LoA	-9,82769347	-0,049	0,299
CHR6	9501270	CHR6:9501270	SSF x Far_LoA	-8,96548447	-0,058	0,307
CHR6	9501288	CHR6:9501288	SSF x Far_LoA	-8,53493121	0,013	0,321
CHR6	950231	CHR6:950231	SSF x Far_LoA	-7,74690953	-0,171	0,296
CHR6	9512502	CHR6:9512502	SSF x Far_LoA	-8,47103149	0,018	0,298
CHR6	9512536	CHR6:9512536	SSF x Far_LoA	-9,76318073	-0,038	0,314
CHR6	9512562	CHR6:9512562	SSF x Far_LoA	-6,83483665	-0,053	0,312
CHR6	9512564	CHR6:9512564	SSF x Far_LoA	-7,48650633	-0,062	0,315
CHR6	9512567	CHR6:9512567	SSF x Far_LoA	-9,98021815	-0,038	0,318
CHR6	9512582	CHR6:9512582	SSF x Far_LoA	-11,0102241	-0,034	0,301
CHR6	9512598	CHR6:9512598	SSF x Far_LoA	-10,2658802	0,085	0,306
CHR6	9512610	CHR6:9512610	SSF x Far_LoA	-11,0870749	-0,044	0,321
CHR6	9512617	CHR6:9512617	SSF x Far_LoA	-9,53892221	0,118	0,300
CHR6	9512627	CHR6:9512627	SSF x Far_LoA	-10,0015501	-0,062	0,318
CHR6	9517111	CHR6:9517111	SSF x Far_LoA	-5,36062336	-0,152	0,308
CHR6	9517167	CHR6:9517167	SSF x Far_LoA	-10,4925729	-0,068	0,310
CHR6	9520756	CHR6:9520756	SSF x Far_LoA	-8,13434593	0,044	0,319
CHR6	9523388	CHR6:9523388	SSF x Far_LoA	-11,0115543	0,041	0,308
CHR6	953126	CHR6:953126	SSF x Far_LoA	-8,43202732	0,159	0,294
CHR6	9532745	CHR6:9532745	SSF x Far_LoA	-11,2076882	0,075	0,307
CHR6	9532830	CHR6:9532830	SSF x Far_LoA	-11,0836887	0,074	0,305
CHR6	9532839	CHR6:9532839	SSF x Far_LoA	-9,86459646	-0,069	0,292
CHR6	9534516	CHR6:9534516	SSF x Far_LoA	-10,5293449	-0,009	0,297

CHR6	9534517	CHR6:9534517	SSF x Far_LoA	-10,0604734	0,006	0,296
CHR6	9541621	CHR6:9541621	SSF x Far_LoA	-8,76861659	-0,046	0,306
CHR6	9541632	CHR6:9541632	SSF x Far_LoA	-7,03125206	-0,103	0,290
CHR6	9549605	CHR6:9549605	SSF x Far_LoA	-8,94739677	0,054	0,313
CHR6	9549609	CHR6:9549609	SSF x Far_LoA	-5,58909984	0,073	0,299
CHR6	9549647	CHR6:9549647	SSF x Far_LoA	-4,14132887	-0,214	0,290
CHR6	9549677	CHR6:9549677	SSF x Far_LoA	-11,1558125	-0,086	0,301
CHR6	9561502	CHR6:9561502	SSF x Far_LoA	-9,93466778	-0,040	0,303
CHR6	9561509	CHR6:9561509	SSF x Far_LoA	-10,7687795	0,125	0,295
CHR6	9561525	CHR6:9561525	SSF x Far_LoA	-9,96825534	0,065	0,284
CHR6	9561538	CHR6:9561538	SSF x Far_LoA	-10,6911716	-0,022	0,313
CHR6	9561584	CHR6:9561584	SSF x Far_LoA	-6,75921137	0,146	0,306
CHR6	9561672	CHR6:9561672	SSF x Far_LoA	-8,309979	-0,113	0,306
CHR6	9576126	CHR6:9576126	SSF x Far_LoA	-8,20930526	-0,039	0,319
CHR6	9576129	CHR6:9576129	SSF x Far_LoA	-11,1825856	0,055	0,299
CHR6	9576173	CHR6:9576173	SSF x Far_LoA	-10,9480388	0,061	0,308
CHR6	9576189	CHR6:9576189	SSF x Far_LoA	-11,8293392	-0,028	0,299
CHR6	9581177	CHR6:9581177	SSF x Far_LoA	-11,8398934	-0,034	0,294
CHR6	9586122	CHR6:9586122	SSF x Far_LoA	-11,7369902	0,050	0,301
CHR6	9586186	CHR6:9586186	SSF x Far_LoA	-7,55642787	-0,172	0,293
CHR6	9586188	CHR6:9586188	SSF x Far_LoA	-11,52731	0,017	0,310
CHR6	9598971	CHR6:9598971	SSF x Far_LoA	-9,48765346	-0,017	0,294
CHR6	9599095	CHR6:9599095	SSF x Far_LoA	-10,1368499	-0,057	0,310
CHR6	9599105	CHR6:9599105	SSF x Far_LoA	-11,11716	0,099	0,294
CHR6	9603951	CHR6:9603951	SSF x Far_LoA	-8,74807006	0,030	0,299
CHR6	9623023	CHR6:9623023	SSF x Far_LoA	-10,4258199	-0,093	0,296
CHR6	9623044	CHR6:9623044	SSF x Far_LoA	-8,32322996	0,039	0,317
CHR6	9624756	CHR6:9624756	SSF x Far_LoA	-11,0854917	0,009	0,308
CHR6	9624796	CHR6:9624796	SSF x Far_LoA	-10,5940174	0,040	0,306
CHR6	9626648	CHR6:9626648	SSF x Far_LoA	-10,7796305	-0,049	0,307
CHR6	9626666	CHR6:9626666	SSF x Far_LoA	-5,36724872	-0,191	0,292
CHR6	9626708	CHR6:9626708	SSF x Far_LoA	-9,7392078	-0,133	0,312
CHR6	9628091	CHR6:9628091	SSF x Far_LoA	-6,24037816	-0,077	0,319
CHR6	9628092	CHR6:9628092	SSF x Far_LoA	-9,56384325	-0,012	0,320
CHR6	9635315	CHR6:9635315	SSF x Far_LoA	-9,18897588	-0,023	0,307
CHR6	9635337	CHR6:9635337	SSF x Far_LoA	-9,23270598	0,073	0,302
CHR6	9635342	CHR6:9635342	SSF x Far_LoA	-9,98217373	0,052	0,306
CHR6	9635361	CHR6:9635361	SSF x Far_LoA	-7,86189428	-0,093	0,302
CHR6	9635404	CHR6:9635404	SSF x Far_LoA	-7,72747467	0,014	0,316
CHR6	9635447	CHR6:9635447	SSF x Far_LoA	-8,59713945	-0,010	0,316
CHR6	9635476	CHR6:9635476	SSF x Far_LoA	-9,21666056	-0,041	0,314
CHR6	9635501	CHR6:9635501	SSF x Far_LoA	-10,3081855	0,038	0,306
CHR6	9635529	CHR6:9635529	SSF x Far_LoA	-10,3368547	0,081	0,316
CHR6	9635536	CHR6:9635536	SSF x Far_LoA	-9,58342282	-0,051	0,305
CHR6	9635539	CHR6:9635539	SSF x Far_LoA	-8,03901917	-0,022	0,315
CHR6	9635553	CHR6:9635553	SSF x Far_LoA	-10,0258752	-0,032	0,309
CHR6	9645422	CHR6:9645422	SSF x Far_LoA	-12,1033378	0,047	0,308
CHR6	9645424	CHR6:9645424	SSF x Far_LoA	-3,83276822	0,000	0,326
CHR6	9645428	CHR6:9645428	SSF x Far_LoA	-9,98741307	0,013	0,313
CHR6	9662351	CHR6:9662351	SSF x Far_LoA	-8,16758818	0,084	0,306
CHR6	9662419	CHR6:9662419	SSF x Far_LoA	-11,2281778	0,047	0,313
CHR6	9670254	CHR6:9670254	SSF x Far_LoA	-8,73568247	-0,112	0,286
CHR6	9670263	CHR6:9670263	SSF x Far_LoA	-7,76059222	-0,115	0,298

CHR6	9670321	CHR6:9670321	SSF x Far_LoA	-4,18043255	-0,147	0,304
CHR6	9675833	CHR6:9675833	SSF x Far_LoA	-3,62257135	0,029	0,309
CHR6	9675857	CHR6:9675857	SSF x Far_LoA	-9,89016434	-0,139	0,304
CHR6	9675876	CHR6:9675876	SSF x Far_LoA	-6,31504726	0,014	0,302
CHR6	9677500	CHR6:9677500	SSF x Far_LoA	-8,15306769	0,091	0,314
CHR6	9686146	CHR6:9686146	SSF x Far_LoA	-11,7232021	-0,038	0,315
CHR6	9704866	CHR6:9704866	SSF x Far_LoA	-10,5221495	-0,023	0,307
CHR6	9717104	CHR6:9717104	SSF x Far_LoA	-6,96578179	-0,194	0,303
CHR6	9717161	CHR6:9717161	SSF x Far_LoA	-8,21412059	-0,182	0,302
CHR6	9717271	CHR6:9717271	SSF x Far_LoA	-1,89744273	-0,161	0,295
CHR6	9727164	CHR6:9727164	SSF x Far_LoA	-9,08148184	-0,166	0,297
CHR6	97411	CHR6:97411	SSF x Far_LoA	-6,10644952	-0,039	0,305
CHR6	9743534	CHR6:9743534	SSF x Far_LoA	-9,09234144	-0,002	0,305
CHR6	9743584	CHR6:9743584	SSF x Far_LoA	-8,97925104	-0,064	0,307
CHR6	9753028	CHR6:9753028	SSF x Far_LoA	-10,8476461	0,113	0,289
CHR6	9756891	CHR6:9756891	SSF x Far_LoA	-7,89881774	-0,006	0,309
CHR6	9756969	CHR6:9756969	SSF x Far_LoA	-9,04043834	-0,021	0,304
CHR6	9758863	CHR6:9758863	SSF x Far_LoA	-10,3918793	-0,059	0,314
CHR6	9758865	CHR6:9758865	SSF x Far_LoA	-11,3285735	-0,003	0,306
CHR6	976501	CHR6:976501	SSF x Far_LoA	-9,06095758	0,045	0,300
CHR6	9786893	CHR6:9786893	SSF x Far_LoA	-7,01179345	0,091	0,300
CHR6	9786896	CHR6:9786896	SSF x Far_LoA	-8,27972376	0,101	0,294
CHR6	9787000	CHR6:9787000	SSF x Far_LoA	-8,19068299	-0,084	0,306
CHR6	9790549	CHR6:9790549	SSF x Far_LoA	-9,0250422	-0,013	0,311
CHR6	9790643	CHR6:9790643	SSF x Far_LoA	-7,71011303	-0,076	0,295
CHR6	9790648	CHR6:9790648	SSF x Far_LoA	-5,41734686	-0,075	0,297
CHR6	9790669	CHR6:9790669	SSF x Far_LoA	-9,04637813	-0,082	0,306
CHR6	9796171	CHR6:9796171	SSF x Far_LoA	-10,2750294	0,020	0,312
CHR6	9829797	CHR6:9829797	SSF x Far_LoA	-8,59605759	-0,099	0,306
CHR6	9829880	CHR6:9829880	SSF x Far_LoA	-8,56280819	-0,022	0,312
CHR6	985796	CHR6:985796	SSF x Far_LoA	-9,5122611	0,138	0,296
CHR6	986003	CHR6:986003	SSF x Far_LoA	-6,39175706	0,112	0,297
CHR6	9864151	CHR6:9864151	SSF x Far_LoA	-4,59595584	0,050	0,301
CHR6	9874888	CHR6:9874888	SSF x Far_LoA	-7,35016589	0,056	0,317
CHR6	9874907	CHR6:9874907	SSF x Far_LoA	-8,63712033	0,029	0,302
CHR6	9874911	CHR6:9874911	SSF x Far_LoA	-11,6511461	0,080	0,292
CHR6	9874935	CHR6:9874935	SSF x Far_LoA	-8,56458844	0,028	0,304
CHR6	9881743	CHR6:9881743	SSF x Far_LoA	-10,6129963	-0,040	0,309
CHR6	9881853	CHR6:9881853	SSF x Far_LoA	-1,25063322	0,112	0,304
CHR6	9881931	CHR6:9881931	SSF x Far_LoA	-1,85340999	-0,160	0,281
CHR6	9885481	CHR6:9885481	SSF x Far_LoA	-1,45714855	-0,064	0,315
CHR6	9885524	CHR6:9885524	SSF x Far_LoA	-8,58654556	-0,109	0,304
CHR6	9885539	CHR6:9885539	SSF x Far_LoA	-4,22373273	-0,034	0,297
CHR6	9890968	CHR6:9890968	SSF x Far_LoA	-8,72542915	-0,079	0,311
CHR6	9895221	CHR6:9895221	SSF x Far_LoA	-8,72717343	-0,065	0,316
CHR6	9897676	CHR6:9897676	SSF x Far_LoA	-8,47949791	-0,076	0,307
CHR6	9916633	CHR6:9916633	SSF x Far_LoA	-7,03799306	0,016	0,317
CHR6	9919247	CHR6:9919247	SSF x Far_LoA	-9,55481762	0,070	0,308
CHR6	9919307	CHR6:9919307	SSF x Far_LoA	-7,51081592	0,127	0,310
CHR6	9924541	CHR6:9924541	SSF x Far_LoA	-11,0869954	-0,009	0,300
CHR6	9924543	CHR6:9924543	SSF x Far_LoA	-7,74872739	0,010	0,312
CHR6	9924687	CHR6:9924687	SSF x Far_LoA	-3,58791496	0,223	0,299
CHR6	9928289	CHR6:9928289	SSF x Far_LoA	-6,57826787	0,030	0,310

CHR6	9928304	CHR6:9928304	SSF x Far_LoA	-6,40168504	-0,130	0,301
CHR6	9940204	CHR6:9940204	SSF x Far_LoA	-8,27637678	-0,035	0,311
CHR6	9942896	CHR6:9942896	SSF x Far_LoA	1,74489938	0,048	0,298
CHR6	9942986	CHR6:9942986	SSF x Far_LoA	-8,35357722	-0,121	0,317
CHR6	9943844	CHR6:9943844	SSF x Far_LoA	-10,9499027	-0,072	0,307
CHR6	9944629	CHR6:9944629	SSF x Far_LoA	-8,78237409	-0,006	0,307
CHR6	9950071	CHR6:9950071	SSF x Far_LoA	-12,1030024	-0,085	0,303
CHR6	9950114	CHR6:9950114	SSF x Far_LoA	-11,4109339	-0,104	0,294
CHR6	9950177	CHR6:9950177	SSF x Far_LoA	-9,85513741	-0,091	0,311
CHR6	9954809	CHR6:9954809	SSF x Far_LoA	-10,7211835	-0,043	0,311
CHR6	9955332	CHR6:9955332	SSF x Far_LoA	-8,57009633	-0,059	0,312
CHR6	9957587	CHR6:9957587	SSF x Far_LoA	-10,8404982	-0,073	0,304
CHR6	9957669	CHR6:9957669	SSF x Far_LoA	-10,1131859	-0,068	0,297
CHR6	9957826	CHR6:9957826	SSF x Far_LoA	-7,34314547	-0,068	0,316
CHR6	9970249	CHR6:9970249	SSF x Far_LoA	-3,38687883	-0,088	0,318
CHR6	9970250	CHR6:9970250	SSF x Far_LoA	-9,78297147	-0,092	0,315
CHR6	9976454	CHR6:9976454	SSF x Far_LoA	-6,63027044	-0,096	0,305
CHR6	9977882	CHR6:9977882	SSF x Far_LoA	-9,83979346	-0,099	0,326
CHR6	9977917	CHR6:9977917	SSF x Far_LoA	-10,8910869	-0,094	0,305
CHR6	9980905	CHR6:9980905	SSF x Far_LoA	-7,37967918	0,108	0,312
CHR6	9980958	CHR6:9980958	SSF x Far_LoA	-6,73278764	0,121	0,301
CHR6	9981012	CHR6:9981012	SSF x Far_LoA	-8,43396176	-0,065	0,310
CHR7	1E+07	CHR7:10011557	SSF x Far_LoA	-7,53484206	-0,121	0,304
CHR7	1E+07	CHR7:10026802	SSF x Far_LoA	-7,98308906	-0,073	0,317
CHR7	1E+07	CHR7:10026895	SSF x Far_LoA	-8,47774595	0,132	0,301
CHR7	1E+07	CHR7:10026915	SSF x Far_LoA	-7,25364578	0,130	0,289
CHR7	1E+07	CHR7:10029325	SSF x Far_LoA	-9,24617595	-0,096	0,304
CHR7	1E+07	CHR7:10029404	SSF x Far_LoA	-11,257456	-0,082	0,323
CHR7	1E+07	CHR7:10030540	SSF x Far_LoA	-11,8335415	0,094	0,307
CHR7	1E+07	CHR7:10031022	SSF x Far_LoA	-8,6827659	-0,138	0,301
CHR7	1E+07	CHR7:10031056	SSF x Far_LoA	-11,1077528	0,080	0,318
CHR7	1E+07	CHR7:10031124	SSF x Far_LoA	-8,28052738	-0,118	0,300
CHR7	1E+07	CHR7:10033166	SSF x Far_LoA	-10,1871548	0,019	0,323
CHR7	1E+07	CHR7:10033181	SSF x Far_LoA	-7,80240683	0,194	0,280
CHR7	1E+07	CHR7:10033289	SSF x Far_LoA	-9,15305669	0,107	0,306
CHR7	1E+07	CHR7:10052640	SSF x Far_LoA	-9,46543072	-0,101	0,287
CHR7	1E+07	CHR7:10052679	SSF x Far_LoA	-10,4654417	-0,036	0,291
CHR7	1E+07	CHR7:10052682	SSF x Far_LoA	-11,0218409	-0,059	0,305
CHR7	1E+07	CHR7:10052718	SSF x Far_LoA	-7,33248751	0,128	0,303
CHR7	1E+07	CHR7:10052858	SSF x Far_LoA	-10,0244824	0,121	0,299
CHR7	1E+07	CHR7:10054353	SSF x Far_LoA	-7,73400073	-0,171	0,306
CHR7	1E+07	CHR7:10054401	SSF x Far_LoA	-10,5820847	-0,097	0,295
CHR7	1E+07	CHR7:10054448	SSF x Far_LoA	-8,64521838	-0,006	0,322
CHR7	1E+07	CHR7:10055886	SSF x Far_LoA	-10,775524	0,052	0,302
CHR7	1E+07	CHR7:10055912	SSF x Far_LoA	-9,12519976	0,072	0,306
CHR7	1005666	CHR7:1005666	SSF x Far_LoA	-8,97253337	-0,114	0,287
CHR7	1E+07	CHR7:10057013	SSF x Far_LoA	-10,0516879	-0,075	0,302
CHR7	1005716	CHR7:1005716	SSF x Far_LoA	-9,0905531	-0,026	0,303
CHR7	1005720	CHR7:1005720	SSF x Far_LoA	-9,27261293	0,095	0,298
CHR7	1005775	CHR7:1005775	SSF x Far_LoA	-9,73678174	-0,049	0,300
CHR7	1E+07	CHR7:10060992	SSF x Far_LoA	-10,8571181	-0,041	0,321
CHR7	1E+07	CHR7:10061029	SSF x Far_LoA	-10,2517841	-0,061	0,321
CHR7	1E+07	CHR7:10061105	SSF x Far_LoA	-11,0381819	0,074	0,320

CHR7	1E+07	CHR7:10061111	SSF x Far_LoA	-10,9683038	0,021	0,310
CHR7	1E+07	CHR7:10061117	SSF x Far_LoA	-11,674054	0,084	0,298
CHR7	1E+07	CHR7:10068281	SSF x Far_LoA	-6,63164929	-0,136	0,303
CHR7	1E+07	CHR7:10071363	SSF x Far_LoA	-10,8675699	-0,025	0,307
CHR7	1E+07	CHR7:10071391	SSF x Far_LoA	-10,2913184	-0,042	0,321
CHR7	1E+07	CHR7:10071515	SSF x Far_LoA	-10,7950274	-0,025	0,302
CHR7	1E+07	CHR7:10071522	SSF x Far_LoA	-9,25933461	0,014	0,320
CHR7	1E+07	CHR7:10071544	SSF x Far_LoA	-10,8416836	0,017	0,306
CHR7	1E+07	CHR7:10071574	SSF x Far_LoA	-8,37304979	-0,041	0,308
CHR7	1E+07	CHR7:10071592	SSF x Far_LoA	-11,9125421	-0,030	0,293
CHR7	1E+07	CHR7:10073372	SSF x Far_LoA	0,10697229	0,163	0,297
CHR7	1E+07	CHR7:10073532	SSF x Far_LoA	-8,25081086	0,172	0,297
CHR7	1E+07	CHR7:10075053	SSF x Far_LoA	-9,83585005	0,126	0,314
CHR7	1E+07	CHR7:10079656	SSF x Far_LoA	-10,8941365	0,037	0,307
CHR7	1E+07	CHR7:10081140	SSF x Far_LoA	-8,15102663	-0,084	0,297
CHR7	1E+07	CHR7:10081749	SSF x Far_LoA	-8,64419766	0,085	0,294
CHR7	1E+07	CHR7:10081863	SSF x Far_LoA	-10,5086651	0,089	0,285
CHR7	1E+07	CHR7:10086381	SSF x Far_LoA	-8,89793764	0,030	0,306
CHR7	1E+07	CHR7:10086396	SSF x Far_LoA	-7,56832669	0,140	0,312
CHR7	1E+07	CHR7:10086544	SSF x Far_LoA	-5,24009976	0,049	0,314
CHR7	1E+07	CHR7:10086552	SSF x Far_LoA	-6,82162358	0,175	0,281
CHR7	1E+07	CHR7:10086585	SSF x Far_LoA	-6,66265852	-0,127	0,292
CHR7	1E+07	CHR7:10090811	SSF x Far_LoA	-10,4729492	0,079	0,320
CHR7	1E+07	CHR7:10090874	SSF x Far_LoA	-8,65610972	0,074	0,315
CHR7	1E+07	CHR7:10090883	SSF x Far_LoA	-7,54258189	0,061	0,309
CHR7	1E+07	CHR7:10090904	SSF x Far_LoA	-8,76592903	0,050	0,301
CHR7	1E+07	CHR7:10090967	SSF x Far_LoA	-7,79984155	-0,080	0,306
CHR7	1E+07	CHR7:10090976	SSF x Far_LoA	-9,58308365	0,004	0,300
CHR7	1E+07	CHR7:10091001	SSF x Far_LoA	-11,8022439	-0,063	0,291
CHR7	1E+07	CHR7:10091021	SSF x Far_LoA	-5,65352715	0,171	0,297
CHR7	1E+07	CHR7:10091031	SSF x Far_LoA	-6,46195562	0,154	0,310
CHR7	1E+07	CHR7:10091059	SSF x Far_LoA	-9,93203448	-0,031	0,308
CHR7	1E+07	CHR7:10091064	SSF x Far_LoA	-9,82232585	0,145	0,313
CHR7	1E+07	CHR7:10099456	SSF x Far_LoA	-11,2876174	-0,033	0,309
CHR7	1E+07	CHR7:10100119	SSF x Far_LoA	-7,95947808	-0,007	0,322
CHR7	1010103	CHR7:1010103	SSF x Far_LoA	-11,1754362	0,017	0,309
CHR7	1010116	CHR7:1010116	SSF x Far_LoA	-10,8207215	-0,115	0,299
CHR7	1E+07	CHR7:10101331	SSF x Far_LoA	-8,3877328	0,058	0,321
CHR7	1E+07	CHR7:10101359	SSF x Far_LoA	-7,60292069	-0,142	0,297
CHR7	1E+07	CHR7:10101370	SSF x Far_LoA	-10,2306574	-0,118	0,299
CHR7	1E+07	CHR7:10101383	SSF x Far_LoA	-3,90498506	-0,126	0,298
CHR7	1010184	CHR7:1010184	SSF x Far_LoA	-9,83008824	-0,006	0,303
CHR7	1E+07	CHR7:10113832	SSF x Far_LoA	-6,83441755	-0,104	0,298
CHR7	1E+07	CHR7:10114060	SSF x Far_LoA	-9,47532948	-0,154	0,293
CHR7	1E+07	CHR7:10116902	SSF x Far_LoA	-9,31817255	-0,087	0,297
CHR7	1E+07	CHR7:10117245	SSF x Far_LoA	-8,23241331	-0,113	0,310
CHR7	1E+07	CHR7:10117249	SSF x Far_LoA	-8,12353727	0,014	0,329
CHR7	1E+07	CHR7:10117278	SSF x Far_LoA	-6,19415476	0,098	0,316
CHR7	1E+07	CHR7:10117287	SSF x Far_LoA	-7,86906282	0,075	0,308
CHR7	1E+07	CHR7:10117298	SSF x Far_LoA	-9,26094929	0,054	0,303
CHR7	1E+07	CHR7:10117299	SSF x Far_LoA	-9,53709209	0,076	0,314
CHR7	1E+07	CHR7:10117323	SSF x Far_LoA	-8,82951228	0,015	0,323
CHR7	1E+07	CHR7:10121278	SSF x Far_LoA	-9,4533971	-0,101	0,293

CHR7	1E+07	CHR7:10121301	SSF x Far_LoA	-9,63863549	-0,009	0,310
CHR7	1E+07	CHR7:10121315	SSF x Far_LoA	-9,07922555	0,075	0,315
CHR7	1E+07	CHR7:10121330	SSF x Far_LoA	-3,58586998	-0,034	0,306
CHR7	1E+07	CHR7:10121365	SSF x Far_LoA	-10,3606487	-0,051	0,312
CHR7	1E+07	CHR7:10121393	SSF x Far_LoA	-8,86538596	0,008	0,303
CHR7	1E+07	CHR7:10121423	SSF x Far_LoA	-10,1339865	0,015	0,311
CHR7	1E+07	CHR7:10121430	SSF x Far_LoA	-9,10433237	-0,100	0,303
CHR7	1E+07	CHR7:10121514	SSF x Far_LoA	-10,2529518	-0,021	0,310
CHR7	1E+07	CHR7:10121543	SSF x Far_LoA	-10,1234892	-0,131	0,303
CHR7	1E+07	CHR7:10121545	SSF x Far_LoA	-12,4237973	0,014	0,308
CHR7	1E+07	CHR7:10123016	SSF x Far_LoA	-10,9574046	0,073	0,312
CHR7	1E+07	CHR7:10134349	SSF x Far_LoA	-5,26420962	0,092	0,300
CHR7	1E+07	CHR7:10134405	SSF x Far_LoA	-11,0143126	-0,018	0,319
CHR7	1E+07	CHR7:10134435	SSF x Far_LoA	-8,70682405	-0,045	0,315
CHR7	1E+07	CHR7:10134440	SSF x Far_LoA	-10,1839719	0,018	0,310
CHR7	1E+07	CHR7:10134475	SSF x Far_LoA	-8,87383813	0,051	0,326
CHR7	1E+07	CHR7:10138847	SSF x Far_LoA	-8,55999154	-0,033	0,294
CHR7	1E+07	CHR7:10138863	SSF x Far_LoA	-7,83010238	-0,015	0,291
CHR7	1E+07	CHR7:10138989	SSF x Far_LoA	-8,61684199	-0,009	0,308
CHR7	1E+07	CHR7:10145120	SSF x Far_LoA	-10,0441095	0,018	0,304
CHR7	1E+07	CHR7:10163258	SSF x Far_LoA	-10,7217506	-0,018	0,303
CHR7	1E+07	CHR7:10163270	SSF x Far_LoA	-8,39647678	0,055	0,310
CHR7	1E+07	CHR7:10163499	SSF x Far_LoA	-9,82858133	0,042	0,306
CHR7	1E+07	CHR7:10170898	SSF x Far_LoA	-8,07938862	0,108	0,309
CHR7	1E+07	CHR7:10170946	SSF x Far_LoA	-7,54601414	0,034	0,308
CHR7	1E+07	CHR7:10170987	SSF x Far_LoA	-8,7877151	-0,111	0,318
CHR7	1E+07	CHR7:10171118	SSF x Far_LoA	-9,36246662	-0,077	0,303
CHR7	101779	CHR7:101779	SSF x Far_LoA	-8,84592701	-0,106	0,302
CHR7	1E+07	CHR7:10182614	SSF x Far_LoA	-10,3441117	-0,023	0,297
CHR7	1E+07	CHR7:10182618	SSF x Far_LoA	-10,0764717	-0,021	0,312
CHR7	1E+07	CHR7:10182640	SSF x Far_LoA	-7,15070984	0,051	0,301
CHR7	1E+07	CHR7:10187216	SSF x Far_LoA	-8,95750504	0,062	0,314
CHR7	1E+07	CHR7:10187223	SSF x Far_LoA	-10,8292659	-0,088	0,300
CHR7	1E+07	CHR7:10187266	SSF x Far_LoA	-8,88599633	-0,052	0,315
CHR7	1E+07	CHR7:10189340	SSF x Far_LoA	-8,70800934	0,053	0,288
CHR7	1E+07	CHR7:10193350	SSF x Far_LoA	-8,47161709	0,064	0,297
CHR7	1E+07	CHR7:10193494	SSF x Far_LoA	-0,91034239	0,081	0,309
CHR7	1E+07	CHR7:10199053	SSF x Far_LoA	-6,2778165	-0,008	0,313
CHR7	1E+07	CHR7:10199059	SSF x Far_LoA	-8,72950567	0,037	0,309
CHR7	1E+07	CHR7:10199079	SSF x Far_LoA	-8,5992664	-0,088	0,300
CHR7	1E+07	CHR7:10219323	SSF x Far_LoA	-7,31884932	-0,083	0,310
CHR7	1E+07	CHR7:10226880	SSF x Far_LoA	-10,6878795	-0,075	0,297
CHR7	1E+07	CHR7:10226881	SSF x Far_LoA	-8,94461065	-0,099	0,301
CHR7	1E+07	CHR7:10226885	SSF x Far_LoA	-8,70905624	-0,085	0,303
CHR7	1E+07	CHR7:10226886	SSF x Far_LoA	2,8496956	-0,036	0,314
CHR7	1E+07	CHR7:10227268	SSF x Far_LoA	-8,98444066	-0,053	0,319
CHR7	1E+07	CHR7:10227302	SSF x Far_LoA	-8,70707414	-0,055	0,302
CHR7	1E+07	CHR7:10227309	SSF x Far_LoA	-8,28354013	-0,001	0,306
CHR7	1E+07	CHR7:10227318	SSF x Far_LoA	-9,32965553	-0,020	0,309
CHR7	1E+07	CHR7:10227327	SSF x Far_LoA	-10,2888524	0,037	0,287
CHR7	1E+07	CHR7:10227350	SSF x Far_LoA	-9,65989117	-0,031	0,294
CHR7	1E+07	CHR7:10227363	SSF x Far_LoA	-10,9077583	-0,036	0,318
CHR7	1E+07	CHR7:10227364	SSF x Far_LoA	-8,3195385	0,033	0,315

CHR7	1E+07	CHR7:10227368	SSF x Far_LoA	-11,0466968	-0,034	0,327
CHR7	1E+07	CHR7:10229089	SSF x Far_LoA	-10,4638816	-0,044	0,304
CHR7	1E+07	CHR7:10232536	SSF x Far_LoA	-5,54945024	0,120	0,296
CHR7	1E+07	CHR7:10232633	SSF x Far_LoA	-7,41970183	0,050	0,310
CHR7	1E+07	CHR7:10232754	SSF x Far_LoA	-8,61140405	-0,043	0,292
CHR7	1E+07	CHR7:10232759	SSF x Far_LoA	-11,8328447	0,064	0,311
CHR7	1023322	CHR7:1023322	SSF x Far_LoA	-6,16132216	-0,117	0,304
CHR7	1023337	CHR7:1023337	SSF x Far_LoA	-10,9211816	0,074	0,310
CHR7	1023377	CHR7:1023377	SSF x Far_LoA	-10,9933407	0,082	0,314
CHR7	1023397	CHR7:1023397	SSF x Far_LoA	-10,1570608	0,061	0,297
CHR7	1023413	CHR7:1023413	SSF x Far_LoA	-9,5177947	0,010	0,304
CHR7	1023431	CHR7:1023431	SSF x Far_LoA	-9,39702351	0,003	0,309
CHR7	1E+07	CHR7:10247493	SSF x Far_LoA	-8,092512	-0,013	0,308
CHR7	1E+07	CHR7:10247502	SSF x Far_LoA	-9,45456809	0,057	0,303
CHR7	1E+07	CHR7:10247516	SSF x Far_LoA	-8,86581264	0,008	0,317
CHR7	1E+07	CHR7:10247546	SSF x Far_LoA	-6,78812387	-0,014	0,327
CHR7	1E+07	CHR7:10247559	SSF x Far_LoA	-9,25344424	-0,057	0,317
CHR7	1E+07	CHR7:10247568	SSF x Far_LoA	-8,81715984	-0,069	0,312
CHR7	1E+07	CHR7:10247578	SSF x Far_LoA	-6,3134307	-0,026	0,315
CHR7	1E+07	CHR7:10247600	SSF x Far_LoA	-11,4974422	0,043	0,314
CHR7	1E+07	CHR7:10247617	SSF x Far_LoA	-9,91746684	0,017	0,293
CHR7	1E+07	CHR7:10252234	SSF x Far_LoA	-9,16279168	-0,066	0,307
CHR7	1E+07	CHR7:10252279	SSF x Far_LoA	-8,43640314	0,116	0,301
CHR7	1E+07	CHR7:10257992	SSF x Far_LoA	-9,3005953	0,094	0,304
CHR7	1E+07	CHR7:10258055	SSF x Far_LoA	-9,22675602	0,007	0,295
CHR7	1E+07	CHR7:10275492	SSF x Far_LoA	-10,6199384	0,062	0,300
CHR7	1E+07	CHR7:10280055	SSF x Far_LoA	-8,78436609	0,034	0,319
CHR7	1E+07	CHR7:10280061	SSF x Far_LoA	-9,21816342	0,053	0,302
CHR7	1E+07	CHR7:10280077	SSF x Far_LoA	-9,61619466	0,001	0,324
CHR7	1E+07	CHR7:10280080	SSF x Far_LoA	-7,3495057	0,046	0,318
CHR7	1E+07	CHR7:10280095	SSF x Far_LoA	-9,52135327	-0,086	0,297
CHR7	1E+07	CHR7:10280137	SSF x Far_LoA	-10,4243628	0,003	0,302
CHR7	1E+07	CHR7:10280156	SSF x Far_LoA	-10,4889104	-0,005	0,295
CHR7	1E+07	CHR7:10280912	SSF x Far_LoA	-10,0142244	0,105	0,312
CHR7	1E+07	CHR7:10280941	SSF x Far_LoA	-10,0272036	-0,104	0,311
CHR7	1E+07	CHR7:10280973	SSF x Far_LoA	-8,30732031	-0,028	0,318
CHR7	1E+07	CHR7:10283748	SSF x Far_LoA	-10,1608192	0,097	0,292
CHR7	1E+07	CHR7:10283787	SSF x Far_LoA	-10,1055201	0,012	0,307
CHR7	1E+07	CHR7:10285566	SSF x Far_LoA	-9,60725601	-0,066	0,303
CHR7	1E+07	CHR7:10285619	SSF x Far_LoA	-10,3110445	0,094	0,304
CHR7	1E+07	CHR7:10285766	SSF x Far_LoA	-8,16463353	0,074	0,296
CHR7	1E+07	CHR7:10291771	SSF x Far_LoA	-10,7643968	-0,009	0,312
CHR7	1E+07	CHR7:10291940	SSF x Far_LoA	-7,74236578	-0,124	0,307
CHR7	1E+07	CHR7:10291969	SSF x Far_LoA	-10,7311904	0,028	0,304
CHR7	1E+07	CHR7:10294767	SSF x Far_LoA	-10,4772718	-0,074	0,304
CHR7	1E+07	CHR7:10294872	SSF x Far_LoA	-9,21885979	-0,096	0,307
CHR7	1E+07	CHR7:10297783	SSF x Far_LoA	-10,3929497	-0,080	0,313
CHR7	1E+07	CHR7:10297977	SSF x Far_LoA	-7,54103408	0,109	0,301
CHR7	1E+07	CHR7:10311320	SSF x Far_LoA	-8,68261926	0,125	0,298
CHR7	1E+07	CHR7:10311325	SSF x Far_LoA	-8,04304321	0,116	0,300
CHR7	1E+07	CHR7:10311390	SSF x Far_LoA	-4,97625645	-0,136	0,308
CHR7	1E+07	CHR7:10311401	SSF x Far_LoA	-8,07296408	-0,132	0,312
CHR7	1E+07	CHR7:10311416	SSF x Far_LoA	-10,1555006	-0,023	0,295

CHR7	1E+07	CHR7:10311427	SSF x Far_LoA	-4,23985803	-0,084	0,306
CHR7	1E+07	CHR7:10311428	SSF x Far_LoA	-10,5293196	-0,061	0,305
CHR7	1E+07	CHR7:10311439	SSF x Far_LoA	-9,09406876	-0,029	0,306
CHR7	1E+07	CHR7:10311454	SSF x Far_LoA	-8,81107142	0,077	0,307
CHR7	1E+07	CHR7:10314551	SSF x Far_LoA	-7,0422232	0,159	0,305
CHR7	1E+07	CHR7:10314634	SSF x Far_LoA	-10,20363	0,163	0,289
CHR7	1E+07	CHR7:10314694	SSF x Far_LoA	-8,74498084	-0,006	0,308
CHR7	1E+07	CHR7:10314734	SSF x Far_LoA	-7,94909788	-0,116	0,307
CHR7	1E+07	CHR7:10328936	SSF x Far_LoA	-7,53540297	0,022	0,301
CHR7	1E+07	CHR7:10329119	SSF x Far_LoA	-10,298429	-0,079	0,315
CHR7	1E+07	CHR7:10329123	SSF x Far_LoA	-9,3662986	-0,032	0,300
CHR7	1033587	CHR7:1033587	SSF x Far_LoA	-9,23275757	0,016	0,312
CHR7	1E+07	CHR7:10338444	SSF x Far_LoA	-9,0116827	0,079	0,292
CHR7	1E+07	CHR7:10338621	SSF x Far_LoA	-8,15097092	0,104	0,300
CHR7	1E+07	CHR7:10339846	SSF x Far_LoA	-10,2868055	-0,028	0,310
CHR7	1E+07	CHR7:10339924	SSF x Far_LoA	-7,38509121	0,081	0,292
CHR7	1E+07	CHR7:10341575	SSF x Far_LoA	-11,6905577	0,032	0,300
CHR7	1E+07	CHR7:10341717	SSF x Far_LoA	-10,3527392	0,101	0,294
CHR7	1E+07	CHR7:10341752	SSF x Far_LoA	-9,69179939	0,090	0,308
CHR7	1E+07	CHR7:10354958	SSF x Far_LoA	-1,61085266	0,121	0,304
CHR7	1E+07	CHR7:10354980	SSF x Far_LoA	-8,56905057	-0,049	0,305
CHR7	1E+07	CHR7:10355002	SSF x Far_LoA	-7,18254216	0,032	0,321
CHR7	1E+07	CHR7:10355003	SSF x Far_LoA	-9,31583799	0,077	0,301
CHR7	1E+07	CHR7:10355019	SSF x Far_LoA	-9,29440623	-0,056	0,306
CHR7	1E+07	CHR7:10355033	SSF x Far_LoA	-11,5138946	0,018	0,299
CHR7	1E+07	CHR7:10359992	SSF x Far_LoA	-7,98830254	0,124	0,304
CHR7	1E+07	CHR7:10360052	SSF x Far_LoA	-7,26951416	-0,068	0,297
CHR7	1E+07	CHR7:10360265	SSF x Far_LoA	-6,62688677	0,076	0,318
CHR7	1E+07	CHR7:10379660	SSF x Far_LoA	-10,2749987	0,094	0,301
CHR7	1E+07	CHR7:10379736	SSF x Far_LoA	-10,1384057	0,098	0,299
CHR7	1E+07	CHR7:10379771	SSF x Far_LoA	-7,7920385	-0,025	0,301
CHR7	1038026	CHR7:1038026	SSF x Far_LoA	-8,04236507	0,160	0,299
CHR7	1038144	CHR7:1038144	SSF x Far_LoA	-8,26204248	0,097	0,306
CHR7	1038146	CHR7:1038146	SSF x Far_LoA	-8,21787505	0,075	0,320
CHR7	1038173	CHR7:1038173	SSF x Far_LoA	-6,4544044	0,042	0,318
CHR7	1038203	CHR7:1038203	SSF x Far_LoA	-9,68323307	0,039	0,308
CHR7	1E+07	CHR7:10387247	SSF x Far_LoA	-8,16525029	-0,026	0,301
CHR7	1E+07	CHR7:10387267	SSF x Far_LoA	-10,1855667	0,025	0,309
CHR7	1E+07	CHR7:10389462	SSF x Far_LoA	-10,472119	0,092	0,309
CHR7	1E+07	CHR7:10390717	SSF x Far_LoA	-11,9603426	-0,002	0,301
CHR7	1E+07	CHR7:10390827	SSF x Far_LoA	-8,13171518	-0,059	0,305
CHR7	1E+07	CHR7:10390849	SSF x Far_LoA	-9,70544108	-0,072	0,314
CHR7	1E+07	CHR7:10390875	SSF x Far_LoA	-9,64053253	0,049	0,292
CHR7	1E+07	CHR7:10390907	SSF x Far_LoA	-9,76509895	-0,102	0,298
CHR7	1E+07	CHR7:10393546	SSF x Far_LoA	-8,89566573	-0,012	0,305
CHR7	1E+07	CHR7:10393578	SSF x Far_LoA	-7,23918529	-0,056	0,307
CHR7	1E+07	CHR7:10393638	SSF x Far_LoA	-10,4175613	0,031	0,314
CHR7	1E+07	CHR7:10395411	SSF x Far_LoA	-1,55423703	0,042	0,299
CHR7	1E+07	CHR7:10406591	SSF x Far_LoA	-7,82618331	-0,003	0,315
CHR7	1E+07	CHR7:10409431	SSF x Far_LoA	-7,5351347	-0,097	0,305
CHR7	1E+07	CHR7:10409512	SSF x Far_LoA	-9,59240979	0,000	0,301
CHR7	1E+07	CHR7:10409520	SSF x Far_LoA	-6,51886717	-0,013	0,323
CHR7	1E+07	CHR7:10416817	SSF x Far_LoA	-11,7135353	-0,045	0,299

CHR7	1E+07	CHR7:10416837	SSF x Far_LoA	-9,26042859	0,005	0,309
CHR7	1E+07	CHR7:10416843	SSF x Far_LoA	-6,58655272	0,078	0,312
CHR7	1E+07	CHR7:10416847	SSF x Far_LoA	-8,65359673	0,021	0,311
CHR7	1E+07	CHR7:10421964	SSF x Far_LoA	-11,4628902	-0,021	0,315
CHR7	1E+07	CHR7:10431260	SSF x Far_LoA	-9,36308399	-0,079	0,312
CHR7	1E+07	CHR7:10431272	SSF x Far_LoA	-9,82152037	-0,050	0,304
CHR7	1E+07	CHR7:10436234	SSF x Far_LoA	-7,82429388	-0,071	0,298
CHR7	1E+07	CHR7:10438552	SSF x Far_LoA	-6,29321249	0,031	0,316
CHR7	1E+07	CHR7:10438570	SSF x Far_LoA	-10,7713932	-0,050	0,308
CHR7	1E+07	CHR7:10438578	SSF x Far_LoA	-10,418379	-0,060	0,302
CHR7	1E+07	CHR7:10438608	SSF x Far_LoA	-7,13382978	0,006	0,317
CHR7	1E+07	CHR7:10438627	SSF x Far_LoA	-11,4779125	0,041	0,298
CHR7	1E+07	CHR7:10438706	SSF x Far_LoA	-9,47883734	-0,109	0,294
CHR7	1E+07	CHR7:10438712	SSF x Far_LoA	-8,7210584	-0,042	0,309
CHR7	1E+07	CHR7:10438732	SSF x Far_LoA	-10,9105805	0,015	0,306
CHR7	1E+07	CHR7:10438756	SSF x Far_LoA	-11,0913169	0,033	0,305
CHR7	1E+07	CHR7:10460793	SSF x Far_LoA	-9,35445961	-0,042	0,302
CHR7	1E+07	CHR7:10460872	SSF x Far_LoA	-10,6385406	-0,026	0,306
CHR7	1E+07	CHR7:10460876	SSF x Far_LoA	-10,0492246	0,080	0,303
CHR7	1E+07	CHR7:10460907	SSF x Far_LoA	-9,80122483	-0,013	0,303
CHR7	1E+07	CHR7:10467700	SSF x Far_LoA	-6,86502157	-0,180	0,296
CHR7	1E+07	CHR7:10467705	SSF x Far_LoA	-4,31053665	0,218	0,299
CHR7	1E+07	CHR7:10467707	SSF x Far_LoA	-7,54325605	0,093	0,310
CHR7	1E+07	CHR7:10467872	SSF x Far_LoA	-9,14360867	0,010	0,315
CHR7	1E+07	CHR7:10467962	SSF x Far_LoA	-9,21208169	0,099	0,291
CHR7	1E+07	CHR7:10482788	SSF x Far_LoA	-10,6710236	0,081	0,305
CHR7	1E+07	CHR7:10482844	SSF x Far_LoA	-11,4475043	0,014	0,304
CHR7	1E+07	CHR7:10483391	SSF x Far_LoA	-8,45781681	0,116	0,312
CHR7	1E+07	CHR7:10483463	SSF x Far_LoA	-9,36689044	0,064	0,307
CHR7	1E+07	CHR7:10483466	SSF x Far_LoA	-11,0129002	0,074	0,293
CHR7	1048639	CHR7:1048639	SSF x Far_LoA	-11,4173069	0,004	0,309
CHR7	1048832	CHR7:1048832	SSF x Far_LoA	-11,6177412	-0,033	0,303
CHR7	1048896	CHR7:1048896	SSF x Far_LoA	-5,03832875	-0,029	0,323
CHR7	1E+07	CHR7:10491423	SSF x Far_LoA	-8,764673	-0,065	0,308
CHR7	1E+07	CHR7:10491753	SSF x Far_LoA	-9,97371875	0,024	0,304
CHR7	1E+07	CHR7:10498503	SSF x Far_LoA	-10,7307674	0,017	0,309
CHR7	1E+07	CHR7:10498557	SSF x Far_LoA	-9,55799296	-0,014	0,308
CHR7	10500512	CHR7:10500512	SSF x Far_LoA	-9,45236387	0,058	0,303
CHR7	10500513	CHR7:10500513	SSF x Far_LoA	-9,93410506	0,041	0,322
CHR7	10500593	CHR7:10500593	SSF x Far_LoA	-8,56770673	0,002	0,319
CHR7	10500621	CHR7:10500621	SSF x Far_LoA	-8,18398272	-0,115	0,299
CHR7	10507417	CHR7:10507417	SSF x Far_LoA	-1,42030967	0,206	0,297
CHR7	10507571	CHR7:10507571	SSF x Far_LoA	-9,07109404	-0,123	0,311
CHR7	10507937	CHR7:10507937	SSF x Far_LoA	-6,00074564	-0,144	0,290
CHR7	10512045	CHR7:10512045	SSF x Far_LoA	-8,56088471	0,056	0,315
CHR7	10512084	CHR7:10512084	SSF x Far_LoA	-10,8379467	0,092	0,295
CHR7	10512101	CHR7:10512101	SSF x Far_LoA	-9,35249378	0,049	0,315
CHR7	10514356	CHR7:10514356	SSF x Far_LoA	-9,68323988	-0,038	0,310
CHR7	10514380	CHR7:10514380	SSF x Far_LoA	-10,7951055	0,022	0,315
CHR7	10514411	CHR7:10514411	SSF x Far_LoA	-9,68082428	0,021	0,305
CHR7	10514471	CHR7:10514471	SSF x Far_LoA	-10,9871252	-0,032	0,305
CHR7	10514548	CHR7:10514548	SSF x Far_LoA	-11,2994307	-0,045	0,304
CHR7	10514577	CHR7:10514577	SSF x Far_LoA	-9,0488107	-0,148	0,295

CHR7	10520380	CHR7:10520380	SSF x Far_LoA	-9,15075509	-0,041	0,310
CHR7	10520433	CHR7:10520433	SSF x Far_LoA	-5,46869514	0,065	0,297
CHR7	10520477	CHR7:10520477	SSF x Far_LoA	-8,25013771	-0,041	0,294
CHR7	10520497	CHR7:10520497	SSF x Far_LoA	-9,10176887	0,062	0,307
CHR7	10520525	CHR7:10520525	SSF x Far_LoA	-5,20964614	0,108	0,294
CHR7	1053984	CHR7:1053984	SSF x Far_LoA	-7,55403998	0,035	0,300
CHR7	1054009	CHR7:1054009	SSF x Far_LoA	-3,41531822	-0,020	0,298
CHR7	1054124	CHR7:1054124	SSF x Far_LoA	-9,46658645	-0,024	0,291
CHR7	1054147	CHR7:1054147	SSF x Far_LoA	-9,18241749	0,106	0,311
CHR7	1054157	CHR7:1054157	SSF x Far_LoA	-8,55785129	0,034	0,305
CHR7	10550509	CHR7:10550509	SSF x Far_LoA	-10,8331964	-0,047	0,299
CHR7	10550594	CHR7:10550594	SSF x Far_LoA	-9,39840494	-0,091	0,299
CHR7	10550629	CHR7:10550629	SSF x Far_LoA	-6,1331583	-0,027	0,300
CHR7	10553134	CHR7:10553134	SSF x Far_LoA	-1,98435538	-0,016	0,327
CHR7	10553731	CHR7:10553731	SSF x Far_LoA	-6,33589278	0,012	0,328
CHR7	10553751	CHR7:10553751	SSF x Far_LoA	-3,72096385	-0,246	0,300
CHR7	10553824	CHR7:10553824	SSF x Far_LoA	-9,372227	-0,030	0,315
CHR7	10558127	CHR7:10558127	SSF x Far_LoA	-10,3943841	-0,102	0,308
CHR7	10558144	CHR7:10558144	SSF x Far_LoA	-8,9188966	-0,021	0,309
CHR7	10558240	CHR7:10558240	SSF x Far_LoA	-9,0178754	0,007	0,296
CHR7	10558241	CHR7:10558241	SSF x Far_LoA	-10,3330402	-0,042	0,307
CHR7	10574276	CHR7:10574276	SSF x Far_LoA	-10,3155875	-0,117	0,312
CHR7	10577211	CHR7:10577211	SSF x Far_LoA	-7,8780397	-0,142	0,313
CHR7	10577339	CHR7:10577339	SSF x Far_LoA	-8,67176684	-0,110	0,295
CHR7	10587733	CHR7:10587733	SSF x Far_LoA	-7,99335509	0,058	0,303
CHR7	10592520	CHR7:10592520	SSF x Far_LoA	-10,9749486	0,007	0,289
CHR7	1059572	CHR7:1059572	SSF x Far_LoA	-11,355374	0,161	0,285
CHR7	10599069	CHR7:10599069	SSF x Far_LoA	-9,36530254	0,077	0,318
CHR7	10599194	CHR7:10599194	SSF x Far_LoA	-11,0740031	-0,033	0,306
CHR7	10600309	CHR7:10600309	SSF x Far_LoA	-10,0409122	0,032	0,306
CHR7	10600362	CHR7:10600362	SSF x Far_LoA	-9,78839715	-0,086	0,306
CHR7	10600367	CHR7:10600367	SSF x Far_LoA	-7,11191207	-0,076	0,313
CHR7	10600423	CHR7:10600423	SSF x Far_LoA	-10,9478113	0,089	0,306
CHR7	10616543	CHR7:10616543	SSF x Far_LoA	-10,8600036	0,036	0,301
CHR7	10616567	CHR7:10616567	SSF x Far_LoA	-10,0589868	0,011	0,315
CHR7	10616596	CHR7:10616596	SSF x Far_LoA	-10,5626174	-0,030	0,319
CHR7	10623297	CHR7:10623297	SSF x Far_LoA	-9,5773891	0,000	0,313
CHR7	10623362	CHR7:10623362	SSF x Far_LoA	-10,893808	-0,015	0,289
CHR7	10638032	CHR7:10638032	SSF x Far_LoA	-9,90292023	-0,033	0,302
CHR7	10638213	CHR7:10638213	SSF x Far_LoA	-9,14913087	-0,057	0,302
CHR7	10639166	CHR7:10639166	SSF x Far_LoA	-4,80402874	-0,061	0,296
CHR7	10649404	CHR7:10649404	SSF x Far_LoA	-11,8850422	0,055	0,307
CHR7	10654143	CHR7:10654143	SSF x Far_LoA	-9,49914133	0,074	0,304
CHR7	10654207	CHR7:10654207	SSF x Far_LoA	-9,05686377	-0,111	0,292
CHR7	10654522	CHR7:10654522	SSF x Far_LoA	-10,5953341	-0,027	0,312
CHR7	10656600	CHR7:10656600	SSF x Far_LoA	-10,2170903	-0,065	0,294
CHR7	10656762	CHR7:10656762	SSF x Far_LoA	-10,1454823	-0,037	0,308
CHR7	10656771	CHR7:10656771	SSF x Far_LoA	-9,52877429	-0,046	0,300
CHR7	10656783	CHR7:10656783	SSF x Far_LoA	-5,60472232	-0,044	0,305
CHR7	10656795	CHR7:10656795	SSF x Far_LoA	-7,8686795	-0,049	0,302
CHR7	10656822	CHR7:10656822	SSF x Far_LoA	-9,10398669	-0,051	0,312
CHR7	10656824	CHR7:10656824	SSF x Far_LoA	-9,46334993	0,031	0,321
CHR7	1065763	CHR7:1065763	SSF x Far_LoA	-12,2634515	-0,035	0,285

CHR7	10673320	CHR7:10673320	SSF x Far_LoA	-10,1919603	0,065	0,305
CHR7	10673420	CHR7:10673420	SSF x Far_LoA	-11,5680583	-0,025	0,302
CHR7	10673495	CHR7:10673495	SSF x Far_LoA	-10,6271288	0,018	0,314
CHR7	10675581	CHR7:10675581	SSF x Far_LoA	-9,36161364	0,033	0,306
CHR7	10679558	CHR7:10679558	SSF x Far_LoA	-7,68327718	0,057	0,309
CHR7	10679564	CHR7:10679564	SSF x Far_LoA	-9,3183965	0,051	0,318
CHR7	10679583	CHR7:10679583	SSF x Far_LoA	-10,1534328	0,023	0,291
CHR7	10679612	CHR7:10679612	SSF x Far_LoA	-11,2654547	-0,054	0,319
CHR7	10679631	CHR7:10679631	SSF x Far_LoA	-8,42334235	0,069	0,306
CHR7	10679669	CHR7:10679669	SSF x Far_LoA	-9,42957931	0,034	0,310
CHR7	10679674	CHR7:10679674	SSF x Far_LoA	-9,59517464	0,062	0,306
CHR7	1068340	CHR7:1068340	SSF x Far_LoA	-7,91220787	-0,032	0,302
CHR7	1068341	CHR7:1068341	SSF x Far_LoA	-8,43699549	-0,013	0,296
CHR7	1068405	CHR7:1068405	SSF x Far_LoA	-8,62948919	-0,052	0,303
CHR7	10684089	CHR7:10684089	SSF x Far_LoA	-3,84618534	0,074	0,310
CHR7	10686396	CHR7:10686396	SSF x Far_LoA	-8,10451528	-0,083	0,322
CHR7	10686420	CHR7:10686420	SSF x Far_LoA	-8,2115901	0,113	0,304
CHR7	10686438	CHR7:10686438	SSF x Far_LoA	-10,3372616	-0,026	0,310
CHR7	10687386	CHR7:10687386	SSF x Far_LoA	-10,8498242	-0,053	0,296
CHR7	1068772	CHR7:1068772	SSF x Far_LoA	-9,60055833	0,111	0,301
CHR7	1068789	CHR7:1068789	SSF x Far_LoA	-10,1856478	0,127	0,298
CHR7	1068790	CHR7:1068790	SSF x Far_LoA	-10,6443844	0,116	0,302
CHR7	10691285	CHR7:10691285	SSF x Far_LoA	-9,40370748	0,042	0,306
CHR7	10691366	CHR7:10691366	SSF x Far_LoA	-9,32621208	0,126	0,300
CHR7	10691833	CHR7:10691833	SSF x Far_LoA	-10,6408249	-0,018	0,293
CHR7	10704289	CHR7:10704289	SSF x Far_LoA	-8,55369051	0,010	0,305
CHR7	10704316	CHR7:10704316	SSF x Far_LoA	-5,98967536	-0,107	0,315
CHR7	10704327	CHR7:10704327	SSF x Far_LoA	-8,47685084	-0,100	0,285
CHR7	10704343	CHR7:10704343	SSF x Far_LoA	-8,13765687	-0,099	0,301
CHR7	10704357	CHR7:10704357	SSF x Far_LoA	-8,07177014	-0,105	0,306
CHR7	10704409	CHR7:10704409	SSF x Far_LoA	-11,4362903	-0,092	0,301
CHR7	10704484	CHR7:10704484	SSF x Far_LoA	-8,24205251	0,074	0,321
CHR7	10704536	CHR7:10704536	SSF x Far_LoA	-9,45923354	0,114	0,300
CHR7	10707841	CHR7:10707841	SSF x Far_LoA	-8,18601066	0,091	0,307
CHR7	10707950	CHR7:10707950	SSF x Far_LoA	-9,0093438	0,005	0,297
CHR7	10707963	CHR7:10707963	SSF x Far_LoA	-11,2556941	-0,026	0,306
CHR7	10709326	CHR7:10709326	SSF x Far_LoA	-7,58822262	0,082	0,311
CHR7	10723924	CHR7:10723924	SSF x Far_LoA	-5,30924304	-0,219	0,300
CHR7	10733836	CHR7:10733836	SSF x Far_LoA	-7,8394879	0,056	0,309
CHR7	10739459	CHR7:10739459	SSF x Far_LoA	-6,78259011	-0,181	0,291
CHR7	10739486	CHR7:10739486	SSF x Far_LoA	-11,7552845	-0,039	0,307
CHR7	1074637	CHR7:1074637	SSF x Far_LoA	-11,7784458	-0,017	0,303
CHR7	1074642	CHR7:1074642	SSF x Far_LoA	-9,64075723	0,022	0,312
CHR7	1074654	CHR7:1074654	SSF x Far_LoA	-10,9696618	0,030	0,304
CHR7	1074689	CHR7:1074689	SSF x Far_LoA	-12,9979849	-0,006	0,301
CHR7	1074694	CHR7:1074694	SSF x Far_LoA	-12,269397	-0,015	0,306
CHR7	10747803	CHR7:10747803	SSF x Far_LoA	-7,55936313	0,012	0,308
CHR7	10747840	CHR7:10747840	SSF x Far_LoA	-7,33582413	0,081	0,305
CHR7	1074796	CHR7:1074796	SSF x Far_LoA	-7,62332464	-0,021	0,300
CHR7	1074809	CHR7:1074809	SSF x Far_LoA	-9,3119517	-0,037	0,296
CHR7	1074814	CHR7:1074814	SSF x Far_LoA	-9,16972936	-0,049	0,303
CHR7	1074815	CHR7:1074815	SSF x Far_LoA	-9,29242681	-0,018	0,306
CHR7	1074854	CHR7:1074854	SSF x Far_LoA	-8,73448849	0,033	0,310

CHR7	10766328	CHR7:10766328	SSF x Far_LoA	-10,3141313	0,167	0,290
CHR7	10766412	CHR7:10766412	SSF x Far_LoA	-11,0987377	0,055	0,302
CHR7	10766477	CHR7:10766477	SSF x Far_LoA	-8,14265789	-0,098	0,303
CHR7	10766534	CHR7:10766534	SSF x Far_LoA	-8,04780634	-0,144	0,307
CHR7	10766601	CHR7:10766601	SSF x Far_LoA	-9,56613571	0,111	0,296
CHR7	10770648	CHR7:10770648	SSF x Far_LoA	-7,03917291	-0,090	0,301
CHR7	10770652	CHR7:10770652	SSF x Far_LoA	-9,00159895	-0,096	0,306
CHR7	10770837	CHR7:10770837	SSF x Far_LoA	-8,44207732	0,025	0,301
CHR7	10773858	CHR7:10773858	SSF x Far_LoA	-10,1477282	-0,126	0,290
CHR7	10778121	CHR7:10778121	SSF x Far_LoA	-8,58344618	0,039	0,306
CHR7	10778133	CHR7:10778133	SSF x Far_LoA	-9,10276245	0,187	0,296
CHR7	10778213	CHR7:10778213	SSF x Far_LoA	-11,2489089	0,001	0,303
CHR7	10778251	CHR7:10778251	SSF x Far_LoA	-11,4319498	0,057	0,304
CHR7	10778297	CHR7:10778297	SSF x Far_LoA	-11,0220551	-0,035	0,293
CHR7	10780064	CHR7:10780064	SSF x Far_LoA	-9,16230774	0,005	0,299
CHR7	10780077	CHR7:10780077	SSF x Far_LoA	-9,60404529	0,007	0,302
CHR7	10780083	CHR7:10780083	SSF x Far_LoA	-9,11105356	-0,014	0,311
CHR7	10790713	CHR7:10790713	SSF x Far_LoA	-5,39334424	0,141	0,285
CHR7	10790726	CHR7:10790726	SSF x Far_LoA	-7,57884331	0,027	0,308
CHR7	10797252	CHR7:10797252	SSF x Far_LoA	-9,30497714	-0,041	0,300
CHR7	10809480	CHR7:10809480	SSF x Far_LoA	-6,13216372	0,084	0,314
CHR7	10815363	CHR7:10815363	SSF x Far_LoA	-9,91080667	0,093	0,309
CHR7	10815368	CHR7:10815368	SSF x Far_LoA	-8,69601905	0,038	0,312
CHR7	10818561	CHR7:10818561	SSF x Far_LoA	-10,8999876	-0,062	0,300
CHR7	10818654	CHR7:10818654	SSF x Far_LoA	-7,27848622	-0,075	0,311
CHR7	10831896	CHR7:10831896	SSF x Far_LoA	-8,09713123	0,069	0,325
CHR7	10832097	CHR7:10832097	SSF x Far_LoA	-9,43337929	-0,002	0,311
CHR7	10843672	CHR7:10843672	SSF x Far_LoA	-10,3993559	-0,043	0,306
CHR7	10843680	CHR7:10843680	SSF x Far_LoA	-9,02109165	-0,088	0,302
CHR7	10843699	CHR7:10843699	SSF x Far_LoA	-7,85234389	0,072	0,301
CHR7	10843915	CHR7:10843915	SSF x Far_LoA	2,33508432	-0,039	0,307
CHR7	10843941	CHR7:10843941	SSF x Far_LoA	-10,6809017	0,141	0,306
CHR7	10852782	CHR7:10852782	SSF x Far_LoA	-10,0714441	-0,129	0,303
CHR7	1085739	CHR7:1085739	SSF x Far_LoA	-8,40371837	0,007	0,305
CHR7	1085741	CHR7:1085741	SSF x Far_LoA	-8,50219278	0,048	0,304
CHR7	1085742	CHR7:1085742	SSF x Far_LoA	0,20545079	0,018	0,321
CHR7	1085804	CHR7:1085804	SSF x Far_LoA	-11,3326679	0,078	0,298
CHR7	1085805	CHR7:1085805	SSF x Far_LoA	-10,5075592	0,066	0,317
CHR7	1085814	CHR7:1085814	SSF x Far_LoA	-9,19218823	-0,092	0,315
CHR7	10858370	CHR7:10858370	SSF x Far_LoA	-8,60153466	0,035	0,310
CHR7	10859428	CHR7:10859428	SSF x Far_LoA	-7,91527152	-0,032	0,314
CHR7	10859431	CHR7:10859431	SSF x Far_LoA	-7,31626699	-0,011	0,315
CHR7	10859457	CHR7:10859457	SSF x Far_LoA	-10,6062103	-0,061	0,320
CHR7	10859541	CHR7:10859541	SSF x Far_LoA	-9,14890036	0,058	0,322
CHR7	10870173	CHR7:10870173	SSF x Far_LoA	-10,6743242	0,051	0,318
CHR7	10870329	CHR7:10870329	SSF x Far_LoA	-11,3035679	-0,161	0,299
CHR7	10882623	CHR7:10882623	SSF x Far_LoA	-11,8784881	0,046	0,301
CHR7	10882629	CHR7:10882629	SSF x Far_LoA	-8,56249918	-0,016	0,321
CHR7	10882678	CHR7:10882678	SSF x Far_LoA	-9,01015797	-0,148	0,308
CHR7	10882683	CHR7:10882683	SSF x Far_LoA	-6,71102513	-0,178	0,304
CHR7	10882868	CHR7:10882868	SSF x Far_LoA	-9,37421229	-0,099	0,306
CHR7	10883804	CHR7:10883804	SSF x Far_LoA	-5,5084693	0,177	0,299
CHR7	10883819	CHR7:10883819	SSF x Far_LoA	-11,5331084	0,090	0,301

CHR7	10883863	CHR7:10883863	SSF x Far_LoA	-6,05330346	0,183	0,302
CHR7	10883872	CHR7:10883872	SSF x Far_LoA	-7,48838038	-0,113	0,304
CHR7	10884216	CHR7:10884216	SSF x Far_LoA	-8,5282289	0,159	0,303
CHR7	10903752	CHR7:10903752	SSF x Far_LoA	-8,58658372	-0,062	0,304
CHR7	10903833	CHR7:10903833	SSF x Far_LoA	-10,6290173	0,020	0,313
CHR7	10903942	CHR7:10903942	SSF x Far_LoA	-12,0215561	0,070	0,296
CHR7	10903959	CHR7:10903959	SSF x Far_LoA	-11,667972	-0,018	0,307
CHR7	10911014	CHR7:10911014	SSF x Far_LoA	-2,17167432	-0,197	0,304
CHR7	10911050	CHR7:10911050	SSF x Far_LoA	-10,4512855	0,000	0,304
CHR7	10911090	CHR7:10911090	SSF x Far_LoA	-11,0275504	0,120	0,296
CHR7	10911122	CHR7:10911122	SSF x Far_LoA	-7,61996535	-0,053	0,302
CHR7	10911146	CHR7:10911146	SSF x Far_LoA	-8,56358359	-0,101	0,299
CHR7	10911180	CHR7:10911180	SSF x Far_LoA	-6,86008624	0,120	0,313
CHR7	10911183	CHR7:10911183	SSF x Far_LoA	-9,00582011	0,038	0,311
CHR7	10921911	CHR7:10921911	SSF x Far_LoA	-10,6935243	0,011	0,296
CHR7	10921999	CHR7:10921999	SSF x Far_LoA	-10,3736723	0,042	0,304
CHR7	10922165	CHR7:10922165	SSF x Far_LoA	-9,25845735	0,135	0,296
CHR7	10922202	CHR7:10922202	SSF x Far_LoA	-11,1865916	0,014	0,292
CHR7	10935370	CHR7:10935370	SSF x Far_LoA	-9,01147218	0,084	0,300
CHR7	10953038	CHR7:10953038	SSF x Far_LoA	-10,9593053	-0,051	0,319
CHR7	10953043	CHR7:10953043	SSF x Far_LoA	-10,9411091	-0,143	0,298
CHR7	10953061	CHR7:10953061	SSF x Far_LoA	-10,6216352	0,080	0,301
CHR7	10953085	CHR7:10953085	SSF x Far_LoA	-7,63876146	-0,137	0,306
CHR7	10955447	CHR7:10955447	SSF x Far_LoA	-11,3721176	-0,046	0,300
CHR7	10956617	CHR7:10956617	SSF x Far_LoA	-10,748449	-0,038	0,290
CHR7	10956636	CHR7:10956636	SSF x Far_LoA	-8,90527065	-0,014	0,315
CHR7	10956639	CHR7:10956639	SSF x Far_LoA	-11,1457198	-0,069	0,302
CHR7	10956644	CHR7:10956644	SSF x Far_LoA	-9,82984869	0,079	0,320
CHR7	10956683	CHR7:10956683	SSF x Far_LoA	-6,72200674	0,043	0,313
CHR7	10956695	CHR7:10956695	SSF x Far_LoA	-8,94719453	0,004	0,323
CHR7	10956799	CHR7:10956799	SSF x Far_LoA	-11,6609	-0,070	0,307
CHR7	10956820	CHR7:10956820	SSF x Far_LoA	-9,36472416	0,127	0,298
CHR7	10956823	CHR7:10956823	SSF x Far_LoA	-10,5907707	0,182	0,281
CHR7	10956825	CHR7:10956825	SSF x Far_LoA	-3,66604364	-0,188	0,297
CHR7	10956874	CHR7:10956874	SSF x Far_LoA	-6,58673169	-0,089	0,320
CHR7	10956877	CHR7:10956877	SSF x Far_LoA	-10,9984704	0,138	0,282
CHR7	10963682	CHR7:10963682	SSF x Far_LoA	-3,46293456	-0,209	0,296
CHR7	10963683	CHR7:10963683	SSF x Far_LoA	-1,01158597	-0,216	0,306
CHR7	10963723	CHR7:10963723	SSF x Far_LoA	-4,9931802	-0,183	0,309
CHR7	10963786	CHR7:10963786	SSF x Far_LoA	3,92917878	0,089	0,291
CHR7	10974509	CHR7:10974509	SSF x Far_LoA	-8,70471524	0,065	0,307
CHR7	10974510	CHR7:10974510	SSF x Far_LoA	-8,68497401	0,066	0,293
CHR7	10974532	CHR7:10974532	SSF x Far_LoA	3,96916771	0,090	0,297
CHR7	10974546	CHR7:10974546	SSF x Far_LoA	-10,3290876	0,040	0,299
CHR7	10974579	CHR7:10974579	SSF x Far_LoA	-11,4269346	0,039	0,303
CHR7	10974594	CHR7:10974594	SSF x Far_LoA	-11,475741	0,041	0,297
CHR7	10977885	CHR7:10977885	SSF x Far_LoA	-6,95777534	-0,032	0,307
CHR7	10977890	CHR7:10977890	SSF x Far_LoA	-9,48931464	-0,043	0,306
CHR7	11003401	CHR7:11003401	SSF x Far_LoA	-11,631573	0,002	0,310
CHR7	11015694	CHR7:11015694	SSF x Far_LoA	-9,63509381	-0,104	0,316
CHR7	11033897	CHR7:11033897	SSF x Far_LoA	-11,8685243	0,006	0,312
CHR7	11033962	CHR7:11033962	SSF x Far_LoA	-8,28122703	0,073	0,289
CHR7	11039235	CHR7:11039235	SSF x Far_LoA	-7,98447272	0,000	0,309

CHR7	11039275	CHR7:11039275	SSF x Far_LoA	-8,55292955	-0,033	0,311
CHR7	11039325	CHR7:11039325	SSF x Far_LoA	-9,66569895	0,095	0,299
CHR7	11039444	CHR7:11039444	SSF x Far_LoA	-10,4831813	-0,089	0,293
CHR7	11039477	CHR7:11039477	SSF x Far_LoA	-9,47692746	0,111	0,296
CHR7	11042097	CHR7:11042097	SSF x Far_LoA	-8,64155131	-0,057	0,317
CHR7	11043292	CHR7:11043292	SSF x Far_LoA	-8,70819659	-0,047	0,318
CHR7	11043312	CHR7:11043312	SSF x Far_LoA	-9,41037722	0,075	0,289
CHR7	11043317	CHR7:11043317	SSF x Far_LoA	-8,31018252	0,101	0,302
CHR7	11043318	CHR7:11043318	SSF x Far_LoA	-9,6184	-0,027	0,310
CHR7	11043405	CHR7:11043405	SSF x Far_LoA	-9,33771915	0,067	0,287
CHR7	11043484	CHR7:11043484	SSF x Far_LoA	-5,62575518	-0,168	0,303
CHR7	11049553	CHR7:11049553	SSF x Far_LoA	-11,463	0,019	0,301
CHR7	11051024	CHR7:11051024	SSF x Far_LoA	-9,48420251	0,091	0,309
CHR7	11051183	CHR7:11051183	SSF x Far_LoA	-8,76405982	-0,146	0,316
CHR7	11051206	CHR7:11051206	SSF x Far_LoA	-11,1721844	-0,057	0,310
CHR7	1105997	CHR7:1105997	SSF x Far_LoA	-6,47952895	0,102	0,298
CHR7	1106018	CHR7:1106018	SSF x Far_LoA	-3,11510956	0,178	0,304
CHR7	1106038	CHR7:1106038	SSF x Far_LoA	-10,7071971	-0,103	0,313
CHR7	11066204	CHR7:11066204	SSF x Far_LoA	-7,32770808	0,058	0,304
CHR7	1107118	CHR7:1107118	SSF x Far_LoA	-9,9052538	-0,030	0,295
CHR7	11077663	CHR7:11077663	SSF x Far_LoA	-9,30681814	-0,044	0,313
CHR7	11078634	CHR7:11078634	SSF x Far_LoA	-9,11047761	-0,005	0,314
CHR7	1108184	CHR7:1108184	SSF x Far_LoA	-8,05753055	0,057	0,307
CHR7	11102988	CHR7:11102988	SSF x Far_LoA	-7,42557245	0,000	0,311
CHR7	11110362	CHR7:11110362	SSF x Far_LoA	-9,00229583	0,044	0,310
CHR7	11138504	CHR7:11138504	SSF x Far_LoA	-8,23910643	0,055	0,291
CHR7	11138544	CHR7:11138544	SSF x Far_LoA	-11,1584008	0,024	0,306
CHR7	11138630	CHR7:11138630	SSF x Far_LoA	-10,0523284	0,009	0,311
CHR7	11138737	CHR7:11138737	SSF x Far_LoA	-7,97226629	0,081	0,307
CHR7	11138742	CHR7:11138742	SSF x Far_LoA	-9,65021867	-0,072	0,310
CHR7	1114616	CHR7:1114616	SSF x Far_LoA	-8,31885147	0,014	0,304
CHR7	1114679	CHR7:1114679	SSF x Far_LoA	-9,61221021	0,061	0,318
CHR7	1114797	CHR7:1114797	SSF x Far_LoA	-9,62634664	0,052	0,283
CHR7	11154571	CHR7:11154571	SSF x Far_LoA	-9,83244641	-0,047	0,305
CHR7	11154784	CHR7:11154784	SSF x Far_LoA	-10,4132928	0,000	0,287
CHR7	11154797	CHR7:11154797	SSF x Far_LoA	-9,22730241	-0,013	0,308
CHR7	11154830	CHR7:11154830	SSF x Far_LoA	-6,08139679	-0,084	0,315
CHR7	11154846	CHR7:11154846	SSF x Far_LoA	-7,10863365	-0,100	0,311
CHR7	11167756	CHR7:11167756	SSF x Far_LoA	-7,39874925	-0,095	0,313
CHR7	11167858	CHR7:11167858	SSF x Far_LoA	-9,59019971	-0,022	0,313
CHR7	11175382	CHR7:11175382	SSF x Far_LoA	-10,5144325	-0,028	0,299
CHR7	11175386	CHR7:11175386	SSF x Far_LoA	-9,53931771	0,002	0,307
CHR7	11177335	CHR7:11177335	SSF x Far_LoA	-10,8424653	0,017	0,304
CHR7	11177350	CHR7:11177350	SSF x Far_LoA	-10,7207744	-0,016	0,296
CHR7	11179519	CHR7:11179519	SSF x Far_LoA	-9,3767418	0,104	0,311
CHR7	11179538	CHR7:11179538	SSF x Far_LoA	-9,62254476	0,056	0,297
CHR7	11179708	CHR7:11179708	SSF x Far_LoA	-9,15433868	0,007	0,304
CHR7	11179726	CHR7:11179726	SSF x Far_LoA	-8,81362863	0,117	0,298
CHR7	11179743	CHR7:11179743	SSF x Far_LoA	-7,69912462	0,083	0,294
CHR7	1118213	CHR7:1118213	SSF x Far_LoA	-8,84975384	0,074	0,295
CHR7	1118223	CHR7:1118223	SSF x Far_LoA	-5,82442239	0,142	0,292
CHR7	11185131	CHR7:11185131	SSF x Far_LoA	-11,4277365	-0,038	0,311
CHR7	11193477	CHR7:11193477	SSF x Far_LoA	-8,72441449	0,050	0,307

CHR7	11193498	CHR7:11193498	SSF x Far_LoA	-8,84501911	0,023	0,303
CHR7	11194610	CHR7:11194610	SSF x Far_LoA	-9,13199216	-0,097	0,290
CHR7	11194635	CHR7:11194635	SSF x Far_LoA	-9,31248745	0,070	0,312
CHR7	1120572	CHR7:1120572	SSF x Far_LoA	-0,32430454	-0,141	0,317
CHR7	11206425	CHR7:11206425	SSF x Far_LoA	-8,80202936	0,051	0,309
CHR7	11212745	CHR7:11212745	SSF x Far_LoA	-8,82367552	-0,124	0,311
CHR7	11212776	CHR7:11212776	SSF x Far_LoA	-9,02976086	0,078	0,302
CHR7	11212814	CHR7:11212814	SSF x Far_LoA	-10,2097032	0,079	0,302
CHR7	11219848	CHR7:11219848	SSF x Far_LoA	-8,11127874	0,028	0,321
CHR7	11219854	CHR7:11219854	SSF x Far_LoA	-9,28105265	0,078	0,296
CHR7	11219904	CHR7:11219904	SSF x Far_LoA	-9,64348799	0,030	0,308
CHR7	11221946	CHR7:11221946	SSF x Far_LoA	-9,47509165	-0,009	0,288
CHR7	11223790	CHR7:11223790	SSF x Far_LoA	-11,0035555	-0,033	0,306
CHR7	11227138	CHR7:11227138	SSF x Far_LoA	4,93975518	0,098	0,305
CHR7	11227169	CHR7:11227169	SSF x Far_LoA	-6,51600471	-0,151	0,291
CHR7	11227172	CHR7:11227172	SSF x Far_LoA	-9,29907552	0,054	0,293
CHR7	11227175	CHR7:11227175	SSF x Far_LoA	-8,82329161	0,054	0,303
CHR7	11227195	CHR7:11227195	SSF x Far_LoA	-8,98552123	-0,124	0,304
CHR7	11227212	CHR7:11227212	SSF x Far_LoA	-9,86712137	0,000	0,317
CHR7	11228205	CHR7:11228205	SSF x Far_LoA	-7,77062836	0,041	0,308
CHR7	11228288	CHR7:11228288	SSF x Far_LoA	-11,0670994	-0,015	0,313
CHR7	11237683	CHR7:11237683	SSF x Far_LoA	-7,73417932	0,004	0,318
CHR7	11241211	CHR7:11241211	SSF x Far_LoA	-7,72359536	-0,043	0,304
CHR7	11241216	CHR7:11241216	SSF x Far_LoA	-9,69320659	-0,009	0,308
CHR7	11272375	CHR7:11272375	SSF x Far_LoA	-10,6551869	-0,101	0,304
CHR7	11272443	CHR7:11272443	SSF x Far_LoA	-9,39731583	-0,054	0,300
CHR7	11281685	CHR7:11281685	SSF x Far_LoA	-11,5798281	-0,027	0,298
CHR7	11281687	CHR7:11281687	SSF x Far_LoA	-3,3805884	0,110	0,308
CHR7	11286242	CHR7:11286242	SSF x Far_LoA	-9,01343825	0,028	0,307
CHR7	11299620	CHR7:11299620	SSF x Far_LoA	-11,3213272	-0,040	0,296
CHR7	11309296	CHR7:11309296	SSF x Far_LoA	-10,489297	0,044	0,305
CHR7	11309341	CHR7:11309341	SSF x Far_LoA	-8,34567222	-0,080	0,318
CHR7	11309366	CHR7:11309366	SSF x Far_LoA	-8,94301144	-0,071	0,318
CHR7	11309368	CHR7:11309368	SSF x Far_LoA	-7,10725782	-0,003	0,295
CHR7	11309399	CHR7:11309399	SSF x Far_LoA	-9,90763173	0,003	0,305
CHR7	11310107	CHR7:11310107	SSF x Far_LoA	-10,8661054	0,049	0,309
CHR7	11310120	CHR7:11310120	SSF x Far_LoA	-10,2495223	-0,062	0,303
CHR7	11315330	CHR7:11315330	SSF x Far_LoA	-8,48355996	0,109	0,298
CHR7	11315464	CHR7:11315464	SSF x Far_LoA	-10,713403	0,007	0,311
CHR7	11318145	CHR7:11318145	SSF x Far_LoA	-11,7203157	0,000	0,301
CHR7	11318158	CHR7:11318158	SSF x Far_LoA	-10,5994898	0,005	0,318
CHR7	11318259	CHR7:11318259	SSF x Far_LoA	-9,23542183	0,138	0,302
CHR7	11318357	CHR7:11318357	SSF x Far_LoA	-5,76100143	0,135	0,299
CHR7	11325059	CHR7:11325059	SSF x Far_LoA	-7,80680744	-0,039	0,323
CHR7	11325083	CHR7:11325083	SSF x Far_LoA	-9,19530414	0,028	0,310
CHR7	11325246	CHR7:11325246	SSF x Far_LoA	-10,6414809	0,111	0,309
CHR7	11329487	CHR7:11329487	SSF x Far_LoA	-10,9089766	0,064	0,308
CHR7	11329570	CHR7:11329570	SSF x Far_LoA	-9,63751836	0,083	0,301
CHR7	11329727	CHR7:11329727	SSF x Far_LoA	-9,80165549	0,066	0,300
CHR7	11331850	CHR7:11331850	SSF x Far_LoA	-9,06553624	0,079	0,318
CHR7	11331878	CHR7:11331878	SSF x Far_LoA	-9,53369592	0,091	0,302
CHR7	11331888	CHR7:11331888	SSF x Far_LoA	-10,5064582	0,099	0,298
CHR7	11332005	CHR7:11332005	SSF x Far_LoA	-6,76166481	0,196	0,291

CHR7	11332060	CHR7:11332060	SSF x Far_LoA	-9,17275242	0,006	0,303
CHR7	11332087	CHR7:11332087	SSF x Far_LoA	-8,89820556	-0,066	0,308
CHR7	11337968	CHR7:11337968	SSF x Far_LoA	-11,3949322	-0,059	0,307
CHR7	11338108	CHR7:11338108	SSF x Far_LoA	-8,41297792	0,075	0,307
CHR7	1133915	CHR7:1133915	SSF x Far_LoA	-8,85994351	-0,102	0,310
CHR7	1133918	CHR7:1133918	SSF x Far_LoA	-8,57740983	-0,112	0,301
CHR7	1133925	CHR7:1133925	SSF x Far_LoA	-5,99104711	-0,043	0,317
CHR7	1133930	CHR7:1133930	SSF x Far_LoA	-7,51399521	-0,097	0,311
CHR7	1133931	CHR7:1133931	SSF x Far_LoA	-9,52658743	-0,068	0,300
CHR7	1133935	CHR7:1133935	SSF x Far_LoA	-8,50583903	-0,068	0,305
CHR7	1134103	CHR7:1134103	SSF x Far_LoA	-5,90586739	0,231	0,292
CHR7	11344770	CHR7:11344770	SSF x Far_LoA	-9,85254719	0,097	0,301
CHR7	11344784	CHR7:11344784	SSF x Far_LoA	-8,88415042	0,141	0,297
CHR7	11344805	CHR7:11344805	SSF x Far_LoA	-8,40263126	0,034	0,295
CHR7	11344895	CHR7:11344895	SSF x Far_LoA	-10,667285	-0,107	0,306
CHR7	11355511	CHR7:11355511	SSF x Far_LoA	-11,4306805	0,058	0,303
CHR7	11366772	CHR7:11366772	SSF x Far_LoA	-9,32561813	0,036	0,296
CHR7	11366790	CHR7:11366790	SSF x Far_LoA	-9,51495348	-0,090	0,308
CHR7	11369611	CHR7:11369611	SSF x Far_LoA	-10,890123	-0,063	0,306
CHR7	11369624	CHR7:11369624	SSF x Far_LoA	-9,62729227	-0,010	0,308
CHR7	11369631	CHR7:11369631	SSF x Far_LoA	-11,4374492	-0,076	0,307
CHR7	11369688	CHR7:11369688	SSF x Far_LoA	-11,3600769	0,102	0,289
CHR7	11382169	CHR7:11382169	SSF x Far_LoA	-9,04171661	-0,008	0,309
CHR7	11382214	CHR7:11382214	SSF x Far_LoA	-9,21288114	-0,041	0,307
CHR7	11382328	CHR7:11382328	SSF x Far_LoA	-8,22301467	-0,072	0,299
CHR7	1138524	CHR7:1138524	SSF x Far_LoA	-9,00720433	0,096	0,303
CHR7	11387130	CHR7:11387130	SSF x Far_LoA	-11,4304942	-0,016	0,311
CHR7	11387158	CHR7:11387158	SSF x Far_LoA	-1,91449983	0,121	0,314
CHR7	11406304	CHR7:11406304	SSF x Far_LoA	-11,1751435	-0,005	0,303
CHR7	11406331	CHR7:11406331	SSF x Far_LoA	-5,575983	0,160	0,296
CHR7	1140642	CHR7:1140642	SSF x Far_LoA	-5,66568466	0,201	0,286
CHR7	1140864	CHR7:1140864	SSF x Far_LoA	-10,7537848	-0,004	0,315
CHR7	1140897	CHR7:1140897	SSF x Far_LoA	-10,4041741	-0,106	0,291
CHR7	11418046	CHR7:11418046	SSF x Far_LoA	-10,3931354	-0,096	0,310
CHR7	11418080	CHR7:11418080	SSF x Far_LoA	-10,7454682	0,067	0,316
CHR7	11430268	CHR7:11430268	SSF x Far_LoA	-6,0007975	-0,157	0,305
CHR7	11430515	CHR7:11430515	SSF x Far_LoA	-10,9090852	0,148	0,300
CHR7	1143305	CHR7:1143305	SSF x Far_LoA	-11,9533108	-0,076	0,303
CHR7	1143451	CHR7:1143451	SSF x Far_LoA	-3,95493721	-0,128	0,308
CHR7	1143463	CHR7:1143463	SSF x Far_LoA	-9,94642158	0,009	0,309
CHR7	11436384	CHR7:11436384	SSF x Far_LoA	-10,0073961	0,057	0,305
CHR7	11436593	CHR7:11436593	SSF x Far_LoA	-4,38627709	0,056	0,303
CHR7	11436632	CHR7:11436632	SSF x Far_LoA	-8,83167521	0,139	0,292
CHR7	11436710	CHR7:11436710	SSF x Far_LoA	-10,6392329	-0,029	0,312
CHR7	11439362	CHR7:11439362	SSF x Far_LoA	-8,02097219	0,072	0,296
CHR7	11442562	CHR7:11442562	SSF x Far_LoA	-10,1126379	-0,001	0,307
CHR7	11443183	CHR7:11443183	SSF x Far_LoA	-8,64420944	0,000	0,313
CHR7	11443210	CHR7:11443210	SSF x Far_LoA	-11,3937762	0,037	0,316
CHR7	11477555	CHR7:11477555	SSF x Far_LoA	-7,35939889	-0,107	0,315
CHR7	11477600	CHR7:11477600	SSF x Far_LoA	-10,8771984	0,015	0,300
CHR7	11477635	CHR7:11477635	SSF x Far_LoA	-9,24964339	-0,010	0,305
CHR7	11477710	CHR7:11477710	SSF x Far_LoA	-9,49187008	0,001	0,301
CHR7	11477743	CHR7:11477743	SSF x Far_LoA	-9,10524478	0,036	0,314

CHR7	11477770	CHR7:11477770	SSF x Far_LoA	-8,04677459	-0,044	0,301
CHR7	11477792	CHR7:11477792	SSF x Far_LoA	-4,1359593	-0,144	0,293
CHR7	11477822	CHR7:11477822	SSF x Far_LoA	-7,08597345	-0,146	0,290
CHR7	11479464	CHR7:11479464	SSF x Far_LoA	-8,28521765	-0,063	0,298
CHR7	11479501	CHR7:11479501	SSF x Far_LoA	-11,956472	0,006	0,296
CHR7	11479512	CHR7:11479512	SSF x Far_LoA	-8,47658553	-0,039	0,312
CHR7	11479520	CHR7:11479520	SSF x Far_LoA	-8,94464707	-0,001	0,301
CHR7	11479550	CHR7:11479550	SSF x Far_LoA	-9,59041199	-0,018	0,300
CHR7	11479580	CHR7:11479580	SSF x Far_LoA	-5,93217921	0,023	0,294
CHR7	11479582	CHR7:11479582	SSF x Far_LoA	-7,86876194	0,067	0,303
CHR7	11479586	CHR7:11479586	SSF x Far_LoA	-9,21388393	0,010	0,291
CHR7	11479587	CHR7:11479587	SSF x Far_LoA	-5,35762574	0,029	0,299
CHR7	11479596	CHR7:11479596	SSF x Far_LoA	-12,033876	-0,016	0,305
CHR7	11479631	CHR7:11479631	SSF x Far_LoA	-9,96914235	-0,045	0,312
CHR7	11479654	CHR7:11479654	SSF x Far_LoA	-9,08518	0,058	0,309
CHR7	11479670	CHR7:11479670	SSF x Far_LoA	-8,61761152	0,060	0,302
CHR7	11484723	CHR7:11484723	SSF x Far_LoA	-9,39098363	0,116	0,305
CHR7	11484724	CHR7:11484724	SSF x Far_LoA	-8,90822383	-0,040	0,317
CHR7	11484740	CHR7:11484740	SSF x Far_LoA	-9,36796324	-0,110	0,306
CHR7	11484741	CHR7:11484741	SSF x Far_LoA	-6,13864637	-0,096	0,299
CHR7	11484747	CHR7:11484747	SSF x Far_LoA	-11,5171978	-0,012	0,303
CHR7	11484782	CHR7:11484782	SSF x Far_LoA	-7,14503652	0,164	0,296
CHR7	11484784	CHR7:11484784	SSF x Far_LoA	-6,59120859	0,138	0,294
CHR7	11484801	CHR7:11484801	SSF x Far_LoA	-8,50465466	-0,110	0,312
CHR7	11484831	CHR7:11484831	SSF x Far_LoA	-9,72235441	0,111	0,312
CHR7	11484928	CHR7:11484928	SSF x Far_LoA	-6,58001663	0,122	0,304
CHR7	11484947	CHR7:11484947	SSF x Far_LoA	-8,23256284	-0,023	0,307
CHR7	11488159	CHR7:11488159	SSF x Far_LoA	-11,3987418	-0,077	0,313
CHR7	11528579	CHR7:11528579	SSF x Far_LoA	-5,02281952	-0,008	0,292
CHR7	11528637	CHR7:11528637	SSF x Far_LoA	-11,2357172	-0,081	0,299
CHR7	11528644	CHR7:11528644	SSF x Far_LoA	-11,1194905	0,034	0,300
CHR7	11528660	CHR7:11528660	SSF x Far_LoA	-7,71494074	-0,024	0,311
CHR7	11528742	CHR7:11528742	SSF x Far_LoA	-10,9991879	-0,021	0,309
CHR7	11528757	CHR7:11528757	SSF x Far_LoA	-10,6455364	0,000	0,307
CHR7	11528762	CHR7:11528762	SSF x Far_LoA	-11,4050324	-0,001	0,311
CHR7	11528789	CHR7:11528789	SSF x Far_LoA	-9,10243898	0,032	0,315
CHR7	11529786	CHR7:11529786	SSF x Far_LoA	-10,8715059	0,053	0,303
CHR7	11529814	CHR7:11529814	SSF x Far_LoA	-9,67446465	-0,027	0,314
CHR7	1154610	CHR7:1154610	SSF x Far_LoA	-9,4595327	0,053	0,298
CHR7	1154735	CHR7:1154735	SSF x Far_LoA	-8,29662793	-0,093	0,306
CHR7	1154736	CHR7:1154736	SSF x Far_LoA	-9,07540124	-0,121	0,324
CHR7	1154797	CHR7:1154797	SSF x Far_LoA	-11,3571125	-0,004	0,308
CHR7	1154818	CHR7:1154818	SSF x Far_LoA	-9,10679829	-0,041	0,305
CHR7	11550637	CHR7:11550637	SSF x Far_LoA	-9,34206949	-0,043	0,313
CHR7	11550894	CHR7:11550894	SSF x Far_LoA	-10,1555573	-0,064	0,305
CHR7	11550956	CHR7:11550956	SSF x Far_LoA	-7,69454917	-0,085	0,296
CHR7	11558288	CHR7:11558288	SSF x Far_LoA	-8,08732045	-0,125	0,303
CHR7	11558295	CHR7:11558295	SSF x Far_LoA	-5,12106673	0,181	0,284
CHR7	11558369	CHR7:11558369	SSF x Far_LoA	-7,08099262	-0,131	0,296
CHR7	11558373	CHR7:11558373	SSF x Far_LoA	-9,71225762	-0,027	0,314
CHR7	11558376	CHR7:11558376	SSF x Far_LoA	-8,58814499	-0,181	0,289
CHR7	11558380	CHR7:11558380	SSF x Far_LoA	-10,849701	0,087	0,299
CHR7	11558383	CHR7:11558383	SSF x Far_LoA	-7,92847721	-0,016	0,320

CHR7	11558414	CHR7:11558414	SSF x Far_LoA	-6,39340698	-0,160	0,298
CHR7	11568555	CHR7:11568555	SSF x Far_LoA	-8,34133621	-0,091	0,303
CHR7	11574500	CHR7:11574500	SSF x Far_LoA	-11,499317	0,149	0,286
CHR7	11574507	CHR7:11574507	SSF x Far_LoA	-10,062919	0,139	0,292
CHR7	11574568	CHR7:11574568	SSF x Far_LoA	-7,05595905	0,082	0,310
CHR7	11574739	CHR7:11574739	SSF x Far_LoA	-9,35171986	0,161	0,302
CHR7	11582884	CHR7:11582884	SSF x Far_LoA	-7,7692227	0,088	0,311
CHR7	11582995	CHR7:11582995	SSF x Far_LoA	-11,8207639	-0,052	0,296
CHR7	11583090	CHR7:11583090	SSF x Far_LoA	-11,0131463	-0,084	0,306
CHR7	11588662	CHR7:11588662	SSF x Far_LoA	-8,48547577	-0,055	0,298
CHR7	11588742	CHR7:11588742	SSF x Far_LoA	-9,59332491	0,093	0,293
CHR7	11591598	CHR7:11591598	SSF x Far_LoA	-5,69144472	0,022	0,318
CHR7	11591691	CHR7:11591691	SSF x Far_LoA	-10,4599948	-0,029	0,303
CHR7	11591713	CHR7:11591713	SSF x Far_LoA	-9,89216762	0,082	0,300
CHR7	11597422	CHR7:11597422	SSF x Far_LoA	-7,31397783	-0,132	0,307
CHR7	11599141	CHR7:11599141	SSF x Far_LoA	-9,40474817	0,035	0,305
CHR7	11599180	CHR7:11599180	SSF x Far_LoA	-10,3215215	0,183	0,296
CHR7	1161539	CHR7:1161539	SSF x Far_LoA	-8,91166006	-0,106	0,299
CHR7	1161644	CHR7:1161644	SSF x Far_LoA	1,9251476	0,141	0,310
CHR7	11623684	CHR7:11623684	SSF x Far_LoA	-6,82257729	-0,078	0,316
CHR7	11632859	CHR7:11632859	SSF x Far_LoA	-8,09004253	0,016	0,312
CHR7	11632860	CHR7:11632860	SSF x Far_LoA	-8,15007148	-0,031	0,310
CHR7	11641940	CHR7:11641940	SSF x Far_LoA	-6,19992277	-0,047	0,309
CHR7	11642148	CHR7:11642148	SSF x Far_LoA	-10,6222535	0,084	0,305
CHR7	1165559	CHR7:1165559	SSF x Far_LoA	-11,6234403	-0,106	0,298
CHR7	1165591	CHR7:1165591	SSF x Far_LoA	-6,01877934	0,022	0,306
CHR7	1165597	CHR7:1165597	SSF x Far_LoA	-8,2786499	0,101	0,323
CHR7	11663086	CHR7:11663086	SSF x Far_LoA	-11,0703444	0,018	0,307
CHR7	11676185	CHR7:11676185	SSF x Far_LoA	-9,59510944	-0,165	0,302
CHR7	11679354	CHR7:11679354	SSF x Far_LoA	-9,07653166	-0,046	0,295
CHR7	11679364	CHR7:11679364	SSF x Far_LoA	-10,5545256	-0,061	0,292
CHR7	11679368	CHR7:11679368	SSF x Far_LoA	-9,37197577	-0,074	0,295
CHR7	11679516	CHR7:11679516	SSF x Far_LoA	-8,9241975	0,013	0,298
CHR7	11679547	CHR7:11679547	SSF x Far_LoA	-10,4522291	0,027	0,306
CHR7	11691879	CHR7:11691879	SSF x Far_LoA	-8,56923634	-0,123	0,308
CHR7	11691999	CHR7:11691999	SSF x Far_LoA	-10,0133139	-0,061	0,313
CHR7	11694089	CHR7:11694089	SSF x Far_LoA	-11,2271101	-0,017	0,305
CHR7	11700635	CHR7:11700635	SSF x Far_LoA	-9,5525254	0,031	0,311
CHR7	11700823	CHR7:11700823	SSF x Far_LoA	-9,47677445	0,052	0,295
CHR7	11700838	CHR7:11700838	SSF x Far_LoA	-8,92683317	-0,044	0,313
CHR7	11700881	CHR7:11700881	SSF x Far_LoA	-7,68082585	0,127	0,290
CHR7	11700893	CHR7:11700893	SSF x Far_LoA	-4,45597732	-0,032	0,337
CHR7	1170289	CHR7:1170289	SSF x Far_LoA	-7,11968034	-0,085	0,310
CHR7	1170346	CHR7:1170346	SSF x Far_LoA	-9,93423214	-0,053	0,299
CHR7	1170367	CHR7:1170367	SSF x Far_LoA	-7,98251982	-0,169	0,292
CHR7	1170395	CHR7:1170395	SSF x Far_LoA	-11,3252069	-0,047	0,306
CHR7	1170470	CHR7:1170470	SSF x Far_LoA	-10,7689356	-0,055	0,309
CHR7	1170551	CHR7:1170551	SSF x Far_LoA	-7,34785939	0,037	0,317
CHR7	11706967	CHR7:11706967	SSF x Far_LoA	-5,93800026	-0,141	0,299
CHR7	11706968	CHR7:11706968	SSF x Far_LoA	-4,20060452	-0,163	0,313
CHR7	11707003	CHR7:11707003	SSF x Far_LoA	-11,5255632	0,028	0,306
CHR7	11720781	CHR7:11720781	SSF x Far_LoA	-8,69744534	-0,056	0,316
CHR7	11720818	CHR7:11720818	SSF x Far_LoA	-10,5241605	-0,038	0,290

CHR7	11720833	CHR7:11720833	SSF x Far_LoA	-9,27707723	0,010	0,313
CHR7	11720848	CHR7:11720848	SSF x Far_LoA	-8,96974136	0,033	0,308
CHR7	11726878	CHR7:11726878	SSF x Far_LoA	-9,10815254	0,033	0,311
CHR7	11751775	CHR7:11751775	SSF x Far_LoA	-11,5351482	0,005	0,307
CHR7	11752543	CHR7:11752543	SSF x Far_LoA	-6,00378415	0,091	0,311
CHR7	11752561	CHR7:11752561	SSF x Far_LoA	-9,79560118	-0,064	0,312
CHR7	11757326	CHR7:11757326	SSF x Far_LoA	-10,5799968	-0,023	0,308
CHR7	11763840	CHR7:11763840	SSF x Far_LoA	-9,95488677	0,045	0,304
CHR7	11763904	CHR7:11763904	SSF x Far_LoA	-7,40792073	0,123	0,304
CHR7	11763908	CHR7:11763908	SSF x Far_LoA	-7,48672247	-0,118	0,314
CHR7	11763928	CHR7:11763928	SSF x Far_LoA	-8,83660853	0,014	0,310
CHR7	11763930	CHR7:11763930	SSF x Far_LoA	-9,24732893	0,040	0,300
CHR7	11763946	CHR7:11763946	SSF x Far_LoA	-10,1111401	-0,008	0,320
CHR7	11763977	CHR7:11763977	SSF x Far_LoA	-8,24749777	-0,061	0,308
CHR7	11764000	CHR7:11764000	SSF x Far_LoA	-9,82482152	-0,065	0,315
CHR7	11764016	CHR7:11764016	SSF x Far_LoA	-11,3581972	0,052	0,317
CHR7	11770411	CHR7:11770411	SSF x Far_LoA	-9,16242629	0,021	0,299
CHR7	11770426	CHR7:11770426	SSF x Far_LoA	-8,43195142	0,038	0,313
CHR7	11770488	CHR7:11770488	SSF x Far_LoA	-11,4978847	0,100	0,296
CHR7	11770492	CHR7:11770492	SSF x Far_LoA	-7,75414868	-0,077	0,310
CHR7	11770507	CHR7:11770507	SSF x Far_LoA	-10,0990981	-0,047	0,312
CHR7	11770516	CHR7:11770516	SSF x Far_LoA	-9,56495168	-0,081	0,304
CHR7	11771526	CHR7:11771526	SSF x Far_LoA	-11,2822501	0,132	0,286
CHR7	11783058	CHR7:11783058	SSF x Far_LoA	-10,6768731	0,103	0,304
CHR7	11783126	CHR7:11783126	SSF x Far_LoA	-8,58912182	0,000	0,314
CHR7	11783148	CHR7:11783148	SSF x Far_LoA	-7,6100313	0,020	0,294
CHR7	11783149	CHR7:11783149	SSF x Far_LoA	-8,28189194	0,010	0,297
CHR7	11783150	CHR7:11783150	SSF x Far_LoA	-8,33068639	0,049	0,302
CHR7	11786696	CHR7:11786696	SSF x Far_LoA	-11,9832939	-0,003	0,295
CHR7	11786874	CHR7:11786874	SSF x Far_LoA	-9,51543314	0,042	0,303
CHR7	11791393	CHR7:11791393	SSF x Far_LoA	-11,9201702	0,001	0,301
CHR7	11791545	CHR7:11791545	SSF x Far_LoA	-10,4894936	0,043	0,310
CHR7	11791553	CHR7:11791553	SSF x Far_LoA	-9,98436098	0,030	0,307
CHR7	11791618	CHR7:11791618	SSF x Far_LoA	-9,52482316	-0,025	0,315
CHR7	11793072	CHR7:11793072	SSF x Far_LoA	-10,7614837	0,029	0,316
CHR7	11793115	CHR7:11793115	SSF x Far_LoA	-8,86275779	-0,017	0,285
CHR7	11796050	CHR7:11796050	SSF x Far_LoA	-9,51772661	-0,081	0,294
CHR7	11804521	CHR7:11804521	SSF x Far_LoA	-8,37460889	-0,138	0,312
CHR7	11804533	CHR7:11804533	SSF x Far_LoA	-8,41030806	-0,059	0,309
CHR7	11804534	CHR7:11804534	SSF x Far_LoA	-8,26335083	-0,092	0,312
CHR7	11804578	CHR7:11804578	SSF x Far_LoA	-8,74911537	0,047	0,307
CHR7	11815375	CHR7:11815375	SSF x Far_LoA	-7,74555783	-0,045	0,310
CHR7	11815419	CHR7:11815419	SSF x Far_LoA	-8,58778176	-0,141	0,290
CHR7	11815527	CHR7:11815527	SSF x Far_LoA	-7,76240965	0,087	0,303
CHR7	11818324	CHR7:11818324	SSF x Far_LoA	-7,91067272	-0,184	0,309
CHR7	11818416	CHR7:11818416	SSF x Far_LoA	-11,2879965	-0,040	0,315
CHR7	11821550	CHR7:11821550	SSF x Far_LoA	-10,0446265	-0,015	0,308
CHR7	11822717	CHR7:11822717	SSF x Far_LoA	-8,37990511	0,055	0,303
CHR7	11842720	CHR7:11842720	SSF x Far_LoA	-11,0829092	0,018	0,313
CHR7	11842926	CHR7:11842926	SSF x Far_LoA	-10,5036772	0,017	0,307
CHR7	11842931	CHR7:11842931	SSF x Far_LoA	-9,83465194	-0,003	0,316
CHR7	11846342	CHR7:11846342	SSF x Far_LoA	-8,74427518	-0,014	0,307
CHR7	11846419	CHR7:11846419	SSF x Far_LoA	-9,05732626	-0,118	0,292

CHR7	11846458	CHR7:11846458	SSF x Far_LoA	-9,18576136	-0,002	0,310
CHR7	11846461	CHR7:11846461	SSF x Far_LoA	-9,94814381	-0,077	0,316
CHR7	11846481	CHR7:11846481	SSF x Far_LoA	-5,41479738	0,105	0,304
CHR7	11846485	CHR7:11846485	SSF x Far_LoA	-7,2652419	0,033	0,304
CHR7	11846533	CHR7:11846533	SSF x Far_LoA	-9,10407686	-0,016	0,314
CHR7	11846543	CHR7:11846543	SSF x Far_LoA	-8,70279004	-0,003	0,312
CHR7	11846565	CHR7:11846565	SSF x Far_LoA	-9,45601817	-0,046	0,306
CHR7	11854936	CHR7:11854936	SSF x Far_LoA	-10,2961672	0,050	0,322
CHR7	11854963	CHR7:11854963	SSF x Far_LoA	-11,349352	-0,104	0,296
CHR7	11855024	CHR7:11855024	SSF x Far_LoA	-7,72247541	0,112	0,294
CHR7	11855087	CHR7:11855087	SSF x Far_LoA	-9,88131847	-0,005	0,312
CHR7	11856835	CHR7:11856835	SSF x Far_LoA	-9,16165021	-0,048	0,299
CHR7	11865913	CHR7:11865913	SSF x Far_LoA	-8,69012215	-0,037	0,305
CHR7	11865929	CHR7:11865929	SSF x Far_LoA	-9,08034771	0,083	0,311
CHR7	11865970	CHR7:11865970	SSF x Far_LoA	-5,49014568	-0,040	0,318
CHR7	11865971	CHR7:11865971	SSF x Far_LoA	-10,7256144	0,036	0,303
CHR7	11865975	CHR7:11865975	SSF x Far_LoA	-6,20424737	-0,022	0,306
CHR7	11904523	CHR7:11904523	SSF x Far_LoA	-10,0656151	-0,047	0,319
CHR7	11904681	CHR7:11904681	SSF x Far_LoA	-8,91644723	0,108	0,295
CHR7	11904682	CHR7:11904682	SSF x Far_LoA	-8,71095052	0,052	0,314
CHR7	11904718	CHR7:11904718	SSF x Far_LoA	-0,35536327	0,020	0,304
CHR7	11911436	CHR7:11911436	SSF x Far_LoA	-11,3313778	-0,012	0,302
CHR7	11921414	CHR7:11921414	SSF x Far_LoA	-7,83935252	-0,115	0,287
CHR7	11921415	CHR7:11921415	SSF x Far_LoA	-11,3575476	-0,016	0,301
CHR7	11941840	CHR7:11941840	SSF x Far_LoA	-9,36855196	-0,073	0,306
CHR7	11941853	CHR7:11941853	SSF x Far_LoA	-4,48661024	0,056	0,309
CHR7	11941862	CHR7:11941862	SSF x Far_LoA	-9,19766102	0,049	0,295
CHR7	11941931	CHR7:11941931	SSF x Far_LoA	-8,79453921	-0,012	0,319
CHR7	11941968	CHR7:11941968	SSF x Far_LoA	-4,95055382	-0,184	0,294
CHR7	11941982	CHR7:11941982	SSF x Far_LoA	-7,8943203	0,064	0,310
CHR7	11945305	CHR7:11945305	SSF x Far_LoA	-9,20766958	0,047	0,309
CHR7	11946077	CHR7:11946077	SSF x Far_LoA	-10,3290163	0,048	0,307
CHR7	11946264	CHR7:11946264	SSF x Far_LoA	-4,37020943	0,241	0,279
CHR7	11951821	CHR7:11951821	SSF x Far_LoA	-8,16813991	-0,075	0,311
CHR7	11952307	CHR7:11952307	SSF x Far_LoA	-9,03698875	-0,041	0,319
CHR7	11953976	CHR7:11953976	SSF x Far_LoA	-6,44917244	0,114	0,311
CHR7	11954005	CHR7:11954005	SSF x Far_LoA	-9,62429058	0,068	0,310
CHR7	11954058	CHR7:11954058	SSF x Far_LoA	-10,408792	-0,117	0,296
CHR7	11954069	CHR7:11954069	SSF x Far_LoA	-10,3738208	0,050	0,313
CHR7	11954070	CHR7:11954070	SSF x Far_LoA	-9,84838576	0,043	0,311
CHR7	11954075	CHR7:11954075	SSF x Far_LoA	-10,0665086	0,032	0,321
CHR7	11954080	CHR7:11954080	SSF x Far_LoA	-8,35692014	-0,074	0,298
CHR7	11954090	CHR7:11954090	SSF x Far_LoA	-8,75572766	0,053	0,290
CHR7	11954095	CHR7:11954095	SSF x Far_LoA	-9,92673751	-0,027	0,304
CHR7	11954104	CHR7:11954104	SSF x Far_LoA	-8,38349791	-0,097	0,285
CHR7	11954136	CHR7:11954136	SSF x Far_LoA	-9,02337211	-0,087	0,301
CHR7	11954143	CHR7:11954143	SSF x Far_LoA	-8,22066742	-0,062	0,308
CHR7	11961579	CHR7:11961579	SSF x Far_LoA	-11,6600565	-0,115	0,295
CHR7	11961589	CHR7:11961589	SSF x Far_LoA	-4,62753986	0,216	0,279
CHR7	11961596	CHR7:11961596	SSF x Far_LoA	-7,84800757	-0,058	0,300
CHR7	11961598	CHR7:11961598	SSF x Far_LoA	-6,02401638	-0,174	0,302
CHR7	11961599	CHR7:11961599	SSF x Far_LoA	-6,73753875	0,208	0,289
CHR7	11961612	CHR7:11961612	SSF x Far_LoA	-8,37151489	-0,004	0,314

CHR7	11961615	CHR7:11961615	SSF x Far_LoA	-12,1192948	-0,019	0,292
CHR7	11961626	CHR7:11961626	SSF x Far_LoA	-7,33650541	-0,109	0,291
CHR7	11961631	CHR7:11961631	SSF x Far_LoA	-12,0445489	-0,014	0,298
CHR7	11961663	CHR7:11961663	SSF x Far_LoA	-5,27510079	0,225	0,288
CHR7	11961685	CHR7:11961685	SSF x Far_LoA	-9,5873246	-0,087	0,297
CHR7	11961687	CHR7:11961687	SSF x Far_LoA	-9,83236273	-0,084	0,304
CHR7	11961715	CHR7:11961715	SSF x Far_LoA	-9,36682439	0,030	0,307
CHR7	11961716	CHR7:11961716	SSF x Far_LoA	-7,37617039	0,037	0,315
CHR7	11961735	CHR7:11961735	SSF x Far_LoA	-7,27745146	-0,055	0,297
CHR7	11961806	CHR7:11961806	SSF x Far_LoA	-6,506945	-0,218	0,297
CHR7	1196189	CHR7:1196189	SSF x Far_LoA	-6,67784858	-0,089	0,303
CHR7	1196223	CHR7:1196223	SSF x Far_LoA	-9,39225205	0,089	0,293
CHR7	1196291	CHR7:1196291	SSF x Far_LoA	-10,3699125	0,024	0,301
CHR7	11974226	CHR7:11974226	SSF x Far_LoA	-8,67902919	-0,043	0,294
CHR7	11974292	CHR7:11974292	SSF x Far_LoA	-7,9414887	0,133	0,293
CHR7	11974383	CHR7:11974383	SSF x Far_LoA	-9,9260634	-0,039	0,305
CHR7	11974390	CHR7:11974390	SSF x Far_LoA	-8,1386134	0,036	0,318
CHR7	11974406	CHR7:11974406	SSF x Far_LoA	-6,64675995	0,193	0,295
CHR7	11974424	CHR7:11974424	SSF x Far_LoA	-8,28775283	0,131	0,299
CHR7	11975593	CHR7:11975593	SSF x Far_LoA	-4,72097679	-0,060	0,297
CHR7	11975616	CHR7:11975616	SSF x Far_LoA	-10,0486487	-0,069	0,290
CHR7	11975663	CHR7:11975663	SSF x Far_LoA	-10,9690806	0,009	0,309
CHR7	11979939	CHR7:11979939	SSF x Far_LoA	-6,84724782	-0,145	0,297
CHR7	11981544	CHR7:11981544	SSF x Far_LoA	-9,80932632	0,037	0,314
CHR7	11988680	CHR7:11988680	SSF x Far_LoA	-7,87716724	-0,007	0,305
CHR7	11989981	CHR7:11989981	SSF x Far_LoA	-8,91768233	0,022	0,310
CHR7	11989983	CHR7:11989983	SSF x Far_LoA	-9,0223309	0,075	0,314
CHR7	1200092	CHR7:1200092	SSF x Far_LoA	-10,8021155	0,107	0,290
CHR7	1200104	CHR7:1200104	SSF x Far_LoA	-11,6684785	0,020	0,296
CHR7	1200262	CHR7:1200262	SSF x Far_LoA	-11,5510038	-0,009	0,315
CHR7	1200301	CHR7:1200301	SSF x Far_LoA	-9,84732198	-0,081	0,309
CHR7	12003910	CHR7:12003910	SSF x Far_LoA	-10,2354019	0,043	0,309
CHR7	12003931	CHR7:12003931	SSF x Far_LoA	-9,38242833	-0,096	0,306
CHR7	12003959	CHR7:12003959	SSF x Far_LoA	-11,5329337	-0,031	0,295
CHR7	12027020	CHR7:12027020	SSF x Far_LoA	-10,6846245	-0,001	0,313
CHR7	12027051	CHR7:12027051	SSF x Far_LoA	-8,25562689	-0,080	0,310
CHR7	12034629	CHR7:12034629	SSF x Far_LoA	-7,40410499	-0,040	0,310
CHR7	12038785	CHR7:12038785	SSF x Far_LoA	-11,4780726	-0,054	0,300
CHR7	12042265	CHR7:12042265	SSF x Far_LoA	-10,16202	0,054	0,303
CHR7	12061005	CHR7:12061005	SSF x Far_LoA	-7,24831319	0,152	0,290
CHR7	12061232	CHR7:12061232	SSF x Far_LoA	-9,97489753	-0,134	0,282
CHR7	12072572	CHR7:12072572	SSF x Far_LoA	-10,9183045	-0,026	0,305
CHR7	1207337	CHR7:1207337	SSF x Far_LoA	-10,043993	-0,036	0,317
CHR7	12074359	CHR7:12074359	SSF x Far_LoA	-10,4108894	-0,055	0,301
CHR7	12074524	CHR7:12074524	SSF x Far_LoA	-8,48188682	0,074	0,305
CHR7	1207531	CHR7:1207531	SSF x Far_LoA	-8,13976222	-0,015	0,311
CHR7	1207545	CHR7:1207545	SSF x Far_LoA	-9,87500549	-0,096	0,300
CHR7	1207559	CHR7:1207559	SSF x Far_LoA	-8,37584456	-0,108	0,299
CHR7	12075610	CHR7:12075610	SSF x Far_LoA	-8,85740165	-0,069	0,308
CHR7	12075824	CHR7:12075824	SSF x Far_LoA	-12,1835385	-0,071	0,300
CHR7	12079842	CHR7:12079842	SSF x Far_LoA	-6,328356	0,021	0,326
CHR7	12079853	CHR7:12079853	SSF x Far_LoA	-8,44186399	0,074	0,298
CHR7	12079864	CHR7:12079864	SSF x Far_LoA	-4,49992877	0,101	0,309

CHR7	12079878	CHR7:12079878	SSF x Far_LoA	-9,42393612	0,030	0,311
CHR7	12079884	CHR7:12079884	SSF x Far_LoA	-7,35297848	-0,140	0,304
CHR7	12079888	CHR7:12079888	SSF x Far_LoA	-8,60100639	-0,109	0,295
CHR7	12087963	CHR7:12087963	SSF x Far_LoA	-7,4223643	-0,077	0,312
CHR7	12088463	CHR7:12088463	SSF x Far_LoA	-8,39777976	0,017	0,309
CHR7	12088492	CHR7:12088492	SSF x Far_LoA	-6,21204921	-0,135	0,305
CHR7	12097436	CHR7:12097436	SSF x Far_LoA	-8,62588943	-0,086	0,311
CHR7	12098070	CHR7:12098070	SSF x Far_LoA	-10,2223127	0,121	0,303
CHR7	12098116	CHR7:12098116	SSF x Far_LoA	-11,1289316	0,016	0,304
CHR7	1209902	CHR7:1209902	SSF x Far_LoA	-8,00575629	0,081	0,312
CHR7	1209914	CHR7:1209914	SSF x Far_LoA	-8,68492046	0,038	0,307
CHR7	1209925	CHR7:1209925	SSF x Far_LoA	-9,0048214	0,011	0,305
CHR7	1209951	CHR7:1209951	SSF x Far_LoA	-6,21631619	0,187	0,292
CHR7	1209962	CHR7:1209962	SSF x Far_LoA	-11,7640889	0,013	0,299
CHR7	1209981	CHR7:1209981	SSF x Far_LoA	-11,2735871	-0,020	0,298
CHR7	1210124	CHR7:1210124	SSF x Far_LoA	-9,7096095	-0,064	0,301
CHR7	12110187	CHR7:12110187	SSF x Far_LoA	-7,69412819	0,014	0,318
CHR7	12110300	CHR7:12110300	SSF x Far_LoA	-11,8281463	-0,006	0,306
CHR7	12114964	CHR7:12114964	SSF x Far_LoA	-7,72192605	0,185	0,302
CHR7	12118678	CHR7:12118678	SSF x Far_LoA	-10,2831306	0,052	0,293
CHR7	12118718	CHR7:12118718	SSF x Far_LoA	-11,611171	0,004	0,301
CHR7	12118789	CHR7:12118789	SSF x Far_LoA	-10,4034332	0,048	0,302
CHR7	12124387	CHR7:12124387	SSF x Far_LoA	-9,319823	0,054	0,315
CHR7	12124454	CHR7:12124454	SSF x Far_LoA	-9,11173383	0,054	0,306
CHR7	12124496	CHR7:12124496	SSF x Far_LoA	-7,41880363	0,078	0,286
CHR7	12124518	CHR7:12124518	SSF x Far_LoA	-9,3138463	0,075	0,305
CHR7	12124606	CHR7:12124606	SSF x Far_LoA	-4,69418405	-0,182	0,309
CHR7	12127026	CHR7:12127026	SSF x Far_LoA	-9,35442799	0,046	0,307
CHR7	12127040	CHR7:12127040	SSF x Far_LoA	-9,09510511	-0,040	0,309
CHR7	12127113	CHR7:12127113	SSF x Far_LoA	-8,87182552	0,039	0,304
CHR7	12127773	CHR7:12127773	SSF x Far_LoA	-8,16883561	0,116	0,308
CHR7	12127896	CHR7:12127896	SSF x Far_LoA	-9,34586068	0,050	0,306
CHR7	12137968	CHR7:12137968	SSF x Far_LoA	-9,12519189	0,018	0,310
CHR7	1214580	CHR7:1214580	SSF x Far_LoA	-10,2326514	-0,017	0,312
CHR7	1214622	CHR7:1214622	SSF x Far_LoA	-8,93104628	0,108	0,301
CHR7	1214647	CHR7:1214647	SSF x Far_LoA	-10,3714157	-0,020	0,316
CHR7	1214673	CHR7:1214673	SSF x Far_LoA	-9,6405792	-0,060	0,308
CHR7	12149130	CHR7:12149130	SSF x Far_LoA	-9,0965884	0,084	0,291
CHR7	12149153	CHR7:12149153	SSF x Far_LoA	-4,1641533	0,080	0,314
CHR7	12149202	CHR7:12149202	SSF x Far_LoA	-8,87622365	-0,084	0,307
CHR7	1215654	CHR7:1215654	SSF x Far_LoA	-9,83212877	0,020	0,290
CHR7	1215677	CHR7:1215677	SSF x Far_LoA	-9,933098	0,107	0,299
CHR7	1215720	CHR7:1215720	SSF x Far_LoA	-8,85544885	0,096	0,300
CHR7	12159394	CHR7:12159394	SSF x Far_LoA	-9,31030542	-0,015	0,311
CHR7	12159439	CHR7:12159439	SSF x Far_LoA	-9,32357917	-0,066	0,300
CHR7	12159498	CHR7:12159498	SSF x Far_LoA	-8,00770284	0,021	0,301
CHR7	12159529	CHR7:12159529	SSF x Far_LoA	-8,88355482	-0,011	0,321
CHR7	12159552	CHR7:12159552	SSF x Far_LoA	-6,98865922	0,082	0,302
CHR7	12159563	CHR7:12159563	SSF x Far_LoA	-8,40411271	0,074	0,317
CHR7	12175866	CHR7:12175866	SSF x Far_LoA	-2,8047766	-0,090	0,303
CHR7	12178605	CHR7:12178605	SSF x Far_LoA	-7,71677828	0,032	0,294
CHR7	12183435	CHR7:12183435	SSF x Far_LoA	-7,41202956	-0,038	0,304
CHR7	12183462	CHR7:12183462	SSF x Far_LoA	-6,13724859	-0,078	0,311

CHR7	12183527	CHR7:12183527	SSF x Far_LoA	-11,8830682	-0,006	0,314
CHR7	12195282	CHR7:12195282	SSF x Far_LoA	-11,6211877	0,044	0,307
CHR7	12195292	CHR7:12195292	SSF x Far_LoA	-8,92307379	-0,133	0,295
CHR7	12195308	CHR7:12195308	SSF x Far_LoA	-10,9840045	0,108	0,290
CHR7	1221356	CHR7:1221356	SSF x Far_LoA	-8,84422619	-0,141	0,297
CHR7	1222097	CHR7:1222097	SSF x Far_LoA	-8,49002005	0,053	0,315
CHR7	1222123	CHR7:1222123	SSF x Far_LoA	-9,15844752	-0,041	0,300
CHR7	1222141	CHR7:1222141	SSF x Far_LoA	-9,88455077	0,006	0,310
CHR7	1222147	CHR7:1222147	SSF x Far_LoA	-9,90987788	-0,150	0,304
CHR7	1222168	CHR7:1222168	SSF x Far_LoA	-7,77584224	0,013	0,320
CHR7	1222202	CHR7:1222202	SSF x Far_LoA	-10,9565282	-0,119	0,307
CHR7	1222212	CHR7:1222212	SSF x Far_LoA	-10,3988619	-0,085	0,299
CHR7	12230089	CHR7:12230089	SSF x Far_LoA	-10,3593888	-0,115	0,297
CHR7	12232765	CHR7:12232765	SSF x Far_LoA	-8,40329696	-0,123	0,309
CHR7	12232979	CHR7:12232979	SSF x Far_LoA	-8,44426555	-0,095	0,308
CHR7	12233037	CHR7:12233037	SSF x Far_LoA	-10,3944915	-0,015	0,315
CHR7	12233051	CHR7:12233051	SSF x Far_LoA	-8,68973765	-0,026	0,304
CHR7	12233061	CHR7:12233061	SSF x Far_LoA	-10,8755727	0,045	0,311
CHR7	12233093	CHR7:12233093	SSF x Far_LoA	-10,7775458	0,011	0,302
CHR7	12233097	CHR7:12233097	SSF x Far_LoA	-8,35891943	0,003	0,299
CHR7	1225225	CHR7:1225225	SSF x Far_LoA	-8,65306046	-0,066	0,319
CHR7	1225234	CHR7:1225234	SSF x Far_LoA	-7,49825523	-0,145	0,304
CHR7	1225254	CHR7:1225254	SSF x Far_LoA	-9,6803196	-0,048	0,302
CHR7	1225292	CHR7:1225292	SSF x Far_LoA	-8,91251689	-0,025	0,305
CHR7	1225439	CHR7:1225439	SSF x Far_LoA	-8,78636911	0,001	0,317
CHR7	12264389	CHR7:12264389	SSF x Far_LoA	-0,98118423	-0,064	0,317
CHR7	12264499	CHR7:12264499	SSF x Far_LoA	-8,89172642	-0,109	0,310
CHR7	12273470	CHR7:12273470	SSF x Far_LoA	-8,89739524	0,011	0,313
CHR7	122781	CHR7:122781	SSF x Far_LoA	-6,6871577	-0,110	0,302
CHR7	1228362	CHR7:1228362	SSF x Far_LoA	-8,93039515	0,020	0,320
CHR7	1228376	CHR7:1228376	SSF x Far_LoA	-8,45043735	0,035	0,291
CHR7	12285231	CHR7:12285231	SSF x Far_LoA	-5,67363987	-0,183	0,309
CHR7	12285232	CHR7:12285232	SSF x Far_LoA	-5,16629675	-0,198	0,304
CHR7	12285241	CHR7:12285241	SSF x Far_LoA	-9,58408684	-0,023	0,313
CHR7	12285246	CHR7:12285246	SSF x Far_LoA	-9,0664947	-0,039	0,306
CHR7	12285905	CHR7:12285905	SSF x Far_LoA	-6,07887055	-0,022	0,307
CHR7	12287315	CHR7:12287315	SSF x Far_LoA	-8,53545993	0,096	0,286
CHR7	12287392	CHR7:12287392	SSF x Far_LoA	-8,61194948	-0,063	0,320
CHR7	12287398	CHR7:12287398	SSF x Far_LoA	-7,62850684	-0,041	0,312
CHR7	12289079	CHR7:12289079	SSF x Far_LoA	-11,1004395	-0,022	0,316
CHR7	12289127	CHR7:12289127	SSF x Far_LoA	-10,8635003	-0,055	0,301
CHR7	12289134	CHR7:12289134	SSF x Far_LoA	-6,87901355	-0,125	0,289
CHR7	12289136	CHR7:12289136	SSF x Far_LoA	-9,11630205	-0,078	0,297
CHR7	12289150	CHR7:12289150	SSF x Far_LoA	-10,5789817	-0,022	0,306
CHR7	12291868	CHR7:12291868	SSF x Far_LoA	-10,5447009	-0,032	0,316
CHR7	12294056	CHR7:12294056	SSF x Far_LoA	-8,98796475	0,066	0,310
CHR7	12294195	CHR7:12294195	SSF x Far_LoA	-9,84577907	-0,044	0,307
CHR7	12294263	CHR7:12294263	SSF x Far_LoA	-8,60561113	-0,102	0,295
CHR7	12294284	CHR7:12294284	SSF x Far_LoA	-8,2135742	0,083	0,304
CHR7	12294308	CHR7:12294308	SSF x Far_LoA	-11,5856792	-0,005	0,295
CHR7	12302292	CHR7:12302292	SSF x Far_LoA	-10,3207288	-0,038	0,303
CHR7	12302370	CHR7:12302370	SSF x Far_LoA	-10,6658602	-0,026	0,310
CHR7	12302383	CHR7:12302383	SSF x Far_LoA	-10,2820745	0,025	0,304

CHR7	12302434	CHR7:12302434	SSF x Far_LoA	-7,38433439	-0,049	0,291
CHR7	12302453	CHR7:12302453	SSF x Far_LoA	-7,09662649	0,038	0,309
CHR7	12302466	CHR7:12302466	SSF x Far_LoA	-9,99009935	0,130	0,295
CHR7	12303844	CHR7:12303844	SSF x Far_LoA	-8,94191014	-0,045	0,328
CHR7	12321369	CHR7:12321369	SSF x Far_LoA	-10,0522892	-0,071	0,313
CHR7	12321550	CHR7:12321550	SSF x Far_LoA	-10,3349074	0,050	0,297
CHR7	12321554	CHR7:12321554	SSF x Far_LoA	-9,04706092	0,046	0,303
CHR7	12321563	CHR7:12321563	SSF x Far_LoA	-8,48934432	-0,037	0,312
CHR7	12321621	CHR7:12321621	SSF x Far_LoA	-1,90788117	0,162	0,300
CHR7	12329247	CHR7:12329247	SSF x Far_LoA	-9,09166045	-0,003	0,313
CHR7	12331533	CHR7:12331533	SSF x Far_LoA	-10,0468064	0,001	0,304
CHR7	12335268	CHR7:12335268	SSF x Far_LoA	-10,6126391	0,069	0,303
CHR7	1234281	CHR7:1234281	SSF x Far_LoA	-8,53931545	0,002	0,311
CHR7	1234290	CHR7:1234290	SSF x Far_LoA	-10,0564845	-0,043	0,307
CHR7	1234317	CHR7:1234317	SSF x Far_LoA	-9,27818739	-0,006	0,302
CHR7	12343523	CHR7:12343523	SSF x Far_LoA	-11,2399961	0,030	0,306
CHR7	12343524	CHR7:12343524	SSF x Far_LoA	-10,3583451	0,024	0,313
CHR7	12343610	CHR7:12343610	SSF x Far_LoA	-7,96814192	0,037	0,323
CHR7	12345150	CHR7:12345150	SSF x Far_LoA	-12,6584832	0,048	0,293
CHR7	12362151	CHR7:12362151	SSF x Far_LoA	-10,8361418	-0,041	0,307
CHR7	12368516	CHR7:12368516	SSF x Far_LoA	-10,9265143	0,028	0,311
CHR7	12368543	CHR7:12368543	SSF x Far_LoA	-9,07048328	0,017	0,304
CHR7	12368549	CHR7:12368549	SSF x Far_LoA	-9,92350948	0,105	0,304
CHR7	12372739	CHR7:12372739	SSF x Far_LoA	-10,3705391	0,052	0,305
CHR7	12372747	CHR7:12372747	SSF x Far_LoA	-7,66875368	0,173	0,298
CHR7	12374171	CHR7:12374171	SSF x Far_LoA	-10,1478571	0,059	0,302
CHR7	12374312	CHR7:12374312	SSF x Far_LoA	-7,64840915	-0,155	0,302
CHR7	12374322	CHR7:12374322	SSF x Far_LoA	-7,96397965	0,063	0,306
CHR7	12374353	CHR7:12374353	SSF x Far_LoA	-10,0547689	-0,037	0,300
CHR7	12374367	CHR7:12374367	SSF x Far_LoA	-9,81965218	-0,073	0,301
CHR7	12379099	CHR7:12379099	SSF x Far_LoA	-8,84205972	0,024	0,311
CHR7	12384782	CHR7:12384782	SSF x Far_LoA	-6,58899573	-0,195	0,307
CHR7	12384819	CHR7:12384819	SSF x Far_LoA	-5,77234666	-0,218	0,304
CHR7	12384834	CHR7:12384834	SSF x Far_LoA	-10,9637845	0,125	0,292
CHR7	12384853	CHR7:12384853	SSF x Far_LoA	-8,79025266	0,131	0,310
CHR7	12384918	CHR7:12384918	SSF x Far_LoA	-10,6604189	-0,042	0,310
CHR7	12384921	CHR7:12384921	SSF x Far_LoA	-10,2034634	-0,033	0,306
CHR7	12391324	CHR7:12391324	SSF x Far_LoA	-8,73982922	0,037	0,307
CHR7	12391417	CHR7:12391417	SSF x Far_LoA	-7,40615955	0,029	0,311
CHR7	12391443	CHR7:12391443	SSF x Far_LoA	-8,03138879	-0,042	0,314
CHR7	12391552	CHR7:12391552	SSF x Far_LoA	-10,7288571	0,026	0,307
CHR7	12391579	CHR7:12391579	SSF x Far_LoA	-4,9004272	0,052	0,312
CHR7	1239814	CHR7:1239814	SSF x Far_LoA	-8,70057147	-0,064	0,311
CHR7	1239883	CHR7:1239883	SSF x Far_LoA	-8,97965766	0,090	0,299
CHR7	1239902	CHR7:1239902	SSF x Far_LoA	-8,74963171	0,038	0,313
CHR7	1239903	CHR7:1239903	SSF x Far_LoA	-5,1419281	-0,046	0,308
CHR7	1239913	CHR7:1239913	SSF x Far_LoA	-11,622491	-0,007	0,302
CHR7	1239955	CHR7:1239955	SSF x Far_LoA	-9,49576887	-0,053	0,305
CHR7	1239971	CHR7:1239971	SSF x Far_LoA	-9,62688759	-0,075	0,304
CHR7	1240016	CHR7:1240016	SSF x Far_LoA	-10,9641126	0,008	0,310
CHR7	1240024	CHR7:1240024	SSF x Far_LoA	-8,44425746	0,067	0,301
CHR7	1240044	CHR7:1240044	SSF x Far_LoA	-7,92538174	0,095	0,297
CHR7	12400755	CHR7:12400755	SSF x Far_LoA	-10,9861642	0,055	0,314

CHR7	12402293	CHR7:12402293	SSF x Far_LoA	-11,364072	0,053	0,301
CHR7	12409129	CHR7:12409129	SSF x Far_LoA	-9,10565146	0,008	0,310
CHR7	12409150	CHR7:12409150	SSF x Far_LoA	-8,23674877	0,031	0,314
CHR7	12409203	CHR7:12409203	SSF x Far_LoA	-11,1366747	0,118	0,309
CHR7	12425075	CHR7:12425075	SSF x Far_LoA	-11,3102776	-0,025	0,318
CHR7	12425088	CHR7:12425088	SSF x Far_LoA	-10,8489012	-0,007	0,315
CHR7	12425271	CHR7:12425271	SSF x Far_LoA	-7,94784188	-0,052	0,317
CHR7	12425334	CHR7:12425334	SSF x Far_LoA	-11,3595443	-0,030	0,311
CHR7	12429685	CHR7:12429685	SSF x Far_LoA	-8,45449608	0,001	0,312
CHR7	12429714	CHR7:12429714	SSF x Far_LoA	-9,89845361	0,019	0,312
CHR7	12429724	CHR7:12429724	SSF x Far_LoA	-7,71284455	0,018	0,309
CHR7	12429748	CHR7:12429748	SSF x Far_LoA	-8,99276491	0,034	0,320
CHR7	12429770	CHR7:12429770	SSF x Far_LoA	-9,3426093	0,007	0,303
CHR7	12429915	CHR7:12429915	SSF x Far_LoA	-8,34356764	0,181	0,288
CHR7	12438817	CHR7:12438817	SSF x Far_LoA	-7,67365927	-0,112	0,301
CHR7	12438840	CHR7:12438840	SSF x Far_LoA	-7,11923938	0,087	0,308
CHR7	12438851	CHR7:12438851	SSF x Far_LoA	-8,97982391	0,081	0,304
CHR7	12438864	CHR7:12438864	SSF x Far_LoA	-4,14324493	0,096	0,321
CHR7	12438902	CHR7:12438902	SSF x Far_LoA	-9,13477454	0,062	0,298
CHR7	12439656	CHR7:12439656	SSF x Far_LoA	-9,24237523	-0,129	0,296
CHR7	12451183	CHR7:12451183	SSF x Far_LoA	-8,90776705	0,102	0,312
CHR7	12451229	CHR7:12451229	SSF x Far_LoA	-10,3553767	0,119	0,313
CHR7	12451331	CHR7:12451331	SSF x Far_LoA	-7,24387792	0,217	0,288
CHR7	12451407	CHR7:12451407	SSF x Far_LoA	-9,14511278	0,018	0,317
CHR7	12459841	CHR7:12459841	SSF x Far_LoA	-10,6531992	0,033	0,303
CHR7	12459930	CHR7:12459930	SSF x Far_LoA	-7,7005958	-0,123	0,299
CHR7	12459956	CHR7:12459956	SSF x Far_LoA	-9,4262273	0,145	0,299
CHR7	12463101	CHR7:12463101	SSF x Far_LoA	-8,02487173	0,101	0,303
CHR7	12463164	CHR7:12463164	SSF x Far_LoA	-10,1291355	-0,003	0,312
CHR7	12472827	CHR7:12472827	SSF x Far_LoA	-9,59315984	-0,085	0,300
CHR7	12472843	CHR7:12472843	SSF x Far_LoA	-7,70307957	-0,047	0,310
CHR7	12472844	CHR7:12472844	SSF x Far_LoA	-7,58015727	0,041	0,295
CHR7	12482509	CHR7:12482509	SSF x Far_LoA	-9,34790691	-0,004	0,305
CHR7	12482511	CHR7:12482511	SSF x Far_LoA	-6,48879417	-0,028	0,314
CHR7	12488933	CHR7:12488933	SSF x Far_LoA	-3,90892415	-0,227	0,302
CHR7	12488957	CHR7:12488957	SSF x Far_LoA	-1,17673114	-0,260	0,293
CHR7	12489096	CHR7:12489096	SSF x Far_LoA	-8,96916331	0,006	0,300
CHR7	12489148	CHR7:12489148	SSF x Far_LoA	1,98113668	0,010	0,321
CHR7	12489164	CHR7:12489164	SSF x Far_LoA	-9,00397922	0,016	0,306
CHR7	12496393	CHR7:12496393	SSF x Far_LoA	-11,2360777	0,091	0,299
CHR7	12496599	CHR7:12496599	SSF x Far_LoA	-7,95157083	-0,042	0,305
CHR7	12496600	CHR7:12496600	SSF x Far_LoA	-8,60076852	0,012	0,319
CHR7	12497561	CHR7:12497561	SSF x Far_LoA	-9,68889602	-0,021	0,306
CHR7	12507184	CHR7:12507184	SSF x Far_LoA	-7,16239571	-0,078	0,298
CHR7	12530521	CHR7:12530521	SSF x Far_LoA	-10,0130541	0,016	0,295
CHR7	12530593	CHR7:12530593	SSF x Far_LoA	-10,1928874	0,081	0,303
CHR7	12539511	CHR7:12539511	SSF x Far_LoA	-10,9210943	0,113	0,291
CHR7	12539531	CHR7:12539531	SSF x Far_LoA	-9,55469354	-0,007	0,287
CHR7	12539592	CHR7:12539592	SSF x Far_LoA	-8,05291584	-0,010	0,306
CHR7	12558250	CHR7:12558250	SSF x Far_LoA	1,08511417	-0,153	0,290
CHR7	12558254	CHR7:12558254	SSF x Far_LoA	-8,5684692	0,035	0,300
CHR7	12574079	CHR7:12574079	SSF x Far_LoA	-9,50193568	-0,050	0,290
CHR7	12592751	CHR7:12592751	SSF x Far_LoA	-6,07635754	0,121	0,283

CHR7	12592764	CHR7:12592764	SSF x Far_LoA	-7,88236392	0,128	0,290
CHR7	12592766	CHR7:12592766	SSF x Far_LoA	-5,85602863	0,162	0,281
CHR7	12600082	CHR7:12600082	SSF x Far_LoA	-8,38846642	0,054	0,306
CHR7	12600139	CHR7:12600139	SSF x Far_LoA	-9,51914637	0,054	0,324
CHR7	12603301	CHR7:12603301	SSF x Far_LoA	-10,0400442	-0,081	0,306
CHR7	12603327	CHR7:12603327	SSF x Far_LoA	-11,0351879	-0,054	0,309
CHR7	12603366	CHR7:12603366	SSF x Far_LoA	-10,3779488	-0,007	0,310
CHR7	12603393	CHR7:12603393	SSF x Far_LoA	-10,8297363	-0,047	0,306
CHR7	12605676	CHR7:12605676	SSF x Far_LoA	-9,51833838	0,128	0,304
CHR7	12613139	CHR7:12613139	SSF x Far_LoA	-9,51881514	-0,045	0,300
CHR7	12613146	CHR7:12613146	SSF x Far_LoA	-8,52966099	-0,200	0,301
CHR7	12613306	CHR7:12613306	SSF x Far_LoA	-8,54486429	-0,127	0,310
CHR7	12613378	CHR7:12613378	SSF x Far_LoA	-8,29104319	0,098	0,303
CHR7	12616828	CHR7:12616828	SSF x Far_LoA	-10,4688221	-0,015	0,309
CHR7	12622256	CHR7:12622256	SSF x Far_LoA	-8,68728981	0,010	0,307
CHR7	12622285	CHR7:12622285	SSF x Far_LoA	-10,2393479	0,000	0,298
CHR7	12625425	CHR7:12625425	SSF x Far_LoA	-10,5320953	-0,064	0,310
CHR7	12631115	CHR7:12631115	SSF x Far_LoA	-7,5898681	0,104	0,313
CHR7	1263281	CHR7:1263281	SSF x Far_LoA	-2,04430677	0,109	0,306
CHR7	1263573	CHR7:1263573	SSF x Far_LoA	-7,47756093	-0,083	0,292
CHR7	12646142	CHR7:12646142	SSF x Far_LoA	-9,49258082	0,110	0,312
CHR7	12646148	CHR7:12646148	SSF x Far_LoA	-9,1441579	0,026	0,311
CHR7	12646286	CHR7:12646286	SSF x Far_LoA	-9,98863032	-0,005	0,315
CHR7	12646307	CHR7:12646307	SSF x Far_LoA	-5,97675695	0,042	0,316
CHR7	12646343	CHR7:12646343	SSF x Far_LoA	-9,44320329	0,056	0,294
CHR7	12654094	CHR7:12654094	SSF x Far_LoA	-11,09443	0,073	0,286
CHR7	12654478	CHR7:12654478	SSF x Far_LoA	-8,58604448	-0,130	0,299
CHR7	12654504	CHR7:12654504	SSF x Far_LoA	-11,4793685	0,005	0,300
CHR7	12665520	CHR7:12665520	SSF x Far_LoA	-6,73580761	-0,099	0,304
CHR7	12671619	CHR7:12671619	SSF x Far_LoA	-7,05497591	-0,087	0,301
CHR7	12671621	CHR7:12671621	SSF x Far_LoA	-8,77829112	-0,073	0,308
CHR7	12684112	CHR7:12684112	SSF x Far_LoA	-7,24226439	-0,032	0,304
CHR7	12684120	CHR7:12684120	SSF x Far_LoA	-8,51297973	-0,068	0,316
CHR7	1269542	CHR7:1269542	SSF x Far_LoA	-9,65122597	-0,042	0,307
CHR7	1269632	CHR7:1269632	SSF x Far_LoA	-7,83998185	0,005	0,295
CHR7	12705513	CHR7:12705513	SSF x Far_LoA	-8,80539706	-0,021	0,317
CHR7	12705676	CHR7:12705676	SSF x Far_LoA	-9,48174324	-0,004	0,303
CHR7	1271506	CHR7:1271506	SSF x Far_LoA	-8,53029746	0,090	0,308
CHR7	12719575	CHR7:12719575	SSF x Far_LoA	-5,4438269	-0,166	0,289
CHR7	12722098	CHR7:12722098	SSF x Far_LoA	-10,2642462	-0,056	0,312
CHR7	12728248	CHR7:12728248	SSF x Far_LoA	-10,5009198	-0,033	0,304
CHR7	12728338	CHR7:12728338	SSF x Far_LoA	-6,03249561	-0,016	0,315
CHR7	12746214	CHR7:12746214	SSF x Far_LoA	-10,9571339	-0,010	0,293
CHR7	12746257	CHR7:12746257	SSF x Far_LoA	-8,98013715	-0,002	0,302
CHR7	12759226	CHR7:12759226	SSF x Far_LoA	-8,13909591	-0,074	0,316
CHR7	12759478	CHR7:12759478	SSF x Far_LoA	-9,28441003	-0,037	0,310
CHR7	127646	CHR7:127646	SSF x Far_LoA	-8,01654791	-0,097	0,319
CHR7	12777509	CHR7:12777509	SSF x Far_LoA	-7,98845243	-0,081	0,317
CHR7	12777535	CHR7:12777535	SSF x Far_LoA	-7,65789415	0,085	0,307
CHR7	12777554	CHR7:12777554	SSF x Far_LoA	-9,43333825	-0,047	0,298
CHR7	12778722	CHR7:12778722	SSF x Far_LoA	-11,3358218	0,045	0,312
CHR7	12779050	CHR7:12779050	SSF x Far_LoA	-9,56273748	-0,085	0,306
CHR7	12785042	CHR7:12785042	SSF x Far_LoA	-10,1775494	-0,024	0,307

CHR7	12785063	CHR7:12785063	SSF x Far_LoA	-11,1650553	-0,057	0,285
CHR7	12785083	CHR7:12785083	SSF x Far_LoA	-9,31753142	0,032	0,291
CHR7	12785130	CHR7:12785130	SSF x Far_LoA	-9,74894575	0,019	0,298
CHR7	12785169	CHR7:12785169	SSF x Far_LoA	-11,7570431	-0,021	0,312
CHR7	12785209	CHR7:12785209	SSF x Far_LoA	-6,97189792	0,039	0,311
CHR7	12785217	CHR7:12785217	SSF x Far_LoA	-12,1520584	0,046	0,298
CHR7	12785243	CHR7:12785243	SSF x Far_LoA	-9,17399667	-0,043	0,302
CHR7	12787163	CHR7:12787163	SSF x Far_LoA	-8,61842526	0,059	0,297
CHR7	12787276	CHR7:12787276	SSF x Far_LoA	-9,50320578	-0,039	0,313
CHR7	1278835	CHR7:1278835	SSF x Far_LoA	-10,3043998	0,031	0,294
CHR7	1278837	CHR7:1278837	SSF x Far_LoA	-9,14197628	0,020	0,297
CHR7	1278843	CHR7:1278843	SSF x Far_LoA	-8,91971077	0,128	0,302
CHR7	1278873	CHR7:1278873	SSF x Far_LoA	-10,791213	0,021	0,300
CHR7	1278884	CHR7:1278884	SSF x Far_LoA	-8,48097874	0,082	0,309
CHR7	1278893	CHR7:1278893	SSF x Far_LoA	-8,24706371	0,053	0,306
CHR7	1278896	CHR7:1278896	SSF x Far_LoA	-7,12338614	0,060	0,295
CHR7	1278908	CHR7:1278908	SSF x Far_LoA	-8,62529247	-0,112	0,302
CHR7	1278910	CHR7:1278910	SSF x Far_LoA	-8,21828536	-0,072	0,310
CHR7	12789897	CHR7:12789897	SSF x Far_LoA	-11,6094238	-0,006	0,303
CHR7	12795596	CHR7:12795596	SSF x Far_LoA	-8,63051153	0,000	0,303
CHR7	12795597	CHR7:12795597	SSF x Far_LoA	-10,4572421	-0,061	0,297
CHR7	12795739	CHR7:12795739	SSF x Far_LoA	-7,51655416	0,061	0,326
CHR7	12795741	CHR7:12795741	SSF x Far_LoA	-8,16319329	0,075	0,309
CHR7	12795745	CHR7:12795745	SSF x Far_LoA	-8,68673777	0,058	0,315
CHR7	12795854	CHR7:12795854	SSF x Far_LoA	-12,0572096	0,095	0,292
CHR7	12800651	CHR7:12800651	SSF x Far_LoA	-9,60245006	0,022	0,306
CHR7	12800708	CHR7:12800708	SSF x Far_LoA	-10,3278882	0,078	0,306
CHR7	12806166	CHR7:12806166	SSF x Far_LoA	-8,52644658	0,071	0,306
CHR7	12806212	CHR7:12806212	SSF x Far_LoA	-9,0605452	0,099	0,314
CHR7	12806275	CHR7:12806275	SSF x Far_LoA	-9,90922798	0,069	0,324
CHR7	12809283	CHR7:12809283	SSF x Far_LoA	-10,1521737	-0,024	0,323
CHR7	12809468	CHR7:12809468	SSF x Far_LoA	-8,3215685	-0,024	0,300
CHR7	12809542	CHR7:12809542	SSF x Far_LoA	-10,4332086	-0,055	0,308
CHR7	12809547	CHR7:12809547	SSF x Far_LoA	-9,57917964	0,028	0,310
CHR7	12810819	CHR7:12810819	SSF x Far_LoA	-9,59695096	-0,013	0,290
CHR7	12811504	CHR7:12811504	SSF x Far_LoA	-9,05195953	-0,091	0,325
CHR7	12816730	CHR7:12816730	SSF x Far_LoA	-11,6323116	0,032	0,308
CHR7	12816876	CHR7:12816876	SSF x Far_LoA	-8,21731524	-0,015	0,302
CHR7	12818544	CHR7:12818544	SSF x Far_LoA	-11,1549647	-0,038	0,322
CHR7	12824504	CHR7:12824504	SSF x Far_LoA	-8,87367175	-0,014	0,297
CHR7	12824581	CHR7:12824581	SSF x Far_LoA	-11,2442764	0,032	0,314
CHR7	12824627	CHR7:12824627	SSF x Far_LoA	-10,8312166	-0,054	0,289
CHR7	12824664	CHR7:12824664	SSF x Far_LoA	-6,77771762	0,178	0,298
CHR7	12824665	CHR7:12824665	SSF x Far_LoA	-10,2411754	-0,072	0,316
CHR7	12824696	CHR7:12824696	SSF x Far_LoA	-9,63985327	0,199	0,296
CHR7	12833206	CHR7:12833206	SSF x Far_LoA	-9,01004948	0,071	0,318
CHR7	12833207	CHR7:12833207	SSF x Far_LoA	-10,5502574	0,020	0,308
CHR7	12833216	CHR7:12833216	SSF x Far_LoA	-10,4940705	0,046	0,307
CHR7	12841718	CHR7:12841718	SSF x Far_LoA	-11,8055691	-0,025	0,312
CHR7	12841903	CHR7:12841903	SSF x Far_LoA	-7,36824205	0,050	0,304
CHR7	12841976	CHR7:12841976	SSF x Far_LoA	-10,3911385	0,108	0,303
CHR7	12852735	CHR7:12852735	SSF x Far_LoA	-9,25731218	0,024	0,312
CHR7	12852767	CHR7:12852767	SSF x Far_LoA	-9,03626814	0,105	0,296

CHR7	12852792	CHR7:12852792	SSF x Far_LoA	-11,066633	-0,068	0,288
CHR7	12860361	CHR7:12860361	SSF x Far_LoA	-10,278174	-0,025	0,296
CHR7	12860377	CHR7:12860377	SSF x Far_LoA	-8,62418376	-0,070	0,311
CHR7	12860413	CHR7:12860413	SSF x Far_LoA	-8,39826048	0,130	0,296
CHR7	12861892	CHR7:12861892	SSF x Far_LoA	-10,1046621	-0,033	0,307
CHR7	12861939	CHR7:12861939	SSF x Far_LoA	-9,92356018	0,024	0,302
CHR7	12921112	CHR7:12921112	SSF x Far_LoA	-12,199095	0,017	0,295
CHR7	12921131	CHR7:12921131	SSF x Far_LoA	0,01275343	0,050	0,289
CHR7	12921161	CHR7:12921161	SSF x Far_LoA	-9,77890347	-0,027	0,290
CHR7	12956209	CHR7:12956209	SSF x Far_LoA	-12,0115723	0,086	0,302
CHR7	12956286	CHR7:12956286	SSF x Far_LoA	-9,80064309	0,055	0,305
CHR7	1299483	CHR7:1299483	SSF x Far_LoA	-9,01341329	0,076	0,312
CHR7	1299489	CHR7:1299489	SSF x Far_LoA	-9,81625634	-0,047	0,309
CHR7	1299511	CHR7:1299511	SSF x Far_LoA	-7,60832995	0,080	0,294
CHR7	1299515	CHR7:1299515	SSF x Far_LoA	-11,6096908	-0,051	0,287
CHR7	1299519	CHR7:1299519	SSF x Far_LoA	-8,57868885	-0,033	0,316
CHR7	1299528	CHR7:1299528	SSF x Far_LoA	-8,67454988	0,030	0,301
CHR7	1299551	CHR7:1299551	SSF x Far_LoA	-8,92605587	-0,005	0,311
CHR7	1299553	CHR7:1299553	SSF x Far_LoA	-9,5228835	0,131	0,303
CHR7	12996429	CHR7:12996429	SSF x Far_LoA	-8,25788523	0,073	0,309
CHR7	12996449	CHR7:12996449	SSF x Far_LoA	-7,42554874	0,046	0,307
CHR7	12996523	CHR7:12996523	SSF x Far_LoA	-9,60700105	0,097	0,298
CHR7	12997166	CHR7:12997166	SSF x Far_LoA	-9,02243381	-0,034	0,314
CHR7	12998963	CHR7:12998963	SSF x Far_LoA	-10,1006544	0,134	0,297
CHR7	12998982	CHR7:12998982	SSF x Far_LoA	-9,36349084	-0,035	0,310
CHR7	12998995	CHR7:12998995	SSF x Far_LoA	-11,8257029	0,019	0,292
CHR7	12999045	CHR7:12999045	SSF x Far_LoA	-8,90863212	0,134	0,298
CHR7	12999091	CHR7:12999091	SSF x Far_LoA	-5,75193999	0,157	0,290
CHR7	12999092	CHR7:12999092	SSF x Far_LoA	-9,62278508	0,146	0,299
CHR7	12999093	CHR7:12999093	SSF x Far_LoA	-9,43789591	0,147	0,291
CHR7	13030599	CHR7:13030599	SSF x Far_LoA	-11,8496715	-0,004	0,305
CHR7	13030658	CHR7:13030658	SSF x Far_LoA	-6,03569124	-0,007	0,307
CHR7	13030680	CHR7:13030680	SSF x Far_LoA	-10,1241445	0,072	0,302
CHR7	13030687	CHR7:13030687	SSF x Far_LoA	-11,3844052	-0,030	0,315
CHR7	13030767	CHR7:13030767	SSF x Far_LoA	-7,44194931	-0,017	0,317
CHR7	13037659	CHR7:13037659	SSF x Far_LoA	-9,1247496	0,085	0,298
CHR7	13045041	CHR7:13045041	SSF x Far_LoA	-9,35744295	-0,051	0,304
CHR7	13045050	CHR7:13045050	SSF x Far_LoA	-7,95181763	-0,124	0,309
CHR7	13045079	CHR7:13045079	SSF x Far_LoA	-9,97228049	-0,077	0,295
CHR7	13045208	CHR7:13045208	SSF x Far_LoA	-7,02204405	-0,124	0,319
CHR7	13053267	CHR7:13053267	SSF x Far_LoA	-10,0048803	-0,052	0,309
CHR7	1306824	CHR7:1306824	SSF x Far_LoA	-8,32977798	0,019	0,313
CHR7	13079363	CHR7:13079363	SSF x Far_LoA	-5,01855766	-0,158	0,313
CHR7	13079430	CHR7:13079430	SSF x Far_LoA	-9,91965372	0,030	0,303
CHR7	13079479	CHR7:13079479	SSF x Far_LoA	-9,38566142	-0,140	0,309
CHR7	13079485	CHR7:13079485	SSF x Far_LoA	-10,4640896	0,007	0,318
CHR7	13085078	CHR7:13085078	SSF x Far_LoA	-7,8839248	0,102	0,307
CHR7	13121842	CHR7:13121842	SSF x Far_LoA	-6,81765985	0,174	0,288
CHR7	13121864	CHR7:13121864	SSF x Far_LoA	-6,98247313	-0,134	0,300
CHR7	13126987	CHR7:13126987	SSF x Far_LoA	-7,36079456	0,136	0,291
CHR7	13128732	CHR7:13128732	SSF x Far_LoA	-9,55184422	-0,030	0,294
CHR7	13128767	CHR7:13128767	SSF x Far_LoA	-10,2551306	-0,059	0,304
CHR7	13128794	CHR7:13128794	SSF x Far_LoA	-7,56850876	0,055	0,309

CHR7	13136164	CHR7:13136164	SSF x Far_LoA	-11,2501699	-0,035	0,287
CHR7	13136330	CHR7:13136330	SSF x Far_LoA	-3,56106064	-0,229	0,292
CHR7	13136354	CHR7:13136354	SSF x Far_LoA	-0,04367155	0,214	0,288
CHR7	13136401	CHR7:13136401	SSF x Far_LoA	-7,57226027	-0,112	0,308
CHR7	13136402	CHR7:13136402	SSF x Far_LoA	-9,44022834	-0,012	0,310
CHR7	13140302	CHR7:13140302	SSF x Far_LoA	-9,53149385	0,172	0,278
CHR7	13140335	CHR7:13140335	SSF x Far_LoA	-9,30084039	0,022	0,304
CHR7	13140380	CHR7:13140380	SSF x Far_LoA	-11,161281	-0,078	0,315
CHR7	13140443	CHR7:13140443	SSF x Far_LoA	-9,89271861	-0,041	0,312
CHR7	13154710	CHR7:13154710	SSF x Far_LoA	-8,65782904	-0,050	0,309
CHR7	13154825	CHR7:13154825	SSF x Far_LoA	-6,71086347	-0,138	0,299
CHR7	13154850	CHR7:13154850	SSF x Far_LoA	-10,6420206	-0,046	0,300
CHR7	13156496	CHR7:13156496	SSF x Far_LoA	-9,43061972	0,023	0,307
CHR7	13160108	CHR7:13160108	SSF x Far_LoA	-6,55247191	-0,123	0,304
CHR7	13160184	CHR7:13160184	SSF x Far_LoA	-8,40478453	-0,036	0,319
CHR7	13167636	CHR7:13167636	SSF x Far_LoA	-8,95105635	0,083	0,300
CHR7	1318887	CHR7:1318887	SSF x Far_LoA	-10,178629	-0,018	0,304
CHR7	1318955	CHR7:1318955	SSF x Far_LoA	-12,0412751	0,021	0,307
CHR7	13190693	CHR7:13190693	SSF x Far_LoA	-9,82592742	-0,098	0,306
CHR7	13190732	CHR7:13190732	SSF x Far_LoA	-8,03341232	-0,138	0,300
CHR7	13190740	CHR7:13190740	SSF x Far_LoA	-4,96404914	-0,133	0,294
CHR7	13190784	CHR7:13190784	SSF x Far_LoA	-8,57103528	0,111	0,318
CHR7	13198203	CHR7:13198203	SSF x Far_LoA	-10,4082385	-0,075	0,318
CHR7	13240653	CHR7:13240653	SSF x Far_LoA	-5,66413123	0,241	0,264
CHR7	13248617	CHR7:13248617	SSF x Far_LoA	-8,15130192	0,093	0,299
CHR7	13249112	CHR7:13249112	SSF x Far_LoA	-10,0146364	0,039	0,295
CHR7	13251741	CHR7:13251741	SSF x Far_LoA	-11,565071	0,032	0,304
CHR7	13251770	CHR7:13251770	SSF x Far_LoA	-5,30681618	0,038	0,303
CHR7	13253543	CHR7:13253543	SSF x Far_LoA	-7,52726479	-0,097	0,307
CHR7	13253575	CHR7:13253575	SSF x Far_LoA	-8,99950891	-0,072	0,308
CHR7	13253650	CHR7:13253650	SSF x Far_LoA	-4,78598653	0,153	0,298
CHR7	13253651	CHR7:13253651	SSF x Far_LoA	-5,53404484	0,171	0,308
CHR7	13253655	CHR7:13253655	SSF x Far_LoA	-7,93208812	0,123	0,300
CHR7	13253695	CHR7:13253695	SSF x Far_LoA	-4,82497471	0,000	0,298
CHR7	13253750	CHR7:13253750	SSF x Far_LoA	-8,70812202	0,068	0,298
CHR7	13264668	CHR7:13264668	SSF x Far_LoA	-9,65755781	0,108	0,304
CHR7	1327229	CHR7:1327229	SSF x Far_LoA	-9,07174686	0,088	0,290
CHR7	1327295	CHR7:1327295	SSF x Far_LoA	-8,1664021	0,011	0,307
CHR7	1327300	CHR7:1327300	SSF x Far_LoA	-10,6725635	-0,015	0,301
CHR7	1327328	CHR7:1327328	SSF x Far_LoA	-8,61367581	-0,021	0,300
CHR7	13273514	CHR7:13273514	SSF x Far_LoA	-9,31574216	-0,136	0,301
CHR7	13281937	CHR7:13281937	SSF x Far_LoA	-10,6292038	0,029	0,302
CHR7	13282000	CHR7:13282000	SSF x Far_LoA	-10,991854	-0,032	0,317
CHR7	13282050	CHR7:13282050	SSF x Far_LoA	-8,81760281	0,080	0,305
CHR7	13282894	CHR7:13282894	SSF x Far_LoA	-9,59454403	-0,047	0,310
CHR7	13282896	CHR7:13282896	SSF x Far_LoA	-6,76885396	-0,056	0,314
CHR7	13282909	CHR7:13282909	SSF x Far_LoA	-8,11094697	-0,024	0,303
CHR7	13282912	CHR7:13282912	SSF x Far_LoA	-8,73601812	0,027	0,308
CHR7	13282917	CHR7:13282917	SSF x Far_LoA	-8,64701818	0,027	0,293
CHR7	13282926	CHR7:13282926	SSF x Far_LoA	-6,40173169	-0,088	0,317
CHR7	13282936	CHR7:13282936	SSF x Far_LoA	-9,70451252	-0,013	0,312
CHR7	13285820	CHR7:13285820	SSF x Far_LoA	-8,66019291	-0,101	0,304
CHR7	13294236	CHR7:13294236	SSF x Far_LoA	-9,57192258	-0,012	0,305

CHR7	13299878	CHR7:13299878	SSF x Far_LoA	-10,2546213	0,060	0,314
CHR7	13299953	CHR7:13299953	SSF x Far_LoA	-6,85540952	-0,130	0,298
CHR7	13300002	CHR7:13300002	SSF x Far_LoA	-8,88294586	-0,064	0,307
CHR7	13300840	CHR7:13300840	SSF x Far_LoA	-9,05440541	0,062	0,319
CHR7	13300867	CHR7:13300867	SSF x Far_LoA	-9,9421751	0,078	0,298
CHR7	13304050	CHR7:13304050	SSF x Far_LoA	-10,3112322	0,097	0,315
CHR7	13304173	CHR7:13304173	SSF x Far_LoA	-8,257093	0,015	0,311
CHR7	13304204	CHR7:13304204	SSF x Far_LoA	-9,80637845	-0,010	0,304
CHR7	13307177	CHR7:13307177	SSF x Far_LoA	-10,2781783	0,087	0,301
CHR7	13307230	CHR7:13307230	SSF x Far_LoA	-8,25295	-0,022	0,313
CHR7	13307324	CHR7:13307324	SSF x Far_LoA	-11,2640356	-0,051	0,301
CHR7	13307350	CHR7:13307350	SSF x Far_LoA	-8,0087097	-0,106	0,307
CHR7	13307374	CHR7:13307374	SSF x Far_LoA	-8,0203302	-0,091	0,292
CHR7	13313240	CHR7:13313240	SSF x Far_LoA	-9,48528617	0,120	0,296
CHR7	13318069	CHR7:13318069	SSF x Far_LoA	-9,38400625	-0,096	0,293
CHR7	13326191	CHR7:13326191	SSF x Far_LoA	-9,19446132	0,003	0,310
CHR7	13326219	CHR7:13326219	SSF x Far_LoA	-11,5390813	0,021	0,302
CHR7	13326230	CHR7:13326230	SSF x Far_LoA	-9,6654966	-0,016	0,305
CHR7	13326304	CHR7:13326304	SSF x Far_LoA	-7,27746506	0,157	0,293
CHR7	13326322	CHR7:13326322	SSF x Far_LoA	-9,14148606	-0,025	0,311
CHR7	13338734	CHR7:13338734	SSF x Far_LoA	3,00023045	-0,090	0,316
CHR7	13338752	CHR7:13338752	SSF x Far_LoA	-10,6462311	0,000	0,306
CHR7	13338787	CHR7:13338787	SSF x Far_LoA	-7,70919859	-0,082	0,315
CHR7	13338798	CHR7:13338798	SSF x Far_LoA	-9,33978512	-0,093	0,299
CHR7	13338820	CHR7:13338820	SSF x Far_LoA	-10,8865853	0,010	0,305
CHR7	13338924	CHR7:13338924	SSF x Far_LoA	-9,57914839	-0,053	0,316
CHR7	13338966	CHR7:13338966	SSF x Far_LoA	-8,59821759	0,088	0,291
CHR7	13338972	CHR7:13338972	SSF x Far_LoA	-9,13045567	-0,076	0,312
CHR7	13338974	CHR7:13338974	SSF x Far_LoA	-9,58194883	-0,013	0,317
CHR7	13338993	CHR7:13338993	SSF x Far_LoA	-10,5329646	-0,008	0,319
CHR7	13339056	CHR7:13339056	SSF x Far_LoA	-8,05899819	-0,090	0,317
CHR7	13339058	CHR7:13339058	SSF x Far_LoA	-7,57111811	0,132	0,308
CHR7	13346556	CHR7:13346556	SSF x Far_LoA	-9,17093522	-0,170	0,305
CHR7	13346745	CHR7:13346745	SSF x Far_LoA	-9,09167146	-0,072	0,305
CHR7	13349899	CHR7:13349899	SSF x Far_LoA	-10,3535541	-0,072	0,300
CHR7	13349974	CHR7:13349974	SSF x Far_LoA	-8,20853183	-0,092	0,309
CHR7	13350001	CHR7:13350001	SSF x Far_LoA	-8,21432656	-0,145	0,310
CHR7	13350078	CHR7:13350078	SSF x Far_LoA	-8,27200781	0,044	0,307
CHR7	13350143	CHR7:13350143	SSF x Far_LoA	-9,88998613	0,076	0,311
CHR7	13355274	CHR7:13355274	SSF x Far_LoA	-9,72238919	0,094	0,292
CHR7	13360722	CHR7:13360722	SSF x Far_LoA	-8,62090606	-0,025	0,325
CHR7	13360995	CHR7:13360995	SSF x Far_LoA	-10,1358081	-0,048	0,310
CHR7	13367523	CHR7:13367523	SSF x Far_LoA	-9,12357236	0,007	0,297
CHR7	13376313	CHR7:13376313	SSF x Far_LoA	-8,12793083	-0,101	0,299
CHR7	1337791	CHR7:1337791	SSF x Far_LoA	-8,74861503	0,093	0,322
CHR7	1337792	CHR7:1337792	SSF x Far_LoA	-10,4749915	0,083	0,314
CHR7	1337859	CHR7:1337859	SSF x Far_LoA	-10,2730635	-0,013	0,301
CHR7	13392926	CHR7:13392926	SSF x Far_LoA	-6,9607698	-0,142	0,297
CHR7	13396788	CHR7:13396788	SSF x Far_LoA	-10,5764971	0,097	0,303
CHR7	13396859	CHR7:13396859	SSF x Far_LoA	-9,68580947	0,064	0,305
CHR7	13396877	CHR7:13396877	SSF x Far_LoA	-10,5534035	-0,026	0,301
CHR7	13396896	CHR7:13396896	SSF x Far_LoA	-9,33540021	0,042	0,300
CHR7	13396900	CHR7:13396900	SSF x Far_LoA	-10,0602413	-0,036	0,303

CHR7	13402179	CHR7:13402179	SSF x Far_LoA	-8,85916904	0,141	0,307
CHR7	13402270	CHR7:13402270	SSF x Far_LoA	-8,01298501	0,128	0,304
CHR7	13402422	CHR7:13402422	SSF x Far_LoA	-9,14112934	-0,130	0,293
CHR7	13408081	CHR7:13408081	SSF x Far_LoA	-9,15774406	-0,027	0,315
CHR7	13441019	CHR7:13441019	SSF x Far_LoA	-10,8856521	0,020	0,308
CHR7	13456397	CHR7:13456397	SSF x Far_LoA	-8,22269113	0,159	0,302
CHR7	13456611	CHR7:13456611	SSF x Far_LoA	-11,2344936	0,054	0,299
CHR7	13456635	CHR7:13456635	SSF x Far_LoA	-10,2114682	-0,044	0,320
CHR7	13459504	CHR7:13459504	SSF x Far_LoA	4,68597798	-0,031	0,315
CHR7	13459508	CHR7:13459508	SSF x Far_LoA	-8,77090605	0,004	0,315
CHR7	13459509	CHR7:13459509	SSF x Far_LoA	-8,36137665	-0,123	0,293
CHR7	13462609	CHR7:13462609	SSF x Far_LoA	-7,22286847	0,112	0,308
CHR7	13462636	CHR7:13462636	SSF x Far_LoA	-10,9957046	-0,026	0,304
CHR7	13465071	CHR7:13465071	SSF x Far_LoA	-8,30567084	0,144	0,299
CHR7	13465079	CHR7:13465079	SSF x Far_LoA	-11,0390891	-0,023	0,312
CHR7	13465083	CHR7:13465083	SSF x Far_LoA	-8,72972096	0,152	0,293
CHR7	13465088	CHR7:13465088	SSF x Far_LoA	-9,06262383	0,095	0,303
CHR7	13472268	CHR7:13472268	SSF x Far_LoA	-11,2500552	-0,008	0,320
CHR7	13472269	CHR7:13472269	SSF x Far_LoA	-11,1800045	0,003	0,311
CHR7	13472271	CHR7:13472271	SSF x Far_LoA	-10,8239103	-0,029	0,303
CHR7	13474156	CHR7:13474156	SSF x Far_LoA	-10,3388071	-0,079	0,312
CHR7	13477471	CHR7:13477471	SSF x Far_LoA	-9,25171357	0,016	0,308
CHR7	13481143	CHR7:13481143	SSF x Far_LoA	-8,8996722	0,025	0,292
CHR7	13481151	CHR7:13481151	SSF x Far_LoA	-9,05489214	-0,077	0,300
CHR7	13481199	CHR7:13481199	SSF x Far_LoA	-10,5102345	-0,111	0,296
CHR7	13481225	CHR7:13481225	SSF x Far_LoA	-9,80335249	0,034	0,296
CHR7	13481226	CHR7:13481226	SSF x Far_LoA	-9,71483485	0,065	0,316
CHR7	13481227	CHR7:13481227	SSF x Far_LoA	-10,4761928	0,045	0,308
CHR7	13481264	CHR7:13481264	SSF x Far_LoA	-8,46332941	0,078	0,309
CHR7	13483531	CHR7:13483531	SSF x Far_LoA	-6,34215944	-0,074	0,318
CHR7	13483533	CHR7:13483533	SSF x Far_LoA	-7,70478612	-0,074	0,327
CHR7	13501707	CHR7:13501707	SSF x Far_LoA	-7,20789878	0,162	0,298
CHR7	13504324	CHR7:13504324	SSF x Far_LoA	-8,14470454	-0,050	0,302
CHR7	13504414	CHR7:13504414	SSF x Far_LoA	-7,85014849	0,018	0,318
CHR7	13509049	CHR7:13509049	SSF x Far_LoA	-10,6312519	-0,092	0,294
CHR7	13509058	CHR7:13509058	SSF x Far_LoA	-9,50239533	-0,089	0,306
CHR7	13509127	CHR7:13509127	SSF x Far_LoA	-7,69063257	-0,031	0,301
CHR7	13509228	CHR7:13509228	SSF x Far_LoA	-7,97243443	0,162	0,310
CHR7	13513286	CHR7:13513286	SSF x Far_LoA	-9,88623568	0,082	0,298
CHR7	13524221	CHR7:13524221	SSF x Far_LoA	-8,35281563	-0,078	0,316
CHR7	1352681	CHR7:1352681	SSF x Far_LoA	-9,32521657	-0,001	0,316
CHR7	1352686	CHR7:1352686	SSF x Far_LoA	-9,42806853	-0,060	0,307
CHR7	1352718	CHR7:1352718	SSF x Far_LoA	-7,88561478	-0,007	0,307
CHR7	1352745	CHR7:1352745	SSF x Far_LoA	-9,54639842	0,021	0,316
CHR7	1352775	CHR7:1352775	SSF x Far_LoA	-7,70719331	-0,105	0,310
CHR7	1352818	CHR7:1352818	SSF x Far_LoA	-6,42647443	0,077	0,302
CHR7	1352834	CHR7:1352834	SSF x Far_LoA	-10,6263001	-0,054	0,312
CHR7	1352848	CHR7:1352848	SSF x Far_LoA	-11,5978142	-0,050	0,307
CHR7	13538476	CHR7:13538476	SSF x Far_LoA	-8,87439936	0,087	0,313
CHR7	1353864	CHR7:1353864	SSF x Far_LoA	-11,6772874	-0,031	0,303
CHR7	1353916	CHR7:1353916	SSF x Far_LoA	-9,68953635	0,030	0,311
CHR7	13543633	CHR7:13543633	SSF x Far_LoA	-11,6221553	-0,045	0,277
CHR7	1354976	CHR7:1354976	SSF x Far_LoA	-10,3489694	-0,017	0,302

CHR7	1354977	CHR7:1354977	SSF x Far_LoA	-9,60161996	0,003	0,312
CHR7	1354979	CHR7:1354979	SSF x Far_LoA	-10,0551727	0,001	0,306
CHR7	1354980	CHR7:1354980	SSF x Far_LoA	-9,62422347	0,111	0,295
CHR7	1354983	CHR7:1354983	SSF x Far_LoA	-11,6128243	-0,068	0,299
CHR7	1354996	CHR7:1354996	SSF x Far_LoA	-9,91491192	0,051	0,304
CHR7	1355009	CHR7:1355009	SSF x Far_LoA	-10,4389976	-0,017	0,305
CHR7	1355078	CHR7:1355078	SSF x Far_LoA	-8,86350438	-0,142	0,315
CHR7	13559361	CHR7:13559361	SSF x Far_LoA	-10,0481534	-0,102	0,310
CHR7	13560139	CHR7:13560139	SSF x Far_LoA	-8,19802791	0,058	0,310
CHR7	13560145	CHR7:13560145	SSF x Far_LoA	-10,6329509	-0,006	0,311
CHR7	13576668	CHR7:13576668	SSF x Far_LoA	-10,8846076	0,096	0,299
CHR7	1358017	CHR7:1358017	SSF x Far_LoA	-11,0515332	0,020	0,301
CHR7	1358089	CHR7:1358089	SSF x Far_LoA	-10,8554493	-0,011	0,314
CHR7	1358208	CHR7:1358208	SSF x Far_LoA	-4,35543552	0,147	0,310
CHR7	13588157	CHR7:13588157	SSF x Far_LoA	-10,211616	0,111	0,307
CHR7	13607329	CHR7:13607329	SSF x Far_LoA	-11,0689238	-0,051	0,305
CHR7	13607471	CHR7:13607471	SSF x Far_LoA	-8,64283762	0,113	0,296
CHR7	13607485	CHR7:13607485	SSF x Far_LoA	-8,11706428	0,015	0,315
CHR7	13607543	CHR7:13607543	SSF x Far_LoA	-9,03878852	0,004	0,298
CHR7	13607560	CHR7:13607560	SSF x Far_LoA	-7,83559151	-0,014	0,314
CHR7	13614908	CHR7:13614908	SSF x Far_LoA	-8,21040054	0,127	0,303
CHR7	13615085	CHR7:13615085	SSF x Far_LoA	-11,1511375	-0,094	0,293
CHR7	13617142	CHR7:13617142	SSF x Far_LoA	-8,76007273	0,081	0,312
CHR7	13620665	CHR7:13620665	SSF x Far_LoA	-11,7951497	0,004	0,291
CHR7	13635158	CHR7:13635158	SSF x Far_LoA	-11,7073667	0,096	0,300
CHR7	13635193	CHR7:13635193	SSF x Far_LoA	-11,302865	0,006	0,291
CHR7	13635331	CHR7:13635331	SSF x Far_LoA	-7,95455852	0,027	0,319
CHR7	13635356	CHR7:13635356	SSF x Far_LoA	-8,76633325	0,018	0,320
CHR7	13635382	CHR7:13635382	SSF x Far_LoA	-4,20189217	0,007	0,311
CHR7	13635399	CHR7:13635399	SSF x Far_LoA	-8,85442858	-0,021	0,304
CHR7	13638812	CHR7:13638812	SSF x Far_LoA	-5,58714159	-0,140	0,309
CHR7	13638838	CHR7:13638838	SSF x Far_LoA	-2,88375732	0,224	0,294
CHR7	13639234	CHR7:13639234	SSF x Far_LoA	-10,1871767	-0,041	0,294
CHR7	13642369	CHR7:13642369	SSF x Far_LoA	-10,3863874	0,000	0,299
CHR7	13642370	CHR7:13642370	SSF x Far_LoA	-7,52765192	-0,163	0,304
CHR7	13644994	CHR7:13644994	SSF x Far_LoA	-11,0119374	0,069	0,303
CHR7	13645041	CHR7:13645041	SSF x Far_LoA	-5,81553895	-0,085	0,298
CHR7	13645105	CHR7:13645105	SSF x Far_LoA	-10,8089141	0,072	0,287
CHR7	1364922	CHR7:1364922	SSF x Far_LoA	-8,04410915	0,141	0,303
CHR7	13649349	CHR7:13649349	SSF x Far_LoA	-9,78607322	-0,031	0,300
CHR7	13649473	CHR7:13649473	SSF x Far_LoA	-6,50307663	0,048	0,309
CHR7	1364975	CHR7:1364975	SSF x Far_LoA	-5,51495227	0,135	0,300
CHR7	13668927	CHR7:13668927	SSF x Far_LoA	-8,13723087	-0,023	0,310
CHR7	13677162	CHR7:13677162	SSF x Far_LoA	-9,96069503	0,079	0,291
CHR7	13679976	CHR7:13679976	SSF x Far_LoA	-9,17722576	0,096	0,303
CHR7	13689013	CHR7:13689013	SSF x Far_LoA	-7,99741738	-0,151	0,303
CHR7	13690396	CHR7:13690396	SSF x Far_LoA	-11,1838498	0,040	0,303
CHR7	13690475	CHR7:13690475	SSF x Far_LoA	-8,64481534	0,016	0,316
CHR7	13693772	CHR7:13693772	SSF x Far_LoA	-9,05837854	-0,123	0,300
CHR7	13693816	CHR7:13693816	SSF x Far_LoA	-8,48036093	-0,077	0,316
CHR7	13695407	CHR7:13695407	SSF x Far_LoA	-10,3537459	-0,023	0,301
CHR7	13695428	CHR7:13695428	SSF x Far_LoA	-9,20614208	-0,083	0,292
CHR7	13695518	CHR7:13695518	SSF x Far_LoA	-7,6941612	-0,010	0,314

CHR7	13696905	CHR7:13696905	SSF x Far_LoA	-11,6376797	0,035	0,316
CHR7	13696961	CHR7:13696961	SSF x Far_LoA	-8,79125469	-0,050	0,299
CHR7	13696964	CHR7:13696964	SSF x Far_LoA	-11,5375814	-0,014	0,304
CHR7	13702567	CHR7:13702567	SSF x Far_LoA	-10,1614167	0,031	0,307
CHR7	13702710	CHR7:13702710	SSF x Far_LoA	-10,7951424	-0,043	0,299
CHR7	13702750	CHR7:13702750	SSF x Far_LoA	-9,32260905	-0,081	0,305
CHR7	13702765	CHR7:13702765	SSF x Far_LoA	-11,2424709	-0,080	0,304
CHR7	13702832	CHR7:13702832	SSF x Far_LoA	-10,7974276	0,040	0,299
CHR7	13702833	CHR7:13702833	SSF x Far_LoA	-10,5518964	-0,038	0,309
CHR7	13710111	CHR7:13710111	SSF x Far_LoA	-8,82937388	-0,042	0,308
CHR7	13710135	CHR7:13710135	SSF x Far_LoA	-9,14152028	0,052	0,303
CHR7	13710163	CHR7:13710163	SSF x Far_LoA	-9,81070491	0,030	0,300
CHR7	13710177	CHR7:13710177	SSF x Far_LoA	-4,84337692	-0,109	0,303
CHR7	13710188	CHR7:13710188	SSF x Far_LoA	-9,51581495	0,123	0,296
CHR7	13710240	CHR7:13710240	SSF x Far_LoA	-8,82705252	-0,065	0,322
CHR7	13710259	CHR7:13710259	SSF x Far_LoA	-8,41776901	-0,070	0,305
CHR7	13710284	CHR7:13710284	SSF x Far_LoA	-9,43211486	0,054	0,302
CHR7	13717015	CHR7:13717015	SSF x Far_LoA	-8,48569174	0,007	0,319
CHR7	13725107	CHR7:13725107	SSF x Far_LoA	-5,66930382	0,055	0,307
CHR7	13726026	CHR7:13726026	SSF x Far_LoA	-6,900799	-0,113	0,304
CHR7	13726137	CHR7:13726137	SSF x Far_LoA	-7,18959269	0,050	0,293
CHR7	13729152	CHR7:13729152	SSF x Far_LoA	-8,57932837	-0,123	0,315
CHR7	13729154	CHR7:13729154	SSF x Far_LoA	-10,2240732	-0,133	0,303
CHR7	13729155	CHR7:13729155	SSF x Far_LoA	-8,90539707	-0,130	0,307
CHR7	13729183	CHR7:13729183	SSF x Far_LoA	-11,4937418	0,039	0,295
CHR7	13729234	CHR7:13729234	SSF x Far_LoA	-9,06878665	0,122	0,290
CHR7	13729342	CHR7:13729342	SSF x Far_LoA	-9,12058861	0,086	0,287
CHR7	13749301	CHR7:13749301	SSF x Far_LoA	-9,53063986	-0,082	0,314
CHR7	13750705	CHR7:13750705	SSF x Far_LoA	-7,90793693	0,013	0,314
CHR7	13750727	CHR7:13750727	SSF x Far_LoA	-8,02702613	-0,059	0,290
CHR7	13750739	CHR7:13750739	SSF x Far_LoA	-10,141418	0,015	0,298
CHR7	1376048	CHR7:1376048	SSF x Far_LoA	-10,0007862	-0,034	0,314
CHR7	1376097	CHR7:1376097	SSF x Far_LoA	-9,64533981	0,043	0,309
CHR7	1376136	CHR7:1376136	SSF x Far_LoA	8,2811107	0,149	0,299
CHR7	1376137	CHR7:1376137	SSF x Far_LoA	-8,11212577	0,177	0,293
CHR7	1376192	CHR7:1376192	SSF x Far_LoA	-7,12049097	0,103	0,302
CHR7	1376194	CHR7:1376194	SSF x Far_LoA	-9,08878546	0,130	0,292
CHR7	1376206	CHR7:1376206	SSF x Far_LoA	-8,56539412	0,180	0,304
CHR7	1376208	CHR7:1376208	SSF x Far_LoA	-7,6090558	0,162	0,290
CHR7	1376226	CHR7:1376226	SSF x Far_LoA	-12,0873261	0,005	0,290
CHR7	13765922	CHR7:13765922	SSF x Far_LoA	-11,6595856	0,005	0,306
CHR7	13766041	CHR7:13766041	SSF x Far_LoA	-9,13451146	0,050	0,308
CHR7	13766101	CHR7:13766101	SSF x Far_LoA	-9,75915768	0,067	0,310
CHR7	13766118	CHR7:13766118	SSF x Far_LoA	-6,18226206	0,014	0,312
CHR7	13766130	CHR7:13766130	SSF x Far_LoA	-9,69273346	0,020	0,297
CHR7	13766193	CHR7:13766193	SSF x Far_LoA	-8,9399611	0,051	0,304
CHR7	13773716	CHR7:13773716	SSF x Far_LoA	-4,7293265	-0,031	0,304
CHR7	13773767	CHR7:13773767	SSF x Far_LoA	-8,29812698	0,042	0,298
CHR7	13781294	CHR7:13781294	SSF x Far_LoA	-8,49039978	-0,149	0,311
CHR7	13784475	CHR7:13784475	SSF x Far_LoA	-10,411227	-0,054	0,305
CHR7	13788929	CHR7:13788929	SSF x Far_LoA	-7,73224762	-0,043	0,319
CHR7	13788961	CHR7:13788961	SSF x Far_LoA	-8,96481828	-0,022	0,301
CHR7	13789041	CHR7:13789041	SSF x Far_LoA	-11,3042853	-0,020	0,317

CHR7	13798560	CHR7:13798560	SSF x Far_LoA	-9,01919785	0,078	0,305
CHR7	13802971	CHR7:13802971	SSF x Far_LoA	-9,86641226	0,034	0,304
CHR7	13802979	CHR7:13802979	SSF x Far_LoA	-10,5201914	0,000	0,296
CHR7	13805846	CHR7:13805846	SSF x Far_LoA	-8,66115201	-0,032	0,308
CHR7	13805897	CHR7:13805897	SSF x Far_LoA	-9,08312375	0,067	0,310
CHR7	13807517	CHR7:13807517	SSF x Far_LoA	-6,7619322	0,164	0,298
CHR7	13807525	CHR7:13807525	SSF x Far_LoA	-5,80806794	0,122	0,299
CHR7	13807547	CHR7:13807547	SSF x Far_LoA	-10,612253	-0,097	0,303
CHR7	13807745	CHR7:13807745	SSF x Far_LoA	-11,152034	0,011	0,311
CHR7	13811953	CHR7:13811953	SSF x Far_LoA	-8,03890878	0,025	0,321
CHR7	13811973	CHR7:13811973	SSF x Far_LoA	-11,2406304	-0,015	0,308
CHR7	13813709	CHR7:13813709	SSF x Far_LoA	-7,2363352	-0,077	0,314
CHR7	13813734	CHR7:13813734	SSF x Far_LoA	-8,82103586	-0,102	0,301
CHR7	13813743	CHR7:13813743	SSF x Far_LoA	-10,1193016	-0,013	0,313
CHR7	13813805	CHR7:13813805	SSF x Far_LoA	-9,74183776	-0,003	0,308
CHR7	13813912	CHR7:13813912	SSF x Far_LoA	-8,55541473	-0,039	0,315
CHR7	13813923	CHR7:13813923	SSF x Far_LoA	-10,1862649	-0,023	0,307
CHR7	13816852	CHR7:13816852	SSF x Far_LoA	-9,46777698	0,134	0,307
CHR7	13818432	CHR7:13818432	SSF x Far_LoA	3,00785145	-0,008	0,306
CHR7	13818612	CHR7:13818612	SSF x Far_LoA	-10,9730217	-0,071	0,311
CHR7	13818690	CHR7:13818690	SSF x Far_LoA	-10,2983913	-0,055	0,309
CHR7	13823105	CHR7:13823105	SSF x Far_LoA	-12,2530021	-0,023	0,304
CHR7	13823163	CHR7:13823163	SSF x Far_LoA	-6,05954437	-0,048	0,298
CHR7	13823197	CHR7:13823197	SSF x Far_LoA	-11,1769311	-0,050	0,306
CHR7	13844151	CHR7:13844151	SSF x Far_LoA	-9,92120753	0,043	0,294
CHR7	13844506	CHR7:13844506	SSF x Far_LoA	-7,50327716	0,080	0,311
CHR7	13844576	CHR7:13844576	SSF x Far_LoA	-9,46895902	-0,017	0,289
CHR7	13864168	CHR7:13864168	SSF x Far_LoA	-9,77764976	-0,030	0,312
CHR7	13864250	CHR7:13864250	SSF x Far_LoA	-10,7192921	-0,068	0,318
CHR7	13885065	CHR7:13885065	SSF x Far_LoA	-11,6811398	0,010	0,308
CHR7	13885092	CHR7:13885092	SSF x Far_LoA	-8,61558958	0,017	0,308
CHR7	13885120	CHR7:13885120	SSF x Far_LoA	-8,58128036	-0,011	0,303
CHR7	13885173	CHR7:13885173	SSF x Far_LoA	-9,46339852	0,111	0,311
CHR7	13889863	CHR7:13889863	SSF x Far_LoA	-9,77015739	0,072	0,301
CHR7	13895217	CHR7:13895217	SSF x Far_LoA	-8,1468643	0,036	0,298
CHR7	13897428	CHR7:13897428	SSF x Far_LoA	-8,06714172	0,150	0,301
CHR7	13897430	CHR7:13897430	SSF x Far_LoA	-9,38001965	-0,013	0,297
CHR7	13897431	CHR7:13897431	SSF x Far_LoA	-9,75723059	0,061	0,309
CHR7	13908123	CHR7:13908123	SSF x Far_LoA	-10,8313541	0,126	0,298
CHR7	13908292	CHR7:13908292	SSF x Far_LoA	-8,19232988	-0,029	0,313
CHR7	13908324	CHR7:13908324	SSF x Far_LoA	-10,5485693	-0,061	0,297
CHR7	13916469	CHR7:13916469	SSF x Far_LoA	-8,42677543	-0,089	0,321
CHR7	13918150	CHR7:13918150	SSF x Far_LoA	-8,91864883	-0,108	0,310
CHR7	13919954	CHR7:13919954	SSF x Far_LoA	-10,0807522	-0,009	0,315
CHR7	13923818	CHR7:13923818	SSF x Far_LoA	-6,18050751	0,028	0,318
CHR7	13924194	CHR7:13924194	SSF x Far_LoA	-9,04410531	-0,098	0,302
CHR7	13924203	CHR7:13924203	SSF x Far_LoA	-9,05580475	-0,112	0,312
CHR7	1392474	CHR7:1392474	SSF x Far_LoA	-8,89502582	-0,013	0,307
CHR7	13929616	CHR7:13929616	SSF x Far_LoA	-9,86392587	-0,028	0,316
CHR7	13929773	CHR7:13929773	SSF x Far_LoA	-11,4092742	-0,026	0,308
CHR7	13932837	CHR7:13932837	SSF x Far_LoA	-6,48954591	0,114	0,298
CHR7	13932872	CHR7:13932872	SSF x Far_LoA	-8,58765352	0,127	0,310
CHR7	13932897	CHR7:13932897	SSF x Far_LoA	-7,24782144	-0,075	0,313

CHR7	13932982	CHR7:13932982	SSF x Far_LoA	-9,69023668	0,024	0,285
CHR7	13933007	CHR7:13933007	SSF x Far_LoA	-7,64950499	-0,122	0,292
CHR7	13933011	CHR7:13933011	SSF x Far_LoA	-7,23401522	-0,042	0,309
CHR7	13933107	CHR7:13933107	SSF x Far_LoA	-8,52292481	0,040	0,313
CHR7	13933138	CHR7:13933138	SSF x Far_LoA	-8,57698447	-0,013	0,316
CHR7	13933157	CHR7:13933157	SSF x Far_LoA	-6,1694182	0,010	0,313
CHR7	13933161	CHR7:13933161	SSF x Far_LoA	-11,0336781	0,005	0,318
CHR7	13939249	CHR7:13939249	SSF x Far_LoA	-9,41328207	-0,061	0,301
CHR7	13946176	CHR7:13946176	SSF x Far_LoA	-5,73896166	-0,123	0,290
CHR7	13946184	CHR7:13946184	SSF x Far_LoA	-9,16899825	0,017	0,297
CHR7	13946188	CHR7:13946188	SSF x Far_LoA	-9,19307501	0,098	0,307
CHR7	13946246	CHR7:13946246	SSF x Far_LoA	-7,99571762	-0,122	0,311
CHR7	13946255	CHR7:13946255	SSF x Far_LoA	-7,48961051	0,054	0,313
CHR7	13946271	CHR7:13946271	SSF x Far_LoA	-9,6931983	0,013	0,311
CHR7	13948923	CHR7:13948923	SSF x Far_LoA	-8,06845216	-0,051	0,307
CHR7	13948937	CHR7:13948937	SSF x Far_LoA	-8,72915331	-0,049	0,303
CHR7	13952697	CHR7:13952697	SSF x Far_LoA	-9,57120074	0,012	0,314
CHR7	13952808	CHR7:13952808	SSF x Far_LoA	-8,85258943	0,065	0,311
CHR7	13952925	CHR7:13952925	SSF x Far_LoA	-10,0525484	0,022	0,293
CHR7	13952928	CHR7:13952928	SSF x Far_LoA	-10,1559959	-0,066	0,312
CHR7	13955637	CHR7:13955637	SSF x Far_LoA	-10,5161963	0,072	0,307
CHR7	13955652	CHR7:13955652	SSF x Far_LoA	-7,18847632	0,047	0,300
CHR7	13955667	CHR7:13955667	SSF x Far_LoA	-6,73886278	0,130	0,287
CHR7	13955687	CHR7:13955687	SSF x Far_LoA	-11,0034361	-0,046	0,298
CHR7	13955699	CHR7:13955699	SSF x Far_LoA	-10,2411766	-0,086	0,276
CHR7	13955728	CHR7:13955728	SSF x Far_LoA	-7,53034167	0,039	0,308
CHR7	13957930	CHR7:13957930	SSF x Far_LoA	-8,36199956	0,005	0,313
CHR7	13957940	CHR7:13957940	SSF x Far_LoA	-8,9808344	0,149	0,298
CHR7	13957952	CHR7:13957952	SSF x Far_LoA	-10,2434156	0,004	0,317
CHR7	13957959	CHR7:13957959	SSF x Far_LoA	-11,0892829	-0,097	0,306
CHR7	13960182	CHR7:13960182	SSF x Far_LoA	-7,47052557	0,131	0,299
CHR7	13960302	CHR7:13960302	SSF x Far_LoA	-8,03851334	0,109	0,303
CHR7	13960310	CHR7:13960310	SSF x Far_LoA	-6,6829525	0,151	0,297
CHR7	13973574	CHR7:13973574	SSF x Far_LoA	-8,45566594	-0,109	0,302
CHR7	13973578	CHR7:13973578	SSF x Far_LoA	-9,18169137	-0,103	0,310
CHR7	13973591	CHR7:13973591	SSF x Far_LoA	-7,21316741	0,156	0,301
CHR7	13975725	CHR7:13975725	SSF x Far_LoA	-4,33283365	0,136	0,300
CHR7	13975829	CHR7:13975829	SSF x Far_LoA	-8,24140943	0,119	0,294
CHR7	13978705	CHR7:13978705	SSF x Far_LoA	-8,6405665	0,031	0,317
CHR7	13978858	CHR7:13978858	SSF x Far_LoA	-9,37715956	0,085	0,303
CHR7	13978881	CHR7:13978881	SSF x Far_LoA	-7,05842699	-0,051	0,296
CHR7	13978939	CHR7:13978939	SSF x Far_LoA	-8,3412968	-0,006	0,321
CHR7	13978961	CHR7:13978961	SSF x Far_LoA	-12,1817066	0,026	0,301
CHR7	13978964	CHR7:13978964	SSF x Far_LoA	-11,3610047	-0,040	0,299
CHR7	13991908	CHR7:13991908	SSF x Far_LoA	-9,01458732	0,034	0,299
CHR7	13991966	CHR7:13991966	SSF x Far_LoA	-10,2270625	0,017	0,318
CHR7	14009467	CHR7:14009467	SSF x Far_LoA	-8,23519965	-0,057	0,324
CHR7	14015528	CHR7:14015528	SSF x Far_LoA	-9,10466426	0,032	0,295
CHR7	14015571	CHR7:14015571	SSF x Far_LoA	-11,0728765	0,052	0,288
CHR7	14015772	CHR7:14015772	SSF x Far_LoA	-9,44132759	-0,012	0,298
CHR7	1402934	CHR7:1402934	SSF x Far_LoA	-10,038364	0,103	0,301
CHR7	14030468	CHR7:14030468	SSF x Far_LoA	-10,5229895	-0,111	0,305
CHR7	14030514	CHR7:14030514	SSF x Far_LoA	-9,52671294	0,232	0,279

CHR7	14030581	CHR7:14030581	SSF x Far_LoA	-8,28539831	-0,106	0,308
CHR7	14041588	CHR7:14041588	SSF x Far_LoA	-9,63319983	0,044	0,316
CHR7	14041643	CHR7:14041643	SSF x Far_LoA	-9,96681064	0,019	0,314
CHR7	14041773	CHR7:14041773	SSF x Far_LoA	-9,6339195	0,008	0,298
CHR7	14058409	CHR7:14058409	SSF x Far_LoA	-11,8349247	-0,052	0,292
CHR7	14058415	CHR7:14058415	SSF x Far_LoA	-10,4413261	0,031	0,319
CHR7	14058591	CHR7:14058591	SSF x Far_LoA	-8,70699967	0,019	0,300
CHR7	14058648	CHR7:14058648	SSF x Far_LoA	-9,7913885	-0,031	0,304
CHR7	14058671	CHR7:14058671	SSF x Far_LoA	-4,96864341	0,076	0,306
CHR7	14058673	CHR7:14058673	SSF x Far_LoA	-9,32792622	-0,021	0,308
CHR7	14058674	CHR7:14058674	SSF x Far_LoA	-9,08196382	0,025	0,319
CHR7	14058675	CHR7:14058675	SSF x Far_LoA	-6,67686667	0,160	0,302
CHR7	14071976	CHR7:14071976	SSF x Far_LoA	-8,70160134	-0,128	0,303
CHR7	14072049	CHR7:14072049	SSF x Far_LoA	-8,94491386	0,006	0,311
CHR7	14072079	CHR7:14072079	SSF x Far_LoA	-9,48609154	0,056	0,306
CHR7	14073474	CHR7:14073474	SSF x Far_LoA	-9,11440257	0,023	0,310
CHR7	14073521	CHR7:14073521	SSF x Far_LoA	-12,0414463	-0,068	0,315
CHR7	14092132	CHR7:14092132	SSF x Far_LoA	-11,256586	-0,010	0,311
CHR7	14092588	CHR7:14092588	SSF x Far_LoA	-9,3712457	0,044	0,312
CHR7	1409660	CHR7:1409660	SSF x Far_LoA	-8,34208218	-0,108	0,317
CHR7	1409670	CHR7:1409670	SSF x Far_LoA	-11,7643903	-0,036	0,295
CHR7	14100425	CHR7:14100425	SSF x Far_LoA	-7,8568874	0,126	0,299
CHR7	14110373	CHR7:14110373	SSF x Far_LoA	-10,9082607	0,103	0,299
CHR7	14110483	CHR7:14110483	SSF x Far_LoA	-9,85581715	0,208	0,288
CHR7	14110597	CHR7:14110597	SSF x Far_LoA	-7,95718573	-0,001	0,307
CHR7	14114321	CHR7:14114321	SSF x Far_LoA	-8,01908907	0,067	0,311
CHR7	14114385	CHR7:14114385	SSF x Far_LoA	-9,96284328	-0,005	0,317
CHR7	14114509	CHR7:14114509	SSF x Far_LoA	-10,1699317	0,018	0,316
CHR7	14114599	CHR7:14114599	SSF x Far_LoA	-10,3648245	0,060	0,294
CHR7	14120886	CHR7:14120886	SSF x Far_LoA	-8,96303226	0,006	0,317
CHR7	14120901	CHR7:14120901	SSF x Far_LoA	-10,2629115	0,076	0,310
CHR7	14120904	CHR7:14120904	SSF x Far_LoA	-11,3077084	0,023	0,307
CHR7	14120923	CHR7:14120923	SSF x Far_LoA	-8,87604637	0,039	0,309
CHR7	14121399	CHR7:14121399	SSF x Far_LoA	-8,90057254	-0,062	0,300
CHR7	14121438	CHR7:14121438	SSF x Far_LoA	-9,04022905	0,030	0,311
CHR7	14121462	CHR7:14121462	SSF x Far_LoA	-6,66522746	0,192	0,289
CHR7	14121475	CHR7:14121475	SSF x Far_LoA	-6,70623966	0,194	0,296
CHR7	14128736	CHR7:14128736	SSF x Far_LoA	-8,6313636	-0,168	0,290
CHR7	14129043	CHR7:14129043	SSF x Far_LoA	-9,39354061	-0,188	0,301
CHR7	1414190	CHR7:1414190	SSF x Far_LoA	-12,0894143	-0,072	0,303
CHR7	14142857	CHR7:14142857	SSF x Far_LoA	-7,51677094	-0,109	0,309
CHR7	14160154	CHR7:14160154	SSF x Far_LoA	-10,3302305	-0,067	0,304
CHR7	14161477	CHR7:14161477	SSF x Far_LoA	-8,76519164	-0,049	0,295
CHR7	14161496	CHR7:14161496	SSF x Far_LoA	-8,16207675	-0,118	0,305
CHR7	14161521	CHR7:14161521	SSF x Far_LoA	-9,43944267	-0,106	0,300
CHR7	14162885	CHR7:14162885	SSF x Far_LoA	-5,8955252	0,188	0,299
CHR7	14165500	CHR7:14165500	SSF x Far_LoA	-6,62714696	0,109	0,301
CHR7	14165529	CHR7:14165529	SSF x Far_LoA	-4,32687469	0,060	0,308
CHR7	14168264	CHR7:14168264	SSF x Far_LoA	-9,75924799	0,006	0,300
CHR7	14168444	CHR7:14168444	SSF x Far_LoA	-10,4326811	0,077	0,299
CHR7	14168532	CHR7:14168532	SSF x Far_LoA	-9,18174157	0,121	0,301
CHR7	14170976	CHR7:14170976	SSF x Far_LoA	-10,2317784	-0,053	0,300
CHR7	14171173	CHR7:14171173	SSF x Far_LoA	-9,34120176	0,108	0,300

CHR7	14176081	CHR7:14176081	SSF x Far_LoA	-8,69759279	-0,066	0,307
CHR7	14179893	CHR7:14179893	SSF x Far_LoA	-10,5224504	-0,090	0,299
CHR7	14179936	CHR7:14179936	SSF x Far_LoA	-6,31935217	-0,040	0,314
CHR7	14179951	CHR7:14179951	SSF x Far_LoA	-10,3960656	-0,087	0,300
CHR7	14184820	CHR7:14184820	SSF x Far_LoA	-10,4579784	-0,007	0,295
CHR7	14184841	CHR7:14184841	SSF x Far_LoA	-10,4287819	0,036	0,310
CHR7	14191563	CHR7:14191563	SSF x Far_LoA	-7,73129067	-0,133	0,288
CHR7	14191568	CHR7:14191568	SSF x Far_LoA	-8,99480967	0,081	0,304
CHR7	14191600	CHR7:14191600	SSF x Far_LoA	-2,71068888	0,090	0,299
CHR7	14191604	CHR7:14191604	SSF x Far_LoA	-6,91540082	0,090	0,297
CHR7	14191606	CHR7:14191606	SSF x Far_LoA	-8,61972957	0,012	0,300
CHR7	14191617	CHR7:14191617	SSF x Far_LoA	-9,39602872	0,071	0,305
CHR7	14191659	CHR7:14191659	SSF x Far_LoA	-0,40568353	0,013	0,301
CHR7	14202375	CHR7:14202375	SSF x Far_LoA	-7,53327456	-0,080	0,315
CHR7	14207983	CHR7:14207983	SSF x Far_LoA	-11,4364005	0,051	0,311
CHR7	14208021	CHR7:14208021	SSF x Far_LoA	-6,4909252	0,153	0,303
CHR7	14208040	CHR7:14208040	SSF x Far_LoA	-12,195186	0,031	0,304
CHR7	14213312	CHR7:14213312	SSF x Far_LoA	-10,8473031	0,057	0,313
CHR7	14213327	CHR7:14213327	SSF x Far_LoA	-11,2206325	0,052	0,300
CHR7	14218459	CHR7:14218459	SSF x Far_LoA	-8,02102206	0,064	0,309
CHR7	14218467	CHR7:14218467	SSF x Far_LoA	-8,81059408	0,066	0,303
CHR7	14218503	CHR7:14218503	SSF x Far_LoA	-8,79347123	0,088	0,314
CHR7	14218538	CHR7:14218538	SSF x Far_LoA	-8,12862919	0,036	0,314
CHR7	14218553	CHR7:14218553	SSF x Far_LoA	-6,78523513	-0,030	0,305
CHR7	14218676	CHR7:14218676	SSF x Far_LoA	-7,61235089	-0,072	0,310
CHR7	14218677	CHR7:14218677	SSF x Far_LoA	-9,74568992	-0,071	0,295
CHR7	14218685	CHR7:14218685	SSF x Far_LoA	-9,0482663	0,087	0,298
CHR7	14218769	CHR7:14218769	SSF x Far_LoA	-9,00726007	0,014	0,318
CHR7	14218776	CHR7:14218776	SSF x Far_LoA	-8,95799419	0,019	0,306
CHR7	1422042	CHR7:1422042	SSF x Far_LoA	-10,7889935	0,018	0,314
CHR7	1422077	CHR7:1422077	SSF x Far_LoA	-11,2325228	0,065	0,313
CHR7	14224861	CHR7:14224861	SSF x Far_LoA	-5,01064663	-0,069	0,310
CHR7	14224938	CHR7:14224938	SSF x Far_LoA	-7,76524332	-0,053	0,312
CHR7	14224949	CHR7:14224949	SSF x Far_LoA	-8,32460583	-0,068	0,305
CHR7	14225007	CHR7:14225007	SSF x Far_LoA	-9,35090106	-0,009	0,304
CHR7	14235087	CHR7:14235087	SSF x Far_LoA	-6,30721393	-0,087	0,293
CHR7	14235255	CHR7:14235255	SSF x Far_LoA	-8,33783704	0,097	0,301
CHR7	14238292	CHR7:14238292	SSF x Far_LoA	-11,8354091	-0,059	0,302
CHR7	14238438	CHR7:14238438	SSF x Far_LoA	-9,96170384	0,004	0,300
CHR7	14238494	CHR7:14238494	SSF x Far_LoA	-10,0739594	-0,014	0,302
CHR7	14238551	CHR7:14238551	SSF x Far_LoA	-8,8390371	-0,065	0,297
CHR7	1425236	CHR7:1425236	SSF x Far_LoA	-10,7257218	0,020	0,311
CHR7	1425316	CHR7:1425316	SSF x Far_LoA	-10,5971674	0,027	0,303
CHR7	1425457	CHR7:1425457	SSF x Far_LoA	-8,16108983	0,027	0,317
CHR7	1425601	CHR7:1425601	SSF x Far_LoA	-9,93191158	-0,099	0,308
CHR7	14260935	CHR7:14260935	SSF x Far_LoA	-8,94592315	0,079	0,306
CHR7	14260949	CHR7:14260949	SSF x Far_LoA	-8,55143016	-0,077	0,309
CHR7	14260960	CHR7:14260960	SSF x Far_LoA	-10,4723127	0,071	0,308
CHR7	14261012	CHR7:14261012	SSF x Far_LoA	-10,5484513	-0,041	0,317
CHR7	14261021	CHR7:14261021	SSF x Far_LoA	-8,14716615	-0,091	0,307
CHR7	14261031	CHR7:14261031	SSF x Far_LoA	-10,2382514	0,132	0,295
CHR7	14261036	CHR7:14261036	SSF x Far_LoA	-10,2198196	-0,005	0,304
CHR7	14261044	CHR7:14261044	SSF x Far_LoA	-7,78671529	-0,135	0,296

CHR7	14261048	CHR7:14261048	SSF x Far_LoA	-11,4921214	-0,017	0,318
CHR7	14261134	CHR7:14261134	SSF x Far_LoA	-9,34551847	-0,011	0,306
CHR7	14261143	CHR7:14261143	SSF x Far_LoA	-8,78744818	0,069	0,315
CHR7	14261181	CHR7:14261181	SSF x Far_LoA	-8,92071478	0,125	0,296
CHR7	14261216	CHR7:14261216	SSF x Far_LoA	-12,5569649	0,074	0,291
CHR7	1427891	CHR7:1427891	SSF x Far_LoA	-9,87221303	-0,047	0,297
CHR7	14279294	CHR7:14279294	SSF x Far_LoA	-9,27087525	0,039	0,316
CHR7	14279310	CHR7:14279310	SSF x Far_LoA	-8,06124119	-0,078	0,304
CHR7	14285068	CHR7:14285068	SSF x Far_LoA	-9,94247161	0,020	0,318
CHR7	14292436	CHR7:14292436	SSF x Far_LoA	-8,00118107	0,102	0,311
CHR7	14292465	CHR7:14292465	SSF x Far_LoA	-9,56781497	0,158	0,310
CHR7	14292548	CHR7:14292548	SSF x Far_LoA	-5,23277109	-0,166	0,289
CHR7	14293433	CHR7:14293433	SSF x Far_LoA	-7,13940364	-0,111	0,303
CHR7	14293464	CHR7:14293464	SSF x Far_LoA	-7,72307015	-0,043	0,314
CHR7	14295039	CHR7:14295039	SSF x Far_LoA	-10,186313	0,002	0,314
CHR7	14295046	CHR7:14295046	SSF x Far_LoA	-6,7832804	0,044	0,302
CHR7	14295053	CHR7:14295053	SSF x Far_LoA	-11,0488148	0,003	0,309
CHR7	14295054	CHR7:14295054	SSF x Far_LoA	-8,76224397	0,064	0,306
CHR7	1430089	CHR7:1430089	SSF x Far_LoA	-8,92587399	0,059	0,296
CHR7	1430134	CHR7:1430134	SSF x Far_LoA	-10,0466119	0,111	0,292
CHR7	1430138	CHR7:1430138	SSF x Far_LoA	-10,4335647	0,004	0,295
CHR7	1430213	CHR7:1430213	SSF x Far_LoA	-7,66231572	0,035	0,312
CHR7	1430253	CHR7:1430253	SSF x Far_LoA	-10,0562815	0,024	0,296
CHR7	1430303	CHR7:1430303	SSF x Far_LoA	-8,18705194	0,072	0,305
CHR7	1430312	CHR7:1430312	SSF x Far_LoA	-11,1071253	0,010	0,325
CHR7	1430334	CHR7:1430334	SSF x Far_LoA	-8,80425341	0,017	0,320
CHR7	1430337	CHR7:1430337	SSF x Far_LoA	-9,66607547	-0,001	0,295
CHR7	14304624	CHR7:14304624	SSF x Far_LoA	-9,85583138	-0,005	0,298
CHR7	14304657	CHR7:14304657	SSF x Far_LoA	-9,70930742	-0,073	0,306
CHR7	14325390	CHR7:14325390	SSF x Far_LoA	-9,81103213	-0,029	0,314
CHR7	14334392	CHR7:14334392	SSF x Far_LoA	-10,3082297	-0,029	0,299
CHR7	14337327	CHR7:14337327	SSF x Far_LoA	-7,04068101	0,008	0,305
CHR7	1434427	CHR7:1434427	SSF x Far_LoA	-9,12643097	0,022	0,319
CHR7	14344396	CHR7:14344396	SSF x Far_LoA	-9,11745921	0,044	0,308
CHR7	1434451	CHR7:1434451	SSF x Far_LoA	-8,72519039	-0,146	0,300
CHR7	14349620	CHR7:14349620	SSF x Far_LoA	-8,97520097	-0,020	0,292
CHR7	14349684	CHR7:14349684	SSF x Far_LoA	-7,72764872	-0,151	0,286
CHR7	14349717	CHR7:14349717	SSF x Far_LoA	-9,70833491	0,120	0,320
CHR7	14356844	CHR7:14356844	SSF x Far_LoA	-6,71644514	0,091	0,297
CHR7	14356845	CHR7:14356845	SSF x Far_LoA	-8,21836721	0,085	0,288
CHR7	14367983	CHR7:14367983	SSF x Far_LoA	-1,14172788	0,194	0,288
CHR7	14368171	CHR7:14368171	SSF x Far_LoA	-10,5125455	0,058	0,293
CHR7	14383538	CHR7:14383538	SSF x Far_LoA	-9,43858764	0,002	0,294
CHR7	14383553	CHR7:14383553	SSF x Far_LoA	-9,56747432	0,050	0,299
CHR7	14383559	CHR7:14383559	SSF x Far_LoA	-12,2447985	-0,057	0,300
CHR7	14383561	CHR7:14383561	SSF x Far_LoA	-8,30939855	0,012	0,318
CHR7	14383568	CHR7:14383568	SSF x Far_LoA	-8,11743472	-0,056	0,318
CHR7	14387410	CHR7:14387410	SSF x Far_LoA	-11,2190181	0,020	0,301
CHR7	14387427	CHR7:14387427	SSF x Far_LoA	-9,92189384	0,071	0,293
CHR7	14388291	CHR7:14388291	SSF x Far_LoA	-9,51795823	0,084	0,313
CHR7	14388310	CHR7:14388310	SSF x Far_LoA	-9,32510179	-0,039	0,314
CHR7	14394966	CHR7:14394966	SSF x Far_LoA	-9,58856099	0,004	0,305
CHR7	14396431	CHR7:14396431	SSF x Far_LoA	-7,4110307	0,105	0,315

CHR7	14396511	CHR7:14396511	SSF x Far_LoA	-6,6232697	0,048	0,307
CHR7	14396526	CHR7:14396526	SSF x Far_LoA	-11,2951465	-0,037	0,324
CHR7	14396559	CHR7:14396559	SSF x Far_LoA	-8,12726124	-0,042	0,314
CHR7	14396585	CHR7:14396585	SSF x Far_LoA	-7,78762222	-0,169	0,309
CHR7	14396603	CHR7:14396603	SSF x Far_LoA	-10,1967608	-0,058	0,293
CHR7	14396605	CHR7:14396605	SSF x Far_LoA	-11,4903559	0,067	0,304
CHR7	14396625	CHR7:14396625	SSF x Far_LoA	-10,9148413	0,009	0,315
CHR7	14396659	CHR7:14396659	SSF x Far_LoA	-7,88920367	0,132	0,286
CHR7	14401470	CHR7:14401470	SSF x Far_LoA	-9,05415984	-0,191	0,285
CHR7	14410203	CHR7:14410203	SSF x Far_LoA	-9,68493758	-0,012	0,299
CHR7	14417628	CHR7:14417628	SSF x Far_LoA	-8,76427295	0,109	0,300
CHR7	14417647	CHR7:14417647	SSF x Far_LoA	-11,3781517	0,106	0,294
CHR7	14417649	CHR7:14417649	SSF x Far_LoA	-11,8298432	0,036	0,310
CHR7	14417653	CHR7:14417653	SSF x Far_LoA	-10,8320845	0,088	0,301
CHR7	14417768	CHR7:14417768	SSF x Far_LoA	-8,25564427	0,042	0,299
CHR7	14417819	CHR7:14417819	SSF x Far_LoA	-9,32729682	0,039	0,300
CHR7	14417831	CHR7:14417831	SSF x Far_LoA	-9,88291141	-0,009	0,304
CHR7	14417948	CHR7:14417948	SSF x Far_LoA	-10,8617529	-0,076	0,310
CHR7	14417959	CHR7:14417959	SSF x Far_LoA	-9,76512789	0,062	0,300
CHR7	14424844	CHR7:14424844	SSF x Far_LoA	-10,1038716	0,100	0,306
CHR7	14424868	CHR7:14424868	SSF x Far_LoA	-9,95795346	0,064	0,308
CHR7	1443435	CHR7:1443435	SSF x Far_LoA	-10,5694417	0,006	0,289
CHR7	1443436	CHR7:1443436	SSF x Far_LoA	-10,3071143	0,024	0,301
CHR7	1443483	CHR7:1443483	SSF x Far_LoA	-9,50906721	-0,143	0,302
CHR7	1443503	CHR7:1443503	SSF x Far_LoA	-10,478952	0,051	0,294
CHR7	14439838	CHR7:14439838	SSF x Far_LoA	-9,43963377	-0,005	0,302
CHR7	14439857	CHR7:14439857	SSF x Far_LoA	-9,86538968	0,026	0,304
CHR7	14439878	CHR7:14439878	SSF x Far_LoA	-7,82146671	-0,092	0,328
CHR7	14439879	CHR7:14439879	SSF x Far_LoA	-11,3636235	-0,124	0,297
CHR7	14439919	CHR7:14439919	SSF x Far_LoA	-0,06878254	-0,165	0,295
CHR7	14439949	CHR7:14439949	SSF x Far_LoA	-9,24368108	-0,076	0,305
CHR7	14439951	CHR7:14439951	SSF x Far_LoA	-3,62900305	0,188	0,289
CHR7	14439956	CHR7:14439956	SSF x Far_LoA	-6,10293687	0,180	0,286
CHR7	14439960	CHR7:14439960	SSF x Far_LoA	-7,44695861	0,170	0,290
CHR7	14439989	CHR7:14439989	SSF x Far_LoA	-8,07000022	0,131	0,301
CHR7	14440005	CHR7:14440005	SSF x Far_LoA	-7,03159238	-0,054	0,313
CHR7	14440021	CHR7:14440021	SSF x Far_LoA	-5,92488088	0,212	0,291
CHR7	14440063	CHR7:14440063	SSF x Far_LoA	-10,351222	0,096	0,300
CHR7	14443631	CHR7:14443631	SSF x Far_LoA	-9,87712809	0,004	0,296
CHR7	14444730	CHR7:14444730	SSF x Far_LoA	-10,0467398	-0,124	0,310
CHR7	14444831	CHR7:14444831	SSF x Far_LoA	-10,9977892	-0,007	0,299
CHR7	14453430	CHR7:14453430	SSF x Far_LoA	-9,93295349	-0,089	0,306
CHR7	14453520	CHR7:14453520	SSF x Far_LoA	-8,86406846	-0,017	0,317
CHR7	1446862	CHR7:1446862	SSF x Far_LoA	-9,13033395	-0,022	0,295
CHR7	14473483	CHR7:14473483	SSF x Far_LoA	-9,4998579	0,014	0,297
CHR7	14486738	CHR7:14486738	SSF x Far_LoA	-9,33543449	-0,016	0,307
CHR7	1449581	CHR7:1449581	SSF x Far_LoA	-6,0263981	0,208	0,301
CHR7	1450537	CHR7:1450537	SSF x Far_LoA	-2,18072572	-0,007	0,307
CHR7	14506245	CHR7:14506245	SSF x Far_LoA	-11,3480089	0,047	0,304
CHR7	14506274	CHR7:14506274	SSF x Far_LoA	-10,4858336	0,036	0,288
CHR7	14506314	CHR7:14506314	SSF x Far_LoA	-10,0014421	0,094	0,289
CHR7	14518340	CHR7:14518340	SSF x Far_LoA	-9,57388719	-0,098	0,301
CHR7	14518388	CHR7:14518388	SSF x Far_LoA	-7,21445193	0,004	0,300

CHR7	1451996	CHR7:1451996	SSF x Far_LoA	-11,3524985	0,026	0,316
CHR7	14527761	CHR7:14527761	SSF x Far_LoA	-10,5908084	-0,059	0,317
CHR7	14527805	CHR7:14527805	SSF x Far_LoA	-9,06072385	0,077	0,289
CHR7	14527808	CHR7:14527808	SSF x Far_LoA	-2,77658551	0,149	0,311
CHR7	14527946	CHR7:14527946	SSF x Far_LoA	-7,99450625	0,074	0,300
CHR7	14530651	CHR7:14530651	SSF x Far_LoA	-8,72820539	0,078	0,287
CHR7	14533074	CHR7:14533074	SSF x Far_LoA	-8,40932467	-0,042	0,298
CHR7	14533085	CHR7:14533085	SSF x Far_LoA	-7,13945805	-0,047	0,305
CHR7	14533100	CHR7:14533100	SSF x Far_LoA	-9,41363632	-0,002	0,301
CHR7	14536565	CHR7:14536565	SSF x Far_LoA	-7,22010965	0,028	0,310
CHR7	14536634	CHR7:14536634	SSF x Far_LoA	-7,944112	-0,023	0,304
CHR7	14536664	CHR7:14536664	SSF x Far_LoA	-8,23732592	-0,007	0,318
CHR7	14536668	CHR7:14536668	SSF x Far_LoA	-8,04213723	-0,029	0,319
CHR7	14536679	CHR7:14536679	SSF x Far_LoA	-11,2406799	0,059	0,299
CHR7	14538476	CHR7:14538476	SSF x Far_LoA	-8,05638677	-0,033	0,313
CHR7	14542363	CHR7:14542363	SSF x Far_LoA	-10,6027762	-0,081	0,292
CHR7	14542439	CHR7:14542439	SSF x Far_LoA	-8,71661961	-0,057	0,302
CHR7	14552875	CHR7:14552875	SSF x Far_LoA	-9,53617945	-0,011	0,282
CHR7	14552928	CHR7:14552928	SSF x Far_LoA	-11,4866039	-0,012	0,291
CHR7	14552972	CHR7:14552972	SSF x Far_LoA	-10,8226588	0,004	0,306
CHR7	14565049	CHR7:14565049	SSF x Far_LoA	-8,64834589	0,059	0,319
CHR7	14565088	CHR7:14565088	SSF x Far_LoA	-8,15539448	0,051	0,312
CHR7	14565162	CHR7:14565162	SSF x Far_LoA	-11,4635626	-0,036	0,303
CHR7	14565168	CHR7:14565168	SSF x Far_LoA	-7,69359004	0,139	0,309
CHR7	14565177	CHR7:14565177	SSF x Far_LoA	-10,1757314	0,013	0,316
CHR7	14565187	CHR7:14565187	SSF x Far_LoA	-11,1266394	-0,054	0,307
CHR7	14569291	CHR7:14569291	SSF x Far_LoA	-8,79843819	0,030	0,314
CHR7	14569394	CHR7:14569394	SSF x Far_LoA	-8,82785531	0,078	0,316
CHR7	14569469	CHR7:14569469	SSF x Far_LoA	-8,10383621	-0,009	0,315
CHR7	1457019	CHR7:1457019	SSF x Far_LoA	-11,9057967	-0,013	0,308
CHR7	14572113	CHR7:14572113	SSF x Far_LoA	-7,90928127	-0,082	0,312
CHR7	14572142	CHR7:14572142	SSF x Far_LoA	-9,35311795	-0,065	0,308
CHR7	14572217	CHR7:14572217	SSF x Far_LoA	-11,8323608	-0,041	0,304
CHR7	14576518	CHR7:14576518	SSF x Far_LoA	-8,34854921	0,034	0,323
CHR7	14576546	CHR7:14576546	SSF x Far_LoA	-1,52275144	-0,031	0,313
CHR7	14576570	CHR7:14576570	SSF x Far_LoA	-9,6034063	0,009	0,294
CHR7	14576585	CHR7:14576585	SSF x Far_LoA	-9,38255268	0,055	0,309
CHR7	14581410	CHR7:14581410	SSF x Far_LoA	-8,56465119	0,081	0,302
CHR7	14581412	CHR7:14581412	SSF x Far_LoA	-9,21492862	0,074	0,306
CHR7	14581415	CHR7:14581415	SSF x Far_LoA	-11,3978514	0,030	0,306
CHR7	14581430	CHR7:14581430	SSF x Far_LoA	-11,2253918	-0,020	0,300
CHR7	14581505	CHR7:14581505	SSF x Far_LoA	-7,30809732	-0,036	0,286
CHR7	14581573	CHR7:14581573	SSF x Far_LoA	-9,32615737	-0,013	0,303
CHR7	14581599	CHR7:14581599	SSF x Far_LoA	-3,91037932	-0,094	0,306
CHR7	14581600	CHR7:14581600	SSF x Far_LoA	-8,35582269	-0,119	0,299
CHR7	14581626	CHR7:14581626	SSF x Far_LoA	-8,46151297	0,008	0,303
CHR7	14581628	CHR7:14581628	SSF x Far_LoA	-8,74685062	-0,012	0,316
CHR7	14581664	CHR7:14581664	SSF x Far_LoA	-8,20592541	-0,055	0,311
CHR7	14593448	CHR7:14593448	SSF x Far_LoA	-10,1325025	0,065	0,302
CHR7	14593460	CHR7:14593460	SSF x Far_LoA	-8,9754231	0,021	0,319
CHR7	14593489	CHR7:14593489	SSF x Far_LoA	-5,36547738	-0,049	0,299
CHR7	14593516	CHR7:14593516	SSF x Far_LoA	-10,3921765	-0,006	0,302
CHR7	1459918	CHR7:1459918	SSF x Far_LoA	-8,73539874	-0,058	0,309

CHR7	1459920	CHR7:1459920	SSF x Far_LoA	-8,54150402	-0,088	0,311
CHR7	1460021	CHR7:1460021	SSF x Far_LoA	-10,6030109	0,009	0,289
CHR7	14602912	CHR7:14602912	SSF x Far_LoA	-9,56202755	-0,102	0,297
CHR7	14603043	CHR7:14603043	SSF x Far_LoA	-7,45607088	0,087	0,303
CHR7	14611826	CHR7:14611826	SSF x Far_LoA	-10,4079735	-0,004	0,308
CHR7	14611894	CHR7:14611894	SSF x Far_LoA	-9,63671795	-0,023	0,313
CHR7	14630119	CHR7:14630119	SSF x Far_LoA	-9,53807227	-0,067	0,312
CHR7	1463073	CHR7:1463073	SSF x Far_LoA	-8,27623517	-0,052	0,317
CHR7	1463074	CHR7:1463074	SSF x Far_LoA	-9,00057564	-0,021	0,299
CHR7	1463092	CHR7:1463092	SSF x Far_LoA	-9,62146587	0,043	0,307
CHR7	14633441	CHR7:14633441	SSF x Far_LoA	-8,55492144	0,008	0,315
CHR7	14633461	CHR7:14633461	SSF x Far_LoA	-9,16334692	0,072	0,316
CHR7	14633498	CHR7:14633498	SSF x Far_LoA	-3,90041105	-0,224	0,299
CHR7	14637613	CHR7:14637613	SSF x Far_LoA	-8,92067122	0,043	0,300
CHR7	14637674	CHR7:14637674	SSF x Far_LoA	-9,61246576	0,038	0,318
CHR7	14640047	CHR7:14640047	SSF x Far_LoA	-8,72895206	-0,117	0,292
CHR7	14644010	CHR7:14644010	SSF x Far_LoA	-8,17533608	-0,068	0,323
CHR7	14644066	CHR7:14644066	SSF x Far_LoA	-11,793926	-0,050	0,311
CHR7	14646911	CHR7:14646911	SSF x Far_LoA	-10,2395704	-0,058	0,292
CHR7	14646915	CHR7:14646915	SSF x Far_LoA	-10,0336722	-0,056	0,302
CHR7	14656677	CHR7:14656677	SSF x Far_LoA	-7,48670293	0,158	0,297
CHR7	14656709	CHR7:14656709	SSF x Far_LoA	-9,92335042	-0,081	0,310
CHR7	14656785	CHR7:14656785	SSF x Far_LoA	-7,88517789	0,178	0,282
CHR7	14661988	CHR7:14661988	SSF x Far_LoA	-11,1802962	-0,006	0,304
CHR7	14672398	CHR7:14672398	SSF x Far_LoA	-10,7161553	-0,073	0,302
CHR7	14672424	CHR7:14672424	SSF x Far_LoA	-9,88307114	-0,002	0,296
CHR7	14672431	CHR7:14672431	SSF x Far_LoA	-3,37556807	-0,008	0,307
CHR7	14672470	CHR7:14672470	SSF x Far_LoA	-9,38680112	-0,044	0,315
CHR7	14672559	CHR7:14672559	SSF x Far_LoA	-9,18205634	0,128	0,305
CHR7	14672608	CHR7:14672608	SSF x Far_LoA	-6,29386786	0,146	0,306
CHR7	14677638	CHR7:14677638	SSF x Far_LoA	-11,1061417	0,017	0,310
CHR7	14679490	CHR7:14679490	SSF x Far_LoA	-10,1914764	-0,052	0,286
CHR7	14679554	CHR7:14679554	SSF x Far_LoA	-8,42151587	-0,033	0,324
CHR7	14679564	CHR7:14679564	SSF x Far_LoA	-7,95198193	0,125	0,302
CHR7	14683867	CHR7:14683867	SSF x Far_LoA	-6,78620116	0,009	0,301
CHR7	14683869	CHR7:14683869	SSF x Far_LoA	-9,76938591	-0,005	0,299
CHR7	14683920	CHR7:14683920	SSF x Far_LoA	-8,98734258	-0,044	0,309
CHR7	14683935	CHR7:14683935	SSF x Far_LoA	-9,0116183	-0,065	0,304
CHR7	14683941	CHR7:14683941	SSF x Far_LoA	-5,67399489	-0,048	0,313
CHR7	14683947	CHR7:14683947	SSF x Far_LoA	-8,39891414	-0,052	0,314
CHR7	14683949	CHR7:14683949	SSF x Far_LoA	-7,32017326	-0,043	0,312
CHR7	14684047	CHR7:14684047	SSF x Far_LoA	-11,6083227	0,076	0,301
CHR7	14684051	CHR7:14684051	SSF x Far_LoA	-11,2122251	0,054	0,301
CHR7	14684080	CHR7:14684080	SSF x Far_LoA	-1,90694331	-0,071	0,280
CHR7	14684107	CHR7:14684107	SSF x Far_LoA	-11,463092	-0,022	0,306
CHR7	14686164	CHR7:14686164	SSF x Far_LoA	-5,36114055	0,043	0,302
CHR7	14686176	CHR7:14686176	SSF x Far_LoA	-8,15987716	-0,032	0,286
CHR7	14686192	CHR7:14686192	SSF x Far_LoA	-10,4627317	-0,102	0,307
CHR7	14686423	CHR7:14686423	SSF x Far_LoA	-7,85500682	-0,101	0,315
CHR7	14695666	CHR7:14695666	SSF x Far_LoA	-9,50383505	0,108	0,306
CHR7	14695757	CHR7:14695757	SSF x Far_LoA	-10,064415	0,110	0,293
CHR7	14695801	CHR7:14695801	SSF x Far_LoA	-10,6507105	-0,116	0,296
CHR7	14695838	CHR7:14695838	SSF x Far_LoA	-7,94109172	-0,007	0,321

CHR7	14695863	CHR7:14695863	SSF x Far_LoA	-9,43711054	-0,089	0,308
CHR7	14703173	CHR7:14703173	SSF x Far_LoA	-5,2722511	0,087	0,303
CHR7	14703215	CHR7:14703215	SSF x Far_LoA	-10,2830948	0,110	0,296
CHR7	14703223	CHR7:14703223	SSF x Far_LoA	-9,87108163	-0,027	0,310
CHR7	14727369	CHR7:14727369	SSF x Far_LoA	-11,4908103	0,029	0,316
CHR7	14735116	CHR7:14735116	SSF x Far_LoA	-8,54288656	0,030	0,315
CHR7	14735139	CHR7:14735139	SSF x Far_LoA	-10,6969745	0,042	0,315
CHR7	14753254	CHR7:14753254	SSF x Far_LoA	-11,642562	-0,020	0,306
CHR7	14753296	CHR7:14753296	SSF x Far_LoA	-5,30738084	-0,120	0,303
CHR7	14753307	CHR7:14753307	SSF x Far_LoA	-11,5755081	0,050	0,303
CHR7	14756896	CHR7:14756896	SSF x Far_LoA	-8,94217345	-0,088	0,297
CHR7	14756903	CHR7:14756903	SSF x Far_LoA	-10,733505	0,065	0,296
CHR7	14756987	CHR7:14756987	SSF x Far_LoA	-9,33645191	-0,014	0,309
CHR7	14757083	CHR7:14757083	SSF x Far_LoA	-6,67656794	0,227	0,288
CHR7	14757095	CHR7:14757095	SSF x Far_LoA	-7,77862699	-0,147	0,304
CHR7	14757914	CHR7:14757914	SSF x Far_LoA	-10,1535861	0,096	0,319
CHR7	14767987	CHR7:14767987	SSF x Far_LoA	-8,69657723	0,013	0,305
CHR7	14768047	CHR7:14768047	SSF x Far_LoA	-8,9158774	-0,030	0,307
CHR7	14775145	CHR7:14775145	SSF x Far_LoA	-9,12610858	-0,134	0,314
CHR7	14775219	CHR7:14775219	SSF x Far_LoA	-8,87120526	-0,029	0,310
CHR7	14775285	CHR7:14775285	SSF x Far_LoA	-11,1071495	0,059	0,298
CHR7	14781506	CHR7:14781506	SSF x Far_LoA	-10,3798155	0,005	0,307
CHR7	14781507	CHR7:14781507	SSF x Far_LoA	-4,65381412	-0,008	0,297
CHR7	14781533	CHR7:14781533	SSF x Far_LoA	-8,23634466	0,062	0,307
CHR7	14781558	CHR7:14781558	SSF x Far_LoA	-8,51567545	-0,092	0,292
CHR7	14781660	CHR7:14781660	SSF x Far_LoA	-8,34395601	0,051	0,311
CHR7	14786043	CHR7:14786043	SSF x Far_LoA	-9,37594936	0,094	0,297
CHR7	14786051	CHR7:14786051	SSF x Far_LoA	-9,8847318	0,053	0,307
CHR7	14786057	CHR7:14786057	SSF x Far_LoA	7,86952064	-0,016	0,292
CHR7	14786074	CHR7:14786074	SSF x Far_LoA	0,28635428	0,008	0,318
CHR7	14786228	CHR7:14786228	SSF x Far_LoA	-9,96926041	0,058	0,293
CHR7	14809771	CHR7:14809771	SSF x Far_LoA	-10,8494695	-0,045	0,319
CHR7	14809776	CHR7:14809776	SSF x Far_LoA	-11,1276789	0,049	0,309
CHR7	14809828	CHR7:14809828	SSF x Far_LoA	-10,4722508	-0,054	0,298
CHR7	14830391	CHR7:14830391	SSF x Far_LoA	-8,44751358	0,193	0,290
CHR7	14830473	CHR7:14830473	SSF x Far_LoA	-1,75825278	0,171	0,291
CHR7	14830534	CHR7:14830534	SSF x Far_LoA	-12,0163442	-0,053	0,305
CHR7	14835362	CHR7:14835362	SSF x Far_LoA	-11,4109999	-0,058	0,323
CHR7	14835528	CHR7:14835528	SSF x Far_LoA	-9,00366946	0,118	0,299
CHR7	14835531	CHR7:14835531	SSF x Far_LoA	-8,70546384	0,074	0,297
CHR7	14835552	CHR7:14835552	SSF x Far_LoA	-2,06583849	-0,225	0,286
CHR7	14835573	CHR7:14835573	SSF x Far_LoA	-5,97425567	0,194	0,303
CHR7	14836310	CHR7:14836310	SSF x Far_LoA	-10,9097166	-0,016	0,299
CHR7	14836358	CHR7:14836358	SSF x Far_LoA	-10,4958357	0,041	0,303
CHR7	14844624	CHR7:14844624	SSF x Far_LoA	-10,1563814	-0,100	0,296
CHR7	14844669	CHR7:14844669	SSF x Far_LoA	-9,20771275	0,203	0,310
CHR7	14844756	CHR7:14844756	SSF x Far_LoA	-7,97639518	-0,153	0,305
CHR7	14844827	CHR7:14844827	SSF x Far_LoA	-10,4534447	0,048	0,323
CHR7	14846812	CHR7:14846812	SSF x Far_LoA	-8,15331297	-0,002	0,304
CHR7	14847525	CHR7:14847525	SSF x Far_LoA	-12,219478	0,011	0,292
CHR7	14851442	CHR7:14851442	SSF x Far_LoA	-4,69429542	0,086	0,313
CHR7	14851590	CHR7:14851590	SSF x Far_LoA	-9,76725484	-0,079	0,306
CHR7	14851680	CHR7:14851680	SSF x Far_LoA	-9,2488505	-0,029	0,311

CHR7	14851723	CHR7:14851723	SSF x Far_LoA	-8,23104516	0,137	0,300
CHR7	14851735	CHR7:14851735	SSF x Far_LoA	-9,27017296	-0,012	0,313
CHR7	14851737	CHR7:14851737	SSF x Far_LoA	-10,1719149	-0,089	0,296
CHR7	1486823	CHR7:1486823	SSF x Far_LoA	-8,92594827	-0,030	0,318
CHR7	1486851	CHR7:1486851	SSF x Far_LoA	-10,0502108	-0,025	0,314
CHR7	1486864	CHR7:1486864	SSF x Far_LoA	-10,920404	0,026	0,296
CHR7	14869110	CHR7:14869110	SSF x Far_LoA	-7,73985172	0,035	0,313
CHR7	14869222	CHR7:14869222	SSF x Far_LoA	-8,26589157	0,084	0,299
CHR7	14872115	CHR7:14872115	SSF x Far_LoA	-10,0761355	-0,106	0,301
CHR7	14872184	CHR7:14872184	SSF x Far_LoA	-8,52134837	-0,094	0,292
CHR7	14884285	CHR7:14884285	SSF x Far_LoA	-7,07290187	-0,063	0,289
CHR7	14898099	CHR7:14898099	SSF x Far_LoA	-7,61385005	-0,152	0,295
CHR7	14898152	CHR7:14898152	SSF x Far_LoA	-11,6428163	0,012	0,307
CHR7	14898155	CHR7:14898155	SSF x Far_LoA	-8,69294023	0,126	0,286
CHR7	14898160	CHR7:14898160	SSF x Far_LoA	-11,080528	0,083	0,311
CHR7	14898164	CHR7:14898164	SSF x Far_LoA	-8,78864104	0,070	0,313
CHR7	14898181	CHR7:14898181	SSF x Far_LoA	-8,68698199	0,093	0,320
CHR7	14898184	CHR7:14898184	SSF x Far_LoA	-8,44345558	0,043	0,313
CHR7	1490131	CHR7:1490131	SSF x Far_LoA	-7,08888448	-0,066	0,303
CHR7	1490172	CHR7:1490172	SSF x Far_LoA	-11,6232947	0,040	0,307
CHR7	1490173	CHR7:1490173	SSF x Far_LoA	-10,5411941	-0,092	0,311
CHR7	1490180	CHR7:1490180	SSF x Far_LoA	-8,41378934	-0,115	0,297
CHR7	1490196	CHR7:1490196	SSF x Far_LoA	-9,82132682	-0,060	0,315
CHR7	14905727	CHR7:14905727	SSF x Far_LoA	-10,3581549	0,028	0,311
CHR7	14906519	CHR7:14906519	SSF x Far_LoA	-10,4377276	-0,070	0,311
CHR7	14906591	CHR7:14906591	SSF x Far_LoA	-9,51667849	0,016	0,309
CHR7	14906676	CHR7:14906676	SSF x Far_LoA	-9,79978742	0,066	0,302
CHR7	14906689	CHR7:14906689	SSF x Far_LoA	12,8225166	0,005	0,318
CHR7	14909590	CHR7:14909590	SSF x Far_LoA	-5,37423179	0,040	0,298
CHR7	14909599	CHR7:14909599	SSF x Far_LoA	-9,41865333	0,051	0,294
CHR7	14909644	CHR7:14909644	SSF x Far_LoA	-10,5942639	-0,040	0,310
CHR7	14909703	CHR7:14909703	SSF x Far_LoA	-8,79739844	-0,140	0,303
CHR7	14909729	CHR7:14909729	SSF x Far_LoA	-10,0361475	-0,019	0,311
CHR7	14909750	CHR7:14909750	SSF x Far_LoA	-9,84260742	-0,076	0,312
CHR7	14909771	CHR7:14909771	SSF x Far_LoA	-7,30401073	-0,130	0,303
CHR7	14909821	CHR7:14909821	SSF x Far_LoA	-7,79415588	-0,162	0,288
CHR7	14909822	CHR7:14909822	SSF x Far_LoA	-4,27495629	0,175	0,289
CHR7	14909853	CHR7:14909853	SSF x Far_LoA	-6,17483356	0,203	0,283
CHR7	1491268	CHR7:1491268	SSF x Far_LoA	0,39118252	-0,077	0,298
CHR7	14915362	CHR7:14915362	SSF x Far_LoA	-8,30160425	0,104	0,313
CHR7	14915530	CHR7:14915530	SSF x Far_LoA	-6,11051489	0,055	0,309
CHR7	14917851	CHR7:14917851	SSF x Far_LoA	-1,11330727	0,224	0,284
CHR7	14917852	CHR7:14917852	SSF x Far_LoA	-8,62966181	0,192	0,290
CHR7	14918044	CHR7:14918044	SSF x Far_LoA	-8,59251877	-0,049	0,313
CHR7	14919112	CHR7:14919112	SSF x Far_LoA	-9,7650695	-0,136	0,284
CHR7	14926110	CHR7:14926110	SSF x Far_LoA	-8,67422635	-0,108	0,308
CHR7	14926132	CHR7:14926132	SSF x Far_LoA	-11,3480531	-0,055	0,304
CHR7	14926144	CHR7:14926144	SSF x Far_LoA	-9,05343351	-0,057	0,301
CHR7	14926151	CHR7:14926151	SSF x Far_LoA	-6,6565474	-0,124	0,312
CHR7	14926174	CHR7:14926174	SSF x Far_LoA	-6,60941423	0,162	0,306
CHR7	14926184	CHR7:14926184	SSF x Far_LoA	-10,0373217	0,110	0,301
CHR7	14926194	CHR7:14926194	SSF x Far_LoA	-5,42164894	0,130	0,297
CHR7	14926237	CHR7:14926237	SSF x Far_LoA	-10,9256555	-0,030	0,304

CHR7	1492702	CHR7:1492702	SSF x Far_LoA	-7,88770881	0,146	0,308
CHR7	1492774	CHR7:1492774	SSF x Far_LoA	-9,62328622	0,024	0,306
CHR7	14929037	CHR7:14929037	SSF x Far_LoA	-7,15128677	0,114	0,288
CHR7	14929133	CHR7:14929133	SSF x Far_LoA	-9,81597114	0,013	0,294
CHR7	1492988	CHR7:1492988	SSF x Far_LoA	-8,79519532	-0,073	0,311
CHR7	14931020	CHR7:14931020	SSF x Far_LoA	-8,7174209	0,023	0,310
CHR7	1493116	CHR7:1493116	SSF x Far_LoA	-5,41305414	-0,099	0,304
CHR7	14939174	CHR7:14939174	SSF x Far_LoA	-9,61380263	-0,024	0,304
CHR7	14942063	CHR7:14942063	SSF x Far_LoA	-7,01967063	-0,178	0,306
CHR7	14942143	CHR7:14942143	SSF x Far_LoA	-10,525155	0,000	0,316
CHR7	14942213	CHR7:14942213	SSF x Far_LoA	-8,68985696	-0,020	0,302
CHR7	14942227	CHR7:14942227	SSF x Far_LoA	-8,54250326	0,099	0,303
CHR7	14952954	CHR7:14952954	SSF x Far_LoA	-7,05934675	0,007	0,310
CHR7	14952998	CHR7:14952998	SSF x Far_LoA	-7,04963813	-0,212	0,286
CHR7	1497134	CHR7:1497134	SSF x Far_LoA	-10,1820427	-0,056	0,301
CHR7	1497146	CHR7:1497146	SSF x Far_LoA	-8,35371809	0,132	0,305
CHR7	1497171	CHR7:1497171	SSF x Far_LoA	-0,77734801	-0,071	0,300
CHR7	1497200	CHR7:1497200	SSF x Far_LoA	-8,25612082	0,008	0,305
CHR7	1497230	CHR7:1497230	SSF x Far_LoA	-8,25675922	0,055	0,314
CHR7	1497311	CHR7:1497311	SSF x Far_LoA	-12,3373267	-0,028	0,291
CHR7	14977067	CHR7:14977067	SSF x Far_LoA	-11,3256171	-0,033	0,300
CHR7	14984984	CHR7:14984984	SSF x Far_LoA	-4,00683693	-0,202	0,283
CHR7	14987292	CHR7:14987292	SSF x Far_LoA	-9,02556574	-0,069	0,301
CHR7	14987379	CHR7:14987379	SSF x Far_LoA	-9,61259383	-0,036	0,288
CHR7	14989482	CHR7:14989482	SSF x Far_LoA	-11,9223127	0,005	0,311
CHR7	14989550	CHR7:14989550	SSF x Far_LoA	-11,05281	0,063	0,303
CHR7	14989551	CHR7:14989551	SSF x Far_LoA	-9,66763971	0,084	0,303
CHR7	14992924	CHR7:14992924	SSF x Far_LoA	-8,54301826	0,083	0,308
CHR7	14993113	CHR7:14993113	SSF x Far_LoA	-11,1963773	0,008	0,311
CHR7	15003800	CHR7:15003800	SSF x Far_LoA	-8,88004726	0,035	0,296
CHR7	15003822	CHR7:15003822	SSF x Far_LoA	-10,6398919	0,000	0,309
CHR7	15006468	CHR7:15006468	SSF x Far_LoA	-11,6523846	0,083	0,289
CHR7	15012320	CHR7:15012320	SSF x Far_LoA	-11,7407179	-0,023	0,293
CHR7	15015527	CHR7:15015527	SSF x Far_LoA	-9,97338179	-0,028	0,294
CHR7	15018021	CHR7:15018021	SSF x Far_LoA	-9,8871756	-0,026	0,308
CHR7	15018037	CHR7:15018037	SSF x Far_LoA	-9,04887016	0,003	0,311
CHR7	15018040	CHR7:15018040	SSF x Far_LoA	-9,39000367	0,025	0,311
CHR7	15018059	CHR7:15018059	SSF x Far_LoA	-8,19823833	-0,013	0,309
CHR7	15018095	CHR7:15018095	SSF x Far_LoA	-8,80154264	0,017	0,306
CHR7	15018131	CHR7:15018131	SSF x Far_LoA	-11,4998306	0,017	0,297
CHR7	15018871	CHR7:15018871	SSF x Far_LoA	-9,49654619	-0,095	0,299
CHR7	15018917	CHR7:15018917	SSF x Far_LoA	-10,0539606	-0,033	0,327
CHR7	15025294	CHR7:15025294	SSF x Far_LoA	-9,78348549	0,054	0,310
CHR7	15025305	CHR7:15025305	SSF x Far_LoA	-9,50690329	0,075	0,296
CHR7	15025397	CHR7:15025397	SSF x Far_LoA	-8,96229072	0,157	0,310
CHR7	15034362	CHR7:15034362	SSF x Far_LoA	-11,1296397	-0,019	0,306
CHR7	15034389	CHR7:15034389	SSF x Far_LoA	-8,04041493	0,098	0,304
CHR7	15036685	CHR7:15036685	SSF x Far_LoA	-5,76500071	-0,170	0,300
CHR7	15056402	CHR7:15056402	SSF x Far_LoA	-10,1583254	-0,124	0,313
CHR7	15057233	CHR7:15057233	SSF x Far_LoA	-7,9325628	-0,111	0,324
CHR7	15057305	CHR7:15057305	SSF x Far_LoA	-11,0478743	-0,107	0,323
CHR7	15060842	CHR7:15060842	SSF x Far_LoA	-9,48505912	0,037	0,309
CHR7	15060892	CHR7:15060892	SSF x Far_LoA	-8,05708211	-0,080	0,304

CHR7	15060894	CHR7:15060894	SSF x Far_LoA	-8,87170103	0,072	0,297
CHR7	15060916	CHR7:15060916	SSF x Far_LoA	-10,5630543	0,069	0,300
CHR7	15061027	CHR7:15061027	SSF x Far_LoA	-8,75241446	-0,117	0,295
CHR7	15061091	CHR7:15061091	SSF x Far_LoA	-10,6006814	-0,014	0,308
CHR7	15073543	CHR7:15073543	SSF x Far_LoA	-9,75036545	0,055	0,317
CHR7	15077835	CHR7:15077835	SSF x Far_LoA	-10,5350985	-0,074	0,296
CHR7	15080689	CHR7:15080689	SSF x Far_LoA	-11,1599906	-0,024	0,288
CHR7	15080806	CHR7:15080806	SSF x Far_LoA	-6,62419549	-0,178	0,286
CHR7	15083607	CHR7:15083607	SSF x Far_LoA	-11,0955681	0,054	0,302
CHR7	15083617	CHR7:15083617	SSF x Far_LoA	-8,18760643	-0,060	0,289
CHR7	15083641	CHR7:15083641	SSF x Far_LoA	-9,29299795	0,043	0,306
CHR7	15083664	CHR7:15083664	SSF x Far_LoA	-6,898395	-0,020	0,310
CHR7	15083685	CHR7:15083685	SSF x Far_LoA	-11,0861606	0,021	0,282
CHR7	15083699	CHR7:15083699	SSF x Far_LoA	-8,39218066	0,072	0,294
CHR7	15092462	CHR7:15092462	SSF x Far_LoA	-10,9904712	0,016	0,302
CHR7	15092495	CHR7:15092495	SSF x Far_LoA	-10,8537797	0,095	0,304
CHR7	15092502	CHR7:15092502	SSF x Far_LoA	-9,38406973	0,097	0,310
CHR7	15092681	CHR7:15092681	SSF x Far_LoA	-9,83896972	0,063	0,317
CHR7	15096676	CHR7:15096676	SSF x Far_LoA	-8,58345814	0,139	0,311
CHR7	15096776	CHR7:15096776	SSF x Far_LoA	-8,91598416	0,139	0,302
CHR7	15096847	CHR7:15096847	SSF x Far_LoA	-10,8723106	-0,061	0,307
CHR7	15098228	CHR7:15098228	SSF x Far_LoA	-10,076038	0,065	0,305
CHR7	1510253	CHR7:1510253	SSF x Far_LoA	-5,18794497	0,151	0,297
CHR7	1510265	CHR7:1510265	SSF x Far_LoA	-7,17916301	0,218	0,290
CHR7	1510347	CHR7:1510347	SSF x Far_LoA	-12,198105	0,051	0,302
CHR7	15104656	CHR7:15104656	SSF x Far_LoA	-9,38819816	-0,016	0,317
CHR7	15116016	CHR7:15116016	SSF x Far_LoA	-9,41975098	0,079	0,316
CHR7	15116017	CHR7:15116017	SSF x Far_LoA	-9,57657349	0,086	0,319
CHR7	15116043	CHR7:15116043	SSF x Far_LoA	-12,0456587	0,005	0,312
CHR7	15120288	CHR7:15120288	SSF x Far_LoA	-5,86724489	0,114	0,319
CHR7	15120419	CHR7:15120419	SSF x Far_LoA	0,57651289	-0,058	0,292
CHR7	15120481	CHR7:15120481	SSF x Far_LoA	-8,69770791	-0,074	0,306
CHR7	15127099	CHR7:15127099	SSF x Far_LoA	-8,28673706	-0,024	0,293
CHR7	15127104	CHR7:15127104	SSF x Far_LoA	-7,58003523	0,107	0,314
CHR7	15129008	CHR7:15129008	SSF x Far_LoA	-10,7654211	0,056	0,320
CHR7	15129079	CHR7:15129079	SSF x Far_LoA	-9,33734118	-0,031	0,309
CHR7	15129091	CHR7:15129091	SSF x Far_LoA	-11,0134585	-0,016	0,300
CHR7	15132547	CHR7:15132547	SSF x Far_LoA	-6,10869146	-0,094	0,313
CHR7	15132581	CHR7:15132581	SSF x Far_LoA	-11,1962516	0,074	0,300
CHR7	15133039	CHR7:15133039	SSF x Far_LoA	-6,25821527	-0,252	0,293
CHR7	15133068	CHR7:15133068	SSF x Far_LoA	-8,35871684	0,063	0,303
CHR7	15133091	CHR7:15133091	SSF x Far_LoA	-7,0013133	-0,140	0,303
CHR7	15133139	CHR7:15133139	SSF x Far_LoA	-7,88072996	0,104	0,307
CHR7	15141056	CHR7:15141056	SSF x Far_LoA	-9,76965839	0,018	0,303
CHR7	15141222	CHR7:15141222	SSF x Far_LoA	-11,2963577	0,077	0,301
CHR7	15141236	CHR7:15141236	SSF x Far_LoA	-7,74928152	-0,142	0,293
CHR7	15141278	CHR7:15141278	SSF x Far_LoA	-10,6790756	-0,058	0,308
CHR7	15147643	CHR7:15147643	SSF x Far_LoA	-8,10571807	0,155	0,287
CHR7	15149226	CHR7:15149226	SSF x Far_LoA	-7,70383201	-0,024	0,320
CHR7	15150365	CHR7:15150365	SSF x Far_LoA	-12,6545557	-0,011	0,306
CHR7	15150464	CHR7:15150464	SSF x Far_LoA	-12,0181523	0,052	0,295
CHR7	15150513	CHR7:15150513	SSF x Far_LoA	-3,87852957	-0,154	0,311
CHR7	15172459	CHR7:15172459	SSF x Far_LoA	-6,99619454	0,195	0,303

CHR7	15181756	CHR7:15181756	SSF x Far_LoA	-10,2527504	0,037	0,302
CHR7	15184748	CHR7:15184748	SSF x Far_LoA	-7,96047723	-0,046	0,315
CHR7	15184786	CHR7:15184786	SSF x Far_LoA	-10,4316113	-0,035	0,303
CHR7	1520594	CHR7:1520594	SSF x Far_LoA	-11,6757555	-0,049	0,307
CHR7	1520680	CHR7:1520680	SSF x Far_LoA	-9,52483916	-0,067	0,323
CHR7	15216577	CHR7:15216577	SSF x Far_LoA	-9,62221105	0,047	0,302
CHR7	15216713	CHR7:15216713	SSF x Far_LoA	-9,37525332	0,002	0,308
CHR7	15227480	CHR7:15227480	SSF x Far_LoA	-11,4963496	-0,019	0,305
CHR7	15227539	CHR7:15227539	SSF x Far_LoA	-9,3745998	-0,042	0,303
CHR7	15227682	CHR7:15227682	SSF x Far_LoA	-10,2286515	-0,022	0,324
CHR7	15231437	CHR7:15231437	SSF x Far_LoA	-10,3339239	0,011	0,313
CHR7	15231439	CHR7:15231439	SSF x Far_LoA	-9,90079124	0,038	0,306
CHR7	15234153	CHR7:15234153	SSF x Far_LoA	-12,2136862	0,071	0,307
CHR7	1523697	CHR7:1523697	SSF x Far_LoA	-6,84843178	-0,045	0,306
CHR7	1523728	CHR7:1523728	SSF x Far_LoA	-8,97363341	0,039	0,304
CHR7	1523763	CHR7:1523763	SSF x Far_LoA	-8,36798386	0,104	0,306
CHR7	1523766	CHR7:1523766	SSF x Far_LoA	-9,55387712	0,024	0,303
CHR7	1523806	CHR7:1523806	SSF x Far_LoA	-12,1852789	0,027	0,306
CHR7	15242512	CHR7:15242512	SSF x Far_LoA	-10,8997601	-0,034	0,291
CHR7	15242525	CHR7:15242525	SSF x Far_LoA	-9,9876956	-0,046	0,285
CHR7	15242604	CHR7:15242604	SSF x Far_LoA	-9,1382088	0,002	0,302
CHR7	15259788	CHR7:15259788	SSF x Far_LoA	-10,9929455	-0,022	0,310
CHR7	15259817	CHR7:15259817	SSF x Far_LoA	-10,739323	-0,041	0,306
CHR7	15259823	CHR7:15259823	SSF x Far_LoA	-11,442608	-0,033	0,318
CHR7	15259827	CHR7:15259827	SSF x Far_LoA	-12,0980893	0,082	0,297
CHR7	15259931	CHR7:15259931	SSF x Far_LoA	-10,086573	-0,049	0,302
CHR7	1526698	CHR7:1526698	SSF x Far_LoA	-10,685403	0,008	0,316
CHR7	15292528	CHR7:15292528	SSF x Far_LoA	-8,10503122	-0,104	0,307
CHR7	15298437	CHR7:15298437	SSF x Far_LoA	-11,8485764	-0,044	0,301
CHR7	15298454	CHR7:15298454	SSF x Far_LoA	-9,23599604	0,083	0,307
CHR7	15298473	CHR7:15298473	SSF x Far_LoA	-11,364232	0,060	0,287
CHR7	15298505	CHR7:15298505	SSF x Far_LoA	-12,2057422	-0,060	0,324
CHR7	15298525	CHR7:15298525	SSF x Far_LoA	-11,2789931	0,037	0,310
CHR7	15298561	CHR7:15298561	SSF x Far_LoA	-11,0801688	0,022	0,306
CHR7	15298648	CHR7:15298648	SSF x Far_LoA	-9,45894615	0,096	0,298
CHR7	15298680	CHR7:15298680	SSF x Far_LoA	-9,76082956	-0,087	0,312
CHR7	15298694	CHR7:15298694	SSF x Far_LoA	-8,48217708	0,051	0,313
CHR7	15298727	CHR7:15298727	SSF x Far_LoA	-9,39501951	-0,061	0,285
CHR7	15298735	CHR7:15298735	SSF x Far_LoA	-8,46607112	-0,060	0,288
CHR7	15298741	CHR7:15298741	SSF x Far_LoA	-10,6648434	-0,086	0,315
CHR7	15298743	CHR7:15298743	SSF x Far_LoA	-9,22620793	-0,003	0,310
CHR7	1531774	CHR7:1531774	SSF x Far_LoA	-10,2518718	0,005	0,306
CHR7	1531821	CHR7:1531821	SSF x Far_LoA	-4,10562288	-0,218	0,293
CHR7	1531822	CHR7:1531822	SSF x Far_LoA	-10,8271927	0,083	0,305
CHR7	1531908	CHR7:1531908	SSF x Far_LoA	-8,93466164	-0,030	0,307
CHR7	1531956	CHR7:1531956	SSF x Far_LoA	-8,67209217	0,067	0,302
CHR7	15321073	CHR7:15321073	SSF x Far_LoA	-8,22160861	-0,129	0,297
CHR7	15323527	CHR7:15323527	SSF x Far_LoA	-8,31796268	-0,132	0,303
CHR7	15323569	CHR7:15323569	SSF x Far_LoA	-8,0698861	-0,121	0,303
CHR7	15323826	CHR7:15323826	SSF x Far_LoA	-10,1511591	0,028	0,310
CHR7	15330365	CHR7:15330365	SSF x Far_LoA	-10,9323211	-0,106	0,305
CHR7	15330437	CHR7:15330437	SSF x Far_LoA	-9,69027327	0,031	0,303
CHR7	15330438	CHR7:15330438	SSF x Far_LoA	-8,18378167	0,021	0,318

CHR7	15330439	CHR7:15330439	SSF x Far_LoA	-8,82098988	0,040	0,308
CHR7	15331936	CHR7:15331936	SSF x Far_LoA	-8,52934846	0,001	0,310
CHR7	15331969	CHR7:15331969	SSF x Far_LoA	-10,8063346	-0,014	0,308
CHR7	15348871	CHR7:15348871	SSF x Far_LoA	-9,53314334	-0,037	0,304
CHR7	15348890	CHR7:15348890	SSF x Far_LoA	-0,89780252	-0,030	0,307
CHR7	15349117	CHR7:15349117	SSF x Far_LoA	-8,72379664	-0,065	0,288
CHR7	1535326	CHR7:1535326	SSF x Far_LoA	-11,628975	-0,055	0,303
CHR7	1535349	CHR7:1535349	SSF x Far_LoA	-10,9578487	0,038	0,307
CHR7	1535393	CHR7:1535393	SSF x Far_LoA	-10,5576946	-0,099	0,297
CHR7	15358241	CHR7:15358241	SSF x Far_LoA	-9,50629826	-0,060	0,296
CHR7	15358249	CHR7:15358249	SSF x Far_LoA	-9,22654411	0,022	0,315
CHR7	15358253	CHR7:15358253	SSF x Far_LoA	-10,6611735	0,023	0,309
CHR7	15358283	CHR7:15358283	SSF x Far_LoA	-7,05028513	-0,221	0,285
CHR7	15358338	CHR7:15358338	SSF x Far_LoA	-9,74922091	0,018	0,281
CHR7	15358340	CHR7:15358340	SSF x Far_LoA	-9,49730795	0,028	0,294
CHR7	15358377	CHR7:15358377	SSF x Far_LoA	-8,17360397	0,018	0,308
CHR7	15358413	CHR7:15358413	SSF x Far_LoA	-9,87929357	-0,025	0,308
CHR7	15363838	CHR7:15363838	SSF x Far_LoA	-10,8269181	0,051	0,308
CHR7	15363891	CHR7:15363891	SSF x Far_LoA	-10,3329718	-0,086	0,297
CHR7	15366158	CHR7:15366158	SSF x Far_LoA	-7,05353134	-0,166	0,290
CHR7	15369226	CHR7:15369226	SSF x Far_LoA	-11,3358259	-0,107	0,316
CHR7	15369344	CHR7:15369344	SSF x Far_LoA	-9,02880546	0,021	0,308
CHR7	15369350	CHR7:15369350	SSF x Far_LoA	-8,59384504	0,006	0,305
CHR7	15369391	CHR7:15369391	SSF x Far_LoA	-6,1307229	0,147	0,305
CHR7	1537054	CHR7:1537054	SSF x Far_LoA	-8,85199605	-0,042	0,310
CHR7	15383833	CHR7:15383833	SSF x Far_LoA	-8,32163757	-0,092	0,303
CHR7	15398048	CHR7:15398048	SSF x Far_LoA	-10,1843984	-0,064	0,299
CHR7	15415029	CHR7:15415029	SSF x Far_LoA	-10,0572934	-0,065	0,313
CHR7	15415030	CHR7:15415030	SSF x Far_LoA	-9,83964184	-0,080	0,307
CHR7	15415035	CHR7:15415035	SSF x Far_LoA	-10,8976545	-0,080	0,299
CHR7	15415070	CHR7:15415070	SSF x Far_LoA	-11,1165163	0,068	0,308
CHR7	15417375	CHR7:15417375	SSF x Far_LoA	-7,90026945	-0,047	0,306
CHR7	15417419	CHR7:15417419	SSF x Far_LoA	-9,91616958	-0,066	0,318
CHR7	15417682	CHR7:15417682	SSF x Far_LoA	-12,6057182	0,034	0,299
CHR7	15435491	CHR7:15435491	SSF x Far_LoA	-10,1308573	-0,051	0,304
CHR7	15435517	CHR7:15435517	SSF x Far_LoA	-8,1166332	-0,046	0,329
CHR7	15449796	CHR7:15449796	SSF x Far_LoA	-11,7062364	0,016	0,305
CHR7	15450099	CHR7:15450099	SSF x Far_LoA	-9,49487149	0,040	0,299
CHR7	15450110	CHR7:15450110	SSF x Far_LoA	-9,30145786	-0,060	0,302
CHR7	15450166	CHR7:15450166	SSF x Far_LoA	-9,17287503	-0,030	0,312
CHR7	15452203	CHR7:15452203	SSF x Far_LoA	-9,37683932	-0,037	0,309
CHR7	15464343	CHR7:15464343	SSF x Far_LoA	-11,5576047	0,064	0,308
CHR7	15464348	CHR7:15464348	SSF x Far_LoA	-4,39387037	-0,129	0,294
CHR7	1546794	CHR7:1546794	SSF x Far_LoA	-9,41170646	0,037	0,303
CHR7	1546827	CHR7:1546827	SSF x Far_LoA	-11,3880024	-0,014	0,306
CHR7	1546834	CHR7:1546834	SSF x Far_LoA	-10,5534514	-0,011	0,314
CHR7	1546836	CHR7:1546836	SSF x Far_LoA	-9,97443265	-0,023	0,299
CHR7	1546838	CHR7:1546838	SSF x Far_LoA	-8,77462483	-0,050	0,299
CHR7	1547675	CHR7:1547675	SSF x Far_LoA	-9,17941737	-0,048	0,314
CHR7	15499877	CHR7:15499877	SSF x Far_LoA	-8,15121916	-0,194	0,289
CHR7	15500126	CHR7:15500126	SSF x Far_LoA	-8,67244508	0,020	0,309
CHR7	15500127	CHR7:15500127	SSF x Far_LoA	-8,90207045	0,065	0,311
CHR7	1550075	CHR7:1550075	SSF x Far_LoA	-11,8808977	0,091	0,306

CHR7	1550125	CHR7:1550125	SSF x Far_LoA	-8,67769427	-0,102	0,302
CHR7	15514429	CHR7:15514429	SSF x Far_LoA	-8,10664394	0,087	0,328
CHR7	15514438	CHR7:15514438	SSF x Far_LoA	-8,99903193	0,204	0,295
CHR7	15514522	CHR7:15514522	SSF x Far_LoA	-10,2243221	-0,060	0,318
CHR7	15516489	CHR7:15516489	SSF x Far_LoA	-8,35297601	0,043	0,299
CHR7	15518110	CHR7:15518110	SSF x Far_LoA	-8,14477158	-0,066	0,320
CHR7	15521905	CHR7:15521905	SSF x Far_LoA	-9,13503935	0,025	0,297
CHR7	15521938	CHR7:15521938	SSF x Far_LoA	-8,41709715	0,035	0,298
CHR7	15523124	CHR7:15523124	SSF x Far_LoA	-6,55205874	-0,070	0,316
CHR7	15523146	CHR7:15523146	SSF x Far_LoA	-11,420074	-0,049	0,312
CHR7	15523225	CHR7:15523225	SSF x Far_LoA	2,0898628	-0,083	0,313
CHR7	15540451	CHR7:15540451	SSF x Far_LoA	-9,1297579	-0,074	0,292
CHR7	15552577	CHR7:15552577	SSF x Far_LoA	-9,26123478	0,068	0,307
CHR7	15553384	CHR7:15553384	SSF x Far_LoA	-9,03967708	0,090	0,312
CHR7	15554615	CHR7:15554615	SSF x Far_LoA	-9,20085545	0,003	0,300
CHR7	1556028	CHR7:1556028	SSF x Far_LoA	-9,58794433	-0,053	0,307
CHR7	1556118	CHR7:1556118	SSF x Far_LoA	-9,8216738	-0,053	0,307
CHR7	1556131	CHR7:1556131	SSF x Far_LoA	-9,12236293	-0,058	0,301
CHR7	1556204	CHR7:1556204	SSF x Far_LoA	-9,90944662	0,097	0,301
CHR7	15563732	CHR7:15563732	SSF x Far_LoA	-11,2346308	-0,053	0,312
CHR7	15569782	CHR7:15569782	SSF x Far_LoA	-9,76056528	0,108	0,304
CHR7	15586918	CHR7:15586918	SSF x Far_LoA	-8,86449132	-0,015	0,323
CHR7	15587124	CHR7:15587124	SSF x Far_LoA	-10,6289645	0,106	0,303
CHR7	15587171	CHR7:15587171	SSF x Far_LoA	-7,78889316	0,155	0,298
CHR7	15587199	CHR7:15587199	SSF x Far_LoA	-6,93745947	0,121	0,297
CHR7	1559037	CHR7:1559037	SSF x Far_LoA	-9,59321745	-0,017	0,302
CHR7	1559038	CHR7:1559038	SSF x Far_LoA	-10,627638	0,005	0,301
CHR7	15595904	CHR7:15595904	SSF x Far_LoA	-7,59147576	-0,034	0,293
CHR7	15595929	CHR7:15595929	SSF x Far_LoA	-8,55071563	-0,032	0,309
CHR7	15595930	CHR7:15595930	SSF x Far_LoA	-8,87738024	-0,005	0,305
CHR7	15595932	CHR7:15595932	SSF x Far_LoA	-10,9565331	0,081	0,306
CHR7	15599745	CHR7:15599745	SSF x Far_LoA	-7,9513608	0,125	0,310
CHR7	15599926	CHR7:15599926	SSF x Far_LoA	-9,84692665	0,036	0,306
CHR7	15599957	CHR7:15599957	SSF x Far_LoA	-7,36293616	0,031	0,316
CHR7	15600007	CHR7:15600007	SSF x Far_LoA	-10,7087903	-0,029	0,301
CHR7	1560016	CHR7:1560016	SSF x Far_LoA	-5,81853958	-0,156	0,310
CHR7	1560026	CHR7:1560026	SSF x Far_LoA	-8,06178733	-0,163	0,307
CHR7	1560051	CHR7:1560051	SSF x Far_LoA	-5,98340776	-0,149	0,294
CHR7	1560064	CHR7:1560064	SSF x Far_LoA	-11,0694465	0,007	0,296
CHR7	15606862	CHR7:15606862	SSF x Far_LoA	-10,5595898	-0,023	0,306
CHR7	15606906	CHR7:15606906	SSF x Far_LoA	-9,52510083	-0,126	0,305
CHR7	15606929	CHR7:15606929	SSF x Far_LoA	-11,2798468	0,060	0,310
CHR7	15607072	CHR7:15607072	SSF x Far_LoA	-9,35528011	0,001	0,305
CHR7	15607089	CHR7:15607089	SSF x Far_LoA	-8,21202266	0,070	0,295
CHR7	1560974	CHR7:1560974	SSF x Far_LoA	-8,92677374	0,047	0,296
CHR7	15611221	CHR7:15611221	SSF x Far_LoA	-7,67582598	-0,089	0,322
CHR7	15611256	CHR7:15611256	SSF x Far_LoA	-8,38110847	-0,060	0,304
CHR7	15611337	CHR7:15611337	SSF x Far_LoA	-12,1324055	0,043	0,297
CHR7	15613958	CHR7:15613958	SSF x Far_LoA	-11,0638967	0,033	0,316
CHR7	15624746	CHR7:15624746	SSF x Far_LoA	-10,129605	0,091	0,296
CHR7	15625107	CHR7:15625107	SSF x Far_LoA	-11,4826964	0,000	0,301
CHR7	15629536	CHR7:15629536	SSF x Far_LoA	-11,5909141	-0,014	0,311
CHR7	15629549	CHR7:15629549	SSF x Far_LoA	-9,45317443	-0,041	0,304

CHR7	15631894	CHR7:15631894	SSF x Far_LoA	-11,7875514	-0,001	0,297
CHR7	15637000	CHR7:15637000	SSF x Far_LoA	-8,58184154	0,101	0,298
CHR7	15637981	CHR7:15637981	SSF x Far_LoA	-9,55279142	-0,038	0,306
CHR7	15644835	CHR7:15644835	SSF x Far_LoA	-9,89526053	-0,060	0,315
CHR7	15645944	CHR7:15645944	SSF x Far_LoA	-8,32046323	-0,135	0,295
CHR7	15646112	CHR7:15646112	SSF x Far_LoA	-10,253668	-0,019	0,322
CHR7	15655035	CHR7:15655035	SSF x Far_LoA	-10,5703398	0,124	0,307
CHR7	15655153	CHR7:15655153	SSF x Far_LoA	-8,28768254	-0,037	0,313
CHR7	15657186	CHR7:15657186	SSF x Far_LoA	-9,36577609	0,045	0,307
CHR7	15657273	CHR7:15657273	SSF x Far_LoA	-6,57090382	-0,017	0,324
CHR7	15657285	CHR7:15657285	SSF x Far_LoA	-10,3115814	-0,126	0,301
CHR7	15669707	CHR7:15669707	SSF x Far_LoA	-12,1936991	0,083	0,303
CHR7	1568280	CHR7:1568280	SSF x Far_LoA	-8,63255722	0,065	0,302
CHR7	15684833	CHR7:15684833	SSF x Far_LoA	-6,42473939	0,010	0,309
CHR7	15684835	CHR7:15684835	SSF x Far_LoA	-4,39840051	-0,297	0,264
CHR7	15684855	CHR7:15684855	SSF x Far_LoA	-5,76367824	-0,020	0,296
CHR7	15684887	CHR7:15684887	SSF x Far_LoA	-9,30799985	0,023	0,311
CHR7	15684908	CHR7:15684908	SSF x Far_LoA	-7,35542486	-0,165	0,307
CHR7	15684919	CHR7:15684919	SSF x Far_LoA	-6,80447368	-0,023	0,308
CHR7	1569137	CHR7:1569137	SSF x Far_LoA	-7,87261687	-0,121	0,310
CHR7	15693617	CHR7:15693617	SSF x Far_LoA	-8,57157313	-0,100	0,293
CHR7	15693661	CHR7:15693661	SSF x Far_LoA	-7,36302913	-0,108	0,302
CHR7	15693662	CHR7:15693662	SSF x Far_LoA	-6,60640995	0,140	0,292
CHR7	15693718	CHR7:15693718	SSF x Far_LoA	-6,29710771	-0,169	0,303
CHR7	15693721	CHR7:15693721	SSF x Far_LoA	-10,2363099	-0,142	0,307
CHR7	15699992	CHR7:15699992	SSF x Far_LoA	-7,75294206	0,133	0,299
CHR7	15699996	CHR7:15699996	SSF x Far_LoA	-8,91392431	0,091	0,290
CHR7	15700034	CHR7:15700034	SSF x Far_LoA	-10,2744648	0,026	0,291
CHR7	15700067	CHR7:15700067	SSF x Far_LoA	-9,1469167	-0,071	0,313
CHR7	15700101	CHR7:15700101	SSF x Far_LoA	-10,6516934	-0,085	0,307
CHR7	15700113	CHR7:15700113	SSF x Far_LoA	-11,430978	-0,098	0,295
CHR7	15700119	CHR7:15700119	SSF x Far_LoA	-6,96195885	-0,025	0,307
CHR7	15700122	CHR7:15700122	SSF x Far_LoA	-10,6076028	0,026	0,304
CHR7	15703061	CHR7:15703061	SSF x Far_LoA	-11,0519439	-0,006	0,293
CHR7	15703086	CHR7:15703086	SSF x Far_LoA	-4,56318057	0,042	0,302
CHR7	15703291	CHR7:15703291	SSF x Far_LoA	-7,15393599	-0,013	0,308
CHR7	15714354	CHR7:15714354	SSF x Far_LoA	-9,18525451	0,016	0,305
CHR7	15714410	CHR7:15714410	SSF x Far_LoA	-3,46327057	0,066	0,298
CHR7	15714464	CHR7:15714464	SSF x Far_LoA	-8,94990825	0,045	0,303
CHR7	15714466	CHR7:15714466	SSF x Far_LoA	-6,94296437	-0,031	0,319
CHR7	15714484	CHR7:15714484	SSF x Far_LoA	-8,76941436	-0,058	0,316
CHR7	15720432	CHR7:15720432	SSF x Far_LoA	-9,15354065	-0,065	0,308
CHR7	15720448	CHR7:15720448	SSF x Far_LoA	-8,09857766	0,151	0,288
CHR7	15720476	CHR7:15720476	SSF x Far_LoA	-11,3152553	0,066	0,304
CHR7	15723013	CHR7:15723013	SSF x Far_LoA	-6,12667193	-0,106	0,305
CHR7	15723015	CHR7:15723015	SSF x Far_LoA	-10,6886798	-0,127	0,294
CHR7	15723047	CHR7:15723047	SSF x Far_LoA	-11,3578327	-0,122	0,290
CHR7	15723077	CHR7:15723077	SSF x Far_LoA	-8,54578956	0,063	0,303
CHR7	15723110	CHR7:15723110	SSF x Far_LoA	-7,24953066	-0,061	0,326
CHR7	15723138	CHR7:15723138	SSF x Far_LoA	-5,70067831	-0,174	0,297
CHR7	15723222	CHR7:15723222	SSF x Far_LoA	-10,9413785	-0,138	0,284
CHR7	15731469	CHR7:15731469	SSF x Far_LoA	-9,98237426	0,061	0,301
CHR7	1573357	CHR7:1573357	SSF x Far_LoA	-10,7464314	-0,069	0,306

CHR7	15735837	CHR7:15735837	SSF x Far_LoA	-10,791828	-0,046	0,310
CHR7	15735838	CHR7:15735838	SSF x Far_LoA	-10,2832308	-0,034	0,301
CHR7	15735943	CHR7:15735943	SSF x Far_LoA	-10,4176215	0,115	0,296
CHR7	15735950	CHR7:15735950	SSF x Far_LoA	-11,2852927	0,085	0,310
CHR7	15745444	CHR7:15745444	SSF x Far_LoA	-8,90837949	0,099	0,313
CHR7	15745507	CHR7:15745507	SSF x Far_LoA	-10,6219743	0,113	0,293
CHR7	15745521	CHR7:15745521	SSF x Far_LoA	-8,85823242	-0,031	0,310
CHR7	15745535	CHR7:15745535	SSF x Far_LoA	-7,90302651	-0,023	0,320
CHR7	15745551	CHR7:15745551	SSF x Far_LoA	-4,32084655	0,104	0,309
CHR7	15764592	CHR7:15764592	SSF x Far_LoA	-4,75548173	0,105	0,326
CHR7	15764754	CHR7:15764754	SSF x Far_LoA	-7,48861873	-0,091	0,317
CHR7	15768196	CHR7:15768196	SSF x Far_LoA	-7,83704176	-0,157	0,307
CHR7	15768197	CHR7:15768197	SSF x Far_LoA	-7,01046012	-0,075	0,293
CHR7	15768198	CHR7:15768198	SSF x Far_LoA	-7,96944132	0,107	0,298
CHR7	15768270	CHR7:15768270	SSF x Far_LoA	-10,2596325	0,010	0,317
CHR7	1577994	CHR7:1577994	SSF x Far_LoA	-6,67705463	0,071	0,306
CHR7	15780076	CHR7:15780076	SSF x Far_LoA	-11,0995178	-0,069	0,304
CHR7	15780080	CHR7:15780080	SSF x Far_LoA	-9,00098455	0,040	0,306
CHR7	15780146	CHR7:15780146	SSF x Far_LoA	-4,59317872	0,051	0,297
CHR7	15780173	CHR7:15780173	SSF x Far_LoA	-9,90161624	-0,128	0,295
CHR7	15780185	CHR7:15780185	SSF x Far_LoA	-7,9664958	0,068	0,322
CHR7	15780268	CHR7:15780268	SSF x Far_LoA	-10,5776565	-0,193	0,286
CHR7	15780288	CHR7:15780288	SSF x Far_LoA	-9,48999332	-0,128	0,300
CHR7	15780300	CHR7:15780300	SSF x Far_LoA	-7,72639497	0,171	0,291
CHR7	15782752	CHR7:15782752	SSF x Far_LoA	-10,7508105	-0,080	0,303
CHR7	15782826	CHR7:15782826	SSF x Far_LoA	-8,88411021	0,113	0,314
CHR7	15783049	CHR7:15783049	SSF x Far_LoA	-8,78735227	0,104	0,303
CHR7	15783100	CHR7:15783100	SSF x Far_LoA	-5,23733899	-0,075	0,312
CHR7	15783101	CHR7:15783101	SSF x Far_LoA	-7,77074195	0,001	0,317
CHR7	15783133	CHR7:15783133	SSF x Far_LoA	-10,7613466	-0,059	0,308
CHR7	15786729	CHR7:15786729	SSF x Far_LoA	-5,86506921	-0,015	0,303
CHR7	15790021	CHR7:15790021	SSF x Far_LoA	-9,92716204	-0,088	0,284
CHR7	15792862	CHR7:15792862	SSF x Far_LoA	-8,91655616	0,028	0,326
CHR7	15798953	CHR7:15798953	SSF x Far_LoA	-7,69309039	-0,111	0,298
CHR7	15799013	CHR7:15799013	SSF x Far_LoA	-7,93827718	0,031	0,310
CHR7	15799027	CHR7:15799027	SSF x Far_LoA	-11,0234748	0,032	0,299
CHR7	15807215	CHR7:15807215	SSF x Far_LoA	-9,92013468	-0,082	0,298
CHR7	15807408	CHR7:15807408	SSF x Far_LoA	-7,018376	0,141	0,312
CHR7	15807425	CHR7:15807425	SSF x Far_LoA	-7,88754773	-0,108	0,312
CHR7	15807445	CHR7:15807445	SSF x Far_LoA	-9,81251087	-0,008	0,315
CHR7	15818228	CHR7:15818228	SSF x Far_LoA	-8,84436862	0,087	0,308
CHR7	1582251	CHR7:1582251	SSF x Far_LoA	-7,11555307	0,133	0,294
CHR7	15825631	CHR7:15825631	SSF x Far_LoA	-7,62539752	-0,010	0,312
CHR7	15833852	CHR7:15833852	SSF x Far_LoA	-8,97774965	-0,126	0,295
CHR7	15833857	CHR7:15833857	SSF x Far_LoA	-6,64746355	-0,131	0,298
CHR7	15833885	CHR7:15833885	SSF x Far_LoA	-11,8289765	0,049	0,290
CHR7	15833900	CHR7:15833900	SSF x Far_LoA	-11,3412641	0,060	0,309
CHR7	15833911	CHR7:15833911	SSF x Far_LoA	-10,0166262	0,014	0,300
CHR7	1583938	CHR7:1583938	SSF x Far_LoA	-10,203908	-0,105	0,306
CHR7	15853153	CHR7:15853153	SSF x Far_LoA	-6,56680827	-0,033	0,315
CHR7	15853159	CHR7:15853159	SSF x Far_LoA	-10,5341356	-0,037	0,304
CHR7	15853885	CHR7:15853885	SSF x Far_LoA	-9,62496569	0,028	0,301
CHR7	15862145	CHR7:15862145	SSF x Far_LoA	-7,86139957	-0,011	0,299

CHR7	15863022	CHR7:15863022	SSF x Far_LoA	-11,636679	0,014	0,299
CHR7	15863105	CHR7:15863105	SSF x Far_LoA	-10,4781983	0,019	0,316
CHR7	15863237	CHR7:15863237	SSF x Far_LoA	-10,5682099	0,016	0,308
CHR7	1586845	CHR7:1586845	SSF x Far_LoA	-8,64163322	0,074	0,296
CHR7	1586892	CHR7:1586892	SSF x Far_LoA	-9,12404422	0,027	0,317
CHR7	15869171	CHR7:15869171	SSF x Far_LoA	-8,0762086	-0,070	0,309
CHR7	15888652	CHR7:15888652	SSF x Far_LoA	-9,86258891	0,172	0,305
CHR7	15888658	CHR7:15888658	SSF x Far_LoA	-9,61067722	0,095	0,311
CHR7	15888736	CHR7:15888736	SSF x Far_LoA	-9,40786458	0,113	0,300
CHR7	15888742	CHR7:15888742	SSF x Far_LoA	-10,7114038	0,037	0,293
CHR7	15888848	CHR7:15888848	SSF x Far_LoA	-11,7102352	-0,002	0,304
CHR7	15899987	CHR7:15899987	SSF x Far_LoA	-9,28280415	0,024	0,310
CHR7	15900187	CHR7:15900187	SSF x Far_LoA	-11,0886681	0,131	0,303
CHR7	15907293	CHR7:15907293	SSF x Far_LoA	-8,86458446	0,043	0,312
CHR7	15907306	CHR7:15907306	SSF x Far_LoA	-9,05422579	-0,071	0,313
CHR7	15911552	CHR7:15911552	SSF x Far_LoA	-9,55337527	-0,103	0,310
CHR7	15911556	CHR7:15911556	SSF x Far_LoA	-10,4025664	0,053	0,291
CHR7	15911557	CHR7:15911557	SSF x Far_LoA	-10,6113792	-0,064	0,305
CHR7	15911580	CHR7:15911580	SSF x Far_LoA	-9,7065127	0,036	0,305
CHR7	15915353	CHR7:15915353	SSF x Far_LoA	-7,75284711	0,107	0,290
CHR7	15915438	CHR7:15915438	SSF x Far_LoA	-6,69262314	0,111	0,312
CHR7	15915458	CHR7:15915458	SSF x Far_LoA	-9,51169168	0,089	0,299
CHR7	1593212	CHR7:1593212	SSF x Far_LoA	-7,65628461	0,106	0,305
CHR7	15938270	CHR7:15938270	SSF x Far_LoA	-9,50626165	-0,033	0,302
CHR7	15938338	CHR7:15938338	SSF x Far_LoA	-11,7539356	-0,009	0,307
CHR7	15938381	CHR7:15938381	SSF x Far_LoA	-9,77986069	0,073	0,283
CHR7	15940971	CHR7:15940971	SSF x Far_LoA	-6,10074751	0,065	0,305
CHR7	15948265	CHR7:15948265	SSF x Far_LoA	-11,2108069	0,043	0,308
CHR7	15955924	CHR7:15955924	SSF x Far_LoA	-10,5768433	-0,064	0,314
CHR7	15955947	CHR7:15955947	SSF x Far_LoA	-10,3528662	-0,070	0,283
CHR7	15956008	CHR7:15956008	SSF x Far_LoA	-8,79665769	-0,074	0,309
CHR7	15956026	CHR7:15956026	SSF x Far_LoA	-9,02329996	-0,102	0,301
CHR7	15956036	CHR7:15956036	SSF x Far_LoA	-11,3558971	0,047	0,305
CHR7	15956043	CHR7:15956043	SSF x Far_LoA	-5,11185181	-0,134	0,313
CHR7	15956073	CHR7:15956073	SSF x Far_LoA	-9,17348166	-0,065	0,311
CHR7	15956076	CHR7:15956076	SSF x Far_LoA	-10,3887431	-0,120	0,298
CHR7	15956083	CHR7:15956083	SSF x Far_LoA	-8,85459164	-0,040	0,304
CHR7	15956088	CHR7:15956088	SSF x Far_LoA	-9,16688917	-0,075	0,310
CHR7	15956144	CHR7:15956144	SSF x Far_LoA	-8,96443133	0,104	0,304
CHR7	15972307	CHR7:15972307	SSF x Far_LoA	-8,92613851	0,080	0,302
CHR7	15984536	CHR7:15984536	SSF x Far_LoA	-10,6413913	0,023	0,312
CHR7	15987005	CHR7:15987005	SSF x Far_LoA	-1,62815482	0,076	0,313
CHR7	15987046	CHR7:15987046	SSF x Far_LoA	-7,24304442	0,071	0,312
CHR7	15987071	CHR7:15987071	SSF x Far_LoA	-4,01198705	-0,090	0,315
CHR7	15987138	CHR7:15987138	SSF x Far_LoA	-9,88083321	-0,001	0,326
CHR7	15987197	CHR7:15987197	SSF x Far_LoA	-10,9625454	0,086	0,304
CHR7	15987208	CHR7:15987208	SSF x Far_LoA	-9,76026793	-0,094	0,306
CHR7	15993023	CHR7:15993023	SSF x Far_LoA	-11,2906337	-0,007	0,308
CHR7	16000668	CHR7:16000668	SSF x Far_LoA	-7,86604571	-0,016	0,306
CHR7	16000670	CHR7:16000670	SSF x Far_LoA	-6,68311992	0,077	0,308
CHR7	16001046	CHR7:16001046	SSF x Far_LoA	-8,53902249	-0,006	0,316
CHR7	16003446	CHR7:16003446	SSF x Far_LoA	-5,77980433	0,141	0,300
CHR7	16003491	CHR7:16003491	SSF x Far_LoA	-5,22777147	0,157	0,296

CHR7	16003496	CHR7:16003496	SSF x Far_LoA	-9,24386916	0,174	0,306
CHR7	16003510	CHR7:16003510	SSF x Far_LoA	-9,39528116	-0,045	0,308
CHR7	16003515	CHR7:16003515	SSF x Far_LoA	-11,240929	-0,012	0,297
CHR7	16003583	CHR7:16003583	SSF x Far_LoA	-9,92786843	0,054	0,309
CHR7	16006642	CHR7:16006642	SSF x Far_LoA	-10,311076	0,051	0,320
CHR7	16008663	CHR7:16008663	SSF x Far_LoA	-4,21672811	-0,144	0,306
CHR7	16008674	CHR7:16008674	SSF x Far_LoA	-7,55393296	-0,140	0,303
CHR7	16008751	CHR7:16008751	SSF x Far_LoA	-9,73901396	-0,063	0,298
CHR7	16008752	CHR7:16008752	SSF x Far_LoA	-9,09856329	-0,073	0,292
CHR7	16008768	CHR7:16008768	SSF x Far_LoA	-10,5215404	0,038	0,298
CHR7	16017409	CHR7:16017409	SSF x Far_LoA	-11,1462621	0,020	0,307
CHR7	16017410	CHR7:16017410	SSF x Far_LoA	-9,59415395	-0,099	0,298
CHR7	16017429	CHR7:16017429	SSF x Far_LoA	-9,57501393	0,015	0,296
CHR7	16017441	CHR7:16017441	SSF x Far_LoA	-9,59936226	0,021	0,312
CHR7	16019304	CHR7:16019304	SSF x Far_LoA	-9,41018613	-0,150	0,302
CHR7	1602251	CHR7:1602251	SSF x Far_LoA	-8,48565178	0,009	0,295
CHR7	1602309	CHR7:1602309	SSF x Far_LoA	-9,32954725	0,036	0,316
CHR7	1602349	CHR7:1602349	SSF x Far_LoA	-7,57463953	0,055	0,305
CHR7	16036873	CHR7:16036873	SSF x Far_LoA	-9,11308495	0,106	0,308
CHR7	16036877	CHR7:16036877	SSF x Far_LoA	-7,42814951	-0,023	0,307
CHR7	16036897	CHR7:16036897	SSF x Far_LoA	-9,55002149	-0,159	0,306
CHR7	16037023	CHR7:16037023	SSF x Far_LoA	-9,89907623	-0,006	0,311
CHR7	16037140	CHR7:16037140	SSF x Far_LoA	-9,76643466	0,077	0,301
CHR7	16037208	CHR7:16037208	SSF x Far_LoA	-10,1257962	0,071	0,313
CHR7	16039435	CHR7:16039435	SSF x Far_LoA	-8,23180641	0,049	0,302
CHR7	16040277	CHR7:16040277	SSF x Far_LoA	-9,69018537	0,025	0,297
CHR7	16056433	CHR7:16056433	SSF x Far_LoA	-7,50129071	-0,060	0,326
CHR7	16056541	CHR7:16056541	SSF x Far_LoA	-9,99650353	0,032	0,299
CHR7	16056606	CHR7:16056606	SSF x Far_LoA	-9,12727443	0,060	0,293
CHR7	16076869	CHR7:16076869	SSF x Far_LoA	-11,0406715	-0,009	0,306
CHR7	16080879	CHR7:16080879	SSF x Far_LoA	-11,0251381	-0,044	0,308
CHR7	16093750	CHR7:16093750	SSF x Far_LoA	-1,88543107	0,208	0,310
CHR7	16093816	CHR7:16093816	SSF x Far_LoA	-9,2981992	0,076	0,319
CHR7	16098289	CHR7:16098289	SSF x Far_LoA	-8,44388251	0,064	0,314
CHR7	1609949	CHR7:1609949	SSF x Far_LoA	-11,8047068	0,039	0,287
CHR7	1609966	CHR7:1609966	SSF x Far_LoA	-8,98307298	-0,046	0,319
CHR7	1609991	CHR7:1609991	SSF x Far_LoA	-8,74543687	0,077	0,304
CHR7	1610030	CHR7:1610030	SSF x Far_LoA	-9,94577075	0,033	0,301
CHR7	1610075	CHR7:1610075	SSF x Far_LoA	-9,52134735	-0,044	0,319
CHR7	1610918	CHR7:1610918	SSF x Far_LoA	-9,42383158	0,120	0,305
CHR7	1610969	CHR7:1610969	SSF x Far_LoA	-8,80259474	0,041	0,309
CHR7	1610991	CHR7:1610991	SSF x Far_LoA	-9,6916801	-0,022	0,309
CHR7	1611076	CHR7:1611076	SSF x Far_LoA	-7,67373749	-0,022	0,316
CHR7	1611085	CHR7:1611085	SSF x Far_LoA	-10,9021566	0,050	0,304
CHR7	1611089	CHR7:1611089	SSF x Far_LoA	-7,65454668	-0,190	0,292
CHR7	1611110	CHR7:1611110	SSF x Far_LoA	-6,34363577	-0,125	0,319
CHR7	16116089	CHR7:16116089	SSF x Far_LoA	-2,56557034	0,176	0,305
CHR7	16116455	CHR7:16116455	SSF x Far_LoA	-9,77635858	0,125	0,298
CHR7	16121750	CHR7:16121750	SSF x Far_LoA	-10,6282674	0,067	0,303
CHR7	16121777	CHR7:16121777	SSF x Far_LoA	-10,3690161	-0,022	0,309
CHR7	16121793	CHR7:16121793	SSF x Far_LoA	-10,1777992	0,127	0,303
CHR7	16121860	CHR7:16121860	SSF x Far_LoA	-5,27926992	0,182	0,299
CHR7	16121883	CHR7:16121883	SSF x Far_LoA	-7,07303003	0,135	0,297

CHR7	16123274	CHR7:16123274	SSF x Far_LoA	-5,98250378	0,159	0,298
CHR7	16123278	CHR7:16123278	SSF x Far_LoA	-7,24607578	0,009	0,302
CHR7	16123373	CHR7:16123373	SSF x Far_LoA	-9,72237667	-0,019	0,312
CHR7	16132234	CHR7:16132234	SSF x Far_LoA	-8,26902463	0,091	0,315
CHR7	16137567	CHR7:16137567	SSF x Far_LoA	-7,89022772	0,125	0,306
CHR7	16139686	CHR7:16139686	SSF x Far_LoA	-9,21517518	-0,073	0,313
CHR7	16139710	CHR7:16139710	SSF x Far_LoA	-10,3077178	0,024	0,311
CHR7	16143976	CHR7:16143976	SSF x Far_LoA	-9,79803932	-0,099	0,307
CHR7	16143980	CHR7:16143980	SSF x Far_LoA	-10,3158324	-0,076	0,318
CHR7	16144008	CHR7:16144008	SSF x Far_LoA	-9,31643939	-0,010	0,326
CHR7	16144010	CHR7:16144010	SSF x Far_LoA	-5,42621346	-0,061	0,307
CHR7	16144015	CHR7:16144015	SSF x Far_LoA	-11,0947569	-0,050	0,302
CHR7	16144024	CHR7:16144024	SSF x Far_LoA	-8,91719307	0,017	0,316
CHR7	16144028	CHR7:16144028	SSF x Far_LoA	-10,1837252	-0,033	0,304
CHR7	16144039	CHR7:16144039	SSF x Far_LoA	-9,76933013	-0,016	0,316
CHR7	16144043	CHR7:16144043	SSF x Far_LoA	-9,63409767	-0,004	0,317
CHR7	16144083	CHR7:16144083	SSF x Far_LoA	-9,84355479	-0,132	0,311
CHR7	16144084	CHR7:16144084	SSF x Far_LoA	-10,0560528	-0,109	0,308
CHR7	16145926	CHR7:16145926	SSF x Far_LoA	-8,58200901	0,070	0,300
CHR7	16145927	CHR7:16145927	SSF x Far_LoA	-7,09214692	0,086	0,318
CHR7	16145928	CHR7:16145928	SSF x Far_LoA	-7,65215969	0,081	0,306
CHR7	16146325	CHR7:16146325	SSF x Far_LoA	-7,28719999	-0,068	0,304
CHR7	16147450	CHR7:16147450	SSF x Far_LoA	-6,15436257	-0,199	0,288
CHR7	16147457	CHR7:16147457	SSF x Far_LoA	-3,22420399	-0,225	0,277
CHR7	16147470	CHR7:16147470	SSF x Far_LoA	-3,50074235	-0,219	0,288
CHR7	16147476	CHR7:16147476	SSF x Far_LoA	-5,31419994	0,105	0,301
CHR7	16147479	CHR7:16147479	SSF x Far_LoA	-6,88460943	-0,173	0,298
CHR7	16147480	CHR7:16147480	SSF x Far_LoA	-5,91461473	0,098	0,303
CHR7	16147654	CHR7:16147654	SSF x Far_LoA	-4,69277573	0,270	0,262
CHR7	16156126	CHR7:16156126	SSF x Far_LoA	-8,49539248	-0,005	0,322
CHR7	16156260	CHR7:16156260	SSF x Far_LoA	-6,79014873	-0,097	0,306
CHR7	16156785	CHR7:16156785	SSF x Far_LoA	-10,4492295	0,025	0,304
CHR7	16160799	CHR7:16160799	SSF x Far_LoA	-8,79330502	-0,044	0,303
CHR7	16160800	CHR7:16160800	SSF x Far_LoA	-9,40997169	-0,048	0,309
CHR7	16161321	CHR7:16161321	SSF x Far_LoA	-11,093443	-0,006	0,298
CHR7	16161322	CHR7:16161322	SSF x Far_LoA	-8,83985249	0,082	0,303
CHR7	16161323	CHR7:16161323	SSF x Far_LoA	-7,73878669	0,111	0,298
CHR7	1616168	CHR7:1616168	SSF x Far_LoA	-9,5271562	0,032	0,301
CHR7	1616222	CHR7:1616222	SSF x Far_LoA	-9,78639664	0,003	0,308
CHR7	1616259	CHR7:1616259	SSF x Far_LoA	-4,88744324	0,170	0,312
CHR7	1616267	CHR7:1616267	SSF x Far_LoA	-9,31527351	0,047	0,307
CHR7	1616269	CHR7:1616269	SSF x Far_LoA	-9,23083366	0,044	0,315
CHR7	1616278	CHR7:1616278	SSF x Far_LoA	-8,01461805	-0,104	0,315
CHR7	1616287	CHR7:1616287	SSF x Far_LoA	-7,87334204	0,092	0,325
CHR7	1616332	CHR7:1616332	SSF x Far_LoA	-8,98376394	-0,123	0,310
CHR7	1616334	CHR7:1616334	SSF x Far_LoA	-9,32381416	-0,119	0,294
CHR7	16184604	CHR7:16184604	SSF x Far_LoA	-10,5598094	0,039	0,307
CHR7	16184636	CHR7:16184636	SSF x Far_LoA	-8,80577109	-0,042	0,292
CHR7	16184637	CHR7:16184637	SSF x Far_LoA	-9,68851699	0,097	0,311
CHR7	16184803	CHR7:16184803	SSF x Far_LoA	-10,7238106	-0,064	0,295
CHR7	16189999	CHR7:16189999	SSF x Far_LoA	-11,2399144	0,053	0,311
CHR7	16190022	CHR7:16190022	SSF x Far_LoA	-10,6487745	0,106	0,308
CHR7	16192343	CHR7:16192343	SSF x Far_LoA	-3,06345256	0,160	0,300

CHR7	16192348	CHR7:16192348	SSF x Far_LoA	-7,53534994	-0,090	0,310
CHR7	16192363	CHR7:16192363	SSF x Far_LoA	-9,46021676	0,049	0,300
CHR7	16192374	CHR7:16192374	SSF x Far_LoA	-12,2639827	0,034	0,299
CHR7	16195553	CHR7:16195553	SSF x Far_LoA	-9,38021374	0,057	0,303
CHR7	16195703	CHR7:16195703	SSF x Far_LoA	-6,82645143	0,039	0,320
CHR7	16195745	CHR7:16195745	SSF x Far_LoA	-8,54586967	-0,065	0,327
CHR7	16197277	CHR7:16197277	SSF x Far_LoA	-11,3472297	-0,016	0,307
CHR7	16197331	CHR7:16197331	SSF x Far_LoA	-6,42193432	-0,181	0,292
CHR7	16197364	CHR7:16197364	SSF x Far_LoA	-10,2478276	-0,117	0,288
CHR7	16197479	CHR7:16197479	SSF x Far_LoA	-7,21355109	-0,095	0,302
CHR7	16199299	CHR7:16199299	SSF x Far_LoA	-1,30192598	-0,051	0,307
CHR7	16199357	CHR7:16199357	SSF x Far_LoA	-10,7446446	-0,003	0,317
CHR7	16199362	CHR7:16199362	SSF x Far_LoA	-11,0501882	0,002	0,313
CHR7	16199363	CHR7:16199363	SSF x Far_LoA	-11,6959879	0,008	0,303
CHR7	16199387	CHR7:16199387	SSF x Far_LoA	-8,02251014	-0,041	0,314
CHR7	16199407	CHR7:16199407	SSF x Far_LoA	1,60063912	-0,154	0,296
CHR7	16199413	CHR7:16199413	SSF x Far_LoA	-9,90927072	0,034	0,309
CHR7	16199417	CHR7:16199417	SSF x Far_LoA	-7,57258524	0,143	0,294
CHR7	16199426	CHR7:16199426	SSF x Far_LoA	-8,24290778	-0,144	0,304
CHR7	16206600	CHR7:16206600	SSF x Far_LoA	-11,6004659	0,012	0,301
CHR7	16206647	CHR7:16206647	SSF x Far_LoA	-8,09613865	0,002	0,330
CHR7	16208986	CHR7:16208986	SSF x Far_LoA	-9,83775978	0,054	0,300
CHR7	16213252	CHR7:16213252	SSF x Far_LoA	-6,803776	-0,085	0,281
CHR7	16213376	CHR7:16213376	SSF x Far_LoA	-10,1567023	0,090	0,295
CHR7	16222825	CHR7:16222825	SSF x Far_LoA	-11,0440591	0,040	0,305
CHR7	16222883	CHR7:16222883	SSF x Far_LoA	-7,98540139	0,060	0,301
CHR7	16222895	CHR7:16222895	SSF x Far_LoA	-11,7162376	0,021	0,296
CHR7	16223103	CHR7:16223103	SSF x Far_LoA	-7,06979091	-0,108	0,306
CHR7	1623044	CHR7:1623044	SSF x Far_LoA	-8,38491846	0,062	0,322
CHR7	16230557	CHR7:16230557	SSF x Far_LoA	-10,6827339	0,086	0,303
CHR7	16230558	CHR7:16230558	SSF x Far_LoA	-9,65814539	-0,007	0,296
CHR7	16230561	CHR7:16230561	SSF x Far_LoA	-9,94920568	-0,003	0,306
CHR7	1623057	CHR7:1623057	SSF x Far_LoA	-7,97693946	-0,085	0,306
CHR7	16230708	CHR7:16230708	SSF x Far_LoA	-9,07117023	-0,069	0,309
CHR7	16230720	CHR7:16230720	SSF x Far_LoA	-9,64976744	-0,084	0,299
CHR7	1623102	CHR7:1623102	SSF x Far_LoA	8,36952816	-0,208	0,290
CHR7	1623145	CHR7:1623145	SSF x Far_LoA	-9,28434281	-0,072	0,301
CHR7	1623153	CHR7:1623153	SSF x Far_LoA	-10,8465534	0,080	0,308
CHR7	1623214	CHR7:1623214	SSF x Far_LoA	-9,39254309	0,010	0,305
CHR7	16250149	CHR7:16250149	SSF x Far_LoA	-8,13434646	0,116	0,306
CHR7	16256471	CHR7:16256471	SSF x Far_LoA	-10,4178872	0,030	0,307
CHR7	16259319	CHR7:16259319	SSF x Far_LoA	-6,8877568	-0,130	0,307
CHR7	16259369	CHR7:16259369	SSF x Far_LoA	-9,7115531	-0,075	0,311
CHR7	16259477	CHR7:16259477	SSF x Far_LoA	-10,4893562	-0,036	0,315
CHR7	16259540	CHR7:16259540	SSF x Far_LoA	-11,8565113	0,041	0,308
CHR7	16259548	CHR7:16259548	SSF x Far_LoA	-10,4021273	-0,104	0,301
CHR7	16259586	CHR7:16259586	SSF x Far_LoA	-8,90615822	0,005	0,310
CHR7	16259596	CHR7:16259596	SSF x Far_LoA	-9,09458661	0,003	0,319
CHR7	16259603	CHR7:16259603	SSF x Far_LoA	-10,9774426	0,062	0,305
CHR7	16259611	CHR7:16259611	SSF x Far_LoA	-6,70790233	0,044	0,311
CHR7	16274744	CHR7:16274744	SSF x Far_LoA	-11,8763174	-0,052	0,310
CHR7	16274750	CHR7:16274750	SSF x Far_LoA	-7,41173404	-0,058	0,304
CHR7	16274751	CHR7:16274751	SSF x Far_LoA	-10,5087327	-0,022	0,290

CHR7	16274763	CHR7:16274763	SSF x Far_LoA	-10,4162542	-0,016	0,313
CHR7	16279666	CHR7:16279666	SSF x Far_LoA	-11,8411075	-0,015	0,315
CHR7	16279720	CHR7:16279720	SSF x Far_LoA	-9,57690856	0,010	0,332
CHR7	16279794	CHR7:16279794	SSF x Far_LoA	-10,9823519	0,020	0,302
CHR7	16279801	CHR7:16279801	SSF x Far_LoA	-9,78502758	-0,072	0,307
CHR7	16279850	CHR7:16279850	SSF x Far_LoA	-5,39865811	0,082	0,299
CHR7	16280635	CHR7:16280635	SSF x Far_LoA	-11,2162053	-0,041	0,308
CHR7	16280667	CHR7:16280667	SSF x Far_LoA	-10,2454621	0,018	0,301
CHR7	16280687	CHR7:16280687	SSF x Far_LoA	-8,7831075	0,031	0,314
CHR7	16280724	CHR7:16280724	SSF x Far_LoA	-4,32525411	-0,038	0,299
CHR7	16285440	CHR7:16285440	SSF x Far_LoA	-9,78198884	-0,089	0,308
CHR7	16285448	CHR7:16285448	SSF x Far_LoA	-10,8311911	-0,055	0,307
CHR7	1629351	CHR7:1629351	SSF x Far_LoA	-11,1176493	-0,021	0,306
CHR7	1629375	CHR7:1629375	SSF x Far_LoA	-7,47166263	-0,103	0,305
CHR7	1629482	CHR7:1629482	SSF x Far_LoA	-12,1196586	-0,017	0,305
CHR7	16302470	CHR7:16302470	SSF x Far_LoA	-8,60845923	-0,053	0,294
CHR7	16302492	CHR7:16302492	SSF x Far_LoA	-10,4654954	0,033	0,307
CHR7	16302518	CHR7:16302518	SSF x Far_LoA	-8,01451315	-0,106	0,297
CHR7	16302626	CHR7:16302626	SSF x Far_LoA	-5,71155175	-0,153	0,311
CHR7	16302680	CHR7:16302680	SSF x Far_LoA	-9,40537354	-0,066	0,306
CHR7	16304558	CHR7:16304558	SSF x Far_LoA	-6,55919389	-0,001	0,314
CHR7	1630975	CHR7:1630975	SSF x Far_LoA	-7,94127664	-0,129	0,305
CHR7	16313548	CHR7:16313548	SSF x Far_LoA	-8,57295668	0,123	0,304
CHR7	16313554	CHR7:16313554	SSF x Far_LoA	-8,8193167	0,085	0,299
CHR7	16313556	CHR7:16313556	SSF x Far_LoA	-8,93315856	0,088	0,306
CHR7	16314597	CHR7:16314597	SSF x Far_LoA	-10,0635269	-0,029	0,305
CHR7	16315820	CHR7:16315820	SSF x Far_LoA	-7,13174535	0,086	0,316
CHR7	16317953	CHR7:16317953	SSF x Far_LoA	-9,31847697	-0,016	0,303
CHR7	16317986	CHR7:16317986	SSF x Far_LoA	-9,64625449	-0,025	0,320
CHR7	16317996	CHR7:16317996	SSF x Far_LoA	-8,57384166	-0,028	0,313
CHR7	16317997	CHR7:16317997	SSF x Far_LoA	-12,3067839	-0,025	0,300
CHR7	16318009	CHR7:16318009	SSF x Far_LoA	-9,7602651	0,037	0,288
CHR7	16318021	CHR7:16318021	SSF x Far_LoA	-9,60995279	-0,083	0,309
CHR7	16318023	CHR7:16318023	SSF x Far_LoA	-9,52835785	0,064	0,303
CHR7	16318031	CHR7:16318031	SSF x Far_LoA	-9,14389043	0,056	0,299
CHR7	16318073	CHR7:16318073	SSF x Far_LoA	-10,2670277	0,055	0,299
CHR7	16324129	CHR7:16324129	SSF x Far_LoA	-9,35589031	-0,039	0,308
CHR7	16330999	CHR7:16330999	SSF x Far_LoA	-11,1455929	0,011	0,304
CHR7	16331308	CHR7:16331308	SSF x Far_LoA	-10,6602858	-0,023	0,306
CHR7	16342985	CHR7:16342985	SSF x Far_LoA	-11,5664824	0,065	0,296
CHR7	16357130	CHR7:16357130	SSF x Far_LoA	-9,48776266	-0,025	0,312
CHR7	16357153	CHR7:16357153	SSF x Far_LoA	-9,16885973	-0,048	0,320
CHR7	16362953	CHR7:16362953	SSF x Far_LoA	-9,79360532	-0,004	0,300
CHR7	16363019	CHR7:16363019	SSF x Far_LoA	-10,2881136	0,163	0,290
CHR7	16363093	CHR7:16363093	SSF x Far_LoA	-5,97434829	0,242	0,295
CHR7	16368757	CHR7:16368757	SSF x Far_LoA	-8,61847976	0,015	0,289
CHR7	16368801	CHR7:16368801	SSF x Far_LoA	-7,56353029	-0,074	0,312
CHR7	16368804	CHR7:16368804	SSF x Far_LoA	-7,94388315	0,045	0,321
CHR7	16368898	CHR7:16368898	SSF x Far_LoA	-8,96575464	-0,085	0,291
CHR7	16368976	CHR7:16368976	SSF x Far_LoA	-10,4346563	0,109	0,306
CHR7	16376528	CHR7:16376528	SSF x Far_LoA	-9,56738682	-0,124	0,307
CHR7	16376585	CHR7:16376585	SSF x Far_LoA	-8,93592029	-0,119	0,324
CHR7	16376603	CHR7:16376603	SSF x Far_LoA	-6,62589565	0,146	0,310

CHR7	16376632	CHR7:16376632	SSF x Far_LoA	-8,60675584	-0,142	0,310
CHR7	16382315	CHR7:16382315	SSF x Far_LoA	-12,1142885	-0,005	0,313
CHR7	16382367	CHR7:16382367	SSF x Far_LoA	-10,0087403	-0,055	0,305
CHR7	16382450	CHR7:16382450	SSF x Far_LoA	-6,27084829	0,056	0,310
CHR7	16382488	CHR7:16382488	SSF x Far_LoA	-8,74065153	-0,077	0,301
CHR7	16382492	CHR7:16382492	SSF x Far_LoA	-9,25108295	0,067	0,313
CHR7	1638918	CHR7:1638918	SSF x Far_LoA	-10,0879416	-0,131	0,306
CHR7	1638938	CHR7:1638938	SSF x Far_LoA	-8,17004577	-0,118	0,293
CHR7	16398410	CHR7:16398410	SSF x Far_LoA	-1,7850244	-0,107	0,307
CHR7	16398426	CHR7:16398426	SSF x Far_LoA	-9,25415429	0,186	0,304
CHR7	16402051	CHR7:16402051	SSF x Far_LoA	-7,21545257	0,231	0,287
CHR7	16402092	CHR7:16402092	SSF x Far_LoA	-7,32261303	-0,102	0,321
CHR7	16405108	CHR7:16405108	SSF x Far_LoA	-9,96498932	-0,032	0,309
CHR7	16405304	CHR7:16405304	SSF x Far_LoA	-6,82027313	-0,058	0,305
CHR7	1640546	CHR7:1640546	SSF x Far_LoA	-8,81883206	-0,157	0,293
CHR7	1640570	CHR7:1640570	SSF x Far_LoA	-3,55137949	-0,032	0,300
CHR7	1640655	CHR7:1640655	SSF x Far_LoA	-9,49254125	0,015	0,305
CHR7	16412333	CHR7:16412333	SSF x Far_LoA	-5,71877034	-0,062	0,290
CHR7	16412364	CHR7:16412364	SSF x Far_LoA	-9,77526164	-0,104	0,315
CHR7	16412389	CHR7:16412389	SSF x Far_LoA	-11,0414492	-0,097	0,303
CHR7	16412744	CHR7:16412744	SSF x Far_LoA	-7,68439907	-0,124	0,294
CHR7	16412759	CHR7:16412759	SSF x Far_LoA	-10,3353344	0,069	0,297
CHR7	16415140	CHR7:16415140	SSF x Far_LoA	-4,85041877	-0,226	0,311
CHR7	16415861	CHR7:16415861	SSF x Far_LoA	-10,4319308	0,072	0,295
CHR7	16418219	CHR7:16418219	SSF x Far_LoA	-8,69620002	-0,038	0,299
CHR7	16418378	CHR7:16418378	SSF x Far_LoA	-10,4528064	0,155	0,290
CHR7	16418434	CHR7:16418434	SSF x Far_LoA	-5,3556324	-0,148	0,319
CHR7	16441041	CHR7:16441041	SSF x Far_LoA	-9,20343172	-0,095	0,300
CHR7	16441043	CHR7:16441043	SSF x Far_LoA	-7,94839814	-0,007	0,306
CHR7	16441045	CHR7:16441045	SSF x Far_LoA	-8,47378775	-0,050	0,307
CHR7	16441055	CHR7:16441055	SSF x Far_LoA	-2,12141632	0,037	0,314
CHR7	16441222	CHR7:16441222	SSF x Far_LoA	-9,73221773	-0,042	0,306
CHR7	16458881	CHR7:16458881	SSF x Far_LoA	-7,19867176	-0,127	0,311
CHR7	16458893	CHR7:16458893	SSF x Far_LoA	-10,5697024	-0,001	0,306
CHR7	16458894	CHR7:16458894	SSF x Far_LoA	-9,44634666	-0,049	0,311
CHR7	16458895	CHR7:16458895	SSF x Far_LoA	-8,43601886	0,020	0,318
CHR7	16459206	CHR7:16459206	SSF x Far_LoA	-10,4730242	0,100	0,296
CHR7	16459230	CHR7:16459230	SSF x Far_LoA	-10,1533816	0,027	0,302
CHR7	16459265	CHR7:16459265	SSF x Far_LoA	-11,0537935	-0,117	0,292
CHR7	16459298	CHR7:16459298	SSF x Far_LoA	-8,543747	-0,112	0,301
CHR7	16459302	CHR7:16459302	SSF x Far_LoA	-8,1158303	-0,109	0,288
CHR7	16459318	CHR7:16459318	SSF x Far_LoA	-8,23770992	-0,133	0,303
CHR7	16459331	CHR7:16459331	SSF x Far_LoA	-11,5742421	0,015	0,315
CHR7	16462910	CHR7:16462910	SSF x Far_LoA	-8,80966232	0,032	0,311
CHR7	16462940	CHR7:16462940	SSF x Far_LoA	-9,10591871	-0,042	0,308
CHR7	16462942	CHR7:16462942	SSF x Far_LoA	-9,48117567	-0,028	0,311
CHR7	16462976	CHR7:16462976	SSF x Far_LoA	-10,2095699	0,003	0,306
CHR7	1646401	CHR7:1646401	SSF x Far_LoA	-11,3970258	-0,079	0,296
CHR7	16474595	CHR7:16474595	SSF x Far_LoA	-8,64081289	-0,075	0,299
CHR7	16474620	CHR7:16474620	SSF x Far_LoA	-9,94463816	-0,033	0,314
CHR7	16474637	CHR7:16474637	SSF x Far_LoA	-11,4955602	-0,059	0,298
CHR7	16474672	CHR7:16474672	SSF x Far_LoA	-6,6349842	-0,223	0,302
CHR7	16480526	CHR7:16480526	SSF x Far_LoA	-9,43172264	0,076	0,317

CHR7	16480552	CHR7:16480552	SSF x Far_LoA	-11,3607134	0,038	0,300
CHR7	16480688	CHR7:16480688	SSF x Far_LoA	-9,38599751	-0,066	0,309
CHR7	1648117	CHR7:1648117	SSF x Far_LoA	-7,54297239	-0,059	0,310
CHR7	1648118	CHR7:1648118	SSF x Far_LoA	-11,8943567	-0,039	0,305
CHR7	1648137	CHR7:1648137	SSF x Far_LoA	-8,36010346	-0,002	0,307
CHR7	1648181	CHR7:1648181	SSF x Far_LoA	-9,13372265	0,093	0,303
CHR7	1648195	CHR7:1648195	SSF x Far_LoA	-8,2064317	0,113	0,304
CHR7	1648202	CHR7:1648202	SSF x Far_LoA	-5,75688758	0,101	0,305
CHR7	1648210	CHR7:1648210	SSF x Far_LoA	-8,83435586	-0,025	0,313
CHR7	16488377	CHR7:16488377	SSF x Far_LoA	-8,9730319	-0,008	0,300
CHR7	16488378	CHR7:16488378	SSF x Far_LoA	-9,51337192	-0,002	0,309
CHR7	16488386	CHR7:16488386	SSF x Far_LoA	-9,08880431	0,032	0,285
CHR7	16488387	CHR7:16488387	SSF x Far_LoA	-11,8041093	0,015	0,300
CHR7	16488399	CHR7:16488399	SSF x Far_LoA	-8,00069162	0,015	0,299
CHR7	16488485	CHR7:16488485	SSF x Far_LoA	-3,9653327	-0,083	0,308
CHR7	16488564	CHR7:16488564	SSF x Far_LoA	-9,95053237	-0,068	0,320
CHR7	16488582	CHR7:16488582	SSF x Far_LoA	-11,22872	0,062	0,302
CHR7	16488589	CHR7:16488589	SSF x Far_LoA	-11,2025917	-0,035	0,302
CHR7	16488598	CHR7:16488598	SSF x Far_LoA	-9,27078477	-0,140	0,301
CHR7	16488658	CHR7:16488658	SSF x Far_LoA	-8,95011005	0,083	0,303
CHR7	1648902	CHR7:1648902	SSF x Far_LoA	-9,46706147	-0,056	0,297
CHR7	1648925	CHR7:1648925	SSF x Far_LoA	-8,34243073	0,004	0,321
CHR7	1648966	CHR7:1648966	SSF x Far_LoA	-10,0262591	0,066	0,320
CHR7	16496596	CHR7:16496596	SSF x Far_LoA	-9,28452055	0,099	0,293
CHR7	16496655	CHR7:16496655	SSF x Far_LoA	-6,1513872	-0,011	0,321
CHR7	16496719	CHR7:16496719	SSF x Far_LoA	-7,78014867	-0,082	0,324
CHR7	16499451	CHR7:16499451	SSF x Far_LoA	-8,0442083	0,030	0,293
CHR7	16499462	CHR7:16499462	SSF x Far_LoA	-7,5922951	-0,054	0,294
CHR7	16499504	CHR7:16499504	SSF x Far_LoA	-9,09118484	-0,002	0,303
CHR7	16499576	CHR7:16499576	SSF x Far_LoA	-7,5490459	0,102	0,304
CHR7	16502142	CHR7:16502142	SSF x Far_LoA	-8,7487145	0,054	0,309
CHR7	16504203	CHR7:16504203	SSF x Far_LoA	-11,8765503	-0,025	0,313
CHR7	16511663	CHR7:16511663	SSF x Far_LoA	-8,2242091	0,070	0,316
CHR7	16511677	CHR7:16511677	SSF x Far_LoA	-11,039837	-0,002	0,316
CHR7	16511745	CHR7:16511745	SSF x Far_LoA	-9,9237659	-0,019	0,294
CHR7	16511765	CHR7:16511765	SSF x Far_LoA	-10,0094268	0,012	0,316
CHR7	16511766	CHR7:16511766	SSF x Far_LoA	-9,49632989	-0,048	0,296
CHR7	16511880	CHR7:16511880	SSF x Far_LoA	-7,74472253	0,086	0,297
CHR7	1651604	CHR7:1651604	SSF x Far_LoA	-11,425177	0,107	0,299
CHR7	16522015	CHR7:16522015	SSF x Far_LoA	-6,49927523	-0,079	0,319
CHR7	16522018	CHR7:16522018	SSF x Far_LoA	-8,74227522	0,090	0,305
CHR7	16523236	CHR7:16523236	SSF x Far_LoA	-9,28777056	0,000	0,322
CHR7	16529979	CHR7:16529979	SSF x Far_LoA	-10,5834338	-0,070	0,293
CHR7	16530010	CHR7:16530010	SSF x Far_LoA	-9,84797582	0,097	0,297
CHR7	16530045	CHR7:16530045	SSF x Far_LoA	-10,0397564	-0,105	0,306
CHR7	16530187	CHR7:16530187	SSF x Far_LoA	-10,6752259	0,014	0,311
CHR7	16534428	CHR7:16534428	SSF x Far_LoA	-8,25090808	-0,093	0,302
CHR7	16544306	CHR7:16544306	SSF x Far_LoA	-9,45000486	0,040	0,306
CHR7	16544341	CHR7:16544341	SSF x Far_LoA	-10,1676066	0,150	0,296
CHR7	16544384	CHR7:16544384	SSF x Far_LoA	-9,9396708	0,032	0,317
CHR7	16546063	CHR7:16546063	SSF x Far_LoA	-8,08934065	-0,008	0,306
CHR7	16555221	CHR7:16555221	SSF x Far_LoA	-11,329153	-0,080	0,303
CHR7	16559048	CHR7:16559048	SSF x Far_LoA	-11,1618941	0,014	0,293

CHR7	16559090	CHR7:16559090	SSF x Far_LoA	-11,0404297	0,023	0,301
CHR7	16578191	CHR7:16578191	SSF x Far_LoA	-8,77268495	-0,043	0,304
CHR7	16578223	CHR7:16578223	SSF x Far_LoA	-8,94480455	-0,053	0,294
CHR7	1657908	CHR7:1657908	SSF x Far_LoA	-0,62957291	-0,140	0,312
CHR7	1658015	CHR7:1658015	SSF x Far_LoA	-6,72014702	-0,149	0,307
CHR7	16581487	CHR7:16581487	SSF x Far_LoA	-8,08124818	0,102	0,306
CHR7	16581561	CHR7:16581561	SSF x Far_LoA	-9,80210525	0,081	0,305
CHR7	16581583	CHR7:16581583	SSF x Far_LoA	-5,32928832	-0,032	0,315
CHR7	16581586	CHR7:16581586	SSF x Far_LoA	-8,40473612	0,065	0,303
CHR7	16581615	CHR7:16581615	SSF x Far_LoA	-12,2772619	0,026	0,321
CHR7	16581623	CHR7:16581623	SSF x Far_LoA	-5,85327867	0,118	0,301
CHR7	16594642	CHR7:16594642	SSF x Far_LoA	-9,53590393	0,047	0,296
CHR7	16594655	CHR7:16594655	SSF x Far_LoA	-8,52347363	0,130	0,292
CHR7	16594657	CHR7:16594657	SSF x Far_LoA	-9,01655284	-0,006	0,308
CHR7	16594719	CHR7:16594719	SSF x Far_LoA	-8,26735537	-0,090	0,304
CHR7	16604831	CHR7:16604831	SSF x Far_LoA	-11,7234013	0,020	0,299
CHR7	1660495	CHR7:1660495	SSF x Far_LoA	-8,18562257	0,139	0,289
CHR7	1661175	CHR7:1661175	SSF x Far_LoA	-10,9958195	-0,021	0,302
CHR7	1661187	CHR7:1661187	SSF x Far_LoA	-10,3782172	0,031	0,312
CHR7	1661273	CHR7:1661273	SSF x Far_LoA	-9,86550278	-0,071	0,309
CHR7	16623489	CHR7:16623489	SSF x Far_LoA	-8,49933905	-0,007	0,316
CHR7	16623590	CHR7:16623590	SSF x Far_LoA	-11,6669182	-0,034	0,303
CHR7	16631325	CHR7:16631325	SSF x Far_LoA	-7,97932213	0,090	0,311
CHR7	16639464	CHR7:16639464	SSF x Far_LoA	-10,1159543	0,093	0,299
CHR7	16639467	CHR7:16639467	SSF x Far_LoA	-8,86953692	0,023	0,305
CHR7	16639475	CHR7:16639475	SSF x Far_LoA	-8,4973599	0,102	0,304
CHR7	16647450	CHR7:16647450	SSF x Far_LoA	-5,18758114	-0,094	0,292
CHR7	16647456	CHR7:16647456	SSF x Far_LoA	-8,7788481	-0,074	0,305
CHR7	16647681	CHR7:16647681	SSF x Far_LoA	-7,47589578	-0,082	0,319
CHR7	16651070	CHR7:16651070	SSF x Far_LoA	-10,3019253	-0,038	0,309
CHR7	16651086	CHR7:16651086	SSF x Far_LoA	-9,99532234	0,058	0,308
CHR7	16651113	CHR7:16651113	SSF x Far_LoA	-9,16532031	-0,002	0,300
CHR7	16651121	CHR7:16651121	SSF x Far_LoA	-11,1976759	-0,021	0,300
CHR7	16651125	CHR7:16651125	SSF x Far_LoA	-11,2926238	0,045	0,297
CHR7	16651127	CHR7:16651127	SSF x Far_LoA	-7,10313825	-0,020	0,304
CHR7	16651174	CHR7:16651174	SSF x Far_LoA	-7,24460851	0,082	0,312
CHR7	16671685	CHR7:16671685	SSF x Far_LoA	-7,63006713	0,052	0,299
CHR7	16671703	CHR7:16671703	SSF x Far_LoA	-8,12950215	-0,009	0,310
CHR7	16671759	CHR7:16671759	SSF x Far_LoA	-8,54742561	-0,044	0,310
CHR7	16671778	CHR7:16671778	SSF x Far_LoA	-8,77858268	-0,036	0,305
CHR7	16671789	CHR7:16671789	SSF x Far_LoA	-4,25914229	0,070	0,304
CHR7	16675190	CHR7:16675190	SSF x Far_LoA	-8,49182406	0,002	0,301
CHR7	16675221	CHR7:16675221	SSF x Far_LoA	-6,59761158	-0,091	0,312
CHR7	16675264	CHR7:16675264	SSF x Far_LoA	-9,64962025	-0,125	0,304
CHR7	16686434	CHR7:16686434	SSF x Far_LoA	-10,0223253	-0,011	0,317
CHR7	16687412	CHR7:16687412	SSF x Far_LoA	-11,3787145	0,080	0,312
CHR7	16696139	CHR7:16696139	SSF x Far_LoA	-10,6702537	0,069	0,307
CHR7	16710154	CHR7:16710154	SSF x Far_LoA	-7,61063504	-0,108	0,300
CHR7	16710168	CHR7:16710168	SSF x Far_LoA	-3,36105216	0,134	0,308
CHR7	16710208	CHR7:16710208	SSF x Far_LoA	-10,879361	-0,015	0,299
CHR7	16710215	CHR7:16710215	SSF x Far_LoA	-10,5286323	-0,086	0,303
CHR7	16710216	CHR7:16710216	SSF x Far_LoA	-11,2677354	0,037	0,302
CHR7	16710255	CHR7:16710255	SSF x Far_LoA	-0,22672317	-0,109	0,314

CHR7	16719005	CHR7:16719005	SSF x Far_LoA	-8,09940708	0,003	0,312
CHR7	16719061	CHR7:16719061	SSF x Far_LoA	-11,0624248	-0,110	0,298
CHR7	16719779	CHR7:16719779	SSF x Far_LoA	-11,348266	0,052	0,306
CHR7	16722872	CHR7:16722872	SSF x Far_LoA	-8,64726431	0,053	0,300
CHR7	16722889	CHR7:16722889	SSF x Far_LoA	-10,6333243	0,018	0,318
CHR7	16724770	CHR7:16724770	SSF x Far_LoA	-9,81812353	0,021	0,323
CHR7	16729067	CHR7:16729067	SSF x Far_LoA	-11,1116102	-0,036	0,314
CHR7	16729193	CHR7:16729193	SSF x Far_LoA	-11,8112731	0,009	0,307
CHR7	16743198	CHR7:16743198	SSF x Far_LoA	-11,0725638	-0,048	0,309
CHR7	16743318	CHR7:16743318	SSF x Far_LoA	-11,4122103	0,063	0,293
CHR7	16743319	CHR7:16743319	SSF x Far_LoA	-4,89924078	-0,208	0,289
CHR7	16746543	CHR7:16746543	SSF x Far_LoA	-10,5568356	0,094	0,297
CHR7	16746615	CHR7:16746615	SSF x Far_LoA	-6,60381557	0,177	0,303
CHR7	16748521	CHR7:16748521	SSF x Far_LoA	-8,53454601	0,064	0,313
CHR7	16748545	CHR7:16748545	SSF x Far_LoA	-10,7231114	0,062	0,310
CHR7	16748571	CHR7:16748571	SSF x Far_LoA	-10,7020534	0,101	0,296
CHR7	16748581	CHR7:16748581	SSF x Far_LoA	-7,83914949	0,055	0,302
CHR7	1675540	CHR7:1675540	SSF x Far_LoA	-8,42514087	0,111	0,299
CHR7	1675690	CHR7:1675690	SSF x Far_LoA	-9,63845694	-0,084	0,309
CHR7	16758080	CHR7:16758080	SSF x Far_LoA	-8,80170963	-0,173	0,289
CHR7	16760820	CHR7:16760820	SSF x Far_LoA	-10,7486831	0,057	0,293
CHR7	16760857	CHR7:16760857	SSF x Far_LoA	-9,98813578	0,003	0,305
CHR7	16760861	CHR7:16760861	SSF x Far_LoA	-10,2908978	-0,011	0,300
CHR7	16760889	CHR7:16760889	SSF x Far_LoA	-7,88012109	-0,085	0,308
CHR7	16760896	CHR7:16760896	SSF x Far_LoA	-8,64106501	-0,082	0,298
CHR7	16767579	CHR7:16767579	SSF x Far_LoA	-7,56599011	0,142	0,313
CHR7	16771790	CHR7:16771790	SSF x Far_LoA	-8,25471565	0,112	0,311
CHR7	16771823	CHR7:16771823	SSF x Far_LoA	-7,744715	-0,082	0,304
CHR7	16771825	CHR7:16771825	SSF x Far_LoA	-5,16953383	-0,081	0,303
CHR7	1677233	CHR7:1677233	SSF x Far_LoA	-8,58436107	0,020	0,291
CHR7	1677298	CHR7:1677298	SSF x Far_LoA	-9,63212321	-0,096	0,312
CHR7	16777810	CHR7:16777810	SSF x Far_LoA	-8,93715526	-0,070	0,307
CHR7	16785959	CHR7:16785959	SSF x Far_LoA	-10,571224	0,048	0,317
CHR7	16785974	CHR7:16785974	SSF x Far_LoA	-10,1976678	-0,008	0,308
CHR7	16786007	CHR7:16786007	SSF x Far_LoA	-10,9777831	0,107	0,302
CHR7	16795153	CHR7:16795153	SSF x Far_LoA	-8,82062279	0,166	0,311
CHR7	16795200	CHR7:16795200	SSF x Far_LoA	-11,198548	-0,065	0,316
CHR7	16795221	CHR7:16795221	SSF x Far_LoA	-11,4862116	0,009	0,315
CHR7	16796664	CHR7:16796664	SSF x Far_LoA	-10,0331189	-0,065	0,306
CHR7	16796714	CHR7:16796714	SSF x Far_LoA	-10,9507816	0,071	0,298
CHR7	16801578	CHR7:16801578	SSF x Far_LoA	-8,37021036	-0,155	0,293
CHR7	16801645	CHR7:16801645	SSF x Far_LoA	-6,8664703	0,155	0,300
CHR7	16801664	CHR7:16801664	SSF x Far_LoA	-6,79463879	-0,186	0,291
CHR7	16807452	CHR7:16807452	SSF x Far_LoA	-6,59278988	0,003	0,318
CHR7	16807517	CHR7:16807517	SSF x Far_LoA	-11,1312863	-0,018	0,324
CHR7	16807595	CHR7:16807595	SSF x Far_LoA	-7,40120243	-0,105	0,321
CHR7	16807664	CHR7:16807664	SSF x Far_LoA	-4,71088731	-0,110	0,284
CHR7	16814744	CHR7:16814744	SSF x Far_LoA	-5,56533572	0,109	0,307
CHR7	16814771	CHR7:16814771	SSF x Far_LoA	-7,94157899	0,055	0,305
CHR7	16814783	CHR7:16814783	SSF x Far_LoA	-9,03166546	0,024	0,311
CHR7	16814859	CHR7:16814859	SSF x Far_LoA	-9,55892246	0,100	0,310
CHR7	16819031	CHR7:16819031	SSF x Far_LoA	-9,61383529	-0,041	0,292
CHR7	16819167	CHR7:16819167	SSF x Far_LoA	-10,1089645	-0,020	0,308

CHR7	16819911	CHR7:16819911	SSF x Far_LoA	-6,50954634	-0,065	0,306
CHR7	16819946	CHR7:16819946	SSF x Far_LoA	-8,74796107	-0,067	0,314
CHR7	16820000	CHR7:16820000	SSF x Far_LoA	-8,30882941	0,048	0,318
CHR7	1682606	CHR7:1682606	SSF x Far_LoA	-8,99735003	-0,096	0,304
CHR7	1682622	CHR7:1682622	SSF x Far_LoA	-10,4556384	-0,080	0,299
CHR7	1682626	CHR7:1682626	SSF x Far_LoA	-8,6986262	-0,124	0,305
CHR7	16831544	CHR7:16831544	SSF x Far_LoA	-10,4247858	-0,022	0,312
CHR7	16834012	CHR7:16834012	SSF x Far_LoA	-9,65031992	0,144	0,295
CHR7	16834015	CHR7:16834015	SSF x Far_LoA	-9,9202179	0,113	0,304
CHR7	16834025	CHR7:16834025	SSF x Far_LoA	-7,60822792	-0,151	0,300
CHR7	16835178	CHR7:16835178	SSF x Far_LoA	-10,0933797	0,043	0,304
CHR7	16839100	CHR7:16839100	SSF x Far_LoA	-6,06099933	0,107	0,310
CHR7	16839186	CHR7:16839186	SSF x Far_LoA	-9,1889624	-0,036	0,312
CHR7	16839430	CHR7:16839430	SSF x Far_LoA	-8,18959396	-0,188	0,296
CHR7	16847919	CHR7:16847919	SSF x Far_LoA	-9,1635407	0,058	0,309
CHR7	16847987	CHR7:16847987	SSF x Far_LoA	-8,86133689	0,118	0,311
CHR7	16848038	CHR7:16848038	SSF x Far_LoA	-7,64054881	0,048	0,307
CHR7	16848048	CHR7:16848048	SSF x Far_LoA	-10,5719781	0,006	0,306
CHR7	16853109	CHR7:16853109	SSF x Far_LoA	-10,6908466	-0,003	0,308
CHR7	16853156	CHR7:16853156	SSF x Far_LoA	-7,35178405	-0,102	0,302
CHR7	16853249	CHR7:16853249	SSF x Far_LoA	-8,14955024	0,077	0,313
CHR7	16862552	CHR7:16862552	SSF x Far_LoA	-11,2028659	-0,012	0,305
CHR7	16864420	CHR7:16864420	SSF x Far_LoA	-7,82774393	0,087	0,298
CHR7	1689148	CHR7:1689148	SSF x Far_LoA	-6,6860956	0,107	0,307
CHR7	1689150	CHR7:1689150	SSF x Far_LoA	-7,39190884	0,119	0,317
CHR7	1689155	CHR7:1689155	SSF x Far_LoA	-11,154656	0,046	0,312
CHR7	1689210	CHR7:1689210	SSF x Far_LoA	-8,81378215	0,031	0,319
CHR7	16895108	CHR7:16895108	SSF x Far_LoA	-9,77522397	0,093	0,296
CHR7	16897758	CHR7:16897758	SSF x Far_LoA	-10,3217294	0,033	0,301
CHR7	16897759	CHR7:16897759	SSF x Far_LoA	-10,307713	0,006	0,288
CHR7	16906006	CHR7:16906006	SSF x Far_LoA	-10,810963	0,061	0,311
CHR7	1690690	CHR7:1690690	SSF x Far_LoA	-5,41336004	0,076	0,304
CHR7	1690709	CHR7:1690709	SSF x Far_LoA	-8,48236552	0,073	0,306
CHR7	1690774	CHR7:1690774	SSF x Far_LoA	-3,77572862	-0,071	0,317
CHR7	16913732	CHR7:16913732	SSF x Far_LoA	-10,4175887	-0,050	0,292
CHR7	16913735	CHR7:16913735	SSF x Far_LoA	-9,93315935	0,024	0,309
CHR7	16913771	CHR7:16913771	SSF x Far_LoA	-11,0212	-0,007	0,289
CHR7	16913840	CHR7:16913840	SSF x Far_LoA	-10,0403008	0,102	0,296
CHR7	16919758	CHR7:16919758	SSF x Far_LoA	-9,54965835	-0,049	0,311
CHR7	16919760	CHR7:16919760	SSF x Far_LoA	-8,94170122	-0,087	0,306
CHR7	16919834	CHR7:16919834	SSF x Far_LoA	-10,7967956	0,034	0,291
CHR7	16919921	CHR7:16919921	SSF x Far_LoA	-10,1486032	-0,046	0,303
CHR7	16924144	CHR7:16924144	SSF x Far_LoA	-4,6359651	-0,070	0,312
CHR7	16924223	CHR7:16924223	SSF x Far_LoA	-8,10885915	0,060	0,305
CHR7	16924246	CHR7:16924246	SSF x Far_LoA	-10,7156701	-0,010	0,312
CHR7	16924252	CHR7:16924252	SSF x Far_LoA	-10,903113	-0,096	0,311
CHR7	16927077	CHR7:16927077	SSF x Far_LoA	-9,55698647	0,092	0,299
CHR7	16927112	CHR7:16927112	SSF x Far_LoA	-9,18797978	0,145	0,293
CHR7	16928748	CHR7:16928748	SSF x Far_LoA	-9,89994007	0,011	0,303
CHR7	16928789	CHR7:16928789	SSF x Far_LoA	-8,73492751	0,089	0,316
CHR7	1693053	CHR7:1693053	SSF x Far_LoA	-9,57951931	0,019	0,301
CHR7	1693131	CHR7:1693131	SSF x Far_LoA	-7,94104647	-0,027	0,317
CHR7	1693352	CHR7:1693352	SSF x Far_LoA	-9,46981896	0,004	0,309

CHR7	16960987	CHR7:16960987	SSF x Far_LoA	-3,691157	0,227	0,293
CHR7	16972919	CHR7:16972919	SSF x Far_LoA	-4,21803882	-0,028	0,324
CHR7	16972942	CHR7:16972942	SSF x Far_LoA	-9,46692793	0,121	0,305
CHR7	16976868	CHR7:16976868	SSF x Far_LoA	-12,1486638	-0,039	0,306
CHR7	16976870	CHR7:16976870	SSF x Far_LoA	-4,61151545	0,062	0,297
CHR7	16976955	CHR7:16976955	SSF x Far_LoA	-11,2653702	0,031	0,303
CHR7	16977852	CHR7:16977852	SSF x Far_LoA	-8,35815216	-0,028	0,285
CHR7	16986138	CHR7:16986138	SSF x Far_LoA	-8,83495608	-0,065	0,309
CHR7	16988233	CHR7:16988233	SSF x Far_LoA	-8,9315243	-0,108	0,305
CHR7	16988236	CHR7:16988236	SSF x Far_LoA	-10,1623754	-0,097	0,297
CHR7	17004881	CHR7:17004881	SSF x Far_LoA	-8,52717782	0,028	0,299
CHR7	1701898	CHR7:1701898	SSF x Far_LoA	-11,2882846	-0,038	0,308
CHR7	1701905	CHR7:1701905	SSF x Far_LoA	-11,0842825	-0,002	0,311
CHR7	1701916	CHR7:1701916	SSF x Far_LoA	-9,78265421	-0,034	0,305
CHR7	17020668	CHR7:17020668	SSF x Far_LoA	-9,36520351	0,062	0,296
CHR7	17020750	CHR7:17020750	SSF x Far_LoA	-9,63071921	0,067	0,316
CHR7	1702723	CHR7:1702723	SSF x Far_LoA	-10,5184549	-0,006	0,305
CHR7	1702785	CHR7:1702785	SSF x Far_LoA	-10,0160958	-0,008	0,331
CHR7	1702795	CHR7:1702795	SSF x Far_LoA	-6,85880579	-0,087	0,311
CHR7	17028456	CHR7:17028456	SSF x Far_LoA	-9,17167525	0,048	0,304
CHR7	1702880	CHR7:1702880	SSF x Far_LoA	-10,4043114	-0,069	0,307
CHR7	1702995	CHR7:1702995	SSF x Far_LoA	-11,9002533	0,111	0,295
CHR7	17033458	CHR7:17033458	SSF x Far_LoA	-4,9374645	0,177	0,305
CHR7	17033695	CHR7:17033695	SSF x Far_LoA	-8,5838248	0,056	0,304
CHR7	17033721	CHR7:17033721	SSF x Far_LoA	-9,95111281	0,054	0,308
CHR7	17042720	CHR7:17042720	SSF x Far_LoA	-7,17854825	0,084	0,296
CHR7	17051950	CHR7:17051950	SSF x Far_LoA	-8,17549538	-0,104	0,314
CHR7	17052077	CHR7:17052077	SSF x Far_LoA	-7,87972196	0,024	0,317
CHR7	17054792	CHR7:17054792	SSF x Far_LoA	-9,24231773	0,006	0,322
CHR7	17054873	CHR7:17054873	SSF x Far_LoA	-11,3360569	-0,101	0,297
CHR7	17057615	CHR7:17057615	SSF x Far_LoA	-10,8961868	-0,007	0,300
CHR7	17057637	CHR7:17057637	SSF x Far_LoA	-8,009631	-0,022	0,321
CHR7	1707366	CHR7:1707366	SSF x Far_LoA	-8,94877004	-0,083	0,301
CHR7	17073667	CHR7:17073667	SSF x Far_LoA	-10,458683	-0,061	0,313
CHR7	17073760	CHR7:17073760	SSF x Far_LoA	-7,96410373	-0,085	0,292
CHR7	1707545	CHR7:1707545	SSF x Far_LoA	-11,0052506	0,024	0,289
CHR7	1707631	CHR7:1707631	SSF x Far_LoA	-10,0372129	0,090	0,286
CHR7	17077408	CHR7:17077408	SSF x Far_LoA	-9,45005483	-0,138	0,300
CHR7	17077410	CHR7:17077410	SSF x Far_LoA	-11,0093791	-0,038	0,298
CHR7	17077425	CHR7:17077425	SSF x Far_LoA	-10,281862	0,025	0,310
CHR7	17080362	CHR7:17080362	SSF x Far_LoA	-9,72228906	-0,055	0,309
CHR7	17082835	CHR7:17082835	SSF x Far_LoA	-6,35379828	-0,091	0,313
CHR7	17087618	CHR7:17087618	SSF x Far_LoA	-9,6831084	-0,037	0,311
CHR7	17087782	CHR7:17087782	SSF x Far_LoA	-8,11215567	-0,091	0,311
CHR7	1711253	CHR7:1711253	SSF x Far_LoA	-10,7849351	-0,019	0,301
CHR7	1711284	CHR7:1711284	SSF x Far_LoA	-9,71590381	-0,015	0,325
CHR7	1711315	CHR7:1711315	SSF x Far_LoA	-5,59153089	0,080	0,297
CHR7	1711429	CHR7:1711429	SSF x Far_LoA	-0,57087594	-0,092	0,317
CHR7	1711471	CHR7:1711471	SSF x Far_LoA	-9,41885936	0,022	0,288
CHR7	1711507	CHR7:1711507	SSF x Far_LoA	-9,41573944	-0,058	0,301
CHR7	17140208	CHR7:17140208	SSF x Far_LoA	-8,84400952	0,064	0,322
CHR7	17140370	CHR7:17140370	SSF x Far_LoA	-8,97839317	0,009	0,310
CHR7	17161029	CHR7:17161029	SSF x Far_LoA	-11,6871612	0,017	0,294

CHR7	17168975	CHR7:17168975	SSF x Far_LoA	-11,295159	0,008	0,314
CHR7	17169066	CHR7:17169066	SSF x Far_LoA	-8,33759127	0,081	0,307
CHR7	17179575	CHR7:17179575	SSF x Far_LoA	-5,52220878	-0,109	0,301
CHR7	17179682	CHR7:17179682	SSF x Far_LoA	-9,68713975	-0,098	0,295
CHR7	17183643	CHR7:17183643	SSF x Far_LoA	-8,99717975	-0,087	0,306
CHR7	17183657	CHR7:17183657	SSF x Far_LoA	-11,5390995	0,040	0,296
CHR7	17186222	CHR7:17186222	SSF x Far_LoA	-6,98717689	-0,044	0,308
CHR7	17186232	CHR7:17186232	SSF x Far_LoA	-9,91916433	-0,045	0,320
CHR7	17186249	CHR7:17186249	SSF x Far_LoA	-9,0881293	0,030	0,313
CHR7	17186422	CHR7:17186422	SSF x Far_LoA	-8,88992035	-0,081	0,320
CHR7	17195352	CHR7:17195352	SSF x Far_LoA	-11,3013542	-0,003	0,311
CHR7	17195538	CHR7:17195538	SSF x Far_LoA	-10,9263122	-0,044	0,298
CHR7	17195574	CHR7:17195574	SSF x Far_LoA	-3,90685223	0,100	0,317
CHR7	17200829	CHR7:17200829	SSF x Far_LoA	-11,057783	0,020	0,312
CHR7	17239011	CHR7:17239011	SSF x Far_LoA	-11,9483402	-0,061	0,310
CHR7	17241497	CHR7:17241497	SSF x Far_LoA	-11,0431823	-0,032	0,322
CHR7	17241670	CHR7:17241670	SSF x Far_LoA	-11,2118239	0,017	0,297
CHR7	17243772	CHR7:17243772	SSF x Far_LoA	-8,39772579	-0,002	0,306
CHR7	17243810	CHR7:17243810	SSF x Far_LoA	-11,8129419	0,034	0,298
CHR7	17255232	CHR7:17255232	SSF x Far_LoA	-10,7199634	0,021	0,314
CHR7	17255359	CHR7:17255359	SSF x Far_LoA	-9,30687907	-0,009	0,307
CHR7	1727657	CHR7:1727657	SSF x Far_LoA	-10,405704	-0,057	0,306
CHR7	1727748	CHR7:1727748	SSF x Far_LoA	-7,59517221	-0,145	0,300
CHR7	17279506	CHR7:17279506	SSF x Far_LoA	-6,98462986	-0,039	0,319
CHR7	1729479	CHR7:1729479	SSF x Far_LoA	-11,1449292	-0,057	0,291
CHR7	17296794	CHR7:17296794	SSF x Far_LoA	-12,3047982	-0,048	0,296
CHR7	17308186	CHR7:17308186	SSF x Far_LoA	-9,70394843	-0,105	0,306
CHR7	17308307	CHR7:17308307	SSF x Far_LoA	-9,82331402	-0,142	0,314
CHR7	17308367	CHR7:17308367	SSF x Far_LoA	-6,195991	-0,152	0,305
CHR7	17310871	CHR7:17310871	SSF x Far_LoA	-10,9014569	0,077	0,302
CHR7	17313011	CHR7:17313011	SSF x Far_LoA	-7,3539428	-0,060	0,313
CHR7	17313167	CHR7:17313167	SSF x Far_LoA	-6,51087657	-0,090	0,310
CHR7	17321332	CHR7:17321332	SSF x Far_LoA	-8,3655274	-0,002	0,308
CHR7	1733284	CHR7:1733284	SSF x Far_LoA	-8,75327644	-0,012	0,310
CHR7	17348570	CHR7:17348570	SSF x Far_LoA	-9,97233932	-0,073	0,308
CHR7	17348577	CHR7:17348577	SSF x Far_LoA	-8,34187617	-0,094	0,308
CHR7	17348788	CHR7:17348788	SSF x Far_LoA	-10,3888056	0,125	0,300
CHR7	17355358	CHR7:17355358	SSF x Far_LoA	-10,0564765	-0,055	0,301
CHR7	17355466	CHR7:17355466	SSF x Far_LoA	-12,0057928	0,032	0,298
CHR7	17355551	CHR7:17355551	SSF x Far_LoA	-9,88484857	0,022	0,309
CHR7	17355614	CHR7:17355614	SSF x Far_LoA	-9,22266496	0,080	0,302
CHR7	17355620	CHR7:17355620	SSF x Far_LoA	-8,34155164	0,019	0,306
CHR7	17356381	CHR7:17356381	SSF x Far_LoA	-9,85875992	0,070	0,310
CHR7	17356588	CHR7:17356588	SSF x Far_LoA	-11,1004667	0,025	0,308
CHR7	17367068	CHR7:17367068	SSF x Far_LoA	-9,85888923	-0,028	0,301
CHR7	17367072	CHR7:17367072	SSF x Far_LoA	-8,10203791	0,016	0,299
CHR7	17367079	CHR7:17367079	SSF x Far_LoA	-6,55219308	0,011	0,289
CHR7	17367146	CHR7:17367146	SSF x Far_LoA	-10,2130043	0,123	0,299
CHR7	17367164	CHR7:17367164	SSF x Far_LoA	-10,0497579	0,005	0,316
CHR7	17376261	CHR7:17376261	SSF x Far_LoA	-10,0404491	-0,054	0,300
CHR7	17378442	CHR7:17378442	SSF x Far_LoA	-9,65745982	-0,076	0,301
CHR7	17378452	CHR7:17378452	SSF x Far_LoA	-11,1221423	-0,064	0,306
CHR7	17378505	CHR7:17378505	SSF x Far_LoA	-10,0324037	-0,140	0,289

CHR7	17378535	CHR7:17378535	SSF x Far_LoA	-12,6827932	0,027	0,309
CHR7	17378591	CHR7:17378591	SSF x Far_LoA	-9,58702187	0,104	0,298
CHR7	17378593	CHR7:17378593	SSF x Far_LoA	-6,30574554	-0,199	0,300
CHR7	1738104	CHR7:1738104	SSF x Far_LoA	-6,42640431	0,139	0,303
CHR7	1738122	CHR7:1738122	SSF x Far_LoA	-9,11655041	0,020	0,307
CHR7	1738126	CHR7:1738126	SSF x Far_LoA	-10,509273	0,086	0,299
CHR7	17386121	CHR7:17386121	SSF x Far_LoA	-9,35273127	-0,142	0,298
CHR7	17386254	CHR7:17386254	SSF x Far_LoA	-11,2361294	-0,025	0,294
CHR7	17386264	CHR7:17386264	SSF x Far_LoA	-8,38082768	-0,181	0,296
CHR7	17387633	CHR7:17387633	SSF x Far_LoA	-8,62509879	0,067	0,304
CHR7	17387724	CHR7:17387724	SSF x Far_LoA	-8,52096096	0,037	0,296
CHR7	17387729	CHR7:17387729	SSF x Far_LoA	-8,5920936	0,059	0,321
CHR7	17387753	CHR7:17387753	SSF x Far_LoA	-7,38685082	0,084	0,315
CHR7	17396962	CHR7:17396962	SSF x Far_LoA	-10,1720897	0,091	0,313
CHR7	17396992	CHR7:17396992	SSF x Far_LoA	-8,08715559	0,007	0,307
CHR7	17410125	CHR7:17410125	SSF x Far_LoA	-8,12682981	-0,158	0,306
CHR7	17410254	CHR7:17410254	SSF x Far_LoA	-8,80236152	-0,096	0,318
CHR7	17440920	CHR7:17440920	SSF x Far_LoA	-3,98892453	0,150	0,302
CHR7	1746321	CHR7:1746321	SSF x Far_LoA	-8,65215848	0,027	0,307
CHR7	1746335	CHR7:1746335	SSF x Far_LoA	-9,77460513	-0,009	0,290
CHR7	17474184	CHR7:17474184	SSF x Far_LoA	-12,3665069	-0,043	0,287
CHR7	1748268	CHR7:1748268	SSF x Far_LoA	-9,85852189	-0,072	0,309
CHR7	17494914	CHR7:17494914	SSF x Far_LoA	-0,43737186	-0,162	0,305
CHR7	17494970	CHR7:17494970	SSF x Far_LoA	-5,75913253	0,162	0,276
CHR7	17494976	CHR7:17494976	SSF x Far_LoA	-6,77293063	0,104	0,303
CHR7	17495005	CHR7:17495005	SSF x Far_LoA	-10,5671743	0,032	0,303
CHR7	1749787	CHR7:1749787	SSF x Far_LoA	-7,77084568	-0,089	0,319
CHR7	1749868	CHR7:1749868	SSF x Far_LoA	-10,368233	-0,063	0,303
CHR7	17513664	CHR7:17513664	SSF x Far_LoA	-8,84989235	-0,106	0,293
CHR7	17513707	CHR7:17513707	SSF x Far_LoA	-5,79273327	0,068	0,301
CHR7	17513715	CHR7:17513715	SSF x Far_LoA	-10,0788883	0,053	0,305
CHR7	17513737	CHR7:17513737	SSF x Far_LoA	-8,61513152	0,111	0,297
CHR7	17513808	CHR7:17513808	SSF x Far_LoA	-10,3887203	-0,110	0,310
CHR7	1751930	CHR7:1751930	SSF x Far_LoA	-9,08418333	0,099	0,296
CHR7	17521609	CHR7:17521609	SSF x Far_LoA	-10,5358884	0,056	0,307
CHR7	17524971	CHR7:17524971	SSF x Far_LoA	-8,30450394	0,015	0,306
CHR7	17524974	CHR7:17524974	SSF x Far_LoA	-7,23472674	0,128	0,305
CHR7	17527103	CHR7:17527103	SSF x Far_LoA	-8,53953008	0,076	0,306
CHR7	17532715	CHR7:17532715	SSF x Far_LoA	-8,27337199	-0,025	0,316
CHR7	17533635	CHR7:17533635	SSF x Far_LoA	-1,20200821	0,019	0,304
CHR7	17536928	CHR7:17536928	SSF x Far_LoA	-6,51895961	-0,090	0,323
CHR7	17538190	CHR7:17538190	SSF x Far_LoA	-11,07901	0,086	0,311
CHR7	17539624	CHR7:17539624	SSF x Far_LoA	-9,95567883	0,099	0,289
CHR7	17539672	CHR7:17539672	SSF x Far_LoA	-6,66888544	-0,149	0,303
CHR7	17539695	CHR7:17539695	SSF x Far_LoA	-7,59163943	-0,164	0,291
CHR7	17539703	CHR7:17539703	SSF x Far_LoA	-6,48177824	-0,156	0,290
CHR7	17539712	CHR7:17539712	SSF x Far_LoA	-7,91382908	-0,176	0,289
CHR7	17539759	CHR7:17539759	SSF x Far_LoA	-11,143141	0,036	0,311
CHR7	17539822	CHR7:17539822	SSF x Far_LoA	-5,8079723	-0,005	0,312
CHR7	17539835	CHR7:17539835	SSF x Far_LoA	-8,86611876	-0,046	0,296
CHR7	17539865	CHR7:17539865	SSF x Far_LoA	-8,50471554	0,039	0,305
CHR7	17539871	CHR7:17539871	SSF x Far_LoA	-6,49944373	-0,121	0,296
CHR7	17551625	CHR7:17551625	SSF x Far_LoA	-5,08752989	0,029	0,310

CHR7	17551690	CHR7:17551690	SSF x Far_LoA	-9,62000346	0,101	0,296
CHR7	17561480	CHR7:17561480	SSF x Far_LoA	-10,3686761	0,001	0,309
CHR7	17561516	CHR7:17561516	SSF x Far_LoA	-9,48280205	-0,041	0,297
CHR7	17561527	CHR7:17561527	SSF x Far_LoA	-11,4558133	-0,010	0,293
CHR7	17561551	CHR7:17561551	SSF x Far_LoA	-8,07149464	0,010	0,301
CHR7	17561583	CHR7:17561583	SSF x Far_LoA	-9,59948471	-0,096	0,307
CHR7	17561590	CHR7:17561590	SSF x Far_LoA	-11,2078429	-0,005	0,304
CHR7	17561623	CHR7:17561623	SSF x Far_LoA	-10,2191109	-0,071	0,303
CHR7	17563984	CHR7:17563984	SSF x Far_LoA	-8,31454679	-0,010	0,309
CHR7	17564046	CHR7:17564046	SSF x Far_LoA	-4,68746317	-0,137	0,287
CHR7	17564055	CHR7:17564055	SSF x Far_LoA	-9,51009965	-0,003	0,306
CHR7	17564059	CHR7:17564059	SSF x Far_LoA	-9,3912294	0,005	0,317
CHR7	17564315	CHR7:17564315	SSF x Far_LoA	-8,39087084	0,110	0,299
CHR7	17569902	CHR7:17569902	SSF x Far_LoA	-7,03255423	-0,176	0,319
CHR7	17570079	CHR7:17570079	SSF x Far_LoA	-8,80305679	-0,002	0,303
CHR7	17570151	CHR7:17570151	SSF x Far_LoA	-8,36398783	-0,057	0,324
CHR7	17570187	CHR7:17570187	SSF x Far_LoA	-7,39799893	-0,068	0,323
CHR7	17570676	CHR7:17570676	SSF x Far_LoA	-5,61184489	0,102	0,295
CHR7	17570763	CHR7:17570763	SSF x Far_LoA	-8,69212959	-0,011	0,311
CHR7	17573809	CHR7:17573809	SSF x Far_LoA	-11,5049619	0,053	0,295
CHR7	17578117	CHR7:17578117	SSF x Far_LoA	-3,84017946	0,182	0,300
CHR7	17578210	CHR7:17578210	SSF x Far_LoA	-11,289294	-0,049	0,301
CHR7	17580349	CHR7:17580349	SSF x Far_LoA	-10,293286	-0,011	0,314
CHR7	17580463	CHR7:17580463	SSF x Far_LoA	-10,6220168	-0,022	0,325
CHR7	17581126	CHR7:17581126	SSF x Far_LoA	-9,94115898	-0,091	0,312
CHR7	17581174	CHR7:17581174	SSF x Far_LoA	-8,17824918	-0,076	0,317
CHR7	17584277	CHR7:17584277	SSF x Far_LoA	-10,2424261	-0,030	0,318
CHR7	17585165	CHR7:17585165	SSF x Far_LoA	-8,88120397	0,041	0,326
CHR7	17585196	CHR7:17585196	SSF x Far_LoA	-10,7284503	-0,084	0,310
CHR7	17590525	CHR7:17590525	SSF x Far_LoA	-11,3356015	-0,050	0,319
CHR7	17590530	CHR7:17590530	SSF x Far_LoA	-6,48973514	0,192	0,296
CHR7	17590550	CHR7:17590550	SSF x Far_LoA	-11,0076279	-0,056	0,306
CHR7	17590592	CHR7:17590592	SSF x Far_LoA	-10,2309253	-0,175	0,301
CHR7	17590602	CHR7:17590602	SSF x Far_LoA	-9,43379286	-0,152	0,301
CHR7	17590648	CHR7:17590648	SSF x Far_LoA	-7,35870178	-0,038	0,323
CHR7	17593953	CHR7:17593953	SSF x Far_LoA	-9,91063315	-0,079	0,304
CHR7	17593994	CHR7:17593994	SSF x Far_LoA	0,95964595	0,023	0,305
CHR7	17603348	CHR7:17603348	SSF x Far_LoA	-9,20544235	0,045	0,305
CHR7	17609926	CHR7:17609926	SSF x Far_LoA	-9,79622324	-0,123	0,306
CHR7	17610039	CHR7:17610039	SSF x Far_LoA	-8,89602176	-0,060	0,307
CHR7	17611691	CHR7:17611691	SSF x Far_LoA	-10,3686393	-0,133	0,296
CHR7	17612238	CHR7:17612238	SSF x Far_LoA	-8,98311266	-0,026	0,299
CHR7	17630347	CHR7:17630347	SSF x Far_LoA	-9,42243113	0,065	0,307
CHR7	17630393	CHR7:17630393	SSF x Far_LoA	-10,0864055	-0,092	0,298
CHR7	17630430	CHR7:17630430	SSF x Far_LoA	-5,817038	-0,146	0,298
CHR7	17630432	CHR7:17630432	SSF x Far_LoA	-6,63096736	-0,152	0,295
CHR7	17630435	CHR7:17630435	SSF x Far_LoA	-0,65902059	-0,203	0,295
CHR7	17630523	CHR7:17630523	SSF x Far_LoA	-7,23867865	-0,163	0,310
CHR7	17630682	CHR7:17630682	SSF x Far_LoA	-7,96538891	0,137	0,307
CHR7	17636888	CHR7:17636888	SSF x Far_LoA	-8,27286577	0,070	0,312
CHR7	1764239	CHR7:1764239	SSF x Far_LoA	-6,39333956	0,153	0,296
CHR7	1764240	CHR7:1764240	SSF x Far_LoA	-7,31326808	0,133	0,290
CHR7	1764319	CHR7:1764319	SSF x Far_LoA	-10,0622621	-0,007	0,299

CHR7	1764357	CHR7:1764357	SSF x Far_LoA	-6,31247979	-0,190	0,307
CHR7	1765383	CHR7:1765383	SSF x Far_LoA	-9,79991183	0,033	0,303
CHR7	17659986	CHR7:17659986	SSF x Far_LoA	-9,47680935	-0,022	0,281
CHR7	17660009	CHR7:17660009	SSF x Far_LoA	-10,2869528	0,040	0,301
CHR7	17660012	CHR7:17660012	SSF x Far_LoA	-10,2471053	0,045	0,297
CHR7	17660096	CHR7:17660096	SSF x Far_LoA	-10,349044	0,016	0,304
CHR7	17660144	CHR7:17660144	SSF x Far_LoA	-8,98837994	-0,105	0,292
CHR7	17660195	CHR7:17660195	SSF x Far_LoA	-9,28430229	-0,042	0,307
CHR7	17683512	CHR7:17683512	SSF x Far_LoA	-9,41714461	-0,055	0,308
CHR7	17683541	CHR7:17683541	SSF x Far_LoA	-5,79590899	0,113	0,304
CHR7	17683578	CHR7:17683578	SSF x Far_LoA	-10,5829725	0,061	0,298
CHR7	17683583	CHR7:17683583	SSF x Far_LoA	-9,89182921	-0,010	0,316
CHR7	17683585	CHR7:17683585	SSF x Far_LoA	-10,1598808	0,048	0,287
CHR7	17683586	CHR7:17683586	SSF x Far_LoA	-9,56544619	0,075	0,304
CHR7	17683606	CHR7:17683606	SSF x Far_LoA	-9,88277152	0,046	0,305
CHR7	17683610	CHR7:17683610	SSF x Far_LoA	-11,5430643	0,099	0,296
CHR7	17683618	CHR7:17683618	SSF x Far_LoA	-11,1282207	0,103	0,300
CHR7	17683625	CHR7:17683625	SSF x Far_LoA	-9,77322487	-0,093	0,311
CHR7	17683679	CHR7:17683679	SSF x Far_LoA	-10,4013756	0,082	0,303
CHR7	17683682	CHR7:17683682	SSF x Far_LoA	-10,0330623	0,091	0,300
CHR7	17683721	CHR7:17683721	SSF x Far_LoA	-10,7369203	-0,025	0,303
CHR7	17685644	CHR7:17685644	SSF x Far_LoA	-11,5519407	-0,050	0,305
CHR7	17685809	CHR7:17685809	SSF x Far_LoA	-8,0550688	0,082	0,305
CHR7	17689285	CHR7:17689285	SSF x Far_LoA	-10,5620166	0,006	0,299
CHR7	17699845	CHR7:17699845	SSF x Far_LoA	-9,38406586	-0,031	0,303
CHR7	17699920	CHR7:17699920	SSF x Far_LoA	-10,4948793	0,021	0,303
CHR7	17700027	CHR7:17700027	SSF x Far_LoA	-10,4737521	-0,044	0,312
CHR7	17700040	CHR7:17700040	SSF x Far_LoA	-9,50295641	0,032	0,308
CHR7	17700053	CHR7:17700053	SSF x Far_LoA	-2,9714399	0,017	0,313
CHR7	17700057	CHR7:17700057	SSF x Far_LoA	-10,5182606	0,119	0,292
CHR7	17700060	CHR7:17700060	SSF x Far_LoA	-11,3111136	-0,037	0,312
CHR7	17701882	CHR7:17701882	SSF x Far_LoA	-10,6278221	-0,052	0,323
CHR7	17702122	CHR7:17702122	SSF x Far_LoA	-5,13901906	0,026	0,318
CHR7	17702136	CHR7:17702136	SSF x Far_LoA	-8,14477593	0,094	0,309
CHR7	17704610	CHR7:17704610	SSF x Far_LoA	-10,5579502	-0,094	0,309
CHR7	17704641	CHR7:17704641	SSF x Far_LoA	-9,11303336	0,013	0,302
CHR7	17704659	CHR7:17704659	SSF x Far_LoA	-8,93363735	-0,035	0,315
CHR7	17705266	CHR7:17705266	SSF x Far_LoA	-7,89672114	-0,098	0,308
CHR7	17705289	CHR7:17705289	SSF x Far_LoA	-10,7081754	-0,008	0,303
CHR7	17714443	CHR7:17714443	SSF x Far_LoA	-10,0689128	-0,022	0,289
CHR7	17714447	CHR7:17714447	SSF x Far_LoA	-10,2195036	0,129	0,300
CHR7	17714455	CHR7:17714455	SSF x Far_LoA	-9,45924859	-0,061	0,315
CHR7	17714522	CHR7:17714522	SSF x Far_LoA	-11,4166986	-0,055	0,299
CHR7	17714557	CHR7:17714557	SSF x Far_LoA	-7,11448219	0,081	0,297
CHR7	17715545	CHR7:17715545	SSF x Far_LoA	-10,7631357	-0,132	0,303
CHR7	17720943	CHR7:17720943	SSF x Far_LoA	-8,35014241	0,119	0,290
CHR7	17720965	CHR7:17720965	SSF x Far_LoA	-10,6795123	0,044	0,305
CHR7	17720998	CHR7:17720998	SSF x Far_LoA	-9,12083955	-0,151	0,295
CHR7	17721017	CHR7:17721017	SSF x Far_LoA	-7,63782379	-0,068	0,315
CHR7	17721128	CHR7:17721128	SSF x Far_LoA	-12,4674705	0,015	0,304
CHR7	17721206	CHR7:17721206	SSF x Far_LoA	-10,9008747	-0,072	0,300
CHR7	17724950	CHR7:17724950	SSF x Far_LoA	-12,419905	0,002	0,308
CHR7	17725006	CHR7:17725006	SSF x Far_LoA	-10,0891716	-0,058	0,305

CHR7	17731201	CHR7:17731201	SSF x Far_LoA	-10,5037077	-0,014	0,303
CHR7	17731241	CHR7:17731241	SSF x Far_LoA	-5,01296512	0,042	0,316
CHR7	17731911	CHR7:17731911	SSF x Far_LoA	-8,55245215	0,027	0,302
CHR7	17732007	CHR7:17732007	SSF x Far_LoA	-11,2061176	-0,054	0,303
CHR7	17735342	CHR7:17735342	SSF x Far_LoA	-5,25819635	-0,200	0,310
CHR7	17735343	CHR7:17735343	SSF x Far_LoA	-11,2506776	0,018	0,311
CHR7	17735360	CHR7:17735360	SSF x Far_LoA	-7,65352492	-0,180	0,299
CHR7	17743448	CHR7:17743448	SSF x Far_LoA	-8,68908687	0,070	0,303
CHR7	17743451	CHR7:17743451	SSF x Far_LoA	-3,03342102	-0,001	0,305
CHR7	17743549	CHR7:17743549	SSF x Far_LoA	-9,39643375	0,080	0,309
CHR7	17744041	CHR7:17744041	SSF x Far_LoA	6,16801567	0,137	0,307
CHR7	17745031	CHR7:17745031	SSF x Far_LoA	-11,0463334	0,106	0,304
CHR7	17764977	CHR7:17764977	SSF x Far_LoA	-10,4825811	0,022	0,322
CHR7	177706	CHR7:177706	SSF x Far_LoA	-5,73310751	0,163	0,297
CHR7	17773179	CHR7:17773179	SSF x Far_LoA	-9,31856422	-0,051	0,305
CHR7	17778493	CHR7:17778493	SSF x Far_LoA	-8,78066265	0,042	0,285
CHR7	17778525	CHR7:17778525	SSF x Far_LoA	-6,95343196	0,063	0,284
CHR7	17778528	CHR7:17778528	SSF x Far_LoA	-7,8690011	0,047	0,287
CHR7	17797058	CHR7:17797058	SSF x Far_LoA	-11,0908305	0,005	0,311
CHR7	17797301	CHR7:17797301	SSF x Far_LoA	-9,28014621	0,013	0,313
CHR7	17801595	CHR7:17801595	SSF x Far_LoA	-9,07761538	-0,130	0,293
CHR7	17801635	CHR7:17801635	SSF x Far_LoA	-6,84043835	0,206	0,288
CHR7	17803324	CHR7:17803324	SSF x Far_LoA	3,17332639	0,022	0,293
CHR7	17803325	CHR7:17803325	SSF x Far_LoA	-7,94653505	0,152	0,291
CHR7	17808657	CHR7:17808657	SSF x Far_LoA	-8,08045058	0,063	0,299
CHR7	17808791	CHR7:17808791	SSF x Far_LoA	-8,55386931	0,063	0,312
CHR7	17808792	CHR7:17808792	SSF x Far_LoA	-8,0171402	0,090	0,302
CHR7	17808801	CHR7:17808801	SSF x Far_LoA	-11,0093833	0,040	0,309
CHR7	17808844	CHR7:17808844	SSF x Far_LoA	-9,26790836	-0,044	0,306
CHR7	1781172	CHR7:1781172	SSF x Far_LoA	-9,62000876	0,025	0,324
CHR7	17814697	CHR7:17814697	SSF x Far_LoA	-8,24175914	-0,108	0,306
CHR7	17814712	CHR7:17814712	SSF x Far_LoA	-10,2667761	-0,110	0,312
CHR7	17814891	CHR7:17814891	SSF x Far_LoA	-9,44780572	0,083	0,299
CHR7	17820892	CHR7:17820892	SSF x Far_LoA	-9,49057479	0,015	0,312
CHR7	17820907	CHR7:17820907	SSF x Far_LoA	-10,1089832	-0,081	0,303
CHR7	17824826	CHR7:17824826	SSF x Far_LoA	-7,23266191	-0,145	0,314
CHR7	17824862	CHR7:17824862	SSF x Far_LoA	-7,93082211	0,088	0,307
CHR7	17828533	CHR7:17828533	SSF x Far_LoA	-10,9043478	0,047	0,309
CHR7	17828763	CHR7:17828763	SSF x Far_LoA	-9,47366783	0,066	0,307
CHR7	17831674	CHR7:17831674	SSF x Far_LoA	-9,40804513	0,055	0,305
CHR7	17832387	CHR7:17832387	SSF x Far_LoA	-7,63055882	0,065	0,301
CHR7	17840391	CHR7:17840391	SSF x Far_LoA	-6,36381693	0,192	0,296
CHR7	17845342	CHR7:17845342	SSF x Far_LoA	-3,10013674	-0,068	0,312
CHR7	17845369	CHR7:17845369	SSF x Far_LoA	-8,53088912	0,119	0,311
CHR7	17845372	CHR7:17845372	SSF x Far_LoA	-6,24330595	0,118	0,298
CHR7	17845415	CHR7:17845415	SSF x Far_LoA	-10,341378	-0,087	0,314
CHR7	17848577	CHR7:17848577	SSF x Far_LoA	-11,4350293	-0,066	0,309
CHR7	17849189	CHR7:17849189	SSF x Far_LoA	-9,279337	0,078	0,299
CHR7	1785145	CHR7:1785145	SSF x Far_LoA	-8,98873375	-0,013	0,312
CHR7	1785166	CHR7:1785166	SSF x Far_LoA	-11,5333287	-0,047	0,298
CHR7	1785168	CHR7:1785168	SSF x Far_LoA	-11,4787144	-0,050	0,310
CHR7	1785173	CHR7:1785173	SSF x Far_LoA	-9,42320402	-0,038	0,295
CHR7	17852939	CHR7:17852939	SSF x Far_LoA	-5,02070875	0,070	0,288

CHR7	17853048	CHR7:17853048	SSF x Far_LoA	-11,3160718	-0,016	0,310
CHR7	17853076	CHR7:17853076	SSF x Far_LoA	-9,00331124	-0,044	0,310
CHR7	17855072	CHR7:17855072	SSF x Far_LoA	-11,0449141	-0,097	0,310
CHR7	17857666	CHR7:17857666	SSF x Far_LoA	0,54031775	0,214	0,280
CHR7	17857674	CHR7:17857674	SSF x Far_LoA	-6,2009742	0,200	0,289
CHR7	17857690	CHR7:17857690	SSF x Far_LoA	-4,61690104	0,257	0,271
CHR7	17857710	CHR7:17857710	SSF x Far_LoA	-7,47904411	-0,007	0,321
CHR7	17857746	CHR7:17857746	SSF x Far_LoA	-6,19339911	0,218	0,292
CHR7	17857748	CHR7:17857748	SSF x Far_LoA	-4,77144813	0,200	0,302
CHR7	17857762	CHR7:17857762	SSF x Far_LoA	-9,24302586	-0,184	0,304
CHR7	17857774	CHR7:17857774	SSF x Far_LoA	-9,82220258	0,108	0,314
CHR7	17857879	CHR7:17857879	SSF x Far_LoA	-3,52006815	0,141	0,301
CHR7	17865816	CHR7:17865816	SSF x Far_LoA	-7,9586342	-0,093	0,295
CHR7	17865822	CHR7:17865822	SSF x Far_LoA	-7,69826334	-0,118	0,291
CHR7	17865846	CHR7:17865846	SSF x Far_LoA	-6,26133206	0,183	0,302
CHR7	17865847	CHR7:17865847	SSF x Far_LoA	-10,3173006	0,009	0,310
CHR7	17865953	CHR7:17865953	SSF x Far_LoA	-9,37052378	-0,115	0,301
CHR7	1787892	CHR7:1787892	SSF x Far_LoA	-9,19999586	0,043	0,307
CHR7	17880709	CHR7:17880709	SSF x Far_LoA	-10,2697846	-0,055	0,308
CHR7	17880720	CHR7:17880720	SSF x Far_LoA	-9,33562578	0,104	0,298
CHR7	17880736	CHR7:17880736	SSF x Far_LoA	-10,9752593	0,007	0,313
CHR7	17880770	CHR7:17880770	SSF x Far_LoA	-10,724635	-0,051	0,300
CHR7	17883081	CHR7:17883081	SSF x Far_LoA	-9,76655711	0,126	0,307
CHR7	17883087	CHR7:17883087	SSF x Far_LoA	-9,36281257	-0,140	0,301
CHR7	17883187	CHR7:17883187	SSF x Far_LoA	-12,7637743	-0,077	0,299
CHR7	17883244	CHR7:17883244	SSF x Far_LoA	-10,7658953	0,017	0,300
CHR7	17883299	CHR7:17883299	SSF x Far_LoA	-11,3425881	-0,041	0,290
CHR7	17883310	CHR7:17883310	SSF x Far_LoA	-10,2737356	-0,034	0,315
CHR7	17883340	CHR7:17883340	SSF x Far_LoA	-10,941132	0,000	0,303
CHR7	17889101	CHR7:17889101	SSF x Far_LoA	-10,394576	0,010	0,300
CHR7	17889188	CHR7:17889188	SSF x Far_LoA	-9,06912177	-0,082	0,307
CHR7	17889269	CHR7:17889269	SSF x Far_LoA	-7,59329124	0,071	0,306
CHR7	17889283	CHR7:17889283	SSF x Far_LoA	-10,9746077	-0,019	0,301
CHR7	17889319	CHR7:17889319	SSF x Far_LoA	-4,66025704	0,056	0,304
CHR7	17890958	CHR7:17890958	SSF x Far_LoA	-10,3740608	0,124	0,297
CHR7	17893962	CHR7:17893962	SSF x Far_LoA	-7,52253726	-0,017	0,289
CHR7	17894034	CHR7:17894034	SSF x Far_LoA	-7,10218813	0,124	0,309
CHR7	17894036	CHR7:17894036	SSF x Far_LoA	-11,1695165	-0,041	0,300
CHR7	17894066	CHR7:17894066	SSF x Far_LoA	-7,95735857	0,103	0,299
CHR7	17896316	CHR7:17896316	SSF x Far_LoA	-9,05339456	-0,055	0,312
CHR7	17896341	CHR7:17896341	SSF x Far_LoA	-9,25631289	0,017	0,304
CHR7	17896343	CHR7:17896343	SSF x Far_LoA	-9,90962439	0,006	0,299
CHR7	17896372	CHR7:17896372	SSF x Far_LoA	-7,86790584	-0,063	0,306
CHR7	17896377	CHR7:17896377	SSF x Far_LoA	-7,9433799	-0,059	0,312
CHR7	17896460	CHR7:17896460	SSF x Far_LoA	-9,13942164	0,019	0,328
CHR7	17896475	CHR7:17896475	SSF x Far_LoA	-3,32593178	-0,065	0,311
CHR7	17896488	CHR7:17896488	SSF x Far_LoA	-11,0917347	-0,044	0,310
CHR7	1790418	CHR7:1790418	SSF x Far_LoA	-10,6681128	0,000	0,299
CHR7	17905853	CHR7:17905853	SSF x Far_LoA	-12,0337028	-0,005	0,306
CHR7	17905959	CHR7:17905959	SSF x Far_LoA	-6,74691749	0,129	0,314
CHR7	17908590	CHR7:17908590	SSF x Far_LoA	-10,6272906	-0,039	0,310
CHR7	17912355	CHR7:17912355	SSF x Far_LoA	-8,65760816	0,077	0,305
CHR7	17913615	CHR7:17913615	SSF x Far_LoA	-11,2588891	-0,086	0,303

CHR7	17913659	CHR7:17913659	SSF x Far_LoA	-8,21056755	-0,192	0,297
CHR7	17928077	CHR7:17928077	SSF x Far_LoA	-8,73419687	-0,094	0,307
CHR7	17928208	CHR7:17928208	SSF x Far_LoA	-9,82087857	0,050	0,304
CHR7	17928247	CHR7:17928247	SSF x Far_LoA	-9,05427012	0,073	0,302
CHR7	17933754	CHR7:17933754	SSF x Far_LoA	-8,27777716	-0,041	0,312
CHR7	17939479	CHR7:17939479	SSF x Far_LoA	-9,87816211	-0,011	0,308
CHR7	17939659	CHR7:17939659	SSF x Far_LoA	-8,08382845	-0,101	0,299
CHR7	17939665	CHR7:17939665	SSF x Far_LoA	-9,73763391	0,075	0,311
CHR7	17939682	CHR7:17939682	SSF x Far_LoA	-9,76867084	-0,101	0,313
CHR7	17944105	CHR7:17944105	SSF x Far_LoA	-10,5654772	-0,043	0,308
CHR7	17949540	CHR7:17949540	SSF x Far_LoA	-11,4213585	0,013	0,303
CHR7	17955905	CHR7:17955905	SSF x Far_LoA	-9,20852652	0,125	0,308
CHR7	17955907	CHR7:17955907	SSF x Far_LoA	-8,20614308	0,124	0,309
CHR7	17955948	CHR7:17955948	SSF x Far_LoA	-10,1126042	-0,034	0,326
CHR7	17955964	CHR7:17955964	SSF x Far_LoA	-11,13892	0,037	0,301
CHR7	17958404	CHR7:17958404	SSF x Far_LoA	-6,70291867	0,151	0,295
CHR7	1797522	CHR7:1797522	SSF x Far_LoA	-8,0169314	0,088	0,306
CHR7	1797632	CHR7:1797632	SSF x Far_LoA	-11,7528955	0,054	0,288
CHR7	1797639	CHR7:1797639	SSF x Far_LoA	-7,78273132	-0,080	0,303
CHR7	1797656	CHR7:1797656	SSF x Far_LoA	-9,92934702	-0,121	0,306
CHR7	17978453	CHR7:17978453	SSF x Far_LoA	-9,12650886	-0,079	0,313
CHR7	17978454	CHR7:17978454	SSF x Far_LoA	1,8893529	0,090	0,322
CHR7	17978510	CHR7:17978510	SSF x Far_LoA	-7,77398752	0,172	0,303
CHR7	17978645	CHR7:17978645	SSF x Far_LoA	-8,78673494	0,020	0,310
CHR7	17984280	CHR7:17984280	SSF x Far_LoA	-10,0624164	-0,110	0,317
CHR7	17984370	CHR7:17984370	SSF x Far_LoA	-9,03103837	-0,160	0,298
CHR7	17986160	CHR7:17986160	SSF x Far_LoA	-3,98676425	0,212	0,302
CHR7	17986173	CHR7:17986173	SSF x Far_LoA	-7,88236067	-0,168	0,303
CHR7	18018236	CHR7:18018236	SSF x Far_LoA	-11,2313502	-0,011	0,315
CHR7	18018239	CHR7:18018239	SSF x Far_LoA	-9,77402809	-0,065	0,309
CHR7	18023587	CHR7:18023587	SSF x Far_LoA	-6,42680596	-0,190	0,311
CHR7	18025535	CHR7:18025535	SSF x Far_LoA	-8,45960626	0,089	0,292
CHR7	18025554	CHR7:18025554	SSF x Far_LoA	-8,48259282	0,132	0,312
CHR7	18042619	CHR7:18042619	SSF x Far_LoA	-8,49306321	0,116	0,304
CHR7	18042792	CHR7:18042792	SSF x Far_LoA	-12,4182083	0,033	0,309
CHR7	18044385	CHR7:18044385	SSF x Far_LoA	-9,35395242	0,027	0,313
CHR7	18048251	CHR7:18048251	SSF x Far_LoA	-2,83787421	0,137	0,301
CHR7	1804942	CHR7:1804942	SSF x Far_LoA	-8,57915056	-0,078	0,292
CHR7	18055938	CHR7:18055938	SSF x Far_LoA	-8,92706523	0,043	0,291
CHR7	18055949	CHR7:18055949	SSF x Far_LoA	-8,51554635	-0,015	0,293
CHR7	18055971	CHR7:18055971	SSF x Far_LoA	-6,58409247	-0,134	0,307
CHR7	18055989	CHR7:18055989	SSF x Far_LoA	-9,22225721	-0,017	0,312
CHR7	18055993	CHR7:18055993	SSF x Far_LoA	-8,27077632	-0,160	0,313
CHR7	18068077	CHR7:18068077	SSF x Far_LoA	-6,20487242	0,125	0,304
CHR7	18068084	CHR7:18068084	SSF x Far_LoA	-8,17596	-0,081	0,305
CHR7	18068197	CHR7:18068197	SSF x Far_LoA	-10,8049894	-0,053	0,326
CHR7	18075527	CHR7:18075527	SSF x Far_LoA	-11,5866316	0,039	0,316
CHR7	18085706	CHR7:18085706	SSF x Far_LoA	-8,89154919	-0,057	0,309
CHR7	18092353	CHR7:18092353	SSF x Far_LoA	-7,96864033	-0,059	0,316
CHR7	18092399	CHR7:18092399	SSF x Far_LoA	-11,3402817	0,025	0,289
CHR7	18098166	CHR7:18098166	SSF x Far_LoA	-10,5970907	0,001	0,308
CHR7	18100468	CHR7:18100468	SSF x Far_LoA	-7,95874043	-0,081	0,298
CHR7	18107986	CHR7:18107986	SSF x Far_LoA	-10,8040278	-0,056	0,310

CHR7	18108157	CHR7:18108157	SSF x Far_LoA	-7,87770478	0,031	0,312
CHR7	18108223	CHR7:18108223	SSF x Far_LoA	-4,98685477	-0,125	0,316
CHR7	18114710	CHR7:18114710	SSF x Far_LoA	-9,48744287	-0,034	0,304
CHR7	18114840	CHR7:18114840	SSF x Far_LoA	-10,0051494	-0,067	0,315
CHR7	18120418	CHR7:18120418	SSF x Far_LoA	-11,4110833	-0,026	0,304
CHR7	18120434	CHR7:18120434	SSF x Far_LoA	-9,27724096	0,028	0,304
CHR7	18120688	CHR7:18120688	SSF x Far_LoA	-9,9459767	-0,065	0,302
CHR7	18128531	CHR7:18128531	SSF x Far_LoA	-6,94900046	0,042	0,304
CHR7	18128534	CHR7:18128534	SSF x Far_LoA	-5,45556145	-0,218	0,317
CHR7	18134347	CHR7:18134347	SSF x Far_LoA	-10,1896693	-0,026	0,308
CHR7	18134409	CHR7:18134409	SSF x Far_LoA	-9,61701347	0,087	0,315
CHR7	18134449	CHR7:18134449	SSF x Far_LoA	-8,20311579	0,000	0,316
CHR7	18134459	CHR7:18134459	SSF x Far_LoA	-10,7432112	0,077	0,302
CHR7	18134464	CHR7:18134464	SSF x Far_LoA	-10,7850898	0,068	0,308
CHR7	18134510	CHR7:18134510	SSF x Far_LoA	-8,71273709	0,099	0,312
CHR7	18134528	CHR7:18134528	SSF x Far_LoA	-7,53066719	0,049	0,309
CHR7	18136798	CHR7:18136798	SSF x Far_LoA	-9,93587367	0,154	0,306
CHR7	18136828	CHR7:18136828	SSF x Far_LoA	-8,44227509	-0,035	0,325
CHR7	18156768	CHR7:18156768	SSF x Far_LoA	-7,84721893	-0,123	0,310
CHR7	18156897	CHR7:18156897	SSF x Far_LoA	-7,07132549	-0,032	0,321
CHR7	18157403	CHR7:18157403	SSF x Far_LoA	-10,4638219	-0,004	0,303
CHR7	18157423	CHR7:18157423	SSF x Far_LoA	-9,01598512	-0,077	0,297
CHR7	18157425	CHR7:18157425	SSF x Far_LoA	-7,65289422	0,097	0,303
CHR7	18164198	CHR7:18164198	SSF x Far_LoA	-10,435318	0,101	0,311
CHR7	18164201	CHR7:18164201	SSF x Far_LoA	-9,55803827	-0,002	0,315
CHR7	18164203	CHR7:18164203	SSF x Far_LoA	-7,59073726	0,001	0,329
CHR7	18164218	CHR7:18164218	SSF x Far_LoA	-7,23282762	0,150	0,294
CHR7	18164320	CHR7:18164320	SSF x Far_LoA	-10,9879266	-0,039	0,305
CHR7	18164326	CHR7:18164326	SSF x Far_LoA	-9,58231735	0,052	0,319
CHR7	18165986	CHR7:18165986	SSF x Far_LoA	-10,0304082	-0,030	0,309
CHR7	18165990	CHR7:18165990	SSF x Far_LoA	-8,33800429	0,113	0,297
CHR7	18168276	CHR7:18168276	SSF x Far_LoA	-9,03486097	0,040	0,305
CHR7	18168348	CHR7:18168348	SSF x Far_LoA	-9,31438424	0,083	0,305
CHR7	18171795	CHR7:18171795	SSF x Far_LoA	-9,69132878	-0,094	0,303
CHR7	18171850	CHR7:18171850	SSF x Far_LoA	-11,2940263	0,030	0,288
CHR7	18171870	CHR7:18171870	SSF x Far_LoA	-9,24696276	0,022	0,312
CHR7	18172533	CHR7:18172533	SSF x Far_LoA	-10,2174074	0,038	0,306
CHR7	18174192	CHR7:18174192	SSF x Far_LoA	-6,72764505	0,161	0,301
CHR7	18178190	CHR7:18178190	SSF x Far_LoA	-9,3042207	0,033	0,308
CHR7	18178194	CHR7:18178194	SSF x Far_LoA	-8,28816266	-0,037	0,305
CHR7	18181356	CHR7:18181356	SSF x Far_LoA	-12,0651883	0,003	0,292
CHR7	18187416	CHR7:18187416	SSF x Far_LoA	-11,009978	-0,039	0,311
CHR7	18193964	CHR7:18193964	SSF x Far_LoA	-7,29896637	-0,138	0,301
CHR7	18200613	CHR7:18200613	SSF x Far_LoA	-6,20868914	0,158	0,297
CHR7	18200635	CHR7:18200635	SSF x Far_LoA	-7,47279927	-0,153	0,290
CHR7	18200682	CHR7:18200682	SSF x Far_LoA	-11,2014376	-0,026	0,308
CHR7	18200685	CHR7:18200685	SSF x Far_LoA	-10,8663398	-0,023	0,303
CHR7	18200686	CHR7:18200686	SSF x Far_LoA	-11,3448342	-0,085	0,300
CHR7	18215022	CHR7:18215022	SSF x Far_LoA	-5,01028874	0,175	0,287
CHR7	18215140	CHR7:18215140	SSF x Far_LoA	-9,02253254	0,061	0,308
CHR7	18215201	CHR7:18215201	SSF x Far_LoA	-8,39074576	0,089	0,295
CHR7	18219333	CHR7:18219333	SSF x Far_LoA	-10,1679663	-0,026	0,313
CHR7	18219485	CHR7:18219485	SSF x Far_LoA	-9,1423155	-0,025	0,307

CHR7	18224948	CHR7:18224948	SSF x Far_LoA	-6,76278115	0,117	0,296
CHR7	18224953	CHR7:18224953	SSF x Far_LoA	-8,04356536	0,004	0,297
CHR7	18224956	CHR7:18224956	SSF x Far_LoA	-8,85680829	-0,006	0,313
CHR7	18225018	CHR7:18225018	SSF x Far_LoA	-9,03869491	0,005	0,303
CHR7	18226562	CHR7:18226562	SSF x Far_LoA	-10,3076271	-0,057	0,315
CHR7	18226641	CHR7:18226641	SSF x Far_LoA	-9,53438727	0,084	0,320
CHR7	18226644	CHR7:18226644	SSF x Far_LoA	-11,0675507	0,029	0,305
CHR7	18226656	CHR7:18226656	SSF x Far_LoA	-9,68715265	0,068	0,303
CHR7	18230561	CHR7:18230561	SSF x Far_LoA	-10,118032	-0,050	0,320
CHR7	18240446	CHR7:18240446	SSF x Far_LoA	-11,7962153	0,052	0,304
CHR7	18240486	CHR7:18240486	SSF x Far_LoA	-8,59354097	0,024	0,313
CHR7	18240491	CHR7:18240491	SSF x Far_LoA	-8,18538161	0,128	0,311
CHR7	18240533	CHR7:18240533	SSF x Far_LoA	-8,76398561	0,142	0,300
CHR7	18261239	CHR7:18261239	SSF x Far_LoA	-8,96918454	0,030	0,304
CHR7	1826246	CHR7:1826246	SSF x Far_LoA	-7,30163624	0,068	0,302
CHR7	1826269	CHR7:1826269	SSF x Far_LoA	-9,56243957	0,072	0,293
CHR7	1826401	CHR7:1826401	SSF x Far_LoA	-9,74582288	0,106	0,300
CHR7	1826406	CHR7:1826406	SSF x Far_LoA	-10,1083393	-0,089	0,295
CHR7	1826434	CHR7:1826434	SSF x Far_LoA	-9,69174339	-0,020	0,323
CHR7	1828790	CHR7:1828790	SSF x Far_LoA	-10,9580963	-0,058	0,296
CHR7	1828812	CHR7:1828812	SSF x Far_LoA	-6,61862505	-0,029	0,316
CHR7	18289770	CHR7:18289770	SSF x Far_LoA	-7,83360324	0,227	0,291
CHR7	18289789	CHR7:18289789	SSF x Far_LoA	-10,470355	0,009	0,297
CHR7	18289797	CHR7:18289797	SSF x Far_LoA	-8,25809753	-0,154	0,299
CHR7	18289811	CHR7:18289811	SSF x Far_LoA	-10,106761	0,026	0,296
CHR7	18289880	CHR7:18289880	SSF x Far_LoA	-8,75885962	-0,014	0,309
CHR7	18289881	CHR7:18289881	SSF x Far_LoA	-11,2522614	0,075	0,297
CHR7	18289990	CHR7:18289990	SSF x Far_LoA	-9,08547515	-0,088	0,314
CHR7	18293156	CHR7:18293156	SSF x Far_LoA	-5,17031114	-0,030	0,303
CHR7	18302079	CHR7:18302079	SSF x Far_LoA	-8,89583821	0,015	0,328
CHR7	1830268	CHR7:1830268	SSF x Far_LoA	-10,5642691	-0,058	0,308
CHR7	18303466	CHR7:18303466	SSF x Far_LoA	-7,68160074	0,052	0,306
CHR7	18317591	CHR7:18317591	SSF x Far_LoA	-9,59487004	-0,081	0,298
CHR7	18317658	CHR7:18317658	SSF x Far_LoA	-10,779714	0,024	0,312
CHR7	18317791	CHR7:18317791	SSF x Far_LoA	-4,99708972	-0,161	0,302
CHR7	18331108	CHR7:18331108	SSF x Far_LoA	-8,2974288	0,058	0,306
CHR7	18331114	CHR7:18331114	SSF x Far_LoA	-9,60138756	-0,086	0,317
CHR7	18331149	CHR7:18331149	SSF x Far_LoA	-10,2229491	-0,100	0,308
CHR7	18331193	CHR7:18331193	SSF x Far_LoA	-8,57897506	0,186	0,297
CHR7	18335327	CHR7:18335327	SSF x Far_LoA	-4,01123104	-0,168	0,300
CHR7	18335345	CHR7:18335345	SSF x Far_LoA	-6,15532328	-0,202	0,291
CHR7	18335379	CHR7:18335379	SSF x Far_LoA	-8,57028668	0,135	0,296
CHR7	18335385	CHR7:18335385	SSF x Far_LoA	-9,3593967	0,023	0,291
CHR7	18335395	CHR7:18335395	SSF x Far_LoA	-10,0957566	-0,138	0,309
CHR7	18335415	CHR7:18335415	SSF x Far_LoA	-9,71589385	-0,076	0,313
CHR7	18357546	CHR7:18357546	SSF x Far_LoA	-11,4632802	0,016	0,290
CHR7	18371712	CHR7:18371712	SSF x Far_LoA	-7,93007449	0,121	0,296
CHR7	18372264	CHR7:18372264	SSF x Far_LoA	-10,4810811	-0,016	0,307
CHR7	18381747	CHR7:18381747	SSF x Far_LoA	-10,8819526	-0,008	0,304
CHR7	18381794	CHR7:18381794	SSF x Far_LoA	-9,25747798	0,022	0,293
CHR7	18382878	CHR7:18382878	SSF x Far_LoA	-7,37574343	0,161	0,291
CHR7	18382893	CHR7:18382893	SSF x Far_LoA	-11,2260677	-0,039	0,299
CHR7	18382902	CHR7:18382902	SSF x Far_LoA	-8,28841285	0,064	0,308

CHR7	18382924	CHR7:18382924	SSF x Far_LoA	-7,9495203	-0,062	0,330
CHR7	18382950	CHR7:18382950	SSF x Far_LoA	-9,73436416	-0,001	0,311
CHR7	18382977	CHR7:18382977	SSF x Far_LoA	-11,1026602	0,004	0,294
CHR7	18382978	CHR7:18382978	SSF x Far_LoA	-10,2103158	-0,021	0,309
CHR7	18384381	CHR7:18384381	SSF x Far_LoA	-8,3959104	0,073	0,313
CHR7	18384384	CHR7:18384384	SSF x Far_LoA	-1,49303206	-0,191	0,286
CHR7	1839101	CHR7:1839101	SSF x Far_LoA	-9,23730679	0,078	0,311
CHR7	1839112	CHR7:1839112	SSF x Far_LoA	-6,85701006	0,160	0,315
CHR7	1839119	CHR7:1839119	SSF x Far_LoA	-7,5129186	0,122	0,313
CHR7	1839188	CHR7:1839188	SSF x Far_LoA	-10,1725966	0,094	0,315
CHR7	1839302	CHR7:1839302	SSF x Far_LoA	-8,75189165	0,004	0,307
CHR7	1839310	CHR7:1839310	SSF x Far_LoA	-9,17751131	-0,042	0,297
CHR7	18393233	CHR7:18393233	SSF x Far_LoA	-6,95595909	-0,118	0,291
CHR7	18393246	CHR7:18393246	SSF x Far_LoA	-11,2020324	-0,018	0,311
CHR7	18417439	CHR7:18417439	SSF x Far_LoA	-10,5504802	0,013	0,312
CHR7	18417456	CHR7:18417456	SSF x Far_LoA	-9,68087181	0,065	0,310
CHR7	18419521	CHR7:18419521	SSF x Far_LoA	-11,3617395	-0,009	0,321
CHR7	18420303	CHR7:18420303	SSF x Far_LoA	-10,3541893	0,015	0,301
CHR7	18421092	CHR7:18421092	SSF x Far_LoA	-11,0106218	0,036	0,291
CHR7	18421093	CHR7:18421093	SSF x Far_LoA	-9,96625672	-0,005	0,303
CHR7	18421103	CHR7:18421103	SSF x Far_LoA	-10,9853579	0,021	0,299
CHR7	18421105	CHR7:18421105	SSF x Far_LoA	-9,56546864	-0,017	0,311
CHR7	18421142	CHR7:18421142	SSF x Far_LoA	-8,77275407	-0,004	0,312
CHR7	18421144	CHR7:18421144	SSF x Far_LoA	-9,91615548	0,007	0,301
CHR7	18422387	CHR7:18422387	SSF x Far_LoA	-9,93052752	-0,094	0,307
CHR7	18439989	CHR7:18439989	SSF x Far_LoA	-7,73571691	-0,071	0,309
CHR7	18439996	CHR7:18439996	SSF x Far_LoA	-8,5060918	0,053	0,312
CHR7	18440088	CHR7:18440088	SSF x Far_LoA	-11,265962	-0,021	0,311
CHR7	18443330	CHR7:18443330	SSF x Far_LoA	-11,088451	0,084	0,310
CHR7	18443535	CHR7:18443535	SSF x Far_LoA	-11,8384142	-0,012	0,302
CHR7	18461095	CHR7:18461095	SSF x Far_LoA	-10,2862576	0,015	0,305
CHR7	18461120	CHR7:18461120	SSF x Far_LoA	-9,6836194	-0,013	0,311
CHR7	18461121	CHR7:18461121	SSF x Far_LoA	-5,04349621	0,095	0,311
CHR7	18461260	CHR7:18461260	SSF x Far_LoA	-10,1157616	-0,008	0,311
CHR7	18463253	CHR7:18463253	SSF x Far_LoA	-9,48872725	-0,051	0,309
CHR7	18463284	CHR7:18463284	SSF x Far_LoA	-10,6440891	-0,033	0,313
CHR7	18468362	CHR7:18468362	SSF x Far_LoA	-10,2024721	0,090	0,296
CHR7	18474169	CHR7:18474169	SSF x Far_LoA	-6,40698459	0,092	0,304
CHR7	18474190	CHR7:18474190	SSF x Far_LoA	-9,80097634	0,096	0,302
CHR7	18476755	CHR7:18476755	SSF x Far_LoA	-8,74392852	-0,155	0,292
CHR7	18476855	CHR7:18476855	SSF x Far_LoA	-11,1760203	-0,051	0,303
CHR7	18478708	CHR7:18478708	SSF x Far_LoA	-11,2428023	0,029	0,301
CHR7	1849165	CHR7:1849165	SSF x Far_LoA	-6,84658465	-0,087	0,309
CHR7	1849343	CHR7:1849343	SSF x Far_LoA	-9,20381097	-0,018	0,312
CHR7	1849401	CHR7:1849401	SSF x Far_LoA	-10,7606731	0,023	0,295
CHR7	18494306	CHR7:18494306	SSF x Far_LoA	-9,21096721	0,140	0,299
CHR7	18494326	CHR7:18494326	SSF x Far_LoA	-10,9703433	-0,029	0,324
CHR7	18494391	CHR7:18494391	SSF x Far_LoA	-8,84799645	0,055	0,317
CHR7	18494446	CHR7:18494446	SSF x Far_LoA	-7,51023933	0,171	0,288
CHR7	18496800	CHR7:18496800	SSF x Far_LoA	-10,3033012	-0,105	0,306
CHR7	18496880	CHR7:18496880	SSF x Far_LoA	-7,21195862	-0,004	0,314
CHR7	18496890	CHR7:18496890	SSF x Far_LoA	-8,48061805	0,056	0,304
CHR7	18506066	CHR7:18506066	SSF x Far_LoA	-7,23686231	0,078	0,315

CHR7	18519254	CHR7:18519254	SSF x Far_LoA	-9,9099317	0,138	0,295
CHR7	18519261	CHR7:18519261	SSF x Far_LoA	-9,42180678	-0,126	0,301
CHR7	18521200	CHR7:18521200	SSF x Far_LoA	-9,73498083	-0,036	0,306
CHR7	18521286	CHR7:18521286	SSF x Far_LoA	-7,80107755	0,046	0,316
CHR7	18521289	CHR7:18521289	SSF x Far_LoA	-7,25022476	0,044	0,313
CHR7	18521310	CHR7:18521310	SSF x Far_LoA	-7,98236494	-0,006	0,306
CHR7	18521333	CHR7:18521333	SSF x Far_LoA	-7,29943441	-0,146	0,297
CHR7	18521339	CHR7:18521339	SSF x Far_LoA	-6,72358392	0,120	0,307
CHR7	18521389	CHR7:18521389	SSF x Far_LoA	-9,77622902	-0,087	0,293
CHR7	1852263	CHR7:1852263	SSF x Far_LoA	-8,98341737	0,118	0,299
CHR7	18532751	CHR7:18532751	SSF x Far_LoA	-9,28425205	0,043	0,307
CHR7	18532829	CHR7:18532829	SSF x Far_LoA	-6,81654989	-0,058	0,325
CHR7	18532834	CHR7:18532834	SSF x Far_LoA	-10,0604318	0,078	0,310
CHR7	18533086	CHR7:18533086	SSF x Far_LoA	-9,69071663	0,029	0,302
CHR7	18533094	CHR7:18533094	SSF x Far_LoA	-7,75493426	0,129	0,312
CHR7	18533107	CHR7:18533107	SSF x Far_LoA	-9,20428627	-0,068	0,300
CHR7	18540400	CHR7:18540400	SSF x Far_LoA	-6,92003386	-0,118	0,305
CHR7	18540559	CHR7:18540559	SSF x Far_LoA	-7,6645532	-0,044	0,314
CHR7	18540560	CHR7:18540560	SSF x Far_LoA	-10,8843993	0,037	0,301
CHR7	18540564	CHR7:18540564	SSF x Far_LoA	-8,49637901	0,012	0,317
CHR7	18542237	CHR7:18542237	SSF x Far_LoA	-0,53506336	0,159	0,309
CHR7	1854410	CHR7:1854410	SSF x Far_LoA	-7,40092417	-0,043	0,308
CHR7	18550398	CHR7:18550398	SSF x Far_LoA	-7,47162379	0,113	0,291
CHR7	18550449	CHR7:18550449	SSF x Far_LoA	-8,92780212	0,105	0,280
CHR7	18550701	CHR7:18550701	SSF x Far_LoA	-10,374432	0,005	0,306
CHR7	18553493	CHR7:18553493	SSF x Far_LoA	-8,6241569	-0,054	0,308
CHR7	18553637	CHR7:18553637	SSF x Far_LoA	-10,7134972	0,054	0,298
CHR7	18553691	CHR7:18553691	SSF x Far_LoA	-10,3746467	-0,086	0,313
CHR7	18572063	CHR7:18572063	SSF x Far_LoA	-8,7362747	0,079	0,294
CHR7	18572105	CHR7:18572105	SSF x Far_LoA	-8,52544939	0,080	0,294
CHR7	18579762	CHR7:18579762	SSF x Far_LoA	-10,5018657	0,039	0,300
CHR7	18579795	CHR7:18579795	SSF x Far_LoA	-9,51759891	-0,005	0,306
CHR7	18583516	CHR7:18583516	SSF x Far_LoA	-11,1433158	-0,045	0,311
CHR7	18584827	CHR7:18584827	SSF x Far_LoA	-9,70111791	0,140	0,308
CHR7	18584928	CHR7:18584928	SSF x Far_LoA	-7,98917799	-0,009	0,307
CHR7	18584978	CHR7:18584978	SSF x Far_LoA	-10,8985706	0,006	0,311
CHR7	18584986	CHR7:18584986	SSF x Far_LoA	-6,81621201	0,130	0,297
CHR7	18584994	CHR7:18584994	SSF x Far_LoA	-8,94566736	-0,007	0,296
CHR7	18585062	CHR7:18585062	SSF x Far_LoA	-11,1371243	0,000	0,293
CHR7	18595165	CHR7:18595165	SSF x Far_LoA	-9,95973498	-0,036	0,326
CHR7	18595174	CHR7:18595174	SSF x Far_LoA	-10,8679633	-0,034	0,315
CHR7	18595186	CHR7:18595186	SSF x Far_LoA	-7,98710489	0,041	0,308
CHR7	18600103	CHR7:18600103	SSF x Far_LoA	-5,98223237	0,121	0,300
CHR7	18600129	CHR7:18600129	SSF x Far_LoA	-9,24435798	0,058	0,311
CHR7	18600251	CHR7:18600251	SSF x Far_LoA	-8,9179069	-0,122	0,297
CHR7	18600273	CHR7:18600273	SSF x Far_LoA	-8,52665993	0,044	0,315
CHR7	18608204	CHR7:18608204	SSF x Far_LoA	-8,90376156	-0,025	0,319
CHR7	18608300	CHR7:18608300	SSF x Far_LoA	-8,91540551	0,114	0,305
CHR7	18608326	CHR7:18608326	SSF x Far_LoA	-10,5550381	0,054	0,310
CHR7	18611888	CHR7:18611888	SSF x Far_LoA	-8,55950896	-0,128	0,303
CHR7	18615716	CHR7:18615716	SSF x Far_LoA	-10,0129138	0,106	0,293
CHR7	18638686	CHR7:18638686	SSF x Far_LoA	-9,47379713	0,042	0,327
CHR7	18638687	CHR7:18638687	SSF x Far_LoA	-9,34337114	0,052	0,304

CHR7	18638728	CHR7:18638728	SSF x Far_LoA	-5,28224326	0,013	0,295
CHR7	18638736	CHR7:18638736	SSF x Far_LoA	-8,44658636	-0,113	0,284
CHR7	18643179	CHR7:18643179	SSF x Far_LoA	-6,73728244	-0,153	0,300
CHR7	18643741	CHR7:18643741	SSF x Far_LoA	-10,79043	-0,090	0,302
CHR7	18656400	CHR7:18656400	SSF x Far_LoA	-11,4262169	0,109	0,293
CHR7	18657057	CHR7:18657057	SSF x Far_LoA	-9,24523047	0,110	0,315
CHR7	18657065	CHR7:18657065	SSF x Far_LoA	-11,4089349	0,056	0,295
CHR7	18672862	CHR7:18672862	SSF x Far_LoA	-11,2050783	0,042	0,302
CHR7	18672933	CHR7:18672933	SSF x Far_LoA	-9,32252845	0,002	0,321
CHR7	18672943	CHR7:18672943	SSF x Far_LoA	-8,83935621	0,058	0,319
CHR7	18674407	CHR7:18674407	SSF x Far_LoA	-7,82440071	0,057	0,313
CHR7	18674417	CHR7:18674417	SSF x Far_LoA	-8,72003125	0,085	0,308
CHR7	18674450	CHR7:18674450	SSF x Far_LoA	-9,30426505	0,027	0,316
CHR7	18674459	CHR7:18674459	SSF x Far_LoA	-9,24803204	0,011	0,300
CHR7	18674460	CHR7:18674460	SSF x Far_LoA	-11,1801502	-0,050	0,313
CHR7	18674478	CHR7:18674478	SSF x Far_LoA	-9,375363	-0,008	0,299
CHR7	18674494	CHR7:18674494	SSF x Far_LoA	-7,98719125	0,053	0,314
CHR7	18675593	CHR7:18675593	SSF x Far_LoA	-9,30265917	-0,081	0,312
CHR7	18675614	CHR7:18675614	SSF x Far_LoA	-10,090892	0,038	0,316
CHR7	18677196	CHR7:18677196	SSF x Far_LoA	-9,75911633	0,056	0,307
CHR7	18678173	CHR7:18678173	SSF x Far_LoA	-10,1356965	0,001	0,319
CHR7	18678225	CHR7:18678225	SSF x Far_LoA	-11,0359419	-0,063	0,299
CHR7	18678398	CHR7:18678398	SSF x Far_LoA	-12,0974963	0,004	0,307
CHR7	18686318	CHR7:18686318	SSF x Far_LoA	-9,9051447	0,053	0,313
CHR7	18686375	CHR7:18686375	SSF x Far_LoA	-7,57853212	0,005	0,316
CHR7	18686464	CHR7:18686464	SSF x Far_LoA	-12,0951975	-0,020	0,310
CHR7	18689835	CHR7:18689835	SSF x Far_LoA	-9,79234453	0,031	0,312
CHR7	18689984	CHR7:18689984	SSF x Far_LoA	-10,7231708	-0,107	0,303
CHR7	18693066	CHR7:18693066	SSF x Far_LoA	-11,5658414	-0,033	0,296
CHR7	18695574	CHR7:18695574	SSF x Far_LoA	-10,4838337	0,039	0,307
CHR7	18695618	CHR7:18695618	SSF x Far_LoA	-11,7389198	-0,004	0,302
CHR7	18695636	CHR7:18695636	SSF x Far_LoA	-10,4674393	0,046	0,311
CHR7	18695671	CHR7:18695671	SSF x Far_LoA	-10,6018004	-0,043	0,312
CHR7	18696393	CHR7:18696393	SSF x Far_LoA	-11,3280568	-0,035	0,326
CHR7	18708614	CHR7:18708614	SSF x Far_LoA	-7,78188905	0,072	0,306
CHR7	18708675	CHR7:18708675	SSF x Far_LoA	-10,9584084	0,018	0,309
CHR7	18708736	CHR7:18708736	SSF x Far_LoA	-8,5083285	0,073	0,300
CHR7	18708779	CHR7:18708779	SSF x Far_LoA	-9,92940886	-0,004	0,319
CHR7	18709758	CHR7:18709758	SSF x Far_LoA	-9,80466029	-0,020	0,317
CHR7	18709800	CHR7:18709800	SSF x Far_LoA	-10,1065497	-0,038	0,314
CHR7	18715383	CHR7:18715383	SSF x Far_LoA	-10,7909954	0,055	0,314
CHR7	18722297	CHR7:18722297	SSF x Far_LoA	-9,76836883	0,027	0,314
CHR7	18722358	CHR7:18722358	SSF x Far_LoA	-10,0691104	-0,068	0,316
CHR7	18728952	CHR7:18728952	SSF x Far_LoA	-11,3294805	0,077	0,305
CHR7	18728957	CHR7:18728957	SSF x Far_LoA	-8,47350338	0,078	0,302
CHR7	18729035	CHR7:18729035	SSF x Far_LoA	-6,19296442	-0,144	0,309
CHR7	18729120	CHR7:18729120	SSF x Far_LoA	-5,96583544	-0,129	0,310
CHR7	18732487	CHR7:18732487	SSF x Far_LoA	-10,353217	-0,065	0,302
CHR7	18732505	CHR7:18732505	SSF x Far_LoA	-11,0404266	-0,068	0,298
CHR7	18732633	CHR7:18732633	SSF x Far_LoA	-6,29656981	0,186	0,295
CHR7	18732735	CHR7:18732735	SSF x Far_LoA	-10,2098629	0,023	0,305
CHR7	18737995	CHR7:18737995	SSF x Far_LoA	-10,8642074	-0,026	0,323
CHR7	18738039	CHR7:18738039	SSF x Far_LoA	-10,5711918	-0,009	0,301

CHR7	1874653	CHR7:1874653	SSF x Far_LoA	-10,1060743	-0,016	0,310
CHR7	1874729	CHR7:1874729	SSF x Far_LoA	-8,22685666	0,029	0,306
CHR7	18749789	CHR7:18749789	SSF x Far_LoA	-10,6741816	-0,038	0,309
CHR7	18749803	CHR7:18749803	SSF x Far_LoA	-9,2929969	-0,015	0,303
CHR7	18749805	CHR7:18749805	SSF x Far_LoA	-9,35318135	0,026	0,307
CHR7	18749810	CHR7:18749810	SSF x Far_LoA	-10,570545	0,117	0,300
CHR7	18749818	CHR7:18749818	SSF x Far_LoA	-8,23446868	0,011	0,310
CHR7	18749866	CHR7:18749866	SSF x Far_LoA	-9,12576337	0,086	0,316
CHR7	18749881	CHR7:18749881	SSF x Far_LoA	-10,5042013	-0,037	0,303
CHR7	18749916	CHR7:18749916	SSF x Far_LoA	-11,5163453	0,034	0,311
CHR7	18760671	CHR7:18760671	SSF x Far_LoA	-7,92285491	0,094	0,310
CHR7	18774466	CHR7:18774466	SSF x Far_LoA	-8,77521569	-0,062	0,303
CHR7	18774486	CHR7:18774486	SSF x Far_LoA	-8,25573568	-0,085	0,308
CHR7	18783137	CHR7:18783137	SSF x Far_LoA	-8,43852324	0,061	0,311
CHR7	18783146	CHR7:18783146	SSF x Far_LoA	-6,17103072	-0,158	0,287
CHR7	18790333	CHR7:18790333	SSF x Far_LoA	-1,0866504	-0,211	0,291
CHR7	18790365	CHR7:18790365	SSF x Far_LoA	-9,25543278	-0,060	0,310
CHR7	18790463	CHR7:18790463	SSF x Far_LoA	-9,795323	-0,114	0,305
CHR7	18792554	CHR7:18792554	SSF x Far_LoA	-10,1018976	-0,020	0,304
CHR7	18793790	CHR7:18793790	SSF x Far_LoA	-8,60761367	0,009	0,304
CHR7	18793930	CHR7:18793930	SSF x Far_LoA	-7,69114957	0,065	0,309
CHR7	18796971	CHR7:18796971	SSF x Far_LoA	-9,35316267	-0,024	0,310
CHR7	18796976	CHR7:18796976	SSF x Far_LoA	-10,0139933	-0,077	0,309
CHR7	18797044	CHR7:18797044	SSF x Far_LoA	-9,96383996	0,027	0,303
CHR7	18808831	CHR7:18808831	SSF x Far_LoA	-7,78037714	-0,082	0,313
CHR7	18808841	CHR7:18808841	SSF x Far_LoA	-10,1176051	0,051	0,314
CHR7	18808936	CHR7:18808936	SSF x Far_LoA	-8,06401087	0,040	0,306
CHR7	18812293	CHR7:18812293	SSF x Far_LoA	-10,4197041	0,047	0,281
CHR7	18812327	CHR7:18812327	SSF x Far_LoA	-8,3301982	0,060	0,308
CHR7	18812336	CHR7:18812336	SSF x Far_LoA	-11,5716569	0,036	0,313
CHR7	18812366	CHR7:18812366	SSF x Far_LoA	-11,3378772	0,019	0,307
CHR7	1881521	CHR7:1881521	SSF x Far_LoA	-10,2325476	0,005	0,316
CHR7	1881544	CHR7:1881544	SSF x Far_LoA	-8,0814807	0,082	0,305
CHR7	18816709	CHR7:18816709	SSF x Far_LoA	-9,83058234	-0,082	0,315
CHR7	18816753	CHR7:18816753	SSF x Far_LoA	-7,79196602	-0,193	0,307
CHR7	1881681	CHR7:1881681	SSF x Far_LoA	-9,28628098	0,034	0,309
CHR7	18816906	CHR7:18816906	SSF x Far_LoA	-9,81465011	0,074	0,304
CHR7	18821024	CHR7:18821024	SSF x Far_LoA	-9,06801415	-0,130	0,320
CHR7	18821052	CHR7:18821052	SSF x Far_LoA	-10,5860532	-0,020	0,300
CHR7	18823831	CHR7:18823831	SSF x Far_LoA	-10,2297987	-0,050	0,316
CHR7	18823847	CHR7:18823847	SSF x Far_LoA	-11,3034248	0,022	0,313
CHR7	18823903	CHR7:18823903	SSF x Far_LoA	-9,13119131	-0,013	0,310
CHR7	18824013	CHR7:18824013	SSF x Far_LoA	-8,62670704	-0,038	0,325
CHR7	18825110	CHR7:18825110	SSF x Far_LoA	-11,9367593	0,082	0,295
CHR7	18825135	CHR7:18825135	SSF x Far_LoA	-9,96988894	0,046	0,300
CHR7	18825259	CHR7:18825259	SSF x Far_LoA	-8,20959	-0,052	0,324
CHR7	18825265	CHR7:18825265	SSF x Far_LoA	-9,0348499	0,122	0,293
CHR7	18833424	CHR7:18833424	SSF x Far_LoA	-11,2169507	0,030	0,314
CHR7	18833463	CHR7:18833463	SSF x Far_LoA	-7,71161756	0,092	0,313
CHR7	18837739	CHR7:18837739	SSF x Far_LoA	-8,07931345	-0,072	0,313
CHR7	18843874	CHR7:18843874	SSF x Far_LoA	-7,91795234	0,113	0,302
CHR7	18843920	CHR7:18843920	SSF x Far_LoA	-10,4029778	-0,075	0,307
CHR7	18843977	CHR7:18843977	SSF x Far_LoA	-9,69452079	0,047	0,321

CHR7	18843982	CHR7:18843982	SSF x Far_LoA	-9,03626938	0,112	0,305
CHR7	18843990	CHR7:18843990	SSF x Far_LoA	-10,5569598	0,058	0,308
CHR7	18844100	CHR7:18844100	SSF x Far_LoA	-10,0615191	0,089	0,308
CHR7	18844108	CHR7:18844108	SSF x Far_LoA	-8,47558711	0,069	0,306
CHR7	18844112	CHR7:18844112	SSF x Far_LoA	-9,61000954	-0,147	0,282
CHR7	18858899	CHR7:18858899	SSF x Far_LoA	-6,39788771	-0,085	0,293
CHR7	18858920	CHR7:18858920	SSF x Far_LoA	-9,56773402	-0,053	0,293
CHR7	18858921	CHR7:18858921	SSF x Far_LoA	-8,36858748	0,064	0,306
CHR7	18865382	CHR7:18865382	SSF x Far_LoA	-8,45273804	-0,104	0,314
CHR7	18865395	CHR7:18865395	SSF x Far_LoA	-7,78403133	-0,071	0,301
CHR7	18865419	CHR7:18865419	SSF x Far_LoA	-12,1394473	-0,048	0,283
CHR7	18865425	CHR7:18865425	SSF x Far_LoA	-11,7960288	0,030	0,304
CHR7	18865456	CHR7:18865456	SSF x Far_LoA	-10,1740301	-0,100	0,300
CHR7	18871193	CHR7:18871193	SSF x Far_LoA	-10,6957894	-0,038	0,302
CHR7	18871200	CHR7:18871200	SSF x Far_LoA	-8,17553737	-0,164	0,303
CHR7	18871243	CHR7:18871243	SSF x Far_LoA	-11,498696	-0,071	0,302
CHR7	18871259	CHR7:18871259	SSF x Far_LoA	-9,5507982	0,032	0,300
CHR7	18871287	CHR7:18871287	SSF x Far_LoA	-10,7540275	-0,069	0,286
CHR7	18878997	CHR7:18878997	SSF x Far_LoA	-8,46981777	0,012	0,303
CHR7	18879010	CHR7:18879010	SSF x Far_LoA	-12,0461125	0,018	0,311
CHR7	18880426	CHR7:18880426	SSF x Far_LoA	-11,3645172	-0,007	0,304
CHR7	18893481	CHR7:18893481	SSF x Far_LoA	-9,98359738	0,044	0,300
CHR7	18893572	CHR7:18893572	SSF x Far_LoA	-11,7428236	0,019	0,303
CHR7	18893594	CHR7:18893594	SSF x Far_LoA	-9,95382782	-0,001	0,318
CHR7	18897440	CHR7:18897440	SSF x Far_LoA	-6,78304669	0,105	0,302
CHR7	18898167	CHR7:18898167	SSF x Far_LoA	-11,922914	0,001	0,315
CHR7	18902970	CHR7:18902970	SSF x Far_LoA	-9,11265713	0,093	0,303
CHR7	18903034	CHR7:18903034	SSF x Far_LoA	-8,82045113	0,124	0,289
CHR7	18903053	CHR7:18903053	SSF x Far_LoA	-8,06169468	0,099	0,299
CHR7	18905174	CHR7:18905174	SSF x Far_LoA	-8,26426915	0,138	0,298
CHR7	1891579	CHR7:1891579	SSF x Far_LoA	-10,4945852	0,047	0,312
CHR7	1891684	CHR7:1891684	SSF x Far_LoA	-8,96884166	0,036	0,299
CHR7	1891700	CHR7:1891700	SSF x Far_LoA	-7,08372484	0,019	0,305
CHR7	18919587	CHR7:18919587	SSF x Far_LoA	-11,7221989	-0,052	0,305
CHR7	18929456	CHR7:18929456	SSF x Far_LoA	-9,22726108	0,001	0,308
CHR7	18931009	CHR7:18931009	SSF x Far_LoA	-11,6977852	-0,052	0,307
CHR7	18931022	CHR7:18931022	SSF x Far_LoA	-6,23981495	-0,055	0,309
CHR7	18931738	CHR7:18931738	SSF x Far_LoA	-10,2373149	-0,087	0,298
CHR7	18933269	CHR7:18933269	SSF x Far_LoA	-9,50950674	-0,014	0,290
CHR7	18936086	CHR7:18936086	SSF x Far_LoA	-10,5796511	-0,036	0,307
CHR7	18936087	CHR7:18936087	SSF x Far_LoA	-7,7406434	-0,029	0,313
CHR7	18936120	CHR7:18936120	SSF x Far_LoA	-8,92030812	-0,016	0,314
CHR7	18936166	CHR7:18936166	SSF x Far_LoA	-11,1216026	-0,112	0,295
CHR7	18936289	CHR7:18936289	SSF x Far_LoA	-9,55521953	-0,078	0,304
CHR7	18941088	CHR7:18941088	SSF x Far_LoA	-9,73103187	-0,103	0,319
CHR7	18941095	CHR7:18941095	SSF x Far_LoA	-8,51671977	-0,037	0,297
CHR7	18941174	CHR7:18941174	SSF x Far_LoA	-7,45846384	0,013	0,305
CHR7	18944124	CHR7:18944124	SSF x Far_LoA	-10,1504389	0,064	0,306
CHR7	18944132	CHR7:18944132	SSF x Far_LoA	-4,7203493	-0,078	0,295
CHR7	18944165	CHR7:18944165	SSF x Far_LoA	-10,9844919	-0,048	0,314
CHR7	18944189	CHR7:18944189	SSF x Far_LoA	-9,69011176	-0,035	0,310
CHR7	18945991	CHR7:18945991	SSF x Far_LoA	-5,94904071	-0,009	0,319
CHR7	18945992	CHR7:18945992	SSF x Far_LoA	-8,91057482	-0,066	0,318

CHR7	18946001	CHR7:18946001	SSF x Far_LoA	-10,9664217	0,034	0,317
CHR7	18946064	CHR7:18946064	SSF x Far_LoA	-9,3959096	-0,127	0,313
CHR7	18946068	CHR7:18946068	SSF x Far_LoA	-10,0815591	-0,022	0,310
CHR7	18946847	CHR7:18946847	SSF x Far_LoA	-8,95698465	-0,003	0,308
CHR7	18946854	CHR7:18946854	SSF x Far_LoA	-6,15803451	0,022	0,323
CHR7	18947399	CHR7:18947399	SSF x Far_LoA	-8,22485623	0,018	0,304
CHR7	18953886	CHR7:18953886	SSF x Far_LoA	-9,68658577	-0,025	0,307
CHR7	18954121	CHR7:18954121	SSF x Far_LoA	-9,4527887	0,059	0,304
CHR7	18954140	CHR7:18954140	SSF x Far_LoA	-11,4281751	-0,126	0,310
CHR7	18959240	CHR7:18959240	SSF x Far_LoA	-7,36004567	0,086	0,297
CHR7	18959285	CHR7:18959285	SSF x Far_LoA	-11,9088833	0,022	0,301
CHR7	18959302	CHR7:18959302	SSF x Far_LoA	-8,67760388	-0,084	0,303
CHR7	18959306	CHR7:18959306	SSF x Far_LoA	-3,36452675	-0,202	0,306
CHR7	1896289	CHR7:1896289	SSF x Far_LoA	-7,57674826	-0,099	0,311
CHR7	18974849	CHR7:18974849	SSF x Far_LoA	-8,02401125	0,056	0,296
CHR7	18983511	CHR7:18983511	SSF x Far_LoA	-7,98805349	0,077	0,305
CHR7	18983707	CHR7:18983707	SSF x Far_LoA	-9,41712352	0,005	0,300
CHR7	18983720	CHR7:18983720	SSF x Far_LoA	-10,1048502	-0,047	0,300
CHR7	18987841	CHR7:18987841	SSF x Far_LoA	-10,1741958	0,042	0,302
CHR7	18987979	CHR7:18987979	SSF x Far_LoA	-11,3588216	-0,084	0,305
CHR7	18988013	CHR7:18988013	SSF x Far_LoA	-9,79183195	-0,022	0,318
CHR7	18988014	CHR7:18988014	SSF x Far_LoA	-8,29055983	-0,043	0,328
CHR7	18992609	CHR7:18992609	SSF x Far_LoA	-10,3582631	0,014	0,294
CHR7	18999049	CHR7:18999049	SSF x Far_LoA	-9,99219157	0,059	0,311
CHR7	18999053	CHR7:18999053	SSF x Far_LoA	-10,439955	-0,066	0,316
CHR7	18999062	CHR7:18999062	SSF x Far_LoA	-9,32881199	-0,042	0,299
CHR7	19009913	CHR7:19009913	SSF x Far_LoA	-12,0747417	0,072	0,310
CHR7	19011987	CHR7:19011987	SSF x Far_LoA	-11,6720515	-0,024	0,306
CHR7	19012047	CHR7:19012047	SSF x Far_LoA	-8,710409	-0,056	0,304
CHR7	19012085	CHR7:19012085	SSF x Far_LoA	-8,70387036	0,127	0,322
CHR7	19018135	CHR7:19018135	SSF x Far_LoA	-11,4711957	-0,007	0,297
CHR7	19018144	CHR7:19018144	SSF x Far_LoA	-11,129489	-0,022	0,317
CHR7	19026897	CHR7:19026897	SSF x Far_LoA	-11,3421517	0,056	0,299
CHR7	19032685	CHR7:19032685	SSF x Far_LoA	-8,30543337	0,062	0,309
CHR7	19032687	CHR7:19032687	SSF x Far_LoA	-11,8965381	0,032	0,314
CHR7	19032690	CHR7:19032690	SSF x Far_LoA	-11,3104503	0,043	0,311
CHR7	19032691	CHR7:19032691	SSF x Far_LoA	-11,6059708	0,070	0,305
CHR7	19032707	CHR7:19032707	SSF x Far_LoA	-4,88801151	0,089	0,300
CHR7	19032715	CHR7:19032715	SSF x Far_LoA	-9,30441259	0,008	0,308
CHR7	19032720	CHR7:19032720	SSF x Far_LoA	-8,66419249	0,018	0,297
CHR7	19032750	CHR7:19032750	SSF x Far_LoA	-9,72808895	0,067	0,310
CHR7	19032790	CHR7:19032790	SSF x Far_LoA	-8,91813344	0,008	0,296
CHR7	19037000	CHR7:19037000	SSF x Far_LoA	-6,79088351	-0,155	0,303
CHR7	19037028	CHR7:19037028	SSF x Far_LoA	-9,26437073	0,124	0,301
CHR7	19037044	CHR7:19037044	SSF x Far_LoA	-6,72286752	-0,175	0,298
CHR7	19037094	CHR7:19037094	SSF x Far_LoA	-7,19920232	0,134	0,288
CHR7	19050954	CHR7:19050954	SSF x Far_LoA	-8,40397843	-0,136	0,303
CHR7	19050963	CHR7:19050963	SSF x Far_LoA	-6,58302968	-0,137	0,299
CHR7	19050997	CHR7:19050997	SSF x Far_LoA	-8,9026115	-0,101	0,313
CHR7	19051184	CHR7:19051184	SSF x Far_LoA	-12,4521933	0,051	0,304
CHR7	19056434	CHR7:19056434	SSF x Far_LoA	-10,4001163	0,046	0,315
CHR7	19056462	CHR7:19056462	SSF x Far_LoA	-8,45404483	0,057	0,309
CHR7	19056466	CHR7:19056466	SSF x Far_LoA	-10,4140952	0,051	0,308

CHR7	19056502	CHR7:19056502	SSF x Far_LoA	-7,21924879	0,048	0,315
CHR7	19056722	CHR7:19056722	SSF x Far_LoA	-8,93142867	-0,021	0,308
CHR7	19065306	CHR7:19065306	SSF x Far_LoA	-8,47300808	0,003	0,302
CHR7	19065315	CHR7:19065315	SSF x Far_LoA	-7,20349129	-0,002	0,307
CHR7	19065333	CHR7:19065333	SSF x Far_LoA	-9,87556575	0,043	0,313
CHR7	19065371	CHR7:19065371	SSF x Far_LoA	-9,40084737	0,059	0,314
CHR7	19072612	CHR7:19072612	SSF x Far_LoA	-10,3365304	-0,004	0,315
CHR7	19072641	CHR7:19072641	SSF x Far_LoA	-10,2263348	-0,060	0,306
CHR7	19073446	CHR7:19073446	SSF x Far_LoA	-9,40634445	-0,015	0,308
CHR7	19073453	CHR7:19073453	SSF x Far_LoA	-10,1056492	-0,013	0,311
CHR7	19077915	CHR7:19077915	SSF x Far_LoA	-7,91640492	-0,012	0,315
CHR7	190950	CHR7:190950	SSF x Far_LoA	-7,64599774	-0,024	0,292
CHR7	19100382	CHR7:19100382	SSF x Far_LoA	-11,3374563	0,009	0,301
CHR7	19100417	CHR7:19100417	SSF x Far_LoA	-7,54863199	0,025	0,310
CHR7	19100432	CHR7:19100432	SSF x Far_LoA	-11,0941058	0,069	0,307
CHR7	19100446	CHR7:19100446	SSF x Far_LoA	-9,2532663	-0,043	0,304
CHR7	191049	CHR7:191049	SSF x Far_LoA	-8,75110513	0,064	0,315
CHR7	191092	CHR7:191092	SSF x Far_LoA	-11,4240876	-0,050	0,318
CHR7	19124359	CHR7:19124359	SSF x Far_LoA	-6,568154	0,029	0,318
CHR7	19125657	CHR7:19125657	SSF x Far_LoA	-10,1714456	0,116	0,309
CHR7	19125726	CHR7:19125726	SSF x Far_LoA	-7,55820804	-0,119	0,310
CHR7	19125791	CHR7:19125791	SSF x Far_LoA	-11,8204725	0,026	0,304
CHR7	19136052	CHR7:19136052	SSF x Far_LoA	-7,41198723	0,144	0,307
CHR7	19136119	CHR7:19136119	SSF x Far_LoA	-8,25953577	0,039	0,303
CHR7	19136127	CHR7:19136127	SSF x Far_LoA	-8,09065335	0,181	0,290
CHR7	19136428	CHR7:19136428	SSF x Far_LoA	-9,95864263	0,016	0,307
CHR7	19136440	CHR7:19136440	SSF x Far_LoA	-12,5642995	-0,023	0,299
CHR7	19136458	CHR7:19136458	SSF x Far_LoA	-8,87765866	-0,169	0,280
CHR7	19136474	CHR7:19136474	SSF x Far_LoA	-10,9485992	-0,030	0,315
CHR7	19136475	CHR7:19136475	SSF x Far_LoA	-11,8234888	0,004	0,300
CHR7	19136524	CHR7:19136524	SSF x Far_LoA	-11,4412549	-0,083	0,302
CHR7	19136529	CHR7:19136529	SSF x Far_LoA	-7,24513213	0,096	0,308
CHR7	19146664	CHR7:19146664	SSF x Far_LoA	-7,56520432	0,040	0,315
CHR7	19146819	CHR7:19146819	SSF x Far_LoA	-8,20072089	-0,066	0,311
CHR7	19146854	CHR7:19146854	SSF x Far_LoA	-10,4807075	0,062	0,302
CHR7	19146913	CHR7:19146913	SSF x Far_LoA	-10,4004943	0,017	0,305
CHR7	19148073	CHR7:19148073	SSF x Far_LoA	-10,2843003	-0,038	0,311
CHR7	19148091	CHR7:19148091	SSF x Far_LoA	-9,61885806	0,029	0,309
CHR7	19150525	CHR7:19150525	SSF x Far_LoA	-11,7463864	0,037	0,300
CHR7	19150599	CHR7:19150599	SSF x Far_LoA	-9,65279732	-0,054	0,301
CHR7	19150685	CHR7:19150685	SSF x Far_LoA	-8,83414781	-0,047	0,318
CHR7	19150777	CHR7:19150777	SSF x Far_LoA	-10,0723236	0,053	0,301
CHR7	19153632	CHR7:19153632	SSF x Far_LoA	-7,42265294	0,019	0,286
CHR7	19154649	CHR7:19154649	SSF x Far_LoA	-9,37828877	0,125	0,298
CHR7	19154677	CHR7:19154677	SSF x Far_LoA	-10,9713972	0,017	0,307
CHR7	19155128	CHR7:19155128	SSF x Far_LoA	-6,84292405	-0,059	0,323
CHR7	19155130	CHR7:19155130	SSF x Far_LoA	-8,73082391	-0,060	0,315
CHR7	19155195	CHR7:19155195	SSF x Far_LoA	-8,20884018	0,041	0,307
CHR7	1915636	CHR7:1915636	SSF x Far_LoA	-9,84580595	-0,071	0,308
CHR7	1916391	CHR7:1916391	SSF x Far_LoA	-11,1761178	-0,060	0,284
CHR7	1916400	CHR7:1916400	SSF x Far_LoA	-8,69259644	0,124	0,287
CHR7	19183348	CHR7:19183348	SSF x Far_LoA	-9,57007082	-0,082	0,301
CHR7	19183487	CHR7:19183487	SSF x Far_LoA	-10,4005166	-0,039	0,300

CHR7	19183557	CHR7:19183557	SSF x Far_LoA	3,29459681	0,004	0,319
CHR7	19184984	CHR7:19184984	SSF x Far_LoA	-7,73386037	-0,136	0,300
CHR7	19185053	CHR7:19185053	SSF x Far_LoA	-9,74346069	0,099	0,306
CHR7	19185078	CHR7:19185078	SSF x Far_LoA	-12,1832536	-0,073	0,289
CHR7	19185093	CHR7:19185093	SSF x Far_LoA	-10,6200518	0,074	0,294
CHR7	19191327	CHR7:19191327	SSF x Far_LoA	-7,55233056	0,004	0,301
CHR7	19200741	CHR7:19200741	SSF x Far_LoA	-11,373536	-0,040	0,311
CHR7	19200798	CHR7:19200798	SSF x Far_LoA	-11,555281	-0,074	0,292
CHR7	19211543	CHR7:19211543	SSF x Far_LoA	-2,70508682	0,241	0,286
CHR7	19211797	CHR7:19211797	SSF x Far_LoA	-11,1346259	-0,017	0,301
CHR7	19229990	CHR7:19229990	SSF x Far_LoA	-11,2392682	-0,025	0,300
CHR7	19231239	CHR7:19231239	SSF x Far_LoA	-8,89675612	-0,031	0,313
CHR7	19231607	CHR7:19231607	SSF x Far_LoA	-8,36513949	-0,011	0,303
CHR7	19231702	CHR7:19231702	SSF x Far_LoA	-10,838681	0,110	0,293
CHR7	19231704	CHR7:19231704	SSF x Far_LoA	-7,95875461	0,082	0,293
CHR7	19242699	CHR7:19242699	SSF x Far_LoA	-10,64166	0,009	0,305
CHR7	19254474	CHR7:19254474	SSF x Far_LoA	-11,0837767	0,057	0,312
CHR7	19255507	CHR7:19255507	SSF x Far_LoA	-9,87352346	0,103	0,305
CHR7	19255548	CHR7:19255548	SSF x Far_LoA	-7,58533295	0,059	0,313
CHR7	19255560	CHR7:19255560	SSF x Far_LoA	-5,89966641	0,083	0,294
CHR7	19258563	CHR7:19258563	SSF x Far_LoA	-10,1361615	0,116	0,299
CHR7	19258664	CHR7:19258664	SSF x Far_LoA	-4,14708795	-0,015	0,299
CHR7	19260862	CHR7:19260862	SSF x Far_LoA	-10,2504359	-0,078	0,307
CHR7	19260866	CHR7:19260866	SSF x Far_LoA	-6,78655325	0,138	0,289
CHR7	19266714	CHR7:19266714	SSF x Far_LoA	-8,06874689	0,140	0,304
CHR7	19266757	CHR7:19266757	SSF x Far_LoA	-5,62397399	-0,214	0,293
CHR7	19286715	CHR7:19286715	SSF x Far_LoA	-7,02024148	-0,158	0,314
CHR7	19286745	CHR7:19286745	SSF x Far_LoA	-5,66786843	-0,149	0,298
CHR7	19291096	CHR7:19291096	SSF x Far_LoA	-8,65554805	-0,087	0,306
CHR7	19291108	CHR7:19291108	SSF x Far_LoA	-8,80882556	0,073	0,301
CHR7	19291251	CHR7:19291251	SSF x Far_LoA	-7,80621447	0,161	0,303
CHR7	19291435	CHR7:19291435	SSF x Far_LoA	-10,8626576	-0,084	0,305
CHR7	1930035	CHR7:1930035	SSF x Far_LoA	-7,38100399	-0,161	0,304
CHR7	1930090	CHR7:1930090	SSF x Far_LoA	-9,8837561	0,015	0,297
CHR7	1930788	CHR7:1930788	SSF x Far_LoA	-5,87195744	0,076	0,313
CHR7	19327757	CHR7:19327757	SSF x Far_LoA	-8,69675103	-0,116	0,300
CHR7	19344717	CHR7:19344717	SSF x Far_LoA	-4,62053945	0,139	0,305
CHR7	19344797	CHR7:19344797	SSF x Far_LoA	-10,2676375	0,007	0,314
CHR7	19344925	CHR7:19344925	SSF x Far_LoA	-8,14258631	0,136	0,293
CHR7	19344949	CHR7:19344949	SSF x Far_LoA	-5,02754471	-0,153	0,299
CHR7	19357485	CHR7:19357485	SSF x Far_LoA	-10,6344375	-0,089	0,305
CHR7	19365713	CHR7:19365713	SSF x Far_LoA	-8,81185538	-0,061	0,310
CHR7	19370674	CHR7:19370674	SSF x Far_LoA	-9,14561394	-0,083	0,303
CHR7	19371750	CHR7:19371750	SSF x Far_LoA	-9,53088216	-0,110	0,308
CHR7	19377391	CHR7:19377391	SSF x Far_LoA	-6,32022995	-0,057	0,310
CHR7	19377421	CHR7:19377421	SSF x Far_LoA	-7,9537389	0,116	0,293
CHR7	19381815	CHR7:19381815	SSF x Far_LoA	-8,73378981	-0,129	0,306
CHR7	19385175	CHR7:19385175	SSF x Far_LoA	-10,8988181	-0,066	0,314
CHR7	19385272	CHR7:19385272	SSF x Far_LoA	-10,9754406	-0,054	0,310
CHR7	19385286	CHR7:19385286	SSF x Far_LoA	-6,41493473	0,119	0,300
CHR7	19389992	CHR7:19389992	SSF x Far_LoA	-8,49553431	0,101	0,300
CHR7	19390188	CHR7:19390188	SSF x Far_LoA	-9,30215757	0,152	0,301
CHR7	19390216	CHR7:19390216	SSF x Far_LoA	-12,1257402	-0,003	0,307

CHR7	19390257	CHR7:19390257	SSF x Far_LoA	-8,05399504	-0,071	0,312
CHR7	19391376	CHR7:19391376	SSF x Far_LoA	-11,0461592	0,099	0,318
CHR7	19391412	CHR7:19391412	SSF x Far_LoA	-10,957391	0,099	0,299
CHR7	19391429	CHR7:19391429	SSF x Far_LoA	-11,955653	-0,024	0,302
CHR7	19392958	CHR7:19392958	SSF x Far_LoA	-8,79884363	0,081	0,308
CHR7	19393032	CHR7:19393032	SSF x Far_LoA	-8,47543951	-0,004	0,313
CHR7	19393080	CHR7:19393080	SSF x Far_LoA	-10,3252048	-0,027	0,292
CHR7	19400119	CHR7:19400119	SSF x Far_LoA	-11,41038	0,001	0,304
CHR7	19400157	CHR7:19400157	SSF x Far_LoA	-10,5996516	0,096	0,314
CHR7	19400166	CHR7:19400166	SSF x Far_LoA	-11,1677413	0,028	0,311
CHR7	19400242	CHR7:19400242	SSF x Far_LoA	-10,5033833	0,029	0,311
CHR7	19400297	CHR7:19400297	SSF x Far_LoA	-10,64512	-0,003	0,314
CHR7	19414877	CHR7:19414877	SSF x Far_LoA	-7,17655624	0,064	0,302
CHR7	19422736	CHR7:19422736	SSF x Far_LoA	-8,9994504	-0,036	0,305
CHR7	19422749	CHR7:19422749	SSF x Far_LoA	-9,66577833	-0,017	0,313
CHR7	19422803	CHR7:19422803	SSF x Far_LoA	-7,27212139	-0,019	0,328
CHR7	19422815	CHR7:19422815	SSF x Far_LoA	-9,3200361	-0,070	0,294
CHR7	19422821	CHR7:19422821	SSF x Far_LoA	-7,93122963	-0,078	0,320
CHR7	19422832	CHR7:19422832	SSF x Far_LoA	-8,88620002	-0,063	0,313
CHR7	19422850	CHR7:19422850	SSF x Far_LoA	-8,15603839	-0,027	0,311
CHR7	19425312	CHR7:19425312	SSF x Far_LoA	-10,9283406	0,023	0,308
CHR7	19426472	CHR7:19426472	SSF x Far_LoA	-8,00824919	0,043	0,317
CHR7	19426630	CHR7:19426630	SSF x Far_LoA	4,15069057	-0,169	0,297
CHR7	19428373	CHR7:19428373	SSF x Far_LoA	-9,030855	0,106	0,313
CHR7	19430763	CHR7:19430763	SSF x Far_LoA	-5,97270517	-0,140	0,306
CHR7	19430782	CHR7:19430782	SSF x Far_LoA	-10,995013	-0,035	0,309
CHR7	19430855	CHR7:19430855	SSF x Far_LoA	-11,651479	-0,085	0,307
CHR7	19430873	CHR7:19430873	SSF x Far_LoA	-11,3917496	-0,127	0,305
CHR7	19430918	CHR7:19430918	SSF x Far_LoA	-11,0566135	-0,095	0,312
CHR7	19435176	CHR7:19435176	SSF x Far_LoA	-8,09913629	-0,090	0,310
CHR7	19435703	CHR7:19435703	SSF x Far_LoA	-5,68196977	0,175	0,298
CHR7	19437434	CHR7:19437434	SSF x Far_LoA	-10,7280008	0,073	0,290
CHR7	19437608	CHR7:19437608	SSF x Far_LoA	-10,0610652	0,052	0,295
CHR7	19438805	CHR7:19438805	SSF x Far_LoA	-5,11690827	-0,086	0,316
CHR7	19438829	CHR7:19438829	SSF x Far_LoA	-7,1754953	-0,088	0,302
CHR7	19438862	CHR7:19438862	SSF x Far_LoA	-8,63883324	-0,120	0,286
CHR7	19438863	CHR7:19438863	SSF x Far_LoA	-8,81266976	-0,112	0,290
CHR7	19438891	CHR7:19438891	SSF x Far_LoA	-6,93533025	-0,159	0,303
CHR7	19438928	CHR7:19438928	SSF x Far_LoA	-11,2136398	-0,119	0,305
CHR7	19448885	CHR7:19448885	SSF x Far_LoA	-6,28590159	-0,011	0,321
CHR7	19449194	CHR7:19449194	SSF x Far_LoA	-7,69156482	-0,103	0,298
CHR7	19453857	CHR7:19453857	SSF x Far_LoA	-8,72467644	-0,165	0,297
CHR7	19453869	CHR7:19453869	SSF x Far_LoA	-9,22219484	0,065	0,318
CHR7	19459448	CHR7:19459448	SSF x Far_LoA	-8,89523107	0,070	0,310
CHR7	19459456	CHR7:19459456	SSF x Far_LoA	-10,0063275	0,015	0,313
CHR7	19461514	CHR7:19461514	SSF x Far_LoA	-9,11116596	-0,021	0,310
CHR7	19461571	CHR7:19461571	SSF x Far_LoA	-7,94880239	-0,002	0,303
CHR7	19464242	CHR7:19464242	SSF x Far_LoA	-8,19757157	0,153	0,293
CHR7	19464357	CHR7:19464357	SSF x Far_LoA	-8,46626533	-0,120	0,288
CHR7	19467078	CHR7:19467078	SSF x Far_LoA	-10,5938098	-0,009	0,321
CHR7	19467097	CHR7:19467097	SSF x Far_LoA	-9,22365659	0,156	0,289
CHR7	19467175	CHR7:19467175	SSF x Far_LoA	-11,2888746	0,159	0,297
CHR7	19467188	CHR7:19467188	SSF x Far_LoA	-5,26192744	-0,088	0,311

CHR7	19474488	CHR7:19474488	SSF x Far_LoA	-9,65283654	-0,068	0,297
CHR7	19482494	CHR7:19482494	SSF x Far_LoA	-10,0985594	0,009	0,321
CHR7	19483588	CHR7:19483588	SSF x Far_LoA	-10,1355078	0,015	0,309
CHR7	19483662	CHR7:19483662	SSF x Far_LoA	-9,6462357	-0,002	0,304
CHR7	19496090	CHR7:19496090	SSF x Far_LoA	-11,6009423	-0,041	0,312
CHR7	19496162	CHR7:19496162	SSF x Far_LoA	-7,94957419	-0,031	0,297
CHR7	2E+07	CHR7:19500297	SSF x Far_LoA	-10,6670488	-0,080	0,299
CHR7	2E+07	CHR7:19500316	SSF x Far_LoA	-10,6614957	-0,094	0,301
CHR7	2E+07	CHR7:19519061	SSF x Far_LoA	-9,7315256	0,104	0,305
CHR7	2E+07	CHR7:19531900	SSF x Far_LoA	-8,94663955	-0,146	0,302
CHR7	2E+07	CHR7:19532013	SSF x Far_LoA	-12,1586191	-0,047	0,297
CHR7	2E+07	CHR7:19532087	SSF x Far_LoA	-10,5872441	0,006	0,319
CHR7	2E+07	CHR7:19542663	SSF x Far_LoA	-8,35595379	-0,039	0,313
CHR7	2E+07	CHR7:19542668	SSF x Far_LoA	-9,03109895	-0,001	0,317
CHR7	2E+07	CHR7:19542715	SSF x Far_LoA	12,4391156	0,086	0,309
CHR7	2E+07	CHR7:19542726	SSF x Far_LoA	-5,96819354	0,087	0,305
CHR7	2E+07	CHR7:19545758	SSF x Far_LoA	-6,68640815	-0,152	0,319
CHR7	2E+07	CHR7:19545805	SSF x Far_LoA	-11,3587187	-0,074	0,302
CHR7	2E+07	CHR7:19545850	SSF x Far_LoA	-8,40376793	0,062	0,311
CHR7	2E+07	CHR7:19545903	SSF x Far_LoA	-10,3431571	-0,101	0,300
CHR7	2E+07	CHR7:19545940	SSF x Far_LoA	-6,96364263	0,116	0,306
CHR7	2E+07	CHR7:19547070	SSF x Far_LoA	-10,2122621	-0,066	0,308
CHR7	2E+07	CHR7:19547075	SSF x Far_LoA	-5,42607563	-0,077	0,296
CHR7	2E+07	CHR7:19547132	SSF x Far_LoA	-8,20259142	0,058	0,307
CHR7	2E+07	CHR7:19556848	SSF x Far_LoA	-9,86955307	-0,022	0,303
CHR7	2E+07	CHR7:19556869	SSF x Far_LoA	-8,28058272	-0,035	0,313
CHR7	2E+07	CHR7:19556881	SSF x Far_LoA	-9,49350013	-0,054	0,312
CHR7	2E+07	CHR7:19557585	SSF x Far_LoA	-5,2588906	0,035	0,297
CHR7	2E+07	CHR7:19560686	SSF x Far_LoA	-11,0914557	0,049	0,308
CHR7	2E+07	CHR7:19560766	SSF x Far_LoA	-10,4692536	-0,048	0,318
CHR7	2E+07	CHR7:19562012	SSF x Far_LoA	-7,73527915	0,055	0,305
CHR7	2E+07	CHR7:19573790	SSF x Far_LoA	-10,7793289	-0,136	0,282
CHR7	2E+07	CHR7:19574031	SSF x Far_LoA	-8,95133779	-0,027	0,310
CHR7	2E+07	CHR7:19583673	SSF x Far_LoA	-10,3171051	-0,037	0,319
CHR7	2E+07	CHR7:19583699	SSF x Far_LoA	-8,30236861	0,042	0,323
CHR7	2E+07	CHR7:19588978	SSF x Far_LoA	-9,53333844	-0,084	0,313
CHR7	2E+07	CHR7:19589055	SSF x Far_LoA	-7,70146049	0,057	0,302
CHR7	2E+07	CHR7:19589056	SSF x Far_LoA	-10,9786094	-0,050	0,299
CHR7	2E+07	CHR7:19589057	SSF x Far_LoA	-12,111983	-0,017	0,296
CHR7	2E+07	CHR7:19590564	SSF x Far_LoA	-6,38572762	0,114	0,287
CHR7	2E+07	CHR7:19590573	SSF x Far_LoA	-11,7806235	0,037	0,301
CHR7	2E+07	CHR7:19596559	SSF x Far_LoA	-9,1950733	0,079	0,287
CHR7	2E+07	CHR7:19596571	SSF x Far_LoA	-10,0495892	-0,090	0,302
CHR7	2E+07	CHR7:19596578	SSF x Far_LoA	-10,0532333	0,026	0,310
CHR7	2E+07	CHR7:19596591	SSF x Far_LoA	-7,28878192	-0,094	0,310
CHR7	2E+07	CHR7:19596599	SSF x Far_LoA	-9,28006146	0,014	0,307
CHR7	2E+07	CHR7:19596604	SSF x Far_LoA	-11,2838447	0,057	0,307
CHR7	2E+07	CHR7:19596633	SSF x Far_LoA	-9,39094488	-0,025	0,312
CHR7	2E+07	CHR7:19596634	SSF x Far_LoA	-8,51057087	0,101	0,303
CHR7	2E+07	CHR7:19596808	SSF x Far_LoA	-7,36057076	0,090	0,305
CHR7	2E+07	CHR7:19601445	SSF x Far_LoA	-8,92610186	0,014	0,312
CHR7	2E+07	CHR7:19626044	SSF x Far_LoA	-11,801156	0,033	0,293
CHR7	2E+07	CHR7:19626194	SSF x Far_LoA	-10,4202187	-0,016	0,306

CHR7	2E+07	CHR7:19628408	SSF x Far_LoA	-10,4574456	0,022	0,311
CHR7	2E+07	CHR7:19628412	SSF x Far_LoA	-9,62224387	-0,009	0,301
CHR7	2E+07	CHR7:19628440	SSF x Far_LoA	-9,59788869	0,034	0,317
CHR7	2E+07	CHR7:19628449	SSF x Far_LoA	-8,38357602	0,120	0,302
CHR7	2E+07	CHR7:19629421	SSF x Far_LoA	-2,9508368	0,141	0,305
CHR7	2E+07	CHR7:19629425	SSF x Far_LoA	-7,64594314	-0,132	0,306
CHR7	2E+07	CHR7:19630556	SSF x Far_LoA	-7,22531972	-0,103	0,304
CHR7	2E+07	CHR7:19630650	SSF x Far_LoA	-8,29604578	0,044	0,302
CHR7	2E+07	CHR7:19636079	SSF x Far_LoA	-8,38539195	-0,079	0,309
CHR7	2E+07	CHR7:19636168	SSF x Far_LoA	-10,2557241	0,001	0,320
CHR7	2E+07	CHR7:19638403	SSF x Far_LoA	-9,12766473	0,013	0,304
CHR7	2E+07	CHR7:19643243	SSF x Far_LoA	-10,0589736	-0,059	0,312
CHR7	2E+07	CHR7:19643360	SSF x Far_LoA	-11,2957169	-0,023	0,303
CHR7	2E+07	CHR7:19648944	SSF x Far_LoA	-8,72737452	-0,091	0,312
CHR7	2E+07	CHR7:19648968	SSF x Far_LoA	-3,01703103	0,036	0,305
CHR7	2E+07	CHR7:19649012	SSF x Far_LoA	-10,3734242	-0,036	0,310
CHR7	2E+07	CHR7:19649079	SSF x Far_LoA	-9,1729644	-0,046	0,306
CHR7	2E+07	CHR7:19649092	SSF x Far_LoA	-8,73312627	-0,057	0,315
CHR7	1966150	CHR7:1966150	SSF x Far_LoA	-9,03381149	0,114	0,298
CHR7	1966304	CHR7:1966304	SSF x Far_LoA	-2,95844444	-0,103	0,314
CHR7	1966552	CHR7:1966552	SSF x Far_LoA	-8,84592667	-0,019	0,305
CHR7	2E+07	CHR7:19682659	SSF x Far_LoA	-8,67407012	0,097	0,303
CHR7	2E+07	CHR7:19682662	SSF x Far_LoA	-8,26468519	-0,044	0,321
CHR7	2E+07	CHR7:19682669	SSF x Far_LoA	-7,54942437	-0,105	0,304
CHR7	2E+07	CHR7:19682678	SSF x Far_LoA	-3,29635045	0,173	0,307
CHR7	2E+07	CHR7:19684980	SSF x Far_LoA	-10,5765037	0,114	0,299
CHR7	2E+07	CHR7:19685022	SSF x Far_LoA	-9,51139659	-0,056	0,314
CHR7	2E+07	CHR7:19685036	SSF x Far_LoA	-11,4071538	-0,078	0,303
CHR7	2E+07	CHR7:19685061	SSF x Far_LoA	-5,17052508	-0,112	0,306
CHR7	2E+07	CHR7:19685940	SSF x Far_LoA	-10,1213674	-0,108	0,291
CHR7	2E+07	CHR7:19685992	SSF x Far_LoA	-3,44957495	-0,007	0,315
CHR7	2E+07	CHR7:19689004	SSF x Far_LoA	-4,58448844	-0,061	0,324
CHR7	2E+07	CHR7:19689086	SSF x Far_LoA	-8,75547214	-0,044	0,305
CHR7	2E+07	CHR7:19689099	SSF x Far_LoA	-10,1056156	-0,038	0,305
CHR7	2E+07	CHR7:19689117	SSF x Far_LoA	-8,41994624	0,091	0,312
CHR7	2E+07	CHR7:19689153	SSF x Far_LoA	-9,4934405	0,109	0,304
CHR7	1969494	CHR7:1969494	SSF x Far_LoA	-10,8453488	-0,010	0,308
CHR7	2E+07	CHR7:19701508	SSF x Far_LoA	-10,3476865	-0,005	0,292
CHR7	2E+07	CHR7:19713555	SSF x Far_LoA	2,36113929	-0,160	0,301
CHR7	2E+07	CHR7:19713710	SSF x Far_LoA	-5,49151296	-0,049	0,305
CHR7	2E+07	CHR7:19717840	SSF x Far_LoA	-9,40413472	-0,019	0,300
CHR7	2E+07	CHR7:19717850	SSF x Far_LoA	-8,56055072	0,105	0,306
CHR7	2E+07	CHR7:19717952	SSF x Far_LoA	-9,57987505	0,019	0,304
CHR7	2E+07	CHR7:19718005	SSF x Far_LoA	-11,6788869	0,013	0,310
CHR7	2E+07	CHR7:19723696	SSF x Far_LoA	-9,08566607	-0,071	0,306
CHR7	2E+07	CHR7:19723725	SSF x Far_LoA	-9,83062811	-0,093	0,303
CHR7	2E+07	CHR7:19723730	SSF x Far_LoA	-3,35179604	0,098	0,308
CHR7	2E+07	CHR7:19723743	SSF x Far_LoA	-9,55306078	-0,064	0,308
CHR7	2E+07	CHR7:19723750	SSF x Far_LoA	-10,5569548	-0,046	0,316
CHR7	2E+07	CHR7:19730535	SSF x Far_LoA	-9,63474739	0,073	0,293
CHR7	2E+07	CHR7:19730627	SSF x Far_LoA	-6,76626386	0,188	0,293
CHR7	2E+07	CHR7:19730888	SSF x Far_LoA	-8,13185796	-0,132	0,315
CHR7	2E+07	CHR7:19743292	SSF x Far_LoA	-9,00046954	0,024	0,307

CHR7	2E+07	CHR7:19743331	SSF x Far_LoA	-12,2115182	-0,036	0,300
CHR7	2E+07	CHR7:19743387	SSF x Far_LoA	-9,90950451	-0,111	0,306
CHR7	1974624	CHR7:1974624	SSF x Far_LoA	-9,18729763	-0,052	0,320
CHR7	1974835	CHR7:1974835	SSF x Far_LoA	-8,88438683	0,080	0,311
CHR7	1974847	CHR7:1974847	SSF x Far_LoA	-9,79460424	0,066	0,302
CHR7	2E+07	CHR7:19756715	SSF x Far_LoA	-8,46790028	-0,150	0,304
CHR7	2E+07	CHR7:19772223	SSF x Far_LoA	-10,160606	-0,145	0,306
CHR7	2E+07	CHR7:19772226	SSF x Far_LoA	-3,10666842	0,255	0,283
CHR7	2E+07	CHR7:19772287	SSF x Far_LoA	-10,0390356	0,103	0,300
CHR7	2E+07	CHR7:19772292	SSF x Far_LoA	-9,19162723	0,074	0,310
CHR7	2E+07	CHR7:19772297	SSF x Far_LoA	-8,75949706	0,147	0,296
CHR7	2E+07	CHR7:19787328	SSF x Far_LoA	-11,0738825	-0,115	0,306
CHR7	2E+07	CHR7:19787916	SSF x Far_LoA	-10,2500548	0,018	0,311
CHR7	2E+07	CHR7:19804439	SSF x Far_LoA	-8,20901226	0,035	0,307
CHR7	2E+07	CHR7:19804496	SSF x Far_LoA	-10,8156514	0,068	0,302
CHR7	2E+07	CHR7:19804785	SSF x Far_LoA	-8,99808119	-0,119	0,299
CHR7	1981719	CHR7:1981719	SSF x Far_LoA	-10,5649135	-0,001	0,312
CHR7	1981777	CHR7:1981777	SSF x Far_LoA	-10,7747154	0,052	0,307
CHR7	1981780	CHR7:1981780	SSF x Far_LoA	-10,8416276	0,056	0,308
CHR7	1981786	CHR7:1981786	SSF x Far_LoA	-9,76131897	0,003	0,317
CHR7	1981817	CHR7:1981817	SSF x Far_LoA	-9,61399694	0,044	0,304
CHR7	1981831	CHR7:1981831	SSF x Far_LoA	-11,5956269	0,086	0,306
CHR7	1982067	CHR7:1982067	SSF x Far_LoA	-8,11363433	-0,052	0,312
CHR7	2E+07	CHR7:19821401	SSF x Far_LoA	-12,3037474	-0,019	0,294
CHR7	2E+07	CHR7:19821584	SSF x Far_LoA	-6,56933303	-0,014	0,282
CHR7	2E+07	CHR7:19821610	SSF x Far_LoA	-8,99896851	0,011	0,325
CHR7	2E+07	CHR7:19821613	SSF x Far_LoA	-6,28221722	0,027	0,331
CHR7	2E+07	CHR7:19821660	SSF x Far_LoA	-9,72418318	-0,002	0,303
CHR7	2E+07	CHR7:19821676	SSF x Far_LoA	-8,59448111	0,044	0,318
CHR7	2E+07	CHR7:19823348	SSF x Far_LoA	-9,997239	-0,122	0,290
CHR7	2E+07	CHR7:19837312	SSF x Far_LoA	0,99068905	0,065	0,301
CHR7	2E+07	CHR7:19837480	SSF x Far_LoA	-9,47502941	0,044	0,304
CHR7	2E+07	CHR7:19840124	SSF x Far_LoA	-10,8604462	0,159	0,285
CHR7	2E+07	CHR7:19840189	SSF x Far_LoA	-7,45014892	0,017	0,295
CHR7	2E+07	CHR7:19844663	SSF x Far_LoA	-11,0804375	0,042	0,312
CHR7	2E+07	CHR7:19844717	SSF x Far_LoA	-9,49232269	0,083	0,303
CHR7	2E+07	CHR7:19847510	SSF x Far_LoA	-7,09880515	0,091	0,319
CHR7	2E+07	CHR7:19847690	SSF x Far_LoA	-8,22438313	0,127	0,298
CHR7	2E+07	CHR7:19858795	SSF x Far_LoA	-11,431569	0,112	0,298
CHR7	2E+07	CHR7:19858932	SSF x Far_LoA	-6,15002893	0,133	0,292
CHR7	2E+07	CHR7:19859028	SSF x Far_LoA	-8,53490689	-0,021	0,306
CHR7	2E+07	CHR7:19864328	SSF x Far_LoA	-9,76114202	0,086	0,307
CHR7	2E+07	CHR7:19866026	SSF x Far_LoA	-9,17491531	-0,007	0,307
CHR7	2E+07	CHR7:19892162	SSF x Far_LoA	-10,9314697	-0,063	0,306
CHR7	2E+07	CHR7:19892188	SSF x Far_LoA	3,68968771	0,208	0,276
CHR7	2E+07	CHR7:19892297	SSF x Far_LoA	-9,06381612	0,080	0,297
CHR7	2E+07	CHR7:19894735	SSF x Far_LoA	-9,82657464	0,112	0,300
CHR7	2E+07	CHR7:19894996	SSF x Far_LoA	-11,6178827	-0,027	0,305
CHR7	2E+07	CHR7:19895044	SSF x Far_LoA	-8,97273003	-0,027	0,316
CHR7	2E+07	CHR7:19906684	SSF x Far_LoA	-7,66275211	0,068	0,308
CHR7	2E+07	CHR7:19906985	SSF x Far_LoA	-9,24671497	-0,137	0,299
CHR7	2E+07	CHR7:19911035	SSF x Far_LoA	-8,30307128	-0,029	0,319
CHR7	2E+07	CHR7:19911060	SSF x Far_LoA	-6,42416041	-0,113	0,319

CHR7	2E+07	CHR7:19911097	SSF x Far_LoA	-10,9805122	-0,081	0,306
CHR7	2E+07	CHR7:19911109	SSF x Far_LoA	-8,46971366	-0,057	0,303
CHR7	2E+07	CHR7:19911453	SSF x Far_LoA	-1,85134301	0,015	0,303
CHR7	2E+07	CHR7:19913995	SSF x Far_LoA	-10,1641088	0,057	0,316
CHR7	2E+07	CHR7:19917014	SSF x Far_LoA	-9,62948518	-0,112	0,315
CHR7	2E+07	CHR7:19917220	SSF x Far_LoA	-9,66187321	0,012	0,288
CHR7	2E+07	CHR7:19924106	SSF x Far_LoA	-9,87517418	0,016	0,324
CHR7	2E+07	CHR7:19924199	SSF x Far_LoA	-9,6043228	-0,029	0,296
CHR7	2E+07	CHR7:19924233	SSF x Far_LoA	-8,42348925	0,082	0,315
CHR7	2E+07	CHR7:19924374	SSF x Far_LoA	-10,9429341	-0,097	0,303
CHR7	2E+07	CHR7:19931603	SSF x Far_LoA	-2,70092125	-0,085	0,295
CHR7	2E+07	CHR7:19931619	SSF x Far_LoA	-7,58783472	0,138	0,294
CHR7	2E+07	CHR7:19931879	SSF x Far_LoA	-8,35466987	0,018	0,315
CHR7	2E+07	CHR7:19931917	SSF x Far_LoA	-8,94085277	0,068	0,303
CHR7	2E+07	CHR7:19931925	SSF x Far_LoA	-8,95567086	0,001	0,313
CHR7	2E+07	CHR7:19950033	SSF x Far_LoA	-10,3227835	0,120	0,295
CHR7	2E+07	CHR7:19956779	SSF x Far_LoA	-9,93285805	0,044	0,297
CHR7	2E+07	CHR7:19956895	SSF x Far_LoA	-7,99855593	0,065	0,307
CHR7	2E+07	CHR7:19956916	SSF x Far_LoA	-10,6914356	-0,049	0,310
CHR7	2E+07	CHR7:19956977	SSF x Far_LoA	-7,96232384	0,102	0,318
CHR7	2E+07	CHR7:19956989	SSF x Far_LoA	-10,0801123	0,001	0,307
CHR7	2E+07	CHR7:19957002	SSF x Far_LoA	-6,33976292	-0,024	0,331
CHR7	2E+07	CHR7:19959408	SSF x Far_LoA	-9,78349712	-0,064	0,307
CHR7	2E+07	CHR7:19959413	SSF x Far_LoA	-8,63610306	-0,083	0,292
CHR7	2E+07	CHR7:19964480	SSF x Far_LoA	-8,84649243	-0,111	0,312
CHR7	2E+07	CHR7:19964508	SSF x Far_LoA	-7,60786566	-0,068	0,301
CHR7	2E+07	CHR7:19964675	SSF x Far_LoA	-7,84938354	-0,165	0,304
CHR7	2E+07	CHR7:19977991	SSF x Far_LoA	-11,1745987	0,002	0,308
CHR7	1997985	CHR7:1997985	SSF x Far_LoA	-9,73325197	0,112	0,310
CHR7	2E+07	CHR7:19988651	SSF x Far_LoA	-10,8661975	-0,026	0,320
CHR7	2E+07	CHR7:19988756	SSF x Far_LoA	-8,52277971	0,056	0,307
CHR7	2E+07	CHR7:19988818	SSF x Far_LoA	-6,75169244	0,150	0,286
CHR7	2E+07	CHR7:19988832	SSF x Far_LoA	-10,5100932	-0,054	0,308
CHR7	2E+07	CHR7:19988893	SSF x Far_LoA	-10,9778379	0,046	0,298
CHR7	2E+07	CHR7:20005897	SSF x Far_LoA	-9,46887487	-0,103	0,290
CHR7	2E+07	CHR7:20005901	SSF x Far_LoA	-5,16710363	0,086	0,302
CHR7	2E+07	CHR7:20005951	SSF x Far_LoA	-11,1735829	-0,082	0,322
CHR7	2E+07	CHR7:20005957	SSF x Far_LoA	-9,71710113	-0,018	0,309
CHR7	2000800	CHR7:2000800	SSF x Far_LoA	-9,90700515	0,038	0,298
CHR7	2E+07	CHR7:20008672	SSF x Far_LoA	-10,9756245	-0,104	0,293
CHR7	2E+07	CHR7:20018072	SSF x Far_LoA	-10,3396828	-0,011	0,308
CHR7	2E+07	CHR7:20018247	SSF x Far_LoA	-10,3927283	-0,104	0,307
CHR7	2E+07	CHR7:20025827	SSF x Far_LoA	-10,3934699	0,009	0,316
CHR7	2E+07	CHR7:20026065	SSF x Far_LoA	-5,04199728	-0,135	0,316
CHR7	2E+07	CHR7:20026082	SSF x Far_LoA	-10,2319947	-0,046	0,306
CHR7	2E+07	CHR7:20026085	SSF x Far_LoA	-11,086979	-0,042	0,295
CHR7	2E+07	CHR7:20026128	SSF x Far_LoA	-9,52067664	-0,131	0,313
CHR7	2E+07	CHR7:20042257	SSF x Far_LoA	-8,84222366	0,083	0,303
CHR7	2E+07	CHR7:20042464	SSF x Far_LoA	-7,36936177	0,128	0,297
CHR7	2E+07	CHR7:20043871	SSF x Far_LoA	-8,2234133	0,087	0,306
CHR7	2E+07	CHR7:20043880	SSF x Far_LoA	-3,96463442	0,212	0,297
CHR7	2E+07	CHR7:20043958	SSF x Far_LoA	-10,9623609	0,031	0,314
CHR7	2E+07	CHR7:20044037	SSF x Far_LoA	-5,42221209	0,225	0,278

CHR7	2E+07	CHR7:20044067	SSF x Far_LoA	-9,4042565	-0,014	0,296
CHR7	2E+07	CHR7:20053750	SSF x Far_LoA	-9,93063892	0,107	0,313
CHR7	2E+07	CHR7:20053779	SSF x Far_LoA	-9,28005238	-0,075	0,304
CHR7	2E+07	CHR7:20053804	SSF x Far_LoA	-8,43163513	0,004	0,306
CHR7	2E+07	CHR7:20053893	SSF x Far_LoA	-10,40179	0,001	0,301
CHR7	2E+07	CHR7:20054546	SSF x Far_LoA	-11,2422899	-0,005	0,306
CHR7	2E+07	CHR7:20067333	SSF x Far_LoA	-9,98647132	0,026	0,307
CHR7	2E+07	CHR7:20073924	SSF x Far_LoA	-8,34005993	0,114	0,301
CHR7	2E+07	CHR7:20073993	SSF x Far_LoA	-6,87344174	0,152	0,310
CHR7	2E+07	CHR7:20075514	SSF x Far_LoA	-9,21669844	-0,033	0,314
CHR7	2E+07	CHR7:20092536	SSF x Far_LoA	-9,16991074	0,050	0,297
CHR7	2E+07	CHR7:20124556	SSF x Far_LoA	-11,0891873	0,014	0,296
CHR7	2E+07	CHR7:20124718	SSF x Far_LoA	-9,38069952	-0,027	0,315
CHR7	2E+07	CHR7:20154230	SSF x Far_LoA	-8,60277461	0,001	0,315
CHR7	2E+07	CHR7:20154236	SSF x Far_LoA	-4,66437221	-0,008	0,324
CHR7	2E+07	CHR7:20154268	SSF x Far_LoA	-8,63052671	-0,005	0,319
CHR7	2E+07	CHR7:20154275	SSF x Far_LoA	-8,62066185	0,013	0,318
CHR7	2E+07	CHR7:20154295	SSF x Far_LoA	-5,6735777	-0,018	0,306
CHR7	2E+07	CHR7:20154298	SSF x Far_LoA	-8,94187471	0,002	0,314
CHR7	2E+07	CHR7:20154305	SSF x Far_LoA	-9,00739585	0,020	0,325
CHR7	2E+07	CHR7:20154343	SSF x Far_LoA	-9,26690085	-0,024	0,314
CHR7	2E+07	CHR7:20154346	SSF x Far_LoA	-6,67348587	0,006	0,314
CHR7	2E+07	CHR7:20154476	SSF x Far_LoA	-9,74828157	-0,183	0,301
CHR7	2016842	CHR7:2016842	SSF x Far_LoA	-10,9458308	0,120	0,298
CHR7	2016873	CHR7:2016873	SSF x Far_LoA	-8,95890019	0,061	0,300
CHR7	2017005	CHR7:2017005	SSF x Far_LoA	-7,79579681	-0,099	0,302
CHR7	2017019	CHR7:2017019	SSF x Far_LoA	-9,89626131	-0,103	0,321
CHR7	2017059	CHR7:2017059	SSF x Far_LoA	-8,78970006	0,016	0,304
CHR7	2E+07	CHR7:20230844	SSF x Far_LoA	-9,21041739	0,036	0,310
CHR7	2E+07	CHR7:20233936	SSF x Far_LoA	-11,2013528	-0,041	0,299
CHR7	2E+07	CHR7:20237629	SSF x Far_LoA	-9,95537045	-0,019	0,315
CHR7	2E+07	CHR7:20248130	SSF x Far_LoA	-9,38953076	0,140	0,310
CHR7	2E+07	CHR7:20258122	SSF x Far_LoA	-11,0169212	-0,020	0,299
CHR7	2E+07	CHR7:20263213	SSF x Far_LoA	-9,01282997	-0,135	0,300
CHR7	2E+07	CHR7:20263404	SSF x Far_LoA	-10,8909789	0,069	0,291
CHR7	2E+07	CHR7:20269317	SSF x Far_LoA	-10,1480038	0,062	0,301
CHR7	2E+07	CHR7:20269444	SSF x Far_LoA	-9,93239852	-0,062	0,310
CHR7	2E+07	CHR7:20277513	SSF x Far_LoA	-8,17714872	0,181	0,301
CHR7	2E+07	CHR7:20277620	SSF x Far_LoA	-6,31231945	-0,187	0,299
CHR7	2E+07	CHR7:20300318	SSF x Far_LoA	-12,1843047	0,080	0,297
CHR7	2E+07	CHR7:20300320	SSF x Far_LoA	-11,2307186	-0,066	0,299
CHR7	2E+07	CHR7:20300350	SSF x Far_LoA	-10,1338414	0,001	0,306
CHR7	2E+07	CHR7:20300436	SSF x Far_LoA	-7,24402495	0,162	0,295
CHR7	2E+07	CHR7:20304513	SSF x Far_LoA	-7,10901279	0,118	0,312
CHR7	2E+07	CHR7:20304516	SSF x Far_LoA	-10,0720733	-0,106	0,301
CHR7	2E+07	CHR7:20304535	SSF x Far_LoA	-9,46781099	-0,039	0,291
CHR7	2E+07	CHR7:20307513	SSF x Far_LoA	-9,05101607	-0,175	0,299
CHR7	2E+07	CHR7:20307535	SSF x Far_LoA	-5,71547935	-0,179	0,300
CHR7	2E+07	CHR7:20307685	SSF x Far_LoA	-8,2218085	-0,142	0,301
CHR7	2031030	CHR7:2031030	SSF x Far_LoA	-8,57831938	0,117	0,304
CHR7	2031042	CHR7:2031042	SSF x Far_LoA	-9,66399875	0,069	0,325
CHR7	2031083	CHR7:2031083	SSF x Far_LoA	-10,1023878	0,030	0,301
CHR7	2031131	CHR7:2031131	SSF x Far_LoA	-11,1303633	-0,062	0,315

CHR7	2E+07	CHR7:20311360	SSF x Far_LoA	-9,88195092	0,001	0,312
CHR7	2E+07	CHR7:20311395	SSF x Far_LoA	-8,06308837	0,005	0,311
CHR7	2E+07	CHR7:20311423	SSF x Far_LoA	-9,00146579	-0,022	0,310
CHR7	2E+07	CHR7:20311444	SSF x Far_LoA	-9,44365109	0,002	0,314
CHR7	2E+07	CHR7:20311459	SSF x Far_LoA	-10,8209433	-0,001	0,308
CHR7	2E+07	CHR7:20311462	SSF x Far_LoA	-8,91436594	0,035	0,313
CHR7	2E+07	CHR7:20311496	SSF x Far_LoA	-10,8029144	0,063	0,311
CHR7	2E+07	CHR7:20311529	SSF x Far_LoA	-8,40469517	0,105	0,309
CHR7	2031160	CHR7:2031160	SSF x Far_LoA	-9,89521276	0,021	0,323
CHR7	2031206	CHR7:2031206	SSF x Far_LoA	-12,0236558	-0,066	0,296
CHR7	2E+07	CHR7:20312998	SSF x Far_LoA	-6,86710982	-0,176	0,310
CHR7	2E+07	CHR7:20313002	SSF x Far_LoA	-9,11780511	0,097	0,310
CHR7	2E+07	CHR7:20313030	SSF x Far_LoA	-6,86501878	-0,032	0,301
CHR7	2E+07	CHR7:20313201	SSF x Far_LoA	-4,44190143	-0,068	0,314
CHR7	2E+07	CHR7:20313210	SSF x Far_LoA	-2,49037624	0,006	0,303
CHR7	2E+07	CHR7:20313227	SSF x Far_LoA	-5,54605618	-0,127	0,317
CHR7	2E+07	CHR7:20313229	SSF x Far_LoA	-6,36641758	-0,152	0,306
CHR7	2E+07	CHR7:20323570	SSF x Far_LoA	-11,3956069	0,010	0,293
CHR7	2E+07	CHR7:20323579	SSF x Far_LoA	-9,9266377	0,111	0,305
CHR7	2E+07	CHR7:20323637	SSF x Far_LoA	-11,1190542	-0,021	0,296
CHR7	2E+07	CHR7:20323671	SSF x Far_LoA	-9,65892898	0,006	0,299
CHR7	2E+07	CHR7:20334653	SSF x Far_LoA	-5,52681416	0,191	0,283
CHR7	2E+07	CHR7:20336251	SSF x Far_LoA	-10,5277873	-0,002	0,313
CHR7	2E+07	CHR7:20346436	SSF x Far_LoA	-9,07070677	0,073	0,299
CHR7	2E+07	CHR7:20346604	SSF x Far_LoA	-11,3054074	-0,071	0,313
CHR7	2035620	CHR7:2035620	SSF x Far_LoA	-8,50222779	-0,036	0,303
CHR7	2035665	CHR7:2035665	SSF x Far_LoA	-11,7719298	-0,088	0,300
CHR7	2035669	CHR7:2035669	SSF x Far_LoA	-8,6265951	-0,169	0,290
CHR7	2035739	CHR7:2035739	SSF x Far_LoA	-8,97291685	0,054	0,306
CHR7	2E+07	CHR7:20359244	SSF x Far_LoA	-7,16059632	0,061	0,295
CHR7	2E+07	CHR7:20359265	SSF x Far_LoA	-10,9221482	0,026	0,304
CHR7	2E+07	CHR7:20362851	SSF x Far_LoA	-8,61518935	0,028	0,306
CHR7	2E+07	CHR7:20363000	SSF x Far_LoA	-9,3020229	-0,070	0,307
CHR7	2E+07	CHR7:20363033	SSF x Far_LoA	-9,69573963	0,106	0,314
CHR7	2E+07	CHR7:20363047	SSF x Far_LoA	0,00697471	-0,047	0,308
CHR7	2E+07	CHR7:20363048	SSF x Far_LoA	-8,3796885	-0,066	0,315
CHR7	2E+07	CHR7:20386552	SSF x Far_LoA	-9,86103495	0,105	0,310
CHR7	2E+07	CHR7:20398409	SSF x Far_LoA	-11,1817555	-0,018	0,327
CHR7	2E+07	CHR7:20403297	SSF x Far_LoA	-10,4559475	0,081	0,302
CHR7	2E+07	CHR7:20412820	SSF x Far_LoA	-8,06966604	0,011	0,307
CHR7	2E+07	CHR7:20412966	SSF x Far_LoA	-1,9783162	-0,032	0,309
CHR7	2E+07	CHR7:20416035	SSF x Far_LoA	-9,47256238	0,057	0,307
CHR7	2E+07	CHR7:20425201	SSF x Far_LoA	-8,33488607	0,028	0,301
CHR7	2E+07	CHR7:20425227	SSF x Far_LoA	-10,4383194	0,043	0,302
CHR7	2E+07	CHR7:20428341	SSF x Far_LoA	-11,0047579	-0,053	0,296
CHR7	2E+07	CHR7:20433213	SSF x Far_LoA	-9,58639119	0,091	0,301
CHR7	2E+07	CHR7:20433222	SSF x Far_LoA	-8,46550577	0,084	0,290
CHR7	2E+07	CHR7:20433240	SSF x Far_LoA	-9,1264627	0,081	0,303
CHR7	2E+07	CHR7:20433242	SSF x Far_LoA	-11,6350343	-0,042	0,316
CHR7	2E+07	CHR7:20433750	SSF x Far_LoA	-8,78345428	-0,074	0,319
CHR7	2E+07	CHR7:20435155	SSF x Far_LoA	-2,91173372	-0,143	0,306
CHR7	2E+07	CHR7:20435271	SSF x Far_LoA	-10,2310444	0,012	0,312
CHR7	2E+07	CHR7:20435472	SSF x Far_LoA	-9,08567421	-0,080	0,306

CHR7	2E+07	CHR7:20444227	SSF x Far_LoA	-10,4146305	0,104	0,306
CHR7	2E+07	CHR7:20444233	SSF x Far_LoA	-9,99573845	-0,018	0,314
CHR7	2E+07	CHR7:20444239	SSF x Far_LoA	-8,02235923	-0,081	0,316
CHR7	2E+07	CHR7:20444367	SSF x Far_LoA	-9,47098792	0,059	0,312
CHR7	2E+07	CHR7:20445273	SSF x Far_LoA	-12,0629612	0,056	0,292
CHR7	2E+07	CHR7:20445315	SSF x Far_LoA	-9,60928335	0,021	0,312
CHR7	2E+07	CHR7:20445321	SSF x Far_LoA	-9,27207813	-0,003	0,305
CHR7	2E+07	CHR7:20445330	SSF x Far_LoA	-8,5578646	-0,071	0,311
CHR7	2E+07	CHR7:20450459	SSF x Far_LoA	-11,080685	-0,040	0,315
CHR7	2E+07	CHR7:20450506	SSF x Far_LoA	-9,04345643	-0,056	0,306
CHR7	2E+07	CHR7:20450576	SSF x Far_LoA	-8,48853771	0,131	0,312
CHR7	2E+07	CHR7:20455409	SSF x Far_LoA	-4,14650723	-0,180	0,306
CHR7	2E+07	CHR7:20455589	SSF x Far_LoA	-8,30817762	0,049	0,310
CHR7	2E+07	CHR7:20455616	SSF x Far_LoA	-8,00210105	0,060	0,314
CHR7	2E+07	CHR7:20456774	SSF x Far_LoA	-6,96559788	-0,052	0,307
CHR7	2E+07	CHR7:20456811	SSF x Far_LoA	-9,00665123	-0,079	0,294
CHR7	2E+07	CHR7:20466425	SSF x Far_LoA	-8,86744608	-0,049	0,305
CHR7	2E+07	CHR7:20466483	SSF x Far_LoA	-8,96698603	-0,058	0,299
CHR7	2E+07	CHR7:20466596	SSF x Far_LoA	-7,86516852	-0,041	0,302
CHR7	2E+07	CHR7:20466650	SSF x Far_LoA	-8,76463283	-0,012	0,309
CHR7	2047426	CHR7:2047426	SSF x Far_LoA	-9,39030367	0,031	0,293
CHR7	2E+07	CHR7:20476591	SSF x Far_LoA	-8,53892975	-0,086	0,309
CHR7	2E+07	CHR7:20476914	SSF x Far_LoA	-10,4674104	-0,045	0,307
CHR7	2E+07	CHR7:20476929	SSF x Far_LoA	-7,97437242	0,164	0,302
CHR7	2E+07	CHR7:20491163	SSF x Far_LoA	-9,73748162	0,025	0,309
CHR7	2E+07	CHR7:20493064	SSF x Far_LoA	-9,58307269	-0,086	0,311
CHR7	2E+07	CHR7:20493130	SSF x Far_LoA	-10,5722111	-0,040	0,306
CHR7	2E+07	CHR7:20495911	SSF x Far_LoA	-10,6325557	0,029	0,290
CHR7	2E+07	CHR7:20496051	SSF x Far_LoA	-8,16784858	-0,123	0,312
CHR7	20502841	CHR7:20502841	SSF x Far_LoA	-8,98035672	-0,008	0,308
CHR7	20502885	CHR7:20502885	SSF x Far_LoA	-11,2243201	0,074	0,303
CHR7	20502922	CHR7:20502922	SSF x Far_LoA	-8,54984631	-0,043	0,309
CHR7	20509497	CHR7:20509497	SSF x Far_LoA	-12,1044353	-0,039	0,300
CHR7	2051386	CHR7:2051386	SSF x Far_LoA	-11,1348913	-0,045	0,308
CHR7	2051410	CHR7:2051410	SSF x Far_LoA	-8,54739512	-0,070	0,302
CHR7	20514646	CHR7:20514646	SSF x Far_LoA	-10,6075732	0,096	0,301
CHR7	20525429	CHR7:20525429	SSF x Far_LoA	-9,50877279	-0,049	0,314
CHR7	20525430	CHR7:20525430	SSF x Far_LoA	-8,50668355	-0,042	0,314
CHR7	20525435	CHR7:20525435	SSF x Far_LoA	-10,9009552	-0,055	0,307
CHR7	20525540	CHR7:20525540	SSF x Far_LoA	-11,2552685	-0,022	0,296
CHR7	20537097	CHR7:20537097	SSF x Far_LoA	-10,087657	0,046	0,315
CHR7	20546060	CHR7:20546060	SSF x Far_LoA	-8,87300609	-0,110	0,295
CHR7	20546067	CHR7:20546067	SSF x Far_LoA	-1,11510659	-0,009	0,311
CHR7	2055523	CHR7:2055523	SSF x Far_LoA	-9,44593187	0,157	0,302
CHR7	20563225	CHR7:20563225	SSF x Far_LoA	-9,19685336	0,015	0,311
CHR7	20563238	CHR7:20563238	SSF x Far_LoA	-9,45753303	0,015	0,310
CHR7	20563262	CHR7:20563262	SSF x Far_LoA	-11,4229497	0,052	0,309
CHR7	20563899	CHR7:20563899	SSF x Far_LoA	-10,2284813	0,025	0,300
CHR7	20563905	CHR7:20563905	SSF x Far_LoA	-10,6805234	0,014	0,298
CHR7	20563913	CHR7:20563913	SSF x Far_LoA	-10,0122578	-0,047	0,303
CHR7	20563947	CHR7:20563947	SSF x Far_LoA	-8,18205313	0,005	0,320
CHR7	2057363	CHR7:2057363	SSF x Far_LoA	-5,15645115	-0,189	0,311
CHR7	2057382	CHR7:2057382	SSF x Far_LoA	-10,5744886	-0,092	0,310

CHR7	20588603	CHR7:20588603	SSF x Far_LoA	-10,517154	0,019	0,296
CHR7	20588618	CHR7:20588618	SSF x Far_LoA	-6,76283206	0,044	0,295
CHR7	20588677	CHR7:20588677	SSF x Far_LoA	-7,80883829	-0,044	0,283
CHR7	20588693	CHR7:20588693	SSF x Far_LoA	-8,96449427	-0,052	0,293
CHR7	20588705	CHR7:20588705	SSF x Far_LoA	-11,3583442	0,049	0,308
CHR7	20589936	CHR7:20589936	SSF x Far_LoA	-7,12600889	-0,038	0,308
CHR7	20592831	CHR7:20592831	SSF x Far_LoA	-9,1484965	-0,077	0,318
CHR7	20592853	CHR7:20592853	SSF x Far_LoA	-7,26620853	-0,074	0,311
CHR7	20592856	CHR7:20592856	SSF x Far_LoA	-10,9097952	-0,002	0,320
CHR7	2060241	CHR7:2060241	SSF x Far_LoA	-9,78140688	0,178	0,294
CHR7	206182	CHR7:206182	SSF x Far_LoA	-3,76434071	-0,186	0,294
CHR7	20627018	CHR7:20627018	SSF x Far_LoA	-10,2084403	0,030	0,315
CHR7	20627027	CHR7:20627027	SSF x Far_LoA	-10,0396592	0,010	0,300
CHR7	20627053	CHR7:20627053	SSF x Far_LoA	-7,55099057	0,106	0,314
CHR7	20627091	CHR7:20627091	SSF x Far_LoA	-8,86510046	0,018	0,304
CHR7	20634291	CHR7:20634291	SSF x Far_LoA	-5,91993523	0,041	0,291
CHR7	20634835	CHR7:20634835	SSF x Far_LoA	0,0020507	0,123	0,303
CHR7	20641231	CHR7:20641231	SSF x Far_LoA	-10,2433551	0,100	0,294
CHR7	20641415	CHR7:20641415	SSF x Far_LoA	-8,04780569	-0,059	0,297
CHR7	20641434	CHR7:20641434	SSF x Far_LoA	-8,80699374	0,040	0,315
CHR7	20647532	CHR7:20647532	SSF x Far_LoA	-8,68915473	-0,084	0,319
CHR7	20647569	CHR7:20647569	SSF x Far_LoA	-5,54984139	-0,098	0,309
CHR7	20647571	CHR7:20647571	SSF x Far_LoA	-9,0853022	0,019	0,311
CHR7	20647576	CHR7:20647576	SSF x Far_LoA	-9,5378227	0,062	0,299
CHR7	20647610	CHR7:20647610	SSF x Far_LoA	-9,27956188	-0,107	0,311
CHR7	20649170	CHR7:20649170	SSF x Far_LoA	-6,07000815	0,186	0,304
CHR7	20649206	CHR7:20649206	SSF x Far_LoA	1,95251542	-0,013	0,311
CHR7	20651033	CHR7:20651033	SSF x Far_LoA	-8,8246132	-0,023	0,313
CHR7	20651156	CHR7:20651156	SSF x Far_LoA	-9,52631372	-0,058	0,301
CHR7	206517	CHR7:206517	SSF x Far_LoA	-8,66884058	0,037	0,299
CHR7	20655098	CHR7:20655098	SSF x Far_LoA	-8,6514946	0,019	0,305
CHR7	20655100	CHR7:20655100	SSF x Far_LoA	-8,08131663	0,045	0,325
CHR7	20655102	CHR7:20655102	SSF x Far_LoA	-9,45103932	-0,010	0,318
CHR7	20655103	CHR7:20655103	SSF x Far_LoA	-5,76222395	0,047	0,305
CHR7	20663060	CHR7:20663060	SSF x Far_LoA	-9,30587326	-0,047	0,309
CHR7	20663079	CHR7:20663079	SSF x Far_LoA	-11,7590472	0,012	0,312
CHR7	20663130	CHR7:20663130	SSF x Far_LoA	-7,08497052	-0,055	0,302
CHR7	20676529	CHR7:20676529	SSF x Far_LoA	-8,87942756	-0,033	0,299
CHR7	20676560	CHR7:20676560	SSF x Far_LoA	-9,00398969	0,043	0,311
CHR7	20676612	CHR7:20676612	SSF x Far_LoA	-11,2555793	-0,036	0,308
CHR7	2069231	CHR7:2069231	SSF x Far_LoA	-10,0370509	-0,048	0,300
CHR7	2069317	CHR7:2069317	SSF x Far_LoA	-8,31530263	-0,058	0,306
CHR7	2069443	CHR7:2069443	SSF x Far_LoA	-9,01463001	0,068	0,306
CHR7	2069456	CHR7:2069456	SSF x Far_LoA	-8,57465089	-0,176	0,299
CHR7	20705814	CHR7:20705814	SSF x Far_LoA	-9,43498172	0,126	0,299
CHR7	20705915	CHR7:20705915	SSF x Far_LoA	-10,0506021	-0,031	0,298
CHR7	20705919	CHR7:20705919	SSF x Far_LoA	-11,2634979	-0,041	0,315
CHR7	20705970	CHR7:20705970	SSF x Far_LoA	-10,5988441	-0,084	0,310
CHR7	20706013	CHR7:20706013	SSF x Far_LoA	-11,3836262	-0,028	0,303
CHR7	20713479	CHR7:20713479	SSF x Far_LoA	-8,88341167	0,036	0,315
CHR7	20713506	CHR7:20713506	SSF x Far_LoA	-7,13664482	-0,014	0,309
CHR7	20713514	CHR7:20713514	SSF x Far_LoA	-9,26735255	0,014	0,307
CHR7	20713622	CHR7:20713622	SSF x Far_LoA	-8,64729153	0,026	0,313

CHR7	20713638	CHR7:20713638	SSF x Far_LoA	-11,8148986	0,020	0,300
CHR7	20713723	CHR7:20713723	SSF x Far_LoA	-9,99216592	-0,090	0,318
CHR7	20713757	CHR7:20713757	SSF x Far_LoA	-5,70330997	-0,143	0,314
CHR7	20713789	CHR7:20713789	SSF x Far_LoA	-7,41353318	-0,022	0,300
CHR7	20718290	CHR7:20718290	SSF x Far_LoA	-9,2669966	-0,102	0,302
CHR7	20718514	CHR7:20718514	SSF x Far_LoA	-9,18379909	-0,023	0,308
CHR7	20724274	CHR7:20724274	SSF x Far_LoA	-7,6223016	-0,078	0,316
CHR7	20726760	CHR7:20726760	SSF x Far_LoA	-7,28922133	0,168	0,305
CHR7	20726833	CHR7:20726833	SSF x Far_LoA	-10,6846641	-0,097	0,301
CHR7	20726894	CHR7:20726894	SSF x Far_LoA	-10,3027085	-0,024	0,300
CHR7	20739665	CHR7:20739665	SSF x Far_LoA	-8,10103788	-0,052	0,321
CHR7	20741635	CHR7:20741635	SSF x Far_LoA	-6,65995454	0,126	0,316
CHR7	20741642	CHR7:20741642	SSF x Far_LoA	-7,04169577	0,090	0,307
CHR7	20741719	CHR7:20741719	SSF x Far_LoA	-9,11222297	0,101	0,305
CHR7	20747964	CHR7:20747964	SSF x Far_LoA	-9,90663763	-0,057	0,318
CHR7	20747995	CHR7:20747995	SSF x Far_LoA	-7,36890124	-0,084	0,295
CHR7	2074812	CHR7:2074812	SSF x Far_LoA	-7,83990421	0,134	0,299
CHR7	20754545	CHR7:20754545	SSF x Far_LoA	-10,3749151	-0,116	0,309
CHR7	20915950	CHR7:20915950	SSF x Far_LoA	-10,4056953	0,081	0,287
CHR7	20916175	CHR7:20916175	SSF x Far_LoA	-8,61702528	-0,027	0,316
CHR7	20919123	CHR7:20919123	SSF x Far_LoA	-7,85013958	0,056	0,333
CHR7	20929968	CHR7:20929968	SSF x Far_LoA	-9,94603783	0,025	0,311
CHR7	20945268	CHR7:20945268	SSF x Far_LoA	-8,97055539	0,044	0,302
CHR7	20945383	CHR7:20945383	SSF x Far_LoA	-9,60779525	0,036	0,309
CHR7	2095073	CHR7:2095073	SSF x Far_LoA	-11,3908117	0,010	0,299
CHR7	2095106	CHR7:2095106	SSF x Far_LoA	-11,6589829	-0,027	0,302
CHR7	2095109	CHR7:2095109	SSF x Far_LoA	-10,7500693	-0,007	0,310
CHR7	2099038	CHR7:2099038	SSF x Far_LoA	-11,1383339	0,078	0,309
CHR7	2099044	CHR7:2099044	SSF x Far_LoA	-8,90416218	0,008	0,316
CHR7	2100164	CHR7:2100164	SSF x Far_LoA	-4,67591091	-0,143	0,302
CHR7	2100255	CHR7:2100255	SSF x Far_LoA	-9,80407957	0,093	0,295
CHR7	2100256	CHR7:2100256	SSF x Far_LoA	-9,53199162	0,114	0,322
CHR7	2102480	CHR7:2102480	SSF x Far_LoA	-10,968917	-0,016	0,327
CHR7	2102535	CHR7:2102535	SSF x Far_LoA	-8,9338366	-0,076	0,302
CHR7	2102540	CHR7:2102540	SSF x Far_LoA	-9,34589614	0,056	0,297
CHR7	2102556	CHR7:2102556	SSF x Far_LoA	-8,44990007	0,127	0,298
CHR7	2117858	CHR7:2117858	SSF x Far_LoA	-8,09970206	-0,109	0,315
CHR7	2117996	CHR7:2117996	SSF x Far_LoA	-10,7605396	0,003	0,316
CHR7	2118062	CHR7:2118062	SSF x Far_LoA	-10,8337858	-0,079	0,299
CHR7	2124789	CHR7:2124789	SSF x Far_LoA	-9,94754252	0,041	0,304
CHR7	2128551	CHR7:2128551	SSF x Far_LoA	-9,98130569	0,010	0,315
CHR7	2128572	CHR7:2128572	SSF x Far_LoA	-11,0238287	0,018	0,306
CHR7	2129857	CHR7:2129857	SSF x Far_LoA	-9,74021451	0,012	0,301
CHR7	2129860	CHR7:2129860	SSF x Far_LoA	-7,2462489	0,075	0,302
CHR7	2130460	CHR7:2130460	SSF x Far_LoA	-9,38575862	-0,029	0,308
CHR7	2130556	CHR7:2130556	SSF x Far_LoA	-10,1204478	0,032	0,314
CHR7	2130564	CHR7:2130564	SSF x Far_LoA	-6,86541616	0,031	0,304
CHR7	2130580	CHR7:2130580	SSF x Far_LoA	-7,66592762	-0,001	0,323
CHR7	2139996	CHR7:2139996	SSF x Far_LoA	-8,55685635	0,057	0,306
CHR7	2150777	CHR7:2150777	SSF x Far_LoA	-7,07196747	-0,029	0,319
CHR7	2159798	CHR7:2159798	SSF x Far_LoA	-9,56733646	0,054	0,300
CHR7	2176025	CHR7:2176025	SSF x Far_LoA	-9,87790575	-0,054	0,309
CHR7	2176133	CHR7:2176133	SSF x Far_LoA	-10,2537315	0,068	0,297

CHR7	2176175	CHR7:2176175	SSF x Far_LoA	-10,6950649	0,067	0,302
CHR7	2177648	CHR7:2177648	SSF x Far_LoA	-7,77908671	-0,033	0,310
CHR7	2177671	CHR7:2177671	SSF x Far_LoA	-1,0167586	-0,081	0,291
CHR7	2177808	CHR7:2177808	SSF x Far_LoA	-1,86141987	-0,148	0,272
CHR7	2192947	CHR7:2192947	SSF x Far_LoA	-10,9594336	0,043	0,303
CHR7	2192949	CHR7:2192949	SSF x Far_LoA	-8,77669693	-0,013	0,299
CHR7	2192979	CHR7:2192979	SSF x Far_LoA	-10,2347289	-0,066	0,308
CHR7	2193130	CHR7:2193130	SSF x Far_LoA	-10,0502764	0,031	0,295
CHR7	2197270	CHR7:2197270	SSF x Far_LoA	-10,9982248	-0,045	0,313
CHR7	2197321	CHR7:2197321	SSF x Far_LoA	-9,05658067	0,126	0,291
CHR7	2197512	CHR7:2197512	SSF x Far_LoA	-12,2617723	0,063	0,308
CHR7	2202151	CHR7:2202151	SSF x Far_LoA	-9,69498566	0,062	0,300
CHR7	2212239	CHR7:2212239	SSF x Far_LoA	-10,2715835	-0,126	0,295
CHR7	2212275	CHR7:2212275	SSF x Far_LoA	-9,36901496	-0,123	0,302
CHR7	2218112	CHR7:2218112	SSF x Far_LoA	-6,9620909	0,072	0,297
CHR7	2218380	CHR7:2218380	SSF x Far_LoA	-10,7920253	0,153	0,287
CHR7	2225053	CHR7:2225053	SSF x Far_LoA	-2,59747097	0,138	0,300
CHR7	2228541	CHR7:2228541	SSF x Far_LoA	-11,4823352	-0,054	0,306
CHR7	2228560	CHR7:2228560	SSF x Far_LoA	-8,20103973	-0,055	0,297
CHR7	2228572	CHR7:2228572	SSF x Far_LoA	-9,06158033	0,081	0,306
CHR7	2233544	CHR7:2233544	SSF x Far_LoA	-11,7365511	0,043	0,312
CHR7	2233684	CHR7:2233684	SSF x Far_LoA	-8,9304098	-0,044	0,296
CHR7	2235070	CHR7:2235070	SSF x Far_LoA	-8,96913347	0,053	0,291
CHR7	2236430	CHR7:2236430	SSF x Far_LoA	-10,6604806	-0,096	0,297
CHR7	2238102	CHR7:2238102	SSF x Far_LoA	-10,7111351	-0,040	0,309
CHR7	2242583	CHR7:2242583	SSF x Far_LoA	-2,22698043	0,078	0,316
CHR7	2242596	CHR7:2242596	SSF x Far_LoA	-10,6449898	0,116	0,314
CHR7	2242800	CHR7:2242800	SSF x Far_LoA	-9,47683262	-0,023	0,297
CHR7	2248691	CHR7:2248691	SSF x Far_LoA	-4,3772426	-0,164	0,309
CHR7	2250908	CHR7:2250908	SSF x Far_LoA	-5,43251759	0,009	0,300
CHR7	2250990	CHR7:2250990	SSF x Far_LoA	-8,43244625	0,065	0,314
CHR7	2250992	CHR7:2250992	SSF x Far_LoA	-9,94252687	0,045	0,305
CHR7	2251002	CHR7:2251002	SSF x Far_LoA	-9,45683498	0,041	0,306
CHR7	2251016	CHR7:2251016	SSF x Far_LoA	-9,69807664	0,083	0,307
CHR7	2251025	CHR7:2251025	SSF x Far_LoA	-10,1903087	0,040	0,321
CHR7	2251042	CHR7:2251042	SSF x Far_LoA	-6,98778343	-0,049	0,313
CHR7	2251048	CHR7:2251048	SSF x Far_LoA	-12,3640947	0,036	0,311
CHR7	2251051	CHR7:2251051	SSF x Far_LoA	-8,85859725	-0,074	0,320
CHR7	2254525	CHR7:2254525	SSF x Far_LoA	-10,362311	0,044	0,308
CHR7	2254577	CHR7:2254577	SSF x Far_LoA	-8,34668263	0,067	0,301
CHR7	225497	CHR7:225497	SSF x Far_LoA	-11,2339928	-0,049	0,310
CHR7	225550	CHR7:225550	SSF x Far_LoA	-2,55059948	-0,101	0,324
CHR7	2261041	CHR7:2261041	SSF x Far_LoA	-8,15074867	-0,109	0,308
CHR7	2261073	CHR7:2261073	SSF x Far_LoA	-8,26287244	0,096	0,322
CHR7	2269864	CHR7:2269864	SSF x Far_LoA	-8,97633694	-0,013	0,315
CHR7	2269940	CHR7:2269940	SSF x Far_LoA	-8,22700147	-0,058	0,303
CHR7	2270148	CHR7:2270148	SSF x Far_LoA	-8,90683141	0,125	0,301
CHR7	2270175	CHR7:2270175	SSF x Far_LoA	-7,61764251	-0,013	0,295
CHR7	2270195	CHR7:2270195	SSF x Far_LoA	-9,21869385	0,070	0,303
CHR7	2270214	CHR7:2270214	SSF x Far_LoA	-5,49371317	0,117	0,304
CHR7	2281687	CHR7:2281687	SSF x Far_LoA	-9,94779387	0,028	0,309
CHR7	2294415	CHR7:2294415	SSF x Far_LoA	-10,6811597	0,071	0,304
CHR7	2294502	CHR7:2294502	SSF x Far_LoA	-8,67941355	0,091	0,292

CHR7	2304353	CHR7:2304353	SSF x Far_LoA	-8,88734329	-0,101	0,308
CHR7	231021	CHR7:231021	SSF x Far_LoA	-10,8401942	0,047	0,305
CHR7	231087	CHR7:231087	SSF x Far_LoA	-10,2381211	-0,031	0,317
CHR7	231182	CHR7:231182	SSF x Far_LoA	-7,2664318	-0,057	0,320
CHR7	2318479	CHR7:2318479	SSF x Far_LoA	-8,89255451	0,027	0,312
CHR7	2320114	CHR7:2320114	SSF x Far_LoA	-10,7747734	-0,063	0,304
CHR7	2320126	CHR7:2320126	SSF x Far_LoA	-8,92423259	-0,046	0,309
CHR7	2320529	CHR7:2320529	SSF x Far_LoA	-9,00953382	0,014	0,316
CHR7	2320591	CHR7:2320591	SSF x Far_LoA	-11,3663005	0,005	0,313
CHR7	2321868	CHR7:2321868	SSF x Far_LoA	-8,66807124	-0,056	0,308
CHR7	2321871	CHR7:2321871	SSF x Far_LoA	-7,06315631	0,188	0,282
CHR7	2321881	CHR7:2321881	SSF x Far_LoA	-6,70801662	0,161	0,294
CHR7	2322015	CHR7:2322015	SSF x Far_LoA	-10,6212711	0,067	0,306
CHR7	2322085	CHR7:2322085	SSF x Far_LoA	-7,57111708	-0,146	0,282
CHR7	2322091	CHR7:2322091	SSF x Far_LoA	-6,02127909	-0,113	0,324
CHR7	2329059	CHR7:2329059	SSF x Far_LoA	-11,0865476	0,005	0,309
CHR7	2330356	CHR7:2330356	SSF x Far_LoA	-7,34223236	0,089	0,314
CHR7	2330444	CHR7:2330444	SSF x Far_LoA	-10,6430792	0,065	0,313
CHR7	2330505	CHR7:2330505	SSF x Far_LoA	-9,17932354	0,038	0,301
CHR7	2330511	CHR7:2330511	SSF x Far_LoA	-11,4315608	-0,057	0,314
CHR7	2330534	CHR7:2330534	SSF x Far_LoA	-11,5532364	0,011	0,314
CHR7	2333743	CHR7:2333743	SSF x Far_LoA	-6,28452301	0,118	0,314
CHR7	2356837	CHR7:2356837	SSF x Far_LoA	-10,659229	-0,098	0,292
CHR7	2356841	CHR7:2356841	SSF x Far_LoA	-10,636982	-0,066	0,307
CHR7	2356968	CHR7:2356968	SSF x Far_LoA	-10,7282438	-0,038	0,315
CHR7	2359852	CHR7:2359852	SSF x Far_LoA	-8,99413026	-0,055	0,304
CHR7	2359906	CHR7:2359906	SSF x Far_LoA	-12,0870563	-0,066	0,309
CHR7	2359910	CHR7:2359910	SSF x Far_LoA	-8,13817782	-0,110	0,315
CHR7	2359922	CHR7:2359922	SSF x Far_LoA	-12,0865792	-0,084	0,296
CHR7	2374715	CHR7:2374715	SSF x Far_LoA	-6,56064682	0,114	0,306
CHR7	2374836	CHR7:2374836	SSF x Far_LoA	-9,16187255	0,069	0,282
CHR7	2374882	CHR7:2374882	SSF x Far_LoA	-11,2763533	0,052	0,308
CHR7	2374886	CHR7:2374886	SSF x Far_LoA	-8,15959466	-0,036	0,302
CHR7	2380248	CHR7:2380248	SSF x Far_LoA	-8,73889802	0,040	0,309
CHR7	2380253	CHR7:2380253	SSF x Far_LoA	-8,68955646	0,020	0,315
CHR7	2380320	CHR7:2380320	SSF x Far_LoA	-9,0907675	-0,080	0,320
CHR7	2380324	CHR7:2380324	SSF x Far_LoA	-8,70812198	-0,076	0,317
CHR7	2380407	CHR7:2380407	SSF x Far_LoA	-10,226847	-0,040	0,307
CHR7	2380443	CHR7:2380443	SSF x Far_LoA	-7,08195517	0,019	0,310
CHR7	2384484	CHR7:2384484	SSF x Far_LoA	-9,23395466	-0,088	0,303
CHR7	2384507	CHR7:2384507	SSF x Far_LoA	-10,7518324	0,035	0,306
CHR7	2384540	CHR7:2384540	SSF x Far_LoA	-9,95083691	0,040	0,308
CHR7	2384597	CHR7:2384597	SSF x Far_LoA	-8,53322393	-0,043	0,294
CHR7	2386180	CHR7:2386180	SSF x Far_LoA	-11,1216476	-0,034	0,305
CHR7	2397767	CHR7:2397767	SSF x Far_LoA	-11,4350261	0,024	0,306
CHR7	2397815	CHR7:2397815	SSF x Far_LoA	-9,02370993	0,031	0,314
CHR7	2397832	CHR7:2397832	SSF x Far_LoA	-8,6838314	0,027	0,308
CHR7	2397846	CHR7:2397846	SSF x Far_LoA	-9,79304066	-0,010	0,308
CHR7	2397857	CHR7:2397857	SSF x Far_LoA	-9,26588355	0,007	0,318
CHR7	2397886	CHR7:2397886	SSF x Far_LoA	-10,2247167	0,021	0,314
CHR7	240176	CHR7:240176	SSF x Far_LoA	-11,1319863	-0,017	0,311
CHR7	240187	CHR7:240187	SSF x Far_LoA	-6,72012171	0,157	0,295
CHR7	240337	CHR7:240337	SSF x Far_LoA	-5,85213621	0,096	0,305

CHR7	240352	CHR7:240352	SSF x Far_LoA	-10,6418672	-0,054	0,291
CHR7	2416496	CHR7:2416496	SSF x Far_LoA	-8,36480828	0,093	0,307
CHR7	2416553	CHR7:2416553	SSF x Far_LoA	-7,05631938	0,075	0,312
CHR7	2416651	CHR7:2416651	SSF x Far_LoA	-11,5129401	-0,011	0,299
CHR7	2418233	CHR7:2418233	SSF x Far_LoA	-8,60865402	-0,103	0,300
CHR7	2418270	CHR7:2418270	SSF x Far_LoA	-9,13136248	0,121	0,287
CHR7	2418295	CHR7:2418295	SSF x Far_LoA	-8,88531277	-0,128	0,289
CHR7	2418330	CHR7:2418330	SSF x Far_LoA	-6,54118068	0,161	0,285
CHR7	2418343	CHR7:2418343	SSF x Far_LoA	-6,48507953	0,158	0,303
CHR7	2421451	CHR7:2421451	SSF x Far_LoA	-9,01618398	-0,077	0,301
CHR7	2421592	CHR7:2421592	SSF x Far_LoA	-9,82900477	0,001	0,312
CHR7	2425000	CHR7:2425000	SSF x Far_LoA	-10,1710049	-0,005	0,317
CHR7	2433693	CHR7:2433693	SSF x Far_LoA	-9,53666726	-0,023	0,313
CHR7	2450914	CHR7:2450914	SSF x Far_LoA	-9,84683208	-0,057	0,311
CHR7	2450927	CHR7:2450927	SSF x Far_LoA	-9,30272868	0,109	0,308
CHR7	2456123	CHR7:2456123	SSF x Far_LoA	-10,7819032	0,054	0,302
CHR7	2467605	CHR7:2467605	SSF x Far_LoA	-11,1577288	-0,030	0,308
CHR7	2467648	CHR7:2467648	SSF x Far_LoA	-12,1719041	-0,054	0,302
CHR7	2469572	CHR7:2469572	SSF x Far_LoA	-9,66914747	0,029	0,316
CHR7	2469664	CHR7:2469664	SSF x Far_LoA	-9,20398227	-0,026	0,310
CHR7	246987	CHR7:246987	SSF x Far_LoA	-10,4474354	0,111	0,306
CHR7	247051	CHR7:247051	SSF x Far_LoA	-7,50609222	-0,061	0,312
CHR7	247083	CHR7:247083	SSF x Far_LoA	-9,97014313	0,050	0,308
CHR7	2474689	CHR7:2474689	SSF x Far_LoA	-10,5455691	0,012	0,307
CHR7	2474765	CHR7:2474765	SSF x Far_LoA	-9,4536178	-0,150	0,301
CHR7	2474790	CHR7:2474790	SSF x Far_LoA	-9,9752525	-0,004	0,305
CHR7	2476788	CHR7:2476788	SSF x Far_LoA	-11,0801219	-0,108	0,305
CHR7	2483840	CHR7:2483840	SSF x Far_LoA	-8,23532076	-0,116	0,332
CHR7	2483848	CHR7:2483848	SSF x Far_LoA	-9,41073028	-0,034	0,305
CHR7	2483879	CHR7:2483879	SSF x Far_LoA	-9,64885949	-0,073	0,322
CHR7	2484333	CHR7:2484333	SSF x Far_LoA	-9,54245264	0,000	0,312
CHR7	2486507	CHR7:2486507	SSF x Far_LoA	-8,87218677	-0,061	0,319
CHR7	2486511	CHR7:2486511	SSF x Far_LoA	-8,14053798	0,107	0,298
CHR7	2486619	CHR7:2486619	SSF x Far_LoA	-9,53792521	0,102	0,304
CHR7	2486624	CHR7:2486624	SSF x Far_LoA	-12,4951667	-0,027	0,300
CHR7	2490738	CHR7:2490738	SSF x Far_LoA	-7,40060655	0,014	0,309
CHR7	249638	CHR7:249638	SSF x Far_LoA	-7,99054109	0,130	0,291
CHR7	2500924	CHR7:2500924	SSF x Far_LoA	-11,4821243	0,001	0,307
CHR7	2501317	CHR7:2501317	SSF x Far_LoA	-8,41664401	-0,085	0,311
CHR7	2506580	CHR7:2506580	SSF x Far_LoA	-9,84315813	-0,080	0,304
CHR7	2506589	CHR7:2506589	SSF x Far_LoA	-5,90642832	-0,003	0,304
CHR7	2506590	CHR7:2506590	SSF x Far_LoA	-11,9765282	0,055	0,303
CHR7	2506601	CHR7:2506601	SSF x Far_LoA	-9,13281061	0,038	0,313
CHR7	2506617	CHR7:2506617	SSF x Far_LoA	-7,45820573	-0,098	0,300
CHR7	2506658	CHR7:2506658	SSF x Far_LoA	-7,88087869	0,078	0,304
CHR7	2506692	CHR7:2506692	SSF x Far_LoA	-10,1615419	0,085	0,315
CHR7	2506698	CHR7:2506698	SSF x Far_LoA	-4,19095856	0,221	0,282
CHR7	2510899	CHR7:2510899	SSF x Far_LoA	-10,7489888	-0,057	0,312
CHR7	2511932	CHR7:2511932	SSF x Far_LoA	-8,25552592	0,020	0,302
CHR7	2511960	CHR7:2511960	SSF x Far_LoA	-9,90442829	-0,062	0,297
CHR7	2511979	CHR7:2511979	SSF x Far_LoA	-6,92018641	0,101	0,312
CHR7	2511987	CHR7:2511987	SSF x Far_LoA	-9,53531069	0,100	0,309
CHR7	2512047	CHR7:2512047	SSF x Far_LoA	-10,0030887	0,054	0,312

CHR7	2515671	CHR7:2515671	SSF x Far_LoA	-11,1212958	0,011	0,298
CHR7	2515715	CHR7:2515715	SSF x Far_LoA	-9,48903809	0,077	0,287
CHR7	2515719	CHR7:2515719	SSF x Far_LoA	-12,1723042	-0,005	0,307
CHR7	2515755	CHR7:2515755	SSF x Far_LoA	-9,69750126	-0,022	0,298
CHR7	2519439	CHR7:2519439	SSF x Far_LoA	-11,6308795	0,063	0,295
CHR7	2519734	CHR7:2519734	SSF x Far_LoA	-6,17207254	-0,105	0,308
CHR7	2524920	CHR7:2524920	SSF x Far_LoA	-7,67949867	0,043	0,312
CHR7	2524967	CHR7:2524967	SSF x Far_LoA	-8,18262557	0,068	0,308
CHR7	2524997	CHR7:2524997	SSF x Far_LoA	-9,04734952	0,025	0,302
CHR7	2525271	CHR7:2525271	SSF x Far_LoA	-10,1622157	0,069	0,311
CHR7	2525272	CHR7:2525272	SSF x Far_LoA	-9,82869984	-0,002	0,302
CHR7	2525276	CHR7:2525276	SSF x Far_LoA	-6,00438375	0,047	0,319
CHR7	2527739	CHR7:2527739	SSF x Far_LoA	-9,02309415	-0,029	0,314
CHR7	2527827	CHR7:2527827	SSF x Far_LoA	-9,88594218	-0,011	0,303
CHR7	2527946	CHR7:2527946	SSF x Far_LoA	-5,58991095	-0,042	0,315
CHR7	2527968	CHR7:2527968	SSF x Far_LoA	-9,18066193	0,000	0,309
CHR7	2533566	CHR7:2533566	SSF x Far_LoA	-9,87243793	-0,030	0,315
CHR7	2533576	CHR7:2533576	SSF x Far_LoA	-8,63577769	-0,004	0,296
CHR7	2533602	CHR7:2533602	SSF x Far_LoA	-9,06582764	0,007	0,308
CHR7	2533625	CHR7:2533625	SSF x Far_LoA	-12,1558183	0,008	0,295
CHR7	2533719	CHR7:2533719	SSF x Far_LoA	-10,3311675	-0,064	0,310
CHR7	2537799	CHR7:2537799	SSF x Far_LoA	-9,66787652	-0,047	0,312
CHR7	2537867	CHR7:2537867	SSF x Far_LoA	-9,6257799	0,100	0,291
CHR7	2547602	CHR7:2547602	SSF x Far_LoA	-9,57567376	0,127	0,305
CHR7	2569378	CHR7:2569378	SSF x Far_LoA	-10,9005624	-0,041	0,311
CHR7	2569407	CHR7:2569407	SSF x Far_LoA	-7,27708361	0,015	0,319
CHR7	2587867	CHR7:2587867	SSF x Far_LoA	-9,25890057	-0,038	0,315
CHR7	2587868	CHR7:2587868	SSF x Far_LoA	-10,6347455	-0,018	0,313
CHR7	2591528	CHR7:2591528	SSF x Far_LoA	-10,5021783	-0,046	0,304
CHR7	2591582	CHR7:2591582	SSF x Far_LoA	-11,7630647	0,075	0,297
CHR7	2596702	CHR7:2596702	SSF x Far_LoA	-10,0204059	-0,081	0,302
CHR7	2596707	CHR7:2596707	SSF x Far_LoA	-9,74305677	-0,114	0,303
CHR7	2596735	CHR7:2596735	SSF x Far_LoA	-8,34123073	-0,135	0,300
CHR7	2596758	CHR7:2596758	SSF x Far_LoA	-3,9463364	0,128	0,288
CHR7	2596760	CHR7:2596760	SSF x Far_LoA	-10,3787387	-0,050	0,298
CHR7	2596763	CHR7:2596763	SSF x Far_LoA	-6,18645669	-0,189	0,281
CHR7	2596768	CHR7:2596768	SSF x Far_LoA	-9,1613486	0,131	0,295
CHR7	2596776	CHR7:2596776	SSF x Far_LoA	-10,3486631	-0,065	0,316
CHR7	2596887	CHR7:2596887	SSF x Far_LoA	-11,0290898	0,047	0,298
CHR7	2596893	CHR7:2596893	SSF x Far_LoA	-10,2817675	0,038	0,315
CHR7	2596894	CHR7:2596894	SSF x Far_LoA	-8,85293091	0,187	0,297
CHR7	2596897	CHR7:2596897	SSF x Far_LoA	-10,2527238	0,028	0,306
CHR7	2596905	CHR7:2596905	SSF x Far_LoA	-10,7709989	0,050	0,299
CHR7	2596906	CHR7:2596906	SSF x Far_LoA	-7,36589938	0,166	0,300
CHR7	2628048	CHR7:2628048	SSF x Far_LoA	-10,247033	-0,023	0,309
CHR7	2628117	CHR7:2628117	SSF x Far_LoA	-5,06257571	-0,154	0,299
CHR7	2628120	CHR7:2628120	SSF x Far_LoA	-10,9145238	0,061	0,301
CHR7	2628126	CHR7:2628126	SSF x Far_LoA	-10,6126134	-0,063	0,297
CHR7	2628172	CHR7:2628172	SSF x Far_LoA	-9,55439783	-0,007	0,291
CHR7	2639238	CHR7:2639238	SSF x Far_LoA	-8,89912056	0,088	0,306
CHR7	2639301	CHR7:2639301	SSF x Far_LoA	-7,37485276	-0,125	0,306
CHR7	2639323	CHR7:2639323	SSF x Far_LoA	-5,25162843	-0,046	0,308
CHR7	2639349	CHR7:2639349	SSF x Far_LoA	-7,70519912	0,103	0,308

CHR7	263936	CHR7:263936	SSF x Far_LoA	-9,75605924	0,002	0,299
CHR7	263937	CHR7:263937	SSF x Far_LoA	1,21346378	-0,018	0,299
CHR7	2639374	CHR7:2639374	SSF x Far_LoA	-9,46971474	-0,015	0,305
CHR7	2639380	CHR7:2639380	SSF x Far_LoA	-9,17009143	0,045	0,312
CHR7	263941	CHR7:263941	SSF x Far_LoA	-8,35028644	-0,060	0,312
CHR7	2639419	CHR7:2639419	SSF x Far_LoA	-9,12722205	0,032	0,300
CHR7	264017	CHR7:264017	SSF x Far_LoA	-8,64907187	-0,051	0,297
CHR7	264134	CHR7:264134	SSF x Far_LoA	-9,78312045	-0,078	0,300
CHR7	264141	CHR7:264141	SSF x Far_LoA	-8,94768637	-0,023	0,325
CHR7	2641585	CHR7:2641585	SSF x Far_LoA	-6,14429997	-0,074	0,303
CHR7	2641658	CHR7:2641658	SSF x Far_LoA	-8,67613258	-0,165	0,298
CHR7	2641756	CHR7:2641756	SSF x Far_LoA	-10,0731207	0,008	0,312
CHR7	2642889	CHR7:2642889	SSF x Far_LoA	-8,65374858	-0,043	0,314
CHR7	2643099	CHR7:2643099	SSF x Far_LoA	-9,50321496	-0,010	0,293
CHR7	2646895	CHR7:2646895	SSF x Far_LoA	-10,3430046	-0,002	0,297
CHR7	2646904	CHR7:2646904	SSF x Far_LoA	-11,5762332	0,031	0,315
CHR7	2647000	CHR7:2647000	SSF x Far_LoA	-11,219719	-0,076	0,307
CHR7	2649338	CHR7:2649338	SSF x Far_LoA	-8,00618238	0,073	0,327
CHR7	2649366	CHR7:2649366	SSF x Far_LoA	-6,95566192	-0,092	0,310
CHR7	2649376	CHR7:2649376	SSF x Far_LoA	-9,44077826	-0,015	0,316
CHR7	2652730	CHR7:2652730	SSF x Far_LoA	-10,6087281	0,014	0,304
CHR7	2652958	CHR7:2652958	SSF x Far_LoA	-9,32201327	-0,070	0,303
CHR7	2658741	CHR7:2658741	SSF x Far_LoA	-11,43907	-0,031	0,312
CHR7	2658761	CHR7:2658761	SSF x Far_LoA	-10,3127844	0,069	0,295
CHR7	2658788	CHR7:2658788	SSF x Far_LoA	-8,91441141	-0,006	0,312
CHR7	2658866	CHR7:2658866	SSF x Far_LoA	-7,91079192	0,162	0,293
CHR7	2659462	CHR7:2659462	SSF x Far_LoA	-7,39391208	0,107	0,300
CHR7	2675742	CHR7:2675742	SSF x Far_LoA	-8,39730802	0,083	0,301
CHR7	2675902	CHR7:2675902	SSF x Far_LoA	-9,74801678	-0,046	0,315
CHR7	2675909	CHR7:2675909	SSF x Far_LoA	-7,01836383	0,141	0,303
CHR7	2675912	CHR7:2675912	SSF x Far_LoA	-6,86013169	-0,145	0,298
CHR7	2675971	CHR7:2675971	SSF x Far_LoA	-9,68987387	-0,021	0,299
CHR7	2676005	CHR7:2676005	SSF x Far_LoA	-7,32107649	-0,037	0,324
CHR7	2680665	CHR7:2680665	SSF x Far_LoA	-8,78493836	0,084	0,319
CHR7	2680759	CHR7:2680759	SSF x Far_LoA	-8,07002041	-0,081	0,317
CHR7	2680769	CHR7:2680769	SSF x Far_LoA	-4,77574015	0,189	0,292
CHR7	2680778	CHR7:2680778	SSF x Far_LoA	-6,8467627	0,122	0,312
CHR7	2680804	CHR7:2680804	SSF x Far_LoA	-2,63592789	0,064	0,312
CHR7	2680808	CHR7:2680808	SSF x Far_LoA	-10,2914332	0,060	0,314
CHR7	2684936	CHR7:2684936	SSF x Far_LoA	-6,62671002	0,000	0,303
CHR7	2688156	CHR7:2688156	SSF x Far_LoA	-10,2079919	-0,047	0,312
CHR7	2688157	CHR7:2688157	SSF x Far_LoA	-8,56181424	0,011	0,311
CHR7	2707192	CHR7:2707192	SSF x Far_LoA	-7,51685849	0,181	0,278
CHR7	2712566	CHR7:2712566	SSF x Far_LoA	-8,35945714	0,087	0,300
CHR7	2715686	CHR7:2715686	SSF x Far_LoA	-5,06906924	-0,219	0,289
CHR7	2715713	CHR7:2715713	SSF x Far_LoA	-3,91721516	0,111	0,309
CHR7	2715783	CHR7:2715783	SSF x Far_LoA	-9,25008427	0,108	0,302
CHR7	2715784	CHR7:2715784	SSF x Far_LoA	-9,03710833	0,104	0,306
CHR7	2715799	CHR7:2715799	SSF x Far_LoA	-4,85918088	0,174	0,312
CHR7	2715812	CHR7:2715812	SSF x Far_LoA	-9,5782946	0,059	0,300
CHR7	2715847	CHR7:2715847	SSF x Far_LoA	-8,40032838	-0,023	0,298
CHR7	2715910	CHR7:2715910	SSF x Far_LoA	-2,3043703	-0,216	0,292
CHR7	2715919	CHR7:2715919	SSF x Far_LoA	-4,97475835	0,148	0,305

CHR7	2729427	CHR7:2729427	SSF x Far_LoA	-8,39781558	-0,057	0,305
CHR7	2729430	CHR7:2729430	SSF x Far_LoA	-9,04502177	0,074	0,300
CHR7	2729443	CHR7:2729443	SSF x Far_LoA	-10,2879977	-0,012	0,304
CHR7	2729482	CHR7:2729482	SSF x Far_LoA	-10,1383538	-0,041	0,330
CHR7	2729509	CHR7:2729509	SSF x Far_LoA	-11,480072	0,010	0,304
CHR7	2729517	CHR7:2729517	SSF x Far_LoA	-9,07943551	-0,061	0,313
CHR7	2729533	CHR7:2729533	SSF x Far_LoA	-8,61934444	-0,131	0,309
CHR7	2731842	CHR7:2731842	SSF x Far_LoA	0,55806076	0,168	0,295
CHR7	2731851	CHR7:2731851	SSF x Far_LoA	-8,79815088	0,020	0,315
CHR7	2731871	CHR7:2731871	SSF x Far_LoA	-11,5669173	0,010	0,315
CHR7	2734831	CHR7:2734831	SSF x Far_LoA	-10,3108885	0,036	0,297
CHR7	2734864	CHR7:2734864	SSF x Far_LoA	-6,18730237	-0,117	0,296
CHR7	2734986	CHR7:2734986	SSF x Far_LoA	-8,49701291	-0,067	0,314
CHR7	2740951	CHR7:2740951	SSF x Far_LoA	-9,60209638	-0,055	0,302
CHR7	2740966	CHR7:2740966	SSF x Far_LoA	-4,29994764	-0,182	0,293
CHR7	2740991	CHR7:2740991	SSF x Far_LoA	-9,27143192	0,039	0,307
CHR7	2740995	CHR7:2740995	SSF x Far_LoA	-6,90123732	0,225	0,280
CHR7	2741013	CHR7:2741013	SSF x Far_LoA	-8,15116739	0,039	0,307
CHR7	2741035	CHR7:2741035	SSF x Far_LoA	-9,36335467	0,029	0,307
CHR7	2741052	CHR7:2741052	SSF x Far_LoA	-7,78425931	0,163	0,296
CHR7	2741095	CHR7:2741095	SSF x Far_LoA	-8,78521244	-0,022	0,313
CHR7	2741098	CHR7:2741098	SSF x Far_LoA	-9,58108437	-0,012	0,304
CHR7	2741149	CHR7:2741149	SSF x Far_LoA	-8,41275144	0,083	0,297
CHR7	2741168	CHR7:2741168	SSF x Far_LoA	-7,09284037	0,233	0,298
CHR7	2741170	CHR7:2741170	SSF x Far_LoA	-1,23878967	0,271	0,284
CHR7	2741193	CHR7:2741193	SSF x Far_LoA	-6,9361753	0,218	0,292
CHR7	2773494	CHR7:2773494	SSF x Far_LoA	-6,69383413	-0,088	0,297
CHR7	2773632	CHR7:2773632	SSF x Far_LoA	-11,3757717	0,085	0,302
CHR7	2773643	CHR7:2773643	SSF x Far_LoA	-7,55501625	0,093	0,303
CHR7	2773658	CHR7:2773658	SSF x Far_LoA	-9,4931799	-0,059	0,314
CHR7	2773670	CHR7:2773670	SSF x Far_LoA	-9,7307982	0,043	0,311
CHR7	2777294	CHR7:2777294	SSF x Far_LoA	-8,49401775	0,110	0,296
CHR7	2777331	CHR7:2777331	SSF x Far_LoA	-9,03005051	-0,072	0,302
CHR7	2777387	CHR7:2777387	SSF x Far_LoA	-10,083591	0,006	0,307
CHR7	2777409	CHR7:2777409	SSF x Far_LoA	-12,0752895	-0,011	0,309
CHR7	2777415	CHR7:2777415	SSF x Far_LoA	-5,98030922	0,013	0,301
CHR7	2777421	CHR7:2777421	SSF x Far_LoA	-12,1859698	-0,003	0,304
CHR7	2777425	CHR7:2777425	SSF x Far_LoA	-11,1041353	0,006	0,311
CHR7	2785581	CHR7:2785581	SSF x Far_LoA	-9,97656354	0,074	0,310
CHR7	2786746	CHR7:2786746	SSF x Far_LoA	-9,34053858	-0,116	0,312
CHR7	2786755	CHR7:2786755	SSF x Far_LoA	-7,90323174	0,138	0,303
CHR7	2790291	CHR7:2790291	SSF x Far_LoA	-9,53396836	0,060	0,303
CHR7	2797113	CHR7:2797113	SSF x Far_LoA	-7,15578296	0,085	0,298
CHR7	2797158	CHR7:2797158	SSF x Far_LoA	-8,26628554	0,033	0,290
CHR7	2797161	CHR7:2797161	SSF x Far_LoA	-7,73573638	0,064	0,288
CHR7	2797169	CHR7:2797169	SSF x Far_LoA	-11,358486	-0,032	0,313
CHR7	2797229	CHR7:2797229	SSF x Far_LoA	-11,0443381	0,044	0,311
CHR7	2797244	CHR7:2797244	SSF x Far_LoA	-8,20039591	0,087	0,314
CHR7	2797288	CHR7:2797288	SSF x Far_LoA	-9,35722712	-0,094	0,316
CHR7	2797309	CHR7:2797309	SSF x Far_LoA	-10,8280219	-0,059	0,301
CHR7	2797335	CHR7:2797335	SSF x Far_LoA	-9,92812754	0,050	0,303
CHR7	2797338	CHR7:2797338	SSF x Far_LoA	-8,31426612	0,137	0,310
CHR7	2808241	CHR7:2808241	SSF x Far_LoA	-11,0891096	0,051	0,312

CHR7	2808243	CHR7:2808243	SSF x Far_LoA	-7,23132866	0,052	0,303
CHR7	2808256	CHR7:2808256	SSF x Far_LoA	-8,8622426	-0,086	0,300
CHR7	2808333	CHR7:2808333	SSF x Far_LoA	-10,2724068	-0,043	0,313
CHR7	2808344	CHR7:2808344	SSF x Far_LoA	-8,37772123	0,121	0,292
CHR7	2808349	CHR7:2808349	SSF x Far_LoA	-11,4579851	0,071	0,297
CHR7	2808413	CHR7:2808413	SSF x Far_LoA	-10,5703966	-0,049	0,310
CHR7	2808447	CHR7:2808447	SSF x Far_LoA	-10,0732928	-0,015	0,307
CHR7	2809305	CHR7:2809305	SSF x Far_LoA	-5,95905364	-0,172	0,313
CHR7	2809318	CHR7:2809318	SSF x Far_LoA	-9,10247304	0,148	0,307
CHR7	2809352	CHR7:2809352	SSF x Far_LoA	-9,72999486	0,030	0,319
CHR7	2809376	CHR7:2809376	SSF x Far_LoA	-8,51514356	-0,100	0,314
CHR7	2809387	CHR7:2809387	SSF x Far_LoA	-9,00074614	-0,014	0,314
CHR7	2815377	CHR7:2815377	SSF x Far_LoA	-7,15679453	-0,080	0,291
CHR7	2815393	CHR7:2815393	SSF x Far_LoA	-10,7167343	0,023	0,314
CHR7	2815468	CHR7:2815468	SSF x Far_LoA	-9,62514599	0,029	0,301
CHR7	2815529	CHR7:2815529	SSF x Far_LoA	-11,5200444	-0,040	0,299
CHR7	2815543	CHR7:2815543	SSF x Far_LoA	-7,89740285	-0,054	0,296
CHR7	2815679	CHR7:2815679	SSF x Far_LoA	-7,75495326	0,147	0,301
CHR7	2815726	CHR7:2815726	SSF x Far_LoA	-10,8066733	0,059	0,288
CHR7	2815727	CHR7:2815727	SSF x Far_LoA	-10,4737614	0,038	0,305
CHR7	2826819	CHR7:2826819	SSF x Far_LoA	-9,54560923	-0,072	0,303
CHR7	2826869	CHR7:2826869	SSF x Far_LoA	-10,2785615	-0,068	0,300
CHR7	2826908	CHR7:2826908	SSF x Far_LoA	-8,7960285	0,041	0,313
CHR7	2826912	CHR7:2826912	SSF x Far_LoA	-5,44332672	-0,064	0,316
CHR7	2826919	CHR7:2826919	SSF x Far_LoA	-8,8674798	0,065	0,316
CHR7	2826944	CHR7:2826944	SSF x Far_LoA	-9,15173717	-0,018	0,315
CHR7	2826953	CHR7:2826953	SSF x Far_LoA	-8,15737693	0,039	0,303
CHR7	2826958	CHR7:2826958	SSF x Far_LoA	-6,09026945	-0,004	0,304
CHR7	2829341	CHR7:2829341	SSF x Far_LoA	-8,42912156	-0,027	0,303
CHR7	2829342	CHR7:2829342	SSF x Far_LoA	-8,37544111	-0,065	0,310
CHR7	2829389	CHR7:2829389	SSF x Far_LoA	-9,52514782	0,062	0,297
CHR7	2829394	CHR7:2829394	SSF x Far_LoA	-7,8895483	-0,018	0,318
CHR7	2829458	CHR7:2829458	SSF x Far_LoA	-9,4523821	0,068	0,296
CHR7	2829479	CHR7:2829479	SSF x Far_LoA	-6,69346148	-0,089	0,307
CHR7	2829480	CHR7:2829480	SSF x Far_LoA	-3,97132915	-0,077	0,302
CHR7	2835781	CHR7:2835781	SSF x Far_LoA	-7,47583969	0,147	0,290
CHR7	2835831	CHR7:2835831	SSF x Far_LoA	-8,99311649	-0,046	0,313
CHR7	2835859	CHR7:2835859	SSF x Far_LoA	-7,53867363	-0,074	0,305
CHR7	2835895	CHR7:2835895	SSF x Far_LoA	-8,79606818	0,015	0,311
CHR7	2835911	CHR7:2835911	SSF x Far_LoA	-8,66419836	0,110	0,302
CHR7	2835913	CHR7:2835913	SSF x Far_LoA	-7,47146304	0,030	0,298
CHR7	2835914	CHR7:2835914	SSF x Far_LoA	-8,30577863	0,014	0,298
CHR7	2835951	CHR7:2835951	SSF x Far_LoA	-6,24076651	0,076	0,299
CHR7	2843425	CHR7:2843425	SSF x Far_LoA	-9,71825527	-0,013	0,307
CHR7	2843479	CHR7:2843479	SSF x Far_LoA	-10,3323248	-0,041	0,306
CHR7	2843489	CHR7:2843489	SSF x Far_LoA	-9,32472161	0,021	0,305
CHR7	2843515	CHR7:2843515	SSF x Far_LoA	-6,5293305	-0,157	0,288
CHR7	2843538	CHR7:2843538	SSF x Far_LoA	-10,0795527	0,085	0,299
CHR7	2843621	CHR7:2843621	SSF x Far_LoA	-11,7525163	0,033	0,303
CHR7	2850183	CHR7:2850183	SSF x Far_LoA	-8,94972443	0,020	0,324
CHR7	2850240	CHR7:2850240	SSF x Far_LoA	-11,4806379	-0,003	0,313
CHR7	2850241	CHR7:2850241	SSF x Far_LoA	-11,8430651	-0,024	0,316
CHR7	2856872	CHR7:2856872	SSF x Far_LoA	-11,1472831	-0,030	0,315

CHR7	2856878	CHR7:2856878	SSF x Far_LoA	-10,7085722	-0,010	0,304
CHR7	2856911	CHR7:2856911	SSF x Far_LoA	-10,6792212	0,040	0,318
CHR7	2856948	CHR7:2856948	SSF x Far_LoA	-9,27407532	0,036	0,315
CHR7	2856950	CHR7:2856950	SSF x Far_LoA	-10,8632552	0,013	0,311
CHR7	2856957	CHR7:2856957	SSF x Far_LoA	-6,22164268	0,095	0,299
CHR7	2856969	CHR7:2856969	SSF x Far_LoA	-8,84594421	-0,031	0,312
CHR7	2856994	CHR7:2856994	SSF x Far_LoA	-7,48062628	-0,014	0,322
CHR7	2857728	CHR7:2857728	SSF x Far_LoA	0,92683021	-0,215	0,298
CHR7	2861302	CHR7:2861302	SSF x Far_LoA	-8,78355571	0,091	0,316
CHR7	2861443	CHR7:2861443	SSF x Far_LoA	-8,03276799	-0,080	0,304
CHR7	2861475	CHR7:2861475	SSF x Far_LoA	-9,10829379	0,020	0,299
CHR7	2861477	CHR7:2861477	SSF x Far_LoA	-9,5567721	0,031	0,291
CHR7	2861502	CHR7:2861502	SSF x Far_LoA	-8,29332656	0,043	0,294
CHR7	2864979	CHR7:2864979	SSF x Far_LoA	-5,99325652	-0,101	0,301
CHR7	287328	CHR7:287328	SSF x Far_LoA	-10,1950762	0,082	0,304
CHR7	2876405	CHR7:2876405	SSF x Far_LoA	-6,46576103	-0,151	0,309
CHR7	2876407	CHR7:2876407	SSF x Far_LoA	-10,9019237	0,035	0,298
CHR7	2876412	CHR7:2876412	SSF x Far_LoA	-5,62615223	-0,150	0,303
CHR7	2876429	CHR7:2876429	SSF x Far_LoA	-9,77749006	0,007	0,297
CHR7	2876459	CHR7:2876459	SSF x Far_LoA	-8,97268545	-0,018	0,299
CHR7	2876463	CHR7:2876463	SSF x Far_LoA	-9,99821992	0,028	0,300
CHR7	2876546	CHR7:2876546	SSF x Far_LoA	-8,70702723	-0,117	0,309
CHR7	2894215	CHR7:2894215	SSF x Far_LoA	-8,4825474	0,130	0,311
CHR7	2894238	CHR7:2894238	SSF x Far_LoA	-11,6306341	0,081	0,323
CHR7	2895522	CHR7:2895522	SSF x Far_LoA	-10,4654065	-0,018	0,311
CHR7	2895594	CHR7:2895594	SSF x Far_LoA	-9,72115271	0,039	0,308
CHR7	2895649	CHR7:2895649	SSF x Far_LoA	-10,260572	-0,075	0,308
CHR7	2895659	CHR7:2895659	SSF x Far_LoA	-11,0847289	0,093	0,289
CHR7	2895735	CHR7:2895735	SSF x Far_LoA	-9,9264694	0,000	0,301
CHR7	2901061	CHR7:2901061	SSF x Far_LoA	-11,6215375	0,000	0,301
CHR7	2901157	CHR7:2901157	SSF x Far_LoA	-9,62339142	-0,149	0,307
CHR7	2906224	CHR7:2906224	SSF x Far_LoA	-8,08572446	0,014	0,308
CHR7	2911448	CHR7:2911448	SSF x Far_LoA	-9,1966184	0,110	0,298
CHR7	2911473	CHR7:2911473	SSF x Far_LoA	-8,49623571	0,132	0,291
CHR7	2911476	CHR7:2911476	SSF x Far_LoA	-10,102213	0,062	0,296
CHR7	2911533	CHR7:2911533	SSF x Far_LoA	-7,63309899	0,123	0,298
CHR7	2911539	CHR7:2911539	SSF x Far_LoA	-8,27533497	0,095	0,300
CHR7	2911563	CHR7:2911563	SSF x Far_LoA	-8,83564765	0,010	0,310
CHR7	2916167	CHR7:2916167	SSF x Far_LoA	-8,29627808	-0,119	0,304
CHR7	2916190	CHR7:2916190	SSF x Far_LoA	-8,18485412	0,087	0,309
CHR7	2916230	CHR7:2916230	SSF x Far_LoA	-7,4731303	0,034	0,296
CHR7	2916239	CHR7:2916239	SSF x Far_LoA	-8,53359186	0,054	0,291
CHR7	2916344	CHR7:2916344	SSF x Far_LoA	-7,89095366	0,073	0,297
CHR7	292107	CHR7:292107	SSF x Far_LoA	-1,48518876	0,009	0,311
CHR7	292126	CHR7:292126	SSF x Far_LoA	-6,5234622	-0,138	0,302
CHR7	292241	CHR7:292241	SSF x Far_LoA	-7,58401461	-0,123	0,305
CHR7	2928892	CHR7:2928892	SSF x Far_LoA	-9,41010863	-0,031	0,301
CHR7	2930859	CHR7:2930859	SSF x Far_LoA	-9,89877859	0,022	0,288
CHR7	2930877	CHR7:2930877	SSF x Far_LoA	-9,70647301	-0,042	0,309
CHR7	2931478	CHR7:2931478	SSF x Far_LoA	-10,5324209	0,006	0,312
CHR7	2931507	CHR7:2931507	SSF x Far_LoA	-10,4248526	0,016	0,310
CHR7	2939291	CHR7:2939291	SSF x Far_LoA	-10,0262629	0,012	0,312
CHR7	2945423	CHR7:2945423	SSF x Far_LoA	-7,80364675	-0,080	0,312

CHR7	2946709	CHR7:2946709	SSF x Far_LoA	-9,36304213	0,112	0,297
CHR7	2946802	CHR7:2946802	SSF x Far_LoA	-10,7293494	0,096	0,297
CHR7	2946863	CHR7:2946863	SSF x Far_LoA	-10,8468812	-0,133	0,311
CHR7	2948439	CHR7:2948439	SSF x Far_LoA	-8,54306989	-0,020	0,305
CHR7	2948466	CHR7:2948466	SSF x Far_LoA	-7,03845202	-0,014	0,313
CHR7	2948475	CHR7:2948475	SSF x Far_LoA	-10,0677659	-0,100	0,318
CHR7	2949681	CHR7:2949681	SSF x Far_LoA	-9,06156982	-0,094	0,302
CHR7	2950341	CHR7:2950341	SSF x Far_LoA	-8,70444115	-0,073	0,286
CHR7	2961849	CHR7:2961849	SSF x Far_LoA	-9,05828582	-0,131	0,307
CHR7	2963288	CHR7:2963288	SSF x Far_LoA	-6,23343361	0,188	0,292
CHR7	2968393	CHR7:2968393	SSF x Far_LoA	-7,4770047	0,172	0,300
CHR7	2968399	CHR7:2968399	SSF x Far_LoA	-9,99613353	-0,171	0,303
CHR7	2968420	CHR7:2968420	SSF x Far_LoA	-7,55689573	0,171	0,303
CHR7	2971671	CHR7:2971671	SSF x Far_LoA	-9,02443251	-0,069	0,314
CHR7	2971704	CHR7:2971704	SSF x Far_LoA	-9,82419392	0,010	0,292
CHR7	2971716	CHR7:2971716	SSF x Far_LoA	-9,11915141	-0,039	0,308
CHR7	2971820	CHR7:2971820	SSF x Far_LoA	-10,3308132	0,019	0,308
CHR7	2971840	CHR7:2971840	SSF x Far_LoA	-11,8849832	0,017	0,321
CHR7	2976260	CHR7:2976260	SSF x Far_LoA	-7,51586611	0,096	0,310
CHR7	2984635	CHR7:2984635	SSF x Far_LoA	-8,92967892	0,008	0,320
CHR7	2984781	CHR7:2984781	SSF x Far_LoA	-9,31499127	-0,015	0,318
CHR7	2984841	CHR7:2984841	SSF x Far_LoA	-10,578759	-0,004	0,318
CHR7	2988264	CHR7:2988264	SSF x Far_LoA	-11,8335385	0,026	0,295
CHR7	2989374	CHR7:2989374	SSF x Far_LoA	-9,82254244	0,157	0,293
CHR7	300194	CHR7:300194	SSF x Far_LoA	-10,6169379	0,066	0,304
CHR7	3002416	CHR7:3002416	SSF x Far_LoA	-8,1673758	-0,152	0,307
CHR7	3002463	CHR7:3002463	SSF x Far_LoA	1,10335646	0,194	0,281
CHR7	3002666	CHR7:3002666	SSF x Far_LoA	-2,29303817	-0,118	0,304
CHR7	302040	CHR7:302040	SSF x Far_LoA	-7,81806947	0,026	0,314
CHR7	302174	CHR7:302174	SSF x Far_LoA	-11,4834997	-0,014	0,306
CHR7	3032131	CHR7:3032131	SSF x Far_LoA	-9,61324812	-0,058	0,308
CHR7	3032223	CHR7:3032223	SSF x Far_LoA	-9,62836089	0,029	0,316
CHR7	3051525	CHR7:3051525	SSF x Far_LoA	-8,55344328	-0,060	0,306
CHR7	3051527	CHR7:3051527	SSF x Far_LoA	-11,5518831	0,076	0,302
CHR7	3051643	CHR7:3051643	SSF x Far_LoA	-10,7838893	0,068	0,301
CHR7	3051776	CHR7:3051776	SSF x Far_LoA	-10,4860355	0,076	0,313
CHR7	3051789	CHR7:3051789	SSF x Far_LoA	-9,25578513	-0,006	0,308
CHR7	3051836	CHR7:3051836	SSF x Far_LoA	-9,69493904	-0,129	0,306
CHR7	3053884	CHR7:3053884	SSF x Far_LoA	-7,83843471	-0,084	0,308
CHR7	3054084	CHR7:3054084	SSF x Far_LoA	-11,3473389	0,005	0,305
CHR7	3062437	CHR7:3062437	SSF x Far_LoA	-11,1383128	0,024	0,309
CHR7	3062489	CHR7:3062489	SSF x Far_LoA	-10,7753528	-0,040	0,308
CHR7	3062625	CHR7:3062625	SSF x Far_LoA	-10,7939349	0,042	0,320
CHR7	3062645	CHR7:3062645	SSF x Far_LoA	-8,87698437	0,001	0,304
CHR7	3063010	CHR7:3063010	SSF x Far_LoA	-9,81830001	-0,056	0,318
CHR7	3063028	CHR7:3063028	SSF x Far_LoA	-9,54977055	0,088	0,308
CHR7	3063092	CHR7:3063092	SSF x Far_LoA	-5,15373494	-0,011	0,312
CHR7	3063093	CHR7:3063093	SSF x Far_LoA	-12,1240966	0,037	0,304
CHR7	3068793	CHR7:3068793	SSF x Far_LoA	-8,71538165	-0,087	0,300
CHR7	3071457	CHR7:3071457	SSF x Far_LoA	-11,6720112	0,011	0,299
CHR7	3071521	CHR7:3071521	SSF x Far_LoA	-10,2692967	-0,084	0,299
CHR7	3071599	CHR7:3071599	SSF x Far_LoA	-9,83052295	0,070	0,300
CHR7	3071636	CHR7:3071636	SSF x Far_LoA	-9,48390234	-0,099	0,302

CHR7	3074070	CHR7:3074070	SSF x Far_LoA	-7,09969283	-0,023	0,310
CHR7	3074106	CHR7:3074106	SSF x Far_LoA	-9,43207134	-0,012	0,312
CHR7	3074214	CHR7:3074214	SSF x Far_LoA	-9,10639296	-0,119	0,304
CHR7	3074223	CHR7:3074223	SSF x Far_LoA	-7,61244398	-0,163	0,317
CHR7	3074224	CHR7:3074224	SSF x Far_LoA	-9,67808525	-0,116	0,312
CHR7	3074225	CHR7:3074225	SSF x Far_LoA	-7,14926596	0,156	0,301
CHR7	3074231	CHR7:3074231	SSF x Far_LoA	-10,3183531	-0,098	0,310
CHR7	3074245	CHR7:3074245	SSF x Far_LoA	-9,15701819	0,012	0,294
CHR7	3074252	CHR7:3074252	SSF x Far_LoA	-8,67119672	0,136	0,290
CHR7	3074289	CHR7:3074289	SSF x Far_LoA	-9,64745965	0,050	0,280
CHR7	3080928	CHR7:3080928	SSF x Far_LoA	-9,14646095	-0,105	0,306
CHR7	3080964	CHR7:3080964	SSF x Far_LoA	-8,22216943	-0,019	0,302
CHR7	3081030	CHR7:3081030	SSF x Far_LoA	-9,65366503	0,008	0,309
CHR7	3083283	CHR7:3083283	SSF x Far_LoA	-7,83173814	-0,107	0,304
CHR7	3083338	CHR7:3083338	SSF x Far_LoA	-10,5524299	0,040	0,306
CHR7	3093893	CHR7:3093893	SSF x Far_LoA	-8,00054389	-0,054	0,301
CHR7	3093976	CHR7:3093976	SSF x Far_LoA	-10,988602	-0,056	0,303
CHR7	3095743	CHR7:3095743	SSF x Far_LoA	-9,3918661	-0,036	0,303
CHR7	3095880	CHR7:3095880	SSF x Far_LoA	-7,86084655	0,059	0,289
CHR7	3095933	CHR7:3095933	SSF x Far_LoA	-9,52071012	-0,076	0,312
CHR7	3095957	CHR7:3095957	SSF x Far_LoA	-8,23968179	0,032	0,309
CHR7	309637	CHR7:309637	SSF x Far_LoA	-11,2768809	-0,105	0,309
CHR7	309655	CHR7:309655	SSF x Far_LoA	-4,71951156	-0,120	0,297
CHR7	3103081	CHR7:3103081	SSF x Far_LoA	-11,4399801	0,034	0,306
CHR7	3103120	CHR7:3103120	SSF x Far_LoA	3,71286688	0,190	0,309
CHR7	3105577	CHR7:3105577	SSF x Far_LoA	-8,77192069	-0,012	0,315
CHR7	3105637	CHR7:3105637	SSF x Far_LoA	-9,03564206	-0,023	0,319
CHR7	3105657	CHR7:3105657	SSF x Far_LoA	-10,0857517	-0,054	0,306
CHR7	3105682	CHR7:3105682	SSF x Far_LoA	-9,32222409	-0,021	0,306
CHR7	3105705	CHR7:3105705	SSF x Far_LoA	-8,64649339	-0,046	0,304
CHR7	3149896	CHR7:3149896	SSF x Far_LoA	-11,5032056	-0,036	0,307
CHR7	3149913	CHR7:3149913	SSF x Far_LoA	-7,99346135	-0,087	0,318
CHR7	3149919	CHR7:3149919	SSF x Far_LoA	-8,85423302	0,037	0,299
CHR7	3149946	CHR7:3149946	SSF x Far_LoA	-4,48239872	0,111	0,297
CHR7	3149968	CHR7:3149968	SSF x Far_LoA	-8,741609	0,012	0,311
CHR7	3149972	CHR7:3149972	SSF x Far_LoA	-9,05454751	0,013	0,318
CHR7	3149974	CHR7:3149974	SSF x Far_LoA	-8,96668691	-0,003	0,303
CHR7	3150089	CHR7:3150089	SSF x Far_LoA	-6,40149504	0,110	0,301
CHR7	3150097	CHR7:3150097	SSF x Far_LoA	-4,29067675	0,148	0,304
CHR7	3150183	CHR7:3150183	SSF x Far_LoA	-6,52567937	0,045	0,311
CHR7	3150187	CHR7:3150187	SSF x Far_LoA	-8,58627038	0,054	0,310
CHR7	3150190	CHR7:3150190	SSF x Far_LoA	-9,40028456	0,024	0,306
CHR7	3150204	CHR7:3150204	SSF x Far_LoA	-11,1948468	0,031	0,305
CHR7	3160695	CHR7:3160695	SSF x Far_LoA	-11,0905581	-0,056	0,297
CHR7	3160730	CHR7:3160730	SSF x Far_LoA	-7,8606271	-0,182	0,318
CHR7	3160907	CHR7:3160907	SSF x Far_LoA	-10,0586632	-0,027	0,308
CHR7	3169919	CHR7:3169919	SSF x Far_LoA	-10,3626363	-0,020	0,300
CHR7	3170011	CHR7:3170011	SSF x Far_LoA	-6,5686772	-0,232	0,280
CHR7	3170026	CHR7:3170026	SSF x Far_LoA	-0,12388583	-0,217	0,280
CHR7	3175213	CHR7:3175213	SSF x Far_LoA	-10,9447211	-0,078	0,308
CHR7	3175264	CHR7:3175264	SSF x Far_LoA	-7,53856266	0,129	0,306
CHR7	3175298	CHR7:3175298	SSF x Far_LoA	-11,3650996	-0,040	0,307
CHR7	3179310	CHR7:3179310	SSF x Far_LoA	-9,81208215	0,040	0,309

CHR7	3179995	CHR7:3179995	SSF x Far_LoA	-10,7180856	0,001	0,301
CHR7	3185164	CHR7:3185164	SSF x Far_LoA	-11,1401248	0,008	0,320
CHR7	3185194	CHR7:3185194	SSF x Far_LoA	-10,6137367	0,081	0,300
CHR7	3185200	CHR7:3185200	SSF x Far_LoA	-8,37824137	0,142	0,310
CHR7	3185245	CHR7:3185245	SSF x Far_LoA	-12,2242236	0,000	0,306
CHR7	3185276	CHR7:3185276	SSF x Far_LoA	-9,16895255	-0,137	0,293
CHR7	3187383	CHR7:3187383	SSF x Far_LoA	-8,23719557	0,082	0,306
CHR7	3187473	CHR7:3187473	SSF x Far_LoA	-11,4470045	-0,002	0,296
CHR7	3187491	CHR7:3187491	SSF x Far_LoA	-8,91165682	0,039	0,315
CHR7	3187503	CHR7:3187503	SSF x Far_LoA	-8,53671505	0,110	0,310
CHR7	3188080	CHR7:3188080	SSF x Far_LoA	-10,0401071	0,161	0,288
CHR7	3188081	CHR7:3188081	SSF x Far_LoA	-10,1337013	-0,108	0,312
CHR7	3188092	CHR7:3188092	SSF x Far_LoA	-8,97712064	-0,060	0,309
CHR7	3189464	CHR7:3189464	SSF x Far_LoA	-4,29503205	0,038	0,317
CHR7	3193311	CHR7:3193311	SSF x Far_LoA	-8,28628124	-0,068	0,302
CHR7	319482	CHR7:319482	SSF x Far_LoA	-11,3762245	0,073	0,304
CHR7	319520	CHR7:319520	SSF x Far_LoA	-8,78575878	-0,014	0,304
CHR7	319678	CHR7:319678	SSF x Far_LoA	6,86899817	-0,032	0,296
CHR7	3206032	CHR7:3206032	SSF x Far_LoA	-8,34992173	-0,009	0,303
CHR7	3206063	CHR7:3206063	SSF x Far_LoA	-10,8044064	0,033	0,298
CHR7	3206103	CHR7:3206103	SSF x Far_LoA	-9,77375856	0,053	0,305
CHR7	3211747	CHR7:3211747	SSF x Far_LoA	-8,27356275	0,121	0,283
CHR7	3211811	CHR7:3211811	SSF x Far_LoA	-5,11945586	-0,067	0,312
CHR7	3212994	CHR7:3212994	SSF x Far_LoA	-12,0203637	-0,015	0,299
CHR7	3213004	CHR7:3213004	SSF x Far_LoA	-10,7213284	-0,093	0,296
CHR7	3213251	CHR7:3213251	SSF x Far_LoA	-10,0031325	0,021	0,320
CHR7	321457	CHR7:321457	SSF x Far_LoA	-7,27759371	-0,078	0,320
CHR7	321505	CHR7:321505	SSF x Far_LoA	-11,0047956	-0,085	0,296
CHR7	3225925	CHR7:3225925	SSF x Far_LoA	-6,1832917	0,139	0,295
CHR7	3225998	CHR7:3225998	SSF x Far_LoA	-9,23882038	0,010	0,309
CHR7	3226036	CHR7:3226036	SSF x Far_LoA	-8,19703636	-0,102	0,301
CHR7	3226037	CHR7:3226037	SSF x Far_LoA	-10,2894345	0,027	0,317
CHR7	3231054	CHR7:3231054	SSF x Far_LoA	-3,51091766	0,211	0,299
CHR7	3231055	CHR7:3231055	SSF x Far_LoA	-11,5921693	0,037	0,305
CHR7	3231182	CHR7:3231182	SSF x Far_LoA	-6,56007043	0,137	0,310
CHR7	3231774	CHR7:3231774	SSF x Far_LoA	1,80765453	0,158	0,297
CHR7	3231791	CHR7:3231791	SSF x Far_LoA	-10,0090457	-0,019	0,300
CHR7	3234830	CHR7:3234830	SSF x Far_LoA	-11,8841598	0,063	0,301
CHR7	3234865	CHR7:3234865	SSF x Far_LoA	-10,1801554	0,135	0,294
CHR7	3234899	CHR7:3234899	SSF x Far_LoA	-10,603686	0,042	0,314
CHR7	3234904	CHR7:3234904	SSF x Far_LoA	-11,7047892	-0,027	0,312
CHR7	3234906	CHR7:3234906	SSF x Far_LoA	-11,8278886	-0,042	0,313
CHR7	3235007	CHR7:3235007	SSF x Far_LoA	-9,83225104	-0,152	0,297
CHR7	3235049	CHR7:3235049	SSF x Far_LoA	-7,95535045	-0,042	0,303
CHR7	3235074	CHR7:3235074	SSF x Far_LoA	-9,17793753	-0,062	0,304
CHR7	3235076	CHR7:3235076	SSF x Far_LoA	-8,57125123	-0,057	0,308
CHR7	3235083	CHR7:3235083	SSF x Far_LoA	-9,97852047	-0,068	0,307
CHR7	3238951	CHR7:3238951	SSF x Far_LoA	-10,9096161	0,010	0,312
CHR7	3238953	CHR7:3238953	SSF x Far_LoA	-10,540909	0,086	0,300
CHR7	3238964	CHR7:3238964	SSF x Far_LoA	-10,7287849	-0,013	0,303
CHR7	3239093	CHR7:3239093	SSF x Far_LoA	-0,54060909	-0,046	0,314
CHR7	3239094	CHR7:3239094	SSF x Far_LoA	-8,77170073	-0,071	0,309
CHR7	3239129	CHR7:3239129	SSF x Far_LoA	-8,50946646	-0,101	0,304

CHR7	324267	CHR7:324267	SSF x Far_LoA	-11,8988677	-0,051	0,307
CHR7	3247070	CHR7:3247070	SSF x Far_LoA	-6,79478404	0,117	0,296
CHR7	3249216	CHR7:3249216	SSF x Far_LoA	-7,33521154	0,047	0,311
CHR7	3249225	CHR7:3249225	SSF x Far_LoA	-9,79468653	0,002	0,309
CHR7	324925	CHR7:324925	SSF x Far_LoA	-9,61119533	-0,063	0,309
CHR7	325012	CHR7:325012	SSF x Far_LoA	-6,65925979	-0,049	0,315
CHR7	325015	CHR7:325015	SSF x Far_LoA	-11,1197187	-0,013	0,295
CHR7	3255693	CHR7:3255693	SSF x Far_LoA	-7,7762691	-0,153	0,305
CHR7	3255736	CHR7:3255736	SSF x Far_LoA	-10,2571416	-0,024	0,301
CHR7	3258668	CHR7:3258668	SSF x Far_LoA	-9,20964378	0,082	0,303
CHR7	3261743	CHR7:3261743	SSF x Far_LoA	-12,3817815	-0,072	0,310
CHR7	327606	CHR7:327606	SSF x Far_LoA	-9,64536356	0,076	0,299
CHR7	329221	CHR7:329221	SSF x Far_LoA	-11,6741428	0,077	0,307
CHR7	329239	CHR7:329239	SSF x Far_LoA	-7,89490111	-0,006	0,318
CHR7	329419	CHR7:329419	SSF x Far_LoA	-8,64312388	-0,074	0,301
CHR7	3298286	CHR7:3298286	SSF x Far_LoA	-9,52949573	-0,028	0,309
CHR7	3314544	CHR7:3314544	SSF x Far_LoA	-3,29349481	0,130	0,289
CHR7	3314597	CHR7:3314597	SSF x Far_LoA	-9,18340013	0,008	0,311
CHR7	3314598	CHR7:3314598	SSF x Far_LoA	-10,5848342	-0,032	0,307
CHR7	3331159	CHR7:3331159	SSF x Far_LoA	-11,343203	0,001	0,304
CHR7	3331227	CHR7:3331227	SSF x Far_LoA	-9,26945643	-0,035	0,298
CHR7	3331339	CHR7:3331339	SSF x Far_LoA	-9,25680828	0,073	0,307
CHR7	3331390	CHR7:3331390	SSF x Far_LoA	-11,4631977	-0,022	0,311
CHR7	3331391	CHR7:3331391	SSF x Far_LoA	-11,8834889	0,002	0,294
CHR7	3338039	CHR7:3338039	SSF x Far_LoA	-10,8155264	0,040	0,302
CHR7	3338119	CHR7:3338119	SSF x Far_LoA	-8,46497196	0,041	0,321
CHR7	3338294	CHR7:3338294	SSF x Far_LoA	-9,93786958	-0,016	0,299
CHR7	3338304	CHR7:3338304	SSF x Far_LoA	-10,6260335	0,042	0,292
CHR7	3341468	CHR7:3341468	SSF x Far_LoA	-8,36438033	0,045	0,318
CHR7	3341574	CHR7:3341574	SSF x Far_LoA	-10,1210731	-0,031	0,293
CHR7	3341878	CHR7:3341878	SSF x Far_LoA	-6,57456789	0,135	0,311
CHR7	3341889	CHR7:3341889	SSF x Far_LoA	-7,78702051	0,132	0,307
CHR7	3341893	CHR7:3341893	SSF x Far_LoA	-6,80673145	0,159	0,309
CHR7	3341915	CHR7:3341915	SSF x Far_LoA	-9,8015354	0,150	0,295
CHR7	3341928	CHR7:3341928	SSF x Far_LoA	-6,2034871	-0,191	0,297
CHR7	3341934	CHR7:3341934	SSF x Far_LoA	-7,95977512	-0,177	0,310
CHR7	3348650	CHR7:3348650	SSF x Far_LoA	-10,9074314	-0,019	0,312
CHR7	3348656	CHR7:3348656	SSF x Far_LoA	-6,83364475	-0,115	0,307
CHR7	3348667	CHR7:3348667	SSF x Far_LoA	-10,9504608	0,111	0,297
CHR7	3348672	CHR7:3348672	SSF x Far_LoA	-4,82352109	0,069	0,311
CHR7	3351225	CHR7:3351225	SSF x Far_LoA	-11,7095032	0,002	0,306
CHR7	3351258	CHR7:3351258	SSF x Far_LoA	-11,0695729	-0,007	0,302
CHR7	3351404	CHR7:3351404	SSF x Far_LoA	-11,5100809	0,012	0,311
CHR7	3351427	CHR7:3351427	SSF x Far_LoA	-9,10153805	-0,028	0,312
CHR7	3351437	CHR7:3351437	SSF x Far_LoA	-8,1541417	0,019	0,308
CHR7	3353813	CHR7:3353813	SSF x Far_LoA	-9,62250776	-0,034	0,295
CHR7	3353819	CHR7:3353819	SSF x Far_LoA	-8,85257329	-0,048	0,309
CHR7	3353826	CHR7:3353826	SSF x Far_LoA	-9,94110124	-0,032	0,299
CHR7	3353864	CHR7:3353864	SSF x Far_LoA	-11,507642	0,070	0,298
CHR7	3369627	CHR7:3369627	SSF x Far_LoA	-10,9881579	0,052	0,312
CHR7	3369631	CHR7:3369631	SSF x Far_LoA	-8,18458341	-0,122	0,310
CHR7	3369632	CHR7:3369632	SSF x Far_LoA	-4,54452022	-0,175	0,295
CHR7	3369645	CHR7:3369645	SSF x Far_LoA	-8,53637677	0,113	0,299

CHR7	3369768	CHR7:3369768	SSF x Far_LoA	-9,01607642	0,022	0,321
CHR7	3369782	CHR7:3369782	SSF x Far_LoA	-9,18719287	0,034	0,299
CHR7	3369786	CHR7:3369786	SSF x Far_LoA	-10,1420356	0,043	0,288
CHR7	337078	CHR7:337078	SSF x Far_LoA	-10,896648	0,018	0,312
CHR7	337159	CHR7:337159	SSF x Far_LoA	-7,96306481	-0,148	0,291
CHR7	3375743	CHR7:3375743	SSF x Far_LoA	-10,5704095	0,018	0,298
CHR7	3375881	CHR7:3375881	SSF x Far_LoA	-10,4469972	-0,099	0,301
CHR7	3381017	CHR7:3381017	SSF x Far_LoA	-8,00537858	-0,068	0,290
CHR7	3381020	CHR7:3381020	SSF x Far_LoA	-8,04848861	-0,007	0,298
CHR7	3381051	CHR7:3381051	SSF x Far_LoA	-11,2192535	-0,025	0,319
CHR7	3381168	CHR7:3381168	SSF x Far_LoA	-11,1514312	-0,060	0,304
CHR7	3383775	CHR7:3383775	SSF x Far_LoA	-7,84061522	0,114	0,307
CHR7	3383779	CHR7:3383779	SSF x Far_LoA	-9,00780765	0,133	0,291
CHR7	3383838	CHR7:3383838	SSF x Far_LoA	-7,34011642	-0,137	0,303
CHR7	3383880	CHR7:3383880	SSF x Far_LoA	-10,0051926	-0,094	0,289
CHR7	3383886	CHR7:3383886	SSF x Far_LoA	-8,40065051	0,009	0,303
CHR7	3387822	CHR7:3387822	SSF x Far_LoA	-10,8383446	-0,026	0,296
CHR7	3387881	CHR7:3387881	SSF x Far_LoA	-8,91927329	-0,094	0,306
CHR7	3402337	CHR7:3402337	SSF x Far_LoA	-11,5823146	-0,022	0,303
CHR7	3402427	CHR7:3402427	SSF x Far_LoA	-9,91064202	-0,107	0,306
CHR7	3402656	CHR7:3402656	SSF x Far_LoA	-9,91336746	0,070	0,309
CHR7	3402685	CHR7:3402685	SSF x Far_LoA	-10,6755648	0,061	0,305
CHR7	3405801	CHR7:3405801	SSF x Far_LoA	-6,49138192	-0,056	0,320
CHR7	3405818	CHR7:3405818	SSF x Far_LoA	-10,0780567	0,080	0,302
CHR7	3405863	CHR7:3405863	SSF x Far_LoA	-9,47363758	-0,008	0,308
CHR7	341800	CHR7:341800	SSF x Far_LoA	-9,83403694	0,051	0,309
CHR7	341825	CHR7:341825	SSF x Far_LoA	-7,17374562	0,088	0,300
CHR7	341854	CHR7:341854	SSF x Far_LoA	-10,2048691	0,044	0,299
CHR7	3419411	CHR7:3419411	SSF x Far_LoA	-8,71964126	-0,143	0,295
CHR7	3419440	CHR7:3419440	SSF x Far_LoA	-7,8437373	0,051	0,317
CHR7	3419444	CHR7:3419444	SSF x Far_LoA	-8,38070976	0,082	0,317
CHR7	3419467	CHR7:3419467	SSF x Far_LoA	-7,11298548	0,102	0,310
CHR7	3419517	CHR7:3419517	SSF x Far_LoA	-6,57600062	0,020	0,312
CHR7	3419591	CHR7:3419591	SSF x Far_LoA	-11,3659922	0,088	0,306
CHR7	3419596	CHR7:3419596	SSF x Far_LoA	-8,36950824	0,102	0,310
CHR7	3423387	CHR7:3423387	SSF x Far_LoA	-9,86301775	-0,097	0,306
CHR7	3423395	CHR7:3423395	SSF x Far_LoA	-8,20769801	0,012	0,320
CHR7	3424111	CHR7:3424111	SSF x Far_LoA	-9,91731509	0,002	0,301
CHR7	3424140	CHR7:3424140	SSF x Far_LoA	-8,71372616	0,063	0,316
CHR7	3424144	CHR7:3424144	SSF x Far_LoA	-7,45214332	0,084	0,297
CHR7	3424161	CHR7:3424161	SSF x Far_LoA	-10,8756562	0,086	0,302
CHR7	3430908	CHR7:3430908	SSF x Far_LoA	-9,36227512	0,033	0,318
CHR7	3430938	CHR7:3430938	SSF x Far_LoA	-9,25548957	0,036	0,312
CHR7	3430995	CHR7:3430995	SSF x Far_LoA	-8,42086256	0,055	0,299
CHR7	3440012	CHR7:3440012	SSF x Far_LoA	-10,0807883	0,085	0,305
CHR7	3444770	CHR7:3444770	SSF x Far_LoA	-8,05141267	0,045	0,295
CHR7	3444788	CHR7:3444788	SSF x Far_LoA	-8,47503193	0,068	0,297
CHR7	3462297	CHR7:3462297	SSF x Far_LoA	-10,3187423	0,020	0,305
CHR7	3467767	CHR7:3467767	SSF x Far_LoA	-9,62896964	0,106	0,318
CHR7	3476954	CHR7:3476954	SSF x Far_LoA	-5,84716191	0,093	0,293
CHR7	3476990	CHR7:3476990	SSF x Far_LoA	-4,33352125	0,028	0,310
CHR7	3477093	CHR7:3477093	SSF x Far_LoA	-8,67928612	-0,076	0,300
CHR7	348936	CHR7:348936	SSF x Far_LoA	-4,75689365	-0,047	0,300

CHR7	349100	CHR7:349100	SSF x Far_LoA	-9,42786952	-0,105	0,304
CHR7	3493723	CHR7:3493723	SSF x Far_LoA	-6,02459657	0,064	0,303
CHR7	3493749	CHR7:3493749	SSF x Far_LoA	-7,76341591	0,018	0,311
CHR7	3495517	CHR7:3495517	SSF x Far_LoA	-9,96605021	-0,072	0,312
CHR7	3495532	CHR7:3495532	SSF x Far_LoA	-8,61334514	-0,003	0,307
CHR7	3495538	CHR7:3495538	SSF x Far_LoA	-9,09183176	-0,008	0,297
CHR7	3495556	CHR7:3495556	SSF x Far_LoA	-9,44940135	-0,079	0,299
CHR7	3495592	CHR7:3495592	SSF x Far_LoA	-9,48597319	0,015	0,301
CHR7	3495610	CHR7:3495610	SSF x Far_LoA	-9,22672737	0,016	0,313
CHR7	3498545	CHR7:3498545	SSF x Far_LoA	-9,21727889	-0,063	0,291
CHR7	3499932	CHR7:3499932	SSF x Far_LoA	-8,41615498	-0,131	0,310
CHR7	3499953	CHR7:3499953	SSF x Far_LoA	-10,5818775	-0,019	0,308
CHR7	350045	CHR7:350045	SSF x Far_LoA	-11,8125654	0,076	0,296
CHR7	350121	CHR7:350121	SSF x Far_LoA	-8,10773345	0,057	0,293
CHR7	3502897	CHR7:3502897	SSF x Far_LoA	-9,47179117	-0,058	0,292
CHR7	3502900	CHR7:3502900	SSF x Far_LoA	-6,94324318	-0,167	0,295
CHR7	3510155	CHR7:3510155	SSF x Far_LoA	-10,9489791	-0,014	0,302
CHR7	3518024	CHR7:3518024	SSF x Far_LoA	-11,0442298	-0,112	0,310
CHR7	3522216	CHR7:3522216	SSF x Far_LoA	-9,82490928	-0,065	0,314
CHR7	3522244	CHR7:3522244	SSF x Far_LoA	-10,2982442	0,063	0,293
CHR7	3522294	CHR7:3522294	SSF x Far_LoA	-11,1119613	-0,022	0,310
CHR7	3522298	CHR7:3522298	SSF x Far_LoA	-8,49145774	-0,059	0,315
CHR7	3522308	CHR7:3522308	SSF x Far_LoA	-11,5437198	0,022	0,284
CHR7	3522417	CHR7:3522417	SSF x Far_LoA	-10,7493015	0,158	0,298
CHR7	3524647	CHR7:3524647	SSF x Far_LoA	-8,71275913	0,040	0,305
CHR7	3525821	CHR7:3525821	SSF x Far_LoA	-9,32173977	-0,027	0,298
CHR7	3525899	CHR7:3525899	SSF x Far_LoA	-10,5180842	-0,026	0,312
CHR7	3528271	CHR7:3528271	SSF x Far_LoA	-10,3013267	0,031	0,319
CHR7	3528298	CHR7:3528298	SSF x Far_LoA	-7,82889541	-0,136	0,287
CHR7	3528301	CHR7:3528301	SSF x Far_LoA	-9,5951227	0,025	0,311
CHR7	3537555	CHR7:3537555	SSF x Far_LoA	-7,50642514	0,004	0,309
CHR7	3537568	CHR7:3537568	SSF x Far_LoA	-11,6539997	0,051	0,313
CHR7	3537590	CHR7:3537590	SSF x Far_LoA	-10,3841305	-0,015	0,325
CHR7	3537634	CHR7:3537634	SSF x Far_LoA	-10,7957374	-0,039	0,318
CHR7	3537673	CHR7:3537673	SSF x Far_LoA	-11,2450173	-0,070	0,298
CHR7	3573501	CHR7:3573501	SSF x Far_LoA	-5,64922513	-0,053	0,323
CHR7	3573510	CHR7:3573510	SSF x Far_LoA	-8,92316089	-0,016	0,314
CHR7	3573529	CHR7:3573529	SSF x Far_LoA	-7,70359961	0,025	0,321
CHR7	3573557	CHR7:3573557	SSF x Far_LoA	-7,23372946	0,052	0,321
CHR7	3577868	CHR7:3577868	SSF x Far_LoA	-7,0484424	-0,012	0,319
CHR7	3579199	CHR7:3579199	SSF x Far_LoA	-10,0964753	-0,089	0,311
CHR7	3579344	CHR7:3579344	SSF x Far_LoA	-9,01251742	-0,063	0,303
CHR7	3582063	CHR7:3582063	SSF x Far_LoA	-8,51028895	-0,054	0,314
CHR7	3582099	CHR7:3582099	SSF x Far_LoA	-9,54086509	-0,032	0,308
CHR7	3582120	CHR7:3582120	SSF x Far_LoA	-8,52680971	-0,013	0,322
CHR7	3582138	CHR7:3582138	SSF x Far_LoA	-9,11060309	-0,004	0,313
CHR7	3582384	CHR7:3582384	SSF x Far_LoA	-8,56781691	0,009	0,308
CHR7	3589646	CHR7:3589646	SSF x Far_LoA	-5,8089956	0,146	0,305
CHR7	3593700	CHR7:3593700	SSF x Far_LoA	-8,00725585	0,107	0,302
CHR7	3598128	CHR7:3598128	SSF x Far_LoA	-11,6144781	0,086	0,302
CHR7	3605405	CHR7:3605405	SSF x Far_LoA	-9,86104182	-0,032	0,317
CHR7	3605485	CHR7:3605485	SSF x Far_LoA	-8,71908945	0,046	0,309
CHR7	3605509	CHR7:3605509	SSF x Far_LoA	-10,9379606	0,028	0,316

CHR7	3605516	CHR7:3605516	SSF x Far_LoA	-10,683781	-0,021	0,319
CHR7	3607218	CHR7:3607218	SSF x Far_LoA	-9,59964282	0,125	0,300
CHR7	3607227	CHR7:3607227	SSF x Far_LoA	-5,07747736	-0,148	0,312
CHR7	3607264	CHR7:3607264	SSF x Far_LoA	-10,0279213	-0,036	0,318
CHR7	3607313	CHR7:3607313	SSF x Far_LoA	-9,65491476	0,014	0,317
CHR7	3608367	CHR7:3608367	SSF x Far_LoA	-9,50146042	0,087	0,304
CHR7	3608398	CHR7:3608398	SSF x Far_LoA	-3,36048214	-0,064	0,316
CHR7	3608560	CHR7:3608560	SSF x Far_LoA	-2,43599146	0,205	0,296
CHR7	3614599	CHR7:3614599	SSF x Far_LoA	-7,01730045	0,161	0,304
CHR7	3617403	CHR7:3617403	SSF x Far_LoA	-11,3098301	0,049	0,313
CHR7	3617405	CHR7:3617405	SSF x Far_LoA	-10,729496	0,072	0,284
CHR7	3627698	CHR7:3627698	SSF x Far_LoA	-8,21929607	0,029	0,313
CHR7	3641273	CHR7:3641273	SSF x Far_LoA	-6,8224535	-0,133	0,303
CHR7	3653006	CHR7:3653006	SSF x Far_LoA	-9,90281618	-0,019	0,307
CHR7	3659225	CHR7:3659225	SSF x Far_LoA	-9,83661715	-0,072	0,311
CHR7	3659243	CHR7:3659243	SSF x Far_LoA	-7,78713951	-0,064	0,311
CHR7	3665494	CHR7:3665494	SSF x Far_LoA	-7,56889844	0,051	0,315
CHR7	3667996	CHR7:3667996	SSF x Far_LoA	-8,6435637	-0,098	0,291
CHR7	3668041	CHR7:3668041	SSF x Far_LoA	-4,97737778	0,047	0,306
CHR7	3668089	CHR7:3668089	SSF x Far_LoA	-9,74772386	-0,025	0,305
CHR7	3675669	CHR7:3675669	SSF x Far_LoA	-10,1411819	0,065	0,295
CHR7	3675698	CHR7:3675698	SSF x Far_LoA	-10,1825524	0,031	0,321
CHR7	3675730	CHR7:3675730	SSF x Far_LoA	-9,2120973	0,022	0,302
CHR7	3675750	CHR7:3675750	SSF x Far_LoA	-8,99740277	0,044	0,307
CHR7	3675966	CHR7:3675966	SSF x Far_LoA	-6,78780414	0,140	0,309
CHR7	3675985	CHR7:3675985	SSF x Far_LoA	-8,99825005	0,049	0,309
CHR7	3675993	CHR7:3675993	SSF x Far_LoA	6,00451063	-0,122	0,303
CHR7	3676014	CHR7:3676014	SSF x Far_LoA	-9,65313088	0,069	0,309
CHR7	3681146	CHR7:3681146	SSF x Far_LoA	-8,35135327	-0,168	0,299
CHR7	3681277	CHR7:3681277	SSF x Far_LoA	-11,1410874	0,031	0,308
CHR7	3682451	CHR7:3682451	SSF x Far_LoA	-12,4363729	0,012	0,302
CHR7	3682501	CHR7:3682501	SSF x Far_LoA	-6,95039455	-0,004	0,324
CHR7	3684576	CHR7:3684576	SSF x Far_LoA	-9,73767501	-0,030	0,287
CHR7	3687265	CHR7:3687265	SSF x Far_LoA	-10,8145341	-0,020	0,296
CHR7	3687312	CHR7:3687312	SSF x Far_LoA	-10,7097869	-0,016	0,307
CHR7	3687502	CHR7:3687502	SSF x Far_LoA	-8,59962331	0,004	0,307
CHR7	3690730	CHR7:3690730	SSF x Far_LoA	-4,78899903	0,025	0,312
CHR7	3707084	CHR7:3707084	SSF x Far_LoA	-9,3290623	0,016	0,322
CHR7	3707093	CHR7:3707093	SSF x Far_LoA	-9,66801815	0,025	0,320
CHR7	3707101	CHR7:3707101	SSF x Far_LoA	-9,59766328	0,038	0,311
CHR7	3708373	CHR7:3708373	SSF x Far_LoA	-10,5446258	-0,049	0,314
CHR7	3715537	CHR7:3715537	SSF x Far_LoA	-7,34528663	-0,085	0,287
CHR7	3718228	CHR7:3718228	SSF x Far_LoA	-10,2056066	0,029	0,314
CHR7	3718234	CHR7:3718234	SSF x Far_LoA	-9,14557253	-0,016	0,302
CHR7	3718237	CHR7:3718237	SSF x Far_LoA	-9,46094093	-0,050	0,301
CHR7	3718252	CHR7:3718252	SSF x Far_LoA	-12,457232	-0,027	0,290
CHR7	3719158	CHR7:3719158	SSF x Far_LoA	-7,14579983	-0,088	0,290
CHR7	3721044	CHR7:3721044	SSF x Far_LoA	-9,84274467	-0,100	0,316
CHR7	3721337	CHR7:3721337	SSF x Far_LoA	-6,18659778	-0,025	0,308
CHR7	3721359	CHR7:3721359	SSF x Far_LoA	-7,71845581	-0,035	0,309
CHR7	3726727	CHR7:3726727	SSF x Far_LoA	-8,77012413	-0,133	0,297
CHR7	3740301	CHR7:3740301	SSF x Far_LoA	-10,3330285	-0,084	0,302
CHR7	3740318	CHR7:3740318	SSF x Far_LoA	-5,93683035	0,143	0,307

CHR7	3740323	CHR7:3740323	SSF x Far_LoA	-2,2077385	0,044	0,312
CHR7	3740363	CHR7:3740363	SSF x Far_LoA	-7,47802537	0,095	0,319
CHR7	3740485	CHR7:3740485	SSF x Far_LoA	-10,9743619	0,020	0,308
CHR7	3740496	CHR7:3740496	SSF x Far_LoA	-8,94980611	0,159	0,311
CHR7	3742284	CHR7:3742284	SSF x Far_LoA	-9,31774501	-0,029	0,305
CHR7	3742362	CHR7:3742362	SSF x Far_LoA	-9,69034145	-0,055	0,305
CHR7	3742377	CHR7:3742377	SSF x Far_LoA	-8,33030035	0,012	0,315
CHR7	3743758	CHR7:3743758	SSF x Far_LoA	-10,3367164	0,072	0,294
CHR7	3743808	CHR7:3743808	SSF x Far_LoA	-10,0050295	0,062	0,312
CHR7	3759423	CHR7:3759423	SSF x Far_LoA	-9,02276468	0,040	0,325
CHR7	3761048	CHR7:3761048	SSF x Far_LoA	-6,58897494	0,157	0,300
CHR7	3768049	CHR7:3768049	SSF x Far_LoA	-10,9638454	-0,053	0,306
CHR7	3781354	CHR7:3781354	SSF x Far_LoA	-8,0963369	0,018	0,300
CHR7	3781370	CHR7:3781370	SSF x Far_LoA	-7,84772567	0,049	0,302
CHR7	3781618	CHR7:3781618	SSF x Far_LoA	-9,45224645	0,050	0,307
CHR7	3781691	CHR7:3781691	SSF x Far_LoA	-9,7899112	0,012	0,309
CHR7	378685	CHR7:378685	SSF x Far_LoA	-10,2740953	0,102	0,302
CHR7	3786962	CHR7:3786962	SSF x Far_LoA	-7,6513123	-0,158	0,306
CHR7	3786995	CHR7:3786995	SSF x Far_LoA	-9,70872757	-0,165	0,309
CHR7	3787005	CHR7:3787005	SSF x Far_LoA	-10,8511069	0,084	0,313
CHR7	3787108	CHR7:3787108	SSF x Far_LoA	-8,90991773	-0,063	0,307
CHR7	3787109	CHR7:3787109	SSF x Far_LoA	-6,48211307	0,022	0,314
CHR7	3787123	CHR7:3787123	SSF x Far_LoA	-10,7457685	-0,051	0,324
CHR7	3787137	CHR7:3787137	SSF x Far_LoA	-10,9761634	-0,007	0,302
CHR7	3787163	CHR7:3787163	SSF x Far_LoA	-4,77547582	0,133	0,301
CHR7	3787186	CHR7:3787186	SSF x Far_LoA	-12,0259844	-0,057	0,308
CHR7	378726	CHR7:378726	SSF x Far_LoA	-10,3312966	0,033	0,304
CHR7	378809	CHR7:378809	SSF x Far_LoA	-6,37716062	-0,081	0,301
CHR7	3799727	CHR7:3799727	SSF x Far_LoA	-6,72812542	-0,070	0,312
CHR7	3799878	CHR7:3799878	SSF x Far_LoA	-10,7420466	-0,059	0,304
CHR7	3799929	CHR7:3799929	SSF x Far_LoA	-9,8137968	-0,075	0,296
CHR7	3801595	CHR7:3801595	SSF x Far_LoA	-8,23079514	0,135	0,312
CHR7	3801623	CHR7:3801623	SSF x Far_LoA	-8,60879567	-0,006	0,317
CHR7	3801624	CHR7:3801624	SSF x Far_LoA	-9,90013689	-0,084	0,307
CHR7	3801670	CHR7:3801670	SSF x Far_LoA	-9,85648482	0,088	0,301
CHR7	3801677	CHR7:3801677	SSF x Far_LoA	-11,4184147	0,046	0,299
CHR7	3801741	CHR7:3801741	SSF x Far_LoA	-9,76108818	-0,049	0,323
CHR7	3801790	CHR7:3801790	SSF x Far_LoA	-10,673571	-0,062	0,311
CHR7	3801813	CHR7:3801813	SSF x Far_LoA	-8,04024579	-0,132	0,294
CHR7	3801846	CHR7:3801846	SSF x Far_LoA	-9,1298855	-0,032	0,300
CHR7	3801857	CHR7:3801857	SSF x Far_LoA	-10,3290621	-0,060	0,297
CHR7	3823284	CHR7:3823284	SSF x Far_LoA	-12,1203992	-0,003	0,308
CHR7	3823295	CHR7:3823295	SSF x Far_LoA	-11,1766947	-0,005	0,323
CHR7	383536	CHR7:383536	SSF x Far_LoA	-11,412829	0,060	0,307
CHR7	3835439	CHR7:3835439	SSF x Far_LoA	-7,43390369	0,188	0,296
CHR7	3835447	CHR7:3835447	SSF x Far_LoA	-9,66687441	0,010	0,307
CHR7	3835486	CHR7:3835486	SSF x Far_LoA	-8,47768909	-0,105	0,290
CHR7	3835487	CHR7:3835487	SSF x Far_LoA	-8,24715655	-0,021	0,308
CHR7	3835552	CHR7:3835552	SSF x Far_LoA	-9,76687471	0,057	0,313
CHR7	3835566	CHR7:3835566	SSF x Far_LoA	-10,7251885	-0,057	0,303
CHR7	3835580	CHR7:3835580	SSF x Far_LoA	-10,144213	-0,039	0,310
CHR7	3835593	CHR7:3835593	SSF x Far_LoA	-10,5880079	-0,010	0,329
CHR7	3835601	CHR7:3835601	SSF x Far_LoA	-11,2119667	-0,033	0,309

CHR7	3835602	CHR7:3835602	SSF x Far_LoA	-11,198214	-0,062	0,318
CHR7	3846687	CHR7:3846687	SSF x Far_LoA	-6,05220512	-0,137	0,322
CHR7	3846689	CHR7:3846689	SSF x Far_LoA	-11,3849141	0,041	0,302
CHR7	3846732	CHR7:3846732	SSF x Far_LoA	-10,6924906	-0,021	0,303
CHR7	3846746	CHR7:3846746	SSF x Far_LoA	-8,85410867	-0,107	0,315
CHR7	3846776	CHR7:3846776	SSF x Far_LoA	-8,23548411	-0,027	0,314
CHR7	3846794	CHR7:3846794	SSF x Far_LoA	-9,96430067	0,003	0,316
CHR7	3846809	CHR7:3846809	SSF x Far_LoA	-9,00103978	0,022	0,307
CHR7	3846868	CHR7:3846868	SSF x Far_LoA	-5,0419816	-0,001	0,309
CHR7	3846928	CHR7:3846928	SSF x Far_LoA	-10,6255784	-0,011	0,305
CHR7	3851272	CHR7:3851272	SSF x Far_LoA	-11,4286001	0,058	0,306
CHR7	3851287	CHR7:3851287	SSF x Far_LoA	-10,9011319	-0,036	0,291
CHR7	3851293	CHR7:3851293	SSF x Far_LoA	-9,86364442	0,035	0,299
CHR7	3851306	CHR7:3851306	SSF x Far_LoA	-10,0677445	-0,059	0,301
CHR7	3851332	CHR7:3851332	SSF x Far_LoA	-8,56186192	0,079	0,317
CHR7	3851337	CHR7:3851337	SSF x Far_LoA	-9,9814704	-0,027	0,301
CHR7	3851363	CHR7:3851363	SSF x Far_LoA	-6,14723002	-0,070	0,305
CHR7	3851428	CHR7:3851428	SSF x Far_LoA	-9,01115083	0,086	0,293
CHR7	3851433	CHR7:3851433	SSF x Far_LoA	-11,8031891	0,041	0,301
CHR7	3851439	CHR7:3851439	SSF x Far_LoA	-11,8998324	0,045	0,317
CHR7	3851458	CHR7:3851458	SSF x Far_LoA	-10,0881631	0,018	0,308
CHR7	3851494	CHR7:3851494	SSF x Far_LoA	-10,0451261	-0,060	0,313
CHR7	3854978	CHR7:3854978	SSF x Far_LoA	-11,6076896	-0,089	0,295
CHR7	3854987	CHR7:3854987	SSF x Far_LoA	-9,50599187	0,039	0,305
CHR7	3854995	CHR7:3854995	SSF x Far_LoA	-9,52556388	-0,038	0,302
CHR7	3854997	CHR7:3854997	SSF x Far_LoA	-10,1006894	-0,057	0,309
CHR7	3854998	CHR7:3854998	SSF x Far_LoA	-10,500506	0,084	0,299
CHR7	3855035	CHR7:3855035	SSF x Far_LoA	-8,69404377	-0,045	0,300
CHR7	3855097	CHR7:3855097	SSF x Far_LoA	-11,4872843	-0,027	0,306
CHR7	3862546	CHR7:3862546	SSF x Far_LoA	-10,5521691	-0,103	0,305
CHR7	3862574	CHR7:3862574	SSF x Far_LoA	-10,5309153	-0,144	0,288
CHR7	3862684	CHR7:3862684	SSF x Far_LoA	-9,1385526	0,069	0,305
CHR7	3862691	CHR7:3862691	SSF x Far_LoA	-11,1417646	0,034	0,309
CHR7	3862717	CHR7:3862717	SSF x Far_LoA	-10,0701092	-0,006	0,292
CHR7	3862740	CHR7:3862740	SSF x Far_LoA	-8,45178054	-0,196	0,297
CHR7	3873993	CHR7:3873993	SSF x Far_LoA	-10,3929786	0,003	0,305
CHR7	3875273	CHR7:3875273	SSF x Far_LoA	-6,98730438	0,121	0,301
CHR7	3875355	CHR7:3875355	SSF x Far_LoA	-9,55120775	-0,050	0,291
CHR7	387675	CHR7:387675	SSF x Far_LoA	-11,4861399	0,061	0,308
CHR7	387775	CHR7:387775	SSF x Far_LoA	-9,53719838	-0,009	0,319
CHR7	387888	CHR7:387888	SSF x Far_LoA	-9,26878919	-0,053	0,293
CHR7	3879877	CHR7:3879877	SSF x Far_LoA	-2,84490379	-0,117	0,307
CHR7	3879981	CHR7:3879981	SSF x Far_LoA	-11,5923786	0,048	0,317
CHR7	3879990	CHR7:3879990	SSF x Far_LoA	-8,71522803	0,012	0,318
CHR7	3879992	CHR7:3879992	SSF x Far_LoA	-9,04519745	0,018	0,310
CHR7	3880028	CHR7:3880028	SSF x Far_LoA	-9,48629683	-0,015	0,300
CHR7	3899918	CHR7:3899918	SSF x Far_LoA	-9,50165533	0,019	0,309
CHR7	3901084	CHR7:3901084	SSF x Far_LoA	-8,54220726	0,061	0,309
CHR7	3901112	CHR7:3901112	SSF x Far_LoA	-9,44323896	-0,001	0,303
CHR7	3906952	CHR7:3906952	SSF x Far_LoA	-10,3083638	0,066	0,323
CHR7	3906977	CHR7:3906977	SSF x Far_LoA	-9,19629896	-0,017	0,318
CHR7	3912606	CHR7:3912606	SSF x Far_LoA	-9,43785651	-0,029	0,301
CHR7	3912617	CHR7:3912617	SSF x Far_LoA	-9,84907558	-0,006	0,308

CHR7	3912733	CHR7:3912733	SSF x Far_LoA	-9,30866417	0,047	0,307
CHR7	3912740	CHR7:3912740	SSF x Far_LoA	-8,50668126	0,051	0,299
CHR7	3912744	CHR7:3912744	SSF x Far_LoA	1,54332047	0,069	0,308
CHR7	3912778	CHR7:3912778	SSF x Far_LoA	-9,93231881	-0,020	0,297
CHR7	3912784	CHR7:3912784	SSF x Far_LoA	-9,74926453	0,042	0,297
CHR7	391527	CHR7:391527	SSF x Far_LoA	-8,72047433	-0,001	0,301
CHR7	391528	CHR7:391528	SSF x Far_LoA	-9,41787663	0,001	0,314
CHR7	3916690	CHR7:3916690	SSF x Far_LoA	-9,72094589	-0,057	0,315
CHR7	3916741	CHR7:3916741	SSF x Far_LoA	-9,71045496	-0,086	0,313
CHR7	3919460	CHR7:3919460	SSF x Far_LoA	-7,91886051	-0,068	0,304
CHR7	3919486	CHR7:3919486	SSF x Far_LoA	-8,21560467	0,102	0,308
CHR7	3919521	CHR7:3919521	SSF x Far_LoA	-3,22657041	0,136	0,317
CHR7	3919539	CHR7:3919539	SSF x Far_LoA	-6,63902042	0,075	0,309
CHR7	3920523	CHR7:3920523	SSF x Far_LoA	-10,9692629	-0,048	0,315
CHR7	3934739	CHR7:3934739	SSF x Far_LoA	3,51329833	-0,132	0,292
CHR7	3934782	CHR7:3934782	SSF x Far_LoA	-8,67319065	0,086	0,295
CHR7	3937666	CHR7:3937666	SSF x Far_LoA	-8,93822659	-0,079	0,306
CHR7	3937858	CHR7:3937858	SSF x Far_LoA	-8,8025105	-0,026	0,305
CHR7	3937865	CHR7:3937865	SSF x Far_LoA	-8,865004	0,007	0,293
CHR7	3937908	CHR7:3937908	SSF x Far_LoA	-10,367458	-0,083	0,308
CHR7	3937954	CHR7:3937954	SSF x Far_LoA	-8,19194887	-0,049	0,313
CHR7	3952576	CHR7:3952576	SSF x Far_LoA	-6,9944884	0,103	0,312
CHR7	3952606	CHR7:3952606	SSF x Far_LoA	-9,85003961	0,173	0,300
CHR7	3953445	CHR7:3953445	SSF x Far_LoA	-10,0114111	-0,043	0,316
CHR7	3953473	CHR7:3953473	SSF x Far_LoA	-9,23897033	0,115	0,300
CHR7	3953511	CHR7:3953511	SSF x Far_LoA	-10,1671716	-0,036	0,306
CHR7	3979973	CHR7:3979973	SSF x Far_LoA	-9,13287719	0,018	0,296
CHR7	3979998	CHR7:3979998	SSF x Far_LoA	-7,66917236	0,076	0,309
CHR7	3980289	CHR7:3980289	SSF x Far_LoA	-9,54730154	-0,057	0,312
CHR7	3996040	CHR7:3996040	SSF x Far_LoA	-9,71628913	-0,024	0,312
CHR7	3996083	CHR7:3996083	SSF x Far_LoA	-10,1250484	0,023	0,307
CHR7	3998664	CHR7:3998664	SSF x Far_LoA	-7,89406198	-0,174	0,298
CHR7	4011629	CHR7:4011629	SSF x Far_LoA	-9,77986943	-0,067	0,316
CHR7	4011657	CHR7:4011657	SSF x Far_LoA	-10,3943822	0,111	0,291
CHR7	4011687	CHR7:4011687	SSF x Far_LoA	-7,41718468	-0,112	0,304
CHR7	4020106	CHR7:4020106	SSF x Far_LoA	-9,43630297	-0,006	0,302
CHR7	4020167	CHR7:4020167	SSF x Far_LoA	-6,3864043	0,033	0,300
CHR7	4020177	CHR7:4020177	SSF x Far_LoA	-7,425729	-0,064	0,300
CHR7	4023777	CHR7:4023777	SSF x Far_LoA	-10,4227262	-0,024	0,312
CHR7	4023782	CHR7:4023782	SSF x Far_LoA	-10,3885249	0,032	0,306
CHR7	4023788	CHR7:4023788	SSF x Far_LoA	-10,1604023	0,045	0,326
CHR7	402546	CHR7:402546	SSF x Far_LoA	-9,78648412	0,013	0,309
CHR7	402656	CHR7:402656	SSF x Far_LoA	-9,31069783	0,065	0,295
CHR7	402779	CHR7:402779	SSF x Far_LoA	-9,69595048	0,076	0,297
CHR7	4029736	CHR7:4029736	SSF x Far_LoA	-9,62531402	-0,028	0,302
CHR7	4029764	CHR7:4029764	SSF x Far_LoA	-11,4921401	0,039	0,304
CHR7	4029772	CHR7:4029772	SSF x Far_LoA	-9,56492594	0,184	0,298
CHR7	4029811	CHR7:4029811	SSF x Far_LoA	-9,59922674	0,208	0,289
CHR7	4029828	CHR7:4029828	SSF x Far_LoA	-8,16991965	0,106	0,316
CHR7	4029835	CHR7:4029835	SSF x Far_LoA	-10,0027515	0,066	0,293
CHR7	4033481	CHR7:4033481	SSF x Far_LoA	-10,0464185	-0,126	0,301
CHR7	4033586	CHR7:4033586	SSF x Far_LoA	-8,93346248	-0,076	0,287
CHR7	4033612	CHR7:4033612	SSF x Far_LoA	-7,71525851	0,012	0,318

CHR7	4033630	CHR7:4033630	SSF x Far_LoA	-9,48930516	-0,016	0,294
CHR7	4033631	CHR7:4033631	SSF x Far_LoA	-11,4574238	-0,036	0,312
CHR7	4033655	CHR7:4033655	SSF x Far_LoA	-10,1395586	-0,032	0,299
CHR7	4039210	CHR7:4039210	SSF x Far_LoA	-10,5282603	-0,030	0,309
CHR7	4039222	CHR7:4039222	SSF x Far_LoA	-11,3254932	-0,051	0,307
CHR7	4039323	CHR7:4039323	SSF x Far_LoA	-11,7647721	0,021	0,301
CHR7	4039350	CHR7:4039350	SSF x Far_LoA	-9,78356828	0,029	0,317
CHR7	4039364	CHR7:4039364	SSF x Far_LoA	-11,5261709	0,058	0,297
CHR7	4048303	CHR7:4048303	SSF x Far_LoA	-7,5576282	0,090	0,306
CHR7	4048322	CHR7:4048322	SSF x Far_LoA	-8,36102099	-0,096	0,290
CHR7	4048342	CHR7:4048342	SSF x Far_LoA	-11,1361685	-0,050	0,302
CHR7	4050690	CHR7:4050690	SSF x Far_LoA	-11,2091388	0,087	0,305
CHR7	4058361	CHR7:4058361	SSF x Far_LoA	-9,87696664	-0,056	0,300
CHR7	4058363	CHR7:4058363	SSF x Far_LoA	-8,90235844	-0,089	0,310
CHR7	4058639	CHR7:4058639	SSF x Far_LoA	-9,35215096	-0,019	0,301
CHR7	4058662	CHR7:4058662	SSF x Far_LoA	-7,36758225	-0,126	0,301
CHR7	4058664	CHR7:4058664	SSF x Far_LoA	-8,12145973	-0,085	0,301
CHR7	4063247	CHR7:4063247	SSF x Far_LoA	-9,02654395	-0,013	0,335
CHR7	4063249	CHR7:4063249	SSF x Far_LoA	-9,32620399	0,027	0,312
CHR7	4063381	CHR7:4063381	SSF x Far_LoA	-9,98075193	0,098	0,308
CHR7	4063428	CHR7:4063428	SSF x Far_LoA	-9,35003545	0,056	0,296
CHR7	4063437	CHR7:4063437	SSF x Far_LoA	-9,87914829	-0,092	0,305
CHR7	4063460	CHR7:4063460	SSF x Far_LoA	-9,6986488	-0,003	0,317
CHR7	4065225	CHR7:4065225	SSF x Far_LoA	-9,84839082	0,080	0,293
CHR7	4067848	CHR7:4067848	SSF x Far_LoA	-8,36539642	-0,071	0,315
CHR7	4069039	CHR7:4069039	SSF x Far_LoA	-11,1797487	-0,047	0,309
CHR7	4069055	CHR7:4069055	SSF x Far_LoA	-11,2877136	-0,031	0,311
CHR7	4069062	CHR7:4069062	SSF x Far_LoA	-9,14654581	0,157	0,292
CHR7	4069111	CHR7:4069111	SSF x Far_LoA	-8,4356894	-0,026	0,321
CHR7	4069121	CHR7:4069121	SSF x Far_LoA	-10,3968068	0,017	0,306
CHR7	4069122	CHR7:4069122	SSF x Far_LoA	-7,81036552	-0,053	0,311
CHR7	4069179	CHR7:4069179	SSF x Far_LoA	-6,63356673	0,209	0,287
CHR7	4069225	CHR7:4069225	SSF x Far_LoA	-8,18258564	0,015	0,313
CHR7	4069228	CHR7:4069228	SSF x Far_LoA	-11,0424713	-0,075	0,313
CHR7	4069229	CHR7:4069229	SSF x Far_LoA	-10,8588105	0,063	0,308
CHR7	4069232	CHR7:4069232	SSF x Far_LoA	-8,7645153	0,093	0,307
CHR7	4069238	CHR7:4069238	SSF x Far_LoA	-11,1155174	-0,072	0,303
CHR7	4069247	CHR7:4069247	SSF x Far_LoA	-5,91675302	0,231	0,287
CHR7	4074441	CHR7:4074441	SSF x Far_LoA	-9,25615385	0,095	0,302
CHR7	4074444	CHR7:4074444	SSF x Far_LoA	-11,6025368	0,048	0,294
CHR7	4077836	CHR7:4077836	SSF x Far_LoA	-10,3335093	-0,045	0,321
CHR7	4077889	CHR7:4077889	SSF x Far_LoA	-10,7364532	-0,070	0,306
CHR7	4077896	CHR7:4077896	SSF x Far_LoA	-11,2179558	-0,063	0,310
CHR7	4077906	CHR7:4077906	SSF x Far_LoA	-10,4541316	-0,055	0,310
CHR7	4077936	CHR7:4077936	SSF x Far_LoA	-10,5962845	-0,005	0,311
CHR7	4077949	CHR7:4077949	SSF x Far_LoA	-7,72270573	-0,034	0,306
CHR7	4084805	CHR7:4084805	SSF x Far_LoA	-10,750033	-0,052	0,316
CHR7	4084825	CHR7:4084825	SSF x Far_LoA	-3,48570112	-0,063	0,305
CHR7	4084896	CHR7:4084896	SSF x Far_LoA	-10,2702354	0,050	0,310
CHR7	4084979	CHR7:4084979	SSF x Far_LoA	-8,47012215	-0,059	0,314
CHR7	4085041	CHR7:4085041	SSF x Far_LoA	-5,67822276	0,017	0,307
CHR7	4085110	CHR7:4085110	SSF x Far_LoA	-8,66900947	-0,115	0,304
CHR7	4085126	CHR7:4085126	SSF x Far_LoA	-5,87505467	-0,072	0,286

CHR7	4085129	CHR7:4085129	SSF x Far_LoA	-8,40891359	0,145	0,299
CHR7	4089240	CHR7:4089240	SSF x Far_LoA	-10,6146745	0,051	0,289
CHR7	4089257	CHR7:4089257	SSF x Far_LoA	-9,14048803	-0,033	0,318
CHR7	4089291	CHR7:4089291	SSF x Far_LoA	-11,2398371	0,126	0,296
CHR7	4089337	CHR7:4089337	SSF x Far_LoA	-9,7289325	-0,036	0,302
CHR7	4095649	CHR7:4095649	SSF x Far_LoA	-10,5500949	0,023	0,292
CHR7	4095654	CHR7:4095654	SSF x Far_LoA	-10,6946742	0,020	0,316
CHR7	4095769	CHR7:4095769	SSF x Far_LoA	-9,24193337	0,020	0,323
CHR7	4107431	CHR7:4107431	SSF x Far_LoA	-9,17430981	-0,079	0,310
CHR7	4107451	CHR7:4107451	SSF x Far_LoA	-10,493261	0,097	0,294
CHR7	4107501	CHR7:4107501	SSF x Far_LoA	-10,1104235	0,110	0,303
CHR7	4107595	CHR7:4107595	SSF x Far_LoA	-10,3038147	0,070	0,312
CHR7	4113968	CHR7:4113968	SSF x Far_LoA	-10,1928037	-0,071	0,320
CHR7	4114038	CHR7:4114038	SSF x Far_LoA	-7,7515281	0,040	0,303
CHR7	4115719	CHR7:4115719	SSF x Far_LoA	-8,97760688	-0,119	0,306
CHR7	4115731	CHR7:4115731	SSF x Far_LoA	-10,92855	-0,061	0,296
CHR7	4115775	CHR7:4115775	SSF x Far_LoA	-10,3431758	0,119	0,306
CHR7	4115967	CHR7:4115967	SSF x Far_LoA	-11,6458633	0,063	0,302
CHR7	4132703	CHR7:4132703	SSF x Far_LoA	-10,231381	0,055	0,311
CHR7	4132729	CHR7:4132729	SSF x Far_LoA	-10,8485177	0,102	0,297
CHR7	4132906	CHR7:4132906	SSF x Far_LoA	-7,63082504	-0,118	0,313
CHR7	413895	CHR7:413895	SSF x Far_LoA	-8,57747183	-0,058	0,313
CHR7	4139536	CHR7:4139536	SSF x Far_LoA	-8,54634991	-0,055	0,302
CHR7	4139640	CHR7:4139640	SSF x Far_LoA	-4,94589067	-0,058	0,321
CHR7	4141681	CHR7:4141681	SSF x Far_LoA	-10,0969433	0,112	0,304
CHR7	4141691	CHR7:4141691	SSF x Far_LoA	-9,71415397	-0,067	0,304
CHR7	4141748	CHR7:4141748	SSF x Far_LoA	-10,4434668	0,031	0,301
CHR7	4144546	CHR7:4144546	SSF x Far_LoA	-10,9047428	-0,055	0,321
CHR7	4146591	CHR7:4146591	SSF x Far_LoA	-8,95496354	0,023	0,304
CHR7	4146601	CHR7:4146601	SSF x Far_LoA	-8,6160748	-0,004	0,312
CHR7	4146605	CHR7:4146605	SSF x Far_LoA	-8,31759844	0,033	0,299
CHR7	4146612	CHR7:4146612	SSF x Far_LoA	-9,54088718	0,007	0,310
CHR7	4146639	CHR7:4146639	SSF x Far_LoA	-9,67152788	0,020	0,319
CHR7	4146645	CHR7:4146645	SSF x Far_LoA	-9,60114353	0,109	0,305
CHR7	4146676	CHR7:4146676	SSF x Far_LoA	-9,14164487	0,066	0,311
CHR7	4146741	CHR7:4146741	SSF x Far_LoA	-10,7710406	0,061	0,307
CHR7	4149139	CHR7:4149139	SSF x Far_LoA	-5,35665198	0,156	0,296
CHR7	4149140	CHR7:4149140	SSF x Far_LoA	-8,74354395	0,104	0,299
CHR7	4149160	CHR7:4149160	SSF x Far_LoA	-9,68129257	0,049	0,313
CHR7	4149182	CHR7:4149182	SSF x Far_LoA	-9,05433983	-0,029	0,318
CHR7	4149183	CHR7:4149183	SSF x Far_LoA	-8,32055223	0,054	0,314
CHR7	4149199	CHR7:4149199	SSF x Far_LoA	-9,36656253	0,033	0,296
CHR7	4149241	CHR7:4149241	SSF x Far_LoA	-8,8733559	-0,020	0,301
CHR7	4149247	CHR7:4149247	SSF x Far_LoA	-10,2788478	0,111	0,304
CHR7	4149254	CHR7:4149254	SSF x Far_LoA	-10,4499716	0,013	0,313
CHR7	4153787	CHR7:4153787	SSF x Far_LoA	-8,86367061	0,105	0,295
CHR7	4155479	CHR7:4155479	SSF x Far_LoA	-11,1149366	-0,103	0,299
CHR7	4155545	CHR7:4155545	SSF x Far_LoA	-10,9523204	0,015	0,306
CHR7	4155584	CHR7:4155584	SSF x Far_LoA	-10,3903959	-0,022	0,287
CHR7	416254	CHR7:416254	SSF x Far_LoA	-9,182651	-0,006	0,302
CHR7	4166235	CHR7:4166235	SSF x Far_LoA	-6,20851605	0,171	0,308
CHR7	4166236	CHR7:4166236	SSF x Far_LoA	-9,51495335	0,014	0,307
CHR7	4166244	CHR7:4166244	SSF x Far_LoA	-11,1225145	0,088	0,296

CHR7	4166284	CHR7:4166284	SSF x Far_LoA	-7,75660396	-0,023	0,298
CHR7	4166330	CHR7:4166330	SSF x Far_LoA	-8,06476576	0,077	0,310
CHR7	4179748	CHR7:4179748	SSF x Far_LoA	-10,8766274	-0,010	0,301
CHR7	4179768	CHR7:4179768	SSF x Far_LoA	-6,67961088	-0,087	0,295
CHR7	4183582	CHR7:4183582	SSF x Far_LoA	-10,4660904	-0,005	0,304
CHR7	4183648	CHR7:4183648	SSF x Far_LoA	-9,55800537	-0,077	0,306
CHR7	418680	CHR7:418680	SSF x Far_LoA	-8,63515891	0,131	0,298
CHR7	4188933	CHR7:4188933	SSF x Far_LoA	-7,66328283	-0,118	0,324
CHR7	4199813	CHR7:4199813	SSF x Far_LoA	-11,7941757	0,061	0,295
CHR7	4200076	CHR7:4200076	SSF x Far_LoA	-6,51238338	-0,141	0,305
CHR7	4209669	CHR7:4209669	SSF x Far_LoA	-9,17220545	0,112	0,294
CHR7	4209704	CHR7:4209704	SSF x Far_LoA	-5,91827253	-0,102	0,306
CHR7	4209754	CHR7:4209754	SSF x Far_LoA	-10,9748394	0,034	0,305
CHR7	4224058	CHR7:4224058	SSF x Far_LoA	-8,75712773	-0,011	0,305
CHR7	4224093	CHR7:4224093	SSF x Far_LoA	-8,72044885	-0,001	0,304
CHR7	4224108	CHR7:4224108	SSF x Far_LoA	-9,19164056	-0,072	0,310
CHR7	4224119	CHR7:4224119	SSF x Far_LoA	-10,0577776	0,065	0,312
CHR7	4224134	CHR7:4224134	SSF x Far_LoA	-9,08078105	0,136	0,304
CHR7	4224147	CHR7:4224147	SSF x Far_LoA	-10,7024537	0,000	0,302
CHR7	4224172	CHR7:4224172	SSF x Far_LoA	-7,69171769	0,187	0,292
CHR7	4224178	CHR7:4224178	SSF x Far_LoA	-7,41028227	0,077	0,316
CHR7	4224230	CHR7:4224230	SSF x Far_LoA	-11,5977563	-0,042	0,303
CHR7	4224279	CHR7:4224279	SSF x Far_LoA	-9,89662651	0,070	0,304
CHR7	4237116	CHR7:4237116	SSF x Far_LoA	-10,6138261	-0,056	0,313
CHR7	4237122	CHR7:4237122	SSF x Far_LoA	-8,65611553	0,014	0,317
CHR7	4237152	CHR7:4237152	SSF x Far_LoA	-8,42265581	-0,038	0,299
CHR7	4237209	CHR7:4237209	SSF x Far_LoA	-6,18624211	-0,015	0,313
CHR7	4237213	CHR7:4237213	SSF x Far_LoA	-9,14818766	-0,005	0,303
CHR7	4237222	CHR7:4237222	SSF x Far_LoA	-7,7397687	-0,015	0,307
CHR7	4237229	CHR7:4237229	SSF x Far_LoA	-10,1436575	-0,058	0,312
CHR7	4237237	CHR7:4237237	SSF x Far_LoA	-8,2527535	0,020	0,312
CHR7	4237255	CHR7:4237255	SSF x Far_LoA	-10,6101408	-0,016	0,307
CHR7	4257552	CHR7:4257552	SSF x Far_LoA	-7,53114193	0,118	0,314
CHR7	4257671	CHR7:4257671	SSF x Far_LoA	-9,80291691	-0,054	0,316
CHR7	4275500	CHR7:4275500	SSF x Far_LoA	-10,5056903	0,065	0,310
CHR7	4281624	CHR7:4281624	SSF x Far_LoA	-8,74886689	0,159	0,302
CHR7	4281644	CHR7:4281644	SSF x Far_LoA	-8,39005522	0,019	0,312
CHR7	4281657	CHR7:4281657	SSF x Far_LoA	-7,8302906	-0,078	0,319
CHR7	4281682	CHR7:4281682	SSF x Far_LoA	-11,5840149	0,046	0,314
CHR7	4281821	CHR7:4281821	SSF x Far_LoA	-7,54677036	-0,132	0,305
CHR7	4281844	CHR7:4281844	SSF x Far_LoA	-11,6542651	0,008	0,307
CHR7	4281910	CHR7:4281910	SSF x Far_LoA	-9,28376912	-0,055	0,317
CHR7	4289607	CHR7:4289607	SSF x Far_LoA	-8,53619246	0,026	0,321
CHR7	4289761	CHR7:4289761	SSF x Far_LoA	-7,06471649	-0,169	0,302
CHR7	4295360	CHR7:4295360	SSF x Far_LoA	-10,3004903	0,061	0,306
CHR7	4295378	CHR7:4295378	SSF x Far_LoA	-8,43824965	-0,109	0,298
CHR7	4298116	CHR7:4298116	SSF x Far_LoA	-7,01524772	-0,008	0,291
CHR7	4306484	CHR7:4306484	SSF x Far_LoA	-7,56293203	0,048	0,303
CHR7	4306521	CHR7:4306521	SSF x Far_LoA	-9,81514355	0,093	0,310
CHR7	4306530	CHR7:4306530	SSF x Far_LoA	-11,1369326	-0,039	0,304
CHR7	4325603	CHR7:4325603	SSF x Far_LoA	-6,12123202	-0,073	0,306
CHR7	4325701	CHR7:4325701	SSF x Far_LoA	-10,6396472	0,027	0,300
CHR7	4334687	CHR7:4334687	SSF x Far_LoA	-9,6537945	0,046	0,322

CHR7	4334714	CHR7:4334714	SSF x Far_LoA	-9,22666754	-0,119	0,302
CHR7	4334724	CHR7:4334724	SSF x Far_LoA	-9,05411173	0,060	0,298
CHR7	4334736	CHR7:4334736	SSF x Far_LoA	-9,74168705	0,065	0,293
CHR7	4334774	CHR7:4334774	SSF x Far_LoA	-9,87612102	-0,022	0,309
CHR7	4334780	CHR7:4334780	SSF x Far_LoA	-6,37706598	0,127	0,308
CHR7	4334781	CHR7:4334781	SSF x Far_LoA	-10,0691443	0,132	0,307
CHR7	4345750	CHR7:4345750	SSF x Far_LoA	-8,9198201	0,046	0,311
CHR7	4345850	CHR7:4345850	SSF x Far_LoA	-9,36169061	-0,044	0,302
CHR7	4365179	CHR7:4365179	SSF x Far_LoA	-8,34323326	0,063	0,306
CHR7	4365478	CHR7:4365478	SSF x Far_LoA	-10,4802971	0,042	0,310
CHR7	4365519	CHR7:4365519	SSF x Far_LoA	-6,97511475	0,142	0,292
CHR7	4365530	CHR7:4365530	SSF x Far_LoA	-9,89760232	0,042	0,320
CHR7	4365561	CHR7:4365561	SSF x Far_LoA	-8,3168335	-0,071	0,314
CHR7	4378541	CHR7:4378541	SSF x Far_LoA	-4,04336372	-0,061	0,319
CHR7	4379411	CHR7:4379411	SSF x Far_LoA	-9,11380693	0,116	0,287
CHR7	4386375	CHR7:4386375	SSF x Far_LoA	-1,91351502	0,051	0,317
CHR7	4388042	CHR7:4388042	SSF x Far_LoA	-6,53859582	0,121	0,307
CHR7	4388055	CHR7:4388055	SSF x Far_LoA	-9,87194427	0,076	0,302
CHR7	4388062	CHR7:4388062	SSF x Far_LoA	-11,1613702	0,028	0,315
CHR7	4388112	CHR7:4388112	SSF x Far_LoA	-8,68056423	-0,049	0,295
CHR7	4388245	CHR7:4388245	SSF x Far_LoA	-9,80369021	0,049	0,301
CHR7	4388293	CHR7:4388293	SSF x Far_LoA	-9,13609791	-0,056	0,290
CHR7	4401286	CHR7:4401286	SSF x Far_LoA	-8,84535649	-0,065	0,307
CHR7	4415823	CHR7:4415823	SSF x Far_LoA	-7,27631136	0,134	0,300
CHR7	4415913	CHR7:4415913	SSF x Far_LoA	-10,9613891	-0,010	0,312
CHR7	4415924	CHR7:4415924	SSF x Far_LoA	-8,81574844	-0,080	0,292
CHR7	4415933	CHR7:4415933	SSF x Far_LoA	-10,710601	-0,033	0,297
CHR7	4416013	CHR7:4416013	SSF x Far_LoA	-8,65736752	0,074	0,316
CHR7	4421967	CHR7:4421967	SSF x Far_LoA	-6,93481535	-0,176	0,307
CHR7	4422043	CHR7:4422043	SSF x Far_LoA	-8,38755646	-0,008	0,311
CHR7	4422124	CHR7:4422124	SSF x Far_LoA	-10,070113	0,028	0,303
CHR7	4422147	CHR7:4422147	SSF x Far_LoA	-8,42296524	0,038	0,300
CHR7	4425869	CHR7:4425869	SSF x Far_LoA	-5,65495112	-0,040	0,307
CHR7	4425886	CHR7:4425886	SSF x Far_LoA	-10,694784	0,007	0,322
CHR7	4425910	CHR7:4425910	SSF x Far_LoA	-9,47368313	-0,003	0,305
CHR7	4425941	CHR7:4425941	SSF x Far_LoA	-9,90757291	0,029	0,316
CHR7	4426038	CHR7:4426038	SSF x Far_LoA	-7,99680614	0,057	0,303
CHR7	4426054	CHR7:4426054	SSF x Far_LoA	-10,8139606	-0,081	0,307
CHR7	4426065	CHR7:4426065	SSF x Far_LoA	-8,51438421	-0,025	0,318
CHR7	4426070	CHR7:4426070	SSF x Far_LoA	-8,76082784	0,009	0,311
CHR7	4426109	CHR7:4426109	SSF x Far_LoA	-8,1402504	-0,059	0,313
CHR7	4427920	CHR7:4427920	SSF x Far_LoA	-10,1636918	-0,117	0,301
CHR7	443024	CHR7:443024	SSF x Far_LoA	-9,13901759	-0,024	0,315
CHR7	4431026	CHR7:4431026	SSF x Far_LoA	-6,28840371	-0,217	0,293
CHR7	4431033	CHR7:4431033	SSF x Far_LoA	-8,44246586	0,077	0,311
CHR7	4431056	CHR7:4431056	SSF x Far_LoA	-7,95487887	0,079	0,326
CHR7	4431060	CHR7:4431060	SSF x Far_LoA	-8,56442333	-0,168	0,307
CHR7	4431200	CHR7:4431200	SSF x Far_LoA	-9,94374916	-0,139	0,298
CHR7	443124	CHR7:443124	SSF x Far_LoA	-8,01257959	0,079	0,304
CHR7	443134	CHR7:443134	SSF x Far_LoA	-7,10957013	-0,017	0,326
CHR7	443138	CHR7:443138	SSF x Far_LoA	-10,4130877	0,000	0,304
CHR7	443185	CHR7:443185	SSF x Far_LoA	-11,1851761	-0,049	0,308
CHR7	443216	CHR7:443216	SSF x Far_LoA	-9,05814695	0,151	0,300

CHR7	4435063	CHR7:4435063	SSF x Far_LoA	-9,50737784	0,078	0,304
CHR7	4435077	CHR7:4435077	SSF x Far_LoA	-11,3484226	0,024	0,312
CHR7	4435099	CHR7:4435099	SSF x Far_LoA	-10,2219735	-0,063	0,308
CHR7	4437980	CHR7:4437980	SSF x Far_LoA	-8,56854153	-0,063	0,322
CHR7	4441803	CHR7:4441803	SSF x Far_LoA	-8,85839097	0,068	0,317
CHR7	4445800	CHR7:4445800	SSF x Far_LoA	-2,6003872	-0,113	0,311
CHR7	4445821	CHR7:4445821	SSF x Far_LoA	-9,7356154	0,007	0,306
CHR7	4453929	CHR7:4453929	SSF x Far_LoA	-10,8280991	0,004	0,301
CHR7	4453969	CHR7:4453969	SSF x Far_LoA	-8,94113486	-0,016	0,303
CHR7	4453971	CHR7:4453971	SSF x Far_LoA	-9,76249591	-0,041	0,313
CHR7	4454019	CHR7:4454019	SSF x Far_LoA	-5,35560649	-0,052	0,311
CHR7	4454037	CHR7:4454037	SSF x Far_LoA	-10,5705555	0,044	0,292
CHR7	4454062	CHR7:4454062	SSF x Far_LoA	-6,84175806	-0,082	0,307
CHR7	4459129	CHR7:4459129	SSF x Far_LoA	-9,18635126	-0,024	0,292
CHR7	4459173	CHR7:4459173	SSF x Far_LoA	-11,3714116	-0,039	0,311
CHR7	4459181	CHR7:4459181	SSF x Far_LoA	-8,90680986	-0,064	0,296
CHR7	4459215	CHR7:4459215	SSF x Far_LoA	-8,61344856	-0,213	0,289
CHR7	4459477	CHR7:4459477	SSF x Far_LoA	-8,56306888	0,050	0,313
CHR7	4459494	CHR7:4459494	SSF x Far_LoA	-6,9156313	-0,162	0,307
CHR7	4459495	CHR7:4459495	SSF x Far_LoA	-8,32943056	-0,141	0,294
CHR7	4459499	CHR7:4459499	SSF x Far_LoA	-12,0018341	-0,019	0,303
CHR7	4459524	CHR7:4459524	SSF x Far_LoA	-11,7600506	-0,012	0,313
CHR7	4459569	CHR7:4459569	SSF x Far_LoA	-8,65619026	0,132	0,299
CHR7	4462135	CHR7:4462135	SSF x Far_LoA	-9,77665763	0,011	0,309
CHR7	446802	CHR7:446802	SSF x Far_LoA	-11,3854241	0,057	0,317
CHR7	446879	CHR7:446879	SSF x Far_LoA	-9,98785918	-0,100	0,301
CHR7	447061	CHR7:447061	SSF x Far_LoA	-8,69604774	-0,067	0,307
CHR7	4473873	CHR7:4473873	SSF x Far_LoA	-8,82428184	0,159	0,298
CHR7	4473891	CHR7:4473891	SSF x Far_LoA	-10,603644	-0,047	0,305
CHR7	4473899	CHR7:4473899	SSF x Far_LoA	-9,291179	0,033	0,314
CHR7	4473945	CHR7:4473945	SSF x Far_LoA	-9,67038017	-0,074	0,314
CHR7	4478124	CHR7:4478124	SSF x Far_LoA	-2,86685084	-0,225	0,290
CHR7	4478219	CHR7:4478219	SSF x Far_LoA	-11,2040799	0,025	0,316
CHR7	4483567	CHR7:4483567	SSF x Far_LoA	-8,24729135	0,179	0,308
CHR7	4483737	CHR7:4483737	SSF x Far_LoA	-9,65695271	0,047	0,309
CHR7	4483741	CHR7:4483741	SSF x Far_LoA	-10,3338283	-0,058	0,305
CHR7	4483760	CHR7:4483760	SSF x Far_LoA	-5,71210824	-0,093	0,317
CHR7	4483771	CHR7:4483771	SSF x Far_LoA	-9,22699906	0,171	0,301
CHR7	4483783	CHR7:4483783	SSF x Far_LoA	-10,633575	0,046	0,313
CHR7	4499445	CHR7:4499445	SSF x Far_LoA	-11,9032887	0,033	0,302
CHR7	4499458	CHR7:4499458	SSF x Far_LoA	-11,1766891	-0,035	0,302
CHR7	4501460	CHR7:4501460	SSF x Far_LoA	-6,011645	0,146	0,295
CHR7	4501518	CHR7:4501518	SSF x Far_LoA	-9,98729103	0,103	0,294
CHR7	4502140	CHR7:4502140	SSF x Far_LoA	-7,62507428	-0,029	0,306
CHR7	4505031	CHR7:4505031	SSF x Far_LoA	-8,31837403	-0,080	0,287
CHR7	4505069	CHR7:4505069	SSF x Far_LoA	-8,35717527	-0,108	0,303
CHR7	4505145	CHR7:4505145	SSF x Far_LoA	-7,50092406	-0,095	0,311
CHR7	4505242	CHR7:4505242	SSF x Far_LoA	-9,2089511	-0,043	0,317
CHR7	451165	CHR7:451165	SSF x Far_LoA	-10,8601025	-0,109	0,317
CHR7	451326	CHR7:451326	SSF x Far_LoA	-10,850043	0,011	0,315
CHR7	4527174	CHR7:4527174	SSF x Far_LoA	-9,06398223	-0,046	0,304
CHR7	4547216	CHR7:4547216	SSF x Far_LoA	-10,3499646	-0,175	0,301
CHR7	4547274	CHR7:4547274	SSF x Far_LoA	-8,88992294	0,090	0,315

CHR7	4551140	CHR7:4551140	SSF x Far_LoA	-9,76843435	0,093	0,302
CHR7	4551151	CHR7:4551151	SSF x Far_LoA	-9,82667107	-0,023	0,304
CHR7	4553621	CHR7:4553621	SSF x Far_LoA	-8,76060509	0,037	0,316
CHR7	4553632	CHR7:4553632	SSF x Far_LoA	-7,04404942	0,119	0,309
CHR7	4553662	CHR7:4553662	SSF x Far_LoA	-9,81156134	0,135	0,290
CHR7	4557297	CHR7:4557297	SSF x Far_LoA	-9,78683555	0,104	0,314
CHR7	4557310	CHR7:4557310	SSF x Far_LoA	-6,9569175	-0,087	0,301
CHR7	4557315	CHR7:4557315	SSF x Far_LoA	-8,66795625	-0,083	0,297
CHR7	4557317	CHR7:4557317	SSF x Far_LoA	-5,9110957	-0,073	0,299
CHR7	4557335	CHR7:4557335	SSF x Far_LoA	-8,21146538	-0,167	0,297
CHR7	4557358	CHR7:4557358	SSF x Far_LoA	-11,1432492	0,007	0,316
CHR7	4557359	CHR7:4557359	SSF x Far_LoA	-8,3128621	-0,030	0,319
CHR7	4557363	CHR7:4557363	SSF x Far_LoA	-7,23488361	-0,078	0,313
CHR7	4557370	CHR7:4557370	SSF x Far_LoA	-10,833757	0,003	0,312
CHR7	4557716	CHR7:4557716	SSF x Far_LoA	-10,7504303	-0,028	0,326
CHR7	4557723	CHR7:4557723	SSF x Far_LoA	-9,56032172	-0,054	0,306
CHR7	4557742	CHR7:4557742	SSF x Far_LoA	-9,50563501	0,021	0,316
CHR7	4557744	CHR7:4557744	SSF x Far_LoA	-8,38744755	0,011	0,304
CHR7	4557782	CHR7:4557782	SSF x Far_LoA	-8,87547933	0,022	0,313
CHR7	4557790	CHR7:4557790	SSF x Far_LoA	-9,33028865	0,012	0,305
CHR7	4563917	CHR7:4563917	SSF x Far_LoA	-10,4559663	0,131	0,297
CHR7	4564028	CHR7:4564028	SSF x Far_LoA	-7,30479586	0,194	0,298
CHR7	4564043	CHR7:4564043	SSF x Far_LoA	-11,1063041	-0,013	0,307
CHR7	4564247	CHR7:4564247	SSF x Far_LoA	-8,71597846	0,024	0,300
CHR7	4564319	CHR7:4564319	SSF x Far_LoA	-6,88625852	-0,092	0,297
CHR7	4564336	CHR7:4564336	SSF x Far_LoA	-6,53582875	0,149	0,301
CHR7	4603047	CHR7:4603047	SSF x Far_LoA	-10,1047315	-0,036	0,311
CHR7	4603051	CHR7:4603051	SSF x Far_LoA	-11,2923499	-0,035	0,303
CHR7	4605126	CHR7:4605126	SSF x Far_LoA	-10,1717989	-0,054	0,302
CHR7	4605132	CHR7:4605132	SSF x Far_LoA	-9,09708461	-0,098	0,307
CHR7	4605168	CHR7:4605168	SSF x Far_LoA	-8,64256837	-0,034	0,317
CHR7	4607536	CHR7:4607536	SSF x Far_LoA	-10,2130355	-0,079	0,306
CHR7	4634205	CHR7:4634205	SSF x Far_LoA	-11,5187452	0,038	0,309
CHR7	4634301	CHR7:4634301	SSF x Far_LoA	-6,82877035	0,218	0,298
CHR7	4635709	CHR7:4635709	SSF x Far_LoA	-9,98916199	0,114	0,304
CHR7	4637038	CHR7:4637038	SSF x Far_LoA	-10,1240258	0,126	0,311
CHR7	4637164	CHR7:4637164	SSF x Far_LoA	-7,89468785	-0,079	0,321
CHR7	4637191	CHR7:4637191	SSF x Far_LoA	-11,1819879	0,006	0,305
CHR7	4637200	CHR7:4637200	SSF x Far_LoA	-9,76860344	0,062	0,316
CHR7	4640472	CHR7:4640472	SSF x Far_LoA	-2,55769893	0,052	0,287
CHR7	4640541	CHR7:4640541	SSF x Far_LoA	-10,0633572	0,035	0,298
CHR7	4650554	CHR7:4650554	SSF x Far_LoA	-9,69982837	-0,037	0,307
CHR7	4657007	CHR7:4657007	SSF x Far_LoA	-10,8841224	-0,028	0,328
CHR7	4660119	CHR7:4660119	SSF x Far_LoA	-9,39719714	-0,025	0,319
CHR7	4660121	CHR7:4660121	SSF x Far_LoA	-9,63223868	0,060	0,304
CHR7	4660214	CHR7:4660214	SSF x Far_LoA	-10,4422771	-0,030	0,316
CHR7	4660222	CHR7:4660222	SSF x Far_LoA	-7,4876264	0,037	0,301
CHR7	4667008	CHR7:4667008	SSF x Far_LoA	-10,3118045	0,011	0,299
CHR7	4667047	CHR7:4667047	SSF x Far_LoA	-9,10804487	-0,043	0,304
CHR7	4667181	CHR7:4667181	SSF x Far_LoA	-9,78477042	-0,027	0,298
CHR7	4675072	CHR7:4675072	SSF x Far_LoA	-9,33889853	0,041	0,299
CHR7	4683201	CHR7:4683201	SSF x Far_LoA	-11,1277572	-0,117	0,317
CHR7	4683283	CHR7:4683283	SSF x Far_LoA	-10,5614883	0,043	0,292

CHR7	4683351	CHR7:4683351	SSF x Far_LoA	-10,7593736	0,030	0,295
CHR7	4683360	CHR7:4683360	SSF x Far_LoA	-10,745453	-0,085	0,320
CHR7	4683436	CHR7:4683436	SSF x Far_LoA	-8,04804408	-0,107	0,287
CHR7	4683447	CHR7:4683447	SSF x Far_LoA	-7,7599245	0,043	0,305
CHR7	4694154	CHR7:4694154	SSF x Far_LoA	-8,95467347	-0,035	0,306
CHR7	4694199	CHR7:4694199	SSF x Far_LoA	-3,84745129	-0,198	0,292
CHR7	4694286	CHR7:4694286	SSF x Far_LoA	-9,70449567	0,034	0,295
CHR7	4694315	CHR7:4694315	SSF x Far_LoA	-9,4227312	0,010	0,302
CHR7	4695687	CHR7:4695687	SSF x Far_LoA	-10,7458586	0,068	0,298
CHR7	4695857	CHR7:4695857	SSF x Far_LoA	-5,88817457	0,120	0,291
CHR7	4695871	CHR7:4695871	SSF x Far_LoA	-9,21734014	0,143	0,299
CHR7	4695928	CHR7:4695928	SSF x Far_LoA	-5,12826431	0,070	0,307
CHR7	4735176	CHR7:4735176	SSF x Far_LoA	-11,4788885	-0,013	0,297
CHR7	4749004	CHR7:4749004	SSF x Far_LoA	-11,5542854	0,026	0,331
CHR7	4749019	CHR7:4749019	SSF x Far_LoA	-11,8897268	0,025	0,289
CHR7	4753910	CHR7:4753910	SSF x Far_LoA	-4,87895399	-0,181	0,299
CHR7	475954	CHR7:475954	SSF x Far_LoA	-9,42566269	0,052	0,290
CHR7	476072	CHR7:476072	SSF x Far_LoA	-10,7065111	0,003	0,292
CHR7	4774166	CHR7:4774166	SSF x Far_LoA	1,58672492	0,003	0,315
CHR7	4806914	CHR7:4806914	SSF x Far_LoA	-11,270086	0,000	0,300
CHR7	4806937	CHR7:4806937	SSF x Far_LoA	-7,28182674	-0,037	0,312
CHR7	4806939	CHR7:4806939	SSF x Far_LoA	-6,8198891	-0,027	0,322
CHR7	4806989	CHR7:4806989	SSF x Far_LoA	-9,93453654	-0,010	0,307
CHR7	4808326	CHR7:4808326	SSF x Far_LoA	-10,0558291	-0,050	0,299
CHR7	4808468	CHR7:4808468	SSF x Far_LoA	-11,6317427	0,010	0,305
CHR7	4833957	CHR7:4833957	SSF x Far_LoA	-9,77950584	-0,055	0,300
CHR7	4869982	CHR7:4869982	SSF x Far_LoA	-9,36562498	0,005	0,308
CHR7	4870082	CHR7:4870082	SSF x Far_LoA	-6,84042852	0,102	0,314
CHR7	487533	CHR7:487533	SSF x Far_LoA	-8,07875292	0,010	0,317
CHR7	487558	CHR7:487558	SSF x Far_LoA	-9,13576306	-0,030	0,296
CHR7	487627	CHR7:487627	SSF x Far_LoA	-10,1793792	-0,135	0,301
CHR7	487670	CHR7:487670	SSF x Far_LoA	-11,928049	-0,051	0,315
CHR7	4880217	CHR7:4880217	SSF x Far_LoA	-10,7784955	-0,052	0,305
CHR7	4882945	CHR7:4882945	SSF x Far_LoA	-6,15171329	0,187	0,284
CHR7	4883066	CHR7:4883066	SSF x Far_LoA	-8,75493076	-0,044	0,313
CHR7	4899186	CHR7:4899186	SSF x Far_LoA	-7,78799913	-0,111	0,303
CHR7	4904164	CHR7:4904164	SSF x Far_LoA	-11,5283797	0,045	0,296
CHR7	4910439	CHR7:4910439	SSF x Far_LoA	-8,44993541	-0,134	0,309
CHR7	4910487	CHR7:4910487	SSF x Far_LoA	-9,51962129	-0,074	0,301
CHR7	4922024	CHR7:4922024	SSF x Far_LoA	-9,24147819	-0,117	0,301
CHR7	4931886	CHR7:4931886	SSF x Far_LoA	-6,63966176	-0,033	0,323
CHR7	4931923	CHR7:4931923	SSF x Far_LoA	-11,6798169	-0,047	0,301
CHR7	4931946	CHR7:4931946	SSF x Far_LoA	-8,89245587	0,191	0,295
CHR7	4931984	CHR7:4931984	SSF x Far_LoA	-8,77687479	0,104	0,301
CHR7	4932156	CHR7:4932156	SSF x Far_LoA	-10,0887708	0,023	0,309
CHR7	4934422	CHR7:4934422	SSF x Far_LoA	-5,68086918	-0,024	0,308
CHR7	4934551	CHR7:4934551	SSF x Far_LoA	-8,18999873	-0,086	0,303
CHR7	4934570	CHR7:4934570	SSF x Far_LoA	-5,91752922	-0,078	0,327
CHR7	4968549	CHR7:4968549	SSF x Far_LoA	-8,69611514	-0,006	0,312
CHR7	4996114	CHR7:4996114	SSF x Far_LoA	-9,08558779	-0,092	0,296
CHR7	4996119	CHR7:4996119	SSF x Far_LoA	-8,07976117	-0,039	0,305
CHR7	4996146	CHR7:4996146	SSF x Far_LoA	-8,29990816	0,111	0,295
CHR7	5019242	CHR7:5019242	SSF x Far_LoA	-10,8914221	-0,031	0,309

CHR7	5024026	CHR7:5024026	SSF x Far_LoA	-10,2740688	-0,099	0,310
CHR7	5028123	CHR7:5028123	SSF x Far_LoA	-8,9336013	0,039	0,303
CHR7	5028240	CHR7:5028240	SSF x Far_LoA	-11,0463415	0,026	0,306
CHR7	5031444	CHR7:5031444	SSF x Far_LoA	-11,981386	-0,013	0,294
CHR7	5031480	CHR7:5031480	SSF x Far_LoA	-11,7351863	-0,019	0,298
CHR7	5031504	CHR7:5031504	SSF x Far_LoA	-12,1119312	-0,013	0,313
CHR7	5031542	CHR7:5031542	SSF x Far_LoA	-9,45907864	-0,018	0,305
CHR7	5031546	CHR7:5031546	SSF x Far_LoA	-10,5617964	-0,031	0,294
CHR7	5031597	CHR7:5031597	SSF x Far_LoA	-9,03249679	0,074	0,316
CHR7	5032478	CHR7:5032478	SSF x Far_LoA	-5,38297128	0,038	0,312
CHR7	5032498	CHR7:5032498	SSF x Far_LoA	-9,54015952	-0,134	0,302
CHR7	5032502	CHR7:5032502	SSF x Far_LoA	-5,72104718	0,156	0,294
CHR7	5032672	CHR7:5032672	SSF x Far_LoA	-9,03127188	-0,194	0,299
CHR7	5042541	CHR7:5042541	SSF x Far_LoA	-8,25591204	0,126	0,299
CHR7	5042743	CHR7:5042743	SSF x Far_LoA	-10,3990748	-0,045	0,295
CHR7	504614	CHR7:504614	SSF x Far_LoA	-11,3947631	0,047	0,295
CHR7	504709	CHR7:504709	SSF x Far_LoA	-10,4229289	-0,026	0,305
CHR7	504720	CHR7:504720	SSF x Far_LoA	-10,0820357	-0,014	0,311
CHR7	504751	CHR7:504751	SSF x Far_LoA	-11,1290924	-0,022	0,313
CHR7	5050908	CHR7:5050908	SSF x Far_LoA	-11,1700871	0,061	0,299
CHR7	5050931	CHR7:5050931	SSF x Far_LoA	-11,7268417	0,041	0,289
CHR7	5052463	CHR7:5052463	SSF x Far_LoA	-10,9897792	0,080	0,308
CHR7	5052671	CHR7:5052671	SSF x Far_LoA	-7,45926571	0,054	0,309
CHR7	5055001	CHR7:5055001	SSF x Far_LoA	-10,7087146	0,020	0,301
CHR7	5055045	CHR7:5055045	SSF x Far_LoA	-9,59208493	-0,009	0,307
CHR7	5057358	CHR7:5057358	SSF x Far_LoA	-4,64516955	0,004	0,312
CHR7	5059347	CHR7:5059347	SSF x Far_LoA	-10,8050598	0,070	0,298
CHR7	5059497	CHR7:5059497	SSF x Far_LoA	-8,22120072	0,085	0,306
CHR7	5062533	CHR7:5062533	SSF x Far_LoA	-10,2352135	-0,060	0,300
CHR7	5063757	CHR7:5063757	SSF x Far_LoA	-9,52145549	-0,083	0,307
CHR7	5063787	CHR7:5063787	SSF x Far_LoA	-11,117932	-0,010	0,303
CHR7	5063831	CHR7:5063831	SSF x Far_LoA	-10,471474	-0,010	0,298
CHR7	5063922	CHR7:5063922	SSF x Far_LoA	-8,60230759	-0,006	0,307
CHR7	5135805	CHR7:5135805	SSF x Far_LoA	-8,88774225	-0,015	0,304
CHR7	5188048	CHR7:5188048	SSF x Far_LoA	-11,7051907	0,048	0,304
CHR7	5188165	CHR7:5188165	SSF x Far_LoA	-9,32973567	-0,056	0,301
CHR7	5188306	CHR7:5188306	SSF x Far_LoA	-11,0072335	-0,054	0,307
CHR7	5188366	CHR7:5188366	SSF x Far_LoA	-6,33732091	0,036	0,321
CHR7	5188410	CHR7:5188410	SSF x Far_LoA	-8,54679295	-0,099	0,309
CHR7	5197237	CHR7:5197237	SSF x Far_LoA	-6,10440486	0,063	0,304
CHR7	5197248	CHR7:5197248	SSF x Far_LoA	-11,3354986	0,082	0,312
CHR7	5197354	CHR7:5197354	SSF x Far_LoA	-11,9220271	0,002	0,312
CHR7	5203553	CHR7:5203553	SSF x Far_LoA	-8,04198986	-0,013	0,300
CHR7	5203708	CHR7:5203708	SSF x Far_LoA	-9,59097662	-0,037	0,322
CHR7	5203821	CHR7:5203821	SSF x Far_LoA	-10,341218	0,070	0,299
CHR7	5217324	CHR7:5217324	SSF x Far_LoA	-9,17524345	-0,032	0,308
CHR7	5218188	CHR7:5218188	SSF x Far_LoA	-11,3408026	-0,047	0,311
CHR7	5218346	CHR7:5218346	SSF x Far_LoA	-8,42821462	-0,102	0,303
CHR7	5228771	CHR7:5228771	SSF x Far_LoA	-8,3730752	-0,034	0,307
CHR7	5228837	CHR7:5228837	SSF x Far_LoA	-10,0746423	0,072	0,312
CHR7	5229057	CHR7:5229057	SSF x Far_LoA	-11,1841147	0,003	0,303
CHR7	5229060	CHR7:5229060	SSF x Far_LoA	-10,0972141	0,046	0,319
CHR7	5229144	CHR7:5229144	SSF x Far_LoA	-9,63071451	0,021	0,312

CHR7	5233334	CHR7:5233334	SSF x Far_LoA	-9,78528025	-0,013	0,315
CHR7	5233344	CHR7:5233344	SSF x Far_LoA	-9,91412615	-0,036	0,321
CHR7	5233353	CHR7:5233353	SSF x Far_LoA	-8,77764469	-0,097	0,310
CHR7	5243029	CHR7:5243029	SSF x Far_LoA	-9,04278075	-0,002	0,315
CHR7	5243236	CHR7:5243236	SSF x Far_LoA	-9,34940823	-0,101	0,299
CHR7	5243347	CHR7:5243347	SSF x Far_LoA	-10,212876	-0,048	0,310
CHR7	5243357	CHR7:5243357	SSF x Far_LoA	-10,6150264	-0,040	0,297
CHR7	5249393	CHR7:5249393	SSF x Far_LoA	-8,72599722	0,051	0,311
CHR7	5249533	CHR7:5249533	SSF x Far_LoA	-7,65462171	-0,155	0,302
CHR7	5249534	CHR7:5249534	SSF x Far_LoA	-7,68544331	-0,148	0,327
CHR7	5249553	CHR7:5249553	SSF x Far_LoA	-9,2423996	-0,024	0,311
CHR7	5251435	CHR7:5251435	SSF x Far_LoA	-11,5714951	0,095	0,304
CHR7	5251509	CHR7:5251509	SSF x Far_LoA	-11,0742407	-0,012	0,299
CHR7	5251536	CHR7:5251536	SSF x Far_LoA	-3,91191054	-0,019	0,304
CHR7	5262243	CHR7:5262243	SSF x Far_LoA	-10,1942433	-0,086	0,302
CHR7	5269313	CHR7:5269313	SSF x Far_LoA	-8,22432744	-0,017	0,304
CHR7	5269344	CHR7:5269344	SSF x Far_LoA	-11,7669899	0,038	0,292
CHR7	5269345	CHR7:5269345	SSF x Far_LoA	-8,77410544	-0,218	0,300
CHR7	527002	CHR7:527002	SSF x Far_LoA	-8,63251349	-0,120	0,314
CHR7	527028	CHR7:527028	SSF x Far_LoA	-10,1899299	0,061	0,291
CHR7	527031	CHR7:527031	SSF x Far_LoA	-10,0001004	-0,019	0,312
CHR7	5270460	CHR7:5270460	SSF x Far_LoA	-10,3275451	0,086	0,299
CHR7	5270576	CHR7:5270576	SSF x Far_LoA	-8,74916775	-0,099	0,299
CHR7	5270679	CHR7:5270679	SSF x Far_LoA	-7,341288	0,007	0,316
CHR7	5270723	CHR7:5270723	SSF x Far_LoA	-9,40389502	0,040	0,308
CHR7	527074	CHR7:527074	SSF x Far_LoA	-8,71460206	-0,013	0,304
CHR7	527187	CHR7:527187	SSF x Far_LoA	-9,91401354	0,032	0,298
CHR7	5273491	CHR7:5273491	SSF x Far_LoA	-9,27417804	-0,032	0,294
CHR7	5275388	CHR7:5275388	SSF x Far_LoA	-7,54455541	-0,068	0,311
CHR7	5282111	CHR7:5282111	SSF x Far_LoA	-5,16512687	-0,024	0,311
CHR7	5282193	CHR7:5282193	SSF x Far_LoA	-9,66032716	-0,092	0,314
CHR7	5282279	CHR7:5282279	SSF x Far_LoA	-8,638167	-0,109	0,307
CHR7	5286130	CHR7:5286130	SSF x Far_LoA	-11,7746904	0,096	0,299
CHR7	5286220	CHR7:5286220	SSF x Far_LoA	-11,1431487	0,018	0,319
CHR7	5286308	CHR7:5286308	SSF x Far_LoA	-10,2021962	-0,003	0,315
CHR7	5291615	CHR7:5291615	SSF x Far_LoA	-0,6778782	-0,017	0,312
CHR7	5307746	CHR7:5307746	SSF x Far_LoA	-8,40312241	0,050	0,327
CHR7	5307812	CHR7:5307812	SSF x Far_LoA	-9,85565662	-0,053	0,308
CHR7	5307851	CHR7:5307851	SSF x Far_LoA	-8,52054719	-0,160	0,300
CHR7	5321681	CHR7:5321681	SSF x Far_LoA	-8,50348443	-0,075	0,307
CHR7	5321703	CHR7:5321703	SSF x Far_LoA	-10,4036995	0,136	0,293
CHR7	5321734	CHR7:5321734	SSF x Far_LoA	-8,93480503	-0,069	0,300
CHR7	5321755	CHR7:5321755	SSF x Far_LoA	-10,4516915	0,101	0,303
CHR7	5321767	CHR7:5321767	SSF x Far_LoA	-8,57841119	-0,068	0,298
CHR7	5321769	CHR7:5321769	SSF x Far_LoA	-9,03501381	-0,063	0,302
CHR7	5331764	CHR7:5331764	SSF x Far_LoA	-9,14878021	0,104	0,307
CHR7	5331785	CHR7:5331785	SSF x Far_LoA	-9,03125453	0,051	0,307
CHR7	5331836	CHR7:5331836	SSF x Far_LoA	-7,13413645	0,162	0,303
CHR7	5337135	CHR7:5337135	SSF x Far_LoA	-10,5511853	-0,083	0,302
CHR7	5337306	CHR7:5337306	SSF x Far_LoA	-10,340307	0,002	0,308
CHR7	5337339	CHR7:5337339	SSF x Far_LoA	-7,80306868	0,106	0,297
CHR7	5337351	CHR7:5337351	SSF x Far_LoA	-8,70859858	0,055	0,300
CHR7	5338843	CHR7:5338843	SSF x Far_LoA	-12,8769282	0,057	0,293

CHR7	5343154	CHR7:5343154	SSF x Far_LoA	-9,03613656	0,074	0,300
CHR7	5359142	CHR7:5359142	SSF x Far_LoA	-10,6697172	0,052	0,312
CHR7	5359229	CHR7:5359229	SSF x Far_LoA	-3,11164254	0,029	0,313
CHR7	5359251	CHR7:5359251	SSF x Far_LoA	-9,32729723	0,060	0,313
CHR7	5363248	CHR7:5363248	SSF x Far_LoA	-9,18158765	0,041	0,305
CHR7	5381737	CHR7:5381737	SSF x Far_LoA	-7,35376768	-0,122	0,311
CHR7	5381770	CHR7:5381770	SSF x Far_LoA	-10,3783028	0,046	0,314
CHR7	5381807	CHR7:5381807	SSF x Far_LoA	-7,02543508	0,127	0,306
CHR7	538402	CHR7:538402	SSF x Far_LoA	-11,2723206	-0,080	0,299
CHR7	538448	CHR7:538448	SSF x Far_LoA	-7,77844823	-0,079	0,314
CHR7	5387613	CHR7:5387613	SSF x Far_LoA	-9,08580486	-0,004	0,315
CHR7	5387648	CHR7:5387648	SSF x Far_LoA	-10,8904721	0,015	0,309
CHR7	5394602	CHR7:5394602	SSF x Far_LoA	-5,37100548	-0,041	0,305
CHR7	5394705	CHR7:5394705	SSF x Far_LoA	-10,0393597	-0,041	0,315
CHR7	5396518	CHR7:5396518	SSF x Far_LoA	-11,6515285	0,025	0,298
CHR7	5396524	CHR7:5396524	SSF x Far_LoA	-7,19879284	-0,051	0,315
CHR7	5396851	CHR7:5396851	SSF x Far_LoA	-10,4619008	-0,013	0,291
CHR7	5396896	CHR7:5396896	SSF x Far_LoA	-6,70972211	0,128	0,305
CHR7	5396917	CHR7:5396917	SSF x Far_LoA	-9,93187339	0,023	0,301
CHR7	5396964	CHR7:5396964	SSF x Far_LoA	-7,26259922	-0,110	0,300
CHR7	5398017	CHR7:5398017	SSF x Far_LoA	-7,35945393	0,168	0,315
CHR7	5398302	CHR7:5398302	SSF x Far_LoA	-10,1470421	-0,088	0,299
CHR7	5398308	CHR7:5398308	SSF x Far_LoA	-7,17541371	0,030	0,311
CHR7	5398321	CHR7:5398321	SSF x Far_LoA	-8,60237524	-0,079	0,295
CHR7	5398352	CHR7:5398352	SSF x Far_LoA	-9,59446625	0,010	0,295
CHR7	5398357	CHR7:5398357	SSF x Far_LoA	-6,28659827	0,107	0,315
CHR7	5398394	CHR7:5398394	SSF x Far_LoA	-10,7545863	0,024	0,318
CHR7	5402250	CHR7:5402250	SSF x Far_LoA	-8,76079453	-0,078	0,298
CHR7	5402261	CHR7:5402261	SSF x Far_LoA	-6,71386727	0,011	0,312
CHR7	5402655	CHR7:5402655	SSF x Far_LoA	-9,51883273	0,085	0,297
CHR7	5402657	CHR7:5402657	SSF x Far_LoA	-9,59769864	-0,035	0,317
CHR7	5402686	CHR7:5402686	SSF x Far_LoA	-9,8782951	0,107	0,297
CHR7	5403803	CHR7:5403803	SSF x Far_LoA	-11,2653407	-0,041	0,322
CHR7	5406977	CHR7:5406977	SSF x Far_LoA	-9,11839795	-0,045	0,308
CHR7	5406983	CHR7:5406983	SSF x Far_LoA	-10,2443535	0,029	0,305
CHR7	5406988	CHR7:5406988	SSF x Far_LoA	-9,1595543	0,042	0,303
CHR7	5406999	CHR7:5406999	SSF x Far_LoA	-8,28080358	0,042	0,317
CHR7	5407009	CHR7:5407009	SSF x Far_LoA	-10,0988288	0,061	0,298
CHR7	5407016	CHR7:5407016	SSF x Far_LoA	-10,4210283	0,091	0,307
CHR7	5407110	CHR7:5407110	SSF x Far_LoA	-7,47841148	0,110	0,317
CHR7	5407137	CHR7:5407137	SSF x Far_LoA	-9,80388451	-0,005	0,312
CHR7	5407154	CHR7:5407154	SSF x Far_LoA	-9,24984393	-0,016	0,302
CHR7	5407209	CHR7:5407209	SSF x Far_LoA	-10,6890935	0,030	0,320
CHR7	5408886	CHR7:5408886	SSF x Far_LoA	-12,2137543	0,011	0,315
CHR7	5408966	CHR7:5408966	SSF x Far_LoA	-10,4571838	-0,037	0,308
CHR7	5409117	CHR7:5409117	SSF x Far_LoA	-8,82188322	0,084	0,300
CHR7	5410577	CHR7:5410577	SSF x Far_LoA	-11,2463876	-0,073	0,327
CHR7	5410587	CHR7:5410587	SSF x Far_LoA	-11,0123665	0,048	0,304
CHR7	5410656	CHR7:5410656	SSF x Far_LoA	-7,88228641	-0,147	0,285
CHR7	5410693	CHR7:5410693	SSF x Far_LoA	-7,58913709	-0,037	0,303
CHR7	5410713	CHR7:5410713	SSF x Far_LoA	-9,35668872	-0,023	0,300
CHR7	5410767	CHR7:5410767	SSF x Far_LoA	-8,53169103	-0,080	0,307
CHR7	5410817	CHR7:5410817	SSF x Far_LoA	-9,31681775	0,077	0,310

CHR7	5426496	CHR7:5426496	SSF x Far_LoA	-8,76207375	-0,011	0,303
CHR7	5426507	CHR7:5426507	SSF x Far_LoA	-8,63814566	0,199	0,293
CHR7	5426519	CHR7:5426519	SSF x Far_LoA	-6,71733364	-0,025	0,314
CHR7	5426577	CHR7:5426577	SSF x Far_LoA	-7,91528002	0,021	0,306
CHR7	5426641	CHR7:5426641	SSF x Far_LoA	-8,18817666	-0,123	0,310
CHR7	5426668	CHR7:5426668	SSF x Far_LoA	-8,54681422	0,002	0,318
CHR7	5426695	CHR7:5426695	SSF x Far_LoA	-8,35469165	-0,016	0,309
CHR7	5427904	CHR7:5427904	SSF x Far_LoA	-2,1773657	-0,055	0,300
CHR7	5427905	CHR7:5427905	SSF x Far_LoA	-12,1914676	0,036	0,290
CHR7	5427965	CHR7:5427965	SSF x Far_LoA	-8,4019374	-0,066	0,308
CHR7	5427970	CHR7:5427970	SSF x Far_LoA	-8,62325453	0,191	0,296
CHR7	5427971	CHR7:5427971	SSF x Far_LoA	-6,88658405	-0,058	0,310
CHR7	5427973	CHR7:5427973	SSF x Far_LoA	-7,97428652	0,019	0,312
CHR7	5427981	CHR7:5427981	SSF x Far_LoA	-9,69773383	-0,093	0,315
CHR7	5428014	CHR7:5428014	SSF x Far_LoA	-8,00379152	-0,111	0,313
CHR7	5429571	CHR7:5429571	SSF x Far_LoA	-10,7300223	0,026	0,293
CHR7	5429647	CHR7:5429647	SSF x Far_LoA	-8,31869849	0,032	0,303
CHR7	5429650	CHR7:5429650	SSF x Far_LoA	-8,44260401	0,043	0,318
CHR7	5429651	CHR7:5429651	SSF x Far_LoA	-0,40411805	-0,153	0,297
CHR7	5429697	CHR7:5429697	SSF x Far_LoA	-7,94697887	-0,051	0,315
CHR7	543208	CHR7:543208	SSF x Far_LoA	-12,0186143	0,001	0,298
CHR7	543357	CHR7:543357	SSF x Far_LoA	-9,60934954	-0,116	0,307
CHR7	543404	CHR7:543404	SSF x Far_LoA	-10,1037237	-0,058	0,305
CHR7	5441741	CHR7:5441741	SSF x Far_LoA	-9,00400194	-0,037	0,297
CHR7	544898	CHR7:544898	SSF x Far_LoA	-4,81411189	0,193	0,301
CHR7	544918	CHR7:544918	SSF x Far_LoA	-8,97595244	0,085	0,316
CHR7	544964	CHR7:544964	SSF x Far_LoA	-5,10190752	0,191	0,304
CHR7	544986	CHR7:544986	SSF x Far_LoA	-8,87791917	0,079	0,299
CHR7	545052	CHR7:545052	SSF x Far_LoA	-9,60838399	-0,139	0,303
CHR7	5455651	CHR7:5455651	SSF x Far_LoA	-11,2404521	-0,037	0,298
CHR7	5455693	CHR7:5455693	SSF x Far_LoA	-7,8480365	-0,169	0,301
CHR7	5455710	CHR7:5455710	SSF x Far_LoA	-11,3761485	-0,001	0,311
CHR7	5455741	CHR7:5455741	SSF x Far_LoA	-9,57867203	0,009	0,311
CHR7	5455783	CHR7:5455783	SSF x Far_LoA	-6,85860654	0,130	0,296
CHR7	5472176	CHR7:5472176	SSF x Far_LoA	-8,38276767	0,023	0,317
CHR7	5472209	CHR7:5472209	SSF x Far_LoA	-4,61833236	0,003	0,308
CHR7	5480655	CHR7:5480655	SSF x Far_LoA	-8,88795754	0,077	0,300
CHR7	5495459	CHR7:5495459	SSF x Far_LoA	-7,37462164	-0,092	0,305
CHR7	5495669	CHR7:5495669	SSF x Far_LoA	-11,9062856	0,000	0,310
CHR7	5496666	CHR7:5496666	SSF x Far_LoA	-8,13910352	-0,032	0,313
CHR7	5496813	CHR7:5496813	SSF x Far_LoA	-8,27698262	-0,004	0,318
CHR7	5515083	CHR7:5515083	SSF x Far_LoA	-8,87270016	-0,035	0,311
CHR7	5522009	CHR7:5522009	SSF x Far_LoA	-8,42609158	0,017	0,289
CHR7	5522059	CHR7:5522059	SSF x Far_LoA	-6,18067785	0,056	0,300
CHR7	5525947	CHR7:5525947	SSF x Far_LoA	-10,7798294	-0,026	0,302
CHR7	5525960	CHR7:5525960	SSF x Far_LoA	-9,6335736	0,065	0,301
CHR7	5526010	CHR7:5526010	SSF x Far_LoA	-9,47828196	-0,028	0,300
CHR7	553371	CHR7:553371	SSF x Far_LoA	-10,852269	-0,049	0,307
CHR7	553393	CHR7:553393	SSF x Far_LoA	-8,51953186	0,072	0,314
CHR7	553418	CHR7:553418	SSF x Far_LoA	-10,5444335	-0,050	0,290
CHR7	5534193	CHR7:5534193	SSF x Far_LoA	-9,54878	-0,044	0,303
CHR7	553422	CHR7:553422	SSF x Far_LoA	-8,6857706	-0,028	0,311
CHR7	5534278	CHR7:5534278	SSF x Far_LoA	-6,7920026	-0,133	0,306

CHR7	553468	CHR7:553468	SSF x Far_LoA	-1,67882086	0,193	0,291
CHR7	5546130	CHR7:5546130	SSF x Far_LoA	-9,16513312	-0,063	0,317
CHR7	5546313	CHR7:5546313	SSF x Far_LoA	-9,38891641	0,152	0,301
CHR7	5565947	CHR7:5565947	SSF x Far_LoA	-11,01082	0,023	0,320
CHR7	5566019	CHR7:5566019	SSF x Far_LoA	-10,6534916	-0,109	0,294
CHR7	5566061	CHR7:5566061	SSF x Far_LoA	-11,2400078	-0,009	0,318
CHR7	5567165	CHR7:5567165	SSF x Far_LoA	-11,5473586	-0,054	0,302
CHR7	5567373	CHR7:5567373	SSF x Far_LoA	-8,26134224	0,155	0,295
CHR7	5578194	CHR7:5578194	SSF x Far_LoA	-11,1128135	-0,108	0,294
CHR7	5585354	CHR7:5585354	SSF x Far_LoA	-7,29490942	-0,156	0,308
CHR7	5585423	CHR7:5585423	SSF x Far_LoA	-10,8225563	0,004	0,303
CHR7	5585478	CHR7:5585478	SSF x Far_LoA	-9,62102247	-0,143	0,316
CHR7	5585562	CHR7:5585562	SSF x Far_LoA	-8,94407757	0,077	0,288
CHR7	5585571	CHR7:5585571	SSF x Far_LoA	-10,2073854	-0,125	0,307
CHR7	5585612	CHR7:5585612	SSF x Far_LoA	-9,22391874	0,137	0,283
CHR7	5595604	CHR7:5595604	SSF x Far_LoA	-9,15814685	0,043	0,285
CHR7	5595607	CHR7:5595607	SSF x Far_LoA	-8,92020523	-0,108	0,291
CHR7	5595646	CHR7:5595646	SSF x Far_LoA	-9,56440731	-0,088	0,306
CHR7	5595713	CHR7:5595713	SSF x Far_LoA	-4,11669653	0,144	0,313
CHR7	5595718	CHR7:5595718	SSF x Far_LoA	-8,08256091	0,140	0,305
CHR7	5595732	CHR7:5595732	SSF x Far_LoA	-8,77892988	-0,017	0,312
CHR7	5595741	CHR7:5595741	SSF x Far_LoA	-11,3090668	-0,116	0,296
CHR7	5595798	CHR7:5595798	SSF x Far_LoA	-5,95426919	0,175	0,295
CHR7	560136	CHR7:560136	SSF x Far_LoA	-9,94240392	-0,080	0,304
CHR7	5602412	CHR7:5602412	SSF x Far_LoA	-11,2575872	0,039	0,312
CHR7	5602500	CHR7:5602500	SSF x Far_LoA	-11,3800404	0,031	0,308
CHR7	5602510	CHR7:5602510	SSF x Far_LoA	-8,53012711	-0,159	0,296
CHR7	563621	CHR7:563621	SSF x Far_LoA	-11,9808062	0,008	0,314
CHR7	563774	CHR7:563774	SSF x Far_LoA	-8,52384213	-0,109	0,305
CHR7	5640801	CHR7:5640801	SSF x Far_LoA	-10,1019151	-0,072	0,308
CHR7	5640838	CHR7:5640838	SSF x Far_LoA	-8,2933685	0,036	0,301
CHR7	5656487	CHR7:5656487	SSF x Far_LoA	-9,04684452	0,091	0,289
CHR7	5678406	CHR7:5678406	SSF x Far_LoA	-8,58521612	0,045	0,307
CHR7	56873	CHR7:56873	SSF x Far_LoA	-9,76635427	0,080	0,298
CHR7	5689135	CHR7:5689135	SSF x Far_LoA	-10,5499642	0,027	0,306
CHR7	5689240	CHR7:5689240	SSF x Far_LoA	-10,6120901	-0,011	0,293
CHR7	5689254	CHR7:5689254	SSF x Far_LoA	-10,953429	-0,012	0,303
CHR7	5689307	CHR7:5689307	SSF x Far_LoA	-10,6998648	0,024	0,313
CHR7	5692023	CHR7:5692023	SSF x Far_LoA	-8,7022901	0,004	0,294
CHR7	5694041	CHR7:5694041	SSF x Far_LoA	-11,4856914	0,010	0,300
CHR7	5701009	CHR7:5701009	SSF x Far_LoA	-8,41466401	-0,017	0,311
CHR7	5701049	CHR7:5701049	SSF x Far_LoA	-9,68633921	0,051	0,310
CHR7	5701067	CHR7:5701067	SSF x Far_LoA	-10,4352517	0,047	0,302
CHR7	5701490	CHR7:5701490	SSF x Far_LoA	-11,5244306	0,081	0,304
CHR7	5710852	CHR7:5710852	SSF x Far_LoA	-9,41677641	0,034	0,302
CHR7	5710937	CHR7:5710937	SSF x Far_LoA	-9,4091971	0,063	0,306
CHR7	5711097	CHR7:5711097	SSF x Far_LoA	-8,12526514	-0,026	0,313
CHR7	5728921	CHR7:5728921	SSF x Far_LoA	-8,6929793	-0,127	0,309
CHR7	5729011	CHR7:5729011	SSF x Far_LoA	-9,79165351	0,088	0,305
CHR7	5729036	CHR7:5729036	SSF x Far_LoA	-11,0374206	-0,044	0,308
CHR7	5729040	CHR7:5729040	SSF x Far_LoA	-10,5862121	-0,066	0,297
CHR7	5736088	CHR7:5736088	SSF x Far_LoA	-10,2958734	-0,062	0,307
CHR7	5736104	CHR7:5736104	SSF x Far_LoA	-8,81941761	0,039	0,294

CHR7	5736118	CHR7:5736118	SSF x Far_LoA	-10,885673	-0,049	0,313
CHR7	5745511	CHR7:5745511	SSF x Far_LoA	-10,9117862	0,029	0,314
CHR7	5751475	CHR7:5751475	SSF x Far_LoA	-9,28364035	0,006	0,304
CHR7	5751546	CHR7:5751546	SSF x Far_LoA	-11,864273	0,028	0,294
CHR7	5759081	CHR7:5759081	SSF x Far_LoA	-6,43167442	0,160	0,293
CHR7	5759196	CHR7:5759196	SSF x Far_LoA	-8,97545272	-0,122	0,317
CHR7	5759253	CHR7:5759253	SSF x Far_LoA	-8,16045002	-0,042	0,297
CHR7	5768455	CHR7:5768455	SSF x Far_LoA	-9,02223186	-0,102	0,289
CHR7	5768470	CHR7:5768470	SSF x Far_LoA	-8,54540708	-0,092	0,298
CHR7	5768494	CHR7:5768494	SSF x Far_LoA	-9,08987837	-0,080	0,294
CHR7	5778587	CHR7:5778587	SSF x Far_LoA	-9,16864809	0,093	0,290
CHR7	5785031	CHR7:5785031	SSF x Far_LoA	-8,62804092	0,057	0,317
CHR7	5785054	CHR7:5785054	SSF x Far_LoA	-9,34777299	0,122	0,283
CHR7	5785088	CHR7:5785088	SSF x Far_LoA	-9,19906969	-0,027	0,296
CHR7	5785129	CHR7:5785129	SSF x Far_LoA	-8,49020673	0,040	0,319
CHR7	5793020	CHR7:5793020	SSF x Far_LoA	-8,27126457	-0,072	0,317
CHR7	5793037	CHR7:5793037	SSF x Far_LoA	-8,92020978	-0,032	0,312
CHR7	5798923	CHR7:5798923	SSF x Far_LoA	-8,33526645	0,009	0,301
CHR7	5798957	CHR7:5798957	SSF x Far_LoA	-8,92546871	0,073	0,311
CHR7	5798961	CHR7:5798961	SSF x Far_LoA	-6,56404852	-0,054	0,314
CHR7	5798992	CHR7:5798992	SSF x Far_LoA	-3,57262236	0,047	0,318
CHR7	5798993	CHR7:5798993	SSF x Far_LoA	-9,70992363	0,095	0,306
CHR7	5801489	CHR7:5801489	SSF x Far_LoA	-9,14935111	0,032	0,296
CHR7	5801624	CHR7:5801624	SSF x Far_LoA	-9,24828478	0,042	0,305
CHR7	5801682	CHR7:5801682	SSF x Far_LoA	-10,0308229	0,016	0,308
CHR7	5820446	CHR7:5820446	SSF x Far_LoA	-10,751744	-0,094	0,315
CHR7	5826094	CHR7:5826094	SSF x Far_LoA	-9,06840686	-0,134	0,288
CHR7	5826119	CHR7:5826119	SSF x Far_LoA	-8,59789338	0,101	0,294
CHR7	5826151	CHR7:5826151	SSF x Far_LoA	-8,5399573	-0,156	0,299
CHR7	5826182	CHR7:5826182	SSF x Far_LoA	-6,52261111	-0,170	0,300
CHR7	5830676	CHR7:5830676	SSF x Far_LoA	-10,7202794	-0,100	0,314
CHR7	5830708	CHR7:5830708	SSF x Far_LoA	-11,4241042	0,039	0,301
CHR7	5830743	CHR7:5830743	SSF x Far_LoA	-5,60530818	-0,021	0,319
CHR7	5830778	CHR7:5830778	SSF x Far_LoA	-9,77250546	0,132	0,312
CHR7	5836163	CHR7:5836163	SSF x Far_LoA	-10,070906	-0,014	0,308
CHR7	5836167	CHR7:5836167	SSF x Far_LoA	-10,2213144	0,007	0,306
CHR7	5836257	CHR7:5836257	SSF x Far_LoA	-8,78973375	0,052	0,306
CHR7	5836271	CHR7:5836271	SSF x Far_LoA	-10,917935	0,002	0,300
CHR7	5836342	CHR7:5836342	SSF x Far_LoA	-9,46418874	-0,079	0,309
CHR7	5846961	CHR7:5846961	SSF x Far_LoA	-11,2492116	0,018	0,306
CHR7	5846997	CHR7:5846997	SSF x Far_LoA	-9,66385745	-0,079	0,301
CHR7	5847182	CHR7:5847182	SSF x Far_LoA	-8,77283484	0,053	0,312
CHR7	5848375	CHR7:5848375	SSF x Far_LoA	-11,5861906	0,044	0,302
CHR7	5848379	CHR7:5848379	SSF x Far_LoA	-9,19149268	0,051	0,296
CHR7	5848386	CHR7:5848386	SSF x Far_LoA	-8,62657644	0,101	0,287
CHR7	5848398	CHR7:5848398	SSF x Far_LoA	-10,6394575	0,033	0,291
CHR7	5853021	CHR7:5853021	SSF x Far_LoA	-9,66897587	0,004	0,310
CHR7	5863280	CHR7:5863280	SSF x Far_LoA	-7,76315985	0,011	0,317
CHR7	5863299	CHR7:5863299	SSF x Far_LoA	-10,5127023	-0,010	0,300
CHR7	5868623	CHR7:5868623	SSF x Far_LoA	-6,08574695	0,116	0,323
CHR7	5869598	CHR7:5869598	SSF x Far_LoA	-10,2203244	-0,051	0,316
CHR7	5869614	CHR7:5869614	SSF x Far_LoA	-10,7587764	0,019	0,307
CHR7	5870152	CHR7:5870152	SSF x Far_LoA	-6,6677436	0,005	0,301

CHR7	5876658	CHR7:5876658	SSF x Far_LoA	-9,57402785	0,046	0,296
CHR7	588700	CHR7:588700	SSF x Far_LoA	-7,7586478	0,098	0,312
CHR7	588701	CHR7:588701	SSF x Far_LoA	-8,44511714	0,079	0,302
CHR7	588718	CHR7:588718	SSF x Far_LoA	-7,888893	-0,133	0,292
CHR7	588732	CHR7:588732	SSF x Far_LoA	-8,92435832	0,083	0,305
CHR7	5894759	CHR7:5894759	SSF x Far_LoA	-10,2402171	-0,031	0,310
CHR7	5894781	CHR7:5894781	SSF x Far_LoA	-9,16314724	0,027	0,305
CHR7	5894829	CHR7:5894829	SSF x Far_LoA	-9,31075356	-0,045	0,320
CHR7	5906020	CHR7:5906020	SSF x Far_LoA	-10,392904	-0,060	0,304
CHR7	5906025	CHR7:5906025	SSF x Far_LoA	-11,4613614	-0,028	0,295
CHR7	5906088	CHR7:5906088	SSF x Far_LoA	-10,2964243	-0,065	0,300
CHR7	5906111	CHR7:5906111	SSF x Far_LoA	-10,6279139	-0,025	0,311
CHR7	5914132	CHR7:5914132	SSF x Far_LoA	-10,0345432	-0,062	0,307
CHR7	5914143	CHR7:5914143	SSF x Far_LoA	-8,91881364	0,089	0,302
CHR7	5914173	CHR7:5914173	SSF x Far_LoA	-8,72637653	0,042	0,305
CHR7	5916146	CHR7:5916146	SSF x Far_LoA	-9,43607321	0,052	0,298
CHR7	5916165	CHR7:5916165	SSF x Far_LoA	-4,94635834	-0,012	0,298
CHR7	5918046	CHR7:5918046	SSF x Far_LoA	-7,41184835	0,066	0,307
CHR7	5918176	CHR7:5918176	SSF x Far_LoA	-7,37991525	-0,025	0,315
CHR7	5918177	CHR7:5918177	SSF x Far_LoA	-3,26054861	-0,052	0,309
CHR7	5918183	CHR7:5918183	SSF x Far_LoA	-11,1549488	-0,080	0,295
CHR7	5930310	CHR7:5930310	SSF x Far_LoA	-10,9657284	-0,049	0,300
CHR7	5933214	CHR7:5933214	SSF x Far_LoA	-11,0367971	0,050	0,313
CHR7	5933319	CHR7:5933319	SSF x Far_LoA	-11,0655503	-0,029	0,306
CHR7	5939593	CHR7:5939593	SSF x Far_LoA	-8,22548791	-0,089	0,309
CHR7	5939843	CHR7:5939843	SSF x Far_LoA	-7,46105265	0,027	0,304
CHR7	5939847	CHR7:5939847	SSF x Far_LoA	-8,86161428	-0,063	0,311
CHR7	5941540	CHR7:5941540	SSF x Far_LoA	-7,16468929	0,109	0,295
CHR7	5941607	CHR7:5941607	SSF x Far_LoA	-7,63519508	-0,156	0,303
CHR7	5941629	CHR7:5941629	SSF x Far_LoA	-6,17164182	0,251	0,287
CHR7	5948630	CHR7:5948630	SSF x Far_LoA	-6,50082117	-0,038	0,309
CHR7	5948732	CHR7:5948732	SSF x Far_LoA	-8,27540688	-0,025	0,320
CHR7	5948828	CHR7:5948828	SSF x Far_LoA	-7,45123102	-0,053	0,309
CHR7	5948860	CHR7:5948860	SSF x Far_LoA	-8,4588883	-0,029	0,305
CHR7	5948861	CHR7:5948861	SSF x Far_LoA	-6,92199804	-0,007	0,310
CHR7	5950204	CHR7:5950204	SSF x Far_LoA	-3,80778656	-0,070	0,304
CHR7	5960188	CHR7:5960188	SSF x Far_LoA	-8,56490744	0,029	0,307
CHR7	5969231	CHR7:5969231	SSF x Far_LoA	-10,0851484	-0,039	0,289
CHR7	5969243	CHR7:5969243	SSF x Far_LoA	-8,37155565	-0,056	0,308
CHR7	5969294	CHR7:5969294	SSF x Far_LoA	-9,6066609	-0,015	0,307
CHR7	5976258	CHR7:5976258	SSF x Far_LoA	-5,71087266	0,007	0,322
CHR7	5976498	CHR7:5976498	SSF x Far_LoA	-7,34055974	-0,093	0,309
CHR7	5979561	CHR7:5979561	SSF x Far_LoA	-9,35938785	0,041	0,312
CHR7	5983513	CHR7:5983513	SSF x Far_LoA	-6,14818362	-0,195	0,308
CHR7	5988277	CHR7:5988277	SSF x Far_LoA	-10,3318175	-0,047	0,310
CHR7	5988304	CHR7:5988304	SSF x Far_LoA	-9,08054758	0,009	0,307
CHR7	5988310	CHR7:5988310	SSF x Far_LoA	-9,84452651	-0,051	0,312
CHR7	5988363	CHR7:5988363	SSF x Far_LoA	-10,8135924	-0,041	0,309
CHR7	6004448	CHR7:6004448	SSF x Far_LoA	-9,23338806	0,082	0,315
CHR7	6016153	CHR7:6016153	SSF x Far_LoA	-11,379831	-0,031	0,319
CHR7	6016232	CHR7:6016232	SSF x Far_LoA	-9,05901369	0,185	0,289
CHR7	6016235	CHR7:6016235	SSF x Far_LoA	-9,90604874	-0,070	0,314
CHR7	6029774	CHR7:6029774	SSF x Far_LoA	-8,48388443	0,097	0,300

CHR7	6029819	CHR7:6029819	SSF x Far_LoA	-11,5276724	-0,070	0,313
CHR7	6034640	CHR7:6034640	SSF x Far_LoA	-8,51751448	-0,028	0,317
CHR7	6054358	CHR7:6054358	SSF x Far_LoA	-9,66546074	-0,017	0,308
CHR7	6054524	CHR7:6054524	SSF x Far_LoA	-9,89861658	0,047	0,309
CHR7	606550	CHR7:606550	SSF x Far_LoA	-11,2653005	0,031	0,299
CHR7	606588	CHR7:606588	SSF x Far_LoA	-4,55683305	-0,195	0,293
CHR7	6070587	CHR7:6070587	SSF x Far_LoA	-7,06648885	-0,091	0,305
CHR7	6070627	CHR7:6070627	SSF x Far_LoA	-8,6890663	0,073	0,314
CHR7	6070632	CHR7:6070632	SSF x Far_LoA	-10,7045421	-0,037	0,302
CHR7	6070635	CHR7:6070635	SSF x Far_LoA	-10,6003609	0,102	0,310
CHR7	6070979	CHR7:6070979	SSF x Far_LoA	-9,73441423	0,124	0,289
CHR7	6070991	CHR7:6070991	SSF x Far_LoA	-9,1563237	0,079	0,303
CHR7	6070995	CHR7:6070995	SSF x Far_LoA	-10,681729	0,050	0,296
CHR7	6071001	CHR7:6071001	SSF x Far_LoA	-10,1549562	0,090	0,315
CHR7	6073221	CHR7:6073221	SSF x Far_LoA	-6,44604352	0,061	0,313
CHR7	607545	CHR7:607545	SSF x Far_LoA	-8,42211237	-0,011	0,311
CHR7	6082451	CHR7:6082451	SSF x Far_LoA	-10,6270716	-0,043	0,315
CHR7	6082541	CHR7:6082541	SSF x Far_LoA	-8,48229746	-0,026	0,311
CHR7	6084128	CHR7:6084128	SSF x Far_LoA	-9,13732055	-0,137	0,307
CHR7	6084136	CHR7:6084136	SSF x Far_LoA	-8,41161706	-0,008	0,306
CHR7	6084141	CHR7:6084141	SSF x Far_LoA	-8,60041233	-0,113	0,298
CHR7	6084143	CHR7:6084143	SSF x Far_LoA	-9,32211765	-0,103	0,292
CHR7	6084187	CHR7:6084187	SSF x Far_LoA	-6,83173308	-0,152	0,301
CHR7	6087780	CHR7:6087780	SSF x Far_LoA	-11,3617839	-0,052	0,293
CHR7	6087796	CHR7:6087796	SSF x Far_LoA	-8,89894051	-0,033	0,312
CHR7	6087837	CHR7:6087837	SSF x Far_LoA	-5,67985551	-0,067	0,308
CHR7	6088553	CHR7:6088553	SSF x Far_LoA	-9,66001806	0,053	0,313
CHR7	6088603	CHR7:6088603	SSF x Far_LoA	-12,7634613	-0,012	0,307
CHR7	6093629	CHR7:6093629	SSF x Far_LoA	-10,107046	0,002	0,305
CHR7	6093672	CHR7:6093672	SSF x Far_LoA	-6,83060553	0,039	0,311
CHR7	6093682	CHR7:6093682	SSF x Far_LoA	-12,1478015	-0,008	0,304
CHR7	6093859	CHR7:6093859	SSF x Far_LoA	-5,18527207	-0,081	0,298
CHR7	6097669	CHR7:6097669	SSF x Far_LoA	-12,141494	-0,024	0,310
CHR7	6097742	CHR7:6097742	SSF x Far_LoA	-10,0175897	-0,086	0,300
CHR7	6108459	CHR7:6108459	SSF x Far_LoA	-9,05268446	0,058	0,320
CHR7	6108474	CHR7:6108474	SSF x Far_LoA	-9,25438108	0,061	0,302
CHR7	6121199	CHR7:6121199	SSF x Far_LoA	-10,5034042	0,062	0,303
CHR7	6123831	CHR7:6123831	SSF x Far_LoA	-10,5085977	0,061	0,311
CHR7	6123873	CHR7:6123873	SSF x Far_LoA	-4,73425371	-0,001	0,306
CHR7	6123937	CHR7:6123937	SSF x Far_LoA	-9,86243878	-0,013	0,312
CHR7	612527	CHR7:612527	SSF x Far_LoA	-8,75724193	-0,128	0,303
CHR7	612618	CHR7:612618	SSF x Far_LoA	-7,54981118	0,012	0,312
CHR7	612630	CHR7:612630	SSF x Far_LoA	-10,4533457	-0,008	0,314
CHR7	612695	CHR7:612695	SSF x Far_LoA	-10,076654	0,038	0,300
CHR7	6127393	CHR7:6127393	SSF x Far_LoA	-11,3154641	-0,015	0,292
CHR7	6139207	CHR7:6139207	SSF x Far_LoA	-10,2217369	-0,075	0,307
CHR7	6139228	CHR7:6139228	SSF x Far_LoA	-8,88940833	0,017	0,306
CHR7	6139233	CHR7:6139233	SSF x Far_LoA	-11,3847106	0,016	0,311
CHR7	6139279	CHR7:6139279	SSF x Far_LoA	-10,0684996	-0,010	0,311
CHR7	6144786	CHR7:6144786	SSF x Far_LoA	-9,3740373	-0,026	0,309
CHR7	6159586	CHR7:6159586	SSF x Far_LoA	-10,5795149	0,024	0,310
CHR7	6162934	CHR7:6162934	SSF x Far_LoA	-6,14580976	-0,058	0,315
CHR7	6162998	CHR7:6162998	SSF x Far_LoA	-8,98763475	0,041	0,310

CHR7	6174720	CHR7:6174720	SSF x Far_LoA	-6,52233146	0,023	0,305
CHR7	6174782	CHR7:6174782	SSF x Far_LoA	-10,8300813	-0,036	0,307
CHR7	6183068	CHR7:6183068	SSF x Far_LoA	-8,05398208	-0,095	0,314
CHR7	6186509	CHR7:6186509	SSF x Far_LoA	-9,37834278	0,136	0,303
CHR7	6186522	CHR7:6186522	SSF x Far_LoA	-10,9407324	-0,029	0,315
CHR7	6186535	CHR7:6186535	SSF x Far_LoA	-8,8093335	-0,110	0,304
CHR7	6186582	CHR7:6186582	SSF x Far_LoA	-9,54464314	0,042	0,298
CHR7	6186620	CHR7:6186620	SSF x Far_LoA	-9,94596283	0,081	0,306
CHR7	6216005	CHR7:6216005	SSF x Far_LoA	-10,8888214	-0,111	0,306
CHR7	6248704	CHR7:6248704	SSF x Far_LoA	-11,4713657	-0,029	0,303
CHR7	6253975	CHR7:6253975	SSF x Far_LoA	-11,0928943	-0,016	0,307
CHR7	6263665	CHR7:6263665	SSF x Far_LoA	-11,4610397	-0,017	0,297
CHR7	6289143	CHR7:6289143	SSF x Far_LoA	-10,3542181	-0,031	0,307
CHR7	6289234	CHR7:6289234	SSF x Far_LoA	-8,73857811	0,056	0,310
CHR7	6310647	CHR7:6310647	SSF x Far_LoA	-10,5918484	0,020	0,310
CHR7	6310671	CHR7:6310671	SSF x Far_LoA	-7,96632301	-0,091	0,294
CHR7	6321557	CHR7:6321557	SSF x Far_LoA	-11,2021585	0,041	0,299
CHR7	6321619	CHR7:6321619	SSF x Far_LoA	-8,00057416	-0,068	0,301
CHR7	6321647	CHR7:6321647	SSF x Far_LoA	-8,25694713	-0,040	0,305
CHR7	6326763	CHR7:6326763	SSF x Far_LoA	-9,0893094	0,174	0,305
CHR7	6329121	CHR7:6329121	SSF x Far_LoA	-11,7141101	-0,029	0,311
CHR7	6329134	CHR7:6329134	SSF x Far_LoA	-9,94699994	0,080	0,290
CHR7	6329247	CHR7:6329247	SSF x Far_LoA	-5,54583317	0,022	0,306
CHR7	6333872	CHR7:6333872	SSF x Far_LoA	-10,0230576	0,091	0,293
CHR7	6333923	CHR7:6333923	SSF x Far_LoA	-9,04894879	-0,030	0,315
CHR7	6335412	CHR7:6335412	SSF x Far_LoA	-11,0040133	0,004	0,298
CHR7	6335511	CHR7:6335511	SSF x Far_LoA	-10,1624157	-0,036	0,297
CHR7	6335535	CHR7:6335535	SSF x Far_LoA	-5,80937813	0,049	0,326
CHR7	6336431	CHR7:6336431	SSF x Far_LoA	-10,2851269	-0,042	0,311
CHR7	6336464	CHR7:6336464	SSF x Far_LoA	-2,70250887	-0,021	0,309
CHR7	6337002	CHR7:6337002	SSF x Far_LoA	-10,9094164	-0,003	0,304
CHR7	6359057	CHR7:6359057	SSF x Far_LoA	-10,4094604	0,008	0,305
CHR7	6359085	CHR7:6359085	SSF x Far_LoA	-10,2832019	-0,018	0,310
CHR7	6359164	CHR7:6359164	SSF x Far_LoA	-9,43379494	-0,076	0,296
CHR7	6367355	CHR7:6367355	SSF x Far_LoA	-10,3538103	-0,066	0,305
CHR7	6367359	CHR7:6367359	SSF x Far_LoA	-9,41745705	-0,051	0,314
CHR7	6372548	CHR7:6372548	SSF x Far_LoA	-10,9472908	0,089	0,295
CHR7	6380473	CHR7:6380473	SSF x Far_LoA	-8,56803404	-0,006	0,317
CHR7	6380486	CHR7:6380486	SSF x Far_LoA	-9,88134083	-0,132	0,311
CHR7	6380544	CHR7:6380544	SSF x Far_LoA	-8,88710446	-0,039	0,310
CHR7	6380562	CHR7:6380562	SSF x Far_LoA	-9,15072321	-0,142	0,291
CHR7	6380586	CHR7:6380586	SSF x Far_LoA	-9,21707764	0,072	0,300
CHR7	6389487	CHR7:6389487	SSF x Far_LoA	-12,0156372	-0,030	0,298
CHR7	6390554	CHR7:6390554	SSF x Far_LoA	-3,7688131	0,180	0,290
CHR7	6399271	CHR7:6399271	SSF x Far_LoA	-8,94641887	-0,125	0,311
CHR7	6399323	CHR7:6399323	SSF x Far_LoA	-11,5075497	-0,035	0,300
CHR7	6409056	CHR7:6409056	SSF x Far_LoA	-10,7195509	-0,019	0,304
CHR7	6409075	CHR7:6409075	SSF x Far_LoA	-7,87549081	-0,103	0,298
CHR7	6409111	CHR7:6409111	SSF x Far_LoA	-9,13217553	0,124	0,313
CHR7	6409115	CHR7:6409115	SSF x Far_LoA	-8,3066491	0,117	0,310
CHR7	6411974	CHR7:6411974	SSF x Far_LoA	-11,6709641	0,089	0,305
CHR7	6411980	CHR7:6411980	SSF x Far_LoA	-6,12199836	0,118	0,291
CHR7	6411981	CHR7:6411981	SSF x Far_LoA	-10,6785022	0,103	0,291

CHR7	6412021	CHR7:6412021	SSF x Far_LoA	-9,2745664	0,012	0,325
CHR7	6415207	CHR7:6415207	SSF x Far_LoA	-9,63669872	-0,020	0,320
CHR7	6415284	CHR7:6415284	SSF x Far_LoA	-9,16812922	-0,128	0,311
CHR7	6415311	CHR7:6415311	SSF x Far_LoA	-10,7623429	-0,074	0,306
CHR7	6418585	CHR7:6418585	SSF x Far_LoA	-3,16502515	0,107	0,327
CHR7	6418632	CHR7:6418632	SSF x Far_LoA	-6,62437581	0,151	0,293
CHR7	6418691	CHR7:6418691	SSF x Far_LoA	-11,3363548	0,037	0,300
CHR7	6420683	CHR7:6420683	SSF x Far_LoA	-8,85218774	-0,105	0,297
CHR7	6423460	CHR7:6423460	SSF x Far_LoA	-7,5299399	0,086	0,312
CHR7	6425610	CHR7:6425610	SSF x Far_LoA	-6,8781533	-0,136	0,320
CHR7	6426506	CHR7:6426506	SSF x Far_LoA	-6,8890735	-0,121	0,302
CHR7	6427670	CHR7:6427670	SSF x Far_LoA	-8,67356207	-0,022	0,313
CHR7	6427730	CHR7:6427730	SSF x Far_LoA	-8,7113464	0,011	0,323
CHR7	6427769	CHR7:6427769	SSF x Far_LoA	-6,22231334	0,025	0,301
CHR7	6427835	CHR7:6427835	SSF x Far_LoA	-11,0027288	0,051	0,319
CHR7	6430994	CHR7:6430994	SSF x Far_LoA	-9,11298255	0,016	0,304
CHR7	6431186	CHR7:6431186	SSF x Far_LoA	-8,35121726	-0,134	0,309
CHR7	6433151	CHR7:6433151	SSF x Far_LoA	-9,87365771	0,004	0,316
CHR7	6434082	CHR7:6434082	SSF x Far_LoA	-7,95786027	-0,056	0,318
CHR7	6438638	CHR7:6438638	SSF x Far_LoA	-10,6964693	0,026	0,294
CHR7	6438641	CHR7:6438641	SSF x Far_LoA	-9,63015894	0,017	0,304
CHR7	6438684	CHR7:6438684	SSF x Far_LoA	-8,55750977	0,080	0,291
CHR7	6451631	CHR7:6451631	SSF x Far_LoA	-9,26292717	-0,011	0,312
CHR7	6451637	CHR7:6451637	SSF x Far_LoA	-11,1398043	-0,004	0,295
CHR7	6451645	CHR7:6451645	SSF x Far_LoA	-9,75053264	0,077	0,301
CHR7	6451660	CHR7:6451660	SSF x Far_LoA	-10,1718973	-0,100	0,308
CHR7	6451751	CHR7:6451751	SSF x Far_LoA	-9,80232228	0,067	0,297
CHR7	6451769	CHR7:6451769	SSF x Far_LoA	-8,21614676	0,007	0,306
CHR7	6451770	CHR7:6451770	SSF x Far_LoA	-7,99789736	-0,112	0,297
CHR7	6451876	CHR7:6451876	SSF x Far_LoA	-7,28470237	0,055	0,294
CHR7	6489538	CHR7:6489538	SSF x Far_LoA	-9,48369101	-0,019	0,312
CHR7	6491912	CHR7:6491912	SSF x Far_LoA	-7,54689868	0,115	0,293
CHR7	650474	CHR7:650474	SSF x Far_LoA	-8,01507776	-0,020	0,315
CHR7	6505457	CHR7:6505457	SSF x Far_LoA	-9,30426789	0,121	0,297
CHR7	6505648	CHR7:6505648	SSF x Far_LoA	-7,1330603	-0,063	0,305
CHR7	6505690	CHR7:6505690	SSF x Far_LoA	-9,87349949	-0,035	0,304
CHR7	650744	CHR7:650744	SSF x Far_LoA	-8,02220999	-0,055	0,301
CHR7	650775	CHR7:650775	SSF x Far_LoA	-8,56339514	0,023	0,312
CHR7	650782	CHR7:650782	SSF x Far_LoA	-8,09245727	0,034	0,318
CHR7	650785	CHR7:650785	SSF x Far_LoA	-8,22240646	0,033	0,298
CHR7	650790	CHR7:650790	SSF x Far_LoA	-8,89860003	0,015	0,299
CHR7	6510589	CHR7:6510589	SSF x Far_LoA	-9,77793305	-0,120	0,294
CHR7	651991	CHR7:651991	SSF x Far_LoA	-7,45460493	0,104	0,306
CHR7	652252	CHR7:652252	SSF x Far_LoA	-12,2489247	0,028	0,301
CHR7	6531412	CHR7:6531412	SSF x Far_LoA	-10,095913	-0,028	0,311
CHR7	6531523	CHR7:6531523	SSF x Far_LoA	-8,29323871	-0,041	0,307
CHR7	6531524	CHR7:6531524	SSF x Far_LoA	-9,3224855	-0,060	0,315
CHR7	6537743	CHR7:6537743	SSF x Far_LoA	-11,1851331	0,015	0,310
CHR7	6537859	CHR7:6537859	SSF x Far_LoA	-10,2620646	-0,089	0,315
CHR7	6537933	CHR7:6537933	SSF x Far_LoA	-10,9787576	0,009	0,307
CHR7	6537937	CHR7:6537937	SSF x Far_LoA	-10,3265852	0,121	0,302
CHR7	653921	CHR7:653921	SSF x Far_LoA	-10,4098726	-0,029	0,317
CHR7	6552518	CHR7:6552518	SSF x Far_LoA	-8,33390819	0,022	0,309

CHR7	6552528	CHR7:6552528	SSF x Far_LoA	-6,41577746	0,026	0,299
CHR7	658215	CHR7:658215	SSF x Far_LoA	-9,25752989	-0,025	0,304
CHR7	658217	CHR7:658217	SSF x Far_LoA	-8,34144971	-0,013	0,311
CHR7	658307	CHR7:658307	SSF x Far_LoA	-6,99477705	-0,042	0,307
CHR7	6590368	CHR7:6590368	SSF x Far_LoA	-6,52423804	0,224	0,294
CHR7	6590460	CHR7:6590460	SSF x Far_LoA	6,19326186	0,276	0,298
CHR7	6590483	CHR7:6590483	SSF x Far_LoA	-11,1889291	-0,013	0,301
CHR7	6615679	CHR7:6615679	SSF x Far_LoA	-11,3361899	-0,054	0,303
CHR7	6615700	CHR7:6615700	SSF x Far_LoA	-7,67944843	-0,090	0,293
CHR7	6616274	CHR7:6616274	SSF x Far_LoA	-9,9614391	0,065	0,312
CHR7	6626271	CHR7:6626271	SSF x Far_LoA	-9,33182463	0,104	0,309
CHR7	6626376	CHR7:6626376	SSF x Far_LoA	-8,20998425	0,056	0,301
CHR7	6626384	CHR7:6626384	SSF x Far_LoA	-9,17226073	0,003	0,310
CHR7	6626432	CHR7:6626432	SSF x Far_LoA	-7,5733055	0,211	0,289
CHR7	6626433	CHR7:6626433	SSF x Far_LoA	-9,73060778	-0,079	0,308
CHR7	6626470	CHR7:6626470	SSF x Far_LoA	-2,80988157	0,121	0,301
CHR7	6633903	CHR7:6633903	SSF x Far_LoA	-11,3613313	0,053	0,305
CHR7	6633946	CHR7:6633946	SSF x Far_LoA	-9,18045137	-0,134	0,294
CHR7	6634012	CHR7:6634012	SSF x Far_LoA	-10,1855026	-0,114	0,298
CHR7	6647399	CHR7:6647399	SSF x Far_LoA	-6,48949938	-0,009	0,316
CHR7	66560	CHR7:66560	SSF x Far_LoA	-9,55324039	0,053	0,311
CHR7	6656645	CHR7:6656645	SSF x Far_LoA	-4,93196156	0,149	0,311
CHR7	6656675	CHR7:6656675	SSF x Far_LoA	-5,54644297	0,086	0,302
CHR7	6658948	CHR7:6658948	SSF x Far_LoA	-5,96748995	-0,182	0,297
CHR7	6659052	CHR7:6659052	SSF x Far_LoA	-11,178917	0,032	0,320
CHR7	6659153	CHR7:6659153	SSF x Far_LoA	-12,202389	0,008	0,299
CHR7	6659156	CHR7:6659156	SSF x Far_LoA	-11,1092843	0,125	0,295
CHR7	6659182	CHR7:6659182	SSF x Far_LoA	-10,5382049	-0,040	0,312
CHR7	666381	CHR7:666381	SSF x Far_LoA	-11,1959037	-0,011	0,300
CHR7	666435	CHR7:666435	SSF x Far_LoA	-7,53430654	0,061	0,311
CHR7	6679853	CHR7:6679853	SSF x Far_LoA	-7,93268597	0,006	0,320
CHR7	6679859	CHR7:6679859	SSF x Far_LoA	-10,4745289	-0,056	0,302
CHR7	6679898	CHR7:6679898	SSF x Far_LoA	-8,3417834	-0,079	0,316
CHR7	6679914	CHR7:6679914	SSF x Far_LoA	-11,9182212	-0,017	0,312
CHR7	6680026	CHR7:6680026	SSF x Far_LoA	-11,1387821	-0,022	0,306
CHR7	6682882	CHR7:6682882	SSF x Far_LoA	-7,20345732	-0,100	0,289
CHR7	6682910	CHR7:6682910	SSF x Far_LoA	-8,82381465	-0,043	0,302
CHR7	6682939	CHR7:6682939	SSF x Far_LoA	-9,47646003	-0,038	0,305
CHR7	6700048	CHR7:6700048	SSF x Far_LoA	-2,86181582	-0,224	0,286
CHR7	6700075	CHR7:6700075	SSF x Far_LoA	-11,8421614	0,057	0,296
CHR7	6700245	CHR7:6700245	SSF x Far_LoA	-11,2702605	0,024	0,311
CHR7	6705935	CHR7:6705935	SSF x Far_LoA	-11,0996826	-0,078	0,292
CHR7	6705988	CHR7:6705988	SSF x Far_LoA	-10,3678817	0,106	0,299
CHR7	6706017	CHR7:6706017	SSF x Far_LoA	-8,75855991	0,157	0,301
CHR7	6706170	CHR7:6706170	SSF x Far_LoA	-7,79173353	0,038	0,318
CHR7	6714919	CHR7:6714919	SSF x Far_LoA	-11,4941861	-0,081	0,307
CHR7	6714970	CHR7:6714970	SSF x Far_LoA	-7,74966271	-0,108	0,299
CHR7	6715001	CHR7:6715001	SSF x Far_LoA	-10,338658	0,038	0,297
CHR7	6715005	CHR7:6715005	SSF x Far_LoA	-7,61531895	0,062	0,299
CHR7	675008	CHR7:675008	SSF x Far_LoA	-10,5199541	0,012	0,310
CHR7	675319	CHR7:675319	SSF x Far_LoA	-6,78825787	-0,149	0,290
CHR7	6753410	CHR7:6753410	SSF x Far_LoA	-8,30207025	0,039	0,306
CHR7	6770160	CHR7:6770160	SSF x Far_LoA	-9,81518383	-0,043	0,300

CHR7	6777267	CHR7:6777267	SSF x Far_LoA	-9,91546046	0,006	0,327
CHR7	6777275	CHR7:6777275	SSF x Far_LoA	-9,30340623	0,009	0,306
CHR7	6777289	CHR7:6777289	SSF x Far_LoA	-10,3765081	0,128	0,296
CHR7	6777297	CHR7:6777297	SSF x Far_LoA	-10,9830344	-0,098	0,298
CHR7	6777340	CHR7:6777340	SSF x Far_LoA	-11,7906285	-0,042	0,301
CHR7	6777358	CHR7:6777358	SSF x Far_LoA	-6,52873055	0,099	0,309
CHR7	6777416	CHR7:6777416	SSF x Far_LoA	-9,45634069	-0,142	0,307
CHR7	6799748	CHR7:6799748	SSF x Far_LoA	-8,66099131	0,008	0,304
CHR7	6799753	CHR7:6799753	SSF x Far_LoA	-9,50045014	0,047	0,303
CHR7	6799767	CHR7:6799767	SSF x Far_LoA	-9,704215	0,043	0,314
CHR7	6809463	CHR7:6809463	SSF x Far_LoA	-9,15309828	-0,046	0,299
CHR7	6809612	CHR7:6809612	SSF x Far_LoA	-0,8803535	-0,066	0,314
CHR7	6809640	CHR7:6809640	SSF x Far_LoA	-11,5597436	-0,010	0,316
CHR7	6809641	CHR7:6809641	SSF x Far_LoA	-10,9122236	0,029	0,303
CHR7	6809662	CHR7:6809662	SSF x Far_LoA	-5,41914124	0,122	0,310
CHR7	6809682	CHR7:6809682	SSF x Far_LoA	-5,80414375	0,178	0,297
CHR7	6835461	CHR7:6835461	SSF x Far_LoA	-11,0826861	0,015	0,290
CHR7	6835545	CHR7:6835545	SSF x Far_LoA	-9,98112382	0,040	0,294
CHR7	6835551	CHR7:6835551	SSF x Far_LoA	-9,68830027	0,004	0,308
CHR7	6839122	CHR7:6839122	SSF x Far_LoA	-10,4827598	-0,050	0,309
CHR7	6839129	CHR7:6839129	SSF x Far_LoA	-10,5319413	-0,047	0,298
CHR7	6839315	CHR7:6839315	SSF x Far_LoA	-9,27530399	0,043	0,311
CHR7	6839316	CHR7:6839316	SSF x Far_LoA	-6,03629671	-0,062	0,311
CHR7	6844046	CHR7:6844046	SSF x Far_LoA	-2,24038165	-0,122	0,310
CHR7	6844338	CHR7:6844338	SSF x Far_LoA	-8,74749149	0,072	0,312
CHR7	6844344	CHR7:6844344	SSF x Far_LoA	-9,64993982	-0,070	0,325
CHR7	6844352	CHR7:6844352	SSF x Far_LoA	-7,37172524	0,113	0,296
CHR7	6844378	CHR7:6844378	SSF x Far_LoA	-10,3526564	0,037	0,311
CHR7	684915	CHR7:684915	SSF x Far_LoA	-10,8545238	-0,024	0,309
CHR7	684956	CHR7:684956	SSF x Far_LoA	-10,0277338	0,027	0,301
CHR7	685010	CHR7:685010	SSF x Far_LoA	-8,23232997	-0,149	0,294
CHR7	685039	CHR7:685039	SSF x Far_LoA	-9,90091569	-0,030	0,312
CHR7	685114	CHR7:685114	SSF x Far_LoA	-11,1722291	-0,023	0,311
CHR7	685125	CHR7:685125	SSF x Far_LoA	-7,72018629	0,063	0,300
CHR7	6862143	CHR7:6862143	SSF x Far_LoA	-8,11453985	0,081	0,317
CHR7	6862155	CHR7:6862155	SSF x Far_LoA	-9,31620605	0,018	0,308
CHR7	6862158	CHR7:6862158	SSF x Far_LoA	-9,27439553	-0,027	0,303
CHR7	6862170	CHR7:6862170	SSF x Far_LoA	-8,97454757	-0,025	0,305
CHR7	6862177	CHR7:6862177	SSF x Far_LoA	-9,74933269	0,057	0,303
CHR7	6868645	CHR7:6868645	SSF x Far_LoA	-11,087582	-0,060	0,308
CHR7	6870044	CHR7:6870044	SSF x Far_LoA	-10,0872288	0,000	0,308
CHR7	6870265	CHR7:6870265	SSF x Far_LoA	-12,3690233	-0,044	0,295
CHR7	6870275	CHR7:6870275	SSF x Far_LoA	-6,17152733	0,004	0,290
CHR7	6873736	CHR7:6873736	SSF x Far_LoA	-2,13436003	0,119	0,314
CHR7	6873749	CHR7:6873749	SSF x Far_LoA	-5,50530701	-0,123	0,307
CHR7	6873765	CHR7:6873765	SSF x Far_LoA	-7,18493807	0,026	0,315
CHR7	6873788	CHR7:6873788	SSF x Far_LoA	-10,3820082	-0,064	0,313
CHR7	6873791	CHR7:6873791	SSF x Far_LoA	-11,9448901	0,078	0,304
CHR7	6873795	CHR7:6873795	SSF x Far_LoA	-8,0489439	0,105	0,299
CHR7	6873796	CHR7:6873796	SSF x Far_LoA	-7,41112535	0,156	0,293
CHR7	6873806	CHR7:6873806	SSF x Far_LoA	-9,53140839	0,051	0,302
CHR7	6873884	CHR7:6873884	SSF x Far_LoA	-8,41369918	-0,038	0,315
CHR7	6873886	CHR7:6873886	SSF x Far_LoA	-10,2228718	-0,025	0,304

CHR7	6873936	CHR7:6873936	SSF x Far_LoA	-10,1087166	0,000	0,299
CHR7	6876623	CHR7:6876623	SSF x Far_LoA	-12,2103955	-0,038	0,293
CHR7	6876626	CHR7:6876626	SSF x Far_LoA	-8,7695359	0,115	0,280
CHR7	6876738	CHR7:6876738	SSF x Far_LoA	-7,46340045	0,134	0,303
CHR7	6876743	CHR7:6876743	SSF x Far_LoA	-10,4221991	0,062	0,306
CHR7	6877372	CHR7:6877372	SSF x Far_LoA	-6,93225158	-0,010	0,315
CHR7	6877412	CHR7:6877412	SSF x Far_LoA	-10,9248013	-0,064	0,296
CHR7	6877414	CHR7:6877414	SSF x Far_LoA	-10,2549158	0,113	0,292
CHR7	689030	CHR7:689030	SSF x Far_LoA	-9,71547407	-0,015	0,310
CHR7	6901130	CHR7:6901130	SSF x Far_LoA	-6,68490214	0,119	0,300
CHR7	6901267	CHR7:6901267	SSF x Far_LoA	-3,96701442	0,224	0,301
CHR7	6901274	CHR7:6901274	SSF x Far_LoA	6,50494911	0,045	0,300
CHR7	690356	CHR7:690356	SSF x Far_LoA	-9,70005205	0,040	0,302
CHR7	690377	CHR7:690377	SSF x Far_LoA	-5,74073376	-0,097	0,318
CHR7	6904633	CHR7:6904633	SSF x Far_LoA	-9,43700613	0,008	0,288
CHR7	6904918	CHR7:6904918	SSF x Far_LoA	-7,84923615	0,006	0,311
CHR7	6904925	CHR7:6904925	SSF x Far_LoA	-8,66412655	-0,001	0,310
CHR7	6910827	CHR7:6910827	SSF x Far_LoA	-10,159186	0,037	0,307
CHR7	6910854	CHR7:6910854	SSF x Far_LoA	-11,3821385	-0,052	0,291
CHR7	6910869	CHR7:6910869	SSF x Far_LoA	-10,7742313	-0,069	0,314
CHR7	6910968	CHR7:6910968	SSF x Far_LoA	-9,18352853	-0,075	0,286
CHR7	6911012	CHR7:6911012	SSF x Far_LoA	-8,41399822	0,015	0,317
CHR7	6914481	CHR7:6914481	SSF x Far_LoA	-12,001316	0,017	0,298
CHR7	691978	CHR7:691978	SSF x Far_LoA	-10,7890472	0,023	0,310
CHR7	693783	CHR7:693783	SSF x Far_LoA	-8,7744801	0,095	0,299
CHR7	693975	CHR7:693975	SSF x Far_LoA	-12,2519765	-0,041	0,309
CHR7	694016	CHR7:694016	SSF x Far_LoA	-11,8296463	-0,031	0,315
CHR7	6941601	CHR7:6941601	SSF x Far_LoA	-8,45485391	0,097	0,293
CHR7	6941602	CHR7:6941602	SSF x Far_LoA	-8,61321185	0,071	0,298
CHR7	6941674	CHR7:6941674	SSF x Far_LoA	-7,87886917	0,181	0,296
CHR7	6941846	CHR7:6941846	SSF x Far_LoA	-9,23932021	-0,090	0,307
CHR7	6949472	CHR7:6949472	SSF x Far_LoA	-7,26743398	0,092	0,303
CHR7	6963864	CHR7:6963864	SSF x Far_LoA	-10,9625154	-0,048	0,300
CHR7	6963877	CHR7:6963877	SSF x Far_LoA	-10,8458675	-0,004	0,313
CHR7	6963878	CHR7:6963878	SSF x Far_LoA	-11,1376157	-0,037	0,313
CHR7	6963882	CHR7:6963882	SSF x Far_LoA	-11,0844798	-0,007	0,308
CHR7	6963884	CHR7:6963884	SSF x Far_LoA	-11,5876996	-0,012	0,309
CHR7	6963907	CHR7:6963907	SSF x Far_LoA	-10,7181901	0,094	0,287
CHR7	6963926	CHR7:6963926	SSF x Far_LoA	-0,34909408	0,034	0,309
CHR7	6963937	CHR7:6963937	SSF x Far_LoA	-7,82637731	-0,093	0,311
CHR7	6963945	CHR7:6963945	SSF x Far_LoA	-10,8429417	-0,029	0,289
CHR7	6963946	CHR7:6963946	SSF x Far_LoA	-6,55468998	0,091	0,307
CHR7	6963994	CHR7:6963994	SSF x Far_LoA	-10,4591812	0,039	0,305
CHR7	6963995	CHR7:6963995	SSF x Far_LoA	-9,94312447	0,035	0,312
CHR7	6964076	CHR7:6964076	SSF x Far_LoA	-7,77884191	-0,029	0,301
CHR7	6968295	CHR7:6968295	SSF x Far_LoA	-8,3078208	0,081	0,301
CHR7	6968297	CHR7:6968297	SSF x Far_LoA	-10,9676099	-0,093	0,314
CHR7	6968350	CHR7:6968350	SSF x Far_LoA	-10,2658083	0,003	0,297
CHR7	6968360	CHR7:6968360	SSF x Far_LoA	-9,91849759	0,000	0,304
CHR7	6968361	CHR7:6968361	SSF x Far_LoA	-9,96954198	0,015	0,295
CHR7	697733	CHR7:697733	SSF x Far_LoA	-9,16545581	-0,029	0,304
CHR7	697835	CHR7:697835	SSF x Far_LoA	-9,30427989	-0,010	0,300
CHR7	6979761	CHR7:6979761	SSF x Far_LoA	-10,6204042	0,007	0,305

CHR7	6982025	CHR7:6982025	SSF x Far_LoA	-9,42768983	-0,113	0,305
CHR7	6991650	CHR7:6991650	SSF x Far_LoA	-11,6160451	0,048	0,306
CHR7	7002402	CHR7:7002402	SSF x Far_LoA	-9,21173018	0,074	0,305
CHR7	7002403	CHR7:7002403	SSF x Far_LoA	-11,18438	0,016	0,302
CHR7	7002495	CHR7:7002495	SSF x Far_LoA	-11,5595586	0,027	0,312
CHR7	7002576	CHR7:7002576	SSF x Far_LoA	-6,56003568	-0,232	0,305
CHR7	7005553	CHR7:7005553	SSF x Far_LoA	-9,74518225	0,002	0,312
CHR7	7005570	CHR7:7005570	SSF x Far_LoA	-11,3132903	-0,009	0,304
CHR7	7005604	CHR7:7005604	SSF x Far_LoA	-9,23955965	0,112	0,308
CHR7	7006644	CHR7:7006644	SSF x Far_LoA	-11,1354672	0,049	0,315
CHR7	7006667	CHR7:7006667	SSF x Far_LoA	-7,97636108	0,050	0,306
CHR7	7006678	CHR7:7006678	SSF x Far_LoA	-4,03134441	0,149	0,280
CHR7	7006688	CHR7:7006688	SSF x Far_LoA	-2,25189751	-0,118	0,305
CHR7	7006693	CHR7:7006693	SSF x Far_LoA	-7,81137353	-0,101	0,300
CHR7	7006698	CHR7:7006698	SSF x Far_LoA	-8,21313115	-0,140	0,304
CHR7	7006707	CHR7:7006707	SSF x Far_LoA	-8,87655296	0,099	0,301
CHR7	7006716	CHR7:7006716	SSF x Far_LoA	-8,6665406	-0,131	0,296
CHR7	7006717	CHR7:7006717	SSF x Far_LoA	-10,6762866	0,001	0,298
CHR7	7016492	CHR7:7016492	SSF x Far_LoA	-11,8274673	-0,066	0,304
CHR7	7016526	CHR7:7016526	SSF x Far_LoA	-10,0504447	-0,043	0,295
CHR7	7016600	CHR7:7016600	SSF x Far_LoA	-10,2822834	0,062	0,317
CHR7	7016610	CHR7:7016610	SSF x Far_LoA	-10,300875	0,027	0,302
CHR7	7016616	CHR7:7016616	SSF x Far_LoA	-7,77314179	0,084	0,306
CHR7	7016628	CHR7:7016628	SSF x Far_LoA	-6,06452381	-0,070	0,314
CHR7	7016715	CHR7:7016715	SSF x Far_LoA	-8,77667125	-0,054	0,316
CHR7	7016767	CHR7:7016767	SSF x Far_LoA	-7,74387759	0,017	0,311
CHR7	7021979	CHR7:7021979	SSF x Far_LoA	-8,11928241	0,044	0,301
CHR7	7022310	CHR7:7022310	SSF x Far_LoA	-8,07807279	0,083	0,298
CHR7	7032764	CHR7:7032764	SSF x Far_LoA	-10,6791631	-0,019	0,315
CHR7	7032909	CHR7:7032909	SSF x Far_LoA	-8,6028544	-0,034	0,309
CHR7	703546	CHR7:703546	SSF x Far_LoA	-10,1158925	-0,055	0,317
CHR7	7042155	CHR7:7042155	SSF x Far_LoA	-10,7503256	0,073	0,308
CHR7	7075592	CHR7:7075592	SSF x Far_LoA	-9,15202372	0,060	0,312
CHR7	7078307	CHR7:7078307	SSF x Far_LoA	-7,53291327	0,067	0,303
CHR7	7084941	CHR7:7084941	SSF x Far_LoA	-9,62586306	0,084	0,317
CHR7	7094828	CHR7:7094828	SSF x Far_LoA	-7,72524388	0,094	0,303
CHR7	7094893	CHR7:7094893	SSF x Far_LoA	-8,53049581	0,084	0,310
CHR7	7094963	CHR7:7094963	SSF x Far_LoA	-8,41702863	-0,101	0,306
CHR7	7094977	CHR7:7094977	SSF x Far_LoA	-10,6042372	0,052	0,294
CHR7	7095050	CHR7:7095050	SSF x Far_LoA	-11,5984494	0,039	0,301
CHR7	7099092	CHR7:7099092	SSF x Far_LoA	0,0060792	-0,118	0,298
CHR7	7099121	CHR7:7099121	SSF x Far_LoA	-7,82676645	-0,082	0,316
CHR7	7099148	CHR7:7099148	SSF x Far_LoA	-5,63831673	0,018	0,310
CHR7	7099154	CHR7:7099154	SSF x Far_LoA	-9,27490758	0,039	0,307
CHR7	7099204	CHR7:7099204	SSF x Far_LoA	-8,82159074	0,058	0,300
CHR7	7099212	CHR7:7099212	SSF x Far_LoA	-7,10395794	-0,106	0,308
CHR7	7099233	CHR7:7099233	SSF x Far_LoA	-10,5936494	0,055	0,293
CHR7	7099273	CHR7:7099273	SSF x Far_LoA	-8,13769969	0,145	0,305
CHR7	7102380	CHR7:7102380	SSF x Far_LoA	-7,84947978	0,087	0,319
CHR7	7104542	CHR7:7104542	SSF x Far_LoA	-9,90514333	0,091	0,294
CHR7	7120694	CHR7:7120694	SSF x Far_LoA	-8,49261787	0,008	0,313
CHR7	713296	CHR7:713296	SSF x Far_LoA	-8,93302076	-0,051	0,300
CHR7	713355	CHR7:713355	SSF x Far_LoA	-9,79009775	-0,100	0,306

CHR7	7134431	CHR7:7134431	SSF x Far_LoA	-9,39634141	-0,027	0,293
CHR7	7134500	CHR7:7134500	SSF x Far_LoA	-9,92534476	-0,052	0,295
CHR7	7134527	CHR7:7134527	SSF x Far_LoA	-9,07641834	-0,101	0,298
CHR7	7161893	CHR7:7161893	SSF x Far_LoA	-7,73394819	0,073	0,303
CHR7	7168046	CHR7:7168046	SSF x Far_LoA	-7,11344362	-0,091	0,323
CHR7	7175432	CHR7:7175432	SSF x Far_LoA	-10,7815341	0,020	0,309
CHR7	7184479	CHR7:7184479	SSF x Far_LoA	-8,34991587	-0,145	0,293
CHR7	7184527	CHR7:7184527	SSF x Far_LoA	-9,57432142	-0,055	0,295
CHR7	7184532	CHR7:7184532	SSF x Far_LoA	-8,80316267	-0,054	0,318
CHR7	7209600	CHR7:7209600	SSF x Far_LoA	-8,19549279	-0,002	0,312
CHR7	7209661	CHR7:7209661	SSF x Far_LoA	-9,78706103	-0,016	0,289
CHR7	7209682	CHR7:7209682	SSF x Far_LoA	-9,05130785	0,006	0,320
CHR7	7211732	CHR7:7211732	SSF x Far_LoA	-9,41149093	-0,073	0,309
CHR7	7211736	CHR7:7211736	SSF x Far_LoA	-9,7343942	-0,075	0,305
CHR7	7211947	CHR7:7211947	SSF x Far_LoA	-10,4278215	0,010	0,301
CHR7	7217622	CHR7:7217622	SSF x Far_LoA	-6,17757908	-0,092	0,308
CHR7	7228130	CHR7:7228130	SSF x Far_LoA	-11,681046	0,013	0,303
CHR7	7231058	CHR7:7231058	SSF x Far_LoA	-10,2104921	0,088	0,298
CHR7	7292947	CHR7:7292947	SSF x Far_LoA	-9,17979768	-0,022	0,317
CHR7	7292985	CHR7:7292985	SSF x Far_LoA	-7,53068608	-0,094	0,302
CHR7	7354686	CHR7:7354686	SSF x Far_LoA	-4,93932047	0,003	0,313
CHR7	7354710	CHR7:7354710	SSF x Far_LoA	-10,4693628	-0,042	0,299
CHR7	7354720	CHR7:7354720	SSF x Far_LoA	-11,3078861	0,003	0,302
CHR7	7354725	CHR7:7354725	SSF x Far_LoA	-10,9491777	0,000	0,303
CHR7	735538	CHR7:735538	SSF x Far_LoA	-9,35187472	0,040	0,300
CHR7	7360355	CHR7:7360355	SSF x Far_LoA	-6,43195388	-0,008	0,309
CHR7	7360367	CHR7:7360367	SSF x Far_LoA	-9,78930165	0,040	0,290
CHR7	7371231	CHR7:7371231	SSF x Far_LoA	-11,2215965	-0,046	0,317
CHR7	7371382	CHR7:7371382	SSF x Far_LoA	-10,1930212	0,093	0,296
CHR7	7372385	CHR7:7372385	SSF x Far_LoA	-7,94343947	0,095	0,302
CHR7	7372423	CHR7:7372423	SSF x Far_LoA	-9,97980391	-0,050	0,308
CHR7	7372430	CHR7:7372430	SSF x Far_LoA	-9,68892067	-0,071	0,306
CHR7	7390737	CHR7:7390737	SSF x Far_LoA	-9,65134236	-0,103	0,299
CHR7	7390810	CHR7:7390810	SSF x Far_LoA	-11,3214804	0,036	0,304
CHR7	7400912	CHR7:7400912	SSF x Far_LoA	-10,7106488	-0,010	0,307
CHR7	7402490	CHR7:7402490	SSF x Far_LoA	-11,0547857	0,002	0,307
CHR7	7402578	CHR7:7402578	SSF x Far_LoA	-7,67794629	0,081	0,312
CHR7	7402582	CHR7:7402582	SSF x Far_LoA	-8,38070393	0,065	0,306
CHR7	7402601	CHR7:7402601	SSF x Far_LoA	-7,08376303	-0,060	0,323
CHR7	7402622	CHR7:7402622	SSF x Far_LoA	-8,73458552	-0,124	0,313
CHR7	740330	CHR7:740330	SSF x Far_LoA	-9,75450969	-0,109	0,302
CHR7	740386	CHR7:740386	SSF x Far_LoA	-9,78146741	0,043	0,310
CHR7	740525	CHR7:740525	SSF x Far_LoA	-7,83175709	-0,060	0,314
CHR7	740559	CHR7:740559	SSF x Far_LoA	-8,83955991	-0,035	0,308
CHR7	7421500	CHR7:7421500	SSF x Far_LoA	-8,88443963	0,044	0,311
CHR7	7421515	CHR7:7421515	SSF x Far_LoA	-8,42354122	0,077	0,298
CHR7	7421692	CHR7:7421692	SSF x Far_LoA	-7,42991245	-0,082	0,314
CHR7	7438263	CHR7:7438263	SSF x Far_LoA	-9,50445797	0,035	0,295
CHR7	7441131	CHR7:7441131	SSF x Far_LoA	-2,488009	0,126	0,310
CHR7	7460818	CHR7:7460818	SSF x Far_LoA	-10,1039521	-0,066	0,312
CHR7	7460848	CHR7:7460848	SSF x Far_LoA	-8,16354793	0,077	0,305
CHR7	7486799	CHR7:7486799	SSF x Far_LoA	-8,8239774	-0,044	0,293
CHR7	7497222	CHR7:7497222	SSF x Far_LoA	-2,80713617	0,039	0,287

CHR7	751043	CHR7:751043	SSF x Far_LoA	-6,508135	0,070	0,316
CHR7	751251	CHR7:751251	SSF x Far_LoA	-11,3013452	-0,016	0,314
CHR7	7521057	CHR7:7521057	SSF x Far_LoA	-6,49281122	0,074	0,312
CHR7	7524444	CHR7:7524444	SSF x Far_LoA	-7,90740422	0,101	0,310
CHR7	7524582	CHR7:7524582	SSF x Far_LoA	-10,5186852	0,069	0,290
CHR7	7527740	CHR7:7527740	SSF x Far_LoA	-7,55584743	0,042	0,295
CHR7	7554469	CHR7:7554469	SSF x Far_LoA	-8,78347887	-0,072	0,298
CHR7	7556398	CHR7:7556398	SSF x Far_LoA	-8,06715791	-0,017	0,294
CHR7	7556422	CHR7:7556422	SSF x Far_LoA	-9,97179311	-0,014	0,298
CHR7	7557630	CHR7:7557630	SSF x Far_LoA	-10,1072525	-0,027	0,305
CHR7	7557658	CHR7:7557658	SSF x Far_LoA	-5,93109048	-0,085	0,299
CHR7	7561317	CHR7:7561317	SSF x Far_LoA	-9,2780227	-0,076	0,303
CHR7	7568249	CHR7:7568249	SSF x Far_LoA	-11,3219673	-0,048	0,316
CHR7	7576303	CHR7:7576303	SSF x Far_LoA	-9,06343141	-0,020	0,310
CHR7	7576337	CHR7:7576337	SSF x Far_LoA	-5,9919096	-0,029	0,320
CHR7	7576372	CHR7:7576372	SSF x Far_LoA	-8,71043416	-0,077	0,302
CHR7	7576473	CHR7:7576473	SSF x Far_LoA	-7,82854508	-0,037	0,305
CHR7	7576477	CHR7:7576477	SSF x Far_LoA	-8,81026825	0,145	0,281
CHR7	7576498	CHR7:7576498	SSF x Far_LoA	-6,27950332	-0,133	0,303
CHR7	7576520	CHR7:7576520	SSF x Far_LoA	-7,59476066	-0,056	0,296
CHR7	7576532	CHR7:7576532	SSF x Far_LoA	-7,25441147	0,030	0,296
CHR7	7576594	CHR7:7576594	SSF x Far_LoA	-9,70374068	0,005	0,298
CHR7	759486	CHR7:759486	SSF x Far_LoA	-8,00619246	-0,061	0,310
CHR7	7595245	CHR7:7595245	SSF x Far_LoA	-8,60607554	0,116	0,298
CHR7	7595283	CHR7:7595283	SSF x Far_LoA	-11,9396254	0,011	0,302
CHR7	7595320	CHR7:7595320	SSF x Far_LoA	-9,01494792	0,068	0,315
CHR7	7595325	CHR7:7595325	SSF x Far_LoA	-11,3677725	0,051	0,293
CHR7	7595462	CHR7:7595462	SSF x Far_LoA	-10,8800935	0,074	0,319
CHR7	7615812	CHR7:7615812	SSF x Far_LoA	-8,90034882	0,127	0,297
CHR7	7615828	CHR7:7615828	SSF x Far_LoA	-5,11972843	0,153	0,303
CHR7	7615851	CHR7:7615851	SSF x Far_LoA	-11,421661	0,055	0,309
CHR7	7615859	CHR7:7615859	SSF x Far_LoA	-8,8339332	0,007	0,305
CHR7	7615869	CHR7:7615869	SSF x Far_LoA	-9,48628605	-0,001	0,303
CHR7	7615942	CHR7:7615942	SSF x Far_LoA	-10,924683	0,004	0,310
CHR7	7615993	CHR7:7615993	SSF x Far_LoA	-9,5626398	0,158	0,284
CHR7	7621250	CHR7:7621250	SSF x Far_LoA	-5,71743196	0,104	0,308
CHR7	7633833	CHR7:7633833	SSF x Far_LoA	-7,15661254	0,112	0,307
CHR7	7639293	CHR7:7639293	SSF x Far_LoA	-10,8635188	0,030	0,306
CHR7	7646002	CHR7:7646002	SSF x Far_LoA	-11,4202388	0,109	0,286
CHR7	7646003	CHR7:7646003	SSF x Far_LoA	-11,312909	0,081	0,298
CHR7	7646114	CHR7:7646114	SSF x Far_LoA	-10,4757873	-0,023	0,317
CHR7	7646117	CHR7:7646117	SSF x Far_LoA	-9,09345005	-0,029	0,319
CHR7	7646142	CHR7:7646142	SSF x Far_LoA	-9,33189544	-0,104	0,314
CHR7	7646167	CHR7:7646167	SSF x Far_LoA	-9,36736971	0,066	0,296
CHR7	7646175	CHR7:7646175	SSF x Far_LoA	-10,5524793	0,095	0,295
CHR7	7646229	CHR7:7646229	SSF x Far_LoA	-5,59655802	0,019	0,308
CHR7	7651166	CHR7:7651166	SSF x Far_LoA	-9,070032	-0,126	0,319
CHR7	7651219	CHR7:7651219	SSF x Far_LoA	-6,71216506	-0,040	0,305
CHR7	7652557	CHR7:7652557	SSF x Far_LoA	-8,97061111	-0,014	0,304
CHR7	7652571	CHR7:7652571	SSF x Far_LoA	-10,7962918	-0,037	0,314
CHR7	7652711	CHR7:7652711	SSF x Far_LoA	-7,06208311	-0,087	0,313
CHR7	7652714	CHR7:7652714	SSF x Far_LoA	-8,39356079	-0,001	0,307
CHR7	7652723	CHR7:7652723	SSF x Far_LoA	-11,6765062	-0,043	0,306

CHR7	7661938	CHR7:7661938	SSF x Far_LoA	-10,034647	-0,022	0,299
CHR7	7661965	CHR7:7661965	SSF x Far_LoA	1,52100512	0,206	0,300
CHR7	7661980	CHR7:7661980	SSF x Far_LoA	-4,58139161	-0,091	0,301
CHR7	7665276	CHR7:7665276	SSF x Far_LoA	-10,5915831	0,048	0,304
CHR7	7665278	CHR7:7665278	SSF x Far_LoA	-9,61740021	-0,057	0,286
CHR7	7665339	CHR7:7665339	SSF x Far_LoA	-9,83439567	-0,020	0,310
CHR7	7665353	CHR7:7665353	SSF x Far_LoA	-7,88054573	0,046	0,308
CHR7	7665403	CHR7:7665403	SSF x Far_LoA	-11,1078671	0,012	0,315
CHR7	7665426	CHR7:7665426	SSF x Far_LoA	-2,28954943	0,029	0,306
CHR7	7665427	CHR7:7665427	SSF x Far_LoA	-11,7892469	0,011	0,313
CHR7	7684963	CHR7:7684963	SSF x Far_LoA	-6,05261272	0,126	0,311
CHR7	7690573	CHR7:7690573	SSF x Far_LoA	-4,28342988	0,213	0,280
CHR7	7690700	CHR7:7690700	SSF x Far_LoA	-5,39396225	-0,175	0,301
CHR7	769077	CHR7:769077	SSF x Far_LoA	-9,60616671	0,007	0,314
CHR7	7690816	CHR7:7690816	SSF x Far_LoA	-10,840919	-0,126	0,304
CHR7	7706855	CHR7:7706855	SSF x Far_LoA	-9,75280514	-0,030	0,300
CHR7	7706942	CHR7:7706942	SSF x Far_LoA	-6,3826823	-0,092	0,308
CHR7	7706995	CHR7:7706995	SSF x Far_LoA	-10,5349893	0,050	0,301
CHR7	7707016	CHR7:7707016	SSF x Far_LoA	-9,46089762	0,022	0,302
CHR7	771094	CHR7:771094	SSF x Far_LoA	-9,73625795	0,079	0,298
CHR7	771217	CHR7:771217	SSF x Far_LoA	-7,94729698	-0,059	0,301
CHR7	7713273	CHR7:7713273	SSF x Far_LoA	-8,55724024	0,113	0,317
CHR7	7713290	CHR7:7713290	SSF x Far_LoA	-7,45276865	0,101	0,308
CHR7	7713332	CHR7:7713332	SSF x Far_LoA	-9,28343458	0,013	0,304
CHR7	7713351	CHR7:7713351	SSF x Far_LoA	-9,34527063	-0,052	0,304
CHR7	7729373	CHR7:7729373	SSF x Far_LoA	-11,3863187	0,002	0,295
CHR7	7729392	CHR7:7729392	SSF x Far_LoA	-10,4199005	0,091	0,296
CHR7	7730753	CHR7:7730753	SSF x Far_LoA	-7,1278851	-0,086	0,317
CHR7	7730765	CHR7:7730765	SSF x Far_LoA	-11,5178771	0,041	0,307
CHR7	7730802	CHR7:7730802	SSF x Far_LoA	-11,5086321	0,039	0,302
CHR7	7730813	CHR7:7730813	SSF x Far_LoA	-8,86791223	-0,094	0,308
CHR7	7730818	CHR7:7730818	SSF x Far_LoA	-10,1838663	0,119	0,292
CHR7	7740511	CHR7:7740511	SSF x Far_LoA	-9,6190201	0,001	0,305
CHR7	7740523	CHR7:7740523	SSF x Far_LoA	-5,40893025	-0,141	0,300
CHR7	7740571	CHR7:7740571	SSF x Far_LoA	-8,67410442	0,015	0,310
CHR7	7740593	CHR7:7740593	SSF x Far_LoA	-7,03484511	-0,006	0,308
CHR7	7740622	CHR7:7740622	SSF x Far_LoA	-12,1609489	-0,002	0,296
CHR7	7740673	CHR7:7740673	SSF x Far_LoA	-8,59473462	0,028	0,309
CHR7	7740764	CHR7:7740764	SSF x Far_LoA	-10,9861938	-0,023	0,309
CHR7	774964	CHR7:774964	SSF x Far_LoA	-9,00036803	-0,023	0,307
CHR7	775000	CHR7:775000	SSF x Far_LoA	-10,0631618	0,099	0,298
CHR7	775193	CHR7:775193	SSF x Far_LoA	-9,51535376	-0,117	0,299
CHR7	7755253	CHR7:7755253	SSF x Far_LoA	-10,4348639	0,042	0,299
CHR7	7755411	CHR7:7755411	SSF x Far_LoA	-9,19776599	0,028	0,302
CHR7	7755504	CHR7:7755504	SSF x Far_LoA	-7,99861164	-0,048	0,298
CHR7	7755505	CHR7:7755505	SSF x Far_LoA	-10,5034947	-0,077	0,294
CHR7	7758062	CHR7:7758062	SSF x Far_LoA	-9,73737684	0,122	0,305
CHR7	7758201	CHR7:7758201	SSF x Far_LoA	-7,43461976	0,077	0,315
CHR7	7763389	CHR7:7763389	SSF x Far_LoA	-11,8724622	-0,007	0,309
CHR7	7771728	CHR7:7771728	SSF x Far_LoA	-9,97104159	-0,078	0,304
CHR7	7771752	CHR7:7771752	SSF x Far_LoA	-8,49300684	-0,071	0,326
CHR7	7775676	CHR7:7775676	SSF x Far_LoA	-11,8836655	0,054	0,309
CHR7	7775709	CHR7:7775709	SSF x Far_LoA	-6,78460896	-0,131	0,313

CHR7	7775719	CHR7:7775719	SSF x Far_LoA	-11,188782	0,034	0,295
CHR7	7775905	CHR7:7775905	SSF x Far_LoA	-11,2478626	-0,004	0,322
CHR7	7775946	CHR7:7775946	SSF x Far_LoA	-5,88406454	0,141	0,291
CHR7	7786422	CHR7:7786422	SSF x Far_LoA	-8,49937641	-0,075	0,321
CHR7	7788326	CHR7:7788326	SSF x Far_LoA	4,0885285	-0,314	0,282
CHR7	7788333	CHR7:7788333	SSF x Far_LoA	-8,4900809	-0,060	0,305
CHR7	7788335	CHR7:7788335	SSF x Far_LoA	-8,31637511	-0,042	0,307
CHR7	7797938	CHR7:7797938	SSF x Far_LoA	-6,98960859	0,084	0,297
CHR7	7797988	CHR7:7797988	SSF x Far_LoA	-9,21400169	-0,073	0,304
CHR7	7805465	CHR7:7805465	SSF x Far_LoA	-9,41303437	-0,080	0,308
CHR7	78060	CHR7:78060	SSF x Far_LoA	-9,81556131	-0,024	0,329
CHR7	7812538	CHR7:7812538	SSF x Far_LoA	-8,93497951	0,030	0,318
CHR7	7812592	CHR7:7812592	SSF x Far_LoA	-10,4061877	0,056	0,313
CHR7	7834417	CHR7:7834417	SSF x Far_LoA	-8,32846586	0,086	0,296
CHR7	7834489	CHR7:7834489	SSF x Far_LoA	-5,67222631	0,161	0,301
CHR7	7834525	CHR7:7834525	SSF x Far_LoA	-7,93252026	0,110	0,315
CHR7	7834552	CHR7:7834552	SSF x Far_LoA	-9,05401807	0,047	0,305
CHR7	7839864	CHR7:7839864	SSF x Far_LoA	-11,993542	-0,056	0,319
CHR7	7839921	CHR7:7839921	SSF x Far_LoA	-10,2455774	0,048	0,303
CHR7	7839947	CHR7:7839947	SSF x Far_LoA	-7,82134839	-0,099	0,315
CHR7	7839965	CHR7:7839965	SSF x Far_LoA	1,44387931	0,099	0,309
CHR7	784432	CHR7:784432	SSF x Far_LoA	-9,30031655	0,018	0,309
CHR7	784506	CHR7:784506	SSF x Far_LoA	-8,3280444	-0,016	0,300
CHR7	784529	CHR7:784529	SSF x Far_LoA	-10,8304688	-0,062	0,306
CHR7	784548	CHR7:784548	SSF x Far_LoA	-9,76648529	-0,041	0,299
CHR7	784604	CHR7:784604	SSF x Far_LoA	-9,50111322	0,039	0,315
CHR7	7848010	CHR7:7848010	SSF x Far_LoA	-5,98825065	0,039	0,308
CHR7	7848111	CHR7:7848111	SSF x Far_LoA	-10,9249138	-0,043	0,301
CHR7	7848144	CHR7:7848144	SSF x Far_LoA	-11,2696942	0,059	0,305
CHR7	7850585	CHR7:7850585	SSF x Far_LoA	-10,2899692	-0,146	0,307
CHR7	7850869	CHR7:7850869	SSF x Far_LoA	-10,2940046	0,096	0,306
CHR7	7850884	CHR7:7850884	SSF x Far_LoA	-9,01626101	0,055	0,304
CHR7	7850885	CHR7:7850885	SSF x Far_LoA	-7,45449496	0,045	0,305
CHR7	788912	CHR7:788912	SSF x Far_LoA	-7,87207156	-0,105	0,309
CHR7	788930	CHR7:788930	SSF x Far_LoA	-10,9881455	0,102	0,309
CHR7	789022	CHR7:789022	SSF x Far_LoA	-10,0206354	-0,066	0,300
CHR7	7913709	CHR7:7913709	SSF x Far_LoA	-11,1517817	0,000	0,303
CHR7	7913833	CHR7:7913833	SSF x Far_LoA	-11,8983423	-0,069	0,307
CHR7	7916346	CHR7:7916346	SSF x Far_LoA	-6,20118562	-0,033	0,308
CHR7	7916371	CHR7:7916371	SSF x Far_LoA	-8,68956729	0,028	0,311
CHR7	7916437	CHR7:7916437	SSF x Far_LoA	-6,99829209	0,036	0,308
CHR7	7916546	CHR7:7916546	SSF x Far_LoA	-10,8878733	0,088	0,297
CHR7	7930550	CHR7:7930550	SSF x Far_LoA	-10,0410378	0,052	0,300
CHR7	7933390	CHR7:7933390	SSF x Far_LoA	-10,3765606	0,062	0,308
CHR7	7933460	CHR7:7933460	SSF x Far_LoA	-9,20029751	-0,080	0,317
CHR7	7933550	CHR7:7933550	SSF x Far_LoA	-9,91559047	0,100	0,301
CHR7	7933563	CHR7:7933563	SSF x Far_LoA	-11,6743494	-0,030	0,303
CHR7	7933571	CHR7:7933571	SSF x Far_LoA	-5,48971524	-0,096	0,309
CHR7	7933590	CHR7:7933590	SSF x Far_LoA	-12,3305435	0,030	0,293
CHR7	7933613	CHR7:7933613	SSF x Far_LoA	-11,0768937	-0,041	0,310
CHR7	7933673	CHR7:7933673	SSF x Far_LoA	-9,26866781	-0,074	0,309
CHR7	7939425	CHR7:7939425	SSF x Far_LoA	-10,522221	-0,072	0,312
CHR7	7939428	CHR7:7939428	SSF x Far_LoA	-8,12360793	-0,035	0,314

CHR7	7939432	CHR7:7939432	SSF x Far_LoA	-4,77186614	0,052	0,298
CHR7	7939441	CHR7:7939441	SSF x Far_LoA	-3,29307159	-0,186	0,298
CHR7	7939443	CHR7:7939443	SSF x Far_LoA	-10,4255356	-0,097	0,300
CHR7	7939463	CHR7:7939463	SSF x Far_LoA	-6,20000015	-0,190	0,299
CHR7	7940092	CHR7:7940092	SSF x Far_LoA	-7,66859564	-0,165	0,296
CHR7	7940101	CHR7:7940101	SSF x Far_LoA	-8,38262098	0,108	0,307
CHR7	7944552	CHR7:7944552	SSF x Far_LoA	-9,8815204	0,034	0,303
CHR7	7952370	CHR7:7952370	SSF x Far_LoA	-9,33779922	-0,021	0,311
CHR7	7952461	CHR7:7952461	SSF x Far_LoA	-7,1316928	0,121	0,303
CHR7	7964346	CHR7:7964346	SSF x Far_LoA	-9,13575503	-0,157	0,301
CHR7	7964366	CHR7:7964366	SSF x Far_LoA	-10,6387404	-0,105	0,300
CHR7	7964381	CHR7:7964381	SSF x Far_LoA	-11,8863388	-0,078	0,306
CHR7	7964393	CHR7:7964393	SSF x Far_LoA	-3,36202412	-0,077	0,322
CHR7	7964437	CHR7:7964437	SSF x Far_LoA	-11,3654113	-0,098	0,297
CHR7	7964471	CHR7:7964471	SSF x Far_LoA	-9,69068844	0,018	0,298
CHR7	7972955	CHR7:7972955	SSF x Far_LoA	-10,6194756	-0,070	0,300
CHR7	7987086	CHR7:7987086	SSF x Far_LoA	-10,4043804	0,011	0,296
CHR7	7987103	CHR7:7987103	SSF x Far_LoA	-9,20282379	0,001	0,311
CHR7	7994530	CHR7:7994530	SSF x Far_LoA	-7,2601654	-0,091	0,303
CHR7	7994708	CHR7:7994708	SSF x Far_LoA	-11,3487888	-0,014	0,308
CHR7	8000983	CHR7:8000983	SSF x Far_LoA	-11,5648442	-0,027	0,306
CHR7	8001185	CHR7:8001185	SSF x Far_LoA	-0,3612073	0,181	0,297
CHR7	8001189	CHR7:8001189	SSF x Far_LoA	-6,47611768	0,156	0,306
CHR7	8010045	CHR7:8010045	SSF x Far_LoA	-11,2138857	-0,054	0,313
CHR7	8010135	CHR7:8010135	SSF x Far_LoA	-10,2781425	-0,043	0,291
CHR7	8026514	CHR7:8026514	SSF x Far_LoA	-8,91272898	0,002	0,304
CHR7	8026523	CHR7:8026523	SSF x Far_LoA	-11,1300803	-0,025	0,301
CHR7	8026550	CHR7:8026550	SSF x Far_LoA	-9,24661147	0,055	0,296
CHR7	8026582	CHR7:8026582	SSF x Far_LoA	-7,76479076	0,049	0,322
CHR7	8026601	CHR7:8026601	SSF x Far_LoA	-9,00298477	-0,108	0,302
CHR7	8026608	CHR7:8026608	SSF x Far_LoA	-8,31297312	-0,082	0,303
CHR7	8026615	CHR7:8026615	SSF x Far_LoA	-7,89055396	-0,120	0,305
CHR7	8026621	CHR7:8026621	SSF x Far_LoA	-9,99384368	0,004	0,301
CHR7	8026623	CHR7:8026623	SSF x Far_LoA	4,08776997	-0,074	0,309
CHR7	8029506	CHR7:8029506	SSF x Far_LoA	-10,6205896	-0,042	0,301
CHR7	8029586	CHR7:8029586	SSF x Far_LoA	-9,15871176	0,149	0,306
CHR7	8029616	CHR7:8029616	SSF x Far_LoA	-11,5247606	0,009	0,309
CHR7	804233	CHR7:804233	SSF x Far_LoA	-9,62042379	0,000	0,308
CHR7	8044315	CHR7:8044315	SSF x Far_LoA	-8,33526317	-0,087	0,309
CHR7	8044319	CHR7:8044319	SSF x Far_LoA	-9,51648502	-0,042	0,314
CHR7	8047477	CHR7:8047477	SSF x Far_LoA	-10,2932443	-0,017	0,328
CHR7	8047526	CHR7:8047526	SSF x Far_LoA	-8,89750178	-0,102	0,317
CHR7	8047594	CHR7:8047594	SSF x Far_LoA	-9,14257847	0,051	0,310
CHR7	8047604	CHR7:8047604	SSF x Far_LoA	-7,53725544	0,077	0,304
CHR7	8055073	CHR7:8055073	SSF x Far_LoA	-5,61441922	-0,117	0,289
CHR7	8055097	CHR7:8055097	SSF x Far_LoA	-9,58947567	-0,026	0,328
CHR7	8055116	CHR7:8055116	SSF x Far_LoA	-7,64324267	-0,111	0,297
CHR7	8055129	CHR7:8055129	SSF x Far_LoA	-9,43714543	-0,023	0,302
CHR7	8055136	CHR7:8055136	SSF x Far_LoA	-9,3106112	0,021	0,296
CHR7	8055156	CHR7:8055156	SSF x Far_LoA	-10,2964436	0,049	0,295
CHR7	8064330	CHR7:8064330	SSF x Far_LoA	-10,7924286	0,087	0,299
CHR7	8064334	CHR7:8064334	SSF x Far_LoA	-9,31577445	-0,049	0,300
CHR7	8064823	CHR7:8064823	SSF x Far_LoA	-9,90804538	-0,037	0,297

CHR7	8064848	CHR7:8064848	SSF x Far_LoA	-10,840438	0,015	0,312
CHR7	8068890	CHR7:8068890	SSF x Far_LoA	-5,31296736	0,119	0,300
CHR7	8068912	CHR7:8068912	SSF x Far_LoA	-8,16618516	-0,082	0,305
CHR7	8069013	CHR7:8069013	SSF x Far_LoA	-10,0259491	-0,077	0,294
CHR7	8076044	CHR7:8076044	SSF x Far_LoA	-11,294948	0,037	0,305
CHR7	8076067	CHR7:8076067	SSF x Far_LoA	-7,49738127	0,135	0,302
CHR7	8076171	CHR7:8076171	SSF x Far_LoA	-10,7824032	-0,100	0,311
CHR7	8076186	CHR7:8076186	SSF x Far_LoA	-8,94834368	-0,067	0,301
CHR7	8085845	CHR7:8085845	SSF x Far_LoA	-9,58240314	0,135	0,311
CHR7	8085848	CHR7:8085848	SSF x Far_LoA	-9,78710721	-0,125	0,310
CHR7	8085888	CHR7:8085888	SSF x Far_LoA	-8,89877782	0,118	0,302
CHR7	8085912	CHR7:8085912	SSF x Far_LoA	-9,3950576	-0,144	0,311
CHR7	8087087	CHR7:8087087	SSF x Far_LoA	-9,43350473	-0,063	0,313
CHR7	8087107	CHR7:8087107	SSF x Far_LoA	-8,30609242	0,000	0,311
CHR7	8087189	CHR7:8087189	SSF x Far_LoA	-11,8163115	-0,065	0,292
CHR7	8087212	CHR7:8087212	SSF x Far_LoA	-7,12829784	0,102	0,298
CHR7	8087261	CHR7:8087261	SSF x Far_LoA	-8,67727162	0,039	0,298
CHR7	8087267	CHR7:8087267	SSF x Far_LoA	-10,9307026	-0,024	0,293
CHR7	8087297	CHR7:8087297	SSF x Far_LoA	-10,234703	-0,133	0,303
CHR7	8096280	CHR7:8096280	SSF x Far_LoA	-8,21893528	-0,167	0,289
CHR7	8096309	CHR7:8096309	SSF x Far_LoA	-9,6312285	-0,053	0,314
CHR7	8096336	CHR7:8096336	SSF x Far_LoA	-8,62234979	0,117	0,312
CHR7	8097265	CHR7:8097265	SSF x Far_LoA	11,4667299	0,041	0,313
CHR7	8097288	CHR7:8097288	SSF x Far_LoA	-11,3884707	-0,022	0,312
CHR7	8097321	CHR7:8097321	SSF x Far_LoA	-9,42470918	0,019	0,305
CHR7	8113671	CHR7:8113671	SSF x Far_LoA	-9,78780862	-0,101	0,308
CHR7	8113739	CHR7:8113739	SSF x Far_LoA	-8,95010876	-0,066	0,299
CHR7	8113757	CHR7:8113757	SSF x Far_LoA	-11,8131779	0,001	0,289
CHR7	8113772	CHR7:8113772	SSF x Far_LoA	-9,11743482	0,075	0,300
CHR7	8113779	CHR7:8113779	SSF x Far_LoA	-11,0615326	0,000	0,307
CHR7	8113790	CHR7:8113790	SSF x Far_LoA	-8,80445442	0,005	0,303
CHR7	8113820	CHR7:8113820	SSF x Far_LoA	-11,275771	0,041	0,314
CHR7	8113844	CHR7:8113844	SSF x Far_LoA	-10,4988579	-0,066	0,320
CHR7	8113870	CHR7:8113870	SSF x Far_LoA	-8,85965785	-0,145	0,293
CHR7	8113885	CHR7:8113885	SSF x Far_LoA	-10,0558416	-0,014	0,306
CHR7	8113924	CHR7:8113924	SSF x Far_LoA	-9,03163021	-0,093	0,315
CHR7	8116847	CHR7:8116847	SSF x Far_LoA	-10,557592	0,078	0,308
CHR7	8116853	CHR7:8116853	SSF x Far_LoA	-9,71141553	0,087	0,301
CHR7	8119352	CHR7:8119352	SSF x Far_LoA	-9,13730119	0,088	0,295
CHR7	8119361	CHR7:8119361	SSF x Far_LoA	6,48309131	-0,022	0,312
CHR7	8119386	CHR7:8119386	SSF x Far_LoA	-11,74261	-0,002	0,302
CHR7	8134488	CHR7:8134488	SSF x Far_LoA	-6,74870172	-0,094	0,308
CHR7	8137143	CHR7:8137143	SSF x Far_LoA	-7,4782611	-0,020	0,298
CHR7	8137147	CHR7:8137147	SSF x Far_LoA	-9,45851564	-0,050	0,292
CHR7	8137159	CHR7:8137159	SSF x Far_LoA	-10,5709417	0,000	0,307
CHR7	8137194	CHR7:8137194	SSF x Far_LoA	-9,27304652	0,010	0,299
CHR7	8137243	CHR7:8137243	SSF x Far_LoA	-9,24607483	-0,070	0,295
CHR7	8141643	CHR7:8141643	SSF x Far_LoA	-6,17554903	0,055	0,316
CHR7	8147363	CHR7:8147363	SSF x Far_LoA	-6,24174617	0,117	0,299
CHR7	8147566	CHR7:8147566	SSF x Far_LoA	-11,5267589	-0,001	0,295
CHR7	814830	CHR7:814830	SSF x Far_LoA	-8,54345925	0,050	0,309
CHR7	8152868	CHR7:8152868	SSF x Far_LoA	-11,8001841	0,014	0,297
CHR7	8158227	CHR7:8158227	SSF x Far_LoA	-10,8648281	0,043	0,307

CHR7	8158288	CHR7:8158288	SSF x Far_LoA	-10,7568115	-0,024	0,312
CHR7	8165939	CHR7:8165939	SSF x Far_LoA	-7,24486011	0,140	0,300
CHR7	8165954	CHR7:8165954	SSF x Far_LoA	-11,7429705	-0,010	0,300
CHR7	8166015	CHR7:8166015	SSF x Far_LoA	-8,43545304	-0,166	0,308
CHR7	8166034	CHR7:8166034	SSF x Far_LoA	-7,00057326	-0,058	0,305
CHR7	8166037	CHR7:8166037	SSF x Far_LoA	-7,84800453	-0,048	0,305
CHR7	8166064	CHR7:8166064	SSF x Far_LoA	-10,4234746	-0,102	0,305
CHR7	8166086	CHR7:8166086	SSF x Far_LoA	-10,2733783	0,086	0,323
CHR7	8167921	CHR7:8167921	SSF x Far_LoA	-10,7941044	0,066	0,300
CHR7	8167946	CHR7:8167946	SSF x Far_LoA	-10,480935	0,058	0,298
CHR7	8167957	CHR7:8167957	SSF x Far_LoA	-9,7138594	0,005	0,297
CHR7	8167960	CHR7:8167960	SSF x Far_LoA	-8,77124097	-0,013	0,297
CHR7	8167966	CHR7:8167966	SSF x Far_LoA	-8,16997025	0,059	0,305
CHR7	8167979	CHR7:8167979	SSF x Far_LoA	-9,19019401	-0,003	0,302
CHR7	8174052	CHR7:8174052	SSF x Far_LoA	-9,88773615	-0,115	0,315
CHR7	8174083	CHR7:8174083	SSF x Far_LoA	-2,03701533	-0,075	0,312
CHR7	8174240	CHR7:8174240	SSF x Far_LoA	-10,2016717	0,048	0,306
CHR7	8181364	CHR7:8181364	SSF x Far_LoA	-8,67228407	-0,003	0,304
CHR7	8181365	CHR7:8181365	SSF x Far_LoA	-11,8384587	-0,059	0,314
CHR7	8181390	CHR7:8181390	SSF x Far_LoA	-8,40050304	0,041	0,312
CHR7	8181435	CHR7:8181435	SSF x Far_LoA	-9,69269604	-0,053	0,298
CHR7	8181444	CHR7:8181444	SSF x Far_LoA	-9,95690834	-0,033	0,303
CHR7	8189945	CHR7:8189945	SSF x Far_LoA	-8,13273834	0,043	0,315
CHR7	8190035	CHR7:8190035	SSF x Far_LoA	-8,64771982	0,075	0,317
CHR7	819004	CHR7:819004	SSF x Far_LoA	-7,99656931	-0,011	0,319
CHR7	819188	CHR7:819188	SSF x Far_LoA	-9,25852981	0,035	0,313
CHR7	8192929	CHR7:8192929	SSF x Far_LoA	-9,38255242	0,071	0,314
CHR7	8192930	CHR7:8192930	SSF x Far_LoA	-5,52364707	-0,048	0,298
CHR7	8192938	CHR7:8192938	SSF x Far_LoA	-11,5174385	0,014	0,289
CHR7	8192940	CHR7:8192940	SSF x Far_LoA	-10,8426966	0,029	0,314
CHR7	8192991	CHR7:8192991	SSF x Far_LoA	-7,80587946	0,147	0,295
CHR7	8192997	CHR7:8192997	SSF x Far_LoA	-7,33093964	-0,122	0,301
CHR7	8193046	CHR7:8193046	SSF x Far_LoA	-9,17823963	0,089	0,307
CHR7	8193061	CHR7:8193061	SSF x Far_LoA	-10,3909296	0,101	0,300
CHR7	8193073	CHR7:8193073	SSF x Far_LoA	-7,40223243	0,108	0,305
CHR7	8193091	CHR7:8193091	SSF x Far_LoA	-10,6658252	0,027	0,296
CHR7	8198916	CHR7:8198916	SSF x Far_LoA	-7,06552525	-0,087	0,285
CHR7	8198932	CHR7:8198932	SSF x Far_LoA	-8,99432982	-0,129	0,303
CHR7	8198934	CHR7:8198934	SSF x Far_LoA	-8,67343579	-0,121	0,304
CHR7	8198939	CHR7:8198939	SSF x Far_LoA	-10,4112573	-0,095	0,299
CHR7	8198952	CHR7:8198952	SSF x Far_LoA	-12,2047044	-0,022	0,289
CHR7	8198953	CHR7:8198953	SSF x Far_LoA	-10,3060222	-0,123	0,292
CHR7	8198960	CHR7:8198960	SSF x Far_LoA	-8,57136379	-0,097	0,304
CHR7	8199135	CHR7:8199135	SSF x Far_LoA	-9,12644982	0,033	0,309
CHR7	8222103	CHR7:8222103	SSF x Far_LoA	-9,29532907	0,049	0,302
CHR7	8222108	CHR7:8222108	SSF x Far_LoA	-9,84753505	-0,055	0,319
CHR7	8222168	CHR7:8222168	SSF x Far_LoA	-8,36923836	-0,010	0,301
CHR7	8222310	CHR7:8222310	SSF x Far_LoA	-8,00831529	-0,002	0,312
CHR7	8232609	CHR7:8232609	SSF x Far_LoA	-8,28953473	-0,006	0,298
CHR7	8232613	CHR7:8232613	SSF x Far_LoA	-11,7317604	0,077	0,295
CHR7	8232621	CHR7:8232621	SSF x Far_LoA	-9,24989322	0,065	0,310
CHR7	8232631	CHR7:8232631	SSF x Far_LoA	-10,0195314	0,020	0,292
CHR7	8232688	CHR7:8232688	SSF x Far_LoA	-9,83423702	0,073	0,303

CHR7	8241328	CHR7:8241328	SSF x Far_LoA	-8,09909631	-0,043	0,313
CHR7	8241342	CHR7:8241342	SSF x Far_LoA	-7,77506184	-0,064	0,298
CHR7	824649	CHR7:824649	SSF x Far_LoA	-10,2098545	-0,054	0,297
CHR7	8247145	CHR7:8247145	SSF x Far_LoA	-9,36806913	-0,072	0,315
CHR7	824749	CHR7:824749	SSF x Far_LoA	-11,3435561	-0,033	0,310
CHR7	8253142	CHR7:8253142	SSF x Far_LoA	-11,1334564	-0,057	0,319
CHR7	8253163	CHR7:8253163	SSF x Far_LoA	-10,5918978	-0,047	0,320
CHR7	8253176	CHR7:8253176	SSF x Far_LoA	-8,18494534	-0,017	0,305
CHR7	8253178	CHR7:8253178	SSF x Far_LoA	-10,9215821	-0,069	0,284
CHR7	8253197	CHR7:8253197	SSF x Far_LoA	-9,61427118	-0,129	0,310
CHR7	8253223	CHR7:8253223	SSF x Far_LoA	-6,79015225	0,129	0,286
CHR7	8253246	CHR7:8253246	SSF x Far_LoA	-8,57317972	0,080	0,293
CHR7	8253326	CHR7:8253326	SSF x Far_LoA	-10,6959215	-0,007	0,318
CHR7	8256094	CHR7:8256094	SSF x Far_LoA	-10,3374634	-0,132	0,304
CHR7	8267408	CHR7:8267408	SSF x Far_LoA	-6,19190451	-0,135	0,304
CHR7	8267425	CHR7:8267425	SSF x Far_LoA	-8,41937442	0,135	0,299
CHR7	8267442	CHR7:8267442	SSF x Far_LoA	-6,89187224	-0,118	0,311
CHR7	8267500	CHR7:8267500	SSF x Far_LoA	-9,62557993	-0,080	0,312
CHR7	8267523	CHR7:8267523	SSF x Far_LoA	-8,29530007	-0,025	0,313
CHR7	8267528	CHR7:8267528	SSF x Far_LoA	-8,36302775	0,101	0,300
CHR7	8267587	CHR7:8267587	SSF x Far_LoA	-4,5904254	0,234	0,291
CHR7	8267651	CHR7:8267651	SSF x Far_LoA	-10,0375417	-0,065	0,307
CHR7	8269046	CHR7:8269046	SSF x Far_LoA	-9,27187202	0,109	0,312
CHR7	8269051	CHR7:8269051	SSF x Far_LoA	-9,02327901	0,150	0,312
CHR7	8271365	CHR7:8271365	SSF x Far_LoA	-8,42018331	-0,034	0,295
CHR7	8271385	CHR7:8271385	SSF x Far_LoA	-9,66075833	-0,044	0,288
CHR7	8271422	CHR7:8271422	SSF x Far_LoA	-8,36155611	-0,044	0,298
CHR7	8271431	CHR7:8271431	SSF x Far_LoA	-8,01532096	0,045	0,308
CHR7	829999	CHR7:829999	SSF x Far_LoA	-10,6005568	0,009	0,312
CHR7	8300129	CHR7:8300129	SSF x Far_LoA	-9,20410404	-0,178	0,303
CHR7	8306903	CHR7:8306903	SSF x Far_LoA	-4,0022156	-0,141	0,274
CHR7	8311830	CHR7:8311830	SSF x Far_LoA	-11,1962115	0,058	0,298
CHR7	8311847	CHR7:8311847	SSF x Far_LoA	-11,7592733	0,050	0,303
CHR7	8311872	CHR7:8311872	SSF x Far_LoA	-9,92475346	0,019	0,308
CHR7	8311886	CHR7:8311886	SSF x Far_LoA	-8,14981023	0,032	0,310
CHR7	8311895	CHR7:8311895	SSF x Far_LoA	-9,83858832	0,126	0,307
CHR7	8311896	CHR7:8311896	SSF x Far_LoA	-10,5993237	0,109	0,309
CHR7	8325462	CHR7:8325462	SSF x Far_LoA	-10,274819	0,130	0,303
CHR7	8327652	CHR7:8327652	SSF x Far_LoA	-8,82172077	0,048	0,304
CHR7	8327653	CHR7:8327653	SSF x Far_LoA	-4,54632219	0,017	0,313
CHR7	8327686	CHR7:8327686	SSF x Far_LoA	-11,5333647	-0,110	0,299
CHR7	8342114	CHR7:8342114	SSF x Far_LoA	-7,93095308	0,062	0,308
CHR7	8342168	CHR7:8342168	SSF x Far_LoA	-9,6152689	-0,006	0,301
CHR7	8350281	CHR7:8350281	SSF x Far_LoA	-6,79263122	-0,007	0,315
CHR7	8350332	CHR7:8350332	SSF x Far_LoA	-8,37959888	-0,167	0,288
CHR7	8350621	CHR7:8350621	SSF x Far_LoA	-8,1527092	-0,063	0,316
CHR7	8350630	CHR7:8350630	SSF x Far_LoA	-9,82061316	-0,023	0,317
CHR7	8350702	CHR7:8350702	SSF x Far_LoA	-5,70928918	-0,140	0,305
CHR7	835634	CHR7:835634	SSF x Far_LoA	-9,17999062	-0,135	0,298
CHR7	835649	CHR7:835649	SSF x Far_LoA	-11,9219358	-0,001	0,305
CHR7	835751	CHR7:835751	SSF x Far_LoA	-8,7042854	-0,061	0,318
CHR7	835770	CHR7:835770	SSF x Far_LoA	-8,64482208	-0,039	0,312
CHR7	835800	CHR7:835800	SSF x Far_LoA	-9,57245263	0,003	0,310

CHR7	840050	CHR7:840050	SSF x Far_LoA	-10,4368231	-0,086	0,316
CHR7	840073	CHR7:840073	SSF x Far_LoA	-11,8401256	0,057	0,289
CHR7	840074	CHR7:840074	SSF x Far_LoA	-11,6242602	0,082	0,297
CHR7	841794	CHR7:841794	SSF x Far_LoA	-11,1435614	0,040	0,309
CHR7	841807	CHR7:841807	SSF x Far_LoA	-8,15824464	-0,114	0,317
CHR7	846954	CHR7:846954	SSF x Far_LoA	-9,31502995	0,063	0,299
CHR7	846983	CHR7:846983	SSF x Far_LoA	-10,5845798	0,065	0,306
CHR7	846992	CHR7:846992	SSF x Far_LoA	-8,92216588	-0,086	0,313
CHR7	847010	CHR7:847010	SSF x Far_LoA	-9,47504615	0,098	0,287
CHR7	8548473	CHR7:8548473	SSF x Far_LoA	-6,22027292	-0,016	0,315
CHR7	8548500	CHR7:8548500	SSF x Far_LoA	-8,42137451	0,049	0,320
CHR7	8548514	CHR7:8548514	SSF x Far_LoA	-8,44382496	0,065	0,317
CHR7	8548523	CHR7:8548523	SSF x Far_LoA	-9,45556003	0,054	0,308
CHR7	8548563	CHR7:8548563	SSF x Far_LoA	-8,69887818	0,067	0,307
CHR7	8548579	CHR7:8548579	SSF x Far_LoA	-3,4455708	0,045	0,313
CHR7	8548590	CHR7:8548590	SSF x Far_LoA	-8,33288565	0,055	0,316
CHR7	8548601	CHR7:8548601	SSF x Far_LoA	-8,31953322	0,058	0,322
CHR7	855637	CHR7:855637	SSF x Far_LoA	-12,5224232	-0,023	0,299
CHR7	855789	CHR7:855789	SSF x Far_LoA	-10,2664448	0,027	0,306
CHR7	855831	CHR7:855831	SSF x Far_LoA	-8,21805148	-0,016	0,294
CHR7	855844	CHR7:855844	SSF x Far_LoA	-10,9093786	-0,095	0,309
CHR7	855868	CHR7:855868	SSF x Far_LoA	-11,2015401	0,090	0,293
CHR7	8572798	CHR7:8572798	SSF x Far_LoA	-7,58677375	-0,017	0,331
CHR7	8572935	CHR7:8572935	SSF x Far_LoA	-9,39872023	0,008	0,310
CHR7	861154	CHR7:861154	SSF x Far_LoA	-9,56577779	-0,063	0,305
CHR7	861224	CHR7:861224	SSF x Far_LoA	-3,96732248	-0,038	0,313
CHR7	8664770	CHR7:8664770	SSF x Far_LoA	-8,02200385	0,054	0,303
CHR7	867616	CHR7:867616	SSF x Far_LoA	-9,21098334	-0,048	0,302
CHR7	873905	CHR7:873905	SSF x Far_LoA	-8,31326381	0,135	0,304
CHR7	8795776	CHR7:8795776	SSF x Far_LoA	-9,49549693	0,012	0,306
CHR7	8795793	CHR7:8795793	SSF x Far_LoA	-8,98386064	-0,029	0,317
CHR7	8795844	CHR7:8795844	SSF x Far_LoA	-8,67095004	-0,025	0,307
CHR7	8795890	CHR7:8795890	SSF x Far_LoA	-8,441248	0,009	0,326
CHR7	8795953	CHR7:8795953	SSF x Far_LoA	-8,94449198	0,015	0,303
CHR7	8795982	CHR7:8795982	SSF x Far_LoA	-7,27907088	-0,005	0,333
CHR7	8799952	CHR7:8799952	SSF x Far_LoA	-6,55863796	-0,002	0,333
CHR7	8799973	CHR7:8799973	SSF x Far_LoA	-6,12198359	-0,028	0,325
CHR7	8799998	CHR7:8799998	SSF x Far_LoA	-7,82514641	-0,006	0,320
CHR7	8800010	CHR7:8800010	SSF x Far_LoA	-8,62438844	0,032	0,329
CHR7	8800019	CHR7:8800019	SSF x Far_LoA	-9,22080139	0,029	0,307
CHR7	8800067	CHR7:8800067	SSF x Far_LoA	-7,22001542	-0,002	0,310
CHR7	8800959	CHR7:8800959	SSF x Far_LoA	-8,21640307	0,005	0,323
CHR7	8800969	CHR7:8800969	SSF x Far_LoA	-7,81770516	0,020	0,324
CHR7	883150	CHR7:883150	SSF x Far_LoA	-7,00931148	0,168	0,290
CHR7	883151	CHR7:883151	SSF x Far_LoA	-8,02802039	0,113	0,295
CHR7	8836018	CHR7:8836018	SSF x Far_LoA	-7,83533724	-0,050	0,317
CHR7	8836067	CHR7:8836067	SSF x Far_LoA	-7,90072615	0,022	0,317
CHR7	885607	CHR7:885607	SSF x Far_LoA	-10,7633133	-0,089	0,306
CHR7	888783	CHR7:888783	SSF x Far_LoA	-9,8055819	0,073	0,305
CHR7	8892664	CHR7:8892664	SSF x Far_LoA	-11,1698716	-0,045	0,293
CHR7	889326	CHR7:889326	SSF x Far_LoA	-8,77905205	0,048	0,300
CHR7	889344	CHR7:889344	SSF x Far_LoA	-7,34585566	0,161	0,298
CHR7	8924160	CHR7:8924160	SSF x Far_LoA	-7,74410864	-0,009	0,328

CHR7	8924219	CHR7:8924219	SSF x Far_LoA	-6,26363394	-0,005	0,322
CHR7	8924245	CHR7:8924245	SSF x Far_LoA	-5,19907475	-0,025	0,318
CHR7	8924253	CHR7:8924253	SSF x Far_LoA	-7,82679727	-0,012	0,335
CHR7	8924265	CHR7:8924265	SSF x Far_LoA	-7,46834297	0,007	0,327
CHR7	8926884	CHR7:8926884	SSF x Far_LoA	-9,07864116	-0,099	0,298
CHR7	8926885	CHR7:8926885	SSF x Far_LoA	-7,92058471	0,171	0,283
CHR7	8939038	CHR7:8939038	SSF x Far_LoA	-8,21456594	-0,009	0,306
CHR7	896835	CHR7:896835	SSF x Far_LoA	-9,97214779	0,019	0,302
CHR7	896863	CHR7:896863	SSF x Far_LoA	-10,1517184	-0,016	0,313
CHR7	8997748	CHR7:8997748	SSF x Far_LoA	-11,1248965	0,024	0,300
CHR7	908709	CHR7:908709	SSF x Far_LoA	-9,56271269	0,009	0,318
CHR7	908722	CHR7:908722	SSF x Far_LoA	-8,28314009	-0,099	0,319
CHR7	908763	CHR7:908763	SSF x Far_LoA	-5,23896784	0,165	0,310
CHR7	908792	CHR7:908792	SSF x Far_LoA	-10,7288211	-0,035	0,305
CHR7	9104149	CHR7:9104149	SSF x Far_LoA	-11,6702945	0,061	0,297
CHR7	9104172	CHR7:9104172	SSF x Far_LoA	-11,3630283	0,036	0,303
CHR7	910890	CHR7:910890	SSF x Far_LoA	-11,6058445	-0,029	0,293
CHR7	910926	CHR7:910926	SSF x Far_LoA	-8,31511949	0,107	0,300
CHR7	911017	CHR7:911017	SSF x Far_LoA	-9,45414648	0,016	0,322
CHR7	911027	CHR7:911027	SSF x Far_LoA	-9,39423162	0,069	0,312
CHR7	9138030	CHR7:9138030	SSF x Far_LoA	-8,49420162	0,024	0,308
CHR7	9150903	CHR7:9150903	SSF x Far_LoA	-9,74718095	-0,010	0,314
CHR7	915442	CHR7:915442	SSF x Far_LoA	-11,1903605	-0,014	0,315
CHR7	9156707	CHR7:9156707	SSF x Far_LoA	-7,04798138	0,061	0,310
CHR7	9227095	CHR7:9227095	SSF x Far_LoA	-11,3625591	-0,048	0,296
CHR7	9230920	CHR7:9230920	SSF x Far_LoA	-11,4260744	-0,041	0,309
CHR7	9230992	CHR7:9230992	SSF x Far_LoA	-10,7294927	-0,051	0,301
CHR7	9242570	CHR7:9242570	SSF x Far_LoA	-9,60475332	-0,004	0,320
CHR7	925862	CHR7:925862	SSF x Far_LoA	-10,5910591	0,032	0,302
CHR7	925890	CHR7:925890	SSF x Far_LoA	-11,8311336	0,030	0,305
CHR7	925908	CHR7:925908	SSF x Far_LoA	-6,14832727	-0,034	0,311
CHR7	926005	CHR7:926005	SSF x Far_LoA	-9,70337414	0,068	0,301
CHR7	926021	CHR7:926021	SSF x Far_LoA	-9,73964698	0,126	0,295
CHR7	9260425	CHR7:9260425	SSF x Far_LoA	-11,5072626	-0,004	0,295
CHR7	9260429	CHR7:9260429	SSF x Far_LoA	-10,4938601	0,021	0,319
CHR7	926056	CHR7:926056	SSF x Far_LoA	-11,3671665	-0,019	0,304
CHR7	9267797	CHR7:9267797	SSF x Far_LoA	-10,7962237	-0,017	0,308
CHR7	9274225	CHR7:9274225	SSF x Far_LoA	-9,8718731	0,037	0,293
CHR7	9274313	CHR7:9274313	SSF x Far_LoA	-8,94381196	0,038	0,298
CHR7	9283499	CHR7:9283499	SSF x Far_LoA	-7,67355814	0,053	0,304
CHR7	9283604	CHR7:9283604	SSF x Far_LoA	-8,63944224	0,049	0,311
CHR7	9285931	CHR7:9285931	SSF x Far_LoA	-10,0571468	0,017	0,306
CHR7	928950	CHR7:928950	SSF x Far_LoA	-11,946284	0,005	0,292
CHR7	928984	CHR7:928984	SSF x Far_LoA	-11,6748867	0,010	0,303
CHR7	929052	CHR7:929052	SSF x Far_LoA	-10,3288646	-0,039	0,311
CHR7	9315557	CHR7:9315557	SSF x Far_LoA	-9,63528411	-0,017	0,322
CHR7	9315560	CHR7:9315560	SSF x Far_LoA	-11,7659849	-0,019	0,306
CHR7	9315581	CHR7:9315581	SSF x Far_LoA	-8,79167534	-0,111	0,310
CHR7	9315592	CHR7:9315592	SSF x Far_LoA	-8,62482439	-0,078	0,305
CHR7	9315598	CHR7:9315598	SSF x Far_LoA	-11,5213115	-0,027	0,317
CHR7	9315599	CHR7:9315599	SSF x Far_LoA	-11,9460458	-0,031	0,309
CHR7	9315689	CHR7:9315689	SSF x Far_LoA	-8,93961103	-0,052	0,300
CHR7	9315717	CHR7:9315717	SSF x Far_LoA	-10,0601881	-0,050	0,290

CHR7	9315762	CHR7:9315762	SSF x Far_LoA	-9,4491711	-0,042	0,302
CHR7	9315771	CHR7:9315771	SSF x Far_LoA	-9,9959071	-0,056	0,295
CHR7	9323200	CHR7:9323200	SSF x Far_LoA	-9,75013269	0,025	0,296
CHR7	9323220	CHR7:9323220	SSF x Far_LoA	-7,83880011	-0,099	0,302
CHR7	9323229	CHR7:9323229	SSF x Far_LoA	-7,97426053	-0,102	0,298
CHR7	9323231	CHR7:9323231	SSF x Far_LoA	-10,2470253	-0,111	0,285
CHR7	9323321	CHR7:9323321	SSF x Far_LoA	-8,1620072	-0,096	0,284
CHR7	9323427	CHR7:9323427	SSF x Far_LoA	-9,1403404	-0,082	0,297
CHR7	932907	CHR7:932907	SSF x Far_LoA	-10,7410728	0,048	0,302
CHR7	932926	CHR7:932926	SSF x Far_LoA	-6,53356276	0,016	0,302
CHR7	932927	CHR7:932927	SSF x Far_LoA	-8,99213356	-0,029	0,308
CHR7	932964	CHR7:932964	SSF x Far_LoA	-12,0531513	-0,025	0,303
CHR7	933086	CHR7:933086	SSF x Far_LoA	-11,5759467	0,095	0,302
CHR7	9332440	CHR7:9332440	SSF x Far_LoA	-8,70123798	-0,037	0,301
CHR7	9332539	CHR7:9332539	SSF x Far_LoA	-11,1733959	0,024	0,296
CHR7	9340440	CHR7:9340440	SSF x Far_LoA	-8,91598175	-0,023	0,311
CHR7	9340463	CHR7:9340463	SSF x Far_LoA	-10,25177	0,070	0,308
CHR7	9340505	CHR7:9340505	SSF x Far_LoA	-9,40071762	-0,013	0,312
CHR7	9340520	CHR7:9340520	SSF x Far_LoA	-9,01180281	-0,093	0,297
CHR7	9340580	CHR7:9340580	SSF x Far_LoA	-9,53245347	-0,118	0,314
CHR7	9345361	CHR7:9345361	SSF x Far_LoA	-9,33046371	0,001	0,304
CHR7	9345429	CHR7:9345429	SSF x Far_LoA	-9,84660039	0,004	0,301
CHR7	9349273	CHR7:9349273	SSF x Far_LoA	-11,399449	-0,101	0,297
CHR7	9349305	CHR7:9349305	SSF x Far_LoA	-12,0282328	-0,082	0,304
CHR7	9349394	CHR7:9349394	SSF x Far_LoA	-5,24876576	0,166	0,286
CHR7	9350349	CHR7:9350349	SSF x Far_LoA	-10,7940426	0,039	0,307
CHR7	9350350	CHR7:9350350	SSF x Far_LoA	-11,2762452	0,014	0,299
CHR7	9350371	CHR7:9350371	SSF x Far_LoA	-7,15185327	0,126	0,289
CHR7	9350386	CHR7:9350386	SSF x Far_LoA	-7,44456123	-0,084	0,304
CHR7	9350388	CHR7:9350388	SSF x Far_LoA	-5,41286279	-0,087	0,318
CHR7	9357687	CHR7:9357687	SSF x Far_LoA	-4,41539968	-0,180	0,296
CHR7	9357732	CHR7:9357732	SSF x Far_LoA	-8,79634426	-0,064	0,301
CHR7	9361390	CHR7:9361390	SSF x Far_LoA	-10,0540138	-0,056	0,299
CHR7	9361422	CHR7:9361422	SSF x Far_LoA	-10,5669227	-0,027	0,296
CHR7	9361523	CHR7:9361523	SSF x Far_LoA	-8,80588279	-0,006	0,301
CHR7	9361606	CHR7:9361606	SSF x Far_LoA	-8,90763164	-0,102	0,302
CHR7	9361633	CHR7:9361633	SSF x Far_LoA	-9,14037226	-0,194	0,278
CHR7	9364084	CHR7:9364084	SSF x Far_LoA	-0,816964	0,213	0,286
CHR7	9364129	CHR7:9364129	SSF x Far_LoA	4,69042375	0,208	0,284
CHR7	9364182	CHR7:9364182	SSF x Far_LoA	-0,05750529	0,213	0,282
CHR7	9380107	CHR7:9380107	SSF x Far_LoA	-8,40909339	-0,020	0,299
CHR7	9380171	CHR7:9380171	SSF x Far_LoA	-7,87310428	-0,021	0,291
CHR7	9413731	CHR7:9413731	SSF x Far_LoA	-7,19081236	0,143	0,300
CHR7	9413732	CHR7:9413732	SSF x Far_LoA	-9,23041534	0,051	0,314
CHR7	9413734	CHR7:9413734	SSF x Far_LoA	-10,5218711	-0,056	0,303
CHR7	9415872	CHR7:9415872	SSF x Far_LoA	-8,79808034	0,059	0,304
CHR7	9423206	CHR7:9423206	SSF x Far_LoA	-7,84062869	-0,052	0,311
CHR7	9423250	CHR7:9423250	SSF x Far_LoA	-9,29026063	0,164	0,286
CHR7	9423252	CHR7:9423252	SSF x Far_LoA	-10,3032942	0,048	0,301
CHR7	9432281	CHR7:9432281	SSF x Far_LoA	-11,5785457	0,025	0,320
CHR7	9432299	CHR7:9432299	SSF x Far_LoA	-10,1933433	0,008	0,290
CHR7	9432300	CHR7:9432300	SSF x Far_LoA	-9,98575907	0,024	0,297
CHR7	9432311	CHR7:9432311	SSF x Far_LoA	-8,79353815	0,051	0,314

CHR7	9443778	CHR7:9443778	SSF x Far_LoA	-9,76776115	0,015	0,300
CHR7	9443779	CHR7:9443779	SSF x Far_LoA	-9,67900448	-0,116	0,302
CHR7	9443786	CHR7:9443786	SSF x Far_LoA	-8,02216069	-0,064	0,309
CHR7	9443790	CHR7:9443790	SSF x Far_LoA	-6,17044329	-0,105	0,317
CHR7	9443794	CHR7:9443794	SSF x Far_LoA	-10,0582796	-0,087	0,313
CHR7	9443824	CHR7:9443824	SSF x Far_LoA	-8,67297837	-0,085	0,312
CHR7	9444251	CHR7:9444251	SSF x Far_LoA	-8,53437752	-0,122	0,301
CHR7	9444252	CHR7:9444252	SSF x Far_LoA	-10,8395509	-0,111	0,295
CHR7	9444273	CHR7:9444273	SSF x Far_LoA	-6,11531869	-0,112	0,306
CHR7	9444280	CHR7:9444280	SSF x Far_LoA	-9,98810716	-0,041	0,299
CHR7	9444287	CHR7:9444287	SSF x Far_LoA	-11,3669248	-0,066	0,298
CHR7	9466838	CHR7:9466838	SSF x Far_LoA	-8,78430284	0,017	0,315
CHR7	9466977	CHR7:9466977	SSF x Far_LoA	-9,18011232	-0,017	0,305
CHR7	9467079	CHR7:9467079	SSF x Far_LoA	-8,6352636	-0,055	0,310
CHR7	9490035	CHR7:9490035	SSF x Far_LoA	2,45526675	0,118	0,303
CHR7	9501746	CHR7:9501746	SSF x Far_LoA	-6,73031204	-0,120	0,310
CHR7	9501825	CHR7:9501825	SSF x Far_LoA	-9,49357956	0,044	0,303
CHR7	9501857	CHR7:9501857	SSF x Far_LoA	-6,88673593	-0,124	0,306
CHR7	9501926	CHR7:9501926	SSF x Far_LoA	-9,21831475	-0,025	0,301
CHR7	9501945	CHR7:9501945	SSF x Far_LoA	-7,25678467	0,035	0,306
CHR7	9503696	CHR7:9503696	SSF x Far_LoA	-10,7451077	-0,037	0,294
CHR7	9525691	CHR7:9525691	SSF x Far_LoA	-11,5423253	-0,052	0,290
CHR7	9525708	CHR7:9525708	SSF x Far_LoA	-10,2075787	-0,044	0,293
CHR7	9525762	CHR7:9525762	SSF x Far_LoA	-8,90064048	0,039	0,312
CHR7	954543	CHR7:954543	SSF x Far_LoA	-10,8207483	0,059	0,304
CHR7	9589044	CHR7:9589044	SSF x Far_LoA	-7,14782904	0,049	0,305
CHR7	9592487	CHR7:9592487	SSF x Far_LoA	-6,3399133	-0,046	0,301
CHR7	9592512	CHR7:9592512	SSF x Far_LoA	-3,85277375	0,079	0,318
CHR7	9592526	CHR7:9592526	SSF x Far_LoA	-8,91606944	-0,044	0,303
CHR7	9592529	CHR7:9592529	SSF x Far_LoA	-10,1048573	0,062	0,307
CHR7	9592574	CHR7:9592574	SSF x Far_LoA	-8,78358039	0,081	0,308
CHR7	9592590	CHR7:9592590	SSF x Far_LoA	-9,66032889	-0,080	0,289
CHR7	9592681	CHR7:9592681	SSF x Far_LoA	-9,7574431	-0,069	0,287
CHR7	9592688	CHR7:9592688	SSF x Far_LoA	-4,50619945	0,032	0,305
CHR7	960090	CHR7:960090	SSF x Far_LoA	-11,0457134	-0,118	0,304
CHR7	9601938	CHR7:9601938	SSF x Far_LoA	2,53100184	-0,030	0,316
CHR7	9601939	CHR7:9601939	SSF x Far_LoA	-9,77273725	0,005	0,308
CHR7	9601986	CHR7:9601986	SSF x Far_LoA	-9,4420138	0,017	0,313
CHR7	9602003	CHR7:9602003	SSF x Far_LoA	-10,0736522	0,020	0,299
CHR7	9602009	CHR7:9602009	SSF x Far_LoA	-10,0669996	-0,014	0,300
CHR7	9602047	CHR7:9602047	SSF x Far_LoA	-10,4418775	-0,006	0,311
CHR7	960562	CHR7:960562	SSF x Far_LoA	-10,3107497	-0,026	0,299
CHR7	960565	CHR7:960565	SSF x Far_LoA	-6,19307978	-0,051	0,305
CHR7	9605892	CHR7:9605892	SSF x Far_LoA	-7,41090547	-0,150	0,300
CHR7	9611836	CHR7:9611836	SSF x Far_LoA	-3,74881882	0,147	0,310
CHR7	9611847	CHR7:9611847	SSF x Far_LoA	-7,21524475	-0,181	0,300
CHR7	9611951	CHR7:9611951	SSF x Far_LoA	-10,3495514	-0,127	0,294
CHR7	9612070	CHR7:9612070	SSF x Far_LoA	-8,16039448	-0,129	0,313
CHR7	9614935	CHR7:9614935	SSF x Far_LoA	-6,71755266	-0,076	0,296
CHR7	9614959	CHR7:9614959	SSF x Far_LoA	-11,9422753	0,030	0,309
CHR7	9614995	CHR7:9614995	SSF x Far_LoA	-8,06822515	0,031	0,301
CHR7	9615010	CHR7:9615010	SSF x Far_LoA	-9,65844203	-0,081	0,320
CHR7	9615022	CHR7:9615022	SSF x Far_LoA	-10,1776213	-0,085	0,324

CHR7	9622924	CHR7:9622924	SSF x Far_LoA	-8,96199452	0,138	0,301
CHR7	9622943	CHR7:9622943	SSF x Far_LoA	-6,7189089	0,136	0,315
CHR7	9622998	CHR7:9622998	SSF x Far_LoA	-9,53427151	0,154	0,296
CHR7	9623292	CHR7:9623292	SSF x Far_LoA	-8,74676112	0,076	0,298
CHR7	963223	CHR7:963223	SSF x Far_LoA	-8,7295427	0,103	0,298
CHR7	9642149	CHR7:9642149	SSF x Far_LoA	-5,87722889	-0,140	0,300
CHR7	9642158	CHR7:9642158	SSF x Far_LoA	-7,73397597	-0,027	0,313
CHR7	9642206	CHR7:9642206	SSF x Far_LoA	-6,45330771	0,129	0,287
CHR7	9642254	CHR7:9642254	SSF x Far_LoA	-6,30170929	0,233	0,278
CHR7	9649271	CHR7:9649271	SSF x Far_LoA	-8,63391086	-0,082	0,308
CHR7	9649458	CHR7:9649458	SSF x Far_LoA	-7,6702727	0,082	0,308
CHR7	9649518	CHR7:9649518	SSF x Far_LoA	-9,00780313	0,064	0,315
CHR7	9655937	CHR7:9655937	SSF x Far_LoA	-9,82690836	0,090	0,306
CHR7	9659556	CHR7:9659556	SSF x Far_LoA	-9,23988843	0,001	0,322
CHR7	9659562	CHR7:9659562	SSF x Far_LoA	-9,45546309	0,003	0,304
CHR7	9659611	CHR7:9659611	SSF x Far_LoA	-8,43926265	-0,064	0,313
CHR7	9659646	CHR7:9659646	SSF x Far_LoA	-9,12185981	-0,004	0,306
CHR7	9659670	CHR7:9659670	SSF x Far_LoA	-8,92669059	-0,005	0,306
CHR7	9666766	CHR7:9666766	SSF x Far_LoA	-10,0878068	-0,060	0,305
CHR7	9666909	CHR7:9666909	SSF x Far_LoA	-9,22266843	0,168	0,287
CHR7	9666949	CHR7:9666949	SSF x Far_LoA	-7,73389611	-0,119	0,305
CHR7	9674664	CHR7:9674664	SSF x Far_LoA	-8,92903533	0,085	0,310
CHR7	9674840	CHR7:9674840	SSF x Far_LoA	-9,85139173	0,054	0,293
CHR7	9674871	CHR7:9674871	SSF x Far_LoA	-9,44316992	-0,030	0,296
CHR7	9681757	CHR7:9681757	SSF x Far_LoA	-9,62841966	0,023	0,298
CHR7	9682064	CHR7:9682064	SSF x Far_LoA	-11,1130978	-0,026	0,313
CHR7	9682070	CHR7:9682070	SSF x Far_LoA	-3,32960362	-0,063	0,325
CHR7	969509	CHR7:969509	SSF x Far_LoA	-9,01468483	0,029	0,308
CHR7	969670	CHR7:969670	SSF x Far_LoA	-6,4841806	0,095	0,315
CHR7	9706373	CHR7:9706373	SSF x Far_LoA	-9,05548597	-0,094	0,305
CHR7	9706390	CHR7:9706390	SSF x Far_LoA	-9,86610149	0,054	0,305
CHR7	9706426	CHR7:9706426	SSF x Far_LoA	-8,78694834	0,016	0,330
CHR7	9706478	CHR7:9706478	SSF x Far_LoA	-8,88293407	0,027	0,293
CHR7	9706491	CHR7:9706491	SSF x Far_LoA	-8,56431002	-0,007	0,309
CHR7	9707936	CHR7:9707936	SSF x Far_LoA	-9,05626589	-0,058	0,314
CHR7	971223	CHR7:971223	SSF x Far_LoA	-9,31999604	0,022	0,327
CHR7	971235	CHR7:971235	SSF x Far_LoA	-9,4282555	-0,018	0,319
CHR7	9715855	CHR7:9715855	SSF x Far_LoA	-10,9031167	0,013	0,306
CHR7	9715901	CHR7:9715901	SSF x Far_LoA	-10,5277849	0,017	0,300
CHR7	9715903	CHR7:9715903	SSF x Far_LoA	-11,1183424	0,009	0,301
CHR7	9716009	CHR7:9716009	SSF x Far_LoA	-11,0815856	-0,077	0,311
CHR7	9716022	CHR7:9716022	SSF x Far_LoA	-11,4943661	-0,073	0,306
CHR7	972648	CHR7:972648	SSF x Far_LoA	-2,01711453	-0,042	0,315
CHR7	974386	CHR7:974386	SSF x Far_LoA	-5,95150129	-0,073	0,312
CHR7	975502	CHR7:975502	SSF x Far_LoA	-10,4324105	-0,063	0,316
CHR7	975507	CHR7:975507	SSF x Far_LoA	-5,18137635	-0,026	0,313
CHR7	975514	CHR7:975514	SSF x Far_LoA	-8,92594392	-0,066	0,311
CHR7	975675	CHR7:975675	SSF x Far_LoA	-10,0563317	-0,059	0,301
CHR7	975678	CHR7:975678	SSF x Far_LoA	-8,84548662	0,101	0,316
CHR7	975696	CHR7:975696	SSF x Far_LoA	-10,0055962	0,036	0,304
CHR7	975715	CHR7:975715	SSF x Far_LoA	-9,296341	-0,025	0,299
CHR7	975720	CHR7:975720	SSF x Far_LoA	-9,01247445	-0,076	0,311
CHR7	9759368	CHR7:9759368	SSF x Far_LoA	-11,2393696	0,061	0,297

CHR7	9759561	CHR7:9759561	SSF x Far_LoA	-8,89371632	0,018	0,298
CHR7	9762507	CHR7:9762507	SSF x Far_LoA	-9,38375994	-0,016	0,304
CHR7	9762644	CHR7:9762644	SSF x Far_LoA	-8,47205409	-0,043	0,322
CHR7	9762645	CHR7:9762645	SSF x Far_LoA	-9,0444475	-0,074	0,305
CHR7	9762669	CHR7:9762669	SSF x Far_LoA	-7,56263861	-0,097	0,310
CHR7	9762673	CHR7:9762673	SSF x Far_LoA	-8,22478473	-0,124	0,317
CHR7	9762696	CHR7:9762696	SSF x Far_LoA	-11,0917939	-0,145	0,297
CHR7	9762739	CHR7:9762739	SSF x Far_LoA	-9,00570906	-0,096	0,320
CHR7	9776337	CHR7:9776337	SSF x Far_LoA	-7,39161096	-0,002	0,310
CHR7	9776526	CHR7:9776526	SSF x Far_LoA	-10,3094872	-0,018	0,319
CHR7	9796085	CHR7:9796085	SSF x Far_LoA	-6,21605163	0,112	0,287
CHR7	9824778	CHR7:9824778	SSF x Far_LoA	-11,4392909	0,019	0,304
CHR7	9824847	CHR7:9824847	SSF x Far_LoA	-7,99770799	0,134	0,315
CHR7	9826627	CHR7:9826627	SSF x Far_LoA	-10,0582109	-0,066	0,313
CHR7	9826690	CHR7:9826690	SSF x Far_LoA	-6,01911692	-0,089	0,305
CHR7	9826694	CHR7:9826694	SSF x Far_LoA	-5,99911589	-0,090	0,305
CHR7	9826739	CHR7:9826739	SSF x Far_LoA	-7,64989544	-0,110	0,301
CHR7	9826743	CHR7:9826743	SSF x Far_LoA	-3,60218363	-0,123	0,311
CHR7	983030	CHR7:983030	SSF x Far_LoA	-9,71380849	-0,045	0,309
CHR7	9840385	CHR7:9840385	SSF x Far_LoA	-9,48315814	0,023	0,300
CHR7	9840454	CHR7:9840454	SSF x Far_LoA	-10,336315	0,123	0,299
CHR7	9840455	CHR7:9840455	SSF x Far_LoA	-8,88930154	0,128	0,309
CHR7	984114	CHR7:984114	SSF x Far_LoA	-8,72676367	0,065	0,319
CHR7	984171	CHR7:984171	SSF x Far_LoA	-8,95565531	-0,048	0,309
CHR7	984178	CHR7:984178	SSF x Far_LoA	-10,8018897	-0,010	0,298
CHR7	984183	CHR7:984183	SSF x Far_LoA	-8,51938104	-0,007	0,307
CHR7	9844804	CHR7:9844804	SSF x Far_LoA	-10,7836233	-0,009	0,283
CHR7	9854665	CHR7:9854665	SSF x Far_LoA	-8,45496984	-0,081	0,318
CHR7	9854670	CHR7:9854670	SSF x Far_LoA	-8,64724471	-0,007	0,308
CHR7	9854707	CHR7:9854707	SSF x Far_LoA	-6,00093153	0,051	0,313
CHR7	9854747	CHR7:9854747	SSF x Far_LoA	-9,2517659	0,025	0,309
CHR7	9869461	CHR7:9869461	SSF x Far_LoA	-6,41587608	0,134	0,301
CHR7	9869470	CHR7:9869470	SSF x Far_LoA	-10,6385397	0,075	0,313
CHR7	9869490	CHR7:9869490	SSF x Far_LoA	-7,94601774	0,088	0,302
CHR7	9869497	CHR7:9869497	SSF x Far_LoA	-10,961405	0,094	0,293
CHR7	9869512	CHR7:9869512	SSF x Far_LoA	-10,070047	-0,057	0,298
CHR7	9869538	CHR7:9869538	SSF x Far_LoA	-11,9082999	-0,040	0,300
CHR7	9869561	CHR7:9869561	SSF x Far_LoA	-9,50962936	-0,072	0,304
CHR7	9869756	CHR7:9869756	SSF x Far_LoA	-11,3490677	0,067	0,302
CHR7	9876450	CHR7:9876450	SSF x Far_LoA	-8,36977974	0,063	0,303
CHR7	9876602	CHR7:9876602	SSF x Far_LoA	-8,93537811	0,068	0,311
CHR7	9884979	CHR7:9884979	SSF x Far_LoA	-6,38368757	0,010	0,304
CHR7	9884980	CHR7:9884980	SSF x Far_LoA	-10,4988854	0,017	0,314
CHR7	9884981	CHR7:9884981	SSF x Far_LoA	-6,61565933	0,059	0,322
CHR7	9885047	CHR7:9885047	SSF x Far_LoA	-10,6918772	0,077	0,312
CHR7	9885071	CHR7:9885071	SSF x Far_LoA	-11,1816769	0,057	0,303
CHR7	9885073	CHR7:9885073	SSF x Far_LoA	-8,13534793	-0,012	0,307
CHR7	9885463	CHR7:9885463	SSF x Far_LoA	-8,62663873	-0,021	0,312
CHR7	9885498	CHR7:9885498	SSF x Far_LoA	-8,89467117	0,036	0,309
CHR7	9885509	CHR7:9885509	SSF x Far_LoA	-10,5002137	0,046	0,299
CHR7	9885555	CHR7:9885555	SSF x Far_LoA	-9,76759123	0,010	0,300
CHR7	9899632	CHR7:9899632	SSF x Far_LoA	-9,08562287	0,108	0,306
CHR7	9899638	CHR7:9899638	SSF x Far_LoA	-11,0541154	0,091	0,296

CHR7	9899675	CHR7:9899675	SSF x Far_LoA	-10,4467922	0,012	0,305
CHR7	9899718	CHR7:9899718	SSF x Far_LoA	-8,26664408	0,053	0,312
CHR7	9899721	CHR7:9899721	SSF x Far_LoA	-10,9282067	-0,001	0,303
CHR7	9906702	CHR7:9906702	SSF x Far_LoA	-8,96320106	0,039	0,303
CHR7	9909327	CHR7:9909327	SSF x Far_LoA	-9,68051416	0,000	0,308
CHR7	9909561	CHR7:9909561	SSF x Far_LoA	-10,7874555	0,008	0,304
CHR7	9921062	CHR7:9921062	SSF x Far_LoA	-10,6313247	0,038	0,300
CHR7	9922177	CHR7:9922177	SSF x Far_LoA	-9,38781233	-0,116	0,304
CHR7	9922253	CHR7:9922253	SSF x Far_LoA	-7,69698172	0,022	0,301
CHR7	9924712	CHR7:9924712	SSF x Far_LoA	-8,54155906	0,097	0,300
CHR7	9924719	CHR7:9924719	SSF x Far_LoA	-7,93092769	0,142	0,300
CHR7	9926662	CHR7:9926662	SSF x Far_LoA	-7,34704435	0,107	0,315
CHR7	9926830	CHR7:9926830	SSF x Far_LoA	-10,7076603	0,036	0,314
CHR7	9926899	CHR7:9926899	SSF x Far_LoA	-9,9224946	-0,032	0,308
CHR7	9926919	CHR7:9926919	SSF x Far_LoA	-8,05610709	-0,029	0,310
CHR7	9932028	CHR7:9932028	SSF x Far_LoA	-10,5913138	0,016	0,301
CHR7	9932034	CHR7:9932034	SSF x Far_LoA	-10,9958742	-0,045	0,302
CHR7	9932113	CHR7:9932113	SSF x Far_LoA	-12,2325481	-0,006	0,305
CHR7	9932136	CHR7:9932136	SSF x Far_LoA	-8,86211454	-0,009	0,303
CHR7	9932287	CHR7:9932287	SSF x Far_LoA	-10,1691967	0,098	0,308
CHR7	9932323	CHR7:9932323	SSF x Far_LoA	-10,3701911	-0,010	0,294
CHR7	9932327	CHR7:9932327	SSF x Far_LoA	-9,26782083	-0,023	0,305
CHR7	9939073	CHR7:9939073	SSF x Far_LoA	-11,0890295	0,093	0,302
CHR7	9939088	CHR7:9939088	SSF x Far_LoA	-9,92430968	-0,147	0,300
CHR7	9939163	CHR7:9939163	SSF x Far_LoA	-6,68932472	-0,112	0,309
CHR7	9942410	CHR7:9942410	SSF x Far_LoA	-7,98748338	0,043	0,315
CHR7	9946891	CHR7:9946891	SSF x Far_LoA	-7,08086915	0,018	0,310
CHR7	9946910	CHR7:9946910	SSF x Far_LoA	-6,26817761	-0,058	0,313
CHR7	9947368	CHR7:9947368	SSF x Far_LoA	-7,85049205	0,011	0,302
CHR7	9947393	CHR7:9947393	SSF x Far_LoA	-8,99257373	0,101	0,311
CHR7	9961608	CHR7:9961608	SSF x Far_LoA	-10,7790192	-0,009	0,300
CHR7	9961618	CHR7:9961618	SSF x Far_LoA	-9,6935788	-0,026	0,319
CHR7	9961657	CHR7:9961657	SSF x Far_LoA	-9,68760978	0,131	0,307
CHR7	9968740	CHR7:9968740	SSF x Far_LoA	-9,82178285	-0,026	0,309
CHR7	9968788	CHR7:9968788	SSF x Far_LoA	-8,45931541	0,036	0,307
CHR7	9979017	CHR7:9979017	SSF x Far_LoA	-8,13937529	0,162	0,294
CHR7	9980270	CHR7:9980270	SSF x Far_LoA	-7,63682238	-0,149	0,307
CHR7	9980290	CHR7:9980290	SSF x Far_LoA	-7,88097358	0,045	0,301
CHR7	9980304	CHR7:9980304	SSF x Far_LoA	-6,36582676	-0,144	0,273
CHR7	9980343	CHR7:9980343	SSF x Far_LoA	-6,0007995	0,011	0,297
CHR7	9980475	CHR7:9980475	SSF x Far_LoA	-5,44647904	0,011	0,305
CHR7	9980567	CHR7:9980567	SSF x Far_LoA	-8,0391021	-0,140	0,300
CHR7	9980605	CHR7:9980605	SSF x Far_LoA	-7,26060201	0,070	0,285
CHR7	9983356	CHR7:9983356	SSF x Far_LoA	-9,54353432	0,050	0,326
CHR7	9983426	CHR7:9983426	SSF x Far_LoA	-8,8399054	-0,119	0,293
CHR7	9990397	CHR7:9990397	SSF x Far_LoA	-0,13288629	-0,184	0,318
CHR7	9990443	CHR7:9990443	SSF x Far_LoA	-9,1985029	-0,044	0,307
CHR7	9990484	CHR7:9990484	SSF x Far_LoA	-8,41767006	0,002	0,305
CHR7	9990504	CHR7:9990504	SSF x Far_LoA	-8,34666414	-0,051	0,297
CHR7	9990512	CHR7:9990512	SSF x Far_LoA	-9,21825817	-0,057	0,299
CHR7	9990516	CHR7:9990516	SSF x Far_LoA	-10,768821	-0,027	0,311
CHR7	9993346	CHR7:9993346	SSF x Far_LoA	-5,26378062	-0,064	0,309
CHR7	9993539	CHR7:9993539	SSF x Far_LoA	-8,6229403	0,137	0,296

CHR7	999860	CHR7:999860	SSF x Far_LoA	-2,66627419	0,129	0,307
CHR7	999894	CHR7:999894	SSF x Far_LoA	-8,13784855	0,100	0,304
CHR8	1E+07	CHR8:10003252	SSF x Far_LoA	-9,56618042	0,034	0,309
CHR8	1E+07	CHR8:10009202	SSF x Far_LoA	-10,7807956	0,046	0,307
CHR8	1E+07	CHR8:10009241	SSF x Far_LoA	-6,86246847	-0,098	0,319
CHR8	1E+07	CHR8:10009300	SSF x Far_LoA	-8,04217982	-0,084	0,312
CHR8	1E+07	CHR8:10038724	SSF x Far_LoA	-7,9564697	-0,052	0,303
CHR8	1E+07	CHR8:10038814	SSF x Far_LoA	-6,63427021	-0,171	0,297
CHR8	1E+07	CHR8:10041310	SSF x Far_LoA	-10,1891781	-0,078	0,315
CHR8	1E+07	CHR8:10041341	SSF x Far_LoA	-11,3984923	-0,044	0,303
CHR8	1E+07	CHR8:10041406	SSF x Far_LoA	-6,37903656	-0,039	0,310
CHR8	1E+07	CHR8:10041462	SSF x Far_LoA	-9,24033498	0,010	0,319
CHR8	1E+07	CHR8:10041469	SSF x Far_LoA	-8,82187312	-0,136	0,296
CHR8	1E+07	CHR8:10041476	SSF x Far_LoA	-7,33026322	0,050	0,305
CHR8	1004252	CHR8:1004252	SSF x Far_LoA	-8,5098228	0,083	0,300
CHR8	1004293	CHR8:1004293	SSF x Far_LoA	-10,3170593	0,037	0,307
CHR8	1E+07	CHR8:10058329	SSF x Far_LoA	-8,5450958	0,107	0,299
CHR8	1E+07	CHR8:10058375	SSF x Far_LoA	-7,58741758	-0,060	0,312
CHR8	1E+07	CHR8:10059547	SSF x Far_LoA	-10,571087	0,109	0,295
CHR8	1E+07	CHR8:10059642	SSF x Far_LoA	-8,81126071	-0,077	0,301
CHR8	1E+07	CHR8:10059649	SSF x Far_LoA	-11,3923874	0,070	0,307
CHR8	1E+07	CHR8:10068189	SSF x Far_LoA	-9,64414175	-0,019	0,324
CHR8	1E+07	CHR8:10068206	SSF x Far_LoA	-10,6928157	-0,037	0,305
CHR8	1E+07	CHR8:10068208	SSF x Far_LoA	-8,9723318	0,113	0,294
CHR8	1E+07	CHR8:10068210	SSF x Far_LoA	-8,52301992	0,110	0,304
CHR8	1E+07	CHR8:10068211	SSF x Far_LoA	-8,59624187	0,137	0,303
CHR8	1E+07	CHR8:10068225	SSF x Far_LoA	1,30361194	-0,029	0,308
CHR8	1E+07	CHR8:10068234	SSF x Far_LoA	-7,89262699	-0,014	0,322
CHR8	1E+07	CHR8:10072895	SSF x Far_LoA	-11,4581214	-0,083	0,306
CHR8	1E+07	CHR8:10072922	SSF x Far_LoA	-5,83783381	-0,136	0,308
CHR8	1E+07	CHR8:10072946	SSF x Far_LoA	-12,3213409	0,056	0,297
CHR8	1E+07	CHR8:10072993	SSF x Far_LoA	-6,05778382	-0,025	0,306
CHR8	1E+07	CHR8:10072994	SSF x Far_LoA	-9,20341883	-0,053	0,295
CHR8	1E+07	CHR8:10073016	SSF x Far_LoA	-8,74214918	-0,021	0,295
CHR8	1E+07	CHR8:10073017	SSF x Far_LoA	-2,66749364	-0,046	0,281
CHR8	1E+07	CHR8:10082125	SSF x Far_LoA	-7,5186776	0,067	0,327
CHR8	1E+07	CHR8:10082239	SSF x Far_LoA	-11,6101014	0,011	0,292
CHR8	1E+07	CHR8:10093488	SSF x Far_LoA	-10,102139	0,021	0,321
CHR8	1E+07	CHR8:10093515	SSF x Far_LoA	-9,06553186	0,063	0,311
CHR8	1E+07	CHR8:10093524	SSF x Far_LoA	-8,418516	0,026	0,319
CHR8	1E+07	CHR8:10093533	SSF x Far_LoA	-9,21350707	0,005	0,327
CHR8	1E+07	CHR8:10093566	SSF x Far_LoA	-10,0375063	0,084	0,315
CHR8	1E+07	CHR8:10093577	SSF x Far_LoA	-7,53292944	-0,146	0,312
CHR8	1E+07	CHR8:10093686	SSF x Far_LoA	-11,8491211	0,059	0,305
CHR8	1E+07	CHR8:10093727	SSF x Far_LoA	-9,52275716	0,020	0,309
CHR8	1E+07	CHR8:10117462	SSF x Far_LoA	-9,61055598	0,023	0,304
CHR8	1E+07	CHR8:10117559	SSF x Far_LoA	-4,03060447	-0,103	0,300
CHR8	1E+07	CHR8:10120033	SSF x Far_LoA	-11,4701099	0,015	0,311
CHR8	1E+07	CHR8:10120160	SSF x Far_LoA	-8,72333407	0,056	0,309
CHR8	1E+07	CHR8:10120179	SSF x Far_LoA	-8,44233597	0,069	0,310
CHR8	1E+07	CHR8:10132460	SSF x Far_LoA	-8,17634226	0,064	0,303
CHR8	1E+07	CHR8:10132664	SSF x Far_LoA	-10,6522438	0,154	0,294
CHR8	1E+07	CHR8:10142348	SSF x Far_LoA	-10,07211	0,003	0,315

CHR8	1E+07	CHR8:10145781	SSF x Far_LoA	-11,3798399	-0,060	0,302
CHR8	1E+07	CHR8:10150156	SSF x Far_LoA	-7,18609085	-0,025	0,306
CHR8	1E+07	CHR8:10153835	SSF x Far_LoA	6,52997451	-0,225	0,293
CHR8	1E+07	CHR8:10153921	SSF x Far_LoA	-8,94851987	0,042	0,300
CHR8	1E+07	CHR8:10153954	SSF x Far_LoA	-8,89016353	0,087	0,302
CHR8	1E+07	CHR8:10164100	SSF x Far_LoA	-9,54869921	-0,180	0,300
CHR8	1E+07	CHR8:10164199	SSF x Far_LoA	-10,8730463	-0,029	0,311
CHR8	1E+07	CHR8:10164256	SSF x Far_LoA	-9,92026698	0,144	0,305
CHR8	1016452	CHR8:1016452	SSF x Far_LoA	-9,55874502	-0,028	0,312
CHR8	1E+07	CHR8:10168439	SSF x Far_LoA	-11,7383426	0,005	0,307
CHR8	1E+07	CHR8:10168476	SSF x Far_LoA	-8,1615493	-0,154	0,307
CHR8	1E+07	CHR8:10168495	SSF x Far_LoA	-10,9284782	0,022	0,318
CHR8	1E+07	CHR8:10168519	SSF x Far_LoA	-10,1278287	0,050	0,313
CHR8	1E+07	CHR8:10168521	SSF x Far_LoA	-7,76918762	-0,096	0,314
CHR8	1E+07	CHR8:10170251	SSF x Far_LoA	-10,7458429	-0,104	0,300
CHR8	1E+07	CHR8:10171508	SSF x Far_LoA	-7,34809153	0,072	0,309
CHR8	1E+07	CHR8:10171560	SSF x Far_LoA	-12,1817704	0,050	0,297
CHR8	1E+07	CHR8:10171594	SSF x Far_LoA	-9,18963381	0,064	0,302
CHR8	1E+07	CHR8:10172712	SSF x Far_LoA	-10,9084936	-0,034	0,312
CHR8	1018475	CHR8:1018475	SSF x Far_LoA	-8,98500659	0,013	0,309
CHR8	1018476	CHR8:1018476	SSF x Far_LoA	-9,07246834	0,016	0,318
CHR8	1E+07	CHR8:10191373	SSF x Far_LoA	-9,79764425	0,128	0,310
CHR8	1E+07	CHR8:10191413	SSF x Far_LoA	-10,9596267	0,000	0,295
CHR8	1E+07	CHR8:10191476	SSF x Far_LoA	-11,3231371	0,105	0,306
CHR8	1E+07	CHR8:10191477	SSF x Far_LoA	-8,58553772	0,056	0,310
CHR8	1E+07	CHR8:10191589	SSF x Far_LoA	-8,17265096	0,115	0,305
CHR8	1E+07	CHR8:10191635	SSF x Far_LoA	-6,18494643	-0,207	0,294
CHR8	1E+07	CHR8:10200985	SSF x Far_LoA	-10,3823175	0,115	0,289
CHR8	1E+07	CHR8:10201174	SSF x Far_LoA	-7,47275046	-0,097	0,314
CHR8	1E+07	CHR8:10201230	SSF x Far_LoA	-8,1114017	0,061	0,293
CHR8	1E+07	CHR8:10201238	SSF x Far_LoA	-7,71103464	-0,110	0,302
CHR8	1E+07	CHR8:10201262	SSF x Far_LoA	-9,20269036	0,050	0,304
CHR8	1E+07	CHR8:10201302	SSF x Far_LoA	-9,5358756	-0,108	0,303
CHR8	1021827	CHR8:1021827	SSF x Far_LoA	-9,77959743	0,011	0,298
CHR8	1E+07	CHR8:10231586	SSF x Far_LoA	-5,6886765	-0,002	0,320
CHR8	1E+07	CHR8:10231765	SSF x Far_LoA	-10,3984263	-0,086	0,289
CHR8	1E+07	CHR8:10231774	SSF x Far_LoA	-9,756668	0,069	0,301
CHR8	1E+07	CHR8:10231798	SSF x Far_LoA	-9,26779999	0,022	0,310
CHR8	1E+07	CHR8:10231820	SSF x Far_LoA	-7,50078689	0,064	0,312
CHR8	1E+07	CHR8:10244363	SSF x Far_LoA	-10,3377423	0,028	0,317
CHR8	1E+07	CHR8:10244429	SSF x Far_LoA	-9,79638244	-0,061	0,309
CHR8	1E+07	CHR8:10244437	SSF x Far_LoA	-11,417943	0,085	0,311
CHR8	1E+07	CHR8:10244484	SSF x Far_LoA	-10,0311733	-0,044	0,317
CHR8	1E+07	CHR8:10244498	SSF x Far_LoA	-8,14454836	-0,109	0,311
CHR8	1E+07	CHR8:10262234	SSF x Far_LoA	-10,9483947	-0,039	0,312
CHR8	1E+07	CHR8:10262479	SSF x Far_LoA	-11,0411897	0,045	0,303
CHR8	1E+07	CHR8:10265993	SSF x Far_LoA	-10,3401568	0,073	0,304
CHR8	1E+07	CHR8:10266269	SSF x Far_LoA	-12,152292	0,032	0,299
CHR8	1E+07	CHR8:10267269	SSF x Far_LoA	-10,2670239	-0,082	0,308
CHR8	1E+07	CHR8:10267287	SSF x Far_LoA	-9,38987303	-0,025	0,317
CHR8	1E+07	CHR8:10267310	SSF x Far_LoA	-10,6186903	-0,031	0,303
CHR8	1E+07	CHR8:10269070	SSF x Far_LoA	-8,25920702	-0,031	0,305
CHR8	1E+07	CHR8:10269111	SSF x Far_LoA	-9,61960828	-0,020	0,291

CHR8	1E+07	CHR8:10269134	SSF x Far_LoA	-9,54816208	-0,053	0,299
CHR8	1E+07	CHR8:10269135	SSF x Far_LoA	-6,54273308	-0,087	0,305
CHR8	1E+07	CHR8:10269159	SSF x Far_LoA	-9,05190251	-0,076	0,297
CHR8	1E+07	CHR8:10269165	SSF x Far_LoA	-8,91212641	0,040	0,307
CHR8	1E+07	CHR8:10269267	SSF x Far_LoA	-10,8900133	0,032	0,314
CHR8	1E+07	CHR8:10272361	SSF x Far_LoA	-10,3927643	-0,027	0,296
CHR8	1E+07	CHR8:10272370	SSF x Far_LoA	-8,4977292	-0,089	0,302
CHR8	1E+07	CHR8:10272402	SSF x Far_LoA	-9,85838578	-0,021	0,285
CHR8	1E+07	CHR8:10272411	SSF x Far_LoA	-8,66575966	-0,032	0,313
CHR8	1E+07	CHR8:10272478	SSF x Far_LoA	-9,81142217	-0,005	0,299
CHR8	1E+07	CHR8:10276175	SSF x Far_LoA	-0,33938983	0,151	0,306
CHR8	1E+07	CHR8:10276196	SSF x Far_LoA	-7,09056454	-0,058	0,289
CHR8	1E+07	CHR8:10276217	SSF x Far_LoA	-9,48275833	-0,034	0,311
CHR8	1E+07	CHR8:10276245	SSF x Far_LoA	-8,82300062	0,046	0,322
CHR8	1E+07	CHR8:10276251	SSF x Far_LoA	-7,77448247	-0,010	0,295
CHR8	1E+07	CHR8:10276262	SSF x Far_LoA	-9,47984055	-0,062	0,313
CHR8	1E+07	CHR8:10277120	SSF x Far_LoA	-10,7513554	0,003	0,302
CHR8	1E+07	CHR8:10277121	SSF x Far_LoA	-9,19684817	0,105	0,304
CHR8	1E+07	CHR8:10293364	SSF x Far_LoA	-5,03401866	0,099	0,308
CHR8	1E+07	CHR8:10293421	SSF x Far_LoA	-8,75669038	-0,120	0,292
CHR8	1E+07	CHR8:10295966	SSF x Far_LoA	-8,71727433	-0,027	0,307
CHR8	1E+07	CHR8:10301922	SSF x Far_LoA	-10,3054929	0,014	0,291
CHR8	1E+07	CHR8:10302020	SSF x Far_LoA	-4,37136731	-0,098	0,301
CHR8	1E+07	CHR8:10302119	SSF x Far_LoA	-10,3196224	-0,092	0,313
CHR8	1E+07	CHR8:10307123	SSF x Far_LoA	-10,1157703	-0,006	0,318
CHR8	1E+07	CHR8:10307135	SSF x Far_LoA	-6,1043021	0,083	0,322
CHR8	1E+07	CHR8:10318915	SSF x Far_LoA	-8,79167296	0,114	0,300
CHR8	1E+07	CHR8:10319894	SSF x Far_LoA	-9,57699311	0,059	0,306
CHR8	1E+07	CHR8:10323004	SSF x Far_LoA	-9,63580452	-0,004	0,311
CHR8	1E+07	CHR8:10323031	SSF x Far_LoA	-10,5491232	-0,072	0,296
CHR8	1E+07	CHR8:10323082	SSF x Far_LoA	-11,9633198	-0,059	0,295
CHR8	1E+07	CHR8:10323822	SSF x Far_LoA	-9,85915108	0,009	0,312
CHR8	1E+07	CHR8:10325925	SSF x Far_LoA	-9,67023201	-0,017	0,313
CHR8	1E+07	CHR8:10326002	SSF x Far_LoA	-10,1064704	-0,059	0,306
CHR8	1E+07	CHR8:10350078	SSF x Far_LoA	-7,964806	0,123	0,293
CHR8	1E+07	CHR8:10350160	SSF x Far_LoA	-9,09781474	0,069	0,313
CHR8	1E+07	CHR8:10350196	SSF x Far_LoA	-9,7808108	0,082	0,304
CHR8	1E+07	CHR8:10350217	SSF x Far_LoA	-9,55837682	-0,003	0,311
CHR8	1E+07	CHR8:10350224	SSF x Far_LoA	-8,33333006	-0,037	0,288
CHR8	1E+07	CHR8:10350226	SSF x Far_LoA	-7,02739936	-0,015	0,307
CHR8	1E+07	CHR8:10350290	SSF x Far_LoA	-8,40750709	-0,057	0,306
CHR8	1E+07	CHR8:10350340	SSF x Far_LoA	-4,94056212	0,035	0,303
CHR8	1E+07	CHR8:10350352	SSF x Far_LoA	-8,84072592	0,112	0,303
CHR8	1E+07	CHR8:10354533	SSF x Far_LoA	-8,60548111	0,009	0,313
CHR8	1E+07	CHR8:10354565	SSF x Far_LoA	-10,5333691	0,148	0,291
CHR8	1E+07	CHR8:10354595	SSF x Far_LoA	-9,47632975	0,019	0,305
CHR8	1E+07	CHR8:10354710	SSF x Far_LoA	-8,84494979	-0,104	0,311
CHR8	1E+07	CHR8:10356985	SSF x Far_LoA	-11,7923081	-0,025	0,310
CHR8	1E+07	CHR8:10357253	SSF x Far_LoA	-10,2153386	-0,002	0,315
CHR8	1E+07	CHR8:10361581	SSF x Far_LoA	-8,1219517	-0,121	0,315
CHR8	1E+07	CHR8:10361642	SSF x Far_LoA	-5,86138437	0,003	0,302
CHR8	1E+07	CHR8:10361643	SSF x Far_LoA	-8,75818261	-0,013	0,304
CHR8	1E+07	CHR8:10361649	SSF x Far_LoA	-9,34262085	-0,028	0,313

CHR8	1E+07	CHR8:10361684	SSF x Far_LoA	-10,9953072	-0,092	0,307
CHR8	1E+07	CHR8:10361685	SSF x Far_LoA	-7,39784106	-0,042	0,321
CHR8	1E+07	CHR8:10365782	SSF x Far_LoA	-9,29695943	0,003	0,309
CHR8	1E+07	CHR8:10365801	SSF x Far_LoA	-7,99296846	-0,056	0,312
CHR8	1E+07	CHR8:10368461	SSF x Far_LoA	-9,17389628	0,031	0,295
CHR8	1E+07	CHR8:10368473	SSF x Far_LoA	-7,3357286	0,057	0,318
CHR8	1E+07	CHR8:10368516	SSF x Far_LoA	-9,73909347	0,070	0,309
CHR8	1E+07	CHR8:10368558	SSF x Far_LoA	-11,8770698	-0,024	0,295
CHR8	1E+07	CHR8:10368707	SSF x Far_LoA	-9,22110314	0,022	0,299
CHR8	1037058	CHR8:1037058	SSF x Far_LoA	-11,4180364	-0,059	0,298
CHR8	1037068	CHR8:1037068	SSF x Far_LoA	-8,99675402	0,153	0,299
CHR8	1E+07	CHR8:10371658	SSF x Far_LoA	-12,1034279	-0,015	0,306
CHR8	1E+07	CHR8:10373617	SSF x Far_LoA	-8,10034754	0,069	0,303
CHR8	1E+07	CHR8:10373628	SSF x Far_LoA	-10,922532	0,099	0,296
CHR8	1E+07	CHR8:10373672	SSF x Far_LoA	-9,76976338	0,009	0,301
CHR8	1E+07	CHR8:10373677	SSF x Far_LoA	-10,8512252	-0,002	0,309
CHR8	1E+07	CHR8:10373685	SSF x Far_LoA	-9,91814603	0,032	0,306
CHR8	1E+07	CHR8:10373687	SSF x Far_LoA	-10,6283932	0,015	0,320
CHR8	1E+07	CHR8:10373695	SSF x Far_LoA	-10,8947021	-0,007	0,320
CHR8	1E+07	CHR8:10374855	SSF x Far_LoA	-8,20897147	-0,004	0,313
CHR8	1E+07	CHR8:10374875	SSF x Far_LoA	-11,071531	-0,024	0,301
CHR8	1E+07	CHR8:10374894	SSF x Far_LoA	-10,6640126	0,046	0,306
CHR8	1E+07	CHR8:10374895	SSF x Far_LoA	-9,6508473	0,052	0,307
CHR8	1E+07	CHR8:10379874	SSF x Far_LoA	-8,63268255	0,066	0,310
CHR8	1E+07	CHR8:10379901	SSF x Far_LoA	-8,68052563	0,013	0,306
CHR8	1E+07	CHR8:10379905	SSF x Far_LoA	-8,1031736	0,041	0,297
CHR8	1E+07	CHR8:10379906	SSF x Far_LoA	-8,19457407	0,108	0,297
CHR8	1E+07	CHR8:10389080	SSF x Far_LoA	-3,16848101	0,183	0,290
CHR8	1E+07	CHR8:10389088	SSF x Far_LoA	-9,52104972	0,007	0,309
CHR8	1E+07	CHR8:10389114	SSF x Far_LoA	-7,36228063	0,200	0,299
CHR8	1E+07	CHR8:10389133	SSF x Far_LoA	-7,49186139	-0,135	0,312
CHR8	1E+07	CHR8:10389152	SSF x Far_LoA	-9,56771356	-0,182	0,299
CHR8	1E+07	CHR8:10389172	SSF x Far_LoA	-9,42813174	-0,060	0,305
CHR8	1E+07	CHR8:10389195	SSF x Far_LoA	-12,1917777	-0,064	0,313
CHR8	1E+07	CHR8:10396461	SSF x Far_LoA	-10,0137	0,039	0,308
CHR8	1E+07	CHR8:10401915	SSF x Far_LoA	-7,74134926	-0,065	0,313
CHR8	1E+07	CHR8:10401965	SSF x Far_LoA	-11,3416894	-0,086	0,307
CHR8	1E+07	CHR8:10401983	SSF x Far_LoA	-8,56452112	-0,047	0,313
CHR8	1E+07	CHR8:10401984	SSF x Far_LoA	-9,02295733	-0,098	0,310
CHR8	1E+07	CHR8:10402024	SSF x Far_LoA	-9,20606167	0,176	0,297
CHR8	1040228	CHR8:1040228	SSF x Far_LoA	-7,06837236	0,127	0,298
CHR8	1040251	CHR8:1040251	SSF x Far_LoA	-8,22435685	-0,029	0,310
CHR8	1040314	CHR8:1040314	SSF x Far_LoA	-10,5026502	0,023	0,302
CHR8	1040531	CHR8:1040531	SSF x Far_LoA	-8,49208895	-0,137	0,303
CHR8	1E+07	CHR8:10405468	SSF x Far_LoA	-11,9225431	-0,032	0,311
CHR8	1E+07	CHR8:10405514	SSF x Far_LoA	-12,4278198	0,042	0,299
CHR8	1E+07	CHR8:10405518	SSF x Far_LoA	-10,8597252	-0,063	0,311
CHR8	1E+07	CHR8:10405623	SSF x Far_LoA	-6,65362475	-0,089	0,303
CHR8	1E+07	CHR8:10405634	SSF x Far_LoA	-6,95391417	-0,139	0,300
CHR8	1E+07	CHR8:10405719	SSF x Far_LoA	-7,59433701	-0,102	0,322
CHR8	1E+07	CHR8:10408335	SSF x Far_LoA	-12,2151482	-0,028	0,299
CHR8	1E+07	CHR8:10408415	SSF x Far_LoA	-10,961446	0,000	0,299
CHR8	1E+07	CHR8:10408442	SSF x Far_LoA	-6,08993711	0,160	0,310

CHR8	1E+07	CHR8:10411784	SSF x Far_LoA	-8,77122431	0,075	0,312
CHR8	1E+07	CHR8:10421299	SSF x Far_LoA	-9,9952236	0,083	0,305
CHR8	1E+07	CHR8:10421736	SSF x Far_LoA	-8,47886696	-0,036	0,312
CHR8	1E+07	CHR8:10433025	SSF x Far_LoA	-10,7656111	-0,071	0,308
CHR8	1E+07	CHR8:10433048	SSF x Far_LoA	-6,66418075	0,134	0,286
CHR8	1E+07	CHR8:10433069	SSF x Far_LoA	-11,0607664	-0,057	0,304
CHR8	1E+07	CHR8:10433082	SSF x Far_LoA	-8,20111411	-0,071	0,312
CHR8	1E+07	CHR8:10433111	SSF x Far_LoA	-10,4918878	-0,077	0,305
CHR8	1E+07	CHR8:10433114	SSF x Far_LoA	-8,05152871	-0,107	0,299
CHR8	1E+07	CHR8:10433120	SSF x Far_LoA	-12,2363253	-0,019	0,310
CHR8	1E+07	CHR8:10433150	SSF x Far_LoA	-8,84861691	-0,044	0,323
CHR8	1E+07	CHR8:10433160	SSF x Far_LoA	-7,81468065	-0,084	0,303
CHR8	1E+07	CHR8:10433163	SSF x Far_LoA	-7,41202039	-0,107	0,310
CHR8	1E+07	CHR8:10433198	SSF x Far_LoA	-9,34050354	-0,023	0,302
CHR8	1E+07	CHR8:10433213	SSF x Far_LoA	-10,2167952	-0,041	0,316
CHR8	1E+07	CHR8:10433219	SSF x Far_LoA	-9,39879422	-0,056	0,320
CHR8	1E+07	CHR8:10433238	SSF x Far_LoA	-8,39460066	-0,070	0,311
CHR8	1E+07	CHR8:10433241	SSF x Far_LoA	-10,7576695	-0,061	0,305
CHR8	1E+07	CHR8:10433247	SSF x Far_LoA	-8,85941904	-0,058	0,314
CHR8	1E+07	CHR8:10457949	SSF x Far_LoA	-10,0984587	0,054	0,314
CHR8	1E+07	CHR8:10457971	SSF x Far_LoA	1,32125986	-0,244	0,296
CHR8	1E+07	CHR8:10457982	SSF x Far_LoA	-10,1632458	-0,027	0,310
CHR8	1E+07	CHR8:10462450	SSF x Far_LoA	-8,18992644	0,056	0,310
CHR8	1E+07	CHR8:10462457	SSF x Far_LoA	-8,36453937	0,035	0,299
CHR8	1E+07	CHR8:10462482	SSF x Far_LoA	-5,89267399	0,085	0,301
CHR8	1E+07	CHR8:10468722	SSF x Far_LoA	-10,1047931	-0,004	0,302
CHR8	1E+07	CHR8:10468729	SSF x Far_LoA	-8,05899756	-0,027	0,314
CHR8	1E+07	CHR8:10468832	SSF x Far_LoA	-7,08266971	-0,009	0,313
CHR8	1E+07	CHR8:10468872	SSF x Far_LoA	-9,81634426	-0,043	0,303
CHR8	1E+07	CHR8:10468890	SSF x Far_LoA	-10,3017784	-0,035	0,296
CHR8	1E+07	CHR8:10468902	SSF x Far_LoA	-8,0141032	-0,032	0,303
CHR8	1E+07	CHR8:10480049	SSF x Far_LoA	-9,08505236	0,000	0,315
CHR8	1E+07	CHR8:10480200	SSF x Far_LoA	-9,70684113	0,002	0,288
CHR8	1E+07	CHR8:10483490	SSF x Far_LoA	-5,61849857	0,186	0,300
CHR8	1E+07	CHR8:10483494	SSF x Far_LoA	-6,24657669	0,217	0,298
CHR8	1E+07	CHR8:10483501	SSF x Far_LoA	-10,2278713	-0,020	0,308
CHR8	1E+07	CHR8:10483518	SSF x Far_LoA	-5,96971196	0,178	0,304
CHR8	1E+07	CHR8:10483529	SSF x Far_LoA	-9,05256658	0,139	0,296
CHR8	1E+07	CHR8:10483531	SSF x Far_LoA	-8,5159567	0,133	0,295
CHR8	1E+07	CHR8:10483534	SSF x Far_LoA	-7,81722112	0,120	0,312
CHR8	1E+07	CHR8:10483545	SSF x Far_LoA	-11,7957033	-0,023	0,315
CHR8	1E+07	CHR8:10483546	SSF x Far_LoA	-7,86764428	-0,052	0,301
CHR8	1E+07	CHR8:10483548	SSF x Far_LoA	-8,46357863	-0,023	0,297
CHR8	1E+07	CHR8:10483572	SSF x Far_LoA	-10,4818941	0,002	0,303
CHR8	1E+07	CHR8:10483586	SSF x Far_LoA	-9,23163632	0,073	0,300
CHR8	1E+07	CHR8:10483588	SSF x Far_LoA	-8,74067548	0,093	0,315
CHR8	1E+07	CHR8:10483643	SSF x Far_LoA	-11,0576325	0,037	0,309
CHR8	1E+07	CHR8:10483662	SSF x Far_LoA	-9,9417531	-0,028	0,297
CHR8	1E+07	CHR8:10483678	SSF x Far_LoA	-10,1384109	-0,093	0,312
CHR8	1048665	CHR8:1048665	SSF x Far_LoA	-6,54346679	0,159	0,305
CHR8	1048756	CHR8:1048756	SSF x Far_LoA	-12,6022902	0,057	0,289
CHR8	1048809	CHR8:1048809	SSF x Far_LoA	-8,6315493	0,087	0,303
CHR8	1048840	CHR8:1048840	SSF x Far_LoA	-9,11584144	-0,017	0,305

CHR8	1048865	CHR8:1048865	SSF x Far_LoA	-9,51807936	0,001	0,324
CHR8	10502902	CHR8:10502902	SSF x Far_LoA	-1,79123538	0,003	0,302
CHR8	10502922	CHR8:10502922	SSF x Far_LoA	-10,6548775	0,113	0,303
CHR8	10502973	CHR8:10502973	SSF x Far_LoA	-8,95989872	-0,147	0,298
CHR8	10502976	CHR8:10502976	SSF x Far_LoA	-4,18624186	-0,159	0,323
CHR8	10503085	CHR8:10503085	SSF x Far_LoA	-3,41942268	-0,112	0,320
CHR8	10503098	CHR8:10503098	SSF x Far_LoA	-11,0698712	-0,042	0,318
CHR8	10503120	CHR8:10503120	SSF x Far_LoA	-10,3605025	0,123	0,301
CHR8	10503164	CHR8:10503164	SSF x Far_LoA	-10,1081829	-0,056	0,316
CHR8	10503172	CHR8:10503172	SSF x Far_LoA	-11,1703535	0,073	0,304
CHR8	1051114	CHR8:1051114	SSF x Far_LoA	-8,73420839	-0,158	0,302
CHR8	1051157	CHR8:1051157	SSF x Far_LoA	-10,4711307	0,010	0,303
CHR8	10513103	CHR8:10513103	SSF x Far_LoA	-6,53311895	0,196	0,292
CHR8	1052027	CHR8:1052027	SSF x Far_LoA	-9,40206439	-0,177	0,305
CHR8	1052065	CHR8:1052065	SSF x Far_LoA	-8,67754501	0,056	0,307
CHR8	10524690	CHR8:10524690	SSF x Far_LoA	-11,2682069	0,033	0,315
CHR8	10524804	CHR8:10524804	SSF x Far_LoA	-9,38310546	0,006	0,310
CHR8	10524832	CHR8:10524832	SSF x Far_LoA	-7,67966122	-0,095	0,316
CHR8	10524845	CHR8:10524845	SSF x Far_LoA	-10,2101827	-0,024	0,315
CHR8	10524858	CHR8:10524858	SSF x Far_LoA	-11,2730046	-0,048	0,307
CHR8	10524866	CHR8:10524866	SSF x Far_LoA	-8,84492862	0,017	0,302
CHR8	10526859	CHR8:10526859	SSF x Far_LoA	-1,53596068	0,175	0,293
CHR8	10534798	CHR8:10534798	SSF x Far_LoA	-9,96931378	0,073	0,309
CHR8	10534909	CHR8:10534909	SSF x Far_LoA	-8,85556582	0,049	0,303
CHR8	10534913	CHR8:10534913	SSF x Far_LoA	-5,9489836	0,084	0,292
CHR8	10534916	CHR8:10534916	SSF x Far_LoA	-7,61950005	0,073	0,303
CHR8	10535384	CHR8:10535384	SSF x Far_LoA	-8,30900944	0,115	0,293
CHR8	10535406	CHR8:10535406	SSF x Far_LoA	-6,34471855	-0,164	0,310
CHR8	10535434	CHR8:10535434	SSF x Far_LoA	-7,43387039	0,126	0,307
CHR8	10535435	CHR8:10535435	SSF x Far_LoA	-8,16413738	0,113	0,306
CHR8	10535438	CHR8:10535438	SSF x Far_LoA	-6,10115247	0,119	0,295
CHR8	10535448	CHR8:10535448	SSF x Far_LoA	-9,64976442	0,090	0,312
CHR8	10535492	CHR8:10535492	SSF x Far_LoA	-8,54966641	0,146	0,309
CHR8	10540638	CHR8:10540638	SSF x Far_LoA	-5,99887038	0,018	0,320
CHR8	10540640	CHR8:10540640	SSF x Far_LoA	-9,58474185	0,015	0,309
CHR8	10540663	CHR8:10540663	SSF x Far_LoA	-9,08647589	0,026	0,300
CHR8	10540664	CHR8:10540664	SSF x Far_LoA	-5,01220707	0,025	0,295
CHR8	10540666	CHR8:10540666	SSF x Far_LoA	-8,28412869	0,003	0,303
CHR8	10540689	CHR8:10540689	SSF x Far_LoA	-4,45770214	0,025	0,306
CHR8	10540692	CHR8:10540692	SSF x Far_LoA	-8,76543367	-0,022	0,302
CHR8	10547173	CHR8:10547173	SSF x Far_LoA	-10,8355116	-0,075	0,298
CHR8	10550227	CHR8:10550227	SSF x Far_LoA	-8,01767242	0,114	0,309
CHR8	10550229	CHR8:10550229	SSF x Far_LoA	-6,53256561	-0,155	0,290
CHR8	10550259	CHR8:10550259	SSF x Far_LoA	-9,25889401	-0,033	0,314
CHR8	10550285	CHR8:10550285	SSF x Far_LoA	-9,40973329	0,013	0,308
CHR8	10550286	CHR8:10550286	SSF x Far_LoA	-9,55593781	-0,125	0,299
CHR8	10550287	CHR8:10550287	SSF x Far_LoA	-8,1428032	0,002	0,312
CHR8	10550288	CHR8:10550288	SSF x Far_LoA	-7,54072898	0,012	0,318
CHR8	10550317	CHR8:10550317	SSF x Far_LoA	-6,40840813	0,082	0,299
CHR8	10550340	CHR8:10550340	SSF x Far_LoA	-9,9664942	-0,027	0,301
CHR8	10550719	CHR8:10550719	SSF x Far_LoA	-10,4352923	-0,063	0,309
CHR8	10550791	CHR8:10550791	SSF x Far_LoA	-9,98907776	0,101	0,311
CHR8	10550802	CHR8:10550802	SSF x Far_LoA	-8,86745956	-0,090	0,306

CHR8	10550831	CHR8:10550831	SSF x Far_LoA	-10,3666112	-0,140	0,304
CHR8	10550832	CHR8:10550832	SSF x Far_LoA	-9,56593401	0,002	0,308
CHR8	10554914	CHR8:10554914	SSF x Far_LoA	-8,85297097	-0,039	0,304
CHR8	10554933	CHR8:10554933	SSF x Far_LoA	-9,37672325	-0,016	0,312
CHR8	10554976	CHR8:10554976	SSF x Far_LoA	-9,34007228	0,129	0,295
CHR8	10554991	CHR8:10554991	SSF x Far_LoA	-5,28659198	0,097	0,301
CHR8	10555024	CHR8:10555024	SSF x Far_LoA	-8,67217521	0,098	0,300
CHR8	10565897	CHR8:10565897	SSF x Far_LoA	-10,7680346	0,026	0,296
CHR8	1056688	CHR8:1056688	SSF x Far_LoA	-8,4098437	-0,083	0,313
CHR8	10568133	CHR8:10568133	SSF x Far_LoA	-8,21747482	0,099	0,311
CHR8	10585361	CHR8:10585361	SSF x Far_LoA	-8,31808792	-0,026	0,322
CHR8	10585376	CHR8:10585376	SSF x Far_LoA	-10,2311059	-0,030	0,301
CHR8	10585476	CHR8:10585476	SSF x Far_LoA	-8,01796324	0,022	0,316
CHR8	10585486	CHR8:10585486	SSF x Far_LoA	-6,97476477	0,012	0,308
CHR8	10585853	CHR8:10585853	SSF x Far_LoA	-7,67686334	0,129	0,308
CHR8	10585982	CHR8:10585982	SSF x Far_LoA	-10,1929898	0,123	0,303
CHR8	1059020	CHR8:1059020	SSF x Far_LoA	-9,94868358	-0,038	0,302
CHR8	1059037	CHR8:1059037	SSF x Far_LoA	-8,82338789	0,067	0,303
CHR8	1059159	CHR8:1059159	SSF x Far_LoA	-7,62176158	0,098	0,302
CHR8	10592039	CHR8:10592039	SSF x Far_LoA	-7,87593307	-0,170	0,307
CHR8	10592078	CHR8:10592078	SSF x Far_LoA	-10,9634985	-0,028	0,310
CHR8	10592095	CHR8:10592095	SSF x Far_LoA	-9,44013766	-0,010	0,298
CHR8	10592104	CHR8:10592104	SSF x Far_LoA	-8,76709254	-0,047	0,305
CHR8	10592123	CHR8:10592123	SSF x Far_LoA	3,82024322	-0,122	0,309
CHR8	10592124	CHR8:10592124	SSF x Far_LoA	-9,05285562	-0,068	0,299
CHR8	10601289	CHR8:10601289	SSF x Far_LoA	3,061415	0,135	0,298
CHR8	10601344	CHR8:10601344	SSF x Far_LoA	1,24210409	0,134	0,294
CHR8	10601362	CHR8:10601362	SSF x Far_LoA	-9,74676781	0,120	0,294
CHR8	10601387	CHR8:10601387	SSF x Far_LoA	-4,93551981	0,172	0,298
CHR8	10601396	CHR8:10601396	SSF x Far_LoA	-8,84517224	0,151	0,295
CHR8	10601398	CHR8:10601398	SSF x Far_LoA	-8,10529453	0,116	0,296
CHR8	10601399	CHR8:10601399	SSF x Far_LoA	-6,76251851	0,140	0,290
CHR8	10601400	CHR8:10601400	SSF x Far_LoA	-5,69182668	0,158	0,294
CHR8	10601417	CHR8:10601417	SSF x Far_LoA	-10,1758465	-0,013	0,304
CHR8	10601437	CHR8:10601437	SSF x Far_LoA	-6,98360097	0,160	0,296
CHR8	10601551	CHR8:10601551	SSF x Far_LoA	-8,92743352	0,128	0,305
CHR8	10601580	CHR8:10601580	SSF x Far_LoA	-6,41672543	0,191	0,311
CHR8	10601623	CHR8:10601623	SSF x Far_LoA	-8,9000161	0,050	0,329
CHR8	10601630	CHR8:10601630	SSF x Far_LoA	-11,5231041	-0,009	0,321
CHR8	10601642	CHR8:10601642	SSF x Far_LoA	-8,04699593	0,075	0,314
CHR8	10615191	CHR8:10615191	SSF x Far_LoA	-10,7125437	-0,106	0,310
CHR8	10615192	CHR8:10615192	SSF x Far_LoA	-8,9911746	0,000	0,312
CHR8	10615194	CHR8:10615194	SSF x Far_LoA	-8,31231676	-0,037	0,298
CHR8	10615577	CHR8:10615577	SSF x Far_LoA	-10,1278764	0,043	0,302
CHR8	10615673	CHR8:10615673	SSF x Far_LoA	-8,77983548	-0,052	0,313
CHR8	10615686	CHR8:10615686	SSF x Far_LoA	-9,58055736	0,044	0,300
CHR8	10615687	CHR8:10615687	SSF x Far_LoA	-12,2379038	0,061	0,296
CHR8	10631766	CHR8:10631766	SSF x Far_LoA	-3,6784846	0,012	0,294
CHR8	10631792	CHR8:10631792	SSF x Far_LoA	-2,53343985	-0,136	0,311
CHR8	10631819	CHR8:10631819	SSF x Far_LoA	-8,05898999	-0,094	0,307
CHR8	10631836	CHR8:10631836	SSF x Far_LoA	-8,27773868	-0,066	0,305
CHR8	10631879	CHR8:10631879	SSF x Far_LoA	-9,92060223	0,051	0,301
CHR8	10632377	CHR8:10632377	SSF x Far_LoA	-8,14155971	-0,184	0,290

CHR8	10639114	CHR8:10639114	SSF x Far_LoA	-9,30845196	0,127	0,304
CHR8	10644320	CHR8:10644320	SSF x Far_LoA	-10,8962006	-0,042	0,294
CHR8	10644365	CHR8:10644365	SSF x Far_LoA	-7,98131627	-0,062	0,316
CHR8	10644383	CHR8:10644383	SSF x Far_LoA	-8,34892009	-0,079	0,329
CHR8	10644391	CHR8:10644391	SSF x Far_LoA	-10,2688697	-0,056	0,301
CHR8	10644458	CHR8:10644458	SSF x Far_LoA	-8,02223077	-0,095	0,312
CHR8	10644478	CHR8:10644478	SSF x Far_LoA	-9,2300805	-0,013	0,309
CHR8	10644554	CHR8:10644554	SSF x Far_LoA	-8,10281851	-0,057	0,305
CHR8	10664093	CHR8:10664093	SSF x Far_LoA	-9,55899671	-0,052	0,306
CHR8	10664153	CHR8:10664153	SSF x Far_LoA	-8,94782672	0,035	0,288
CHR8	10664188	CHR8:10664188	SSF x Far_LoA	-9,22636396	0,074	0,307
CHR8	10664675	CHR8:10664675	SSF x Far_LoA	-9,54375354	0,033	0,301
CHR8	10664698	CHR8:10664698	SSF x Far_LoA	-7,57417178	0,026	0,298
CHR8	10664713	CHR8:10664713	SSF x Far_LoA	-10,220301	0,045	0,309
CHR8	1067160	CHR8:1067160	SSF x Far_LoA	-7,67796195	0,002	0,315
CHR8	1067197	CHR8:1067197	SSF x Far_LoA	-8,93183024	0,024	0,320
CHR8	10674022	CHR8:10674022	SSF x Far_LoA	-9,60744385	0,043	0,307
CHR8	10674183	CHR8:10674183	SSF x Far_LoA	-8,92776302	0,025	0,314
CHR8	10682028	CHR8:10682028	SSF x Far_LoA	-10,9201918	-0,037	0,297
CHR8	10682044	CHR8:10682044	SSF x Far_LoA	-2,27680798	0,009	0,299
CHR8	10682049	CHR8:10682049	SSF x Far_LoA	-11,7861804	-0,051	0,305
CHR8	10682368	CHR8:10682368	SSF x Far_LoA	-9,77754366	-0,047	0,311
CHR8	10682482	CHR8:10682482	SSF x Far_LoA	-7,2951101	-0,031	0,323
CHR8	10705995	CHR8:10705995	SSF x Far_LoA	-7,91084958	0,017	0,311
CHR8	10706091	CHR8:10706091	SSF x Far_LoA	-8,95560192	0,036	0,301
CHR8	10706141	CHR8:10706141	SSF x Far_LoA	-10,0994122	0,099	0,297
CHR8	10710535	CHR8:10710535	SSF x Far_LoA	-7,61827592	-0,101	0,322
CHR8	10710546	CHR8:10710546	SSF x Far_LoA	-10,4884506	0,103	0,290
CHR8	10720025	CHR8:10720025	SSF x Far_LoA	-6,79027582	0,071	0,302
CHR8	10720055	CHR8:10720055	SSF x Far_LoA	0,30871705	0,254	0,300
CHR8	10720074	CHR8:10720074	SSF x Far_LoA	-3,2119621	0,220	0,288
CHR8	10720192	CHR8:10720192	SSF x Far_LoA	-8,77671961	0,167	0,293
CHR8	10725480	CHR8:10725480	SSF x Far_LoA	-10,2558461	0,059	0,313
CHR8	10725512	CHR8:10725512	SSF x Far_LoA	-6,53813337	0,145	0,304
CHR8	10725542	CHR8:10725542	SSF x Far_LoA	-10,4820122	-0,099	0,304
CHR8	10725696	CHR8:10725696	SSF x Far_LoA	-11,8476804	0,001	0,295
CHR8	10725752	CHR8:10725752	SSF x Far_LoA	-7,62543484	-0,105	0,314
CHR8	10729565	CHR8:10729565	SSF x Far_LoA	-11,4362816	0,086	0,308
CHR8	10729584	CHR8:10729584	SSF x Far_LoA	-8,36271654	-0,034	0,309
CHR8	10729633	CHR8:10729633	SSF x Far_LoA	-4,18224292	-0,084	0,297
CHR8	10729634	CHR8:10729634	SSF x Far_LoA	-8,05617687	-0,046	0,304
CHR8	10729651	CHR8:10729651	SSF x Far_LoA	-8,97468183	-0,033	0,299
CHR8	10729652	CHR8:10729652	SSF x Far_LoA	-8,0718905	-0,098	0,310
CHR8	10729669	CHR8:10729669	SSF x Far_LoA	-11,012922	-0,111	0,296
CHR8	10729672	CHR8:10729672	SSF x Far_LoA	-4,925714	-0,049	0,313
CHR8	10729704	CHR8:10729704	SSF x Far_LoA	-8,07281557	-0,070	0,305
CHR8	10729736	CHR8:10729736	SSF x Far_LoA	-11,0549066	0,016	0,314
CHR8	10729744	CHR8:10729744	SSF x Far_LoA	-7,59442667	-0,045	0,307
CHR8	10729759	CHR8:10729759	SSF x Far_LoA	-11,6225431	0,024	0,299
CHR8	1073261	CHR8:1073261	SSF x Far_LoA	-8,34279278	0,026	0,298
CHR8	1073265	CHR8:1073265	SSF x Far_LoA	-9,44875548	-0,091	0,306
CHR8	1073269	CHR8:1073269	SSF x Far_LoA	-8,80443239	-0,021	0,303
CHR8	1073342	CHR8:1073342	SSF x Far_LoA	-11,7824517	-0,034	0,307

CHR8	10762637	CHR8:10762637	SSF x Far_LoA	-8,10144605	0,158	0,304
CHR8	10765511	CHR8:10765511	SSF x Far_LoA	-7,6821332	-0,083	0,297
CHR8	10773568	CHR8:10773568	SSF x Far_LoA	-11,419095	-0,080	0,311
CHR8	10783676	CHR8:10783676	SSF x Far_LoA	-9,68070566	-0,049	0,295
CHR8	10783764	CHR8:10783764	SSF x Far_LoA	-9,38712431	0,051	0,306
CHR8	10783872	CHR8:10783872	SSF x Far_LoA	-9,50722045	0,056	0,310
CHR8	10788989	CHR8:10788989	SSF x Far_LoA	-8,77419958	-0,006	0,305
CHR8	10814137	CHR8:10814137	SSF x Far_LoA	-9,64551141	-0,001	0,310
CHR8	10814180	CHR8:10814180	SSF x Far_LoA	-9,62509137	-0,055	0,311
CHR8	10814194	CHR8:10814194	SSF x Far_LoA	-7,3223695	0,013	0,324
CHR8	10814217	CHR8:10814217	SSF x Far_LoA	-8,84632665	-0,028	0,301
CHR8	10814269	CHR8:10814269	SSF x Far_LoA	-10,6744	-0,061	0,324
CHR8	10814336	CHR8:10814336	SSF x Far_LoA	-11,8088861	-0,046	0,304
CHR8	10820026	CHR8:10820026	SSF x Far_LoA	-11,5634792	0,075	0,296
CHR8	10830323	CHR8:10830323	SSF x Far_LoA	-10,0116391	0,037	0,306
CHR8	10830347	CHR8:10830347	SSF x Far_LoA	-5,9232585	-0,101	0,303
CHR8	10830362	CHR8:10830362	SSF x Far_LoA	-8,55237025	-0,036	0,313
CHR8	10830393	CHR8:10830393	SSF x Far_LoA	-10,9466902	-0,078	0,308
CHR8	10830404	CHR8:10830404	SSF x Far_LoA	-10,5096994	-0,017	0,319
CHR8	10830463	CHR8:10830463	SSF x Far_LoA	-11,3877974	0,045	0,305
CHR8	10830569	CHR8:10830569	SSF x Far_LoA	-5,46934064	0,174	0,295
CHR8	10842135	CHR8:10842135	SSF x Far_LoA	-11,5840322	0,047	0,298
CHR8	10842140	CHR8:10842140	SSF x Far_LoA	-7,72664113	-0,146	0,291
CHR8	10842162	CHR8:10842162	SSF x Far_LoA	-10,6997238	0,044	0,306
CHR8	10842169	CHR8:10842169	SSF x Far_LoA	-10,6299474	0,070	0,295
CHR8	10843465	CHR8:10843465	SSF x Far_LoA	-9,03709408	-0,076	0,309
CHR8	10843484	CHR8:10843484	SSF x Far_LoA	-9,20581329	-0,035	0,312
CHR8	10843562	CHR8:10843562	SSF x Far_LoA	-7,87221644	-0,023	0,310
CHR8	10843582	CHR8:10843582	SSF x Far_LoA	-10,6196875	0,030	0,304
CHR8	10847071	CHR8:10847071	SSF x Far_LoA	-7,7800781	-0,064	0,301
CHR8	10853321	CHR8:10853321	SSF x Far_LoA	-8,93254615	0,139	0,299
CHR8	10853328	CHR8:10853328	SSF x Far_LoA	-11,8224418	0,113	0,288
CHR8	10853392	CHR8:10853392	SSF x Far_LoA	-10,0649739	0,020	0,303
CHR8	10853396	CHR8:10853396	SSF x Far_LoA	-9,1375185	0,021	0,312
CHR8	10853415	CHR8:10853415	SSF x Far_LoA	-6,27472366	-0,105	0,304
CHR8	10857407	CHR8:10857407	SSF x Far_LoA	-9,08273622	0,002	0,310
CHR8	10857499	CHR8:10857499	SSF x Far_LoA	-11,9132285	0,041	0,305
CHR8	10864165	CHR8:10864165	SSF x Far_LoA	-9,92710865	0,010	0,306
CHR8	10864177	CHR8:10864177	SSF x Far_LoA	-8,96329342	0,115	0,315
CHR8	10864189	CHR8:10864189	SSF x Far_LoA	-7,02966524	-0,099	0,298
CHR8	10864204	CHR8:10864204	SSF x Far_LoA	-3,44022366	0,162	0,293
CHR8	10864270	CHR8:10864270	SSF x Far_LoA	-5,66568449	0,187	0,293
CHR8	10864279	CHR8:10864279	SSF x Far_LoA	-8,34297879	-0,080	0,313
CHR8	10864313	CHR8:10864313	SSF x Far_LoA	-7,34876202	-0,075	0,308
CHR8	10864356	CHR8:10864356	SSF x Far_LoA	-7,28988682	-0,101	0,309
CHR8	10869916	CHR8:10869916	SSF x Far_LoA	-10,1180924	0,056	0,321
CHR8	10869935	CHR8:10869935	SSF x Far_LoA	-9,40515929	0,060	0,312
CHR8	10869978	CHR8:10869978	SSF x Far_LoA	-7,35854099	-0,089	0,306
CHR8	1087332	CHR8:1087332	SSF x Far_LoA	-7,76844731	-0,128	0,291
CHR8	10875998	CHR8:10875998	SSF x Far_LoA	-6,29959019	-0,160	0,308
CHR8	10876052	CHR8:10876052	SSF x Far_LoA	-8,05509178	-0,160	0,293
CHR8	10876054	CHR8:10876054	SSF x Far_LoA	0,22871957	-0,189	0,295
CHR8	10876061	CHR8:10876061	SSF x Far_LoA	-2,60005456	-0,163	0,298

CHR8	10876115	CHR8:10876115	SSF x Far_LoA	-5,41150503	-0,180	0,303
CHR8	1088158	CHR8:1088158	SSF x Far_LoA	-9,55968574	-0,059	0,292
CHR8	10883884	CHR8:10883884	SSF x Far_LoA	-7,79682622	0,109	0,318
CHR8	10883966	CHR8:10883966	SSF x Far_LoA	-9,39850328	0,007	0,315
CHR8	10884032	CHR8:10884032	SSF x Far_LoA	-9,32535181	0,090	0,309
CHR8	10884119	CHR8:10884119	SSF x Far_LoA	-7,95351458	0,114	0,309
CHR8	10886728	CHR8:10886728	SSF x Far_LoA	-11,4164048	-0,073	0,312
CHR8	10886731	CHR8:10886731	SSF x Far_LoA	-9,74354892	-0,090	0,307
CHR8	10886732	CHR8:10886732	SSF x Far_LoA	-8,92584758	0,050	0,316
CHR8	10886763	CHR8:10886763	SSF x Far_LoA	-7,94177249	-0,110	0,302
CHR8	10886790	CHR8:10886790	SSF x Far_LoA	-6,14509849	-0,015	0,310
CHR8	10886859	CHR8:10886859	SSF x Far_LoA	0,47113728	-0,114	0,311
CHR8	10886865	CHR8:10886865	SSF x Far_LoA	-9,63646563	-0,022	0,309
CHR8	10886911	CHR8:10886911	SSF x Far_LoA	-8,54045423	-0,032	0,319
CHR8	10886940	CHR8:10886940	SSF x Far_LoA	-9,27202799	-0,032	0,300
CHR8	10888024	CHR8:10888024	SSF x Far_LoA	-9,89286472	0,110	0,288
CHR8	10891391	CHR8:10891391	SSF x Far_LoA	-9,50893108	-0,146	0,304
CHR8	10903049	CHR8:10903049	SSF x Far_LoA	-9,58665316	0,080	0,301
CHR8	10903085	CHR8:10903085	SSF x Far_LoA	-11,0924208	-0,005	0,310
CHR8	10903141	CHR8:10903141	SSF x Far_LoA	-7,60524492	0,218	0,294
CHR8	10906867	CHR8:10906867	SSF x Far_LoA	-10,7130831	-0,045	0,305
CHR8	10906876	CHR8:10906876	SSF x Far_LoA	-8,58841829	-0,052	0,303
CHR8	10906938	CHR8:10906938	SSF x Far_LoA	-9,50034334	-0,027	0,292
CHR8	10906960	CHR8:10906960	SSF x Far_LoA	-1,03468209	-0,003	0,311
CHR8	10908031	CHR8:10908031	SSF x Far_LoA	-9,40555401	0,023	0,315
CHR8	10908093	CHR8:10908093	SSF x Far_LoA	-8,77451699	-0,024	0,305
CHR8	10914566	CHR8:10914566	SSF x Far_LoA	-10,0665259	-0,064	0,307
CHR8	10914789	CHR8:10914789	SSF x Far_LoA	-9,5046556	0,015	0,310
CHR8	10914838	CHR8:10914838	SSF x Far_LoA	-10,0845507	-0,022	0,306
CHR8	10914843	CHR8:10914843	SSF x Far_LoA	-7,11143744	-0,033	0,299
CHR8	10914871	CHR8:10914871	SSF x Far_LoA	-8,63333523	-0,048	0,302
CHR8	10914875	CHR8:10914875	SSF x Far_LoA	-4,33179127	0,013	0,313
CHR8	10924231	CHR8:10924231	SSF x Far_LoA	-9,77659679	-0,027	0,309
CHR8	10924235	CHR8:10924235	SSF x Far_LoA	-8,3770667	0,004	0,306
CHR8	10924314	CHR8:10924314	SSF x Far_LoA	-6,5331318	0,057	0,295
CHR8	10924332	CHR8:10924332	SSF x Far_LoA	-8,99689659	0,042	0,297
CHR8	10928810	CHR8:10928810	SSF x Far_LoA	-10,3950471	-0,099	0,289
CHR8	10939520	CHR8:10939520	SSF x Far_LoA	-8,14719078	0,003	0,326
CHR8	10939539	CHR8:10939539	SSF x Far_LoA	-8,63708973	-0,099	0,320
CHR8	10939572	CHR8:10939572	SSF x Far_LoA	-7,2338442	0,012	0,319
CHR8	10955264	CHR8:10955264	SSF x Far_LoA	-9,1149249	0,145	0,293
CHR8	10955275	CHR8:10955275	SSF x Far_LoA	-7,94840822	0,073	0,305
CHR8	10955283	CHR8:10955283	SSF x Far_LoA	-9,11283692	-0,086	0,308
CHR8	10956508	CHR8:10956508	SSF x Far_LoA	-8,45459392	0,148	0,300
CHR8	10956632	CHR8:10956632	SSF x Far_LoA	-6,13750911	-0,038	0,307
CHR8	10956633	CHR8:10956633	SSF x Far_LoA	-9,26890607	-0,010	0,319
CHR8	10962320	CHR8:10962320	SSF x Far_LoA	-5,70493973	-0,069	0,310
CHR8	10962340	CHR8:10962340	SSF x Far_LoA	-9,88571481	-0,020	0,315
CHR8	10962544	CHR8:10962544	SSF x Far_LoA	-10,0640953	0,038	0,307
CHR8	10978592	CHR8:10978592	SSF x Far_LoA	-9,81759618	-0,115	0,293
CHR8	10989294	CHR8:10989294	SSF x Far_LoA	-11,6055355	0,069	0,293
CHR8	10989312	CHR8:10989312	SSF x Far_LoA	-9,6104209	-0,011	0,315
CHR8	10989321	CHR8:10989321	SSF x Far_LoA	-9,46101756	0,096	0,305

CHR8	10989344	CHR8:10989344	SSF x Far_LoA	-11,681478	0,066	0,303
CHR8	10989349	CHR8:10989349	SSF x Far_LoA	-6,05819359	0,047	0,315
CHR8	10989440	CHR8:10989440	SSF x Far_LoA	-8,94189579	-0,083	0,321
CHR8	10989502	CHR8:10989502	SSF x Far_LoA	-10,5505125	0,033	0,323
CHR8	11016828	CHR8:11016828	SSF x Far_LoA	-9,71048321	-0,105	0,308
CHR8	11016952	CHR8:11016952	SSF x Far_LoA	-9,98152144	-0,076	0,296
CHR8	11016971	CHR8:11016971	SSF x Far_LoA	-5,02785557	-0,012	0,305
CHR8	11016983	CHR8:11016983	SSF x Far_LoA	-9,81976309	-0,103	0,313
CHR8	11018288	CHR8:11018288	SSF x Far_LoA	-9,20085608	-0,078	0,305
CHR8	11018300	CHR8:11018300	SSF x Far_LoA	-7,94370903	-0,054	0,310
CHR8	11018365	CHR8:11018365	SSF x Far_LoA	-11,2230942	-0,038	0,314
CHR8	11018419	CHR8:11018419	SSF x Far_LoA	-9,18186821	0,041	0,297
CHR8	11018507	CHR8:11018507	SSF x Far_LoA	-10,3919114	0,042	0,307
CHR8	11021547	CHR8:11021547	SSF x Far_LoA	-9,71786623	-0,032	0,314
CHR8	11024731	CHR8:11024731	SSF x Far_LoA	-9,24030015	-0,005	0,321
CHR8	11024861	CHR8:11024861	SSF x Far_LoA	-7,68668583	0,030	0,303
CHR8	11030714	CHR8:11030714	SSF x Far_LoA	-11,3455044	-0,047	0,296
CHR8	11030716	CHR8:11030716	SSF x Far_LoA	-9,66742483	-0,116	0,304
CHR8	11030792	CHR8:11030792	SSF x Far_LoA	-9,38226619	-0,035	0,296
CHR8	11035769	CHR8:11035769	SSF x Far_LoA	-9,18532576	-0,049	0,313
CHR8	11046234	CHR8:11046234	SSF x Far_LoA	-10,7333868	0,036	0,316
CHR8	11046293	CHR8:11046293	SSF x Far_LoA	-11,1779744	-0,061	0,314
CHR8	11046318	CHR8:11046318	SSF x Far_LoA	-6,98348317	-0,141	0,307
CHR8	11046328	CHR8:11046328	SSF x Far_LoA	-4,69012179	0,158	0,307
CHR8	11063388	CHR8:11063388	SSF x Far_LoA	-8,4626078	0,111	0,306
CHR8	11063576	CHR8:11063576	SSF x Far_LoA	-9,76499265	0,033	0,300
CHR8	11066993	CHR8:11066993	SSF x Far_LoA	-8,22116572	-0,042	0,325
CHR8	11067035	CHR8:11067035	SSF x Far_LoA	-7,80460836	-0,046	0,310
CHR8	11067070	CHR8:11067070	SSF x Far_LoA	-8,52727529	-0,032	0,313
CHR8	11067074	CHR8:11067074	SSF x Far_LoA	-11,0386947	-0,059	0,305
CHR8	11067089	CHR8:11067089	SSF x Far_LoA	-6,57675678	0,046	0,311
CHR8	11067110	CHR8:11067110	SSF x Far_LoA	-8,91763815	-0,022	0,324
CHR8	11067119	CHR8:11067119	SSF x Far_LoA	-9,01233488	-0,023	0,311
CHR8	11069956	CHR8:11069956	SSF x Far_LoA	-9,65481383	-0,082	0,308
CHR8	11070065	CHR8:11070065	SSF x Far_LoA	-9,12021183	-0,029	0,307
CHR8	11070073	CHR8:11070073	SSF x Far_LoA	-7,96958604	-0,145	0,308
CHR8	110727	CHR8:110727	SSF x Far_LoA	-9,99097322	0,028	0,300
CHR8	1109357	CHR8:1109357	SSF x Far_LoA	-12,1306696	-0,010	0,308
CHR8	1109365	CHR8:1109365	SSF x Far_LoA	-4,61324782	-0,214	0,289
CHR8	1109662	CHR8:1109662	SSF x Far_LoA	-9,64056337	-0,016	0,307
CHR8	11098315	CHR8:11098315	SSF x Far_LoA	-10,2270668	-0,100	0,305
CHR8	11098330	CHR8:11098330	SSF x Far_LoA	-6,26187167	-0,094	0,311
CHR8	11098370	CHR8:11098370	SSF x Far_LoA	-10,3498842	-0,079	0,300
CHR8	11098390	CHR8:11098390	SSF x Far_LoA	-10,2100679	-0,098	0,314
CHR8	11098405	CHR8:11098405	SSF x Far_LoA	-7,87337953	-0,029	0,310
CHR8	11098421	CHR8:11098421	SSF x Far_LoA	-9,23407913	-0,078	0,319
CHR8	11098448	CHR8:11098448	SSF x Far_LoA	-7,21980201	0,089	0,307
CHR8	11098483	CHR8:11098483	SSF x Far_LoA	-7,85393745	0,076	0,289
CHR8	11098484	CHR8:11098484	SSF x Far_LoA	-7,6277006	-0,117	0,314
CHR8	11098517	CHR8:11098517	SSF x Far_LoA	-8,06762736	0,035	0,317
CHR8	11115555	CHR8:11115555	SSF x Far_LoA	-8,72497576	-0,132	0,321
CHR8	11115596	CHR8:11115596	SSF x Far_LoA	-5,63563835	0,132	0,311
CHR8	11115652	CHR8:11115652	SSF x Far_LoA	-9,84417049	-0,055	0,310

CHR8	11115714	CHR8:11115714	SSF x Far_LoA	-10,1385481	-0,049	0,305
CHR8	11115793	CHR8:11115793	SSF x Far_LoA	-10,0914408	-0,040	0,308
CHR8	11118284	CHR8:11118284	SSF x Far_LoA	-10,2215743	0,058	0,298
CHR8	11122892	CHR8:11122892	SSF x Far_LoA	-9,43908072	-0,110	0,305
CHR8	11122909	CHR8:11122909	SSF x Far_LoA	-10,614091	-0,146	0,299
CHR8	11123024	CHR8:11123024	SSF x Far_LoA	0,32651834	0,084	0,301
CHR8	11127442	CHR8:11127442	SSF x Far_LoA	-7,49271367	0,084	0,308
CHR8	11127467	CHR8:11127467	SSF x Far_LoA	-8,06240709	0,035	0,314
CHR8	11133050	CHR8:11133050	SSF x Far_LoA	-9,95709631	-0,008	0,318
CHR8	11133081	CHR8:11133081	SSF x Far_LoA	-7,60200858	-0,040	0,319
CHR8	11133087	CHR8:11133087	SSF x Far_LoA	-9,77871392	-0,026	0,311
CHR8	11133115	CHR8:11133115	SSF x Far_LoA	-10,3890027	-0,070	0,293
CHR8	11146625	CHR8:11146625	SSF x Far_LoA	-8,74116257	-0,056	0,321
CHR8	11146701	CHR8:11146701	SSF x Far_LoA	-9,20136535	0,009	0,320
CHR8	11146713	CHR8:11146713	SSF x Far_LoA	-10,6536697	-0,073	0,300
CHR8	11146768	CHR8:11146768	SSF x Far_LoA	-9,51722725	0,012	0,300
CHR8	11146806	CHR8:11146806	SSF x Far_LoA	1,7228997	0,113	0,306
CHR8	11146826	CHR8:11146826	SSF x Far_LoA	-10,7993668	0,085	0,329
CHR8	11148178	CHR8:11148178	SSF x Far_LoA	-10,3531987	-0,030	0,306
CHR8	11158179	CHR8:11158179	SSF x Far_LoA	-10,8351314	0,004	0,304
CHR8	11158320	CHR8:11158320	SSF x Far_LoA	-9,59092142	-0,005	0,303
CHR8	11165090	CHR8:11165090	SSF x Far_LoA	-9,86740967	0,017	0,327
CHR8	11165094	CHR8:11165094	SSF x Far_LoA	-9,8782112	0,020	0,313
CHR8	11165106	CHR8:11165106	SSF x Far_LoA	-9,87294375	-0,036	0,301
CHR8	11165109	CHR8:11165109	SSF x Far_LoA	-6,45371824	-0,036	0,309
CHR8	11165122	CHR8:11165122	SSF x Far_LoA	-9,32204045	-0,122	0,308
CHR8	11165149	CHR8:11165149	SSF x Far_LoA	-6,69307	-0,022	0,314
CHR8	11165197	CHR8:11165197	SSF x Far_LoA	-9,1043227	-0,017	0,314
CHR8	11165204	CHR8:11165204	SSF x Far_LoA	-7,36775854	-0,001	0,323
CHR8	11171304	CHR8:11171304	SSF x Far_LoA	-6,58194698	-0,130	0,308
CHR8	11171366	CHR8:11171366	SSF x Far_LoA	-10,9586915	0,040	0,307
CHR8	11171403	CHR8:11171403	SSF x Far_LoA	-9,54125025	-0,006	0,292
CHR8	1117832	CHR8:1117832	SSF x Far_LoA	-11,6879257	-0,028	0,293
CHR8	1117846	CHR8:1117846	SSF x Far_LoA	-10,0229346	-0,033	0,313
CHR8	1117875	CHR8:1117875	SSF x Far_LoA	-10,3289603	0,044	0,303
CHR8	1117902	CHR8:1117902	SSF x Far_LoA	-9,32057168	0,022	0,302
CHR8	1117904	CHR8:1117904	SSF x Far_LoA	-10,7131803	-0,041	0,291
CHR8	1119561	CHR8:1119561	SSF x Far_LoA	-11,3099068	-0,027	0,299
CHR8	1120482	CHR8:1120482	SSF x Far_LoA	-7,23905101	0,177	0,289
CHR8	1120532	CHR8:1120532	SSF x Far_LoA	-9,67780506	-0,018	0,293
CHR8	11217162	CHR8:11217162	SSF x Far_LoA	-9,42351025	0,071	0,308
CHR8	11217172	CHR8:11217172	SSF x Far_LoA	-2,61626592	0,057	0,292
CHR8	11217194	CHR8:11217194	SSF x Far_LoA	-9,41236704	0,004	0,303
CHR8	11217206	CHR8:11217206	SSF x Far_LoA	-8,01940493	0,015	0,305
CHR8	11217240	CHR8:11217240	SSF x Far_LoA	-8,71906197	0,005	0,310
CHR8	11217258	CHR8:11217258	SSF x Far_LoA	-7,44138081	0,004	0,309
CHR8	11217398	CHR8:11217398	SSF x Far_LoA	-8,83957229	-0,033	0,305
CHR8	11221780	CHR8:11221780	SSF x Far_LoA	-8,53878825	0,010	0,299
CHR8	11243783	CHR8:11243783	SSF x Far_LoA	-9,39192623	0,079	0,312
CHR8	11243912	CHR8:11243912	SSF x Far_LoA	-9,46364403	-0,070	0,298
CHR8	11243919	CHR8:11243919	SSF x Far_LoA	-8,60088422	0,024	0,314
CHR8	11243930	CHR8:11243930	SSF x Far_LoA	-7,38023657	-0,150	0,295
CHR8	11243935	CHR8:11243935	SSF x Far_LoA	-9,93452455	0,025	0,313

CHR8	11243937	CHR8:11243937	SSF x Far_LoA	-9,47060028	0,006	0,310
CHR8	11243940	CHR8:11243940	SSF x Far_LoA	-8,48253741	0,076	0,310
CHR8	11243968	CHR8:11243968	SSF x Far_LoA	-9,17832804	0,001	0,306
CHR8	11243984	CHR8:11243984	SSF x Far_LoA	-8,95049228	0,022	0,313
CHR8	11243985	CHR8:11243985	SSF x Far_LoA	-9,43496622	0,038	0,302
CHR8	11243998	CHR8:11243998	SSF x Far_LoA	-10,3928323	0,036	0,296
CHR8	11244002	CHR8:11244002	SSF x Far_LoA	-8,0217357	-0,056	0,311
CHR8	11244029	CHR8:11244029	SSF x Far_LoA	-9,68839726	0,055	0,307
CHR8	11244030	CHR8:11244030	SSF x Far_LoA	-9,88395164	-0,134	0,302
CHR8	11249197	CHR8:11249197	SSF x Far_LoA	-6,81948278	-0,084	0,311
CHR8	11249234	CHR8:11249234	SSF x Far_LoA	-8,76027457	-0,018	0,302
CHR8	1125716	CHR8:1125716	SSF x Far_LoA	-9,94264119	-0,001	0,304
CHR8	11258894	CHR8:11258894	SSF x Far_LoA	-11,8257215	-0,032	0,307
CHR8	11259069	CHR8:11259069	SSF x Far_LoA	-7,57368339	0,150	0,299
CHR8	11266993	CHR8:11266993	SSF x Far_LoA	-8,73087149	0,004	0,313
CHR8	11267064	CHR8:11267064	SSF x Far_LoA	-10,6519869	-0,053	0,305
CHR8	11267101	CHR8:11267101	SSF x Far_LoA	-10,7656773	-0,087	0,309
CHR8	11267103	CHR8:11267103	SSF x Far_LoA	-5,47081272	0,060	0,311
CHR8	11273397	CHR8:11273397	SSF x Far_LoA	-9,78639525	0,081	0,289
CHR8	11273422	CHR8:11273422	SSF x Far_LoA	-8,52557492	0,126	0,298
CHR8	11273445	CHR8:11273445	SSF x Far_LoA	-10,9512543	0,058	0,303
CHR8	11273524	CHR8:11273524	SSF x Far_LoA	-2,78366566	-0,209	0,283
CHR8	11273533	CHR8:11273533	SSF x Far_LoA	-7,37222993	-0,106	0,296
CHR8	11273536	CHR8:11273536	SSF x Far_LoA	-9,76153213	0,131	0,296
CHR8	11273594	CHR8:11273594	SSF x Far_LoA	2,18494666	0,180	0,296
CHR8	11273599	CHR8:11273599	SSF x Far_LoA	-7,24043999	-0,124	0,288
CHR8	11287477	CHR8:11287477	SSF x Far_LoA	-8,80864931	0,078	0,307
CHR8	11287799	CHR8:11287799	SSF x Far_LoA	-10,5496189	-0,004	0,315
CHR8	11293690	CHR8:11293690	SSF x Far_LoA	-8,35295788	0,093	0,308
CHR8	11293745	CHR8:11293745	SSF x Far_LoA	-9,85757903	-0,103	0,301
CHR8	11293804	CHR8:11293804	SSF x Far_LoA	-8,63798898	-0,101	0,311
CHR8	11297883	CHR8:11297883	SSF x Far_LoA	-11,0207566	0,079	0,296
CHR8	11297915	CHR8:11297915	SSF x Far_LoA	-6,72379639	0,162	0,296
CHR8	11299412	CHR8:11299412	SSF x Far_LoA	-7,2297191	-0,102	0,309
CHR8	11299436	CHR8:11299436	SSF x Far_LoA	-8,65971683	0,073	0,299
CHR8	11299460	CHR8:11299460	SSF x Far_LoA	-9,07471386	-0,083	0,297
CHR8	11299467	CHR8:11299467	SSF x Far_LoA	-9,43697469	0,051	0,313
CHR8	11307694	CHR8:11307694	SSF x Far_LoA	-9,47276399	-0,066	0,309
CHR8	11307739	CHR8:11307739	SSF x Far_LoA	-8,17888887	0,043	0,305
CHR8	11320443	CHR8:11320443	SSF x Far_LoA	-10,1156152	-0,044	0,308
CHR8	11320616	CHR8:11320616	SSF x Far_LoA	-5,93331003	0,129	0,314
CHR8	11320634	CHR8:11320634	SSF x Far_LoA	-8,99653664	-0,024	0,311
CHR8	11322257	CHR8:11322257	SSF x Far_LoA	-10,197865	-0,056	0,309
CHR8	11322275	CHR8:11322275	SSF x Far_LoA	-11,3467557	0,008	0,315
CHR8	11322276	CHR8:11322276	SSF x Far_LoA	-11,3558451	0,064	0,294
CHR8	11328144	CHR8:11328144	SSF x Far_LoA	-10,8908972	0,059	0,301
CHR8	11328153	CHR8:11328153	SSF x Far_LoA	-10,7105788	0,006	0,307
CHR8	11328208	CHR8:11328208	SSF x Far_LoA	-8,57282465	-0,049	0,311
CHR8	11328533	CHR8:11328533	SSF x Far_LoA	-6,1995891	-0,121	0,297
CHR8	1133027	CHR8:1133027	SSF x Far_LoA	0,06659803	-0,143	0,301
CHR8	11330496	CHR8:11330496	SSF x Far_LoA	-8,42489321	-0,023	0,317
CHR8	11330552	CHR8:11330552	SSF x Far_LoA	-4,20711504	0,068	0,299
CHR8	11330580	CHR8:11330580	SSF x Far_LoA	-7,47536666	0,036	0,313

CHR8	1133103	CHR8:1133103	SSF x Far_LoA	-5,08097334	-0,037	0,313
CHR8	11337253	CHR8:11337253	SSF x Far_LoA	-10,7598084	0,035	0,312
CHR8	11337436	CHR8:11337436	SSF x Far_LoA	-7,50538721	-0,026	0,314
CHR8	11337454	CHR8:11337454	SSF x Far_LoA	-10,4100999	0,061	0,293
CHR8	11337460	CHR8:11337460	SSF x Far_LoA	-9,21623878	-0,050	0,299
CHR8	11337505	CHR8:11337505	SSF x Far_LoA	-9,33285325	-0,040	0,319
CHR8	11349030	CHR8:11349030	SSF x Far_LoA	-5,43837175	-0,176	0,291
CHR8	11349090	CHR8:11349090	SSF x Far_LoA	-9,86102926	0,095	0,293
CHR8	11352821	CHR8:11352821	SSF x Far_LoA	-8,21358559	0,017	0,318
CHR8	11355060	CHR8:11355060	SSF x Far_LoA	-11,2448694	0,056	0,306
CHR8	11355240	CHR8:11355240	SSF x Far_LoA	-10,1528672	0,028	0,295
CHR8	11355276	CHR8:11355276	SSF x Far_LoA	-9,34271096	-0,043	0,308
CHR8	11355295	CHR8:11355295	SSF x Far_LoA	-10,2777546	0,141	0,301
CHR8	11355304	CHR8:11355304	SSF x Far_LoA	-7,25125401	-0,069	0,301
CHR8	11364523	CHR8:11364523	SSF x Far_LoA	-9,27106216	-0,114	0,290
CHR8	11364542	CHR8:11364542	SSF x Far_LoA	-11,2641121	-0,007	0,308
CHR8	11364554	CHR8:11364554	SSF x Far_LoA	-5,10404324	0,150	0,313
CHR8	11364574	CHR8:11364574	SSF x Far_LoA	-9,44308372	-0,070	0,315
CHR8	11367041	CHR8:11367041	SSF x Far_LoA	-9,00774861	0,048	0,307
CHR8	11367091	CHR8:11367091	SSF x Far_LoA	-9,91365376	0,022	0,313
CHR8	11367502	CHR8:11367502	SSF x Far_LoA	-10,2933391	0,058	0,298
CHR8	11367519	CHR8:11367519	SSF x Far_LoA	-8,13998778	0,053	0,314
CHR8	11367537	CHR8:11367537	SSF x Far_LoA	-10,7110163	0,069	0,290
CHR8	11367541	CHR8:11367541	SSF x Far_LoA	-8,94160326	0,061	0,300
CHR8	11367549	CHR8:11367549	SSF x Far_LoA	-8,70144884	0,093	0,315
CHR8	11374082	CHR8:11374082	SSF x Far_LoA	-7,93638555	-0,057	0,308
CHR8	11382673	CHR8:11382673	SSF x Far_LoA	-7,61666848	-0,056	0,323
CHR8	11388001	CHR8:11388001	SSF x Far_LoA	-10,5245201	-0,080	0,317
CHR8	11392088	CHR8:11392088	SSF x Far_LoA	-9,7650892	-0,121	0,305
CHR8	11392110	CHR8:11392110	SSF x Far_LoA	-8,66493522	-0,140	0,298
CHR8	11392196	CHR8:11392196	SSF x Far_LoA	-4,02515203	-0,149	0,307
CHR8	11410522	CHR8:11410522	SSF x Far_LoA	-4,53941013	-0,065	0,316
CHR8	1141899	CHR8:1141899	SSF x Far_LoA	-8,23768903	-0,175	0,308
CHR8	1142029	CHR8:1142029	SSF x Far_LoA	-8,20747264	-0,054	0,309
CHR8	1142032	CHR8:1142032	SSF x Far_LoA	-9,41720801	-0,104	0,302
CHR8	1142033	CHR8:1142033	SSF x Far_LoA	-9,84044479	-0,044	0,310
CHR8	1142121	CHR8:1142121	SSF x Far_LoA	-11,7419921	0,022	0,304
CHR8	11430682	CHR8:11430682	SSF x Far_LoA	-11,9497793	-0,023	0,306
CHR8	11430763	CHR8:11430763	SSF x Far_LoA	-11,1459974	0,017	0,312
CHR8	11435287	CHR8:11435287	SSF x Far_LoA	-8,60801232	-0,005	0,320
CHR8	11435304	CHR8:11435304	SSF x Far_LoA	-6,93392615	0,094	0,309
CHR8	11435379	CHR8:11435379	SSF x Far_LoA	-10,3715201	0,044	0,318
CHR8	11435400	CHR8:11435400	SSF x Far_LoA	-8,53154944	-0,066	0,296
CHR8	11435501	CHR8:11435501	SSF x Far_LoA	-9,24256911	0,030	0,310
CHR8	11435522	CHR8:11435522	SSF x Far_LoA	-8,11961732	0,059	0,312
CHR8	11435533	CHR8:11435533	SSF x Far_LoA	-8,8427392	0,040	0,313
CHR8	11435564	CHR8:11435564	SSF x Far_LoA	-8,67663012	0,060	0,312
CHR8	11435595	CHR8:11435595	SSF x Far_LoA	-12,2517108	-0,042	0,307
CHR8	11435597	CHR8:11435597	SSF x Far_LoA	-9,7389953	0,056	0,287
CHR8	11439744	CHR8:11439744	SSF x Far_LoA	-12,5336286	0,004	0,304
CHR8	11439893	CHR8:11439893	SSF x Far_LoA	-7,3779134	0,096	0,310
CHR8	11445061	CHR8:11445061	SSF x Far_LoA	-10,101322	0,044	0,313
CHR8	11445249	CHR8:11445249	SSF x Far_LoA	-9,90823658	-0,054	0,298

CHR8	11445268	CHR8:11445268	SSF x Far_LoA	-5,43107923	-0,066	0,317
CHR8	11445278	CHR8:11445278	SSF x Far_LoA	0,37832683	0,000	0,313
CHR8	11445288	CHR8:11445288	SSF x Far_LoA	-8,36415056	-0,049	0,304
CHR8	11452467	CHR8:11452467	SSF x Far_LoA	-10,0736778	-0,085	0,306
CHR8	11460326	CHR8:11460326	SSF x Far_LoA	-8,57886508	-0,034	0,315
CHR8	11460382	CHR8:11460382	SSF x Far_LoA	-10,560098	0,114	0,296
CHR8	11460580	CHR8:11460580	SSF x Far_LoA	-9,62910904	-0,020	0,310
CHR8	11471831	CHR8:11471831	SSF x Far_LoA	-8,34815099	0,029	0,314
CHR8	11471984	CHR8:11471984	SSF x Far_LoA	-9,79779264	0,078	0,314
CHR8	11472054	CHR8:11472054	SSF x Far_LoA	-10,5972271	0,024	0,316
CHR8	11476984	CHR8:11476984	SSF x Far_LoA	-11,0331862	-0,032	0,308
CHR8	11477003	CHR8:11477003	SSF x Far_LoA	-12,0162505	0,020	0,303
CHR8	11477017	CHR8:11477017	SSF x Far_LoA	-11,8577281	0,040	0,296
CHR8	11477030	CHR8:11477030	SSF x Far_LoA	-7,16453869	-0,209	0,303
CHR8	11477062	CHR8:11477062	SSF x Far_LoA	-11,755635	0,044	0,299
CHR8	11477103	CHR8:11477103	SSF x Far_LoA	-5,54525258	-0,197	0,298
CHR8	11477106	CHR8:11477106	SSF x Far_LoA	-3,71981262	0,049	0,298
CHR8	11477144	CHR8:11477144	SSF x Far_LoA	-8,30655447	0,130	0,301
CHR8	11479683	CHR8:11479683	SSF x Far_LoA	-9,55611492	0,004	0,304
CHR8	11479695	CHR8:11479695	SSF x Far_LoA	-8,19615509	-0,092	0,308
CHR8	11479728	CHR8:11479728	SSF x Far_LoA	-7,55006037	-0,170	0,294
CHR8	11479729	CHR8:11479729	SSF x Far_LoA	-7,50968039	-0,138	0,305
CHR8	11479737	CHR8:11479737	SSF x Far_LoA	-7,64598321	-0,150	0,301
CHR8	11479746	CHR8:11479746	SSF x Far_LoA	-5,93381767	-0,154	0,287
CHR8	11479780	CHR8:11479780	SSF x Far_LoA	-8,56635806	-0,049	0,304
CHR8	11479817	CHR8:11479817	SSF x Far_LoA	-7,05095774	-0,107	0,310
CHR8	11479887	CHR8:11479887	SSF x Far_LoA	-8,51873919	0,101	0,308
CHR8	11488300	CHR8:11488300	SSF x Far_LoA	-8,29399402	0,016	0,297
CHR8	11488303	CHR8:11488303	SSF x Far_LoA	-9,13437289	0,043	0,299
CHR8	11488343	CHR8:11488343	SSF x Far_LoA	-6,30578073	0,014	0,299
CHR8	11488355	CHR8:11488355	SSF x Far_LoA	-9,85710179	0,033	0,291
CHR8	11488364	CHR8:11488364	SSF x Far_LoA	-11,1020569	-0,011	0,295
CHR8	11488385	CHR8:11488385	SSF x Far_LoA	-9,12423421	-0,003	0,299
CHR8	11491786	CHR8:11491786	SSF x Far_LoA	-8,83025482	-0,080	0,307
CHR8	11494095	CHR8:11494095	SSF x Far_LoA	-9,11076272	-0,141	0,300
CHR8	11494169	CHR8:11494169	SSF x Far_LoA	-10,5148129	0,042	0,316
CHR8	11494189	CHR8:11494189	SSF x Far_LoA	-1,61355987	0,093	0,305
CHR8	11494204	CHR8:11494204	SSF x Far_LoA	-8,98383704	0,015	0,317
CHR8	11494254	CHR8:11494254	SSF x Far_LoA	-8,55599084	-0,169	0,295
CHR8	11494282	CHR8:11494282	SSF x Far_LoA	-9,10608536	-0,033	0,304
CHR8	11494286	CHR8:11494286	SSF x Far_LoA	-8,90820724	-0,061	0,318
CHR8	11494342	CHR8:11494342	SSF x Far_LoA	-7,75176115	-0,122	0,309
CHR8	11494348	CHR8:11494348	SSF x Far_LoA	-7,42755813	-0,052	0,313
CHR8	1150882	CHR8:1150882	SSF x Far_LoA	-6,56298324	-0,044	0,300
CHR8	1151067	CHR8:1151067	SSF x Far_LoA	-8,29809123	0,033	0,321
CHR8	11513316	CHR8:11513316	SSF x Far_LoA	-10,6906931	0,020	0,311
CHR8	11522750	CHR8:11522750	SSF x Far_LoA	-9,66352349	-0,018	0,300
CHR8	11527586	CHR8:11527586	SSF x Far_LoA	-7,54027337	0,080	0,305
CHR8	1153490	CHR8:1153490	SSF x Far_LoA	-11,7049147	-0,052	0,302
CHR8	11541983	CHR8:11541983	SSF x Far_LoA	-9,49319268	0,056	0,314
CHR8	11542000	CHR8:11542000	SSF x Far_LoA	-9,44015066	0,060	0,310
CHR8	11542200	CHR8:11542200	SSF x Far_LoA	-6,35132291	0,053	0,313
CHR8	11542218	CHR8:11542218	SSF x Far_LoA	-7,21962039	0,041	0,314

CHR8	11548261	CHR8:11548261	SSF x Far_LoA	-8,59389098	0,095	0,308
CHR8	11555737	CHR8:11555737	SSF x Far_LoA	-9,71829976	0,046	0,313
CHR8	11555771	CHR8:11555771	SSF x Far_LoA	-10,5236954	-0,080	0,309
CHR8	11555828	CHR8:11555828	SSF x Far_LoA	-7,71292205	0,041	0,303
CHR8	11564460	CHR8:11564460	SSF x Far_LoA	-8,46350162	0,048	0,299
CHR8	11564465	CHR8:11564465	SSF x Far_LoA	-8,04581239	0,056	0,312
CHR8	11564617	CHR8:11564617	SSF x Far_LoA	-8,3655847	0,048	0,310
CHR8	1157976	CHR8:1157976	SSF x Far_LoA	-8,72609543	0,049	0,310
CHR8	11580037	CHR8:11580037	SSF x Far_LoA	-9,06431164	-0,041	0,297
CHR8	1158066	CHR8:1158066	SSF x Far_LoA	-11,2914734	0,013	0,297
CHR8	11581535	CHR8:11581535	SSF x Far_LoA	-9,43145929	0,057	0,317
CHR8	11581538	CHR8:11581538	SSF x Far_LoA	-7,63695333	0,155	0,306
CHR8	11581560	CHR8:11581560	SSF x Far_LoA	-8,36270203	0,080	0,306
CHR8	11581608	CHR8:11581608	SSF x Far_LoA	-11,0245325	-0,030	0,301
CHR8	11581616	CHR8:11581616	SSF x Far_LoA	-10,9419149	-0,018	0,295
CHR8	11581638	CHR8:11581638	SSF x Far_LoA	-10,2146377	0,010	0,298
CHR8	11587509	CHR8:11587509	SSF x Far_LoA	-11,2158111	-0,083	0,305
CHR8	11587667	CHR8:11587667	SSF x Far_LoA	-11,4628655	0,018	0,298
CHR8	11587712	CHR8:11587712	SSF x Far_LoA	-11,4384612	0,025	0,302
CHR8	11595000	CHR8:11595000	SSF x Far_LoA	-9,6946101	-0,023	0,310
CHR8	11595001	CHR8:11595001	SSF x Far_LoA	-11,458266	-0,031	0,314
CHR8	11595025	CHR8:11595025	SSF x Far_LoA	-11,1933836	-0,043	0,305
CHR8	11595032	CHR8:11595032	SSF x Far_LoA	-11,7636478	0,045	0,304
CHR8	11595042	CHR8:11595042	SSF x Far_LoA	-7,72968467	-0,002	0,311
CHR8	11595053	CHR8:11595053	SSF x Far_LoA	-10,7253618	-0,045	0,319
CHR8	11595059	CHR8:11595059	SSF x Far_LoA	-7,02474411	-0,139	0,297
CHR8	11603038	CHR8:11603038	SSF x Far_LoA	-8,98582824	0,191	0,276
CHR8	11603059	CHR8:11603059	SSF x Far_LoA	-9,23590758	0,043	0,307
CHR8	1161574	CHR8:1161574	SSF x Far_LoA	-9,14764114	0,031	0,307
CHR8	1161606	CHR8:1161606	SSF x Far_LoA	-8,88467877	-0,025	0,299
CHR8	1161663	CHR8:1161663	SSF x Far_LoA	-10,3702226	0,122	0,306
CHR8	1161845	CHR8:1161845	SSF x Far_LoA	-11,9465263	0,040	0,309
CHR8	11634665	CHR8:11634665	SSF x Far_LoA	-10,0718269	0,116	0,302
CHR8	11642275	CHR8:11642275	SSF x Far_LoA	-8,57918612	0,027	0,306
CHR8	11644825	CHR8:11644825	SSF x Far_LoA	-9,59022104	-0,025	0,308
CHR8	11644837	CHR8:11644837	SSF x Far_LoA	-8,62609672	-0,061	0,298
CHR8	11646446	CHR8:11646446	SSF x Far_LoA	-10,7796385	-0,042	0,296
CHR8	11657204	CHR8:11657204	SSF x Far_LoA	-11,8546747	-0,023	0,304
CHR8	11660899	CHR8:11660899	SSF x Far_LoA	-10,2644601	-0,123	0,306
CHR8	11661908	CHR8:11661908	SSF x Far_LoA	-8,35087989	0,136	0,290
CHR8	11661997	CHR8:11661997	SSF x Far_LoA	-10,4335253	0,030	0,303
CHR8	1166961	CHR8:1166961	SSF x Far_LoA	-7,65092249	-0,196	0,283
CHR8	1167007	CHR8:1167007	SSF x Far_LoA	-5,62676193	0,044	0,320
CHR8	1167011	CHR8:1167011	SSF x Far_LoA	-9,61736161	0,054	0,311
CHR8	11691787	CHR8:11691787	SSF x Far_LoA	-9,43394418	0,059	0,316
CHR8	11691941	CHR8:11691941	SSF x Far_LoA	-8,68667146	-0,011	0,311
CHR8	11701982	CHR8:11701982	SSF x Far_LoA	-11,4487781	0,030	0,309
CHR8	11702012	CHR8:11702012	SSF x Far_LoA	-4,91851697	0,108	0,297
CHR8	11702039	CHR8:11702039	SSF x Far_LoA	-8,72649552	0,058	0,305
CHR8	11702068	CHR8:11702068	SSF x Far_LoA	-11,290067	0,119	0,289
CHR8	11702114	CHR8:11702114	SSF x Far_LoA	-9,25543172	-0,131	0,312
CHR8	11702166	CHR8:11702166	SSF x Far_LoA	-11,1268575	0,062	0,323
CHR8	11705632	CHR8:11705632	SSF x Far_LoA	-9,51353297	-0,073	0,302

CHR8	11705649	CHR8:11705649	SSF x Far_LoA	-10,3094184	-0,020	0,306
CHR8	11705655	CHR8:11705655	SSF x Far_LoA	-10,1956104	-0,046	0,312
CHR8	11705678	CHR8:11705678	SSF x Far_LoA	-9,9599892	-0,034	0,311
CHR8	11717415	CHR8:11717415	SSF x Far_LoA	-9,22286936	0,057	0,300
CHR8	11717422	CHR8:11717422	SSF x Far_LoA	-9,52010957	0,061	0,308
CHR8	11717443	CHR8:11717443	SSF x Far_LoA	-10,1658391	-0,025	0,307
CHR8	11717582	CHR8:11717582	SSF x Far_LoA	-9,41937451	-0,033	0,311
CHR8	11729790	CHR8:11729790	SSF x Far_LoA	-11,4414193	-0,045	0,298
CHR8	11729865	CHR8:11729865	SSF x Far_LoA	-8,40214346	-0,135	0,292
CHR8	11729877	CHR8:11729877	SSF x Far_LoA	-9,9644139	-0,069	0,302
CHR8	11729896	CHR8:11729896	SSF x Far_LoA	-11,6694464	-0,019	0,292
CHR8	11729903	CHR8:11729903	SSF x Far_LoA	-6,09719259	0,168	0,298
CHR8	11729943	CHR8:11729943	SSF x Far_LoA	-9,47690203	-0,060	0,300
CHR8	11731118	CHR8:11731118	SSF x Far_LoA	-7,51429996	0,172	0,303
CHR8	11734851	CHR8:11734851	SSF x Far_LoA	-7,64766757	0,089	0,298
CHR8	11734865	CHR8:11734865	SSF x Far_LoA	-8,76182984	0,104	0,291
CHR8	11734871	CHR8:11734871	SSF x Far_LoA	-8,25751979	-0,128	0,330
CHR8	11734991	CHR8:11734991	SSF x Far_LoA	-8,52910339	-0,047	0,310
CHR8	11753895	CHR8:11753895	SSF x Far_LoA	-7,27346116	-0,080	0,318
CHR8	11753905	CHR8:11753905	SSF x Far_LoA	-8,83460784	-0,043	0,308
CHR8	11753913	CHR8:11753913	SSF x Far_LoA	-9,34252808	-0,059	0,308
CHR8	11753936	CHR8:11753936	SSF x Far_LoA	-9,00968758	-0,075	0,312
CHR8	11753937	CHR8:11753937	SSF x Far_LoA	-9,6297545	-0,070	0,303
CHR8	1175636	CHR8:1175636	SSF x Far_LoA	-6,72349994	0,018	0,316
CHR8	1175658	CHR8:1175658	SSF x Far_LoA	-9,8122502	-0,067	0,303
CHR8	1175659	CHR8:1175659	SSF x Far_LoA	-9,12753138	-0,045	0,294
CHR8	11756742	CHR8:11756742	SSF x Far_LoA	-8,29834588	-0,063	0,322
CHR8	11756745	CHR8:11756745	SSF x Far_LoA	-8,66829229	-0,080	0,309
CHR8	11756761	CHR8:11756761	SSF x Far_LoA	-10,2084464	-0,080	0,301
CHR8	11756830	CHR8:11756830	SSF x Far_LoA	-7,73075207	-0,106	0,295
CHR8	1175695	CHR8:1175695	SSF x Far_LoA	-6,9839577	-0,156	0,297
CHR8	1175701	CHR8:1175701	SSF x Far_LoA	-9,076478	-0,106	0,311
CHR8	1175708	CHR8:1175708	SSF x Far_LoA	-10,3559202	-0,055	0,300
CHR8	1175717	CHR8:1175717	SSF x Far_LoA	-10,0295471	-0,047	0,306
CHR8	1175753	CHR8:1175753	SSF x Far_LoA	-9,81240705	-0,146	0,301
CHR8	1180256	CHR8:1180256	SSF x Far_LoA	-11,5643568	-0,044	0,299
CHR8	1180296	CHR8:1180296	SSF x Far_LoA	-8,00466452	0,064	0,312
CHR8	1180329	CHR8:1180329	SSF x Far_LoA	-9,06551524	-0,074	0,296
CHR8	1181120	CHR8:1181120	SSF x Far_LoA	-8,95628961	-0,008	0,307
CHR8	11834328	CHR8:11834328	SSF x Far_LoA	-11,4276366	-0,055	0,292
CHR8	11834386	CHR8:11834386	SSF x Far_LoA	-11,2935713	-0,003	0,302
CHR8	11835353	CHR8:11835353	SSF x Far_LoA	-9,09519596	-0,019	0,325
CHR8	11835581	CHR8:11835581	SSF x Far_LoA	-6,8337486	-0,109	0,308
CHR8	11835596	CHR8:11835596	SSF x Far_LoA	-9,07962509	-0,083	0,292
CHR8	1185257	CHR8:1185257	SSF x Far_LoA	-7,34683301	0,054	0,301
CHR8	1185302	CHR8:1185302	SSF x Far_LoA	-3,91976705	-0,021	0,299
CHR8	1185418	CHR8:1185418	SSF x Far_LoA	-10,2571035	-0,094	0,312
CHR8	1185453	CHR8:1185453	SSF x Far_LoA	-8,63154993	0,158	0,302
CHR8	11954809	CHR8:11954809	SSF x Far_LoA	-7,78620845	-0,149	0,278
CHR8	11960497	CHR8:11960497	SSF x Far_LoA	-8,02800976	-0,100	0,307
CHR8	11960623	CHR8:11960623	SSF x Far_LoA	-7,96402337	0,018	0,302
CHR8	11965183	CHR8:11965183	SSF x Far_LoA	-9,99604957	-0,022	0,301
CHR8	11965299	CHR8:11965299	SSF x Far_LoA	-9,51192737	-0,037	0,322

CHR8	11976837	CHR8:11976837	SSF x Far_LoA	-8,68558066	-0,122	0,312
CHR8	11976967	CHR8:11976967	SSF x Far_LoA	-10,2051751	-0,033	0,322
CHR8	11977018	CHR8:11977018	SSF x Far_LoA	-9,56686074	0,030	0,322
CHR8	11977051	CHR8:11977051	SSF x Far_LoA	-10,110863	-0,045	0,317
CHR8	11977082	CHR8:11977082	SSF x Far_LoA	-11,2133674	0,082	0,308
CHR8	11985128	CHR8:11985128	SSF x Far_LoA	-8,77213224	-0,099	0,296
CHR8	11986029	CHR8:11986029	SSF x Far_LoA	-11,0313879	-0,060	0,304
CHR8	11986074	CHR8:11986074	SSF x Far_LoA	-7,72204895	0,113	0,298
CHR8	11991806	CHR8:11991806	SSF x Far_LoA	-10,8122074	-0,060	0,305
CHR8	11995014	CHR8:11995014	SSF x Far_LoA	-9,65272152	0,007	0,298
CHR8	11995047	CHR8:11995047	SSF x Far_LoA	-9,24229179	-0,019	0,306
CHR8	11995142	CHR8:11995142	SSF x Far_LoA	-7,49663568	0,120	0,317
CHR8	11995193	CHR8:11995193	SSF x Far_LoA	-9,44295517	0,030	0,318
CHR8	11995199	CHR8:11995199	SSF x Far_LoA	-6,48905701	-0,063	0,308
CHR8	12013425	CHR8:12013425	SSF x Far_LoA	-9,44470392	-0,032	0,307
CHR8	12013427	CHR8:12013427	SSF x Far_LoA	-8,86673739	0,073	0,312
CHR8	12013439	CHR8:12013439	SSF x Far_LoA	-7,80587527	0,070	0,302
CHR8	12013444	CHR8:12013444	SSF x Far_LoA	-8,66630267	0,101	0,310
CHR8	12016142	CHR8:12016142	SSF x Far_LoA	-9,41661807	0,048	0,289
CHR8	12016169	CHR8:12016169	SSF x Far_LoA	-9,19680719	-0,086	0,303
CHR8	12017084	CHR8:12017084	SSF x Far_LoA	-10,607464	-0,007	0,295
CHR8	12017086	CHR8:12017086	SSF x Far_LoA	-10,1566243	-0,008	0,309
CHR8	12029121	CHR8:12029121	SSF x Far_LoA	-5,79983848	-0,063	0,306
CHR8	12033953	CHR8:12033953	SSF x Far_LoA	-7,52200851	0,014	0,307
CHR8	12034235	CHR8:12034235	SSF x Far_LoA	-6,04566778	0,014	0,316
CHR8	12054586	CHR8:12054586	SSF x Far_LoA	-8,57719576	-0,040	0,307
CHR8	12054708	CHR8:12054708	SSF x Far_LoA	-9,0268184	-0,071	0,297
CHR8	12054779	CHR8:12054779	SSF x Far_LoA	-7,55483821	-0,151	0,306
CHR8	12071636	CHR8:12071636	SSF x Far_LoA	-8,82771358	-0,122	0,296
CHR8	12083295	CHR8:12083295	SSF x Far_LoA	-10,9327317	0,072	0,294
CHR8	12083454	CHR8:12083454	SSF x Far_LoA	-8,46080759	-0,141	0,300
CHR8	12083499	CHR8:12083499	SSF x Far_LoA	-11,3604721	-0,071	0,301
CHR8	12083502	CHR8:12083502	SSF x Far_LoA	-11,3642873	-0,058	0,315
CHR8	120845	CHR8:120845	SSF x Far_LoA	-8,24017511	-0,144	0,296
CHR8	12085363	CHR8:12085363	SSF x Far_LoA	-10,5195143	-0,031	0,311
CHR8	12085440	CHR8:12085440	SSF x Far_LoA	-9,30565766	-0,003	0,311
CHR8	12085491	CHR8:12085491	SSF x Far_LoA	-9,75419373	0,059	0,312
CHR8	12085499	CHR8:12085499	SSF x Far_LoA	-9,49577106	0,038	0,313
CHR8	12103229	CHR8:12103229	SSF x Far_LoA	-6,90123624	0,106	0,305
CHR8	12105230	CHR8:12105230	SSF x Far_LoA	-10,2357168	0,051	0,315
CHR8	12105334	CHR8:12105334	SSF x Far_LoA	-11,7903087	0,067	0,294
CHR8	12105364	CHR8:12105364	SSF x Far_LoA	-10,0261742	-0,116	0,304
CHR8	12105402	CHR8:12105402	SSF x Far_LoA	-7,7100472	-0,161	0,309
CHR8	12113195	CHR8:12113195	SSF x Far_LoA	-11,0155743	0,003	0,299
CHR8	12129967	CHR8:12129967	SSF x Far_LoA	-9,92991245	-0,087	0,308
CHR8	12130212	CHR8:12130212	SSF x Far_LoA	-6,32087527	-0,088	0,310
CHR8	12132843	CHR8:12132843	SSF x Far_LoA	-7,88955006	-0,118	0,301
CHR8	12136522	CHR8:12136522	SSF x Far_LoA	-10,3981717	0,084	0,302
CHR8	12136631	CHR8:12136631	SSF x Far_LoA	-8,61771056	-0,077	0,311
CHR8	1214	CHR8:1214	SSF x Far_LoA	-9,58645302	-0,005	0,304
CHR8	12140421	CHR8:12140421	SSF x Far_LoA	-9,24642962	0,048	0,299
CHR8	12140453	CHR8:12140453	SSF x Far_LoA	-9,95324196	0,005	0,305
CHR8	12140517	CHR8:12140517	SSF x Far_LoA	-8,14031578	-0,114	0,306

CHR8	12140518	CHR8:12140518	SSF x Far_LoA	-3,94791422	-0,158	0,306
CHR8	12140535	CHR8:12140535	SSF x Far_LoA	-9,19018782	0,080	0,304
CHR8	12143827	CHR8:12143827	SSF x Far_LoA	-4,97784658	0,078	0,323
CHR8	12143831	CHR8:12143831	SSF x Far_LoA	-9,3667968	0,032	0,307
CHR8	12143875	CHR8:12143875	SSF x Far_LoA	-10,3220037	0,033	0,304
CHR8	12143886	CHR8:12143886	SSF x Far_LoA	-9,63149682	0,017	0,305
CHR8	12143893	CHR8:12143893	SSF x Far_LoA	-9,35664867	0,014	0,308
CHR8	12143896	CHR8:12143896	SSF x Far_LoA	-8,85175294	0,007	0,321
CHR8	12165147	CHR8:12165147	SSF x Far_LoA	-11,9236023	0,086	0,286
CHR8	12166007	CHR8:12166007	SSF x Far_LoA	-8,00777305	-0,107	0,309
CHR8	12166011	CHR8:12166011	SSF x Far_LoA	-11,3597727	-0,020	0,310
CHR8	12166087	CHR8:12166087	SSF x Far_LoA	-10,9030669	0,041	0,298
CHR8	12166148	CHR8:12166148	SSF x Far_LoA	-9,89679774	0,024	0,315
CHR8	12166157	CHR8:12166157	SSF x Far_LoA	-6,0044946	-0,143	0,299
CHR8	12166216	CHR8:12166216	SSF x Far_LoA	-11,9276018	-0,049	0,300
CHR8	12176232	CHR8:12176232	SSF x Far_LoA	-8,06499205	-0,039	0,302
CHR8	12176249	CHR8:12176249	SSF x Far_LoA	-6,28065556	-0,212	0,300
CHR8	12176283	CHR8:12176283	SSF x Far_LoA	-8,46217023	-0,082	0,301
CHR8	12176343	CHR8:12176343	SSF x Far_LoA	-9,18420082	0,041	0,296
CHR8	12176348	CHR8:12176348	SSF x Far_LoA	-9,7763258	0,005	0,316
CHR8	12176358	CHR8:12176358	SSF x Far_LoA	-11,0220605	0,008	0,308
CHR8	12176373	CHR8:12176373	SSF x Far_LoA	-6,03900676	-0,047	0,307
CHR8	12176395	CHR8:12176395	SSF x Far_LoA	-5,10482637	-0,128	0,313
CHR8	12185983	CHR8:12185983	SSF x Far_LoA	-9,11124666	0,007	0,318
CHR8	12186042	CHR8:12186042	SSF x Far_LoA	-7,44481438	-0,098	0,291
CHR8	12186045	CHR8:12186045	SSF x Far_LoA	-2,54447712	0,118	0,305
CHR8	12191131	CHR8:12191131	SSF x Far_LoA	-9,2610995	-0,167	0,304
CHR8	12191193	CHR8:12191193	SSF x Far_LoA	-11,9473945	0,008	0,302
CHR8	12191198	CHR8:12191198	SSF x Far_LoA	-9,23164799	0,048	0,310
CHR8	12191229	CHR8:12191229	SSF x Far_LoA	-12,0259656	0,015	0,313
CHR8	12212269	CHR8:12212269	SSF x Far_LoA	-10,2638792	0,054	0,312
CHR8	12224917	CHR8:12224917	SSF x Far_LoA	-8,58376132	0,012	0,311
CHR8	12225005	CHR8:12225005	SSF x Far_LoA	-8,60885267	0,019	0,307
CHR8	12246514	CHR8:12246514	SSF x Far_LoA	-11,5961618	0,032	0,302
CHR8	12246559	CHR8:12246559	SSF x Far_LoA	-10,2065908	0,030	0,310
CHR8	1227652	CHR8:1227652	SSF x Far_LoA	-5,20373831	0,207	0,283
CHR8	1227677	CHR8:1227677	SSF x Far_LoA	-7,0347634	0,194	0,285
CHR8	1227691	CHR8:1227691	SSF x Far_LoA	-8,46998957	-0,121	0,314
CHR8	1227709	CHR8:1227709	SSF x Far_LoA	-1,39074368	0,216	0,284
CHR8	1227762	CHR8:1227762	SSF x Far_LoA	-6,63628544	-0,134	0,306
CHR8	12315546	CHR8:12315546	SSF x Far_LoA	-3,62888919	0,215	0,276
CHR8	12323336	CHR8:12323336	SSF x Far_LoA	-6,96626242	-0,025	0,304
CHR8	12323371	CHR8:12323371	SSF x Far_LoA	-10,4421972	0,057	0,302
CHR8	1235904	CHR8:1235904	SSF x Far_LoA	-10,04458	0,171	0,286
CHR8	1236006	CHR8:1236006	SSF x Far_LoA	-10,0655856	-0,036	0,299
CHR8	12367174	CHR8:12367174	SSF x Far_LoA	-10,0357364	0,061	0,309
CHR8	12367181	CHR8:12367181	SSF x Far_LoA	-10,2180137	0,036	0,303
CHR8	12367193	CHR8:12367193	SSF x Far_LoA	-9,03113018	0,019	0,308
CHR8	12451887	CHR8:12451887	SSF x Far_LoA	-9,04792262	0,134	0,311
CHR8	12455319	CHR8:12455319	SSF x Far_LoA	-9,21311711	0,171	0,302
CHR8	1247597	CHR8:1247597	SSF x Far_LoA	-10,5708119	0,019	0,300
CHR8	1247601	CHR8:1247601	SSF x Far_LoA	-11,3915657	0,059	0,299
CHR8	1247627	CHR8:1247627	SSF x Far_LoA	-8,7829782	0,004	0,311

CHR8	1250956	CHR8:1250956	SSF x Far_LoA	-5,4914988	0,176	0,308
CHR8	1251164	CHR8:1251164	SSF x Far_LoA	-7,09406653	0,161	0,283
CHR8	12516292	CHR8:12516292	SSF x Far_LoA	-6,97880921	0,156	0,305
CHR8	1252914	CHR8:1252914	SSF x Far_LoA	-6,66124365	0,084	0,308
CHR8	1252954	CHR8:1252954	SSF x Far_LoA	-7,96898017	-0,094	0,301
CHR8	1252979	CHR8:1252979	SSF x Far_LoA	-8,74179564	0,013	0,303
CHR8	1253151	CHR8:1253151	SSF x Far_LoA	-9,21672549	-0,051	0,304
CHR8	1257379	CHR8:1257379	SSF x Far_LoA	-11,0056638	0,149	0,287
CHR8	12589136	CHR8:12589136	SSF x Far_LoA	-10,8173101	-0,024	0,307
CHR8	1266881	CHR8:1266881	SSF x Far_LoA	-6,8095873	-0,093	0,305
CHR8	1266884	CHR8:1266884	SSF x Far_LoA	-5,86899309	-0,143	0,306
CHR8	1266909	CHR8:1266909	SSF x Far_LoA	-11,8041603	-0,047	0,301
CHR8	12689852	CHR8:12689852	SSF x Far_LoA	-6,60078719	-0,003	0,309
CHR8	12689860	CHR8:12689860	SSF x Far_LoA	-7,6638199	0,004	0,325
CHR8	12689906	CHR8:12689906	SSF x Far_LoA	-9,24836507	0,011	0,308
CHR8	12699921	CHR8:12699921	SSF x Far_LoA	-11,8829651	-0,006	0,299
CHR8	12710290	CHR8:12710290	SSF x Far_LoA	-6,55706412	-0,020	0,311
CHR8	12710328	CHR8:12710328	SSF x Far_LoA	-5,99561332	-0,014	0,307
CHR8	12710332	CHR8:12710332	SSF x Far_LoA	-7,37483643	0,006	0,306
CHR8	12710366	CHR8:12710366	SSF x Far_LoA	-9,665741	0,002	0,308
CHR8	12710387	CHR8:12710387	SSF x Far_LoA	-6,69749822	0,008	0,329
CHR8	12710389	CHR8:12710389	SSF x Far_LoA	-8,11139541	0,011	0,318
CHR8	12710394	CHR8:12710394	SSF x Far_LoA	-8,88626037	-0,008	0,314
CHR8	12710400	CHR8:12710400	SSF x Far_LoA	-8,87538735	0,014	0,317
CHR8	12710523	CHR8:12710523	SSF x Far_LoA	-5,06267015	-0,021	0,325
CHR8	12710541	CHR8:12710541	SSF x Far_LoA	-9,12339303	0,003	0,300
CHR8	12710607	CHR8:12710607	SSF x Far_LoA	-8,61314426	-0,005	0,319
CHR8	12710651	CHR8:12710651	SSF x Far_LoA	-9,31718717	-0,006	0,318
CHR8	12710666	CHR8:12710666	SSF x Far_LoA	-8,31051007	-0,012	0,318
CHR8	12715178	CHR8:12715178	SSF x Far_LoA	-7,70016944	-0,050	0,315
CHR8	12715199	CHR8:12715199	SSF x Far_LoA	-7,67773147	-0,014	0,325
CHR8	12715257	CHR8:12715257	SSF x Far_LoA	-9,09467692	-0,004	0,319
CHR8	12715278	CHR8:12715278	SSF x Far_LoA	-8,61714698	-0,029	0,322
CHR8	12715288	CHR8:12715288	SSF x Far_LoA	-8,81106984	-0,011	0,330
CHR8	12715290	CHR8:12715290	SSF x Far_LoA	-8,60346961	-0,017	0,320
CHR8	12715326	CHR8:12715326	SSF x Far_LoA	-8,19142379	-0,001	0,312
CHR8	12718235	CHR8:12718235	SSF x Far_LoA	-10,1467136	0,165	0,312
CHR8	1274008	CHR8:1274008	SSF x Far_LoA	-5,88523044	-0,135	0,307
CHR8	1274017	CHR8:1274017	SSF x Far_LoA	-12,005301	0,011	0,300
CHR8	1274197	CHR8:1274197	SSF x Far_LoA	-7,34645527	-0,099	0,309
CHR8	12750113	CHR8:12750113	SSF x Far_LoA	-8,30790466	0,106	0,305
CHR8	1276028	CHR8:1276028	SSF x Far_LoA	-8,76754909	-0,098	0,304
CHR8	1276070	CHR8:1276070	SSF x Far_LoA	-12,370161	0,023	0,301
CHR8	12761433	CHR8:12761433	SSF x Far_LoA	-9,93666957	0,043	0,317
CHR8	1276144	CHR8:1276144	SSF x Far_LoA	-2,15995419	-0,151	0,307
CHR8	1276151	CHR8:1276151	SSF x Far_LoA	-8,0617287	-0,143	0,305
CHR8	1276176	CHR8:1276176	SSF x Far_LoA	-9,69132764	-0,096	0,304
CHR8	1276199	CHR8:1276199	SSF x Far_LoA	-7,00436041	0,149	0,306
CHR8	1276208	CHR8:1276208	SSF x Far_LoA	-11,334023	-0,009	0,316
CHR8	1276210	CHR8:1276210	SSF x Far_LoA	-6,51213995	-0,095	0,306
CHR8	1276236	CHR8:1276236	SSF x Far_LoA	-10,0002925	-0,043	0,312
CHR8	12762710	CHR8:12762710	SSF x Far_LoA	-11,7309547	-0,049	0,296
CHR8	12768227	CHR8:12768227	SSF x Far_LoA	-9,16858383	-0,080	0,313

CHR8	12784487	CHR8:12784487	SSF x Far_LoA	-8,0251435	0,013	0,319
CHR8	12784546	CHR8:12784546	SSF x Far_LoA	-8,38037351	0,006	0,299
CHR8	12784547	CHR8:12784547	SSF x Far_LoA	-9,41605667	0,014	0,314
CHR8	12784550	CHR8:12784550	SSF x Far_LoA	-8,9078433	0,012	0,317
CHR8	12784558	CHR8:12784558	SSF x Far_LoA	-8,47169418	0,023	0,322
CHR8	12784643	CHR8:12784643	SSF x Far_LoA	-8,00583197	0,152	0,300
CHR8	1279413	CHR8:1279413	SSF x Far_LoA	-9,85660087	0,048	0,312
CHR8	1279447	CHR8:1279447	SSF x Far_LoA	-8,33293959	0,090	0,300
CHR8	1279450	CHR8:1279450	SSF x Far_LoA	-10,6205224	0,028	0,298
CHR8	12813825	CHR8:12813825	SSF x Far_LoA	-10,0898047	0,141	0,302
CHR8	12872861	CHR8:12872861	SSF x Far_LoA	-8,29894562	0,001	0,318
CHR8	12872878	CHR8:12872878	SSF x Far_LoA	8,45796598	0,003	0,320
CHR8	12872892	CHR8:12872892	SSF x Far_LoA	-9,44562755	-0,013	0,312
CHR8	12872906	CHR8:12872906	SSF x Far_LoA	-8,61861708	-0,015	0,313
CHR8	12872919	CHR8:12872919	SSF x Far_LoA	-7,8895239	0,006	0,318
CHR8	12872925	CHR8:12872925	SSF x Far_LoA	-9,34681355	-0,034	0,314
CHR8	12872949	CHR8:12872949	SSF x Far_LoA	-8,16412751	-0,011	0,324
CHR8	12872961	CHR8:12872961	SSF x Far_LoA	-9,21976156	-0,024	0,314
CHR8	12872966	CHR8:12872966	SSF x Far_LoA	-9,14027291	0,023	0,319
CHR8	12872992	CHR8:12872992	SSF x Far_LoA	-8,40702512	-0,006	0,321
CHR8	12872993	CHR8:12872993	SSF x Far_LoA	-8,95269386	0,002	0,316
CHR8	12881424	CHR8:12881424	SSF x Far_LoA	-8,22512419	0,007	0,325
CHR8	12881478	CHR8:12881478	SSF x Far_LoA	-8,19071476	-0,019	0,323
CHR8	12889137	CHR8:12889137	SSF x Far_LoA	-11,1173743	-0,085	0,319
CHR8	1292393	CHR8:1292393	SSF x Far_LoA	-11,6701089	-0,043	0,313
CHR8	1292409	CHR8:1292409	SSF x Far_LoA	-9,59764626	-0,059	0,302
CHR8	1292436	CHR8:1292436	SSF x Far_LoA	-8,02953679	-0,103	0,310
CHR8	1301723	CHR8:1301723	SSF x Far_LoA	-9,00939323	-0,003	0,297
CHR8	1301757	CHR8:1301757	SSF x Far_LoA	-9,00025309	0,079	0,308
CHR8	1304207	CHR8:1304207	SSF x Far_LoA	-8,3284619	-0,036	0,325
CHR8	1304278	CHR8:1304278	SSF x Far_LoA	-10,0992162	-0,114	0,318
CHR8	1304404	CHR8:1304404	SSF x Far_LoA	-9,87736451	0,132	0,292
CHR8	1304446	CHR8:1304446	SSF x Far_LoA	-8,98865375	-0,055	0,314
CHR8	1307350	CHR8:1307350	SSF x Far_LoA	-9,70083517	0,027	0,315
CHR8	1307444	CHR8:1307444	SSF x Far_LoA	-7,35257444	0,098	0,308
CHR8	13098560	CHR8:13098560	SSF x Far_LoA	-2,99240595	0,146	0,306
CHR8	13098791	CHR8:13098791	SSF x Far_LoA	-10,0945971	0,067	0,317
CHR8	1316333	CHR8:1316333	SSF x Far_LoA	-10,8327912	-0,075	0,297
CHR8	1316386	CHR8:1316386	SSF x Far_LoA	-8,45928901	0,122	0,307
CHR8	1316448	CHR8:1316448	SSF x Far_LoA	-10,8327298	0,013	0,309
CHR8	1316495	CHR8:1316495	SSF x Far_LoA	-11,4537953	-0,052	0,302
CHR8	13249618	CHR8:13249618	SSF x Far_LoA	-11,2315557	-0,100	0,306
CHR8	13249619	CHR8:13249619	SSF x Far_LoA	-9,61650692	-0,072	0,307
CHR8	1325156	CHR8:1325156	SSF x Far_LoA	-6,10633228	0,177	0,302
CHR8	1325173	CHR8:1325173	SSF x Far_LoA	-6,2116384	0,204	0,292
CHR8	1325174	CHR8:1325174	SSF x Far_LoA	-11,2699275	0,045	0,312
CHR8	13296460	CHR8:13296460	SSF x Far_LoA	-6,45699969	-0,167	0,305
CHR8	1330201	CHR8:1330201	SSF x Far_LoA	-9,28203065	0,029	0,299
CHR8	1330218	CHR8:1330218	SSF x Far_LoA	-11,8506982	-0,057	0,308
CHR8	1330357	CHR8:1330357	SSF x Far_LoA	-11,2498556	-0,028	0,304
CHR8	1330372	CHR8:1330372	SSF x Far_LoA	-8,75306021	-0,084	0,304
CHR8	13313916	CHR8:13313916	SSF x Far_LoA	-7,87494921	-0,141	0,316
CHR8	13313938	CHR8:13313938	SSF x Far_LoA	-3,19718534	-0,094	0,301

CHR8	13313968	CHR8:13313968	SSF x Far_LoA	-8,73526544	-0,003	0,306
CHR8	13346490	CHR8:13346490	SSF x Far_LoA	-12,218913	0,016	0,308
CHR8	1336641	CHR8:1336641	SSF x Far_LoA	-10,3864041	0,041	0,311
CHR8	1343004	CHR8:1343004	SSF x Far_LoA	-8,89707445	-0,031	0,306
CHR8	1343060	CHR8:1343060	SSF x Far_LoA	-10,6501755	-0,017	0,325
CHR8	1343268	CHR8:1343268	SSF x Far_LoA	-7,87635017	0,171	0,293
CHR8	1343286	CHR8:1343286	SSF x Far_LoA	-8,15212616	0,085	0,305
CHR8	13452630	CHR8:13452630	SSF x Far_LoA	-9,52213583	-0,062	0,310
CHR8	13466582	CHR8:13466582	SSF x Far_LoA	-8,39344498	0,023	0,311
CHR8	13466615	CHR8:13466615	SSF x Far_LoA	-9,24711835	-0,028	0,308
CHR8	13466713	CHR8:13466713	SSF x Far_LoA	-8,59889738	-0,063	0,323
CHR8	13564438	CHR8:13564438	SSF x Far_LoA	-11,0706213	0,099	0,289
CHR8	13613358	CHR8:13613358	SSF x Far_LoA	-8,61231162	0,071	0,309
CHR8	13622178	CHR8:13622178	SSF x Far_LoA	-9,16841968	0,001	0,301
CHR8	13756298	CHR8:13756298	SSF x Far_LoA	-8,92797215	-0,029	0,319
CHR8	13768964	CHR8:13768964	SSF x Far_LoA	-7,40632683	0,129	0,299
CHR8	1380172	CHR8:1380172	SSF x Far_LoA	-10,0676278	-0,006	0,308
CHR8	1380202	CHR8:1380202	SSF x Far_LoA	-7,98836221	-0,120	0,312
CHR8	13806466	CHR8:13806466	SSF x Far_LoA	-6,89096523	-0,097	0,317
CHR8	13806482	CHR8:13806482	SSF x Far_LoA	-9,32453131	-0,128	0,329
CHR8	13820075	CHR8:13820075	SSF x Far_LoA	-11,4004605	0,015	0,300
CHR8	13820077	CHR8:13820077	SSF x Far_LoA	-10,7324491	0,012	0,313
CHR8	13820186	CHR8:13820186	SSF x Far_LoA	-10,2065826	0,008	0,309
CHR8	13820223	CHR8:13820223	SSF x Far_LoA	-10,4258121	-0,012	0,314
CHR8	13826172	CHR8:13826172	SSF x Far_LoA	-9,15799106	-0,045	0,308
CHR8	13826200	CHR8:13826200	SSF x Far_LoA	-8,59966918	0,084	0,297
CHR8	13826211	CHR8:13826211	SSF x Far_LoA	-6,48291527	-0,010	0,304
CHR8	13826226	CHR8:13826226	SSF x Far_LoA	-8,86771001	0,072	0,320
CHR8	13826265	CHR8:13826265	SSF x Far_LoA	-9,26106809	0,070	0,304
CHR8	13826268	CHR8:13826268	SSF x Far_LoA	-7,06488985	-0,088	0,313
CHR8	13826343	CHR8:13826343	SSF x Far_LoA	-7,6932046	0,066	0,312
CHR8	13826367	CHR8:13826367	SSF x Far_LoA	-8,49921679	0,086	0,318
CHR8	13826369	CHR8:13826369	SSF x Far_LoA	-7,9300892	0,095	0,310
CHR8	13826373	CHR8:13826373	SSF x Far_LoA	-8,89027671	-0,055	0,310
CHR8	13826374	CHR8:13826374	SSF x Far_LoA	-10,6316793	-0,017	0,324
CHR8	13826385	CHR8:13826385	SSF x Far_LoA	-5,49912406	0,076	0,312
CHR8	13826409	CHR8:13826409	SSF x Far_LoA	-7,06305073	0,088	0,313
CHR8	13826426	CHR8:13826426	SSF x Far_LoA	-7,50505617	0,091	0,307
CHR8	13826430	CHR8:13826430	SSF x Far_LoA	-8,927261	0,088	0,307
CHR8	13828143	CHR8:13828143	SSF x Far_LoA	-7,08925126	0,200	0,285
CHR8	13828257	CHR8:13828257	SSF x Far_LoA	-7,93072311	0,167	0,301
CHR8	13844068	CHR8:13844068	SSF x Far_LoA	-7,92937271	0,026	0,299
CHR8	1385399	CHR8:1385399	SSF x Far_LoA	-10,8299828	-0,016	0,305
CHR8	1385403	CHR8:1385403	SSF x Far_LoA	-11,372181	-0,037	0,310
CHR8	13858195	CHR8:13858195	SSF x Far_LoA	-8,6413527	0,005	0,319
CHR8	13890838	CHR8:13890838	SSF x Far_LoA	-11,0293197	-0,047	0,306
CHR8	13890839	CHR8:13890839	SSF x Far_LoA	-9,21680823	-0,098	0,318
CHR8	13900962	CHR8:13900962	SSF x Far_LoA	-10,3041273	0,090	0,303
CHR8	13905731	CHR8:13905731	SSF x Far_LoA	-8,44902066	-0,114	0,303
CHR8	13907372	CHR8:13907372	SSF x Far_LoA	-8,66809089	-0,094	0,302
CHR8	13907406	CHR8:13907406	SSF x Far_LoA	-3,16482334	0,118	0,304
CHR8	13909351	CHR8:13909351	SSF x Far_LoA	-11,5867967	-0,027	0,307
CHR8	13909381	CHR8:13909381	SSF x Far_LoA	-9,83236825	0,073	0,308

CHR8	13909382	CHR8:13909382	SSF x Far_LoA	-9,29906145	0,025	0,285
CHR8	13909386	CHR8:13909386	SSF x Far_LoA	-10,6664452	0,002	0,300
CHR8	13909391	CHR8:13909391	SSF x Far_LoA	-9,37817749	0,085	0,305
CHR8	13940735	CHR8:13940735	SSF x Far_LoA	-9,29812916	-0,005	0,317
CHR8	13940760	CHR8:13940760	SSF x Far_LoA	-8,39069952	0,000	0,305
CHR8	13940763	CHR8:13940763	SSF x Far_LoA	-9,49147509	-0,032	0,305
CHR8	13941409	CHR8:13941409	SSF x Far_LoA	-9,95172233	-0,128	0,312
CHR8	13949409	CHR8:13949409	SSF x Far_LoA	-8,80939163	-0,043	0,305
CHR8	13949606	CHR8:13949606	SSF x Far_LoA	-11,0450103	-0,049	0,312
CHR8	1394990	CHR8:1394990	SSF x Far_LoA	-11,1530391	-0,069	0,324
CHR8	1395127	CHR8:1395127	SSF x Far_LoA	-8,83918622	-0,042	0,314
CHR8	1395129	CHR8:1395129	SSF x Far_LoA	-11,7715769	0,035	0,311
CHR8	13955184	CHR8:13955184	SSF x Far_LoA	-12,1130642	0,001	0,294
CHR8	13969014	CHR8:13969014	SSF x Far_LoA	-8,95172468	0,045	0,301
CHR8	13969132	CHR8:13969132	SSF x Far_LoA	-10,2586902	0,053	0,301
CHR8	13986021	CHR8:13986021	SSF x Far_LoA	-5,89292853	-0,129	0,303
CHR8	13986047	CHR8:13986047	SSF x Far_LoA	-11,4669465	-0,040	0,308
CHR8	13986198	CHR8:13986198	SSF x Far_LoA	-10,8331641	-0,073	0,305
CHR8	14028512	CHR8:14028512	SSF x Far_LoA	-8,73862324	-0,023	0,305
CHR8	14039939	CHR8:14039939	SSF x Far_LoA	-2,09007902	-0,073	0,304
CHR8	14039961	CHR8:14039961	SSF x Far_LoA	-10,7205173	0,055	0,307
CHR8	14039991	CHR8:14039991	SSF x Far_LoA	-8,50743619	0,079	0,300
CHR8	1404801	CHR8:1404801	SSF x Far_LoA	-10,7640392	-0,055	0,309
CHR8	14059873	CHR8:14059873	SSF x Far_LoA	-8,67878179	0,044	0,303
CHR8	14085160	CHR8:14085160	SSF x Far_LoA	-9,42615479	-0,031	0,306
CHR8	14085211	CHR8:14085211	SSF x Far_LoA	-9,73312782	-0,022	0,306
CHR8	14085253	CHR8:14085253	SSF x Far_LoA	-9,70379259	0,076	0,316
CHR8	14098841	CHR8:14098841	SSF x Far_LoA	-8,42497084	-0,065	0,302
CHR8	14098907	CHR8:14098907	SSF x Far_LoA	-8,10824979	-0,051	0,315
CHR8	14108273	CHR8:14108273	SSF x Far_LoA	-4,93243831	0,031	0,316
CHR8	14108293	CHR8:14108293	SSF x Far_LoA	-10,0065416	-0,049	0,316
CHR8	14108344	CHR8:14108344	SSF x Far_LoA	-10,7917846	-0,006	0,295
CHR8	1411534	CHR8:1411534	SSF x Far_LoA	-6,57695227	0,099	0,294
CHR8	1411590	CHR8:1411590	SSF x Far_LoA	-11,2340359	-0,002	0,309
CHR8	14123287	CHR8:14123287	SSF x Far_LoA	-5,48264216	0,090	0,305
CHR8	14123290	CHR8:14123290	SSF x Far_LoA	-9,73817529	0,088	0,307
CHR8	14123294	CHR8:14123294	SSF x Far_LoA	-10,4143514	0,046	0,311
CHR8	14123317	CHR8:14123317	SSF x Far_LoA	-7,83321545	0,111	0,309
CHR8	14123363	CHR8:14123363	SSF x Far_LoA	-10,7921402	0,046	0,319
CHR8	14129867	CHR8:14129867	SSF x Far_LoA	-8,92308556	0,176	0,290
CHR8	14130002	CHR8:14130002	SSF x Far_LoA	-8,52059731	0,093	0,295
CHR8	14130003	CHR8:14130003	SSF x Far_LoA	-10,1820434	0,040	0,298
CHR8	14130045	CHR8:14130045	SSF x Far_LoA	-9,9040157	0,096	0,305
CHR8	14134442	CHR8:14134442	SSF x Far_LoA	-0,5158381	-0,220	0,301
CHR8	14134449	CHR8:14134449	SSF x Far_LoA	-8,44669222	-0,156	0,311
CHR8	14152074	CHR8:14152074	SSF x Far_LoA	-8,43352889	-0,137	0,320
CHR8	14158310	CHR8:14158310	SSF x Far_LoA	-8,27400447	0,006	0,308
CHR8	14158339	CHR8:14158339	SSF x Far_LoA	-4,25247225	0,173	0,301
CHR8	14158406	CHR8:14158406	SSF x Far_LoA	-5,26941856	0,129	0,297
CHR8	14158426	CHR8:14158426	SSF x Far_LoA	-8,35485675	-0,033	0,312
CHR8	14163659	CHR8:14163659	SSF x Far_LoA	-3,186048	-0,048	0,323
CHR8	14163727	CHR8:14163727	SSF x Far_LoA	-8,98933606	-0,029	0,321
CHR8	14174221	CHR8:14174221	SSF x Far_LoA	-9,62527071	0,118	0,300

CHR8	14174232	CHR8:14174232	SSF x Far_LoA	-10,7965744	0,107	0,291
CHR8	14174280	CHR8:14174280	SSF x Far_LoA	-11,1434293	0,045	0,311
CHR8	14190650	CHR8:14190650	SSF x Far_LoA	-7,91245657	-0,094	0,310
CHR8	14196017	CHR8:14196017	SSF x Far_LoA	-6,19808624	-0,139	0,306
CHR8	14196207	CHR8:14196207	SSF x Far_LoA	-11,5038134	0,068	0,297
CHR8	14196232	CHR8:14196232	SSF x Far_LoA	-6,88016895	-0,164	0,300
CHR8	14202441	CHR8:14202441	SSF x Far_LoA	-8,90203602	0,117	0,297
CHR8	14202474	CHR8:14202474	SSF x Far_LoA	-7,64564437	0,121	0,294
CHR8	14202556	CHR8:14202556	SSF x Far_LoA	-11,2135424	-0,012	0,298
CHR8	14202670	CHR8:14202670	SSF x Far_LoA	-9,11174267	0,091	0,302
CHR8	14211752	CHR8:14211752	SSF x Far_LoA	-10,8574067	0,034	0,306
CHR8	14212734	CHR8:14212734	SSF x Far_LoA	-8,04015064	-0,132	0,313
CHR8	14212771	CHR8:14212771	SSF x Far_LoA	-9,14258188	0,111	0,294
CHR8	14223028	CHR8:14223028	SSF x Far_LoA	-9,39817273	0,069	0,300
CHR8	14223073	CHR8:14223073	SSF x Far_LoA	-9,8367377	0,041	0,318
CHR8	14223094	CHR8:14223094	SSF x Far_LoA	-9,16107751	0,101	0,314
CHR8	14227540	CHR8:14227540	SSF x Far_LoA	-7,41742471	0,023	0,325
CHR8	14229148	CHR8:14229148	SSF x Far_LoA	-9,61499008	0,064	0,302
CHR8	14232457	CHR8:14232457	SSF x Far_LoA	-8,57941391	0,132	0,300
CHR8	14232566	CHR8:14232566	SSF x Far_LoA	-6,65622017	0,131	0,310
CHR8	14232659	CHR8:14232659	SSF x Far_LoA	-8,57902204	0,089	0,307
CHR8	14235746	CHR8:14235746	SSF x Far_LoA	-9,03832521	0,046	0,310
CHR8	14237891	CHR8:14237891	SSF x Far_LoA	-7,35890422	0,127	0,312
CHR8	14237917	CHR8:14237917	SSF x Far_LoA	-9,27909231	0,116	0,309
CHR8	14237995	CHR8:14237995	SSF x Far_LoA	-5,92597967	0,129	0,313
CHR8	14238196	CHR8:14238196	SSF x Far_LoA	-11,3658982	-0,111	0,294
CHR8	14238200	CHR8:14238200	SSF x Far_LoA	-9,9769213	0,053	0,303
CHR8	14238215	CHR8:14238215	SSF x Far_LoA	-0,79843744	0,072	0,309
CHR8	14238983	CHR8:14238983	SSF x Far_LoA	-6,67384579	0,126	0,304
CHR8	14239056	CHR8:14239056	SSF x Far_LoA	-8,34141101	0,133	0,311
CHR8	14244300	CHR8:14244300	SSF x Far_LoA	-9,94467879	-0,061	0,314
CHR8	14244320	CHR8:14244320	SSF x Far_LoA	-10,3183005	0,134	0,287
CHR8	1425764	CHR8:1425764	SSF x Far_LoA	-10,6352036	-0,062	0,294
CHR8	1425800	CHR8:1425800	SSF x Far_LoA	-8,39890714	-0,122	0,313
CHR8	1425805	CHR8:1425805	SSF x Far_LoA	-9,6866513	-0,088	0,316
CHR8	1425824	CHR8:1425824	SSF x Far_LoA	-11,0854545	-0,024	0,319
CHR8	1425880	CHR8:1425880	SSF x Far_LoA	-8,80025147	0,011	0,306
CHR8	14266903	CHR8:14266903	SSF x Far_LoA	-7,96133417	0,012	0,323
CHR8	14266913	CHR8:14266913	SSF x Far_LoA	-9,10532551	0,026	0,315
CHR8	14266932	CHR8:14266932	SSF x Far_LoA	-8,5069601	0,015	0,322
CHR8	14266941	CHR8:14266941	SSF x Far_LoA	-8,03904191	0,030	0,320
CHR8	14266951	CHR8:14266951	SSF x Far_LoA	-7,38726549	0,015	0,315
CHR8	14267004	CHR8:14267004	SSF x Far_LoA	-8,54019397	-0,005	0,313
CHR8	14289342	CHR8:14289342	SSF x Far_LoA	-10,0047761	-0,033	0,312
CHR8	14295229	CHR8:14295229	SSF x Far_LoA	-7,83087872	-0,146	0,302
CHR8	14297	CHR8:14297	SSF x Far_LoA	-9,50691527	0,011	0,316
CHR8	14302989	CHR8:14302989	SSF x Far_LoA	-9,85369767	-0,037	0,300
CHR8	14302996	CHR8:14302996	SSF x Far_LoA	-8,85265454	-0,050	0,303
CHR8	14303031	CHR8:14303031	SSF x Far_LoA	-8,85629573	-0,036	0,317
CHR8	14303112	CHR8:14303112	SSF x Far_LoA	-8,46487695	0,078	0,315
CHR8	14303157	CHR8:14303157	SSF x Far_LoA	-9,28354108	-0,055	0,306
CHR8	14329535	CHR8:14329535	SSF x Far_LoA	-7,67847813	0,106	0,317
CHR8	14342344	CHR8:14342344	SSF x Far_LoA	-11,0553104	0,064	0,304

CHR8	14342469	CHR8:14342469	SSF x Far_LoA	-9,06169167	-0,024	0,322
CHR8	14344795	CHR8:14344795	SSF x Far_LoA	-10,1018354	0,041	0,305
CHR8	14354663	CHR8:14354663	SSF x Far_LoA	-8,95191511	0,141	0,299
CHR8	14364942	CHR8:14364942	SSF x Far_LoA	-9,44299959	0,075	0,309
CHR8	14367562	CHR8:14367562	SSF x Far_LoA	-9,21148948	0,074	0,308
CHR8	14378739	CHR8:14378739	SSF x Far_LoA	2,77327191	-0,125	0,310
CHR8	14378746	CHR8:14378746	SSF x Far_LoA	-5,09365777	-0,128	0,301
CHR8	14378812	CHR8:14378812	SSF x Far_LoA	-7,24059158	-0,119	0,305
CHR8	14378827	CHR8:14378827	SSF x Far_LoA	-10,3027959	0,130	0,315
CHR8	14378871	CHR8:14378871	SSF x Far_LoA	-6,38662083	-0,127	0,302
CHR8	14378875	CHR8:14378875	SSF x Far_LoA	-7,94855493	-0,111	0,299
CHR8	14378883	CHR8:14378883	SSF x Far_LoA	-3,31909318	0,154	0,305
CHR8	14378884	CHR8:14378884	SSF x Far_LoA	-2,16599971	-0,118	0,289
CHR8	14395341	CHR8:14395341	SSF x Far_LoA	-11,4075064	0,069	0,306
CHR8	14395513	CHR8:14395513	SSF x Far_LoA	-10,8092757	-0,069	0,311
CHR8	14407768	CHR8:14407768	SSF x Far_LoA	-10,3717499	0,062	0,309
CHR8	14407778	CHR8:14407778	SSF x Far_LoA	-8,82006266	-0,085	0,301
CHR8	14407839	CHR8:14407839	SSF x Far_LoA	-8,39500129	-0,039	0,313
CHR8	14407859	CHR8:14407859	SSF x Far_LoA	-6,71626638	-0,102	0,310
CHR8	14407873	CHR8:14407873	SSF x Far_LoA	-12,8280487	0,055	0,289
CHR8	14418167	CHR8:14418167	SSF x Far_LoA	-7,76753749	0,004	0,301
CHR8	14418179	CHR8:14418179	SSF x Far_LoA	-9,10253298	0,081	0,306
CHR8	14418190	CHR8:14418190	SSF x Far_LoA	-8,83912025	-0,026	0,302
CHR8	14418201	CHR8:14418201	SSF x Far_LoA	-7,19567898	0,023	0,317
CHR8	14418223	CHR8:14418223	SSF x Far_LoA	-10,1813687	0,083	0,306
CHR8	14418234	CHR8:14418234	SSF x Far_LoA	-9,4562284	-0,014	0,305
CHR8	14418311	CHR8:14418311	SSF x Far_LoA	-8,29708677	-0,013	0,305
CHR8	14418394	CHR8:14418394	SSF x Far_LoA	-8,23530224	0,034	0,309
CHR8	14418399	CHR8:14418399	SSF x Far_LoA	-9,59156126	-0,081	0,314
CHR8	14448453	CHR8:14448453	SSF x Far_LoA	-10,1352333	0,017	0,314
CHR8	14459301	CHR8:14459301	SSF x Far_LoA	-6,14586057	0,136	0,291
CHR8	14459313	CHR8:14459313	SSF x Far_LoA	-9,16623095	-0,028	0,304
CHR8	14459325	CHR8:14459325	SSF x Far_LoA	-8,76415315	-0,079	0,309
CHR8	14459333	CHR8:14459333	SSF x Far_LoA	-9,78716499	-0,039	0,301
CHR8	14459404	CHR8:14459404	SSF x Far_LoA	-4,05657264	-0,165	0,306
CHR8	14459437	CHR8:14459437	SSF x Far_LoA	-3,22621119	-0,019	0,316
CHR8	14459463	CHR8:14459463	SSF x Far_LoA	-5,7832508	-0,042	0,317
CHR8	14459502	CHR8:14459502	SSF x Far_LoA	-8,95644698	-0,025	0,315
CHR8	14459511	CHR8:14459511	SSF x Far_LoA	-10,0354059	-0,042	0,314
CHR8	14476558	CHR8:14476558	SSF x Far_LoA	-11,1099699	0,066	0,309
CHR8	14476608	CHR8:14476608	SSF x Far_LoA	-8,03969534	0,086	0,310
CHR8	14480880	CHR8:14480880	SSF x Far_LoA	-9,06473371	-0,043	0,299
CHR8	14480902	CHR8:14480902	SSF x Far_LoA	-9,46200068	0,034	0,310
CHR8	14481003	CHR8:14481003	SSF x Far_LoA	-9,0136824	0,008	0,306
CHR8	14497665	CHR8:14497665	SSF x Far_LoA	-9,38093115	-0,010	0,304
CHR8	14497666	CHR8:14497666	SSF x Far_LoA	-10,5730694	0,029	0,310
CHR8	14501868	CHR8:14501868	SSF x Far_LoA	-9,15924911	-0,119	0,309
CHR8	14501963	CHR8:14501963	SSF x Far_LoA	-9,78814274	0,115	0,299
CHR8	14502062	CHR8:14502062	SSF x Far_LoA	-9,63143642	-0,049	0,320
CHR8	14508449	CHR8:14508449	SSF x Far_LoA	-6,28495991	0,029	0,310
CHR8	14509868	CHR8:14509868	SSF x Far_LoA	-10,3181486	0,087	0,316
CHR8	1451674	CHR8:1451674	SSF x Far_LoA	-10,0592129	-0,005	0,322
CHR8	14532459	CHR8:14532459	SSF x Far_LoA	-11,1357829	-0,025	0,299

CHR8	14532461	CHR8:14532461	SSF x Far_LoA	-11,8429158	-0,046	0,286
CHR8	14535459	CHR8:14535459	SSF x Far_LoA	-9,98604543	-0,101	0,305
CHR8	14535489	CHR8:14535489	SSF x Far_LoA	-8,35065657	-0,058	0,314
CHR8	14551505	CHR8:14551505	SSF x Far_LoA	-5,30378621	-0,211	0,301
CHR8	14551726	CHR8:14551726	SSF x Far_LoA	-8,18841982	0,120	0,308
CHR8	14573180	CHR8:14573180	SSF x Far_LoA	-9,75752011	-0,060	0,298
CHR8	14573255	CHR8:14573255	SSF x Far_LoA	-9,94794627	-0,079	0,292
CHR8	14573283	CHR8:14573283	SSF x Far_LoA	-9,89425626	-0,019	0,307
CHR8	14573284	CHR8:14573284	SSF x Far_LoA	-10,41045	-0,059	0,301
CHR8	14618381	CHR8:14618381	SSF x Far_LoA	-8,11180435	-0,009	0,308
CHR8	14645967	CHR8:14645967	SSF x Far_LoA	-10,2050549	-0,011	0,303
CHR8	14649611	CHR8:14649611	SSF x Far_LoA	-12,006019	-0,045	0,311
CHR8	14674743	CHR8:14674743	SSF x Far_LoA	-9,35416986	-0,074	0,287
CHR8	14681673	CHR8:14681673	SSF x Far_LoA	-10,1876003	0,013	0,321
CHR8	14702614	CHR8:14702614	SSF x Far_LoA	-7,69135361	0,077	0,314
CHR8	14702678	CHR8:14702678	SSF x Far_LoA	-5,41836749	0,034	0,303
CHR8	14702709	CHR8:14702709	SSF x Far_LoA	-10,0115578	0,010	0,306
CHR8	14702740	CHR8:14702740	SSF x Far_LoA	-9,28287401	-0,056	0,312
CHR8	14702758	CHR8:14702758	SSF x Far_LoA	-3,54962276	0,110	0,303
CHR8	14705834	CHR8:14705834	SSF x Far_LoA	-9,69698999	-0,044	0,313
CHR8	14706737	CHR8:14706737	SSF x Far_LoA	-8,22430705	0,010	0,292
CHR8	14712204	CHR8:14712204	SSF x Far_LoA	-5,31051481	0,038	0,318
CHR8	14730234	CHR8:14730234	SSF x Far_LoA	-8,67568825	-0,076	0,311
CHR8	14730235	CHR8:14730235	SSF x Far_LoA	-9,17892045	-0,073	0,298
CHR8	14730236	CHR8:14730236	SSF x Far_LoA	-8,94753775	-0,083	0,305
CHR8	14730407	CHR8:14730407	SSF x Far_LoA	-11,8412507	-0,014	0,304
CHR8	14730575	CHR8:14730575	SSF x Far_LoA	-8,62782334	-0,099	0,327
CHR8	1474	CHR8:1474	SSF x Far_LoA	-11,6208979	-0,012	0,301
CHR8	14747888	CHR8:14747888	SSF x Far_LoA	-10,4838111	0,010	0,310
CHR8	14748219	CHR8:14748219	SSF x Far_LoA	-10,2216715	0,002	0,295
CHR8	14748228	CHR8:14748228	SSF x Far_LoA	-9,87376271	-0,024	0,306
CHR8	14748244	CHR8:14748244	SSF x Far_LoA	-5,61530749	-0,020	0,304
CHR8	14748249	CHR8:14748249	SSF x Far_LoA	-9,87612751	0,006	0,305
CHR8	14748283	CHR8:14748283	SSF x Far_LoA	-10,598479	0,045	0,308
CHR8	14756353	CHR8:14756353	SSF x Far_LoA	-4,64417636	0,203	0,304
CHR8	14756362	CHR8:14756362	SSF x Far_LoA	-11,6018168	-0,018	0,303
CHR8	14756401	CHR8:14756401	SSF x Far_LoA	-9,73180188	-0,021	0,314
CHR8	14756407	CHR8:14756407	SSF x Far_LoA	-8,8273453	-0,010	0,314
CHR8	14756418	CHR8:14756418	SSF x Far_LoA	-5,22808361	0,208	0,288
CHR8	14768870	CHR8:14768870	SSF x Far_LoA	-9,91601929	-0,095	0,304
CHR8	14768921	CHR8:14768921	SSF x Far_LoA	-8,59765489	-0,066	0,312
CHR8	14768939	CHR8:14768939	SSF x Far_LoA	-10,924336	-0,062	0,312
CHR8	14780536	CHR8:14780536	SSF x Far_LoA	-5,83556769	0,099	0,308
CHR8	14798684	CHR8:14798684	SSF x Far_LoA	-10,9443729	0,027	0,309
CHR8	148126	CHR8:148126	SSF x Far_LoA	-10,4177957	-0,066	0,317
CHR8	14830552	CHR8:14830552	SSF x Far_LoA	-10,9893804	0,052	0,306
CHR8	14888901	CHR8:14888901	SSF x Far_LoA	-10,584292	-0,022	0,312
CHR8	14888933	CHR8:14888933	SSF x Far_LoA	-8,78750162	-0,104	0,308
CHR8	14888959	CHR8:14888959	SSF x Far_LoA	-10,6220083	-0,030	0,324
CHR8	14892133	CHR8:14892133	SSF x Far_LoA	-9,3012254	-0,047	0,325
CHR8	14892490	CHR8:14892490	SSF x Far_LoA	-7,79473312	0,093	0,307
CHR8	14894079	CHR8:14894079	SSF x Far_LoA	-8,62446356	-0,026	0,292
CHR8	14894105	CHR8:14894105	SSF x Far_LoA	-10,7546832	0,017	0,308

CHR8	14894189	CHR8:14894189	SSF x Far_LoA	-7,50105747	0,019	0,300
CHR8	14894204	CHR8:14894204	SSF x Far_LoA	-8,36380455	0,042	0,306
CHR8	14894276	CHR8:14894276	SSF x Far_LoA	-8,96074712	-0,010	0,305
CHR8	14899215	CHR8:14899215	SSF x Far_LoA	-12,6052228	0,013	0,306
CHR8	14899219	CHR8:14899219	SSF x Far_LoA	-9,76397574	-0,082	0,308
CHR8	14909471	CHR8:14909471	SSF x Far_LoA	-9,71000204	-0,154	0,299
CHR8	14912962	CHR8:14912962	SSF x Far_LoA	-8,39479695	0,076	0,308
CHR8	14913049	CHR8:14913049	SSF x Far_LoA	-5,5651983	0,133	0,302
CHR8	14913075	CHR8:14913075	SSF x Far_LoA	-11,0747087	-0,025	0,309
CHR8	14913077	CHR8:14913077	SSF x Far_LoA	-8,1734467	0,006	0,324
CHR8	14914864	CHR8:14914864	SSF x Far_LoA	-10,6543487	0,032	0,312
CHR8	14926659	CHR8:14926659	SSF x Far_LoA	-7,51533913	0,105	0,312
CHR8	1493781	CHR8:1493781	SSF x Far_LoA	-12,1304121	-0,069	0,303
CHR8	1493902	CHR8:1493902	SSF x Far_LoA	-10,5298689	0,095	0,311
CHR8	1493906	CHR8:1493906	SSF x Far_LoA	-12,1527443	0,087	0,306
CHR8	14953978	CHR8:14953978	SSF x Far_LoA	-11,2833123	0,101	0,304
CHR8	14954028	CHR8:14954028	SSF x Far_LoA	-10,0387657	0,058	0,306
CHR8	14963415	CHR8:14963415	SSF x Far_LoA	-9,43608167	0,084	0,303
CHR8	14963478	CHR8:14963478	SSF x Far_LoA	-10,6311854	-0,008	0,311
CHR8	14974637	CHR8:14974637	SSF x Far_LoA	-9,45519834	0,041	0,311
CHR8	14974677	CHR8:14974677	SSF x Far_LoA	-7,78644563	0,039	0,315
CHR8	14974689	CHR8:14974689	SSF x Far_LoA	-9,60467069	0,050	0,306
CHR8	14974695	CHR8:14974695	SSF x Far_LoA	-9,07895009	0,061	0,316
CHR8	14974709	CHR8:14974709	SSF x Far_LoA	-9,90168089	0,053	0,292
CHR8	14977381	CHR8:14977381	SSF x Far_LoA	-11,5017392	0,008	0,309
CHR8	14977412	CHR8:14977412	SSF x Far_LoA	-8,16003576	-0,072	0,306
CHR8	14977413	CHR8:14977413	SSF x Far_LoA	-10,5810436	0,065	0,302
CHR8	14977459	CHR8:14977459	SSF x Far_LoA	-6,01154346	0,138	0,309
CHR8	14982810	CHR8:14982810	SSF x Far_LoA	-10,4927403	-0,099	0,305
CHR8	14982965	CHR8:14982965	SSF x Far_LoA	-10,3586801	-0,025	0,309
CHR8	14982991	CHR8:14982991	SSF x Far_LoA	-11,3790922	-0,063	0,304
CHR8	14987629	CHR8:14987629	SSF x Far_LoA	-9,81849861	0,091	0,304
CHR8	14991309	CHR8:14991309	SSF x Far_LoA	-8,78092632	-0,017	0,305
CHR8	14994018	CHR8:14994018	SSF x Far_LoA	-8,30747818	-0,167	0,310
CHR8	15012412	CHR8:15012412	SSF x Far_LoA	-9,397813	0,031	0,300
CHR8	15021406	CHR8:15021406	SSF x Far_LoA	-10,8809465	0,005	0,317
CHR8	15021408	CHR8:15021408	SSF x Far_LoA	-9,92110822	-0,008	0,308
CHR8	15029810	CHR8:15029810	SSF x Far_LoA	-9,99613034	0,096	0,305
CHR8	15029821	CHR8:15029821	SSF x Far_LoA	-9,6411305	0,092	0,316
CHR8	15029877	CHR8:15029877	SSF x Far_LoA	-10,6531555	0,041	0,315
CHR8	15029907	CHR8:15029907	SSF x Far_LoA	-10,2099966	0,056	0,309
CHR8	15031653	CHR8:15031653	SSF x Far_LoA	-10,0435612	-0,063	0,303
CHR8	15031671	CHR8:15031671	SSF x Far_LoA	-6,33077616	-0,143	0,300
CHR8	15031836	CHR8:15031836	SSF x Far_LoA	-10,9624501	0,030	0,297
CHR8	15048936	CHR8:15048936	SSF x Far_LoA	-10,7901274	-0,113	0,310
CHR8	15048953	CHR8:15048953	SSF x Far_LoA	-9,81996656	0,030	0,293
CHR8	1505228	CHR8:1505228	SSF x Far_LoA	-6,70331772	-0,128	0,311
CHR8	1505235	CHR8:1505235	SSF x Far_LoA	-9,28421633	-0,090	0,300
CHR8	1505263	CHR8:1505263	SSF x Far_LoA	-9,21214774	-0,102	0,304
CHR8	1505265	CHR8:1505265	SSF x Far_LoA	-6,99834946	-0,145	0,303
CHR8	1505307	CHR8:1505307	SSF x Far_LoA	-9,09472616	0,071	0,307
CHR8	15108119	CHR8:15108119	SSF x Far_LoA	-7,94234537	-0,085	0,316
CHR8	15108164	CHR8:15108164	SSF x Far_LoA	-11,0228673	-0,030	0,303

CHR8	15108307	CHR8:15108307	SSF x Far_LoA	-8,53811915	-0,055	0,296
CHR8	15117835	CHR8:15117835	SSF x Far_LoA	-10,4869046	-0,010	0,307
CHR8	15117837	CHR8:15117837	SSF x Far_LoA	-8,21113934	-0,082	0,310
CHR8	1512646	CHR8:1512646	SSF x Far_LoA	-10,0266714	0,002	0,302
CHR8	1512667	CHR8:1512667	SSF x Far_LoA	-7,04940581	0,107	0,307
CHR8	1512711	CHR8:1512711	SSF x Far_LoA	-10,5040867	-0,073	0,319
CHR8	1512768	CHR8:1512768	SSF x Far_LoA	-10,3602174	-0,038	0,301
CHR8	15138778	CHR8:15138778	SSF x Far_LoA	-10,2856249	-0,115	0,295
CHR8	15138784	CHR8:15138784	SSF x Far_LoA	-6,12522417	-0,015	0,300
CHR8	15138809	CHR8:15138809	SSF x Far_LoA	-0,18570461	-0,181	0,318
CHR8	15138814	CHR8:15138814	SSF x Far_LoA	-10,8988946	-0,076	0,303
CHR8	15138850	CHR8:15138850	SSF x Far_LoA	-9,84589722	-0,024	0,307
CHR8	15138875	CHR8:15138875	SSF x Far_LoA	-9,97755418	-0,015	0,315
CHR8	15138882	CHR8:15138882	SSF x Far_LoA	-7,92136175	-0,008	0,325
CHR8	15138883	CHR8:15138883	SSF x Far_LoA	-8,42191291	0,004	0,311
CHR8	15138889	CHR8:15138889	SSF x Far_LoA	-7,47421126	-0,012	0,314
CHR8	15139018	CHR8:15139018	SSF x Far_LoA	-4,62869224	-0,032	0,330
CHR8	15145041	CHR8:15145041	SSF x Far_LoA	-7,18209559	0,085	0,306
CHR8	15145060	CHR8:15145060	SSF x Far_LoA	-8,77095311	0,110	0,296
CHR8	15145083	CHR8:15145083	SSF x Far_LoA	-9,27310662	0,032	0,320
CHR8	15159254	CHR8:15159254	SSF x Far_LoA	-10,6793663	0,056	0,309
CHR8	15169707	CHR8:15169707	SSF x Far_LoA	-7,74862235	0,041	0,300
CHR8	15169740	CHR8:15169740	SSF x Far_LoA	-8,57586746	0,132	0,298
CHR8	15169788	CHR8:15169788	SSF x Far_LoA	-8,00626697	-0,110	0,304
CHR8	15169804	CHR8:15169804	SSF x Far_LoA	-8,9876733	-0,015	0,307
CHR8	15169857	CHR8:15169857	SSF x Far_LoA	-10,5386013	0,041	0,310
CHR8	15171376	CHR8:15171376	SSF x Far_LoA	-9,9732027	-0,127	0,310
CHR8	15171385	CHR8:15171385	SSF x Far_LoA	-8,54576135	0,084	0,304
CHR8	15171399	CHR8:15171399	SSF x Far_LoA	-7,95786863	-0,039	0,303
CHR8	15172729	CHR8:15172729	SSF x Far_LoA	-8,38458451	-0,014	0,309
CHR8	15172750	CHR8:15172750	SSF x Far_LoA	-9,31088787	0,020	0,304
CHR8	15172761	CHR8:15172761	SSF x Far_LoA	-9,22193508	-0,118	0,301
CHR8	15172769	CHR8:15172769	SSF x Far_LoA	-5,68165491	0,111	0,291
CHR8	15172773	CHR8:15172773	SSF x Far_LoA	-7,92615618	0,064	0,300
CHR8	15172785	CHR8:15172785	SSF x Far_LoA	-9,27823311	0,099	0,302
CHR8	15172814	CHR8:15172814	SSF x Far_LoA	-9,40696175	0,091	0,305
CHR8	15182649	CHR8:15182649	SSF x Far_LoA	-5,09013079	-0,102	0,316
CHR8	15182667	CHR8:15182667	SSF x Far_LoA	-12,0884648	0,080	0,301
CHR8	15182684	CHR8:15182684	SSF x Far_LoA	-11,8578075	0,027	0,310
CHR8	15183610	CHR8:15183610	SSF x Far_LoA	-10,0793359	0,117	0,297
CHR8	15183713	CHR8:15183713	SSF x Far_LoA	-9,15558598	0,148	0,285
CHR8	15191303	CHR8:15191303	SSF x Far_LoA	-9,50727545	0,029	0,300
CHR8	15191403	CHR8:15191403	SSF x Far_LoA	-9,2344821	0,052	0,310
CHR8	15191418	CHR8:15191418	SSF x Far_LoA	-8,1179474	0,051	0,301
CHR8	15191422	CHR8:15191422	SSF x Far_LoA	-11,2719311	0,011	0,304
CHR8	15191486	CHR8:15191486	SSF x Far_LoA	-9,99785564	0,032	0,294
CHR8	15191518	CHR8:15191518	SSF x Far_LoA	-4,3472038	-0,186	0,287
CHR8	15197069	CHR8:15197069	SSF x Far_LoA	-9,60625517	0,051	0,290
CHR8	15197110	CHR8:15197110	SSF x Far_LoA	-9,66681723	0,085	0,310
CHR8	15197127	CHR8:15197127	SSF x Far_LoA	-9,91560927	0,119	0,294
CHR8	15197129	CHR8:15197129	SSF x Far_LoA	-10,3086887	0,010	0,313
CHR8	15197187	CHR8:15197187	SSF x Far_LoA	-8,68748375	-0,020	0,305
CHR8	15197194	CHR8:15197194	SSF x Far_LoA	-9,44373652	-0,004	0,316

CHR8	15197313	CHR8:15197313	SSF x Far_LoA	-8,74770247	0,032	0,309
CHR8	15204493	CHR8:15204493	SSF x Far_LoA	-6,39499459	-0,138	0,321
CHR8	15204561	CHR8:15204561	SSF x Far_LoA	-8,62299366	-0,050	0,335
CHR8	15204589	CHR8:15204589	SSF x Far_LoA	-9,03253798	-0,079	0,302
CHR8	15204601	CHR8:15204601	SSF x Far_LoA	-7,41669495	-0,134	0,315
CHR8	15204643	CHR8:15204643	SSF x Far_LoA	-7,02315185	0,070	0,309
CHR8	15204645	CHR8:15204645	SSF x Far_LoA	-7,71133719	0,088	0,311
CHR8	15204646	CHR8:15204646	SSF x Far_LoA	-8,64759622	-0,070	0,311
CHR8	15204695	CHR8:15204695	SSF x Far_LoA	-8,30615855	-0,154	0,308
CHR8	15209932	CHR8:15209932	SSF x Far_LoA	-9,84037826	-0,014	0,325
CHR8	15218570	CHR8:15218570	SSF x Far_LoA	-11,5382203	0,016	0,315
CHR8	15222081	CHR8:15222081	SSF x Far_LoA	-9,00179005	0,019	0,292
CHR8	15222119	CHR8:15222119	SSF x Far_LoA	-11,763207	-0,024	0,299
CHR8	15222128	CHR8:15222128	SSF x Far_LoA	-9,540668	-0,012	0,300
CHR8	15222146	CHR8:15222146	SSF x Far_LoA	-11,450462	-0,014	0,284
CHR8	15222280	CHR8:15222280	SSF x Far_LoA	-8,49406824	-0,003	0,306
CHR8	15222293	CHR8:15222293	SSF x Far_LoA	-2,87027066	0,102	0,304
CHR8	15243000	CHR8:15243000	SSF x Far_LoA	-0,65651299	-0,043	0,320
CHR8	15249882	CHR8:15249882	SSF x Far_LoA	-9,8140993	0,061	0,299
CHR8	15249883	CHR8:15249883	SSF x Far_LoA	-6,81506452	0,035	0,304
CHR8	15249926	CHR8:15249926	SSF x Far_LoA	-7,9584847	0,010	0,313
CHR8	15292831	CHR8:15292831	SSF x Far_LoA	-10,1481433	-0,055	0,312
CHR8	15292841	CHR8:15292841	SSF x Far_LoA	-11,496034	0,043	0,298
CHR8	15292881	CHR8:15292881	SSF x Far_LoA	-8,95090749	0,100	0,306
CHR8	15292928	CHR8:15292928	SSF x Far_LoA	-10,3850937	0,086	0,298
CHR8	15293048	CHR8:15293048	SSF x Far_LoA	-10,718949	-0,140	0,302
CHR8	15296196	CHR8:15296196	SSF x Far_LoA	-1,32794604	-0,006	0,301
CHR8	15296206	CHR8:15296206	SSF x Far_LoA	-8,39522291	-0,126	0,307
CHR8	15298458	CHR8:15298458	SSF x Far_LoA	-10,9208424	-0,070	0,314
CHR8	15298475	CHR8:15298475	SSF x Far_LoA	-5,21567538	-0,080	0,313
CHR8	15302884	CHR8:15302884	SSF x Far_LoA	-8,30298546	-0,146	0,303
CHR8	15304371	CHR8:15304371	SSF x Far_LoA	-6,40107161	0,111	0,304
CHR8	15304445	CHR8:15304445	SSF x Far_LoA	-9,6066376	0,038	0,319
CHR8	15309376	CHR8:15309376	SSF x Far_LoA	-7,61993834	-0,170	0,300
CHR8	15309390	CHR8:15309390	SSF x Far_LoA	-8,99583473	0,018	0,306
CHR8	15309435	CHR8:15309435	SSF x Far_LoA	-8,10573105	-0,085	0,314
CHR8	15309445	CHR8:15309445	SSF x Far_LoA	-10,8837435	0,057	0,307
CHR8	15309505	CHR8:15309505	SSF x Far_LoA	-7,34204923	-0,045	0,311
CHR8	15311135	CHR8:15311135	SSF x Far_LoA	-10,1965617	-0,050	0,301
CHR8	15329185	CHR8:15329185	SSF x Far_LoA	-8,26351815	0,111	0,305
CHR8	15329212	CHR8:15329212	SSF x Far_LoA	-10,5976475	-0,002	0,313
CHR8	15329238	CHR8:15329238	SSF x Far_LoA	-8,64083566	0,118	0,302
CHR8	15329359	CHR8:15329359	SSF x Far_LoA	-8,25577474	-0,143	0,300
CHR8	15353332	CHR8:15353332	SSF x Far_LoA	-8,96573318	0,141	0,303
CHR8	15360902	CHR8:15360902	SSF x Far_LoA	-10,4954647	0,001	0,304
CHR8	15360904	CHR8:15360904	SSF x Far_LoA	-8,67284614	0,120	0,291
CHR8	15360907	CHR8:15360907	SSF x Far_LoA	-10,1101072	0,045	0,300
CHR8	15360938	CHR8:15360938	SSF x Far_LoA	-7,17714479	0,011	0,311
CHR8	15360951	CHR8:15360951	SSF x Far_LoA	-9,13066761	0,009	0,302
CHR8	1536138	CHR8:1536138	SSF x Far_LoA	-11,0287332	0,104	0,302
CHR8	15362464	CHR8:15362464	SSF x Far_LoA	-12,1050513	0,005	0,313
CHR8	15362472	CHR8:15362472	SSF x Far_LoA	-6,28294103	0,128	0,301
CHR8	15362480	CHR8:15362480	SSF x Far_LoA	-9,2660627	-0,028	0,303

CHR8	15362491	CHR8:15362491	SSF x Far_LoA	-7,79346565	-0,054	0,314
CHR8	15362510	CHR8:15362510	SSF x Far_LoA	-8,47501818	0,013	0,313
CHR8	15362607	CHR8:15362607	SSF x Far_LoA	-8,36771237	-0,151	0,301
CHR8	15362614	CHR8:15362614	SSF x Far_LoA	-9,96024081	-0,070	0,319
CHR8	15362615	CHR8:15362615	SSF x Far_LoA	-10,3036344	0,079	0,305
CHR8	15362697	CHR8:15362697	SSF x Far_LoA	-9,34568917	-0,010	0,301
CHR8	15362713	CHR8:15362713	SSF x Far_LoA	-11,3319933	0,015	0,295
CHR8	15370963	CHR8:15370963	SSF x Far_LoA	-4,92727014	0,117	0,321
CHR8	15381631	CHR8:15381631	SSF x Far_LoA	-10,2741012	0,020	0,296
CHR8	15381634	CHR8:15381634	SSF x Far_LoA	-8,61765299	-0,056	0,303
CHR8	15384214	CHR8:15384214	SSF x Far_LoA	-8,45654344	0,139	0,292
CHR8	15384326	CHR8:15384326	SSF x Far_LoA	-8,45274827	-0,053	0,303
CHR8	15384345	CHR8:15384345	SSF x Far_LoA	-5,89856012	-0,098	0,317
CHR8	15384356	CHR8:15384356	SSF x Far_LoA	-8,92382976	0,093	0,302
CHR8	15384375	CHR8:15384375	SSF x Far_LoA	-9,07479114	0,037	0,310
CHR8	15384441	CHR8:15384441	SSF x Far_LoA	-7,56248055	-0,137	0,305
CHR8	15389440	CHR8:15389440	SSF x Far_LoA	-10,6948483	-0,035	0,306
CHR8	15389445	CHR8:15389445	SSF x Far_LoA	-10,109684	0,015	0,312
CHR8	15389487	CHR8:15389487	SSF x Far_LoA	-11,7820722	0,061	0,312
CHR8	15389572	CHR8:15389572	SSF x Far_LoA	-11,7877185	0,022	0,308
CHR8	15389589	CHR8:15389589	SSF x Far_LoA	-8,65341991	-0,024	0,305
CHR8	15395486	CHR8:15395486	SSF x Far_LoA	-8,7029119	0,151	0,293
CHR8	15395649	CHR8:15395649	SSF x Far_LoA	-8,61162741	0,024	0,317
CHR8	15395708	CHR8:15395708	SSF x Far_LoA	-6,43093294	-0,075	0,307
CHR8	15395725	CHR8:15395725	SSF x Far_LoA	-9,13463171	-0,078	0,308
CHR8	15403166	CHR8:15403166	SSF x Far_LoA	-7,89459366	0,093	0,310
CHR8	15403367	CHR8:15403367	SSF x Far_LoA	-10,9650634	-0,091	0,306
CHR8	15436479	CHR8:15436479	SSF x Far_LoA	-10,0619047	0,123	0,305
CHR8	15438522	CHR8:15438522	SSF x Far_LoA	-12,3526733	0,050	0,308
CHR8	15438612	CHR8:15438612	SSF x Far_LoA	-11,1926245	-0,001	0,314
CHR8	15438615	CHR8:15438615	SSF x Far_LoA	-10,0172181	-0,034	0,306
CHR8	1544126	CHR8:1544126	SSF x Far_LoA	-8,00651038	0,021	0,328
CHR8	15457474	CHR8:15457474	SSF x Far_LoA	-10,1038145	-0,099	0,294
CHR8	15457587	CHR8:15457587	SSF x Far_LoA	-5,38071613	-0,094	0,299
CHR8	15457620	CHR8:15457620	SSF x Far_LoA	-8,58166612	0,002	0,318
CHR8	15457622	CHR8:15457622	SSF x Far_LoA	-7,97738182	-0,018	0,317
CHR8	15459850	CHR8:15459850	SSF x Far_LoA	-9,00494117	0,126	0,301
CHR8	15465966	CHR8:15465966	SSF x Far_LoA	-6,50028063	-0,179	0,295
CHR8	15466062	CHR8:15466062	SSF x Far_LoA	-6,27146707	-0,075	0,312
CHR8	15466113	CHR8:15466113	SSF x Far_LoA	-8,43080268	0,114	0,307
CHR8	15483515	CHR8:15483515	SSF x Far_LoA	-8,32594074	0,103	0,301
CHR8	15483667	CHR8:15483667	SSF x Far_LoA	-10,8614692	0,034	0,306
CHR8	15483711	CHR8:15483711	SSF x Far_LoA	-8,7225466	0,007	0,308
CHR8	15484612	CHR8:15484612	SSF x Far_LoA	-8,07783162	0,092	0,314
CHR8	15488802	CHR8:15488802	SSF x Far_LoA	-9,84244384	0,132	0,299
CHR8	15488853	CHR8:15488853	SSF x Far_LoA	-10,4170377	-0,145	0,294
CHR8	15488867	CHR8:15488867	SSF x Far_LoA	-7,84010012	-0,103	0,311
CHR8	15488889	CHR8:15488889	SSF x Far_LoA	-10,5795894	-0,098	0,303
CHR8	15488893	CHR8:15488893	SSF x Far_LoA	-10,4769016	-0,048	0,302
CHR8	15488916	CHR8:15488916	SSF x Far_LoA	-9,19182648	-0,116	0,305
CHR8	15489742	CHR8:15489742	SSF x Far_LoA	-11,8292029	-0,056	0,313
CHR8	15489791	CHR8:15489791	SSF x Far_LoA	-9,73618911	-0,058	0,313
CHR8	1549506	CHR8:1549506	SSF x Far_LoA	-9,83110543	0,139	0,303

CHR8	1549640	CHR8:1549640	SSF x Far_LoA	-7,73563584	-0,130	0,306
CHR8	15508025	CHR8:15508025	SSF x Far_LoA	-11,0346962	0,036	0,302
CHR8	15508029	CHR8:15508029	SSF x Far_LoA	-8,55175385	0,001	0,310
CHR8	15508087	CHR8:15508087	SSF x Far_LoA	-9,96615732	-0,083	0,314
CHR8	15541387	CHR8:15541387	SSF x Far_LoA	-10,4604544	0,006	0,309
CHR8	15541442	CHR8:15541442	SSF x Far_LoA	-5,34218325	0,153	0,315
CHR8	15550889	CHR8:15550889	SSF x Far_LoA	-9,92973635	0,047	0,313
CHR8	15551016	CHR8:15551016	SSF x Far_LoA	-10,9771019	-0,023	0,302
CHR8	15569577	CHR8:15569577	SSF x Far_LoA	-10,6372157	0,038	0,295
CHR8	15569595	CHR8:15569595	SSF x Far_LoA	-10,2309244	0,055	0,306
CHR8	15578447	CHR8:15578447	SSF x Far_LoA	-10,56495	0,042	0,298
CHR8	15582931	CHR8:15582931	SSF x Far_LoA	-9,22732208	-0,051	0,305
CHR8	15582976	CHR8:15582976	SSF x Far_LoA	-8,47013639	-0,037	0,306
CHR8	15582995	CHR8:15582995	SSF x Far_LoA	-8,08623198	-0,082	0,309
CHR8	15583000	CHR8:15583000	SSF x Far_LoA	-8,47937923	-0,098	0,302
CHR8	15585398	CHR8:15585398	SSF x Far_LoA	-8,19303227	0,019	0,321
CHR8	15585418	CHR8:15585418	SSF x Far_LoA	-10,3936275	0,018	0,295
CHR8	15585462	CHR8:15585462	SSF x Far_LoA	-8,14249813	-0,063	0,318
CHR8	15585474	CHR8:15585474	SSF x Far_LoA	-10,160051	0,052	0,300
CHR8	15587977	CHR8:15587977	SSF x Far_LoA	-8,35979653	0,042	0,316
CHR8	15588005	CHR8:15588005	SSF x Far_LoA	-7,98982855	0,008	0,312
CHR8	15588007	CHR8:15588007	SSF x Far_LoA	-8,86497384	0,053	0,311
CHR8	15588024	CHR8:15588024	SSF x Far_LoA	-9,72510946	-0,009	0,308
CHR8	15588033	CHR8:15588033	SSF x Far_LoA	-9,79201518	-0,026	0,288
CHR8	15588049	CHR8:15588049	SSF x Far_LoA	-8,36568888	0,022	0,316
CHR8	15588133	CHR8:15588133	SSF x Far_LoA	-10,0539736	-0,066	0,291
CHR8	15588184	CHR8:15588184	SSF x Far_LoA	-8,16019521	-0,034	0,307
CHR8	15588194	CHR8:15588194	SSF x Far_LoA	-9,50890364	-0,056	0,313
CHR8	15588200	CHR8:15588200	SSF x Far_LoA	-8,90426525	0,064	0,300
CHR8	15602934	CHR8:15602934	SSF x Far_LoA	-9,83682544	-0,003	0,320
CHR8	15602939	CHR8:15602939	SSF x Far_LoA	-11,1253529	0,035	0,296
CHR8	15616864	CHR8:15616864	SSF x Far_LoA	-5,79246939	-0,055	0,309
CHR8	15617926	CHR8:15617926	SSF x Far_LoA	-8,31264843	0,013	0,310
CHR8	15617949	CHR8:15617949	SSF x Far_LoA	-9,14122136	0,028	0,298
CHR8	15617950	CHR8:15617950	SSF x Far_LoA	-4,84844588	0,090	0,302
CHR8	15617964	CHR8:15617964	SSF x Far_LoA	-8,3370273	0,093	0,311
CHR8	15617966	CHR8:15617966	SSF x Far_LoA	-8,50284284	0,061	0,311
CHR8	15617967	CHR8:15617967	SSF x Far_LoA	-7,7968793	-0,138	0,292
CHR8	15617973	CHR8:15617973	SSF x Far_LoA	-8,09937548	-0,036	0,308
CHR8	15617974	CHR8:15617974	SSF x Far_LoA	-8,89853366	0,087	0,306
CHR8	15623364	CHR8:15623364	SSF x Far_LoA	-10,0382291	0,041	0,295
CHR8	15623512	CHR8:15623512	SSF x Far_LoA	-8,84685783	0,009	0,295
CHR8	15623632	CHR8:15623632	SSF x Far_LoA	-10,5420944	0,025	0,312
CHR8	15628434	CHR8:15628434	SSF x Far_LoA	-7,3706927	-0,140	0,286
CHR8	15628468	CHR8:15628468	SSF x Far_LoA	-5,65738464	0,205	0,285
CHR8	15628532	CHR8:15628532	SSF x Far_LoA	-9,09133626	-0,030	0,308
CHR8	15628550	CHR8:15628550	SSF x Far_LoA	-8,79728378	-0,022	0,301
CHR8	15628560	CHR8:15628560	SSF x Far_LoA	-7,80977595	0,044	0,314
CHR8	15628625	CHR8:15628625	SSF x Far_LoA	-7,67256244	0,133	0,305
CHR8	15628627	CHR8:15628627	SSF x Far_LoA	-9,04625362	0,108	0,309
CHR8	15628635	CHR8:15628635	SSF x Far_LoA	-8,73401739	0,078	0,303
CHR8	15628641	CHR8:15628641	SSF x Far_LoA	-11,9810758	-0,008	0,298
CHR8	15628682	CHR8:15628682	SSF x Far_LoA	-7,09161467	0,145	0,304

CHR8	15628740	CHR8:15628740	SSF x Far_LoA	-11,8897605	0,019	0,305
CHR8	15628765	CHR8:15628765	SSF x Far_LoA	-10,1995326	-0,019	0,302
CHR8	15628788	CHR8:15628788	SSF x Far_LoA	-8,54661204	0,029	0,308
CHR8	1563643	CHR8:1563643	SSF x Far_LoA	-11,7808422	0,003	0,311
CHR8	1563702	CHR8:1563702	SSF x Far_LoA	-11,1433789	-0,037	0,304
CHR8	1563731	CHR8:1563731	SSF x Far_LoA	-11,1934334	-0,036	0,320
CHR8	1563753	CHR8:1563753	SSF x Far_LoA	-9,91719759	-0,042	0,311
CHR8	15637774	CHR8:15637774	SSF x Far_LoA	-6,80845269	-0,125	0,317
CHR8	15638510	CHR8:15638510	SSF x Far_LoA	-7,76409528	0,030	0,299
CHR8	15642444	CHR8:15642444	SSF x Far_LoA	-9,68142713	0,028	0,301
CHR8	15642454	CHR8:15642454	SSF x Far_LoA	-9,17336188	0,011	0,296
CHR8	15642464	CHR8:15642464	SSF x Far_LoA	-9,00207239	-0,021	0,307
CHR8	15642467	CHR8:15642467	SSF x Far_LoA	-9,94540792	0,026	0,308
CHR8	15649112	CHR8:15649112	SSF x Far_LoA	-8,55195798	-0,077	0,313
CHR8	15649187	CHR8:15649187	SSF x Far_LoA	16,6338758	-0,200	0,308
CHR8	15652794	CHR8:15652794	SSF x Far_LoA	-7,73490549	0,008	0,308
CHR8	15652831	CHR8:15652831	SSF x Far_LoA	-5,74582698	0,084	0,314
CHR8	15652862	CHR8:15652862	SSF x Far_LoA	-3,96481756	0,160	0,300
CHR8	15652894	CHR8:15652894	SSF x Far_LoA	-12,2905173	0,090	0,290
CHR8	15652928	CHR8:15652928	SSF x Far_LoA	-1,02170926	0,114	0,296
CHR8	15652951	CHR8:15652951	SSF x Far_LoA	-9,71042347	-0,025	0,306
CHR8	15652963	CHR8:15652963	SSF x Far_LoA	-8,08898687	0,147	0,291
CHR8	15652970	CHR8:15652970	SSF x Far_LoA	-9,26050078	0,065	0,303
CHR8	15652972	CHR8:15652972	SSF x Far_LoA	-10,2538137	0,047	0,301
CHR8	15652993	CHR8:15652993	SSF x Far_LoA	-9,3776875	0,064	0,312
CHR8	15653012	CHR8:15653012	SSF x Far_LoA	-9,03696746	0,117	0,301
CHR8	15653023	CHR8:15653023	SSF x Far_LoA	-10,1776511	0,010	0,311
CHR8	15657777	CHR8:15657777	SSF x Far_LoA	-8,8221157	0,149	0,293
CHR8	15657807	CHR8:15657807	SSF x Far_LoA	-6,4933999	-0,139	0,305
CHR8	15657829	CHR8:15657829	SSF x Far_LoA	-9,25494991	0,025	0,309
CHR8	15657921	CHR8:15657921	SSF x Far_LoA	-6,64136545	0,188	0,289
CHR8	15657955	CHR8:15657955	SSF x Far_LoA	-9,25589987	0,095	0,305
CHR8	15662790	CHR8:15662790	SSF x Far_LoA	-8,70623384	0,030	0,301
CHR8	15662825	CHR8:15662825	SSF x Far_LoA	-3,53540805	0,033	0,299
CHR8	15662826	CHR8:15662826	SSF x Far_LoA	-9,25757337	0,039	0,297
CHR8	15662833	CHR8:15662833	SSF x Far_LoA	-8,95020944	0,099	0,293
CHR8	15667782	CHR8:15667782	SSF x Far_LoA	-1,84537824	-0,010	0,304
CHR8	15667790	CHR8:15667790	SSF x Far_LoA	-10,4426814	0,023	0,310
CHR8	15667836	CHR8:15667836	SSF x Far_LoA	-8,14837033	-0,071	0,307
CHR8	15667978	CHR8:15667978	SSF x Far_LoA	-8,27931627	-0,139	0,286
CHR8	15699082	CHR8:15699082	SSF x Far_LoA	-8,30777829	0,023	0,309
CHR8	15699124	CHR8:15699124	SSF x Far_LoA	-11,5945606	0,031	0,309
CHR8	15699149	CHR8:15699149	SSF x Far_LoA	-6,1954314	0,068	0,304
CHR8	15699151	CHR8:15699151	SSF x Far_LoA	-9,27067242	0,058	0,307
CHR8	15699277	CHR8:15699277	SSF x Far_LoA	-10,985156	-0,051	0,314
CHR8	15699284	CHR8:15699284	SSF x Far_LoA	-10,4964398	0,013	0,303
CHR8	15702697	CHR8:15702697	SSF x Far_LoA	-8,49362762	-0,073	0,302
CHR8	15702733	CHR8:15702733	SSF x Far_LoA	-11,2636589	0,051	0,306
CHR8	15702757	CHR8:15702757	SSF x Far_LoA	-9,22804183	-0,033	0,305
CHR8	15702848	CHR8:15702848	SSF x Far_LoA	-8,69117273	-0,045	0,305
CHR8	15702944	CHR8:15702944	SSF x Far_LoA	-8,71723344	-0,025	0,307
CHR8	15702952	CHR8:15702952	SSF x Far_LoA	-10,442762	0,070	0,300
CHR8	15702967	CHR8:15702967	SSF x Far_LoA	-5,2920377	0,031	0,318

CHR8	15702998	CHR8:15702998	SSF x Far_LoA	-7,8269066	0,198	0,281
CHR8	15705774	CHR8:15705774	SSF x Far_LoA	-10,6391938	-0,058	0,305
CHR8	15705842	CHR8:15705842	SSF x Far_LoA	-11,188623	0,032	0,310
CHR8	15706001	CHR8:15706001	SSF x Far_LoA	-7,99627137	0,070	0,306
CHR8	15706016	CHR8:15706016	SSF x Far_LoA	-11,1000364	0,074	0,295
CHR8	15707706	CHR8:15707706	SSF x Far_LoA	-6,60672009	0,172	0,300
CHR8	15707773	CHR8:15707773	SSF x Far_LoA	-9,68536343	0,082	0,302
CHR8	15707794	CHR8:15707794	SSF x Far_LoA	-9,59494659	0,148	0,297
CHR8	15707795	CHR8:15707795	SSF x Far_LoA	-11,1523273	-0,115	0,309
CHR8	15712606	CHR8:15712606	SSF x Far_LoA	-10,0543714	-0,077	0,315
CHR8	15712645	CHR8:15712645	SSF x Far_LoA	-10,1716201	-0,018	0,302
CHR8	15712665	CHR8:15712665	SSF x Far_LoA	-9,10849483	0,163	0,284
CHR8	15712687	CHR8:15712687	SSF x Far_LoA	-9,68750403	0,157	0,300
CHR8	15712693	CHR8:15712693	SSF x Far_LoA	-9,14459119	0,110	0,309
CHR8	15712726	CHR8:15712726	SSF x Far_LoA	-9,63574237	-0,026	0,309
CHR8	15714111	CHR8:15714111	SSF x Far_LoA	-9,37899452	-0,043	0,303
CHR8	15714182	CHR8:15714182	SSF x Far_LoA	-10,3031375	-0,016	0,316
CHR8	15717833	CHR8:15717833	SSF x Far_LoA	-8,89801075	0,113	0,298
CHR8	15717970	CHR8:15717970	SSF x Far_LoA	-7,76899257	-0,033	0,313
CHR8	15717974	CHR8:15717974	SSF x Far_LoA	-12,2465704	0,014	0,316
CHR8	15721581	CHR8:15721581	SSF x Far_LoA	-9,97526998	0,012	0,297
CHR8	15734780	CHR8:15734780	SSF x Far_LoA	-8,42230093	0,008	0,314
CHR8	15734804	CHR8:15734804	SSF x Far_LoA	-11,4571479	-0,040	0,306
CHR8	15734858	CHR8:15734858	SSF x Far_LoA	-7,85230463	-0,091	0,301
CHR8	15734890	CHR8:15734890	SSF x Far_LoA	-8,78447847	-0,070	0,313
CHR8	15734904	CHR8:15734904	SSF x Far_LoA	-7,48150297	-0,119	0,288
CHR8	15734926	CHR8:15734926	SSF x Far_LoA	-10,4244742	0,114	0,308
CHR8	15734974	CHR8:15734974	SSF x Far_LoA	-11,4589835	-0,070	0,298
CHR8	15734997	CHR8:15734997	SSF x Far_LoA	-11,4224663	-0,089	0,310
CHR8	15737164	CHR8:15737164	SSF x Far_LoA	-9,14743225	0,168	0,298
CHR8	15737957	CHR8:15737957	SSF x Far_LoA	-10,4441801	0,119	0,293
CHR8	15743524	CHR8:15743524	SSF x Far_LoA	-0,69581446	0,245	0,268
CHR8	15748410	CHR8:15748410	SSF x Far_LoA	-9,75507691	0,002	0,321
CHR8	15755980	CHR8:15755980	SSF x Far_LoA	-8,76814032	-0,089	0,308
CHR8	15756052	CHR8:15756052	SSF x Far_LoA	-8,46644782	0,072	0,299
CHR8	15757593	CHR8:15757593	SSF x Far_LoA	-6,95906056	0,121	0,292
CHR8	15757597	CHR8:15757597	SSF x Far_LoA	-8,36287293	0,119	0,300
CHR8	15759437	CHR8:15759437	SSF x Far_LoA	-6,72025974	-0,122	0,296
CHR8	15759553	CHR8:15759553	SSF x Far_LoA	-11,6295245	-0,074	0,296
CHR8	15763885	CHR8:15763885	SSF x Far_LoA	-11,8445915	0,075	0,288
CHR8	15764031	CHR8:15764031	SSF x Far_LoA	-10,4035495	0,088	0,297
CHR8	15777637	CHR8:15777637	SSF x Far_LoA	-9,20110772	-0,052	0,314
CHR8	15777741	CHR8:15777741	SSF x Far_LoA	-10,4691061	0,059	0,291
CHR8	15777874	CHR8:15777874	SSF x Far_LoA	-11,0945291	-0,087	0,318
CHR8	15794417	CHR8:15794417	SSF x Far_LoA	-10,4395339	-0,109	0,309
CHR8	15794418	CHR8:15794418	SSF x Far_LoA	-9,12860796	-0,075	0,296
CHR8	15794484	CHR8:15794484	SSF x Far_LoA	-9,57783992	-0,078	0,307
CHR8	15798655	CHR8:15798655	SSF x Far_LoA	-10,9885324	0,076	0,301
CHR8	15798688	CHR8:15798688	SSF x Far_LoA	-10,6266199	-0,052	0,303
CHR8	15800684	CHR8:15800684	SSF x Far_LoA	-8,51754186	0,042	0,312
CHR8	15800738	CHR8:15800738	SSF x Far_LoA	-9,46691795	0,137	0,297
CHR8	15803301	CHR8:15803301	SSF x Far_LoA	-10,2386903	-0,043	0,306
CHR8	15806274	CHR8:15806274	SSF x Far_LoA	-10,630033	-0,059	0,312

CHR8	15810434	CHR8:15810434	SSF x Far_LoA	-9,37869934	0,048	0,312
CHR8	15824280	CHR8:15824280	SSF x Far_LoA	-4,07032189	-0,048	0,314
CHR8	15824321	CHR8:15824321	SSF x Far_LoA	-11,4770735	-0,038	0,302
CHR8	15824356	CHR8:15824356	SSF x Far_LoA	-9,10435076	-0,039	0,309
CHR8	15824361	CHR8:15824361	SSF x Far_LoA	-9,32768837	0,039	0,295
CHR8	15824384	CHR8:15824384	SSF x Far_LoA	-8,46101832	0,011	0,316
CHR8	15824397	CHR8:15824397	SSF x Far_LoA	-9,57517661	-0,026	0,301
CHR8	15824400	CHR8:15824400	SSF x Far_LoA	-9,50625391	-0,110	0,320
CHR8	15824460	CHR8:15824460	SSF x Far_LoA	-11,1594291	-0,024	0,317
CHR8	15824484	CHR8:15824484	SSF x Far_LoA	-8,09063841	0,045	0,294
CHR8	15824505	CHR8:15824505	SSF x Far_LoA	-10,8289027	0,039	0,306
CHR8	15824520	CHR8:15824520	SSF x Far_LoA	-10,7687754	0,013	0,306
CHR8	15824541	CHR8:15824541	SSF x Far_LoA	-9,06808737	0,069	0,291
CHR8	15834688	CHR8:15834688	SSF x Far_LoA	-11,2996301	0,044	0,308
CHR8	15834715	CHR8:15834715	SSF x Far_LoA	-9,21478961	-0,049	0,308
CHR8	15834716	CHR8:15834716	SSF x Far_LoA	-11,0534044	-0,053	0,300
CHR8	15834734	CHR8:15834734	SSF x Far_LoA	-10,2750962	-0,054	0,305
CHR8	15834810	CHR8:15834810	SSF x Far_LoA	-9,03653298	-0,008	0,309
CHR8	15834812	CHR8:15834812	SSF x Far_LoA	-7,64459484	0,148	0,300
CHR8	15834900	CHR8:15834900	SSF x Far_LoA	-8,93154163	0,026	0,311
CHR8	15834901	CHR8:15834901	SSF x Far_LoA	-8,52067623	-0,125	0,294
CHR8	15834904	CHR8:15834904	SSF x Far_LoA	-11,8786227	-0,074	0,302
CHR8	15841626	CHR8:15841626	SSF x Far_LoA	-10,5290869	-0,004	0,299
CHR8	15844732	CHR8:15844732	SSF x Far_LoA	-5,46182035	-0,247	0,291
CHR8	15848549	CHR8:15848549	SSF x Far_LoA	-10,1098717	0,022	0,312
CHR8	15848931	CHR8:15848931	SSF x Far_LoA	-6,79495833	-0,019	0,316
CHR8	15873042	CHR8:15873042	SSF x Far_LoA	-10,9441431	-0,006	0,308
CHR8	15873181	CHR8:15873181	SSF x Far_LoA	-11,3878707	0,055	0,309
CHR8	15878171	CHR8:15878171	SSF x Far_LoA	-10,0124253	0,029	0,315
CHR8	15878205	CHR8:15878205	SSF x Far_LoA	-9,41642368	-0,003	0,312
CHR8	15878231	CHR8:15878231	SSF x Far_LoA	-10,3609091	0,062	0,310
CHR8	15878331	CHR8:15878331	SSF x Far_LoA	-10,7967495	0,065	0,298
CHR8	15878377	CHR8:15878377	SSF x Far_LoA	-7,42155451	0,037	0,309
CHR8	15881091	CHR8:15881091	SSF x Far_LoA	-12,212327	-0,003	0,305
CHR8	15884508	CHR8:15884508	SSF x Far_LoA	-8,43732234	-0,044	0,309
CHR8	15884540	CHR8:15884540	SSF x Far_LoA	-10,0965746	0,024	0,310
CHR8	15884549	CHR8:15884549	SSF x Far_LoA	-9,83712842	0,064	0,308
CHR8	15890376	CHR8:15890376	SSF x Far_LoA	-5,01048661	0,051	0,299
CHR8	15890477	CHR8:15890477	SSF x Far_LoA	-10,4742547	-0,062	0,317
CHR8	15890493	CHR8:15890493	SSF x Far_LoA	-10,2438624	-0,062	0,321
CHR8	15901236	CHR8:15901236	SSF x Far_LoA	-10,9749207	-0,101	0,304
CHR8	15901257	CHR8:15901257	SSF x Far_LoA	-6,65649746	-0,020	0,303
CHR8	15901263	CHR8:15901263	SSF x Far_LoA	-9,03547666	-0,022	0,300
CHR8	15901279	CHR8:15901279	SSF x Far_LoA	-7,99477247	-0,106	0,299
CHR8	15901319	CHR8:15901319	SSF x Far_LoA	-7,44083723	-0,122	0,307
CHR8	15909984	CHR8:15909984	SSF x Far_LoA	-8,83652425	-0,067	0,299
CHR8	15910079	CHR8:15910079	SSF x Far_LoA	-10,5348225	0,121	0,296
CHR8	1591452	CHR8:1591452	SSF x Far_LoA	-9,5008022	-0,047	0,314
CHR8	1591455	CHR8:1591455	SSF x Far_LoA	-9,79092171	-0,077	0,319
CHR8	15933390	CHR8:15933390	SSF x Far_LoA	-9,49407489	-0,093	0,308
CHR8	15933412	CHR8:15933412	SSF x Far_LoA	-10,1021178	-0,048	0,314
CHR8	15933509	CHR8:15933509	SSF x Far_LoA	4,84528766	-0,119	0,322
CHR8	15933654	CHR8:15933654	SSF x Far_LoA	-10,0693588	-0,023	0,308

CHR8	15936827	CHR8:15936827	SSF x Far_LoA	-7,91812958	0,002	0,305
CHR8	15939230	CHR8:15939230	SSF x Far_LoA	-7,53175446	-0,099	0,320
CHR8	15939254	CHR8:15939254	SSF x Far_LoA	-6,17229049	-0,160	0,299
CHR8	15939263	CHR8:15939263	SSF x Far_LoA	-6,89902394	-0,018	0,317
CHR8	15939302	CHR8:15939302	SSF x Far_LoA	-9,95424889	-0,046	0,303
CHR8	15939313	CHR8:15939313	SSF x Far_LoA	-9,01650357	0,082	0,318
CHR8	15940963	CHR8:15940963	SSF x Far_LoA	-12,1150315	0,002	0,298
CHR8	15949462	CHR8:15949462	SSF x Far_LoA	-9,24143181	0,092	0,303
CHR8	15949531	CHR8:15949531	SSF x Far_LoA	-11,404611	0,065	0,306
CHR8	15985409	CHR8:15985409	SSF x Far_LoA	-2,16098654	0,143	0,308
CHR8	15985411	CHR8:15985411	SSF x Far_LoA	-7,21673624	0,164	0,291
CHR8	15985556	CHR8:15985556	SSF x Far_LoA	-8,56232871	0,108	0,305
CHR8	15985557	CHR8:15985557	SSF x Far_LoA	-7,03416738	-0,100	0,313
CHR8	15985574	CHR8:15985574	SSF x Far_LoA	-11,3550275	-0,055	0,311
CHR8	15997704	CHR8:15997704	SSF x Far_LoA	-8,2589634	0,095	0,298
CHR8	15997706	CHR8:15997706	SSF x Far_LoA	-9,30288826	-0,025	0,321
CHR8	15997745	CHR8:15997745	SSF x Far_LoA	-6,96979284	0,069	0,295
CHR8	15997747	CHR8:15997747	SSF x Far_LoA	-6,45266685	0,168	0,303
CHR8	16000637	CHR8:16000637	SSF x Far_LoA	-10,6602574	0,001	0,313
CHR8	16000682	CHR8:16000682	SSF x Far_LoA	-9,44518168	-0,061	0,301
CHR8	16000684	CHR8:16000684	SSF x Far_LoA	-9,82482138	-0,030	0,297
CHR8	16000785	CHR8:16000785	SSF x Far_LoA	-9,7002812	0,112	0,296
CHR8	16005519	CHR8:16005519	SSF x Far_LoA	-10,8803944	0,044	0,303
CHR8	16012289	CHR8:16012289	SSF x Far_LoA	-8,78356755	-0,077	0,305
CHR8	16012442	CHR8:16012442	SSF x Far_LoA	-10,5814256	0,013	0,303
CHR8	16020704	CHR8:16020704	SSF x Far_LoA	-8,25833761	-0,058	0,302
CHR8	16020845	CHR8:16020845	SSF x Far_LoA	-7,88274427	-0,119	0,316
CHR8	16020890	CHR8:16020890	SSF x Far_LoA	-10,1942819	-0,050	0,305
CHR8	16022776	CHR8:16022776	SSF x Far_LoA	-8,95862149	0,019	0,309
CHR8	16022779	CHR8:16022779	SSF x Far_LoA	-9,47959161	0,001	0,306
CHR8	16022790	CHR8:16022790	SSF x Far_LoA	-6,2069404	-0,042	0,305
CHR8	16022874	CHR8:16022874	SSF x Far_LoA	-9,05336139	0,048	0,308
CHR8	16030373	CHR8:16030373	SSF x Far_LoA	-10,8812821	0,018	0,306
CHR8	16030475	CHR8:16030475	SSF x Far_LoA	-11,4383033	0,022	0,308
CHR8	16030491	CHR8:16030491	SSF x Far_LoA	-11,5417342	-0,008	0,305
CHR8	16041257	CHR8:16041257	SSF x Far_LoA	-6,13033229	-0,031	0,322
CHR8	16041283	CHR8:16041283	SSF x Far_LoA	-11,2078097	-0,062	0,305
CHR8	16041286	CHR8:16041286	SSF x Far_LoA	-5,11667747	-0,040	0,307
CHR8	16041335	CHR8:16041335	SSF x Far_LoA	-8,53828719	-0,031	0,312
CHR8	16042153	CHR8:16042153	SSF x Far_LoA	-8,23762681	-0,066	0,314
CHR8	16042156	CHR8:16042156	SSF x Far_LoA	-8,62424271	-0,053	0,310
CHR8	16043648	CHR8:16043648	SSF x Far_LoA	-9,12414526	0,133	0,300
CHR8	16073804	CHR8:16073804	SSF x Far_LoA	-8,81226077	0,052	0,310
CHR8	16073827	CHR8:16073827	SSF x Far_LoA	-10,9635144	-0,034	0,312
CHR8	16073832	CHR8:16073832	SSF x Far_LoA	-11,3540123	0,054	0,299
CHR8	16073908	CHR8:16073908	SSF x Far_LoA	-10,6874383	-0,143	0,300
CHR8	16073935	CHR8:16073935	SSF x Far_LoA	-7,5635367	-0,170	0,294
CHR8	16073984	CHR8:16073984	SSF x Far_LoA	-9,53857446	-0,089	0,297
CHR8	16079940	CHR8:16079940	SSF x Far_LoA	-8,06014947	-0,013	0,321
CHR8	16080055	CHR8:16080055	SSF x Far_LoA	-9,18885645	0,069	0,307
CHR8	16080371	CHR8:16080371	SSF x Far_LoA	-9,56647345	-0,043	0,318
CHR8	16081434	CHR8:16081434	SSF x Far_LoA	-11,7975184	0,090	0,301
CHR8	16081525	CHR8:16081525	SSF x Far_LoA	-10,6658083	0,105	0,291

CHR8	16081932	CHR8:16081932	SSF x Far_LoA	-9,92051974	0,023	0,309
CHR8	16089380	CHR8:16089380	SSF x Far_LoA	-7,89453305	-0,013	0,316
CHR8	16089398	CHR8:16089398	SSF x Far_LoA	-7,90303434	-0,061	0,308
CHR8	16155198	CHR8:16155198	SSF x Far_LoA	-10,490113	0,033	0,294
CHR8	16155210	CHR8:16155210	SSF x Far_LoA	-11,0583392	0,075	0,305
CHR8	16156006	CHR8:16156006	SSF x Far_LoA	-7,81213955	0,017	0,305
CHR8	16156015	CHR8:16156015	SSF x Far_LoA	-12,0481762	-0,008	0,301
CHR8	16158871	CHR8:16158871	SSF x Far_LoA	-10,4856291	-0,038	0,308
CHR8	16158914	CHR8:16158914	SSF x Far_LoA	-10,6246621	0,055	0,303
CHR8	16164833	CHR8:16164833	SSF x Far_LoA	-8,49148879	-0,150	0,299
CHR8	16165051	CHR8:16165051	SSF x Far_LoA	-4,68841717	-0,241	0,285
CHR8	16176678	CHR8:16176678	SSF x Far_LoA	-10,7575971	-0,124	0,295
CHR8	16176685	CHR8:16176685	SSF x Far_LoA	-8,53694876	-0,069	0,307
CHR8	16176762	CHR8:16176762	SSF x Far_LoA	-10,0141259	-0,092	0,303
CHR8	16177532	CHR8:16177532	SSF x Far_LoA	-7,79685574	-0,148	0,308
CHR8	16177533	CHR8:16177533	SSF x Far_LoA	-1,42738621	-0,152	0,301
CHR8	16196040	CHR8:16196040	SSF x Far_LoA	-8,4272777	-0,148	0,301
CHR8	16196123	CHR8:16196123	SSF x Far_LoA	-11,4277379	-0,074	0,308
CHR8	16196134	CHR8:16196134	SSF x Far_LoA	-10,4175158	-0,067	0,295
CHR8	16196167	CHR8:16196167	SSF x Far_LoA	-11,6234894	-0,007	0,309
CHR8	16207924	CHR8:16207924	SSF x Far_LoA	-8,45167717	0,036	0,314
CHR8	16207927	CHR8:16207927	SSF x Far_LoA	-9,05666997	0,032	0,311
CHR8	16207956	CHR8:16207956	SSF x Far_LoA	-6,1963811	-0,241	0,305
CHR8	16207974	CHR8:16207974	SSF x Far_LoA	-11,9083255	-0,070	0,297
CHR8	16208074	CHR8:16208074	SSF x Far_LoA	-8,05721401	0,084	0,309
CHR8	16215528	CHR8:16215528	SSF x Far_LoA	-8,502092	0,082	0,320
CHR8	16215582	CHR8:16215582	SSF x Far_LoA	-8,33356253	0,128	0,312
CHR8	16215605	CHR8:16215605	SSF x Far_LoA	-6,78313835	-0,190	0,300
CHR8	16215608	CHR8:16215608	SSF x Far_LoA	-8,84457867	0,035	0,319
CHR8	16215656	CHR8:16215656	SSF x Far_LoA	-10,2953173	-0,019	0,301
CHR8	16215669	CHR8:16215669	SSF x Far_LoA	-7,05236007	0,126	0,314
CHR8	16215686	CHR8:16215686	SSF x Far_LoA	-8,74084856	-0,106	0,319
CHR8	16215707	CHR8:16215707	SSF x Far_LoA	-9,248354	0,051	0,319
CHR8	16215783	CHR8:16215783	SSF x Far_LoA	-8,11558233	-0,136	0,317
CHR8	16215796	CHR8:16215796	SSF x Far_LoA	-10,7229915	0,075	0,303
CHR8	16215824	CHR8:16215824	SSF x Far_LoA	-9,62169996	0,057	0,299
CHR8	16215826	CHR8:16215826	SSF x Far_LoA	-7,74444468	0,086	0,309
CHR8	16216796	CHR8:16216796	SSF x Far_LoA	-8,6843489	0,096	0,308
CHR8	16216812	CHR8:16216812	SSF x Far_LoA	-8,08821462	0,057	0,314
CHR8	16216820	CHR8:16216820	SSF x Far_LoA	-7,26502793	0,049	0,309
CHR8	16216844	CHR8:16216844	SSF x Far_LoA	-8,82589698	0,055	0,318
CHR8	16216879	CHR8:16216879	SSF x Far_LoA	-11,0851997	0,006	0,315
CHR8	16217363	CHR8:16217363	SSF x Far_LoA	-6,50417684	0,018	0,310
CHR8	16217460	CHR8:16217460	SSF x Far_LoA	-11,6244153	-0,055	0,302
CHR8	16217487	CHR8:16217487	SSF x Far_LoA	-10,1061121	0,047	0,320
CHR8	16225416	CHR8:16225416	SSF x Far_LoA	-10,3070063	0,056	0,310
CHR8	16225446	CHR8:16225446	SSF x Far_LoA	-7,22426128	0,078	0,319
CHR8	16225447	CHR8:16225447	SSF x Far_LoA	-10,1066098	-0,075	0,315
CHR8	16225805	CHR8:16225805	SSF x Far_LoA	-10,6538766	-0,037	0,300
CHR8	16225910	CHR8:16225910	SSF x Far_LoA	-8,92197595	-0,066	0,318
CHR8	16225936	CHR8:16225936	SSF x Far_LoA	-10,0545028	-0,006	0,323
CHR8	16229898	CHR8:16229898	SSF x Far_LoA	-11,4255281	-0,014	0,312
CHR8	16238076	CHR8:16238076	SSF x Far_LoA	-7,69330034	-0,044	0,314

CHR8	16238138	CHR8:16238138	SSF x Far_LoA	-10,7363803	-0,076	0,310
CHR8	16238160	CHR8:16238160	SSF x Far_LoA	-7,31030803	0,047	0,318
CHR8	16238231	CHR8:16238231	SSF x Far_LoA	-11,2196276	-0,052	0,303
CHR8	16238250	CHR8:16238250	SSF x Far_LoA	-10,7448119	-0,027	0,311
CHR8	16238441	CHR8:16238441	SSF x Far_LoA	-10,038604	-0,016	0,316
CHR8	16254615	CHR8:16254615	SSF x Far_LoA	-11,3830166	0,072	0,312
CHR8	16258007	CHR8:16258007	SSF x Far_LoA	-10,3392588	-0,043	0,314
CHR8	16258070	CHR8:16258070	SSF x Far_LoA	-10,7652059	-0,054	0,296
CHR8	16258101	CHR8:16258101	SSF x Far_LoA	-8,64088302	0,054	0,319
CHR8	16258105	CHR8:16258105	SSF x Far_LoA	-8,73517528	0,153	0,303
CHR8	16258559	CHR8:16258559	SSF x Far_LoA	-8,4448473	0,027	0,313
CHR8	16284092	CHR8:16284092	SSF x Far_LoA	-10,110011	0,062	0,303
CHR8	16306265	CHR8:16306265	SSF x Far_LoA	-11,4052942	0,036	0,319
CHR8	16306305	CHR8:16306305	SSF x Far_LoA	-1,60108179	0,147	0,299
CHR8	16306346	CHR8:16306346	SSF x Far_LoA	-7,67564021	0,107	0,302
CHR8	16316607	CHR8:16316607	SSF x Far_LoA	-10,1970187	0,075	0,308
CHR8	16316614	CHR8:16316614	SSF x Far_LoA	-10,4684403	-0,042	0,300
CHR8	16322752	CHR8:16322752	SSF x Far_LoA	-10,607518	0,020	0,329
CHR8	16328136	CHR8:16328136	SSF x Far_LoA	-8,7783539	-0,025	0,303
CHR8	16328420	CHR8:16328420	SSF x Far_LoA	-11,0322486	0,004	0,303
CHR8	16336952	CHR8:16336952	SSF x Far_LoA	-9,65312578	-0,117	0,304
CHR8	16336960	CHR8:16336960	SSF x Far_LoA	-8,03639416	0,126	0,304
CHR8	16336963	CHR8:16336963	SSF x Far_LoA	-4,65963842	0,141	0,301
CHR8	16337207	CHR8:16337207	SSF x Far_LoA	-9,3508124	-0,130	0,293
CHR8	16342328	CHR8:16342328	SSF x Far_LoA	-7,94937059	-0,058	0,311
CHR8	16342331	CHR8:16342331	SSF x Far_LoA	-2,85032073	-0,158	0,299
CHR8	16342420	CHR8:16342420	SSF x Far_LoA	-9,03954878	-0,001	0,300
CHR8	1635118	CHR8:1635118	SSF x Far_LoA	-10,9132083	0,063	0,306
CHR8	1635146	CHR8:1635146	SSF x Far_LoA	-10,4246895	0,078	0,314
CHR8	1635217	CHR8:1635217	SSF x Far_LoA	-7,99054798	0,081	0,309
CHR8	1635309	CHR8:1635309	SSF x Far_LoA	-10,4790872	0,047	0,316
CHR8	1636095	CHR8:1636095	SSF x Far_LoA	-9,0275997	-0,101	0,323
CHR8	1636113	CHR8:1636113	SSF x Far_LoA	-11,2278497	0,082	0,297
CHR8	1636138	CHR8:1636138	SSF x Far_LoA	-8,31564469	0,008	0,320
CHR8	1636149	CHR8:1636149	SSF x Far_LoA	-11,0516724	-0,031	0,313
CHR8	1636201	CHR8:1636201	SSF x Far_LoA	-9,71293871	-0,118	0,293
CHR8	1636213	CHR8:1636213	SSF x Far_LoA	-8,21138926	0,069	0,314
CHR8	1636225	CHR8:1636225	SSF x Far_LoA	-7,1807164	-0,140	0,299
CHR8	1636240	CHR8:1636240	SSF x Far_LoA	-4,03650394	0,123	0,299
CHR8	16366126	CHR8:16366126	SSF x Far_LoA	-8,16530014	0,079	0,309
CHR8	16366469	CHR8:16366469	SSF x Far_LoA	-9,55328687	0,095	0,309
CHR8	16377297	CHR8:16377297	SSF x Far_LoA	-9,70872794	-0,061	0,311
CHR8	16377566	CHR8:16377566	SSF x Far_LoA	-7,3854153	0,121	0,301
CHR8	16377647	CHR8:16377647	SSF x Far_LoA	-8,99066179	-0,091	0,305
CHR8	16378276	CHR8:16378276	SSF x Far_LoA	-6,80676338	0,187	0,294
CHR8	16378355	CHR8:16378355	SSF x Far_LoA	-9,78052704	-0,111	0,288
CHR8	16378365	CHR8:16378365	SSF x Far_LoA	-8,43360492	0,167	0,293
CHR8	16384112	CHR8:16384112	SSF x Far_LoA	-10,8158462	0,036	0,318
CHR8	16384133	CHR8:16384133	SSF x Far_LoA	-6,15332915	-0,069	0,298
CHR8	16384216	CHR8:16384216	SSF x Far_LoA	-5,43652397	0,098	0,302
CHR8	16384278	CHR8:16384278	SSF x Far_LoA	-9,57219838	0,174	0,296
CHR8	16393762	CHR8:16393762	SSF x Far_LoA	-9,94347833	0,062	0,310
CHR8	16393793	CHR8:16393793	SSF x Far_LoA	-9,03627997	0,099	0,295

CHR8	16393797	CHR8:16393797	SSF x Far_LoA	-6,88208068	0,016	0,303
CHR8	16393803	CHR8:16393803	SSF x Far_LoA	-8,30837252	0,083	0,302
CHR8	16393813	CHR8:16393813	SSF x Far_LoA	-8,78367771	0,065	0,306
CHR8	16393845	CHR8:16393845	SSF x Far_LoA	-11,1440193	0,035	0,306
CHR8	16393846	CHR8:16393846	SSF x Far_LoA	-9,25099369	-0,001	0,313
CHR8	16398177	CHR8:16398177	SSF x Far_LoA	-6,90089856	-0,001	0,312
CHR8	16398187	CHR8:16398187	SSF x Far_LoA	-9,84611103	0,072	0,297
CHR8	16398189	CHR8:16398189	SSF x Far_LoA	-9,26215272	0,062	0,292
CHR8	16398233	CHR8:16398233	SSF x Far_LoA	-6,7379734	-0,032	0,311
CHR8	16399949	CHR8:16399949	SSF x Far_LoA	-8,72821634	-0,021	0,301
CHR8	16399971	CHR8:16399971	SSF x Far_LoA	-7,2310998	0,072	0,320
CHR8	16404189	CHR8:16404189	SSF x Far_LoA	-9,35146593	-0,094	0,297
CHR8	16404198	CHR8:16404198	SSF x Far_LoA	-7,80735419	-0,115	0,299
CHR8	16404201	CHR8:16404201	SSF x Far_LoA	-8,48619978	-0,143	0,289
CHR8	16410886	CHR8:16410886	SSF x Far_LoA	-9,45892879	0,013	0,314
CHR8	16410932	CHR8:16410932	SSF x Far_LoA	-9,14242206	-0,092	0,305
CHR8	16411078	CHR8:16411078	SSF x Far_LoA	-10,3611575	-0,134	0,303
CHR8	16411115	CHR8:16411115	SSF x Far_LoA	-9,91541501	0,034	0,301
CHR8	16411117	CHR8:16411117	SSF x Far_LoA	-9,45668928	-0,024	0,319
CHR8	16414145	CHR8:16414145	SSF x Far_LoA	-9,86244355	0,063	0,302
CHR8	16414182	CHR8:16414182	SSF x Far_LoA	-7,47078107	0,136	0,307
CHR8	16414226	CHR8:16414226	SSF x Far_LoA	-10,5443098	0,003	0,311
CHR8	16416250	CHR8:16416250	SSF x Far_LoA	-9,92964267	-0,105	0,303
CHR8	16416256	CHR8:16416256	SSF x Far_LoA	-8,49591587	0,020	0,309
CHR8	16416290	CHR8:16416290	SSF x Far_LoA	-8,46831243	-0,115	0,302
CHR8	16416320	CHR8:16416320	SSF x Far_LoA	-8,54827755	-0,137	0,305
CHR8	16418391	CHR8:16418391	SSF x Far_LoA	-12,6139312	-0,083	0,282
CHR8	16420674	CHR8:16420674	SSF x Far_LoA	-9,56836603	-0,047	0,312
CHR8	16420675	CHR8:16420675	SSF x Far_LoA	-9,60509063	-0,071	0,310
CHR8	16423396	CHR8:16423396	SSF x Far_LoA	-10,6858629	-0,050	0,291
CHR8	16423457	CHR8:16423457	SSF x Far_LoA	-10,9862895	0,053	0,314
CHR8	16423484	CHR8:16423484	SSF x Far_LoA	-6,69437565	0,138	0,304
CHR8	1643481	CHR8:1643481	SSF x Far_LoA	-11,199373	-0,048	0,300
CHR8	1643579	CHR8:1643579	SSF x Far_LoA	-11,5389852	-0,023	0,293
CHR8	16437633	CHR8:16437633	SSF x Far_LoA	-8,18891725	-0,093	0,313
CHR8	16447132	CHR8:16447132	SSF x Far_LoA	-10,6939087	-0,048	0,307
CHR8	16447344	CHR8:16447344	SSF x Far_LoA	-8,13881572	-0,082	0,320
CHR8	16458180	CHR8:16458180	SSF x Far_LoA	-10,4063512	-0,033	0,302
CHR8	16458184	CHR8:16458184	SSF x Far_LoA	-8,84974685	0,013	0,308
CHR8	16479866	CHR8:16479866	SSF x Far_LoA	-10,9401289	-0,081	0,298
CHR8	16485223	CHR8:16485223	SSF x Far_LoA	-9,20931903	0,039	0,297
CHR8	16487322	CHR8:16487322	SSF x Far_LoA	-9,60990815	0,069	0,293
CHR8	16489723	CHR8:16489723	SSF x Far_LoA	-8,17411379	-0,050	0,309
CHR8	16494972	CHR8:16494972	SSF x Far_LoA	-10,3754308	-0,005	0,300
CHR8	16494988	CHR8:16494988	SSF x Far_LoA	-8,3351118	0,206	0,297
CHR8	16495053	CHR8:16495053	SSF x Far_LoA	-10,3316114	0,044	0,313
CHR8	16495093	CHR8:16495093	SSF x Far_LoA	-8,79664114	-0,011	0,307
CHR8	16495116	CHR8:16495116	SSF x Far_LoA	-9,49271957	0,064	0,310
CHR8	16495123	CHR8:16495123	SSF x Far_LoA	-9,34134627	0,065	0,304
CHR8	16495124	CHR8:16495124	SSF x Far_LoA	-6,43309891	0,100	0,307
CHR8	16505961	CHR8:16505961	SSF x Far_LoA	-7,63661433	-0,147	0,291
CHR8	16508781	CHR8:16508781	SSF x Far_LoA	-1,06732258	-0,064	0,308
CHR8	16508796	CHR8:16508796	SSF x Far_LoA	-9,56213222	0,039	0,293

CHR8	16520857	CHR8:16520857	SSF x Far_LoA	-10,3458557	0,089	0,301
CHR8	16520996	CHR8:16520996	SSF x Far_LoA	-8,97481518	0,091	0,311
CHR8	16547040	CHR8:16547040	SSF x Far_LoA	-7,82738018	0,106	0,310
CHR8	16547051	CHR8:16547051	SSF x Far_LoA	-7,24398147	-0,213	0,280
CHR8	16547108	CHR8:16547108	SSF x Far_LoA	-9,79214608	0,159	0,288
CHR8	16547116	CHR8:16547116	SSF x Far_LoA	-5,87539123	0,177	0,308
CHR8	16547248	CHR8:16547248	SSF x Far_LoA	-8,29686415	0,052	0,309
CHR8	16547249	CHR8:16547249	SSF x Far_LoA	-9,29961229	-0,010	0,314
CHR8	16547253	CHR8:16547253	SSF x Far_LoA	-9,79083357	-0,010	0,330
CHR8	16547297	CHR8:16547297	SSF x Far_LoA	-7,62773518	-0,020	0,320
CHR8	16550341	CHR8:16550341	SSF x Far_LoA	-8,36964447	-0,045	0,324
CHR8	16550346	CHR8:16550346	SSF x Far_LoA	-10,9122625	-0,026	0,308
CHR8	16550353	CHR8:16550353	SSF x Far_LoA	-11,8677624	-0,052	0,300
CHR8	16550393	CHR8:16550393	SSF x Far_LoA	-9,92893095	-0,043	0,305
CHR8	16558378	CHR8:16558378	SSF x Far_LoA	-9,34838494	0,052	0,297
CHR8	1656258	CHR8:1656258	SSF x Far_LoA	-9,68526287	0,012	0,312
CHR8	16563985	CHR8:16563985	SSF x Far_LoA	-7,26451777	-0,059	0,311
CHR8	16564015	CHR8:16564015	SSF x Far_LoA	-9,37808861	-0,012	0,302
CHR8	16566781	CHR8:16566781	SSF x Far_LoA	-10,6223048	0,089	0,313
CHR8	16568996	CHR8:16568996	SSF x Far_LoA	-7,93403645	0,149	0,304
CHR8	16569175	CHR8:16569175	SSF x Far_LoA	-5,37137679	-0,001	0,311
CHR8	16569256	CHR8:16569256	SSF x Far_LoA	-9,26021869	0,037	0,287
CHR8	16573960	CHR8:16573960	SSF x Far_LoA	-8,97212074	0,086	0,295
CHR8	16574014	CHR8:16574014	SSF x Far_LoA	-10,8855513	-0,006	0,308
CHR8	16574795	CHR8:16574795	SSF x Far_LoA	-10,5373783	0,056	0,304
CHR8	16574814	CHR8:16574814	SSF x Far_LoA	-10,4502297	-0,026	0,286
CHR8	16578640	CHR8:16578640	SSF x Far_LoA	-10,021428	0,101	0,286
CHR8	16579321	CHR8:16579321	SSF x Far_LoA	-9,73602267	0,019	0,297
CHR8	16591562	CHR8:16591562	SSF x Far_LoA	-10,7800492	-0,075	0,291
CHR8	16591659	CHR8:16591659	SSF x Far_LoA	-6,33214921	-0,038	0,293
CHR8	16591660	CHR8:16591660	SSF x Far_LoA	-8,62756367	-0,057	0,307
CHR8	16591693	CHR8:16591693	SSF x Far_LoA	-8,36309551	-0,057	0,291
CHR8	16591696	CHR8:16591696	SSF x Far_LoA	-9,08135291	-0,042	0,301
CHR8	16604669	CHR8:16604669	SSF x Far_LoA	-8,53411348	0,026	0,320
CHR8	16604672	CHR8:16604672	SSF x Far_LoA	-9,50655886	-0,099	0,305
CHR8	16604722	CHR8:16604722	SSF x Far_LoA	-9,92947279	-0,073	0,310
CHR8	16619063	CHR8:16619063	SSF x Far_LoA	-10,0491874	0,021	0,310
CHR8	16619071	CHR8:16619071	SSF x Far_LoA	-9,4478325	0,063	0,301
CHR8	16619089	CHR8:16619089	SSF x Far_LoA	-8,45128357	-0,064	0,300
CHR8	16619118	CHR8:16619118	SSF x Far_LoA	-11,5060267	0,020	0,306
CHR8	16619449	CHR8:16619449	SSF x Far_LoA	-11,2807615	0,101	0,283
CHR8	16619468	CHR8:16619468	SSF x Far_LoA	-8,6273244	-0,077	0,294
CHR8	16619469	CHR8:16619469	SSF x Far_LoA	-10,5713335	-0,052	0,317
CHR8	16623836	CHR8:16623836	SSF x Far_LoA	-10,9222787	0,004	0,284
CHR8	16623839	CHR8:16623839	SSF x Far_LoA	-5,35835107	-0,123	0,313
CHR8	16623863	CHR8:16623863	SSF x Far_LoA	-8,30449711	0,103	0,310
CHR8	16623912	CHR8:16623912	SSF x Far_LoA	-9,64214915	-0,049	0,302
CHR8	16626676	CHR8:16626676	SSF x Far_LoA	-10,0031158	0,095	0,297
CHR8	16626795	CHR8:16626795	SSF x Far_LoA	-10,6768657	0,019	0,308
CHR8	16636278	CHR8:16636278	SSF x Far_LoA	-7,9979682	0,026	0,313
CHR8	16636329	CHR8:16636329	SSF x Far_LoA	-8,2687273	0,019	0,308
CHR8	16636334	CHR8:16636334	SSF x Far_LoA	-7,10283231	0,031	0,307
CHR8	16636352	CHR8:16636352	SSF x Far_LoA	-8,4491304	0,043	0,309

CHR8	16636422	CHR8:16636422	SSF x Far_LoA	-6,29088316	-0,066	0,322
CHR8	16639247	CHR8:16639247	SSF x Far_LoA	-8,16134267	0,027	0,316
CHR8	16639313	CHR8:16639313	SSF x Far_LoA	-9,07525792	0,004	0,303
CHR8	16641557	CHR8:16641557	SSF x Far_LoA	-8,01792016	-0,038	0,303
CHR8	16641585	CHR8:16641585	SSF x Far_LoA	21,1202075	-0,179	0,307
CHR8	16642904	CHR8:16642904	SSF x Far_LoA	-7,34436752	-0,155	0,302
CHR8	16646420	CHR8:16646420	SSF x Far_LoA	-6,4595231	0,077	0,297
CHR8	16646479	CHR8:16646479	SSF x Far_LoA	-10,3519847	-0,006	0,298
CHR8	16646483	CHR8:16646483	SSF x Far_LoA	-10,4193238	0,040	0,302
CHR8	16646540	CHR8:16646540	SSF x Far_LoA	-8,08814585	-0,010	0,308
CHR8	16646549	CHR8:16646549	SSF x Far_LoA	-8,96582372	0,020	0,304
CHR8	16655643	CHR8:16655643	SSF x Far_LoA	-11,3256169	-0,021	0,307
CHR8	16655719	CHR8:16655719	SSF x Far_LoA	-7,80341653	0,014	0,314
CHR8	16655774	CHR8:16655774	SSF x Far_LoA	-7,81279371	-0,002	0,308
CHR8	16655780	CHR8:16655780	SSF x Far_LoA	-10,2276738	0,124	0,305
CHR8	16658575	CHR8:16658575	SSF x Far_LoA	-7,26898458	-0,138	0,298
CHR8	16664246	CHR8:16664246	SSF x Far_LoA	-8,63825301	-0,021	0,314
CHR8	16673129	CHR8:16673129	SSF x Far_LoA	-8,88944463	-0,018	0,297
CHR8	16673135	CHR8:16673135	SSF x Far_LoA	-12,2178705	-0,045	0,305
CHR8	16673195	CHR8:16673195	SSF x Far_LoA	-9,97779937	-0,034	0,309
CHR8	16673198	CHR8:16673198	SSF x Far_LoA	-11,1344696	-0,064	0,290
CHR8	16673246	CHR8:16673246	SSF x Far_LoA	-9,42960113	-0,005	0,306
CHR8	16673256	CHR8:16673256	SSF x Far_LoA	-10,9479017	-0,032	0,298
CHR8	16673316	CHR8:16673316	SSF x Far_LoA	-9,01542786	0,010	0,307
CHR8	16687334	CHR8:16687334	SSF x Far_LoA	-8,27892075	-0,143	0,314
CHR8	16687550	CHR8:16687550	SSF x Far_LoA	-5,06195419	0,115	0,309
CHR8	16687551	CHR8:16687551	SSF x Far_LoA	-7,95793936	0,092	0,305
CHR8	16687563	CHR8:16687563	SSF x Far_LoA	-8,83252761	0,020	0,321
CHR8	16693575	CHR8:16693575	SSF x Far_LoA	-8,80596445	-0,100	0,313
CHR8	16693633	CHR8:16693633	SSF x Far_LoA	-7,99399354	-0,035	0,318
CHR8	16693671	CHR8:16693671	SSF x Far_LoA	-7,97400915	-0,021	0,308
CHR8	16693696	CHR8:16693696	SSF x Far_LoA	-6,33788324	0,056	0,311
CHR8	16693735	CHR8:16693735	SSF x Far_LoA	-5,41465385	0,082	0,314
CHR8	16693793	CHR8:16693793	SSF x Far_LoA	-8,52088635	0,066	0,308
CHR8	16696342	CHR8:16696342	SSF x Far_LoA	-10,1978916	0,070	0,311
CHR8	16696461	CHR8:16696461	SSF x Far_LoA	-10,5538804	0,084	0,314
CHR8	16696484	CHR8:16696484	SSF x Far_LoA	-6,04691596	0,063	0,306
CHR8	16704073	CHR8:16704073	SSF x Far_LoA	-9,07081853	0,009	0,307
CHR8	16708868	CHR8:16708868	SSF x Far_LoA	-6,96757142	-0,136	0,308
CHR8	16708875	CHR8:16708875	SSF x Far_LoA	-8,42703176	0,075	0,313
CHR8	16709113	CHR8:16709113	SSF x Far_LoA	-7,11383004	-0,114	0,310
CHR8	16709130	CHR8:16709130	SSF x Far_LoA	-9,25631042	0,024	0,308
CHR8	16712674	CHR8:16712674	SSF x Far_LoA	-11,9619948	0,016	0,297
CHR8	16716636	CHR8:16716636	SSF x Far_LoA	-6,92177619	-0,009	0,326
CHR8	16719054	CHR8:16719054	SSF x Far_LoA	-11,0197519	-0,001	0,314
CHR8	16723695	CHR8:16723695	SSF x Far_LoA	-11,369455	0,039	0,307
CHR8	16723733	CHR8:16723733	SSF x Far_LoA	-11,033301	0,059	0,297
CHR8	16723761	CHR8:16723761	SSF x Far_LoA	-10,8212135	-0,013	0,293
CHR8	16723762	CHR8:16723762	SSF x Far_LoA	-7,59456909	-0,067	0,314
CHR8	16723801	CHR8:16723801	SSF x Far_LoA	-12,04768	0,129	0,303
CHR8	16725639	CHR8:16725639	SSF x Far_LoA	-11,4467537	0,007	0,309
CHR8	16725703	CHR8:16725703	SSF x Far_LoA	-8,79194067	-0,015	0,319
CHR8	16732324	CHR8:16732324	SSF x Far_LoA	-5,94058251	-0,053	0,312

CHR8	16732356	CHR8:16732356	SSF x Far_LoA	-9,81104051	0,032	0,297
CHR8	16732388	CHR8:16732388	SSF x Far_LoA	-2,23283943	-0,032	0,311
CHR8	16732403	CHR8:16732403	SSF x Far_LoA	-9,63422847	-0,077	0,305
CHR8	16732420	CHR8:16732420	SSF x Far_LoA	-7,59470781	-0,017	0,300
CHR8	16732447	CHR8:16732447	SSF x Far_LoA	-6,93825755	0,007	0,297
CHR8	16732465	CHR8:16732465	SSF x Far_LoA	-8,35058349	-0,057	0,299
CHR8	1673996	CHR8:1673996	SSF x Far_LoA	-10,5864176	0,042	0,306
CHR8	16745893	CHR8:16745893	SSF x Far_LoA	-9,89831359	0,065	0,302
CHR8	16745953	CHR8:16745953	SSF x Far_LoA	-8,35477094	0,094	0,323
CHR8	16755492	CHR8:16755492	SSF x Far_LoA	-7,81386377	0,130	0,305
CHR8	16758952	CHR8:16758952	SSF x Far_LoA	-9,55880533	-0,003	0,279
CHR8	16759031	CHR8:16759031	SSF x Far_LoA	-8,20142204	0,017	0,316
CHR8	16759046	CHR8:16759046	SSF x Far_LoA	-8,31232167	-0,078	0,319
CHR8	16759124	CHR8:16759124	SSF x Far_LoA	-10,9703193	-0,067	0,302
CHR8	1676149	CHR8:1676149	SSF x Far_LoA	-11,8618848	-0,018	0,297
CHR8	16761538	CHR8:16761538	SSF x Far_LoA	-10,6296807	-0,063	0,301
CHR8	16761550	CHR8:16761550	SSF x Far_LoA	-6,62900194	-0,096	0,293
CHR8	1676176	CHR8:1676176	SSF x Far_LoA	-9,47765916	-0,076	0,322
CHR8	16767163	CHR8:16767163	SSF x Far_LoA	-3,02797135	0,131	0,298
CHR8	16767248	CHR8:16767248	SSF x Far_LoA	-7,70674802	-0,031	0,307
CHR8	16767257	CHR8:16767257	SSF x Far_LoA	-12,132964	0,009	0,303
CHR8	16782626	CHR8:16782626	SSF x Far_LoA	-10,5162791	-0,030	0,294
CHR8	16788971	CHR8:16788971	SSF x Far_LoA	-8,88664474	0,013	0,303
CHR8	16789057	CHR8:16789057	SSF x Far_LoA	-9,41722301	0,009	0,298
CHR8	16800850	CHR8:16800850	SSF x Far_LoA	-6,72162397	0,028	0,297
CHR8	1680471	CHR8:1680471	SSF x Far_LoA	-9,895072	0,008	0,303
CHR8	16824506	CHR8:16824506	SSF x Far_LoA	-9,27862147	-0,072	0,308
CHR8	16830972	CHR8:16830972	SSF x Far_LoA	-8,585012	-0,169	0,294
CHR8	16831074	CHR8:16831074	SSF x Far_LoA	-10,5987116	0,078	0,309
CHR8	16836478	CHR8:16836478	SSF x Far_LoA	-4,7039878	0,126	0,310
CHR8	16836580	CHR8:16836580	SSF x Far_LoA	-6,88328489	0,257	0,286
CHR8	16842340	CHR8:16842340	SSF x Far_LoA	-9,69572394	0,102	0,300
CHR8	16844495	CHR8:16844495	SSF x Far_LoA	-9,34918408	-0,003	0,311
CHR8	16858193	CHR8:16858193	SSF x Far_LoA	-10,1257077	0,004	0,297
CHR8	16858421	CHR8:16858421	SSF x Far_LoA	-9,39492766	0,144	0,292
CHR8	16861194	CHR8:16861194	SSF x Far_LoA	-12,2464767	0,033	0,304
CHR8	16861244	CHR8:16861244	SSF x Far_LoA	-8,8700121	0,163	0,299
CHR8	16861335	CHR8:16861335	SSF x Far_LoA	-11,5635679	0,005	0,298
CHR8	16874822	CHR8:16874822	SSF x Far_LoA	-8,94321733	0,009	0,312
CHR8	16876721	CHR8:16876721	SSF x Far_LoA	-10,2788428	-0,046	0,308
CHR8	16876833	CHR8:16876833	SSF x Far_LoA	-11,6786022	0,091	0,307
CHR8	16876875	CHR8:16876875	SSF x Far_LoA	-8,33669074	0,152	0,287
CHR8	16879794	CHR8:16879794	SSF x Far_LoA	-8,36097682	-0,079	0,314
CHR8	16879797	CHR8:16879797	SSF x Far_LoA	-8,03825205	-0,133	0,309
CHR8	16879826	CHR8:16879826	SSF x Far_LoA	-6,91718283	-0,097	0,306
CHR8	16879828	CHR8:16879828	SSF x Far_LoA	-6,80900839	-0,120	0,310
CHR8	16880406	CHR8:16880406	SSF x Far_LoA	-10,7142186	-0,030	0,312
CHR8	1688207	CHR8:1688207	SSF x Far_LoA	-8,31413019	-0,120	0,300
CHR8	1688228	CHR8:1688228	SSF x Far_LoA	-8,37447802	-0,064	0,305
CHR8	1688243	CHR8:1688243	SSF x Far_LoA	-7,19867886	0,127	0,311
CHR8	1688246	CHR8:1688246	SSF x Far_LoA	-5,459108	0,113	0,309
CHR8	1688247	CHR8:1688247	SSF x Far_LoA	-7,75819946	0,121	0,319
CHR8	1688257	CHR8:1688257	SSF x Far_LoA	-9,49196004	0,197	0,285

CHR8	1688277	CHR8:1688277	SSF x Far_LoA	-8,70530902	-0,028	0,321
CHR8	1688340	CHR8:1688340	SSF x Far_LoA	-10,2227724	-0,027	0,314
CHR8	16895543	CHR8:16895543	SSF x Far_LoA	-11,4933789	0,011	0,308
CHR8	16902098	CHR8:16902098	SSF x Far_LoA	-6,78858804	-0,139	0,316
CHR8	16916882	CHR8:16916882	SSF x Far_LoA	-3,61520719	0,102	0,306
CHR8	16916896	CHR8:16916896	SSF x Far_LoA	-10,4814307	-0,092	0,310
CHR8	16916897	CHR8:16916897	SSF x Far_LoA	-9,98496568	-0,088	0,314
CHR8	16917771	CHR8:16917771	SSF x Far_LoA	-8,47433965	0,075	0,312
CHR8	16917775	CHR8:16917775	SSF x Far_LoA	-10,8254029	0,008	0,313
CHR8	1692978	CHR8:1692978	SSF x Far_LoA	-9,73327178	-0,002	0,309
CHR8	1692981	CHR8:1692981	SSF x Far_LoA	-8,32248929	-0,070	0,291
CHR8	1693142	CHR8:1693142	SSF x Far_LoA	-9,45925719	0,092	0,305
CHR8	1693167	CHR8:1693167	SSF x Far_LoA	-10,6443863	0,033	0,293
CHR8	16934685	CHR8:16934685	SSF x Far_LoA	-10,4537555	-0,017	0,317
CHR8	16934695	CHR8:16934695	SSF x Far_LoA	-10,1613779	-0,025	0,324
CHR8	16938326	CHR8:16938326	SSF x Far_LoA	-9,55497635	-0,032	0,297
CHR8	16938329	CHR8:16938329	SSF x Far_LoA	-6,71552689	-0,119	0,306
CHR8	16940726	CHR8:16940726	SSF x Far_LoA	-8,29726777	-0,025	0,310
CHR8	16950088	CHR8:16950088	SSF x Far_LoA	-9,0351523	0,093	0,297
CHR8	16950157	CHR8:16950157	SSF x Far_LoA	-7,8056309	0,184	0,303
CHR8	16950169	CHR8:16950169	SSF x Far_LoA	-5,52497429	-0,167	0,310
CHR8	16950260	CHR8:16950260	SSF x Far_LoA	-7,97702893	0,146	0,307
CHR8	1695322	CHR8:1695322	SSF x Far_LoA	-6,01725384	-0,092	0,319
CHR8	1695497	CHR8:1695497	SSF x Far_LoA	-9,65498892	-0,108	0,305
CHR8	1695522	CHR8:1695522	SSF x Far_LoA	-11,6022017	0,015	0,297
CHR8	1695572	CHR8:1695572	SSF x Far_LoA	-8,85837159	-0,104	0,288
CHR8	16964275	CHR8:16964275	SSF x Far_LoA	-4,82375139	-0,174	0,291
CHR8	16968983	CHR8:16968983	SSF x Far_LoA	-6,33587659	0,140	0,315
CHR8	16977332	CHR8:16977332	SSF x Far_LoA	-7,95123336	0,157	0,298
CHR8	1698137	CHR8:1698137	SSF x Far_LoA	-10,2081828	0,020	0,295
CHR8	16990213	CHR8:16990213	SSF x Far_LoA	-8,6671335	-0,057	0,312
CHR8	16990284	CHR8:16990284	SSF x Far_LoA	-10,4442195	-0,068	0,306
CHR8	16990307	CHR8:16990307	SSF x Far_LoA	-8,74904077	0,012	0,312
CHR8	16990353	CHR8:16990353	SSF x Far_LoA	-9,35714895	0,060	0,301
CHR8	16990354	CHR8:16990354	SSF x Far_LoA	-7,93153513	0,077	0,311
CHR8	16990365	CHR8:16990365	SSF x Far_LoA	-7,22006073	0,028	0,325
CHR8	16990366	CHR8:16990366	SSF x Far_LoA	-9,66253692	-0,118	0,307
CHR8	16990402	CHR8:16990402	SSF x Far_LoA	-8,58893963	0,084	0,312
CHR8	16990429	CHR8:16990429	SSF x Far_LoA	-8,27984822	0,057	0,320
CHR8	16990431	CHR8:16990431	SSF x Far_LoA	-11,938053	-0,018	0,302
CHR8	16990477	CHR8:16990477	SSF x Far_LoA	-9,55044214	0,108	0,309
CHR8	1699720	CHR8:1699720	SSF x Far_LoA	-10,1815801	0,041	0,310
CHR8	17005916	CHR8:17005916	SSF x Far_LoA	-10,0000615	-0,024	0,301
CHR8	17006088	CHR8:17006088	SSF x Far_LoA	-9,35103926	-0,104	0,308
CHR8	17006207	CHR8:17006207	SSF x Far_LoA	-11,5969951	0,027	0,304
CHR8	17013618	CHR8:17013618	SSF x Far_LoA	-11,6453144	0,009	0,318
CHR8	17013625	CHR8:17013625	SSF x Far_LoA	-9,14097205	-0,062	0,302
CHR8	17016561	CHR8:17016561	SSF x Far_LoA	-9,18648933	-0,010	0,311
CHR8	17016571	CHR8:17016571	SSF x Far_LoA	-9,53116825	-0,007	0,317
CHR8	17016585	CHR8:17016585	SSF x Far_LoA	-8,43400434	0,047	0,309
CHR8	17026926	CHR8:17026926	SSF x Far_LoA	-9,95602692	-0,133	0,290
CHR8	17027159	CHR8:17027159	SSF x Far_LoA	-10,0225311	0,037	0,308
CHR8	17033310	CHR8:17033310	SSF x Far_LoA	-8,37041237	0,012	0,303

CHR8	17033333	CHR8:17033333	SSF x Far_LoA	-10,4547672	-0,083	0,288
CHR8	17033369	CHR8:17033369	SSF x Far_LoA	-8,5721878	0,042	0,312
CHR8	17033577	CHR8:17033577	SSF x Far_LoA	-9,84251358	-0,013	0,313
CHR8	17033583	CHR8:17033583	SSF x Far_LoA	-10,3142513	0,087	0,298
CHR8	17051273	CHR8:17051273	SSF x Far_LoA	-9,81181732	0,121	0,311
CHR8	17051328	CHR8:17051328	SSF x Far_LoA	-8,2840538	0,010	0,327
CHR8	17060069	CHR8:17060069	SSF x Far_LoA	-9,64921543	-0,010	0,301
CHR8	17066387	CHR8:17066387	SSF x Far_LoA	-11,9422139	0,037	0,298
CHR8	17066447	CHR8:17066447	SSF x Far_LoA	-11,8324888	0,035	0,309
CHR8	17066720	CHR8:17066720	SSF x Far_LoA	-7,29532042	-0,133	0,291
CHR8	1707974	CHR8:1707974	SSF x Far_LoA	-10,9122107	-0,096	0,313
CHR8	1708012	CHR8:1708012	SSF x Far_LoA	-5,17787905	0,152	0,305
CHR8	1708129	CHR8:1708129	SSF x Far_LoA	-9,26758544	0,073	0,313
CHR8	17127276	CHR8:17127276	SSF x Far_LoA	-7,02310962	-0,197	0,286
CHR8	17127361	CHR8:17127361	SSF x Far_LoA	-7,26768593	-0,145	0,292
CHR8	17127383	CHR8:17127383	SSF x Far_LoA	-6,6819703	0,252	0,284
CHR8	17131847	CHR8:17131847	SSF x Far_LoA	-9,05187912	0,041	0,313
CHR8	17131883	CHR8:17131883	SSF x Far_LoA	-8,50665861	-0,035	0,308
CHR8	17131898	CHR8:17131898	SSF x Far_LoA	-6,39275942	-0,033	0,315
CHR8	17131919	CHR8:17131919	SSF x Far_LoA	-10,474192	-0,030	0,303
CHR8	17141359	CHR8:17141359	SSF x Far_LoA	-9,08065422	-0,012	0,301
CHR8	17141406	CHR8:17141406	SSF x Far_LoA	-8,42659818	-0,040	0,306
CHR8	17143144	CHR8:17143144	SSF x Far_LoA	-10,149961	0,003	0,309
CHR8	17143195	CHR8:17143195	SSF x Far_LoA	-11,4695383	0,005	0,303
CHR8	17153079	CHR8:17153079	SSF x Far_LoA	-10,0623771	-0,003	0,314
CHR8	17153251	CHR8:17153251	SSF x Far_LoA	-8,12193929	-0,051	0,300
CHR8	17153255	CHR8:17153255	SSF x Far_LoA	-11,4989	-0,023	0,310
CHR8	17171359	CHR8:17171359	SSF x Far_LoA	-8,72594994	-0,138	0,294
CHR8	17171766	CHR8:17171766	SSF x Far_LoA	-7,6631765	0,140	0,312
CHR8	17172995	CHR8:17172995	SSF x Far_LoA	-9,21398065	-0,105	0,301
CHR8	17183768	CHR8:17183768	SSF x Far_LoA	-7,09271583	0,066	0,291
CHR8	17183829	CHR8:17183829	SSF x Far_LoA	-9,37717831	-0,107	0,308
CHR8	17183925	CHR8:17183925	SSF x Far_LoA	-8,81372964	-0,010	0,303
CHR8	17183931	CHR8:17183931	SSF x Far_LoA	-6,84107009	0,050	0,298
CHR8	17186123	CHR8:17186123	SSF x Far_LoA	-11,5161481	-0,034	0,299
CHR8	17186139	CHR8:17186139	SSF x Far_LoA	-10,6493566	-0,011	0,308
CHR8	17187145	CHR8:17187145	SSF x Far_LoA	-6,23172961	0,073	0,316
CHR8	1719996	CHR8:1719996	SSF x Far_LoA	-8,79345675	-0,070	0,306
CHR8	17201320	CHR8:17201320	SSF x Far_LoA	-4,76643598	-0,014	0,320
CHR8	17208992	CHR8:17208992	SSF x Far_LoA	-6,28693729	-0,091	0,299
CHR8	17238066	CHR8:17238066	SSF x Far_LoA	-10,9649776	-0,099	0,318
CHR8	17253923	CHR8:17253923	SSF x Far_LoA	-10,1130536	-0,149	0,301
CHR8	17253933	CHR8:17253933	SSF x Far_LoA	-9,20396056	-0,149	0,298
CHR8	17253934	CHR8:17253934	SSF x Far_LoA	-3,89112557	-0,162	0,306
CHR8	17253935	CHR8:17253935	SSF x Far_LoA	-6,18080101	-0,157	0,301
CHR8	17253959	CHR8:17253959	SSF x Far_LoA	-9,79450543	-0,130	0,310
CHR8	17256513	CHR8:17256513	SSF x Far_LoA	-8,91114535	0,080	0,318
CHR8	17267126	CHR8:17267126	SSF x Far_LoA	-9,20375152	0,095	0,297
CHR8	17271904	CHR8:17271904	SSF x Far_LoA	-9,37187842	0,129	0,296
CHR8	17271945	CHR8:17271945	SSF x Far_LoA	-8,69224236	0,002	0,313
CHR8	17273259	CHR8:17273259	SSF x Far_LoA	-7,92982903	0,093	0,297
CHR8	17273285	CHR8:17273285	SSF x Far_LoA	-12,0773293	0,006	0,291
CHR8	17274018	CHR8:17274018	SSF x Far_LoA	-11,5864595	-0,016	0,302

CHR8	17274024	CHR8:17274024	SSF x Far_LoA	-9,29331249	-0,093	0,311
CHR8	17281387	CHR8:17281387	SSF x Far_LoA	-9,18166865	-0,033	0,311
CHR8	17281392	CHR8:17281392	SSF x Far_LoA	-10,1783782	-0,042	0,300
CHR8	17281411	CHR8:17281411	SSF x Far_LoA	-9,49984759	-0,029	0,317
CHR8	17281714	CHR8:17281714	SSF x Far_LoA	-11,2501278	-0,027	0,314
CHR8	17285583	CHR8:17285583	SSF x Far_LoA	-9,41322605	-0,092	0,319
CHR8	17291773	CHR8:17291773	SSF x Far_LoA	-10,5706774	-0,054	0,301
CHR8	1729222	CHR8:1729222	SSF x Far_LoA	-8,74216342	-0,067	0,296
CHR8	1729273	CHR8:1729273	SSF x Far_LoA	-6,3955926	-0,176	0,309
CHR8	1729291	CHR8:1729291	SSF x Far_LoA	-10,6953961	-0,035	0,300
CHR8	1729299	CHR8:1729299	SSF x Far_LoA	-7,83109206	-0,082	0,296
CHR8	17297170	CHR8:17297170	SSF x Far_LoA	-5,73246716	0,233	0,303
CHR8	17297190	CHR8:17297190	SSF x Far_LoA	-3,99876588	0,235	0,301
CHR8	17297267	CHR8:17297267	SSF x Far_LoA	-7,14308368	-0,149	0,304
CHR8	17297281	CHR8:17297281	SSF x Far_LoA	-2,86261246	0,194	0,302
CHR8	17297309	CHR8:17297309	SSF x Far_LoA	-7,50101477	-0,103	0,303
CHR8	17297325	CHR8:17297325	SSF x Far_LoA	-9,49061577	0,099	0,301
CHR8	17297373	CHR8:17297373	SSF x Far_LoA	-9,31526132	-0,005	0,298
CHR8	17310773	CHR8:17310773	SSF x Far_LoA	-9,53391117	-0,030	0,315
CHR8	17310839	CHR8:17310839	SSF x Far_LoA	-9,68303413	0,133	0,299
CHR8	17310850	CHR8:17310850	SSF x Far_LoA	-10,0993977	0,117	0,311
CHR8	17310907	CHR8:17310907	SSF x Far_LoA	-10,9171815	-0,020	0,305
CHR8	17311425	CHR8:17311425	SSF x Far_LoA	-9,98134591	0,054	0,301
CHR8	17313792	CHR8:17313792	SSF x Far_LoA	-9,87161653	-0,079	0,292
CHR8	17321493	CHR8:17321493	SSF x Far_LoA	-10,8559394	0,000	0,306
CHR8	17321505	CHR8:17321505	SSF x Far_LoA	-6,22952765	0,033	0,303
CHR8	17326197	CHR8:17326197	SSF x Far_LoA	-5,87939728	0,026	0,310
CHR8	17326232	CHR8:17326232	SSF x Far_LoA	-9,56406007	-0,170	0,304
CHR8	17326243	CHR8:17326243	SSF x Far_LoA	-8,78042281	-0,098	0,315
CHR8	17326268	CHR8:17326268	SSF x Far_LoA	-8,22155845	0,018	0,305
CHR8	17333540	CHR8:17333540	SSF x Far_LoA	-3,90377619	-0,221	0,303
CHR8	17333550	CHR8:17333550	SSF x Far_LoA	-10,378476	-0,031	0,311
CHR8	17333562	CHR8:17333562	SSF x Far_LoA	-8,81190934	-0,087	0,306
CHR8	17333565	CHR8:17333565	SSF x Far_LoA	-9,94895275	-0,092	0,306
CHR8	17338525	CHR8:17338525	SSF x Far_LoA	-9,45774227	-0,022	0,305
CHR8	17338533	CHR8:17338533	SSF x Far_LoA	-9,65478224	-0,080	0,316
CHR8	17338542	CHR8:17338542	SSF x Far_LoA	-11,1615638	0,041	0,308
CHR8	17338562	CHR8:17338562	SSF x Far_LoA	-8,76088057	0,058	0,304
CHR8	17338618	CHR8:17338618	SSF x Far_LoA	-6,59191589	-0,116	0,310
CHR8	17338624	CHR8:17338624	SSF x Far_LoA	-9,75259836	0,085	0,309
CHR8	17338625	CHR8:17338625	SSF x Far_LoA	-10,519606	-0,018	0,303
CHR8	17339250	CHR8:17339250	SSF x Far_LoA	-9,4644399	0,016	0,308
CHR8	17348285	CHR8:17348285	SSF x Far_LoA	-11,2794723	0,014	0,318
CHR8	17348312	CHR8:17348312	SSF x Far_LoA	-9,56615116	0,006	0,307
CHR8	17350999	CHR8:17350999	SSF x Far_LoA	-5,48566132	-0,129	0,288
CHR8	17351091	CHR8:17351091	SSF x Far_LoA	-10,9000602	-0,058	0,302
CHR8	17351186	CHR8:17351186	SSF x Far_LoA	-6,14740187	0,130	0,305
CHR8	17351228	CHR8:17351228	SSF x Far_LoA	-7,50164819	0,084	0,302
CHR8	17361526	CHR8:17361526	SSF x Far_LoA	-9,18840378	0,038	0,305
CHR8	17361628	CHR8:17361628	SSF x Far_LoA	-7,35001098	0,143	0,296
CHR8	17364886	CHR8:17364886	SSF x Far_LoA	-7,75263501	0,004	0,317
CHR8	1738242	CHR8:1738242	SSF x Far_LoA	-7,37835297	0,026	0,305
CHR8	1738311	CHR8:1738311	SSF x Far_LoA	-8,10327788	0,075	0,305

CHR8	1738329	CHR8:1738329	SSF x Far_LoA	-7,51058508	0,132	0,303
CHR8	1738391	CHR8:1738391	SSF x Far_LoA	-9,46318119	0,102	0,312
CHR8	17389890	CHR8:17389890	SSF x Far_LoA	-7,34379133	-0,164	0,288
CHR8	17389895	CHR8:17389895	SSF x Far_LoA	-5,76017006	-0,162	0,303
CHR8	17390015	CHR8:17390015	SSF x Far_LoA	-7,12574094	-0,158	0,291
CHR8	17396761	CHR8:17396761	SSF x Far_LoA	-6,81890461	-0,047	0,311
CHR8	17396804	CHR8:17396804	SSF x Far_LoA	-7,92564645	0,043	0,324
CHR8	17424148	CHR8:17424148	SSF x Far_LoA	-9,29013634	0,045	0,298
CHR8	17424205	CHR8:17424205	SSF x Far_LoA	-8,03112526	-0,092	0,305
CHR8	17424304	CHR8:17424304	SSF x Far_LoA	-11,1475708	0,001	0,301
CHR8	17424305	CHR8:17424305	SSF x Far_LoA	-11,1086245	0,026	0,300
CHR8	17434352	CHR8:17434352	SSF x Far_LoA	-10,6926582	-0,095	0,308
CHR8	17434385	CHR8:17434385	SSF x Far_LoA	-10,4010277	-0,086	0,305
CHR8	17444403	CHR8:17444403	SSF x Far_LoA	-9,97767116	0,041	0,302
CHR8	17449370	CHR8:17449370	SSF x Far_LoA	-5,69456246	0,039	0,307
CHR8	17449480	CHR8:17449480	SSF x Far_LoA	-10,3963768	0,110	0,308
CHR8	17449525	CHR8:17449525	SSF x Far_LoA	-7,24653667	0,072	0,297
CHR8	17451816	CHR8:17451816	SSF x Far_LoA	-7,52799957	-0,156	0,305
CHR8	17452652	CHR8:17452652	SSF x Far_LoA	3,05147857	0,131	0,303
CHR8	17455633	CHR8:17455633	SSF x Far_LoA	-7,18119815	-0,087	0,312
CHR8	17455682	CHR8:17455682	SSF x Far_LoA	-10,7078023	0,020	0,298
CHR8	17455685	CHR8:17455685	SSF x Far_LoA	-7,50044813	0,046	0,319
CHR8	17458765	CHR8:17458765	SSF x Far_LoA	-10,142304	0,037	0,303
CHR8	17466983	CHR8:17466983	SSF x Far_LoA	-1,65337454	-0,130	0,309
CHR8	17467000	CHR8:17467000	SSF x Far_LoA	-1,76248652	-0,140	0,307
CHR8	17467045	CHR8:17467045	SSF x Far_LoA	-10,0275222	0,094	0,287
CHR8	17470357	CHR8:17470357	SSF x Far_LoA	-11,2745242	0,124	0,284
CHR8	17470395	CHR8:17470395	SSF x Far_LoA	-8,35621227	-0,107	0,287
CHR8	1747086	CHR8:1747086	SSF x Far_LoA	-7,41436009	0,033	0,302
CHR8	1747183	CHR8:1747183	SSF x Far_LoA	-6,44285731	0,081	0,309
CHR8	17475837	CHR8:17475837	SSF x Far_LoA	-8,44419224	0,072	0,298
CHR8	17475848	CHR8:17475848	SSF x Far_LoA	-6,45923309	0,001	0,308
CHR8	17475852	CHR8:17475852	SSF x Far_LoA	-8,95234544	-0,055	0,311
CHR8	17475913	CHR8:17475913	SSF x Far_LoA	-10,6673085	0,076	0,304
CHR8	17475954	CHR8:17475954	SSF x Far_LoA	-9,44010931	-0,023	0,295
CHR8	17478391	CHR8:17478391	SSF x Far_LoA	-10,0773303	0,013	0,306
CHR8	17478392	CHR8:17478392	SSF x Far_LoA	-8,15185412	0,084	0,300
CHR8	17478398	CHR8:17478398	SSF x Far_LoA	-9,52839352	0,112	0,306
CHR8	17478459	CHR8:17478459	SSF x Far_LoA	-9,67457935	-0,117	0,307
CHR8	17478466	CHR8:17478466	SSF x Far_LoA	-4,63407248	-0,123	0,306
CHR8	17478532	CHR8:17478532	SSF x Far_LoA	-7,17480538	0,048	0,300
CHR8	17488312	CHR8:17488312	SSF x Far_LoA	-4,28741482	-0,119	0,313
CHR8	17488472	CHR8:17488472	SSF x Far_LoA	-10,2345926	-0,064	0,314
CHR8	17488547	CHR8:17488547	SSF x Far_LoA	-9,27184204	0,007	0,310
CHR8	17494190	CHR8:17494190	SSF x Far_LoA	-7,27059212	-0,065	0,297
CHR8	17494230	CHR8:17494230	SSF x Far_LoA	-8,55000339	-0,065	0,297
CHR8	17497635	CHR8:17497635	SSF x Far_LoA	-10,7587784	-0,043	0,324
CHR8	17497654	CHR8:17497654	SSF x Far_LoA	-9,80306384	-0,001	0,288
CHR8	17497754	CHR8:17497754	SSF x Far_LoA	-10,6108855	-0,068	0,297
CHR8	17499695	CHR8:17499695	SSF x Far_LoA	-10,271931	-0,074	0,302
CHR8	17499709	CHR8:17499709	SSF x Far_LoA	-9,56032087	-0,022	0,317
CHR8	17502000	CHR8:17502000	SSF x Far_LoA	-10,6859818	0,049	0,300
CHR8	17505001	CHR8:17505001	SSF x Far_LoA	-7,42380134	-0,083	0,323

CHR8	17505016	CHR8:17505016	SSF x Far_LoA	-9,9472708	0,084	0,311
CHR8	17505030	CHR8:17505030	SSF x Far_LoA	-8,90798213	-0,086	0,313
CHR8	17505175	CHR8:17505175	SSF x Far_LoA	-8,3144513	0,069	0,283
CHR8	17505228	CHR8:17505228	SSF x Far_LoA	-3,65921901	-0,050	0,304
CHR8	1753502	CHR8:1753502	SSF x Far_LoA	-7,26669108	0,002	0,311
CHR8	1753548	CHR8:1753548	SSF x Far_LoA	-3,88698342	0,012	0,318
CHR8	1753562	CHR8:1753562	SSF x Far_LoA	-9,48201292	-0,027	0,288
CHR8	1753593	CHR8:1753593	SSF x Far_LoA	-8,88557606	0,084	0,307
CHR8	1753632	CHR8:1753632	SSF x Far_LoA	-9,36825471	0,008	0,311
CHR8	1753642	CHR8:1753642	SSF x Far_LoA	-7,85281263	0,114	0,296
CHR8	1753669	CHR8:1753669	SSF x Far_LoA	-3,90918522	0,124	0,305
CHR8	1753709	CHR8:1753709	SSF x Far_LoA	-10,692326	-0,001	0,313
CHR8	17562998	CHR8:17562998	SSF x Far_LoA	-7,60908724	-0,077	0,319
CHR8	17563008	CHR8:17563008	SSF x Far_LoA	-7,00593863	-0,077	0,308
CHR8	17564469	CHR8:17564469	SSF x Far_LoA	-8,58061996	-0,132	0,292
CHR8	17564483	CHR8:17564483	SSF x Far_LoA	-9,77940379	-0,168	0,294
CHR8	17572001	CHR8:17572001	SSF x Far_LoA	-3,89976152	-0,234	0,297
CHR8	17572028	CHR8:17572028	SSF x Far_LoA	-10,6762724	-0,004	0,305
CHR8	17584634	CHR8:17584634	SSF x Far_LoA	-9,80917224	0,039	0,305
CHR8	17584920	CHR8:17584920	SSF x Far_LoA	-10,777503	0,005	0,304
CHR8	17601948	CHR8:17601948	SSF x Far_LoA	-11,1858766	0,034	0,299
CHR8	17607862	CHR8:17607862	SSF x Far_LoA	-8,59097239	-0,020	0,323
CHR8	17607956	CHR8:17607956	SSF x Far_LoA	-9,67511986	-0,109	0,309
CHR8	17607971	CHR8:17607971	SSF x Far_LoA	-11,1297973	-0,026	0,313
CHR8	17611873	CHR8:17611873	SSF x Far_LoA	-6,81002476	-0,097	0,306
CHR8	1761736	CHR8:1761736	SSF x Far_LoA	-8,37289894	-0,128	0,297
CHR8	17625781	CHR8:17625781	SSF x Far_LoA	-6,78734939	0,148	0,296
CHR8	17625812	CHR8:17625812	SSF x Far_LoA	-8,78851294	-0,092	0,309
CHR8	17625854	CHR8:17625854	SSF x Far_LoA	-12,2580549	0,006	0,303
CHR8	17625867	CHR8:17625867	SSF x Far_LoA	-7,57710192	-0,142	0,309
CHR8	17625874	CHR8:17625874	SSF x Far_LoA	-0,88493862	-0,099	0,318
CHR8	17625929	CHR8:17625929	SSF x Far_LoA	-8,45747932	0,086	0,313
CHR8	17629721	CHR8:17629721	SSF x Far_LoA	-7,65119186	0,015	0,316
CHR8	17629861	CHR8:17629861	SSF x Far_LoA	-8,1764044	-0,045	0,305
CHR8	17652155	CHR8:17652155	SSF x Far_LoA	-8,51476506	-0,015	0,307
CHR8	17655549	CHR8:17655549	SSF x Far_LoA	-11,3499128	-0,064	0,320
CHR8	17658062	CHR8:17658062	SSF x Far_LoA	-7,86801646	-0,098	0,321
CHR8	17658083	CHR8:17658083	SSF x Far_LoA	-9,55160976	0,013	0,310
CHR8	17658246	CHR8:17658246	SSF x Far_LoA	-9,18797471	-0,068	0,290
CHR8	17668751	CHR8:17668751	SSF x Far_LoA	-11,7114148	-0,023	0,301
CHR8	17669631	CHR8:17669631	SSF x Far_LoA	-10,2869175	-0,027	0,311
CHR8	17669723	CHR8:17669723	SSF x Far_LoA	-9,21818437	0,020	0,300
CHR8	1768589	CHR8:1768589	SSF x Far_LoA	-7,68997283	-0,113	0,307
CHR8	1768610	CHR8:1768610	SSF x Far_LoA	-7,53393719	-0,098	0,307
CHR8	1768626	CHR8:1768626	SSF x Far_LoA	-9,78139541	-0,088	0,312
CHR8	1768646	CHR8:1768646	SSF x Far_LoA	-7,78718642	-0,107	0,312
CHR8	1768648	CHR8:1768648	SSF x Far_LoA	-11,3068165	0,052	0,302
CHR8	1769060	CHR8:1769060	SSF x Far_LoA	-11,6510018	-0,067	0,296
CHR8	1769119	CHR8:1769119	SSF x Far_LoA	-10,7969474	-0,040	0,322
CHR8	17691929	CHR8:17691929	SSF x Far_LoA	-10,0102554	0,130	0,298
CHR8	17692053	CHR8:17692053	SSF x Far_LoA	-10,6137813	-0,003	0,304
CHR8	17693117	CHR8:17693117	SSF x Far_LoA	-8,78242814	-0,089	0,296
CHR8	17695023	CHR8:17695023	SSF x Far_LoA	-0,26162532	0,122	0,307

CHR8	17695240	CHR8:17695240	SSF x Far_LoA	-9,18432792	-0,021	0,314
CHR8	17695276	CHR8:17695276	SSF x Far_LoA	-9,27080934	-0,076	0,306
CHR8	17697870	CHR8:17697870	SSF x Far_LoA	-12,6885132	0,069	0,292
CHR8	17698740	CHR8:17698740	SSF x Far_LoA	-7,89045407	0,064	0,322
CHR8	17706894	CHR8:17706894	SSF x Far_LoA	-8,07620945	0,105	0,309
CHR8	17713398	CHR8:17713398	SSF x Far_LoA	-8,46667857	-0,160	0,300
CHR8	17735420	CHR8:17735420	SSF x Far_LoA	2,296125	-0,006	0,298
CHR8	17735427	CHR8:17735427	SSF x Far_LoA	-9,43255684	-0,084	0,307
CHR8	17735506	CHR8:17735506	SSF x Far_LoA	-11,1550956	-0,022	0,303
CHR8	17745549	CHR8:17745549	SSF x Far_LoA	-8,2283707	-0,065	0,310
CHR8	17745567	CHR8:17745567	SSF x Far_LoA	-8,27240236	0,008	0,296
CHR8	17745607	CHR8:17745607	SSF x Far_LoA	-9,68489878	0,031	0,299
CHR8	17745641	CHR8:17745641	SSF x Far_LoA	-9,82153026	0,001	0,301
CHR8	17760730	CHR8:17760730	SSF x Far_LoA	-11,4888996	-0,055	0,305
CHR8	17762394	CHR8:17762394	SSF x Far_LoA	-9,82020117	0,005	0,299
CHR8	17765964	CHR8:17765964	SSF x Far_LoA	-7,93805893	-0,027	0,323
CHR8	177731	CHR8:177731	SSF x Far_LoA	-8,74179614	-0,033	0,316
CHR8	1777417	CHR8:1777417	SSF x Far_LoA	-7,00126123	-0,096	0,316
CHR8	1777450	CHR8:1777450	SSF x Far_LoA	-9,40108179	0,012	0,315
CHR8	17786514	CHR8:17786514	SSF x Far_LoA	-8,48754448	0,013	0,308
CHR8	17786571	CHR8:17786571	SSF x Far_LoA	-11,4074426	0,091	0,312
CHR8	17795009	CHR8:17795009	SSF x Far_LoA	-10,0338633	-0,007	0,312
CHR8	17798899	CHR8:17798899	SSF x Far_LoA	-10,0415279	0,059	0,306
CHR8	17823250	CHR8:17823250	SSF x Far_LoA	-7,27072571	0,024	0,321
CHR8	17829872	CHR8:17829872	SSF x Far_LoA	-7,44815592	-0,209	0,299
CHR8	17829902	CHR8:17829902	SSF x Far_LoA	-6,90882441	-0,057	0,309
CHR8	17829921	CHR8:17829921	SSF x Far_LoA	-9,07114935	0,092	0,300
CHR8	17829942	CHR8:17829942	SSF x Far_LoA	-10,016999	-0,051	0,310
CHR8	17829978	CHR8:17829978	SSF x Far_LoA	-11,2953051	-0,012	0,306
CHR8	17830026	CHR8:17830026	SSF x Far_LoA	-8,22827139	0,014	0,313
CHR8	17830085	CHR8:17830085	SSF x Far_LoA	-10,8287965	-0,060	0,305
CHR8	17831902	CHR8:17831902	SSF x Far_LoA	-7,74207548	0,061	0,303
CHR8	17831920	CHR8:17831920	SSF x Far_LoA	-8,25427943	-0,016	0,318
CHR8	1783735	CHR8:1783735	SSF x Far_LoA	-7,94385615	-0,046	0,303
CHR8	17837534	CHR8:17837534	SSF x Far_LoA	-10,7962423	0,005	0,312
CHR8	1783768	CHR8:1783768	SSF x Far_LoA	-4,03118649	0,083	0,330
CHR8	1783789	CHR8:1783789	SSF x Far_LoA	-8,71677567	-0,070	0,295
CHR8	1783798	CHR8:1783798	SSF x Far_LoA	-10,293454	-0,035	0,303
CHR8	17838554	CHR8:17838554	SSF x Far_LoA	-9,49008234	-0,018	0,298
CHR8	17847040	CHR8:17847040	SSF x Far_LoA	-10,1435803	0,053	0,307
CHR8	17851163	CHR8:17851163	SSF x Far_LoA	-9,62598983	-0,055	0,310
CHR8	17852644	CHR8:17852644	SSF x Far_LoA	-11,5639081	-0,054	0,292
CHR8	17884731	CHR8:17884731	SSF x Far_LoA	-11,6787593	-0,013	0,320
CHR8	17884792	CHR8:17884792	SSF x Far_LoA	-4,71901509	-0,251	0,294
CHR8	17884886	CHR8:17884886	SSF x Far_LoA	-10,2664224	-0,007	0,321
CHR8	17903392	CHR8:17903392	SSF x Far_LoA	-11,4205227	0,054	0,310
CHR8	17912990	CHR8:17912990	SSF x Far_LoA	-8,68697995	-0,072	0,314
CHR8	17913036	CHR8:17913036	SSF x Far_LoA	-8,22686582	-0,042	0,320
CHR8	17913141	CHR8:17913141	SSF x Far_LoA	-6,58724434	-0,011	0,301
CHR8	17922391	CHR8:17922391	SSF x Far_LoA	-9,83172989	0,135	0,302
CHR8	17922440	CHR8:17922440	SSF x Far_LoA	-6,04855603	0,131	0,303
CHR8	17922611	CHR8:17922611	SSF x Far_LoA	-9,38403119	0,103	0,303
CHR8	17926102	CHR8:17926102	SSF x Far_LoA	-8,80791799	0,009	0,293

CHR8	17926104	CHR8:17926104	SSF x Far_LoA	-10,9268867	0,034	0,291
CHR8	17939634	CHR8:17939634	SSF x Far_LoA	-3,74781022	0,218	0,293
CHR8	17939635	CHR8:17939635	SSF x Far_LoA	-8,80292538	0,049	0,295
CHR8	17939705	CHR8:17939705	SSF x Far_LoA	-9,80429251	-0,033	0,305
CHR8	17939741	CHR8:17939741	SSF x Far_LoA	-12,3455862	-0,025	0,307
CHR8	17939749	CHR8:17939749	SSF x Far_LoA	-8,32669248	0,071	0,309
CHR8	17942075	CHR8:17942075	SSF x Far_LoA	-12,0564455	0,025	0,305
CHR8	17943949	CHR8:17943949	SSF x Far_LoA	-6,15976074	-0,022	0,319
CHR8	17943957	CHR8:17943957	SSF x Far_LoA	-8,68844886	-0,050	0,314
CHR8	17956724	CHR8:17956724	SSF x Far_LoA	-9,73005279	-0,043	0,296
CHR8	17956727	CHR8:17956727	SSF x Far_LoA	-9,04339694	-0,021	0,291
CHR8	17956768	CHR8:17956768	SSF x Far_LoA	-6,16710868	-0,054	0,305
CHR8	17956776	CHR8:17956776	SSF x Far_LoA	-8,28482804	0,047	0,306
CHR8	17956809	CHR8:17956809	SSF x Far_LoA	-11,4783006	0,066	0,295
CHR8	17962147	CHR8:17962147	SSF x Far_LoA	-8,98785808	-0,042	0,320
CHR8	17962255	CHR8:17962255	SSF x Far_LoA	-10,3889124	-0,055	0,310
CHR8	17975338	CHR8:17975338	SSF x Far_LoA	-9,37292828	-0,021	0,321
CHR8	17975560	CHR8:17975560	SSF x Far_LoA	-9,25891298	-0,087	0,319
CHR8	17983929	CHR8:17983929	SSF x Far_LoA	-10,6650578	0,161	0,302
CHR8	17983944	CHR8:17983944	SSF x Far_LoA	-10,5889049	0,002	0,317
CHR8	17983953	CHR8:17983953	SSF x Far_LoA	-9,15008677	0,012	0,297
CHR8	17983962	CHR8:17983962	SSF x Far_LoA	-11,2600465	0,017	0,296
CHR8	17986934	CHR8:17986934	SSF x Far_LoA	-7,89803013	-0,078	0,308
CHR8	17986975	CHR8:17986975	SSF x Far_LoA	-11,5352328	-0,014	0,293
CHR8	17987129	CHR8:17987129	SSF x Far_LoA	-11,4783319	-0,029	0,303
CHR8	1799491	CHR8:1799491	SSF x Far_LoA	-10,1713166	0,061	0,316
CHR8	18003591	CHR8:18003591	SSF x Far_LoA	-8,43001801	0,134	0,302
CHR8	18004976	CHR8:18004976	SSF x Far_LoA	-8,1838918	0,169	0,300
CHR8	18004991	CHR8:18004991	SSF x Far_LoA	-7,39726336	-0,015	0,309
CHR8	18007939	CHR8:18007939	SSF x Far_LoA	-5,67726006	0,169	0,304
CHR8	18007985	CHR8:18007985	SSF x Far_LoA	-5,05214122	0,091	0,312
CHR8	18007991	CHR8:18007991	SSF x Far_LoA	-11,2183474	0,038	0,305
CHR8	18008012	CHR8:18008012	SSF x Far_LoA	-10,0209791	0,016	0,314
CHR8	18008076	CHR8:18008076	SSF x Far_LoA	-9,35653343	0,003	0,306
CHR8	18012022	CHR8:18012022	SSF x Far_LoA	-8,86237765	-0,001	0,311
CHR8	18023663	CHR8:18023663	SSF x Far_LoA	-9,9911361	0,114	0,306
CHR8	18023666	CHR8:18023666	SSF x Far_LoA	-10,3318067	0,069	0,310
CHR8	18023819	CHR8:18023819	SSF x Far_LoA	-10,5303237	0,010	0,305
CHR8	18027473	CHR8:18027473	SSF x Far_LoA	-4,325355	0,192	0,287
CHR8	18027539	CHR8:18027539	SSF x Far_LoA	-8,21462181	-0,134	0,303
CHR8	18027648	CHR8:18027648	SSF x Far_LoA	-7,42784361	0,120	0,303
CHR8	18031423	CHR8:18031423	SSF x Far_LoA	-9,34211981	-0,120	0,310
CHR8	18031614	CHR8:18031614	SSF x Far_LoA	-9,32690128	0,065	0,305
CHR8	18037632	CHR8:18037632	SSF x Far_LoA	-9,46635142	-0,052	0,312
CHR8	18037657	CHR8:18037657	SSF x Far_LoA	-8,21393142	-0,030	0,312
CHR8	18038874	CHR8:18038874	SSF x Far_LoA	-10,7225588	0,018	0,308
CHR8	18038880	CHR8:18038880	SSF x Far_LoA	-8,92811906	-0,052	0,300
CHR8	18038907	CHR8:18038907	SSF x Far_LoA	-10,1255357	0,028	0,314
CHR8	1804768	CHR8:1804768	SSF x Far_LoA	-12,7386023	0,003	0,297
CHR8	18049690	CHR8:18049690	SSF x Far_LoA	-7,81529494	-0,123	0,295
CHR8	18049740	CHR8:18049740	SSF x Far_LoA	-10,6198099	-0,023	0,309
CHR8	1804982	CHR8:1804982	SSF x Far_LoA	-11,5276837	0,025	0,303
CHR8	1805058	CHR8:1805058	SSF x Far_LoA	-7,6983355	0,015	0,304

CHR8	1805072	CHR8:1805072	SSF x Far_LoA	-9,75392875	-0,143	0,311
CHR8	1805073	CHR8:1805073	SSF x Far_LoA	-10,0304411	0,022	0,288
CHR8	1805170	CHR8:1805170	SSF x Far_LoA	-7,55733303	0,017	0,303
CHR8	1805176	CHR8:1805176	SSF x Far_LoA	-8,22735428	0,002	0,301
CHR8	18053421	CHR8:18053421	SSF x Far_LoA	-10,4641128	-0,097	0,314
CHR8	18056364	CHR8:18056364	SSF x Far_LoA	-8,48461362	0,076	0,303
CHR8	18056373	CHR8:18056373	SSF x Far_LoA	-8,30515053	0,047	0,305
CHR8	18056420	CHR8:18056420	SSF x Far_LoA	-8,46224348	0,040	0,326
CHR8	18056472	CHR8:18056472	SSF x Far_LoA	-10,3934037	0,137	0,299
CHR8	18058140	CHR8:18058140	SSF x Far_LoA	-7,99310925	-0,018	0,296
CHR8	18058145	CHR8:18058145	SSF x Far_LoA	-8,92046819	-0,066	0,308
CHR8	18058205	CHR8:18058205	SSF x Far_LoA	-8,9227444	0,018	0,306
CHR8	18058453	CHR8:18058453	SSF x Far_LoA	-9,77675527	-0,038	0,313
CHR8	18063681	CHR8:18063681	SSF x Far_LoA	-10,1820304	-0,035	0,308
CHR8	18068035	CHR8:18068035	SSF x Far_LoA	-10,229306	0,087	0,292
CHR8	18072314	CHR8:18072314	SSF x Far_LoA	-10,3484954	0,003	0,305
CHR8	18076599	CHR8:18076599	SSF x Far_LoA	-4,92088849	0,066	0,316
CHR8	18084727	CHR8:18084727	SSF x Far_LoA	-11,7465889	-0,011	0,302
CHR8	18084805	CHR8:18084805	SSF x Far_LoA	-3,22249346	0,081	0,316
CHR8	18092152	CHR8:18092152	SSF x Far_LoA	-10,593926	0,056	0,314
CHR8	18092187	CHR8:18092187	SSF x Far_LoA	-11,6735034	-0,011	0,304
CHR8	18092237	CHR8:18092237	SSF x Far_LoA	-8,52235181	0,072	0,315
CHR8	18099330	CHR8:18099330	SSF x Far_LoA	-10,2033286	0,036	0,300
CHR8	18099389	CHR8:18099389	SSF x Far_LoA	-8,8563848	-0,111	0,303
CHR8	18099426	CHR8:18099426	SSF x Far_LoA	-7,10256058	-0,110	0,300
CHR8	18100307	CHR8:18100307	SSF x Far_LoA	-11,8770286	-0,014	0,306
CHR8	18100320	CHR8:18100320	SSF x Far_LoA	-9,18424024	0,083	0,299
CHR8	18106204	CHR8:18106204	SSF x Far_LoA	-8,98147247	-0,108	0,302
CHR8	18107348	CHR8:18107348	SSF x Far_LoA	-9,87923747	-0,050	0,301
CHR8	18107984	CHR8:18107984	SSF x Far_LoA	-12,5901413	0,017	0,302
CHR8	18123499	CHR8:18123499	SSF x Far_LoA	-11,7060214	0,125	0,301
CHR8	18123673	CHR8:18123673	SSF x Far_LoA	-9,6207455	0,130	0,308
CHR8	1812513	CHR8:1812513	SSF x Far_LoA	-4,19114742	0,038	0,304
CHR8	18133247	CHR8:18133247	SSF x Far_LoA	-10,493872	0,014	0,323
CHR8	18133416	CHR8:18133416	SSF x Far_LoA	-11,5366244	0,072	0,304
CHR8	18136909	CHR8:18136909	SSF x Far_LoA	-10,0158829	-0,023	0,313
CHR8	1814251	CHR8:1814251	SSF x Far_LoA	-7,77198471	0,133	0,295
CHR8	1814256	CHR8:1814256	SSF x Far_LoA	1,49806702	0,139	0,290
CHR8	1814276	CHR8:1814276	SSF x Far_LoA	-10,7483506	0,027	0,306
CHR8	1814346	CHR8:1814346	SSF x Far_LoA	-9,84678043	0,051	0,301
CHR8	181569	CHR8:181569	SSF x Far_LoA	-8,19835496	-0,046	0,309
CHR8	18167797	CHR8:18167797	SSF x Far_LoA	-6,31306162	-0,170	0,297
CHR8	18174240	CHR8:18174240	SSF x Far_LoA	-9,11551338	0,056	0,301
CHR8	18176260	CHR8:18176260	SSF x Far_LoA	-10,4767657	0,043	0,301
CHR8	18186566	CHR8:18186566	SSF x Far_LoA	-10,8297285	0,071	0,314
CHR8	18188414	CHR8:18188414	SSF x Far_LoA	-8,52039219	0,148	0,301
CHR8	18211638	CHR8:18211638	SSF x Far_LoA	-11,236235	0,021	0,314
CHR8	18212504	CHR8:18212504	SSF x Far_LoA	-5,78696498	0,023	0,314
CHR8	18212686	CHR8:18212686	SSF x Far_LoA	-9,78330064	0,114	0,303
CHR8	18215514	CHR8:18215514	SSF x Far_LoA	-8,47857991	-0,063	0,297
CHR8	18215578	CHR8:18215578	SSF x Far_LoA	-8,77679849	-0,032	0,309
CHR8	18219518	CHR8:18219518	SSF x Far_LoA	-11,6130783	0,099	0,297
CHR8	18219588	CHR8:18219588	SSF x Far_LoA	-8,56474655	-0,029	0,315

CHR8	18219613	CHR8:18219613	SSF x Far_LoA	-10,6993472	-0,082	0,309
CHR8	18219665	CHR8:18219665	SSF x Far_LoA	-9,55219899	0,043	0,299
CHR8	18219683	CHR8:18219683	SSF x Far_LoA	-11,6609383	0,059	0,311
CHR8	18219727	CHR8:18219727	SSF x Far_LoA	-9,74499003	-0,120	0,303
CHR8	18226678	CHR8:18226678	SSF x Far_LoA	-8,3309629	-0,019	0,307
CHR8	18227173	CHR8:18227173	SSF x Far_LoA	-11,2055688	-0,068	0,322
CHR8	18227204	CHR8:18227204	SSF x Far_LoA	-10,1906188	0,092	0,319
CHR8	18227206	CHR8:18227206	SSF x Far_LoA	-7,69268426	0,090	0,298
CHR8	18227231	CHR8:18227231	SSF x Far_LoA	-10,8501245	0,045	0,318
CHR8	18227233	CHR8:18227233	SSF x Far_LoA	-9,61332136	0,098	0,306
CHR8	18227256	CHR8:18227256	SSF x Far_LoA	-8,24127468	0,059	0,298
CHR8	18228470	CHR8:18228470	SSF x Far_LoA	-5,33070403	0,097	0,306
CHR8	18228520	CHR8:18228520	SSF x Far_LoA	-6,69536637	0,043	0,325
CHR8	18228529	CHR8:18228529	SSF x Far_LoA	-8,91201649	-0,043	0,306
CHR8	18228540	CHR8:18228540	SSF x Far_LoA	-9,16155586	0,004	0,305
CHR8	1826047	CHR8:1826047	SSF x Far_LoA	-10,3686523	-0,081	0,307
CHR8	1826138	CHR8:1826138	SSF x Far_LoA	-11,6565176	-0,018	0,299
CHR8	18275242	CHR8:18275242	SSF x Far_LoA	-10,1774527	0,121	0,302
CHR8	18296549	CHR8:18296549	SSF x Far_LoA	-9,72325781	-0,008	0,304
CHR8	18296561	CHR8:18296561	SSF x Far_LoA	-7,18806244	-0,127	0,306
CHR8	18296644	CHR8:18296644	SSF x Far_LoA	-8,04372048	0,080	0,307
CHR8	18307647	CHR8:18307647	SSF x Far_LoA	-8,10958342	-0,007	0,306
CHR8	18307674	CHR8:18307674	SSF x Far_LoA	-6,99762191	-0,126	0,307
CHR8	18307732	CHR8:18307732	SSF x Far_LoA	-10,5851688	-0,031	0,306
CHR8	18324327	CHR8:18324327	SSF x Far_LoA	-7,63794944	-0,132	0,302
CHR8	18324343	CHR8:18324343	SSF x Far_LoA	-9,14197164	-0,133	0,288
CHR8	18324376	CHR8:18324376	SSF x Far_LoA	-10,0319228	-0,017	0,309
CHR8	18327628	CHR8:18327628	SSF x Far_LoA	-9,37449898	0,008	0,309
CHR8	18342152	CHR8:18342152	SSF x Far_LoA	-8,70627208	0,060	0,313
CHR8	18348637	CHR8:18348637	SSF x Far_LoA	-11,5964098	-0,073	0,299
CHR8	18348676	CHR8:18348676	SSF x Far_LoA	-10,8614224	-0,005	0,314
CHR8	18348849	CHR8:18348849	SSF x Far_LoA	-8,70012199	-0,043	0,303
CHR8	18352145	CHR8:18352145	SSF x Far_LoA	-10,0801885	-0,015	0,309
CHR8	1836327	CHR8:1836327	SSF x Far_LoA	-8,05657549	-0,016	0,295
CHR8	183633	CHR8:183633	SSF x Far_LoA	-9,25770242	-0,044	0,295
CHR8	1836382	CHR8:1836382	SSF x Far_LoA	-8,13645941	-0,001	0,305
CHR8	18367954	CHR8:18367954	SSF x Far_LoA	-1,79283349	-0,197	0,301
CHR8	18369505	CHR8:18369505	SSF x Far_LoA	-7,94932469	0,104	0,313
CHR8	18371698	CHR8:18371698	SSF x Far_LoA	-7,52933181	0,153	0,311
CHR8	18371925	CHR8:18371925	SSF x Far_LoA	-8,53671277	0,046	0,309
CHR8	18371951	CHR8:18371951	SSF x Far_LoA	-10,4162934	-0,016	0,315
CHR8	18380410	CHR8:18380410	SSF x Far_LoA	-6,70443922	-0,118	0,301
CHR8	18380472	CHR8:18380472	SSF x Far_LoA	-11,4028945	0,093	0,305
CHR8	1838223	CHR8:1838223	SSF x Far_LoA	-8,29994254	0,129	0,303
CHR8	18398721	CHR8:18398721	SSF x Far_LoA	-8,35646254	0,104	0,305
CHR8	18398789	CHR8:18398789	SSF x Far_LoA	-8,52450107	-0,042	0,321
CHR8	18398791	CHR8:18398791	SSF x Far_LoA	-9,7694522	-0,062	0,303
CHR8	18398805	CHR8:18398805	SSF x Far_LoA	-9,49756818	-0,037	0,318
CHR8	18412476	CHR8:18412476	SSF x Far_LoA	-7,73745199	0,035	0,307
CHR8	18412533	CHR8:18412533	SSF x Far_LoA	-7,75686265	0,048	0,307
CHR8	18426194	CHR8:18426194	SSF x Far_LoA	-9,73527438	0,090	0,311
CHR8	18426266	CHR8:18426266	SSF x Far_LoA	-8,78999049	-0,105	0,307
CHR8	18426268	CHR8:18426268	SSF x Far_LoA	-7,64203038	0,049	0,302

CHR8	18426351	CHR8:18426351	SSF x Far_LoA	-7,2135193	-0,124	0,290
CHR8	18444915	CHR8:18444915	SSF x Far_LoA	-7,47582505	-0,190	0,294
CHR8	18446691	CHR8:18446691	SSF x Far_LoA	-10,6957971	-0,137	0,297
CHR8	18446734	CHR8:18446734	SSF x Far_LoA	-7,79685432	-0,061	0,318
CHR8	18446808	CHR8:18446808	SSF x Far_LoA	-3,26453213	0,191	0,322
CHR8	18448689	CHR8:18448689	SSF x Far_LoA	-9,81543169	0,038	0,295
CHR8	18448707	CHR8:18448707	SSF x Far_LoA	-8,7061333	0,065	0,312
CHR8	18452909	CHR8:18452909	SSF x Far_LoA	-9,78355321	0,153	0,291
CHR8	18453941	CHR8:18453941	SSF x Far_LoA	-8,40311764	-0,037	0,299
CHR8	18454016	CHR8:18454016	SSF x Far_LoA	-8,08731994	-0,014	0,319
CHR8	18460581	CHR8:18460581	SSF x Far_LoA	4,01527585	-0,050	0,294
CHR8	18460626	CHR8:18460626	SSF x Far_LoA	-9,52521338	-0,076	0,305
CHR8	18460627	CHR8:18460627	SSF x Far_LoA	-7,53739391	-0,072	0,300
CHR8	18460649	CHR8:18460649	SSF x Far_LoA	-5,82615303	-0,113	0,306
CHR8	18460680	CHR8:18460680	SSF x Far_LoA	-9,36063844	-0,042	0,293
CHR8	18460704	CHR8:18460704	SSF x Far_LoA	-8,09926552	-0,069	0,307
CHR8	18461533	CHR8:18461533	SSF x Far_LoA	-9,06193289	-0,002	0,307
CHR8	18465539	CHR8:18465539	SSF x Far_LoA	-10,7211341	0,078	0,304
CHR8	18465540	CHR8:18465540	SSF x Far_LoA	-10,6874678	0,032	0,304
CHR8	18465598	CHR8:18465598	SSF x Far_LoA	-3,05736078	0,038	0,289
CHR8	18465600	CHR8:18465600	SSF x Far_LoA	-10,307034	-0,097	0,304
CHR8	18465616	CHR8:18465616	SSF x Far_LoA	-10,5136039	0,044	0,301
CHR8	18465618	CHR8:18465618	SSF x Far_LoA	-10,0619683	-0,093	0,299
CHR8	18465677	CHR8:18465677	SSF x Far_LoA	-9,65855633	0,049	0,308
CHR8	1847280	CHR8:1847280	SSF x Far_LoA	-9,72610319	-0,058	0,307
CHR8	18483647	CHR8:18483647	SSF x Far_LoA	-10,7581687	0,056	0,299
CHR8	18483651	CHR8:18483651	SSF x Far_LoA	-7,85015326	-0,157	0,286
CHR8	18483657	CHR8:18483657	SSF x Far_LoA	-7,65875235	-0,157	0,276
CHR8	18483685	CHR8:18483685	SSF x Far_LoA	-6,85440789	-0,017	0,316
CHR8	18483788	CHR8:18483788	SSF x Far_LoA	-10,0277146	-0,072	0,302
CHR8	18483789	CHR8:18483789	SSF x Far_LoA	-10,2114702	-0,104	0,306
CHR8	18483855	CHR8:18483855	SSF x Far_LoA	-11,0485891	0,003	0,297
CHR8	18483932	CHR8:18483932	SSF x Far_LoA	-9,67748228	0,001	0,291
CHR8	18487172	CHR8:18487172	SSF x Far_LoA	-9,16696542	-0,030	0,307
CHR8	18487187	CHR8:18487187	SSF x Far_LoA	1,87804009	-0,147	0,306
CHR8	18487255	CHR8:18487255	SSF x Far_LoA	-8,05764348	-0,144	0,299
CHR8	18487276	CHR8:18487276	SSF x Far_LoA	-9,65314927	-0,090	0,314
CHR8	18488289	CHR8:18488289	SSF x Far_LoA	-6,28295676	0,084	0,304
CHR8	18488323	CHR8:18488323	SSF x Far_LoA	-10,276869	0,004	0,312
CHR8	18488333	CHR8:18488333	SSF x Far_LoA	-8,32637357	0,087	0,306
CHR8	18488344	CHR8:18488344	SSF x Far_LoA	0,11546082	-0,058	0,295
CHR8	18488362	CHR8:18488362	SSF x Far_LoA	-7,96924116	0,033	0,313
CHR8	18492452	CHR8:18492452	SSF x Far_LoA	4,53197988	0,230	0,292
CHR8	18492468	CHR8:18492468	SSF x Far_LoA	-12,3009458	0,009	0,298
CHR8	18496519	CHR8:18496519	SSF x Far_LoA	-5,52377746	-0,184	0,321
CHR8	18496525	CHR8:18496525	SSF x Far_LoA	-12,0098996	-0,029	0,299
CHR8	18520909	CHR8:18520909	SSF x Far_LoA	-9,29803336	-0,023	0,326
CHR8	18520932	CHR8:18520932	SSF x Far_LoA	-8,54112455	0,026	0,318
CHR8	18520934	CHR8:18520934	SSF x Far_LoA	-8,91933124	-0,050	0,321
CHR8	18520943	CHR8:18520943	SSF x Far_LoA	-12,2303981	-0,037	0,307
CHR8	18525302	CHR8:18525302	SSF x Far_LoA	-10,2937946	-0,075	0,311
CHR8	18541854	CHR8:18541854	SSF x Far_LoA	-7,67853583	0,097	0,304
CHR8	18541873	CHR8:18541873	SSF x Far_LoA	-9,63351704	0,048	0,304

CHR8	18541899	CHR8:18541899	SSF x Far_LoA	-11,1338761	-0,067	0,314
CHR8	18541906	CHR8:18541906	SSF x Far_LoA	-7,99051203	-0,141	0,297
CHR8	18542963	CHR8:18542963	SSF x Far_LoA	-8,70943071	0,108	0,299
CHR8	18543219	CHR8:18543219	SSF x Far_LoA	-4,60702945	0,034	0,315
CHR8	18548646	CHR8:18548646	SSF x Far_LoA	-8,68842191	0,077	0,312
CHR8	18548698	CHR8:18548698	SSF x Far_LoA	-9,61520759	-0,072	0,312
CHR8	18557231	CHR8:18557231	SSF x Far_LoA	-7,94024814	-0,097	0,304
CHR8	18564044	CHR8:18564044	SSF x Far_LoA	-8,44904272	0,014	0,307
CHR8	18564058	CHR8:18564058	SSF x Far_LoA	-9,19921278	0,008	0,313
CHR8	18564187	CHR8:18564187	SSF x Far_LoA	-4,15927317	-0,165	0,293
CHR8	18564228	CHR8:18564228	SSF x Far_LoA	-7,49801695	-0,202	0,295
CHR8	18564236	CHR8:18564236	SSF x Far_LoA	-9,79345208	0,008	0,310
CHR8	18564278	CHR8:18564278	SSF x Far_LoA	-12,6716496	-0,008	0,311
CHR8	18573397	CHR8:18573397	SSF x Far_LoA	-10,3552888	-0,025	0,302
CHR8	18573469	CHR8:18573469	SSF x Far_LoA	-8,90598149	-0,005	0,305
CHR8	18573474	CHR8:18573474	SSF x Far_LoA	-10,4998907	-0,007	0,300
CHR8	18588098	CHR8:18588098	SSF x Far_LoA	-8,64469748	0,155	0,304
CHR8	18593937	CHR8:18593937	SSF x Far_LoA	-3,75582206	0,171	0,305
CHR8	18666488	CHR8:18666488	SSF x Far_LoA	-8,61181755	0,107	0,289
CHR8	18672566	CHR8:18672566	SSF x Far_LoA	-9,67735698	0,038	0,319
CHR8	18672620	CHR8:18672620	SSF x Far_LoA	-10,4742429	-0,073	0,318
CHR8	18672670	CHR8:18672670	SSF x Far_LoA	-8,6823532	-0,084	0,311
CHR8	18672695	CHR8:18672695	SSF x Far_LoA	-10,9073599	-0,081	0,314
CHR8	18672721	CHR8:18672721	SSF x Far_LoA	-8,12866803	0,121	0,292
CHR8	18675513	CHR8:18675513	SSF x Far_LoA	-8,24121261	0,055	0,318
CHR8	18692553	CHR8:18692553	SSF x Far_LoA	-8,78944918	-0,096	0,308
CHR8	18695909	CHR8:18695909	SSF x Far_LoA	-9,74562485	-0,047	0,296
CHR8	18706826	CHR8:18706826	SSF x Far_LoA	-6,94439055	0,136	0,292
CHR8	18726492	CHR8:18726492	SSF x Far_LoA	-8,38728146	0,064	0,302
CHR8	18728255	CHR8:18728255	SSF x Far_LoA	-10,3421274	-0,102	0,298
CHR8	18728513	CHR8:18728513	SSF x Far_LoA	-8,69339289	0,103	0,311
CHR8	18728517	CHR8:18728517	SSF x Far_LoA	-9,17716635	0,134	0,291
CHR8	1873098	CHR8:1873098	SSF x Far_LoA	-9,2431427	-0,074	0,301
CHR8	1873108	CHR8:1873108	SSF x Far_LoA	-11,0346931	-0,058	0,298
CHR8	18735610	CHR8:18735610	SSF x Far_LoA	-5,80741419	0,171	0,296
CHR8	1874660	CHR8:1874660	SSF x Far_LoA	-9,04945469	-0,091	0,294
CHR8	18747846	CHR8:18747846	SSF x Far_LoA	-10,7126028	-0,004	0,297
CHR8	18747975	CHR8:18747975	SSF x Far_LoA	-5,83444467	0,119	0,312
CHR8	1874894	CHR8:1874894	SSF x Far_LoA	-11,2979094	0,089	0,299
CHR8	18758131	CHR8:18758131	SSF x Far_LoA	-9,37898616	-0,010	0,290
CHR8	18768602	CHR8:18768602	SSF x Far_LoA	-10,9380382	-0,004	0,306
CHR8	18768727	CHR8:18768727	SSF x Far_LoA	-9,45710265	-0,081	0,309
CHR8	18768762	CHR8:18768762	SSF x Far_LoA	-6,73746262	0,099	0,297
CHR8	18768814	CHR8:18768814	SSF x Far_LoA	-6,34590074	0,113	0,302
CHR8	18768815	CHR8:18768815	SSF x Far_LoA	-9,77123008	-0,024	0,307
CHR8	18776779	CHR8:18776779	SSF x Far_LoA	-8,36213696	0,007	0,302
CHR8	18776797	CHR8:18776797	SSF x Far_LoA	-10,1569688	-0,076	0,299
CHR8	18776826	CHR8:18776826	SSF x Far_LoA	-10,3196151	0,054	0,304
CHR8	18776833	CHR8:18776833	SSF x Far_LoA	-10,8963924	0,059	0,293
CHR8	18776874	CHR8:18776874	SSF x Far_LoA	-7,84143541	-0,022	0,293
CHR8	18776933	CHR8:18776933	SSF x Far_LoA	-11,3175771	0,025	0,311
CHR8	18783787	CHR8:18783787	SSF x Far_LoA	-7,92705046	0,193	0,302
CHR8	18783821	CHR8:18783821	SSF x Far_LoA	-8,51902902	-0,009	0,319

CHR8	18783822	CHR8:18783822	SSF x Far_LoA	-9,19563664	-0,002	0,307
CHR8	18785642	CHR8:18785642	SSF x Far_LoA	-9,26822767	-0,050	0,312
CHR8	18785649	CHR8:18785649	SSF x Far_LoA	-9,17881957	-0,017	0,303
CHR8	18785672	CHR8:18785672	SSF x Far_LoA	-6,71813366	0,146	0,299
CHR8	18785707	CHR8:18785707	SSF x Far_LoA	-6,28058312	0,088	0,312
CHR8	18785726	CHR8:18785726	SSF x Far_LoA	-9,81186547	-0,063	0,299
CHR8	18785799	CHR8:18785799	SSF x Far_LoA	-11,8742386	-0,090	0,304
CHR8	18785852	CHR8:18785852	SSF x Far_LoA	-9,53819382	-0,033	0,308
CHR8	18798071	CHR8:18798071	SSF x Far_LoA	-7,61061649	0,104	0,297
CHR8	18798076	CHR8:18798076	SSF x Far_LoA	-8,95249705	-0,039	0,303
CHR8	18798077	CHR8:18798077	SSF x Far_LoA	-4,47259779	-0,080	0,303
CHR8	18798132	CHR8:18798132	SSF x Far_LoA	-9,28004498	0,037	0,313
CHR8	18798142	CHR8:18798142	SSF x Far_LoA	-11,2697959	-0,041	0,305
CHR8	18798476	CHR8:18798476	SSF x Far_LoA	-7,23698849	-0,113	0,313
CHR8	18798502	CHR8:18798502	SSF x Far_LoA	-8,35478543	0,054	0,308
CHR8	18798536	CHR8:18798536	SSF x Far_LoA	-8,70352395	0,010	0,304
CHR8	18814642	CHR8:18814642	SSF x Far_LoA	-11,8628903	0,011	0,298
CHR8	18819137	CHR8:18819137	SSF x Far_LoA	-5,57029562	-0,150	0,322
CHR8	18819191	CHR8:18819191	SSF x Far_LoA	-10,6566984	0,066	0,298
CHR8	18819199	CHR8:18819199	SSF x Far_LoA	-8,30120904	0,041	0,310
CHR8	18820807	CHR8:18820807	SSF x Far_LoA	-7,96989557	-0,089	0,299
CHR8	18820818	CHR8:18820818	SSF x Far_LoA	-9,47151069	-0,050	0,320
CHR8	18828583	CHR8:18828583	SSF x Far_LoA	-4,81046834	-0,150	0,313
CHR8	18828587	CHR8:18828587	SSF x Far_LoA	-7,00340724	-0,132	0,303
CHR8	18828670	CHR8:18828670	SSF x Far_LoA	-7,14679881	-0,137	0,317
CHR8	18831568	CHR8:18831568	SSF x Far_LoA	-9,06362877	0,123	0,304
CHR8	18831577	CHR8:18831577	SSF x Far_LoA	-8,88962194	0,097	0,298
CHR8	18831605	CHR8:18831605	SSF x Far_LoA	-5,11542009	-0,133	0,313
CHR8	18835887	CHR8:18835887	SSF x Far_LoA	-7,3041937	-0,005	0,303
CHR8	18841575	CHR8:18841575	SSF x Far_LoA	-11,9841253	0,097	0,296
CHR8	18842665	CHR8:18842665	SSF x Far_LoA	-10,6398697	-0,069	0,300
CHR8	18842694	CHR8:18842694	SSF x Far_LoA	-9,48017225	-0,047	0,307
CHR8	18842721	CHR8:18842721	SSF x Far_LoA	-10,3432804	-0,124	0,295
CHR8	18842740	CHR8:18842740	SSF x Far_LoA	-4,61367215	0,079	0,306
CHR8	18842762	CHR8:18842762	SSF x Far_LoA	-9,40429522	-0,101	0,292
CHR8	18842764	CHR8:18842764	SSF x Far_LoA	-7,19733716	-0,055	0,308
CHR8	18842787	CHR8:18842787	SSF x Far_LoA	-11,2052963	0,057	0,299
CHR8	18842831	CHR8:18842831	SSF x Far_LoA	-11,1264594	0,029	0,308
CHR8	18842844	CHR8:18842844	SSF x Far_LoA	-9,08738062	0,036	0,315
CHR8	1884541	CHR8:1884541	SSF x Far_LoA	-8,8885649	-0,091	0,297
CHR8	18846071	CHR8:18846071	SSF x Far_LoA	-9,89837228	0,006	0,299
CHR8	18846106	CHR8:18846106	SSF x Far_LoA	-7,83051642	0,063	0,303
CHR8	18846227	CHR8:18846227	SSF x Far_LoA	-11,5951718	-0,019	0,299
CHR8	18846228	CHR8:18846228	SSF x Far_LoA	-11,62787	-0,046	0,290
CHR8	18846247	CHR8:18846247	SSF x Far_LoA	-11,2093893	0,002	0,300
CHR8	18847739	CHR8:18847739	SSF x Far_LoA	-9,19443864	-0,013	0,306
CHR8	18847939	CHR8:18847939	SSF x Far_LoA	-8,63386339	0,070	0,321
CHR8	1884801	CHR8:1884801	SSF x Far_LoA	-10,9764055	-0,015	0,302
CHR8	18851552	CHR8:18851552	SSF x Far_LoA	-10,3203857	-0,149	0,303
CHR8	18851587	CHR8:18851587	SSF x Far_LoA	-9,69827204	-0,021	0,292
CHR8	18851617	CHR8:18851617	SSF x Far_LoA	-8,22219142	-0,110	0,305
CHR8	18851713	CHR8:18851713	SSF x Far_LoA	-9,53308952	-0,111	0,280
CHR8	18851735	CHR8:18851735	SSF x Far_LoA	-8,54092068	-0,054	0,302

CHR8	18857615	CHR8:18857615	SSF x Far_LoA	-7,53719432	0,112	0,314
CHR8	18857619	CHR8:18857619	SSF x Far_LoA	-9,84669969	-0,136	0,306
CHR8	18857699	CHR8:18857699	SSF x Far_LoA	-11,225109	0,031	0,297
CHR8	18857702	CHR8:18857702	SSF x Far_LoA	-11,4522689	0,005	0,307
CHR8	18857733	CHR8:18857733	SSF x Far_LoA	-9,50493884	-0,095	0,303
CHR8	18857771	CHR8:18857771	SSF x Far_LoA	-7,08868117	0,083	0,305
CHR8	18862253	CHR8:18862253	SSF x Far_LoA	-8,58141147	0,040	0,308
CHR8	18862259	CHR8:18862259	SSF x Far_LoA	-8,89652277	0,146	0,295
CHR8	18862427	CHR8:18862427	SSF x Far_LoA	-10,1538865	-0,019	0,303
CHR8	18866121	CHR8:18866121	SSF x Far_LoA	-5,50780379	-0,228	0,280
CHR8	18866437	CHR8:18866437	SSF x Far_LoA	-10,2320329	-0,097	0,308
CHR8	18874285	CHR8:18874285	SSF x Far_LoA	-10,7475494	0,047	0,310
CHR8	18874400	CHR8:18874400	SSF x Far_LoA	-5,52062089	0,118	0,317
CHR8	18874432	CHR8:18874432	SSF x Far_LoA	-11,0175887	-0,064	0,313
CHR8	18874433	CHR8:18874433	SSF x Far_LoA	-11,8352647	-0,083	0,302
CHR8	18877574	CHR8:18877574	SSF x Far_LoA	-9,35443309	-0,025	0,303
CHR8	18877710	CHR8:18877710	SSF x Far_LoA	-7,21359425	-0,170	0,300
CHR8	18878700	CHR8:18878700	SSF x Far_LoA	-9,80037185	0,033	0,306
CHR8	18881460	CHR8:18881460	SSF x Far_LoA	-9,95117494	-0,061	0,305
CHR8	18881584	CHR8:18881584	SSF x Far_LoA	-10,0462918	-0,004	0,307
CHR8	18881663	CHR8:18881663	SSF x Far_LoA	-8,97809427	0,013	0,298
CHR8	18881680	CHR8:18881680	SSF x Far_LoA	-8,84195533	0,057	0,289
CHR8	18881726	CHR8:18881726	SSF x Far_LoA	-9,8210114	0,011	0,315
CHR8	18883380	CHR8:18883380	SSF x Far_LoA	-7,83259316	0,039	0,322
CHR8	18883442	CHR8:18883442	SSF x Far_LoA	-9,99695491	0,087	0,292
CHR8	18883552	CHR8:18883552	SSF x Far_LoA	-10,1260954	-0,028	0,306
CHR8	18883557	CHR8:18883557	SSF x Far_LoA	-9,94045867	-0,010	0,301
CHR8	18883566	CHR8:18883566	SSF x Far_LoA	-9,90318738	0,055	0,304
CHR8	18887663	CHR8:18887663	SSF x Far_LoA	-8,57922181	-0,060	0,283
CHR8	18891211	CHR8:18891211	SSF x Far_LoA	-8,92260385	0,065	0,298
CHR8	18891310	CHR8:18891310	SSF x Far_LoA	-10,655176	0,027	0,308
CHR8	18896530	CHR8:18896530	SSF x Far_LoA	-9,73054766	-0,063	0,306
CHR8	18896544	CHR8:18896544	SSF x Far_LoA	-8,69327176	-0,095	0,327
CHR8	18896558	CHR8:18896558	SSF x Far_LoA	-4,81328716	-0,161	0,300
CHR8	18896577	CHR8:18896577	SSF x Far_LoA	-8,72435823	-0,020	0,313
CHR8	18896612	CHR8:18896612	SSF x Far_LoA	-11,8714433	0,048	0,298
CHR8	18896615	CHR8:18896615	SSF x Far_LoA	-7,00359544	0,187	0,298
CHR8	18896630	CHR8:18896630	SSF x Far_LoA	-11,9327813	-0,045	0,301
CHR8	18896638	CHR8:18896638	SSF x Far_LoA	-8,21805002	-0,101	0,310
CHR8	18896662	CHR8:18896662	SSF x Far_LoA	-10,3031113	0,039	0,301
CHR8	18906906	CHR8:18906906	SSF x Far_LoA	-8,6686704	-0,043	0,312
CHR8	18906927	CHR8:18906927	SSF x Far_LoA	-10,8180119	0,061	0,315
CHR8	18906946	CHR8:18906946	SSF x Far_LoA	-11,7661479	0,020	0,298
CHR8	18909955	CHR8:18909955	SSF x Far_LoA	-11,022022	-0,058	0,305
CHR8	18909959	CHR8:18909959	SSF x Far_LoA	-11,1920981	-0,009	0,311
CHR8	18913792	CHR8:18913792	SSF x Far_LoA	-10,9223584	-0,001	0,292
CHR8	18917789	CHR8:18917789	SSF x Far_LoA	-3,5692025	-0,008	0,317
CHR8	18917803	CHR8:18917803	SSF x Far_LoA	-4,36654441	-0,073	0,315
CHR8	18917811	CHR8:18917811	SSF x Far_LoA	-11,5719464	0,105	0,320
CHR8	18917896	CHR8:18917896	SSF x Far_LoA	-11,1665533	-0,071	0,309
CHR8	18925200	CHR8:18925200	SSF x Far_LoA	-10,3945755	0,109	0,296
CHR8	18925343	CHR8:18925343	SSF x Far_LoA	-8,78644756	-0,131	0,305
CHR8	18925574	CHR8:18925574	SSF x Far_LoA	-9,57398837	-0,005	0,312

CHR8	18931388	CHR8:18931388	SSF x Far_LoA	-7,23011369	-0,072	0,300
CHR8	18933355	CHR8:18933355	SSF x Far_LoA	-6,53744931	0,049	0,315
CHR8	18933421	CHR8:18933421	SSF x Far_LoA	-7,70428224	0,028	0,315
CHR8	18933448	CHR8:18933448	SSF x Far_LoA	-8,86762793	0,096	0,307
CHR8	18933467	CHR8:18933467	SSF x Far_LoA	-8,37794876	0,015	0,312
CHR8	18933523	CHR8:18933523	SSF x Far_LoA	-5,89038102	0,136	0,312
CHR8	18933541	CHR8:18933541	SSF x Far_LoA	-10,8598247	-0,067	0,304
CHR8	18935120	CHR8:18935120	SSF x Far_LoA	-6,25851439	0,171	0,307
CHR8	18941741	CHR8:18941741	SSF x Far_LoA	-7,76406707	-0,092	0,301
CHR8	18941743	CHR8:18941743	SSF x Far_LoA	-11,6004815	0,015	0,310
CHR8	18948884	CHR8:18948884	SSF x Far_LoA	-9,50414909	-0,131	0,297
CHR8	18948914	CHR8:18948914	SSF x Far_LoA	-9,35161254	0,030	0,312
CHR8	18955921	CHR8:18955921	SSF x Far_LoA	-8,33646213	-0,057	0,306
CHR8	18957527	CHR8:18957527	SSF x Far_LoA	-10,0529066	-0,014	0,296
CHR8	18957598	CHR8:18957598	SSF x Far_LoA	-9,48860633	-0,047	0,307
CHR8	18958397	CHR8:18958397	SSF x Far_LoA	-9,70625529	-0,098	0,310
CHR8	18958492	CHR8:18958492	SSF x Far_LoA	-6,84647319	0,020	0,310
CHR8	18959367	CHR8:18959367	SSF x Far_LoA	-9,31875884	-0,037	0,324
CHR8	18959409	CHR8:18959409	SSF x Far_LoA	-8,24180933	-0,045	0,318
CHR8	18959459	CHR8:18959459	SSF x Far_LoA	-6,46884396	0,146	0,311
CHR8	18961430	CHR8:18961430	SSF x Far_LoA	-10,9234591	0,047	0,318
CHR8	18961457	CHR8:18961457	SSF x Far_LoA	-6,70916096	0,191	0,301
CHR8	18969077	CHR8:18969077	SSF x Far_LoA	-12,0074528	-0,009	0,321
CHR8	18969088	CHR8:18969088	SSF x Far_LoA	-11,3611895	0,009	0,308
CHR8	18980806	CHR8:18980806	SSF x Far_LoA	-11,1401103	0,001	0,318
CHR8	18981000	CHR8:18981000	SSF x Far_LoA	-10,1572034	-0,060	0,308
CHR8	18981001	CHR8:18981001	SSF x Far_LoA	-10,963624	-0,021	0,311
CHR8	18991143	CHR8:18991143	SSF x Far_LoA	-10,5309731	0,033	0,319
CHR8	18991167	CHR8:18991167	SSF x Far_LoA	-10,5202495	0,029	0,298
CHR8	18991173	CHR8:18991173	SSF x Far_LoA	-11,0269927	0,021	0,287
CHR8	18994378	CHR8:18994378	SSF x Far_LoA	-5,6838249	-0,211	0,310
CHR8	18994439	CHR8:18994439	SSF x Far_LoA	-11,314806	0,008	0,308
CHR8	18994525	CHR8:18994525	SSF x Far_LoA	-9,54793643	-0,021	0,312
CHR8	18999565	CHR8:18999565	SSF x Far_LoA	-10,6863753	-0,006	0,320
CHR8	19000155	CHR8:19000155	SSF x Far_LoA	-11,6187829	0,029	0,291
CHR8	19007260	CHR8:19007260	SSF x Far_LoA	-11,58186	-0,035	0,307
CHR8	19018594	CHR8:19018594	SSF x Far_LoA	-7,69183149	0,001	0,308
CHR8	19018754	CHR8:19018754	SSF x Far_LoA	-7,23717794	-0,135	0,305
CHR8	19019198	CHR8:19019198	SSF x Far_LoA	-7,6825942	0,149	0,306
CHR8	19019223	CHR8:19019223	SSF x Far_LoA	-11,1624056	-0,046	0,310
CHR8	19022672	CHR8:19022672	SSF x Far_LoA	-10,2577047	-0,075	0,301
CHR8	19023743	CHR8:19023743	SSF x Far_LoA	-7,98481141	0,051	0,307
CHR8	19030345	CHR8:19030345	SSF x Far_LoA	-10,1491199	-0,028	0,300
CHR8	19030368	CHR8:19030368	SSF x Far_LoA	-10,25846	0,131	0,300
CHR8	19030369	CHR8:19030369	SSF x Far_LoA	-11,4072178	0,045	0,304
CHR8	19030423	CHR8:19030423	SSF x Far_LoA	-8,12677702	-0,136	0,310
CHR8	19030458	CHR8:19030458	SSF x Far_LoA	-7,43281432	-0,123	0,304
CHR8	19030503	CHR8:19030503	SSF x Far_LoA	-6,65235114	0,022	0,306
CHR8	19033470	CHR8:19033470	SSF x Far_LoA	-8,75070433	-0,076	0,290
CHR8	19033534	CHR8:19033534	SSF x Far_LoA	-10,0179084	0,006	0,298
CHR8	19033617	CHR8:19033617	SSF x Far_LoA	-9,86768001	-0,074	0,291
CHR8	19033648	CHR8:19033648	SSF x Far_LoA	-7,84708008	-0,008	0,315
CHR8	19033743	CHR8:19033743	SSF x Far_LoA	-7,88889345	-0,126	0,284

CHR8	19039524	CHR8:19039524	SSF x Far_LoA	-9,79327763	-0,068	0,305
CHR8	19039545	CHR8:19039545	SSF x Far_LoA	-7,89339961	-0,075	0,302
CHR8	19039586	CHR8:19039586	SSF x Far_LoA	-8,50858433	-0,082	0,300
CHR8	19039612	CHR8:19039612	SSF x Far_LoA	-9,79707094	-0,026	0,303
CHR8	19039761	CHR8:19039761	SSF x Far_LoA	-5,29921352	0,198	0,292
CHR8	19049131	CHR8:19049131	SSF x Far_LoA	-9,53320103	-0,025	0,295
CHR8	19049138	CHR8:19049138	SSF x Far_LoA	-6,56358051	0,043	0,311
CHR8	19049200	CHR8:19049200	SSF x Far_LoA	-8,68026803	0,063	0,298
CHR8	19049205	CHR8:19049205	SSF x Far_LoA	-11,2860275	0,057	0,299
CHR8	19049614	CHR8:19049614	SSF x Far_LoA	-10,0124613	-0,040	0,314
CHR8	19049624	CHR8:19049624	SSF x Far_LoA	-9,0514162	-0,102	0,313
CHR8	19060014	CHR8:19060014	SSF x Far_LoA	-8,92423997	0,021	0,311
CHR8	19060976	CHR8:19060976	SSF x Far_LoA	-6,8769864	0,017	0,303
CHR8	19060977	CHR8:19060977	SSF x Far_LoA	-9,11611871	0,004	0,299
CHR8	19061013	CHR8:19061013	SSF x Far_LoA	-9,73413853	-0,083	0,304
CHR8	19062160	CHR8:19062160	SSF x Far_LoA	-9,18025798	0,070	0,308
CHR8	19080183	CHR8:19080183	SSF x Far_LoA	-8,47830903	0,053	0,317
CHR8	19080202	CHR8:19080202	SSF x Far_LoA	-9,98764109	-0,019	0,322
CHR8	19080461	CHR8:19080461	SSF x Far_LoA	-10,7542137	0,025	0,304
CHR8	19086275	CHR8:19086275	SSF x Far_LoA	-7,47559727	0,022	0,311
CHR8	1908907	CHR8:1908907	SSF x Far_LoA	-10,5724547	0,035	0,310
CHR8	1908996	CHR8:1908996	SSF x Far_LoA	-10,9756101	0,098	0,304
CHR8	19092469	CHR8:19092469	SSF x Far_LoA	-9,61738617	-0,039	0,299
CHR8	19095745	CHR8:19095745	SSF x Far_LoA	-9,89209852	-0,061	0,303
CHR8	19095776	CHR8:19095776	SSF x Far_LoA	-8,22869752	-0,022	0,311
CHR8	19095777	CHR8:19095777	SSF x Far_LoA	-9,20656579	-0,056	0,314
CHR8	19095796	CHR8:19095796	SSF x Far_LoA	-4,5131931	-0,224	0,306
CHR8	19095797	CHR8:19095797	SSF x Far_LoA	-6,30374253	-0,204	0,296
CHR8	19101985	CHR8:19101985	SSF x Far_LoA	-11,360909	0,078	0,293
CHR8	19107503	CHR8:19107503	SSF x Far_LoA	-11,9099109	-0,051	0,319
CHR8	19107617	CHR8:19107617	SSF x Far_LoA	-5,61248121	0,071	0,308
CHR8	19107623	CHR8:19107623	SSF x Far_LoA	-10,2470636	0,057	0,306
CHR8	19111900	CHR8:19111900	SSF x Far_LoA	-9,61015519	-0,084	0,306
CHR8	19111922	CHR8:19111922	SSF x Far_LoA	-9,32275966	-0,034	0,313
CHR8	19111984	CHR8:19111984	SSF x Far_LoA	-6,39395375	-0,120	0,323
CHR8	19112008	CHR8:19112008	SSF x Far_LoA	-9,00650055	0,002	0,321
CHR8	19112012	CHR8:19112012	SSF x Far_LoA	-8,93097771	-0,066	0,313
CHR8	19112041	CHR8:19112041	SSF x Far_LoA	-8,78797421	-0,011	0,321
CHR8	19112054	CHR8:19112054	SSF x Far_LoA	-9,63255196	-0,068	0,304
CHR8	19127218	CHR8:19127218	SSF x Far_LoA	-7,10008124	0,027	0,316
CHR8	19127264	CHR8:19127264	SSF x Far_LoA	-10,3853963	-0,044	0,312
CHR8	19127274	CHR8:19127274	SSF x Far_LoA	-10,4935975	-0,092	0,309
CHR8	19127279	CHR8:19127279	SSF x Far_LoA	-9,20645481	-0,105	0,315
CHR8	19130567	CHR8:19130567	SSF x Far_LoA	-11,0389015	-0,006	0,297
CHR8	19139974	CHR8:19139974	SSF x Far_LoA	-9,21133487	-0,082	0,287
CHR8	19140107	CHR8:19140107	SSF x Far_LoA	-8,98212063	-0,018	0,313
CHR8	19140115	CHR8:19140115	SSF x Far_LoA	-10,5450254	-0,072	0,316
CHR8	19140147	CHR8:19140147	SSF x Far_LoA	-9,05732535	0,017	0,303
CHR8	19152669	CHR8:19152669	SSF x Far_LoA	-6,47532727	-0,052	0,315
CHR8	19152730	CHR8:19152730	SSF x Far_LoA	-8,03524477	-0,046	0,304
CHR8	19157970	CHR8:19157970	SSF x Far_LoA	-7,85662562	0,113	0,314
CHR8	19157971	CHR8:19157971	SSF x Far_LoA	-9,71492774	-0,031	0,305
CHR8	19158017	CHR8:19158017	SSF x Far_LoA	-11,9543294	0,021	0,317

CHR8	19177418	CHR8:19177418	SSF x Far_LoA	-9,4294965	-0,038	0,301
CHR8	19177436	CHR8:19177436	SSF x Far_LoA	-8,74284046	-0,017	0,309
CHR8	19177444	CHR8:19177444	SSF x Far_LoA	-11,5288482	-0,003	0,304
CHR8	19177466	CHR8:19177466	SSF x Far_LoA	-11,6627148	0,030	0,298
CHR8	19187186	CHR8:19187186	SSF x Far_LoA	-11,1209377	0,007	0,303
CHR8	1919164	CHR8:1919164	SSF x Far_LoA	-11,0771708	-0,123	0,305
CHR8	19197080	CHR8:19197080	SSF x Far_LoA	-10,1568969	-0,081	0,302
CHR8	1920538	CHR8:1920538	SSF x Far_LoA	-9,35569869	-0,102	0,296
CHR8	19207546	CHR8:19207546	SSF x Far_LoA	-11,4491078	0,032	0,304
CHR8	19214070	CHR8:19214070	SSF x Far_LoA	-8,75437207	-0,003	0,302
CHR8	19218041	CHR8:19218041	SSF x Far_LoA	-9,70189879	-0,012	0,307
CHR8	19218089	CHR8:19218089	SSF x Far_LoA	-12,1315694	0,035	0,309
CHR8	19221785	CHR8:19221785	SSF x Far_LoA	-11,6927055	0,027	0,310
CHR8	19224623	CHR8:19224623	SSF x Far_LoA	-8,4287072	0,139	0,297
CHR8	19229027	CHR8:19229027	SSF x Far_LoA	-9,79533193	-0,111	0,297
CHR8	19237254	CHR8:19237254	SSF x Far_LoA	-9,45321582	0,064	0,304
CHR8	19237405	CHR8:19237405	SSF x Far_LoA	-8,18681516	0,117	0,302
CHR8	19237469	CHR8:19237469	SSF x Far_LoA	-11,7374367	-0,002	0,295
CHR8	19237485	CHR8:19237485	SSF x Far_LoA	-7,62716561	-0,066	0,303
CHR8	19245261	CHR8:19245261	SSF x Far_LoA	-7,91991193	0,100	0,299
CHR8	19245543	CHR8:19245543	SSF x Far_LoA	-9,999212	0,132	0,296
CHR8	19246765	CHR8:19246765	SSF x Far_LoA	-10,9361274	0,035	0,314
CHR8	19249254	CHR8:19249254	SSF x Far_LoA	-10,4420899	0,148	0,285
CHR8	19249296	CHR8:19249296	SSF x Far_LoA	-8,13062545	0,105	0,297
CHR8	19251708	CHR8:19251708	SSF x Far_LoA	-8,18061945	0,090	0,300
CHR8	19251711	CHR8:19251711	SSF x Far_LoA	-3,59869826	-0,013	0,294
CHR8	19251712	CHR8:19251712	SSF x Far_LoA	-11,2782241	0,125	0,291
CHR8	19251727	CHR8:19251727	SSF x Far_LoA	-7,4781069	0,097	0,301
CHR8	19251729	CHR8:19251729	SSF x Far_LoA	-8,33739778	-0,059	0,304
CHR8	19251750	CHR8:19251750	SSF x Far_LoA	-9,64503497	0,069	0,306
CHR8	19251800	CHR8:19251800	SSF x Far_LoA	-10,5343621	0,012	0,304
CHR8	19251911	CHR8:19251911	SSF x Far_LoA	-8,15898213	0,031	0,322
CHR8	19253517	CHR8:19253517	SSF x Far_LoA	-11,0769756	-0,061	0,303
CHR8	19253540	CHR8:19253540	SSF x Far_LoA	-8,68303585	0,020	0,295
CHR8	19253548	CHR8:19253548	SSF x Far_LoA	-9,86222801	0,047	0,309
CHR8	19253556	CHR8:19253556	SSF x Far_LoA	-7,52530907	0,037	0,298
CHR8	19253565	CHR8:19253565	SSF x Far_LoA	-9,38592457	0,052	0,291
CHR8	19286178	CHR8:19286178	SSF x Far_LoA	-11,3176893	0,033	0,306
CHR8	19286179	CHR8:19286179	SSF x Far_LoA	-8,83721461	0,050	0,319
CHR8	19292050	CHR8:19292050	SSF x Far_LoA	-8,27733145	0,031	0,311
CHR8	19292136	CHR8:19292136	SSF x Far_LoA	-9,19466268	-0,035	0,316
CHR8	19294075	CHR8:19294075	SSF x Far_LoA	-11,3248365	-0,060	0,313
CHR8	19294279	CHR8:19294279	SSF x Far_LoA	-8,54624494	0,079	0,308
CHR8	19294287	CHR8:19294287	SSF x Far_LoA	-8,41319926	-0,101	0,311
CHR8	19294331	CHR8:19294331	SSF x Far_LoA	-8,62005339	0,025	0,304
CHR8	19298646	CHR8:19298646	SSF x Far_LoA	-9,586939	0,009	0,308
CHR8	19302174	CHR8:19302174	SSF x Far_LoA	-11,772617	-0,101	0,306
CHR8	19302203	CHR8:19302203	SSF x Far_LoA	-8,80055311	-0,064	0,320
CHR8	19302294	CHR8:19302294	SSF x Far_LoA	-9,43766761	0,029	0,292
CHR8	19315689	CHR8:19315689	SSF x Far_LoA	-8,85075517	0,079	0,312
CHR8	19315698	CHR8:19315698	SSF x Far_LoA	-10,4550856	-0,026	0,297
CHR8	19315791	CHR8:19315791	SSF x Far_LoA	-11,6248975	-0,046	0,295
CHR8	19315840	CHR8:19315840	SSF x Far_LoA	-11,3029317	-0,060	0,298

CHR8	19315876	CHR8:19315876	SSF x Far_LoA	-9,13382886	-0,012	0,309
CHR8	19315877	CHR8:19315877	SSF x Far_LoA	-11,431049	0,009	0,309
CHR8	19327522	CHR8:19327522	SSF x Far_LoA	-9,59528504	-0,103	0,300
CHR8	19327576	CHR8:19327576	SSF x Far_LoA	-7,85119884	-0,013	0,307
CHR8	19330039	CHR8:19330039	SSF x Far_LoA	-9,29852427	-0,095	0,301
CHR8	19330108	CHR8:19330108	SSF x Far_LoA	-10,4803602	0,017	0,311
CHR8	19330124	CHR8:19330124	SSF x Far_LoA	-8,90300629	0,038	0,314
CHR8	19330206	CHR8:19330206	SSF x Far_LoA	-8,78219428	-0,080	0,315
CHR8	19330211	CHR8:19330211	SSF x Far_LoA	-10,0698301	0,038	0,320
CHR8	19330252	CHR8:19330252	SSF x Far_LoA	-9,17237145	-0,024	0,312
CHR8	19332435	CHR8:19332435	SSF x Far_LoA	-8,40061532	-0,073	0,308
CHR8	19332444	CHR8:19332444	SSF x Far_LoA	-8,87591967	0,028	0,314
CHR8	19339232	CHR8:19339232	SSF x Far_LoA	-8,38564805	-0,104	0,310
CHR8	19349431	CHR8:19349431	SSF x Far_LoA	-4,22069254	0,240	0,265
CHR8	19349452	CHR8:19349452	SSF x Far_LoA	-1,06271642	0,284	0,263
CHR8	19349470	CHR8:19349470	SSF x Far_LoA	-4,4358547	0,226	0,282
CHR8	19351451	CHR8:19351451	SSF x Far_LoA	-10,4308278	0,095	0,301
CHR8	19369216	CHR8:19369216	SSF x Far_LoA	-8,43393225	-0,091	0,304
CHR8	19369249	CHR8:19369249	SSF x Far_LoA	-11,4391217	-0,047	0,305
CHR8	19369462	CHR8:19369462	SSF x Far_LoA	-10,0468701	0,039	0,317
CHR8	19369493	CHR8:19369493	SSF x Far_LoA	-7,19134815	-0,109	0,294
CHR8	19369525	CHR8:19369525	SSF x Far_LoA	-9,17971226	-0,012	0,296
CHR8	19373423	CHR8:19373423	SSF x Far_LoA	-7,30165793	-0,052	0,296
CHR8	19378843	CHR8:19378843	SSF x Far_LoA	-3,89510201	-0,040	0,308
CHR8	19378881	CHR8:19378881	SSF x Far_LoA	-8,8428458	0,034	0,315
CHR8	19379069	CHR8:19379069	SSF x Far_LoA	-9,26206973	-0,020	0,315
CHR8	19379137	CHR8:19379137	SSF x Far_LoA	-7,81335228	-0,088	0,306
CHR8	19379176	CHR8:19379176	SSF x Far_LoA	-8,98958859	-0,054	0,306
CHR8	19379200	CHR8:19379200	SSF x Far_LoA	-11,4793024	-0,009	0,308
CHR8	19384046	CHR8:19384046	SSF x Far_LoA	-9,45797962	-0,104	0,304
CHR8	19384467	CHR8:19384467	SSF x Far_LoA	-10,8017088	0,017	0,289
CHR8	19388617	CHR8:19388617	SSF x Far_LoA	-7,49871606	-0,014	0,312
CHR8	19388664	CHR8:19388664	SSF x Far_LoA	-11,4794316	-0,013	0,301
CHR8	19388774	CHR8:19388774	SSF x Far_LoA	-9,26903638	0,042	0,321
CHR8	19388793	CHR8:19388793	SSF x Far_LoA	-4,01138978	0,083	0,307
CHR8	19388856	CHR8:19388856	SSF x Far_LoA	-8,92023937	0,003	0,324
CHR8	19389962	CHR8:19389962	SSF x Far_LoA	-9,32970322	-0,060	0,288
CHR8	19389981	CHR8:19389981	SSF x Far_LoA	-9,23572711	0,081	0,309
CHR8	19390015	CHR8:19390015	SSF x Far_LoA	-6,88541825	0,186	0,285
CHR8	19415538	CHR8:19415538	SSF x Far_LoA	-7,88581605	-0,106	0,308
CHR8	19418549	CHR8:19418549	SSF x Far_LoA	-10,8206665	-0,143	0,296
CHR8	19421758	CHR8:19421758	SSF x Far_LoA	-11,1520636	0,005	0,303
CHR8	19421810	CHR8:19421810	SSF x Far_LoA	-7,03238804	-0,089	0,301
CHR8	19421842	CHR8:19421842	SSF x Far_LoA	-9,75133703	0,078	0,301
CHR8	194339	CHR8:194339	SSF x Far_LoA	-10,0366492	-0,027	0,309
CHR8	19443324	CHR8:19443324	SSF x Far_LoA	-9,42923778	-0,035	0,292
CHR8	19443486	CHR8:19443486	SSF x Far_LoA	-9,65105274	-0,066	0,309
CHR8	19446601	CHR8:19446601	SSF x Far_LoA	-7,87336396	0,008	0,317
CHR8	19446634	CHR8:19446634	SSF x Far_LoA	-9,68347864	-0,037	0,296
CHR8	19446660	CHR8:19446660	SSF x Far_LoA	-3,7277614	-0,145	0,312
CHR8	19446668	CHR8:19446668	SSF x Far_LoA	-7,59564844	0,058	0,308
CHR8	19446671	CHR8:19446671	SSF x Far_LoA	-9,47574088	0,060	0,309
CHR8	19446677	CHR8:19446677	SSF x Far_LoA	-8,41160324	0,093	0,326

CHR8	19446681	CHR8:19446681	SSF x Far_LoA	-11,9428318	0,025	0,307
CHR8	19446706	CHR8:19446706	SSF x Far_LoA	-9,39108367	0,041	0,307
CHR8	19454339	CHR8:19454339	SSF x Far_LoA	-6,90006104	0,130	0,301
CHR8	19454397	CHR8:19454397	SSF x Far_LoA	-12,1761842	0,025	0,292
CHR8	19454464	CHR8:19454464	SSF x Far_LoA	-11,7009181	0,046	0,291
CHR8	19463563	CHR8:19463563	SSF x Far_LoA	-7,05563527	-0,126	0,316
CHR8	19463619	CHR8:19463619	SSF x Far_LoA	-11,6722668	0,056	0,290
CHR8	19472158	CHR8:19472158	SSF x Far_LoA	-10,0286055	0,073	0,303
CHR8	19475782	CHR8:19475782	SSF x Far_LoA	-7,62206481	0,078	0,325
CHR8	19475798	CHR8:19475798	SSF x Far_LoA	-10,1644793	-0,048	0,319
CHR8	19475828	CHR8:19475828	SSF x Far_LoA	-8,95662374	-0,178	0,298
CHR8	19475860	CHR8:19475860	SSF x Far_LoA	-10,0195927	0,098	0,304
CHR8	19475921	CHR8:19475921	SSF x Far_LoA	-10,2822317	-0,117	0,307
CHR8	19482053	CHR8:19482053	SSF x Far_LoA	-10,8136343	0,102	0,310
CHR8	19482174	CHR8:19482174	SSF x Far_LoA	-11,4737772	-0,063	0,312
CHR8	19482252	CHR8:19482252	SSF x Far_LoA	-8,16821698	-0,031	0,319
CHR8	19482395	CHR8:19482395	SSF x Far_LoA	-8,77976969	0,017	0,309
CHR8	19482402	CHR8:19482402	SSF x Far_LoA	-3,42298774	-0,171	0,306
CHR8	19482420	CHR8:19482420	SSF x Far_LoA	-9,8233083	0,003	0,309
CHR8	19487493	CHR8:19487493	SSF x Far_LoA	-9,45641148	0,011	0,303
CHR8	19487627	CHR8:19487627	SSF x Far_LoA	-7,71093161	-0,028	0,321
CHR8	19487657	CHR8:19487657	SSF x Far_LoA	-6,89417886	0,057	0,322
CHR8	19487692	CHR8:19487692	SSF x Far_LoA	-8,39990051	-0,099	0,296
CHR8	2E+07	CHR8:19509872	SSF x Far_LoA	-11,8139992	0,047	0,291
CHR8	2E+07	CHR8:19512162	SSF x Far_LoA	-8,84183245	0,001	0,309
CHR8	2E+07	CHR8:19519987	SSF x Far_LoA	-10,3266173	0,005	0,303
CHR8	2E+07	CHR8:19520140	SSF x Far_LoA	-8,27951597	-0,061	0,316
CHR8	2E+07	CHR8:19530507	SSF x Far_LoA	-6,28592412	-0,011	0,306
CHR8	2E+07	CHR8:19530519	SSF x Far_LoA	-8,81740982	-0,048	0,312
CHR8	2E+07	CHR8:19530555	SSF x Far_LoA	-8,31978857	-0,041	0,306
CHR8	2E+07	CHR8:19530592	SSF x Far_LoA	-10,3697694	-0,053	0,300
CHR8	2E+07	CHR8:19535501	SSF x Far_LoA	-10,1557737	-0,042	0,313
CHR8	2E+07	CHR8:19539085	SSF x Far_LoA	-8,98086519	-0,060	0,305
CHR8	2E+07	CHR8:19556601	SSF x Far_LoA	-8,52741051	0,029	0,315
CHR8	2E+07	CHR8:19563628	SSF x Far_LoA	-9,08878595	0,061	0,301
CHR8	2E+07	CHR8:19568340	SSF x Far_LoA	-7,68111913	0,118	0,317
CHR8	2E+07	CHR8:19578742	SSF x Far_LoA	-8,01687033	0,133	0,310
CHR8	2E+07	CHR8:19582712	SSF x Far_LoA	-9,44310695	0,106	0,307
CHR8	2E+07	CHR8:19586458	SSF x Far_LoA	-9,96948266	0,104	0,305
CHR8	2E+07	CHR8:19586464	SSF x Far_LoA	-6,50934196	0,043	0,309
CHR8	2E+07	CHR8:19586587	SSF x Far_LoA	-9,38841513	0,067	0,314
CHR8	2E+07	CHR8:19590080	SSF x Far_LoA	-5,61646204	0,015	0,302
CHR8	2E+07	CHR8:19590100	SSF x Far_LoA	-8,33486743	-0,017	0,303
CHR8	2E+07	CHR8:19598033	SSF x Far_LoA	-9,00627304	-0,099	0,308
CHR8	2E+07	CHR8:19598103	SSF x Far_LoA	-9,62734698	0,014	0,310
CHR8	2E+07	CHR8:19598104	SSF x Far_LoA	-7,91992994	-0,070	0,312
CHR8	2E+07	CHR8:19598111	SSF x Far_LoA	-5,16349797	-0,028	0,319
CHR8	2E+07	CHR8:19598119	SSF x Far_LoA	-7,76894839	-0,046	0,303
CHR8	2E+07	CHR8:19603743	SSF x Far_LoA	-7,74710067	-0,069	0,300
CHR8	2E+07	CHR8:19603773	SSF x Far_LoA	2,01295118	0,212	0,285
CHR8	2E+07	CHR8:19603793	SSF x Far_LoA	-10,0760679	0,046	0,290
CHR8	2E+07	CHR8:19603861	SSF x Far_LoA	-9,57353244	-0,036	0,308
CHR8	2E+07	CHR8:19613916	SSF x Far_LoA	-10,1036094	-0,095	0,323

CHR8	2E+07	CHR8:19613928	SSF x Far_LoA	-10,4541026	-0,099	0,298
CHR8	2E+07	CHR8:19613940	SSF x Far_LoA	-10,0095192	-0,094	0,324
CHR8	2E+07	CHR8:19613953	SSF x Far_LoA	-11,8457317	-0,087	0,299
CHR8	2E+07	CHR8:19616005	SSF x Far_LoA	-10,324441	0,066	0,306
CHR8	2E+07	CHR8:19626552	SSF x Far_LoA	-6,54754162	0,002	0,313
CHR8	2E+07	CHR8:19626671	SSF x Far_LoA	-6,47872625	0,145	0,298
CHR8	2E+07	CHR8:19630375	SSF x Far_LoA	-6,85482438	0,172	0,298
CHR8	2E+07	CHR8:19630387	SSF x Far_LoA	-2,69864688	0,150	0,302
CHR8	2E+07	CHR8:19630400	SSF x Far_LoA	-8,57720045	0,147	0,303
CHR8	2E+07	CHR8:19630441	SSF x Far_LoA	-8,12238184	0,006	0,330
CHR8	2E+07	CHR8:19671352	SSF x Far_LoA	-11,86282	-0,038	0,307
CHR8	2E+07	CHR8:19671356	SSF x Far_LoA	-4,73786538	-0,027	0,311
CHR8	2E+07	CHR8:19687017	SSF x Far_LoA	-6,06506775	0,124	0,311
CHR8	2E+07	CHR8:19687082	SSF x Far_LoA	-10,5621614	0,165	0,300
CHR8	2E+07	CHR8:19687111	SSF x Far_LoA	-5,460617	-0,076	0,298
CHR8	2E+07	CHR8:19691050	SSF x Far_LoA	-9,37919275	-0,182	0,301
CHR8	2E+07	CHR8:19691061	SSF x Far_LoA	-10,1066752	0,006	0,306
CHR8	2E+07	CHR8:19691103	SSF x Far_LoA	-11,2184879	0,028	0,320
CHR8	2E+07	CHR8:19691108	SSF x Far_LoA	-3,68997336	0,013	0,313
CHR8	2E+07	CHR8:19691129	SSF x Far_LoA	-8,70505881	0,054	0,313
CHR8	2E+07	CHR8:19691142	SSF x Far_LoA	-5,68031284	-0,171	0,311
CHR8	2E+07	CHR8:19691144	SSF x Far_LoA	-9,00735676	-0,159	0,306
CHR8	2E+07	CHR8:19696274	SSF x Far_LoA	-9,27769998	0,018	0,309
CHR8	2E+07	CHR8:19696376	SSF x Far_LoA	-6,76762121	-0,143	0,303
CHR8	2E+07	CHR8:19707788	SSF x Far_LoA	-8,34390266	0,107	0,307
CHR8	2E+07	CHR8:19707793	SSF x Far_LoA	-10,4386685	0,041	0,309
CHR8	2E+07	CHR8:19723761	SSF x Far_LoA	-8,84003942	0,008	0,323
CHR8	2E+07	CHR8:19723817	SSF x Far_LoA	-7,39092004	-0,133	0,307
CHR8	2E+07	CHR8:19734244	SSF x Far_LoA	-7,73901424	-0,109	0,293
CHR8	2E+07	CHR8:19736188	SSF x Far_LoA	-2,27712614	0,165	0,298
CHR8	2E+07	CHR8:19736244	SSF x Far_LoA	-10,0932864	0,044	0,314
CHR8	2E+07	CHR8:19738109	SSF x Far_LoA	-9,72003612	-0,102	0,297
CHR8	2E+07	CHR8:19738115	SSF x Far_LoA	-10,294914	-0,118	0,300
CHR8	2E+07	CHR8:19738116	SSF x Far_LoA	-10,7763174	-0,004	0,304
CHR8	2E+07	CHR8:19738180	SSF x Far_LoA	-8,01561165	0,005	0,309
CHR8	2E+07	CHR8:19738343	SSF x Far_LoA	-10,7504062	0,041	0,306
CHR8	2E+07	CHR8:19765169	SSF x Far_LoA	-9,87948141	-0,016	0,314
CHR8	2E+07	CHR8:19774730	SSF x Far_LoA	-11,1647836	0,064	0,314
CHR8	2E+07	CHR8:19774731	SSF x Far_LoA	-11,1176463	0,078	0,305
CHR8	2E+07	CHR8:19780785	SSF x Far_LoA	-10,0150449	0,046	0,300
CHR8	2E+07	CHR8:19780827	SSF x Far_LoA	-8,99059456	0,151	0,302
CHR8	2E+07	CHR8:19780869	SSF x Far_LoA	-8,91338189	-0,010	0,301
CHR8	2E+07	CHR8:19780883	SSF x Far_LoA	-8,32028944	0,142	0,309
CHR8	1978230	CHR8:1978230	SSF x Far_LoA	-9,11564604	-0,026	0,307
CHR8	1978256	CHR8:1978256	SSF x Far_LoA	-9,57632842	0,098	0,313
CHR8	2E+07	CHR8:19788217	SSF x Far_LoA	-9,86683257	-0,073	0,299
CHR8	2E+07	CHR8:19804342	SSF x Far_LoA	-7,90540071	0,040	0,309
CHR8	2E+07	CHR8:19805843	SSF x Far_LoA	-9,15879627	-0,048	0,297
CHR8	2E+07	CHR8:19805915	SSF x Far_LoA	-6,71188978	0,072	0,311
CHR8	2E+07	CHR8:19805972	SSF x Far_LoA	-10,096267	0,026	0,303
CHR8	2E+07	CHR8:19806014	SSF x Far_LoA	-6,8360949	0,046	0,299
CHR8	2E+07	CHR8:19812363	SSF x Far_LoA	-11,6176012	0,093	0,311
CHR8	2E+07	CHR8:19812384	SSF x Far_LoA	-8,76731234	-0,120	0,322

CHR8	2E+07	CHR8:19820198	SSF x Far_LoA	-8,8462576	-0,068	0,303
CHR8	2E+07	CHR8:19820222	SSF x Far_LoA	-10,1335885	0,121	0,288
CHR8	2E+07	CHR8:19820274	SSF x Far_LoA	-10,1471431	0,003	0,319
CHR8	2E+07	CHR8:19831413	SSF x Far_LoA	-5,36060538	-0,210	0,310
CHR8	2E+07	CHR8:19831503	SSF x Far_LoA	-8,93629044	0,095	0,309
CHR8	2E+07	CHR8:19832393	SSF x Far_LoA	-10,1682282	-0,108	0,306
CHR8	2E+07	CHR8:19832405	SSF x Far_LoA	-9,86462903	0,052	0,306
CHR8	2E+07	CHR8:19842700	SSF x Far_LoA	-12,4521846	0,036	0,300
CHR8	2E+07	CHR8:19842738	SSF x Far_LoA	-2,74322971	0,216	0,285
CHR8	2E+07	CHR8:19842797	SSF x Far_LoA	-8,10798747	-0,111	0,311
CHR8	2E+07	CHR8:19843235	SSF x Far_LoA	-9,28806072	-0,133	0,294
CHR8	2E+07	CHR8:19843277	SSF x Far_LoA	-2,53762704	0,305	0,278
CHR8	2E+07	CHR8:19846411	SSF x Far_LoA	-8,48102999	-0,054	0,329
CHR8	2E+07	CHR8:19846578	SSF x Far_LoA	-10,1934253	0,090	0,307
CHR8	2E+07	CHR8:19846667	SSF x Far_LoA	-8,69376287	0,133	0,310
CHR8	2E+07	CHR8:19848497	SSF x Far_LoA	-8,3844349	-0,011	0,316
CHR8	2E+07	CHR8:19848515	SSF x Far_LoA	-11,3854245	0,025	0,307
CHR8	2E+07	CHR8:19852450	SSF x Far_LoA	-12,3571871	0,024	0,293
CHR8	2E+07	CHR8:19852464	SSF x Far_LoA	-8,67328786	-0,023	0,316
CHR8	2E+07	CHR8:19852570	SSF x Far_LoA	-7,05274711	-0,050	0,314
CHR8	2E+07	CHR8:19857198	SSF x Far_LoA	-9,14172324	-0,017	0,304
CHR8	2E+07	CHR8:19857239	SSF x Far_LoA	-3,38964267	0,004	0,311
CHR8	2E+07	CHR8:19859416	SSF x Far_LoA	-9,59064301	-0,064	0,302
CHR8	2E+07	CHR8:19859614	SSF x Far_LoA	-8,99556397	0,039	0,307
CHR8	2E+07	CHR8:19859693	SSF x Far_LoA	-8,5780912	0,011	0,308
CHR8	2E+07	CHR8:19877134	SSF x Far_LoA	-10,8934416	-0,091	0,306
CHR8	2E+07	CHR8:19877141	SSF x Far_LoA	-8,27794528	0,002	0,305
CHR8	2E+07	CHR8:19877201	SSF x Far_LoA	-8,86157227	-0,075	0,321
CHR8	2E+07	CHR8:19877348	SSF x Far_LoA	-9,46511981	-0,085	0,316
CHR8	2E+07	CHR8:19877350	SSF x Far_LoA	-10,2448128	-0,038	0,316
CHR8	2E+07	CHR8:19884866	SSF x Far_LoA	-8,67490229	0,099	0,304
CHR8	2E+07	CHR8:19884891	SSF x Far_LoA	-7,41395596	0,073	0,311
CHR8	2E+07	CHR8:19886874	SSF x Far_LoA	-10,0796249	0,008	0,308
CHR8	2E+07	CHR8:19886889	SSF x Far_LoA	-8,46224746	-0,092	0,319
CHR8	2E+07	CHR8:19893520	SSF x Far_LoA	-6,80986754	0,135	0,303
CHR8	2E+07	CHR8:19893699	SSF x Far_LoA	-7,60464513	0,203	0,287
CHR8	2E+07	CHR8:19901748	SSF x Far_LoA	-8,87845359	-0,002	0,324
CHR8	2E+07	CHR8:19901751	SSF x Far_LoA	-6,83547132	-0,073	0,314
CHR8	2E+07	CHR8:19901755	SSF x Far_LoA	-6,37621067	-0,179	0,287
CHR8	2E+07	CHR8:19904008	SSF x Far_LoA	-9,53714082	0,133	0,295
CHR8	2E+07	CHR8:19904566	SSF x Far_LoA	-11,1708629	-0,011	0,310
CHR8	2E+07	CHR8:19904586	SSF x Far_LoA	-11,0242783	-0,106	0,302
CHR8	2E+07	CHR8:19904611	SSF x Far_LoA	-9,12799976	-0,044	0,319
CHR8	2E+07	CHR8:19904627	SSF x Far_LoA	-3,40801925	0,009	0,312
CHR8	2E+07	CHR8:19905292	SSF x Far_LoA	-8,38125782	-0,094	0,315
CHR8	2E+07	CHR8:19911423	SSF x Far_LoA	-9,99015471	-0,045	0,299
CHR8	2E+07	CHR8:19911470	SSF x Far_LoA	-3,24366379	-0,032	0,315
CHR8	2E+07	CHR8:19911485	SSF x Far_LoA	-10,0145374	0,022	0,302
CHR8	2E+07	CHR8:19922265	SSF x Far_LoA	-9,92836144	-0,017	0,294
CHR8	2E+07	CHR8:19928968	SSF x Far_LoA	-11,1315734	-0,029	0,307
CHR8	2E+07	CHR8:19929550	SSF x Far_LoA	-10,4882184	-0,030	0,295
CHR8	2E+07	CHR8:19949360	SSF x Far_LoA	-9,48442422	-0,027	0,304
CHR8	2E+07	CHR8:19955967	SSF x Far_LoA	-7,54997577	0,079	0,310

CHR8	2E+07	CHR8:19966898	SSF x Far_LoA	-9,62380099	-0,052	0,294
CHR8	2E+07	CHR8:19966926	SSF x Far_LoA	-7,06617617	0,167	0,296
CHR8	2E+07	CHR8:19966976	SSF x Far_LoA	-7,37393066	0,017	0,307
CHR8	2E+07	CHR8:19966979	SSF x Far_LoA	-10,3766195	0,000	0,312
CHR8	2E+07	CHR8:19966988	SSF x Far_LoA	-8,49041086	-0,009	0,303
CHR8	1996708	CHR8:1996708	SSF x Far_LoA	-7,7477218	-0,026	0,322
CHR8	2E+07	CHR8:19967143	SSF x Far_LoA	-10,9331234	-0,018	0,305
CHR8	2E+07	CHR8:19979512	SSF x Far_LoA	-9,60740662	0,048	0,307
CHR8	2E+07	CHR8:19982348	SSF x Far_LoA	-8,2916013	-0,100	0,298
CHR8	2E+07	CHR8:19982385	SSF x Far_LoA	-7,01617076	-0,054	0,300
CHR8	2E+07	CHR8:19982392	SSF x Far_LoA	-10,9862182	-0,048	0,311
CHR8	2E+07	CHR8:19982429	SSF x Far_LoA	-5,51001317	0,213	0,302
CHR8	2E+07	CHR8:19982434	SSF x Far_LoA	-6,25292798	0,178	0,304
CHR8	2E+07	CHR8:19982450	SSF x Far_LoA	-7,60860436	-0,105	0,305
CHR8	2E+07	CHR8:19984221	SSF x Far_LoA	-9,85042368	0,034	0,305
CHR8	2E+07	CHR8:19984235	SSF x Far_LoA	-9,08233089	-0,068	0,308
CHR8	2E+07	CHR8:19986176	SSF x Far_LoA	-8,39981279	0,022	0,290
CHR8	2E+07	CHR8:19986731	SSF x Far_LoA	-9,24633113	0,094	0,306
CHR8	2E+07	CHR8:19999784	SSF x Far_LoA	-8,22302967	-0,058	0,310
CHR8	2E+07	CHR8:19999838	SSF x Far_LoA	-9,23129582	-0,009	0,318
CHR8	2E+07	CHR8:20000687	SSF x Far_LoA	-9,66827681	-0,043	0,320
CHR8	2E+07	CHR8:20004856	SSF x Far_LoA	-11,1616068	-0,008	0,298
CHR8	2E+07	CHR8:20004896	SSF x Far_LoA	-4,05296622	-0,172	0,307
CHR8	2E+07	CHR8:20005033	SSF x Far_LoA	-10,3649951	0,014	0,315
CHR8	2E+07	CHR8:20005063	SSF x Far_LoA	-7,43910999	-0,154	0,303
CHR8	2E+07	CHR8:20009300	SSF x Far_LoA	-10,9943625	-0,038	0,303
CHR8	2E+07	CHR8:20010163	SSF x Far_LoA	-7,70764993	0,075	0,303
CHR8	2E+07	CHR8:20014796	SSF x Far_LoA	-6,40705137	-0,133	0,314
CHR8	2E+07	CHR8:20014807	SSF x Far_LoA	-9,76249291	0,044	0,290
CHR8	2E+07	CHR8:20014846	SSF x Far_LoA	-8,25790432	0,045	0,291
CHR8	2E+07	CHR8:20014908	SSF x Far_LoA	-10,4944787	-0,071	0,305
CHR8	2E+07	CHR8:20014978	SSF x Far_LoA	-11,0777475	-0,054	0,305
CHR8	2E+07	CHR8:20018496	SSF x Far_LoA	-10,6208302	-0,057	0,310
CHR8	2E+07	CHR8:20018554	SSF x Far_LoA	-6,40092797	0,126	0,308
CHR8	2E+07	CHR8:20020670	SSF x Far_LoA	-12,0950449	0,065	0,310
CHR8	2E+07	CHR8:20021471	SSF x Far_LoA	-10,1224852	-0,027	0,311
CHR8	2E+07	CHR8:20021478	SSF x Far_LoA	-7,3116667	0,073	0,305
CHR8	2E+07	CHR8:20021493	SSF x Far_LoA	-7,0206227	-0,045	0,307
CHR8	2E+07	CHR8:20021542	SSF x Far_LoA	-8,27740431	-0,017	0,312
CHR8	2E+07	CHR8:20029920	SSF x Far_LoA	-8,80924247	0,027	0,299
CHR8	2E+07	CHR8:20029928	SSF x Far_LoA	-8,29044207	-0,043	0,328
CHR8	2E+07	CHR8:20030170	SSF x Far_LoA	-10,5723166	0,030	0,311
CHR8	2E+07	CHR8:20035616	SSF x Far_LoA	-8,32072486	-0,015	0,309
CHR8	2E+07	CHR8:20035657	SSF x Far_LoA	-9,45991107	-0,008	0,299
CHR8	2E+07	CHR8:20035659	SSF x Far_LoA	-11,3573397	-0,078	0,300
CHR8	2E+07	CHR8:20035671	SSF x Far_LoA	-11,433633	-0,058	0,296
CHR8	2E+07	CHR8:20035692	SSF x Far_LoA	-11,3792272	-0,007	0,315
CHR8	2E+07	CHR8:20035698	SSF x Far_LoA	-12,1458337	-0,034	0,310
CHR8	2E+07	CHR8:20035710	SSF x Far_LoA	-11,6426178	-0,019	0,301
CHR8	2E+07	CHR8:20035791	SSF x Far_LoA	-8,68643054	0,077	0,315
CHR8	2E+07	CHR8:20035830	SSF x Far_LoA	-9,10313247	-0,092	0,294
CHR8	2E+07	CHR8:20035920	SSF x Far_LoA	-9,27492934	0,092	0,313
CHR8	2E+07	CHR8:20040601	SSF x Far_LoA	-9,45708933	0,022	0,302

CHR8	2E+07	CHR8:20040612	SSF x Far_LoA	-11,9232224	0,016	0,303
CHR8	2E+07	CHR8:20040613	SSF x Far_LoA	-9,15618474	-0,001	0,303
CHR8	2E+07	CHR8:20040638	SSF x Far_LoA	-8,66234921	0,016	0,307
CHR8	2E+07	CHR8:20043069	SSF x Far_LoA	-10,5280589	0,106	0,295
CHR8	2E+07	CHR8:20043141	SSF x Far_LoA	-7,11533269	0,060	0,290
CHR8	2E+07	CHR8:20043202	SSF x Far_LoA	-6,81569105	0,138	0,288
CHR8	2E+07	CHR8:20051363	SSF x Far_LoA	-9,4145551	0,025	0,308
CHR8	2E+07	CHR8:20051585	SSF x Far_LoA	-9,0415098	-0,039	0,309
CHR8	2E+07	CHR8:20053166	SSF x Far_LoA	-9,0012905	-0,023	0,306
CHR8	2E+07	CHR8:20055684	SSF x Far_LoA	-9,49200946	-0,049	0,313
CHR8	2E+07	CHR8:20055695	SSF x Far_LoA	2,55400696	-0,032	0,320
CHR8	2E+07	CHR8:20055863	SSF x Far_LoA	-10,940282	0,002	0,303
CHR8	2E+07	CHR8:20057633	SSF x Far_LoA	-5,63591452	-0,167	0,286
CHR8	2E+07	CHR8:20060400	SSF x Far_LoA	-4,92267199	0,081	0,304
CHR8	2E+07	CHR8:20060428	SSF x Far_LoA	-8,10962894	0,119	0,310
CHR8	2E+07	CHR8:20060429	SSF x Far_LoA	-7,17010044	0,068	0,312
CHR8	2E+07	CHR8:20069585	SSF x Far_LoA	-9,48887157	0,104	0,287
CHR8	2E+07	CHR8:20072089	SSF x Far_LoA	-6,43065271	0,173	0,308
CHR8	2E+07	CHR8:20073415	SSF x Far_LoA	-6,62314663	0,014	0,308
CHR8	2E+07	CHR8:20073571	SSF x Far_LoA	-6,32418744	0,122	0,292
CHR8	2E+07	CHR8:20078102	SSF x Far_LoA	-8,24102301	-0,095	0,293
CHR8	2E+07	CHR8:20078148	SSF x Far_LoA	3,57714415	-0,073	0,301
CHR8	2E+07	CHR8:20078275	SSF x Far_LoA	-6,69351181	-0,155	0,290
CHR8	2E+07	CHR8:20078279	SSF x Far_LoA	-7,99972058	-0,104	0,311
CHR8	2008702	CHR8:2008702	SSF x Far_LoA	-10,1393184	0,053	0,294
CHR8	2008723	CHR8:2008723	SSF x Far_LoA	-9,60226669	0,003	0,298
CHR8	2008800	CHR8:2008800	SSF x Far_LoA	-8,66627086	0,066	0,294
CHR8	2009374	CHR8:2009374	SSF x Far_LoA	-6,5668813	-0,116	0,301
CHR8	2E+07	CHR8:20096100	SSF x Far_LoA	-0,17523033	0,202	0,278
CHR8	2E+07	CHR8:20096203	SSF x Far_LoA	-5,95632436	0,020	0,310
CHR8	2E+07	CHR8:20100042	SSF x Far_LoA	-11,2271876	0,020	0,297
CHR8	2E+07	CHR8:20100136	SSF x Far_LoA	-7,31745653	-0,010	0,319
CHR8	2E+07	CHR8:20102405	SSF x Far_LoA	-7,9117718	0,094	0,315
CHR8	2E+07	CHR8:20102414	SSF x Far_LoA	-7,14209479	0,068	0,313
CHR8	2E+07	CHR8:20102415	SSF x Far_LoA	-8,52501571	0,060	0,304
CHR8	2E+07	CHR8:20102496	SSF x Far_LoA	-9,26159892	-0,171	0,306
CHR8	2E+07	CHR8:20104134	SSF x Far_LoA	-10,6335335	-0,118	0,304
CHR8	2E+07	CHR8:20107618	SSF x Far_LoA	-9,69524512	-0,048	0,308
CHR8	2E+07	CHR8:20107680	SSF x Far_LoA	-7,25093187	0,144	0,301
CHR8	2E+07	CHR8:20108475	SSF x Far_LoA	-10,7848165	0,022	0,303
CHR8	2E+07	CHR8:20112701	SSF x Far_LoA	-7,61486315	-0,184	0,311
CHR8	2E+07	CHR8:20112731	SSF x Far_LoA	-8,33619477	0,135	0,296
CHR8	2E+07	CHR8:20112781	SSF x Far_LoA	-3,90971069	-0,195	0,300
CHR8	2E+07	CHR8:20119440	SSF x Far_LoA	-9,11751323	-0,055	0,308
CHR8	2E+07	CHR8:20119500	SSF x Far_LoA	-8,99816717	-0,006	0,312
CHR8	2E+07	CHR8:20120624	SSF x Far_LoA	-5,66134681	-0,150	0,310
CHR8	2E+07	CHR8:20120662	SSF x Far_LoA	-10,6465319	-0,061	0,318
CHR8	2E+07	CHR8:20120713	SSF x Far_LoA	-4,96935367	0,023	0,317
CHR8	2E+07	CHR8:20122467	SSF x Far_LoA	-8,80067968	-0,060	0,304
CHR8	2E+07	CHR8:20124607	SSF x Far_LoA	-9,98185385	0,019	0,307
CHR8	2E+07	CHR8:20141823	SSF x Far_LoA	-9,23445445	-0,005	0,319
CHR8	2E+07	CHR8:20169296	SSF x Far_LoA	-10,5897225	-0,036	0,306
CHR8	2E+07	CHR8:20169329	SSF x Far_LoA	-7,62638774	-0,025	0,299

CHR8	2E+07	CHR8:20169358	SSF x Far_LoA	-5,26534067	-0,118	0,304
CHR8	2E+07	CHR8:20169417	SSF x Far_LoA	-9,7470648	0,023	0,317
CHR8	2E+07	CHR8:20169457	SSF x Far_LoA	-11,0138361	-0,026	0,300
CHR8	2017152	CHR8:2017152	SSF x Far_LoA	-8,4107218	-0,128	0,311
CHR8	2E+07	CHR8:20171538	SSF x Far_LoA	-8,79930433	-0,075	0,304
CHR8	2E+07	CHR8:20171576	SSF x Far_LoA	-6,45643858	-0,140	0,305
CHR8	2E+07	CHR8:20171577	SSF x Far_LoA	-9,60826787	-0,140	0,301
CHR8	2E+07	CHR8:20172002	SSF x Far_LoA	-2,53064235	-0,155	0,314
CHR8	2E+07	CHR8:20172013	SSF x Far_LoA	-9,06469718	0,030	0,317
CHR8	2E+07	CHR8:20177617	SSF x Far_LoA	-9,81081358	0,099	0,301
CHR8	2E+07	CHR8:20186751	SSF x Far_LoA	-9,77335681	-0,052	0,302
CHR8	2E+07	CHR8:20191030	SSF x Far_LoA	-10,3220787	-0,144	0,312
CHR8	2E+07	CHR8:20191892	SSF x Far_LoA	-8,74148874	0,051	0,310
CHR8	2E+07	CHR8:20191964	SSF x Far_LoA	-9,07049575	-0,032	0,312
CHR8	2E+07	CHR8:20192018	SSF x Far_LoA	-6,58033133	-0,110	0,306
CHR8	2E+07	CHR8:20193477	SSF x Far_LoA	-9,51755229	0,133	0,301
CHR8	2E+07	CHR8:20193599	SSF x Far_LoA	-8,58269786	-0,179	0,297
CHR8	2E+07	CHR8:20201047	SSF x Far_LoA	-10,7287911	0,058	0,318
CHR8	2E+07	CHR8:20201244	SSF x Far_LoA	-6,77077665	0,133	0,296
CHR8	2020332	CHR8:2020332	SSF x Far_LoA	-9,10877339	0,019	0,306
CHR8	2020411	CHR8:2020411	SSF x Far_LoA	-9,68401619	0,140	0,290
CHR8	2020432	CHR8:2020432	SSF x Far_LoA	-8,73978946	-0,017	0,315
CHR8	2020452	CHR8:2020452	SSF x Far_LoA	-9,91593881	0,022	0,288
CHR8	2020480	CHR8:2020480	SSF x Far_LoA	-10,7467713	-0,044	0,308
CHR8	2E+07	CHR8:20208095	SSF x Far_LoA	-7,75579392	0,096	0,302
CHR8	2E+07	CHR8:20208103	SSF x Far_LoA	-10,1763044	0,007	0,310
CHR8	2E+07	CHR8:20208138	SSF x Far_LoA	-10,9753219	-0,040	0,292
CHR8	2E+07	CHR8:20211929	SSF x Far_LoA	-10,5401153	0,050	0,309
CHR8	202279	CHR8:202279	SSF x Far_LoA	-9,02352657	0,057	0,308
CHR8	2E+07	CHR8:20232609	SSF x Far_LoA	-10,458994	0,074	0,310
CHR8	2E+07	CHR8:20232611	SSF x Far_LoA	-9,05387101	0,079	0,298
CHR8	2E+07	CHR8:20232781	SSF x Far_LoA	-8,86306418	0,043	0,297
CHR8	2E+07	CHR8:20254343	SSF x Far_LoA	-10,7800845	0,029	0,304
CHR8	2E+07	CHR8:20254366	SSF x Far_LoA	-9,48592925	-0,031	0,312
CHR8	2E+07	CHR8:20256514	SSF x Far_LoA	-9,21584392	0,007	0,309
CHR8	2E+07	CHR8:20256612	SSF x Far_LoA	-11,6072655	-0,080	0,308
CHR8	2E+07	CHR8:20256642	SSF x Far_LoA	-5,73540821	-0,088	0,302
CHR8	2E+07	CHR8:20262424	SSF x Far_LoA	-10,4152705	-0,094	0,294
CHR8	2E+07	CHR8:20272754	SSF x Far_LoA	-10,5188267	0,048	0,300
CHR8	2E+07	CHR8:20277096	SSF x Far_LoA	-7,05231116	0,049	0,313
CHR8	2E+07	CHR8:20285151	SSF x Far_LoA	-6,55942934	-0,113	0,310
CHR8	2E+07	CHR8:20285193	SSF x Far_LoA	-11,3845658	0,097	0,297
CHR8	2E+07	CHR8:20310315	SSF x Far_LoA	-9,79046259	0,148	0,303
CHR8	2E+07	CHR8:20311922	SSF x Far_LoA	-8,85703225	0,146	0,312
CHR8	2E+07	CHR8:20324672	SSF x Far_LoA	-9,55941725	0,072	0,298
CHR8	2E+07	CHR8:20335580	SSF x Far_LoA	-7,71124344	-0,119	0,311
CHR8	2E+07	CHR8:20335679	SSF x Far_LoA	-7,66396885	0,074	0,311
CHR8	2E+07	CHR8:20335789	SSF x Far_LoA	-9,47424728	-0,014	0,297
CHR8	2E+07	CHR8:20335816	SSF x Far_LoA	-11,1856553	0,037	0,302
CHR8	2E+07	CHR8:20341574	SSF x Far_LoA	-8,48537325	0,037	0,305
CHR8	2E+07	CHR8:20341579	SSF x Far_LoA	-9,56908896	-0,112	0,301
CHR8	2E+07	CHR8:20341724	SSF x Far_LoA	-10,6333483	0,055	0,302
CHR8	2E+07	CHR8:20343066	SSF x Far_LoA	-10,9889313	-0,006	0,306

CHR8	2E+07	CHR8:20343153	SSF x Far_LoA	-10,8051491	0,059	0,309
CHR8	2E+07	CHR8:20343204	SSF x Far_LoA	-10,4502851	0,125	0,311
CHR8	2E+07	CHR8:20346438	SSF x Far_LoA	-7,61894847	0,066	0,301
CHR8	2E+07	CHR8:20346501	SSF x Far_LoA	-5,06045469	-0,188	0,305
CHR8	2E+07	CHR8:20346936	SSF x Far_LoA	-9,31131173	-0,045	0,292
CHR8	2E+07	CHR8:20346975	SSF x Far_LoA	-6,27791728	0,088	0,304
CHR8	2E+07	CHR8:20351238	SSF x Far_LoA	-9,63826156	-0,013	0,302
CHR8	2E+07	CHR8:20357117	SSF x Far_LoA	-11,3318988	-0,061	0,303
CHR8	2E+07	CHR8:20357137	SSF x Far_LoA	-9,12805527	-0,069	0,304
CHR8	2E+07	CHR8:20363322	SSF x Far_LoA	-9,93456418	0,066	0,303
CHR8	2E+07	CHR8:20363369	SSF x Far_LoA	-9,78904122	-0,081	0,305
CHR8	2E+07	CHR8:20363405	SSF x Far_LoA	-7,02850581	0,105	0,294
CHR8	2E+07	CHR8:20363467	SSF x Far_LoA	-9,582761	0,014	0,286
CHR8	2E+07	CHR8:20363478	SSF x Far_LoA	-11,1439134	0,081	0,297
CHR8	2036811	CHR8:2036811	SSF x Far_LoA	-9,2244883	0,014	0,304
CHR8	2E+07	CHR8:20368593	SSF x Far_LoA	-10,533948	-0,045	0,296
CHR8	2E+07	CHR8:20368730	SSF x Far_LoA	-9,50363609	0,046	0,306
CHR8	2E+07	CHR8:20371005	SSF x Far_LoA	-8,41444906	-0,059	0,324
CHR8	2E+07	CHR8:20371025	SSF x Far_LoA	-8,38211297	-0,034	0,316
CHR8	2E+07	CHR8:20381547	SSF x Far_LoA	-11,8959431	0,114	0,290
CHR8	2E+07	CHR8:20383288	SSF x Far_LoA	-9,43825988	0,057	0,318
CHR8	2E+07	CHR8:20383387	SSF x Far_LoA	-10,0964587	-0,021	0,309
CHR8	2E+07	CHR8:20386135	SSF x Far_LoA	-9,64727617	-0,019	0,309
CHR8	2E+07	CHR8:20386166	SSF x Far_LoA	-7,82756988	-0,023	0,310
CHR8	2E+07	CHR8:20386239	SSF x Far_LoA	-9,10357789	-0,053	0,315
CHR8	2E+07	CHR8:20386295	SSF x Far_LoA	-11,1996402	0,055	0,312
CHR8	2E+07	CHR8:20390267	SSF x Far_LoA	-9,24736939	0,008	0,312
CHR8	2E+07	CHR8:20395859	SSF x Far_LoA	-8,12537326	-0,026	0,298
CHR8	2E+07	CHR8:20395877	SSF x Far_LoA	-10,0656738	0,050	0,315
CHR8	2E+07	CHR8:20395878	SSF x Far_LoA	-9,76095128	0,072	0,303
CHR8	2E+07	CHR8:20395883	SSF x Far_LoA	-7,18854809	0,127	0,315
CHR8	2E+07	CHR8:20396060	SSF x Far_LoA	-7,48332765	0,096	0,302
CHR8	2E+07	CHR8:20412806	SSF x Far_LoA	-11,5164027	-0,036	0,305
CHR8	2E+07	CHR8:20412902	SSF x Far_LoA	-8,27488871	-0,161	0,296
CHR8	2E+07	CHR8:20413104	SSF x Far_LoA	-9,49711143	0,151	0,304
CHR8	2E+07	CHR8:20417093	SSF x Far_LoA	-10,9248497	-0,040	0,313
CHR8	2E+07	CHR8:20417134	SSF x Far_LoA	-9,19078056	-0,011	0,307
CHR8	2E+07	CHR8:20423444	SSF x Far_LoA	-10,4421471	-0,028	0,325
CHR8	2E+07	CHR8:20435128	SSF x Far_LoA	-11,4711692	-0,094	0,314
CHR8	2E+07	CHR8:20435143	SSF x Far_LoA	-11,3520805	-0,119	0,303
CHR8	2E+07	CHR8:20435144	SSF x Far_LoA	-11,0820648	-0,119	0,300
CHR8	2E+07	CHR8:20435159	SSF x Far_LoA	-11,3669251	0,039	0,299
CHR8	2E+07	CHR8:20439238	SSF x Far_LoA	-11,1105285	0,094	0,317
CHR8	2E+07	CHR8:20439331	SSF x Far_LoA	-5,48463731	-0,123	0,312
CHR8	2045095	CHR8:2045095	SSF x Far_LoA	-8,40229321	-0,068	0,314
CHR8	2E+07	CHR8:20453563	SSF x Far_LoA	-4,96053172	-0,126	0,311
CHR8	2E+07	CHR8:20453716	SSF x Far_LoA	-6,21327709	0,143	0,312
CHR8	2E+07	CHR8:20467687	SSF x Far_LoA	-10,3780789	-0,030	0,300
CHR8	2E+07	CHR8:20477056	SSF x Far_LoA	-7,92067746	-0,185	0,287
CHR8	2E+07	CHR8:20489488	SSF x Far_LoA	-12,0819208	0,062	0,287
CHR8	2E+07	CHR8:20492459	SSF x Far_LoA	-10,1234871	-0,043	0,298
CHR8	20501627	CHR8:20501627	SSF x Far_LoA	-11,3984338	0,048	0,308
CHR8	20501817	CHR8:20501817	SSF x Far_LoA	-11,0430721	0,023	0,309

CHR8	20501924	CHR8:20501924	SSF x Far_LoA	-10,7842864	-0,005	0,298
CHR8	20507316	CHR8:20507316	SSF x Far_LoA	-6,54019782	-0,141	0,318
CHR8	20507431	CHR8:20507431	SSF x Far_LoA	-10,829332	0,013	0,309
CHR8	20507495	CHR8:20507495	SSF x Far_LoA	-10,8767989	0,083	0,301
CHR8	20508761	CHR8:20508761	SSF x Far_LoA	-9,48642928	-0,068	0,300
CHR8	20508856	CHR8:20508856	SSF x Far_LoA	-4,37606417	-0,184	0,299
CHR8	20516292	CHR8:20516292	SSF x Far_LoA	-5,34307906	-0,013	0,307
CHR8	20516341	CHR8:20516341	SSF x Far_LoA	-11,494833	0,037	0,309
CHR8	20516391	CHR8:20516391	SSF x Far_LoA	-10,1939069	0,006	0,305
CHR8	20516437	CHR8:20516437	SSF x Far_LoA	-10,8970656	-0,034	0,305
CHR8	2051845	CHR8:2051845	SSF x Far_LoA	-6,44400282	-0,045	0,314
CHR8	2051865	CHR8:2051865	SSF x Far_LoA	-10,2738296	-0,016	0,318
CHR8	20521434	CHR8:20521434	SSF x Far_LoA	-11,0980771	-0,034	0,316
CHR8	20521507	CHR8:20521507	SSF x Far_LoA	-7,90796674	0,116	0,295
CHR8	20531931	CHR8:20531931	SSF x Far_LoA	-9,94063252	-0,114	0,298
CHR8	20537521	CHR8:20537521	SSF x Far_LoA	-10,4272952	-0,123	0,309
CHR8	20537545	CHR8:20537545	SSF x Far_LoA	-9,92011361	-0,099	0,295
CHR8	20537573	CHR8:20537573	SSF x Far_LoA	-12,3136361	-0,050	0,311
CHR8	20538593	CHR8:20538593	SSF x Far_LoA	-4,00302302	-0,035	0,318
CHR8	2054183	CHR8:2054183	SSF x Far_LoA	-11,1479436	-0,033	0,310
CHR8	20551603	CHR8:20551603	SSF x Far_LoA	-9,30275807	-0,094	0,303
CHR8	20551634	CHR8:20551634	SSF x Far_LoA	-7,46992447	0,079	0,321
CHR8	20571255	CHR8:20571255	SSF x Far_LoA	-11,4083421	0,037	0,299
CHR8	20576552	CHR8:20576552	SSF x Far_LoA	-8,64357423	-0,100	0,308
CHR8	20576558	CHR8:20576558	SSF x Far_LoA	-7,40928656	-0,086	0,296
CHR8	20577436	CHR8:20577436	SSF x Far_LoA	-10,8896016	-0,112	0,310
CHR8	20577995	CHR8:20577995	SSF x Far_LoA	-4,80818738	-0,018	0,298
CHR8	20578077	CHR8:20578077	SSF x Far_LoA	-3,98283211	0,166	0,302
CHR8	20583429	CHR8:20583429	SSF x Far_LoA	-10,3430966	0,029	0,317
CHR8	20583448	CHR8:20583448	SSF x Far_LoA	-7,6082042	0,011	0,326
CHR8	20583467	CHR8:20583467	SSF x Far_LoA	-10,6158447	0,051	0,307
CHR8	20587687	CHR8:20587687	SSF x Far_LoA	-10,9045285	-0,013	0,307
CHR8	20592212	CHR8:20592212	SSF x Far_LoA	-4,87856604	0,188	0,295
CHR8	20592233	CHR8:20592233	SSF x Far_LoA	-7,05975112	0,138	0,295
CHR8	20593017	CHR8:20593017	SSF x Far_LoA	-12,1412356	0,008	0,310
CHR8	20593037	CHR8:20593037	SSF x Far_LoA	-9,33912326	0,046	0,313
CHR8	20593049	CHR8:20593049	SSF x Far_LoA	-10,2584631	0,036	0,320
CHR8	20594994	CHR8:20594994	SSF x Far_LoA	-7,86368173	0,019	0,305
CHR8	2059736	CHR8:2059736	SSF x Far_LoA	-10,7540893	0,076	0,306
CHR8	2059738	CHR8:2059738	SSF x Far_LoA	-10,7287617	0,086	0,315
CHR8	2059861	CHR8:2059861	SSF x Far_LoA	-9,14983851	0,012	0,308
CHR8	20602695	CHR8:20602695	SSF x Far_LoA	-7,519083	0,026	0,306
CHR8	20602758	CHR8:20602758	SSF x Far_LoA	-11,2193526	-0,071	0,311
CHR8	20602777	CHR8:20602777	SSF x Far_LoA	-7,78696584	-0,069	0,326
CHR8	20602948	CHR8:20602948	SSF x Far_LoA	-10,6336728	-0,092	0,318
CHR8	20613930	CHR8:20613930	SSF x Far_LoA	-8,63997979	0,000	0,292
CHR8	20613962	CHR8:20613962	SSF x Far_LoA	-9,03763918	0,025	0,310
CHR8	20614040	CHR8:20614040	SSF x Far_LoA	-9,3519279	-0,080	0,310
CHR8	20617238	CHR8:20617238	SSF x Far_LoA	-6,2158847	0,117	0,312
CHR8	20617388	CHR8:20617388	SSF x Far_LoA	-4,92698787	0,069	0,312
CHR8	20625571	CHR8:20625571	SSF x Far_LoA	-10,4018505	-0,025	0,315
CHR8	20625675	CHR8:20625675	SSF x Far_LoA	-9,48045924	-0,050	0,304
CHR8	20625735	CHR8:20625735	SSF x Far_LoA	-8,90402914	-0,045	0,315

CHR8	20625770	CHR8:20625770	SSF x Far_LoA	-11,5798692	-0,063	0,296
CHR8	20625774	CHR8:20625774	SSF x Far_LoA	-8,86711839	0,134	0,292
CHR8	20625788	CHR8:20625788	SSF x Far_LoA	-6,91899153	0,145	0,299
CHR8	20645329	CHR8:20645329	SSF x Far_LoA	-9,92670045	-0,009	0,301
CHR8	20645372	CHR8:20645372	SSF x Far_LoA	-8,35908114	-0,027	0,309
CHR8	20645393	CHR8:20645393	SSF x Far_LoA	-10,5555834	-0,040	0,304
CHR8	20645404	CHR8:20645404	SSF x Far_LoA	-7,62873458	0,041	0,314
CHR8	20645411	CHR8:20645411	SSF x Far_LoA	-8,7434148	0,019	0,310
CHR8	20645432	CHR8:20645432	SSF x Far_LoA	-8,25592302	-0,019	0,314
CHR8	20645440	CHR8:20645440	SSF x Far_LoA	-8,68880794	-0,056	0,322
CHR8	20647200	CHR8:20647200	SSF x Far_LoA	-2,31387757	0,048	0,305
CHR8	20647202	CHR8:20647202	SSF x Far_LoA	-8,72545318	0,046	0,305
CHR8	20647270	CHR8:20647270	SSF x Far_LoA	-9,41637127	-0,005	0,311
CHR8	20647277	CHR8:20647277	SSF x Far_LoA	-10,6964296	0,065	0,314
CHR8	20647279	CHR8:20647279	SSF x Far_LoA	-10,0463943	-0,041	0,299
CHR8	20647280	CHR8:20647280	SSF x Far_LoA	-3,74627128	0,105	0,307
CHR8	20649497	CHR8:20649497	SSF x Far_LoA	-10,8042137	0,030	0,301
CHR8	20660512	CHR8:20660512	SSF x Far_LoA	-8,98291862	-0,023	0,310
CHR8	20669563	CHR8:20669563	SSF x Far_LoA	-8,42808543	0,079	0,320
CHR8	20669572	CHR8:20669572	SSF x Far_LoA	-9,46934101	0,093	0,301
CHR8	20669581	CHR8:20669581	SSF x Far_LoA	-8,00166654	-0,073	0,290
CHR8	20670967	CHR8:20670967	SSF x Far_LoA	-6,15495061	-0,116	0,307
CHR8	20673148	CHR8:20673148	SSF x Far_LoA	-9,65342253	-0,080	0,313
CHR8	20673315	CHR8:20673315	SSF x Far_LoA	-4,40642982	-0,160	0,310
CHR8	20674698	CHR8:20674698	SSF x Far_LoA	-10,0966952	-0,033	0,309
CHR8	20674721	CHR8:20674721	SSF x Far_LoA	-9,98515531	0,004	0,308
CHR8	20674818	CHR8:20674818	SSF x Far_LoA	-9,02551651	-0,113	0,291
CHR8	20674870	CHR8:20674870	SSF x Far_LoA	-9,11166906	0,015	0,313
CHR8	20674927	CHR8:20674927	SSF x Far_LoA	-8,64535791	0,052	0,292
CHR8	20674930	CHR8:20674930	SSF x Far_LoA	-9,67701198	0,000	0,322
CHR8	20674947	CHR8:20674947	SSF x Far_LoA	-10,7951698	0,024	0,309
CHR8	20681649	CHR8:20681649	SSF x Far_LoA	-9,4317606	0,036	0,302
CHR8	20690330	CHR8:20690330	SSF x Far_LoA	-9,24379354	0,029	0,297
CHR8	20690341	CHR8:20690341	SSF x Far_LoA	-6,50092025	0,168	0,289
CHR8	20690375	CHR8:20690375	SSF x Far_LoA	-8,85250542	-0,114	0,314
CHR8	20690377	CHR8:20690377	SSF x Far_LoA	0,53755116	-0,007	0,329
CHR8	20690427	CHR8:20690427	SSF x Far_LoA	3,75972587	0,063	0,307
CHR8	20690484	CHR8:20690484	SSF x Far_LoA	-10,570133	-0,030	0,302
CHR8	20704289	CHR8:20704289	SSF x Far_LoA	-10,4135217	0,062	0,316
CHR8	20708983	CHR8:20708983	SSF x Far_LoA	-8,2909458	-0,066	0,301
CHR8	20709031	CHR8:20709031	SSF x Far_LoA	-9,3570114	-0,011	0,311
CHR8	20709102	CHR8:20709102	SSF x Far_LoA	-8,89451158	0,108	0,293
CHR8	20709163	CHR8:20709163	SSF x Far_LoA	-10,6572554	0,003	0,302
CHR8	20709171	CHR8:20709171	SSF x Far_LoA	-7,14960787	-0,037	0,304
CHR8	20712133	CHR8:20712133	SSF x Far_LoA	-9,37913513	0,024	0,297
CHR8	20712187	CHR8:20712187	SSF x Far_LoA	-4,09623519	-0,161	0,304
CHR8	20729403	CHR8:20729403	SSF x Far_LoA	-6,90219399	-0,013	0,312
CHR8	20729456	CHR8:20729456	SSF x Far_LoA	-11,0355731	0,045	0,313
CHR8	20729463	CHR8:20729463	SSF x Far_LoA	-8,52650131	-0,025	0,307
CHR8	20735626	CHR8:20735626	SSF x Far_LoA	-8,66560833	-0,066	0,305
CHR8	2074248	CHR8:2074248	SSF x Far_LoA	-9,25432497	0,076	0,296
CHR8	20743190	CHR8:20743190	SSF x Far_LoA	-7,43656278	-0,121	0,305
CHR8	2074346	CHR8:2074346	SSF x Far_LoA	-9,96528836	-0,015	0,310

CHR8	20746668	CHR8:20746668	SSF x Far_LoA	-10,9110773	-0,070	0,307
CHR8	20746878	CHR8:20746878	SSF x Far_LoA	-10,6893521	-0,045	0,307
CHR8	20750441	CHR8:20750441	SSF x Far_LoA	-11,4251926	-0,023	0,304
CHR8	20777605	CHR8:20777605	SSF x Far_LoA	-8,58273973	0,009	0,319
CHR8	20777629	CHR8:20777629	SSF x Far_LoA	-8,91074976	0,004	0,321
CHR8	20777633	CHR8:20777633	SSF x Far_LoA	-10,3294133	-0,027	0,316
CHR8	20777731	CHR8:20777731	SSF x Far_LoA	-8,8061022	-0,041	0,308
CHR8	20781410	CHR8:20781410	SSF x Far_LoA	-9,24590374	-0,103	0,307
CHR8	20781480	CHR8:20781480	SSF x Far_LoA	-10,4790615	-0,028	0,317
CHR8	20781493	CHR8:20781493	SSF x Far_LoA	-9,50337464	-0,038	0,306
CHR8	20781495	CHR8:20781495	SSF x Far_LoA	-10,7180413	-0,018	0,320
CHR8	20781518	CHR8:20781518	SSF x Far_LoA	-8,28161638	0,108	0,297
CHR8	20781697	CHR8:20781697	SSF x Far_LoA	-9,8516023	0,014	0,309
CHR8	2078523	CHR8:2078523	SSF x Far_LoA	-9,16496254	0,043	0,312
CHR8	2078673	CHR8:2078673	SSF x Far_LoA	-12,1974207	0,044	0,287
CHR8	2079084	CHR8:2079084	SSF x Far_LoA	-8,89865467	-0,036	0,306
CHR8	20798675	CHR8:20798675	SSF x Far_LoA	-5,01643293	0,060	0,313
CHR8	20798746	CHR8:20798746	SSF x Far_LoA	-8,20654105	0,066	0,307
CHR8	20798781	CHR8:20798781	SSF x Far_LoA	-12,0973449	0,008	0,305
CHR8	20798784	CHR8:20798784	SSF x Far_LoA	-8,54305994	-0,071	0,311
CHR8	20798856	CHR8:20798856	SSF x Far_LoA	-11,6689633	0,059	0,307
CHR8	20802032	CHR8:20802032	SSF x Far_LoA	-9,9185571	0,010	0,306
CHR8	20802088	CHR8:20802088	SSF x Far_LoA	-8,37733123	0,074	0,304
CHR8	20812228	CHR8:20812228	SSF x Far_LoA	-10,430733	-0,079	0,311
CHR8	20816595	CHR8:20816595	SSF x Far_LoA	-9,35839403	0,130	0,296
CHR8	20816675	CHR8:20816675	SSF x Far_LoA	-11,218773	0,006	0,313
CHR8	20817865	CHR8:20817865	SSF x Far_LoA	-8,19637057	0,033	0,316
CHR8	20817911	CHR8:20817911	SSF x Far_LoA	-10,1689808	-0,024	0,300
CHR8	20817958	CHR8:20817958	SSF x Far_LoA	-8,68552695	0,079	0,303
CHR8	20818020	CHR8:20818020	SSF x Far_LoA	-6,12684826	0,144	0,305
CHR8	20821541	CHR8:20821541	SSF x Far_LoA	-10,3567514	-0,028	0,294
CHR8	20821870	CHR8:20821870	SSF x Far_LoA	-1,15139931	0,103	0,300
CHR8	2082197	CHR8:2082197	SSF x Far_LoA	-9,43782642	0,055	0,305
CHR8	20825673	CHR8:20825673	SSF x Far_LoA	-9,08660295	0,063	0,319
CHR8	20825692	CHR8:20825692	SSF x Far_LoA	-9,16707228	-0,069	0,304
CHR8	20825727	CHR8:20825727	SSF x Far_LoA	-10,426275	-0,026	0,300
CHR8	20839063	CHR8:20839063	SSF x Far_LoA	-4,4531585	-0,215	0,282
CHR8	20839095	CHR8:20839095	SSF x Far_LoA	-8,07512012	-0,021	0,310
CHR8	20839169	CHR8:20839169	SSF x Far_LoA	-4,45451482	0,212	0,298
CHR8	20849875	CHR8:20849875	SSF x Far_LoA	-11,3025121	-0,075	0,300
CHR8	20851877	CHR8:20851877	SSF x Far_LoA	-10,0269769	0,060	0,301
CHR8	20852014	CHR8:20852014	SSF x Far_LoA	-7,75328376	-0,017	0,303
CHR8	2085551	CHR8:2085551	SSF x Far_LoA	-11,9538352	-0,007	0,295
CHR8	2085556	CHR8:2085556	SSF x Far_LoA	-10,6845306	-0,050	0,305
CHR8	20856492	CHR8:20856492	SSF x Far_LoA	-12,3150785	0,049	0,291
CHR8	20871410	CHR8:20871410	SSF x Far_LoA	-8,74247333	-0,081	0,307
CHR8	20871432	CHR8:20871432	SSF x Far_LoA	-10,0995955	0,066	0,297
CHR8	20898250	CHR8:20898250	SSF x Far_LoA	-10,8443776	-0,034	0,317
CHR8	20898365	CHR8:20898365	SSF x Far_LoA	-6,42141963	-0,127	0,313
CHR8	20898401	CHR8:20898401	SSF x Far_LoA	-8,94308553	0,000	0,309
CHR8	20898488	CHR8:20898488	SSF x Far_LoA	-8,91355105	0,056	0,308
CHR8	20902877	CHR8:20902877	SSF x Far_LoA	-8,3458171	0,009	0,322
CHR8	20903066	CHR8:20903066	SSF x Far_LoA	-9,4701352	0,112	0,306

CHR8	20910284	CHR8:20910284	SSF x Far_LoA	-9,08265195	0,005	0,301
CHR8	20910377	CHR8:20910377	SSF x Far_LoA	-8,95808563	0,016	0,316
CHR8	20910393	CHR8:20910393	SSF x Far_LoA	-11,0791375	0,011	0,307
CHR8	209172	CHR8:209172	SSF x Far_LoA	-8,52112303	0,009	0,314
CHR8	20921401	CHR8:20921401	SSF x Far_LoA	-8,83127493	0,039	0,314
CHR8	20921544	CHR8:20921544	SSF x Far_LoA	-11,678443	-0,036	0,301
CHR8	20921613	CHR8:20921613	SSF x Far_LoA	-6,6048027	-0,038	0,310
CHR8	209236	CHR8:209236	SSF x Far_LoA	-9,22468214	-0,042	0,315
CHR8	20926337	CHR8:20926337	SSF x Far_LoA	-10,0238938	-0,013	0,312
CHR8	20926395	CHR8:20926395	SSF x Far_LoA	-10,371317	-0,079	0,308
CHR8	20926431	CHR8:20926431	SSF x Far_LoA	-8,9186791	0,027	0,296
CHR8	20926965	CHR8:20926965	SSF x Far_LoA	-9,97993993	0,003	0,303
CHR8	20926993	CHR8:20926993	SSF x Far_LoA	-11,2577436	-0,054	0,317
CHR8	20927077	CHR8:20927077	SSF x Far_LoA	-8,50432994	0,035	0,300
CHR8	209272	CHR8:209272	SSF x Far_LoA	-8,96277744	0,032	0,297
CHR8	20944884	CHR8:20944884	SSF x Far_LoA	-7,40576383	-0,115	0,308
CHR8	20945003	CHR8:20945003	SSF x Far_LoA	-11,1557152	0,099	0,278
CHR8	20945014	CHR8:20945014	SSF x Far_LoA	-8,43454496	0,157	0,285
CHR8	20947913	CHR8:20947913	SSF x Far_LoA	-9,42104809	0,150	0,302
CHR8	20947922	CHR8:20947922	SSF x Far_LoA	-9,31823391	0,166	0,299
CHR8	20966911	CHR8:20966911	SSF x Far_LoA	-4,90840101	-0,039	0,315
CHR8	20967261	CHR8:20967261	SSF x Far_LoA	-10,1332789	-0,078	0,298
CHR8	20967402	CHR8:20967402	SSF x Far_LoA	-10,1517276	-0,046	0,304
CHR8	2097304	CHR8:2097304	SSF x Far_LoA	-12,1133686	0,045	0,301
CHR8	2097305	CHR8:2097305	SSF x Far_LoA	-10,189574	0,059	0,310
CHR8	20976540	CHR8:20976540	SSF x Far_LoA	-10,0246443	0,121	0,295
CHR8	20976604	CHR8:20976604	SSF x Far_LoA	-8,39416022	0,007	0,324
CHR8	20983935	CHR8:20983935	SSF x Far_LoA	-11,1446602	-0,058	0,301
CHR8	20983939	CHR8:20983939	SSF x Far_LoA	-9,46755503	-0,078	0,307
CHR8	20983964	CHR8:20983964	SSF x Far_LoA	-9,72421259	0,025	0,309
CHR8	20984011	CHR8:20984011	SSF x Far_LoA	-9,71533626	0,007	0,306
CHR8	20984065	CHR8:20984065	SSF x Far_LoA	-10,4304095	-0,013	0,316
CHR8	20999504	CHR8:20999504	SSF x Far_LoA	-7,17840645	0,192	0,304
CHR8	20999554	CHR8:20999554	SSF x Far_LoA	-9,60291712	0,049	0,304
CHR8	21004949	CHR8:21004949	SSF x Far_LoA	-7,16439283	-0,106	0,307
CHR8	21007939	CHR8:21007939	SSF x Far_LoA	-10,8347469	-0,064	0,324
CHR8	21008097	CHR8:21008097	SSF x Far_LoA	-7,58334764	-0,044	0,322
CHR8	21008101	CHR8:21008101	SSF x Far_LoA	-8,03316229	0,136	0,282
CHR8	21008126	CHR8:21008126	SSF x Far_LoA	-7,91858808	0,123	0,295
CHR8	21008127	CHR8:21008127	SSF x Far_LoA	-8,68441683	-0,045	0,309
CHR8	21008155	CHR8:21008155	SSF x Far_LoA	-7,15638288	-0,046	0,315
CHR8	21009988	CHR8:21009988	SSF x Far_LoA	-9,2716819	-0,025	0,314
CHR8	21017855	CHR8:21017855	SSF x Far_LoA	-10,2899348	-0,052	0,300
CHR8	21018017	CHR8:21018017	SSF x Far_LoA	-9,0562751	-0,061	0,312
CHR8	21031441	CHR8:21031441	SSF x Far_LoA	-7,98029092	0,079	0,305
CHR8	21031444	CHR8:21031444	SSF x Far_LoA	-8,34441971	0,031	0,310
CHR8	21031458	CHR8:21031458	SSF x Far_LoA	-8,31076801	0,029	0,326
CHR8	21031604	CHR8:21031604	SSF x Far_LoA	-8,69213055	0,074	0,315
CHR8	21033506	CHR8:21033506	SSF x Far_LoA	-9,55426858	0,109	0,301
CHR8	21038051	CHR8:21038051	SSF x Far_LoA	-6,90922459	-0,100	0,307
CHR8	21038144	CHR8:21038144	SSF x Far_LoA	-10,2191553	0,004	0,313
CHR8	21048480	CHR8:21048480	SSF x Far_LoA	-10,494143	0,090	0,298
CHR8	21048777	CHR8:21048777	SSF x Far_LoA	-6,96375328	-0,102	0,304

CHR8	21052722	CHR8:21052722	SSF x Far_LoA	-11,586151	-0,032	0,302
CHR8	21063407	CHR8:21063407	SSF x Far_LoA	-8,6117266	-0,030	0,308
CHR8	21063542	CHR8:21063542	SSF x Far_LoA	-9,2622144	0,060	0,301
CHR8	21065558	CHR8:21065558	SSF x Far_LoA	-11,1164667	0,058	0,302
CHR8	21068022	CHR8:21068022	SSF x Far_LoA	-8,22145492	0,100	0,306
CHR8	21068100	CHR8:21068100	SSF x Far_LoA	-10,3728868	0,041	0,306
CHR8	21072037	CHR8:21072037	SSF x Far_LoA	-6,69185693	0,031	0,308
CHR8	21077425	CHR8:21077425	SSF x Far_LoA	-9,41295014	-0,012	0,303
CHR8	21077541	CHR8:21077541	SSF x Far_LoA	-10,4350121	-0,048	0,309
CHR8	21078323	CHR8:21078323	SSF x Far_LoA	-5,17191789	0,072	0,291
CHR8	21080493	CHR8:21080493	SSF x Far_LoA	-7,6664699	0,091	0,293
CHR8	2108160	CHR8:2108160	SSF x Far_LoA	-12,0783719	0,033	0,309
CHR8	21082161	CHR8:21082161	SSF x Far_LoA	-8,191518	0,041	0,302
CHR8	2108281	CHR8:2108281	SSF x Far_LoA	-11,5185308	-0,035	0,307
CHR8	2108411	CHR8:2108411	SSF x Far_LoA	-8,27219499	0,002	0,325
CHR8	2108430	CHR8:2108430	SSF x Far_LoA	-10,4145717	0,043	0,308
CHR8	2108542	CHR8:2108542	SSF x Far_LoA	-11,6969887	-0,065	0,297
CHR8	2108560	CHR8:2108560	SSF x Far_LoA	-9,60255802	-0,071	0,322
CHR8	2108572	CHR8:2108572	SSF x Far_LoA	-6,20262205	0,102	0,310
CHR8	21090229	CHR8:21090229	SSF x Far_LoA	-9,20250814	-0,033	0,304
CHR8	21092400	CHR8:21092400	SSF x Far_LoA	-10,6665239	-0,026	0,302
CHR8	21092433	CHR8:21092433	SSF x Far_LoA	-11,0150901	0,028	0,307
CHR8	21092465	CHR8:21092465	SSF x Far_LoA	-11,0436046	0,043	0,304
CHR8	21092473	CHR8:21092473	SSF x Far_LoA	-9,94839167	0,085	0,299
CHR8	21092511	CHR8:21092511	SSF x Far_LoA	-8,89908286	0,080	0,308
CHR8	21092537	CHR8:21092537	SSF x Far_LoA	-10,4876907	0,025	0,310
CHR8	21092539	CHR8:21092539	SSF x Far_LoA	-10,9825917	0,050	0,301
CHR8	21099592	CHR8:21099592	SSF x Far_LoA	-10,8913261	0,080	0,299
CHR8	21099737	CHR8:21099737	SSF x Far_LoA	-10,3307922	-0,022	0,298
CHR8	21099782	CHR8:21099782	SSF x Far_LoA	-7,00701239	0,047	0,310
CHR8	21104000	CHR8:21104000	SSF x Far_LoA	-8,6691062	0,032	0,300
CHR8	21110691	CHR8:21110691	SSF x Far_LoA	-10,7381276	-0,111	0,316
CHR8	21110720	CHR8:21110720	SSF x Far_LoA	-11,5704086	-0,067	0,303
CHR8	21110722	CHR8:21110722	SSF x Far_LoA	-7,24754406	-0,105	0,317
CHR8	21110738	CHR8:21110738	SSF x Far_LoA	-10,7469745	0,081	0,304
CHR8	21122450	CHR8:21122450	SSF x Far_LoA	-7,55922632	0,079	0,304
CHR8	21122488	CHR8:21122488	SSF x Far_LoA	-9,18337944	0,092	0,314
CHR8	21122548	CHR8:21122548	SSF x Far_LoA	-9,16422354	0,117	0,299
CHR8	21122603	CHR8:21122603	SSF x Far_LoA	-7,50020984	-0,177	0,288
CHR8	21122663	CHR8:21122663	SSF x Far_LoA	-10,838541	0,074	0,306
CHR8	21126529	CHR8:21126529	SSF x Far_LoA	-10,3012356	-0,032	0,299
CHR8	21126758	CHR8:21126758	SSF x Far_LoA	-8,50451415	-0,022	0,307
CHR8	21126831	CHR8:21126831	SSF x Far_LoA	-8,40554286	-0,049	0,307
CHR8	21130367	CHR8:21130367	SSF x Far_LoA	-10,7544688	0,035	0,302
CHR8	21130431	CHR8:21130431	SSF x Far_LoA	-9,71290392	-0,005	0,294
CHR8	21130450	CHR8:21130450	SSF x Far_LoA	-7,77897662	0,190	0,298
CHR8	21130462	CHR8:21130462	SSF x Far_LoA	-10,0617181	0,158	0,300
CHR8	21130479	CHR8:21130479	SSF x Far_LoA	-9,82416902	0,164	0,292
CHR8	21130494	CHR8:21130494	SSF x Far_LoA	-8,99327842	0,049	0,306
CHR8	21130583	CHR8:21130583	SSF x Far_LoA	-8,87620591	0,108	0,296
CHR8	21130621	CHR8:21130621	SSF x Far_LoA	-6,13473863	-0,155	0,293
CHR8	21130635	CHR8:21130635	SSF x Far_LoA	-10,9707546	0,013	0,306
CHR8	21133255	CHR8:21133255	SSF x Far_LoA	-9,4289545	0,071	0,305

CHR8	21133286	CHR8:21133286	SSF x Far_LoA	-8,63079598	0,054	0,308
CHR8	21138572	CHR8:21138572	SSF x Far_LoA	-8,49068281	-0,047	0,300
CHR8	21139065	CHR8:21139065	SSF x Far_LoA	-10,2257689	-0,013	0,309
CHR8	21141524	CHR8:21141524	SSF x Far_LoA	-12,1465886	0,025	0,311
CHR8	21142499	CHR8:21142499	SSF x Far_LoA	-10,8683533	-0,026	0,315
CHR8	21142535	CHR8:21142535	SSF x Far_LoA	-9,52559531	-0,042	0,303
CHR8	21143937	CHR8:21143937	SSF x Far_LoA	-8,48946835	-0,189	0,308
CHR8	21153934	CHR8:21153934	SSF x Far_LoA	-8,59272348	-0,058	0,311
CHR8	21155980	CHR8:21155980	SSF x Far_LoA	-11,1165563	-0,025	0,310
CHR8	21155989	CHR8:21155989	SSF x Far_LoA	-8,91980829	-0,104	0,289
CHR8	21156095	CHR8:21156095	SSF x Far_LoA	-7,05327344	-0,178	0,298
CHR8	21156130	CHR8:21156130	SSF x Far_LoA	-9,12517859	0,033	0,305
CHR8	21156144	CHR8:21156144	SSF x Far_LoA	-9,96418917	0,037	0,305
CHR8	21156210	CHR8:21156210	SSF x Far_LoA	-4,49881159	-0,005	0,318
CHR8	21156232	CHR8:21156232	SSF x Far_LoA	-7,96036818	0,196	0,287
CHR8	21163584	CHR8:21163584	SSF x Far_LoA	-10,4934532	-0,002	0,307
CHR8	21172974	CHR8:21172974	SSF x Far_LoA	-7,44629438	0,134	0,310
CHR8	21181737	CHR8:21181737	SSF x Far_LoA	-9,85150653	-0,108	0,315
CHR8	21183859	CHR8:21183859	SSF x Far_LoA	-10,817056	0,127	0,295
CHR8	21193302	CHR8:21193302	SSF x Far_LoA	-9,21215212	0,022	0,314
CHR8	21193485	CHR8:21193485	SSF x Far_LoA	-6,80841718	-0,170	0,307
CHR8	21193575	CHR8:21193575	SSF x Far_LoA	-10,3002027	0,109	0,299
CHR8	21193592	CHR8:21193592	SSF x Far_LoA	-9,3092783	0,106	0,309
CHR8	21193649	CHR8:21193649	SSF x Far_LoA	-9,23401998	0,008	0,306
CHR8	21200800	CHR8:21200800	SSF x Far_LoA	-8,77315148	-0,090	0,297
CHR8	21200857	CHR8:21200857	SSF x Far_LoA	-4,39777558	-0,059	0,315
CHR8	21200862	CHR8:21200862	SSF x Far_LoA	-9,16790463	-0,020	0,311
CHR8	21200943	CHR8:21200943	SSF x Far_LoA	-8,65895569	0,098	0,293
CHR8	21200995	CHR8:21200995	SSF x Far_LoA	-9,49924965	0,024	0,298
CHR8	21210111	CHR8:21210111	SSF x Far_LoA	-9,31220888	-0,048	0,320
CHR8	21212244	CHR8:21212244	SSF x Far_LoA	-9,35218483	-0,042	0,310
CHR8	21212271	CHR8:21212271	SSF x Far_LoA	-9,10088585	0,021	0,295
CHR8	21212361	CHR8:21212361	SSF x Far_LoA	-9,78522251	0,000	0,308
CHR8	21212418	CHR8:21212418	SSF x Far_LoA	-10,7603803	-0,110	0,310
CHR8	21214473	CHR8:21214473	SSF x Far_LoA	-8,22062471	0,020	0,306
CHR8	21214497	CHR8:21214497	SSF x Far_LoA	-9,80997471	0,003	0,303
CHR8	21214554	CHR8:21214554	SSF x Far_LoA	-9,30617878	-0,075	0,314
CHR8	21214691	CHR8:21214691	SSF x Far_LoA	-11,7695591	-0,044	0,302
CHR8	21223898	CHR8:21223898	SSF x Far_LoA	-9,6362702	0,115	0,307
CHR8	21226023	CHR8:21226023	SSF x Far_LoA	-8,38077242	-0,023	0,320
CHR8	21226062	CHR8:21226062	SSF x Far_LoA	-3,27965976	-0,179	0,299
CHR8	21227545	CHR8:21227545	SSF x Far_LoA	-9,53385168	-0,060	0,299
CHR8	21227563	CHR8:21227563	SSF x Far_LoA	-9,65410689	-0,122	0,313
CHR8	21227625	CHR8:21227625	SSF x Far_LoA	-9,06152462	0,008	0,299
CHR8	21227673	CHR8:21227673	SSF x Far_LoA	-3,81668822	-0,014	0,311
CHR8	21227686	CHR8:21227686	SSF x Far_LoA	-7,47119706	-0,117	0,312
CHR8	21227729	CHR8:21227729	SSF x Far_LoA	-5,91630098	-0,003	0,314
CHR8	21227780	CHR8:21227780	SSF x Far_LoA	-9,0861134	0,078	0,303
CHR8	21235312	CHR8:21235312	SSF x Far_LoA	-9,63275027	-0,048	0,300
CHR8	21235348	CHR8:21235348	SSF x Far_LoA	-8,28301303	-0,048	0,297
CHR8	21235404	CHR8:21235404	SSF x Far_LoA	-7,96065204	-0,076	0,318
CHR8	21235466	CHR8:21235466	SSF x Far_LoA	-6,46285276	-0,049	0,306
CHR8	21254188	CHR8:21254188	SSF x Far_LoA	-9,79522302	0,054	0,298

CHR8	21254234	CHR8:21254234	SSF x Far_LoA	-9,58654836	0,015	0,293
CHR8	21260117	CHR8:21260117	SSF x Far_LoA	-8,81221487	0,064	0,308
CHR8	21260178	CHR8:21260178	SSF x Far_LoA	-9,14608689	0,003	0,303
CHR8	21260199	CHR8:21260199	SSF x Far_LoA	-10,5851456	-0,050	0,313
CHR8	21268739	CHR8:21268739	SSF x Far_LoA	-9,94223688	-0,051	0,314
CHR8	21275123	CHR8:21275123	SSF x Far_LoA	-9,81363312	-0,020	0,297
CHR8	21275141	CHR8:21275141	SSF x Far_LoA	-8,39429756	0,102	0,317
CHR8	21275192	CHR8:21275192	SSF x Far_LoA	-10,6903808	0,043	0,315
CHR8	21279224	CHR8:21279224	SSF x Far_LoA	-7,01399424	-0,082	0,311
CHR8	21279307	CHR8:21279307	SSF x Far_LoA	-11,2284522	-0,017	0,299
CHR8	21279312	CHR8:21279312	SSF x Far_LoA	-9,47761473	0,081	0,309
CHR8	21284870	CHR8:21284870	SSF x Far_LoA	-10,617563	-0,005	0,305
CHR8	21293434	CHR8:21293434	SSF x Far_LoA	-6,29776683	0,084	0,309
CHR8	21297879	CHR8:21297879	SSF x Far_LoA	-10,6233684	0,084	0,303
CHR8	21297896	CHR8:21297896	SSF x Far_LoA	-10,7505547	0,079	0,316
CHR8	21297905	CHR8:21297905	SSF x Far_LoA	-11,1106008	0,047	0,309
CHR8	21297955	CHR8:21297955	SSF x Far_LoA	-8,46955188	0,097	0,311
CHR8	21301152	CHR8:21301152	SSF x Far_LoA	-11,4559573	0,022	0,303
CHR8	21301156	CHR8:21301156	SSF x Far_LoA	-5,48140848	-0,093	0,309
CHR8	21301234	CHR8:21301234	SSF x Far_LoA	-8,79654108	-0,114	0,308
CHR8	21301265	CHR8:21301265	SSF x Far_LoA	-9,22749713	0,033	0,301
CHR8	21301270	CHR8:21301270	SSF x Far_LoA	-11,3318924	-0,025	0,302
CHR8	21301297	CHR8:21301297	SSF x Far_LoA	-11,1321871	-0,049	0,289
CHR8	21301320	CHR8:21301320	SSF x Far_LoA	-8,62613276	0,004	0,306
CHR8	21301332	CHR8:21301332	SSF x Far_LoA	-12,2942599	-0,036	0,301
CHR8	21301335	CHR8:21301335	SSF x Far_LoA	-10,4067232	-0,017	0,309
CHR8	21301343	CHR8:21301343	SSF x Far_LoA	-8,90535136	-0,019	0,305
CHR8	21301376	CHR8:21301376	SSF x Far_LoA	-8,59599511	-0,116	0,303
CHR8	21307521	CHR8:21307521	SSF x Far_LoA	-8,49952199	0,017	0,307
CHR8	21307531	CHR8:21307531	SSF x Far_LoA	-2,44453262	0,151	0,304
CHR8	21307598	CHR8:21307598	SSF x Far_LoA	-9,13751412	0,110	0,281
CHR8	21307607	CHR8:21307607	SSF x Far_LoA	-11,2655371	0,075	0,307
CHR8	21307747	CHR8:21307747	SSF x Far_LoA	-7,29308723	-0,109	0,312
CHR8	21311139	CHR8:21311139	SSF x Far_LoA	-0,61068053	-0,175	0,298
CHR8	21311223	CHR8:21311223	SSF x Far_LoA	-2,91443771	0,203	0,287
CHR8	21311276	CHR8:21311276	SSF x Far_LoA	-10,7651976	0,041	0,317
CHR8	21311292	CHR8:21311292	SSF x Far_LoA	-8,44804939	-0,094	0,299
CHR8	21322000	CHR8:21322000	SSF x Far_LoA	-9,0764492	0,004	0,300
CHR8	21322019	CHR8:21322019	SSF x Far_LoA	-12,3395135	0,009	0,303
CHR8	21322062	CHR8:21322062	SSF x Far_LoA	-9,65440005	-0,075	0,306
CHR8	21323878	CHR8:21323878	SSF x Far_LoA	-8,83677155	0,098	0,299
CHR8	21323929	CHR8:21323929	SSF x Far_LoA	-7,23565294	-0,025	0,309
CHR8	21327995	CHR8:21327995	SSF x Far_LoA	-9,94800887	0,013	0,313
CHR8	21328030	CHR8:21328030	SSF x Far_LoA	-9,9990709	-0,017	0,305
CHR8	21329309	CHR8:21329309	SSF x Far_LoA	-10,3361812	0,104	0,297
CHR8	21329341	CHR8:21329341	SSF x Far_LoA	-9,07019911	0,139	0,299
CHR8	21330903	CHR8:21330903	SSF x Far_LoA	-8,20632838	-0,004	0,317
CHR8	21331031	CHR8:21331031	SSF x Far_LoA	-8,58758239	-0,040	0,294
CHR8	21331138	CHR8:21331138	SSF x Far_LoA	-10,9275675	0,085	0,304
CHR8	21331152	CHR8:21331152	SSF x Far_LoA	-9,90018566	-0,029	0,309
CHR8	2133267	CHR8:2133267	SSF x Far_LoA	-8,87238626	0,023	0,303
CHR8	2133300	CHR8:2133300	SSF x Far_LoA	-11,5153959	0,020	0,320
CHR8	2133333	CHR8:2133333	SSF x Far_LoA	-0,46093799	-0,141	0,313

CHR8	21338133	CHR8:21338133	SSF x Far_LoA	-11,4643988	0,028	0,309
CHR8	21338158	CHR8:21338158	SSF x Far_LoA	-9,88125924	0,057	0,307
CHR8	21338179	CHR8:21338179	SSF x Far_LoA	-8,13101226	0,004	0,317
CHR8	21338205	CHR8:21338205	SSF x Far_LoA	-8,63258007	-0,164	0,307
CHR8	21338226	CHR8:21338226	SSF x Far_LoA	-11,6952067	-0,009	0,309
CHR8	21338252	CHR8:21338252	SSF x Far_LoA	-10,1853405	-0,135	0,303
CHR8	21338261	CHR8:21338261	SSF x Far_LoA	-7,11917848	-0,135	0,289
CHR8	21338263	CHR8:21338263	SSF x Far_LoA	-10,0921453	-0,114	0,307
CHR8	21338279	CHR8:21338279	SSF x Far_LoA	-8,94361925	-0,125	0,312
CHR8	21339392	CHR8:21339392	SSF x Far_LoA	-9,64386363	0,046	0,305
CHR8	21339621	CHR8:21339621	SSF x Far_LoA	-10,1948203	0,003	0,298
CHR8	21344691	CHR8:21344691	SSF x Far_LoA	-8,86263239	-0,092	0,307
CHR8	21344692	CHR8:21344692	SSF x Far_LoA	5,17959443	0,180	0,288
CHR8	21347428	CHR8:21347428	SSF x Far_LoA	-12,198779	-0,045	0,303
CHR8	21347453	CHR8:21347453	SSF x Far_LoA	-10,2651725	-0,054	0,315
CHR8	21365014	CHR8:21365014	SSF x Far_LoA	-9,72197057	-0,004	0,300
CHR8	21365946	CHR8:21365946	SSF x Far_LoA	-7,58156421	-0,151	0,296
CHR8	21366131	CHR8:21366131	SSF x Far_LoA	-7,87144304	-0,090	0,309
CHR8	21370785	CHR8:21370785	SSF x Far_LoA	-8,93888368	0,070	0,309
CHR8	21370789	CHR8:21370789	SSF x Far_LoA	-4,40937415	0,161	0,311
CHR8	21370829	CHR8:21370829	SSF x Far_LoA	-12,730483	0,008	0,282
CHR8	21370959	CHR8:21370959	SSF x Far_LoA	-7,14622167	0,202	0,287
CHR8	21372108	CHR8:21372108	SSF x Far_LoA	-9,82678105	-0,106	0,311
CHR8	21373337	CHR8:21373337	SSF x Far_LoA	-11,0722216	-0,033	0,302
CHR8	21373439	CHR8:21373439	SSF x Far_LoA	-11,7846997	-0,017	0,291
CHR8	21373494	CHR8:21373494	SSF x Far_LoA	-9,01084874	0,062	0,303
CHR8	2137419	CHR8:2137419	SSF x Far_LoA	-12,2004233	-0,031	0,308
CHR8	2137468	CHR8:2137468	SSF x Far_LoA	-10,0877906	0,065	0,305
CHR8	2137472	CHR8:2137472	SSF x Far_LoA	-9,42760122	0,102	0,315
CHR8	21375025	CHR8:21375025	SSF x Far_LoA	-10,0668905	-0,027	0,301
CHR8	2137509	CHR8:2137509	SSF x Far_LoA	-7,35371733	-0,062	0,302
CHR8	21393769	CHR8:21393769	SSF x Far_LoA	-8,10577479	-0,004	0,316
CHR8	21397116	CHR8:21397116	SSF x Far_LoA	-11,0993675	-0,067	0,315
CHR8	21397123	CHR8:21397123	SSF x Far_LoA	-10,0540093	0,006	0,314
CHR8	21397172	CHR8:21397172	SSF x Far_LoA	-7,7390341	-0,136	0,305
CHR8	21397188	CHR8:21397188	SSF x Far_LoA	-10,0042684	0,042	0,304
CHR8	21399568	CHR8:21399568	SSF x Far_LoA	-7,23601575	0,061	0,311
CHR8	21415642	CHR8:21415642	SSF x Far_LoA	-7,82533452	0,063	0,318
CHR8	21417726	CHR8:21417726	SSF x Far_LoA	-5,9384874	-0,084	0,294
CHR8	21417741	CHR8:21417741	SSF x Far_LoA	-8,58614361	0,063	0,299
CHR8	21421231	CHR8:21421231	SSF x Far_LoA	-9,84084316	-0,037	0,303
CHR8	21421423	CHR8:21421423	SSF x Far_LoA	-11,217857	0,059	0,302
CHR8	21422544	CHR8:21422544	SSF x Far_LoA	-7,30322834	0,035	0,327
CHR8	21422604	CHR8:21422604	SSF x Far_LoA	-8,23507561	0,070	0,313
CHR8	21422606	CHR8:21422606	SSF x Far_LoA	-10,5267668	0,137	0,301
CHR8	21430027	CHR8:21430027	SSF x Far_LoA	-10,3029272	-0,108	0,305
CHR8	21430059	CHR8:21430059	SSF x Far_LoA	-9,0028785	-0,112	0,308
CHR8	21430060	CHR8:21430060	SSF x Far_LoA	-10,2585543	-0,074	0,299
CHR8	21430063	CHR8:21430063	SSF x Far_LoA	-8,7108105	-0,098	0,293
CHR8	21431731	CHR8:21431731	SSF x Far_LoA	-9,42602879	-0,018	0,306
CHR8	21431740	CHR8:21431740	SSF x Far_LoA	-7,96186178	0,049	0,310
CHR8	21431752	CHR8:21431752	SSF x Far_LoA	-8,04235545	0,047	0,311
CHR8	21431755	CHR8:21431755	SSF x Far_LoA	-8,15504709	-0,046	0,313

CHR8	21431766	CHR8:21431766	SSF x Far_LoA	-1,26349303	0,091	0,308
CHR8	21432603	CHR8:21432603	SSF x Far_LoA	-9,20180211	-0,059	0,308
CHR8	21432637	CHR8:21432637	SSF x Far_LoA	-2,08869036	-0,196	0,298
CHR8	21432638	CHR8:21432638	SSF x Far_LoA	-11,355264	0,033	0,302
CHR8	21436027	CHR8:21436027	SSF x Far_LoA	-9,3233352	0,007	0,304
CHR8	21436037	CHR8:21436037	SSF x Far_LoA	-9,42835944	0,008	0,307
CHR8	21436073	CHR8:21436073	SSF x Far_LoA	-9,15936298	-0,082	0,296
CHR8	21436081	CHR8:21436081	SSF x Far_LoA	-10,1278046	0,002	0,312
CHR8	21440861	CHR8:21440861	SSF x Far_LoA	-10,7197583	0,051	0,297
CHR8	21444181	CHR8:21444181	SSF x Far_LoA	-6,81503346	-0,048	0,320
CHR8	21445126	CHR8:21445126	SSF x Far_LoA	-8,62316585	0,022	0,309
CHR8	21445142	CHR8:21445142	SSF x Far_LoA	-10,6217564	-0,055	0,289
CHR8	21445202	CHR8:21445202	SSF x Far_LoA	-9,54561338	0,059	0,297
CHR8	21445304	CHR8:21445304	SSF x Far_LoA	-9,74256592	0,059	0,308
CHR8	21447994	CHR8:21447994	SSF x Far_LoA	-11,5713279	0,042	0,304
CHR8	21447996	CHR8:21447996	SSF x Far_LoA	-10,6579682	0,072	0,307
CHR8	21448108	CHR8:21448108	SSF x Far_LoA	-9,45402158	-0,143	0,298
CHR8	21448109	CHR8:21448109	SSF x Far_LoA	-9,81272617	-0,164	0,292
CHR8	21448125	CHR8:21448125	SSF x Far_LoA	-12,0917591	0,058	0,304
CHR8	21448137	CHR8:21448137	SSF x Far_LoA	-9,74488034	0,079	0,292
CHR8	21448138	CHR8:21448138	SSF x Far_LoA	-8,87889065	0,070	0,304
CHR8	21448216	CHR8:21448216	SSF x Far_LoA	-10,3805408	-0,010	0,304
CHR8	21455126	CHR8:21455126	SSF x Far_LoA	-7,55822369	-0,156	0,292
CHR8	21455133	CHR8:21455133	SSF x Far_LoA	-8,21677602	-0,111	0,295
CHR8	21455195	CHR8:21455195	SSF x Far_LoA	-10,0577906	-0,042	0,309
CHR8	21455241	CHR8:21455241	SSF x Far_LoA	-10,0839709	0,093	0,296
CHR8	21455243	CHR8:21455243	SSF x Far_LoA	-10,7409002	0,033	0,307
CHR8	2146696	CHR8:2146696	SSF x Far_LoA	-11,0063705	0,019	0,311
CHR8	2146775	CHR8:2146775	SSF x Far_LoA	-9,02554991	0,034	0,324
CHR8	21470852	CHR8:21470852	SSF x Far_LoA	-9,18584224	-0,016	0,317
CHR8	21470976	CHR8:21470976	SSF x Far_LoA	-10,9887629	0,043	0,308
CHR8	2148103	CHR8:2148103	SSF x Far_LoA	-4,67351778	-0,142	0,313
CHR8	2148119	CHR8:2148119	SSF x Far_LoA	-8,52160748	-0,127	0,303
CHR8	21483246	CHR8:21483246	SSF x Far_LoA	-10,9753953	0,004	0,308
CHR8	21488262	CHR8:21488262	SSF x Far_LoA	-11,311881	0,004	0,299
CHR8	21488447	CHR8:21488447	SSF x Far_LoA	-9,33600449	-0,112	0,312
CHR8	21506685	CHR8:21506685	SSF x Far_LoA	-10,6331881	-0,049	0,311
CHR8	21525258	CHR8:21525258	SSF x Far_LoA	-9,73335793	-0,098	0,280
CHR8	21525307	CHR8:21525307	SSF x Far_LoA	-7,84679335	0,067	0,315
CHR8	21548625	CHR8:21548625	SSF x Far_LoA	-11,9645018	-0,032	0,301
CHR8	21548684	CHR8:21548684	SSF x Far_LoA	-8,71107478	-0,092	0,308
CHR8	21548744	CHR8:21548744	SSF x Far_LoA	-8,36233126	0,053	0,312
CHR8	21578447	CHR8:21578447	SSF x Far_LoA	-6,71403826	0,053	0,310
CHR8	21591666	CHR8:21591666	SSF x Far_LoA	-12,2669414	0,088	0,284
CHR8	21591734	CHR8:21591734	SSF x Far_LoA	-8,63295252	-0,009	0,325
CHR8	21591805	CHR8:21591805	SSF x Far_LoA	1,63277435	0,051	0,305
CHR8	21591864	CHR8:21591864	SSF x Far_LoA	-10,1148665	0,018	0,295
CHR8	21591889	CHR8:21591889	SSF x Far_LoA	-7,43662497	0,095	0,310
CHR8	21591894	CHR8:21591894	SSF x Far_LoA	-10,9236462	0,040	0,300
CHR8	21602932	CHR8:21602932	SSF x Far_LoA	-10,4195516	0,068	0,305
CHR8	21602971	CHR8:21602971	SSF x Far_LoA	-6,67276797	-0,095	0,297
CHR8	21603000	CHR8:21603000	SSF x Far_LoA	-7,88682079	-0,038	0,315
CHR8	21603038	CHR8:21603038	SSF x Far_LoA	-9,09744908	-0,022	0,317

CHR8	21603091	CHR8:21603091	SSF x Far_LoA	-9,78221941	-0,023	0,302
CHR8	21603112	CHR8:21603112	SSF x Far_LoA	-8,86862976	0,048	0,309
CHR8	21603163	CHR8:21603163	SSF x Far_LoA	-11,4505683	0,054	0,307
CHR8	21608666	CHR8:21608666	SSF x Far_LoA	-8,11529381	-0,011	0,306
CHR8	21608668	CHR8:21608668	SSF x Far_LoA	-9,6815572	-0,020	0,299
CHR8	21608827	CHR8:21608827	SSF x Far_LoA	-11,1895858	0,013	0,302
CHR8	21608855	CHR8:21608855	SSF x Far_LoA	-8,29502082	-0,014	0,300
CHR8	21608872	CHR8:21608872	SSF x Far_LoA	-10,0455169	-0,018	0,308
CHR8	21608971	CHR8:21608971	SSF x Far_LoA	-5,50515007	0,033	0,318
CHR8	21614542	CHR8:21614542	SSF x Far_LoA	-9,82854219	0,008	0,315
CHR8	21614639	CHR8:21614639	SSF x Far_LoA	-9,96497994	0,044	0,310
CHR8	21614794	CHR8:21614794	SSF x Far_LoA	-5,073844	-0,092	0,310
CHR8	21616069	CHR8:21616069	SSF x Far_LoA	-8,92608382	-0,055	0,300
CHR8	21616086	CHR8:21616086	SSF x Far_LoA	-8,14405704	-0,105	0,296
CHR8	21616097	CHR8:21616097	SSF x Far_LoA	-11,297528	-0,027	0,308
CHR8	21616100	CHR8:21616100	SSF x Far_LoA	-8,26422003	0,001	0,295
CHR8	21616147	CHR8:21616147	SSF x Far_LoA	-10,1926118	-0,058	0,306
CHR8	21616153	CHR8:21616153	SSF x Far_LoA	-6,96336961	-0,025	0,325
CHR8	21616166	CHR8:21616166	SSF x Far_LoA	-10,5677757	-0,039	0,291
CHR8	21616172	CHR8:21616172	SSF x Far_LoA	-10,4062504	-0,065	0,307
CHR8	2162194	CHR8:2162194	SSF x Far_LoA	-10,9301563	0,099	0,308
CHR8	2162213	CHR8:2162213	SSF x Far_LoA	-11,1784632	0,031	0,304
CHR8	21624499	CHR8:21624499	SSF x Far_LoA	0,90588793	-0,053	0,310
CHR8	21624506	CHR8:21624506	SSF x Far_LoA	-7,38481163	-0,041	0,319
CHR8	21624746	CHR8:21624746	SSF x Far_LoA	-10,7887609	-0,053	0,304
CHR8	21624848	CHR8:21624848	SSF x Far_LoA	-5,01799988	0,241	0,285
CHR8	21624852	CHR8:21624852	SSF x Far_LoA	-7,62506063	0,156	0,284
CHR8	21628489	CHR8:21628489	SSF x Far_LoA	-9,08746476	-0,047	0,333
CHR8	21634489	CHR8:21634489	SSF x Far_LoA	-8,80675978	0,058	0,312
CHR8	21634875	CHR8:21634875	SSF x Far_LoA	-9,76435375	-0,014	0,303
CHR8	21637062	CHR8:21637062	SSF x Far_LoA	-6,41057245	0,076	0,311
CHR8	216466	CHR8:216466	SSF x Far_LoA	-9,38508746	0,044	0,315
CHR8	216472	CHR8:216472	SSF x Far_LoA	-8,43329653	-0,070	0,305
CHR8	21652013	CHR8:21652013	SSF x Far_LoA	-8,95915217	0,075	0,303
CHR8	21656444	CHR8:21656444	SSF x Far_LoA	-1,72769591	0,119	0,308
CHR8	21656620	CHR8:21656620	SSF x Far_LoA	-7,06261238	-0,044	0,310
CHR8	2165685	CHR8:2165685	SSF x Far_LoA	-11,2623812	-0,004	0,306
CHR8	2165923	CHR8:2165923	SSF x Far_LoA	-7,12374491	0,051	0,307
CHR8	21669029	CHR8:21669029	SSF x Far_LoA	-7,24708312	-0,159	0,300
CHR8	21669047	CHR8:21669047	SSF x Far_LoA	-7,54134033	0,018	0,309
CHR8	21669834	CHR8:21669834	SSF x Far_LoA	-10,1672675	-0,008	0,316
CHR8	21669843	CHR8:21669843	SSF x Far_LoA	-6,17526084	0,113	0,315
CHR8	21669850	CHR8:21669850	SSF x Far_LoA	-7,96546251	0,071	0,318
CHR8	21669873	CHR8:21669873	SSF x Far_LoA	-1,24064107	-0,110	0,306
CHR8	21669874	CHR8:21669874	SSF x Far_LoA	-9,49485685	-0,145	0,310
CHR8	21675535	CHR8:21675535	SSF x Far_LoA	-8,59752037	0,082	0,299
CHR8	21675608	CHR8:21675608	SSF x Far_LoA	-7,07906792	0,132	0,295
CHR8	21675641	CHR8:21675641	SSF x Far_LoA	-9,16910927	0,195	0,288
CHR8	21675653	CHR8:21675653	SSF x Far_LoA	-8,36670041	0,140	0,285
CHR8	21675660	CHR8:21675660	SSF x Far_LoA	-7,83765703	0,114	0,279
CHR8	21675718	CHR8:21675718	SSF x Far_LoA	-8,55655968	0,004	0,319
CHR8	21675723	CHR8:21675723	SSF x Far_LoA	-7,28164134	-0,041	0,309
CHR8	21675735	CHR8:21675735	SSF x Far_LoA	-8,96326158	0,010	0,303

CHR8	21675738	CHR8:21675738	SSF x Far_LoA	-5,34348684	0,038	0,310
CHR8	21675740	CHR8:21675740	SSF x Far_LoA	-7,7819815	0,032	0,298
CHR8	21677071	CHR8:21677071	SSF x Far_LoA	-10,1041824	-0,099	0,298
CHR8	21677098	CHR8:21677098	SSF x Far_LoA	-11,3500557	0,067	0,291
CHR8	21677236	CHR8:21677236	SSF x Far_LoA	-6,95925256	0,003	0,302
CHR8	21677284	CHR8:21677284	SSF x Far_LoA	-8,85238887	-0,103	0,308
CHR8	21677287	CHR8:21677287	SSF x Far_LoA	-8,77219827	-0,036	0,300
CHR8	21680522	CHR8:21680522	SSF x Far_LoA	-9,47873741	-0,076	0,305
CHR8	21680526	CHR8:21680526	SSF x Far_LoA	-8,50491831	-0,070	0,311
CHR8	21680543	CHR8:21680543	SSF x Far_LoA	-8,76910877	-0,081	0,325
CHR8	21680556	CHR8:21680556	SSF x Far_LoA	-11,0983512	-0,086	0,298
CHR8	21680574	CHR8:21680574	SSF x Far_LoA	-8,14273064	-0,065	0,318
CHR8	21680608	CHR8:21680608	SSF x Far_LoA	-9,75878965	0,139	0,300
CHR8	21680614	CHR8:21680614	SSF x Far_LoA	-10,7875824	-0,048	0,322
CHR8	21680655	CHR8:21680655	SSF x Far_LoA	-7,97373458	0,062	0,312
CHR8	21680687	CHR8:21680687	SSF x Far_LoA	-10,5926889	0,014	0,328
CHR8	21683750	CHR8:21683750	SSF x Far_LoA	-9,11088483	0,033	0,303
CHR8	21683773	CHR8:21683773	SSF x Far_LoA	-8,8862961	0,046	0,298
CHR8	21683794	CHR8:21683794	SSF x Far_LoA	-8,61188212	-0,091	0,311
CHR8	21683836	CHR8:21683836	SSF x Far_LoA	-9,98061892	-0,108	0,299
CHR8	21684685	CHR8:21684685	SSF x Far_LoA	-11,438595	0,082	0,309
CHR8	21699361	CHR8:21699361	SSF x Far_LoA	-8,29927132	-0,055	0,315
CHR8	21699370	CHR8:21699370	SSF x Far_LoA	-8,75343315	-0,076	0,306
CHR8	21699526	CHR8:21699526	SSF x Far_LoA	-7,99711652	0,093	0,300
CHR8	21699551	CHR8:21699551	SSF x Far_LoA	-10,234692	-0,040	0,304
CHR8	2172716	CHR8:2172716	SSF x Far_LoA	-8,51526893	-0,001	0,296
CHR8	21728475	CHR8:21728475	SSF x Far_LoA	-8,77264582	0,000	0,299
CHR8	21728544	CHR8:21728544	SSF x Far_LoA	-10,1863034	0,005	0,305
CHR8	21728573	CHR8:21728573	SSF x Far_LoA	-9,39984854	-0,120	0,301
CHR8	21728576	CHR8:21728576	SSF x Far_LoA	-7,84493404	-0,097	0,305
CHR8	2172934	CHR8:2172934	SSF x Far_LoA	-7,31152924	-0,143	0,297
CHR8	21734224	CHR8:21734224	SSF x Far_LoA	-8,4530949	0,044	0,296
CHR8	21734306	CHR8:21734306	SSF x Far_LoA	-8,14089066	0,094	0,311
CHR8	21734420	CHR8:21734420	SSF x Far_LoA	-10,6894556	-0,092	0,305
CHR8	21734436	CHR8:21734436	SSF x Far_LoA	-8,72969289	-0,073	0,305
CHR8	21734465	CHR8:21734465	SSF x Far_LoA	-11,2479437	-0,094	0,308
CHR8	21734466	CHR8:21734466	SSF x Far_LoA	-11,7789054	-0,070	0,303
CHR8	21745988	CHR8:21745988	SSF x Far_LoA	-9,39330056	0,036	0,313
CHR8	21747646	CHR8:21747646	SSF x Far_LoA	-11,4505473	0,058	0,313
CHR8	21747662	CHR8:21747662	SSF x Far_LoA	-10,761181	-0,040	0,315
CHR8	21747669	CHR8:21747669	SSF x Far_LoA	-8,38654888	0,104	0,294
CHR8	21747673	CHR8:21747673	SSF x Far_LoA	-7,83131168	0,124	0,288
CHR8	21748810	CHR8:21748810	SSF x Far_LoA	-8,07035348	-0,027	0,322
CHR8	21751262	CHR8:21751262	SSF x Far_LoA	-9,15616553	0,038	0,308
CHR8	21751315	CHR8:21751315	SSF x Far_LoA	-9,77429155	0,059	0,312
CHR8	21754133	CHR8:21754133	SSF x Far_LoA	-2,74887393	0,112	0,298
CHR8	21754162	CHR8:21754162	SSF x Far_LoA	-5,84630064	0,065	0,269
CHR8	21754165	CHR8:21754165	SSF x Far_LoA	-6,34590154	0,078	0,292
CHR8	21762974	CHR8:21762974	SSF x Far_LoA	-7,564687	-0,099	0,305
CHR8	21769985	CHR8:21769985	SSF x Far_LoA	-6,79298198	-0,175	0,303
CHR8	21770045	CHR8:21770045	SSF x Far_LoA	-9,99529395	-0,125	0,292
CHR8	21770049	CHR8:21770049	SSF x Far_LoA	-8,18013517	-0,008	0,303
CHR8	21770069	CHR8:21770069	SSF x Far_LoA	-9,83257168	-0,151	0,302

CHR8	21775447	CHR8:21775447	SSF x Far_LoA	-1,62969392	-0,023	0,313
CHR8	21775609	CHR8:21775609	SSF x Far_LoA	-5,99120794	-0,135	0,312
CHR8	21775694	CHR8:21775694	SSF x Far_LoA	-10,912266	-0,022	0,304
CHR8	21775700	CHR8:21775700	SSF x Far_LoA	-10,4954267	-0,035	0,298
CHR8	217807	CHR8:217807	SSF x Far_LoA	-11,3919969	-0,040	0,305
CHR8	21782737	CHR8:21782737	SSF x Far_LoA	-10,447699	0,042	0,299
CHR8	21782761	CHR8:21782761	SSF x Far_LoA	-8,33712058	-0,063	0,303
CHR8	21801666	CHR8:21801666	SSF x Far_LoA	-8,25655729	0,070	0,313
CHR8	21801670	CHR8:21801670	SSF x Far_LoA	-9,72915602	0,099	0,298
CHR8	21801671	CHR8:21801671	SSF x Far_LoA	-8,94011315	0,083	0,307
CHR8	21801673	CHR8:21801673	SSF x Far_LoA	-7,15500923	0,124	0,312
CHR8	21801686	CHR8:21801686	SSF x Far_LoA	-9,79002472	0,048	0,311
CHR8	21801700	CHR8:21801700	SSF x Far_LoA	-9,96206498	0,049	0,304
CHR8	21802619	CHR8:21802619	SSF x Far_LoA	-8,18414569	-0,077	0,316
CHR8	21802683	CHR8:21802683	SSF x Far_LoA	-8,46299477	-0,051	0,301
CHR8	21802718	CHR8:21802718	SSF x Far_LoA	-10,7514389	-0,111	0,303
CHR8	21810324	CHR8:21810324	SSF x Far_LoA	-9,51344771	-0,040	0,317
CHR8	21810350	CHR8:21810350	SSF x Far_LoA	-11,226722	-0,028	0,284
CHR8	21810763	CHR8:21810763	SSF x Far_LoA	-10,015203	0,060	0,305
CHR8	21816184	CHR8:21816184	SSF x Far_LoA	-11,3985778	0,044	0,314
CHR8	21823283	CHR8:21823283	SSF x Far_LoA	-8,4549705	0,085	0,319
CHR8	21823291	CHR8:21823291	SSF x Far_LoA	-8,4818073	0,117	0,307
CHR8	21823326	CHR8:21823326	SSF x Far_LoA	-9,74852501	0,020	0,315
CHR8	21827393	CHR8:21827393	SSF x Far_LoA	-7,94172803	-0,109	0,314
CHR8	21827434	CHR8:21827434	SSF x Far_LoA	-9,62278965	-0,072	0,306
CHR8	2182746	CHR8:2182746	SSF x Far_LoA	-9,37099083	-0,021	0,308
CHR8	21827503	CHR8:21827503	SSF x Far_LoA	-8,3212904	0,035	0,299
CHR8	2182799	CHR8:2182799	SSF x Far_LoA	-9,08012378	-0,036	0,293
CHR8	2182830	CHR8:2182830	SSF x Far_LoA	-10,876785	0,010	0,302
CHR8	2182837	CHR8:2182837	SSF x Far_LoA	-8,96947068	0,011	0,298
CHR8	2182900	CHR8:2182900	SSF x Far_LoA	-8,64710451	0,055	0,320
CHR8	2182997	CHR8:2182997	SSF x Far_LoA	-9,71642251	-0,030	0,298
CHR8	21831613	CHR8:21831613	SSF x Far_LoA	-10,5582955	0,041	0,300
CHR8	21835583	CHR8:21835583	SSF x Far_LoA	-10,345774	0,153	0,295
CHR8	21835667	CHR8:21835667	SSF x Far_LoA	-9,85869883	-0,055	0,303
CHR8	21843477	CHR8:21843477	SSF x Far_LoA	-9,0130625	-0,045	0,300
CHR8	21843562	CHR8:21843562	SSF x Far_LoA	-6,97195777	0,126	0,307
CHR8	21843711	CHR8:21843711	SSF x Far_LoA	-8,29347792	-0,102	0,305
CHR8	21855389	CHR8:21855389	SSF x Far_LoA	-9,94384017	-0,013	0,322
CHR8	21855404	CHR8:21855404	SSF x Far_LoA	-10,6461943	0,035	0,309
CHR8	21864686	CHR8:21864686	SSF x Far_LoA	-9,50642417	0,018	0,307
CHR8	21864699	CHR8:21864699	SSF x Far_LoA	-9,08562754	0,014	0,315
CHR8	21864739	CHR8:21864739	SSF x Far_LoA	-10,9091913	0,036	0,315
CHR8	21864744	CHR8:21864744	SSF x Far_LoA	-10,7021157	0,026	0,313
CHR8	21864756	CHR8:21864756	SSF x Far_LoA	-7,24699003	-0,015	0,304
CHR8	21864839	CHR8:21864839	SSF x Far_LoA	-11,1736037	0,008	0,305
CHR8	21864851	CHR8:21864851	SSF x Far_LoA	-8,21589367	0,042	0,310
CHR8	21866835	CHR8:21866835	SSF x Far_LoA	-10,8684923	0,020	0,303
CHR8	21866945	CHR8:21866945	SSF x Far_LoA	-9,58907259	0,066	0,305
CHR8	21867584	CHR8:21867584	SSF x Far_LoA	-7,40588481	-0,081	0,324
CHR8	21876029	CHR8:21876029	SSF x Far_LoA	-9,23802501	0,073	0,309
CHR8	21885469	CHR8:21885469	SSF x Far_LoA	-9,58302392	0,015	0,302
CHR8	2189106	CHR8:2189106	SSF x Far_LoA	-11,4018593	-0,026	0,302

CHR8	2189113	CHR8:2189113	SSF x Far_LoA	-11,3962445	0,076	0,307
CHR8	2189186	CHR8:2189186	SSF x Far_LoA	-10,9235449	0,068	0,302
CHR8	21892161	CHR8:21892161	SSF x Far_LoA	-10,3826443	-0,071	0,297
CHR8	21892288	CHR8:21892288	SSF x Far_LoA	-9,0051943	0,012	0,306
CHR8	21922354	CHR8:21922354	SSF x Far_LoA	-10,0896025	-0,025	0,315
CHR8	21922374	CHR8:21922374	SSF x Far_LoA	-11,0899	0,032	0,316
CHR8	21922409	CHR8:21922409	SSF x Far_LoA	-5,6009794	0,133	0,298
CHR8	21922437	CHR8:21922437	SSF x Far_LoA	-9,49982341	-0,002	0,305
CHR8	21922619	CHR8:21922619	SSF x Far_LoA	-9,8705954	0,001	0,305
CHR8	21922630	CHR8:21922630	SSF x Far_LoA	-8,07909462	-0,077	0,312
CHR8	21926867	CHR8:21926867	SSF x Far_LoA	-10,7046156	-0,040	0,312
CHR8	21926934	CHR8:21926934	SSF x Far_LoA	-8,54072904	-0,009	0,296
CHR8	21926965	CHR8:21926965	SSF x Far_LoA	-10,8919056	0,008	0,314
CHR8	21927100	CHR8:21927100	SSF x Far_LoA	-10,6227575	0,022	0,298
CHR8	21927104	CHR8:21927104	SSF x Far_LoA	-8,95563108	-0,149	0,302
CHR8	21927109	CHR8:21927109	SSF x Far_LoA	-10,2673628	-0,023	0,298
CHR8	21927113	CHR8:21927113	SSF x Far_LoA	-8,16076323	-0,120	0,314
CHR8	21937151	CHR8:21937151	SSF x Far_LoA	-9,1339496	-0,003	0,306
CHR8	21942971	CHR8:21942971	SSF x Far_LoA	-8,08878122	0,050	0,317
CHR8	21949250	CHR8:21949250	SSF x Far_LoA	-10,9061706	0,048	0,305
CHR8	21956465	CHR8:21956465	SSF x Far_LoA	-9,70770574	-0,032	0,312
CHR8	21956639	CHR8:21956639	SSF x Far_LoA	-5,34240506	0,165	0,312
CHR8	21956646	CHR8:21956646	SSF x Far_LoA	-8,26685312	-0,084	0,316
CHR8	21962555	CHR8:21962555	SSF x Far_LoA	-6,60180638	-0,047	0,321
CHR8	2196294	CHR8:2196294	SSF x Far_LoA	-11,0700855	-0,024	0,311
CHR8	2196304	CHR8:2196304	SSF x Far_LoA	-9,99873257	0,002	0,279
CHR8	2196331	CHR8:2196331	SSF x Far_LoA	-11,1700471	0,065	0,305
CHR8	2196349	CHR8:2196349	SSF x Far_LoA	-9,82801316	0,138	0,291
CHR8	21970303	CHR8:21970303	SSF x Far_LoA	-9,09910367	-0,065	0,290
CHR8	21990716	CHR8:21990716	SSF x Far_LoA	-8,26979194	-0,189	0,299
CHR8	21990784	CHR8:21990784	SSF x Far_LoA	-11,1080711	-0,051	0,307
CHR8	21990787	CHR8:21990787	SSF x Far_LoA	-6,36285706	-0,070	0,296
CHR8	21990828	CHR8:21990828	SSF x Far_LoA	-11,3286264	0,019	0,301
CHR8	21992797	CHR8:21992797	SSF x Far_LoA	-7,87663291	-0,175	0,294
CHR8	21997549	CHR8:21997549	SSF x Far_LoA	-9,58999171	0,048	0,313
CHR8	22002800	CHR8:22002800	SSF x Far_LoA	-5,47844554	0,209	0,293
CHR8	22008851	CHR8:22008851	SSF x Far_LoA	-10,3944412	-0,040	0,297
CHR8	22008888	CHR8:22008888	SSF x Far_LoA	-10,068569	-0,060	0,292
CHR8	22008908	CHR8:22008908	SSF x Far_LoA	-10,9862129	0,065	0,301
CHR8	22008975	CHR8:22008975	SSF x Far_LoA	-9,66416532	0,091	0,297
CHR8	22009012	CHR8:22009012	SSF x Far_LoA	-7,72748247	-0,135	0,324
CHR8	22009058	CHR8:22009058	SSF x Far_LoA	-6,26609783	0,141	0,295
CHR8	22009061	CHR8:22009061	SSF x Far_LoA	-8,93094308	-0,012	0,292
CHR8	22013803	CHR8:22013803	SSF x Far_LoA	-6,90456062	-0,066	0,313
CHR8	22013814	CHR8:22013814	SSF x Far_LoA	-6,66508169	0,168	0,288
CHR8	22013909	CHR8:22013909	SSF x Far_LoA	-7,05517033	0,181	0,294
CHR8	22015870	CHR8:22015870	SSF x Far_LoA	-11,4732691	0,021	0,296
CHR8	22015918	CHR8:22015918	SSF x Far_LoA	-10,3035539	-0,043	0,306
CHR8	22017810	CHR8:22017810	SSF x Far_LoA	-11,116618	-0,020	0,315
CHR8	22022322	CHR8:22022322	SSF x Far_LoA	-10,9661461	-0,071	0,296
CHR8	22022410	CHR8:22022410	SSF x Far_LoA	-8,62909042	0,080	0,297
CHR8	22022469	CHR8:22022469	SSF x Far_LoA	-7,79522983	-0,106	0,300
CHR8	22022515	CHR8:22022515	SSF x Far_LoA	-10,8103905	0,023	0,301

CHR8	22022557	CHR8:22022557	SSF x Far_LoA	-5,77306202	0,185	0,301
CHR8	22033650	CHR8:22033650	SSF x Far_LoA	-8,77196957	0,034	0,301
CHR8	22033802	CHR8:22033802	SSF x Far_LoA	-8,67330619	-0,081	0,294
CHR8	22033808	CHR8:22033808	SSF x Far_LoA	-9,63165005	0,053	0,307
CHR8	22033839	CHR8:22033839	SSF x Far_LoA	-8,76082116	0,008	0,313
CHR8	22036769	CHR8:22036769	SSF x Far_LoA	-7,95073256	-0,001	0,304
CHR8	22039692	CHR8:22039692	SSF x Far_LoA	-11,6099328	0,094	0,302
CHR8	22039707	CHR8:22039707	SSF x Far_LoA	-6,69422048	0,100	0,306
CHR8	22045591	CHR8:22045591	SSF x Far_LoA	-10,5331077	0,013	0,294
CHR8	22046042	CHR8:22046042	SSF x Far_LoA	-10,0683842	0,009	0,291
CHR8	22046048	CHR8:22046048	SSF x Far_LoA	-10,4316581	-0,020	0,301
CHR8	22047515	CHR8:22047515	SSF x Far_LoA	-8,01649316	0,147	0,294
CHR8	22047532	CHR8:22047532	SSF x Far_LoA	-7,54503005	0,139	0,299
CHR8	22047536	CHR8:22047536	SSF x Far_LoA	-11,545167	-0,045	0,295
CHR8	22047608	CHR8:22047608	SSF x Far_LoA	-7,96545978	0,137	0,321
CHR8	22047614	CHR8:22047614	SSF x Far_LoA	-11,7565997	0,017	0,314
CHR8	22047679	CHR8:22047679	SSF x Far_LoA	-7,58563842	0,158	0,298
CHR8	22047725	CHR8:22047725	SSF x Far_LoA	-8,52343293	-0,183	0,290
CHR8	22057711	CHR8:22057711	SSF x Far_LoA	-9,07488445	-0,013	0,310
CHR8	22057717	CHR8:22057717	SSF x Far_LoA	-10,6108469	0,025	0,309
CHR8	22057721	CHR8:22057721	SSF x Far_LoA	-8,02886933	0,018	0,315
CHR8	22057764	CHR8:22057764	SSF x Far_LoA	-9,53934776	0,016	0,318
CHR8	22057799	CHR8:22057799	SSF x Far_LoA	-11,2108191	0,039	0,300
CHR8	22057854	CHR8:22057854	SSF x Far_LoA	-8,82494234	-0,124	0,292
CHR8	22057857	CHR8:22057857	SSF x Far_LoA	-9,09662179	-0,014	0,312
CHR8	22057898	CHR8:22057898	SSF x Far_LoA	-10,0948088	-0,010	0,305
CHR8	22061147	CHR8:22061147	SSF x Far_LoA	-11,8113554	-0,006	0,322
CHR8	22061444	CHR8:22061444	SSF x Far_LoA	-9,21105262	0,068	0,305
CHR8	22064486	CHR8:22064486	SSF x Far_LoA	-10,2469199	0,054	0,291
CHR8	22064543	CHR8:22064543	SSF x Far_LoA	-10,1216367	0,009	0,310
CHR8	22064677	CHR8:22064677	SSF x Far_LoA	-12,0208193	0,012	0,311
CHR8	22064698	CHR8:22064698	SSF x Far_LoA	-11,1004632	0,159	0,299
CHR8	22066838	CHR8:22066838	SSF x Far_LoA	-10,5260665	-0,019	0,300
CHR8	22066916	CHR8:22066916	SSF x Far_LoA	-11,0734961	-0,023	0,300
CHR8	22069977	CHR8:22069977	SSF x Far_LoA	-10,3662014	0,003	0,301
CHR8	22070019	CHR8:22070019	SSF x Far_LoA	-10,9299895	0,050	0,293
CHR8	22070062	CHR8:22070062	SSF x Far_LoA	-7,3554295	-0,095	0,301
CHR8	22070074	CHR8:22070074	SSF x Far_LoA	-11,6414984	-0,021	0,287
CHR8	22070103	CHR8:22070103	SSF x Far_LoA	-9,83810341	0,070	0,315
CHR8	22070105	CHR8:22070105	SSF x Far_LoA	-10,8205914	0,060	0,309
CHR8	22070804	CHR8:22070804	SSF x Far_LoA	-6,637226	-0,009	0,316
CHR8	22073152	CHR8:22073152	SSF x Far_LoA	-5,49541055	-0,037	0,319
CHR8	22074177	CHR8:22074177	SSF x Far_LoA	-11,028282	0,056	0,288
CHR8	22074191	CHR8:22074191	SSF x Far_LoA	-10,3246968	0,038	0,298
CHR8	22074238	CHR8:22074238	SSF x Far_LoA	-11,2201449	0,026	0,305
CHR8	22082798	CHR8:22082798	SSF x Far_LoA	-10,2602277	0,016	0,299
CHR8	22083002	CHR8:22083002	SSF x Far_LoA	-8,81957716	-0,039	0,302
CHR8	22083096	CHR8:22083096	SSF x Far_LoA	-10,6891481	0,078	0,305
CHR8	22083114	CHR8:22083114	SSF x Far_LoA	-6,21800382	-0,036	0,301
CHR8	2208800	CHR8:2208800	SSF x Far_LoA	-11,2257171	-0,053	0,303
CHR8	2208849	CHR8:2208849	SSF x Far_LoA	-10,0749108	0,047	0,318
CHR8	2210517	CHR8:2210517	SSF x Far_LoA	-11,0826311	0,024	0,304
CHR8	22105710	CHR8:22105710	SSF x Far_LoA	-8,03303114	0,083	0,300

CHR8	22105766	CHR8:22105766	SSF x Far_LoA	-9,40059424	0,018	0,314
CHR8	22105874	CHR8:22105874	SSF x Far_LoA	-9,49782007	-0,067	0,326
CHR8	22105898	CHR8:22105898	SSF x Far_LoA	-10,0892114	0,008	0,308
CHR8	22105903	CHR8:22105903	SSF x Far_LoA	-9,33246615	0,020	0,308
CHR8	22108041	CHR8:22108041	SSF x Far_LoA	-9,32689986	0,037	0,288
CHR8	22108102	CHR8:22108102	SSF x Far_LoA	-5,57247557	0,179	0,292
CHR8	22108118	CHR8:22108118	SSF x Far_LoA	-7,49921453	0,083	0,300
CHR8	22112109	CHR8:22112109	SSF x Far_LoA	-9,99536577	0,024	0,297
CHR8	22112188	CHR8:22112188	SSF x Far_LoA	-9,99432834	-0,175	0,296
CHR8	22112252	CHR8:22112252	SSF x Far_LoA	-7,43448857	0,137	0,313
CHR8	22113229	CHR8:22113229	SSF x Far_LoA	-7,08661027	0,072	0,300
CHR8	22113236	CHR8:22113236	SSF x Far_LoA	-11,7450466	0,035	0,291
CHR8	22113251	CHR8:22113251	SSF x Far_LoA	-7,90716065	0,098	0,295
CHR8	22113255	CHR8:22113255	SSF x Far_LoA	-8,76753277	0,122	0,297
CHR8	22113262	CHR8:22113262	SSF x Far_LoA	-10,458322	0,090	0,295
CHR8	22113270	CHR8:22113270	SSF x Far_LoA	-7,14374878	0,004	0,310
CHR8	22113311	CHR8:22113311	SSF x Far_LoA	-10,5704504	0,022	0,297
CHR8	22113318	CHR8:22113318	SSF x Far_LoA	-8,96642848	0,062	0,292
CHR8	2211485	CHR8:2211485	SSF x Far_LoA	-10,2078402	0,086	0,309
CHR8	2211516	CHR8:2211516	SSF x Far_LoA	-9,97150924	0,007	0,308
CHR8	22115704	CHR8:22115704	SSF x Far_LoA	-8,69084338	0,085	0,305
CHR8	2211693	CHR8:2211693	SSF x Far_LoA	-11,1006731	0,005	0,303
CHR8	22123230	CHR8:22123230	SSF x Far_LoA	-1,8193615	-0,083	0,312
CHR8	22130153	CHR8:22130153	SSF x Far_LoA	-6,71216475	-0,167	0,309
CHR8	22130187	CHR8:22130187	SSF x Far_LoA	-11,4165174	0,030	0,314
CHR8	22130188	CHR8:22130188	SSF x Far_LoA	-8,14199178	-0,062	0,302
CHR8	22134867	CHR8:22134867	SSF x Far_LoA	-10,1604245	0,076	0,303
CHR8	22134868	CHR8:22134868	SSF x Far_LoA	-10,0943351	-0,070	0,296
CHR8	22134886	CHR8:22134886	SSF x Far_LoA	-8,64069675	0,020	0,313
CHR8	22134895	CHR8:22134895	SSF x Far_LoA	-9,65028594	0,091	0,308
CHR8	22134936	CHR8:22134936	SSF x Far_LoA	-9,1785188	0,071	0,303
CHR8	22134940	CHR8:22134940	SSF x Far_LoA	-11,0061156	0,049	0,301
CHR8	22134964	CHR8:22134964	SSF x Far_LoA	-7,43023319	0,005	0,305
CHR8	2214010	CHR8:2214010	SSF x Far_LoA	-8,73983288	-0,003	0,327
CHR8	2214048	CHR8:2214048	SSF x Far_LoA	-7,68843316	-0,054	0,319
CHR8	2214111	CHR8:2214111	SSF x Far_LoA	-11,3714459	0,051	0,304
CHR8	22141152	CHR8:22141152	SSF x Far_LoA	-8,5104178	-0,118	0,301
CHR8	22141179	CHR8:22141179	SSF x Far_LoA	-7,44146844	-0,156	0,312
CHR8	22152991	CHR8:22152991	SSF x Far_LoA	-11,6218842	0,015	0,296
CHR8	22152992	CHR8:22152992	SSF x Far_LoA	-6,65943328	-0,130	0,306
CHR8	22152995	CHR8:22152995	SSF x Far_LoA	-8,95389522	-0,056	0,303
CHR8	22153051	CHR8:22153051	SSF x Far_LoA	-11,8300684	0,023	0,292
CHR8	22153058	CHR8:22153058	SSF x Far_LoA	-11,8173093	0,062	0,301
CHR8	22153070	CHR8:22153070	SSF x Far_LoA	-5,09443295	0,151	0,298
CHR8	22153074	CHR8:22153074	SSF x Far_LoA	-5,7792328	-0,130	0,298
CHR8	22153080	CHR8:22153080	SSF x Far_LoA	-10,4698932	-0,131	0,305
CHR8	22153147	CHR8:22153147	SSF x Far_LoA	-8,30459596	-0,026	0,314
CHR8	22153161	CHR8:22153161	SSF x Far_LoA	-6,18838237	0,178	0,285
CHR8	22153172	CHR8:22153172	SSF x Far_LoA	-8,88274068	0,067	0,296
CHR8	22155535	CHR8:22155535	SSF x Far_LoA	-11,0198765	0,045	0,306
CHR8	22155660	CHR8:22155660	SSF x Far_LoA	-9,92410949	0,004	0,299
CHR8	22155682	CHR8:22155682	SSF x Far_LoA	-7,16268169	0,030	0,293
CHR8	2216186	CHR8:2216186	SSF x Far_LoA	-11,4691965	0,038	0,297

CHR8	22174212	CHR8:22174212	SSF x Far_LoA	-8,73536012	0,130	0,292
CHR8	22175090	CHR8:22175090	SSF x Far_LoA	-11,6515234	0,037	0,310
CHR8	22179937	CHR8:22179937	SSF x Far_LoA	-9,63140786	-0,022	0,310
CHR8	22179996	CHR8:22179996	SSF x Far_LoA	-9,09095161	-0,015	0,307
CHR8	22179998	CHR8:22179998	SSF x Far_LoA	-8,75153315	-0,080	0,304
CHR8	22180013	CHR8:22180013	SSF x Far_LoA	-9,98942566	-0,029	0,302
CHR8	22180074	CHR8:22180074	SSF x Far_LoA	-6,88639357	0,189	0,297
CHR8	22180099	CHR8:22180099	SSF x Far_LoA	-7,97969863	-0,146	0,297
CHR8	22180132	CHR8:22180132	SSF x Far_LoA	-7,85706571	-0,086	0,314
CHR8	22182984	CHR8:22182984	SSF x Far_LoA	-11,6950124	0,028	0,303
CHR8	22182989	CHR8:22182989	SSF x Far_LoA	-8,6534947	0,112	0,300
CHR8	22201605	CHR8:22201605	SSF x Far_LoA	-10,5084301	0,105	0,302
CHR8	22201873	CHR8:22201873	SSF x Far_LoA	-6,68399106	-0,092	0,322
CHR8	22203851	CHR8:22203851	SSF x Far_LoA	-8,28670688	0,095	0,301
CHR8	22203878	CHR8:22203878	SSF x Far_LoA	-7,98847204	0,110	0,307
CHR8	22210907	CHR8:22210907	SSF x Far_LoA	-9,34832293	0,095	0,323
CHR8	22213491	CHR8:22213491	SSF x Far_LoA	-7,59020138	-0,089	0,297
CHR8	22218107	CHR8:22218107	SSF x Far_LoA	-9,50919957	0,034	0,307
CHR8	22218118	CHR8:22218118	SSF x Far_LoA	-8,58683664	0,124	0,299
CHR8	22218132	CHR8:22218132	SSF x Far_LoA	-9,23664897	0,104	0,306
CHR8	22219747	CHR8:22219747	SSF x Far_LoA	-12,4324486	0,044	0,310
CHR8	22219765	CHR8:22219765	SSF x Far_LoA	-11,2137686	0,030	0,316
CHR8	22219834	CHR8:22219834	SSF x Far_LoA	-5,33852753	0,000	0,319
CHR8	22220275	CHR8:22220275	SSF x Far_LoA	-10,6785291	-0,071	0,310
CHR8	22220290	CHR8:22220290	SSF x Far_LoA	-8,90793225	0,042	0,315
CHR8	22220304	CHR8:22220304	SSF x Far_LoA	-9,76542371	-0,031	0,301
CHR8	22220327	CHR8:22220327	SSF x Far_LoA	-8,6883553	0,011	0,310
CHR8	22220333	CHR8:22220333	SSF x Far_LoA	-10,6197261	-0,132	0,300
CHR8	22220365	CHR8:22220365	SSF x Far_LoA	-8,55454873	-0,105	0,323
CHR8	22223043	CHR8:22223043	SSF x Far_LoA	-10,4065584	-0,020	0,318
CHR8	22223133	CHR8:22223133	SSF x Far_LoA	-11,0434667	-0,036	0,306
CHR8	22227063	CHR8:22227063	SSF x Far_LoA	-11,295039	-0,048	0,292
CHR8	22227237	CHR8:22227237	SSF x Far_LoA	-9,35397974	-0,001	0,295
CHR8	22240679	CHR8:22240679	SSF x Far_LoA	-10,4574494	0,002	0,308
CHR8	22240691	CHR8:22240691	SSF x Far_LoA	-9,98031933	-0,041	0,301
CHR8	22240758	CHR8:22240758	SSF x Far_LoA	-7,14753509	0,078	0,303
CHR8	22240785	CHR8:22240785	SSF x Far_LoA	-8,47544515	0,063	0,312
CHR8	22240854	CHR8:22240854	SSF x Far_LoA	-11,0739656	0,000	0,304
CHR8	2224371	CHR8:2224371	SSF x Far_LoA	-8,37604939	-0,064	0,300
CHR8	2224398	CHR8:2224398	SSF x Far_LoA	-5,94975343	-0,091	0,311
CHR8	2224489	CHR8:2224489	SSF x Far_LoA	-7,77516508	-0,081	0,310
CHR8	22246301	CHR8:22246301	SSF x Far_LoA	-9,55909565	-0,043	0,313
CHR8	22246302	CHR8:22246302	SSF x Far_LoA	-7,8508349	-0,104	0,293
CHR8	22246339	CHR8:22246339	SSF x Far_LoA	-8,14977983	0,104	0,303
CHR8	22246382	CHR8:22246382	SSF x Far_LoA	-10,3354473	0,067	0,307
CHR8	22246398	CHR8:22246398	SSF x Far_LoA	-8,71271198	-0,064	0,310
CHR8	22246419	CHR8:22246419	SSF x Far_LoA	-11,5818837	-0,028	0,302
CHR8	22280027	CHR8:22280027	SSF x Far_LoA	8,23119671	-0,153	0,307
CHR8	22282745	CHR8:22282745	SSF x Far_LoA	-10,024565	0,086	0,298
CHR8	22283923	CHR8:22283923	SSF x Far_LoA	-9,98538919	-0,116	0,312
CHR8	22283999	CHR8:22283999	SSF x Far_LoA	-7,8213141	-0,134	0,309
CHR8	22284037	CHR8:22284037	SSF x Far_LoA	-6,91343148	0,083	0,310
CHR8	22287144	CHR8:22287144	SSF x Far_LoA	-9,34778332	0,035	0,303

CHR8	22287149	CHR8:22287149	SSF x Far_LoA	-11,451772	-0,058	0,313
CHR8	22287220	CHR8:22287220	SSF x Far_LoA	-10,9609776	-0,044	0,306
CHR8	22287239	CHR8:22287239	SSF x Far_LoA	-6,48880244	-0,058	0,320
CHR8	22287252	CHR8:22287252	SSF x Far_LoA	-7,32317606	0,086	0,306
CHR8	22287259	CHR8:22287259	SSF x Far_LoA	-7,68970547	0,083	0,321
CHR8	22287273	CHR8:22287273	SSF x Far_LoA	-8,83918553	-0,013	0,299
CHR8	22288463	CHR8:22288463	SSF x Far_LoA	-7,74442648	-0,017	0,299
CHR8	22288496	CHR8:22288496	SSF x Far_LoA	-7,62741251	0,096	0,298
CHR8	22288531	CHR8:22288531	SSF x Far_LoA	-9,21139279	-0,139	0,306
CHR8	22288586	CHR8:22288586	SSF x Far_LoA	-9,99450423	-0,169	0,295
CHR8	22289388	CHR8:22289388	SSF x Far_LoA	-7,58571375	-0,034	0,305
CHR8	2229371	CHR8:2229371	SSF x Far_LoA	-11,4319493	0,066	0,314
CHR8	2229446	CHR8:2229446	SSF x Far_LoA	-12,2492023	0,061	0,300
CHR8	22302257	CHR8:22302257	SSF x Far_LoA	-11,2739552	-0,034	0,302
CHR8	22308164	CHR8:22308164	SSF x Far_LoA	-9,62730757	-0,011	0,296
CHR8	22308265	CHR8:22308265	SSF x Far_LoA	-5,32122052	0,137	0,308
CHR8	22319623	CHR8:22319623	SSF x Far_LoA	-7,37170852	-0,117	0,307
CHR8	22319700	CHR8:22319700	SSF x Far_LoA	-5,59803468	-0,012	0,317
CHR8	22319706	CHR8:22319706	SSF x Far_LoA	-8,05558053	0,034	0,308
CHR8	22319830	CHR8:22319830	SSF x Far_LoA	-8,22090639	-0,127	0,280
CHR8	22332108	CHR8:22332108	SSF x Far_LoA	-9,8960449	0,115	0,298
CHR8	22332116	CHR8:22332116	SSF x Far_LoA	-1,07261053	0,012	0,316
CHR8	22332156	CHR8:22332156	SSF x Far_LoA	-8,42133938	0,009	0,306
CHR8	22332261	CHR8:22332261	SSF x Far_LoA	-9,40254455	-0,031	0,292
CHR8	22332342	CHR8:22332342	SSF x Far_LoA	-4,01815306	-0,153	0,309
CHR8	22332445	CHR8:22332445	SSF x Far_LoA	-6,96155856	-0,127	0,297
CHR8	22332450	CHR8:22332450	SSF x Far_LoA	-1,37165361	-0,112	0,310
CHR8	22332552	CHR8:22332552	SSF x Far_LoA	-9,46640174	0,139	0,302
CHR8	22336388	CHR8:22336388	SSF x Far_LoA	-9,72340763	0,069	0,313
CHR8	22336400	CHR8:22336400	SSF x Far_LoA	-6,04299357	-0,003	0,295
CHR8	22338625	CHR8:22338625	SSF x Far_LoA	-11,6815299	0,084	0,295
CHR8	22347896	CHR8:22347896	SSF x Far_LoA	-8,98847233	0,004	0,319
CHR8	22347903	CHR8:22347903	SSF x Far_LoA	-9,83128594	0,015	0,314
CHR8	22350723	CHR8:22350723	SSF x Far_LoA	-8,7337567	0,099	0,291
CHR8	22350761	CHR8:22350761	SSF x Far_LoA	-10,2118017	0,026	0,304
CHR8	22350803	CHR8:22350803	SSF x Far_LoA	-8,38851229	-0,118	0,290
CHR8	22365346	CHR8:22365346	SSF x Far_LoA	-9,63336646	0,018	0,311
CHR8	22365440	CHR8:22365440	SSF x Far_LoA	-8,90396876	0,033	0,299
CHR8	22365445	CHR8:22365445	SSF x Far_LoA	-8,42708457	0,020	0,297
CHR8	22365532	CHR8:22365532	SSF x Far_LoA	-10,0043882	0,002	0,324
CHR8	22370708	CHR8:22370708	SSF x Far_LoA	-11,9561592	-0,007	0,291
CHR8	22370726	CHR8:22370726	SSF x Far_LoA	-8,02840203	0,109	0,312
CHR8	22372277	CHR8:22372277	SSF x Far_LoA	-11,4822006	-0,003	0,316
CHR8	22372338	CHR8:22372338	SSF x Far_LoA	-9,81689311	0,029	0,305
CHR8	22375756	CHR8:22375756	SSF x Far_LoA	-5,24454929	-0,157	0,301
CHR8	22386076	CHR8:22386076	SSF x Far_LoA	-7,81267219	-0,132	0,301
CHR8	22387430	CHR8:22387430	SSF x Far_LoA	-10,5265241	0,079	0,309
CHR8	22387534	CHR8:22387534	SSF x Far_LoA	-6,16560282	0,083	0,299
CHR8	22389132	CHR8:22389132	SSF x Far_LoA	-10,730449	-0,102	0,291
CHR8	22389181	CHR8:22389181	SSF x Far_LoA	-8,46083811	-0,086	0,303
CHR8	22389185	CHR8:22389185	SSF x Far_LoA	-9,92436	0,056	0,293
CHR8	22389224	CHR8:22389224	SSF x Far_LoA	-6,14403523	0,143	0,303
CHR8	22389303	CHR8:22389303	SSF x Far_LoA	-8,78380384	0,168	0,293

CHR8	22397388	CHR8:22397388	SSF x Far_LoA	-10,5907728	0,067	0,306
CHR8	22402975	CHR8:22402975	SSF x Far_LoA	-8,95496534	0,060	0,305
CHR8	22412993	CHR8:22412993	SSF x Far_LoA	-9,42542784	0,071	0,315
CHR8	22416091	CHR8:22416091	SSF x Far_LoA	-9,59618036	-0,009	0,302
CHR8	22427847	CHR8:22427847	SSF x Far_LoA	-9,05634306	-0,125	0,293
CHR8	22429149	CHR8:22429149	SSF x Far_LoA	-9,69852136	-0,072	0,298
CHR8	22436027	CHR8:22436027	SSF x Far_LoA	-8,77508193	0,018	0,314
CHR8	22436038	CHR8:22436038	SSF x Far_LoA	-10,3414879	0,110	0,300
CHR8	22436048	CHR8:22436048	SSF x Far_LoA	-8,77277039	-0,032	0,304
CHR8	22436106	CHR8:22436106	SSF x Far_LoA	-8,26248286	0,024	0,306
CHR8	22441600	CHR8:22441600	SSF x Far_LoA	-10,9645958	-0,021	0,313
CHR8	22454117	CHR8:22454117	SSF x Far_LoA	-9,68881751	0,124	0,285
CHR8	22454120	CHR8:22454120	SSF x Far_LoA	-9,28856363	0,099	0,303
CHR8	22454140	CHR8:22454140	SSF x Far_LoA	-11,2178156	0,048	0,295
CHR8	22454154	CHR8:22454154	SSF x Far_LoA	-10,1564361	-0,052	0,308
CHR8	22454263	CHR8:22454263	SSF x Far_LoA	-7,81648761	0,138	0,299
CHR8	22467353	CHR8:22467353	SSF x Far_LoA	-9,03308944	-0,094	0,306
CHR8	22467381	CHR8:22467381	SSF x Far_LoA	-12,4226845	-0,048	0,290
CHR8	22467412	CHR8:22467412	SSF x Far_LoA	-6,95983356	-0,171	0,298
CHR8	22467468	CHR8:22467468	SSF x Far_LoA	-8,78989271	-0,084	0,305
CHR8	22468738	CHR8:22468738	SSF x Far_LoA	-8,86363335	-0,087	0,310
CHR8	22468764	CHR8:22468764	SSF x Far_LoA	-9,30787222	0,000	0,307
CHR8	22468765	CHR8:22468765	SSF x Far_LoA	-8,26728862	0,085	0,296
CHR8	22468766	CHR8:22468766	SSF x Far_LoA	-8,92584276	0,056	0,309
CHR8	22470115	CHR8:22470115	SSF x Far_LoA	-9,530967	0,071	0,305
CHR8	22470197	CHR8:22470197	SSF x Far_LoA	-7,38503371	0,136	0,302
CHR8	22472675	CHR8:22472675	SSF x Far_LoA	-10,4885226	0,097	0,302
CHR8	22472771	CHR8:22472771	SSF x Far_LoA	-9,59549811	-0,015	0,311
CHR8	22480964	CHR8:22480964	SSF x Far_LoA	-5,23816091	-0,010	0,306
CHR8	22496856	CHR8:22496856	SSF x Far_LoA	-7,64226392	0,124	0,298
CHR8	22496903	CHR8:22496903	SSF x Far_LoA	-11,9219799	0,049	0,298
CHR8	22500396	CHR8:22500396	SSF x Far_LoA	-7,64244027	-0,037	0,303
CHR8	22500518	CHR8:22500518	SSF x Far_LoA	-7,76029575	0,099	0,299
CHR8	22500521	CHR8:22500521	SSF x Far_LoA	-10,1414318	-0,058	0,308
CHR8	22500526	CHR8:22500526	SSF x Far_LoA	-9,89741215	-0,029	0,310
CHR8	22500585	CHR8:22500585	SSF x Far_LoA	-10,7812331	-0,015	0,317
CHR8	22510087	CHR8:22510087	SSF x Far_LoA	-7,02042281	-0,095	0,298
CHR8	22510122	CHR8:22510122	SSF x Far_LoA	-11,1248972	-0,050	0,307
CHR8	22541167	CHR8:22541167	SSF x Far_LoA	-10,4728672	0,018	0,300
CHR8	22541229	CHR8:22541229	SSF x Far_LoA	-7,56530144	-0,043	0,312
CHR8	2255447	CHR8:2255447	SSF x Far_LoA	-8,84493128	0,072	0,296
CHR8	22554878	CHR8:22554878	SSF x Far_LoA	-9,43673497	0,022	0,314
CHR8	22555019	CHR8:22555019	SSF x Far_LoA	-10,7415856	-0,030	0,303
CHR8	22555109	CHR8:22555109	SSF x Far_LoA	-11,1424219	0,000	0,299
CHR8	22556649	CHR8:22556649	SSF x Far_LoA	-5,70619802	0,028	0,295
CHR8	22570514	CHR8:22570514	SSF x Far_LoA	-8,36064138	0,000	0,306
CHR8	22570532	CHR8:22570532	SSF x Far_LoA	-11,3609715	-0,089	0,306
CHR8	22570574	CHR8:22570574	SSF x Far_LoA	-8,73487185	0,000	0,307
CHR8	22570578	CHR8:22570578	SSF x Far_LoA	-8,34333099	-0,104	0,306
CHR8	22570638	CHR8:22570638	SSF x Far_LoA	-7,73527406	-0,080	0,314
CHR8	22572496	CHR8:22572496	SSF x Far_LoA	-6,74790749	0,039	0,313
CHR8	22573504	CHR8:22573504	SSF x Far_LoA	-8,87803569	0,058	0,309
CHR8	22576879	CHR8:22576879	SSF x Far_LoA	-6,39439202	-0,106	0,305

CHR8	2258042	CHR8:2258042	SSF x Far_LoA	-9,73547821	0,040	0,303
CHR8	2258184	CHR8:2258184	SSF x Far_LoA	-9,61094159	-0,104	0,302
CHR8	2258192	CHR8:2258192	SSF x Far_LoA	-7,58075415	-0,108	0,316
CHR8	2258224	CHR8:2258224	SSF x Far_LoA	-9,04178562	0,061	0,303
CHR8	22600060	CHR8:22600060	SSF x Far_LoA	-7,53307708	-0,078	0,323
CHR8	22600360	CHR8:22600360	SSF x Far_LoA	-11,5759103	-0,059	0,314
CHR8	22603568	CHR8:22603568	SSF x Far_LoA	-10,3990474	0,035	0,314
CHR8	22603587	CHR8:22603587	SSF x Far_LoA	-7,37698692	-0,153	0,317
CHR8	22603821	CHR8:22603821	SSF x Far_LoA	-10,3133919	-0,034	0,309
CHR8	22606283	CHR8:22606283	SSF x Far_LoA	-13,0461637	0,016	0,293
CHR8	22618287	CHR8:22618287	SSF x Far_LoA	-9,08710485	0,057	0,310
CHR8	22618327	CHR8:22618327	SSF x Far_LoA	-10,5393188	0,022	0,305
CHR8	22655808	CHR8:22655808	SSF x Far_LoA	-10,0757861	0,094	0,289
CHR8	22655928	CHR8:22655928	SSF x Far_LoA	-10,6990459	0,082	0,300
CHR8	22656009	CHR8:22656009	SSF x Far_LoA	-11,0933764	0,032	0,304
CHR8	22656019	CHR8:22656019	SSF x Far_LoA	-10,1295625	-0,113	0,291
CHR8	22662746	CHR8:22662746	SSF x Far_LoA	-11,5565841	0,073	0,302
CHR8	22663031	CHR8:22663031	SSF x Far_LoA	-8,73946446	-0,037	0,313
CHR8	22668824	CHR8:22668824	SSF x Far_LoA	-10,7735251	-0,069	0,299
CHR8	22674319	CHR8:22674319	SSF x Far_LoA	-8,71511176	0,045	0,285
CHR8	22674361	CHR8:22674361	SSF x Far_LoA	-9,37047963	0,055	0,295
CHR8	22674424	CHR8:22674424	SSF x Far_LoA	-8,85621029	0,095	0,304
CHR8	22683786	CHR8:22683786	SSF x Far_LoA	-9,73062462	-0,090	0,308
CHR8	22683872	CHR8:22683872	SSF x Far_LoA	-5,6136379	0,132	0,301
CHR8	22683879	CHR8:22683879	SSF x Far_LoA	-11,9106846	0,065	0,297
CHR8	22688615	CHR8:22688615	SSF x Far_LoA	-9,64439975	0,035	0,310
CHR8	22688663	CHR8:22688663	SSF x Far_LoA	-8,17803257	-0,102	0,280
CHR8	22688713	CHR8:22688713	SSF x Far_LoA	-8,93034114	0,183	0,289
CHR8	22688785	CHR8:22688785	SSF x Far_LoA	-8,89278392	-0,046	0,313
CHR8	22694877	CHR8:22694877	SSF x Far_LoA	-7,94726035	-0,013	0,317
CHR8	22694886	CHR8:22694886	SSF x Far_LoA	-10,4539688	0,018	0,311
CHR8	22694905	CHR8:22694905	SSF x Far_LoA	-10,4943881	0,063	0,286
CHR8	22708998	CHR8:22708998	SSF x Far_LoA	-6,97758364	0,041	0,301
CHR8	22709036	CHR8:22709036	SSF x Far_LoA	-9,72491608	0,018	0,306
CHR8	22709232	CHR8:22709232	SSF x Far_LoA	-8,75859913	0,020	0,308
CHR8	22711068	CHR8:22711068	SSF x Far_LoA	-11,3809252	0,068	0,299
CHR8	22712337	CHR8:22712337	SSF x Far_LoA	-9,9690791	0,014	0,299
CHR8	22713326	CHR8:22713326	SSF x Far_LoA	-9,57530647	-0,036	0,312
CHR8	22713389	CHR8:22713389	SSF x Far_LoA	-6,38203436	-0,171	0,295
CHR8	22713566	CHR8:22713566	SSF x Far_LoA	-9,4121735	0,159	0,296
CHR8	22718109	CHR8:22718109	SSF x Far_LoA	-6,28452947	0,034	0,309
CHR8	22718241	CHR8:22718241	SSF x Far_LoA	-7,74532683	0,118	0,313
CHR8	22718297	CHR8:22718297	SSF x Far_LoA	-9,39685253	-0,053	0,303
CHR8	22720582	CHR8:22720582	SSF x Far_LoA	-12,5839747	0,005	0,309
CHR8	22720596	CHR8:22720596	SSF x Far_LoA	-8,94281884	-0,019	0,293
CHR8	22720630	CHR8:22720630	SSF x Far_LoA	-11,4665321	-0,034	0,319
CHR8	22720677	CHR8:22720677	SSF x Far_LoA	-9,5487793	0,144	0,296
CHR8	22720759	CHR8:22720759	SSF x Far_LoA	-8,08619081	-0,122	0,310
CHR8	22729069	CHR8:22729069	SSF x Far_LoA	-10,8274833	-0,063	0,310
CHR8	22729138	CHR8:22729138	SSF x Far_LoA	0,60862675	-0,077	0,303
CHR8	22729140	CHR8:22729140	SSF x Far_LoA	-12,1591236	-0,007	0,308
CHR8	22729185	CHR8:22729185	SSF x Far_LoA	-10,793924	0,056	0,312
CHR8	22729188	CHR8:22729188	SSF x Far_LoA	1,54601584	0,069	0,304

CHR8	22730247	CHR8:22730247	SSF x Far_LoA	-9,83176246	-0,005	0,307
CHR8	22730251	CHR8:22730251	SSF x Far_LoA	-9,71343589	-0,018	0,314
CHR8	22730302	CHR8:22730302	SSF x Far_LoA	-10,0223328	0,080	0,303
CHR8	22733154	CHR8:22733154	SSF x Far_LoA	-10,2323202	-0,001	0,308
CHR8	22733249	CHR8:22733249	SSF x Far_LoA	-7,74400777	-0,083	0,312
CHR8	22733290	CHR8:22733290	SSF x Far_LoA	-11,3698696	0,006	0,316
CHR8	22733317	CHR8:22733317	SSF x Far_LoA	-8,01595912	0,085	0,305
CHR8	22733377	CHR8:22733377	SSF x Far_LoA	-11,3508594	-0,037	0,303
CHR8	22735892	CHR8:22735892	SSF x Far_LoA	-10,0932835	0,066	0,297
CHR8	22735905	CHR8:22735905	SSF x Far_LoA	-8,36359218	0,076	0,300
CHR8	22736073	CHR8:22736073	SSF x Far_LoA	-5,64351925	0,161	0,304
CHR8	22736080	CHR8:22736080	SSF x Far_LoA	-8,99224607	0,051	0,305
CHR8	22745518	CHR8:22745518	SSF x Far_LoA	-5,68907192	0,117	0,306
CHR8	22745597	CHR8:22745597	SSF x Far_LoA	-9,61716397	-0,049	0,306
CHR8	22745611	CHR8:22745611	SSF x Far_LoA	-9,53165277	0,074	0,309
CHR8	22754419	CHR8:22754419	SSF x Far_LoA	-8,33013841	-0,023	0,320
CHR8	22758397	CHR8:22758397	SSF x Far_LoA	-10,0273994	0,030	0,311
CHR8	22758436	CHR8:22758436	SSF x Far_LoA	-9,32431633	-0,065	0,309
CHR8	22758464	CHR8:22758464	SSF x Far_LoA	-10,4946136	-0,138	0,305
CHR8	22758508	CHR8:22758508	SSF x Far_LoA	-8,2014828	0,007	0,286
CHR8	22759590	CHR8:22759590	SSF x Far_LoA	-5,19086366	0,110	0,308
CHR8	22759702	CHR8:22759702	SSF x Far_LoA	-9,93684143	-0,093	0,315
CHR8	22759710	CHR8:22759710	SSF x Far_LoA	-8,9895567	-0,021	0,310
CHR8	22766110	CHR8:22766110	SSF x Far_LoA	-11,9059219	0,032	0,310
CHR8	22766375	CHR8:22766375	SSF x Far_LoA	-7,93811121	0,211	0,291
CHR8	22766389	CHR8:22766389	SSF x Far_LoA	-6,34143187	0,135	0,305
CHR8	22766455	CHR8:22766455	SSF x Far_LoA	-10,3293911	0,097	0,304
CHR8	22775557	CHR8:22775557	SSF x Far_LoA	-6,44463737	0,066	0,298
CHR8	22782833	CHR8:22782833	SSF x Far_LoA	-10,3179225	0,128	0,302
CHR8	22782872	CHR8:22782872	SSF x Far_LoA	-10,9079278	-0,060	0,317
CHR8	22785117	CHR8:22785117	SSF x Far_LoA	-10,7376331	0,059	0,311
CHR8	22785122	CHR8:22785122	SSF x Far_LoA	-11,7673252	-0,032	0,305
CHR8	22785135	CHR8:22785135	SSF x Far_LoA	-11,6155341	-0,041	0,308
CHR8	22785214	CHR8:22785214	SSF x Far_LoA	-10,7478074	0,069	0,311
CHR8	22785222	CHR8:22785222	SSF x Far_LoA	-9,45184295	-0,085	0,302
CHR8	22785223	CHR8:22785223	SSF x Far_LoA	-3,06065454	0,240	0,295
CHR8	22785302	CHR8:22785302	SSF x Far_LoA	-7,54884708	0,155	0,279
CHR8	22785320	CHR8:22785320	SSF x Far_LoA	-6,16476125	0,160	0,276
CHR8	22785375	CHR8:22785375	SSF x Far_LoA	-8,86414023	-0,034	0,319
CHR8	22785376	CHR8:22785376	SSF x Far_LoA	-6,48410243	-0,073	0,309
CHR8	22798138	CHR8:22798138	SSF x Far_LoA	-10,9452924	-0,027	0,316
CHR8	22798323	CHR8:22798323	SSF x Far_LoA	-9,03354135	-0,034	0,307
CHR8	22804200	CHR8:22804200	SSF x Far_LoA	-10,8989088	-0,006	0,294
CHR8	22811865	CHR8:22811865	SSF x Far_LoA	-9,03586005	-0,098	0,315
CHR8	22811874	CHR8:22811874	SSF x Far_LoA	-12,3013681	0,023	0,299
CHR8	22813247	CHR8:22813247	SSF x Far_LoA	-3,575143	-0,034	0,310
CHR8	22826100	CHR8:22826100	SSF x Far_LoA	-10,6906223	-0,016	0,322
CHR8	22826113	CHR8:22826113	SSF x Far_LoA	-9,9286315	-0,093	0,319
CHR8	22826150	CHR8:22826150	SSF x Far_LoA	-9,17019603	-0,014	0,309
CHR8	22826193	CHR8:22826193	SSF x Far_LoA	-12,0449434	0,059	0,301
CHR8	22826223	CHR8:22826223	SSF x Far_LoA	-7,33006559	-0,156	0,307
CHR8	22826805	CHR8:22826805	SSF x Far_LoA	-8,13817123	-0,049	0,296
CHR8	22836439	CHR8:22836439	SSF x Far_LoA	-11,230186	0,145	0,290

CHR8	22836443	CHR8:22836443	SSF x Far_LoA	-9,60941641	0,109	0,300
CHR8	22838440	CHR8:22838440	SSF x Far_LoA	-10,955452	-0,115	0,306
CHR8	22838446	CHR8:22838446	SSF x Far_LoA	-4,75053738	0,193	0,283
CHR8	22838462	CHR8:22838462	SSF x Far_LoA	-5,85405456	0,188	0,309
CHR8	22851725	CHR8:22851725	SSF x Far_LoA	-10,0826102	-0,062	0,309
CHR8	22854167	CHR8:22854167	SSF x Far_LoA	-8,75694943	-0,048	0,306
CHR8	22854186	CHR8:22854186	SSF x Far_LoA	-10,7015301	0,084	0,299
CHR8	22854200	CHR8:22854200	SSF x Far_LoA	-9,92048849	0,019	0,299
CHR8	22854247	CHR8:22854247	SSF x Far_LoA	-10,6419555	0,010	0,320
CHR8	22854306	CHR8:22854306	SSF x Far_LoA	-8,44755443	-0,117	0,301
CHR8	22854336	CHR8:22854336	SSF x Far_LoA	-9,90607666	0,006	0,309
CHR8	22857702	CHR8:22857702	SSF x Far_LoA	-8,06812446	-0,089	0,318
CHR8	22857706	CHR8:22857706	SSF x Far_LoA	-8,05039534	0,057	0,315
CHR8	2286012	CHR8:2286012	SSF x Far_LoA	-8,54028344	-0,005	0,318
CHR8	2286018	CHR8:2286018	SSF x Far_LoA	-9,75390329	-0,041	0,313
CHR8	2286021	CHR8:2286021	SSF x Far_LoA	-10,6959886	0,010	0,301
CHR8	2286111	CHR8:2286111	SSF x Far_LoA	-10,9975901	-0,008	0,306
CHR8	22866244	CHR8:22866244	SSF x Far_LoA	-9,0618358	0,099	0,294
CHR8	22866274	CHR8:22866274	SSF x Far_LoA	-8,71560848	0,043	0,303
CHR8	22866454	CHR8:22866454	SSF x Far_LoA	-6,80639469	0,137	0,294
CHR8	22870653	CHR8:22870653	SSF x Far_LoA	-10,3542396	-0,066	0,307
CHR8	22870689	CHR8:22870689	SSF x Far_LoA	-9,03053713	0,084	0,315
CHR8	22881537	CHR8:22881537	SSF x Far_LoA	-10,3837812	0,063	0,297
CHR8	22887505	CHR8:22887505	SSF x Far_LoA	-7,2096329	0,112	0,310
CHR8	2289124	CHR8:2289124	SSF x Far_LoA	-9,1284939	0,019	0,315
CHR8	2289184	CHR8:2289184	SSF x Far_LoA	-8,80860684	-0,004	0,317
CHR8	2289193	CHR8:2289193	SSF x Far_LoA	-9,62714184	-0,085	0,311
CHR8	2289194	CHR8:2289194	SSF x Far_LoA	-8,45435396	0,013	0,328
CHR8	2289262	CHR8:2289262	SSF x Far_LoA	-8,52583703	0,060	0,323
CHR8	2289290	CHR8:2289290	SSF x Far_LoA	-8,14923983	-0,025	0,312
CHR8	22892933	CHR8:22892933	SSF x Far_LoA	-8,41582518	0,103	0,293
CHR8	22893109	CHR8:22893109	SSF x Far_LoA	-9,29653749	-0,039	0,316
CHR8	22893145	CHR8:22893145	SSF x Far_LoA	-10,5605834	-0,079	0,309
CHR8	22899944	CHR8:22899944	SSF x Far_LoA	-9,726725	0,012	0,324
CHR8	22915407	CHR8:22915407	SSF x Far_LoA	-10,116718	0,034	0,326
CHR8	22915597	CHR8:22915597	SSF x Far_LoA	-9,0529065	-0,042	0,298
CHR8	22915612	CHR8:22915612	SSF x Far_LoA	-9,60386482	-0,065	0,316
CHR8	22915849	CHR8:22915849	SSF x Far_LoA	-11,2049055	0,052	0,314
CHR8	22915852	CHR8:22915852	SSF x Far_LoA	-10,6782491	0,110	0,302
CHR8	22925039	CHR8:22925039	SSF x Far_LoA	-12,7307111	0,008	0,297
CHR8	22925062	CHR8:22925062	SSF x Far_LoA	-8,45102292	0,043	0,309
CHR8	22925065	CHR8:22925065	SSF x Far_LoA	-2,56093098	0,039	0,295
CHR8	22935463	CHR8:22935463	SSF x Far_LoA	-7,55963408	0,021	0,292
CHR8	22935503	CHR8:22935503	SSF x Far_LoA	-8,78245976	-0,045	0,299
CHR8	22935521	CHR8:22935521	SSF x Far_LoA	-9,79061728	-0,012	0,288
CHR8	22935606	CHR8:22935606	SSF x Far_LoA	-11,1882442	-0,020	0,308
CHR8	22935615	CHR8:22935615	SSF x Far_LoA	-9,68456705	0,004	0,319
CHR8	22935630	CHR8:22935630	SSF x Far_LoA	-8,89029204	-0,097	0,304
CHR8	22950861	CHR8:22950861	SSF x Far_LoA	-8,04540133	0,129	0,295
CHR8	22950947	CHR8:22950947	SSF x Far_LoA	-5,64089743	0,123	0,320
CHR8	22950963	CHR8:22950963	SSF x Far_LoA	-6,28440054	0,111	0,313
CHR8	22951031	CHR8:22951031	SSF x Far_LoA	-9,79810956	0,009	0,314
CHR8	22951061	CHR8:22951061	SSF x Far_LoA	-11,4536056	0,023	0,310

CHR8	22951066	CHR8:22951066	SSF x Far_LoA	-10,3934385	0,051	0,306
CHR8	22951081	CHR8:22951081	SSF x Far_LoA	-11,6774446	0,039	0,300
CHR8	22960839	CHR8:22960839	SSF x Far_LoA	-9,8017948	-0,090	0,304
CHR8	22969401	CHR8:22969401	SSF x Far_LoA	-11,5493359	-0,076	0,311
CHR8	22969429	CHR8:22969429	SSF x Far_LoA	-11,9006157	0,065	0,300
CHR8	22969547	CHR8:22969547	SSF x Far_LoA	-11,0027981	-0,058	0,312
CHR8	22969636	CHR8:22969636	SSF x Far_LoA	-10,5965272	-0,076	0,320
CHR8	22969693	CHR8:22969693	SSF x Far_LoA	-9,14150219	0,028	0,288
CHR8	22976842	CHR8:22976842	SSF x Far_LoA	-8,16182421	0,004	0,326
CHR8	22977006	CHR8:22977006	SSF x Far_LoA	-5,18454883	-0,176	0,313
CHR8	22977054	CHR8:22977054	SSF x Far_LoA	-7,55292935	-0,066	0,325
CHR8	22980927	CHR8:22980927	SSF x Far_LoA	-5,61092479	-0,028	0,306
CHR8	22989380	CHR8:22989380	SSF x Far_LoA	-9,18294618	-0,003	0,308
CHR8	22989661	CHR8:22989661	SSF x Far_LoA	-7,241338	-0,026	0,319
CHR8	22989702	CHR8:22989702	SSF x Far_LoA	-10,5157179	0,107	0,320
CHR8	22989731	CHR8:22989731	SSF x Far_LoA	-11,2676331	-0,075	0,300
CHR8	22990688	CHR8:22990688	SSF x Far_LoA	-12,2886302	-0,002	0,307
CHR8	22994381	CHR8:22994381	SSF x Far_LoA	-9,58865754	0,028	0,311
CHR8	23008693	CHR8:23008693	SSF x Far_LoA	-7,82557813	0,009	0,304
CHR8	23008778	CHR8:23008778	SSF x Far_LoA	-11,4947255	-0,011	0,308
CHR8	23016001	CHR8:23016001	SSF x Far_LoA	-10,5716645	0,018	0,318
CHR8	23016077	CHR8:23016077	SSF x Far_LoA	-4,1994671	0,155	0,310
CHR8	23016116	CHR8:23016116	SSF x Far_LoA	-6,99083778	-0,045	0,327
CHR8	23016132	CHR8:23016132	SSF x Far_LoA	-8,58591772	0,016	0,320
CHR8	23017201	CHR8:23017201	SSF x Far_LoA	-10,3685943	0,053	0,311
CHR8	23017237	CHR8:23017237	SSF x Far_LoA	-5,75052089	-0,121	0,307
CHR8	23020332	CHR8:23020332	SSF x Far_LoA	-4,62365288	0,019	0,288
CHR8	23020361	CHR8:23020361	SSF x Far_LoA	-10,7705249	-0,052	0,290
CHR8	23022842	CHR8:23022842	SSF x Far_LoA	-10,7689677	-0,029	0,312
CHR8	23022965	CHR8:23022965	SSF x Far_LoA	-9,05226153	-0,055	0,318
CHR8	23028931	CHR8:23028931	SSF x Far_LoA	-9,44538236	-0,044	0,313
CHR8	23037910	CHR8:23037910	SSF x Far_LoA	-10,4969655	0,116	0,304
CHR8	23037986	CHR8:23037986	SSF x Far_LoA	-8,53250943	0,143	0,295
CHR8	23037992	CHR8:23037992	SSF x Far_LoA	-9,56136965	-0,035	0,304
CHR8	23038004	CHR8:23038004	SSF x Far_LoA	-4,10379796	-0,164	0,310
CHR8	23038141	CHR8:23038141	SSF x Far_LoA	-6,2498684	-0,011	0,305
CHR8	23038180	CHR8:23038180	SSF x Far_LoA	-11,4458917	0,035	0,309
CHR8	23038202	CHR8:23038202	SSF x Far_LoA	-11,0567898	-0,017	0,290
CHR8	23038217	CHR8:23038217	SSF x Far_LoA	-9,00202958	0,085	0,319
CHR8	23038218	CHR8:23038218	SSF x Far_LoA	-8,36320136	0,090	0,308
CHR8	23051330	CHR8:23051330	SSF x Far_LoA	-9,29730923	0,079	0,307
CHR8	23051459	CHR8:23051459	SSF x Far_LoA	-10,7764549	0,021	0,324
CHR8	23051462	CHR8:23051462	SSF x Far_LoA	-9,6848366	0,137	0,286
CHR8	23051621	CHR8:23051621	SSF x Far_LoA	-9,96354305	-0,066	0,309
CHR8	23052296	CHR8:23052296	SSF x Far_LoA	-10,4966283	-0,051	0,319
CHR8	23052321	CHR8:23052321	SSF x Far_LoA	-10,5619792	-0,045	0,304
CHR8	23055396	CHR8:23055396	SSF x Far_LoA	-3,21966159	0,160	0,285
CHR8	23055507	CHR8:23055507	SSF x Far_LoA	-9,38115958	0,021	0,298
CHR8	23055519	CHR8:23055519	SSF x Far_LoA	-8,06891832	-0,094	0,299
CHR8	23061841	CHR8:23061841	SSF x Far_LoA	-8,34795382	-0,100	0,293
CHR8	23061858	CHR8:23061858	SSF x Far_LoA	-7,64306308	0,029	0,310
CHR8	23066695	CHR8:23066695	SSF x Far_LoA	-11,1857244	-0,087	0,313
CHR8	2306814	CHR8:2306814	SSF x Far_LoA	-10,9759166	-0,083	0,303

CHR8	2306825	CHR8:2306825	SSF x Far_LoA	-7,56500784	0,156	0,288
CHR8	2306827	CHR8:2306827	SSF x Far_LoA	-7,05341704	0,136	0,299
CHR8	2306951	CHR8:2306951	SSF x Far_LoA	-8,69571625	0,012	0,313
CHR8	2306963	CHR8:2306963	SSF x Far_LoA	-9,13640225	-0,061	0,315
CHR8	2307008	CHR8:2307008	SSF x Far_LoA	-10,1847214	-0,001	0,300
CHR8	23073725	CHR8:23073725	SSF x Far_LoA	-4,66884903	-0,169	0,294
CHR8	23073740	CHR8:23073740	SSF x Far_LoA	-8,03068895	-0,094	0,301
CHR8	23073771	CHR8:23073771	SSF x Far_LoA	-9,34503458	-0,063	0,308
CHR8	23073779	CHR8:23073779	SSF x Far_LoA	-7,14996238	-0,142	0,307
CHR8	23073884	CHR8:23073884	SSF x Far_LoA	-8,65566588	0,105	0,293
CHR8	23073909	CHR8:23073909	SSF x Far_LoA	-10,7977161	0,123	0,291
CHR8	23085214	CHR8:23085214	SSF x Far_LoA	-9,32613192	-0,082	0,312
CHR8	23086808	CHR8:23086808	SSF x Far_LoA	-10,0128454	-0,159	0,312
CHR8	2310354	CHR8:2310354	SSF x Far_LoA	-6,87993373	0,002	0,296
CHR8	23115033	CHR8:23115033	SSF x Far_LoA	-8,63887702	-0,096	0,300
CHR8	23120134	CHR8:23120134	SSF x Far_LoA	-11,371093	0,022	0,307
CHR8	23120284	CHR8:23120284	SSF x Far_LoA	-9,14033953	-0,123	0,313
CHR8	2312081	CHR8:2312081	SSF x Far_LoA	-10,4974344	-0,022	0,327
CHR8	2312165	CHR8:2312165	SSF x Far_LoA	-10,5111695	0,021	0,294
CHR8	23127465	CHR8:23127465	SSF x Far_LoA	-11,1487415	-0,047	0,299
CHR8	23134866	CHR8:23134866	SSF x Far_LoA	-10,5201597	-0,016	0,299
CHR8	23135054	CHR8:23135054	SSF x Far_LoA	-9,30055729	-0,018	0,304
CHR8	23135117	CHR8:23135117	SSF x Far_LoA	-7,57905374	0,095	0,304
CHR8	23139052	CHR8:23139052	SSF x Far_LoA	-8,95794736	-0,037	0,314
CHR8	23139160	CHR8:23139160	SSF x Far_LoA	-8,97197247	-0,042	0,297
CHR8	23139290	CHR8:23139290	SSF x Far_LoA	-9,08412677	-0,026	0,335
CHR8	23148755	CHR8:23148755	SSF x Far_LoA	-9,06935405	-0,004	0,316
CHR8	23156128	CHR8:23156128	SSF x Far_LoA	-10,4306912	0,020	0,321
CHR8	23156320	CHR8:23156320	SSF x Far_LoA	-8,04787459	0,076	0,307
CHR8	23156334	CHR8:23156334	SSF x Far_LoA	-9,99965762	-0,018	0,319
CHR8	23166859	CHR8:23166859	SSF x Far_LoA	-10,3653635	0,041	0,321
CHR8	23167142	CHR8:23167142	SSF x Far_LoA	-8,78333085	-0,052	0,309
CHR8	2317123	CHR8:2317123	SSF x Far_LoA	-5,23910115	0,105	0,299
CHR8	2317124	CHR8:2317124	SSF x Far_LoA	-8,76947268	-0,011	0,294
CHR8	2317131	CHR8:2317131	SSF x Far_LoA	-7,04751236	0,066	0,305
CHR8	2317134	CHR8:2317134	SSF x Far_LoA	-10,0710207	0,038	0,299
CHR8	2317135	CHR8:2317135	SSF x Far_LoA	-10,1526049	0,065	0,313
CHR8	23171541	CHR8:23171541	SSF x Far_LoA	-8,63220405	0,023	0,309
CHR8	2317162	CHR8:2317162	SSF x Far_LoA	-8,6666458	-0,011	0,308
CHR8	23171624	CHR8:23171624	SSF x Far_LoA	-9,75250717	0,071	0,305
CHR8	23171737	CHR8:23171737	SSF x Far_LoA	-10,576428	0,071	0,302
CHR8	2317174	CHR8:2317174	SSF x Far_LoA	-11,2488962	-0,059	0,309
CHR8	23180486	CHR8:23180486	SSF x Far_LoA	-10,2568106	-0,116	0,311
CHR8	23180534	CHR8:23180534	SSF x Far_LoA	-11,5414929	-0,045	0,300
CHR8	23198600	CHR8:23198600	SSF x Far_LoA	-8,97854793	-0,086	0,308
CHR8	23198611	CHR8:23198611	SSF x Far_LoA	-7,91373759	-0,051	0,308
CHR8	23198769	CHR8:23198769	SSF x Far_LoA	-6,5833751	0,014	0,300
CHR8	23198802	CHR8:23198802	SSF x Far_LoA	-8,07017035	-0,113	0,305
CHR8	23198806	CHR8:23198806	SSF x Far_LoA	-10,9748055	0,107	0,310
CHR8	23198878	CHR8:23198878	SSF x Far_LoA	-6,51773276	0,117	0,313
CHR8	23198886	CHR8:23198886	SSF x Far_LoA	-8,3383541	0,153	0,297
CHR8	23198903	CHR8:23198903	SSF x Far_LoA	-6,56334019	-0,164	0,290
CHR8	23198931	CHR8:23198931	SSF x Far_LoA	-9,30555372	0,071	0,305

CHR8	23198935	CHR8:23198935	SSF x Far_LoA	-9,96310069	0,066	0,297
CHR8	23226135	CHR8:23226135	SSF x Far_LoA	-9,36615135	-0,083	0,316
CHR8	23226898	CHR8:23226898	SSF x Far_LoA	-8,53482388	-0,131	0,313
CHR8	23226940	CHR8:23226940	SSF x Far_LoA	-8,68290532	0,122	0,294
CHR8	23226943	CHR8:23226943	SSF x Far_LoA	-5,9395598	0,148	0,298
CHR8	23226972	CHR8:23226972	SSF x Far_LoA	-6,24163673	-0,097	0,303
CHR8	23231891	CHR8:23231891	SSF x Far_LoA	-12,1653154	0,028	0,298
CHR8	23253363	CHR8:23253363	SSF x Far_LoA	-8,50257755	0,058	0,305
CHR8	23259299	CHR8:23259299	SSF x Far_LoA	-11,6181165	0,069	0,305
CHR8	23259364	CHR8:23259364	SSF x Far_LoA	-1,54020856	0,083	0,322
CHR8	23284387	CHR8:23284387	SSF x Far_LoA	-9,6185303	-0,004	0,297
CHR8	23289198	CHR8:23289198	SSF x Far_LoA	-3,10798323	-0,212	0,300
CHR8	23298010	CHR8:23298010	SSF x Far_LoA	-10,0105276	-0,047	0,300
CHR8	23298026	CHR8:23298026	SSF x Far_LoA	-10,7040867	0,023	0,312
CHR8	23298131	CHR8:23298131	SSF x Far_LoA	-10,2025182	-0,040	0,309
CHR8	23310044	CHR8:23310044	SSF x Far_LoA	-3,69922802	0,096	0,296
CHR8	23310197	CHR8:23310197	SSF x Far_LoA	-8,70906938	-0,031	0,307
CHR8	23369275	CHR8:23369275	SSF x Far_LoA	-9,03833482	0,026	0,312
CHR8	23387326	CHR8:23387326	SSF x Far_LoA	-10,8653999	-0,076	0,311
CHR8	23425356	CHR8:23425356	SSF x Far_LoA	-11,4372007	0,057	0,315
CHR8	2343226	CHR8:2343226	SSF x Far_LoA	-10,9696771	0,067	0,306
CHR8	23467088	CHR8:23467088	SSF x Far_LoA	-8,82952594	0,065	0,308
CHR8	23484514	CHR8:23484514	SSF x Far_LoA	-9,14261791	-0,048	0,315
CHR8	23493383	CHR8:23493383	SSF x Far_LoA	-6,71327562	0,102	0,311
CHR8	23495503	CHR8:23495503	SSF x Far_LoA	-10,534315	0,138	0,301
CHR8	23495736	CHR8:23495736	SSF x Far_LoA	-11,4591833	0,020	0,301
CHR8	23495778	CHR8:23495778	SSF x Far_LoA	-4,62755949	-0,153	0,297
CHR8	23508882	CHR8:23508882	SSF x Far_LoA	-7,40523549	-0,112	0,308
CHR8	23525528	CHR8:23525528	SSF x Far_LoA	-8,2551679	-0,139	0,308
CHR8	23525546	CHR8:23525546	SSF x Far_LoA	-3,24090723	-0,135	0,307
CHR8	23525673	CHR8:23525673	SSF x Far_LoA	-6,83650013	0,027	0,313
CHR8	23525723	CHR8:23525723	SSF x Far_LoA	-11,2163627	0,025	0,300
CHR8	23525762	CHR8:23525762	SSF x Far_LoA	-8,0660257	0,158	0,307
CHR8	23527717	CHR8:23527717	SSF x Far_LoA	-7,6768088	0,016	0,305
CHR8	23527765	CHR8:23527765	SSF x Far_LoA	-7,55589731	0,094	0,301
CHR8	23527942	CHR8:23527942	SSF x Far_LoA	-11,0706975	0,091	0,285
CHR8	23527956	CHR8:23527956	SSF x Far_LoA	-11,0944252	0,013	0,296
CHR8	23531641	CHR8:23531641	SSF x Far_LoA	-9,33459904	0,033	0,324
CHR8	2355867	CHR8:2355867	SSF x Far_LoA	-11,060066	0,001	0,295
CHR8	2355968	CHR8:2355968	SSF x Far_LoA	-9,56365256	0,063	0,308
CHR8	23567419	CHR8:23567419	SSF x Far_LoA	-10,9981298	-0,001	0,306
CHR8	23567428	CHR8:23567428	SSF x Far_LoA	-8,71746008	-0,006	0,303
CHR8	23569539	CHR8:23569539	SSF x Far_LoA	5,16547074	-0,156	0,302
CHR8	23585405	CHR8:23585405	SSF x Far_LoA	-11,4054974	0,077	0,297
CHR8	23589289	CHR8:23589289	SSF x Far_LoA	-8,98663263	-0,100	0,296
CHR8	23589362	CHR8:23589362	SSF x Far_LoA	-7,78660039	-0,056	0,299
CHR8	23600762	CHR8:23600762	SSF x Far_LoA	-8,65570846	-0,011	0,313
CHR8	23600837	CHR8:23600837	SSF x Far_LoA	-8,83702351	-0,108	0,297
CHR8	23600881	CHR8:23600881	SSF x Far_LoA	-9,97982793	-0,068	0,313
CHR8	23601088	CHR8:23601088	SSF x Far_LoA	-9,61337013	0,009	0,305
CHR8	23611591	CHR8:23611591	SSF x Far_LoA	-7,06024998	0,186	0,298
CHR8	23616978	CHR8:23616978	SSF x Far_LoA	-7,07809422	-0,021	0,310
CHR8	23617009	CHR8:23617009	SSF x Far_LoA	-5,85491362	-0,072	0,310

CHR8	23617084	CHR8:23617084	SSF x Far_LoA	-6,99410905	-0,110	0,300
CHR8	23617085	CHR8:23617085	SSF x Far_LoA	-9,52033665	-0,086	0,320
CHR8	23622683	CHR8:23622683	SSF x Far_LoA	-11,2341986	-0,049	0,312
CHR8	23622697	CHR8:23622697	SSF x Far_LoA	-11,2524555	-0,057	0,314
CHR8	23622735	CHR8:23622735	SSF x Far_LoA	-8,31921781	-0,021	0,310
CHR8	23622809	CHR8:23622809	SSF x Far_LoA	-10,4449189	-0,034	0,307
CHR8	23625350	CHR8:23625350	SSF x Far_LoA	-8,62373796	0,072	0,310
CHR8	23625403	CHR8:23625403	SSF x Far_LoA	-10,4896355	0,073	0,288
CHR8	2363266	CHR8:2363266	SSF x Far_LoA	-8,8805568	0,071	0,286
CHR8	2363283	CHR8:2363283	SSF x Far_LoA	-11,7034476	0,007	0,309
CHR8	23635573	CHR8:23635573	SSF x Far_LoA	-10,211205	-0,014	0,315
CHR8	23657612	CHR8:23657612	SSF x Far_LoA	-9,26828863	-0,095	0,293
CHR8	23677779	CHR8:23677779	SSF x Far_LoA	-5,25165443	-0,152	0,310
CHR8	23689113	CHR8:23689113	SSF x Far_LoA	-8,4103026	-0,051	0,317
CHR8	23689141	CHR8:23689141	SSF x Far_LoA	-9,77665558	-0,012	0,316
CHR8	23689191	CHR8:23689191	SSF x Far_LoA	-9,83967704	-0,032	0,313
CHR8	23703812	CHR8:23703812	SSF x Far_LoA	-8,58259836	-0,056	0,330
CHR8	23738784	CHR8:23738784	SSF x Far_LoA	-5,93795049	-0,081	0,296
CHR8	23738830	CHR8:23738830	SSF x Far_LoA	-10,0542673	0,102	0,286
CHR8	23738930	CHR8:23738930	SSF x Far_LoA	-9,18948736	0,145	0,292
CHR8	23750423	CHR8:23750423	SSF x Far_LoA	-9,36992587	0,110	0,292
CHR8	23754953	CHR8:23754953	SSF x Far_LoA	-10,8842465	0,064	0,286
CHR8	23754960	CHR8:23754960	SSF x Far_LoA	-8,01901177	-0,149	0,296
CHR8	2377072	CHR8:2377072	SSF x Far_LoA	-10,8084414	-0,060	0,301
CHR8	2377114	CHR8:2377114	SSF x Far_LoA	-10,7954163	-0,079	0,298
CHR8	2377175	CHR8:2377175	SSF x Far_LoA	-10,5046182	0,039	0,313
CHR8	2377391	CHR8:2377391	SSF x Far_LoA	-7,04963477	-0,028	0,314
CHR8	23789131	CHR8:23789131	SSF x Far_LoA	-8,73005865	0,128	0,288
CHR8	23789176	CHR8:23789176	SSF x Far_LoA	-10,0504086	0,135	0,293
CHR8	23813785	CHR8:23813785	SSF x Far_LoA	-10,581249	0,036	0,310
CHR8	23820610	CHR8:23820610	SSF x Far_LoA	-8,84010682	0,031	0,305
CHR8	23820716	CHR8:23820716	SSF x Far_LoA	-9,55305312	0,153	0,302
CHR8	23829753	CHR8:23829753	SSF x Far_LoA	-11,2945714	0,036	0,311
CHR8	23829960	CHR8:23829960	SSF x Far_LoA	-9,46162698	0,176	0,278
CHR8	23844037	CHR8:23844037	SSF x Far_LoA	-10,4776695	-0,039	0,298
CHR8	23844083	CHR8:23844083	SSF x Far_LoA	-9,7692091	-0,021	0,302
CHR8	23844119	CHR8:23844119	SSF x Far_LoA	-5,45587292	-0,009	0,304
CHR8	23844137	CHR8:23844137	SSF x Far_LoA	-11,1959405	-0,020	0,302
CHR8	23844281	CHR8:23844281	SSF x Far_LoA	-11,3124616	-0,041	0,298
CHR8	23846260	CHR8:23846260	SSF x Far_LoA	-7,10469606	-0,111	0,318
CHR8	23848567	CHR8:23848567	SSF x Far_LoA	-12,3435417	0,003	0,307
CHR8	23852725	CHR8:23852725	SSF x Far_LoA	-9,41829984	-0,060	0,300
CHR8	23852785	CHR8:23852785	SSF x Far_LoA	-11,1414687	0,032	0,313
CHR8	23852806	CHR8:23852806	SSF x Far_LoA	-7,63020616	0,003	0,314
CHR8	23852824	CHR8:23852824	SSF x Far_LoA	-12,438629	0,029	0,289
CHR8	23852908	CHR8:23852908	SSF x Far_LoA	-7,40293554	-0,035	0,313
CHR8	23852975	CHR8:23852975	SSF x Far_LoA	-10,6648556	0,012	0,314
CHR8	23852986	CHR8:23852986	SSF x Far_LoA	-8,78558677	-0,009	0,311
CHR8	23863330	CHR8:23863330	SSF x Far_LoA	-12,4910678	-0,007	0,299
CHR8	23869488	CHR8:23869488	SSF x Far_LoA	-7,6006691	0,124	0,322
CHR8	23873511	CHR8:23873511	SSF x Far_LoA	-9,99015367	0,076	0,295
CHR8	23873534	CHR8:23873534	SSF x Far_LoA	-8,59162579	0,069	0,310
CHR8	23873564	CHR8:23873564	SSF x Far_LoA	-7,74148451	0,079	0,311

CHR8	23873605	CHR8:23873605	SSF x Far_LoA	-10,9468453	-0,024	0,303
CHR8	2387613	CHR8:2387613	SSF x Far_LoA	-10,899763	-0,028	0,319
CHR8	2387669	CHR8:2387669	SSF x Far_LoA	-8,34896605	-0,064	0,300
CHR8	2387681	CHR8:2387681	SSF x Far_LoA	-10,4378603	-0,003	0,305
CHR8	2387744	CHR8:2387744	SSF x Far_LoA	-11,4224453	0,036	0,292
CHR8	2387764	CHR8:2387764	SSF x Far_LoA	-8,78303686	0,082	0,298
CHR8	23878490	CHR8:23878490	SSF x Far_LoA	-9,3899493	-0,041	0,297
CHR8	23884120	CHR8:23884120	SSF x Far_LoA	-6,24051372	0,111	0,299
CHR8	23884129	CHR8:23884129	SSF x Far_LoA	-10,3742757	0,012	0,308
CHR8	23884163	CHR8:23884163	SSF x Far_LoA	-9,78988307	0,022	0,300
CHR8	23886102	CHR8:23886102	SSF x Far_LoA	-8,40013565	-0,072	0,303
CHR8	23889241	CHR8:23889241	SSF x Far_LoA	-7,59295686	0,126	0,311
CHR8	23889795	CHR8:23889795	SSF x Far_LoA	-10,7460348	-0,007	0,289
CHR8	23897033	CHR8:23897033	SSF x Far_LoA	-9,50564301	0,049	0,309
CHR8	2390387	CHR8:2390387	SSF x Far_LoA	-11,4047873	0,005	0,324
CHR8	2390420	CHR8:2390420	SSF x Far_LoA	-6,28034962	0,219	0,302
CHR8	23904460	CHR8:23904460	SSF x Far_LoA	-11,0623301	-0,112	0,309
CHR8	23904506	CHR8:23904506	SSF x Far_LoA	-7,72694285	0,147	0,294
CHR8	23904515	CHR8:23904515	SSF x Far_LoA	-10,026689	0,056	0,308
CHR8	23904562	CHR8:23904562	SSF x Far_LoA	-11,6864799	-0,051	0,304
CHR8	23904567	CHR8:23904567	SSF x Far_LoA	-10,9860586	0,009	0,307
CHR8	23904590	CHR8:23904590	SSF x Far_LoA	-9,34585918	-0,040	0,306
CHR8	23904593	CHR8:23904593	SSF x Far_LoA	-6,80188609	-0,046	0,311
CHR8	2390539	CHR8:2390539	SSF x Far_LoA	-11,08053	-0,017	0,298
CHR8	23908291	CHR8:23908291	SSF x Far_LoA	-7,55220408	0,093	0,304
CHR8	23908357	CHR8:23908357	SSF x Far_LoA	-11,4581312	-0,007	0,307
CHR8	23908411	CHR8:23908411	SSF x Far_LoA	-8,85910098	-0,102	0,300
CHR8	23917200	CHR8:23917200	SSF x Far_LoA	-8,91530128	0,013	0,314
CHR8	23917201	CHR8:23917201	SSF x Far_LoA	-8,65661039	0,007	0,303
CHR8	23917274	CHR8:23917274	SSF x Far_LoA	-8,71483177	0,031	0,302
CHR8	23921478	CHR8:23921478	SSF x Far_LoA	-10,664586	-0,013	0,302
CHR8	23931274	CHR8:23931274	SSF x Far_LoA	-8,92516007	0,070	0,323
CHR8	23943888	CHR8:23943888	SSF x Far_LoA	-10,3827309	-0,027	0,309
CHR8	23943899	CHR8:23943899	SSF x Far_LoA	-10,054002	0,064	0,305
CHR8	23946393	CHR8:23946393	SSF x Far_LoA	-8,92008987	0,123	0,296
CHR8	23946394	CHR8:23946394	SSF x Far_LoA	-8,22990957	0,113	0,315
CHR8	23946411	CHR8:23946411	SSF x Far_LoA	-7,12765744	0,116	0,300
CHR8	23946496	CHR8:23946496	SSF x Far_LoA	-7,31763291	-0,022	0,303
CHR8	23946524	CHR8:23946524	SSF x Far_LoA	-11,2365116	-0,036	0,310
CHR8	23946543	CHR8:23946543	SSF x Far_LoA	-11,3530715	0,004	0,302
CHR8	23946566	CHR8:23946566	SSF x Far_LoA	-8,67837759	-0,010	0,304
CHR8	2394929	CHR8:2394929	SSF x Far_LoA	-9,19102711	-0,055	0,303
CHR8	2394952	CHR8:2394952	SSF x Far_LoA	-9,86120529	0,027	0,297
CHR8	2394958	CHR8:2394958	SSF x Far_LoA	-9,4236781	-0,025	0,298
CHR8	2394975	CHR8:2394975	SSF x Far_LoA	-5,90629647	0,014	0,311
CHR8	2395007	CHR8:2395007	SSF x Far_LoA	-8,67089216	0,087	0,311
CHR8	2395014	CHR8:2395014	SSF x Far_LoA	-9,02725991	0,088	0,307
CHR8	2395017	CHR8:2395017	SSF x Far_LoA	-7,59202959	0,056	0,314
CHR8	2395030	CHR8:2395030	SSF x Far_LoA	-8,81590373	0,200	0,294
CHR8	2395094	CHR8:2395094	SSF x Far_LoA	-5,02317253	-0,150	0,294
CHR8	23953488	CHR8:23953488	SSF x Far_LoA	-9,13227151	0,019	0,304
CHR8	23965196	CHR8:23965196	SSF x Far_LoA	-10,8096643	0,040	0,311
CHR8	23965220	CHR8:23965220	SSF x Far_LoA	-2,98931113	-0,131	0,311

CHR8	23966644	CHR8:23966644	SSF x Far_LoA	-8,46858659	-0,055	0,304
CHR8	23966680	CHR8:23966680	SSF x Far_LoA	-8,81061765	-0,006	0,297
CHR8	23983852	CHR8:23983852	SSF x Far_LoA	-9,53775728	-0,024	0,318
CHR8	23992807	CHR8:23992807	SSF x Far_LoA	-8,932216	-0,019	0,300
CHR8	23996254	CHR8:23996254	SSF x Far_LoA	-9,69470936	0,022	0,311
CHR8	23997091	CHR8:23997091	SSF x Far_LoA	-10,3410701	0,051	0,298
CHR8	24004709	CHR8:24004709	SSF x Far_LoA	-8,77127463	0,014	0,311
CHR8	2400878	CHR8:2400878	SSF x Far_LoA	-8,24063736	-0,024	0,318
CHR8	2400899	CHR8:2400899	SSF x Far_LoA	-11,5205931	-0,032	0,305
CHR8	2401039	CHR8:2401039	SSF x Far_LoA	-7,83990128	-0,107	0,312
CHR8	2401040	CHR8:2401040	SSF x Far_LoA	-10,1697703	-0,090	0,301
CHR8	2401051	CHR8:2401051	SSF x Far_LoA	-11,1091778	-0,048	0,303
CHR8	24013902	CHR8:24013902	SSF x Far_LoA	-9,36978167	-0,033	0,315
CHR8	2401624	CHR8:2401624	SSF x Far_LoA	-10,1179558	-0,045	0,301
CHR8	2401637	CHR8:2401637	SSF x Far_LoA	-5,16770024	0,116	0,315
CHR8	24016417	CHR8:24016417	SSF x Far_LoA	-7,06220106	-0,120	0,296
CHR8	24016515	CHR8:24016515	SSF x Far_LoA	-8,94240381	-0,048	0,296
CHR8	2401713	CHR8:2401713	SSF x Far_LoA	-9,4328869	-0,038	0,307
CHR8	2401716	CHR8:2401716	SSF x Far_LoA	-10,5367492	0,013	0,307
CHR8	24027759	CHR8:24027759	SSF x Far_LoA	-10,6191447	-0,108	0,305
CHR8	24027937	CHR8:24027937	SSF x Far_LoA	-8,6359465	-0,044	0,298
CHR8	24027944	CHR8:24027944	SSF x Far_LoA	-4,72914451	-0,039	0,316
CHR8	24027946	CHR8:24027946	SSF x Far_LoA	-10,1240129	-0,053	0,322
CHR8	24028003	CHR8:24028003	SSF x Far_LoA	-11,2021272	-0,078	0,309
CHR8	24028023	CHR8:24028023	SSF x Far_LoA	-9,42192816	0,068	0,310
CHR8	24036629	CHR8:24036629	SSF x Far_LoA	-7,12423851	0,082	0,303
CHR8	24036632	CHR8:24036632	SSF x Far_LoA	-8,82412901	0,081	0,298
CHR8	24036644	CHR8:24036644	SSF x Far_LoA	-9,13570952	0,071	0,301
CHR8	24036647	CHR8:24036647	SSF x Far_LoA	-7,62473123	0,061	0,311
CHR8	24043708	CHR8:24043708	SSF x Far_LoA	-10,5922525	0,056	0,303
CHR8	24043787	CHR8:24043787	SSF x Far_LoA	-4,38046318	-0,084	0,309
CHR8	24060084	CHR8:24060084	SSF x Far_LoA	-12,6024445	-0,043	0,284
CHR8	24065467	CHR8:24065467	SSF x Far_LoA	-10,4646376	-0,081	0,306
CHR8	24065563	CHR8:24065563	SSF x Far_LoA	-8,49789744	0,028	0,305
CHR8	24065649	CHR8:24065649	SSF x Far_LoA	-8,52128747	0,155	0,301
CHR8	24065744	CHR8:24065744	SSF x Far_LoA	-3,26860741	0,165	0,311
CHR8	24065782	CHR8:24065782	SSF x Far_LoA	-5,76191117	-0,138	0,301
CHR8	24067069	CHR8:24067069	SSF x Far_LoA	-10,4649979	0,084	0,294
CHR8	24067140	CHR8:24067140	SSF x Far_LoA	-9,41292924	-0,028	0,295
CHR8	24067293	CHR8:24067293	SSF x Far_LoA	-8,94031673	-0,002	0,319
CHR8	24097437	CHR8:24097437	SSF x Far_LoA	-9,06899142	-0,002	0,311
CHR8	24097535	CHR8:24097535	SSF x Far_LoA	-11,8974531	-0,028	0,308
CHR8	24097560	CHR8:24097560	SSF x Far_LoA	-11,9734717	-0,039	0,299
CHR8	24106500	CHR8:24106500	SSF x Far_LoA	-5,10077623	0,042	0,311
CHR8	24109180	CHR8:24109180	SSF x Far_LoA	-9,01622614	0,056	0,306
CHR8	24109293	CHR8:24109293	SSF x Far_LoA	-11,3766378	0,016	0,304
CHR8	24117394	CHR8:24117394	SSF x Far_LoA	-10,1498939	0,048	0,311
CHR8	24117423	CHR8:24117423	SSF x Far_LoA	-10,0428351	-0,013	0,289
CHR8	24117465	CHR8:24117465	SSF x Far_LoA	-7,49197781	-0,028	0,322
CHR8	24117502	CHR8:24117502	SSF x Far_LoA	-5,39871564	0,129	0,301
CHR8	24117525	CHR8:24117525	SSF x Far_LoA	-7,24086436	0,090	0,312
CHR8	24117526	CHR8:24117526	SSF x Far_LoA	-9,7337666	-0,006	0,303
CHR8	24117562	CHR8:24117562	SSF x Far_LoA	-8,22916588	0,053	0,308

CHR8	24117566	CHR8:24117566	SSF x Far_LoA	-9,70007322	-0,030	0,320
CHR8	2412941	CHR8:2412941	SSF x Far_LoA	-8,69947239	0,111	0,303
CHR8	2413017	CHR8:2413017	SSF x Far_LoA	-10,5169377	-0,098	0,302
CHR8	24134158	CHR8:24134158	SSF x Far_LoA	-0,54070145	0,066	0,310
CHR8	24134188	CHR8:24134188	SSF x Far_LoA	-10,375369	-0,078	0,310
CHR8	24134216	CHR8:24134216	SSF x Far_LoA	-8,99737881	0,086	0,315
CHR8	24134226	CHR8:24134226	SSF x Far_LoA	-9,1726875	0,034	0,312
CHR8	24134262	CHR8:24134262	SSF x Far_LoA	-10,2737645	0,011	0,312
CHR8	24134322	CHR8:24134322	SSF x Far_LoA	-8,16790457	-0,042	0,308
CHR8	24134332	CHR8:24134332	SSF x Far_LoA	-8,11061752	-0,008	0,302
CHR8	24134344	CHR8:24134344	SSF x Far_LoA	-8,42244648	-0,026	0,321
CHR8	24134350	CHR8:24134350	SSF x Far_LoA	-8,29506973	-0,059	0,294
CHR8	24145575	CHR8:24145575	SSF x Far_LoA	-7,82326085	-0,111	0,318
CHR8	24145576	CHR8:24145576	SSF x Far_LoA	-9,27426914	-0,136	0,314
CHR8	24145577	CHR8:24145577	SSF x Far_LoA	-9,55066768	-0,122	0,299
CHR8	24145727	CHR8:24145727	SSF x Far_LoA	-10,6421382	-0,001	0,295
CHR8	24152345	CHR8:24152345	SSF x Far_LoA	-9,36643341	0,017	0,307
CHR8	24152406	CHR8:24152406	SSF x Far_LoA	-4,25539092	0,184	0,297
CHR8	24153909	CHR8:24153909	SSF x Far_LoA	-8,97395272	0,081	0,301
CHR8	24153921	CHR8:24153921	SSF x Far_LoA	-9,35737144	0,006	0,303
CHR8	24155396	CHR8:24155396	SSF x Far_LoA	-10,5686224	0,056	0,299
CHR8	24155546	CHR8:24155546	SSF x Far_LoA	-9,80072437	-0,009	0,317
CHR8	24155655	CHR8:24155655	SSF x Far_LoA	-10,1793982	-0,077	0,294
CHR8	24155666	CHR8:24155666	SSF x Far_LoA	-6,58149044	0,176	0,292
CHR8	24165487	CHR8:24165487	SSF x Far_LoA	-10,4252482	0,116	0,308
CHR8	24165488	CHR8:24165488	SSF x Far_LoA	-6,69115994	0,130	0,303
CHR8	2416564	CHR8:2416564	SSF x Far_LoA	-7,00999249	0,063	0,315
CHR8	2416633	CHR8:2416633	SSF x Far_LoA	-10,3039884	-0,011	0,295
CHR8	2416754	CHR8:2416754	SSF x Far_LoA	-11,5952732	-0,013	0,320
CHR8	24172890	CHR8:24172890	SSF x Far_LoA	-8,69799791	-0,017	0,294
CHR8	24172918	CHR8:24172918	SSF x Far_LoA	-11,1782746	-0,049	0,308
CHR8	24172950	CHR8:24172950	SSF x Far_LoA	-9,05391831	-0,067	0,295
CHR8	24173015	CHR8:24173015	SSF x Far_LoA	-0,1355135	-0,157	0,306
CHR8	24173032	CHR8:24173032	SSF x Far_LoA	-8,51843094	-0,083	0,308
CHR8	24173036	CHR8:24173036	SSF x Far_LoA	-11,1682892	-0,108	0,314
CHR8	24173055	CHR8:24173055	SSF x Far_LoA	-9,32475078	0,065	0,306
CHR8	24184287	CHR8:24184287	SSF x Far_LoA	-7,94988601	0,143	0,301
CHR8	24184305	CHR8:24184305	SSF x Far_LoA	-12,0326977	0,052	0,308
CHR8	24184314	CHR8:24184314	SSF x Far_LoA	-9,24642148	-0,041	0,319
CHR8	24184446	CHR8:24184446	SSF x Far_LoA	-9,13246399	0,102	0,305
CHR8	24184483	CHR8:24184483	SSF x Far_LoA	-6,01940939	-0,187	0,300
CHR8	24184504	CHR8:24184504	SSF x Far_LoA	-9,07279944	-0,084	0,301
CHR8	24191760	CHR8:24191760	SSF x Far_LoA	-8,66310294	0,114	0,302
CHR8	24191775	CHR8:24191775	SSF x Far_LoA	-11,7200053	-0,004	0,301
CHR8	24191782	CHR8:24191782	SSF x Far_LoA	-5,40015544	-0,095	0,301
CHR8	24195860	CHR8:24195860	SSF x Far_LoA	-10,5446349	0,009	0,304
CHR8	24200306	CHR8:24200306	SSF x Far_LoA	-8,47418732	0,065	0,308
CHR8	24200312	CHR8:24200312	SSF x Far_LoA	-9,84494085	0,029	0,314
CHR8	24200391	CHR8:24200391	SSF x Far_LoA	-4,74487345	-0,137	0,315
CHR8	24200426	CHR8:24200426	SSF x Far_LoA	-8,32086839	-0,007	0,311
CHR8	2421172	CHR8:2421172	SSF x Far_LoA	-11,3507011	0,061	0,315
CHR8	2421221	CHR8:2421221	SSF x Far_LoA	-10,9350635	0,026	0,318
CHR8	2421317	CHR8:2421317	SSF x Far_LoA	-11,0685427	-0,089	0,286

CHR8	24216472	CHR8:24216472	SSF x Far_LoA	-9,97722931	0,041	0,305
CHR8	24216473	CHR8:24216473	SSF x Far_LoA	-9,97388636	0,082	0,306
CHR8	24218967	CHR8:24218967	SSF x Far_LoA	-9,30928147	-0,111	0,302
CHR8	24226230	CHR8:24226230	SSF x Far_LoA	-9,97945845	-0,007	0,298
CHR8	24226267	CHR8:24226267	SSF x Far_LoA	-10,3887659	0,081	0,318
CHR8	24226269	CHR8:24226269	SSF x Far_LoA	-8,51606342	-0,023	0,318
CHR8	24226289	CHR8:24226289	SSF x Far_LoA	-10,3899157	0,018	0,311
CHR8	24226300	CHR8:24226300	SSF x Far_LoA	-9,83334494	0,055	0,299
CHR8	24226390	CHR8:24226390	SSF x Far_LoA	-9,88256601	-0,032	0,310
CHR8	24226467	CHR8:24226467	SSF x Far_LoA	-8,50195451	-0,070	0,316
CHR8	24226491	CHR8:24226491	SSF x Far_LoA	-11,9562405	-0,017	0,308
CHR8	24248673	CHR8:24248673	SSF x Far_LoA	-10,6688013	-0,078	0,307
CHR8	24248695	CHR8:24248695	SSF x Far_LoA	-0,26782906	-0,064	0,300
CHR8	24248891	CHR8:24248891	SSF x Far_LoA	-8,6192248	-0,027	0,308
CHR8	24248896	CHR8:24248896	SSF x Far_LoA	-8,24727179	-0,072	0,298
CHR8	24248910	CHR8:24248910	SSF x Far_LoA	-7,82771909	0,044	0,316
CHR8	24271375	CHR8:24271375	SSF x Far_LoA	-7,47688431	-0,053	0,305
CHR8	24272483	CHR8:24272483	SSF x Far_LoA	-6,50933233	0,104	0,323
CHR8	24272570	CHR8:24272570	SSF x Far_LoA	-8,97023712	0,037	0,307
CHR8	24274534	CHR8:24274534	SSF x Far_LoA	-9,20454239	0,040	0,302
CHR8	24275909	CHR8:24275909	SSF x Far_LoA	-7,6356564	-0,155	0,300
CHR8	24275913	CHR8:24275913	SSF x Far_LoA	-5,26951854	0,136	0,287
CHR8	24275921	CHR8:24275921	SSF x Far_LoA	-4,95540976	-0,146	0,319
CHR8	24275962	CHR8:24275962	SSF x Far_LoA	-9,35232128	-0,039	0,294
CHR8	24275988	CHR8:24275988	SSF x Far_LoA	-11,1777918	-0,072	0,305
CHR8	24278533	CHR8:24278533	SSF x Far_LoA	-9,19425245	-0,077	0,301
CHR8	24278678	CHR8:24278678	SSF x Far_LoA	-8,75316512	0,090	0,315
CHR8	24278683	CHR8:24278683	SSF x Far_LoA	-10,0539578	-0,048	0,317
CHR8	24278723	CHR8:24278723	SSF x Far_LoA	-9,68875016	-0,081	0,318
CHR8	24278728	CHR8:24278728	SSF x Far_LoA	-10,1878222	-0,042	0,309
CHR8	24290680	CHR8:24290680	SSF x Far_LoA	-3,13518541	0,079	0,302
CHR8	24290704	CHR8:24290704	SSF x Far_LoA	-8,73864614	0,055	0,316
CHR8	24290744	CHR8:24290744	SSF x Far_LoA	-5,71645708	-0,196	0,304
CHR8	24290819	CHR8:24290819	SSF x Far_LoA	-8,93296845	0,093	0,308
CHR8	24302030	CHR8:24302030	SSF x Far_LoA	-6,62088188	0,003	0,300
CHR8	24302114	CHR8:24302114	SSF x Far_LoA	-8,20261928	-0,143	0,303
CHR8	24304395	CHR8:24304395	SSF x Far_LoA	-7,07994956	0,091	0,307
CHR8	24304474	CHR8:24304474	SSF x Far_LoA	-10,6253303	-0,052	0,322
CHR8	24304577	CHR8:24304577	SSF x Far_LoA	-9,59824922	0,115	0,296
CHR8	24307558	CHR8:24307558	SSF x Far_LoA	-10,9245055	0,066	0,305
CHR8	24307590	CHR8:24307590	SSF x Far_LoA	-9,61834885	-0,003	0,295
CHR8	24307971	CHR8:24307971	SSF x Far_LoA	-7,67249034	0,134	0,298
CHR8	2430955	CHR8:2430955	SSF x Far_LoA	-4,13595695	-0,153	0,301
CHR8	2431242	CHR8:2431242	SSF x Far_LoA	-4,42727226	-0,004	0,308
CHR8	2431259	CHR8:2431259	SSF x Far_LoA	-6,524682	0,132	0,301
CHR8	24320057	CHR8:24320057	SSF x Far_LoA	-10,3962465	0,023	0,305
CHR8	24320063	CHR8:24320063	SSF x Far_LoA	-7,77656625	-0,051	0,321
CHR8	24320077	CHR8:24320077	SSF x Far_LoA	-7,55060411	-0,044	0,313
CHR8	24320096	CHR8:24320096	SSF x Far_LoA	-10,8800168	0,022	0,309
CHR8	24320126	CHR8:24320126	SSF x Far_LoA	-10,694644	0,060	0,310
CHR8	24320168	CHR8:24320168	SSF x Far_LoA	-10,3020209	0,090	0,302
CHR8	24320169	CHR8:24320169	SSF x Far_LoA	-8,14997882	-0,003	0,299
CHR8	24320279	CHR8:24320279	SSF x Far_LoA	-9,57691608	0,033	0,300

CHR8	24323825	CHR8:24323825	SSF x Far_LoA	-8,37470066	-0,043	0,311
CHR8	24323973	CHR8:24323973	SSF x Far_LoA	-9,09102159	-0,002	0,317
CHR8	24323987	CHR8:24323987	SSF x Far_LoA	-2,61086304	-0,066	0,314
CHR8	24324037	CHR8:24324037	SSF x Far_LoA	-7,35273605	0,084	0,317
CHR8	24324056	CHR8:24324056	SSF x Far_LoA	-9,09900695	0,039	0,315
CHR8	24326104	CHR8:24326104	SSF x Far_LoA	-9,95934227	-0,119	0,313
CHR8	24326114	CHR8:24326114	SSF x Far_LoA	-9,01530441	-0,151	0,314
CHR8	24326199	CHR8:24326199	SSF x Far_LoA	-9,85643503	-0,030	0,302
CHR8	24326264	CHR8:24326264	SSF x Far_LoA	-12,2058622	-0,003	0,305
CHR8	24328337	CHR8:24328337	SSF x Far_LoA	-5,7281148	-0,037	0,296
CHR8	24328348	CHR8:24328348	SSF x Far_LoA	-8,33826883	-0,012	0,307
CHR8	24328365	CHR8:24328365	SSF x Far_LoA	-9,10309325	0,021	0,305
CHR8	24328452	CHR8:24328452	SSF x Far_LoA	-9,5995915	0,011	0,317
CHR8	24328558	CHR8:24328558	SSF x Far_LoA	-7,13517334	-0,177	0,303
CHR8	24331200	CHR8:24331200	SSF x Far_LoA	-9,54532299	-0,065	0,317
CHR8	24331209	CHR8:24331209	SSF x Far_LoA	-8,87151337	0,058	0,304
CHR8	24331223	CHR8:24331223	SSF x Far_LoA	-11,7290995	0,108	0,304
CHR8	24333017	CHR8:24333017	SSF x Far_LoA	-10,1407913	0,022	0,296
CHR8	24338886	CHR8:24338886	SSF x Far_LoA	-10,2811516	0,046	0,299
CHR8	24344619	CHR8:24344619	SSF x Far_LoA	-10,4067466	-0,005	0,316
CHR8	24344645	CHR8:24344645	SSF x Far_LoA	-9,30290201	0,018	0,321
CHR8	24344653	CHR8:24344653	SSF x Far_LoA	-9,75597535	-0,136	0,305
CHR8	24344677	CHR8:24344677	SSF x Far_LoA	-10,4308203	0,046	0,297
CHR8	24345478	CHR8:24345478	SSF x Far_LoA	-9,68106587	0,132	0,310
CHR8	24345485	CHR8:24345485	SSF x Far_LoA	-10,4130071	0,042	0,281
CHR8	24345496	CHR8:24345496	SSF x Far_LoA	-10,5919828	-0,077	0,295
CHR8	24345504	CHR8:24345504	SSF x Far_LoA	-10,2440169	0,154	0,298
CHR8	24345525	CHR8:24345525	SSF x Far_LoA	-6,28089975	0,153	0,304
CHR8	24345529	CHR8:24345529	SSF x Far_LoA	-6,60760876	0,123	0,298
CHR8	24345560	CHR8:24345560	SSF x Far_LoA	-8,27060947	-0,091	0,299
CHR8	2435703	CHR8:2435703	SSF x Far_LoA	-8,32756584	-0,063	0,303
CHR8	2435704	CHR8:2435704	SSF x Far_LoA	-6,13710709	0,013	0,312
CHR8	2435740	CHR8:2435740	SSF x Far_LoA	-1,51362325	-0,072	0,313
CHR8	2435765	CHR8:2435765	SSF x Far_LoA	-4,92776414	0,108	0,329
CHR8	2435767	CHR8:2435767	SSF x Far_LoA	-9,02129892	0,003	0,299
CHR8	2435844	CHR8:2435844	SSF x Far_LoA	-8,98226375	-0,049	0,290
CHR8	24361498	CHR8:24361498	SSF x Far_LoA	-10,9949445	0,060	0,304
CHR8	24361671	CHR8:24361671	SSF x Far_LoA	-8,68897529	-0,039	0,305
CHR8	24361705	CHR8:24361705	SSF x Far_LoA	-10,0565893	-0,060	0,306
CHR8	24367866	CHR8:24367866	SSF x Far_LoA	-10,2618482	-0,086	0,294
CHR8	24367910	CHR8:24367910	SSF x Far_LoA	-7,69344433	-0,056	0,308
CHR8	24373561	CHR8:24373561	SSF x Far_LoA	-6,76773099	0,145	0,303
CHR8	24399702	CHR8:24399702	SSF x Far_LoA	-4,50198573	-0,111	0,305
CHR8	24399762	CHR8:24399762	SSF x Far_LoA	-9,39187282	0,043	0,313
CHR8	24399826	CHR8:24399826	SSF x Far_LoA	-8,51335727	-0,053	0,297
CHR8	2441017	CHR8:2441017	SSF x Far_LoA	-11,4491416	-0,025	0,308
CHR8	24414247	CHR8:24414247	SSF x Far_LoA	-8,19891609	-0,094	0,309
CHR8	24414372	CHR8:24414372	SSF x Far_LoA	-9,81658806	-0,030	0,316
CHR8	24414381	CHR8:24414381	SSF x Far_LoA	-8,2940111	-0,070	0,303
CHR8	24414396	CHR8:24414396	SSF x Far_LoA	-8,10506968	-0,040	0,310
CHR8	24414428	CHR8:24414428	SSF x Far_LoA	-9,1030221	-0,105	0,306
CHR8	24414476	CHR8:24414476	SSF x Far_LoA	-10,0525701	0,121	0,306
CHR8	24418034	CHR8:24418034	SSF x Far_LoA	-9,79514254	0,025	0,310

CHR8	24418038	CHR8:24418038	SSF x Far_LoA	-8,67833042	-0,052	0,316
CHR8	24418097	CHR8:24418097	SSF x Far_LoA	-7,07886002	-0,191	0,292
CHR8	24418167	CHR8:24418167	SSF x Far_LoA	-7,98545046	-0,016	0,315
CHR8	2443136	CHR8:2443136	SSF x Far_LoA	-9,05466935	-0,153	0,307
CHR8	2443306	CHR8:2443306	SSF x Far_LoA	-7,54737899	0,099	0,295
CHR8	2443317	CHR8:2443317	SSF x Far_LoA	-8,42915524	0,115	0,302
CHR8	24433296	CHR8:24433296	SSF x Far_LoA	-9,90017046	0,066	0,291
CHR8	24451505	CHR8:24451505	SSF x Far_LoA	-7,98674022	0,058	0,309
CHR8	24451507	CHR8:24451507	SSF x Far_LoA	-8,69952702	0,054	0,306
CHR8	24457837	CHR8:24457837	SSF x Far_LoA	-9,25220148	-0,032	0,295
CHR8	24457916	CHR8:24457916	SSF x Far_LoA	-12,1696164	0,012	0,313
CHR8	24458051	CHR8:24458051	SSF x Far_LoA	-9,86611815	-0,074	0,311
CHR8	24459839	CHR8:24459839	SSF x Far_LoA	-8,68757834	0,053	0,314
CHR8	24460010	CHR8:24460010	SSF x Far_LoA	-10,088734	-0,028	0,301
CHR8	24461722	CHR8:24461722	SSF x Far_LoA	-10,3074772	-0,013	0,310
CHR8	24461746	CHR8:24461746	SSF x Far_LoA	-10,3227476	0,073	0,298
CHR8	24461752	CHR8:24461752	SSF x Far_LoA	5,92484189	-0,024	0,304
CHR8	24477757	CHR8:24477757	SSF x Far_LoA	-8,32023045	-0,016	0,293
CHR8	24477842	CHR8:24477842	SSF x Far_LoA	-9,25290218	-0,032	0,313
CHR8	24478810	CHR8:24478810	SSF x Far_LoA	-8,42476461	-0,024	0,299
CHR8	24478868	CHR8:24478868	SSF x Far_LoA	-8,67641028	0,030	0,298
CHR8	24478920	CHR8:24478920	SSF x Far_LoA	1,12481748	0,015	0,306
CHR8	24478929	CHR8:24478929	SSF x Far_LoA	-8,80063657	0,039	0,307
CHR8	24484735	CHR8:24484735	SSF x Far_LoA	-8,21419373	0,035	0,298
CHR8	24484816	CHR8:24484816	SSF x Far_LoA	-7,40703766	0,009	0,308
CHR8	24488394	CHR8:24488394	SSF x Far_LoA	-9,78670102	0,089	0,300
CHR8	2448902	CHR8:2448902	SSF x Far_LoA	-7,79555516	0,046	0,319
CHR8	2448923	CHR8:2448923	SSF x Far_LoA	-8,46366577	0,014	0,323
CHR8	2448927	CHR8:2448927	SSF x Far_LoA	-5,1732674	-0,054	0,310
CHR8	2448938	CHR8:2448938	SSF x Far_LoA	-9,77840923	0,022	0,312
CHR8	2448972	CHR8:2448972	SSF x Far_LoA	-11,1983513	-0,047	0,300
CHR8	2448978	CHR8:2448978	SSF x Far_LoA	-8,98588219	0,084	0,301
CHR8	2449092	CHR8:2449092	SSF x Far_LoA	-7,12003919	-0,025	0,304
CHR8	24505230	CHR8:24505230	SSF x Far_LoA	-9,75229563	-0,013	0,301
CHR8	24516260	CHR8:24516260	SSF x Far_LoA	-10,6006409	0,009	0,306
CHR8	24516261	CHR8:24516261	SSF x Far_LoA	-10,7241869	-0,112	0,301
CHR8	24516263	CHR8:24516263	SSF x Far_LoA	-9,10786229	0,025	0,323
CHR8	24516299	CHR8:24516299	SSF x Far_LoA	-9,33682881	-0,005	0,304
CHR8	24516338	CHR8:24516338	SSF x Far_LoA	-9,21673783	0,071	0,307
CHR8	24516363	CHR8:24516363	SSF x Far_LoA	-5,92011071	-0,125	0,312
CHR8	24516368	CHR8:24516368	SSF x Far_LoA	-10,4458753	-0,044	0,313
CHR8	24516378	CHR8:24516378	SSF x Far_LoA	-11,3439547	-0,040	0,308
CHR8	24516405	CHR8:24516405	SSF x Far_LoA	-8,55358997	-0,005	0,305
CHR8	24516475	CHR8:24516475	SSF x Far_LoA	-9,2919941	0,176	0,282
CHR8	24527892	CHR8:24527892	SSF x Far_LoA	-9,98142537	-0,039	0,316
CHR8	24537533	CHR8:24537533	SSF x Far_LoA	-12,2512472	0,001	0,306
CHR8	2457182	CHR8:2457182	SSF x Far_LoA	-8,12714822	0,132	0,302
CHR8	2457246	CHR8:2457246	SSF x Far_LoA	-9,77361869	0,000	0,301
CHR8	24575469	CHR8:24575469	SSF x Far_LoA	-7,86091676	0,000	0,303
CHR8	24575479	CHR8:24575479	SSF x Far_LoA	-9,07611048	0,009	0,313
CHR8	24579590	CHR8:24579590	SSF x Far_LoA	-10,4930936	0,034	0,303
CHR8	24594523	CHR8:24594523	SSF x Far_LoA	-11,939936	0,003	0,299
CHR8	24602556	CHR8:24602556	SSF x Far_LoA	-9,17263053	-0,029	0,309

CHR8	24606275	CHR8:24606275	SSF x Far_LoA	-6,49728778	-0,061	0,313
CHR8	2462352	CHR8:2462352	SSF x Far_LoA	-8,93833853	-0,033	0,306
CHR8	2462399	CHR8:2462399	SSF x Far_LoA	-8,82409372	-0,037	0,301
CHR8	2462400	CHR8:2462400	SSF x Far_LoA	-3,37683255	-0,085	0,308
CHR8	24630121	CHR8:24630121	SSF x Far_LoA	-11,9121815	0,011	0,315
CHR8	24630190	CHR8:24630190	SSF x Far_LoA	-11,5376866	0,038	0,291
CHR8	24647337	CHR8:24647337	SSF x Far_LoA	-10,2336732	-0,025	0,304
CHR8	24682570	CHR8:24682570	SSF x Far_LoA	-7,57365826	-0,097	0,316
CHR8	24682630	CHR8:24682630	SSF x Far_LoA	-4,15261999	0,099	0,306
CHR8	24682681	CHR8:24682681	SSF x Far_LoA	-6,7762234	-0,103	0,296
CHR8	24685069	CHR8:24685069	SSF x Far_LoA	-10,5706912	0,072	0,299
CHR8	24685128	CHR8:24685128	SSF x Far_LoA	-7,23751106	-0,096	0,300
CHR8	24685192	CHR8:24685192	SSF x Far_LoA	-9,18793139	0,091	0,306
CHR8	24685252	CHR8:24685252	SSF x Far_LoA	-10,6861066	-0,057	0,305
CHR8	24685273	CHR8:24685273	SSF x Far_LoA	-10,1606749	0,117	0,297
CHR8	24688931	CHR8:24688931	SSF x Far_LoA	-6,65537191	-0,138	0,295
CHR8	24688933	CHR8:24688933	SSF x Far_LoA	-8,72283376	-0,154	0,298
CHR8	24688941	CHR8:24688941	SSF x Far_LoA	-8,37093167	-0,153	0,282
CHR8	24688962	CHR8:24688962	SSF x Far_LoA	-10,3651382	-0,019	0,309
CHR8	24688985	CHR8:24688985	SSF x Far_LoA	-8,36674677	0,068	0,305
CHR8	24689294	CHR8:24689294	SSF x Far_LoA	-10,6064206	0,063	0,308
CHR8	24689308	CHR8:24689308	SSF x Far_LoA	-9,88819377	-0,006	0,295
CHR8	24689313	CHR8:24689313	SSF x Far_LoA	-12,2975935	0,000	0,300
CHR8	24691416	CHR8:24691416	SSF x Far_LoA	-11,41882	-0,057	0,303
CHR8	24691460	CHR8:24691460	SSF x Far_LoA	-8,62382037	-0,096	0,309
CHR8	24691588	CHR8:24691588	SSF x Far_LoA	-6,95306109	0,081	0,310
CHR8	24691613	CHR8:24691613	SSF x Far_LoA	-7,67346739	0,149	0,295
CHR8	24691667	CHR8:24691667	SSF x Far_LoA	-8,34121299	-0,042	0,301
CHR8	24693931	CHR8:24693931	SSF x Far_LoA	-6,04696001	-0,082	0,296
CHR8	24693963	CHR8:24693963	SSF x Far_LoA	-5,33027938	-0,006	0,317
CHR8	24693967	CHR8:24693967	SSF x Far_LoA	-8,0591877	0,011	0,305
CHR8	24693980	CHR8:24693980	SSF x Far_LoA	-8,77155587	-0,087	0,310
CHR8	24693996	CHR8:24693996	SSF x Far_LoA	-10,6982752	0,097	0,285
CHR8	24694018	CHR8:24694018	SSF x Far_LoA	-9,11909407	-0,010	0,316
CHR8	24695774	CHR8:24695774	SSF x Far_LoA	-7,72294773	0,138	0,299
CHR8	24695852	CHR8:24695852	SSF x Far_LoA	-10,8623168	0,040	0,284
CHR8	24695853	CHR8:24695853	SSF x Far_LoA	-9,71847232	0,018	0,301
CHR8	24744445	CHR8:24744445	SSF x Far_LoA	-10,3835427	-0,091	0,314
CHR8	24744510	CHR8:24744510	SSF x Far_LoA	-7,09968693	0,133	0,306
CHR8	24744610	CHR8:24744610	SSF x Far_LoA	-4,3321143	0,129	0,291
CHR8	24744614	CHR8:24744614	SSF x Far_LoA	-7,28644831	0,237	0,297
CHR8	24744631	CHR8:24744631	SSF x Far_LoA	-9,57287399	0,126	0,296
CHR8	24744635	CHR8:24744635	SSF x Far_LoA	-8,76281634	0,207	0,280
CHR8	24744667	CHR8:24744667	SSF x Far_LoA	-10,0714713	-0,101	0,305
CHR8	24749917	CHR8:24749917	SSF x Far_LoA	-10,236156	0,101	0,294
CHR8	24749970	CHR8:24749970	SSF x Far_LoA	-10,5950978	-0,106	0,303
CHR8	24751205	CHR8:24751205	SSF x Far_LoA	-9,70177537	-0,024	0,316
CHR8	24759116	CHR8:24759116	SSF x Far_LoA	-8,30011201	0,013	0,311
CHR8	24759120	CHR8:24759120	SSF x Far_LoA	-10,2427826	0,069	0,293
CHR8	24759123	CHR8:24759123	SSF x Far_LoA	-9,18569811	0,070	0,317
CHR8	24792363	CHR8:24792363	SSF x Far_LoA	-10,8599066	-0,030	0,296
CHR8	24800438	CHR8:24800438	SSF x Far_LoA	-8,71975463	0,010	0,315
CHR8	24800538	CHR8:24800538	SSF x Far_LoA	-12,2965954	-0,025	0,298

CHR8	24800584	CHR8:24800584	SSF x Far_LoA	-9,60632899	-0,029	0,298
CHR8	24802424	CHR8:24802424	SSF x Far_LoA	-9,59661625	-0,027	0,301
CHR8	24812593	CHR8:24812593	SSF x Far_LoA	-10,1645838	-0,031	0,296
CHR8	24812594	CHR8:24812594	SSF x Far_LoA	-11,5433795	0,017	0,298
CHR8	24812636	CHR8:24812636	SSF x Far_LoA	-9,28612134	0,040	0,313
CHR8	24812686	CHR8:24812686	SSF x Far_LoA	-10,8498731	-0,014	0,300
CHR8	24812722	CHR8:24812722	SSF x Far_LoA	-11,2232012	0,031	0,301
CHR8	24839448	CHR8:24839448	SSF x Far_LoA	-6,38375447	-0,209	0,289
CHR8	24839508	CHR8:24839508	SSF x Far_LoA	-11,0355691	-0,014	0,308
CHR8	24850763	CHR8:24850763	SSF x Far_LoA	-11,2999464	-0,061	0,306
CHR8	24860964	CHR8:24860964	SSF x Far_LoA	-10,9233933	-0,039	0,308
CHR8	24861079	CHR8:24861079	SSF x Far_LoA	-10,9482723	-0,069	0,294
CHR8	24873131	CHR8:24873131	SSF x Far_LoA	-10,7047033	0,101	0,307
CHR8	24894525	CHR8:24894525	SSF x Far_LoA	-11,3185064	0,038	0,308
CHR8	24894540	CHR8:24894540	SSF x Far_LoA	-5,80163537	0,077	0,313
CHR8	24894553	CHR8:24894553	SSF x Far_LoA	-8,20121708	-0,033	0,312
CHR8	24897270	CHR8:24897270	SSF x Far_LoA	-7,19444085	0,077	0,306
CHR8	24897332	CHR8:24897332	SSF x Far_LoA	-9,97528309	0,014	0,306
CHR8	24897348	CHR8:24897348	SSF x Far_LoA	-8,69896421	0,038	0,313
CHR8	24897351	CHR8:24897351	SSF x Far_LoA	-9,66012967	0,003	0,298
CHR8	24910708	CHR8:24910708	SSF x Far_LoA	-8,24110867	-0,124	0,310
CHR8	2492734	CHR8:2492734	SSF x Far_LoA	-11,0916058	0,052	0,299
CHR8	2492757	CHR8:2492757	SSF x Far_LoA	-8,98142755	0,018	0,320
CHR8	2492927	CHR8:2492927	SSF x Far_LoA	-10,2696226	-0,053	0,311
CHR8	24932892	CHR8:24932892	SSF x Far_LoA	-6,54089386	-0,176	0,298
CHR8	24939795	CHR8:24939795	SSF x Far_LoA	-10,9593818	0,063	0,304
CHR8	24940866	CHR8:24940866	SSF x Far_LoA	-9,95246583	0,082	0,296
CHR8	24950046	CHR8:24950046	SSF x Far_LoA	-7,09196023	-0,025	0,294
CHR8	24950213	CHR8:24950213	SSF x Far_LoA	-9,62253706	0,010	0,311
CHR8	24982714	CHR8:24982714	SSF x Far_LoA	-3,72602494	0,189	0,289
CHR8	24986949	CHR8:24986949	SSF x Far_LoA	-8,00171803	0,134	0,293
CHR8	24990916	CHR8:24990916	SSF x Far_LoA	-10,8102453	-0,045	0,309
CHR8	24991822	CHR8:24991822	SSF x Far_LoA	-8,86554353	0,085	0,305
CHR8	24992428	CHR8:24992428	SSF x Far_LoA	-11,181079	0,007	0,321
CHR8	24993907	CHR8:24993907	SSF x Far_LoA	-9,20768051	0,036	0,303
CHR8	24993991	CHR8:24993991	SSF x Far_LoA	-10,7705592	-0,055	0,322
CHR8	2499470	CHR8:2499470	SSF x Far_LoA	-5,74202845	-0,122	0,305
CHR8	2499951	CHR8:2499951	SSF x Far_LoA	-8,24978347	0,013	0,320
CHR8	2500066	CHR8:2500066	SSF x Far_LoA	-8,99552629	0,009	0,307
CHR8	25018569	CHR8:25018569	SSF x Far_LoA	-12,4010597	0,019	0,303
CHR8	25023016	CHR8:25023016	SSF x Far_LoA	-11,8096636	-0,023	0,296
CHR8	25031696	CHR8:25031696	SSF x Far_LoA	-7,26129515	0,001	0,311
CHR8	25037661	CHR8:25037661	SSF x Far_LoA	-9,96426294	-0,038	0,308
CHR8	2505030	CHR8:2505030	SSF x Far_LoA	-8,63514465	0,060	0,310
CHR8	2505056	CHR8:2505056	SSF x Far_LoA	-10,2419269	-0,029	0,299
CHR8	2505073	CHR8:2505073	SSF x Far_LoA	-7,54833659	0,130	0,285
CHR8	25057548	CHR8:25057548	SSF x Far_LoA	-10,9333159	-0,041	0,302
CHR8	25057565	CHR8:25057565	SSF x Far_LoA	-5,8056563	0,067	0,307
CHR8	25057621	CHR8:25057621	SSF x Far_LoA	-8,1244429	0,000	0,315
CHR8	25057823	CHR8:25057823	SSF x Far_LoA	-10,7293583	-0,082	0,302
CHR8	25073108	CHR8:25073108	SSF x Far_LoA	-8,76852051	-0,091	0,304
CHR8	25077334	CHR8:25077334	SSF x Far_LoA	-8,01038642	0,150	0,296
CHR8	25080666	CHR8:25080666	SSF x Far_LoA	-9,52229074	-0,045	0,301

CHR8	25080872	CHR8:25080872	SSF x Far_LoA	-7,25251864	0,113	0,315
CHR8	25080933	CHR8:25080933	SSF x Far_LoA	-11,2492279	0,135	0,281
CHR8	25091229	CHR8:25091229	SSF x Far_LoA	-8,32679913	-0,125	0,305
CHR8	25091318	CHR8:25091318	SSF x Far_LoA	-7,47963923	-0,115	0,301
CHR8	25091319	CHR8:25091319	SSF x Far_LoA	-9,93607769	-0,030	0,305
CHR8	25091323	CHR8:25091323	SSF x Far_LoA	-10,309043	-0,057	0,317
CHR8	25091357	CHR8:25091357	SSF x Far_LoA	-10,4765764	-0,090	0,301
CHR8	25095965	CHR8:25095965	SSF x Far_LoA	-10,0456132	0,027	0,301
CHR8	25095989	CHR8:25095989	SSF x Far_LoA	-7,30176356	0,041	0,313
CHR8	25095997	CHR8:25095997	SSF x Far_LoA	-9,86568099	-0,100	0,315
CHR8	25096029	CHR8:25096029	SSF x Far_LoA	-8,42877155	-0,079	0,313
CHR8	25096046	CHR8:25096046	SSF x Far_LoA	-8,87628898	0,058	0,288
CHR8	25096059	CHR8:25096059	SSF x Far_LoA	-7,42736251	-0,111	0,304
CHR8	25096163	CHR8:25096163	SSF x Far_LoA	-9,4023927	-0,030	0,312
CHR8	25096192	CHR8:25096192	SSF x Far_LoA	-8,88827626	-0,008	0,294
CHR8	25096217	CHR8:25096217	SSF x Far_LoA	-8,94423792	0,032	0,296
CHR8	25101881	CHR8:25101881	SSF x Far_LoA	-9,39394788	-0,009	0,305
CHR8	25118903	CHR8:25118903	SSF x Far_LoA	-9,69950495	0,007	0,305
CHR8	25124747	CHR8:25124747	SSF x Far_LoA	-9,49602898	0,080	0,312
CHR8	25124762	CHR8:25124762	SSF x Far_LoA	-7,13457493	0,083	0,306
CHR8	25147305	CHR8:25147305	SSF x Far_LoA	-9,19325262	0,049	0,305
CHR8	2516394	CHR8:2516394	SSF x Far_LoA	-8,4422372	-0,072	0,312
CHR8	2516413	CHR8:2516413	SSF x Far_LoA	-8,78786807	0,113	0,292
CHR8	2516450	CHR8:2516450	SSF x Far_LoA	-11,2352919	0,029	0,299
CHR8	25166916	CHR8:25166916	SSF x Far_LoA	-10,2194371	0,073	0,300
CHR8	25180440	CHR8:25180440	SSF x Far_LoA	-9,28726729	0,060	0,315
CHR8	25194429	CHR8:25194429	SSF x Far_LoA	-8,39056832	0,059	0,296
CHR8	25194432	CHR8:25194432	SSF x Far_LoA	-10,5434723	0,086	0,297
CHR8	25194459	CHR8:25194459	SSF x Far_LoA	-10,437432	0,108	0,307
CHR8	25194488	CHR8:25194488	SSF x Far_LoA	-11,2655367	0,034	0,311
CHR8	25194504	CHR8:25194504	SSF x Far_LoA	-11,4314689	0,071	0,301
CHR8	25194513	CHR8:25194513	SSF x Far_LoA	-8,39007628	-0,158	0,289
CHR8	25194536	CHR8:25194536	SSF x Far_LoA	-10,8459199	0,065	0,307
CHR8	25194551	CHR8:25194551	SSF x Far_LoA	-8,81035303	-0,012	0,305
CHR8	25199262	CHR8:25199262	SSF x Far_LoA	-9,2482767	-0,013	0,294
CHR8	25199278	CHR8:25199278	SSF x Far_LoA	-9,58894372	0,080	0,298
CHR8	25199296	CHR8:25199296	SSF x Far_LoA	-9,36842368	-0,117	0,302
CHR8	25200956	CHR8:25200956	SSF x Far_LoA	-7,2429867	0,107	0,294
CHR8	25201577	CHR8:25201577	SSF x Far_LoA	-9,73192114	0,057	0,299
CHR8	25201637	CHR8:25201637	SSF x Far_LoA	-8,45121398	0,099	0,301
CHR8	25201638	CHR8:25201638	SSF x Far_LoA	-8,85288323	-0,044	0,311
CHR8	25207497	CHR8:25207497	SSF x Far_LoA	-11,2808714	0,026	0,316
CHR8	25213030	CHR8:25213030	SSF x Far_LoA	-11,6575825	0,099	0,294
CHR8	25213157	CHR8:25213157	SSF x Far_LoA	-9,62657345	0,026	0,302
CHR8	25214856	CHR8:25214856	SSF x Far_LoA	-10,0479143	0,058	0,301
CHR8	25216063	CHR8:25216063	SSF x Far_LoA	1,27402682	-0,103	0,298
CHR8	25218463	CHR8:25218463	SSF x Far_LoA	-9,33614131	0,042	0,286
CHR8	25220527	CHR8:25220527	SSF x Far_LoA	-8,562596	-0,041	0,292
CHR8	25220609	CHR8:25220609	SSF x Far_LoA	-9,11541071	-0,015	0,323
CHR8	25222452	CHR8:25222452	SSF x Far_LoA	-9,46067401	-0,058	0,307
CHR8	25222552	CHR8:25222552	SSF x Far_LoA	-10,3017745	0,022	0,297
CHR8	25222574	CHR8:25222574	SSF x Far_LoA	-11,9299106	-0,040	0,298
CHR8	25223366	CHR8:25223366	SSF x Far_LoA	-10,0340343	0,014	0,307

CHR8	25223394	CHR8:25223394	SSF x Far_LoA	-8,73105534	-0,095	0,295
CHR8	25223443	CHR8:25223443	SSF x Far_LoA	-9,13376564	0,120	0,321
CHR8	25223461	CHR8:25223461	SSF x Far_LoA	-8,46227818	-0,003	0,293
CHR8	25223599	CHR8:25223599	SSF x Far_LoA	-4,45789975	-0,090	0,311
CHR8	25223619	CHR8:25223619	SSF x Far_LoA	-11,9606977	0,017	0,302
CHR8	25223749	CHR8:25223749	SSF x Far_LoA	-10,93346	-0,042	0,300
CHR8	25238405	CHR8:25238405	SSF x Far_LoA	-10,2012107	0,057	0,296
CHR8	25247569	CHR8:25247569	SSF x Far_LoA	-9,90035072	-0,102	0,309
CHR8	25247571	CHR8:25247571	SSF x Far_LoA	-8,9849751	-0,104	0,307
CHR8	25247572	CHR8:25247572	SSF x Far_LoA	-8,71322572	-0,015	0,316
CHR8	2525409	CHR8:2525409	SSF x Far_LoA	-7,70696143	0,108	0,298
CHR8	25271236	CHR8:25271236	SSF x Far_LoA	-10,1475187	0,036	0,315
CHR8	25271237	CHR8:25271237	SSF x Far_LoA	-7,65353519	0,048	0,317
CHR8	25271252	CHR8:25271252	SSF x Far_LoA	-10,7885881	0,075	0,303
CHR8	25271769	CHR8:25271769	SSF x Far_LoA	-7,59877936	0,088	0,297
CHR8	25276359	CHR8:25276359	SSF x Far_LoA	-9,21620403	-0,117	0,299
CHR8	25276378	CHR8:25276378	SSF x Far_LoA	-9,68155864	-0,088	0,298
CHR8	25276445	CHR8:25276445	SSF x Far_LoA	-9,49427488	-0,032	0,312
CHR8	25276446	CHR8:25276446	SSF x Far_LoA	-9,99811951	0,001	0,312
CHR8	25276459	CHR8:25276459	SSF x Far_LoA	-10,0979678	-0,026	0,314
CHR8	25276480	CHR8:25276480	SSF x Far_LoA	-10,749936	0,026	0,302
CHR8	25276525	CHR8:25276525	SSF x Far_LoA	-10,5979331	0,033	0,311
CHR8	25276652	CHR8:25276652	SSF x Far_LoA	-8,89553951	0,065	0,308
CHR8	25276690	CHR8:25276690	SSF x Far_LoA	-1,62300384	0,117	0,316
CHR8	25290591	CHR8:25290591	SSF x Far_LoA	-11,4699124	-0,072	0,313
CHR8	25290805	CHR8:25290805	SSF x Far_LoA	-8,64245008	0,088	0,318
CHR8	2529471	CHR8:2529471	SSF x Far_LoA	-10,495839	-0,045	0,315
CHR8	2529485	CHR8:2529485	SSF x Far_LoA	-7,46244647	-0,180	0,304
CHR8	2529499	CHR8:2529499	SSF x Far_LoA	-10,5734816	-0,082	0,295
CHR8	25295324	CHR8:25295324	SSF x Far_LoA	-10,3978467	-0,088	0,300
CHR8	25295416	CHR8:25295416	SSF x Far_LoA	-4,08838712	0,246	0,281
CHR8	2529588	CHR8:2529588	SSF x Far_LoA	-5,15907237	-0,015	0,320
CHR8	2529615	CHR8:2529615	SSF x Far_LoA	-10,5669036	-0,102	0,304
CHR8	25297572	CHR8:25297572	SSF x Far_LoA	-11,3632055	0,015	0,296
CHR8	25297609	CHR8:25297609	SSF x Far_LoA	-7,00413502	-0,118	0,318
CHR8	25297640	CHR8:25297640	SSF x Far_LoA	-7,38037213	0,159	0,283
CHR8	25305201	CHR8:25305201	SSF x Far_LoA	-8,94675264	0,044	0,313
CHR8	25305205	CHR8:25305205	SSF x Far_LoA	-10,8889784	-0,068	0,299
CHR8	25305385	CHR8:25305385	SSF x Far_LoA	-11,6751287	0,041	0,292
CHR8	25305546	CHR8:25305546	SSF x Far_LoA	-8,66499443	0,010	0,313
CHR8	25313108	CHR8:25313108	SSF x Far_LoA	-9,15484104	-0,007	0,320
CHR8	25313181	CHR8:25313181	SSF x Far_LoA	-10,1901916	-0,067	0,299
CHR8	25315750	CHR8:25315750	SSF x Far_LoA	-8,57984752	-0,103	0,315
CHR8	25315752	CHR8:25315752	SSF x Far_LoA	-9,79021163	-0,129	0,313
CHR8	25315785	CHR8:25315785	SSF x Far_LoA	-8,486298	-0,109	0,287
CHR8	25315789	CHR8:25315789	SSF x Far_LoA	-7,24135625	-0,112	0,293
CHR8	25315814	CHR8:25315814	SSF x Far_LoA	-11,9554918	0,016	0,310
CHR8	25315891	CHR8:25315891	SSF x Far_LoA	-11,2544153	-0,054	0,299
CHR8	25315906	CHR8:25315906	SSF x Far_LoA	-9,49251032	-0,095	0,311
CHR8	25318847	CHR8:25318847	SSF x Far_LoA	-10,2102015	-0,051	0,309
CHR8	25322786	CHR8:25322786	SSF x Far_LoA	-10,7389265	-0,008	0,308
CHR8	25322808	CHR8:25322808	SSF x Far_LoA	-8,19562702	0,023	0,312
CHR8	25322824	CHR8:25322824	SSF x Far_LoA	-10,6628377	-0,044	0,313

CHR8	25322833	CHR8:25322833	SSF x Far_LoA	-12,0711785	-0,014	0,308
CHR8	25322857	CHR8:25322857	SSF x Far_LoA	-11,0723944	0,054	0,308
CHR8	25332381	CHR8:25332381	SSF x Far_LoA	-7,94717537	-0,019	0,300
CHR8	25332513	CHR8:25332513	SSF x Far_LoA	-10,500997	-0,070	0,293
CHR8	25332516	CHR8:25332516	SSF x Far_LoA	-9,80802094	-0,022	0,305
CHR8	25342557	CHR8:25342557	SSF x Far_LoA	-8,9964863	0,096	0,306
CHR8	25342706	CHR8:25342706	SSF x Far_LoA	-9,84412917	-0,056	0,312
CHR8	25343448	CHR8:25343448	SSF x Far_LoA	-8,49986414	-0,005	0,312
CHR8	25343458	CHR8:25343458	SSF x Far_LoA	-7,3530617	0,030	0,312
CHR8	25343517	CHR8:25343517	SSF x Far_LoA	-9,28735853	0,027	0,296
CHR8	25355634	CHR8:25355634	SSF x Far_LoA	-8,60375782	0,050	0,316
CHR8	25366861	CHR8:25366861	SSF x Far_LoA	-8,90576924	0,040	0,301
CHR8	25366920	CHR8:25366920	SSF x Far_LoA	-8,03538653	-0,024	0,320
CHR8	25366970	CHR8:25366970	SSF x Far_LoA	-9,96609238	0,032	0,295
CHR8	25367061	CHR8:25367061	SSF x Far_LoA	-7,35394854	0,044	0,308
CHR8	25367081	CHR8:25367081	SSF x Far_LoA	-8,54774595	-0,011	0,313
CHR8	25367183	CHR8:25367183	SSF x Far_LoA	-10,2339739	0,156	0,293
CHR8	25379690	CHR8:25379690	SSF x Far_LoA	-11,0738768	-0,061	0,311
CHR8	25379705	CHR8:25379705	SSF x Far_LoA	-10,4783159	0,026	0,302
CHR8	25384212	CHR8:25384212	SSF x Far_LoA	-8,80201908	0,132	0,303
CHR8	25384256	CHR8:25384256	SSF x Far_LoA	-8,28992135	-0,020	0,308
CHR8	25384715	CHR8:25384715	SSF x Far_LoA	-9,34020158	0,076	0,297
CHR8	25384772	CHR8:25384772	SSF x Far_LoA	-9,63513991	-0,064	0,311
CHR8	25387156	CHR8:25387156	SSF x Far_LoA	-10,7414464	-0,020	0,307
CHR8	25394244	CHR8:25394244	SSF x Far_LoA	-8,78490868	-0,148	0,299
CHR8	25405307	CHR8:25405307	SSF x Far_LoA	-12,296227	-0,052	0,297
CHR8	254166	CHR8:254166	SSF x Far_LoA	-9,10111315	-0,037	0,297
CHR8	25419887	CHR8:25419887	SSF x Far_LoA	-9,05189729	-0,094	0,308
CHR8	25419934	CHR8:25419934	SSF x Far_LoA	-8,23179111	-0,083	0,301
CHR8	25420037	CHR8:25420037	SSF x Far_LoA	-8,27234288	-0,009	0,316
CHR8	25420068	CHR8:25420068	SSF x Far_LoA	-10,9887428	-0,058	0,318
CHR8	25421272	CHR8:25421272	SSF x Far_LoA	-7,11740442	-0,035	0,320
CHR8	25421273	CHR8:25421273	SSF x Far_LoA	-8,13369775	-0,087	0,310
CHR8	25421330	CHR8:25421330	SSF x Far_LoA	-8,77218536	0,205	0,291
CHR8	254227	CHR8:254227	SSF x Far_LoA	-7,43445191	-0,049	0,305
CHR8	2543707	CHR8:2543707	SSF x Far_LoA	10,8690032	0,019	0,318
CHR8	2543891	CHR8:2543891	SSF x Far_LoA	-8,9702381	-0,004	0,301
CHR8	2543938	CHR8:2543938	SSF x Far_LoA	-8,73011252	-0,054	0,308
CHR8	25442113	CHR8:25442113	SSF x Far_LoA	-9,35468961	0,088	0,308
CHR8	2546855	CHR8:2546855	SSF x Far_LoA	-8,33689707	0,033	0,312
CHR8	2546872	CHR8:2546872	SSF x Far_LoA	-10,3526845	-0,114	0,297
CHR8	2546904	CHR8:2546904	SSF x Far_LoA	-6,06902038	0,186	0,304
CHR8	2546950	CHR8:2546950	SSF x Far_LoA	-10,8705995	-0,014	0,290
CHR8	2546956	CHR8:2546956	SSF x Far_LoA	-11,0508242	-0,006	0,296
CHR8	2546960	CHR8:2546960	SSF x Far_LoA	-9,57183865	0,011	0,314
CHR8	2547033	CHR8:2547033	SSF x Far_LoA	-10,3112659	0,041	0,301
CHR8	2547067	CHR8:2547067	SSF x Far_LoA	-8,5550265	0,029	0,315
CHR8	25475883	CHR8:25475883	SSF x Far_LoA	-10,1834446	-0,078	0,286
CHR8	25479476	CHR8:25479476	SSF x Far_LoA	-10,5628993	0,053	0,302
CHR8	25479485	CHR8:25479485	SSF x Far_LoA	-7,12314264	-0,163	0,284
CHR8	25481845	CHR8:25481845	SSF x Far_LoA	-9,17850745	-0,061	0,313
CHR8	25484235	CHR8:25484235	SSF x Far_LoA	-8,68420765	-0,046	0,300
CHR8	25484451	CHR8:25484451	SSF x Far_LoA	-9,38796358	0,025	0,306

CHR8	25492257	CHR8:25492257	SSF x Far_LoA	-8,58406683	0,006	0,304
CHR8	25492398	CHR8:25492398	SSF x Far_LoA	-5,9829616	0,132	0,300
CHR8	25498307	CHR8:25498307	SSF x Far_LoA	-9,43320719	-0,129	0,316
CHR8	25498375	CHR8:25498375	SSF x Far_LoA	-6,53800564	0,139	0,286
CHR8	25500790	CHR8:25500790	SSF x Far_LoA	-11,3335552	0,002	0,316
CHR8	25516001	CHR8:25516001	SSF x Far_LoA	-9,35735021	-0,003	0,309
CHR8	25527119	CHR8:25527119	SSF x Far_LoA	-6,30962996	0,003	0,324
CHR8	25527280	CHR8:25527280	SSF x Far_LoA	-7,87324937	0,056	0,307
CHR8	25551262	CHR8:25551262	SSF x Far_LoA	-10,0661619	-0,077	0,295
CHR8	2556474	CHR8:2556474	SSF x Far_LoA	-8,56454265	0,003	0,313
CHR8	2556512	CHR8:2556512	SSF x Far_LoA	-9,89744361	-0,074	0,303
CHR8	2556555	CHR8:2556555	SSF x Far_LoA	-8,25555661	-0,068	0,301
CHR8	25589367	CHR8:25589367	SSF x Far_LoA	-7,78023197	0,076	0,307
CHR8	2560616	CHR8:2560616	SSF x Far_LoA	-9,57348165	-0,117	0,321
CHR8	2560660	CHR8:2560660	SSF x Far_LoA	-9,4288216	0,019	0,325
CHR8	2562385	CHR8:2562385	SSF x Far_LoA	-8,01365798	-0,076	0,306
CHR8	2562392	CHR8:2562392	SSF x Far_LoA	-7,93664017	-0,099	0,305
CHR8	2562396	CHR8:2562396	SSF x Far_LoA	-8,68523564	-0,082	0,289
CHR8	25632756	CHR8:25632756	SSF x Far_LoA	-8,23899256	-0,126	0,309
CHR8	25643681	CHR8:25643681	SSF x Far_LoA	-10,1815993	0,018	0,308
CHR8	25646128	CHR8:25646128	SSF x Far_LoA	-9,03111679	0,014	0,323
CHR8	25646988	CHR8:25646988	SSF x Far_LoA	-11,4361171	0,019	0,292
CHR8	25647081	CHR8:25647081	SSF x Far_LoA	-9,32117228	-0,053	0,316
CHR8	25648258	CHR8:25648258	SSF x Far_LoA	-4,60171486	-0,082	0,311
CHR8	25648989	CHR8:25648989	SSF x Far_LoA	-8,9431684	0,071	0,299
CHR8	25659880	CHR8:25659880	SSF x Far_LoA	-8,2130688	0,061	0,301
CHR8	25659933	CHR8:25659933	SSF x Far_LoA	-10,7538052	-0,032	0,312
CHR8	25660003	CHR8:25660003	SSF x Far_LoA	-8,74818772	-0,106	0,308
CHR8	25660026	CHR8:25660026	SSF x Far_LoA	-8,13462736	-0,022	0,293
CHR8	25677668	CHR8:25677668	SSF x Far_LoA	-6,87357884	0,139	0,299
CHR8	25678009	CHR8:25678009	SSF x Far_LoA	-8,07877497	0,102	0,303
CHR8	25686164	CHR8:25686164	SSF x Far_LoA	-10,2442429	0,071	0,291
CHR8	25693122	CHR8:25693122	SSF x Far_LoA	-11,0962928	-0,020	0,305
CHR8	25693277	CHR8:25693277	SSF x Far_LoA	-11,0457849	-0,124	0,294
CHR8	25693354	CHR8:25693354	SSF x Far_LoA	-8,34515649	-0,002	0,312
CHR8	2570699	CHR8:2570699	SSF x Far_LoA	-6,62379626	-0,077	0,295
CHR8	2570757	CHR8:2570757	SSF x Far_LoA	-8,79240742	-0,015	0,310
CHR8	2570832	CHR8:2570832	SSF x Far_LoA	-11,2493051	0,021	0,295
CHR8	25708689	CHR8:25708689	SSF x Far_LoA	-6,21298403	0,005	0,303
CHR8	25708765	CHR8:25708765	SSF x Far_LoA	-10,0505524	0,011	0,309
CHR8	25708795	CHR8:25708795	SSF x Far_LoA	-9,05835118	0,019	0,314
CHR8	25708822	CHR8:25708822	SSF x Far_LoA	-8,90002414	-0,019	0,312
CHR8	2570960	CHR8:2570960	SSF x Far_LoA	-9,63084344	0,080	0,305
CHR8	25722201	CHR8:25722201	SSF x Far_LoA	-10,5614005	-0,095	0,311
CHR8	25722203	CHR8:25722203	SSF x Far_LoA	-7,28888638	-0,091	0,310
CHR8	25722260	CHR8:25722260	SSF x Far_LoA	-7,89677599	-0,125	0,314
CHR8	25773846	CHR8:25773846	SSF x Far_LoA	-9,89434291	-0,012	0,307
CHR8	2580501	CHR8:2580501	SSF x Far_LoA	-9,04063797	-0,092	0,311
CHR8	2580768	CHR8:2580768	SSF x Far_LoA	-8,27085428	-0,146	0,298
CHR8	25839897	CHR8:25839897	SSF x Far_LoA	-11,549042	0,041	0,310
CHR8	25839943	CHR8:25839943	SSF x Far_LoA	-11,5616516	-0,088	0,306
CHR8	25873346	CHR8:25873346	SSF x Far_LoA	-10,8634601	0,102	0,297
CHR8	25873374	CHR8:25873374	SSF x Far_LoA	-11,5932428	0,052	0,307

CHR8	25873390	CHR8:25873390	SSF x Far_LoA	-4,60195281	-0,051	0,290
CHR8	2587869	CHR8:2587869	SSF x Far_LoA	-8,3538393	-0,141	0,309
CHR8	25903067	CHR8:25903067	SSF x Far_LoA	-3,33565844	0,074	0,298
CHR8	25904260	CHR8:25904260	SSF x Far_LoA	-11,2174159	0,023	0,314
CHR8	25912013	CHR8:25912013	SSF x Far_LoA	-10,2170282	0,025	0,296
CHR8	25919718	CHR8:25919718	SSF x Far_LoA	-12,000575	0,012	0,294
CHR8	25927647	CHR8:25927647	SSF x Far_LoA	-7,99376186	0,000	0,331
CHR8	25927681	CHR8:25927681	SSF x Far_LoA	-9,21960485	0,039	0,303
CHR8	25927698	CHR8:25927698	SSF x Far_LoA	-10,7122848	-0,039	0,294
CHR8	25944740	CHR8:25944740	SSF x Far_LoA	-12,0222127	-0,048	0,308
CHR8	25944757	CHR8:25944757	SSF x Far_LoA	-8,81261225	0,120	0,303
CHR8	25944778	CHR8:25944778	SSF x Far_LoA	-8,07222881	0,178	0,272
CHR8	25944780	CHR8:25944780	SSF x Far_LoA	-11,5985956	0,120	0,295
CHR8	25944797	CHR8:25944797	SSF x Far_LoA	-9,30438211	-0,007	0,308
CHR8	25947037	CHR8:25947037	SSF x Far_LoA	-7,43926671	-0,125	0,301
CHR8	25947082	CHR8:25947082	SSF x Far_LoA	-8,2222904	0,041	0,313
CHR8	25947122	CHR8:25947122	SSF x Far_LoA	-9,6487642	0,042	0,306
CHR8	25947133	CHR8:25947133	SSF x Far_LoA	-9,33521033	0,093	0,304
CHR8	25947150	CHR8:25947150	SSF x Far_LoA	-9,53695505	0,097	0,284
CHR8	25947245	CHR8:25947245	SSF x Far_LoA	-9,53564299	-0,068	0,323
CHR8	25962786	CHR8:25962786	SSF x Far_LoA	-8,93498014	-0,038	0,311
CHR8	25962815	CHR8:25962815	SSF x Far_LoA	-8,62238527	0,010	0,310
CHR8	25962938	CHR8:25962938	SSF x Far_LoA	-8,63282031	0,037	0,304
CHR8	25966027	CHR8:25966027	SSF x Far_LoA	-12,1799264	0,023	0,299
CHR8	25966081	CHR8:25966081	SSF x Far_LoA	-9,40307844	-0,132	0,312
CHR8	25966082	CHR8:25966082	SSF x Far_LoA	-9,26682478	-0,126	0,322
CHR8	25981716	CHR8:25981716	SSF x Far_LoA	-10,2947641	0,000	0,311
CHR8	25998556	CHR8:25998556	SSF x Far_LoA	-9,60374587	-0,018	0,305
CHR8	25998560	CHR8:25998560	SSF x Far_LoA	-8,93855835	0,001	0,309
CHR8	25998576	CHR8:25998576	SSF x Far_LoA	-11,6989478	-0,070	0,295
CHR8	25998613	CHR8:25998613	SSF x Far_LoA	-7,4368096	-0,173	0,299
CHR8	25998631	CHR8:25998631	SSF x Far_LoA	-10,8986124	0,045	0,302
CHR8	26001551	CHR8:26001551	SSF x Far_LoA	-9,46053454	-0,091	0,287
CHR8	26001557	CHR8:26001557	SSF x Far_LoA	-7,50518042	-0,005	0,304
CHR8	26001684	CHR8:26001684	SSF x Far_LoA	-8,40880671	0,064	0,302
CHR8	26010338	CHR8:26010338	SSF x Far_LoA	-8,59940276	-0,018	0,317
CHR8	26014388	CHR8:26014388	SSF x Far_LoA	-4,80380041	-0,081	0,299
CHR8	26014451	CHR8:26014451	SSF x Far_LoA	-9,69267059	0,158	0,275
CHR8	26014639	CHR8:26014639	SSF x Far_LoA	-11,4972029	0,025	0,288
CHR8	26029246	CHR8:26029246	SSF x Far_LoA	-9,76901761	-0,010	0,309
CHR8	26029258	CHR8:26029258	SSF x Far_LoA	-9,24504117	-0,043	0,308
CHR8	26032096	CHR8:26032096	SSF x Far_LoA	-9,05610864	-0,021	0,304
CHR8	26045218	CHR8:26045218	SSF x Far_LoA	-7,88673404	0,058	0,301
CHR8	26046674	CHR8:26046674	SSF x Far_LoA	-9,10378612	-0,072	0,322
CHR8	26046676	CHR8:26046676	SSF x Far_LoA	-9,01190192	0,105	0,311
CHR8	26050940	CHR8:26050940	SSF x Far_LoA	-11,5501241	-0,066	0,301
CHR8	26050968	CHR8:26050968	SSF x Far_LoA	-9,50424449	0,015	0,306
CHR8	26051005	CHR8:26051005	SSF x Far_LoA	-8,65152341	-0,070	0,312
CHR8	26051019	CHR8:26051019	SSF x Far_LoA	-10,4302751	-0,110	0,289
CHR8	26054888	CHR8:26054888	SSF x Far_LoA	-9,0389085	0,001	0,310
CHR8	26054926	CHR8:26054926	SSF x Far_LoA	-10,1752532	0,086	0,309
CHR8	26071196	CHR8:26071196	SSF x Far_LoA	-9,27799318	-0,071	0,312
CHR8	26071358	CHR8:26071358	SSF x Far_LoA	-7,68552971	-0,124	0,303

CHR8	26071362	CHR8:26071362	SSF x Far_LoA	-9,20122058	0,119	0,311
CHR8	26071429	CHR8:26071429	SSF x Far_LoA	-8,84597206	0,151	0,304
CHR8	26071446	CHR8:26071446	SSF x Far_LoA	-11,267493	0,076	0,303
CHR8	26071457	CHR8:26071457	SSF x Far_LoA	-7,79462818	-0,044	0,308
CHR8	26071475	CHR8:26071475	SSF x Far_LoA	-8,9861772	0,049	0,308
CHR8	26080974	CHR8:26080974	SSF x Far_LoA	-11,1135587	-0,079	0,290
CHR8	2608439	CHR8:2608439	SSF x Far_LoA	-10,5382659	0,045	0,311
CHR8	2608497	CHR8:2608497	SSF x Far_LoA	0,33229567	-0,044	0,314
CHR8	2608547	CHR8:2608547	SSF x Far_LoA	-7,82535358	0,043	0,317
CHR8	2608564	CHR8:2608564	SSF x Far_LoA	-6,08526609	0,198	0,303
CHR8	26115079	CHR8:26115079	SSF x Far_LoA	-10,1427211	-0,046	0,310
CHR8	26116963	CHR8:26116963	SSF x Far_LoA	-8,56348128	0,128	0,298
CHR8	26116985	CHR8:26116985	SSF x Far_LoA	4,94498436	-0,013	0,301
CHR8	26117013	CHR8:26117013	SSF x Far_LoA	-11,5034315	0,033	0,322
CHR8	2612659	CHR8:2612659	SSF x Far_LoA	-10,0882157	0,025	0,309
CHR8	2612818	CHR8:2612818	SSF x Far_LoA	-10,0613008	0,137	0,299
CHR8	2612834	CHR8:2612834	SSF x Far_LoA	-8,06654816	-0,129	0,313
CHR8	2612841	CHR8:2612841	SSF x Far_LoA	-7,39218879	0,095	0,303
CHR8	26134137	CHR8:26134137	SSF x Far_LoA	-11,6766822	0,020	0,299
CHR8	26144220	CHR8:26144220	SSF x Far_LoA	-10,582182	-0,069	0,303
CHR8	26144244	CHR8:26144244	SSF x Far_LoA	-8,69723078	-0,090	0,305
CHR8	26144266	CHR8:26144266	SSF x Far_LoA	-8,06454071	0,060	0,307
CHR8	2614559	CHR8:2614559	SSF x Far_LoA	-11,3194453	-0,031	0,307
CHR8	26161111	CHR8:26161111	SSF x Far_LoA	-10,7240539	0,041	0,305
CHR8	26161147	CHR8:26161147	SSF x Far_LoA	-8,1492771	-0,081	0,306
CHR8	26162829	CHR8:26162829	SSF x Far_LoA	-5,74988741	-0,129	0,308
CHR8	26178853	CHR8:26178853	SSF x Far_LoA	-7,94546462	0,056	0,305
CHR8	26191978	CHR8:26191978	SSF x Far_LoA	-11,0497721	0,126	0,300
CHR8	26201286	CHR8:26201286	SSF x Far_LoA	-7,31395822	-0,003	0,297
CHR8	26201306	CHR8:26201306	SSF x Far_LoA	-9,5357963	0,006	0,300
CHR8	262169	CHR8:262169	SSF x Far_LoA	-8,62499495	-0,040	0,317
CHR8	262196	CHR8:262196	SSF x Far_LoA	-11,0797253	-0,003	0,300
CHR8	26225861	CHR8:26225861	SSF x Far_LoA	-9,75353557	-0,054	0,297
CHR8	26225958	CHR8:26225958	SSF x Far_LoA	-5,21478494	-0,015	0,304
CHR8	26230925	CHR8:26230925	SSF x Far_LoA	-11,5183467	0,090	0,305
CHR8	2623331	CHR8:2623331	SSF x Far_LoA	-9,87059661	-0,102	0,303
CHR8	2623468	CHR8:2623468	SSF x Far_LoA	-6,99358335	-0,087	0,315
CHR8	2623470	CHR8:2623470	SSF x Far_LoA	-7,22025597	-0,135	0,301
CHR8	2623485	CHR8:2623485	SSF x Far_LoA	-7,96231325	0,116	0,316
CHR8	2623498	CHR8:2623498	SSF x Far_LoA	-8,3806211	0,028	0,316
CHR8	2623499	CHR8:2623499	SSF x Far_LoA	-9,23709727	0,054	0,305
CHR8	2623523	CHR8:2623523	SSF x Far_LoA	-6,89831906	-0,086	0,314
CHR8	2623541	CHR8:2623541	SSF x Far_LoA	-9,16904597	-0,077	0,311
CHR8	2623563	CHR8:2623563	SSF x Far_LoA	3,14084838	-0,120	0,310
CHR8	2623564	CHR8:2623564	SSF x Far_LoA	-7,94371001	0,004	0,305
CHR8	26293981	CHR8:26293981	SSF x Far_LoA	-9,38385361	0,032	0,321
CHR8	26294002	CHR8:26294002	SSF x Far_LoA	-8,38927065	0,102	0,306
CHR8	26295701	CHR8:26295701	SSF x Far_LoA	-8,14615278	-0,081	0,309
CHR8	26305192	CHR8:26305192	SSF x Far_LoA	-11,0703647	0,059	0,302
CHR8	26305337	CHR8:26305337	SSF x Far_LoA	-6,50531111	0,128	0,306
CHR8	26308301	CHR8:26308301	SSF x Far_LoA	-11,3006761	-0,025	0,312
CHR8	26317057	CHR8:26317057	SSF x Far_LoA	-8,29333137	0,116	0,286
CHR8	26317108	CHR8:26317108	SSF x Far_LoA	-9,53384724	-0,110	0,302

CHR8	26322337	CHR8:26322337	SSF x Far_LoA	-8,86154961	-0,094	0,291
CHR8	26334322	CHR8:26334322	SSF x Far_LoA	-10,1175535	-0,059	0,313
CHR8	26335964	CHR8:26335964	SSF x Far_LoA	-4,280642	-0,024	0,321
CHR8	2634122	CHR8:2634122	SSF x Far_LoA	-11,3381633	-0,020	0,306
CHR8	26342661	CHR8:26342661	SSF x Far_LoA	-9,24489958	0,025	0,296
CHR8	26355313	CHR8:26355313	SSF x Far_LoA	-9,22727272	-0,058	0,318
CHR8	26437670	CHR8:26437670	SSF x Far_LoA	-9,71678162	-0,098	0,314
CHR8	26437721	CHR8:26437721	SSF x Far_LoA	-8,4304482	-0,121	0,308
CHR8	26437892	CHR8:26437892	SSF x Far_LoA	-4,29157361	0,045	0,320
CHR8	26444184	CHR8:26444184	SSF x Far_LoA	-9,31655162	-0,007	0,310
CHR8	26444251	CHR8:26444251	SSF x Far_LoA	-9,69481952	0,061	0,308
CHR8	26444294	CHR8:26444294	SSF x Far_LoA	-11,8130845	0,048	0,306
CHR8	26444323	CHR8:26444323	SSF x Far_LoA	-7,62442198	-0,149	0,307
CHR8	26444341	CHR8:26444341	SSF x Far_LoA	-10,6977652	0,023	0,308
CHR8	26444437	CHR8:26444437	SSF x Far_LoA	-10,0756261	-0,124	0,304
CHR8	26448720	CHR8:26448720	SSF x Far_LoA	-7,69847857	0,070	0,309
CHR8	26453509	CHR8:26453509	SSF x Far_LoA	-7,36736104	0,158	0,309
CHR8	26453572	CHR8:26453572	SSF x Far_LoA	-7,51005546	0,121	0,310
CHR8	26459650	CHR8:26459650	SSF x Far_LoA	-7,27168526	0,022	0,302
CHR8	26462813	CHR8:26462813	SSF x Far_LoA	-8,76959359	-0,053	0,291
CHR8	26472636	CHR8:26472636	SSF x Far_LoA	-9,02094253	0,107	0,286
CHR8	26496097	CHR8:26496097	SSF x Far_LoA	-8,39820459	-0,102	0,294
CHR8	26496311	CHR8:26496311	SSF x Far_LoA	-11,1306652	0,092	0,300
CHR8	26496341	CHR8:26496341	SSF x Far_LoA	-9,38074753	0,007	0,299
CHR8	26501513	CHR8:26501513	SSF x Far_LoA	-10,1568994	-0,014	0,310
CHR8	26501531	CHR8:26501531	SSF x Far_LoA	-8,76625189	0,037	0,308
CHR8	26501552	CHR8:26501552	SSF x Far_LoA	-8,49978412	0,140	0,305
CHR8	26501560	CHR8:26501560	SSF x Far_LoA	-9,63513712	-0,113	0,306
CHR8	26501641	CHR8:26501641	SSF x Far_LoA	-4,47443492	-0,080	0,307
CHR8	26501656	CHR8:26501656	SSF x Far_LoA	-7,06479288	0,151	0,302
CHR8	26501734	CHR8:26501734	SSF x Far_LoA	-11,0897465	0,070	0,304
CHR8	26507035	CHR8:26507035	SSF x Far_LoA	-7,73465883	0,061	0,302
CHR8	26518577	CHR8:26518577	SSF x Far_LoA	-11,3024443	0,028	0,311
CHR8	26519477	CHR8:26519477	SSF x Far_LoA	-5,02306611	0,037	0,312
CHR8	26519496	CHR8:26519496	SSF x Far_LoA	-7,88483267	0,032	0,306
CHR8	26519501	CHR8:26519501	SSF x Far_LoA	-9,38103105	0,082	0,307
CHR8	26519526	CHR8:26519526	SSF x Far_LoA	-11,0571152	0,016	0,306
CHR8	26519653	CHR8:26519653	SSF x Far_LoA	-8,02211982	0,092	0,308
CHR8	26519660	CHR8:26519660	SSF x Far_LoA	-7,74818107	0,148	0,296
CHR8	26530102	CHR8:26530102	SSF x Far_LoA	-9,26397351	-0,077	0,319
CHR8	26530167	CHR8:26530167	SSF x Far_LoA	-7,51853286	0,047	0,311
CHR8	26530207	CHR8:26530207	SSF x Far_LoA	-9,59949893	0,167	0,291
CHR8	26530337	CHR8:26530337	SSF x Far_LoA	-6,8849468	-0,152	0,301
CHR8	26530373	CHR8:26530373	SSF x Far_LoA	-8,95649681	-0,112	0,307
CHR8	26530403	CHR8:26530403	SSF x Far_LoA	-8,27051079	-0,093	0,314
CHR8	26534899	CHR8:26534899	SSF x Far_LoA	-10,7472181	-0,026	0,305
CHR8	2653925	CHR8:2653925	SSF x Far_LoA	-7,88292852	-0,004	0,320
CHR8	26541373	CHR8:26541373	SSF x Far_LoA	-11,2062627	-0,054	0,302
CHR8	26541542	CHR8:26541542	SSF x Far_LoA	-4,7304128	0,063	0,308
CHR8	26541564	CHR8:26541564	SSF x Far_LoA	-10,5584203	-0,103	0,299
CHR8	2654160	CHR8:2654160	SSF x Far_LoA	-9,13482125	-0,020	0,319
CHR8	2654186	CHR8:2654186	SSF x Far_LoA	-9,74420287	0,036	0,320
CHR8	26544998	CHR8:26544998	SSF x Far_LoA	-6,11037072	0,046	0,311

CHR8	26563331	CHR8:26563331	SSF x Far_LoA	-8,75728676	-0,066	0,307
CHR8	26565455	CHR8:26565455	SSF x Far_LoA	-10,3718556	-0,116	0,306
CHR8	26569057	CHR8:26569057	SSF x Far_LoA	-10,030748	-0,022	0,293
CHR8	26569058	CHR8:26569058	SSF x Far_LoA	-10,1219501	-0,014	0,303
CHR8	26575364	CHR8:26575364	SSF x Far_LoA	-12,3624633	0,018	0,288
CHR8	26577527	CHR8:26577527	SSF x Far_LoA	-8,42110105	-0,072	0,306
CHR8	26577528	CHR8:26577528	SSF x Far_LoA	-10,2685641	-0,047	0,312
CHR8	26577577	CHR8:26577577	SSF x Far_LoA	-11,5958689	-0,029	0,294
CHR8	26577589	CHR8:26577589	SSF x Far_LoA	-10,8731123	0,029	0,319
CHR8	26577724	CHR8:26577724	SSF x Far_LoA	-9,04259309	-0,113	0,313
CHR8	26582564	CHR8:26582564	SSF x Far_LoA	-8,45493923	-0,091	0,312
CHR8	2658264	CHR8:2658264	SSF x Far_LoA	-10,8253801	-0,064	0,301
CHR8	26582854	CHR8:26582854	SSF x Far_LoA	-9,25875722	-0,106	0,300
CHR8	26634830	CHR8:26634830	SSF x Far_LoA	-9,85069153	-0,097	0,315
CHR8	26641944	CHR8:26641944	SSF x Far_LoA	-10,7746029	-0,013	0,318
CHR8	26645352	CHR8:26645352	SSF x Far_LoA	-9,74381246	-0,037	0,306
CHR8	26645370	CHR8:26645370	SSF x Far_LoA	-9,58778706	-0,044	0,300
CHR8	26645502	CHR8:26645502	SSF x Far_LoA	-11,1151544	-0,009	0,315
CHR8	26654782	CHR8:26654782	SSF x Far_LoA	-1,28542108	-0,196	0,304
CHR8	26655510	CHR8:26655510	SSF x Far_LoA	-7,87638095	-0,163	0,305
CHR8	26655512	CHR8:26655512	SSF x Far_LoA	-10,6264318	-0,006	0,306
CHR8	26655540	CHR8:26655540	SSF x Far_LoA	-10,3883092	0,029	0,315
CHR8	26656493	CHR8:26656493	SSF x Far_LoA	-6,82104982	-0,163	0,299
CHR8	26656496	CHR8:26656496	SSF x Far_LoA	-6,75494008	-0,191	0,298
CHR8	26663070	CHR8:26663070	SSF x Far_LoA	-8,05742801	-0,015	0,319
CHR8	26663087	CHR8:26663087	SSF x Far_LoA	-8,54351335	-0,025	0,302
CHR8	26663115	CHR8:26663115	SSF x Far_LoA	-9,3395784	0,075	0,297
CHR8	26663146	CHR8:26663146	SSF x Far_LoA	-3,17128836	-0,136	0,288
CHR8	26675606	CHR8:26675606	SSF x Far_LoA	-9,95443482	-0,055	0,314
CHR8	26675880	CHR8:26675880	SSF x Far_LoA	-10,8044896	0,025	0,315
CHR8	26677567	CHR8:26677567	SSF x Far_LoA	-7,84549553	-0,079	0,301
CHR8	26677586	CHR8:26677586	SSF x Far_LoA	-9,06736116	-0,052	0,303
CHR8	26677637	CHR8:26677637	SSF x Far_LoA	-10,1687604	-0,096	0,306
CHR8	26677720	CHR8:26677720	SSF x Far_LoA	-8,80901581	0,031	0,304
CHR8	26684154	CHR8:26684154	SSF x Far_LoA	-8,17611983	-0,074	0,298
CHR8	26684390	CHR8:26684390	SSF x Far_LoA	-6,55585822	0,047	0,307
CHR8	26692203	CHR8:26692203	SSF x Far_LoA	-9,45429689	0,054	0,306
CHR8	26692257	CHR8:26692257	SSF x Far_LoA	-6,68936061	-0,025	0,321
CHR8	26692261	CHR8:26692261	SSF x Far_LoA	-8,44217034	-0,044	0,302
CHR8	26692973	CHR8:26692973	SSF x Far_LoA	-7,28736331	0,069	0,297
CHR8	26694781	CHR8:26694781	SSF x Far_LoA	-8,14624536	-0,033	0,297
CHR8	26694787	CHR8:26694787	SSF x Far_LoA	-8,55152211	-0,009	0,310
CHR8	26694798	CHR8:26694798	SSF x Far_LoA	-8,32522107	-0,081	0,308
CHR8	26698409	CHR8:26698409	SSF x Far_LoA	-8,37577181	-0,160	0,299
CHR8	26709301	CHR8:26709301	SSF x Far_LoA	-7,84473102	-0,027	0,313
CHR8	26709305	CHR8:26709305	SSF x Far_LoA	-11,7026256	-0,019	0,305
CHR8	26709321	CHR8:26709321	SSF x Far_LoA	-12,0365257	0,012	0,303
CHR8	26709324	CHR8:26709324	SSF x Far_LoA	-11,1657593	0,023	0,302
CHR8	26709325	CHR8:26709325	SSF x Far_LoA	-10,6617357	-0,013	0,304
CHR8	26709344	CHR8:26709344	SSF x Far_LoA	-8,91476134	-0,033	0,311
CHR8	26709408	CHR8:26709408	SSF x Far_LoA	-8,19570388	-0,036	0,311
CHR8	26709424	CHR8:26709424	SSF x Far_LoA	-9,37918567	-0,007	0,316
CHR8	26715324	CHR8:26715324	SSF x Far_LoA	-9,8445027	0,123	0,302

CHR8	26720141	CHR8:26720141	SSF x Far_LoA	-6,15865021	-0,160	0,298
CHR8	26720197	CHR8:26720197	SSF x Far_LoA	-7,34654634	0,033	0,317
CHR8	26729619	CHR8:26729619	SSF x Far_LoA	-10,331786	0,030	0,310
CHR8	26729712	CHR8:26729712	SSF x Far_LoA	-10,5840369	-0,062	0,302
CHR8	26729714	CHR8:26729714	SSF x Far_LoA	-10,8475005	-0,061	0,308
CHR8	26729818	CHR8:26729818	SSF x Far_LoA	-9,90377869	0,037	0,308
CHR8	2673734	CHR8:2673734	SSF x Far_LoA	-11,2642491	-0,012	0,302
CHR8	2673743	CHR8:2673743	SSF x Far_LoA	-10,7287927	0,027	0,296
CHR8	2673803	CHR8:2673803	SSF x Far_LoA	-12,051684	-0,001	0,299
CHR8	2673826	CHR8:2673826	SSF x Far_LoA	-11,143186	0,069	0,305
CHR8	2673828	CHR8:2673828	SSF x Far_LoA	-7,7036481	0,008	0,306
CHR8	2673945	CHR8:2673945	SSF x Far_LoA	3,02917338	-0,021	0,301
CHR8	2673972	CHR8:2673972	SSF x Far_LoA	-7,56570835	-0,074	0,308
CHR8	2673984	CHR8:2673984	SSF x Far_LoA	-9,13971176	-0,061	0,299
CHR8	2674005	CHR8:2674005	SSF x Far_LoA	-10,3911081	0,088	0,307
CHR8	2674897	CHR8:2674897	SSF x Far_LoA	-7,53513125	0,180	0,299
CHR8	26750881	CHR8:26750881	SSF x Far_LoA	-7,80312877	0,105	0,310
CHR8	26783193	CHR8:26783193	SSF x Far_LoA	-8,9455147	-0,005	0,313
CHR8	26783249	CHR8:26783249	SSF x Far_LoA	-10,5461189	-0,055	0,307
CHR8	26789405	CHR8:26789405	SSF x Far_LoA	-8,42715842	0,077	0,312
CHR8	26823029	CHR8:26823029	SSF x Far_LoA	-8,64501505	0,037	0,305
CHR8	2683525	CHR8:2683525	SSF x Far_LoA	-7,62210526	-0,099	0,286
CHR8	26837588	CHR8:26837588	SSF x Far_LoA	-8,98487483	0,029	0,308
CHR8	2684060	CHR8:2684060	SSF x Far_LoA	-11,2697907	-0,039	0,295
CHR8	2714267	CHR8:2714267	SSF x Far_LoA	-10,1463741	-0,061	0,303
CHR8	2714547	CHR8:2714547	SSF x Far_LoA	-10,5984254	-0,042	0,315
CHR8	2714580	CHR8:2714580	SSF x Far_LoA	-9,98037852	-0,033	0,314
CHR8	2718939	CHR8:2718939	SSF x Far_LoA	-11,7073561	-0,041	0,295
CHR8	2719044	CHR8:2719044	SSF x Far_LoA	-5,63487126	-0,160	0,294
CHR8	2722568	CHR8:2722568	SSF x Far_LoA	-5,10412028	-0,101	0,285
CHR8	2722611	CHR8:2722611	SSF x Far_LoA	-5,6055482	0,143	0,303
CHR8	2722684	CHR8:2722684	SSF x Far_LoA	-10,6405692	-0,036	0,314
CHR8	2727158	CHR8:2727158	SSF x Far_LoA	-8,41734673	-0,175	0,296
CHR8	2727190	CHR8:2727190	SSF x Far_LoA	-8,2008199	0,134	0,296
CHR8	2727233	CHR8:2727233	SSF x Far_LoA	-11,7342882	0,001	0,308
CHR8	2727315	CHR8:2727315	SSF x Far_LoA	-8,6584373	0,097	0,306
CHR8	2727404	CHR8:2727404	SSF x Far_LoA	-6,85463219	0,154	0,291
CHR8	2748919	CHR8:2748919	SSF x Far_LoA	-9,01720648	0,073	0,307
CHR8	2749092	CHR8:2749092	SSF x Far_LoA	-7,95401202	-0,065	0,306
CHR8	2761292	CHR8:2761292	SSF x Far_LoA	-9,2061036	0,025	0,326
CHR8	2761370	CHR8:2761370	SSF x Far_LoA	-10,3367171	0,026	0,320
CHR8	2763449	CHR8:2763449	SSF x Far_LoA	-10,9987918	-0,096	0,305
CHR8	2763463	CHR8:2763463	SSF x Far_LoA	-10,8978416	-0,012	0,309
CHR8	2763677	CHR8:2763677	SSF x Far_LoA	-9,12386269	0,116	0,304
CHR8	2766042	CHR8:2766042	SSF x Far_LoA	-10,7913967	-0,027	0,307
CHR8	2766055	CHR8:2766055	SSF x Far_LoA	-10,7278975	-0,009	0,330
CHR8	2766082	CHR8:2766082	SSF x Far_LoA	-9,55667965	0,056	0,317
CHR8	2778935	CHR8:2778935	SSF x Far_LoA	-7,533454	-0,151	0,305
CHR8	2790395	CHR8:2790395	SSF x Far_LoA	-9,50762248	-0,042	0,318
CHR8	2790437	CHR8:2790437	SSF x Far_LoA	-10,1132194	0,012	0,315
CHR8	2790453	CHR8:2790453	SSF x Far_LoA	-11,4251024	-0,065	0,304
CHR8	2790455	CHR8:2790455	SSF x Far_LoA	-8,1425457	0,051	0,313
CHR8	2791919	CHR8:2791919	SSF x Far_LoA	-8,67737038	-0,062	0,324

CHR8	2791977	CHR8:2791977	SSF x Far_LoA	-10,7805221	-0,058	0,300
CHR8	279372	CHR8:279372	SSF x Far_LoA	-8,65175019	-0,057	0,309
CHR8	279422	CHR8:279422	SSF x Far_LoA	-8,47578678	-0,091	0,316
CHR8	2799563	CHR8:2799563	SSF x Far_LoA	-7,71685169	-0,179	0,310
CHR8	2799586	CHR8:2799586	SSF x Far_LoA	-8,97467839	0,076	0,308
CHR8	2802105	CHR8:2802105	SSF x Far_LoA	-9,52133689	0,133	0,292
CHR8	2802111	CHR8:2802111	SSF x Far_LoA	-9,66368524	0,013	0,315
CHR8	2816057	CHR8:2816057	SSF x Far_LoA	-11,7095536	-0,010	0,304
CHR8	2816273	CHR8:2816273	SSF x Far_LoA	-10,7078707	-0,056	0,294
CHR8	2816360	CHR8:2816360	SSF x Far_LoA	-12,2327789	0,008	0,306
CHR8	2816361	CHR8:2816361	SSF x Far_LoA	-6,81200975	0,114	0,304
CHR8	2821198	CHR8:2821198	SSF x Far_LoA	-9,06355658	0,104	0,305
CHR8	2821207	CHR8:2821207	SSF x Far_LoA	-10,2087749	0,107	0,295
CHR8	2821208	CHR8:2821208	SSF x Far_LoA	-10,0756125	0,079	0,299
CHR8	2821264	CHR8:2821264	SSF x Far_LoA	-9,47495711	0,083	0,310
CHR8	2821357	CHR8:2821357	SSF x Far_LoA	-10,1553806	0,096	0,310
CHR8	2821441	CHR8:2821441	SSF x Far_LoA	-9,73450866	0,037	0,312
CHR8	2821517	CHR8:2821517	SSF x Far_LoA	-11,5555416	0,001	0,309
CHR8	2821521	CHR8:2821521	SSF x Far_LoA	-10,1922364	-0,002	0,325
CHR8	283083	CHR8:283083	SSF x Far_LoA	-7,19030305	0,054	0,311
CHR8	2830955	CHR8:2830955	SSF x Far_LoA	-9,32873845	-0,031	0,315
CHR8	283152	CHR8:283152	SSF x Far_LoA	-8,26399652	0,094	0,298
CHR8	2834417	CHR8:2834417	SSF x Far_LoA	-10,3093225	-0,040	0,300
CHR8	2834445	CHR8:2834445	SSF x Far_LoA	-8,11007156	-0,047	0,286
CHR8	2834588	CHR8:2834588	SSF x Far_LoA	-9,16174535	-0,082	0,300
CHR8	2839653	CHR8:2839653	SSF x Far_LoA	-9,05377001	-0,112	0,302
CHR8	2839810	CHR8:2839810	SSF x Far_LoA	0,93746972	-0,048	0,307
CHR8	2847977	CHR8:2847977	SSF x Far_LoA	-7,37881117	-0,108	0,306
CHR8	2848025	CHR8:2848025	SSF x Far_LoA	-7,71749565	-0,136	0,310
CHR8	2850092	CHR8:2850092	SSF x Far_LoA	-11,4075158	0,034	0,301
CHR8	2853122	CHR8:2853122	SSF x Far_LoA	-10,8616107	-0,114	0,301
CHR8	2853341	CHR8:2853341	SSF x Far_LoA	-10,9758787	0,083	0,302
CHR8	2866337	CHR8:2866337	SSF x Far_LoA	-8,53450931	-0,167	0,301
CHR8	2868465	CHR8:2868465	SSF x Far_LoA	-10,3424561	-0,045	0,297
CHR8	2868484	CHR8:2868484	SSF x Far_LoA	-6,26371152	-0,048	0,310
CHR8	2868497	CHR8:2868497	SSF x Far_LoA	-9,2744865	-0,055	0,304
CHR8	2872252	CHR8:2872252	SSF x Far_LoA	-12,1372406	-0,008	0,308
CHR8	2872441	CHR8:2872441	SSF x Far_LoA	-7,31776227	0,192	0,287
CHR8	2875764	CHR8:2875764	SSF x Far_LoA	-8,65100151	-0,005	0,305
CHR8	2875889	CHR8:2875889	SSF x Far_LoA	-9,79967576	-0,047	0,309
CHR8	2875927	CHR8:2875927	SSF x Far_LoA	-9,72347162	0,081	0,307
CHR8	2875934	CHR8:2875934	SSF x Far_LoA	-9,85777988	-0,032	0,304
CHR8	2880605	CHR8:2880605	SSF x Far_LoA	-7,51350429	0,137	0,294
CHR8	2880617	CHR8:2880617	SSF x Far_LoA	-8,81251245	0,041	0,305
CHR8	2880629	CHR8:2880629	SSF x Far_LoA	-6,53029676	0,113	0,302
CHR8	2880662	CHR8:2880662	SSF x Far_LoA	-5,06112324	0,120	0,307
CHR8	288122	CHR8:288122	SSF x Far_LoA	-10,5782678	-0,033	0,309
CHR8	2883208	CHR8:2883208	SSF x Far_LoA	-8,66619584	0,153	0,304
CHR8	2883218	CHR8:2883218	SSF x Far_LoA	-10,3799892	0,004	0,302
CHR8	2883221	CHR8:2883221	SSF x Far_LoA	-8,86174502	0,091	0,301
CHR8	2883223	CHR8:2883223	SSF x Far_LoA	-10,2337977	0,031	0,313
CHR8	2883234	CHR8:2883234	SSF x Far_LoA	-10,4422815	0,058	0,309
CHR8	2883250	CHR8:2883250	SSF x Far_LoA	-8,38244542	0,099	0,287

CHR8	2883251	CHR8:2883251	SSF x Far_LoA	-9,00349972	0,108	0,296
CHR8	2883252	CHR8:2883252	SSF x Far_LoA	-7,95429526	0,110	0,285
CHR8	2883260	CHR8:2883260	SSF x Far_LoA	-11,5738441	0,050	0,307
CHR8	2883389	CHR8:2883389	SSF x Far_LoA	-11,9367657	-0,014	0,299
CHR8	2889210	CHR8:2889210	SSF x Far_LoA	-7,72869779	0,154	0,299
CHR8	2889257	CHR8:2889257	SSF x Far_LoA	-9,9451663	-0,028	0,311
CHR8	2889298	CHR8:2889298	SSF x Far_LoA	-8,97136328	-0,084	0,294
CHR8	2889305	CHR8:2889305	SSF x Far_LoA	-9,36644765	-0,055	0,309
CHR8	2893724	CHR8:2893724	SSF x Far_LoA	-9,13180091	0,124	0,304
CHR8	2899115	CHR8:2899115	SSF x Far_LoA	-6,83136083	-0,105	0,300
CHR8	2899130	CHR8:2899130	SSF x Far_LoA	-11,3384766	-0,074	0,306
CHR8	2899206	CHR8:2899206	SSF x Far_LoA	-10,0436885	-0,009	0,312
CHR8	2899427	CHR8:2899427	SSF x Far_LoA	-8,28539135	0,045	0,311
CHR8	2899445	CHR8:2899445	SSF x Far_LoA	-6,64066547	-0,094	0,318
CHR8	2909060	CHR8:2909060	SSF x Far_LoA	-9,56484148	0,142	0,290
CHR8	2913434	CHR8:2913434	SSF x Far_LoA	-11,0923025	-0,011	0,314
CHR8	2913439	CHR8:2913439	SSF x Far_LoA	-9,61379976	-0,065	0,307
CHR8	2913497	CHR8:2913497	SSF x Far_LoA	-6,58140813	0,173	0,284
CHR8	2913579	CHR8:2913579	SSF x Far_LoA	-6,87744916	0,195	0,288
CHR8	2913629	CHR8:2913629	SSF x Far_LoA	-10,8737801	-0,060	0,307
CHR8	2917898	CHR8:2917898	SSF x Far_LoA	-10,9151733	0,043	0,299
CHR8	2917923	CHR8:2917923	SSF x Far_LoA	-5,45968796	0,040	0,324
CHR8	2918544	CHR8:2918544	SSF x Far_LoA	-12,6110906	-0,009	0,301
CHR8	2920284	CHR8:2920284	SSF x Far_LoA	-8,54680033	0,025	0,309
CHR8	2922987	CHR8:2922987	SSF x Far_LoA	-11,5444208	-0,002	0,294
CHR8	2922988	CHR8:2922988	SSF x Far_LoA	-11,6219422	-0,027	0,308
CHR8	2922990	CHR8:2922990	SSF x Far_LoA	-11,7510021	-0,036	0,293
CHR8	2923029	CHR8:2923029	SSF x Far_LoA	-9,22920014	-0,105	0,291
CHR8	2928810	CHR8:2928810	SSF x Far_LoA	-9,57868261	-0,036	0,312
CHR8	2928852	CHR8:2928852	SSF x Far_LoA	-8,55828054	0,022	0,305
CHR8	2928907	CHR8:2928907	SSF x Far_LoA	-8,73692809	-0,067	0,301
CHR8	293162	CHR8:293162	SSF x Far_LoA	-10,2948931	-0,033	0,310
CHR8	2935924	CHR8:2935924	SSF x Far_LoA	-7,63821337	0,203	0,294
CHR8	2935953	CHR8:2935953	SSF x Far_LoA	-10,4716509	-0,074	0,296
CHR8	2947112	CHR8:2947112	SSF x Far_LoA	-9,04098192	0,076	0,307
CHR8	295248	CHR8:295248	SSF x Far_LoA	-6,08620143	-0,158	0,299
CHR8	295257	CHR8:295257	SSF x Far_LoA	-9,70944778	-0,016	0,309
CHR8	2954843	CHR8:2954843	SSF x Far_LoA	-9,22607174	-0,078	0,320
CHR8	2957290	CHR8:2957290	SSF x Far_LoA	-11,3019756	0,144	0,298
CHR8	2957330	CHR8:2957330	SSF x Far_LoA	-10,0442137	-0,002	0,303
CHR8	2957451	CHR8:2957451	SSF x Far_LoA	-7,00068017	-0,202	0,306
CHR8	2972873	CHR8:2972873	SSF x Far_LoA	-12,1331671	0,005	0,311
CHR8	2973013	CHR8:2973013	SSF x Far_LoA	-9,89222222	-0,027	0,296
CHR8	2975299	CHR8:2975299	SSF x Far_LoA	-8,72757389	0,006	0,321
CHR8	2978564	CHR8:2978564	SSF x Far_LoA	-8,79150442	0,126	0,303
CHR8	2978657	CHR8:2978657	SSF x Far_LoA	-9,82004749	0,068	0,312
CHR8	2978697	CHR8:2978697	SSF x Far_LoA	-9,36581594	0,015	0,293
CHR8	2988222	CHR8:2988222	SSF x Far_LoA	-11,1362951	-0,026	0,307
CHR8	2988310	CHR8:2988310	SSF x Far_LoA	-9,34962132	-0,114	0,311
CHR8	2988362	CHR8:2988362	SSF x Far_LoA	-8,57933132	-0,070	0,307
CHR8	2988475	CHR8:2988475	SSF x Far_LoA	-9,69000903	0,064	0,293
CHR8	2990435	CHR8:2990435	SSF x Far_LoA	-10,3967024	0,021	0,308
CHR8	3007206	CHR8:3007206	SSF x Far_LoA	-10,5003959	0,036	0,311

CHR8	3007228	CHR8:3007228	SSF x Far_LoA	-6,44543793	0,099	0,298
CHR8	3007381	CHR8:3007381	SSF x Far_LoA	-4,97653985	0,194	0,292
CHR8	3007383	CHR8:3007383	SSF x Far_LoA	-5,37324834	0,202	0,297
CHR8	3007457	CHR8:3007457	SSF x Far_LoA	-8,59831372	0,078	0,318
CHR8	3011194	CHR8:3011194	SSF x Far_LoA	-10,8454247	0,144	0,306
CHR8	3011253	CHR8:3011253	SSF x Far_LoA	-8,99978335	0,101	0,302
CHR8	3011293	CHR8:3011293	SSF x Far_LoA	-10,0711439	-0,009	0,305
CHR8	3011318	CHR8:3011318	SSF x Far_LoA	-10,8954523	0,085	0,309
CHR8	3011340	CHR8:3011340	SSF x Far_LoA	-8,71172409	-0,112	0,304
CHR8	3011374	CHR8:3011374	SSF x Far_LoA	-8,46241302	0,099	0,286
CHR8	3011435	CHR8:3011435	SSF x Far_LoA	-12,2717937	-0,039	0,297
CHR8	3034494	CHR8:3034494	SSF x Far_LoA	-7,11585871	0,130	0,283
CHR8	3034660	CHR8:3034660	SSF x Far_LoA	-7,12752667	-0,071	0,299
CHR8	3034765	CHR8:3034765	SSF x Far_LoA	-10,7500703	0,052	0,317
CHR8	3043505	CHR8:3043505	SSF x Far_LoA	-4,75568733	0,031	0,319
CHR8	3043613	CHR8:3043613	SSF x Far_LoA	-10,6412293	0,022	0,323
CHR8	3059696	CHR8:3059696	SSF x Far_LoA	-8,34692388	-0,117	0,301
CHR8	3059697	CHR8:3059697	SSF x Far_LoA	-9,82954377	0,030	0,299
CHR8	3059706	CHR8:3059706	SSF x Far_LoA	-11,7834291	0,005	0,294
CHR8	3060008	CHR8:3060008	SSF x Far_LoA	-7,83683864	-0,045	0,317
CHR8	3060009	CHR8:3060009	SSF x Far_LoA	-10,5149041	-0,055	0,292
CHR8	3084216	CHR8:3084216	SSF x Far_LoA	-9,46273456	0,022	0,302
CHR8	3084279	CHR8:3084279	SSF x Far_LoA	-9,55146665	-0,025	0,305
CHR8	3091197	CHR8:3091197	SSF x Far_LoA	-7,73813749	-0,117	0,316
CHR8	3091200	CHR8:3091200	SSF x Far_LoA	-5,957049	-0,137	0,306
CHR8	3091222	CHR8:3091222	SSF x Far_LoA	-5,52352089	-0,125	0,305
CHR8	3100654	CHR8:3100654	SSF x Far_LoA	-5,45073914	-0,044	0,305
CHR8	3100678	CHR8:3100678	SSF x Far_LoA	-9,10539706	0,091	0,297
CHR8	3100680	CHR8:3100680	SSF x Far_LoA	-8,84555666	-0,042	0,291
CHR8	3100837	CHR8:3100837	SSF x Far_LoA	-9,83072327	0,090	0,315
CHR8	310876	CHR8:310876	SSF x Far_LoA	-7,35769111	0,024	0,313
CHR8	310877	CHR8:310877	SSF x Far_LoA	-8,33143902	0,005	0,302
CHR8	310901	CHR8:310901	SSF x Far_LoA	-10,0431222	-0,117	0,294
CHR8	310932	CHR8:310932	SSF x Far_LoA	-10,1119012	0,022	0,291
CHR8	310935	CHR8:310935	SSF x Far_LoA	-11,5511788	0,007	0,293
CHR8	310940	CHR8:310940	SSF x Far_LoA	-7,72809995	0,010	0,289
CHR8	310978	CHR8:310978	SSF x Far_LoA	-8,68084395	-0,125	0,293
CHR8	3112819	CHR8:3112819	SSF x Far_LoA	-10,6076467	0,104	0,299
CHR8	3112891	CHR8:3112891	SSF x Far_LoA	-10,041178	-0,060	0,319
CHR8	3112899	CHR8:3112899	SSF x Far_LoA	-10,9929571	-0,020	0,302
CHR8	3126045	CHR8:3126045	SSF x Far_LoA	-8,59317617	0,083	0,322
CHR8	3127146	CHR8:3127146	SSF x Far_LoA	-2,38525504	0,094	0,307
CHR8	3127244	CHR8:3127244	SSF x Far_LoA	-7,47763595	-0,072	0,305
CHR8	313119	CHR8:313119	SSF x Far_LoA	-9,61298466	-0,036	0,306
CHR8	3135380	CHR8:3135380	SSF x Far_LoA	-10,7941384	0,002	0,294
CHR8	3135425	CHR8:3135425	SSF x Far_LoA	-8,52764341	0,002	0,317
CHR8	3135438	CHR8:3135438	SSF x Far_LoA	-10,616195	-0,114	0,298
CHR8	3135454	CHR8:3135454	SSF x Far_LoA	-9,92646214	-0,009	0,315
CHR8	3145329	CHR8:3145329	SSF x Far_LoA	-6,91532901	-0,158	0,319
CHR8	3145333	CHR8:3145333	SSF x Far_LoA	-8,16224823	0,067	0,301
CHR8	3145380	CHR8:3145380	SSF x Far_LoA	-7,23183932	-0,128	0,310
CHR8	3145410	CHR8:3145410	SSF x Far_LoA	-5,52619113	-0,119	0,310
CHR8	3145431	CHR8:3145431	SSF x Far_LoA	-7,70764731	-0,139	0,306

CHR8	3145467	CHR8:3145467	SSF x Far_LoA	-8,68056424	0,067	0,304
CHR8	3149500	CHR8:3149500	SSF x Far_LoA	-7,55101953	-0,139	0,292
CHR8	3153832	CHR8:3153832	SSF x Far_LoA	-11,7674	-0,024	0,303
CHR8	3153873	CHR8:3153873	SSF x Far_LoA	-9,99174969	-0,051	0,322
CHR8	3158159	CHR8:3158159	SSF x Far_LoA	-9,17262295	-0,089	0,319
CHR8	3158164	CHR8:3158164	SSF x Far_LoA	-11,2678887	0,043	0,305
CHR8	3158188	CHR8:3158188	SSF x Far_LoA	-9,29019881	-0,136	0,294
CHR8	3162581	CHR8:3162581	SSF x Far_LoA	-10,8532693	0,000	0,296
CHR8	3162677	CHR8:3162677	SSF x Far_LoA	-11,003098	-0,076	0,310
CHR8	3162691	CHR8:3162691	SSF x Far_LoA	-11,4977722	0,061	0,290
CHR8	3162733	CHR8:3162733	SSF x Far_LoA	-9,5912695	-0,046	0,299
CHR8	3162753	CHR8:3162753	SSF x Far_LoA	-7,17428392	-0,153	0,302
CHR8	3176972	CHR8:3176972	SSF x Far_LoA	-9,67074174	0,136	0,299
CHR8	3177056	CHR8:3177056	SSF x Far_LoA	-9,90304588	0,018	0,294
CHR8	318302	CHR8:318302	SSF x Far_LoA	-11,2129394	0,016	0,305
CHR8	3184872	CHR8:3184872	SSF x Far_LoA	-10,1441071	-0,021	0,309
CHR8	3193646	CHR8:3193646	SSF x Far_LoA	-11,1351507	-0,109	0,310
CHR8	3193676	CHR8:3193676	SSF x Far_LoA	-9,6490561	0,029	0,314
CHR8	3199031	CHR8:3199031	SSF x Far_LoA	-7,63843001	0,106	0,314
CHR8	3199048	CHR8:3199048	SSF x Far_LoA	-9,15336689	0,042	0,305
CHR8	3207094	CHR8:3207094	SSF x Far_LoA	-10,0110296	0,120	0,296
CHR8	3207096	CHR8:3207096	SSF x Far_LoA	-8,82682937	0,069	0,316
CHR8	321308	CHR8:321308	SSF x Far_LoA	-7,81576872	-0,059	0,317
CHR8	3213660	CHR8:3213660	SSF x Far_LoA	-9,43203028	0,048	0,296
CHR8	3213721	CHR8:3213721	SSF x Far_LoA	-10,7462838	-0,051	0,302
CHR8	3213763	CHR8:3213763	SSF x Far_LoA	-9,30281004	0,153	0,305
CHR8	3213779	CHR8:3213779	SSF x Far_LoA	-8,3745641	-0,018	0,317
CHR8	3213793	CHR8:3213793	SSF x Far_LoA	-9,14833662	0,001	0,301
CHR8	3213815	CHR8:3213815	SSF x Far_LoA	-7,7714892	-0,010	0,292
CHR8	3213849	CHR8:3213849	SSF x Far_LoA	-11,8789311	-0,039	0,303
CHR8	321393	CHR8:321393	SSF x Far_LoA	-8,00484936	0,136	0,314
CHR8	3223690	CHR8:3223690	SSF x Far_LoA	-9,41476464	-0,082	0,313
CHR8	3223717	CHR8:3223717	SSF x Far_LoA	-10,3089368	-0,054	0,319
CHR8	3225920	CHR8:3225920	SSF x Far_LoA	-9,11578253	0,032	0,299
CHR8	3225926	CHR8:3225926	SSF x Far_LoA	-9,28580898	-0,015	0,287
CHR8	3226098	CHR8:3226098	SSF x Far_LoA	-9,10241432	0,015	0,310
CHR8	3226118	CHR8:3226118	SSF x Far_LoA	-8,25697653	0,015	0,311
CHR8	3226123	CHR8:3226123	SSF x Far_LoA	-7,78651097	0,028	0,315
CHR8	3226172	CHR8:3226172	SSF x Far_LoA	-9,0001164	0,102	0,291
CHR8	3227615	CHR8:3227615	SSF x Far_LoA	-11,5566467	0,041	0,315
CHR8	3242386	CHR8:3242386	SSF x Far_LoA	-9,63267317	-0,038	0,310
CHR8	3242413	CHR8:3242413	SSF x Far_LoA	-9,04615103	-0,113	0,293
CHR8	3242423	CHR8:3242423	SSF x Far_LoA	-10,6659782	-0,093	0,306
CHR8	3243215	CHR8:3243215	SSF x Far_LoA	-11,3471273	0,011	0,326
CHR8	3243243	CHR8:3243243	SSF x Far_LoA	-10,8145762	0,009	0,292
CHR8	3249297	CHR8:3249297	SSF x Far_LoA	-4,57243433	0,136	0,315
CHR8	326034	CHR8:326034	SSF x Far_LoA	-8,4762953	-0,165	0,303
CHR8	326099	CHR8:326099	SSF x Far_LoA	-9,24544592	0,035	0,314
CHR8	3261718	CHR8:3261718	SSF x Far_LoA	1,33776252	-0,165	0,302
CHR8	3261789	CHR8:3261789	SSF x Far_LoA	-10,9383431	-0,024	0,316
CHR8	3261871	CHR8:3261871	SSF x Far_LoA	-10,069569	-0,001	0,327
CHR8	3261881	CHR8:3261881	SSF x Far_LoA	-10,574256	-0,051	0,289
CHR8	326192	CHR8:326192	SSF x Far_LoA	-8,26397952	-0,079	0,300

CHR8	3263214	CHR8:3263214	SSF x Far_LoA	-9,86531624	0,046	0,307
CHR8	3274660	CHR8:3274660	SSF x Far_LoA	-7,74000389	0,037	0,320
CHR8	3274697	CHR8:3274697	SSF x Far_LoA	-10,462648	0,029	0,313
CHR8	3274778	CHR8:3274778	SSF x Far_LoA	-8,3571245	0,003	0,309
CHR8	3277201	CHR8:3277201	SSF x Far_LoA	-10,6482054	0,096	0,290
CHR8	3284607	CHR8:3284607	SSF x Far_LoA	-10,3755089	-0,018	0,307
CHR8	3284619	CHR8:3284619	SSF x Far_LoA	-9,29632415	-0,010	0,308
CHR8	3284649	CHR8:3284649	SSF x Far_LoA	-9,899159	-0,061	0,299
CHR8	3284661	CHR8:3284661	SSF x Far_LoA	-9,38203251	0,011	0,302
CHR8	3284677	CHR8:3284677	SSF x Far_LoA	-8,92249687	-0,105	0,312
CHR8	3284715	CHR8:3284715	SSF x Far_LoA	-8,14292809	0,025	0,305
CHR8	3284719	CHR8:3284719	SSF x Far_LoA	-9,28507323	0,008	0,293
CHR8	3284786	CHR8:3284786	SSF x Far_LoA	-3,34876457	0,114	0,295
CHR8	3284841	CHR8:3284841	SSF x Far_LoA	-10,7514801	0,014	0,305
CHR8	3284861	CHR8:3284861	SSF x Far_LoA	-9,53629965	0,132	0,300
CHR8	328692	CHR8:328692	SSF x Far_LoA	-10,4663202	-0,032	0,299
CHR8	328854	CHR8:328854	SSF x Far_LoA	-10,0613004	0,080	0,310
CHR8	3290874	CHR8:3290874	SSF x Far_LoA	-9,3380446	0,071	0,318
CHR8	3290921	CHR8:3290921	SSF x Far_LoA	-7,96832381	0,015	0,309
CHR8	3290952	CHR8:3290952	SSF x Far_LoA	-8,66603167	-0,115	0,307
CHR8	3290963	CHR8:3290963	SSF x Far_LoA	-9,45686756	-0,092	0,305
CHR8	3290988	CHR8:3290988	SSF x Far_LoA	-8,37042072	0,078	0,301
CHR8	3291008	CHR8:3291008	SSF x Far_LoA	-8,1995126	0,115	0,293
CHR8	3291011	CHR8:3291011	SSF x Far_LoA	16,8539202	-0,019	0,306
CHR8	3291021	CHR8:3291021	SSF x Far_LoA	-10,2290819	0,017	0,320
CHR8	32996	CHR8:32996	SSF x Far_LoA	-2,5369497	0,099	0,282
CHR8	3304546	CHR8:3304546	SSF x Far_LoA	-7,94885434	0,080	0,307
CHR8	3304763	CHR8:3304763	SSF x Far_LoA	-9,52134205	0,013	0,307
CHR8	3307308	CHR8:3307308	SSF x Far_LoA	-11,554642	0,073	0,306
CHR8	3307409	CHR8:3307409	SSF x Far_LoA	-11,4489822	-0,001	0,312
CHR8	3327335	CHR8:3327335	SSF x Far_LoA	-9,97493139	0,110	0,297
CHR8	3327406	CHR8:3327406	SSF x Far_LoA	-8,10963258	0,040	0,312
CHR8	3327440	CHR8:3327440	SSF x Far_LoA	-2,57933316	0,109	0,279
CHR8	3327452	CHR8:3327452	SSF x Far_LoA	-4,40190153	0,174	0,280
CHR8	3334644	CHR8:3334644	SSF x Far_LoA	-11,7902171	-0,115	0,299
CHR8	3334681	CHR8:3334681	SSF x Far_LoA	-10,3051021	-0,078	0,300
CHR8	3334724	CHR8:3334724	SSF x Far_LoA	-5,97187091	-0,105	0,312
CHR8	3334767	CHR8:3334767	SSF x Far_LoA	-4,73614674	0,106	0,317
CHR8	3334768	CHR8:3334768	SSF x Far_LoA	-8,29655672	0,070	0,297
CHR8	3334848	CHR8:3334848	SSF x Far_LoA	-10,9011478	-0,051	0,302
CHR8	335072	CHR8:335072	SSF x Far_LoA	-11,6379481	-0,009	0,296
CHR8	3350999	CHR8:3350999	SSF x Far_LoA	-10,726199	-0,034	0,306
CHR8	3351001	CHR8:3351001	SSF x Far_LoA	-11,0369583	-0,031	0,320
CHR8	3351776	CHR8:3351776	SSF x Far_LoA	-11,1813782	0,058	0,300
CHR8	3353237	CHR8:3353237	SSF x Far_LoA	-10,4132107	0,037	0,295
CHR8	3355333	CHR8:3355333	SSF x Far_LoA	-11,26869	0,021	0,298
CHR8	3355398	CHR8:3355398	SSF x Far_LoA	-10,4713556	-0,032	0,322
CHR8	3362555	CHR8:3362555	SSF x Far_LoA	-9,409556	0,027	0,305
CHR8	3366925	CHR8:3366925	SSF x Far_LoA	-9,98877027	-0,044	0,310
CHR8	3385432	CHR8:3385432	SSF x Far_LoA	-11,3353664	-0,048	0,303
CHR8	3385487	CHR8:3385487	SSF x Far_LoA	-11,1593944	0,002	0,312
CHR8	3385531	CHR8:3385531	SSF x Far_LoA	-9,51704419	-0,043	0,303
CHR8	3385612	CHR8:3385612	SSF x Far_LoA	-11,648699	-0,019	0,313

CHR8	3399278	CHR8:3399278	SSF x Far_LoA	-9,88107954	-0,097	0,304
CHR8	3399444	CHR8:3399444	SSF x Far_LoA	-10,9666603	-0,018	0,310
CHR8	3405279	CHR8:3405279	SSF x Far_LoA	-10,1975336	0,108	0,302
CHR8	3405340	CHR8:3405340	SSF x Far_LoA	-10,1725046	-0,022	0,316
CHR8	3405760	CHR8:3405760	SSF x Far_LoA	-8,4600866	-0,147	0,316
CHR8	3405793	CHR8:3405793	SSF x Far_LoA	-8,90781513	0,074	0,311
CHR8	3425288	CHR8:3425288	SSF x Far_LoA	-11,2364121	0,113	0,304
CHR8	3425453	CHR8:3425453	SSF x Far_LoA	-9,42637399	-0,112	0,306
CHR8	3436232	CHR8:3436232	SSF x Far_LoA	-11,9307893	0,026	0,296
CHR8	3436327	CHR8:3436327	SSF x Far_LoA	-9,65119189	0,009	0,297
CHR8	3436347	CHR8:3436347	SSF x Far_LoA	-9,74628232	-0,061	0,290
CHR8	3436367	CHR8:3436367	SSF x Far_LoA	-8,90112902	-0,151	0,306
CHR8	3445766	CHR8:3445766	SSF x Far_LoA	-9,42522942	0,069	0,312
CHR8	3445910	CHR8:3445910	SSF x Far_LoA	-4,27906424	-0,097	0,311
CHR8	3447711	CHR8:3447711	SSF x Far_LoA	-7,59169343	0,012	0,312
CHR8	3447869	CHR8:3447869	SSF x Far_LoA	-8,61726616	-0,159	0,298
CHR8	3454789	CHR8:3454789	SSF x Far_LoA	-8,49364266	-0,010	0,302
CHR8	3454882	CHR8:3454882	SSF x Far_LoA	-7,77073805	0,157	0,297
CHR8	3462506	CHR8:3462506	SSF x Far_LoA	-10,3646291	-0,062	0,305
CHR8	3462552	CHR8:3462552	SSF x Far_LoA	-7,04230647	-0,054	0,308
CHR8	3462564	CHR8:3462564	SSF x Far_LoA	-9,85606405	-0,088	0,310
CHR8	3462581	CHR8:3462581	SSF x Far_LoA	-11,0581401	0,026	0,302
CHR8	3465763	CHR8:3465763	SSF x Far_LoA	-2,08053477	0,157	0,303
CHR8	3465781	CHR8:3465781	SSF x Far_LoA	-8,32390632	-0,037	0,302
CHR8	3465900	CHR8:3465900	SSF x Far_LoA	-8,19685758	0,002	0,289
CHR8	3465937	CHR8:3465937	SSF x Far_LoA	-11,9316387	-0,006	0,295
CHR8	3465953	CHR8:3465953	SSF x Far_LoA	-10,9379724	-0,030	0,292
CHR8	3465965	CHR8:3465965	SSF x Far_LoA	-10,3417888	0,054	0,308
CHR8	3477354	CHR8:3477354	SSF x Far_LoA	-10,2145752	0,110	0,301
CHR8	3477364	CHR8:3477364	SSF x Far_LoA	-9,37501111	0,008	0,315
CHR8	3477370	CHR8:3477370	SSF x Far_LoA	-8,24391091	-0,091	0,313
CHR8	3484291	CHR8:3484291	SSF x Far_LoA	-9,76847436	-0,008	0,301
CHR8	3490910	CHR8:3490910	SSF x Far_LoA	-1,1213159	-0,162	0,311
CHR8	3490913	CHR8:3490913	SSF x Far_LoA	-8,25332089	0,069	0,303
CHR8	3490921	CHR8:3490921	SSF x Far_LoA	-7,82345527	0,131	0,300
CHR8	3490937	CHR8:3490937	SSF x Far_LoA	-11,5373205	0,053	0,302
CHR8	3490978	CHR8:3490978	SSF x Far_LoA	-10,840481	-0,068	0,313
CHR8	3491036	CHR8:3491036	SSF x Far_LoA	-6,85450333	0,081	0,323
CHR8	3491137	CHR8:3491137	SSF x Far_LoA	-11,9455271	-0,028	0,305
CHR8	3513141	CHR8:3513141	SSF x Far_LoA	-9,48335079	0,061	0,298
CHR8	3513159	CHR8:3513159	SSF x Far_LoA	-10,5810503	-0,002	0,315
CHR8	3513168	CHR8:3513168	SSF x Far_LoA	-8,73903868	0,002	0,307
CHR8	3513181	CHR8:3513181	SSF x Far_LoA	-7,92737669	0,016	0,305
CHR8	3513189	CHR8:3513189	SSF x Far_LoA	-7,40900632	-0,072	0,318
CHR8	3547207	CHR8:3547207	SSF x Far_LoA	-11,5072107	-0,091	0,291
CHR8	3557513	CHR8:3557513	SSF x Far_LoA	-10,8231009	0,020	0,304
CHR8	3558435	CHR8:3558435	SSF x Far_LoA	-11,6800389	0,058	0,305
CHR8	3560393	CHR8:3560393	SSF x Far_LoA	-11,1601436	0,054	0,288
CHR8	3560394	CHR8:3560394	SSF x Far_LoA	-6,18536746	-0,151	0,296
CHR8	3560497	CHR8:3560497	SSF x Far_LoA	-9,50964055	0,113	0,311
CHR8	3560510	CHR8:3560510	SSF x Far_LoA	-7,95756639	0,080	0,301
CHR8	3560518	CHR8:3560518	SSF x Far_LoA	-6,48198372	-0,100	0,304
CHR8	3560548	CHR8:3560548	SSF x Far_LoA	-0,48175319	-0,200	0,299

CHR8	3560572	CHR8:3560572	SSF x Far_LoA	-8,85546962	-0,060	0,310
CHR8	3560592	CHR8:3560592	SSF x Far_LoA	-7,4412157	-0,063	0,317
CHR8	356647	CHR8:356647	SSF x Far_LoA	-10,5694632	0,053	0,302
CHR8	356659	CHR8:356659	SSF x Far_LoA	-10,7829724	-0,070	0,299
CHR8	356675	CHR8:356675	SSF x Far_LoA	-10,6788729	0,055	0,296
CHR8	3577987	CHR8:3577987	SSF x Far_LoA	7,46259058	0,071	0,310
CHR8	3578001	CHR8:3578001	SSF x Far_LoA	-10,2139006	-0,069	0,328
CHR8	3578095	CHR8:3578095	SSF x Far_LoA	-11,7513818	-0,019	0,311
CHR8	3578097	CHR8:3578097	SSF x Far_LoA	-7,8230745	0,180	0,316
CHR8	3578143	CHR8:3578143	SSF x Far_LoA	-8,88346733	-0,090	0,313
CHR8	3578181	CHR8:3578181	SSF x Far_LoA	-12,1301476	0,025	0,305
CHR8	3578194	CHR8:3578194	SSF x Far_LoA	-9,88882152	-0,002	0,314
CHR8	3581511	CHR8:3581511	SSF x Far_LoA	-10,910544	-0,030	0,315
CHR8	3588389	CHR8:3588389	SSF x Far_LoA	-8,61986844	-0,056	0,313
CHR8	3588429	CHR8:3588429	SSF x Far_LoA	-10,4631693	0,085	0,304
CHR8	3597669	CHR8:3597669	SSF x Far_LoA	-6,25526426	-0,002	0,314
CHR8	3602842	CHR8:3602842	SSF x Far_LoA	-10,9750048	-0,005	0,318
CHR8	3602979	CHR8:3602979	SSF x Far_LoA	-2,02813816	-0,260	0,294
CHR8	3603008	CHR8:3603008	SSF x Far_LoA	-9,25078635	0,041	0,311
CHR8	3603038	CHR8:3603038	SSF x Far_LoA	-9,11605518	0,117	0,310
CHR8	3603145	CHR8:3603145	SSF x Far_LoA	-12,2402665	0,032	0,308
CHR8	3607748	CHR8:3607748	SSF x Far_LoA	-7,95296484	0,115	0,305
CHR8	3607828	CHR8:3607828	SSF x Far_LoA	-7,39707179	-0,199	0,303
CHR8	3607863	CHR8:3607863	SSF x Far_LoA	-11,2238416	0,037	0,303
CHR8	3607868	CHR8:3607868	SSF x Far_LoA	-9,8739643	0,115	0,313
CHR8	3607874	CHR8:3607874	SSF x Far_LoA	-9,37431277	-0,047	0,308
CHR8	3607879	CHR8:3607879	SSF x Far_LoA	-10,1061146	-0,054	0,298
CHR8	3607963	CHR8:3607963	SSF x Far_LoA	-8,92136438	-0,009	0,305
CHR8	3626640	CHR8:3626640	SSF x Far_LoA	-8,78338418	-0,121	0,301
CHR8	3626896	CHR8:3626896	SSF x Far_LoA	-11,2232737	0,093	0,294
CHR8	3626900	CHR8:3626900	SSF x Far_LoA	-11,8241986	0,046	0,312
CHR8	3636529	CHR8:3636529	SSF x Far_LoA	-11,2953961	0,020	0,309
CHR8	3645673	CHR8:3645673	SSF x Far_LoA	-11,0371409	0,120	0,308
CHR8	3645703	CHR8:3645703	SSF x Far_LoA	-9,21154207	0,079	0,300
CHR8	3645715	CHR8:3645715	SSF x Far_LoA	-9,66448007	0,170	0,292
CHR8	3645716	CHR8:3645716	SSF x Far_LoA	-11,6397595	-0,009	0,309
CHR8	3645734	CHR8:3645734	SSF x Far_LoA	-8,72448757	0,070	0,314
CHR8	3645799	CHR8:3645799	SSF x Far_LoA	-7,54634923	0,170	0,298
CHR8	3654475	CHR8:3654475	SSF x Far_LoA	-11,7795806	0,003	0,300
CHR8	3654590	CHR8:3654590	SSF x Far_LoA	-9,08348546	-0,012	0,308
CHR8	3654684	CHR8:3654684	SSF x Far_LoA	-11,2382639	-0,091	0,302
CHR8	3673032	CHR8:3673032	SSF x Far_LoA	-8,53733717	0,066	0,309
CHR8	3673138	CHR8:3673138	SSF x Far_LoA	-6,55037198	-0,157	0,303
CHR8	3673339	CHR8:3673339	SSF x Far_LoA	-10,9271874	0,056	0,307
CHR8	3673354	CHR8:3673354	SSF x Far_LoA	-7,49810202	-0,131	0,299
CHR8	3673360	CHR8:3673360	SSF x Far_LoA	-9,96227138	-0,054	0,316
CHR8	3673367	CHR8:3673367	SSF x Far_LoA	-9,41022794	-0,027	0,318
CHR8	3673391	CHR8:3673391	SSF x Far_LoA	-8,21942025	-0,081	0,294
CHR8	3673411	CHR8:3673411	SSF x Far_LoA	-10,4632471	-0,085	0,293
CHR8	3673442	CHR8:3673442	SSF x Far_LoA	-6,9120771	0,173	0,299
CHR8	3676837	CHR8:3676837	SSF x Far_LoA	-6,18083689	0,147	0,296
CHR8	3678172	CHR8:3678172	SSF x Far_LoA	-10,7208427	0,058	0,296
CHR8	3678184	CHR8:3678184	SSF x Far_LoA	-7,52730465	0,099	0,303

CHR8	3678193	CHR8:3678193	SSF x Far_LoA	-8,30622298	-0,202	0,301
CHR8	3678430	CHR8:3678430	SSF x Far_LoA	-10,6001591	-0,031	0,307
CHR8	3678461	CHR8:3678461	SSF x Far_LoA	-10,8542652	0,107	0,299
CHR8	3696360	CHR8:3696360	SSF x Far_LoA	-11,0902164	0,005	0,311
CHR8	3704279	CHR8:3704279	SSF x Far_LoA	-8,47638518	-0,018	0,316
CHR8	3704414	CHR8:3704414	SSF x Far_LoA	-9,91795839	-0,044	0,303
CHR8	3704458	CHR8:3704458	SSF x Far_LoA	-9,83866862	-0,057	0,307
CHR8	3704467	CHR8:3704467	SSF x Far_LoA	-11,4372744	0,006	0,315
CHR8	3706268	CHR8:3706268	SSF x Far_LoA	-9,14514009	0,072	0,318
CHR8	3706392	CHR8:3706392	SSF x Far_LoA	-8,4272122	-0,068	0,311
CHR8	3715130	CHR8:3715130	SSF x Far_LoA	-11,4909104	0,014	0,296
CHR8	3715293	CHR8:3715293	SSF x Far_LoA	-10,4590197	0,001	0,309
CHR8	3715328	CHR8:3715328	SSF x Far_LoA	-9,20996598	-0,001	0,317
CHR8	3715353	CHR8:3715353	SSF x Far_LoA	-10,2389886	0,075	0,302
CHR8	3715357	CHR8:3715357	SSF x Far_LoA	-7,19858715	0,103	0,305
CHR8	3722526	CHR8:3722526	SSF x Far_LoA	-8,59880345	0,063	0,305
CHR8	3722534	CHR8:3722534	SSF x Far_LoA	-8,85993126	0,067	0,307
CHR8	3722557	CHR8:3722557	SSF x Far_LoA	-8,59051109	-0,004	0,306
CHR8	3722655	CHR8:3722655	SSF x Far_LoA	-10,2022623	0,068	0,314
CHR8	3722908	CHR8:3722908	SSF x Far_LoA	-8,83657872	0,034	0,310
CHR8	3726535	CHR8:3726535	SSF x Far_LoA	-10,7507063	0,042	0,312
CHR8	3726598	CHR8:3726598	SSF x Far_LoA	-9,0964672	0,050	0,296
CHR8	3726764	CHR8:3726764	SSF x Far_LoA	-8,42743017	-0,017	0,321
CHR8	3726820	CHR8:3726820	SSF x Far_LoA	-7,93692452	0,086	0,304
CHR8	3730290	CHR8:3730290	SSF x Far_LoA	-4,29593141	-0,074	0,305
CHR8	3730335	CHR8:3730335	SSF x Far_LoA	-10,3166072	0,056	0,296
CHR8	3730389	CHR8:3730389	SSF x Far_LoA	-10,606326	0,025	0,313
CHR8	3730480	CHR8:3730480	SSF x Far_LoA	-9,98798322	-0,056	0,310
CHR8	3734816	CHR8:3734816	SSF x Far_LoA	-7,33496059	0,040	0,313
CHR8	3734839	CHR8:3734839	SSF x Far_LoA	-9,11940807	0,067	0,290
CHR8	3734970	CHR8:3734970	SSF x Far_LoA	-7,29940776	0,080	0,322
CHR8	3739185	CHR8:3739185	SSF x Far_LoA	-8,02527627	0,092	0,290
CHR8	3739349	CHR8:3739349	SSF x Far_LoA	-4,85142566	0,182	0,284
CHR8	3739585	CHR8:3739585	SSF x Far_LoA	-10,3098926	0,044	0,299
CHR8	374288	CHR8:374288	SSF x Far_LoA	-7,16054459	0,068	0,298
CHR8	3747349	CHR8:3747349	SSF x Far_LoA	-10,1551654	0,020	0,301
CHR8	3757561	CHR8:3757561	SSF x Far_LoA	-11,162562	0,005	0,306
CHR8	3757710	CHR8:3757710	SSF x Far_LoA	-11,0482831	-0,054	0,313
CHR8	3757747	CHR8:3757747	SSF x Far_LoA	-9,42435434	-0,025	0,317
CHR8	3757892	CHR8:3757892	SSF x Far_LoA	-7,64504525	0,128	0,300
CHR8	3760830	CHR8:3760830	SSF x Far_LoA	-7,83137728	0,085	0,303
CHR8	3760850	CHR8:3760850	SSF x Far_LoA	-8,06693901	-0,144	0,318
CHR8	3775467	CHR8:3775467	SSF x Far_LoA	-10,9944852	0,007	0,307
CHR8	3775491	CHR8:3775491	SSF x Far_LoA	-10,2747868	0,017	0,310
CHR8	3775505	CHR8:3775505	SSF x Far_LoA	-11,0113544	-0,094	0,308
CHR8	3775534	CHR8:3775534	SSF x Far_LoA	-7,02999432	0,013	0,318
CHR8	3775564	CHR8:3775564	SSF x Far_LoA	-9,21711908	0,118	0,296
CHR8	3775884	CHR8:3775884	SSF x Far_LoA	-10,4051692	-0,083	0,307
CHR8	3778857	CHR8:3778857	SSF x Far_LoA	-9,38029975	-0,016	0,298
CHR8	3782673	CHR8:3782673	SSF x Far_LoA	-3,21840119	0,207	0,292
CHR8	3782746	CHR8:3782746	SSF x Far_LoA	-10,447511	-0,041	0,298
CHR8	3783011	CHR8:3783011	SSF x Far_LoA	-10,898665	0,087	0,306
CHR8	3786401	CHR8:3786401	SSF x Far_LoA	-11,2615859	0,076	0,308

CHR8	3786523	CHR8:3786523	SSF x Far_LoA	-8,58473417	-0,068	0,310
CHR8	3786531	CHR8:3786531	SSF x Far_LoA	-9,47927612	-0,030	0,309
CHR8	3786570	CHR8:3786570	SSF x Far_LoA	-10,0798746	-0,048	0,314
CHR8	3786604	CHR8:3786604	SSF x Far_LoA	-10,4785579	-0,050	0,318
CHR8	3786663	CHR8:3786663	SSF x Far_LoA	-9,64747399	-0,081	0,309
CHR8	3794075	CHR8:3794075	SSF x Far_LoA	-11,1754979	-0,071	0,312
CHR8	3801066	CHR8:3801066	SSF x Far_LoA	-10,7278626	0,121	0,306
CHR8	3813702	CHR8:3813702	SSF x Far_LoA	-9,2829878	-0,134	0,302
CHR8	3813783	CHR8:3813783	SSF x Far_LoA	-6,55645884	0,101	0,308
CHR8	3813788	CHR8:3813788	SSF x Far_LoA	-9,38910867	-0,072	0,291
CHR8	3813791	CHR8:3813791	SSF x Far_LoA	-8,27160973	-0,026	0,317
CHR8	3828180	CHR8:3828180	SSF x Far_LoA	-8,49783871	0,081	0,301
CHR8	3828189	CHR8:3828189	SSF x Far_LoA	-10,7273392	-0,035	0,304
CHR8	3828214	CHR8:3828214	SSF x Far_LoA	-9,9733944	0,052	0,294
CHR8	3828302	CHR8:3828302	SSF x Far_LoA	-11,5735345	0,067	0,314
CHR8	3828440	CHR8:3828440	SSF x Far_LoA	-9,55193198	-0,019	0,299
CHR8	3854770	CHR8:3854770	SSF x Far_LoA	-9,24053578	0,079	0,302
CHR8	3863343	CHR8:3863343	SSF x Far_LoA	-8,86657596	0,011	0,316
CHR8	3863387	CHR8:3863387	SSF x Far_LoA	-8,99551893	0,025	0,315
CHR8	3870756	CHR8:3870756	SSF x Far_LoA	-10,234406	0,128	0,300
CHR8	3870809	CHR8:3870809	SSF x Far_LoA	-10,7436697	0,074	0,302
CHR8	3870876	CHR8:3870876	SSF x Far_LoA	-9,55980542	-0,045	0,293
CHR8	3870907	CHR8:3870907	SSF x Far_LoA	-9,31386626	-0,085	0,314
CHR8	3874024	CHR8:3874024	SSF x Far_LoA	-10,451563	-0,011	0,297
CHR8	3874039	CHR8:3874039	SSF x Far_LoA	-7,60317169	-0,073	0,299
CHR8	3874056	CHR8:3874056	SSF x Far_LoA	-9,02844255	0,011	0,324
CHR8	3875984	CHR8:3875984	SSF x Far_LoA	-8,28577927	-0,079	0,302
CHR8	3876002	CHR8:3876002	SSF x Far_LoA	-10,0726291	-0,062	0,302
CHR8	3876103	CHR8:3876103	SSF x Far_LoA	-8,5420724	-0,010	0,318
CHR8	3877414	CHR8:3877414	SSF x Far_LoA	-9,10328165	0,078	0,304
CHR8	3877584	CHR8:3877584	SSF x Far_LoA	-10,9605139	-0,013	0,302
CHR8	3884541	CHR8:3884541	SSF x Far_LoA	-9,71681462	-0,030	0,299
CHR8	3885199	CHR8:3885199	SSF x Far_LoA	-5,67412657	0,057	0,310
CHR8	3889318	CHR8:3889318	SSF x Far_LoA	-9,88604677	-0,058	0,300
CHR8	3889411	CHR8:3889411	SSF x Far_LoA	-11,1519076	-0,053	0,300
CHR8	3889482	CHR8:3889482	SSF x Far_LoA	-10,6208537	0,063	0,303
CHR8	3889490	CHR8:3889490	SSF x Far_LoA	-6,08403717	0,055	0,307
CHR8	3899283	CHR8:3899283	SSF x Far_LoA	-9,90145037	-0,098	0,314
CHR8	3899306	CHR8:3899306	SSF x Far_LoA	-9,25723481	-0,093	0,301
CHR8	3899364	CHR8:3899364	SSF x Far_LoA	-10,1643721	0,034	0,292
CHR8	3907540	CHR8:3907540	SSF x Far_LoA	-10,3304971	0,041	0,296
CHR8	3907616	CHR8:3907616	SSF x Far_LoA	-9,12984404	0,024	0,306
CHR8	3908919	CHR8:3908919	SSF x Far_LoA	-10,3633351	0,058	0,304
CHR8	3910525	CHR8:3910525	SSF x Far_LoA	-10,1293852	0,008	0,299
CHR8	3910541	CHR8:3910541	SSF x Far_LoA	-11,3371123	-0,040	0,320
CHR8	3910543	CHR8:3910543	SSF x Far_LoA	-11,1990832	0,008	0,302
CHR8	3910572	CHR8:3910572	SSF x Far_LoA	-8,31889939	0,146	0,310
CHR8	3910585	CHR8:3910585	SSF x Far_LoA	-7,52514017	0,006	0,315
CHR8	3910594	CHR8:3910594	SSF x Far_LoA	-9,51952023	0,159	0,306
CHR8	3910597	CHR8:3910597	SSF x Far_LoA	-10,6907384	0,040	0,306
CHR8	3917922	CHR8:3917922	SSF x Far_LoA	-7,91906293	0,177	0,284
CHR8	3918101	CHR8:3918101	SSF x Far_LoA	-10,5321771	0,040	0,299
CHR8	3918111	CHR8:3918111	SSF x Far_LoA	-11,1147349	0,044	0,304

CHR8	3918921	CHR8:3918921	SSF x Far_LoA	-9,10327147	0,015	0,309
CHR8	3918958	CHR8:3918958	SSF x Far_LoA	-10,1320198	-0,052	0,302
CHR8	3919004	CHR8:3919004	SSF x Far_LoA	-10,5355498	-0,078	0,307
CHR8	3928663	CHR8:3928663	SSF x Far_LoA	-9,64086497	-0,043	0,299
CHR8	3940268	CHR8:3940268	SSF x Far_LoA	-8,22429796	0,134	0,300
CHR8	3940345	CHR8:3940345	SSF x Far_LoA	-7,65168525	0,122	0,302
CHR8	3940353	CHR8:3940353	SSF x Far_LoA	-9,90833765	0,137	0,303
CHR8	3940414	CHR8:3940414	SSF x Far_LoA	-10,7576681	-0,053	0,320
CHR8	3940419	CHR8:3940419	SSF x Far_LoA	-11,2747659	-0,070	0,309
CHR8	3940515	CHR8:3940515	SSF x Far_LoA	-11,2035735	0,054	0,305
CHR8	3940527	CHR8:3940527	SSF x Far_LoA	-11,5555476	0,057	0,295
CHR8	3940529	CHR8:3940529	SSF x Far_LoA	-4,31874472	0,124	0,303
CHR8	3953686	CHR8:3953686	SSF x Far_LoA	-7,84770755	0,067	0,295
CHR8	3953722	CHR8:3953722	SSF x Far_LoA	-7,04585969	0,087	0,314
CHR8	3953830	CHR8:3953830	SSF x Far_LoA	-6,393374	-0,108	0,294
CHR8	3953873	CHR8:3953873	SSF x Far_LoA	-11,9818436	-0,022	0,300
CHR8	3960206	CHR8:3960206	SSF x Far_LoA	-9,02499451	0,116	0,289
CHR8	3960281	CHR8:3960281	SSF x Far_LoA	-8,27647539	0,082	0,307
CHR8	3960286	CHR8:3960286	SSF x Far_LoA	-9,11410942	0,143	0,300
CHR8	3960317	CHR8:3960317	SSF x Far_LoA	-8,82149112	0,164	0,294
CHR8	3960348	CHR8:3960348	SSF x Far_LoA	-5,54204164	0,119	0,303
CHR8	3960360	CHR8:3960360	SSF x Far_LoA	-6,91147169	0,026	0,307
CHR8	3960387	CHR8:3960387	SSF x Far_LoA	-9,43960826	0,012	0,302
CHR8	3961352	CHR8:3961352	SSF x Far_LoA	-8,2603167	0,015	0,306
CHR8	3962491	CHR8:3962491	SSF x Far_LoA	-7,75836731	-0,070	0,292
CHR8	3964811	CHR8:3964811	SSF x Far_LoA	-8,73479299	-0,077	0,303
CHR8	3964826	CHR8:3964826	SSF x Far_LoA	-9,55996839	0,034	0,309
CHR8	3964948	CHR8:3964948	SSF x Far_LoA	-7,85584362	-0,086	0,307
CHR8	3965038	CHR8:3965038	SSF x Far_LoA	-12,2272499	-0,038	0,297
CHR8	396594	CHR8:396594	SSF x Far_LoA	-9,54178307	0,035	0,314
CHR8	3966909	CHR8:3966909	SSF x Far_LoA	-8,36767795	0,047	0,307
CHR8	3966945	CHR8:3966945	SSF x Far_LoA	-11,1591037	0,034	0,320
CHR8	3967147	CHR8:3967147	SSF x Far_LoA	-10,5958751	0,018	0,301
CHR8	3967162	CHR8:3967162	SSF x Far_LoA	-9,68204786	0,018	0,310
CHR8	3967192	CHR8:3967192	SSF x Far_LoA	-7,49950471	-0,084	0,319
CHR8	3975211	CHR8:3975211	SSF x Far_LoA	1,36307111	-0,252	0,285
CHR8	3991657	CHR8:3991657	SSF x Far_LoA	-9,22962283	-0,070	0,303
CHR8	3991689	CHR8:3991689	SSF x Far_LoA	-8,65118422	0,056	0,308
CHR8	3992345	CHR8:3992345	SSF x Far_LoA	-9,10681481	0,050	0,309
CHR8	3996684	CHR8:3996684	SSF x Far_LoA	-8,55891981	-0,070	0,294
CHR8	4010913	CHR8:4010913	SSF x Far_LoA	-9,82714456	0,078	0,308
CHR8	4010953	CHR8:4010953	SSF x Far_LoA	-0,85868953	0,103	0,301
CHR8	4010954	CHR8:4010954	SSF x Far_LoA	-9,42549869	-0,086	0,292
CHR8	4010992	CHR8:4010992	SSF x Far_LoA	-8,17141606	-0,050	0,296
CHR8	4011034	CHR8:4011034	SSF x Far_LoA	-9,04625584	0,110	0,309
CHR8	4011051	CHR8:4011051	SSF x Far_LoA	-9,94112409	0,100	0,310
CHR8	4014914	CHR8:4014914	SSF x Far_LoA	-7,79907722	0,034	0,301
CHR8	4014935	CHR8:4014935	SSF x Far_LoA	2,1332604	-0,037	0,300
CHR8	4014944	CHR8:4014944	SSF x Far_LoA	-10,3154747	-0,032	0,296
CHR8	4014945	CHR8:4014945	SSF x Far_LoA	-10,685484	-0,095	0,312
CHR8	4014953	CHR8:4014953	SSF x Far_LoA	-9,63962074	-0,037	0,311
CHR8	4014977	CHR8:4014977	SSF x Far_LoA	-7,68317626	0,120	0,297
CHR8	4014986	CHR8:4014986	SSF x Far_LoA	-8,86068187	0,069	0,305

CHR8	4015039	CHR8:4015039	SSF x Far_LoA	-10,9996068	0,023	0,305
CHR8	4015070	CHR8:4015070	SSF x Far_LoA	-11,0157141	-0,051	0,313
CHR8	4015081	CHR8:4015081	SSF x Far_LoA	-9,17137237	0,005	0,311
CHR8	4015084	CHR8:4015084	SSF x Far_LoA	-10,2394422	-0,089	0,311
CHR8	4015090	CHR8:4015090	SSF x Far_LoA	-8,13393436	-0,005	0,303
CHR8	4015099	CHR8:4015099	SSF x Far_LoA	-9,03768664	-0,025	0,307
CHR8	4015100	CHR8:4015100	SSF x Far_LoA	-10,7155999	-0,044	0,300
CHR8	4019593	CHR8:4019593	SSF x Far_LoA	-9,13240333	-0,053	0,307
CHR8	4028821	CHR8:4028821	SSF x Far_LoA	-9,55135228	0,013	0,313
CHR8	4028894	CHR8:4028894	SSF x Far_LoA	-8,36001982	-0,122	0,306
CHR8	4028982	CHR8:4028982	SSF x Far_LoA	-6,39279873	-0,164	0,304
CHR8	4029084	CHR8:4029084	SSF x Far_LoA	-10,8610141	0,061	0,315
CHR8	4029086	CHR8:4029086	SSF x Far_LoA	-6,92824147	0,134	0,285
CHR8	4029105	CHR8:4029105	SSF x Far_LoA	-11,1818677	-0,033	0,308
CHR8	4029118	CHR8:4029118	SSF x Far_LoA	-3,7555398	0,039	0,314
CHR8	4032813	CHR8:4032813	SSF x Far_LoA	-11,427526	0,052	0,310
CHR8	4032831	CHR8:4032831	SSF x Far_LoA	-7,93561375	-0,054	0,322
CHR8	4032893	CHR8:4032893	SSF x Far_LoA	-9,86235931	0,110	0,302
CHR8	4033029	CHR8:4033029	SSF x Far_LoA	-11,6111334	-0,066	0,294
CHR8	4040106	CHR8:4040106	SSF x Far_LoA	-8,94626183	-0,071	0,321
CHR8	404326	CHR8:404326	SSF x Far_LoA	-9,63619542	0,102	0,314
CHR8	404382	CHR8:404382	SSF x Far_LoA	5,68378775	0,129	0,307
CHR8	4045886	CHR8:4045886	SSF x Far_LoA	-9,53485661	-0,027	0,306
CHR8	4046043	CHR8:4046043	SSF x Far_LoA	-8,46657882	-0,013	0,306
CHR8	4046044	CHR8:4046044	SSF x Far_LoA	-9,91749022	0,007	0,312
CHR8	4056206	CHR8:4056206	SSF x Far_LoA	-9,53309841	-0,036	0,294
CHR8	4059610	CHR8:4059610	SSF x Far_LoA	-9,61972058	0,017	0,300
CHR8	4059663	CHR8:4059663	SSF x Far_LoA	-10,5959364	0,021	0,301
CHR8	4059679	CHR8:4059679	SSF x Far_LoA	-9,05952444	0,040	0,299
CHR8	4059685	CHR8:4059685	SSF x Far_LoA	-9,15627395	0,039	0,312
CHR8	4062640	CHR8:4062640	SSF x Far_LoA	-9,79482871	-0,093	0,316
CHR8	4062740	CHR8:4062740	SSF x Far_LoA	-8,3909882	-0,140	0,313
CHR8	4062869	CHR8:4062869	SSF x Far_LoA	-7,3327645	0,076	0,305
CHR8	4070440	CHR8:4070440	SSF x Far_LoA	-5,43566613	0,159	0,300
CHR8	4070467	CHR8:4070467	SSF x Far_LoA	-8,71991562	-0,145	0,307
CHR8	4070498	CHR8:4070498	SSF x Far_LoA	-8,9604119	0,123	0,304
CHR8	4070499	CHR8:4070499	SSF x Far_LoA	-6,94590696	0,172	0,292
CHR8	4070510	CHR8:4070510	SSF x Far_LoA	-10,8425537	-0,020	0,304
CHR8	4070544	CHR8:4070544	SSF x Far_LoA	-8,6435334	-0,026	0,301
CHR8	4070621	CHR8:4070621	SSF x Far_LoA	-10,9060828	-0,010	0,292
CHR8	4071140	CHR8:4071140	SSF x Far_LoA	-8,25309962	-0,173	0,316
CHR8	4072781	CHR8:4072781	SSF x Far_LoA	-8,36905792	-0,044	0,303
CHR8	4072818	CHR8:4072818	SSF x Far_LoA	-7,25543051	-0,029	0,288
CHR8	4072827	CHR8:4072827	SSF x Far_LoA	-8,02930553	-0,050	0,313
CHR8	4072832	CHR8:4072832	SSF x Far_LoA	-10,3079285	0,022	0,309
CHR8	4072838	CHR8:4072838	SSF x Far_LoA	-11,2546274	-0,056	0,286
CHR8	4072855	CHR8:4072855	SSF x Far_LoA	-10,1802226	-0,038	0,303
CHR8	4072859	CHR8:4072859	SSF x Far_LoA	-11,0573418	-0,048	0,312
CHR8	4072881	CHR8:4072881	SSF x Far_LoA	-8,53338282	0,001	0,316
CHR8	4072903	CHR8:4072903	SSF x Far_LoA	-8,78689842	0,024	0,305
CHR8	4072921	CHR8:4072921	SSF x Far_LoA	-8,66374091	0,031	0,302
CHR8	4072943	CHR8:4072943	SSF x Far_LoA	-9,50831202	0,075	0,294
CHR8	4072958	CHR8:4072958	SSF x Far_LoA	-9,56761039	-0,021	0,287

CHR8	4073020	CHR8:4073020	SSF x Far_LoA	-9,12974513	-0,013	0,303
CHR8	4074844	CHR8:4074844	SSF x Far_LoA	-8,76129373	0,082	0,304
CHR8	4074979	CHR8:4074979	SSF x Far_LoA	-8,50639184	-0,023	0,307
CHR8	4081340	CHR8:4081340	SSF x Far_LoA	-5,73701918	-0,107	0,302
CHR8	4081379	CHR8:4081379	SSF x Far_LoA	-8,3223958	0,041	0,312
CHR8	4081475	CHR8:4081475	SSF x Far_LoA	-7,59489603	0,161	0,297
CHR8	4081540	CHR8:4081540	SSF x Far_LoA	-10,1916702	0,012	0,308
CHR8	4081580	CHR8:4081580	SSF x Far_LoA	-9,08746304	-0,067	0,317
CHR8	4098108	CHR8:4098108	SSF x Far_LoA	-8,67579111	0,084	0,305
CHR8	4098121	CHR8:4098121	SSF x Far_LoA	-1,47072171	-0,093	0,300
CHR8	4098139	CHR8:4098139	SSF x Far_LoA	-11,7473993	-0,001	0,309
CHR8	4100023	CHR8:4100023	SSF x Far_LoA	-10,0903443	-0,056	0,303
CHR8	4103025	CHR8:4103025	SSF x Far_LoA	-6,63968904	-0,137	0,313
CHR8	4103033	CHR8:4103033	SSF x Far_LoA	-7,65238324	-0,133	0,301
CHR8	4103054	CHR8:4103054	SSF x Far_LoA	-10,8182109	-0,105	0,308
CHR8	4103057	CHR8:4103057	SSF x Far_LoA	-8,48321551	0,105	0,322
CHR8	4103237	CHR8:4103237	SSF x Far_LoA	-10,3253858	-0,039	0,308
CHR8	4110365	CHR8:4110365	SSF x Far_LoA	-11,1727168	0,000	0,302
CHR8	4110373	CHR8:4110373	SSF x Far_LoA	-10,4981238	-0,021	0,311
CHR8	4110382	CHR8:4110382	SSF x Far_LoA	-9,16014344	-0,017	0,297
CHR8	4110409	CHR8:4110409	SSF x Far_LoA	-10,1077916	0,141	0,287
CHR8	4110414	CHR8:4110414	SSF x Far_LoA	-9,23826212	-0,023	0,322
CHR8	4110453	CHR8:4110453	SSF x Far_LoA	-11,0367543	-0,113	0,306
CHR8	4110467	CHR8:4110467	SSF x Far_LoA	-9,49871799	0,049	0,312
CHR8	4110479	CHR8:4110479	SSF x Far_LoA	-9,53261059	0,080	0,301
CHR8	4111178	CHR8:4111178	SSF x Far_LoA	-10,5646559	-0,012	0,304
CHR8	4111190	CHR8:4111190	SSF x Far_LoA	-10,993189	-0,063	0,307
CHR8	4113582	CHR8:4113582	SSF x Far_LoA	-9,46532973	0,021	0,301
CHR8	4113584	CHR8:4113584	SSF x Far_LoA	-4,2896744	0,104	0,316
CHR8	4119166	CHR8:4119166	SSF x Far_LoA	-9,09300551	0,049	0,322
CHR8	4122215	CHR8:4122215	SSF x Far_LoA	-8,74686491	0,094	0,311
CHR8	4122221	CHR8:4122221	SSF x Far_LoA	-7,87976034	0,115	0,290
CHR8	4122257	CHR8:4122257	SSF x Far_LoA	-9,7380442	0,090	0,298
CHR8	4123823	CHR8:4123823	SSF x Far_LoA	-8,38338232	0,000	0,302
CHR8	4128939	CHR8:4128939	SSF x Far_LoA	-9,13185924	-0,058	0,306
CHR8	4128986	CHR8:4128986	SSF x Far_LoA	-6,8732525	-0,155	0,299
CHR8	4129007	CHR8:4129007	SSF x Far_LoA	-5,35125471	0,159	0,301
CHR8	4129088	CHR8:4129088	SSF x Far_LoA	-9,47800188	-0,049	0,315
CHR8	4129091	CHR8:4129091	SSF x Far_LoA	-8,51215482	-0,114	0,310
CHR8	4129098	CHR8:4129098	SSF x Far_LoA	-5,29176105	-0,191	0,300
CHR8	4129117	CHR8:4129117	SSF x Far_LoA	-9,54029409	0,065	0,289
CHR8	4129130	CHR8:4129130	SSF x Far_LoA	-10,347891	-0,015	0,309
CHR8	4131311	CHR8:4131311	SSF x Far_LoA	-8,41471299	-0,088	0,311
CHR8	4131330	CHR8:4131330	SSF x Far_LoA	-7,56031275	0,148	0,288
CHR8	4131374	CHR8:4131374	SSF x Far_LoA	-5,36866159	0,066	0,304
CHR8	4131378	CHR8:4131378	SSF x Far_LoA	-9,48078083	0,065	0,305
CHR8	4134993	CHR8:4134993	SSF x Far_LoA	-9,07042567	0,056	0,305
CHR8	4135000	CHR8:4135000	SSF x Far_LoA	-9,0819681	0,032	0,298
CHR8	4135001	CHR8:4135001	SSF x Far_LoA	-8,96926361	0,079	0,309
CHR8	4141407	CHR8:4141407	SSF x Far_LoA	-8,34008352	-0,090	0,297
CHR8	4141424	CHR8:4141424	SSF x Far_LoA	-6,86407344	-0,081	0,318
CHR8	4148906	CHR8:4148906	SSF x Far_LoA	-12,3173303	-0,006	0,310
CHR8	4148968	CHR8:4148968	SSF x Far_LoA	-8,45241908	-0,017	0,319

CHR8	4149153	CHR8:4149153	SSF x Far_LoA	-11,1800826	0,018	0,310
CHR8	4149194	CHR8:4149194	SSF x Far_LoA	-7,36179329	0,074	0,316
CHR8	4157962	CHR8:4157962	SSF x Far_LoA	-9,35875822	0,116	0,288
CHR8	4162766	CHR8:4162766	SSF x Far_LoA	-10,5891103	-0,030	0,313
CHR8	4178859	CHR8:4178859	SSF x Far_LoA	-7,99945574	0,133	0,298
CHR8	4178865	CHR8:4178865	SSF x Far_LoA	-8,70222735	0,121	0,294
CHR8	4178870	CHR8:4178870	SSF x Far_LoA	-8,39153495	0,097	0,310
CHR8	4178909	CHR8:4178909	SSF x Far_LoA	-8,95753744	0,124	0,284
CHR8	4178945	CHR8:4178945	SSF x Far_LoA	-9,58339471	0,106	0,301
CHR8	4179208	CHR8:4179208	SSF x Far_LoA	-10,1539068	-0,004	0,316
CHR8	4189174	CHR8:4189174	SSF x Far_LoA	-9,21279701	-0,046	0,306
CHR8	4189185	CHR8:4189185	SSF x Far_LoA	-9,0279685	-0,169	0,311
CHR8	4189191	CHR8:4189191	SSF x Far_LoA	-8,21650639	0,112	0,313
CHR8	4189201	CHR8:4189201	SSF x Far_LoA	-8,09489231	-0,112	0,306
CHR8	4189204	CHR8:4189204	SSF x Far_LoA	-9,5112578	-0,100	0,300
CHR8	4190175	CHR8:4190175	SSF x Far_LoA	-10,8156075	0,000	0,312
CHR8	4190190	CHR8:4190190	SSF x Far_LoA	-11,9962327	0,053	0,298
CHR8	4190225	CHR8:4190225	SSF x Far_LoA	-6,42834523	-0,024	0,311
CHR8	4194574	CHR8:4194574	SSF x Far_LoA	-11,3947631	0,059	0,301
CHR8	4194636	CHR8:4194636	SSF x Far_LoA	-10,3333405	0,026	0,307
CHR8	4200167	CHR8:4200167	SSF x Far_LoA	-10,1591368	0,058	0,302
CHR8	4200186	CHR8:4200186	SSF x Far_LoA	-9,82281283	0,008	0,296
CHR8	4200197	CHR8:4200197	SSF x Far_LoA	-8,16436519	-0,102	0,296
CHR8	4201178	CHR8:4201178	SSF x Far_LoA	-9,93512253	0,053	0,310
CHR8	4201287	CHR8:4201287	SSF x Far_LoA	-11,0499802	0,062	0,305
CHR8	4201330	CHR8:4201330	SSF x Far_LoA	2,41597057	-0,058	0,311
CHR8	4201342	CHR8:4201342	SSF x Far_LoA	-9,65260049	0,049	0,301
CHR8	4206484	CHR8:4206484	SSF x Far_LoA	5,82245866	0,017	0,309
CHR8	4206640	CHR8:4206640	SSF x Far_LoA	-11,7092456	-0,011	0,303
CHR8	420930	CHR8:420930	SSF x Far_LoA	-8,87766742	0,090	0,303
CHR8	421018	CHR8:421018	SSF x Far_LoA	-6,02428113	0,078	0,299
CHR8	421042	CHR8:421042	SSF x Far_LoA	-8,89512845	-0,054	0,316
CHR8	4213281	CHR8:4213281	SSF x Far_LoA	-10,2782192	-0,052	0,300
CHR8	4213336	CHR8:4213336	SSF x Far_LoA	-9,76089367	-0,011	0,313
CHR8	4213383	CHR8:4213383	SSF x Far_LoA	-9,70618937	-0,035	0,306
CHR8	4213465	CHR8:4213465	SSF x Far_LoA	-9,42761418	0,003	0,313
CHR8	4213547	CHR8:4213547	SSF x Far_LoA	-8,64056306	0,098	0,311
CHR8	4216822	CHR8:4216822	SSF x Far_LoA	-11,6714735	-0,007	0,300
CHR8	4216831	CHR8:4216831	SSF x Far_LoA	-6,79518394	0,022	0,301
CHR8	4216849	CHR8:4216849	SSF x Far_LoA	-10,5100394	-0,013	0,305
CHR8	4216911	CHR8:4216911	SSF x Far_LoA	-5,76801385	0,061	0,295
CHR8	4216929	CHR8:4216929	SSF x Far_LoA	-8,29161909	0,003	0,306
CHR8	4216933	CHR8:4216933	SSF x Far_LoA	-7,91053545	-0,009	0,304
CHR8	4217245	CHR8:4217245	SSF x Far_LoA	-9,18399482	0,078	0,296
CHR8	4217249	CHR8:4217249	SSF x Far_LoA	-8,40402204	0,069	0,312
CHR8	4217273	CHR8:4217273	SSF x Far_LoA	-5,6621221	0,122	0,310
CHR8	4217308	CHR8:4217308	SSF x Far_LoA	-7,70298672	0,005	0,312
CHR8	4217353	CHR8:4217353	SSF x Far_LoA	-7,51161818	0,035	0,306
CHR8	4217362	CHR8:4217362	SSF x Far_LoA	-7,18348005	0,060	0,309
CHR8	4229355	CHR8:4229355	SSF x Far_LoA	-7,51645659	-0,026	0,316
CHR8	4229444	CHR8:4229444	SSF x Far_LoA	-10,5312181	0,098	0,299
CHR8	4229445	CHR8:4229445	SSF x Far_LoA	-11,7226182	-0,024	0,316
CHR8	4231485	CHR8:4231485	SSF x Far_LoA	-4,79944992	-0,029	0,305

CHR8	4231597	CHR8:4231597	SSF x Far_LoA	-8,88876752	-0,120	0,295
CHR8	4246619	CHR8:4246619	SSF x Far_LoA	-9,32892365	0,002	0,300
CHR8	4246632	CHR8:4246632	SSF x Far_LoA	-8,29928995	0,079	0,304
CHR8	4246633	CHR8:4246633	SSF x Far_LoA	-9,5419977	0,006	0,306
CHR8	4246634	CHR8:4246634	SSF x Far_LoA	-11,1409482	0,028	0,294
CHR8	4246638	CHR8:4246638	SSF x Far_LoA	-9,13721488	-0,074	0,306
CHR8	4246652	CHR8:4246652	SSF x Far_LoA	-11,1717803	0,047	0,311
CHR8	4246692	CHR8:4246692	SSF x Far_LoA	-9,04416541	0,027	0,322
CHR8	4246709	CHR8:4246709	SSF x Far_LoA	-9,89594673	0,076	0,302
CHR8	4246744	CHR8:4246744	SSF x Far_LoA	-7,54455812	0,190	0,282
CHR8	4246781	CHR8:4246781	SSF x Far_LoA	-9,18525889	-0,016	0,301
CHR8	4251888	CHR8:4251888	SSF x Far_LoA	-10,7981446	0,069	0,315
CHR8	4251901	CHR8:4251901	SSF x Far_LoA	-10,1686953	-0,103	0,306
CHR8	4251931	CHR8:4251931	SSF x Far_LoA	-9,92946035	-0,120	0,302
CHR8	4251933	CHR8:4251933	SSF x Far_LoA	-8,19878899	-0,006	0,292
CHR8	4251936	CHR8:4251936	SSF x Far_LoA	-10,1083785	-0,105	0,302
CHR8	4259137	CHR8:4259137	SSF x Far_LoA	-10,6756987	0,040	0,308
CHR8	4259282	CHR8:4259282	SSF x Far_LoA	-5,60714455	0,137	0,302
CHR8	4259398	CHR8:4259398	SSF x Far_LoA	-9,26354323	-0,024	0,304
CHR8	4268012	CHR8:4268012	SSF x Far_LoA	-12,0970827	-0,030	0,297
CHR8	427264	CHR8:427264	SSF x Far_LoA	-11,8947795	0,008	0,292
CHR8	4277424	CHR8:4277424	SSF x Far_LoA	-8,16079657	0,092	0,309
CHR8	4278244	CHR8:4278244	SSF x Far_LoA	-9,93340159	0,050	0,299
CHR8	4278254	CHR8:4278254	SSF x Far_LoA	-9,44633008	0,043	0,309
CHR8	427845	CHR8:427845	SSF x Far_LoA	-9,77113346	-0,019	0,307
CHR8	427852	CHR8:427852	SSF x Far_LoA	-8,38956876	-0,054	0,304
CHR8	4294362	CHR8:4294362	SSF x Far_LoA	-9,74352105	0,028	0,320
CHR8	4294367	CHR8:4294367	SSF x Far_LoA	-9,10833851	0,149	0,296
CHR8	4294436	CHR8:4294436	SSF x Far_LoA	-9,01666463	-0,017	0,318
CHR8	4294548	CHR8:4294548	SSF x Far_LoA	-8,63869575	-0,130	0,304
CHR8	4302475	CHR8:4302475	SSF x Far_LoA	-9,22189243	0,116	0,310
CHR8	4310356	CHR8:4310356	SSF x Far_LoA	-10,6001803	0,095	0,310
CHR8	4318286	CHR8:4318286	SSF x Far_LoA	-9,52505955	-0,016	0,310
CHR8	4318325	CHR8:4318325	SSF x Far_LoA	-9,8114146	-0,061	0,299
CHR8	4318347	CHR8:4318347	SSF x Far_LoA	-8,66318954	-0,126	0,293
CHR8	4318362	CHR8:4318362	SSF x Far_LoA	-4,52688035	-0,108	0,308
CHR8	4318379	CHR8:4318379	SSF x Far_LoA	-9,46394747	-0,085	0,297
CHR8	4318387	CHR8:4318387	SSF x Far_LoA	-9,80621297	-0,094	0,295
CHR8	4318409	CHR8:4318409	SSF x Far_LoA	-6,06807841	-0,146	0,286
CHR8	4330102	CHR8:4330102	SSF x Far_LoA	-7,40180014	0,089	0,312
CHR8	4330107	CHR8:4330107	SSF x Far_LoA	-6,50869726	0,072	0,296
CHR8	4330111	CHR8:4330111	SSF x Far_LoA	-11,5699574	0,080	0,297
CHR8	4330121	CHR8:4330121	SSF x Far_LoA	-4,68198443	0,068	0,302
CHR8	4330122	CHR8:4330122	SSF x Far_LoA	-7,97869699	0,107	0,289
CHR8	4330140	CHR8:4330140	SSF x Far_LoA	-11,6679907	0,034	0,312
CHR8	4330155	CHR8:4330155	SSF x Far_LoA	-9,96614927	0,052	0,295
CHR8	4330201	CHR8:4330201	SSF x Far_LoA	-10,5847731	-0,024	0,302
CHR8	4340765	CHR8:4340765	SSF x Far_LoA	-8,96377416	0,024	0,310
CHR8	4340769	CHR8:4340769	SSF x Far_LoA	-10,2534153	-0,033	0,308
CHR8	4341937	CHR8:4341937	SSF x Far_LoA	-8,27539269	-0,077	0,313
CHR8	4342117	CHR8:4342117	SSF x Far_LoA	-8,58265041	-0,076	0,318
CHR8	4348780	CHR8:4348780	SSF x Far_LoA	-12,3608565	0,021	0,308
CHR8	4348788	CHR8:4348788	SSF x Far_LoA	-6,2545322	0,058	0,315

CHR8	4348840	CHR8:4348840	SSF x Far_LoA	-11,4917751	0,029	0,304
CHR8	435769	CHR8:435769	SSF x Far_LoA	-7,85412135	0,092	0,302
CHR8	4375073	CHR8:4375073	SSF x Far_LoA	-6,27180085	0,001	0,308
CHR8	4375158	CHR8:4375158	SSF x Far_LoA	-10,7066531	-0,067	0,306
CHR8	4375197	CHR8:4375197	SSF x Far_LoA	-10,1791083	0,040	0,301
CHR8	4375202	CHR8:4375202	SSF x Far_LoA	-8,16405379	0,008	0,307
CHR8	4375234	CHR8:4375234	SSF x Far_LoA	-9,01335826	0,028	0,306
CHR8	4384383	CHR8:4384383	SSF x Far_LoA	-9,9494153	0,121	0,304
CHR8	4384404	CHR8:4384404	SSF x Far_LoA	-11,2355403	-0,034	0,296
CHR8	4396497	CHR8:4396497	SSF x Far_LoA	-9,19182278	0,100	0,295
CHR8	4396674	CHR8:4396674	SSF x Far_LoA	-11,9192271	0,061	0,301
CHR8	4403967	CHR8:4403967	SSF x Far_LoA	-10,9774053	0,036	0,306
CHR8	4404064	CHR8:4404064	SSF x Far_LoA	-7,82202175	0,084	0,312
CHR8	4404111	CHR8:4404111	SSF x Far_LoA	-8,13963534	0,092	0,294
CHR8	4404151	CHR8:4404151	SSF x Far_LoA	-7,73658801	-0,070	0,292
CHR8	4404152	CHR8:4404152	SSF x Far_LoA	-8,12975317	-0,082	0,297
CHR8	4404156	CHR8:4404156	SSF x Far_LoA	-6,97685195	-0,120	0,291
CHR8	4404178	CHR8:4404178	SSF x Far_LoA	-9,54955846	-0,025	0,315
CHR8	4404181	CHR8:4404181	SSF x Far_LoA	-10,1004671	0,034	0,295
CHR8	4408798	CHR8:4408798	SSF x Far_LoA	-10,3974275	0,090	0,305
CHR8	4408805	CHR8:4408805	SSF x Far_LoA	-8,30619945	-0,123	0,316
CHR8	4408990	CHR8:4408990	SSF x Far_LoA	-10,4884255	-0,033	0,307
CHR8	4410918	CHR8:4410918	SSF x Far_LoA	-9,35299974	0,093	0,298
CHR8	4410933	CHR8:4410933	SSF x Far_LoA	-9,02294569	-0,013	0,303
CHR8	4410960	CHR8:4410960	SSF x Far_LoA	-8,37511588	0,036	0,310
CHR8	4411020	CHR8:4411020	SSF x Far_LoA	-9,27965301	0,033	0,319
CHR8	4412328	CHR8:4412328	SSF x Far_LoA	-7,72680457	0,163	0,290
CHR8	4415219	CHR8:4415219	SSF x Far_LoA	-10,6723494	0,006	0,304
CHR8	4415222	CHR8:4415222	SSF x Far_LoA	-9,32796498	0,025	0,306
CHR8	4421679	CHR8:4421679	SSF x Far_LoA	-10,9602064	-0,013	0,313
CHR8	4428275	CHR8:4428275	SSF x Far_LoA	-9,27204183	0,119	0,319
CHR8	4428304	CHR8:4428304	SSF x Far_LoA	-7,99719592	-0,107	0,305
CHR8	4428332	CHR8:4428332	SSF x Far_LoA	-10,4421381	-0,017	0,297
CHR8	4428351	CHR8:4428351	SSF x Far_LoA	-8,95003857	0,051	0,308
CHR8	4444198	CHR8:4444198	SSF x Far_LoA	-8,81287056	0,029	0,316
CHR8	4444392	CHR8:4444392	SSF x Far_LoA	-7,66721411	0,086	0,318
CHR8	4444455	CHR8:4444455	SSF x Far_LoA	-7,86649489	-0,097	0,310
CHR8	4444473	CHR8:4444473	SSF x Far_LoA	-7,30374425	-0,148	0,295
CHR8	4444474	CHR8:4444474	SSF x Far_LoA	-6,49756531	-0,124	0,283
CHR8	4444478	CHR8:4444478	SSF x Far_LoA	-9,05501925	-0,123	0,280
CHR8	4446869	CHR8:4446869	SSF x Far_LoA	-8,28392612	0,215	0,288
CHR8	4450653	CHR8:4450653	SSF x Far_LoA	-7,28923455	-0,153	0,290
CHR8	4453864	CHR8:4453864	SSF x Far_LoA	-9,88686679	-0,065	0,316
CHR8	4454232	CHR8:4454232	SSF x Far_LoA	-10,0145491	-0,116	0,304
CHR8	4454297	CHR8:4454297	SSF x Far_LoA	-11,5858915	-0,059	0,305
CHR8	4460023	CHR8:4460023	SSF x Far_LoA	-8,87334595	0,054	0,303
CHR8	4460057	CHR8:4460057	SSF x Far_LoA	-10,0592328	0,011	0,294
CHR8	4460059	CHR8:4460059	SSF x Far_LoA	-9,80676596	-0,023	0,311
CHR8	4460062	CHR8:4460062	SSF x Far_LoA	-10,4753405	0,066	0,302
CHR8	4460100	CHR8:4460100	SSF x Far_LoA	-10,7024812	0,023	0,301
CHR8	4461569	CHR8:4461569	SSF x Far_LoA	-5,4500993	0,160	0,300
CHR8	4461582	CHR8:4461582	SSF x Far_LoA	-6,74254545	-0,094	0,315
CHR8	4462531	CHR8:4462531	SSF x Far_LoA	-6,63519936	0,143	0,297

CHR8	4462655	CHR8:4462655	SSF x Far_LoA	-7,67100491	0,123	0,302
CHR8	4462784	CHR8:4462784	SSF x Far_LoA	-9,67599115	-0,034	0,306
CHR8	4467778	CHR8:4467778	SSF x Far_LoA	-5,58437962	0,024	0,324
CHR8	4467806	CHR8:4467806	SSF x Far_LoA	-10,8073204	0,069	0,310
CHR8	4467887	CHR8:4467887	SSF x Far_LoA	-7,88850007	0,051	0,308
CHR8	4467929	CHR8:4467929	SSF x Far_LoA	-8,21087534	0,042	0,328
CHR8	4467937	CHR8:4467937	SSF x Far_LoA	-7,80095078	-0,016	0,309
CHR8	4467944	CHR8:4467944	SSF x Far_LoA	-8,24277455	-0,001	0,312
CHR8	4467968	CHR8:4467968	SSF x Far_LoA	-8,5334699	0,028	0,297
CHR8	4467989	CHR8:4467989	SSF x Far_LoA	-10,0866534	0,088	0,295
CHR8	4468026	CHR8:4468026	SSF x Far_LoA	-9,6675373	-0,060	0,299
CHR8	4478251	CHR8:4478251	SSF x Far_LoA	-10,153246	0,055	0,303
CHR8	4478277	CHR8:4478277	SSF x Far_LoA	-9,46152126	-0,028	0,310
CHR8	4478279	CHR8:4478279	SSF x Far_LoA	-11,5560653	-0,034	0,299
CHR8	4478280	CHR8:4478280	SSF x Far_LoA	-9,87098415	-0,044	0,310
CHR8	4478333	CHR8:4478333	SSF x Far_LoA	-8,10663502	-0,053	0,303
CHR8	4486865	CHR8:4486865	SSF x Far_LoA	-8,13953266	-0,034	0,305
CHR8	4486903	CHR8:4486903	SSF x Far_LoA	-9,22840993	0,051	0,305
CHR8	4486971	CHR8:4486971	SSF x Far_LoA	-9,16163683	0,007	0,299
CHR8	4486993	CHR8:4486993	SSF x Far_LoA	-8,6859448	-0,008	0,308
CHR8	4487051	CHR8:4487051	SSF x Far_LoA	-5,50588291	0,001	0,317
CHR8	4487074	CHR8:4487074	SSF x Far_LoA	-9,37634877	0,020	0,305
CHR8	4487078	CHR8:4487078	SSF x Far_LoA	-8,52151723	-0,039	0,309
CHR8	4488357	CHR8:4488357	SSF x Far_LoA	-10,8189816	-0,042	0,308
CHR8	4488377	CHR8:4488377	SSF x Far_LoA	-9,81436505	0,105	0,303
CHR8	4488378	CHR8:4488378	SSF x Far_LoA	-10,0830331	0,136	0,298
CHR8	449013	CHR8:449013	SSF x Far_LoA	-10,2066343	0,062	0,314
CHR8	4492347	CHR8:4492347	SSF x Far_LoA	-10,9969925	0,009	0,310
CHR8	4495700	CHR8:4495700	SSF x Far_LoA	-7,27535994	-0,072	0,303
CHR8	4495713	CHR8:4495713	SSF x Far_LoA	-8,19178598	-0,027	0,309
CHR8	4495723	CHR8:4495723	SSF x Far_LoA	-9,52693972	-0,060	0,317
CHR8	4495766	CHR8:4495766	SSF x Far_LoA	-9,98179469	-0,036	0,314
CHR8	4495786	CHR8:4495786	SSF x Far_LoA	-9,9164444	-0,033	0,299
CHR8	4495841	CHR8:4495841	SSF x Far_LoA	-11,4790558	0,068	0,302
CHR8	4500293	CHR8:4500293	SSF x Far_LoA	-8,46107933	0,077	0,299
CHR8	4500344	CHR8:4500344	SSF x Far_LoA	-12,360672	0,075	0,298
CHR8	4500357	CHR8:4500357	SSF x Far_LoA	-8,75070591	-0,025	0,297
CHR8	4500983	CHR8:4500983	SSF x Far_LoA	-9,32109851	-0,047	0,291
CHR8	4500997	CHR8:4500997	SSF x Far_LoA	-4,7672598	-0,065	0,302
CHR8	4501003	CHR8:4501003	SSF x Far_LoA	4,63151309	0,003	0,311
CHR8	4501044	CHR8:4501044	SSF x Far_LoA	-10,4447339	-0,150	0,298
CHR8	4501060	CHR8:4501060	SSF x Far_LoA	-3,21851708	-0,168	0,316
CHR8	4506586	CHR8:4506586	SSF x Far_LoA	-9,60800747	-0,100	0,303
CHR8	4506593	CHR8:4506593	SSF x Far_LoA	-8,91418812	0,007	0,307
CHR8	4506631	CHR8:4506631	SSF x Far_LoA	-9,23597222	0,038	0,313
CHR8	4506742	CHR8:4506742	SSF x Far_LoA	-9,43938744	0,042	0,304
CHR8	4508429	CHR8:4508429	SSF x Far_LoA	-9,69658023	0,069	0,304
CHR8	4508472	CHR8:4508472	SSF x Far_LoA	-11,4182162	0,040	0,305
CHR8	451326	CHR8:451326	SSF x Far_LoA	-10,6594451	-0,124	0,309
CHR8	4516756	CHR8:4516756	SSF x Far_LoA	-9,18536945	-0,108	0,305
CHR8	4516757	CHR8:4516757	SSF x Far_LoA	-9,18063463	0,007	0,302
CHR8	4520886	CHR8:4520886	SSF x Far_LoA	-9,75592996	-0,015	0,304
CHR8	4521006	CHR8:4521006	SSF x Far_LoA	-10,2483921	-0,036	0,317

CHR8	4521020	CHR8:4521020	SSF x Far_LoA	-7,56888484	0,100	0,307
CHR8	4521021	CHR8:4521021	SSF x Far_LoA	-8,82067306	0,091	0,298
CHR8	453440	CHR8:453440	SSF x Far_LoA	-9,19298779	-0,120	0,301
CHR8	4537034	CHR8:4537034	SSF x Far_LoA	-8,2162163	0,055	0,307
CHR8	4541688	CHR8:4541688	SSF x Far_LoA	-6,81548636	-0,112	0,305
CHR8	4541691	CHR8:4541691	SSF x Far_LoA	-9,55012077	-0,149	0,307
CHR8	4541745	CHR8:4541745	SSF x Far_LoA	-11,6404973	-0,051	0,302
CHR8	4541746	CHR8:4541746	SSF x Far_LoA	-6,71605412	-0,024	0,310
CHR8	4542812	CHR8:4542812	SSF x Far_LoA	-6,69876554	-0,102	0,305
CHR8	4542834	CHR8:4542834	SSF x Far_LoA	-7,5555977	0,056	0,311
CHR8	4542836	CHR8:4542836	SSF x Far_LoA	-9,66439427	0,020	0,311
CHR8	454808	CHR8:454808	SSF x Far_LoA	-8,05267791	-0,101	0,309
CHR8	4553043	CHR8:4553043	SSF x Far_LoA	-7,29262094	-0,135	0,303
CHR8	4566768	CHR8:4566768	SSF x Far_LoA	-11,1103735	0,044	0,307
CHR8	4566919	CHR8:4566919	SSF x Far_LoA	-9,68714221	-0,018	0,302
CHR8	4566924	CHR8:4566924	SSF x Far_LoA	-10,1057652	-0,022	0,305
CHR8	4568181	CHR8:4568181	SSF x Far_LoA	-8,71297278	-0,099	0,303
CHR8	4568185	CHR8:4568185	SSF x Far_LoA	-6,53906736	-0,144	0,299
CHR8	4568234	CHR8:4568234	SSF x Far_LoA	-10,8139109	-0,076	0,311
CHR8	4568275	CHR8:4568275	SSF x Far_LoA	-9,95463228	-0,073	0,295
CHR8	4571113	CHR8:4571113	SSF x Far_LoA	-3,38812068	-0,064	0,318
CHR8	4571168	CHR8:4571168	SSF x Far_LoA	-8,18232699	-0,087	0,299
CHR8	4571185	CHR8:4571185	SSF x Far_LoA	-10,9776909	0,048	0,311
CHR8	4571209	CHR8:4571209	SSF x Far_LoA	-7,15379572	0,110	0,303
CHR8	4583071	CHR8:4583071	SSF x Far_LoA	-6,21030428	0,094	0,307
CHR8	4589071	CHR8:4589071	SSF x Far_LoA	-8,08752384	-0,123	0,304
CHR8	4589074	CHR8:4589074	SSF x Far_LoA	-10,184846	-0,115	0,309
CHR8	4589077	CHR8:4589077	SSF x Far_LoA	-9,88551156	-0,136	0,307
CHR8	4594899	CHR8:4594899	SSF x Far_LoA	-9,89877074	0,108	0,299
CHR8	4594952	CHR8:4594952	SSF x Far_LoA	-9,98988664	-0,046	0,303
CHR8	4595046	CHR8:4595046	SSF x Far_LoA	-6,86428507	-0,047	0,324
CHR8	4595313	CHR8:4595313	SSF x Far_LoA	-5,46755778	-0,067	0,320
CHR8	4602212	CHR8:4602212	SSF x Far_LoA	-11,3873144	0,138	0,295
CHR8	4602224	CHR8:4602224	SSF x Far_LoA	-10,7723833	-0,010	0,313
CHR8	4602433	CHR8:4602433	SSF x Far_LoA	-8,56381382	-0,096	0,307
CHR8	4602466	CHR8:4602466	SSF x Far_LoA	-2,86693374	-0,122	0,295
CHR8	4604869	CHR8:4604869	SSF x Far_LoA	-10,1168728	0,076	0,299
CHR8	4604876	CHR8:4604876	SSF x Far_LoA	-11,1190872	0,005	0,307
CHR8	4605362	CHR8:4605362	SSF x Far_LoA	-10,3683973	0,024	0,308
CHR8	4606989	CHR8:4606989	SSF x Far_LoA	-7,90104632	0,035	0,332
CHR8	4607060	CHR8:4607060	SSF x Far_LoA	-9,99757144	0,003	0,312
CHR8	4610269	CHR8:4610269	SSF x Far_LoA	-8,73300869	0,037	0,318
CHR8	4610278	CHR8:4610278	SSF x Far_LoA	-10,5292248	-0,051	0,312
CHR8	4610321	CHR8:4610321	SSF x Far_LoA	-8,8061693	0,047	0,309
CHR8	4613873	CHR8:4613873	SSF x Far_LoA	-8,93994858	0,018	0,311
CHR8	4613897	CHR8:4613897	SSF x Far_LoA	-10,7217213	0,059	0,308
CHR8	4613908	CHR8:4613908	SSF x Far_LoA	-6,59224687	-0,098	0,319
CHR8	4613947	CHR8:4613947	SSF x Far_LoA	-9,79822165	-0,004	0,321
CHR8	4613978	CHR8:4613978	SSF x Far_LoA	-9,2578534	-0,074	0,300
CHR8	4614135	CHR8:4614135	SSF x Far_LoA	-8,79714175	0,052	0,315
CHR8	4626322	CHR8:4626322	SSF x Far_LoA	-7,70908936	-0,132	0,308
CHR8	4626334	CHR8:4626334	SSF x Far_LoA	-9,51085664	-0,035	0,318
CHR8	4626372	CHR8:4626372	SSF x Far_LoA	-8,87719014	-0,056	0,300

CHR8	4630360	CHR8:4630360	SSF x Far_LoA	-10,8378008	0,003	0,323
CHR8	4633308	CHR8:4633308	SSF x Far_LoA	-9,11001952	-0,031	0,321
CHR8	4633349	CHR8:4633349	SSF x Far_LoA	-9,45287877	0,061	0,324
CHR8	4633355	CHR8:4633355	SSF x Far_LoA	-5,58759568	-0,007	0,323
CHR8	4633392	CHR8:4633392	SSF x Far_LoA	-10,6738413	0,097	0,298
CHR8	4633480	CHR8:4633480	SSF x Far_LoA	-10,9615184	0,073	0,302
CHR8	4633501	CHR8:4633501	SSF x Far_LoA	-9,82540039	0,034	0,319
CHR8	4633579	CHR8:4633579	SSF x Far_LoA	-5,69931031	0,121	0,307
CHR8	463430	CHR8:463430	SSF x Far_LoA	-9,61496525	-0,038	0,306
CHR8	463460	CHR8:463460	SSF x Far_LoA	-8,92213852	0,010	0,303
CHR8	463576	CHR8:463576	SSF x Far_LoA	-9,71802241	-0,083	0,304
CHR8	4641910	CHR8:4641910	SSF x Far_LoA	-8,43498429	0,005	0,304
CHR8	4658163	CHR8:4658163	SSF x Far_LoA	-9,49120217	-0,129	0,306
CHR8	4658206	CHR8:4658206	SSF x Far_LoA	-5,8722624	-0,101	0,292
CHR8	4658277	CHR8:4658277	SSF x Far_LoA	-8,83299287	0,015	0,299
CHR8	4666961	CHR8:4666961	SSF x Far_LoA	-11,6919529	-0,071	0,301
CHR8	4667055	CHR8:4667055	SSF x Far_LoA	-10,3574741	-0,081	0,291
CHR8	4667583	CHR8:4667583	SSF x Far_LoA	-5,31674791	-0,154	0,298
CHR8	4667587	CHR8:4667587	SSF x Far_LoA	-10,929397	-0,098	0,295
CHR8	4667634	CHR8:4667634	SSF x Far_LoA	-9,54831361	-0,039	0,306
CHR8	4679556	CHR8:4679556	SSF x Far_LoA	-2,05343859	-0,120	0,302
CHR8	4679570	CHR8:4679570	SSF x Far_LoA	-7,88109597	-0,100	0,299
CHR8	4679595	CHR8:4679595	SSF x Far_LoA	-11,0325065	-0,065	0,299
CHR8	4679618	CHR8:4679618	SSF x Far_LoA	-7,49206275	-0,043	0,301
CHR8	4679665	CHR8:4679665	SSF x Far_LoA	-11,2051953	-0,053	0,300
CHR8	4679675	CHR8:4679675	SSF x Far_LoA	-6,0100039	-0,150	0,302
CHR8	4679679	CHR8:4679679	SSF x Far_LoA	-3,23315544	-0,149	0,299
CHR8	4679684	CHR8:4679684	SSF x Far_LoA	-10,5321199	0,054	0,293
CHR8	4680288	CHR8:4680288	SSF x Far_LoA	-9,99290091	0,041	0,299
CHR8	4680289	CHR8:4680289	SSF x Far_LoA	-10,5537635	0,133	0,303
CHR8	4680323	CHR8:4680323	SSF x Far_LoA	-7,99053092	0,095	0,301
CHR8	4680359	CHR8:4680359	SSF x Far_LoA	-2,88319229	-0,025	0,308
CHR8	4682829	CHR8:4682829	SSF x Far_LoA	-8,91675326	-0,118	0,301
CHR8	4682999	CHR8:4682999	SSF x Far_LoA	-11,6490329	0,014	0,308
CHR8	4700837	CHR8:4700837	SSF x Far_LoA	-9,37816323	-0,043	0,302
CHR8	4705165	CHR8:4705165	SSF x Far_LoA	-8,72786382	0,083	0,307
CHR8	4705249	CHR8:4705249	SSF x Far_LoA	-7,86053256	0,070	0,296
CHR8	4707314	CHR8:4707314	SSF x Far_LoA	-1,77491482	0,100	0,295
CHR8	4707419	CHR8:4707419	SSF x Far_LoA	-12,2718039	-0,052	0,314
CHR8	4707434	CHR8:4707434	SSF x Far_LoA	-1,7626329	-0,234	0,290
CHR8	4707572	CHR8:4707572	SSF x Far_LoA	-11,3686294	0,029	0,322
CHR8	471343	CHR8:471343	SSF x Far_LoA	-6,70460312	-0,123	0,313
CHR8	471510	CHR8:471510	SSF x Far_LoA	-11,0560743	0,058	0,293
CHR8	4717262	CHR8:4717262	SSF x Far_LoA	-8,31574725	0,114	0,303
CHR8	4717294	CHR8:4717294	SSF x Far_LoA	-7,54754781	0,151	0,300
CHR8	4724226	CHR8:4724226	SSF x Far_LoA	-6,92397789	0,156	0,289
CHR8	4724855	CHR8:4724855	SSF x Far_LoA	-7,48410422	0,119	0,301
CHR8	4724923	CHR8:4724923	SSF x Far_LoA	-7,84196102	0,004	0,316
CHR8	4724937	CHR8:4724937	SSF x Far_LoA	-8,40052771	-0,030	0,320
CHR8	4724939	CHR8:4724939	SSF x Far_LoA	-8,24792039	-0,032	0,317
CHR8	4739635	CHR8:4739635	SSF x Far_LoA	-10,3257857	0,088	0,305
CHR8	4739661	CHR8:4739661	SSF x Far_LoA	-10,7938041	-0,004	0,310
CHR8	4748174	CHR8:4748174	SSF x Far_LoA	-11,6909589	0,010	0,317

CHR8	4748262	CHR8:4748262	SSF x Far_LoA	-10,2348613	0,026	0,305
CHR8	4748295	CHR8:4748295	SSF x Far_LoA	-4,80220237	-0,027	0,316
CHR8	4761171	CHR8:4761171	SSF x Far_LoA	-9,87136754	-0,016	0,286
CHR8	4763586	CHR8:4763586	SSF x Far_LoA	-10,0402192	0,015	0,307
CHR8	4763624	CHR8:4763624	SSF x Far_LoA	-7,78867677	0,057	0,307
CHR8	4763626	CHR8:4763626	SSF x Far_LoA	-7,69689016	0,105	0,293
CHR8	476908	CHR8:476908	SSF x Far_LoA	-3,76741468	0,105	0,296
CHR8	476958	CHR8:476958	SSF x Far_LoA	-9,066929	0,060	0,311
CHR8	476981	CHR8:476981	SSF x Far_LoA	-3,15731507	-0,118	0,316
CHR8	4777730	CHR8:4777730	SSF x Far_LoA	-8,98622491	0,028	0,304
CHR8	4777738	CHR8:4777738	SSF x Far_LoA	-10,2213454	-0,024	0,310
CHR8	4777776	CHR8:4777776	SSF x Far_LoA	-7,82423437	0,039	0,309
CHR8	4777801	CHR8:4777801	SSF x Far_LoA	-10,1426733	0,062	0,300
CHR8	4777810	CHR8:4777810	SSF x Far_LoA	-9,36320611	0,064	0,304
CHR8	4777816	CHR8:4777816	SSF x Far_LoA	-11,6796863	0,093	0,313
CHR8	4777841	CHR8:4777841	SSF x Far_LoA	-12,0906807	0,112	0,290
CHR8	4777941	CHR8:4777941	SSF x Far_LoA	-11,2159807	0,019	0,293
CHR8	4777946	CHR8:4777946	SSF x Far_LoA	-10,0007032	-0,017	0,307
CHR8	4784807	CHR8:4784807	SSF x Far_LoA	4,20370946	0,075	0,316
CHR8	4788259	CHR8:4788259	SSF x Far_LoA	-7,0191492	0,133	0,312
CHR8	4788335	CHR8:4788335	SSF x Far_LoA	-9,92044193	0,052	0,302
CHR8	4788336	CHR8:4788336	SSF x Far_LoA	-10,263493	0,049	0,305
CHR8	4788381	CHR8:4788381	SSF x Far_LoA	-10,269863	-0,115	0,297
CHR8	4788394	CHR8:4788394	SSF x Far_LoA	-7,24166378	-0,128	0,295
CHR8	4788494	CHR8:4788494	SSF x Far_LoA	-7,17547268	0,131	0,291
CHR8	4793007	CHR8:4793007	SSF x Far_LoA	-9,69123282	-0,075	0,290
CHR8	4793127	CHR8:4793127	SSF x Far_LoA	-11,230872	-0,025	0,306
CHR8	4797364	CHR8:4797364	SSF x Far_LoA	-9,37885902	0,070	0,319
CHR8	4797430	CHR8:4797430	SSF x Far_LoA	-3,86961736	0,118	0,315
CHR8	4797435	CHR8:4797435	SSF x Far_LoA	-8,83149165	0,084	0,308
CHR8	4797518	CHR8:4797518	SSF x Far_LoA	-9,69291626	0,014	0,305
CHR8	4797549	CHR8:4797549	SSF x Far_LoA	-11,2060954	-0,016	0,302
CHR8	4803823	CHR8:4803823	SSF x Far_LoA	-9,35195336	0,109	0,280
CHR8	4805827	CHR8:4805827	SSF x Far_LoA	-7,51543843	-0,064	0,319
CHR8	4812222	CHR8:4812222	SSF x Far_LoA	-9,20412779	0,005	0,313
CHR8	4845390	CHR8:4845390	SSF x Far_LoA	-12,0992297	0,059	0,296
CHR8	4845604	CHR8:4845604	SSF x Far_LoA	-8,57744518	0,107	0,303
CHR8	4866102	CHR8:4866102	SSF x Far_LoA	-11,386648	0,058	0,306
CHR8	4866486	CHR8:4866486	SSF x Far_LoA	-2,70751401	-0,119	0,315
CHR8	4874573	CHR8:4874573	SSF x Far_LoA	-9,25865837	0,032	0,302
CHR8	4887950	CHR8:4887950	SSF x Far_LoA	-7,81982562	-0,040	0,318
CHR8	4893003	CHR8:4893003	SSF x Far_LoA	-11,1675519	0,012	0,305
CHR8	489322	CHR8:489322	SSF x Far_LoA	-11,1399128	0,114	0,312
CHR8	4905256	CHR8:4905256	SSF x Far_LoA	-7,12049548	-0,044	0,306
CHR8	4911868	CHR8:4911868	SSF x Far_LoA	-9,92407494	-0,107	0,307
CHR8	492171	CHR8:492171	SSF x Far_LoA	-8,96001035	-0,117	0,305
CHR8	4922012	CHR8:4922012	SSF x Far_LoA	-8,25503879	0,025	0,307
CHR8	4922020	CHR8:4922020	SSF x Far_LoA	-12,0567255	-0,030	0,297
CHR8	4928982	CHR8:4928982	SSF x Far_LoA	-9,27959228	-0,046	0,309
CHR8	4929004	CHR8:4929004	SSF x Far_LoA	-8,50265852	0,081	0,305
CHR8	4929051	CHR8:4929051	SSF x Far_LoA	-9,04813475	-0,088	0,299
CHR8	4929060	CHR8:4929060	SSF x Far_LoA	-8,03867623	-0,093	0,310
CHR8	4932706	CHR8:4932706	SSF x Far_LoA	-6,09867051	0,155	0,303

CHR8	4932741	CHR8:4932741	SSF x Far_LoA	-8,7653189	0,022	0,302
CHR8	4932949	CHR8:4932949	SSF x Far_LoA	-8,28625176	-0,075	0,317
CHR8	4939146	CHR8:4939146	SSF x Far_LoA	-11,5154823	0,046	0,301
CHR8	4939169	CHR8:4939169	SSF x Far_LoA	-9,32764152	-0,135	0,305
CHR8	4939246	CHR8:4939246	SSF x Far_LoA	-9,81379227	0,095	0,317
CHR8	4939261	CHR8:4939261	SSF x Far_LoA	-6,37319994	-0,073	0,304
CHR8	4945899	CHR8:4945899	SSF x Far_LoA	-11,5714756	-0,102	0,299
CHR8	4945947	CHR8:4945947	SSF x Far_LoA	-9,65392472	-0,093	0,299
CHR8	4947865	CHR8:4947865	SSF x Far_LoA	-10,8145561	-0,048	0,312
CHR8	4947974	CHR8:4947974	SSF x Far_LoA	-8,479253	0,011	0,309
CHR8	4956252	CHR8:4956252	SSF x Far_LoA	-7,80227584	0,003	0,313
CHR8	4956412	CHR8:4956412	SSF x Far_LoA	-10,020403	0,064	0,306
CHR8	4956446	CHR8:4956446	SSF x Far_LoA	-9,30992392	-0,059	0,315
CHR8	4956450	CHR8:4956450	SSF x Far_LoA	-10,377179	-0,066	0,312
CHR8	4956462	CHR8:4956462	SSF x Far_LoA	-8,18875179	-0,030	0,319
CHR8	4956472	CHR8:4956472	SSF x Far_LoA	-8,70792996	-0,060	0,304
CHR8	4956484	CHR8:4956484	SSF x Far_LoA	-10,1452881	-0,062	0,312
CHR8	4958109	CHR8:4958109	SSF x Far_LoA	-6,88932064	-0,111	0,310
CHR8	4958112	CHR8:4958112	SSF x Far_LoA	-9,50194381	-0,055	0,314
CHR8	4958343	CHR8:4958343	SSF x Far_LoA	-9,67797571	-0,085	0,295
CHR8	4958347	CHR8:4958347	SSF x Far_LoA	-7,50782918	-0,159	0,311
CHR8	4958356	CHR8:4958356	SSF x Far_LoA	4,86710163	0,117	0,301
CHR8	4971370	CHR8:4971370	SSF x Far_LoA	-9,90195869	0,026	0,307
CHR8	4971395	CHR8:4971395	SSF x Far_LoA	-9,37207984	-0,021	0,315
CHR8	497246	CHR8:497246	SSF x Far_LoA	-7,54242921	-0,057	0,295
CHR8	497255	CHR8:497255	SSF x Far_LoA	-7,27364037	0,071	0,319
CHR8	4972741	CHR8:4972741	SSF x Far_LoA	-11,5790685	0,054	0,316
CHR8	4972766	CHR8:4972766	SSF x Far_LoA	-10,620427	0,017	0,311
CHR8	4974495	CHR8:4974495	SSF x Far_LoA	-9,89329241	0,006	0,307
CHR8	4987203	CHR8:4987203	SSF x Far_LoA	-8,68545463	0,008	0,312
CHR8	4987227	CHR8:4987227	SSF x Far_LoA	-11,350643	0,064	0,305
CHR8	4992177	CHR8:4992177	SSF x Far_LoA	-10,7744954	-0,089	0,306
CHR8	4992289	CHR8:4992289	SSF x Far_LoA	-10,9207251	-0,032	0,308
CHR8	5000259	CHR8:5000259	SSF x Far_LoA	-9,66089094	0,132	0,296
CHR8	5008832	CHR8:5008832	SSF x Far_LoA	-8,96732204	0,017	0,312
CHR8	5026853	CHR8:5026853	SSF x Far_LoA	-5,27790014	-0,081	0,301
CHR8	5026960	CHR8:5026960	SSF x Far_LoA	-8,15085781	-0,123	0,307
CHR8	503220	CHR8:503220	SSF x Far_LoA	-8,89378167	-0,101	0,302
CHR8	503312	CHR8:503312	SSF x Far_LoA	-7,75981064	-0,026	0,318
CHR8	503382	CHR8:503382	SSF x Far_LoA	-10,6689344	0,079	0,309
CHR8	5036365	CHR8:5036365	SSF x Far_LoA	-9,0790556	-0,014	0,298
CHR8	5039414	CHR8:5039414	SSF x Far_LoA	-10,4674585	0,099	0,294
CHR8	5039415	CHR8:5039415	SSF x Far_LoA	-9,22483297	0,120	0,300
CHR8	5039494	CHR8:5039494	SSF x Far_LoA	-9,17901648	0,090	0,314
CHR8	5039577	CHR8:5039577	SSF x Far_LoA	-9,41491154	0,010	0,295
CHR8	5039618	CHR8:5039618	SSF x Far_LoA	-6,51408501	0,008	0,318
CHR8	5039676	CHR8:5039676	SSF x Far_LoA	-8,92512267	0,078	0,306
CHR8	5041029	CHR8:5041029	SSF x Far_LoA	-9,67208289	0,017	0,303
CHR8	5041189	CHR8:5041189	SSF x Far_LoA	-7,0147789	-0,090	0,307
CHR8	5041195	CHR8:5041195	SSF x Far_LoA	-8,51474829	-0,068	0,311
CHR8	5050398	CHR8:5050398	SSF x Far_LoA	-9,22995239	0,088	0,305
CHR8	5050458	CHR8:5050458	SSF x Far_LoA	-3,92100031	0,091	0,315
CHR8	5050490	CHR8:5050490	SSF x Far_LoA	-7,62209079	-0,032	0,298

CHR8	5050496	CHR8:5050496	SSF x Far_LoA	-7,73829139	-0,004	0,306
CHR8	5051588	CHR8:5051588	SSF x Far_LoA	-9,14126822	0,051	0,306
CHR8	5052596	CHR8:5052596	SSF x Far_LoA	-5,91213747	0,101	0,305
CHR8	5052640	CHR8:5052640	SSF x Far_LoA	-8,95525752	0,109	0,308
CHR8	5052679	CHR8:5052679	SSF x Far_LoA	-8,39228589	-0,046	0,312
CHR8	5055489	CHR8:5055489	SSF x Far_LoA	-9,61930852	0,061	0,316
CHR8	5055512	CHR8:5055512	SSF x Far_LoA	-9,4673438	0,068	0,305
CHR8	5055516	CHR8:5055516	SSF x Far_LoA	-9,06333941	0,034	0,305
CHR8	5055527	CHR8:5055527	SSF x Far_LoA	-9,5630553	0,058	0,318
CHR8	5056682	CHR8:5056682	SSF x Far_LoA	-6,07981691	-0,054	0,311
CHR8	506527	CHR8:506527	SSF x Far_LoA	-9,46951773	-0,038	0,309
CHR8	506536	CHR8:506536	SSF x Far_LoA	-7,74034462	-0,077	0,312
CHR8	506598	CHR8:506598	SSF x Far_LoA	-11,3733879	-0,025	0,306
CHR8	506625	CHR8:506625	SSF x Far_LoA	-8,91723992	-0,027	0,309
CHR8	5078208	CHR8:5078208	SSF x Far_LoA	-11,5375438	0,105	0,303
CHR8	5084416	CHR8:5084416	SSF x Far_LoA	-4,39208301	0,077	0,306
CHR8	5084438	CHR8:5084438	SSF x Far_LoA	-5,60198477	0,033	0,312
CHR8	5086972	CHR8:5086972	SSF x Far_LoA	-8,00661739	0,078	0,300
CHR8	5093105	CHR8:5093105	SSF x Far_LoA	-6,29499657	0,093	0,304
CHR8	5093109	CHR8:5093109	SSF x Far_LoA	-5,6303024	0,012	0,312
CHR8	5093116	CHR8:5093116	SSF x Far_LoA	-8,51264471	-0,016	0,309
CHR8	5102577	CHR8:5102577	SSF x Far_LoA	-8,72840697	-0,121	0,314
CHR8	5102616	CHR8:5102616	SSF x Far_LoA	-0,16726792	0,189	0,302
CHR8	5102626	CHR8:5102626	SSF x Far_LoA	-9,40145483	0,068	0,294
CHR8	5102767	CHR8:5102767	SSF x Far_LoA	-10,2718914	0,123	0,302
CHR8	5102854	CHR8:5102854	SSF x Far_LoA	-5,30109961	0,088	0,296
CHR8	5109912	CHR8:5109912	SSF x Far_LoA	-11,4052138	-0,040	0,306
CHR8	5110113	CHR8:5110113	SSF x Far_LoA	-9,26316278	0,068	0,299
CHR8	5116150	CHR8:5116150	SSF x Far_LoA	-9,9335211	-0,042	0,311
CHR8	5116164	CHR8:5116164	SSF x Far_LoA	-9,26410905	-0,052	0,315
CHR8	5116233	CHR8:5116233	SSF x Far_LoA	-11,397693	0,006	0,319
CHR8	5128706	CHR8:5128706	SSF x Far_LoA	-8,82050817	-0,083	0,308
CHR8	5129889	CHR8:5129889	SSF x Far_LoA	-11,7658216	0,049	0,313
CHR8	5129894	CHR8:5129894	SSF x Far_LoA	-9,47898173	-0,021	0,302
CHR8	5129914	CHR8:5129914	SSF x Far_LoA	-11,7746855	0,012	0,323
CHR8	5129916	CHR8:5129916	SSF x Far_LoA	-9,25775819	-0,017	0,312
CHR8	5129934	CHR8:5129934	SSF x Far_LoA	-8,262626	0,021	0,311
CHR8	5129942	CHR8:5129942	SSF x Far_LoA	-6,7172413	-0,056	0,308
CHR8	5129976	CHR8:5129976	SSF x Far_LoA	-9,92876854	0,105	0,296
CHR8	5129980	CHR8:5129980	SSF x Far_LoA	-10,5510889	0,019	0,319
CHR8	5130248	CHR8:5130248	SSF x Far_LoA	-8,54899931	-0,041	0,314
CHR8	5130324	CHR8:5130324	SSF x Far_LoA	-10,399567	0,006	0,305
CHR8	5130350	CHR8:5130350	SSF x Far_LoA	-7,75713976	-0,036	0,315
CHR8	5149434	CHR8:5149434	SSF x Far_LoA	-9,29229758	-0,121	0,313
CHR8	5149480	CHR8:5149480	SSF x Far_LoA	-7,45310107	0,133	0,301
CHR8	5157007	CHR8:5157007	SSF x Far_LoA	-9,62107553	0,019	0,316
CHR8	5157010	CHR8:5157010	SSF x Far_LoA	-9,9099766	0,033	0,314
CHR8	5157216	CHR8:5157216	SSF x Far_LoA	-7,76600517	0,040	0,321
CHR8	5157246	CHR8:5157246	SSF x Far_LoA	-9,16419972	-0,001	0,304
CHR8	5165344	CHR8:5165344	SSF x Far_LoA	-10,6585292	-0,014	0,311
CHR8	5165395	CHR8:5165395	SSF x Far_LoA	-8,13506237	0,019	0,314
CHR8	5165465	CHR8:5165465	SSF x Far_LoA	-12,0875968	-0,016	0,302
CHR8	5165486	CHR8:5165486	SSF x Far_LoA	-10,5152791	0,058	0,312

CHR8	5165518	CHR8:5165518	SSF x Far_LoA	-8,71062884	-0,060	0,315
CHR8	5169057	CHR8:5169057	SSF x Far_LoA	-8,85299678	0,042	0,308
CHR8	5169094	CHR8:5169094	SSF x Far_LoA	-7,78871162	-0,090	0,323
CHR8	5169502	CHR8:5169502	SSF x Far_LoA	-10,5264745	-0,006	0,316
CHR8	5169525	CHR8:5169525	SSF x Far_LoA	-7,4250332	-0,018	0,304
CHR8	5169594	CHR8:5169594	SSF x Far_LoA	-5,88475201	0,103	0,315
CHR8	5169612	CHR8:5169612	SSF x Far_LoA	-10,8906613	0,010	0,317
CHR8	517581	CHR8:517581	SSF x Far_LoA	-10,4543661	0,048	0,304
CHR8	5178584	CHR8:5178584	SSF x Far_LoA	-10,9951636	-0,058	0,300
CHR8	5178623	CHR8:5178623	SSF x Far_LoA	-2,36611113	-0,012	0,310
CHR8	5183392	CHR8:5183392	SSF x Far_LoA	-10,5697058	0,025	0,309
CHR8	5183406	CHR8:5183406	SSF x Far_LoA	-7,51470778	0,001	0,311
CHR8	5192231	CHR8:5192231	SSF x Far_LoA	-8,13333193	-0,036	0,294
CHR8	5192262	CHR8:5192262	SSF x Far_LoA	-7,8242409	0,152	0,310
CHR8	5192263	CHR8:5192263	SSF x Far_LoA	-7,31468436	0,131	0,300
CHR8	5192265	CHR8:5192265	SSF x Far_LoA	-10,1104768	0,130	0,300
CHR8	5206741	CHR8:5206741	SSF x Far_LoA	-8,69015504	0,067	0,300
CHR8	5206759	CHR8:5206759	SSF x Far_LoA	-11,9683717	-0,056	0,293
CHR8	5206770	CHR8:5206770	SSF x Far_LoA	-0,46024312	0,038	0,326
CHR8	5238365	CHR8:5238365	SSF x Far_LoA	-9,04965686	0,021	0,297
CHR8	5239066	CHR8:5239066	SSF x Far_LoA	-9,41630375	0,020	0,315
CHR8	5252404	CHR8:5252404	SSF x Far_LoA	-9,66188833	0,045	0,313
CHR8	528349	CHR8:528349	SSF x Far_LoA	-10,2302035	0,080	0,294
CHR8	528379	CHR8:528379	SSF x Far_LoA	-11,5091905	0,024	0,295
CHR8	528442	CHR8:528442	SSF x Far_LoA	-5,08434092	0,117	0,299
CHR8	5297644	CHR8:5297644	SSF x Far_LoA	-10,7441816	0,086	0,312
CHR8	5304117	CHR8:5304117	SSF x Far_LoA	-7,85348527	-0,104	0,299
CHR8	5321737	CHR8:5321737	SSF x Far_LoA	-10,5783001	0,014	0,303
CHR8	5324879	CHR8:5324879	SSF x Far_LoA	-8,97629464	0,154	0,297
CHR8	5326510	CHR8:5326510	SSF x Far_LoA	-9,2812133	0,021	0,295
CHR8	533481	CHR8:533481	SSF x Far_LoA	-4,89376519	-0,121	0,316
CHR8	533712	CHR8:533712	SSF x Far_LoA	-10,6098077	-0,067	0,310
CHR8	5363338	CHR8:5363338	SSF x Far_LoA	-11,4579609	0,054	0,314
CHR8	537217	CHR8:537217	SSF x Far_LoA	-12,0246528	0,024	0,296
CHR8	5372864	CHR8:5372864	SSF x Far_LoA	-8,72317064	0,030	0,323
CHR8	537301	CHR8:537301	SSF x Far_LoA	-9,02800043	0,070	0,314
CHR8	5378702	CHR8:5378702	SSF x Far_LoA	-8,24723298	-0,074	0,297
CHR8	5383068	CHR8:5383068	SSF x Far_LoA	-9,60071317	0,014	0,288
CHR8	5383465	CHR8:5383465	SSF x Far_LoA	-9,47497611	0,099	0,312
CHR8	5384413	CHR8:5384413	SSF x Far_LoA	-7,00533245	0,069	0,303
CHR8	5384456	CHR8:5384456	SSF x Far_LoA	-10,0523571	-0,030	0,317
CHR8	5389164	CHR8:5389164	SSF x Far_LoA	-8,87395636	-0,033	0,304
CHR8	5389216	CHR8:5389216	SSF x Far_LoA	-9,99161504	-0,112	0,300
CHR8	5389249	CHR8:5389249	SSF x Far_LoA	-7,1927109	-0,128	0,314
CHR8	5389264	CHR8:5389264	SSF x Far_LoA	-11,212127	-0,034	0,299
CHR8	5389319	CHR8:5389319	SSF x Far_LoA	-7,10897836	0,138	0,309
CHR8	5389333	CHR8:5389333	SSF x Far_LoA	-10,9924306	-0,094	0,307
CHR8	5389394	CHR8:5389394	SSF x Far_LoA	-10,3431354	-0,016	0,299
CHR8	5389408	CHR8:5389408	SSF x Far_LoA	-7,80682631	0,149	0,294
CHR8	5400952	CHR8:5400952	SSF x Far_LoA	-10,5257165	0,012	0,296
CHR8	5401044	CHR8:5401044	SSF x Far_LoA	-5,04624745	-0,120	0,314
CHR8	5402865	CHR8:5402865	SSF x Far_LoA	-6,84665187	0,113	0,307
CHR8	5402866	CHR8:5402866	SSF x Far_LoA	-8,31566225	0,101	0,307

CHR8	5409588	CHR8:5409588	SSF x Far_LoA	-9,88397188	-0,008	0,297
CHR8	5409615	CHR8:5409615	SSF x Far_LoA	-9,40635929	0,012	0,303
CHR8	5409617	CHR8:5409617	SSF x Far_LoA	-10,7737393	-0,016	0,289
CHR8	5409674	CHR8:5409674	SSF x Far_LoA	-6,97061056	-0,093	0,318
CHR8	5411275	CHR8:5411275	SSF x Far_LoA	-11,1369123	0,017	0,311
CHR8	5411278	CHR8:5411278	SSF x Far_LoA	-11,3164011	-0,029	0,311
CHR8	5411522	CHR8:5411522	SSF x Far_LoA	-8,8371869	-0,181	0,285
CHR8	5415641	CHR8:5415641	SSF x Far_LoA	-11,512441	-0,011	0,320
CHR8	5415676	CHR8:5415676	SSF x Far_LoA	-9,33421981	0,080	0,311
CHR8	5415688	CHR8:5415688	SSF x Far_LoA	-7,50018658	0,072	0,321
CHR8	541824	CHR8:541824	SSF x Far_LoA	-8,64417728	-0,039	0,313
CHR8	541866	CHR8:541866	SSF x Far_LoA	-9,9201846	0,147	0,298
CHR8	541890	CHR8:541890	SSF x Far_LoA	-8,50627855	-0,080	0,316
CHR8	541905	CHR8:541905	SSF x Far_LoA	-8,68294974	-0,002	0,314
CHR8	541918	CHR8:541918	SSF x Far_LoA	-8,61822481	-0,024	0,298
CHR8	5422290	CHR8:5422290	SSF x Far_LoA	-8,13744434	0,126	0,308
CHR8	5422513	CHR8:5422513	SSF x Far_LoA	-8,05808111	-0,125	0,298
CHR8	5428331	CHR8:5428331	SSF x Far_LoA	-10,0960598	0,026	0,307
CHR8	5428379	CHR8:5428379	SSF x Far_LoA	-6,29411718	-0,218	0,295
CHR8	5428404	CHR8:5428404	SSF x Far_LoA	-8,77546269	-0,162	0,299
CHR8	5428446	CHR8:5428446	SSF x Far_LoA	-10,3365788	-0,049	0,299
CHR8	5428507	CHR8:5428507	SSF x Far_LoA	-8,9644822	-0,114	0,293
CHR8	5433607	CHR8:5433607	SSF x Far_LoA	-8,7688705	0,094	0,301
CHR8	5433612	CHR8:5433612	SSF x Far_LoA	-10,6770865	0,023	0,272
CHR8	5433626	CHR8:5433626	SSF x Far_LoA	-10,8986942	-0,050	0,321
CHR8	5433645	CHR8:5433645	SSF x Far_LoA	-7,63097294	0,136	0,289
CHR8	5433660	CHR8:5433660	SSF x Far_LoA	-11,8399681	-0,064	0,292
CHR8	5433668	CHR8:5433668	SSF x Far_LoA	-10,0337449	-0,083	0,294
CHR8	5438092	CHR8:5438092	SSF x Far_LoA	-6,50465008	-0,042	0,314
CHR8	5438162	CHR8:5438162	SSF x Far_LoA	-8,8675827	0,128	0,304
CHR8	5438241	CHR8:5438241	SSF x Far_LoA	-6,06255958	0,209	0,301
CHR8	5438271	CHR8:5438271	SSF x Far_LoA	-8,28226789	-0,039	0,298
CHR8	5438340	CHR8:5438340	SSF x Far_LoA	-8,66678538	-0,035	0,318
CHR8	5441879	CHR8:5441879	SSF x Far_LoA	-9,03929858	0,073	0,296
CHR8	5446358	CHR8:5446358	SSF x Far_LoA	-9,19830195	0,053	0,307
CHR8	5446375	CHR8:5446375	SSF x Far_LoA	-8,16744833	-0,089	0,308
CHR8	5446408	CHR8:5446408	SSF x Far_LoA	-8,29922749	-0,124	0,311
CHR8	5447365	CHR8:5447365	SSF x Far_LoA	-7,53053472	-0,076	0,309
CHR8	5447386	CHR8:5447386	SSF x Far_LoA	-8,02203257	-0,024	0,308
CHR8	5462099	CHR8:5462099	SSF x Far_LoA	-11,4616776	0,002	0,303
CHR8	5462117	CHR8:5462117	SSF x Far_LoA	-10,4039048	-0,063	0,308
CHR8	5462140	CHR8:5462140	SSF x Far_LoA	-8,97183964	0,052	0,309
CHR8	5462160	CHR8:5462160	SSF x Far_LoA	-9,57594047	0,058	0,291
CHR8	5462169	CHR8:5462169	SSF x Far_LoA	-10,6453929	-0,049	0,309
CHR8	5462211	CHR8:5462211	SSF x Far_LoA	-10,0070114	-0,051	0,297
CHR8	5462343	CHR8:5462343	SSF x Far_LoA	-8,53531933	-0,080	0,295
CHR8	5462378	CHR8:5462378	SSF x Far_LoA	-10,7044999	-0,120	0,293
CHR8	5466383	CHR8:5466383	SSF x Far_LoA	-10,0008402	-0,085	0,305
CHR8	5470761	CHR8:5470761	SSF x Far_LoA	-6,4447438	-0,131	0,297
CHR8	5472271	CHR8:5472271	SSF x Far_LoA	-10,1378292	-0,013	0,307
CHR8	5472295	CHR8:5472295	SSF x Far_LoA	-11,7607277	-0,108	0,299
CHR8	5473782	CHR8:5473782	SSF x Far_LoA	-10,4438229	0,032	0,307
CHR8	5475890	CHR8:5475890	SSF x Far_LoA	-10,5768225	0,081	0,311

CHR8	5475930	CHR8:5475930	SSF x Far_LoA	-10,5169256	-0,039	0,300
CHR8	5485935	CHR8:5485935	SSF x Far_LoA	-12,201674	0,059	0,299
CHR8	5489065	CHR8:5489065	SSF x Far_LoA	-7,85081576	0,071	0,313
CHR8	5489109	CHR8:5489109	SSF x Far_LoA	-9,52891691	-0,069	0,321
CHR8	5489146	CHR8:5489146	SSF x Far_LoA	-9,3851468	0,031	0,303
CHR8	5489182	CHR8:5489182	SSF x Far_LoA	-8,45645716	0,016	0,318
CHR8	5489186	CHR8:5489186	SSF x Far_LoA	-8,94258498	-0,056	0,297
CHR8	5489212	CHR8:5489212	SSF x Far_LoA	-8,74524216	-0,049	0,299
CHR8	5501067	CHR8:5501067	SSF x Far_LoA	-8,6573543	0,072	0,301
CHR8	5501137	CHR8:5501137	SSF x Far_LoA	-9,28222686	-0,078	0,303
CHR8	5501225	CHR8:5501225	SSF x Far_LoA	-9,9933158	0,075	0,303
CHR8	5501228	CHR8:5501228	SSF x Far_LoA	-9,2899419	0,094	0,296
CHR8	5502600	CHR8:5502600	SSF x Far_LoA	-10,4897931	-0,086	0,304
CHR8	5502618	CHR8:5502618	SSF x Far_LoA	-7,02657191	-0,003	0,302
CHR8	5502659	CHR8:5502659	SSF x Far_LoA	-9,10274059	-0,115	0,304
CHR8	550796	CHR8:550796	SSF x Far_LoA	-6,45982421	-0,019	0,314
CHR8	550879	CHR8:550879	SSF x Far_LoA	-9,64527721	0,009	0,306
CHR8	5544447	CHR8:5544447	SSF x Far_LoA	-10,2218063	-0,075	0,309
CHR8	5544448	CHR8:5544448	SSF x Far_LoA	-7,70552781	-0,100	0,316
CHR8	5544451	CHR8:5544451	SSF x Far_LoA	-6,79521174	0,117	0,310
CHR8	5544479	CHR8:5544479	SSF x Far_LoA	-6,6936031	0,090	0,307
CHR8	5544516	CHR8:5544516	SSF x Far_LoA	-4,45738326	-0,153	0,291
CHR8	5544655	CHR8:5544655	SSF x Far_LoA	-11,0014948	-0,044	0,311
CHR8	5558997	CHR8:5558997	SSF x Far_LoA	-3,41205887	0,172	0,289
CHR8	5559003	CHR8:5559003	SSF x Far_LoA	-9,27931465	0,153	0,282
CHR8	5559015	CHR8:5559015	SSF x Far_LoA	-10,2595885	-0,069	0,302
CHR8	5559030	CHR8:5559030	SSF x Far_LoA	-4,74339401	0,101	0,314
CHR8	5559139	CHR8:5559139	SSF x Far_LoA	-11,5684437	0,003	0,305
CHR8	5559158	CHR8:5559158	SSF x Far_LoA	-9,4241305	0,118	0,289
CHR8	5563991	CHR8:5563991	SSF x Far_LoA	-9,63188245	0,024	0,295
CHR8	5564018	CHR8:5564018	SSF x Far_LoA	-8,04812895	0,041	0,309
CHR8	5564044	CHR8:5564044	SSF x Far_LoA	-9,0697993	0,142	0,308
CHR8	5564047	CHR8:5564047	SSF x Far_LoA	-9,77539984	0,033	0,311
CHR8	5564074	CHR8:5564074	SSF x Far_LoA	-11,2476927	0,002	0,310
CHR8	5564094	CHR8:5564094	SSF x Far_LoA	-9,3713408	-0,114	0,308
CHR8	5564096	CHR8:5564096	SSF x Far_LoA	-9,84496934	0,082	0,307
CHR8	5564224	CHR8:5564224	SSF x Far_LoA	-8,06900173	-0,075	0,322
CHR8	5565984	CHR8:5565984	SSF x Far_LoA	-8,19618599	0,021	0,294
CHR8	5566012	CHR8:5566012	SSF x Far_LoA	-7,83461749	-0,079	0,307
CHR8	5566029	CHR8:5566029	SSF x Far_LoA	-11,6326392	-0,006	0,304
CHR8	5566193	CHR8:5566193	SSF x Far_LoA	-8,96335579	0,071	0,313
CHR8	5571870	CHR8:5571870	SSF x Far_LoA	-9,38827207	-0,092	0,309
CHR8	5571899	CHR8:5571899	SSF x Far_LoA	-10,1292369	-0,028	0,304
CHR8	5571951	CHR8:5571951	SSF x Far_LoA	-9,34799141	-0,044	0,316
CHR8	5571998	CHR8:5571998	SSF x Far_LoA	-11,2625172	-0,018	0,317
CHR8	5576256	CHR8:5576256	SSF x Far_LoA	-9,30766935	-0,099	0,307
CHR8	5576456	CHR8:5576456	SSF x Far_LoA	-9,43425731	0,038	0,301
CHR8	5583165	CHR8:5583165	SSF x Far_LoA	-11,7942691	0,033	0,300
CHR8	5588836	CHR8:5588836	SSF x Far_LoA	-11,3633167	-0,079	0,312
CHR8	5589074	CHR8:5589074	SSF x Far_LoA	-7,83298976	-0,136	0,304
CHR8	5589132	CHR8:5589132	SSF x Far_LoA	1,24213713	-0,098	0,306
CHR8	5592729	CHR8:5592729	SSF x Far_LoA	-10,0211364	0,054	0,303
CHR8	5599369	CHR8:5599369	SSF x Far_LoA	-8,78612975	-0,098	0,279

CHR8	5599396	CHR8:5599396	SSF x Far_LoA	-8,50068392	0,080	0,303
CHR8	5599465	CHR8:5599465	SSF x Far_LoA	-11,0712694	-0,028	0,308
CHR8	5602424	CHR8:5602424	SSF x Far_LoA	-7,74329868	0,006	0,308
CHR8	5604516	CHR8:5604516	SSF x Far_LoA	-11,1240186	0,044	0,303
CHR8	560493	CHR8:560493	SSF x Far_LoA	-8,80539889	0,108	0,310
CHR8	560611	CHR8:560611	SSF x Far_LoA	-10,1603537	0,013	0,310
CHR8	560622	CHR8:560622	SSF x Far_LoA	-6,86305784	0,136	0,307
CHR8	5621395	CHR8:5621395	SSF x Far_LoA	-11,2057222	0,114	0,310
CHR8	5621405	CHR8:5621405	SSF x Far_LoA	-11,5238532	-0,049	0,305
CHR8	5621479	CHR8:5621479	SSF x Far_LoA	-8,55739207	-0,103	0,311
CHR8	5621516	CHR8:5621516	SSF x Far_LoA	-9,14003719	-0,075	0,310
CHR8	5622588	CHR8:5622588	SSF x Far_LoA	-10,2407316	-0,095	0,298
CHR8	5622639	CHR8:5622639	SSF x Far_LoA	-7,03327208	0,023	0,324
CHR8	5622658	CHR8:5622658	SSF x Far_LoA	-7,93772261	-0,162	0,307
CHR8	5622659	CHR8:5622659	SSF x Far_LoA	-6,63919089	-0,141	0,297
CHR8	5622676	CHR8:5622676	SSF x Far_LoA	-9,62981113	0,155	0,298
CHR8	5630995	CHR8:5630995	SSF x Far_LoA	-7,42968598	-0,030	0,294
CHR8	5631003	CHR8:5631003	SSF x Far_LoA	-11,4454974	-0,075	0,303
CHR8	5631018	CHR8:5631018	SSF x Far_LoA	-9,01356224	0,072	0,307
CHR8	5631020	CHR8:5631020	SSF x Far_LoA	-8,81909839	0,069	0,315
CHR8	5631025	CHR8:5631025	SSF x Far_LoA	-7,23547507	0,138	0,307
CHR8	5631032	CHR8:5631032	SSF x Far_LoA	-7,27288911	-0,108	0,293
CHR8	563443	CHR8:563443	SSF x Far_LoA	-9,61550823	0,035	0,308
CHR8	563726	CHR8:563726	SSF x Far_LoA	-10,4741587	-0,128	0,301
CHR8	563759	CHR8:563759	SSF x Far_LoA	-8,67113472	-0,143	0,304
CHR8	5638799	CHR8:5638799	SSF x Far_LoA	-11,8022422	-0,016	0,312
CHR8	5638841	CHR8:5638841	SSF x Far_LoA	-10,6988156	0,055	0,314
CHR8	5638854	CHR8:5638854	SSF x Far_LoA	-9,19953505	-0,038	0,317
CHR8	5638864	CHR8:5638864	SSF x Far_LoA	-9,77318014	-0,001	0,317
CHR8	5638913	CHR8:5638913	SSF x Far_LoA	-6,98961689	-0,074	0,307
CHR8	5638921	CHR8:5638921	SSF x Far_LoA	-8,60995284	-0,079	0,305
CHR8	5640481	CHR8:5640481	SSF x Far_LoA	-9,94478093	-0,004	0,293
CHR8	5640499	CHR8:5640499	SSF x Far_LoA	-8,02189754	-0,081	0,303
CHR8	5640580	CHR8:5640580	SSF x Far_LoA	-9,39646373	0,037	0,307
CHR8	5640679	CHR8:5640679	SSF x Far_LoA	-9,51292525	-0,021	0,304
CHR8	5646661	CHR8:5646661	SSF x Far_LoA	-12,0229464	-0,023	0,317
CHR8	5646776	CHR8:5646776	SSF x Far_LoA	-10,4584533	0,104	0,290
CHR8	5656116	CHR8:5656116	SSF x Far_LoA	-9,06252502	0,039	0,297
CHR8	5656117	CHR8:5656117	SSF x Far_LoA	-9,61984698	0,037	0,292
CHR8	5656264	CHR8:5656264	SSF x Far_LoA	-7,78589268	0,049	0,280
CHR8	5661212	CHR8:5661212	SSF x Far_LoA	-8,4607167	-0,081	0,300
CHR8	5661222	CHR8:5661222	SSF x Far_LoA	-10,7793013	0,087	0,302
CHR8	5661224	CHR8:5661224	SSF x Far_LoA	-10,098734	-0,088	0,306
CHR8	5671927	CHR8:5671927	SSF x Far_LoA	-10,6605226	0,057	0,297
CHR8	5671979	CHR8:5671979	SSF x Far_LoA	-8,00849621	-0,151	0,296
CHR8	5683229	CHR8:5683229	SSF x Far_LoA	-8,25776194	0,119	0,304
CHR8	5683317	CHR8:5683317	SSF x Far_LoA	-9,09202947	-0,075	0,263
CHR8	5683319	CHR8:5683319	SSF x Far_LoA	-8,16056925	-0,103	0,273
CHR8	5683325	CHR8:5683325	SSF x Far_LoA	15,9073474	-0,186	0,279
CHR8	5683349	CHR8:5683349	SSF x Far_LoA	-3,16319899	-0,192	0,283
CHR8	5683366	CHR8:5683366	SSF x Far_LoA	-8,43450625	-0,071	0,292
CHR8	5683416	CHR8:5683416	SSF x Far_LoA	-9,46191809	-0,079	0,292
CHR8	5683447	CHR8:5683447	SSF x Far_LoA	-12,2630375	0,018	0,296

CHR8	5690420	CHR8:5690420	SSF x Far_LoA	-11,7035381	0,101	0,303
CHR8	5690471	CHR8:5690471	SSF x Far_LoA	-7,08721581	0,000	0,305
CHR8	5690472	CHR8:5690472	SSF x Far_LoA	-8,809649	-0,009	0,310
CHR8	5690494	CHR8:5690494	SSF x Far_LoA	-1,56447525	-0,034	0,312
CHR8	5690518	CHR8:5690518	SSF x Far_LoA	-9,91895021	-0,001	0,307
CHR8	5690529	CHR8:5690529	SSF x Far_LoA	-8,68502197	0,020	0,316
CHR8	5690565	CHR8:5690565	SSF x Far_LoA	-11,4749066	0,043	0,315
CHR8	5690586	CHR8:5690586	SSF x Far_LoA	-8,89886556	-0,012	0,312
CHR8	5690588	CHR8:5690588	SSF x Far_LoA	-10,6123015	-0,041	0,302
CHR8	5690596	CHR8:5690596	SSF x Far_LoA	-9,70270088	0,035	0,292
CHR8	5695254	CHR8:5695254	SSF x Far_LoA	-8,90083501	-0,049	0,315
CHR8	5695680	CHR8:5695680	SSF x Far_LoA	-9,46203134	-0,085	0,306
CHR8	5695704	CHR8:5695704	SSF x Far_LoA	-10,2953528	-0,056	0,303
CHR8	5695712	CHR8:5695712	SSF x Far_LoA	-9,67205928	0,031	0,311
CHR8	5706430	CHR8:5706430	SSF x Far_LoA	-9,66702175	-0,045	0,313
CHR8	5708683	CHR8:5708683	SSF x Far_LoA	-10,170654	0,123	0,322
CHR8	5708703	CHR8:5708703	SSF x Far_LoA	2,88438921	0,082	0,300
CHR8	5708854	CHR8:5708854	SSF x Far_LoA	-8,68138851	0,112	0,312
CHR8	5709567	CHR8:5709567	SSF x Far_LoA	-11,4331166	0,078	0,316
CHR8	5709650	CHR8:5709650	SSF x Far_LoA	-10,9774977	0,094	0,302
CHR8	5713521	CHR8:5713521	SSF x Far_LoA	-9,09240381	-0,093	0,316
CHR8	5713603	CHR8:5713603	SSF x Far_LoA	-2,78613272	0,060	0,311
CHR8	5713700	CHR8:5713700	SSF x Far_LoA	-7,89757603	-0,099	0,306
CHR8	5713703	CHR8:5713703	SSF x Far_LoA	-8,75911686	-0,062	0,314
CHR8	5716252	CHR8:5716252	SSF x Far_LoA	-11,1733295	-0,071	0,278
CHR8	5716261	CHR8:5716261	SSF x Far_LoA	-9,91637694	0,009	0,310
CHR8	5716278	CHR8:5716278	SSF x Far_LoA	-11,4641015	-0,031	0,319
CHR8	5716281	CHR8:5716281	SSF x Far_LoA	-10,1357331	-0,023	0,320
CHR8	5718004	CHR8:5718004	SSF x Far_LoA	-9,66762322	-0,052	0,315
CHR8	5718074	CHR8:5718074	SSF x Far_LoA	-8,06049411	-0,064	0,300
CHR8	5718092	CHR8:5718092	SSF x Far_LoA	-9,29661706	0,028	0,303
CHR8	5718106	CHR8:5718106	SSF x Far_LoA	-9,13672857	0,009	0,310
CHR8	5718128	CHR8:5718128	SSF x Far_LoA	-9,41402341	0,013	0,302
CHR8	5718129	CHR8:5718129	SSF x Far_LoA	-9,00754369	0,013	0,315
CHR8	5721381	CHR8:5721381	SSF x Far_LoA	-10,7071562	-0,018	0,301
CHR8	5730238	CHR8:5730238	SSF x Far_LoA	-7,61362321	0,170	0,308
CHR8	5730247	CHR8:5730247	SSF x Far_LoA	-8,59199986	-0,030	0,293
CHR8	5730327	CHR8:5730327	SSF x Far_LoA	-7,62710917	0,055	0,312
CHR8	573738	CHR8:573738	SSF x Far_LoA	-9,20522584	0,148	0,295
CHR8	573832	CHR8:573832	SSF x Far_LoA	-9,693921	-0,005	0,315
CHR8	5739114	CHR8:5739114	SSF x Far_LoA	-8,8364936	-0,027	0,311
CHR8	5741094	CHR8:5741094	SSF x Far_LoA	-9,83478092	0,093	0,318
CHR8	5741246	CHR8:5741246	SSF x Far_LoA	-12,4913106	0,000	0,301
CHR8	5741286	CHR8:5741286	SSF x Far_LoA	-8,86082325	0,111	0,284
CHR8	5744406	CHR8:5744406	SSF x Far_LoA	-7,04787136	-0,042	0,311
CHR8	5744421	CHR8:5744421	SSF x Far_LoA	-11,4840592	-0,022	0,300
CHR8	5744424	CHR8:5744424	SSF x Far_LoA	-4,76329454	-0,042	0,309
CHR8	5744426	CHR8:5744426	SSF x Far_LoA	-8,44808781	-0,110	0,285
CHR8	5744486	CHR8:5744486	SSF x Far_LoA	-9,8662296	-0,086	0,289
CHR8	5744575	CHR8:5744575	SSF x Far_LoA	-10,1199895	0,087	0,307
CHR8	5752305	CHR8:5752305	SSF x Far_LoA	-9,87633976	-0,080	0,311
CHR8	5752308	CHR8:5752308	SSF x Far_LoA	-8,42866936	0,070	0,304
CHR8	5752355	CHR8:5752355	SSF x Far_LoA	-8,88695461	0,172	0,293

CHR8	5752366	CHR8:5752366	SSF x Far_LoA	-10,9297613	-0,076	0,317
CHR8	5752425	CHR8:5752425	SSF x Far_LoA	-9,708117	-0,116	0,300
CHR8	5752525	CHR8:5752525	SSF x Far_LoA	-9,45223201	0,068	0,321
CHR8	5763818	CHR8:5763818	SSF x Far_LoA	-7,94023132	0,066	0,304
CHR8	5763877	CHR8:5763877	SSF x Far_LoA	-7,64430818	0,141	0,299
CHR8	5765316	CHR8:5765316	SSF x Far_LoA	-11,0065741	0,019	0,295
CHR8	5768077	CHR8:5768077	SSF x Far_LoA	-10,9475338	0,052	0,297
CHR8	5768121	CHR8:5768121	SSF x Far_LoA	-8,84742261	0,053	0,305
CHR8	5768170	CHR8:5768170	SSF x Far_LoA	-10,9021497	0,099	0,306
CHR8	5768199	CHR8:5768199	SSF x Far_LoA	-10,0979594	0,010	0,317
CHR8	5772846	CHR8:5772846	SSF x Far_LoA	-9,15153681	0,030	0,310
CHR8	5772948	CHR8:5772948	SSF x Far_LoA	-11,3469046	-0,018	0,297
CHR8	5772963	CHR8:5772963	SSF x Far_LoA	-11,266761	-0,003	0,293
CHR8	5773166	CHR8:5773166	SSF x Far_LoA	-12,298769	0,046	0,303
CHR8	5773185	CHR8:5773185	SSF x Far_LoA	-9,02030892	0,032	0,324
CHR8	5773214	CHR8:5773214	SSF x Far_LoA	-7,99251007	-0,182	0,289
CHR8	5773224	CHR8:5773224	SSF x Far_LoA	-10,5840796	0,102	0,315
CHR8	5773237	CHR8:5773237	SSF x Far_LoA	-9,48392193	0,048	0,313
CHR8	5773246	CHR8:5773246	SSF x Far_LoA	-2,59258913	-0,105	0,282
CHR8	5773254	CHR8:5773254	SSF x Far_LoA	-9,23408806	-0,066	0,299
CHR8	5773270	CHR8:5773270	SSF x Far_LoA	-0,91232944	-0,190	0,301
CHR8	5773289	CHR8:5773289	SSF x Far_LoA	-8,33203609	-0,163	0,292
CHR8	5774999	CHR8:5774999	SSF x Far_LoA	-7,8300211	0,132	0,291
CHR8	5775016	CHR8:5775016	SSF x Far_LoA	-7,79957799	0,005	0,314
CHR8	5775056	CHR8:5775056	SSF x Far_LoA	-8,50556293	0,062	0,308
CHR8	5775064	CHR8:5775064	SSF x Far_LoA	-9,47821531	0,098	0,291
CHR8	5775094	CHR8:5775094	SSF x Far_LoA	-10,0117353	-0,091	0,307
CHR8	5775107	CHR8:5775107	SSF x Far_LoA	-11,458553	-0,040	0,312
CHR8	5775190	CHR8:5775190	SSF x Far_LoA	-8,95113847	0,121	0,289
CHR8	5775199	CHR8:5775199	SSF x Far_LoA	-10,814039	0,072	0,306
CHR8	5775206	CHR8:5775206	SSF x Far_LoA	-9,34471938	0,051	0,309
CHR8	5775248	CHR8:5775248	SSF x Far_LoA	-8,90606476	0,113	0,293
CHR8	5778860	CHR8:5778860	SSF x Far_LoA	-9,10959671	-0,048	0,311
CHR8	5778861	CHR8:5778861	SSF x Far_LoA	-10,0717399	0,164	0,276
CHR8	5778863	CHR8:5778863	SSF x Far_LoA	-8,88758534	-0,088	0,315
CHR8	5778889	CHR8:5778889	SSF x Far_LoA	-10,3267226	0,037	0,306
CHR8	5779052	CHR8:5779052	SSF x Far_LoA	-9,68230725	-0,024	0,311
CHR8	5780546	CHR8:5780546	SSF x Far_LoA	-10,4311401	-0,047	0,294
CHR8	5791130	CHR8:5791130	SSF x Far_LoA	-9,24793485	-0,148	0,307
CHR8	5791184	CHR8:5791184	SSF x Far_LoA	-9,55324128	0,120	0,306
CHR8	5791192	CHR8:5791192	SSF x Far_LoA	-7,41875423	-0,058	0,309
CHR8	5801919	CHR8:5801919	SSF x Far_LoA	-9,62543051	0,024	0,323
CHR8	5801975	CHR8:5801975	SSF x Far_LoA	-9,15486208	-0,012	0,320
CHR8	5801977	CHR8:5801977	SSF x Far_LoA	-8,16663735	-0,136	0,313
CHR8	5801990	CHR8:5801990	SSF x Far_LoA	-3,42088512	0,001	0,307
CHR8	5802060	CHR8:5802060	SSF x Far_LoA	-9,33431908	0,000	0,289
CHR8	5802073	CHR8:5802073	SSF x Far_LoA	-7,47683245	-0,094	0,281
CHR8	5802120	CHR8:5802120	SSF x Far_LoA	-8,43010291	0,121	0,311
CHR8	5802167	CHR8:5802167	SSF x Far_LoA	-11,2169317	0,045	0,316
CHR8	580432	CHR8:580432	SSF x Far_LoA	-11,9854988	-0,010	0,301
CHR8	580560	CHR8:580560	SSF x Far_LoA	-9,41040469	-0,069	0,318
CHR8	580561	CHR8:580561	SSF x Far_LoA	-7,61693962	-0,058	0,312
CHR8	580570	CHR8:580570	SSF x Far_LoA	-7,88719552	0,109	0,306

CHR8	580690	CHR8:580690	SSF x Far_LoA	6,64394284	-0,005	0,321
CHR8	580752	CHR8:580752	SSF x Far_LoA	-10,5043852	-0,053	0,305
CHR8	5809139	CHR8:5809139	SSF x Far_LoA	-9,78963589	-0,052	0,320
CHR8	5809147	CHR8:5809147	SSF x Far_LoA	-5,31716107	0,114	0,320
CHR8	5809214	CHR8:5809214	SSF x Far_LoA	-3,86796042	0,099	0,305
CHR8	5811872	CHR8:5811872	SSF x Far_LoA	-10,3510371	-0,093	0,304
CHR8	5818588	CHR8:5818588	SSF x Far_LoA	-9,18219111	0,005	0,302
CHR8	5818600	CHR8:5818600	SSF x Far_LoA	-10,7434343	-0,035	0,311
CHR8	5818614	CHR8:5818614	SSF x Far_LoA	-8,77702463	0,085	0,307
CHR8	5822015	CHR8:5822015	SSF x Far_LoA	-11,5183988	0,054	0,320
CHR8	5823249	CHR8:5823249	SSF x Far_LoA	-10,0454693	-0,083	0,314
CHR8	5823318	CHR8:5823318	SSF x Far_LoA	-8,50901036	0,102	0,314
CHR8	5823327	CHR8:5823327	SSF x Far_LoA	-8,82485778	0,112	0,298
CHR8	5825921	CHR8:5825921	SSF x Far_LoA	-10,6038698	-0,048	0,312
CHR8	583913	CHR8:583913	SSF x Far_LoA	-6,3164603	-0,105	0,307
CHR8	5841472	CHR8:5841472	SSF x Far_LoA	-7,58729823	-0,029	0,312
CHR8	5841506	CHR8:5841506	SSF x Far_LoA	-8,49217318	0,015	0,317
CHR8	5841582	CHR8:5841582	SSF x Far_LoA	-8,11978034	0,131	0,303
CHR8	5841593	CHR8:5841593	SSF x Far_LoA	-6,15013236	0,195	0,292
CHR8	5841595	CHR8:5841595	SSF x Far_LoA	-8,08156506	-0,161	0,294
CHR8	5841600	CHR8:5841600	SSF x Far_LoA	-7,76942199	0,119	0,302
CHR8	5841627	CHR8:5841627	SSF x Far_LoA	-7,07694125	0,104	0,300
CHR8	5848875	CHR8:5848875	SSF x Far_LoA	-7,11003998	0,165	0,288
CHR8	5848914	CHR8:5848914	SSF x Far_LoA	-9,01979789	0,014	0,308
CHR8	5848915	CHR8:5848915	SSF x Far_LoA	-8,33368524	-0,095	0,287
CHR8	5849060	CHR8:5849060	SSF x Far_LoA	-9,03064526	0,021	0,300
CHR8	5849215	CHR8:5849215	SSF x Far_LoA	-9,41479593	0,146	0,300
CHR8	5887213	CHR8:5887213	SSF x Far_LoA	-11,2567547	0,061	0,310
CHR8	5889723	CHR8:5889723	SSF x Far_LoA	-8,51618337	0,147	0,289
CHR8	5899120	CHR8:5899120	SSF x Far_LoA	-8,86564136	0,023	0,326
CHR8	5899293	CHR8:5899293	SSF x Far_LoA	-8,72404546	0,171	0,299
CHR8	5899357	CHR8:5899357	SSF x Far_LoA	-11,131581	0,050	0,299
CHR8	5905775	CHR8:5905775	SSF x Far_LoA	-9,81542523	0,071	0,320
CHR8	5925731	CHR8:5925731	SSF x Far_LoA	-9,49838521	-0,063	0,304
CHR8	5925910	CHR8:5925910	SSF x Far_LoA	-9,03491806	0,045	0,314
CHR8	5935491	CHR8:5935491	SSF x Far_LoA	-10,9259368	0,025	0,298
CHR8	5935554	CHR8:5935554	SSF x Far_LoA	-5,97790743	-0,174	0,308
CHR8	5935586	CHR8:5935586	SSF x Far_LoA	-10,0588982	0,022	0,300
CHR8	5935860	CHR8:5935860	SSF x Far_LoA	-9,62884307	0,013	0,296
CHR8	5935945	CHR8:5935945	SSF x Far_LoA	-8,32333085	0,086	0,304
CHR8	5935955	CHR8:5935955	SSF x Far_LoA	-7,42447465	-0,007	0,300
CHR8	5939329	CHR8:5939329	SSF x Far_LoA	-11,3498163	0,040	0,311
CHR8	5939358	CHR8:5939358	SSF x Far_LoA	-11,4982246	-0,081	0,308
CHR8	5942289	CHR8:5942289	SSF x Far_LoA	-9,57824945	-0,050	0,315
CHR8	5942306	CHR8:5942306	SSF x Far_LoA	-8,72801748	0,094	0,313
CHR8	5942316	CHR8:5942316	SSF x Far_LoA	-6,99138918	-0,045	0,314
CHR8	5942448	CHR8:5942448	SSF x Far_LoA	-9,80455268	0,068	0,296
CHR8	5942456	CHR8:5942456	SSF x Far_LoA	-9,1365466	0,117	0,306
CHR8	5942463	CHR8:5942463	SSF x Far_LoA	-11,1054055	-0,038	0,295
CHR8	5942464	CHR8:5942464	SSF x Far_LoA	-6,26254628	-0,029	0,305
CHR8	5948312	CHR8:5948312	SSF x Far_LoA	-8,5286784	0,117	0,299
CHR8	5948449	CHR8:5948449	SSF x Far_LoA	-11,0394304	0,128	0,288
CHR8	5948591	CHR8:5948591	SSF x Far_LoA	-4,51370206	0,164	0,296

CHR8	5948592	CHR8:5948592	SSF x Far_LoA	-11,7194631	0,091	0,280
CHR8	5950410	CHR8:5950410	SSF x Far_LoA	-6,96828332	-0,058	0,315
CHR8	5950501	CHR8:5950501	SSF x Far_LoA	-7,67005548	-0,140	0,301
CHR8	5950532	CHR8:5950532	SSF x Far_LoA	-9,23094726	-0,135	0,290
CHR8	5950540	CHR8:5950540	SSF x Far_LoA	-11,6162901	0,029	0,297
CHR8	5950547	CHR8:5950547	SSF x Far_LoA	-10,9640673	-0,094	0,301
CHR8	5950550	CHR8:5950550	SSF x Far_LoA	-9,35775989	-0,132	0,295
CHR8	5955269	CHR8:5955269	SSF x Far_LoA	-11,4074824	0,074	0,297
CHR8	5955273	CHR8:5955273	SSF x Far_LoA	-11,9504236	0,090	0,292
CHR8	5955512	CHR8:5955512	SSF x Far_LoA	-11,0100244	-0,040	0,299
CHR8	5958787	CHR8:5958787	SSF x Far_LoA	-0,16064044	-0,085	0,297
CHR8	5958826	CHR8:5958826	SSF x Far_LoA	-9,52537597	0,043	0,313
CHR8	5958833	CHR8:5958833	SSF x Far_LoA	-9,98022584	0,008	0,311
CHR8	5958860	CHR8:5958860	SSF x Far_LoA	-7,3385757	-0,044	0,302
CHR8	5958988	CHR8:5958988	SSF x Far_LoA	-10,0195681	-0,100	0,297
CHR8	5962808	CHR8:5962808	SSF x Far_LoA	-7,55243538	-0,021	0,307
CHR8	5982923	CHR8:5982923	SSF x Far_LoA	-7,45725047	-0,077	0,311
CHR8	5982979	CHR8:5982979	SSF x Far_LoA	-8,32667001	-0,071	0,312
CHR8	5982987	CHR8:5982987	SSF x Far_LoA	-7,9647757	0,071	0,325
CHR8	5983031	CHR8:5983031	SSF x Far_LoA	-9,8536328	-0,126	0,297
CHR8	5983040	CHR8:5983040	SSF x Far_LoA	-10,8998913	0,090	0,306
CHR8	5983043	CHR8:5983043	SSF x Far_LoA	-11,6054795	0,119	0,306
CHR8	5983067	CHR8:5983067	SSF x Far_LoA	-8,45282877	-0,069	0,303
CHR8	5983082	CHR8:5983082	SSF x Far_LoA	-7,25855022	-0,156	0,300
CHR8	5983103	CHR8:5983103	SSF x Far_LoA	-8,94148504	-0,121	0,306
CHR8	5983114	CHR8:5983114	SSF x Far_LoA	-7,03613277	-0,116	0,300
CHR8	5987911	CHR8:5987911	SSF x Far_LoA	-9,37643431	0,071	0,292
CHR8	5987952	CHR8:5987952	SSF x Far_LoA	-12,2570895	0,068	0,300
CHR8	5990408	CHR8:5990408	SSF x Far_LoA	-10,4168066	-0,036	0,301
CHR8	60011	CHR8:60011	SSF x Far_LoA	-10,1981145	0,112	0,310
CHR8	6009151	CHR8:6009151	SSF x Far_LoA	-9,20306142	-0,175	0,297
CHR8	6009283	CHR8:6009283	SSF x Far_LoA	-11,5693982	0,037	0,308
CHR8	6016456	CHR8:6016456	SSF x Far_LoA	-11,8382267	0,016	0,289
CHR8	6017322	CHR8:6017322	SSF x Far_LoA	-10,2616437	0,014	0,306
CHR8	6017344	CHR8:6017344	SSF x Far_LoA	-9,37394042	-0,119	0,292
CHR8	6017498	CHR8:6017498	SSF x Far_LoA	-9,44101546	-0,021	0,305
CHR8	6029761	CHR8:6029761	SSF x Far_LoA	-10,3405198	-0,129	0,286
CHR8	6029946	CHR8:6029946	SSF x Far_LoA	-9,54150941	-0,055	0,304
CHR8	6029961	CHR8:6029961	SSF x Far_LoA	-9,10079797	0,027	0,287
CHR8	6037195	CHR8:6037195	SSF x Far_LoA	-9,43799878	-0,035	0,321
CHR8	6037217	CHR8:6037217	SSF x Far_LoA	-9,87712735	-0,048	0,302
CHR8	6037351	CHR8:6037351	SSF x Far_LoA	-9,5808357	-0,034	0,311
CHR8	6037352	CHR8:6037352	SSF x Far_LoA	-8,40268503	-0,021	0,312
CHR8	6037433	CHR8:6037433	SSF x Far_LoA	-9,61317998	0,136	0,296
CHR8	6061039	CHR8:6061039	SSF x Far_LoA	-7,72287383	-0,086	0,302
CHR8	607700	CHR8:607700	SSF x Far_LoA	-9,50029826	0,002	0,324
CHR8	607712	CHR8:607712	SSF x Far_LoA	-8,91666009	0,097	0,315
CHR8	607741	CHR8:607741	SSF x Far_LoA	-9,41386864	-0,019	0,310
CHR8	6082576	CHR8:6082576	SSF x Far_LoA	-9,77797919	-0,033	0,314
CHR8	6082599	CHR8:6082599	SSF x Far_LoA	-2,90894049	0,199	0,302
CHR8	6082623	CHR8:6082623	SSF x Far_LoA	-9,43983665	-0,012	0,296
CHR8	6082630	CHR8:6082630	SSF x Far_LoA	-1,45409981	-0,062	0,281
CHR8	6090747	CHR8:6090747	SSF x Far_LoA	-7,69684397	-0,057	0,321

CHR8	6090799	CHR8:6090799	SSF x Far_LoA	-10,819791	-0,017	0,311
CHR8	6090863	CHR8:6090863	SSF x Far_LoA	-11,430723	-0,052	0,303
CHR8	6110067	CHR8:6110067	SSF x Far_LoA	-7,31196641	0,049	0,313
CHR8	6110200	CHR8:6110200	SSF x Far_LoA	-10,1527269	0,039	0,304
CHR8	6110210	CHR8:6110210	SSF x Far_LoA	-6,99503196	0,152	0,305
CHR8	6110235	CHR8:6110235	SSF x Far_LoA	-9,55643372	0,082	0,309
CHR8	6110334	CHR8:6110334	SSF x Far_LoA	-9,90825366	-0,155	0,296
CHR8	6110339	CHR8:6110339	SSF x Far_LoA	-8,39861654	0,113	0,295
CHR8	6113064	CHR8:6113064	SSF x Far_LoA	-6,66037542	-0,169	0,302
CHR8	6113098	CHR8:6113098	SSF x Far_LoA	-3,94680451	0,177	0,307
CHR8	6113127	CHR8:6113127	SSF x Far_LoA	-7,61409684	-0,037	0,309
CHR8	6113137	CHR8:6113137	SSF x Far_LoA	-8,6390923	-0,047	0,303
CHR8	6113164	CHR8:6113164	SSF x Far_LoA	-6,6941675	-0,084	0,309
CHR8	6113255	CHR8:6113255	SSF x Far_LoA	-9,81859019	-0,102	0,313
CHR8	6113259	CHR8:6113259	SSF x Far_LoA	-9,19431577	-0,022	0,303
CHR8	6113290	CHR8:6113290	SSF x Far_LoA	-9,29462101	-0,021	0,310
CHR8	6113309	CHR8:6113309	SSF x Far_LoA	-8,76741781	-0,086	0,303
CHR8	6116753	CHR8:6116753	SSF x Far_LoA	-9,41958924	0,003	0,310
CHR8	612219	CHR8:612219	SSF x Far_LoA	-5,4653248	0,204	0,288
CHR8	6123815	CHR8:6123815	SSF x Far_LoA	-9,4241314	-0,012	0,303
CHR8	6123843	CHR8:6123843	SSF x Far_LoA	-10,3118974	-0,058	0,309
CHR8	6130279	CHR8:6130279	SSF x Far_LoA	-9,22312258	0,050	0,313
CHR8	6130425	CHR8:6130425	SSF x Far_LoA	-9,08611272	0,033	0,304
CHR8	6130497	CHR8:6130497	SSF x Far_LoA	-7,59487925	-0,086	0,312
CHR8	6130538	CHR8:6130538	SSF x Far_LoA	-7,83264605	0,072	0,310
CHR8	6133594	CHR8:6133594	SSF x Far_LoA	-8,88704083	-0,063	0,302
CHR8	6133700	CHR8:6133700	SSF x Far_LoA	-8,91153229	0,124	0,302
CHR8	6133761	CHR8:6133761	SSF x Far_LoA	-10,8497387	0,036	0,300
CHR8	6133782	CHR8:6133782	SSF x Far_LoA	-7,25267863	0,027	0,310
CHR8	6135571	CHR8:6135571	SSF x Far_LoA	-8,06034926	0,056	0,316
CHR8	6135583	CHR8:6135583	SSF x Far_LoA	-11,2236071	-0,011	0,312
CHR8	614697	CHR8:614697	SSF x Far_LoA	-11,0294715	-0,045	0,308
CHR8	614745	CHR8:614745	SSF x Far_LoA	-8,92926223	-0,021	0,317
CHR8	614746	CHR8:614746	SSF x Far_LoA	-9,20680442	0,009	0,314
CHR8	614818	CHR8:614818	SSF x Far_LoA	-10,4349874	0,058	0,316
CHR8	6154817	CHR8:6154817	SSF x Far_LoA	-11,091367	0,005	0,305
CHR8	6154821	CHR8:6154821	SSF x Far_LoA	-7,03104638	-0,051	0,312
CHR8	6154822	CHR8:6154822	SSF x Far_LoA	-8,64754635	-0,016	0,299
CHR8	6154870	CHR8:6154870	SSF x Far_LoA	-8,24078601	-0,136	0,303
CHR8	6154904	CHR8:6154904	SSF x Far_LoA	-9,09904681	0,107	0,296
CHR8	6154905	CHR8:6154905	SSF x Far_LoA	-6,83400075	0,112	0,302
CHR8	6155165	CHR8:6155165	SSF x Far_LoA	-11,0436111	0,032	0,294
CHR8	6161538	CHR8:6161538	SSF x Far_LoA	-11,9780679	-0,046	0,302
CHR8	6161548	CHR8:6161548	SSF x Far_LoA	-9,42011604	-0,047	0,303
CHR8	6161603	CHR8:6161603	SSF x Far_LoA	-8,11506367	0,074	0,310
CHR8	617161	CHR8:617161	SSF x Far_LoA	-8,93241259	-0,057	0,305
CHR8	6174618	CHR8:6174618	SSF x Far_LoA	-7,55989978	0,169	0,307
CHR8	6174693	CHR8:6174693	SSF x Far_LoA	-9,0065071	-0,041	0,308
CHR8	6174757	CHR8:6174757	SSF x Far_LoA	-8,73637229	-0,110	0,297
CHR8	6177922	CHR8:6177922	SSF x Far_LoA	-10,3327245	0,026	0,305
CHR8	6177997	CHR8:6177997	SSF x Far_LoA	-8,58721385	-0,158	0,292
CHR8	6178010	CHR8:6178010	SSF x Far_LoA	-11,6043239	-0,005	0,313
CHR8	6178044	CHR8:6178044	SSF x Far_LoA	-8,25492479	-0,143	0,306

CHR8	6178053	CHR8:6178053	SSF x Far_LoA	-5,27431874	-0,141	0,308
CHR8	6178140	CHR8:6178140	SSF x Far_LoA	-6,38212352	0,214	0,295
CHR8	6178147	CHR8:6178147	SSF x Far_LoA	-11,4079974	0,048	0,317
CHR8	6178262	CHR8:6178262	SSF x Far_LoA	-6,98302324	-0,025	0,304
CHR8	6178272	CHR8:6178272	SSF x Far_LoA	-8,862273	-0,021	0,307
CHR8	6202672	CHR8:6202672	SSF x Far_LoA	-11,0393615	0,033	0,305
CHR8	6202685	CHR8:6202685	SSF x Far_LoA	-9,15168047	-0,074	0,307
CHR8	6202789	CHR8:6202789	SSF x Far_LoA	-8,97575569	0,056	0,307
CHR8	6202834	CHR8:6202834	SSF x Far_LoA	-11,7169813	-0,022	0,311
CHR8	6202835	CHR8:6202835	SSF x Far_LoA	-11,6027439	-0,016	0,311
CHR8	6202840	CHR8:6202840	SSF x Far_LoA	-11,8788724	-0,028	0,312
CHR8	6204297	CHR8:6204297	SSF x Far_LoA	-10,7832224	-0,009	0,308
CHR8	6208489	CHR8:6208489	SSF x Far_LoA	-8,04646691	-0,083	0,311
CHR8	6219939	CHR8:6219939	SSF x Far_LoA	-7,40206123	0,084	0,285
CHR8	6219948	CHR8:6219948	SSF x Far_LoA	-9,73593725	-0,062	0,293
CHR8	6219958	CHR8:6219958	SSF x Far_LoA	-9,27709789	-0,013	0,301
CHR8	6219975	CHR8:6219975	SSF x Far_LoA	-9,25029041	0,023	0,305
CHR8	6219979	CHR8:6219979	SSF x Far_LoA	-10,4279843	-0,032	0,318
CHR8	6219988	CHR8:6219988	SSF x Far_LoA	-10,0582894	-0,023	0,304
CHR8	6220092	CHR8:6220092	SSF x Far_LoA	-10,7906223	-0,082	0,300
CHR8	6226617	CHR8:6226617	SSF x Far_LoA	-9,42762187	-0,031	0,323
CHR8	6228977	CHR8:6228977	SSF x Far_LoA	-9,22736252	-0,115	0,307
CHR8	6229003	CHR8:6229003	SSF x Far_LoA	-12,2120907	0,027	0,317
CHR8	6233846	CHR8:6233846	SSF x Far_LoA	-8,54629108	-0,034	0,312
CHR8	6233848	CHR8:6233848	SSF x Far_LoA	-10,5235393	0,110	0,307
CHR8	6242442	CHR8:6242442	SSF x Far_LoA	-9,94517538	-0,034	0,301
CHR8	625551	CHR8:625551	SSF x Far_LoA	-9,84988647	0,019	0,330
CHR8	6255793	CHR8:6255793	SSF x Far_LoA	-9,21803391	0,078	0,297
CHR8	6255985	CHR8:6255985	SSF x Far_LoA	-10,0748416	0,046	0,320
CHR8	625635	CHR8:625635	SSF x Far_LoA	-8,84996519	-0,151	0,314
CHR8	625692	CHR8:625692	SSF x Far_LoA	-9,03614603	0,072	0,307
CHR8	625752	CHR8:625752	SSF x Far_LoA	-0,47794794	0,197	0,295
CHR8	6258469	CHR8:6258469	SSF x Far_LoA	-9,58919334	-0,136	0,305
CHR8	6258473	CHR8:6258473	SSF x Far_LoA	-9,29686877	-0,013	0,302
CHR8	6258554	CHR8:6258554	SSF x Far_LoA	-9,54785274	0,091	0,304
CHR8	6258558	CHR8:6258558	SSF x Far_LoA	-9,9186947	0,009	0,309
CHR8	6258563	CHR8:6258563	SSF x Far_LoA	-9,42082775	0,017	0,292
CHR8	6258573	CHR8:6258573	SSF x Far_LoA	-8,14942362	-0,074	0,300
CHR8	6258575	CHR8:6258575	SSF x Far_LoA	-6,8923548	-0,030	0,313
CHR8	6264693	CHR8:6264693	SSF x Far_LoA	-9,49718178	0,100	0,307
CHR8	6264711	CHR8:6264711	SSF x Far_LoA	-10,9610605	0,148	0,287
CHR8	6264763	CHR8:6264763	SSF x Far_LoA	-10,8296893	0,097	0,299
CHR8	6264771	CHR8:6264771	SSF x Far_LoA	-12,2542312	-0,026	0,299
CHR8	6264792	CHR8:6264792	SSF x Far_LoA	-10,4206872	0,147	0,294
CHR8	6264795	CHR8:6264795	SSF x Far_LoA	-11,6431589	0,011	0,296
CHR8	6265040	CHR8:6265040	SSF x Far_LoA	-11,8125524	-0,073	0,303
CHR8	6265132	CHR8:6265132	SSF x Far_LoA	-8,77884815	0,079	0,312
CHR8	6268123	CHR8:6268123	SSF x Far_LoA	-9,86383999	0,030	0,305
CHR8	6277511	CHR8:6277511	SSF x Far_LoA	-3,39361848	0,053	0,306
CHR8	6277524	CHR8:6277524	SSF x Far_LoA	-6,66254569	-0,187	0,297
CHR8	6277560	CHR8:6277560	SSF x Far_LoA	-7,26727386	0,066	0,312
CHR8	6277973	CHR8:6277973	SSF x Far_LoA	-11,7994471	-0,035	0,305
CHR8	6290284	CHR8:6290284	SSF x Far_LoA	-8,87682142	0,004	0,309

CHR8	6290311	CHR8:6290311	SSF x Far_LoA	-8,8857241	0,017	0,303
CHR8	6290366	CHR8:6290366	SSF x Far_LoA	-6,29871315	-0,044	0,303
CHR8	6290375	CHR8:6290375	SSF x Far_LoA	-10,1536968	0,144	0,297
CHR8	6290378	CHR8:6290378	SSF x Far_LoA	-7,53599851	-0,128	0,298
CHR8	6290380	CHR8:6290380	SSF x Far_LoA	-10,2692347	-0,054	0,307
CHR8	6290512	CHR8:6290512	SSF x Far_LoA	-6,41964712	0,101	0,315
CHR8	6300052	CHR8:6300052	SSF x Far_LoA	-11,125625	-0,011	0,302
CHR8	6307655	CHR8:6307655	SSF x Far_LoA	-11,8843803	-0,075	0,291
CHR8	6307841	CHR8:6307841	SSF x Far_LoA	-7,27061361	0,027	0,302
CHR8	6307871	CHR8:6307871	SSF x Far_LoA	-10,1230327	-0,085	0,299
CHR8	6307906	CHR8:6307906	SSF x Far_LoA	-8,99824744	-0,072	0,311
CHR8	6317985	CHR8:6317985	SSF x Far_LoA	-5,51003159	0,156	0,291
CHR8	6317986	CHR8:6317986	SSF x Far_LoA	-7,16611989	0,183	0,286
CHR8	6318000	CHR8:6318000	SSF x Far_LoA	-8,40172827	0,117	0,305
CHR8	6318009	CHR8:6318009	SSF x Far_LoA	-7,61232529	0,150	0,299
CHR8	6318035	CHR8:6318035	SSF x Far_LoA	-6,83887134	0,199	0,285
CHR8	6318042	CHR8:6318042	SSF x Far_LoA	-8,43416277	0,058	0,316
CHR8	6318047	CHR8:6318047	SSF x Far_LoA	-5,26304581	0,245	0,285
CHR8	6318052	CHR8:6318052	SSF x Far_LoA	-5,89714284	0,200	0,283
CHR8	631954	CHR8:631954	SSF x Far_LoA	-7,97663151	0,131	0,305
CHR8	631993	CHR8:631993	SSF x Far_LoA	-11,4356316	-0,027	0,321
CHR8	6324212	CHR8:6324212	SSF x Far_LoA	-6,7828744	-0,020	0,307
CHR8	6324251	CHR8:6324251	SSF x Far_LoA	-9,08905727	0,040	0,309
CHR8	6324278	CHR8:6324278	SSF x Far_LoA	-8,75939957	-0,043	0,307
CHR8	6326402	CHR8:6326402	SSF x Far_LoA	-10,0402496	-0,079	0,303
CHR8	633457	CHR8:633457	SSF x Far_LoA	-8,42794738	-0,020	0,303
CHR8	6338559	CHR8:6338559	SSF x Far_LoA	-11,7478158	0,031	0,293
CHR8	6338597	CHR8:6338597	SSF x Far_LoA	-8,28327228	0,058	0,306
CHR8	6338602	CHR8:6338602	SSF x Far_LoA	-10,1067966	-0,015	0,315
CHR8	6338706	CHR8:6338706	SSF x Far_LoA	-9,6594961	-0,093	0,296
CHR8	6338762	CHR8:6338762	SSF x Far_LoA	-10,6844022	-0,031	0,321
CHR8	6346260	CHR8:6346260	SSF x Far_LoA	-9,99787082	0,034	0,285
CHR8	6346443	CHR8:6346443	SSF x Far_LoA	-7,44314152	0,076	0,304
CHR8	6346521	CHR8:6346521	SSF x Far_LoA	-10,4720599	-0,056	0,298
CHR8	6353964	CHR8:6353964	SSF x Far_LoA	-8,16642458	0,094	0,293
CHR8	6358521	CHR8:6358521	SSF x Far_LoA	-8,67939653	-0,188	0,305
CHR8	6367559	CHR8:6367559	SSF x Far_LoA	-8,36247902	0,027	0,311
CHR8	6367629	CHR8:6367629	SSF x Far_LoA	-9,9035253	0,024	0,305
CHR8	6367637	CHR8:6367637	SSF x Far_LoA	-9,79086712	0,055	0,291
CHR8	6367672	CHR8:6367672	SSF x Far_LoA	-9,87121176	0,005	0,304
CHR8	6386044	CHR8:6386044	SSF x Far_LoA	-8,43920891	0,041	0,315
CHR8	6388605	CHR8:6388605	SSF x Far_LoA	-10,5343992	0,036	0,299
CHR8	6388678	CHR8:6388678	SSF x Far_LoA	-9,93084299	0,066	0,303
CHR8	6396777	CHR8:6396777	SSF x Far_LoA	-10,3529034	-0,105	0,309
CHR8	6401256	CHR8:6401256	SSF x Far_LoA	-4,9683524	-0,046	0,310
CHR8	6401278	CHR8:6401278	SSF x Far_LoA	-7,59139936	0,111	0,309
CHR8	6401279	CHR8:6401279	SSF x Far_LoA	-6,64984689	0,040	0,312
CHR8	6409539	CHR8:6409539	SSF x Far_LoA	-9,77818574	-0,025	0,312
CHR8	6409560	CHR8:6409560	SSF x Far_LoA	-9,03133399	0,119	0,292
CHR8	6409569	CHR8:6409569	SSF x Far_LoA	-4,38319639	-0,129	0,299
CHR8	6410688	CHR8:6410688	SSF x Far_LoA	-9,86918873	-0,109	0,307
CHR8	6410778	CHR8:6410778	SSF x Far_LoA	-7,92096217	-0,052	0,320
CHR8	6410833	CHR8:6410833	SSF x Far_LoA	-10,9257411	-0,093	0,310

CHR8	6411845	CHR8:6411845	SSF x Far_LoA	-0,25324168	-0,174	0,295
CHR8	6411854	CHR8:6411854	SSF x Far_LoA	-10,7246765	0,045	0,312
CHR8	6411899	CHR8:6411899	SSF x Far_LoA	-9,10275717	0,094	0,302
CHR8	6411908	CHR8:6411908	SSF x Far_LoA	-10,2058486	-0,119	0,306
CHR8	6411978	CHR8:6411978	SSF x Far_LoA	-10,8931862	0,091	0,299
CHR8	6412070	CHR8:6412070	SSF x Far_LoA	-8,00608302	-0,105	0,314
CHR8	6433309	CHR8:6433309	SSF x Far_LoA	-11,3563325	0,029	0,312
CHR8	6433315	CHR8:6433315	SSF x Far_LoA	-8,9492584	-0,005	0,316
CHR8	6433322	CHR8:6433322	SSF x Far_LoA	-6,40687044	-0,088	0,319
CHR8	6433521	CHR8:6433521	SSF x Far_LoA	-9,25312588	-0,078	0,311
CHR8	644178	CHR8:644178	SSF x Far_LoA	-8,94208668	0,005	0,318
CHR8	6442076	CHR8:6442076	SSF x Far_LoA	-7,8550458	0,167	0,297
CHR8	6444710	CHR8:6444710	SSF x Far_LoA	-10,5941914	0,023	0,303
CHR8	6444718	CHR8:6444718	SSF x Far_LoA	-10,2509083	0,067	0,304
CHR8	6444784	CHR8:6444784	SSF x Far_LoA	-9,4693122	-0,145	0,295
CHR8	6444800	CHR8:6444800	SSF x Far_LoA	-10,1677123	0,007	0,299
CHR8	6444835	CHR8:6444835	SSF x Far_LoA	-10,2540103	0,092	0,289
CHR8	6444900	CHR8:6444900	SSF x Far_LoA	-10,1431514	0,051	0,296
CHR8	6449281	CHR8:6449281	SSF x Far_LoA	-10,4852943	0,046	0,300
CHR8	6449304	CHR8:6449304	SSF x Far_LoA	-11,9602319	0,004	0,303
CHR8	6449342	CHR8:6449342	SSF x Far_LoA	-11,0547062	0,029	0,310
CHR8	6449364	CHR8:6449364	SSF x Far_LoA	-9,95964461	0,053	0,305
CHR8	6454287	CHR8:6454287	SSF x Far_LoA	-7,7292939	0,043	0,296
CHR8	6454330	CHR8:6454330	SSF x Far_LoA	-9,03773643	-0,049	0,309
CHR8	6454333	CHR8:6454333	SSF x Far_LoA	-7,79932555	0,070	0,304
CHR8	6454346	CHR8:6454346	SSF x Far_LoA	-6,87901298	0,156	0,295
CHR8	645490	CHR8:645490	SSF x Far_LoA	-8,23172097	0,205	0,306
CHR8	6467445	CHR8:6467445	SSF x Far_LoA	-9,34232354	0,028	0,292
CHR8	6467510	CHR8:6467510	SSF x Far_LoA	-3,12513453	0,187	0,292
CHR8	6478649	CHR8:6478649	SSF x Far_LoA	-10,3780686	-0,010	0,326
CHR8	6478688	CHR8:6478688	SSF x Far_LoA	-10,2269268	-0,060	0,305
CHR8	6478717	CHR8:6478717	SSF x Far_LoA	-6,10885852	0,125	0,308
CHR8	6479183	CHR8:6479183	SSF x Far_LoA	-2,86996517	-0,050	0,312
CHR8	6479193	CHR8:6479193	SSF x Far_LoA	-8,13484646	0,086	0,308
CHR8	6479194	CHR8:6479194	SSF x Far_LoA	-8,18158437	0,070	0,312
CHR8	6479241	CHR8:6479241	SSF x Far_LoA	-9,56098974	-0,041	0,314
CHR8	6490400	CHR8:6490400	SSF x Far_LoA	-10,8993091	-0,010	0,310
CHR8	6490404	CHR8:6490404	SSF x Far_LoA	-9,0558146	-0,005	0,311
CHR8	6490409	CHR8:6490409	SSF x Far_LoA	-8,26725182	0,133	0,299
CHR8	6492134	CHR8:6492134	SSF x Far_LoA	-9,0659134	-0,047	0,311
CHR8	6493184	CHR8:6493184	SSF x Far_LoA	-9,98699705	0,056	0,305
CHR8	6493218	CHR8:6493218	SSF x Far_LoA	-5,03098099	0,099	0,305
CHR8	6500946	CHR8:6500946	SSF x Far_LoA	-7,76313739	0,063	0,307
CHR8	6500996	CHR8:6500996	SSF x Far_LoA	-8,12364585	0,056	0,303
CHR8	6501082	CHR8:6501082	SSF x Far_LoA	-10,2080201	0,067	0,297
CHR8	6502959	CHR8:6502959	SSF x Far_LoA	-9,76556008	-0,058	0,304
CHR8	6503024	CHR8:6503024	SSF x Far_LoA	-9,6720951	0,039	0,308
CHR8	6503054	CHR8:6503054	SSF x Far_LoA	-8,78691913	0,013	0,288
CHR8	6503059	CHR8:6503059	SSF x Far_LoA	-8,53037414	-0,059	0,298
CHR8	6503077	CHR8:6503077	SSF x Far_LoA	-9,51010992	0,026	0,305
CHR8	6503188	CHR8:6503188	SSF x Far_LoA	-7,00127424	-0,134	0,312
CHR8	6503221	CHR8:6503221	SSF x Far_LoA	-9,36451343	-0,058	0,299
CHR8	6503222	CHR8:6503222	SSF x Far_LoA	-11,2448267	-0,009	0,316

CHR8	6505328	CHR8:6505328	SSF x Far_LoA	-11,6643666	0,008	0,318
CHR8	6513230	CHR8:6513230	SSF x Far_LoA	-9,91237813	0,065	0,302
CHR8	6513307	CHR8:6513307	SSF x Far_LoA	-7,51960268	-0,099	0,307
CHR8	6514362	CHR8:6514362	SSF x Far_LoA	-8,85931915	0,000	0,318
CHR8	6514448	CHR8:6514448	SSF x Far_LoA	-2,96131821	-0,066	0,307
CHR8	6524242	CHR8:6524242	SSF x Far_LoA	-9,55283795	0,021	0,310
CHR8	6524245	CHR8:6524245	SSF x Far_LoA	-8,18579239	-0,074	0,307
CHR8	6526260	CHR8:6526260	SSF x Far_LoA	-8,33194111	-0,063	0,303
CHR8	6526335	CHR8:6526335	SSF x Far_LoA	-11,2568461	0,105	0,290
CHR8	6528548	CHR8:6528548	SSF x Far_LoA	-11,2294245	0,028	0,313
CHR8	6528611	CHR8:6528611	SSF x Far_LoA	-8,06842122	-0,057	0,303
CHR8	6528634	CHR8:6528634	SSF x Far_LoA	-11,7388817	-0,039	0,318
CHR8	6528654	CHR8:6528654	SSF x Far_LoA	-8,93099623	0,094	0,310
CHR8	6538017	CHR8:6538017	SSF x Far_LoA	-9,78559166	0,003	0,319
CHR8	6538263	CHR8:6538263	SSF x Far_LoA	-10,0963517	0,059	0,310
CHR8	6539130	CHR8:6539130	SSF x Far_LoA	-10,6649106	-0,081	0,302
CHR8	6539200	CHR8:6539200	SSF x Far_LoA	-9,97176094	0,017	0,308
CHR8	6539238	CHR8:6539238	SSF x Far_LoA	-11,4887729	-0,041	0,304
CHR8	6545478	CHR8:6545478	SSF x Far_LoA	-11,169108	0,024	0,304
CHR8	655095	CHR8:655095	SSF x Far_LoA	-9,64884678	-0,069	0,317
CHR8	6562186	CHR8:6562186	SSF x Far_LoA	-9,60554937	0,040	0,304
CHR8	6562196	CHR8:6562196	SSF x Far_LoA	-8,03816741	-0,064	0,304
CHR8	6562198	CHR8:6562198	SSF x Far_LoA	-8,5631405	-0,037	0,304
CHR8	6562208	CHR8:6562208	SSF x Far_LoA	-9,47219209	-0,033	0,300
CHR8	6562214	CHR8:6562214	SSF x Far_LoA	-10,2501549	-0,120	0,307
CHR8	6573316	CHR8:6573316	SSF x Far_LoA	-9,67023334	-0,011	0,297
CHR8	6573318	CHR8:6573318	SSF x Far_LoA	-8,311241	-0,003	0,312
CHR8	6573364	CHR8:6573364	SSF x Far_LoA	-9,50068784	0,064	0,322
CHR8	6573408	CHR8:6573408	SSF x Far_LoA	-6,97514271	0,071	0,299
CHR8	6577313	CHR8:6577313	SSF x Far_LoA	-11,7777235	-0,069	0,318
CHR8	6577322	CHR8:6577322	SSF x Far_LoA	-9,23562793	-0,033	0,308
CHR8	6577378	CHR8:6577378	SSF x Far_LoA	-6,87491277	-0,164	0,294
CHR8	6582339	CHR8:6582339	SSF x Far_LoA	-11,4556228	0,021	0,300
CHR8	6582426	CHR8:6582426	SSF x Far_LoA	-11,8321607	0,024	0,296
CHR8	6592110	CHR8:6592110	SSF x Far_LoA	-9,77367098	-0,066	0,314
CHR8	6592123	CHR8:6592123	SSF x Far_LoA	-9,48467474	0,043	0,300
CHR8	6592193	CHR8:6592193	SSF x Far_LoA	-10,2665001	-0,050	0,307
CHR8	6593012	CHR8:6593012	SSF x Far_LoA	-6,32684967	0,063	0,300
CHR8	6593019	CHR8:6593019	SSF x Far_LoA	-10,1421882	-0,077	0,304
CHR8	659401	CHR8:659401	SSF x Far_LoA	-9,49792805	-0,027	0,314
CHR8	6603869	CHR8:6603869	SSF x Far_LoA	-9,20274392	0,094	0,311
CHR8	6604054	CHR8:6604054	SSF x Far_LoA	-10,9042128	-0,031	0,300
CHR8	6605727	CHR8:6605727	SSF x Far_LoA	-7,74340925	0,025	0,315
CHR8	6605741	CHR8:6605741	SSF x Far_LoA	-8,44423516	0,016	0,307
CHR8	6605808	CHR8:6605808	SSF x Far_LoA	-9,49992556	0,007	0,315
CHR8	6605850	CHR8:6605850	SSF x Far_LoA	-8,7010567	-0,070	0,325
CHR8	6605851	CHR8:6605851	SSF x Far_LoA	-10,6841413	-0,093	0,304
CHR8	6605917	CHR8:6605917	SSF x Far_LoA	-7,508962	0,057	0,309
CHR8	6608680	CHR8:6608680	SSF x Far_LoA	-9,44001066	-0,113	0,303
CHR8	6608682	CHR8:6608682	SSF x Far_LoA	-11,8772323	0,077	0,306
CHR8	6608686	CHR8:6608686	SSF x Far_LoA	-7,66993696	-0,146	0,316
CHR8	661302	CHR8:661302	SSF x Far_LoA	-9,49275268	0,063	0,307
CHR8	661391	CHR8:661391	SSF x Far_LoA	-9,16075884	-0,118	0,300

CHR8	661500	CHR8:661500	SSF x Far_LoA	-5,34915553	-0,171	0,313
CHR8	6616067	CHR8:6616067	SSF x Far_LoA	-9,32503155	0,018	0,313
CHR8	6616157	CHR8:6616157	SSF x Far_LoA	-9,37773616	0,052	0,295
CHR8	6616167	CHR8:6616167	SSF x Far_LoA	-8,76487071	0,092	0,303
CHR8	6616418	CHR8:6616418	SSF x Far_LoA	-11,4193185	0,065	0,300
CHR8	6620848	CHR8:6620848	SSF x Far_LoA	-7,10084873	-0,133	0,301
CHR8	6620871	CHR8:6620871	SSF x Far_LoA	-10,5629159	0,055	0,302
CHR8	6620903	CHR8:6620903	SSF x Far_LoA	-11,2306048	-0,052	0,317
CHR8	6620912	CHR8:6620912	SSF x Far_LoA	-8,66062517	-0,070	0,311
CHR8	6620931	CHR8:6620931	SSF x Far_LoA	-8,83082098	0,048	0,300
CHR8	6620934	CHR8:6620934	SSF x Far_LoA	-9,2896427	0,002	0,299
CHR8	6620954	CHR8:6620954	SSF x Far_LoA	-10,8148339	-0,068	0,325
CHR8	6620956	CHR8:6620956	SSF x Far_LoA	-9,65134777	0,022	0,299
CHR8	6621077	CHR8:6621077	SSF x Far_LoA	-8,41405583	-0,070	0,305
CHR8	6621120	CHR8:6621120	SSF x Far_LoA	-9,45997594	-0,107	0,322
CHR8	6621135	CHR8:6621135	SSF x Far_LoA	-11,4564427	0,002	0,316
CHR8	6621138	CHR8:6621138	SSF x Far_LoA	-9,73266676	-0,095	0,305
CHR8	6621179	CHR8:6621179	SSF x Far_LoA	-11,9766915	0,021	0,307
CHR8	6621184	CHR8:6621184	SSF x Far_LoA	-10,3718529	0,047	0,311
CHR8	6621375	CHR8:6621375	SSF x Far_LoA	-12,3764544	-0,041	0,306
CHR8	6621381	CHR8:6621381	SSF x Far_LoA	-11,7514228	0,059	0,311
CHR8	6623638	CHR8:6623638	SSF x Far_LoA	-8,65399439	0,123	0,308
CHR8	6623644	CHR8:6623644	SSF x Far_LoA	-10,6385345	-0,068	0,312
CHR8	6624797	CHR8:6624797	SSF x Far_LoA	-5,38434045	0,013	0,316
CHR8	6628534	CHR8:6628534	SSF x Far_LoA	-10,3803897	0,003	0,302
CHR8	6628540	CHR8:6628540	SSF x Far_LoA	-8,69418621	0,048	0,302
CHR8	6628574	CHR8:6628574	SSF x Far_LoA	-10,3688539	-0,031	0,298
CHR8	6628635	CHR8:6628635	SSF x Far_LoA	-10,1127565	0,111	0,309
CHR8	6628640	CHR8:6628640	SSF x Far_LoA	-10,0508947	0,088	0,308
CHR8	6628684	CHR8:6628684	SSF x Far_LoA	-11,000785	0,079	0,292
CHR8	6628686	CHR8:6628686	SSF x Far_LoA	-8,5105634	0,126	0,306
CHR8	6628698	CHR8:6628698	SSF x Far_LoA	-7,4466558	-0,146	0,318
CHR8	6628746	CHR8:6628746	SSF x Far_LoA	-9,60211375	0,088	0,297
CHR8	6628817	CHR8:6628817	SSF x Far_LoA	-7,3912461	-0,063	0,313
CHR8	6644451	CHR8:6644451	SSF x Far_LoA	-5,8249736	-0,113	0,302
CHR8	6648050	CHR8:6648050	SSF x Far_LoA	-10,7454574	-0,044	0,313
CHR8	6648163	CHR8:6648163	SSF x Far_LoA	-10,9407293	0,121	0,298
CHR8	6658567	CHR8:6658567	SSF x Far_LoA	-8,52548338	0,121	0,314
CHR8	6658622	CHR8:6658622	SSF x Far_LoA	-9,48603469	0,084	0,307
CHR8	6658770	CHR8:6658770	SSF x Far_LoA	-10,1660201	-0,028	0,300
CHR8	6658776	CHR8:6658776	SSF x Far_LoA	-10,8922059	-0,052	0,314
CHR8	6661421	CHR8:6661421	SSF x Far_LoA	-10,4116682	-0,044	0,308
CHR8	6673557	CHR8:6673557	SSF x Far_LoA	-9,13424909	-0,057	0,313
CHR8	6678010	CHR8:6678010	SSF x Far_LoA	-9,02733756	-0,044	0,314
CHR8	6684049	CHR8:6684049	SSF x Far_LoA	-8,95777266	0,052	0,310
CHR8	6688714	CHR8:6688714	SSF x Far_LoA	-10,6342537	0,128	0,289
CHR8	6696464	CHR8:6696464	SSF x Far_LoA	-6,05958891	0,004	0,306
CHR8	6696524	CHR8:6696524	SSF x Far_LoA	-7,78359002	0,039	0,315
CHR8	6696967	CHR8:6696967	SSF x Far_LoA	-9,72052609	0,028	0,302
CHR8	6698494	CHR8:6698494	SSF x Far_LoA	-8,91617544	0,083	0,299
CHR8	6701288	CHR8:6701288	SSF x Far_LoA	-7,43275436	-0,065	0,305
CHR8	6701305	CHR8:6701305	SSF x Far_LoA	-8,41010124	-0,111	0,301
CHR8	6701311	CHR8:6701311	SSF x Far_LoA	-9,76294546	-0,010	0,304

CHR8	6701323	CHR8:6701323	SSF x Far_LoA	-10,8965165	-0,049	0,306
CHR8	6701367	CHR8:6701367	SSF x Far_LoA	-10,7060389	-0,048	0,317
CHR8	6702015	CHR8:6702015	SSF x Far_LoA	-9,94869975	0,015	0,300
CHR8	6702068	CHR8:6702068	SSF x Far_LoA	-9,94826091	-0,027	0,305
CHR8	6702076	CHR8:6702076	SSF x Far_LoA	-10,339404	-0,042	0,294
CHR8	6702085	CHR8:6702085	SSF x Far_LoA	-7,95596282	-0,151	0,287
CHR8	6715415	CHR8:6715415	SSF x Far_LoA	-9,10043938	-0,026	0,298
CHR8	6715446	CHR8:6715446	SSF x Far_LoA	-11,2281041	-0,012	0,304
CHR8	6715516	CHR8:6715516	SSF x Far_LoA	-9,82821034	-0,041	0,304
CHR8	6715529	CHR8:6715529	SSF x Far_LoA	-9,31533761	-0,011	0,305
CHR8	6722647	CHR8:6722647	SSF x Far_LoA	-7,72113809	0,123	0,303
CHR8	6722722	CHR8:6722722	SSF x Far_LoA	-10,8385275	-0,008	0,296
CHR8	6722740	CHR8:6722740	SSF x Far_LoA	-8,94101709	-0,035	0,313
CHR8	6722826	CHR8:6722826	SSF x Far_LoA	-7,35192219	0,072	0,304
CHR8	6722899	CHR8:6722899	SSF x Far_LoA	-8,40988494	-0,098	0,309
CHR8	6722934	CHR8:6722934	SSF x Far_LoA	-5,96656413	-0,029	0,315
CHR8	6722940	CHR8:6722940	SSF x Far_LoA	-10,233222	-0,042	0,298
CHR8	6725223	CHR8:6725223	SSF x Far_LoA	-8,25035605	-0,013	0,314
CHR8	6725257	CHR8:6725257	SSF x Far_LoA	-9,77113555	-0,119	0,297
CHR8	6725277	CHR8:6725277	SSF x Far_LoA	-10,0348948	0,012	0,307
CHR8	672557	CHR8:672557	SSF x Far_LoA	-9,82390544	0,100	0,300
CHR8	6739338	CHR8:6739338	SSF x Far_LoA	-11,0157982	0,041	0,314
CHR8	6739647	CHR8:6739647	SSF x Far_LoA	-9,29350208	0,120	0,295
CHR8	6739665	CHR8:6739665	SSF x Far_LoA	-9,32854123	0,064	0,315
CHR8	6739706	CHR8:6739706	SSF x Far_LoA	-10,1940209	0,093	0,317
CHR8	6739707	CHR8:6739707	SSF x Far_LoA	-10,1874507	-0,108	0,307
CHR8	6739708	CHR8:6739708	SSF x Far_LoA	-10,1286974	0,124	0,299
CHR8	6739716	CHR8:6739716	SSF x Far_LoA	-9,17583882	0,077	0,309
CHR8	6751854	CHR8:6751854	SSF x Far_LoA	-10,8947256	0,071	0,297
CHR8	6751893	CHR8:6751893	SSF x Far_LoA	-10,588752	-0,020	0,319
CHR8	6756458	CHR8:6756458	SSF x Far_LoA	-8,97298855	0,096	0,306
CHR8	6778131	CHR8:6778131	SSF x Far_LoA	-10,5879262	-0,025	0,314
CHR8	6778192	CHR8:6778192	SSF x Far_LoA	-7,31147424	0,228	0,304
CHR8	6794322	CHR8:6794322	SSF x Far_LoA	-10,7053537	-0,093	0,310
CHR8	6794325	CHR8:6794325	SSF x Far_LoA	-11,381629	-0,019	0,305
CHR8	6794351	CHR8:6794351	SSF x Far_LoA	-10,4756605	-0,071	0,304
CHR8	682781	CHR8:682781	SSF x Far_LoA	-8,23206724	0,093	0,296
CHR8	682830	CHR8:682830	SSF x Far_LoA	-9,46857466	0,022	0,316
CHR8	6829137	CHR8:6829137	SSF x Far_LoA	-6,5323756	0,148	0,303
CHR8	6829163	CHR8:6829163	SSF x Far_LoA	-9,86686487	-0,018	0,301
CHR8	6829180	CHR8:6829180	SSF x Far_LoA	-5,56398143	0,125	0,298
CHR8	6829296	CHR8:6829296	SSF x Far_LoA	-8,86994106	0,005	0,291
CHR8	6829301	CHR8:6829301	SSF x Far_LoA	-9,76217655	0,148	0,291
CHR8	6838446	CHR8:6838446	SSF x Far_LoA	-7,8584687	-0,103	0,310
CHR8	6838552	CHR8:6838552	SSF x Far_LoA	-8,28598511	0,010	0,310
CHR8	6838568	CHR8:6838568	SSF x Far_LoA	-9,3826661	0,044	0,311
CHR8	6838585	CHR8:6838585	SSF x Far_LoA	-10,5531406	0,019	0,307
CHR8	6838593	CHR8:6838593	SSF x Far_LoA	-8,58770216	-0,024	0,310
CHR8	683877	CHR8:683877	SSF x Far_LoA	-9,17325577	-0,027	0,299
CHR8	683897	CHR8:683897	SSF x Far_LoA	-9,6421178	-0,073	0,301
CHR8	6849048	CHR8:6849048	SSF x Far_LoA	-9,36562404	-0,139	0,305
CHR8	6866824	CHR8:6866824	SSF x Far_LoA	-10,9445484	-0,098	0,303
CHR8	6866966	CHR8:6866966	SSF x Far_LoA	-8,33707614	-0,017	0,313

CHR8	6866993	CHR8:6866993	SSF x Far_LoA	-8,80594443	0,001	0,314
CHR8	6866999	CHR8:6866999	SSF x Far_LoA	-9,45282149	0,002	0,305
CHR8	6867012	CHR8:6867012	SSF x Far_LoA	-10,8542121	0,014	0,304
CHR8	6867015	CHR8:6867015	SSF x Far_LoA	-10,9561512	0,020	0,316
CHR8	6869051	CHR8:6869051	SSF x Far_LoA	-10,9088139	-0,123	0,310
CHR8	6869067	CHR8:6869067	SSF x Far_LoA	-10,7797534	-0,106	0,313
CHR8	6869200	CHR8:6869200	SSF x Far_LoA	-9,97439573	-0,029	0,312
CHR8	6869202	CHR8:6869202	SSF x Far_LoA	-10,619554	-0,008	0,299
CHR8	6869204	CHR8:6869204	SSF x Far_LoA	9,51089498	0,123	0,300
CHR8	6869205	CHR8:6869205	SSF x Far_LoA	-7,01973724	0,135	0,299
CHR8	6870988	CHR8:6870988	SSF x Far_LoA	-10,418043	0,087	0,305
CHR8	6871007	CHR8:6871007	SSF x Far_LoA	-9,82184971	-0,015	0,308
CHR8	6875748	CHR8:6875748	SSF x Far_LoA	-10,7940651	0,065	0,295
CHR8	6875884	CHR8:6875884	SSF x Far_LoA	-9,84287634	0,041	0,298
CHR8	6879299	CHR8:6879299	SSF x Far_LoA	-12,0238876	-0,026	0,298
CHR8	6886301	CHR8:6886301	SSF x Far_LoA	-7,48868777	0,051	0,298
CHR8	6886419	CHR8:6886419	SSF x Far_LoA	-7,03045833	-0,109	0,299
CHR8	6886460	CHR8:6886460	SSF x Far_LoA	-10,2723746	-0,045	0,288
CHR8	6887071	CHR8:6887071	SSF x Far_LoA	-9,31565207	-0,059	0,306
CHR8	6911451	CHR8:6911451	SSF x Far_LoA	-9,27795066	-0,069	0,301
CHR8	6911460	CHR8:6911460	SSF x Far_LoA	-11,3589558	-0,060	0,307
CHR8	6914909	CHR8:6914909	SSF x Far_LoA	-7,3556073	0,144	0,298
CHR8	6917784	CHR8:6917784	SSF x Far_LoA	-9,086193	-0,032	0,306
CHR8	6917810	CHR8:6917810	SSF x Far_LoA	-9,33748405	-0,028	0,303
CHR8	6917826	CHR8:6917826	SSF x Far_LoA	-6,67928177	0,082	0,315
CHR8	6920240	CHR8:6920240	SSF x Far_LoA	-8,63984296	0,147	0,299
CHR8	6920320	CHR8:6920320	SSF x Far_LoA	-6,97403774	0,034	0,292
CHR8	6920353	CHR8:6920353	SSF x Far_LoA	-5,97460932	-0,173	0,292
CHR8	6920396	CHR8:6920396	SSF x Far_LoA	-10,6311604	-0,064	0,307
CHR8	6928089	CHR8:6928089	SSF x Far_LoA	-8,24077696	-0,011	0,300
CHR8	6928144	CHR8:6928144	SSF x Far_LoA	-7,01195495	0,015	0,305
CHR8	6928309	CHR8:6928309	SSF x Far_LoA	-8,3902139	0,126	0,306
CHR8	6933863	CHR8:6933863	SSF x Far_LoA	-10,5190942	-0,069	0,311
CHR8	6934020	CHR8:6934020	SSF x Far_LoA	-11,241612	0,131	0,292
CHR8	6939727	CHR8:6939727	SSF x Far_LoA	-8,69582017	-0,105	0,306
CHR8	6944318	CHR8:6944318	SSF x Far_LoA	-9,48495305	0,035	0,312
CHR8	6944390	CHR8:6944390	SSF x Far_LoA	-9,76325524	-0,006	0,303
CHR8	6946578	CHR8:6946578	SSF x Far_LoA	-9,37729511	-0,062	0,308
CHR8	6952911	CHR8:6952911	SSF x Far_LoA	-3,93195237	-0,035	0,316
CHR8	6953102	CHR8:6953102	SSF x Far_LoA	-7,68756022	0,037	0,316
CHR8	6953110	CHR8:6953110	SSF x Far_LoA	-8,69920781	0,005	0,319
CHR8	6953114	CHR8:6953114	SSF x Far_LoA	-8,82818763	-0,165	0,293
CHR8	6953129	CHR8:6953129	SSF x Far_LoA	-7,79267443	0,090	0,323
CHR8	696518	CHR8:696518	SSF x Far_LoA	-9,94481441	-0,080	0,307
CHR8	6969170	CHR8:6969170	SSF x Far_LoA	-8,21991965	0,029	0,301
CHR8	697968	CHR8:697968	SSF x Far_LoA	-9,42989441	-0,116	0,302
CHR8	698022	CHR8:698022	SSF x Far_LoA	-6,4692714	-0,115	0,301
CHR8	698090	CHR8:698090	SSF x Far_LoA	1,57289323	-0,145	0,311
CHR8	698213	CHR8:698213	SSF x Far_LoA	-7,23078939	0,114	0,292
CHR8	6987109	CHR8:6987109	SSF x Far_LoA	-8,58275672	0,059	0,308
CHR8	6987129	CHR8:6987129	SSF x Far_LoA	-11,2301532	0,083	0,309
CHR8	6989677	CHR8:6989677	SSF x Far_LoA	-8,35438503	0,035	0,301
CHR8	6989718	CHR8:6989718	SSF x Far_LoA	-9,05179135	0,030	0,315

CHR8	6989903	CHR8:6989903	SSF x Far_LoA	-5,15602865	-0,094	0,306
CHR8	7000479	CHR8:7000479	SSF x Far_LoA	-8,93844753	0,054	0,307
CHR8	7000480	CHR8:7000480	SSF x Far_LoA	-11,8443919	0,048	0,303
CHR8	7002198	CHR8:7002198	SSF x Far_LoA	-9,15430861	-0,110	0,303
CHR8	7002469	CHR8:7002469	SSF x Far_LoA	-9,21494003	-0,055	0,308
CHR8	7023089	CHR8:7023089	SSF x Far_LoA	-10,8189235	-0,005	0,307
CHR8	7023127	CHR8:7023127	SSF x Far_LoA	-8,31611902	-0,028	0,301
CHR8	7035066	CHR8:7035066	SSF x Far_LoA	-8,96724688	-0,056	0,305
CHR8	7035142	CHR8:7035142	SSF x Far_LoA	-10,3595873	-0,069	0,327
CHR8	7036073	CHR8:7036073	SSF x Far_LoA	-12,3063334	-0,030	0,306
CHR8	7038923	CHR8:7038923	SSF x Far_LoA	-11,6871099	-0,055	0,303
CHR8	7040644	CHR8:7040644	SSF x Far_LoA	-9,65616222	0,003	0,302
CHR8	7040734	CHR8:7040734	SSF x Far_LoA	-8,18510188	-0,079	0,307
CHR8	7043344	CHR8:7043344	SSF x Far_LoA	-9,55107454	-0,027	0,303
CHR8	7043509	CHR8:7043509	SSF x Far_LoA	-10,721999	-0,093	0,313
CHR8	7068420	CHR8:7068420	SSF x Far_LoA	-10,2842702	0,002	0,313
CHR8	7068475	CHR8:7068475	SSF x Far_LoA	-8,79381746	-0,032	0,297
CHR8	7068512	CHR8:7068512	SSF x Far_LoA	-11,4442366	0,018	0,303
CHR8	7068516	CHR8:7068516	SSF x Far_LoA	-11,2833797	0,003	0,315
CHR8	7076500	CHR8:7076500	SSF x Far_LoA	-9,13763986	-0,065	0,306
CHR8	7082802	CHR8:7082802	SSF x Far_LoA	-1,3461185	0,144	0,291
CHR8	7082863	CHR8:7082863	SSF x Far_LoA	-10,5086777	0,090	0,282
CHR8	7082953	CHR8:7082953	SSF x Far_LoA	-6,23528102	0,117	0,296
CHR8	7106966	CHR8:7106966	SSF x Far_LoA	-8,69866502	0,005	0,307
CHR8	7113795	CHR8:7113795	SSF x Far_LoA	-9,73064426	-0,062	0,301
CHR8	7113837	CHR8:7113837	SSF x Far_LoA	-7,50356856	-0,010	0,309
CHR8	7115434	CHR8:7115434	SSF x Far_LoA	-11,7635791	0,042	0,299
CHR8	7115549	CHR8:7115549	SSF x Far_LoA	-9,63958986	-0,052	0,303
CHR8	7115560	CHR8:7115560	SSF x Far_LoA	-11,2117259	0,017	0,314
CHR8	7115566	CHR8:7115566	SSF x Far_LoA	-10,5419003	-0,013	0,313
CHR8	7122320	CHR8:7122320	SSF x Far_LoA	-9,18155418	-0,040	0,316
CHR8	7122398	CHR8:7122398	SSF x Far_LoA	-7,61540135	-0,088	0,307
CHR8	7122604	CHR8:7122604	SSF x Far_LoA	-8,42999345	-0,120	0,306
CHR8	7122729	CHR8:7122729	SSF x Far_LoA	-9,4771604	-0,066	0,310
CHR8	7130387	CHR8:7130387	SSF x Far_LoA	-10,9426871	0,059	0,304
CHR8	714944	CHR8:714944	SSF x Far_LoA	-11,3370108	-0,003	0,308
CHR8	714984	CHR8:714984	SSF x Far_LoA	-10,35517	0,022	0,312
CHR8	715092	CHR8:715092	SSF x Far_LoA	-10,9146957	0,040	0,314
CHR8	715141	CHR8:715141	SSF x Far_LoA	-8,47277333	0,101	0,303
CHR8	719545	CHR8:719545	SSF x Far_LoA	-9,16068554	-0,012	0,319
CHR8	7206730	CHR8:7206730	SSF x Far_LoA	-8,60499423	0,035	0,307
CHR8	7209384	CHR8:7209384	SSF x Far_LoA	-5,68775074	-0,021	0,311
CHR8	7246643	CHR8:7246643	SSF x Far_LoA	-8,90944505	0,038	0,308
CHR8	7246711	CHR8:7246711	SSF x Far_LoA	-8,55102388	0,066	0,310
CHR8	7283233	CHR8:7283233	SSF x Far_LoA	-9,79127569	-0,075	0,308
CHR8	7283304	CHR8:7283304	SSF x Far_LoA	-10,645537	0,052	0,307
CHR8	7295776	CHR8:7295776	SSF x Far_LoA	-9,94185345	0,070	0,299
CHR8	7310051	CHR8:7310051	SSF x Far_LoA	-11,5218527	0,116	0,298
CHR8	7325100	CHR8:7325100	SSF x Far_LoA	-4,75989268	-0,217	0,282
CHR8	7325149	CHR8:7325149	SSF x Far_LoA	5,61957115	-0,167	0,300
CHR8	7330312	CHR8:7330312	SSF x Far_LoA	-10,2253959	-0,059	0,314
CHR8	7331560	CHR8:7331560	SSF x Far_LoA	-8,99362522	-0,162	0,298
CHR8	7331575	CHR8:7331575	SSF x Far_LoA	-6,00263888	-0,020	0,304

CHR8	735976	CHR8:735976	SSF x Far_LoA	-6,64081563	0,054	0,305
CHR8	736105	CHR8:736105	SSF x Far_LoA	-9,32849037	0,037	0,300
CHR8	736147	CHR8:736147	SSF x Far_LoA	-9,72238512	0,006	0,321
CHR8	7387987	CHR8:7387987	SSF x Far_LoA	-9,22241796	-0,024	0,315
CHR8	7398031	CHR8:7398031	SSF x Far_LoA	-9,44869265	-0,012	0,301
CHR8	7409038	CHR8:7409038	SSF x Far_LoA	-10,2012561	0,019	0,322
CHR8	7440402	CHR8:7440402	SSF x Far_LoA	-10,1052564	0,018	0,323
CHR8	7457067	CHR8:7457067	SSF x Far_LoA	-9,92526558	0,112	0,297
CHR8	7457226	CHR8:7457226	SSF x Far_LoA	-10,2780658	0,016	0,315
CHR8	7457247	CHR8:7457247	SSF x Far_LoA	-10,2839817	0,029	0,323
CHR8	7459269	CHR8:7459269	SSF x Far_LoA	-5,78215197	-0,164	0,309
CHR8	7459303	CHR8:7459303	SSF x Far_LoA	-6,99766083	0,004	0,316
CHR8	7459342	CHR8:7459342	SSF x Far_LoA	-8,52542708	0,059	0,319
CHR8	7470429	CHR8:7470429	SSF x Far_LoA	-11,507373	-0,028	0,308
CHR8	7470511	CHR8:7470511	SSF x Far_LoA	-11,1034546	0,016	0,307
CHR8	7473760	CHR8:7473760	SSF x Far_LoA	-9,06285641	0,064	0,313
CHR8	7473820	CHR8:7473820	SSF x Far_LoA	-8,53201292	-0,012	0,304
CHR8	7473831	CHR8:7473831	SSF x Far_LoA	-9,82115718	-0,076	0,294
CHR8	7473864	CHR8:7473864	SSF x Far_LoA	-10,0608416	-0,091	0,314
CHR8	7473983	CHR8:7473983	SSF x Far_LoA	-11,8654757	0,006	0,308
CHR8	7481727	CHR8:7481727	SSF x Far_LoA	-9,61038122	-0,053	0,312
CHR8	7481740	CHR8:7481740	SSF x Far_LoA	-8,86494562	0,015	0,305
CHR8	7481759	CHR8:7481759	SSF x Far_LoA	-9,3846595	0,012	0,314
CHR8	7487355	CHR8:7487355	SSF x Far_LoA	-9,57542035	-0,027	0,327
CHR8	7487365	CHR8:7487365	SSF x Far_LoA	-9,61649201	-0,045	0,314
CHR8	7487408	CHR8:7487408	SSF x Far_LoA	-4,3574633	0,082	0,312
CHR8	7487438	CHR8:7487438	SSF x Far_LoA	-9,86025287	-0,054	0,319
CHR8	7487448	CHR8:7487448	SSF x Far_LoA	-9,83222783	0,027	0,291
CHR8	7487455	CHR8:7487455	SSF x Far_LoA	-4,15828204	0,011	0,303
CHR8	7487460	CHR8:7487460	SSF x Far_LoA	-8,97656366	0,049	0,307
CHR8	7487463	CHR8:7487463	SSF x Far_LoA	-8,56600378	-0,046	0,325
CHR8	7487548	CHR8:7487548	SSF x Far_LoA	-7,75646597	-0,074	0,301
CHR8	7487566	CHR8:7487566	SSF x Far_LoA	-10,4998764	0,045	0,293
CHR8	7494348	CHR8:7494348	SSF x Far_LoA	-10,1635833	-0,095	0,281
CHR8	7494473	CHR8:7494473	SSF x Far_LoA	-10,2913429	-0,021	0,299
CHR8	7494557	CHR8:7494557	SSF x Far_LoA	-10,3471316	0,032	0,304
CHR8	7502421	CHR8:7502421	SSF x Far_LoA	-9,56929096	0,012	0,314
CHR8	7502522	CHR8:7502522	SSF x Far_LoA	-10,5742039	-0,022	0,305
CHR8	7502544	CHR8:7502544	SSF x Far_LoA	-10,1547166	0,099	0,304
CHR8	7502555	CHR8:7502555	SSF x Far_LoA	-5,83832583	-0,109	0,302
CHR8	750473	CHR8:750473	SSF x Far_LoA	-9,4812876	0,000	0,313
CHR8	7511045	CHR8:7511045	SSF x Far_LoA	-8,59807696	0,039	0,316
CHR8	7511093	CHR8:7511093	SSF x Far_LoA	-7,54643206	0,062	0,299
CHR8	7511095	CHR8:7511095	SSF x Far_LoA	-11,8786338	-0,017	0,314
CHR8	7511173	CHR8:7511173	SSF x Far_LoA	-10,8062381	0,012	0,286
CHR8	7519670	CHR8:7519670	SSF x Far_LoA	-8,41998557	0,079	0,308
CHR8	7524878	CHR8:7524878	SSF x Far_LoA	-9,64575367	0,040	0,300
CHR8	7524944	CHR8:7524944	SSF x Far_LoA	-9,76294922	0,061	0,297
CHR8	7524983	CHR8:7524983	SSF x Far_LoA	-10,8918349	0,089	0,303
CHR8	7525105	CHR8:7525105	SSF x Far_LoA	-6,70203721	0,124	0,304
CHR8	7525124	CHR8:7525124	SSF x Far_LoA	-9,16309685	-0,075	0,303
CHR8	7527754	CHR8:7527754	SSF x Far_LoA	-6,27809703	0,155	0,296
CHR8	7527756	CHR8:7527756	SSF x Far_LoA	-6,8256983	0,153	0,302

CHR8	7527830	CHR8:7527830	SSF x Far_LoA	-4,05874541	-0,160	0,311
CHR8	7529046	CHR8:7529046	SSF x Far_LoA	-7,77168619	0,132	0,300
CHR8	7529118	CHR8:7529118	SSF x Far_LoA	-9,73753645	0,007	0,309
CHR8	7529162	CHR8:7529162	SSF x Far_LoA	-10,4853559	-0,011	0,313
CHR8	7529169	CHR8:7529169	SSF x Far_LoA	-11,5057703	0,065	0,292
CHR8	7529182	CHR8:7529182	SSF x Far_LoA	-8,18062829	-0,018	0,322
CHR8	7529197	CHR8:7529197	SSF x Far_LoA	-9,60292748	0,006	0,295
CHR8	7529202	CHR8:7529202	SSF x Far_LoA	-10,0895	-0,111	0,300
CHR8	7545659	CHR8:7545659	SSF x Far_LoA	-8,89383196	-0,089	0,296
CHR8	7545724	CHR8:7545724	SSF x Far_LoA	-6,71414993	-0,159	0,290
CHR8	7545800	CHR8:7545800	SSF x Far_LoA	-11,804898	0,025	0,305
CHR8	7549975	CHR8:7549975	SSF x Far_LoA	-10,5047189	-0,065	0,314
CHR8	7550007	CHR8:7550007	SSF x Far_LoA	-8,37365057	0,016	0,324
CHR8	7550167	CHR8:7550167	SSF x Far_LoA	-10,904912	-0,010	0,316
CHR8	7550207	CHR8:7550207	SSF x Far_LoA	-10,9218908	0,011	0,299
CHR8	7560556	CHR8:7560556	SSF x Far_LoA	-11,5443916	-0,001	0,302
CHR8	7560567	CHR8:7560567	SSF x Far_LoA	-11,0969962	-0,033	0,290
CHR8	7561740	CHR8:7561740	SSF x Far_LoA	-9,9825969	-0,036	0,303
CHR8	7561786	CHR8:7561786	SSF x Far_LoA	-9,17367294	-0,014	0,310
CHR8	7561791	CHR8:7561791	SSF x Far_LoA	-9,84456918	-0,059	0,306
CHR8	757321	CHR8:757321	SSF x Far_LoA	-8,08859295	-0,013	0,319
CHR8	7574867	CHR8:7574867	SSF x Far_LoA	-9,180945	-0,020	0,292
CHR8	7574903	CHR8:7574903	SSF x Far_LoA	-9,47678543	-0,087	0,303
CHR8	7575762	CHR8:7575762	SSF x Far_LoA	-7,77997341	0,127	0,303
CHR8	7578885	CHR8:7578885	SSF x Far_LoA	-9,42110609	0,068	0,313
CHR8	7578968	CHR8:7578968	SSF x Far_LoA	-10,8116451	0,031	0,312
CHR8	7594185	CHR8:7594185	SSF x Far_LoA	-8,02334315	0,085	0,311
CHR8	7627774	CHR8:7627774	SSF x Far_LoA	-6,49324712	0,151	0,294
CHR8	7627780	CHR8:7627780	SSF x Far_LoA	-11,5612778	0,023	0,299
CHR8	7627782	CHR8:7627782	SSF x Far_LoA	-10,3280397	0,029	0,306
CHR8	7627842	CHR8:7627842	SSF x Far_LoA	-9,13948097	0,055	0,314
CHR8	7634353	CHR8:7634353	SSF x Far_LoA	-3,93688546	-0,049	0,305
CHR8	7634359	CHR8:7634359	SSF x Far_LoA	-8,80080222	0,064	0,300
CHR8	7634374	CHR8:7634374	SSF x Far_LoA	-9,31105707	0,021	0,305
CHR8	7646907	CHR8:7646907	SSF x Far_LoA	-9,24028348	0,125	0,298
CHR8	7646913	CHR8:7646913	SSF x Far_LoA	-6,89432383	-0,127	0,307
CHR8	7646964	CHR8:7646964	SSF x Far_LoA	-8,90616507	-0,051	0,316
CHR8	7647050	CHR8:7647050	SSF x Far_LoA	-8,41513327	0,094	0,304
CHR8	7656153	CHR8:7656153	SSF x Far_LoA	-8,90079281	0,097	0,306
CHR8	7656164	CHR8:7656164	SSF x Far_LoA	3,72429197	0,065	0,312
CHR8	7656189	CHR8:7656189	SSF x Far_LoA	-9,35236214	-0,008	0,309
CHR8	7656192	CHR8:7656192	SSF x Far_LoA	-8,28706954	0,020	0,304
CHR8	7656221	CHR8:7656221	SSF x Far_LoA	-10,608768	-0,016	0,312
CHR8	7656230	CHR8:7656230	SSF x Far_LoA	-9,53081251	0,029	0,308
CHR8	7656234	CHR8:7656234	SSF x Far_LoA	-9,24676185	-0,058	0,302
CHR8	7656236	CHR8:7656236	SSF x Far_LoA	-9,26816331	0,051	0,301
CHR8	7656290	CHR8:7656290	SSF x Far_LoA	-9,92630255	-0,061	0,311
CHR8	7656331	CHR8:7656331	SSF x Far_LoA	-5,88401354	0,162	0,298
CHR8	7656342	CHR8:7656342	SSF x Far_LoA	-7,8797619	-0,150	0,295
CHR8	7656355	CHR8:7656355	SSF x Far_LoA	-9,40712541	-0,007	0,300
CHR8	7656378	CHR8:7656378	SSF x Far_LoA	-0,6742138	0,161	0,299
CHR8	7656386	CHR8:7656386	SSF x Far_LoA	-10,5721635	0,005	0,315
CHR8	7667872	CHR8:7667872	SSF x Far_LoA	-8,78538175	-0,030	0,307

CHR8	7675296	CHR8:7675296	SSF x Far_LoA	-11,470218	-0,024	0,302
CHR8	7675342	CHR8:7675342	SSF x Far_LoA	-8,06003611	-0,064	0,301
CHR8	7675354	CHR8:7675354	SSF x Far_LoA	-9,56262894	0,000	0,304
CHR8	7675381	CHR8:7675381	SSF x Far_LoA	-9,47656415	0,094	0,296
CHR8	7675474	CHR8:7675474	SSF x Far_LoA	-9,08212851	-0,033	0,323
CHR8	7675476	CHR8:7675476	SSF x Far_LoA	-8,75909531	0,065	0,302
CHR8	7675497	CHR8:7675497	SSF x Far_LoA	-7,42637391	0,012	0,291
CHR8	7675498	CHR8:7675498	SSF x Far_LoA	-9,49477389	-0,099	0,297
CHR8	7675512	CHR8:7675512	SSF x Far_LoA	-10,4601352	-0,036	0,318
CHR8	7675532	CHR8:7675532	SSF x Far_LoA	-9,04088044	-0,080	0,314
CHR8	7701312	CHR8:7701312	SSF x Far_LoA	-8,80355246	0,023	0,318
CHR8	7701484	CHR8:7701484	SSF x Far_LoA	-11,4791129	0,065	0,299
CHR8	7701527	CHR8:7701527	SSF x Far_LoA	-9,39572982	-0,076	0,299
CHR8	7701528	CHR8:7701528	SSF x Far_LoA	-8,75957173	0,064	0,308
CHR8	7701538	CHR8:7701538	SSF x Far_LoA	-7,53278746	0,144	0,297
CHR8	7701547	CHR8:7701547	SSF x Far_LoA	-8,53597976	0,073	0,315
CHR8	7701550	CHR8:7701550	SSF x Far_LoA	-10,8094435	-0,071	0,310
CHR8	7701554	CHR8:7701554	SSF x Far_LoA	-0,78415404	-0,216	0,290
CHR8	7701579	CHR8:7701579	SSF x Far_LoA	-8,11406353	0,092	0,304
CHR8	7701581	CHR8:7701581	SSF x Far_LoA	-11,0718485	0,040	0,300
CHR8	7701591	CHR8:7701591	SSF x Far_LoA	-8,6721403	0,165	0,305
CHR8	7701622	CHR8:7701622	SSF x Far_LoA	-11,1542569	0,021	0,303
CHR8	7709807	CHR8:7709807	SSF x Far_LoA	-9,67127222	0,005	0,294
CHR8	7709895	CHR8:7709895	SSF x Far_LoA	-6,41440505	0,131	0,306
CHR8	7709906	CHR8:7709906	SSF x Far_LoA	-9,48340408	-0,107	0,296
CHR8	7709925	CHR8:7709925	SSF x Far_LoA	-11,1898676	0,031	0,303
CHR8	7709945	CHR8:7709945	SSF x Far_LoA	-10,0520647	-0,031	0,296
CHR8	7709954	CHR8:7709954	SSF x Far_LoA	-11,6762948	0,058	0,296
CHR8	7709961	CHR8:7709961	SSF x Far_LoA	-9,7700813	-0,106	0,313
CHR8	7709986	CHR8:7709986	SSF x Far_LoA	-9,06425095	0,109	0,310
CHR8	7710007	CHR8:7710007	SSF x Far_LoA	-8,93327439	-0,025	0,320
CHR8	7713932	CHR8:7713932	SSF x Far_LoA	-11,0594861	-0,082	0,292
CHR8	7713970	CHR8:7713970	SSF x Far_LoA	-5,01379111	-0,130	0,297
CHR8	7719440	CHR8:7719440	SSF x Far_LoA	-10,7710833	0,017	0,296
CHR8	7719454	CHR8:7719454	SSF x Far_LoA	-9,61592625	-0,066	0,313
CHR8	7719587	CHR8:7719587	SSF x Far_LoA	-9,95531388	-0,018	0,313
CHR8	7731088	CHR8:7731088	SSF x Far_LoA	-9,53218575	-0,030	0,323
CHR8	7731316	CHR8:7731316	SSF x Far_LoA	-11,2948733	-0,041	0,308
CHR8	7736709	CHR8:7736709	SSF x Far_LoA	-5,99623751	0,149	0,296
CHR8	7736712	CHR8:7736712	SSF x Far_LoA	-8,30306019	-0,044	0,318
CHR8	7736772	CHR8:7736772	SSF x Far_LoA	-6,07448056	-0,132	0,302
CHR8	7736791	CHR8:7736791	SSF x Far_LoA	-6,72155064	-0,176	0,288
CHR8	7736815	CHR8:7736815	SSF x Far_LoA	-5,12948063	0,075	0,302
CHR8	7736931	CHR8:7736931	SSF x Far_LoA	-7,01812175	0,031	0,303
CHR8	7745719	CHR8:7745719	SSF x Far_LoA	-9,02588494	0,088	0,299
CHR8	7745730	CHR8:7745730	SSF x Far_LoA	-9,19774988	0,064	0,314
CHR8	7745751	CHR8:7745751	SSF x Far_LoA	-8,64038619	-0,031	0,309
CHR8	7745757	CHR8:7745757	SSF x Far_LoA	-6,79427663	0,070	0,313
CHR8	7745765	CHR8:7745765	SSF x Far_LoA	-10,3188432	0,031	0,303
CHR8	7745839	CHR8:7745839	SSF x Far_LoA	-7,09049835	0,062	0,308
CHR8	775475	CHR8:775475	SSF x Far_LoA	-10,3322297	-0,014	0,311
CHR8	7756200	CHR8:7756200	SSF x Far_LoA	-8,63054681	-0,072	0,311
CHR8	7756202	CHR8:7756202	SSF x Far_LoA	-11,1123229	-0,036	0,300

CHR8	7756205	CHR8:7756205	SSF x Far_LoA	-11,743856	-0,046	0,297
CHR8	7756209	CHR8:7756209	SSF x Far_LoA	-10,8775627	-0,047	0,302
CHR8	7756227	CHR8:7756227	SSF x Far_LoA	-7,83187258	-0,064	0,297
CHR8	7756275	CHR8:7756275	SSF x Far_LoA	-11,459942	-0,048	0,316
CHR8	7757964	CHR8:7757964	SSF x Far_LoA	-12,0993923	0,053	0,300
CHR8	7761560	CHR8:7761560	SSF x Far_LoA	-6,44589214	-0,160	0,301
CHR8	7761616	CHR8:7761616	SSF x Far_LoA	-11,584844	-0,005	0,309
CHR8	7761620	CHR8:7761620	SSF x Far_LoA	-8,51219352	-0,053	0,315
CHR8	7761623	CHR8:7761623	SSF x Far_LoA	-8,85817397	-0,061	0,306
CHR8	7761707	CHR8:7761707	SSF x Far_LoA	-8,21386187	0,117	0,291
CHR8	7761715	CHR8:7761715	SSF x Far_LoA	-11,6331281	-0,015	0,315
CHR8	7768701	CHR8:7768701	SSF x Far_LoA	-10,8639474	0,065	0,296
CHR8	777317	CHR8:777317	SSF x Far_LoA	-9,93596411	0,133	0,297
CHR8	777454	CHR8:777454	SSF x Far_LoA	-8,00503498	0,086	0,297
CHR8	777462	CHR8:777462	SSF x Far_LoA	-9,6065916	-0,075	0,302
CHR8	777522	CHR8:777522	SSF x Far_LoA	-9,06781998	0,053	0,303
CHR8	7775793	CHR8:7775793	SSF x Far_LoA	-11,4197485	-0,078	0,296
CHR8	7776011	CHR8:7776011	SSF x Far_LoA	-12,004222	-0,037	0,299
CHR8	7776016	CHR8:7776016	SSF x Far_LoA	-9,98504519	0,056	0,311
CHR8	7776028	CHR8:7776028	SSF x Far_LoA	-7,22401516	0,113	0,298
CHR8	7782305	CHR8:7782305	SSF x Far_LoA	-9,19321789	0,018	0,308
CHR8	7782425	CHR8:7782425	SSF x Far_LoA	-9,5863206	0,010	0,317
CHR8	7782439	CHR8:7782439	SSF x Far_LoA	-9,78650073	-0,009	0,314
CHR8	7782455	CHR8:7782455	SSF x Far_LoA	-9,58960682	0,042	0,316
CHR8	7782520	CHR8:7782520	SSF x Far_LoA	-4,87471557	-0,013	0,306
CHR8	7793475	CHR8:7793475	SSF x Far_LoA	-6,07158524	-0,023	0,310
CHR8	7793553	CHR8:7793553	SSF x Far_LoA	-10,8844713	-0,018	0,298
CHR8	7793621	CHR8:7793621	SSF x Far_LoA	-12,4708888	0,032	0,306
CHR8	7793661	CHR8:7793661	SSF x Far_LoA	-9,62962954	0,075	0,297
CHR8	7793708	CHR8:7793708	SSF x Far_LoA	-9,97326868	0,015	0,302
CHR8	7793715	CHR8:7793715	SSF x Far_LoA	-9,52004143	-0,016	0,308
CHR8	7797522	CHR8:7797522	SSF x Far_LoA	-9,11135976	0,007	0,314
CHR8	7797523	CHR8:7797523	SSF x Far_LoA	-9,4088669	0,004	0,303
CHR8	779960	CHR8:779960	SSF x Far_LoA	-10,5197746	0,013	0,306
CHR8	779966	CHR8:779966	SSF x Far_LoA	-6,57708742	0,089	0,290
CHR8	7808399	CHR8:7808399	SSF x Far_LoA	-8,38454272	-0,005	0,315
CHR8	7808426	CHR8:7808426	SSF x Far_LoA	-9,25540433	-0,079	0,317
CHR8	7808500	CHR8:7808500	SSF x Far_LoA	-10,1010238	0,096	0,292
CHR8	7808501	CHR8:7808501	SSF x Far_LoA	-8,7708319	0,083	0,311
CHR8	7808502	CHR8:7808502	SSF x Far_LoA	-11,175793	-0,120	0,302
CHR8	7808570	CHR8:7808570	SSF x Far_LoA	-10,1963229	0,084	0,308
CHR8	7808598	CHR8:7808598	SSF x Far_LoA	-9,008979	-0,116	0,318
CHR8	7808599	CHR8:7808599	SSF x Far_LoA	-8,89037731	0,111	0,301
CHR8	7808610	CHR8:7808610	SSF x Far_LoA	-6,01788695	-0,212	0,294
CHR8	7808613	CHR8:7808613	SSF x Far_LoA	-11,3142232	-0,032	0,315
CHR8	7808663	CHR8:7808663	SSF x Far_LoA	-9,93644512	-0,046	0,319
CHR8	7813807	CHR8:7813807	SSF x Far_LoA	-9,53578709	-0,073	0,303
CHR8	7813849	CHR8:7813849	SSF x Far_LoA	-12,0259307	0,010	0,297
CHR8	7813886	CHR8:7813886	SSF x Far_LoA	-8,31229953	-0,064	0,288
CHR8	7813888	CHR8:7813888	SSF x Far_LoA	-5,52196291	-0,036	0,290
CHR8	7813918	CHR8:7813918	SSF x Far_LoA	-8,02295972	0,041	0,306
CHR8	7813936	CHR8:7813936	SSF x Far_LoA	-8,67431959	-0,031	0,299
CHR8	7814042	CHR8:7814042	SSF x Far_LoA	-10,3795277	0,064	0,295

CHR8	7828807	CHR8:7828807	SSF x Far_LoA	-6,31432207	0,081	0,293
CHR8	7828879	CHR8:7828879	SSF x Far_LoA	-9,7751013	-0,081	0,313
CHR8	7839246	CHR8:7839246	SSF x Far_LoA	-10,1798774	0,017	0,293
CHR8	7839324	CHR8:7839324	SSF x Far_LoA	-9,69552627	-0,065	0,292
CHR8	7839354	CHR8:7839354	SSF x Far_LoA	-11,1572314	-0,035	0,308
CHR8	7843377	CHR8:7843377	SSF x Far_LoA	-7,96767562	0,004	0,320
CHR8	7843402	CHR8:7843402	SSF x Far_LoA	-9,4028454	-0,031	0,315
CHR8	7843408	CHR8:7843408	SSF x Far_LoA	-8,37393442	-0,055	0,311
CHR8	7856298	CHR8:7856298	SSF x Far_LoA	-8,15302248	0,079	0,300
CHR8	7856372	CHR8:7856372	SSF x Far_LoA	-9,28604859	-0,053	0,305
CHR8	7856403	CHR8:7856403	SSF x Far_LoA	-12,3028164	-0,068	0,300
CHR8	7860201	CHR8:7860201	SSF x Far_LoA	-8,13393607	0,009	0,312
CHR8	7860212	CHR8:7860212	SSF x Far_LoA	-8,84870373	-0,172	0,293
CHR8	7860258	CHR8:7860258	SSF x Far_LoA	-8,13332015	-0,099	0,318
CHR8	7875226	CHR8:7875226	SSF x Far_LoA	-10,5297656	0,039	0,307
CHR8	7875304	CHR8:7875304	SSF x Far_LoA	-6,24209378	0,016	0,312
CHR8	7875374	CHR8:7875374	SSF x Far_LoA	-12,4196414	-0,119	0,303
CHR8	7875385	CHR8:7875385	SSF x Far_LoA	-6,26444858	-0,126	0,304
CHR8	7879365	CHR8:7879365	SSF x Far_LoA	-11,6490961	0,014	0,318
CHR8	7881237	CHR8:7881237	SSF x Far_LoA	-11,0433138	-0,018	0,312
CHR8	7881994	CHR8:7881994	SSF x Far_LoA	-8,47704483	0,014	0,320
CHR8	7882956	CHR8:7882956	SSF x Far_LoA	-9,25807299	-0,011	0,326
CHR8	7883049	CHR8:7883049	SSF x Far_LoA	-9,41719905	-0,100	0,292
CHR8	7890116	CHR8:7890116	SSF x Far_LoA	-8,76353281	-0,051	0,313
CHR8	7890140	CHR8:7890140	SSF x Far_LoA	-9,39557961	0,032	0,314
CHR8	7890160	CHR8:7890160	SSF x Far_LoA	-3,94974428	-0,169	0,298
CHR8	7890209	CHR8:7890209	SSF x Far_LoA	-11,2851063	-0,042	0,315
CHR8	7890227	CHR8:7890227	SSF x Far_LoA	-11,2836772	-0,028	0,308
CHR8	7890237	CHR8:7890237	SSF x Far_LoA	-7,76427746	0,012	0,292
CHR8	7890280	CHR8:7890280	SSF x Far_LoA	-7,58302208	-0,161	0,293
CHR8	7890311	CHR8:7890311	SSF x Far_LoA	-8,39115844	-0,085	0,313
CHR8	7890328	CHR8:7890328	SSF x Far_LoA	-9,68301024	-0,037	0,320
CHR8	7893474	CHR8:7893474	SSF x Far_LoA	-10,148278	-0,023	0,315
CHR8	7893484	CHR8:7893484	SSF x Far_LoA	-9,32751265	-0,002	0,308
CHR8	7893514	CHR8:7893514	SSF x Far_LoA	-1,17721472	0,058	0,303
CHR8	7893547	CHR8:7893547	SSF x Far_LoA	-9,06942631	0,103	0,300
CHR8	7893548	CHR8:7893548	SSF x Far_LoA	-9,0546739	-0,039	0,314
CHR8	7899573	CHR8:7899573	SSF x Far_LoA	-10,894088	-0,011	0,302
CHR8	7899574	CHR8:7899574	SSF x Far_LoA	-7,57722513	-0,086	0,285
CHR8	7899644	CHR8:7899644	SSF x Far_LoA	-9,74851283	-0,001	0,306
CHR8	7899666	CHR8:7899666	SSF x Far_LoA	-9,57689458	-0,085	0,295
CHR8	7902716	CHR8:7902716	SSF x Far_LoA	-8,88375859	-0,100	0,294
CHR8	7902799	CHR8:7902799	SSF x Far_LoA	-10,3032327	-0,005	0,312
CHR8	7906611	CHR8:7906611	SSF x Far_LoA	-10,7610567	0,076	0,293
CHR8	7906661	CHR8:7906661	SSF x Far_LoA	-9,50545276	-0,080	0,310
CHR8	7906802	CHR8:7906802	SSF x Far_LoA	-9,75635842	0,024	0,311
CHR8	7914153	CHR8:7914153	SSF x Far_LoA	-8,53503592	0,046	0,310
CHR8	7914174	CHR8:7914174	SSF x Far_LoA	-9,61272674	0,081	0,312
CHR8	7914274	CHR8:7914274	SSF x Far_LoA	-9,49715007	-0,021	0,310
CHR8	7914356	CHR8:7914356	SSF x Far_LoA	-10,5388587	0,018	0,297
CHR8	7914366	CHR8:7914366	SSF x Far_LoA	-11,5697825	0,045	0,313
CHR8	7917499	CHR8:7917499	SSF x Far_LoA	-7,5816732	0,180	0,283
CHR8	7917659	CHR8:7917659	SSF x Far_LoA	-8,94251228	0,099	0,297

CHR8	7921644	CHR8:7921644	SSF x Far_LoA	-11,1394286	-0,068	0,326
CHR8	7921651	CHR8:7921651	SSF x Far_LoA	-9,79663273	-0,021	0,312
CHR8	7921678	CHR8:7921678	SSF x Far_LoA	-11,5182803	0,062	0,297
CHR8	7921715	CHR8:7921715	SSF x Far_LoA	-9,79138629	-0,123	0,303
CHR8	7930339	CHR8:7930339	SSF x Far_LoA	-9,11858453	0,038	0,293
CHR8	7931434	CHR8:7931434	SSF x Far_LoA	-7,97056272	0,113	0,298
CHR8	7931498	CHR8:7931498	SSF x Far_LoA	-5,24348832	-0,155	0,309
CHR8	7931597	CHR8:7931597	SSF x Far_LoA	-10,0101077	-0,054	0,302
CHR8	7931605	CHR8:7931605	SSF x Far_LoA	-10,5525454	-0,036	0,294
CHR8	7935731	CHR8:7935731	SSF x Far_LoA	-9,93399721	-0,025	0,317
CHR8	7935734	CHR8:7935734	SSF x Far_LoA	-10,9272188	-0,060	0,304
CHR8	7935791	CHR8:7935791	SSF x Far_LoA	-9,24033258	0,011	0,310
CHR8	79369	CHR8:79369	SSF x Far_LoA	-3,60190252	0,175	0,305
CHR8	7939116	CHR8:7939116	SSF x Far_LoA	-8,8719523	-0,131	0,312
CHR8	7939129	CHR8:7939129	SSF x Far_LoA	-7,71917678	-0,154	0,309
CHR8	7939198	CHR8:7939198	SSF x Far_LoA	-11,3716761	0,028	0,309
CHR8	7940982	CHR8:7940982	SSF x Far_LoA	-8,08689487	-0,022	0,296
CHR8	7941074	CHR8:7941074	SSF x Far_LoA	-8,81811787	-0,041	0,308
CHR8	7949139	CHR8:7949139	SSF x Far_LoA	-11,0761724	0,027	0,286
CHR8	7963224	CHR8:7963224	SSF x Far_LoA	-10,0717596	0,027	0,295
CHR8	797028	CHR8:797028	SSF x Far_LoA	-10,5840499	0,036	0,300
CHR8	8001255	CHR8:8001255	SSF x Far_LoA	-8,27852269	-0,031	0,319
CHR8	8002919	CHR8:8002919	SSF x Far_LoA	-7,23968093	0,114	0,305
CHR8	8003034	CHR8:8003034	SSF x Far_LoA	-8,23569049	0,077	0,303
CHR8	8023477	CHR8:8023477	SSF x Far_LoA	-8,5764694	-0,111	0,299
CHR8	8023479	CHR8:8023479	SSF x Far_LoA	-7,25533749	-0,146	0,298
CHR8	8023546	CHR8:8023546	SSF x Far_LoA	-9,62584727	-0,020	0,322
CHR8	8023607	CHR8:8023607	SSF x Far_LoA	-10,3856164	-0,087	0,301
CHR8	8023629	CHR8:8023629	SSF x Far_LoA	-10,4805099	-0,016	0,301
CHR8	8025414	CHR8:8025414	SSF x Far_LoA	-8,88335481	-0,027	0,311
CHR8	803964	CHR8:803964	SSF x Far_LoA	-7,28617364	-0,049	0,316
CHR8	804149	CHR8:804149	SSF x Far_LoA	-9,02073925	-0,071	0,299
CHR8	804153	CHR8:804153	SSF x Far_LoA	-5,63987731	-0,022	0,302
CHR8	8046917	CHR8:8046917	SSF x Far_LoA	-7,73608698	0,123	0,298
CHR8	8046926	CHR8:8046926	SSF x Far_LoA	-7,30111188	-0,151	0,307
CHR8	8046963	CHR8:8046963	SSF x Far_LoA	-6,51635873	0,016	0,315
CHR8	8047092	CHR8:8047092	SSF x Far_LoA	-10,5658121	0,007	0,293
CHR8	8047156	CHR8:8047156	SSF x Far_LoA	-9,02922366	0,003	0,311
CHR8	8047157	CHR8:8047157	SSF x Far_LoA	-8,58548732	-0,092	0,300
CHR8	8047223	CHR8:8047223	SSF x Far_LoA	-9,35821336	0,001	0,302
CHR8	8054758	CHR8:8054758	SSF x Far_LoA	-7,09024532	0,008	0,299
CHR8	8064709	CHR8:8064709	SSF x Far_LoA	-9,064074	0,043	0,294
CHR8	8064755	CHR8:8064755	SSF x Far_LoA	-8,64705075	0,103	0,309
CHR8	8064776	CHR8:8064776	SSF x Far_LoA	-5,71165869	0,200	0,301
CHR8	8064803	CHR8:8064803	SSF x Far_LoA	-7,53283068	0,149	0,286
CHR8	8064836	CHR8:8064836	SSF x Far_LoA	-8,78516334	-0,038	0,302
CHR8	806685	CHR8:806685	SSF x Far_LoA	-8,53683057	-0,153	0,305
CHR8	8068170	CHR8:8068170	SSF x Far_LoA	-11,8726971	0,041	0,308
CHR8	8069181	CHR8:8069181	SSF x Far_LoA	-10,3592838	-0,029	0,291
CHR8	8069222	CHR8:8069222	SSF x Far_LoA	-7,78918208	-0,051	0,298
CHR8	8069272	CHR8:8069272	SSF x Far_LoA	-11,2998037	-0,028	0,300
CHR8	8076193	CHR8:8076193	SSF x Far_LoA	-11,1376416	0,019	0,309
CHR8	8093632	CHR8:8093632	SSF x Far_LoA	-10,4686686	0,050	0,311

CHR8	8093676	CHR8:8093676	SSF x Far_LoA	-11,2724474	0,112	0,296
CHR8	8097524	CHR8:8097524	SSF x Far_LoA	-9,67146269	-0,028	0,315
CHR8	8097569	CHR8:8097569	SSF x Far_LoA	-10,9190629	-0,068	0,314
CHR8	8098233	CHR8:8098233	SSF x Far_LoA	-9,92576555	0,084	0,306
CHR8	8104172	CHR8:8104172	SSF x Far_LoA	-6,79649131	-0,023	0,306
CHR8	8106642	CHR8:8106642	SSF x Far_LoA	-7,55893323	-0,053	0,300
CHR8	8111127	CHR8:8111127	SSF x Far_LoA	-9,29231693	-0,039	0,307
CHR8	8111147	CHR8:8111147	SSF x Far_LoA	-9,33822946	0,013	0,306
CHR8	8111172	CHR8:8111172	SSF x Far_LoA	-11,0739112	-0,022	0,323
CHR8	8111189	CHR8:8111189	SSF x Far_LoA	-8,13609901	-0,073	0,317
CHR8	8115111	CHR8:8115111	SSF x Far_LoA	-11,5802252	0,026	0,299
CHR8	8115140	CHR8:8115140	SSF x Far_LoA	-11,3967025	-0,023	0,288
CHR8	8115147	CHR8:8115147	SSF x Far_LoA	-9,43497177	-0,014	0,302
CHR8	8115169	CHR8:8115169	SSF x Far_LoA	-10,932669	-0,037	0,311
CHR8	8115179	CHR8:8115179	SSF x Far_LoA	-9,63950159	0,132	0,286
CHR8	8115298	CHR8:8115298	SSF x Far_LoA	-11,4405406	0,065	0,307
CHR8	8115305	CHR8:8115305	SSF x Far_LoA	-7,73938213	-0,102	0,298
CHR8	8115309	CHR8:8115309	SSF x Far_LoA	-10,3559469	-0,001	0,299
CHR8	8120284	CHR8:8120284	SSF x Far_LoA	4,07920119	-0,147	0,306
CHR8	8120333	CHR8:8120333	SSF x Far_LoA	-8,79310177	-0,100	0,301
CHR8	8120398	CHR8:8120398	SSF x Far_LoA	-9,07311217	-0,008	0,329
CHR8	8120408	CHR8:8120408	SSF x Far_LoA	-10,6508891	0,094	0,300
CHR8	8120422	CHR8:8120422	SSF x Far_LoA	-4,16725254	0,178	0,304
CHR8	8120452	CHR8:8120452	SSF x Far_LoA	-7,13813157	0,181	0,295
CHR8	8120457	CHR8:8120457	SSF x Far_LoA	-8,84932857	-0,027	0,303
CHR8	8120476	CHR8:8120476	SSF x Far_LoA	-11,3898441	-0,023	0,299
CHR8	8120574	CHR8:8120574	SSF x Far_LoA	-11,1668314	-0,034	0,306
CHR8	8120600	CHR8:8120600	SSF x Far_LoA	-7,59094545	-0,046	0,318
CHR8	8131836	CHR8:8131836	SSF x Far_LoA	-9,12099223	-0,018	0,295
CHR8	8131888	CHR8:8131888	SSF x Far_LoA	-3,89436842	-0,157	0,312
CHR8	8131970	CHR8:8131970	SSF x Far_LoA	-8,1007731	-0,080	0,304
CHR8	8132002	CHR8:8132002	SSF x Far_LoA	-9,94082006	0,032	0,318
CHR8	8132003	CHR8:8132003	SSF x Far_LoA	-10,3184006	-0,016	0,298
CHR8	8132009	CHR8:8132009	SSF x Far_LoA	-9,04874421	-0,046	0,314
CHR8	8132047	CHR8:8132047	SSF x Far_LoA	-8,50279288	-0,080	0,297
CHR8	8132053	CHR8:8132053	SSF x Far_LoA	-10,1726936	-0,028	0,297
CHR8	81331	CHR8:81331	SSF x Far_LoA	-10,7230449	-0,096	0,309
CHR8	81341	CHR8:81341	SSF x Far_LoA	-4,71433107	-0,061	0,317
CHR8	8134531	CHR8:8134531	SSF x Far_LoA	-7,02023881	0,102	0,305
CHR8	8142225	CHR8:8142225	SSF x Far_LoA	-6,33187408	-0,186	0,289
CHR8	8142248	CHR8:8142248	SSF x Far_LoA	-11,4658643	0,017	0,309
CHR8	8142272	CHR8:8142272	SSF x Far_LoA	-8,30139154	0,018	0,300
CHR8	8143810	CHR8:8143810	SSF x Far_LoA	-10,6637599	-0,059	0,300
CHR8	8143853	CHR8:8143853	SSF x Far_LoA	-9,31930075	-0,052	0,310
CHR8	8143873	CHR8:8143873	SSF x Far_LoA	-8,37880291	-0,087	0,305
CHR8	8161895	CHR8:8161895	SSF x Far_LoA	-9,35378254	0,120	0,289
CHR8	8164316	CHR8:8164316	SSF x Far_LoA	-8,22103483	-0,001	0,294
CHR8	8164348	CHR8:8164348	SSF x Far_LoA	-6,64058286	-0,090	0,307
CHR8	8164360	CHR8:8164360	SSF x Far_LoA	-8,88984792	-0,095	0,316
CHR8	8164382	CHR8:8164382	SSF x Far_LoA	-7,69051564	0,176	0,292
CHR8	8164411	CHR8:8164411	SSF x Far_LoA	-9,85767786	0,046	0,295
CHR8	8164418	CHR8:8164418	SSF x Far_LoA	-10,704353	0,072	0,299
CHR8	8189145	CHR8:8189145	SSF x Far_LoA	-6,49711625	-0,132	0,286

CHR8	8189168	CHR8:8189168	SSF x Far_LoA	-9,03667606	0,051	0,300
CHR8	8189181	CHR8:8189181	SSF x Far_LoA	-7,4183388	0,198	0,287
CHR8	8190199	CHR8:8190199	SSF x Far_LoA	-10,1545806	-0,098	0,317
CHR8	8190271	CHR8:8190271	SSF x Far_LoA	-10,5848953	-0,023	0,313
CHR8	8190572	CHR8:8190572	SSF x Far_LoA	-11,4504397	-0,010	0,294
CHR8	8204401	CHR8:8204401	SSF x Far_LoA	-10,4796251	-0,003	0,298
CHR8	8204409	CHR8:8204409	SSF x Far_LoA	-9,20820205	-0,002	0,293
CHR8	8221454	CHR8:8221454	SSF x Far_LoA	-11,828227	-0,036	0,300
CHR8	8248817	CHR8:8248817	SSF x Far_LoA	-9,62086328	0,038	0,312
CHR8	8251643	CHR8:8251643	SSF x Far_LoA	-6,59320579	-0,135	0,307
CHR8	8251672	CHR8:8251672	SSF x Far_LoA	-8,84127595	0,018	0,306
CHR8	8251685	CHR8:8251685	SSF x Far_LoA	-7,31044577	-0,089	0,313
CHR8	8251691	CHR8:8251691	SSF x Far_LoA	-10,6398718	-0,011	0,302
CHR8	8251692	CHR8:8251692	SSF x Far_LoA	-11,2203234	-0,007	0,301
CHR8	8251715	CHR8:8251715	SSF x Far_LoA	-6,80583183	-0,128	0,305
CHR8	8251719	CHR8:8251719	SSF x Far_LoA	-8,89658735	-0,117	0,300
CHR8	8251743	CHR8:8251743	SSF x Far_LoA	-10,4067984	0,044	0,305
CHR8	8251766	CHR8:8251766	SSF x Far_LoA	-0,23253601	0,112	0,303
CHR8	8251776	CHR8:8251776	SSF x Far_LoA	-5,2347945	-0,070	0,319
CHR8	8251861	CHR8:8251861	SSF x Far_LoA	-9,73410257	-0,003	0,306
CHR8	8272726	CHR8:8272726	SSF x Far_LoA	-9,23886069	0,044	0,313
CHR8	8277466	CHR8:8277466	SSF x Far_LoA	-8,49490382	0,157	0,299
CHR8	8277579	CHR8:8277579	SSF x Far_LoA	6,71185568	0,001	0,321
CHR8	8281085	CHR8:8281085	SSF x Far_LoA	-9,58568582	0,087	0,301
CHR8	8281106	CHR8:8281106	SSF x Far_LoA	-11,1058413	0,039	0,294
CHR8	8281121	CHR8:8281121	SSF x Far_LoA	-7,59428869	-0,045	0,299
CHR8	8281211	CHR8:8281211	SSF x Far_LoA	-8,58392519	-0,010	0,303
CHR8	8281273	CHR8:8281273	SSF x Far_LoA	-10,7744035	0,055	0,308
CHR8	8281331	CHR8:8281331	SSF x Far_LoA	-8,72031296	0,018	0,295
CHR8	8281333	CHR8:8281333	SSF x Far_LoA	-10,3224262	-0,003	0,314
CHR8	8289904	CHR8:8289904	SSF x Far_LoA	-8,22178014	-0,003	0,302
CHR8	8289914	CHR8:8289914	SSF x Far_LoA	-7,49288524	-0,015	0,315
CHR8	8291319	CHR8:8291319	SSF x Far_LoA	-6,45239866	0,051	0,317
CHR8	8297771	CHR8:8297771	SSF x Far_LoA	-9,15545619	0,068	0,308
CHR8	8297801	CHR8:8297801	SSF x Far_LoA	-8,70549526	-0,045	0,305
CHR8	8297809	CHR8:8297809	SSF x Far_LoA	-10,7461517	-0,101	0,305
CHR8	8297811	CHR8:8297811	SSF x Far_LoA	-7,18465375	0,079	0,320
CHR8	8297815	CHR8:8297815	SSF x Far_LoA	-9,12360125	-0,042	0,308
CHR8	8297845	CHR8:8297845	SSF x Far_LoA	-8,46599273	-0,027	0,300
CHR8	8301982	CHR8:8301982	SSF x Far_LoA	-12,3344006	-0,053	0,281
CHR8	8301997	CHR8:8301997	SSF x Far_LoA	-8,66034439	-0,011	0,323
CHR8	8309960	CHR8:8309960	SSF x Far_LoA	-7,62052372	0,160	0,301
CHR8	832193	CHR8:832193	SSF x Far_LoA	-8,87711972	-0,040	0,311
CHR8	832264	CHR8:832264	SSF x Far_LoA	-8,48757287	-0,024	0,312
CHR8	832331	CHR8:832331	SSF x Far_LoA	-8,81560898	0,005	0,310
CHR8	8335216	CHR8:8335216	SSF x Far_LoA	-7,44725802	-0,055	0,316
CHR8	8335217	CHR8:8335217	SSF x Far_LoA	-9,34084783	0,000	0,306
CHR8	8335222	CHR8:8335222	SSF x Far_LoA	-8,40278166	0,033	0,308
CHR8	8335243	CHR8:8335243	SSF x Far_LoA	-8,95564552	0,032	0,303
CHR8	8335253	CHR8:8335253	SSF x Far_LoA	-8,35065624	0,030	0,306
CHR8	8335288	CHR8:8335288	SSF x Far_LoA	-0,44214615	0,024	0,306
CHR8	8335304	CHR8:8335304	SSF x Far_LoA	-11,0250048	0,011	0,303
CHR8	8335392	CHR8:8335392	SSF x Far_LoA	-10,6561943	-0,051	0,310

CHR8	8335451	CHR8:8335451	SSF x Far_LoA	-10,9787835	-0,088	0,308
CHR8	8348204	CHR8:8348204	SSF x Far_LoA	-9,02651551	0,028	0,306
CHR8	8348217	CHR8:8348217	SSF x Far_LoA	-7,95356487	0,037	0,309
CHR8	8348224	CHR8:8348224	SSF x Far_LoA	-8,87789769	0,009	0,316
CHR8	8348299	CHR8:8348299	SSF x Far_LoA	-7,18001281	-0,063	0,313
CHR8	8350689	CHR8:8350689	SSF x Far_LoA	-8,71777634	-0,096	0,306
CHR8	8350707	CHR8:8350707	SSF x Far_LoA	-6,56312859	0,181	0,310
CHR8	8356060	CHR8:8356060	SSF x Far_LoA	-9,07393797	-0,037	0,299
CHR8	8356062	CHR8:8356062	SSF x Far_LoA	-9,19307984	0,037	0,319
CHR8	8356066	CHR8:8356066	SSF x Far_LoA	-7,58260779	0,051	0,317
CHR8	8356069	CHR8:8356069	SSF x Far_LoA	-10,1330279	-0,073	0,298
CHR8	8356079	CHR8:8356079	SSF x Far_LoA	-9,41632923	0,024	0,314
CHR8	8356084	CHR8:8356084	SSF x Far_LoA	-10,5364927	0,014	0,298
CHR8	8356093	CHR8:8356093	SSF x Far_LoA	-7,11694274	0,001	0,327
CHR8	8356102	CHR8:8356102	SSF x Far_LoA	-7,40633835	0,006	0,305
CHR8	8356132	CHR8:8356132	SSF x Far_LoA	-9,0675448	0,027	0,302
CHR8	8362055	CHR8:8362055	SSF x Far_LoA	-8,84132721	0,041	0,308
CHR8	8362074	CHR8:8362074	SSF x Far_LoA	-7,63789082	-0,042	0,306
CHR8	8362102	CHR8:8362102	SSF x Far_LoA	-9,4255813	-0,033	0,307
CHR8	8362151	CHR8:8362151	SSF x Far_LoA	-8,29802976	-0,020	0,301
CHR8	8362186	CHR8:8362186	SSF x Far_LoA	-11,7684891	-0,035	0,292
CHR8	8362229	CHR8:8362229	SSF x Far_LoA	-7,45065471	0,009	0,314
CHR8	8362305	CHR8:8362305	SSF x Far_LoA	-9,27961784	0,048	0,299
CHR8	8362326	CHR8:8362326	SSF x Far_LoA	-9,24917052	-0,081	0,306
CHR8	8364723	CHR8:8364723	SSF x Far_LoA	-3,39267304	-0,058	0,313
CHR8	8364726	CHR8:8364726	SSF x Far_LoA	-8,79366357	-0,089	0,303
CHR8	8364758	CHR8:8364758	SSF x Far_LoA	-9,7082112	0,127	0,285
CHR8	8364793	CHR8:8364793	SSF x Far_LoA	-3,8781945	0,077	0,295
CHR8	8381907	CHR8:8381907	SSF x Far_LoA	-10,4786541	0,020	0,300
CHR8	8381929	CHR8:8381929	SSF x Far_LoA	-9,59994778	-0,013	0,322
CHR8	8384320	CHR8:8384320	SSF x Far_LoA	-6,93179529	-0,038	0,325
CHR8	8384335	CHR8:8384335	SSF x Far_LoA	-8,68742625	0,054	0,312
CHR8	8384352	CHR8:8384352	SSF x Far_LoA	-8,00452729	-0,036	0,314
CHR8	8384354	CHR8:8384354	SSF x Far_LoA	-8,4557033	-0,030	0,313
CHR8	8384423	CHR8:8384423	SSF x Far_LoA	-8,20038546	-0,050	0,306
CHR8	8418674	CHR8:8418674	SSF x Far_LoA	3,49458972	0,104	0,290
CHR8	8418709	CHR8:8418709	SSF x Far_LoA	-9,11118343	0,006	0,317
CHR8	8421310	CHR8:8421310	SSF x Far_LoA	-7,01129149	0,111	0,313
CHR8	8421319	CHR8:8421319	SSF x Far_LoA	-10,2320277	0,033	0,305
CHR8	8421331	CHR8:8421331	SSF x Far_LoA	-4,96159368	-0,152	0,308
CHR8	8423541	CHR8:8423541	SSF x Far_LoA	-5,88186717	-0,019	0,305
CHR8	8423579	CHR8:8423579	SSF x Far_LoA	-3,08420485	-0,016	0,321
CHR8	8423601	CHR8:8423601	SSF x Far_LoA	-9,13165741	0,106	0,296
CHR8	8423784	CHR8:8423784	SSF x Far_LoA	-9,26666791	0,097	0,306
CHR8	8430597	CHR8:8430597	SSF x Far_LoA	-5,77386375	0,045	0,304
CHR8	8430623	CHR8:8430623	SSF x Far_LoA	-11,0362836	0,114	0,290
CHR8	844438	CHR8:844438	SSF x Far_LoA	-11,6032704	-0,062	0,310
CHR8	8452781	CHR8:8452781	SSF x Far_LoA	-10,9222451	0,069	0,320
CHR8	8452819	CHR8:8452819	SSF x Far_LoA	-6,85722586	0,167	0,298
CHR8	8452827	CHR8:8452827	SSF x Far_LoA	-10,9424586	0,109	0,311
CHR8	8452832	CHR8:8452832	SSF x Far_LoA	-6,22900329	0,173	0,276
CHR8	8452879	CHR8:8452879	SSF x Far_LoA	-9,0245759	0,088	0,306
CHR8	8452915	CHR8:8452915	SSF x Far_LoA	-10,6823109	0,058	0,309

CHR8	846750	CHR8:846750	SSF x Far_LoA	-6,90976021	-0,105	0,300
CHR8	846810	CHR8:846810	SSF x Far_LoA	-10,2581256	-0,016	0,311
CHR8	8468345	CHR8:8468345	SSF x Far_LoA	-10,5976128	-0,048	0,294
CHR8	8468401	CHR8:8468401	SSF x Far_LoA	-9,57026097	-0,007	0,307
CHR8	846859	CHR8:846859	SSF x Far_LoA	-8,36481283	0,022	0,297
CHR8	846941	CHR8:846941	SSF x Far_LoA	-9,68048754	0,019	0,301
CHR8	846946	CHR8:846946	SSF x Far_LoA	-10,488835	-0,138	0,299
CHR8	8485426	CHR8:8485426	SSF x Far_LoA	-9,76756909	-0,048	0,305
CHR8	8485501	CHR8:8485501	SSF x Far_LoA	-10,2171348	0,055	0,312
CHR8	8486903	CHR8:8486903	SSF x Far_LoA	-8,57904519	0,093	0,323
CHR8	8486938	CHR8:8486938	SSF x Far_LoA	-6,92921626	0,153	0,306
CHR8	8486950	CHR8:8486950	SSF x Far_LoA	-4,9315296	0,130	0,304
CHR8	8486987	CHR8:8486987	SSF x Far_LoA	-8,34762544	-0,155	0,304
CHR8	8486995	CHR8:8486995	SSF x Far_LoA	-2,85525329	0,148	0,300
CHR8	8487038	CHR8:8487038	SSF x Far_LoA	-8,61242102	-0,108	0,303
CHR8	8487111	CHR8:8487111	SSF x Far_LoA	-11,0144673	-0,117	0,317
CHR8	8487145	CHR8:8487145	SSF x Far_LoA	-10,1886375	-0,002	0,317
CHR8	8500311	CHR8:8500311	SSF x Far_LoA	-9,89388312	-0,095	0,304
CHR8	8500324	CHR8:8500324	SSF x Far_LoA	-7,42113393	0,131	0,309
CHR8	8500326	CHR8:8500326	SSF x Far_LoA	-5,81974483	0,103	0,304
CHR8	8516882	CHR8:8516882	SSF x Far_LoA	-10,3954292	0,027	0,302
CHR8	8528980	CHR8:8528980	SSF x Far_LoA	-10,5632078	-0,125	0,290
CHR8	8530498	CHR8:8530498	SSF x Far_LoA	-8,28530245	0,090	0,294
CHR8	8530570	CHR8:8530570	SSF x Far_LoA	-9,4704903	-0,049	0,301
CHR8	8530677	CHR8:8530677	SSF x Far_LoA	-9,58765696	0,001	0,310
CHR8	8551986	CHR8:8551986	SSF x Far_LoA	-6,97887864	-0,096	0,306
CHR8	8551997	CHR8:8551997	SSF x Far_LoA	-8,75991067	0,013	0,310
CHR8	8552003	CHR8:8552003	SSF x Far_LoA	-10,4001037	0,043	0,301
CHR8	8552024	CHR8:8552024	SSF x Far_LoA	-8,36680925	0,015	0,312
CHR8	8552340	CHR8:8552340	SSF x Far_LoA	-8,2250741	0,099	0,317
CHR8	8552364	CHR8:8552364	SSF x Far_LoA	-9,94576591	-0,063	0,309
CHR8	8552387	CHR8:8552387	SSF x Far_LoA	-10,1291713	-0,056	0,325
CHR8	8552443	CHR8:8552443	SSF x Far_LoA	-11,9230357	-0,075	0,303
CHR8	8552460	CHR8:8552460	SSF x Far_LoA	-6,17217475	-0,035	0,313
CHR8	8552462	CHR8:8552462	SSF x Far_LoA	-9,09540873	-0,057	0,303
CHR8	8563892	CHR8:8563892	SSF x Far_LoA	-8,7598436	-0,147	0,286
CHR8	8563904	CHR8:8563904	SSF x Far_LoA	-7,37737487	-0,140	0,304
CHR8	8563924	CHR8:8563924	SSF x Far_LoA	-6,45934692	-0,140	0,299
CHR8	8563925	CHR8:8563925	SSF x Far_LoA	-6,05599219	-0,163	0,306
CHR8	8563927	CHR8:8563927	SSF x Far_LoA	-6,65564253	-0,151	0,294
CHR8	8563937	CHR8:8563937	SSF x Far_LoA	-7,43144872	-0,146	0,307
CHR8	8563946	CHR8:8563946	SSF x Far_LoA	-7,20112154	-0,202	0,294
CHR8	8563949	CHR8:8563949	SSF x Far_LoA	-5,29776426	-0,200	0,290
CHR8	8563973	CHR8:8563973	SSF x Far_LoA	-11,105197	0,042	0,308
CHR8	8571375	CHR8:8571375	SSF x Far_LoA	-9,62574322	-0,139	0,310
CHR8	8571376	CHR8:8571376	SSF x Far_LoA	-10,4597445	-0,106	0,310
CHR8	8571383	CHR8:8571383	SSF x Far_LoA	-7,71743064	-0,096	0,301
CHR8	8571396	CHR8:8571396	SSF x Far_LoA	-7,3973127	0,160	0,295
CHR8	8571418	CHR8:8571418	SSF x Far_LoA	-7,98266196	0,008	0,303
CHR8	8571453	CHR8:8571453	SSF x Far_LoA	-9,29583993	0,053	0,303
CHR8	8571486	CHR8:8571486	SSF x Far_LoA	-7,74185729	0,017	0,311
CHR8	8571532	CHR8:8571532	SSF x Far_LoA	-10,26986	0,038	0,297
CHR8	8571539	CHR8:8571539	SSF x Far_LoA	-8,88345446	-0,011	0,303

CHR8	8571543	CHR8:8571543	SSF x Far_LoA	-9,82270724	0,053	0,298
CHR8	8571576	CHR8:8571576	SSF x Far_LoA	-8,25008023	0,105	0,298
CHR8	8571617	CHR8:8571617	SSF x Far_LoA	-8,9851141	-0,010	0,305
CHR8	8573865	CHR8:8573865	SSF x Far_LoA	-8,98556595	0,006	0,312
CHR8	8573954	CHR8:8573954	SSF x Far_LoA	-11,4498273	0,042	0,303
CHR8	8574044	CHR8:8574044	SSF x Far_LoA	-9,36639502	0,030	0,300
CHR8	8575667	CHR8:8575667	SSF x Far_LoA	-11,8179674	0,020	0,303
CHR8	8575831	CHR8:8575831	SSF x Far_LoA	-9,7697845	0,032	0,302
CHR8	857977	CHR8:857977	SSF x Far_LoA	-0,99678899	0,135	0,310
CHR8	858069	CHR8:858069	SSF x Far_LoA	-9,36757972	-0,012	0,310
CHR8	8581545	CHR8:8581545	SSF x Far_LoA	-11,819604	0,028	0,293
CHR8	8581564	CHR8:8581564	SSF x Far_LoA	-9,23692481	-0,093	0,302
CHR8	8581589	CHR8:8581589	SSF x Far_LoA	4,92290916	-0,089	0,287
CHR8	8581599	CHR8:8581599	SSF x Far_LoA	-8,38787986	-0,004	0,315
CHR8	8581626	CHR8:8581626	SSF x Far_LoA	-11,2735101	-0,058	0,295
CHR8	8587240	CHR8:8587240	SSF x Far_LoA	-3,27759168	-0,096	0,316
CHR8	8587246	CHR8:8587246	SSF x Far_LoA	0,38407041	-0,165	0,301
CHR8	8587261	CHR8:8587261	SSF x Far_LoA	-9,66915812	0,017	0,311
CHR8	8587347	CHR8:8587347	SSF x Far_LoA	-8,31195484	-0,085	0,295
CHR8	8588866	CHR8:8588866	SSF x Far_LoA	-11,0147239	0,005	0,305
CHR8	8588931	CHR8:8588931	SSF x Far_LoA	-8,55938782	-0,094	0,332
CHR8	8589848	CHR8:8589848	SSF x Far_LoA	-10,2389743	-0,055	0,305
CHR8	8589959	CHR8:8589959	SSF x Far_LoA	-8,26022726	-0,048	0,326
CHR8	8594911	CHR8:8594911	SSF x Far_LoA	-10,8397881	-0,056	0,296
CHR8	8594982	CHR8:8594982	SSF x Far_LoA	-8,70534063	-0,061	0,296
CHR8	8595203	CHR8:8595203	SSF x Far_LoA	-10,3289493	-0,076	0,314
CHR8	8595215	CHR8:8595215	SSF x Far_LoA	-8,67882655	0,056	0,310
CHR8	8596651	CHR8:8596651	SSF x Far_LoA	-5,74738599	0,105	0,314
CHR8	859915	CHR8:859915	SSF x Far_LoA	-6,90284727	-0,098	0,310
CHR8	860072	CHR8:860072	SSF x Far_LoA	-8,91646537	-0,041	0,312
CHR8	8606616	CHR8:8606616	SSF x Far_LoA	-11,3262606	0,029	0,308
CHR8	8606674	CHR8:8606674	SSF x Far_LoA	-8,03680778	-0,068	0,308
CHR8	8606678	CHR8:8606678	SSF x Far_LoA	-8,76981355	-0,073	0,306
CHR8	8606733	CHR8:8606733	SSF x Far_LoA	-10,3245684	-0,081	0,304
CHR8	8607872	CHR8:8607872	SSF x Far_LoA	-7,59376447	-0,081	0,302
CHR8	8607938	CHR8:8607938	SSF x Far_LoA	-5,35452023	0,202	0,291
CHR8	8607939	CHR8:8607939	SSF x Far_LoA	-8,15440879	0,138	0,304
CHR8	8607941	CHR8:8607941	SSF x Far_LoA	-11,5993251	0,052	0,309
CHR8	8620846	CHR8:8620846	SSF x Far_LoA	-12,0049563	0,060	0,291
CHR8	8620882	CHR8:8620882	SSF x Far_LoA	-10,8287242	0,096	0,293
CHR8	8626583	CHR8:8626583	SSF x Far_LoA	-8,97450588	0,047	0,298
CHR8	8627067	CHR8:8627067	SSF x Far_LoA	-9,94273655	0,170	0,287
CHR8	8627295	CHR8:8627295	SSF x Far_LoA	-10,8153503	-0,027	0,299
CHR8	8644401	CHR8:8644401	SSF x Far_LoA	-5,63149326	-0,192	0,299
CHR8	8644409	CHR8:8644409	SSF x Far_LoA	-7,01197656	-0,179	0,308
CHR8	8644413	CHR8:8644413	SSF x Far_LoA	-5,34372055	-0,197	0,310
CHR8	8644417	CHR8:8644417	SSF x Far_LoA	-6,48236025	-0,166	0,305
CHR8	8645534	CHR8:8645534	SSF x Far_LoA	-7,93393637	-0,060	0,328
CHR8	8645563	CHR8:8645563	SSF x Far_LoA	-10,5820632	-0,053	0,311
CHR8	8645575	CHR8:8645575	SSF x Far_LoA	-9,65941398	0,016	0,304
CHR8	8645595	CHR8:8645595	SSF x Far_LoA	-9,6759428	-0,049	0,319
CHR8	8646198	CHR8:8646198	SSF x Far_LoA	-8,19830393	-0,035	0,316
CHR8	8646200	CHR8:8646200	SSF x Far_LoA	-9,1804084	-0,095	0,303

CHR8	8646256	CHR8:8646256	SSF x Far_LoA	-10,2368498	0,055	0,313
CHR8	8657899	CHR8:8657899	SSF x Far_LoA	-10,000204	0,057	0,313
CHR8	8657987	CHR8:8657987	SSF x Far_LoA	-6,64674199	0,094	0,298
CHR8	8657988	CHR8:8657988	SSF x Far_LoA	-8,88521334	-0,101	0,317
CHR8	866782	CHR8:866782	SSF x Far_LoA	-9,2399088	-0,064	0,314
CHR8	8680091	CHR8:8680091	SSF x Far_LoA	-8,70979157	0,210	0,289
CHR8	8680131	CHR8:8680131	SSF x Far_LoA	-3,5174383	0,182	0,297
CHR8	8693173	CHR8:8693173	SSF x Far_LoA	-9,87495694	0,014	0,308
CHR8	8694543	CHR8:8694543	SSF x Far_LoA	-10,8340165	0,017	0,305
CHR8	8694546	CHR8:8694546	SSF x Far_LoA	-8,13816264	-0,135	0,312
CHR8	8694575	CHR8:8694575	SSF x Far_LoA	-0,72889747	0,066	0,308
CHR8	8694587	CHR8:8694587	SSF x Far_LoA	-9,50768955	0,103	0,306
CHR8	8694660	CHR8:8694660	SSF x Far_LoA	-9,06431346	-0,020	0,307
CHR8	8694747	CHR8:8694747	SSF x Far_LoA	-8,61757552	-0,015	0,317
CHR8	8695744	CHR8:8695744	SSF x Far_LoA	-8,56065971	0,023	0,312
CHR8	8695754	CHR8:8695754	SSF x Far_LoA	-11,6920544	0,007	0,306
CHR8	870205	CHR8:870205	SSF x Far_LoA	-8,89079045	0,049	0,300
CHR8	870401	CHR8:870401	SSF x Far_LoA	-5,58722836	-0,094	0,302
CHR8	870458	CHR8:870458	SSF x Far_LoA	-11,9217144	0,028	0,305
CHR8	870460	CHR8:870460	SSF x Far_LoA	-8,09889515	-0,015	0,302
CHR8	8719181	CHR8:8719181	SSF x Far_LoA	-9,68784884	0,109	0,306
CHR8	8719271	CHR8:8719271	SSF x Far_LoA	-8,71486217	-0,081	0,320
CHR8	8729464	CHR8:8729464	SSF x Far_LoA	-8,99523653	0,119	0,303
CHR8	8729496	CHR8:8729496	SSF x Far_LoA	-9,51148322	-0,038	0,302
CHR8	8729498	CHR8:8729498	SSF x Far_LoA	-11,0490699	-0,083	0,301
CHR8	8729503	CHR8:8729503	SSF x Far_LoA	-8,05683101	0,036	0,302
CHR8	8729533	CHR8:8729533	SSF x Far_LoA	-8,97002027	0,073	0,321
CHR8	8729541	CHR8:8729541	SSF x Far_LoA	-8,10240818	0,029	0,313
CHR8	873551	CHR8:873551	SSF x Far_LoA	-10,6377047	-0,041	0,296
CHR8	8743417	CHR8:8743417	SSF x Far_LoA	-7,79192333	-0,028	0,307
CHR8	8743579	CHR8:8743579	SSF x Far_LoA	-9,23252947	0,034	0,309
CHR8	8743595	CHR8:8743595	SSF x Far_LoA	-7,85714488	0,227	0,292
CHR8	8743621	CHR8:8743621	SSF x Far_LoA	-7,59166796	0,205	0,285
CHR8	8743632	CHR8:8743632	SSF x Far_LoA	-10,4198081	-0,011	0,311
CHR8	8743658	CHR8:8743658	SSF x Far_LoA	-8,0202544	-0,017	0,308
CHR8	8743663	CHR8:8743663	SSF x Far_LoA	-11,4427238	-0,010	0,304
CHR8	874434	CHR8:874434	SSF x Far_LoA	-8,66416161	-0,057	0,301
CHR8	8757580	CHR8:8757580	SSF x Far_LoA	-10,5722602	-0,026	0,306
CHR8	8757611	CHR8:8757611	SSF x Far_LoA	-8,79008883	0,047	0,312
CHR8	8757626	CHR8:8757626	SSF x Far_LoA	-5,82896121	-0,172	0,306
CHR8	8760704	CHR8:8760704	SSF x Far_LoA	2,20410748	-0,175	0,301
CHR8	8760792	CHR8:8760792	SSF x Far_LoA	-7,82325943	0,089	0,310
CHR8	876154	CHR8:876154	SSF x Far_LoA	-11,2009836	0,088	0,302
CHR8	876285	CHR8:876285	SSF x Far_LoA	-7,91069544	-0,223	0,286
CHR8	876324	CHR8:876324	SSF x Far_LoA	-11,1277537	-0,094	0,299
CHR8	876351	CHR8:876351	SSF x Far_LoA	-8,82914732	-0,011	0,309
CHR8	8764046	CHR8:8764046	SSF x Far_LoA	-8,41060308	-0,112	0,315
CHR8	8764072	CHR8:8764072	SSF x Far_LoA	-8,73024981	-0,028	0,312
CHR8	8764073	CHR8:8764073	SSF x Far_LoA	-8,59104693	0,005	0,312
CHR8	8764096	CHR8:8764096	SSF x Far_LoA	-7,68592253	0,127	0,301
CHR8	8764112	CHR8:8764112	SSF x Far_LoA	-11,4757396	0,002	0,297
CHR8	8764118	CHR8:8764118	SSF x Far_LoA	-10,2050182	0,055	0,292
CHR8	8764160	CHR8:8764160	SSF x Far_LoA	-10,4656939	-0,013	0,301

CHR8	8764164	CHR8:8764164	SSF x Far_LoA	-9,99565833	-0,055	0,310
CHR8	8764291	CHR8:8764291	SSF x Far_LoA	-10,7050598	0,134	0,297
CHR8	8785407	CHR8:8785407	SSF x Far_LoA	-6,76936711	0,147	0,318
CHR8	8805780	CHR8:8805780	SSF x Far_LoA	-8,66246631	-0,059	0,319
CHR8	8805839	CHR8:8805839	SSF x Far_LoA	-9,93351691	0,095	0,288
CHR8	8805841	CHR8:8805841	SSF x Far_LoA	-9,80819188	-0,026	0,309
CHR8	8805845	CHR8:8805845	SSF x Far_LoA	-7,54675963	-0,117	0,293
CHR8	8805898	CHR8:8805898	SSF x Far_LoA	-10,2730059	-0,083	0,310
CHR8	882880	CHR8:882880	SSF x Far_LoA	-6,32572467	-0,126	0,293
CHR8	883120	CHR8:883120	SSF x Far_LoA	-6,85165209	-0,139	0,309
CHR8	8833800	CHR8:8833800	SSF x Far_LoA	-8,63449075	-0,050	0,322
CHR8	8833801	CHR8:8833801	SSF x Far_LoA	-8,82609748	-0,065	0,312
CHR8	8833857	CHR8:8833857	SSF x Far_LoA	-6,98557342	-0,057	0,313
CHR8	8833878	CHR8:8833878	SSF x Far_LoA	-11,5753969	-0,005	0,307
CHR8	8834018	CHR8:8834018	SSF x Far_LoA	-7,86711542	-0,050	0,315
CHR8	8834030	CHR8:8834030	SSF x Far_LoA	-11,5466986	-0,016	0,320
CHR8	8838901	CHR8:8838901	SSF x Far_LoA	-8,71989709	-0,121	0,311
CHR8	8840304	CHR8:8840304	SSF x Far_LoA	-8,29370592	0,107	0,306
CHR8	8840325	CHR8:8840325	SSF x Far_LoA	-11,8412295	-0,015	0,311
CHR8	8840333	CHR8:8840333	SSF x Far_LoA	-12,011248	0,060	0,303
CHR8	8840347	CHR8:8840347	SSF x Far_LoA	-8,81891566	-0,039	0,309
CHR8	8840355	CHR8:8840355	SSF x Far_LoA	-8,92358157	-0,067	0,307
CHR8	8846441	CHR8:8846441	SSF x Far_LoA	-2,47339613	0,058	0,306
CHR8	8846507	CHR8:8846507	SSF x Far_LoA	-9,27276983	0,047	0,311
CHR8	8846508	CHR8:8846508	SSF x Far_LoA	-8,91756966	-0,068	0,303
CHR8	8846538	CHR8:8846538	SSF x Far_LoA	-6,95183655	0,031	0,316
CHR8	8846678	CHR8:8846678	SSF x Far_LoA	-7,27742686	0,112	0,317
CHR8	885096	CHR8:885096	SSF x Far_LoA	-11,1355142	-0,065	0,312
CHR8	885366	CHR8:885366	SSF x Far_LoA	-11,5794948	-0,061	0,298
CHR8	8857154	CHR8:8857154	SSF x Far_LoA	-3,76847555	-0,126	0,299
CHR8	8857183	CHR8:8857183	SSF x Far_LoA	-7,63768645	0,124	0,299
CHR8	8857251	CHR8:8857251	SSF x Far_LoA	-10,4203266	0,021	0,314
CHR8	8857287	CHR8:8857287	SSF x Far_LoA	-7,67050949	0,006	0,300
CHR8	8868463	CHR8:8868463	SSF x Far_LoA	-10,9756487	0,049	0,313
CHR8	8868480	CHR8:8868480	SSF x Far_LoA	-11,0391657	0,024	0,318
CHR8	8879215	CHR8:8879215	SSF x Far_LoA	-6,85086482	0,101	0,304
CHR8	8879279	CHR8:8879279	SSF x Far_LoA	-7,77422743	0,054	0,328
CHR8	8879294	CHR8:8879294	SSF x Far_LoA	-9,22720287	0,048	0,299
CHR8	8879300	CHR8:8879300	SSF x Far_LoA	-10,297601	0,032	0,323
CHR8	8879309	CHR8:8879309	SSF x Far_LoA	-9,17663236	0,047	0,296
CHR8	8879320	CHR8:8879320	SSF x Far_LoA	-9,11327669	-0,060	0,308
CHR8	8879348	CHR8:8879348	SSF x Far_LoA	-8,18205083	0,116	0,303
CHR8	8879378	CHR8:8879378	SSF x Far_LoA	-11,7302686	0,084	0,304
CHR8	8886376	CHR8:8886376	SSF x Far_LoA	-7,94404108	0,042	0,317
CHR8	8886485	CHR8:8886485	SSF x Far_LoA	-8,0789835	0,074	0,303
CHR8	8886491	CHR8:8886491	SSF x Far_LoA	-6,43546449	0,003	0,296
CHR8	8886508	CHR8:8886508	SSF x Far_LoA	-7,66730427	-0,016	0,331
CHR8	8886532	CHR8:8886532	SSF x Far_LoA	-9,10478404	0,047	0,304
CHR8	8886561	CHR8:8886561	SSF x Far_LoA	-8,92515887	-0,021	0,303
CHR8	8889493	CHR8:8889493	SSF x Far_LoA	-10,4356099	-0,070	0,301
CHR8	8889516	CHR8:8889516	SSF x Far_LoA	-8,78338565	-0,110	0,301
CHR8	8889518	CHR8:8889518	SSF x Far_LoA	-8,99443081	0,150	0,297
CHR8	8889527	CHR8:8889527	SSF x Far_LoA	-9,17321612	-0,058	0,308

CHR8	8889535	CHR8:8889535	SSF x Far_LoA	-8,51506268	0,049	0,317
CHR8	8890033	CHR8:8890033	SSF x Far_LoA	-10,3232623	-0,050	0,316
CHR8	8894867	CHR8:8894867	SSF x Far_LoA	-6,58803498	-0,066	0,312
CHR8	8894910	CHR8:8894910	SSF x Far_LoA	-10,5686467	-0,017	0,303
CHR8	8894914	CHR8:8894914	SSF x Far_LoA	-11,1959336	0,033	0,293
CHR8	8894953	CHR8:8894953	SSF x Far_LoA	-10,2810047	0,010	0,304
CHR8	8895008	CHR8:8895008	SSF x Far_LoA	-7,7530989	-0,049	0,309
CHR8	8902761	CHR8:8902761	SSF x Far_LoA	-10,5435358	0,097	0,298
CHR8	8902784	CHR8:8902784	SSF x Far_LoA	-11,2328698	-0,048	0,301
CHR8	8903046	CHR8:8903046	SSF x Far_LoA	-10,1988988	-0,066	0,290
CHR8	8909104	CHR8:8909104	SSF x Far_LoA	-9,6478494	-0,104	0,311
CHR8	8912067	CHR8:8912067	SSF x Far_LoA	-7,13301198	-0,164	0,308
CHR8	8922378	CHR8:8922378	SSF x Far_LoA	-11,0256069	0,030	0,282
CHR8	8925783	CHR8:8925783	SSF x Far_LoA	-9,18294998	0,033	0,303
CHR8	8927499	CHR8:8927499	SSF x Far_LoA	-9,73726859	-0,070	0,314
CHR8	8935174	CHR8:8935174	SSF x Far_LoA	-9,29554707	0,033	0,326
CHR8	8935197	CHR8:8935197	SSF x Far_LoA	-10,8604116	-0,062	0,309
CHR8	8935218	CHR8:8935218	SSF x Far_LoA	-8,5551798	-0,103	0,300
CHR8	8935273	CHR8:8935273	SSF x Far_LoA	-9,22068644	0,045	0,302
CHR8	8935283	CHR8:8935283	SSF x Far_LoA	-9,62012571	0,042	0,303
CHR8	8953801	CHR8:8953801	SSF x Far_LoA	-7,23781669	0,184	0,301
CHR8	8953869	CHR8:8953869	SSF x Far_LoA	-10,1862644	-0,068	0,308
CHR8	8953947	CHR8:8953947	SSF x Far_LoA	-9,63890921	0,047	0,314
CHR8	8953962	CHR8:8953962	SSF x Far_LoA	-9,80844484	0,031	0,309
CHR8	8953989	CHR8:8953989	SSF x Far_LoA	-10,5731499	0,047	0,297
CHR8	8954000	CHR8:8954000	SSF x Far_LoA	-9,34443107	0,002	0,309
CHR8	8955687	CHR8:8955687	SSF x Far_LoA	-10,4360334	-0,075	0,302
CHR8	8955764	CHR8:8955764	SSF x Far_LoA	-9,37494898	-0,043	0,306
CHR8	8955770	CHR8:8955770	SSF x Far_LoA	-9,61939008	-0,036	0,311
CHR8	8955828	CHR8:8955828	SSF x Far_LoA	-9,43714298	0,030	0,308
CHR8	8955880	CHR8:8955880	SSF x Far_LoA	-9,58931134	-0,008	0,308
CHR8	8955883	CHR8:8955883	SSF x Far_LoA	-11,4956213	-0,011	0,307
CHR8	8955893	CHR8:8955893	SSF x Far_LoA	-8,99487261	0,008	0,322
CHR8	8957234	CHR8:8957234	SSF x Far_LoA	-9,84811387	-0,078	0,304
CHR8	8957236	CHR8:8957236	SSF x Far_LoA	-9,05051486	-0,045	0,311
CHR8	8957312	CHR8:8957312	SSF x Far_LoA	-10,3138553	-0,027	0,304
CHR8	8957318	CHR8:8957318	SSF x Far_LoA	-8,35493076	0,047	0,307
CHR8	8957323	CHR8:8957323	SSF x Far_LoA	-9,58975206	0,095	0,292
CHR8	8957334	CHR8:8957334	SSF x Far_LoA	-8,12553796	-0,069	0,297
CHR8	8957344	CHR8:8957344	SSF x Far_LoA	-6,21638986	0,065	0,319
CHR8	8972223	CHR8:8972223	SSF x Far_LoA	-8,25345221	0,113	0,293
CHR8	8972230	CHR8:8972230	SSF x Far_LoA	-8,30488881	0,071	0,324
CHR8	8972250	CHR8:8972250	SSF x Far_LoA	-11,0245383	0,041	0,313
CHR8	8972297	CHR8:8972297	SSF x Far_LoA	-9,4551677	0,019	0,303
CHR8	8972328	CHR8:8972328	SSF x Far_LoA	-9,51802114	0,015	0,307
CHR8	8972344	CHR8:8972344	SSF x Far_LoA	-8,74931284	-0,082	0,306
CHR8	8972392	CHR8:8972392	SSF x Far_LoA	-10,6812735	-0,052	0,301
CHR8	8972442	CHR8:8972442	SSF x Far_LoA	-6,94248119	-0,160	0,292
CHR8	8972456	CHR8:8972456	SSF x Far_LoA	-11,6329327	-0,039	0,299
CHR8	8972468	CHR8:8972468	SSF x Far_LoA	-8,79136794	0,062	0,313
CHR8	8976915	CHR8:8976915	SSF x Far_LoA	-10,0988346	0,081	0,314
CHR8	8976946	CHR8:8976946	SSF x Far_LoA	-9,13806347	0,049	0,305
CHR8	8976961	CHR8:8976961	SSF x Far_LoA	-4,05578917	0,137	0,301

CHR8	8976984	CHR8:8976984	SSF x Far_LoA	-10,7448501	0,019	0,298
CHR8	8976989	CHR8:8976989	SSF x Far_LoA	-7,54897089	-0,068	0,306
CHR8	8977013	CHR8:8977013	SSF x Far_LoA	-7,81248565	-0,190	0,303
CHR8	897709	CHR8:897709	SSF x Far_LoA	-9,78135909	0,123	0,304
CHR8	8977155	CHR8:8977155	SSF x Far_LoA	-11,0288084	-0,021	0,303
CHR8	8982846	CHR8:8982846	SSF x Far_LoA	-8,98325132	0,020	0,300
CHR8	8982915	CHR8:8982915	SSF x Far_LoA	-6,52435896	-0,003	0,302
CHR8	8986837	CHR8:8986837	SSF x Far_LoA	-10,0747916	-0,122	0,298
CHR8	8986910	CHR8:8986910	SSF x Far_LoA	-7,40427359	0,041	0,314
CHR8	8992416	CHR8:8992416	SSF x Far_LoA	-8,67902195	0,044	0,298
CHR8	8992461	CHR8:8992461	SSF x Far_LoA	-10,1912993	-0,049	0,313
CHR8	8992468	CHR8:8992468	SSF x Far_LoA	-10,5301585	0,087	0,289
CHR8	8992490	CHR8:8992490	SSF x Far_LoA	-10,3453015	-0,120	0,292
CHR8	8992534	CHR8:8992534	SSF x Far_LoA	-7,3538554	0,053	0,305
CHR8	8998274	CHR8:8998274	SSF x Far_LoA	-8,60190938	0,036	0,307
CHR8	8998381	CHR8:8998381	SSF x Far_LoA	-9,38930572	0,047	0,297
CHR8	9000371	CHR8:9000371	SSF x Far_LoA	-12,3800949	0,039	0,300
CHR8	9003420	CHR8:9003420	SSF x Far_LoA	-5,82961685	0,090	0,312
CHR8	9003447	CHR8:9003447	SSF x Far_LoA	-6,45410142	0,096	0,308
CHR8	9003472	CHR8:9003472	SSF x Far_LoA	-9,38109735	-0,001	0,304
CHR8	9004468	CHR8:9004468	SSF x Far_LoA	-10,7575799	-0,025	0,304
CHR8	9012907	CHR8:9012907	SSF x Far_LoA	-10,5033744	0,029	0,304
CHR8	9014403	CHR8:9014403	SSF x Far_LoA	-10,3341822	0,021	0,307
CHR8	9014461	CHR8:9014461	SSF x Far_LoA	-9,57131786	-0,071	0,303
CHR8	9014489	CHR8:9014489	SSF x Far_LoA	-11,0205212	-0,037	0,309
CHR8	9029310	CHR8:9029310	SSF x Far_LoA	-10,2058839	-0,047	0,289
CHR8	9031568	CHR8:9031568	SSF x Far_LoA	-7,85026266	0,124	0,314
CHR8	9031593	CHR8:9031593	SSF x Far_LoA	-9,38734071	-0,024	0,305
CHR8	9031627	CHR8:9031627	SSF x Far_LoA	-8,45665194	0,095	0,299
CHR8	9044808	CHR8:9044808	SSF x Far_LoA	-9,08073154	0,027	0,309
CHR8	9061485	CHR8:9061485	SSF x Far_LoA	0,82671028	0,032	0,303
CHR8	9061518	CHR8:9061518	SSF x Far_LoA	-9,20229312	0,055	0,300
CHR8	9061600	CHR8:9061600	SSF x Far_LoA	-9,01329677	-0,090	0,318
CHR8	9062520	CHR8:9062520	SSF x Far_LoA	-8,70084562	0,012	0,321
CHR8	9062579	CHR8:9062579	SSF x Far_LoA	-7,43736339	0,074	0,320
CHR8	9066222	CHR8:9066222	SSF x Far_LoA	-8,29967795	0,044	0,320
CHR8	9066224	CHR8:9066224	SSF x Far_LoA	-9,5541089	-0,006	0,297
CHR8	9066280	CHR8:9066280	SSF x Far_LoA	-9,11192967	-0,015	0,317
CHR8	9066290	CHR8:9066290	SSF x Far_LoA	-7,92807945	-0,076	0,306
CHR8	9066327	CHR8:9066327	SSF x Far_LoA	-10,3401442	0,037	0,316
CHR8	9066415	CHR8:9066415	SSF x Far_LoA	-6,64201937	0,156	0,296
CHR8	9070228	CHR8:9070228	SSF x Far_LoA	-11,3817402	-0,061	0,312
CHR8	9070262	CHR8:9070262	SSF x Far_LoA	-10,5123016	-0,076	0,294
CHR8	9071758	CHR8:9071758	SSF x Far_LoA	-8,66989616	0,088	0,312
CHR8	9071759	CHR8:9071759	SSF x Far_LoA	-2,24147297	0,092	0,294
CHR8	9071865	CHR8:9071865	SSF x Far_LoA	-9,16999427	-0,011	0,307
CHR8	9075696	CHR8:9075696	SSF x Far_LoA	-6,61998397	-0,138	0,300
CHR8	9086810	CHR8:9086810	SSF x Far_LoA	-9,89490094	-0,073	0,309
CHR8	9086846	CHR8:9086846	SSF x Far_LoA	-8,44053986	-0,049	0,294
CHR8	9086992	CHR8:9086992	SSF x Far_LoA	-8,15569544	0,101	0,308
CHR8	9112509	CHR8:9112509	SSF x Far_LoA	-9,00681097	-0,144	0,293
CHR8	9118494	CHR8:9118494	SSF x Far_LoA	-7,34369613	0,163	0,303
CHR8	9118635	CHR8:9118635	SSF x Far_LoA	-9,22345564	0,093	0,298

CHR8	9125859	CHR8:9125859	SSF x Far_LoA	-11,6955094	-0,032	0,315
CHR8	9152571	CHR8:9152571	SSF x Far_LoA	-12,1701757	-0,007	0,306
CHR8	9161850	CHR8:9161850	SSF x Far_LoA	-11,026613	0,039	0,315
CHR8	9161930	CHR8:9161930	SSF x Far_LoA	-7,19471495	0,183	0,294
CHR8	9162145	CHR8:9162145	SSF x Far_LoA	-9,14742864	0,040	0,292
CHR8	9162150	CHR8:9162150	SSF x Far_LoA	-9,88896034	0,028	0,293
CHR8	9162160	CHR8:9162160	SSF x Far_LoA	-9,15462631	0,104	0,300
CHR8	9165219	CHR8:9165219	SSF x Far_LoA	-9,28159176	-0,035	0,287
CHR8	9165229	CHR8:9165229	SSF x Far_LoA	-6,63259681	-0,016	0,303
CHR8	9165232	CHR8:9165232	SSF x Far_LoA	-7,93850179	-0,036	0,291
CHR8	917300	CHR8:917300	SSF x Far_LoA	-11,3583366	0,099	0,296
CHR8	9183842	CHR8:9183842	SSF x Far_LoA	-10,988924	0,113	0,309
CHR8	9183949	CHR8:9183949	SSF x Far_LoA	-9,23879335	-0,071	0,323
CHR8	9184005	CHR8:9184005	SSF x Far_LoA	-9,62174406	0,086	0,296
CHR8	9184048	CHR8:9184048	SSF x Far_LoA	-10,856717	0,029	0,300
CHR8	9184084	CHR8:9184084	SSF x Far_LoA	-9,73725379	-0,139	0,294
CHR8	9184120	CHR8:9184120	SSF x Far_LoA	-6,13724523	-0,074	0,320
CHR8	9187777	CHR8:9187777	SSF x Far_LoA	-9,71336983	0,115	0,302
CHR8	9187849	CHR8:9187849	SSF x Far_LoA	-12,1475525	0,060	0,302
CHR8	9187898	CHR8:9187898	SSF x Far_LoA	-9,11473999	-0,067	0,311
CHR8	9192371	CHR8:9192371	SSF x Far_LoA	-9,68800027	0,078	0,299
CHR8	9192374	CHR8:9192374	SSF x Far_LoA	-10,5521318	-0,001	0,303
CHR8	9192393	CHR8:9192393	SSF x Far_LoA	-9,89746781	-0,063	0,314
CHR8	9192413	CHR8:9192413	SSF x Far_LoA	-9,18163315	-0,037	0,298
CHR8	9194309	CHR8:9194309	SSF x Far_LoA	-11,9936663	0,023	0,314
CHR8	9194344	CHR8:9194344	SSF x Far_LoA	-8,70194904	-0,035	0,310
CHR8	9194541	CHR8:9194541	SSF x Far_LoA	-9,33066652	-0,112	0,306
CHR8	9199175	CHR8:9199175	SSF x Far_LoA	-9,18969911	0,046	0,318
CHR8	9199254	CHR8:9199254	SSF x Far_LoA	-10,3598588	-0,002	0,293
CHR8	9199352	CHR8:9199352	SSF x Far_LoA	-10,7259313	0,145	0,296
CHR8	9199383	CHR8:9199383	SSF x Far_LoA	-11,0551623	0,042	0,308
CHR8	9199431	CHR8:9199431	SSF x Far_LoA	-10,3947903	0,009	0,296
CHR8	920270	CHR8:920270	SSF x Far_LoA	-12,0002434	0,123	0,290
CHR8	9207468	CHR8:9207468	SSF x Far_LoA	-8,99596082	0,199	0,291
CHR8	9207543	CHR8:9207543	SSF x Far_LoA	-8,59014561	-0,038	0,303
CHR8	9208012	CHR8:9208012	SSF x Far_LoA	-6,43440046	0,106	0,299
CHR8	9211698	CHR8:9211698	SSF x Far_LoA	-9,00360135	0,023	0,306
CHR8	9211764	CHR8:9211764	SSF x Far_LoA	-6,1119036	-0,033	0,312
CHR8	9221242	CHR8:9221242	SSF x Far_LoA	-11,3962827	0,041	0,301
CHR8	9221325	CHR8:9221325	SSF x Far_LoA	-8,26631635	0,072	0,309
CHR8	9221360	CHR8:9221360	SSF x Far_LoA	-9,42331036	-0,079	0,315
CHR8	9221431	CHR8:9221431	SSF x Far_LoA	-10,0948038	0,095	0,303
CHR8	9227319	CHR8:9227319	SSF x Far_LoA	-7,880615	0,160	0,306
CHR8	9227521	CHR8:9227521	SSF x Far_LoA	-7,8772362	0,087	0,296
CHR8	9237488	CHR8:9237488	SSF x Far_LoA	-11,6333772	0,001	0,300
CHR8	9237505	CHR8:9237505	SSF x Far_LoA	-10,0029946	-0,111	0,308
CHR8	9237803	CHR8:9237803	SSF x Far_LoA	-9,44596172	-0,022	0,313
CHR8	9237804	CHR8:9237804	SSF x Far_LoA	-7,33995549	-0,090	0,315
CHR8	9237841	CHR8:9237841	SSF x Far_LoA	-7,96141964	0,050	0,299
CHR8	9237847	CHR8:9237847	SSF x Far_LoA	-1,41753866	-0,050	0,307
CHR8	9237906	CHR8:9237906	SSF x Far_LoA	-9,5636776	0,093	0,297
CHR8	924398	CHR8:924398	SSF x Far_LoA	-11,2112428	-0,028	0,310
CHR8	924644	CHR8:924644	SSF x Far_LoA	-10,049515	-0,076	0,295

CHR8	9255305	CHR8:9255305	SSF x Far_LoA	-10,2937321	-0,099	0,293
CHR8	9255352	CHR8:9255352	SSF x Far_LoA	-9,67238264	-0,035	0,301
CHR8	9255400	CHR8:9255400	SSF x Far_LoA	-10,2567323	-0,019	0,308
CHR8	9255410	CHR8:9255410	SSF x Far_LoA	-10,5959966	-0,007	0,314
CHR8	9255415	CHR8:9255415	SSF x Far_LoA	-10,1544948	-0,010	0,300
CHR8	9255436	CHR8:9255436	SSF x Far_LoA	-8,1267488	-0,009	0,311
CHR8	9255441	CHR8:9255441	SSF x Far_LoA	-10,6697153	-0,001	0,315
CHR8	9265821	CHR8:9265821	SSF x Far_LoA	-9,70159213	0,038	0,312
CHR8	9265866	CHR8:9265866	SSF x Far_LoA	-9,79881305	-0,100	0,317
CHR8	9266005	CHR8:9266005	SSF x Far_LoA	-8,93802991	-0,037	0,306
CHR8	9266006	CHR8:9266006	SSF x Far_LoA	-8,75943563	-0,039	0,310
CHR8	9266037	CHR8:9266037	SSF x Far_LoA	-10,5275773	0,061	0,303
CHR8	9266062	CHR8:9266062	SSF x Far_LoA	-11,2519493	-0,005	0,305
CHR8	9266125	CHR8:9266125	SSF x Far_LoA	-11,5501772	-0,024	0,301
CHR8	9274203	CHR8:9274203	SSF x Far_LoA	-9,22805287	0,061	0,309
CHR8	9274275	CHR8:9274275	SSF x Far_LoA	-8,79779161	0,074	0,305
CHR8	9278163	CHR8:9278163	SSF x Far_LoA	-4,40978243	-0,042	0,300
CHR8	9278172	CHR8:9278172	SSF x Far_LoA	-11,7657377	0,050	0,292
CHR8	9278177	CHR8:9278177	SSF x Far_LoA	-12,0104509	0,045	0,295
CHR8	9278196	CHR8:9278196	SSF x Far_LoA	-9,36154221	-0,040	0,306
CHR8	9278200	CHR8:9278200	SSF x Far_LoA	-3,73278971	-0,030	0,304
CHR8	9280351	CHR8:9280351	SSF x Far_LoA	-6,99122123	0,122	0,316
CHR8	9280380	CHR8:9280380	SSF x Far_LoA	-10,3776461	-0,077	0,300
CHR8	9280450	CHR8:9280450	SSF x Far_LoA	-8,7856053	-0,074	0,305
CHR8	9282160	CHR8:9282160	SSF x Far_LoA	-9,56504521	0,137	0,296
CHR8	9282167	CHR8:9282167	SSF x Far_LoA	-6,71757363	0,098	0,313
CHR8	9282177	CHR8:9282177	SSF x Far_LoA	-8,36201701	0,115	0,300
CHR8	9288765	CHR8:9288765	SSF x Far_LoA	-10,2143471	0,060	0,309
CHR8	9288799	CHR8:9288799	SSF x Far_LoA	-8,76175292	-0,080	0,302
CHR8	9288828	CHR8:9288828	SSF x Far_LoA	-10,4861965	-0,004	0,300
CHR8	9288838	CHR8:9288838	SSF x Far_LoA	-10,4544316	-0,016	0,301
CHR8	9288857	CHR8:9288857	SSF x Far_LoA	-9,08291124	-0,064	0,311
CHR8	9299721	CHR8:9299721	SSF x Far_LoA	-6,86364437	0,050	0,315
CHR8	9299736	CHR8:9299736	SSF x Far_LoA	-8,34496063	0,057	0,310
CHR8	9299737	CHR8:9299737	SSF x Far_LoA	-8,11457691	0,079	0,311
CHR8	9299743	CHR8:9299743	SSF x Far_LoA	-10,7345677	0,072	0,304
CHR8	9299752	CHR8:9299752	SSF x Far_LoA	-10,5915545	0,089	0,292
CHR8	9299756	CHR8:9299756	SSF x Far_LoA	-7,79114599	0,068	0,306
CHR8	9299789	CHR8:9299789	SSF x Far_LoA	-12,0541003	0,022	0,300
CHR8	9299835	CHR8:9299835	SSF x Far_LoA	-8,92720661	0,040	0,310
CHR8	931852	CHR8:931852	SSF x Far_LoA	-10,2516062	0,049	0,308
CHR8	931900	CHR8:931900	SSF x Far_LoA	-9,39166459	-0,093	0,299
CHR8	932000	CHR8:932000	SSF x Far_LoA	-5,94272731	0,203	0,304
CHR8	9320408	CHR8:9320408	SSF x Far_LoA	-9,05179958	0,080	0,296
CHR8	9327720	CHR8:9327720	SSF x Far_LoA	-10,2693574	-0,005	0,309
CHR8	9327753	CHR8:9327753	SSF x Far_LoA	-9,66562307	-0,030	0,291
CHR8	9327872	CHR8:9327872	SSF x Far_LoA	-11,7707004	-0,050	0,318
CHR8	9330758	CHR8:9330758	SSF x Far_LoA	-10,0147317	0,078	0,299
CHR8	9330762	CHR8:9330762	SSF x Far_LoA	-9,49609963	0,085	0,304
CHR8	9330826	CHR8:9330826	SSF x Far_LoA	-6,60825846	-0,145	0,289
CHR8	9330877	CHR8:9330877	SSF x Far_LoA	-10,4795921	-0,099	0,302
CHR8	9331580	CHR8:9331580	SSF x Far_LoA	-11,1262423	-0,030	0,307
CHR8	9331605	CHR8:9331605	SSF x Far_LoA	-8,87039002	0,033	0,295

CHR8	9331606	CHR8:9331606	SSF x Far_LoA	-9,21157647	0,013	0,318
CHR8	9334925	CHR8:9334925	SSF x Far_LoA	-9,93900955	-0,163	0,304
CHR8	9334964	CHR8:9334964	SSF x Far_LoA	-7,93645194	-0,149	0,301
CHR8	9334987	CHR8:9334987	SSF x Far_LoA	-8,54537984	-0,080	0,310
CHR8	9335081	CHR8:9335081	SSF x Far_LoA	-7,33748979	0,077	0,308
CHR8	9340341	CHR8:9340341	SSF x Far_LoA	-9,27124092	-0,014	0,309
CHR8	9340368	CHR8:9340368	SSF x Far_LoA	-10,8051237	0,023	0,309
CHR8	9340469	CHR8:9340469	SSF x Far_LoA	-9,44581945	-0,036	0,291
CHR8	9340500	CHR8:9340500	SSF x Far_LoA	-7,6314872	0,107	0,311
CHR8	9340530	CHR8:9340530	SSF x Far_LoA	-8,36662121	0,009	0,310
CHR8	9341961	CHR8:9341961	SSF x Far_LoA	-11,6232904	0,052	0,303
CHR8	9347254	CHR8:9347254	SSF x Far_LoA	-11,0318861	0,009	0,312
CHR8	9347395	CHR8:9347395	SSF x Far_LoA	-10,6525119	-0,035	0,296
CHR8	9357083	CHR8:9357083	SSF x Far_LoA	-9,58713275	0,062	0,305
CHR8	9364813	CHR8:9364813	SSF x Far_LoA	-10,1175275	-0,001	0,307
CHR8	9364858	CHR8:9364858	SSF x Far_LoA	-7,47510615	-0,151	0,305
CHR8	9364864	CHR8:9364864	SSF x Far_LoA	-10,3836681	-0,029	0,296
CHR8	9364865	CHR8:9364865	SSF x Far_LoA	-10,4081229	-0,025	0,303
CHR8	9370959	CHR8:9370959	SSF x Far_LoA	-12,1204449	-0,052	0,298
CHR8	9389524	CHR8:9389524	SSF x Far_LoA	-9,37953793	-0,150	0,314
CHR8	9389535	CHR8:9389535	SSF x Far_LoA	-5,35115035	-0,145	0,313
CHR8	9389641	CHR8:9389641	SSF x Far_LoA	-11,188938	0,078	0,297
CHR8	9389646	CHR8:9389646	SSF x Far_LoA	-7,80926799	0,102	0,293
CHR8	9389650	CHR8:9389650	SSF x Far_LoA	-8,54459789	-0,055	0,299
CHR8	9389671	CHR8:9389671	SSF x Far_LoA	-8,23256707	0,029	0,307
CHR8	9402558	CHR8:9402558	SSF x Far_LoA	-10,1164154	-0,119	0,297
CHR8	9402583	CHR8:9402583	SSF x Far_LoA	-10,7092965	0,087	0,308
CHR8	9402617	CHR8:9402617	SSF x Far_LoA	-3,14485751	0,174	0,303
CHR8	9402621	CHR8:9402621	SSF x Far_LoA	-7,3685968	-0,129	0,310
CHR8	9402627	CHR8:9402627	SSF x Far_LoA	-7,9752615	-0,110	0,299
CHR8	9405713	CHR8:9405713	SSF x Far_LoA	-9,56260825	0,007	0,303
CHR8	9408247	CHR8:9408247	SSF x Far_LoA	-8,22214458	0,036	0,292
CHR8	9408310	CHR8:9408310	SSF x Far_LoA	-8,06475619	-0,006	0,298
CHR8	9408329	CHR8:9408329	SSF x Far_LoA	-8,7835372	-0,022	0,301
CHR8	9408336	CHR8:9408336	SSF x Far_LoA	-10,6385096	-0,109	0,305
CHR8	9408347	CHR8:9408347	SSF x Far_LoA	-8,8211306	0,033	0,305
CHR8	9413380	CHR8:9413380	SSF x Far_LoA	-9,05565611	-0,067	0,302
CHR8	9413427	CHR8:9413427	SSF x Far_LoA	-8,18774155	-0,085	0,311
CHR8	9413513	CHR8:9413513	SSF x Far_LoA	-10,8658758	-0,024	0,308
CHR8	9420003	CHR8:9420003	SSF x Far_LoA	-11,1533079	0,011	0,303
CHR8	9420042	CHR8:9420042	SSF x Far_LoA	-9,68097619	-0,079	0,306
CHR8	9420045	CHR8:9420045	SSF x Far_LoA	-9,10841062	-0,164	0,300
CHR8	9420138	CHR8:9420138	SSF x Far_LoA	-9,01820348	0,040	0,307
CHR8	9420144	CHR8:9420144	SSF x Far_LoA	-9,48891754	0,084	0,291
CHR8	9420149	CHR8:9420149	SSF x Far_LoA	-9,86600351	0,059	0,306
CHR8	9420199	CHR8:9420199	SSF x Far_LoA	-9,05078021	-0,166	0,308
CHR8	9420205	CHR8:9420205	SSF x Far_LoA	-11,809034	0,006	0,291
CHR8	9420207	CHR8:9420207	SSF x Far_LoA	-9,61053477	0,067	0,296
CHR8	9420270	CHR8:9420270	SSF x Far_LoA	-8,23430301	-0,103	0,297
CHR8	9420273	CHR8:9420273	SSF x Far_LoA	-11,5941884	-0,049	0,311
CHR8	9420281	CHR8:9420281	SSF x Far_LoA	-10,3441368	-0,021	0,295
CHR8	9423236	CHR8:9423236	SSF x Far_LoA	-11,3368636	0,028	0,305
CHR8	9423237	CHR8:9423237	SSF x Far_LoA	-10,9444134	-0,013	0,298

CHR8	9423243	CHR8:9423243	SSF x Far_LoA	-9,87187782	0,074	0,294
CHR8	9423378	CHR8:9423378	SSF x Far_LoA	-9,08706601	-0,084	0,306
CHR8	9423392	CHR8:9423392	SSF x Far_LoA	-6,87332729	-0,107	0,302
CHR8	9430827	CHR8:9430827	SSF x Far_LoA	-8,02135407	-0,086	0,308
CHR8	9430828	CHR8:9430828	SSF x Far_LoA	-5,40057748	-0,149	0,286
CHR8	9430885	CHR8:9430885	SSF x Far_LoA	-9,33632348	0,023	0,307
CHR8	9430940	CHR8:9430940	SSF x Far_LoA	-9,6665514	0,049	0,295
CHR8	9430968	CHR8:9430968	SSF x Far_LoA	-2,85850768	0,081	0,308
CHR8	9431016	CHR8:9431016	SSF x Far_LoA	-11,3429413	0,041	0,305
CHR8	9431023	CHR8:9431023	SSF x Far_LoA	-7,85756708	-0,024	0,311
CHR8	9433207	CHR8:9433207	SSF x Far_LoA	-7,0429207	0,141	0,309
CHR8	9433524	CHR8:9433524	SSF x Far_LoA	-11,5951539	0,031	0,304
CHR8	943825	CHR8:943825	SSF x Far_LoA	-11,1367894	0,039	0,310
CHR8	943833	CHR8:943833	SSF x Far_LoA	-9,941296	0,076	0,302
CHR8	943835	CHR8:943835	SSF x Far_LoA	-10,9906871	-0,073	0,316
CHR8	943935	CHR8:943935	SSF x Far_LoA	-11,1101886	-0,017	0,313
CHR8	9439628	CHR8:9439628	SSF x Far_LoA	-9,97456246	-0,015	0,313
CHR8	9439635	CHR8:9439635	SSF x Far_LoA	-9,49324768	-0,032	0,308
CHR8	944003	CHR8:944003	SSF x Far_LoA	-8,72117035	-0,008	0,317
CHR8	944069	CHR8:944069	SSF x Far_LoA	-10,3746976	-0,095	0,302
CHR8	9449773	CHR8:9449773	SSF x Far_LoA	-11,9628469	0,017	0,308
CHR8	9449779	CHR8:9449779	SSF x Far_LoA	-10,0715126	-0,046	0,318
CHR8	9454402	CHR8:9454402	SSF x Far_LoA	-8,97913215	0,054	0,308
CHR8	9454404	CHR8:9454404	SSF x Far_LoA	-9,67276313	0,009	0,316
CHR8	9454418	CHR8:9454418	SSF x Far_LoA	-10,169204	-0,055	0,305
CHR8	9454435	CHR8:9454435	SSF x Far_LoA	-9,48748628	-0,009	0,296
CHR8	9454461	CHR8:9454461	SSF x Far_LoA	-11,7280149	0,005	0,306
CHR8	9454548	CHR8:9454548	SSF x Far_LoA	-9,78732036	-0,104	0,293
CHR8	9466637	CHR8:9466637	SSF x Far_LoA	-10,2892852	0,010	0,307
CHR8	9466690	CHR8:9466690	SSF x Far_LoA	-9,39402346	-0,073	0,325
CHR8	9466737	CHR8:9466737	SSF x Far_LoA	-8,97272071	-0,082	0,303
CHR8	9477048	CHR8:9477048	SSF x Far_LoA	-8,41141324	0,003	0,306
CHR8	9477051	CHR8:9477051	SSF x Far_LoA	-9,05945196	0,012	0,310
CHR8	9477982	CHR8:9477982	SSF x Far_LoA	-10,9014597	-0,009	0,309
CHR8	9483245	CHR8:9483245	SSF x Far_LoA	-8,66622129	-0,008	0,313
CHR8	9485638	CHR8:9485638	SSF x Far_LoA	-8,38306061	-0,075	0,306
CHR8	9485641	CHR8:9485641	SSF x Far_LoA	-9,56485875	-0,060	0,306
CHR8	9485642	CHR8:9485642	SSF x Far_LoA	-10,3167536	-0,026	0,305
CHR8	948995	CHR8:948995	SSF x Far_LoA	-11,7810165	-0,065	0,297
CHR8	948996	CHR8:948996	SSF x Far_LoA	-9,89221891	-0,066	0,305
CHR8	9495250	CHR8:9495250	SSF x Far_LoA	-10,4256906	-0,033	0,312
CHR8	9495257	CHR8:9495257	SSF x Far_LoA	-8,79156282	-0,058	0,297
CHR8	9495575	CHR8:9495575	SSF x Far_LoA	-7,1956136	0,089	0,305
CHR8	9495579	CHR8:9495579	SSF x Far_LoA	-10,1183082	0,012	0,308
CHR8	9495650	CHR8:9495650	SSF x Far_LoA	-7,45113554	0,123	0,302
CHR8	9495664	CHR8:9495664	SSF x Far_LoA	-5,91450374	-0,128	0,311
CHR8	9501062	CHR8:9501062	SSF x Far_LoA	-10,268922	0,067	0,312
CHR8	9501111	CHR8:9501111	SSF x Far_LoA	-9,52158529	0,059	0,309
CHR8	9501320	CHR8:9501320	SSF x Far_LoA	-5,2613456	0,057	0,293
CHR8	9501330	CHR8:9501330	SSF x Far_LoA	-10,8100096	0,097	0,312
CHR8	9512317	CHR8:9512317	SSF x Far_LoA	-7,51574972	-0,081	0,312
CHR8	9512345	CHR8:9512345	SSF x Far_LoA	-8,97414267	-0,108	0,304
CHR8	9512375	CHR8:9512375	SSF x Far_LoA	-8,24575288	0,118	0,289

CHR8	9529893	CHR8:9529893	SSF x Far_LoA	-11,9006163	-0,050	0,308
CHR8	9535746	CHR8:9535746	SSF x Far_LoA	-11,574769	-0,017	0,288
CHR8	9535813	CHR8:9535813	SSF x Far_LoA	-10,3471191	0,020	0,306
CHR8	9551176	CHR8:9551176	SSF x Far_LoA	-10,5700558	0,083	0,303
CHR8	9551213	CHR8:9551213	SSF x Far_LoA	-9,85772134	0,053	0,315
CHR8	9551277	CHR8:9551277	SSF x Far_LoA	-10,5726457	-0,065	0,296
CHR8	9551293	CHR8:9551293	SSF x Far_LoA	-8,39606107	0,136	0,302
CHR8	9551440	CHR8:9551440	SSF x Far_LoA	-11,0766544	0,105	0,294
CHR8	9553614	CHR8:9553614	SSF x Far_LoA	-10,4738385	-0,034	0,309
CHR8	9553696	CHR8:9553696	SSF x Far_LoA	-7,37457312	-0,031	0,314
CHR8	9553805	CHR8:9553805	SSF x Far_LoA	-11,3108402	-0,036	0,312
CHR8	9564473	CHR8:9564473	SSF x Far_LoA	-10,3507396	-0,025	0,308
CHR8	9564484	CHR8:9564484	SSF x Far_LoA	-8,91597855	0,035	0,305
CHR8	9564517	CHR8:9564517	SSF x Far_LoA	-11,7739658	-0,082	0,302
CHR8	9564557	CHR8:9564557	SSF x Far_LoA	-6,90980085	-0,078	0,294
CHR8	9564601	CHR8:9564601	SSF x Far_LoA	-8,78874192	-0,007	0,313
CHR8	9564609	CHR8:9564609	SSF x Far_LoA	-8,68690415	-0,102	0,321
CHR8	9564662	CHR8:9564662	SSF x Far_LoA	-10,923082	-0,134	0,309
CHR8	9572582	CHR8:9572582	SSF x Far_LoA	-9,18327636	0,003	0,309
CHR8	9572617	CHR8:9572617	SSF x Far_LoA	-7,3886194	0,022	0,320
CHR8	9572710	CHR8:9572710	SSF x Far_LoA	-8,73078422	-0,041	0,310
CHR8	9576389	CHR8:9576389	SSF x Far_LoA	-10,3576597	0,027	0,298
CHR8	9594415	CHR8:9594415	SSF x Far_LoA	-7,62567281	0,051	0,315
CHR8	9629701	CHR8:9629701	SSF x Far_LoA	-8,49640902	0,040	0,299
CHR8	9631149	CHR8:9631149	SSF x Far_LoA	-11,5527073	-0,023	0,299
CHR8	9633447	CHR8:9633447	SSF x Far_LoA	-0,32415893	0,053	0,309
CHR8	9633485	CHR8:9633485	SSF x Far_LoA	-11,5532489	0,026	0,309
CHR8	9634142	CHR8:9634142	SSF x Far_LoA	-11,5270535	-0,090	0,304
CHR8	9634152	CHR8:9634152	SSF x Far_LoA	-9,67153574	-0,029	0,292
CHR8	964013	CHR8:964013	SSF x Far_LoA	-9,79527907	0,034	0,308
CHR8	964091	CHR8:964091	SSF x Far_LoA	-10,504517	0,021	0,308
CHR8	9646213	CHR8:9646213	SSF x Far_LoA	-9,66232597	0,047	0,314
CHR8	9646222	CHR8:9646222	SSF x Far_LoA	-8,12732964	0,072	0,314
CHR8	9646223	CHR8:9646223	SSF x Far_LoA	-8,59345062	-0,128	0,307
CHR8	9647580	CHR8:9647580	SSF x Far_LoA	-6,98472059	-0,008	0,311
CHR8	9647604	CHR8:9647604	SSF x Far_LoA	-9,987073	-0,046	0,294
CHR8	9647628	CHR8:9647628	SSF x Far_LoA	-10,5895446	0,070	0,281
CHR8	9647653	CHR8:9647653	SSF x Far_LoA	-8,96256527	-0,117	0,315
CHR8	9655143	CHR8:9655143	SSF x Far_LoA	-6,86672962	-0,071	0,312
CHR8	9655146	CHR8:9655146	SSF x Far_LoA	-8,18502687	-0,075	0,309
CHR8	9655204	CHR8:9655204	SSF x Far_LoA	-9,64877738	0,136	0,296
CHR8	9655288	CHR8:9655288	SSF x Far_LoA	-10,0071583	-0,058	0,300
CHR8	9655376	CHR8:9655376	SSF x Far_LoA	-11,5193857	-0,091	0,311
CHR8	9658332	CHR8:9658332	SSF x Far_LoA	-8,01199233	0,145	0,297
CHR8	965940	CHR8:965940	SSF x Far_LoA	-8,33746627	0,133	0,315
CHR8	9665083	CHR8:9665083	SSF x Far_LoA	-10,3139493	-0,054	0,297
CHR8	9665155	CHR8:9665155	SSF x Far_LoA	-10,4839605	0,053	0,306
CHR8	9665279	CHR8:9665279	SSF x Far_LoA	-9,04196771	-0,040	0,310
CHR8	9670426	CHR8:9670426	SSF x Far_LoA	-9,99226327	-0,011	0,311
CHR8	9670462	CHR8:9670462	SSF x Far_LoA	-8,92369851	-0,016	0,315
CHR8	9670510	CHR8:9670510	SSF x Far_LoA	-9,115762	-0,071	0,306
CHR8	9670554	CHR8:9670554	SSF x Far_LoA	-7,82735698	0,071	0,311
CHR8	9680914	CHR8:9680914	SSF x Far_LoA	-9,99264252	0,067	0,322

CHR8	9680919	CHR8:9680919	SSF x Far_LoA	-11,2167218	0,067	0,312
CHR8	968483	CHR8:968483	SSF x Far_LoA	-11,7287831	0,068	0,317
CHR8	968507	CHR8:968507	SSF x Far_LoA	-9,78381107	0,142	0,304
CHR8	9695809	CHR8:9695809	SSF x Far_LoA	-11,1684235	-0,041	0,307
CHR8	9695819	CHR8:9695819	SSF x Far_LoA	-6,04546844	-0,038	0,314
CHR8	9695838	CHR8:9695838	SSF x Far_LoA	-10,3014931	-0,045	0,317
CHR8	9695893	CHR8:9695893	SSF x Far_LoA	-10,4372595	0,024	0,314
CHR8	9699330	CHR8:9699330	SSF x Far_LoA	-11,4595045	0,080	0,299
CHR8	9699389	CHR8:9699389	SSF x Far_LoA	-9,19992456	0,047	0,304
CHR8	9699444	CHR8:9699444	SSF x Far_LoA	-9,38405217	0,027	0,307
CHR8	9699525	CHR8:9699525	SSF x Far_LoA	-10,9966707	-0,013	0,308
CHR8	9713437	CHR8:9713437	SSF x Far_LoA	-8,79590972	-0,083	0,297
CHR8	9715618	CHR8:9715618	SSF x Far_LoA	-4,52144898	-0,242	0,289
CHR8	9719846	CHR8:9719846	SSF x Far_LoA	-9,75461393	0,046	0,309
CHR8	9719906	CHR8:9719906	SSF x Far_LoA	-11,8340476	0,014	0,307
CHR8	9719954	CHR8:9719954	SSF x Far_LoA	-8,06841451	0,109	0,313
CHR8	9719978	CHR8:9719978	SSF x Far_LoA	-7,52001658	0,027	0,303
CHR8	972165	CHR8:972165	SSF x Far_LoA	-8,77265717	-0,114	0,313
CHR8	9730996	CHR8:9730996	SSF x Far_LoA	-6,10989036	-0,035	0,309
CHR8	9731303	CHR8:9731303	SSF x Far_LoA	-6,73894872	-0,178	0,296
CHR8	9734617	CHR8:9734617	SSF x Far_LoA	-7,18388417	-0,080	0,318
CHR8	9739770	CHR8:9739770	SSF x Far_LoA	-10,0987527	-0,004	0,320
CHR8	9742219	CHR8:9742219	SSF x Far_LoA	-9,46060374	-0,159	0,299
CHR8	9780387	CHR8:9780387	SSF x Far_LoA	-11,9347217	-0,042	0,301
CHR8	9780503	CHR8:9780503	SSF x Far_LoA	-4,68148689	-0,015	0,317
CHR8	9780527	CHR8:9780527	SSF x Far_LoA	-7,79260618	0,083	0,312
CHR8	9786579	CHR8:9786579	SSF x Far_LoA	-11,9245734	0,051	0,305
CHR8	9786635	CHR8:9786635	SSF x Far_LoA	-11,5644949	0,065	0,307
CHR8	9786726	CHR8:9786726	SSF x Far_LoA	-11,1293483	-0,001	0,304
CHR8	9792484	CHR8:9792484	SSF x Far_LoA	-8,91756201	-0,005	0,325
CHR8	9792526	CHR8:9792526	SSF x Far_LoA	-11,2824347	0,129	0,302
CHR8	9792711	CHR8:9792711	SSF x Far_LoA	-10,7750671	-0,023	0,302
CHR8	9796019	CHR8:9796019	SSF x Far_LoA	-5,88647922	0,023	0,312
CHR8	9796129	CHR8:9796129	SSF x Far_LoA	-9,42616761	0,005	0,305
CHR8	9796137	CHR8:9796137	SSF x Far_LoA	-8,94833766	0,071	0,305
CHR8	9796167	CHR8:9796167	SSF x Far_LoA	-10,8384588	0,000	0,313
CHR8	9796215	CHR8:9796215	SSF x Far_LoA	-11,3417263	-0,052	0,302
CHR8	9798537	CHR8:9798537	SSF x Far_LoA	-7,98389184	-0,021	0,292
CHR8	9798594	CHR8:9798594	SSF x Far_LoA	-6,52541111	0,029	0,309
CHR8	9798679	CHR8:9798679	SSF x Far_LoA	-9,13094272	0,006	0,305
CHR8	981167	CHR8:981167	SSF x Far_LoA	-8,84440012	-0,046	0,302
CHR8	981326	CHR8:981326	SSF x Far_LoA	-8,13744139	0,055	0,309
CHR8	9821670	CHR8:9821670	SSF x Far_LoA	-7,9494615	0,050	0,304
CHR8	9821722	CHR8:9821722	SSF x Far_LoA	-9,15559288	0,001	0,295
CHR8	9821743	CHR8:9821743	SSF x Far_LoA	-9,49222687	0,045	0,304
CHR8	9821765	CHR8:9821765	SSF x Far_LoA	-0,19633487	0,033	0,310
CHR8	9824381	CHR8:9824381	SSF x Far_LoA	-9,69174354	0,036	0,299
CHR8	9824382	CHR8:9824382	SSF x Far_LoA	-8,74398449	0,003	0,309
CHR8	9824439	CHR8:9824439	SSF x Far_LoA	-11,514752	0,083	0,305
CHR8	9824446	CHR8:9824446	SSF x Far_LoA	-10,6746022	0,083	0,293
CHR8	9824609	CHR8:9824609	SSF x Far_LoA	-11,0355787	0,022	0,305
CHR8	983148	CHR8:983148	SSF x Far_LoA	-10,9464949	-0,015	0,322
CHR8	9835949	CHR8:9835949	SSF x Far_LoA	-8,99589464	0,104	0,306

CHR8	9835959	CHR8:9835959	SSF x Far_LoA	-10,2066802	0,038	0,317
CHR8	9835969	CHR8:9835969	SSF x Far_LoA	-9,44761588	0,090	0,303
CHR8	9835975	CHR8:9835975	SSF x Far_LoA	-10,6266041	-0,009	0,302
CHR8	9835980	CHR8:9835980	SSF x Far_LoA	-5,9013698	0,082	0,315
CHR8	9835992	CHR8:9835992	SSF x Far_LoA	-9,57065629	0,075	0,304
CHR8	9836013	CHR8:9836013	SSF x Far_LoA	-8,28548748	-0,088	0,298
CHR8	9836072	CHR8:9836072	SSF x Far_LoA	-9,53836744	-0,071	0,301
CHR8	9836131	CHR8:9836131	SSF x Far_LoA	-10,9646311	-0,051	0,317
CHR8	9836134	CHR8:9836134	SSF x Far_LoA	-9,68444752	-0,059	0,321
CHR8	9836135	CHR8:9836135	SSF x Far_LoA	-10,9162928	-0,034	0,318
CHR8	9836139	CHR8:9836139	SSF x Far_LoA	-11,4738491	-0,009	0,309
CHR8	9836198	CHR8:9836198	SSF x Far_LoA	-10,8265839	-0,013	0,309
CHR8	9845361	CHR8:9845361	SSF x Far_LoA	-9,58447637	0,029	0,309
CHR8	9845399	CHR8:9845399	SSF x Far_LoA	-9,92232476	0,045	0,307
CHR8	9845445	CHR8:9845445	SSF x Far_LoA	-10,4046388	0,005	0,311
CHR8	9847511	CHR8:9847511	SSF x Far_LoA	-6,79319441	-0,001	0,318
CHR8	9847519	CHR8:9847519	SSF x Far_LoA	-9,49478865	0,048	0,307
CHR8	9850054	CHR8:9850054	SSF x Far_LoA	-11,147541	-0,034	0,312
CHR8	9850208	CHR8:9850208	SSF x Far_LoA	-10,6899993	-0,035	0,314
CHR8	9850213	CHR8:9850213	SSF x Far_LoA	-10,1267047	-0,080	0,321
CHR8	9850235	CHR8:9850235	SSF x Far_LoA	-9,25141393	0,069	0,304
CHR8	9850240	CHR8:9850240	SSF x Far_LoA	-9,62556372	0,083	0,315
CHR8	9850249	CHR8:9850249	SSF x Far_LoA	-8,29057248	0,165	0,302
CHR8	9855321	CHR8:9855321	SSF x Far_LoA	-9,07675811	-0,019	0,290
CHR8	9855351	CHR8:9855351	SSF x Far_LoA	-9,47652858	0,005	0,290
CHR8	9855353	CHR8:9855353	SSF x Far_LoA	-10,547558	0,008	0,287
CHR8	9855357	CHR8:9855357	SSF x Far_LoA	-10,753339	-0,020	0,289
CHR8	9855358	CHR8:9855358	SSF x Far_LoA	-10,6405047	0,023	0,295
CHR8	9855361	CHR8:9855361	SSF x Far_LoA	-9,67391571	0,008	0,293
CHR8	9855365	CHR8:9855365	SSF x Far_LoA	-11,0828586	-0,012	0,303
CHR8	9855370	CHR8:9855370	SSF x Far_LoA	-9,7604682	-0,024	0,316
CHR8	9855371	CHR8:9855371	SSF x Far_LoA	-10,3097967	-0,038	0,285
CHR8	9855379	CHR8:9855379	SSF x Far_LoA	-12,7049981	-0,025	0,293
CHR8	9855391	CHR8:9855391	SSF x Far_LoA	0,48222128	-0,034	0,305
CHR8	9855474	CHR8:9855474	SSF x Far_LoA	-9,90772385	-0,058	0,309
CHR8	9855499	CHR8:9855499	SSF x Far_LoA	-10,6537123	-0,035	0,305
CHR8	9855502	CHR8:9855502	SSF x Far_LoA	-8,00814005	0,001	0,286
CHR8	9855527	CHR8:9855527	SSF x Far_LoA	-7,47233102	0,086	0,291
CHR8	9855549	CHR8:9855549	SSF x Far_LoA	-8,48337889	-0,136	0,309
CHR8	9857764	CHR8:9857764	SSF x Far_LoA	-9,45688993	0,011	0,297
CHR8	9857842	CHR8:9857842	SSF x Far_LoA	-5,5217559	-0,086	0,310
CHR8	986046	CHR8:986046	SSF x Far_LoA	-10,7609247	-0,072	0,301
CHR8	986047	CHR8:986047	SSF x Far_LoA	-9,85149331	0,072	0,290
CHR8	986079	CHR8:986079	SSF x Far_LoA	-8,1942109	0,070	0,312
CHR8	986138	CHR8:986138	SSF x Far_LoA	-11,3892242	-0,019	0,309
CHR8	986153	CHR8:986153	SSF x Far_LoA	-10,5192997	0,055	0,304
CHR8	986165	CHR8:986165	SSF x Far_LoA	-8,42290426	0,001	0,315
CHR8	986222	CHR8:986222	SSF x Far_LoA	-11,188787	-0,066	0,314
CHR8	9884914	CHR8:9884914	SSF x Far_LoA	-5,37458083	-0,102	0,318
CHR8	9886664	CHR8:9886664	SSF x Far_LoA	-7,86004445	-0,108	0,295
CHR8	9886677	CHR8:9886677	SSF x Far_LoA	-8,25453038	-0,104	0,315
CHR8	9886708	CHR8:9886708	SSF x Far_LoA	-7,08862371	-0,056	0,307
CHR8	9886725	CHR8:9886725	SSF x Far_LoA	-9,40124392	-0,051	0,306

CHR8	9886729	CHR8:9886729	SSF x Far_LoA	-7,9997379	-0,065	0,307
CHR8	9886741	CHR8:9886741	SSF x Far_LoA	-9,03739152	-0,066	0,309
CHR8	9886756	CHR8:9886756	SSF x Far_LoA	-8,65373423	-0,061	0,312
CHR8	9886783	CHR8:9886783	SSF x Far_LoA	-8,65510105	-0,093	0,305
CHR8	9890478	CHR8:9890478	SSF x Far_LoA	-8,26964632	0,015	0,323
CHR8	9890608	CHR8:9890608	SSF x Far_LoA	-7,51723682	-0,005	0,312
CHR8	9894641	CHR8:9894641	SSF x Far_LoA	-8,04927866	-0,149	0,301
CHR8	9894664	CHR8:9894664	SSF x Far_LoA	-7,77327356	-0,130	0,297
CHR8	9894697	CHR8:9894697	SSF x Far_LoA	-8,41850153	-0,115	0,301
CHR8	9894708	CHR8:9894708	SSF x Far_LoA	-10,6089219	0,057	0,308
CHR8	9894716	CHR8:9894716	SSF x Far_LoA	-6,42915531	-0,128	0,297
CHR8	989710	CHR8:989710	SSF x Far_LoA	-6,15242678	-0,160	0,316
CHR8	9904878	CHR8:9904878	SSF x Far_LoA	-9,31760941	0,033	0,299
CHR8	9904901	CHR8:9904901	SSF x Far_LoA	-12,2455297	0,052	0,296
CHR8	9904908	CHR8:9904908	SSF x Far_LoA	-3,93790832	-0,141	0,294
CHR8	9904913	CHR8:9904913	SSF x Far_LoA	-8,89644451	-0,130	0,296
CHR8	9904935	CHR8:9904935	SSF x Far_LoA	-8,43244854	-0,067	0,318
CHR8	9904940	CHR8:9904940	SSF x Far_LoA	-10,9970703	0,064	0,305
CHR8	9904949	CHR8:9904949	SSF x Far_LoA	-6,15655197	0,071	0,293
CHR8	9904973	CHR8:9904973	SSF x Far_LoA	-10,4181743	-0,123	0,296
CHR8	9904981	CHR8:9904981	SSF x Far_LoA	-8,30198502	-0,095	0,297
CHR8	9905011	CHR8:9905011	SSF x Far_LoA	-8,98176971	0,055	0,307
CHR8	9905012	CHR8:9905012	SSF x Far_LoA	-7,41421552	0,065	0,302
CHR8	9905954	CHR8:9905954	SSF x Far_LoA	-11,8886963	0,020	0,310
CHR8	9923620	CHR8:9923620	SSF x Far_LoA	-10,0287793	-0,015	0,314
CHR8	9923645	CHR8:9923645	SSF x Far_LoA	-11,1458684	-0,015	0,295
CHR8	9931389	CHR8:9931389	SSF x Far_LoA	-11,2657696	0,031	0,302
CHR8	9932374	CHR8:9932374	SSF x Far_LoA	-8,49544666	-0,122	0,307
CHR8	9932432	CHR8:9932432	SSF x Far_LoA	-6,52473797	-0,081	0,309
CHR8	9932435	CHR8:9932435	SSF x Far_LoA	-8,77210416	-0,028	0,316
CHR8	9932436	CHR8:9932436	SSF x Far_LoA	-8,28578356	-0,046	0,309
CHR8	9932492	CHR8:9932492	SSF x Far_LoA	-6,87211935	-0,079	0,315
CHR8	9932530	CHR8:9932530	SSF x Far_LoA	-4,86775713	-0,080	0,321
CHR8	9932531	CHR8:9932531	SSF x Far_LoA	-7,43517398	-0,122	0,300
CHR8	9941052	CHR8:9941052	SSF x Far_LoA	-11,3749504	-0,019	0,308
CHR8	9941059	CHR8:9941059	SSF x Far_LoA	-5,74108394	0,101	0,302
CHR8	9941065	CHR8:9941065	SSF x Far_LoA	-10,3455385	0,085	0,306
CHR8	9941068	CHR8:9941068	SSF x Far_LoA	-10,6532587	-0,061	0,299
CHR8	9941117	CHR8:9941117	SSF x Far_LoA	-8,22761522	0,009	0,307
CHR8	9953352	CHR8:9953352	SSF x Far_LoA	-9,78534767	0,040	0,307
CHR8	9953378	CHR8:9953378	SSF x Far_LoA	-9,44248256	-0,056	0,315
CHR8	9956562	CHR8:9956562	SSF x Far_LoA	-9,92607109	-0,052	0,305
CHR8	9956579	CHR8:9956579	SSF x Far_LoA	-7,57169098	0,025	0,306
CHR8	9963426	CHR8:9963426	SSF x Far_LoA	-8,84673126	-0,124	0,306
CHR8	9963646	CHR8:9963646	SSF x Far_LoA	-7,42882692	0,170	0,295
CHR8	9963717	CHR8:9963717	SSF x Far_LoA	-12,2767969	0,046	0,285
CHR8	9963807	CHR8:9963807	SSF x Far_LoA	-8,19827514	-0,010	0,314
CHR8	9967066	CHR8:9967066	SSF x Far_LoA	-5,73522582	-0,217	0,293
CHR8	9967068	CHR8:9967068	SSF x Far_LoA	-9,40635812	-0,007	0,321
CHR8	9967098	CHR8:9967098	SSF x Far_LoA	-9,49294996	-0,024	0,337
CHR8	9967147	CHR8:9967147	SSF x Far_LoA	-11,2859876	-0,037	0,306
CHR8	9967192	CHR8:9967192	SSF x Far_LoA	-3,74485926	-0,158	0,310
CHR8	9967276	CHR8:9967276	SSF x Far_LoA	-6,98584768	-0,212	0,305

CHR8	9967277	CHR8:9967277	SSF x Far_LoA	-11,6115928	0,007	0,303
CHR8	9968383	CHR8:9968383	SSF x Far_LoA	-10,6669798	-0,035	0,300
CHR8	9968394	CHR8:9968394	SSF x Far_LoA	-10,9984101	-0,050	0,312
CHR8	9968437	CHR8:9968437	SSF x Far_LoA	-11,2694082	0,001	0,296
CHR8	9968454	CHR8:9968454	SSF x Far_LoA	-10,9080035	0,010	0,311
CHR8	9973481	CHR8:9973481	SSF x Far_LoA	-10,2071428	-0,043	0,313
CHR8	9984375	CHR8:9984375	SSF x Far_LoA	-7,95994526	0,018	0,307
CHR8	9984386	CHR8:9984386	SSF x Far_LoA	-5,80174469	-0,015	0,300
CHR8	9984399	CHR8:9984399	SSF x Far_LoA	-6,69158343	-0,024	0,319
CHR8	9984402	CHR8:9984402	SSF x Far_LoA	-8,92022504	-0,006	0,292
CHR8	9984407	CHR8:9984407	SSF x Far_LoA	-10,7356725	0,014	0,306
CHR8	9984428	CHR8:9984428	SSF x Far_LoA	-7,55936689	-0,126	0,307
CHR8	9984455	CHR8:9984455	SSF x Far_LoA	-6,45631982	0,023	0,305
CHR8	9984477	CHR8:9984477	SSF x Far_LoA	-8,68762144	0,005	0,316
CHR8	9984964	CHR8:9984964	SSF x Far_LoA	-8,15043469	-0,145	0,304
CHR8	9987279	CHR8:9987279	SSF x Far_LoA	-6,99241629	0,178	0,302
CHR8	9987305	CHR8:9987305	SSF x Far_LoA	-5,68990122	0,145	0,300
CHR8	9987323	CHR8:9987323	SSF x Far_LoA	-9,56903649	-0,109	0,322
CHR8	9994240	CHR8:9994240	SSF x Far_LoA	-7,41642701	0,057	0,306
CHR8	9994269	CHR8:9994269	SSF x Far_LoA	-10,3871647	-0,011	0,314
CHR8	9994327	CHR8:9994327	SSF x Far_LoA	-8,51535597	-0,013	0,326
CHR8	9994349	CHR8:9994349	SSF x Far_LoA	-8,03232328	-0,056	0,304
CHR8	9994385	CHR8:9994385	SSF x Far_LoA	-7,71281601	-0,091	0,311
CHR8	9994395	CHR8:9994395	SSF x Far_LoA	-10,9148179	0,060	0,313
CHR8	9994409	CHR8:9994409	SSF x Far_LoA	-10,5922861	0,038	0,316
CHR8	9994420	CHR8:9994420	SSF x Far_LoA	-9,4739385	0,047	0,305
CHR8	9994437	CHR8:9994437	SSF x Far_LoA	-11,0180645	0,073	0,308
CHR8	9999701	CHR8:9999701	SSF x Far_LoA	-9,89345288	0,000	0,311
CHR8	9999716	CHR8:9999716	SSF x Far_LoA	-11,6107405	0,014	0,314
CHR9	1E+07	CHR9:10001737	SSF x Far_LoA	-9,35973699	-0,048	0,317
CHR9	1E+07	CHR9:10001778	SSF x Far_LoA	-8,27193693	-0,067	0,318
CHR9	1E+07	CHR9:10010160	SSF x Far_LoA	-10,2869649	0,117	0,303
CHR9	1E+07	CHR9:10010204	SSF x Far_LoA	-11,8914445	-0,039	0,315
CHR9	1E+07	CHR9:10030483	SSF x Far_LoA	-11,6877193	-0,101	0,312
CHR9	1E+07	CHR9:10035946	SSF x Far_LoA	-10,961624	-0,049	0,311
CHR9	1E+07	CHR9:10035949	SSF x Far_LoA	4,16177683	-0,054	0,320
CHR9	1E+07	CHR9:10035969	SSF x Far_LoA	-8,71847988	0,014	0,307
CHR9	1E+07	CHR9:10035994	SSF x Far_LoA	-9,93485064	-0,100	0,303
CHR9	1E+07	CHR9:10035995	SSF x Far_LoA	-10,1276162	-0,068	0,317
CHR9	1E+07	CHR9:10035998	SSF x Far_LoA	-7,87520277	-0,188	0,303
CHR9	1E+07	CHR9:10036015	SSF x Far_LoA	-6,65346462	0,102	0,306
CHR9	1E+07	CHR9:10036042	SSF x Far_LoA	-5,5922341	0,224	0,298
CHR9	1E+07	CHR9:10036142	SSF x Far_LoA	-10,7560098	0,045	0,304
CHR9	1E+07	CHR9:10036210	SSF x Far_LoA	-7,47738319	-0,060	0,305
CHR9	1E+07	CHR9:10037799	SSF x Far_LoA	-9,75737414	-0,040	0,301
CHR9	1E+07	CHR9:10037865	SSF x Far_LoA	-10,7063731	-0,053	0,297
CHR9	1E+07	CHR9:10037889	SSF x Far_LoA	-7,38808821	0,207	0,279
CHR9	1E+07	CHR9:10037895	SSF x Far_LoA	-11,8121306	-0,045	0,305
CHR9	1004163	CHR9:1004163	SSF x Far_LoA	-11,6059099	0,026	0,310
CHR9	1004329	CHR9:1004329	SSF x Far_LoA	-6,73031324	-0,066	0,296
CHR9	1004396	CHR9:1004396	SSF x Far_LoA	-10,0442055	-0,008	0,305
CHR9	1E+07	CHR9:10044636	SSF x Far_LoA	-11,7085619	0,049	0,310
CHR9	1E+07	CHR9:10045636	SSF x Far_LoA	-8,72894367	-0,113	0,312

CHR9	1E+07	CHR9:10045648	SSF x Far_LoA	-7,63488589	-0,126	0,316
CHR9	1E+07	CHR9:10056908	SSF x Far_LoA	-6,78972491	0,047	0,305
CHR9	1E+07	CHR9:10056989	SSF x Far_LoA	-6,90204041	-0,134	0,300
CHR9	1E+07	CHR9:10068550	SSF x Far_LoA	-9,21143581	-0,026	0,310
CHR9	1E+07	CHR9:10068630	SSF x Far_LoA	-11,9660485	0,027	0,301
CHR9	1007289	CHR9:1007289	SSF x Far_LoA	-4,36393562	0,046	0,311
CHR9	1E+07	CHR9:10079952	SSF x Far_LoA	-9,03807456	0,014	0,298
CHR9	1E+07	CHR9:10080362	SSF x Far_LoA	-9,54950956	-0,012	0,311
CHR9	1009417	CHR9:1009417	SSF x Far_LoA	-7,45878604	0,061	0,302
CHR9	1009464	CHR9:1009464	SSF x Far_LoA	-11,5174954	0,053	0,295
CHR9	1009474	CHR9:1009474	SSF x Far_LoA	-9,01111719	-0,048	0,291
CHR9	1009513	CHR9:1009513	SSF x Far_LoA	-9,02704157	-0,076	0,305
CHR9	1E+07	CHR9:10095627	SSF x Far_LoA	-8,22583024	0,122	0,303
CHR9	1E+07	CHR9:10095658	SSF x Far_LoA	-9,66720867	0,064	0,307
CHR9	1E+07	CHR9:10095661	SSF x Far_LoA	-8,13688144	-0,012	0,310
CHR9	1E+07	CHR9:10095672	SSF x Far_LoA	-9,32266118	-0,051	0,306
CHR9	1E+07	CHR9:10095702	SSF x Far_LoA	-9,74090082	-0,022	0,293
CHR9	1E+07	CHR9:10095707	SSF x Far_LoA	-9,89081078	0,032	0,322
CHR9	1E+07	CHR9:10095713	SSF x Far_LoA	-10,48527	-0,020	0,314
CHR9	1E+07	CHR9:10097845	SSF x Far_LoA	-10,989528	0,053	0,303
CHR9	1E+07	CHR9:10110613	SSF x Far_LoA	-9,50948441	0,104	0,294
CHR9	1E+07	CHR9:10110949	SSF x Far_LoA	-9,44309259	0,017	0,313
CHR9	1E+07	CHR9:10110987	SSF x Far_LoA	-7,72006193	0,051	0,306
CHR9	1E+07	CHR9:10115587	SSF x Far_LoA	-10,2941263	0,066	0,310
CHR9	1E+07	CHR9:10116730	SSF x Far_LoA	-9,37331667	0,101	0,299
CHR9	1E+07	CHR9:10116731	SSF x Far_LoA	-11,1524666	-0,014	0,315
CHR9	1E+07	CHR9:10116749	SSF x Far_LoA	-7,64943514	0,147	0,306
CHR9	1E+07	CHR9:10116817	SSF x Far_LoA	-6,5783919	0,029	0,304
CHR9	1E+07	CHR9:10116824	SSF x Far_LoA	-8,33282434	-0,118	0,303
CHR9	1E+07	CHR9:10116915	SSF x Far_LoA	-8,2419576	-0,001	0,316
CHR9	1E+07	CHR9:10130561	SSF x Far_LoA	-11,2529508	0,066	0,306
CHR9	1E+07	CHR9:10146965	SSF x Far_LoA	-3,1795052	-0,168	0,302
CHR9	1E+07	CHR9:10147031	SSF x Far_LoA	-7,45475375	0,173	0,291
CHR9	1E+07	CHR9:10147043	SSF x Far_LoA	-6,52679632	-0,182	0,306
CHR9	1E+07	CHR9:10155595	SSF x Far_LoA	-11,8692337	-0,059	0,308
CHR9	1E+07	CHR9:10155726	SSF x Far_LoA	-10,2885422	0,099	0,306
CHR9	1016207	CHR9:1016207	SSF x Far_LoA	-10,1904131	-0,049	0,311
CHR9	1016427	CHR9:1016427	SSF x Far_LoA	-12,734025	0,014	0,292
CHR9	1E+07	CHR9:10172122	SSF x Far_LoA	-10,5804613	0,116	0,299
CHR9	1E+07	CHR9:10175740	SSF x Far_LoA	-9,39957886	-0,028	0,303
CHR9	1E+07	CHR9:10175960	SSF x Far_LoA	-9,92552803	0,089	0,307
CHR9	1017991	CHR9:1017991	SSF x Far_LoA	-11,4822982	-0,018	0,306
CHR9	1018049	CHR9:1018049	SSF x Far_LoA	-10,8870718	-0,039	0,311
CHR9	1018100	CHR9:1018100	SSF x Far_LoA	-11,5635357	-0,045	0,317
CHR9	1018132	CHR9:1018132	SSF x Far_LoA	-6,53385219	-0,112	0,298
CHR9	1E+07	CHR9:10182284	SSF x Far_LoA	-9,98923843	-0,016	0,316
CHR9	1E+07	CHR9:10182285	SSF x Far_LoA	-7,9581345	-0,003	0,311
CHR9	1E+07	CHR9:10182300	SSF x Far_LoA	-8,66080912	0,055	0,320
CHR9	1E+07	CHR9:10197980	SSF x Far_LoA	-12,1594796	-0,057	0,311
CHR9	1E+07	CHR9:10197991	SSF x Far_LoA	-9,11678104	0,065	0,309
CHR9	1E+07	CHR9:10198002	SSF x Far_LoA	-8,66788129	0,065	0,305
CHR9	1E+07	CHR9:10198007	SSF x Far_LoA	-12,0606844	-0,017	0,298
CHR9	1E+07	CHR9:10202487	SSF x Far_LoA	-6,68346127	0,061	0,307

CHR9	1E+07	CHR9:10203911	SSF x Far_LoA	-11,076753	0,051	0,314
CHR9	1E+07	CHR9:10204114	SSF x Far_LoA	-11,1337034	-0,034	0,298
CHR9	1E+07	CHR9:10204115	SSF x Far_LoA	-10,5056994	-0,038	0,303
CHR9	1E+07	CHR9:10207049	SSF x Far_LoA	-10,7079521	0,006	0,307
CHR9	1E+07	CHR9:10207213	SSF x Far_LoA	-11,7968485	-0,025	0,304
CHR9	1E+07	CHR9:10214137	SSF x Far_LoA	-8,9639388	0,179	0,297
CHR9	1E+07	CHR9:10220144	SSF x Far_LoA	-10,2104407	-0,030	0,315
CHR9	1E+07	CHR9:10220179	SSF x Far_LoA	-10,3277068	0,053	0,297
CHR9	1E+07	CHR9:10220180	SSF x Far_LoA	-11,9888315	0,022	0,314
CHR9	1E+07	CHR9:10230325	SSF x Far_LoA	-8,40783083	-0,075	0,307
CHR9	1E+07	CHR9:10230335	SSF x Far_LoA	-9,67310983	0,028	0,310
CHR9	1E+07	CHR9:10230378	SSF x Far_LoA	-8,74457346	0,061	0,303
CHR9	1E+07	CHR9:10230417	SSF x Far_LoA	-9,36244453	0,107	0,302
CHR9	1E+07	CHR9:10230467	SSF x Far_LoA	-8,62911352	0,105	0,312
CHR9	1E+07	CHR9:10230473	SSF x Far_LoA	-7,87230715	0,027	0,304
CHR9	1E+07	CHR9:10230486	SSF x Far_LoA	-8,99539977	0,021	0,300
CHR9	1E+07	CHR9:10230501	SSF x Far_LoA	-10,0200584	0,078	0,310
CHR9	1E+07	CHR9:10230511	SSF x Far_LoA	-9,17350286	-0,023	0,301
CHR9	1E+07	CHR9:10230539	SSF x Far_LoA	-9,23962334	0,031	0,312
CHR9	1E+07	CHR9:10230543	SSF x Far_LoA	-6,30289225	0,092	0,294
CHR9	1E+07	CHR9:10230573	SSF x Far_LoA	-9,31050034	-0,034	0,323
CHR9	1E+07	CHR9:10245356	SSF x Far_LoA	-8,41873429	-0,011	0,306
CHR9	1E+07	CHR9:10245369	SSF x Far_LoA	-6,21111047	0,010	0,318
CHR9	1E+07	CHR9:10252335	SSF x Far_LoA	-10,5698523	-0,016	0,299
CHR9	1E+07	CHR9:10252385	SSF x Far_LoA	-9,23206469	0,003	0,304
CHR9	1E+07	CHR9:10252517	SSF x Far_LoA	-11,5522886	0,090	0,301
CHR9	1E+07	CHR9:10259572	SSF x Far_LoA	-10,1683987	0,095	0,317
CHR9	1E+07	CHR9:10272237	SSF x Far_LoA	-7,78127357	-0,066	0,304
CHR9	1E+07	CHR9:10286141	SSF x Far_LoA	-8,14967323	-0,053	0,308
CHR9	1E+07	CHR9:10286182	SSF x Far_LoA	-7,71189475	0,037	0,314
CHR9	1E+07	CHR9:10286205	SSF x Far_LoA	-6,91145363	-0,200	0,291
CHR9	1E+07	CHR9:10286208	SSF x Far_LoA	-7,71542776	0,098	0,294
CHR9	1E+07	CHR9:10286252	SSF x Far_LoA	-11,1650166	-0,031	0,308
CHR9	1E+07	CHR9:10286295	SSF x Far_LoA	-11,2040442	-0,015	0,317
CHR9	1E+07	CHR9:10286331	SSF x Far_LoA	-11,043044	-0,002	0,308
CHR9	1E+07	CHR9:10286333	SSF x Far_LoA	-11,1177922	0,059	0,310
CHR9	1E+07	CHR9:10286373	SSF x Far_LoA	-10,2373338	-0,109	0,299
CHR9	1E+07	CHR9:10286394	SSF x Far_LoA	-9,72278204	0,102	0,315
CHR9	1E+07	CHR9:10287726	SSF x Far_LoA	-9,72542977	-0,067	0,303
CHR9	1E+07	CHR9:10287875	SSF x Far_LoA	-6,78536557	-0,020	0,322
CHR9	1E+07	CHR9:10287954	SSF x Far_LoA	-6,96164046	0,112	0,313
CHR9	1E+07	CHR9:10287957	SSF x Far_LoA	-7,21140047	0,120	0,303
CHR9	1E+07	CHR9:10299001	SSF x Far_LoA	-8,76827483	0,035	0,293
CHR9	1E+07	CHR9:10299063	SSF x Far_LoA	-11,0774996	-0,003	0,330
CHR9	1E+07	CHR9:10299066	SSF x Far_LoA	-9,2445943	-0,005	0,315
CHR9	1E+07	CHR9:10299103	SSF x Far_LoA	-8,49352194	0,029	0,306
CHR9	1E+07	CHR9:10299789	SSF x Far_LoA	-7,37778274	0,172	0,297
CHR9	1E+07	CHR9:10299805	SSF x Far_LoA	-11,0331676	-0,100	0,289
CHR9	1E+07	CHR9:10299814	SSF x Far_LoA	-11,7277219	-0,019	0,308
CHR9	1E+07	CHR9:10299825	SSF x Far_LoA	-10,2143411	-0,013	0,308
CHR9	1E+07	CHR9:10304963	SSF x Far_LoA	-9,04184087	-0,011	0,315
CHR9	1E+07	CHR9:10305017	SSF x Far_LoA	-9,23241451	-0,128	0,304
CHR9	1E+07	CHR9:10305019	SSF x Far_LoA	-9,60103543	-0,091	0,306

CHR9	1E+07	CHR9:10306498	SSF x Far_LoA	-6,58794346	-0,117	0,295
CHR9	1E+07	CHR9:10317897	SSF x Far_LoA	-8,43986087	-0,048	0,303
CHR9	1E+07	CHR9:10317970	SSF x Far_LoA	-7,18389034	-0,069	0,313
CHR9	1E+07	CHR9:10317980	SSF x Far_LoA	-8,97830943	-0,006	0,316
CHR9	1E+07	CHR9:10317991	SSF x Far_LoA	-8,89354588	0,047	0,301
CHR9	1E+07	CHR9:10327913	SSF x Far_LoA	-12,0408525	0,029	0,301
CHR9	1E+07	CHR9:10327915	SSF x Far_LoA	-11,1418047	0,006	0,304
CHR9	1E+07	CHR9:10327936	SSF x Far_LoA	-7,93345206	-0,044	0,309
CHR9	1E+07	CHR9:10327963	SSF x Far_LoA	-9,0215669	-0,104	0,308
CHR9	1E+07	CHR9:10336414	SSF x Far_LoA	-10,8350151	0,025	0,302
CHR9	1E+07	CHR9:10336438	SSF x Far_LoA	-9,07935783	0,047	0,314
CHR9	1E+07	CHR9:10336452	SSF x Far_LoA	-8,13798399	0,010	0,315
CHR9	1E+07	CHR9:10336472	SSF x Far_LoA	-6,47270141	-0,033	0,312
CHR9	1E+07	CHR9:10344602	SSF x Far_LoA	-9,5253383	-0,027	0,301
CHR9	1E+07	CHR9:10344604	SSF x Far_LoA	-6,76567812	0,166	0,293
CHR9	1E+07	CHR9:10344635	SSF x Far_LoA	-7,34886851	0,128	0,314
CHR9	1E+07	CHR9:10344652	SSF x Far_LoA	-5,33616477	0,178	0,286
CHR9	1E+07	CHR9:10344653	SSF x Far_LoA	-3,87291779	-0,122	0,306
CHR9	1E+07	CHR9:10344735	SSF x Far_LoA	-6,03863774	0,160	0,310
CHR9	1E+07	CHR9:10344776	SSF x Far_LoA	-9,09751142	0,027	0,313
CHR9	1E+07	CHR9:10344790	SSF x Far_LoA	-7,96597256	-0,042	0,308
CHR9	1E+07	CHR9:10344795	SSF x Far_LoA	-9,08907555	-0,091	0,307
CHR9	1035262	CHR9:1035262	SSF x Far_LoA	-8,49243287	0,032	0,299
CHR9	1035348	CHR9:1035348	SSF x Far_LoA	1,99258879	-0,099	0,303
CHR9	1E+07	CHR9:10354193	SSF x Far_LoA	-9,35841576	0,083	0,317
CHR9	1E+07	CHR9:10357926	SSF x Far_LoA	-10,1943079	0,153	0,294
CHR9	1E+07	CHR9:10357973	SSF x Far_LoA	-8,84157933	-0,011	0,302
CHR9	1E+07	CHR9:10358020	SSF x Far_LoA	-4,63547271	0,186	0,296
CHR9	1E+07	CHR9:10358070	SSF x Far_LoA	-8,90360608	0,145	0,294
CHR9	1E+07	CHR9:10358079	SSF x Far_LoA	-7,24478751	-0,001	0,319
CHR9	1E+07	CHR9:10370980	SSF x Far_LoA	-11,4263553	-0,037	0,318
CHR9	1E+07	CHR9:10370986	SSF x Far_LoA	-9,30188722	-0,053	0,312
CHR9	1E+07	CHR9:10373508	SSF x Far_LoA	-7,33748815	0,137	0,299
CHR9	1E+07	CHR9:10373673	SSF x Far_LoA	-8,88918353	0,070	0,311
CHR9	1E+07	CHR9:10373677	SSF x Far_LoA	-10,2961841	-0,008	0,320
CHR9	1E+07	CHR9:10378396	SSF x Far_LoA	-11,2149477	0,014	0,298
CHR9	1E+07	CHR9:10378466	SSF x Far_LoA	-10,5803893	-0,008	0,291
CHR9	1E+07	CHR9:10378494	SSF x Far_LoA	-9,51102317	0,022	0,313
CHR9	1E+07	CHR9:10384844	SSF x Far_LoA	-9,85532954	0,079	0,302
CHR9	1E+07	CHR9:10399162	SSF x Far_LoA	-11,4500217	-0,051	0,316
CHR9	1E+07	CHR9:10410167	SSF x Far_LoA	-8,79742698	0,048	0,321
CHR9	1E+07	CHR9:10410496	SSF x Far_LoA	-7,59985417	-0,137	0,312
CHR9	1E+07	CHR9:10410499	SSF x Far_LoA	-9,19964332	-0,123	0,288
CHR9	1E+07	CHR9:10410508	SSF x Far_LoA	-3,56542886	-0,158	0,294
CHR9	1E+07	CHR9:10418140	SSF x Far_LoA	-8,68451111	-0,062	0,299
CHR9	1E+07	CHR9:10419690	SSF x Far_LoA	-10,1325818	-0,087	0,302
CHR9	1E+07	CHR9:10420125	SSF x Far_LoA	-7,94365522	-0,004	0,328
CHR9	1E+07	CHR9:10420163	SSF x Far_LoA	-10,306877	0,114	0,302
CHR9	1E+07	CHR9:10420234	SSF x Far_LoA	-10,1664299	0,096	0,312
CHR9	1E+07	CHR9:10420243	SSF x Far_LoA	-1,14765168	-0,218	0,286
CHR9	1E+07	CHR9:10429453	SSF x Far_LoA	-8,69327061	-0,114	0,310
CHR9	1E+07	CHR9:10429660	SSF x Far_LoA	-11,2126144	0,037	0,306
CHR9	1E+07	CHR9:10429674	SSF x Far_LoA	-11,0394879	0,054	0,295

CHR9	1E+07	CHR9:10430950	SSF x Far_LoA	-8,57619398	0,007	0,310
CHR9	1E+07	CHR9:10430983	SSF x Far_LoA	-8,69981935	0,077	0,305
CHR9	1E+07	CHR9:10433627	SSF x Far_LoA	-6,71151772	0,081	0,299
CHR9	1E+07	CHR9:10450872	SSF x Far_LoA	-9,24741266	0,019	0,322
CHR9	1E+07	CHR9:10450886	SSF x Far_LoA	-3,89710657	0,145	0,298
CHR9	1E+07	CHR9:10450891	SSF x Far_LoA	-10,5145613	-0,063	0,308
CHR9	1E+07	CHR9:10455616	SSF x Far_LoA	-8,78341505	0,068	0,308
CHR9	1E+07	CHR9:10455771	SSF x Far_LoA	-11,1554788	-0,067	0,302
CHR9	1E+07	CHR9:10455776	SSF x Far_LoA	-9,24457302	-0,072	0,308
CHR9	1E+07	CHR9:10455777	SSF x Far_LoA	-8,62038454	-0,095	0,295
CHR9	1E+07	CHR9:10457703	SSF x Far_LoA	-10,7043766	-0,130	0,309
CHR9	1E+07	CHR9:10457719	SSF x Far_LoA	-8,41494552	-0,107	0,303
CHR9	1E+07	CHR9:10457725	SSF x Far_LoA	-8,84908159	-0,046	0,313
CHR9	1E+07	CHR9:10457786	SSF x Far_LoA	-7,54685229	-0,167	0,303
CHR9	1E+07	CHR9:10457802	SSF x Far_LoA	-9,12136043	0,031	0,305
CHR9	1E+07	CHR9:10457807	SSF x Far_LoA	-9,83473093	-0,089	0,309
CHR9	1E+07	CHR9:10457808	SSF x Far_LoA	-9,22993298	-0,168	0,300
CHR9	1E+07	CHR9:10457828	SSF x Far_LoA	-6,50744186	0,118	0,304
CHR9	1E+07	CHR9:10457858	SSF x Far_LoA	-7,30920678	-0,111	0,306
CHR9	1E+07	CHR9:10457893	SSF x Far_LoA	-9,80139757	-0,049	0,322
CHR9	1E+07	CHR9:10457936	SSF x Far_LoA	-10,0687492	0,012	0,311
CHR9	1E+07	CHR9:10463802	SSF x Far_LoA	-9,52707333	0,053	0,292
CHR9	1E+07	CHR9:10463831	SSF x Far_LoA	-7,12107376	-0,048	0,321
CHR9	1E+07	CHR9:10470924	SSF x Far_LoA	-7,1958963	0,012	0,314
CHR9	1E+07	CHR9:10470934	SSF x Far_LoA	-11,2792089	0,009	0,304
CHR9	1E+07	CHR9:10475987	SSF x Far_LoA	-7,26019567	-0,094	0,307
CHR9	1E+07	CHR9:10476060	SSF x Far_LoA	-12,1169098	0,069	0,296
CHR9	1E+07	CHR9:10481474	SSF x Far_LoA	-9,10728796	0,060	0,306
CHR9	1E+07	CHR9:10482272	SSF x Far_LoA	-7,71887568	0,139	0,303
CHR9	1E+07	CHR9:10482298	SSF x Far_LoA	-11,2379826	0,012	0,311
CHR9	1E+07	CHR9:10482347	SSF x Far_LoA	-12,0473946	0,072	0,311
CHR9	1E+07	CHR9:10487786	SSF x Far_LoA	-11,282302	0,006	0,300
CHR9	1E+07	CHR9:10488003	SSF x Far_LoA	-10,022781	-0,069	0,306
CHR9	1048847	CHR9:1048847	SSF x Far_LoA	-5,95123143	0,149	0,290
CHR9	1E+07	CHR9:10496166	SSF x Far_LoA	-10,1258429	0,081	0,300
CHR9	1E+07	CHR9:10496213	SSF x Far_LoA	-8,94652472	0,086	0,312
CHR9	1E+07	CHR9:10496232	SSF x Far_LoA	-10,3566014	0,083	0,301
CHR9	1E+07	CHR9:10496242	SSF x Far_LoA	-8,45811743	-0,043	0,298
CHR9	1E+07	CHR9:10496299	SSF x Far_LoA	-7,76189121	-0,025	0,310
CHR9	10501881	CHR9:10501881	SSF x Far_LoA	-10,2391411	0,028	0,315
CHR9	10502438	CHR9:10502438	SSF x Far_LoA	-10,2549743	0,077	0,307
CHR9	10502479	CHR9:10502479	SSF x Far_LoA	-9,97614412	0,086	0,308
CHR9	10504699	CHR9:10504699	SSF x Far_LoA	-9,15268812	-0,065	0,292
CHR9	10504720	CHR9:10504720	SSF x Far_LoA	-10,0507627	-0,083	0,320
CHR9	10504788	CHR9:10504788	SSF x Far_LoA	-9,55172475	0,004	0,304
CHR9	10505242	CHR9:10505242	SSF x Far_LoA	-6,76084265	-0,164	0,299
CHR9	10506983	CHR9:10506983	SSF x Far_LoA	-8,84265847	0,018	0,318
CHR9	10507017	CHR9:10507017	SSF x Far_LoA	-4,97921725	0,177	0,294
CHR9	10509716	CHR9:10509716	SSF x Far_LoA	-9,79284617	0,068	0,293
CHR9	10509772	CHR9:10509772	SSF x Far_LoA	-11,435967	0,028	0,303
CHR9	10517924	CHR9:10517924	SSF x Far_LoA	-8,79104541	-0,034	0,303
CHR9	10517996	CHR9:10517996	SSF x Far_LoA	-10,9025182	-0,072	0,300
CHR9	10518012	CHR9:10518012	SSF x Far_LoA	-8,77122125	-0,002	0,299

CHR9	10518024	CHR9:10518024	SSF x Far_LoA	-7,74844568	-0,029	0,302
CHR9	10518034	CHR9:10518034	SSF x Far_LoA	-8,633841	0,036	0,305
CHR9	10523646	CHR9:10523646	SSF x Far_LoA	-5,71501036	-0,155	0,299
CHR9	10523836	CHR9:10523836	SSF x Far_LoA	-8,98753326	-0,077	0,319
CHR9	10523844	CHR9:10523844	SSF x Far_LoA	-9,0615794	-0,087	0,296
CHR9	10523858	CHR9:10523858	SSF x Far_LoA	-10,0926468	0,025	0,299
CHR9	10523895	CHR9:10523895	SSF x Far_LoA	-10,1955033	0,014	0,290
CHR9	10530109	CHR9:10530109	SSF x Far_LoA	-10,3010816	-0,047	0,300
CHR9	10530147	CHR9:10530147	SSF x Far_LoA	-11,0531433	-0,063	0,307
CHR9	10530194	CHR9:10530194	SSF x Far_LoA	-10,7085585	0,121	0,307
CHR9	10530227	CHR9:10530227	SSF x Far_LoA	-9,77109436	0,029	0,301
CHR9	10530230	CHR9:10530230	SSF x Far_LoA	-10,6217243	-0,068	0,304
CHR9	10539118	CHR9:10539118	SSF x Far_LoA	-9,0316322	-0,035	0,300
CHR9	10539119	CHR9:10539119	SSF x Far_LoA	-10,0114442	-0,039	0,304
CHR9	10539135	CHR9:10539135	SSF x Far_LoA	-9,70275157	0,060	0,302
CHR9	10539151	CHR9:10539151	SSF x Far_LoA	-8,52681185	-0,047	0,314
CHR9	10539184	CHR9:10539184	SSF x Far_LoA	-9,19381835	0,059	0,307
CHR9	10539193	CHR9:10539193	SSF x Far_LoA	-10,7466819	-0,030	0,312
CHR9	10539278	CHR9:10539278	SSF x Far_LoA	-8,45551997	-0,051	0,310
CHR9	10539280	CHR9:10539280	SSF x Far_LoA	-6,8752884	-0,073	0,293
CHR9	10539288	CHR9:10539288	SSF x Far_LoA	-10,3869036	-0,019	0,310
CHR9	10544276	CHR9:10544276	SSF x Far_LoA	-9,42787597	-0,030	0,291
CHR9	10544310	CHR9:10544310	SSF x Far_LoA	-8,54524885	0,148	0,295
CHR9	10544327	CHR9:10544327	SSF x Far_LoA	-10,0747965	-0,081	0,304
CHR9	10544352	CHR9:10544352	SSF x Far_LoA	-9,96633535	-0,063	0,295
CHR9	10544378	CHR9:10544378	SSF x Far_LoA	-9,58435356	-0,044	0,310
CHR9	10553768	CHR9:10553768	SSF x Far_LoA	-9,07278667	-0,169	0,301
CHR9	10553776	CHR9:10553776	SSF x Far_LoA	-9,58808164	0,039	0,297
CHR9	10560694	CHR9:10560694	SSF x Far_LoA	-8,04610196	0,006	0,307
CHR9	10561292	CHR9:10561292	SSF x Far_LoA	-10,8649656	0,091	0,316
CHR9	10561315	CHR9:10561315	SSF x Far_LoA	-7,46700534	0,132	0,302
CHR9	10561335	CHR9:10561335	SSF x Far_LoA	-9,85537738	-0,082	0,307
CHR9	10561356	CHR9:10561356	SSF x Far_LoA	-8,06306582	0,157	0,300
CHR9	10561372	CHR9:10561372	SSF x Far_LoA	-11,0528203	0,063	0,303
CHR9	10571422	CHR9:10571422	SSF x Far_LoA	-11,3955858	-0,056	0,316
CHR9	10571502	CHR9:10571502	SSF x Far_LoA	-8,78195612	-0,038	0,306
CHR9	10571516	CHR9:10571516	SSF x Far_LoA	-8,28446104	-0,102	0,298
CHR9	10573383	CHR9:10573383	SSF x Far_LoA	-11,5365588	-0,051	0,311
CHR9	10580851	CHR9:10580851	SSF x Far_LoA	-8,91697221	0,021	0,312
CHR9	10580895	CHR9:10580895	SSF x Far_LoA	-10,283141	-0,076	0,315
CHR9	10580907	CHR9:10580907	SSF x Far_LoA	-11,143237	-0,003	0,301
CHR9	10580923	CHR9:10580923	SSF x Far_LoA	-8,94478048	-0,068	0,315
CHR9	10580972	CHR9:10580972	SSF x Far_LoA	-4,92866791	-0,097	0,299
CHR9	10580990	CHR9:10580990	SSF x Far_LoA	-10,6944879	-0,051	0,308
CHR9	10581162	CHR9:10581162	SSF x Far_LoA	-10,4639553	0,053	0,301
CHR9	10586016	CHR9:10586016	SSF x Far_LoA	-11,1934001	-0,077	0,323
CHR9	10586019	CHR9:10586019	SSF x Far_LoA	-6,86391874	-0,094	0,315
CHR9	10586036	CHR9:10586036	SSF x Far_LoA	-7,87089851	-0,039	0,323
CHR9	10586041	CHR9:10586041	SSF x Far_LoA	-9,58210964	-0,014	0,311
CHR9	10586124	CHR9:10586124	SSF x Far_LoA	-11,7544474	0,013	0,301
CHR9	10586148	CHR9:10586148	SSF x Far_LoA	-7,96894893	-0,002	0,312
CHR9	10586161	CHR9:10586161	SSF x Far_LoA	-9,15649113	0,033	0,304
CHR9	10593435	CHR9:10593435	SSF x Far_LoA	-10,4915012	0,016	0,305

CHR9	10598369	CHR9:10598369	SSF x Far_LoA	-6,17145449	-0,106	0,296
CHR9	10598673	CHR9:10598673	SSF x Far_LoA	-7,70318043	-0,078	0,302
CHR9	10604017	CHR9:10604017	SSF x Far_LoA	-11,2082224	-0,030	0,299
CHR9	10604044	CHR9:10604044	SSF x Far_LoA	-10,1259609	0,048	0,303
CHR9	10604064	CHR9:10604064	SSF x Far_LoA	-9,03653324	0,126	0,305
CHR9	10604079	CHR9:10604079	SSF x Far_LoA	-9,89289896	-0,050	0,312
CHR9	10604081	CHR9:10604081	SSF x Far_LoA	-10,5948057	0,046	0,302
CHR9	10604084	CHR9:10604084	SSF x Far_LoA	-6,80708894	-0,054	0,310
CHR9	10609265	CHR9:10609265	SSF x Far_LoA	-11,6891256	0,035	0,319
CHR9	10609406	CHR9:10609406	SSF x Far_LoA	-10,5548299	-0,034	0,310
CHR9	10611748	CHR9:10611748	SSF x Far_LoA	-8,52036989	-0,112	0,315
CHR9	10611825	CHR9:10611825	SSF x Far_LoA	-8,11220352	-0,044	0,304
CHR9	10611875	CHR9:10611875	SSF x Far_LoA	-10,3490049	0,158	0,288
CHR9	10613745	CHR9:10613745	SSF x Far_LoA	-11,0462917	-0,025	0,307
CHR9	10621245	CHR9:10621245	SSF x Far_LoA	-8,20100071	0,176	0,294
CHR9	10621271	CHR9:10621271	SSF x Far_LoA	-11,7599844	0,017	0,311
CHR9	10622922	CHR9:10622922	SSF x Far_LoA	-8,72524145	-0,089	0,302
CHR9	10622965	CHR9:10622965	SSF x Far_LoA	-6,36058989	-0,188	0,293
CHR9	10629673	CHR9:10629673	SSF x Far_LoA	-10,9128386	-0,008	0,311
CHR9	10629722	CHR9:10629722	SSF x Far_LoA	-10,1181852	-0,091	0,303
CHR9	10633520	CHR9:10633520	SSF x Far_LoA	-10,3814358	-0,006	0,318
CHR9	10633567	CHR9:10633567	SSF x Far_LoA	-10,0593426	-0,164	0,304
CHR9	10633605	CHR9:10633605	SSF x Far_LoA	-9,79738073	-0,024	0,310
CHR9	10636997	CHR9:10636997	SSF x Far_LoA	-8,24639421	-0,068	0,303
CHR9	10651292	CHR9:10651292	SSF x Far_LoA	-8,92170037	0,074	0,305
CHR9	10651490	CHR9:10651490	SSF x Far_LoA	-10,519642	0,021	0,310
CHR9	10661710	CHR9:10661710	SSF x Far_LoA	-11,3724053	0,041	0,314
CHR9	10661762	CHR9:10661762	SSF x Far_LoA	-9,45326466	0,008	0,315
CHR9	10661819	CHR9:10661819	SSF x Far_LoA	-9,02047506	0,033	0,291
CHR9	10661852	CHR9:10661852	SSF x Far_LoA	-8,93206434	0,110	0,297
CHR9	10680916	CHR9:10680916	SSF x Far_LoA	-9,09893884	-0,001	0,297
CHR9	10680943	CHR9:10680943	SSF x Far_LoA	-4,78170972	-0,130	0,305
CHR9	10680944	CHR9:10680944	SSF x Far_LoA	-8,46062864	-0,113	0,313
CHR9	10682813	CHR9:10682813	SSF x Far_LoA	-7,41267544	0,145	0,300
CHR9	10682831	CHR9:10682831	SSF x Far_LoA	-8,86558736	-0,040	0,300
CHR9	10682839	CHR9:10682839	SSF x Far_LoA	-8,48079235	-0,078	0,312
CHR9	10682995	CHR9:10682995	SSF x Far_LoA	-5,61909642	-0,193	0,302
CHR9	10689408	CHR9:10689408	SSF x Far_LoA	-8,88388272	-0,035	0,307
CHR9	10689424	CHR9:10689424	SSF x Far_LoA	-7,96325419	-0,043	0,316
CHR9	1070175	CHR9:1070175	SSF x Far_LoA	-11,495587	0,057	0,315
CHR9	10701970	CHR9:10701970	SSF x Far_LoA	-10,8458103	-0,061	0,314
CHR9	1070238	CHR9:1070238	SSF x Far_LoA	-12,0529931	-0,016	0,290
CHR9	1070259	CHR9:1070259	SSF x Far_LoA	-11,5176178	0,040	0,300
CHR9	10710642	CHR9:10710642	SSF x Far_LoA	-7,32790359	0,125	0,303
CHR9	10710671	CHR9:10710671	SSF x Far_LoA	-5,59070184	-0,150	0,307
CHR9	10710732	CHR9:10710732	SSF x Far_LoA	-9,89961019	0,024	0,297
CHR9	10710826	CHR9:10710826	SSF x Far_LoA	-11,2004551	0,116	0,300
CHR9	10714462	CHR9:10714462	SSF x Far_LoA	-10,0495401	-0,031	0,299
CHR9	10714463	CHR9:10714463	SSF x Far_LoA	-10,6119876	-0,039	0,303
CHR9	10714485	CHR9:10714485	SSF x Far_LoA	-9,44425922	-0,022	0,299
CHR9	10715215	CHR9:10715215	SSF x Far_LoA	-9,35585287	0,019	0,312
CHR9	10718503	CHR9:10718503	SSF x Far_LoA	-8,44226432	-0,030	0,306
CHR9	10718518	CHR9:10718518	SSF x Far_LoA	-8,23550756	-0,120	0,306

CHR9	10718550	CHR9:10718550	SSF x Far_LoA	-10,9454702	0,039	0,304
CHR9	10718558	CHR9:10718558	SSF x Far_LoA	-9,90893217	-0,057	0,294
CHR9	10718642	CHR9:10718642	SSF x Far_LoA	-8,01652696	-0,078	0,318
CHR9	10731904	CHR9:10731904	SSF x Far_LoA	-9,9110095	0,127	0,304
CHR9	10731922	CHR9:10731922	SSF x Far_LoA	-9,16996222	0,142	0,289
CHR9	10732020	CHR9:10732020	SSF x Far_LoA	-8,30217129	0,177	0,296
CHR9	10732032	CHR9:10732032	SSF x Far_LoA	-8,015873	0,196	0,289
CHR9	10734648	CHR9:10734648	SSF x Far_LoA	-8,99463078	0,170	0,300
CHR9	10734697	CHR9:10734697	SSF x Far_LoA	-9,76985109	-0,126	0,296
CHR9	10734701	CHR9:10734701	SSF x Far_LoA	-12,0740477	-0,012	0,309
CHR9	10734706	CHR9:10734706	SSF x Far_LoA	-8,12227972	0,198	0,284
CHR9	10736028	CHR9:10736028	SSF x Far_LoA	-8,82375587	-0,050	0,294
CHR9	10736041	CHR9:10736041	SSF x Far_LoA	-9,71930532	-0,023	0,303
CHR9	10747062	CHR9:10747062	SSF x Far_LoA	-10,4270617	-0,023	0,304
CHR9	10747068	CHR9:10747068	SSF x Far_LoA	-11,4853874	0,001	0,295
CHR9	10747103	CHR9:10747103	SSF x Far_LoA	-10,3404539	0,009	0,311
CHR9	1074841	CHR9:1074841	SSF x Far_LoA	-8,44438465	-0,055	0,308
CHR9	1074861	CHR9:1074861	SSF x Far_LoA	-6,07656742	-0,161	0,285
CHR9	1074873	CHR9:1074873	SSF x Far_LoA	8,40011482	-0,188	0,305
CHR9	10750194	CHR9:10750194	SSF x Far_LoA	-7,53438426	-0,183	0,294
CHR9	10750203	CHR9:10750203	SSF x Far_LoA	-9,42018878	0,027	0,302
CHR9	10750206	CHR9:10750206	SSF x Far_LoA	-10,5226911	0,056	0,307
CHR9	10750239	CHR9:10750239	SSF x Far_LoA	-8,74814108	0,064	0,311
CHR9	10750244	CHR9:10750244	SSF x Far_LoA	-7,49384466	0,057	0,304
CHR9	10750288	CHR9:10750288	SSF x Far_LoA	-10,7660287	0,074	0,298
CHR9	10750352	CHR9:10750352	SSF x Far_LoA	-11,0088328	-0,092	0,299
CHR9	10750372	CHR9:10750372	SSF x Far_LoA	-9,21996473	-0,056	0,309
CHR9	10756795	CHR9:10756795	SSF x Far_LoA	-9,93465533	0,011	0,292
CHR9	10762113	CHR9:10762113	SSF x Far_LoA	-10,3649067	-0,002	0,299
CHR9	10762194	CHR9:10762194	SSF x Far_LoA	-6,56196505	0,104	0,288
CHR9	10762220	CHR9:10762220	SSF x Far_LoA	-11,4858978	0,053	0,303
CHR9	10762227	CHR9:10762227	SSF x Far_LoA	-10,1932515	0,053	0,312
CHR9	10765728	CHR9:10765728	SSF x Far_LoA	-10,2365932	-0,020	0,311
CHR9	10765801	CHR9:10765801	SSF x Far_LoA	-8,08766929	0,006	0,316
CHR9	10765855	CHR9:10765855	SSF x Far_LoA	-8,44921684	-0,178	0,284
CHR9	10776463	CHR9:10776463	SSF x Far_LoA	-8,62365885	-0,059	0,316
CHR9	10776527	CHR9:10776527	SSF x Far_LoA	-8,59523072	-0,031	0,308
CHR9	10776555	CHR9:10776555	SSF x Far_LoA	-6,31447452	0,061	0,318
CHR9	10783688	CHR9:10783688	SSF x Far_LoA	-11,4475321	-0,003	0,297
CHR9	10783752	CHR9:10783752	SSF x Far_LoA	-10,8541453	-0,011	0,299
CHR9	10783782	CHR9:10783782	SSF x Far_LoA	-11,797462	0,053	0,304
CHR9	1079129	CHR9:1079129	SSF x Far_LoA	-9,42372501	0,042	0,315
CHR9	1079153	CHR9:1079153	SSF x Far_LoA	-11,2797976	-0,011	0,291
CHR9	1079159	CHR9:1079159	SSF x Far_LoA	-10,6795754	0,002	0,305
CHR9	10796248	CHR9:10796248	SSF x Far_LoA	-11,1147236	-0,002	0,310
CHR9	10796270	CHR9:10796270	SSF x Far_LoA	-6,3539777	-0,047	0,311
CHR9	10796342	CHR9:10796342	SSF x Far_LoA	-11,4189181	-0,036	0,300
CHR9	10796431	CHR9:10796431	SSF x Far_LoA	-11,2637532	-0,036	0,303
CHR9	1080201	CHR9:1080201	SSF x Far_LoA	-7,78488419	0,072	0,291
CHR9	1080365	CHR9:1080365	SSF x Far_LoA	-6,71779908	-0,124	0,321
CHR9	10806188	CHR9:10806188	SSF x Far_LoA	-9,33685407	0,035	0,302
CHR9	10814385	CHR9:10814385	SSF x Far_LoA	-10,9214059	0,018	0,316
CHR9	1081441	CHR9:1081441	SSF x Far_LoA	-6,12008648	-0,125	0,283

CHR9	1081463	CHR9:1081463	SSF x Far_LoA	-5,0815017	0,205	0,280
CHR9	1081474	CHR9:1081474	SSF x Far_LoA	-4,84756505	0,204	0,272
CHR9	10842369	CHR9:10842369	SSF x Far_LoA	-9,24807312	0,041	0,306
CHR9	10842380	CHR9:10842380	SSF x Far_LoA	-9,24147744	-0,088	0,308
CHR9	10842543	CHR9:10842543	SSF x Far_LoA	-6,29058646	0,027	0,325
CHR9	10842549	CHR9:10842549	SSF x Far_LoA	-7,87999946	-0,007	0,322
CHR9	10842556	CHR9:10842556	SSF x Far_LoA	-9,01707559	0,010	0,309
CHR9	10850418	CHR9:10850418	SSF x Far_LoA	-8,39069147	-0,090	0,318
CHR9	10854365	CHR9:10854365	SSF x Far_LoA	-9,89836009	0,015	0,305
CHR9	10863040	CHR9:10863040	SSF x Far_LoA	-10,7707114	-0,014	0,326
CHR9	10863129	CHR9:10863129	SSF x Far_LoA	-12,0207692	-0,029	0,300
CHR9	10870730	CHR9:10870730	SSF x Far_LoA	-9,25851627	-0,018	0,315
CHR9	10878711	CHR9:10878711	SSF x Far_LoA	-9,31906677	0,069	0,318
CHR9	10878723	CHR9:10878723	SSF x Far_LoA	-9,82405906	0,096	0,303
CHR9	10884627	CHR9:10884627	SSF x Far_LoA	-9,99034209	-0,073	0,306
CHR9	10911797	CHR9:10911797	SSF x Far_LoA	-7,89968976	0,094	0,298
CHR9	1092998	CHR9:1092998	SSF x Far_LoA	-6,62491347	-0,218	0,284
CHR9	1094685	CHR9:1094685	SSF x Far_LoA	-8,37073972	-0,004	0,308
CHR9	1095259	CHR9:1095259	SSF x Far_LoA	-8,2366687	0,114	0,298
CHR9	10960	CHR9:10960	SSF x Far_LoA	-8,59697755	-0,046	0,320
CHR9	10981797	CHR9:10981797	SSF x Far_LoA	-8,69946929	-0,035	0,315
CHR9	10994149	CHR9:10994149	SSF x Far_LoA	-7,79800782	0,086	0,305
CHR9	11026816	CHR9:11026816	SSF x Far_LoA	-9,72148187	-0,074	0,301
CHR9	11034040	CHR9:11034040	SSF x Far_LoA	-7,02167223	-0,133	0,287
CHR9	11045429	CHR9:11045429	SSF x Far_LoA	-9,99508471	-0,044	0,312
CHR9	11045438	CHR9:11045438	SSF x Far_LoA	-9,94853816	-0,067	0,315
CHR9	11045616	CHR9:11045616	SSF x Far_LoA	-11,961303	0,066	0,303
CHR9	11048765	CHR9:11048765	SSF x Far_LoA	-7,36464995	0,141	0,291
CHR9	11048771	CHR9:11048771	SSF x Far_LoA	-11,0325218	0,037	0,304
CHR9	11048893	CHR9:11048893	SSF x Far_LoA	-10,2753493	0,006	0,302
CHR9	11052689	CHR9:11052689	SSF x Far_LoA	-10,6958567	0,039	0,320
CHR9	11052791	CHR9:11052791	SSF x Far_LoA	-11,7358874	-0,034	0,300
CHR9	11052815	CHR9:11052815	SSF x Far_LoA	-8,66746148	0,093	0,297
CHR9	11052821	CHR9:11052821	SSF x Far_LoA	-12,1427955	0,025	0,317
CHR9	1105765	CHR9:1105765	SSF x Far_LoA	-10,0685189	0,005	0,300
CHR9	1105773	CHR9:1105773	SSF x Far_LoA	-8,31057113	0,024	0,306
CHR9	11059438	CHR9:11059438	SSF x Far_LoA	-11,8283199	-0,039	0,300
CHR9	11059489	CHR9:11059489	SSF x Far_LoA	-10,4701316	-0,049	0,307
CHR9	11059595	CHR9:11059595	SSF x Far_LoA	-9,35483603	-0,058	0,311
CHR9	11059729	CHR9:11059729	SSF x Far_LoA	-9,63518264	0,110	0,301
CHR9	11059738	CHR9:11059738	SSF x Far_LoA	-10,9128217	0,106	0,316
CHR9	11059813	CHR9:11059813	SSF x Far_LoA	-10,5720984	-0,038	0,313
CHR9	11059816	CHR9:11059816	SSF x Far_LoA	-9,51130517	0,049	0,309
CHR9	1106175	CHR9:1106175	SSF x Far_LoA	-9,95591508	0,032	0,310
CHR9	11063056	CHR9:11063056	SSF x Far_LoA	-10,1551591	-0,011	0,321
CHR9	11063180	CHR9:11063180	SSF x Far_LoA	-11,0127155	-0,086	0,307
CHR9	11063182	CHR9:11063182	SSF x Far_LoA	-0,71267718	-0,091	0,299
CHR9	11063229	CHR9:11063229	SSF x Far_LoA	-8,96537389	-0,070	0,307
CHR9	11063246	CHR9:11063246	SSF x Far_LoA	-9,80800672	-0,010	0,295
CHR9	11063316	CHR9:11063316	SSF x Far_LoA	-8,98714116	-0,019	0,298
CHR9	11063337	CHR9:11063337	SSF x Far_LoA	-6,49377621	-0,037	0,300
CHR9	11063369	CHR9:11063369	SSF x Far_LoA	-10,2503259	0,028	0,313
CHR9	11068115	CHR9:11068115	SSF x Far_LoA	-9,89839384	-0,068	0,323

CHR9	11068147	CHR9:11068147	SSF x Far_LoA	-10,7863796	-0,067	0,305
CHR9	11072742	CHR9:11072742	SSF x Far_LoA	-11,2795232	-0,003	0,304
CHR9	11072760	CHR9:11072760	SSF x Far_LoA	-10,0200005	0,133	0,291
CHR9	11072898	CHR9:11072898	SSF x Far_LoA	-7,36302047	0,083	0,311
CHR9	11076574	CHR9:11076574	SSF x Far_LoA	-9,13065272	-0,070	0,320
CHR9	11080229	CHR9:11080229	SSF x Far_LoA	-8,21255431	0,122	0,316
CHR9	11080463	CHR9:11080463	SSF x Far_LoA	-10,8474316	-0,010	0,319
CHR9	11110496	CHR9:11110496	SSF x Far_LoA	-8,36522032	-0,041	0,319
CHR9	11112298	CHR9:11112298	SSF x Far_LoA	-4,27236066	0,286	0,273
CHR9	11112993	CHR9:11112993	SSF x Far_LoA	-8,68126784	-0,005	0,302
CHR9	11113191	CHR9:11113191	SSF x Far_LoA	-8,52277811	-0,143	0,318
CHR9	11114572	CHR9:11114572	SSF x Far_LoA	-10,6345257	-0,093	0,306
CHR9	1113204	CHR9:1113204	SSF x Far_LoA	-9,47214958	-0,006	0,307
CHR9	1113379	CHR9:1113379	SSF x Far_LoA	10,1061761	0,070	0,297
CHR9	1113429	CHR9:1113429	SSF x Far_LoA	-11,7807578	0,015	0,301
CHR9	1113455	CHR9:1113455	SSF x Far_LoA	-8,00082182	0,103	0,313
CHR9	11147377	CHR9:11147377	SSF x Far_LoA	-9,63381596	0,091	0,297
CHR9	11147458	CHR9:11147458	SSF x Far_LoA	-8,77056486	-0,021	0,305
CHR9	11147527	CHR9:11147527	SSF x Far_LoA	-11,7510902	0,036	0,300
CHR9	11147607	CHR9:11147607	SSF x Far_LoA	-9,57089558	-0,010	0,307
CHR9	1116611	CHR9:1116611	SSF x Far_LoA	-10,2148316	0,107	0,302
CHR9	1116689	CHR9:1116689	SSF x Far_LoA	-10,4104241	-0,121	0,301
CHR9	1117928	CHR9:1117928	SSF x Far_LoA	-7,77624634	0,154	0,291
CHR9	11217589	CHR9:11217589	SSF x Far_LoA	-3,46081841	-0,118	0,306
CHR9	11217632	CHR9:11217632	SSF x Far_LoA	-11,2943179	0,145	0,292
CHR9	11273736	CHR9:11273736	SSF x Far_LoA	-9,37311476	0,006	0,314
CHR9	11273752	CHR9:11273752	SSF x Far_LoA	-10,7093979	0,048	0,303
CHR9	11273867	CHR9:11273867	SSF x Far_LoA	-8,48072948	-0,032	0,303
CHR9	11273901	CHR9:11273901	SSF x Far_LoA	-6,84304779	0,005	0,312
CHR9	11273925	CHR9:11273925	SSF x Far_LoA	-8,73495708	0,018	0,308
CHR9	11273931	CHR9:11273931	SSF x Far_LoA	-4,78975476	-0,019	0,316
CHR9	11285568	CHR9:11285568	SSF x Far_LoA	-9,42191582	-0,111	0,318
CHR9	11285571	CHR9:11285571	SSF x Far_LoA	-8,48331784	-0,163	0,298
CHR9	11285626	CHR9:11285626	SSF x Far_LoA	-10,6699019	0,083	0,297
CHR9	11285677	CHR9:11285677	SSF x Far_LoA	-10,5278469	-0,057	0,301
CHR9	11285753	CHR9:11285753	SSF x Far_LoA	-9,36039103	-0,126	0,307
CHR9	11285786	CHR9:11285786	SSF x Far_LoA	-7,91992655	-0,148	0,311
CHR9	11302889	CHR9:11302889	SSF x Far_LoA	-8,85134535	-0,090	0,310
CHR9	11302912	CHR9:11302912	SSF x Far_LoA	-4,60931535	-0,030	0,307
CHR9	11302924	CHR9:11302924	SSF x Far_LoA	-8,72499305	0,026	0,315
CHR9	11302942	CHR9:11302942	SSF x Far_LoA	-7,89628481	-0,036	0,303
CHR9	11302989	CHR9:11302989	SSF x Far_LoA	-6,76659064	-0,008	0,316
CHR9	11303020	CHR9:11303020	SSF x Far_LoA	-11,0719149	-0,015	0,315
CHR9	1130629	CHR9:1130629	SSF x Far_LoA	-10,6620951	0,040	0,316
CHR9	1130739	CHR9:1130739	SSF x Far_LoA	-10,098051	-0,067	0,307
CHR9	1130785	CHR9:1130785	SSF x Far_LoA	-7,51878013	-0,093	0,314
CHR9	11334071	CHR9:11334071	SSF x Far_LoA	-12,7890818	0,019	0,292
CHR9	11349800	CHR9:11349800	SSF x Far_LoA	-8,99611954	0,061	0,323
CHR9	11349837	CHR9:11349837	SSF x Far_LoA	-9,02347676	-0,022	0,315
CHR9	11349886	CHR9:11349886	SSF x Far_LoA	-8,85505352	-0,008	0,310
CHR9	11349904	CHR9:11349904	SSF x Far_LoA	-8,03531705	0,130	0,298
CHR9	11349970	CHR9:11349970	SSF x Far_LoA	-7,26004847	-0,079	0,300
CHR9	11351171	CHR9:11351171	SSF x Far_LoA	-10,2653086	-0,089	0,292

CHR9	11351172	CHR9:11351172	SSF x Far_LoA	-9,46036834	0,092	0,322
CHR9	11364914	CHR9:11364914	SSF x Far_LoA	-8,96549078	0,037	0,312
CHR9	11368681	CHR9:11368681	SSF x Far_LoA	-6,54536751	0,056	0,306
CHR9	11368760	CHR9:11368760	SSF x Far_LoA	-10,8772163	0,060	0,318
CHR9	11368793	CHR9:11368793	SSF x Far_LoA	-10,2156044	0,006	0,326
CHR9	11368875	CHR9:11368875	SSF x Far_LoA	-8,18903989	0,098	0,313
CHR9	11368891	CHR9:11368891	SSF x Far_LoA	-8,78484661	-0,026	0,310
CHR9	11368907	CHR9:11368907	SSF x Far_LoA	-8,85827557	0,019	0,313
CHR9	11372310	CHR9:11372310	SSF x Far_LoA	-10,1575254	0,132	0,314
CHR9	11372334	CHR9:11372334	SSF x Far_LoA	-11,8210793	-0,025	0,309
CHR9	11372349	CHR9:11372349	SSF x Far_LoA	-10,8329139	-0,018	0,309
CHR9	11372376	CHR9:11372376	SSF x Far_LoA	-11,1982133	-0,063	0,316
CHR9	11372378	CHR9:11372378	SSF x Far_LoA	-8,67506141	-0,026	0,305
CHR9	11372393	CHR9:11372393	SSF x Far_LoA	-11,0885881	-0,039	0,309
CHR9	11376411	CHR9:11376411	SSF x Far_LoA	-11,2084034	0,047	0,295
CHR9	11376435	CHR9:11376435	SSF x Far_LoA	-9,54201363	0,028	0,307
CHR9	11376521	CHR9:11376521	SSF x Far_LoA	-10,2306685	0,069	0,289
CHR9	11376615	CHR9:11376615	SSF x Far_LoA	-9,2075348	-0,070	0,308
CHR9	11376680	CHR9:11376680	SSF x Far_LoA	-9,26000724	0,101	0,297
CHR9	11383318	CHR9:11383318	SSF x Far_LoA	-6,31320511	-0,136	0,307
CHR9	11383569	CHR9:11383569	SSF x Far_LoA	-8,84947115	-0,025	0,301
CHR9	11387880	CHR9:11387880	SSF x Far_LoA	-5,47829754	-0,103	0,297
CHR9	11387932	CHR9:11387932	SSF x Far_LoA	-10,5090788	0,025	0,305
CHR9	11392029	CHR9:11392029	SSF x Far_LoA	-11,1328488	0,043	0,313
CHR9	11392099	CHR9:11392099	SSF x Far_LoA	-11,6248148	0,049	0,314
CHR9	11393418	CHR9:11393418	SSF x Far_LoA	-10,8917989	0,055	0,306
CHR9	11393431	CHR9:11393431	SSF x Far_LoA	-8,49102198	0,073	0,324
CHR9	11393432	CHR9:11393432	SSF x Far_LoA	-8,84279374	0,125	0,305
CHR9	11393450	CHR9:11393450	SSF x Far_LoA	-8,95362905	-0,048	0,323
CHR9	11393857	CHR9:11393857	SSF x Far_LoA	-9,4992471	0,015	0,299
CHR9	11393911	CHR9:11393911	SSF x Far_LoA	-10,3171168	0,043	0,314
CHR9	11393926	CHR9:11393926	SSF x Far_LoA	-11,7278925	-0,013	0,305
CHR9	11393930	CHR9:11393930	SSF x Far_LoA	-10,0760139	-0,092	0,299
CHR9	11393965	CHR9:11393965	SSF x Far_LoA	-6,49118851	0,137	0,292
CHR9	11393967	CHR9:11393967	SSF x Far_LoA	-11,0432695	0,044	0,315
CHR9	11399544	CHR9:11399544	SSF x Far_LoA	-11,314161	-0,027	0,305
CHR9	11399613	CHR9:11399613	SSF x Far_LoA	-2,66684109	0,027	0,324
CHR9	11406191	CHR9:11406191	SSF x Far_LoA	-10,8096446	-0,005	0,301
CHR9	11406278	CHR9:11406278	SSF x Far_LoA	5,67890639	-0,173	0,310
CHR9	11406561	CHR9:11406561	SSF x Far_LoA	-8,96258195	0,035	0,300
CHR9	11406577	CHR9:11406577	SSF x Far_LoA	-11,0688358	-0,012	0,309
CHR9	11406605	CHR9:11406605	SSF x Far_LoA	-8,10403874	0,026	0,310
CHR9	11406618	CHR9:11406618	SSF x Far_LoA	-9,46674609	0,062	0,288
CHR9	11406619	CHR9:11406619	SSF x Far_LoA	-6,73759353	-0,093	0,295
CHR9	11406620	CHR9:11406620	SSF x Far_LoA	-9,00210631	-0,039	0,317
CHR9	11413581	CHR9:11413581	SSF x Far_LoA	-11,760616	-0,026	0,313
CHR9	11416927	CHR9:11416927	SSF x Far_LoA	-9,87363731	-0,037	0,314
CHR9	11416929	CHR9:11416929	SSF x Far_LoA	-1,03821321	0,160	0,307
CHR9	11417019	CHR9:11417019	SSF x Far_LoA	-11,5049467	-0,079	0,305
CHR9	11424341	CHR9:11424341	SSF x Far_LoA	-10,1238094	0,049	0,306
CHR9	11428718	CHR9:11428718	SSF x Far_LoA	-10,8916714	-0,037	0,307
CHR9	11428739	CHR9:11428739	SSF x Far_LoA	-6,684976	0,105	0,303
CHR9	11428749	CHR9:11428749	SSF x Far_LoA	-9,97128574	0,062	0,318

CHR9	11446936	CHR9:11446936	SSF x Far_LoA	-11,31173	-0,083	0,308
CHR9	11446956	CHR9:11446956	SSF x Far_LoA	-9,04715535	-0,079	0,301
CHR9	11450733	CHR9:11450733	SSF x Far_LoA	-5,98046724	-0,037	0,323
CHR9	11450785	CHR9:11450785	SSF x Far_LoA	-8,82048814	-0,147	0,298
CHR9	11450791	CHR9:11450791	SSF x Far_LoA	-7,20215318	-0,017	0,310
CHR9	11450891	CHR9:11450891	SSF x Far_LoA	-11,5801619	0,011	0,297
CHR9	11450914	CHR9:11450914	SSF x Far_LoA	-10,8124442	-0,016	0,299
CHR9	11450935	CHR9:11450935	SSF x Far_LoA	-8,93871693	0,053	0,306
CHR9	11450966	CHR9:11450966	SSF x Far_LoA	-6,76721638	0,127	0,300
CHR9	11450996	CHR9:11450996	SSF x Far_LoA	-8,14950497	0,060	0,309
CHR9	11457079	CHR9:11457079	SSF x Far_LoA	-6,80839324	0,149	0,304
CHR9	11457107	CHR9:11457107	SSF x Far_LoA	-9,12918495	0,111	0,293
CHR9	11464472	CHR9:11464472	SSF x Far_LoA	-6,23871678	-0,056	0,304
CHR9	11464480	CHR9:11464480	SSF x Far_LoA	-10,4389063	0,014	0,312
CHR9	11466022	CHR9:11466022	SSF x Far_LoA	-9,76452046	0,021	0,315
CHR9	11466071	CHR9:11466071	SSF x Far_LoA	-8,86692798	-0,006	0,314
CHR9	11466239	CHR9:11466239	SSF x Far_LoA	-8,91606435	0,041	0,299
CHR9	11466263	CHR9:11466263	SSF x Far_LoA	-11,6095962	-0,029	0,318
CHR9	11477062	CHR9:11477062	SSF x Far_LoA	-6,44942929	0,139	0,295
CHR9	11477068	CHR9:11477068	SSF x Far_LoA	-9,19114172	0,093	0,309
CHR9	1148002	CHR9:1148002	SSF x Far_LoA	-8,95550321	-0,072	0,309
CHR9	11488837	CHR9:11488837	SSF x Far_LoA	-9,12223084	0,035	0,300
CHR9	11489286	CHR9:11489286	SSF x Far_LoA	-8,73689497	0,031	0,310
CHR9	11489300	CHR9:11489300	SSF x Far_LoA	-8,14595383	0,005	0,301
CHR9	11489310	CHR9:11489310	SSF x Far_LoA	-7,25956478	0,008	0,306
CHR9	11489312	CHR9:11489312	SSF x Far_LoA	-6,99859898	0,041	0,320
CHR9	11489344	CHR9:11489344	SSF x Far_LoA	-9,45961212	-0,020	0,311
CHR9	1149143	CHR9:1149143	SSF x Far_LoA	-9,83674317	-0,008	0,312
CHR9	1149168	CHR9:1149168	SSF x Far_LoA	-9,52308284	0,063	0,313
CHR9	11504266	CHR9:11504266	SSF x Far_LoA	-10,192735	0,017	0,320
CHR9	11506396	CHR9:11506396	SSF x Far_LoA	-9,8637972	0,009	0,308
CHR9	11506415	CHR9:11506415	SSF x Far_LoA	-10,1417297	-0,052	0,311
CHR9	11506428	CHR9:11506428	SSF x Far_LoA	-10,6203481	-0,008	0,312
CHR9	11506429	CHR9:11506429	SSF x Far_LoA	-6,33515493	0,076	0,313
CHR9	11506445	CHR9:11506445	SSF x Far_LoA	-10,1206833	-0,022	0,304
CHR9	11508250	CHR9:11508250	SSF x Far_LoA	-11,5006298	0,040	0,294
CHR9	11508282	CHR9:11508282	SSF x Far_LoA	-12,0600701	-0,057	0,309
CHR9	11508303	CHR9:11508303	SSF x Far_LoA	-8,91077487	0,105	0,296
CHR9	11508427	CHR9:11508427	SSF x Far_LoA	-8,3150304	-0,085	0,303
CHR9	11529435	CHR9:11529435	SSF x Far_LoA	-10,540582	0,015	0,298
CHR9	11529455	CHR9:11529455	SSF x Far_LoA	-10,7722436	0,079	0,311
CHR9	11529497	CHR9:11529497	SSF x Far_LoA	-7,71385243	-0,166	0,304
CHR9	11530007	CHR9:11530007	SSF x Far_LoA	-7,6849088	-0,060	0,317
CHR9	11535236	CHR9:11535236	SSF x Far_LoA	-8,62882634	0,053	0,313
CHR9	11541038	CHR9:11541038	SSF x Far_LoA	-10,0145878	0,112	0,304
CHR9	11541065	CHR9:11541065	SSF x Far_LoA	-6,17151913	0,110	0,293
CHR9	11541093	CHR9:11541093	SSF x Far_LoA	-9,34003046	0,057	0,304
CHR9	11543881	CHR9:11543881	SSF x Far_LoA	-7,18991272	0,088	0,307
CHR9	11544820	CHR9:11544820	SSF x Far_LoA	-6,52492081	0,083	0,319
CHR9	11545623	CHR9:11545623	SSF x Far_LoA	-10,9263915	-0,042	0,309
CHR9	11545665	CHR9:11545665	SSF x Far_LoA	-7,72406616	-0,044	0,310
CHR9	1155056	CHR9:1155056	SSF x Far_LoA	-8,02886997	0,033	0,307
CHR9	11553736	CHR9:11553736	SSF x Far_LoA	-9,65679519	0,062	0,306

CHR9	11553767	CHR9:11553767	SSF x Far_LoA	-8,56722231	-0,046	0,321
CHR9	11553919	CHR9:11553919	SSF x Far_LoA	-9,62747364	-0,073	0,299
CHR9	11553920	CHR9:11553920	SSF x Far_LoA	-11,0562854	-0,018	0,303
CHR9	11553932	CHR9:11553932	SSF x Far_LoA	-7,14830429	-0,042	0,333
CHR9	1155443	CHR9:1155443	SSF x Far_LoA	-7,86234631	0,101	0,322
CHR9	1155491	CHR9:1155491	SSF x Far_LoA	-2,91327762	-0,099	0,313
CHR9	11556555	CHR9:11556555	SSF x Far_LoA	-11,9753572	0,041	0,308
CHR9	11556610	CHR9:11556610	SSF x Far_LoA	-9,96163909	-0,003	0,316
CHR9	11564604	CHR9:11564604	SSF x Far_LoA	-7,5551665	-0,070	0,315
CHR9	11564638	CHR9:11564638	SSF x Far_LoA	-5,06666104	0,082	0,310
CHR9	11564662	CHR9:11564662	SSF x Far_LoA	-10,1356275	0,002	0,299
CHR9	11564742	CHR9:11564742	SSF x Far_LoA	-10,5423393	-0,058	0,314
CHR9	11564746	CHR9:11564746	SSF x Far_LoA	-11,2072545	0,054	0,290
CHR9	11564751	CHR9:11564751	SSF x Far_LoA	-8,80992064	0,103	0,301
CHR9	11568781	CHR9:11568781	SSF x Far_LoA	-9,10490176	-0,119	0,295
CHR9	11568830	CHR9:11568830	SSF x Far_LoA	-8,36105836	-0,144	0,303
CHR9	11568857	CHR9:11568857	SSF x Far_LoA	-2,01957571	-0,170	0,296
CHR9	11568886	CHR9:11568886	SSF x Far_LoA	-10,8329533	0,032	0,295
CHR9	11569644	CHR9:11569644	SSF x Far_LoA	-9,98210891	-0,039	0,297
CHR9	11569659	CHR9:11569659	SSF x Far_LoA	-8,02627468	-0,114	0,305
CHR9	11575169	CHR9:11575169	SSF x Far_LoA	-8,11828607	-0,162	0,286
CHR9	11575207	CHR9:11575207	SSF x Far_LoA	-11,3971994	0,038	0,301
CHR9	11575233	CHR9:11575233	SSF x Far_LoA	-10,2572028	0,069	0,290
CHR9	11575283	CHR9:11575283	SSF x Far_LoA	-7,92209253	-0,180	0,306
CHR9	11582363	CHR9:11582363	SSF x Far_LoA	-11,2597377	0,022	0,301
CHR9	11582429	CHR9:11582429	SSF x Far_LoA	-12,5662383	0,001	0,300
CHR9	11582590	CHR9:11582590	SSF x Far_LoA	-10,5196605	0,027	0,311
CHR9	11582620	CHR9:11582620	SSF x Far_LoA	-8,23596848	0,013	0,317
CHR9	11595201	CHR9:11595201	SSF x Far_LoA	-8,90126109	-0,034	0,308
CHR9	11595241	CHR9:11595241	SSF x Far_LoA	-9,64117083	-0,009	0,318
CHR9	11595282	CHR9:11595282	SSF x Far_LoA	-9,61106189	-0,015	0,303
CHR9	11595283	CHR9:11595283	SSF x Far_LoA	-10,6451147	-0,038	0,296
CHR9	11595284	CHR9:11595284	SSF x Far_LoA	-9,28642075	-0,024	0,304
CHR9	11595354	CHR9:11595354	SSF x Far_LoA	-9,09817442	-0,081	0,298
CHR9	11595400	CHR9:11595400	SSF x Far_LoA	-8,46638504	0,130	0,303
CHR9	11595454	CHR9:11595454	SSF x Far_LoA	-10,0343215	0,014	0,310
CHR9	11624339	CHR9:11624339	SSF x Far_LoA	-11,4267767	0,063	0,309
CHR9	11626054	CHR9:11626054	SSF x Far_LoA	-11,5602933	0,045	0,293
CHR9	11626077	CHR9:11626077	SSF x Far_LoA	-7,57438357	0,119	0,294
CHR9	11626234	CHR9:11626234	SSF x Far_LoA	-10,371875	0,045	0,311
CHR9	11626247	CHR9:11626247	SSF x Far_LoA	-9,90888555	0,008	0,304
CHR9	11630009	CHR9:11630009	SSF x Far_LoA	-7,97585871	-0,091	0,312
CHR9	11630138	CHR9:11630138	SSF x Far_LoA	-9,25655728	-0,069	0,301
CHR9	11630223	CHR9:11630223	SSF x Far_LoA	-9,65502242	-0,008	0,313
CHR9	11630229	CHR9:11630229	SSF x Far_LoA	-7,58168653	0,056	0,318
CHR9	11632358	CHR9:11632358	SSF x Far_LoA	4,15763574	0,043	0,297
CHR9	11632429	CHR9:11632429	SSF x Far_LoA	-10,4889626	0,031	0,311
CHR9	11638497	CHR9:11638497	SSF x Far_LoA	-11,7685105	0,014	0,317
CHR9	11638594	CHR9:11638594	SSF x Far_LoA	-8,74311217	-0,086	0,327
CHR9	11641967	CHR9:11641967	SSF x Far_LoA	-11,9978877	-0,036	0,298
CHR9	11642008	CHR9:11642008	SSF x Far_LoA	-11,1722836	-0,006	0,309
CHR9	11644593	CHR9:11644593	SSF x Far_LoA	-9,33121368	-0,050	0,299
CHR9	11645988	CHR9:11645988	SSF x Far_LoA	-8,98144422	0,101	0,300

CHR9	11646074	CHR9:11646074	SSF x Far_LoA	-3,81342162	0,131	0,293
CHR9	11651872	CHR9:11651872	SSF x Far_LoA	-8,36354047	-0,188	0,285
CHR9	11651873	CHR9:11651873	SSF x Far_LoA	-7,31383959	-0,201	0,300
CHR9	11652204	CHR9:11652204	SSF x Far_LoA	-3,52495741	-0,042	0,301
CHR9	11657248	CHR9:11657248	SSF x Far_LoA	-12,0889982	0,030	0,300
CHR9	11674358	CHR9:11674358	SSF x Far_LoA	-7,73030274	0,015	0,311
CHR9	11674526	CHR9:11674526	SSF x Far_LoA	-9,63634044	0,042	0,313
CHR9	11674557	CHR9:11674557	SSF x Far_LoA	-9,69933864	0,028	0,292
CHR9	11674563	CHR9:11674563	SSF x Far_LoA	-9,57126046	0,005	0,297
CHR9	11674597	CHR9:11674597	SSF x Far_LoA	-7,62013083	0,034	0,305
CHR9	11674602	CHR9:11674602	SSF x Far_LoA	-9,59719354	0,073	0,317
CHR9	11678562	CHR9:11678562	SSF x Far_LoA	-8,57433859	0,007	0,314
CHR9	11678777	CHR9:11678777	SSF x Far_LoA	-8,3850606	0,087	0,310
CHR9	1167889	CHR9:1167889	SSF x Far_LoA	-1,58994102	0,041	0,292
CHR9	11683489	CHR9:11683489	SSF x Far_LoA	-7,841743	-0,031	0,305
CHR9	11683561	CHR9:11683561	SSF x Far_LoA	-9,28831721	-0,094	0,304
CHR9	1169214	CHR9:1169214	SSF x Far_LoA	-8,25083485	-0,014	0,316
CHR9	1169224	CHR9:1169224	SSF x Far_LoA	-1,84799613	-0,199	0,276
CHR9	1169281	CHR9:1169281	SSF x Far_LoA	-10,0219774	0,067	0,301
CHR9	11693235	CHR9:11693235	SSF x Far_LoA	-8,75874538	-0,169	0,300
CHR9	11693251	CHR9:11693251	SSF x Far_LoA	-8,95599115	-0,039	0,304
CHR9	11693273	CHR9:11693273	SSF x Far_LoA	-8,41268634	-0,087	0,309
CHR9	1169363	CHR9:1169363	SSF x Far_LoA	-9,80269364	0,039	0,313
CHR9	11698360	CHR9:11698360	SSF x Far_LoA	-9,58881886	-0,051	0,317
CHR9	11698447	CHR9:11698447	SSF x Far_LoA	-8,72292212	0,062	0,292
CHR9	11698465	CHR9:11698465	SSF x Far_LoA	-10,2454983	-0,057	0,308
CHR9	11707660	CHR9:11707660	SSF x Far_LoA	-11,5029585	-0,045	0,301
CHR9	11707710	CHR9:11707710	SSF x Far_LoA	-10,6316792	0,054	0,305
CHR9	11707733	CHR9:11707733	SSF x Far_LoA	-9,18466707	0,050	0,304
CHR9	11707741	CHR9:11707741	SSF x Far_LoA	-10,8028833	0,036	0,293
CHR9	11707809	CHR9:11707809	SSF x Far_LoA	-9,16807771	-0,033	0,291
CHR9	11709385	CHR9:11709385	SSF x Far_LoA	-10,5933527	-0,021	0,304
CHR9	11709391	CHR9:11709391	SSF x Far_LoA	-8,65227386	-0,004	0,306
CHR9	11709398	CHR9:11709398	SSF x Far_LoA	-6,26773133	-0,186	0,307
CHR9	11709411	CHR9:11709411	SSF x Far_LoA	-8,93477403	-0,032	0,304
CHR9	11709481	CHR9:11709481	SSF x Far_LoA	-4,91649577	-0,199	0,301
CHR9	11709513	CHR9:11709513	SSF x Far_LoA	-9,73573321	0,079	0,296
CHR9	11709530	CHR9:11709530	SSF x Far_LoA	-9,10263201	-0,074	0,293
CHR9	11709621	CHR9:11709621	SSF x Far_LoA	-5,09695664	0,179	0,282
CHR9	11709649	CHR9:11709649	SSF x Far_LoA	-3,21725328	0,143	0,279
CHR9	11709654	CHR9:11709654	SSF x Far_LoA	-9,36016366	-0,056	0,291
CHR9	11718311	CHR9:11718311	SSF x Far_LoA	-8,82613002	-0,054	0,314
CHR9	11718337	CHR9:11718337	SSF x Far_LoA	-8,9338136	-0,053	0,321
CHR9	11718379	CHR9:11718379	SSF x Far_LoA	-10,1630473	0,034	0,307
CHR9	11724939	CHR9:11724939	SSF x Far_LoA	-9,3289391	-0,050	0,310
CHR9	11725110	CHR9:11725110	SSF x Far_LoA	-8,39083642	-0,015	0,319
CHR9	11755058	CHR9:11755058	SSF x Far_LoA	-7,08598808	0,109	0,296
CHR9	11755077	CHR9:11755077	SSF x Far_LoA	-7,33728031	0,136	0,320
CHR9	11755126	CHR9:11755126	SSF x Far_LoA	-9,57185212	0,120	0,288
CHR9	11755173	CHR9:11755173	SSF x Far_LoA	-8,47505959	0,109	0,306
CHR9	11755282	CHR9:11755282	SSF x Far_LoA	-9,44202072	0,070	0,286
CHR9	11757602	CHR9:11757602	SSF x Far_LoA	-11,1497746	0,078	0,311
CHR9	11757657	CHR9:11757657	SSF x Far_LoA	-9,30576066	0,052	0,295

CHR9	11757661	CHR9:11757661	SSF x Far_LoA	-8,48074656	0,068	0,298
CHR9	11757718	CHR9:11757718	SSF x Far_LoA	-8,49144905	0,121	0,297
CHR9	11771548	CHR9:11771548	SSF x Far_LoA	-9,87024681	-0,079	0,306
CHR9	11771637	CHR9:11771637	SSF x Far_LoA	-9,82679419	-0,126	0,322
CHR9	11771642	CHR9:11771642	SSF x Far_LoA	-6,16034086	-0,185	0,290
CHR9	11771650	CHR9:11771650	SSF x Far_LoA	-4,07261296	-0,078	0,304
CHR9	11771652	CHR9:11771652	SSF x Far_LoA	-8,56923537	-0,101	0,317
CHR9	11771688	CHR9:11771688	SSF x Far_LoA	-7,51171101	0,004	0,298
CHR9	11771722	CHR9:11771722	SSF x Far_LoA	-8,44582449	-0,079	0,310
CHR9	11771769	CHR9:11771769	SSF x Far_LoA	-9,40035948	0,024	0,325
CHR9	11786606	CHR9:11786606	SSF x Far_LoA	-7,49382993	-0,062	0,303
CHR9	11786636	CHR9:11786636	SSF x Far_LoA	-9,09236215	-0,055	0,297
CHR9	11786659	CHR9:11786659	SSF x Far_LoA	-9,84637014	0,102	0,307
CHR9	11787380	CHR9:11787380	SSF x Far_LoA	-8,45657943	-0,067	0,307
CHR9	11791468	CHR9:11791468	SSF x Far_LoA	-8,34619342	-0,080	0,311
CHR9	11791478	CHR9:11791478	SSF x Far_LoA	-8,76804923	-0,014	0,306
CHR9	11791655	CHR9:11791655	SSF x Far_LoA	-5,2216454	0,136	0,301
CHR9	11791674	CHR9:11791674	SSF x Far_LoA	-8,58253257	-0,114	0,300
CHR9	11799362	CHR9:11799362	SSF x Far_LoA	-3,20233207	-0,069	0,315
CHR9	11803378	CHR9:11803378	SSF x Far_LoA	-9,28016511	-0,082	0,324
CHR9	11807964	CHR9:11807964	SSF x Far_LoA	-11,5811228	0,019	0,301
CHR9	11808107	CHR9:11808107	SSF x Far_LoA	-10,2859851	0,106	0,300
CHR9	11811468	CHR9:11811468	SSF x Far_LoA	-12,2097725	-0,025	0,305
CHR9	11845335	CHR9:11845335	SSF x Far_LoA	-7,40005643	-0,141	0,304
CHR9	11845365	CHR9:11845365	SSF x Far_LoA	3,34943517	-0,215	0,309
CHR9	11845379	CHR9:11845379	SSF x Far_LoA	-8,99709435	-0,107	0,311
CHR9	11845389	CHR9:11845389	SSF x Far_LoA	-10,2090636	0,080	0,298
CHR9	11845488	CHR9:11845488	SSF x Far_LoA	-7,5154721	-0,135	0,308
CHR9	11853929	CHR9:11853929	SSF x Far_LoA	-10,2036832	-0,036	0,320
CHR9	11854062	CHR9:11854062	SSF x Far_LoA	-10,5896822	-0,055	0,303
CHR9	11854103	CHR9:11854103	SSF x Far_LoA	-10,650527	0,088	0,305
CHR9	11854109	CHR9:11854109	SSF x Far_LoA	-10,9378509	0,025	0,302
CHR9	11854140	CHR9:11854140	SSF x Far_LoA	-10,6465442	0,025	0,309
CHR9	11854238	CHR9:11854238	SSF x Far_LoA	-11,0807963	-0,006	0,299
CHR9	11857863	CHR9:11857863	SSF x Far_LoA	-9,22487706	0,017	0,316
CHR9	11857952	CHR9:11857952	SSF x Far_LoA	-11,1547805	0,049	0,303
CHR9	11862235	CHR9:11862235	SSF x Far_LoA	-11,7575397	-0,016	0,308
CHR9	11862384	CHR9:11862384	SSF x Far_LoA	-8,26129381	-0,031	0,314
CHR9	11862386	CHR9:11862386	SSF x Far_LoA	-9,13565124	-0,115	0,298
CHR9	11874829	CHR9:11874829	SSF x Far_LoA	-10,6712983	0,088	0,307
CHR9	11874907	CHR9:11874907	SSF x Far_LoA	-7,80378185	-0,112	0,303
CHR9	11886740	CHR9:11886740	SSF x Far_LoA	-9,55844329	0,018	0,296
CHR9	1189082	CHR9:1189082	SSF x Far_LoA	-9,80082298	0,080	0,312
CHR9	1189160	CHR9:1189160	SSF x Far_LoA	-8,29158305	-0,047	0,308
CHR9	1189330	CHR9:1189330	SSF x Far_LoA	-9,29320784	-0,027	0,293
CHR9	11896054	CHR9:11896054	SSF x Far_LoA	-10,7879758	0,068	0,308
CHR9	11896068	CHR9:11896068	SSF x Far_LoA	-9,63533007	0,003	0,305
CHR9	11896161	CHR9:11896161	SSF x Far_LoA	-9,23970617	-0,024	0,312
CHR9	11899973	CHR9:11899973	SSF x Far_LoA	-9,34445961	0,031	0,302
CHR9	11910907	CHR9:11910907	SSF x Far_LoA	-12,3898209	-0,052	0,298
CHR9	11910968	CHR9:11910968	SSF x Far_LoA	-9,98577895	0,087	0,291
CHR9	11911069	CHR9:11911069	SSF x Far_LoA	-8,7000897	0,052	0,313
CHR9	1191207	CHR9:1191207	SSF x Far_LoA	-7,98377796	-0,037	0,325

CHR9	1191268	CHR9:1191268	SSF x Far_LoA	-7,99185475	0,050	0,296
CHR9	11913959	CHR9:11913959	SSF x Far_LoA	-9,02220958	-0,067	0,315
CHR9	11919945	CHR9:11919945	SSF x Far_LoA	-9,08767083	-0,057	0,288
CHR9	11920060	CHR9:11920060	SSF x Far_LoA	-10,2680809	-0,064	0,298
CHR9	11949135	CHR9:11949135	SSF x Far_LoA	-10,8448829	0,006	0,302
CHR9	11952317	CHR9:11952317	SSF x Far_LoA	-8,73881293	-0,098	0,298
CHR9	11952350	CHR9:11952350	SSF x Far_LoA	-11,0593357	0,099	0,308
CHR9	11968498	CHR9:11968498	SSF x Far_LoA	-7,62063029	-0,128	0,307
CHR9	11971430	CHR9:11971430	SSF x Far_LoA	-9,2026547	0,028	0,283
CHR9	11971442	CHR9:11971442	SSF x Far_LoA	-8,55572888	0,021	0,293
CHR9	11980611	CHR9:11980611	SSF x Far_LoA	-9,96516722	0,036	0,303
CHR9	11987326	CHR9:11987326	SSF x Far_LoA	-9,03814144	-0,057	0,301
CHR9	11994832	CHR9:11994832	SSF x Far_LoA	-9,81479908	-0,096	0,305
CHR9	12009827	CHR9:12009827	SSF x Far_LoA	-2,06025233	-0,095	0,313
CHR9	12009847	CHR9:12009847	SSF x Far_LoA	-6,8237212	-0,115	0,313
CHR9	12010009	CHR9:12010009	SSF x Far_LoA	-9,48800914	-0,032	0,322
CHR9	1201601	CHR9:1201601	SSF x Far_LoA	-11,5974429	-0,009	0,321
CHR9	12018251	CHR9:12018251	SSF x Far_LoA	-9,76718135	0,056	0,308
CHR9	1201838	CHR9:1201838	SSF x Far_LoA	-10,3159352	0,096	0,292
CHR9	1201842	CHR9:1201842	SSF x Far_LoA	-11,3672413	0,098	0,289
CHR9	12023461	CHR9:12023461	SSF x Far_LoA	-9,72909106	-0,045	0,309
CHR9	12023612	CHR9:12023612	SSF x Far_LoA	-10,0743557	-0,025	0,304
CHR9	12032651	CHR9:12032651	SSF x Far_LoA	-11,647943	0,015	0,307
CHR9	12037988	CHR9:12037988	SSF x Far_LoA	-8,56901342	-0,044	0,305
CHR9	12038033	CHR9:12038033	SSF x Far_LoA	-9,41658842	-0,028	0,303
CHR9	12038092	CHR9:12038092	SSF x Far_LoA	-10,7944457	0,052	0,294
CHR9	12038118	CHR9:12038118	SSF x Far_LoA	-11,298373	0,054	0,308
CHR9	12038224	CHR9:12038224	SSF x Far_LoA	-7,49736652	-0,012	0,313
CHR9	12038280	CHR9:12038280	SSF x Far_LoA	-11,4968603	-0,006	0,313
CHR9	12038320	CHR9:12038320	SSF x Far_LoA	-9,96393012	-0,003	0,305
CHR9	12045361	CHR9:12045361	SSF x Far_LoA	-10,9236248	-0,078	0,301
CHR9	12045459	CHR9:12045459	SSF x Far_LoA	-11,013672	0,011	0,315
CHR9	12045801	CHR9:12045801	SSF x Far_LoA	-10,5583415	0,100	0,293
CHR9	12045807	CHR9:12045807	SSF x Far_LoA	-11,3856687	-0,032	0,297
CHR9	12048140	CHR9:12048140	SSF x Far_LoA	-10,7865536	-0,088	0,319
CHR9	12048148	CHR9:12048148	SSF x Far_LoA	-9,08657289	0,018	0,305
CHR9	12048155	CHR9:12048155	SSF x Far_LoA	-9,4953833	0,153	0,295
CHR9	12048180	CHR9:12048180	SSF x Far_LoA	-8,59176695	-0,009	0,308
CHR9	12048203	CHR9:12048203	SSF x Far_LoA	-7,91468047	0,072	0,301
CHR9	12048237	CHR9:12048237	SSF x Far_LoA	-11,8929011	0,021	0,291
CHR9	12048239	CHR9:12048239	SSF x Far_LoA	-11,5544446	0,012	0,304
CHR9	12048304	CHR9:12048304	SSF x Far_LoA	-8,73905501	-0,064	0,303
CHR9	12048310	CHR9:12048310	SSF x Far_LoA	-8,24770231	0,131	0,299
CHR9	12048311	CHR9:12048311	SSF x Far_LoA	-9,50543778	-0,020	0,304
CHR9	12048320	CHR9:12048320	SSF x Far_LoA	-10,2535592	-0,049	0,320
CHR9	12048321	CHR9:12048321	SSF x Far_LoA	-8,65562618	-0,024	0,314
CHR9	12052904	CHR9:12052904	SSF x Far_LoA	-4,35754202	-0,063	0,310
CHR9	12052948	CHR9:12052948	SSF x Far_LoA	-8,33545166	0,030	0,307
CHR9	12052984	CHR9:12052984	SSF x Far_LoA	-10,2385142	0,095	0,317
CHR9	12068920	CHR9:12068920	SSF x Far_LoA	-9,02963089	0,020	0,310
CHR9	12068953	CHR9:12068953	SSF x Far_LoA	-9,59280758	-0,040	0,301
CHR9	12070465	CHR9:12070465	SSF x Far_LoA	-10,008144	0,022	0,310
CHR9	12070466	CHR9:12070466	SSF x Far_LoA	-9,3713132	0,016	0,318

CHR9	12070500	CHR9:12070500	SSF x Far_LoA	-11,7226204	0,076	0,308
CHR9	12070509	CHR9:12070509	SSF x Far_LoA	-8,39563468	0,080	0,300
CHR9	12070557	CHR9:12070557	SSF x Far_LoA	-4,01680433	0,182	0,313
CHR9	12077848	CHR9:12077848	SSF x Far_LoA	-6,217494	-0,180	0,304
CHR9	12077909	CHR9:12077909	SSF x Far_LoA	-8,63717906	0,122	0,314
CHR9	12077946	CHR9:12077946	SSF x Far_LoA	-8,22167281	-0,130	0,306
CHR9	12078040	CHR9:12078040	SSF x Far_LoA	-7,79278461	-0,065	0,292
CHR9	12078052	CHR9:12078052	SSF x Far_LoA	-10,2987835	-0,040	0,315
CHR9	12078076	CHR9:12078076	SSF x Far_LoA	-3,71123783	-0,207	0,306
CHR9	12087352	CHR9:12087352	SSF x Far_LoA	-9,80958618	0,086	0,310
CHR9	12087373	CHR9:12087373	SSF x Far_LoA	-7,21878841	-0,031	0,306
CHR9	12087450	CHR9:12087450	SSF x Far_LoA	-8,143845	-0,055	0,300
CHR9	12087504	CHR9:12087504	SSF x Far_LoA	-11,0272941	-0,054	0,315
CHR9	12087529	CHR9:12087529	SSF x Far_LoA	-8,30365401	-0,079	0,306
CHR9	12087594	CHR9:12087594	SSF x Far_LoA	-10,8271257	0,042	0,315
CHR9	12091629	CHR9:12091629	SSF x Far_LoA	-9,89811058	-0,028	0,310
CHR9	12099795	CHR9:12099795	SSF x Far_LoA	-11,09375	-0,011	0,304
CHR9	12099820	CHR9:12099820	SSF x Far_LoA	-8,92510518	0,056	0,299
CHR9	12099856	CHR9:12099856	SSF x Far_LoA	-11,0560453	-0,035	0,297
CHR9	12099865	CHR9:12099865	SSF x Far_LoA	-9,11639402	-0,033	0,313
CHR9	12099897	CHR9:12099897	SSF x Far_LoA	-10,9028275	0,021	0,306
CHR9	12102821	CHR9:12102821	SSF x Far_LoA	-9,97082682	-0,086	0,311
CHR9	12115656	CHR9:12115656	SSF x Far_LoA	-9,09102684	-0,035	0,310
CHR9	12115691	CHR9:12115691	SSF x Far_LoA	-9,69527569	-0,116	0,311
CHR9	12115725	CHR9:12115725	SSF x Far_LoA	-9,18952206	-0,049	0,300
CHR9	12115743	CHR9:12115743	SSF x Far_LoA	-9,21521791	-0,080	0,296
CHR9	12124591	CHR9:12124591	SSF x Far_LoA	-8,05971516	0,055	0,302
CHR9	12124617	CHR9:12124617	SSF x Far_LoA	-8,07124322	0,086	0,313
CHR9	12124623	CHR9:12124623	SSF x Far_LoA	-10,1087318	0,054	0,294
CHR9	12124632	CHR9:12124632	SSF x Far_LoA	-11,1843721	0,047	0,303
CHR9	12128365	CHR9:12128365	SSF x Far_LoA	-10,6926758	-0,031	0,320
CHR9	12128393	CHR9:12128393	SSF x Far_LoA	-11,0135476	0,003	0,308
CHR9	12128395	CHR9:12128395	SSF x Far_LoA	-9,7642577	-0,056	0,298
CHR9	12128446	CHR9:12128446	SSF x Far_LoA	-9,19303658	-0,086	0,318
CHR9	1213095	CHR9:1213095	SSF x Far_LoA	-10,831134	-0,040	0,313
CHR9	12133337	CHR9:12133337	SSF x Far_LoA	-9,10696191	-0,127	0,308
CHR9	12134373	CHR9:12134373	SSF x Far_LoA	-9,83724243	-0,009	0,307
CHR9	12134377	CHR9:12134377	SSF x Far_LoA	-10,2194888	-0,018	0,313
CHR9	12134492	CHR9:12134492	SSF x Far_LoA	-5,27418678	-0,195	0,310
CHR9	12134532	CHR9:12134532	SSF x Far_LoA	-9,17972576	-0,084	0,300
CHR9	12134533	CHR9:12134533	SSF x Far_LoA	-5,81808244	0,155	0,305
CHR9	12146146	CHR9:12146146	SSF x Far_LoA	-9,86133681	0,069	0,293
CHR9	12146191	CHR9:12146191	SSF x Far_LoA	-9,20189775	-0,007	0,309
CHR9	12146312	CHR9:12146312	SSF x Far_LoA	-12,1574187	0,022	0,303
CHR9	1214688	CHR9:1214688	SSF x Far_LoA	-5,97757541	-0,112	0,313
CHR9	12163133	CHR9:12163133	SSF x Far_LoA	-8,05346839	-0,057	0,313
CHR9	12163150	CHR9:12163150	SSF x Far_LoA	-11,0822821	0,012	0,309
CHR9	12163175	CHR9:12163175	SSF x Far_LoA	-7,96196705	0,055	0,298
CHR9	12185469	CHR9:12185469	SSF x Far_LoA	-8,43026141	0,119	0,309
CHR9	12185512	CHR9:12185512	SSF x Far_LoA	-10,3143616	-0,085	0,312
CHR9	12185545	CHR9:12185545	SSF x Far_LoA	-7,40015717	0,088	0,316
CHR9	12185578	CHR9:12185578	SSF x Far_LoA	-6,72092763	-0,022	0,308
CHR9	12185662	CHR9:12185662	SSF x Far_LoA	-6,18353112	-0,104	0,310

CHR9	12185925	CHR9:12185925	SSF x Far_LoA	-8,94175769	-0,001	0,299
CHR9	12185950	CHR9:12185950	SSF x Far_LoA	-8,44823167	-0,112	0,304
CHR9	12185975	CHR9:12185975	SSF x Far_LoA	-8,90127766	-0,118	0,301
CHR9	12186025	CHR9:12186025	SSF x Far_LoA	-4,02229661	-0,174	0,276
CHR9	12186044	CHR9:12186044	SSF x Far_LoA	-9,47046204	0,088	0,305
CHR9	12186055	CHR9:12186055	SSF x Far_LoA	-6,43835216	-0,060	0,308
CHR9	12186056	CHR9:12186056	SSF x Far_LoA	-10,0319458	0,035	0,303
CHR9	12191964	CHR9:12191964	SSF x Far_LoA	-7,67096014	-0,068	0,312
CHR9	12192025	CHR9:12192025	SSF x Far_LoA	-9,55781593	-0,023	0,311
CHR9	12192049	CHR9:12192049	SSF x Far_LoA	-10,8024304	0,053	0,305
CHR9	12192210	CHR9:12192210	SSF x Far_LoA	-8,22190694	-0,056	0,304
CHR9	12198392	CHR9:12198392	SSF x Far_LoA	-9,65177499	0,038	0,321
CHR9	12198579	CHR9:12198579	SSF x Far_LoA	-10,7201902	0,024	0,302
CHR9	12198590	CHR9:12198590	SSF x Far_LoA	-5,26158266	0,148	0,305
CHR9	12217077	CHR9:12217077	SSF x Far_LoA	-6,42765025	-0,007	0,301
CHR9	12220742	CHR9:12220742	SSF x Far_LoA	-10,9261944	-0,049	0,317
CHR9	12220792	CHR9:12220792	SSF x Far_LoA	-9,20931892	-0,095	0,316
CHR9	12220807	CHR9:12220807	SSF x Far_LoA	-7,05439813	0,118	0,306
CHR9	12220811	CHR9:12220811	SSF x Far_LoA	-9,10849719	-0,049	0,306
CHR9	12220844	CHR9:12220844	SSF x Far_LoA	-7,89429751	0,071	0,303
CHR9	12220847	CHR9:12220847	SSF x Far_LoA	-9,36359785	-0,053	0,305
CHR9	12220853	CHR9:12220853	SSF x Far_LoA	-8,93328523	0,121	0,294
CHR9	12220855	CHR9:12220855	SSF x Far_LoA	-8,699112	0,059	0,305
CHR9	12231624	CHR9:12231624	SSF x Far_LoA	-9,55350581	-0,070	0,304
CHR9	12231636	CHR9:12231636	SSF x Far_LoA	-11,3427267	0,046	0,298
CHR9	12231741	CHR9:12231741	SSF x Far_LoA	-1,38708	-0,089	0,307
CHR9	12240409	CHR9:12240409	SSF x Far_LoA	-11,3526969	0,085	0,304
CHR9	12240464	CHR9:12240464	SSF x Far_LoA	-8,66127549	-0,062	0,317
CHR9	12240508	CHR9:12240508	SSF x Far_LoA	-6,71151771	-0,098	0,301
CHR9	12240514	CHR9:12240514	SSF x Far_LoA	-9,32389383	0,008	0,307
CHR9	12247043	CHR9:12247043	SSF x Far_LoA	-9,53832701	0,067	0,312
CHR9	12247045	CHR9:12247045	SSF x Far_LoA	-7,71490185	0,070	0,297
CHR9	12247100	CHR9:12247100	SSF x Far_LoA	-9,75374957	-0,004	0,311
CHR9	12247189	CHR9:12247189	SSF x Far_LoA	-10,6169509	0,013	0,301
CHR9	12258480	CHR9:12258480	SSF x Far_LoA	-9,96206599	0,131	0,306
CHR9	12258497	CHR9:12258497	SSF x Far_LoA	-10,8280708	-0,110	0,295
CHR9	12258601	CHR9:12258601	SSF x Far_LoA	-9,07608985	-0,086	0,315
CHR9	12258621	CHR9:12258621	SSF x Far_LoA	-8,79763418	-0,114	0,298
CHR9	12258723	CHR9:12258723	SSF x Far_LoA	-6,66552682	0,196	0,293
CHR9	1227663	CHR9:1227663	SSF x Far_LoA	-8,55059742	-0,114	0,293
CHR9	1227665	CHR9:1227665	SSF x Far_LoA	2,66439951	-0,055	0,309
CHR9	1227691	CHR9:1227691	SSF x Far_LoA	-4,14556055	0,022	0,315
CHR9	1227733	CHR9:1227733	SSF x Far_LoA	-9,10923478	0,067	0,315
CHR9	1227741	CHR9:1227741	SSF x Far_LoA	-10,8674301	-0,059	0,319
CHR9	12291436	CHR9:12291436	SSF x Far_LoA	-11,0041072	0,012	0,296
CHR9	12291452	CHR9:12291452	SSF x Far_LoA	-10,9680807	0,052	0,311
CHR9	12291507	CHR9:12291507	SSF x Far_LoA	-8,62198751	0,008	0,311
CHR9	12291529	CHR9:12291529	SSF x Far_LoA	-10,6723428	-0,065	0,318
CHR9	12291534	CHR9:12291534	SSF x Far_LoA	-8,82176868	0,031	0,309
CHR9	12291551	CHR9:12291551	SSF x Far_LoA	-9,47464339	-0,064	0,300
CHR9	12291576	CHR9:12291576	SSF x Far_LoA	-9,57332525	0,086	0,313
CHR9	12291699	CHR9:12291699	SSF x Far_LoA	-10,5274944	0,064	0,291
CHR9	1229223	CHR9:1229223	SSF x Far_LoA	-11,836287	0,037	0,294

CHR9	1229490	CHR9:1229490	SSF x Far_LoA	-6,8010981	-0,100	0,307
CHR9	12298079	CHR9:12298079	SSF x Far_LoA	-9,13436307	-0,087	0,293
CHR9	12309819	CHR9:12309819	SSF x Far_LoA	-9,5857185	0,071	0,284
CHR9	12318158	CHR9:12318158	SSF x Far_LoA	-7,82207117	0,094	0,300
CHR9	12318171	CHR9:12318171	SSF x Far_LoA	-9,12589719	0,025	0,302
CHR9	12318188	CHR9:12318188	SSF x Far_LoA	-12,0254985	0,025	0,300
CHR9	12318250	CHR9:12318250	SSF x Far_LoA	-9,43594508	0,034	0,305
CHR9	12318331	CHR9:12318331	SSF x Far_LoA	-8,51805535	0,001	0,315
CHR9	12325276	CHR9:12325276	SSF x Far_LoA	-8,66797671	0,094	0,316
CHR9	12325311	CHR9:12325311	SSF x Far_LoA	-12,3942555	0,015	0,306
CHR9	12325379	CHR9:12325379	SSF x Far_LoA	-10,9822115	0,027	0,318
CHR9	12325428	CHR9:12325428	SSF x Far_LoA	2,6217678	-0,034	0,310
CHR9	12325517	CHR9:12325517	SSF x Far_LoA	-4,25523011	-0,119	0,325
CHR9	12325664	CHR9:12325664	SSF x Far_LoA	-10,6597441	-0,029	0,299
CHR9	12339892	CHR9:12339892	SSF x Far_LoA	-6,6397208	0,222	0,280
CHR9	12341472	CHR9:12341472	SSF x Far_LoA	-11,321801	0,026	0,310
CHR9	1236127	CHR9:1236127	SSF x Far_LoA	-10,304545	-0,077	0,321
CHR9	12369873	CHR9:12369873	SSF x Far_LoA	-11,7613448	0,023	0,302
CHR9	12369956	CHR9:12369956	SSF x Far_LoA	-11,3023555	0,052	0,305
CHR9	12370019	CHR9:12370019	SSF x Far_LoA	-10,0960238	0,081	0,304
CHR9	12371938	CHR9:12371938	SSF x Far_LoA	-11,5359657	0,074	0,299
CHR9	12377632	CHR9:12377632	SSF x Far_LoA	-7,7764719	0,064	0,300
CHR9	12377635	CHR9:12377635	SSF x Far_LoA	-8,60984211	-0,054	0,303
CHR9	12377667	CHR9:12377667	SSF x Far_LoA	-8,63041336	0,072	0,313
CHR9	12377775	CHR9:12377775	SSF x Far_LoA	-7,9613627	0,136	0,290
CHR9	1239745	CHR9:1239745	SSF x Far_LoA	-9,81468138	0,036	0,303
CHR9	1239856	CHR9:1239856	SSF x Far_LoA	-7,69036319	0,062	0,312
CHR9	1239860	CHR9:1239860	SSF x Far_LoA	-10,5850049	0,036	0,299
CHR9	1239868	CHR9:1239868	SSF x Far_LoA	11,03499	-0,185	0,315
CHR9	12408309	CHR9:12408309	SSF x Far_LoA	-6,44192468	-0,156	0,313
CHR9	12409204	CHR9:12409204	SSF x Far_LoA	-7,40694185	-0,130	0,308
CHR9	12409252	CHR9:12409252	SSF x Far_LoA	-9,63052884	-0,013	0,302
CHR9	12409294	CHR9:12409294	SSF x Far_LoA	-6,66869687	-0,007	0,310
CHR9	12409305	CHR9:12409305	SSF x Far_LoA	-7,9163932	-0,046	0,311
CHR9	12409306	CHR9:12409306	SSF x Far_LoA	-8,5284479	0,038	0,303
CHR9	12411332	CHR9:12411332	SSF x Far_LoA	-6,96126947	-0,073	0,313
CHR9	12411334	CHR9:12411334	SSF x Far_LoA	-9,68009717	-0,059	0,309
CHR9	12411348	CHR9:12411348	SSF x Far_LoA	-8,79273923	-0,089	0,307
CHR9	12422140	CHR9:12422140	SSF x Far_LoA	-3,24514332	-0,137	0,291
CHR9	12425091	CHR9:12425091	SSF x Far_LoA	-9,98579786	0,074	0,301
CHR9	12425174	CHR9:12425174	SSF x Far_LoA	-11,4534746	-0,084	0,294
CHR9	12425246	CHR9:12425246	SSF x Far_LoA	-8,24803937	-0,061	0,320
CHR9	12446067	CHR9:12446067	SSF x Far_LoA	-8,14165951	-0,085	0,307
CHR9	12446075	CHR9:12446075	SSF x Far_LoA	-8,8345804	0,115	0,305
CHR9	12446152	CHR9:12446152	SSF x Far_LoA	-9,82796119	0,144	0,298
CHR9	12454663	CHR9:12454663	SSF x Far_LoA	-11,5475533	-0,054	0,319
CHR9	12454676	CHR9:12454676	SSF x Far_LoA	-11,0113247	-0,001	0,312
CHR9	12458895	CHR9:12458895	SSF x Far_LoA	-10,9274015	-0,046	0,304
CHR9	12464825	CHR9:12464825	SSF x Far_LoA	-10,1963595	0,032	0,299
CHR9	12464838	CHR9:12464838	SSF x Far_LoA	-10,2365627	0,043	0,306
CHR9	12464930	CHR9:12464930	SSF x Far_LoA	-6,55684569	0,064	0,333
CHR9	12464958	CHR9:12464958	SSF x Far_LoA	-9,89630634	0,044	0,304
CHR9	12465025	CHR9:12465025	SSF x Far_LoA	-3,36912521	0,140	0,299

CHR9	12472907	CHR9:12472907	SSF x Far_LoA	-12,4463367	-0,048	0,298
CHR9	12472950	CHR9:12472950	SSF x Far_LoA	-10,6203067	0,028	0,309
CHR9	12472959	CHR9:12472959	SSF x Far_LoA	-6,70743807	-0,039	0,311
CHR9	12472976	CHR9:12472976	SSF x Far_LoA	-10,1686755	-0,080	0,305
CHR9	12472986	CHR9:12472986	SSF x Far_LoA	-10,6957602	0,084	0,301
CHR9	12472990	CHR9:12472990	SSF x Far_LoA	-8,90736069	-0,080	0,296
CHR9	12472992	CHR9:12472992	SSF x Far_LoA	-10,9054284	-0,076	0,321
CHR9	12473065	CHR9:12473065	SSF x Far_LoA	-10,7132494	-0,033	0,295
CHR9	12473093	CHR9:12473093	SSF x Far_LoA	-9,39074129	-0,028	0,301
CHR9	12473113	CHR9:12473113	SSF x Far_LoA	-10,9077904	0,013	0,308
CHR9	12473133	CHR9:12473133	SSF x Far_LoA	-10,2118163	0,007	0,306
CHR9	12473146	CHR9:12473146	SSF x Far_LoA	-10,316572	-0,072	0,292
CHR9	12479898	CHR9:12479898	SSF x Far_LoA	-11,2419891	-0,032	0,309
CHR9	12479946	CHR9:12479946	SSF x Far_LoA	-9,48903198	0,015	0,305
CHR9	12481181	CHR9:12481181	SSF x Far_LoA	-11,1787533	0,048	0,317
CHR9	12481182	CHR9:12481182	SSF x Far_LoA	-5,16300365	-0,011	0,308
CHR9	12483404	CHR9:12483404	SSF x Far_LoA	-5,25060841	-0,013	0,318
CHR9	12483573	CHR9:12483573	SSF x Far_LoA	-11,1445544	-0,031	0,305
CHR9	12491407	CHR9:12491407	SSF x Far_LoA	-10,2911224	-0,043	0,317
CHR9	12491431	CHR9:12491431	SSF x Far_LoA	-9,38150469	0,108	0,300
CHR9	12491505	CHR9:12491505	SSF x Far_LoA	-10,2585648	0,171	0,292
CHR9	12491522	CHR9:12491522	SSF x Far_LoA	-11,2321299	0,070	0,303
CHR9	12491552	CHR9:12491552	SSF x Far_LoA	-9,51455009	-0,014	0,302
CHR9	12491631	CHR9:12491631	SSF x Far_LoA	-9,23252809	-0,001	0,309
CHR9	12496541	CHR9:12496541	SSF x Far_LoA	-10,1083967	-0,004	0,313
CHR9	12496543	CHR9:12496543	SSF x Far_LoA	-10,9620454	-0,031	0,310
CHR9	12496565	CHR9:12496565	SSF x Far_LoA	-10,1168475	0,014	0,313
CHR9	12496569	CHR9:12496569	SSF x Far_LoA	-11,3039406	0,020	0,301
CHR9	12512707	CHR9:12512707	SSF x Far_LoA	-9,76344378	0,063	0,312
CHR9	12512751	CHR9:12512751	SSF x Far_LoA	-6,49925035	0,160	0,294
CHR9	12512772	CHR9:12512772	SSF x Far_LoA	-6,94396978	-0,127	0,310
CHR9	12512774	CHR9:12512774	SSF x Far_LoA	-5,80349985	0,188	0,299
CHR9	12512825	CHR9:12512825	SSF x Far_LoA	-7,19527082	-0,107	0,298
CHR9	12512832	CHR9:12512832	SSF x Far_LoA	-5,65478051	-0,185	0,305
CHR9	12512846	CHR9:12512846	SSF x Far_LoA	-8,9378473	0,116	0,296
CHR9	12512866	CHR9:12512866	SSF x Far_LoA	-7,24926335	-0,157	0,318
CHR9	12512881	CHR9:12512881	SSF x Far_LoA	-7,66295105	0,085	0,301
CHR9	12512983	CHR9:12512983	SSF x Far_LoA	-10,978525	-0,052	0,305
CHR9	12522165	CHR9:12522165	SSF x Far_LoA	-9,36098101	0,083	0,307
CHR9	12522227	CHR9:12522227	SSF x Far_LoA	-11,4058439	0,053	0,299
CHR9	12523749	CHR9:12523749	SSF x Far_LoA	-3,53083231	0,147	0,292
CHR9	12523783	CHR9:12523783	SSF x Far_LoA	-5,27343324	-0,214	0,292
CHR9	12523927	CHR9:12523927	SSF x Far_LoA	-11,3140239	0,051	0,289
CHR9	12529666	CHR9:12529666	SSF x Far_LoA	-10,9846769	-0,047	0,304
CHR9	12529769	CHR9:12529769	SSF x Far_LoA	-8,92899455	0,004	0,300
CHR9	12544268	CHR9:12544268	SSF x Far_LoA	-7,3350629	-0,043	0,301
CHR9	12544285	CHR9:12544285	SSF x Far_LoA	-8,45746378	-0,109	0,307
CHR9	12544287	CHR9:12544287	SSF x Far_LoA	-7,78995065	0,015	0,318
CHR9	12544293	CHR9:12544293	SSF x Far_LoA	-1,60314649	-0,109	0,303
CHR9	12544311	CHR9:12544311	SSF x Far_LoA	-5,93717408	-0,074	0,306
CHR9	12544317	CHR9:12544317	SSF x Far_LoA	-10,4425259	0,088	0,296
CHR9	12547208	CHR9:12547208	SSF x Far_LoA	-10,5506262	-0,017	0,305
CHR9	12547228	CHR9:12547228	SSF x Far_LoA	-8,78192032	-0,099	0,313

CHR9	12547293	CHR9:12547293	SSF x Far_LoA	-10,6344604	0,034	0,302
CHR9	12551081	CHR9:12551081	SSF x Far_LoA	-8,60989765	0,037	0,311
CHR9	12551132	CHR9:12551132	SSF x Far_LoA	-9,00281839	-0,032	0,305
CHR9	12557517	CHR9:12557517	SSF x Far_LoA	-11,4371706	-0,059	0,305
CHR9	12557535	CHR9:12557535	SSF x Far_LoA	-8,2143794	-0,024	0,310
CHR9	12557536	CHR9:12557536	SSF x Far_LoA	-9,91146079	0,015	0,301
CHR9	12557540	CHR9:12557540	SSF x Far_LoA	-7,8292352	-0,003	0,303
CHR9	12557585	CHR9:12557585	SSF x Far_LoA	-7,67644273	-0,145	0,284
CHR9	12557601	CHR9:12557601	SSF x Far_LoA	-9,13718944	0,073	0,295
CHR9	12557623	CHR9:12557623	SSF x Far_LoA	-11,9244123	-0,049	0,297
CHR9	12557627	CHR9:12557627	SSF x Far_LoA	-4,97514415	0,051	0,296
CHR9	12566745	CHR9:12566745	SSF x Far_LoA	-3,91491311	0,174	0,299
CHR9	12566963	CHR9:12566963	SSF x Far_LoA	-10,1910637	-0,007	0,320
CHR9	12568173	CHR9:12568173	SSF x Far_LoA	-11,2038086	0,011	0,303
CHR9	12568180	CHR9:12568180	SSF x Far_LoA	-7,18136221	-0,060	0,300
CHR9	12568225	CHR9:12568225	SSF x Far_LoA	-7,49835952	-0,130	0,297
CHR9	12568227	CHR9:12568227	SSF x Far_LoA	-8,23017663	-0,062	0,297
CHR9	12568248	CHR9:12568248	SSF x Far_LoA	-8,97920729	0,043	0,290
CHR9	12568250	CHR9:12568250	SSF x Far_LoA	-8,01328043	-0,009	0,305
CHR9	12585113	CHR9:12585113	SSF x Far_LoA	-8,60149161	0,042	0,301
CHR9	12585115	CHR9:12585115	SSF x Far_LoA	-7,97117893	0,020	0,300
CHR9	12585125	CHR9:12585125	SSF x Far_LoA	-10,1102547	-0,008	0,316
CHR9	12585129	CHR9:12585129	SSF x Far_LoA	-9,16393056	-0,010	0,302
CHR9	12585157	CHR9:12585157	SSF x Far_LoA	-5,87225982	-0,157	0,302
CHR9	12585183	CHR9:12585183	SSF x Far_LoA	-9,14044101	-0,098	0,297
CHR9	12585191	CHR9:12585191	SSF x Far_LoA	-9,24645713	-0,058	0,297
CHR9	12585195	CHR9:12585195	SSF x Far_LoA	-8,73382613	-0,135	0,303
CHR9	12585198	CHR9:12585198	SSF x Far_LoA	-9,45457185	-0,185	0,294
CHR9	12585205	CHR9:12585205	SSF x Far_LoA	-6,6504277	-0,146	0,289
CHR9	12585207	CHR9:12585207	SSF x Far_LoA	-9,29841527	-0,162	0,291
CHR9	12595335	CHR9:12595335	SSF x Far_LoA	-8,06117908	0,019	0,293
CHR9	12595423	CHR9:12595423	SSF x Far_LoA	-9,05907368	0,159	0,294
CHR9	12595570	CHR9:12595570	SSF x Far_LoA	-10,9019151	0,012	0,312
CHR9	12602107	CHR9:12602107	SSF x Far_LoA	-11,4363097	0,094	0,309
CHR9	12602109	CHR9:12602109	SSF x Far_LoA	-10,8442445	0,084	0,311
CHR9	12602116	CHR9:12602116	SSF x Far_LoA	-9,69910886	0,081	0,308
CHR9	12602125	CHR9:12602125	SSF x Far_LoA	-10,2178537	-0,062	0,320
CHR9	12602183	CHR9:12602183	SSF x Far_LoA	-5,98022817	0,143	0,305
CHR9	12602187	CHR9:12602187	SSF x Far_LoA	-9,62113507	0,124	0,294
CHR9	12602246	CHR9:12602246	SSF x Far_LoA	-11,08848	-0,035	0,313
CHR9	12602252	CHR9:12602252	SSF x Far_LoA	-9,45630195	0,119	0,305
CHR9	12602255	CHR9:12602255	SSF x Far_LoA	-8,62564801	-0,130	0,306
CHR9	12622274	CHR9:12622274	SSF x Far_LoA	-9,13190342	-0,088	0,299
CHR9	12622294	CHR9:12622294	SSF x Far_LoA	-9,4653405	0,061	0,300
CHR9	12622345	CHR9:12622345	SSF x Far_LoA	-8,72657427	-0,057	0,293
CHR9	12622353	CHR9:12622353	SSF x Far_LoA	-8,59032424	0,084	0,285
CHR9	12622407	CHR9:12622407	SSF x Far_LoA	-10,0183465	0,022	0,301
CHR9	12622418	CHR9:12622418	SSF x Far_LoA	-9,24196527	0,042	0,294
CHR9	12622476	CHR9:12622476	SSF x Far_LoA	-10,7217202	-0,020	0,305
CHR9	12622482	CHR9:12622482	SSF x Far_LoA	-9,97261021	-0,039	0,311
CHR9	1263768	CHR9:1263768	SSF x Far_LoA	-9,36681515	-0,059	0,288
CHR9	1263834	CHR9:1263834	SSF x Far_LoA	-9,17677569	-0,090	0,311
CHR9	1264025	CHR9:1264025	SSF x Far_LoA	-8,54539516	0,127	0,304

CHR9	1264029	CHR9:1264029	SSF x Far_LoA	-7,88500018	-0,071	0,308
CHR9	1264053	CHR9:1264053	SSF x Far_LoA	-4,21949359	-0,134	0,313
CHR9	1264101	CHR9:1264101	SSF x Far_LoA	-10,2404396	0,089	0,305
CHR9	12645282	CHR9:12645282	SSF x Far_LoA	-10,6438905	0,028	0,304
CHR9	12648173	CHR9:12648173	SSF x Far_LoA	-8,40813874	0,100	0,310
CHR9	12648269	CHR9:12648269	SSF x Far_LoA	-8,62361463	-0,160	0,285
CHR9	12648276	CHR9:12648276	SSF x Far_LoA	-8,52342841	-0,179	0,292
CHR9	12648335	CHR9:12648335	SSF x Far_LoA	-8,86523566	-0,133	0,297
CHR9	12652078	CHR9:12652078	SSF x Far_LoA	-10,1669083	-0,022	0,302
CHR9	12654491	CHR9:12654491	SSF x Far_LoA	-11,6920821	-0,038	0,302
CHR9	12654560	CHR9:12654560	SSF x Far_LoA	-9,07285239	0,034	0,309
CHR9	12654636	CHR9:12654636	SSF x Far_LoA	-6,92186582	-0,101	0,296
CHR9	12654652	CHR9:12654652	SSF x Far_LoA	-4,85632731	-0,031	0,305
CHR9	12654676	CHR9:12654676	SSF x Far_LoA	-5,10632378	-0,078	0,309
CHR9	12654691	CHR9:12654691	SSF x Far_LoA	-10,65999	-0,067	0,302
CHR9	12654723	CHR9:12654723	SSF x Far_LoA	-8,85926934	-0,024	0,317
CHR9	12654737	CHR9:12654737	SSF x Far_LoA	-10,0693259	-0,020	0,327
CHR9	1265835	CHR9:1265835	SSF x Far_LoA	-9,08973282	0,156	0,299
CHR9	1265839	CHR9:1265839	SSF x Far_LoA	-9,08366213	-0,035	0,306
CHR9	12666456	CHR9:12666456	SSF x Far_LoA	-9,3355023	-0,066	0,303
CHR9	12666470	CHR9:12666470	SSF x Far_LoA	-6,26899612	0,114	0,311
CHR9	12666504	CHR9:12666504	SSF x Far_LoA	-9,39774339	-0,106	0,310
CHR9	12666507	CHR9:12666507	SSF x Far_LoA	-7,88203159	0,006	0,318
CHR9	12666519	CHR9:12666519	SSF x Far_LoA	-9,43048108	-0,050	0,308
CHR9	12666526	CHR9:12666526	SSF x Far_LoA	-9,18353242	0,045	0,312
CHR9	12666577	CHR9:12666577	SSF x Far_LoA	-4,5023151	0,076	0,296
CHR9	12666602	CHR9:12666602	SSF x Far_LoA	-8,46145537	0,048	0,318
CHR9	12666626	CHR9:12666626	SSF x Far_LoA	-9,56348016	0,023	0,304
CHR9	12666630	CHR9:12666630	SSF x Far_LoA	-8,8186094	0,030	0,318
CHR9	12666648	CHR9:12666648	SSF x Far_LoA	-6,77741493	0,057	0,308
CHR9	12666692	CHR9:12666692	SSF x Far_LoA	-6,01265495	0,186	0,298
CHR9	12666700	CHR9:12666700	SSF x Far_LoA	-5,26445226	0,169	0,305
CHR9	12672978	CHR9:12672978	SSF x Far_LoA	-5,24009684	-0,007	0,303
CHR9	12674282	CHR9:12674282	SSF x Far_LoA	-10,6796208	-0,051	0,299
CHR9	12678385	CHR9:12678385	SSF x Far_LoA	-5,51075048	-0,172	0,306
CHR9	12678642	CHR9:12678642	SSF x Far_LoA	-9,50857146	-0,068	0,308
CHR9	12678643	CHR9:12678643	SSF x Far_LoA	-9,51891666	-0,059	0,299
CHR9	12678691	CHR9:12678691	SSF x Far_LoA	-9,81479518	-0,058	0,313
CHR9	12678719	CHR9:12678719	SSF x Far_LoA	-9,93907397	-0,096	0,313
CHR9	12703062	CHR9:12703062	SSF x Far_LoA	-10,2374532	0,089	0,302
CHR9	12703075	CHR9:12703075	SSF x Far_LoA	-8,25601674	0,049	0,306
CHR9	12703175	CHR9:12703175	SSF x Far_LoA	-9,31956439	0,078	0,321
CHR9	12703179	CHR9:12703179	SSF x Far_LoA	-7,58447367	-0,030	0,323
CHR9	12703209	CHR9:12703209	SSF x Far_LoA	-7,9801678	-0,123	0,293
CHR9	12703210	CHR9:12703210	SSF x Far_LoA	-7,87537077	-0,130	0,302
CHR9	12703213	CHR9:12703213	SSF x Far_LoA	-8,69613709	-0,070	0,293
CHR9	12703221	CHR9:12703221	SSF x Far_LoA	-7,04741017	-0,085	0,295
CHR9	12716323	CHR9:12716323	SSF x Far_LoA	-9,64906931	0,092	0,315
CHR9	12716364	CHR9:12716364	SSF x Far_LoA	-9,00162686	-0,092	0,319
CHR9	12716575	CHR9:12716575	SSF x Far_LoA	-6,87271433	-0,136	0,307
CHR9	12716633	CHR9:12716633	SSF x Far_LoA	-8,97144812	-0,004	0,305
CHR9	12717401	CHR9:12717401	SSF x Far_LoA	-10,0029735	0,014	0,304
CHR9	12717422	CHR9:12717422	SSF x Far_LoA	-9,94649143	0,035	0,304

CHR9	12722515	CHR9:12722515	SSF x Far_LoA	-10,9798816	-0,011	0,298
CHR9	12722701	CHR9:12722701	SSF x Far_LoA	-11,4397927	-0,042	0,304
CHR9	1273259	CHR9:1273259	SSF x Far_LoA	-11,1822615	-0,018	0,304
CHR9	12736404	CHR9:12736404	SSF x Far_LoA	-10,4039095	0,092	0,307
CHR9	12736406	CHR9:12736406	SSF x Far_LoA	-9,44454413	-0,048	0,303
CHR9	12736509	CHR9:12736509	SSF x Far_LoA	-7,61078032	-0,134	0,318
CHR9	12739950	CHR9:12739950	SSF x Far_LoA	-4,27521438	0,043	0,306
CHR9	12739954	CHR9:12739954	SSF x Far_LoA	-9,37251643	-0,018	0,313
CHR9	12739976	CHR9:12739976	SSF x Far_LoA	-8,00247576	0,066	0,309
CHR9	12739994	CHR9:12739994	SSF x Far_LoA	-10,8174076	0,087	0,305
CHR9	12740005	CHR9:12740005	SSF x Far_LoA	-10,2726749	0,049	0,303
CHR9	12740081	CHR9:12740081	SSF x Far_LoA	-10,5807209	0,029	0,303
CHR9	12740095	CHR9:12740095	SSF x Far_LoA	-9,2976915	0,168	0,279
CHR9	12740116	CHR9:12740116	SSF x Far_LoA	-4,89964084	0,197	0,288
CHR9	12740149	CHR9:12740149	SSF x Far_LoA	-10,1841979	0,032	0,311
CHR9	12749343	CHR9:12749343	SSF x Far_LoA	-12,1037048	0,022	0,297
CHR9	12755065	CHR9:12755065	SSF x Far_LoA	-11,6230648	0,016	0,303
CHR9	12755066	CHR9:12755066	SSF x Far_LoA	-9,41103528	0,005	0,305
CHR9	12755072	CHR9:12755072	SSF x Far_LoA	-11,84403	-0,002	0,304
CHR9	12755080	CHR9:12755080	SSF x Far_LoA	-11,9096639	-0,002	0,308
CHR9	12755099	CHR9:12755099	SSF x Far_LoA	-11,0821341	-0,020	0,304
CHR9	12755104	CHR9:12755104	SSF x Far_LoA	-7,87308726	-0,084	0,309
CHR9	12755141	CHR9:12755141	SSF x Far_LoA	-10,2736806	0,127	0,294
CHR9	12755166	CHR9:12755166	SSF x Far_LoA	-7,62944209	0,096	0,304
CHR9	12755192	CHR9:12755192	SSF x Far_LoA	-9,4734957	0,075	0,292
CHR9	12755275	CHR9:12755275	SSF x Far_LoA	-8,33089902	0,066	0,319
CHR9	12755337	CHR9:12755337	SSF x Far_LoA	-11,7815349	0,073	0,301
CHR9	12755338	CHR9:12755338	SSF x Far_LoA	-7,56999555	-0,059	0,317
CHR9	12759867	CHR9:12759867	SSF x Far_LoA	-3,74303926	-0,115	0,308
CHR9	1277632	CHR9:1277632	SSF x Far_LoA	-9,13381338	-0,085	0,311
CHR9	1277633	CHR9:1277633	SSF x Far_LoA	-11,1485747	-0,053	0,298
CHR9	1277656	CHR9:1277656	SSF x Far_LoA	-9,69929062	-0,043	0,292
CHR9	1277733	CHR9:1277733	SSF x Far_LoA	-7,04188624	-0,070	0,303
CHR9	12779092	CHR9:12779092	SSF x Far_LoA	-9,92152413	0,039	0,301
CHR9	12779200	CHR9:12779200	SSF x Far_LoA	-6,77945353	0,113	0,310
CHR9	12783206	CHR9:12783206	SSF x Far_LoA	-8,41460587	-0,088	0,300
CHR9	12791477	CHR9:12791477	SSF x Far_LoA	-11,6348022	-0,086	0,299
CHR9	12791487	CHR9:12791487	SSF x Far_LoA	-7,72465262	-0,125	0,305
CHR9	12791505	CHR9:12791505	SSF x Far_LoA	-8,63268721	-0,012	0,309
CHR9	12791524	CHR9:12791524	SSF x Far_LoA	-11,6804664	-0,019	0,313
CHR9	12791574	CHR9:12791574	SSF x Far_LoA	-7,26392618	-0,040	0,307
CHR9	12791617	CHR9:12791617	SSF x Far_LoA	-11,4852703	0,051	0,293
CHR9	12839833	CHR9:12839833	SSF x Far_LoA	-11,3546136	-0,038	0,315
CHR9	12841629	CHR9:12841629	SSF x Far_LoA	-3,94005521	0,137	0,312
CHR9	12841659	CHR9:12841659	SSF x Far_LoA	-7,30849306	0,113	0,309
CHR9	12841772	CHR9:12841772	SSF x Far_LoA	-10,2121524	-0,140	0,297
CHR9	12841802	CHR9:12841802	SSF x Far_LoA	-9,05264881	-0,122	0,296
CHR9	12841809	CHR9:12841809	SSF x Far_LoA	-8,81011996	0,079	0,303
CHR9	1284315	CHR9:1284315	SSF x Far_LoA	-9,82182588	-0,044	0,313
CHR9	1284430	CHR9:1284430	SSF x Far_LoA	-10,0831831	-0,053	0,310
CHR9	1284522	CHR9:1284522	SSF x Far_LoA	-10,732569	-0,014	0,302
CHR9	12857146	CHR9:12857146	SSF x Far_LoA	-8,83557012	0,111	0,308
CHR9	12867032	CHR9:12867032	SSF x Far_LoA	-9,89067787	-0,086	0,299

CHR9	12875815	CHR9:12875815	SSF x Far_LoA	-8,94688988	-0,033	0,312
CHR9	12875816	CHR9:12875816	SSF x Far_LoA	-9,77537931	-0,060	0,316
CHR9	12875828	CHR9:12875828	SSF x Far_LoA	-7,62097429	-0,022	0,299
CHR9	12875858	CHR9:12875858	SSF x Far_LoA	-5,52365025	0,220	0,293
CHR9	12875894	CHR9:12875894	SSF x Far_LoA	-6,24467331	0,209	0,297
CHR9	12875911	CHR9:12875911	SSF x Far_LoA	-8,34815696	0,149	0,293
CHR9	12875942	CHR9:12875942	SSF x Far_LoA	-6,7400029	-0,155	0,299
CHR9	12880765	CHR9:12880765	SSF x Far_LoA	-12,1276332	-0,037	0,283
CHR9	12883363	CHR9:12883363	SSF x Far_LoA	-8,50579951	-0,099	0,311
CHR9	12883378	CHR9:12883378	SSF x Far_LoA	-9,41307242	0,047	0,309
CHR9	12883531	CHR9:12883531	SSF x Far_LoA	-8,10403236	0,106	0,304
CHR9	12886354	CHR9:12886354	SSF x Far_LoA	-11,2405759	0,004	0,307
CHR9	12886508	CHR9:12886508	SSF x Far_LoA	-11,8843338	-0,001	0,306
CHR9	12893889	CHR9:12893889	SSF x Far_LoA	-7,45734611	-0,118	0,308
CHR9	1289862	CHR9:1289862	SSF x Far_LoA	-12,1095576	0,046	0,305
CHR9	1289874	CHR9:1289874	SSF x Far_LoA	-11,4873829	-0,025	0,303
CHR9	1289878	CHR9:1289878	SSF x Far_LoA	-11,9614072	0,016	0,299
CHR9	1289932	CHR9:1289932	SSF x Far_LoA	-2,95032577	-0,052	0,303
CHR9	1289964	CHR9:1289964	SSF x Far_LoA	-11,1319538	0,059	0,304
CHR9	1290035	CHR9:1290035	SSF x Far_LoA	-8,00429501	0,021	0,299
CHR9	1290043	CHR9:1290043	SSF x Far_LoA	-11,7237722	-0,007	0,301
CHR9	1290064	CHR9:1290064	SSF x Far_LoA	-10,9350073	0,017	0,301
CHR9	1290113	CHR9:1290113	SSF x Far_LoA	-3,41092357	0,008	0,305
CHR9	1290135	CHR9:1290135	SSF x Far_LoA	-8,62781585	-0,012	0,298
CHR9	12902140	CHR9:12902140	SSF x Far_LoA	-11,0343681	-0,060	0,315
CHR9	12902293	CHR9:12902293	SSF x Far_LoA	-9,69107821	-0,081	0,303
CHR9	12911651	CHR9:12911651	SSF x Far_LoA	-4,96220149	-0,191	0,299
CHR9	12911657	CHR9:12911657	SSF x Far_LoA	-5,76985383	-0,081	0,312
CHR9	12911698	CHR9:12911698	SSF x Far_LoA	-10,9721025	0,071	0,304
CHR9	12914934	CHR9:12914934	SSF x Far_LoA	-9,79265716	0,061	0,304
CHR9	12914983	CHR9:12914983	SSF x Far_LoA	-8,242134	-0,015	0,309
CHR9	12924827	CHR9:12924827	SSF x Far_LoA	-7,9497752	0,013	0,323
CHR9	12924882	CHR9:12924882	SSF x Far_LoA	-11,4044797	0,039	0,314
CHR9	12924883	CHR9:12924883	SSF x Far_LoA	-9,81814948	-0,075	0,314
CHR9	12924886	CHR9:12924886	SSF x Far_LoA	-8,4489805	-0,031	0,300
CHR9	12924896	CHR9:12924896	SSF x Far_LoA	-7,40637185	-0,082	0,295
CHR9	12924899	CHR9:12924899	SSF x Far_LoA	-11,9277453	0,043	0,307
CHR9	12928980	CHR9:12928980	SSF x Far_LoA	-7,81010718	-0,095	0,302
CHR9	12929012	CHR9:12929012	SSF x Far_LoA	-11,0479923	0,082	0,302
CHR9	12930461	CHR9:12930461	SSF x Far_LoA	-6,8426343	0,047	0,308
CHR9	12930581	CHR9:12930581	SSF x Far_LoA	-8,62922625	-0,033	0,316
CHR9	12931969	CHR9:12931969	SSF x Far_LoA	-10,2204168	-0,080	0,312
CHR9	12932014	CHR9:12932014	SSF x Far_LoA	-5,90698631	-0,062	0,304
CHR9	12938866	CHR9:12938866	SSF x Far_LoA	-9,67237548	-0,019	0,319
CHR9	12938899	CHR9:12938899	SSF x Far_LoA	-8,86774583	0,053	0,300
CHR9	12946159	CHR9:12946159	SSF x Far_LoA	-8,27172863	0,113	0,309
CHR9	12946315	CHR9:12946315	SSF x Far_LoA	-9,93702565	0,068	0,310
CHR9	12946356	CHR9:12946356	SSF x Far_LoA	-7,26131482	-0,020	0,310
CHR9	12946386	CHR9:12946386	SSF x Far_LoA	-9,82930686	0,029	0,320
CHR9	12957739	CHR9:12957739	SSF x Far_LoA	-8,26636881	-0,070	0,303
CHR9	12957761	CHR9:12957761	SSF x Far_LoA	-10,1918742	-0,083	0,309
CHR9	12957786	CHR9:12957786	SSF x Far_LoA	-9,04355427	0,003	0,305
CHR9	12958189	CHR9:12958189	SSF x Far_LoA	-9,16490285	-0,049	0,297

CHR9	12964581	CHR9:12964581	SSF x Far_LoA	-11,3766747	-0,024	0,299
CHR9	12964606	CHR9:12964606	SSF x Far_LoA	-9,40539484	-0,078	0,312
CHR9	12973928	CHR9:12973928	SSF x Far_LoA	-8,19793687	-0,084	0,310
CHR9	12990125	CHR9:12990125	SSF x Far_LoA	-7,24318385	0,020	0,304
CHR9	12990190	CHR9:12990190	SSF x Far_LoA	-7,81856935	-0,099	0,309
CHR9	12990338	CHR9:12990338	SSF x Far_LoA	-8,49691783	-0,028	0,312
CHR9	12990455	CHR9:12990455	SSF x Far_LoA	-8,70317378	-0,060	0,299
CHR9	13000862	CHR9:13000862	SSF x Far_LoA	-10,7104413	-0,026	0,308
CHR9	13000914	CHR9:13000914	SSF x Far_LoA	-9,07313022	-0,031	0,311
CHR9	13011053	CHR9:13011053	SSF x Far_LoA	-9,54581519	-0,042	0,292
CHR9	13028483	CHR9:13028483	SSF x Far_LoA	-10,3592863	-0,079	0,298
CHR9	13031655	CHR9:13031655	SSF x Far_LoA	-6,96593668	0,095	0,309
CHR9	13051955	CHR9:13051955	SSF x Far_LoA	-7,90160967	0,215	0,290
CHR9	13051972	CHR9:13051972	SSF x Far_LoA	-6,04391918	0,205	0,291
CHR9	13051975	CHR9:13051975	SSF x Far_LoA	-8,1906796	0,202	0,286
CHR9	13051980	CHR9:13051980	SSF x Far_LoA	-7,50877191	0,161	0,288
CHR9	13062738	CHR9:13062738	SSF x Far_LoA	-0,14795111	-0,060	0,312
CHR9	13062800	CHR9:13062800	SSF x Far_LoA	-10,9568603	-0,048	0,317
CHR9	13062839	CHR9:13062839	SSF x Far_LoA	-7,98068871	-0,059	0,305
CHR9	13066410	CHR9:13066410	SSF x Far_LoA	-11,1825605	0,076	0,311
CHR9	13066423	CHR9:13066423	SSF x Far_LoA	-11,3386031	-0,034	0,321
CHR9	13066430	CHR9:13066430	SSF x Far_LoA	-9,37908006	-0,002	0,313
CHR9	13068476	CHR9:13068476	SSF x Far_LoA	-6,84567718	-0,003	0,320
CHR9	13081525	CHR9:13081525	SSF x Far_LoA	-8,16383762	0,068	0,307
CHR9	13081577	CHR9:13081577	SSF x Far_LoA	-7,84043314	0,173	0,290
CHR9	13081581	CHR9:13081581	SSF x Far_LoA	-8,35840134	-0,015	0,304
CHR9	13081589	CHR9:13081589	SSF x Far_LoA	-4,1895767	0,045	0,302
CHR9	13081591	CHR9:13081591	SSF x Far_LoA	-9,19252343	-0,057	0,314
CHR9	13081606	CHR9:13081606	SSF x Far_LoA	-7,74210911	-0,016	0,304
CHR9	13081647	CHR9:13081647	SSF x Far_LoA	-10,3038501	0,118	0,304
CHR9	13081717	CHR9:13081717	SSF x Far_LoA	-11,8479206	0,042	0,314
CHR9	13085203	CHR9:13085203	SSF x Far_LoA	-12,1340448	-0,009	0,305
CHR9	13085223	CHR9:13085223	SSF x Far_LoA	-11,0320324	-0,092	0,307
CHR9	13085227	CHR9:13085227	SSF x Far_LoA	-8,56256373	0,001	0,308
CHR9	13085252	CHR9:13085252	SSF x Far_LoA	-11,5415913	-0,094	0,289
CHR9	13085257	CHR9:13085257	SSF x Far_LoA	-9,01455927	-0,055	0,313
CHR9	13085259	CHR9:13085259	SSF x Far_LoA	-6,08121117	-0,059	0,319
CHR9	13085266	CHR9:13085266	SSF x Far_LoA	-8,36829809	-0,102	0,314
CHR9	13085294	CHR9:13085294	SSF x Far_LoA	-11,1055818	-0,073	0,301
CHR9	13086685	CHR9:13086685	SSF x Far_LoA	-8,82489314	0,016	0,309
CHR9	13086689	CHR9:13086689	SSF x Far_LoA	-8,55754976	0,084	0,299
CHR9	13086713	CHR9:13086713	SSF x Far_LoA	-5,38364582	0,103	0,306
CHR9	13086724	CHR9:13086724	SSF x Far_LoA	-7,18982239	0,127	0,308
CHR9	13096448	CHR9:13096448	SSF x Far_LoA	-8,31891505	-0,029	0,305
CHR9	13096474	CHR9:13096474	SSF x Far_LoA	-9,36423479	-0,036	0,310
CHR9	13096502	CHR9:13096502	SSF x Far_LoA	-9,07493542	-0,032	0,316
CHR9	13096507	CHR9:13096507	SSF x Far_LoA	-10,5375206	-0,042	0,307
CHR9	13096508	CHR9:13096508	SSF x Far_LoA	-9,7596234	-0,057	0,307
CHR9	13096510	CHR9:13096510	SSF x Far_LoA	-8,23576244	0,025	0,314
CHR9	13098159	CHR9:13098159	SSF x Far_LoA	-10,3136925	-0,033	0,311
CHR9	13108504	CHR9:13108504	SSF x Far_LoA	-11,3795744	0,041	0,315
CHR9	13108727	CHR9:13108727	SSF x Far_LoA	-10,2310586	-0,026	0,307
CHR9	13108830	CHR9:13108830	SSF x Far_LoA	-8,52725305	0,073	0,295

CHR9	13118909	CHR9:13118909	SSF x Far_LoA	-9,93903706	-0,018	0,298
CHR9	13119149	CHR9:13119149	SSF x Far_LoA	-6,79657389	-0,106	0,299
CHR9	13119177	CHR9:13119177	SSF x Far_LoA	-9,08056196	-0,013	0,312
CHR9	13124970	CHR9:13124970	SSF x Far_LoA	-7,63612476	-0,069	0,314
CHR9	13124974	CHR9:13124974	SSF x Far_LoA	-7,97884033	0,069	0,325
CHR9	13125026	CHR9:13125026	SSF x Far_LoA	-9,39191259	-0,053	0,310
CHR9	13125034	CHR9:13125034	SSF x Far_LoA	-11,8775401	-0,003	0,310
CHR9	13125052	CHR9:13125052	SSF x Far_LoA	-7,50615968	0,078	0,302
CHR9	13125061	CHR9:13125061	SSF x Far_LoA	-10,1201553	0,017	0,303
CHR9	13129723	CHR9:13129723	SSF x Far_LoA	-4,23710305	0,048	0,323
CHR9	13129787	CHR9:13129787	SSF x Far_LoA	-8,56779118	-0,035	0,296
CHR9	13129802	CHR9:13129802	SSF x Far_LoA	-8,91794693	-0,035	0,302
CHR9	13129838	CHR9:13129838	SSF x Far_LoA	-10,5670818	0,003	0,313
CHR9	13129876	CHR9:13129876	SSF x Far_LoA	-9,72498136	0,051	0,320
CHR9	1313694	CHR9:1313694	SSF x Far_LoA	-8,38065046	-0,073	0,318
CHR9	1313732	CHR9:1313732	SSF x Far_LoA	-12,2851638	0,024	0,285
CHR9	1313754	CHR9:1313754	SSF x Far_LoA	-6,96986841	0,084	0,311
CHR9	1313776	CHR9:1313776	SSF x Far_LoA	-10,8365834	0,028	0,327
CHR9	13142294	CHR9:13142294	SSF x Far_LoA	-10,8576718	-0,099	0,293
CHR9	13142558	CHR9:13142558	SSF x Far_LoA	-8,35422244	0,048	0,301
CHR9	13142579	CHR9:13142579	SSF x Far_LoA	-11,7080989	-0,095	0,290
CHR9	13142601	CHR9:13142601	SSF x Far_LoA	-9,00193953	0,074	0,283
CHR9	13142638	CHR9:13142638	SSF x Far_LoA	-10,0637628	0,017	0,301
CHR9	13152348	CHR9:13152348	SSF x Far_LoA	-11,3152159	-0,065	0,285
CHR9	13152397	CHR9:13152397	SSF x Far_LoA	-7,26617773	0,146	0,300
CHR9	13152422	CHR9:13152422	SSF x Far_LoA	-10,1308981	-0,035	0,306
CHR9	13152428	CHR9:13152428	SSF x Far_LoA	-4,52947539	0,039	0,303
CHR9	13152447	CHR9:13152447	SSF x Far_LoA	-11,3757039	-0,069	0,319
CHR9	13152448	CHR9:13152448	SSF x Far_LoA	-10,069555	0,030	0,295
CHR9	13152453	CHR9:13152453	SSF x Far_LoA	-9,84171643	0,049	0,301
CHR9	13152457	CHR9:13152457	SSF x Far_LoA	-9,37347853	0,082	0,313
CHR9	13152465	CHR9:13152465	SSF x Far_LoA	-8,74985743	-0,158	0,290
CHR9	13152472	CHR9:13152472	SSF x Far_LoA	-8,69374991	-0,143	0,290
CHR9	13152484	CHR9:13152484	SSF x Far_LoA	-9,09879387	0,044	0,303
CHR9	13152537	CHR9:13152537	SSF x Far_LoA	-10,9490746	-0,067	0,307
CHR9	13152575	CHR9:13152575	SSF x Far_LoA	-10,1384538	0,120	0,293
CHR9	13152579	CHR9:13152579	SSF x Far_LoA	-8,8447408	0,085	0,305
CHR9	13152641	CHR9:13152641	SSF x Far_LoA	-10,9656391	-0,057	0,293
CHR9	13152650	CHR9:13152650	SSF x Far_LoA	-9,20254055	-0,170	0,301
CHR9	13152719	CHR9:13152719	SSF x Far_LoA	-7,65668611	-0,162	0,304
CHR9	1316124	CHR9:1316124	SSF x Far_LoA	-3,25582569	-0,147	0,314
CHR9	13164932	CHR9:13164932	SSF x Far_LoA	-11,6763146	-0,047	0,306
CHR9	13165008	CHR9:13165008	SSF x Far_LoA	-10,7347354	-0,016	0,306
CHR9	13165022	CHR9:13165022	SSF x Far_LoA	-9,75579733	0,057	0,316
CHR9	13165054	CHR9:13165054	SSF x Far_LoA	-8,69910442	-0,075	0,302
CHR9	13166862	CHR9:13166862	SSF x Far_LoA	-8,19734444	0,023	0,316
CHR9	13179156	CHR9:13179156	SSF x Far_LoA	-11,4628112	-0,031	0,308
CHR9	13179272	CHR9:13179272	SSF x Far_LoA	-10,6222419	-0,035	0,306
CHR9	13179323	CHR9:13179323	SSF x Far_LoA	-9,11602971	0,095	0,298
CHR9	13179331	CHR9:13179331	SSF x Far_LoA	-7,33160779	-0,136	0,300
CHR9	13179379	CHR9:13179379	SSF x Far_LoA	-8,62410819	-0,055	0,304
CHR9	13179400	CHR9:13179400	SSF x Far_LoA	-7,90767509	-0,115	0,293
CHR9	13188386	CHR9:13188386	SSF x Far_LoA	-8,83148517	-0,120	0,305

CHR9	13188404	CHR9:13188404	SSF x Far_LoA	-6,52703048	0,142	0,299
CHR9	13188512	CHR9:13188512	SSF x Far_LoA	-5,57847695	-0,157	0,296
CHR9	13193237	CHR9:13193237	SSF x Far_LoA	-11,5929713	-0,066	0,317
CHR9	13193255	CHR9:13193255	SSF x Far_LoA	-10,6761266	-0,036	0,323
CHR9	13195894	CHR9:13195894	SSF x Far_LoA	-11,5470501	0,026	0,301
CHR9	13197270	CHR9:13197270	SSF x Far_LoA	-11,4525474	0,016	0,303
CHR9	13206144	CHR9:13206144	SSF x Far_LoA	-8,91349497	-0,017	0,301
CHR9	13206148	CHR9:13206148	SSF x Far_LoA	-9,12259765	-0,111	0,307
CHR9	13206167	CHR9:13206167	SSF x Far_LoA	-9,17312781	-0,024	0,317
CHR9	13206195	CHR9:13206195	SSF x Far_LoA	-8,59039953	-0,028	0,316
CHR9	13206206	CHR9:13206206	SSF x Far_LoA	-5,54812338	0,172	0,295
CHR9	13206211	CHR9:13206211	SSF x Far_LoA	-10,4321656	-0,051	0,301
CHR9	13206240	CHR9:13206240	SSF x Far_LoA	-9,24442375	-0,037	0,304
CHR9	13206243	CHR9:13206243	SSF x Far_LoA	-8,8156803	-0,036	0,316
CHR9	13206332	CHR9:13206332	SSF x Far_LoA	-10,6353364	-0,072	0,304
CHR9	13208944	CHR9:13208944	SSF x Far_LoA	-8,25062116	-0,087	0,302
CHR9	13208948	CHR9:13208948	SSF x Far_LoA	-8,44603499	-0,089	0,296
CHR9	13208951	CHR9:13208951	SSF x Far_LoA	-8,74732759	-0,062	0,305
CHR9	13208981	CHR9:13208981	SSF x Far_LoA	-8,9683321	-0,043	0,302
CHR9	13209027	CHR9:13209027	SSF x Far_LoA	-9,24774708	0,069	0,300
CHR9	13209028	CHR9:13209028	SSF x Far_LoA	-8,65397061	0,030	0,295
CHR9	13211471	CHR9:13211471	SSF x Far_LoA	-9,32387184	-0,086	0,319
CHR9	13212008	CHR9:13212008	SSF x Far_LoA	-10,9849347	-0,032	0,303
CHR9	13216162	CHR9:13216162	SSF x Far_LoA	-6,11090029	0,114	0,298
CHR9	13216233	CHR9:13216233	SSF x Far_LoA	-8,29102238	-0,027	0,325
CHR9	13231385	CHR9:13231385	SSF x Far_LoA	-8,31633854	-0,073	0,311
CHR9	13231405	CHR9:13231405	SSF x Far_LoA	-7,43921687	0,183	0,307
CHR9	13231457	CHR9:13231457	SSF x Far_LoA	-8,73940529	-0,063	0,300
CHR9	13231505	CHR9:13231505	SSF x Far_LoA	-9,75858487	0,095	0,295
CHR9	13238180	CHR9:13238180	SSF x Far_LoA	-10,520687	0,026	0,323
CHR9	13238348	CHR9:13238348	SSF x Far_LoA	-11,0556137	0,028	0,310
CHR9	13238349	CHR9:13238349	SSF x Far_LoA	-3,1221217	-0,085	0,316
CHR9	13238385	CHR9:13238385	SSF x Far_LoA	-8,22019334	-0,039	0,314
CHR9	13238484	CHR9:13238484	SSF x Far_LoA	-9,79576377	-0,013	0,294
CHR9	13241118	CHR9:13241118	SSF x Far_LoA	-9,75219943	0,026	0,294
CHR9	13241120	CHR9:13241120	SSF x Far_LoA	-10,1342393	0,007	0,309
CHR9	13241127	CHR9:13241127	SSF x Far_LoA	-9,41320174	-0,008	0,314
CHR9	13241141	CHR9:13241141	SSF x Far_LoA	-9,70480077	0,012	0,305
CHR9	13241177	CHR9:13241177	SSF x Far_LoA	-7,52644055	0,101	0,305
CHR9	13241179	CHR9:13241179	SSF x Far_LoA	-9,2358978	0,089	0,299
CHR9	13241195	CHR9:13241195	SSF x Far_LoA	-8,63041808	0,102	0,297
CHR9	13241214	CHR9:13241214	SSF x Far_LoA	-8,99380475	-0,051	0,307
CHR9	13241228	CHR9:13241228	SSF x Far_LoA	-10,0885749	-0,044	0,316
CHR9	13241264	CHR9:13241264	SSF x Far_LoA	-11,1964925	-0,042	0,300
CHR9	13249442	CHR9:13249442	SSF x Far_LoA	-9,17950785	-0,052	0,305
CHR9	13259538	CHR9:13259538	SSF x Far_LoA	-6,4686355	-0,154	0,306
CHR9	13259723	CHR9:13259723	SSF x Far_LoA	-9,2957084	-0,029	0,316
CHR9	13265363	CHR9:13265363	SSF x Far_LoA	-8,32763042	-0,030	0,301
CHR9	13265421	CHR9:13265421	SSF x Far_LoA	-10,7635544	0,019	0,301
CHR9	13265424	CHR9:13265424	SSF x Far_LoA	-10,8559645	0,072	0,300
CHR9	13265437	CHR9:13265437	SSF x Far_LoA	-7,93920287	-0,104	0,323
CHR9	13265444	CHR9:13265444	SSF x Far_LoA	-9,99058964	-0,027	0,295
CHR9	13267771	CHR9:13267771	SSF x Far_LoA	-10,1351456	0,069	0,304

CHR9	13267783	CHR9:13267783	SSF x Far_LoA	-10,7270063	0,041	0,311
CHR9	13267869	CHR9:13267869	SSF x Far_LoA	-9,3924315	0,086	0,287
CHR9	13268006	CHR9:13268006	SSF x Far_LoA	-10,0094264	0,009	0,298
CHR9	13268043	CHR9:13268043	SSF x Far_LoA	-8,44781966	-0,008	0,314
CHR9	1326893	CHR9:1326893	SSF x Far_LoA	-11,4010018	-0,046	0,302
CHR9	13272141	CHR9:13272141	SSF x Far_LoA	-10,9062246	-0,065	0,295
CHR9	13272144	CHR9:13272144	SSF x Far_LoA	-11,2351595	0,047	0,306
CHR9	13272226	CHR9:13272226	SSF x Far_LoA	-10,5841624	0,053	0,317
CHR9	13272273	CHR9:13272273	SSF x Far_LoA	-5,78548663	0,201	0,294
CHR9	13272297	CHR9:13272297	SSF x Far_LoA	-6,85506094	0,124	0,299
CHR9	13275482	CHR9:13275482	SSF x Far_LoA	-12,028362	-0,006	0,312
CHR9	13275696	CHR9:13275696	SSF x Far_LoA	-7,99968367	0,059	0,304
CHR9	13277719	CHR9:13277719	SSF x Far_LoA	-8,87059147	-0,029	0,296
CHR9	13277737	CHR9:13277737	SSF x Far_LoA	-8,65449629	-0,044	0,294
CHR9	13277741	CHR9:13277741	SSF x Far_LoA	-4,92530542	0,000	0,306
CHR9	13277759	CHR9:13277759	SSF x Far_LoA	-9,05811772	0,066	0,299
CHR9	13277763	CHR9:13277763	SSF x Far_LoA	-8,05168236	0,056	0,311
CHR9	13277806	CHR9:13277806	SSF x Far_LoA	-10,444352	0,066	0,312
CHR9	13277816	CHR9:13277816	SSF x Far_LoA	-8,46778363	-0,016	0,313
CHR9	13277859	CHR9:13277859	SSF x Far_LoA	-10,1841767	0,030	0,287
CHR9	13277860	CHR9:13277860	SSF x Far_LoA	-7,37530769	-0,049	0,299
CHR9	13288676	CHR9:13288676	SSF x Far_LoA	-10,9440942	0,068	0,306
CHR9	13288719	CHR9:13288719	SSF x Far_LoA	-12,1601948	-0,010	0,302
CHR9	13288738	CHR9:13288738	SSF x Far_LoA	-11,1607241	-0,036	0,303
CHR9	13288747	CHR9:13288747	SSF x Far_LoA	-10,4184962	0,071	0,312
CHR9	13288817	CHR9:13288817	SSF x Far_LoA	-9,83703064	-0,123	0,309
CHR9	13288860	CHR9:13288860	SSF x Far_LoA	-10,5282187	0,019	0,314
CHR9	1328924	CHR9:1328924	SSF x Far_LoA	-11,1652901	-0,088	0,300
CHR9	1328925	CHR9:1328925	SSF x Far_LoA	1,19525236	-0,174	0,308
CHR9	1328950	CHR9:1328950	SSF x Far_LoA	-3,00507541	-0,060	0,317
CHR9	1328973	CHR9:1328973	SSF x Far_LoA	-9,86093262	0,060	0,308
CHR9	1329013	CHR9:1329013	SSF x Far_LoA	-10,0026695	0,093	0,306
CHR9	13297610	CHR9:13297610	SSF x Far_LoA	-11,4901286	0,041	0,307
CHR9	13297614	CHR9:13297614	SSF x Far_LoA	-11,1703206	0,006	0,300
CHR9	13297658	CHR9:13297658	SSF x Far_LoA	-9,20510695	0,023	0,308
CHR9	13297687	CHR9:13297687	SSF x Far_LoA	-7,43921816	0,092	0,310
CHR9	13297724	CHR9:13297724	SSF x Far_LoA	-9,97866689	0,029	0,310
CHR9	13297733	CHR9:13297733	SSF x Far_LoA	-9,20728768	0,067	0,302
CHR9	13308226	CHR9:13308226	SSF x Far_LoA	-9,93501703	-0,016	0,288
CHR9	13308598	CHR9:13308598	SSF x Far_LoA	-8,27163735	0,021	0,316
CHR9	13308600	CHR9:13308600	SSF x Far_LoA	-9,53373707	0,034	0,311
CHR9	13308624	CHR9:13308624	SSF x Far_LoA	-5,59964884	-0,161	0,312
CHR9	13311057	CHR9:13311057	SSF x Far_LoA	-10,5902389	0,083	0,299
CHR9	13311133	CHR9:13311133	SSF x Far_LoA	-6,73462674	0,023	0,304
CHR9	13317533	CHR9:13317533	SSF x Far_LoA	-2,01729157	-0,137	0,308
CHR9	13317621	CHR9:13317621	SSF x Far_LoA	-10,4271913	-0,040	0,313
CHR9	13317623	CHR9:13317623	SSF x Far_LoA	-8,63654954	-0,090	0,312
CHR9	1332103	CHR9:1332103	SSF x Far_LoA	-11,4785038	0,034	0,295
CHR9	13343752	CHR9:13343752	SSF x Far_LoA	-8,88363473	-0,150	0,314
CHR9	13343754	CHR9:13343754	SSF x Far_LoA	-0,0507093	-0,235	0,291
CHR9	13353472	CHR9:13353472	SSF x Far_LoA	-4,82630571	-0,185	0,296
CHR9	13353520	CHR9:13353520	SSF x Far_LoA	-1,78227214	0,119	0,298
CHR9	13353539	CHR9:13353539	SSF x Far_LoA	-0,29152009	0,084	0,306

CHR9	13366274	CHR9:13366274	SSF x Far_LoA	-10,5496598	-0,111	0,304
CHR9	13366308	CHR9:13366308	SSF x Far_LoA	-9,65353069	0,096	0,316
CHR9	13366323	CHR9:13366323	SSF x Far_LoA	-10,1614384	0,032	0,324
CHR9	13366509	CHR9:13366509	SSF x Far_LoA	-9,4260669	-0,154	0,310
CHR9	13366557	CHR9:13366557	SSF x Far_LoA	-8,76663397	-0,105	0,307
CHR9	13367416	CHR9:13367416	SSF x Far_LoA	-9,41679554	0,076	0,311
CHR9	13371164	CHR9:13371164	SSF x Far_LoA	-7,79191994	-0,182	0,290
CHR9	13399980	CHR9:13399980	SSF x Far_LoA	-8,35205995	0,127	0,308
CHR9	13400031	CHR9:13400031	SSF x Far_LoA	-9,04418354	-0,070	0,302
CHR9	13400092	CHR9:13400092	SSF x Far_LoA	-9,29728164	0,004	0,300
CHR9	13402663	CHR9:13402663	SSF x Far_LoA	-9,33833474	-0,099	0,309
CHR9	13402799	CHR9:13402799	SSF x Far_LoA	-8,93645191	-0,119	0,301
CHR9	13404856	CHR9:13404856	SSF x Far_LoA	-8,3759817	-0,059	0,322
CHR9	13404864	CHR9:13404864	SSF x Far_LoA	-11,1542888	-0,018	0,311
CHR9	13404865	CHR9:13404865	SSF x Far_LoA	-7,05037729	-0,003	0,307
CHR9	13404898	CHR9:13404898	SSF x Far_LoA	-9,13576759	-0,054	0,310
CHR9	13404922	CHR9:13404922	SSF x Far_LoA	-9,34014506	0,066	0,303
CHR9	13404940	CHR9:13404940	SSF x Far_LoA	-10,202953	-0,011	0,317
CHR9	13405896	CHR9:13405896	SSF x Far_LoA	-6,82763901	0,019	0,311
CHR9	13412623	CHR9:13412623	SSF x Far_LoA	-8,87847925	-0,071	0,309
CHR9	1342359	CHR9:1342359	SSF x Far_LoA	-10,1796191	0,020	0,309
CHR9	1342436	CHR9:1342436	SSF x Far_LoA	-11,486143	0,011	0,300
CHR9	1342723	CHR9:1342723	SSF x Far_LoA	-11,3864104	-0,052	0,307
CHR9	13430988	CHR9:13430988	SSF x Far_LoA	-9,17571876	-0,109	0,311
CHR9	13431097	CHR9:13431097	SSF x Far_LoA	-8,01578345	-0,050	0,314
CHR9	13432630	CHR9:13432630	SSF x Far_LoA	-9,19178855	-0,065	0,314
CHR9	13443038	CHR9:13443038	SSF x Far_LoA	-10,3310437	0,019	0,284
CHR9	13443039	CHR9:13443039	SSF x Far_LoA	-9,30097328	0,023	0,313
CHR9	13443048	CHR9:13443048	SSF x Far_LoA	-9,25035048	-0,005	0,318
CHR9	13443068	CHR9:13443068	SSF x Far_LoA	-11,0281867	-0,039	0,283
CHR9	13443083	CHR9:13443083	SSF x Far_LoA	-8,56735979	0,018	0,294
CHR9	13443151	CHR9:13443151	SSF x Far_LoA	-6,9924446	-0,046	0,301
CHR9	13443173	CHR9:13443173	SSF x Far_LoA	-9,5546226	-0,063	0,311
CHR9	13445883	CHR9:13445883	SSF x Far_LoA	-9,28632432	-0,041	0,308
CHR9	13445884	CHR9:13445884	SSF x Far_LoA	-11,8532944	0,010	0,313
CHR9	13445949	CHR9:13445949	SSF x Far_LoA	-10,6125496	0,026	0,315
CHR9	13445983	CHR9:13445983	SSF x Far_LoA	-7,29605496	0,149	0,301
CHR9	13464875	CHR9:13464875	SSF x Far_LoA	-8,35882918	0,071	0,310
CHR9	1346639	CHR9:1346639	SSF x Far_LoA	-10,3354462	-0,073	0,307
CHR9	1346668	CHR9:1346668	SSF x Far_LoA	-10,061109	-0,099	0,310
CHR9	13473728	CHR9:13473728	SSF x Far_LoA	-8,21941045	-0,077	0,304
CHR9	13475629	CHR9:13475629	SSF x Far_LoA	-9,34824425	-0,099	0,310
CHR9	13475746	CHR9:13475746	SSF x Far_LoA	-10,4024773	-0,097	0,308
CHR9	13475785	CHR9:13475785	SSF x Far_LoA	-8,94364745	-0,056	0,315
CHR9	13476479	CHR9:13476479	SSF x Far_LoA	-8,19825586	0,047	0,304
CHR9	13484588	CHR9:13484588	SSF x Far_LoA	-11,9206221	-0,051	0,303
CHR9	13484596	CHR9:13484596	SSF x Far_LoA	-7,59986933	0,026	0,312
CHR9	13484666	CHR9:13484666	SSF x Far_LoA	-5,46173125	0,049	0,314
CHR9	13484740	CHR9:13484740	SSF x Far_LoA	-8,06514046	0,096	0,316
CHR9	13484749	CHR9:13484749	SSF x Far_LoA	-9,69341581	0,064	0,304
CHR9	13484755	CHR9:13484755	SSF x Far_LoA	-8,35824845	0,061	0,302
CHR9	13484778	CHR9:13484778	SSF x Far_LoA	-9,39900249	-0,074	0,303
CHR9	13490435	CHR9:13490435	SSF x Far_LoA	-5,00085981	0,059	0,300

CHR9	13490533	CHR9:13490533	SSF x Far_LoA	-9,19818671	0,057	0,306
CHR9	13491484	CHR9:13491484	SSF x Far_LoA	-7,12597046	0,064	0,308
CHR9	13491578	CHR9:13491578	SSF x Far_LoA	-7,86368287	0,081	0,295
CHR9	13491625	CHR9:13491625	SSF x Far_LoA	-11,1755873	0,031	0,297
CHR9	13495796	CHR9:13495796	SSF x Far_LoA	-7,88156711	0,131	0,288
CHR9	13495885	CHR9:13495885	SSF x Far_LoA	-9,36103742	0,089	0,287
CHR9	13499735	CHR9:13499735	SSF x Far_LoA	-8,01177516	0,122	0,307
CHR9	13499767	CHR9:13499767	SSF x Far_LoA	-10,2081828	0,058	0,316
CHR9	13499775	CHR9:13499775	SSF x Far_LoA	-9,90256989	0,077	0,290
CHR9	13499829	CHR9:13499829	SSF x Far_LoA	-10,5899831	0,065	0,306
CHR9	1350308	CHR9:1350308	SSF x Far_LoA	-10,3164579	0,011	0,314
CHR9	1350435	CHR9:1350435	SSF x Far_LoA	-6,96449717	-0,047	0,303
CHR9	1350524	CHR9:1350524	SSF x Far_LoA	-8,86141814	-0,061	0,326
CHR9	1350570	CHR9:1350570	SSF x Far_LoA	-9,37006711	-0,040	0,302
CHR9	13513079	CHR9:13513079	SSF x Far_LoA	-11,4674907	0,037	0,306
CHR9	13513124	CHR9:13513124	SSF x Far_LoA	-7,80226414	-0,118	0,295
CHR9	13513138	CHR9:13513138	SSF x Far_LoA	-1,87832209	-0,204	0,302
CHR9	13513145	CHR9:13513145	SSF x Far_LoA	-11,3094867	-0,070	0,302
CHR9	13513158	CHR9:13513158	SSF x Far_LoA	-6,97657874	-0,138	0,306
CHR9	13514115	CHR9:13514115	SSF x Far_LoA	-7,78747646	-0,022	0,301
CHR9	13514182	CHR9:13514182	SSF x Far_LoA	-9,16969451	0,091	0,293
CHR9	13514202	CHR9:13514202	SSF x Far_LoA	-9,81177559	0,038	0,297
CHR9	13514211	CHR9:13514211	SSF x Far_LoA	-10,9563451	-0,018	0,320
CHR9	13514214	CHR9:13514214	SSF x Far_LoA	-5,46008859	0,055	0,320
CHR9	13514230	CHR9:13514230	SSF x Far_LoA	-10,4607733	0,006	0,300
CHR9	13514303	CHR9:13514303	SSF x Far_LoA	-8,5099198	-0,079	0,302
CHR9	13515985	CHR9:13515985	SSF x Far_LoA	-8,04975924	0,066	0,317
CHR9	13516122	CHR9:13516122	SSF x Far_LoA	-7,77220259	-0,103	0,304
CHR9	13516174	CHR9:13516174	SSF x Far_LoA	-7,63530799	0,147	0,307
CHR9	1351770	CHR9:1351770	SSF x Far_LoA	-9,22354868	0,066	0,303
CHR9	1351845	CHR9:1351845	SSF x Far_LoA	-8,11840479	-0,123	0,297
CHR9	13521090	CHR9:13521090	SSF x Far_LoA	-4,77639784	0,183	0,293
CHR9	13521120	CHR9:13521120	SSF x Far_LoA	-6,75769437	-0,048	0,295
CHR9	13521135	CHR9:13521135	SSF x Far_LoA	-4,89524134	-0,151	0,296
CHR9	13521175	CHR9:13521175	SSF x Far_LoA	-9,63008988	0,103	0,306
CHR9	13521181	CHR9:13521181	SSF x Far_LoA	-10,4599346	0,073	0,312
CHR9	13525474	CHR9:13525474	SSF x Far_LoA	-10,9051678	0,030	0,304
CHR9	13525540	CHR9:13525540	SSF x Far_LoA	-8,89598196	0,121	0,307
CHR9	13525572	CHR9:13525572	SSF x Far_LoA	-9,93550537	0,090	0,302
CHR9	13525590	CHR9:13525590	SSF x Far_LoA	-8,92611101	-0,037	0,312
CHR9	13538826	CHR9:13538826	SSF x Far_LoA	-10,2891565	0,028	0,320
CHR9	13538865	CHR9:13538865	SSF x Far_LoA	-11,6071573	0,038	0,300
CHR9	13538868	CHR9:13538868	SSF x Far_LoA	-8,49853008	-0,058	0,311
CHR9	13538963	CHR9:13538963	SSF x Far_LoA	-8,06935798	-0,046	0,300
CHR9	13538973	CHR9:13538973	SSF x Far_LoA	-10,1963583	-0,010	0,314
CHR9	13539000	CHR9:13539000	SSF x Far_LoA	-8,50501903	-0,112	0,304
CHR9	13539011	CHR9:13539011	SSF x Far_LoA	-10,777869	0,089	0,317
CHR9	13539022	CHR9:13539022	SSF x Far_LoA	-9,57430842	-0,014	0,302
CHR9	13539030	CHR9:13539030	SSF x Far_LoA	-9,88743642	-0,008	0,290
CHR9	1353998	CHR9:1353998	SSF x Far_LoA	-8,33979382	-0,091	0,310
CHR9	13563456	CHR9:13563456	SSF x Far_LoA	-9,51014472	0,117	0,300
CHR9	13563460	CHR9:13563460	SSF x Far_LoA	-9,62554938	0,082	0,309
CHR9	13563466	CHR9:13563466	SSF x Far_LoA	-7,00229725	-0,150	0,317

CHR9	13563483	CHR9:13563483	SSF x Far_LoA	-9,81178008	0,033	0,307
CHR9	13589181	CHR9:13589181	SSF x Far_LoA	-7,98817076	0,076	0,300
CHR9	13589184	CHR9:13589184	SSF x Far_LoA	-9,67181607	-0,049	0,310
CHR9	13589212	CHR9:13589212	SSF x Far_LoA	-8,61733251	-0,116	0,303
CHR9	13589257	CHR9:13589257	SSF x Far_LoA	-7,73827585	-0,088	0,313
CHR9	13589278	CHR9:13589278	SSF x Far_LoA	-5,62151708	0,161	0,290
CHR9	13589416	CHR9:13589416	SSF x Far_LoA	-1,0278473	0,265	0,284
CHR9	13606867	CHR9:13606867	SSF x Far_LoA	-9,72350631	0,041	0,307
CHR9	13606990	CHR9:13606990	SSF x Far_LoA	-11,7962034	-0,004	0,312
CHR9	13607243	CHR9:13607243	SSF x Far_LoA	-10,9483339	0,039	0,311
CHR9	13622459	CHR9:13622459	SSF x Far_LoA	-10,1843325	-0,043	0,299
CHR9	13622573	CHR9:13622573	SSF x Far_LoA	-10,2231868	-0,031	0,308
CHR9	1362473	CHR9:1362473	SSF x Far_LoA	-8,45506395	0,074	0,294
CHR9	13629448	CHR9:13629448	SSF x Far_LoA	-7,94117273	0,189	0,291
CHR9	13629497	CHR9:13629497	SSF x Far_LoA	-6,87993921	-0,172	0,298
CHR9	13629516	CHR9:13629516	SSF x Far_LoA	-6,17676036	-0,161	0,295
CHR9	13629531	CHR9:13629531	SSF x Far_LoA	8,99766202	-0,159	0,292
CHR9	13629535	CHR9:13629535	SSF x Far_LoA	-9,03532592	-0,027	0,286
CHR9	13633608	CHR9:13633608	SSF x Far_LoA	-8,67187221	0,111	0,301
CHR9	13633628	CHR9:13633628	SSF x Far_LoA	-11,3094918	0,054	0,306
CHR9	13633629	CHR9:13633629	SSF x Far_LoA	-7,30991515	0,054	0,310
CHR9	13633630	CHR9:13633630	SSF x Far_LoA	-11,8524097	0,002	0,305
CHR9	13662034	CHR9:13662034	SSF x Far_LoA	-9,83563339	0,023	0,306
CHR9	13662124	CHR9:13662124	SSF x Far_LoA	-9,28229842	0,066	0,298
CHR9	13662173	CHR9:13662173	SSF x Far_LoA	-7,95980911	0,153	0,305
CHR9	13662273	CHR9:13662273	SSF x Far_LoA	-8,52813985	-0,081	0,302
CHR9	13666871	CHR9:13666871	SSF x Far_LoA	-2,50659425	-0,121	0,303
CHR9	13666889	CHR9:13666889	SSF x Far_LoA	-10,653323	-0,034	0,308
CHR9	13666943	CHR9:13666943	SSF x Far_LoA	-6,13658257	-0,081	0,312
CHR9	13668134	CHR9:13668134	SSF x Far_LoA	-9,75173921	-0,067	0,310
CHR9	13668164	CHR9:13668164	SSF x Far_LoA	-9,871075	-0,011	0,306
CHR9	13668315	CHR9:13668315	SSF x Far_LoA	-7,90803359	-0,062	0,313
CHR9	1368463	CHR9:1368463	SSF x Far_LoA	-9,35064606	-0,034	0,306
CHR9	13686275	CHR9:13686275	SSF x Far_LoA	-9,03883841	0,038	0,321
CHR9	13686346	CHR9:13686346	SSF x Far_LoA	-8,38044291	0,144	0,300
CHR9	13688802	CHR9:13688802	SSF x Far_LoA	-9,1860243	-0,099	0,304
CHR9	13688902	CHR9:13688902	SSF x Far_LoA	-10,682497	0,012	0,308
CHR9	13688954	CHR9:13688954	SSF x Far_LoA	-10,0643033	0,026	0,308
CHR9	13688956	CHR9:13688956	SSF x Far_LoA	-10,0736515	0,048	0,314
CHR9	13711293	CHR9:13711293	SSF x Far_LoA	-0,78597041	-0,185	0,304
CHR9	13711294	CHR9:13711294	SSF x Far_LoA	-8,41052262	0,133	0,295
CHR9	13715262	CHR9:13715262	SSF x Far_LoA	-9,43484751	-0,003	0,294
CHR9	13715268	CHR9:13715268	SSF x Far_LoA	-8,49218022	0,029	0,316
CHR9	13715274	CHR9:13715274	SSF x Far_LoA	-11,7098806	-0,058	0,298
CHR9	13715283	CHR9:13715283	SSF x Far_LoA	-1,42931963	-0,133	0,311
CHR9	13715289	CHR9:13715289	SSF x Far_LoA	-8,78596322	-0,104	0,324
CHR9	13722805	CHR9:13722805	SSF x Far_LoA	-10,5350432	0,045	0,285
CHR9	13722954	CHR9:13722954	SSF x Far_LoA	-10,2049036	-0,103	0,311
CHR9	13727760	CHR9:13727760	SSF x Far_LoA	-7,80332747	0,045	0,314
CHR9	13727785	CHR9:13727785	SSF x Far_LoA	-11,3484346	-0,016	0,308
CHR9	13727862	CHR9:13727862	SSF x Far_LoA	-10,588496	0,026	0,305
CHR9	13727864	CHR9:13727864	SSF x Far_LoA	-10,6449898	-0,011	0,306
CHR9	13738209	CHR9:13738209	SSF x Far_LoA	-8,2133367	0,037	0,308

CHR9	13738264	CHR9:13738264	SSF x Far_LoA	-11,5973039	0,016	0,292
CHR9	13738327	CHR9:13738327	SSF x Far_LoA	-11,6407846	0,037	0,310
CHR9	13738356	CHR9:13738356	SSF x Far_LoA	-7,97844576	0,057	0,308
CHR9	13738396	CHR9:13738396	SSF x Far_LoA	-10,338623	-0,044	0,316
CHR9	13738398	CHR9:13738398	SSF x Far_LoA	-10,6512756	-0,061	0,315
CHR9	13738475	CHR9:13738475	SSF x Far_LoA	-10,4108701	0,033	0,289
CHR9	13738510	CHR9:13738510	SSF x Far_LoA	-9,67282863	-0,039	0,294
CHR9	13738520	CHR9:13738520	SSF x Far_LoA	-10,9640324	-0,027	0,313
CHR9	13760275	CHR9:13760275	SSF x Far_LoA	-10,3044923	0,025	0,296
CHR9	13768874	CHR9:13768874	SSF x Far_LoA	-8,34824614	0,037	0,301
CHR9	13768875	CHR9:13768875	SSF x Far_LoA	-11,0473279	0,005	0,312
CHR9	13768920	CHR9:13768920	SSF x Far_LoA	-8,61263203	0,010	0,311
CHR9	13770466	CHR9:13770466	SSF x Far_LoA	-9,97821815	-0,045	0,288
CHR9	13770493	CHR9:13770493	SSF x Far_LoA	-10,0121124	0,065	0,312
CHR9	13770497	CHR9:13770497	SSF x Far_LoA	-10,5128772	-0,006	0,293
CHR9	13770499	CHR9:13770499	SSF x Far_LoA	-10,0148335	0,048	0,300
CHR9	13770501	CHR9:13770501	SSF x Far_LoA	-10,0648287	-0,009	0,306
CHR9	13781166	CHR9:13781166	SSF x Far_LoA	-11,9697662	-0,016	0,296
CHR9	13781244	CHR9:13781244	SSF x Far_LoA	-9,11062426	0,016	0,314
CHR9	13781277	CHR9:13781277	SSF x Far_LoA	-9,3361891	0,004	0,303
CHR9	13781278	CHR9:13781278	SSF x Far_LoA	-8,39314044	0,001	0,309
CHR9	13781376	CHR9:13781376	SSF x Far_LoA	-10,9333848	0,121	0,304
CHR9	13781403	CHR9:13781403	SSF x Far_LoA	-9,45365951	0,124	0,307
CHR9	13781407	CHR9:13781407	SSF x Far_LoA	-9,18493955	0,103	0,313
CHR9	13781416	CHR9:13781416	SSF x Far_LoA	-10,2981818	0,021	0,311
CHR9	13781423	CHR9:13781423	SSF x Far_LoA	-11,2993486	0,122	0,299
CHR9	13781435	CHR9:13781435	SSF x Far_LoA	-9,33577627	0,057	0,311
CHR9	13794536	CHR9:13794536	SSF x Far_LoA	-3,12049968	-0,185	0,298
CHR9	13794609	CHR9:13794609	SSF x Far_LoA	-10,2058518	-0,052	0,297
CHR9	13794623	CHR9:13794623	SSF x Far_LoA	-11,5678421	0,065	0,306
CHR9	1379589	CHR9:1379589	SSF x Far_LoA	-9,74911487	-0,110	0,294
CHR9	13798828	CHR9:13798828	SSF x Far_LoA	-10,9232691	-0,007	0,311
CHR9	13798830	CHR9:13798830	SSF x Far_LoA	-9,42277009	0,024	0,301
CHR9	13799716	CHR9:13799716	SSF x Far_LoA	-8,90720461	0,156	0,296
CHR9	13812486	CHR9:13812486	SSF x Far_LoA	-10,6171129	0,044	0,307
CHR9	13816145	CHR9:13816145	SSF x Far_LoA	-8,23172512	0,055	0,316
CHR9	13816149	CHR9:13816149	SSF x Far_LoA	-10,0512296	0,045	0,312
CHR9	13816162	CHR9:13816162	SSF x Far_LoA	-8,81979066	0,052	0,300
CHR9	13825078	CHR9:13825078	SSF x Far_LoA	-6,46634148	-0,065	0,309
CHR9	13825136	CHR9:13825136	SSF x Far_LoA	-10,1552428	0,049	0,299
CHR9	13825336	CHR9:13825336	SSF x Far_LoA	-7,45380479	0,068	0,307
CHR9	13826516	CHR9:13826516	SSF x Far_LoA	-10,1971533	0,047	0,297
CHR9	13826547	CHR9:13826547	SSF x Far_LoA	-9,73946354	0,011	0,310
CHR9	13826618	CHR9:13826618	SSF x Far_LoA	-8,44152699	-0,051	0,307
CHR9	13826630	CHR9:13826630	SSF x Far_LoA	-10,9329705	-0,089	0,293
CHR9	13863346	CHR9:13863346	SSF x Far_LoA	-9,51488915	0,038	0,295
CHR9	13868230	CHR9:13868230	SSF x Far_LoA	-12,1509946	-0,042	0,308
CHR9	13868274	CHR9:13868274	SSF x Far_LoA	-10,7811581	-0,057	0,300
CHR9	13879536	CHR9:13879536	SSF x Far_LoA	-8,56729917	-0,040	0,302
CHR9	13879543	CHR9:13879543	SSF x Far_LoA	-11,0692339	0,040	0,312
CHR9	13879595	CHR9:13879595	SSF x Far_LoA	-9,23337063	0,012	0,301
CHR9	13879628	CHR9:13879628	SSF x Far_LoA	-7,55132881	0,024	0,319
CHR9	13879747	CHR9:13879747	SSF x Far_LoA	-9,66620477	0,084	0,299

CHR9	13879776	CHR9:13879776	SSF x Far_LoA	-5,95579841	-0,130	0,296
CHR9	13905998	CHR9:13905998	SSF x Far_LoA	-7,49482045	0,018	0,315
CHR9	13906098	CHR9:13906098	SSF x Far_LoA	-10,2293906	0,041	0,307
CHR9	13908220	CHR9:13908220	SSF x Far_LoA	-7,65518988	-0,124	0,308
CHR9	13908273	CHR9:13908273	SSF x Far_LoA	-8,807759	-0,098	0,312
CHR9	13908279	CHR9:13908279	SSF x Far_LoA	-8,20949986	0,070	0,306
CHR9	13911822	CHR9:13911822	SSF x Far_LoA	-5,59631928	-0,066	0,313
CHR9	13911824	CHR9:13911824	SSF x Far_LoA	-9,84053191	-0,064	0,306
CHR9	13911837	CHR9:13911837	SSF x Far_LoA	-10,3671135	-0,042	0,299
CHR9	13911845	CHR9:13911845	SSF x Far_LoA	-9,15092377	-0,010	0,312
CHR9	13911854	CHR9:13911854	SSF x Far_LoA	-9,33752381	-0,052	0,296
CHR9	13911866	CHR9:13911866	SSF x Far_LoA	-9,03272556	-0,004	0,305
CHR9	13911868	CHR9:13911868	SSF x Far_LoA	-7,17774659	-0,034	0,313
CHR9	13911904	CHR9:13911904	SSF x Far_LoA	-8,57549289	-0,093	0,310
CHR9	13911917	CHR9:13911917	SSF x Far_LoA	-9,30815262	0,089	0,294
CHR9	13911924	CHR9:13911924	SSF x Far_LoA	-8,73625997	0,096	0,308
CHR9	13911930	CHR9:13911930	SSF x Far_LoA	-8,25805475	0,116	0,287
CHR9	13911932	CHR9:13911932	SSF x Far_LoA	-9,87102119	-0,072	0,312
CHR9	13912938	CHR9:13912938	SSF x Far_LoA	-11,4642531	0,025	0,307
CHR9	13922527	CHR9:13922527	SSF x Far_LoA	-9,52646864	0,018	0,287
CHR9	13922590	CHR9:13922590	SSF x Far_LoA	-7,30778184	-0,172	0,297
CHR9	13922612	CHR9:13922612	SSF x Far_LoA	-7,77403931	0,108	0,290
CHR9	13923093	CHR9:13923093	SSF x Far_LoA	-6,89913353	-0,090	0,323
CHR9	13923172	CHR9:13923172	SSF x Far_LoA	-9,44297758	-0,003	0,308
CHR9	13926507	CHR9:13926507	SSF x Far_LoA	-8,49584025	-0,098	0,306
CHR9	13926511	CHR9:13926511	SSF x Far_LoA	-9,97787386	0,029	0,314
CHR9	13926616	CHR9:13926616	SSF x Far_LoA	-11,97699	0,029	0,296
CHR9	13926660	CHR9:13926660	SSF x Far_LoA	-7,63995827	0,071	0,304
CHR9	13926679	CHR9:13926679	SSF x Far_LoA	-8,29712498	0,074	0,289
CHR9	13926764	CHR9:13926764	SSF x Far_LoA	-11,2536659	-0,029	0,304
CHR9	13928113	CHR9:13928113	SSF x Far_LoA	-6,60816011	0,129	0,301
CHR9	13936576	CHR9:13936576	SSF x Far_LoA	-3,64076901	0,132	0,300
CHR9	13936735	CHR9:13936735	SSF x Far_LoA	-10,7352567	-0,075	0,300
CHR9	13936746	CHR9:13936746	SSF x Far_LoA	-11,5580547	0,051	0,301
CHR9	13936783	CHR9:13936783	SSF x Far_LoA	-9,4982535	-0,077	0,313
CHR9	13943168	CHR9:13943168	SSF x Far_LoA	-9,60674577	-0,038	0,299
CHR9	13943260	CHR9:13943260	SSF x Far_LoA	-9,22707361	0,026	0,301
CHR9	13943301	CHR9:13943301	SSF x Far_LoA	-8,6456522	-0,166	0,304
CHR9	13943351	CHR9:13943351	SSF x Far_LoA	-11,2594961	0,060	0,315
CHR9	13951622	CHR9:13951622	SSF x Far_LoA	-9,4419183	-0,082	0,307
CHR9	13951649	CHR9:13951649	SSF x Far_LoA	-3,33663357	-0,097	0,319
CHR9	13951703	CHR9:13951703	SSF x Far_LoA	-9,80173121	0,059	0,300
CHR9	13952039	CHR9:13952039	SSF x Far_LoA	-9,07344861	0,081	0,305
CHR9	13952049	CHR9:13952049	SSF x Far_LoA	-11,6265644	0,061	0,312
CHR9	13952153	CHR9:13952153	SSF x Far_LoA	-10,525539	0,020	0,298
CHR9	13952155	CHR9:13952155	SSF x Far_LoA	-7,49880791	-0,037	0,320
CHR9	13970419	CHR9:13970419	SSF x Far_LoA	-9,85594771	-0,042	0,312
CHR9	13981601	CHR9:13981601	SSF x Far_LoA	-10,28045	0,040	0,316
CHR9	13981715	CHR9:13981715	SSF x Far_LoA	-7,46974467	0,020	0,309
CHR9	13991461	CHR9:13991461	SSF x Far_LoA	-10,0740065	-0,030	0,319
CHR9	13991572	CHR9:13991572	SSF x Far_LoA	-11,8572966	-0,081	0,290
CHR9	13994634	CHR9:13994634	SSF x Far_LoA	-10,1350251	0,023	0,320
CHR9	140142	CHR9:140142	SSF x Far_LoA	-8,22496601	0,006	0,309

CHR9	14027498	CHR9:14027498	SSF x Far_LoA	-10,7693829	0,078	0,308
CHR9	14027499	CHR9:14027499	SSF x Far_LoA	-10,3161737	0,079	0,309
CHR9	14027501	CHR9:14027501	SSF x Far_LoA	-10,6457102	0,120	0,294
CHR9	14027517	CHR9:14027517	SSF x Far_LoA	-8,85007314	0,096	0,308
CHR9	14043712	CHR9:14043712	SSF x Far_LoA	-6,58361314	0,065	0,305
CHR9	14043728	CHR9:14043728	SSF x Far_LoA	-8,7747082	0,155	0,280
CHR9	14043729	CHR9:14043729	SSF x Far_LoA	-8,58250679	0,091	0,303
CHR9	14043735	CHR9:14043735	SSF x Far_LoA	-8,11662686	-0,017	0,315
CHR9	14043736	CHR9:14043736	SSF x Far_LoA	-9,17438712	0,091	0,294
CHR9	14043755	CHR9:14043755	SSF x Far_LoA	-10,4730567	-0,001	0,294
CHR9	14043756	CHR9:14043756	SSF x Far_LoA	-9,58156388	0,050	0,311
CHR9	14043760	CHR9:14043760	SSF x Far_LoA	-9,22833903	-0,081	0,304
CHR9	14045129	CHR9:14045129	SSF x Far_LoA	-10,8039099	-0,040	0,306
CHR9	14045183	CHR9:14045183	SSF x Far_LoA	-11,7713148	-0,074	0,308
CHR9	14046332	CHR9:14046332	SSF x Far_LoA	-10,5443057	-0,001	0,302
CHR9	14049555	CHR9:14049555	SSF x Far_LoA	-10,2981867	-0,058	0,301
CHR9	14049586	CHR9:14049586	SSF x Far_LoA	-5,48128413	-0,145	0,301
CHR9	14049595	CHR9:14049595	SSF x Far_LoA	-7,6715165	-0,072	0,320
CHR9	14049964	CHR9:14049964	SSF x Far_LoA	-12,0145515	-0,012	0,309
CHR9	14049992	CHR9:14049992	SSF x Far_LoA	-11,8077475	0,087	0,308
CHR9	14050078	CHR9:14050078	SSF x Far_LoA	-9,69875709	0,039	0,328
CHR9	14058237	CHR9:14058237	SSF x Far_LoA	-10,5957901	0,039	0,303
CHR9	14058314	CHR9:14058314	SSF x Far_LoA	-11,5990345	0,019	0,323
CHR9	14058471	CHR9:14058471	SSF x Far_LoA	-7,99510131	-0,060	0,308
CHR9	14058479	CHR9:14058479	SSF x Far_LoA	-8,77658443	0,028	0,301
CHR9	14058499	CHR9:14058499	SSF x Far_LoA	-9,48646341	0,037	0,293
CHR9	14063243	CHR9:14063243	SSF x Far_LoA	-8,58237559	0,038	0,309
CHR9	14063259	CHR9:14063259	SSF x Far_LoA	-8,29683931	0,008	0,307
CHR9	14063285	CHR9:14063285	SSF x Far_LoA	-4,86165776	-0,177	0,299
CHR9	14063293	CHR9:14063293	SSF x Far_LoA	-10,2155714	-0,001	0,315
CHR9	14080811	CHR9:14080811	SSF x Far_LoA	-11,3082656	0,003	0,308
CHR9	14080858	CHR9:14080858	SSF x Far_LoA	-7,20494897	-0,129	0,317
CHR9	1409099	CHR9:1409099	SSF x Far_LoA	-9,28785621	0,023	0,302
CHR9	1409129	CHR9:1409129	SSF x Far_LoA	-8,19889114	0,003	0,305
CHR9	1409218	CHR9:1409218	SSF x Far_LoA	-9,26432397	-0,078	0,309
CHR9	1409369	CHR9:1409369	SSF x Far_LoA	-8,99072929	-0,145	0,297
CHR9	14108445	CHR9:14108445	SSF x Far_LoA	-8,98079346	-0,074	0,316
CHR9	14112293	CHR9:14112293	SSF x Far_LoA	-10,3378183	-0,150	0,298
CHR9	14112295	CHR9:14112295	SSF x Far_LoA	-7,5563865	-0,128	0,309
CHR9	14112341	CHR9:14112341	SSF x Far_LoA	-8,71019388	0,065	0,298
CHR9	14112395	CHR9:14112395	SSF x Far_LoA	-11,7937626	-0,005	0,308
CHR9	14112433	CHR9:14112433	SSF x Far_LoA	-9,45262986	-0,049	0,306
CHR9	14112469	CHR9:14112469	SSF x Far_LoA	-8,71277689	-0,057	0,309
CHR9	14112471	CHR9:14112471	SSF x Far_LoA	-7,39700559	-0,027	0,314
CHR9	14112557	CHR9:14112557	SSF x Far_LoA	-4,33658657	-0,104	0,319
CHR9	1412414	CHR9:1412414	SSF x Far_LoA	-8,18786211	0,010	0,313
CHR9	1412444	CHR9:1412444	SSF x Far_LoA	-9,93736738	0,019	0,300
CHR9	14125221	CHR9:14125221	SSF x Far_LoA	-10,8658011	-0,077	0,292
CHR9	14125224	CHR9:14125224	SSF x Far_LoA	-11,8825564	-0,020	0,306
CHR9	14125384	CHR9:14125384	SSF x Far_LoA	-7,36656889	-0,096	0,310
CHR9	14129210	CHR9:14129210	SSF x Far_LoA	-8,72950614	-0,086	0,294
CHR9	14143015	CHR9:14143015	SSF x Far_LoA	-8,84732836	0,072	0,310
CHR9	14143100	CHR9:14143100	SSF x Far_LoA	-8,43403207	0,031	0,314

CHR9	1415637	CHR9:1415637	SSF x Far_LoA	-8,64484568	0,114	0,306
CHR9	1415779	CHR9:1415779	SSF x Far_LoA	-11,3305972	0,037	0,303
CHR9	1415824	CHR9:1415824	SSF x Far_LoA	-8,5816595	-0,038	0,317
CHR9	1415909	CHR9:1415909	SSF x Far_LoA	-10,564811	-0,105	0,309
CHR9	14163868	CHR9:14163868	SSF x Far_LoA	-11,4995657	-0,052	0,308
CHR9	14175907	CHR9:14175907	SSF x Far_LoA	-9,81513922	-0,137	0,290
CHR9	14175911	CHR9:14175911	SSF x Far_LoA	-7,77289304	-0,133	0,306
CHR9	14176051	CHR9:14176051	SSF x Far_LoA	-10,8461442	-0,061	0,297
CHR9	14184616	CHR9:14184616	SSF x Far_LoA	-10,6354874	0,137	0,304
CHR9	14184641	CHR9:14184641	SSF x Far_LoA	-8,90516092	0,115	0,304
CHR9	14184644	CHR9:14184644	SSF x Far_LoA	-8,14658923	0,111	0,313
CHR9	14184653	CHR9:14184653	SSF x Far_LoA	-10,0878118	0,115	0,306
CHR9	14184661	CHR9:14184661	SSF x Far_LoA	-10,5718439	0,114	0,301
CHR9	14184669	CHR9:14184669	SSF x Far_LoA	-7,97984372	0,120	0,311
CHR9	14200981	CHR9:14200981	SSF x Far_LoA	-10,5358258	0,042	0,290
CHR9	1420579	CHR9:1420579	SSF x Far_LoA	-10,6657244	0,040	0,305
CHR9	14211587	CHR9:14211587	SSF x Far_LoA	-8,87027625	-0,012	0,320
CHR9	14211630	CHR9:14211630	SSF x Far_LoA	-8,26036506	-0,010	0,316
CHR9	14211640	CHR9:14211640	SSF x Far_LoA	-9,01911416	0,017	0,311
CHR9	14211653	CHR9:14211653	SSF x Far_LoA	-8,86116099	0,012	0,319
CHR9	14211711	CHR9:14211711	SSF x Far_LoA	-5,71143477	-0,040	0,324
CHR9	14218657	CHR9:14218657	SSF x Far_LoA	-9,77620304	0,026	0,325
CHR9	14224390	CHR9:14224390	SSF x Far_LoA	-6,95261288	-0,144	0,292
CHR9	14251026	CHR9:14251026	SSF x Far_LoA	-5,03839018	0,029	0,308
CHR9	14258728	CHR9:14258728	SSF x Far_LoA	-9,81986653	0,120	0,294
CHR9	14258731	CHR9:14258731	SSF x Far_LoA	-11,3568922	0,109	0,291
CHR9	14258816	CHR9:14258816	SSF x Far_LoA	-11,5063799	0,062	0,309
CHR9	1427423	CHR9:1427423	SSF x Far_LoA	-12,2416571	-0,020	0,295
CHR9	1431981	CHR9:1431981	SSF x Far_LoA	-9,86453407	-0,037	0,314
CHR9	1432098	CHR9:1432098	SSF x Far_LoA	-8,07980903	0,086	0,301
CHR9	1432185	CHR9:1432185	SSF x Far_LoA	-9,83434379	0,101	0,304
CHR9	1432192	CHR9:1432192	SSF x Far_LoA	-9,10776231	-0,063	0,299
CHR9	1432289	CHR9:1432289	SSF x Far_LoA	-9,62583815	0,048	0,319
CHR9	14378987	CHR9:14378987	SSF x Far_LoA	-4,54997174	-0,138	0,310
CHR9	14393794	CHR9:14393794	SSF x Far_LoA	-7,33693965	0,080	0,299
CHR9	14393814	CHR9:14393814	SSF x Far_LoA	-8,85742986	-0,051	0,310
CHR9	14403482	CHR9:14403482	SSF x Far_LoA	-8,17538259	-0,002	0,312
CHR9	14403536	CHR9:14403536	SSF x Far_LoA	-8,48413545	-0,029	0,321
CHR9	14403720	CHR9:14403720	SSF x Far_LoA	-8,63257232	0,008	0,317
CHR9	14403729	CHR9:14403729	SSF x Far_LoA	-8,1917059	-0,010	0,311
CHR9	14403800	CHR9:14403800	SSF x Far_LoA	-9,14211305	0,021	0,323
CHR9	14405749	CHR9:14405749	SSF x Far_LoA	-9,30248636	0,000	0,310
CHR9	14405786	CHR9:14405786	SSF x Far_LoA	-9,27927763	0,002	0,314
CHR9	14405790	CHR9:14405790	SSF x Far_LoA	-8,3823923	0,017	0,331
CHR9	14426549	CHR9:14426549	SSF x Far_LoA	-11,6048341	0,056	0,299
CHR9	14457773	CHR9:14457773	SSF x Far_LoA	-11,8589188	0,074	0,290
CHR9	14458045	CHR9:14458045	SSF x Far_LoA	-10,731289	0,049	0,309
CHR9	14472720	CHR9:14472720	SSF x Far_LoA	-9,61907155	0,016	0,307
CHR9	14472748	CHR9:14472748	SSF x Far_LoA	-12,4102268	-0,011	0,312
CHR9	14472760	CHR9:14472760	SSF x Far_LoA	-11,5765561	0,009	0,294
CHR9	14472761	CHR9:14472761	SSF x Far_LoA	-11,6748456	-0,041	0,310
CHR9	14472776	CHR9:14472776	SSF x Far_LoA	-7,36156145	0,022	0,311
CHR9	14472794	CHR9:14472794	SSF x Far_LoA	-11,544814	0,018	0,325

CHR9	14478155	CHR9:14478155	SSF x Far_LoA	-9,46601677	-0,027	0,314
CHR9	14478202	CHR9:14478202	SSF x Far_LoA	-8,68039321	-0,033	0,317
CHR9	14517529	CHR9:14517529	SSF x Far_LoA	-8,69501945	-0,040	0,320
CHR9	14545017	CHR9:14545017	SSF x Far_LoA	-6,05433681	0,016	0,326
CHR9	14545026	CHR9:14545026	SSF x Far_LoA	-8,00165373	0,021	0,322
CHR9	14545066	CHR9:14545066	SSF x Far_LoA	-8,00229309	-0,025	0,319
CHR9	14545094	CHR9:14545094	SSF x Far_LoA	-8,92513311	0,028	0,317
CHR9	14547725	CHR9:14547725	SSF x Far_LoA	-8,802119	0,007	0,304
CHR9	14547778	CHR9:14547778	SSF x Far_LoA	-9,03227029	0,008	0,313
CHR9	14547788	CHR9:14547788	SSF x Far_LoA	-6,22677475	0,010	0,324
CHR9	14547791	CHR9:14547791	SSF x Far_LoA	-8,57945111	-0,008	0,320
CHR9	14547805	CHR9:14547805	SSF x Far_LoA	-7,8609715	-0,015	0,321
CHR9	14547818	CHR9:14547818	SSF x Far_LoA	-7,72121577	-0,016	0,313
CHR9	14547821	CHR9:14547821	SSF x Far_LoA	-9,37580719	-0,026	0,315
CHR9	14547825	CHR9:14547825	SSF x Far_LoA	-6,53485946	0,006	0,316
CHR9	14547855	CHR9:14547855	SSF x Far_LoA	-8,02304871	-0,009	0,330
CHR9	14547861	CHR9:14547861	SSF x Far_LoA	-8,90525916	-0,005	0,310
CHR9	14548226	CHR9:14548226	SSF x Far_LoA	-8,78890227	-0,023	0,314
CHR9	14548231	CHR9:14548231	SSF x Far_LoA	-8,74651062	-0,056	0,311
CHR9	14548234	CHR9:14548234	SSF x Far_LoA	-7,30890112	-0,032	0,313
CHR9	14548242	CHR9:14548242	SSF x Far_LoA	-7,94284272	-0,063	0,315
CHR9	14548252	CHR9:14548252	SSF x Far_LoA	-7,03825738	-0,023	0,321
CHR9	14548254	CHR9:14548254	SSF x Far_LoA	-9,06603799	-0,041	0,319
CHR9	14548265	CHR9:14548265	SSF x Far_LoA	-7,72880966	-0,036	0,312
CHR9	14548273	CHR9:14548273	SSF x Far_LoA	-8,1424739	-0,067	0,308
CHR9	14548275	CHR9:14548275	SSF x Far_LoA	-8,71985434	0,007	0,321
CHR9	14548287	CHR9:14548287	SSF x Far_LoA	-6,75411378	-0,032	0,318
CHR9	14548290	CHR9:14548290	SSF x Far_LoA	-7,61903269	-0,070	0,304
CHR9	14548291	CHR9:14548291	SSF x Far_LoA	-5,68597472	-0,062	0,313
CHR9	14548293	CHR9:14548293	SSF x Far_LoA	-7,72429261	-0,038	0,315
CHR9	14548306	CHR9:14548306	SSF x Far_LoA	-9,10874945	-0,048	0,303
CHR9	14548308	CHR9:14548308	SSF x Far_LoA	-8,63472657	-0,019	0,315
CHR9	14548314	CHR9:14548314	SSF x Far_LoA	-7,71189723	-0,056	0,310
CHR9	14548328	CHR9:14548328	SSF x Far_LoA	-7,72974631	-0,049	0,310
CHR9	14552457	CHR9:14552457	SSF x Far_LoA	-6,8752836	-0,008	0,308
CHR9	14555741	CHR9:14555741	SSF x Far_LoA	-2,51311197	-0,030	0,308
CHR9	14557628	CHR9:14557628	SSF x Far_LoA	-8,78337039	-0,019	0,310
CHR9	14559190	CHR9:14559190	SSF x Far_LoA	-6,84466247	-0,025	0,310
CHR9	14644020	CHR9:14644020	SSF x Far_LoA	-8,86023931	-0,016	0,314
CHR9	14647002	CHR9:14647002	SSF x Far_LoA	-10,3738443	-0,008	0,316
CHR9	1464814	CHR9:1464814	SSF x Far_LoA	-7,64596483	0,072	0,301
CHR9	1465793	CHR9:1465793	SSF x Far_LoA	-10,9234401	-0,024	0,308
CHR9	1465839	CHR9:1465839	SSF x Far_LoA	-7,89425056	0,176	0,301
CHR9	1465841	CHR9:1465841	SSF x Far_LoA	-9,73064768	-0,006	0,309
CHR9	14670739	CHR9:14670739	SSF x Far_LoA	-10,659983	-0,002	0,298
CHR9	14682003	CHR9:14682003	SSF x Far_LoA	-8,88057592	0,095	0,310
CHR9	14688530	CHR9:14688530	SSF x Far_LoA	-6,92060575	-0,016	0,307
CHR9	1470724	CHR9:1470724	SSF x Far_LoA	-9,61317236	-0,035	0,301
CHR9	14707296	CHR9:14707296	SSF x Far_LoA	-8,24151072	-0,048	0,303
CHR9	1470766	CHR9:1470766	SSF x Far_LoA	-9,44948226	-0,090	0,299
CHR9	14714383	CHR9:14714383	SSF x Far_LoA	-9,02475979	-0,003	0,320
CHR9	14717650	CHR9:14717650	SSF x Far_LoA	-8,59436425	-0,017	0,303
CHR9	14717747	CHR9:14717747	SSF x Far_LoA	-1,54730802	-0,012	0,307

CHR9	14726612	CHR9:14726612	SSF x Far_LoA	-8,95532667	-0,001	0,314
CHR9	14729129	CHR9:14729129	SSF x Far_LoA	-7,45500718	-0,100	0,306
CHR9	14737081	CHR9:14737081	SSF x Far_LoA	-10,0093465	-0,014	0,293
CHR9	14747188	CHR9:14747188	SSF x Far_LoA	-10,4383863	-0,046	0,298
CHR9	14767450	CHR9:14767450	SSF x Far_LoA	-5,38534644	-0,160	0,313
CHR9	14787239	CHR9:14787239	SSF x Far_LoA	-7,32735017	-0,135	0,305
CHR9	14787406	CHR9:14787406	SSF x Far_LoA	-9,46131091	-0,087	0,295
CHR9	14855966	CHR9:14855966	SSF x Far_LoA	-8,10552203	-0,140	0,306
CHR9	14866644	CHR9:14866644	SSF x Far_LoA	-7,11568863	0,114	0,301
CHR9	14873809	CHR9:14873809	SSF x Far_LoA	-6,25984834	-0,132	0,306
CHR9	14893658	CHR9:14893658	SSF x Far_LoA	-9,23919244	0,099	0,303
CHR9	14906891	CHR9:14906891	SSF x Far_LoA	-8,68428332	0,015	0,311
CHR9	14906895	CHR9:14906895	SSF x Far_LoA	-6,83717216	-0,025	0,319
CHR9	14922686	CHR9:14922686	SSF x Far_LoA	-8,76442833	0,092	0,314
CHR9	14949736	CHR9:14949736	SSF x Far_LoA	-5,12140121	-0,034	0,318
CHR9	14962468	CHR9:14962468	SSF x Far_LoA	-8,12739715	-0,053	0,315
CHR9	14962576	CHR9:14962576	SSF x Far_LoA	-6,94160089	-0,072	0,311
CHR9	14974833	CHR9:14974833	SSF x Far_LoA	-7,73459728	-0,039	0,312
CHR9	14978806	CHR9:14978806	SSF x Far_LoA	-9,60908056	0,051	0,303
CHR9	14982996	CHR9:14982996	SSF x Far_LoA	-8,89304698	0,122	0,311
CHR9	14983259	CHR9:14983259	SSF x Far_LoA	-9,4630912	0,006	0,320
CHR9	14983283	CHR9:14983283	SSF x Far_LoA	-8,46631063	0,021	0,312
CHR9	14983346	CHR9:14983346	SSF x Far_LoA	-8,40394105	0,018	0,322
CHR9	14983352	CHR9:14983352	SSF x Far_LoA	-8,64391028	0,008	0,316
CHR9	15000558	CHR9:15000558	SSF x Far_LoA	-5,79451768	-0,159	0,294
CHR9	15000613	CHR9:15000613	SSF x Far_LoA	-8,31823975	-0,094	0,301
CHR9	15016341	CHR9:15016341	SSF x Far_LoA	-7,09944203	-0,118	0,304
CHR9	15016525	CHR9:15016525	SSF x Far_LoA	-8,5794883	-0,046	0,316
CHR9	15020370	CHR9:15020370	SSF x Far_LoA	-10,0610786	-0,016	0,308
CHR9	15020407	CHR9:15020407	SSF x Far_LoA	-2,49952431	-0,104	0,305
CHR9	15020739	CHR9:15020739	SSF x Far_LoA	-8,63173456	-0,124	0,297
CHR9	15033935	CHR9:15033935	SSF x Far_LoA	-8,40817591	-0,106	0,299
CHR9	15033948	CHR9:15033948	SSF x Far_LoA	-8,58947808	-0,065	0,297
CHR9	15033964	CHR9:15033964	SSF x Far_LoA	-6,6726865	-0,088	0,299
CHR9	15034061	CHR9:15034061	SSF x Far_LoA	-6,9461014	-0,071	0,298
CHR9	1504051	CHR9:1504051	SSF x Far_LoA	-8,12843026	0,107	0,313
CHR9	1504106	CHR9:1504106	SSF x Far_LoA	-8,17869496	0,118	0,300
CHR9	1504125	CHR9:1504125	SSF x Far_LoA	-10,4880719	0,006	0,307
CHR9	15041335	CHR9:15041335	SSF x Far_LoA	-9,66395988	-0,076	0,309
CHR9	15046088	CHR9:15046088	SSF x Far_LoA	-8,05942552	-0,081	0,316
CHR9	1506456	CHR9:1506456	SSF x Far_LoA	-10,4644181	-0,055	0,305
CHR9	1506507	CHR9:1506507	SSF x Far_LoA	-9,45943952	-0,020	0,305
CHR9	1506572	CHR9:1506572	SSF x Far_LoA	-8,44237047	0,102	0,308
CHR9	1506651	CHR9:1506651	SSF x Far_LoA	-11,2353192	0,082	0,299
CHR9	1506652	CHR9:1506652	SSF x Far_LoA	-11,7075915	0,071	0,295
CHR9	1506675	CHR9:1506675	SSF x Far_LoA	-11,402124	-0,010	0,311
CHR9	15093938	CHR9:15093938	SSF x Far_LoA	-8,95708785	-0,065	0,303
CHR9	15128678	CHR9:15128678	SSF x Far_LoA	-9,81990058	0,009	0,314
CHR9	1514929	CHR9:1514929	SSF x Far_LoA	-7,63968141	0,014	0,304
CHR9	15151599	CHR9:15151599	SSF x Far_LoA	-7,83310868	-0,118	0,291
CHR9	15151810	CHR9:15151810	SSF x Far_LoA	-8,12245465	-0,076	0,301
CHR9	15159901	CHR9:15159901	SSF x Far_LoA	-8,67440964	-0,057	0,291
CHR9	15173944	CHR9:15173944	SSF x Far_LoA	-8,50148421	-0,053	0,302

CHR9	15188012	CHR9:15188012	SSF x Far_LoA	-5,09441067	-0,078	0,308
CHR9	1520325	CHR9:1520325	SSF x Far_LoA	-9,85116044	0,038	0,299
CHR9	1520426	CHR9:1520426	SSF x Far_LoA	-9,96551381	0,023	0,298
CHR9	15228943	CHR9:15228943	SSF x Far_LoA	-6,83408964	-0,047	0,300
CHR9	15232991	CHR9:15232991	SSF x Far_LoA	-10,466222	0,076	0,310
CHR9	1523535	CHR9:1523535	SSF x Far_LoA	-9,2298628	0,122	0,306
CHR9	1523579	CHR9:1523579	SSF x Far_LoA	-8,65495618	0,162	0,294
CHR9	1523585	CHR9:1523585	SSF x Far_LoA	-0,71417491	-0,209	0,299
CHR9	1526234	CHR9:1526234	SSF x Far_LoA	-9,2279105	0,077	0,309
CHR9	1526266	CHR9:1526266	SSF x Far_LoA	-10,4222762	0,080	0,304
CHR9	1526310	CHR9:1526310	SSF x Far_LoA	-11,7753272	0,066	0,299
CHR9	1526350	CHR9:1526350	SSF x Far_LoA	-11,4186593	0,009	0,312
CHR9	15279073	CHR9:15279073	SSF x Far_LoA	-7,2569501	0,041	0,301
CHR9	15295496	CHR9:15295496	SSF x Far_LoA	-9,01244452	-0,069	0,299
CHR9	15295655	CHR9:15295655	SSF x Far_LoA	-7,24151326	-0,057	0,292
CHR9	1530019	CHR9:1530019	SSF x Far_LoA	-1,975492	-0,047	0,318
CHR9	15302797	CHR9:15302797	SSF x Far_LoA	-8,6034606	-0,037	0,306
CHR9	1530297	CHR9:1530297	SSF x Far_LoA	-9,15514632	0,080	0,294
CHR9	15311218	CHR9:15311218	SSF x Far_LoA	-10,8750354	-0,118	0,305
CHR9	15311261	CHR9:15311261	SSF x Far_LoA	-11,2663103	0,044	0,305
CHR9	15320610	CHR9:15320610	SSF x Far_LoA	-10,2463016	0,034	0,301
CHR9	15326265	CHR9:15326265	SSF x Far_LoA	-8,99838634	-0,119	0,314
CHR9	1532732	CHR9:1532732	SSF x Far_LoA	-8,53766364	0,072	0,300
CHR9	1532744	CHR9:1532744	SSF x Far_LoA	-10,985346	-0,020	0,307
CHR9	15340433	CHR9:15340433	SSF x Far_LoA	-7,19200512	0,039	0,318
CHR9	1537723	CHR9:1537723	SSF x Far_LoA	-9,30667131	0,038	0,302
CHR9	1537825	CHR9:1537825	SSF x Far_LoA	-8,21200843	0,008	0,318
CHR9	1537935	CHR9:1537935	SSF x Far_LoA	-8,93071923	0,107	0,302
CHR9	1537949	CHR9:1537949	SSF x Far_LoA	-9,00219797	0,096	0,285
CHR9	15390844	CHR9:15390844	SSF x Far_LoA	-7,86345481	-0,063	0,316
CHR9	15423551	CHR9:15423551	SSF x Far_LoA	-9,59287131	-0,065	0,301
CHR9	15423552	CHR9:15423552	SSF x Far_LoA	-9,5408384	-0,073	0,291
CHR9	15430431	CHR9:15430431	SSF x Far_LoA	-10,3689385	-0,009	0,312
CHR9	1544783	CHR9:1544783	SSF x Far_LoA	-6,10635898	-0,019	0,303
CHR9	1544812	CHR9:1544812	SSF x Far_LoA	-8,59105183	-0,003	0,313
CHR9	1544825	CHR9:1544825	SSF x Far_LoA	-11,0989946	-0,034	0,310
CHR9	1544846	CHR9:1544846	SSF x Far_LoA	-7,61355594	0,013	0,312
CHR9	1547449	CHR9:1547449	SSF x Far_LoA	-8,09279081	-0,070	0,311
CHR9	1547469	CHR9:1547469	SSF x Far_LoA	-12,1132981	0,079	0,288
CHR9	15481303	CHR9:15481303	SSF x Far_LoA	-3,67770925	-0,008	0,294
CHR9	15513397	CHR9:15513397	SSF x Far_LoA	-10,8793515	-0,100	0,299
CHR9	15513433	CHR9:15513433	SSF x Far_LoA	-8,18084272	-0,043	0,316
CHR9	1551764	CHR9:1551764	SSF x Far_LoA	-11,0688051	0,022	0,293
CHR9	15584796	CHR9:15584796	SSF x Far_LoA	-7,4671825	0,002	0,320
CHR9	15584862	CHR9:15584862	SSF x Far_LoA	-8,48083675	-0,019	0,310
CHR9	15584879	CHR9:15584879	SSF x Far_LoA	-6,07165523	-0,042	0,322
CHR9	15584898	CHR9:15584898	SSF x Far_LoA	-9,25615287	0,007	0,308
CHR9	15584916	CHR9:15584916	SSF x Far_LoA	-8,67810863	-0,045	0,307
CHR9	15584932	CHR9:15584932	SSF x Far_LoA	-8,56874578	-0,015	0,319
CHR9	15584948	CHR9:15584948	SSF x Far_LoA	-8,37159433	-0,019	0,319
CHR9	15584949	CHR9:15584949	SSF x Far_LoA	-9,08006642	-0,020	0,312
CHR9	15584963	CHR9:15584963	SSF x Far_LoA	-8,99522151	-0,009	0,322
CHR9	15584966	CHR9:15584966	SSF x Far_LoA	-9,30242639	0,000	0,305

CHR9	1560120	CHR9:1560120	SSF x Far_LoA	-11,1915848	0,015	0,302
CHR9	1560147	CHR9:1560147	SSF x Far_LoA	-9,27641641	0,052	0,315
CHR9	1560157	CHR9:1560157	SSF x Far_LoA	-8,13667696	0,034	0,310
CHR9	1560268	CHR9:1560268	SSF x Far_LoA	-9,67884051	0,115	0,298
CHR9	15630016	CHR9:15630016	SSF x Far_LoA	-8,70614707	-0,052	0,307
CHR9	1566302	CHR9:1566302	SSF x Far_LoA	-10,1221552	0,114	0,298
CHR9	1566314	CHR9:1566314	SSF x Far_LoA	-11,5000096	-0,019	0,304
CHR9	15730983	CHR9:15730983	SSF x Far_LoA	-7,00086442	-0,021	0,326
CHR9	15730994	CHR9:15730994	SSF x Far_LoA	-8,39212276	0,001	0,308
CHR9	15731018	CHR9:15731018	SSF x Far_LoA	-6,83601594	-0,006	0,320
CHR9	15731024	CHR9:15731024	SSF x Far_LoA	-9,20515693	-0,002	0,320
CHR9	15731033	CHR9:15731033	SSF x Far_LoA	-9,43852685	0,013	0,306
CHR9	15731060	CHR9:15731060	SSF x Far_LoA	-8,50954109	-0,024	0,302
CHR9	15731077	CHR9:15731077	SSF x Far_LoA	-8,92518906	0,016	0,323
CHR9	15731082	CHR9:15731082	SSF x Far_LoA	-9,29562008	-0,026	0,322
CHR9	15731093	CHR9:15731093	SSF x Far_LoA	-6,9661695	-0,001	0,334
CHR9	15731099	CHR9:15731099	SSF x Far_LoA	-8,13528601	-0,025	0,318
CHR9	1574840	CHR9:1574840	SSF x Far_LoA	-9,10557976	0,070	0,306
CHR9	1574942	CHR9:1574942	SSF x Far_LoA	-9,85223926	-0,053	0,309
CHR9	1575027	CHR9:1575027	SSF x Far_LoA	-5,74688192	-0,042	0,295
CHR9	15762264	CHR9:15762264	SSF x Far_LoA	-8,4724667	0,017	0,304
CHR9	15762274	CHR9:15762274	SSF x Far_LoA	-9,46196148	0,012	0,314
CHR9	15762329	CHR9:15762329	SSF x Far_LoA	-9,2941427	0,009	0,318
CHR9	15762338	CHR9:15762338	SSF x Far_LoA	-8,97824057	-0,002	0,305
CHR9	15762446	CHR9:15762446	SSF x Far_LoA	-9,68733729	0,015	0,321
CHR9	15774716	CHR9:15774716	SSF x Far_LoA	-10,8026512	-0,048	0,307
CHR9	1578591	CHR9:1578591	SSF x Far_LoA	-10,0194792	-0,055	0,313
CHR9	1578596	CHR9:1578596	SSF x Far_LoA	-6,62928007	-0,162	0,293
CHR9	1578621	CHR9:1578621	SSF x Far_LoA	-10,7554045	0,042	0,288
CHR9	1578651	CHR9:1578651	SSF x Far_LoA	-8,84065632	0,116	0,306
CHR9	1578714	CHR9:1578714	SSF x Far_LoA	-9,93038352	-0,151	0,303
CHR9	15792971	CHR9:15792971	SSF x Far_LoA	-11,3761354	0,077	0,288
CHR9	15797464	CHR9:15797464	SSF x Far_LoA	-10,0169101	-0,046	0,312
CHR9	15797744	CHR9:15797744	SSF x Far_LoA	-5,27016556	0,058	0,317
CHR9	15810010	CHR9:15810010	SSF x Far_LoA	-9,36584106	0,088	0,308
CHR9	15812484	CHR9:15812484	SSF x Far_LoA	-12,3846978	-0,004	0,294
CHR9	15829865	CHR9:15829865	SSF x Far_LoA	-11,3531739	-0,079	0,301
CHR9	15906895	CHR9:15906895	SSF x Far_LoA	-7,6583079	-0,061	0,310
CHR9	15936424	CHR9:15936424	SSF x Far_LoA	-10,4099819	0,093	0,313
CHR9	15938510	CHR9:15938510	SSF x Far_LoA	-9,02245527	-0,094	0,315
CHR9	15938533	CHR9:15938533	SSF x Far_LoA	-10,5089955	-0,071	0,304
CHR9	15938556	CHR9:15938556	SSF x Far_LoA	-8,1551772	-0,100	0,302
CHR9	15938559	CHR9:15938559	SSF x Far_LoA	-8,61446726	-0,071	0,304
CHR9	15938572	CHR9:15938572	SSF x Far_LoA	-10,6029623	-0,099	0,296
CHR9	15938580	CHR9:15938580	SSF x Far_LoA	-9,99152198	-0,101	0,303
CHR9	15938585	CHR9:15938585	SSF x Far_LoA	-10,8533381	-0,080	0,295
CHR9	15938632	CHR9:15938632	SSF x Far_LoA	-11,1106616	-0,103	0,296
CHR9	1595727	CHR9:1595727	SSF x Far_LoA	-8,01000284	0,004	0,309
CHR9	15982775	CHR9:15982775	SSF x Far_LoA	-11,5489209	-0,013	0,297
CHR9	15982776	CHR9:15982776	SSF x Far_LoA	-10,2421769	-0,045	0,311
CHR9	15982832	CHR9:15982832	SSF x Far_LoA	-10,3334845	-0,043	0,305
CHR9	15982857	CHR9:15982857	SSF x Far_LoA	-10,9368769	-0,034	0,306
CHR9	16004563	CHR9:16004563	SSF x Far_LoA	-5,98673638	-0,062	0,322

CHR9	16004584	CHR9:16004584	SSF x Far_LoA	-8,62743286	0,011	0,318
CHR9	16014739	CHR9:16014739	SSF x Far_LoA	-1,48207558	0,072	0,303
CHR9	16031254	CHR9:16031254	SSF x Far_LoA	-9,83335537	0,117	0,297
CHR9	1603354	CHR9:1603354	SSF x Far_LoA	-9,940009	-0,054	0,316
CHR9	1603381	CHR9:1603381	SSF x Far_LoA	-11,7960136	-0,016	0,303
CHR9	1603410	CHR9:1603410	SSF x Far_LoA	-10,4667866	0,076	0,310
CHR9	16060696	CHR9:16060696	SSF x Far_LoA	-8,89022676	-0,019	0,327
CHR9	16060767	CHR9:16060767	SSF x Far_LoA	-7,26022621	-0,078	0,304
CHR9	16060769	CHR9:16060769	SSF x Far_LoA	-8,61856	-0,084	0,300
CHR9	16060911	CHR9:16060911	SSF x Far_LoA	-6,82881431	0,080	0,316
CHR9	1608073	CHR9:1608073	SSF x Far_LoA	-9,22100199	0,102	0,307
CHR9	16084903	CHR9:16084903	SSF x Far_LoA	-7,61764378	0,083	0,314
CHR9	16084935	CHR9:16084935	SSF x Far_LoA	-8,3382871	0,086	0,311
CHR9	16084982	CHR9:16084982	SSF x Far_LoA	-8,90712043	0,090	0,307
CHR9	1609894	CHR9:1609894	SSF x Far_LoA	-9,18787735	0,021	0,312
CHR9	1609899	CHR9:1609899	SSF x Far_LoA	-9,0022286	0,079	0,292
CHR9	1610051	CHR9:1610051	SSF x Far_LoA	-9,63091187	-0,071	0,315
CHR9	1610053	CHR9:1610053	SSF x Far_LoA	-11,8741091	-0,040	0,299
CHR9	16107742	CHR9:16107742	SSF x Far_LoA	-7,27832969	0,001	0,303
CHR9	16108157	CHR9:16108157	SSF x Far_LoA	-10,6040782	-0,046	0,303
CHR9	16125252	CHR9:16125252	SSF x Far_LoA	-9,23570054	-0,003	0,313
CHR9	16125380	CHR9:16125380	SSF x Far_LoA	-9,54728719	0,002	0,303
CHR9	16127657	CHR9:16127657	SSF x Far_LoA	-8,86718094	-0,015	0,325
CHR9	16152275	CHR9:16152275	SSF x Far_LoA	-9,19388631	0,014	0,308
CHR9	1615554	CHR9:1615554	SSF x Far_LoA	-10,0153966	-0,069	0,304
CHR9	1615555	CHR9:1615555	SSF x Far_LoA	-12,1735189	-0,053	0,297
CHR9	1615601	CHR9:1615601	SSF x Far_LoA	-9,78695374	0,027	0,316
CHR9	16174896	CHR9:16174896	SSF x Far_LoA	-9,9936111	0,006	0,313
CHR9	16174916	CHR9:16174916	SSF x Far_LoA	-10,6838836	-0,008	0,303
CHR9	16174928	CHR9:16174928	SSF x Far_LoA	-6,50960799	0,065	0,320
CHR9	16174967	CHR9:16174967	SSF x Far_LoA	-9,27710669	0,088	0,319
CHR9	16174993	CHR9:16174993	SSF x Far_LoA	-9,67323847	0,063	0,303
CHR9	16175015	CHR9:16175015	SSF x Far_LoA	-10,2846847	-0,031	0,307
CHR9	16175126	CHR9:16175126	SSF x Far_LoA	-9,09726582	0,019	0,310
CHR9	16186804	CHR9:16186804	SSF x Far_LoA	-8,74414338	0,044	0,306
CHR9	16186953	CHR9:16186953	SSF x Far_LoA	-11,3214652	0,024	0,308
CHR9	16196861	CHR9:16196861	SSF x Far_LoA	-6,56008168	0,099	0,313
CHR9	16197021	CHR9:16197021	SSF x Far_LoA	-9,95663817	0,120	0,307
CHR9	16197062	CHR9:16197062	SSF x Far_LoA	-0,74120235	0,292	0,281
CHR9	16197103	CHR9:16197103	SSF x Far_LoA	-7,84674248	0,135	0,308
CHR9	16207218	CHR9:16207218	SSF x Far_LoA	-8,2461745	-0,064	0,323
CHR9	16207622	CHR9:16207622	SSF x Far_LoA	-7,89597735	-0,053	0,318
CHR9	16210231	CHR9:16210231	SSF x Far_LoA	-9,73435711	0,086	0,317
CHR9	16210477	CHR9:16210477	SSF x Far_LoA	-8,7186836	-0,083	0,311
CHR9	1622807	CHR9:1622807	SSF x Far_LoA	-11,0003453	-0,092	0,289
CHR9	1622832	CHR9:1622832	SSF x Far_LoA	-7,84171841	-0,126	0,287
CHR9	1623844	CHR9:1623844	SSF x Far_LoA	-10,8690045	0,073	0,303
CHR9	1625319	CHR9:1625319	SSF x Far_LoA	-10,0040394	0,056	0,313
CHR9	16283629	CHR9:16283629	SSF x Far_LoA	-9,15554307	-0,036	0,316
CHR9	16288056	CHR9:16288056	SSF x Far_LoA	-8,08893487	0,029	0,308
CHR9	16288230	CHR9:16288230	SSF x Far_LoA	-9,17362774	0,020	0,298
CHR9	16288233	CHR9:16288233	SSF x Far_LoA	-9,01046229	0,025	0,316
CHR9	16288307	CHR9:16288307	SSF x Far_LoA	-11,1448709	0,029	0,301

CHR9	16294539	CHR9:16294539	SSF x Far_LoA	-11,1157597	-0,110	0,305
CHR9	16294641	CHR9:16294641	SSF x Far_LoA	-10,866029	0,040	0,310
CHR9	16303065	CHR9:16303065	SSF x Far_LoA	-9,11676247	-0,039	0,304
CHR9	16305634	CHR9:16305634	SSF x Far_LoA	-8,09903129	0,025	0,327
CHR9	1631421	CHR9:1631421	SSF x Far_LoA	-9,20494664	0,043	0,307
CHR9	1631471	CHR9:1631471	SSF x Far_LoA	4,15372638	-0,064	0,315
CHR9	1631615	CHR9:1631615	SSF x Far_LoA	-11,5571251	0,018	0,302
CHR9	1631622	CHR9:1631622	SSF x Far_LoA	-8,28107847	0,110	0,299
CHR9	1631649	CHR9:1631649	SSF x Far_LoA	-9,4638733	-0,088	0,305
CHR9	16324259	CHR9:16324259	SSF x Far_LoA	-10,001938	-0,009	0,312
CHR9	16327981	CHR9:16327981	SSF x Far_LoA	-8,28762809	0,034	0,306
CHR9	16328002	CHR9:16328002	SSF x Far_LoA	-7,78828761	0,002	0,315
CHR9	16355069	CHR9:16355069	SSF x Far_LoA	-10,2984155	0,027	0,305
CHR9	16355079	CHR9:16355079	SSF x Far_LoA	-7,25283561	0,019	0,318
CHR9	16355085	CHR9:16355085	SSF x Far_LoA	-9,94572083	0,047	0,303
CHR9	16355119	CHR9:16355119	SSF x Far_LoA	-8,69180686	0,015	0,309
CHR9	16357822	CHR9:16357822	SSF x Far_LoA	-8,24823864	-0,052	0,308
CHR9	16389272	CHR9:16389272	SSF x Far_LoA	-8,275453	-0,079	0,304
CHR9	16389400	CHR9:16389400	SSF x Far_LoA	-8,94199954	-0,017	0,305
CHR9	1641687	CHR9:1641687	SSF x Far_LoA	-6,65085922	0,076	0,297
CHR9	1641719	CHR9:1641719	SSF x Far_LoA	-9,8011309	0,082	0,299
CHR9	1641725	CHR9:1641725	SSF x Far_LoA	-8,05846779	0,020	0,321
CHR9	1641729	CHR9:1641729	SSF x Far_LoA	-9,50829741	-0,017	0,302
CHR9	1641733	CHR9:1641733	SSF x Far_LoA	-9,88006129	-0,062	0,299
CHR9	1641832	CHR9:1641832	SSF x Far_LoA	-6,93394817	0,055	0,314
CHR9	1641849	CHR9:1641849	SSF x Far_LoA	-10,0710394	0,006	0,302
CHR9	1641853	CHR9:1641853	SSF x Far_LoA	-10,342144	-0,023	0,292
CHR9	1641868	CHR9:1641868	SSF x Far_LoA	-8,93252998	0,041	0,304
CHR9	16455889	CHR9:16455889	SSF x Far_LoA	-6,98394492	-0,085	0,301
CHR9	16471503	CHR9:16471503	SSF x Far_LoA	-10,8009792	0,023	0,306
CHR9	16471575	CHR9:16471575	SSF x Far_LoA	-11,1852591	0,038	0,302
CHR9	16471607	CHR9:16471607	SSF x Far_LoA	-10,4966457	0,041	0,307
CHR9	16471737	CHR9:16471737	SSF x Far_LoA	-9,90031033	0,050	0,315
CHR9	16481348	CHR9:16481348	SSF x Far_LoA	-4,57703909	-0,191	0,305
CHR9	16489212	CHR9:16489212	SSF x Far_LoA	-8,86182219	-0,006	0,326
CHR9	16489239	CHR9:16489239	SSF x Far_LoA	-8,36803758	0,048	0,316
CHR9	16489267	CHR9:16489267	SSF x Far_LoA	-8,99957518	0,016	0,320
CHR9	16489272	CHR9:16489272	SSF x Far_LoA	-8,43565922	-0,009	0,334
CHR9	16489274	CHR9:16489274	SSF x Far_LoA	-9,02854372	0,036	0,310
CHR9	16489352	CHR9:16489352	SSF x Far_LoA	-8,95203507	0,021	0,307
CHR9	16489428	CHR9:16489428	SSF x Far_LoA	-9,44554823	0,031	0,314
CHR9	16493365	CHR9:16493365	SSF x Far_LoA	-9,13674032	-0,144	0,296
CHR9	16494555	CHR9:16494555	SSF x Far_LoA	-8,42820315	-0,005	0,315
CHR9	16494614	CHR9:16494614	SSF x Far_LoA	-8,7257811	0,020	0,313
CHR9	16494625	CHR9:16494625	SSF x Far_LoA	-8,80813953	-0,004	0,312
CHR9	16494633	CHR9:16494633	SSF x Far_LoA	-0,50154347	-0,007	0,322
CHR9	16494651	CHR9:16494651	SSF x Far_LoA	-8,87683841	-0,016	0,318
CHR9	16494662	CHR9:16494662	SSF x Far_LoA	-8,59474275	0,021	0,310
CHR9	16494664	CHR9:16494664	SSF x Far_LoA	-8,08688186	0,010	0,310
CHR9	16494684	CHR9:16494684	SSF x Far_LoA	-8,89793861	0,013	0,315
CHR9	16501318	CHR9:16501318	SSF x Far_LoA	-0,76196793	-0,159	0,303
CHR9	16501402	CHR9:16501402	SSF x Far_LoA	-7,6523699	-0,151	0,320
CHR9	1654732	CHR9:1654732	SSF x Far_LoA	-10,9059776	0,090	0,300

CHR9	1654822	CHR9:1654822	SSF x Far_LoA	-10,1407127	-0,014	0,300
CHR9	1655029	CHR9:1655029	SSF x Far_LoA	-9,99661959	0,072	0,301
CHR9	16551712	CHR9:16551712	SSF x Far_LoA	-10,0733274	0,065	0,313
CHR9	16554156	CHR9:16554156	SSF x Far_LoA	-10,3297704	-0,108	0,301
CHR9	16569217	CHR9:16569217	SSF x Far_LoA	-10,9885025	-0,012	0,316
CHR9	16575404	CHR9:16575404	SSF x Far_LoA	-8,37709978	-0,158	0,306
CHR9	16598757	CHR9:16598757	SSF x Far_LoA	-8,34143014	0,143	0,315
CHR9	16598877	CHR9:16598877	SSF x Far_LoA	-9,54972339	0,067	0,305
CHR9	16598889	CHR9:16598889	SSF x Far_LoA	-9,15275472	0,072	0,320
CHR9	16606929	CHR9:16606929	SSF x Far_LoA	-4,0820698	0,109	0,309
CHR9	16607047	CHR9:16607047	SSF x Far_LoA	-7,96551838	-0,035	0,303
CHR9	16607088	CHR9:16607088	SSF x Far_LoA	-8,45796365	-0,003	0,311
CHR9	16634732	CHR9:16634732	SSF x Far_LoA	-9,95643731	-0,055	0,307
CHR9	16634761	CHR9:16634761	SSF x Far_LoA	-9,33612392	-0,068	0,306
CHR9	16634820	CHR9:16634820	SSF x Far_LoA	-3,93006351	-0,083	0,318
CHR9	16643637	CHR9:16643637	SSF x Far_LoA	-10,2618917	-0,099	0,305
CHR9	16643646	CHR9:16643646	SSF x Far_LoA	-8,27397315	0,053	0,306
CHR9	16643697	CHR9:16643697	SSF x Far_LoA	-7,59601643	0,060	0,301
CHR9	16643700	CHR9:16643700	SSF x Far_LoA	-6,39271254	0,067	0,319
CHR9	16650456	CHR9:16650456	SSF x Far_LoA	-10,7404026	0,121	0,293
CHR9	16650728	CHR9:16650728	SSF x Far_LoA	-8,80257603	0,074	0,299
CHR9	16650819	CHR9:16650819	SSF x Far_LoA	-6,52429568	0,081	0,292
CHR9	16669899	CHR9:16669899	SSF x Far_LoA	-11,1739886	0,004	0,298
CHR9	16669903	CHR9:16669903	SSF x Far_LoA	-9,6069582	-0,004	0,315
CHR9	16669922	CHR9:16669922	SSF x Far_LoA	-8,83470682	-0,031	0,316
CHR9	16669968	CHR9:16669968	SSF x Far_LoA	-9,26705632	0,038	0,316
CHR9	16670018	CHR9:16670018	SSF x Far_LoA	-7,8530968	-0,037	0,306
CHR9	16670034	CHR9:16670034	SSF x Far_LoA	-8,0719402	0,065	0,317
CHR9	16670084	CHR9:16670084	SSF x Far_LoA	-9,31312366	-0,014	0,287
CHR9	16670113	CHR9:16670113	SSF x Far_LoA	-11,5934915	-0,033	0,299
CHR9	16670125	CHR9:16670125	SSF x Far_LoA	-11,7140537	-0,005	0,303
CHR9	16699610	CHR9:16699610	SSF x Far_LoA	-7,87113809	-0,132	0,296
CHR9	16699612	CHR9:16699612	SSF x Far_LoA	-10,7311581	0,033	0,297
CHR9	16699706	CHR9:16699706	SSF x Far_LoA	-7,99722688	-0,046	0,306
CHR9	16700769	CHR9:16700769	SSF x Far_LoA	-10,2059801	0,005	0,302
CHR9	16706564	CHR9:16706564	SSF x Far_LoA	-9,74395265	-0,101	0,295
CHR9	16714075	CHR9:16714075	SSF x Far_LoA	-7,29306243	0,089	0,303
CHR9	16714154	CHR9:16714154	SSF x Far_LoA	-8,40630771	0,096	0,311
CHR9	16714248	CHR9:16714248	SSF x Far_LoA	-8,92092472	-0,015	0,306
CHR9	16715748	CHR9:16715748	SSF x Far_LoA	-11,9797919	0,042	0,296
CHR9	16715751	CHR9:16715751	SSF x Far_LoA	-9,45358634	0,039	0,290
CHR9	16728514	CHR9:16728514	SSF x Far_LoA	-9,41320776	-0,016	0,297
CHR9	16737538	CHR9:16737538	SSF x Far_LoA	-11,5008309	0,088	0,315
CHR9	1675260	CHR9:1675260	SSF x Far_LoA	-12,0587921	0,049	0,303
CHR9	1675426	CHR9:1675426	SSF x Far_LoA	-9,30099672	-0,080	0,322
CHR9	1675458	CHR9:1675458	SSF x Far_LoA	-7,3127476	0,076	0,300
CHR9	1675541	CHR9:1675541	SSF x Far_LoA	-10,0766196	-0,023	0,307
CHR9	16761479	CHR9:16761479	SSF x Far_LoA	-8,98269827	0,028	0,317
CHR9	16761607	CHR9:16761607	SSF x Far_LoA	-7,79124248	-0,053	0,325
CHR9	16761645	CHR9:16761645	SSF x Far_LoA	-6,45776513	-0,075	0,305
CHR9	16761765	CHR9:16761765	SSF x Far_LoA	-7,92140409	-0,077	0,313
CHR9	16784121	CHR9:16784121	SSF x Far_LoA	-7,13924611	0,027	0,311
CHR9	16788292	CHR9:16788292	SSF x Far_LoA	-8,13992954	-0,097	0,310

CHR9	16788361	CHR9:16788361	SSF x Far_LoA	-7,85388056	0,094	0,301
CHR9	16788364	CHR9:16788364	SSF x Far_LoA	-11,9008748	0,031	0,318
CHR9	16788366	CHR9:16788366	SSF x Far_LoA	-11,9673127	0,053	0,308
CHR9	16788368	CHR9:16788368	SSF x Far_LoA	-12,2703285	0,041	0,298
CHR9	16788372	CHR9:16788372	SSF x Far_LoA	-4,97800718	-0,108	0,305
CHR9	16788422	CHR9:16788422	SSF x Far_LoA	-8,29886799	0,121	0,289
CHR9	16793109	CHR9:16793109	SSF x Far_LoA	-7,93549752	-0,056	0,305
CHR9	16793120	CHR9:16793120	SSF x Far_LoA	-10,0444815	-0,037	0,314
CHR9	16794428	CHR9:16794428	SSF x Far_LoA	-9,26864357	0,033	0,319
CHR9	16794459	CHR9:16794459	SSF x Far_LoA	-10,3145925	-0,038	0,311
CHR9	16796348	CHR9:16796348	SSF x Far_LoA	-9,18377196	-0,010	0,315
CHR9	16804190	CHR9:16804190	SSF x Far_LoA	-8,66255542	-0,087	0,304
CHR9	16804271	CHR9:16804271	SSF x Far_LoA	-8,69128931	-0,060	0,306
CHR9	16804283	CHR9:16804283	SSF x Far_LoA	-9,29931	-0,022	0,317
CHR9	16804326	CHR9:16804326	SSF x Far_LoA	-10,2149852	-0,031	0,307
CHR9	16809042	CHR9:16809042	SSF x Far_LoA	-8,75735509	-0,022	0,312
CHR9	16820686	CHR9:16820686	SSF x Far_LoA	-9,35742441	0,026	0,300
CHR9	16830452	CHR9:16830452	SSF x Far_LoA	-8,17045412	-0,075	0,317
CHR9	16830544	CHR9:16830544	SSF x Far_LoA	-9,06375515	0,044	0,299
CHR9	16832412	CHR9:16832412	SSF x Far_LoA	-9,62107891	-0,027	0,303
CHR9	1683944	CHR9:1683944	SSF x Far_LoA	-4,63882331	-0,009	0,304
CHR9	1684023	CHR9:1684023	SSF x Far_LoA	-7,66784709	0,108	0,299
CHR9	16841082	CHR9:16841082	SSF x Far_LoA	-9,52538212	0,041	0,291
CHR9	16841084	CHR9:16841084	SSF x Far_LoA	-11,3776883	0,015	0,307
CHR9	16841222	CHR9:16841222	SSF x Far_LoA	-8,22277457	0,003	0,302
CHR9	16841264	CHR9:16841264	SSF x Far_LoA	-7,14671842	-0,023	0,316
CHR9	1684143	CHR9:1684143	SSF x Far_LoA	-10,3661967	0,007	0,300
CHR9	16843965	CHR9:16843965	SSF x Far_LoA	-9,63205765	0,015	0,307
CHR9	16844420	CHR9:16844420	SSF x Far_LoA	-9,06183345	0,022	0,305
CHR9	1687723	CHR9:1687723	SSF x Far_LoA	-11,2208763	0,083	0,298
CHR9	1687756	CHR9:1687756	SSF x Far_LoA	-5,5614698	0,045	0,313
CHR9	1687776	CHR9:1687776	SSF x Far_LoA	-7,58996897	-0,049	0,318
CHR9	1687807	CHR9:1687807	SSF x Far_LoA	-9,43787438	-0,084	0,303
CHR9	1687849	CHR9:1687849	SSF x Far_LoA	-12,2121541	0,042	0,299
CHR9	1688526	CHR9:1688526	SSF x Far_LoA	-8,16892788	0,068	0,321
CHR9	1688595	CHR9:1688595	SSF x Far_LoA	-11,2302854	-0,054	0,296
CHR9	16891968	CHR9:16891968	SSF x Far_LoA	-10,5182171	-0,007	0,300
CHR9	16892154	CHR9:16892154	SSF x Far_LoA	-8,69255316	-0,042	0,304
CHR9	16892190	CHR9:16892190	SSF x Far_LoA	-10,3744527	0,014	0,303
CHR9	16925533	CHR9:16925533	SSF x Far_LoA	-8,24864415	0,009	0,317
CHR9	16932151	CHR9:16932151	SSF x Far_LoA	-9,83715574	-0,017	0,302
CHR9	16956741	CHR9:16956741	SSF x Far_LoA	-8,57033914	0,115	0,309
CHR9	16966176	CHR9:16966176	SSF x Far_LoA	-2,37034781	0,094	0,319
CHR9	16980342	CHR9:16980342	SSF x Far_LoA	-8,21706289	0,051	0,317
CHR9	17018199	CHR9:17018199	SSF x Far_LoA	-4,20681303	-0,073	0,325
CHR9	17018218	CHR9:17018218	SSF x Far_LoA	-11,5753503	0,008	0,293
CHR9	17032050	CHR9:17032050	SSF x Far_LoA	-5,4680996	-0,039	0,313
CHR9	17032135	CHR9:17032135	SSF x Far_LoA	-6,16895123	-0,097	0,313
CHR9	17043311	CHR9:17043311	SSF x Far_LoA	-7,81636443	0,170	0,286
CHR9	17045342	CHR9:17045342	SSF x Far_LoA	-8,12805273	-0,049	0,304
CHR9	17054589	CHR9:17054589	SSF x Far_LoA	-6,93170457	-0,156	0,306
CHR9	17054609	CHR9:17054609	SSF x Far_LoA	-5,00651467	-0,194	0,312
CHR9	17054822	CHR9:17054822	SSF x Far_LoA	-11,1273412	-0,080	0,308

CHR9	17054919	CHR9:17054919	SSF x Far_LoA	-10,6298277	0,014	0,314
CHR9	17054953	CHR9:17054953	SSF x Far_LoA	-9,70271172	-0,106	0,302
CHR9	1706014	CHR9:1706014	SSF x Far_LoA	-9,8807761	0,092	0,316
CHR9	1706060	CHR9:1706060	SSF x Far_LoA	-9,70935569	0,125	0,310
CHR9	17072733	CHR9:17072733	SSF x Far_LoA	-11,8056108	-0,007	0,302
CHR9	17072735	CHR9:17072735	SSF x Far_LoA	-8,84957804	0,026	0,297
CHR9	17075266	CHR9:17075266	SSF x Far_LoA	-9,46396798	0,048	0,304
CHR9	17075274	CHR9:17075274	SSF x Far_LoA	-8,70144008	0,072	0,316
CHR9	17075278	CHR9:17075278	SSF x Far_LoA	-8,24989376	0,040	0,301
CHR9	17075346	CHR9:17075346	SSF x Far_LoA	-10,7840283	0,031	0,306
CHR9	17075423	CHR9:17075423	SSF x Far_LoA	-11,5704314	-0,001	0,315
CHR9	17075433	CHR9:17075433	SSF x Far_LoA	-10,5997918	0,097	0,302
CHR9	17075473	CHR9:17075473	SSF x Far_LoA	-10,3424255	-0,084	0,321
CHR9	17080219	CHR9:17080219	SSF x Far_LoA	-10,5618383	-0,028	0,305
CHR9	17087219	CHR9:17087219	SSF x Far_LoA	-8,91694733	-0,058	0,302
CHR9	17087237	CHR9:17087237	SSF x Far_LoA	-8,42661776	0,021	0,313
CHR9	17087277	CHR9:17087277	SSF x Far_LoA	-8,73697866	0,072	0,297
CHR9	17087281	CHR9:17087281	SSF x Far_LoA	-9,05568566	-0,005	0,310
CHR9	17087291	CHR9:17087291	SSF x Far_LoA	-9,86520763	-0,009	0,312
CHR9	1708795	CHR9:1708795	SSF x Far_LoA	-11,224265	0,079	0,313
CHR9	17087983	CHR9:17087983	SSF x Far_LoA	-8,86707952	-0,120	0,296
CHR9	17095054	CHR9:17095054	SSF x Far_LoA	-7,3194356	-0,130	0,297
CHR9	17095064	CHR9:17095064	SSF x Far_LoA	-10,2988753	-0,109	0,298
CHR9	17095085	CHR9:17095085	SSF x Far_LoA	-5,21840715	-0,046	0,312
CHR9	17095086	CHR9:17095086	SSF x Far_LoA	-7,15141223	0,118	0,318
CHR9	17095090	CHR9:17095090	SSF x Far_LoA	-8,50502427	-0,044	0,295
CHR9	17095104	CHR9:17095104	SSF x Far_LoA	0,58756725	-0,047	0,318
CHR9	17095130	CHR9:17095130	SSF x Far_LoA	-8,41886736	0,112	0,300
CHR9	17095142	CHR9:17095142	SSF x Far_LoA	-8,94515401	-0,040	0,298
CHR9	17095153	CHR9:17095153	SSF x Far_LoA	-9,13322772	-0,038	0,306
CHR9	17095158	CHR9:17095158	SSF x Far_LoA	-9,26599001	-0,037	0,299
CHR9	17095169	CHR9:17095169	SSF x Far_LoA	-9,25489289	-0,043	0,300
CHR9	17122725	CHR9:17122725	SSF x Far_LoA	-7,73062958	-0,077	0,310
CHR9	17122731	CHR9:17122731	SSF x Far_LoA	-4,7846098	-0,058	0,317
CHR9	17131669	CHR9:17131669	SSF x Far_LoA	-7,68167571	0,090	0,317
CHR9	17131697	CHR9:17131697	SSF x Far_LoA	-7,858127	0,114	0,304
CHR9	17131728	CHR9:17131728	SSF x Far_LoA	-6,98156388	0,178	0,310
CHR9	17131778	CHR9:17131778	SSF x Far_LoA	-7,17454538	-0,073	0,318
CHR9	17131790	CHR9:17131790	SSF x Far_LoA	-9,84502338	-0,094	0,306
CHR9	17131804	CHR9:17131804	SSF x Far_LoA	-10,0035822	0,019	0,304
CHR9	17131823	CHR9:17131823	SSF x Far_LoA	-10,3225364	0,047	0,310
CHR9	17131883	CHR9:17131883	SSF x Far_LoA	-7,8206715	0,087	0,313
CHR9	1713494	CHR9:1713494	SSF x Far_LoA	-10,2569427	-0,022	0,298
CHR9	1713590	CHR9:1713590	SSF x Far_LoA	-11,3077512	-0,093	0,306
CHR9	17137083	CHR9:17137083	SSF x Far_LoA	-8,32810698	-0,140	0,296
CHR9	17137086	CHR9:17137086	SSF x Far_LoA	-8,14611385	-0,101	0,300
CHR9	17146307	CHR9:17146307	SSF x Far_LoA	-10,1315165	0,058	0,314
CHR9	17146369	CHR9:17146369	SSF x Far_LoA	-8,7671636	-0,091	0,311
CHR9	17146381	CHR9:17146381	SSF x Far_LoA	-6,76752398	-0,090	0,300
CHR9	17146402	CHR9:17146402	SSF x Far_LoA	-10,8954547	0,120	0,301
CHR9	17146413	CHR9:17146413	SSF x Far_LoA	-7,6094298	-0,069	0,315
CHR9	17146422	CHR9:17146422	SSF x Far_LoA	-9,21934411	-0,079	0,302
CHR9	17150352	CHR9:17150352	SSF x Far_LoA	-8,83749534	0,065	0,300

CHR9	17156322	CHR9:17156322	SSF x Far_LoA	-10,253813	0,053	0,309
CHR9	17156382	CHR9:17156382	SSF x Far_LoA	-9,98431511	0,060	0,301
CHR9	17156409	CHR9:17156409	SSF x Far_LoA	-7,89046548	0,021	0,313
CHR9	17156428	CHR9:17156428	SSF x Far_LoA	-9,3345983	0,046	0,300
CHR9	17164090	CHR9:17164090	SSF x Far_LoA	-10,5466446	-0,017	0,301
CHR9	17164131	CHR9:17164131	SSF x Far_LoA	-9,13547744	-0,029	0,319
CHR9	17164135	CHR9:17164135	SSF x Far_LoA	-7,48928242	-0,098	0,301
CHR9	17164146	CHR9:17164146	SSF x Far_LoA	-8,34695471	0,041	0,307
CHR9	17165227	CHR9:17165227	SSF x Far_LoA	-0,34676392	0,104	0,309
CHR9	17166419	CHR9:17166419	SSF x Far_LoA	-10,1426702	0,023	0,310
CHR9	17166513	CHR9:17166513	SSF x Far_LoA	-11,4313122	-0,067	0,299
CHR9	17166623	CHR9:17166623	SSF x Far_LoA	-8,54507375	0,107	0,294
CHR9	17166656	CHR9:17166656	SSF x Far_LoA	-11,5102744	-0,053	0,309
CHR9	17170092	CHR9:17170092	SSF x Far_LoA	-1,52515258	-0,056	0,310
CHR9	17170096	CHR9:17170096	SSF x Far_LoA	-10,1689361	-0,015	0,306
CHR9	17170100	CHR9:17170100	SSF x Far_LoA	-8,89856227	-0,038	0,292
CHR9	17170104	CHR9:17170104	SSF x Far_LoA	-8,17870251	0,024	0,319
CHR9	17173636	CHR9:17173636	SSF x Far_LoA	-9,06308696	0,002	0,306
CHR9	17173641	CHR9:17173641	SSF x Far_LoA	-11,6183777	-0,078	0,293
CHR9	17173642	CHR9:17173642	SSF x Far_LoA	-9,20039049	0,000	0,308
CHR9	17173669	CHR9:17173669	SSF x Far_LoA	-6,02366486	0,053	0,311
CHR9	17173682	CHR9:17173682	SSF x Far_LoA	-11,5997766	0,002	0,300
CHR9	17173684	CHR9:17173684	SSF x Far_LoA	-8,11830089	0,032	0,288
CHR9	17180022	CHR9:17180022	SSF x Far_LoA	-8,49221373	0,004	0,320
CHR9	17190075	CHR9:17190075	SSF x Far_LoA	-8,65487979	0,052	0,313
CHR9	17190091	CHR9:17190091	SSF x Far_LoA	-10,7198925	-0,073	0,313
CHR9	17214407	CHR9:17214407	SSF x Far_LoA	-9,20436834	-0,092	0,307
CHR9	17214711	CHR9:17214711	SSF x Far_LoA	-6,46494509	0,154	0,294
CHR9	17214729	CHR9:17214729	SSF x Far_LoA	-10,3365963	-0,137	0,313
CHR9	17214733	CHR9:17214733	SSF x Far_LoA	-8,35899533	0,070	0,304
CHR9	17218618	CHR9:17218618	SSF x Far_LoA	-7,03816357	0,080	0,302
CHR9	17218642	CHR9:17218642	SSF x Far_LoA	-8,02039457	0,108	0,310
CHR9	17218643	CHR9:17218643	SSF x Far_LoA	-9,48542947	0,006	0,312
CHR9	17218656	CHR9:17218656	SSF x Far_LoA	-9,20252841	0,092	0,294
CHR9	17218664	CHR9:17218664	SSF x Far_LoA	-8,05515733	-0,060	0,305
CHR9	17218681	CHR9:17218681	SSF x Far_LoA	-10,7503657	-0,013	0,296
CHR9	17218708	CHR9:17218708	SSF x Far_LoA	-8,59091168	-0,006	0,303
CHR9	17230172	CHR9:17230172	SSF x Far_LoA	6,57742591	-0,089	0,303
CHR9	17230182	CHR9:17230182	SSF x Far_LoA	-9,40155772	0,158	0,291
CHR9	17234170	CHR9:17234170	SSF x Far_LoA	-8,49161772	-0,063	0,309
CHR9	17234177	CHR9:17234177	SSF x Far_LoA	-5,63080402	0,001	0,307
CHR9	17238454	CHR9:17238454	SSF x Far_LoA	-7,93843414	0,189	0,286
CHR9	17238458	CHR9:17238458	SSF x Far_LoA	-10,0808062	-0,070	0,308
CHR9	17238460	CHR9:17238460	SSF x Far_LoA	-11,0690644	-0,085	0,309
CHR9	1727797	CHR9:1727797	SSF x Far_LoA	-11,6401271	-0,039	0,298
CHR9	17287501	CHR9:17287501	SSF x Far_LoA	-10,8112045	0,127	0,290
CHR9	17287600	CHR9:17287600	SSF x Far_LoA	-9,55232731	-0,037	0,298
CHR9	17287615	CHR9:17287615	SSF x Far_LoA	-8,88165752	-0,163	0,295
CHR9	17287625	CHR9:17287625	SSF x Far_LoA	-9,97651666	0,013	0,299
CHR9	17287628	CHR9:17287628	SSF x Far_LoA	-6,63777924	0,028	0,296
CHR9	17287632	CHR9:17287632	SSF x Far_LoA	-8,74525404	0,029	0,302
CHR9	17287657	CHR9:17287657	SSF x Far_LoA	-9,52803753	-0,057	0,313
CHR9	17287660	CHR9:17287660	SSF x Far_LoA	-10,2318988	-0,055	0,298

CHR9	17287703	CHR9:17287703	SSF x Far_LoA	-5,14999456	-0,015	0,296
CHR9	17287716	CHR9:17287716	SSF x Far_LoA	-9,85291582	-0,043	0,314
CHR9	17287734	CHR9:17287734	SSF x Far_LoA	-7,5000528	0,103	0,311
CHR9	17287736	CHR9:17287736	SSF x Far_LoA	-11,1494545	-0,073	0,306
CHR9	1729586	CHR9:1729586	SSF x Far_LoA	-8,31051304	0,082	0,313
CHR9	17307961	CHR9:17307961	SSF x Far_LoA	-11,0880502	-0,046	0,296
CHR9	17311698	CHR9:17311698	SSF x Far_LoA	-8,65226205	-0,036	0,304
CHR9	17311812	CHR9:17311812	SSF x Far_LoA	-7,98463145	0,051	0,311
CHR9	17323512	CHR9:17323512	SSF x Far_LoA	-9,13000365	-0,050	0,311
CHR9	17328460	CHR9:17328460	SSF x Far_LoA	-9,25414107	0,106	0,298
CHR9	17328481	CHR9:17328481	SSF x Far_LoA	-10,913575	0,045	0,301
CHR9	17328524	CHR9:17328524	SSF x Far_LoA	-7,77254637	-0,078	0,324
CHR9	1733563	CHR9:1733563	SSF x Far_LoA	-8,43421068	0,042	0,310
CHR9	1733598	CHR9:1733598	SSF x Far_LoA	-11,1810293	0,037	0,307
CHR9	17340369	CHR9:17340369	SSF x Far_LoA	-8,80437324	-0,077	0,308
CHR9	17340411	CHR9:17340411	SSF x Far_LoA	-9,4748372	-0,092	0,307
CHR9	17358634	CHR9:17358634	SSF x Far_LoA	-6,75559655	-0,112	0,316
CHR9	17358732	CHR9:17358732	SSF x Far_LoA	-8,67994439	0,208	0,286
CHR9	17360513	CHR9:17360513	SSF x Far_LoA	-9,82669888	0,007	0,309
CHR9	17360515	CHR9:17360515	SSF x Far_LoA	-10,3880156	-0,041	0,311
CHR9	17360529	CHR9:17360529	SSF x Far_LoA	-10,3268897	-0,018	0,320
CHR9	1736299	CHR9:1736299	SSF x Far_LoA	-8,50448856	0,139	0,296
CHR9	17369496	CHR9:17369496	SSF x Far_LoA	-7,8267264	0,095	0,311
CHR9	17369499	CHR9:17369499	SSF x Far_LoA	-8,55804738	0,126	0,292
CHR9	17369529	CHR9:17369529	SSF x Far_LoA	-5,20917411	-0,150	0,299
CHR9	17369540	CHR9:17369540	SSF x Far_LoA	-9,08216693	0,108	0,305
CHR9	17369555	CHR9:17369555	SSF x Far_LoA	-2,25506258	-0,126	0,307
CHR9	17369559	CHR9:17369559	SSF x Far_LoA	-6,46006013	-0,150	0,296
CHR9	17369601	CHR9:17369601	SSF x Far_LoA	-1,53765003	-0,207	0,301
CHR9	17369604	CHR9:17369604	SSF x Far_LoA	-9,81203416	0,001	0,325
CHR9	17388642	CHR9:17388642	SSF x Far_LoA	-8,3204054	0,105	0,317
CHR9	17388673	CHR9:17388673	SSF x Far_LoA	-9,34791439	0,038	0,301
CHR9	17388674	CHR9:17388674	SSF x Far_LoA	-8,19654326	0,037	0,323
CHR9	17388744	CHR9:17388744	SSF x Far_LoA	-2,65873952	-0,039	0,321
CHR9	17395665	CHR9:17395665	SSF x Far_LoA	-7,22865219	-0,076	0,319
CHR9	17395934	CHR9:17395934	SSF x Far_LoA	-9,53525792	-0,016	0,304
CHR9	17406793	CHR9:17406793	SSF x Far_LoA	-9,24317049	0,011	0,307
CHR9	17406812	CHR9:17406812	SSF x Far_LoA	-10,7577798	-0,020	0,324
CHR9	17406827	CHR9:17406827	SSF x Far_LoA	-5,08543525	-0,200	0,285
CHR9	17406835	CHR9:17406835	SSF x Far_LoA	-3,29211828	-0,161	0,297
CHR9	17406836	CHR9:17406836	SSF x Far_LoA	-4,83696621	-0,174	0,297
CHR9	17406895	CHR9:17406895	SSF x Far_LoA	-9,55659773	0,028	0,300
CHR9	17406941	CHR9:17406941	SSF x Far_LoA	-9,14926779	0,037	0,310
CHR9	17407035	CHR9:17407035	SSF x Far_LoA	-8,13832855	0,015	0,305
CHR9	17412199	CHR9:17412199	SSF x Far_LoA	-11,1517827	0,010	0,307
CHR9	17412221	CHR9:17412221	SSF x Far_LoA	-4,21209531	-0,069	0,299
CHR9	17412257	CHR9:17412257	SSF x Far_LoA	-8,9756815	0,029	0,296
CHR9	17412262	CHR9:17412262	SSF x Far_LoA	-8,47408077	0,091	0,297
CHR9	17412276	CHR9:17412276	SSF x Far_LoA	-8,97628476	0,087	0,298
CHR9	17413366	CHR9:17413366	SSF x Far_LoA	-9,34156799	-0,097	0,300
CHR9	17413410	CHR9:17413410	SSF x Far_LoA	-8,91580839	-0,061	0,308
CHR9	17413432	CHR9:17413432	SSF x Far_LoA	-8,3050231	-0,071	0,312
CHR9	17413450	CHR9:17413450	SSF x Far_LoA	-8,91277059	-0,086	0,311

CHR9	17413616	CHR9:17413616	SSF x Far_LoA	-7,30133394	-0,083	0,304
CHR9	17415842	CHR9:17415842	SSF x Far_LoA	-9,91213206	0,027	0,306
CHR9	17415862	CHR9:17415862	SSF x Far_LoA	-9,30108153	-0,037	0,305
CHR9	17415944	CHR9:17415944	SSF x Far_LoA	-10,2114544	-0,004	0,315
CHR9	17415947	CHR9:17415947	SSF x Far_LoA	-9,19329136	0,014	0,308
CHR9	17415955	CHR9:17415955	SSF x Far_LoA	-8,74080062	0,022	0,314
CHR9	17440249	CHR9:17440249	SSF x Far_LoA	-7,88062458	0,124	0,297
CHR9	17440403	CHR9:17440403	SSF x Far_LoA	-7,98572596	-0,048	0,313
CHR9	17440444	CHR9:17440444	SSF x Far_LoA	-7,47009086	0,078	0,300
CHR9	17440474	CHR9:17440474	SSF x Far_LoA	-9,10140204	0,047	0,294
CHR9	17440475	CHR9:17440475	SSF x Far_LoA	-8,09022554	0,022	0,298
CHR9	17442861	CHR9:17442861	SSF x Far_LoA	-9,498928	0,099	0,293
CHR9	17442882	CHR9:17442882	SSF x Far_LoA	-8,5993848	0,072	0,314
CHR9	17449546	CHR9:17449546	SSF x Far_LoA	-9,19586111	0,031	0,317
CHR9	17449549	CHR9:17449549	SSF x Far_LoA	1,03491537	0,036	0,323
CHR9	17452369	CHR9:17452369	SSF x Far_LoA	-9,55484439	-0,124	0,302
CHR9	17452392	CHR9:17452392	SSF x Far_LoA	-7,67506497	0,071	0,300
CHR9	17452446	CHR9:17452446	SSF x Far_LoA	-7,25140704	0,107	0,312
CHR9	1748336	CHR9:1748336	SSF x Far_LoA	-10,6169075	0,013	0,318
CHR9	17487144	CHR9:17487144	SSF x Far_LoA	-9,44516347	-0,070	0,326
CHR9	17487164	CHR9:17487164	SSF x Far_LoA	-9,20964057	-0,011	0,308
CHR9	17490874	CHR9:17490874	SSF x Far_LoA	-8,3575754	-0,123	0,310
CHR9	17490885	CHR9:17490885	SSF x Far_LoA	-9,26031931	0,028	0,311
CHR9	17490930	CHR9:17490930	SSF x Far_LoA	-10,5371251	0,039	0,317
CHR9	17498996	CHR9:17498996	SSF x Far_LoA	-8,36873258	0,010	0,325
CHR9	17498997	CHR9:17498997	SSF x Far_LoA	-8,49105089	0,063	0,320
CHR9	17499069	CHR9:17499069	SSF x Far_LoA	-10,4125375	-0,020	0,305
CHR9	17500813	CHR9:17500813	SSF x Far_LoA	-8,59340014	-0,019	0,299
CHR9	17500826	CHR9:17500826	SSF x Far_LoA	-8,22803113	-0,002	0,306
CHR9	1750577	CHR9:1750577	SSF x Far_LoA	-8,55081615	-0,156	0,296
CHR9	1750638	CHR9:1750638	SSF x Far_LoA	-11,8375304	-0,065	0,303
CHR9	17508094	CHR9:17508094	SSF x Far_LoA	-9,94911533	0,181	0,287
CHR9	17508197	CHR9:17508197	SSF x Far_LoA	-8,33669307	-0,141	0,300
CHR9	17508220	CHR9:17508220	SSF x Far_LoA	-6,08978976	0,133	0,304
CHR9	17508254	CHR9:17508254	SSF x Far_LoA	-4,81218623	-0,136	0,307
CHR9	17508285	CHR9:17508285	SSF x Far_LoA	-6,19972298	0,158	0,299
CHR9	17508301	CHR9:17508301	SSF x Far_LoA	-7,80946794	-0,106	0,310
CHR9	17508307	CHR9:17508307	SSF x Far_LoA	-6,8544172	-0,076	0,308
CHR9	17515819	CHR9:17515819	SSF x Far_LoA	-11,5073506	0,032	0,281
CHR9	17515862	CHR9:17515862	SSF x Far_LoA	-9,19534067	0,053	0,296
CHR9	17517468	CHR9:17517468	SSF x Far_LoA	-7,63154245	-0,091	0,302
CHR9	17517486	CHR9:17517486	SSF x Far_LoA	-8,46531997	-0,134	0,299
CHR9	17517503	CHR9:17517503	SSF x Far_LoA	-7,66161392	-0,129	0,293
CHR9	17517545	CHR9:17517545	SSF x Far_LoA	-9,04562262	-0,033	0,293
CHR9	17517558	CHR9:17517558	SSF x Far_LoA	-8,15731157	0,078	0,305
CHR9	17517596	CHR9:17517596	SSF x Far_LoA	-6,92194462	-0,031	0,302
CHR9	17517612	CHR9:17517612	SSF x Far_LoA	-8,03138508	0,060	0,281
CHR9	17517623	CHR9:17517623	SSF x Far_LoA	-6,53099441	0,016	0,308
CHR9	17517662	CHR9:17517662	SSF x Far_LoA	-6,13466694	-0,198	0,289
CHR9	17521087	CHR9:17521087	SSF x Far_LoA	-9,20903855	-0,105	0,294
CHR9	1753300	CHR9:1753300	SSF x Far_LoA	-11,2575781	0,004	0,304
CHR9	1753381	CHR9:1753381	SSF x Far_LoA	-10,4859187	-0,008	0,279
CHR9	1753434	CHR9:1753434	SSF x Far_LoA	-11,3967801	-0,026	0,320

CHR9	17539002	CHR9:17539002	SSF x Far_LoA	-4,45642014	0,077	0,303
CHR9	17539044	CHR9:17539044	SSF x Far_LoA	-11,0490046	0,003	0,317
CHR9	17539078	CHR9:17539078	SSF x Far_LoA	-8,04244439	-0,027	0,310
CHR9	17548265	CHR9:17548265	SSF x Far_LoA	-8,78251705	-0,041	0,310
CHR9	17548284	CHR9:17548284	SSF x Far_LoA	-10,5573878	-0,012	0,323
CHR9	17548295	CHR9:17548295	SSF x Far_LoA	-8,46063949	-0,153	0,297
CHR9	17548341	CHR9:17548341	SSF x Far_LoA	-5,69282042	-0,111	0,310
CHR9	17548352	CHR9:17548352	SSF x Far_LoA	-6,44372613	-0,105	0,315
CHR9	17548353	CHR9:17548353	SSF x Far_LoA	-7,43961627	-0,131	0,297
CHR9	17552486	CHR9:17552486	SSF x Far_LoA	-9,17804684	-0,022	0,315
CHR9	17552539	CHR9:17552539	SSF x Far_LoA	-10,9950594	0,059	0,299
CHR9	17552541	CHR9:17552541	SSF x Far_LoA	-8,48885006	0,011	0,310
CHR9	17561057	CHR9:17561057	SSF x Far_LoA	-6,96389787	0,074	0,310
CHR9	17562734	CHR9:17562734	SSF x Far_LoA	-8,73074887	-0,116	0,306
CHR9	17562803	CHR9:17562803	SSF x Far_LoA	-7,65781015	-0,110	0,306
CHR9	17595618	CHR9:17595618	SSF x Far_LoA	-10,0761283	-0,027	0,307
CHR9	17595643	CHR9:17595643	SSF x Far_LoA	-9,2528342	-0,044	0,299
CHR9	17600659	CHR9:17600659	SSF x Far_LoA	-8,53777329	0,005	0,307
CHR9	17601106	CHR9:17601106	SSF x Far_LoA	-3,1521204	-0,025	0,320
CHR9	17601126	CHR9:17601126	SSF x Far_LoA	-10,2420971	-0,043	0,323
CHR9	17601164	CHR9:17601164	SSF x Far_LoA	-9,56794399	0,058	0,298
CHR9	17601171	CHR9:17601171	SSF x Far_LoA	-10,2645652	0,001	0,316
CHR9	17607478	CHR9:17607478	SSF x Far_LoA	-6,80556496	-0,050	0,294
CHR9	17607638	CHR9:17607638	SSF x Far_LoA	-11,2597991	-0,082	0,292
CHR9	17616755	CHR9:17616755	SSF x Far_LoA	-0,38409179	-0,145	0,305
CHR9	17628508	CHR9:17628508	SSF x Far_LoA	-6,37031438	0,161	0,299
CHR9	17628509	CHR9:17628509	SSF x Far_LoA	-3,92281854	0,170	0,298
CHR9	17628610	CHR9:17628610	SSF x Far_LoA	-9,90382871	0,013	0,294
CHR9	17628662	CHR9:17628662	SSF x Far_LoA	-10,3817176	-0,027	0,313
CHR9	17633775	CHR9:17633775	SSF x Far_LoA	-8,39449381	-0,111	0,311
CHR9	17633793	CHR9:17633793	SSF x Far_LoA	-9,8400038	-0,090	0,299
CHR9	17633851	CHR9:17633851	SSF x Far_LoA	-10,258154	-0,096	0,312
CHR9	17633898	CHR9:17633898	SSF x Far_LoA	-11,0943835	-0,081	0,304
CHR9	17633932	CHR9:17633932	SSF x Far_LoA	-3,86034042	0,084	0,304
CHR9	17633980	CHR9:17633980	SSF x Far_LoA	-9,94124683	-0,014	0,315
CHR9	17633988	CHR9:17633988	SSF x Far_LoA	-6,40276467	0,160	0,309
CHR9	17633993	CHR9:17633993	SSF x Far_LoA	-6,22497755	0,154	0,299
CHR9	17633994	CHR9:17633994	SSF x Far_LoA	-7,5216826	0,156	0,292
CHR9	17635841	CHR9:17635841	SSF x Far_LoA	-7,89060088	0,081	0,308
CHR9	17635903	CHR9:17635903	SSF x Far_LoA	-10,7118062	0,068	0,319
CHR9	17643906	CHR9:17643906	SSF x Far_LoA	-8,66436922	-0,015	0,305
CHR9	17643927	CHR9:17643927	SSF x Far_LoA	-11,9970625	-0,027	0,309
CHR9	17643957	CHR9:17643957	SSF x Far_LoA	-9,26071498	-0,024	0,305
CHR9	17643979	CHR9:17643979	SSF x Far_LoA	-10,4605886	0,036	0,311
CHR9	17644013	CHR9:17644013	SSF x Far_LoA	-9,6401943	-0,028	0,313
CHR9	17644107	CHR9:17644107	SSF x Far_LoA	-9,63618275	0,039	0,312
CHR9	17651848	CHR9:17651848	SSF x Far_LoA	-11,4831886	-0,038	0,307
CHR9	17651895	CHR9:17651895	SSF x Far_LoA	-10,4295259	-0,087	0,320
CHR9	17651926	CHR9:17651926	SSF x Far_LoA	-9,31741486	0,006	0,290
CHR9	17651939	CHR9:17651939	SSF x Far_LoA	-7,52375712	0,083	0,303
CHR9	17651996	CHR9:17651996	SSF x Far_LoA	-8,26146339	0,015	0,318
CHR9	17660747	CHR9:17660747	SSF x Far_LoA	-11,6533422	-0,092	0,305
CHR9	17660791	CHR9:17660791	SSF x Far_LoA	-9,08333384	0,125	0,302

CHR9	17660798	CHR9:17660798	SSF x Far_LoA	-9,39933227	-0,029	0,299
CHR9	17660961	CHR9:17660961	SSF x Far_LoA	-9,94279467	-0,121	0,308
CHR9	1766592	CHR9:1766592	SSF x Far_LoA	-3,18537916	0,003	0,307
CHR9	1766741	CHR9:1766741	SSF x Far_LoA	-10,7250286	-0,067	0,299
CHR9	1766787	CHR9:1766787	SSF x Far_LoA	-10,0048223	0,001	0,319
CHR9	1766884	CHR9:1766884	SSF x Far_LoA	-6,07205798	0,156	0,299
CHR9	1766897	CHR9:1766897	SSF x Far_LoA	-9,13814513	-0,022	0,314
CHR9	17673742	CHR9:17673742	SSF x Far_LoA	-9,04218539	-0,035	0,321
CHR9	17673809	CHR9:17673809	SSF x Far_LoA	-8,94836767	-0,024	0,304
CHR9	17673812	CHR9:17673812	SSF x Far_LoA	-8,65330148	-0,037	0,310
CHR9	17673853	CHR9:17673853	SSF x Far_LoA	-11,271368	-0,055	0,308
CHR9	17681562	CHR9:17681562	SSF x Far_LoA	-10,1587157	0,012	0,301
CHR9	17681584	CHR9:17681584	SSF x Far_LoA	-5,97912078	-0,207	0,307
CHR9	17681688	CHR9:17681688	SSF x Far_LoA	-8,77880767	-0,021	0,311
CHR9	17681765	CHR9:17681765	SSF x Far_LoA	-7,61967084	0,141	0,307
CHR9	17685015	CHR9:17685015	SSF x Far_LoA	-9,64604162	0,050	0,317
CHR9	17685023	CHR9:17685023	SSF x Far_LoA	-9,01417104	0,013	0,300
CHR9	17685211	CHR9:17685211	SSF x Far_LoA	-10,2348485	-0,015	0,301
CHR9	17687344	CHR9:17687344	SSF x Far_LoA	-11,0684068	0,077	0,296
CHR9	17691176	CHR9:17691176	SSF x Far_LoA	-11,1721978	0,057	0,319
CHR9	17691191	CHR9:17691191	SSF x Far_LoA	-6,51223377	0,205	0,297
CHR9	17691256	CHR9:17691256	SSF x Far_LoA	-5,29697356	0,119	0,297
CHR9	17691314	CHR9:17691314	SSF x Far_LoA	-8,52422778	-0,096	0,311
CHR9	17691366	CHR9:17691366	SSF x Far_LoA	-9,10585504	-0,006	0,318
CHR9	17691375	CHR9:17691375	SSF x Far_LoA	-6,9265196	0,038	0,311
CHR9	17695313	CHR9:17695313	SSF x Far_LoA	-10,6166744	0,057	0,315
CHR9	17695330	CHR9:17695330	SSF x Far_LoA	-8,77390563	0,025	0,308
CHR9	17695578	CHR9:17695578	SSF x Far_LoA	-8,76236521	-0,043	0,297
CHR9	1769734	CHR9:1769734	SSF x Far_LoA	-10,1430275	0,034	0,324
CHR9	1769745	CHR9:1769745	SSF x Far_LoA	-9,44943658	-0,024	0,309
CHR9	17701882	CHR9:17701882	SSF x Far_LoA	-9,45647716	-0,083	0,307
CHR9	17701892	CHR9:17701892	SSF x Far_LoA	-8,8337732	-0,140	0,301
CHR9	1770461	CHR9:1770461	SSF x Far_LoA	-11,3464914	-0,028	0,320
CHR9	17736633	CHR9:17736633	SSF x Far_LoA	-8,90198539	0,030	0,302
CHR9	17736689	CHR9:17736689	SSF x Far_LoA	-9,43308118	-0,065	0,293
CHR9	17736750	CHR9:17736750	SSF x Far_LoA	-11,220425	-0,065	0,313
CHR9	17736756	CHR9:17736756	SSF x Far_LoA	-5,9675638	0,018	0,303
CHR9	17736817	CHR9:17736817	SSF x Far_LoA	-11,1713732	-0,005	0,306
CHR9	1773828	CHR9:1773828	SSF x Far_LoA	-6,55631818	-0,044	0,306
CHR9	17745190	CHR9:17745190	SSF x Far_LoA	-1,82652117	0,034	0,312
CHR9	17745192	CHR9:17745192	SSF x Far_LoA	-9,12633797	0,056	0,305
CHR9	17745223	CHR9:17745223	SSF x Far_LoA	-8,86574184	-0,033	0,316
CHR9	17745272	CHR9:17745272	SSF x Far_LoA	9,45782271	-0,155	0,299
CHR9	17745456	CHR9:17745456	SSF x Far_LoA	-10,0107522	0,040	0,303
CHR9	1774724	CHR9:1774724	SSF x Far_LoA	-9,61539681	0,029	0,305
CHR9	17750944	CHR9:17750944	SSF x Far_LoA	-8,79603001	0,030	0,306
CHR9	17750951	CHR9:17750951	SSF x Far_LoA	-10,7137028	-0,019	0,303
CHR9	17750970	CHR9:17750970	SSF x Far_LoA	-11,8527401	0,040	0,301
CHR9	17751066	CHR9:17751066	SSF x Far_LoA	-9,23850263	0,033	0,307
CHR9	17751084	CHR9:17751084	SSF x Far_LoA	-9,99724082	0,003	0,306
CHR9	17751185	CHR9:17751185	SSF x Far_LoA	-8,49832156	-0,108	0,324
CHR9	1775458	CHR9:1775458	SSF x Far_LoA	-10,3528601	-0,057	0,325
CHR9	17759239	CHR9:17759239	SSF x Far_LoA	-8,41482064	-0,037	0,308

CHR9	17759257	CHR9:17759257	SSF x Far_LoA	-9,9173876	0,072	0,305
CHR9	17760388	CHR9:17760388	SSF x Far_LoA	-9,69763084	-0,037	0,314
CHR9	17760496	CHR9:17760496	SSF x Far_LoA	-11,3872116	0,021	0,300
CHR9	17764521	CHR9:17764521	SSF x Far_LoA	-9,80628549	0,108	0,309
CHR9	17764525	CHR9:17764525	SSF x Far_LoA	-7,31655328	0,154	0,300
CHR9	17764531	CHR9:17764531	SSF x Far_LoA	-8,25570575	0,158	0,299
CHR9	17764556	CHR9:17764556	SSF x Far_LoA	-6,49969441	0,145	0,304
CHR9	17764581	CHR9:17764581	SSF x Far_LoA	-3,41384534	0,146	0,309
CHR9	17764599	CHR9:17764599	SSF x Far_LoA	-8,92274246	-0,030	0,306
CHR9	17769639	CHR9:17769639	SSF x Far_LoA	-8,75481152	0,039	0,308
CHR9	17769879	CHR9:17769879	SSF x Far_LoA	-10,8606749	0,052	0,309
CHR9	17779940	CHR9:17779940	SSF x Far_LoA	-7,20538396	-0,076	0,302
CHR9	17780198	CHR9:17780198	SSF x Far_LoA	-3,19846207	0,095	0,288
CHR9	17784649	CHR9:17784649	SSF x Far_LoA	-7,10258936	0,129	0,316
CHR9	17784650	CHR9:17784650	SSF x Far_LoA	-8,12376603	0,111	0,317
CHR9	17784675	CHR9:17784675	SSF x Far_LoA	-8,28299539	-0,116	0,297
CHR9	17784728	CHR9:17784728	SSF x Far_LoA	-10,6412593	-0,044	0,322
CHR9	17784826	CHR9:17784826	SSF x Far_LoA	-10,1010611	-0,034	0,319
CHR9	17788430	CHR9:17788430	SSF x Far_LoA	-7,49554967	0,119	0,315
CHR9	17791670	CHR9:17791670	SSF x Far_LoA	-9,19467578	0,004	0,308
CHR9	17793598	CHR9:17793598	SSF x Far_LoA	-1,10493606	0,061	0,306
CHR9	17793614	CHR9:17793614	SSF x Far_LoA	-8,27190378	-0,097	0,289
CHR9	17793622	CHR9:17793622	SSF x Far_LoA	-7,65801278	0,177	0,296
CHR9	17793628	CHR9:17793628	SSF x Far_LoA	-8,43964844	-0,112	0,320
CHR9	17793673	CHR9:17793673	SSF x Far_LoA	-9,15344077	-0,116	0,310
CHR9	17793708	CHR9:17793708	SSF x Far_LoA	-10,317641	-0,080	0,302
CHR9	17793724	CHR9:17793724	SSF x Far_LoA	-9,13714268	0,049	0,295
CHR9	17794839	CHR9:17794839	SSF x Far_LoA	-10,1979643	-0,116	0,313
CHR9	17814426	CHR9:17814426	SSF x Far_LoA	-7,21047503	-0,024	0,297
CHR9	17814489	CHR9:17814489	SSF x Far_LoA	-11,3227858	-0,012	0,288
CHR9	17814668	CHR9:17814668	SSF x Far_LoA	-9,79445596	-0,073	0,295
CHR9	17825113	CHR9:17825113	SSF x Far_LoA	-6,8976564	-0,072	0,296
CHR9	17825124	CHR9:17825124	SSF x Far_LoA	-9,82161919	0,018	0,313
CHR9	17825136	CHR9:17825136	SSF x Far_LoA	-8,78967358	0,039	0,304
CHR9	17825169	CHR9:17825169	SSF x Far_LoA	-7,2836418	0,150	0,288
CHR9	17826372	CHR9:17826372	SSF x Far_LoA	-10,3175371	-0,050	0,316
CHR9	17826520	CHR9:17826520	SSF x Far_LoA	-10,3468291	-0,141	0,295
CHR9	17826564	CHR9:17826564	SSF x Far_LoA	-10,994534	-0,005	0,300
CHR9	17826589	CHR9:17826589	SSF x Far_LoA	-10,2886889	-0,039	0,304
CHR9	17846343	CHR9:17846343	SSF x Far_LoA	-5,77283001	0,214	0,281
CHR9	17851156	CHR9:17851156	SSF x Far_LoA	-1,69557421	0,330	0,281
CHR9	17851159	CHR9:17851159	SSF x Far_LoA	-2,24218936	0,264	0,279
CHR9	17851172	CHR9:17851172	SSF x Far_LoA	-8,41038474	-0,092	0,308
CHR9	17857142	CHR9:17857142	SSF x Far_LoA	-10,4836518	0,001	0,305
CHR9	17859618	CHR9:17859618	SSF x Far_LoA	-4,79841314	-0,142	0,310
CHR9	17859643	CHR9:17859643	SSF x Far_LoA	-9,35061355	-0,083	0,296
CHR9	17859687	CHR9:17859687	SSF x Far_LoA	-8,48221903	-0,052	0,312
CHR9	17859716	CHR9:17859716	SSF x Far_LoA	-7,21274533	-0,116	0,316
CHR9	1785993	CHR9:1785993	SSF x Far_LoA	-8,18249627	-0,068	0,312
CHR9	17860548	CHR9:17860548	SSF x Far_LoA	-10,8713347	0,084	0,313
CHR9	17860592	CHR9:17860592	SSF x Far_LoA	-10,185064	-0,074	0,303
CHR9	17860620	CHR9:17860620	SSF x Far_LoA	-10,0403154	-0,080	0,302
CHR9	17860625	CHR9:17860625	SSF x Far_LoA	-9,98388792	-0,108	0,304

CHR9	17860656	CHR9:17860656	SSF x Far_LoA	-10,2496858	-0,116	0,292
CHR9	1786123	CHR9:1786123	SSF x Far_LoA	-11,3083332	-0,040	0,298
CHR9	1786170	CHR9:1786170	SSF x Far_LoA	-9,7909057	0,006	0,312
CHR9	1786189	CHR9:1786189	SSF x Far_LoA	-9,26702778	0,050	0,314
CHR9	1786258	CHR9:1786258	SSF x Far_LoA	-8,4009175	0,119	0,314
CHR9	17864429	CHR9:17864429	SSF x Far_LoA	-9,93985741	-0,029	0,301
CHR9	17864430	CHR9:17864430	SSF x Far_LoA	-9,68422814	-0,040	0,307
CHR9	17866077	CHR9:17866077	SSF x Far_LoA	-9,27637273	0,064	0,316
CHR9	17869675	CHR9:17869675	SSF x Far_LoA	-11,2750576	0,033	0,305
CHR9	1787665	CHR9:1787665	SSF x Far_LoA	-9,60923023	-0,010	0,298
CHR9	1787680	CHR9:1787680	SSF x Far_LoA	-8,30208304	-0,059	0,291
CHR9	1787713	CHR9:1787713	SSF x Far_LoA	-11,7605792	0,001	0,291
CHR9	1787741	CHR9:1787741	SSF x Far_LoA	-10,6109197	-0,026	0,305
CHR9	1787820	CHR9:1787820	SSF x Far_LoA	-8,2378089	0,026	0,314
CHR9	1787822	CHR9:1787822	SSF x Far_LoA	-9,45138281	-0,061	0,302
CHR9	1789369	CHR9:1789369	SSF x Far_LoA	-9,15650123	-0,058	0,306
CHR9	1789490	CHR9:1789490	SSF x Far_LoA	-8,21052951	-0,026	0,314
CHR9	1789526	CHR9:1789526	SSF x Far_LoA	-10,4251236	0,026	0,314
CHR9	17895653	CHR9:17895653	SSF x Far_LoA	-8,09573305	0,087	0,309
CHR9	17895822	CHR9:17895822	SSF x Far_LoA	-9,80203863	-0,067	0,315
CHR9	17900412	CHR9:17900412	SSF x Far_LoA	-8,82022778	0,072	0,300
CHR9	17904890	CHR9:17904890	SSF x Far_LoA	-4,06333926	0,193	0,301
CHR9	17904891	CHR9:17904891	SSF x Far_LoA	-8,9758104	0,219	0,292
CHR9	17904951	CHR9:17904951	SSF x Far_LoA	-5,31323977	0,215	0,285
CHR9	17904981	CHR9:17904981	SSF x Far_LoA	-10,1165882	0,056	0,299
CHR9	17905063	CHR9:17905063	SSF x Far_LoA	-8,90833742	0,171	0,299
CHR9	17908786	CHR9:17908786	SSF x Far_LoA	-10,7076187	0,132	0,294
CHR9	17908953	CHR9:17908953	SSF x Far_LoA	-8,5081126	-0,022	0,314
CHR9	17910396	CHR9:17910396	SSF x Far_LoA	-8,0096152	0,101	0,314
CHR9	17910477	CHR9:17910477	SSF x Far_LoA	-9,82134462	0,017	0,298
CHR9	17925619	CHR9:17925619	SSF x Far_LoA	-9,79603999	-0,109	0,304
CHR9	17929892	CHR9:17929892	SSF x Far_LoA	-9,56826968	0,086	0,293
CHR9	17929894	CHR9:17929894	SSF x Far_LoA	-3,5248527	0,049	0,306
CHR9	17929946	CHR9:17929946	SSF x Far_LoA	-7,1739579	-0,132	0,301
CHR9	17929973	CHR9:17929973	SSF x Far_LoA	-9,9874577	-0,008	0,310
CHR9	17936733	CHR9:17936733	SSF x Far_LoA	-8,51356246	-0,100	0,297
CHR9	17936773	CHR9:17936773	SSF x Far_LoA	-11,1497733	-0,040	0,290
CHR9	17948180	CHR9:17948180	SSF x Far_LoA	-9,64779965	-0,090	0,316
CHR9	17948197	CHR9:17948197	SSF x Far_LoA	-10,2617232	-0,115	0,326
CHR9	1795362	CHR9:1795362	SSF x Far_LoA	-9,01875152	-0,021	0,305
CHR9	17954581	CHR9:17954581	SSF x Far_LoA	-5,37861467	-0,149	0,307
CHR9	17955676	CHR9:17955676	SSF x Far_LoA	-10,2601234	0,012	0,317
CHR9	17964526	CHR9:17964526	SSF x Far_LoA	-9,08232792	0,057	0,296
CHR9	17964590	CHR9:17964590	SSF x Far_LoA	-8,00934946	0,104	0,310
CHR9	17964661	CHR9:17964661	SSF x Far_LoA	-8,87220938	0,063	0,317
CHR9	17964721	CHR9:17964721	SSF x Far_LoA	-9,38980437	0,024	0,305
CHR9	1796715	CHR9:1796715	SSF x Far_LoA	-11,8949543	0,071	0,305
CHR9	1796728	CHR9:1796728	SSF x Far_LoA	-7,85777372	0,139	0,297
CHR9	1796733	CHR9:1796733	SSF x Far_LoA	-8,74423839	-0,055	0,326
CHR9	1796736	CHR9:1796736	SSF x Far_LoA	-6,92705919	0,131	0,300
CHR9	1796739	CHR9:1796739	SSF x Far_LoA	-8,6608444	0,164	0,292
CHR9	1798214	CHR9:1798214	SSF x Far_LoA	-12,0925929	0,047	0,299
CHR9	1798292	CHR9:1798292	SSF x Far_LoA	-10,9210601	0,076	0,304

CHR9	17990245	CHR9:17990245	SSF x Far_LoA	-8,52751544	0,115	0,308
CHR9	17990253	CHR9:17990253	SSF x Far_LoA	-8,3328721	-0,019	0,303
CHR9	17990349	CHR9:17990349	SSF x Far_LoA	-9,35672266	0,054	0,294
CHR9	17991406	CHR9:17991406	SSF x Far_LoA	-7,50595316	0,163	0,292
CHR9	17991444	CHR9:17991444	SSF x Far_LoA	-6,63945339	0,060	0,309
CHR9	18005684	CHR9:18005684	SSF x Far_LoA	-9,22023889	0,037	0,318
CHR9	18009850	CHR9:18009850	SSF x Far_LoA	-9,83204766	-0,097	0,298
CHR9	18009879	CHR9:18009879	SSF x Far_LoA	-8,97020992	-0,101	0,326
CHR9	18021991	CHR9:18021991	SSF x Far_LoA	-11,2055721	0,062	0,318
CHR9	18022013	CHR9:18022013	SSF x Far_LoA	-7,39361467	0,084	0,303
CHR9	18022023	CHR9:18022023	SSF x Far_LoA	-11,5533169	0,004	0,301
CHR9	18022028	CHR9:18022028	SSF x Far_LoA	-10,9794231	0,071	0,301
CHR9	18022062	CHR9:18022062	SSF x Far_LoA	-7,43137701	-0,125	0,299
CHR9	18022068	CHR9:18022068	SSF x Far_LoA	-9,73753244	0,024	0,311
CHR9	18022156	CHR9:18022156	SSF x Far_LoA	-10,7481444	0,034	0,294
CHR9	18022192	CHR9:18022192	SSF x Far_LoA	-9,02578709	0,088	0,302
CHR9	18022208	CHR9:18022208	SSF x Far_LoA	-9,01341309	0,038	0,306
CHR9	1802696	CHR9:1802696	SSF x Far_LoA	-10,6086322	0,083	0,312
CHR9	1802700	CHR9:1802700	SSF x Far_LoA	-7,53337807	0,070	0,310
CHR9	1802783	CHR9:1802783	SSF x Far_LoA	-8,42366179	0,009	0,296
CHR9	1802787	CHR9:1802787	SSF x Far_LoA	-10,4154269	0,019	0,297
CHR9	1802818	CHR9:1802818	SSF x Far_LoA	-9,92313673	-0,020	0,324
CHR9	18032749	CHR9:18032749	SSF x Far_LoA	-7,48190366	0,099	0,322
CHR9	18032758	CHR9:18032758	SSF x Far_LoA	-9,5798111	0,024	0,289
CHR9	18036683	CHR9:18036683	SSF x Far_LoA	-10,8829897	-0,044	0,296
CHR9	18036684	CHR9:18036684	SSF x Far_LoA	-9,56490161	-0,016	0,311
CHR9	18036685	CHR9:18036685	SSF x Far_LoA	-10,190525	-0,015	0,325
CHR9	18036768	CHR9:18036768	SSF x Far_LoA	-9,92859722	-0,022	0,304
CHR9	18036843	CHR9:18036843	SSF x Far_LoA	-10,232503	-0,042	0,299
CHR9	18040820	CHR9:18040820	SSF x Far_LoA	-9,33159513	-0,051	0,311
CHR9	1805036	CHR9:1805036	SSF x Far_LoA	-9,81053802	-0,015	0,310
CHR9	1805041	CHR9:1805041	SSF x Far_LoA	-10,1307221	0,098	0,307
CHR9	1805073	CHR9:1805073	SSF x Far_LoA	-9,05728907	0,122	0,300
CHR9	1805098	CHR9:1805098	SSF x Far_LoA	-10,9109027	-0,128	0,302
CHR9	18054033	CHR9:18054033	SSF x Far_LoA	-9,00337889	0,027	0,282
CHR9	18054205	CHR9:18054205	SSF x Far_LoA	-9,94172381	0,037	0,309
CHR9	18056539	CHR9:18056539	SSF x Far_LoA	-9,28596423	0,116	0,296
CHR9	18056544	CHR9:18056544	SSF x Far_LoA	-8,66285527	0,066	0,321
CHR9	18060996	CHR9:18060996	SSF x Far_LoA	-9,80591334	-0,121	0,299
CHR9	18061050	CHR9:18061050	SSF x Far_LoA	-9,94535995	-0,045	0,310
CHR9	1806320	CHR9:1806320	SSF x Far_LoA	-10,4130164	-0,006	0,306
CHR9	1806506	CHR9:1806506	SSF x Far_LoA	-9,51860711	0,000	0,301
CHR9	18074528	CHR9:18074528	SSF x Far_LoA	-10,2738967	-0,056	0,311
CHR9	18087272	CHR9:18087272	SSF x Far_LoA	-6,07021359	-0,103	0,297
CHR9	18087307	CHR9:18087307	SSF x Far_LoA	-8,09062701	-0,152	0,304
CHR9	18087310	CHR9:18087310	SSF x Far_LoA	-4,9477372	-0,155	0,309
CHR9	18087332	CHR9:18087332	SSF x Far_LoA	-8,04022511	-0,138	0,307
CHR9	18087339	CHR9:18087339	SSF x Far_LoA	-8,39157142	0,082	0,309
CHR9	18087344	CHR9:18087344	SSF x Far_LoA	-7,79881713	0,119	0,306
CHR9	18087348	CHR9:18087348	SSF x Far_LoA	-10,2997371	-0,040	0,319
CHR9	18091016	CHR9:18091016	SSF x Far_LoA	-8,89152895	0,041	0,305
CHR9	18091039	CHR9:18091039	SSF x Far_LoA	-7,35546769	-0,101	0,296
CHR9	18091108	CHR9:18091108	SSF x Far_LoA	-7,52981946	-0,144	0,297

CHR9	18091184	CHR9:18091184	SSF x Far_LoA	-9,16210059	-0,025	0,304
CHR9	18100552	CHR9:18100552	SSF x Far_LoA	-9,41966409	0,127	0,297
CHR9	18118103	CHR9:18118103	SSF x Far_LoA	-8,38374031	0,107	0,305
CHR9	18118229	CHR9:18118229	SSF x Far_LoA	-9,66242134	0,081	0,316
CHR9	1811898	CHR9:1811898	SSF x Far_LoA	-8,61017627	0,093	0,305
CHR9	18122496	CHR9:18122496	SSF x Far_LoA	-10,001004	-0,054	0,301
CHR9	18122555	CHR9:18122555	SSF x Far_LoA	-11,0278161	-0,023	0,295
CHR9	18126009	CHR9:18126009	SSF x Far_LoA	-9,26007414	-0,018	0,322
CHR9	18126064	CHR9:18126064	SSF x Far_LoA	-10,3604853	-0,109	0,309
CHR9	18126094	CHR9:18126094	SSF x Far_LoA	-7,12597263	-0,124	0,308
CHR9	18130738	CHR9:18130738	SSF x Far_LoA	-11,1737263	0,002	0,292
CHR9	18130756	CHR9:18130756	SSF x Far_LoA	-10,1911714	0,072	0,296
CHR9	18130788	CHR9:18130788	SSF x Far_LoA	-9,50047283	0,144	0,299
CHR9	18145508	CHR9:18145508	SSF x Far_LoA	-7,64682929	0,056	0,307
CHR9	1814572	CHR9:1814572	SSF x Far_LoA	-10,4924133	-0,045	0,318
CHR9	18152436	CHR9:18152436	SSF x Far_LoA	-10,7382372	0,100	0,305
CHR9	18152496	CHR9:18152496	SSF x Far_LoA	-11,0180575	0,078	0,302
CHR9	18152589	CHR9:18152589	SSF x Far_LoA	-10,159951	0,030	0,301
CHR9	18160698	CHR9:18160698	SSF x Far_LoA	-9,11577649	-0,165	0,299
CHR9	18160831	CHR9:18160831	SSF x Far_LoA	-8,05575343	-0,039	0,321
CHR9	18164746	CHR9:18164746	SSF x Far_LoA	-8,29606765	0,040	0,318
CHR9	18172584	CHR9:18172584	SSF x Far_LoA	-8,50740552	-0,044	0,318
CHR9	18172586	CHR9:18172586	SSF x Far_LoA	-9,53695437	-0,117	0,300
CHR9	18172641	CHR9:18172641	SSF x Far_LoA	-9,08914485	-0,061	0,306
CHR9	18172673	CHR9:18172673	SSF x Far_LoA	-9,39231746	0,073	0,317
CHR9	18172680	CHR9:18172680	SSF x Far_LoA	-8,22521967	0,088	0,309
CHR9	18177724	CHR9:18177724	SSF x Far_LoA	-7,09560671	-0,154	0,311
CHR9	18177725	CHR9:18177725	SSF x Far_LoA	-9,06857039	-0,129	0,307
CHR9	18177745	CHR9:18177745	SSF x Far_LoA	-7,95024909	-0,128	0,297
CHR9	18177746	CHR9:18177746	SSF x Far_LoA	-8,76716387	-0,096	0,300
CHR9	18178593	CHR9:18178593	SSF x Far_LoA	-9,35172707	0,039	0,302
CHR9	18184236	CHR9:18184236	SSF x Far_LoA	-9,53818811	-0,003	0,313
CHR9	18184243	CHR9:18184243	SSF x Far_LoA	-10,453379	0,008	0,314
CHR9	18184257	CHR9:18184257	SSF x Far_LoA	-6,04553118	-0,161	0,293
CHR9	18184267	CHR9:18184267	SSF x Far_LoA	-6,31357995	-0,156	0,293
CHR9	18195311	CHR9:18195311	SSF x Far_LoA	-9,99277161	-0,058	0,304
CHR9	18195331	CHR9:18195331	SSF x Far_LoA	-8,03137955	-0,021	0,313
CHR9	18195332	CHR9:18195332	SSF x Far_LoA	-7,87478553	-0,085	0,301
CHR9	18195366	CHR9:18195366	SSF x Far_LoA	-11,2903025	-0,048	0,308
CHR9	18195379	CHR9:18195379	SSF x Far_LoA	-8,89152355	-0,024	0,298
CHR9	18195385	CHR9:18195385	SSF x Far_LoA	-8,44745261	-0,016	0,304
CHR9	18195387	CHR9:18195387	SSF x Far_LoA	-9,56663349	-0,004	0,298
CHR9	18200791	CHR9:18200791	SSF x Far_LoA	-12,3543342	0,023	0,301
CHR9	18200818	CHR9:18200818	SSF x Far_LoA	-11,7340127	0,014	0,298
CHR9	18200866	CHR9:18200866	SSF x Far_LoA	-6,460085	0,188	0,278
CHR9	18204964	CHR9:18204964	SSF x Far_LoA	-7,53310323	-0,067	0,322
CHR9	18204968	CHR9:18204968	SSF x Far_LoA	-9,71274507	0,049	0,305
CHR9	18205033	CHR9:18205033	SSF x Far_LoA	-10,0539959	0,038	0,311
CHR9	18205050	CHR9:18205050	SSF x Far_LoA	-10,7468089	-0,044	0,308
CHR9	18209630	CHR9:18209630	SSF x Far_LoA	-8,93730166	-0,066	0,314
CHR9	18225523	CHR9:18225523	SSF x Far_LoA	-8,74061082	0,074	0,316
CHR9	18225529	CHR9:18225529	SSF x Far_LoA	-9,1887696	0,001	0,307
CHR9	18225569	CHR9:18225569	SSF x Far_LoA	-8,52775693	-0,014	0,308

CHR9	18225653	CHR9:18225653	SSF x Far_LoA	-10,5080372	0,108	0,306
CHR9	18233598	CHR9:18233598	SSF x Far_LoA	-6,43232132	-0,096	0,286
CHR9	18233731	CHR9:18233731	SSF x Far_LoA	-12,0382754	0,035	0,296
CHR9	18259570	CHR9:18259570	SSF x Far_LoA	-10,0459927	0,030	0,304
CHR9	18259634	CHR9:18259634	SSF x Far_LoA	-11,6427442	-0,042	0,297
CHR9	18259647	CHR9:18259647	SSF x Far_LoA	-11,9558812	-0,071	0,295
CHR9	18259937	CHR9:18259937	SSF x Far_LoA	-9,69113274	-0,046	0,312
CHR9	18264119	CHR9:18264119	SSF x Far_LoA	-10,4375755	0,003	0,311
CHR9	18264238	CHR9:18264238	SSF x Far_LoA	-9,25963318	0,047	0,316
CHR9	18268799	CHR9:18268799	SSF x Far_LoA	-8,10338804	-0,038	0,314
CHR9	18277619	CHR9:18277619	SSF x Far_LoA	-7,6365654	-0,046	0,308
CHR9	18277762	CHR9:18277762	SSF x Far_LoA	-6,0275557	0,083	0,303
CHR9	18277767	CHR9:18277767	SSF x Far_LoA	-8,09755723	0,046	0,304
CHR9	18277819	CHR9:18277819	SSF x Far_LoA	-11,7914122	-0,070	0,299
CHR9	18282516	CHR9:18282516	SSF x Far_LoA	-10,1408206	-0,074	0,295
CHR9	18284093	CHR9:18284093	SSF x Far_LoA	-11,4703662	0,002	0,298
CHR9	18288661	CHR9:18288661	SSF x Far_LoA	-9,94414864	-0,066	0,311
CHR9	18288704	CHR9:18288704	SSF x Far_LoA	-11,7539556	-0,005	0,302
CHR9	18289604	CHR9:18289604	SSF x Far_LoA	-10,5950694	-0,027	0,302
CHR9	18290182	CHR9:18290182	SSF x Far_LoA	-8,70771306	0,025	0,315
CHR9	18290196	CHR9:18290196	SSF x Far_LoA	-6,61248088	0,093	0,307
CHR9	18296926	CHR9:18296926	SSF x Far_LoA	-8,64711912	0,043	0,307
CHR9	18314214	CHR9:18314214	SSF x Far_LoA	-8,72458247	-0,058	0,312
CHR9	18314262	CHR9:18314262	SSF x Far_LoA	-8,85646688	-0,101	0,308
CHR9	18314490	CHR9:18314490	SSF x Far_LoA	-8,46285985	-0,031	0,323
CHR9	18314505	CHR9:18314505	SSF x Far_LoA	-7,18193999	0,037	0,325
CHR9	18314525	CHR9:18314525	SSF x Far_LoA	-9,97267401	-0,072	0,308
CHR9	18314611	CHR9:18314611	SSF x Far_LoA	-6,78965347	0,053	0,321
CHR9	18329983	CHR9:18329983	SSF x Far_LoA	-9,00447886	0,003	0,303
CHR9	18335779	CHR9:18335779	SSF x Far_LoA	-10,673669	-0,074	0,325
CHR9	18335909	CHR9:18335909	SSF x Far_LoA	-7,84375442	-0,021	0,296
CHR9	18335919	CHR9:18335919	SSF x Far_LoA	-9,14078554	-0,028	0,317
CHR9	18337674	CHR9:18337674	SSF x Far_LoA	-8,44485203	0,018	0,312
CHR9	18342607	CHR9:18342607	SSF x Far_LoA	-9,18992017	0,060	0,300
CHR9	18342670	CHR9:18342670	SSF x Far_LoA	-11,2001162	-0,002	0,297
CHR9	18342727	CHR9:18342727	SSF x Far_LoA	-10,5730708	-0,092	0,306
CHR9	18342748	CHR9:18342748	SSF x Far_LoA	-9,50467428	-0,013	0,308
CHR9	18345720	CHR9:18345720	SSF x Far_LoA	-8,66286523	0,035	0,294
CHR9	18345739	CHR9:18345739	SSF x Far_LoA	-11,1977562	0,001	0,311
CHR9	18345780	CHR9:18345780	SSF x Far_LoA	-8,63614776	0,026	0,305
CHR9	18345926	CHR9:18345926	SSF x Far_LoA	-8,5067686	0,077	0,315
CHR9	18346012	CHR9:18346012	SSF x Far_LoA	-10,4141982	0,107	0,306
CHR9	18346016	CHR9:18346016	SSF x Far_LoA	-10,8313129	-0,079	0,313
CHR9	18349050	CHR9:18349050	SSF x Far_LoA	-10,7463955	-0,067	0,301
CHR9	18349065	CHR9:18349065	SSF x Far_LoA	-10,5205268	-0,011	0,315
CHR9	18349129	CHR9:18349129	SSF x Far_LoA	-12,0506611	-0,043	0,309
CHR9	1834916	CHR9:1834916	SSF x Far_LoA	-3,82342213	0,025	0,312
CHR9	18365146	CHR9:18365146	SSF x Far_LoA	-10,5137599	-0,005	0,301
CHR9	18365374	CHR9:18365374	SSF x Far_LoA	-9,07951407	-0,134	0,304
CHR9	18365384	CHR9:18365384	SSF x Far_LoA	-12,16327	-0,023	0,303
CHR9	18365389	CHR9:18365389	SSF x Far_LoA	-9,37520329	-0,025	0,327
CHR9	18371717	CHR9:18371717	SSF x Far_LoA	-9,42485451	-0,018	0,295
CHR9	18371829	CHR9:18371829	SSF x Far_LoA	-9,06202941	0,009	0,311

CHR9	18378037	CHR9:18378037	SSF x Far_LoA	-9,12961213	0,013	0,304
CHR9	18378038	CHR9:18378038	SSF x Far_LoA	-9,48167477	0,013	0,306
CHR9	18378050	CHR9:18378050	SSF x Far_LoA	-7,55675945	-0,035	0,302
CHR9	18383890	CHR9:18383890	SSF x Far_LoA	-11,3451851	0,072	0,296
CHR9	18383934	CHR9:18383934	SSF x Far_LoA	-0,80829407	-0,098	0,294
CHR9	18383944	CHR9:18383944	SSF x Far_LoA	-9,06292054	0,112	0,308
CHR9	18383959	CHR9:18383959	SSF x Far_LoA	-8,45939649	0,069	0,314
CHR9	18383980	CHR9:18383980	SSF x Far_LoA	-9,32830905	-0,024	0,299
CHR9	18392358	CHR9:18392358	SSF x Far_LoA	-12,1469327	0,054	0,306
CHR9	18392477	CHR9:18392477	SSF x Far_LoA	-10,2420668	-0,010	0,302
CHR9	18392549	CHR9:18392549	SSF x Far_LoA	-10,5664162	-0,022	0,306
CHR9	18392656	CHR9:18392656	SSF x Far_LoA	-7,91471441	0,037	0,306
CHR9	18401188	CHR9:18401188	SSF x Far_LoA	-7,11116437	-0,056	0,319
CHR9	18403203	CHR9:18403203	SSF x Far_LoA	-9,51069247	-0,051	0,311
CHR9	18403319	CHR9:18403319	SSF x Far_LoA	-5,75128577	-0,091	0,313
CHR9	18403321	CHR9:18403321	SSF x Far_LoA	-8,59275182	-0,001	0,305
CHR9	18406403	CHR9:18406403	SSF x Far_LoA	-10,7066558	0,023	0,314
CHR9	18406418	CHR9:18406418	SSF x Far_LoA	-8,39668574	0,077	0,298
CHR9	18406445	CHR9:18406445	SSF x Far_LoA	-9,21914384	0,127	0,307
CHR9	18407292	CHR9:18407292	SSF x Far_LoA	-9,47689917	-0,058	0,298
CHR9	18407294	CHR9:18407294	SSF x Far_LoA	-9,80808713	-0,063	0,292
CHR9	18416956	CHR9:18416956	SSF x Far_LoA	-8,83940691	-0,087	0,306
CHR9	18417014	CHR9:18417014	SSF x Far_LoA	-8,917577	-0,054	0,304
CHR9	18420121	CHR9:18420121	SSF x Far_LoA	-8,45074288	-0,089	0,299
CHR9	18420297	CHR9:18420297	SSF x Far_LoA	-11,3929262	-0,080	0,316
CHR9	18422035	CHR9:18422035	SSF x Far_LoA	-8,01098497	-0,150	0,297
CHR9	18422067	CHR9:18422067	SSF x Far_LoA	-8,47780229	0,059	0,305
CHR9	18422090	CHR9:18422090	SSF x Far_LoA	-4,89399726	0,035	0,309
CHR9	18422117	CHR9:18422117	SSF x Far_LoA	-8,23964447	-0,119	0,297
CHR9	18422127	CHR9:18422127	SSF x Far_LoA	-8,35080439	0,066	0,314
CHR9	18422139	CHR9:18422139	SSF x Far_LoA	-8,53880912	-0,095	0,299
CHR9	18422205	CHR9:18422205	SSF x Far_LoA	-6,45785457	-0,165	0,302
CHR9	18422302	CHR9:18422302	SSF x Far_LoA	-8,32832678	-0,097	0,311
CHR9	18426901	CHR9:18426901	SSF x Far_LoA	-11,5772007	-0,038	0,297
CHR9	18426932	CHR9:18426932	SSF x Far_LoA	-9,38608295	0,014	0,312
CHR9	18436196	CHR9:18436196	SSF x Far_LoA	-10,1734313	-0,154	0,311
CHR9	18436298	CHR9:18436298	SSF x Far_LoA	-9,68524703	0,041	0,315
CHR9	18436300	CHR9:18436300	SSF x Far_LoA	-8,07640628	0,084	0,302
CHR9	18445445	CHR9:18445445	SSF x Far_LoA	-8,77376483	-0,004	0,303
CHR9	18445456	CHR9:18445456	SSF x Far_LoA	-4,93340336	-0,090	0,306
CHR9	1845016	CHR9:1845016	SSF x Far_LoA	-9,41791468	-0,023	0,317
CHR9	18459363	CHR9:18459363	SSF x Far_LoA	-7,89721363	-0,020	0,312
CHR9	18478460	CHR9:18478460	SSF x Far_LoA	-11,054839	0,072	0,307
CHR9	18478566	CHR9:18478566	SSF x Far_LoA	-7,65749383	-0,028	0,306
CHR9	18478569	CHR9:18478569	SSF x Far_LoA	-9,40838123	-0,002	0,292
CHR9	18478578	CHR9:18478578	SSF x Far_LoA	-4,58636689	0,010	0,314
CHR9	18480547	CHR9:18480547	SSF x Far_LoA	-7,49041334	0,081	0,310
CHR9	18480590	CHR9:18480590	SSF x Far_LoA	-9,49509373	0,086	0,298
CHR9	18487851	CHR9:18487851	SSF x Far_LoA	-11,8368174	0,008	0,299
CHR9	18487899	CHR9:18487899	SSF x Far_LoA	-10,6436015	-0,073	0,297
CHR9	18488011	CHR9:18488011	SSF x Far_LoA	-8,86633571	-0,016	0,294
CHR9	18488100	CHR9:18488100	SSF x Far_LoA	-8,77004567	-0,106	0,300
CHR9	18498246	CHR9:18498246	SSF x Far_LoA	-9,64437148	0,046	0,304

CHR9	18498398	CHR9:18498398	SSF x Far_LoA	-7,90319834	-0,020	0,308
CHR9	18499943	CHR9:18499943	SSF x Far_LoA	-9,02759563	-0,006	0,308
CHR9	18499979	CHR9:18499979	SSF x Far_LoA	-8,62522324	-0,039	0,305
CHR9	18504381	CHR9:18504381	SSF x Far_LoA	-7,76468498	0,069	0,316
CHR9	18504548	CHR9:18504548	SSF x Far_LoA	-9,77294723	0,042	0,296
CHR9	18517660	CHR9:18517660	SSF x Far_LoA	-9,54739843	-0,003	0,299
CHR9	18518137	CHR9:18518137	SSF x Far_LoA	-7,77457638	-0,019	0,300
CHR9	18518144	CHR9:18518144	SSF x Far_LoA	-7,71474806	-0,018	0,309
CHR9	18535340	CHR9:18535340	SSF x Far_LoA	-10,597205	-0,043	0,291
CHR9	18535519	CHR9:18535519	SSF x Far_LoA	-7,08524277	-0,068	0,309
CHR9	18535539	CHR9:18535539	SSF x Far_LoA	-4,78511917	0,137	0,289
CHR9	18535582	CHR9:18535582	SSF x Far_LoA	-10,5319634	0,059	0,312
CHR9	18542809	CHR9:18542809	SSF x Far_LoA	-6,54388015	-0,107	0,320
CHR9	18542833	CHR9:18542833	SSF x Far_LoA	-3,16486397	0,146	0,293
CHR9	18542854	CHR9:18542854	SSF x Far_LoA	-11,1505909	-0,076	0,316
CHR9	18542941	CHR9:18542941	SSF x Far_LoA	-8,54437823	0,004	0,317
CHR9	18542974	CHR9:18542974	SSF x Far_LoA	-7,75850979	-0,144	0,307
CHR9	18544967	CHR9:18544967	SSF x Far_LoA	-9,35762037	-0,112	0,307
CHR9	18548377	CHR9:18548377	SSF x Far_LoA	-9,9567941	-0,052	0,301
CHR9	18559548	CHR9:18559548	SSF x Far_LoA	-10,7247509	-0,054	0,307
CHR9	18562642	CHR9:18562642	SSF x Far_LoA	-12,0733294	-0,022	0,306
CHR9	18567149	CHR9:18567149	SSF x Far_LoA	-9,29508512	0,095	0,306
CHR9	18567156	CHR9:18567156	SSF x Far_LoA	-10,3336837	0,021	0,305
CHR9	18567162	CHR9:18567162	SSF x Far_LoA	-7,40147253	0,143	0,305
CHR9	18567211	CHR9:18567211	SSF x Far_LoA	-9,65479232	0,095	0,301
CHR9	18568590	CHR9:18568590	SSF x Far_LoA	-10,8509547	0,098	0,295
CHR9	1856905	CHR9:1856905	SSF x Far_LoA	-10,9033236	0,041	0,303
CHR9	1857037	CHR9:1857037	SSF x Far_LoA	-2,33077307	-0,057	0,294
CHR9	1857041	CHR9:1857041	SSF x Far_LoA	-8,66506097	-0,045	0,321
CHR9	18572823	CHR9:18572823	SSF x Far_LoA	-11,1069788	-0,050	0,318
CHR9	18579217	CHR9:18579217	SSF x Far_LoA	-11,3949361	-0,003	0,311
CHR9	18579368	CHR9:18579368	SSF x Far_LoA	-10,0779068	0,061	0,300
CHR9	18579386	CHR9:18579386	SSF x Far_LoA	-10,408702	0,079	0,307
CHR9	18586704	CHR9:18586704	SSF x Far_LoA	-5,8695312	-0,089	0,316
CHR9	18586721	CHR9:18586721	SSF x Far_LoA	-9,47049739	-0,084	0,314
CHR9	18586801	CHR9:18586801	SSF x Far_LoA	-11,1947771	-0,029	0,298
CHR9	18586809	CHR9:18586809	SSF x Far_LoA	-3,95592804	-0,208	0,299
CHR9	18586815	CHR9:18586815	SSF x Far_LoA	-6,04314487	-0,131	0,315
CHR9	18586823	CHR9:18586823	SSF x Far_LoA	-10,9122593	0,068	0,313
CHR9	18590536	CHR9:18590536	SSF x Far_LoA	-8,78040046	0,066	0,307
CHR9	18590548	CHR9:18590548	SSF x Far_LoA	-8,95377502	-0,069	0,308
CHR9	18590621	CHR9:18590621	SSF x Far_LoA	-10,3557876	0,006	0,299
CHR9	18601609	CHR9:18601609	SSF x Far_LoA	-3,42544767	-0,089	0,310
CHR9	18605012	CHR9:18605012	SSF x Far_LoA	-9,2765563	0,056	0,289
CHR9	18613981	CHR9:18613981	SSF x Far_LoA	-8,14668886	-0,008	0,314
CHR9	18622656	CHR9:18622656	SSF x Far_LoA	-5,70256392	0,197	0,310
CHR9	18622699	CHR9:18622699	SSF x Far_LoA	-8,66625072	-0,047	0,295
CHR9	18623425	CHR9:18623425	SSF x Far_LoA	-8,89071496	0,105	0,293
CHR9	18630636	CHR9:18630636	SSF x Far_LoA	-8,68864054	0,152	0,303
CHR9	18630672	CHR9:18630672	SSF x Far_LoA	-9,87725138	0,043	0,300
CHR9	18632321	CHR9:18632321	SSF x Far_LoA	-3,07856182	-0,154	0,315
CHR9	18632328	CHR9:18632328	SSF x Far_LoA	-11,1378635	0,093	0,302
CHR9	18632341	CHR9:18632341	SSF x Far_LoA	-10,4990159	-0,032	0,306

CHR9	18632429	CHR9:18632429	SSF x Far_LoA	-8,96967305	0,042	0,322
CHR9	18662468	CHR9:18662468	SSF x Far_LoA	-9,78668575	0,035	0,311
CHR9	18662528	CHR9:18662528	SSF x Far_LoA	-10,0311152	-0,055	0,306
CHR9	18662531	CHR9:18662531	SSF x Far_LoA	-4,27781614	0,067	0,314
CHR9	18666143	CHR9:18666143	SSF x Far_LoA	-10,2771509	-0,137	0,312
CHR9	18666362	CHR9:18666362	SSF x Far_LoA	-10,5754192	0,072	0,292
CHR9	18673028	CHR9:18673028	SSF x Far_LoA	-8,8322483	-0,046	0,309
CHR9	18673047	CHR9:18673047	SSF x Far_LoA	-8,77297072	-0,072	0,315
CHR9	18673085	CHR9:18673085	SSF x Far_LoA	-9,59323474	-0,066	0,305
CHR9	18673111	CHR9:18673111	SSF x Far_LoA	-7,2358347	0,058	0,306
CHR9	18673127	CHR9:18673127	SSF x Far_LoA	-8,59450268	0,048	0,306
CHR9	18673131	CHR9:18673131	SSF x Far_LoA	-9,61076542	-0,098	0,306
CHR9	18680843	CHR9:18680843	SSF x Far_LoA	-9,70211385	0,079	0,305
CHR9	18680879	CHR9:18680879	SSF x Far_LoA	-7,21254825	0,104	0,323
CHR9	18680886	CHR9:18680886	SSF x Far_LoA	-9,52161658	0,104	0,297
CHR9	18680887	CHR9:18680887	SSF x Far_LoA	-7,72611637	0,109	0,302
CHR9	18680913	CHR9:18680913	SSF x Far_LoA	-10,992515	0,100	0,302
CHR9	18680930	CHR9:18680930	SSF x Far_LoA	-10,4439333	0,017	0,301
CHR9	18682749	CHR9:18682749	SSF x Far_LoA	-9,438456	-0,002	0,287
CHR9	18682763	CHR9:18682763	SSF x Far_LoA	-6,95822193	0,142	0,301
CHR9	18688178	CHR9:18688178	SSF x Far_LoA	-11,7021451	0,129	0,295
CHR9	18688224	CHR9:18688224	SSF x Far_LoA	-7,75054195	0,093	0,302
CHR9	18688253	CHR9:18688253	SSF x Far_LoA	-7,55514943	-0,029	0,299
CHR9	18688284	CHR9:18688284	SSF x Far_LoA	-11,3713503	0,014	0,298
CHR9	18688419	CHR9:18688419	SSF x Far_LoA	-10,6558658	0,006	0,315
CHR9	18692066	CHR9:18692066	SSF x Far_LoA	-9,63651404	-0,033	0,289
CHR9	18692073	CHR9:18692073	SSF x Far_LoA	-9,72584602	-0,108	0,319
CHR9	18692164	CHR9:18692164	SSF x Far_LoA	-9,24512438	-0,042	0,314
CHR9	18695019	CHR9:18695019	SSF x Far_LoA	-9,86373818	-0,004	0,306
CHR9	18697428	CHR9:18697428	SSF x Far_LoA	-9,22830631	0,077	0,322
CHR9	18697556	CHR9:18697556	SSF x Far_LoA	-2,24127188	-0,128	0,304
CHR9	18706340	CHR9:18706340	SSF x Far_LoA	-7,88502972	-0,016	0,319
CHR9	18706352	CHR9:18706352	SSF x Far_LoA	-10,4302935	0,020	0,314
CHR9	18706378	CHR9:18706378	SSF x Far_LoA	-9,15532324	0,100	0,309
CHR9	18706381	CHR9:18706381	SSF x Far_LoA	-11,0616246	-0,022	0,299
CHR9	18706434	CHR9:18706434	SSF x Far_LoA	-4,26091351	0,076	0,318
CHR9	18710148	CHR9:18710148	SSF x Far_LoA	-10,265832	-0,084	0,303
CHR9	18714509	CHR9:18714509	SSF x Far_LoA	-9,6712072	-0,059	0,302
CHR9	18714510	CHR9:18714510	SSF x Far_LoA	-8,50571415	0,031	0,299
CHR9	18714535	CHR9:18714535	SSF x Far_LoA	-9,66988213	-0,098	0,291
CHR9	18714550	CHR9:18714550	SSF x Far_LoA	-11,4945789	0,023	0,292
CHR9	18714596	CHR9:18714596	SSF x Far_LoA	-9,60202415	0,083	0,296
CHR9	18715252	CHR9:18715252	SSF x Far_LoA	-6,50118603	-0,032	0,296
CHR9	18737194	CHR9:18737194	SSF x Far_LoA	-10,2722172	0,110	0,288
CHR9	18738908	CHR9:18738908	SSF x Far_LoA	-10,5537523	-0,115	0,312
CHR9	1874180	CHR9:1874180	SSF x Far_LoA	-8,26651656	-0,053	0,315
CHR9	1874187	CHR9:1874187	SSF x Far_LoA	-11,7138279	0,064	0,291
CHR9	1874264	CHR9:1874264	SSF x Far_LoA	-8,36189672	0,118	0,297
CHR9	18745717	CHR9:18745717	SSF x Far_LoA	-9,69424808	0,003	0,306
CHR9	18745805	CHR9:18745805	SSF x Far_LoA	-10,1878042	0,065	0,309
CHR9	18746535	CHR9:18746535	SSF x Far_LoA	-8,49851767	0,104	0,296
CHR9	18746546	CHR9:18746546	SSF x Far_LoA	-9,17617397	0,107	0,303
CHR9	18746591	CHR9:18746591	SSF x Far_LoA	-9,57634422	0,003	0,311

CHR9	18746623	CHR9:18746623	SSF x Far_LoA	-7,12250333	-0,001	0,310
CHR9	18776303	CHR9:18776303	SSF x Far_LoA	-9,96935138	-0,020	0,311
CHR9	18776319	CHR9:18776319	SSF x Far_LoA	-8,93351713	-0,036	0,314
CHR9	18776346	CHR9:18776346	SSF x Far_LoA	-11,4869579	-0,042	0,305
CHR9	18776354	CHR9:18776354	SSF x Far_LoA	-7,49716474	-0,126	0,295
CHR9	18776359	CHR9:18776359	SSF x Far_LoA	-9,74581213	-0,096	0,306
CHR9	18776869	CHR9:18776869	SSF x Far_LoA	-6,75670482	-0,057	0,321
CHR9	18780541	CHR9:18780541	SSF x Far_LoA	-8,99877396	-0,013	0,308
CHR9	18780563	CHR9:18780563	SSF x Far_LoA	-8,29998363	-0,011	0,317
CHR9	18780566	CHR9:18780566	SSF x Far_LoA	-8,99562874	-0,091	0,303
CHR9	18780568	CHR9:18780568	SSF x Far_LoA	-8,49647856	-0,083	0,295
CHR9	18780589	CHR9:18780589	SSF x Far_LoA	-5,34368653	0,127	0,307
CHR9	18780607	CHR9:18780607	SSF x Far_LoA	-8,82558864	-0,009	0,312
CHR9	18780657	CHR9:18780657	SSF x Far_LoA	-8,34067558	-0,083	0,303
CHR9	18781868	CHR9:18781868	SSF x Far_LoA	-10,8094831	0,010	0,309
CHR9	18781898	CHR9:18781898	SSF x Far_LoA	-12,0427978	0,017	0,297
CHR9	18781899	CHR9:18781899	SSF x Far_LoA	-10,2691501	-0,019	0,294
CHR9	18781904	CHR9:18781904	SSF x Far_LoA	-10,9386549	0,042	0,316
CHR9	18786271	CHR9:18786271	SSF x Far_LoA	-9,64741337	0,031	0,310
CHR9	18786285	CHR9:18786285	SSF x Far_LoA	-7,19622989	0,105	0,301
CHR9	18786314	CHR9:18786314	SSF x Far_LoA	-11,3550147	-0,021	0,297
CHR9	18786361	CHR9:18786361	SSF x Far_LoA	-11,7608206	0,002	0,308
CHR9	18788486	CHR9:18788486	SSF x Far_LoA	-10,9707962	-0,016	0,308
CHR9	1879367	CHR9:1879367	SSF x Far_LoA	-6,33743271	0,066	0,302
CHR9	1879411	CHR9:1879411	SSF x Far_LoA	-9,20808187	-0,045	0,307
CHR9	1879426	CHR9:1879426	SSF x Far_LoA	-6,65769418	0,142	0,291
CHR9	1879454	CHR9:1879454	SSF x Far_LoA	-8,74571991	0,050	0,309
CHR9	1879463	CHR9:1879463	SSF x Far_LoA	-10,632775	-0,037	0,303
CHR9	1879482	CHR9:1879482	SSF x Far_LoA	-4,24080712	0,147	0,293
CHR9	1879492	CHR9:1879492	SSF x Far_LoA	-7,91652053	0,097	0,306
CHR9	1879498	CHR9:1879498	SSF x Far_LoA	-11,1263796	-0,029	0,313
CHR9	1879511	CHR9:1879511	SSF x Far_LoA	-10,7072958	-0,026	0,292
CHR9	1879545	CHR9:1879545	SSF x Far_LoA	-11,0147749	0,031	0,306
CHR9	18809648	CHR9:18809648	SSF x Far_LoA	-6,35495693	-0,188	0,298
CHR9	18809656	CHR9:18809656	SSF x Far_LoA	-6,52004828	0,141	0,310
CHR9	18809685	CHR9:18809685	SSF x Far_LoA	-8,84281368	0,101	0,306
CHR9	18809719	CHR9:18809719	SSF x Far_LoA	-8,51534662	0,092	0,295
CHR9	18809741	CHR9:18809741	SSF x Far_LoA	-7,40147896	-0,138	0,309
CHR9	18810418	CHR9:18810418	SSF x Far_LoA	-10,8480967	0,042	0,301
CHR9	18810530	CHR9:18810530	SSF x Far_LoA	-9,61387403	-0,022	0,307
CHR9	18810542	CHR9:18810542	SSF x Far_LoA	-5,87004759	-0,192	0,294
CHR9	18810710	CHR9:18810710	SSF x Far_LoA	-9,35104606	0,150	0,301
CHR9	18823752	CHR9:18823752	SSF x Far_LoA	-10,2994999	-0,007	0,308
CHR9	18823800	CHR9:18823800	SSF x Far_LoA	-9,56846586	0,031	0,309
CHR9	18823812	CHR9:18823812	SSF x Far_LoA	-9,80365536	0,028	0,306
CHR9	18823860	CHR9:18823860	SSF x Far_LoA	-11,1992063	0,033	0,309
CHR9	18834418	CHR9:18834418	SSF x Far_LoA	-8,18946989	0,007	0,310
CHR9	18834606	CHR9:18834606	SSF x Far_LoA	5,98632251	0,114	0,316
CHR9	18834630	CHR9:18834630	SSF x Far_LoA	-8,52528218	-0,017	0,315
CHR9	18834665	CHR9:18834665	SSF x Far_LoA	-9,40562229	0,094	0,304
CHR9	18834707	CHR9:18834707	SSF x Far_LoA	-7,32069143	-0,019	0,290
CHR9	18836943	CHR9:18836943	SSF x Far_LoA	-11,2568628	0,032	0,304
CHR9	18836945	CHR9:18836945	SSF x Far_LoA	-10,5272376	0,072	0,305

CHR9	18836948	CHR9:18836948	SSF x Far_LoA	-8,75957218	0,040	0,314
CHR9	18836965	CHR9:18836965	SSF x Far_LoA	-9,05492071	0,049	0,301
CHR9	18836966	CHR9:18836966	SSF x Far_LoA	-10,5228932	0,026	0,318
CHR9	18836985	CHR9:18836985	SSF x Far_LoA	-9,71910767	0,075	0,300
CHR9	18836986	CHR9:18836986	SSF x Far_LoA	-9,67349047	0,076	0,300
CHR9	18837008	CHR9:18837008	SSF x Far_LoA	-10,8521213	-0,004	0,307
CHR9	18850845	CHR9:18850845	SSF x Far_LoA	-11,1545572	0,017	0,308
CHR9	18850868	CHR9:18850868	SSF x Far_LoA	-8,30071786	-0,124	0,298
CHR9	18850913	CHR9:18850913	SSF x Far_LoA	-8,3676597	0,097	0,300
CHR9	18861637	CHR9:18861637	SSF x Far_LoA	4,02074976	0,053	0,310
CHR9	18861790	CHR9:18861790	SSF x Far_LoA	-9,16226197	-0,032	0,315
CHR9	1886890	CHR9:1886890	SSF x Far_LoA	-9,06635428	0,079	0,309
CHR9	18869553	CHR9:18869553	SSF x Far_LoA	-9,64028648	-0,043	0,290
CHR9	1886963	CHR9:1886963	SSF x Far_LoA	-9,70600826	-0,085	0,313
CHR9	1887008	CHR9:1887008	SSF x Far_LoA	-6,73990334	-0,053	0,286
CHR9	1887083	CHR9:1887083	SSF x Far_LoA	-9,35686774	-0,075	0,314
CHR9	1887102	CHR9:1887102	SSF x Far_LoA	-10,5256396	-0,084	0,304
CHR9	18876610	CHR9:18876610	SSF x Far_LoA	-10,5550219	0,093	0,295
CHR9	18876624	CHR9:18876624	SSF x Far_LoA	-7,12332641	0,088	0,297
CHR9	18877861	CHR9:18877861	SSF x Far_LoA	-9,91928669	-0,064	0,299
CHR9	18899291	CHR9:18899291	SSF x Far_LoA	-0,12502897	-0,212	0,307
CHR9	18899297	CHR9:18899297	SSF x Far_LoA	-5,56918108	-0,223	0,299
CHR9	18899332	CHR9:18899332	SSF x Far_LoA	-8,08937527	0,014	0,308
CHR9	18899336	CHR9:18899336	SSF x Far_LoA	-6,6306246	0,062	0,305
CHR9	18899338	CHR9:18899338	SSF x Far_LoA	-11,1431078	-0,005	0,300
CHR9	18899389	CHR9:18899389	SSF x Far_LoA	-8,80937637	0,082	0,291
CHR9	18899566	CHR9:18899566	SSF x Far_LoA	-10,7213227	-0,026	0,304
CHR9	18899599	CHR9:18899599	SSF x Far_LoA	-5,70843039	-0,044	0,301
CHR9	18899603	CHR9:18899603	SSF x Far_LoA	-9,13487945	0,019	0,312
CHR9	18899618	CHR9:18899618	SSF x Far_LoA	-8,15361889	-0,024	0,310
CHR9	18899619	CHR9:18899619	SSF x Far_LoA	-8,74391894	0,008	0,312
CHR9	18899625	CHR9:18899625	SSF x Far_LoA	-9,62353246	-0,010	0,307
CHR9	18899640	CHR9:18899640	SSF x Far_LoA	-9,19481142	-0,032	0,319
CHR9	18903954	CHR9:18903954	SSF x Far_LoA	-5,55908615	0,141	0,315
CHR9	18921228	CHR9:18921228	SSF x Far_LoA	-8,9876239	-0,032	0,315
CHR9	18921314	CHR9:18921314	SSF x Far_LoA	-6,96603498	0,023	0,306
CHR9	18921418	CHR9:18921418	SSF x Far_LoA	-10,7705225	0,089	0,305
CHR9	18924239	CHR9:18924239	SSF x Far_LoA	-10,9896361	0,105	0,303
CHR9	18941903	CHR9:18941903	SSF x Far_LoA	-10,730694	0,007	0,301
CHR9	18941996	CHR9:18941996	SSF x Far_LoA	-8,98667858	0,099	0,300
CHR9	18942011	CHR9:18942011	SSF x Far_LoA	-5,072843	-0,142	0,305
CHR9	18942047	CHR9:18942047	SSF x Far_LoA	-8,88171114	0,056	0,307
CHR9	18957446	CHR9:18957446	SSF x Far_LoA	-8,88382036	-0,028	0,324
CHR9	18957459	CHR9:18957459	SSF x Far_LoA	2,26535657	-0,067	0,307
CHR9	18957479	CHR9:18957479	SSF x Far_LoA	-9,76957177	0,050	0,305
CHR9	18957481	CHR9:18957481	SSF x Far_LoA	-6,57324247	0,073	0,302
CHR9	18957504	CHR9:18957504	SSF x Far_LoA	-8,71986663	-0,054	0,294
CHR9	18972404	CHR9:18972404	SSF x Far_LoA	-11,1538376	-0,030	0,308
CHR9	18972455	CHR9:18972455	SSF x Far_LoA	-11,109873	-0,039	0,314
CHR9	18972475	CHR9:18972475	SSF x Far_LoA	-9,12900099	0,143	0,298
CHR9	18972491	CHR9:18972491	SSF x Far_LoA	-9,97650939	-0,066	0,305
CHR9	18972531	CHR9:18972531	SSF x Far_LoA	-8,010655	0,140	0,305
CHR9	18972582	CHR9:18972582	SSF x Far_LoA	-8,34038497	0,034	0,304

CHR9	18972641	CHR9:18972641	SSF x Far_LoA	-9,37147798	-0,189	0,294
CHR9	18984125	CHR9:18984125	SSF x Far_LoA	-8,99491805	0,108	0,315
CHR9	18984153	CHR9:18984153	SSF x Far_LoA	-9,74179801	0,001	0,310
CHR9	18984339	CHR9:18984339	SSF x Far_LoA	-9,40319735	-0,031	0,305
CHR9	18984361	CHR9:18984361	SSF x Far_LoA	-6,4818929	0,006	0,305
CHR9	18984473	CHR9:18984473	SSF x Far_LoA	-11,4574997	-0,089	0,304
CHR9	18994931	CHR9:18994931	SSF x Far_LoA	-10,5908236	0,003	0,308
CHR9	18994935	CHR9:18994935	SSF x Far_LoA	-12,0633493	-0,048	0,315
CHR9	18994990	CHR9:18994990	SSF x Far_LoA	-5,76113265	-0,176	0,302
CHR9	18994994	CHR9:18994994	SSF x Far_LoA	-4,67570604	-0,222	0,282
CHR9	18995004	CHR9:18995004	SSF x Far_LoA	-10,7106915	0,076	0,317
CHR9	18995664	CHR9:18995664	SSF x Far_LoA	-11,1561452	0,047	0,301
CHR9	1899632	CHR9:1899632	SSF x Far_LoA	-10,2271457	-0,095	0,304
CHR9	1899732	CHR9:1899732	SSF x Far_LoA	-9,41916857	-0,068	0,308
CHR9	1899769	CHR9:1899769	SSF x Far_LoA	-9,81158302	0,038	0,323
CHR9	1899922	CHR9:1899922	SSF x Far_LoA	-9,16865618	-0,125	0,304
CHR9	1899936	CHR9:1899936	SSF x Far_LoA	-10,6130166	-0,005	0,313
CHR9	19003707	CHR9:19003707	SSF x Far_LoA	-3,84905293	-0,199	0,301
CHR9	19003722	CHR9:19003722	SSF x Far_LoA	-3,93395092	-0,236	0,298
CHR9	19003780	CHR9:19003780	SSF x Far_LoA	-9,15825717	-0,044	0,308
CHR9	19003871	CHR9:19003871	SSF x Far_LoA	-5,50614111	-0,170	0,285
CHR9	19007835	CHR9:19007835	SSF x Far_LoA	-9,4143399	-0,102	0,307
CHR9	19007984	CHR9:19007984	SSF x Far_LoA	-7,81334253	-0,133	0,300
CHR9	19015532	CHR9:19015532	SSF x Far_LoA	-7,05631903	0,015	0,296
CHR9	19018245	CHR9:19018245	SSF x Far_LoA	-11,8209289	0,069	0,289
CHR9	19018252	CHR9:19018252	SSF x Far_LoA	-8,71770934	0,191	0,293
CHR9	19018268	CHR9:19018268	SSF x Far_LoA	-9,84259786	-0,071	0,307
CHR9	19018361	CHR9:19018361	SSF x Far_LoA	-11,0905562	0,058	0,288
CHR9	19018381	CHR9:19018381	SSF x Far_LoA	-9,72434477	0,075	0,298
CHR9	19018417	CHR9:19018417	SSF x Far_LoA	-7,72228771	-0,125	0,300
CHR9	19018439	CHR9:19018439	SSF x Far_LoA	-4,5496637	0,102	0,310
CHR9	19018467	CHR9:19018467	SSF x Far_LoA	-10,1462988	0,059	0,300
CHR9	19018475	CHR9:19018475	SSF x Far_LoA	-4,89598563	0,100	0,307
CHR9	19020752	CHR9:19020752	SSF x Far_LoA	-10,6082843	-0,008	0,297
CHR9	19020755	CHR9:19020755	SSF x Far_LoA	-9,51591685	0,000	0,303
CHR9	19026573	CHR9:19026573	SSF x Far_LoA	-10,0034211	0,088	0,309
CHR9	19026668	CHR9:19026668	SSF x Far_LoA	-9,49697861	-0,019	0,298
CHR9	19026777	CHR9:19026777	SSF x Far_LoA	-9,75328666	-0,042	0,317
CHR9	19026780	CHR9:19026780	SSF x Far_LoA	-9,95014718	-0,095	0,291
CHR9	19026876	CHR9:19026876	SSF x Far_LoA	-7,5430784	-0,046	0,317
CHR9	19026878	CHR9:19026878	SSF x Far_LoA	-8,19194243	-0,054	0,317
CHR9	19032395	CHR9:19032395	SSF x Far_LoA	-10,9197434	0,089	0,303
CHR9	19032706	CHR9:19032706	SSF x Far_LoA	-8,94633326	-0,061	0,288
CHR9	19040293	CHR9:19040293	SSF x Far_LoA	-10,0634747	0,072	0,314
CHR9	19040311	CHR9:19040311	SSF x Far_LoA	-10,3721852	-0,078	0,306
CHR9	19040347	CHR9:19040347	SSF x Far_LoA	-10,7877222	0,054	0,306
CHR9	19040371	CHR9:19040371	SSF x Far_LoA	-9,50050476	0,050	0,320
CHR9	19040395	CHR9:19040395	SSF x Far_LoA	-8,73150566	-0,135	0,307
CHR9	19052847	CHR9:19052847	SSF x Far_LoA	-9,44215521	-0,082	0,296
CHR9	19052871	CHR9:19052871	SSF x Far_LoA	-9,8430311	0,027	0,308
CHR9	19052891	CHR9:19052891	SSF x Far_LoA	-5,94550409	-0,048	0,314
CHR9	1905644	CHR9:1905644	SSF x Far_LoA	-6,66722121	-0,029	0,292
CHR9	1905689	CHR9:1905689	SSF x Far_LoA	-9,03974207	-0,017	0,308

CHR9	1905707	CHR9:1905707	SSF x Far_LoA	-8,5744534	0,124	0,306
CHR9	1905780	CHR9:1905780	SSF x Far_LoA	-4,74348414	-0,194	0,289
CHR9	1905796	CHR9:1905796	SSF x Far_LoA	-7,996753	-0,076	0,315
CHR9	19058432	CHR9:19058432	SSF x Far_LoA	-11,6997732	-0,034	0,318
CHR9	19060906	CHR9:19060906	SSF x Far_LoA	-8,82910918	0,081	0,283
CHR9	19060940	CHR9:19060940	SSF x Far_LoA	-8,52975571	-0,085	0,299
CHR9	19060947	CHR9:19060947	SSF x Far_LoA	-7,67251992	0,096	0,299
CHR9	19060961	CHR9:19060961	SSF x Far_LoA	-11,0417164	0,064	0,308
CHR9	19060966	CHR9:19060966	SSF x Far_LoA	-10,8277623	0,052	0,319
CHR9	19060989	CHR9:19060989	SSF x Far_LoA	-9,02047773	-0,056	0,300
CHR9	19061010	CHR9:19061010	SSF x Far_LoA	-7,87868002	-0,067	0,290
CHR9	19061012	CHR9:19061012	SSF x Far_LoA	-9,56622869	-0,104	0,301
CHR9	19061025	CHR9:19061025	SSF x Far_LoA	-11,2673344	-0,079	0,306
CHR9	19061039	CHR9:19061039	SSF x Far_LoA	-8,06413869	-0,097	0,314
CHR9	19065099	CHR9:19065099	SSF x Far_LoA	-6,620973	-0,173	0,288
CHR9	19065378	CHR9:19065378	SSF x Far_LoA	-4,8978444	0,174	0,289
CHR9	19072719	CHR9:19072719	SSF x Far_LoA	-9,89227327	-0,082	0,310
CHR9	19072734	CHR9:19072734	SSF x Far_LoA	-9,79196633	0,035	0,303
CHR9	19072737	CHR9:19072737	SSF x Far_LoA	-5,95632309	0,160	0,294
CHR9	19072753	CHR9:19072753	SSF x Far_LoA	-4,22107474	-0,091	0,301
CHR9	19072755	CHR9:19072755	SSF x Far_LoA	-11,0225867	-0,098	0,293
CHR9	19072878	CHR9:19072878	SSF x Far_LoA	-6,45885403	-0,168	0,282
CHR9	19082139	CHR9:19082139	SSF x Far_LoA	-7,34108138	0,148	0,294
CHR9	19082141	CHR9:19082141	SSF x Far_LoA	-5,42536693	0,156	0,296
CHR9	19082168	CHR9:19082168	SSF x Far_LoA	-6,92541599	0,144	0,297
CHR9	19082171	CHR9:19082171	SSF x Far_LoA	-5,69613094	-0,128	0,316
CHR9	19082188	CHR9:19082188	SSF x Far_LoA	-9,26785949	0,036	0,303
CHR9	19082189	CHR9:19082189	SSF x Far_LoA	-8,07752903	0,062	0,305
CHR9	19082222	CHR9:19082222	SSF x Far_LoA	-12,1811139	-0,024	0,301
CHR9	19092898	CHR9:19092898	SSF x Far_LoA	-10,1459536	-0,050	0,302
CHR9	19092911	CHR9:19092911	SSF x Far_LoA	-8,31456196	-0,047	0,309
CHR9	19092938	CHR9:19092938	SSF x Far_LoA	-12,1850533	-0,070	0,291
CHR9	19092961	CHR9:19092961	SSF x Far_LoA	-9,70372371	0,003	0,315
CHR9	19092979	CHR9:19092979	SSF x Far_LoA	-10,6614183	0,035	0,312
CHR9	19093018	CHR9:19093018	SSF x Far_LoA	-10,8007654	0,075	0,315
CHR9	19094613	CHR9:19094613	SSF x Far_LoA	-10,5470067	0,065	0,323
CHR9	1909784	CHR9:1909784	SSF x Far_LoA	-8,41512599	0,124	0,303
CHR9	1909845	CHR9:1909845	SSF x Far_LoA	-8,92240901	-0,067	0,293
CHR9	1909937	CHR9:1909937	SSF x Far_LoA	-10,7579792	-0,036	0,300
CHR9	1909977	CHR9:1909977	SSF x Far_LoA	-11,5035256	0,031	0,289
CHR9	19105790	CHR9:19105790	SSF x Far_LoA	-8,02922593	-0,020	0,312
CHR9	19105799	CHR9:19105799	SSF x Far_LoA	-8,84242307	-0,071	0,314
CHR9	19105801	CHR9:19105801	SSF x Far_LoA	-10,1536761	-0,044	0,313
CHR9	19105802	CHR9:19105802	SSF x Far_LoA	-11,4776926	-0,057	0,311
CHR9	19105826	CHR9:19105826	SSF x Far_LoA	-9,68403803	-0,116	0,303
CHR9	19105836	CHR9:19105836	SSF x Far_LoA	-9,17031172	-0,110	0,318
CHR9	19105860	CHR9:19105860	SSF x Far_LoA	-7,74048041	-0,081	0,306
CHR9	19105878	CHR9:19105878	SSF x Far_LoA	-3,06995557	0,081	0,292
CHR9	19107133	CHR9:19107133	SSF x Far_LoA	-11,4217767	-0,114	0,303
CHR9	19107211	CHR9:19107211	SSF x Far_LoA	-7,20464319	-0,153	0,288
CHR9	19107214	CHR9:19107214	SSF x Far_LoA	-7,75351534	-0,171	0,294
CHR9	19107286	CHR9:19107286	SSF x Far_LoA	-9,23630688	-0,050	0,300
CHR9	19107304	CHR9:19107304	SSF x Far_LoA	-7,63788699	0,146	0,301

CHR9	19107329	CHR9:19107329	SSF x Far_LoA	-11,7412067	-0,031	0,297
CHR9	19113771	CHR9:19113771	SSF x Far_LoA	-4,94132827	0,067	0,304
CHR9	19113775	CHR9:19113775	SSF x Far_LoA	-8,94264959	0,038	0,307
CHR9	19113784	CHR9:19113784	SSF x Far_LoA	-10,5923051	-0,111	0,302
CHR9	19126553	CHR9:19126553	SSF x Far_LoA	-10,3706692	0,044	0,297
CHR9	19126568	CHR9:19126568	SSF x Far_LoA	-9,91648752	-0,005	0,322
CHR9	19126657	CHR9:19126657	SSF x Far_LoA	-10,9913185	-0,096	0,310
CHR9	19126674	CHR9:19126674	SSF x Far_LoA	-9,1356578	-0,090	0,311
CHR9	19130461	CHR9:19130461	SSF x Far_LoA	-9,22172755	-0,084	0,297
CHR9	19130514	CHR9:19130514	SSF x Far_LoA	-8,48390859	-0,119	0,318
CHR9	19131802	CHR9:19131802	SSF x Far_LoA	-6,37182348	-0,160	0,299
CHR9	19131845	CHR9:19131845	SSF x Far_LoA	-8,97375164	-0,039	0,286
CHR9	19131849	CHR9:19131849	SSF x Far_LoA	-10,2387893	-0,045	0,306
CHR9	19131872	CHR9:19131872	SSF x Far_LoA	-7,9302848	0,145	0,304
CHR9	19131879	CHR9:19131879	SSF x Far_LoA	-7,00896916	0,180	0,292
CHR9	19131906	CHR9:19131906	SSF x Far_LoA	2,99634203	0,212	0,290
CHR9	19131909	CHR9:19131909	SSF x Far_LoA	-8,55813575	-0,090	0,301
CHR9	19131910	CHR9:19131910	SSF x Far_LoA	-6,83422335	0,186	0,294
CHR9	19136269	CHR9:19136269	SSF x Far_LoA	-9,56690277	0,047	0,289
CHR9	19136303	CHR9:19136303	SSF x Far_LoA	-8,57145408	-0,059	0,303
CHR9	19136314	CHR9:19136314	SSF x Far_LoA	-9,3198639	-0,036	0,304
CHR9	19136326	CHR9:19136326	SSF x Far_LoA	-9,10772446	-0,054	0,286
CHR9	19136337	CHR9:19136337	SSF x Far_LoA	-10,6264446	0,057	0,293
CHR9	19136340	CHR9:19136340	SSF x Far_LoA	-8,32613816	0,030	0,307
CHR9	19136347	CHR9:19136347	SSF x Far_LoA	-10,5722402	0,003	0,308
CHR9	19136352	CHR9:19136352	SSF x Far_LoA	-9,85560139	0,038	0,286
CHR9	19138050	CHR9:19138050	SSF x Far_LoA	-11,9030813	0,010	0,304
CHR9	19138059	CHR9:19138059	SSF x Far_LoA	-9,77680648	0,117	0,307
CHR9	19138073	CHR9:19138073	SSF x Far_LoA	-7,59213344	-0,133	0,308
CHR9	19138087	CHR9:19138087	SSF x Far_LoA	-8,20135475	0,041	0,301
CHR9	19138108	CHR9:19138108	SSF x Far_LoA	-7,31833972	-0,150	0,294
CHR9	19140084	CHR9:19140084	SSF x Far_LoA	-9,36403527	0,037	0,316
CHR9	19140095	CHR9:19140095	SSF x Far_LoA	-11,5583985	0,046	0,305
CHR9	19140187	CHR9:19140187	SSF x Far_LoA	-9,21583889	0,023	0,312
CHR9	19142060	CHR9:19142060	SSF x Far_LoA	-7,16676878	-0,190	0,298
CHR9	19142126	CHR9:19142126	SSF x Far_LoA	-11,1519337	-0,016	0,311
CHR9	19142614	CHR9:19142614	SSF x Far_LoA	-10,6470754	-0,021	0,297
CHR9	19142618	CHR9:19142618	SSF x Far_LoA	-10,4708891	-0,032	0,297
CHR9	19142644	CHR9:19142644	SSF x Far_LoA	-7,50566174	-0,151	0,292
CHR9	19142665	CHR9:19142665	SSF x Far_LoA	-4,49533772	-0,160	0,296
CHR9	19142723	CHR9:19142723	SSF x Far_LoA	-8,6144569	-0,109	0,316
CHR9	19148404	CHR9:19148404	SSF x Far_LoA	-7,01265451	0,022	0,311
CHR9	19148429	CHR9:19148429	SSF x Far_LoA	-11,9135934	-0,010	0,308
CHR9	19148444	CHR9:19148444	SSF x Far_LoA	-8,45007867	0,045	0,304
CHR9	19148456	CHR9:19148456	SSF x Far_LoA	-4,63833963	0,025	0,316
CHR9	19148509	CHR9:19148509	SSF x Far_LoA	-9,13263689	0,075	0,304
CHR9	19148522	CHR9:19148522	SSF x Far_LoA	-8,10659185	0,134	0,299
CHR9	19149921	CHR9:19149921	SSF x Far_LoA	-10,0124297	0,105	0,309
CHR9	19162589	CHR9:19162589	SSF x Far_LoA	-8,52836564	0,017	0,286
CHR9	19162622	CHR9:19162622	SSF x Far_LoA	-10,6171591	0,052	0,293
CHR9	19162661	CHR9:19162661	SSF x Far_LoA	-10,6908838	-0,138	0,298
CHR9	19162760	CHR9:19162760	SSF x Far_LoA	-8,49589459	-0,120	0,306
CHR9	19165714	CHR9:19165714	SSF x Far_LoA	-9,15817118	0,129	0,312

CHR9	19165741	CHR9:19165741	SSF x Far_LoA	-10,8548222	-0,067	0,300
CHR9	19166148	CHR9:19166148	SSF x Far_LoA	-8,66057662	-0,078	0,313
CHR9	19166154	CHR9:19166154	SSF x Far_LoA	-7,61229843	-0,061	0,310
CHR9	19169929	CHR9:19169929	SSF x Far_LoA	-11,6275435	0,019	0,309
CHR9	19176126	CHR9:19176126	SSF x Far_LoA	-8,30673799	-0,043	0,313
CHR9	19176128	CHR9:19176128	SSF x Far_LoA	-10,9164199	0,061	0,296
CHR9	19176177	CHR9:19176177	SSF x Far_LoA	-8,00621678	0,075	0,305
CHR9	19176186	CHR9:19176186	SSF x Far_LoA	-10,2321864	0,109	0,304
CHR9	19176251	CHR9:19176251	SSF x Far_LoA	-9,60872969	0,006	0,305
CHR9	19177612	CHR9:19177612	SSF x Far_LoA	-10,842688	-0,039	0,311
CHR9	19177620	CHR9:19177620	SSF x Far_LoA	-8,98835284	-0,124	0,308
CHR9	19177625	CHR9:19177625	SSF x Far_LoA	-11,1270808	-0,113	0,314
CHR9	19177756	CHR9:19177756	SSF x Far_LoA	-9,51165607	0,141	0,287
CHR9	19177786	CHR9:19177786	SSF x Far_LoA	-10,1609148	0,005	0,318
CHR9	19179810	CHR9:19179810	SSF x Far_LoA	-6,08057691	-0,071	0,318
CHR9	19179816	CHR9:19179816	SSF x Far_LoA	-11,7380018	0,043	0,311
CHR9	19179851	CHR9:19179851	SSF x Far_LoA	-9,48237889	0,088	0,297
CHR9	19180273	CHR9:19180273	SSF x Far_LoA	-5,56561081	-0,209	0,280
CHR9	19180394	CHR9:19180394	SSF x Far_LoA	-8,04171496	-0,121	0,299
CHR9	19184564	CHR9:19184564	SSF x Far_LoA	-10,9521749	-0,115	0,303
CHR9	19184567	CHR9:19184567	SSF x Far_LoA	-10,5222949	-0,110	0,306
CHR9	19184607	CHR9:19184607	SSF x Far_LoA	-9,59186742	0,126	0,306
CHR9	19184616	CHR9:19184616	SSF x Far_LoA	-10,6162765	0,120	0,300
CHR9	19184682	CHR9:19184682	SSF x Far_LoA	-8,4353192	0,060	0,304
CHR9	19184687	CHR9:19184687	SSF x Far_LoA	-7,9385213	-0,097	0,299
CHR9	19184688	CHR9:19184688	SSF x Far_LoA	-9,10399897	-0,070	0,309
CHR9	19184749	CHR9:19184749	SSF x Far_LoA	-10,6740506	0,032	0,312
CHR9	19184778	CHR9:19184778	SSF x Far_LoA	-8,40125271	0,151	0,307
CHR9	19187663	CHR9:19187663	SSF x Far_LoA	-8,34417082	0,081	0,302
CHR9	19187690	CHR9:19187690	SSF x Far_LoA	-9,13741733	0,053	0,311
CHR9	19187738	CHR9:19187738	SSF x Far_LoA	-9,70370002	-0,025	0,304
CHR9	19187745	CHR9:19187745	SSF x Far_LoA	-10,1727253	0,007	0,302
CHR9	19187753	CHR9:19187753	SSF x Far_LoA	-9,10946218	-0,021	0,305
CHR9	19187775	CHR9:19187775	SSF x Far_LoA	-9,97185116	-0,038	0,305
CHR9	19187776	CHR9:19187776	SSF x Far_LoA	-8,15172645	-0,053	0,322
CHR9	19187837	CHR9:19187837	SSF x Far_LoA	-9,07540855	0,031	0,300
CHR9	19187845	CHR9:19187845	SSF x Far_LoA	-2,93480704	0,057	0,295
CHR9	19187863	CHR9:19187863	SSF x Far_LoA	-10,0435069	-0,049	0,299
CHR9	19187869	CHR9:19187869	SSF x Far_LoA	-9,07376717	0,049	0,303
CHR9	19187870	CHR9:19187870	SSF x Far_LoA	-8,6139708	0,048	0,295
CHR9	19187909	CHR9:19187909	SSF x Far_LoA	-8,66580304	0,040	0,305
CHR9	19187915	CHR9:19187915	SSF x Far_LoA	-10,9029702	0,025	0,308
CHR9	19192757	CHR9:19192757	SSF x Far_LoA	-8,93927411	-0,061	0,292
CHR9	19192785	CHR9:19192785	SSF x Far_LoA	-8,67872182	0,046	0,298
CHR9	19192819	CHR9:19192819	SSF x Far_LoA	-9,28512946	-0,021	0,302
CHR9	19194834	CHR9:19194834	SSF x Far_LoA	-7,87085124	-0,070	0,300
CHR9	19201935	CHR9:19201935	SSF x Far_LoA	-3,18093953	-0,028	0,297
CHR9	19201966	CHR9:19201966	SSF x Far_LoA	-8,26839189	-0,019	0,293
CHR9	19211597	CHR9:19211597	SSF x Far_LoA	-9,15493834	0,049	0,311
CHR9	19211631	CHR9:19211631	SSF x Far_LoA	-8,10783103	-0,099	0,306
CHR9	19211634	CHR9:19211634	SSF x Far_LoA	-8,32654339	-0,138	0,301
CHR9	19213911	CHR9:19213911	SSF x Far_LoA	-7,26942541	0,107	0,303
CHR9	19214004	CHR9:19214004	SSF x Far_LoA	-9,26624308	-0,082	0,309

CHR9	19214005	CHR9:19214005	SSF x Far_LoA	-9,23686276	-0,100	0,308
CHR9	19214121	CHR9:19214121	SSF x Far_LoA	-10,0060741	-0,076	0,297
CHR9	1921612	CHR9:1921612	SSF x Far_LoA	-8,79151241	0,028	0,311
CHR9	1921620	CHR9:1921620	SSF x Far_LoA	-9,22126034	0,065	0,308
CHR9	1921649	CHR9:1921649	SSF x Far_LoA	-8,10482255	0,040	0,311
CHR9	1921682	CHR9:1921682	SSF x Far_LoA	-10,1144458	-0,068	0,304
CHR9	19217312	CHR9:19217312	SSF x Far_LoA	-8,94488593	0,080	0,310
CHR9	19217380	CHR9:19217380	SSF x Far_LoA	-11,9683927	0,052	0,290
CHR9	19217413	CHR9:19217413	SSF x Far_LoA	-11,1348899	-0,051	0,296
CHR9	19217428	CHR9:19217428	SSF x Far_LoA	-7,15601897	-0,028	0,302
CHR9	19217448	CHR9:19217448	SSF x Far_LoA	-8,1164704	-0,091	0,306
CHR9	19217465	CHR9:19217465	SSF x Far_LoA	-9,10207768	-0,016	0,316
CHR9	19217508	CHR9:19217508	SSF x Far_LoA	-10,388226	-0,048	0,300
CHR9	19217519	CHR9:19217519	SSF x Far_LoA	-8,15165952	-0,014	0,315
CHR9	19217535	CHR9:19217535	SSF x Far_LoA	-11,259877	0,089	0,298
CHR9	19236513	CHR9:19236513	SSF x Far_LoA	-10,3272516	0,082	0,298
CHR9	19257245	CHR9:19257245	SSF x Far_LoA	-10,3013101	-0,075	0,315
CHR9	19258046	CHR9:19258046	SSF x Far_LoA	-0,61791364	-0,126	0,305
CHR9	19258091	CHR9:19258091	SSF x Far_LoA	-6,14142535	0,118	0,313
CHR9	19258216	CHR9:19258216	SSF x Far_LoA	-7,44576406	0,031	0,308
CHR9	1926146	CHR9:1926146	SSF x Far_LoA	-10,5052191	-0,062	0,295
CHR9	1926171	CHR9:1926171	SSF x Far_LoA	-10,6515627	-0,115	0,307
CHR9	19262121	CHR9:19262121	SSF x Far_LoA	-8,56623926	0,013	0,304
CHR9	1926224	CHR9:1926224	SSF x Far_LoA	-10,8887824	-0,004	0,312
CHR9	19262241	CHR9:19262241	SSF x Far_LoA	-8,11905406	-0,086	0,318
CHR9	19262351	CHR9:19262351	SSF x Far_LoA	-11,3096632	-0,019	0,316
CHR9	19266336	CHR9:19266336	SSF x Far_LoA	-10,5792917	0,071	0,306
CHR9	19266377	CHR9:19266377	SSF x Far_LoA	-7,47612844	-0,028	0,309
CHR9	19266396	CHR9:19266396	SSF x Far_LoA	-6,46148377	0,053	0,308
CHR9	19267661	CHR9:19267661	SSF x Far_LoA	-7,04278708	0,107	0,306
CHR9	19267689	CHR9:19267689	SSF x Far_LoA	-7,84896382	0,121	0,309
CHR9	19274121	CHR9:19274121	SSF x Far_LoA	-9,59314948	0,030	0,314
CHR9	19278270	CHR9:19278270	SSF x Far_LoA	-8,06696964	-0,073	0,315
CHR9	19278321	CHR9:19278321	SSF x Far_LoA	-9,21179595	0,070	0,303
CHR9	19278370	CHR9:19278370	SSF x Far_LoA	-9,45049822	-0,010	0,306
CHR9	19278387	CHR9:19278387	SSF x Far_LoA	-8,01144297	0,063	0,306
CHR9	19281080	CHR9:19281080	SSF x Far_LoA	-8,13304495	0,063	0,304
CHR9	19287429	CHR9:19287429	SSF x Far_LoA	-11,3116096	-0,081	0,309
CHR9	19287451	CHR9:19287451	SSF x Far_LoA	-9,18257992	0,000	0,313
CHR9	19287461	CHR9:19287461	SSF x Far_LoA	-11,4232198	-0,043	0,315
CHR9	19287495	CHR9:19287495	SSF x Far_LoA	-11,1877501	-0,066	0,295
CHR9	19287496	CHR9:19287496	SSF x Far_LoA	-9,83236018	-0,066	0,303
CHR9	19287502	CHR9:19287502	SSF x Far_LoA	-7,86984451	0,056	0,298
CHR9	1928903	CHR9:1928903	SSF x Far_LoA	-6,39303761	-0,065	0,316
CHR9	1928951	CHR9:1928951	SSF x Far_LoA	-9,92898087	-0,128	0,305
CHR9	1928962	CHR9:1928962	SSF x Far_LoA	-9,9167144	0,023	0,302
CHR9	1928973	CHR9:1928973	SSF x Far_LoA	-8,13434601	-0,110	0,295
CHR9	19294421	CHR9:19294421	SSF x Far_LoA	-11,0549968	-0,031	0,310
CHR9	19294431	CHR9:19294431	SSF x Far_LoA	-10,9994909	-0,054	0,306
CHR9	19294443	CHR9:19294443	SSF x Far_LoA	-8,33372871	0,058	0,316
CHR9	19294454	CHR9:19294454	SSF x Far_LoA	-11,3783121	0,064	0,298
CHR9	19294461	CHR9:19294461	SSF x Far_LoA	-9,52165152	-0,081	0,314
CHR9	19294479	CHR9:19294479	SSF x Far_LoA	-8,85240472	-0,023	0,308

CHR9	19294493	CHR9:19294493	SSF x Far_LoA	-9,5736927	-0,094	0,311
CHR9	19294519	CHR9:19294519	SSF x Far_LoA	-9,57026355	0,054	0,309
CHR9	19294534	CHR9:19294534	SSF x Far_LoA	-8,96554807	0,067	0,301
CHR9	19294541	CHR9:19294541	SSF x Far_LoA	-8,09762851	0,076	0,308
CHR9	19294587	CHR9:19294587	SSF x Far_LoA	-11,9931208	-0,005	0,295
CHR9	19294646	CHR9:19294646	SSF x Far_LoA	-11,7912736	-0,048	0,302
CHR9	19294657	CHR9:19294657	SSF x Far_LoA	-10,2558452	0,045	0,295
CHR9	19294658	CHR9:19294658	SSF x Far_LoA	-9,38211836	-0,032	0,329
CHR9	19298110	CHR9:19298110	SSF x Far_LoA	-9,35968213	0,167	0,301
CHR9	19298176	CHR9:19298176	SSF x Far_LoA	-7,86322254	0,159	0,287
CHR9	19298195	CHR9:19298195	SSF x Far_LoA	-7,60488277	-0,096	0,306
CHR9	19298221	CHR9:19298221	SSF x Far_LoA	-11,6914946	0,035	0,296
CHR9	19299619	CHR9:19299619	SSF x Far_LoA	-7,5569441	-0,041	0,328
CHR9	19299631	CHR9:19299631	SSF x Far_LoA	-9,35659438	-0,013	0,316
CHR9	19303013	CHR9:19303013	SSF x Far_LoA	-8,61133526	-0,156	0,291
CHR9	19313132	CHR9:19313132	SSF x Far_LoA	-8,25941118	0,055	0,313
CHR9	19313166	CHR9:19313166	SSF x Far_LoA	-8,73349981	-0,102	0,281
CHR9	19313172	CHR9:19313172	SSF x Far_LoA	-3,44298785	-0,289	0,289
CHR9	19313186	CHR9:19313186	SSF x Far_LoA	-7,24869672	0,079	0,312
CHR9	19313249	CHR9:19313249	SSF x Far_LoA	-8,76377572	-0,087	0,300
CHR9	19313320	CHR9:19313320	SSF x Far_LoA	-8,86010997	-0,109	0,301
CHR9	1933134	CHR9:1933134	SSF x Far_LoA	-7,07185317	0,030	0,317
CHR9	1933627	CHR9:1933627	SSF x Far_LoA	-5,25881296	-0,175	0,307
CHR9	1933637	CHR9:1933637	SSF x Far_LoA	-11,141159	-0,010	0,306
CHR9	1933641	CHR9:1933641	SSF x Far_LoA	-5,91159988	-0,149	0,300
CHR9	1933681	CHR9:1933681	SSF x Far_LoA	-10,4748015	0,002	0,310
CHR9	19336862	CHR9:19336862	SSF x Far_LoA	-9,01843612	-0,037	0,303
CHR9	19336936	CHR9:19336936	SSF x Far_LoA	-8,81339562	0,023	0,299
CHR9	19336992	CHR9:19336992	SSF x Far_LoA	-9,90867893	0,059	0,309
CHR9	1933703	CHR9:1933703	SSF x Far_LoA	-9,69071277	0,054	0,305
CHR9	19337046	CHR9:19337046	SSF x Far_LoA	-9,60540986	0,007	0,319
CHR9	19337060	CHR9:19337060	SSF x Far_LoA	-8,34949861	0,015	0,312
CHR9	19337068	CHR9:19337068	SSF x Far_LoA	-8,38042959	0,033	0,310
CHR9	19337071	CHR9:19337071	SSF x Far_LoA	-9,23228076	0,004	0,303
CHR9	19337077	CHR9:19337077	SSF x Far_LoA	-8,5130872	-0,008	0,307
CHR9	19337100	CHR9:19337100	SSF x Far_LoA	-10,892161	-0,028	0,321
CHR9	19337118	CHR9:19337118	SSF x Far_LoA	-10,1543217	0,035	0,315
CHR9	19350167	CHR9:19350167	SSF x Far_LoA	-9,89252265	0,124	0,309
CHR9	19356635	CHR9:19356635	SSF x Far_LoA	-11,5541502	-0,019	0,325
CHR9	19356641	CHR9:19356641	SSF x Far_LoA	-11,5097293	0,023	0,300
CHR9	19357487	CHR9:19357487	SSF x Far_LoA	-8,28000834	-0,011	0,317
CHR9	19357498	CHR9:19357498	SSF x Far_LoA	-8,92360012	-0,022	0,318
CHR9	19357514	CHR9:19357514	SSF x Far_LoA	-7,66197929	0,075	0,315
CHR9	19357548	CHR9:19357548	SSF x Far_LoA	-4,89265565	0,010	0,311
CHR9	19357561	CHR9:19357561	SSF x Far_LoA	-8,1783264	-0,010	0,300
CHR9	19357569	CHR9:19357569	SSF x Far_LoA	-6,45002225	-0,085	0,316
CHR9	19357584	CHR9:19357584	SSF x Far_LoA	-7,27536594	-0,076	0,314
CHR9	19357655	CHR9:19357655	SSF x Far_LoA	-10,9860694	-0,017	0,311
CHR9	19367480	CHR9:19367480	SSF x Far_LoA	-8,63695987	0,072	0,308
CHR9	19367484	CHR9:19367484	SSF x Far_LoA	-8,97298504	0,003	0,319
CHR9	19367505	CHR9:19367505	SSF x Far_LoA	-9,88527213	0,006	0,293
CHR9	19367506	CHR9:19367506	SSF x Far_LoA	-8,46627325	0,070	0,301
CHR9	19367520	CHR9:19367520	SSF x Far_LoA	-12,059742	0,009	0,313

CHR9	19367546	CHR9:19367546	SSF x Far_LoA	-7,56094853	-0,189	0,296
CHR9	19368084	CHR9:19368084	SSF x Far_LoA	-9,07324233	0,004	0,304
CHR9	19368096	CHR9:19368096	SSF x Far_LoA	-10,7910493	-0,027	0,310
CHR9	19368129	CHR9:19368129	SSF x Far_LoA	-10,271196	-0,023	0,303
CHR9	19368194	CHR9:19368194	SSF x Far_LoA	-9,24365983	-0,015	0,308
CHR9	19368197	CHR9:19368197	SSF x Far_LoA	-9,03460401	-0,013	0,312
CHR9	19368198	CHR9:19368198	SSF x Far_LoA	-11,658038	0,051	0,308
CHR9	19368202	CHR9:19368202	SSF x Far_LoA	-8,82689276	0,008	0,313
CHR9	19372334	CHR9:19372334	SSF x Far_LoA	-7,93476626	0,113	0,304
CHR9	19372383	CHR9:19372383	SSF x Far_LoA	-5,25152661	-0,068	0,312
CHR9	19373968	CHR9:19373968	SSF x Far_LoA	-9,03675919	0,079	0,306
CHR9	19374088	CHR9:19374088	SSF x Far_LoA	-10,0587489	-0,021	0,293
CHR9	19375979	CHR9:19375979	SSF x Far_LoA	-8,43055207	-0,044	0,306
CHR9	19375982	CHR9:19375982	SSF x Far_LoA	-7,42002716	-0,030	0,325
CHR9	19388804	CHR9:19388804	SSF x Far_LoA	-8,96338281	-0,070	0,302
CHR9	19388814	CHR9:19388814	SSF x Far_LoA	-10,8763846	0,069	0,295
CHR9	19388855	CHR9:19388855	SSF x Far_LoA	-5,25970908	0,021	0,285
CHR9	19396629	CHR9:19396629	SSF x Far_LoA	-9,52259634	0,150	0,306
CHR9	1939905	CHR9:1939905	SSF x Far_LoA	-9,0388494	-0,127	0,301
CHR9	19401207	CHR9:19401207	SSF x Far_LoA	-9,71857768	-0,054	0,306
CHR9	19401257	CHR9:19401257	SSF x Far_LoA	-9,17477191	0,007	0,315
CHR9	19401323	CHR9:19401323	SSF x Far_LoA	-5,27776774	-0,007	0,305
CHR9	19402625	CHR9:19402625	SSF x Far_LoA	0,53702195	-0,049	0,303
CHR9	19402639	CHR9:19402639	SSF x Far_LoA	-11,1253851	-0,042	0,323
CHR9	19402659	CHR9:19402659	SSF x Far_LoA	-9,96637508	-0,002	0,294
CHR9	19402670	CHR9:19402670	SSF x Far_LoA	-9,83964033	-0,088	0,317
CHR9	19402680	CHR9:19402680	SSF x Far_LoA	-9,38966339	0,099	0,308
CHR9	19402689	CHR9:19402689	SSF x Far_LoA	-8,89668585	0,038	0,304
CHR9	19410491	CHR9:19410491	SSF x Far_LoA	-9,8362042	0,056	0,317
CHR9	19413871	CHR9:19413871	SSF x Far_LoA	-10,1128453	0,028	0,308
CHR9	19413879	CHR9:19413879	SSF x Far_LoA	-7,57484756	0,049	0,307
CHR9	19413887	CHR9:19413887	SSF x Far_LoA	-8,84736259	0,072	0,322
CHR9	19418280	CHR9:19418280	SSF x Far_LoA	-8,88863505	-0,120	0,296
CHR9	19419551	CHR9:19419551	SSF x Far_LoA	-8,28893267	-0,018	0,314
CHR9	19419573	CHR9:19419573	SSF x Far_LoA	-8,24142766	-0,077	0,311
CHR9	19419672	CHR9:19419672	SSF x Far_LoA	-9,89183435	-0,059	0,301
CHR9	19419676	CHR9:19419676	SSF x Far_LoA	-8,48725649	0,157	0,293
CHR9	19424980	CHR9:19424980	SSF x Far_LoA	-9,92908349	-0,105	0,323
CHR9	19425058	CHR9:19425058	SSF x Far_LoA	-7,64315606	-0,153	0,290
CHR9	19425330	CHR9:19425330	SSF x Far_LoA	-9,10848644	0,105	0,300
CHR9	19434217	CHR9:19434217	SSF x Far_LoA	-5,69302663	0,050	0,308
CHR9	19434225	CHR9:19434225	SSF x Far_LoA	-8,69297719	-0,004	0,306
CHR9	19434249	CHR9:19434249	SSF x Far_LoA	-9,06492907	0,076	0,307
CHR9	19434257	CHR9:19434257	SSF x Far_LoA	-11,4452151	0,030	0,305
CHR9	19434325	CHR9:19434325	SSF x Far_LoA	-11,0306107	-0,023	0,293
CHR9	19440064	CHR9:19440064	SSF x Far_LoA	-7,71017699	0,095	0,317
CHR9	19440101	CHR9:19440101	SSF x Far_LoA	-9,41764246	0,009	0,305
CHR9	19440108	CHR9:19440108	SSF x Far_LoA	-8,69065922	-0,038	0,317
CHR9	19440180	CHR9:19440180	SSF x Far_LoA	-8,06409503	-0,088	0,304
CHR9	19440321	CHR9:19440321	SSF x Far_LoA	-9,53067685	-0,020	0,320
CHR9	19440325	CHR9:19440325	SSF x Far_LoA	-8,0329431	0,036	0,311
CHR9	19440379	CHR9:19440379	SSF x Far_LoA	-7,74671342	-0,120	0,311
CHR9	19440383	CHR9:19440383	SSF x Far_LoA	-4,45136936	0,201	0,289

CHR9	19440465	CHR9:19440465	SSF x Far_LoA	-9,27873225	0,089	0,298
CHR9	19440497	CHR9:19440497	SSF x Far_LoA	-9,76171273	0,012	0,322
CHR9	19446843	CHR9:19446843	SSF x Far_LoA	-7,74309663	0,074	0,314
CHR9	19446852	CHR9:19446852	SSF x Far_LoA	-9,45244889	-0,036	0,298
CHR9	19446949	CHR9:19446949	SSF x Far_LoA	-9,53838035	0,008	0,306
CHR9	19446963	CHR9:19446963	SSF x Far_LoA	-12,0045179	-0,011	0,297
CHR9	19448972	CHR9:19448972	SSF x Far_LoA	-9,81604453	-0,057	0,321
CHR9	19449013	CHR9:19449013	SSF x Far_LoA	-9,60327893	0,032	0,301
CHR9	19449023	CHR9:19449023	SSF x Far_LoA	-10,2944113	0,059	0,303
CHR9	19449054	CHR9:19449054	SSF x Far_LoA	-9,46353143	0,004	0,301
CHR9	19457194	CHR9:19457194	SSF x Far_LoA	-11,4399608	-0,066	0,296
CHR9	19457251	CHR9:19457251	SSF x Far_LoA	-11,4322658	0,065	0,296
CHR9	19457282	CHR9:19457282	SSF x Far_LoA	-9,54586389	-0,040	0,306
CHR9	19457297	CHR9:19457297	SSF x Far_LoA	-7,94419731	-0,013	0,309
CHR9	19458072	CHR9:19458072	SSF x Far_LoA	-9,14323797	-0,151	0,310
CHR9	19458089	CHR9:19458089	SSF x Far_LoA	-9,48004601	-0,101	0,300
CHR9	19458117	CHR9:19458117	SSF x Far_LoA	-8,1456068	-0,042	0,307
CHR9	19458145	CHR9:19458145	SSF x Far_LoA	-9,80148771	-0,008	0,308
CHR9	19458159	CHR9:19458159	SSF x Far_LoA	-9,62093686	-0,069	0,296
CHR9	19458177	CHR9:19458177	SSF x Far_LoA	-10,6235759	-0,055	0,296
CHR9	19458217	CHR9:19458217	SSF x Far_LoA	-6,52783434	-0,169	0,289
CHR9	19471329	CHR9:19471329	SSF x Far_LoA	-8,19363354	-0,012	0,312
CHR9	19471399	CHR9:19471399	SSF x Far_LoA	-7,74548419	-0,010	0,310
CHR9	19471415	CHR9:19471415	SSF x Far_LoA	-9,34264164	0,007	0,292
CHR9	19471469	CHR9:19471469	SSF x Far_LoA	-11,5563854	-0,034	0,324
CHR9	19471505	CHR9:19471505	SSF x Far_LoA	-10,8836723	-0,073	0,308
CHR9	19471576	CHR9:19471576	SSF x Far_LoA	-12,1633118	0,015	0,305
CHR9	19471600	CHR9:19471600	SSF x Far_LoA	-11,5124345	0,006	0,308
CHR9	1947231	CHR9:1947231	SSF x Far_LoA	-9,53523376	0,086	0,300
CHR9	1947273	CHR9:1947273	SSF x Far_LoA	-11,4001601	-0,014	0,313
CHR9	1947274	CHR9:1947274	SSF x Far_LoA	-11,2091826	0,007	0,304
CHR9	1947308	CHR9:1947308	SSF x Far_LoA	-10,5545327	-0,130	0,298
CHR9	1948213	CHR9:1948213	SSF x Far_LoA	-7,03197293	-0,082	0,299
CHR9	1948228	CHR9:1948228	SSF x Far_LoA	-8,30513818	-0,093	0,291
CHR9	19484021	CHR9:19484021	SSF x Far_LoA	-7,7511683	0,052	0,310
CHR9	19484028	CHR9:19484028	SSF x Far_LoA	-8,45373872	-0,064	0,306
CHR9	19484030	CHR9:19484030	SSF x Far_LoA	-8,99112256	0,155	0,294
CHR9	19484040	CHR9:19484040	SSF x Far_LoA	-9,66231323	0,141	0,288
CHR9	19484058	CHR9:19484058	SSF x Far_LoA	-1,69468039	0,211	0,286
CHR9	19484106	CHR9:19484106	SSF x Far_LoA	-10,9244835	-0,109	0,309
CHR9	19484116	CHR9:19484116	SSF x Far_LoA	-6,87794708	-0,086	0,294
CHR9	19484117	CHR9:19484117	SSF x Far_LoA	-9,3422724	0,000	0,299
CHR9	19484166	CHR9:19484166	SSF x Far_LoA	-8,71301818	-0,022	0,301
CHR9	19484176	CHR9:19484176	SSF x Far_LoA	-9,93423336	0,124	0,299
CHR9	19484192	CHR9:19484192	SSF x Far_LoA	-10,023766	-0,018	0,297
CHR9	19484220	CHR9:19484220	SSF x Far_LoA	-9,66880326	0,121	0,290
CHR9	19489280	CHR9:19489280	SSF x Far_LoA	-8,17536448	-0,088	0,307
CHR9	19489282	CHR9:19489282	SSF x Far_LoA	-8,04349584	-0,063	0,315
CHR9	19489407	CHR9:19489407	SSF x Far_LoA	-8,79708365	0,048	0,315
CHR9	19489447	CHR9:19489447	SSF x Far_LoA	-8,58557038	0,022	0,316
CHR9	19489451	CHR9:19489451	SSF x Far_LoA	-11,039165	-0,013	0,304
CHR9	19489471	CHR9:19489471	SSF x Far_LoA	-9,9109993	0,059	0,309
CHR9	19489513	CHR9:19489513	SSF x Far_LoA	-10,5532265	-0,058	0,300

CHR9	19492911	CHR9:19492911	SSF x Far_LoA	-10,1606479	-0,058	0,311
CHR9	19492958	CHR9:19492958	SSF x Far_LoA	-9,38140071	-0,068	0,300
CHR9	19493004	CHR9:19493004	SSF x Far_LoA	-9,03560039	-0,035	0,326
CHR9	19493014	CHR9:19493014	SSF x Far_LoA	-8,20748561	-0,008	0,305
CHR9	19493018	CHR9:19493018	SSF x Far_LoA	-9,05758314	-0,075	0,296
CHR9	2E+07	CHR9:19513298	SSF x Far_LoA	-11,2630946	-0,024	0,321
CHR9	2E+07	CHR9:19513367	SSF x Far_LoA	-7,93633093	0,111	0,288
CHR9	2E+07	CHR9:19513424	SSF x Far_LoA	-8,10691289	0,047	0,318
CHR9	2E+07	CHR9:19544208	SSF x Far_LoA	-9,48782609	-0,025	0,296
CHR9	2E+07	CHR9:19544222	SSF x Far_LoA	-9,90993738	0,047	0,312
CHR9	2E+07	CHR9:19544285	SSF x Far_LoA	-9,66344852	-0,030	0,302
CHR9	2E+07	CHR9:19544312	SSF x Far_LoA	-7,42828196	-0,059	0,313
CHR9	2E+07	CHR9:19551324	SSF x Far_LoA	-8,96195165	0,017	0,323
CHR9	2E+07	CHR9:19551383	SSF x Far_LoA	-9,95857066	0,037	0,301
CHR9	2E+07	CHR9:19551391	SSF x Far_LoA	-9,53318481	-0,009	0,309
CHR9	1955193	CHR9:1955193	SSF x Far_LoA	-8,61800742	0,009	0,317
CHR9	1955203	CHR9:1955203	SSF x Far_LoA	-10,5000527	0,100	0,297
CHR9	1955223	CHR9:1955223	SSF x Far_LoA	-11,2306589	0,022	0,317
CHR9	1955264	CHR9:1955264	SSF x Far_LoA	-12,2087074	0,064	0,305
CHR9	1955286	CHR9:1955286	SSF x Far_LoA	-10,7841252	0,044	0,308
CHR9	1955342	CHR9:1955342	SSF x Far_LoA	-9,71855381	0,007	0,319
CHR9	2E+07	CHR9:19554472	SSF x Far_LoA	-9,69062971	0,041	0,308
CHR9	2E+07	CHR9:19554593	SSF x Far_LoA	-5,38591456	0,170	0,294
CHR9	2E+07	CHR9:19558611	SSF x Far_LoA	-11,8744828	0,029	0,314
CHR9	2E+07	CHR9:19563873	SSF x Far_LoA	-9,17168741	0,015	0,320
CHR9	2E+07	CHR9:19563988	SSF x Far_LoA	-9,97505445	-0,062	0,310
CHR9	2E+07	CHR9:19563989	SSF x Far_LoA	-9,13478562	-0,001	0,323
CHR9	2E+07	CHR9:19563990	SSF x Far_LoA	-7,23062159	0,009	0,310
CHR9	2E+07	CHR9:19564206	SSF x Far_LoA	-9,40818578	-0,011	0,306
CHR9	2E+07	CHR9:19568193	SSF x Far_LoA	-8,64953542	0,078	0,312
CHR9	2E+07	CHR9:19568263	SSF x Far_LoA	-2,96306943	-0,167	0,313
CHR9	2E+07	CHR9:19574566	SSF x Far_LoA	-8,44831678	0,140	0,290
CHR9	2E+07	CHR9:19575615	SSF x Far_LoA	-9,12895692	-0,050	0,301
CHR9	2E+07	CHR9:19575627	SSF x Far_LoA	-3,43588551	0,064	0,308
CHR9	2E+07	CHR9:19580983	SSF x Far_LoA	-8,52434021	-0,079	0,309
CHR9	2E+07	CHR9:19580989	SSF x Far_LoA	-8,95155632	-0,090	0,309
CHR9	2E+07	CHR9:19580991	SSF x Far_LoA	-8,12166714	-0,071	0,323
CHR9	2E+07	CHR9:19581001	SSF x Far_LoA	-9,10359811	0,051	0,325
CHR9	2E+07	CHR9:19581004	SSF x Far_LoA	-10,8984216	0,080	0,301
CHR9	2E+07	CHR9:19581007	SSF x Far_LoA	-7,22330043	0,085	0,310
CHR9	2E+07	CHR9:19581008	SSF x Far_LoA	-10,1529596	0,107	0,301
CHR9	2E+07	CHR9:19581018	SSF x Far_LoA	-9,35901239	-0,031	0,310
CHR9	2E+07	CHR9:19592286	SSF x Far_LoA	-8,40969689	-0,088	0,301
CHR9	2E+07	CHR9:19592347	SSF x Far_LoA	-9,51442508	0,043	0,307
CHR9	1961173	CHR9:1961173	SSF x Far_LoA	-9,26167222	-0,011	0,302
CHR9	1961242	CHR9:1961242	SSF x Far_LoA	-8,14305427	-0,064	0,304
CHR9	1961297	CHR9:1961297	SSF x Far_LoA	-7,77936635	0,050	0,320
CHR9	1961306	CHR9:1961306	SSF x Far_LoA	-9,14165138	0,050	0,289
CHR9	1961414	CHR9:1961414	SSF x Far_LoA	-11,2944557	-0,079	0,303
CHR9	2E+07	CHR9:19616705	SSF x Far_LoA	-11,2241563	-0,090	0,309
CHR9	2E+07	CHR9:19616833	SSF x Far_LoA	-11,4443484	-0,023	0,304
CHR9	2E+07	CHR9:19617094	SSF x Far_LoA	-9,33172232	-0,057	0,304
CHR9	2E+07	CHR9:19620982	SSF x Far_LoA	-7,29067257	-0,133	0,303

CHR9	2E+07	CHR9:19621050	SSF x Far_LoA	-5,501619	0,187	0,305
CHR9	2E+07	CHR9:19621067	SSF x Far_LoA	-9,75928788	-0,057	0,297
CHR9	2E+07	CHR9:19621068	SSF x Far_LoA	-7,83553062	0,000	0,308
CHR9	2E+07	CHR9:19621093	SSF x Far_LoA	-9,59730663	0,030	0,314
CHR9	2E+07	CHR9:19621376	SSF x Far_LoA	-10,0997861	-0,059	0,321
CHR9	2E+07	CHR9:19621413	SSF x Far_LoA	-7,31843531	0,114	0,295
CHR9	2E+07	CHR9:19646780	SSF x Far_LoA	-8,63000618	-0,048	0,302
CHR9	2E+07	CHR9:19646792	SSF x Far_LoA	-8,90574786	-0,145	0,306
CHR9	2E+07	CHR9:19646810	SSF x Far_LoA	-2,08135994	-0,165	0,311
CHR9	2E+07	CHR9:19646861	SSF x Far_LoA	14,911042	-0,113	0,303
CHR9	2E+07	CHR9:19646923	SSF x Far_LoA	-10,3929527	0,136	0,300
CHR9	2E+07	CHR9:19646958	SSF x Far_LoA	-9,6550055	0,135	0,304
CHR9	2E+07	CHR9:19647019	SSF x Far_LoA	-7,83209516	0,151	0,298
CHR9	2E+07	CHR9:19650860	SSF x Far_LoA	-8,04806065	-0,140	0,295
CHR9	2E+07	CHR9:19650894	SSF x Far_LoA	-8,23748556	-0,082	0,306
CHR9	2E+07	CHR9:19650942	SSF x Far_LoA	-8,75178288	0,004	0,306
CHR9	2E+07	CHR9:19655896	SSF x Far_LoA	-11,8449762	0,025	0,313
CHR9	2E+07	CHR9:19655945	SSF x Far_LoA	-10,7675106	0,004	0,305
CHR9	2E+07	CHR9:19655988	SSF x Far_LoA	-8,22519005	0,027	0,311
CHR9	2E+07	CHR9:19655995	SSF x Far_LoA	-9,61139171	-0,078	0,296
CHR9	2E+07	CHR9:19656031	SSF x Far_LoA	-8,46813656	0,050	0,318
CHR9	2E+07	CHR9:19658162	SSF x Far_LoA	-8,18922825	0,111	0,311
CHR9	2E+07	CHR9:19659577	SSF x Far_LoA	-8,66407772	-0,132	0,308
CHR9	2E+07	CHR9:19659608	SSF x Far_LoA	-11,6021605	-0,021	0,299
CHR9	2E+07	CHR9:19659877	SSF x Far_LoA	-11,5628424	-0,004	0,303
CHR9	2E+07	CHR9:19659880	SSF x Far_LoA	-8,08801806	-0,013	0,314
CHR9	2E+07	CHR9:19659883	SSF x Far_LoA	-8,74872863	0,008	0,303
CHR9	1966310	CHR9:1966310	SSF x Far_LoA	-6,29870501	-0,027	0,301
CHR9	2E+07	CHR9:19671886	SSF x Far_LoA	-9,66816527	0,073	0,307
CHR9	2E+07	CHR9:19671888	SSF x Far_LoA	-10,4348036	0,043	0,304
CHR9	2E+07	CHR9:19671901	SSF x Far_LoA	-8,2929253	0,009	0,310
CHR9	2E+07	CHR9:19671923	SSF x Far_LoA	-11,324659	-0,052	0,303
CHR9	2E+07	CHR9:19671931	SSF x Far_LoA	-8,88968902	0,093	0,302
CHR9	2E+07	CHR9:19671953	SSF x Far_LoA	-10,6922334	-0,077	0,303
CHR9	2E+07	CHR9:19671977	SSF x Far_LoA	-6,99972272	0,030	0,312
CHR9	2E+07	CHR9:19675443	SSF x Far_LoA	-7,45584499	0,005	0,325
CHR9	2E+07	CHR9:19681121	SSF x Far_LoA	-9,53828301	-0,032	0,300
CHR9	2E+07	CHR9:19681137	SSF x Far_LoA	3,78873681	0,161	0,291
CHR9	2E+07	CHR9:19681144	SSF x Far_LoA	-8,25518384	-0,065	0,296
CHR9	2E+07	CHR9:19681227	SSF x Far_LoA	-10,1490305	0,079	0,300
CHR9	2E+07	CHR9:19684007	SSF x Far_LoA	-8,94357444	0,128	0,301
CHR9	2E+07	CHR9:19686063	SSF x Far_LoA	-9,08885245	0,127	0,295
CHR9	2E+07	CHR9:19686115	SSF x Far_LoA	-7,16803464	0,041	0,302
CHR9	2E+07	CHR9:19686141	SSF x Far_LoA	-11,6306517	-0,035	0,287
CHR9	2E+07	CHR9:19686161	SSF x Far_LoA	-9,40929027	0,085	0,303
CHR9	2E+07	CHR9:19686206	SSF x Far_LoA	-8,56958193	0,144	0,301
CHR9	2E+07	CHR9:19686217	SSF x Far_LoA	-6,15325162	0,156	0,301
CHR9	2E+07	CHR9:19686231	SSF x Far_LoA	-9,40931462	0,016	0,322
CHR9	2E+07	CHR9:19686243	SSF x Far_LoA	-8,04360933	0,156	0,302
CHR9	2E+07	CHR9:19686244	SSF x Far_LoA	-7,94199035	0,104	0,300
CHR9	2E+07	CHR9:19686246	SSF x Far_LoA	-3,09622684	0,063	0,314
CHR9	2E+07	CHR9:19686259	SSF x Far_LoA	-11,4904395	-0,104	0,314
CHR9	2E+07	CHR9:19686263	SSF x Far_LoA	-10,417412	-0,008	0,307

CHR9	2E+07	CHR9:19689754	SSF x Far_LoA	-8,56524954	-0,073	0,304
CHR9	2E+07	CHR9:19690597	SSF x Far_LoA	-6,46991505	-0,129	0,306
CHR9	2E+07	CHR9:19690612	SSF x Far_LoA	-9,80067616	0,023	0,309
CHR9	2E+07	CHR9:19703781	SSF x Far_LoA	-12,5036783	-0,034	0,299
CHR9	2E+07	CHR9:19703842	SSF x Far_LoA	-7,9308196	-0,062	0,312
CHR9	2E+07	CHR9:19704020	SSF x Far_LoA	-9,43173071	-0,031	0,311
CHR9	2E+07	CHR9:19707266	SSF x Far_LoA	-9,78105623	0,028	0,304
CHR9	2E+07	CHR9:19707271	SSF x Far_LoA	-9,22424579	0,020	0,307
CHR9	2E+07	CHR9:19707494	SSF x Far_LoA	-9,84221773	0,182	0,286
CHR9	2E+07	CHR9:19707530	SSF x Far_LoA	-6,78614796	0,189	0,299
CHR9	2E+07	CHR9:19707573	SSF x Far_LoA	-9,15828563	0,238	0,293
CHR9	2E+07	CHR9:19710886	SSF x Far_LoA	-10,8128252	-0,024	0,301
CHR9	2E+07	CHR9:19712943	SSF x Far_LoA	-10,9615913	-0,055	0,304
CHR9	2E+07	CHR9:19713014	SSF x Far_LoA	-8,02201121	0,023	0,293
CHR9	2E+07	CHR9:19713084	SSF x Far_LoA	-9,49668193	0,040	0,305
CHR9	2E+07	CHR9:19713112	SSF x Far_LoA	-9,77995181	-0,059	0,308
CHR9	2E+07	CHR9:19718130	SSF x Far_LoA	-9,24222646	-0,008	0,306
CHR9	2E+07	CHR9:19718180	SSF x Far_LoA	-8,9161296	0,113	0,306
CHR9	2E+07	CHR9:19718212	SSF x Far_LoA	-9,20087021	-0,036	0,299
CHR9	2E+07	CHR9:19718233	SSF x Far_LoA	-9,0289444	0,008	0,306
CHR9	2E+07	CHR9:19718286	SSF x Far_LoA	-8,10775297	-0,034	0,311
CHR9	2E+07	CHR9:19718304	SSF x Far_LoA	-9,40247522	0,014	0,306
CHR9	2E+07	CHR9:19718329	SSF x Far_LoA	-6,42926977	0,085	0,303
CHR9	2E+07	CHR9:19718345	SSF x Far_LoA	-10,3780695	-0,116	0,308
CHR9	2E+07	CHR9:19718377	SSF x Far_LoA	-11,4099823	0,082	0,300
CHR9	2E+07	CHR9:19727932	SSF x Far_LoA	-4,40062317	-0,061	0,304
CHR9	2E+07	CHR9:19727944	SSF x Far_LoA	-9,27758586	-0,075	0,320
CHR9	2E+07	CHR9:19733407	SSF x Far_LoA	-9,12770538	0,024	0,317
CHR9	2E+07	CHR9:19733552	SSF x Far_LoA	-8,92703141	0,002	0,306
CHR9	2E+07	CHR9:19739132	SSF x Far_LoA	-10,0011367	-0,049	0,309
CHR9	2E+07	CHR9:19739136	SSF x Far_LoA	-7,04834825	-0,022	0,319
CHR9	2E+07	CHR9:19745479	SSF x Far_LoA	-8,99664623	-0,088	0,309
CHR9	2E+07	CHR9:19745601	SSF x Far_LoA	-9,80682838	-0,079	0,315
CHR9	2E+07	CHR9:19746723	SSF x Far_LoA	-8,99253403	-0,036	0,291
CHR9	2E+07	CHR9:19746780	SSF x Far_LoA	-12,0373539	-0,036	0,293
CHR9	2E+07	CHR9:19756913	SSF x Far_LoA	-7,17860719	0,163	0,302
CHR9	2E+07	CHR9:19756915	SSF x Far_LoA	-8,24864464	0,077	0,305
CHR9	2E+07	CHR9:19756921	SSF x Far_LoA	-8,84240634	0,039	0,318
CHR9	2E+07	CHR9:19756924	SSF x Far_LoA	-9,25710052	0,036	0,326
CHR9	2E+07	CHR9:19756952	SSF x Far_LoA	-8,6771452	0,108	0,303
CHR9	2E+07	CHR9:19757009	SSF x Far_LoA	-7,21650537	0,051	0,306
CHR9	2E+07	CHR9:19757032	SSF x Far_LoA	-8,49414725	-0,070	0,315
CHR9	2E+07	CHR9:19757069	SSF x Far_LoA	-11,8615263	0,079	0,299
CHR9	2E+07	CHR9:19757077	SSF x Far_LoA	-7,28657155	-0,119	0,307
CHR9	2E+07	CHR9:19757119	SSF x Far_LoA	-9,74847799	-0,021	0,307
CHR9	2E+07	CHR9:19757123	SSF x Far_LoA	-8,27074527	0,021	0,310
CHR9	2E+07	CHR9:19757160	SSF x Far_LoA	-9,50708661	-0,102	0,310
CHR9	2E+07	CHR9:19764004	SSF x Far_LoA	-10,1931886	0,074	0,303
CHR9	2E+07	CHR9:19764020	SSF x Far_LoA	-9,93756136	0,038	0,301
CHR9	2E+07	CHR9:19764044	SSF x Far_LoA	-11,2466601	0,006	0,306
CHR9	2E+07	CHR9:19769664	SSF x Far_LoA	4,41713459	0,053	0,307
CHR9	2E+07	CHR9:19770050	SSF x Far_LoA	-7,66994446	0,017	0,312
CHR9	2E+07	CHR9:19778249	SSF x Far_LoA	-10,5881442	-0,047	0,305

CHR9	2E+07	CHR9:19778257	SSF x Far_LoA	-7,59487564	0,012	0,319
CHR9	2E+07	CHR9:19778259	SSF x Far_LoA	-8,18478747	0,017	0,328
CHR9	2E+07	CHR9:19778285	SSF x Far_LoA	-8,21906045	-0,065	0,308
CHR9	2E+07	CHR9:19778347	SSF x Far_LoA	-7,83554508	0,102	0,315
CHR9	2E+07	CHR9:19778354	SSF x Far_LoA	-8,44620526	0,075	0,296
CHR9	2E+07	CHR9:19778370	SSF x Far_LoA	-9,60719076	0,034	0,294
CHR9	2E+07	CHR9:19780425	SSF x Far_LoA	-10,1322487	-0,020	0,307
CHR9	2E+07	CHR9:19780451	SSF x Far_LoA	-10,3687429	0,006	0,308
CHR9	2E+07	CHR9:19780466	SSF x Far_LoA	-7,66905895	-0,087	0,308
CHR9	2E+07	CHR9:19780490	SSF x Far_LoA	-5,21822174	0,124	0,328
CHR9	2E+07	CHR9:19780493	SSF x Far_LoA	-10,93989	-0,059	0,313
CHR9	2E+07	CHR9:19780528	SSF x Far_LoA	-9,24529699	0,099	0,285
CHR9	2E+07	CHR9:19780537	SSF x Far_LoA	-12,0027205	0,024	0,308
CHR9	2E+07	CHR9:19780590	SSF x Far_LoA	-8,39974374	0,060	0,302
CHR9	1978446	CHR9:1978446	SSF x Far_LoA	-2,11536785	-0,020	0,312
CHR9	1978699	CHR9:1978699	SSF x Far_LoA	-9,12871719	-0,011	0,311
CHR9	2E+07	CHR9:19798021	SSF x Far_LoA	-11,4189222	-0,036	0,311
CHR9	2E+07	CHR9:19826241	SSF x Far_LoA	-9,574786	0,044	0,305
CHR9	2E+07	CHR9:19843108	SSF x Far_LoA	-10,2262194	0,021	0,314
CHR9	2E+07	CHR9:19843122	SSF x Far_LoA	-6,35953897	-0,116	0,305
CHR9	2E+07	CHR9:19848322	SSF x Far_LoA	-8,98036041	0,089	0,303
CHR9	2E+07	CHR9:19848342	SSF x Far_LoA	-0,97774339	-0,198	0,311
CHR9	2E+07	CHR9:19848971	SSF x Far_LoA	-9,58699622	0,054	0,307
CHR9	2E+07	CHR9:19848983	SSF x Far_LoA	-11,0466314	0,098	0,319
CHR9	2E+07	CHR9:19848997	SSF x Far_LoA	-9,16606828	-0,053	0,297
CHR9	2E+07	CHR9:19849039	SSF x Far_LoA	-10,4660616	-0,052	0,309
CHR9	2E+07	CHR9:19853811	SSF x Far_LoA	-9,73736277	0,013	0,305
CHR9	2E+07	CHR9:19858583	SSF x Far_LoA	-10,9946228	0,123	0,304
CHR9	2E+07	CHR9:19858770	SSF x Far_LoA	-9,35074391	0,027	0,313
CHR9	1987761	CHR9:1987761	SSF x Far_LoA	-10,5541997	0,059	0,312
CHR9	1987781	CHR9:1987781	SSF x Far_LoA	-9,98580126	0,045	0,305
CHR9	1987786	CHR9:1987786	SSF x Far_LoA	-11,1255867	0,068	0,297
CHR9	1987812	CHR9:1987812	SSF x Far_LoA	-7,51308894	0,002	0,315
CHR9	1987819	CHR9:1987819	SSF x Far_LoA	-9,20087717	0,090	0,308
CHR9	1987822	CHR9:1987822	SSF x Far_LoA	-6,76707415	-0,107	0,307
CHR9	1987893	CHR9:1987893	SSF x Far_LoA	-10,4587231	0,075	0,300
CHR9	1987895	CHR9:1987895	SSF x Far_LoA	-8,5740082	-0,025	0,306
CHR9	1988018	CHR9:1988018	SSF x Far_LoA	-8,02312963	0,047	0,309
CHR9	2E+07	CHR9:19885678	SSF x Far_LoA	-7,82319425	-0,089	0,292
CHR9	2E+07	CHR9:19885687	SSF x Far_LoA	-9,13879141	-0,083	0,297
CHR9	2E+07	CHR9:19885704	SSF x Far_LoA	-7,45211495	-0,080	0,298
CHR9	2E+07	CHR9:19885729	SSF x Far_LoA	-7,92219386	-0,113	0,288
CHR9	2E+07	CHR9:19885741	SSF x Far_LoA	-10,5311345	0,131	0,305
CHR9	2E+07	CHR9:19889088	SSF x Far_LoA	-11,3060205	0,065	0,325
CHR9	2E+07	CHR9:19893132	SSF x Far_LoA	-9,12206065	0,049	0,305
CHR9	2E+07	CHR9:19899613	SSF x Far_LoA	-11,7517937	-0,042	0,297
CHR9	2E+07	CHR9:19899634	SSF x Far_LoA	-10,7667445	-0,058	0,305
CHR9	2E+07	CHR9:19899642	SSF x Far_LoA	-10,2711088	0,004	0,309
CHR9	2E+07	CHR9:19905210	SSF x Far_LoA	-9,88405197	0,091	0,301
CHR9	2E+07	CHR9:19905284	SSF x Far_LoA	-8,95697647	0,048	0,297
CHR9	2E+07	CHR9:19905290	SSF x Far_LoA	-8,79482081	0,090	0,289
CHR9	2E+07	CHR9:19906061	SSF x Far_LoA	-10,5438694	-0,031	0,308
CHR9	2E+07	CHR9:19917229	SSF x Far_LoA	-10,3917381	-0,051	0,306

CHR9	2E+07	CHR9:19930437	SSF x Far_LoA	-10,9732612	0,033	0,312
CHR9	1993127	CHR9:1993127	SSF x Far_LoA	-10,4235435	-0,028	0,310
CHR9	1993134	CHR9:1993134	SSF x Far_LoA	-10,9426944	0,043	0,295
CHR9	1993145	CHR9:1993145	SSF x Far_LoA	-4,34948143	0,044	0,302
CHR9	1993193	CHR9:1993193	SSF x Far_LoA	-9,43149771	0,135	0,301
CHR9	1993223	CHR9:1993223	SSF x Far_LoA	-9,03061551	-0,104	0,295
CHR9	2E+07	CHR9:19934686	SSF x Far_LoA	-10,295103	-0,093	0,303
CHR9	2E+07	CHR9:19938469	SSF x Far_LoA	-9,20238117	0,015	0,299
CHR9	2E+07	CHR9:19938471	SSF x Far_LoA	-7,50087866	0,075	0,291
CHR9	2E+07	CHR9:19940124	SSF x Far_LoA	-10,1784116	0,059	0,303
CHR9	2E+07	CHR9:19940231	SSF x Far_LoA	-10,8350656	0,024	0,310
CHR9	2E+07	CHR9:19940233	SSF x Far_LoA	-7,89968493	0,093	0,299
CHR9	2E+07	CHR9:19940244	SSF x Far_LoA	-11,2737428	0,040	0,311
CHR9	2E+07	CHR9:19946686	SSF x Far_LoA	-9,20445627	0,107	0,302
CHR9	2E+07	CHR9:19946689	SSF x Far_LoA	-8,74615843	0,030	0,307
CHR9	2E+07	CHR9:19946712	SSF x Far_LoA	-10,0225215	0,106	0,301
CHR9	2E+07	CHR9:19946771	SSF x Far_LoA	-10,7796299	0,048	0,302
CHR9	2E+07	CHR9:19946816	SSF x Far_LoA	-10,4573058	0,027	0,294
CHR9	2E+07	CHR9:19946828	SSF x Far_LoA	-9,97996401	0,045	0,293
CHR9	2E+07	CHR9:19946842	SSF x Far_LoA	-11,4446797	0,063	0,298
CHR9	2E+07	CHR9:19949435	SSF x Far_LoA	-11,375521	0,005	0,305
CHR9	2E+07	CHR9:19949440	SSF x Far_LoA	-8,85269365	0,039	0,313
CHR9	2E+07	CHR9:19949442	SSF x Far_LoA	-8,53021071	0,032	0,299
CHR9	2E+07	CHR9:19949461	SSF x Far_LoA	-10,0511436	0,048	0,296
CHR9	2E+07	CHR9:19949473	SSF x Far_LoA	-9,20331632	0,041	0,309
CHR9	2E+07	CHR9:19949500	SSF x Far_LoA	-5,1267789	-0,096	0,305
CHR9	2E+07	CHR9:19949504	SSF x Far_LoA	-9,86648499	-0,092	0,305
CHR9	2E+07	CHR9:19953881	SSF x Far_LoA	-10,727627	0,002	0,302
CHR9	2E+07	CHR9:19956670	SSF x Far_LoA	-9,65904743	0,076	0,308
CHR9	2E+07	CHR9:19956678	SSF x Far_LoA	0,66548623	0,124	0,297
CHR9	2E+07	CHR9:19956723	SSF x Far_LoA	-8,04199311	0,129	0,315
CHR9	2E+07	CHR9:19964904	SSF x Far_LoA	-10,2216528	-0,058	0,300
CHR9	2E+07	CHR9:19970310	SSF x Far_LoA	-2,17969173	0,142	0,315
CHR9	2E+07	CHR9:19970320	SSF x Far_LoA	-8,58292737	-0,032	0,295
CHR9	2E+07	CHR9:19970330	SSF x Far_LoA	-9,5240253	-0,114	0,300
CHR9	2E+07	CHR9:19970524	SSF x Far_LoA	-9,53959938	0,087	0,292
CHR9	1997501	CHR9:1997501	SSF x Far_LoA	-9,58323017	-0,041	0,323
CHR9	1997533	CHR9:1997533	SSF x Far_LoA	-11,0909717	0,028	0,301
CHR9	1997631	CHR9:1997631	SSF x Far_LoA	-11,7176231	-0,018	0,304
CHR9	2E+07	CHR9:19978041	SSF x Far_LoA	-7,46143555	-0,114	0,317
CHR9	2E+07	CHR9:19978365	SSF x Far_LoA	-4,29998508	-0,129	0,303
CHR9	2E+07	CHR9:19978368	SSF x Far_LoA	-11,2059912	0,049	0,305
CHR9	2E+07	CHR9:19978383	SSF x Far_LoA	-9,6620169	0,042	0,312
CHR9	2E+07	CHR9:19978396	SSF x Far_LoA	-10,3954734	0,018	0,315
CHR9	2E+07	CHR9:19978416	SSF x Far_LoA	-6,46025633	-0,112	0,301
CHR9	2E+07	CHR9:19996934	SSF x Far_LoA	-12,0470191	-0,030	0,299
CHR9	2E+07	CHR9:19996977	SSF x Far_LoA	-9,71500871	-0,111	0,309
CHR9	2E+07	CHR9:19996997	SSF x Far_LoA	-4,56091481	-0,129	0,301
CHR9	2E+07	CHR9:19997074	SSF x Far_LoA	-11,0485373	-0,103	0,298
CHR9	2E+07	CHR9:19997187	SSF x Far_LoA	-11,9915653	-0,033	0,303
CHR9	2E+07	CHR9:19997204	SSF x Far_LoA	-7,04183023	-0,089	0,295
CHR9	2E+07	CHR9:19997223	SSF x Far_LoA	-11,1412603	-0,046	0,313
CHR9	2E+07	CHR9:20001682	SSF x Far_LoA	-6,08191159	-0,085	0,312

CHR9	2E+07	CHR9:20001822	SSF x Far_LoA	-9,73266814	-0,073	0,310
CHR9	2E+07	CHR9:20001927	SSF x Far_LoA	-9,37733099	-0,012	0,305
CHR9	2E+07	CHR9:20002913	SSF x Far_LoA	-7,64828935	0,082	0,310
CHR9	2E+07	CHR9:20002929	SSF x Far_LoA	-8,32497561	-0,051	0,327
CHR9	2E+07	CHR9:20003025	SSF x Far_LoA	-9,53126862	0,061	0,290
CHR9	2E+07	CHR9:20015591	SSF x Far_LoA	-9,26071999	0,027	0,319
CHR9	2E+07	CHR9:20015637	SSF x Far_LoA	-9,03082922	-0,040	0,318
CHR9	2E+07	CHR9:20015652	SSF x Far_LoA	-9,58855203	-0,045	0,305
CHR9	2E+07	CHR9:20015668	SSF x Far_LoA	-9,10430016	-0,028	0,306
CHR9	2E+07	CHR9:20015746	SSF x Far_LoA	-11,0778149	-0,065	0,310
CHR9	2E+07	CHR9:20015748	SSF x Far_LoA	-10,3176711	-0,047	0,312
CHR9	2E+07	CHR9:20015801	SSF x Far_LoA	-9,176747	-0,131	0,307
CHR9	2E+07	CHR9:20018641	SSF x Far_LoA	-11,6714403	0,069	0,304
CHR9	2E+07	CHR9:20018650	SSF x Far_LoA	-10,5143785	0,001	0,309
CHR9	2E+07	CHR9:20018666	SSF x Far_LoA	-9,70235898	0,071	0,292
CHR9	2002137	CHR9:2002137	SSF x Far_LoA	-8,93445226	0,082	0,295
CHR9	2002420	CHR9:2002420	SSF x Far_LoA	-9,72193312	0,091	0,303
CHR9	2002449	CHR9:2002449	SSF x Far_LoA	-1,99872071	-0,039	0,293
CHR9	2E+07	CHR9:20028516	SSF x Far_LoA	-9,42628171	0,017	0,310
CHR9	2E+07	CHR9:20028692	SSF x Far_LoA	-8,45593586	-0,060	0,310
CHR9	2003832	CHR9:2003832	SSF x Far_LoA	-10,3213495	-0,011	0,315
CHR9	2003889	CHR9:2003889	SSF x Far_LoA	-10,1162155	0,026	0,324
CHR9	2003920	CHR9:2003920	SSF x Far_LoA	-7,48793518	-0,178	0,302
CHR9	2003956	CHR9:2003956	SSF x Far_LoA	-8,70038063	0,082	0,319
CHR9	2E+07	CHR9:20041620	SSF x Far_LoA	-9,06789077	0,083	0,296
CHR9	2E+07	CHR9:20041711	SSF x Far_LoA	-11,7812731	0,040	0,309
CHR9	2E+07	CHR9:20041718	SSF x Far_LoA	-10,6305632	-0,034	0,311
CHR9	2E+07	CHR9:20045436	SSF x Far_LoA	-9,43026253	0,050	0,318
CHR9	2E+07	CHR9:20045525	SSF x Far_LoA	-5,40202626	-0,152	0,308
CHR9	2E+07	CHR9:20045560	SSF x Far_LoA	-9,17038164	0,114	0,307
CHR9	2E+07	CHR9:20051320	SSF x Far_LoA	-9,38596435	-0,006	0,315
CHR9	2E+07	CHR9:20051487	SSF x Far_LoA	-9,76873992	0,077	0,305
CHR9	2E+07	CHR9:20051627	SSF x Far_LoA	-7,89459396	-0,097	0,313
CHR9	2E+07	CHR9:20058503	SSF x Far_LoA	-9,85969764	0,113	0,305
CHR9	2E+07	CHR9:20058506	SSF x Far_LoA	-5,85782131	0,100	0,307
CHR9	2E+07	CHR9:20058562	SSF x Far_LoA	-9,71687389	0,032	0,298
CHR9	2E+07	CHR9:20072027	SSF x Far_LoA	-7,06189378	0,035	0,304
CHR9	2E+07	CHR9:20072072	SSF x Far_LoA	-10,6718972	0,034	0,303
CHR9	2E+07	CHR9:20072192	SSF x Far_LoA	-8,23543574	-0,096	0,301
CHR9	2E+07	CHR9:20072205	SSF x Far_LoA	-8,64094589	0,088	0,314
CHR9	2E+07	CHR9:20072216	SSF x Far_LoA	-10,9623625	-0,050	0,311
CHR9	2E+07	CHR9:20077799	SSF x Far_LoA	-10,7904745	-0,009	0,286
CHR9	2E+07	CHR9:20077800	SSF x Far_LoA	-10,2841088	-0,041	0,322
CHR9	2E+07	CHR9:20077817	SSF x Far_LoA	-11,3967789	0,079	0,300
CHR9	2E+07	CHR9:20077821	SSF x Far_LoA	-10,7121708	-0,005	0,307
CHR9	2E+07	CHR9:20077864	SSF x Far_LoA	-10,3766114	0,006	0,294
CHR9	2E+07	CHR9:20078021	SSF x Far_LoA	-9,63393504	-0,015	0,306
CHR9	2008188	CHR9:2008188	SSF x Far_LoA	-8,86749545	0,142	0,289
CHR9	2008233	CHR9:2008233	SSF x Far_LoA	-8,89651183	0,063	0,310
CHR9	2008283	CHR9:2008283	SSF x Far_LoA	-8,148131	0,006	0,312
CHR9	2008389	CHR9:2008389	SSF x Far_LoA	-10,7632152	-0,078	0,317
CHR9	2008390	CHR9:2008390	SSF x Far_LoA	-9,58507832	-0,117	0,309
CHR9	2008393	CHR9:2008393	SSF x Far_LoA	-7,18906939	-0,018	0,314

CHR9	2008422	CHR9:2008422	SSF x Far_LoA	-10,8737186	0,071	0,292
CHR9	2008423	CHR9:2008423	SSF x Far_LoA	-7,25307912	0,109	0,308
CHR9	2E+07	CHR9:20086929	SSF x Far_LoA	-10,3933905	-0,096	0,311
CHR9	2010017	CHR9:2010017	SSF x Far_LoA	-9,84617812	0,137	0,297
CHR9	2E+07	CHR9:20107070	SSF x Far_LoA	-9,97820744	-0,015	0,319
CHR9	2E+07	CHR9:20107076	SSF x Far_LoA	-8,71586508	0,150	0,300
CHR9	2E+07	CHR9:20107140	SSF x Far_LoA	-12,1761121	-0,008	0,302
CHR9	2E+07	CHR9:20107179	SSF x Far_LoA	-10,3443089	-0,020	0,315
CHR9	2E+07	CHR9:20107184	SSF x Far_LoA	-3,52071163	-0,023	0,316
CHR9	2E+07	CHR9:20107285	SSF x Far_LoA	-10,0464336	0,029	0,318
CHR9	2E+07	CHR9:20109761	SSF x Far_LoA	-7,26265566	0,016	0,315
CHR9	2E+07	CHR9:20109790	SSF x Far_LoA	-8,9968241	-0,065	0,302
CHR9	2E+07	CHR9:20109796	SSF x Far_LoA	-10,4376658	0,098	0,312
CHR9	2E+07	CHR9:20109852	SSF x Far_LoA	-9,72919204	-0,080	0,306
CHR9	2E+07	CHR9:20110705	SSF x Far_LoA	-7,28354853	-0,076	0,308
CHR9	2E+07	CHR9:20110739	SSF x Far_LoA	-11,1574495	-0,040	0,299
CHR9	2E+07	CHR9:20110815	SSF x Far_LoA	-1,62584679	-0,107	0,307
CHR9	2E+07	CHR9:20110819	SSF x Far_LoA	-10,353279	-0,105	0,301
CHR9	2E+07	CHR9:20110842	SSF x Far_LoA	-8,92216454	-0,009	0,312
CHR9	2E+07	CHR9:20110848	SSF x Far_LoA	-8,30833311	-0,055	0,295
CHR9	2E+07	CHR9:20110857	SSF x Far_LoA	-10,3716208	-0,111	0,308
CHR9	2E+07	CHR9:20118415	SSF x Far_LoA	-8,60986978	0,073	0,308
CHR9	2E+07	CHR9:20118458	SSF x Far_LoA	-11,2430039	0,030	0,317
CHR9	2E+07	CHR9:20120385	SSF x Far_LoA	-8,77889992	-0,024	0,299
CHR9	2E+07	CHR9:20120418	SSF x Far_LoA	-10,0774609	0,042	0,300
CHR9	2E+07	CHR9:20120457	SSF x Far_LoA	-12,557118	-0,045	0,302
CHR9	2E+07	CHR9:20124189	SSF x Far_LoA	-9,59275927	-0,052	0,302
CHR9	2E+07	CHR9:20124247	SSF x Far_LoA	-10,1077982	0,015	0,306
CHR9	2E+07	CHR9:20130714	SSF x Far_LoA	-3,78301053	-0,161	0,302
CHR9	2E+07	CHR9:20149385	SSF x Far_LoA	-7,72404224	0,124	0,293
CHR9	2E+07	CHR9:20149392	SSF x Far_LoA	-9,22439406	-0,058	0,300
CHR9	2E+07	CHR9:20149474	SSF x Far_LoA	-8,44941888	-0,028	0,312
CHR9	2E+07	CHR9:20149498	SSF x Far_LoA	-8,56137794	0,096	0,296
CHR9	2E+07	CHR9:20149528	SSF x Far_LoA	-10,220748	-0,030	0,305
CHR9	2E+07	CHR9:20149557	SSF x Far_LoA	-11,6593592	0,028	0,325
CHR9	2E+07	CHR9:20158909	SSF x Far_LoA	-9,64144185	0,062	0,321
CHR9	2E+07	CHR9:20159008	SSF x Far_LoA	-9,71638381	-0,036	0,307
CHR9	2E+07	CHR9:20159015	SSF x Far_LoA	-9,22555749	-0,018	0,313
CHR9	2E+07	CHR9:20159031	SSF x Far_LoA	-11,0039802	0,076	0,295
CHR9	2E+07	CHR9:20159109	SSF x Far_LoA	-7,32586668	-0,101	0,310
CHR9	2E+07	CHR9:20159130	SSF x Far_LoA	-9,54931852	0,031	0,300
CHR9	2E+07	CHR9:20159131	SSF x Far_LoA	-7,64239726	-0,124	0,310
CHR9	2E+07	CHR9:20159146	SSF x Far_LoA	-9,03131642	-0,113	0,315
CHR9	2E+07	CHR9:20159149	SSF x Far_LoA	-9,53663405	-0,123	0,308
CHR9	2E+07	CHR9:20159237	SSF x Far_LoA	-9,54187379	0,003	0,309
CHR9	2E+07	CHR9:20159403	SSF x Far_LoA	-9,34507073	-0,063	0,300
CHR9	2E+07	CHR9:20159437	SSF x Far_LoA	-5,26603378	0,152	0,301
CHR9	2E+07	CHR9:20159504	SSF x Far_LoA	-10,3618031	-0,060	0,317
CHR9	2016233	CHR9:2016233	SSF x Far_LoA	-12,0182565	0,027	0,316
CHR9	2E+07	CHR9:20165894	SSF x Far_LoA	-8,21394932	-0,017	0,301
CHR9	2E+07	CHR9:20165934	SSF x Far_LoA	-8,58455555	-0,031	0,330
CHR9	2E+07	CHR9:20165960	SSF x Far_LoA	-10,4734645	-0,022	0,317
CHR9	2E+07	CHR9:20166112	SSF x Far_LoA	-9,6260306	-0,032	0,293

CHR9	2E+07	CHR9:20166133	SSF x Far_LoA	-8,01416446	0,122	0,297
CHR9	2E+07	CHR9:20166203	SSF x Far_LoA	-8,93200078	0,082	0,303
CHR9	2E+07	CHR9:20166206	SSF x Far_LoA	-8,28861569	-0,076	0,313
CHR9	2E+07	CHR9:20180600	SSF x Far_LoA	-8,83671034	0,123	0,310
CHR9	2E+07	CHR9:20180616	SSF x Far_LoA	-10,7674995	0,019	0,311
CHR9	2E+07	CHR9:20180618	SSF x Far_LoA	-7,05255882	0,026	0,316
CHR9	2E+07	CHR9:20180630	SSF x Far_LoA	-10,3672097	0,044	0,304
CHR9	2E+07	CHR9:20180636	SSF x Far_LoA	-9,82519667	0,042	0,322
CHR9	2E+07	CHR9:20180652	SSF x Far_LoA	-9,10055937	-0,119	0,311
CHR9	2E+07	CHR9:20180672	SSF x Far_LoA	-8,31734323	-0,008	0,307
CHR9	2E+07	CHR9:20180978	SSF x Far_LoA	-8,32873236	0,024	0,298
CHR9	2E+07	CHR9:20180979	SSF x Far_LoA	-10,542917	0,025	0,305
CHR9	2E+07	CHR9:20180988	SSF x Far_LoA	-5,75827086	-0,173	0,291
CHR9	2E+07	CHR9:20180996	SSF x Far_LoA	-7,04847884	-0,189	0,293
CHR9	2E+07	CHR9:20181003	SSF x Far_LoA	-1,11432876	-0,160	0,313
CHR9	2E+07	CHR9:20181011	SSF x Far_LoA	-7,79393682	-0,124	0,301
CHR9	2E+07	CHR9:20181034	SSF x Far_LoA	-8,90381204	0,081	0,304
CHR9	2E+07	CHR9:20184580	SSF x Far_LoA	-9,58884148	0,061	0,314
CHR9	2E+07	CHR9:20184689	SSF x Far_LoA	-10,4636545	0,014	0,299
CHR9	2E+07	CHR9:20185155	SSF x Far_LoA	-8,74948587	0,045	0,312
CHR9	2E+07	CHR9:20185177	SSF x Far_LoA	-10,0865761	-0,008	0,291
CHR9	2E+07	CHR9:20188614	SSF x Far_LoA	-8,30099988	-0,059	0,299
CHR9	2E+07	CHR9:20188695	SSF x Far_LoA	-8,68287851	0,009	0,308
CHR9	2019205	CHR9:2019205	SSF x Far_LoA	-11,137037	0,063	0,308
CHR9	2E+07	CHR9:20194121	SSF x Far_LoA	-11,497951	-0,084	0,303
CHR9	2E+07	CHR9:20194173	SSF x Far_LoA	-7,71546497	0,120	0,299
CHR9	2E+07	CHR9:20194188	SSF x Far_LoA	-10,2987847	-0,117	0,308
CHR9	2E+07	CHR9:20194190	SSF x Far_LoA	-8,15529136	-0,067	0,303
CHR9	2E+07	CHR9:20194217	SSF x Far_LoA	-10,5093052	0,048	0,309
CHR9	2E+07	CHR9:20194249	SSF x Far_LoA	-7,87471453	0,055	0,305
CHR9	2E+07	CHR9:20194284	SSF x Far_LoA	-10,5341721	0,085	0,293
CHR9	2E+07	CHR9:20198891	SSF x Far_LoA	-7,50358243	0,011	0,304
CHR9	2E+07	CHR9:20198899	SSF x Far_LoA	-11,497174	0,040	0,302
CHR9	2E+07	CHR9:20212111	SSF x Far_LoA	12,8113848	0,020	0,281
CHR9	2E+07	CHR9:20212113	SSF x Far_LoA	-11,9278174	-0,086	0,301
CHR9	2E+07	CHR9:20212115	SSF x Far_LoA	-10,4013074	-0,088	0,302
CHR9	2E+07	CHR9:20212116	SSF x Far_LoA	-11,3719143	0,031	0,307
CHR9	2E+07	CHR9:20212135	SSF x Far_LoA	-9,03068518	-0,010	0,283
CHR9	2E+07	CHR9:20212267	SSF x Far_LoA	-11,038822	0,030	0,309
CHR9	2E+07	CHR9:20212328	SSF x Far_LoA	-11,5948478	-0,025	0,306
CHR9	2E+07	CHR9:20212345	SSF x Far_LoA	-8,05785478	0,092	0,289
CHR9	2E+07	CHR9:20212352	SSF x Far_LoA	-0,70104362	-0,202	0,291
CHR9	2E+07	CHR9:20212366	SSF x Far_LoA	-10,384907	-0,070	0,302
CHR9	2021505	CHR9:2021505	SSF x Far_LoA	-8,97321939	-0,067	0,309
CHR9	2021509	CHR9:2021509	SSF x Far_LoA	-10,6635546	-0,001	0,311
CHR9	2021547	CHR9:2021547	SSF x Far_LoA	-6,85515641	-0,167	0,297
CHR9	2021595	CHR9:2021595	SSF x Far_LoA	-9,6369358	-0,039	0,311
CHR9	2021597	CHR9:2021597	SSF x Far_LoA	-8,40758421	0,047	0,311
CHR9	2E+07	CHR9:20222832	SSF x Far_LoA	-10,797855	-0,078	0,302
CHR9	2E+07	CHR9:20222900	SSF x Far_LoA	-9,66558569	0,125	0,309
CHR9	2E+07	CHR9:20223024	SSF x Far_LoA	-11,9507131	-0,032	0,298
CHR9	2E+07	CHR9:20235230	SSF x Far_LoA	-8,82375985	-0,071	0,314
CHR9	2E+07	CHR9:20238191	SSF x Far_LoA	-11,1930211	-0,012	0,310

CHR9	2E+07	CHR9:20238197	SSF x Far_LoA	-8,76910679	0,040	0,312
CHR9	2E+07	CHR9:20238198	SSF x Far_LoA	-7,90344485	0,030	0,312
CHR9	2E+07	CHR9:20238234	SSF x Far_LoA	-5,10127564	-0,090	0,312
CHR9	2E+07	CHR9:20238243	SSF x Far_LoA	-8,60410947	-0,067	0,310
CHR9	2E+07	CHR9:20238278	SSF x Far_LoA	-11,4575569	-0,006	0,312
CHR9	2E+07	CHR9:20238312	SSF x Far_LoA	-8,55433488	0,094	0,308
CHR9	2E+07	CHR9:20240412	SSF x Far_LoA	-10,155602	-0,055	0,315
CHR9	2E+07	CHR9:20241799	SSF x Far_LoA	-6,11551025	0,127	0,295
CHR9	2E+07	CHR9:20241806	SSF x Far_LoA	-7,24903404	0,113	0,319
CHR9	2E+07	CHR9:20241839	SSF x Far_LoA	-8,86904529	0,075	0,310
CHR9	2E+07	CHR9:20241914	SSF x Far_LoA	-8,93273449	0,031	0,304
CHR9	2E+07	CHR9:20247482	SSF x Far_LoA	-9,25248568	0,075	0,311
CHR9	2E+07	CHR9:20247491	SSF x Far_LoA	-10,0616483	-0,013	0,307
CHR9	2E+07	CHR9:20247513	SSF x Far_LoA	-11,1653674	-0,019	0,294
CHR9	2E+07	CHR9:20247553	SSF x Far_LoA	-11,2107933	-0,029	0,294
CHR9	2024976	CHR9:2024976	SSF x Far_LoA	-12,0455539	-0,051	0,288
CHR9	2025021	CHR9:2025021	SSF x Far_LoA	-9,08369021	-0,001	0,307
CHR9	2E+07	CHR9:20255002	SSF x Far_LoA	-9,03862012	-0,014	0,310
CHR9	2E+07	CHR9:20255194	SSF x Far_LoA	-8,9222516	-0,051	0,295
CHR9	2E+07	CHR9:20265363	SSF x Far_LoA	-10,5147567	-0,065	0,303
CHR9	2E+07	CHR9:20269232	SSF x Far_LoA	-9,35941272	-0,010	0,319
CHR9	2E+07	CHR9:20270159	SSF x Far_LoA	-8,02522101	-0,115	0,330
CHR9	2E+07	CHR9:20270307	SSF x Far_LoA	-10,4803559	-0,008	0,296
CHR9	2E+07	CHR9:20276262	SSF x Far_LoA	-5,29006299	0,197	0,306
CHR9	2E+07	CHR9:20276283	SSF x Far_LoA	-6,57356305	-0,153	0,304
CHR9	2E+07	CHR9:20282437	SSF x Far_LoA	-8,34818309	-0,106	0,294
CHR9	2E+07	CHR9:20287762	SSF x Far_LoA	-8,65218877	-0,100	0,301
CHR9	2E+07	CHR9:20287849	SSF x Far_LoA	-8,97063318	-0,074	0,307
CHR9	2E+07	CHR9:20294226	SSF x Far_LoA	-9,38657462	-0,063	0,311
CHR9	2E+07	CHR9:20294327	SSF x Far_LoA	-7,65938028	0,113	0,299
CHR9	2E+07	CHR9:20294339	SSF x Far_LoA	-6,15158592	-0,131	0,304
CHR9	2E+07	CHR9:20295854	SSF x Far_LoA	-7,50039696	-0,091	0,318
CHR9	2E+07	CHR9:20295933	SSF x Far_LoA	-9,3846001	-0,026	0,320
CHR9	2E+07	CHR9:20302576	SSF x Far_LoA	-9,74495504	-0,159	0,304
CHR9	2E+07	CHR9:20302638	SSF x Far_LoA	-6,75400884	-0,153	0,316
CHR9	2E+07	CHR9:20302642	SSF x Far_LoA	1,44005598	-0,156	0,304
CHR9	2E+07	CHR9:20302697	SSF x Far_LoA	-7,78481017	-0,094	0,309
CHR9	2030704	CHR9:2030704	SSF x Far_LoA	-11,5891102	-0,027	0,313
CHR9	2030720	CHR9:2030720	SSF x Far_LoA	-10,6649681	-0,018	0,310
CHR9	2E+07	CHR9:20307992	SSF x Far_LoA	-10,2149886	-0,004	0,310
CHR9	2E+07	CHR9:20308000	SSF x Far_LoA	-10,1188421	0,018	0,290
CHR9	2E+07	CHR9:20308010	SSF x Far_LoA	-8,13395187	-0,118	0,313
CHR9	2E+07	CHR9:20308043	SSF x Far_LoA	-8,34352346	-0,107	0,311
CHR9	2E+07	CHR9:20308048	SSF x Far_LoA	-11,6792397	-0,026	0,303
CHR9	2E+07	CHR9:20308063	SSF x Far_LoA	-8,53503041	-0,109	0,309
CHR9	2E+07	CHR9:20308093	SSF x Far_LoA	-6,96482997	0,096	0,312
CHR9	2E+07	CHR9:20308216	SSF x Far_LoA	-7,35000223	-0,102	0,301
CHR9	2E+07	CHR9:20308218	SSF x Far_LoA	-9,06412916	-0,081	0,307
CHR9	2E+07	CHR9:20308243	SSF x Far_LoA	-8,48692201	-0,045	0,316
CHR9	2E+07	CHR9:20308290	SSF x Far_LoA	-10,5988227	-0,040	0,306
CHR9	2E+07	CHR9:20318681	SSF x Far_LoA	-3,3821868	0,134	0,295
CHR9	2E+07	CHR9:20318695	SSF x Far_LoA	-8,50342445	0,166	0,298
CHR9	2E+07	CHR9:20318753	SSF x Far_LoA	-6,54930227	-0,076	0,308

CHR9	2E+07	CHR9:20318761	SSF x Far_LoA	-10,619782	-0,055	0,308
CHR9	2E+07	CHR9:20318838	SSF x Far_LoA	-8,346532	0,006	0,300
CHR9	2E+07	CHR9:20318862	SSF x Far_LoA	-7,8444317	-0,127	0,312
CHR9	2E+07	CHR9:20326490	SSF x Far_LoA	-10,2555588	0,167	0,306
CHR9	2E+07	CHR9:20326505	SSF x Far_LoA	-11,047515	-0,045	0,304
CHR9	2E+07	CHR9:20329477	SSF x Far_LoA	-10,1673228	0,076	0,308
CHR9	2E+07	CHR9:20341595	SSF x Far_LoA	-6,55372936	-0,035	0,305
CHR9	2E+07	CHR9:20341621	SSF x Far_LoA	-7,60351114	0,129	0,299
CHR9	2E+07	CHR9:20341624	SSF x Far_LoA	-4,87710185	0,103	0,292
CHR9	2E+07	CHR9:20341850	SSF x Far_LoA	-7,16896967	-0,143	0,319
CHR9	2E+07	CHR9:20341854	SSF x Far_LoA	-4,61977354	0,183	0,303
CHR9	2E+07	CHR9:20341879	SSF x Far_LoA	-6,49300789	0,201	0,292
CHR9	2E+07	CHR9:20355395	SSF x Far_LoA	-9,23318631	-0,042	0,301
CHR9	2E+07	CHR9:20355404	SSF x Far_LoA	-10,8790789	-0,078	0,320
CHR9	2E+07	CHR9:20355442	SSF x Far_LoA	-9,95313522	-0,081	0,303
CHR9	2E+07	CHR9:20355481	SSF x Far_LoA	-10,2642585	-0,088	0,319
CHR9	2E+07	CHR9:20355622	SSF x Far_LoA	-10,2483052	-0,027	0,301
CHR9	2E+07	CHR9:20355638	SSF x Far_LoA	-9,01171766	-0,001	0,313
CHR9	2E+07	CHR9:20371285	SSF x Far_LoA	-5,95705712	-0,134	0,303
CHR9	2E+07	CHR9:20371432	SSF x Far_LoA	-7,32939484	0,171	0,293
CHR9	2E+07	CHR9:20371496	SSF x Far_LoA	-10,4349884	-0,002	0,320
CHR9	2E+07	CHR9:20380006	SSF x Far_LoA	-6,82042225	0,154	0,300
CHR9	2E+07	CHR9:20380057	SSF x Far_LoA	-7,74920077	0,174	0,304
CHR9	2E+07	CHR9:20383036	SSF x Far_LoA	-10,1722816	0,086	0,307
CHR9	2E+07	CHR9:20388274	SSF x Far_LoA	-12,0124068	0,072	0,299
CHR9	2E+07	CHR9:20388298	SSF x Far_LoA	-7,96312397	-0,144	0,304
CHR9	2E+07	CHR9:20388299	SSF x Far_LoA	-4,3840933	-0,103	0,318
CHR9	2E+07	CHR9:20388313	SSF x Far_LoA	-11,270743	0,113	0,304
CHR9	2E+07	CHR9:20388387	SSF x Far_LoA	-8,83124389	0,063	0,305
CHR9	2E+07	CHR9:20388441	SSF x Far_LoA	-9,59560267	-0,050	0,292
CHR9	2E+07	CHR9:20388458	SSF x Far_LoA	-9,43919785	0,048	0,301
CHR9	2E+07	CHR9:20394269	SSF x Far_LoA	-8,93558262	0,084	0,310
CHR9	2E+07	CHR9:20394311	SSF x Far_LoA	-9,26783167	-0,109	0,322
CHR9	2E+07	CHR9:20394318	SSF x Far_LoA	-7,84072782	-0,058	0,305
CHR9	2E+07	CHR9:20394327	SSF x Far_LoA	-10,2488366	-0,054	0,300
CHR9	2E+07	CHR9:20394381	SSF x Far_LoA	-8,88680922	-0,075	0,307
CHR9	2E+07	CHR9:20406168	SSF x Far_LoA	-7,01195385	-0,104	0,284
CHR9	2E+07	CHR9:20406185	SSF x Far_LoA	-10,3032014	0,121	0,304
CHR9	2E+07	CHR9:20406201	SSF x Far_LoA	-8,9838481	0,096	0,299
CHR9	2E+07	CHR9:20406588	SSF x Far_LoA	-10,4780302	-0,054	0,294
CHR9	2E+07	CHR9:20408052	SSF x Far_LoA	-10,5955105	0,038	0,312
CHR9	2E+07	CHR9:20408138	SSF x Far_LoA	-6,03919003	0,164	0,290
CHR9	2E+07	CHR9:20408151	SSF x Far_LoA	-7,78143215	0,166	0,295
CHR9	2E+07	CHR9:20408189	SSF x Far_LoA	-7,06268208	-0,071	0,316
CHR9	2E+07	CHR9:20408225	SSF x Far_LoA	-9,47154196	-0,047	0,319
CHR9	2E+07	CHR9:20408226	SSF x Far_LoA	-9,20247166	-0,059	0,300
CHR9	2E+07	CHR9:20408270	SSF x Far_LoA	-8,74891027	0,090	0,305
CHR9	2E+07	CHR9:20408308	SSF x Far_LoA	-8,64113184	-0,114	0,314
CHR9	2E+07	CHR9:20410785	SSF x Far_LoA	-1,42977578	-0,070	0,324
CHR9	2E+07	CHR9:20410789	SSF x Far_LoA	-10,0257239	0,046	0,298
CHR9	2E+07	CHR9:20410798	SSF x Far_LoA	-9,8031532	-0,065	0,303
CHR9	2E+07	CHR9:20410925	SSF x Far_LoA	-8,70751212	0,080	0,314
CHR9	2E+07	CHR9:20410934	SSF x Far_LoA	-9,75378141	-0,015	0,317

CHR9	2E+07	CHR9:20410940	SSF x Far_LoA	-9,91609491	0,071	0,309
CHR9	2E+07	CHR9:20410941	SSF x Far_LoA	-7,74467698	-0,179	0,301
CHR9	2E+07	CHR9:20410968	SSF x Far_LoA	-9,08388172	0,014	0,290
CHR9	2E+07	CHR9:20410974	SSF x Far_LoA	-5,95478656	-0,157	0,300
CHR9	2E+07	CHR9:20411028	SSF x Far_LoA	-9,72439719	0,058	0,300
CHR9	2E+07	CHR9:20414314	SSF x Far_LoA	-10,2703172	-0,012	0,303
CHR9	2E+07	CHR9:20415065	SSF x Far_LoA	-5,31133975	-0,061	0,320
CHR9	2E+07	CHR9:20415143	SSF x Far_LoA	-10,5892706	0,051	0,292
CHR9	2E+07	CHR9:20420645	SSF x Far_LoA	-8,81508324	-0,068	0,315
CHR9	2E+07	CHR9:20420760	SSF x Far_LoA	3,46300684	0,102	0,299
CHR9	2E+07	CHR9:20432287	SSF x Far_LoA	-11,1202789	0,028	0,307
CHR9	2E+07	CHR9:20432351	SSF x Far_LoA	-9,80657038	0,061	0,304
CHR9	2E+07	CHR9:20432387	SSF x Far_LoA	-7,07148999	0,015	0,311
CHR9	2E+07	CHR9:20439222	SSF x Far_LoA	-8,96288315	0,035	0,316
CHR9	2E+07	CHR9:20439370	SSF x Far_LoA	-11,66538	0,076	0,302
CHR9	2E+07	CHR9:20443558	SSF x Far_LoA	-9,98937312	-0,024	0,308
CHR9	2E+07	CHR9:20460318	SSF x Far_LoA	-10,4684404	-0,026	0,309
CHR9	2E+07	CHR9:20460331	SSF x Far_LoA	-7,8773596	0,026	0,315
CHR9	2E+07	CHR9:20460412	SSF x Far_LoA	-9,98055721	-0,055	0,301
CHR9	2E+07	CHR9:20460422	SSF x Far_LoA	-9,41390363	0,029	0,299
CHR9	2E+07	CHR9:20460457	SSF x Far_LoA	-9,44400233	0,080	0,295
CHR9	2E+07	CHR9:20460469	SSF x Far_LoA	-11,6448079	0,000	0,308
CHR9	2E+07	CHR9:20460470	SSF x Far_LoA	-11,8112128	0,014	0,292
CHR9	2E+07	CHR9:20462914	SSF x Far_LoA	-10,9125916	-0,040	0,314
CHR9	2E+07	CHR9:20463017	SSF x Far_LoA	-4,94808419	0,022	0,310
CHR9	2E+07	CHR9:20463073	SSF x Far_LoA	-9,20891403	-0,034	0,307
CHR9	2E+07	CHR9:20463099	SSF x Far_LoA	-8,72528203	0,132	0,300
CHR9	2E+07	CHR9:20463101	SSF x Far_LoA	-7,71932167	-0,071	0,314
CHR9	2E+07	CHR9:20463152	SSF x Far_LoA	-11,2807126	0,081	0,302
CHR9	2E+07	CHR9:20472328	SSF x Far_LoA	-8,67141117	-0,156	0,293
CHR9	2E+07	CHR9:20472370	SSF x Far_LoA	-9,86311764	-0,124	0,295
CHR9	2E+07	CHR9:20472401	SSF x Far_LoA	-7,67638675	-0,108	0,311
CHR9	2E+07	CHR9:20472410	SSF x Far_LoA	-6,7676243	-0,158	0,295
CHR9	2E+07	CHR9:20472440	SSF x Far_LoA	-7,64828582	-0,058	0,299
CHR9	2E+07	CHR9:20475978	SSF x Far_LoA	-10,5080094	-0,008	0,315
CHR9	2E+07	CHR9:20484716	SSF x Far_LoA	-11,1226578	-0,041	0,305
CHR9	2E+07	CHR9:20484821	SSF x Far_LoA	-9,87727818	0,026	0,310
CHR9	2E+07	CHR9:20484831	SSF x Far_LoA	-10,3578643	-0,004	0,295
CHR9	2E+07	CHR9:20484859	SSF x Far_LoA	-9,11283263	-0,011	0,307
CHR9	2E+07	CHR9:20484870	SSF x Far_LoA	-8,86089275	-0,014	0,295
CHR9	2E+07	CHR9:20489792	SSF x Far_LoA	-10,3138181	0,129	0,296
CHR9	2E+07	CHR9:20489851	SSF x Far_LoA	-11,4710669	0,086	0,301
CHR9	2E+07	CHR9:20489874	SSF x Far_LoA	-10,8830476	0,081	0,305
CHR9	2E+07	CHR9:20489890	SSF x Far_LoA	-10,7728698	-0,021	0,296
CHR9	2E+07	CHR9:20489961	SSF x Far_LoA	-8,16967961	-0,039	0,295
CHR9	2E+07	CHR9:20491268	SSF x Far_LoA	-9,6265954	-0,044	0,301
CHR9	2E+07	CHR9:20491425	SSF x Far_LoA	-6,46451965	0,022	0,305
CHR9	2E+07	CHR9:20491453	SSF x Far_LoA	-9,17982948	0,077	0,302
CHR9	2E+07	CHR9:20491482	SSF x Far_LoA	-9,48159573	0,006	0,304
CHR9	2E+07	CHR9:20491493	SSF x Far_LoA	-10,9068069	0,018	0,303
CHR9	20505283	CHR9:20505283	SSF x Far_LoA	2,52691148	-0,126	0,299
CHR9	20505291	CHR9:20505291	SSF x Far_LoA	-8,98305167	0,092	0,302
CHR9	20505294	CHR9:20505294	SSF x Far_LoA	-8,47228076	0,100	0,295

CHR9	20505295	CHR9:20505295	SSF x Far_LoA	-8,62834641	0,103	0,306
CHR9	20508095	CHR9:20508095	SSF x Far_LoA	-10,0294962	0,088	0,297
CHR9	2051011	CHR9:2051011	SSF x Far_LoA	-8,98994713	0,048	0,309
CHR9	2051033	CHR9:2051033	SSF x Far_LoA	-9,54185022	-0,025	0,305
CHR9	20510527	CHR9:20510527	SSF x Far_LoA	-9,02628972	0,012	0,313
CHR9	20510548	CHR9:20510548	SSF x Far_LoA	-10,9824756	0,063	0,304
CHR9	20510567	CHR9:20510567	SSF x Far_LoA	-6,91561513	-0,050	0,312
CHR9	20510638	CHR9:20510638	SSF x Far_LoA	-8,08284325	-0,020	0,314
CHR9	20510656	CHR9:20510656	SSF x Far_LoA	-8,6925529	0,041	0,302
CHR9	20510660	CHR9:20510660	SSF x Far_LoA	-10,0993762	-0,025	0,297
CHR9	20510703	CHR9:20510703	SSF x Far_LoA	-7,33698894	-0,094	0,314
CHR9	2051095	CHR9:2051095	SSF x Far_LoA	-7,17258079	0,088	0,295
CHR9	20511592	CHR9:20511592	SSF x Far_LoA	-11,226404	-0,046	0,311
CHR9	20511674	CHR9:20511674	SSF x Far_LoA	-8,63626584	-0,030	0,305
CHR9	20511680	CHR9:20511680	SSF x Far_LoA	-9,98895329	-0,076	0,314
CHR9	2051705	CHR9:2051705	SSF x Far_LoA	-4,68483851	0,191	0,301
CHR9	20519131	CHR9:20519131	SSF x Far_LoA	-7,22319295	0,118	0,294
CHR9	20519156	CHR9:20519156	SSF x Far_LoA	-8,19489546	-0,081	0,307
CHR9	20519164	CHR9:20519164	SSF x Far_LoA	-3,42817848	0,009	0,306
CHR9	20519177	CHR9:20519177	SSF x Far_LoA	-7,36285913	0,079	0,300
CHR9	20519234	CHR9:20519234	SSF x Far_LoA	-9,98797336	-0,017	0,317
CHR9	2052350	CHR9:2052350	SSF x Far_LoA	-5,2420908	0,021	0,303
CHR9	2052545	CHR9:2052545	SSF x Far_LoA	-8,6620884	-0,079	0,318
CHR9	20528294	CHR9:20528294	SSF x Far_LoA	-11,7221736	-0,079	0,301
CHR9	20528330	CHR9:20528330	SSF x Far_LoA	-10,5810624	-0,054	0,293
CHR9	20528336	CHR9:20528336	SSF x Far_LoA	-11,3703352	-0,017	0,319
CHR9	20528342	CHR9:20528342	SSF x Far_LoA	-9,37008192	-0,021	0,305
CHR9	20530110	CHR9:20530110	SSF x Far_LoA	-10,0238038	-0,045	0,305
CHR9	20530111	CHR9:20530111	SSF x Far_LoA	-8,88213786	-0,061	0,298
CHR9	20542217	CHR9:20542217	SSF x Far_LoA	-9,21747635	-0,056	0,304
CHR9	20542231	CHR9:20542231	SSF x Far_LoA	-9,32182823	0,054	0,301
CHR9	20542258	CHR9:20542258	SSF x Far_LoA	-4,10880395	0,011	0,308
CHR9	20542302	CHR9:20542302	SSF x Far_LoA	-10,5575196	0,042	0,310
CHR9	20542359	CHR9:20542359	SSF x Far_LoA	-8,88278315	0,016	0,314
CHR9	20542370	CHR9:20542370	SSF x Far_LoA	-7,28979596	-0,112	0,307
CHR9	20546993	CHR9:20546993	SSF x Far_LoA	-12,2828318	-0,033	0,298
CHR9	20547094	CHR9:20547094	SSF x Far_LoA	-9,99585386	-0,074	0,313
CHR9	20549244	CHR9:20549244	SSF x Far_LoA	-10,3745134	0,130	0,293
CHR9	20564040	CHR9:20564040	SSF x Far_LoA	-6,96404276	-0,156	0,288
CHR9	20567804	CHR9:20567804	SSF x Far_LoA	-9,04802962	-0,019	0,297
CHR9	20567807	CHR9:20567807	SSF x Far_LoA	-6,10392149	0,004	0,331
CHR9	20567823	CHR9:20567823	SSF x Far_LoA	-11,1147023	0,046	0,302
CHR9	20567887	CHR9:20567887	SSF x Far_LoA	-8,23251769	-0,161	0,310
CHR9	20577844	CHR9:20577844	SSF x Far_LoA	-8,22760115	0,038	0,317
CHR9	20579363	CHR9:20579363	SSF x Far_LoA	-9,53615054	0,038	0,304
CHR9	20595564	CHR9:20595564	SSF x Far_LoA	-8,06279046	0,020	0,311
CHR9	20595580	CHR9:20595580	SSF x Far_LoA	-11,3903828	-0,041	0,310
CHR9	20596409	CHR9:20596409	SSF x Far_LoA	-8,72632581	-0,003	0,310
CHR9	20596426	CHR9:20596426	SSF x Far_LoA	-8,63784037	-0,067	0,313
CHR9	20596435	CHR9:20596435	SSF x Far_LoA	-9,86116264	0,039	0,300
CHR9	20602647	CHR9:20602647	SSF x Far_LoA	-5,72616427	-0,023	0,307
CHR9	20602648	CHR9:20602648	SSF x Far_LoA	-8,31113335	0,148	0,293
CHR9	20602658	CHR9:20602658	SSF x Far_LoA	-7,90018833	-0,030	0,307

CHR9	2060458	CHR9:2060458	SSF x Far_LoA	-8,32780484	0,071	0,316
CHR9	20605738	CHR9:20605738	SSF x Far_LoA	-9,7259838	-0,016	0,321
CHR9	2060574	CHR9:2060574	SSF x Far_LoA	-9,28029644	-0,021	0,311
CHR9	20614725	CHR9:20614725	SSF x Far_LoA	-10,1455195	-0,060	0,309
CHR9	20614982	CHR9:20614982	SSF x Far_LoA	-11,4020859	-0,013	0,300
CHR9	20618531	CHR9:20618531	SSF x Far_LoA	-9,69021241	0,049	0,302
CHR9	2062596	CHR9:2062596	SSF x Far_LoA	-5,58422326	0,128	0,309
CHR9	2062775	CHR9:2062775	SSF x Far_LoA	-9,02387848	-0,081	0,308
CHR9	2062811	CHR9:2062811	SSF x Far_LoA	-11,0926521	0,033	0,322
CHR9	20636879	CHR9:20636879	SSF x Far_LoA	-9,46135533	0,080	0,311
CHR9	20640042	CHR9:20640042	SSF x Far_LoA	-1,03145519	0,106	0,297
CHR9	20640073	CHR9:20640073	SSF x Far_LoA	-7,89465488	0,108	0,298
CHR9	20640085	CHR9:20640085	SSF x Far_LoA	-11,7429783	0,075	0,309
CHR9	20641057	CHR9:20641057	SSF x Far_LoA	-10,108316	-0,030	0,302
CHR9	20641149	CHR9:20641149	SSF x Far_LoA	-9,41845686	-0,108	0,304
CHR9	20641150	CHR9:20641150	SSF x Far_LoA	-10,3153028	-0,146	0,318
CHR9	20641196	CHR9:20641196	SSF x Far_LoA	-7,55590921	-0,122	0,308
CHR9	2064548	CHR9:2064548	SSF x Far_LoA	-8,53723738	-0,040	0,316
CHR9	2064617	CHR9:2064617	SSF x Far_LoA	-7,3363956	-0,129	0,304
CHR9	20651077	CHR9:20651077	SSF x Far_LoA	-8,70709797	-0,107	0,297
CHR9	20651138	CHR9:20651138	SSF x Far_LoA	-9,38978074	-0,124	0,300
CHR9	20651143	CHR9:20651143	SSF x Far_LoA	-9,9216856	0,027	0,309
CHR9	20651241	CHR9:20651241	SSF x Far_LoA	-9,90802635	0,050	0,319
CHR9	20651249	CHR9:20651249	SSF x Far_LoA	-8,97235279	0,061	0,308
CHR9	20651256	CHR9:20651256	SSF x Far_LoA	-10,4487974	-0,010	0,304
CHR9	20652334	CHR9:20652334	SSF x Far_LoA	-6,48746416	-0,081	0,320
CHR9	20654102	CHR9:20654102	SSF x Far_LoA	-6,73114742	-0,162	0,286
CHR9	20654164	CHR9:20654164	SSF x Far_LoA	-8,98239254	-0,132	0,295
CHR9	20664461	CHR9:20664461	SSF x Far_LoA	-6,97179154	-0,044	0,300
CHR9	20665742	CHR9:20665742	SSF x Far_LoA	-8,53327747	0,027	0,293
CHR9	20665814	CHR9:20665814	SSF x Far_LoA	-10,8595066	0,050	0,299
CHR9	20665889	CHR9:20665889	SSF x Far_LoA	-8,06874981	-0,068	0,303
CHR9	20671742	CHR9:20671742	SSF x Far_LoA	-6,65666668	0,072	0,299
CHR9	20671758	CHR9:20671758	SSF x Far_LoA	-7,18231615	0,086	0,303
CHR9	20674255	CHR9:20674255	SSF x Far_LoA	-8,30175906	0,107	0,311
CHR9	20674261	CHR9:20674261	SSF x Far_LoA	-9,25765485	0,116	0,291
CHR9	20683187	CHR9:20683187	SSF x Far_LoA	-7,2457459	-0,111	0,311
CHR9	20683306	CHR9:20683306	SSF x Far_LoA	-7,15251941	0,068	0,304
CHR9	20683622	CHR9:20683622	SSF x Far_LoA	-8,16773732	0,079	0,302
CHR9	20690308	CHR9:20690308	SSF x Far_LoA	-11,7358394	-0,037	0,304
CHR9	20690311	CHR9:20690311	SSF x Far_LoA	-9,04579921	0,082	0,294
CHR9	20690326	CHR9:20690326	SSF x Far_LoA	-8,98850926	0,099	0,289
CHR9	2069494	CHR9:2069494	SSF x Far_LoA	-9,38373678	0,034	0,298
CHR9	2069503	CHR9:2069503	SSF x Far_LoA	-8,35199737	-0,062	0,321
CHR9	2069506	CHR9:2069506	SSF x Far_LoA	-8,73031383	-0,028	0,301
CHR9	2069532	CHR9:2069532	SSF x Far_LoA	-8,35712679	-0,028	0,315
CHR9	2069567	CHR9:2069567	SSF x Far_LoA	-7,51635872	0,134	0,297
CHR9	2069584	CHR9:2069584	SSF x Far_LoA	-9,80861221	-0,009	0,301
CHR9	2069615	CHR9:2069615	SSF x Far_LoA	-9,30932779	-0,090	0,314
CHR9	20700698	CHR9:20700698	SSF x Far_LoA	-9,51371974	-0,119	0,311
CHR9	20718328	CHR9:20718328	SSF x Far_LoA	-11,4930391	0,023	0,310
CHR9	20723255	CHR9:20723255	SSF x Far_LoA	-6,61981473	-0,078	0,309
CHR9	20723273	CHR9:20723273	SSF x Far_LoA	-8,37033291	-0,005	0,304

CHR9	20723295	CHR9:20723295	SSF x Far_LoA	-7,47540468	-0,113	0,303
CHR9	20723297	CHR9:20723297	SSF x Far_LoA	-6,82424926	-0,110	0,306
CHR9	20723345	CHR9:20723345	SSF x Far_LoA	-9,08350239	-0,084	0,294
CHR9	2072519	CHR9:2072519	SSF x Far_LoA	-5,18939979	0,194	0,303
CHR9	2072585	CHR9:2072585	SSF x Far_LoA	-8,77730907	0,051	0,300
CHR9	2072601	CHR9:2072601	SSF x Far_LoA	-9,68200846	0,010	0,320
CHR9	20727736	CHR9:20727736	SSF x Far_LoA	-9,44803908	0,027	0,315
CHR9	20728668	CHR9:20728668	SSF x Far_LoA	-7,2766555	0,069	0,323
CHR9	20756097	CHR9:20756097	SSF x Far_LoA	-8,69346922	-0,035	0,320
CHR9	20759514	CHR9:20759514	SSF x Far_LoA	-10,9196748	0,045	0,311
CHR9	20762458	CHR9:20762458	SSF x Far_LoA	-8,53282974	-0,029	0,303
CHR9	20762534	CHR9:20762534	SSF x Far_LoA	-8,83307306	0,153	0,297
CHR9	20771648	CHR9:20771648	SSF x Far_LoA	-9,88226781	-0,038	0,302
CHR9	20771757	CHR9:20771757	SSF x Far_LoA	-5,48487353	0,098	0,297
CHR9	20777416	CHR9:20777416	SSF x Far_LoA	-11,3847057	-0,047	0,309
CHR9	20777510	CHR9:20777510	SSF x Far_LoA	-10,5882763	0,075	0,302
CHR9	20777523	CHR9:20777523	SSF x Far_LoA	-9,55498702	0,062	0,304
CHR9	20777612	CHR9:20777612	SSF x Far_LoA	-10,3788525	0,055	0,299
CHR9	20777617	CHR9:20777617	SSF x Far_LoA	-12,4739307	-0,060	0,296
CHR9	20787897	CHR9:20787897	SSF x Far_LoA	-10,1710247	-0,087	0,292
CHR9	20787901	CHR9:20787901	SSF x Far_LoA	-11,6301238	-0,049	0,303
CHR9	20805502	CHR9:20805502	SSF x Far_LoA	-11,6152073	-0,004	0,312
CHR9	20816570	CHR9:20816570	SSF x Far_LoA	-9,2712017	-0,074	0,284
CHR9	20822329	CHR9:20822329	SSF x Far_LoA	-5,15654931	-0,028	0,318
CHR9	20822360	CHR9:20822360	SSF x Far_LoA	-9,28921018	-0,064	0,319
CHR9	20822397	CHR9:20822397	SSF x Far_LoA	-10,6282202	-0,044	0,296
CHR9	20834165	CHR9:20834165	SSF x Far_LoA	-9,85383446	0,001	0,309
CHR9	20834173	CHR9:20834173	SSF x Far_LoA	-10,3033695	-0,013	0,302
CHR9	20834734	CHR9:20834734	SSF x Far_LoA	-4,61573898	-0,070	0,306
CHR9	20834795	CHR9:20834795	SSF x Far_LoA	-8,34695803	-0,097	0,317
CHR9	20834804	CHR9:20834804	SSF x Far_LoA	-8,93101427	-0,114	0,309
CHR9	20837702	CHR9:20837702	SSF x Far_LoA	-12,0244264	-0,020	0,294
CHR9	20842157	CHR9:20842157	SSF x Far_LoA	-8,87208286	0,052	0,303
CHR9	20845126	CHR9:20845126	SSF x Far_LoA	-8,1476215	-0,074	0,314
CHR9	20845134	CHR9:20845134	SSF x Far_LoA	-4,51341389	-0,159	0,308
CHR9	20845137	CHR9:20845137	SSF x Far_LoA	-8,01318442	0,077	0,314
CHR9	20845199	CHR9:20845199	SSF x Far_LoA	-11,2365112	0,070	0,295
CHR9	20845201	CHR9:20845201	SSF x Far_LoA	-3,32939256	-0,174	0,308
CHR9	20848459	CHR9:20848459	SSF x Far_LoA	-11,4612509	0,039	0,296
CHR9	20848785	CHR9:20848785	SSF x Far_LoA	-11,2678143	0,075	0,306
CHR9	20851625	CHR9:20851625	SSF x Far_LoA	-10,5359542	0,019	0,310
CHR9	20851744	CHR9:20851744	SSF x Far_LoA	-7,16657096	-0,141	0,299
CHR9	20856397	CHR9:20856397	SSF x Far_LoA	-4,58042319	-0,091	0,320
CHR9	20856441	CHR9:20856441	SSF x Far_LoA	-8,7513185	-0,062	0,297
CHR9	20856483	CHR9:20856483	SSF x Far_LoA	-7,19500813	0,001	0,314
CHR9	20856578	CHR9:20856578	SSF x Far_LoA	-10,6475555	-0,027	0,311
CHR9	20859107	CHR9:20859107	SSF x Far_LoA	-8,69876899	-0,053	0,314
CHR9	20859159	CHR9:20859159	SSF x Far_LoA	-9,75382612	-0,081	0,300
CHR9	20859167	CHR9:20859167	SSF x Far_LoA	-11,3435475	0,070	0,305
CHR9	20866904	CHR9:20866904	SSF x Far_LoA	-10,4329234	-0,057	0,309
CHR9	20869607	CHR9:20869607	SSF x Far_LoA	-8,88271275	-0,050	0,299
CHR9	20869608	CHR9:20869608	SSF x Far_LoA	-6,63040254	-0,060	0,319
CHR9	20869610	CHR9:20869610	SSF x Far_LoA	-8,5858696	-0,073	0,313

CHR9	20869625	CHR9:20869625	SSF x Far_LoA	-10,9746062	-0,069	0,312
CHR9	20874464	CHR9:20874464	SSF x Far_LoA	-7,38439294	0,094	0,306
CHR9	20874471	CHR9:20874471	SSF x Far_LoA	-7,75493323	0,041	0,328
CHR9	20876367	CHR9:20876367	SSF x Far_LoA	-9,48369742	0,046	0,309
CHR9	20876405	CHR9:20876405	SSF x Far_LoA	-0,92452775	-0,036	0,307
CHR9	20876407	CHR9:20876407	SSF x Far_LoA	-10,0754484	0,061	0,304
CHR9	20878924	CHR9:20878924	SSF x Far_LoA	-6,29604743	0,181	0,289
CHR9	20879030	CHR9:20879030	SSF x Far_LoA	-8,0450891	-0,052	0,309
CHR9	20879047	CHR9:20879047	SSF x Far_LoA	-7,55810484	0,176	0,293
CHR9	20891212	CHR9:20891212	SSF x Far_LoA	-9,6281287	0,072	0,308
CHR9	20892684	CHR9:20892684	SSF x Far_LoA	-11,448404	0,018	0,307
CHR9	20911971	CHR9:20911971	SSF x Far_LoA	-9,32327315	-0,074	0,297
CHR9	20940876	CHR9:20940876	SSF x Far_LoA	-10,0042336	0,014	0,298
CHR9	20940957	CHR9:20940957	SSF x Far_LoA	-11,6061443	0,023	0,296
CHR9	20943010	CHR9:20943010	SSF x Far_LoA	-8,75566856	-0,081	0,299
CHR9	20964089	CHR9:20964089	SSF x Far_LoA	-8,75474245	-0,133	0,302
CHR9	20964105	CHR9:20964105	SSF x Far_LoA	-1,77540052	-0,146	0,289
CHR9	20967294	CHR9:20967294	SSF x Far_LoA	-10,6675242	0,026	0,315
CHR9	2097520	CHR9:2097520	SSF x Far_LoA	-9,61842584	0,028	0,319
CHR9	2097601	CHR9:2097601	SSF x Far_LoA	-8,40389755	0,011	0,314
CHR9	2097612	CHR9:2097612	SSF x Far_LoA	-10,6928133	-0,037	0,303
CHR9	2097641	CHR9:2097641	SSF x Far_LoA	-8,9097966	0,043	0,312
CHR9	2097671	CHR9:2097671	SSF x Far_LoA	-6,61796373	0,118	0,315
CHR9	2097673	CHR9:2097673	SSF x Far_LoA	-8,70685694	-0,042	0,303
CHR9	2097677	CHR9:2097677	SSF x Far_LoA	-2,71074304	0,111	0,315
CHR9	2097683	CHR9:2097683	SSF x Far_LoA	-7,26520576	0,110	0,322
CHR9	2097687	CHR9:2097687	SSF x Far_LoA	-10,1329181	0,103	0,301
CHR9	2097731	CHR9:2097731	SSF x Far_LoA	-10,3406574	-0,021	0,304
CHR9	20978992	CHR9:20978992	SSF x Far_LoA	-10,2728444	-0,058	0,300
CHR9	20979159	CHR9:20979159	SSF x Far_LoA	-10,0906962	0,052	0,298
CHR9	20979255	CHR9:20979255	SSF x Far_LoA	-9,07495875	-0,026	0,309
CHR9	20979256	CHR9:20979256	SSF x Far_LoA	-9,4858705	-0,001	0,306
CHR9	20984267	CHR9:20984267	SSF x Far_LoA	-8,6511296	-0,008	0,304
CHR9	20984272	CHR9:20984272	SSF x Far_LoA	-8,30059962	0,011	0,317
CHR9	20984275	CHR9:20984275	SSF x Far_LoA	-9,33194593	0,022	0,309
CHR9	20984428	CHR9:20984428	SSF x Far_LoA	-9,87485846	-0,085	0,293
CHR9	20984430	CHR9:20984430	SSF x Far_LoA	-8,78849099	-0,016	0,310
CHR9	2098775	CHR9:2098775	SSF x Far_LoA	-8,3616205	0,101	0,295
CHR9	2098886	CHR9:2098886	SSF x Far_LoA	-7,17225783	0,093	0,301
CHR9	20989602	CHR9:20989602	SSF x Far_LoA	-11,159249	0,063	0,311
CHR9	20994062	CHR9:20994062	SSF x Far_LoA	-6,86003021	-0,131	0,292
CHR9	20994132	CHR9:20994132	SSF x Far_LoA	-6,05002891	-0,163	0,308
CHR9	21000220	CHR9:21000220	SSF x Far_LoA	-6,98665613	-0,126	0,311
CHR9	21000228	CHR9:21000228	SSF x Far_LoA	-10,2093763	-0,041	0,304
CHR9	21006723	CHR9:21006723	SSF x Far_LoA	-7,82851867	0,153	0,295
CHR9	21006748	CHR9:21006748	SSF x Far_LoA	-10,6405092	-0,062	0,312
CHR9	21006801	CHR9:21006801	SSF x Far_LoA	-10,9186623	0,028	0,303
CHR9	21006803	CHR9:21006803	SSF x Far_LoA	-8,91486228	-0,047	0,305
CHR9	21006821	CHR9:21006821	SSF x Far_LoA	-9,31332913	-0,026	0,311
CHR9	21014588	CHR9:21014588	SSF x Far_LoA	-9,9700412	-0,009	0,305
CHR9	21020256	CHR9:21020256	SSF x Far_LoA	-9,75241921	-0,066	0,315
CHR9	21023603	CHR9:21023603	SSF x Far_LoA	-9,86962195	-0,082	0,299
CHR9	21023617	CHR9:21023617	SSF x Far_LoA	-10,4596178	-0,043	0,312

CHR9	21023651	CHR9:21023651	SSF x Far_LoA	-8,49992184	0,056	0,313
CHR9	21023656	CHR9:21023656	SSF x Far_LoA	-8,30888303	0,092	0,312
CHR9	21023668	CHR9:21023668	SSF x Far_LoA	1,73135109	0,092	0,320
CHR9	21023703	CHR9:21023703	SSF x Far_LoA	-7,35261168	0,008	0,315
CHR9	21025567	CHR9:21025567	SSF x Far_LoA	-9,29380016	0,085	0,286
CHR9	21025688	CHR9:21025688	SSF x Far_LoA	-6,24307316	-0,180	0,294
CHR9	21040467	CHR9:21040467	SSF x Far_LoA	-9,51696944	-0,004	0,325
CHR9	21050399	CHR9:21050399	SSF x Far_LoA	-9,85136626	-0,117	0,304
CHR9	21051368	CHR9:21051368	SSF x Far_LoA	-9,09607129	-0,119	0,306
CHR9	21051399	CHR9:21051399	SSF x Far_LoA	-9,23344922	-0,001	0,320
CHR9	21051421	CHR9:21051421	SSF x Far_LoA	-10,9140477	-0,059	0,287
CHR9	21064383	CHR9:21064383	SSF x Far_LoA	-10,5371324	0,032	0,297
CHR9	21073393	CHR9:21073393	SSF x Far_LoA	-10,7882245	-0,040	0,310
CHR9	21073435	CHR9:21073435	SSF x Far_LoA	-8,92845808	0,073	0,301
CHR9	21078625	CHR9:21078625	SSF x Far_LoA	-8,27452246	0,164	0,294
CHR9	21078678	CHR9:21078678	SSF x Far_LoA	-5,81384954	0,155	0,317
CHR9	21078679	CHR9:21078679	SSF x Far_LoA	-7,43393792	0,150	0,304
CHR9	21081230	CHR9:21081230	SSF x Far_LoA	-7,60633701	0,070	0,307
CHR9	2108148	CHR9:2108148	SSF x Far_LoA	-9,78614775	0,046	0,311
CHR9	2108200	CHR9:2108200	SSF x Far_LoA	-9,60271744	0,040	0,306
CHR9	2108212	CHR9:2108212	SSF x Far_LoA	-9,24824948	0,050	0,313
CHR9	2108214	CHR9:2108214	SSF x Far_LoA	-8,39744188	0,061	0,311
CHR9	2108219	CHR9:2108219	SSF x Far_LoA	-8,28095844	0,107	0,317
CHR9	2108221	CHR9:2108221	SSF x Far_LoA	-10,4269453	0,056	0,300
CHR9	21084754	CHR9:21084754	SSF x Far_LoA	-9,69491214	0,022	0,292
CHR9	21085030	CHR9:21085030	SSF x Far_LoA	-8,41505451	0,070	0,313
CHR9	21085046	CHR9:21085046	SSF x Far_LoA	-9,42524143	0,024	0,318
CHR9	21090883	CHR9:21090883	SSF x Far_LoA	-8,59262994	-0,042	0,303
CHR9	21090908	CHR9:21090908	SSF x Far_LoA	-8,72220622	-0,059	0,306
CHR9	21090910	CHR9:21090910	SSF x Far_LoA	-8,81870934	-0,017	0,304
CHR9	21090924	CHR9:21090924	SSF x Far_LoA	-7,58772599	0,089	0,313
CHR9	21090932	CHR9:21090932	SSF x Far_LoA	-5,64600472	-0,127	0,285
CHR9	21095691	CHR9:21095691	SSF x Far_LoA	-10,7862302	0,039	0,291
CHR9	21124703	CHR9:21124703	SSF x Far_LoA	-8,02503578	-0,046	0,302
CHR9	21124717	CHR9:21124717	SSF x Far_LoA	-10,8273675	-0,009	0,310
CHR9	21124765	CHR9:21124765	SSF x Far_LoA	-8,70410176	0,026	0,312
CHR9	21124845	CHR9:21124845	SSF x Far_LoA	-8,05227135	0,100	0,301
CHR9	2112530	CHR9:2112530	SSF x Far_LoA	-11,2734456	0,109	0,298
CHR9	2112590	CHR9:2112590	SSF x Far_LoA	-7,44230073	-0,060	0,315
CHR9	2112656	CHR9:2112656	SSF x Far_LoA	-7,17177198	-0,043	0,314
CHR9	2112671	CHR9:2112671	SSF x Far_LoA	-11,1034295	0,090	0,299
CHR9	21133048	CHR9:21133048	SSF x Far_LoA	-10,5921155	0,103	0,302
CHR9	21139811	CHR9:21139811	SSF x Far_LoA	-11,093799	0,017	0,312
CHR9	21143819	CHR9:21143819	SSF x Far_LoA	-9,6106227	-0,118	0,289
CHR9	21143846	CHR9:21143846	SSF x Far_LoA	-10,1196675	0,040	0,311
CHR9	21149635	CHR9:21149635	SSF x Far_LoA	-11,0983641	0,136	0,292
CHR9	21149684	CHR9:21149684	SSF x Far_LoA	-5,2037068	-0,131	0,314
CHR9	21156583	CHR9:21156583	SSF x Far_LoA	-11,3524575	-0,068	0,289
CHR9	21156593	CHR9:21156593	SSF x Far_LoA	-10,867973	0,116	0,301
CHR9	21156616	CHR9:21156616	SSF x Far_LoA	-9,65407167	0,041	0,294
CHR9	21156655	CHR9:21156655	SSF x Far_LoA	-8,83084803	0,075	0,305
CHR9	21156658	CHR9:21156658	SSF x Far_LoA	-10,2058167	-0,094	0,306
CHR9	21156669	CHR9:21156669	SSF x Far_LoA	-10,3331731	-0,047	0,294

CHR9	2116286	CHR9:2116286	SSF x Far_LoA	-10,0706994	0,064	0,308
CHR9	21163528	CHR9:21163528	SSF x Far_LoA	-8,45057685	0,115	0,298
CHR9	2116421	CHR9:2116421	SSF x Far_LoA	-8,13977223	0,019	0,317
CHR9	2116529	CHR9:2116529	SSF x Far_LoA	-8,53515261	0,049	0,313
CHR9	2116597	CHR9:2116597	SSF x Far_LoA	-11,0624763	0,038	0,293
CHR9	21171459	CHR9:21171459	SSF x Far_LoA	-10,4515375	-0,012	0,305
CHR9	21171505	CHR9:21171505	SSF x Far_LoA	-10,757424	0,064	0,313
CHR9	21171513	CHR9:21171513	SSF x Far_LoA	-9,2623846	0,019	0,306
CHR9	2118586	CHR9:2118586	SSF x Far_LoA	-11,8958466	0,008	0,307
CHR9	2118625	CHR9:2118625	SSF x Far_LoA	-8,07742606	0,054	0,315
CHR9	2118647	CHR9:2118647	SSF x Far_LoA	-9,1232736	0,012	0,309
CHR9	21189833	CHR9:21189833	SSF x Far_LoA	-7,32924482	0,107	0,305
CHR9	21189838	CHR9:21189838	SSF x Far_LoA	-8,08590698	-0,118	0,311
CHR9	21189844	CHR9:21189844	SSF x Far_LoA	-11,5896269	-0,117	0,298
CHR9	21189881	CHR9:21189881	SSF x Far_LoA	-8,16180004	-0,114	0,305
CHR9	21189889	CHR9:21189889	SSF x Far_LoA	-10,948184	-0,067	0,293
CHR9	21189904	CHR9:21189904	SSF x Far_LoA	-11,6439572	-0,076	0,288
CHR9	21189911	CHR9:21189911	SSF x Far_LoA	-6,51577453	-0,117	0,306
CHR9	21195345	CHR9:21195345	SSF x Far_LoA	-10,0397353	-0,040	0,296
CHR9	21195383	CHR9:21195383	SSF x Far_LoA	-8,74737517	0,046	0,313
CHR9	21198057	CHR9:21198057	SSF x Far_LoA	-7,99530947	0,220	0,281
CHR9	2119887	CHR9:2119887	SSF x Far_LoA	-10,5404154	0,002	0,314
CHR9	2119929	CHR9:2119929	SSF x Far_LoA	-9,34816819	0,004	0,327
CHR9	21204046	CHR9:21204046	SSF x Far_LoA	-10,2539608	-0,065	0,300
CHR9	21204050	CHR9:21204050	SSF x Far_LoA	-11,0571376	-0,039	0,305
CHR9	21204052	CHR9:21204052	SSF x Far_LoA	-7,07838646	0,095	0,301
CHR9	21204102	CHR9:21204102	SSF x Far_LoA	-8,09207836	0,088	0,296
CHR9	21204103	CHR9:21204103	SSF x Far_LoA	-12,6899905	-0,031	0,300
CHR9	21204119	CHR9:21204119	SSF x Far_LoA	-8,9373816	0,009	0,312
CHR9	21204128	CHR9:21204128	SSF x Far_LoA	-4,57161351	-0,078	0,316
CHR9	21204132	CHR9:21204132	SSF x Far_LoA	-8,7554832	0,097	0,297
CHR9	21204144	CHR9:21204144	SSF x Far_LoA	-10,5491366	-0,050	0,319
CHR9	21204166	CHR9:21204166	SSF x Far_LoA	-9,18796313	0,038	0,302
CHR9	21205616	CHR9:21205616	SSF x Far_LoA	-8,08129502	-0,053	0,308
CHR9	21214947	CHR9:21214947	SSF x Far_LoA	-10,5685221	-0,089	0,300
CHR9	21214949	CHR9:21214949	SSF x Far_LoA	-4,23560784	0,151	0,313
CHR9	21219199	CHR9:21219199	SSF x Far_LoA	-11,327364	-0,016	0,311
CHR9	21221639	CHR9:21221639	SSF x Far_LoA	-4,16220706	-0,079	0,289
CHR9	21222590	CHR9:21222590	SSF x Far_LoA	-3,44341731	-0,072	0,300
CHR9	21224423	CHR9:21224423	SSF x Far_LoA	-8,48190659	0,073	0,301
CHR9	21224534	CHR9:21224534	SSF x Far_LoA	-11,5894678	-0,043	0,306
CHR9	21243518	CHR9:21243518	SSF x Far_LoA	-12,1563488	-0,061	0,290
CHR9	21254275	CHR9:21254275	SSF x Far_LoA	-11,5616224	-0,023	0,308
CHR9	21254281	CHR9:21254281	SSF x Far_LoA	-7,31305821	0,044	0,308
CHR9	21254290	CHR9:21254290	SSF x Far_LoA	-9,48250723	-0,010	0,307
CHR9	21254318	CHR9:21254318	SSF x Far_LoA	-11,3468231	0,032	0,315
CHR9	21258161	CHR9:21258161	SSF x Far_LoA	-10,0674697	-0,067	0,297
CHR9	21258196	CHR9:21258196	SSF x Far_LoA	-7,22598974	0,150	0,293
CHR9	21258599	CHR9:21258599	SSF x Far_LoA	-10,330279	-0,023	0,314
CHR9	21258639	CHR9:21258639	SSF x Far_LoA	-9,25321333	0,085	0,308
CHR9	21262314	CHR9:21262314	SSF x Far_LoA	-8,81455996	0,113	0,286
CHR9	21262505	CHR9:21262505	SSF x Far_LoA	-8,91349491	-0,028	0,318
CHR9	21264356	CHR9:21264356	SSF x Far_LoA	-8,6422345	0,003	0,294

CHR9	21264358	CHR9:21264358	SSF x Far_LoA	-7,74338315	-0,070	0,307
CHR9	21264381	CHR9:21264381	SSF x Far_LoA	-9,69428164	0,025	0,319
CHR9	21264410	CHR9:21264410	SSF x Far_LoA	-9,04718328	-0,052	0,307
CHR9	21264417	CHR9:21264417	SSF x Far_LoA	-9,03914278	-0,042	0,307
CHR9	21264418	CHR9:21264418	SSF x Far_LoA	-9,20956068	-0,052	0,298
CHR9	21264421	CHR9:21264421	SSF x Far_LoA	-4,29612817	0,078	0,324
CHR9	21264424	CHR9:21264424	SSF x Far_LoA	-9,25813247	0,050	0,306
CHR9	21264437	CHR9:21264437	SSF x Far_LoA	-10,6283067	0,065	0,305
CHR9	21264454	CHR9:21264454	SSF x Far_LoA	-10,2698774	-0,087	0,297
CHR9	21264458	CHR9:21264458	SSF x Far_LoA	-9,27891179	-0,008	0,292
CHR9	21264521	CHR9:21264521	SSF x Far_LoA	-9,6155684	0,031	0,306
CHR9	21269366	CHR9:21269366	SSF x Far_LoA	-9,54854015	0,063	0,300
CHR9	21269367	CHR9:21269367	SSF x Far_LoA	-10,5244916	0,029	0,303
CHR9	21269370	CHR9:21269370	SSF x Far_LoA	-8,03087687	0,093	0,309
CHR9	21286747	CHR9:21286747	SSF x Far_LoA	-11,5708108	-0,009	0,307
CHR9	21286757	CHR9:21286757	SSF x Far_LoA	-9,70501074	-0,021	0,301
CHR9	21286776	CHR9:21286776	SSF x Far_LoA	-2,59007414	0,172	0,292
CHR9	21286927	CHR9:21286927	SSF x Far_LoA	-7,73028037	0,131	0,313
CHR9	2128822	CHR9:2128822	SSF x Far_LoA	-10,7939767	0,050	0,300
CHR9	2128836	CHR9:2128836	SSF x Far_LoA	-10,5238631	0,025	0,308
CHR9	21293825	CHR9:21293825	SSF x Far_LoA	-8,66778029	0,112	0,307
CHR9	21294040	CHR9:21294040	SSF x Far_LoA	-9,97289001	-0,031	0,310
CHR9	21302266	CHR9:21302266	SSF x Far_LoA	-12,3723103	0,055	0,290
CHR9	21302345	CHR9:21302345	SSF x Far_LoA	-10,7072112	0,024	0,307
CHR9	21302351	CHR9:21302351	SSF x Far_LoA	-9,42431127	-0,186	0,298
CHR9	21306909	CHR9:21306909	SSF x Far_LoA	-7,42231579	0,041	0,309
CHR9	21307024	CHR9:21307024	SSF x Far_LoA	-9,07496162	0,063	0,306
CHR9	21307027	CHR9:21307027	SSF x Far_LoA	-9,39071206	0,074	0,306
CHR9	21307057	CHR9:21307057	SSF x Far_LoA	-9,94125399	-0,038	0,318
CHR9	21307108	CHR9:21307108	SSF x Far_LoA	-8,43582646	-0,092	0,312
CHR9	21307109	CHR9:21307109	SSF x Far_LoA	-8,48526767	-0,060	0,309
CHR9	21307140	CHR9:21307140	SSF x Far_LoA	-11,5794206	0,007	0,318
CHR9	21307148	CHR9:21307148	SSF x Far_LoA	-7,91995039	0,099	0,311
CHR9	21307149	CHR9:21307149	SSF x Far_LoA	-8,95795187	0,071	0,301
CHR9	21307152	CHR9:21307152	SSF x Far_LoA	-7,8573826	0,089	0,309
CHR9	21328100	CHR9:21328100	SSF x Far_LoA	-7,30865929	0,135	0,291
CHR9	21328101	CHR9:21328101	SSF x Far_LoA	2,86074888	0,120	0,293
CHR9	21328129	CHR9:21328129	SSF x Far_LoA	-9,02458948	-0,071	0,313
CHR9	21328142	CHR9:21328142	SSF x Far_LoA	-7,64486192	0,218	0,290
CHR9	21328164	CHR9:21328164	SSF x Far_LoA	-9,44914781	0,049	0,304
CHR9	21328167	CHR9:21328167	SSF x Far_LoA	-9,08315795	-0,011	0,307
CHR9	21328175	CHR9:21328175	SSF x Far_LoA	-9,87271021	0,002	0,305
CHR9	21328198	CHR9:21328198	SSF x Far_LoA	-9,04631204	-0,004	0,301
CHR9	21328203	CHR9:21328203	SSF x Far_LoA	-11,4167271	-0,009	0,305
CHR9	21328226	CHR9:21328226	SSF x Far_LoA	-8,89404316	0,062	0,300
CHR9	21341904	CHR9:21341904	SSF x Far_LoA	-4,1655664	0,160	0,313
CHR9	21352381	CHR9:21352381	SSF x Far_LoA	-10,8083478	-0,075	0,310
CHR9	21352384	CHR9:21352384	SSF x Far_LoA	-8,41245026	-0,061	0,317
CHR9	21352394	CHR9:21352394	SSF x Far_LoA	-8,91935794	-0,139	0,297
CHR9	21352414	CHR9:21352414	SSF x Far_LoA	-7,30414028	0,176	0,295
CHR9	21352717	CHR9:21352717	SSF x Far_LoA	-11,1341531	0,101	0,304
CHR9	213576	CHR9:213576	SSF x Far_LoA	-9,87534765	0,045	0,304
CHR9	21360230	CHR9:21360230	SSF x Far_LoA	-12,3432311	0,054	0,304

CHR9	21360285	CHR9:21360285	SSF x Far_LoA	-8,89991833	0,020	0,296
CHR9	21360292	CHR9:21360292	SSF x Far_LoA	-10,1032731	0,023	0,280
CHR9	21360561	CHR9:21360561	SSF x Far_LoA	-9,49859728	-0,016	0,307
CHR9	2136547	CHR9:2136547	SSF x Far_LoA	-9,13548948	0,133	0,297
CHR9	21365516	CHR9:21365516	SSF x Far_LoA	-9,74385112	-0,008	0,309
CHR9	21370840	CHR9:21370840	SSF x Far_LoA	-9,22063965	0,085	0,305
CHR9	21370852	CHR9:21370852	SSF x Far_LoA	-10,5633058	-0,099	0,303
CHR9	21370923	CHR9:21370923	SSF x Far_LoA	-9,06200843	0,055	0,299
CHR9	21370925	CHR9:21370925	SSF x Far_LoA	-9,40573993	0,018	0,301
CHR9	21371020	CHR9:21371020	SSF x Far_LoA	-7,77152595	-0,004	0,307
CHR9	21371085	CHR9:21371085	SSF x Far_LoA	-10,2619199	-0,018	0,310
CHR9	21373995	CHR9:21373995	SSF x Far_LoA	-10,537807	-0,037	0,289
CHR9	21380506	CHR9:21380506	SSF x Far_LoA	-7,42403722	0,095	0,317
CHR9	21380539	CHR9:21380539	SSF x Far_LoA	-8,76297937	-0,082	0,314
CHR9	21410997	CHR9:21410997	SSF x Far_LoA	-10,5243159	0,049	0,296
CHR9	21416039	CHR9:21416039	SSF x Far_LoA	-7,34547275	-0,138	0,306
CHR9	21416116	CHR9:21416116	SSF x Far_LoA	-8,61308846	0,041	0,324
CHR9	21416150	CHR9:21416150	SSF x Far_LoA	-8,64391992	0,066	0,314
CHR9	21417058	CHR9:21417058	SSF x Far_LoA	-10,0506394	0,050	0,306
CHR9	21418349	CHR9:21418349	SSF x Far_LoA	-9,25295585	-0,049	0,302
CHR9	21423884	CHR9:21423884	SSF x Far_LoA	-8,56394815	0,057	0,305
CHR9	21424010	CHR9:21424010	SSF x Far_LoA	0,99942207	0,135	0,311
CHR9	21426536	CHR9:21426536	SSF x Far_LoA	-8,99940201	0,111	0,308
CHR9	21426537	CHR9:21426537	SSF x Far_LoA	-7,37436276	0,082	0,297
CHR9	21426638	CHR9:21426638	SSF x Far_LoA	-9,77706424	0,034	0,300
CHR9	21435571	CHR9:21435571	SSF x Far_LoA	-9,75182361	-0,017	0,304
CHR9	21435572	CHR9:21435572	SSF x Far_LoA	-6,31700736	0,076	0,302
CHR9	21435587	CHR9:21435587	SSF x Far_LoA	-10,0191386	0,127	0,294
CHR9	21435588	CHR9:21435588	SSF x Far_LoA	-6,16854089	0,126	0,301
CHR9	21435589	CHR9:21435589	SSF x Far_LoA	-8,56830668	0,059	0,312
CHR9	21435628	CHR9:21435628	SSF x Far_LoA	-9,88829533	-0,054	0,310
CHR9	21435629	CHR9:21435629	SSF x Far_LoA	-8,0139136	0,133	0,299
CHR9	21435641	CHR9:21435641	SSF x Far_LoA	-10,4980493	-0,055	0,307
CHR9	21435667	CHR9:21435667	SSF x Far_LoA	-8,64425653	0,079	0,313
CHR9	21435682	CHR9:21435682	SSF x Far_LoA	-9,06415299	0,040	0,309
CHR9	21435769	CHR9:21435769	SSF x Far_LoA	-10,4753311	0,072	0,317
CHR9	21435822	CHR9:21435822	SSF x Far_LoA	-8,97545082	-0,043	0,301
CHR9	21435830	CHR9:21435830	SSF x Far_LoA	-12,3657441	0,023	0,299
CHR9	21442430	CHR9:21442430	SSF x Far_LoA	-8,10463751	-0,044	0,316
CHR9	21453575	CHR9:21453575	SSF x Far_LoA	-7,68212304	0,078	0,307
CHR9	21453603	CHR9:21453603	SSF x Far_LoA	-10,0612144	-0,043	0,294
CHR9	21453610	CHR9:21453610	SSF x Far_LoA	-5,37830462	0,175	0,300
CHR9	21453650	CHR9:21453650	SSF x Far_LoA	-8,91780514	0,140	0,301
CHR9	21453656	CHR9:21453656	SSF x Far_LoA	-9,05805079	-0,039	0,288
CHR9	21453684	CHR9:21453684	SSF x Far_LoA	-10,563269	0,061	0,298
CHR9	21453765	CHR9:21453765	SSF x Far_LoA	-11,5080408	0,080	0,307
CHR9	21453799	CHR9:21453799	SSF x Far_LoA	-9,02762866	0,048	0,310
CHR9	21453808	CHR9:21453808	SSF x Far_LoA	-7,73188012	-0,142	0,311
CHR9	21453815	CHR9:21453815	SSF x Far_LoA	-11,2585575	-0,027	0,301
CHR9	21453821	CHR9:21453821	SSF x Far_LoA	-9,81812088	-0,034	0,296
CHR9	2145945	CHR9:2145945	SSF x Far_LoA	-6,45454866	0,027	0,305
CHR9	2145956	CHR9:2145956	SSF x Far_LoA	-10,1146453	-0,014	0,304
CHR9	2146086	CHR9:2146086	SSF x Far_LoA	-7,06240371	0,014	0,305

CHR9	21463014	CHR9:21463014	SSF x Far_LoA	-9,52248114	0,010	0,309
CHR9	21463044	CHR9:21463044	SSF x Far_LoA	-11,7250026	-0,028	0,309
CHR9	21463136	CHR9:21463136	SSF x Far_LoA	-8,66734293	0,082	0,303
CHR9	21463146	CHR9:21463146	SSF x Far_LoA	-11,7393264	0,010	0,299
CHR9	21463173	CHR9:21463173	SSF x Far_LoA	-9,09009113	-0,050	0,312
CHR9	21482041	CHR9:21482041	SSF x Far_LoA	-9,47935211	-0,068	0,309
CHR9	21482046	CHR9:21482046	SSF x Far_LoA	-8,4564546	0,003	0,326
CHR9	21482095	CHR9:21482095	SSF x Far_LoA	-10,6538655	-0,029	0,312
CHR9	21482096	CHR9:21482096	SSF x Far_LoA	-11,5779662	-0,030	0,323
CHR9	21486154	CHR9:21486154	SSF x Far_LoA	-9,00376429	0,017	0,319
CHR9	21486166	CHR9:21486166	SSF x Far_LoA	-8,4388573	0,068	0,304
CHR9	21486170	CHR9:21486170	SSF x Far_LoA	-6,33553636	-0,078	0,312
CHR9	21486175	CHR9:21486175	SSF x Far_LoA	-6,52103912	0,073	0,298
CHR9	21486203	CHR9:21486203	SSF x Far_LoA	-11,0115172	-0,032	0,305
CHR9	2149124	CHR9:2149124	SSF x Far_LoA	-7,93141247	0,145	0,300
CHR9	21498985	CHR9:21498985	SSF x Far_LoA	-9,16816982	-0,070	0,305
CHR9	21498992	CHR9:21498992	SSF x Far_LoA	-10,8010988	-0,080	0,314
CHR9	21499024	CHR9:21499024	SSF x Far_LoA	-9,02289386	-0,091	0,310
CHR9	21499681	CHR9:21499681	SSF x Far_LoA	-9,53179931	-0,055	0,312
CHR9	21499684	CHR9:21499684	SSF x Far_LoA	-7,3298294	-0,053	0,309
CHR9	21500785	CHR9:21500785	SSF x Far_LoA	-9,01383808	0,036	0,313
CHR9	21507888	CHR9:21507888	SSF x Far_LoA	-11,2100714	0,051	0,309
CHR9	21507891	CHR9:21507891	SSF x Far_LoA	-7,92292134	0,111	0,306
CHR9	21507946	CHR9:21507946	SSF x Far_LoA	-6,28134021	-0,035	0,288
CHR9	21507963	CHR9:21507963	SSF x Far_LoA	-9,21860023	0,072	0,311
CHR9	21507986	CHR9:21507986	SSF x Far_LoA	-7,08820308	0,077	0,310
CHR9	21517396	CHR9:21517396	SSF x Far_LoA	-8,0688656	-0,022	0,307
CHR9	21539184	CHR9:21539184	SSF x Far_LoA	-5,84300071	-0,069	0,307
CHR9	21539230	CHR9:21539230	SSF x Far_LoA	-7,94453791	-0,001	0,304
CHR9	21539292	CHR9:21539292	SSF x Far_LoA	-8,81334382	-0,025	0,303
CHR9	21539392	CHR9:21539392	SSF x Far_LoA	-10,2988176	-0,064	0,291
CHR9	21542188	CHR9:21542188	SSF x Far_LoA	-9,54967859	0,027	0,313
CHR9	21542213	CHR9:21542213	SSF x Far_LoA	-11,7959099	0,070	0,312
CHR9	21544988	CHR9:21544988	SSF x Far_LoA	-8,2526267	0,171	0,301
CHR9	2154574	CHR9:2154574	SSF x Far_LoA	-10,1869696	0,023	0,304
CHR9	2154616	CHR9:2154616	SSF x Far_LoA	-7,8499328	-0,160	0,301
CHR9	2154713	CHR9:2154713	SSF x Far_LoA	-6,44230059	-0,033	0,306
CHR9	2154792	CHR9:2154792	SSF x Far_LoA	-9,69315998	-0,032	0,309
CHR9	21550892	CHR9:21550892	SSF x Far_LoA	-9,38620759	-0,125	0,296
CHR9	21551033	CHR9:21551033	SSF x Far_LoA	-10,6302694	0,038	0,317
CHR9	21552313	CHR9:21552313	SSF x Far_LoA	-9,3807289	-0,114	0,302
CHR9	21559532	CHR9:21559532	SSF x Far_LoA	-9,750736	-0,057	0,308
CHR9	21559535	CHR9:21559535	SSF x Far_LoA	-9,59847675	-0,039	0,298
CHR9	21559554	CHR9:21559554	SSF x Far_LoA	-8,94151164	-0,055	0,297
CHR9	21559571	CHR9:21559571	SSF x Far_LoA	-6,40210692	-0,122	0,303
CHR9	21559626	CHR9:21559626	SSF x Far_LoA	-8,9926813	-0,026	0,306
CHR9	21559635	CHR9:21559635	SSF x Far_LoA	-10,0075747	0,014	0,308
CHR9	21559636	CHR9:21559636	SSF x Far_LoA	-9,9769704	-0,019	0,316
CHR9	21559681	CHR9:21559681	SSF x Far_LoA	-8,62004655	0,053	0,307
CHR9	21559685	CHR9:21559685	SSF x Far_LoA	-3,2994801	0,091	0,319
CHR9	21559706	CHR9:21559706	SSF x Far_LoA	-9,16598244	0,037	0,311
CHR9	21559708	CHR9:21559708	SSF x Far_LoA	-8,3752871	0,016	0,317
CHR9	21559722	CHR9:21559722	SSF x Far_LoA	-11,3646587	-0,015	0,295

CHR9	21559738	CHR9:21559738	SSF x Far_LoA	-8,72660354	-0,029	0,303
CHR9	21559747	CHR9:21559747	SSF x Far_LoA	-10,1539546	0,142	0,300
CHR9	21561376	CHR9:21561376	SSF x Far_LoA	-11,0057581	-0,103	0,311
CHR9	21561404	CHR9:21561404	SSF x Far_LoA	-8,98760484	0,042	0,297
CHR9	21561429	CHR9:21561429	SSF x Far_LoA	-9,12043049	-0,030	0,304
CHR9	21561438	CHR9:21561438	SSF x Far_LoA	-9,20641812	-0,085	0,311
CHR9	21561521	CHR9:21561521	SSF x Far_LoA	-6,34720186	0,107	0,299
CHR9	21561524	CHR9:21561524	SSF x Far_LoA	-8,5527941	0,110	0,303
CHR9	21561564	CHR9:21561564	SSF x Far_LoA	-6,44738055	0,133	0,294
CHR9	21571513	CHR9:21571513	SSF x Far_LoA	-6,62447031	-0,131	0,294
CHR9	21571593	CHR9:21571593	SSF x Far_LoA	-10,221774	0,020	0,310
CHR9	21571599	CHR9:21571599	SSF x Far_LoA	-7,4612327	0,064	0,304
CHR9	21579428	CHR9:21579428	SSF x Far_LoA	-10,719497	-0,041	0,305
CHR9	21579457	CHR9:21579457	SSF x Far_LoA	-10,6411634	-0,041	0,316
CHR9	21579675	CHR9:21579675	SSF x Far_LoA	-8,97051538	-0,038	0,313
CHR9	21595055	CHR9:21595055	SSF x Far_LoA	-10,4979241	-0,075	0,297
CHR9	21595916	CHR9:21595916	SSF x Far_LoA	-8,00792074	0,009	0,313
CHR9	21605765	CHR9:21605765	SSF x Far_LoA	-2,11523487	0,175	0,281
CHR9	21620552	CHR9:21620552	SSF x Far_LoA	-10,3483662	0,048	0,308
CHR9	21620692	CHR9:21620692	SSF x Far_LoA	-8,81161596	-0,116	0,303
CHR9	21620828	CHR9:21620828	SSF x Far_LoA	-8,96848039	0,005	0,313
CHR9	2162977	CHR9:2162977	SSF x Far_LoA	-9,6273899	-0,049	0,302
CHR9	21640194	CHR9:21640194	SSF x Far_LoA	-7,71109037	0,053	0,308
CHR9	21645992	CHR9:21645992	SSF x Far_LoA	-9,81166651	0,048	0,317
CHR9	21646028	CHR9:21646028	SSF x Far_LoA	-11,7111432	0,057	0,311
CHR9	21646067	CHR9:21646067	SSF x Far_LoA	-10,094689	-0,002	0,319
CHR9	21646080	CHR9:21646080	SSF x Far_LoA	-9,37773172	0,093	0,293
CHR9	21646082	CHR9:21646082	SSF x Far_LoA	-9,69817587	0,059	0,301
CHR9	2164636	CHR9:2164636	SSF x Far_LoA	-9,72508848	0,014	0,310
CHR9	2164652	CHR9:2164652	SSF x Far_LoA	-10,1257016	-0,001	0,304
CHR9	21648244	CHR9:21648244	SSF x Far_LoA	-2,58425892	0,057	0,316
CHR9	21648252	CHR9:21648252	SSF x Far_LoA	-0,76307536	0,089	0,291
CHR9	21648525	CHR9:21648525	SSF x Far_LoA	-9,74278312	-0,020	0,313
CHR9	21651987	CHR9:21651987	SSF x Far_LoA	-9,31867653	-0,071	0,318
CHR9	21652210	CHR9:21652210	SSF x Far_LoA	-9,92058911	-0,025	0,311
CHR9	21655140	CHR9:21655140	SSF x Far_LoA	-9,10716128	-0,030	0,296
CHR9	21655141	CHR9:21655141	SSF x Far_LoA	-9,9109076	-0,095	0,309
CHR9	21655225	CHR9:21655225	SSF x Far_LoA	-8,19584132	0,083	0,307
CHR9	21655317	CHR9:21655317	SSF x Far_LoA	-6,86036064	0,160	0,298
CHR9	21658325	CHR9:21658325	SSF x Far_LoA	-8,04296661	-0,075	0,306
CHR9	21663234	CHR9:21663234	SSF x Far_LoA	-9,69369565	-0,062	0,299
CHR9	21663304	CHR9:21663304	SSF x Far_LoA	-10,5596981	-0,006	0,309
CHR9	21663306	CHR9:21663306	SSF x Far_LoA	-10,6825122	0,047	0,301
CHR9	21663354	CHR9:21663354	SSF x Far_LoA	-8,26296825	0,057	0,315
CHR9	21666839	CHR9:21666839	SSF x Far_LoA	-8,65775194	0,074	0,301
CHR9	21666844	CHR9:21666844	SSF x Far_LoA	-10,2579411	0,096	0,297
CHR9	21666880	CHR9:21666880	SSF x Far_LoA	-8,94133227	-0,053	0,299
CHR9	21666883	CHR9:21666883	SSF x Far_LoA	-7,87598985	-0,077	0,308
CHR9	21666888	CHR9:21666888	SSF x Far_LoA	-10,1708898	-0,151	0,282
CHR9	2167355	CHR9:2167355	SSF x Far_LoA	-6,86911138	0,130	0,293
CHR9	21679161	CHR9:21679161	SSF x Far_LoA	-8,7800871	-0,063	0,322
CHR9	21679190	CHR9:21679190	SSF x Far_LoA	-7,54013867	-0,060	0,312
CHR9	21679227	CHR9:21679227	SSF x Far_LoA	-9,43014292	0,018	0,296

CHR9	21679324	CHR9:21679324	SSF x Far_LoA	-6,66785529	0,204	0,294
CHR9	21679354	CHR9:21679354	SSF x Far_LoA	-6,84722735	0,205	0,292
CHR9	21679371	CHR9:21679371	SSF x Far_LoA	-10,3524643	-0,032	0,295
CHR9	21688033	CHR9:21688033	SSF x Far_LoA	-9,05559271	0,120	0,307
CHR9	21688043	CHR9:21688043	SSF x Far_LoA	-7,40151807	0,009	0,305
CHR9	21688045	CHR9:21688045	SSF x Far_LoA	-6,35528358	0,043	0,289
CHR9	21688056	CHR9:21688056	SSF x Far_LoA	-9,36763826	-0,043	0,306
CHR9	21697379	CHR9:21697379	SSF x Far_LoA	-6,7137218	-0,164	0,295
CHR9	21697427	CHR9:21697427	SSF x Far_LoA	-7,93921163	-0,076	0,309
CHR9	21697459	CHR9:21697459	SSF x Far_LoA	-11,3454981	0,007	0,289
CHR9	21697466	CHR9:21697466	SSF x Far_LoA	-10,1523709	0,044	0,298
CHR9	21697467	CHR9:21697467	SSF x Far_LoA	-9,87432274	-0,056	0,311
CHR9	21714222	CHR9:21714222	SSF x Far_LoA	-7,94267402	-0,074	0,314
CHR9	21714232	CHR9:21714232	SSF x Far_LoA	-8,16650984	-0,019	0,303
CHR9	21714506	CHR9:21714506	SSF x Far_LoA	-11,0373414	0,015	0,319
CHR9	21728489	CHR9:21728489	SSF x Far_LoA	-10,3717072	0,058	0,299
CHR9	21728554	CHR9:21728554	SSF x Far_LoA	-8,9917517	0,057	0,301
CHR9	21728565	CHR9:21728565	SSF x Far_LoA	-5,47410067	-0,085	0,299
CHR9	21728598	CHR9:21728598	SSF x Far_LoA	-7,92708249	-0,081	0,304
CHR9	21728612	CHR9:21728612	SSF x Far_LoA	-6,56545154	-0,095	0,293
CHR9	21730091	CHR9:21730091	SSF x Far_LoA	-10,2824234	0,012	0,297
CHR9	21730092	CHR9:21730092	SSF x Far_LoA	-6,2991852	-0,027	0,322
CHR9	21731317	CHR9:21731317	SSF x Far_LoA	-10,2507767	0,085	0,292
CHR9	21732373	CHR9:21732373	SSF x Far_LoA	-7,32801826	0,177	0,295
CHR9	21732457	CHR9:21732457	SSF x Far_LoA	-11,0240414	-0,118	0,289
CHR9	21732461	CHR9:21732461	SSF x Far_LoA	-10,7986672	-0,029	0,302
CHR9	21732471	CHR9:21732471	SSF x Far_LoA	-9,27852561	0,073	0,312
CHR9	21750087	CHR9:21750087	SSF x Far_LoA	-10,0907844	0,034	0,299
CHR9	2175290	CHR9:2175290	SSF x Far_LoA	-8,32324869	0,063	0,310
CHR9	21754417	CHR9:21754417	SSF x Far_LoA	-10,3476598	-0,085	0,306
CHR9	21754473	CHR9:21754473	SSF x Far_LoA	-7,57116125	-0,021	0,307
CHR9	21754512	CHR9:21754512	SSF x Far_LoA	-11,8965453	-0,032	0,306
CHR9	21754560	CHR9:21754560	SSF x Far_LoA	-8,56740103	0,047	0,319
CHR9	21754578	CHR9:21754578	SSF x Far_LoA	-9,60180406	-0,111	0,309
CHR9	21754640	CHR9:21754640	SSF x Far_LoA	-10,1352196	0,007	0,313
CHR9	21755684	CHR9:21755684	SSF x Far_LoA	-7,93838435	0,163	0,298
CHR9	21755687	CHR9:21755687	SSF x Far_LoA	-11,6395326	-0,088	0,305
CHR9	21762072	CHR9:21762072	SSF x Far_LoA	12,408861	0,238	0,288
CHR9	21762129	CHR9:21762129	SSF x Far_LoA	-10,3490739	0,080	0,315
CHR9	21767701	CHR9:21767701	SSF x Far_LoA	-8,28521432	-0,129	0,301
CHR9	21767753	CHR9:21767753	SSF x Far_LoA	-8,99051109	0,036	0,306
CHR9	21774163	CHR9:21774163	SSF x Far_LoA	-9,4047854	-0,035	0,300
CHR9	21774343	CHR9:21774343	SSF x Far_LoA	-9,97698795	0,116	0,292
CHR9	21774366	CHR9:21774366	SSF x Far_LoA	-10,1423881	0,004	0,303
CHR9	21774422	CHR9:21774422	SSF x Far_LoA	-8,25961065	0,022	0,300
CHR9	21774424	CHR9:21774424	SSF x Far_LoA	-9,41812762	0,038	0,310
CHR9	21774455	CHR9:21774455	SSF x Far_LoA	-8,42962702	0,115	0,319
CHR9	21775319	CHR9:21775319	SSF x Far_LoA	-3,53063182	-0,122	0,301
CHR9	21775321	CHR9:21775321	SSF x Far_LoA	-8,22225708	-0,075	0,303
CHR9	21775440	CHR9:21775440	SSF x Far_LoA	-10,4786	-0,045	0,329
CHR9	21779176	CHR9:21779176	SSF x Far_LoA	-10,4805507	0,021	0,318
CHR9	21779226	CHR9:21779226	SSF x Far_LoA	-9,14490629	-0,098	0,307
CHR9	21779249	CHR9:21779249	SSF x Far_LoA	-8,41589478	-0,043	0,310

CHR9	21779336	CHR9:21779336	SSF x Far_LoA	-7,26065079	0,135	0,298
CHR9	2178802	CHR9:2178802	SSF x Far_LoA	-7,13111442	0,139	0,294
CHR9	21807477	CHR9:21807477	SSF x Far_LoA	-2,0872829	0,057	0,314
CHR9	21807481	CHR9:21807481	SSF x Far_LoA	-9,99344487	0,006	0,309
CHR9	21807587	CHR9:21807587	SSF x Far_LoA	-8,19064871	-0,040	0,301
CHR9	21818256	CHR9:21818256	SSF x Far_LoA	-10,3081168	0,032	0,319
CHR9	21818264	CHR9:21818264	SSF x Far_LoA	-10,9977763	0,022	0,308
CHR9	21818337	CHR9:21818337	SSF x Far_LoA	-10,7134848	-0,139	0,304
CHR9	21818402	CHR9:21818402	SSF x Far_LoA	-10,6498292	0,044	0,313
CHR9	21824257	CHR9:21824257	SSF x Far_LoA	-9,12288931	-0,129	0,300
CHR9	21829293	CHR9:21829293	SSF x Far_LoA	-8,94486104	-0,047	0,304
CHR9	21838912	CHR9:21838912	SSF x Far_LoA	-10,7069636	-0,057	0,309
CHR9	21838928	CHR9:21838928	SSF x Far_LoA	-7,43639679	-0,106	0,301
CHR9	21843677	CHR9:21843677	SSF x Far_LoA	-10,9424448	0,139	0,298
CHR9	21843691	CHR9:21843691	SSF x Far_LoA	-7,63633018	0,001	0,301
CHR9	21843884	CHR9:21843884	SSF x Far_LoA	-11,9143098	0,035	0,300
CHR9	21845250	CHR9:21845250	SSF x Far_LoA	-7,86019465	-0,068	0,310
CHR9	21845254	CHR9:21845254	SSF x Far_LoA	-8,55232343	0,074	0,309
CHR9	21845309	CHR9:21845309	SSF x Far_LoA	-11,4462334	0,043	0,296
CHR9	21845392	CHR9:21845392	SSF x Far_LoA	-10,5810415	-0,026	0,305
CHR9	21845508	CHR9:21845508	SSF x Far_LoA	-9,45070868	-0,099	0,304
CHR9	21852507	CHR9:21852507	SSF x Far_LoA	-9,85806705	0,010	0,315
CHR9	21852555	CHR9:21852555	SSF x Far_LoA	-10,2098398	0,022	0,306
CHR9	21852556	CHR9:21852556	SSF x Far_LoA	-10,700434	-0,057	0,308
CHR9	21852574	CHR9:21852574	SSF x Far_LoA	-10,1873022	-0,012	0,324
CHR9	21854870	CHR9:21854870	SSF x Far_LoA	-8,99389974	0,033	0,299
CHR9	21854909	CHR9:21854909	SSF x Far_LoA	-8,72065953	-0,025	0,309
CHR9	21854910	CHR9:21854910	SSF x Far_LoA	-9,73831255	-0,064	0,311
CHR9	21855550	CHR9:21855550	SSF x Far_LoA	-7,17533876	0,179	0,296
CHR9	21855596	CHR9:21855596	SSF x Far_LoA	-5,97181791	-0,153	0,282
CHR9	21857366	CHR9:21857366	SSF x Far_LoA	-7,31742432	0,127	0,292
CHR9	2186742	CHR9:2186742	SSF x Far_LoA	-9,77084305	0,012	0,304
CHR9	2186859	CHR9:2186859	SSF x Far_LoA	-10,0692386	0,064	0,299
CHR9	21868803	CHR9:21868803	SSF x Far_LoA	-8,62608055	-0,054	0,289
CHR9	21868826	CHR9:21868826	SSF x Far_LoA	-10,1439679	0,071	0,312
CHR9	21868846	CHR9:21868846	SSF x Far_LoA	-7,06615551	0,125	0,290
CHR9	21868848	CHR9:21868848	SSF x Far_LoA	-8,79189843	-0,035	0,303
CHR9	21868916	CHR9:21868916	SSF x Far_LoA	-9,99895392	0,082	0,324
CHR9	21868969	CHR9:21868969	SSF x Far_LoA	-10,8297984	0,103	0,305
CHR9	21872075	CHR9:21872075	SSF x Far_LoA	-8,81692461	0,132	0,299
CHR9	21881314	CHR9:21881314	SSF x Far_LoA	-8,60666305	0,003	0,307
CHR9	21881322	CHR9:21881322	SSF x Far_LoA	-10,4932762	-0,069	0,305
CHR9	21881331	CHR9:21881331	SSF x Far_LoA	-11,2826899	0,047	0,295
CHR9	21881352	CHR9:21881352	SSF x Far_LoA	-7,63986245	-0,077	0,304
CHR9	21881365	CHR9:21881365	SSF x Far_LoA	-10,088234	0,023	0,306
CHR9	21881413	CHR9:21881413	SSF x Far_LoA	-10,7706055	0,095	0,300
CHR9	21881436	CHR9:21881436	SSF x Far_LoA	-9,13059436	0,086	0,292
CHR9	21881441	CHR9:21881441	SSF x Far_LoA	-8,1476057	0,020	0,322
CHR9	21881460	CHR9:21881460	SSF x Far_LoA	-7,79273499	-0,051	0,309
CHR9	21881465	CHR9:21881465	SSF x Far_LoA	-7,83893377	0,090	0,296
CHR9	21881466	CHR9:21881466	SSF x Far_LoA	-11,8092515	0,059	0,308
CHR9	21881473	CHR9:21881473	SSF x Far_LoA	-8,81326776	-0,088	0,303
CHR9	21881474	CHR9:21881474	SSF x Far_LoA	-10,4311191	-0,064	0,296

CHR9	21881499	CHR9:21881499	SSF x Far_LoA	-9,63712012	-0,138	0,313
CHR9	21881532	CHR9:21881532	SSF x Far_LoA	-8,49839248	-0,149	0,310
CHR9	21881535	CHR9:21881535	SSF x Far_LoA	-10,9466026	-0,078	0,304
CHR9	21889109	CHR9:21889109	SSF x Far_LoA	-9,03944991	0,025	0,305
CHR9	21889119	CHR9:21889119	SSF x Far_LoA	-10,2120679	0,029	0,283
CHR9	21889138	CHR9:21889138	SSF x Far_LoA	-8,76187402	-0,105	0,311
CHR9	21889171	CHR9:21889171	SSF x Far_LoA	-10,9450188	-0,084	0,303
CHR9	21889255	CHR9:21889255	SSF x Far_LoA	-7,54068274	-0,005	0,310
CHR9	21889335	CHR9:21889335	SSF x Far_LoA	-9,04871832	-0,092	0,306
CHR9	21889342	CHR9:21889342	SSF x Far_LoA	-4,71342407	0,022	0,321
CHR9	21897508	CHR9:21897508	SSF x Far_LoA	-9,91065094	0,059	0,297
CHR9	21897673	CHR9:21897673	SSF x Far_LoA	-10,0436239	0,009	0,312
CHR9	2190048	CHR9:2190048	SSF x Far_LoA	-11,9961071	-0,049	0,298
CHR9	2190068	CHR9:2190068	SSF x Far_LoA	-10,7557052	0,052	0,307
CHR9	21901619	CHR9:21901619	SSF x Far_LoA	-7,27231112	-0,136	0,311
CHR9	21901655	CHR9:21901655	SSF x Far_LoA	-9,02577967	-0,075	0,303
CHR9	2190167	CHR9:2190167	SSF x Far_LoA	-7,61761217	0,041	0,311
CHR9	21901717	CHR9:21901717	SSF x Far_LoA	-8,38928314	-0,150	0,307
CHR9	21901880	CHR9:21901880	SSF x Far_LoA	-10,4742679	-0,059	0,320
CHR9	21901927	CHR9:21901927	SSF x Far_LoA	-12,0904473	-0,025	0,305
CHR9	2190282	CHR9:2190282	SSF x Far_LoA	-11,2666	-0,090	0,315
CHR9	21919138	CHR9:21919138	SSF x Far_LoA	-3,51390525	-0,067	0,303
CHR9	21919143	CHR9:21919143	SSF x Far_LoA	-9,54356969	-0,012	0,313
CHR9	21919181	CHR9:21919181	SSF x Far_LoA	-9,49031492	0,046	0,312
CHR9	21919197	CHR9:21919197	SSF x Far_LoA	-7,50954204	-0,038	0,315
CHR9	21919205	CHR9:21919205	SSF x Far_LoA	-9,76727981	-0,080	0,317
CHR9	21919266	CHR9:21919266	SSF x Far_LoA	-8,83941402	0,007	0,288
CHR9	21919269	CHR9:21919269	SSF x Far_LoA	-9,4022671	0,078	0,300
CHR9	21919306	CHR9:21919306	SSF x Far_LoA	-9,26983675	-0,058	0,304
CHR9	21940974	CHR9:21940974	SSF x Far_LoA	-8,88798369	0,114	0,307
CHR9	21941288	CHR9:21941288	SSF x Far_LoA	-9,75751468	-0,083	0,314
CHR9	21941355	CHR9:21941355	SSF x Far_LoA	-11,2247001	-0,031	0,320
CHR9	21960029	CHR9:21960029	SSF x Far_LoA	-7,31119534	-0,081	0,312
CHR9	21960030	CHR9:21960030	SSF x Far_LoA	-9,32674603	-0,051	0,311
CHR9	21960031	CHR9:21960031	SSF x Far_LoA	-9,21959968	-0,112	0,297
CHR9	21961954	CHR9:21961954	SSF x Far_LoA	-6,91382826	0,101	0,310
CHR9	21973225	CHR9:21973225	SSF x Far_LoA	-8,33316743	0,119	0,307
CHR9	21973274	CHR9:21973274	SSF x Far_LoA	-8,19797567	0,056	0,295
CHR9	21976789	CHR9:21976789	SSF x Far_LoA	-10,1088517	0,112	0,295
CHR9	21976794	CHR9:21976794	SSF x Far_LoA	-9,30172993	0,112	0,311
CHR9	21976834	CHR9:21976834	SSF x Far_LoA	-9,43773527	-0,074	0,287
CHR9	21976869	CHR9:21976869	SSF x Far_LoA	-9,70404623	-0,011	0,303
CHR9	21976905	CHR9:21976905	SSF x Far_LoA	-8,98814055	0,011	0,301
CHR9	21976913	CHR9:21976913	SSF x Far_LoA	-9,72139892	0,029	0,297
CHR9	21976932	CHR9:21976932	SSF x Far_LoA	-7,44586394	0,014	0,320
CHR9	21976947	CHR9:21976947	SSF x Far_LoA	-8,13422094	0,062	0,296
CHR9	21976948	CHR9:21976948	SSF x Far_LoA	-7,45941711	0,054	0,307
CHR9	21979585	CHR9:21979585	SSF x Far_LoA	-5,83382294	0,075	0,308
CHR9	21979618	CHR9:21979618	SSF x Far_LoA	-9,0893594	-0,138	0,301
CHR9	21979626	CHR9:21979626	SSF x Far_LoA	-4,41285747	-0,151	0,295
CHR9	21989368	CHR9:21989368	SSF x Far_LoA	-9,84783112	0,067	0,305
CHR9	21989489	CHR9:21989489	SSF x Far_LoA	-8,50512779	0,079	0,296
CHR9	21989497	CHR9:21989497	SSF x Far_LoA	-8,45103319	-0,084	0,299

CHR9	21998437	CHR9:21998437	SSF x Far_LoA	-10,8049393	0,049	0,313
CHR9	21998465	CHR9:21998465	SSF x Far_LoA	-7,57864118	0,062	0,314
CHR9	21998499	CHR9:21998499	SSF x Far_LoA	-8,57908829	-0,100	0,301
CHR9	21998540	CHR9:21998540	SSF x Far_LoA	-6,2992512	0,059	0,309
CHR9	21998542	CHR9:21998542	SSF x Far_LoA	-12,0062171	-0,039	0,296
CHR9	21998589	CHR9:21998589	SSF x Far_LoA	-11,4878589	-0,055	0,303
CHR9	21998630	CHR9:21998630	SSF x Far_LoA	-7,82709531	-0,043	0,312
CHR9	21998632	CHR9:21998632	SSF x Far_LoA	-7,87300184	-0,039	0,319
CHR9	21998634	CHR9:21998634	SSF x Far_LoA	-8,79881634	-0,027	0,302
CHR9	21998666	CHR9:21998666	SSF x Far_LoA	-8,03926786	0,147	0,307
CHR9	21998676	CHR9:21998676	SSF x Far_LoA	-9,02664159	-0,010	0,305
CHR9	21998680	CHR9:21998680	SSF x Far_LoA	-10,2555854	0,104	0,293
CHR9	21998681	CHR9:21998681	SSF x Far_LoA	-10,8465152	0,026	0,297
CHR9	21998726	CHR9:21998726	SSF x Far_LoA	-4,24126623	-0,011	0,295
CHR9	21998755	CHR9:21998755	SSF x Far_LoA	-12,6737625	-0,044	0,300
CHR9	22012884	CHR9:22012884	SSF x Far_LoA	-9,08727356	0,022	0,315
CHR9	22015939	CHR9:22015939	SSF x Far_LoA	-9,59059673	0,053	0,297
CHR9	22015964	CHR9:22015964	SSF x Far_LoA	-6,98986365	-0,071	0,299
CHR9	22016013	CHR9:22016013	SSF x Far_LoA	-11,1000347	-0,024	0,294
CHR9	22017154	CHR9:22017154	SSF x Far_LoA	-10,1547742	-0,042	0,305
CHR9	22017189	CHR9:22017189	SSF x Far_LoA	-9,54651577	-0,002	0,300
CHR9	22018232	CHR9:22018232	SSF x Far_LoA	-8,18172138	0,091	0,319
CHR9	22018263	CHR9:22018263	SSF x Far_LoA	-11,262423	0,088	0,305
CHR9	22018264	CHR9:22018264	SSF x Far_LoA	-11,1016906	0,086	0,302
CHR9	22018272	CHR9:22018272	SSF x Far_LoA	-5,88314183	-0,180	0,300
CHR9	22018331	CHR9:22018331	SSF x Far_LoA	-4,47353031	0,012	0,294
CHR9	22023246	CHR9:22023246	SSF x Far_LoA	-10,3406965	-0,079	0,307
CHR9	22023303	CHR9:22023303	SSF x Far_LoA	-10,4776214	-0,094	0,316
CHR9	2202394	CHR9:2202394	SSF x Far_LoA	-9,5246377	-0,023	0,299
CHR9	2202471	CHR9:2202471	SSF x Far_LoA	-9,44619768	-0,003	0,314
CHR9	2202512	CHR9:2202512	SSF x Far_LoA	-8,14739883	0,073	0,306
CHR9	2202513	CHR9:2202513	SSF x Far_LoA	-8,50506189	0,081	0,301
CHR9	2202519	CHR9:2202519	SSF x Far_LoA	-10,6181966	0,020	0,310
CHR9	2202540	CHR9:2202540	SSF x Far_LoA	-9,38506373	-0,002	0,302
CHR9	22029601	CHR9:22029601	SSF x Far_LoA	-8,51416801	0,033	0,311
CHR9	22029604	CHR9:22029604	SSF x Far_LoA	-7,31880032	0,097	0,308
CHR9	22029665	CHR9:22029665	SSF x Far_LoA	-10,380973	0,101	0,305
CHR9	22031178	CHR9:22031178	SSF x Far_LoA	-10,4301886	0,027	0,315
CHR9	22036042	CHR9:22036042	SSF x Far_LoA	-7,73606896	0,015	0,314
CHR9	22036044	CHR9:22036044	SSF x Far_LoA	-12,1848286	0,005	0,307
CHR9	22036178	CHR9:22036178	SSF x Far_LoA	-8,62542076	-0,056	0,308
CHR9	22036195	CHR9:22036195	SSF x Far_LoA	-8,95294267	-0,059	0,314
CHR9	22048916	CHR9:22048916	SSF x Far_LoA	-5,53414944	-0,150	0,318
CHR9	22049273	CHR9:22049273	SSF x Far_LoA	-8,86653751	-0,049	0,312
CHR9	22053605	CHR9:22053605	SSF x Far_LoA	-9,35231208	-0,118	0,314
CHR9	22053607	CHR9:22053607	SSF x Far_LoA	-9,0403061	-0,217	0,293
CHR9	22061720	CHR9:22061720	SSF x Far_LoA	-1,55467505	0,036	0,299
CHR9	22064756	CHR9:22064756	SSF x Far_LoA	-7,75136368	-0,064	0,320
CHR9	22064810	CHR9:22064810	SSF x Far_LoA	-7,78984566	-0,020	0,298
CHR9	22064987	CHR9:22064987	SSF x Far_LoA	-9,32719244	-0,090	0,308
CHR9	22070357	CHR9:22070357	SSF x Far_LoA	-9,34220234	-0,004	0,296
CHR9	22070419	CHR9:22070419	SSF x Far_LoA	-10,3232063	-0,065	0,319
CHR9	22070465	CHR9:22070465	SSF x Far_LoA	-6,11482008	0,001	0,300

CHR9	22070524	CHR9:22070524	SSF x Far_LoA	-3,56003514	0,128	0,304
CHR9	22070594	CHR9:22070594	SSF x Far_LoA	-10,6690554	0,062	0,300
CHR9	22070660	CHR9:22070660	SSF x Far_LoA	-10,1594223	0,144	0,305
CHR9	22070674	CHR9:22070674	SSF x Far_LoA	-8,51011941	0,020	0,303
CHR9	22070730	CHR9:22070730	SSF x Far_LoA	-9,41572919	-0,005	0,311
CHR9	22082899	CHR9:22082899	SSF x Far_LoA	-11,228539	-0,017	0,303
CHR9	22083852	CHR9:22083852	SSF x Far_LoA	-11,7239539	0,007	0,299
CHR9	22086217	CHR9:22086217	SSF x Far_LoA	-8,66039755	0,035	0,312
CHR9	22088176	CHR9:22088176	SSF x Far_LoA	-10,7318142	-0,139	0,290
CHR9	22097618	CHR9:22097618	SSF x Far_LoA	-11,4206351	0,034	0,306
CHR9	22097626	CHR9:22097626	SSF x Far_LoA	-6,5855708	-0,128	0,319
CHR9	22097648	CHR9:22097648	SSF x Far_LoA	-9,29825132	0,082	0,305
CHR9	2209825	CHR9:2209825	SSF x Far_LoA	-9,52689766	-0,029	0,308
CHR9	2209832	CHR9:2209832	SSF x Far_LoA	-8,33668439	-0,025	0,298
CHR9	2209896	CHR9:2209896	SSF x Far_LoA	-9,29185534	-0,053	0,307
CHR9	2209914	CHR9:2209914	SSF x Far_LoA	-10,9249496	-0,007	0,316
CHR9	2209915	CHR9:2209915	SSF x Far_LoA	-10,6235651	-0,017	0,317
CHR9	2210021	CHR9:2210021	SSF x Far_LoA	-9,36069863	-0,078	0,313
CHR9	22105354	CHR9:22105354	SSF x Far_LoA	-9,91425106	0,009	0,319
CHR9	22115064	CHR9:22115064	SSF x Far_LoA	-9,86858983	0,026	0,312
CHR9	22115235	CHR9:22115235	SSF x Far_LoA	-6,89230595	0,105	0,301
CHR9	22115380	CHR9:22115380	SSF x Far_LoA	-6,19976471	-0,186	0,297
CHR9	2211668	CHR9:2211668	SSF x Far_LoA	-2,52702278	-0,126	0,305
CHR9	22123139	CHR9:22123139	SSF x Far_LoA	-7,79213291	0,076	0,294
CHR9	22123158	CHR9:22123158	SSF x Far_LoA	-10,6149288	-0,062	0,305
CHR9	22123282	CHR9:22123282	SSF x Far_LoA	-9,64471232	0,024	0,299
CHR9	22124342	CHR9:22124342	SSF x Far_LoA	-9,67553879	0,074	0,315
CHR9	22124383	CHR9:22124383	SSF x Far_LoA	-7,16526015	0,086	0,314
CHR9	22126087	CHR9:22126087	SSF x Far_LoA	-9,81559206	-0,054	0,295
CHR9	22126116	CHR9:22126116	SSF x Far_LoA	-10,2894102	0,002	0,317
CHR9	22126180	CHR9:22126180	SSF x Far_LoA	-9,60242569	0,013	0,314
CHR9	22126335	CHR9:22126335	SSF x Far_LoA	-11,494354	0,058	0,307
CHR9	22131560	CHR9:22131560	SSF x Far_LoA	-10,6848491	-0,020	0,303
CHR9	22133310	CHR9:22133310	SSF x Far_LoA	-9,3463392	0,062	0,311
CHR9	22143584	CHR9:22143584	SSF x Far_LoA	-8,60176333	0,072	0,301
CHR9	22146168	CHR9:22146168	SSF x Far_LoA	-8,71865376	0,097	0,305
CHR9	22146289	CHR9:22146289	SSF x Far_LoA	-8,76998994	-0,132	0,298
CHR9	22147473	CHR9:22147473	SSF x Far_LoA	-8,16184255	-0,012	0,322
CHR9	22147476	CHR9:22147476	SSF x Far_LoA	-11,5170338	-0,051	0,314
CHR9	22147656	CHR9:22147656	SSF x Far_LoA	-7,23493588	-0,097	0,282
CHR9	22147667	CHR9:22147667	SSF x Far_LoA	-1,00118384	-0,023	0,304
CHR9	22147694	CHR9:22147694	SSF x Far_LoA	-9,653448	-0,037	0,313
CHR9	22153505	CHR9:22153505	SSF x Far_LoA	-9,99009959	0,037	0,310
CHR9	22153526	CHR9:22153526	SSF x Far_LoA	-9,78730759	0,072	0,315
CHR9	22153838	CHR9:22153838	SSF x Far_LoA	-5,14112095	0,150	0,306
CHR9	22157989	CHR9:22157989	SSF x Far_LoA	-10,7387208	-0,055	0,306
CHR9	22158009	CHR9:22158009	SSF x Far_LoA	-9,49602746	0,070	0,309
CHR9	22160166	CHR9:22160166	SSF x Far_LoA	-9,52450629	-0,151	0,312
CHR9	22160204	CHR9:22160204	SSF x Far_LoA	-10,9317229	-0,074	0,300
CHR9	22162097	CHR9:22162097	SSF x Far_LoA	-8,3870935	0,049	0,319
CHR9	22162126	CHR9:22162126	SSF x Far_LoA	-10,3517283	-0,055	0,324
CHR9	22162160	CHR9:22162160	SSF x Far_LoA	-8,24505091	-0,031	0,316
CHR9	22162175	CHR9:22162175	SSF x Far_LoA	-9,2073024	-0,043	0,295

CHR9	22162179	CHR9:22162179	SSF x Far_LoA	-9,94198019	-0,053	0,304
CHR9	22162940	CHR9:22162940	SSF x Far_LoA	-10,0460372	-0,002	0,310
CHR9	22165039	CHR9:22165039	SSF x Far_LoA	-8,4357841	0,055	0,310
CHR9	22165041	CHR9:22165041	SSF x Far_LoA	-8,4484539	0,027	0,317
CHR9	22165097	CHR9:22165097	SSF x Far_LoA	-9,00503127	-0,069	0,312
CHR9	22165109	CHR9:22165109	SSF x Far_LoA	-8,89459619	-0,036	0,302
CHR9	22165136	CHR9:22165136	SSF x Far_LoA	-9,24117296	-0,145	0,311
CHR9	22165160	CHR9:22165160	SSF x Far_LoA	-8,84053233	-0,098	0,303
CHR9	22165173	CHR9:22165173	SSF x Far_LoA	-7,90560818	-0,099	0,312
CHR9	22171912	CHR9:22171912	SSF x Far_LoA	-9,02222997	0,083	0,306
CHR9	22171941	CHR9:22171941	SSF x Far_LoA	-9,43127877	-0,012	0,299
CHR9	22172062	CHR9:22172062	SSF x Far_LoA	-8,28682117	0,033	0,305
CHR9	22174627	CHR9:22174627	SSF x Far_LoA	-7,7963404	-0,128	0,300
CHR9	22174628	CHR9:22174628	SSF x Far_LoA	-7,97868501	-0,107	0,299
CHR9	22174633	CHR9:22174633	SSF x Far_LoA	-6,57557979	-0,173	0,299
CHR9	22175815	CHR9:22175815	SSF x Far_LoA	-8,68042431	0,048	0,290
CHR9	22175824	CHR9:22175824	SSF x Far_LoA	-8,69130492	0,096	0,307
CHR9	22175893	CHR9:22175893	SSF x Far_LoA	-9,30142504	0,177	0,300
CHR9	22175900	CHR9:22175900	SSF x Far_LoA	-5,47560828	-0,185	0,285
CHR9	22175946	CHR9:22175946	SSF x Far_LoA	-4,8612763	-0,026	0,305
CHR9	22175980	CHR9:22175980	SSF x Far_LoA	-9,29227238	-0,064	0,305
CHR9	22175981	CHR9:22175981	SSF x Far_LoA	-10,5282802	0,007	0,314
CHR9	22175992	CHR9:22175992	SSF x Far_LoA	-10,395099	-0,081	0,306
CHR9	22178906	CHR9:22178906	SSF x Far_LoA	-10,6754333	-0,005	0,312
CHR9	22180949	CHR9:22180949	SSF x Far_LoA	-10,198139	0,043	0,316
CHR9	22182238	CHR9:22182238	SSF x Far_LoA	-7,18558424	0,004	0,321
CHR9	22182299	CHR9:22182299	SSF x Far_LoA	-8,93957301	0,077	0,298
CHR9	22182350	CHR9:22182350	SSF x Far_LoA	-8,44811204	-0,045	0,308
CHR9	22182367	CHR9:22182367	SSF x Far_LoA	-10,1702106	0,075	0,308
CHR9	22184420	CHR9:22184420	SSF x Far_LoA	-4,08466872	0,020	0,324
CHR9	22184440	CHR9:22184440	SSF x Far_LoA	-11,1004277	-0,061	0,282
CHR9	22184474	CHR9:22184474	SSF x Far_LoA	-8,71377828	0,079	0,302
CHR9	22184505	CHR9:22184505	SSF x Far_LoA	-8,50968979	0,107	0,296
CHR9	22184544	CHR9:22184544	SSF x Far_LoA	-10,7078655	-0,029	0,298
CHR9	22184550	CHR9:22184550	SSF x Far_LoA	-10,4434847	-0,042	0,305
CHR9	22196646	CHR9:22196646	SSF x Far_LoA	-11,7446456	-0,072	0,307
CHR9	22196677	CHR9:22196677	SSF x Far_LoA	-11,5771952	0,015	0,307
CHR9	22203679	CHR9:22203679	SSF x Far_LoA	-6,72995983	0,047	0,310
CHR9	22204368	CHR9:22204368	SSF x Far_LoA	-8,06690738	0,108	0,317
CHR9	22204397	CHR9:22204397	SSF x Far_LoA	-11,3051588	0,059	0,311
CHR9	22204485	CHR9:22204485	SSF x Far_LoA	-10,3534702	-0,013	0,298
CHR9	22207209	CHR9:22207209	SSF x Far_LoA	-5,41744404	0,174	0,298
CHR9	22207211	CHR9:22207211	SSF x Far_LoA	2,20499581	0,171	0,297
CHR9	22207305	CHR9:22207305	SSF x Far_LoA	-10,6709161	-0,099	0,320
CHR9	22215217	CHR9:22215217	SSF x Far_LoA	-8,16491457	-0,121	0,315
CHR9	22215232	CHR9:22215232	SSF x Far_LoA	-6,89104084	-0,055	0,313
CHR9	22215949	CHR9:22215949	SSF x Far_LoA	-7,92617001	0,034	0,313
CHR9	22215974	CHR9:22215974	SSF x Far_LoA	-8,7637785	0,062	0,311
CHR9	22215977	CHR9:22215977	SSF x Far_LoA	-6,21208536	-0,071	0,308
CHR9	22216039	CHR9:22216039	SSF x Far_LoA	-11,5321149	-0,020	0,300
CHR9	22223168	CHR9:22223168	SSF x Far_LoA	-7,50798405	0,204	0,302
CHR9	22223246	CHR9:22223246	SSF x Far_LoA	-7,91214517	0,097	0,302
CHR9	22232789	CHR9:22232789	SSF x Far_LoA	-10,3285981	-0,164	0,299

CHR9	22232965	CHR9:22232965	SSF x Far_LoA	-11,2705266	-0,047	0,294
CHR9	22233049	CHR9:22233049	SSF x Far_LoA	-7,82573231	0,103	0,302
CHR9	22233096	CHR9:22233096	SSF x Far_LoA	-9,87772439	0,064	0,304
CHR9	22233115	CHR9:22233115	SSF x Far_LoA	-9,73248176	0,121	0,302
CHR9	22236598	CHR9:22236598	SSF x Far_LoA	-12,5989193	0,026	0,296
CHR9	22239397	CHR9:22239397	SSF x Far_LoA	-10,4690138	-0,009	0,305
CHR9	22239424	CHR9:22239424	SSF x Far_LoA	-8,99638514	0,030	0,316
CHR9	22243486	CHR9:22243486	SSF x Far_LoA	-8,11509895	0,094	0,302
CHR9	22247698	CHR9:22247698	SSF x Far_LoA	-8,30037278	-0,037	0,308
CHR9	22251717	CHR9:22251717	SSF x Far_LoA	-8,11675905	0,067	0,315
CHR9	22251738	CHR9:22251738	SSF x Far_LoA	-9,43151099	0,095	0,296
CHR9	22251746	CHR9:22251746	SSF x Far_LoA	-9,66896883	0,037	0,307
CHR9	22251747	CHR9:22251747	SSF x Far_LoA	-7,64151351	0,073	0,288
CHR9	22260861	CHR9:22260861	SSF x Far_LoA	-7,87563124	0,002	0,307
CHR9	22260869	CHR9:22260869	SSF x Far_LoA	-12,2157708	-0,021	0,305
CHR9	22266130	CHR9:22266130	SSF x Far_LoA	-9,33819408	0,133	0,287
CHR9	22266132	CHR9:22266132	SSF x Far_LoA	-7,1293973	0,117	0,302
CHR9	22266136	CHR9:22266136	SSF x Far_LoA	-8,65694181	-0,147	0,304
CHR9	22266141	CHR9:22266141	SSF x Far_LoA	-9,54608956	0,000	0,293
CHR9	22266209	CHR9:22266209	SSF x Far_LoA	-6,85327789	0,120	0,301
CHR9	2227094	CHR9:2227094	SSF x Far_LoA	-11,36199	-0,024	0,301
CHR9	22271351	CHR9:22271351	SSF x Far_LoA	-1,89305155	0,179	0,316
CHR9	22271354	CHR9:22271354	SSF x Far_LoA	-9,59285957	-0,161	0,298
CHR9	22271416	CHR9:22271416	SSF x Far_LoA	-9,90293346	0,022	0,299
CHR9	22271476	CHR9:22271476	SSF x Far_LoA	-8,15908021	0,084	0,306
CHR9	22271502	CHR9:22271502	SSF x Far_LoA	-9,84272833	0,099	0,307
CHR9	22271522	CHR9:22271522	SSF x Far_LoA	-8,82309298	0,034	0,301
CHR9	22279198	CHR9:22279198	SSF x Far_LoA	-8,25997275	-0,029	0,290
CHR9	22280319	CHR9:22280319	SSF x Far_LoA	-9,91660554	0,043	0,308
CHR9	22280334	CHR9:22280334	SSF x Far_LoA	-11,0072694	-0,113	0,294
CHR9	2228060	CHR9:2228060	SSF x Far_LoA	-10,4377069	-0,126	0,308
CHR9	2228099	CHR9:2228099	SSF x Far_LoA	-10,1082975	0,061	0,310
CHR9	2228214	CHR9:2228214	SSF x Far_LoA	-11,6186475	-0,031	0,308
CHR9	22286106	CHR9:22286106	SSF x Far_LoA	-9,79192527	-0,041	0,311
CHR9	22296282	CHR9:22296282	SSF x Far_LoA	-10,4644459	-0,138	0,301
CHR9	22300003	CHR9:22300003	SSF x Far_LoA	-8,61974346	-0,052	0,304
CHR9	22300026	CHR9:22300026	SSF x Far_LoA	-8,65455484	0,145	0,298
CHR9	22300031	CHR9:22300031	SSF x Far_LoA	-3,06853726	0,214	0,298
CHR9	22300107	CHR9:22300107	SSF x Far_LoA	-10,4209355	0,148	0,297
CHR9	22311017	CHR9:22311017	SSF x Far_LoA	-10,5110897	-0,087	0,292
CHR9	22312028	CHR9:22312028	SSF x Far_LoA	-9,40416306	-0,003	0,316
CHR9	2232897	CHR9:2232897	SSF x Far_LoA	-7,92673571	0,015	0,311
CHR9	2232908	CHR9:2232908	SSF x Far_LoA	-9,57004716	-0,020	0,322
CHR9	2232962	CHR9:2232962	SSF x Far_LoA	-8,55583412	0,050	0,315
CHR9	2232980	CHR9:2232980	SSF x Far_LoA	-9,19632816	0,091	0,309
CHR9	2232981	CHR9:2232981	SSF x Far_LoA	-7,62145643	0,070	0,319
CHR9	22340071	CHR9:22340071	SSF x Far_LoA	-7,61378802	0,089	0,302
CHR9	22340087	CHR9:22340087	SSF x Far_LoA	-9,65712513	-0,009	0,304
CHR9	2234037	CHR9:2234037	SSF x Far_LoA	-10,6164338	0,062	0,306
CHR9	22352286	CHR9:22352286	SSF x Far_LoA	-7,73579607	-0,057	0,314
CHR9	22352378	CHR9:22352378	SSF x Far_LoA	-10,5286759	0,002	0,303
CHR9	22352423	CHR9:22352423	SSF x Far_LoA	-8,61928501	-0,037	0,319
CHR9	22352440	CHR9:22352440	SSF x Far_LoA	-10,243182	-0,074	0,312

CHR9	22352453	CHR9:22352453	SSF x Far_LoA	-10,2761752	-0,074	0,301
CHR9	22352491	CHR9:22352491	SSF x Far_LoA	-8,33593872	-0,005	0,307
CHR9	22363479	CHR9:22363479	SSF x Far_LoA	-9,86866399	-0,052	0,315
CHR9	22369242	CHR9:22369242	SSF x Far_LoA	-7,37674384	0,120	0,296
CHR9	22369283	CHR9:22369283	SSF x Far_LoA	-11,9422802	0,005	0,306
CHR9	22369332	CHR9:22369332	SSF x Far_LoA	-9,74938644	-0,104	0,303
CHR9	22371073	CHR9:22371073	SSF x Far_LoA	-9,23604623	-0,089	0,303
CHR9	22371171	CHR9:22371171	SSF x Far_LoA	-8,77904835	-0,115	0,291
CHR9	22378904	CHR9:22378904	SSF x Far_LoA	-8,15697495	-0,103	0,315
CHR9	22378917	CHR9:22378917	SSF x Far_LoA	-8,04695767	-0,079	0,307
CHR9	22378962	CHR9:22378962	SSF x Far_LoA	-8,18667383	0,048	0,296
CHR9	22378970	CHR9:22378970	SSF x Far_LoA	-8,8598452	0,107	0,296
CHR9	22382603	CHR9:22382603	SSF x Far_LoA	-9,27012252	0,102	0,297
CHR9	22382626	CHR9:22382626	SSF x Far_LoA	-10,7266571	0,021	0,320
CHR9	22382677	CHR9:22382677	SSF x Far_LoA	-12,0458319	-0,023	0,310
CHR9	2240043	CHR9:2240043	SSF x Far_LoA	-9,0889598	-0,049	0,308
CHR9	2240222	CHR9:2240222	SSF x Far_LoA	-11,7374176	-0,015	0,307
CHR9	2240229	CHR9:2240229	SSF x Far_LoA	-11,8987106	-0,015	0,308
CHR9	22403710	CHR9:22403710	SSF x Far_LoA	-9,43088502	0,035	0,297
CHR9	22403714	CHR9:22403714	SSF x Far_LoA	-8,95309063	0,013	0,308
CHR9	22404119	CHR9:22404119	SSF x Far_LoA	-8,96535761	0,037	0,302
CHR9	22404120	CHR9:22404120	SSF x Far_LoA	-10,6455994	0,033	0,316
CHR9	22404122	CHR9:22404122	SSF x Far_LoA	-10,3054396	0,014	0,313
CHR9	22408580	CHR9:22408580	SSF x Far_LoA	-10,1950059	0,034	0,308
CHR9	22408581	CHR9:22408581	SSF x Far_LoA	-7,444981	0,060	0,299
CHR9	22408582	CHR9:22408582	SSF x Far_LoA	-10,033438	0,057	0,307
CHR9	22408602	CHR9:22408602	SSF x Far_LoA	-9,77553207	0,034	0,303
CHR9	22408609	CHR9:22408609	SSF x Far_LoA	-11,6392255	-0,084	0,316
CHR9	22408701	CHR9:22408701	SSF x Far_LoA	-9,96946236	-0,030	0,318
CHR9	22408709	CHR9:22408709	SSF x Far_LoA	-9,01644858	0,029	0,303
CHR9	22408808	CHR9:22408808	SSF x Far_LoA	-9,91847513	-0,099	0,313
CHR9	22412820	CHR9:22412820	SSF x Far_LoA	-8,49386367	-0,102	0,318
CHR9	22412861	CHR9:22412861	SSF x Far_LoA	-8,67394167	0,128	0,299
CHR9	22412874	CHR9:22412874	SSF x Far_LoA	-8,24970536	0,026	0,321
CHR9	22414656	CHR9:22414656	SSF x Far_LoA	-10,9031036	-0,024	0,315
CHR9	22414747	CHR9:22414747	SSF x Far_LoA	-8,06013276	0,048	0,326
CHR9	22415847	CHR9:22415847	SSF x Far_LoA	-7,91492386	-0,071	0,309
CHR9	22420798	CHR9:22420798	SSF x Far_LoA	-8,65036816	-0,066	0,314
CHR9	22421065	CHR9:22421065	SSF x Far_LoA	-10,4588087	0,006	0,307
CHR9	22423641	CHR9:22423641	SSF x Far_LoA	-9,91001362	-0,124	0,314
CHR9	2243743	CHR9:2243743	SSF x Far_LoA	-9,68367471	0,079	0,299
CHR9	2243760	CHR9:2243760	SSF x Far_LoA	-9,50773579	0,097	0,305
CHR9	22445465	CHR9:22445465	SSF x Far_LoA	-10,1686892	0,073	0,299
CHR9	22445517	CHR9:22445517	SSF x Far_LoA	-11,031655	-0,039	0,321
CHR9	22445543	CHR9:22445543	SSF x Far_LoA	-8,42958995	0,062	0,309
CHR9	22445550	CHR9:22445550	SSF x Far_LoA	-2,6615319	-0,061	0,314
CHR9	22445562	CHR9:22445562	SSF x Far_LoA	-10,3955481	0,038	0,317
CHR9	22445565	CHR9:22445565	SSF x Far_LoA	-8,58844904	-0,133	0,306
CHR9	2245547	CHR9:2245547	SSF x Far_LoA	-11,1727888	0,095	0,294
CHR9	2245591	CHR9:2245591	SSF x Far_LoA	-9,54363842	0,006	0,288
CHR9	2245682	CHR9:2245682	SSF x Far_LoA	-9,63518677	0,000	0,317
CHR9	2245712	CHR9:2245712	SSF x Far_LoA	-10,4551571	-0,105	0,308
CHR9	2245745	CHR9:2245745	SSF x Far_LoA	-10,0716672	0,066	0,297

CHR9	22466201	CHR9:22466201	SSF x Far_LoA	-7,78684278	0,060	0,311
CHR9	22466219	CHR9:22466219	SSF x Far_LoA	-10,832188	-0,004	0,302
CHR9	22473425	CHR9:22473425	SSF x Far_LoA	-8,72796386	-0,037	0,313
CHR9	22473475	CHR9:22473475	SSF x Far_LoA	-10,389902	-0,054	0,312
CHR9	22481015	CHR9:22481015	SSF x Far_LoA	-11,4892454	-0,001	0,309
CHR9	22482444	CHR9:22482444	SSF x Far_LoA	-10,7543494	0,129	0,299
CHR9	22486015	CHR9:22486015	SSF x Far_LoA	-10,3610799	-0,077	0,299
CHR9	22487946	CHR9:22487946	SSF x Far_LoA	-9,22478927	-0,115	0,306
CHR9	22487963	CHR9:22487963	SSF x Far_LoA	-10,4297978	-0,113	0,302
CHR9	22489244	CHR9:22489244	SSF x Far_LoA	-7,20607994	0,081	0,312
CHR9	2249964	CHR9:2249964	SSF x Far_LoA	-10,1836688	0,033	0,308
CHR9	2250016	CHR9:2250016	SSF x Far_LoA	-11,1396263	0,027	0,300
CHR9	2250037	CHR9:2250037	SSF x Far_LoA	-9,08489319	-0,083	0,303
CHR9	2250146	CHR9:2250146	SSF x Far_LoA	-9,20125366	-0,086	0,312
CHR9	2250188	CHR9:2250188	SSF x Far_LoA	-8,2722731	0,076	0,302
CHR9	22502242	CHR9:22502242	SSF x Far_LoA	-7,65828201	0,051	0,320
CHR9	22502243	CHR9:22502243	SSF x Far_LoA	-10,4418715	-0,015	0,301
CHR9	22502250	CHR9:22502250	SSF x Far_LoA	-10,2860763	-0,025	0,294
CHR9	22502328	CHR9:22502328	SSF x Far_LoA	-10,9895231	-0,003	0,300
CHR9	22502340	CHR9:22502340	SSF x Far_LoA	-11,0969124	0,005	0,304
CHR9	22502345	CHR9:22502345	SSF x Far_LoA	-8,54451135	0,019	0,309
CHR9	22502427	CHR9:22502427	SSF x Far_LoA	-8,03977257	-0,006	0,303
CHR9	22503740	CHR9:22503740	SSF x Far_LoA	-9,41742729	-0,042	0,319
CHR9	22507500	CHR9:22507500	SSF x Far_LoA	-7,88999951	0,088	0,300
CHR9	22507538	CHR9:22507538	SSF x Far_LoA	-11,4162176	-0,064	0,308
CHR9	22507623	CHR9:22507623	SSF x Far_LoA	-10,6850773	0,009	0,314
CHR9	22512943	CHR9:22512943	SSF x Far_LoA	-6,7683954	0,133	0,298
CHR9	22520312	CHR9:22520312	SSF x Far_LoA	-7,47683296	0,061	0,319
CHR9	22523918	CHR9:22523918	SSF x Far_LoA	-9,00285831	-0,131	0,309
CHR9	22524001	CHR9:22524001	SSF x Far_LoA	-10,9249404	-0,033	0,303
CHR9	22524002	CHR9:22524002	SSF x Far_LoA	-9,49224466	0,065	0,309
CHR9	22525348	CHR9:22525348	SSF x Far_LoA	-7,35976187	-0,136	0,297
CHR9	22525381	CHR9:22525381	SSF x Far_LoA	-10,9168521	-0,030	0,309
CHR9	22525403	CHR9:22525403	SSF x Far_LoA	-8,76056693	-0,089	0,295
CHR9	22525523	CHR9:22525523	SSF x Far_LoA	-9,75264594	0,008	0,311
CHR9	22527120	CHR9:22527120	SSF x Far_LoA	-10,337908	-0,026	0,308
CHR9	22527126	CHR9:22527126	SSF x Far_LoA	-9,61315886	-0,067	0,313
CHR9	22527133	CHR9:22527133	SSF x Far_LoA	-9,84110973	-0,062	0,309
CHR9	22527166	CHR9:22527166	SSF x Far_LoA	-8,46719841	0,033	0,296
CHR9	22527185	CHR9:22527185	SSF x Far_LoA	-10,5855905	-0,030	0,304
CHR9	22527192	CHR9:22527192	SSF x Far_LoA	-11,1826583	-0,101	0,293
CHR9	22527230	CHR9:22527230	SSF x Far_LoA	-9,18539236	0,082	0,308
CHR9	22527239	CHR9:22527239	SSF x Far_LoA	-9,81578204	-0,073	0,294
CHR9	22527251	CHR9:22527251	SSF x Far_LoA	-9,80280348	-0,052	0,297
CHR9	22527263	CHR9:22527263	SSF x Far_LoA	-9,99843276	-0,007	0,303
CHR9	2253243	CHR9:2253243	SSF x Far_LoA	-10,7995412	0,080	0,306
CHR9	22560046	CHR9:22560046	SSF x Far_LoA	-9,89821753	-0,090	0,307
CHR9	22560240	CHR9:22560240	SSF x Far_LoA	-11,4961636	0,008	0,301
CHR9	22560247	CHR9:22560247	SSF x Far_LoA	-10,6056885	-0,023	0,326
CHR9	22560253	CHR9:22560253	SSF x Far_LoA	-8,40906086	-0,118	0,293
CHR9	22565424	CHR9:22565424	SSF x Far_LoA	-3,99330407	-0,069	0,291
CHR9	22565474	CHR9:22565474	SSF x Far_LoA	-9,55636499	0,018	0,307
CHR9	22566721	CHR9:22566721	SSF x Far_LoA	-10,4008214	0,073	0,291

CHR9	22566803	CHR9:22566803	SSF x Far_LoA	-5,96956717	0,102	0,313
CHR9	22566826	CHR9:22566826	SSF x Far_LoA	-10,1572177	0,044	0,311
CHR9	22573687	CHR9:22573687	SSF x Far_LoA	-8,90110682	0,109	0,318
CHR9	22573693	CHR9:22573693	SSF x Far_LoA	-7,68020181	0,077	0,314
CHR9	22573696	CHR9:22573696	SSF x Far_LoA	-10,9443287	0,029	0,293
CHR9	22573706	CHR9:22573706	SSF x Far_LoA	-9,29311684	-0,002	0,302
CHR9	2257430	CHR9:2257430	SSF x Far_LoA	-9,65503847	0,034	0,318
CHR9	2257434	CHR9:2257434	SSF x Far_LoA	-0,71953327	-0,042	0,307
CHR9	22577679	CHR9:22577679	SSF x Far_LoA	1,38361679	0,048	0,283
CHR9	22577888	CHR9:22577888	SSF x Far_LoA	-11,8938713	0,054	0,312
CHR9	22581410	CHR9:22581410	SSF x Far_LoA	-7,93349027	0,039	0,303
CHR9	22581507	CHR9:22581507	SSF x Far_LoA	-11,6287703	-0,019	0,316
CHR9	22585649	CHR9:22585649	SSF x Far_LoA	-9,6978709	-0,013	0,309
CHR9	22585760	CHR9:22585760	SSF x Far_LoA	-12,0946601	0,058	0,296
CHR9	22585778	CHR9:22585778	SSF x Far_LoA	-9,00682019	0,112	0,301
CHR9	22592490	CHR9:22592490	SSF x Far_LoA	-8,4914709	0,085	0,304
CHR9	22592550	CHR9:22592550	SSF x Far_LoA	-9,47454183	0,019	0,298
CHR9	22592559	CHR9:22592559	SSF x Far_LoA	-9,1494835	0,050	0,308
CHR9	22592575	CHR9:22592575	SSF x Far_LoA	-7,15216805	-0,010	0,314
CHR9	22592624	CHR9:22592624	SSF x Far_LoA	-6,65766195	-0,129	0,290
CHR9	22592764	CHR9:22592764	SSF x Far_LoA	-11,7050963	0,014	0,302
CHR9	22592790	CHR9:22592790	SSF x Far_LoA	-9,83408504	0,052	0,316
CHR9	2259768	CHR9:2259768	SSF x Far_LoA	-9,57148626	0,104	0,305
CHR9	2259826	CHR9:2259826	SSF x Far_LoA	-5,96424832	-0,155	0,316
CHR9	2259845	CHR9:2259845	SSF x Far_LoA	-7,89117341	0,021	0,300
CHR9	2259866	CHR9:2259866	SSF x Far_LoA	-6,80787021	0,165	0,296
CHR9	2259875	CHR9:2259875	SSF x Far_LoA	-9,87318497	-0,012	0,312
CHR9	2259915	CHR9:2259915	SSF x Far_LoA	-8,28716031	0,022	0,310
CHR9	2259928	CHR9:2259928	SSF x Far_LoA	1,23472621	-0,189	0,307
CHR9	2259937	CHR9:2259937	SSF x Far_LoA	-12,1150929	-0,023	0,300
CHR9	22602243	CHR9:22602243	SSF x Far_LoA	-11,0930376	-0,007	0,307
CHR9	22602244	CHR9:22602244	SSF x Far_LoA	-7,21624531	-0,064	0,298
CHR9	22602257	CHR9:22602257	SSF x Far_LoA	-9,24515143	0,013	0,291
CHR9	22602776	CHR9:22602776	SSF x Far_LoA	-9,09173532	-0,127	0,308
CHR9	22602808	CHR9:22602808	SSF x Far_LoA	-9,31966099	0,102	0,301
CHR9	22602834	CHR9:22602834	SSF x Far_LoA	-6,02003983	0,135	0,305
CHR9	22602836	CHR9:22602836	SSF x Far_LoA	-6,09841565	0,147	0,302
CHR9	22605035	CHR9:22605035	SSF x Far_LoA	-7,64222305	0,092	0,304
CHR9	22607389	CHR9:22607389	SSF x Far_LoA	-9,44921933	-0,005	0,294
CHR9	22610069	CHR9:22610069	SSF x Far_LoA	-8,57929973	0,014	0,316
CHR9	22610070	CHR9:22610070	SSF x Far_LoA	-9,22892646	-0,009	0,312
CHR9	22610071	CHR9:22610071	SSF x Far_LoA	-9,57408441	0,044	0,298
CHR9	22610076	CHR9:22610076	SSF x Far_LoA	-9,05502051	0,026	0,320
CHR9	2261399	CHR9:2261399	SSF x Far_LoA	-4,19216552	-0,085	0,309
CHR9	2261431	CHR9:2261431	SSF x Far_LoA	-8,81026355	-0,047	0,307
CHR9	2261445	CHR9:2261445	SSF x Far_LoA	-9,73545829	-0,057	0,310
CHR9	2261492	CHR9:2261492	SSF x Far_LoA	-10,0931388	0,054	0,310
CHR9	22638450	CHR9:22638450	SSF x Far_LoA	-8,42509471	0,031	0,303
CHR9	22638455	CHR9:22638455	SSF x Far_LoA	-10,8843908	-0,039	0,303
CHR9	22638465	CHR9:22638465	SSF x Far_LoA	-10,2342434	0,062	0,310
CHR9	22638542	CHR9:22638542	SSF x Far_LoA	-11,7488111	0,058	0,305
CHR9	22638698	CHR9:22638698	SSF x Far_LoA	-7,08478527	0,136	0,297
CHR9	22643405	CHR9:22643405	SSF x Far_LoA	-7,45979857	0,125	0,318

CHR9	22645556	CHR9:22645556	SSF x Far_LoA	-9,49687682	-0,044	0,310
CHR9	22645683	CHR9:22645683	SSF x Far_LoA	-5,80961803	-0,092	0,302
CHR9	22645733	CHR9:22645733	SSF x Far_LoA	-9,74335821	0,086	0,312
CHR9	22648327	CHR9:22648327	SSF x Far_LoA	-8,60691702	-0,109	0,321
CHR9	22652652	CHR9:22652652	SSF x Far_LoA	-8,83775544	0,099	0,301
CHR9	2267089	CHR9:2267089	SSF x Far_LoA	-6,51615466	-0,163	0,310
CHR9	2267108	CHR9:2267108	SSF x Far_LoA	-9,19821636	0,184	0,295
CHR9	2267171	CHR9:2267171	SSF x Far_LoA	-12,0051902	-0,008	0,300
CHR9	22673074	CHR9:22673074	SSF x Far_LoA	-4,15000256	0,061	0,301
CHR9	22680786	CHR9:22680786	SSF x Far_LoA	-7,84325786	-0,054	0,320
CHR9	22680837	CHR9:22680837	SSF x Far_LoA	-7,18538482	-0,009	0,311
CHR9	22680879	CHR9:22680879	SSF x Far_LoA	-10,3657454	0,042	0,316
CHR9	22684131	CHR9:22684131	SSF x Far_LoA	-8,59731535	-0,116	0,315
CHR9	22707082	CHR9:22707082	SSF x Far_LoA	-8,72865835	0,167	0,291
CHR9	22707214	CHR9:22707214	SSF x Far_LoA	-3,08386996	0,032	0,315
CHR9	22709532	CHR9:22709532	SSF x Far_LoA	-10,7337128	-0,007	0,313
CHR9	22710377	CHR9:22710377	SSF x Far_LoA	-7,37555609	0,127	0,301
CHR9	22710412	CHR9:22710412	SSF x Far_LoA	-11,8041037	-0,023	0,306
CHR9	22715177	CHR9:22715177	SSF x Far_LoA	-9,83375251	-0,059	0,302
CHR9	22715248	CHR9:22715248	SSF x Far_LoA	-7,5556986	-0,105	0,312
CHR9	22715335	CHR9:22715335	SSF x Far_LoA	-9,47202227	0,006	0,296
CHR9	22715466	CHR9:22715466	SSF x Far_LoA	-6,83294299	-0,055	0,301
CHR9	22722525	CHR9:22722525	SSF x Far_LoA	-8,45731294	-0,123	0,298
CHR9	22722546	CHR9:22722546	SSF x Far_LoA	-10,4039599	0,006	0,325
CHR9	22722669	CHR9:22722669	SSF x Far_LoA	-9,95312898	0,024	0,307
CHR9	22722675	CHR9:22722675	SSF x Far_LoA	-11,2624307	0,000	0,303
CHR9	22722694	CHR9:22722694	SSF x Far_LoA	-8,14442645	0,035	0,298
CHR9	22722711	CHR9:22722711	SSF x Far_LoA	-11,6833332	0,017	0,310
CHR9	22722734	CHR9:22722734	SSF x Far_LoA	-11,1320975	-0,093	0,312
CHR9	22722782	CHR9:22722782	SSF x Far_LoA	-10,2030951	0,012	0,313
CHR9	22722936	CHR9:22722936	SSF x Far_LoA	-10,3555204	-0,012	0,319
CHR9	22737436	CHR9:22737436	SSF x Far_LoA	-11,9318059	0,024	0,315
CHR9	22737484	CHR9:22737484	SSF x Far_LoA	-11,739699	0,018	0,311
CHR9	22737520	CHR9:22737520	SSF x Far_LoA	-9,01146629	0,062	0,310
CHR9	22737543	CHR9:22737543	SSF x Far_LoA	-11,640702	0,032	0,294
CHR9	22738507	CHR9:22738507	SSF x Far_LoA	-12,1150696	0,020	0,314
CHR9	227393	CHR9:227393	SSF x Far_LoA	-8,44110639	0,165	0,280
CHR9	22739954	CHR9:22739954	SSF x Far_LoA	-8,48517912	-0,124	0,299
CHR9	22739975	CHR9:22739975	SSF x Far_LoA	-10,5922914	-0,127	0,292
CHR9	22739997	CHR9:22739997	SSF x Far_LoA	-7,70182925	-0,120	0,304
CHR9	22742157	CHR9:22742157	SSF x Far_LoA	-9,49964719	-0,047	0,301
CHR9	22742180	CHR9:22742180	SSF x Far_LoA	-7,21175707	-0,169	0,293
CHR9	2274259	CHR9:2274259	SSF x Far_LoA	-11,0134679	0,033	0,322
CHR9	2274297	CHR9:2274297	SSF x Far_LoA	-7,26345334	-0,004	0,309
CHR9	2274373	CHR9:2274373	SSF x Far_LoA	-8,91354663	0,027	0,313
CHR9	22753861	CHR9:22753861	SSF x Far_LoA	-5,29756831	-0,124	0,294
CHR9	22754116	CHR9:22754116	SSF x Far_LoA	-9,01746255	-0,083	0,308
CHR9	22754190	CHR9:22754190	SSF x Far_LoA	-9,0930333	-0,064	0,304
CHR9	22754221	CHR9:22754221	SSF x Far_LoA	-11,3933765	0,028	0,308
CHR9	22762354	CHR9:22762354	SSF x Far_LoA	-6,75983783	0,032	0,308
CHR9	22766403	CHR9:22766403	SSF x Far_LoA	-9,89441816	0,041	0,299
CHR9	22766423	CHR9:22766423	SSF x Far_LoA	-8,18191031	0,008	0,310
CHR9	22767260	CHR9:22767260	SSF x Far_LoA	-5,68320623	0,062	0,314

CHR9	22767261	CHR9:22767261	SSF x Far_LoA	-9,75418387	0,088	0,297
CHR9	22769097	CHR9:22769097	SSF x Far_LoA	-8,69089116	0,026	0,319
CHR9	22770822	CHR9:22770822	SSF x Far_LoA	-7,30038913	0,131	0,300
CHR9	22776198	CHR9:22776198	SSF x Far_LoA	-9,54957966	0,080	0,312
CHR9	22779824	CHR9:22779824	SSF x Far_LoA	-10,644759	0,011	0,318
CHR9	22779860	CHR9:22779860	SSF x Far_LoA	-8,46825489	-0,063	0,307
CHR9	2278722	CHR9:2278722	SSF x Far_LoA	-10,7622817	0,008	0,306
CHR9	2278863	CHR9:2278863	SSF x Far_LoA	-10,8386844	-0,060	0,289
CHR9	22790124	CHR9:22790124	SSF x Far_LoA	-10,0182938	0,011	0,324
CHR9	22790290	CHR9:22790290	SSF x Far_LoA	-8,78364693	0,014	0,303
CHR9	22790318	CHR9:22790318	SSF x Far_LoA	-9,3592761	0,028	0,302
CHR9	22792529	CHR9:22792529	SSF x Far_LoA	-8,77304808	-0,020	0,312
CHR9	22792634	CHR9:22792634	SSF x Far_LoA	-11,8241325	-0,046	0,294
CHR9	22792689	CHR9:22792689	SSF x Far_LoA	-10,4785759	0,006	0,302
CHR9	22795026	CHR9:22795026	SSF x Far_LoA	-11,3727757	-0,045	0,308
CHR9	22795226	CHR9:22795226	SSF x Far_LoA	-9,00830689	0,027	0,310
CHR9	2280871	CHR9:2280871	SSF x Far_LoA	-8,48027265	0,112	0,302
CHR9	22808778	CHR9:22808778	SSF x Far_LoA	-8,91263208	-0,007	0,312
CHR9	2280975	CHR9:2280975	SSF x Far_LoA	-11,0171947	0,009	0,306
CHR9	22812569	CHR9:22812569	SSF x Far_LoA	-9,55405383	-0,008	0,294
CHR9	22821460	CHR9:22821460	SSF x Far_LoA	-9,08535181	-0,087	0,275
CHR9	22821520	CHR9:22821520	SSF x Far_LoA	-7,29524427	-0,059	0,314
CHR9	22830220	CHR9:22830220	SSF x Far_LoA	-9,96289859	0,003	0,309
CHR9	22830222	CHR9:22830222	SSF x Far_LoA	-8,08983929	-0,058	0,308
CHR9	22830245	CHR9:22830245	SSF x Far_LoA	-6,37187126	-0,069	0,309
CHR9	22830267	CHR9:22830267	SSF x Far_LoA	-9,03947912	0,059	0,307
CHR9	22830307	CHR9:22830307	SSF x Far_LoA	-9,81104635	-0,075	0,310
CHR9	22830343	CHR9:22830343	SSF x Far_LoA	-8,17441669	-0,022	0,292
CHR9	22830345	CHR9:22830345	SSF x Far_LoA	-7,59403302	-0,002	0,305
CHR9	22830388	CHR9:22830388	SSF x Far_LoA	-9,76278991	0,004	0,300
CHR9	22837443	CHR9:22837443	SSF x Far_LoA	-8,38452337	0,014	0,310
CHR9	22837537	CHR9:22837537	SSF x Far_LoA	-7,37655955	0,036	0,303
CHR9	22837571	CHR9:22837571	SSF x Far_LoA	-10,4012038	0,010	0,314
CHR9	22837610	CHR9:22837610	SSF x Far_LoA	-7,98052406	-0,118	0,311
CHR9	2284147	CHR9:2284147	SSF x Far_LoA	-10,2295703	-0,007	0,314
CHR9	2284191	CHR9:2284191	SSF x Far_LoA	-9,0803367	-0,152	0,304
CHR9	22846184	CHR9:22846184	SSF x Far_LoA	-10,378735	0,035	0,301
CHR9	22846250	CHR9:22846250	SSF x Far_LoA	-9,34049518	-0,041	0,301
CHR9	22846441	CHR9:22846441	SSF x Far_LoA	-11,3317812	0,067	0,294
CHR9	22853107	CHR9:22853107	SSF x Far_LoA	-8,27841174	0,003	0,325
CHR9	22853201	CHR9:22853201	SSF x Far_LoA	-9,67889875	0,057	0,319
CHR9	22854242	CHR9:22854242	SSF x Far_LoA	-12,5777287	0,026	0,299
CHR9	22854269	CHR9:22854269	SSF x Far_LoA	-9,70313224	0,064	0,317
CHR9	22854479	CHR9:22854479	SSF x Far_LoA	-10,3077722	0,010	0,302
CHR9	22854510	CHR9:22854510	SSF x Far_LoA	3,52831837	0,179	0,313
CHR9	22854531	CHR9:22854531	SSF x Far_LoA	-8,76118456	0,000	0,299
CHR9	22854539	CHR9:22854539	SSF x Far_LoA	-7,80282034	0,211	0,293
CHR9	22854549	CHR9:22854549	SSF x Far_LoA	-7,80487612	0,096	0,301
CHR9	22854588	CHR9:22854588	SSF x Far_LoA	2,23347029	0,269	0,279
CHR9	22854600	CHR9:22854600	SSF x Far_LoA	-10,1512465	0,098	0,309
CHR9	22865341	CHR9:22865341	SSF x Far_LoA	-11,7382538	-0,046	0,307
CHR9	22869681	CHR9:22869681	SSF x Far_LoA	-8,04222204	-0,003	0,316
CHR9	22871563	CHR9:22871563	SSF x Far_LoA	-7,66419758	0,035	0,307

CHR9	22877298	CHR9:22877298	SSF x Far_LoA	-10,0874856	0,108	0,300
CHR9	22890824	CHR9:22890824	SSF x Far_LoA	-10,7301642	0,016	0,291
CHR9	22893261	CHR9:22893261	SSF x Far_LoA	-9,03305051	-0,024	0,313
CHR9	22898309	CHR9:22898309	SSF x Far_LoA	-9,740015	0,084	0,290
CHR9	22900153	CHR9:22900153	SSF x Far_LoA	-9,28810344	-0,016	0,319
CHR9	22902602	CHR9:22902602	SSF x Far_LoA	-7,63800518	0,053	0,314
CHR9	22902861	CHR9:22902861	SSF x Far_LoA	-5,65790331	-0,033	0,318
CHR9	22906155	CHR9:22906155	SSF x Far_LoA	-10,8951191	0,109	0,300
CHR9	22906476	CHR9:22906476	SSF x Far_LoA	-6,87109156	0,178	0,299
CHR9	22920532	CHR9:22920532	SSF x Far_LoA	-8,70867326	-0,052	0,309
CHR9	22920657	CHR9:22920657	SSF x Far_LoA	-9,51952553	0,057	0,321
CHR9	22936451	CHR9:22936451	SSF x Far_LoA	-10,6789468	-0,024	0,309
CHR9	22936696	CHR9:22936696	SSF x Far_LoA	-10,4206778	-0,034	0,307
CHR9	22936707	CHR9:22936707	SSF x Far_LoA	-4,96130682	-0,012	0,312
CHR9	22940867	CHR9:22940867	SSF x Far_LoA	-11,1964025	-0,041	0,298
CHR9	22940971	CHR9:22940971	SSF x Far_LoA	-9,07035843	0,140	0,293
CHR9	22951691	CHR9:22951691	SSF x Far_LoA	-11,2808714	0,045	0,305
CHR9	22961529	CHR9:22961529	SSF x Far_LoA	-8,75886445	0,050	0,313
CHR9	22961535	CHR9:22961535	SSF x Far_LoA	-11,2202973	0,073	0,311
CHR9	22963217	CHR9:22963217	SSF x Far_LoA	-8,57185614	0,117	0,309
CHR9	22963274	CHR9:22963274	SSF x Far_LoA	-9,32561438	0,039	0,316
CHR9	22963317	CHR9:22963317	SSF x Far_LoA	-8,82606942	-0,006	0,321
CHR9	22968516	CHR9:22968516	SSF x Far_LoA	-8,54711751	-0,032	0,317
CHR9	22980175	CHR9:22980175	SSF x Far_LoA	-10,3619086	-0,047	0,294
CHR9	22980279	CHR9:22980279	SSF x Far_LoA	-7,98630172	-0,018	0,291
CHR9	22983442	CHR9:22983442	SSF x Far_LoA	-9,13599014	-0,029	0,312
CHR9	2298349	CHR9:2298349	SSF x Far_LoA	-8,48236897	0,145	0,312
CHR9	22983626	CHR9:22983626	SSF x Far_LoA	-5,30069897	0,118	0,307
CHR9	22983630	CHR9:22983630	SSF x Far_LoA	-10,1200185	0,091	0,297
CHR9	23007557	CHR9:23007557	SSF x Far_LoA	-6,65758128	0,079	0,297
CHR9	23007689	CHR9:23007689	SSF x Far_LoA	-10,5036624	-0,051	0,309
CHR9	23007691	CHR9:23007691	SSF x Far_LoA	-8,04825522	-0,078	0,309
CHR9	23009053	CHR9:23009053	SSF x Far_LoA	-11,2237937	-0,075	0,314
CHR9	23009054	CHR9:23009054	SSF x Far_LoA	-9,29389655	-0,135	0,314
CHR9	23011415	CHR9:23011415	SSF x Far_LoA	-8,91356731	0,117	0,298
CHR9	23017240	CHR9:23017240	SSF x Far_LoA	-10,0361233	-0,075	0,313
CHR9	23018949	CHR9:23018949	SSF x Far_LoA	-11,1983761	0,080	0,298
CHR9	23019224	CHR9:23019224	SSF x Far_LoA	-10,8724844	-0,050	0,309
CHR9	23019291	CHR9:23019291	SSF x Far_LoA	-5,74292485	0,125	0,303
CHR9	2302787	CHR9:2302787	SSF x Far_LoA	-8,21525574	0,044	0,325
CHR9	2302791	CHR9:2302791	SSF x Far_LoA	-9,65084101	-0,014	0,292
CHR9	23037183	CHR9:23037183	SSF x Far_LoA	-8,15821234	-0,076	0,313
CHR9	23048981	CHR9:23048981	SSF x Far_LoA	-9,56770463	0,020	0,309
CHR9	23049029	CHR9:23049029	SSF x Far_LoA	-11,3432429	-0,038	0,315
CHR9	23049042	CHR9:23049042	SSF x Far_LoA	-11,4142855	-0,005	0,307
CHR9	23049089	CHR9:23049089	SSF x Far_LoA	-9,12190611	-0,006	0,306
CHR9	23049214	CHR9:23049214	SSF x Far_LoA	-6,69045079	-0,177	0,292
CHR9	23053852	CHR9:23053852	SSF x Far_LoA	-10,9925369	0,034	0,303
CHR9	23053959	CHR9:23053959	SSF x Far_LoA	-10,8383388	0,030	0,309
CHR9	23054086	CHR9:23054086	SSF x Far_LoA	-8,57718357	0,014	0,308
CHR9	23070413	CHR9:23070413	SSF x Far_LoA	-4,56807257	0,039	0,299
CHR9	23070535	CHR9:23070535	SSF x Far_LoA	-11,2599264	-0,015	0,309
CHR9	23070545	CHR9:23070545	SSF x Far_LoA	-3,98538188	-0,027	0,319

CHR9	23078522	CHR9:23078522	SSF x Far_LoA	-10,1428997	0,118	0,307
CHR9	23078642	CHR9:23078642	SSF x Far_LoA	-8,6315599	0,049	0,305
CHR9	23083103	CHR9:23083103	SSF x Far_LoA	-8,83163176	0,132	0,289
CHR9	23083153	CHR9:23083153	SSF x Far_LoA	-5,69709433	-0,164	0,297
CHR9	23089764	CHR9:23089764	SSF x Far_LoA	-11,2428821	0,015	0,318
CHR9	23089777	CHR9:23089777	SSF x Far_LoA	-9,75085604	-0,103	0,305
CHR9	23089788	CHR9:23089788	SSF x Far_LoA	-6,52709775	-0,053	0,317
CHR9	23097850	CHR9:23097850	SSF x Far_LoA	-9,87721695	0,015	0,322
CHR9	23097972	CHR9:23097972	SSF x Far_LoA	-8,54252561	-0,037	0,302
CHR9	23098141	CHR9:23098141	SSF x Far_LoA	-8,16643011	0,062	0,300
CHR9	23105021	CHR9:23105021	SSF x Far_LoA	-10,3521902	-0,026	0,299
CHR9	23110245	CHR9:23110245	SSF x Far_LoA	-9,23849611	-0,034	0,297
CHR9	23114519	CHR9:23114519	SSF x Far_LoA	-9,95041423	-0,003	0,311
CHR9	23114709	CHR9:23114709	SSF x Far_LoA	-9,30261741	0,179	0,298
CHR9	23114924	CHR9:23114924	SSF x Far_LoA	-7,73754901	-0,163	0,302
CHR9	23121207	CHR9:23121207	SSF x Far_LoA	-9,77534097	-0,054	0,316
CHR9	23126367	CHR9:23126367	SSF x Far_LoA	0,02592055	0,107	0,306
CHR9	23126409	CHR9:23126409	SSF x Far_LoA	-7,2763987	0,031	0,320
CHR9	23126413	CHR9:23126413	SSF x Far_LoA	-8,0041423	-0,005	0,300
CHR9	23126544	CHR9:23126544	SSF x Far_LoA	-9,75191358	0,038	0,297
CHR9	23137963	CHR9:23137963	SSF x Far_LoA	-8,60505823	-0,135	0,309
CHR9	23138045	CHR9:23138045	SSF x Far_LoA	-8,03381615	-0,050	0,309
CHR9	23138132	CHR9:23138132	SSF x Far_LoA	-8,50949268	-0,020	0,299
CHR9	23138143	CHR9:23138143	SSF x Far_LoA	-8,74405686	0,084	0,293
CHR9	23138178	CHR9:23138178	SSF x Far_LoA	-10,50889	0,018	0,313
CHR9	23138179	CHR9:23138179	SSF x Far_LoA	-7,14513351	0,134	0,305
CHR9	23138208	CHR9:23138208	SSF x Far_LoA	-9,21690064	0,040	0,308
CHR9	23138211	CHR9:23138211	SSF x Far_LoA	-6,55393326	0,035	0,311
CHR9	23138213	CHR9:23138213	SSF x Far_LoA	-10,1543141	0,020	0,311
CHR9	23153984	CHR9:23153984	SSF x Far_LoA	-7,69680168	-0,060	0,305
CHR9	23154706	CHR9:23154706	SSF x Far_LoA	0,14402435	-0,069	0,324
CHR9	23174020	CHR9:23174020	SSF x Far_LoA	-9,44847332	0,023	0,299
CHR9	23174055	CHR9:23174055	SSF x Far_LoA	-9,36364085	-0,019	0,289
CHR9	23174060	CHR9:23174060	SSF x Far_LoA	-10,2131312	0,129	0,300
CHR9	23174062	CHR9:23174062	SSF x Far_LoA	-11,6690701	0,019	0,296
CHR9	23174065	CHR9:23174065	SSF x Far_LoA	-9,04739757	0,028	0,291
CHR9	23174072	CHR9:23174072	SSF x Far_LoA	-8,58260619	0,043	0,301
CHR9	23174084	CHR9:23174084	SSF x Far_LoA	-9,20981278	-0,006	0,290
CHR9	23174125	CHR9:23174125	SSF x Far_LoA	-8,15604432	-0,136	0,306
CHR9	23174141	CHR9:23174141	SSF x Far_LoA	-9,25530913	-0,008	0,309
CHR9	23174241	CHR9:23174241	SSF x Far_LoA	-10,7869066	0,051	0,308
CHR9	23178136	CHR9:23178136	SSF x Far_LoA	-10,547341	0,004	0,303
CHR9	23179573	CHR9:23179573	SSF x Far_LoA	-9,57231031	0,005	0,305
CHR9	23179594	CHR9:23179594	SSF x Far_LoA	-11,2861553	-0,067	0,316
CHR9	23185703	CHR9:23185703	SSF x Far_LoA	-10,7739284	0,137	0,301
CHR9	23185731	CHR9:23185731	SSF x Far_LoA	-9,13699392	-0,044	0,291
CHR9	23185744	CHR9:23185744	SSF x Far_LoA	-8,11806846	-0,025	0,294
CHR9	23185786	CHR9:23185786	SSF x Far_LoA	-9,58867949	-0,022	0,298
CHR9	23196299	CHR9:23196299	SSF x Far_LoA	-8,45701879	-0,180	0,314
CHR9	23198897	CHR9:23198897	SSF x Far_LoA	-9,09734009	-0,027	0,305
CHR9	23199010	CHR9:23199010	SSF x Far_LoA	-11,4126488	0,001	0,293
CHR9	23199164	CHR9:23199164	SSF x Far_LoA	-9,25872556	0,072	0,297
CHR9	23199184	CHR9:23199184	SSF x Far_LoA	-8,14440696	0,006	0,288

CHR9	23205142	CHR9:23205142	SSF x Far_LoA	-10,0712294	-0,018	0,316
CHR9	23205241	CHR9:23205241	SSF x Far_LoA	-9,03810765	0,018	0,297
CHR9	23215740	CHR9:23215740	SSF x Far_LoA	-10,6210638	-0,011	0,320
CHR9	23215766	CHR9:23215766	SSF x Far_LoA	-8,65481259	-0,062	0,309
CHR9	23224761	CHR9:23224761	SSF x Far_LoA	-9,161074	0,119	0,295
CHR9	23224946	CHR9:23224946	SSF x Far_LoA	-11,5024215	-0,052	0,307
CHR9	23252859	CHR9:23252859	SSF x Far_LoA	-10,4150449	-0,053	0,300
CHR9	23252909	CHR9:23252909	SSF x Far_LoA	-11,0363326	0,027	0,311
CHR9	23252928	CHR9:23252928	SSF x Far_LoA	-9,22915266	0,161	0,304
CHR9	23252950	CHR9:23252950	SSF x Far_LoA	-10,6652211	0,039	0,309
CHR9	23253569	CHR9:23253569	SSF x Far_LoA	-6,32573133	0,105	0,299
CHR9	23265664	CHR9:23265664	SSF x Far_LoA	-3,68594558	-0,082	0,317
CHR9	23272170	CHR9:23272170	SSF x Far_LoA	-3,38861772	-0,086	0,297
CHR9	23272185	CHR9:23272185	SSF x Far_LoA	-9,90991169	-0,022	0,294
CHR9	23272196	CHR9:23272196	SSF x Far_LoA	-11,5066457	-0,064	0,299
CHR9	23272222	CHR9:23272222	SSF x Far_LoA	-7,93986857	-0,043	0,293
CHR9	23272224	CHR9:23272224	SSF x Far_LoA	-0,79025247	0,167	0,314
CHR9	23272229	CHR9:23272229	SSF x Far_LoA	-4,9187247	0,167	0,308
CHR9	23272245	CHR9:23272245	SSF x Far_LoA	-9,85100871	-0,027	0,301
CHR9	23272278	CHR9:23272278	SSF x Far_LoA	-7,48042766	-0,093	0,302
CHR9	23272292	CHR9:23272292	SSF x Far_LoA	-11,9463602	-0,002	0,300
CHR9	23290645	CHR9:23290645	SSF x Far_LoA	-6,92311411	0,085	0,306
CHR9	23290711	CHR9:23290711	SSF x Far_LoA	-5,51511063	-0,068	0,299
CHR9	23290712	CHR9:23290712	SSF x Far_LoA	-9,69485571	-0,054	0,301
CHR9	23290738	CHR9:23290738	SSF x Far_LoA	-11,5119436	-0,079	0,297
CHR9	23290804	CHR9:23290804	SSF x Far_LoA	-9,73786743	0,073	0,322
CHR9	23290837	CHR9:23290837	SSF x Far_LoA	-8,34697295	0,102	0,298
CHR9	23290858	CHR9:23290858	SSF x Far_LoA	-8,71656543	0,033	0,300
CHR9	23306050	CHR9:23306050	SSF x Far_LoA	-6,24136822	0,132	0,302
CHR9	23306240	CHR9:23306240	SSF x Far_LoA	-10,71095	0,025	0,312
CHR9	2331559	CHR9:2331559	SSF x Far_LoA	-7,82908736	-0,034	0,303
CHR9	23315656	CHR9:23315656	SSF x Far_LoA	-8,67721024	-0,067	0,307
CHR9	23315679	CHR9:23315679	SSF x Far_LoA	-5,53566523	0,098	0,303
CHR9	23315696	CHR9:23315696	SSF x Far_LoA	-8,29191219	-0,166	0,290
CHR9	23315741	CHR9:23315741	SSF x Far_LoA	-11,5358938	-0,080	0,307
CHR9	23315770	CHR9:23315770	SSF x Far_LoA	-5,31819605	0,192	0,304
CHR9	23315786	CHR9:23315786	SSF x Far_LoA	-5,32074473	-0,059	0,313
CHR9	2331590	CHR9:2331590	SSF x Far_LoA	-7,14926345	-0,060	0,318
CHR9	23339130	CHR9:23339130	SSF x Far_LoA	-9,73442206	0,174	0,289
CHR9	23360551	CHR9:23360551	SSF x Far_LoA	-5,26399566	-0,194	0,301
CHR9	23360617	CHR9:23360617	SSF x Far_LoA	-7,4509086	-0,146	0,300
CHR9	23366581	CHR9:23366581	SSF x Far_LoA	-9,51252826	-0,034	0,309
CHR9	23366597	CHR9:23366597	SSF x Far_LoA	-9,30973932	0,009	0,308
CHR9	23366660	CHR9:23366660	SSF x Far_LoA	-11,8753045	-0,103	0,297
CHR9	23371686	CHR9:23371686	SSF x Far_LoA	-9,26620879	-0,037	0,312
CHR9	23391223	CHR9:23391223	SSF x Far_LoA	-9,90296641	0,057	0,300
CHR9	23391422	CHR9:23391422	SSF x Far_LoA	-11,0707986	-0,108	0,301
CHR9	23398422	CHR9:23398422	SSF x Far_LoA	-9,13415795	0,068	0,295
CHR9	23400914	CHR9:23400914	SSF x Far_LoA	-9,18798392	0,088	0,313
CHR9	23408465	CHR9:23408465	SSF x Far_LoA	7,96066948	-0,095	0,298
CHR9	23408469	CHR9:23408469	SSF x Far_LoA	-10,5307202	-0,080	0,298
CHR9	23408594	CHR9:23408594	SSF x Far_LoA	-9,54865104	-0,070	0,304
CHR9	23408689	CHR9:23408689	SSF x Far_LoA	-7,94920357	0,029	0,305

CHR9	23408767	CHR9:23408767	SSF x Far_LoA	-10,0951735	-0,020	0,313
CHR9	23419687	CHR9:23419687	SSF x Far_LoA	-11,0888927	-0,081	0,304
CHR9	23419707	CHR9:23419707	SSF x Far_LoA	-8,94483013	-0,024	0,310
CHR9	23419724	CHR9:23419724	SSF x Far_LoA	-9,5036657	-0,049	0,327
CHR9	23419772	CHR9:23419772	SSF x Far_LoA	-11,4022757	0,036	0,315
CHR9	23422812	CHR9:23422812	SSF x Far_LoA	-7,95204964	0,033	0,314
CHR9	23434800	CHR9:23434800	SSF x Far_LoA	-7,53839157	0,147	0,296
CHR9	23438727	CHR9:23438727	SSF x Far_LoA	-9,93405458	0,004	0,317
CHR9	23438771	CHR9:23438771	SSF x Far_LoA	-9,61554986	-0,094	0,303
CHR9	23438826	CHR9:23438826	SSF x Far_LoA	-9,1251999	-0,027	0,300
CHR9	23438909	CHR9:23438909	SSF x Far_LoA	-6,65012655	-0,175	0,296
CHR9	23438916	CHR9:23438916	SSF x Far_LoA	-6,49799405	-0,120	0,294
CHR9	23438933	CHR9:23438933	SSF x Far_LoA	-9,79970665	-0,102	0,301
CHR9	23438936	CHR9:23438936	SSF x Far_LoA	-8,11132726	0,022	0,305
CHR9	23438952	CHR9:23438952	SSF x Far_LoA	-10,2643444	0,070	0,293
CHR9	23440544	CHR9:23440544	SSF x Far_LoA	-9,58199441	-0,049	0,308
CHR9	23442084	CHR9:23442084	SSF x Far_LoA	-11,168242	0,019	0,304
CHR9	23444037	CHR9:23444037	SSF x Far_LoA	-12,162024	0,009	0,312
CHR9	23444496	CHR9:23444496	SSF x Far_LoA	-8,46511452	-0,112	0,313
CHR9	23444508	CHR9:23444508	SSF x Far_LoA	-7,09541413	-0,144	0,298
CHR9	23460658	CHR9:23460658	SSF x Far_LoA	-6,53425987	-0,107	0,316
CHR9	23460682	CHR9:23460682	SSF x Far_LoA	-9,72049769	0,081	0,301
CHR9	23460689	CHR9:23460689	SSF x Far_LoA	-7,10229676	0,085	0,309
CHR9	2347196	CHR9:2347196	SSF x Far_LoA	-9,40001391	0,023	0,311
CHR9	2347223	CHR9:2347223	SSF x Far_LoA	-11,0846547	0,034	0,305
CHR9	2347362	CHR9:2347362	SSF x Far_LoA	-8,79348258	0,006	0,314
CHR9	2347385	CHR9:2347385	SSF x Far_LoA	-9,53525099	0,028	0,309
CHR9	2347518	CHR9:2347518	SSF x Far_LoA	-9,25776126	0,002	0,320
CHR9	23495155	CHR9:23495155	SSF x Far_LoA	-7,57741352	0,004	0,299
CHR9	23495165	CHR9:23495165	SSF x Far_LoA	-8,96728184	0,038	0,304
CHR9	23496335	CHR9:23496335	SSF x Far_LoA	-9,22328282	0,138	0,305
CHR9	23496347	CHR9:23496347	SSF x Far_LoA	-10,9047777	0,013	0,296
CHR9	23496387	CHR9:23496387	SSF x Far_LoA	-3,48679234	-0,136	0,309
CHR9	23496604	CHR9:23496604	SSF x Far_LoA	-6,8957685	-0,085	0,307
CHR9	23496630	CHR9:23496630	SSF x Far_LoA	-9,80011159	0,001	0,314
CHR9	23512796	CHR9:23512796	SSF x Far_LoA	-7,24527586	0,146	0,296
CHR9	23512797	CHR9:23512797	SSF x Far_LoA	-8,07606268	0,091	0,290
CHR9	2352317	CHR9:2352317	SSF x Far_LoA	-8,70380929	-0,187	0,298
CHR9	2352332	CHR9:2352332	SSF x Far_LoA	-10,505434	0,002	0,309
CHR9	23525127	CHR9:23525127	SSF x Far_LoA	-9,42517826	-0,030	0,298
CHR9	23525215	CHR9:23525215	SSF x Far_LoA	-9,97746554	0,072	0,299
CHR9	23525239	CHR9:23525239	SSF x Far_LoA	-8,31300631	0,112	0,299
CHR9	23525336	CHR9:23525336	SSF x Far_LoA	-10,1406067	0,016	0,312
CHR9	23548774	CHR9:23548774	SSF x Far_LoA	-11,8412827	0,062	0,297
CHR9	23555844	CHR9:23555844	SSF x Far_LoA	-11,5129993	0,040	0,307
CHR9	23562420	CHR9:23562420	SSF x Far_LoA	-9,82062829	0,051	0,313
CHR9	23566703	CHR9:23566703	SSF x Far_LoA	-10,9783713	0,107	0,298
CHR9	23566706	CHR9:23566706	SSF x Far_LoA	-7,94835492	-0,123	0,294
CHR9	23566710	CHR9:23566710	SSF x Far_LoA	-10,0806419	-0,010	0,308
CHR9	23566816	CHR9:23566816	SSF x Far_LoA	-7,49853783	-0,056	0,311
CHR9	23566825	CHR9:23566825	SSF x Far_LoA	-11,1256635	0,090	0,304
CHR9	23566860	CHR9:23566860	SSF x Far_LoA	-7,76392791	0,126	0,297
CHR9	23566865	CHR9:23566865	SSF x Far_LoA	-9,04312846	0,089	0,299

CHR9	23566897	CHR9:23566897	SSF x Far_LoA	-8,65230944	-0,052	0,300
CHR9	2356917	CHR9:2356917	SSF x Far_LoA	-6,71327594	0,049	0,317
CHR9	2356929	CHR9:2356929	SSF x Far_LoA	-7,71456506	0,027	0,298
CHR9	23577712	CHR9:23577712	SSF x Far_LoA	-8,88910678	0,055	0,296
CHR9	23593990	CHR9:23593990	SSF x Far_LoA	-10,3075145	0,008	0,311
CHR9	23593994	CHR9:23593994	SSF x Far_LoA	-10,6851802	-0,014	0,311
CHR9	23594566	CHR9:23594566	SSF x Far_LoA	-8,89290316	-0,050	0,313
CHR9	23594570	CHR9:23594570	SSF x Far_LoA	-6,23007265	-0,041	0,315
CHR9	23594590	CHR9:23594590	SSF x Far_LoA	-11,8946186	-0,012	0,295
CHR9	23599796	CHR9:23599796	SSF x Far_LoA	-9,31388382	0,034	0,298
CHR9	23600024	CHR9:23600024	SSF x Far_LoA	-8,55867115	-0,062	0,312
CHR9	23606892	CHR9:23606892	SSF x Far_LoA	-8,92848093	0,081	0,297
CHR9	23606906	CHR9:23606906	SSF x Far_LoA	-11,5405197	0,056	0,302
CHR9	2361216	CHR9:2361216	SSF x Far_LoA	-8,95898998	0,026	0,298
CHR9	2361248	CHR9:2361248	SSF x Far_LoA	-9,68416542	0,056	0,332
CHR9	2361402	CHR9:2361402	SSF x Far_LoA	-10,4343792	0,092	0,309
CHR9	23626380	CHR9:23626380	SSF x Far_LoA	-12,1187004	0,019	0,294
CHR9	23626412	CHR9:23626412	SSF x Far_LoA	-9,5321651	-0,095	0,297
CHR9	23636584	CHR9:23636584	SSF x Far_LoA	-7,39664806	0,114	0,302
CHR9	23636915	CHR9:23636915	SSF x Far_LoA	-11,8906936	-0,074	0,312
CHR9	23641271	CHR9:23641271	SSF x Far_LoA	-10,8566876	-0,019	0,302
CHR9	23641413	CHR9:23641413	SSF x Far_LoA	-2,15341659	-0,114	0,317
CHR9	23652832	CHR9:23652832	SSF x Far_LoA	-11,8137827	-0,017	0,299
CHR9	23664935	CHR9:23664935	SSF x Far_LoA	-9,12750484	0,118	0,318
CHR9	23666108	CHR9:23666108	SSF x Far_LoA	-11,5820253	-0,082	0,305
CHR9	23666152	CHR9:23666152	SSF x Far_LoA	-2,1889405	-0,109	0,301
CHR9	23681610	CHR9:23681610	SSF x Far_LoA	-11,2229554	0,017	0,305
CHR9	23681739	CHR9:23681739	SSF x Far_LoA	-11,8023159	-0,089	0,300
CHR9	23697643	CHR9:23697643	SSF x Far_LoA	-11,3131201	-0,060	0,297
CHR9	23697644	CHR9:23697644	SSF x Far_LoA	-1,40766019	-0,186	0,293
CHR9	23697678	CHR9:23697678	SSF x Far_LoA	-11,6127224	-0,047	0,281
CHR9	23697819	CHR9:23697819	SSF x Far_LoA	-6,95432752	0,153	0,294
CHR9	23701459	CHR9:23701459	SSF x Far_LoA	-9,2804322	-0,020	0,303
CHR9	23701572	CHR9:23701572	SSF x Far_LoA	-6,19962941	-0,021	0,306
CHR9	2370208	CHR9:2370208	SSF x Far_LoA	-8,6249126	-0,032	0,316
CHR9	2370301	CHR9:2370301	SSF x Far_LoA	-8,26480791	0,036	0,304
CHR9	2370703	CHR9:2370703	SSF x Far_LoA	-11,1995938	0,071	0,312
CHR9	23707549	CHR9:23707549	SSF x Far_LoA	-10,7934129	0,084	0,298
CHR9	23718567	CHR9:23718567	SSF x Far_LoA	-9,88649976	0,012	0,319
CHR9	23718618	CHR9:23718618	SSF x Far_LoA	-8,44377588	0,131	0,301
CHR9	23720294	CHR9:23720294	SSF x Far_LoA	-11,2484724	0,023	0,307
CHR9	23723906	CHR9:23723906	SSF x Far_LoA	-5,58717066	0,062	0,311
CHR9	23723922	CHR9:23723922	SSF x Far_LoA	-9,62747329	-0,001	0,306
CHR9	23723923	CHR9:23723923	SSF x Far_LoA	-10,7839613	0,026	0,306
CHR9	23724019	CHR9:23724019	SSF x Far_LoA	-6,79547492	-0,177	0,302
CHR9	23724028	CHR9:23724028	SSF x Far_LoA	-11,8572816	-0,020	0,311
CHR9	23724448	CHR9:23724448	SSF x Far_LoA	-4,40685167	0,180	0,300
CHR9	23724522	CHR9:23724522	SSF x Far_LoA	-7,1337394	-0,129	0,315
CHR9	23740698	CHR9:23740698	SSF x Far_LoA	-8,93567304	0,112	0,296
CHR9	23740712	CHR9:23740712	SSF x Far_LoA	-8,24530813	0,096	0,288
CHR9	23740713	CHR9:23740713	SSF x Far_LoA	-6,18194657	0,110	0,289
CHR9	23740721	CHR9:23740721	SSF x Far_LoA	-3,52356704	-0,158	0,319
CHR9	23741111	CHR9:23741111	SSF x Far_LoA	-9,60105129	0,058	0,298

CHR9	23744560	CHR9:23744560	SSF x Far_LoA	-10,3275018	0,064	0,302
CHR9	23744701	CHR9:23744701	SSF x Far_LoA	-8,96448084	-0,064	0,315
CHR9	23744709	CHR9:23744709	SSF x Far_LoA	-10,9854492	0,143	0,287
CHR9	23744723	CHR9:23744723	SSF x Far_LoA	-7,15792903	-0,128	0,309
CHR9	23744759	CHR9:23744759	SSF x Far_LoA	-7,5982693	-0,138	0,311
CHR9	23748257	CHR9:23748257	SSF x Far_LoA	-9,38064245	0,022	0,308
CHR9	23758679	CHR9:23758679	SSF x Far_LoA	-10,790074	-0,075	0,312
CHR9	23758733	CHR9:23758733	SSF x Far_LoA	-6,3561571	0,097	0,304
CHR9	23758736	CHR9:23758736	SSF x Far_LoA	-11,3135029	-0,066	0,298
CHR9	23764042	CHR9:23764042	SSF x Far_LoA	-7,93192627	-0,007	0,297
CHR9	23764053	CHR9:23764053	SSF x Far_LoA	-7,79917899	0,167	0,291
CHR9	23774461	CHR9:23774461	SSF x Far_LoA	-7,27836391	-0,144	0,315
CHR9	23774616	CHR9:23774616	SSF x Far_LoA	-8,95493247	-0,061	0,312
CHR9	23774661	CHR9:23774661	SSF x Far_LoA	-7,97522673	-0,087	0,306
CHR9	23774711	CHR9:23774711	SSF x Far_LoA	-11,2973044	0,021	0,296
CHR9	2377582	CHR9:2377582	SSF x Far_LoA	-7,61465393	0,107	0,299
CHR9	23790069	CHR9:23790069	SSF x Far_LoA	-8,96758988	0,049	0,306
CHR9	23790088	CHR9:23790088	SSF x Far_LoA	-11,2645734	0,020	0,322
CHR9	23794574	CHR9:23794574	SSF x Far_LoA	-7,55601083	-0,051	0,305
CHR9	23794608	CHR9:23794608	SSF x Far_LoA	-11,2144698	-0,027	0,300
CHR9	23794684	CHR9:23794684	SSF x Far_LoA	-9,28222637	-0,062	0,311
CHR9	23795683	CHR9:23795683	SSF x Far_LoA	-8,81184199	0,077	0,306
CHR9	23797646	CHR9:23797646	SSF x Far_LoA	-10,2997028	-0,107	0,307
CHR9	23802608	CHR9:23802608	SSF x Far_LoA	-10,0281493	0,028	0,307
CHR9	23802805	CHR9:23802805	SSF x Far_LoA	-9,37983155	-0,021	0,281
CHR9	23809413	CHR9:23809413	SSF x Far_LoA	-9,94812707	-0,073	0,292
CHR9	23809414	CHR9:23809414	SSF x Far_LoA	-8,10902652	0,123	0,291
CHR9	2381107	CHR9:2381107	SSF x Far_LoA	-0,56828158	-0,015	0,307
CHR9	2381204	CHR9:2381204	SSF x Far_LoA	-8,75578304	0,065	0,305
CHR9	2381260	CHR9:2381260	SSF x Far_LoA	6,20635925	0,033	0,309
CHR9	23828736	CHR9:23828736	SSF x Far_LoA	-10,1537207	0,063	0,320
CHR9	23833871	CHR9:23833871	SSF x Far_LoA	-9,91747814	-0,110	0,306
CHR9	23833889	CHR9:23833889	SSF x Far_LoA	-6,91123389	-0,088	0,286
CHR9	2384053	CHR9:2384053	SSF x Far_LoA	-9,10389029	0,106	0,304
CHR9	2384074	CHR9:2384074	SSF x Far_LoA	-5,42313875	0,125	0,311
CHR9	23848394	CHR9:23848394	SSF x Far_LoA	-11,0349876	-0,032	0,304
CHR9	23849190	CHR9:23849190	SSF x Far_LoA	-8,73560325	-0,069	0,323
CHR9	23855901	CHR9:23855901	SSF x Far_LoA	-9,75585003	0,055	0,315
CHR9	23856188	CHR9:23856188	SSF x Far_LoA	-9,7962899	-0,002	0,303
CHR9	23856226	CHR9:23856226	SSF x Far_LoA	-8,63489363	-0,035	0,307
CHR9	23858698	CHR9:23858698	SSF x Far_LoA	-8,49618478	0,014	0,305
CHR9	23874940	CHR9:23874940	SSF x Far_LoA	-3,54057139	-0,130	0,301
CHR9	23875573	CHR9:23875573	SSF x Far_LoA	-8,5634159	-0,024	0,304
CHR9	23875584	CHR9:23875584	SSF x Far_LoA	-9,28540115	0,008	0,291
CHR9	23890412	CHR9:23890412	SSF x Far_LoA	-9,72250653	0,047	0,295
CHR9	23890492	CHR9:23890492	SSF x Far_LoA	-11,364219	0,073	0,305
CHR9	2389301	CHR9:2389301	SSF x Far_LoA	-9,90249958	-0,060	0,304
CHR9	2389336	CHR9:2389336	SSF x Far_LoA	-9,40289243	0,039	0,310
CHR9	2389399	CHR9:2389399	SSF x Far_LoA	-10,6943678	-0,021	0,298
CHR9	23921975	CHR9:23921975	SSF x Far_LoA	-5,34414885	-0,065	0,313
CHR9	23927088	CHR9:23927088	SSF x Far_LoA	-10,1498848	0,005	0,292
CHR9	23930478	CHR9:23930478	SSF x Far_LoA	-9,64567611	0,013	0,298
CHR9	23930509	CHR9:23930509	SSF x Far_LoA	-8,82984534	-0,071	0,303

CHR9	23930530	CHR9:23930530	SSF x Far_LoA	-7,19925382	-0,009	0,313
CHR9	23930531	CHR9:23930531	SSF x Far_LoA	-9,43226678	-0,001	0,303
CHR9	23930532	CHR9:23930532	SSF x Far_LoA	-8,16319252	-0,065	0,312
CHR9	2394102	CHR9:2394102	SSF x Far_LoA	4,71411197	-0,130	0,306
CHR9	23948399	CHR9:23948399	SSF x Far_LoA	-11,6378007	-0,072	0,311
CHR9	23961696	CHR9:23961696	SSF x Far_LoA	-10,4854161	-0,073	0,310
CHR9	23967949	CHR9:23967949	SSF x Far_LoA	-9,18037469	-0,035	0,305
CHR9	23988981	CHR9:23988981	SSF x Far_LoA	-6,80377284	-0,109	0,302
CHR9	23993858	CHR9:23993858	SSF x Far_LoA	-8,77143065	0,045	0,328
CHR9	2399452	CHR9:2399452	SSF x Far_LoA	-10,421296	-0,021	0,314
CHR9	23996417	CHR9:23996417	SSF x Far_LoA	-9,63835352	-0,084	0,305
CHR9	23996507	CHR9:23996507	SSF x Far_LoA	-9,71169098	-0,147	0,308
CHR9	2399929	CHR9:2399929	SSF x Far_LoA	-3,88496352	-0,036	0,312
CHR9	24008455	CHR9:24008455	SSF x Far_LoA	-6,72312718	-0,141	0,292
CHR9	24024583	CHR9:24024583	SSF x Far_LoA	-7,50389717	-0,115	0,305
CHR9	24024662	CHR9:24024662	SSF x Far_LoA	-8,41963496	0,065	0,305
CHR9	24024797	CHR9:24024797	SSF x Far_LoA	-8,67951718	-0,100	0,304
CHR9	2403619	CHR9:2403619	SSF x Far_LoA	-7,02193339	-0,093	0,301
CHR9	2403682	CHR9:2403682	SSF x Far_LoA	-7,37084957	0,113	0,305
CHR9	2403701	CHR9:2403701	SSF x Far_LoA	-7,42811602	0,092	0,306
CHR9	2403810	CHR9:2403810	SSF x Far_LoA	-10,4425729	-0,054	0,313
CHR9	2403822	CHR9:2403822	SSF x Far_LoA	-9,91935522	-0,061	0,324
CHR9	2403823	CHR9:2403823	SSF x Far_LoA	-10,3645363	-0,047	0,315
CHR9	2403824	CHR9:2403824	SSF x Far_LoA	-11,3260419	-0,054	0,302
CHR9	24048066	CHR9:24048066	SSF x Far_LoA	-10,8489881	-0,090	0,305
CHR9	24048088	CHR9:24048088	SSF x Far_LoA	-7,84653673	0,030	0,293
CHR9	24048221	CHR9:24048221	SSF x Far_LoA	-7,00457305	0,012	0,312
CHR9	2404900	CHR9:2404900	SSF x Far_LoA	-8,09349576	0,106	0,320
CHR9	24069395	CHR9:24069395	SSF x Far_LoA	-8,86307988	-0,092	0,314
CHR9	24069398	CHR9:24069398	SSF x Far_LoA	-8,17501937	-0,092	0,300
CHR9	24071778	CHR9:24071778	SSF x Far_LoA	-11,6593428	0,006	0,308
CHR9	24071922	CHR9:24071922	SSF x Far_LoA	-11,5445602	0,037	0,307
CHR9	24096307	CHR9:24096307	SSF x Far_LoA	-10,0063882	0,044	0,307
CHR9	24096492	CHR9:24096492	SSF x Far_LoA	-9,69962357	-0,075	0,305
CHR9	24096504	CHR9:24096504	SSF x Far_LoA	-9,33423575	0,023	0,300
CHR9	24096611	CHR9:24096611	SSF x Far_LoA	-8,87621014	0,121	0,295
CHR9	24105060	CHR9:24105060	SSF x Far_LoA	-10,8395883	-0,106	0,298
CHR9	24105095	CHR9:24105095	SSF x Far_LoA	-6,93157188	0,080	0,307
CHR9	24105199	CHR9:24105199	SSF x Far_LoA	-11,2866718	0,122	0,290
CHR9	24105202	CHR9:24105202	SSF x Far_LoA	-11,4649973	0,123	0,291
CHR9	24129639	CHR9:24129639	SSF x Far_LoA	-8,77475233	0,137	0,302
CHR9	24129641	CHR9:24129641	SSF x Far_LoA	-10,5759532	0,000	0,304
CHR9	24129716	CHR9:24129716	SSF x Far_LoA	-8,83708524	0,138	0,306
CHR9	2413060	CHR9:2413060	SSF x Far_LoA	-8,18156638	-0,003	0,316
CHR9	2413080	CHR9:2413080	SSF x Far_LoA	-9,29856896	-0,011	0,308
CHR9	2413102	CHR9:2413102	SSF x Far_LoA	-8,67726791	0,025	0,316
CHR9	2413104	CHR9:2413104	SSF x Far_LoA	-6,3348665	0,005	0,304
CHR9	2413106	CHR9:2413106	SSF x Far_LoA	-8,30704541	-0,006	0,326
CHR9	2413111	CHR9:2413111	SSF x Far_LoA	-7,53946258	0,016	0,321
CHR9	2413115	CHR9:2413115	SSF x Far_LoA	-6,12100217	0,002	0,332
CHR9	2413124	CHR9:2413124	SSF x Far_LoA	-8,98782518	-0,007	0,311
CHR9	2413129	CHR9:2413129	SSF x Far_LoA	-7,42224616	0,008	0,326
CHR9	2413131	CHR9:2413131	SSF x Far_LoA	-9,2921437	0,027	0,317

CHR9	2413140	CHR9:2413140	SSF x Far_LoA	-8,74503436	0,018	0,321
CHR9	2413161	CHR9:2413161	SSF x Far_LoA	-7,23994552	-0,006	0,318
CHR9	2413165	CHR9:2413165	SSF x Far_LoA	-8,89114229	0,034	0,308
CHR9	24134571	CHR9:24134571	SSF x Far_LoA	-9,13472087	-0,040	0,319
CHR9	24134580	CHR9:24134580	SSF x Far_LoA	-8,58530529	-0,050	0,306
CHR9	24134629	CHR9:24134629	SSF x Far_LoA	-7,37886548	-0,049	0,291
CHR9	24135441	CHR9:24135441	SSF x Far_LoA	-10,2408635	0,072	0,312
CHR9	24139162	CHR9:24139162	SSF x Far_LoA	-10,9788216	-0,042	0,299
CHR9	24139391	CHR9:24139391	SSF x Far_LoA	-10,2331599	0,050	0,308
CHR9	24147066	CHR9:24147066	SSF x Far_LoA	-7,65861021	-0,072	0,303
CHR9	24158246	CHR9:24158246	SSF x Far_LoA	-9,98368823	-0,003	0,318
CHR9	24158306	CHR9:24158306	SSF x Far_LoA	-8,62151006	-0,018	0,319
CHR9	24158390	CHR9:24158390	SSF x Far_LoA	-10,5333372	-0,014	0,318
CHR9	24163304	CHR9:24163304	SSF x Far_LoA	-3,71861924	-0,167	0,288
CHR9	24163446	CHR9:24163446	SSF x Far_LoA	-9,23114166	-0,152	0,303
CHR9	24163469	CHR9:24163469	SSF x Far_LoA	-9,05846983	-0,102	0,300
CHR9	24163559	CHR9:24163559	SSF x Far_LoA	-10,7982908	-0,025	0,293
CHR9	24163574	CHR9:24163574	SSF x Far_LoA	-9,17783502	-0,008	0,304
CHR9	24164693	CHR9:24164693	SSF x Far_LoA	-8,7151252	0,139	0,289
CHR9	24164910	CHR9:24164910	SSF x Far_LoA	-10,2087563	0,038	0,320
CHR9	24174807	CHR9:24174807	SSF x Far_LoA	-9,69913288	0,009	0,307
CHR9	24174917	CHR9:24174917	SSF x Far_LoA	-10,0999393	0,003	0,302
CHR9	24174960	CHR9:24174960	SSF x Far_LoA	-10,4090922	0,082	0,313
CHR9	24177631	CHR9:24177631	SSF x Far_LoA	-8,92792794	0,037	0,317
CHR9	24177709	CHR9:24177709	SSF x Far_LoA	-11,6110983	0,018	0,301
CHR9	24177848	CHR9:24177848	SSF x Far_LoA	-7,61123748	-0,085	0,310
CHR9	24181136	CHR9:24181136	SSF x Far_LoA	-7,19503446	-0,037	0,329
CHR9	24181170	CHR9:24181170	SSF x Far_LoA	-8,47355266	-0,101	0,322
CHR9	24181299	CHR9:24181299	SSF x Far_LoA	-9,29570581	-0,004	0,317
CHR9	24187471	CHR9:24187471	SSF x Far_LoA	-8,25119254	0,018	0,324
CHR9	24187482	CHR9:24187482	SSF x Far_LoA	-9,31733311	0,012	0,305
CHR9	24187550	CHR9:24187550	SSF x Far_LoA	-8,8367573	-0,056	0,307
CHR9	24187575	CHR9:24187575	SSF x Far_LoA	-7,34859974	0,043	0,307
CHR9	24188298	CHR9:24188298	SSF x Far_LoA	-9,60446572	-0,040	0,302
CHR9	24188335	CHR9:24188335	SSF x Far_LoA	-8,36863259	-0,115	0,286
CHR9	24188336	CHR9:24188336	SSF x Far_LoA	-7,88273292	-0,058	0,302
CHR9	24188337	CHR9:24188337	SSF x Far_LoA	-5,2773797	-0,129	0,312
CHR9	24188341	CHR9:24188341	SSF x Far_LoA	-8,88997464	-0,097	0,282
CHR9	24197085	CHR9:24197085	SSF x Far_LoA	-8,17834787	0,045	0,309
CHR9	24201737	CHR9:24201737	SSF x Far_LoA	-10,7038727	0,123	0,287
CHR9	24201874	CHR9:24201874	SSF x Far_LoA	-9,37490615	-0,041	0,299
CHR9	24201982	CHR9:24201982	SSF x Far_LoA	-10,3187102	0,074	0,316
CHR9	24201996	CHR9:24201996	SSF x Far_LoA	-7,32100939	-0,144	0,307
CHR9	24217640	CHR9:24217640	SSF x Far_LoA	-7,78900248	0,138	0,301
CHR9	24217648	CHR9:24217648	SSF x Far_LoA	-9,74569025	-0,095	0,282
CHR9	24217693	CHR9:24217693	SSF x Far_LoA	-8,9696106	-0,090	0,289
CHR9	24237734	CHR9:24237734	SSF x Far_LoA	-8,59673198	0,014	0,314
CHR9	24248516	CHR9:24248516	SSF x Far_LoA	-10,3899029	0,036	0,296
CHR9	24248554	CHR9:24248554	SSF x Far_LoA	-6,49317216	-0,138	0,277
CHR9	24248999	CHR9:24248999	SSF x Far_LoA	-7,79689154	0,112	0,298
CHR9	24254969	CHR9:24254969	SSF x Far_LoA	-11,3243083	-0,066	0,315
CHR9	24254970	CHR9:24254970	SSF x Far_LoA	-11,2749851	-0,032	0,318
CHR9	24256990	CHR9:24256990	SSF x Far_LoA	-10,3852363	-0,038	0,303

CHR9	24264828	CHR9:24264828	SSF x Far_LoA	-9,59011523	-0,151	0,301
CHR9	24264997	CHR9:24264997	SSF x Far_LoA	-10,9702783	0,067	0,301
CHR9	24267654	CHR9:24267654	SSF x Far_LoA	-10,3913147	0,038	0,297
CHR9	24267818	CHR9:24267818	SSF x Far_LoA	-10,1198571	-0,062	0,301
CHR9	24271027	CHR9:24271027	SSF x Far_LoA	-7,89426132	0,038	0,311
CHR9	24271110	CHR9:24271110	SSF x Far_LoA	-11,368748	-0,033	0,303
CHR9	2427141	CHR9:2427141	SSF x Far_LoA	-9,38790453	-0,110	0,298
CHR9	2427226	CHR9:2427226	SSF x Far_LoA	-7,81033851	-0,041	0,312
CHR9	24273296	CHR9:24273296	SSF x Far_LoA	-7,10397088	-0,144	0,305
CHR9	24273308	CHR9:24273308	SSF x Far_LoA	-9,45042489	0,049	0,303
CHR9	24273440	CHR9:24273440	SSF x Far_LoA	-11,7228516	-0,027	0,315
CHR9	24273530	CHR9:24273530	SSF x Far_LoA	-9,77114641	-0,012	0,303
CHR9	24273555	CHR9:24273555	SSF x Far_LoA	-10,1600188	0,001	0,316
CHR9	24289916	CHR9:24289916	SSF x Far_LoA	-10,1870696	-0,036	0,315
CHR9	24290134	CHR9:24290134	SSF x Far_LoA	-9,10665309	0,033	0,304
CHR9	24290899	CHR9:24290899	SSF x Far_LoA	-10,5806132	0,062	0,300
CHR9	24295055	CHR9:24295055	SSF x Far_LoA	-8,94679802	-0,113	0,311
CHR9	24295058	CHR9:24295058	SSF x Far_LoA	-11,0776678	0,041	0,288
CHR9	24295108	CHR9:24295108	SSF x Far_LoA	-10,6243415	-0,007	0,305
CHR9	24295110	CHR9:24295110	SSF x Far_LoA	-11,0442795	0,006	0,309
CHR9	24295113	CHR9:24295113	SSF x Far_LoA	-9,42613927	-0,014	0,310
CHR9	24295171	CHR9:24295171	SSF x Far_LoA	-10,3503839	-0,102	0,318
CHR9	2430272	CHR9:2430272	SSF x Far_LoA	-6,85900147	0,116	0,301
CHR9	24307085	CHR9:24307085	SSF x Far_LoA	-3,02295477	-0,008	0,312
CHR9	24307099	CHR9:24307099	SSF x Far_LoA	-9,38233563	0,001	0,307
CHR9	24311825	CHR9:24311825	SSF x Far_LoA	-10,233558	-0,072	0,305
CHR9	24311990	CHR9:24311990	SSF x Far_LoA	-11,0912313	0,020	0,301
CHR9	24311992	CHR9:24311992	SSF x Far_LoA	-10,0288179	-0,044	0,301
CHR9	24312001	CHR9:24312001	SSF x Far_LoA	-6,75427214	0,088	0,310
CHR9	24330153	CHR9:24330153	SSF x Far_LoA	-7,19729411	-0,125	0,296
CHR9	24341337	CHR9:24341337	SSF x Far_LoA	-9,39479404	0,101	0,305
CHR9	24341354	CHR9:24341354	SSF x Far_LoA	-9,0915514	0,054	0,318
CHR9	24341623	CHR9:24341623	SSF x Far_LoA	-10,1462945	0,053	0,307
CHR9	24341626	CHR9:24341626	SSF x Far_LoA	-7,8604403	-0,137	0,299
CHR9	24341659	CHR9:24341659	SSF x Far_LoA	-5,8201726	-0,130	0,316
CHR9	24341712	CHR9:24341712	SSF x Far_LoA	-9,01405548	-0,046	0,314
CHR9	24349396	CHR9:24349396	SSF x Far_LoA	-8,55349296	-0,118	0,301
CHR9	24353282	CHR9:24353282	SSF x Far_LoA	-8,82268074	-0,074	0,306
CHR9	24363693	CHR9:24363693	SSF x Far_LoA	-9,13208309	-0,082	0,283
CHR9	24363806	CHR9:24363806	SSF x Far_LoA	-9,10416772	0,079	0,314
CHR9	2436396	CHR9:2436396	SSF x Far_LoA	-9,46835923	-0,093	0,309
CHR9	2436444	CHR9:2436444	SSF x Far_LoA	-8,5441497	-0,126	0,303
CHR9	24368200	CHR9:24368200	SSF x Far_LoA	-10,8830224	0,112	0,299
CHR9	24368527	CHR9:24368527	SSF x Far_LoA	-8,6327954	0,042	0,310
CHR9	24380418	CHR9:24380418	SSF x Far_LoA	-8,78421234	-0,022	0,297
CHR9	24380479	CHR9:24380479	SSF x Far_LoA	-10,5144846	0,055	0,307
CHR9	24382580	CHR9:24382580	SSF x Far_LoA	-9,62451424	-0,093	0,315
CHR9	24382683	CHR9:24382683	SSF x Far_LoA	-9,50516941	0,024	0,301
CHR9	24396959	CHR9:24396959	SSF x Far_LoA	-10,2147321	-0,134	0,292
CHR9	24410021	CHR9:24410021	SSF x Far_LoA	-11,8547147	0,077	0,307
CHR9	24410589	CHR9:24410589	SSF x Far_LoA	-9,22701775	-0,027	0,293
CHR9	2441749	CHR9:2441749	SSF x Far_LoA	-10,6769295	0,031	0,297
CHR9	24419411	CHR9:24419411	SSF x Far_LoA	-9,4290333	0,008	0,301

CHR9	24424401	CHR9:24424401	SSF x Far_LoA	-4,66490858	-0,165	0,296
CHR9	24424411	CHR9:24424411	SSF x Far_LoA	-8,42011023	0,019	0,308
CHR9	24439067	CHR9:24439067	SSF x Far_LoA	-9,69002456	0,082	0,301
CHR9	24439301	CHR9:24439301	SSF x Far_LoA	-8,72241109	0,039	0,315
CHR9	24460904	CHR9:24460904	SSF x Far_LoA	-8,75148717	0,011	0,306
CHR9	24460915	CHR9:24460915	SSF x Far_LoA	-10,2272045	-0,051	0,311
CHR9	24460926	CHR9:24460926	SSF x Far_LoA	-10,476081	0,068	0,304
CHR9	24461001	CHR9:24461001	SSF x Far_LoA	-8,86932909	0,028	0,308
CHR9	24461046	CHR9:24461046	SSF x Far_LoA	-11,8971331	0,050	0,305
CHR9	24463202	CHR9:24463202	SSF x Far_LoA	-9,93137842	-0,032	0,299
CHR9	24463388	CHR9:24463388	SSF x Far_LoA	-10,4862693	0,056	0,301
CHR9	24468072	CHR9:24468072	SSF x Far_LoA	-9,45407074	-0,010	0,304
CHR9	24474661	CHR9:24474661	SSF x Far_LoA	-5,94073276	-0,138	0,312
CHR9	24474664	CHR9:24474664	SSF x Far_LoA	-8,4046337	-0,127	0,310
CHR9	24487962	CHR9:24487962	SSF x Far_LoA	-9,13870202	0,083	0,320
CHR9	24492656	CHR9:24492656	SSF x Far_LoA	-9,76745391	-0,016	0,317
CHR9	24492905	CHR9:24492905	SSF x Far_LoA	-7,56355687	0,015	0,316
CHR9	24500028	CHR9:24500028	SSF x Far_LoA	-9,57141307	-0,137	0,307
CHR9	24500052	CHR9:24500052	SSF x Far_LoA	-9,31807196	0,073	0,319
CHR9	24500062	CHR9:24500062	SSF x Far_LoA	-6,9302424	-0,011	0,313
CHR9	24500071	CHR9:24500071	SSF x Far_LoA	-9,57458935	-0,020	0,307
CHR9	24500073	CHR9:24500073	SSF x Far_LoA	-9,29909971	-0,003	0,302
CHR9	24500252	CHR9:24500252	SSF x Far_LoA	-10,584753	0,029	0,316
CHR9	24500323	CHR9:24500323	SSF x Far_LoA	-3,4271054	0,064	0,305
CHR9	24502847	CHR9:24502847	SSF x Far_LoA	-10,535393	0,116	0,308
CHR9	24502937	CHR9:24502937	SSF x Far_LoA	-9,60115534	-0,136	0,304
CHR9	24502942	CHR9:24502942	SSF x Far_LoA	-9,95107099	0,010	0,305
CHR9	24502968	CHR9:24502968	SSF x Far_LoA	-10,1457587	-0,149	0,297
CHR9	24503070	CHR9:24503070	SSF x Far_LoA	-10,3660145	-0,044	0,321
CHR9	24504232	CHR9:24504232	SSF x Far_LoA	-8,31923304	-0,132	0,312
CHR9	24505926	CHR9:24505926	SSF x Far_LoA	-8,19183531	0,050	0,301
CHR9	24507195	CHR9:24507195	SSF x Far_LoA	-10,162508	-0,026	0,307
CHR9	24507199	CHR9:24507199	SSF x Far_LoA	-8,90399799	0,076	0,311
CHR9	24507271	CHR9:24507271	SSF x Far_LoA	-12,3848809	-0,016	0,305
CHR9	24507284	CHR9:24507284	SSF x Far_LoA	-9,68914756	-0,093	0,290
CHR9	2450818	CHR9:2450818	SSF x Far_LoA	-11,0205748	0,026	0,313
CHR9	24512896	CHR9:24512896	SSF x Far_LoA	-9,13805878	0,085	0,299
CHR9	24515169	CHR9:24515169	SSF x Far_LoA	-8,65855179	0,093	0,296
CHR9	24515175	CHR9:24515175	SSF x Far_LoA	-10,1928201	0,022	0,308
CHR9	24516698	CHR9:24516698	SSF x Far_LoA	-10,8568077	0,001	0,295
CHR9	24516838	CHR9:24516838	SSF x Far_LoA	-11,5622894	0,029	0,311
CHR9	24531924	CHR9:24531924	SSF x Far_LoA	-9,93431555	-0,073	0,318
CHR9	24531937	CHR9:24531937	SSF x Far_LoA	-9,6382774	0,081	0,299
CHR9	24533600	CHR9:24533600	SSF x Far_LoA	-10,8641223	0,112	0,308
CHR9	24539876	CHR9:24539876	SSF x Far_LoA	-6,68713719	0,108	0,303
CHR9	24540101	CHR9:24540101	SSF x Far_LoA	-9,78294182	0,083	0,308
CHR9	24541972	CHR9:24541972	SSF x Far_LoA	-11,1916223	-0,101	0,315
CHR9	24541973	CHR9:24541973	SSF x Far_LoA	-7,43161202	-0,090	0,304
CHR9	24542155	CHR9:24542155	SSF x Far_LoA	-6,88388298	-0,026	0,329
CHR9	2454532	CHR9:2454532	SSF x Far_LoA	-7,57681812	-0,033	0,306
CHR9	2454572	CHR9:2454572	SSF x Far_LoA	-8,79808192	0,003	0,327
CHR9	2454574	CHR9:2454574	SSF x Far_LoA	-9,45659305	-0,110	0,310
CHR9	2454600	CHR9:2454600	SSF x Far_LoA	-9,2294142	0,020	0,305

CHR9	24547452	CHR9:24547452	SSF x Far_LoA	-9,33733668	-0,099	0,307
CHR9	24547458	CHR9:24547458	SSF x Far_LoA	-5,2474052	0,009	0,313
CHR9	24547471	CHR9:24547471	SSF x Far_LoA	-9,66179338	-0,069	0,309
CHR9	24551761	CHR9:24551761	SSF x Far_LoA	-7,6009346	0,181	0,299
CHR9	24552937	CHR9:24552937	SSF x Far_LoA	-11,6497187	-0,054	0,306
CHR9	24552987	CHR9:24552987	SSF x Far_LoA	-7,58181017	0,152	0,298
CHR9	24577897	CHR9:24577897	SSF x Far_LoA	-8,57151528	-0,008	0,296
CHR9	24577914	CHR9:24577914	SSF x Far_LoA	-9,49584191	0,097	0,301
CHR9	24577916	CHR9:24577916	SSF x Far_LoA	-8,42380764	-0,024	0,318
CHR9	24590696	CHR9:24590696	SSF x Far_LoA	-10,4780017	0,079	0,313
CHR9	24596490	CHR9:24596490	SSF x Far_LoA	-5,88288931	0,211	0,297
CHR9	24596568	CHR9:24596568	SSF x Far_LoA	-5,30295238	0,096	0,297
CHR9	24596601	CHR9:24596601	SSF x Far_LoA	-8,14060622	-0,119	0,302
CHR9	24596635	CHR9:24596635	SSF x Far_LoA	-10,1492569	-0,070	0,303
CHR9	24596650	CHR9:24596650	SSF x Far_LoA	-9,99072965	-0,091	0,311
CHR9	24596660	CHR9:24596660	SSF x Far_LoA	-11,2324459	-0,029	0,295
CHR9	24596662	CHR9:24596662	SSF x Far_LoA	-10,645806	-0,062	0,302
CHR9	24596663	CHR9:24596663	SSF x Far_LoA	-8,82055447	-0,076	0,294
CHR9	24596665	CHR9:24596665	SSF x Far_LoA	-10,046486	0,000	0,303
CHR9	24596680	CHR9:24596680	SSF x Far_LoA	-5,64677579	0,129	0,307
CHR9	24603668	CHR9:24603668	SSF x Far_LoA	-10,0303735	0,057	0,297
CHR9	24611221	CHR9:24611221	SSF x Far_LoA	-9,9926948	-0,114	0,308
CHR9	24612453	CHR9:24612453	SSF x Far_LoA	-10,2828089	0,043	0,301
CHR9	24612497	CHR9:24612497	SSF x Far_LoA	-10,465666	-0,005	0,309
CHR9	24612514	CHR9:24612514	SSF x Far_LoA	-8,95664085	-0,067	0,304
CHR9	24612549	CHR9:24612549	SSF x Far_LoA	-9,20716701	-0,025	0,313
CHR9	24632528	CHR9:24632528	SSF x Far_LoA	-7,50998227	0,075	0,308
CHR9	24632548	CHR9:24632548	SSF x Far_LoA	-9,9591561	0,098	0,293
CHR9	2463724	CHR9:2463724	SSF x Far_LoA	-9,64582402	-0,101	0,286
CHR9	2463858	CHR9:2463858	SSF x Far_LoA	-8,47427601	0,061	0,313
CHR9	2463869	CHR9:2463869	SSF x Far_LoA	-9,38797195	0,079	0,297
CHR9	2463916	CHR9:2463916	SSF x Far_LoA	-7,95288543	0,028	0,327
CHR9	2463943	CHR9:2463943	SSF x Far_LoA	-9,18443216	0,076	0,291
CHR9	2463969	CHR9:2463969	SSF x Far_LoA	-8,37951883	0,068	0,326
CHR9	24647665	CHR9:24647665	SSF x Far_LoA	-9,62677357	-0,104	0,314
CHR9	24652329	CHR9:24652329	SSF x Far_LoA	-9,65662742	-0,070	0,319
CHR9	24654669	CHR9:24654669	SSF x Far_LoA	-9,49759729	-0,056	0,295
CHR9	24654703	CHR9:24654703	SSF x Far_LoA	-8,83192539	-0,103	0,305
CHR9	2465803	CHR9:2465803	SSF x Far_LoA	-8,88109523	-0,060	0,317
CHR9	2465806	CHR9:2465806	SSF x Far_LoA	-11,6962311	0,058	0,297
CHR9	2465855	CHR9:2465855	SSF x Far_LoA	-11,548639	0,043	0,311
CHR9	24659199	CHR9:24659199	SSF x Far_LoA	-10,1621015	0,045	0,304
CHR9	24659257	CHR9:24659257	SSF x Far_LoA	-10,5468831	0,015	0,298
CHR9	24659262	CHR9:24659262	SSF x Far_LoA	-10,4853246	0,052	0,312
CHR9	24659328	CHR9:24659328	SSF x Far_LoA	-6,77234212	0,198	0,299
CHR9	24659451	CHR9:24659451	SSF x Far_LoA	-10,4742573	-0,016	0,308
CHR9	24661566	CHR9:24661566	SSF x Far_LoA	-10,5606736	0,018	0,327
CHR9	24671993	CHR9:24671993	SSF x Far_LoA	-9,88401363	0,047	0,306
CHR9	24672052	CHR9:24672052	SSF x Far_LoA	-10,7646168	-0,062	0,301
CHR9	24672076	CHR9:24672076	SSF x Far_LoA	-3,70023212	0,053	0,311
CHR9	24685058	CHR9:24685058	SSF x Far_LoA	-10,3259104	-0,124	0,300
CHR9	24685063	CHR9:24685063	SSF x Far_LoA	-9,11635134	-0,107	0,310
CHR9	24685204	CHR9:24685204	SSF x Far_LoA	-8,17537906	0,006	0,299

CHR9	24685431	CHR9:24685431	SSF x Far_LoA	-8,54874801	0,056	0,309
CHR9	24685493	CHR9:24685493	SSF x Far_LoA	-6,64406149	0,013	0,301
CHR9	24689227	CHR9:24689227	SSF x Far_LoA	-6,08687663	-0,197	0,303
CHR9	24689261	CHR9:24689261	SSF x Far_LoA	-10,7951667	0,171	0,301
CHR9	24696763	CHR9:24696763	SSF x Far_LoA	-8,66000908	-0,004	0,308
CHR9	24696770	CHR9:24696770	SSF x Far_LoA	-11,5415143	0,003	0,298
CHR9	24696797	CHR9:24696797	SSF x Far_LoA	-8,56936626	0,037	0,293
CHR9	24696808	CHR9:24696808	SSF x Far_LoA	-9,85836903	0,003	0,289
CHR9	24696809	CHR9:24696809	SSF x Far_LoA	-9,66133242	-0,093	0,299
CHR9	24696880	CHR9:24696880	SSF x Far_LoA	-9,3913429	0,053	0,317
CHR9	24708044	CHR9:24708044	SSF x Far_LoA	-11,9314635	-0,068	0,309
CHR9	24708048	CHR9:24708048	SSF x Far_LoA	-9,79853667	-0,143	0,308
CHR9	24712251	CHR9:24712251	SSF x Far_LoA	-8,36772125	-0,071	0,308
CHR9	24712473	CHR9:24712473	SSF x Far_LoA	-8,58408935	0,013	0,300
CHR9	24715931	CHR9:24715931	SSF x Far_LoA	-9,31158701	0,049	0,307
CHR9	24715976	CHR9:24715976	SSF x Far_LoA	-9,28853154	0,049	0,308
CHR9	24717774	CHR9:24717774	SSF x Far_LoA	-11,7415764	-0,042	0,307
CHR9	24752347	CHR9:24752347	SSF x Far_LoA	-8,32237154	0,045	0,305
CHR9	24752369	CHR9:24752369	SSF x Far_LoA	-8,216938	-0,124	0,296
CHR9	24752630	CHR9:24752630	SSF x Far_LoA	-11,5093416	-0,132	0,290
CHR9	24762743	CHR9:24762743	SSF x Far_LoA	-6,33231878	0,075	0,313
CHR9	24765411	CHR9:24765411	SSF x Far_LoA	-10,1657283	0,083	0,296
CHR9	2477298	CHR9:2477298	SSF x Far_LoA	-11,2008668	-0,144	0,302
CHR9	24779035	CHR9:24779035	SSF x Far_LoA	-8,85260259	-0,016	0,317
CHR9	24781907	CHR9:24781907	SSF x Far_LoA	-7,80859688	-0,046	0,315
CHR9	24781913	CHR9:24781913	SSF x Far_LoA	-8,16964274	-0,059	0,318
CHR9	24781949	CHR9:24781949	SSF x Far_LoA	-10,7536634	-0,009	0,314
CHR9	24781976	CHR9:24781976	SSF x Far_LoA	-11,0414078	-0,033	0,301
CHR9	24782070	CHR9:24782070	SSF x Far_LoA	-10,0529053	-0,041	0,301
CHR9	24787267	CHR9:24787267	SSF x Far_LoA	-10,7111941	-0,095	0,309
CHR9	24787309	CHR9:24787309	SSF x Far_LoA	-5,48777728	0,100	0,301
CHR9	24787310	CHR9:24787310	SSF x Far_LoA	-8,10422376	0,090	0,314
CHR9	24789955	CHR9:24789955	SSF x Far_LoA	-8,73770509	-0,145	0,300
CHR9	24789994	CHR9:24789994	SSF x Far_LoA	-9,65627374	-0,011	0,298
CHR9	24790105	CHR9:24790105	SSF x Far_LoA	-9,16558378	-0,053	0,310
CHR9	2480239	CHR9:2480239	SSF x Far_LoA	-9,20515385	0,094	0,314
CHR9	2480807	CHR9:2480807	SSF x Far_LoA	-11,7810966	0,016	0,305
CHR9	2480919	CHR9:2480919	SSF x Far_LoA	-7,45958239	-0,090	0,301
CHR9	24809794	CHR9:24809794	SSF x Far_LoA	-5,73941209	-0,024	0,325
CHR9	24815896	CHR9:24815896	SSF x Far_LoA	-10,5815099	0,021	0,310
CHR9	24816068	CHR9:24816068	SSF x Far_LoA	-10,5346624	-0,004	0,316
CHR9	24816200	CHR9:24816200	SSF x Far_LoA	-6,89255093	-0,086	0,298
CHR9	24816225	CHR9:24816225	SSF x Far_LoA	-10,462617	0,055	0,316
CHR9	24816268	CHR9:24816268	SSF x Far_LoA	-10,2199798	-0,036	0,299
CHR9	24830565	CHR9:24830565	SSF x Far_LoA	-10,1823221	-0,056	0,306
CHR9	24830657	CHR9:24830657	SSF x Far_LoA	-4,78085764	-0,113	0,303
CHR9	24830722	CHR9:24830722	SSF x Far_LoA	-4,56921695	-0,128	0,296
CHR9	24855296	CHR9:24855296	SSF x Far_LoA	-8,13234492	0,084	0,296
CHR9	24855419	CHR9:24855419	SSF x Far_LoA	-9,31933893	0,103	0,301
CHR9	24855436	CHR9:24855436	SSF x Far_LoA	-7,31175079	-0,112	0,317
CHR9	24856153	CHR9:24856153	SSF x Far_LoA	-9,51481858	0,001	0,305
CHR9	24856167	CHR9:24856167	SSF x Far_LoA	-8,77220115	0,005	0,308
CHR9	24856270	CHR9:24856270	SSF x Far_LoA	-9,22254806	-0,056	0,306

CHR9	24857106	CHR9:24857106	SSF x Far_LoA	-7,1885546	0,094	0,307
CHR9	24857152	CHR9:24857152	SSF x Far_LoA	-10,3084821	0,001	0,296
CHR9	24859908	CHR9:24859908	SSF x Far_LoA	-6,67314965	0,070	0,317
CHR9	24863387	CHR9:24863387	SSF x Far_LoA	-10,5868882	0,056	0,297
CHR9	24863593	CHR9:24863593	SSF x Far_LoA	-5,45287824	0,090	0,293
CHR9	24863674	CHR9:24863674	SSF x Far_LoA	-10,6275448	0,131	0,277
CHR9	24863687	CHR9:24863687	SSF x Far_LoA	-10,2099485	-0,089	0,317
CHR9	24863696	CHR9:24863696	SSF x Far_LoA	-9,67592794	-0,021	0,302
CHR9	24866159	CHR9:24866159	SSF x Far_LoA	-10,8621733	-0,092	0,296
CHR9	24866267	CHR9:24866267	SSF x Far_LoA	-9,68403094	-0,039	0,297
CHR9	24866278	CHR9:24866278	SSF x Far_LoA	-8,5632455	0,012	0,306
CHR9	24866290	CHR9:24866290	SSF x Far_LoA	-10,2154483	0,068	0,295
CHR9	24866298	CHR9:24866298	SSF x Far_LoA	-9,97420201	-0,062	0,309
CHR9	24866304	CHR9:24866304	SSF x Far_LoA	-11,2531869	-0,019	0,311
CHR9	24866362	CHR9:24866362	SSF x Far_LoA	-8,59541105	0,097	0,306
CHR9	24866370	CHR9:24866370	SSF x Far_LoA	-10,1404759	-0,019	0,302
CHR9	24878757	CHR9:24878757	SSF x Far_LoA	-8,45334274	-0,048	0,299
CHR9	2488645	CHR9:2488645	SSF x Far_LoA	-11,2027481	-0,019	0,308
CHR9	2488664	CHR9:2488664	SSF x Far_LoA	-9,45376325	-0,185	0,292
CHR9	2488672	CHR9:2488672	SSF x Far_LoA	-9,08944754	-0,008	0,308
CHR9	2488704	CHR9:2488704	SSF x Far_LoA	-8,20822692	0,005	0,319
CHR9	2488720	CHR9:2488720	SSF x Far_LoA	-11,8263402	-0,031	0,299
CHR9	2488729	CHR9:2488729	SSF x Far_LoA	-10,4489507	0,059	0,310
CHR9	2488926	CHR9:2488926	SSF x Far_LoA	-11,7562878	-0,013	0,301
CHR9	2488975	CHR9:2488975	SSF x Far_LoA	-9,49186275	-0,138	0,305
CHR9	24891163	CHR9:24891163	SSF x Far_LoA	-9,91162438	0,012	0,298
CHR9	24899351	CHR9:24899351	SSF x Far_LoA	-9,89937908	0,040	0,303
CHR9	24905260	CHR9:24905260	SSF x Far_LoA	-10,6618321	0,137	0,295
CHR9	24905360	CHR9:24905360	SSF x Far_LoA	-10,7789506	-0,086	0,298
CHR9	24910043	CHR9:24910043	SSF x Far_LoA	-8,96545419	0,011	0,309
CHR9	24910131	CHR9:24910131	SSF x Far_LoA	-7,47917356	0,065	0,292
CHR9	24910321	CHR9:24910321	SSF x Far_LoA	-8,74843368	0,008	0,301
CHR9	24913655	CHR9:24913655	SSF x Far_LoA	-8,41318679	0,031	0,321
CHR9	24913663	CHR9:24913663	SSF x Far_LoA	-9,29809982	0,056	0,301
CHR9	2491679	CHR9:2491679	SSF x Far_LoA	-3,20764401	0,198	0,298
CHR9	2491695	CHR9:2491695	SSF x Far_LoA	-9,73572097	0,018	0,306
CHR9	2491723	CHR9:2491723	SSF x Far_LoA	-10,0629924	0,047	0,314
CHR9	2491739	CHR9:2491739	SSF x Far_LoA	-8,40901951	-0,071	0,304
CHR9	2491750	CHR9:2491750	SSF x Far_LoA	-11,1793722	0,095	0,292
CHR9	2491760	CHR9:2491760	SSF x Far_LoA	-8,62861797	-0,062	0,306
CHR9	2491789	CHR9:2491789	SSF x Far_LoA	-10,3096021	0,054	0,309
CHR9	2491811	CHR9:2491811	SSF x Far_LoA	-12,0745978	-0,045	0,298
CHR9	24919960	CHR9:24919960	SSF x Far_LoA	-9,7618177	0,043	0,302
CHR9	24919995	CHR9:24919995	SSF x Far_LoA	-11,4505001	-0,043	0,306
CHR9	24920003	CHR9:24920003	SSF x Far_LoA	-10,2923394	-0,005	0,304
CHR9	24932008	CHR9:24932008	SSF x Far_LoA	-10,2020226	-0,010	0,299
CHR9	24932134	CHR9:24932134	SSF x Far_LoA	-9,13614601	-0,100	0,310
CHR9	24932181	CHR9:24932181	SSF x Far_LoA	-8,92701307	-0,070	0,307
CHR9	24932247	CHR9:24932247	SSF x Far_LoA	-9,84309785	0,135	0,298
CHR9	24936650	CHR9:24936650	SSF x Far_LoA	-9,49738225	-0,049	0,303
CHR9	24938385	CHR9:24938385	SSF x Far_LoA	-6,45257053	0,153	0,298
CHR9	24938466	CHR9:24938466	SSF x Far_LoA	-10,7204056	0,026	0,306
CHR9	24947838	CHR9:24947838	SSF x Far_LoA	-10,4533101	0,067	0,295

CHR9	24947851	CHR9:24947851	SSF x Far_LoA	-11,385967	0,004	0,292
CHR9	24947911	CHR9:24947911	SSF x Far_LoA	-9,94059038	-0,150	0,305
CHR9	24950421	CHR9:24950421	SSF x Far_LoA	-11,3428446	0,083	0,316
CHR9	24960257	CHR9:24960257	SSF x Far_LoA	-9,3162082	0,043	0,315
CHR9	24960460	CHR9:24960460	SSF x Far_LoA	-8,93351495	-0,007	0,311
CHR9	24960488	CHR9:24960488	SSF x Far_LoA	-9,7050793	0,056	0,309
CHR9	24962703	CHR9:24962703	SSF x Far_LoA	-7,57766296	0,168	0,301
CHR9	24962715	CHR9:24962715	SSF x Far_LoA	-11,0428953	-0,061	0,291
CHR9	24966215	CHR9:24966215	SSF x Far_LoA	-7,41186249	-0,050	0,294
CHR9	24970458	CHR9:24970458	SSF x Far_LoA	-8,76071903	-0,004	0,306
CHR9	24975118	CHR9:24975118	SSF x Far_LoA	-7,15667483	0,034	0,314
CHR9	2498300	CHR9:2498300	SSF x Far_LoA	-10,8537045	0,001	0,308
CHR9	249836	CHR9:249836	SSF x Far_LoA	-7,49416455	0,160	0,306
CHR9	24984457	CHR9:24984457	SSF x Far_LoA	-8,27756731	0,077	0,306
CHR9	24985381	CHR9:24985381	SSF x Far_LoA	-11,4901177	-0,038	0,308
CHR9	24985394	CHR9:24985394	SSF x Far_LoA	-7,99858105	-0,008	0,324
CHR9	24985398	CHR9:24985398	SSF x Far_LoA	-6,10903327	-0,019	0,312
CHR9	24987166	CHR9:24987166	SSF x Far_LoA	-10,6841726	0,124	0,306
CHR9	24987405	CHR9:24987405	SSF x Far_LoA	-9,37216937	0,080	0,298
CHR9	24987419	CHR9:24987419	SSF x Far_LoA	-5,20213542	0,132	0,308
CHR9	2498793	CHR9:2498793	SSF x Far_LoA	-9,60664369	-0,060	0,309
CHR9	2498799	CHR9:2498799	SSF x Far_LoA	-7,82767766	0,057	0,319
CHR9	2498804	CHR9:2498804	SSF x Far_LoA	-7,55160113	-0,084	0,317
CHR9	2498876	CHR9:2498876	SSF x Far_LoA	-9,21635851	-0,066	0,300
CHR9	2498904	CHR9:2498904	SSF x Far_LoA	-6,6746383	-0,130	0,301
CHR9	2498913	CHR9:2498913	SSF x Far_LoA	-5,81881213	-0,110	0,306
CHR9	24998611	CHR9:24998611	SSF x Far_LoA	-10,6234832	-0,027	0,310
CHR9	24998648	CHR9:24998648	SSF x Far_LoA	-8,61420873	-0,041	0,309
CHR9	25025713	CHR9:25025713	SSF x Far_LoA	-7,84267683	0,127	0,318
CHR9	25025751	CHR9:25025751	SSF x Far_LoA	-9,58894748	-0,058	0,312
CHR9	25025753	CHR9:25025753	SSF x Far_LoA	-10,555121	-0,057	0,299
CHR9	25025839	CHR9:25025839	SSF x Far_LoA	-10,4464201	-0,053	0,299
CHR9	25025846	CHR9:25025846	SSF x Far_LoA	-8,35737274	-0,007	0,323
CHR9	25030387	CHR9:25030387	SSF x Far_LoA	-8,49419681	0,052	0,305
CHR9	25056263	CHR9:25056263	SSF x Far_LoA	-8,01521243	0,153	0,295
CHR9	25056392	CHR9:25056392	SSF x Far_LoA	-7,67399779	0,118	0,295
CHR9	25056442	CHR9:25056442	SSF x Far_LoA	-5,98213595	-0,189	0,301
CHR9	25056518	CHR9:25056518	SSF x Far_LoA	-3,00339794	0,290	0,279
CHR9	25056530	CHR9:25056530	SSF x Far_LoA	-8,63580244	-0,084	0,306
CHR9	25062910	CHR9:25062910	SSF x Far_LoA	-9,91381339	0,065	0,303
CHR9	25062946	CHR9:25062946	SSF x Far_LoA	-11,6009931	-0,041	0,311
CHR9	25064787	CHR9:25064787	SSF x Far_LoA	-9,64021014	0,006	0,299
CHR9	25078641	CHR9:25078641	SSF x Far_LoA	-9,54347232	0,100	0,302
CHR9	25078645	CHR9:25078645	SSF x Far_LoA	-8,10034107	-0,089	0,304
CHR9	25078660	CHR9:25078660	SSF x Far_LoA	-11,2543578	0,056	0,304
CHR9	25078668	CHR9:25078668	SSF x Far_LoA	-4,61939005	-0,113	0,300
CHR9	25078669	CHR9:25078669	SSF x Far_LoA	-10,4576346	0,042	0,297
CHR9	25078718	CHR9:25078718	SSF x Far_LoA	-10,3376559	-0,069	0,320
CHR9	25078720	CHR9:25078720	SSF x Far_LoA	-6,87683233	-0,123	0,297
CHR9	25078804	CHR9:25078804	SSF x Far_LoA	-10,3686777	-0,115	0,306
CHR9	25080749	CHR9:25080749	SSF x Far_LoA	-9,7435013	-0,072	0,323
CHR9	25080858	CHR9:25080858	SSF x Far_LoA	-10,4830472	-0,020	0,316
CHR9	2508364	CHR9:2508364	SSF x Far_LoA	-6,8217575	-0,088	0,308

CHR9	2508395	CHR9:2508395	SSF x Far_LoA	-6,66236472	-0,104	0,301
CHR9	2508442	CHR9:2508442	SSF x Far_LoA	-8,08571401	-0,044	0,322
CHR9	25087292	CHR9:25087292	SSF x Far_LoA	-10,1425624	0,070	0,308
CHR9	25087320	CHR9:25087320	SSF x Far_LoA	-11,6242013	-0,031	0,296
CHR9	25087368	CHR9:25087368	SSF x Far_LoA	-9,91908105	0,106	0,307
CHR9	25089434	CHR9:25089434	SSF x Far_LoA	-8,03087564	0,127	0,300
CHR9	25089471	CHR9:25089471	SSF x Far_LoA	-11,235508	0,110	0,293
CHR9	25089474	CHR9:25089474	SSF x Far_LoA	-9,43005558	-0,096	0,314
CHR9	25105341	CHR9:25105341	SSF x Far_LoA	-5,29154067	0,228	0,278
CHR9	25105342	CHR9:25105342	SSF x Far_LoA	-8,77466524	0,152	0,283
CHR9	25107520	CHR9:25107520	SSF x Far_LoA	-11,6895851	-0,026	0,300
CHR9	25107525	CHR9:25107525	SSF x Far_LoA	-6,41227717	0,004	0,308
CHR9	25110769	CHR9:25110769	SSF x Far_LoA	-9,0874405	-0,020	0,312
CHR9	25136957	CHR9:25136957	SSF x Far_LoA	-8,59966797	-0,106	0,298
CHR9	2513757	CHR9:2513757	SSF x Far_LoA	-11,03077	0,008	0,313
CHR9	2513798	CHR9:2513798	SSF x Far_LoA	-6,06272738	0,033	0,316
CHR9	2513829	CHR9:2513829	SSF x Far_LoA	-8,18773398	0,101	0,310
CHR9	2513874	CHR9:2513874	SSF x Far_LoA	-8,9879273	0,133	0,295
CHR9	25138760	CHR9:25138760	SSF x Far_LoA	-10,483721	0,097	0,285
CHR9	25138809	CHR9:25138809	SSF x Far_LoA	0,00004365	-0,230	0,297
CHR9	25138865	CHR9:25138865	SSF x Far_LoA	-7,90539778	-0,010	0,289
CHR9	25145617	CHR9:25145617	SSF x Far_LoA	-9,98219694	-0,042	0,300
CHR9	2515208	CHR9:2515208	SSF x Far_LoA	-8,6697087	-0,123	0,304
CHR9	25152802	CHR9:25152802	SSF x Far_LoA	-9,17271982	-0,104	0,307
CHR9	2515316	CHR9:2515316	SSF x Far_LoA	-9,76400865	-0,037	0,314
CHR9	25153380	CHR9:25153380	SSF x Far_LoA	-12,2067196	0,015	0,307
CHR9	2515340	CHR9:2515340	SSF x Far_LoA	-8,00507982	-0,028	0,302
CHR9	25153542	CHR9:25153542	SSF x Far_LoA	-9,45896427	0,104	0,289
CHR9	25161975	CHR9:25161975	SSF x Far_LoA	-8,39604897	-0,003	0,303
CHR9	25166879	CHR9:25166879	SSF x Far_LoA	-8,33320027	-0,014	0,306
CHR9	25166911	CHR9:25166911	SSF x Far_LoA	-11,39776	0,016	0,294
CHR9	25170475	CHR9:25170475	SSF x Far_LoA	3,46143077	-0,051	0,296
CHR9	25170477	CHR9:25170477	SSF x Far_LoA	-8,58278053	-0,038	0,307
CHR9	25170545	CHR9:25170545	SSF x Far_LoA	-9,21090656	0,010	0,297
CHR9	25179901	CHR9:25179901	SSF x Far_LoA	-9,92029164	0,127	0,294
CHR9	25179959	CHR9:25179959	SSF x Far_LoA	-9,2829209	0,000	0,311
CHR9	25180024	CHR9:25180024	SSF x Far_LoA	-11,1932215	-0,024	0,321
CHR9	25199652	CHR9:25199652	SSF x Far_LoA	-9,11040356	0,046	0,305
CHR9	25199653	CHR9:25199653	SSF x Far_LoA	-8,87696871	0,032	0,313
CHR9	25199694	CHR9:25199694	SSF x Far_LoA	-8,07735963	0,003	0,315
CHR9	25199716	CHR9:25199716	SSF x Far_LoA	-10,509296	0,062	0,296
CHR9	25199720	CHR9:25199720	SSF x Far_LoA	-10,7292352	0,020	0,306
CHR9	2520203	CHR9:2520203	SSF x Far_LoA	-9,61845873	0,026	0,307
CHR9	2520258	CHR9:2520258	SSF x Far_LoA	-11,4261202	-0,025	0,307
CHR9	25203885	CHR9:25203885	SSF x Far_LoA	-7,58723182	0,102	0,302
CHR9	25203911	CHR9:25203911	SSF x Far_LoA	-12,3616386	0,009	0,293
CHR9	25211079	CHR9:25211079	SSF x Far_LoA	-11,2987632	0,018	0,309
CHR9	25211243	CHR9:25211243	SSF x Far_LoA	-10,3738974	0,075	0,308
CHR9	25211279	CHR9:25211279	SSF x Far_LoA	-10,0367144	-0,053	0,291
CHR9	25231993	CHR9:25231993	SSF x Far_LoA	-9,84460307	0,068	0,307
CHR9	25232004	CHR9:25232004	SSF x Far_LoA	-9,41581292	0,094	0,304
CHR9	25232018	CHR9:25232018	SSF x Far_LoA	-11,3050793	0,028	0,302
CHR9	25232378	CHR9:25232378	SSF x Far_LoA	-9,7982254	-0,120	0,298

CHR9	25243403	CHR9:25243403	SSF x Far_LoA	-10,6621805	-0,041	0,314
CHR9	25243416	CHR9:25243416	SSF x Far_LoA	-11,2449321	-0,075	0,312
CHR9	25243419	CHR9:25243419	SSF x Far_LoA	-9,66042847	-0,027	0,314
CHR9	25243430	CHR9:25243430	SSF x Far_LoA	-10,7595407	-0,118	0,298
CHR9	25243451	CHR9:25243451	SSF x Far_LoA	-7,86891767	0,009	0,321
CHR9	25243452	CHR9:25243452	SSF x Far_LoA	-12,0593016	-0,004	0,299
CHR9	25243478	CHR9:25243478	SSF x Far_LoA	-9,30239219	0,038	0,293
CHR9	25253602	CHR9:25253602	SSF x Far_LoA	-10,6576309	-0,047	0,323
CHR9	25253677	CHR9:25253677	SSF x Far_LoA	-10,5674114	0,017	0,311
CHR9	25253783	CHR9:25253783	SSF x Far_LoA	-11,5234397	-0,027	0,312
CHR9	25253828	CHR9:25253828	SSF x Far_LoA	-11,318131	-0,042	0,309
CHR9	25253874	CHR9:25253874	SSF x Far_LoA	-10,4185893	-0,001	0,307
CHR9	25253933	CHR9:25253933	SSF x Far_LoA	-9,37645559	-0,074	0,305
CHR9	25253936	CHR9:25253936	SSF x Far_LoA	-7,94399197	-0,023	0,321
CHR9	25255193	CHR9:25255193	SSF x Far_LoA	-11,845471	0,032	0,304
CHR9	25255228	CHR9:25255228	SSF x Far_LoA	-11,276064	-0,074	0,298
CHR9	25255307	CHR9:25255307	SSF x Far_LoA	-3,72071098	0,077	0,305
CHR9	25258806	CHR9:25258806	SSF x Far_LoA	-9,07761289	0,095	0,315
CHR9	25259955	CHR9:25259955	SSF x Far_LoA	-11,3321264	-0,045	0,311
CHR9	25260019	CHR9:25260019	SSF x Far_LoA	-9,43604705	0,057	0,306
CHR9	25264336	CHR9:25264336	SSF x Far_LoA	-10,8584903	0,117	0,285
CHR9	25264352	CHR9:25264352	SSF x Far_LoA	-9,00361376	0,136	0,285
CHR9	25264356	CHR9:25264356	SSF x Far_LoA	-9,5751583	0,144	0,292
CHR9	25264389	CHR9:25264389	SSF x Far_LoA	-10,1420074	0,109	0,288
CHR9	25264405	CHR9:25264405	SSF x Far_LoA	2,22567019	-0,078	0,317
CHR9	25266188	CHR9:25266188	SSF x Far_LoA	-11,1777557	0,070	0,322
CHR9	25288062	CHR9:25288062	SSF x Far_LoA	-10,0995781	-0,003	0,308
CHR9	25288112	CHR9:25288112	SSF x Far_LoA	-9,59770389	-0,168	0,300
CHR9	25288902	CHR9:25288902	SSF x Far_LoA	-10,0644411	-0,071	0,301
CHR9	25288921	CHR9:25288921	SSF x Far_LoA	-10,4315853	-0,034	0,306
CHR9	25288932	CHR9:25288932	SSF x Far_LoA	-11,5876134	-0,012	0,303
CHR9	25295480	CHR9:25295480	SSF x Far_LoA	-10,4913262	-0,029	0,318
CHR9	25295535	CHR9:25295535	SSF x Far_LoA	-8,08624887	-0,013	0,309
CHR9	25295581	CHR9:25295581	SSF x Far_LoA	-9,37400654	-0,046	0,308
CHR9	25295654	CHR9:25295654	SSF x Far_LoA	-9,09614141	0,067	0,296
CHR9	25295656	CHR9:25295656	SSF x Far_LoA	-10,329313	0,031	0,303
CHR9	25295679	CHR9:25295679	SSF x Far_LoA	-7,15665266	-0,050	0,322
CHR9	25295704	CHR9:25295704	SSF x Far_LoA	-6,88485709	0,065	0,298
CHR9	25301770	CHR9:25301770	SSF x Far_LoA	-8,89430553	-0,041	0,299
CHR9	25303720	CHR9:25303720	SSF x Far_LoA	-8,75872514	-0,075	0,310
CHR9	25303721	CHR9:25303721	SSF x Far_LoA	-9,31500375	-0,061	0,309
CHR9	25312036	CHR9:25312036	SSF x Far_LoA	-7,53466302	0,074	0,320
CHR9	25312246	CHR9:25312246	SSF x Far_LoA	-10,207169	0,039	0,297
CHR9	2532160	CHR9:2532160	SSF x Far_LoA	-11,4432746	0,054	0,303
CHR9	2532196	CHR9:2532196	SSF x Far_LoA	-9,57727751	-0,112	0,310
CHR9	2532226	CHR9:2532226	SSF x Far_LoA	-10,1261199	-0,077	0,292
CHR9	25322738	CHR9:25322738	SSF x Far_LoA	-10,7837509	0,035	0,306
CHR9	25334125	CHR9:25334125	SSF x Far_LoA	-10,7481844	0,061	0,305
CHR9	25334191	CHR9:25334191	SSF x Far_LoA	-7,85309782	-0,015	0,305
CHR9	25334221	CHR9:25334221	SSF x Far_LoA	-11,346288	-0,050	0,299
CHR9	25334247	CHR9:25334247	SSF x Far_LoA	-8,4662586	-0,035	0,314
CHR9	25335157	CHR9:25335157	SSF x Far_LoA	-11,1409278	0,001	0,292
CHR9	25335187	CHR9:25335187	SSF x Far_LoA	-9,24829435	-0,111	0,302

CHR9	25341429	CHR9:25341429	SSF x Far_LoA	-6,97855032	0,010	0,306
CHR9	25341483	CHR9:25341483	SSF x Far_LoA	-9,57426969	0,073	0,289
CHR9	25341557	CHR9:25341557	SSF x Far_LoA	-8,16012728	-0,006	0,308
CHR9	25345320	CHR9:25345320	SSF x Far_LoA	-5,89759141	0,139	0,302
CHR9	25345399	CHR9:25345399	SSF x Far_LoA	-9,8287836	-0,035	0,317
CHR9	25346139	CHR9:25346139	SSF x Far_LoA	-10,1739956	-0,029	0,301
CHR9	25347314	CHR9:25347314	SSF x Far_LoA	-8,7654311	0,078	0,300
CHR9	25347364	CHR9:25347364	SSF x Far_LoA	-9,01702659	0,048	0,296
CHR9	25347378	CHR9:25347378	SSF x Far_LoA	-8,67619798	0,106	0,293
CHR9	25347433	CHR9:25347433	SSF x Far_LoA	-8,86388056	-0,126	0,295
CHR9	25347445	CHR9:25347445	SSF x Far_LoA	-8,53819749	-0,010	0,310
CHR9	25348347	CHR9:25348347	SSF x Far_LoA	-12,8955055	0,009	0,289
CHR9	25351138	CHR9:25351138	SSF x Far_LoA	-8,15646981	-0,094	0,308
CHR9	25351150	CHR9:25351150	SSF x Far_LoA	-6,46535914	-0,120	0,292
CHR9	25351184	CHR9:25351184	SSF x Far_LoA	-5,5185242	0,120	0,311
CHR9	25351197	CHR9:25351197	SSF x Far_LoA	-9,44081961	0,032	0,321
CHR9	25351199	CHR9:25351199	SSF x Far_LoA	-9,37682104	0,075	0,308
CHR9	25360538	CHR9:25360538	SSF x Far_LoA	-11,1500378	0,015	0,321
CHR9	25360712	CHR9:25360712	SSF x Far_LoA	-7,93831059	0,102	0,308
CHR9	25360718	CHR9:25360718	SSF x Far_LoA	-9,50247971	0,000	0,322
CHR9	25362024	CHR9:25362024	SSF x Far_LoA	-10,0051666	-0,065	0,307
CHR9	25362117	CHR9:25362117	SSF x Far_LoA	-8,6931765	-0,076	0,306
CHR9	25362166	CHR9:25362166	SSF x Far_LoA	-7,57881254	0,172	0,301
CHR9	25362194	CHR9:25362194	SSF x Far_LoA	-11,4500662	0,010	0,302
CHR9	25362229	CHR9:25362229	SSF x Far_LoA	-9,32245407	-0,016	0,318
CHR9	25364038	CHR9:25364038	SSF x Far_LoA	-8,0417379	-0,049	0,306
CHR9	25376337	CHR9:25376337	SSF x Far_LoA	-9,45353613	0,035	0,309
CHR9	25378993	CHR9:25378993	SSF x Far_LoA	-12,4681047	0,068	0,290
CHR9	25388137	CHR9:25388137	SSF x Far_LoA	-10,2145785	-0,003	0,314
CHR9	25388183	CHR9:25388183	SSF x Far_LoA	-7,45441622	-0,092	0,296
CHR9	25388210	CHR9:25388210	SSF x Far_LoA	-11,0423168	-0,076	0,305
CHR9	25389227	CHR9:25389227	SSF x Far_LoA	-9,89084034	-0,093	0,307
CHR9	25390309	CHR9:25390309	SSF x Far_LoA	-11,8233024	0,003	0,304
CHR9	25390333	CHR9:25390333	SSF x Far_LoA	-10,5553739	-0,134	0,303
CHR9	25393157	CHR9:25393157	SSF x Far_LoA	-9,38775069	-0,087	0,327
CHR9	25393234	CHR9:25393234	SSF x Far_LoA	-8,20628867	-0,048	0,303
CHR9	25395330	CHR9:25395330	SSF x Far_LoA	-8,92731377	-0,020	0,315
CHR9	25395339	CHR9:25395339	SSF x Far_LoA	-8,62792247	0,017	0,306
CHR9	25395345	CHR9:25395345	SSF x Far_LoA	-9,79686987	-0,060	0,305
CHR9	2540257	CHR9:2540257	SSF x Far_LoA	-6,67301948	-0,157	0,291
CHR9	2540354	CHR9:2540354	SSF x Far_LoA	-8,77990065	-0,145	0,312
CHR9	2540455	CHR9:2540455	SSF x Far_LoA	-10,1950362	0,041	0,300
CHR9	25404921	CHR9:25404921	SSF x Far_LoA	-10,9216303	0,113	0,302
CHR9	2540499	CHR9:2540499	SSF x Far_LoA	-8,75530416	0,032	0,304
CHR9	25406147	CHR9:25406147	SSF x Far_LoA	-8,77258308	0,119	0,293
CHR9	25406169	CHR9:25406169	SSF x Far_LoA	-10,5406971	0,119	0,291
CHR9	25406211	CHR9:25406211	SSF x Far_LoA	-8,91222534	-0,083	0,304
CHR9	25406214	CHR9:25406214	SSF x Far_LoA	-9,03846632	-0,095	0,311
CHR9	25406218	CHR9:25406218	SSF x Far_LoA	-6,74588299	-0,111	0,303
CHR9	25408380	CHR9:25408380	SSF x Far_LoA	-7,00996177	0,093	0,301
CHR9	25413028	CHR9:25413028	SSF x Far_LoA	-10,6290354	-0,073	0,303
CHR9	25413151	CHR9:25413151	SSF x Far_LoA	-9,8605177	0,041	0,304
CHR9	25421104	CHR9:25421104	SSF x Far_LoA	-9,74176402	0,010	0,302

CHR9	25421132	CHR9:25421132	SSF x Far_LoA	-10,3531991	-0,076	0,312
CHR9	25422012	CHR9:25422012	SSF x Far_LoA	-10,8737679	-0,009	0,291
CHR9	25422046	CHR9:25422046	SSF x Far_LoA	-9,83590671	-0,050	0,305
CHR9	25422054	CHR9:25422054	SSF x Far_LoA	-10,5172613	0,059	0,304
CHR9	25434304	CHR9:25434304	SSF x Far_LoA	-8,79792347	0,081	0,295
CHR9	25434412	CHR9:25434412	SSF x Far_LoA	-11,3602296	0,025	0,291
CHR9	25445945	CHR9:25445945	SSF x Far_LoA	-9,58263105	-0,064	0,305
CHR9	25445992	CHR9:25445992	SSF x Far_LoA	-10,9306219	-0,032	0,305
CHR9	25446032	CHR9:25446032	SSF x Far_LoA	-9,58700835	-0,068	0,297
CHR9	25446060	CHR9:25446060	SSF x Far_LoA	-7,68447446	-0,179	0,297
CHR9	25453033	CHR9:25453033	SSF x Far_LoA	-9,11825543	-0,044	0,311
CHR9	25454125	CHR9:25454125	SSF x Far_LoA	-9,43993862	0,055	0,296
CHR9	25454135	CHR9:25454135	SSF x Far_LoA	-7,15137705	0,140	0,302
CHR9	25454157	CHR9:25454157	SSF x Far_LoA	-8,42282372	0,003	0,316
CHR9	25454311	CHR9:25454311	SSF x Far_LoA	-11,4695919	0,064	0,301
CHR9	2545786	CHR9:2545786	SSF x Far_LoA	-9,36479114	-0,049	0,310
CHR9	25460406	CHR9:25460406	SSF x Far_LoA	-8,98870463	0,066	0,304
CHR9	25460422	CHR9:25460422	SSF x Far_LoA	-8,07691192	-0,043	0,316
CHR9	25460501	CHR9:25460501	SSF x Far_LoA	-10,2274709	-0,041	0,313
CHR9	25460570	CHR9:25460570	SSF x Far_LoA	-5,70630509	-0,015	0,311
CHR9	25460734	CHR9:25460734	SSF x Far_LoA	-11,4666382	0,029	0,314
CHR9	2546497	CHR9:2546497	SSF x Far_LoA	-8,30631762	0,142	0,294
CHR9	25467882	CHR9:25467882	SSF x Far_LoA	-9,86390312	0,036	0,298
CHR9	25473370	CHR9:25473370	SSF x Far_LoA	-10,4391933	0,057	0,296
CHR9	25473372	CHR9:25473372	SSF x Far_LoA	-11,2173252	-0,046	0,293
CHR9	25473374	CHR9:25473374	SSF x Far_LoA	-9,98568053	0,003	0,300
CHR9	25473384	CHR9:25473384	SSF x Far_LoA	-9,80942179	0,154	0,305
CHR9	25473444	CHR9:25473444	SSF x Far_LoA	-9,71417528	-0,069	0,312
CHR9	25483513	CHR9:25483513	SSF x Far_LoA	-10,8437973	-0,055	0,317
CHR9	25483685	CHR9:25483685	SSF x Far_LoA	-10,1475069	0,032	0,309
CHR9	25483702	CHR9:25483702	SSF x Far_LoA	-9,87161105	-0,042	0,301
CHR9	25483769	CHR9:25483769	SSF x Far_LoA	-10,2978489	-0,104	0,319
CHR9	25484001	CHR9:25484001	SSF x Far_LoA	-6,43935351	-0,106	0,302
CHR9	25484019	CHR9:25484019	SSF x Far_LoA	-8,70843323	-0,041	0,306
CHR9	25484063	CHR9:25484063	SSF x Far_LoA	-11,3015002	0,049	0,322
CHR9	25484064	CHR9:25484064	SSF x Far_LoA	-10,4334875	0,009	0,323
CHR9	25486019	CHR9:25486019	SSF x Far_LoA	-7,61542265	0,012	0,315
CHR9	25487085	CHR9:25487085	SSF x Far_LoA	-11,6465438	-0,058	0,302
CHR9	25488572	CHR9:25488572	SSF x Far_LoA	-9,50402989	0,115	0,299
CHR9	25494942	CHR9:25494942	SSF x Far_LoA	-11,8162883	0,047	0,308
CHR9	25495803	CHR9:25495803	SSF x Far_LoA	-9,27838371	0,066	0,312
CHR9	25504983	CHR9:25504983	SSF x Far_LoA	-10,4554033	-0,140	0,300
CHR9	25506931	CHR9:25506931	SSF x Far_LoA	-10,0492414	-0,021	0,316
CHR9	25507934	CHR9:25507934	SSF x Far_LoA	-9,09280664	0,032	0,315
CHR9	25507941	CHR9:25507941	SSF x Far_LoA	-8,67903154	0,100	0,313
CHR9	25507951	CHR9:25507951	SSF x Far_LoA	-12,0711055	-0,029	0,305
CHR9	25507999	CHR9:25507999	SSF x Far_LoA	-8,97249745	0,089	0,313
CHR9	25529609	CHR9:25529609	SSF x Far_LoA	-8,90761324	0,147	0,291
CHR9	25531173	CHR9:25531173	SSF x Far_LoA	0,04924074	-0,105	0,310
CHR9	25541902	CHR9:25541902	SSF x Far_LoA	-11,5004625	0,027	0,303
CHR9	25542097	CHR9:25542097	SSF x Far_LoA	-6,56410073	-0,134	0,319
CHR9	25542165	CHR9:25542165	SSF x Far_LoA	-9,00671666	-0,009	0,311
CHR9	25542168	CHR9:25542168	SSF x Far_LoA	-10,5733794	0,018	0,305

CHR9	25543062	CHR9:25543062	SSF x Far_LoA	-9,65446543	0,058	0,300
CHR9	25543066	CHR9:25543066	SSF x Far_LoA	-9,41548191	0,124	0,304
CHR9	25543093	CHR9:25543093	SSF x Far_LoA	-8,55014019	0,102	0,309
CHR9	25543133	CHR9:25543133	SSF x Far_LoA	-8,64073704	0,026	0,312
CHR9	25543148	CHR9:25543148	SSF x Far_LoA	-11,4619635	0,014	0,308
CHR9	25543156	CHR9:25543156	SSF x Far_LoA	13,8607797	0,274	0,282
CHR9	25543202	CHR9:25543202	SSF x Far_LoA	-2,1166125	-0,232	0,295
CHR9	25543220	CHR9:25543220	SSF x Far_LoA	-10,2456147	0,065	0,303
CHR9	25543263	CHR9:25543263	SSF x Far_LoA	-4,77946251	0,210	0,284
CHR9	25543278	CHR9:25543278	SSF x Far_LoA	-8,27387789	-0,123	0,309
CHR9	25543321	CHR9:25543321	SSF x Far_LoA	-3,6015855	-0,229	0,294
CHR9	25546556	CHR9:25546556	SSF x Far_LoA	-10,7874071	0,023	0,311
CHR9	25546560	CHR9:25546560	SSF x Far_LoA	-9,47870027	-0,057	0,303
CHR9	25546588	CHR9:25546588	SSF x Far_LoA	-9,53446761	0,075	0,294
CHR9	25546940	CHR9:25546940	SSF x Far_LoA	-11,2943454	0,030	0,306
CHR9	25554072	CHR9:25554072	SSF x Far_LoA	-9,57696717	-0,019	0,301
CHR9	25554113	CHR9:25554113	SSF x Far_LoA	-9,22507283	0,070	0,314
CHR9	25554117	CHR9:25554117	SSF x Far_LoA	-9,71092154	0,012	0,307
CHR9	25554200	CHR9:25554200	SSF x Far_LoA	-10,3806271	0,104	0,294
CHR9	25561395	CHR9:25561395	SSF x Far_LoA	-6,74583273	-0,136	0,313
CHR9	25561446	CHR9:25561446	SSF x Far_LoA	-12,5471291	0,048	0,303
CHR9	25565823	CHR9:25565823	SSF x Far_LoA	-8,3186994	0,201	0,300
CHR9	25565824	CHR9:25565824	SSF x Far_LoA	1,9317698	0,181	0,304
CHR9	25566843	CHR9:25566843	SSF x Far_LoA	-12,1216783	-0,016	0,304
CHR9	25566909	CHR9:25566909	SSF x Far_LoA	-9,02544206	0,066	0,302
CHR9	25571105	CHR9:25571105	SSF x Far_LoA	-9,04355089	-0,150	0,300
CHR9	2557193	CHR9:2557193	SSF x Far_LoA	-12,0084992	0,075	0,289
CHR9	2557211	CHR9:2557211	SSF x Far_LoA	-8,79657729	-0,001	0,312
CHR9	2557259	CHR9:2557259	SSF x Far_LoA	-6,85469507	0,024	0,297
CHR9	2557272	CHR9:2557272	SSF x Far_LoA	-9,49947285	0,028	0,306
CHR9	2557298	CHR9:2557298	SSF x Far_LoA	-8,57080323	-0,117	0,298
CHR9	25575183	CHR9:25575183	SSF x Far_LoA	-11,8237839	0,034	0,306
CHR9	25578081	CHR9:25578081	SSF x Far_LoA	-9,19794877	-0,031	0,298
CHR9	25578119	CHR9:25578119	SSF x Far_LoA	-8,74665977	0,033	0,307
CHR9	25578127	CHR9:25578127	SSF x Far_LoA	-12,1197653	-0,037	0,296
CHR9	25578161	CHR9:25578161	SSF x Far_LoA	-7,43915718	0,129	0,295
CHR9	25578165	CHR9:25578165	SSF x Far_LoA	-7,2673988	0,095	0,300
CHR9	25578214	CHR9:25578214	SSF x Far_LoA	-10,8686786	0,029	0,326
CHR9	25580952	CHR9:25580952	SSF x Far_LoA	-8,68536152	-0,129	0,318
CHR9	25581190	CHR9:25581190	SSF x Far_LoA	-9,0932533	0,039	0,303
CHR9	25581266	CHR9:25581266	SSF x Far_LoA	-9,2394132	0,104	0,306
CHR9	25581291	CHR9:25581291	SSF x Far_LoA	-9,0156386	-0,089	0,308
CHR9	25581345	CHR9:25581345	SSF x Far_LoA	-11,2274989	-0,035	0,301
CHR9	25625197	CHR9:25625197	SSF x Far_LoA	-7,52603073	-0,185	0,300
CHR9	25625320	CHR9:25625320	SSF x Far_LoA	-9,08908642	-0,047	0,302
CHR9	25625404	CHR9:25625404	SSF x Far_LoA	-8,45026794	0,071	0,300
CHR9	25629306	CHR9:25629306	SSF x Far_LoA	-7,10894023	-0,202	0,283
CHR9	25629546	CHR9:25629546	SSF x Far_LoA	-8,74755785	0,112	0,322
CHR9	25639007	CHR9:25639007	SSF x Far_LoA	-10,5668148	0,029	0,305
CHR9	25639160	CHR9:25639160	SSF x Far_LoA	-10,3554809	0,045	0,311
CHR9	25639277	CHR9:25639277	SSF x Far_LoA	-10,0839862	-0,018	0,310
CHR9	25639281	CHR9:25639281	SSF x Far_LoA	-10,1862375	-0,091	0,298
CHR9	25639310	CHR9:25639310	SSF x Far_LoA	-11,4184969	0,074	0,301

CHR9	25640043	CHR9:25640043	SSF x Far_LoA	-8,1479858	-0,049	0,288
CHR9	25640044	CHR9:25640044	SSF x Far_LoA	-5,12320179	-0,059	0,302
CHR9	25640830	CHR9:25640830	SSF x Far_LoA	-11,2024572	-0,036	0,300
CHR9	25640894	CHR9:25640894	SSF x Far_LoA	-8,6038836	0,131	0,305
CHR9	25650381	CHR9:25650381	SSF x Far_LoA	-7,96954243	0,093	0,301
CHR9	25654329	CHR9:25654329	SSF x Far_LoA	-11,1018408	-0,016	0,309
CHR9	25654388	CHR9:25654388	SSF x Far_LoA	4,05154248	0,068	0,324
CHR9	25654474	CHR9:25654474	SSF x Far_LoA	-8,94539369	0,039	0,302
CHR9	25654483	CHR9:25654483	SSF x Far_LoA	-11,0507365	-0,020	0,312
CHR9	2566471	CHR9:2566471	SSF x Far_LoA	-10,4373514	0,062	0,302
CHR9	2566481	CHR9:2566481	SSF x Far_LoA	-10,9653928	0,054	0,314
CHR9	2566484	CHR9:2566484	SSF x Far_LoA	-10,0075898	0,033	0,306
CHR9	2566500	CHR9:2566500	SSF x Far_LoA	-9,23746175	0,006	0,307
CHR9	2566509	CHR9:2566509	SSF x Far_LoA	-10,4999628	-0,009	0,309
CHR9	2566539	CHR9:2566539	SSF x Far_LoA	-10,8169446	0,072	0,311
CHR9	2566567	CHR9:2566567	SSF x Far_LoA	-1,47174634	0,029	0,293
CHR9	2566587	CHR9:2566587	SSF x Far_LoA	-10,3865072	-0,018	0,316
CHR9	25666678	CHR9:25666678	SSF x Far_LoA	-9,11386841	-0,097	0,298
CHR9	25667785	CHR9:25667785	SSF x Far_LoA	-8,85648546	-0,157	0,313
CHR9	25667836	CHR9:25667836	SSF x Far_LoA	-8,39597119	0,050	0,308
CHR9	25670170	CHR9:25670170	SSF x Far_LoA	-7,69284176	0,082	0,291
CHR9	25677814	CHR9:25677814	SSF x Far_LoA	-8,21821895	0,184	0,297
CHR9	25686824	CHR9:25686824	SSF x Far_LoA	-9,00241921	0,119	0,301
CHR9	25687054	CHR9:25687054	SSF x Far_LoA	-8,41676138	0,079	0,306
CHR9	25687091	CHR9:25687091	SSF x Far_LoA	-9,86686688	0,032	0,304
CHR9	2568722	CHR9:2568722	SSF x Far_LoA	-8,27749153	0,147	0,294
CHR9	2568782	CHR9:2568782	SSF x Far_LoA	-10,517927	0,005	0,296
CHR9	25691372	CHR9:25691372	SSF x Far_LoA	-8,5298373	0,021	0,313
CHR9	25710540	CHR9:25710540	SSF x Far_LoA	-7,53220799	-0,117	0,295
CHR9	25710576	CHR9:25710576	SSF x Far_LoA	-6,73770736	0,009	0,315
CHR9	25717557	CHR9:25717557	SSF x Far_LoA	-8,42282461	0,106	0,303
CHR9	25717558	CHR9:25717558	SSF x Far_LoA	-8,94635265	0,032	0,304
CHR9	25717647	CHR9:25717647	SSF x Far_LoA	-8,46408949	-0,031	0,305
CHR9	25717658	CHR9:25717658	SSF x Far_LoA	-8,09053562	0,011	0,312
CHR9	25717688	CHR9:25717688	SSF x Far_LoA	-9,63029324	0,055	0,305
CHR9	25717702	CHR9:25717702	SSF x Far_LoA	-11,2514633	0,007	0,310
CHR9	25717716	CHR9:25717716	SSF x Far_LoA	-9,22642359	0,064	0,312
CHR9	25717719	CHR9:25717719	SSF x Far_LoA	-8,703349	0,066	0,313
CHR9	2572272	CHR9:2572272	SSF x Far_LoA	-9,94121694	-0,042	0,297
CHR9	2572290	CHR9:2572290	SSF x Far_LoA	-11,7612568	0,031	0,298
CHR9	2572305	CHR9:2572305	SSF x Far_LoA	-7,53760265	-0,128	0,302
CHR9	25725755	CHR9:25725755	SSF x Far_LoA	-10,1219589	0,022	0,301
CHR9	25726022	CHR9:25726022	SSF x Far_LoA	-11,3768928	0,034	0,312
CHR9	25732756	CHR9:25732756	SSF x Far_LoA	-11,3353102	0,111	0,306
CHR9	25732786	CHR9:25732786	SSF x Far_LoA	-9,07880046	-0,092	0,318
CHR9	25732803	CHR9:25732803	SSF x Far_LoA	-9,63799634	0,049	0,311
CHR9	25732996	CHR9:25732996	SSF x Far_LoA	-10,6507283	-0,012	0,294
CHR9	25734889	CHR9:25734889	SSF x Far_LoA	-10,1978073	-0,043	0,306
CHR9	2573747	CHR9:2573747	SSF x Far_LoA	-11,5341436	-0,071	0,292
CHR9	2573911	CHR9:2573911	SSF x Far_LoA	-9,16318061	-0,069	0,307
CHR9	2573913	CHR9:2573913	SSF x Far_LoA	-9,30882695	-0,084	0,308
CHR9	2573915	CHR9:2573915	SSF x Far_LoA	-8,79832206	-0,003	0,311
CHR9	2574000	CHR9:2574000	SSF x Far_LoA	-8,47951861	0,098	0,322

CHR9	25743292	CHR9:25743292	SSF x Far_LoA	-10,2566456	-0,114	0,316
CHR9	25743341	CHR9:25743341	SSF x Far_LoA	-10,7984018	-0,024	0,298
CHR9	25743361	CHR9:25743361	SSF x Far_LoA	-8,74194051	0,038	0,309
CHR9	25745744	CHR9:25745744	SSF x Far_LoA	-6,44034462	0,127	0,303
CHR9	25750912	CHR9:25750912	SSF x Far_LoA	-11,0893	0,087	0,312
CHR9	25752842	CHR9:25752842	SSF x Far_LoA	-8,59394389	0,056	0,305
CHR9	25752848	CHR9:25752848	SSF x Far_LoA	-11,0148977	-0,004	0,287
CHR9	25757183	CHR9:25757183	SSF x Far_LoA	-10,2622791	0,065	0,300
CHR9	25757233	CHR9:25757233	SSF x Far_LoA	-8,20709446	0,082	0,303
CHR9	25759931	CHR9:25759931	SSF x Far_LoA	-8,66164121	-0,007	0,302
CHR9	25759992	CHR9:25759992	SSF x Far_LoA	-9,29729469	0,095	0,312
CHR9	25760082	CHR9:25760082	SSF x Far_LoA	-9,73709245	0,039	0,308
CHR9	25760148	CHR9:25760148	SSF x Far_LoA	-8,4765437	-0,080	0,313
CHR9	25764302	CHR9:25764302	SSF x Far_LoA	-8,99907968	0,042	0,310
CHR9	25764379	CHR9:25764379	SSF x Far_LoA	-11,6239987	0,024	0,314
CHR9	25770252	CHR9:25770252	SSF x Far_LoA	-9,07309159	0,056	0,310
CHR9	25770340	CHR9:25770340	SSF x Far_LoA	-8,73023441	-0,073	0,310
CHR9	25770400	CHR9:25770400	SSF x Far_LoA	-11,7183596	0,003	0,309
CHR9	25773098	CHR9:25773098	SSF x Far_LoA	-9,7938356	0,012	0,305
CHR9	25773220	CHR9:25773220	SSF x Far_LoA	-6,91224861	0,065	0,303
CHR9	25773221	CHR9:25773221	SSF x Far_LoA	-10,2828895	0,089	0,301
CHR9	25780321	CHR9:25780321	SSF x Far_LoA	-8,70425044	-0,105	0,305
CHR9	25782014	CHR9:25782014	SSF x Far_LoA	-7,74123936	-0,074	0,318
CHR9	25782050	CHR9:25782050	SSF x Far_LoA	-10,2821297	-0,016	0,309
CHR9	25785439	CHR9:25785439	SSF x Far_LoA	-10,4538576	0,038	0,308
CHR9	25796372	CHR9:25796372	SSF x Far_LoA	-11,2494526	-0,081	0,310
CHR9	25796452	CHR9:25796452	SSF x Far_LoA	-10,5416315	0,009	0,310
CHR9	25810633	CHR9:25810633	SSF x Far_LoA	-6,69729067	-0,066	0,315
CHR9	2581304	CHR9:2581304	SSF x Far_LoA	-10,7089819	-0,028	0,326
CHR9	25814273	CHR9:25814273	SSF x Far_LoA	-9,03164215	-0,072	0,299
CHR9	25814279	CHR9:25814279	SSF x Far_LoA	-9,40421466	-0,048	0,306
CHR9	25815425	CHR9:25815425	SSF x Far_LoA	-9,90527747	-0,066	0,305
CHR9	25815528	CHR9:25815528	SSF x Far_LoA	-9,13846188	0,051	0,300
CHR9	25818125	CHR9:25818125	SSF x Far_LoA	-11,1074677	0,101	0,301
CHR9	25818363	CHR9:25818363	SSF x Far_LoA	-9,59474274	0,004	0,300
CHR9	25822400	CHR9:25822400	SSF x Far_LoA	-5,29207167	-0,126	0,311
CHR9	25822525	CHR9:25822525	SSF x Far_LoA	-10,0556655	0,021	0,315
CHR9	2582881	CHR9:2582881	SSF x Far_LoA	-11,4677975	0,048	0,302
CHR9	2582911	CHR9:2582911	SSF x Far_LoA	-11,487524	0,007	0,320
CHR9	2583063	CHR9:2583063	SSF x Far_LoA	-10,6180957	0,021	0,315
CHR9	2583122	CHR9:2583122	SSF x Far_LoA	-10,0727636	0,023	0,312
CHR9	25840133	CHR9:25840133	SSF x Far_LoA	-9,31476842	-0,036	0,305
CHR9	25840154	CHR9:25840154	SSF x Far_LoA	-10,9418708	0,104	0,303
CHR9	25840242	CHR9:25840242	SSF x Far_LoA	-9,79894222	0,060	0,291
CHR9	25840262	CHR9:25840262	SSF x Far_LoA	-11,1568032	0,000	0,314
CHR9	25840274	CHR9:25840274	SSF x Far_LoA	-8,89450373	-0,021	0,322
CHR9	25840283	CHR9:25840283	SSF x Far_LoA	-11,9514201	-0,005	0,295
CHR9	2584188	CHR9:2584188	SSF x Far_LoA	-9,46577477	0,083	0,301
CHR9	2584203	CHR9:2584203	SSF x Far_LoA	-9,86748648	0,044	0,290
CHR9	2584321	CHR9:2584321	SSF x Far_LoA	-9,57192354	0,108	0,286
CHR9	25847046	CHR9:25847046	SSF x Far_LoA	-1,95912389	0,070	0,315
CHR9	25850041	CHR9:25850041	SSF x Far_LoA	-8,8932233	0,010	0,313
CHR9	25862614	CHR9:25862614	SSF x Far_LoA	-10,3741367	-0,069	0,331

CHR9	25862639	CHR9:25862639	SSF x Far_LoA	-8,94592603	-0,083	0,310
CHR9	25865338	CHR9:25865338	SSF x Far_LoA	-8,6244273	0,038	0,303
CHR9	25865340	CHR9:25865340	SSF x Far_LoA	-8,87561883	-0,059	0,313
CHR9	25897878	CHR9:25897878	SSF x Far_LoA	-7,89535826	-0,041	0,324
CHR9	25909177	CHR9:25909177	SSF x Far_LoA	-10,3345414	0,077	0,286
CHR9	25909193	CHR9:25909193	SSF x Far_LoA	-8,09772474	0,093	0,300
CHR9	25909242	CHR9:25909242	SSF x Far_LoA	-10,1190825	-0,029	0,311
CHR9	25915042	CHR9:25915042	SSF x Far_LoA	-11,2703705	-0,055	0,281
CHR9	25915208	CHR9:25915208	SSF x Far_LoA	-9,80880591	0,031	0,296
CHR9	25925218	CHR9:25925218	SSF x Far_LoA	-10,1183369	0,028	0,306
CHR9	25941326	CHR9:25941326	SSF x Far_LoA	-10,6965732	0,025	0,311
CHR9	25945691	CHR9:25945691	SSF x Far_LoA	-6,31998386	-0,112	0,299
CHR9	25945695	CHR9:25945695	SSF x Far_LoA	-6,06648552	-0,153	0,293
CHR9	25957493	CHR9:25957493	SSF x Far_LoA	-8,82304386	0,015	0,315
CHR9	25957501	CHR9:25957501	SSF x Far_LoA	-9,78659188	0,125	0,301
CHR9	25957523	CHR9:25957523	SSF x Far_LoA	-10,541763	0,112	0,311
CHR9	25957527	CHR9:25957527	SSF x Far_LoA	-9,8789297	0,128	0,300
CHR9	25957571	CHR9:25957571	SSF x Far_LoA	-9,7247357	-0,008	0,312
CHR9	25959354	CHR9:25959354	SSF x Far_LoA	-8,5966423	-0,089	0,309
CHR9	25959386	CHR9:25959386	SSF x Far_LoA	-9,31376621	-0,014	0,318
CHR9	25961559	CHR9:25961559	SSF x Far_LoA	-10,9889684	0,052	0,307
CHR9	2596269	CHR9:2596269	SSF x Far_LoA	-9,27414965	0,054	0,299
CHR9	2596297	CHR9:2596297	SSF x Far_LoA	-10,1607238	0,037	0,303
CHR9	25963010	CHR9:25963010	SSF x Far_LoA	-8,93170311	-0,030	0,307
CHR9	2596348	CHR9:2596348	SSF x Far_LoA	-9,67640467	-0,005	0,319
CHR9	2596609	CHR9:2596609	SSF x Far_LoA	-5,01023866	0,110	0,298
CHR9	2596610	CHR9:2596610	SSF x Far_LoA	-4,92493297	-0,153	0,297
CHR9	25974183	CHR9:25974183	SSF x Far_LoA	-10,8081521	0,047	0,317
CHR9	25974214	CHR9:25974214	SSF x Far_LoA	-8,1670528	-0,108	0,304
CHR9	25974261	CHR9:25974261	SSF x Far_LoA	-12,1648741	0,016	0,308
CHR9	25975150	CHR9:25975150	SSF x Far_LoA	-6,28300985	-0,164	0,309
CHR9	25975385	CHR9:25975385	SSF x Far_LoA	-10,0420204	0,002	0,293
CHR9	25977010	CHR9:25977010	SSF x Far_LoA	-8,80779608	-0,004	0,316
CHR9	25978084	CHR9:25978084	SSF x Far_LoA	-10,0913711	-0,092	0,310
CHR9	25991659	CHR9:25991659	SSF x Far_LoA	-5,5416641	-0,081	0,304
CHR9	26008812	CHR9:26008812	SSF x Far_LoA	-9,21928948	-0,039	0,299
CHR9	26008851	CHR9:26008851	SSF x Far_LoA	-11,142121	0,001	0,308
CHR9	26008869	CHR9:26008869	SSF x Far_LoA	-10,8029377	-0,024	0,314
CHR9	26008926	CHR9:26008926	SSF x Far_LoA	-11,6846482	-0,048	0,303
CHR9	26008945	CHR9:26008945	SSF x Far_LoA	-10,8603368	-0,049	0,318
CHR9	26008977	CHR9:26008977	SSF x Far_LoA	-9,00887151	-0,060	0,309
CHR9	26009001	CHR9:26009001	SSF x Far_LoA	-8,61882002	0,057	0,301
CHR9	26009005	CHR9:26009005	SSF x Far_LoA	-8,47316552	0,021	0,312
CHR9	26016252	CHR9:26016252	SSF x Far_LoA	-7,28097856	0,121	0,301
CHR9	26016290	CHR9:26016290	SSF x Far_LoA	-6,48433399	0,015	0,316
CHR9	26026745	CHR9:26026745	SSF x Far_LoA	-8,33889282	0,038	0,309
CHR9	26026766	CHR9:26026766	SSF x Far_LoA	-8,85939671	-0,045	0,305
CHR9	26026812	CHR9:26026812	SSF x Far_LoA	-11,7861617	-0,013	0,310
CHR9	26029179	CHR9:26029179	SSF x Far_LoA	-7,64290617	0,063	0,314
CHR9	26029256	CHR9:26029256	SSF x Far_LoA	-7,39640402	-0,012	0,303
CHR9	26029334	CHR9:26029334	SSF x Far_LoA	-10,3193908	-0,028	0,305
CHR9	26029368	CHR9:26029368	SSF x Far_LoA	-10,1216907	0,107	0,300
CHR9	26032756	CHR9:26032756	SSF x Far_LoA	-9,98904906	-0,100	0,317

CHR9	26032783	CHR9:26032783	SSF x Far_LoA	-8,28960495	-0,086	0,297
CHR9	26037303	CHR9:26037303	SSF x Far_LoA	-5,99210961	-0,148	0,296
CHR9	26037502	CHR9:26037502	SSF x Far_LoA	-9,35838725	0,012	0,312
CHR9	26041424	CHR9:26041424	SSF x Far_LoA	-11,1308199	-0,037	0,305
CHR9	26041502	CHR9:26041502	SSF x Far_LoA	-6,16280809	0,076	0,289
CHR9	26046071	CHR9:26046071	SSF x Far_LoA	-9,21680712	-0,019	0,295
CHR9	2605102	CHR9:2605102	SSF x Far_LoA	-7,63593357	-0,003	0,305
CHR9	26052957	CHR9:26052957	SSF x Far_LoA	-11,0243188	-0,011	0,298
CHR9	26053054	CHR9:26053054	SSF x Far_LoA	-8,91792076	0,091	0,310
CHR9	26075755	CHR9:26075755	SSF x Far_LoA	-4,34159583	0,248	0,287
CHR9	26075769	CHR9:26075769	SSF x Far_LoA	-7,26237281	-0,097	0,308
CHR9	26075809	CHR9:26075809	SSF x Far_LoA	-10,1018419	-0,087	0,314
CHR9	26076639	CHR9:26076639	SSF x Far_LoA	-8,50156195	0,054	0,310
CHR9	26080438	CHR9:26080438	SSF x Far_LoA	-8,34776073	-0,107	0,307
CHR9	26080503	CHR9:26080503	SSF x Far_LoA	-9,35842714	-0,064	0,305
CHR9	26080650	CHR9:26080650	SSF x Far_LoA	-7,58272577	-0,190	0,284
CHR9	26081050	CHR9:26081050	SSF x Far_LoA	-10,9224148	0,052	0,301
CHR9	26090469	CHR9:26090469	SSF x Far_LoA	-8,38774801	0,043	0,319
CHR9	26090470	CHR9:26090470	SSF x Far_LoA	-11,6544133	-0,026	0,308
CHR9	26090551	CHR9:26090551	SSF x Far_LoA	-7,54400538	-0,110	0,302
CHR9	26090811	CHR9:26090811	SSF x Far_LoA	-10,6033586	-0,011	0,289
CHR9	26106180	CHR9:26106180	SSF x Far_LoA	-8,9383271	-0,118	0,298
CHR9	26111491	CHR9:26111491	SSF x Far_LoA	-11,0485576	0,051	0,296
CHR9	26114702	CHR9:26114702	SSF x Far_LoA	-11,9236383	-0,047	0,302
CHR9	26114853	CHR9:26114853	SSF x Far_LoA	-8,91042128	-0,008	0,296
CHR9	26114877	CHR9:26114877	SSF x Far_LoA	-10,4362536	-0,112	0,298
CHR9	26114883	CHR9:26114883	SSF x Far_LoA	-9,33113817	-0,026	0,307
CHR9	26114929	CHR9:26114929	SSF x Far_LoA	-9,37963022	0,031	0,305
CHR9	26126189	CHR9:26126189	SSF x Far_LoA	-7,55324087	-0,069	0,300
CHR9	26126299	CHR9:26126299	SSF x Far_LoA	-11,3074247	0,055	0,314
CHR9	26127537	CHR9:26127537	SSF x Far_LoA	-12,275959	0,008	0,308
CHR9	26129902	CHR9:26129902	SSF x Far_LoA	-9,5299399	0,018	0,304
CHR9	26129908	CHR9:26129908	SSF x Far_LoA	-9,25567897	-0,007	0,307
CHR9	26141024	CHR9:26141024	SSF x Far_LoA	-7,89853045	-0,041	0,314
CHR9	26141767	CHR9:26141767	SSF x Far_LoA	-7,8038087	0,103	0,317
CHR9	26141769	CHR9:26141769	SSF x Far_LoA	-7,46378947	0,132	0,297
CHR9	2616914	CHR9:2616914	SSF x Far_LoA	-7,19388784	-0,142	0,309
CHR9	2616920	CHR9:2616920	SSF x Far_LoA	-8,70941648	0,041	0,293
CHR9	2616989	CHR9:2616989	SSF x Far_LoA	-10,654063	-0,022	0,317
CHR9	26177631	CHR9:26177631	SSF x Far_LoA	-11,065182	0,112	0,301
CHR9	26182542	CHR9:26182542	SSF x Far_LoA	-10,2008455	0,067	0,295
CHR9	26182618	CHR9:26182618	SSF x Far_LoA	-7,40283171	-0,172	0,294
CHR9	26194708	CHR9:26194708	SSF x Far_LoA	-11,000203	0,027	0,307
CHR9	26194758	CHR9:26194758	SSF x Far_LoA	-2,07378829	-0,093	0,310
CHR9	26208008	CHR9:26208008	SSF x Far_LoA	-3,09721935	0,062	0,311
CHR9	26208166	CHR9:26208166	SSF x Far_LoA	-11,1594485	-0,001	0,321
CHR9	2620887	CHR9:2620887	SSF x Far_LoA	-6,0086439	0,063	0,299
CHR9	2620938	CHR9:2620938	SSF x Far_LoA	-8,912161	0,045	0,307
CHR9	2620957	CHR9:2620957	SSF x Far_LoA	-7,25842173	-0,167	0,306
CHR9	2620970	CHR9:2620970	SSF x Far_LoA	-10,961309	-0,009	0,312
CHR9	2620999	CHR9:2620999	SSF x Far_LoA	-7,74959528	0,041	0,317
CHR9	2621025	CHR9:2621025	SSF x Far_LoA	-9,26159718	-0,018	0,288
CHR9	2621048	CHR9:2621048	SSF x Far_LoA	-11,5942181	-0,031	0,311

CHR9	2621096	CHR9:2621096	SSF x Far_LoA	-10,2896393	0,097	0,291
CHR9	2621100	CHR9:2621100	SSF x Far_LoA	-9,46815567	0,103	0,301
CHR9	26223619	CHR9:26223619	SSF x Far_LoA	-8,81225265	-0,041	0,307
CHR9	26223735	CHR9:26223735	SSF x Far_LoA	-10,878959	-0,035	0,287
CHR9	2622612	CHR9:2622612	SSF x Far_LoA	-10,8539893	-0,068	0,318
CHR9	2622661	CHR9:2622661	SSF x Far_LoA	-5,16956104	0,132	0,304
CHR9	2622677	CHR9:2622677	SSF x Far_LoA	-9,51847741	0,177	0,297
CHR9	2622720	CHR9:2622720	SSF x Far_LoA	-7,45044729	0,118	0,302
CHR9	2622726	CHR9:2622726	SSF x Far_LoA	-11,7160357	0,080	0,290
CHR9	2622727	CHR9:2622727	SSF x Far_LoA	-9,37963615	0,082	0,288
CHR9	26229159	CHR9:26229159	SSF x Far_LoA	-9,89407906	0,016	0,316
CHR9	26238333	CHR9:26238333	SSF x Far_LoA	-10,6416742	-0,023	0,311
CHR9	26238347	CHR9:26238347	SSF x Far_LoA	-6,47266467	-0,115	0,304
CHR9	26238416	CHR9:26238416	SSF x Far_LoA	-9,28572845	0,101	0,309
CHR9	26239964	CHR9:26239964	SSF x Far_LoA	-8,11096698	-0,055	0,325
CHR9	26243351	CHR9:26243351	SSF x Far_LoA	-6,36313889	0,085	0,303
CHR9	26246822	CHR9:26246822	SSF x Far_LoA	-8,37419888	0,192	0,302
CHR9	26246870	CHR9:26246870	SSF x Far_LoA	-9,25148738	0,031	0,309
CHR9	2627745	CHR9:2627745	SSF x Far_LoA	-7,05864092	0,019	0,309
CHR9	26281559	CHR9:26281559	SSF x Far_LoA	-1,95284639	-0,017	0,305
CHR9	26281625	CHR9:26281625	SSF x Far_LoA	-5,9076822	-0,066	0,315
CHR9	26281630	CHR9:26281630	SSF x Far_LoA	-10,3953162	0,133	0,297
CHR9	26281798	CHR9:26281798	SSF x Far_LoA	-7,7824492	-0,144	0,290
CHR9	2628478	CHR9:2628478	SSF x Far_LoA	-7,42000801	0,096	0,300
CHR9	2628480	CHR9:2628480	SSF x Far_LoA	-8,27948326	0,137	0,289
CHR9	2628562	CHR9:2628562	SSF x Far_LoA	-7,32101088	0,070	0,300
CHR9	26292085	CHR9:26292085	SSF x Far_LoA	-12,3761931	-0,039	0,305
CHR9	2629878	CHR9:2629878	SSF x Far_LoA	-9,14059193	0,076	0,314
CHR9	2629899	CHR9:2629899	SSF x Far_LoA	-9,03647921	-0,002	0,311
CHR9	2629917	CHR9:2629917	SSF x Far_LoA	-10,3010297	0,074	0,298
CHR9	26299448	CHR9:26299448	SSF x Far_LoA	-9,57475103	-0,038	0,319
CHR9	26299746	CHR9:26299746	SSF x Far_LoA	-10,2721745	0,072	0,306
CHR9	2629998	CHR9:2629998	SSF x Far_LoA	-10,0263261	0,066	0,300
CHR9	2630014	CHR9:2630014	SSF x Far_LoA	-9,06921774	0,023	0,312
CHR9	2630039	CHR9:2630039	SSF x Far_LoA	-8,87855933	-0,069	0,309
CHR9	26312506	CHR9:26312506	SSF x Far_LoA	-9,83718637	-0,015	0,307
CHR9	26312560	CHR9:26312560	SSF x Far_LoA	-10,0050069	-0,069	0,314
CHR9	26341550	CHR9:26341550	SSF x Far_LoA	-8,25589014	-0,089	0,310
CHR9	26341596	CHR9:26341596	SSF x Far_LoA	-4,2853015	-0,038	0,305
CHR9	26341704	CHR9:26341704	SSF x Far_LoA	-11,121729	0,042	0,305
CHR9	26343804	CHR9:26343804	SSF x Far_LoA	-11,2614887	0,016	0,297
CHR9	26343933	CHR9:26343933	SSF x Far_LoA	-8,71354719	-0,140	0,304
CHR9	26354413	CHR9:26354413	SSF x Far_LoA	-10,6552173	0,072	0,307
CHR9	26356948	CHR9:26356948	SSF x Far_LoA	-7,73933012	0,115	0,309
CHR9	26357029	CHR9:26357029	SSF x Far_LoA	-10,9065129	-0,033	0,313
CHR9	26358860	CHR9:26358860	SSF x Far_LoA	-8,93184449	0,008	0,301
CHR9	26358861	CHR9:26358861	SSF x Far_LoA	-8,32259595	-0,025	0,314
CHR9	26365056	CHR9:26365056	SSF x Far_LoA	-9,14320064	-0,013	0,324
CHR9	26368388	CHR9:26368388	SSF x Far_LoA	-9,45465515	0,007	0,304
CHR9	26368501	CHR9:26368501	SSF x Far_LoA	-11,0158906	0,151	0,305
CHR9	26368527	CHR9:26368527	SSF x Far_LoA	-10,2842783	0,094	0,301
CHR9	2637959	CHR9:2637959	SSF x Far_LoA	-10,5741001	-0,008	0,311
CHR9	26412928	CHR9:26412928	SSF x Far_LoA	-6,6455391	0,090	0,306

CHR9	26413079	CHR9:26413079	SSF x Far_LoA	-8,22847137	-0,013	0,303
CHR9	26413114	CHR9:26413114	SSF x Far_LoA	-9,79028334	-0,043	0,296
CHR9	26413131	CHR9:26413131	SSF x Far_LoA	-11,8854975	-0,013	0,310
CHR9	2641960	CHR9:2641960	SSF x Far_LoA	-9,56846802	-0,016	0,310
CHR9	26423669	CHR9:26423669	SSF x Far_LoA	-6,47401781	-0,123	0,291
CHR9	26423670	CHR9:26423670	SSF x Far_LoA	-7,7011808	-0,153	0,294
CHR9	26423694	CHR9:26423694	SSF x Far_LoA	-12,7774856	0,067	0,292
CHR9	26432210	CHR9:26432210	SSF x Far_LoA	-7,81197331	0,084	0,289
CHR9	26432356	CHR9:26432356	SSF x Far_LoA	-8,36088862	0,143	0,293
CHR9	26436925	CHR9:26436925	SSF x Far_LoA	-10,5452612	-0,067	0,318
CHR9	26436926	CHR9:26436926	SSF x Far_LoA	-8,11251663	0,067	0,311
CHR9	26437202	CHR9:26437202	SSF x Far_LoA	-8,41914626	-0,096	0,298
CHR9	26438920	CHR9:26438920	SSF x Far_LoA	-9,76485327	0,111	0,302
CHR9	26438956	CHR9:26438956	SSF x Far_LoA	-6,71202879	-0,179	0,308
CHR9	26443958	CHR9:26443958	SSF x Far_LoA	-8,9201767	0,005	0,317
CHR9	26444051	CHR9:26444051	SSF x Far_LoA	-7,04665047	-0,069	0,317
CHR9	26456482	CHR9:26456482	SSF x Far_LoA	-8,56716119	-0,098	0,305
CHR9	26456511	CHR9:26456511	SSF x Far_LoA	-8,09419925	0,182	0,292
CHR9	26459756	CHR9:26459756	SSF x Far_LoA	-9,85258987	-0,014	0,304
CHR9	26459995	CHR9:26459995	SSF x Far_LoA	-9,34763443	0,149	0,289
CHR9	26460043	CHR9:26460043	SSF x Far_LoA	-7,15374525	-0,078	0,301
CHR9	26462510	CHR9:26462510	SSF x Far_LoA	-10,2382055	0,018	0,314
CHR9	26462747	CHR9:26462747	SSF x Far_LoA	-7,80011686	0,101	0,314
CHR9	26469033	CHR9:26469033	SSF x Far_LoA	-7,88847642	0,009	0,311
CHR9	26469157	CHR9:26469157	SSF x Far_LoA	-6,62283464	-0,089	0,280
CHR9	26469175	CHR9:26469175	SSF x Far_LoA	-8,6285499	0,083	0,315
CHR9	26470839	CHR9:26470839	SSF x Far_LoA	-8,73074371	-0,017	0,309
CHR9	26474251	CHR9:26474251	SSF x Far_LoA	-9,03666887	-0,011	0,303
CHR9	26474281	CHR9:26474281	SSF x Far_LoA	-7,77922948	-0,007	0,309
CHR9	26474349	CHR9:26474349	SSF x Far_LoA	-4,27675783	-0,045	0,308
CHR9	26474353	CHR9:26474353	SSF x Far_LoA	-9,28355189	-0,031	0,319
CHR9	26474410	CHR9:26474410	SSF x Far_LoA	-8,18609993	-0,019	0,300
CHR9	26481975	CHR9:26481975	SSF x Far_LoA	-9,72863848	-0,086	0,306
CHR9	26481980	CHR9:26481980	SSF x Far_LoA	-10,0043223	0,041	0,313
CHR9	26481989	CHR9:26481989	SSF x Far_LoA	-8,6332549	-0,074	0,300
CHR9	26482101	CHR9:26482101	SSF x Far_LoA	-11,5979544	-0,073	0,293
CHR9	26488911	CHR9:26488911	SSF x Far_LoA	-4,93857757	0,062	0,306
CHR9	26488929	CHR9:26488929	SSF x Far_LoA	-6,17368552	0,101	0,301
CHR9	26488947	CHR9:26488947	SSF x Far_LoA	-8,12994082	-0,017	0,300
CHR9	26496170	CHR9:26496170	SSF x Far_LoA	-9,96521745	-0,061	0,314
CHR9	26496275	CHR9:26496275	SSF x Far_LoA	-9,39211223	0,019	0,295
CHR9	26496459	CHR9:26496459	SSF x Far_LoA	-8,14075776	0,154	0,294
CHR9	26496556	CHR9:26496556	SSF x Far_LoA	-11,1731937	0,015	0,309
CHR9	26502789	CHR9:26502789	SSF x Far_LoA	-8,40667117	0,221	0,290
CHR9	26502817	CHR9:26502817	SSF x Far_LoA	-12,2115612	0,043	0,299
CHR9	26503050	CHR9:26503050	SSF x Far_LoA	-12,2648055	-0,014	0,311
CHR9	2650360	CHR9:2650360	SSF x Far_LoA	-10,3010266	-0,045	0,312
CHR9	2650416	CHR9:2650416	SSF x Far_LoA	-10,6376381	0,080	0,299
CHR9	2650487	CHR9:2650487	SSF x Far_LoA	-8,38778308	-0,073	0,321
CHR9	26506714	CHR9:26506714	SSF x Far_LoA	-6,54111988	0,132	0,306
CHR9	26506715	CHR9:26506715	SSF x Far_LoA	-6,86416306	0,120	0,307
CHR9	26506716	CHR9:26506716	SSF x Far_LoA	-7,37884546	0,139	0,299
CHR9	26511016	CHR9:26511016	SSF x Far_LoA	-7,76057386	-0,096	0,309

CHR9	26511032	CHR9:26511032	SSF x Far_LoA	-10,973417	0,052	0,305
CHR9	26511181	CHR9:26511181	SSF x Far_LoA	-6,90449088	0,030	0,330
CHR9	26511216	CHR9:26511216	SSF x Far_LoA	-9,7819787	-0,057	0,306
CHR9	26514686	CHR9:26514686	SSF x Far_LoA	-10,972679	-0,063	0,299
CHR9	2651646	CHR9:2651646	SSF x Far_LoA	-8,64577407	-0,084	0,303
CHR9	26535668	CHR9:26535668	SSF x Far_LoA	-10,296015	0,059	0,301
CHR9	26535835	CHR9:26535835	SSF x Far_LoA	-9,0803463	-0,034	0,311
CHR9	26535852	CHR9:26535852	SSF x Far_LoA	-10,2557633	0,120	0,310
CHR9	26535864	CHR9:26535864	SSF x Far_LoA	-9,03296676	0,005	0,321
CHR9	26535926	CHR9:26535926	SSF x Far_LoA	-9,82731237	0,035	0,309
CHR9	26535951	CHR9:26535951	SSF x Far_LoA	-12,0503506	-0,041	0,307
CHR9	26536050	CHR9:26536050	SSF x Far_LoA	-10,0890155	-0,165	0,305
CHR9	26548297	CHR9:26548297	SSF x Far_LoA	-10,2127399	-0,040	0,308
CHR9	26548322	CHR9:26548322	SSF x Far_LoA	-11,9752209	-0,031	0,297
CHR9	26548329	CHR9:26548329	SSF x Far_LoA	-3,893037	0,107	0,310
CHR9	26548425	CHR9:26548425	SSF x Far_LoA	0,24109761	0,163	0,303
CHR9	26551512	CHR9:26551512	SSF x Far_LoA	-9,76303567	-0,069	0,310
CHR9	26551557	CHR9:26551557	SSF x Far_LoA	-9,45186068	0,132	0,286
CHR9	26554017	CHR9:26554017	SSF x Far_LoA	-11,3075901	-0,043	0,301
CHR9	26554023	CHR9:26554023	SSF x Far_LoA	-6,90912371	0,105	0,298
CHR9	26556667	CHR9:26556667	SSF x Far_LoA	1,25064891	-0,077	0,316
CHR9	26562099	CHR9:26562099	SSF x Far_LoA	-10,5115516	0,011	0,319
CHR9	26562221	CHR9:26562221	SSF x Far_LoA	-10,50177	0,026	0,315
CHR9	26562381	CHR9:26562381	SSF x Far_LoA	-8,24282794	0,042	0,300
CHR9	26562428	CHR9:26562428	SSF x Far_LoA	-11,4947269	0,028	0,316
CHR9	26573189	CHR9:26573189	SSF x Far_LoA	-10,5363558	-0,062	0,310
CHR9	26573190	CHR9:26573190	SSF x Far_LoA	-5,6823215	0,022	0,319
CHR9	26573241	CHR9:26573241	SSF x Far_LoA	-11,6721685	0,001	0,297
CHR9	26573262	CHR9:26573262	SSF x Far_LoA	-7,01835255	0,045	0,294
CHR9	26573265	CHR9:26573265	SSF x Far_LoA	-9,23610349	0,001	0,294
CHR9	26573341	CHR9:26573341	SSF x Far_LoA	-9,11414489	0,020	0,304
CHR9	26573383	CHR9:26573383	SSF x Far_LoA	-11,4130364	-0,043	0,309
CHR9	26585967	CHR9:26585967	SSF x Far_LoA	-10,0035071	-0,029	0,299
CHR9	26585968	CHR9:26585968	SSF x Far_LoA	-7,92335343	0,086	0,303
CHR9	26586057	CHR9:26586057	SSF x Far_LoA	-10,2653092	-0,034	0,304
CHR9	26586301	CHR9:26586301	SSF x Far_LoA	-10,5301016	0,110	0,298
CHR9	26586352	CHR9:26586352	SSF x Far_LoA	-11,89806	0,005	0,306
CHR9	26591135	CHR9:26591135	SSF x Far_LoA	-9,41984054	-0,101	0,295
CHR9	26599706	CHR9:26599706	SSF x Far_LoA	-3,99981034	0,116	0,300
CHR9	26599952	CHR9:26599952	SSF x Far_LoA	-8,05563263	-0,069	0,313
CHR9	26603968	CHR9:26603968	SSF x Far_LoA	-10,9891657	-0,073	0,308
CHR9	26608868	CHR9:26608868	SSF x Far_LoA	-10,1802247	0,107	0,290
CHR9	26608982	CHR9:26608982	SSF x Far_LoA	-9,60095658	-0,143	0,325
CHR9	26613165	CHR9:26613165	SSF x Far_LoA	-11,4461219	0,067	0,283
CHR9	26613183	CHR9:26613183	SSF x Far_LoA	-6,90444002	0,159	0,299
CHR9	26613268	CHR9:26613268	SSF x Far_LoA	-7,42953128	-0,113	0,298
CHR9	26619262	CHR9:26619262	SSF x Far_LoA	-7,43705567	0,099	0,312
CHR9	26619263	CHR9:26619263	SSF x Far_LoA	-11,4601178	-0,062	0,316
CHR9	26619385	CHR9:26619385	SSF x Far_LoA	-11,5475035	-0,010	0,315
CHR9	26638357	CHR9:26638357	SSF x Far_LoA	-8,59237882	-0,106	0,299
CHR9	26642530	CHR9:26642530	SSF x Far_LoA	-8,09422094	-0,075	0,300
CHR9	26644375	CHR9:26644375	SSF x Far_LoA	-9,21435563	0,167	0,299
CHR9	26644403	CHR9:26644403	SSF x Far_LoA	-10,200061	-0,160	0,303

CHR9	26644518	CHR9:26644518	SSF x Far_LoA	-7,89810564	-0,187	0,298
CHR9	26644605	CHR9:26644605	SSF x Far_LoA	-10,3423065	-0,064	0,313
CHR9	26660829	CHR9:26660829	SSF x Far_LoA	-9,31211434	-0,054	0,315
CHR9	26681520	CHR9:26681520	SSF x Far_LoA	-7,18894296	0,007	0,300
CHR9	2668399	CHR9:2668399	SSF x Far_LoA	-9,42575159	0,035	0,304
CHR9	2668405	CHR9:2668405	SSF x Far_LoA	-10,6326335	-0,035	0,303
CHR9	2668514	CHR9:2668514	SSF x Far_LoA	-8,23207161	0,060	0,316
CHR9	2668527	CHR9:2668527	SSF x Far_LoA	-5,09327514	-0,103	0,300
CHR9	2668601	CHR9:2668601	SSF x Far_LoA	-10,3737367	-0,004	0,305
CHR9	2669470	CHR9:2669470	SSF x Far_LoA	-7,86318774	-0,113	0,310
CHR9	2669476	CHR9:2669476	SSF x Far_LoA	-8,73882384	-0,022	0,311
CHR9	2669485	CHR9:2669485	SSF x Far_LoA	-5,05658533	0,139	0,297
CHR9	26698417	CHR9:26698417	SSF x Far_LoA	-10,8301339	0,068	0,299
CHR9	26698499	CHR9:26698499	SSF x Far_LoA	-9,13390273	-0,024	0,305
CHR9	26698507	CHR9:26698507	SSF x Far_LoA	-9,01612579	-0,031	0,307
CHR9	2671971	CHR9:2671971	SSF x Far_LoA	-9,66144202	-0,026	0,307
CHR9	26727871	CHR9:26727871	SSF x Far_LoA	-2,87925616	-0,010	0,313
CHR9	26728019	CHR9:26728019	SSF x Far_LoA	-8,87772504	0,033	0,326
CHR9	26732138	CHR9:26732138	SSF x Far_LoA	-9,06907492	-0,046	0,315
CHR9	26743029	CHR9:26743029	SSF x Far_LoA	-8,94013105	0,101	0,306
CHR9	26752679	CHR9:26752679	SSF x Far_LoA	-10,5574031	-0,117	0,310
CHR9	26771535	CHR9:26771535	SSF x Far_LoA	0,83874099	0,075	0,309
CHR9	26777253	CHR9:26777253	SSF x Far_LoA	-5,31687785	-0,122	0,310
CHR9	26788865	CHR9:26788865	SSF x Far_LoA	-9,64802013	-0,073	0,300
CHR9	26816713	CHR9:26816713	SSF x Far_LoA	-11,2655708	-0,003	0,305
CHR9	26816714	CHR9:26816714	SSF x Far_LoA	-10,6704481	-0,041	0,296
CHR9	26816767	CHR9:26816767	SSF x Far_LoA	-9,22098326	-0,160	0,303
CHR9	26822582	CHR9:26822582	SSF x Far_LoA	-9,5586532	0,048	0,291
CHR9	26822693	CHR9:26822693	SSF x Far_LoA	-10,8103899	0,027	0,314
CHR9	26822762	CHR9:26822762	SSF x Far_LoA	-10,0694473	-0,072	0,316
CHR9	26832919	CHR9:26832919	SSF x Far_LoA	-11,2368246	-0,033	0,295
CHR9	26833819	CHR9:26833819	SSF x Far_LoA	-9,35782362	-0,106	0,312
CHR9	26840284	CHR9:26840284	SSF x Far_LoA	-11,0902312	-0,102	0,301
CHR9	26840313	CHR9:26840313	SSF x Far_LoA	-10,0063267	-0,008	0,307
CHR9	26840349	CHR9:26840349	SSF x Far_LoA	-8,76976666	0,047	0,296
CHR9	26840536	CHR9:26840536	SSF x Far_LoA	-5,80945843	0,074	0,304
CHR9	2684854	CHR9:2684854	SSF x Far_LoA	-11,8293607	-0,039	0,304
CHR9	2685398	CHR9:2685398	SSF x Far_LoA	-9,39173081	0,037	0,312
CHR9	2685430	CHR9:2685430	SSF x Far_LoA	-9,75031727	-0,037	0,315
CHR9	26864158	CHR9:26864158	SSF x Far_LoA	-8,43434751	0,042	0,298
CHR9	26864194	CHR9:26864194	SSF x Far_LoA	-7,76618985	0,058	0,308
CHR9	26864221	CHR9:26864221	SSF x Far_LoA	-5,98160751	0,094	0,307
CHR9	26868561	CHR9:26868561	SSF x Far_LoA	-6,97931058	0,024	0,301
CHR9	26868592	CHR9:26868592	SSF x Far_LoA	-6,44030494	-0,064	0,307
CHR9	26878497	CHR9:26878497	SSF x Far_LoA	-10,0448985	-0,007	0,305
CHR9	26878666	CHR9:26878666	SSF x Far_LoA	-9,70469966	-0,047	0,287
CHR9	26878730	CHR9:26878730	SSF x Far_LoA	-8,81404153	-0,043	0,300
CHR9	26891764	CHR9:26891764	SSF x Far_LoA	-10,2503443	-0,107	0,302
CHR9	26891815	CHR9:26891815	SSF x Far_LoA	-8,51126373	-0,008	0,313
CHR9	26900216	CHR9:26900216	SSF x Far_LoA	-11,6058998	-0,012	0,309
CHR9	26909472	CHR9:26909472	SSF x Far_LoA	-6,79475793	-0,022	0,321
CHR9	26911072	CHR9:26911072	SSF x Far_LoA	-8,37084746	-0,022	0,315
CHR9	26918007	CHR9:26918007	SSF x Far_LoA	-8,38496709	0,035	0,314

CHR9	2691960	CHR9:2691960	SSF x Far_LoA	-10,7268006	0,039	0,301
CHR9	2691972	CHR9:2691972	SSF x Far_LoA	-9,80121619	-0,042	0,320
CHR9	2692010	CHR9:2692010	SSF x Far_LoA	-10,8285475	-0,079	0,322
CHR9	2692026	CHR9:2692026	SSF x Far_LoA	-9,2236937	-0,048	0,305
CHR9	2692071	CHR9:2692071	SSF x Far_LoA	-11,1035817	-0,012	0,308
CHR9	2692103	CHR9:2692103	SSF x Far_LoA	-11,7945411	0,020	0,309
CHR9	2692115	CHR9:2692115	SSF x Far_LoA	-7,33667422	-0,130	0,319
CHR9	26933591	CHR9:26933591	SSF x Far_LoA	-7,076609	-0,052	0,306
CHR9	2693735	CHR9:2693735	SSF x Far_LoA	-6,55142671	0,123	0,307
CHR9	2693792	CHR9:2693792	SSF x Far_LoA	-11,1156793	0,009	0,301
CHR9	26957786	CHR9:26957786	SSF x Far_LoA	-8,90020126	0,004	0,300
CHR9	26957890	CHR9:26957890	SSF x Far_LoA	-6,62949849	-0,021	0,310
CHR9	26958513	CHR9:26958513	SSF x Far_LoA	-11,1744145	0,023	0,290
CHR9	26965711	CHR9:26965711	SSF x Far_LoA	-9,56390668	-0,056	0,311
CHR9	2696893	CHR9:2696893	SSF x Far_LoA	-4,92272582	-0,164	0,298
CHR9	2710484	CHR9:2710484	SSF x Far_LoA	-7,76501542	-0,124	0,300
CHR9	2710488	CHR9:2710488	SSF x Far_LoA	-8,12449634	-0,113	0,310
CHR9	2710542	CHR9:2710542	SSF x Far_LoA	-8,9032872	-0,070	0,304
CHR9	2713549	CHR9:2713549	SSF x Far_LoA	-8,47610044	0,047	0,311
CHR9	2715909	CHR9:2715909	SSF x Far_LoA	-7,01489898	-0,164	0,298
CHR9	2724319	CHR9:2724319	SSF x Far_LoA	-1,17946122	-0,087	0,299
CHR9	2727543	CHR9:2727543	SSF x Far_LoA	-8,69846068	-0,089	0,311
CHR9	2727569	CHR9:2727569	SSF x Far_LoA	-8,37983904	0,013	0,310
CHR9	2727590	CHR9:2727590	SSF x Far_LoA	-7,58595216	-0,120	0,307
CHR9	2727666	CHR9:2727666	SSF x Far_LoA	-9,32806189	-0,059	0,306
CHR9	2729607	CHR9:2729607	SSF x Far_LoA	-10,9829164	-0,078	0,312
CHR9	2729738	CHR9:2729738	SSF x Far_LoA	-8,58359079	0,017	0,311
CHR9	2742410	CHR9:2742410	SSF x Far_LoA	-10,0630253	-0,007	0,301
CHR9	2753676	CHR9:2753676	SSF x Far_LoA	-9,79450166	0,022	0,311
CHR9	2753745	CHR9:2753745	SSF x Far_LoA	-10,8538697	-0,031	0,294
CHR9	2753911	CHR9:2753911	SSF x Far_LoA	-10,397375	0,079	0,306
CHR9	2754653	CHR9:2754653	SSF x Far_LoA	-10,4922279	0,031	0,304
CHR9	2754730	CHR9:2754730	SSF x Far_LoA	-8,96607096	0,045	0,306
CHR9	2754806	CHR9:2754806	SSF x Far_LoA	-7,44780672	-0,157	0,297
CHR9	2754811	CHR9:2754811	SSF x Far_LoA	-5,86976493	-0,094	0,302
CHR9	2754814	CHR9:2754814	SSF x Far_LoA	-7,88614644	-0,097	0,295
CHR9	2763202	CHR9:2763202	SSF x Far_LoA	-9,13245559	0,037	0,297
CHR9	2763230	CHR9:2763230	SSF x Far_LoA	-5,8080434	0,191	0,284
CHR9	2765411	CHR9:2765411	SSF x Far_LoA	-8,98079459	-0,033	0,312
CHR9	2765507	CHR9:2765507	SSF x Far_LoA	-10,8647583	-0,007	0,305
CHR9	2767423	CHR9:2767423	SSF x Far_LoA	-9,68373857	0,153	0,302
CHR9	2767579	CHR9:2767579	SSF x Far_LoA	-11,7828309	0,014	0,299
CHR9	2767643	CHR9:2767643	SSF x Far_LoA	-7,96480873	0,059	0,302
CHR9	2767649	CHR9:2767649	SSF x Far_LoA	-10,8078138	-0,008	0,302
CHR9	2779797	CHR9:2779797	SSF x Far_LoA	-11,360749	-0,064	0,301
CHR9	2783413	CHR9:2783413	SSF x Far_LoA	-9,08843703	0,113	0,298
CHR9	2785857	CHR9:2785857	SSF x Far_LoA	-8,00961723	-0,038	0,319
CHR9	2785925	CHR9:2785925	SSF x Far_LoA	-8,65139072	0,089	0,304
CHR9	2786014	CHR9:2786014	SSF x Far_LoA	-8,7452059	0,077	0,306
CHR9	2792489	CHR9:2792489	SSF x Far_LoA	-9,47750756	0,045	0,307
CHR9	2792533	CHR9:2792533	SSF x Far_LoA	-10,0536618	-0,003	0,306
CHR9	2792604	CHR9:2792604	SSF x Far_LoA	-6,55868032	-0,009	0,311
CHR9	2795035	CHR9:2795035	SSF x Far_LoA	-10,6438962	0,037	0,294

CHR9	2804528	CHR9:2804528	SSF x Far_LoA	-8,85304972	-0,030	0,314
CHR9	2804530	CHR9:2804530	SSF x Far_LoA	-10,7267541	-0,016	0,305
CHR9	2804579	CHR9:2804579	SSF x Far_LoA	-9,66997407	-0,022	0,293
CHR9	2804580	CHR9:2804580	SSF x Far_LoA	-8,64749195	-0,040	0,300
CHR9	2806636	CHR9:2806636	SSF x Far_LoA	-8,76902937	0,111	0,301
CHR9	2806675	CHR9:2806675	SSF x Far_LoA	-10,9553598	0,024	0,297
CHR9	2806694	CHR9:2806694	SSF x Far_LoA	-11,8525245	0,086	0,306
CHR9	2808207	CHR9:2808207	SSF x Far_LoA	-9,46783683	-0,041	0,308
CHR9	2808230	CHR9:2808230	SSF x Far_LoA	-9,2635255	-0,024	0,305
CHR9	2808241	CHR9:2808241	SSF x Far_LoA	-10,4005389	0,066	0,291
CHR9	2808300	CHR9:2808300	SSF x Far_LoA	-6,6614194	-0,125	0,319
CHR9	28112	CHR9:28112	SSF x Far_LoA	-7,50745693	-0,115	0,302
CHR9	2812871	CHR9:2812871	SSF x Far_LoA	-7,77917487	0,087	0,308
CHR9	2812900	CHR9:2812900	SSF x Far_LoA	-11,3511661	-0,011	0,304
CHR9	2812930	CHR9:2812930	SSF x Far_LoA	-7,90237368	-0,073	0,310
CHR9	2812943	CHR9:2812943	SSF x Far_LoA	-9,02159356	0,014	0,306
CHR9	2813105	CHR9:2813105	SSF x Far_LoA	-9,51796114	0,051	0,303
CHR9	2817208	CHR9:2817208	SSF x Far_LoA	-8,47622274	0,057	0,305
CHR9	2821327	CHR9:2821327	SSF x Far_LoA	-8,74468866	-0,039	0,301
CHR9	2821447	CHR9:2821447	SSF x Far_LoA	2,42629961	-0,089	0,299
CHR9	2821556	CHR9:2821556	SSF x Far_LoA	-9,51720746	0,027	0,300
CHR9	2827757	CHR9:2827757	SSF x Far_LoA	-7,65018434	0,016	0,309
CHR9	2828377	CHR9:2828377	SSF x Far_LoA	-9,26777977	-0,142	0,278
CHR9	2828402	CHR9:2828402	SSF x Far_LoA	-6,68085174	-0,127	0,292
CHR9	2828473	CHR9:2828473	SSF x Far_LoA	-10,3101672	-0,094	0,304
CHR9	2834439	CHR9:2834439	SSF x Far_LoA	-9,6743171	0,033	0,318
CHR9	2834546	CHR9:2834546	SSF x Far_LoA	-4,76245229	-0,069	0,312
CHR9	2834609	CHR9:2834609	SSF x Far_LoA	-10,4796307	0,141	0,299
CHR9	2834665	CHR9:2834665	SSF x Far_LoA	-7,42664748	-0,088	0,314
CHR9	283646	CHR9:283646	SSF x Far_LoA	-8,76773904	0,081	0,308
CHR9	2846465	CHR9:2846465	SSF x Far_LoA	-8,41886432	0,101	0,308
CHR9	2846466	CHR9:2846466	SSF x Far_LoA	-11,735694	-0,074	0,311
CHR9	2846472	CHR9:2846472	SSF x Far_LoA	-8,38578863	0,029	0,309
CHR9	2849283	CHR9:2849283	SSF x Far_LoA	-9,08004491	-0,095	0,317
CHR9	2849291	CHR9:2849291	SSF x Far_LoA	-10,7417258	0,065	0,287
CHR9	2849293	CHR9:2849293	SSF x Far_LoA	-8,00881327	-0,003	0,315
CHR9	2849403	CHR9:2849403	SSF x Far_LoA	-8,5277644	-0,060	0,302
CHR9	2851207	CHR9:2851207	SSF x Far_LoA	-10,638989	-0,025	0,311
CHR9	2851284	CHR9:2851284	SSF x Far_LoA	-5,61574476	-0,148	0,301
CHR9	2851328	CHR9:2851328	SSF x Far_LoA	-11,3453064	0,047	0,313
CHR9	2851354	CHR9:2851354	SSF x Far_LoA	-10,9570221	0,125	0,287
CHR9	2851361	CHR9:2851361	SSF x Far_LoA	-7,50065268	-0,040	0,294
CHR9	2851402	CHR9:2851402	SSF x Far_LoA	-6,543529	-0,086	0,314
CHR9	2857576	CHR9:2857576	SSF x Far_LoA	-7,78024484	0,064	0,307
CHR9	2857583	CHR9:2857583	SSF x Far_LoA	-8,04837107	0,028	0,297
CHR9	2857712	CHR9:2857712	SSF x Far_LoA	-9,60029951	0,017	0,302
CHR9	2857883	CHR9:2857883	SSF x Far_LoA	-11,1816836	0,030	0,299
CHR9	2867980	CHR9:2867980	SSF x Far_LoA	-9,58887838	-0,122	0,303
CHR9	2868128	CHR9:2868128	SSF x Far_LoA	-10,3338588	0,106	0,291
CHR9	2868135	CHR9:2868135	SSF x Far_LoA	-8,26722409	0,085	0,316
CHR9	2868226	CHR9:2868226	SSF x Far_LoA	-10,7148015	-0,047	0,296
CHR9	2869854	CHR9:2869854	SSF x Far_LoA	-12,1130097	-0,064	0,299
CHR9	2870891	CHR9:2870891	SSF x Far_LoA	-9,64298099	0,013	0,306

CHR9	2870896	CHR9:2870896	SSF x Far_LoA	-7,77728358	-0,145	0,307
CHR9	2870897	CHR9:2870897	SSF x Far_LoA	-6,94853368	-0,136	0,303
CHR9	2870898	CHR9:2870898	SSF x Far_LoA	-5,21349203	-0,155	0,303
CHR9	2871120	CHR9:2871120	SSF x Far_LoA	-9,51532866	-0,023	0,316
CHR9	287143	CHR9:287143	SSF x Far_LoA	-6,99721787	-0,018	0,317
CHR9	288300	CHR9:288300	SSF x Far_LoA	-11,7140855	-0,048	0,306
CHR9	2890829	CHR9:2890829	SSF x Far_LoA	-8,55574599	-0,024	0,316
CHR9	2890969	CHR9:2890969	SSF x Far_LoA	-11,8632335	-0,035	0,316
CHR9	2896696	CHR9:2896696	SSF x Far_LoA	-10,4654683	-0,054	0,295
CHR9	2904306	CHR9:2904306	SSF x Far_LoA	-10,7624041	-0,024	0,302
CHR9	2904449	CHR9:2904449	SSF x Far_LoA	-4,60753555	-0,188	0,298
CHR9	2904459	CHR9:2904459	SSF x Far_LoA	-8,49914372	0,099	0,310
CHR9	2904479	CHR9:2904479	SSF x Far_LoA	-10,488034	-0,002	0,299
CHR9	2905571	CHR9:2905571	SSF x Far_LoA	-8,35707406	0,069	0,303
CHR9	2905680	CHR9:2905680	SSF x Far_LoA	-10,6603734	-0,012	0,323
CHR9	2905701	CHR9:2905701	SSF x Far_LoA	-10,0943821	0,041	0,309
CHR9	2905702	CHR9:2905702	SSF x Far_LoA	-9,75764908	0,048	0,309
CHR9	2905717	CHR9:2905717	SSF x Far_LoA	-7,9652682	0,086	0,309
CHR9	2905746	CHR9:2905746	SSF x Far_LoA	-10,228284	0,009	0,303
CHR9	2905776	CHR9:2905776	SSF x Far_LoA	-10,8295212	0,047	0,303
CHR9	29134	CHR9:29134	SSF x Far_LoA	-10,6714425	0,002	0,311
CHR9	2913914	CHR9:2913914	SSF x Far_LoA	-8,95806194	0,059	0,318
CHR9	2913953	CHR9:2913953	SSF x Far_LoA	-7,78204436	0,069	0,300
CHR9	2913958	CHR9:2913958	SSF x Far_LoA	-8,56273119	0,087	0,287
CHR9	2914063	CHR9:2914063	SSF x Far_LoA	-10,9757602	-0,042	0,313
CHR9	2914133	CHR9:2914133	SSF x Far_LoA	-9,27320361	-0,095	0,309
CHR9	2918592	CHR9:2918592	SSF x Far_LoA	-10,2627449	0,024	0,304
CHR9	2918667	CHR9:2918667	SSF x Far_LoA	-9,89909159	0,132	0,306
CHR9	2918683	CHR9:2918683	SSF x Far_LoA	-6,98614833	0,147	0,315
CHR9	29199	CHR9:29199	SSF x Far_LoA	-10,1992578	0,012	0,310
CHR9	29206	CHR9:29206	SSF x Far_LoA	-6,69402536	0,025	0,311
CHR9	2924096	CHR9:2924096	SSF x Far_LoA	-12,0439323	0,071	0,292
CHR9	2924097	CHR9:2924097	SSF x Far_LoA	-8,72154488	0,086	0,300
CHR9	2924115	CHR9:2924115	SSF x Far_LoA	-9,99687042	0,066	0,303
CHR9	2924152	CHR9:2924152	SSF x Far_LoA	-9,42512626	-0,040	0,301
CHR9	2924200	CHR9:2924200	SSF x Far_LoA	-6,64605618	-0,033	0,300
CHR9	2927423	CHR9:2927423	SSF x Far_LoA	-11,1581846	-0,097	0,303
CHR9	2929311	CHR9:2929311	SSF x Far_LoA	-7,52831498	-0,140	0,318
CHR9	2929555	CHR9:2929555	SSF x Far_LoA	-7,49543339	-0,047	0,309
CHR9	2930469	CHR9:2930469	SSF x Far_LoA	-8,26261964	0,001	0,313
CHR9	2930475	CHR9:2930475	SSF x Far_LoA	-10,0400651	-0,012	0,306
CHR9	2930476	CHR9:2930476	SSF x Far_LoA	-10,6088393	-0,028	0,306
CHR9	2930504	CHR9:2930504	SSF x Far_LoA	-8,88309647	0,007	0,301
CHR9	2930508	CHR9:2930508	SSF x Far_LoA	-9,91858701	0,018	0,297
CHR9	2930537	CHR9:2930537	SSF x Far_LoA	-8,09972522	-0,124	0,302
CHR9	2936608	CHR9:2936608	SSF x Far_LoA	-7,81254992	0,061	0,308
CHR9	2936693	CHR9:2936693	SSF x Far_LoA	-8,67507684	-0,105	0,323
CHR9	2936828	CHR9:2936828	SSF x Far_LoA	-5,55965938	0,016	0,316
CHR9	29384	CHR9:29384	SSF x Far_LoA	-5,36223808	0,007	0,316
CHR9	2940601	CHR9:2940601	SSF x Far_LoA	-9,22050426	0,076	0,302
CHR9	2940719	CHR9:2940719	SSF x Far_LoA	-5,10674894	-0,037	0,295
CHR9	2940735	CHR9:2940735	SSF x Far_LoA	-10,2896466	-0,080	0,315
CHR9	2942942	CHR9:2942942	SSF x Far_LoA	-10,4301666	-0,086	0,303

CHR9	2951708	CHR9:2951708	SSF x Far_LoA	-10,3174427	-0,020	0,310
CHR9	2951710	CHR9:2951710	SSF x Far_LoA	-8,11331636	-0,024	0,321
CHR9	2956012	CHR9:2956012	SSF x Far_LoA	-7,62303944	0,055	0,314
CHR9	2956054	CHR9:2956054	SSF x Far_LoA	-8,93288511	0,055	0,319
CHR9	2970323	CHR9:2970323	SSF x Far_LoA	-7,32044078	0,045	0,307
CHR9	2970379	CHR9:2970379	SSF x Far_LoA	-9,44691468	-0,007	0,300
CHR9	2974303	CHR9:2974303	SSF x Far_LoA	-7,99747518	-0,052	0,310
CHR9	2974344	CHR9:2974344	SSF x Far_LoA	-8,2703441	-0,071	0,297
CHR9	2974349	CHR9:2974349	SSF x Far_LoA	-11,5564794	-0,029	0,287
CHR9	2974495	CHR9:2974495	SSF x Far_LoA	-11,5511898	-0,003	0,307
CHR9	298277	CHR9:298277	SSF x Far_LoA	-10,171881	-0,025	0,298
CHR9	2982830	CHR9:2982830	SSF x Far_LoA	-10,3259932	0,016	0,304
CHR9	2988218	CHR9:2988218	SSF x Far_LoA	-8,33159065	0,136	0,301
CHR9	2988266	CHR9:2988266	SSF x Far_LoA	-8,62063521	0,119	0,311
CHR9	2988294	CHR9:2988294	SSF x Far_LoA	-7,70995273	-0,055	0,308
CHR9	2992359	CHR9:2992359	SSF x Far_LoA	-8,9375601	-0,067	0,310
CHR9	2993231	CHR9:2993231	SSF x Far_LoA	-8,26648199	-0,083	0,312
CHR9	2993245	CHR9:2993245	SSF x Far_LoA	-7,64784883	-0,139	0,299
CHR9	2993257	CHR9:2993257	SSF x Far_LoA	-10,3660722	-0,067	0,306
CHR9	2993268	CHR9:2993268	SSF x Far_LoA	-9,30772852	-0,098	0,307
CHR9	2993326	CHR9:2993326	SSF x Far_LoA	-8,29686381	-0,140	0,311
CHR9	2997871	CHR9:2997871	SSF x Far_LoA	-9,93248685	-0,012	0,301
CHR9	2997882	CHR9:2997882	SSF x Far_LoA	-8,82961877	-0,080	0,313
CHR9	2997895	CHR9:2997895	SSF x Far_LoA	-11,9217491	-0,103	0,301
CHR9	2997943	CHR9:2997943	SSF x Far_LoA	-8,21272658	0,164	0,295
CHR9	3002804	CHR9:3002804	SSF x Far_LoA	-5,30145771	-0,091	0,318
CHR9	3002840	CHR9:3002840	SSF x Far_LoA	-5,27517349	-0,031	0,327
CHR9	3003011	CHR9:3003011	SSF x Far_LoA	-9,91289501	-0,036	0,310
CHR9	3003012	CHR9:3003012	SSF x Far_LoA	-11,7020433	0,005	0,306
CHR9	3003015	CHR9:3003015	SSF x Far_LoA	-7,053462	0,162	0,293
CHR9	3003055	CHR9:3003055	SSF x Far_LoA	-9,67123477	0,066	0,296
CHR9	3003077	CHR9:3003077	SSF x Far_LoA	-8,21489634	0,145	0,299
CHR9	3006648	CHR9:3006648	SSF x Far_LoA	-1,55192628	0,012	0,300
CHR9	3006724	CHR9:3006724	SSF x Far_LoA	-8,83067695	-0,036	0,311
CHR9	3006855	CHR9:3006855	SSF x Far_LoA	-10,4723702	-0,005	0,300
CHR9	3006881	CHR9:3006881	SSF x Far_LoA	-9,96705846	0,023	0,304
CHR9	3008311	CHR9:3008311	SSF x Far_LoA	-7,49140376	-0,077	0,307
CHR9	3008337	CHR9:3008337	SSF x Far_LoA	-7,06784387	0,120	0,306
CHR9	3008349	CHR9:3008349	SSF x Far_LoA	-10,5583993	0,031	0,303
CHR9	3008486	CHR9:3008486	SSF x Far_LoA	-8,88404669	0,032	0,313
CHR9	3008551	CHR9:3008551	SSF x Far_LoA	-7,34888615	0,017	0,313
CHR9	3008680	CHR9:3008680	SSF x Far_LoA	-10,4519018	0,072	0,301
CHR9	3017698	CHR9:3017698	SSF x Far_LoA	-10,3563381	0,069	0,308
CHR9	3026752	CHR9:3026752	SSF x Far_LoA	-8,01404136	-0,048	0,311
CHR9	3026900	CHR9:3026900	SSF x Far_LoA	-7,69401306	-0,118	0,293
CHR9	3026939	CHR9:3026939	SSF x Far_LoA	-10,0856533	-0,107	0,321
CHR9	303040	CHR9:303040	SSF x Far_LoA	-9,23497348	-0,056	0,309
CHR9	3034808	CHR9:3034808	SSF x Far_LoA	-9,55458849	0,052	0,302
CHR9	3036504	CHR9:3036504	SSF x Far_LoA	-10,3469296	0,056	0,316
CHR9	3036700	CHR9:3036700	SSF x Far_LoA	-7,47540139	-0,108	0,291
CHR9	3040835	CHR9:3040835	SSF x Far_LoA	-9,07309371	0,037	0,305
CHR9	3040866	CHR9:3040866	SSF x Far_LoA	-10,2570065	0,051	0,301
CHR9	3058441	CHR9:3058441	SSF x Far_LoA	-10,0422067	-0,004	0,305

CHR9	3058519	CHR9:3058519	SSF x Far_LoA	-8,46321699	-0,095	0,306
CHR9	3058531	CHR9:3058531	SSF x Far_LoA	-10,6255619	-0,059	0,321
CHR9	3060735	CHR9:3060735	SSF x Far_LoA	-11,4033967	0,059	0,308
CHR9	3060740	CHR9:3060740	SSF x Far_LoA	-9,92046599	0,011	0,312
CHR9	3063022	CHR9:3063022	SSF x Far_LoA	-5,77182513	-0,229	0,285
CHR9	3068731	CHR9:3068731	SSF x Far_LoA	-7,41154911	-0,086	0,306
CHR9	3068735	CHR9:3068735	SSF x Far_LoA	-6,66039644	-0,091	0,305
CHR9	3074663	CHR9:3074663	SSF x Far_LoA	-6,5797063	-0,058	0,317
CHR9	3074669	CHR9:3074669	SSF x Far_LoA	-8,90374877	-0,014	0,317
CHR9	3074672	CHR9:3074672	SSF x Far_LoA	-9,93252971	0,036	0,300
CHR9	3074675	CHR9:3074675	SSF x Far_LoA	-11,8101388	0,062	0,302
CHR9	3074720	CHR9:3074720	SSF x Far_LoA	-8,33514039	0,143	0,291
CHR9	3074739	CHR9:3074739	SSF x Far_LoA	-9,61594613	-0,044	0,313
CHR9	3074740	CHR9:3074740	SSF x Far_LoA	-8,73341099	-0,034	0,307
CHR9	3074766	CHR9:3074766	SSF x Far_LoA	-9,82371566	-0,078	0,297
CHR9	3074851	CHR9:3074851	SSF x Far_LoA	-7,3030227	0,137	0,313
CHR9	3074880	CHR9:3074880	SSF x Far_LoA	-9,22455164	0,083	0,308
CHR9	3074886	CHR9:3074886	SSF x Far_LoA	-6,54083926	-0,137	0,296
CHR9	3078379	CHR9:3078379	SSF x Far_LoA	-8,57230489	-0,039	0,316
CHR9	3078381	CHR9:3078381	SSF x Far_LoA	-8,14152454	-0,066	0,299
CHR9	3078863	CHR9:3078863	SSF x Far_LoA	-8,61468133	0,194	0,290
CHR9	3078872	CHR9:3078872	SSF x Far_LoA	-8,6715568	0,084	0,316
CHR9	3078945	CHR9:3078945	SSF x Far_LoA	-11,5018823	0,041	0,304
CHR9	3084012	CHR9:3084012	SSF x Far_LoA	-9,8674707	-0,131	0,304
CHR9	3084086	CHR9:3084086	SSF x Far_LoA	-10,5741289	0,068	0,312
CHR9	3084127	CHR9:3084127	SSF x Far_LoA	-5,28626723	0,223	0,285
CHR9	3084128	CHR9:3084128	SSF x Far_LoA	-9,41269737	-0,007	0,324
CHR9	3084142	CHR9:3084142	SSF x Far_LoA	-11,1194256	-0,049	0,304
CHR9	3089256	CHR9:3089256	SSF x Far_LoA	-10,5197715	0,045	0,301
CHR9	3089358	CHR9:3089358	SSF x Far_LoA	-9,5811401	0,078	0,312
CHR9	3099555	CHR9:3099555	SSF x Far_LoA	-11,3853472	-0,053	0,298
CHR9	3106846	CHR9:3106846	SSF x Far_LoA	-7,99975835	-0,044	0,302
CHR9	3106861	CHR9:3106861	SSF x Far_LoA	-9,7002008	-0,016	0,321
CHR9	3112662	CHR9:3112662	SSF x Far_LoA	-8,970672	-0,048	0,307
CHR9	3112669	CHR9:3112669	SSF x Far_LoA	-8,65958577	-0,120	0,302
CHR9	3112670	CHR9:3112670	SSF x Far_LoA	1,89138893	0,196	0,271
CHR9	3112679	CHR9:3112679	SSF x Far_LoA	-6,1909542	0,137	0,290
CHR9	3112721	CHR9:3112721	SSF x Far_LoA	-9,02676779	-0,141	0,308
CHR9	3112729	CHR9:3112729	SSF x Far_LoA	-7,26046943	0,004	0,308
CHR9	3116650	CHR9:3116650	SSF x Far_LoA	-7,43329729	0,103	0,283
CHR9	3116656	CHR9:3116656	SSF x Far_LoA	-5,02246566	0,196	0,280
CHR9	3119336	CHR9:3119336	SSF x Far_LoA	-4,01800184	-0,119	0,292
CHR9	3124969	CHR9:3124969	SSF x Far_LoA	-9,10715569	0,044	0,304
CHR9	3124973	CHR9:3124973	SSF x Far_LoA	-8,43472671	-0,023	0,307
CHR9	3125006	CHR9:3125006	SSF x Far_LoA	-8,68055527	0,096	0,300
CHR9	3130724	CHR9:3130724	SSF x Far_LoA	-10,5359991	-0,047	0,314
CHR9	3130770	CHR9:3130770	SSF x Far_LoA	-11,936826	0,123	0,294
CHR9	3136789	CHR9:3136789	SSF x Far_LoA	-11,2460663	-0,011	0,315
CHR9	3136811	CHR9:3136811	SSF x Far_LoA	-8,08920835	0,072	0,317
CHR9	3136812	CHR9:3136812	SSF x Far_LoA	-7,43753253	0,123	0,298
CHR9	3136813	CHR9:3136813	SSF x Far_LoA	-7,00556043	0,102	0,304
CHR9	3136814	CHR9:3136814	SSF x Far_LoA	-6,58689497	0,094	0,305
CHR9	3139626	CHR9:3139626	SSF x Far_LoA	-7,49757952	-0,100	0,309

CHR9	3140249	CHR9:3140249	SSF x Far_LoA	-8,27630936	-0,061	0,315
CHR9	3150910	CHR9:3150910	SSF x Far_LoA	-7,02131441	-0,047	0,302
CHR9	3150965	CHR9:3150965	SSF x Far_LoA	-8,49043242	0,020	0,312
CHR9	3150966	CHR9:3150966	SSF x Far_LoA	-9,34603505	0,015	0,310
CHR9	3153158	CHR9:3153158	SSF x Far_LoA	-8,28836957	0,034	0,309
CHR9	3153253	CHR9:3153253	SSF x Far_LoA	-10,5590446	-0,072	0,297
CHR9	3153297	CHR9:3153297	SSF x Far_LoA	-10,5207456	-0,007	0,313
CHR9	3158480	CHR9:3158480	SSF x Far_LoA	-10,1859308	0,036	0,310
CHR9	3158481	CHR9:3158481	SSF x Far_LoA	-10,5154164	0,035	0,297
CHR9	317384	CHR9:317384	SSF x Far_LoA	-9,66200087	0,018	0,297
CHR9	317427	CHR9:317427	SSF x Far_LoA	-8,8024343	-0,130	0,300
CHR9	3195247	CHR9:3195247	SSF x Far_LoA	-9,32438712	0,070	0,295
CHR9	3200269	CHR9:3200269	SSF x Far_LoA	-8,88189405	-0,032	0,318
CHR9	3200293	CHR9:3200293	SSF x Far_LoA	-9,22041148	-0,026	0,315
CHR9	3200311	CHR9:3200311	SSF x Far_LoA	-10,6417429	0,104	0,307
CHR9	3200330	CHR9:3200330	SSF x Far_LoA	-10,7301016	0,056	0,310
CHR9	3200365	CHR9:3200365	SSF x Far_LoA	-7,69982343	0,120	0,318
CHR9	3200390	CHR9:3200390	SSF x Far_LoA	-10,3583097	-0,041	0,284
CHR9	3200421	CHR9:3200421	SSF x Far_LoA	0,6755788	0,199	0,291
CHR9	3200496	CHR9:3200496	SSF x Far_LoA	-11,2654109	0,005	0,298
CHR9	3203536	CHR9:3203536	SSF x Far_LoA	-9,05445755	0,107	0,311
CHR9	3203692	CHR9:3203692	SSF x Far_LoA	-9,78390169	-0,069	0,311
CHR9	3203693	CHR9:3203693	SSF x Far_LoA	-9,56566284	-0,068	0,315
CHR9	3204629	CHR9:3204629	SSF x Far_LoA	-11,0497527	-0,002	0,308
CHR9	3204636	CHR9:3204636	SSF x Far_LoA	-11,8072249	0,006	0,307
CHR9	3204638	CHR9:3204638	SSF x Far_LoA	-9,20709061	0,026	0,305
CHR9	3204675	CHR9:3204675	SSF x Far_LoA	-10,539266	-0,020	0,315
CHR9	3214933	CHR9:3214933	SSF x Far_LoA	-8,85431643	0,100	0,291
CHR9	3214986	CHR9:3214986	SSF x Far_LoA	-2,78570673	-0,220	0,286
CHR9	3215085	CHR9:3215085	SSF x Far_LoA	-5,79875661	-0,092	0,308
CHR9	3218703	CHR9:3218703	SSF x Far_LoA	-10,1777488	0,042	0,315
CHR9	3231425	CHR9:3231425	SSF x Far_LoA	-7,21721788	0,000	0,317
CHR9	3231438	CHR9:3231438	SSF x Far_LoA	-11,0782875	0,013	0,304
CHR9	3231449	CHR9:3231449	SSF x Far_LoA	-8,14768125	0,007	0,319
CHR9	3234588	CHR9:3234588	SSF x Far_LoA	-8,44408368	-0,028	0,310
CHR9	3234651	CHR9:3234651	SSF x Far_LoA	-9,0922745	0,019	0,308
CHR9	3236034	CHR9:3236034	SSF x Far_LoA	-8,76721376	0,020	0,298
CHR9	3236866	CHR9:3236866	SSF x Far_LoA	-9,31117628	-0,018	0,317
CHR9	3236883	CHR9:3236883	SSF x Far_LoA	-10,6338753	0,027	0,300
CHR9	3249849	CHR9:3249849	SSF x Far_LoA	-11,5087449	-0,011	0,301
CHR9	3265121	CHR9:3265121	SSF x Far_LoA	-11,4567042	-0,043	0,307
CHR9	3265181	CHR9:3265181	SSF x Far_LoA	-10,3590618	0,040	0,312
CHR9	3266278	CHR9:3266278	SSF x Far_LoA	-10,6659079	0,067	0,305
CHR9	3266299	CHR9:3266299	SSF x Far_LoA	-10,7306786	0,005	0,318
CHR9	3274407	CHR9:3274407	SSF x Far_LoA	-9,12454579	0,056	0,310
CHR9	328790	CHR9:328790	SSF x Far_LoA	-12,1053455	-0,031	0,317
CHR9	328896	CHR9:328896	SSF x Far_LoA	-10,8666266	0,081	0,309
CHR9	3291008	CHR9:3291008	SSF x Far_LoA	-8,81373721	0,118	0,311
CHR9	3305753	CHR9:3305753	SSF x Far_LoA	-8,44501219	-0,059	0,309
CHR9	3305852	CHR9:3305852	SSF x Far_LoA	-6,92527372	0,045	0,308
CHR9	3316937	CHR9:3316937	SSF x Far_LoA	-10,1421753	-0,073	0,318
CHR9	333143	CHR9:333143	SSF x Far_LoA	-9,76812144	0,018	0,294
CHR9	333144	CHR9:333144	SSF x Far_LoA	-6,88552871	0,134	0,305

CHR9	333171	CHR9:333171	SSF x Far_LoA	-9,94199186	0,091	0,302
CHR9	333196	CHR9:333196	SSF x Far_LoA	-10,6638898	0,079	0,300
CHR9	333248	CHR9:333248	SSF x Far_LoA	-6,96250936	0,164	0,289
CHR9	333344	CHR9:333344	SSF x Far_LoA	-9,87180897	0,089	0,302
CHR9	333349	CHR9:333349	SSF x Far_LoA	-9,52120745	0,099	0,308
CHR9	3334686	CHR9:3334686	SSF x Far_LoA	-7,11507346	-0,050	0,309
CHR9	3334795	CHR9:3334795	SSF x Far_LoA	-9,98505092	0,012	0,304
CHR9	3335908	CHR9:3335908	SSF x Far_LoA	-6,20575961	-0,099	0,318
CHR9	3336047	CHR9:3336047	SSF x Far_LoA	-9,55126465	0,052	0,311
CHR9	3358187	CHR9:3358187	SSF x Far_LoA	-9,34186403	-0,018	0,308
CHR9	3358618	CHR9:3358618	SSF x Far_LoA	-12,0280332	0,042	0,292
CHR9	3366441	CHR9:3366441	SSF x Far_LoA	-11,4584898	0,027	0,298
CHR9	3380707	CHR9:3380707	SSF x Far_LoA	-7,58595956	0,029	0,307
CHR9	3380721	CHR9:3380721	SSF x Far_LoA	2,07378248	-0,247	0,282
CHR9	3380740	CHR9:3380740	SSF x Far_LoA	-1,97060961	-0,270	0,269
CHR9	3380742	CHR9:3380742	SSF x Far_LoA	-0,66373317	-0,293	0,274
CHR9	3380760	CHR9:3380760	SSF x Far_LoA	-9,50854508	-0,058	0,288
CHR9	3380810	CHR9:3380810	SSF x Far_LoA	-3,84417551	0,183	0,293
CHR9	3380888	CHR9:3380888	SSF x Far_LoA	-6,53297731	-0,149	0,293
CHR9	3380925	CHR9:3380925	SSF x Far_LoA	-12,1656405	0,022	0,298
CHR9	3386078	CHR9:3386078	SSF x Far_LoA	-8,89888411	-0,027	0,310
CHR9	3386080	CHR9:3386080	SSF x Far_LoA	-8,38024185	-0,025	0,315
CHR9	3396740	CHR9:3396740	SSF x Far_LoA	-7,878254	0,071	0,303
CHR9	3396789	CHR9:3396789	SSF x Far_LoA	-10,6707293	0,097	0,305
CHR9	3406447	CHR9:3406447	SSF x Far_LoA	-5,94838714	0,106	0,306
CHR9	3408413	CHR9:3408413	SSF x Far_LoA	-10,6799702	0,011	0,315
CHR9	3408445	CHR9:3408445	SSF x Far_LoA	-10,2477145	-0,104	0,285
CHR9	3408494	CHR9:3408494	SSF x Far_LoA	-9,35379556	0,051	0,303
CHR9	3408514	CHR9:3408514	SSF x Far_LoA	-11,9717581	0,010	0,309
CHR9	3408646	CHR9:3408646	SSF x Far_LoA	-8,11444406	0,057	0,300
CHR9	3420457	CHR9:3420457	SSF x Far_LoA	-9,35020789	0,067	0,298
CHR9	342249	CHR9:342249	SSF x Far_LoA	-5,36671909	0,092	0,295
CHR9	342445	CHR9:342445	SSF x Far_LoA	-10,6069294	-0,010	0,308
CHR9	3428949	CHR9:3428949	SSF x Far_LoA	-6,75682019	0,118	0,297
CHR9	3428974	CHR9:3428974	SSF x Far_LoA	-11,0479088	0,035	0,294
CHR9	3428975	CHR9:3428975	SSF x Far_LoA	-8,91575608	0,080	0,315
CHR9	3429107	CHR9:3429107	SSF x Far_LoA	-10,0121525	0,019	0,299
CHR9	3446764	CHR9:3446764	SSF x Far_LoA	-8,58625079	0,084	0,305
CHR9	3446806	CHR9:3446806	SSF x Far_LoA	-9,16036883	-0,138	0,290
CHR9	3446815	CHR9:3446815	SSF x Far_LoA	-8,89528638	-0,034	0,308
CHR9	3446823	CHR9:3446823	SSF x Far_LoA	-9,65023261	-0,069	0,300
CHR9	3446848	CHR9:3446848	SSF x Far_LoA	-5,72641307	0,182	0,297
CHR9	3451017	CHR9:3451017	SSF x Far_LoA	-12,006001	0,002	0,295
CHR9	3451022	CHR9:3451022	SSF x Far_LoA	2,59463635	0,095	0,299
CHR9	3457894	CHR9:3457894	SSF x Far_LoA	-11,1331976	0,018	0,307
CHR9	3458019	CHR9:3458019	SSF x Far_LoA	-10,1375932	-0,034	0,319
CHR9	345843	CHR9:345843	SSF x Far_LoA	-10,4279619	-0,080	0,319
CHR9	345859	CHR9:345859	SSF x Far_LoA	-10,4636418	-0,083	0,319
CHR9	345868	CHR9:345868	SSF x Far_LoA	-11,163984	0,048	0,306
CHR9	3462520	CHR9:3462520	SSF x Far_LoA	-10,4854508	-0,135	0,315
CHR9	3466187	CHR9:3466187	SSF x Far_LoA	-8,31418802	-0,099	0,307
CHR9	3466446	CHR9:3466446	SSF x Far_LoA	-8,79193874	-0,047	0,316
CHR9	3469879	CHR9:3469879	SSF x Far_LoA	-9,20192699	-0,102	0,296

CHR9	3469958	CHR9:3469958	SSF x Far_LoA	-9,82074768	0,115	0,315
CHR9	3470025	CHR9:3470025	SSF x Far_LoA	-9,11670386	-0,088	0,314
CHR9	3470045	CHR9:3470045	SSF x Far_LoA	-9,18090854	-0,079	0,306
CHR9	3470124	CHR9:3470124	SSF x Far_LoA	-9,26964539	-0,079	0,305
CHR9	3479232	CHR9:3479232	SSF x Far_LoA	-8,50930902	0,136	0,287
CHR9	3479279	CHR9:3479279	SSF x Far_LoA	-9,909148	0,055	0,310
CHR9	3479437	CHR9:3479437	SSF x Far_LoA	-8,14016768	-0,115	0,308
CHR9	3479474	CHR9:3479474	SSF x Far_LoA	-10,3851154	-0,039	0,299
CHR9	3484986	CHR9:3484986	SSF x Far_LoA	-8,88796034	-0,051	0,318
CHR9	3491752	CHR9:3491752	SSF x Far_LoA	-8,76680594	0,082	0,314
CHR9	3491812	CHR9:3491812	SSF x Far_LoA	-8,5767547	0,110	0,288
CHR9	3492590	CHR9:3492590	SSF x Far_LoA	-8,45695069	-0,062	0,306
CHR9	3492617	CHR9:3492617	SSF x Far_LoA	-8,14541928	-0,065	0,311
CHR9	3501440	CHR9:3501440	SSF x Far_LoA	-8,65649239	0,049	0,325
CHR9	350553	CHR9:350553	SSF x Far_LoA	-8,43469904	-0,050	0,320
CHR9	350745	CHR9:350745	SSF x Far_LoA	-9,72260279	-0,105	0,319
CHR9	3519400	CHR9:3519400	SSF x Far_LoA	-7,77662178	0,030	0,299
CHR9	3519585	CHR9:3519585	SSF x Far_LoA	-9,8673629	0,072	0,315
CHR9	3519701	CHR9:3519701	SSF x Far_LoA	-8,38751483	-0,070	0,309
CHR9	3530193	CHR9:3530193	SSF x Far_LoA	-9,14142403	0,052	0,308
CHR9	3530306	CHR9:3530306	SSF x Far_LoA	-8,4528402	0,050	0,290
CHR9	3530316	CHR9:3530316	SSF x Far_LoA	-9,65278776	0,033	0,293
CHR9	353934	CHR9:353934	SSF x Far_LoA	-10,0590721	0,102	0,294
CHR9	354060	CHR9:354060	SSF x Far_LoA	-8,86323491	0,068	0,322
CHR9	354067	CHR9:354067	SSF x Far_LoA	-7,71055659	0,054	0,307
CHR9	354081	CHR9:354081	SSF x Far_LoA	-10,9530705	0,007	0,304
CHR9	3540994	CHR9:3540994	SSF x Far_LoA	-8,67028992	-0,156	0,301
CHR9	3549283	CHR9:3549283	SSF x Far_LoA	-0,36670452	0,231	0,284
CHR9	3549346	CHR9:3549346	SSF x Far_LoA	-9,5462621	-0,017	0,305
CHR9	3554567	CHR9:3554567	SSF x Far_LoA	-8,49927661	0,142	0,304
CHR9	3562578	CHR9:3562578	SSF x Far_LoA	-2,72527481	0,088	0,305
CHR9	3564441	CHR9:3564441	SSF x Far_LoA	-10,7423777	-0,007	0,315
CHR9	3564484	CHR9:3564484	SSF x Far_LoA	-7,70786065	0,001	0,302
CHR9	3564924	CHR9:3564924	SSF x Far_LoA	-9,48138664	0,153	0,301
CHR9	3569770	CHR9:3569770	SSF x Far_LoA	-11,2542945	-0,069	0,304
CHR9	3569854	CHR9:3569854	SSF x Far_LoA	-11,5446838	-0,004	0,301
CHR9	3588212	CHR9:3588212	SSF x Far_LoA	-6,83165817	0,187	0,293
CHR9	3588353	CHR9:3588353	SSF x Far_LoA	-11,129222	0,018	0,303
CHR9	3588361	CHR9:3588361	SSF x Far_LoA	-9,25197729	0,037	0,305
CHR9	3589583	CHR9:3589583	SSF x Far_LoA	-10,9072406	0,033	0,311
CHR9	3589796	CHR9:3589796	SSF x Far_LoA	-10,4436769	-0,096	0,299
CHR9	3591536	CHR9:3591536	SSF x Far_LoA	-7,06167766	0,178	0,310
CHR9	3591573	CHR9:3591573	SSF x Far_LoA	-8,73660439	0,091	0,299
CHR9	3591602	CHR9:3591602	SSF x Far_LoA	-10,1702241	0,099	0,303
CHR9	3594308	CHR9:3594308	SSF x Far_LoA	-11,6013469	-0,064	0,311
CHR9	3594310	CHR9:3594310	SSF x Far_LoA	-10,6196976	0,075	0,311
CHR9	3594314	CHR9:3594314	SSF x Far_LoA	-11,3824437	0,034	0,293
CHR9	3594316	CHR9:3594316	SSF x Far_LoA	-9,95936188	0,044	0,307
CHR9	3594360	CHR9:3594360	SSF x Far_LoA	-12,2871664	0,069	0,300
CHR9	3600497	CHR9:3600497	SSF x Far_LoA	-5,36938546	0,096	0,301
CHR9	3605062	CHR9:3605062	SSF x Far_LoA	-9,43005173	-0,036	0,307
CHR9	3605068	CHR9:3605068	SSF x Far_LoA	-10,3920607	-0,003	0,308
CHR9	3624432	CHR9:3624432	SSF x Far_LoA	-8,98484597	-0,027	0,304

CHR9	3624457	CHR9:3624457	SSF x Far_LoA	-8,25160748	-0,049	0,310
CHR9	3624467	CHR9:3624467	SSF x Far_LoA	-9,10266339	0,022	0,306
CHR9	3624519	CHR9:3624519	SSF x Far_LoA	-9,74511082	0,020	0,314
CHR9	3624560	CHR9:3624560	SSF x Far_LoA	-8,43131148	-0,104	0,314
CHR9	3624581	CHR9:3624581	SSF x Far_LoA	-9,09597626	-0,108	0,308
CHR9	3624642	CHR9:3624642	SSF x Far_LoA	-10,0878427	0,042	0,304
CHR9	3624682	CHR9:3624682	SSF x Far_LoA	-8,69791585	0,007	0,320
CHR9	3628655	CHR9:3628655	SSF x Far_LoA	-10,9579884	0,051	0,299
CHR9	3628657	CHR9:3628657	SSF x Far_LoA	-9,26849665	-0,006	0,317
CHR9	3634948	CHR9:3634948	SSF x Far_LoA	-8,43739481	0,011	0,307
CHR9	3636039	CHR9:3636039	SSF x Far_LoA	-11,7997493	0,081	0,290
CHR9	3637825	CHR9:3637825	SSF x Far_LoA	-10,0992531	0,061	0,317
CHR9	3647872	CHR9:3647872	SSF x Far_LoA	-9,55892628	-0,055	0,306
CHR9	3647886	CHR9:3647886	SSF x Far_LoA	-10,2837992	-0,015	0,304
CHR9	3647902	CHR9:3647902	SSF x Far_LoA	-11,4508188	0,097	0,290
CHR9	3651300	CHR9:3651300	SSF x Far_LoA	-10,6694647	-0,001	0,304
CHR9	3653048	CHR9:3653048	SSF x Far_LoA	-8,03469765	-0,109	0,304
CHR9	3653052	CHR9:3653052	SSF x Far_LoA	-8,69197512	-0,063	0,313
CHR9	3653059	CHR9:3653059	SSF x Far_LoA	-7,33350115	-0,080	0,305
CHR9	3657885	CHR9:3657885	SSF x Far_LoA	-9,6629815	0,068	0,299
CHR9	3657906	CHR9:3657906	SSF x Far_LoA	-10,623742	0,053	0,300
CHR9	3657912	CHR9:3657912	SSF x Far_LoA	-9,23206379	-0,031	0,300
CHR9	3657935	CHR9:3657935	SSF x Far_LoA	-8,91978878	0,044	0,288
CHR9	3657963	CHR9:3657963	SSF x Far_LoA	-5,85446637	0,055	0,298
CHR9	3657984	CHR9:3657984	SSF x Far_LoA	-10,2954158	0,084	0,305
CHR9	3681992	CHR9:3681992	SSF x Far_LoA	-9,76066788	0,043	0,303
CHR9	3682217	CHR9:3682217	SSF x Far_LoA	-9,32325421	-0,021	0,302
CHR9	3687723	CHR9:3687723	SSF x Far_LoA	-11,2289853	0,023	0,301
CHR9	3687738	CHR9:3687738	SSF x Far_LoA	-10,8160133	0,095	0,293
CHR9	3688029	CHR9:3688029	SSF x Far_LoA	-9,96811253	-0,067	0,309
CHR9	3688061	CHR9:3688061	SSF x Far_LoA	-8,98122473	-0,036	0,315
CHR9	3694360	CHR9:3694360	SSF x Far_LoA	-9,83609597	0,079	0,303
CHR9	3694390	CHR9:3694390	SSF x Far_LoA	-8,96606925	-0,015	0,309
CHR9	3694415	CHR9:3694415	SSF x Far_LoA	-11,2442806	-0,004	0,306
CHR9	3697875	CHR9:3697875	SSF x Far_LoA	-11,8029671	-0,021	0,294
CHR9	3712458	CHR9:3712458	SSF x Far_LoA	-8,84296859	-0,064	0,313
CHR9	3714468	CHR9:3714468	SSF x Far_LoA	-7,55446085	0,065	0,291
CHR9	3722549	CHR9:3722549	SSF x Far_LoA	-11,0615044	-0,034	0,306
CHR9	3722758	CHR9:3722758	SSF x Far_LoA	-8,52256927	-0,017	0,315
CHR9	3727680	CHR9:3727680	SSF x Far_LoA	-10,2097082	-0,083	0,301
CHR9	3727718	CHR9:3727718	SSF x Far_LoA	-8,41549087	0,139	0,297
CHR9	3736492	CHR9:3736492	SSF x Far_LoA	-8,80436381	-0,056	0,314
CHR9	3736559	CHR9:3736559	SSF x Far_LoA	-8,52679831	0,053	0,292
CHR9	3736560	CHR9:3736560	SSF x Far_LoA	-8,53910463	0,091	0,303
CHR9	3736616	CHR9:3736616	SSF x Far_LoA	-9,84764734	0,072	0,295
CHR9	3738548	CHR9:3738548	SSF x Far_LoA	9,10668702	-0,018	0,308
CHR9	3738578	CHR9:3738578	SSF x Far_LoA	-9,90743717	-0,083	0,300
CHR9	3738605	CHR9:3738605	SSF x Far_LoA	-10,6109139	0,088	0,306
CHR9	3738674	CHR9:3738674	SSF x Far_LoA	-9,71806685	-0,072	0,312
CHR9	3745347	CHR9:3745347	SSF x Far_LoA	-10,9923984	-0,025	0,301
CHR9	3749266	CHR9:3749266	SSF x Far_LoA	-8,39750377	-0,151	0,295
CHR9	3752740	CHR9:3752740	SSF x Far_LoA	-10,7908721	0,027	0,306
CHR9	3758203	CHR9:3758203	SSF x Far_LoA	-11,1245416	0,065	0,280

CHR9	3758205	CHR9:3758205	SSF x Far_LoA	-10,0479677	-0,058	0,307
CHR9	3758225	CHR9:3758225	SSF x Far_LoA	-9,63323516	0,025	0,305
CHR9	3758235	CHR9:3758235	SSF x Far_LoA	-10,5540218	-0,035	0,312
CHR9	3758336	CHR9:3758336	SSF x Far_LoA	-9,47459362	0,029	0,288
CHR9	3758409	CHR9:3758409	SSF x Far_LoA	-4,54818654	0,187	0,295
CHR9	3758414	CHR9:3758414	SSF x Far_LoA	-11,2407025	-0,072	0,298
CHR9	3769407	CHR9:3769407	SSF x Far_LoA	-2,86042207	0,200	0,282
CHR9	3769409	CHR9:3769409	SSF x Far_LoA	-8,48323726	0,165	0,288
CHR9	3769629	CHR9:3769629	SSF x Far_LoA	-9,89044295	0,058	0,295
CHR9	3769650	CHR9:3769650	SSF x Far_LoA	-9,75751938	0,074	0,315
CHR9	3769684	CHR9:3769684	SSF x Far_LoA	-8,93684157	0,090	0,300
CHR9	3769690	CHR9:3769690	SSF x Far_LoA	-9,86844671	0,061	0,306
CHR9	3782506	CHR9:3782506	SSF x Far_LoA	-8,55930254	0,039	0,300
CHR9	3782518	CHR9:3782518	SSF x Far_LoA	-3,26622829	0,125	0,298
CHR9	3782532	CHR9:3782532	SSF x Far_LoA	-7,7363906	-0,088	0,299
CHR9	3791415	CHR9:3791415	SSF x Far_LoA	-8,97105384	-0,136	0,305
CHR9	3791457	CHR9:3791457	SSF x Far_LoA	-7,91894179	0,128	0,295
CHR9	3794395	CHR9:3794395	SSF x Far_LoA	-10,0930503	0,081	0,306
CHR9	3812598	CHR9:3812598	SSF x Far_LoA	-9,64658364	-0,027	0,301
CHR9	3812608	CHR9:3812608	SSF x Far_LoA	-11,1833483	0,056	0,309
CHR9	3812610	CHR9:3812610	SSF x Far_LoA	-7,4345551	-0,114	0,306
CHR9	3812683	CHR9:3812683	SSF x Far_LoA	-10,7839364	0,086	0,303
CHR9	3812717	CHR9:3812717	SSF x Far_LoA	-9,96487017	-0,050	0,300
CHR9	3813300	CHR9:3813300	SSF x Far_LoA	-10,8063443	-0,008	0,298
CHR9	3813322	CHR9:3813322	SSF x Far_LoA	-12,7511274	0,029	0,287
CHR9	3813356	CHR9:3813356	SSF x Far_LoA	-7,07011802	-0,143	0,297
CHR9	3815090	CHR9:3815090	SSF x Far_LoA	-9,38735694	0,019	0,299
CHR9	3818732	CHR9:3818732	SSF x Far_LoA	-9,06490274	0,110	0,307
CHR9	3818800	CHR9:3818800	SSF x Far_LoA	-9,78673943	-0,107	0,315
CHR9	3818823	CHR9:3818823	SSF x Far_LoA	-11,3751003	0,021	0,293
CHR9	3818854	CHR9:3818854	SSF x Far_LoA	-9,95917722	0,050	0,292
CHR9	3819565	CHR9:3819565	SSF x Far_LoA	-11,8724777	0,052	0,299
CHR9	3819566	CHR9:3819566	SSF x Far_LoA	-11,9372882	0,056	0,304
CHR9	3819600	CHR9:3819600	SSF x Far_LoA	-8,71682446	-0,034	0,311
CHR9	3822468	CHR9:3822468	SSF x Far_LoA	-9,15024483	-0,039	0,285
CHR9	3827119	CHR9:3827119	SSF x Far_LoA	-10,2888962	0,016	0,306
CHR9	3831599	CHR9:3831599	SSF x Far_LoA	-9,47931189	0,063	0,298
CHR9	3831651	CHR9:3831651	SSF x Far_LoA	-10,2832628	-0,166	0,298
CHR9	3836127	CHR9:3836127	SSF x Far_LoA	-8,95303499	-0,121	0,299
CHR9	3836293	CHR9:3836293	SSF x Far_LoA	-8,4944676	-0,079	0,313
CHR9	3836330	CHR9:3836330	SSF x Far_LoA	-8,89803196	-0,131	0,330
CHR9	3839954	CHR9:3839954	SSF x Far_LoA	-10,6482829	0,077	0,306
CHR9	3839973	CHR9:3839973	SSF x Far_LoA	-7,73264927	-0,058	0,312
CHR9	3839977	CHR9:3839977	SSF x Far_LoA	-9,51161758	-0,098	0,295
CHR9	3839988	CHR9:3839988	SSF x Far_LoA	-3,0568454	-0,116	0,302
CHR9	3839990	CHR9:3839990	SSF x Far_LoA	-9,01656282	-0,047	0,287
CHR9	3840066	CHR9:3840066	SSF x Far_LoA	-10,8682612	-0,071	0,314
CHR9	3842834	CHR9:3842834	SSF x Far_LoA	-6,290416	0,038	0,298
CHR9	3842866	CHR9:3842866	SSF x Far_LoA	-8,53722981	0,138	0,314
CHR9	3851940	CHR9:3851940	SSF x Far_LoA	-4,6842657	0,114	0,314
CHR9	3851975	CHR9:3851975	SSF x Far_LoA	-10,1769824	0,013	0,301
CHR9	3851983	CHR9:3851983	SSF x Far_LoA	-7,57222125	-0,154	0,290
CHR9	3851993	CHR9:3851993	SSF x Far_LoA	-8,39585515	-0,128	0,300

CHR9	3852012	CHR9:3852012	SSF x Far_LoA	-9,53164202	-0,102	0,302
CHR9	3852036	CHR9:3852036	SSF x Far_LoA	-5,81709533	-0,133	0,303
CHR9	3852083	CHR9:3852083	SSF x Far_LoA	-9,78051093	0,008	0,309
CHR9	3855527	CHR9:3855527	SSF x Far_LoA	-11,1496433	0,028	0,305
CHR9	3855545	CHR9:3855545	SSF x Far_LoA	-9,04726156	-0,068	0,309
CHR9	3855563	CHR9:3855563	SSF x Far_LoA	-7,9162662	-0,077	0,319
CHR9	3855639	CHR9:3855639	SSF x Far_LoA	-8,58987517	0,152	0,294
CHR9	3855644	CHR9:3855644	SSF x Far_LoA	-7,36449837	-0,092	0,312
CHR9	385573	CHR9:385573	SSF x Far_LoA	-9,64797947	0,116	0,301
CHR9	385576	CHR9:385576	SSF x Far_LoA	-0,97789178	-0,024	0,313
CHR9	385595	CHR9:385595	SSF x Far_LoA	-7,52599643	0,013	0,307
CHR9	385616	CHR9:385616	SSF x Far_LoA	-8,76642822	0,154	0,290
CHR9	385698	CHR9:385698	SSF x Far_LoA	-9,18765472	-0,080	0,298
CHR9	385792	CHR9:385792	SSF x Far_LoA	-2,63332185	0,150	0,304
CHR9	3861210	CHR9:3861210	SSF x Far_LoA	-8,85331901	-0,067	0,312
CHR9	3867869	CHR9:3867869	SSF x Far_LoA	-7,25204497	0,158	0,324
CHR9	3869587	CHR9:3869587	SSF x Far_LoA	-8,99074036	-0,009	0,307
CHR9	3869588	CHR9:3869588	SSF x Far_LoA	-9,20587655	0,066	0,290
CHR9	3869603	CHR9:3869603	SSF x Far_LoA	-11,6520667	0,001	0,302
CHR9	3869636	CHR9:3869636	SSF x Far_LoA	-8,65495366	0,030	0,305
CHR9	3869637	CHR9:3869637	SSF x Far_LoA	-8,33366458	0,023	0,308
CHR9	3869698	CHR9:3869698	SSF x Far_LoA	-3,31733356	0,066	0,303
CHR9	3873176	CHR9:3873176	SSF x Far_LoA	-3,54406522	-0,005	0,296
CHR9	3873270	CHR9:3873270	SSF x Far_LoA	-10,5041794	-0,033	0,303
CHR9	3873275	CHR9:3873275	SSF x Far_LoA	-7,97160294	-0,123	0,295
CHR9	3873347	CHR9:3873347	SSF x Far_LoA	-8,68759971	-0,027	0,303
CHR9	3873348	CHR9:3873348	SSF x Far_LoA	-8,72643877	0,000	0,303
CHR9	3873367	CHR9:3873367	SSF x Far_LoA	-9,2392519	0,018	0,314
CHR9	3873372	CHR9:3873372	SSF x Far_LoA	-7,86357689	-0,023	0,307
CHR9	3889003	CHR9:3889003	SSF x Far_LoA	-8,32335933	0,145	0,306
CHR9	3889010	CHR9:3889010	SSF x Far_LoA	-5,85375601	0,206	0,288
CHR9	3889031	CHR9:3889031	SSF x Far_LoA	-10,0741443	-0,005	0,323
CHR9	3889110	CHR9:3889110	SSF x Far_LoA	-7,2086635	-0,205	0,288
CHR9	3889202	CHR9:3889202	SSF x Far_LoA	-7,82712842	0,066	0,314
CHR9	3893255	CHR9:3893255	SSF x Far_LoA	-8,84756837	0,012	0,298
CHR9	3893363	CHR9:3893363	SSF x Far_LoA	-9,45854352	-0,080	0,311
CHR9	3901915	CHR9:3901915	SSF x Far_LoA	-11,5844502	-0,018	0,297
CHR9	3902184	CHR9:3902184	SSF x Far_LoA	-9,02345984	-0,022	0,312
CHR9	3902220	CHR9:3902220	SSF x Far_LoA	-8,2873888	0,119	0,300
CHR9	3915597	CHR9:3915597	SSF x Far_LoA	-9,37670802	-0,005	0,283
CHR9	3915600	CHR9:3915600	SSF x Far_LoA	-10,077341	0,028	0,278
CHR9	3915626	CHR9:3915626	SSF x Far_LoA	-11,7659279	0,098	0,279
CHR9	3916335	CHR9:3916335	SSF x Far_LoA	-7,13725624	-0,137	0,312
CHR9	3916340	CHR9:3916340	SSF x Far_LoA	-9,09680073	0,039	0,299
CHR9	3918176	CHR9:3918176	SSF x Far_LoA	-10,8530091	-0,010	0,304
CHR9	3918189	CHR9:3918189	SSF x Far_LoA	-8,95350426	-0,004	0,315
CHR9	3918314	CHR9:3918314	SSF x Far_LoA	-10,5511445	-0,009	0,321
CHR9	3925419	CHR9:3925419	SSF x Far_LoA	-11,4513983	0,018	0,301
CHR9	3925434	CHR9:3925434	SSF x Far_LoA	-6,62579443	-0,073	0,313
CHR9	3928185	CHR9:3928185	SSF x Far_LoA	-6,82331173	0,150	0,290
CHR9	3928210	CHR9:3928210	SSF x Far_LoA	-11,1292197	-0,062	0,308
CHR9	3928212	CHR9:3928212	SSF x Far_LoA	-9,09926815	-0,081	0,292
CHR9	3928254	CHR9:3928254	SSF x Far_LoA	-12,7857937	-0,030	0,283

CHR9	3930898	CHR9:3930898	SSF x Far_LoA	-10,3494973	0,067	0,301
CHR9	3930971	CHR9:3930971	SSF x Far_LoA	0,34080201	-0,156	0,293
CHR9	3939547	CHR9:3939547	SSF x Far_LoA	-8,70885544	-0,116	0,306
CHR9	3947747	CHR9:3947747	SSF x Far_LoA	-9,78269881	0,061	0,305
CHR9	3954144	CHR9:3954144	SSF x Far_LoA	-6,70931233	0,031	0,308
CHR9	3954151	CHR9:3954151	SSF x Far_LoA	-8,61324281	0,003	0,285
CHR9	3954166	CHR9:3954166	SSF x Far_LoA	-10,5422739	0,026	0,312
CHR9	3954207	CHR9:3954207	SSF x Far_LoA	-9,66769319	0,047	0,315
CHR9	3958029	CHR9:3958029	SSF x Far_LoA	-10,2618496	-0,019	0,304
CHR9	3958154	CHR9:3958154	SSF x Far_LoA	-8,43295616	-0,007	0,310
CHR9	3958170	CHR9:3958170	SSF x Far_LoA	-8,23060564	-0,024	0,317
CHR9	3958239	CHR9:3958239	SSF x Far_LoA	-8,86015411	0,011	0,310
CHR9	3964550	CHR9:3964550	SSF x Far_LoA	-9,10217748	-0,102	0,311
CHR9	3964637	CHR9:3964637	SSF x Far_LoA	-9,09911004	-0,111	0,312
CHR9	3964712	CHR9:3964712	SSF x Far_LoA	-8,36383112	0,137	0,297
CHR9	3964802	CHR9:3964802	SSF x Far_LoA	-10,0770559	0,052	0,310
CHR9	3964835	CHR9:3964835	SSF x Far_LoA	-9,69479046	-0,057	0,303
CHR9	3968172	CHR9:3968172	SSF x Far_LoA	-4,63230065	-0,080	0,298
CHR9	3968222	CHR9:3968222	SSF x Far_LoA	-8,88378478	-0,016	0,296
CHR9	3968237	CHR9:3968237	SSF x Far_LoA	-9,40302795	-0,037	0,307
CHR9	3968257	CHR9:3968257	SSF x Far_LoA	-8,36689768	0,043	0,303
CHR9	3968345	CHR9:3968345	SSF x Far_LoA	-7,79360835	-0,082	0,306
CHR9	3968359	CHR9:3968359	SSF x Far_LoA	-9,26321089	-0,061	0,309
CHR9	3968363	CHR9:3968363	SSF x Far_LoA	-9,21963345	-0,062	0,313
CHR9	3968381	CHR9:3968381	SSF x Far_LoA	-3,69442951	0,179	0,316
CHR9	3968401	CHR9:3968401	SSF x Far_LoA	-5,88437669	0,230	0,288
CHR9	397016	CHR9:397016	SSF x Far_LoA	-10,3041843	-0,145	0,303
CHR9	397151	CHR9:397151	SSF x Far_LoA	-5,87534876	0,130	0,298
CHR9	3972774	CHR9:3972774	SSF x Far_LoA	-10,7270169	-0,059	0,298
CHR9	3972791	CHR9:3972791	SSF x Far_LoA	-8,07781525	-0,060	0,308
CHR9	3972861	CHR9:3972861	SSF x Far_LoA	-9,28181139	-0,076	0,315
CHR9	3972862	CHR9:3972862	SSF x Far_LoA	-6,82456447	-0,078	0,299
CHR9	3982673	CHR9:3982673	SSF x Far_LoA	-9,0930016	-0,038	0,314
CHR9	3982693	CHR9:3982693	SSF x Far_LoA	-8,53681731	-0,044	0,306
CHR9	3982699	CHR9:3982699	SSF x Far_LoA	-9,0753306	0,108	0,302
CHR9	3982701	CHR9:3982701	SSF x Far_LoA	-9,15812785	-0,046	0,299
CHR9	3982712	CHR9:3982712	SSF x Far_LoA	-9,4329324	-0,035	0,306
CHR9	3982716	CHR9:3982716	SSF x Far_LoA	-7,45857141	0,009	0,317
CHR9	3982727	CHR9:3982727	SSF x Far_LoA	-9,41548006	0,049	0,316
CHR9	3984854	CHR9:3984854	SSF x Far_LoA	-10,689126	-0,009	0,305
CHR9	3984855	CHR9:3984855	SSF x Far_LoA	-9,17736401	-0,037	0,303
CHR9	3987324	CHR9:3987324	SSF x Far_LoA	-10,1849249	0,062	0,299
CHR9	3991018	CHR9:3991018	SSF x Far_LoA	-11,4426783	-0,039	0,311
CHR9	3991102	CHR9:3991102	SSF x Far_LoA	-10,997821	0,036	0,305
CHR9	3999064	CHR9:3999064	SSF x Far_LoA	-9,08414075	-0,127	0,296
CHR9	3999065	CHR9:3999065	SSF x Far_LoA	-1,68019221	-0,182	0,281
CHR9	4003276	CHR9:4003276	SSF x Far_LoA	-10,7135348	-0,050	0,306
CHR9	4003306	CHR9:4003306	SSF x Far_LoA	-12,1824057	-0,040	0,305
CHR9	4003327	CHR9:4003327	SSF x Far_LoA	-10,4095576	-0,053	0,309
CHR9	4003526	CHR9:4003526	SSF x Far_LoA	-8,22469628	-0,041	0,314
CHR9	4017451	CHR9:4017451	SSF x Far_LoA	-10,0254529	0,006	0,306
CHR9	4017503	CHR9:4017503	SSF x Far_LoA	-8,67594589	-0,082	0,314
CHR9	4017569	CHR9:4017569	SSF x Far_LoA	-10,5077445	-0,061	0,318

CHR9	4017613	CHR9:4017613	SSF x Far_LoA	-9,44557436	-0,099	0,310
CHR9	4017725	CHR9:4017725	SSF x Far_LoA	-9,91514188	0,080	0,304
CHR9	4017731	CHR9:4017731	SSF x Far_LoA	-7,17721414	0,120	0,299
CHR9	4017804	CHR9:4017804	SSF x Far_LoA	-9,57714351	-0,022	0,307
CHR9	4022398	CHR9:4022398	SSF x Far_LoA	-8,11961996	-0,020	0,299
CHR9	4028566	CHR9:4028566	SSF x Far_LoA	-11,572606	0,037	0,306
CHR9	4028677	CHR9:4028677	SSF x Far_LoA	-10,9416507	0,009	0,315
CHR9	402871	CHR9:402871	SSF x Far_LoA	-8,19104499	-0,143	0,307
CHR9	403043	CHR9:403043	SSF x Far_LoA	-9,80075648	-0,091	0,298
CHR9	4046159	CHR9:4046159	SSF x Far_LoA	-9,0551779	-0,101	0,300
CHR9	4046201	CHR9:4046201	SSF x Far_LoA	-8,48947584	-0,094	0,312
CHR9	405026	CHR9:405026	SSF x Far_LoA	-3,41249153	0,206	0,294
CHR9	405044	CHR9:405044	SSF x Far_LoA	-8,44738727	-0,056	0,316
CHR9	4053474	CHR9:4053474	SSF x Far_LoA	-9,85179811	-0,090	0,307
CHR9	40616	CHR9:40616	SSF x Far_LoA	-5,95411501	-0,007	0,309
CHR9	4062424	CHR9:4062424	SSF x Far_LoA	-7,45378146	0,108	0,296
CHR9	4062425	CHR9:4062425	SSF x Far_LoA	-9,68268467	0,142	0,303
CHR9	4062434	CHR9:4062434	SSF x Far_LoA	-8,65573383	-0,044	0,323
CHR9	406266	CHR9:406266	SSF x Far_LoA	-6,98577063	-0,118	0,299
CHR9	406267	CHR9:406267	SSF x Far_LoA	-9,38870118	-0,120	0,297
CHR9	4069660	CHR9:4069660	SSF x Far_LoA	-8,71419462	-0,126	0,305
CHR9	4069661	CHR9:4069661	SSF x Far_LoA	-9,83425282	-0,039	0,308
CHR9	4069675	CHR9:4069675	SSF x Far_LoA	-10,4337927	0,066	0,311
CHR9	4069683	CHR9:4069683	SSF x Far_LoA	-8,66063281	0,024	0,309
CHR9	4069700	CHR9:4069700	SSF x Far_LoA	-9,36123993	0,043	0,309
CHR9	4069723	CHR9:4069723	SSF x Far_LoA	-9,22999227	0,003	0,312
CHR9	4073032	CHR9:4073032	SSF x Far_LoA	-8,8427407	0,183	0,285
CHR9	4076140	CHR9:4076140	SSF x Far_LoA	-9,82754047	-0,007	0,301
CHR9	4081523	CHR9:4081523	SSF x Far_LoA	-8,14391608	0,176	0,305
CHR9	4081550	CHR9:4081550	SSF x Far_LoA	-9,5096914	-0,041	0,309
CHR9	4081617	CHR9:4081617	SSF x Far_LoA	-10,4052325	0,002	0,303
CHR9	4081622	CHR9:4081622	SSF x Far_LoA	-9,3079187	0,107	0,303
CHR9	408186	CHR9:408186	SSF x Far_LoA	-9,82047361	-0,068	0,320
CHR9	408270	CHR9:408270	SSF x Far_LoA	-7,46319548	0,000	0,311
CHR9	40848	CHR9:40848	SSF x Far_LoA	-8,82437314	0,004	0,309
CHR9	4089428	CHR9:4089428	SSF x Far_LoA	-3,27581014	-0,037	0,294
CHR9	4089468	CHR9:4089468	SSF x Far_LoA	-9,09734332	-0,125	0,295
CHR9	4089474	CHR9:4089474	SSF x Far_LoA	-10,4912739	-0,082	0,310
CHR9	4089479	CHR9:4089479	SSF x Far_LoA	-6,75498376	-0,133	0,305
CHR9	409960	CHR9:409960	SSF x Far_LoA	-10,5754018	-0,054	0,305
CHR9	4108131	CHR9:4108131	SSF x Far_LoA	-10,5045194	0,085	0,305
CHR9	4108321	CHR9:4108321	SSF x Far_LoA	-10,6214679	-0,008	0,310
CHR9	4113123	CHR9:4113123	SSF x Far_LoA	-8,44912592	-0,081	0,301
CHR9	4113264	CHR9:4113264	SSF x Far_LoA	-12,3916889	0,089	0,305
CHR9	4113309	CHR9:4113309	SSF x Far_LoA	-6,55218631	-0,153	0,294
CHR9	4120220	CHR9:4120220	SSF x Far_LoA	-10,6420385	0,100	0,305
CHR9	4120224	CHR9:4120224	SSF x Far_LoA	-11,1008554	-0,076	0,308
CHR9	4120248	CHR9:4120248	SSF x Far_LoA	-10,2297329	-0,053	0,306
CHR9	4120268	CHR9:4120268	SSF x Far_LoA	-10,6352997	-0,015	0,327
CHR9	4120281	CHR9:4120281	SSF x Far_LoA	-6,66391129	0,016	0,320
CHR9	4129865	CHR9:4129865	SSF x Far_LoA	-8,92810403	0,102	0,299
CHR9	4129867	CHR9:4129867	SSF x Far_LoA	-10,5382634	0,011	0,303
CHR9	4130420	CHR9:4130420	SSF x Far_LoA	-10,4019333	-0,083	0,306

CHR9	4130471	CHR9:4130471	SSF x Far_LoA	-10,457923	0,009	0,314
CHR9	4130485	CHR9:4130485	SSF x Far_LoA	-10,5558491	0,045	0,310
CHR9	4130486	CHR9:4130486	SSF x Far_LoA	-9,93988043	0,030	0,309
CHR9	4130497	CHR9:4130497	SSF x Far_LoA	-11,4028362	-0,027	0,304
CHR9	413053	CHR9:413053	SSF x Far_LoA	-10,0756702	0,002	0,317
CHR9	4130536	CHR9:4130536	SSF x Far_LoA	-8,86184726	0,025	0,307
CHR9	413171	CHR9:413171	SSF x Far_LoA	-11,448395	0,043	0,317
CHR9	4155314	CHR9:4155314	SSF x Far_LoA	-11,4775516	0,081	0,307
CHR9	4155323	CHR9:4155323	SSF x Far_LoA	-11,2634418	0,091	0,303
CHR9	4155391	CHR9:4155391	SSF x Far_LoA	-11,1234395	0,049	0,317
CHR9	4156354	CHR9:4156354	SSF x Far_LoA	13,5293386	-0,172	0,293
CHR9	4156545	CHR9:4156545	SSF x Far_LoA	-9,77548096	0,049	0,312
CHR9	4162369	CHR9:4162369	SSF x Far_LoA	-5,13975807	0,162	0,273
CHR9	417214	CHR9:417214	SSF x Far_LoA	-7,23680216	0,000	0,314
CHR9	4182226	CHR9:4182226	SSF x Far_LoA	-8,83446725	-0,069	0,294
CHR9	4183477	CHR9:4183477	SSF x Far_LoA	-10,1554821	0,069	0,302
CHR9	4183478	CHR9:4183478	SSF x Far_LoA	-8,32211201	-0,111	0,312
CHR9	4183481	CHR9:4183481	SSF x Far_LoA	-9,63677201	-0,028	0,317
CHR9	4189554	CHR9:4189554	SSF x Far_LoA	-10,2109471	-0,076	0,312
CHR9	4189564	CHR9:4189564	SSF x Far_LoA	-10,8477319	-0,008	0,311
CHR9	4189869	CHR9:4189869	SSF x Far_LoA	-11,4486929	-0,017	0,314
CHR9	4195853	CHR9:4195853	SSF x Far_LoA	-11,2507625	-0,068	0,305
CHR9	4200463	CHR9:4200463	SSF x Far_LoA	-11,3307646	0,063	0,316
CHR9	4203268	CHR9:4203268	SSF x Far_LoA	-11,443977	0,041	0,299
CHR9	420568	CHR9:420568	SSF x Far_LoA	-10,0808908	-0,029	0,305
CHR9	420577	CHR9:420577	SSF x Far_LoA	-10,6088403	0,029	0,316
CHR9	420596	CHR9:420596	SSF x Far_LoA	-11,1737972	-0,011	0,310
CHR9	420734	CHR9:420734	SSF x Far_LoA	-9,07433648	-0,083	0,303
CHR9	4207534	CHR9:4207534	SSF x Far_LoA	-7,01488213	-0,061	0,292
CHR9	4207565	CHR9:4207565	SSF x Far_LoA	-10,3378748	-0,044	0,301
CHR9	4224148	CHR9:4224148	SSF x Far_LoA	-9,1146111	-0,072	0,318
CHR9	424040	CHR9:424040	SSF x Far_LoA	-5,49931712	0,036	0,314
CHR9	424119	CHR9:424119	SSF x Far_LoA	1,50633241	0,099	0,306
CHR9	4247359	CHR9:4247359	SSF x Far_LoA	-8,57607346	-0,004	0,311
CHR9	4247499	CHR9:4247499	SSF x Far_LoA	-11,144344	0,068	0,310
CHR9	4247570	CHR9:4247570	SSF x Far_LoA	-9,92350326	-0,118	0,294
CHR9	4254261	CHR9:4254261	SSF x Far_LoA	-9,71401937	-0,079	0,313
CHR9	4254299	CHR9:4254299	SSF x Far_LoA	-9,42785945	0,013	0,298
CHR9	4254301	CHR9:4254301	SSF x Far_LoA	-9,59824029	0,017	0,302
CHR9	4254317	CHR9:4254317	SSF x Far_LoA	-11,6463084	-0,020	0,319
CHR9	4254338	CHR9:4254338	SSF x Far_LoA	-9,66658702	-0,024	0,305
CHR9	4255507	CHR9:4255507	SSF x Far_LoA	-9,9747414	0,030	0,302
CHR9	4255566	CHR9:4255566	SSF x Far_LoA	-10,6397037	-0,010	0,306
CHR9	4255593	CHR9:4255593	SSF x Far_LoA	-6,00795388	-0,087	0,300
CHR9	4256752	CHR9:4256752	SSF x Far_LoA	-8,41667543	0,078	0,306
CHR9	4256911	CHR9:4256911	SSF x Far_LoA	-11,8740628	0,004	0,322
CHR9	4259905	CHR9:4259905	SSF x Far_LoA	0,1601417	-0,221	0,303
CHR9	4260118	CHR9:4260118	SSF x Far_LoA	-7,31526535	0,129	0,303
CHR9	4267373	CHR9:4267373	SSF x Far_LoA	-10,7479366	-0,042	0,321
CHR9	4267459	CHR9:4267459	SSF x Far_LoA	-3,62194615	-0,078	0,302
CHR9	4267464	CHR9:4267464	SSF x Far_LoA	-10,5637849	-0,038	0,312
CHR9	4267469	CHR9:4267469	SSF x Far_LoA	-9,89483594	-0,059	0,311
CHR9	4267477	CHR9:4267477	SSF x Far_LoA	-11,3997708	0,042	0,304

CHR9	4268960	CHR9:4268960	SSF x Far_LoA	-9,50796268	-0,052	0,306
CHR9	4273505	CHR9:4273505	SSF x Far_LoA	-8,64929377	-0,035	0,314
CHR9	4275405	CHR9:4275405	SSF x Far_LoA	-9,49434869	-0,065	0,309
CHR9	4276902	CHR9:4276902	SSF x Far_LoA	-7,75552997	-0,057	0,315
CHR9	4277582	CHR9:4277582	SSF x Far_LoA	-11,3246627	0,093	0,313
CHR9	4277609	CHR9:4277609	SSF x Far_LoA	-8,48678974	0,070	0,298
CHR9	4277636	CHR9:4277636	SSF x Far_LoA	-11,4762972	0,106	0,297
CHR9	4280038	CHR9:4280038	SSF x Far_LoA	-11,8215586	-0,009	0,309
CHR9	4289055	CHR9:4289055	SSF x Far_LoA	-6,16221775	0,081	0,298
CHR9	4290540	CHR9:4290540	SSF x Far_LoA	-11,4502297	0,039	0,302
CHR9	4290612	CHR9:4290612	SSF x Far_LoA	-9,58678926	0,032	0,293
CHR9	4290652	CHR9:4290652	SSF x Far_LoA	-9,22530968	-0,013	0,309
CHR9	4291560	CHR9:4291560	SSF x Far_LoA	-8,09900858	-0,070	0,304
CHR9	4291607	CHR9:4291607	SSF x Far_LoA	-10,5229664	0,002	0,317
CHR9	4296575	CHR9:4296575	SSF x Far_LoA	-9,09067454	0,007	0,307
CHR9	4298604	CHR9:4298604	SSF x Far_LoA	-9,51563863	-0,089	0,310
CHR9	4300813	CHR9:4300813	SSF x Far_LoA	-8,89689796	0,011	0,317
CHR9	4300890	CHR9:4300890	SSF x Far_LoA	-9,63181098	0,077	0,300
CHR9	4300935	CHR9:4300935	SSF x Far_LoA	-8,76540877	0,002	0,312
CHR9	4301827	CHR9:4301827	SSF x Far_LoA	-12,0614817	0,005	0,294
CHR9	4303576	CHR9:4303576	SSF x Far_LoA	-6,70788175	0,081	0,312
CHR9	4306752	CHR9:4306752	SSF x Far_LoA	-7,91556085	-0,125	0,290
CHR9	4309115	CHR9:4309115	SSF x Far_LoA	-10,4738697	-0,045	0,314
CHR9	4309210	CHR9:4309210	SSF x Far_LoA	-3,49936267	-0,145	0,310
CHR9	4309281	CHR9:4309281	SSF x Far_LoA	-6,93548453	0,020	0,302
CHR9	4309298	CHR9:4309298	SSF x Far_LoA	-8,07461752	-0,074	0,302
CHR9	4312004	CHR9:4312004	SSF x Far_LoA	-8,15635074	-0,089	0,306
CHR9	4312527	CHR9:4312527	SSF x Far_LoA	-8,24638797	-0,054	0,313
CHR9	4312533	CHR9:4312533	SSF x Far_LoA	-8,84160084	-0,033	0,317
CHR9	4312539	CHR9:4312539	SSF x Far_LoA	-4,81455227	0,205	0,305
CHR9	4312634	CHR9:4312634	SSF x Far_LoA	-9,82770702	-0,113	0,299
CHR9	4315946	CHR9:4315946	SSF x Far_LoA	-8,40220976	0,023	0,304
CHR9	4319663	CHR9:4319663	SSF x Far_LoA	-9,04296058	0,046	0,298
CHR9	4322052	CHR9:4322052	SSF x Far_LoA	-7,99614336	-0,091	0,296
CHR9	4323086	CHR9:4323086	SSF x Far_LoA	-9,37803868	-0,109	0,293
CHR9	4328669	CHR9:4328669	SSF x Far_LoA	-9,96032191	0,031	0,307
CHR9	4328670	CHR9:4328670	SSF x Far_LoA	-10,2046744	0,011	0,304
CHR9	4328671	CHR9:4328671	SSF x Far_LoA	-6,87003254	-0,150	0,311
CHR9	4328672	CHR9:4328672	SSF x Far_LoA	-9,46073367	0,026	0,317
CHR9	4328674	CHR9:4328674	SSF x Far_LoA	-9,33375877	0,029	0,329
CHR9	4328716	CHR9:4328716	SSF x Far_LoA	-9,74179422	-0,014	0,306
CHR9	4328815	CHR9:4328815	SSF x Far_LoA	-9,22187157	-0,013	0,313
CHR9	4328821	CHR9:4328821	SSF x Far_LoA	-8,93875846	-0,014	0,303
CHR9	4329580	CHR9:4329580	SSF x Far_LoA	-8,15873878	0,213	0,281
CHR9	4329780	CHR9:4329780	SSF x Far_LoA	-11,7225326	0,049	0,312
CHR9	4330385	CHR9:4330385	SSF x Far_LoA	-10,7174091	0,091	0,290
CHR9	4334189	CHR9:4334189	SSF x Far_LoA	-10,0067838	0,029	0,302
CHR9	4334265	CHR9:4334265	SSF x Far_LoA	-11,7668953	-0,038	0,303
CHR9	4334277	CHR9:4334277	SSF x Far_LoA	-9,67428913	0,057	0,300
CHR9	4334282	CHR9:4334282	SSF x Far_LoA	-11,4207754	0,002	0,305
CHR9	4335706	CHR9:4335706	SSF x Far_LoA	-11,2099178	0,072	0,305
CHR9	4335793	CHR9:4335793	SSF x Far_LoA	-10,5558765	0,124	0,308
CHR9	4336753	CHR9:4336753	SSF x Far_LoA	-8,97420437	0,035	0,307

CHR9	4337940	CHR9:4337940	SSF x Far_LoA	-10,1663479	0,000	0,301
CHR9	4337961	CHR9:4337961	SSF x Far_LoA	-11,2240404	-0,009	0,288
CHR9	4338071	CHR9:4338071	SSF x Far_LoA	-7,05615614	-0,046	0,302
CHR9	4338073	CHR9:4338073	SSF x Far_LoA	-6,65039425	-0,087	0,312
CHR9	4338094	CHR9:4338094	SSF x Far_LoA	0,1569158	-0,090	0,306
CHR9	4338098	CHR9:4338098	SSF x Far_LoA	-9,31617583	-0,084	0,297
CHR9	4338103	CHR9:4338103	SSF x Far_LoA	-9,52306405	-0,049	0,300
CHR9	4339465	CHR9:4339465	SSF x Far_LoA	-6,65136883	-0,148	0,296
CHR9	4340125	CHR9:4340125	SSF x Far_LoA	-9,42941042	-0,085	0,319
CHR9	4342493	CHR9:4342493	SSF x Far_LoA	-8,87893535	0,066	0,303
CHR9	4344154	CHR9:4344154	SSF x Far_LoA	-9,40165289	-0,062	0,309
CHR9	4346943	CHR9:4346943	SSF x Far_LoA	-6,60756533	-0,121	0,306
CHR9	4347019	CHR9:4347019	SSF x Far_LoA	-6,74427185	-0,058	0,310
CHR9	4347141	CHR9:4347141	SSF x Far_LoA	-9,01666332	-0,069	0,298
CHR9	4351803	CHR9:4351803	SSF x Far_LoA	-7,77988472	-0,069	0,318
CHR9	4351978	CHR9:4351978	SSF x Far_LoA	-10,6388507	0,074	0,302
CHR9	4360054	CHR9:4360054	SSF x Far_LoA	-10,0115347	0,024	0,309
CHR9	4360055	CHR9:4360055	SSF x Far_LoA	-9,07043146	0,021	0,310
CHR9	4360133	CHR9:4360133	SSF x Far_LoA	-9,02652937	0,063	0,310
CHR9	4362056	CHR9:4362056	SSF x Far_LoA	-8,32541202	0,137	0,304
CHR9	4362265	CHR9:4362265	SSF x Far_LoA	-8,34187681	-0,046	0,304
CHR9	4367119	CHR9:4367119	SSF x Far_LoA	-11,0965797	-0,029	0,305
CHR9	4367354	CHR9:4367354	SSF x Far_LoA	-8,79733989	-0,028	0,311
CHR9	4367371	CHR9:4367371	SSF x Far_LoA	-8,3977736	0,010	0,310
CHR9	4370859	CHR9:4370859	SSF x Far_LoA	-10,671817	-0,069	0,313
CHR9	4399915	CHR9:4399915	SSF x Far_LoA	-9,70073644	-0,069	0,293
CHR9	4406532	CHR9:4406532	SSF x Far_LoA	-9,39438245	-0,066	0,289
CHR9	4416187	CHR9:4416187	SSF x Far_LoA	-9,85709066	0,057	0,305
CHR9	4416343	CHR9:4416343	SSF x Far_LoA	-6,40739904	0,108	0,306
CHR9	4425166	CHR9:4425166	SSF x Far_LoA	-11,1755623	-0,089	0,302
CHR9	4425183	CHR9:4425183	SSF x Far_LoA	-6,69699421	-0,129	0,292
CHR9	4425192	CHR9:4425192	SSF x Far_LoA	-9,29223143	-0,127	0,304
CHR9	4425242	CHR9:4425242	SSF x Far_LoA	-9,2689866	-0,002	0,308
CHR9	4425286	CHR9:4425286	SSF x Far_LoA	-9,46479635	0,039	0,297
CHR9	4426677	CHR9:4426677	SSF x Far_LoA	-11,0700707	0,018	0,294
CHR9	4426683	CHR9:4426683	SSF x Far_LoA	-8,76952497	0,051	0,312
CHR9	4435777	CHR9:4435777	SSF x Far_LoA	-4,49687582	0,191	0,301
CHR9	4435798	CHR9:4435798	SSF x Far_LoA	-11,536735	-0,122	0,290
CHR9	4435837	CHR9:4435837	SSF x Far_LoA	-10,9378367	-0,018	0,304
CHR9	4435845	CHR9:4435845	SSF x Far_LoA	-10,791526	-0,026	0,309
CHR9	4435884	CHR9:4435884	SSF x Far_LoA	-8,31768343	-0,031	0,326
CHR9	4435886	CHR9:4435886	SSF x Far_LoA	-8,91464692	-0,074	0,315
CHR9	4435901	CHR9:4435901	SSF x Far_LoA	-8,50169704	0,031	0,306
CHR9	4435912	CHR9:4435912	SSF x Far_LoA	-10,2333698	-0,019	0,307
CHR9	4436971	CHR9:4436971	SSF x Far_LoA	-6,81579438	-0,036	0,318
CHR9	4443645	CHR9:4443645	SSF x Far_LoA	-6,49478108	0,194	0,291
CHR9	4444913	CHR9:4444913	SSF x Far_LoA	-8,09014662	-0,173	0,302
CHR9	4444964	CHR9:4444964	SSF x Far_LoA	-10,3980411	0,083	0,296
CHR9	4445017	CHR9:4445017	SSF x Far_LoA	-9,65511613	0,054	0,312
CHR9	4445045	CHR9:4445045	SSF x Far_LoA	-9,28091795	-0,019	0,315
CHR9	4446776	CHR9:4446776	SSF x Far_LoA	-11,5428668	0,023	0,310
CHR9	4446778	CHR9:4446778	SSF x Far_LoA	-9,00199852	-0,069	0,306
CHR9	4446839	CHR9:4446839	SSF x Far_LoA	-9,51840205	-0,015	0,306

CHR9	4461002	CHR9:4461002	SSF x Far_LoA	-8,25412426	0,113	0,304
CHR9	4461035	CHR9:4461035	SSF x Far_LoA	-9,96688973	0,140	0,294
CHR9	4461065	CHR9:4461065	SSF x Far_LoA	-8,43047874	0,076	0,306
CHR9	4461091	CHR9:4461091	SSF x Far_LoA	-9,11033537	-0,136	0,302
CHR9	4475038	CHR9:4475038	SSF x Far_LoA	-9,60627694	-0,030	0,306
CHR9	4478188	CHR9:4478188	SSF x Far_LoA	-9,12184386	0,031	0,302
CHR9	4478195	CHR9:4478195	SSF x Far_LoA	-6,71956868	0,016	0,304
CHR9	4478225	CHR9:4478225	SSF x Far_LoA	-9,88012	-0,068	0,295
CHR9	4478234	CHR9:4478234	SSF x Far_LoA	-8,18345861	0,075	0,318
CHR9	4478295	CHR9:4478295	SSF x Far_LoA	-6,15798637	-0,176	0,293
CHR9	448205	CHR9:448205	SSF x Far_LoA	-10,7680372	0,082	0,307
CHR9	4485309	CHR9:4485309	SSF x Far_LoA	-8,91011531	0,134	0,291
CHR9	4485443	CHR9:4485443	SSF x Far_LoA	-10,2013821	0,028	0,310
CHR9	4485483	CHR9:4485483	SSF x Far_LoA	-10,4589951	-0,011	0,299
CHR9	4491372	CHR9:4491372	SSF x Far_LoA	-8,06524564	-0,121	0,309
CHR9	4491424	CHR9:4491424	SSF x Far_LoA	-9,88013832	-0,012	0,314
CHR9	4491454	CHR9:4491454	SSF x Far_LoA	-11,7988969	-0,008	0,305
CHR9	4504340	CHR9:4504340	SSF x Far_LoA	-9,81524839	0,048	0,311
CHR9	4504490	CHR9:4504490	SSF x Far_LoA	-8,81091216	0,021	0,306
CHR9	4504517	CHR9:4504517	SSF x Far_LoA	-10,5388081	-0,013	0,308
CHR9	451432	CHR9:451432	SSF x Far_LoA	-10,8362556	-0,129	0,312
CHR9	4536654	CHR9:4536654	SSF x Far_LoA	-2,5634621	-0,126	0,291
CHR9	4536676	CHR9:4536676	SSF x Far_LoA	-6,27917732	0,042	0,299
CHR9	4536685	CHR9:4536685	SSF x Far_LoA	-10,4854924	0,017	0,308
CHR9	4536689	CHR9:4536689	SSF x Far_LoA	-11,1032719	0,107	0,308
CHR9	4536909	CHR9:4536909	SSF x Far_LoA	-10,7645674	-0,043	0,319
CHR9	4557918	CHR9:4557918	SSF x Far_LoA	-11,5372231	0,032	0,321
CHR9	4581873	CHR9:4581873	SSF x Far_LoA	-10,020877	-0,104	0,302
CHR9	4581930	CHR9:4581930	SSF x Far_LoA	-8,1524604	-0,098	0,300
CHR9	4587632	CHR9:4587632	SSF x Far_LoA	-9,52862039	-0,034	0,312
CHR9	4587702	CHR9:4587702	SSF x Far_LoA	-8,0699198	0,013	0,309
CHR9	4587775	CHR9:4587775	SSF x Far_LoA	-7,81950528	0,021	0,306
CHR9	4587796	CHR9:4587796	SSF x Far_LoA	-8,33182171	-0,024	0,308
CHR9	459303	CHR9:459303	SSF x Far_LoA	-7,17642231	0,065	0,309
CHR9	459482	CHR9:459482	SSF x Far_LoA	-9,59356954	-0,102	0,306
CHR9	4598106	CHR9:4598106	SSF x Far_LoA	-9,00493745	-0,141	0,298
CHR9	4598136	CHR9:4598136	SSF x Far_LoA	-11,2245401	0,021	0,305
CHR9	4598189	CHR9:4598189	SSF x Far_LoA	-9,91969146	0,076	0,303
CHR9	4598300	CHR9:4598300	SSF x Far_LoA	-9,36497491	0,046	0,290
CHR9	4598352	CHR9:4598352	SSF x Far_LoA	-11,863552	0,048	0,305
CHR9	4605478	CHR9:4605478	SSF x Far_LoA	-7,38330961	-0,011	0,301
CHR9	4607225	CHR9:4607225	SSF x Far_LoA	-9,96692815	0,010	0,305
CHR9	4607326	CHR9:4607326	SSF x Far_LoA	-10,526673	0,033	0,309
CHR9	460878	CHR9:460878	SSF x Far_LoA	-8,63784888	-0,013	0,318
CHR9	4610551	CHR9:4610551	SSF x Far_LoA	-10,3109875	0,090	0,302
CHR9	4612963	CHR9:4612963	SSF x Far_LoA	-10,0563978	0,015	0,299
CHR9	4612995	CHR9:4612995	SSF x Far_LoA	-7,69900766	0,082	0,303
CHR9	4613117	CHR9:4613117	SSF x Far_LoA	-11,2092826	-0,034	0,306
CHR9	4613126	CHR9:4613126	SSF x Far_LoA	-9,56700808	-0,022	0,300
CHR9	4613257	CHR9:4613257	SSF x Far_LoA	-11,0681984	-0,008	0,299
CHR9	4613275	CHR9:4613275	SSF x Far_LoA	-10,9657746	-0,036	0,300
CHR9	4619866	CHR9:4619866	SSF x Far_LoA	-8,91340895	0,039	0,308
CHR9	4619956	CHR9:4619956	SSF x Far_LoA	-7,1934014	-0,023	0,308

CHR9	4620086	CHR9:4620086	SSF x Far_LoA	-8,74647572	-0,075	0,303
CHR9	4621740	CHR9:4621740	SSF x Far_LoA	-10,594363	-0,067	0,297
CHR9	4621778	CHR9:4621778	SSF x Far_LoA	-9,4678184	-0,023	0,306
CHR9	4621852	CHR9:4621852	SSF x Far_LoA	-11,0728927	0,020	0,306
CHR9	4621964	CHR9:4621964	SSF x Far_LoA	-7,63902426	0,063	0,322
CHR9	4624931	CHR9:4624931	SSF x Far_LoA	-10,1127351	0,069	0,303
CHR9	4624991	CHR9:4624991	SSF x Far_LoA	-10,5737388	-0,050	0,314
CHR9	4625757	CHR9:4625757	SSF x Far_LoA	-10,5762329	0,012	0,299
CHR9	4627681	CHR9:4627681	SSF x Far_LoA	-10,5511585	0,021	0,310
CHR9	4638821	CHR9:4638821	SSF x Far_LoA	-10,9112209	0,038	0,315
CHR9	4641192	CHR9:4641192	SSF x Far_LoA	-7,48973326	-0,032	0,317
CHR9	4651686	CHR9:4651686	SSF x Far_LoA	-9,47845037	0,125	0,297
CHR9	4651728	CHR9:4651728	SSF x Far_LoA	-10,6077188	0,011	0,289
CHR9	4651740	CHR9:4651740	SSF x Far_LoA	-10,7440703	0,037	0,304
CHR9	4655686	CHR9:4655686	SSF x Far_LoA	-10,2563529	-0,010	0,313
CHR9	4655687	CHR9:4655687	SSF x Far_LoA	-9,84830954	-0,023	0,311
CHR9	4655828	CHR9:4655828	SSF x Far_LoA	-7,30531162	-0,069	0,317
CHR9	4659380	CHR9:4659380	SSF x Far_LoA	-8,93375356	-0,082	0,308
CHR9	4659426	CHR9:4659426	SSF x Far_LoA	-10,9848458	0,024	0,311
CHR9	4665102	CHR9:4665102	SSF x Far_LoA	-9,77286119	-0,019	0,297
CHR9	4666062	CHR9:4666062	SSF x Far_LoA	-11,1937662	0,062	0,304
CHR9	467607	CHR9:467607	SSF x Far_LoA	-7,59587675	-0,088	0,303
CHR9	467768	CHR9:467768	SSF x Far_LoA	-9,06280594	-0,126	0,310
CHR9	4681087	CHR9:4681087	SSF x Far_LoA	-8,03403337	-0,067	0,311
CHR9	4681090	CHR9:4681090	SSF x Far_LoA	-8,78418198	-0,056	0,304
CHR9	4681093	CHR9:4681093	SSF x Far_LoA	-11,9655963	0,020	0,300
CHR9	4681107	CHR9:4681107	SSF x Far_LoA	-9,67962035	0,030	0,315
CHR9	4681133	CHR9:4681133	SSF x Far_LoA	-10,1159617	-0,055	0,309
CHR9	4686598	CHR9:4686598	SSF x Far_LoA	-8,10594384	0,083	0,306
CHR9	4686686	CHR9:4686686	SSF x Far_LoA	-10,0738334	0,051	0,305
CHR9	4686718	CHR9:4686718	SSF x Far_LoA	-11,4997295	0,027	0,303
CHR9	4687876	CHR9:4687876	SSF x Far_LoA	-10,662576	0,094	0,299
CHR9	4702861	CHR9:4702861	SSF x Far_LoA	-8,80158286	-0,040	0,295
CHR9	4703274	CHR9:4703274	SSF x Far_LoA	-8,83480908	-0,004	0,309
CHR9	4704604	CHR9:4704604	SSF x Far_LoA	-7,79974832	-0,040	0,310
CHR9	4704888	CHR9:4704888	SSF x Far_LoA	-4,80477873	-0,112	0,316
CHR9	4708443	CHR9:4708443	SSF x Far_LoA	-9,23547524	-0,120	0,305
CHR9	4708446	CHR9:4708446	SSF x Far_LoA	-4,18486624	-0,134	0,294
CHR9	4708454	CHR9:4708454	SSF x Far_LoA	-7,92021637	0,075	0,311
CHR9	4713785	CHR9:4713785	SSF x Far_LoA	-9,41675762	-0,031	0,313
CHR9	4713793	CHR9:4713793	SSF x Far_LoA	6,79840931	0,227	0,304
CHR9	4717623	CHR9:4717623	SSF x Far_LoA	-8,18106711	-0,105	0,305
CHR9	4717713	CHR9:4717713	SSF x Far_LoA	-7,92888022	-0,110	0,312
CHR9	4717745	CHR9:4717745	SSF x Far_LoA	-8,77850875	-0,072	0,315
CHR9	4722889	CHR9:4722889	SSF x Far_LoA	-6,97488724	0,086	0,309
CHR9	4723062	CHR9:4723062	SSF x Far_LoA	-7,11574352	-0,098	0,309
CHR9	4723086	CHR9:4723086	SSF x Far_LoA	-7,58296044	0,187	0,308
CHR9	4723094	CHR9:4723094	SSF x Far_LoA	-9,34265517	0,031	0,302
CHR9	4736450	CHR9:4736450	SSF x Far_LoA	-10,1023441	0,119	0,318
CHR9	474407	CHR9:474407	SSF x Far_LoA	-8,5701263	-0,039	0,299
CHR9	4760447	CHR9:4760447	SSF x Far_LoA	-7,7546758	0,109	0,309
CHR9	4760454	CHR9:4760454	SSF x Far_LoA	-10,845479	-0,047	0,304
CHR9	4760499	CHR9:4760499	SSF x Far_LoA	-8,55794879	-0,017	0,299

CHR9	4760566	CHR9:4760566	SSF x Far_LoA	-7,61517079	0,118	0,304
CHR9	4760599	CHR9:4760599	SSF x Far_LoA	-11,6389302	-0,010	0,307
CHR9	4763204	CHR9:4763204	SSF x Far_LoA	-6,34499192	0,197	0,285
CHR9	4763293	CHR9:4763293	SSF x Far_LoA	-11,7526051	0,037	0,310
CHR9	4763408	CHR9:4763408	SSF x Far_LoA	-8,16138253	0,108	0,291
CHR9	4767542	CHR9:4767542	SSF x Far_LoA	-8,56030173	-0,134	0,297
CHR9	4767547	CHR9:4767547	SSF x Far_LoA	-3,60973994	0,203	0,295
CHR9	477580	CHR9:477580	SSF x Far_LoA	-11,0468425	-0,055	0,304
CHR9	477666	CHR9:477666	SSF x Far_LoA	-7,60249868	0,055	0,312
CHR9	4776907	CHR9:4776907	SSF x Far_LoA	-8,54326727	0,060	0,308
CHR9	4776923	CHR9:4776923	SSF x Far_LoA	-7,96090329	0,034	0,317
CHR9	4776969	CHR9:4776969	SSF x Far_LoA	-10,4940667	0,048	0,296
CHR9	4776978	CHR9:4776978	SSF x Far_LoA	-6,74183088	-0,062	0,308
CHR9	4776983	CHR9:4776983	SSF x Far_LoA	-8,36253578	0,042	0,310
CHR9	4776989	CHR9:4776989	SSF x Far_LoA	-9,01306267	-0,051	0,315
CHR9	4777015	CHR9:4777015	SSF x Far_LoA	-11,1517843	0,012	0,315
CHR9	4777037	CHR9:4777037	SSF x Far_LoA	-10,8754982	0,033	0,309
CHR9	4777038	CHR9:4777038	SSF x Far_LoA	-5,58352196	0,020	0,314
CHR9	4781413	CHR9:4781413	SSF x Far_LoA	-2,43759126	-0,065	0,323
CHR9	4781656	CHR9:4781656	SSF x Far_LoA	-11,3709275	0,089	0,309
CHR9	4781722	CHR9:4781722	SSF x Far_LoA	-8,06987251	0,143	0,288
CHR9	4781817	CHR9:4781817	SSF x Far_LoA	-11,8027458	0,006	0,305
CHR9	4791266	CHR9:4791266	SSF x Far_LoA	-10,3426897	-0,053	0,316
CHR9	4791297	CHR9:4791297	SSF x Far_LoA	-7,23021037	0,084	0,306
CHR9	4791298	CHR9:4791298	SSF x Far_LoA	-8,32552231	0,075	0,316
CHR9	4791300	CHR9:4791300	SSF x Far_LoA	-11,8132833	0,021	0,308
CHR9	4791526	CHR9:4791526	SSF x Far_LoA	-8,6240692	0,059	0,299
CHR9	4791593	CHR9:4791593	SSF x Far_LoA	-11,4262165	-0,069	0,308
CHR9	4794732	CHR9:4794732	SSF x Far_LoA	2,73344457	0,231	0,297
CHR9	4794772	CHR9:4794772	SSF x Far_LoA	-5,46974714	0,173	0,302
CHR9	4794778	CHR9:4794778	SSF x Far_LoA	-7,16192604	0,168	0,303
CHR9	4794836	CHR9:4794836	SSF x Far_LoA	-9,8062756	0,151	0,295
CHR9	4795616	CHR9:4795616	SSF x Far_LoA	-8,38592765	-0,144	0,309
CHR9	4795621	CHR9:4795621	SSF x Far_LoA	-11,5244596	-0,005	0,317
CHR9	4795663	CHR9:4795663	SSF x Far_LoA	-5,633887	-0,125	0,309
CHR9	4799417	CHR9:4799417	SSF x Far_LoA	-7,67925769	0,098	0,305
CHR9	4799430	CHR9:4799430	SSF x Far_LoA	-8,78940091	0,077	0,308
CHR9	4799472	CHR9:4799472	SSF x Far_LoA	-10,5383509	0,041	0,297
CHR9	4807431	CHR9:4807431	SSF x Far_LoA	-11,526558	0,106	0,284
CHR9	4807506	CHR9:4807506	SSF x Far_LoA	-9,2277228	0,068	0,294
CHR9	4814232	CHR9:4814232	SSF x Far_LoA	-8,20487418	-0,152	0,292
CHR9	4814283	CHR9:4814283	SSF x Far_LoA	-10,7598214	-0,035	0,302
CHR9	4814285	CHR9:4814285	SSF x Far_LoA	-10,1005827	0,109	0,307
CHR9	4814401	CHR9:4814401	SSF x Far_LoA	-10,2388497	-0,034	0,299
CHR9	4814419	CHR9:4814419	SSF x Far_LoA	-10,7598857	-0,008	0,302
CHR9	4817417	CHR9:4817417	SSF x Far_LoA	-9,65713679	0,084	0,304
CHR9	4823428	CHR9:4823428	SSF x Far_LoA	-9,41880025	0,164	0,298
CHR9	482662	CHR9:482662	SSF x Far_LoA	-11,845026	-0,016	0,317
CHR9	482674	CHR9:482674	SSF x Far_LoA	-9,73970092	-0,005	0,315
CHR9	4827554	CHR9:4827554	SSF x Far_LoA	-10,8614276	0,129	0,295
CHR9	4827574	CHR9:4827574	SSF x Far_LoA	-8,33034654	-0,019	0,326
CHR9	4827576	CHR9:4827576	SSF x Far_LoA	-10,5696202	0,056	0,307
CHR9	4832425	CHR9:4832425	SSF x Far_LoA	-11,6940587	0,010	0,308

CHR9	483303	CHR9:483303	SSF x Far_LoA	-9,80056815	-0,023	0,301
CHR9	4844466	CHR9:4844466	SSF x Far_LoA	-9,24508135	0,027	0,308
CHR9	4844677	CHR9:4844677	SSF x Far_LoA	-7,47447643	0,136	0,323
CHR9	4844691	CHR9:4844691	SSF x Far_LoA	-4,71877866	0,110	0,309
CHR9	4853745	CHR9:4853745	SSF x Far_LoA	-7,43903747	-0,003	0,317
CHR9	4853824	CHR9:4853824	SSF x Far_LoA	-7,89033407	-0,119	0,283
CHR9	4853825	CHR9:4853825	SSF x Far_LoA	-9,96204176	0,031	0,305
CHR9	4853856	CHR9:4853856	SSF x Far_LoA	-10,7009208	-0,013	0,310
CHR9	4855720	CHR9:4855720	SSF x Far_LoA	-8,59981218	-0,029	0,295
CHR9	4857682	CHR9:4857682	SSF x Far_LoA	-8,44170406	0,108	0,299
CHR9	4857687	CHR9:4857687	SSF x Far_LoA	-4,22069479	0,132	0,294
CHR9	4857734	CHR9:4857734	SSF x Far_LoA	-10,1399911	0,150	0,298
CHR9	4864855	CHR9:4864855	SSF x Far_LoA	-9,38112253	-0,118	0,310
CHR9	4869550	CHR9:4869550	SSF x Far_LoA	-9,42196502	0,059	0,308
CHR9	4869577	CHR9:4869577	SSF x Far_LoA	-7,06715865	0,038	0,312
CHR9	4869591	CHR9:4869591	SSF x Far_LoA	-9,09837218	0,040	0,301
CHR9	4870813	CHR9:4870813	SSF x Far_LoA	-4,00296177	0,031	0,312
CHR9	4876647	CHR9:4876647	SSF x Far_LoA	-11,1591154	-0,017	0,320
CHR9	4876654	CHR9:4876654	SSF x Far_LoA	-10,3880527	0,055	0,292
CHR9	4876666	CHR9:4876666	SSF x Far_LoA	-10,6458916	-0,052	0,308
CHR9	4876710	CHR9:4876710	SSF x Far_LoA	-9,56364793	-0,064	0,284
CHR9	4876724	CHR9:4876724	SSF x Far_LoA	-7,30540623	-0,043	0,307
CHR9	4876747	CHR9:4876747	SSF x Far_LoA	-7,76969092	-0,010	0,303
CHR9	4879467	CHR9:4879467	SSF x Far_LoA	-6,78374162	0,112	0,297
CHR9	4881482	CHR9:4881482	SSF x Far_LoA	-7,31891397	0,060	0,299
CHR9	4881533	CHR9:4881533	SSF x Far_LoA	-10,0887603	0,065	0,309
CHR9	4881536	CHR9:4881536	SSF x Far_LoA	-9,58516608	0,066	0,309
CHR9	4891412	CHR9:4891412	SSF x Far_LoA	-6,8495625	-0,029	0,319
CHR9	4891592	CHR9:4891592	SSF x Far_LoA	-2,44756668	-0,076	0,310
CHR9	4892878	CHR9:4892878	SSF x Far_LoA	-7,76350657	0,056	0,323
CHR9	4896177	CHR9:4896177	SSF x Far_LoA	-8,9502689	0,160	0,293
CHR9	4896197	CHR9:4896197	SSF x Far_LoA	-11,9029326	-0,016	0,306
CHR9	4896214	CHR9:4896214	SSF x Far_LoA	-9,07569527	-0,003	0,304
CHR9	4896222	CHR9:4896222	SSF x Far_LoA	-9,15146591	0,025	0,307
CHR9	4896255	CHR9:4896255	SSF x Far_LoA	-10,548941	-0,122	0,292
CHR9	4896320	CHR9:4896320	SSF x Far_LoA	-9,98490895	-0,059	0,307
CHR9	4896347	CHR9:4896347	SSF x Far_LoA	-11,2005799	-0,037	0,314
CHR9	4896351	CHR9:4896351	SSF x Far_LoA	-10,0525559	-0,098	0,309
CHR9	4898861	CHR9:4898861	SSF x Far_LoA	-11,251288	-0,015	0,306
CHR9	4898955	CHR9:4898955	SSF x Far_LoA	-9,89704739	0,098	0,305
CHR9	4899012	CHR9:4899012	SSF x Far_LoA	-10,3655486	-0,025	0,311
CHR9	4905478	CHR9:4905478	SSF x Far_LoA	-10,4419853	0,078	0,303
CHR9	4905479	CHR9:4905479	SSF x Far_LoA	-5,24991362	-0,069	0,298
CHR9	4905503	CHR9:4905503	SSF x Far_LoA	-7,62655565	-0,071	0,311
CHR9	4905532	CHR9:4905532	SSF x Far_LoA	-8,0531857	-0,036	0,322
CHR9	4905606	CHR9:4905606	SSF x Far_LoA	-6,14494801	-0,019	0,323
CHR9	4905626	CHR9:4905626	SSF x Far_LoA	-6,87782639	0,052	0,308
CHR9	4905677	CHR9:4905677	SSF x Far_LoA	-9,67010259	-0,033	0,310
CHR9	4905679	CHR9:4905679	SSF x Far_LoA	-10,2783885	-0,020	0,309
CHR9	4905695	CHR9:4905695	SSF x Far_LoA	-7,92410505	0,075	0,323
CHR9	4908396	CHR9:4908396	SSF x Far_LoA	-8,69541145	0,039	0,305
CHR9	4908402	CHR9:4908402	SSF x Far_LoA	-7,85226344	0,070	0,302
CHR9	4908422	CHR9:4908422	SSF x Far_LoA	-8,67170565	0,044	0,291

CHR9	4908441	CHR9:4908441	SSF x Far_LoA	-10,1404139	0,040	0,307
CHR9	4908519	CHR9:4908519	SSF x Far_LoA	-1,62531085	0,083	0,301
CHR9	4909184	CHR9:4909184	SSF x Far_LoA	-7,16362071	0,037	0,325
CHR9	4909193	CHR9:4909193	SSF x Far_LoA	-9,12770834	0,042	0,307
CHR9	4909209	CHR9:4909209	SSF x Far_LoA	-9,85073634	-0,113	0,298
CHR9	4909228	CHR9:4909228	SSF x Far_LoA	-9,45313768	-0,029	0,306
CHR9	4909275	CHR9:4909275	SSF x Far_LoA	-8,63580382	0,122	0,288
CHR9	4909281	CHR9:4909281	SSF x Far_LoA	-11,1920821	0,077	0,303
CHR9	4910742	CHR9:4910742	SSF x Far_LoA	-8,05073774	0,068	0,311
CHR9	4912117	CHR9:4912117	SSF x Far_LoA	-4,9509642	-0,013	0,320
CHR9	4912162	CHR9:4912162	SSF x Far_LoA	-12,0733746	0,036	0,310
CHR9	4913840	CHR9:4913840	SSF x Far_LoA	-8,70937534	-0,058	0,308
CHR9	491797	CHR9:491797	SSF x Far_LoA	-7,16259795	0,057	0,306
CHR9	4918571	CHR9:4918571	SSF x Far_LoA	-6,05316798	0,090	0,316
CHR9	4918637	CHR9:4918637	SSF x Far_LoA	-9,90337438	-0,063	0,314
CHR9	4923843	CHR9:4923843	SSF x Far_LoA	-8,13331037	0,061	0,312
CHR9	4933836	CHR9:4933836	SSF x Far_LoA	-10,3599041	0,041	0,316
CHR9	4934483	CHR9:4934483	SSF x Far_LoA	-10,2297973	-0,033	0,308
CHR9	4942267	CHR9:4942267	SSF x Far_LoA	-8,91673957	-0,096	0,303
CHR9	4942416	CHR9:4942416	SSF x Far_LoA	-7,7741463	0,122	0,304
CHR9	4942493	CHR9:4942493	SSF x Far_LoA	-9,81595263	0,069	0,305
CHR9	4942494	CHR9:4942494	SSF x Far_LoA	-8,79418311	0,036	0,302
CHR9	4951832	CHR9:4951832	SSF x Far_LoA	-10,125132	-0,009	0,309
CHR9	4956348	CHR9:4956348	SSF x Far_LoA	-8,85590119	0,027	0,317
CHR9	4956402	CHR9:4956402	SSF x Far_LoA	-10,7016727	-0,023	0,318
CHR9	4971465	CHR9:4971465	SSF x Far_LoA	-6,65353775	-0,031	0,312
CHR9	4971485	CHR9:4971485	SSF x Far_LoA	-10,8632541	-0,021	0,311
CHR9	4971497	CHR9:4971497	SSF x Far_LoA	-8,66675095	-0,011	0,318
CHR9	4971506	CHR9:4971506	SSF x Far_LoA	-10,7725738	0,012	0,303
CHR9	4971548	CHR9:4971548	SSF x Far_LoA	-8,07878708	-0,118	0,314
CHR9	4978980	CHR9:4978980	SSF x Far_LoA	-9,81393926	-0,025	0,310
CHR9	4979015	CHR9:4979015	SSF x Far_LoA	-7,54596923	0,080	0,300
CHR9	4979176	CHR9:4979176	SSF x Far_LoA	-11,8340637	0,040	0,310
CHR9	4984162	CHR9:4984162	SSF x Far_LoA	-10,5609824	0,007	0,305
CHR9	4984235	CHR9:4984235	SSF x Far_LoA	-9,37419157	-0,043	0,301
CHR9	4985245	CHR9:4985245	SSF x Far_LoA	-10,0675135	0,046	0,311
CHR9	4985266	CHR9:4985266	SSF x Far_LoA	-9,84329293	-0,064	0,314
CHR9	4985314	CHR9:4985314	SSF x Far_LoA	1,70864923	0,140	0,299
CHR9	4985398	CHR9:4985398	SSF x Far_LoA	-6,79483047	0,101	0,315
CHR9	4985400	CHR9:4985400	SSF x Far_LoA	-8,78167302	0,112	0,298
CHR9	4986	CHR9:4986	SSF x Far_LoA	-9,77001949	-0,045	0,307
CHR9	4986654	CHR9:4986654	SSF x Far_LoA	-9,61858944	-0,076	0,305
CHR9	4996798	CHR9:4996798	SSF x Far_LoA	-9,26256836	-0,003	0,293
CHR9	5000024	CHR9:5000024	SSF x Far_LoA	-9,19974049	0,053	0,297
CHR9	5012703	CHR9:5012703	SSF x Far_LoA	-9,59415343	0,068	0,305
CHR9	5012704	CHR9:5012704	SSF x Far_LoA	-9,96081444	-0,027	0,307
CHR9	5012706	CHR9:5012706	SSF x Far_LoA	-7,29818309	-0,119	0,314
CHR9	5012715	CHR9:5012715	SSF x Far_LoA	-9,45653745	-0,094	0,303
CHR9	5012740	CHR9:5012740	SSF x Far_LoA	-9,37853088	0,060	0,293
CHR9	5012745	CHR9:5012745	SSF x Far_LoA	-8,56213806	0,009	0,312
CHR9	5012785	CHR9:5012785	SSF x Far_LoA	-8,16486889	0,024	0,313
CHR9	5012792	CHR9:5012792	SSF x Far_LoA	-6,1383453	-0,100	0,307
CHR9	5012808	CHR9:5012808	SSF x Far_LoA	-9,55358198	-0,013	0,310

CHR9	5015962	CHR9:5015962	SSF x Far_LoA	-7,4525905	0,042	0,314
CHR9	5020412	CHR9:5020412	SSF x Far_LoA	-8,83716102	0,171	0,309
CHR9	5020570	CHR9:5020570	SSF x Far_LoA	-10,3493694	-0,054	0,318
CHR9	502067	CHR9:502067	SSF x Far_LoA	-8,29580195	-0,045	0,304
CHR9	502091	CHR9:502091	SSF x Far_LoA	-9,85612592	-0,068	0,298
CHR9	5033550	CHR9:5033550	SSF x Far_LoA	-10,84966	-0,019	0,309
CHR9	5037107	CHR9:5037107	SSF x Far_LoA	-9,86055972	0,012	0,298
CHR9	5039496	CHR9:5039496	SSF x Far_LoA	-11,4726622	-0,016	0,300
CHR9	5039676	CHR9:5039676	SSF x Far_LoA	-6,39733678	-0,075	0,295
CHR9	5039703	CHR9:5039703	SSF x Far_LoA	-11,524403	-0,084	0,308
CHR9	5041140	CHR9:5041140	SSF x Far_LoA	-8,58144993	-0,024	0,313
CHR9	5052652	CHR9:5052652	SSF x Far_LoA	-10,0092008	0,037	0,303
CHR9	5052681	CHR9:5052681	SSF x Far_LoA	-9,7390229	0,015	0,319
CHR9	5052688	CHR9:5052688	SSF x Far_LoA	-9,18059161	0,011	0,313
CHR9	5067563	CHR9:5067563	SSF x Far_LoA	-9,33963435	0,025	0,305
CHR9	5075359	CHR9:5075359	SSF x Far_LoA	-8,3894254	-0,133	0,315
CHR9	5075414	CHR9:5075414	SSF x Far_LoA	-8,32328448	0,176	0,285
CHR9	5075504	CHR9:5075504	SSF x Far_LoA	-8,57107556	0,090	0,298
CHR9	5075610	CHR9:5075610	SSF x Far_LoA	-9,67816761	-0,068	0,305
CHR9	5079127	CHR9:5079127	SSF x Far_LoA	-10,4017632	0,005	0,291
CHR9	5079220	CHR9:5079220	SSF x Far_LoA	-9,64023789	-0,062	0,294
CHR9	5079248	CHR9:5079248	SSF x Far_LoA	-9,50812507	-0,025	0,293
CHR9	5079249	CHR9:5079249	SSF x Far_LoA	-7,87280238	-0,032	0,312
CHR9	5083650	CHR9:5083650	SSF x Far_LoA	-10,5717921	0,014	0,308
CHR9	5084535	CHR9:5084535	SSF x Far_LoA	-11,2487253	0,098	0,304
CHR9	5093017	CHR9:5093017	SSF x Far_LoA	-10,231413	0,052	0,309
CHR9	5099161	CHR9:5099161	SSF x Far_LoA	-8,59462519	-0,035	0,317
CHR9	5099191	CHR9:5099191	SSF x Far_LoA	-5,47590827	0,133	0,312
CHR9	5099193	CHR9:5099193	SSF x Far_LoA	-10,1917973	0,027	0,309
CHR9	5101237	CHR9:5101237	SSF x Far_LoA	-7,93475852	0,051	0,314
CHR9	5101352	CHR9:5101352	SSF x Far_LoA	-10,9210551	0,031	0,304
CHR9	5114630	CHR9:5114630	SSF x Far_LoA	-10,8923703	0,127	0,287
CHR9	5117371	CHR9:5117371	SSF x Far_LoA	-9,49232232	0,053	0,304
CHR9	5117419	CHR9:5117419	SSF x Far_LoA	-9,29462976	0,064	0,314
CHR9	5138568	CHR9:5138568	SSF x Far_LoA	-11,7477271	-0,056	0,299
CHR9	5162313	CHR9:5162313	SSF x Far_LoA	-9,25050081	-0,039	0,316
CHR9	5162315	CHR9:5162315	SSF x Far_LoA	-9,75503339	0,144	0,291
CHR9	5162327	CHR9:5162327	SSF x Far_LoA	-1,9773833	0,174	0,300
CHR9	5173873	CHR9:5173873	SSF x Far_LoA	-8,2866229	0,025	0,308
CHR9	5173875	CHR9:5173875	SSF x Far_LoA	-9,72440396	0,162	0,311
CHR9	5173931	CHR9:5173931	SSF x Far_LoA	-10,6773284	-0,006	0,307
CHR9	5174007	CHR9:5174007	SSF x Far_LoA	-10,3814506	-0,077	0,304
CHR9	5175929	CHR9:5175929	SSF x Far_LoA	-5,64721893	0,090	0,312
CHR9	5175936	CHR9:5175936	SSF x Far_LoA	-7,66655376	0,122	0,310
CHR9	5176069	CHR9:5176069	SSF x Far_LoA	-2,43466662	-0,088	0,293
CHR9	519646	CHR9:519646	SSF x Far_LoA	-8,44200013	-0,068	0,296
CHR9	5196874	CHR9:5196874	SSF x Far_LoA	-10,9792321	0,078	0,291
CHR9	5197094	CHR9:5197094	SSF x Far_LoA	-8,37597265	-0,159	0,315
CHR9	5197202	CHR9:5197202	SSF x Far_LoA	-9,47548353	0,020	0,313
CHR9	519747	CHR9:519747	SSF x Far_LoA	-7,53217108	0,059	0,312
CHR9	519748	CHR9:519748	SSF x Far_LoA	-9,47647332	-0,022	0,302
CHR9	519813	CHR9:519813	SSF x Far_LoA	-9,33657964	-0,065	0,308
CHR9	519818	CHR9:519818	SSF x Far_LoA	-9,06997622	-0,042	0,304

CHR9	519819	CHR9:519819	SSF x Far_LoA	-9,56736794	-0,033	0,301
CHR9	5213576	CHR9:5213576	SSF x Far_LoA	-10,7262943	0,061	0,303
CHR9	5213749	CHR9:5213749	SSF x Far_LoA	-6,70714794	0,065	0,307
CHR9	5231185	CHR9:5231185	SSF x Far_LoA	-10,2249735	-0,059	0,297
CHR9	5231282	CHR9:5231282	SSF x Far_LoA	-11,9041839	0,037	0,309
CHR9	5231300	CHR9:5231300	SSF x Far_LoA	-9,83109254	0,004	0,307
CHR9	5231309	CHR9:5231309	SSF x Far_LoA	-10,3418053	0,045	0,316
CHR9	5242260	CHR9:5242260	SSF x Far_LoA	-7,97641855	0,028	0,317
CHR9	525477	CHR9:525477	SSF x Far_LoA	-9,66344195	-0,017	0,307
CHR9	5260375	CHR9:5260375	SSF x Far_LoA	-8,26546107	0,105	0,303
CHR9	5260378	CHR9:5260378	SSF x Far_LoA	-9,31112893	0,086	0,301
CHR9	5260379	CHR9:5260379	SSF x Far_LoA	-8,90731031	0,100	0,303
CHR9	5260382	CHR9:5260382	SSF x Far_LoA	-6,13268545	0,105	0,306
CHR9	5260387	CHR9:5260387	SSF x Far_LoA	-6,76872094	0,078	0,307
CHR9	5260428	CHR9:5260428	SSF x Far_LoA	-10,9088954	-0,067	0,307
CHR9	5260431	CHR9:5260431	SSF x Far_LoA	-11,561954	0,016	0,294
CHR9	5260445	CHR9:5260445	SSF x Far_LoA	-11,3919701	0,013	0,307
CHR9	5260807	CHR9:5260807	SSF x Far_LoA	-11,3522198	0,064	0,296
CHR9	5260834	CHR9:5260834	SSF x Far_LoA	-11,0249875	-0,070	0,307
CHR9	5266039	CHR9:5266039	SSF x Far_LoA	-8,67444925	0,145	0,291
CHR9	5266157	CHR9:5266157	SSF x Far_LoA	-5,90818166	0,007	0,298
CHR9	5268248	CHR9:5268248	SSF x Far_LoA	-4,89875287	-0,105	0,311
CHR9	5268272	CHR9:5268272	SSF x Far_LoA	-11,3945245	-0,038	0,301
CHR9	5269550	CHR9:5269550	SSF x Far_LoA	-9,17062658	0,050	0,317
CHR9	5269693	CHR9:5269693	SSF x Far_LoA	-6,30894812	-0,155	0,308
CHR9	527196	CHR9:527196	SSF x Far_LoA	-9,62738844	-0,014	0,293
CHR9	5278184	CHR9:5278184	SSF x Far_LoA	-10,55203	-0,063	0,311
CHR9	5286316	CHR9:5286316	SSF x Far_LoA	-7,26287255	0,114	0,307
CHR9	5286348	CHR9:5286348	SSF x Far_LoA	-9,59530405	0,103	0,306
CHR9	5286376	CHR9:5286376	SSF x Far_LoA	-6,3975187	0,093	0,320
CHR9	530154	CHR9:530154	SSF x Far_LoA	-9,77405405	-0,004	0,300
CHR9	530199	CHR9:530199	SSF x Far_LoA	-7,8360545	-0,009	0,308
CHR9	530215	CHR9:530215	SSF x Far_LoA	-10,9566694	0,015	0,315
CHR9	530222	CHR9:530222	SSF x Far_LoA	-9,11124373	-0,006	0,310
CHR9	530253	CHR9:530253	SSF x Far_LoA	-8,08055591	0,099	0,294
CHR9	530298	CHR9:530298	SSF x Far_LoA	-8,83167436	0,067	0,312
CHR9	530357	CHR9:530357	SSF x Far_LoA	-9,02633559	-0,077	0,294
CHR9	5303826	CHR9:5303826	SSF x Far_LoA	-9,41058289	0,053	0,302
CHR9	5303967	CHR9:5303967	SSF x Far_LoA	-10,0260858	-0,073	0,293
CHR9	5314553	CHR9:5314553	SSF x Far_LoA	-7,40240999	0,149	0,297
CHR9	5314735	CHR9:5314735	SSF x Far_LoA	-9,15082344	-0,066	0,297
CHR9	5324693	CHR9:5324693	SSF x Far_LoA	-12,7291598	-0,035	0,297
CHR9	5325800	CHR9:5325800	SSF x Far_LoA	-10,4392556	-0,035	0,295
CHR9	5327856	CHR9:5327856	SSF x Far_LoA	-6,35847547	0,024	0,314
CHR9	5327906	CHR9:5327906	SSF x Far_LoA	-8,68145985	0,050	0,301
CHR9	5327980	CHR9:5327980	SSF x Far_LoA	-9,64022901	0,018	0,320
CHR9	5328130	CHR9:5328130	SSF x Far_LoA	-6,71785126	-0,062	0,298
CHR9	5329170	CHR9:5329170	SSF x Far_LoA	-10,3352025	0,157	0,285
CHR9	5329209	CHR9:5329209	SSF x Far_LoA	-6,84353248	-0,059	0,311
CHR9	5333042	CHR9:5333042	SSF x Far_LoA	-8,0642633	0,078	0,305
CHR9	5333149	CHR9:5333149	SSF x Far_LoA	-8,20924882	-0,103	0,308
CHR9	5344807	CHR9:5344807	SSF x Far_LoA	-10,5660579	-0,046	0,295
CHR9	5344811	CHR9:5344811	SSF x Far_LoA	-8,03165518	-0,029	0,315

CHR9	5344877	CHR9:5344877	SSF x Far_LoA	-10,5163766	-0,020	0,305
CHR9	5345007	CHR9:5345007	SSF x Far_LoA	-6,85796178	0,106	0,321
CHR9	5345010	CHR9:5345010	SSF x Far_LoA	-4,01976874	0,110	0,303
CHR9	5350396	CHR9:5350396	SSF x Far_LoA	-7,90417787	-0,094	0,313
CHR9	5350420	CHR9:5350420	SSF x Far_LoA	-9,28077347	0,007	0,308
CHR9	5350446	CHR9:5350446	SSF x Far_LoA	-6,90047432	0,001	0,298
CHR9	5364494	CHR9:5364494	SSF x Far_LoA	-11,4655452	0,084	0,306
CHR9	5364587	CHR9:5364587	SSF x Far_LoA	-7,3214653	0,022	0,323
CHR9	5364595	CHR9:5364595	SSF x Far_LoA	-10,0574726	-0,058	0,313
CHR9	5365778	CHR9:5365778	SSF x Far_LoA	-11,233928	0,011	0,309
CHR9	5365949	CHR9:5365949	SSF x Far_LoA	-10,9175122	-0,043	0,306
CHR9	5376060	CHR9:5376060	SSF x Far_LoA	-10,0819274	0,129	0,298
CHR9	5376137	CHR9:5376137	SSF x Far_LoA	-9,93361926	0,042	0,298
CHR9	5390859	CHR9:5390859	SSF x Far_LoA	-8,40476097	0,018	0,321
CHR9	5390923	CHR9:5390923	SSF x Far_LoA	-8,60885374	-0,034	0,318
CHR9	5390939	CHR9:5390939	SSF x Far_LoA	-10,1219533	0,059	0,306
CHR9	5403997	CHR9:5403997	SSF x Far_LoA	-10,7444618	0,022	0,299
CHR9	5407270	CHR9:5407270	SSF x Far_LoA	-11,5931665	0,036	0,302
CHR9	542162	CHR9:542162	SSF x Far_LoA	-9,01419783	0,060	0,304
CHR9	5438226	CHR9:5438226	SSF x Far_LoA	-10,5527509	0,026	0,319
CHR9	545326	CHR9:545326	SSF x Far_LoA	-11,2299992	0,033	0,301
CHR9	545351	CHR9:545351	SSF x Far_LoA	-8,13076814	0,091	0,302
CHR9	545463	CHR9:545463	SSF x Far_LoA	-7,5349123	0,090	0,311
CHR9	545526	CHR9:545526	SSF x Far_LoA	-8,88438451	0,132	0,297
CHR9	5456559	CHR9:5456559	SSF x Far_LoA	-6,05733016	0,059	0,303
CHR9	5456562	CHR9:5456562	SSF x Far_LoA	-9,96242052	0,056	0,298
CHR9	5469149	CHR9:5469149	SSF x Far_LoA	-10,6681052	-0,024	0,314
CHR9	5469224	CHR9:5469224	SSF x Far_LoA	-9,00241072	-0,018	0,315
CHR9	5474372	CHR9:5474372	SSF x Far_LoA	-9,00354028	0,095	0,282
CHR9	5474507	CHR9:5474507	SSF x Far_LoA	-7,83187613	-0,111	0,300
CHR9	5484093	CHR9:5484093	SSF x Far_LoA	-8,01943483	-0,033	0,307
CHR9	5484316	CHR9:5484316	SSF x Far_LoA	-8,15504909	-0,072	0,316
CHR9	5490828	CHR9:5490828	SSF x Far_LoA	-9,34654547	0,135	0,303
CHR9	5527577	CHR9:5527577	SSF x Far_LoA	-8,72970505	0,020	0,316
CHR9	5527659	CHR9:5527659	SSF x Far_LoA	-9,45361418	0,069	0,302
CHR9	5527764	CHR9:5527764	SSF x Far_LoA	-9,25233928	-0,118	0,310
CHR9	5531686	CHR9:5531686	SSF x Far_LoA	-9,55162917	-0,051	0,295
CHR9	5531702	CHR9:5531702	SSF x Far_LoA	-6,38090632	0,155	0,299
CHR9	5531707	CHR9:5531707	SSF x Far_LoA	-9,05229727	0,111	0,314
CHR9	553441	CHR9:553441	SSF x Far_LoA	-3,88658443	-0,043	0,299
CHR9	553503	CHR9:553503	SSF x Far_LoA	-8,2253447	0,023	0,307
CHR9	5535826	CHR9:5535826	SSF x Far_LoA	-5,99499365	0,099	0,295
CHR9	5535993	CHR9:5535993	SSF x Far_LoA	-9,92540516	-0,070	0,306
CHR9	5536004	CHR9:5536004	SSF x Far_LoA	-6,70525679	-0,122	0,313
CHR9	553606	CHR9:553606	SSF x Far_LoA	-9,53649923	0,092	0,303
CHR9	5549242	CHR9:5549242	SSF x Far_LoA	-8,68479407	-0,048	0,291
CHR9	5549288	CHR9:5549288	SSF x Far_LoA	-11,0241116	0,015	0,317
CHR9	5557580	CHR9:5557580	SSF x Far_LoA	-9,28135189	-0,031	0,290
CHR9	5573783	CHR9:5573783	SSF x Far_LoA	-9,30531775	-0,013	0,309
CHR9	5606931	CHR9:5606931	SSF x Far_LoA	-9,78496554	0,039	0,308
CHR9	5606996	CHR9:5606996	SSF x Far_LoA	-6,64815937	0,040	0,320
CHR9	5607038	CHR9:5607038	SSF x Far_LoA	-10,1184711	0,095	0,292
CHR9	5609397	CHR9:5609397	SSF x Far_LoA	-11,4637958	0,031	0,297

CHR9	5609535	CHR9:5609535	SSF x Far_LoA	-9,84926332	-0,026	0,308
CHR9	5615454	CHR9:5615454	SSF x Far_LoA	-9,70929348	0,089	0,308
CHR9	5615486	CHR9:5615486	SSF x Far_LoA	-6,48839399	0,017	0,300
CHR9	5615508	CHR9:5615508	SSF x Far_LoA	-9,56240093	0,042	0,306
CHR9	5615566	CHR9:5615566	SSF x Far_LoA	-10,6303872	-0,050	0,313
CHR9	5615572	CHR9:5615572	SSF x Far_LoA	-7,47835042	0,108	0,310
CHR9	5615579	CHR9:5615579	SSF x Far_LoA	-11,5627286	-0,037	0,309
CHR9	5615615	CHR9:5615615	SSF x Far_LoA	-9,1356009	-0,006	0,301
CHR9	562317	CHR9:562317	SSF x Far_LoA	-9,29109323	-0,127	0,288
CHR9	5635947	CHR9:5635947	SSF x Far_LoA	-11,6612532	-0,031	0,303
CHR9	5641710	CHR9:5641710	SSF x Far_LoA	-9,64624836	0,001	0,304
CHR9	5644155	CHR9:5644155	SSF x Far_LoA	-9,32300732	-0,001	0,312
CHR9	5644166	CHR9:5644166	SSF x Far_LoA	-10,5725355	0,082	0,311
CHR9	5644174	CHR9:5644174	SSF x Far_LoA	-9,87213362	-0,056	0,315
CHR9	5648731	CHR9:5648731	SSF x Far_LoA	-10,5879931	-0,024	0,313
CHR9	5659363	CHR9:5659363	SSF x Far_LoA	-9,97287601	0,025	0,314
CHR9	5659427	CHR9:5659427	SSF x Far_LoA	-10,8448097	-0,053	0,307
CHR9	5662352	CHR9:5662352	SSF x Far_LoA	-8,73791224	-0,020	0,310
CHR9	5666716	CHR9:5666716	SSF x Far_LoA	-8,63907367	0,038	0,303
CHR9	5666773	CHR9:5666773	SSF x Far_LoA	-10,9686096	0,088	0,303
CHR9	5666776	CHR9:5666776	SSF x Far_LoA	-10,0542074	0,084	0,302
CHR9	5666848	CHR9:5666848	SSF x Far_LoA	-11,7658109	0,038	0,305
CHR9	5666885	CHR9:5666885	SSF x Far_LoA	-8,80992541	-0,008	0,316
CHR9	5666902	CHR9:5666902	SSF x Far_LoA	-9,62593664	0,070	0,305
CHR9	5666905	CHR9:5666905	SSF x Far_LoA	-9,7108771	0,059	0,304
CHR9	5666920	CHR9:5666920	SSF x Far_LoA	-7,48402745	0,082	0,308
CHR9	5666969	CHR9:5666969	SSF x Far_LoA	-10,3937757	-0,027	0,310
CHR9	5681411	CHR9:5681411	SSF x Far_LoA	-11,4255848	0,039	0,311
CHR9	5681664	CHR9:5681664	SSF x Far_LoA	-9,56501933	-0,100	0,307
CHR9	5681669	CHR9:5681669	SSF x Far_LoA	-7,77136811	-0,065	0,317
CHR9	5685139	CHR9:5685139	SSF x Far_LoA	-4,52651682	-0,123	0,289
CHR9	5685160	CHR9:5685160	SSF x Far_LoA	-9,00988424	-0,005	0,312
CHR9	5685410	CHR9:5685410	SSF x Far_LoA	-3,5726144	-0,093	0,312
CHR9	5685420	CHR9:5685420	SSF x Far_LoA	-8,46930965	-0,058	0,312
CHR9	568678	CHR9:568678	SSF x Far_LoA	-11,2592518	-0,013	0,300
CHR9	568686	CHR9:568686	SSF x Far_LoA	-10,9798167	-0,018	0,308
CHR9	5703293	CHR9:5703293	SSF x Far_LoA	-8,72585123	-0,018	0,310
CHR9	570569	CHR9:570569	SSF x Far_LoA	-8,5372098	-0,120	0,300
CHR9	570580	CHR9:570580	SSF x Far_LoA	-11,1320167	0,024	0,314
CHR9	5706163	CHR9:5706163	SSF x Far_LoA	-9,30215757	-0,100	0,306
CHR9	5706167	CHR9:5706167	SSF x Far_LoA	-10,0504322	-0,105	0,301
CHR9	5709385	CHR9:5709385	SSF x Far_LoA	-11,3691635	-0,054	0,301
CHR9	5714118	CHR9:5714118	SSF x Far_LoA	-9,48115064	0,000	0,305
CHR9	5714306	CHR9:5714306	SSF x Far_LoA	-6,96442237	0,173	0,280
CHR9	5714310	CHR9:5714310	SSF x Far_LoA	-7,86081507	0,187	0,298
CHR9	5714315	CHR9:5714315	SSF x Far_LoA	-6,13340516	0,151	0,305
CHR9	5714318	CHR9:5714318	SSF x Far_LoA	-7,01932761	0,174	0,314
CHR9	5714342	CHR9:5714342	SSF x Far_LoA	-8,22950054	-0,003	0,316
CHR9	5714390	CHR9:5714390	SSF x Far_LoA	-9,44401425	-0,040	0,317
CHR9	571522	CHR9:571522	SSF x Far_LoA	-6,9766824	-0,019	0,320
CHR9	5725125	CHR9:5725125	SSF x Far_LoA	-10,9508327	0,067	0,304
CHR9	5747035	CHR9:5747035	SSF x Far_LoA	-11,9224808	0,081	0,300
CHR9	5760925	CHR9:5760925	SSF x Far_LoA	-6,84936369	-0,154	0,306

CHR9	5774486	CHR9:5774486	SSF x Far_LoA	-9,29532214	-0,012	0,318
CHR9	5774591	CHR9:5774591	SSF x Far_LoA	-10,5087771	-0,067	0,320
CHR9	5774690	CHR9:5774690	SSF x Far_LoA	-9,15468437	0,000	0,306
CHR9	5774702	CHR9:5774702	SSF x Far_LoA	-10,9477681	0,039	0,315
CHR9	5794945	CHR9:5794945	SSF x Far_LoA	-9,13369825	-0,042	0,297
CHR9	5794956	CHR9:5794956	SSF x Far_LoA	-9,61895147	-0,129	0,294
CHR9	5795100	CHR9:5795100	SSF x Far_LoA	-3,93267358	-0,104	0,319
CHR9	5843545	CHR9:5843545	SSF x Far_LoA	-10,2591551	0,113	0,302
CHR9	5849429	CHR9:5849429	SSF x Far_LoA	-10,2526964	-0,013	0,311
CHR9	5861177	CHR9:5861177	SSF x Far_LoA	-7,53535489	0,181	0,305
CHR9	5869026	CHR9:5869026	SSF x Far_LoA	-8,22669407	-0,114	0,321
CHR9	5869030	CHR9:5869030	SSF x Far_LoA	-8,92956877	0,059	0,297
CHR9	5869031	CHR9:5869031	SSF x Far_LoA	-6,71112219	-0,142	0,308
CHR9	5869054	CHR9:5869054	SSF x Far_LoA	-8,87264531	0,095	0,311
CHR9	5869060	CHR9:5869060	SSF x Far_LoA	-7,93485381	0,068	0,308
CHR9	5869130	CHR9:5869130	SSF x Far_LoA	-11,2693335	-0,008	0,310
CHR9	5869176	CHR9:5869176	SSF x Far_LoA	-3,22767775	-0,049	0,309
CHR9	5876464	CHR9:5876464	SSF x Far_LoA	-8,56017644	-0,016	0,312
CHR9	5876466	CHR9:5876466	SSF x Far_LoA	-8,27348019	-0,022	0,318
CHR9	5876539	CHR9:5876539	SSF x Far_LoA	-9,63918014	-0,016	0,297
CHR9	5887509	CHR9:5887509	SSF x Far_LoA	-8,74039449	0,120	0,314
CHR9	5887528	CHR9:5887528	SSF x Far_LoA	-8,27864199	-0,083	0,305
CHR9	5887800	CHR9:5887800	SSF x Far_LoA	-9,22425134	0,107	0,301
CHR9	5914242	CHR9:5914242	SSF x Far_LoA	-10,4044527	0,057	0,309
CHR9	5914253	CHR9:5914253	SSF x Far_LoA	-8,76796632	0,127	0,297
CHR9	5916039	CHR9:5916039	SSF x Far_LoA	-8,05933679	0,045	0,298
CHR9	5916102	CHR9:5916102	SSF x Far_LoA	-10,9853827	0,062	0,302
CHR9	5916278	CHR9:5916278	SSF x Far_LoA	-11,5001134	0,063	0,314
CHR9	5917585	CHR9:5917585	SSF x Far_LoA	-10,1130736	0,028	0,310
CHR9	5930795	CHR9:5930795	SSF x Far_LoA	-7,86633868	0,101	0,310
CHR9	5930863	CHR9:5930863	SSF x Far_LoA	-6,54146972	0,182	0,295
CHR9	5936309	CHR9:5936309	SSF x Far_LoA	-10,1593515	0,078	0,303
CHR9	5936462	CHR9:5936462	SSF x Far_LoA	-9,65926929	-0,021	0,299
CHR9	5936594	CHR9:5936594	SSF x Far_LoA	-11,741013	-0,053	0,300
CHR9	5950051	CHR9:5950051	SSF x Far_LoA	-8,4338868	-0,054	0,309
CHR9	5951648	CHR9:5951648	SSF x Far_LoA	-9,34312979	0,087	0,308
CHR9	5951715	CHR9:5951715	SSF x Far_LoA	-9,51821357	-0,009	0,303
CHR9	5951775	CHR9:5951775	SSF x Far_LoA	-8,50180099	-0,046	0,307
CHR9	5951796	CHR9:5951796	SSF x Far_LoA	-10,8394494	-0,027	0,311
CHR9	5951801	CHR9:5951801	SSF x Far_LoA	-10,0666549	0,018	0,323
CHR9	5951839	CHR9:5951839	SSF x Far_LoA	-6,2365413	0,071	0,304
CHR9	5951880	CHR9:5951880	SSF x Far_LoA	-10,2472629	-0,019	0,315
CHR9	5951915	CHR9:5951915	SSF x Far_LoA	-8,30472664	-0,071	0,310
CHR9	5951918	CHR9:5951918	SSF x Far_LoA	-11,0837832	-0,027	0,312
CHR9	5951940	CHR9:5951940	SSF x Far_LoA	-10,7485032	0,012	0,284
CHR9	5951947	CHR9:5951947	SSF x Far_LoA	-8,75894717	0,078	0,318
CHR9	5951953	CHR9:5951953	SSF x Far_LoA	-8,88060486	-0,040	0,304
CHR9	5951971	CHR9:5951971	SSF x Far_LoA	-7,76248938	-0,046	0,312
CHR9	5951974	CHR9:5951974	SSF x Far_LoA	-7,39757758	-0,099	0,309
CHR9	5951984	CHR9:5951984	SSF x Far_LoA	-6,90944464	-0,069	0,314
CHR9	5951987	CHR9:5951987	SSF x Far_LoA	-9,71085938	-0,071	0,303
CHR9	5952004	CHR9:5952004	SSF x Far_LoA	-9,85714044	-0,073	0,291
CHR9	5952031	CHR9:5952031	SSF x Far_LoA	-10,9525703	0,011	0,310

CHR9	5957344	CHR9:5957344	SSF x Far_LoA	-7,77826615	-0,021	0,301
CHR9	5960754	CHR9:5960754	SSF x Far_LoA	-9,68238491	0,046	0,314
CHR9	5960913	CHR9:5960913	SSF x Far_LoA	-11,5337184	-0,043	0,304
CHR9	5960930	CHR9:5960930	SSF x Far_LoA	-8,20781489	0,078	0,291
CHR9	5960951	CHR9:5960951	SSF x Far_LoA	-8,84123247	0,098	0,309
CHR9	5967390	CHR9:5967390	SSF x Far_LoA	-9,096727	0,011	0,311
CHR9	5970569	CHR9:5970569	SSF x Far_LoA	-9,44578301	-0,031	0,320
CHR9	5970617	CHR9:5970617	SSF x Far_LoA	-8,17276514	-0,081	0,318
CHR9	5970707	CHR9:5970707	SSF x Far_LoA	-11,5015556	-0,030	0,302
CHR9	5970720	CHR9:5970720	SSF x Far_LoA	-8,55849863	0,047	0,306
CHR9	5970756	CHR9:5970756	SSF x Far_LoA	-5,82347532	-0,019	0,303
CHR9	5970787	CHR9:5970787	SSF x Far_LoA	-8,92616748	-0,009	0,317
CHR9	5970788	CHR9:5970788	SSF x Far_LoA	-9,06625334	-0,073	0,303
CHR9	5976159	CHR9:5976159	SSF x Far_LoA	-10,8042354	-0,085	0,313
CHR9	5976166	CHR9:5976166	SSF x Far_LoA	-6,07354375	-0,142	0,313
CHR9	5976229	CHR9:5976229	SSF x Far_LoA	-10,6915636	-0,001	0,290
CHR9	5988754	CHR9:5988754	SSF x Far_LoA	0,10936514	0,060	0,293
CHR9	5988856	CHR9:5988856	SSF x Far_LoA	-10,4704287	0,030	0,296
CHR9	5988955	CHR9:5988955	SSF x Far_LoA	-10,0789511	-0,015	0,313
CHR9	5990638	CHR9:5990638	SSF x Far_LoA	-9,2616096	0,089	0,301
CHR9	5990728	CHR9:5990728	SSF x Far_LoA	-9,95013712	-0,010	0,308
CHR9	5990752	CHR9:5990752	SSF x Far_LoA	-8,99006189	0,101	0,315
CHR9	5990776	CHR9:5990776	SSF x Far_LoA	-10,3295799	0,003	0,316
CHR9	5998565	CHR9:5998565	SSF x Far_LoA	-10,1040101	-0,030	0,311
CHR9	6006283	CHR9:6006283	SSF x Far_LoA	-11,0457481	-0,008	0,305
CHR9	6006285	CHR9:6006285	SSF x Far_LoA	-10,1475008	-0,014	0,308
CHR9	6006319	CHR9:6006319	SSF x Far_LoA	-8,41295792	0,041	0,306
CHR9	6011300	CHR9:6011300	SSF x Far_LoA	-7,62412195	0,093	0,308
CHR9	6011324	CHR9:6011324	SSF x Far_LoA	-9,85965684	-0,036	0,304
CHR9	6011437	CHR9:6011437	SSF x Far_LoA	-12,1600022	0,019	0,300
CHR9	6011525	CHR9:6011525	SSF x Far_LoA	-10,1710402	-0,058	0,318
CHR9	6017577	CHR9:6017577	SSF x Far_LoA	-11,2658936	-0,060	0,291
CHR9	6017608	CHR9:6017608	SSF x Far_LoA	-10,2870478	0,021	0,307
CHR9	6017646	CHR9:6017646	SSF x Far_LoA	-9,55961798	-0,125	0,294
CHR9	6017670	CHR9:6017670	SSF x Far_LoA	-9,88725958	-0,107	0,306
CHR9	6023080	CHR9:6023080	SSF x Far_LoA	-9,98397036	0,001	0,302
CHR9	6023105	CHR9:6023105	SSF x Far_LoA	0,75938144	-0,154	0,302
CHR9	6026519	CHR9:6026519	SSF x Far_LoA	-10,83169	-0,090	0,305
CHR9	6026545	CHR9:6026545	SSF x Far_LoA	-11,4552067	0,080	0,310
CHR9	6031576	CHR9:6031576	SSF x Far_LoA	-11,1925839	-0,077	0,300
CHR9	6031589	CHR9:6031589	SSF x Far_LoA	-7,63844453	-0,142	0,310
CHR9	6031645	CHR9:6031645	SSF x Far_LoA	-8,09699864	-0,005	0,315
CHR9	6031660	CHR9:6031660	SSF x Far_LoA	-11,0570759	-0,094	0,291
CHR9	6031684	CHR9:6031684	SSF x Far_LoA	-10,8515896	-0,077	0,304
CHR9	6031735	CHR9:6031735	SSF x Far_LoA	-3,90934478	-0,068	0,315
CHR9	6031759	CHR9:6031759	SSF x Far_LoA	-10,0982249	0,075	0,308
CHR9	6031780	CHR9:6031780	SSF x Far_LoA	-7,87383575	-0,074	0,312
CHR9	6031786	CHR9:6031786	SSF x Far_LoA	-8,07475575	-0,038	0,309
CHR9	6048426	CHR9:6048426	SSF x Far_LoA	-6,58313389	0,087	0,307
CHR9	6052869	CHR9:6052869	SSF x Far_LoA	-11,2838127	0,092	0,304
CHR9	6052872	CHR9:6052872	SSF x Far_LoA	-11,3815374	-0,014	0,305
CHR9	6052873	CHR9:6052873	SSF x Far_LoA	-9,65104753	-0,042	0,303
CHR9	6056503	CHR9:6056503	SSF x Far_LoA	-9,09101368	-0,003	0,314

CHR9	6056540	CHR9:6056540	SSF x Far_LoA	-12,2999861	-0,099	0,293
CHR9	6056642	CHR9:6056642	SSF x Far_LoA	-8,26816276	0,068	0,322
CHR9	6056646	CHR9:6056646	SSF x Far_LoA	-9,03668511	0,000	0,313
CHR9	6056652	CHR9:6056652	SSF x Far_LoA	-9,73801116	0,073	0,315
CHR9	6056672	CHR9:6056672	SSF x Far_LoA	-5,84850662	0,140	0,302
CHR9	6056739	CHR9:6056739	SSF x Far_LoA	-10,9051022	-0,043	0,316
CHR9	6058761	CHR9:6058761	SSF x Far_LoA	-5,04716937	0,087	0,304
CHR9	6058767	CHR9:6058767	SSF x Far_LoA	-10,3405239	-0,092	0,298
CHR9	6058843	CHR9:6058843	SSF x Far_LoA	-8,84005489	-0,179	0,298
CHR9	608067	CHR9:608067	SSF x Far_LoA	-9,22481856	0,051	0,316
CHR9	6085472	CHR9:6085472	SSF x Far_LoA	-11,2222414	-0,055	0,300
CHR9	6085686	CHR9:6085686	SSF x Far_LoA	-7,06500601	0,036	0,320
CHR9	609018	CHR9:609018	SSF x Far_LoA	-9,51446799	0,016	0,293
CHR9	609063	CHR9:609063	SSF x Far_LoA	-9,93419563	0,049	0,301
CHR9	6092314	CHR9:6092314	SSF x Far_LoA	-9,14000829	0,037	0,308
CHR9	6092318	CHR9:6092318	SSF x Far_LoA	-9,16466431	0,029	0,310
CHR9	6099296	CHR9:6099296	SSF x Far_LoA	-9,47106477	0,060	0,296
CHR9	6099335	CHR9:6099335	SSF x Far_LoA	-9,17445184	0,135	0,296
CHR9	6099382	CHR9:6099382	SSF x Far_LoA	-9,31483265	0,114	0,301
CHR9	6099393	CHR9:6099393	SSF x Far_LoA	-10,2199603	0,123	0,289
CHR9	6099420	CHR9:6099420	SSF x Far_LoA	4,07048055	-0,046	0,322
CHR9	6099448	CHR9:6099448	SSF x Far_LoA	-9,13854754	-0,038	0,296
CHR9	6099463	CHR9:6099463	SSF x Far_LoA	-7,81011663	0,179	0,306
CHR9	6100990	CHR9:6100990	SSF x Far_LoA	-11,095323	0,029	0,322
CHR9	6113758	CHR9:6113758	SSF x Far_LoA	-9,33444994	0,056	0,303
CHR9	6121119	CHR9:6121119	SSF x Far_LoA	-8,81371327	0,048	0,309
CHR9	6121155	CHR9:6121155	SSF x Far_LoA	-9,599943	0,050	0,311
CHR9	6121158	CHR9:6121158	SSF x Far_LoA	-8,33871206	0,049	0,312
CHR9	6125137	CHR9:6125137	SSF x Far_LoA	-12,2743991	-0,009	0,304
CHR9	6127646	CHR9:6127646	SSF x Far_LoA	-9,14097394	0,047	0,309
CHR9	6127649	CHR9:6127649	SSF x Far_LoA	-9,95430995	-0,001	0,305
CHR9	6127709	CHR9:6127709	SSF x Far_LoA	-11,3391823	0,061	0,306
CHR9	6127811	CHR9:6127811	SSF x Far_LoA	-12,4389747	0,027	0,296
CHR9	6137818	CHR9:6137818	SSF x Far_LoA	-8,9799178	-0,084	0,309
CHR9	6137831	CHR9:6137831	SSF x Far_LoA	-7,89862025	-0,055	0,323
CHR9	6137877	CHR9:6137877	SSF x Far_LoA	-5,91825638	-0,043	0,313
CHR9	6139548	CHR9:6139548	SSF x Far_LoA	-10,4594091	-0,069	0,305
CHR9	6153480	CHR9:6153480	SSF x Far_LoA	-12,5721527	0,017	0,294
CHR9	6153551	CHR9:6153551	SSF x Far_LoA	-10,1692622	0,050	0,289
CHR9	6153578	CHR9:6153578	SSF x Far_LoA	-8,50221283	-0,019	0,292
CHR9	6153800	CHR9:6153800	SSF x Far_LoA	-8,07933397	0,023	0,295
CHR9	6166114	CHR9:6166114	SSF x Far_LoA	-9,48390758	0,024	0,291
CHR9	6166141	CHR9:6166141	SSF x Far_LoA	-7,30052111	0,047	0,318
CHR9	6166178	CHR9:6166178	SSF x Far_LoA	-9,639871	0,015	0,314
CHR9	6169708	CHR9:6169708	SSF x Far_LoA	-9,709167	-0,005	0,282
CHR9	6186861	CHR9:6186861	SSF x Far_LoA	-11,6119879	-0,027	0,317
CHR9	6186873	CHR9:6186873	SSF x Far_LoA	-9,28158202	-0,071	0,317
CHR9	6186886	CHR9:6186886	SSF x Far_LoA	-10,4060635	-0,021	0,315
CHR9	6188625	CHR9:6188625	SSF x Far_LoA	-11,8164018	-0,016	0,296
CHR9	6191577	CHR9:6191577	SSF x Far_LoA	-9,46843492	0,018	0,315
CHR9	6198113	CHR9:6198113	SSF x Far_LoA	-9,0566744	0,003	0,308
CHR9	6198149	CHR9:6198149	SSF x Far_LoA	-9,18674849	0,000	0,316
CHR9	6198157	CHR9:6198157	SSF x Far_LoA	-10,3703444	0,090	0,312

CHR9	6198240	CHR9:6198240	SSF x Far_LoA	-9,59839311	0,002	0,318
CHR9	6200884	CHR9:6200884	SSF x Far_LoA	-10,2354203	-0,063	0,311
CHR9	6201175	CHR9:6201175	SSF x Far_LoA	-9,79672851	0,009	0,287
CHR9	6211292	CHR9:6211292	SSF x Far_LoA	-8,6216617	-0,028	0,312
CHR9	6211981	CHR9:6211981	SSF x Far_LoA	-4,73952935	0,217	0,278
CHR9	6216581	CHR9:6216581	SSF x Far_LoA	-9,38921465	0,107	0,306
CHR9	6216611	CHR9:6216611	SSF x Far_LoA	-9,36622758	-0,030	0,308
CHR9	6219122	CHR9:6219122	SSF x Far_LoA	-9,79753436	0,114	0,300
CHR9	6219168	CHR9:6219168	SSF x Far_LoA	-7,71138094	-0,093	0,300
CHR9	6219170	CHR9:6219170	SSF x Far_LoA	-9,83399166	-0,058	0,317
CHR9	6219239	CHR9:6219239	SSF x Far_LoA	-10,1438395	0,060	0,300
CHR9	623429	CHR9:623429	SSF x Far_LoA	-8,80235581	0,042	0,299
CHR9	6245322	CHR9:6245322	SSF x Far_LoA	-9,92771557	-0,083	0,309
CHR9	6245373	CHR9:6245373	SSF x Far_LoA	-8,17879586	0,114	0,320
CHR9	6245496	CHR9:6245496	SSF x Far_LoA	-8,00691104	-0,014	0,320
CHR9	6251805	CHR9:6251805	SSF x Far_LoA	-10,263547	0,083	0,298
CHR9	6251865	CHR9:6251865	SSF x Far_LoA	-9,90397524	-0,151	0,313
CHR9	6251912	CHR9:6251912	SSF x Far_LoA	-8,55974062	0,079	0,312
CHR9	6252020	CHR9:6252020	SSF x Far_LoA	-9,86275778	0,034	0,306
CHR9	6253423	CHR9:6253423	SSF x Far_LoA	-11,5164607	-0,041	0,311
CHR9	6253424	CHR9:6253424	SSF x Far_LoA	-10,4498669	-0,021	0,307
CHR9	6255656	CHR9:6255656	SSF x Far_LoA	-10,438945	0,034	0,315
CHR9	6255749	CHR9:6255749	SSF x Far_LoA	-9,89211553	0,013	0,310
CHR9	6255755	CHR9:6255755	SSF x Far_LoA	-3,74692058	0,111	0,312
CHR9	6255796	CHR9:6255796	SSF x Far_LoA	-11,9866595	-0,014	0,309
CHR9	6255824	CHR9:6255824	SSF x Far_LoA	-10,4661553	0,012	0,312
CHR9	6255844	CHR9:6255844	SSF x Far_LoA	-3,86815525	-0,185	0,313
CHR9	6260636	CHR9:6260636	SSF x Far_LoA	-7,81751553	-0,132	0,280
CHR9	6260691	CHR9:6260691	SSF x Far_LoA	-11,3748643	0,008	0,303
CHR9	6260696	CHR9:6260696	SSF x Far_LoA	-6,90340494	-0,123	0,310
CHR9	6260796	CHR9:6260796	SSF x Far_LoA	-7,11273354	0,141	0,294
CHR9	6260851	CHR9:6260851	SSF x Far_LoA	-8,46922689	-0,091	0,298
CHR9	6275339	CHR9:6275339	SSF x Far_LoA	-6,52300966	0,028	0,323
CHR9	6288707	CHR9:6288707	SSF x Far_LoA	-7,66703983	-0,089	0,320
CHR9	6297613	CHR9:6297613	SSF x Far_LoA	-9,38520616	0,017	0,304
CHR9	6297672	CHR9:6297672	SSF x Far_LoA	-10,3508409	-0,021	0,314
CHR9	6298318	CHR9:6298318	SSF x Far_LoA	-11,9520719	0,033	0,305
CHR9	6303642	CHR9:6303642	SSF x Far_LoA	-8,7739357	-0,014	0,309
CHR9	6303654	CHR9:6303654	SSF x Far_LoA	-9,91675022	0,000	0,312
CHR9	6320206	CHR9:6320206	SSF x Far_LoA	-9,60234509	0,028	0,317
CHR9	6320215	CHR9:6320215	SSF x Far_LoA	-8,79404064	-0,026	0,313
CHR9	6320250	CHR9:6320250	SSF x Far_LoA	-9,94506139	0,016	0,296
CHR9	6320264	CHR9:6320264	SSF x Far_LoA	-9,85976252	-0,036	0,307
CHR9	6320299	CHR9:6320299	SSF x Far_LoA	-8,27289677	-0,019	0,311
CHR9	6320311	CHR9:6320311	SSF x Far_LoA	-9,7380089	0,030	0,300
CHR9	6320312	CHR9:6320312	SSF x Far_LoA	-8,1072853	-0,013	0,305
CHR9	6320313	CHR9:6320313	SSF x Far_LoA	-9,42004894	-0,039	0,301
CHR9	6320323	CHR9:6320323	SSF x Far_LoA	-10,5217309	0,042	0,303
CHR9	6320415	CHR9:6320415	SSF x Far_LoA	-8,39749914	0,067	0,297
CHR9	6322575	CHR9:6322575	SSF x Far_LoA	-7,5859738	0,008	0,323
CHR9	6322613	CHR9:6322613	SSF x Far_LoA	-8,99658169	-0,016	0,310
CHR9	6332028	CHR9:6332028	SSF x Far_LoA	-9,33568217	0,150	0,287
CHR9	6332597	CHR9:6332597	SSF x Far_LoA	-11,3647207	-0,029	0,300

CHR9	6332627	CHR9:6332627	SSF x Far_LoA	-8,56899247	0,032	0,319
CHR9	6332630	CHR9:6332630	SSF x Far_LoA	-8,91338188	0,009	0,319
CHR9	6360510	CHR9:6360510	SSF x Far_LoA	-12,495497	-0,024	0,294
CHR9	6379355	CHR9:6379355	SSF x Far_LoA	-7,55267302	0,131	0,309
CHR9	6436679	CHR9:6436679	SSF x Far_LoA	-8,61799678	-0,020	0,315
CHR9	6436693	CHR9:6436693	SSF x Far_LoA	-9,90360456	-0,077	0,298
CHR9	6436725	CHR9:6436725	SSF x Far_LoA	-3,66212558	0,108	0,305
CHR9	6436770	CHR9:6436770	SSF x Far_LoA	-8,99281526	0,022	0,314
CHR9	6436940	CHR9:6436940	SSF x Far_LoA	-9,71605672	-0,001	0,315
CHR9	6438051	CHR9:6438051	SSF x Far_LoA	-9,91621033	-0,079	0,298
CHR9	6439114	CHR9:6439114	SSF x Far_LoA	-9,78970334	0,107	0,315
CHR9	6439210	CHR9:6439210	SSF x Far_LoA	-9,43498066	-0,015	0,313
CHR9	6442032	CHR9:6442032	SSF x Far_LoA	-11,6541833	-0,053	0,311
CHR9	6450160	CHR9:6450160	SSF x Far_LoA	-8,93055955	-0,069	0,286
CHR9	6457131	CHR9:6457131	SSF x Far_LoA	-8,29588595	-0,112	0,303
CHR9	6457172	CHR9:6457172	SSF x Far_LoA	-6,1057909	0,087	0,310
CHR9	6457227	CHR9:6457227	SSF x Far_LoA	-6,60536518	-0,012	0,309
CHR9	6470907	CHR9:6470907	SSF x Far_LoA	-8,35468319	-0,031	0,312
CHR9	6470910	CHR9:6470910	SSF x Far_LoA	-3,37680862	0,042	0,320
CHR9	6470922	CHR9:6470922	SSF x Far_LoA	-11,0125637	0,026	0,290
CHR9	6470923	CHR9:6470923	SSF x Far_LoA	-10,9655165	0,010	0,303
CHR9	6471007	CHR9:6471007	SSF x Far_LoA	-8,67751689	-0,018	0,310
CHR9	6471043	CHR9:6471043	SSF x Far_LoA	-8,57588463	-0,105	0,314
CHR9	6471067	CHR9:6471067	SSF x Far_LoA	-9,56457684	0,079	0,311
CHR9	6471112	CHR9:6471112	SSF x Far_LoA	-8,21675497	-0,010	0,303
CHR9	6476038	CHR9:6476038	SSF x Far_LoA	-7,01080422	-0,146	0,306
CHR9	6476046	CHR9:6476046	SSF x Far_LoA	-9,20016055	-0,132	0,292
CHR9	6476056	CHR9:6476056	SSF x Far_LoA	-10,2823569	0,030	0,299
CHR9	6476062	CHR9:6476062	SSF x Far_LoA	-9,2760737	-0,138	0,309
CHR9	6476085	CHR9:6476085	SSF x Far_LoA	-8,8879865	-0,153	0,288
CHR9	6476131	CHR9:6476131	SSF x Far_LoA	-5,78825368	-0,162	0,294
CHR9	6476133	CHR9:6476133	SSF x Far_LoA	-6,7894232	-0,189	0,296
CHR9	6476153	CHR9:6476153	SSF x Far_LoA	-6,2486895	0,152	0,306
CHR9	6488820	CHR9:6488820	SSF x Far_LoA	-10,689702	0,049	0,316
CHR9	6488878	CHR9:6488878	SSF x Far_LoA	-6,13638642	0,173	0,289
CHR9	6488879	CHR9:6488879	SSF x Far_LoA	-7,62060508	-0,055	0,311
CHR9	6488950	CHR9:6488950	SSF x Far_LoA	-8,73386761	0,024	0,299
CHR9	6488993	CHR9:6488993	SSF x Far_LoA	-9,10124976	0,079	0,314
CHR9	6492303	CHR9:6492303	SSF x Far_LoA	-7,34695307	-0,077	0,316
CHR9	6494278	CHR9:6494278	SSF x Far_LoA	-12,2521068	-0,007	0,301
CHR9	6502007	CHR9:6502007	SSF x Far_LoA	-4,44390005	-0,022	0,314
CHR9	6502204	CHR9:6502204	SSF x Far_LoA	-7,47606549	0,112	0,302
CHR9	6502216	CHR9:6502216	SSF x Far_LoA	-6,47513021	0,170	0,300
CHR9	6502331	CHR9:6502331	SSF x Far_LoA	-8,12170692	0,095	0,311
CHR9	6504148	CHR9:6504148	SSF x Far_LoA	-5,90732041	-0,171	0,290
CHR9	6506289	CHR9:6506289	SSF x Far_LoA	-7,4385029	-0,175	0,301
CHR9	6506369	CHR9:6506369	SSF x Far_LoA	-6,11465094	-0,154	0,307
CHR9	6506382	CHR9:6506382	SSF x Far_LoA	-5,44505639	0,198	0,287
CHR9	6506407	CHR9:6506407	SSF x Far_LoA	-9,21757764	-0,035	0,303
CHR9	6509272	CHR9:6509272	SSF x Far_LoA	-11,0778802	0,016	0,326
CHR9	6509285	CHR9:6509285	SSF x Far_LoA	-1,80244386	0,176	0,303
CHR9	6509289	CHR9:6509289	SSF x Far_LoA	-4,45850337	0,218	0,301
CHR9	6509293	CHR9:6509293	SSF x Far_LoA	-3,44280005	0,222	0,301

CHR9	6509429	CHR9:6509429	SSF x Far_LoA	-10,8649744	0,049	0,302
CHR9	6529130	CHR9:6529130	SSF x Far_LoA	-9,27285612	-0,068	0,316
CHR9	6529136	CHR9:6529136	SSF x Far_LoA	-4,73832489	-0,032	0,330
CHR9	6529220	CHR9:6529220	SSF x Far_LoA	-9,67576622	-0,011	0,323
CHR9	6529276	CHR9:6529276	SSF x Far_LoA	-11,1284136	0,064	0,311
CHR9	6529361	CHR9:6529361	SSF x Far_LoA	-10,4192267	0,098	0,293
CHR9	653250	CHR9:653250	SSF x Far_LoA	-7,60913591	-0,061	0,317
CHR9	6541690	CHR9:6541690	SSF x Far_LoA	-10,5722533	-0,048	0,304
CHR9	6541787	CHR9:6541787	SSF x Far_LoA	-10,8612867	0,074	0,295
CHR9	6568063	CHR9:6568063	SSF x Far_LoA	-9,46886071	0,000	0,309
CHR9	6568065	CHR9:6568065	SSF x Far_LoA	-9,6618682	-0,035	0,315
CHR9	6573008	CHR9:6573008	SSF x Far_LoA	-10,5493026	0,150	0,298
CHR9	6573136	CHR9:6573136	SSF x Far_LoA	-9,91494588	0,011	0,309
CHR9	6586975	CHR9:6586975	SSF x Far_LoA	-10,7013405	-0,033	0,298
CHR9	6586981	CHR9:6586981	SSF x Far_LoA	-8,38943184	-0,005	0,301
CHR9	6621047	CHR9:6621047	SSF x Far_LoA	-8,84639733	0,000	0,317
CHR9	6625917	CHR9:6625917	SSF x Far_LoA	-9,43258597	0,048	0,292
CHR9	6625952	CHR9:6625952	SSF x Far_LoA	-9,43360726	0,033	0,301
CHR9	6625957	CHR9:6625957	SSF x Far_LoA	-9,11675315	0,027	0,309
CHR9	6626077	CHR9:6626077	SSF x Far_LoA	-8,5105293	0,015	0,328
CHR9	6639022	CHR9:6639022	SSF x Far_LoA	-11,1834699	-0,008	0,298
CHR9	6639043	CHR9:6639043	SSF x Far_LoA	-10,2375232	0,017	0,300
CHR9	6639117	CHR9:6639117	SSF x Far_LoA	-11,1991773	0,003	0,308
CHR9	6639141	CHR9:6639141	SSF x Far_LoA	-11,5588248	0,054	0,299
CHR9	6639161	CHR9:6639161	SSF x Far_LoA	-9,12075397	0,077	0,296
CHR9	6642970	CHR9:6642970	SSF x Far_LoA	-6,29700314	-0,124	0,297
CHR9	6647689	CHR9:6647689	SSF x Far_LoA	-8,35842973	-0,059	0,309
CHR9	6647794	CHR9:6647794	SSF x Far_LoA	-9,27433883	0,011	0,305
CHR9	6647855	CHR9:6647855	SSF x Far_LoA	-11,16097	-0,004	0,301
CHR9	6647881	CHR9:6647881	SSF x Far_LoA	-10,8065118	0,032	0,291
CHR9	6658457	CHR9:6658457	SSF x Far_LoA	-6,80231496	0,137	0,309
CHR9	6664066	CHR9:6664066	SSF x Far_LoA	-10,0171322	-0,049	0,307
CHR9	6664172	CHR9:6664172	SSF x Far_LoA	-5,01752139	-0,121	0,311
CHR9	6664176	CHR9:6664176	SSF x Far_LoA	-9,05903527	0,038	0,315
CHR9	6664188	CHR9:6664188	SSF x Far_LoA	-7,94945333	0,049	0,325
CHR9	6667479	CHR9:6667479	SSF x Far_LoA	-6,29487971	-0,143	0,310
CHR9	6667498	CHR9:6667498	SSF x Far_LoA	-7,49018559	0,179	0,299
CHR9	6667532	CHR9:6667532	SSF x Far_LoA	-7,81029729	0,018	0,321
CHR9	6673770	CHR9:6673770	SSF x Far_LoA	-9,58371767	-0,017	0,308
CHR9	6673779	CHR9:6673779	SSF x Far_LoA	-11,404474	-0,009	0,314
CHR9	6673862	CHR9:6673862	SSF x Far_LoA	-8,66425489	0,015	0,311
CHR9	6673910	CHR9:6673910	SSF x Far_LoA	-11,3691371	-0,019	0,317
CHR9	6673995	CHR9:6673995	SSF x Far_LoA	-8,66044033	-0,041	0,310
CHR9	6674021	CHR9:6674021	SSF x Far_LoA	-6,63090939	0,090	0,308
CHR9	6674038	CHR9:6674038	SSF x Far_LoA	-8,226579	-0,074	0,310
CHR9	667606	CHR9:667606	SSF x Far_LoA	-10,7528623	0,132	0,308
CHR9	667701	CHR9:667701	SSF x Far_LoA	-10,7223332	0,028	0,293
CHR9	6686735	CHR9:6686735	SSF x Far_LoA	-9,97964849	-0,024	0,311
CHR9	6686772	CHR9:6686772	SSF x Far_LoA	-7,6268577	0,052	0,309
CHR9	6686787	CHR9:6686787	SSF x Far_LoA	-8,68971726	-0,064	0,302
CHR9	6686791	CHR9:6686791	SSF x Far_LoA	-11,0568649	0,034	0,302
CHR9	6686821	CHR9:6686821	SSF x Far_LoA	-12,0823701	0,033	0,300
CHR9	6686847	CHR9:6686847	SSF x Far_LoA	-7,34954032	-0,005	0,324

CHR9	6692511	CHR9:6692511	SSF x Far_LoA	-4,89498594	-0,088	0,311
CHR9	6696412	CHR9:6696412	SSF x Far_LoA	-11,9890744	-0,019	0,316
CHR9	6696437	CHR9:6696437	SSF x Far_LoA	-10,6960322	0,035	0,294
CHR9	6696458	CHR9:6696458	SSF x Far_LoA	-9,81881797	0,043	0,298
CHR9	6734023	CHR9:6734023	SSF x Far_LoA	-9,76658818	0,027	0,300
CHR9	6741465	CHR9:6741465	SSF x Far_LoA	-8,11524479	-0,093	0,315
CHR9	6742006	CHR9:6742006	SSF x Far_LoA	-3,02129618	-0,169	0,304
CHR9	6742033	CHR9:6742033	SSF x Far_LoA	-5,35995798	-0,113	0,319
CHR9	6748223	CHR9:6748223	SSF x Far_LoA	-7,56732157	0,068	0,304
CHR9	6748287	CHR9:6748287	SSF x Far_LoA	-7,52984866	0,135	0,302
CHR9	6750295	CHR9:6750295	SSF x Far_LoA	0,29894073	0,077	0,318
CHR9	6750388	CHR9:6750388	SSF x Far_LoA	-9,18136215	-0,097	0,305
CHR9	6766565	CHR9:6766565	SSF x Far_LoA	-7,89520014	0,022	0,320
CHR9	6775236	CHR9:6775236	SSF x Far_LoA	-10,8440695	0,064	0,304
CHR9	6782413	CHR9:6782413	SSF x Far_LoA	-10,8768993	0,079	0,318
CHR9	6788252	CHR9:6788252	SSF x Far_LoA	-9,37534101	0,048	0,312
CHR9	6788329	CHR9:6788329	SSF x Far_LoA	-7,63340508	0,080	0,301
CHR9	6798219	CHR9:6798219	SSF x Far_LoA	-8,46278086	0,061	0,297
CHR9	6798223	CHR9:6798223	SSF x Far_LoA	-11,4786616	-0,025	0,310
CHR9	6798236	CHR9:6798236	SSF x Far_LoA	-7,76717571	0,105	0,300
CHR9	6798336	CHR9:6798336	SSF x Far_LoA	-5,32781028	-0,092	0,325
CHR9	6798443	CHR9:6798443	SSF x Far_LoA	-9,85206922	-0,026	0,304
CHR9	6798444	CHR9:6798444	SSF x Far_LoA	-9,26067109	0,007	0,323
CHR9	6801411	CHR9:6801411	SSF x Far_LoA	-11,7647058	0,013	0,311
CHR9	6801513	CHR9:6801513	SSF x Far_LoA	-7,49370397	0,030	0,307
CHR9	6802660	CHR9:6802660	SSF x Far_LoA	-8,22367755	-0,039	0,313
CHR9	6802739	CHR9:6802739	SSF x Far_LoA	-10,4684265	-0,096	0,297
CHR9	6802838	CHR9:6802838	SSF x Far_LoA	-10,8262436	0,044	0,307
CHR9	6802999	CHR9:6802999	SSF x Far_LoA	-11,9230789	0,036	0,303
CHR9	6813289	CHR9:6813289	SSF x Far_LoA	-11,4233755	0,061	0,306
CHR9	6821582	CHR9:6821582	SSF x Far_LoA	-9,93899447	-0,131	0,312
CHR9	6821638	CHR9:6821638	SSF x Far_LoA	-9,80659282	0,004	0,314
CHR9	6821646	CHR9:6821646	SSF x Far_LoA	-9,18210199	-0,137	0,294
CHR9	6821649	CHR9:6821649	SSF x Far_LoA	-6,40436892	0,043	0,316
CHR9	6821653	CHR9:6821653	SSF x Far_LoA	-8,22743257	0,015	0,310
CHR9	6821674	CHR9:6821674	SSF x Far_LoA	-7,96604986	0,009	0,324
CHR9	6821680	CHR9:6821680	SSF x Far_LoA	-8,13582634	-0,167	0,304
CHR9	6821693	CHR9:6821693	SSF x Far_LoA	-10,4062816	0,065	0,299
CHR9	6831281	CHR9:6831281	SSF x Far_LoA	-9,01709912	0,104	0,296
CHR9	6833222	CHR9:6833222	SSF x Far_LoA	-9,89299551	-0,037	0,309
CHR9	6833227	CHR9:6833227	SSF x Far_LoA	-6,78112448	-0,152	0,301
CHR9	6833240	CHR9:6833240	SSF x Far_LoA	-11,5481672	-0,045	0,283
CHR9	6833315	CHR9:6833315	SSF x Far_LoA	-9,40586089	0,010	0,297
CHR9	6833317	CHR9:6833317	SSF x Far_LoA	-9,77349411	0,064	0,308
CHR9	6833406	CHR9:6833406	SSF x Far_LoA	-7,80899281	-0,017	0,305
CHR9	684435	CHR9:684435	SSF x Far_LoA	-7,69248402	0,054	0,308
CHR9	684472	CHR9:684472	SSF x Far_LoA	-9,36450175	-0,067	0,306
CHR9	6846128	CHR9:6846128	SSF x Far_LoA	-10,179941	-0,072	0,307
CHR9	6846202	CHR9:6846202	SSF x Far_LoA	-10,4577749	-0,068	0,299
CHR9	6846463	CHR9:6846463	SSF x Far_LoA	-7,38523212	-0,060	0,308
CHR9	685944	CHR9:685944	SSF x Far_LoA	-9,85251606	-0,063	0,301
CHR9	6863735	CHR9:6863735	SSF x Far_LoA	-9,32111477	-0,040	0,303
CHR9	6863750	CHR9:6863750	SSF x Far_LoA	-6,39705262	-0,117	0,322

CHR9	6878388	CHR9:6878388	SSF x Far_LoA	-11,9912761	-0,037	0,304
CHR9	6878405	CHR9:6878405	SSF x Far_LoA	-9,84640852	0,008	0,304
CHR9	6878443	CHR9:6878443	SSF x Far_LoA	-9,25109158	-0,007	0,314
CHR9	6891612	CHR9:6891612	SSF x Far_LoA	-10,840082	-0,023	0,322
CHR9	6891621	CHR9:6891621	SSF x Far_LoA	-8,86905877	-0,055	0,319
CHR9	6891664	CHR9:6891664	SSF x Far_LoA	-10,0160684	0,011	0,304
CHR9	6913492	CHR9:6913492	SSF x Far_LoA	-10,2461606	0,130	0,301
CHR9	6913500	CHR9:6913500	SSF x Far_LoA	-8,90703366	0,054	0,301
CHR9	6913537	CHR9:6913537	SSF x Far_LoA	-11,9891509	-0,050	0,304
CHR9	6913641	CHR9:6913641	SSF x Far_LoA	-6,40171257	0,137	0,307
CHR9	6913655	CHR9:6913655	SSF x Far_LoA	-11,4192059	0,095	0,307
CHR9	6918012	CHR9:6918012	SSF x Far_LoA	-9,80934678	0,003	0,307
CHR9	6918236	CHR9:6918236	SSF x Far_LoA	-8,83702152	-0,109	0,307
CHR9	6924644	CHR9:6924644	SSF x Far_LoA	-9,55049317	-0,024	0,318
CHR9	6924678	CHR9:6924678	SSF x Far_LoA	-10,0342026	-0,072	0,304
CHR9	693144	CHR9:693144	SSF x Far_LoA	-10,9244356	0,073	0,306
CHR9	693372	CHR9:693372	SSF x Far_LoA	-11,0821363	-0,056	0,308
CHR9	693450	CHR9:693450	SSF x Far_LoA	-4,56137661	-0,134	0,304
CHR9	6935251	CHR9:6935251	SSF x Far_LoA	-8,98440429	0,087	0,294
CHR9	6935285	CHR9:6935285	SSF x Far_LoA	-7,77846582	-0,012	0,317
CHR9	6936595	CHR9:6936595	SSF x Far_LoA	-10,2292326	-0,036	0,316
CHR9	6943876	CHR9:6943876	SSF x Far_LoA	-10,039999	-0,067	0,300
CHR9	6943900	CHR9:6943900	SSF x Far_LoA	-1,98026539	0,015	0,318
CHR9	6943922	CHR9:6943922	SSF x Far_LoA	-9,67332296	-0,113	0,297
CHR9	6945624	CHR9:6945624	SSF x Far_LoA	-10,3393119	-0,017	0,304
CHR9	6945686	CHR9:6945686	SSF x Far_LoA	12,3381554	-0,177	0,299
CHR9	6945688	CHR9:6945688	SSF x Far_LoA	-11,2367406	-0,022	0,308
CHR9	6945815	CHR9:6945815	SSF x Far_LoA	-9,62416516	0,046	0,303
CHR9	6945818	CHR9:6945818	SSF x Far_LoA	-6,5395336	0,089	0,290
CHR9	6961607	CHR9:6961607	SSF x Far_LoA	-8,40973781	-0,073	0,314
CHR9	6961653	CHR9:6961653	SSF x Far_LoA	-6,32002793	0,143	0,304
CHR9	6967650	CHR9:6967650	SSF x Far_LoA	-10,4271538	-0,013	0,315
CHR9	6973372	CHR9:6973372	SSF x Far_LoA	-10,3663416	-0,086	0,306
CHR9	6973832	CHR9:6973832	SSF x Far_LoA	-10,4463137	0,067	0,314
CHR9	6975510	CHR9:6975510	SSF x Far_LoA	-9,79452116	0,044	0,287
CHR9	6975886	CHR9:6975886	SSF x Far_LoA	-11,1989164	-0,073	0,318
CHR9	6975902	CHR9:6975902	SSF x Far_LoA	-12,0258518	-0,053	0,307
CHR9	6982050	CHR9:6982050	SSF x Far_LoA	-4,9131668	-0,020	0,328
CHR9	6982287	CHR9:6982287	SSF x Far_LoA	-9,17108824	-0,058	0,292
CHR9	6986446	CHR9:6986446	SSF x Far_LoA	-11,236922	-0,053	0,307
CHR9	6986540	CHR9:6986540	SSF x Far_LoA	-7,48637308	0,109	0,293
CHR9	6986596	CHR9:6986596	SSF x Far_LoA	-7,71284093	-0,050	0,311
CHR9	6986713	CHR9:6986713	SSF x Far_LoA	-9,02479543	-0,039	0,320
CHR9	6989492	CHR9:6989492	SSF x Far_LoA	-8,4160382	-0,089	0,321
CHR9	6989538	CHR9:6989538	SSF x Far_LoA	-11,1127723	0,016	0,298
CHR9	6989578	CHR9:6989578	SSF x Far_LoA	-8,43811737	0,049	0,311
CHR9	6989596	CHR9:6989596	SSF x Far_LoA	-11,2381522	-0,087	0,305
CHR9	6989630	CHR9:6989630	SSF x Far_LoA	-11,4554393	0,111	0,303
CHR9	6991281	CHR9:6991281	SSF x Far_LoA	-9,36570129	-0,081	0,289
CHR9	6991501	CHR9:6991501	SSF x Far_LoA	-9,38523007	0,055	0,308
CHR9	6998552	CHR9:6998552	SSF x Far_LoA	-7,13141501	0,135	0,299
CHR9	6998576	CHR9:6998576	SSF x Far_LoA	-9,21405565	-0,015	0,305
CHR9	6998652	CHR9:6998652	SSF x Far_LoA	-8,49966927	0,003	0,309

CHR9	6998702	CHR9:6998702	SSF x Far_LoA	-7,26311816	0,132	0,296
CHR9	7005898	CHR9:7005898	SSF x Far_LoA	-8,77341825	-0,009	0,313
CHR9	7009362	CHR9:7009362	SSF x Far_LoA	0,16135101	-0,032	0,313
CHR9	7009430	CHR9:7009430	SSF x Far_LoA	-10,2053422	0,098	0,301
CHR9	7009487	CHR9:7009487	SSF x Far_LoA	-2,86676372	-0,145	0,320
CHR9	7009509	CHR9:7009509	SSF x Far_LoA	-6,50392965	-0,143	0,302
CHR9	7009590	CHR9:7009590	SSF x Far_LoA	-4,34827009	0,109	0,302
CHR9	7023915	CHR9:7023915	SSF x Far_LoA	-8,44906541	-0,047	0,319
CHR9	7023938	CHR9:7023938	SSF x Far_LoA	-11,2585907	0,021	0,308
CHR9	7028819	CHR9:7028819	SSF x Far_LoA	-10,4763889	0,049	0,304
CHR9	7029987	CHR9:7029987	SSF x Far_LoA	-11,140679	-0,058	0,295
CHR9	7054376	CHR9:7054376	SSF x Far_LoA	-9,32311922	0,054	0,303
CHR9	7054504	CHR9:7054504	SSF x Far_LoA	10,3523565	0,109	0,303
CHR9	7054544	CHR9:7054544	SSF x Far_LoA	-7,34518853	0,176	0,303
CHR9	7054598	CHR9:7054598	SSF x Far_LoA	-9,56783837	-0,032	0,305
CHR9	7056795	CHR9:7056795	SSF x Far_LoA	-9,46353791	-0,108	0,327
CHR9	7056824	CHR9:7056824	SSF x Far_LoA	-9,77079046	-0,034	0,309
CHR9	7056930	CHR9:7056930	SSF x Far_LoA	-9,67922957	0,017	0,315
CHR9	7056949	CHR9:7056949	SSF x Far_LoA	-10,0633025	0,013	0,299
CHR9	7062589	CHR9:7062589	SSF x Far_LoA	-9,65338802	-0,004	0,319
CHR9	7062644	CHR9:7062644	SSF x Far_LoA	-9,53339879	-0,058	0,307
CHR9	7062646	CHR9:7062646	SSF x Far_LoA	-11,1908956	0,099	0,301
CHR9	7062662	CHR9:7062662	SSF x Far_LoA	-7,70366967	0,072	0,319
CHR9	7062767	CHR9:7062767	SSF x Far_LoA	-8,98691246	0,035	0,304
CHR9	7065412	CHR9:7065412	SSF x Far_LoA	-8,05733133	-0,051	0,306
CHR9	7065437	CHR9:7065437	SSF x Far_LoA	-6,63554378	-0,031	0,306
CHR9	7065471	CHR9:7065471	SSF x Far_LoA	-11,3369372	-0,058	0,306
CHR9	7065496	CHR9:7065496	SSF x Far_LoA	-8,99870362	0,050	0,304
CHR9	7065500	CHR9:7065500	SSF x Far_LoA	-9,07590156	-0,058	0,293
CHR9	7065643	CHR9:7065643	SSF x Far_LoA	-8,07538869	-0,040	0,296
CHR9	7071579	CHR9:7071579	SSF x Far_LoA	-9,32978855	-0,083	0,307
CHR9	7072456	CHR9:7072456	SSF x Far_LoA	-10,5830532	-0,024	0,291
CHR9	7072489	CHR9:7072489	SSF x Far_LoA	-9,94404842	-0,038	0,309
CHR9	7088428	CHR9:7088428	SSF x Far_LoA	-9,25105069	0,024	0,320
CHR9	7088546	CHR9:7088546	SSF x Far_LoA	-9,13970716	-0,049	0,297
CHR9	7098802	CHR9:7098802	SSF x Far_LoA	-9,47591952	-0,063	0,324
CHR9	7117844	CHR9:7117844	SSF x Far_LoA	-8,03837368	-0,098	0,310
CHR9	7118052	CHR9:7118052	SSF x Far_LoA	-9,37054495	0,048	0,293
CHR9	7118058	CHR9:7118058	SSF x Far_LoA	-7,26190691	0,060	0,292
CHR9	7129385	CHR9:7129385	SSF x Far_LoA	-7,54890251	0,082	0,310
CHR9	7129614	CHR9:7129614	SSF x Far_LoA	-8,56657658	-0,040	0,318
CHR9	7129721	CHR9:7129721	SSF x Far_LoA	-11,1648291	0,040	0,310
CHR9	7149458	CHR9:7149458	SSF x Far_LoA	-7,99574032	0,008	0,309
CHR9	7149480	CHR9:7149480	SSF x Far_LoA	-9,39453805	-0,005	0,310
CHR9	7149535	CHR9:7149535	SSF x Far_LoA	-8,75855992	-0,048	0,304
CHR9	7149551	CHR9:7149551	SSF x Far_LoA	0,40050396	-0,204	0,290
CHR9	7149582	CHR9:7149582	SSF x Far_LoA	-11,7146137	-0,037	0,286
CHR9	7149933	CHR9:7149933	SSF x Far_LoA	-7,44571332	0,035	0,313
CHR9	7156933	CHR9:7156933	SSF x Far_LoA	-6,9643254	-0,123	0,303
CHR9	7156946	CHR9:7156946	SSF x Far_LoA	-7,25719097	-0,089	0,299
CHR9	7157064	CHR9:7157064	SSF x Far_LoA	-6,16935602	0,046	0,317
CHR9	7161236	CHR9:7161236	SSF x Far_LoA	-8,97832357	0,089	0,303
CHR9	7161404	CHR9:7161404	SSF x Far_LoA	-12,0704228	-0,034	0,305

CHR9	7164803	CHR9:7164803	SSF x Far_LoA	-7,27715473	0,155	0,299
CHR9	7164813	CHR9:7164813	SSF x Far_LoA	-11,8144831	0,092	0,305
CHR9	7164833	CHR9:7164833	SSF x Far_LoA	-9,38571024	0,126	0,307
CHR9	7164835	CHR9:7164835	SSF x Far_LoA	-3,34204151	0,252	0,288
CHR9	7164901	CHR9:7164901	SSF x Far_LoA	-9,57982354	-0,047	0,304
CHR9	7164913	CHR9:7164913	SSF x Far_LoA	-8,78341396	-0,019	0,317
CHR9	7164925	CHR9:7164925	SSF x Far_LoA	-11,2987087	0,039	0,307
CHR9	7165166	CHR9:7165166	SSF x Far_LoA	-10,6111584	0,038	0,309
CHR9	7177644	CHR9:7177644	SSF x Far_LoA	-7,70706113	-0,113	0,303
CHR9	7177934	CHR9:7177934	SSF x Far_LoA	-9,03131395	-0,030	0,310
CHR9	7179428	CHR9:7179428	SSF x Far_LoA	-9,07484157	0,096	0,301
CHR9	7184379	CHR9:7184379	SSF x Far_LoA	-10,0268778	0,055	0,302
CHR9	7184418	CHR9:7184418	SSF x Far_LoA	-7,45306648	0,106	0,289
CHR9	7184431	CHR9:7184431	SSF x Far_LoA	-8,84670479	-0,104	0,312
CHR9	7184432	CHR9:7184432	SSF x Far_LoA	-9,03318244	-0,138	0,302
CHR9	7184433	CHR9:7184433	SSF x Far_LoA	-9,85623549	-0,094	0,305
CHR9	7184436	CHR9:7184436	SSF x Far_LoA	-8,8540064	-0,096	0,305
CHR9	7184451	CHR9:7184451	SSF x Far_LoA	-9,71910353	0,152	0,297
CHR9	7184500	CHR9:7184500	SSF x Far_LoA	-10,9527578	0,011	0,315
CHR9	7184501	CHR9:7184501	SSF x Far_LoA	-8,87493575	0,021	0,315
CHR9	7184510	CHR9:7184510	SSF x Far_LoA	-10,0226536	0,074	0,300
CHR9	7184516	CHR9:7184516	SSF x Far_LoA	-7,08724223	0,103	0,319
CHR9	7184525	CHR9:7184525	SSF x Far_LoA	-10,1718296	0,079	0,296
CHR9	7184526	CHR9:7184526	SSF x Far_LoA	-10,3002708	0,061	0,312
CHR9	7184530	CHR9:7184530	SSF x Far_LoA	-7,9163388	-0,039	0,294
CHR9	7184544	CHR9:7184544	SSF x Far_LoA	-8,59447029	-0,047	0,306
CHR9	7184552	CHR9:7184552	SSF x Far_LoA	-7,09026176	0,010	0,310
CHR9	7184562	CHR9:7184562	SSF x Far_LoA	-8,29332584	-0,067	0,294
CHR9	7184598	CHR9:7184598	SSF x Far_LoA	-8,4436918	0,024	0,300
CHR9	7185408	CHR9:7185408	SSF x Far_LoA	-3,70197952	-0,183	0,290
CHR9	7185433	CHR9:7185433	SSF x Far_LoA	-8,62412522	0,076	0,306
CHR9	7185455	CHR9:7185455	SSF x Far_LoA	-6,73562861	0,152	0,300
CHR9	7185493	CHR9:7185493	SSF x Far_LoA	-10,5166195	0,058	0,307
CHR9	7194317	CHR9:7194317	SSF x Far_LoA	-10,4095417	-0,088	0,308
CHR9	7194397	CHR9:7194397	SSF x Far_LoA	-10,2893427	0,006	0,294
CHR9	7194815	CHR9:7194815	SSF x Far_LoA	-10,0037562	-0,060	0,313
CHR9	7194877	CHR9:7194877	SSF x Far_LoA	-8,15651055	-0,121	0,305
CHR9	7194915	CHR9:7194915	SSF x Far_LoA	-11,567055	-0,021	0,304
CHR9	7194919	CHR9:7194919	SSF x Far_LoA	-12,2230146	-0,011	0,305
CHR9	7206063	CHR9:7206063	SSF x Far_LoA	-7,94372984	-0,043	0,317
CHR9	721001	CHR9:721001	SSF x Far_LoA	-10,8664945	0,097	0,290
CHR9	721087	CHR9:721087	SSF x Far_LoA	-7,72425659	0,137	0,298
CHR9	7218105	CHR9:7218105	SSF x Far_LoA	-9,45092467	-0,141	0,296
CHR9	7218110	CHR9:7218110	SSF x Far_LoA	-8,58223732	-0,012	0,305
CHR9	7218330	CHR9:7218330	SSF x Far_LoA	-8,08856943	0,054	0,317
CHR9	7218356	CHR9:7218356	SSF x Far_LoA	-4,02414633	-0,168	0,295
CHR9	7219917	CHR9:7219917	SSF x Far_LoA	-9,95644422	-0,034	0,307
CHR9	722216	CHR9:722216	SSF x Far_LoA	-9,02072491	-0,034	0,304
CHR9	7226163	CHR9:7226163	SSF x Far_LoA	-11,8664619	-0,015	0,306
CHR9	7226175	CHR9:7226175	SSF x Far_LoA	-8,50030088	-0,129	0,301
CHR9	7229928	CHR9:7229928	SSF x Far_LoA	-9,43163087	-0,020	0,311
CHR9	7230032	CHR9:7230032	SSF x Far_LoA	-6,44271038	-0,009	0,319
CHR9	7230052	CHR9:7230052	SSF x Far_LoA	-9,68128307	-0,150	0,306

CHR9	7234403	CHR9:7234403	SSF x Far_LoA	-10,5684638	0,008	0,299
CHR9	7241165	CHR9:7241165	SSF x Far_LoA	-4,99035813	0,034	0,294
CHR9	7241203	CHR9:7241203	SSF x Far_LoA	-12,0157354	-0,076	0,281
CHR9	7242903	CHR9:7242903	SSF x Far_LoA	-10,8420842	0,045	0,297
CHR9	7243002	CHR9:7243002	SSF x Far_LoA	-11,9170054	0,001	0,307
CHR9	7243009	CHR9:7243009	SSF x Far_LoA	-11,5364557	0,003	0,303
CHR9	7249964	CHR9:7249964	SSF x Far_LoA	-7,16833485	0,101	0,304
CHR9	7250100	CHR9:7250100	SSF x Far_LoA	-2,36076727	0,143	0,307
CHR9	7250180	CHR9:7250180	SSF x Far_LoA	-7,76734115	0,124	0,295
CHR9	7251160	CHR9:7251160	SSF x Far_LoA	-10,1106972	0,034	0,310
CHR9	7251181	CHR9:7251181	SSF x Far_LoA	-11,2378314	-0,010	0,314
CHR9	7252735	CHR9:7252735	SSF x Far_LoA	-9,25357197	-0,097	0,316
CHR9	7252910	CHR9:7252910	SSF x Far_LoA	-8,90438823	-0,117	0,304
CHR9	7270053	CHR9:7270053	SSF x Far_LoA	-9,74447462	-0,002	0,303
CHR9	7270246	CHR9:7270246	SSF x Far_LoA	-9,95574982	-0,055	0,312
CHR9	7270286	CHR9:7270286	SSF x Far_LoA	-9,03300716	0,004	0,308
CHR9	7277780	CHR9:7277780	SSF x Far_LoA	-8,21009731	-0,140	0,310
CHR9	7277781	CHR9:7277781	SSF x Far_LoA	-6,96928837	0,169	0,301
CHR9	7277784	CHR9:7277784	SSF x Far_LoA	-10,2109443	-0,054	0,294
CHR9	7277822	CHR9:7277822	SSF x Far_LoA	-11,6079959	0,006	0,301
CHR9	7277910	CHR9:7277910	SSF x Far_LoA	-7,22028011	0,042	0,309
CHR9	7278049	CHR9:7278049	SSF x Far_LoA	-10,8222769	0,088	0,319
CHR9	7286786	CHR9:7286786	SSF x Far_LoA	-8,02486081	-0,051	0,317
CHR9	728856	CHR9:728856	SSF x Far_LoA	-9,52594379	-0,127	0,298
CHR9	728859	CHR9:728859	SSF x Far_LoA	-8,93652432	-0,027	0,293
CHR9	7290458	CHR9:7290458	SSF x Far_LoA	-7,24397975	0,074	0,319
CHR9	7290500	CHR9:7290500	SSF x Far_LoA	-9,8630717	0,017	0,303
CHR9	7290599	CHR9:7290599	SSF x Far_LoA	-9,62620235	-0,039	0,309
CHR9	7290608	CHR9:7290608	SSF x Far_LoA	-5,30171416	-0,037	0,308
CHR9	7300047	CHR9:7300047	SSF x Far_LoA	-11,9423159	0,010	0,306
CHR9	7300065	CHR9:7300065	SSF x Far_LoA	-8,08422205	-0,128	0,295
CHR9	7300069	CHR9:7300069	SSF x Far_LoA	-7,64827807	-0,116	0,291
CHR9	7300101	CHR9:7300101	SSF x Far_LoA	-9,95759862	-0,035	0,312
CHR9	7319687	CHR9:7319687	SSF x Far_LoA	-7,3084723	-0,136	0,300
CHR9	7319823	CHR9:7319823	SSF x Far_LoA	-8,64270288	-0,070	0,325
CHR9	7319870	CHR9:7319870	SSF x Far_LoA	-7,66968928	-0,061	0,305
CHR9	7323636	CHR9:7323636	SSF x Far_LoA	-4,92648306	-0,198	0,288
CHR9	7323674	CHR9:7323674	SSF x Far_LoA	-9,93592301	-0,093	0,307
CHR9	7323761	CHR9:7323761	SSF x Far_LoA	-7,59562344	0,114	0,316
CHR9	7323822	CHR9:7323822	SSF x Far_LoA	-11,1962233	-0,042	0,311
CHR9	7353769	CHR9:7353769	SSF x Far_LoA	-10,3703695	0,017	0,292
CHR9	7353820	CHR9:7353820	SSF x Far_LoA	-6,95437466	-0,159	0,306
CHR9	7353832	CHR9:7353832	SSF x Far_LoA	-10,7672865	-0,020	0,298
CHR9	7354837	CHR9:7354837	SSF x Far_LoA	-6,06422954	-0,119	0,300
CHR9	7356626	CHR9:7356626	SSF x Far_LoA	-9,4572973	0,110	0,286
CHR9	7362581	CHR9:7362581	SSF x Far_LoA	-9,44158276	-0,025	0,294
CHR9	7362614	CHR9:7362614	SSF x Far_LoA	-10,6371097	0,059	0,308
CHR9	7392377	CHR9:7392377	SSF x Far_LoA	-10,4937783	0,100	0,302
CHR9	7392435	CHR9:7392435	SSF x Far_LoA	-9,50542928	0,104	0,311
CHR9	7392439	CHR9:7392439	SSF x Far_LoA	-10,1200439	-0,098	0,311
CHR9	7397006	CHR9:7397006	SSF x Far_LoA	-6,66058692	-0,162	0,290
CHR9	7397104	CHR9:7397104	SSF x Far_LoA	-9,09199643	0,128	0,298
CHR9	7397162	CHR9:7397162	SSF x Far_LoA	-9,35567925	0,168	0,301

CHR9	7397213	CHR9:7397213	SSF x Far_LoA	-8,57003535	-0,118	0,285
CHR9	7413343	CHR9:7413343	SSF x Far_LoA	-10,2291972	0,005	0,299
CHR9	7413372	CHR9:7413372	SSF x Far_LoA	-7,66943144	-0,056	0,310
CHR9	7413395	CHR9:7413395	SSF x Far_LoA	-9,95731218	0,118	0,302
CHR9	7413438	CHR9:7413438	SSF x Far_LoA	-11,6996099	0,034	0,298
CHR9	7413466	CHR9:7413466	SSF x Far_LoA	-10,6160256	0,119	0,296
CHR9	7416518	CHR9:7416518	SSF x Far_LoA	-3,96902678	-0,120	0,309
CHR9	7416542	CHR9:7416542	SSF x Far_LoA	-11,57379	-0,054	0,297
CHR9	7416560	CHR9:7416560	SSF x Far_LoA	-10,5947869	-0,063	0,302
CHR9	7416567	CHR9:7416567	SSF x Far_LoA	-9,75957959	-0,033	0,312
CHR9	7421786	CHR9:7421786	SSF x Far_LoA	-10,5795211	-0,085	0,308
CHR9	7421793	CHR9:7421793	SSF x Far_LoA	-9,20003205	-0,086	0,305
CHR9	7422752	CHR9:7422752	SSF x Far_LoA	-8,31019755	0,023	0,328
CHR9	7422769	CHR9:7422769	SSF x Far_LoA	-9,67959089	-0,005	0,307
CHR9	7423123	CHR9:7423123	SSF x Far_LoA	-10,4610788	-0,117	0,309
CHR9	7423253	CHR9:7423253	SSF x Far_LoA	-9,44411816	0,016	0,300
CHR9	7436018	CHR9:7436018	SSF x Far_LoA	-4,80663849	0,099	0,307
CHR9	7439266	CHR9:7439266	SSF x Far_LoA	-9,29199596	-0,004	0,308
CHR9	7439318	CHR9:7439318	SSF x Far_LoA	-6,79672664	-0,053	0,310
CHR9	7439397	CHR9:7439397	SSF x Far_LoA	-7,30889716	-0,178	0,290
CHR9	7439425	CHR9:7439425	SSF x Far_LoA	-9,33996983	-0,117	0,299
CHR9	7439435	CHR9:7439435	SSF x Far_LoA	-9,31015386	-0,002	0,299
CHR9	7471084	CHR9:7471084	SSF x Far_LoA	-7,77645389	-0,044	0,314
CHR9	7471166	CHR9:7471166	SSF x Far_LoA	-9,46860538	-0,138	0,321
CHR9	7471237	CHR9:7471237	SSF x Far_LoA	-7,92372497	0,090	0,303
CHR9	7471283	CHR9:7471283	SSF x Far_LoA	-5,85230288	-0,072	0,296
CHR9	7474098	CHR9:7474098	SSF x Far_LoA	-8,0299839	0,062	0,311
CHR9	7474178	CHR9:7474178	SSF x Far_LoA	-8,6458708	0,162	0,300
CHR9	7482079	CHR9:7482079	SSF x Far_LoA	-8,60468306	-0,059	0,312
CHR9	7482099	CHR9:7482099	SSF x Far_LoA	-7,68568393	0,080	0,310
CHR9	7482176	CHR9:7482176	SSF x Far_LoA	-5,00200549	0,037	0,313
CHR9	7482196	CHR9:7482196	SSF x Far_LoA	-9,75236112	0,042	0,312
CHR9	7482227	CHR9:7482227	SSF x Far_LoA	-9,94259086	-0,070	0,307
CHR9	7484241	CHR9:7484241	SSF x Far_LoA	-9,43117509	-0,020	0,298
CHR9	7484246	CHR9:7484246	SSF x Far_LoA	-11,4663005	-0,009	0,313
CHR9	7484361	CHR9:7484361	SSF x Far_LoA	-10,4698875	0,026	0,306
CHR9	7484365	CHR9:7484365	SSF x Far_LoA	-10,7228726	0,056	0,297
CHR9	7484379	CHR9:7484379	SSF x Far_LoA	-10,1032168	-0,083	0,313
CHR9	7488458	CHR9:7488458	SSF x Far_LoA	-9,16413836	-0,080	0,302
CHR9	7488572	CHR9:7488572	SSF x Far_LoA	-7,1926037	0,131	0,297
CHR9	7488591	CHR9:7488591	SSF x Far_LoA	-10,64962	-0,041	0,311
CHR9	7493232	CHR9:7493232	SSF x Far_LoA	-5,64707235	0,118	0,289
CHR9	7493273	CHR9:7493273	SSF x Far_LoA	2,06805288	0,206	0,305
CHR9	7493451	CHR9:7493451	SSF x Far_LoA	-8,48050274	-0,084	0,296
CHR9	7497690	CHR9:7497690	SSF x Far_LoA	-9,8895155	0,047	0,305
CHR9	7503253	CHR9:7503253	SSF x Far_LoA	-7,14498482	-0,181	0,304
CHR9	7504045	CHR9:7504045	SSF x Far_LoA	-3,52903225	0,054	0,302
CHR9	7520778	CHR9:7520778	SSF x Far_LoA	-10,3723507	0,093	0,300
CHR9	7520980	CHR9:7520980	SSF x Far_LoA	-10,1983298	0,032	0,319
CHR9	7521016	CHR9:7521016	SSF x Far_LoA	-11,7369554	0,015	0,305
CHR9	7523829	CHR9:7523829	SSF x Far_LoA	-11,8802489	0,064	0,302
CHR9	7524143	CHR9:7524143	SSF x Far_LoA	-11,1270889	0,040	0,299
CHR9	7524207	CHR9:7524207	SSF x Far_LoA	-9,5730892	-0,159	0,303

CHR9	7533377	CHR9:7533377	SSF x Far_LoA	-10,1716704	0,029	0,294
CHR9	7533448	CHR9:7533448	SSF x Far_LoA	-9,14064987	0,088	0,311
CHR9	7533566	CHR9:7533566	SSF x Far_LoA	-10,8419611	0,089	0,305
CHR9	7533733	CHR9:7533733	SSF x Far_LoA	-10,2986891	0,110	0,292
CHR9	7544342	CHR9:7544342	SSF x Far_LoA	-11,2006764	0,087	0,307
CHR9	7544384	CHR9:7544384	SSF x Far_LoA	-11,5116921	-0,055	0,301
CHR9	7544394	CHR9:7544394	SSF x Far_LoA	-9,30483256	-0,002	0,306
CHR9	7544455	CHR9:7544455	SSF x Far_LoA	-8,46075916	0,101	0,292
CHR9	7549653	CHR9:7549653	SSF x Far_LoA	-7,00456566	0,012	0,315
CHR9	7549689	CHR9:7549689	SSF x Far_LoA	-8,08490273	0,033	0,308
CHR9	7549698	CHR9:7549698	SSF x Far_LoA	-7,57648846	0,048	0,314
CHR9	7549708	CHR9:7549708	SSF x Far_LoA	-10,0493957	-0,063	0,315
CHR9	7549749	CHR9:7549749	SSF x Far_LoA	-8,0744045	-0,082	0,301
CHR9	7549818	CHR9:7549818	SSF x Far_LoA	-11,9474919	0,024	0,300
CHR9	7549852	CHR9:7549852	SSF x Far_LoA	-6,63574004	-0,084	0,314
CHR9	7549862	CHR9:7549862	SSF x Far_LoA	-4,74763268	-0,029	0,297
CHR9	7549875	CHR9:7549875	SSF x Far_LoA	-9,05503145	0,054	0,310
CHR9	7557513	CHR9:7557513	SSF x Far_LoA	-7,11506984	0,074	0,304
CHR9	7558879	CHR9:7558879	SSF x Far_LoA	-9,15787081	0,006	0,301
CHR9	7558883	CHR9:7558883	SSF x Far_LoA	-11,0007219	-0,100	0,299
CHR9	7558889	CHR9:7558889	SSF x Far_LoA	-9,94610027	-0,029	0,302
CHR9	7558914	CHR9:7558914	SSF x Far_LoA	-8,34698385	-0,115	0,308
CHR9	7558956	CHR9:7558956	SSF x Far_LoA	-7,68608406	0,029	0,301
CHR9	7559002	CHR9:7559002	SSF x Far_LoA	-8,54405799	-0,091	0,306
CHR9	7561258	CHR9:7561258	SSF x Far_LoA	-9,82781583	0,120	0,281
CHR9	7561413	CHR9:7561413	SSF x Far_LoA	-9,22822632	0,080	0,303
CHR9	7561540	CHR9:7561540	SSF x Far_LoA	-8,76799279	0,028	0,304
CHR9	7566071	CHR9:7566071	SSF x Far_LoA	-8,75658633	0,140	0,302
CHR9	7568855	CHR9:7568855	SSF x Far_LoA	-8,56592883	0,040	0,303
CHR9	7568857	CHR9:7568857	SSF x Far_LoA	-10,7002486	0,090	0,305
CHR9	7568858	CHR9:7568858	SSF x Far_LoA	-9,40979465	0,093	0,303
CHR9	7568907	CHR9:7568907	SSF x Far_LoA	-8,37616439	-0,039	0,310
CHR9	7568951	CHR9:7568951	SSF x Far_LoA	-8,17131274	0,001	0,306
CHR9	7573608	CHR9:7573608	SSF x Far_LoA	-6,91075326	-0,149	0,305
CHR9	7573685	CHR9:7573685	SSF x Far_LoA	-11,7004621	0,109	0,305
CHR9	7573694	CHR9:7573694	SSF x Far_LoA	-8,86771218	0,075	0,299
CHR9	7578450	CHR9:7578450	SSF x Far_LoA	-8,25082563	0,107	0,304
CHR9	7578470	CHR9:7578470	SSF x Far_LoA	-8,38714044	0,066	0,308
CHR9	7578472	CHR9:7578472	SSF x Far_LoA	-4,79557972	0,057	0,314
CHR9	7578474	CHR9:7578474	SSF x Far_LoA	-8,7234176	0,075	0,292
CHR9	7578475	CHR9:7578475	SSF x Far_LoA	-8,69845537	0,063	0,310
CHR9	7586836	CHR9:7586836	SSF x Far_LoA	-2,15666473	0,255	0,274
CHR9	7586845	CHR9:7586845	SSF x Far_LoA	-11,7065447	0,040	0,313
CHR9	7586955	CHR9:7586955	SSF x Far_LoA	-8,29843525	-0,104	0,299
CHR9	7587515	CHR9:7587515	SSF x Far_LoA	-10,1161988	-0,117	0,310
CHR9	7587588	CHR9:7587588	SSF x Far_LoA	-10,5828152	-0,094	0,314
CHR9	7587627	CHR9:7587627	SSF x Far_LoA	-8,66841511	0,028	0,303
CHR9	7587728	CHR9:7587728	SSF x Far_LoA	-9,46629753	0,070	0,306
CHR9	7587752	CHR9:7587752	SSF x Far_LoA	-6,64167905	0,070	0,316
CHR9	7618778	CHR9:7618778	SSF x Far_LoA	-9,66448485	0,002	0,294
CHR9	7618953	CHR9:7618953	SSF x Far_LoA	-2,86647523	0,167	0,314
CHR9	7618957	CHR9:7618957	SSF x Far_LoA	-8,0222371	0,099	0,307
CHR9	7618991	CHR9:7618991	SSF x Far_LoA	-8,63995636	-0,041	0,308

CHR9	7618994	CHR9:7618994	SSF x Far_LoA	-8,0727698	-0,049	0,306
CHR9	7619031	CHR9:7619031	SSF x Far_LoA	-10,4891517	0,063	0,297
CHR9	7636222	CHR9:7636222	SSF x Far_LoA	-6,98945197	0,074	0,305
CHR9	7651497	CHR9:7651497	SSF x Far_LoA	-8,94376735	-0,103	0,300
CHR9	7668636	CHR9:7668636	SSF x Far_LoA	-6,78717347	-0,106	0,304
CHR9	7668648	CHR9:7668648	SSF x Far_LoA	-8,03634667	-0,087	0,304
CHR9	7670244	CHR9:7670244	SSF x Far_LoA	-4,57404086	-0,223	0,287
CHR9	7670734	CHR9:7670734	SSF x Far_LoA	-8,96744479	-0,100	0,297
CHR9	7677658	CHR9:7677658	SSF x Far_LoA	-10,826593	-0,075	0,302
CHR9	7686802	CHR9:7686802	SSF x Far_LoA	-6,76399943	-0,025	0,304
CHR9	7691140	CHR9:7691140	SSF x Far_LoA	-9,06828047	0,059	0,307
CHR9	769144	CHR9:769144	SSF x Far_LoA	-8,59628204	-0,029	0,307
CHR9	7694148	CHR9:7694148	SSF x Far_LoA	-10,6773006	-0,043	0,305
CHR9	7701249	CHR9:7701249	SSF x Far_LoA	-10,8465148	-0,096	0,299
CHR9	7701266	CHR9:7701266	SSF x Far_LoA	-9,28285584	-0,147	0,306
CHR9	770825	CHR9:770825	SSF x Far_LoA	-8,0804118	0,227	0,281
CHR9	770839	CHR9:770839	SSF x Far_LoA	-9,64551165	0,027	0,311
CHR9	7710271	CHR9:7710271	SSF x Far_LoA	-6,3152499	-0,089	0,320
CHR9	7710277	CHR9:7710277	SSF x Far_LoA	-8,18532393	-0,025	0,302
CHR9	7710290	CHR9:7710290	SSF x Far_LoA	-9,54107459	-0,049	0,300
CHR9	7710367	CHR9:7710367	SSF x Far_LoA	-8,38280676	-0,047	0,310
CHR9	7710448	CHR9:7710448	SSF x Far_LoA	-8,58346076	-0,068	0,299
CHR9	771845	CHR9:771845	SSF x Far_LoA	-9,84676982	0,022	0,308
CHR9	7719892	CHR9:7719892	SSF x Far_LoA	-10,7262232	0,106	0,302
CHR9	7719986	CHR9:7719986	SSF x Far_LoA	-7,7158133	-0,071	0,310
CHR9	7719991	CHR9:7719991	SSF x Far_LoA	-10,3778997	-0,025	0,320
CHR9	7720075	CHR9:7720075	SSF x Far_LoA	-8,43310194	0,024	0,320
CHR9	7720134	CHR9:7720134	SSF x Far_LoA	-8,36747284	-0,025	0,313
CHR9	7725250	CHR9:7725250	SSF x Far_LoA	-8,58215631	-0,124	0,290
CHR9	7725258	CHR9:7725258	SSF x Far_LoA	-7,12616049	-0,131	0,301
CHR9	7728152	CHR9:7728152	SSF x Far_LoA	-8,83193089	0,020	0,317
CHR9	7728267	CHR9:7728267	SSF x Far_LoA	-9,59930627	0,038	0,319
CHR9	7728280	CHR9:7728280	SSF x Far_LoA	-8,01295572	-0,004	0,313
CHR9	7730815	CHR9:7730815	SSF x Far_LoA	-9,90200085	-0,021	0,315
CHR9	7730863	CHR9:7730863	SSF x Far_LoA	-9,87819005	-0,033	0,295
CHR9	7730926	CHR9:7730926	SSF x Far_LoA	-9,01868491	-0,054	0,297
CHR9	7731088	CHR9:7731088	SSF x Far_LoA	-10,9771486	-0,080	0,302
CHR9	7732768	CHR9:7732768	SSF x Far_LoA	-9,41746791	-0,101	0,300
CHR9	7732935	CHR9:7732935	SSF x Far_LoA	-9,33995711	-0,054	0,306
CHR9	7734699	CHR9:7734699	SSF x Far_LoA	-9,44383396	-0,142	0,311
CHR9	7734810	CHR9:7734810	SSF x Far_LoA	-8,69930073	-0,127	0,308
CHR9	7761219	CHR9:7761219	SSF x Far_LoA	-8,62974301	0,019	0,304
CHR9	7761237	CHR9:7761237	SSF x Far_LoA	-11,8209295	0,005	0,305
CHR9	7761282	CHR9:7761282	SSF x Far_LoA	-9,45909846	-0,031	0,297
CHR9	7761313	CHR9:7761313	SSF x Far_LoA	-9,94363902	0,060	0,317
CHR9	7768403	CHR9:7768403	SSF x Far_LoA	-10,1401939	0,002	0,312
CHR9	7768454	CHR9:7768454	SSF x Far_LoA	-9,84404414	-0,042	0,303
CHR9	7768461	CHR9:7768461	SSF x Far_LoA	-10,1812638	-0,034	0,317
CHR9	7768471	CHR9:7768471	SSF x Far_LoA	-9,20529454	0,042	0,315
CHR9	7768483	CHR9:7768483	SSF x Far_LoA	-8,71712573	0,012	0,325
CHR9	7768512	CHR9:7768512	SSF x Far_LoA	-10,8479951	0,043	0,300
CHR9	7769301	CHR9:7769301	SSF x Far_LoA	-9,43135807	0,024	0,315
CHR9	7769317	CHR9:7769317	SSF x Far_LoA	-10,4606432	-0,021	0,304

CHR9	7769318	CHR9:7769318	SSF x Far_LoA	-9,41034656	-0,007	0,310
CHR9	7769327	CHR9:7769327	SSF x Far_LoA	-9,16108595	-0,048	0,318
CHR9	7770841	CHR9:7770841	SSF x Far_LoA	-11,0021268	0,033	0,307
CHR9	7771612	CHR9:7771612	SSF x Far_LoA	-8,56571102	-0,069	0,302
CHR9	7774375	CHR9:7774375	SSF x Far_LoA	-8,71993659	-0,082	0,305
CHR9	7774410	CHR9:7774410	SSF x Far_LoA	-7,61111079	0,025	0,300
CHR9	7813721	CHR9:7813721	SSF x Far_LoA	-8,88609882	0,010	0,313
CHR9	7816298	CHR9:7816298	SSF x Far_LoA	-9,15857306	0,040	0,308
CHR9	7816520	CHR9:7816520	SSF x Far_LoA	-10,3067214	-0,012	0,300
CHR9	7827241	CHR9:7827241	SSF x Far_LoA	-9,35241543	0,028	0,301
CHR9	7827246	CHR9:7827246	SSF x Far_LoA	-10,774875	-0,053	0,318
CHR9	7834090	CHR9:7834090	SSF x Far_LoA	-6,64260322	-0,020	0,299
CHR9	7834120	CHR9:7834120	SSF x Far_LoA	-10,6980374	-0,031	0,324
CHR9	7834174	CHR9:7834174	SSF x Far_LoA	-9,52607301	-0,048	0,306
CHR9	7834362	CHR9:7834362	SSF x Far_LoA	-8,6916721	0,019	0,285
CHR9	784323	CHR9:784323	SSF x Far_LoA	-10,7333383	-0,009	0,302
CHR9	7845104	CHR9:7845104	SSF x Far_LoA	-10,041253	0,006	0,305
CHR9	7845121	CHR9:7845121	SSF x Far_LoA	-9,67041896	0,149	0,292
CHR9	7845142	CHR9:7845142	SSF x Far_LoA	-10,1162102	0,062	0,303
CHR9	7845157	CHR9:7845157	SSF x Far_LoA	-7,35651687	0,060	0,306
CHR9	7845173	CHR9:7845173	SSF x Far_LoA	2,62316481	0,117	0,315
CHR9	7845178	CHR9:7845178	SSF x Far_LoA	-7,67146493	-0,114	0,305
CHR9	7845256	CHR9:7845256	SSF x Far_LoA	-11,5655506	-0,089	0,308
CHR9	784526	CHR9:784526	SSF x Far_LoA	-9,70995969	-0,059	0,309
CHR9	7860596	CHR9:7860596	SSF x Far_LoA	-6,44647851	-0,104	0,296
CHR9	7860616	CHR9:7860616	SSF x Far_LoA	-7,24449556	0,143	0,302
CHR9	7860816	CHR9:7860816	SSF x Far_LoA	-4,56463053	0,197	0,299
CHR9	7860824	CHR9:7860824	SSF x Far_LoA	-10,8536737	-0,038	0,303
CHR9	786169	CHR9:786169	SSF x Far_LoA	-9,54121542	0,011	0,311
CHR9	7872954	CHR9:7872954	SSF x Far_LoA	-10,8140832	-0,087	0,315
CHR9	7873153	CHR9:7873153	SSF x Far_LoA	-8,80440675	0,021	0,308
CHR9	7873223	CHR9:7873223	SSF x Far_LoA	-9,69026784	0,006	0,313
CHR9	7874095	CHR9:7874095	SSF x Far_LoA	-10,7215895	0,043	0,306
CHR9	7877530	CHR9:7877530	SSF x Far_LoA	-10,5671974	-0,001	0,315
CHR9	7877596	CHR9:7877596	SSF x Far_LoA	-6,75200339	-0,165	0,301
CHR9	7877600	CHR9:7877600	SSF x Far_LoA	-11,2242672	0,043	0,311
CHR9	7877601	CHR9:7877601	SSF x Far_LoA	-10,531282	0,024	0,307
CHR9	7877722	CHR9:7877722	SSF x Far_LoA	-3,1265042	0,152	0,295
CHR9	7878968	CHR9:7878968	SSF x Far_LoA	-4,895454	-0,177	0,297
CHR9	7878969	CHR9:7878969	SSF x Far_LoA	-7,17714756	-0,148	0,297
CHR9	7878990	CHR9:7878990	SSF x Far_LoA	-7,10027338	0,036	0,317
CHR9	7879002	CHR9:7879002	SSF x Far_LoA	-7,76725126	-0,129	0,314
CHR9	7879009	CHR9:7879009	SSF x Far_LoA	-9,71208225	-0,096	0,293
CHR9	7879021	CHR9:7879021	SSF x Far_LoA	-7,85216967	0,054	0,301
CHR9	7879052	CHR9:7879052	SSF x Far_LoA	-10,2673486	-0,087	0,292
CHR9	7879078	CHR9:7879078	SSF x Far_LoA	-9,70217581	0,074	0,300
CHR9	7879109	CHR9:7879109	SSF x Far_LoA	-9,19342422	-0,082	0,299
CHR9	7879128	CHR9:7879128	SSF x Far_LoA	-11,4839037	0,048	0,302
CHR9	7879139	CHR9:7879139	SSF x Far_LoA	-4,02460201	0,058	0,303
CHR9	7879265	CHR9:7879265	SSF x Far_LoA	-10,5124725	-0,104	0,318
CHR9	7879267	CHR9:7879267	SSF x Far_LoA	-10,582264	-0,138	0,309
CHR9	7893189	CHR9:7893189	SSF x Far_LoA	-10,0759793	0,028	0,297
CHR9	7907549	CHR9:7907549	SSF x Far_LoA	-11,48625	-0,037	0,299

CHR9	7907552	CHR9:7907552	SSF x Far_LoA	-7,72118213	0,144	0,297
CHR9	7908151	CHR9:7908151	SSF x Far_LoA	-11,8513894	-0,010	0,314
CHR9	790870	CHR9:790870	SSF x Far_LoA	-10,0193755	-0,093	0,306
CHR9	7919148	CHR9:7919148	SSF x Far_LoA	-11,0115707	0,107	0,297
CHR9	7919353	CHR9:7919353	SSF x Far_LoA	-9,11169074	0,165	0,287
CHR9	792479	CHR9:792479	SSF x Far_LoA	-11,1371283	-0,003	0,306
CHR9	7937111	CHR9:7937111	SSF x Far_LoA	-8,87933167	-0,086	0,300
CHR9	7937132	CHR9:7937132	SSF x Far_LoA	-5,60379197	0,012	0,319
CHR9	7939949	CHR9:7939949	SSF x Far_LoA	-8,65506685	0,030	0,291
CHR9	7946401	CHR9:7946401	SSF x Far_LoA	-10,6110684	0,040	0,300
CHR9	7946505	CHR9:7946505	SSF x Far_LoA	-10,0149258	-0,026	0,311
CHR9	7946628	CHR9:7946628	SSF x Far_LoA	-9,92936376	0,106	0,307
CHR9	7946634	CHR9:7946634	SSF x Far_LoA	-7,91180651	-0,025	0,313
CHR9	7946677	CHR9:7946677	SSF x Far_LoA	-10,8476695	-0,062	0,306
CHR9	7952783	CHR9:7952783	SSF x Far_LoA	-9,93544528	0,080	0,306
CHR9	7952789	CHR9:7952789	SSF x Far_LoA	-10,1378185	0,070	0,300
CHR9	7964754	CHR9:7964754	SSF x Far_LoA	-7,36101602	0,110	0,310
CHR9	7964755	CHR9:7964755	SSF x Far_LoA	-7,81191727	0,053	0,310
CHR9	7964781	CHR9:7964781	SSF x Far_LoA	-11,8267465	-0,046	0,302
CHR9	7964785	CHR9:7964785	SSF x Far_LoA	-12,2514261	-0,051	0,306
CHR9	7964792	CHR9:7964792	SSF x Far_LoA	-8,74636032	0,006	0,312
CHR9	7964831	CHR9:7964831	SSF x Far_LoA	-8,0785865	-0,049	0,317
CHR9	7964868	CHR9:7964868	SSF x Far_LoA	-8,19805911	-0,045	0,314
CHR9	7964872	CHR9:7964872	SSF x Far_LoA	-6,31127346	-0,067	0,309
CHR9	7964880	CHR9:7964880	SSF x Far_LoA	-8,78938108	-0,042	0,311
CHR9	7964881	CHR9:7964881	SSF x Far_LoA	-7,45673464	-0,070	0,305
CHR9	7971456	CHR9:7971456	SSF x Far_LoA	-7,08561223	0,100	0,309
CHR9	7972270	CHR9:7972270	SSF x Far_LoA	-9,46856258	-0,041	0,310
CHR9	7979135	CHR9:7979135	SSF x Far_LoA	-10,0636485	-0,011	0,295
CHR9	7979208	CHR9:7979208	SSF x Far_LoA	-11,4401525	0,087	0,312
CHR9	7979219	CHR9:7979219	SSF x Far_LoA	-6,78042155	-0,110	0,298
CHR9	7979230	CHR9:7979230	SSF x Far_LoA	-9,09132337	-0,058	0,313
CHR9	7979242	CHR9:7979242	SSF x Far_LoA	-2,88972414	-0,112	0,312
CHR9	7979256	CHR9:7979256	SSF x Far_LoA	-8,52757673	0,110	0,309
CHR9	799186	CHR9:799186	SSF x Far_LoA	-8,74240683	-0,026	0,302
CHR9	799190	CHR9:799190	SSF x Far_LoA	-11,7838035	-0,028	0,290
CHR9	799226	CHR9:799226	SSF x Far_LoA	-11,1095095	0,042	0,296
CHR9	799231	CHR9:799231	SSF x Far_LoA	-8,97562565	-0,003	0,311
CHR9	7995423	CHR9:7995423	SSF x Far_LoA	-9,37365997	0,045	0,308
CHR9	7996907	CHR9:7996907	SSF x Far_LoA	-7,21399077	0,108	0,299
CHR9	7996940	CHR9:7996940	SSF x Far_LoA	-7,91278749	0,003	0,307
CHR9	7996947	CHR9:7996947	SSF x Far_LoA	-10,8640332	-0,067	0,315
CHR9	7996956	CHR9:7996956	SSF x Far_LoA	-10,0013721	-0,062	0,315
CHR9	7996982	CHR9:7996982	SSF x Far_LoA	-11,3712238	-0,006	0,304
CHR9	7996983	CHR9:7996983	SSF x Far_LoA	-8,97070662	-0,051	0,305
CHR9	7996984	CHR9:7996984	SSF x Far_LoA	-10,2045964	0,007	0,320
CHR9	7997008	CHR9:7997008	SSF x Far_LoA	-9,29966301	-0,113	0,303
CHR9	7997012	CHR9:7997012	SSF x Far_LoA	-5,45185895	0,097	0,311
CHR9	7997014	CHR9:7997014	SSF x Far_LoA	-8,45307838	0,116	0,302
CHR9	7997109	CHR9:7997109	SSF x Far_LoA	-9,15248059	-0,014	0,305
CHR9	7997171	CHR9:7997171	SSF x Far_LoA	-11,6024927	0,021	0,315
CHR9	802408	CHR9:802408	SSF x Far_LoA	-11,5180179	0,046	0,303
CHR9	8025322	CHR9:8025322	SSF x Far_LoA	-8,88127235	0,078	0,323

CHR9	8025325	CHR9:8025325	SSF x Far_LoA	-9,1982152	-0,055	0,313
CHR9	802607	CHR9:802607	SSF x Far_LoA	-10,7816004	0,144	0,294
CHR9	8029472	CHR9:8029472	SSF x Far_LoA	-8,4509315	-0,054	0,315
CHR9	8029491	CHR9:8029491	SSF x Far_LoA	-7,60606514	-0,076	0,304
CHR9	8029495	CHR9:8029495	SSF x Far_LoA	-8,51973313	0,002	0,301
CHR9	8029496	CHR9:8029496	SSF x Far_LoA	-8,61009667	-0,163	0,309
CHR9	8029503	CHR9:8029503	SSF x Far_LoA	-8,82377361	-0,009	0,307
CHR9	8029513	CHR9:8029513	SSF x Far_LoA	-9,61712512	0,054	0,307
CHR9	8029533	CHR9:8029533	SSF x Far_LoA	-11,0431131	-0,020	0,314
CHR9	8029545	CHR9:8029545	SSF x Far_LoA	-10,5817987	0,020	0,309
CHR9	8029560	CHR9:8029560	SSF x Far_LoA	-9,67362116	-0,018	0,307
CHR9	8029711	CHR9:8029711	SSF x Far_LoA	-10,7789415	0,075	0,312
CHR9	8037808	CHR9:8037808	SSF x Far_LoA	-10,1089069	0,036	0,294
CHR9	8037941	CHR9:8037941	SSF x Far_LoA	-7,51939933	-0,060	0,292
CHR9	8037959	CHR9:8037959	SSF x Far_LoA	-8,63763916	0,033	0,314
CHR9	8044439	CHR9:8044439	SSF x Far_LoA	-10,0248406	0,059	0,300
CHR9	8044455	CHR9:8044455	SSF x Far_LoA	-7,82728235	-0,023	0,304
CHR9	8044461	CHR9:8044461	SSF x Far_LoA	-9,32918778	-0,050	0,312
CHR9	8044530	CHR9:8044530	SSF x Far_LoA	-8,39435182	0,012	0,312
CHR9	8044536	CHR9:8044536	SSF x Far_LoA	-10,7235834	-0,051	0,314
CHR9	8044538	CHR9:8044538	SSF x Far_LoA	-11,2568568	-0,048	0,308
CHR9	8044659	CHR9:8044659	SSF x Far_LoA	-7,42995367	0,069	0,294
CHR9	8044665	CHR9:8044665	SSF x Far_LoA	-7,26529336	0,090	0,296
CHR9	8044673	CHR9:8044673	SSF x Far_LoA	-7,89293274	0,093	0,304
CHR9	8044716	CHR9:8044716	SSF x Far_LoA	-8,37553964	-0,076	0,318
CHR9	804506	CHR9:804506	SSF x Far_LoA	-8,79140133	0,084	0,302
CHR9	804537	CHR9:804537	SSF x Far_LoA	-8,10692549	0,033	0,303
CHR9	8054891	CHR9:8054891	SSF x Far_LoA	-6,95710371	-0,190	0,275
CHR9	8054919	CHR9:8054919	SSF x Far_LoA	-8,91446153	-0,074	0,307
CHR9	8054973	CHR9:8054973	SSF x Far_LoA	-7,78863402	-0,132	0,300
CHR9	8062952	CHR9:8062952	SSF x Far_LoA	-12,2250205	0,034	0,294
CHR9	8062958	CHR9:8062958	SSF x Far_LoA	-8,98223336	-0,075	0,306
CHR9	8064973	CHR9:8064973	SSF x Far_LoA	-7,30479141	-0,144	0,304
CHR9	8064979	CHR9:8064979	SSF x Far_LoA	-6,92234731	-0,106	0,298
CHR9	8064996	CHR9:8064996	SSF x Far_LoA	-8,3095709	-0,121	0,320
CHR9	8065058	CHR9:8065058	SSF x Far_LoA	-8,94132201	-0,051	0,303
CHR9	8065071	CHR9:8065071	SSF x Far_LoA	-12,470877	0,032	0,297
CHR9	8065074	CHR9:8065074	SSF x Far_LoA	-9,02173555	0,027	0,314
CHR9	8071658	CHR9:8071658	SSF x Far_LoA	-10,7023274	0,086	0,295
CHR9	8071746	CHR9:8071746	SSF x Far_LoA	-11,2309268	0,070	0,299
CHR9	8073697	CHR9:8073697	SSF x Far_LoA	-10,8204883	0,072	0,300
CHR9	8075862	CHR9:8075862	SSF x Far_LoA	-8,94346371	-0,043	0,310
CHR9	8075902	CHR9:8075902	SSF x Far_LoA	-9,13643406	0,055	0,302
CHR9	8075908	CHR9:8075908	SSF x Far_LoA	-8,63653476	0,097	0,305
CHR9	8075913	CHR9:8075913	SSF x Far_LoA	-8,86631089	-0,107	0,300
CHR9	8075932	CHR9:8075932	SSF x Far_LoA	-7,16746836	-0,105	0,308
CHR9	8075943	CHR9:8075943	SSF x Far_LoA	-8,13979461	0,115	0,309
CHR9	8075964	CHR9:8075964	SSF x Far_LoA	-11,1905947	-0,055	0,319
CHR9	8075999	CHR9:8075999	SSF x Far_LoA	-10,4392348	-0,074	0,323
CHR9	8076122	CHR9:8076122	SSF x Far_LoA	-10,8866924	-0,022	0,301
CHR9	8077564	CHR9:8077564	SSF x Far_LoA	-9,52658591	0,041	0,298
CHR9	8086021	CHR9:8086021	SSF x Far_LoA	-1,71337499	0,238	0,298
CHR9	8086022	CHR9:8086022	SSF x Far_LoA	-3,68651506	0,256	0,290

CHR9	8086168	CHR9:8086168	SSF x Far_LoA	-6,6742056	0,226	0,292
CHR9	810746	CHR9:810746	SSF x Far_LoA	-6,88530809	-0,139	0,307
CHR9	810796	CHR9:810796	SSF x Far_LoA	-8,13332545	-0,123	0,305
CHR9	810833	CHR9:810833	SSF x Far_LoA	-8,6999871	-0,129	0,295
CHR9	8108767	CHR9:8108767	SSF x Far_LoA	-11,457631	-0,055	0,293
CHR9	8109899	CHR9:8109899	SSF x Far_LoA	-7,17126662	-0,124	0,308
CHR9	8109992	CHR9:8109992	SSF x Far_LoA	-9,51601048	-0,096	0,293
CHR9	8110006	CHR9:8110006	SSF x Far_LoA	-9,46919019	-0,023	0,302
CHR9	8110095	CHR9:8110095	SSF x Far_LoA	-9,25725683	0,120	0,303
CHR9	8114609	CHR9:8114609	SSF x Far_LoA	-8,77657822	-0,145	0,311
CHR9	8114651	CHR9:8114651	SSF x Far_LoA	-9,22028578	0,138	0,292
CHR9	8114720	CHR9:8114720	SSF x Far_LoA	-2,71131556	0,188	0,287
CHR9	8114813	CHR9:8114813	SSF x Far_LoA	-4,72262205	-0,074	0,320
CHR9	814215	CHR9:814215	SSF x Far_LoA	-6,89815173	0,095	0,315
CHR9	814296	CHR9:814296	SSF x Far_LoA	-10,6027315	0,075	0,313
CHR9	814303	CHR9:814303	SSF x Far_LoA	-10,4666112	-0,005	0,312
CHR9	814322	CHR9:814322	SSF x Far_LoA	-8,53260174	-0,121	0,300
CHR9	8165332	CHR9:8165332	SSF x Far_LoA	-10,2791229	0,090	0,296
CHR9	816636	CHR9:816636	SSF x Far_LoA	-9,14598393	0,174	0,288
CHR9	816786	CHR9:816786	SSF x Far_LoA	-7,69744788	0,050	0,287
CHR9	8183607	CHR9:8183607	SSF x Far_LoA	-6,26822228	-0,217	0,284
CHR9	8183647	CHR9:8183647	SSF x Far_LoA	-9,38394622	-0,076	0,313
CHR9	8190956	CHR9:8190956	SSF x Far_LoA	-9,43005696	-0,156	0,294
CHR9	8190957	CHR9:8190957	SSF x Far_LoA	-10,0490994	-0,150	0,303
CHR9	8190959	CHR9:8190959	SSF x Far_LoA	-10,4799015	0,153	0,309
CHR9	8191005	CHR9:8191005	SSF x Far_LoA	-10,3437837	-0,031	0,303
CHR9	8191114	CHR9:8191114	SSF x Far_LoA	-9,69676788	-0,025	0,298
CHR9	8191147	CHR9:8191147	SSF x Far_LoA	-9,72644917	0,019	0,308
CHR9	8191181	CHR9:8191181	SSF x Far_LoA	-6,78859299	0,043	0,309
CHR9	8191245	CHR9:8191245	SSF x Far_LoA	-11,0825142	0,045	0,305
CHR9	8193498	CHR9:8193498	SSF x Far_LoA	-10,2998761	0,018	0,303
CHR9	8193664	CHR9:8193664	SSF x Far_LoA	-10,3753655	-0,040	0,303
CHR9	8193697	CHR9:8193697	SSF x Far_LoA	-8,715696	0,081	0,308
CHR9	8193708	CHR9:8193708	SSF x Far_LoA	-8,7883928	0,067	0,309
CHR9	8195562	CHR9:8195562	SSF x Far_LoA	-11,3843503	-0,058	0,316
CHR9	8195621	CHR9:8195621	SSF x Far_LoA	-6,97145794	-0,165	0,319
CHR9	8195696	CHR9:8195696	SSF x Far_LoA	-9,31713369	-0,101	0,317
CHR9	8197829	CHR9:8197829	SSF x Far_LoA	-9,10631457	0,025	0,294
CHR9	8197833	CHR9:8197833	SSF x Far_LoA	-9,83632651	-0,018	0,301
CHR9	8197873	CHR9:8197873	SSF x Far_LoA	-8,57819356	0,103	0,302
CHR9	8197933	CHR9:8197933	SSF x Far_LoA	-10,4423173	0,061	0,295
CHR9	8197939	CHR9:8197939	SSF x Far_LoA	-9,58249704	0,028	0,296
CHR9	8197947	CHR9:8197947	SSF x Far_LoA	-11,8702599	0,053	0,297
CHR9	8207894	CHR9:8207894	SSF x Far_LoA	-7,16940498	-0,009	0,328
CHR9	8218259	CHR9:8218259	SSF x Far_LoA	-9,31340809	-0,024	0,301
CHR9	8218354	CHR9:8218354	SSF x Far_LoA	-5,95943066	-0,148	0,300
CHR9	8218373	CHR9:8218373	SSF x Far_LoA	-9,18713591	-0,027	0,302
CHR9	8218393	CHR9:8218393	SSF x Far_LoA	-6,60600964	-0,007	0,313
CHR9	8219681	CHR9:8219681	SSF x Far_LoA	-9,37206095	-0,101	0,315
CHR9	8219688	CHR9:8219688	SSF x Far_LoA	-9,30625575	-0,032	0,294
CHR9	8219730	CHR9:8219730	SSF x Far_LoA	-10,1134883	0,020	0,302
CHR9	8219865	CHR9:8219865	SSF x Far_LoA	-10,9394079	0,063	0,310
CHR9	8221875	CHR9:8221875	SSF x Far_LoA	-8,69024179	0,071	0,298

CHR9	8221890	CHR9:8221890	SSF x Far_LoA	-9,37347483	0,054	0,293
CHR9	8221906	CHR9:8221906	SSF x Far_LoA	-7,96427243	0,033	0,301
CHR9	8221925	CHR9:8221925	SSF x Far_LoA	-10,3087813	0,054	0,297
CHR9	8221932	CHR9:8221932	SSF x Far_LoA	-10,2716163	-0,015	0,308
CHR9	8231699	CHR9:8231699	SSF x Far_LoA	-8,92660778	-0,088	0,309
CHR9	8231861	CHR9:8231861	SSF x Far_LoA	-10,5927854	-0,007	0,310
CHR9	8244238	CHR9:8244238	SSF x Far_LoA	-11,4448623	0,016	0,307
CHR9	8244315	CHR9:8244315	SSF x Far_LoA	-11,3082379	0,064	0,313
CHR9	8244404	CHR9:8244404	SSF x Far_LoA	-1,35359882	-0,001	0,314
CHR9	8244608	CHR9:8244608	SSF x Far_LoA	-5,17701888	0,149	0,300
CHR9	8244624	CHR9:8244624	SSF x Far_LoA	-10,4313637	-0,021	0,297
CHR9	8248234	CHR9:8248234	SSF x Far_LoA	-9,11538164	0,039	0,302
CHR9	8248398	CHR9:8248398	SSF x Far_LoA	-9,37466682	-0,009	0,302
CHR9	8248426	CHR9:8248426	SSF x Far_LoA	-10,8084372	-0,070	0,311
CHR9	8250379	CHR9:8250379	SSF x Far_LoA	-3,65049888	0,055	0,312
CHR9	8250423	CHR9:8250423	SSF x Far_LoA	-11,930954	0,041	0,298
CHR9	8250440	CHR9:8250440	SSF x Far_LoA	-11,4369774	-0,015	0,303
CHR9	8250601	CHR9:8250601	SSF x Far_LoA	-8,85647366	0,031	0,314
CHR9	8275148	CHR9:8275148	SSF x Far_LoA	-9,84033319	0,062	0,311
CHR9	8276530	CHR9:8276530	SSF x Far_LoA	-10,8491013	0,081	0,306
CHR9	8276538	CHR9:8276538	SSF x Far_LoA	-9,93297621	-0,032	0,314
CHR9	8279959	CHR9:8279959	SSF x Far_LoA	-8,99638328	-0,050	0,310
CHR9	8280058	CHR9:8280058	SSF x Far_LoA	-6,66403352	-0,071	0,310
CHR9	8292320	CHR9:8292320	SSF x Far_LoA	-8,12202763	-0,081	0,324
CHR9	8302476	CHR9:8302476	SSF x Far_LoA	-10,8209972	-0,045	0,307
CHR9	8303713	CHR9:8303713	SSF x Far_LoA	-8,7998882	-0,044	0,320
CHR9	8303726	CHR9:8303726	SSF x Far_LoA	-10,7271493	0,054	0,310
CHR9	8314857	CHR9:8314857	SSF x Far_LoA	-8,22965528	-0,067	0,319
CHR9	8314932	CHR9:8314932	SSF x Far_LoA	-8,6391372	0,097	0,315
CHR9	8314951	CHR9:8314951	SSF x Far_LoA	-9,17855034	0,015	0,293
CHR9	834611	CHR9:834611	SSF x Far_LoA	-4,77448769	0,037	0,315
CHR9	834704	CHR9:834704	SSF x Far_LoA	-9,61135241	0,078	0,299
CHR9	834776	CHR9:834776	SSF x Far_LoA	-10,5451531	0,042	0,310
CHR9	8354241	CHR9:8354241	SSF x Far_LoA	-9,68712918	0,014	0,309
CHR9	8356279	CHR9:8356279	SSF x Far_LoA	-7,52724714	-0,095	0,307
CHR9	839070	CHR9:839070	SSF x Far_LoA	-9,73617875	0,088	0,305
CHR9	839072	CHR9:839072	SSF x Far_LoA	-10,5211441	0,078	0,296
CHR9	839113	CHR9:839113	SSF x Far_LoA	-6,01769649	0,045	0,314
CHR9	839141	CHR9:839141	SSF x Far_LoA	-9,15296333	0,052	0,308
CHR9	8401463	CHR9:8401463	SSF x Far_LoA	-9,64301047	-0,014	0,310
CHR9	8401515	CHR9:8401515	SSF x Far_LoA	-5,88285877	-0,054	0,312
CHR9	8406622	CHR9:8406622	SSF x Far_LoA	-8,97072034	0,075	0,281
CHR9	8406647	CHR9:8406647	SSF x Far_LoA	-8,63314355	0,050	0,282
CHR9	8406736	CHR9:8406736	SSF x Far_LoA	-8,43603402	0,082	0,302
CHR9	8406743	CHR9:8406743	SSF x Far_LoA	-9,07393358	0,033	0,302
CHR9	8408557	CHR9:8408557	SSF x Far_LoA	-4,94803992	0,052	0,305
CHR9	8408593	CHR9:8408593	SSF x Far_LoA	-12,0317692	0,002	0,301
CHR9	8408713	CHR9:8408713	SSF x Far_LoA	-8,09883315	-0,007	0,307
CHR9	8410999	CHR9:8410999	SSF x Far_LoA	-5,71736751	-0,135	0,300
CHR9	8411078	CHR9:8411078	SSF x Far_LoA	-8,21280412	-0,127	0,304
CHR9	8411137	CHR9:8411137	SSF x Far_LoA	-8,77127575	-0,108	0,314
CHR9	8411182	CHR9:8411182	SSF x Far_LoA	-9,13560158	-0,041	0,302
CHR9	8418308	CHR9:8418308	SSF x Far_LoA	-9,2213181	-0,003	0,310

CHR9	8418417	CHR9:8418417	SSF x Far_LoA	-8,95570353	0,069	0,309
CHR9	8418421	CHR9:8418421	SSF x Far_LoA	-9,50092557	-0,041	0,306
CHR9	8425530	CHR9:8425530	SSF x Far_LoA	-8,75164212	0,096	0,297
CHR9	8425646	CHR9:8425646	SSF x Far_LoA	-10,1827914	0,012	0,314
CHR9	8425666	CHR9:8425666	SSF x Far_LoA	-9,67854187	0,143	0,294
CHR9	8433338	CHR9:8433338	SSF x Far_LoA	-8,9282172	-0,033	0,303
CHR9	8433379	CHR9:8433379	SSF x Far_LoA	-8,61215738	0,018	0,317
CHR9	8438267	CHR9:8438267	SSF x Far_LoA	-6,76195534	-0,060	0,311
CHR9	8452054	CHR9:8452054	SSF x Far_LoA	-8,11089708	0,042	0,315
CHR9	8452081	CHR9:8452081	SSF x Far_LoA	-9,3661965	-0,009	0,308
CHR9	8452536	CHR9:8452536	SSF x Far_LoA	-9,85286606	0,099	0,300
CHR9	8453075	CHR9:8453075	SSF x Far_LoA	-8,73185849	-0,060	0,308
CHR9	8472188	CHR9:8472188	SSF x Far_LoA	-8,96448932	0,030	0,313
CHR9	8484661	CHR9:8484661	SSF x Far_LoA	-7,73435515	-0,048	0,319
CHR9	848727	CHR9:848727	SSF x Far_LoA	-8,72318266	-0,063	0,297
CHR9	8491849	CHR9:8491849	SSF x Far_LoA	-7,64405171	0,029	0,304
CHR9	8491862	CHR9:8491862	SSF x Far_LoA	-9,92250829	-0,003	0,313
CHR9	8491951	CHR9:8491951	SSF x Far_LoA	-9,48729608	0,046	0,301
CHR9	8492032	CHR9:8492032	SSF x Far_LoA	-10,9593632	0,078	0,306
CHR9	8505341	CHR9:8505341	SSF x Far_LoA	-10,0305086	-0,007	0,313
CHR9	851460	CHR9:851460	SSF x Far_LoA	1,49367586	0,033	0,309
CHR9	851495	CHR9:851495	SSF x Far_LoA	-2,49192933	0,023	0,312
CHR9	851604	CHR9:851604	SSF x Far_LoA	-6,96294771	-0,170	0,278
CHR9	8541040	CHR9:8541040	SSF x Far_LoA	-8,04364136	-0,091	0,308
CHR9	8541041	CHR9:8541041	SSF x Far_LoA	-7,89731432	-0,022	0,299
CHR9	8541149	CHR9:8541149	SSF x Far_LoA	-9,98590108	0,054	0,301
CHR9	8542464	CHR9:8542464	SSF x Far_LoA	-7,15735803	-0,135	0,321
CHR9	8551737	CHR9:8551737	SSF x Far_LoA	-9,83127674	-0,099	0,310
CHR9	8551793	CHR9:8551793	SSF x Far_LoA	-7,67687548	-0,060	0,317
CHR9	8551818	CHR9:8551818	SSF x Far_LoA	-10,4307811	0,111	0,317
CHR9	8551898	CHR9:8551898	SSF x Far_LoA	-10,6279663	0,045	0,309
CHR9	8551908	CHR9:8551908	SSF x Far_LoA	-8,46795184	-0,049	0,294
CHR9	8551939	CHR9:8551939	SSF x Far_LoA	-9,85718703	0,005	0,292
CHR9	8551967	CHR9:8551967	SSF x Far_LoA	-10,274142	0,015	0,295
CHR9	8551975	CHR9:8551975	SSF x Far_LoA	-9,78621357	0,023	0,318
CHR9	8555378	CHR9:8555378	SSF x Far_LoA	-10,2307773	0,071	0,296
CHR9	8555446	CHR9:8555446	SSF x Far_LoA	-7,59834489	0,021	0,311
CHR9	8567073	CHR9:8567073	SSF x Far_LoA	-10,2911929	-0,194	0,288
CHR9	8567123	CHR9:8567123	SSF x Far_LoA	-10,0246163	0,116	0,309
CHR9	8578217	CHR9:8578217	SSF x Far_LoA	-6,9546515	-0,130	0,320
CHR9	8578267	CHR9:8578267	SSF x Far_LoA	-10,0396954	0,081	0,305
CHR9	8578303	CHR9:8578303	SSF x Far_LoA	-8,19608295	-0,150	0,307
CHR9	8578341	CHR9:8578341	SSF x Far_LoA	-10,2193733	-0,110	0,300
CHR9	8585197	CHR9:8585197	SSF x Far_LoA	-5,90525613	-0,111	0,307
CHR9	8585205	CHR9:8585205	SSF x Far_LoA	-7,91208465	-0,108	0,316
CHR9	8585236	CHR9:8585236	SSF x Far_LoA	-9,61400004	-0,136	0,308
CHR9	8585267	CHR9:8585267	SSF x Far_LoA	-7,27094484	0,045	0,314
CHR9	8585291	CHR9:8585291	SSF x Far_LoA	-11,0534272	0,082	0,303
CHR9	8585311	CHR9:8585311	SSF x Far_LoA	-8,83811709	0,066	0,310
CHR9	8585317	CHR9:8585317	SSF x Far_LoA	-10,3143634	0,071	0,312
CHR9	858552	CHR9:858552	SSF x Far_LoA	-8,25161019	-0,041	0,303
CHR9	8593381	CHR9:8593381	SSF x Far_LoA	-10,014584	0,031	0,301
CHR9	8594536	CHR9:8594536	SSF x Far_LoA	-9,03820828	-0,057	0,310

CHR9	8594763	CHR9:8594763	SSF x Far_LoA	-9,16357277	-0,066	0,305
CHR9	859696	CHR9:859696	SSF x Far_LoA	-8,80856376	0,106	0,296
CHR9	859712	CHR9:859712	SSF x Far_LoA	-9,04840756	-0,055	0,304
CHR9	8609512	CHR9:8609512	SSF x Far_LoA	-9,09576727	-0,091	0,316
CHR9	8615118	CHR9:8615118	SSF x Far_LoA	-8,33535543	0,125	0,298
CHR9	8615193	CHR9:8615193	SSF x Far_LoA	-10,6452929	-0,009	0,308
CHR9	8622862	CHR9:8622862	SSF x Far_LoA	-4,51020711	-0,138	0,310
CHR9	8622939	CHR9:8622939	SSF x Far_LoA	-11,8016239	0,017	0,307
CHR9	8623044	CHR9:8623044	SSF x Far_LoA	-8,51476855	0,084	0,296
CHR9	8623050	CHR9:8623050	SSF x Far_LoA	-9,7889216	-0,123	0,305
CHR9	8623074	CHR9:8623074	SSF x Far_LoA	-7,01700777	0,112	0,322
CHR9	8623082	CHR9:8623082	SSF x Far_LoA	-7,1924359	0,119	0,303
CHR9	8625796	CHR9:8625796	SSF x Far_LoA	-8,35699859	-0,020	0,299
CHR9	8625920	CHR9:8625920	SSF x Far_LoA	-3,71498109	0,191	0,310
CHR9	8625964	CHR9:8625964	SSF x Far_LoA	-9,63088807	-0,007	0,298
CHR9	8626948	CHR9:8626948	SSF x Far_LoA	-10,3549974	0,068	0,296
CHR9	8631816	CHR9:8631816	SSF x Far_LoA	-9,58986437	0,032	0,298
CHR9	8633072	CHR9:8633072	SSF x Far_LoA	-8,92912091	-0,106	0,304
CHR9	8633200	CHR9:8633200	SSF x Far_LoA	-9,5341949	-0,062	0,300
CHR9	8633386	CHR9:8633386	SSF x Far_LoA	-9,31581029	0,037	0,314
CHR9	8633387	CHR9:8633387	SSF x Far_LoA	-9,9368844	0,074	0,310
CHR9	8645982	CHR9:8645982	SSF x Far_LoA	-9,07705159	0,068	0,311
CHR9	8645991	CHR9:8645991	SSF x Far_LoA	-9,44718364	0,084	0,314
CHR9	8645999	CHR9:8645999	SSF x Far_LoA	-8,44545045	-0,068	0,304
CHR9	8646072	CHR9:8646072	SSF x Far_LoA	-5,54801193	-0,201	0,306
CHR9	8646090	CHR9:8646090	SSF x Far_LoA	-6,27936022	-0,223	0,300
CHR9	864795	CHR9:864795	SSF x Far_LoA	-8,89231613	-0,033	0,287
CHR9	8650590	CHR9:8650590	SSF x Far_LoA	-10,3524279	-0,016	0,313
CHR9	8655434	CHR9:8655434	SSF x Far_LoA	-7,88833448	-0,136	0,297
CHR9	8655543	CHR9:8655543	SSF x Far_LoA	-10,3675417	0,062	0,311
CHR9	8657548	CHR9:8657548	SSF x Far_LoA	-11,6571358	0,050	0,308
CHR9	8657686	CHR9:8657686	SSF x Far_LoA	-8,2940502	0,024	0,305
CHR9	8659679	CHR9:8659679	SSF x Far_LoA	-7,00029038	0,079	0,307
CHR9	8659694	CHR9:8659694	SSF x Far_LoA	-12,7675565	0,008	0,291
CHR9	8660970	CHR9:8660970	SSF x Far_LoA	-7,21984941	-0,126	0,311
CHR9	8662331	CHR9:8662331	SSF x Far_LoA	-11,0664911	0,002	0,305
CHR9	8662333	CHR9:8662333	SSF x Far_LoA	-8,97734822	-0,005	0,307
CHR9	8662348	CHR9:8662348	SSF x Far_LoA	-7,12623106	0,154	0,297
CHR9	8662359	CHR9:8662359	SSF x Far_LoA	-10,5588064	0,003	0,305
CHR9	86706	CHR9:86706	SSF x Far_LoA	-9,32850319	0,100	0,292
CHR9	86740	CHR9:86740	SSF x Far_LoA	-8,12439074	0,122	0,293
CHR9	8675954	CHR9:8675954	SSF x Far_LoA	-10,7975718	0,008	0,299
CHR9	86788	CHR9:86788	SSF x Far_LoA	-8,10709146	0,123	0,308
CHR9	8685410	CHR9:8685410	SSF x Far_LoA	-8,88775385	-0,141	0,298
CHR9	8685519	CHR9:8685519	SSF x Far_LoA	-7,28602104	0,122	0,302
CHR9	8691481	CHR9:8691481	SSF x Far_LoA	-7,16788442	-0,195	0,308
CHR9	8691483	CHR9:8691483	SSF x Far_LoA	-7,36646368	-0,153	0,308
CHR9	8691651	CHR9:8691651	SSF x Far_LoA	-8,67985956	-0,136	0,289
CHR9	8724720	CHR9:8724720	SSF x Far_LoA	-11,9158542	-0,036	0,297
CHR9	8725704	CHR9:8725704	SSF x Far_LoA	-10,5612357	-0,040	0,307
CHR9	8733087	CHR9:8733087	SSF x Far_LoA	-8,44171377	-0,116	0,294
CHR9	8733090	CHR9:8733090	SSF x Far_LoA	-4,61469563	-0,097	0,298
CHR9	8733123	CHR9:8733123	SSF x Far_LoA	-9,67715982	0,067	0,311

CHR9	8733126	CHR9:8733126	SSF x Far_LoA	-7,183492	-0,107	0,313
CHR9	8733190	CHR9:8733190	SSF x Far_LoA	-7,18572752	0,143	0,306
CHR9	8733203	CHR9:8733203	SSF x Far_LoA	-10,1279411	0,050	0,316
CHR9	8733216	CHR9:8733216	SSF x Far_LoA	-9,58910314	-0,001	0,294
CHR9	8733256	CHR9:8733256	SSF x Far_LoA	-8,44208911	-0,040	0,307
CHR9	8733295	CHR9:8733295	SSF x Far_LoA	-8,7768753	0,013	0,307
CHR9	8733296	CHR9:8733296	SSF x Far_LoA	-9,01916732	-0,046	0,310
CHR9	8733298	CHR9:8733298	SSF x Far_LoA	-9,2266364	0,005	0,310
CHR9	8741860	CHR9:8741860	SSF x Far_LoA	-8,62666491	0,056	0,306
CHR9	8742017	CHR9:8742017	SSF x Far_LoA	-9,82642132	-0,076	0,315
CHR9	8752267	CHR9:8752267	SSF x Far_LoA	-7,91953793	0,136	0,309
CHR9	8752518	CHR9:8752518	SSF x Far_LoA	-7,97275046	0,005	0,316
CHR9	8756564	CHR9:8756564	SSF x Far_LoA	-11,3250657	0,012	0,309
CHR9	8756595	CHR9:8756595	SSF x Far_LoA	-11,2652774	-0,004	0,312
CHR9	8758154	CHR9:8758154	SSF x Far_LoA	-10,7473065	-0,053	0,315
CHR9	8758307	CHR9:8758307	SSF x Far_LoA	-10,587498	0,065	0,303
CHR9	8758339	CHR9:8758339	SSF x Far_LoA	-10,3610463	-0,011	0,307
CHR9	8763337	CHR9:8763337	SSF x Far_LoA	-8,69499093	-0,019	0,328
CHR9	8763354	CHR9:8763354	SSF x Far_LoA	-9,30590596	0,111	0,293
CHR9	8781578	CHR9:8781578	SSF x Far_LoA	-9,57360832	-0,063	0,309
CHR9	8785319	CHR9:8785319	SSF x Far_LoA	-11,6443375	0,075	0,293
CHR9	8785343	CHR9:8785343	SSF x Far_LoA	-10,5215044	0,062	0,311
CHR9	8791195	CHR9:8791195	SSF x Far_LoA	-9,42813854	0,029	0,311
CHR9	8791383	CHR9:8791383	SSF x Far_LoA	-8,3858826	0,031	0,316
CHR9	8822284	CHR9:8822284	SSF x Far_LoA	-11,623528	0,033	0,306
CHR9	8838230	CHR9:8838230	SSF x Far_LoA	-5,25477903	-0,190	0,299
CHR9	8844464	CHR9:8844464	SSF x Far_LoA	-10,6704258	-0,017	0,309
CHR9	8857968	CHR9:8857968	SSF x Far_LoA	-10,447301	0,041	0,316
CHR9	8866009	CHR9:8866009	SSF x Far_LoA	-10,783179	0,151	0,286
CHR9	8873701	CHR9:8873701	SSF x Far_LoA	-4,03716236	-0,254	0,285
CHR9	8873780	CHR9:8873780	SSF x Far_LoA	-7,96328795	0,183	0,297
CHR9	8880563	CHR9:8880563	SSF x Far_LoA	-8,57070249	-0,112	0,315
CHR9	8880608	CHR9:8880608	SSF x Far_LoA	-7,73632453	-0,005	0,310
CHR9	8880628	CHR9:8880628	SSF x Far_LoA	-10,1871557	-0,066	0,320
CHR9	8880641	CHR9:8880641	SSF x Far_LoA	-9,67203797	-0,078	0,303
CHR9	8882956	CHR9:8882956	SSF x Far_LoA	-10,8314125	-0,055	0,308
CHR9	888330	CHR9:888330	SSF x Far_LoA	-9,86934266	-0,110	0,308
CHR9	8884237	CHR9:8884237	SSF x Far_LoA	-8,48429919	0,033	0,320
CHR9	8884306	CHR9:8884306	SSF x Far_LoA	-9,51888512	-0,049	0,313
CHR9	8889875	CHR9:8889875	SSF x Far_LoA	-8,67505667	0,139	0,296
CHR9	8889917	CHR9:8889917	SSF x Far_LoA	-9,47104944	-0,128	0,305
CHR9	8889939	CHR9:8889939	SSF x Far_LoA	-9,23331245	0,000	0,299
CHR9	8889994	CHR9:8889994	SSF x Far_LoA	-8,50136556	-0,125	0,305
CHR9	8890052	CHR9:8890052	SSF x Far_LoA	-7,87264018	0,137	0,296
CHR9	8890055	CHR9:8890055	SSF x Far_LoA	-11,3944117	-0,058	0,309
CHR9	8890058	CHR9:8890058	SSF x Far_LoA	-9,59387138	-0,029	0,301
CHR9	8890073	CHR9:8890073	SSF x Far_LoA	-9,77252546	-0,083	0,297
CHR9	8890142	CHR9:8890142	SSF x Far_LoA	-10,8801706	0,080	0,301
CHR9	8890150	CHR9:8890150	SSF x Far_LoA	-10,4177986	0,120	0,293
CHR9	8890153	CHR9:8890153	SSF x Far_LoA	-10,6721634	-0,027	0,310
CHR9	8894749	CHR9:8894749	SSF x Far_LoA	-10,1300207	-0,024	0,304
CHR9	8896243	CHR9:8896243	SSF x Far_LoA	-10,340205	0,052	0,311
CHR9	8896261	CHR9:8896261	SSF x Far_LoA	-8,26890481	0,019	0,316

CHR9	8896297	CHR9:8896297	SSF x Far_LoA	-4,55148624	-0,142	0,285
CHR9	8896316	CHR9:8896316	SSF x Far_LoA	-9,60093795	0,014	0,302
CHR9	8897560	CHR9:8897560	SSF x Far_LoA	-4,71200955	-0,071	0,304
CHR9	8898768	CHR9:8898768	SSF x Far_LoA	-11,1773462	-0,018	0,311
CHR9	8898816	CHR9:8898816	SSF x Far_LoA	-8,45692326	-0,095	0,310
CHR9	8898844	CHR9:8898844	SSF x Far_LoA	-8,88296662	0,088	0,311
CHR9	8921802	CHR9:8921802	SSF x Far_LoA	-7,82944464	0,094	0,301
CHR9	8921890	CHR9:8921890	SSF x Far_LoA	-10,5264176	-0,091	0,302
CHR9	8921899	CHR9:8921899	SSF x Far_LoA	-8,18023433	0,032	0,291
CHR9	8923471	CHR9:8923471	SSF x Far_LoA	-9,88390325	0,135	0,308
CHR9	8923472	CHR9:8923472	SSF x Far_LoA	-9,16559044	0,149	0,321
CHR9	8923511	CHR9:8923511	SSF x Far_LoA	-9,06292678	0,111	0,300
CHR9	8923527	CHR9:8923527	SSF x Far_LoA	-10,7514296	0,043	0,303
CHR9	8923556	CHR9:8923556	SSF x Far_LoA	-9,65598683	-0,030	0,304
CHR9	8923557	CHR9:8923557	SSF x Far_LoA	-8,28044151	0,085	0,308
CHR9	8924490	CHR9:8924490	SSF x Far_LoA	-11,3964468	0,080	0,299
CHR9	8926696	CHR9:8926696	SSF x Far_LoA	-9,66481914	-0,030	0,308
CHR9	8926740	CHR9:8926740	SSF x Far_LoA	-9,73116073	0,000	0,302
CHR9	8926773	CHR9:8926773	SSF x Far_LoA	-9,98017371	-0,012	0,316
CHR9	8926776	CHR9:8926776	SSF x Far_LoA	-9,17706377	-0,085	0,314
CHR9	8926809	CHR9:8926809	SSF x Far_LoA	-8,67979629	0,097	0,314
CHR9	8926815	CHR9:8926815	SSF x Far_LoA	-10,9043973	-0,067	0,303
CHR9	8926819	CHR9:8926819	SSF x Far_LoA	-10,6506525	0,092	0,300
CHR9	8926885	CHR9:8926885	SSF x Far_LoA	-11,4810781	0,014	0,308
CHR9	8926919	CHR9:8926919	SSF x Far_LoA	-7,08287438	-0,056	0,303
CHR9	8926925	CHR9:8926925	SSF x Far_LoA	-5,86969273	-0,181	0,290
CHR9	8926953	CHR9:8926953	SSF x Far_LoA	-11,93801	0,001	0,303
CHR9	8926960	CHR9:8926960	SSF x Far_LoA	-8,27425742	0,073	0,312
CHR9	8926967	CHR9:8926967	SSF x Far_LoA	-9,29949489	0,022	0,301
CHR9	8926971	CHR9:8926971	SSF x Far_LoA	5,15937171	0,216	0,292
CHR9	8935782	CHR9:8935782	SSF x Far_LoA	-7,74376586	0,049	0,316
CHR9	8935819	CHR9:8935819	SSF x Far_LoA	-10,9499169	0,039	0,330
CHR9	8936675	CHR9:8936675	SSF x Far_LoA	-9,71498729	-0,079	0,295
CHR9	8936683	CHR9:8936683	SSF x Far_LoA	-10,059667	-0,046	0,298
CHR9	8936761	CHR9:8936761	SSF x Far_LoA	-4,91367384	-0,051	0,302
CHR9	8936789	CHR9:8936789	SSF x Far_LoA	-9,18946571	-0,001	0,304
CHR9	8936801	CHR9:8936801	SSF x Far_LoA	-9,38275756	0,071	0,306
CHR9	8936803	CHR9:8936803	SSF x Far_LoA	-3,06122299	-0,082	0,321
CHR9	8936822	CHR9:8936822	SSF x Far_LoA	-8,21339724	-0,076	0,308
CHR9	894444	CHR9:894444	SSF x Far_LoA	-11,3605948	-0,009	0,317
CHR9	894519	CHR9:894519	SSF x Far_LoA	-9,40730917	0,015	0,304
CHR9	8953708	CHR9:8953708	SSF x Far_LoA	-7,32227505	0,108	0,298
CHR9	8965228	CHR9:8965228	SSF x Far_LoA	-7,15533208	0,119	0,311
CHR9	8965289	CHR9:8965289	SSF x Far_LoA	-10,4456594	0,162	0,286
CHR9	8965298	CHR9:8965298	SSF x Far_LoA	-9,42402927	-0,065	0,297
CHR9	8968259	CHR9:8968259	SSF x Far_LoA	-12,0139957	-0,020	0,307
CHR9	8968419	CHR9:8968419	SSF x Far_LoA	-10,0501532	0,005	0,301
CHR9	8968480	CHR9:8968480	SSF x Far_LoA	-10,3246798	0,007	0,294
CHR9	8968483	CHR9:8968483	SSF x Far_LoA	-9,39224935	0,014	0,320
CHR9	8970292	CHR9:8970292	SSF x Far_LoA	-10,5320213	0,005	0,308
CHR9	8977899	CHR9:8977899	SSF x Far_LoA	-6,32428948	-0,054	0,312
CHR9	8977916	CHR9:8977916	SSF x Far_LoA	-11,1845723	0,068	0,305
CHR9	8984834	CHR9:8984834	SSF x Far_LoA	-9,21274166	0,143	0,295

CHR9	8984838	CHR9:8984838	SSF x Far_LoA	-11,6051857	-0,010	0,305
CHR9	8984877	CHR9:8984877	SSF x Far_LoA	-9,12275761	-0,131	0,298
CHR9	8984900	CHR9:8984900	SSF x Far_LoA	-8,01586445	-0,074	0,318
CHR9	8984905	CHR9:8984905	SSF x Far_LoA	-5,14369578	0,032	0,303
CHR9	8984925	CHR9:8984925	SSF x Far_LoA	0,04308458	-0,096	0,310
CHR9	8984979	CHR9:8984979	SSF x Far_LoA	-11,7040787	-0,018	0,303
CHR9	8984991	CHR9:8984991	SSF x Far_LoA	-10,1847361	0,113	0,291
CHR9	8985094	CHR9:8985094	SSF x Far_LoA	-9,5188367	-0,072	0,320
CHR9	8990420	CHR9:8990420	SSF x Far_LoA	-8,455958	0,147	0,292
CHR9	8990454	CHR9:8990454	SSF x Far_LoA	-2,8294639	-0,113	0,311
CHR9	8993644	CHR9:8993644	SSF x Far_LoA	-9,97486992	0,065	0,307
CHR9	8993645	CHR9:8993645	SSF x Far_LoA	-6,77387672	-0,177	0,304
CHR9	8994451	CHR9:8994451	SSF x Far_LoA	-11,6453085	0,107	0,294
CHR9	8994479	CHR9:8994479	SSF x Far_LoA	-6,77768662	0,021	0,316
CHR9	8998776	CHR9:8998776	SSF x Far_LoA	-8,13726656	0,100	0,295
CHR9	8998842	CHR9:8998842	SSF x Far_LoA	-10,994412	-0,095	0,312
CHR9	8998851	CHR9:8998851	SSF x Far_LoA	-0,31855317	-0,098	0,325
CHR9	8998900	CHR9:8998900	SSF x Far_LoA	-10,1381568	0,042	0,293
CHR9	8999823	CHR9:8999823	SSF x Far_LoA	-10,3290709	0,021	0,318
CHR9	9000035	CHR9:9000035	SSF x Far_LoA	-8,8797568	0,089	0,299
CHR9	9001695	CHR9:9001695	SSF x Far_LoA	-5,18998281	0,117	0,314
CHR9	9001732	CHR9:9001732	SSF x Far_LoA	-8,18366331	-0,124	0,321
CHR9	9001754	CHR9:9001754	SSF x Far_LoA	-8,73937112	0,064	0,298
CHR9	9001755	CHR9:9001755	SSF x Far_LoA	-9,17341086	-0,031	0,299
CHR9	9008758	CHR9:9008758	SSF x Far_LoA	-8,10336526	-0,018	0,327
CHR9	9008762	CHR9:9008762	SSF x Far_LoA	-8,57277231	0,042	0,315
CHR9	9008777	CHR9:9008777	SSF x Far_LoA	-9,40168813	-0,088	0,317
CHR9	9008793	CHR9:9008793	SSF x Far_LoA	-9,49042577	0,028	0,312
CHR9	9008805	CHR9:9008805	SSF x Far_LoA	-9,8529486	-0,043	0,294
CHR9	9008809	CHR9:9008809	SSF x Far_LoA	-10,4753921	-0,010	0,306
CHR9	9008817	CHR9:9008817	SSF x Far_LoA	-8,81703089	0,017	0,312
CHR9	9008832	CHR9:9008832	SSF x Far_LoA	-8,85521443	-0,019	0,306
CHR9	9024756	CHR9:9024756	SSF x Far_LoA	-11,471513	0,027	0,294
CHR9	9030255	CHR9:9030255	SSF x Far_LoA	-7,46058915	-0,008	0,316
CHR9	9030481	CHR9:9030481	SSF x Far_LoA	-6,44629973	0,028	0,304
CHR9	9030509	CHR9:9030509	SSF x Far_LoA	-10,375106	-0,112	0,305
CHR9	9042712	CHR9:9042712	SSF x Far_LoA	-11,4320752	0,028	0,293
CHR9	9042733	CHR9:9042733	SSF x Far_LoA	-12,0501977	-0,011	0,304
CHR9	9042833	CHR9:9042833	SSF x Far_LoA	-12,4029523	0,002	0,309
CHR9	9042841	CHR9:9042841	SSF x Far_LoA	-9,04857522	-0,174	0,316
CHR9	9043429	CHR9:9043429	SSF x Far_LoA	-7,11393435	-0,148	0,298
CHR9	9043500	CHR9:9043500	SSF x Far_LoA	-9,51174438	-0,003	0,305
CHR9	9043550	CHR9:9043550	SSF x Far_LoA	-6,59391842	-0,166	0,312
CHR9	9043560	CHR9:9043560	SSF x Far_LoA	-8,86271719	-0,051	0,303
CHR9	9050623	CHR9:9050623	SSF x Far_LoA	-10,8833015	0,034	0,312
CHR9	9050624	CHR9:9050624	SSF x Far_LoA	-11,2257058	0,028	0,299
CHR9	9050629	CHR9:9050629	SSF x Far_LoA	-10,2798027	0,011	0,304
CHR9	9050630	CHR9:9050630	SSF x Far_LoA	-11,4869176	0,007	0,311
CHR9	9050632	CHR9:9050632	SSF x Far_LoA	-11,37031	0,037	0,303
CHR9	9050636	CHR9:9050636	SSF x Far_LoA	-10,4926778	0,039	0,316
CHR9	9050638	CHR9:9050638	SSF x Far_LoA	-10,9015875	0,035	0,313
CHR9	9055054	CHR9:9055054	SSF x Far_LoA	-10,0985198	-0,069	0,308
CHR9	9055091	CHR9:9055091	SSF x Far_LoA	-9,99932614	-0,052	0,308

CHR9	9055107	CHR9:9055107	SSF x Far_LoA	-9,46453633	-0,093	0,314
CHR9	9055137	CHR9:9055137	SSF x Far_LoA	-8,43034036	0,042	0,300
CHR9	9055173	CHR9:9055173	SSF x Far_LoA	-9,90968495	-0,106	0,304
CHR9	9055183	CHR9:9055183	SSF x Far_LoA	-11,190287	-0,017	0,310
CHR9	9055868	CHR9:9055868	SSF x Far_LoA	-7,64673675	0,007	0,316
CHR9	9055881	CHR9:9055881	SSF x Far_LoA	-8,11425543	0,081	0,299
CHR9	9055888	CHR9:9055888	SSF x Far_LoA	-8,50150334	0,005	0,308
CHR9	9055910	CHR9:9055910	SSF x Far_LoA	-9,72589096	-0,044	0,294
CHR9	9055928	CHR9:9055928	SSF x Far_LoA	-10,5631653	-0,005	0,312
CHR9	9055985	CHR9:9055985	SSF x Far_LoA	-10,7140455	0,042	0,309
CHR9	9055989	CHR9:9055989	SSF x Far_LoA	-10,8866036	-0,007	0,304
CHR9	9064572	CHR9:9064572	SSF x Far_LoA	-11,1559042	0,013	0,307
CHR9	9064638	CHR9:9064638	SSF x Far_LoA	-11,1690182	-0,024	0,283
CHR9	9064651	CHR9:9064651	SSF x Far_LoA	-9,33926699	-0,071	0,304
CHR9	9064681	CHR9:9064681	SSF x Far_LoA	-12,4982918	0,013	0,307
CHR9	9065336	CHR9:9065336	SSF x Far_LoA	-8,98636691	0,019	0,312
CHR9	9065387	CHR9:9065387	SSF x Far_LoA	-9,4977437	0,034	0,313
CHR9	9065394	CHR9:9065394	SSF x Far_LoA	-8,89522136	0,051	0,297
CHR9	9065396	CHR9:9065396	SSF x Far_LoA	-10,7673823	0,037	0,309
CHR9	9069537	CHR9:9069537	SSF x Far_LoA	-11,9608632	-0,054	0,292
CHR9	9079964	CHR9:9079964	SSF x Far_LoA	-10,5553313	0,092	0,301
CHR9	9080117	CHR9:9080117	SSF x Far_LoA	-10,4841389	-0,075	0,303
CHR9	9080121	CHR9:9080121	SSF x Far_LoA	-11,6934122	-0,071	0,310
CHR9	9087394	CHR9:9087394	SSF x Far_LoA	-10,5404991	-0,090	0,298
CHR9	9087410	CHR9:9087410	SSF x Far_LoA	-8,29005051	-0,094	0,306
CHR9	9087435	CHR9:9087435	SSF x Far_LoA	-11,2822622	0,068	0,300
CHR9	9087455	CHR9:9087455	SSF x Far_LoA	-4,78122908	0,001	0,307
CHR9	9087876	CHR9:9087876	SSF x Far_LoA	-11,2405452	0,019	0,300
CHR9	9087901	CHR9:9087901	SSF x Far_LoA	-10,0744421	-0,039	0,308
CHR9	9087936	CHR9:9087936	SSF x Far_LoA	-11,3560969	-0,016	0,311
CHR9	9091058	CHR9:9091058	SSF x Far_LoA	-11,4625679	0,006	0,308
CHR9	9091073	CHR9:9091073	SSF x Far_LoA	-12,067635	0,036	0,300
CHR9	9092479	CHR9:9092479	SSF x Far_LoA	-10,0523407	0,114	0,299
CHR9	9092502	CHR9:9092502	SSF x Far_LoA	-10,0971362	0,138	0,298
CHR9	9107602	CHR9:9107602	SSF x Far_LoA	-9,50251343	0,110	0,310
CHR9	9107610	CHR9:9107610	SSF x Far_LoA	-10,3469973	0,012	0,320
CHR9	9107655	CHR9:9107655	SSF x Far_LoA	-12,1674309	-0,059	0,305
CHR9	9107690	CHR9:9107690	SSF x Far_LoA	-5,62723404	-0,077	0,312
CHR9	9107709	CHR9:9107709	SSF x Far_LoA	-2,27504895	-0,063	0,298
CHR9	9107741	CHR9:9107741	SSF x Far_LoA	-8,34947078	0,013	0,301
CHR9	9108601	CHR9:9108601	SSF x Far_LoA	-10,8861784	-0,061	0,317
CHR9	9108603	CHR9:9108603	SSF x Far_LoA	-10,5683194	0,000	0,323
CHR9	9108604	CHR9:9108604	SSF x Far_LoA	-8,66243823	-0,061	0,299
CHR9	9108608	CHR9:9108608	SSF x Far_LoA	-10,402313	0,116	0,306
CHR9	9108630	CHR9:9108630	SSF x Far_LoA	-11,7921442	0,020	0,307
CHR9	9134599	CHR9:9134599	SSF x Far_LoA	-9,1447992	0,049	0,309
CHR9	9137012	CHR9:9137012	SSF x Far_LoA	-9,08936816	-0,031	0,295
CHR9	9146544	CHR9:9146544	SSF x Far_LoA	-10,6952928	0,004	0,311
CHR9	9158446	CHR9:9158446	SSF x Far_LoA	-10,8123802	0,059	0,308
CHR9	9163780	CHR9:9163780	SSF x Far_LoA	-6,38124073	-0,078	0,312
CHR9	9167264	CHR9:9167264	SSF x Far_LoA	-7,29763288	-0,120	0,302
CHR9	9167279	CHR9:9167279	SSF x Far_LoA	-9,69191358	0,067	0,316
CHR9	9176330	CHR9:9176330	SSF x Far_LoA	-11,3666111	0,031	0,306

CHR9	9178746	CHR9:9178746	SSF x Far_LoA	-8,02504505	-0,007	0,310
CHR9	9178823	CHR9:9178823	SSF x Far_LoA	-5,76152125	-0,200	0,289
CHR9	9178985	CHR9:9178985	SSF x Far_LoA	-6,26810353	-0,094	0,300
CHR9	9183841	CHR9:9183841	SSF x Far_LoA	-8,38039007	-0,065	0,281
CHR9	9183854	CHR9:9183854	SSF x Far_LoA	-8,17929384	-0,111	0,294
CHR9	9183857	CHR9:9183857	SSF x Far_LoA	-10,1834119	-0,105	0,297
CHR9	9183907	CHR9:9183907	SSF x Far_LoA	-9,47815159	-0,042	0,305
CHR9	9191221	CHR9:9191221	SSF x Far_LoA	-9,36486428	0,087	0,308
CHR9	9191246	CHR9:9191246	SSF x Far_LoA	-10,3608711	0,107	0,310
CHR9	9191289	CHR9:9191289	SSF x Far_LoA	-7,96313355	0,102	0,305
CHR9	9191381	CHR9:9191381	SSF x Far_LoA	-9,38201627	-0,001	0,319
CHR9	9191383	CHR9:9191383	SSF x Far_LoA	-9,87046412	0,023	0,307
CHR9	9198837	CHR9:9198837	SSF x Far_LoA	-7,74137178	-0,092	0,303
CHR9	9207968	CHR9:9207968	SSF x Far_LoA	-11,2136716	-0,045	0,285
CHR9	9216413	CHR9:9216413	SSF x Far_LoA	-9,56454665	0,038	0,307
CHR9	9223851	CHR9:9223851	SSF x Far_LoA	-9,93060128	-0,006	0,298
CHR9	9227975	CHR9:9227975	SSF x Far_LoA	-8,51737592	0,006	0,305
CHR9	9232470	CHR9:9232470	SSF x Far_LoA	-9,56650567	0,006	0,285
CHR9	9232632	CHR9:9232632	SSF x Far_LoA	-8,01452917	-0,045	0,323
CHR9	9234346	CHR9:9234346	SSF x Far_LoA	-11,5439821	-0,031	0,302
CHR9	9248896	CHR9:9248896	SSF x Far_LoA	-8,98375356	0,110	0,316
CHR9	9248928	CHR9:9248928	SSF x Far_LoA	-9,24754127	-0,112	0,297
CHR9	9248977	CHR9:9248977	SSF x Far_LoA	-9,46639509	-0,178	0,308
CHR9	9248998	CHR9:9248998	SSF x Far_LoA	-9,16487513	0,027	0,304
CHR9	9263138	CHR9:9263138	SSF x Far_LoA	-11,0911632	0,039	0,316
CHR9	9274815	CHR9:9274815	SSF x Far_LoA	-7,89932043	-0,095	0,309
CHR9	9274997	CHR9:9274997	SSF x Far_LoA	-4,4954592	-0,133	0,312
CHR9	9274999	CHR9:9274999	SSF x Far_LoA	-8,02877115	-0,064	0,312
CHR9	9275048	CHR9:9275048	SSF x Far_LoA	-10,3410516	0,073	0,309
CHR9	9275061	CHR9:9275061	SSF x Far_LoA	-11,2035106	-0,080	0,307
CHR9	9275084	CHR9:9275084	SSF x Far_LoA	-11,7825947	-0,004	0,305
CHR9	9275115	CHR9:9275115	SSF x Far_LoA	-9,2205183	0,015	0,301
CHR9	9275177	CHR9:9275177	SSF x Far_LoA	-11,4845541	0,053	0,310
CHR9	9280356	CHR9:9280356	SSF x Far_LoA	-11,9993159	-0,004	0,297
CHR9	9280685	CHR9:9280685	SSF x Far_LoA	-8,36424009	0,011	0,303
CHR9	9283894	CHR9:9283894	SSF x Far_LoA	-5,67716346	0,120	0,298
CHR9	9283930	CHR9:9283930	SSF x Far_LoA	-8,69317524	0,001	0,301
CHR9	9283972	CHR9:9283972	SSF x Far_LoA	-7,87591099	0,029	0,311
CHR9	9284654	CHR9:9284654	SSF x Far_LoA	-9,05311799	0,077	0,287
CHR9	9289196	CHR9:9289196	SSF x Far_LoA	-10,016251	-0,006	0,303
CHR9	9295505	CHR9:9295505	SSF x Far_LoA	-9,61729758	0,075	0,316
CHR9	9300734	CHR9:9300734	SSF x Far_LoA	-9,40195505	0,026	0,291
CHR9	9300777	CHR9:9300777	SSF x Far_LoA	-10,4851559	0,034	0,304
CHR9	9303332	CHR9:9303332	SSF x Far_LoA	-10,0448859	0,030	0,300
CHR9	9303374	CHR9:9303374	SSF x Far_LoA	-8,27995699	0,094	0,294
CHR9	9303377	CHR9:9303377	SSF x Far_LoA	-8,89144949	-0,115	0,317
CHR9	9303454	CHR9:9303454	SSF x Far_LoA	-9,30123836	0,099	0,303
CHR9	9303498	CHR9:9303498	SSF x Far_LoA	-10,6783146	-0,071	0,308
CHR9	9303511	CHR9:9303511	SSF x Far_LoA	-8,53788985	0,112	0,311
CHR9	9305316	CHR9:9305316	SSF x Far_LoA	-9,22433801	-0,013	0,303
CHR9	9305319	CHR9:9305319	SSF x Far_LoA	-7,55865398	0,016	0,314
CHR9	9305326	CHR9:9305326	SSF x Far_LoA	-8,45383184	-0,089	0,309
CHR9	9305365	CHR9:9305365	SSF x Far_LoA	-9,14655378	-0,106	0,314

CHR9	9305366	CHR9:9305366	SSF x Far_LoA	-4,52890752	0,168	0,293
CHR9	9312459	CHR9:9312459	SSF x Far_LoA	-10,211808	-0,058	0,320
CHR9	9312488	CHR9:9312488	SSF x Far_LoA	-9,03057463	0,073	0,314
CHR9	9312498	CHR9:9312498	SSF x Far_LoA	-9,67789319	-0,043	0,304
CHR9	9312514	CHR9:9312514	SSF x Far_LoA	-12,2443575	-0,013	0,299
CHR9	9312561	CHR9:9312561	SSF x Far_LoA	-8,10002102	-0,055	0,305
CHR9	9315827	CHR9:9315827	SSF x Far_LoA	-11,2001846	-0,080	0,302
CHR9	9315828	CHR9:9315828	SSF x Far_LoA	-11,9490556	-0,103	0,298
CHR9	9315831	CHR9:9315831	SSF x Far_LoA	-11,7520181	-0,072	0,307
CHR9	932012	CHR9:932012	SSF x Far_LoA	-7,72773822	0,050	0,301
CHR9	932066	CHR9:932066	SSF x Far_LoA	-9,19456059	0,016	0,307
CHR9	932080	CHR9:932080	SSF x Far_LoA	-5,26915875	-0,060	0,314
CHR9	932119	CHR9:932119	SSF x Far_LoA	-9,41120624	-0,083	0,309
CHR9	932178	CHR9:932178	SSF x Far_LoA	-9,3106679	0,113	0,306
CHR9	932186	CHR9:932186	SSF x Far_LoA	-7,29932918	-0,071	0,308
CHR9	9322334	CHR9:9322334	SSF x Far_LoA	-5,99158947	-0,078	0,316
CHR9	9334247	CHR9:9334247	SSF x Far_LoA	-3,78803952	0,037	0,304
CHR9	9335627	CHR9:9335627	SSF x Far_LoA	-10,4640465	0,032	0,316
CHR9	9338545	CHR9:9338545	SSF x Far_LoA	-4,14283151	-0,166	0,309
CHR9	9338637	CHR9:9338637	SSF x Far_LoA	-12,2161644	0,056	0,289
CHR9	9338777	CHR9:9338777	SSF x Far_LoA	-7,95290483	0,106	0,307
CHR9	9340246	CHR9:9340246	SSF x Far_LoA	-9,38093791	0,000	0,312
CHR9	9340253	CHR9:9340253	SSF x Far_LoA	-8,13621107	-0,038	0,301
CHR9	9340277	CHR9:9340277	SSF x Far_LoA	-10,9940867	-0,062	0,297
CHR9	934716	CHR9:934716	SSF x Far_LoA	-4,9536262	-0,009	0,288
CHR9	934766	CHR9:934766	SSF x Far_LoA	-8,86962124	0,094	0,314
CHR9	934788	CHR9:934788	SSF x Far_LoA	-4,27364146	0,025	0,324
CHR9	934862	CHR9:934862	SSF x Far_LoA	-9,72133775	0,083	0,307
CHR9	9353837	CHR9:9353837	SSF x Far_LoA	-5,82004063	0,111	0,298
CHR9	9353854	CHR9:9353854	SSF x Far_LoA	-9,33099861	0,085	0,314
CHR9	9353864	CHR9:9353864	SSF x Far_LoA	-10,9377171	0,007	0,302
CHR9	9353943	CHR9:9353943	SSF x Far_LoA	-7,81227543	0,001	0,315
CHR9	9366772	CHR9:9366772	SSF x Far_LoA	-10,2627487	-0,014	0,290
CHR9	9366815	CHR9:9366815	SSF x Far_LoA	-5,79051071	0,144	0,297
CHR9	9366830	CHR9:9366830	SSF x Far_LoA	-11,694765	0,068	0,302
CHR9	9366843	CHR9:9366843	SSF x Far_LoA	-7,61070357	-0,156	0,307
CHR9	9366969	CHR9:9366969	SSF x Far_LoA	-4,85659281	0,055	0,308
CHR9	9366998	CHR9:9366998	SSF x Far_LoA	-9,63124108	-0,015	0,326
CHR9	937773	CHR9:937773	SSF x Far_LoA	-2,84379309	0,209	0,290
CHR9	9383074	CHR9:9383074	SSF x Far_LoA	-7,29812701	0,013	0,323
CHR9	9383137	CHR9:9383137	SSF x Far_LoA	-9,1067427	-0,068	0,303
CHR9	9383140	CHR9:9383140	SSF x Far_LoA	-11,2770473	0,060	0,312
CHR9	9386409	CHR9:9386409	SSF x Far_LoA	-9,99766435	-0,124	0,295
CHR9	9386491	CHR9:9386491	SSF x Far_LoA	-5,05692689	0,128	0,314
CHR9	9386682	CHR9:9386682	SSF x Far_LoA	-7,69682576	0,066	0,306
CHR9	9392275	CHR9:9392275	SSF x Far_LoA	-6,04950683	0,039	0,303
CHR9	9402437	CHR9:9402437	SSF x Far_LoA	-8,22541212	-0,003	0,313
CHR9	9402463	CHR9:9402463	SSF x Far_LoA	-7,8133963	0,035	0,314
CHR9	9402547	CHR9:9402547	SSF x Far_LoA	-8,96786345	0,018	0,300
CHR9	9402548	CHR9:9402548	SSF x Far_LoA	-7,36204917	-0,179	0,298
CHR9	9402562	CHR9:9402562	SSF x Far_LoA	-9,4746459	0,082	0,294
CHR9	9402564	CHR9:9402564	SSF x Far_LoA	-9,40788554	-0,141	0,308
CHR9	9402566	CHR9:9402566	SSF x Far_LoA	-8,37170354	0,075	0,302

CHR9	9402600	CHR9:9402600	SSF x Far_LoA	-10,0357222	0,000	0,322
CHR9	9402647	CHR9:9402647	SSF x Far_LoA	-9,55224864	-0,031	0,309
CHR9	9402679	CHR9:9402679	SSF x Far_LoA	-7,21398639	-0,025	0,322
CHR9	9402697	CHR9:9402697	SSF x Far_LoA	-6,29553827	0,024	0,330
CHR9	9405403	CHR9:9405403	SSF x Far_LoA	-5,19968493	0,018	0,323
CHR9	9405416	CHR9:9405416	SSF x Far_LoA	-9,56155648	-0,059	0,323
CHR9	9405465	CHR9:9405465	SSF x Far_LoA	-10,1210983	0,080	0,312
CHR9	9413210	CHR9:9413210	SSF x Far_LoA	-10,4834525	0,050	0,296
CHR9	9413256	CHR9:9413256	SSF x Far_LoA	-9,45690647	-0,018	0,299
CHR9	9414497	CHR9:9414497	SSF x Far_LoA	-9,64428203	0,116	0,305
CHR9	9416217	CHR9:9416217	SSF x Far_LoA	-11,1362715	-0,071	0,295
CHR9	9416265	CHR9:9416265	SSF x Far_LoA	-9,34832464	-0,047	0,305
CHR9	9416298	CHR9:9416298	SSF x Far_LoA	-10,1535217	-0,012	0,317
CHR9	9416301	CHR9:9416301	SSF x Far_LoA	-7,70288062	0,095	0,310
CHR9	9416302	CHR9:9416302	SSF x Far_LoA	-9,49348942	0,035	0,314
CHR9	9416334	CHR9:9416334	SSF x Far_LoA	-8,37159037	-0,118	0,303
CHR9	9416345	CHR9:9416345	SSF x Far_LoA	-7,0014064	-0,020	0,294
CHR9	9416398	CHR9:9416398	SSF x Far_LoA	-4,949187	-0,007	0,318
CHR9	9422422	CHR9:9422422	SSF x Far_LoA	-7,31916108	0,004	0,313
CHR9	9422443	CHR9:9422443	SSF x Far_LoA	-8,58602009	-0,044	0,305
CHR9	9422535	CHR9:9422535	SSF x Far_LoA	-9,00029361	-0,069	0,297
CHR9	9423528	CHR9:9423528	SSF x Far_LoA	-8,81023028	0,010	0,308
CHR9	9423585	CHR9:9423585	SSF x Far_LoA	-11,0466188	-0,051	0,308
CHR9	9454892	CHR9:9454892	SSF x Far_LoA	-6,29710839	0,008	0,300
CHR9	9471626	CHR9:9471626	SSF x Far_LoA	-10,7284432	0,094	0,312
CHR9	9472503	CHR9:9472503	SSF x Far_LoA	-8,4113959	0,019	0,298
CHR9	9472535	CHR9:9472535	SSF x Far_LoA	-8,73288969	0,004	0,313
CHR9	9479688	CHR9:9479688	SSF x Far_LoA	-8,85421916	0,132	0,316
CHR9	9485404	CHR9:9485404	SSF x Far_LoA	-8,90672601	-0,023	0,317
CHR9	9485441	CHR9:9485441	SSF x Far_LoA	-11,4894516	-0,044	0,309
CHR9	9485451	CHR9:9485451	SSF x Far_LoA	-10,138012	0,056	0,306
CHR9	9485457	CHR9:9485457	SSF x Far_LoA	-11,6554063	-0,041	0,301
CHR9	9485485	CHR9:9485485	SSF x Far_LoA	-10,0937257	0,026	0,316
CHR9	9485502	CHR9:9485502	SSF x Far_LoA	-8,91636681	-0,046	0,313
CHR9	9485525	CHR9:9485525	SSF x Far_LoA	-9,87618539	0,120	0,299
CHR9	9485550	CHR9:9485550	SSF x Far_LoA	-6,98291893	-0,188	0,306
CHR9	9485637	CHR9:9485637	SSF x Far_LoA	-7,34888588	-0,106	0,301
CHR9	9490906	CHR9:9490906	SSF x Far_LoA	-7,30595158	0,054	0,317
CHR9	9490908	CHR9:9490908	SSF x Far_LoA	-9,59628536	0,077	0,312
CHR9	9490914	CHR9:9490914	SSF x Far_LoA	-10,0679895	0,061	0,306
CHR9	9490916	CHR9:9490916	SSF x Far_LoA	-12,2908599	0,045	0,297
CHR9	9490970	CHR9:9490970	SSF x Far_LoA	-10,4006503	0,019	0,307
CHR9	9490984	CHR9:9490984	SSF x Far_LoA	-9,25995634	0,084	0,319
CHR9	9506822	CHR9:9506822	SSF x Far_LoA	-9,36654752	0,031	0,308
CHR9	9506909	CHR9:9506909	SSF x Far_LoA	-11,4187072	-0,047	0,315
CHR9	9506987	CHR9:9506987	SSF x Far_LoA	-10,966774	-0,038	0,315
CHR9	950700	CHR9:950700	SSF x Far_LoA	-9,71005273	-0,051	0,307
CHR9	950759	CHR9:950759	SSF x Far_LoA	-8,78956945	-0,100	0,305
CHR9	950766	CHR9:950766	SSF x Far_LoA	-11,3788221	0,056	0,313
CHR9	9508442	CHR9:9508442	SSF x Far_LoA	-10,0370851	-0,010	0,317
CHR9	9508462	CHR9:9508462	SSF x Far_LoA	-9,90604055	0,026	0,300
CHR9	9508507	CHR9:9508507	SSF x Far_LoA	-10,476131	0,014	0,315
CHR9	9508522	CHR9:9508522	SSF x Far_LoA	-8,50466176	-0,023	0,294

CHR9	9509752	CHR9:9509752	SSF x Far_LoA	-9,78470434	-0,114	0,309
CHR9	9509772	CHR9:9509772	SSF x Far_LoA	-8,1657967	-0,138	0,313
CHR9	9509869	CHR9:9509869	SSF x Far_LoA	-11,0232732	-0,075	0,302
CHR9	9510715	CHR9:9510715	SSF x Far_LoA	-2,13095076	0,001	0,300
CHR9	9515613	CHR9:9515613	SSF x Far_LoA	-6,65475079	-0,108	0,297
CHR9	9519704	CHR9:9519704	SSF x Far_LoA	-8,12530789	0,012	0,301
CHR9	9519744	CHR9:9519744	SSF x Far_LoA	-9,40226377	0,005	0,308
CHR9	9519747	CHR9:9519747	SSF x Far_LoA	-6,57563294	-0,218	0,305
CHR9	9519758	CHR9:9519758	SSF x Far_LoA	-5,5975891	-0,197	0,298
CHR9	9519922	CHR9:9519922	SSF x Far_LoA	-9,12406528	-0,022	0,319
CHR9	9523806	CHR9:9523806	SSF x Far_LoA	-7,22056402	-0,066	0,295
CHR9	9523892	CHR9:9523892	SSF x Far_LoA	-10,225373	-0,043	0,301
CHR9	9524050	CHR9:9524050	SSF x Far_LoA	-10,6903217	0,014	0,303
CHR9	9529589	CHR9:9529589	SSF x Far_LoA	-11,3780607	-0,030	0,311
CHR9	9529634	CHR9:9529634	SSF x Far_LoA	-1,90258745	-0,009	0,303
CHR9	9529645	CHR9:9529645	SSF x Far_LoA	-10,0087119	0,114	0,300
CHR9	9529756	CHR9:9529756	SSF x Far_LoA	-11,5210346	0,034	0,303
CHR9	9529857	CHR9:9529857	SSF x Far_LoA	-11,3904965	-0,044	0,316
CHR9	9529930	CHR9:9529930	SSF x Far_LoA	-9,82670905	0,030	0,318
CHR9	9535513	CHR9:9535513	SSF x Far_LoA	-8,39313892	0,030	0,304
CHR9	9535699	CHR9:9535699	SSF x Far_LoA	-8,68435648	-0,098	0,302
CHR9	9540824	CHR9:9540824	SSF x Far_LoA	-9,83969616	0,028	0,305
CHR9	9540844	CHR9:9540844	SSF x Far_LoA	-7,32215102	0,135	0,306
CHR9	9540861	CHR9:9540861	SSF x Far_LoA	-7,96509216	0,137	0,296
CHR9	9540867	CHR9:9540867	SSF x Far_LoA	-10,5742621	0,071	0,315
CHR9	9540956	CHR9:9540956	SSF x Far_LoA	-10,5891392	-0,052	0,302
CHR9	9543028	CHR9:9543028	SSF x Far_LoA	-8,9459419	-0,028	0,304
CHR9	9543092	CHR9:9543092	SSF x Far_LoA	-10,072641	-0,158	0,298
CHR9	9543146	CHR9:9543146	SSF x Far_LoA	-10,3564073	0,092	0,314
CHR9	9543186	CHR9:9543186	SSF x Far_LoA	-7,736502	-0,047	0,313
CHR9	9543270	CHR9:9543270	SSF x Far_LoA	-11,5078917	0,080	0,301
CHR9	9543342	CHR9:9543342	SSF x Far_LoA	-12,2821275	-0,007	0,300
CHR9	9546420	CHR9:9546420	SSF x Far_LoA	-9,21189716	0,022	0,311
CHR9	9546450	CHR9:9546450	SSF x Far_LoA	-10,6183912	0,114	0,303
CHR9	9546599	CHR9:9546599	SSF x Far_LoA	-6,3442353	0,090	0,288
CHR9	9546613	CHR9:9546613	SSF x Far_LoA	-8,23130769	-0,052	0,284
CHR9	9550820	CHR9:9550820	SSF x Far_LoA	-8,81312352	0,028	0,301
CHR9	9550835	CHR9:9550835	SSF x Far_LoA	-10,6548503	-0,081	0,308
CHR9	9550961	CHR9:9550961	SSF x Far_LoA	-8,66733025	0,018	0,303
CHR9	9551092	CHR9:9551092	SSF x Far_LoA	-9,81397916	0,020	0,296
CHR9	9551100	CHR9:9551100	SSF x Far_LoA	-7,54583658	0,032	0,319
CHR9	9551115	CHR9:9551115	SSF x Far_LoA	-0,32881461	-0,043	0,311
CHR9	9557773	CHR9:9557773	SSF x Far_LoA	-9,23179763	0,135	0,294
CHR9	9557961	CHR9:9557961	SSF x Far_LoA	-10,9818447	0,054	0,303
CHR9	9560959	CHR9:9560959	SSF x Far_LoA	-10,4398093	-0,027	0,316
CHR9	9561080	CHR9:9561080	SSF x Far_LoA	-9,44728565	-0,041	0,329
CHR9	9568286	CHR9:9568286	SSF x Far_LoA	-9,51502929	0,132	0,301
CHR9	9568296	CHR9:9568296	SSF x Far_LoA	-3,79156178	0,139	0,302
CHR9	9568353	CHR9:9568353	SSF x Far_LoA	-9,38087133	0,107	0,294
CHR9	9568409	CHR9:9568409	SSF x Far_LoA	-6,93921911	-0,080	0,306
CHR9	9568523	CHR9:9568523	SSF x Far_LoA	-8,6832819	0,054	0,323
CHR9	9568563	CHR9:9568563	SSF x Far_LoA	-7,20471911	-0,199	0,287
CHR9	9572015	CHR9:9572015	SSF x Far_LoA	-11,7461021	0,063	0,288

CHR9	9572277	CHR9:9572277	SSF x Far_LoA	-10,8717271	-0,031	0,305
CHR9	9574640	CHR9:9574640	SSF x Far_LoA	-9,62764943	0,022	0,312
CHR9	9574649	CHR9:9574649	SSF x Far_LoA	-8,84106739	0,108	0,301
CHR9	9579104	CHR9:9579104	SSF x Far_LoA	-8,72111321	-0,002	0,302
CHR9	9579293	CHR9:9579293	SSF x Far_LoA	-8,78633382	-0,056	0,318
CHR9	9579301	CHR9:9579301	SSF x Far_LoA	-9,94804914	0,007	0,293
CHR9	9579305	CHR9:9579305	SSF x Far_LoA	-9,90125108	-0,005	0,300
CHR9	9589654	CHR9:9589654	SSF x Far_LoA	-8,25504617	-0,053	0,302
CHR9	9590824	CHR9:9590824	SSF x Far_LoA	-6,28554483	0,137	0,311
CHR9	9595521	CHR9:9595521	SSF x Far_LoA	-10,1514969	0,017	0,306
CHR9	9595711	CHR9:9595711	SSF x Far_LoA	-10,9936632	-0,058	0,305
CHR9	9595809	CHR9:9595809	SSF x Far_LoA	-8,19287051	0,024	0,298
CHR9	9607928	CHR9:9607928	SSF x Far_LoA	-8,52481396	0,019	0,319
CHR9	9607935	CHR9:9607935	SSF x Far_LoA	-10,0291324	0,013	0,304
CHR9	9608027	CHR9:9608027	SSF x Far_LoA	-5,55681705	-0,178	0,312
CHR9	9608081	CHR9:9608081	SSF x Far_LoA	-11,0704799	0,071	0,307
CHR9	9611976	CHR9:9611976	SSF x Far_LoA	-7,79152554	-0,081	0,295
CHR9	9621663	CHR9:9621663	SSF x Far_LoA	-10,8159228	0,080	0,298
CHR9	9621683	CHR9:9621683	SSF x Far_LoA	-2,68509534	-0,038	0,312
CHR9	9630820	CHR9:9630820	SSF x Far_LoA	1,78229097	0,137	0,300
CHR9	9630981	CHR9:9630981	SSF x Far_LoA	-3,38109235	-0,237	0,286
CHR9	9633998	CHR9:9633998	SSF x Far_LoA	-9,57512366	0,005	0,318
CHR9	9634014	CHR9:9634014	SSF x Far_LoA	-8,89827587	-0,020	0,302
CHR9	9634153	CHR9:9634153	SSF x Far_LoA	-10,9820339	-0,055	0,309
CHR9	9635277	CHR9:9635277	SSF x Far_LoA	-10,5797168	0,035	0,302
CHR9	9635487	CHR9:9635487	SSF x Far_LoA	-9,47694127	-0,052	0,297
CHR9	9635587	CHR9:9635587	SSF x Far_LoA	-11,0546458	-0,070	0,310
CHR9	9639633	CHR9:9639633	SSF x Far_LoA	-4,48566138	-0,049	0,302
CHR9	9639671	CHR9:9639671	SSF x Far_LoA	-10,5605084	-0,077	0,295
CHR9	9639761	CHR9:9639761	SSF x Far_LoA	-6,397286	-0,048	0,315
CHR9	9639798	CHR9:9639798	SSF x Far_LoA	-8,25930272	-0,067	0,306
CHR9	9639814	CHR9:9639814	SSF x Far_LoA	-7,60596106	0,101	0,286
CHR9	9639815	CHR9:9639815	SSF x Far_LoA	-5,9365727	-0,143	0,302
CHR9	9639836	CHR9:9639836	SSF x Far_LoA	-6,23314691	0,067	0,300
CHR9	9639846	CHR9:9639846	SSF x Far_LoA	-8,25723191	-0,026	0,301
CHR9	9639861	CHR9:9639861	SSF x Far_LoA	-9,76180051	0,012	0,310
CHR9	9639879	CHR9:9639879	SSF x Far_LoA	-9,16781392	-0,043	0,317
CHR9	9639883	CHR9:9639883	SSF x Far_LoA	-7,66659683	-0,017	0,317
CHR9	9639905	CHR9:9639905	SSF x Far_LoA	-10,1430008	0,029	0,306
CHR9	9639911	CHR9:9639911	SSF x Far_LoA	-9,63669037	0,023	0,312
CHR9	9655151	CHR9:9655151	SSF x Far_LoA	-8,27198614	0,002	0,312
CHR9	9655166	CHR9:9655166	SSF x Far_LoA	-6,67997081	0,013	0,323
CHR9	9657833	CHR9:9657833	SSF x Far_LoA	-9,0625806	-0,031	0,314
CHR9	9679301	CHR9:9679301	SSF x Far_LoA	-6,66086531	-0,061	0,300
CHR9	9679495	CHR9:9679495	SSF x Far_LoA	-4,37458596	0,071	0,292
CHR9	9679502	CHR9:9679502	SSF x Far_LoA	-8,82763869	0,056	0,297
CHR9	9683955	CHR9:9683955	SSF x Far_LoA	-7,99649614	0,113	0,300
CHR9	9684882	CHR9:9684882	SSF x Far_LoA	-8,6156337	-0,097	0,309
CHR9	9688306	CHR9:9688306	SSF x Far_LoA	-9,59223847	-0,134	0,297
CHR9	9696550	CHR9:9696550	SSF x Far_LoA	-9,8063904	0,059	0,296
CHR9	9696750	CHR9:9696750	SSF x Far_LoA	-4,19908109	-0,120	0,319
CHR9	9707934	CHR9:9707934	SSF x Far_LoA	-8,02987629	0,034	0,312
CHR9	9712986	CHR9:9712986	SSF x Far_LoA	-10,4919102	-0,030	0,310

CHR9	9713063	CHR9:9713063	SSF x Far_LoA	-11,4829831	-0,042	0,306
CHR9	9719623	CHR9:9719623	SSF x Far_LoA	-5,8178197	0,118	0,323
CHR9	9739633	CHR9:9739633	SSF x Far_LoA	-7,63962813	0,070	0,308
CHR9	9741365	CHR9:9741365	SSF x Far_LoA	-10,9696068	0,008	0,299
CHR9	9741368	CHR9:9741368	SSF x Far_LoA	-10,4842635	0,018	0,302
CHR9	9741406	CHR9:9741406	SSF x Far_LoA	-11,2586369	0,087	0,299
CHR9	974752	CHR9:974752	SSF x Far_LoA	-9,46291233	0,075	0,316
CHR9	9750790	CHR9:9750790	SSF x Far_LoA	-10,5725704	0,004	0,316
CHR9	9750801	CHR9:9750801	SSF x Far_LoA	-11,4787379	-0,015	0,308
CHR9	9750813	CHR9:9750813	SSF x Far_LoA	-10,8899033	0,036	0,308
CHR9	9750818	CHR9:9750818	SSF x Far_LoA	-9,24006649	-0,184	0,301
CHR9	9750827	CHR9:9750827	SSF x Far_LoA	-7,41211433	-0,036	0,308
CHR9	9750839	CHR9:9750839	SSF x Far_LoA	-10,5310566	0,149	0,288
CHR9	9750857	CHR9:9750857	SSF x Far_LoA	-4,43652811	-0,154	0,306
CHR9	9750859	CHR9:9750859	SSF x Far_LoA	-9,37638867	-0,133	0,300
CHR9	9750862	CHR9:9750862	SSF x Far_LoA	-8,79680733	-0,167	0,301
CHR9	9750864	CHR9:9750864	SSF x Far_LoA	-8,63681707	-0,151	0,312
CHR9	9750871	CHR9:9750871	SSF x Far_LoA	-9,71585421	-0,151	0,303
CHR9	9750879	CHR9:9750879	SSF x Far_LoA	-8,67917768	-0,120	0,319
CHR9	9750886	CHR9:9750886	SSF x Far_LoA	-10,1660789	-0,139	0,292
CHR9	9750894	CHR9:9750894	SSF x Far_LoA	-10,2006131	-0,156	0,300
CHR9	9750932	CHR9:9750932	SSF x Far_LoA	-8,50756463	0,035	0,316
CHR9	9750961	CHR9:9750961	SSF x Far_LoA	-7,35962196	-0,152	0,302
CHR9	9750969	CHR9:9750969	SSF x Far_LoA	-7,55269648	-0,148	0,309
CHR9	9756408	CHR9:9756408	SSF x Far_LoA	-11,0230897	-0,034	0,303
CHR9	9764488	CHR9:9764488	SSF x Far_LoA	-8,66513231	0,020	0,313
CHR9	9764489	CHR9:9764489	SSF x Far_LoA	-10,3226499	-0,036	0,311
CHR9	9764626	CHR9:9764626	SSF x Far_LoA	-9,55563624	-0,169	0,304
CHR9	9764744	CHR9:9764744	SSF x Far_LoA	-6,93940339	-0,030	0,316
CHR9	9765751	CHR9:9765751	SSF x Far_LoA	-6,67260213	-0,125	0,303
CHR9	9772847	CHR9:9772847	SSF x Far_LoA	-10,7736468	-0,018	0,313
CHR9	9772898	CHR9:9772898	SSF x Far_LoA	-9,86080334	-0,111	0,295
CHR9	9772917	CHR9:9772917	SSF x Far_LoA	-8,37780281	-0,103	0,308
CHR9	9772999	CHR9:9772999	SSF x Far_LoA	-8,83149984	0,006	0,324
CHR9	9773021	CHR9:9773021	SSF x Far_LoA	-11,3470077	0,000	0,317
CHR9	9783178	CHR9:9783178	SSF x Far_LoA	-8,87916043	0,069	0,324
CHR9	9783187	CHR9:9783187	SSF x Far_LoA	-9,21887861	0,038	0,312
CHR9	9783211	CHR9:9783211	SSF x Far_LoA	-9,10365846	-0,066	0,290
CHR9	9783252	CHR9:9783252	SSF x Far_LoA	-5,07903244	-0,157	0,300
CHR9	9783291	CHR9:9783291	SSF x Far_LoA	-8,87294674	0,063	0,306
CHR9	9783301	CHR9:9783301	SSF x Far_LoA	-9,52548643	0,070	0,296
CHR9	9789236	CHR9:9789236	SSF x Far_LoA	0,34866259	0,306	0,293
CHR9	9792870	CHR9:9792870	SSF x Far_LoA	-9,05134516	-0,138	0,302
CHR9	9792907	CHR9:9792907	SSF x Far_LoA	-6,26003025	0,068	0,292
CHR9	9792947	CHR9:9792947	SSF x Far_LoA	-10,09904	-0,038	0,298
CHR9	9792954	CHR9:9792954	SSF x Far_LoA	-8,42092775	0,026	0,333
CHR9	9792955	CHR9:9792955	SSF x Far_LoA	-7,19575754	0,095	0,303
CHR9	9792969	CHR9:9792969	SSF x Far_LoA	-10,1760322	-0,002	0,306
CHR9	9792979	CHR9:9792979	SSF x Far_LoA	-8,930623	-0,196	0,306
CHR9	9793024	CHR9:9793024	SSF x Far_LoA	-9,66680317	-0,003	0,311
CHR9	9793026	CHR9:9793026	SSF x Far_LoA	-6,34251922	0,112	0,308
CHR9	9793029	CHR9:9793029	SSF x Far_LoA	-11,4619155	0,028	0,298
CHR9	9793039	CHR9:9793039	SSF x Far_LoA	-7,12831883	0,119	0,299

CHR9	9793062	CHR9:9793062	SSF x Far_LoA	-7,23159862	-0,100	0,292
CHR9	9796034	CHR9:9796034	SSF x Far_LoA	-10,8222879	-0,094	0,302
CHR9	9796076	CHR9:9796076	SSF x Far_LoA	-8,61386857	0,014	0,318
CHR9	9796087	CHR9:9796087	SSF x Far_LoA	-10,5115863	-0,058	0,312
CHR9	9796944	CHR9:9796944	SSF x Far_LoA	-10,4861225	-0,012	0,310
CHR9	9797026	CHR9:9797026	SSF x Far_LoA	-9,8163458	-0,028	0,310
CHR9	9797041	CHR9:9797041	SSF x Far_LoA	-10,093016	-0,006	0,305
CHR9	9804190	CHR9:9804190	SSF x Far_LoA	-7,11666143	-0,113	0,305
CHR9	9804217	CHR9:9804217	SSF x Far_LoA	-8,06754376	-0,058	0,295
CHR9	9804243	CHR9:9804243	SSF x Far_LoA	-8,9660866	-0,007	0,285
CHR9	9804250	CHR9:9804250	SSF x Far_LoA	-8,87942151	0,024	0,299
CHR9	9808713	CHR9:9808713	SSF x Far_LoA	-8,9607088	0,071	0,307
CHR9	9816896	CHR9:9816896	SSF x Far_LoA	-7,95828072	0,104	0,291
CHR9	9816984	CHR9:9816984	SSF x Far_LoA	-11,2884553	-0,098	0,305
CHR9	9816996	CHR9:9816996	SSF x Far_LoA	-3,64747733	-0,014	0,303
CHR9	9817002	CHR9:9817002	SSF x Far_LoA	-10,521015	-0,013	0,306
CHR9	9817014	CHR9:9817014	SSF x Far_LoA	-10,6356532	0,044	0,308
CHR9	9817093	CHR9:9817093	SSF x Far_LoA	-9,63338721	-0,037	0,292
CHR9	9821372	CHR9:9821372	SSF x Far_LoA	-12,2526747	-0,045	0,301
CHR9	9821383	CHR9:9821383	SSF x Far_LoA	-8,43366275	0,079	0,296
CHR9	9821393	CHR9:9821393	SSF x Far_LoA	-9,79454975	0,057	0,293
CHR9	9821454	CHR9:9821454	SSF x Far_LoA	-11,6750512	0,038	0,314
CHR9	9821464	CHR9:9821464	SSF x Far_LoA	-11,4251394	-0,052	0,304
CHR9	9822038	CHR9:9822038	SSF x Far_LoA	-9,96182557	0,066	0,317
CHR9	9822067	CHR9:9822067	SSF x Far_LoA	-8,96283522	0,022	0,325
CHR9	9822110	CHR9:9822110	SSF x Far_LoA	-8,84708516	-0,071	0,321
CHR9	9832994	CHR9:9832994	SSF x Far_LoA	-8,90051551	0,041	0,311
CHR9	9843810	CHR9:9843810	SSF x Far_LoA	-11,1484152	0,016	0,300
CHR9	9843867	CHR9:9843867	SSF x Far_LoA	-8,09329637	0,051	0,310
CHR9	9843959	CHR9:9843959	SSF x Far_LoA	-7,35936266	0,094	0,305
CHR9	984632	CHR9:984632	SSF x Far_LoA	-8,39650362	0,062	0,309
CHR9	984636	CHR9:984636	SSF x Far_LoA	-8,58585807	0,079	0,306
CHR9	9854120	CHR9:9854120	SSF x Far_LoA	-6,01583155	-0,029	0,304
CHR9	9854133	CHR9:9854133	SSF x Far_LoA	-9,19345796	-0,020	0,303
CHR9	9854184	CHR9:9854184	SSF x Far_LoA	-7,62137955	0,029	0,297
CHR9	9854235	CHR9:9854235	SSF x Far_LoA	-7,80068762	0,080	0,304
CHR9	9854242	CHR9:9854242	SSF x Far_LoA	-9,63169697	0,068	0,299
CHR9	9854262	CHR9:9854262	SSF x Far_LoA	-5,95093538	-0,133	0,298
CHR9	9863989	CHR9:9863989	SSF x Far_LoA	-11,4833934	-0,018	0,312
CHR9	9864002	CHR9:9864002	SSF x Far_LoA	-5,37014427	0,087	0,310
CHR9	9864093	CHR9:9864093	SSF x Far_LoA	-10,937245	0,005	0,300
CHR9	9864094	CHR9:9864094	SSF x Far_LoA	-7,93058417	0,013	0,309
CHR9	9864095	CHR9:9864095	SSF x Far_LoA	-9,75216811	0,003	0,307
CHR9	9864168	CHR9:9864168	SSF x Far_LoA	-11,5287214	-0,027	0,294
CHR9	9864233	CHR9:9864233	SSF x Far_LoA	-7,42861096	-0,157	0,297
CHR9	9864304	CHR9:9864304	SSF x Far_LoA	-11,1341127	0,010	0,315
CHR9	9868566	CHR9:9868566	SSF x Far_LoA	-9,56547965	0,056	0,310
CHR9	9868690	CHR9:9868690	SSF x Far_LoA	-12,2821384	0,065	0,302
CHR9	9868782	CHR9:9868782	SSF x Far_LoA	-9,63758288	0,074	0,300
CHR9	9868792	CHR9:9868792	SSF x Far_LoA	-7,17117775	-0,082	0,298
CHR9	9878140	CHR9:9878140	SSF x Far_LoA	-8,37324512	0,055	0,308
CHR9	9878241	CHR9:9878241	SSF x Far_LoA	-11,177924	-0,038	0,307
CHR9	9878242	CHR9:9878242	SSF x Far_LoA	-8,13203919	-0,097	0,314

CHR9	9878283	CHR9:9878283	SSF x Far_LoA	-10,2886439	0,104	0,306
CHR9	9878285	CHR9:9878285	SSF x Far_LoA	-9,04791942	-0,028	0,308
CHR9	9878333	CHR9:9878333	SSF x Far_LoA	-10,6015683	0,009	0,293
CHR9	9878335	CHR9:9878335	SSF x Far_LoA	-9,7695584	0,033	0,309
CHR9	9878391	CHR9:9878391	SSF x Far_LoA	-10,334362	-0,126	0,307
CHR9	9881388	CHR9:9881388	SSF x Far_LoA	-9,3703189	0,018	0,307
CHR9	9881402	CHR9:9881402	SSF x Far_LoA	-11,0164068	-0,137	0,299
CHR9	9881423	CHR9:9881423	SSF x Far_LoA	-12,3006732	0,048	0,304
CHR9	9881685	CHR9:9881685	SSF x Far_LoA	-9,44898266	-0,013	0,304
CHR9	9881690	CHR9:9881690	SSF x Far_LoA	-8,18463134	0,002	0,314
CHR9	9887397	CHR9:9887397	SSF x Far_LoA	-12,2309328	0,025	0,304
CHR9	9887526	CHR9:9887526	SSF x Far_LoA	-9,03560846	-0,074	0,301
CHR9	9888924	CHR9:9888924	SSF x Far_LoA	-8,44479833	-0,113	0,314
CHR9	9888966	CHR9:9888966	SSF x Far_LoA	-10,2162126	0,107	0,296
CHR9	9888973	CHR9:9888973	SSF x Far_LoA	-6,05976741	-0,123	0,319
CHR9	9889083	CHR9:9889083	SSF x Far_LoA	-10,8579765	-0,023	0,303
CHR9	9891448	CHR9:9891448	SSF x Far_LoA	-5,76826116	0,113	0,299
CHR9	9891465	CHR9:9891465	SSF x Far_LoA	-10,0328118	-0,031	0,307
CHR9	9891471	CHR9:9891471	SSF x Far_LoA	-6,70848556	-0,057	0,318
CHR9	9891492	CHR9:9891492	SSF x Far_LoA	-8,37428036	-0,115	0,301
CHR9	9891524	CHR9:9891524	SSF x Far_LoA	-9,21646026	-0,043	0,297
CHR9	9891584	CHR9:9891584	SSF x Far_LoA	-10,0693332	0,059	0,310
CHR9	9891612	CHR9:9891612	SSF x Far_LoA	-9,38750172	-0,048	0,290
CHR9	9891634	CHR9:9891634	SSF x Far_LoA	-9,73479987	0,078	0,296
CHR9	9891695	CHR9:9891695	SSF x Far_LoA	-10,5656893	-0,029	0,305
CHR9	9893785	CHR9:9893785	SSF x Far_LoA	-11,486481	-0,063	0,308
CHR9	9893823	CHR9:9893823	SSF x Far_LoA	-9,46003822	-0,026	0,323
CHR9	9893968	CHR9:9893968	SSF x Far_LoA	-8,42614741	-0,081	0,312
CHR9	9894043	CHR9:9894043	SSF x Far_LoA	-5,79559293	0,118	0,301
CHR9	9919747	CHR9:9919747	SSF x Far_LoA	-10,5623347	-0,061	0,316
CHR9	9920077	CHR9:9920077	SSF x Far_LoA	-9,59228711	0,060	0,299
CHR9	9925935	CHR9:9925935	SSF x Far_LoA	-8,75023963	0,039	0,306
CHR9	9925984	CHR9:9925984	SSF x Far_LoA	-9,30960636	-0,045	0,303
CHR9	9926003	CHR9:9926003	SSF x Far_LoA	-9,12829117	0,011	0,306
CHR9	9930064	CHR9:9930064	SSF x Far_LoA	-7,84013002	0,004	0,321
CHR9	9932599	CHR9:9932599	SSF x Far_LoA	-9,70146852	-0,058	0,306
CHR9	9938401	CHR9:9938401	SSF x Far_LoA	-7,11552146	-0,119	0,304
CHR9	9938444	CHR9:9938444	SSF x Far_LoA	-11,0478275	-0,077	0,305
CHR9	9938486	CHR9:9938486	SSF x Far_LoA	-12,1837563	-0,002	0,311
CHR9	9938590	CHR9:9938590	SSF x Far_LoA	-8,72854063	0,021	0,311
CHR9	9938601	CHR9:9938601	SSF x Far_LoA	-9,90329069	0,019	0,295
CHR9	9938652	CHR9:9938652	SSF x Far_LoA	-9,06253841	0,007	0,320
CHR9	9945944	CHR9:9945944	SSF x Far_LoA	-9,76092159	0,049	0,301
CHR9	9952884	CHR9:9952884	SSF x Far_LoA	-10,6345994	-0,020	0,308
CHR9	9952921	CHR9:9952921	SSF x Far_LoA	-9,32621818	0,074	0,306
CHR9	9952993	CHR9:9952993	SSF x Far_LoA	-9,36234722	0,061	0,307
CHR9	9953020	CHR9:9953020	SSF x Far_LoA	-9,8527668	0,091	0,299
CHR9	9953027	CHR9:9953027	SSF x Far_LoA	-8,18161729	-0,111	0,285
CHR9	9953076	CHR9:9953076	SSF x Far_LoA	-8,22028707	0,117	0,295
CHR9	9953091	CHR9:9953091	SSF x Far_LoA	-7,318276	-0,064	0,314
CHR9	9956988	CHR9:9956988	SSF x Far_LoA	-9,32717739	-0,041	0,299
CHR9	9968301	CHR9:9968301	SSF x Far_LoA	-8,53633941	-0,064	0,299
CHR9	9968376	CHR9:9968376	SSF x Far_LoA	-8,51648927	0,056	0,319

CHR9	9980765	CHR9:9980765	SSF x Far_LoA	-8,55679199	0,055	0,313
CHR9	9980943	CHR9:9980943	SSF x Far_LoA	-9,02883577	-0,032	0,310
CHR9	9983878	CHR9:9983878	SSF x Far_LoA	-10,9566206	-0,016	0,300
CHR9	9983909	CHR9:9983909	SSF x Far_LoA	-9,9118875	-0,078	0,310
CHR9	9983940	CHR9:9983940	SSF x Far_LoA	-10,5116956	0,037	0,306
CHR9	9987836	CHR9:9987836	SSF x Far_LoA	-8,49456112	-0,017	0,308
CHR9	9999032	CHR9:9999032	SSF x Far_LoA	-9,07823011	-0,150	0,300

ıch SNP, the table reports chromosome (CHR), genomic position (POS), orrelation coefficients (means and standard deviations), regression :lusion probability (eBPis), and outlier status. Candidate SNPs were

Mean Spearman	SD Spearman	Beta IS	SD Beta IS	eBPis	BF outlier
0,062	0,296	0,002	0,008	0,105	FALSE
0,148	0,294	0,006	0,012	0,197	FALSE
0,152	0,306	0,006	0,013	0,188	FALSE
0,014	0,310	0,000	0,007	0,006	FALSE
0,049	0,311	0,002	0,008	0,082	FALSE
0,130	0,315	0,003	0,008	0,172	FALSE
-0,130	0,295	-0,006	0,011	0,232	FALSE
0,117	0,305	0,003	0,007	0,151	FALSE
0,073	0,307	0,002	0,007	0,097	FALSE
-0,003	0,306	-0,001	0,013	0,038	FALSE
-0,092	0,311	-0,004	0,012	0,140	FALSE
-0,014	0,311	-0,001	0,007	0,030	FALSE
-0,045	0,303	-0,001	0,011	0,032	FALSE
-0,194	0,315	-0,007	0,012	0,265	FALSE
0,036	0,303	0,001	0,007	0,034	FALSE
0,093	0,300	0,002	0,008	0,119	FALSE
0,000	0,313	0,001	0,009	0,021	FALSE
-0,096	0,317	-0,003	0,011	0,095	FALSE
-0,029	0,321	-0,001	0,013	0,030	FALSE
0,023	0,307	0,000	0,011	0,004	FALSE
0,021	0,315	0,001	0,007	0,028	FALSE
-0,142	0,301	-0,004	0,008	0,217	FALSE
-0,034	0,315	-0,001	0,007	0,035	FALSE
0,080	0,303	0,002	0,012	0,070	FALSE
-0,002	0,315	0,000	0,007	0,006	FALSE
0,115	0,304	0,003	0,008	0,176	FALSE
0,065	0,311	0,002	0,010	0,087	FALSE
-0,071	0,331	-0,003	0,010	0,103	FALSE
-0,083	0,306	-0,002	0,007	0,110	FALSE
-0,150	0,310	-0,003	0,007	0,212	FALSE
0,003	0,325	0,000	0,011	0,005	FALSE
-0,013	0,306	-0,001	0,013	0,020	FALSE
-0,047	0,312	-0,002	0,013	0,068	FALSE
0,007	0,300	0,001	0,008	0,034	FALSE
-0,025	0,312	-0,001	0,011	0,022	FALSE
0,010	0,315	0,000	0,008	0,003	FALSE
-0,018	0,307	0,000	0,011	0,005	FALSE
0,006	0,314	0,000	0,009	0,012	FALSE
0,086	0,286	0,003	0,012	0,092	FALSE
0,117	0,311	0,002	0,007	0,106	FALSE
-0,109	0,287	-0,005	0,011	0,173	FALSE
-0,009	0,307	0,000	0,006	0,005	FALSE
0,080	0,309	0,002	0,007	0,092	FALSE
0,038	0,312	0,001	0,007	0,065	FALSE
-0,028	0,285	-0,001	0,012	0,025	FALSE
-0,050	0,313	-0,002	0,013	0,052	FALSE
-0,003	0,292	0,000	0,009	0,017	FALSE
0,068	0,312	0,002	0,010	0,089	FALSE

0,062	0,310	0,002	0,010	0,093	FALSE
-0,011	0,302	-0,001	0,013	0,041	FALSE
0,073	0,305	0,003	0,010	0,116	FALSE
0,061	0,305	0,003	0,010	0,104	FALSE
0,049	0,298	0,002	0,011	0,054	FALSE
0,018	0,303	0,001	0,009	0,026	FALSE
0,025	0,318	0,001	0,012	0,021	FALSE
-0,067	0,321	-0,003	0,010	0,106	FALSE
-0,064	0,294	-0,003	0,009	0,114	FALSE
0,070	0,316	0,003	0,012	0,086	FALSE
0,015	0,313	0,000	0,013	0,007	FALSE
-0,091	0,305	-0,002	0,008	0,117	FALSE
0,045	0,300	0,001	0,007	0,057	FALSE
0,088	0,306	0,002	0,006	0,115	FALSE
0,043	0,312	0,002	0,012	0,059	FALSE
0,079	0,313	0,002	0,009	0,080	FALSE
0,108	0,303	0,004	0,012	0,153	FALSE
0,082	0,290	0,004	0,012	0,140	FALSE
0,045	0,295	0,003	0,012	0,080	FALSE
-0,029	0,308	-0,001	0,013	0,014	FALSE
0,071	0,297	0,003	0,008	0,138	FALSE
-0,033	0,316	-0,001	0,011	0,027	FALSE
-0,002	0,310	0,000	0,013	0,004	FALSE
-0,105	0,296	-0,004	0,011	0,123	FALSE
-0,075	0,298	-0,003	0,012	0,085	FALSE
-0,007	0,305	-0,001	0,010	0,018	FALSE
0,141	0,301	0,003	0,006	0,225	FALSE
0,070	0,308	0,002	0,008	0,071	FALSE
-0,107	0,308	-0,002	0,007	0,132	FALSE
0,118	0,318	0,003	0,008	0,150	FALSE
0,002	0,293	0,000	0,009	0,002	FALSE
-0,006	0,309	0,000	0,009	0,006	FALSE
0,008	0,321	0,001	0,013	0,036	FALSE
-0,027	0,296	-0,001	0,007	0,030	FALSE
-0,002	0,318	0,000	0,007	0,013	FALSE
0,087	0,294	0,002	0,007	0,102	FALSE
0,026	0,310	0,000	0,010	0,012	FALSE
-0,123	0,312	-0,004	0,011	0,135	FALSE
0,014	0,302	0,000	0,011	0,008	FALSE
0,039	0,283	0,002	0,011	0,080	FALSE
-0,137	0,306	-0,003	0,008	0,159	FALSE
-0,056	0,308	-0,001	0,007	0,078	FALSE
-0,023	0,314	0,000	0,007	0,019	FALSE
-0,016	0,315	-0,001	0,010	0,034	FALSE
-0,086	0,310	-0,002	0,008	0,110	FALSE
0,152	0,312	0,003	0,007	0,199	FALSE
-0,057	0,313	-0,002	0,010	0,084	FALSE
-0,032	0,307	-0,001	0,010	0,045	FALSE
0,058	0,308	0,002	0,011	0,065	FALSE
-0,075	0,314	-0,003	0,012	0,105	FALSE
0,045	0,324	0,002	0,012	0,049	FALSE
-0,097	0,308	-0,003	0,009	0,133	FALSE
0,040	0,286	0,001	0,007	0,061	FALSE

-0,032	0,315	-0,001	0,009	0,042	FALSE
0,095	0,318	0,003	0,011	0,114	FALSE
0,142	0,288	0,004	0,006	0,245	FALSE
0,026	0,322	0,001	0,011	0,023	FALSE
0,147	0,307	0,006	0,011	0,203	FALSE
0,120	0,299	0,003	0,008	0,151	FALSE
0,120	0,311	0,003	0,008	0,173	FALSE
-0,030	0,320	-0,001	0,010	0,029	FALSE
0,061	0,304	0,001	0,006	0,065	FALSE
-0,100	0,304	-0,002	0,009	0,112	FALSE
0,063	0,303	0,002	0,007	0,091	FALSE
0,062	0,309	0,003	0,013	0,083	FALSE
-0,042	0,306	0,000	0,007	0,021	FALSE
0,073	0,307	0,003	0,012	0,084	FALSE
-0,028	0,312	0,000	0,010	0,009	FALSE
0,047	0,314	0,001	0,007	0,065	FALSE
-0,056	0,314	-0,001	0,006	0,071	FALSE
-0,080	0,310	-0,002	0,009	0,091	FALSE
-0,120	0,303	-0,003	0,007	0,148	FALSE
-0,075	0,312	-0,001	0,007	0,067	FALSE
0,150	0,300	0,003	0,007	0,194	FALSE
0,090	0,310	0,003	0,012	0,108	FALSE
0,060	0,303	0,002	0,008	0,106	FALSE
-0,081	0,310	-0,003	0,011	0,105	FALSE
0,093	0,299	0,002	0,008	0,114	FALSE
0,049	0,311	0,001	0,011	0,050	FALSE
0,166	0,303	0,005	0,010	0,243	FALSE
-0,085	0,304	-0,004	0,012	0,128	FALSE
0,005	0,310	0,000	0,007	0,000	FALSE
0,056	0,320	0,001	0,011	0,036	FALSE
0,002	0,310	0,000	0,007	0,008	FALSE
-0,064	0,309	-0,001	0,008	0,070	FALSE
0,009	0,313	0,000	0,007	0,023	FALSE
0,023	0,303	0,000	0,011	0,000	FALSE
0,046	0,295	0,001	0,011	0,033	FALSE
0,062	0,301	0,001	0,007	0,078	FALSE
0,050	0,301	0,001	0,012	0,029	FALSE
0,095	0,310	0,004	0,011	0,141	FALSE
0,220	0,284	0,008	0,011	0,344	FALSE
0,200	0,295	0,007	0,011	0,301	FALSE
0,104	0,301	0,005	0,013	0,167	FALSE
0,105	0,313	0,003	0,008	0,135	FALSE
0,139	0,303	0,003	0,007	0,207	FALSE
-0,063	0,290	-0,003	0,008	0,127	FALSE
-0,074	0,312	-0,002	0,009	0,070	FALSE
0,047	0,313	0,002	0,010	0,097	FALSE
0,057	0,301	0,002	0,007	0,117	FALSE
-0,114	0,316	-0,002	0,007	0,109	FALSE
-0,012	0,287	0,000	0,009	0,014	FALSE
-0,024	0,311	0,000	0,008	0,011	FALSE
-0,031	0,304	-0,001	0,008	0,031	FALSE
0,053	0,299	0,001	0,007	0,069	FALSE
-0,047	0,306	-0,001	0,011	0,036	FALSE

-0,117	0,306	-0,003	0,007	0,174	FALSE
-0,095	0,306	-0,003	0,009	0,124	FALSE
-0,006	0,308	0,000	0,011	0,006	FALSE
-0,105	0,311	-0,003	0,009	0,140	FALSE
0,093	0,306	0,004	0,013	0,129	FALSE
0,035	0,303	0,002	0,012	0,047	FALSE
0,015	0,300	0,001	0,010	0,040	FALSE
0,032	0,305	0,001	0,013	0,036	FALSE
-0,087	0,317	-0,002	0,007	0,128	FALSE
-0,127	0,305	-0,003	0,007	0,177	FALSE
0,041	0,300	0,001	0,010	0,051	FALSE
0,041	0,302	0,001	0,010	0,052	FALSE
0,074	0,303	0,004	0,013	0,125	FALSE
-0,075	0,301	-0,002	0,008	0,102	FALSE
0,046	0,304	0,002	0,006	0,093	FALSE
-0,010	0,309	-0,001	0,010	0,051	FALSE
-0,071	0,289	-0,003	0,012	0,095	FALSE
-0,074	0,303	-0,003	0,013	0,090	FALSE
-0,040	0,306	-0,001	0,008	0,052	FALSE
-0,095	0,294	-0,002	0,007	0,132	FALSE
-0,051	0,321	-0,003	0,012	0,080	FALSE
-0,070	0,299	-0,003	0,010	0,127	FALSE
0,115	0,294	0,004	0,011	0,152	FALSE
-0,189	0,301	-0,005	0,008	0,263	FALSE
-0,128	0,302	-0,005	0,012	0,169	FALSE
-0,164	0,298	-0,003	0,007	0,207	FALSE
-0,195	0,301	-0,004	0,007	0,266	FALSE
0,006	0,308	0,000	0,011	0,006	FALSE
0,077	0,323	0,002	0,007	0,098	FALSE
0,040	0,308	0,001	0,006	0,054	FALSE
0,036	0,304	0,001	0,008	0,054	FALSE
-0,048	0,287	-0,001	0,006	0,047	FALSE
-0,066	0,297	-0,001	0,006	0,071	FALSE
-0,021	0,320	0,000	0,009	0,003	FALSE
0,126	0,299	0,004	0,008	0,208	FALSE
0,043	0,311	0,001	0,007	0,048	FALSE
-0,002	0,303	0,000	0,007	0,011	FALSE
0,087	0,311	0,002	0,008	0,087	FALSE
-0,078	0,311	-0,002	0,007	0,085	FALSE
0,021	0,297	0,001	0,008	0,035	FALSE
-0,044	0,307	-0,002	0,009	0,081	FALSE
0,047	0,311	0,002	0,013	0,055	FALSE
0,044	0,325	0,002	0,011	0,053	FALSE
0,084	0,318	0,002	0,007	0,107	FALSE
-0,092	0,305	-0,003	0,012	0,110	FALSE
-0,104	0,309	-0,004	0,012	0,123	FALSE
0,103	0,314	0,005	0,013	0,141	FALSE
0,024	0,289	0,001	0,009	0,028	FALSE
0,087	0,303	0,002	0,007	0,140	FALSE
0,097	0,316	0,004	0,011	0,122	FALSE
0,070	0,300	0,002	0,007	0,126	FALSE
0,007	0,310	0,000	0,007	0,025	FALSE
0,046	0,313	0,002	0,011	0,058	FALSE

0,064	0,310	0,002	0,011	0,087	FALSE
-0,149	0,314	-0,003	0,007	0,180	FALSE
-0,156	0,314	-0,003	0,007	0,189	FALSE
-0,012	0,315	-0,001	0,009	0,030	FALSE
-0,009	0,311	0,000	0,011	0,007	FALSE
-0,138	0,308	-0,004	0,008	0,198	FALSE
-0,080	0,301	-0,002	0,007	0,088	FALSE
-0,025	0,318	0,000	0,007	0,011	FALSE
0,078	0,307	0,002	0,008	0,081	FALSE
0,096	0,312	0,002	0,007	0,127	FALSE
-0,024	0,306	-0,001	0,010	0,018	FALSE
-0,147	0,303	-0,003	0,007	0,185	FALSE
0,187	0,294	0,005	0,008	0,262	FALSE
0,103	0,301	0,004	0,010	0,164	FALSE
0,172	0,297	0,005	0,009	0,228	FALSE
0,167	0,305	0,005	0,010	0,234	FALSE
0,110	0,292	0,003	0,009	0,131	FALSE
0,178	0,301	0,005	0,009	0,247	FALSE
0,150	0,294	0,004	0,009	0,202	FALSE
0,123	0,313	0,003	0,010	0,138	FALSE
-0,087	0,299	-0,002	0,008	0,102	FALSE
-0,167	0,305	-0,005	0,010	0,212	FALSE
-0,007	0,313	-0,001	0,011	0,024	FALSE
0,032	0,314	0,001	0,008	0,036	FALSE
-0,023	0,312	-0,001	0,011	0,043	FALSE
0,057	0,310	0,002	0,008	0,089	FALSE
-0,097	0,320	-0,004	0,013	0,135	FALSE
0,104	0,305	0,003	0,008	0,137	FALSE
-0,092	0,312	-0,002	0,007	0,119	FALSE
-0,045	0,313	-0,001	0,007	0,065	FALSE
-0,030	0,303	-0,002	0,010	0,056	FALSE
-0,010	0,306	0,000	0,010	0,008	FALSE
-0,068	0,320	-0,002	0,009	0,082	FALSE
-0,003	0,307	0,000	0,008	0,006	FALSE
-0,037	0,327	0,000	0,007	0,026	FALSE
0,062	0,301	0,001	0,009	0,037	FALSE
0,071	0,310	0,001	0,008	0,045	FALSE
-0,065	0,313	-0,001	0,007	0,073	FALSE
0,050	0,278	0,000	0,007	0,022	FALSE
-0,045	0,307	-0,001	0,010	0,040	FALSE
-0,014	0,303	0,000	0,008	0,015	FALSE
-0,067	0,319	-0,001	0,008	0,066	FALSE
-0,072	0,315	-0,002	0,007	0,095	FALSE
-0,195	0,320	-0,008	0,013	0,276	FALSE
-0,070	0,311	-0,002	0,010	0,088	FALSE
0,011	0,302	0,000	0,009	0,019	FALSE
0,136	0,306	0,004	0,008	0,185	FALSE
-0,001	0,302	0,000	0,008	0,011	FALSE
0,036	0,312	0,001	0,006	0,053	FALSE
0,100	0,308	0,003	0,007	0,145	FALSE
-0,066	0,296	-0,002	0,007	0,078	FALSE
0,036	0,306	0,001	0,007	0,056	FALSE
-0,116	0,295	-0,003	0,009	0,151	FALSE

0,066	0,312	0,002	0,011	0,054	FALSE
0,141	0,295	0,005	0,009	0,219	FALSE
-0,056	0,312	-0,001	0,008	0,067	FALSE
-0,111	0,298	-0,005	0,013	0,159	FALSE
-0,012	0,313	-0,001	0,007	0,024	FALSE
0,127	0,295	0,007	0,013	0,208	FALSE
0,094	0,289	0,005	0,013	0,144	FALSE
-0,116	0,313	-0,005	0,012	0,159	FALSE
-0,107	0,309	-0,003	0,009	0,128	FALSE
-0,177	0,311	-0,005	0,008	0,233	FALSE
-0,088	0,317	-0,004	0,013	0,110	FALSE
-0,178	0,301	-0,005	0,008	0,258	FALSE
0,088	0,318	0,003	0,013	0,099	FALSE
-0,056	0,298	-0,002	0,013	0,062	FALSE
0,048	0,306	0,002	0,006	0,092	FALSE
-0,147	0,302	-0,004	0,008	0,203	FALSE
0,069	0,301	0,002	0,012	0,072	FALSE
0,102	0,305	0,004	0,009	0,157	FALSE
0,010	0,315	0,001	0,007	0,032	FALSE
0,023	0,314	0,000	0,008	0,013	FALSE
-0,091	0,318	-0,003	0,010	0,113	FALSE
-0,076	0,312	-0,003	0,010	0,104	FALSE
-0,036	0,302	-0,001	0,009	0,035	FALSE
0,087	0,307	0,004	0,011	0,145	FALSE
0,088	0,306	0,003	0,012	0,106	FALSE
-0,184	0,291	-0,008	0,012	0,287	FALSE
0,175	0,324	0,007	0,014	0,224	FALSE
0,163	0,300	0,007	0,013	0,239	FALSE
0,153	0,294	0,006	0,013	0,211	FALSE
-0,038	0,327	-0,001	0,008	0,025	FALSE
-0,164	0,305	-0,004	0,007	0,242	FALSE
-0,080	0,314	-0,002	0,008	0,073	FALSE
-0,012	0,304	-0,001	0,009	0,026	FALSE
0,077	0,302	0,004	0,013	0,107	FALSE
-0,050	0,309	-0,001	0,010	0,050	FALSE
-0,074	0,307	-0,004	0,012	0,128	FALSE
-0,050	0,296	-0,001	0,009	0,033	FALSE
0,061	0,310	0,001	0,007	0,047	FALSE
-0,112	0,303	-0,004	0,011	0,149	FALSE
-0,047	0,312	-0,001	0,012	0,042	FALSE
0,029	0,307	0,001	0,007	0,047	FALSE
-0,043	0,306	-0,001	0,010	0,051	FALSE
-0,028	0,314	-0,001	0,008	0,031	FALSE
0,192	0,318	0,008	0,013	0,271	FALSE
0,005	0,322	0,000	0,009	0,002	FALSE
0,001	0,302	0,000	0,011	0,003	FALSE
0,005	0,310	0,000	0,012	0,006	FALSE
0,088	0,288	0,003	0,009	0,116	FALSE
-0,001	0,311	0,000	0,012	0,002	FALSE
-0,017	0,298	-0,001	0,012	0,020	FALSE
-0,061	0,300	-0,001	0,007	0,060	FALSE
0,031	0,311	0,001	0,013	0,031	FALSE
-0,082	0,316	-0,004	0,013	0,107	FALSE

-0,039	0,313	-0,001	0,007	0,059	FALSE
-0,058	0,325	-0,001	0,007	0,056	FALSE
0,108	0,313	0,004	0,009	0,158	FALSE
0,016	0,316	0,001	0,013	0,028	FALSE
0,046	0,313	0,002	0,009	0,066	FALSE
-0,010	0,321	0,000	0,008	0,018	FALSE
0,083	0,299	0,003	0,009	0,118	FALSE
0,095	0,304	0,003	0,009	0,132	FALSE
0,077	0,304	0,002	0,008	0,116	FALSE
0,022	0,304	0,001	0,010	0,035	FALSE
0,060	0,325	0,001	0,007	0,076	FALSE
-0,032	0,300	-0,001	0,008	0,040	FALSE
-0,012	0,303	0,000	0,006	0,002	FALSE
0,094	0,299	0,003	0,013	0,083	FALSE
0,076	0,304	0,003	0,010	0,122	FALSE
-0,056	0,307	-0,002	0,012	0,068	FALSE
-0,005	0,299	0,000	0,012	0,010	FALSE
-0,139	0,312	-0,004	0,008	0,171	FALSE
-0,076	0,292	-0,002	0,007	0,117	FALSE
0,111	0,312	0,003	0,008	0,142	FALSE
-0,070	0,305	-0,002	0,007	0,086	FALSE
-0,038	0,297	-0,002	0,009	0,065	FALSE
0,066	0,297	0,002	0,006	0,098	FALSE
-0,071	0,309	-0,004	0,012	0,124	FALSE
0,033	0,305	0,002	0,009	0,064	FALSE
0,098	0,298	0,003	0,007	0,184	FALSE
-0,192	0,301	-0,006	0,011	0,257	FALSE
0,080	0,304	0,002	0,007	0,128	FALSE
0,095	0,306	0,003	0,008	0,147	FALSE
0,090	0,314	0,005	0,013	0,154	FALSE
-0,061	0,323	-0,003	0,013	0,088	FALSE
0,190	0,308	0,005	0,007	0,312	FALSE
-0,074	0,309	-0,002	0,007	0,106	FALSE
-0,021	0,310	-0,001	0,012	0,042	FALSE
0,040	0,301	0,002	0,013	0,052	FALSE
-0,077	0,303	-0,002	0,008	0,097	FALSE
-0,019	0,321	-0,001	0,009	0,028	FALSE
0,078	0,304	0,002	0,008	0,101	FALSE
-0,034	0,315	-0,002	0,012	0,050	FALSE
-0,001	0,305	-0,001	0,012	0,020	FALSE
-0,056	0,319	-0,002	0,013	0,060	FALSE
-0,043	0,291	-0,002	0,011	0,055	FALSE
0,151	0,314	0,004	0,008	0,190	FALSE
0,005	0,315	0,000	0,008	0,017	FALSE
0,027	0,307	0,000	0,013	0,005	FALSE
-0,041	0,292	-0,001	0,007	0,071	FALSE
0,019	0,310	0,001	0,009	0,030	FALSE
0,013	0,310	0,001	0,011	0,032	FALSE
-0,002	0,311	0,000	0,011	0,005	FALSE
-0,078	0,310	-0,002	0,008	0,099	FALSE
-0,072	0,310	-0,003	0,012	0,077	FALSE
-0,053	0,334	-0,001	0,009	0,057	FALSE
0,033	0,302	0,001	0,012	0,031	FALSE

-0,073	0,321	-0,002	0,009	0,088	FALSE
0,026	0,313	0,001	0,007	0,030	FALSE
0,112	0,295	0,003	0,007	0,178	FALSE
0,014	0,298	0,000	0,007	0,015	FALSE
-0,082	0,320	-0,003	0,009	0,113	FALSE
0,086	0,304	0,002	0,007	0,120	FALSE
0,088	0,309	0,003	0,010	0,129	FALSE
0,101	0,295	0,003	0,007	0,156	FALSE
-0,105	0,301	-0,003	0,011	0,109	FALSE
0,060	0,313	0,001	0,007	0,048	FALSE
0,020	0,315	0,000	0,009	0,005	FALSE
0,038	0,308	0,001	0,013	0,038	FALSE
-0,082	0,302	-0,002	0,012	0,082	FALSE
-0,041	0,316	-0,001	0,007	0,038	FALSE
-0,057	0,313	-0,002	0,009	0,075	FALSE
0,073	0,316	0,002	0,010	0,086	FALSE
-0,067	0,282	-0,002	0,012	0,052	FALSE
0,094	0,300	0,003	0,007	0,143	FALSE
0,074	0,303	0,002	0,008	0,116	FALSE
0,029	0,301	0,002	0,011	0,066	FALSE
0,025	0,308	0,001	0,007	0,030	FALSE
-0,102	0,298	-0,002	0,006	0,151	FALSE
0,027	0,287	0,002	0,011	0,066	FALSE
0,091	0,307	0,003	0,012	0,103	FALSE
0,040	0,311	0,001	0,010	0,044	FALSE
0,015	0,314	0,000	0,009	0,013	FALSE
0,029	0,311	0,000	0,006	0,022	FALSE
0,129	0,300	0,003	0,006	0,201	FALSE
0,043	0,322	0,001	0,007	0,047	FALSE
-0,022	0,314	-0,001	0,009	0,020	FALSE
-0,060	0,306	-0,001	0,012	0,042	FALSE
0,031	0,308	0,001	0,007	0,079	FALSE
-0,041	0,309	-0,001	0,009	0,045	FALSE
0,089	0,303	0,003	0,012	0,081	FALSE
-0,083	0,296	-0,003	0,010	0,106	FALSE
-0,014	0,324	-0,001	0,009	0,027	FALSE
0,054	0,308	0,001	0,008	0,068	FALSE
0,021	0,305	0,000	0,010	0,010	FALSE
0,027	0,311	0,001	0,007	0,062	FALSE
0,109	0,304	0,003	0,007	0,163	FALSE
-0,043	0,313	-0,001	0,008	0,032	FALSE
-0,021	0,310	0,000	0,013	0,014	FALSE
-0,015	0,306	0,000	0,010	0,011	FALSE
-0,009	0,307	0,000	0,007	0,008	FALSE
0,159	0,302	0,005	0,010	0,200	FALSE
0,041	0,318	0,001	0,009	0,059	FALSE
-0,058	0,305	-0,002	0,010	0,093	FALSE
-0,080	0,308	-0,003	0,012	0,107	FALSE
-0,040	0,304	-0,001	0,007	0,062	FALSE
0,026	0,313	0,000	0,012	0,011	FALSE
-0,024	0,307	-0,001	0,009	0,043	FALSE
0,094	0,305	0,002	0,009	0,095	FALSE
-0,158	0,303	-0,005	0,010	0,186	FALSE

-0,062	0,319	-0,002	0,011	0,063	FALSE
0,031	0,306	0,001	0,008	0,032	FALSE
0,022	0,302	0,000	0,009	0,004	FALSE
-0,088	0,315	-0,003	0,010	0,099	FALSE
0,123	0,312	0,003	0,009	0,128	FALSE
0,017	0,314	0,000	0,007	0,027	FALSE
-0,111	0,295	-0,005	0,012	0,186	FALSE
0,025	0,314	0,001	0,010	0,029	FALSE
0,057	0,311	0,001	0,008	0,066	FALSE
-0,016	0,315	0,000	0,008	0,006	FALSE
-0,020	0,316	0,000	0,008	0,015	FALSE
0,046	0,292	0,001	0,008	0,052	FALSE
-0,046	0,315	-0,001	0,009	0,037	FALSE
0,034	0,321	0,001	0,008	0,036	FALSE
0,075	0,303	0,003	0,009	0,126	FALSE
-0,002	0,309	-0,001	0,013	0,016	FALSE
-0,008	0,309	-0,001	0,013	0,024	FALSE
0,096	0,284	0,003	0,007	0,169	FALSE
-0,113	0,297	-0,003	0,008	0,141	FALSE
-0,058	0,296	-0,002	0,012	0,078	FALSE
0,096	0,300	0,003	0,012	0,104	FALSE
0,064	0,326	0,002	0,010	0,088	FALSE
-0,033	0,309	-0,001	0,011	0,031	FALSE
0,123	0,306	0,004	0,011	0,166	FALSE
-0,070	0,300	-0,002	0,008	0,110	FALSE
-0,145	0,308	-0,005	0,009	0,231	FALSE
0,069	0,305	0,003	0,011	0,097	FALSE
-0,009	0,312	0,001	0,010	0,019	FALSE
0,021	0,308	0,001	0,012	0,042	FALSE
-0,134	0,311	-0,006	0,013	0,181	FALSE
-0,204	0,296	-0,005	0,007	0,291	FALSE
-0,200	0,293	-0,005	0,007	0,295	FALSE
-0,196	0,307	-0,005	0,007	0,279	FALSE
-0,048	0,301	-0,001	0,008	0,044	FALSE
0,045	0,310	0,002	0,012	0,051	FALSE
0,000	0,296	0,001	0,010	0,021	FALSE
-0,048	0,303	-0,001	0,006	0,060	FALSE
0,120	0,306	0,004	0,010	0,162	FALSE
0,127	0,303	0,004	0,011	0,149	FALSE
0,084	0,310	0,002	0,006	0,109	FALSE
0,166	0,310	0,006	0,010	0,225	FALSE
0,006	0,310	0,000	0,009	0,009	FALSE
0,042	0,318	0,002	0,008	0,072	FALSE
0,097	0,324	0,003	0,010	0,122	FALSE
-0,092	0,292	-0,002	0,006	0,091	FALSE
-0,078	0,307	-0,004	0,011	0,121	FALSE
-0,043	0,303	-0,001	0,007	0,035	FALSE
0,012	0,296	0,000	0,007	0,008	FALSE
0,008	0,316	0,001	0,010	0,021	FALSE
-0,067	0,304	-0,002	0,008	0,085	FALSE
-0,003	0,308	0,000	0,009	0,020	FALSE
-0,005	0,320	0,000	0,007	0,006	FALSE
0,044	0,310	0,002	0,010	0,069	FALSE

-0,016	0,313	0,000	0,007	0,018	FALSE
0,050	0,307	0,001	0,011	0,040	FALSE
-0,026	0,314	-0,001	0,009	0,041	FALSE
-0,038	0,300	-0,001	0,008	0,060	FALSE
-0,063	0,309	-0,001	0,007	0,046	FALSE
0,171	0,300	0,007	0,012	0,238	FALSE
-0,096	0,301	-0,003	0,009	0,138	FALSE
-0,104	0,296	-0,002	0,006	0,155	FALSE
0,139	0,315	0,003	0,008	0,177	FALSE
-0,002	0,297	0,000	0,007	0,000	FALSE
0,004	0,307	0,000	0,011	0,006	FALSE
0,157	0,313	0,004	0,007	0,197	FALSE
0,138	0,307	0,004	0,008	0,178	FALSE
0,157	0,306	0,004	0,007	0,226	FALSE
-0,033	0,302	-0,001	0,012	0,035	FALSE
0,023	0,310	0,001	0,012	0,022	FALSE
-0,100	0,311	-0,003	0,010	0,125	FALSE
0,074	0,301	0,003	0,011	0,090	FALSE
0,004	0,289	0,000	0,012	0,007	FALSE
-0,009	0,310	0,000	0,007	0,001	FALSE
0,025	0,310	0,001	0,008	0,042	FALSE
0,153	0,295	0,007	0,012	0,240	FALSE
-0,080	0,309	-0,004	0,012	0,115	FALSE
-0,027	0,302	-0,001	0,006	0,056	FALSE
-0,013	0,315	0,000	0,007	0,012	FALSE
0,030	0,288	0,002	0,011	0,056	FALSE
0,099	0,289	0,003	0,011	0,122	FALSE
-0,050	0,312	-0,002	0,009	0,076	FALSE
0,029	0,321	0,001	0,010	0,046	FALSE
-0,011	0,304	0,000	0,010	0,015	FALSE
-0,124	0,306	-0,003	0,007	0,173	FALSE
0,038	0,309	0,001	0,007	0,064	FALSE
-0,016	0,323	0,000	0,013	0,010	FALSE
-0,039	0,303	-0,001	0,008	0,036	FALSE
-0,133	0,319	-0,005	0,013	0,148	FALSE
0,102	0,293	0,005	0,013	0,153	FALSE
0,105	0,304	0,003	0,009	0,134	FALSE
-0,088	0,298	-0,002	0,008	0,099	FALSE
-0,077	0,315	-0,002	0,007	0,100	FALSE
-0,080	0,312	-0,003	0,012	0,098	FALSE
-0,007	0,298	0,000	0,008	0,019	FALSE
-0,085	0,307	-0,004	0,012	0,117	FALSE
-0,025	0,311	-0,001	0,010	0,038	FALSE
0,125	0,324	0,003	0,007	0,167	FALSE
0,011	0,313	0,001	0,007	0,028	FALSE
0,051	0,312	0,001	0,007	0,065	FALSE
0,046	0,313	0,002	0,013	0,045	FALSE
0,010	0,304	0,000	0,010	0,002	FALSE
-0,001	0,302	0,000	0,009	0,010	FALSE
0,064	0,324	0,003	0,012	0,104	FALSE
-0,145	0,300	-0,005	0,011	0,205	FALSE
0,160	0,307	0,004	0,009	0,194	FALSE
0,050	0,294	0,001	0,006	0,074	FALSE

0,154	0,304	0,005	0,010	0,201	FALSE
-0,024	0,306	-0,002	0,013	0,060	FALSE
-0,133	0,312	-0,003	0,009	0,148	FALSE
-0,002	0,311	0,000	0,008	0,002	FALSE
-0,079	0,301	-0,004	0,012	0,122	FALSE
-0,048	0,306	-0,001	0,006	0,065	FALSE
-0,129	0,300	-0,003	0,008	0,166	FALSE
0,085	0,318	0,003	0,012	0,103	FALSE
0,155	0,290	0,004	0,009	0,220	FALSE
0,005	0,318	0,000	0,010	0,013	FALSE
0,095	0,289	0,004	0,010	0,148	FALSE
0,110	0,303	0,004	0,011	0,170	FALSE
0,102	0,313	0,003	0,007	0,146	FALSE
-0,062	0,315	-0,003	0,012	0,084	FALSE
-0,067	0,307	-0,001	0,007	0,050	FALSE
0,000	0,305	0,000	0,009	0,005	FALSE
0,037	0,304	0,001	0,009	0,032	FALSE
0,028	0,326	0,001	0,007	0,047	FALSE
0,095	0,300	0,002	0,009	0,087	FALSE
0,029	0,313	0,001	0,011	0,040	FALSE
-0,152	0,303	-0,007	0,013	0,211	FALSE
-0,025	0,309	-0,001	0,011	0,018	FALSE
-0,035	0,309	-0,001	0,010	0,040	FALSE
0,125	0,286	0,005	0,012	0,177	FALSE
0,137	0,306	0,004	0,010	0,156	FALSE
-0,064	0,316	-0,003	0,012	0,087	FALSE
-0,109	0,304	-0,003	0,007	0,154	FALSE
0,086	0,312	0,005	0,012	0,161	FALSE
0,089	0,304	0,004	0,013	0,116	FALSE
0,114	0,294	0,005	0,013	0,165	FALSE
-0,083	0,310	-0,003	0,011	0,086	FALSE
0,248	0,287	0,005	0,007	0,354	FALSE
-0,005	0,306	0,000	0,011	0,007	FALSE
0,001	0,309	0,000	0,011	0,004	FALSE
0,087	0,327	0,003	0,011	0,115	FALSE
-0,134	0,304	-0,003	0,007	0,179	FALSE
-0,080	0,303	-0,002	0,009	0,076	FALSE
0,044	0,305	0,001	0,012	0,029	FALSE
0,111	0,305	0,004	0,013	0,109	FALSE
0,022	0,291	0,001	0,007	0,047	FALSE
-0,035	0,327	-0,001	0,007	0,040	FALSE
-0,006	0,321	0,000	0,007	0,001	FALSE
-0,033	0,303	-0,002	0,012	0,048	FALSE
-0,091	0,316	-0,002	0,009	0,080	FALSE
0,010	0,309	0,001	0,007	0,037	FALSE
-0,107	0,301	-0,003	0,009	0,131	FALSE
-0,052	0,311	-0,002	0,011	0,074	FALSE
0,096	0,304	0,002	0,007	0,104	FALSE
0,028	0,313	0,001	0,007	0,029	FALSE
-0,096	0,310	-0,003	0,009	0,118	FALSE
0,065	0,291	0,001	0,007	0,075	FALSE
0,004	0,303	0,000	0,007	0,011	FALSE
-0,037	0,324	0,000	0,011	0,015	FALSE

0,109	0,296	0,003	0,007	0,162	FALSE
-0,043	0,314	-0,001	0,010	0,049	FALSE
-0,036	0,310	-0,001	0,007	0,039	FALSE
-0,012	0,298	0,000	0,006	0,001	FALSE
-0,130	0,294	-0,006	0,011	0,233	FALSE
-0,175	0,292	-0,008	0,011	0,295	FALSE
0,085	0,305	0,003	0,009	0,112	FALSE
0,136	0,293	0,005	0,013	0,177	FALSE
-0,134	0,307	-0,004	0,009	0,167	FALSE
-0,103	0,304	-0,003	0,009	0,127	FALSE
-0,098	0,304	-0,003	0,009	0,115	FALSE
0,108	0,297	0,003	0,008	0,155	FALSE
0,107	0,296	0,002	0,007	0,114	FALSE
0,009	0,303	0,000	0,010	0,009	FALSE
0,024	0,294	0,000	0,008	0,014	FALSE
0,076	0,305	0,003	0,013	0,098	FALSE
0,033	0,298	0,001	0,013	0,031	FALSE
0,058	0,322	0,002	0,014	0,064	FALSE
0,031	0,334	0,001	0,009	0,037	FALSE
-0,045	0,291	-0,001	0,006	0,048	FALSE
-0,056	0,310	-0,002	0,013	0,074	FALSE
0,078	0,309	0,002	0,009	0,096	FALSE
0,060	0,309	0,002	0,009	0,077	FALSE
-0,006	0,301	0,000	0,013	0,010	FALSE
-0,018	0,325	0,000	0,006	0,012	FALSE
0,095	0,313	0,003	0,009	0,109	FALSE
0,017	0,312	0,001	0,008	0,038	FALSE
0,055	0,318	0,001	0,010	0,050	FALSE
-0,034	0,315	-0,001	0,008	0,031	FALSE
0,048	0,302	0,001	0,008	0,055	FALSE
0,004	0,294	0,000	0,011	0,002	FALSE
0,086	0,314	0,002	0,008	0,105	FALSE
-0,188	0,303	-0,008	0,011	0,300	FALSE
0,094	0,302	0,003	0,009	0,155	FALSE
0,006	0,311	0,000	0,009	0,019	FALSE
0,122	0,320	0,005	0,013	0,154	FALSE
0,090	0,301	0,002	0,007	0,124	FALSE
-0,123	0,294	-0,003	0,009	0,143	FALSE
0,104	0,313	0,004	0,010	0,140	FALSE
-0,067	0,303	-0,002	0,011	0,068	FALSE
-0,051	0,309	-0,002	0,010	0,066	FALSE
0,093	0,319	0,003	0,007	0,147	FALSE
0,016	0,302	0,001	0,008	0,045	FALSE
0,023	0,295	0,001	0,008	0,054	FALSE
-0,054	0,308	-0,003	0,013	0,079	FALSE
-0,094	0,304	-0,004	0,011	0,152	FALSE
0,049	0,303	0,002	0,012	0,057	FALSE
-0,080	0,304	-0,002	0,007	0,096	FALSE
0,003	0,298	0,000	0,007	0,022	FALSE
-0,003	0,299	0,000	0,012	0,012	FALSE
0,106	0,304	0,003	0,007	0,140	FALSE
0,100	0,316	0,004	0,012	0,127	FALSE
0,124	0,299	0,005	0,011	0,184	FALSE

-0,087	0,309	-0,003	0,009	0,117	FALSE
-0,205	0,313	-0,009	0,013	0,310	FALSE
0,055	0,308	0,002	0,012	0,076	FALSE
0,138	0,306	0,005	0,010	0,218	FALSE
-0,054	0,315	-0,001	0,007	0,055	FALSE
-0,018	0,303	-0,001	0,008	0,025	FALSE
-0,030	0,308	-0,001	0,010	0,041	FALSE
0,102	0,313	0,004	0,011	0,130	FALSE
0,145	0,312	0,004	0,009	0,203	FALSE
0,055	0,297	0,002	0,010	0,082	FALSE
0,137	0,295	0,005	0,012	0,173	FALSE
0,130	0,300	0,006	0,013	0,171	FALSE
0,162	0,300	0,006	0,013	0,208	FALSE
0,171	0,286	0,008	0,012	0,279	FALSE
0,222	0,280	0,009	0,011	0,396	FALSE
0,070	0,290	0,003	0,012	0,099	FALSE
-0,010	0,316	-0,001	0,009	0,034	FALSE
-0,015	0,309	-0,001	0,009	0,034	FALSE
-0,028	0,296	-0,001	0,007	0,039	FALSE
0,122	0,320	0,003	0,008	0,175	FALSE
-0,063	0,314	-0,003	0,011	0,085	FALSE
-0,037	0,313	-0,001	0,007	0,058	FALSE
0,031	0,308	0,001	0,007	0,059	FALSE
-0,073	0,314	-0,003	0,012	0,089	FALSE
0,114	0,296	0,003	0,009	0,140	FALSE
0,101	0,303	0,004	0,012	0,123	FALSE
-0,003	0,308	0,000	0,007	0,014	FALSE
0,108	0,294	0,004	0,012	0,133	FALSE
0,009	0,302	0,000	0,009	0,006	FALSE
0,069	0,309	0,001	0,007	0,073	FALSE
-0,034	0,310	-0,001	0,012	0,037	FALSE
0,004	0,319	0,000	0,013	0,004	FALSE
0,057	0,332	0,002	0,008	0,083	FALSE
0,023	0,311	0,001	0,007	0,034	FALSE
-0,003	0,306	-0,001	0,011	0,016	FALSE
-0,038	0,319	-0,001	0,013	0,018	FALSE
0,077	0,304	0,003	0,013	0,089	FALSE
0,191	0,311	0,004	0,007	0,239	FALSE
-0,043	0,309	-0,001	0,010	0,051	FALSE
-0,075	0,317	-0,003	0,012	0,092	FALSE
0,036	0,303	0,001	0,012	0,047	FALSE
-0,025	0,314	-0,001	0,011	0,028	FALSE
0,024	0,297	0,001	0,012	0,033	FALSE
0,006	0,310	0,001	0,010	0,021	FALSE
-0,063	0,300	-0,002	0,010	0,056	FALSE
-0,048	0,303	-0,001	0,009	0,039	FALSE
0,050	0,304	0,001	0,007	0,061	FALSE
-0,188	0,291	-0,007	0,012	0,249	FALSE
-0,174	0,281	-0,007	0,012	0,229	FALSE
-0,053	0,299	-0,002	0,013	0,072	FALSE
-0,159	0,297	-0,004	0,008	0,222	FALSE
-0,011	0,308	0,000	0,012	0,010	FALSE
0,059	0,310	0,002	0,010	0,082	FALSE

-0,095	0,294	-0,002	0,006	0,126	FALSE
0,066	0,301	0,002	0,009	0,068	FALSE
0,078	0,324	0,002	0,009	0,078	FALSE
0,065	0,300	0,001	0,009	0,043	FALSE
0,051	0,315	0,001	0,007	0,085	FALSE
0,056	0,294	0,001	0,008	0,032	FALSE
0,010	0,291	0,001	0,009	0,030	FALSE
-0,036	0,295	-0,001	0,010	0,056	FALSE
0,077	0,301	0,003	0,012	0,090	FALSE
0,101	0,298	0,003	0,009	0,120	FALSE
-0,029	0,313	-0,001	0,008	0,047	FALSE
-0,026	0,303	-0,001	0,008	0,048	FALSE
0,042	0,299	0,001	0,008	0,047	FALSE
0,019	0,306	0,000	0,008	0,019	FALSE
0,004	0,320	0,000	0,012	0,005	FALSE
0,101	0,318	0,004	0,013	0,125	FALSE
0,018	0,313	0,000	0,010	0,005	FALSE
0,098	0,301	0,002	0,008	0,100	FALSE
0,002	0,293	0,000	0,008	0,007	FALSE
-0,029	0,314	-0,001	0,011	0,046	FALSE
0,066	0,305	0,001	0,008	0,065	FALSE
-0,053	0,302	-0,002	0,008	0,075	FALSE
-0,054	0,309	-0,001	0,008	0,058	FALSE
0,050	0,301	0,002	0,012	0,059	FALSE
-0,002	0,309	0,000	0,010	0,014	FALSE
0,066	0,306	0,002	0,012	0,081	FALSE
-0,023	0,308	-0,001	0,010	0,039	FALSE
0,000	0,322	0,001	0,009	0,021	FALSE
-0,024	0,298	0,000	0,010	0,014	FALSE
-0,033	0,292	-0,001	0,010	0,036	FALSE
-0,028	0,294	0,000	0,010	0,016	FALSE
0,097	0,321	0,003	0,013	0,103	FALSE
-0,007	0,306	0,000	0,009	0,006	FALSE
-0,087	0,305	-0,002	0,008	0,091	FALSE
-0,093	0,313	-0,002	0,009	0,102	FALSE
-0,066	0,318	-0,003	0,012	0,081	FALSE
-0,019	0,301	0,000	0,007	0,024	FALSE
0,106	0,316	0,003	0,008	0,155	FALSE
0,120	0,298	0,005	0,012	0,174	FALSE
-0,094	0,303	-0,004	0,013	0,137	FALSE
-0,016	0,292	0,000	0,008	0,021	FALSE
0,038	0,302	0,002	0,011	0,057	FALSE
-0,124	0,312	-0,005	0,011	0,173	FALSE
-0,061	0,299	-0,003	0,012	0,091	FALSE
0,045	0,290	0,002	0,010	0,077	FALSE
0,098	0,304	0,003	0,008	0,162	FALSE
-0,063	0,311	-0,001	0,007	0,076	FALSE
-0,045	0,308	-0,002	0,008	0,067	FALSE
0,003	0,315	0,000	0,013	0,002	FALSE
-0,104	0,315	-0,003	0,008	0,134	FALSE
-0,018	0,295	-0,001	0,007	0,063	FALSE
0,023	0,289	0,002	0,012	0,056	FALSE
-0,106	0,293	-0,002	0,007	0,126	FALSE

-0,035	0,304	-0,001	0,012	0,025	FALSE
-0,207	0,306	-0,005	0,007	0,302	FALSE
-0,039	0,299	-0,001	0,011	0,028	FALSE
-0,100	0,315	-0,003	0,009	0,136	FALSE
0,017	0,294	0,000	0,012	0,010	FALSE
0,020	0,311	0,000	0,013	0,012	FALSE
-0,008	0,295	-0,001	0,013	0,021	FALSE
-0,100	0,303	-0,003	0,008	0,165	FALSE
-0,088	0,315	-0,004	0,013	0,122	FALSE
0,003	0,297	0,000	0,009	0,018	FALSE
-0,012	0,298	0,000	0,010	0,002	FALSE
-0,028	0,310	-0,001	0,010	0,047	FALSE
-0,012	0,310	0,000	0,007	0,015	FALSE
0,001	0,306	0,001	0,007	0,030	FALSE
0,056	0,302	0,002	0,008	0,079	FALSE
0,094	0,305	0,003	0,008	0,150	FALSE
-0,023	0,289	-0,001	0,009	0,030	FALSE
0,060	0,299	0,003	0,011	0,090	FALSE
0,077	0,311	0,003	0,011	0,103	FALSE
0,043	0,303	0,001	0,010	0,046	FALSE
-0,034	0,288	-0,001	0,006	0,029	FALSE
0,032	0,317	0,001	0,007	0,029	FALSE
-0,056	0,301	-0,001	0,008	0,063	FALSE
-0,166	0,303	-0,007	0,012	0,238	FALSE
-0,041	0,314	-0,001	0,008	0,053	FALSE
-0,126	0,289	-0,002	0,006	0,148	FALSE
-0,003	0,300	0,000	0,007	0,010	FALSE
-0,015	0,301	0,000	0,013	0,005	FALSE
-0,062	0,295	-0,002	0,009	0,098	FALSE
-0,051	0,307	-0,002	0,012	0,065	FALSE
0,045	0,304	0,001	0,007	0,051	FALSE
0,079	0,300	0,001	0,007	0,086	FALSE
-0,147	0,312	-0,007	0,013	0,230	FALSE
0,015	0,308	0,000	0,009	0,008	FALSE
0,082	0,320	0,002	0,006	0,115	FALSE
-0,022	0,291	0,000	0,009	0,014	FALSE
0,011	0,305	0,000	0,010	0,011	FALSE
0,006	0,303	0,000	0,008	0,011	FALSE
-0,002	0,314	-0,001	0,012	0,024	FALSE
-0,040	0,309	-0,001	0,009	0,039	FALSE
-0,021	0,292	0,000	0,008	0,017	FALSE
-0,053	0,306	-0,001	0,006	0,075	FALSE
-0,064	0,308	-0,002	0,011	0,065	FALSE
-0,176	0,302	-0,004	0,006	0,265	FALSE
-0,215	0,306	-0,004	0,006	0,312	FALSE
0,019	0,304	0,001	0,010	0,024	FALSE
0,009	0,302	0,000	0,012	0,003	FALSE
0,051	0,299	0,001	0,007	0,051	FALSE
0,091	0,307	0,004	0,011	0,164	FALSE
-0,052	0,295	-0,003	0,012	0,091	FALSE
0,009	0,301	0,000	0,008	0,009	FALSE
-0,024	0,307	0,000	0,012	0,011	FALSE
-0,075	0,313	-0,001	0,007	0,080	FALSE

0,037	0,306	0,002	0,010	0,069	FALSE
-0,109	0,306	-0,004	0,009	0,182	FALSE
0,102	0,308	0,002	0,006	0,142	FALSE
-0,031	0,317	0,000	0,006	0,022	FALSE
-0,104	0,305	-0,002	0,007	0,122	FALSE
-0,028	0,314	-0,001	0,007	0,048	FALSE
0,119	0,310	0,005	0,011	0,178	FALSE
0,090	0,306	0,002	0,008	0,101	FALSE
-0,040	0,310	-0,001	0,007	0,059	FALSE
-0,015	0,313	0,000	0,007	0,008	FALSE
0,015	0,307	0,000	0,011	0,003	FALSE
-0,120	0,310	-0,003	0,008	0,169	FALSE
-0,004	0,303	-0,001	0,008	0,047	FALSE
0,061	0,312	0,002	0,012	0,059	FALSE
-0,127	0,304	-0,004	0,008	0,201	FALSE
-0,137	0,304	-0,006	0,013	0,187	FALSE
-0,101	0,304	-0,003	0,008	0,130	FALSE
0,018	0,302	0,001	0,011	0,033	FALSE
-0,013	0,311	0,000	0,007	0,001	FALSE
-0,110	0,305	-0,003	0,009	0,130	FALSE
0,052	0,300	0,002	0,010	0,079	FALSE
0,004	0,306	0,000	0,007	0,004	FALSE
-0,114	0,323	-0,002	0,007	0,135	FALSE
-0,064	0,308	-0,002	0,008	0,085	FALSE
-0,104	0,310	-0,003	0,007	0,137	FALSE
-0,079	0,306	-0,002	0,012	0,076	FALSE
-0,051	0,307	-0,002	0,012	0,056	FALSE
-0,063	0,312	-0,002	0,007	0,092	FALSE
-0,084	0,300	-0,001	0,006	0,096	FALSE
-0,020	0,291	-0,001	0,010	0,045	FALSE
0,014	0,304	0,000	0,007	0,025	FALSE
0,084	0,317	0,005	0,013	0,142	FALSE
-0,043	0,312	-0,001	0,008	0,046	FALSE
-0,148	0,303	-0,003	0,006	0,218	FALSE
-0,019	0,305	-0,001	0,010	0,054	FALSE
0,027	0,307	0,000	0,009	0,018	FALSE
0,038	0,299	0,001	0,012	0,035	FALSE
-0,033	0,306	0,000	0,010	0,015	FALSE
-0,029	0,311	0,000	0,009	0,010	FALSE
-0,116	0,301	-0,005	0,011	0,178	FALSE
0,033	0,320	0,001	0,007	0,039	FALSE
0,034	0,310	0,000	0,013	0,004	FALSE
0,031	0,317	0,001	0,009	0,037	FALSE
0,122	0,315	0,004	0,011	0,159	FALSE
0,065	0,304	0,003	0,012	0,117	FALSE
0,003	0,300	0,000	0,007	0,021	FALSE
0,060	0,309	0,001	0,008	0,062	FALSE
-0,023	0,319	-0,001	0,013	0,021	FALSE
-0,034	0,298	-0,001	0,009	0,053	FALSE
0,042	0,309	0,001	0,012	0,040	FALSE
-0,079	0,302	-0,002	0,007	0,114	FALSE
0,050	0,310	0,002	0,010	0,074	FALSE
0,002	0,295	0,001	0,008	0,023	FALSE

-0,066	0,312	-0,002	0,008	0,085	FALSE
-0,110	0,320	-0,003	0,009	0,151	FALSE
0,019	0,291	0,000	0,009	0,012	FALSE
0,032	0,311	0,001	0,008	0,037	FALSE
-0,011	0,310	0,000	0,007	0,016	FALSE
0,021	0,299	0,001	0,011	0,022	FALSE
0,049	0,303	0,001	0,009	0,032	FALSE
-0,049	0,306	-0,002	0,008	0,083	FALSE
0,062	0,307	0,002	0,011	0,058	FALSE
0,007	0,316	0,001	0,010	0,039	FALSE
0,058	0,305	0,002	0,010	0,064	FALSE
0,123	0,298	0,003	0,009	0,138	FALSE
-0,022	0,300	-0,001	0,007	0,041	FALSE
0,005	0,303	0,000	0,010	0,018	FALSE
0,005	0,310	0,000	0,011	0,007	FALSE
0,104	0,314	0,003	0,008	0,129	FALSE
-0,040	0,297	-0,001	0,008	0,060	FALSE
0,140	0,300	0,003	0,009	0,136	FALSE
-0,050	0,291	-0,002	0,011	0,078	FALSE
0,077	0,305	0,002	0,006	0,105	FALSE
-0,118	0,294	-0,003	0,007	0,161	FALSE
0,103	0,310	0,003	0,009	0,162	FALSE
0,080	0,303	0,002	0,010	0,084	FALSE
-0,083	0,301	-0,001	0,006	0,081	FALSE
-0,086	0,320	-0,002	0,007	0,078	FALSE
-0,015	0,314	-0,001	0,011	0,024	FALSE
-0,015	0,301	-0,001	0,008	0,030	FALSE
0,017	0,303	0,000	0,006	0,001	FALSE
0,085	0,307	0,004	0,012	0,123	FALSE
0,069	0,307	0,001	0,007	0,079	FALSE
0,230	0,288	0,006	0,008	0,358	FALSE
-0,110	0,313	-0,003	0,009	0,136	FALSE
0,001	0,308	0,001	0,011	0,017	FALSE
-0,005	0,306	0,000	0,012	0,012	FALSE
0,210	0,292	0,008	0,011	0,349	FALSE
-0,105	0,303	-0,002	0,006	0,136	FALSE
-0,170	0,308	-0,005	0,009	0,247	FALSE
-0,041	0,319	-0,002	0,011	0,053	FALSE
0,029	0,306	0,001	0,009	0,033	FALSE
0,101	0,302	0,002	0,007	0,106	FALSE
-0,021	0,311	0,000	0,013	0,012	FALSE
0,006	0,305	0,000	0,013	0,013	FALSE
0,004	0,318	0,000	0,012	0,011	FALSE
0,020	0,309	0,001	0,008	0,033	FALSE
0,032	0,301	0,001	0,008	0,051	FALSE
0,004	0,310	0,000	0,011	0,016	FALSE
0,072	0,308	0,004	0,009	0,148	FALSE
0,003	0,312	0,000	0,007	0,008	FALSE
0,033	0,304	0,001	0,006	0,041	FALSE
0,007	0,301	0,000	0,007	0,009	FALSE
0,023	0,301	0,001	0,009	0,038	FALSE
-0,088	0,291	-0,004	0,010	0,163	FALSE
-0,096	0,302	-0,004	0,011	0,161	FALSE

-0,099	0,302	-0,004	0,010	0,164	FALSE
-0,069	0,309	-0,003	0,013	0,099	FALSE
-0,011	0,300	-0,001	0,013	0,022	FALSE
-0,047	0,304	-0,002	0,013	0,061	FALSE
-0,012	0,316	0,000	0,013	0,010	FALSE
-0,023	0,329	-0,001	0,009	0,019	FALSE
0,032	0,324	0,001	0,009	0,052	FALSE
0,081	0,315	0,002	0,006	0,101	FALSE
-0,071	0,309	-0,002	0,009	0,092	FALSE
0,082	0,315	0,002	0,011	0,086	FALSE
0,062	0,312	0,002	0,011	0,069	FALSE
0,094	0,303	0,003	0,011	0,103	FALSE
0,072	0,312	0,002	0,011	0,082	FALSE
0,000	0,309	0,000	0,007	0,017	FALSE
-0,016	0,311	0,000	0,007	0,009	FALSE
-0,061	0,294	-0,003	0,011	0,109	FALSE
-0,033	0,316	-0,001	0,012	0,017	FALSE
-0,060	0,294	-0,001	0,007	0,080	FALSE
-0,087	0,303	-0,005	0,012	0,150	FALSE
-0,097	0,287	-0,002	0,007	0,107	FALSE
-0,052	0,317	-0,002	0,012	0,075	FALSE
-0,130	0,301	-0,003	0,007	0,162	FALSE
-0,057	0,315	-0,001	0,007	0,058	FALSE
-0,067	0,303	-0,001	0,007	0,074	FALSE
-0,036	0,297	-0,002	0,013	0,062	FALSE
0,006	0,304	0,001	0,012	0,015	FALSE
-0,020	0,315	-0,001	0,010	0,032	FALSE
-0,038	0,303	-0,002	0,012	0,051	FALSE
-0,067	0,295	-0,002	0,008	0,083	FALSE
0,054	0,306	0,001	0,006	0,077	FALSE
0,129	0,289	0,004	0,009	0,174	FALSE
-0,079	0,310	-0,003	0,011	0,093	FALSE
-0,061	0,296	-0,002	0,011	0,075	FALSE
0,024	0,305	0,001	0,007	0,037	FALSE
-0,023	0,313	0,000	0,007	0,017	FALSE
-0,002	0,307	0,000	0,007	0,015	FALSE
-0,087	0,287	-0,002	0,007	0,119	FALSE
0,162	0,311	0,004	0,008	0,219	FALSE
-0,152	0,307	-0,003	0,006	0,195	FALSE
0,060	0,318	0,002	0,010	0,076	FALSE
0,093	0,308	0,003	0,009	0,130	FALSE
0,117	0,314	0,004	0,009	0,167	FALSE
0,021	0,315	0,001	0,009	0,049	FALSE
0,010	0,309	0,001	0,011	0,046	FALSE
-0,001	0,321	0,001	0,010	0,023	FALSE
0,067	0,308	0,004	0,011	0,127	FALSE
0,025	0,291	0,002	0,010	0,071	FALSE
0,006	0,293	0,001	0,010	0,044	FALSE
0,019	0,293	0,002	0,008	0,075	FALSE
-0,017	0,311	-0,001	0,013	0,023	FALSE
0,012	0,317	0,000	0,013	0,001	FALSE
-0,015	0,314	-0,001	0,013	0,029	FALSE
-0,012	0,310	0,000	0,008	0,016	FALSE

-0,020	0,311	-0,001	0,013	0,038	FALSE
-0,034	0,313	0,000	0,009	0,016	FALSE
0,068	0,307	0,002	0,008	0,099	FALSE
-0,143	0,311	-0,005	0,011	0,215	FALSE
-0,019	0,304	-0,001	0,008	0,032	FALSE
0,098	0,304	0,002	0,006	0,146	FALSE
-0,064	0,312	-0,002	0,012	0,061	FALSE
0,003	0,302	0,000	0,007	0,012	FALSE
0,071	0,302	0,003	0,010	0,098	FALSE
-0,058	0,309	-0,001	0,010	0,044	FALSE
0,043	0,308	0,001	0,008	0,038	FALSE
0,002	0,304	0,000	0,007	0,004	FALSE
0,126	0,311	0,003	0,009	0,156	FALSE
0,144	0,307	0,004	0,010	0,174	FALSE
-0,084	0,311	-0,003	0,010	0,092	FALSE
0,014	0,315	0,000	0,007	0,007	FALSE
-0,070	0,314	-0,002	0,008	0,104	FALSE
0,018	0,310	0,000	0,006	0,006	FALSE
0,117	0,312	0,003	0,009	0,142	FALSE
-0,016	0,302	0,000	0,006	0,016	FALSE
0,030	0,306	0,001	0,007	0,041	FALSE
-0,168	0,291	-0,004	0,007	0,249	FALSE
0,096	0,309	0,002	0,008	0,107	FALSE
0,071	0,305	0,001	0,008	0,070	FALSE
0,032	0,289	0,001	0,010	0,032	FALSE
-0,182	0,290	-0,004	0,007	0,250	FALSE
0,094	0,305	0,002	0,008	0,121	FALSE
0,014	0,303	0,000	0,007	0,022	FALSE
0,087	0,306	0,003	0,012	0,080	FALSE
-0,049	0,300	-0,001	0,009	0,046	FALSE
-0,060	0,323	-0,002	0,012	0,073	FALSE
-0,103	0,320	-0,003	0,010	0,111	FALSE
0,137	0,306	0,006	0,013	0,201	FALSE
-0,146	0,308	-0,005	0,009	0,210	FALSE
-0,100	0,306	-0,004	0,012	0,130	FALSE
0,011	0,314	0,001	0,011	0,018	FALSE
-0,062	0,315	-0,001	0,007	0,077	FALSE
0,086	0,303	0,002	0,008	0,105	FALSE
-0,009	0,317	0,000	0,008	0,001	FALSE
-0,026	0,316	-0,001	0,013	0,035	FALSE
0,035	0,297	0,001	0,008	0,047	FALSE
-0,145	0,315	-0,004	0,008	0,221	FALSE
0,044	0,283	0,001	0,006	0,075	FALSE
-0,076	0,306	-0,002	0,008	0,093	FALSE
0,027	0,308	0,001	0,007	0,035	FALSE
0,112	0,303	0,002	0,006	0,166	FALSE
0,040	0,314	0,001	0,007	0,047	FALSE
-0,218	0,297	-0,009	0,012	0,337	FALSE
0,151	0,307	0,004	0,007	0,229	FALSE
0,004	0,295	0,000	0,007	0,016	FALSE
-0,154	0,301	-0,006	0,011	0,245	FALSE
0,126	0,303	0,003	0,008	0,163	FALSE
-0,189	0,295	-0,008	0,013	0,278	FALSE

0,147	0,310	0,006	0,013	0,180	FALSE
-0,004	0,301	0,000	0,009	0,013	FALSE
-0,036	0,313	-0,002	0,009	0,084	FALSE
0,045	0,308	0,002	0,011	0,065	FALSE
-0,089	0,312	-0,004	0,012	0,140	FALSE
0,224	0,296	0,009	0,012	0,339	FALSE
0,007	0,298	0,001	0,007	0,028	FALSE
0,007	0,317	0,000	0,012	0,010	FALSE
0,093	0,305	0,003	0,011	0,108	FALSE
0,192	0,298	0,006	0,009	0,278	FALSE
0,137	0,317	0,004	0,010	0,174	FALSE
-0,050	0,308	-0,002	0,010	0,067	FALSE
-0,025	0,295	0,000	0,011	0,004	FALSE
-0,015	0,305	-0,001	0,010	0,033	FALSE
0,081	0,311	0,003	0,013	0,096	FALSE
-0,018	0,301	-0,001	0,009	0,024	FALSE
0,014	0,313	-0,001	0,008	0,025	FALSE
-0,007	0,307	0,000	0,008	0,002	FALSE
-0,050	0,317	-0,001	0,007	0,059	FALSE
-0,072	0,308	-0,003	0,013	0,085	FALSE
0,031	0,321	0,001	0,012	0,019	FALSE
0,134	0,320	0,003	0,007	0,167	FALSE
-0,001	0,314	0,000	0,008	0,004	FALSE
0,011	0,301	0,000	0,007	0,023	FALSE
0,013	0,309	0,000	0,009	0,013	FALSE
-0,069	0,311	-0,003	0,012	0,101	FALSE
-0,006	0,293	0,000	0,008	0,004	FALSE
-0,007	0,304	-0,001	0,011	0,019	FALSE
0,148	0,303	0,004	0,008	0,205	FALSE
0,062	0,318	0,002	0,012	0,066	FALSE
0,033	0,296	0,001	0,006	0,052	FALSE
-0,028	0,315	-0,001	0,006	0,045	FALSE
-0,010	0,310	0,000	0,010	0,011	FALSE
0,029	0,313	0,002	0,010	0,054	FALSE
-0,076	0,295	-0,003	0,011	0,123	FALSE
-0,001	0,297	0,000	0,006	0,015	FALSE
0,023	0,304	0,001	0,010	0,038	FALSE
0,014	0,306	0,001	0,011	0,033	FALSE
0,037	0,305	0,002	0,008	0,072	FALSE
0,064	0,315	0,001	0,007	0,063	FALSE
-0,143	0,308	-0,005	0,011	0,189	FALSE
-0,001	0,299	0,000	0,007	0,003	FALSE
-0,003	0,321	0,000	0,012	0,000	FALSE
-0,121	0,296	-0,003	0,008	0,165	FALSE
-0,109	0,301	-0,003	0,009	0,136	FALSE
0,051	0,319	0,002	0,012	0,062	FALSE
0,047	0,311	0,002	0,012	0,071	FALSE
0,045	0,303	0,002	0,012	0,057	FALSE
0,042	0,298	0,001	0,009	0,036	FALSE
0,017	0,296	0,001	0,007	0,031	FALSE
0,059	0,312	0,002	0,008	0,107	FALSE
0,038	0,302	0,002	0,010	0,057	FALSE
-0,199	0,307	-0,005	0,008	0,279	FALSE

-0,021	0,309	0,000	0,012	0,006	FALSE
-0,092	0,296	-0,002	0,008	0,110	FALSE
0,026	0,305	0,001	0,013	0,030	FALSE
0,060	0,299	0,002	0,012	0,062	FALSE
0,046	0,304	0,002	0,012	0,068	FALSE
-0,119	0,296	-0,002	0,006	0,147	FALSE
-0,033	0,295	-0,002	0,012	0,049	FALSE
-0,008	0,304	0,000	0,013	0,008	FALSE
0,031	0,299	0,002	0,012	0,052	FALSE
0,046	0,301	0,001	0,010	0,022	FALSE
-0,076	0,318	-0,001	0,006	0,071	FALSE
0,095	0,299	0,002	0,007	0,132	FALSE
0,045	0,312	0,001	0,012	0,035	FALSE
-0,038	0,301	-0,001	0,007	0,034	FALSE
-0,127	0,295	-0,005	0,011	0,185	FALSE
-0,007	0,319	-0,001	0,010	0,022	FALSE
0,079	0,310	0,003	0,013	0,094	FALSE
0,055	0,297	0,003	0,012	0,092	FALSE
-0,001	0,306	0,000	0,013	0,003	FALSE
-0,120	0,303	-0,005	0,013	0,155	FALSE
0,016	0,305	0,000	0,009	0,001	FALSE
0,001	0,303	0,000	0,010	0,012	FALSE
0,112	0,299	0,003	0,012	0,109	FALSE
0,124	0,282	0,004	0,011	0,142	FALSE
0,004	0,303	0,000	0,007	0,014	FALSE
0,092	0,303	0,002	0,007	0,106	FALSE
-0,086	0,300	-0,002	0,006	0,099	FALSE
0,007	0,314	0,000	0,012	0,008	FALSE
-0,027	0,308	-0,001	0,008	0,025	FALSE
-0,119	0,302	-0,004	0,011	0,136	FALSE
0,061	0,320	0,001	0,008	0,069	FALSE
-0,054	0,313	-0,001	0,007	0,031	FALSE
0,144	0,297	0,004	0,008	0,194	FALSE
-0,067	0,316	-0,003	0,011	0,091	FALSE
0,016	0,300	0,000	0,008	0,013	FALSE
0,046	0,299	0,002	0,010	0,071	FALSE
0,040	0,308	0,002	0,009	0,069	FALSE
0,064	0,312	0,002	0,008	0,085	FALSE
-0,139	0,310	-0,004	0,009	0,188	FALSE
-0,178	0,287	-0,007	0,011	0,281	FALSE
-0,010	0,311	-0,001	0,012	0,025	FALSE
0,186	0,302	0,006	0,010	0,268	FALSE
0,185	0,307	0,007	0,011	0,277	FALSE
-0,047	0,317	-0,001	0,009	0,053	FALSE
0,029	0,311	0,001	0,008	0,030	FALSE
-0,020	0,298	0,000	0,007	0,001	FALSE
0,025	0,309	0,001	0,007	0,028	FALSE
0,028	0,300	0,001	0,008	0,033	FALSE
-0,041	0,322	-0,002	0,007	0,079	FALSE
-0,052	0,309	-0,002	0,007	0,098	FALSE
0,161	0,309	0,006	0,011	0,216	FALSE
0,154	0,310	0,005	0,011	0,198	FALSE
-0,099	0,311	-0,004	0,012	0,116	FALSE

0,098	0,301	0,003	0,010	0,102	FALSE
-0,056	0,322	-0,001	0,008	0,069	FALSE
-0,209	0,296	-0,006	0,009	0,301	FALSE
0,060	0,299	0,003	0,013	0,096	FALSE
0,073	0,312	0,002	0,011	0,068	FALSE
0,017	0,313	0,000	0,012	0,006	FALSE
-0,067	0,309	-0,002	0,013	0,061	FALSE
-0,114	0,298	-0,003	0,008	0,167	FALSE
0,105	0,315	0,002	0,007	0,124	FALSE
0,003	0,299	0,000	0,011	0,003	FALSE
0,159	0,310	0,004	0,007	0,220	FALSE
0,111	0,310	0,005	0,011	0,176	FALSE
-0,024	0,305	-0,001	0,009	0,044	FALSE
0,063	0,305	0,003	0,008	0,128	FALSE
-0,076	0,303	-0,002	0,009	0,103	FALSE
0,010	0,296	0,001	0,011	0,018	FALSE
0,003	0,306	0,000	0,007	0,003	FALSE
0,036	0,304	0,001	0,008	0,049	FALSE
0,065	0,299	0,003	0,012	0,080	FALSE
-0,077	0,310	-0,002	0,008	0,086	FALSE
0,070	0,308	0,002	0,012	0,063	FALSE
0,003	0,312	0,000	0,009	0,003	FALSE
-0,016	0,317	0,000	0,011	0,007	FALSE
0,025	0,318	0,001	0,007	0,065	FALSE
0,061	0,319	0,002	0,007	0,110	FALSE
0,090	0,298	0,002	0,008	0,112	FALSE
-0,008	0,293	0,000	0,011	0,003	FALSE
-0,058	0,298	-0,001	0,008	0,063	FALSE
0,063	0,306	0,003	0,012	0,077	FALSE
0,106	0,317	0,004	0,013	0,132	FALSE
-0,057	0,319	-0,001	0,009	0,062	FALSE
0,066	0,289	0,001	0,006	0,070	FALSE
-0,085	0,303	-0,002	0,006	0,132	FALSE
0,103	0,295	0,002	0,006	0,096	FALSE
0,202	0,293	0,008	0,013	0,275	FALSE
0,016	0,319	0,001	0,011	0,022	FALSE
0,142	0,305	0,005	0,012	0,171	FALSE
-0,096	0,301	-0,003	0,011	0,128	FALSE
0,073	0,320	0,003	0,013	0,099	FALSE
-0,077	0,287	-0,002	0,009	0,098	FALSE
-0,016	0,305	-0,001	0,008	0,026	FALSE
0,135	0,306	0,004	0,009	0,212	FALSE
0,092	0,288	0,005	0,012	0,153	FALSE
0,079	0,299	0,002	0,007	0,124	FALSE
0,065	0,324	0,002	0,008	0,097	FALSE
-0,062	0,324	-0,002	0,013	0,070	FALSE
-0,046	0,301	-0,001	0,006	0,036	FALSE
-0,062	0,306	-0,003	0,013	0,092	FALSE
-0,061	0,333	-0,002	0,012	0,058	FALSE
0,006	0,312	0,000	0,008	0,010	FALSE
-0,088	0,322	-0,002	0,007	0,108	FALSE
0,119	0,296	0,005	0,013	0,163	FALSE
-0,057	0,308	-0,003	0,013	0,085	FALSE

-0,125	0,317	-0,004	0,009	0,156	FALSE
0,047	0,308	0,001	0,008	0,052	FALSE
-0,116	0,297	-0,003	0,007	0,185	FALSE
0,041	0,306	0,001	0,008	0,060	FALSE
-0,035	0,312	-0,001	0,010	0,054	FALSE
0,046	0,298	0,002	0,009	0,064	FALSE
-0,074	0,301	-0,002	0,009	0,100	FALSE
-0,032	0,296	0,000	0,011	0,007	FALSE
0,019	0,300	0,001	0,007	0,028	FALSE
-0,083	0,318	-0,003	0,012	0,090	FALSE
-0,099	0,301	-0,003	0,010	0,107	FALSE
0,037	0,290	0,001	0,012	0,039	FALSE
0,098	0,298	0,002	0,006	0,128	FALSE
0,002	0,305	0,000	0,010	0,003	FALSE
-0,028	0,299	-0,001	0,009	0,048	FALSE
-0,099	0,314	-0,003	0,009	0,113	FALSE
0,007	0,318	0,000	0,012	0,011	FALSE
-0,010	0,319	-0,001	0,012	0,032	FALSE
0,051	0,311	0,002	0,010	0,077	FALSE
-0,062	0,312	-0,001	0,006	0,082	FALSE
0,029	0,303	0,001	0,012	0,018	FALSE
0,054	0,319	0,001	0,012	0,043	FALSE
-0,040	0,314	-0,001	0,012	0,044	FALSE
0,025	0,305	0,001	0,008	0,023	FALSE
-0,064	0,292	-0,002	0,009	0,083	FALSE
-0,051	0,312	-0,001	0,009	0,050	FALSE
-0,042	0,311	-0,001	0,008	0,067	FALSE
0,005	0,310	0,000	0,013	0,001	FALSE
0,055	0,304	0,001	0,008	0,037	FALSE
0,072	0,306	0,002	0,008	0,111	FALSE
-0,048	0,302	-0,001	0,008	0,050	FALSE
-0,184	0,286	-0,008	0,012	0,304	FALSE
0,055	0,308	0,002	0,008	0,088	FALSE
-0,024	0,312	-0,001	0,010	0,036	FALSE
-0,064	0,293	-0,002	0,008	0,077	FALSE
-0,079	0,307	-0,003	0,012	0,111	FALSE
0,016	0,294	0,001	0,009	0,037	FALSE
-0,223	0,292	-0,005	0,007	0,331	FALSE
0,027	0,304	0,001	0,009	0,056	FALSE
0,056	0,306	0,002	0,009	0,084	FALSE
-0,061	0,301	-0,002	0,008	0,115	FALSE
-0,016	0,316	-0,001	0,011	0,022	FALSE
0,032	0,306	0,001	0,008	0,048	FALSE
0,002	0,299	0,000	0,012	0,002	FALSE
0,119	0,303	0,005	0,011	0,164	FALSE
0,076	0,294	0,002	0,009	0,104	FALSE
0,040	0,309	0,001	0,007	0,074	FALSE
0,086	0,301	0,003	0,009	0,143	FALSE
0,097	0,310	0,002	0,006	0,127	FALSE
0,051	0,295	0,002	0,010	0,068	FALSE
-0,015	0,304	-0,001	0,013	0,042	FALSE
-0,069	0,279	-0,003	0,012	0,107	FALSE
0,093	0,308	0,004	0,012	0,133	FALSE

-0,003	0,308	-0,001	0,011	0,040	FALSE
0,038	0,305	0,000	0,012	0,010	FALSE
-0,012	0,300	-0,001	0,009	0,042	FALSE
-0,042	0,308	-0,001	0,010	0,047	FALSE
0,086	0,310	0,003	0,010	0,121	FALSE
0,084	0,307	0,002	0,008	0,106	FALSE
0,010	0,312	0,001	0,012	0,018	FALSE
0,028	0,316	0,001	0,010	0,025	FALSE
0,161	0,287	0,007	0,011	0,254	FALSE
-0,059	0,307	-0,001	0,009	0,055	FALSE
-0,107	0,309	-0,002	0,007	0,127	FALSE
-0,025	0,314	-0,001	0,010	0,028	FALSE
-0,027	0,311	-0,001	0,007	0,068	FALSE
0,055	0,298	0,001	0,009	0,044	FALSE
0,027	0,308	0,000	0,007	0,013	FALSE
0,062	0,302	0,001	0,008	0,061	FALSE
0,025	0,306	0,001	0,011	0,028	FALSE
0,055	0,294	0,001	0,007	0,039	FALSE
0,029	0,300	0,002	0,011	0,065	FALSE
0,096	0,316	0,003	0,007	0,143	FALSE
-0,023	0,303	-0,001	0,009	0,050	FALSE
0,015	0,307	0,000	0,009	0,012	FALSE
-0,003	0,316	0,000	0,012	0,007	FALSE
-0,142	0,308	-0,003	0,006	0,209	FALSE
-0,002	0,325	0,000	0,008	0,018	FALSE
-0,001	0,304	0,000	0,007	0,023	FALSE
-0,099	0,310	-0,002	0,007	0,154	FALSE
-0,107	0,309	-0,004	0,013	0,131	FALSE
0,050	0,323	0,002	0,011	0,053	FALSE
0,104	0,298	0,002	0,007	0,144	FALSE
0,101	0,293	0,002	0,008	0,095	FALSE
-0,073	0,311	-0,003	0,012	0,101	FALSE
0,043	0,315	0,001	0,007	0,048	FALSE
0,042	0,310	0,001	0,008	0,045	FALSE
0,007	0,311	0,000	0,007	0,010	FALSE
0,089	0,294	0,003	0,007	0,136	FALSE
-0,054	0,317	-0,002	0,010	0,077	FALSE
0,046	0,303	0,003	0,012	0,096	FALSE
0,138	0,299	0,006	0,012	0,198	FALSE
-0,079	0,308	-0,003	0,011	0,119	FALSE
0,118	0,300	0,003	0,007	0,184	FALSE
0,070	0,313	0,001	0,007	0,064	FALSE
0,105	0,306	0,004	0,013	0,135	FALSE
-0,087	0,314	-0,004	0,012	0,110	FALSE
0,177	0,288	0,006	0,010	0,251	FALSE
-0,097	0,303	-0,003	0,009	0,127	FALSE
0,067	0,306	0,004	0,013	0,100	FALSE
-0,030	0,317	-0,001	0,013	0,014	FALSE
0,054	0,298	0,001	0,011	0,037	FALSE
0,020	0,317	0,000	0,012	0,001	FALSE
0,000	0,308	-0,001	0,011	0,023	FALSE
0,016	0,314	0,000	0,008	0,004	FALSE
0,033	0,311	0,001	0,007	0,039	FALSE

-0,069	0,300	-0,002	0,009	0,094	FALSE
0,040	0,312	0,002	0,012	0,051	FALSE
-0,026	0,307	-0,001	0,011	0,030	FALSE
-0,027	0,310	-0,001	0,009	0,028	FALSE
-0,111	0,297	-0,004	0,013	0,125	FALSE
0,050	0,299	0,002	0,006	0,117	FALSE
-0,095	0,300	-0,004	0,012	0,116	FALSE
-0,086	0,291	-0,004	0,012	0,131	FALSE
-0,041	0,294	0,000	0,007	0,022	FALSE
-0,127	0,298	-0,006	0,013	0,182	FALSE
0,091	0,303	0,002	0,007	0,119	FALSE
-0,043	0,301	-0,001	0,007	0,040	FALSE
-0,054	0,303	-0,001	0,007	0,055	FALSE
-0,040	0,301	-0,001	0,011	0,050	FALSE
0,012	0,298	0,001	0,012	0,038	FALSE
-0,154	0,297	-0,004	0,009	0,190	FALSE
-0,054	0,317	-0,002	0,011	0,058	FALSE
0,048	0,308	0,002	0,010	0,074	FALSE
0,066	0,299	0,002	0,008	0,074	FALSE
-0,048	0,304	-0,001	0,007	0,059	FALSE
-0,155	0,301	-0,003	0,006	0,204	FALSE
-0,054	0,301	-0,001	0,006	0,068	FALSE
0,023	0,304	0,001	0,009	0,030	FALSE
-0,038	0,313	-0,001	0,008	0,047	FALSE
-0,049	0,312	-0,001	0,007	0,055	FALSE
0,014	0,303	0,001	0,012	0,018	FALSE
-0,137	0,300	-0,003	0,008	0,161	FALSE
0,006	0,292	0,000	0,009	0,007	FALSE
0,029	0,307	0,001	0,011	0,039	FALSE
-0,032	0,320	0,000	0,009	0,016	FALSE
0,025	0,301	0,001	0,009	0,035	FALSE
0,077	0,318	0,003	0,013	0,098	FALSE
-0,072	0,304	-0,002	0,011	0,066	FALSE
0,041	0,323	0,002	0,012	0,055	FALSE
0,062	0,303	0,003	0,012	0,107	FALSE
0,013	0,308	0,000	0,010	0,017	FALSE
0,090	0,312	0,002	0,007	0,124	FALSE
-0,028	0,293	-0,001	0,006	0,058	FALSE
0,080	0,294	0,003	0,009	0,136	FALSE
0,130	0,307	0,004	0,009	0,182	FALSE
-0,037	0,298	-0,001	0,006	0,049	FALSE
-0,069	0,299	-0,002	0,009	0,082	FALSE
-0,078	0,301	-0,002	0,007	0,128	FALSE
0,064	0,303	0,002	0,013	0,054	FALSE
0,008	0,305	0,001	0,008	0,030	FALSE
0,012	0,303	0,000	0,007	0,002	FALSE
0,023	0,322	0,001	0,009	0,025	FALSE
0,015	0,315	0,001	0,012	0,014	FALSE
0,043	0,313	0,002	0,011	0,054	FALSE
-0,023	0,306	-0,001	0,009	0,040	FALSE
0,132	0,310	0,005	0,012	0,194	FALSE
0,037	0,310	0,002	0,013	0,049	FALSE
-0,010	0,308	0,000	0,007	0,007	FALSE

0,103	0,326	0,002	0,006	0,105	FALSE
-0,040	0,318	-0,001	0,013	0,039	FALSE
0,127	0,299	0,003	0,010	0,136	FALSE
-0,111	0,299	-0,004	0,012	0,137	FALSE
0,036	0,297	0,002	0,012	0,045	FALSE
0,052	0,312	0,001	0,007	0,054	FALSE
-0,111	0,310	-0,003	0,009	0,150	FALSE
-0,047	0,327	-0,001	0,007	0,055	FALSE
-0,035	0,309	-0,001	0,009	0,035	FALSE
-0,063	0,304	-0,003	0,013	0,099	FALSE
0,082	0,314	0,002	0,010	0,082	FALSE
0,084	0,296	0,004	0,012	0,139	FALSE
-0,075	0,310	-0,003	0,010	0,102	FALSE
-0,094	0,305	-0,003	0,012	0,088	FALSE
-0,096	0,300	-0,003	0,011	0,097	FALSE
0,038	0,287	0,001	0,010	0,039	FALSE
-0,030	0,306	-0,001	0,008	0,029	FALSE
-0,065	0,315	-0,002	0,007	0,096	FALSE
0,060	0,305	0,002	0,012	0,079	FALSE
-0,021	0,302	0,000	0,008	0,018	FALSE
-0,029	0,316	-0,001	0,010	0,025	FALSE
0,018	0,296	0,001	0,010	0,033	FALSE
0,041	0,308	0,001	0,009	0,045	FALSE
-0,072	0,312	-0,002	0,007	0,084	FALSE
-0,034	0,313	0,000	0,008	0,010	FALSE
-0,030	0,325	0,000	0,008	0,008	FALSE
-0,042	0,293	-0,001	0,012	0,047	FALSE
0,034	0,300	0,001	0,009	0,050	FALSE
0,019	0,306	0,000	0,007	0,015	FALSE
0,076	0,299	0,003	0,011	0,116	FALSE
0,087	0,313	0,003	0,011	0,122	FALSE
0,066	0,304	0,002	0,008	0,094	FALSE
0,128	0,307	0,003	0,007	0,192	FALSE
-0,070	0,305	-0,002	0,010	0,060	FALSE
-0,009	0,304	-0,001	0,011	0,020	FALSE
-0,038	0,326	-0,002	0,011	0,058	FALSE
0,050	0,308	0,001	0,007	0,041	FALSE
0,023	0,310	0,000	0,007	0,014	FALSE
-0,070	0,301	-0,003	0,012	0,109	FALSE
0,029	0,314	0,000	0,008	0,019	FALSE
0,168	0,297	0,006	0,009	0,266	FALSE
0,098	0,306	0,004	0,011	0,129	FALSE
0,156	0,306	0,005	0,009	0,238	FALSE
0,043	0,313	0,001	0,010	0,053	FALSE
0,032	0,307	0,000	0,007	0,004	FALSE
0,052	0,304	0,001	0,010	0,055	FALSE
0,031	0,306	0,002	0,013	0,045	FALSE
-0,002	0,302	0,000	0,007	0,013	FALSE
0,013	0,293	0,000	0,009	0,005	FALSE
0,034	0,305	0,001	0,009	0,021	FALSE
-0,054	0,306	-0,001	0,006	0,035	FALSE
-0,004	0,321	0,001	0,010	0,024	FALSE
0,060	0,316	0,003	0,011	0,109	FALSE

0,012	0,317	0,001	0,008	0,042	FALSE
-0,137	0,310	-0,004	0,008	0,176	FALSE
0,016	0,297	0,000	0,011	0,008	FALSE
-0,083	0,312	-0,001	0,006	0,079	FALSE
-0,045	0,309	-0,002	0,008	0,078	FALSE
-0,101	0,291	-0,005	0,011	0,169	FALSE
-0,046	0,306	-0,001	0,009	0,058	FALSE
0,037	0,307	0,001	0,012	0,040	FALSE
0,122	0,287	0,004	0,010	0,166	FALSE
-0,031	0,296	-0,001	0,008	0,066	FALSE
0,172	0,310	0,005	0,009	0,247	FALSE
-0,170	0,297	-0,007	0,012	0,246	FALSE
0,215	0,285	0,007	0,009	0,328	FALSE
-0,169	0,278	-0,004	0,007	0,217	FALSE
0,013	0,312	0,000	0,010	0,010	FALSE
-0,149	0,307	-0,006	0,011	0,220	FALSE
-0,169	0,290	-0,006	0,010	0,269	FALSE
-0,112	0,301	-0,004	0,011	0,142	FALSE
0,022	0,306	0,001	0,011	0,037	FALSE
-0,001	0,309	0,000	0,007	0,016	FALSE
-0,053	0,307	-0,001	0,007	0,074	FALSE
-0,033	0,299	-0,001	0,010	0,025	FALSE
0,145	0,293	0,006	0,011	0,223	FALSE
0,097	0,289	0,004	0,011	0,159	FALSE
-0,167	0,294	-0,003	0,006	0,209	FALSE
0,030	0,315	0,001	0,009	0,042	FALSE
0,048	0,320	0,001	0,011	0,038	FALSE
0,023	0,323	0,001	0,007	0,049	FALSE
-0,034	0,320	-0,001	0,009	0,039	FALSE
0,003	0,306	0,000	0,010	0,016	FALSE
-0,065	0,311	-0,002	0,008	0,082	FALSE
0,056	0,295	0,001	0,007	0,062	FALSE
-0,109	0,312	-0,003	0,008	0,135	FALSE
0,132	0,310	0,004	0,009	0,158	FALSE
-0,162	0,319	-0,004	0,008	0,212	FALSE
-0,066	0,298	-0,002	0,010	0,077	FALSE
-0,046	0,316	-0,002	0,011	0,055	FALSE
-0,041	0,323	-0,002	0,013	0,047	FALSE
-0,010	0,299	0,000	0,007	0,007	FALSE
0,072	0,289	0,002	0,008	0,099	FALSE
-0,078	0,309	-0,002	0,012	0,064	FALSE
0,096	0,311	0,003	0,008	0,153	FALSE
0,172	0,304	0,006	0,010	0,262	FALSE
0,048	0,308	0,001	0,008	0,043	FALSE
-0,130	0,304	-0,004	0,009	0,189	FALSE
-0,028	0,328	-0,001	0,012	0,037	FALSE
0,034	0,313	0,001	0,008	0,057	FALSE
0,055	0,308	0,002	0,008	0,088	FALSE
0,037	0,314	0,001	0,013	0,031	FALSE
0,055	0,296	0,001	0,010	0,037	FALSE
-0,147	0,309	-0,006	0,012	0,198	FALSE
0,036	0,302	0,001	0,012	0,026	FALSE
0,095	0,310	0,003	0,012	0,103	FALSE

-0,084	0,304	-0,003	0,010	0,110	FALSE
0,041	0,324	0,001	0,010	0,038	FALSE
-0,016	0,303	-0,001	0,009	0,027	FALSE
0,079	0,304	0,004	0,011	0,129	FALSE
-0,014	0,305	-0,002	0,013	0,056	FALSE
-0,038	0,311	-0,003	0,013	0,081	FALSE
-0,140	0,306	-0,003	0,007	0,172	FALSE
-0,058	0,306	-0,003	0,012	0,106	FALSE
0,081	0,302	0,004	0,011	0,145	FALSE
-0,004	0,302	-0,001	0,007	0,045	FALSE
0,090	0,300	0,005	0,012	0,179	FALSE
-0,016	0,311	-0,001	0,010	0,025	FALSE
0,131	0,310	0,005	0,011	0,177	FALSE
-0,073	0,301	-0,002	0,009	0,093	FALSE
-0,016	0,295	0,000	0,008	0,015	FALSE
0,069	0,315	0,001	0,009	0,059	FALSE
-0,015	0,298	0,000	0,007	0,000	FALSE
-0,019	0,309	-0,001	0,009	0,027	FALSE
-0,013	0,320	0,000	0,007	0,006	FALSE
-0,123	0,305	-0,004	0,008	0,185	FALSE
-0,108	0,310	-0,003	0,009	0,111	FALSE
0,092	0,299	0,003	0,010	0,139	FALSE
0,034	0,319	0,001	0,011	0,017	FALSE
0,112	0,305	0,003	0,008	0,141	FALSE
-0,047	0,318	-0,002	0,009	0,063	FALSE
0,045	0,296	0,001	0,007	0,053	FALSE
-0,053	0,307	-0,003	0,010	0,097	FALSE
-0,021	0,307	-0,001	0,007	0,044	FALSE
-0,018	0,304	-0,001	0,007	0,052	FALSE
-0,017	0,309	-0,001	0,010	0,033	FALSE
0,018	0,298	0,002	0,010	0,072	FALSE
-0,080	0,293	-0,003	0,009	0,120	FALSE
-0,042	0,304	-0,001	0,007	0,064	FALSE
0,071	0,317	0,002	0,007	0,087	FALSE
-0,057	0,316	-0,001	0,009	0,059	FALSE
-0,022	0,312	-0,001	0,007	0,032	FALSE
-0,006	0,311	0,000	0,007	0,007	FALSE
-0,018	0,310	-0,001	0,008	0,040	FALSE
0,107	0,300	0,005	0,013	0,162	FALSE
0,108	0,283	0,004	0,012	0,125	FALSE
-0,002	0,302	0,000	0,011	0,006	FALSE
0,055	0,316	0,002	0,012	0,055	FALSE
0,089	0,324	0,003	0,013	0,094	FALSE
0,113	0,319	0,004	0,013	0,123	FALSE
0,107	0,312	0,004	0,012	0,130	FALSE
0,121	0,299	0,003	0,008	0,145	FALSE
0,122	0,313	0,004	0,012	0,130	FALSE
0,020	0,305	0,000	0,010	0,014	FALSE
0,075	0,293	0,002	0,006	0,112	FALSE
-0,079	0,318	-0,003	0,008	0,127	FALSE
0,044	0,297	0,001	0,006	0,070	FALSE
-0,066	0,316	-0,001	0,008	0,064	FALSE
0,037	0,320	0,001	0,009	0,062	FALSE

0,141	0,297	0,006	0,012	0,205	FALSE
0,049	0,313	0,001	0,012	0,030	FALSE
0,053	0,305	0,001	0,007	0,076	FALSE
-0,114	0,297	-0,003	0,006	0,199	FALSE
-0,117	0,299	-0,005	0,010	0,182	FALSE
-0,014	0,307	-0,001	0,009	0,022	FALSE
0,057	0,304	0,001	0,007	0,063	FALSE
0,047	0,301	0,001	0,008	0,068	FALSE
-0,049	0,319	-0,002	0,013	0,048	FALSE
0,129	0,302	0,004	0,009	0,157	FALSE
-0,167	0,314	-0,007	0,013	0,220	FALSE
-0,171	0,307	-0,007	0,012	0,227	FALSE
0,037	0,301	0,001	0,008	0,054	FALSE
-0,095	0,307	-0,002	0,007	0,119	FALSE
0,022	0,299	0,002	0,013	0,062	FALSE
-0,102	0,307	-0,004	0,008	0,180	FALSE
-0,004	0,302	0,000	0,008	0,004	FALSE
-0,152	0,311	-0,007	0,012	0,233	FALSE
0,090	0,313	0,003	0,007	0,146	FALSE
-0,021	0,308	-0,002	0,011	0,055	FALSE
-0,011	0,301	0,000	0,007	0,011	FALSE
0,069	0,314	0,002	0,009	0,078	FALSE
-0,053	0,309	-0,002	0,010	0,070	FALSE
0,044	0,312	0,001	0,008	0,060	FALSE
0,056	0,312	0,002	0,007	0,088	FALSE
-0,035	0,302	-0,001	0,011	0,048	FALSE
-0,086	0,306	-0,002	0,007	0,100	FALSE
0,031	0,300	0,001	0,010	0,051	FALSE
-0,102	0,314	-0,006	0,013	0,171	FALSE
0,104	0,291	0,002	0,007	0,112	FALSE
0,050	0,305	0,001	0,007	0,055	FALSE
0,068	0,323	0,003	0,013	0,097	FALSE
-0,065	0,310	-0,001	0,007	0,066	FALSE
-0,101	0,305	-0,004	0,010	0,175	FALSE
-0,142	0,297	-0,006	0,009	0,276	FALSE
-0,128	0,307	-0,005	0,010	0,236	FALSE
-0,136	0,310	-0,005	0,010	0,190	FALSE
0,085	0,313	0,004	0,013	0,116	FALSE
0,062	0,322	0,001	0,009	0,039	FALSE
0,057	0,310	0,001	0,009	0,047	FALSE
-0,127	0,310	-0,005	0,012	0,182	FALSE
-0,119	0,291	-0,004	0,009	0,192	FALSE
-0,027	0,304	-0,001	0,009	0,059	FALSE
-0,145	0,306	-0,005	0,009	0,212	FALSE
-0,045	0,309	0,000	0,006	0,028	FALSE
0,099	0,322	0,004	0,010	0,141	FALSE
0,043	0,301	0,001	0,009	0,055	FALSE
0,103	0,313	0,004	0,011	0,130	FALSE
-0,027	0,295	0,000	0,006	0,025	FALSE
-0,037	0,325	-0,001	0,012	0,042	FALSE
0,003	0,301	0,000	0,007	0,002	FALSE
-0,157	0,303	-0,006	0,012	0,231	FALSE
0,011	0,305	0,001	0,010	0,018	FALSE

0,079	0,308	0,003	0,012	0,104	FALSE
0,068	0,317	0,002	0,012	0,071	FALSE
0,027	0,318	0,001	0,008	0,031	FALSE
-0,071	0,305	-0,002	0,011	0,089	FALSE
-0,092	0,310	-0,003	0,008	0,128	FALSE
0,087	0,316	0,002	0,008	0,115	FALSE
-0,058	0,314	-0,003	0,011	0,096	FALSE
0,029	0,308	0,001	0,007	0,057	FALSE
0,081	0,314	0,003	0,009	0,104	FALSE
-0,031	0,308	-0,001	0,009	0,040	FALSE
0,099	0,306	0,002	0,006	0,153	FALSE
-0,029	0,299	0,000	0,008	0,017	FALSE
-0,068	0,307	-0,003	0,011	0,107	FALSE
-0,082	0,301	-0,003	0,010	0,141	FALSE
-0,027	0,312	-0,001	0,013	0,031	FALSE
-0,102	0,298	-0,004	0,010	0,160	FALSE
0,075	0,299	0,003	0,012	0,115	FALSE
0,051	0,299	0,002	0,011	0,069	FALSE
-0,022	0,310	-0,001	0,012	0,016	FALSE
0,106	0,308	0,005	0,012	0,153	FALSE
0,050	0,307	0,001	0,008	0,063	FALSE
-0,042	0,304	-0,001	0,012	0,023	FALSE
-0,069	0,291	-0,002	0,007	0,107	FALSE
-0,024	0,290	-0,001	0,012	0,016	FALSE
-0,103	0,296	-0,003	0,007	0,159	FALSE
-0,111	0,308	-0,004	0,011	0,158	FALSE
-0,152	0,303	-0,004	0,007	0,249	FALSE
0,071	0,304	0,004	0,012	0,112	FALSE
0,132	0,294	0,003	0,007	0,183	FALSE
-0,135	0,311	-0,003	0,007	0,160	FALSE
0,010	0,313	0,001	0,007	0,039	FALSE
0,009	0,300	0,000	0,011	0,009	FALSE
0,098	0,302	0,003	0,009	0,116	FALSE
0,072	0,300	0,003	0,011	0,093	FALSE
0,021	0,304	0,001	0,011	0,017	FALSE
-0,025	0,324	-0,001	0,009	0,051	FALSE
-0,144	0,298	-0,003	0,007	0,173	FALSE
0,014	0,312	0,000	0,009	0,005	FALSE
-0,051	0,305	-0,001	0,013	0,035	FALSE
0,103	0,307	0,003	0,009	0,126	FALSE
0,001	0,296	0,000	0,006	0,017	FALSE
0,040	0,322	0,001	0,012	0,041	FALSE
-0,007	0,292	-0,001	0,009	0,020	FALSE
-0,083	0,300	-0,002	0,010	0,082	FALSE
-0,118	0,300	-0,003	0,009	0,149	FALSE
-0,023	0,303	0,000	0,012	0,013	FALSE
-0,077	0,295	-0,003	0,011	0,093	FALSE
-0,068	0,290	-0,002	0,007	0,112	FALSE
-0,068	0,307	-0,001	0,007	0,079	FALSE
0,087	0,306	0,003	0,009	0,119	FALSE
0,042	0,296	0,001	0,007	0,035	FALSE
0,063	0,299	0,001	0,008	0,045	FALSE
0,067	0,304	0,003	0,011	0,119	FALSE

0,097	0,301	0,003	0,008	0,122	FALSE
0,039	0,317	0,001	0,008	0,062	FALSE
-0,151	0,302	-0,004	0,008	0,194	FALSE
-0,098	0,303	-0,004	0,011	0,151	FALSE
-0,074	0,318	-0,002	0,011	0,081	FALSE
-0,113	0,314	-0,002	0,007	0,112	FALSE
-0,033	0,299	-0,001	0,012	0,028	FALSE
0,006	0,311	0,000	0,009	0,012	FALSE
-0,042	0,308	-0,001	0,010	0,044	FALSE
0,022	0,313	0,001	0,008	0,031	FALSE
0,093	0,305	0,004	0,012	0,110	FALSE
-0,122	0,304	-0,004	0,008	0,181	FALSE
0,058	0,308	0,001	0,008	0,065	FALSE
0,123	0,303	0,005	0,012	0,180	FALSE
-0,072	0,303	-0,001	0,006	0,088	FALSE
-0,018	0,318	-0,001	0,007	0,044	FALSE
-0,044	0,308	0,000	0,007	0,024	FALSE
0,068	0,307	0,002	0,008	0,072	FALSE
0,019	0,314	0,001	0,008	0,025	FALSE
0,055	0,307	0,001	0,008	0,045	FALSE
0,123	0,316	0,005	0,013	0,154	FALSE
-0,015	0,302	-0,001	0,011	0,044	FALSE
-0,020	0,313	-0,001	0,007	0,036	FALSE
0,075	0,306	0,002	0,009	0,088	FALSE
0,012	0,307	0,000	0,008	0,007	FALSE
0,026	0,314	0,001	0,007	0,030	FALSE
-0,135	0,290	-0,006	0,012	0,202	FALSE
0,010	0,302	0,000	0,006	0,008	FALSE
0,115	0,308	0,003	0,006	0,160	FALSE
-0,011	0,309	-0,001	0,012	0,022	FALSE
0,059	0,307	0,002	0,010	0,087	FALSE
0,096	0,309	0,002	0,008	0,120	FALSE
0,080	0,321	0,002	0,007	0,092	FALSE
-0,065	0,323	-0,002	0,011	0,080	FALSE
0,086	0,310	0,004	0,012	0,135	FALSE
-0,033	0,300	-0,001	0,007	0,037	FALSE
-0,121	0,308	-0,003	0,009	0,142	FALSE
-0,010	0,309	0,000	0,007	0,010	FALSE
-0,204	0,300	-0,004	0,006	0,285	FALSE
-0,070	0,305	-0,001	0,006	0,087	FALSE
-0,065	0,319	-0,001	0,007	0,054	FALSE
0,052	0,294	0,001	0,008	0,065	FALSE
0,065	0,322	0,003	0,013	0,101	FALSE
0,046	0,319	0,002	0,009	0,079	FALSE
-0,056	0,315	-0,001	0,008	0,064	FALSE
-0,062	0,307	-0,002	0,008	0,102	FALSE
0,071	0,304	0,002	0,011	0,075	FALSE
-0,154	0,296	-0,005	0,010	0,231	FALSE
-0,068	0,316	-0,002	0,007	0,083	FALSE
-0,048	0,305	-0,001	0,007	0,053	FALSE
-0,072	0,310	-0,002	0,009	0,066	FALSE
0,205	0,295	0,009	0,012	0,318	FALSE
-0,051	0,321	-0,002	0,008	0,075	FALSE

-0,002	0,309	0,000	0,012	0,008	FALSE
-0,089	0,316	-0,002	0,008	0,098	FALSE
0,023	0,323	0,001	0,013	0,029	FALSE
-0,059	0,322	-0,001	0,008	0,068	FALSE
-0,093	0,317	-0,003	0,008	0,137	FALSE
0,097	0,304	0,003	0,009	0,161	FALSE
-0,057	0,308	-0,003	0,012	0,078	FALSE
0,007	0,306	0,001	0,011	0,019	FALSE
-0,087	0,303	-0,003	0,009	0,148	FALSE
0,034	0,305	0,000	0,009	0,014	FALSE
0,134	0,289	0,006	0,012	0,200	FALSE
0,010	0,305	0,000	0,008	0,011	FALSE
-0,120	0,303	-0,005	0,011	0,178	FALSE
-0,111	0,295	-0,004	0,011	0,159	FALSE
-0,099	0,317	-0,002	0,007	0,140	FALSE
-0,153	0,305	-0,004	0,008	0,221	FALSE
-0,103	0,310	-0,005	0,013	0,163	FALSE
-0,090	0,308	-0,005	0,012	0,156	FALSE
-0,102	0,311	-0,003	0,008	0,127	FALSE
-0,047	0,310	-0,001	0,008	0,034	FALSE
0,026	0,315	0,001	0,012	0,022	FALSE
-0,035	0,310	0,000	0,006	0,022	FALSE
-0,091	0,301	-0,003	0,011	0,125	FALSE
-0,064	0,312	-0,002	0,010	0,090	FALSE
0,162	0,294	0,006	0,011	0,209	FALSE
-0,061	0,295	-0,001	0,006	0,058	FALSE
-0,014	0,313	0,000	0,007	0,022	FALSE
-0,118	0,302	-0,004	0,011	0,168	FALSE
0,111	0,306	0,004	0,008	0,185	FALSE
-0,001	0,302	0,000	0,008	0,018	FALSE
-0,076	0,324	-0,003	0,012	0,090	FALSE
-0,068	0,312	-0,003	0,009	0,119	FALSE
-0,025	0,302	0,000	0,007	0,007	FALSE
-0,005	0,299	0,000	0,012	0,003	FALSE
-0,065	0,284	-0,002	0,008	0,104	FALSE
-0,026	0,313	-0,001	0,009	0,044	FALSE
-0,119	0,306	-0,003	0,007	0,178	FALSE
-0,039	0,317	-0,001	0,010	0,055	FALSE
-0,053	0,321	-0,002	0,010	0,062	FALSE
0,079	0,316	0,002	0,007	0,095	FALSE
-0,079	0,307	-0,002	0,008	0,088	FALSE
0,111	0,301	0,004	0,010	0,151	FALSE
0,082	0,302	0,003	0,010	0,117	FALSE
-0,105	0,300	-0,005	0,011	0,191	FALSE
0,054	0,309	0,002	0,007	0,082	FALSE
0,009	0,311	0,001	0,010	0,024	FALSE
0,103	0,299	0,002	0,008	0,116	FALSE
0,053	0,307	0,001	0,007	0,063	FALSE
0,057	0,286	0,001	0,006	0,063	FALSE
-0,168	0,301	-0,007	0,012	0,234	FALSE
-0,063	0,311	-0,002	0,013	0,062	FALSE
-0,044	0,297	-0,001	0,007	0,050	FALSE
0,145	0,308	0,003	0,007	0,173	FALSE

-0,074	0,315	-0,001	0,006	0,086	FALSE
-0,096	0,311	-0,004	0,010	0,152	FALSE
-0,104	0,306	-0,002	0,007	0,131	FALSE
-0,089	0,313	-0,002	0,007	0,122	FALSE
0,109	0,304	0,004	0,011	0,133	FALSE
-0,059	0,301	-0,002	0,009	0,067	FALSE
-0,164	0,307	-0,004	0,008	0,256	FALSE
-0,012	0,318	0,000	0,007	0,018	FALSE
-0,100	0,305	-0,003	0,007	0,173	FALSE
-0,067	0,317	-0,001	0,007	0,082	FALSE
-0,127	0,309	-0,003	0,008	0,154	FALSE
0,034	0,289	0,002	0,012	0,070	FALSE
0,040	0,289	0,002	0,011	0,081	FALSE
0,057	0,296	0,003	0,012	0,093	FALSE
-0,114	0,287	-0,004	0,008	0,201	FALSE
-0,022	0,312	0,000	0,006	0,017	FALSE
0,017	0,301	0,000	0,007	0,019	FALSE
0,094	0,312	0,004	0,013	0,118	FALSE
-0,032	0,311	-0,001	0,008	0,038	FALSE
0,008	0,309	0,000	0,013	0,014	FALSE
-0,095	0,307	-0,003	0,009	0,130	FALSE
-0,115	0,313	-0,003	0,009	0,147	FALSE
0,096	0,310	0,004	0,013	0,112	FALSE
0,241	0,285	0,009	0,010	0,445	FALSE
-0,018	0,322	-0,001	0,010	0,024	FALSE
-0,075	0,302	-0,002	0,010	0,056	FALSE
-0,028	0,300	-0,002	0,010	0,058	FALSE
-0,045	0,303	-0,001	0,010	0,051	FALSE
-0,070	0,305	-0,004	0,011	0,137	FALSE
-0,051	0,307	-0,001	0,007	0,070	FALSE
0,026	0,311	0,001	0,007	0,028	FALSE
0,085	0,293	0,003	0,009	0,146	FALSE
0,071	0,298	0,003	0,009	0,131	FALSE
0,056	0,306	0,003	0,010	0,100	FALSE
0,087	0,307	0,004	0,010	0,164	FALSE
-0,050	0,317	-0,001	0,007	0,069	FALSE
0,050	0,305	0,001	0,009	0,055	FALSE
0,130	0,309	0,005	0,010	0,199	FALSE
-0,033	0,308	-0,002	0,013	0,062	FALSE
-0,113	0,300	-0,003	0,008	0,156	FALSE
-0,162	0,295	-0,007	0,012	0,234	FALSE
-0,006	0,310	0,000	0,011	0,004	FALSE
-0,047	0,327	-0,002	0,013	0,071	FALSE
0,010	0,317	0,000	0,009	0,003	FALSE
-0,024	0,311	-0,002	0,013	0,046	FALSE
0,135	0,297	0,005	0,011	0,162	FALSE
-0,024	0,320	-0,001	0,013	0,025	FALSE
-0,031	0,311	-0,001	0,012	0,029	FALSE
-0,004	0,312	0,000	0,007	0,009	FALSE
0,065	0,293	0,001	0,007	0,072	FALSE
0,167	0,289	0,005	0,009	0,228	FALSE
0,022	0,309	0,000	0,007	0,021	FALSE
-0,031	0,307	-0,001	0,012	0,039	FALSE

0,014	0,312	0,000	0,012	0,012	FALSE
-0,078	0,321	-0,003	0,013	0,097	FALSE
-0,139	0,298	-0,004	0,010	0,181	FALSE
-0,032	0,292	-0,001	0,008	0,047	FALSE
0,008	0,315	0,000	0,013	0,010	FALSE
-0,007	0,320	-0,001	0,013	0,018	FALSE
-0,011	0,315	0,000	0,013	0,011	FALSE
-0,025	0,304	-0,001	0,012	0,022	FALSE
-0,010	0,315	-0,001	0,013	0,022	FALSE
-0,005	0,315	0,000	0,013	0,011	FALSE
0,012	0,320	0,000	0,013	0,010	FALSE
-0,002	0,330	0,000	0,013	0,013	FALSE
-0,009	0,324	-0,001	0,013	0,016	FALSE
-0,004	0,329	0,000	0,013	0,002	FALSE
0,020	0,325	0,001	0,013	0,020	FALSE
-0,036	0,312	-0,001	0,013	0,035	FALSE
0,017	0,315	0,000	0,013	0,012	FALSE
-0,018	0,322	-0,001	0,013	0,018	FALSE
0,140	0,311	0,006	0,012	0,192	FALSE
-0,121	0,307	-0,004	0,011	0,133	FALSE
-0,030	0,311	-0,001	0,007	0,044	FALSE
0,000	0,315	0,000	0,008	0,007	FALSE
-0,060	0,297	-0,001	0,007	0,044	FALSE
-0,010	0,297	-0,001	0,008	0,026	FALSE
-0,055	0,305	-0,001	0,007	0,045	FALSE
0,034	0,295	0,001	0,008	0,046	FALSE
0,001	0,319	0,000	0,013	0,001	FALSE
0,075	0,308	0,002	0,007	0,085	FALSE
0,020	0,309	0,000	0,010	0,001	FALSE
0,084	0,296	0,001	0,007	0,080	FALSE
0,032	0,312	0,001	0,008	0,026	FALSE
-0,034	0,313	-0,001	0,009	0,042	FALSE
0,056	0,310	0,001	0,008	0,043	FALSE
0,158	0,300	0,004	0,009	0,218	FALSE
-0,101	0,309	-0,002	0,007	0,111	FALSE
0,008	0,301	0,000	0,010	0,010	FALSE
-0,011	0,310	0,000	0,012	0,001	FALSE
0,011	0,300	0,001	0,009	0,040	FALSE
-0,012	0,309	-0,001	0,013	0,033	FALSE
-0,019	0,316	-0,001	0,007	0,043	FALSE
-0,037	0,288	-0,002	0,011	0,049	FALSE
-0,040	0,313	-0,001	0,007	0,046	FALSE
-0,003	0,304	0,000	0,008	0,010	FALSE
-0,081	0,309	-0,002	0,010	0,077	FALSE
0,111	0,297	0,003	0,008	0,141	FALSE
-0,261	0,285	-0,010	0,011	0,448	FALSE
0,031	0,309	0,002	0,013	0,048	FALSE
-0,036	0,312	-0,001	0,010	0,050	FALSE
-0,130	0,300	-0,004	0,007	0,209	FALSE
-0,063	0,287	-0,001	0,007	0,082	FALSE
-0,103	0,295	-0,003	0,008	0,126	FALSE
-0,052	0,307	-0,001	0,008	0,067	FALSE
0,018	0,300	0,001	0,009	0,022	FALSE

-0,113	0,303	-0,003	0,008	0,140	FALSE
-0,047	0,294	-0,002	0,009	0,062	FALSE
-0,006	0,294	0,000	0,009	0,000	FALSE
0,082	0,307	0,003	0,008	0,137	FALSE
0,086	0,321	0,002	0,007	0,089	FALSE
-0,118	0,297	-0,004	0,009	0,180	FALSE
-0,098	0,303	-0,003	0,009	0,152	FALSE
-0,011	0,306	0,000	0,011	0,016	FALSE
-0,109	0,296	-0,004	0,009	0,167	FALSE
-0,043	0,298	-0,001	0,007	0,051	FALSE
0,175	0,305	0,004	0,007	0,270	FALSE
0,090	0,310	0,002	0,006	0,101	FALSE
-0,118	0,301	-0,004	0,009	0,181	FALSE
-0,048	0,306	-0,003	0,012	0,077	FALSE
-0,010	0,310	0,000	0,008	0,011	FALSE
-0,014	0,305	0,000	0,007	0,004	FALSE
0,106	0,307	0,004	0,012	0,133	FALSE
0,010	0,315	0,000	0,010	0,011	FALSE
-0,014	0,311	0,000	0,007	0,022	FALSE
-0,080	0,305	-0,002	0,006	0,121	FALSE
-0,005	0,313	0,000	0,011	0,010	FALSE
0,058	0,303	0,003	0,011	0,084	FALSE
0,098	0,308	0,004	0,013	0,138	FALSE
0,013	0,318	0,000	0,013	0,001	FALSE
-0,029	0,306	-0,001	0,010	0,025	FALSE
-0,084	0,308	-0,002	0,007	0,087	FALSE
0,096	0,300	0,002	0,008	0,107	FALSE
0,008	0,308	0,000	0,007	0,019	FALSE
-0,172	0,294	-0,005	0,010	0,232	FALSE
0,017	0,304	0,000	0,007	0,015	FALSE
0,006	0,313	0,001	0,007	0,028	FALSE
0,033	0,304	0,001	0,012	0,044	FALSE
0,054	0,290	0,001	0,012	0,039	FALSE
0,000	0,314	0,000	0,007	0,008	FALSE
0,073	0,308	0,003	0,010	0,122	FALSE
0,061	0,298	0,002	0,007	0,093	FALSE
0,066	0,301	0,001	0,006	0,051	FALSE
0,022	0,312	0,000	0,008	0,016	FALSE
0,017	0,318	0,001	0,013	0,021	FALSE
0,047	0,319	0,002	0,007	0,079	FALSE
0,056	0,288	0,002	0,013	0,066	FALSE
-0,062	0,321	-0,003	0,012	0,091	FALSE
-0,168	0,288	-0,008	0,012	0,289	FALSE
-0,001	0,301	0,001	0,012	0,030	FALSE
0,013	0,298	0,001	0,012	0,042	FALSE
0,038	0,302	0,001	0,008	0,044	FALSE
0,073	0,302	0,002	0,007	0,078	FALSE
0,042	0,328	0,001	0,009	0,057	FALSE
0,207	0,304	0,005	0,007	0,293	FALSE
-0,041	0,307	-0,001	0,007	0,060	FALSE
0,025	0,308	0,001	0,011	0,018	FALSE
-0,121	0,300	-0,004	0,009	0,175	FALSE
-0,133	0,304	-0,005	0,012	0,192	FALSE

0,105	0,313	0,003	0,010	0,123	FALSE
-0,124	0,305	-0,004	0,010	0,184	FALSE
-0,019	0,294	0,000	0,012	0,006	FALSE
0,048	0,305	0,002	0,007	0,102	FALSE
-0,028	0,307	-0,001	0,013	0,027	FALSE
-0,102	0,300	-0,004	0,010	0,151	FALSE
-0,014	0,298	0,001	0,010	0,030	FALSE
-0,077	0,299	-0,001	0,007	0,080	FALSE
-0,156	0,305	-0,006	0,012	0,219	FALSE
0,048	0,306	0,002	0,008	0,070	FALSE
-0,002	0,316	0,000	0,013	0,005	FALSE
0,162	0,285	0,006	0,012	0,197	FALSE
0,152	0,307	0,005	0,013	0,166	FALSE
-0,080	0,303	-0,001	0,008	0,073	FALSE
-0,063	0,309	-0,001	0,007	0,058	FALSE
0,070	0,309	0,003	0,012	0,101	FALSE
-0,040	0,308	-0,001	0,009	0,045	FALSE
0,046	0,317	0,002	0,009	0,076	FALSE
-0,032	0,306	-0,001	0,009	0,056	FALSE
-0,062	0,311	-0,002	0,010	0,074	FALSE
-0,067	0,293	-0,003	0,010	0,103	FALSE
0,070	0,308	0,001	0,007	0,056	FALSE
0,051	0,314	0,001	0,008	0,040	FALSE
0,087	0,303	0,003	0,011	0,088	FALSE
-0,101	0,290	-0,003	0,007	0,187	FALSE
-0,097	0,306	-0,003	0,006	0,171	FALSE
0,118	0,296	0,003	0,008	0,153	FALSE
0,075	0,309	0,002	0,007	0,100	FALSE
0,050	0,315	0,002	0,012	0,067	FALSE
-0,024	0,313	-0,001	0,007	0,030	FALSE
-0,034	0,311	-0,001	0,009	0,045	FALSE
-0,026	0,313	-0,001	0,009	0,033	FALSE
-0,091	0,296	-0,005	0,013	0,145	FALSE
-0,021	0,309	-0,001	0,011	0,022	FALSE
-0,084	0,300	-0,002	0,007	0,118	FALSE
-0,113	0,302	-0,005	0,012	0,157	FALSE
-0,038	0,314	-0,001	0,011	0,047	FALSE
-0,089	0,302	-0,002	0,009	0,101	FALSE
-0,058	0,304	-0,002	0,011	0,084	FALSE
0,068	0,304	0,002	0,006	0,119	FALSE
-0,057	0,318	-0,002	0,012	0,076	FALSE
0,105	0,303	0,004	0,009	0,168	FALSE
-0,039	0,311	-0,001	0,010	0,033	FALSE
-0,196	0,301	-0,004	0,007	0,254	FALSE
0,175	0,302	0,007	0,011	0,296	FALSE
-0,046	0,296	-0,002	0,010	0,085	FALSE
0,176	0,306	0,006	0,010	0,272	FALSE
0,008	0,307	0,000	0,011	0,012	FALSE
-0,015	0,306	0,000	0,012	0,009	FALSE
-0,068	0,300	-0,001	0,008	0,066	FALSE
-0,024	0,301	0,000	0,013	0,008	FALSE
0,058	0,309	0,001	0,007	0,071	FALSE
0,076	0,304	0,002	0,008	0,120	FALSE

0,034	0,312	0,002	0,012	0,047	FALSE
0,142	0,305	0,003	0,007	0,171	FALSE
-0,014	0,298	-0,002	0,012	0,058	FALSE
0,011	0,289	0,002	0,013	0,044	FALSE
-0,088	0,317	-0,002	0,008	0,101	FALSE
-0,048	0,317	-0,001	0,007	0,045	FALSE
-0,069	0,293	-0,003	0,010	0,110	FALSE
-0,052	0,301	-0,002	0,010	0,066	FALSE
0,103	0,319	0,002	0,006	0,108	FALSE
0,009	0,311	0,000	0,006	0,020	FALSE
0,000	0,316	0,000	0,007	0,010	FALSE
-0,034	0,300	0,000	0,011	0,014	FALSE
0,010	0,308	0,000	0,008	0,021	FALSE
-0,025	0,300	-0,001	0,007	0,042	FALSE
-0,007	0,306	0,000	0,008	0,004	FALSE
-0,026	0,312	-0,001	0,012	0,034	FALSE
0,011	0,302	0,000	0,006	0,008	FALSE
-0,115	0,318	-0,004	0,011	0,167	FALSE
0,025	0,311	0,002	0,013	0,052	FALSE
-0,019	0,326	-0,001	0,012	0,023	FALSE
-0,002	0,306	0,000	0,006	0,005	FALSE
0,059	0,313	0,002	0,013	0,066	FALSE
-0,006	0,315	0,000	0,010	0,001	FALSE
-0,013	0,314	-0,001	0,008	0,030	FALSE
-0,077	0,321	-0,002	0,008	0,095	FALSE
0,093	0,304	0,002	0,009	0,107	FALSE
0,126	0,302	0,004	0,009	0,184	FALSE
-0,001	0,313	0,000	0,012	0,009	FALSE
-0,043	0,315	-0,001	0,007	0,069	FALSE
-0,049	0,313	-0,002	0,012	0,058	FALSE
0,087	0,319	0,002	0,007	0,137	FALSE
-0,112	0,307	-0,003	0,008	0,160	FALSE
-0,113	0,301	-0,003	0,008	0,160	FALSE
-0,022	0,305	-0,001	0,009	0,036	FALSE
0,070	0,312	0,002	0,009	0,097	FALSE
-0,109	0,294	-0,003	0,008	0,150	FALSE
0,079	0,317	0,002	0,008	0,105	FALSE
-0,112	0,299	-0,003	0,008	0,136	FALSE
-0,100	0,292	-0,004	0,012	0,128	FALSE
0,118	0,295	0,003	0,007	0,176	FALSE
0,144	0,294	0,004	0,009	0,177	FALSE
-0,105	0,284	-0,004	0,012	0,125	FALSE
-0,090	0,303	-0,004	0,013	0,112	FALSE
0,109	0,304	0,004	0,009	0,178	FALSE
-0,089	0,313	-0,004	0,011	0,162	FALSE
-0,045	0,299	-0,003	0,012	0,081	FALSE
-0,042	0,284	-0,003	0,011	0,085	FALSE
0,061	0,297	0,002	0,007	0,103	FALSE
-0,025	0,298	0,000	0,011	0,014	FALSE
0,051	0,310	0,001	0,009	0,044	FALSE
0,005	0,318	0,001	0,007	0,029	FALSE
-0,048	0,314	-0,001	0,007	0,042	FALSE
-0,020	0,305	-0,001	0,009	0,036	FALSE

0,052	0,308	0,001	0,008	0,059	FALSE
0,111	0,293	0,003	0,008	0,163	FALSE
-0,024	0,310	0,000	0,007	0,005	FALSE
0,070	0,305	0,002	0,009	0,104	FALSE
-0,027	0,301	-0,001	0,008	0,026	FALSE
0,123	0,299	0,003	0,007	0,152	FALSE
-0,014	0,306	0,000	0,007	0,018	FALSE
0,028	0,307	0,001	0,009	0,028	FALSE
0,039	0,311	0,002	0,010	0,070	FALSE
0,065	0,308	0,001	0,008	0,049	FALSE
-0,074	0,298	-0,003	0,010	0,135	FALSE
0,012	0,306	0,000	0,011	0,007	FALSE
0,009	0,297	0,000	0,010	0,010	FALSE
-0,096	0,309	-0,002	0,007	0,139	FALSE
0,068	0,309	0,002	0,008	0,093	FALSE
-0,123	0,318	-0,003	0,008	0,179	FALSE
-0,130	0,300	-0,003	0,008	0,181	FALSE
-0,186	0,288	-0,008	0,012	0,292	FALSE
-0,075	0,301	-0,003	0,012	0,092	FALSE
-0,007	0,317	0,000	0,008	0,022	FALSE
0,108	0,292	0,004	0,011	0,166	FALSE
-0,069	0,291	-0,002	0,010	0,082	FALSE
0,036	0,307	0,001	0,010	0,050	FALSE
-0,103	0,306	-0,004	0,013	0,134	FALSE
-0,023	0,302	-0,001	0,009	0,034	FALSE
0,155	0,290	0,005	0,011	0,202	FALSE
0,118	0,314	0,002	0,007	0,145	FALSE
-0,030	0,311	0,000	0,006	0,024	FALSE
0,019	0,307	0,001	0,011	0,017	FALSE
-0,045	0,313	-0,002	0,012	0,053	FALSE
-0,145	0,306	-0,003	0,007	0,166	FALSE
0,137	0,301	0,004	0,009	0,179	FALSE
0,055	0,310	0,002	0,011	0,066	FALSE
-0,045	0,303	-0,001	0,009	0,045	FALSE
-0,052	0,303	-0,001	0,008	0,042	FALSE
0,100	0,309	0,003	0,010	0,126	FALSE
0,072	0,299	0,002	0,009	0,088	FALSE
0,014	0,314	0,000	0,010	0,010	FALSE
0,072	0,309	0,003	0,010	0,103	FALSE
0,058	0,300	0,002	0,007	0,093	FALSE
0,057	0,313	0,002	0,011	0,081	FALSE
0,024	0,304	0,001	0,010	0,047	FALSE
0,029	0,306	0,001	0,010	0,050	FALSE
-0,060	0,310	-0,002	0,009	0,091	FALSE
-0,036	0,304	-0,001	0,010	0,039	FALSE
-0,048	0,315	-0,002	0,009	0,067	FALSE
0,032	0,315	0,001	0,008	0,039	FALSE
0,010	0,306	0,001	0,012	0,036	FALSE
-0,003	0,301	0,000	0,006	0,015	FALSE
0,008	0,297	0,000	0,006	0,003	FALSE
-0,036	0,309	-0,001	0,007	0,035	FALSE
0,002	0,312	0,000	0,013	0,006	FALSE
0,149	0,309	0,003	0,006	0,182	FALSE

-0,022	0,303	-0,001	0,009	0,038	FALSE
-0,110	0,304	-0,003	0,008	0,152	FALSE
-0,005	0,306	0,000	0,006	0,015	FALSE
-0,038	0,307	-0,002	0,013	0,053	FALSE
0,026	0,312	0,000	0,007	0,025	FALSE
-0,025	0,308	0,000	0,006	0,014	FALSE
-0,049	0,307	0,000	0,007	0,018	FALSE
0,047	0,305	0,001	0,007	0,052	FALSE
0,009	0,289	0,000	0,006	0,001	FALSE
-0,020	0,330	-0,001	0,013	0,034	FALSE
-0,048	0,317	-0,002	0,013	0,062	FALSE
-0,056	0,305	-0,003	0,013	0,079	FALSE
-0,088	0,299	-0,004	0,012	0,121	FALSE
0,083	0,310	0,003	0,009	0,109	FALSE
0,047	0,318	0,002	0,010	0,063	FALSE
0,045	0,313	0,002	0,010	0,071	FALSE
0,040	0,311	0,001	0,010	0,046	FALSE
-0,009	0,316	0,000	0,008	0,011	FALSE
-0,085	0,314	-0,002	0,007	0,120	FALSE
0,011	0,312	0,001	0,011	0,028	FALSE
0,124	0,292	0,003	0,007	0,179	FALSE
-0,003	0,305	0,000	0,010	0,001	FALSE
0,028	0,306	0,001	0,011	0,046	FALSE
0,001	0,295	0,001	0,010	0,017	FALSE
-0,028	0,295	-0,001	0,010	0,043	FALSE
-0,040	0,305	-0,001	0,010	0,029	FALSE
0,021	0,302	0,001	0,006	0,032	FALSE
-0,017	0,307	0,000	0,006	0,009	FALSE
-0,005	0,313	0,000	0,012	0,009	FALSE
0,002	0,298	0,000	0,007	0,004	FALSE
0,124	0,302	0,004	0,009	0,176	FALSE
0,056	0,323	0,001	0,007	0,071	FALSE
0,074	0,315	0,004	0,013	0,103	FALSE
0,110	0,299	0,003	0,010	0,122	FALSE
-0,147	0,291	-0,004	0,008	0,204	FALSE
-0,015	0,310	-0,001	0,011	0,026	FALSE
0,141	0,305	0,004	0,010	0,166	FALSE
-0,061	0,298	-0,001	0,009	0,049	FALSE
-0,123	0,300	-0,005	0,012	0,170	FALSE
0,085	0,292	0,003	0,011	0,093	FALSE
0,039	0,314	0,002	0,012	0,047	FALSE
-0,122	0,319	-0,005	0,012	0,189	FALSE
0,140	0,301	0,005	0,010	0,221	FALSE
0,135	0,297	0,003	0,007	0,178	FALSE
-0,043	0,313	-0,002	0,010	0,062	FALSE
-0,038	0,301	-0,001	0,011	0,017	FALSE
-0,036	0,303	0,000	0,011	0,008	FALSE
-0,005	0,314	0,000	0,009	0,006	FALSE
0,029	0,303	0,001	0,012	0,029	FALSE
0,017	0,302	0,000	0,009	0,014	FALSE
-0,018	0,319	-0,001	0,011	0,040	FALSE
-0,084	0,295	-0,004	0,012	0,113	FALSE
0,074	0,313	0,002	0,009	0,076	FALSE

0,104	0,311	0,003	0,010	0,131	FALSE
-0,094	0,305	-0,002	0,007	0,097	FALSE
-0,016	0,302	-0,001	0,009	0,044	FALSE
-0,116	0,305	-0,005	0,011	0,173	FALSE
0,098	0,328	0,003	0,010	0,125	FALSE
-0,106	0,297	-0,002	0,007	0,109	FALSE
-0,058	0,317	-0,003	0,012	0,078	FALSE
-0,083	0,298	-0,003	0,010	0,096	FALSE
0,062	0,301	0,002	0,008	0,105	FALSE
-0,061	0,309	-0,001	0,011	0,044	FALSE
0,040	0,315	0,001	0,008	0,037	FALSE
-0,117	0,309	-0,003	0,007	0,180	FALSE
-0,136	0,293	-0,004	0,010	0,177	FALSE
-0,043	0,303	-0,002	0,013	0,058	FALSE
0,080	0,309	0,003	0,013	0,094	FALSE
0,099	0,290	0,004	0,012	0,122	FALSE
0,084	0,301	0,003	0,013	0,092	FALSE
0,087	0,299	0,003	0,012	0,085	FALSE
0,122	0,308	0,002	0,007	0,135	FALSE
0,139	0,305	0,004	0,009	0,194	FALSE
-0,071	0,314	-0,003	0,010	0,110	FALSE
0,018	0,297	0,000	0,007	0,002	FALSE
0,061	0,317	0,003	0,012	0,085	FALSE
0,002	0,317	0,000	0,013	0,010	FALSE
0,008	0,320	0,001	0,010	0,041	FALSE
-0,085	0,323	-0,003	0,010	0,113	FALSE
-0,078	0,304	-0,003	0,009	0,114	FALSE
-0,039	0,301	-0,001	0,009	0,054	FALSE
-0,045	0,304	-0,001	0,008	0,045	FALSE
0,034	0,306	0,001	0,011	0,016	FALSE
0,001	0,307	0,000	0,010	0,009	FALSE
0,157	0,304	0,006	0,011	0,236	FALSE
-0,021	0,311	-0,001	0,009	0,045	FALSE
0,107	0,314	0,004	0,011	0,141	FALSE
-0,069	0,312	-0,002	0,011	0,084	FALSE
-0,123	0,297	-0,003	0,007	0,154	FALSE
-0,001	0,308	0,000	0,009	0,010	FALSE
-0,052	0,312	-0,001	0,007	0,049	FALSE
0,019	0,315	0,000	0,011	0,003	FALSE
0,021	0,303	0,001	0,013	0,021	FALSE
-0,004	0,311	0,000	0,013	0,009	FALSE
0,014	0,311	0,001	0,009	0,027	FALSE
-0,067	0,307	-0,001	0,007	0,073	FALSE
-0,044	0,306	-0,001	0,007	0,033	FALSE
-0,042	0,311	-0,001	0,011	0,028	FALSE
0,036	0,309	0,000	0,008	0,020	FALSE
0,056	0,302	0,002	0,008	0,080	FALSE
-0,015	0,302	0,000	0,007	0,013	FALSE
-0,142	0,300	-0,004	0,010	0,166	FALSE
-0,119	0,301	-0,004	0,010	0,166	FALSE
-0,056	0,320	-0,001	0,006	0,085	FALSE
-0,054	0,294	-0,002	0,011	0,067	FALSE
-0,120	0,289	-0,005	0,012	0,146	FALSE

0,009	0,304	0,001	0,011	0,029	FALSE
-0,018	0,299	-0,001	0,012	0,034	FALSE
0,034	0,310	0,002	0,013	0,045	FALSE
0,009	0,306	0,001	0,012	0,026	FALSE
0,028	0,306	0,001	0,012	0,043	FALSE
-0,040	0,309	-0,001	0,013	0,030	FALSE
-0,010	0,318	-0,001	0,009	0,026	FALSE
-0,022	0,322	-0,001	0,010	0,024	FALSE
-0,111	0,300	-0,005	0,012	0,170	FALSE
-0,063	0,302	-0,002	0,009	0,080	FALSE
0,073	0,323	0,002	0,010	0,078	FALSE
-0,007	0,314	0,000	0,012	0,001	FALSE
-0,111	0,304	-0,003	0,007	0,152	FALSE
-0,080	0,297	-0,003	0,012	0,097	FALSE
-0,048	0,318	-0,002	0,013	0,047	FALSE
0,011	0,326	0,001	0,013	0,029	FALSE
-0,001	0,324	0,001	0,013	0,015	FALSE
0,025	0,310	0,001	0,012	0,034	FALSE
0,031	0,313	0,002	0,012	0,047	FALSE
0,008	0,313	0,001	0,013	0,015	FALSE
0,041	0,322	0,002	0,013	0,054	FALSE
0,028	0,309	0,002	0,013	0,053	FALSE
0,014	0,322	0,001	0,013	0,023	FALSE
0,007	0,315	0,001	0,013	0,017	FALSE
0,035	0,298	0,001	0,007	0,035	FALSE
0,150	0,307	0,004	0,007	0,224	FALSE
-0,127	0,305	-0,003	0,006	0,192	FALSE
0,158	0,310	0,005	0,011	0,205	FALSE
0,044	0,320	0,002	0,013	0,054	FALSE
-0,011	0,310	-0,001	0,013	0,016	FALSE
-0,013	0,317	0,000	0,013	0,014	FALSE
-0,016	0,315	-0,001	0,012	0,021	FALSE
-0,006	0,317	-0,001	0,013	0,019	FALSE
0,022	0,313	0,002	0,013	0,063	FALSE
0,011	0,309	0,001	0,013	0,027	FALSE
-0,101	0,290	-0,003	0,010	0,119	FALSE
0,040	0,301	0,001	0,008	0,044	FALSE
0,076	0,311	0,001	0,007	0,084	FALSE
-0,100	0,307	-0,002	0,007	0,125	FALSE
0,133	0,311	0,005	0,010	0,200	FALSE
-0,022	0,306	-0,002	0,012	0,067	FALSE
-0,037	0,305	-0,002	0,013	0,056	FALSE
-0,163	0,304	-0,005	0,010	0,219	FALSE
-0,114	0,302	-0,003	0,008	0,125	FALSE
-0,089	0,305	-0,002	0,007	0,093	FALSE
-0,119	0,303	-0,003	0,008	0,152	FALSE
-0,134	0,304	-0,004	0,010	0,167	FALSE
-0,146	0,311	-0,004	0,009	0,183	FALSE
-0,140	0,298	-0,003	0,009	0,161	FALSE
-0,114	0,297	-0,003	0,008	0,133	FALSE
0,026	0,316	0,001	0,007	0,033	FALSE
0,071	0,307	0,003	0,013	0,103	FALSE
-0,023	0,318	0,000	0,012	0,013	FALSE

0,185	0,289	0,006	0,009	0,332	FALSE
-0,073	0,305	-0,002	0,006	0,100	FALSE
0,058	0,299	0,002	0,009	0,102	FALSE
0,076	0,302	0,003	0,009	0,118	FALSE
-0,106	0,303	-0,003	0,008	0,182	FALSE
-0,010	0,311	0,000	0,013	0,012	FALSE
-0,024	0,314	-0,001	0,013	0,027	FALSE
-0,017	0,327	-0,001	0,013	0,023	FALSE
-0,008	0,322	0,000	0,013	0,011	FALSE
-0,008	0,323	0,000	0,013	0,007	FALSE
0,020	0,328	0,001	0,014	0,019	FALSE
0,005	0,323	0,000	0,013	0,011	FALSE
-0,003	0,305	0,000	0,012	0,007	FALSE
0,005	0,320	0,000	0,013	0,001	FALSE
0,010	0,312	0,000	0,013	0,011	FALSE
-0,015	0,320	-0,001	0,013	0,021	FALSE
-0,017	0,325	-0,001	0,013	0,023	FALSE
-0,021	0,327	-0,001	0,013	0,020	FALSE
0,022	0,325	0,000	0,013	0,013	FALSE
0,006	0,313	0,001	0,013	0,017	FALSE
0,004	0,314	0,000	0,013	0,002	FALSE
-0,027	0,315	-0,001	0,011	0,022	FALSE
0,200	0,314	0,008	0,013	0,293	FALSE
0,030	0,312	0,001	0,012	0,034	FALSE
0,036	0,307	0,001	0,006	0,083	FALSE
-0,037	0,309	-0,001	0,010	0,022	FALSE
0,016	0,303	0,000	0,007	0,016	FALSE
-0,091	0,298	-0,003	0,009	0,149	FALSE
-0,080	0,299	-0,003	0,009	0,128	FALSE
-0,089	0,304	-0,002	0,009	0,083	FALSE
-0,061	0,308	-0,002	0,007	0,102	FALSE
0,021	0,307	0,000	0,007	0,015	FALSE
0,038	0,299	0,002	0,012	0,048	FALSE
0,136	0,303	0,003	0,006	0,164	FALSE
0,013	0,307	0,000	0,007	0,008	FALSE
0,047	0,313	0,001	0,007	0,073	FALSE
0,119	0,308	0,003	0,009	0,150	FALSE
-0,078	0,325	-0,003	0,011	0,109	FALSE
-0,097	0,311	-0,003	0,010	0,125	FALSE
-0,079	0,307	-0,003	0,010	0,113	FALSE
-0,093	0,299	-0,004	0,013	0,142	FALSE
-0,024	0,302	-0,001	0,012	0,040	FALSE
-0,014	0,325	0,000	0,013	0,007	FALSE
0,112	0,300	0,005	0,012	0,152	FALSE
0,126	0,304	0,002	0,006	0,151	FALSE
0,040	0,316	0,001	0,012	0,015	FALSE
-0,048	0,305	-0,001	0,007	0,051	FALSE
-0,005	0,306	0,000	0,006	0,002	FALSE
-0,080	0,312	-0,002	0,011	0,067	FALSE
0,078	0,304	0,001	0,007	0,079	FALSE
0,132	0,304	0,003	0,007	0,186	FALSE
0,137	0,294	0,003	0,007	0,178	FALSE
-0,082	0,307	-0,003	0,011	0,117	FALSE

0,035	0,306	0,001	0,012	0,039	FALSE
-0,083	0,325	-0,004	0,012	0,119	FALSE
-0,154	0,297	-0,007	0,013	0,239	FALSE
-0,028	0,301	0,000	0,006	0,020	FALSE
0,071	0,307	0,002	0,008	0,113	FALSE
-0,001	0,309	0,000	0,007	0,006	FALSE
-0,011	0,311	0,000	0,006	0,003	FALSE
0,047	0,303	0,002	0,010	0,080	FALSE
0,049	0,314	0,002	0,009	0,087	FALSE
0,084	0,303	0,003	0,009	0,125	FALSE
0,061	0,323	0,002	0,009	0,093	FALSE
0,023	0,314	0,002	0,011	0,055	FALSE
0,059	0,311	0,002	0,009	0,095	FALSE
-0,023	0,302	0,000	0,006	0,002	FALSE
-0,111	0,305	-0,005	0,013	0,150	FALSE
-0,145	0,293	-0,004	0,008	0,240	FALSE
-0,121	0,310	-0,006	0,013	0,178	FALSE
-0,109	0,308	-0,002	0,007	0,134	FALSE
0,080	0,301	0,003	0,010	0,111	FALSE
0,034	0,323	0,001	0,013	0,036	FALSE
-0,011	0,309	-0,001	0,012	0,017	FALSE
-0,002	0,319	0,000	0,007	0,012	FALSE
0,036	0,308	0,001	0,007	0,029	FALSE
-0,096	0,308	-0,004	0,012	0,113	FALSE
0,062	0,316	0,002	0,008	0,105	FALSE
0,017	0,313	0,000	0,009	0,005	FALSE
-0,003	0,317	0,000	0,013	0,003	FALSE
0,088	0,310	0,004	0,012	0,141	FALSE
-0,091	0,293	-0,003	0,008	0,158	FALSE
-0,065	0,306	-0,001	0,009	0,054	FALSE
0,031	0,316	0,000	0,011	0,009	FALSE
-0,060	0,307	-0,003	0,012	0,098	FALSE
-0,020	0,308	-0,001	0,010	0,047	FALSE
-0,030	0,309	0,000	0,010	0,010	FALSE
-0,024	0,310	0,000	0,012	0,012	FALSE
-0,010	0,308	0,000	0,006	0,001	FALSE
-0,054	0,321	-0,002	0,010	0,066	FALSE
-0,079	0,291	-0,002	0,007	0,132	FALSE
-0,059	0,302	-0,001	0,007	0,079	FALSE
0,023	0,318	0,000	0,009	0,014	FALSE
0,041	0,298	0,002	0,010	0,081	FALSE
0,024	0,318	0,001	0,012	0,045	FALSE
0,056	0,310	0,001	0,008	0,055	FALSE
-0,083	0,325	-0,003	0,012	0,108	FALSE
0,034	0,291	0,001	0,012	0,035	FALSE
0,085	0,305	0,003	0,009	0,117	FALSE
-0,004	0,292	0,000	0,007	0,007	FALSE
0,015	0,319	0,000	0,008	0,000	FALSE
0,015	0,324	0,001	0,011	0,016	FALSE
0,017	0,317	0,001	0,010	0,023	FALSE
0,023	0,301	0,001	0,013	0,030	FALSE
-0,037	0,314	-0,001	0,006	0,053	FALSE
-0,089	0,305	-0,002	0,009	0,105	FALSE

-0,082	0,311	-0,002	0,008	0,100	FALSE
-0,078	0,315	-0,002	0,009	0,080	FALSE
-0,081	0,301	-0,002	0,009	0,091	FALSE
-0,077	0,304	-0,002	0,009	0,084	FALSE
-0,081	0,306	-0,002	0,008	0,089	FALSE
-0,077	0,305	-0,002	0,009	0,092	FALSE
-0,103	0,306	-0,003	0,009	0,117	FALSE
0,008	0,298	0,001	0,012	0,017	FALSE
-0,059	0,313	-0,002	0,010	0,093	FALSE
-0,046	0,306	-0,001	0,009	0,050	FALSE
-0,063	0,312	-0,002	0,010	0,073	FALSE
0,025	0,306	0,001	0,010	0,043	FALSE
0,038	0,306	0,002	0,010	0,053	FALSE
0,000	0,311	0,001	0,011	0,021	FALSE
-0,017	0,308	-0,001	0,010	0,038	FALSE
-0,044	0,307	-0,003	0,013	0,088	FALSE
-0,023	0,312	-0,002	0,013	0,056	FALSE
0,093	0,318	0,004	0,013	0,116	FALSE
0,070	0,320	0,003	0,013	0,083	FALSE
-0,083	0,301	-0,002	0,009	0,103	FALSE
-0,051	0,294	-0,002	0,012	0,055	FALSE
-0,024	0,307	0,000	0,009	0,008	FALSE
-0,083	0,309	-0,002	0,008	0,074	FALSE
-0,011	0,302	0,000	0,009	0,005	FALSE
0,011	0,303	0,001	0,009	0,035	FALSE
0,007	0,305	0,001	0,009	0,036	FALSE
0,002	0,307	0,001	0,009	0,019	FALSE
0,001	0,302	0,001	0,009	0,026	FALSE
0,020	0,309	0,001	0,009	0,051	FALSE
0,023	0,318	0,001	0,009	0,031	FALSE
-0,093	0,301	-0,002	0,006	0,104	FALSE
-0,016	0,299	-0,001	0,012	0,027	FALSE
-0,128	0,307	-0,004	0,008	0,182	FALSE
0,121	0,296	0,004	0,010	0,151	FALSE
0,093	0,296	0,002	0,009	0,106	FALSE
0,054	0,313	0,001	0,007	0,049	FALSE
-0,112	0,295	-0,003	0,007	0,164	FALSE
-0,110	0,322	-0,003	0,007	0,143	FALSE
-0,056	0,314	-0,002	0,013	0,071	FALSE
-0,023	0,318	-0,001	0,013	0,035	FALSE
-0,028	0,312	-0,001	0,008	0,048	FALSE
-0,016	0,306	-0,001	0,008	0,036	FALSE
-0,027	0,303	-0,001	0,007	0,032	FALSE
-0,119	0,309	-0,005	0,013	0,140	FALSE
-0,060	0,313	-0,002	0,007	0,093	FALSE
0,139	0,303	0,006	0,013	0,170	FALSE
-0,015	0,299	-0,001	0,007	0,037	FALSE
-0,046	0,314	-0,001	0,007	0,064	FALSE
-0,049	0,322	-0,001	0,007	0,052	FALSE
-0,062	0,306	-0,003	0,013	0,081	FALSE
-0,139	0,310	-0,005	0,011	0,188	FALSE
-0,165	0,297	-0,006	0,011	0,249	FALSE
0,070	0,300	0,002	0,007	0,078	FALSE

-0,122	0,316	-0,004	0,009	0,171	FALSE
-0,189	0,304	-0,005	0,009	0,263	FALSE
0,033	0,307	0,001	0,008	0,048	FALSE
-0,108	0,309	-0,005	0,011	0,166	FALSE
-0,044	0,306	-0,002	0,010	0,061	FALSE
0,066	0,298	0,003	0,012	0,109	FALSE
0,036	0,317	0,002	0,010	0,054	FALSE
-0,073	0,306	-0,002	0,007	0,096	FALSE
-0,170	0,300	-0,003	0,006	0,222	FALSE
0,056	0,303	0,001	0,007	0,071	FALSE
0,078	0,298	0,002	0,009	0,095	FALSE
0,023	0,307	0,001	0,013	0,029	FALSE
0,044	0,323	0,001	0,009	0,058	FALSE
-0,093	0,302	-0,002	0,009	0,106	FALSE
-0,044	0,319	-0,001	0,008	0,044	FALSE
-0,004	0,309	0,000	0,013	0,008	FALSE
-0,111	0,310	-0,004	0,009	0,152	FALSE
-0,002	0,307	0,000	0,009	0,009	FALSE
0,033	0,314	0,000	0,008	0,004	FALSE
0,030	0,305	0,001	0,009	0,051	FALSE
0,053	0,291	0,002	0,009	0,086	FALSE
-0,019	0,313	-0,002	0,012	0,056	FALSE
0,035	0,310	0,002	0,012	0,068	FALSE
0,082	0,292	0,005	0,012	0,160	FALSE
0,049	0,304	0,001	0,008	0,055	FALSE
-0,047	0,311	-0,001	0,013	0,021	FALSE
-0,092	0,299	-0,003	0,011	0,106	FALSE
0,094	0,317	0,003	0,014	0,092	FALSE
0,078	0,297	0,002	0,012	0,050	FALSE
0,019	0,315	0,001	0,007	0,051	FALSE
-0,043	0,320	-0,001	0,009	0,032	FALSE
0,023	0,302	0,000	0,008	0,003	FALSE
0,031	0,302	0,000	0,010	0,017	FALSE
-0,013	0,324	0,000	0,011	0,006	FALSE
0,022	0,312	0,000	0,008	0,009	FALSE
-0,148	0,299	-0,004	0,008	0,198	FALSE
-0,016	0,310	0,000	0,012	0,010	FALSE
0,087	0,306	0,004	0,010	0,139	FALSE
-0,044	0,308	-0,001	0,012	0,042	FALSE
0,101	0,301	0,002	0,008	0,097	FALSE
-0,022	0,315	-0,001	0,011	0,017	FALSE
0,003	0,308	0,000	0,007	0,010	FALSE
0,067	0,310	0,003	0,010	0,120	FALSE
-0,066	0,308	-0,002	0,009	0,072	FALSE
-0,079	0,307	-0,002	0,009	0,082	FALSE
0,110	0,317	0,005	0,013	0,143	FALSE
-0,130	0,308	-0,004	0,009	0,189	FALSE
-0,030	0,305	-0,001	0,011	0,021	FALSE
-0,075	0,304	-0,002	0,007	0,125	FALSE
-0,053	0,307	-0,002	0,008	0,097	FALSE
-0,010	0,301	0,000	0,008	0,012	FALSE
-0,018	0,305	0,000	0,009	0,017	FALSE
-0,008	0,311	0,000	0,009	0,007	FALSE

0,030	0,320	0,001	0,013	0,029	FALSE
0,155	0,305	0,004	0,009	0,182	FALSE
-0,040	0,317	-0,002	0,013	0,056	FALSE
-0,073	0,306	-0,004	0,013	0,107	FALSE
-0,054	0,303	-0,003	0,012	0,077	FALSE
0,017	0,313	0,000	0,011	0,007	FALSE
0,046	0,307	0,001	0,009	0,038	FALSE
0,221	0,290	0,007	0,008	0,373	FALSE
-0,067	0,315	-0,001	0,007	0,064	FALSE
-0,116	0,303	-0,005	0,012	0,160	FALSE
0,065	0,309	0,001	0,008	0,066	FALSE
0,060	0,319	0,001	0,008	0,062	FALSE
-0,079	0,296	-0,001	0,007	0,074	FALSE
0,061	0,300	0,003	0,012	0,090	FALSE
-0,004	0,295	-0,002	0,012	0,048	FALSE
0,000	0,302	-0,001	0,013	0,032	FALSE
-0,006	0,309	-0,002	0,013	0,053	FALSE
-0,090	0,290	-0,004	0,012	0,133	FALSE
-0,072	0,299	-0,001	0,007	0,065	FALSE
-0,005	0,307	0,000	0,008	0,007	FALSE
0,010	0,325	0,000	0,009	0,003	FALSE
0,143	0,305	0,004	0,008	0,203	FALSE
0,040	0,307	0,002	0,013	0,060	FALSE
0,036	0,311	0,002	0,013	0,051	FALSE
-0,033	0,305	-0,001	0,010	0,026	FALSE
0,119	0,307	0,003	0,008	0,161	FALSE
-0,292	0,295	-0,008	0,008	0,499	FALSE
0,073	0,307	0,002	0,008	0,103	FALSE
-0,218	0,295	-0,009	0,012	0,358	FALSE
-0,202	0,307	-0,009	0,013	0,305	TRUE
-0,117	0,305	-0,003	0,008	0,148	FALSE
-0,107	0,301	-0,004	0,012	0,130	FALSE
0,065	0,311	0,002	0,008	0,074	FALSE
0,096	0,314	0,003	0,008	0,134	FALSE
0,008	0,325	0,000	0,009	0,006	FALSE
-0,116	0,309	-0,002	0,006	0,159	FALSE
0,150	0,287	0,003	0,007	0,174	FALSE
0,049	0,304	0,001	0,009	0,048	FALSE
0,087	0,303	0,002	0,009	0,079	FALSE
0,029	0,307	0,001	0,010	0,030	FALSE
-0,006	0,317	0,000	0,007	0,025	FALSE
-0,168	0,302	-0,005	0,008	0,245	FALSE
-0,148	0,298	-0,004	0,007	0,221	FALSE
-0,044	0,309	-0,002	0,012	0,057	FALSE
-0,023	0,306	-0,001	0,012	0,021	FALSE
0,006	0,307	0,000	0,008	0,009	FALSE
-0,001	0,311	0,000	0,009	0,011	FALSE
0,057	0,310	0,001	0,006	0,086	FALSE
-0,104	0,303	-0,003	0,008	0,153	FALSE
0,123	0,299	0,003	0,006	0,202	FALSE
0,033	0,312	0,001	0,010	0,041	FALSE
-0,058	0,296	-0,003	0,011	0,097	FALSE
0,019	0,319	0,001	0,010	0,033	FALSE

0,073	0,320	0,002	0,010	0,080	FALSE
0,069	0,319	0,001	0,009	0,058	FALSE
0,024	0,320	0,000	0,010	0,009	FALSE
-0,013	0,313	0,000	0,010	0,006	FALSE
0,022	0,313	0,000	0,008	0,010	FALSE
0,043	0,310	0,002	0,012	0,064	FALSE
0,027	0,299	0,001	0,011	0,026	FALSE
0,031	0,304	0,001	0,013	0,027	FALSE
0,172	0,309	0,006	0,011	0,236	FALSE
-0,109	0,294	-0,005	0,012	0,176	FALSE
0,205	0,304	0,008	0,011	0,340	FALSE
-0,047	0,318	-0,001	0,010	0,054	FALSE
-0,001	0,308	0,000	0,012	0,003	FALSE
-0,003	0,302	-0,001	0,012	0,030	FALSE
0,098	0,319	0,002	0,007	0,108	FALSE
0,044	0,303	0,002	0,011	0,055	FALSE
-0,005	0,304	0,000	0,007	0,002	FALSE
-0,116	0,311	-0,005	0,013	0,154	FALSE
-0,097	0,310	-0,004	0,013	0,132	FALSE
-0,073	0,308	-0,002	0,011	0,080	FALSE
-0,067	0,292	-0,002	0,007	0,089	FALSE
-0,065	0,316	-0,003	0,013	0,097	FALSE
-0,037	0,313	-0,001	0,007	0,029	FALSE
0,006	0,313	0,001	0,013	0,036	FALSE
-0,072	0,296	-0,002	0,007	0,120	FALSE
0,063	0,324	0,002	0,008	0,081	FALSE
-0,101	0,317	-0,003	0,008	0,154	FALSE
0,148	0,308	0,006	0,010	0,243	FALSE
0,037	0,315	0,002	0,012	0,052	FALSE
0,063	0,313	0,003	0,012	0,084	FALSE
0,001	0,303	0,000	0,006	0,013	FALSE
-0,015	0,308	0,000	0,006	0,009	FALSE
0,173	0,292	0,005	0,008	0,235	FALSE
-0,002	0,305	0,000	0,008	0,008	FALSE
-0,018	0,313	0,000	0,006	0,001	FALSE
-0,031	0,309	0,000	0,007	0,019	FALSE
0,119	0,310	0,002	0,006	0,128	FALSE
0,048	0,302	0,001	0,008	0,049	FALSE
-0,016	0,288	0,000	0,006	0,005	FALSE
0,101	0,309	0,002	0,008	0,106	FALSE
0,059	0,309	0,002	0,013	0,044	FALSE
0,086	0,296	0,002	0,006	0,101	FALSE
0,042	0,294	0,001	0,006	0,033	FALSE
-0,086	0,300	-0,004	0,012	0,113	FALSE
-0,057	0,292	-0,002	0,012	0,072	FALSE
0,046	0,310	0,002	0,010	0,061	FALSE
0,037	0,310	0,002	0,009	0,065	FALSE
-0,122	0,310	-0,004	0,009	0,189	FALSE
0,004	0,306	0,000	0,008	0,014	FALSE
-0,043	0,305	-0,001	0,008	0,039	FALSE
-0,080	0,297	-0,002	0,009	0,091	FALSE
-0,069	0,310	-0,002	0,013	0,068	FALSE
0,095	0,303	0,003	0,008	0,132	FALSE

-0,008	0,305	-0,001	0,010	0,039	FALSE
-0,059	0,305	-0,001	0,011	0,045	FALSE
-0,061	0,321	-0,002	0,012	0,070	FALSE
-0,111	0,311	-0,004	0,009	0,159	FALSE
-0,026	0,309	0,000	0,007	0,019	FALSE
0,015	0,308	0,001	0,012	0,022	FALSE
-0,030	0,298	0,000	0,009	0,017	FALSE
-0,125	0,314	-0,005	0,012	0,161	FALSE
-0,103	0,296	-0,003	0,009	0,140	FALSE
0,020	0,303	0,000	0,006	0,017	FALSE
-0,033	0,304	-0,001	0,008	0,060	FALSE
-0,134	0,308	-0,003	0,007	0,165	FALSE
0,007	0,309	0,000	0,009	0,000	FALSE
-0,149	0,297	-0,006	0,011	0,215	FALSE
0,031	0,306	0,001	0,007	0,053	FALSE
0,096	0,317	0,003	0,010	0,121	FALSE
-0,038	0,310	-0,001	0,011	0,048	FALSE
0,001	0,311	0,000	0,010	0,002	FALSE
0,106	0,310	0,004	0,010	0,148	FALSE
-0,018	0,301	0,000	0,008	0,001	FALSE
-0,049	0,301	-0,001	0,007	0,029	FALSE
0,085	0,298	0,003	0,012	0,093	FALSE
0,006	0,309	0,001	0,008	0,031	FALSE
-0,008	0,321	0,000	0,011	0,001	FALSE
0,054	0,301	0,002	0,010	0,063	FALSE
0,054	0,318	0,001	0,008	0,055	FALSE
0,032	0,328	0,000	0,011	0,009	FALSE
0,110	0,314	0,003	0,011	0,104	FALSE
0,122	0,306	0,004	0,011	0,161	FALSE
-0,150	0,289	-0,007	0,012	0,248	FALSE
0,118	0,301	0,005	0,012	0,175	FALSE
0,003	0,309	0,000	0,008	0,009	FALSE
-0,024	0,292	-0,001	0,008	0,038	FALSE
-0,069	0,287	-0,002	0,010	0,095	FALSE
-0,034	0,304	-0,001	0,008	0,033	FALSE
-0,005	0,306	0,000	0,006	0,018	FALSE
-0,100	0,301	-0,003	0,008	0,133	FALSE
-0,067	0,294	-0,002	0,007	0,081	FALSE
-0,015	0,299	0,000	0,009	0,017	FALSE
0,017	0,304	0,001	0,007	0,033	FALSE
0,004	0,318	0,000	0,010	0,007	FALSE
-0,114	0,325	-0,005	0,014	0,150	FALSE
0,079	0,310	0,002	0,010	0,090	FALSE
0,048	0,324	0,001	0,007	0,036	FALSE
0,005	0,292	0,000	0,012	0,005	FALSE
-0,105	0,312	-0,004	0,010	0,139	FALSE
0,043	0,309	0,001	0,010	0,052	FALSE
-0,039	0,295	-0,002	0,013	0,058	FALSE
-0,021	0,306	0,000	0,009	0,018	FALSE
-0,045	0,303	-0,002	0,013	0,050	FALSE
0,025	0,301	0,001	0,008	0,053	FALSE
0,094	0,306	0,005	0,012	0,157	FALSE
-0,102	0,291	-0,004	0,011	0,157	FALSE

0,076	0,322	0,003	0,012	0,107	FALSE
0,076	0,299	0,002	0,012	0,062	FALSE
-0,121	0,310	-0,003	0,008	0,170	FALSE
0,095	0,300	0,004	0,012	0,116	FALSE
0,012	0,305	0,001	0,012	0,028	FALSE
-0,024	0,318	0,000	0,010	0,017	FALSE
-0,032	0,307	-0,001	0,009	0,039	FALSE
0,052	0,304	0,002	0,011	0,061	FALSE
0,051	0,310	0,001	0,011	0,043	FALSE
-0,005	0,309	0,000	0,008	0,012	FALSE
-0,005	0,293	0,000	0,008	0,011	FALSE
-0,060	0,306	-0,002	0,007	0,091	FALSE
-0,033	0,295	-0,001	0,007	0,053	FALSE
-0,108	0,308	-0,002	0,007	0,131	FALSE
-0,093	0,303	-0,002	0,007	0,113	FALSE
-0,064	0,303	-0,002	0,007	0,099	FALSE
0,054	0,304	0,001	0,008	0,059	FALSE
0,056	0,299	0,002	0,010	0,059	FALSE
-0,099	0,295	-0,003	0,008	0,147	FALSE
-0,023	0,325	-0,001	0,010	0,038	FALSE
0,079	0,308	0,001	0,006	0,079	FALSE
-0,025	0,311	0,000	0,006	0,028	FALSE
-0,016	0,321	0,000	0,013	0,005	FALSE
-0,125	0,310	-0,004	0,010	0,184	FALSE
-0,139	0,307	-0,005	0,010	0,196	FALSE
0,052	0,300	0,003	0,011	0,104	FALSE
0,042	0,313	0,001	0,009	0,040	FALSE
-0,076	0,318	-0,001	0,008	0,067	FALSE
-0,057	0,301	-0,001	0,007	0,050	FALSE
0,134	0,302	0,005	0,010	0,197	FALSE
0,047	0,306	0,001	0,006	0,060	FALSE
0,099	0,296	0,003	0,008	0,123	FALSE
0,097	0,289	0,002	0,008	0,093	FALSE
0,025	0,315	0,000	0,006	0,017	FALSE
0,094	0,312	0,002	0,008	0,110	FALSE
0,133	0,307	0,004	0,008	0,177	FALSE
-0,006	0,324	0,000	0,012	0,008	FALSE
0,006	0,309	0,001	0,012	0,020	FALSE
-0,137	0,319	-0,005	0,012	0,174	FALSE
-0,137	0,323	-0,005	0,013	0,161	FALSE
-0,173	0,307	-0,006	0,011	0,233	FALSE
-0,175	0,305	-0,006	0,011	0,239	FALSE
0,108	0,320	0,004	0,012	0,147	FALSE
0,130	0,306	0,003	0,007	0,205	FALSE
0,040	0,306	0,002	0,007	0,091	FALSE
-0,120	0,304	-0,005	0,011	0,175	FALSE
0,108	0,314	0,003	0,008	0,160	FALSE
0,022	0,302	0,000	0,012	0,007	FALSE
-0,031	0,308	-0,001	0,007	0,034	FALSE
-0,043	0,319	-0,001	0,007	0,043	FALSE
-0,088	0,306	-0,003	0,011	0,095	FALSE
0,066	0,301	0,001	0,007	0,061	FALSE
0,080	0,308	0,002	0,010	0,068	FALSE

0,027	0,308	0,001	0,007	0,057	FALSE
0,089	0,313	0,003	0,009	0,131	FALSE
0,084	0,309	0,002	0,007	0,113	FALSE
0,052	0,318	0,002	0,011	0,066	FALSE
-0,062	0,304	-0,002	0,009	0,085	FALSE
0,086	0,303	0,003	0,010	0,128	FALSE
0,053	0,303	0,002	0,010	0,080	FALSE
-0,024	0,307	-0,001	0,007	0,042	FALSE
0,066	0,307	0,002	0,008	0,086	FALSE
-0,126	0,305	-0,003	0,007	0,159	FALSE
-0,100	0,313	-0,003	0,008	0,174	FALSE
-0,091	0,303	-0,003	0,010	0,122	FALSE
-0,100	0,280	-0,003	0,009	0,140	FALSE
-0,129	0,298	-0,004	0,008	0,182	FALSE
0,022	0,312	0,001	0,006	0,045	FALSE
0,083	0,309	0,003	0,010	0,139	FALSE
0,016	0,303	0,000	0,010	0,012	FALSE
-0,173	0,308	-0,008	0,013	0,282	FALSE
-0,216	0,308	-0,007	0,010	0,318	FALSE
0,042	0,297	0,001	0,007	0,028	FALSE
0,017	0,321	0,000	0,008	0,019	FALSE
0,088	0,296	0,002	0,006	0,090	FALSE
0,011	0,313	0,000	0,006	0,001	FALSE
-0,130	0,310	-0,003	0,007	0,146	FALSE
0,079	0,307	0,002	0,010	0,089	FALSE
-0,064	0,304	-0,002	0,008	0,071	FALSE
-0,070	0,312	-0,002	0,008	0,078	FALSE
-0,007	0,308	0,000	0,013	0,008	FALSE
0,146	0,309	0,003	0,007	0,190	FALSE
0,036	0,286	0,002	0,010	0,070	FALSE
-0,064	0,295	-0,002	0,006	0,114	FALSE
-0,022	0,288	0,000	0,008	0,016	FALSE
0,094	0,306	0,002	0,007	0,105	FALSE
-0,027	0,309	-0,001	0,008	0,036	FALSE
0,019	0,305	0,001	0,009	0,034	FALSE
-0,002	0,309	0,000	0,008	0,002	FALSE
0,051	0,302	0,001	0,011	0,045	FALSE
0,003	0,307	0,000	0,011	0,005	FALSE
-0,011	0,304	0,000	0,008	0,020	FALSE
-0,065	0,297	-0,002	0,008	0,094	FALSE
0,030	0,301	0,001	0,008	0,065	FALSE
0,010	0,299	0,001	0,007	0,033	FALSE
0,056	0,299	0,002	0,010	0,093	FALSE
0,013	0,298	0,000	0,007	0,026	FALSE
0,051	0,307	0,002	0,012	0,062	FALSE
-0,056	0,302	-0,002	0,009	0,060	FALSE
-0,030	0,295	-0,001	0,008	0,049	FALSE
-0,029	0,298	-0,001	0,009	0,045	FALSE
0,041	0,305	0,000	0,010	0,013	FALSE
-0,023	0,297	0,000	0,007	0,024	FALSE
-0,116	0,309	-0,004	0,012	0,148	FALSE
-0,151	0,301	-0,005	0,009	0,229	FALSE
-0,039	0,316	-0,001	0,013	0,024	FALSE

-0,018	0,296	0,000	0,010	0,005	FALSE
0,002	0,312	0,000	0,007	0,008	FALSE
-0,009	0,331	-0,001	0,010	0,036	FALSE
-0,004	0,295	0,000	0,007	0,012	FALSE
-0,013	0,313	0,000	0,006	0,016	FALSE
-0,008	0,291	0,000	0,008	0,001	FALSE
-0,068	0,317	-0,001	0,007	0,079	FALSE
-0,029	0,303	0,000	0,008	0,011	FALSE
0,027	0,312	0,001	0,010	0,043	FALSE
0,010	0,307	0,000	0,008	0,000	FALSE
-0,113	0,321	-0,003	0,009	0,134	FALSE
-0,042	0,301	-0,001	0,008	0,060	FALSE
-0,036	0,313	-0,001	0,006	0,077	FALSE
0,003	0,316	0,001	0,007	0,042	FALSE
0,020	0,304	0,000	0,007	0,018	FALSE
-0,167	0,293	-0,006	0,012	0,208	FALSE
-0,015	0,315	0,000	0,012	0,003	FALSE
0,133	0,303	0,004	0,010	0,173	FALSE
-0,133	0,305	-0,004	0,009	0,183	FALSE
0,083	0,304	0,003	0,011	0,112	FALSE
0,083	0,294	0,005	0,012	0,163	FALSE
0,063	0,292	0,002	0,010	0,065	FALSE
0,112	0,306	0,003	0,007	0,153	FALSE
0,101	0,300	0,003	0,007	0,149	FALSE
-0,097	0,303	-0,002	0,006	0,118	FALSE
0,105	0,303	0,002	0,006	0,149	FALSE
-0,042	0,311	-0,002	0,011	0,062	FALSE
0,009	0,308	0,001	0,011	0,019	FALSE
-0,046	0,311	-0,002	0,011	0,083	FALSE
0,018	0,318	0,000	0,006	0,015	FALSE
0,056	0,319	0,002	0,012	0,074	FALSE
-0,077	0,313	-0,004	0,013	0,111	FALSE
-0,172	0,296	-0,006	0,010	0,255	FALSE
-0,165	0,300	-0,006	0,011	0,233	FALSE
-0,026	0,309	-0,001	0,007	0,044	FALSE
0,101	0,295	0,003	0,008	0,116	FALSE
-0,087	0,308	-0,002	0,009	0,077	FALSE
0,025	0,292	0,001	0,007	0,065	FALSE
0,092	0,291	0,005	0,013	0,144	FALSE
0,040	0,315	0,001	0,010	0,040	FALSE
-0,078	0,307	-0,002	0,008	0,099	FALSE
0,047	0,306	0,003	0,012	0,091	FALSE
-0,072	0,308	-0,001	0,006	0,075	FALSE
0,067	0,315	0,002	0,008	0,092	FALSE
0,047	0,306	0,001	0,013	0,021	FALSE
0,042	0,301	0,001	0,009	0,028	FALSE
-0,074	0,305	-0,002	0,007	0,091	FALSE
0,016	0,311	0,000	0,007	0,006	FALSE
0,024	0,306	0,002	0,013	0,059	FALSE
0,062	0,305	0,001	0,007	0,066	FALSE
0,025	0,302	0,001	0,010	0,038	FALSE
-0,018	0,322	0,000	0,008	0,022	FALSE
0,048	0,281	0,002	0,010	0,066	FALSE

0,023	0,313	0,000	0,007	0,015	FALSE
-0,003	0,305	0,000	0,009	0,002	FALSE
0,059	0,292	0,001	0,008	0,069	FALSE
-0,003	0,286	0,000	0,006	0,008	FALSE
0,007	0,295	0,000	0,007	0,006	FALSE
0,178	0,300	0,004	0,007	0,272	FALSE
-0,034	0,308	0,000	0,006	0,020	FALSE
-0,033	0,316	0,000	0,007	0,017	FALSE
-0,014	0,307	-0,001	0,011	0,022	FALSE
-0,065	0,298	-0,003	0,011	0,086	FALSE
0,009	0,311	0,000	0,011	0,000	FALSE
0,001	0,302	0,000	0,009	0,007	FALSE
-0,014	0,305	0,000	0,011	0,011	FALSE
-0,037	0,297	-0,001	0,010	0,026	FALSE
-0,010	0,305	0,000	0,013	0,002	FALSE
-0,066	0,311	-0,004	0,013	0,105	FALSE
-0,048	0,304	-0,001	0,006	0,069	FALSE
0,060	0,318	0,001	0,007	0,073	FALSE
-0,116	0,289	-0,003	0,008	0,158	FALSE
-0,015	0,307	0,000	0,007	0,010	FALSE
-0,101	0,303	-0,004	0,010	0,138	FALSE
0,102	0,325	0,004	0,013	0,115	FALSE
-0,058	0,302	-0,001	0,012	0,041	FALSE
0,061	0,299	0,001	0,007	0,061	FALSE
-0,058	0,303	-0,001	0,006	0,066	FALSE
-0,135	0,303	-0,005	0,013	0,147	FALSE
-0,096	0,312	-0,003	0,009	0,109	FALSE
-0,078	0,309	-0,002	0,009	0,092	FALSE
-0,014	0,312	-0,001	0,011	0,021	FALSE
-0,028	0,310	0,000	0,006	0,018	FALSE
0,044	0,306	0,002	0,012	0,063	FALSE
0,026	0,303	0,000	0,008	0,017	FALSE
-0,054	0,312	-0,002	0,013	0,058	FALSE
-0,104	0,290	-0,003	0,008	0,145	FALSE
-0,001	0,300	0,001	0,010	0,047	FALSE
0,024	0,304	0,001	0,012	0,026	FALSE
0,024	0,293	0,001	0,012	0,024	FALSE
-0,080	0,301	-0,002	0,010	0,095	FALSE
0,012	0,322	0,001	0,011	0,033	FALSE
0,012	0,318	0,000	0,007	0,020	FALSE
0,005	0,297	0,001	0,012	0,015	FALSE
0,121	0,302	0,003	0,010	0,124	FALSE
-0,001	0,326	0,000	0,009	0,011	FALSE
-0,051	0,318	-0,002	0,013	0,062	FALSE
-0,050	0,307	-0,001	0,006	0,066	FALSE
-0,003	0,307	0,000	0,009	0,001	FALSE
0,052	0,308	0,002	0,009	0,099	FALSE
0,024	0,299	0,000	0,013	0,010	FALSE
-0,027	0,311	-0,002	0,012	0,045	FALSE
0,049	0,290	0,002	0,007	0,116	FALSE
0,130	0,313	0,003	0,009	0,164	FALSE
0,104	0,305	0,005	0,013	0,165	FALSE
-0,102	0,308	-0,003	0,008	0,126	FALSE

0,015	0,316	0,000	0,011	0,008	FALSE
0,001	0,312	0,000	0,013	0,002	FALSE
-0,064	0,302	-0,002	0,007	0,085	FALSE
-0,064	0,320	-0,002	0,008	0,081	FALSE
-0,026	0,313	-0,001	0,007	0,042	FALSE
-0,043	0,298	-0,001	0,007	0,051	FALSE
-0,056	0,315	-0,002	0,008	0,076	FALSE
0,000	0,308	0,000	0,008	0,014	FALSE
0,014	0,306	0,000	0,008	0,005	FALSE
0,133	0,313	0,004	0,011	0,165	FALSE
0,012	0,289	0,000	0,012	0,013	FALSE
0,044	0,315	0,002	0,008	0,078	FALSE
0,035	0,303	0,001	0,009	0,051	FALSE
0,100	0,321	0,003	0,010	0,134	FALSE
0,101	0,289	0,004	0,012	0,119	FALSE
-0,021	0,297	0,000	0,006	0,003	FALSE
0,025	0,299	0,001	0,008	0,031	FALSE
0,095	0,299	0,004	0,012	0,140	FALSE
0,055	0,302	0,002	0,007	0,093	FALSE
0,042	0,324	0,002	0,013	0,048	FALSE
0,045	0,305	0,001	0,013	0,033	FALSE
0,116	0,306	0,003	0,009	0,160	FALSE
0,054	0,303	0,001	0,006	0,074	FALSE
0,142	0,298	0,005	0,011	0,193	FALSE
0,146	0,290	0,006	0,012	0,206	FALSE
0,028	0,302	0,000	0,007	0,021	FALSE
0,041	0,310	0,000	0,007	0,025	FALSE
0,045	0,316	0,001	0,007	0,040	FALSE
0,035	0,309	0,001	0,007	0,061	FALSE
0,134	0,308	0,005	0,011	0,209	FALSE
0,108	0,302	0,005	0,011	0,187	FALSE
0,132	0,303	0,005	0,011	0,210	FALSE
0,133	0,303	0,005	0,013	0,150	FALSE
-0,066	0,311	-0,002	0,012	0,050	FALSE
-0,108	0,293	-0,003	0,008	0,145	FALSE
-0,021	0,315	-0,001	0,007	0,056	FALSE
-0,154	0,305	-0,007	0,013	0,235	FALSE
0,003	0,315	0,000	0,011	0,004	FALSE
0,000	0,310	0,000	0,008	0,013	FALSE
-0,139	0,297	-0,006	0,012	0,215	FALSE
-0,041	0,303	-0,001	0,009	0,040	FALSE
-0,058	0,304	-0,001	0,006	0,066	FALSE
-0,038	0,300	-0,001	0,013	0,027	FALSE
-0,071	0,306	-0,001	0,006	0,060	FALSE
0,141	0,304	0,003	0,007	0,195	FALSE
-0,122	0,297	-0,005	0,012	0,155	FALSE
0,045	0,310	0,001	0,011	0,049	FALSE
0,057	0,313	0,002	0,010	0,059	FALSE
-0,065	0,296	-0,002	0,011	0,076	FALSE
-0,051	0,296	-0,001	0,009	0,051	FALSE
0,090	0,302	0,002	0,007	0,105	FALSE
-0,061	0,315	-0,002	0,009	0,073	FALSE
-0,025	0,311	-0,001	0,007	0,035	FALSE

0,077	0,307	0,003	0,008	0,137	FALSE
0,096	0,304	0,005	0,012	0,157	FALSE
0,066	0,314	0,002	0,008	0,098	FALSE
0,034	0,305	0,001	0,009	0,041	FALSE
0,008	0,302	0,000	0,013	0,013	FALSE
-0,029	0,302	0,000	0,008	0,016	FALSE
0,111	0,303	0,004	0,011	0,143	FALSE
0,162	0,301	0,005	0,010	0,210	FALSE
-0,046	0,315	-0,001	0,013	0,035	FALSE
-0,061	0,313	-0,002	0,009	0,075	FALSE
0,050	0,314	0,002	0,011	0,075	FALSE
0,067	0,291	0,001	0,010	0,051	FALSE
-0,004	0,307	0,000	0,011	0,008	FALSE
-0,022	0,310	-0,001	0,013	0,024	FALSE
-0,031	0,301	-0,001	0,012	0,033	FALSE
-0,008	0,315	0,000	0,007	0,013	FALSE
-0,021	0,293	-0,001	0,012	0,018	FALSE
-0,042	0,295	-0,001	0,006	0,037	FALSE
0,055	0,322	0,003	0,011	0,084	FALSE
-0,080	0,302	-0,004	0,010	0,137	FALSE
-0,086	0,299	-0,003	0,010	0,136	FALSE
0,082	0,304	0,002	0,007	0,098	FALSE
-0,039	0,305	-0,001	0,007	0,046	FALSE
0,190	0,313	0,004	0,007	0,263	FALSE
-0,063	0,303	-0,002	0,007	0,097	FALSE
-0,030	0,314	-0,001	0,008	0,025	FALSE
-0,044	0,289	-0,002	0,007	0,085	FALSE
0,019	0,310	0,001	0,008	0,034	FALSE
-0,176	0,307	-0,004	0,008	0,222	FALSE
0,000	0,325	0,000	0,011	0,003	FALSE
0,124	0,305	0,004	0,010	0,159	FALSE
-0,137	0,302	-0,005	0,012	0,187	FALSE
-0,037	0,300	0,000	0,007	0,018	FALSE
-0,025	0,296	-0,001	0,007	0,064	FALSE
-0,096	0,307	-0,003	0,008	0,137	FALSE
-0,001	0,318	0,000	0,010	0,000	FALSE
-0,076	0,300	-0,002	0,007	0,117	FALSE
-0,069	0,313	-0,003	0,011	0,092	FALSE
0,015	0,305	0,000	0,008	0,004	FALSE
0,132	0,304	0,003	0,007	0,177	FALSE
0,054	0,324	0,003	0,013	0,094	FALSE
0,016	0,317	0,000	0,011	0,010	FALSE
-0,035	0,313	-0,001	0,013	0,036	FALSE
0,009	0,313	0,000	0,008	0,003	FALSE
-0,189	0,310	-0,004	0,007	0,280	FALSE
0,081	0,305	0,002	0,009	0,088	FALSE
0,031	0,294	0,002	0,007	0,098	FALSE
-0,032	0,321	-0,001	0,013	0,038	FALSE
-0,142	0,300	-0,004	0,009	0,179	FALSE
0,049	0,309	0,001	0,007	0,039	FALSE
-0,101	0,308	-0,002	0,007	0,125	FALSE
0,010	0,324	0,000	0,011	0,006	FALSE
-0,012	0,295	0,000	0,007	0,011	FALSE

0,069	0,309	0,002	0,009	0,072	FALSE
-0,098	0,309	-0,002	0,007	0,122	FALSE
0,116	0,316	0,003	0,007	0,162	FALSE
-0,096	0,297	-0,004	0,012	0,125	FALSE
0,105	0,298	0,003	0,008	0,154	FALSE
0,074	0,308	0,003	0,011	0,099	FALSE
-0,067	0,311	-0,001	0,007	0,077	FALSE
0,003	0,301	0,000	0,007	0,002	FALSE
-0,013	0,321	0,000	0,013	0,001	FALSE
-0,040	0,313	-0,002	0,009	0,068	FALSE
-0,010	0,313	-0,001	0,013	0,024	FALSE
0,007	0,301	0,000	0,008	0,005	FALSE
-0,018	0,326	-0,001	0,009	0,030	FALSE
0,007	0,314	0,000	0,009	0,010	FALSE
-0,038	0,302	-0,001	0,007	0,030	FALSE
-0,066	0,326	-0,003	0,010	0,096	FALSE
-0,040	0,318	-0,002	0,011	0,066	FALSE
0,016	0,310	0,000	0,006	0,002	FALSE
0,012	0,324	0,000	0,007	0,018	FALSE
-0,024	0,313	-0,001	0,009	0,037	FALSE
0,054	0,295	0,003	0,012	0,102	FALSE
0,120	0,307	0,003	0,006	0,176	FALSE
-0,091	0,314	-0,004	0,010	0,147	FALSE
0,097	0,307	0,003	0,010	0,124	FALSE
0,029	0,308	0,001	0,008	0,025	FALSE
0,051	0,316	0,002	0,008	0,092	FALSE
0,144	0,314	0,004	0,007	0,219	FALSE
0,015	0,311	0,001	0,009	0,026	FALSE
0,039	0,306	0,001	0,013	0,028	FALSE
-0,118	0,303	-0,005	0,010	0,194	FALSE
-0,028	0,316	-0,001	0,013	0,029	FALSE
0,013	0,291	0,001	0,010	0,043	FALSE
0,023	0,314	0,001	0,011	0,030	FALSE
0,001	0,310	0,000	0,012	0,009	FALSE
-0,110	0,306	-0,003	0,011	0,120	FALSE
-0,032	0,314	-0,001	0,009	0,039	FALSE
-0,092	0,302	-0,004	0,010	0,143	FALSE
0,005	0,313	0,000	0,012	0,008	FALSE
0,011	0,316	0,000	0,012	0,007	FALSE
-0,030	0,310	-0,001	0,011	0,040	FALSE
0,121	0,317	0,004	0,010	0,149	FALSE
0,063	0,315	0,002	0,009	0,067	FALSE
-0,064	0,304	-0,002	0,007	0,080	FALSE
-0,119	0,299	-0,002	0,006	0,136	FALSE
0,033	0,308	0,001	0,008	0,036	FALSE
0,083	0,311	0,002	0,011	0,084	FALSE
0,095	0,314	0,002	0,007	0,109	FALSE
-0,014	0,307	0,000	0,011	0,007	FALSE
-0,112	0,307	-0,005	0,011	0,191	FALSE
-0,132	0,311	-0,005	0,010	0,203	FALSE
-0,066	0,310	-0,001	0,007	0,060	FALSE
-0,088	0,309	-0,002	0,008	0,090	FALSE
0,083	0,298	0,004	0,012	0,122	FALSE

-0,008	0,307	0,000	0,008	0,012	FALSE
-0,162	0,299	-0,003	0,006	0,225	FALSE
-0,055	0,310	-0,002	0,009	0,075	FALSE
-0,140	0,297	-0,005	0,010	0,209	FALSE
-0,011	0,308	0,000	0,007	0,010	FALSE
0,029	0,307	0,001	0,006	0,029	FALSE
-0,017	0,323	0,000	0,011	0,015	FALSE
-0,025	0,306	-0,001	0,008	0,051	FALSE
-0,053	0,312	-0,002	0,010	0,068	FALSE
-0,099	0,307	-0,005	0,013	0,149	FALSE
-0,083	0,296	-0,002	0,009	0,091	FALSE
0,083	0,291	0,003	0,010	0,136	FALSE
-0,037	0,295	-0,001	0,009	0,044	FALSE
-0,091	0,316	-0,003	0,009	0,107	FALSE
-0,102	0,300	-0,004	0,012	0,124	FALSE
0,013	0,316	0,000	0,007	0,008	FALSE
0,134	0,308	0,003	0,007	0,172	FALSE
-0,053	0,301	-0,001	0,007	0,054	FALSE
-0,158	0,307	-0,004	0,008	0,221	FALSE
0,007	0,313	0,001	0,012	0,019	FALSE
0,016	0,319	0,000	0,011	0,001	FALSE
0,059	0,330	0,002	0,012	0,064	FALSE
-0,062	0,295	-0,002	0,011	0,086	FALSE
-0,017	0,308	-0,001	0,011	0,035	FALSE
-0,009	0,303	0,000	0,008	0,005	FALSE
-0,014	0,310	0,000	0,008	0,010	FALSE
0,119	0,306	0,005	0,012	0,166	FALSE
0,069	0,301	0,003	0,012	0,104	FALSE
0,121	0,301	0,005	0,011	0,182	FALSE
0,119	0,306	0,005	0,012	0,161	FALSE
-0,056	0,317	-0,002	0,009	0,078	FALSE
0,025	0,320	0,001	0,012	0,021	FALSE
0,045	0,310	0,002	0,012	0,054	FALSE
-0,001	0,311	-0,001	0,010	0,020	FALSE
0,085	0,305	0,003	0,009	0,101	FALSE
0,035	0,294	0,002	0,013	0,066	FALSE
-0,018	0,302	-0,001	0,011	0,017	FALSE
0,030	0,311	0,000	0,007	0,004	FALSE
-0,126	0,297	-0,005	0,012	0,180	FALSE
-0,048	0,302	-0,001	0,009	0,039	FALSE
-0,020	0,310	-0,002	0,013	0,050	FALSE
-0,015	0,284	-0,001	0,010	0,019	FALSE
0,056	0,305	0,002	0,009	0,101	FALSE
-0,043	0,306	-0,002	0,012	0,060	FALSE
-0,025	0,302	-0,001	0,012	0,038	FALSE
0,042	0,310	0,001	0,006	0,042	FALSE
0,059	0,307	0,002	0,009	0,096	FALSE
-0,026	0,308	-0,001	0,012	0,028	FALSE
0,083	0,309	0,003	0,009	0,116	FALSE
0,056	0,313	0,002	0,013	0,072	FALSE
-0,018	0,302	0,000	0,007	0,002	FALSE
0,086	0,311	0,003	0,009	0,113	FALSE
-0,039	0,299	-0,001	0,007	0,045	FALSE

-0,073	0,311	-0,002	0,006	0,110	FALSE
-0,025	0,317	0,000	0,007	0,024	FALSE
0,040	0,304	0,001	0,007	0,028	FALSE
0,117	0,290	0,004	0,009	0,189	FALSE
-0,087	0,297	-0,002	0,008	0,118	FALSE
-0,068	0,300	-0,002	0,010	0,096	FALSE
0,121	0,311	0,003	0,007	0,171	FALSE
-0,197	0,299	-0,006	0,009	0,308	FALSE
-0,107	0,319	-0,004	0,010	0,175	FALSE
0,004	0,311	0,000	0,013	0,006	FALSE
-0,006	0,305	0,000	0,011	0,009	FALSE
0,051	0,309	0,003	0,009	0,105	FALSE
0,106	0,314	0,004	0,012	0,156	FALSE
0,049	0,308	0,002	0,008	0,074	FALSE
0,021	0,301	0,001	0,010	0,026	FALSE
-0,005	0,316	0,000	0,007	0,006	FALSE
-0,014	0,310	-0,001	0,007	0,029	FALSE
0,055	0,306	0,003	0,013	0,079	FALSE
-0,105	0,301	-0,002	0,007	0,126	FALSE
-0,110	0,306	-0,003	0,007	0,141	FALSE
-0,114	0,307	-0,003	0,008	0,149	FALSE
-0,100	0,309	-0,002	0,007	0,112	FALSE
0,112	0,293	0,003	0,007	0,159	FALSE
0,089	0,278	0,004	0,012	0,114	FALSE
0,046	0,325	0,002	0,013	0,061	FALSE
-0,010	0,306	0,000	0,012	0,001	FALSE
-0,048	0,315	-0,002	0,013	0,055	FALSE
-0,050	0,313	-0,002	0,011	0,080	FALSE
-0,038	0,310	-0,002	0,013	0,063	FALSE
-0,006	0,305	-0,001	0,009	0,024	FALSE
-0,042	0,323	-0,001	0,010	0,037	FALSE
0,172	0,313	0,007	0,011	0,266	FALSE
0,189	0,291	0,006	0,009	0,310	FALSE
0,216	0,292	0,007	0,010	0,361	FALSE
0,102	0,296	0,002	0,006	0,093	FALSE
-0,027	0,302	-0,001	0,010	0,033	FALSE
-0,050	0,299	-0,002	0,010	0,061	FALSE
-0,075	0,301	-0,002	0,008	0,128	FALSE
-0,102	0,309	-0,003	0,009	0,139	FALSE
-0,052	0,287	-0,001	0,010	0,023	FALSE
-0,093	0,322	-0,003	0,009	0,126	FALSE
-0,036	0,301	-0,001	0,007	0,047	FALSE
0,037	0,306	0,001	0,011	0,043	FALSE
-0,089	0,316	-0,003	0,013	0,103	FALSE
-0,070	0,292	-0,002	0,007	0,127	FALSE
-0,046	0,298	-0,002	0,009	0,062	FALSE
-0,079	0,302	-0,003	0,012	0,111	FALSE
0,003	0,324	0,000	0,014	0,012	FALSE
0,025	0,312	0,000	0,006	0,002	FALSE
-0,064	0,287	-0,002	0,010	0,057	FALSE
-0,079	0,313	-0,001	0,008	0,067	FALSE
0,074	0,297	0,002	0,008	0,078	FALSE
0,000	0,281	-0,001	0,011	0,028	FALSE

0,038	0,297	0,002	0,010	0,063	FALSE
0,075	0,309	0,002	0,012	0,071	FALSE
-0,068	0,301	-0,001	0,006	0,073	FALSE
0,154	0,290	0,004	0,008	0,214	FALSE
0,168	0,295	0,004	0,007	0,202	FALSE
-0,133	0,313	-0,004	0,009	0,188	FALSE
-0,145	0,304	-0,004	0,008	0,199	FALSE
0,015	0,297	-0,001	0,013	0,021	FALSE
-0,068	0,311	-0,004	0,013	0,116	FALSE
0,051	0,298	0,002	0,010	0,064	FALSE
0,191	0,281	0,007	0,012	0,265	FALSE
-0,109	0,299	-0,004	0,012	0,153	FALSE
-0,037	0,313	-0,001	0,009	0,059	FALSE
0,014	0,320	0,000	0,010	0,017	FALSE
-0,124	0,328	-0,003	0,008	0,182	FALSE
-0,001	0,301	0,000	0,006	0,008	FALSE
0,072	0,308	0,002	0,012	0,074	FALSE
0,099	0,299	0,004	0,012	0,115	FALSE
-0,059	0,299	-0,003	0,009	0,107	FALSE
-0,019	0,306	0,000	0,009	0,014	FALSE
0,034	0,308	0,002	0,012	0,056	FALSE
0,043	0,307	0,002	0,012	0,073	FALSE
-0,001	0,305	0,000	0,009	0,007	FALSE
0,024	0,299	0,000	0,009	0,009	FALSE
0,143	0,307	0,004	0,007	0,208	FALSE
0,073	0,321	0,003	0,013	0,078	FALSE
0,041	0,311	0,001	0,012	0,020	FALSE
-0,050	0,310	-0,003	0,011	0,085	FALSE
0,080	0,305	0,003	0,011	0,118	FALSE
0,108	0,314	0,004	0,011	0,151	FALSE
0,020	0,315	0,000	0,009	0,007	FALSE
0,068	0,303	0,002	0,007	0,091	FALSE
0,046	0,308	0,002	0,008	0,083	FALSE
-0,130	0,304	-0,003	0,007	0,203	FALSE
-0,045	0,310	-0,001	0,007	0,058	FALSE
0,030	0,313	0,001	0,011	0,025	FALSE
-0,059	0,312	-0,001	0,009	0,058	FALSE
0,044	0,314	0,002	0,013	0,053	FALSE
0,015	0,307	0,000	0,006	0,023	FALSE
0,029	0,305	0,002	0,012	0,047	FALSE
0,100	0,301	0,003	0,007	0,147	FALSE
-0,116	0,311	-0,004	0,011	0,157	FALSE
-0,069	0,303	-0,001	0,007	0,063	FALSE
0,037	0,307	0,002	0,011	0,076	FALSE
-0,074	0,299	-0,002	0,009	0,072	FALSE
0,039	0,300	0,001	0,008	0,039	FALSE
0,004	0,303	0,000	0,008	0,008	FALSE
0,043	0,312	0,002	0,009	0,068	FALSE
0,051	0,322	0,002	0,011	0,084	FALSE
0,019	0,317	0,000	0,008	0,018	FALSE
0,060	0,305	0,002	0,013	0,069	FALSE
-0,065	0,311	-0,002	0,010	0,092	FALSE
-0,062	0,298	-0,002	0,010	0,089	FALSE

-0,096	0,302	-0,002	0,006	0,100	FALSE
0,101	0,298	0,004	0,013	0,129	FALSE
0,221	0,294	0,009	0,011	0,354	FALSE
-0,058	0,291	-0,001	0,008	0,052	FALSE
0,032	0,289	0,001	0,009	0,049	FALSE
-0,016	0,286	-0,001	0,010	0,020	FALSE
0,030	0,297	0,001	0,009	0,054	FALSE
-0,016	0,299	-0,001	0,010	0,024	FALSE
0,038	0,302	0,002	0,012	0,045	FALSE
0,088	0,287	0,003	0,008	0,142	FALSE
-0,113	0,310	-0,003	0,007	0,159	FALSE
-0,052	0,295	-0,002	0,012	0,075	FALSE
0,077	0,305	0,002	0,007	0,093	FALSE
-0,076	0,302	-0,001	0,006	0,084	FALSE
0,096	0,325	0,003	0,008	0,128	FALSE
-0,071	0,305	-0,001	0,007	0,047	FALSE
0,117	0,305	0,004	0,009	0,156	FALSE
-0,016	0,314	0,000	0,007	0,006	FALSE
-0,026	0,297	-0,001	0,006	0,042	FALSE
0,124	0,297	0,002	0,006	0,155	FALSE
0,028	0,301	0,002	0,013	0,071	FALSE
-0,122	0,300	-0,005	0,011	0,201	FALSE
0,132	0,291	0,005	0,010	0,203	FALSE
-0,105	0,294	-0,005	0,011	0,175	FALSE
0,072	0,322	0,002	0,008	0,105	FALSE
0,045	0,301	0,001	0,013	0,028	FALSE
-0,039	0,305	-0,003	0,013	0,079	FALSE
-0,101	0,304	-0,003	0,009	0,114	FALSE
-0,052	0,323	-0,001	0,010	0,052	FALSE
0,058	0,318	0,002	0,013	0,069	FALSE
0,041	0,305	0,000	0,008	0,021	FALSE
-0,063	0,285	-0,001	0,006	0,085	FALSE
-0,001	0,318	0,000	0,007	0,009	FALSE
0,063	0,317	0,002	0,007	0,088	FALSE
-0,017	0,325	-0,001	0,013	0,015	FALSE
0,052	0,309	0,001	0,007	0,056	FALSE
-0,082	0,319	-0,002	0,008	0,108	FALSE
-0,062	0,308	-0,003	0,012	0,085	FALSE
0,051	0,310	0,001	0,007	0,049	FALSE
0,086	0,306	0,003	0,009	0,135	FALSE
-0,034	0,300	-0,001	0,007	0,028	FALSE
0,025	0,292	0,001	0,009	0,020	FALSE
-0,004	0,311	-0,001	0,012	0,024	FALSE
-0,028	0,317	-0,002	0,013	0,055	FALSE
-0,010	0,304	0,000	0,006	0,001	FALSE
0,024	0,322	0,000	0,013	0,002	FALSE
-0,034	0,314	-0,001	0,008	0,034	FALSE
0,029	0,296	0,001	0,009	0,056	FALSE
-0,023	0,304	0,000	0,007	0,011	FALSE
-0,077	0,310	-0,002	0,008	0,091	FALSE
-0,038	0,300	-0,002	0,012	0,075	FALSE
0,042	0,312	0,001	0,007	0,052	FALSE
0,027	0,291	0,001	0,011	0,032	FALSE

-0,033	0,316	-0,001	0,009	0,050	FALSE
0,053	0,312	0,001	0,008	0,056	FALSE
-0,017	0,321	-0,001	0,013	0,014	FALSE
0,024	0,312	0,001	0,012	0,017	FALSE
-0,001	0,301	0,001	0,012	0,018	FALSE
-0,020	0,301	-0,001	0,011	0,021	FALSE
0,082	0,303	0,002	0,010	0,091	FALSE
0,169	0,297	0,005	0,010	0,220	FALSE
0,049	0,308	0,003	0,013	0,089	FALSE
-0,079	0,315	-0,002	0,008	0,076	FALSE
-0,113	0,299	-0,003	0,008	0,142	FALSE
0,074	0,315	0,003	0,013	0,104	FALSE
-0,037	0,314	0,000	0,008	0,013	FALSE
-0,208	0,312	-0,004	0,007	0,297	FALSE
-0,135	0,297	-0,004	0,009	0,158	FALSE
-0,185	0,311	-0,004	0,006	0,271	FALSE
-0,162	0,308	-0,005	0,009	0,206	FALSE
0,009	0,317	0,000	0,008	0,012	FALSE
0,047	0,309	0,001	0,010	0,049	FALSE
-0,143	0,312	-0,004	0,009	0,155	FALSE
-0,080	0,317	-0,004	0,013	0,114	FALSE
0,094	0,302	0,005	0,013	0,149	FALSE
-0,090	0,287	-0,004	0,012	0,139	FALSE
0,054	0,323	0,002	0,012	0,062	FALSE
0,030	0,309	0,001	0,011	0,033	FALSE
0,029	0,310	0,001	0,012	0,019	FALSE
-0,104	0,305	-0,003	0,009	0,126	FALSE
0,052	0,300	0,001	0,007	0,046	FALSE
-0,099	0,294	-0,004	0,012	0,112	FALSE
0,026	0,306	0,001	0,006	0,034	FALSE
-0,046	0,325	-0,001	0,012	0,046	FALSE
0,023	0,295	0,000	0,007	0,001	FALSE
0,031	0,317	0,001	0,007	0,047	FALSE
0,001	0,308	0,000	0,010	0,014	FALSE
0,015	0,315	0,001	0,007	0,039	FALSE
0,103	0,283	0,003	0,008	0,161	FALSE
0,107	0,300	0,002	0,006	0,105	FALSE
-0,034	0,301	-0,001	0,007	0,042	FALSE
0,033	0,298	0,002	0,013	0,066	FALSE
0,071	0,302	0,003	0,008	0,117	FALSE
0,065	0,305	0,002	0,007	0,091	FALSE
0,035	0,311	0,001	0,007	0,041	FALSE
-0,220	0,300	-0,005	0,008	0,315	FALSE
-0,155	0,298	-0,005	0,012	0,152	FALSE
0,022	0,310	0,000	0,007	0,016	FALSE
0,092	0,301	0,004	0,012	0,115	FALSE
0,006	0,289	0,001	0,013	0,032	FALSE
0,097	0,301	0,004	0,011	0,145	FALSE
0,059	0,311	0,002	0,008	0,087	FALSE
-0,005	0,309	0,001	0,008	0,023	FALSE
-0,015	0,309	0,000	0,008	0,021	FALSE
0,050	0,325	0,002	0,011	0,058	FALSE
0,152	0,305	0,006	0,013	0,194	FALSE

0,073	0,302	0,003	0,012	0,085	FALSE
-0,028	0,310	0,000	0,007	0,024	FALSE
0,037	0,312	0,001	0,008	0,039	FALSE
-0,084	0,313	-0,002	0,007	0,096	FALSE
0,028	0,321	0,001	0,011	0,031	FALSE
0,008	0,304	0,000	0,007	0,013	FALSE
-0,005	0,317	0,000	0,012	0,014	FALSE
-0,063	0,296	-0,002	0,013	0,064	FALSE
-0,068	0,305	-0,002	0,008	0,106	FALSE
0,032	0,302	0,002	0,012	0,067	FALSE
-0,021	0,304	-0,002	0,013	0,053	FALSE
-0,022	0,314	-0,001	0,007	0,040	FALSE
0,100	0,305	0,004	0,011	0,133	FALSE
0,078	0,305	0,002	0,010	0,091	FALSE
0,106	0,316	0,003	0,010	0,134	FALSE
-0,101	0,292	-0,003	0,009	0,130	FALSE
-0,189	0,300	-0,009	0,012	0,314	FALSE
-0,095	0,301	-0,004	0,011	0,150	FALSE
0,094	0,301	0,002	0,009	0,085	FALSE
0,026	0,316	0,002	0,010	0,058	FALSE
0,092	0,306	0,002	0,008	0,126	FALSE
0,035	0,291	0,002	0,012	0,060	FALSE
0,035	0,316	0,001	0,012	0,044	FALSE
-0,021	0,322	-0,001	0,011	0,026	FALSE
-0,054	0,308	-0,001	0,007	0,051	FALSE
0,020	0,302	0,002	0,012	0,045	FALSE
-0,033	0,318	-0,001	0,011	0,032	FALSE
0,113	0,301	0,003	0,009	0,146	FALSE
-0,032	0,301	-0,001	0,007	0,028	FALSE
-0,048	0,304	-0,002	0,007	0,094	FALSE
0,011	0,304	0,000	0,009	0,001	FALSE
-0,115	0,307	-0,005	0,013	0,174	FALSE
0,024	0,309	0,001	0,012	0,033	FALSE
-0,019	0,311	0,000	0,011	0,002	FALSE
-0,068	0,304	-0,002	0,010	0,065	FALSE
0,054	0,301	0,001	0,012	0,032	FALSE
-0,015	0,317	0,000	0,010	0,007	FALSE
-0,077	0,301	-0,002	0,009	0,077	FALSE
-0,058	0,312	-0,001	0,009	0,064	FALSE
-0,006	0,300	-0,001	0,007	0,036	FALSE
-0,013	0,321	-0,001	0,010	0,021	FALSE
0,122	0,307	0,004	0,011	0,148	FALSE
0,073	0,302	0,001	0,006	0,079	FALSE
0,060	0,312	0,002	0,013	0,072	FALSE
-0,119	0,307	-0,003	0,009	0,145	FALSE
-0,026	0,309	-0,001	0,009	0,047	FALSE
0,006	0,313	0,000	0,007	0,002	FALSE
0,111	0,305	0,003	0,007	0,192	FALSE
-0,025	0,301	-0,002	0,011	0,055	FALSE
0,055	0,302	0,001	0,008	0,060	FALSE
0,041	0,300	0,001	0,007	0,057	FALSE
0,030	0,314	0,001	0,013	0,022	FALSE
0,031	0,302	0,000	0,012	0,009	FALSE

0,155	0,292	0,004	0,008	0,210	FALSE
-0,077	0,294	-0,003	0,013	0,094	FALSE
-0,109	0,308	-0,003	0,008	0,146	FALSE
-0,089	0,303	-0,002	0,008	0,111	FALSE
0,099	0,309	0,003	0,010	0,133	FALSE
-0,147	0,320	-0,006	0,012	0,196	FALSE
0,031	0,305	0,000	0,012	0,011	FALSE
-0,043	0,299	-0,001	0,009	0,052	FALSE
-0,053	0,308	-0,002	0,010	0,081	FALSE
-0,004	0,302	0,000	0,011	0,015	FALSE
0,041	0,314	0,001	0,011	0,042	FALSE
-0,006	0,313	0,000	0,008	0,010	FALSE
-0,059	0,312	-0,003	0,011	0,108	FALSE
-0,017	0,301	0,000	0,006	0,027	FALSE
-0,183	0,300	-0,005	0,009	0,236	FALSE
0,065	0,320	0,002	0,011	0,059	FALSE
-0,042	0,317	-0,001	0,007	0,043	FALSE
-0,068	0,310	-0,002	0,010	0,060	FALSE
-0,086	0,313	-0,004	0,013	0,124	FALSE
-0,022	0,307	-0,001	0,007	0,029	FALSE
0,091	0,299	0,002	0,009	0,088	FALSE
0,084	0,299	0,003	0,011	0,099	FALSE
0,058	0,301	0,003	0,010	0,118	FALSE
0,032	0,305	0,002	0,011	0,079	FALSE
0,072	0,308	0,003	0,011	0,110	FALSE
-0,032	0,303	-0,002	0,008	0,074	FALSE
0,027	0,297	0,001	0,010	0,032	FALSE
-0,106	0,297	-0,003	0,006	0,177	FALSE
-0,073	0,301	-0,002	0,006	0,126	FALSE
-0,060	0,304	-0,002	0,008	0,106	FALSE
0,066	0,304	0,002	0,007	0,091	FALSE
0,073	0,304	0,003	0,011	0,098	FALSE
0,028	0,309	0,001	0,006	0,041	FALSE
0,118	0,303	0,005	0,013	0,170	FALSE
0,005	0,317	0,000	0,010	0,012	FALSE
0,075	0,300	0,002	0,007	0,131	FALSE
-0,135	0,282	-0,004	0,010	0,169	FALSE
-0,053	0,316	-0,001	0,006	0,072	FALSE
-0,175	0,308	-0,008	0,013	0,262	FALSE
-0,093	0,313	-0,002	0,007	0,118	FALSE
-0,033	0,310	-0,001	0,009	0,038	FALSE
-0,092	0,309	-0,002	0,009	0,098	FALSE
0,091	0,309	0,002	0,008	0,121	FALSE
0,040	0,314	0,001	0,007	0,051	FALSE
0,054	0,301	0,001	0,007	0,066	FALSE
-0,014	0,303	0,000	0,007	0,003	FALSE
0,025	0,301	0,001	0,006	0,030	FALSE
0,055	0,310	0,002	0,010	0,078	FALSE
0,024	0,302	0,001	0,007	0,037	FALSE
0,074	0,305	0,002	0,008	0,087	FALSE
0,035	0,306	0,001	0,010	0,030	FALSE
-0,105	0,304	-0,003	0,009	0,131	FALSE
0,046	0,305	0,001	0,008	0,051	FALSE

0,086	0,315	0,002	0,006	0,133	FALSE
-0,070	0,290	-0,003	0,013	0,101	FALSE
0,120	0,300	0,002	0,006	0,141	FALSE
0,006	0,307	0,001	0,010	0,044	FALSE
0,033	0,306	0,001	0,009	0,046	FALSE
0,035	0,309	0,001	0,009	0,050	FALSE
-0,011	0,299	-0,001	0,007	0,050	FALSE
-0,211	0,304	-0,007	0,010	0,292	FALSE
-0,075	0,303	-0,001	0,006	0,086	FALSE
-0,055	0,307	-0,001	0,009	0,060	FALSE
-0,083	0,308	-0,003	0,010	0,128	FALSE
0,121	0,296	0,003	0,007	0,166	FALSE
0,076	0,306	0,001	0,007	0,058	FALSE
-0,071	0,302	-0,003	0,011	0,100	FALSE
-0,177	0,302	-0,004	0,007	0,270	FALSE
-0,070	0,338	-0,002	0,008	0,076	FALSE
-0,132	0,295	-0,002	0,006	0,157	FALSE
-0,142	0,301	-0,003	0,007	0,172	FALSE
-0,006	0,306	0,000	0,010	0,001	FALSE
-0,018	0,300	0,000	0,006	0,006	FALSE
-0,096	0,308	-0,003	0,012	0,091	FALSE
0,095	0,313	0,003	0,010	0,109	FALSE
-0,002	0,328	0,000	0,008	0,002	FALSE
-0,032	0,301	-0,001	0,009	0,022	FALSE
0,074	0,298	0,003	0,013	0,091	FALSE
-0,027	0,307	-0,001	0,011	0,030	FALSE
0,160	0,307	0,003	0,007	0,208	FALSE
0,020	0,317	0,000	0,007	0,022	FALSE
0,045	0,307	0,002	0,012	0,060	FALSE
-0,102	0,318	-0,003	0,008	0,127	FALSE
0,046	0,295	0,001	0,009	0,040	FALSE
-0,037	0,311	-0,001	0,008	0,028	FALSE
-0,062	0,300	-0,002	0,011	0,072	FALSE
-0,015	0,309	0,000	0,013	0,006	FALSE
-0,061	0,309	-0,002	0,009	0,063	FALSE
-0,001	0,306	-0,001	0,012	0,030	FALSE
-0,082	0,301	-0,002	0,009	0,085	FALSE
-0,006	0,318	0,000	0,010	0,003	FALSE
0,171	0,300	0,007	0,011	0,270	FALSE
-0,039	0,311	0,000	0,007	0,019	FALSE
-0,044	0,318	-0,003	0,012	0,084	FALSE
0,032	0,310	0,002	0,010	0,063	FALSE
-0,012	0,294	0,000	0,008	0,003	FALSE
-0,128	0,310	-0,004	0,009	0,158	FALSE
-0,059	0,307	-0,003	0,012	0,093	FALSE
-0,002	0,304	0,000	0,011	0,010	FALSE
0,004	0,308	0,000	0,011	0,008	FALSE
-0,100	0,306	-0,003	0,007	0,147	FALSE
-0,154	0,297	-0,006	0,012	0,231	FALSE
0,021	0,314	0,001	0,009	0,039	FALSE
0,023	0,304	0,001	0,009	0,028	FALSE
-0,110	0,303	-0,003	0,010	0,141	FALSE
0,101	0,313	0,002	0,008	0,120	FALSE

-0,109	0,299	-0,003	0,010	0,134	FALSE
-0,100	0,303	-0,003	0,012	0,104	FALSE
0,090	0,308	0,002	0,006	0,150	FALSE
-0,032	0,321	-0,001	0,010	0,041	FALSE
0,023	0,309	0,001	0,010	0,042	FALSE
-0,046	0,313	-0,001	0,012	0,046	FALSE
-0,026	0,306	-0,002	0,011	0,057	FALSE
-0,071	0,316	-0,003	0,013	0,093	FALSE
-0,086	0,316	-0,003	0,010	0,105	FALSE
-0,104	0,310	-0,004	0,013	0,126	FALSE
-0,051	0,294	-0,001	0,006	0,061	FALSE
0,019	0,315	0,001	0,012	0,027	FALSE
-0,043	0,307	-0,002	0,011	0,061	FALSE
-0,028	0,305	-0,001	0,009	0,064	FALSE
-0,063	0,321	-0,003	0,010	0,098	FALSE
-0,034	0,295	-0,002	0,010	0,068	FALSE
0,070	0,297	0,002	0,008	0,083	FALSE
0,030	0,323	0,001	0,012	0,025	FALSE
0,056	0,316	0,001	0,009	0,044	FALSE
0,078	0,299	0,002	0,008	0,069	FALSE
0,089	0,300	0,002	0,008	0,091	FALSE
0,072	0,301	0,002	0,009	0,077	FALSE
-0,061	0,313	-0,001	0,008	0,069	FALSE
-0,015	0,316	0,000	0,010	0,004	FALSE
0,005	0,296	-0,001	0,011	0,023	FALSE
-0,016	0,313	0,000	0,007	0,012	FALSE
0,048	0,323	0,001	0,009	0,052	FALSE
-0,093	0,306	-0,003	0,008	0,162	FALSE
0,152	0,308	0,004	0,007	0,208	FALSE
-0,015	0,319	0,000	0,007	0,004	FALSE
0,031	0,320	0,001	0,009	0,041	FALSE
0,116	0,295	0,004	0,007	0,196	FALSE
0,047	0,315	0,001	0,007	0,050	FALSE
-0,053	0,317	-0,002	0,009	0,087	FALSE
0,118	0,314	0,006	0,013	0,184	FALSE
-0,122	0,307	-0,003	0,006	0,169	FALSE
-0,061	0,313	-0,001	0,006	0,069	FALSE
-0,044	0,323	-0,002	0,008	0,070	FALSE
-0,009	0,318	0,000	0,012	0,004	FALSE
0,016	0,315	0,001	0,007	0,040	FALSE
0,078	0,304	0,002	0,008	0,111	FALSE
0,063	0,299	0,002	0,008	0,100	FALSE
-0,066	0,317	-0,002	0,006	0,105	FALSE
-0,018	0,313	0,000	0,010	0,017	FALSE
0,035	0,313	0,002	0,008	0,084	FALSE
0,132	0,302	0,005	0,008	0,243	FALSE
0,133	0,299	0,005	0,008	0,250	FALSE
0,017	0,326	0,000	0,014	0,007	FALSE
-0,003	0,297	0,001	0,010	0,030	FALSE
-0,045	0,314	-0,002	0,010	0,061	FALSE
-0,079	0,309	-0,003	0,010	0,103	FALSE
-0,125	0,298	-0,003	0,007	0,158	FALSE
-0,085	0,303	-0,004	0,011	0,124	FALSE

-0,079	0,307	-0,003	0,011	0,106	FALSE
0,032	0,315	0,001	0,013	0,034	FALSE
-0,085	0,313	-0,004	0,009	0,162	FALSE
-0,036	0,314	-0,001	0,012	0,038	FALSE
-0,150	0,303	-0,005	0,009	0,214	FALSE
0,015	0,306	0,000	0,010	0,001	FALSE
-0,136	0,298	-0,003	0,006	0,197	FALSE
-0,126	0,302	-0,004	0,009	0,186	FALSE
0,029	0,310	0,001	0,010	0,029	FALSE
-0,014	0,305	-0,002	0,012	0,051	FALSE
-0,021	0,313	0,000	0,009	0,008	FALSE
0,066	0,320	0,002	0,007	0,099	FALSE
0,078	0,319	0,003	0,009	0,111	FALSE
-0,081	0,305	-0,002	0,009	0,094	FALSE
0,006	0,315	0,000	0,012	0,001	FALSE
-0,057	0,317	-0,003	0,012	0,093	FALSE
0,096	0,307	0,002	0,007	0,124	FALSE
0,010	0,306	-0,001	0,011	0,019	FALSE
-0,008	0,299	-0,001	0,011	0,045	FALSE
0,010	0,299	0,000	0,010	0,012	FALSE
-0,105	0,306	-0,004	0,009	0,164	FALSE
-0,095	0,287	-0,002	0,007	0,131	FALSE
0,073	0,313	0,002	0,013	0,070	FALSE
-0,001	0,306	0,000	0,011	0,001	FALSE
0,065	0,310	0,003	0,010	0,111	FALSE
-0,140	0,296	-0,003	0,006	0,177	FALSE
-0,092	0,306	-0,002	0,007	0,103	FALSE
0,053	0,288	0,003	0,013	0,075	FALSE
0,102	0,304	0,003	0,009	0,149	FALSE
-0,126	0,305	-0,003	0,007	0,174	FALSE
0,028	0,303	0,001	0,007	0,066	FALSE
0,149	0,304	0,006	0,011	0,215	FALSE
-0,094	0,313	-0,002	0,008	0,102	FALSE
0,110	0,303	0,004	0,012	0,136	FALSE
-0,055	0,319	-0,002	0,013	0,068	FALSE
0,020	0,311	0,000	0,007	0,002	FALSE
0,021	0,303	0,000	0,008	0,014	FALSE
-0,001	0,316	0,000	0,008	0,005	FALSE
-0,003	0,312	0,000	0,013	0,012	FALSE
-0,096	0,309	-0,003	0,011	0,100	FALSE
0,036	0,302	0,001	0,008	0,026	FALSE
-0,009	0,302	-0,001	0,008	0,038	FALSE
-0,013	0,313	-0,001	0,008	0,027	FALSE
-0,014	0,299	-0,001	0,007	0,049	FALSE
-0,082	0,317	-0,002	0,011	0,081	FALSE
-0,027	0,317	-0,001	0,011	0,016	FALSE
-0,034	0,308	-0,002	0,012	0,063	FALSE
0,065	0,299	0,002	0,009	0,091	FALSE
0,004	0,311	0,001	0,010	0,019	FALSE
-0,173	0,308	-0,006	0,009	0,269	FALSE
-0,084	0,305	-0,004	0,011	0,140	FALSE
-0,145	0,302	-0,005	0,009	0,235	FALSE
-0,002	0,317	-0,001	0,010	0,021	FALSE

-0,024	0,300	-0,001	0,012	0,039	FALSE
-0,063	0,305	-0,003	0,012	0,090	FALSE
0,004	0,302	0,000	0,006	0,001	FALSE
0,049	0,321	0,002	0,010	0,072	FALSE
-0,079	0,310	-0,002	0,008	0,089	FALSE
-0,019	0,314	-0,001	0,013	0,023	FALSE
0,051	0,303	0,002	0,010	0,059	FALSE
-0,031	0,311	0,000	0,008	0,005	FALSE
0,089	0,302	0,002	0,010	0,081	FALSE
0,054	0,303	0,002	0,009	0,061	FALSE
0,025	0,308	0,001	0,010	0,039	FALSE
0,016	0,320	0,001	0,013	0,019	FALSE
0,061	0,309	0,002	0,008	0,076	FALSE
0,037	0,307	0,001	0,009	0,047	FALSE
0,090	0,300	0,003	0,010	0,116	FALSE
0,085	0,296	0,003	0,012	0,107	FALSE
-0,086	0,306	-0,001	0,007	0,075	FALSE
-0,005	0,321	0,000	0,011	0,014	FALSE
-0,063	0,298	-0,003	0,012	0,108	FALSE
0,080	0,295	0,002	0,006	0,111	FALSE
-0,060	0,298	-0,002	0,008	0,080	FALSE
0,093	0,304	0,005	0,013	0,155	FALSE
0,081	0,315	0,002	0,007	0,127	FALSE
-0,034	0,320	-0,002	0,011	0,070	FALSE
0,046	0,311	0,001	0,009	0,040	FALSE
0,063	0,307	0,001	0,009	0,050	FALSE
-0,010	0,308	0,000	0,010	0,007	FALSE
0,074	0,302	0,002	0,007	0,115	FALSE
-0,124	0,295	-0,005	0,012	0,168	FALSE
-0,028	0,304	-0,002	0,013	0,050	FALSE
0,011	0,301	0,001	0,009	0,026	FALSE
-0,108	0,283	-0,003	0,010	0,123	FALSE
-0,111	0,309	-0,003	0,011	0,111	FALSE
0,100	0,312	0,003	0,011	0,120	FALSE
0,076	0,312	0,003	0,011	0,102	FALSE
-0,105	0,283	-0,002	0,006	0,152	FALSE
0,042	0,331	0,002	0,013	0,043	FALSE
0,019	0,307	0,000	0,009	0,002	FALSE
-0,110	0,304	-0,005	0,011	0,183	FALSE
0,075	0,317	0,002	0,007	0,095	FALSE
-0,175	0,293	-0,005	0,009	0,247	FALSE
0,167	0,304	0,005	0,010	0,234	FALSE
0,032	0,319	0,001	0,008	0,041	FALSE
-0,052	0,300	-0,002	0,013	0,066	FALSE
0,143	0,303	0,005	0,011	0,200	FALSE
-0,057	0,314	-0,001	0,007	0,068	FALSE
0,041	0,303	0,001	0,008	0,036	FALSE
-0,054	0,294	-0,001	0,007	0,059	FALSE
-0,039	0,297	-0,002	0,009	0,066	FALSE
0,052	0,299	0,001	0,008	0,049	FALSE
-0,093	0,299	-0,005	0,013	0,165	FALSE
-0,098	0,305	-0,006	0,013	0,181	FALSE
0,109	0,308	0,002	0,006	0,159	FALSE

0,028	0,319	0,000	0,013	0,001	FALSE
0,082	0,307	0,004	0,011	0,146	FALSE
0,014	0,310	0,002	0,013	0,044	FALSE
-0,114	0,303	-0,002	0,007	0,125	FALSE
0,080	0,303	0,003	0,012	0,110	FALSE
-0,178	0,315	-0,006	0,012	0,229	FALSE
-0,099	0,310	-0,002	0,007	0,113	FALSE
-0,042	0,311	-0,002	0,013	0,070	FALSE
-0,035	0,315	-0,001	0,011	0,028	FALSE
-0,038	0,307	-0,002	0,012	0,066	FALSE
0,136	0,307	0,003	0,007	0,181	FALSE
-0,155	0,300	-0,006	0,012	0,230	FALSE
0,034	0,300	0,001	0,013	0,029	FALSE
0,107	0,308	0,003	0,006	0,172	FALSE
0,038	0,319	0,002	0,011	0,068	FALSE
0,078	0,307	0,002	0,008	0,091	FALSE
-0,147	0,292	-0,007	0,013	0,242	FALSE
0,019	0,304	0,000	0,007	0,021	FALSE
0,036	0,302	0,001	0,009	0,021	FALSE
0,016	0,300	0,000	0,008	0,019	FALSE
0,021	0,290	0,000	0,008	0,005	FALSE
-0,049	0,311	-0,001	0,013	0,037	FALSE
-0,074	0,315	-0,003	0,013	0,079	FALSE
0,057	0,306	0,001	0,009	0,040	FALSE
0,071	0,297	0,002	0,013	0,064	FALSE
-0,025	0,292	-0,001	0,009	0,042	FALSE
0,041	0,281	0,001	0,012	0,022	FALSE
-0,036	0,316	-0,002	0,013	0,060	FALSE
0,041	0,304	0,001	0,007	0,033	FALSE
0,029	0,311	0,001	0,008	0,045	FALSE
-0,029	0,308	0,000	0,007	0,006	FALSE
0,021	0,311	0,000	0,007	0,020	FALSE
0,081	0,307	0,002	0,008	0,085	FALSE
-0,038	0,288	-0,001	0,009	0,036	FALSE
-0,064	0,305	-0,002	0,012	0,066	FALSE
-0,074	0,307	-0,003	0,012	0,086	FALSE
-0,075	0,312	-0,002	0,007	0,108	FALSE
-0,141	0,302	-0,004	0,009	0,199	FALSE
0,089	0,300	0,002	0,006	0,154	FALSE
-0,055	0,311	-0,001	0,009	0,048	FALSE
-0,173	0,304	-0,005	0,008	0,242	FALSE
-0,084	0,306	-0,004	0,010	0,144	FALSE
0,083	0,298	0,002	0,007	0,138	FALSE
0,007	0,322	0,001	0,011	0,031	FALSE
0,068	0,295	0,001	0,007	0,067	FALSE
-0,009	0,309	0,000	0,012	0,004	FALSE
-0,012	0,315	0,000	0,007	0,012	FALSE
-0,120	0,294	-0,004	0,010	0,149	FALSE
-0,123	0,306	-0,004	0,011	0,141	FALSE
-0,111	0,296	-0,003	0,011	0,125	FALSE
-0,056	0,316	-0,001	0,010	0,051	FALSE
0,168	0,304	0,006	0,010	0,233	FALSE
-0,015	0,310	0,000	0,013	0,013	FALSE

-0,019	0,307	0,000	0,007	0,021	FALSE
-0,092	0,307	-0,002	0,006	0,100	FALSE
-0,101	0,313	-0,002	0,007	0,119	FALSE
-0,127	0,290	-0,005	0,009	0,238	FALSE
-0,023	0,308	-0,001	0,012	0,029	FALSE
-0,017	0,297	0,000	0,012	0,007	FALSE
0,050	0,299	0,002	0,010	0,088	FALSE
-0,007	0,316	0,001	0,007	0,030	FALSE
0,037	0,290	0,001	0,007	0,062	FALSE
0,063	0,285	0,001	0,006	0,087	FALSE
-0,054	0,301	-0,001	0,012	0,033	FALSE
-0,075	0,310	-0,002	0,008	0,083	FALSE
0,042	0,299	0,001	0,008	0,041	FALSE
0,053	0,304	0,001	0,007	0,081	FALSE
-0,130	0,316	-0,003	0,006	0,165	FALSE
-0,070	0,299	-0,002	0,012	0,075	FALSE
-0,151	0,297	-0,005	0,009	0,212	FALSE
-0,186	0,302	-0,005	0,008	0,269	FALSE
0,147	0,289	0,004	0,009	0,196	FALSE
-0,052	0,299	-0,002	0,008	0,105	FALSE
-0,039	0,312	-0,001	0,007	0,050	FALSE
-0,016	0,309	0,000	0,008	0,018	FALSE
0,055	0,315	0,002	0,011	0,058	FALSE
-0,086	0,309	-0,003	0,012	0,116	FALSE
-0,035	0,319	-0,001	0,010	0,054	FALSE
-0,056	0,310	-0,001	0,008	0,058	FALSE
-0,059	0,309	-0,001	0,008	0,060	FALSE
-0,055	0,300	-0,001	0,008	0,055	FALSE
-0,047	0,307	-0,001	0,008	0,046	FALSE
-0,060	0,308	-0,001	0,008	0,050	FALSE
-0,066	0,297	-0,001	0,007	0,073	FALSE
-0,023	0,310	-0,001	0,012	0,033	FALSE
-0,074	0,299	-0,002	0,009	0,098	FALSE
-0,052	0,302	-0,002	0,011	0,069	FALSE
-0,087	0,302	-0,004	0,013	0,110	FALSE
0,064	0,314	0,002	0,010	0,075	FALSE
0,045	0,312	0,001	0,010	0,053	FALSE
-0,011	0,290	0,000	0,012	0,014	FALSE
0,007	0,308	0,001	0,009	0,026	FALSE
-0,092	0,307	-0,004	0,012	0,136	FALSE
0,089	0,310	0,003	0,012	0,094	FALSE
-0,032	0,315	-0,001	0,013	0,031	FALSE
0,095	0,301	0,003	0,010	0,129	FALSE
0,017	0,315	0,000	0,009	0,020	FALSE
-0,020	0,315	-0,001	0,013	0,032	FALSE
0,028	0,308	0,001	0,010	0,022	FALSE
0,085	0,307	0,002	0,007	0,095	FALSE
0,009	0,302	0,000	0,008	0,017	FALSE
-0,065	0,319	-0,003	0,010	0,095	FALSE
-0,001	0,296	0,000	0,006	0,011	FALSE
0,068	0,296	0,002	0,008	0,081	FALSE
-0,007	0,304	0,000	0,006	0,002	FALSE
-0,045	0,311	-0,002	0,006	0,095	FALSE

-0,108	0,305	-0,003	0,007	0,154	FALSE
0,072	0,315	0,003	0,010	0,113	FALSE
-0,100	0,305	-0,004	0,009	0,157	FALSE
-0,059	0,306	-0,002	0,011	0,065	FALSE
0,148	0,297	0,003	0,007	0,188	FALSE
0,074	0,311	0,004	0,013	0,126	FALSE
-0,067	0,305	-0,002	0,011	0,063	FALSE
0,041	0,315	0,002	0,012	0,045	FALSE
-0,040	0,313	-0,002	0,012	0,072	FALSE
0,018	0,318	0,001	0,010	0,019	FALSE
-0,086	0,299	-0,002	0,007	0,115	FALSE
0,028	0,319	0,000	0,007	0,010	FALSE
0,060	0,304	0,002	0,008	0,092	FALSE
0,086	0,301	0,002	0,009	0,090	FALSE
-0,047	0,322	-0,001	0,012	0,042	FALSE
0,032	0,304	0,001	0,009	0,052	FALSE
0,017	0,305	0,001	0,008	0,028	FALSE
0,043	0,305	0,001	0,007	0,057	FALSE
0,030	0,291	0,001	0,009	0,041	FALSE
-0,040	0,314	-0,001	0,007	0,051	FALSE
-0,032	0,303	-0,001	0,010	0,038	FALSE
-0,085	0,311	-0,004	0,012	0,127	FALSE
-0,087	0,308	-0,002	0,007	0,106	FALSE
-0,091	0,303	-0,002	0,007	0,106	FALSE
-0,068	0,298	-0,002	0,008	0,091	FALSE
-0,081	0,297	-0,004	0,012	0,124	FALSE
-0,012	0,297	-0,001	0,013	0,031	FALSE
0,213	0,306	0,009	0,013	0,315	FALSE
-0,006	0,312	0,000	0,007	0,002	FALSE
-0,054	0,299	-0,001	0,012	0,043	FALSE
-0,022	0,317	0,000	0,013	0,005	FALSE
0,068	0,303	0,002	0,008	0,103	FALSE
-0,023	0,318	-0,001	0,013	0,034	FALSE
-0,076	0,304	-0,002	0,007	0,108	FALSE
-0,005	0,312	0,000	0,010	0,006	FALSE
0,186	0,316	0,005	0,008	0,273	FALSE
-0,082	0,311	-0,003	0,012	0,106	FALSE
0,009	0,302	0,000	0,006	0,022	FALSE
-0,062	0,314	-0,001	0,007	0,066	FALSE
-0,067	0,303	-0,001	0,007	0,043	FALSE
-0,001	0,299	0,000	0,011	0,008	FALSE
0,051	0,297	0,003	0,012	0,081	FALSE
-0,077	0,295	-0,002	0,007	0,109	FALSE
0,016	0,314	0,001	0,013	0,023	FALSE
-0,107	0,319	-0,003	0,009	0,112	FALSE
0,033	0,304	0,001	0,010	0,038	FALSE
-0,087	0,323	-0,004	0,012	0,129	FALSE
0,070	0,318	0,001	0,007	0,056	FALSE
0,132	0,314	0,006	0,013	0,184	FALSE
0,003	0,322	0,000	0,010	0,014	FALSE
-0,011	0,306	0,000	0,007	0,005	FALSE
0,121	0,300	0,006	0,012	0,203	FALSE
0,017	0,308	0,000	0,008	0,005	FALSE

-0,075	0,315	-0,001	0,008	0,066	FALSE
-0,060	0,286	-0,001	0,008	0,050	FALSE
0,040	0,295	0,001	0,008	0,038	FALSE
0,068	0,321	0,001	0,007	0,056	FALSE
0,003	0,317	0,000	0,010	0,017	FALSE
0,047	0,322	0,002	0,013	0,061	FALSE
0,070	0,315	0,003	0,012	0,088	FALSE
0,064	0,301	0,002	0,009	0,065	FALSE
-0,020	0,312	-0,001	0,011	0,017	FALSE
0,055	0,314	0,001	0,011	0,046	FALSE
-0,023	0,310	-0,001	0,008	0,054	FALSE
0,088	0,318	0,002	0,008	0,075	FALSE
-0,058	0,310	-0,002	0,012	0,058	FALSE
0,061	0,315	0,001	0,007	0,076	FALSE
0,024	0,289	0,002	0,012	0,065	FALSE
0,008	0,304	0,001	0,007	0,038	TRUE
0,016	0,312	0,001	0,013	0,023	FALSE
-0,047	0,304	-0,001	0,007	0,057	FALSE
0,008	0,311	0,000	0,007	0,017	FALSE
-0,079	0,320	-0,002	0,009	0,072	FALSE
0,025	0,300	0,001	0,007	0,044	FALSE
-0,066	0,316	-0,002	0,007	0,089	FALSE
-0,045	0,296	-0,001	0,006	0,058	FALSE
0,119	0,313	0,003	0,007	0,153	FALSE
-0,093	0,313	-0,003	0,010	0,116	FALSE
-0,092	0,314	-0,002	0,007	0,117	FALSE
0,034	0,305	0,001	0,007	0,077	FALSE
-0,080	0,298	-0,003	0,009	0,124	FALSE
0,008	0,310	0,000	0,007	0,008	FALSE
0,060	0,295	0,001	0,008	0,051	FALSE
0,033	0,294	0,001	0,012	0,022	FALSE
-0,114	0,311	-0,002	0,007	0,121	FALSE
-0,079	0,306	-0,002	0,009	0,100	FALSE
-0,147	0,307	-0,004	0,009	0,185	FALSE
-0,034	0,299	-0,001	0,009	0,030	FALSE
0,019	0,315	0,000	0,009	0,008	FALSE
-0,002	0,291	0,000	0,012	0,007	FALSE
-0,017	0,306	-0,001	0,013	0,018	FALSE
0,032	0,305	0,001	0,008	0,059	FALSE
0,008	0,302	0,001	0,007	0,032	FALSE
-0,102	0,315	-0,003	0,010	0,125	FALSE
0,125	0,282	0,004	0,009	0,173	FALSE
0,121	0,294	0,003	0,009	0,151	FALSE
-0,175	0,311	-0,004	0,007	0,245	FALSE
0,100	0,309	0,003	0,013	0,101	FALSE
-0,005	0,304	0,000	0,011	0,000	FALSE
0,020	0,308	0,001	0,008	0,029	FALSE
-0,008	0,302	-0,001	0,008	0,024	FALSE
-0,059	0,303	-0,002	0,009	0,082	FALSE
-0,043	0,319	-0,001	0,013	0,035	FALSE
0,081	0,319	0,002	0,007	0,116	FALSE
-0,009	0,301	-0,001	0,007	0,043	FALSE
0,119	0,305	0,003	0,006	0,183	FALSE

0,039	0,311	0,000	0,009	0,018	FALSE
-0,025	0,302	-0,002	0,013	0,049	FALSE
-0,031	0,308	-0,001	0,013	0,040	FALSE
0,017	0,313	0,001	0,008	0,051	FALSE
-0,002	0,311	0,000	0,010	0,004	FALSE
0,044	0,316	0,001	0,007	0,064	FALSE
-0,024	0,296	0,000	0,012	0,001	FALSE
0,111	0,312	0,005	0,012	0,170	FALSE
-0,092	0,307	-0,004	0,012	0,116	FALSE
0,003	0,309	0,000	0,011	0,001	FALSE
0,149	0,307	0,006	0,012	0,224	FALSE
-0,070	0,319	-0,002	0,009	0,107	FALSE
-0,108	0,299	-0,004	0,011	0,168	FALSE
-0,132	0,307	-0,005	0,013	0,179	FALSE
-0,082	0,314	-0,004	0,013	0,114	FALSE
0,047	0,306	0,001	0,008	0,064	FALSE
0,044	0,299	0,001	0,007	0,064	FALSE
-0,105	0,317	-0,003	0,010	0,145	FALSE
-0,015	0,297	0,000	0,008	0,004	FALSE
-0,022	0,298	0,000	0,008	0,017	FALSE
-0,068	0,306	-0,004	0,013	0,107	FALSE
0,002	0,301	0,000	0,007	0,014	FALSE
0,037	0,294	0,002	0,010	0,060	FALSE
0,174	0,318	0,008	0,013	0,259	FALSE
-0,114	0,313	-0,003	0,009	0,143	FALSE
0,036	0,295	0,001	0,012	0,017	FALSE
-0,022	0,306	0,000	0,007	0,003	FALSE
0,012	0,315	0,001	0,010	0,020	FALSE
-0,041	0,319	-0,001	0,011	0,026	FALSE
-0,088	0,312	-0,003	0,008	0,132	FALSE
0,098	0,314	0,002	0,007	0,113	FALSE
0,054	0,305	0,002	0,008	0,111	FALSE
-0,046	0,308	-0,001	0,007	0,054	FALSE
-0,040	0,314	-0,001	0,011	0,028	FALSE
0,019	0,308	0,000	0,006	0,023	FALSE
0,123	0,311	0,006	0,012	0,190	FALSE
-0,130	0,306	-0,005	0,013	0,168	FALSE
-0,041	0,301	-0,001	0,008	0,060	FALSE
0,001	0,303	0,000	0,008	0,001	FALSE
0,038	0,320	0,001	0,008	0,046	FALSE
-0,085	0,294	-0,002	0,007	0,134	FALSE
-0,126	0,310	-0,004	0,008	0,194	FALSE
0,026	0,319	0,000	0,007	0,019	FALSE
0,085	0,307	0,001	0,006	0,089	FALSE
-0,058	0,313	-0,002	0,011	0,075	FALSE
-0,078	0,299	-0,002	0,008	0,110	FALSE
0,004	0,309	0,000	0,007	0,010	FALSE
0,011	0,312	0,000	0,010	0,008	FALSE
-0,009	0,296	0,000	0,007	0,001	FALSE
0,001	0,315	0,000	0,013	0,000	FALSE
-0,044	0,306	-0,002	0,010	0,066	FALSE
0,114	0,309	0,003	0,007	0,182	FALSE
0,122	0,307	0,003	0,009	0,146	FALSE

-0,031	0,304	-0,001	0,008	0,023	FALSE
0,045	0,313	0,001	0,008	0,052	FALSE
-0,006	0,308	0,000	0,008	0,013	FALSE
-0,077	0,304	-0,003	0,012	0,100	FALSE
0,005	0,308	0,000	0,007	0,017	FALSE
0,022	0,310	0,001	0,008	0,047	FALSE
0,103	0,309	0,002	0,006	0,114	FALSE
0,075	0,309	0,002	0,008	0,108	FALSE
-0,163	0,319	-0,005	0,010	0,246	FALSE
-0,015	0,308	0,000	0,008	0,020	FALSE
0,025	0,313	0,000	0,006	0,003	FALSE
-0,018	0,301	0,000	0,006	0,011	FALSE
-0,084	0,295	-0,001	0,007	0,080	FALSE
0,093	0,317	0,002	0,007	0,131	FALSE
0,020	0,295	0,000	0,007	0,024	FALSE
0,067	0,298	0,002	0,012	0,071	FALSE
0,030	0,310	0,002	0,008	0,072	FALSE
-0,130	0,314	-0,003	0,007	0,168	FALSE
0,085	0,308	0,002	0,008	0,092	FALSE
-0,082	0,294	-0,002	0,009	0,085	FALSE
0,058	0,302	0,003	0,010	0,107	FALSE
-0,144	0,298	-0,005	0,009	0,239	FALSE
-0,047	0,302	-0,001	0,008	0,068	FALSE
-0,098	0,311	-0,003	0,008	0,155	FALSE
-0,065	0,319	-0,003	0,013	0,079	FALSE
0,071	0,288	0,002	0,010	0,089	FALSE
0,129	0,303	0,005	0,012	0,177	FALSE
-0,037	0,303	-0,001	0,010	0,040	FALSE
0,024	0,310	0,001	0,007	0,042	FALSE
0,039	0,288	0,001	0,011	0,041	FALSE
0,042	0,318	0,002	0,013	0,067	FALSE
-0,057	0,309	-0,002	0,009	0,106	FALSE
-0,006	0,318	0,000	0,010	0,008	FALSE
-0,002	0,308	0,000	0,011	0,007	FALSE
0,009	0,307	0,000	0,007	0,007	FALSE
0,047	0,323	0,001	0,007	0,043	FALSE
0,016	0,302	0,000	0,010	0,016	FALSE
-0,154	0,309	-0,005	0,009	0,219	FALSE
-0,027	0,314	-0,001	0,012	0,020	FALSE
0,073	0,318	0,003	0,012	0,105	FALSE
0,044	0,309	0,001	0,007	0,048	FALSE
-0,022	0,305	-0,001	0,010	0,028	FALSE
0,045	0,309	0,001	0,011	0,045	FALSE
0,059	0,308	0,002	0,011	0,079	FALSE
0,132	0,298	0,003	0,007	0,178	FALSE
0,028	0,298	0,001	0,012	0,015	FALSE
-0,033	0,306	0,000	0,006	0,024	FALSE
-0,150	0,305	-0,006	0,011	0,236	FALSE
-0,172	0,306	-0,006	0,010	0,262	FALSE
0,129	0,305	0,004	0,008	0,186	FALSE
-0,062	0,311	-0,003	0,013	0,089	FALSE
-0,047	0,319	-0,002	0,013	0,052	FALSE
0,090	0,320	0,003	0,012	0,110	FALSE

-0,006	0,323	0,000	0,008	0,003	FALSE
0,066	0,308	0,003	0,012	0,083	FALSE
-0,105	0,301	-0,003	0,009	0,160	FALSE
0,100	0,314	0,004	0,011	0,140	FALSE
-0,069	0,309	-0,002	0,006	0,098	FALSE
0,013	0,320	0,001	0,007	0,044	FALSE
0,000	0,301	0,000	0,006	0,005	FALSE
-0,069	0,308	-0,002	0,009	0,101	FALSE
0,074	0,309	0,002	0,010	0,076	FALSE
-0,008	0,305	0,000	0,007	0,010	FALSE
-0,122	0,305	-0,003	0,008	0,154	FALSE
-0,070	0,305	-0,003	0,012	0,076	FALSE
0,043	0,312	0,003	0,013	0,098	FALSE
0,120	0,323	0,003	0,007	0,154	FALSE
-0,102	0,301	-0,003	0,007	0,147	FALSE
0,054	0,305	0,001	0,010	0,034	FALSE
0,015	0,317	0,001	0,013	0,034	FALSE
-0,020	0,307	0,000	0,009	0,018	FALSE
0,041	0,309	0,001	0,009	0,035	FALSE
0,061	0,313	0,002	0,012	0,057	FALSE
-0,080	0,311	-0,002	0,010	0,088	FALSE
0,115	0,285	0,003	0,008	0,165	FALSE
0,090	0,319	0,003	0,012	0,103	FALSE
-0,033	0,294	-0,002	0,012	0,069	FALSE
-0,097	0,289	-0,003	0,010	0,118	FALSE
-0,094	0,293	-0,003	0,011	0,113	FALSE
-0,077	0,308	-0,002	0,009	0,103	FALSE
-0,073	0,304	-0,002	0,009	0,102	FALSE
0,056	0,295	0,001	0,007	0,080	FALSE
0,074	0,305	0,002	0,008	0,113	FALSE
0,053	0,292	0,001	0,007	0,061	FALSE
-0,003	0,313	0,000	0,009	0,004	FALSE
-0,050	0,288	-0,002	0,012	0,071	FALSE
-0,112	0,311	-0,004	0,012	0,146	FALSE
-0,035	0,304	-0,002	0,010	0,057	FALSE
-0,008	0,312	0,000	0,008	0,016	FALSE
0,088	0,300	0,002	0,009	0,106	FALSE
0,063	0,295	0,002	0,007	0,107	FALSE
0,004	0,298	0,001	0,012	0,028	FALSE
0,048	0,308	0,002	0,009	0,069	FALSE
0,005	0,305	0,000	0,011	0,001	FALSE
-0,130	0,317	-0,004	0,010	0,159	FALSE
-0,175	0,313	-0,008	0,013	0,257	FALSE
0,014	0,299	0,001	0,008	0,039	FALSE
-0,007	0,309	0,000	0,010	0,002	FALSE
0,008	0,300	0,000	0,007	0,023	FALSE
-0,010	0,304	0,000	0,012	0,000	FALSE
-0,057	0,290	-0,002	0,007	0,085	FALSE
-0,044	0,300	-0,001	0,007	0,045	FALSE
-0,007	0,296	0,000	0,010	0,009	FALSE
-0,092	0,319	-0,002	0,007	0,095	FALSE
0,082	0,301	0,003	0,009	0,117	FALSE
-0,019	0,319	0,000	0,013	0,010	FALSE

0,053	0,302	0,002	0,012	0,061	FALSE
0,009	0,312	0,000	0,013	0,008	FALSE
0,036	0,313	0,001	0,013	0,043	FALSE
-0,053	0,305	-0,001	0,007	0,054	FALSE
-0,054	0,310	-0,003	0,013	0,084	FALSE
-0,041	0,319	-0,001	0,012	0,036	FALSE
0,062	0,307	0,002	0,012	0,054	FALSE
-0,040	0,312	-0,002	0,012	0,065	FALSE
-0,042	0,313	-0,001	0,011	0,038	FALSE
-0,114	0,301	-0,003	0,007	0,156	FALSE
-0,041	0,310	0,000	0,007	0,017	FALSE
-0,002	0,305	-0,001	0,008	0,025	FALSE
-0,021	0,306	-0,001	0,008	0,026	FALSE
-0,035	0,290	0,000	0,007	0,020	FALSE
-0,050	0,314	-0,002	0,009	0,079	FALSE
0,126	0,305	0,004	0,010	0,167	FALSE
-0,044	0,306	-0,001	0,006	0,060	FALSE
0,025	0,304	0,001	0,012	0,032	FALSE
-0,133	0,298	-0,003	0,007	0,180	FALSE
0,092	0,306	0,002	0,008	0,115	FALSE
-0,117	0,325	-0,003	0,007	0,143	FALSE
0,107	0,308	0,002	0,008	0,130	FALSE
0,010	0,325	0,000	0,012	0,005	FALSE
0,171	0,296	0,004	0,007	0,230	FALSE
0,033	0,301	0,001	0,007	0,031	FALSE
0,082	0,299	0,003	0,012	0,095	FALSE
0,043	0,322	0,001	0,009	0,031	FALSE
0,084	0,324	0,002	0,010	0,090	FALSE
-0,069	0,307	-0,001	0,009	0,053	FALSE
-0,111	0,327	-0,004	0,012	0,126	FALSE
0,043	0,313	0,002	0,011	0,059	FALSE
-0,059	0,298	-0,002	0,009	0,107	FALSE
0,048	0,311	0,001	0,009	0,036	FALSE
0,004	0,317	-0,001	0,010	0,022	FALSE
0,095	0,312	0,002	0,007	0,123	FALSE
0,072	0,313	0,002	0,007	0,106	FALSE
0,030	0,317	0,000	0,007	0,021	FALSE
0,013	0,314	0,000	0,009	0,008	FALSE
0,033	0,296	0,001	0,011	0,038	FALSE
0,070	0,303	0,002	0,007	0,117	FALSE
-0,054	0,287	-0,001	0,006	0,058	FALSE
-0,007	0,294	0,000	0,010	0,002	FALSE
0,055	0,309	0,003	0,012	0,077	FALSE
0,050	0,315	0,002	0,011	0,051	FALSE
-0,036	0,306	-0,001	0,011	0,017	FALSE
0,072	0,300	0,002	0,009	0,071	FALSE
-0,049	0,312	-0,001	0,012	0,027	FALSE
-0,036	0,304	-0,001	0,012	0,032	FALSE
-0,043	0,320	-0,001	0,012	0,040	FALSE
-0,146	0,310	-0,004	0,007	0,233	FALSE
0,011	0,313	0,001	0,009	0,021	FALSE
-0,012	0,296	-0,002	0,011	0,052	FALSE
0,111	0,301	0,003	0,007	0,191	FALSE

-0,078	0,310	-0,002	0,006	0,103	FALSE
0,079	0,322	0,003	0,011	0,091	FALSE
0,039	0,304	0,002	0,011	0,050	FALSE
-0,007	0,308	-0,001	0,008	0,033	FALSE
0,007	0,311	0,000	0,008	0,006	FALSE
-0,001	0,314	0,000	0,010	0,009	FALSE
-0,046	0,316	-0,001	0,012	0,031	FALSE
-0,035	0,299	-0,001	0,010	0,029	FALSE
0,029	0,301	0,001	0,008	0,053	FALSE
0,140	0,310	0,004	0,010	0,183	FALSE
-0,172	0,306	-0,007	0,012	0,254	FALSE
-0,013	0,313	0,000	0,007	0,010	FALSE
-0,034	0,302	-0,001	0,008	0,049	FALSE
0,016	0,308	0,001	0,010	0,032	FALSE
0,005	0,318	0,000	0,007	0,007	FALSE
-0,029	0,304	-0,001	0,007	0,038	FALSE
0,081	0,306	0,003	0,010	0,104	FALSE
-0,009	0,313	-0,001	0,008	0,027	FALSE
-0,047	0,308	-0,001	0,008	0,060	FALSE
-0,087	0,310	-0,004	0,012	0,119	FALSE
0,095	0,311	0,002	0,007	0,108	FALSE
-0,047	0,333	-0,002	0,011	0,049	FALSE
-0,002	0,319	0,000	0,008	0,019	FALSE
0,141	0,311	0,005	0,012	0,187	FALSE
0,082	0,304	0,001	0,007	0,077	FALSE
0,002	0,302	0,000	0,012	0,009	FALSE
-0,023	0,299	0,000	0,006	0,006	FALSE
0,003	0,317	0,000	0,007	0,012	FALSE
0,146	0,302	0,004	0,007	0,237	FALSE
-0,041	0,305	-0,002	0,012	0,048	FALSE
-0,137	0,297	-0,003	0,007	0,160	FALSE
0,138	0,289	0,005	0,013	0,141	FALSE
-0,084	0,287	-0,002	0,007	0,091	FALSE
0,024	0,308	0,001	0,007	0,058	FALSE
0,074	0,304	0,001	0,007	0,077	FALSE
-0,106	0,310	-0,003	0,007	0,150	FALSE
-0,135	0,305	-0,005	0,010	0,194	FALSE
-0,162	0,299	-0,004	0,007	0,236	FALSE
0,065	0,303	0,002	0,009	0,098	FALSE
-0,123	0,311	-0,003	0,008	0,169	FALSE
-0,006	0,304	0,000	0,007	0,005	FALSE
0,037	0,298	0,001	0,012	0,045	FALSE
0,049	0,316	0,001	0,007	0,065	FALSE
-0,091	0,310	-0,003	0,012	0,109	FALSE
0,086	0,301	0,003	0,008	0,129	FALSE
0,009	0,318	0,000	0,013	0,013	FALSE
-0,029	0,313	0,000	0,012	0,014	FALSE
0,086	0,316	0,003	0,008	0,127	FALSE
-0,033	0,306	-0,002	0,007	0,079	FALSE
-0,015	0,291	0,000	0,008	0,011	FALSE
0,018	0,297	0,000	0,010	0,013	FALSE
-0,072	0,299	-0,001	0,007	0,082	FALSE
-0,058	0,313	-0,002	0,007	0,106	FALSE

-0,063	0,295	-0,002	0,010	0,090	FALSE
-0,073	0,308	-0,001	0,007	0,065	FALSE
0,051	0,325	0,001	0,007	0,073	FALSE
0,047	0,299	0,002	0,012	0,050	FALSE
-0,018	0,306	0,000	0,007	0,003	FALSE
-0,031	0,316	-0,001	0,010	0,030	FALSE
0,035	0,311	0,001	0,009	0,048	FALSE
-0,011	0,304	0,000	0,006	0,005	FALSE
0,025	0,317	0,001	0,009	0,054	FALSE
-0,020	0,299	-0,001	0,007	0,043	FALSE
0,066	0,319	0,002	0,007	0,083	FALSE
0,102	0,306	0,004	0,008	0,177	FALSE
0,029	0,320	0,000	0,006	0,021	FALSE
0,072	0,301	0,002	0,007	0,111	FALSE
-0,024	0,301	-0,001	0,006	0,039	FALSE
0,181	0,298	0,005	0,009	0,262	FALSE
0,069	0,309	0,004	0,013	0,109	FALSE
0,109	0,308	0,005	0,013	0,167	FALSE
-0,084	0,314	-0,003	0,012	0,099	FALSE
0,084	0,298	0,003	0,010	0,107	FALSE
-0,033	0,299	-0,001	0,007	0,028	FALSE
-0,015	0,324	-0,001	0,011	0,032	FALSE
-0,047	0,308	-0,001	0,008	0,064	FALSE
0,097	0,308	0,003	0,012	0,099	FALSE
0,113	0,290	0,005	0,012	0,165	FALSE
-0,057	0,301	-0,003	0,012	0,088	FALSE
-0,034	0,303	-0,001	0,008	0,056	FALSE
-0,056	0,308	-0,002	0,006	0,090	FALSE
-0,032	0,297	-0,001	0,007	0,074	FALSE
-0,051	0,308	-0,001	0,006	0,067	FALSE
-0,041	0,308	-0,001	0,006	0,066	FALSE
-0,061	0,315	-0,002	0,007	0,096	FALSE
-0,032	0,313	-0,001	0,009	0,048	FALSE
-0,070	0,305	-0,002	0,007	0,086	FALSE
0,117	0,304	0,002	0,007	0,129	FALSE
0,054	0,299	0,001	0,007	0,034	FALSE
-0,064	0,318	-0,003	0,013	0,102	FALSE
-0,052	0,315	-0,002	0,012	0,054	FALSE
-0,086	0,298	-0,005	0,013	0,148	FALSE
0,003	0,306	0,000	0,008	0,003	FALSE
0,023	0,302	0,001	0,007	0,045	FALSE
-0,076	0,307	-0,002	0,007	0,103	FALSE
0,093	0,298	0,004	0,012	0,112	FALSE
0,045	0,321	0,002	0,012	0,066	FALSE
0,052	0,317	0,002	0,013	0,050	FALSE
0,101	0,312	0,004	0,012	0,139	FALSE
0,079	0,307	0,003	0,012	0,100	FALSE
0,066	0,318	0,003	0,012	0,087	FALSE
0,071	0,306	0,003	0,012	0,093	FALSE
0,096	0,308	0,002	0,007	0,125	FALSE
-0,028	0,305	-0,001	0,007	0,057	FALSE
-0,095	0,305	-0,004	0,013	0,129	FALSE
-0,064	0,301	-0,002	0,011	0,054	FALSE

-0,110	0,321	-0,004	0,012	0,152	FALSE
-0,012	0,301	-0,001	0,011	0,022	FALSE
-0,106	0,297	-0,003	0,007	0,154	FALSE
-0,029	0,306	-0,001	0,009	0,050	FALSE
-0,047	0,308	-0,001	0,007	0,049	FALSE
-0,012	0,317	0,000	0,012	0,007	FALSE
0,019	0,310	0,000	0,010	0,011	FALSE
-0,047	0,322	-0,001	0,008	0,039	FALSE
0,136	0,315	0,004	0,010	0,145	FALSE
0,082	0,302	0,002	0,009	0,090	FALSE
0,020	0,307	0,000	0,009	0,013	FALSE
-0,078	0,293	-0,003	0,012	0,081	FALSE
0,007	0,314	0,000	0,007	0,004	FALSE
-0,130	0,296	-0,005	0,012	0,190	FALSE
-0,076	0,308	-0,002	0,007	0,081	FALSE
0,049	0,311	0,002	0,012	0,051	FALSE
0,050	0,307	0,002	0,013	0,056	FALSE
-0,130	0,320	-0,003	0,009	0,150	FALSE
0,016	0,306	0,001	0,009	0,056	FALSE
-0,021	0,315	-0,001	0,010	0,037	FALSE
0,035	0,317	0,001	0,009	0,043	FALSE
-0,027	0,308	-0,001	0,013	0,030	FALSE
0,042	0,324	0,002	0,009	0,062	FALSE
0,022	0,315	0,001	0,009	0,036	FALSE
0,049	0,307	0,001	0,007	0,062	FALSE
0,042	0,296	0,001	0,012	0,019	FALSE
-0,054	0,300	-0,002	0,008	0,070	FALSE
-0,050	0,307	-0,002	0,011	0,080	FALSE
-0,061	0,318	-0,003	0,012	0,093	FALSE
-0,002	0,318	0,000	0,008	0,007	FALSE
0,141	0,316	0,004	0,010	0,170	FALSE
-0,073	0,317	-0,003	0,012	0,080	FALSE
-0,082	0,306	-0,002	0,008	0,113	FALSE
0,010	0,314	0,000	0,007	0,003	FALSE
-0,081	0,311	-0,004	0,012	0,113	FALSE
-0,003	0,306	0,000	0,009	0,003	FALSE
-0,040	0,307	-0,001	0,007	0,027	FALSE
-0,097	0,307	-0,003	0,012	0,112	FALSE
0,048	0,306	0,002	0,009	0,094	FALSE
0,083	0,303	0,003	0,008	0,153	FALSE
0,042	0,313	0,001	0,010	0,041	FALSE
-0,002	0,303	0,000	0,012	0,011	FALSE
-0,125	0,300	-0,005	0,012	0,192	FALSE
0,083	0,306	0,003	0,010	0,121	FALSE
-0,101	0,318	-0,004	0,012	0,133	FALSE
0,198	0,311	0,005	0,008	0,281	FALSE
0,009	0,309	0,000	0,011	0,003	FALSE
-0,037	0,312	-0,001	0,006	0,042	FALSE
-0,022	0,312	0,000	0,010	0,013	FALSE
0,047	0,302	0,002	0,008	0,071	FALSE
-0,070	0,293	-0,002	0,007	0,093	FALSE
0,061	0,312	0,002	0,012	0,076	FALSE
-0,002	0,298	0,000	0,006	0,015	FALSE

0,065	0,318	0,002	0,007	0,100	FALSE
0,013	0,290	0,000	0,007	0,012	FALSE
0,156	0,307	0,004	0,007	0,214	FALSE
-0,152	0,320	-0,004	0,009	0,199	FALSE
0,090	0,303	0,002	0,008	0,119	FALSE
-0,117	0,304	-0,006	0,013	0,183	FALSE
-0,151	0,307	-0,003	0,007	0,185	FALSE
0,082	0,296	0,004	0,012	0,136	FALSE
-0,013	0,304	-0,001	0,008	0,026	FALSE
-0,045	0,310	-0,002	0,011	0,077	FALSE
0,084	0,304	0,002	0,007	0,126	FALSE
-0,135	0,315	-0,005	0,010	0,193	FALSE
-0,016	0,302	0,000	0,007	0,005	FALSE
-0,086	0,311	-0,003	0,009	0,125	FALSE
-0,033	0,303	-0,001	0,010	0,047	FALSE
0,086	0,299	0,004	0,011	0,148	FALSE
0,047	0,317	0,001	0,008	0,042	FALSE
0,058	0,304	0,003	0,009	0,103	FALSE
0,050	0,312	0,001	0,007	0,047	FALSE
0,051	0,292	0,001	0,007	0,053	FALSE
0,032	0,301	0,001	0,006	0,031	FALSE
-0,013	0,310	-0,001	0,012	0,017	FALSE
0,113	0,315	0,003	0,009	0,144	FALSE
-0,028	0,316	-0,001	0,010	0,018	FALSE
-0,080	0,311	-0,002	0,007	0,121	FALSE
-0,003	0,299	0,000	0,009	0,006	FALSE
0,000	0,299	0,000	0,009	0,015	FALSE
-0,040	0,323	-0,001	0,008	0,027	FALSE
0,035	0,309	0,002	0,010	0,065	FALSE
-0,030	0,302	-0,001	0,009	0,037	FALSE
0,042	0,284	0,002	0,011	0,055	FALSE
0,111	0,303	0,004	0,011	0,161	FALSE
-0,078	0,324	-0,002	0,007	0,090	FALSE
-0,004	0,298	0,000	0,010	0,005	FALSE
-0,072	0,306	-0,002	0,009	0,079	FALSE
-0,035	0,302	-0,001	0,011	0,038	FALSE
0,064	0,293	0,001	0,007	0,066	FALSE
-0,105	0,299	-0,003	0,008	0,159	FALSE
0,124	0,292	0,005	0,012	0,189	FALSE
-0,015	0,296	0,001	0,009	0,033	FALSE
-0,073	0,303	-0,002	0,007	0,097	FALSE
0,001	0,304	-0,001	0,012	0,019	FALSE
0,028	0,290	0,001	0,011	0,038	FALSE
0,102	0,303	0,003	0,007	0,152	FALSE
-0,090	0,297	-0,002	0,007	0,121	FALSE
0,124	0,312	0,003	0,008	0,164	FALSE
-0,001	0,289	0,000	0,009	0,009	FALSE
0,053	0,304	0,003	0,013	0,080	FALSE
-0,003	0,312	0,000	0,008	0,003	FALSE
-0,048	0,312	-0,002	0,013	0,073	FALSE
-0,017	0,309	-0,001	0,012	0,031	FALSE
0,071	0,302	0,003	0,011	0,095	FALSE
0,018	0,306	0,001	0,009	0,025	FALSE

0,068	0,322	0,003	0,012	0,078	FALSE
0,095	0,294	0,005	0,013	0,176	FALSE
-0,049	0,302	-0,002	0,008	0,099	FALSE
-0,090	0,300	-0,005	0,012	0,165	FALSE
-0,078	0,304	-0,005	0,012	0,156	FALSE
-0,106	0,302	-0,005	0,013	0,136	FALSE
-0,012	0,299	-0,001	0,011	0,024	FALSE
-0,003	0,296	0,000	0,011	0,007	FALSE
-0,143	0,309	-0,004	0,010	0,193	FALSE
0,015	0,317	0,000	0,008	0,008	FALSE
0,032	0,297	0,001	0,007	0,027	FALSE
0,029	0,299	0,001	0,008	0,049	FALSE
-0,116	0,316	-0,002	0,007	0,141	FALSE
-0,116	0,313	-0,005	0,012	0,183	FALSE
-0,099	0,315	-0,002	0,006	0,124	FALSE
-0,104	0,320	-0,002	0,006	0,114	FALSE
0,066	0,300	0,003	0,009	0,111	FALSE
0,071	0,299	0,003	0,008	0,130	FALSE
-0,091	0,311	-0,003	0,009	0,140	FALSE
-0,119	0,281	-0,004	0,008	0,189	FALSE
0,132	0,305	0,004	0,008	0,194	FALSE
0,029	0,299	0,001	0,009	0,034	FALSE
0,013	0,308	0,001	0,007	0,030	FALSE
0,043	0,311	0,002	0,009	0,063	FALSE
-0,039	0,308	-0,002	0,012	0,076	FALSE
0,077	0,305	0,002	0,010	0,085	FALSE
-0,044	0,315	-0,001	0,006	0,055	FALSE
0,084	0,313	0,003	0,008	0,137	FALSE
-0,087	0,296	-0,002	0,006	0,109	FALSE
0,016	0,313	0,000	0,012	0,002	FALSE
-0,056	0,308	-0,002	0,011	0,063	FALSE
0,060	0,293	0,002	0,010	0,072	FALSE
-0,029	0,317	-0,001	0,010	0,031	FALSE
-0,003	0,298	0,000	0,011	0,011	FALSE
0,091	0,311	0,004	0,013	0,116	FALSE
-0,090	0,316	-0,005	0,013	0,140	FALSE
-0,148	0,304	-0,003	0,006	0,183	FALSE
0,049	0,315	0,002	0,011	0,065	FALSE
0,037	0,301	0,001	0,009	0,054	FALSE
0,163	0,311	0,003	0,007	0,198	FALSE
-0,085	0,309	-0,002	0,006	0,094	FALSE
0,083	0,315	0,004	0,012	0,128	FALSE
-0,222	0,294	-0,007	0,009	0,348	FALSE
0,039	0,299	0,002	0,012	0,059	FALSE
0,038	0,307	0,001	0,011	0,031	FALSE
-0,094	0,299	-0,003	0,008	0,133	FALSE
0,036	0,303	0,001	0,008	0,039	FALSE
0,038	0,316	0,001	0,009	0,059	FALSE
-0,043	0,321	-0,001	0,013	0,038	FALSE
0,025	0,302	0,001	0,008	0,038	FALSE
-0,010	0,295	0,000	0,011	0,014	FALSE
-0,032	0,295	0,000	0,011	0,006	FALSE
0,029	0,310	0,001	0,006	0,037	FALSE

-0,064	0,301	-0,002	0,008	0,072	FALSE
0,032	0,307	0,001	0,007	0,057	FALSE
-0,057	0,298	-0,002	0,008	0,077	FALSE
-0,044	0,311	-0,001	0,011	0,045	FALSE
0,072	0,297	0,002	0,007	0,133	FALSE
-0,053	0,302	-0,001	0,010	0,041	FALSE
-0,062	0,312	-0,002	0,011	0,073	FALSE
0,045	0,279	0,001	0,008	0,057	FALSE
-0,020	0,310	0,000	0,007	0,009	FALSE
0,044	0,297	0,001	0,007	0,054	FALSE
0,071	0,309	0,001	0,007	0,074	FALSE
0,014	0,308	0,001	0,010	0,026	FALSE
0,001	0,314	-0,001	0,012	0,020	FALSE
-0,070	0,304	-0,002	0,008	0,095	FALSE
0,102	0,306	0,002	0,008	0,118	FALSE
0,024	0,307	0,000	0,010	0,009	FALSE
-0,027	0,305	-0,001	0,010	0,037	FALSE
0,051	0,297	0,002	0,009	0,084	FALSE
-0,068	0,307	-0,002	0,007	0,120	FALSE
0,035	0,309	0,001	0,008	0,058	FALSE
-0,086	0,311	-0,004	0,013	0,134	FALSE
-0,050	0,309	-0,001	0,009	0,042	FALSE
-0,011	0,314	0,000	0,008	0,007	FALSE
-0,042	0,309	-0,001	0,007	0,037	FALSE
-0,104	0,292	-0,003	0,012	0,101	FALSE
-0,050	0,306	-0,001	0,007	0,072	FALSE
0,103	0,301	0,004	0,010	0,150	FALSE
0,089	0,315	0,004	0,012	0,111	FALSE
0,056	0,310	0,001	0,012	0,045	FALSE
0,110	0,313	0,004	0,011	0,168	FALSE
0,135	0,319	0,005	0,010	0,201	FALSE
-0,182	0,304	-0,009	0,013	0,313	FALSE
0,172	0,302	0,006	0,010	0,283	FALSE
0,066	0,306	0,001	0,006	0,086	FALSE
0,017	0,313	0,001	0,009	0,035	FALSE
-0,123	0,321	-0,004	0,010	0,184	FALSE
-0,057	0,312	-0,002	0,009	0,095	FALSE
-0,114	0,302	-0,005	0,012	0,176	FALSE
0,059	0,305	0,002	0,010	0,070	FALSE
0,093	0,308	0,003	0,010	0,123	FALSE
0,226	0,307	0,008	0,010	0,343	FALSE
0,102	0,302	0,003	0,010	0,103	FALSE
0,033	0,307	0,001	0,007	0,077	FALSE
0,034	0,304	0,001	0,007	0,070	FALSE
0,050	0,300	0,002	0,008	0,081	FALSE
0,010	0,313	0,000	0,013	0,004	FALSE
-0,004	0,313	-0,001	0,013	0,023	FALSE
0,159	0,307	0,005	0,009	0,210	FALSE
0,027	0,299	0,001	0,007	0,056	FALSE
0,025	0,299	0,001	0,007	0,027	FALSE
-0,064	0,310	-0,003	0,011	0,103	FALSE
-0,021	0,306	-0,001	0,007	0,030	FALSE
-0,071	0,310	-0,003	0,012	0,099	FALSE

0,077	0,301	0,002	0,010	0,084	FALSE
-0,060	0,307	-0,002	0,009	0,083	FALSE
-0,015	0,317	0,000	0,007	0,004	FALSE
-0,077	0,302	-0,002	0,007	0,116	FALSE
0,044	0,302	0,002	0,011	0,056	FALSE
0,033	0,302	0,001	0,009	0,045	FALSE
-0,149	0,302	-0,003	0,006	0,222	FALSE
0,015	0,298	0,000	0,010	0,007	FALSE
-0,062	0,303	-0,003	0,010	0,115	FALSE
0,019	0,301	0,002	0,013	0,062	FALSE
-0,009	0,303	0,000	0,011	0,010	FALSE
0,035	0,317	0,001	0,012	0,042	FALSE
-0,080	0,324	-0,004	0,013	0,109	FALSE
-0,012	0,306	-0,001	0,008	0,034	FALSE
0,061	0,306	0,002	0,007	0,090	FALSE
-0,019	0,296	-0,001	0,009	0,043	FALSE
0,014	0,303	0,000	0,009	0,004	FALSE
0,023	0,310	0,001	0,006	0,048	FALSE
-0,039	0,318	-0,001	0,010	0,031	FALSE
-0,102	0,299	-0,003	0,007	0,142	FALSE
-0,094	0,313	-0,003	0,009	0,113	FALSE
0,097	0,302	0,003	0,011	0,115	FALSE
0,014	0,308	0,001	0,011	0,019	FALSE
0,028	0,312	0,001	0,009	0,027	FALSE
0,089	0,319	0,002	0,009	0,100	FALSE
-0,044	0,306	-0,002	0,013	0,063	FALSE
0,112	0,306	0,004	0,010	0,162	FALSE
-0,115	0,317	-0,004	0,010	0,142	FALSE
-0,040	0,303	-0,002	0,012	0,058	FALSE
-0,116	0,302	-0,004	0,011	0,162	FALSE
-0,076	0,310	-0,003	0,011	0,110	FALSE
-0,026	0,314	-0,001	0,009	0,034	FALSE
0,033	0,308	0,001	0,007	0,050	FALSE
-0,078	0,301	-0,001	0,007	0,077	FALSE
0,003	0,290	0,001	0,010	0,050	FALSE
0,070	0,316	0,001	0,007	0,055	FALSE
0,070	0,287	0,003	0,011	0,115	FALSE
-0,013	0,315	-0,001	0,008	0,031	FALSE
0,032	0,303	0,002	0,011	0,056	FALSE
0,044	0,312	0,002	0,012	0,070	FALSE
-0,071	0,301	-0,004	0,012	0,116	FALSE
0,023	0,295	0,001	0,007	0,044	FALSE
-0,031	0,306	0,000	0,007	0,017	FALSE
-0,021	0,310	0,000	0,007	0,010	FALSE
0,123	0,311	0,004	0,009	0,207	FALSE
0,080	0,310	0,003	0,009	0,141	FALSE
0,001	0,312	0,001	0,012	0,023	FALSE
-0,013	0,303	0,000	0,011	0,005	FALSE
-0,111	0,301	-0,005	0,013	0,152	FALSE
0,145	0,311	0,004	0,009	0,195	FALSE
-0,138	0,291	-0,006	0,012	0,196	FALSE
-0,002	0,311	-0,001	0,013	0,014	FALSE
-0,034	0,317	-0,001	0,012	0,034	FALSE

0,021	0,300	0,001	0,013	0,040	FALSE
0,022	0,312	0,001	0,008	0,035	FALSE
-0,019	0,296	-0,002	0,012	0,064	FALSE
0,003	0,297	-0,001	0,013	0,016	FALSE
0,007	0,311	0,001	0,012	0,019	FALSE
0,033	0,298	0,001	0,008	0,053	FALSE
-0,018	0,325	-0,001	0,012	0,030	FALSE
0,039	0,304	0,001	0,013	0,037	FALSE
0,018	0,302	0,000	0,013	0,005	FALSE
0,044	0,314	0,002	0,007	0,106	FALSE
-0,080	0,305	-0,002	0,007	0,117	FALSE
0,201	0,300	0,005	0,008	0,303	FALSE
0,250	0,291	0,007	0,008	0,396	FALSE
0,192	0,303	0,005	0,008	0,283	TRUE
0,091	0,304	0,004	0,012	0,128	FALSE
0,185	0,304	0,005	0,008	0,252	FALSE
-0,074	0,306	-0,003	0,010	0,122	FALSE
0,076	0,302	0,003	0,009	0,120	FALSE
-0,045	0,311	-0,001	0,011	0,032	FALSE
0,065	0,298	0,001	0,008	0,066	FALSE
-0,061	0,293	-0,002	0,010	0,067	FALSE
0,166	0,306	0,006	0,012	0,215	FALSE
0,133	0,313	0,004	0,010	0,167	FALSE
-0,082	0,293	-0,003	0,013	0,096	FALSE
0,059	0,306	0,002	0,008	0,099	FALSE
-0,164	0,290	-0,006	0,010	0,234	FALSE
0,085	0,298	0,002	0,011	0,077	FALSE
-0,056	0,307	-0,002	0,007	0,100	FALSE
-0,064	0,312	-0,002	0,012	0,068	FALSE
0,023	0,313	0,001	0,007	0,045	FALSE
0,016	0,296	0,000	0,007	0,016	FALSE
-0,050	0,310	-0,001	0,008	0,070	FALSE
-0,028	0,314	-0,001	0,008	0,032	FALSE
0,136	0,297	0,003	0,007	0,182	FALSE
0,026	0,304	0,001	0,012	0,034	FALSE
-0,128	0,319	-0,003	0,007	0,143	FALSE
-0,013	0,319	0,000	0,011	0,012	FALSE
0,037	0,308	0,001	0,008	0,048	FALSE
-0,005	0,326	0,000	0,010	0,003	FALSE
-0,025	0,310	-0,001	0,009	0,022	FALSE
-0,041	0,317	-0,001	0,007	0,039	FALSE
0,052	0,307	0,001	0,008	0,050	FALSE
0,074	0,317	0,003	0,012	0,091	FALSE
0,051	0,298	0,002	0,012	0,054	FALSE
0,038	0,330	0,002	0,010	0,061	FALSE
-0,020	0,312	0,000	0,009	0,005	FALSE
0,096	0,305	0,003	0,008	0,124	FALSE
0,054	0,293	0,002	0,012	0,070	FALSE
-0,072	0,308	-0,003	0,011	0,113	FALSE
-0,061	0,317	-0,003	0,012	0,086	FALSE
0,003	0,295	0,000	0,008	0,012	FALSE
0,012	0,298	0,000	0,008	0,020	FALSE
0,059	0,304	0,002	0,007	0,086	FALSE

0,016	0,306	0,002	0,011	0,057	FALSE
-0,048	0,319	-0,001	0,007	0,054	FALSE
0,040	0,305	0,001	0,006	0,068	FALSE
0,064	0,311	0,002	0,012	0,067	FALSE
0,005	0,308	0,000	0,013	0,013	FALSE
-0,076	0,317	-0,002	0,007	0,089	FALSE
-0,007	0,308	0,000	0,008	0,016	FALSE
-0,010	0,283	0,000	0,012	0,011	FALSE
-0,030	0,315	0,000	0,007	0,015	FALSE
0,015	0,295	0,001	0,011	0,023	FALSE
-0,049	0,317	-0,003	0,012	0,090	FALSE
0,001	0,298	0,000	0,007	0,008	FALSE
0,077	0,297	0,002	0,007	0,097	FALSE
-0,150	0,306	-0,004	0,008	0,218	FALSE
-0,119	0,299	-0,004	0,009	0,180	FALSE
-0,117	0,298	-0,002	0,006	0,161	FALSE
0,073	0,302	0,002	0,006	0,114	FALSE
0,108	0,309	0,004	0,012	0,137	FALSE
-0,045	0,310	-0,001	0,011	0,036	FALSE
0,033	0,312	0,001	0,006	0,033	FALSE
-0,017	0,312	-0,001	0,008	0,038	FALSE
0,043	0,311	0,002	0,010	0,079	FALSE
-0,003	0,305	0,000	0,012	0,001	FALSE
-0,007	0,306	-0,001	0,010	0,029	FALSE
-0,042	0,288	-0,001	0,010	0,022	FALSE
-0,004	0,311	0,000	0,008	0,001	FALSE
0,104	0,313	0,003	0,007	0,160	FALSE
0,013	0,296	0,000	0,007	0,011	FALSE
-0,059	0,310	-0,001	0,007	0,056	FALSE
-0,010	0,299	0,000	0,006	0,025	FALSE
0,035	0,306	0,001	0,007	0,054	FALSE
-0,064	0,294	-0,002	0,010	0,086	FALSE
0,012	0,305	0,001	0,007	0,030	FALSE
0,062	0,308	0,001	0,008	0,065	FALSE
0,016	0,297	0,001	0,008	0,030	FALSE
0,050	0,298	0,001	0,007	0,051	FALSE
-0,012	0,311	-0,001	0,009	0,021	FALSE
-0,002	0,308	0,000	0,009	0,008	FALSE
-0,003	0,273	0,000	0,008	0,001	FALSE
0,040	0,301	0,002	0,013	0,044	FALSE
0,004	0,310	0,000	0,007	0,005	FALSE
-0,102	0,313	-0,003	0,008	0,144	FALSE
0,099	0,305	0,004	0,010	0,150	FALSE
-0,030	0,314	-0,001	0,009	0,041	FALSE
-0,109	0,292	-0,004	0,010	0,172	FALSE
-0,083	0,305	-0,004	0,011	0,124	FALSE
0,004	0,317	0,001	0,009	0,037	FALSE
-0,027	0,306	0,000	0,010	0,002	FALSE
-0,095	0,312	-0,002	0,007	0,117	FALSE
0,032	0,319	0,001	0,010	0,056	FALSE
-0,033	0,289	-0,001	0,012	0,021	FALSE
-0,024	0,310	0,000	0,013	0,003	FALSE
0,072	0,307	0,003	0,008	0,138	FALSE

0,125	0,303	0,002	0,007	0,139	FALSE
0,041	0,306	0,001	0,008	0,041	FALSE
0,068	0,312	0,002	0,009	0,094	FALSE
0,048	0,316	0,003	0,012	0,090	FALSE
-0,030	0,319	-0,002	0,012	0,045	FALSE
0,108	0,307	0,004	0,011	0,162	FALSE
0,127	0,295	0,003	0,007	0,159	FALSE
0,035	0,316	0,001	0,010	0,037	FALSE
0,009	0,320	0,000	0,011	0,005	FALSE
-0,035	0,304	-0,001	0,010	0,048	FALSE
0,065	0,310	0,004	0,012	0,114	FALSE
-0,014	0,319	0,000	0,010	0,013	FALSE
0,001	0,299	0,000	0,010	0,004	FALSE
-0,010	0,314	0,000	0,010	0,008	FALSE
0,033	0,311	0,002	0,012	0,065	FALSE
0,069	0,304	0,003	0,011	0,096	FALSE
0,010	0,327	0,000	0,007	0,011	FALSE
0,006	0,313	0,000	0,009	0,002	FALSE
0,129	0,300	0,003	0,006	0,171	FALSE
-0,076	0,325	-0,002	0,009	0,088	FALSE
0,013	0,316	-0,001	0,012	0,015	FALSE
-0,110	0,306	-0,003	0,008	0,167	FALSE
-0,008	0,314	0,000	0,008	0,021	FALSE
0,017	0,299	0,000	0,010	0,011	FALSE
-0,038	0,319	-0,001	0,006	0,053	FALSE
-0,106	0,308	-0,003	0,009	0,126	FALSE
0,140	0,285	0,005	0,009	0,218	FALSE
0,113	0,294	0,003	0,009	0,147	FALSE
-0,014	0,320	-0,001	0,012	0,037	FALSE
-0,058	0,298	-0,002	0,007	0,085	FALSE
-0,072	0,306	-0,002	0,008	0,102	FALSE
-0,027	0,300	-0,001	0,007	0,034	FALSE
-0,002	0,304	0,000	0,006	0,023	FALSE
-0,116	0,311	-0,004	0,011	0,162	FALSE
0,021	0,318	0,002	0,013	0,042	FALSE
-0,023	0,324	-0,001	0,013	0,040	FALSE
0,027	0,304	0,001	0,012	0,023	FALSE
0,068	0,307	0,002	0,007	0,105	FALSE
-0,043	0,303	-0,002	0,013	0,058	FALSE
0,035	0,296	0,001	0,007	0,073	FALSE
0,020	0,312	0,000	0,007	0,004	FALSE
0,119	0,307	0,003	0,008	0,154	FALSE
0,118	0,317	0,003	0,008	0,153	FALSE
0,105	0,302	0,006	0,013	0,184	FALSE
-0,035	0,312	-0,001	0,010	0,032	FALSE
0,009	0,300	0,001	0,010	0,031	FALSE
-0,107	0,316	-0,002	0,006	0,144	FALSE
0,004	0,309	0,000	0,010	0,012	FALSE
0,116	0,316	0,003	0,007	0,152	FALSE
0,090	0,314	0,002	0,007	0,094	FALSE
0,023	0,298	0,000	0,013	0,006	FALSE
-0,020	0,303	-0,001	0,012	0,017	FALSE
-0,045	0,320	-0,001	0,008	0,048	FALSE

-0,144	0,292	-0,006	0,012	0,216	FALSE
0,029	0,314	0,001	0,009	0,040	FALSE
-0,163	0,306	-0,004	0,007	0,243	FALSE
0,084	0,305	0,003	0,010	0,109	FALSE
-0,114	0,307	-0,003	0,008	0,140	FALSE
-0,105	0,312	-0,004	0,013	0,135	FALSE
0,020	0,308	0,001	0,010	0,026	FALSE
0,020	0,314	0,000	0,007	0,016	FALSE
0,021	0,296	0,001	0,007	0,066	FALSE
0,045	0,299	0,003	0,013	0,080	FALSE
-0,056	0,308	-0,002	0,009	0,061	FALSE
0,085	0,304	0,003	0,010	0,101	FALSE
0,063	0,299	0,001	0,010	0,055	FALSE
0,140	0,312	0,005	0,009	0,204	FALSE
0,065	0,299	0,002	0,006	0,095	FALSE
-0,048	0,317	-0,002	0,010	0,057	FALSE
0,047	0,305	0,002	0,012	0,051	FALSE
0,045	0,308	0,001	0,007	0,038	FALSE
-0,131	0,294	-0,005	0,009	0,242	FALSE
-0,163	0,295	-0,007	0,010	0,303	FALSE
0,102	0,318	0,003	0,010	0,132	FALSE
0,022	0,304	0,000	0,012	0,008	FALSE
-0,061	0,313	-0,002	0,009	0,093	FALSE
0,109	0,284	0,005	0,011	0,164	FALSE
-0,063	0,307	-0,001	0,007	0,050	FALSE
-0,066	0,317	-0,002	0,012	0,069	FALSE
-0,013	0,303	0,000	0,008	0,013	FALSE
-0,049	0,291	-0,001	0,008	0,057	FALSE
-0,062	0,294	-0,002	0,009	0,078	FALSE
0,000	0,286	0,000	0,011	0,008	FALSE
-0,096	0,316	-0,005	0,013	0,141	FALSE
-0,116	0,309	-0,005	0,012	0,168	FALSE
-0,058	0,312	-0,002	0,012	0,076	FALSE
-0,033	0,301	-0,001	0,008	0,070	FALSE
-0,053	0,306	-0,002	0,007	0,094	FALSE
0,173	0,298	0,007	0,011	0,251	FALSE
0,102	0,307	0,003	0,009	0,118	FALSE
0,105	0,308	0,004	0,011	0,150	FALSE
0,118	0,310	0,003	0,007	0,194	FALSE
-0,076	0,310	-0,002	0,009	0,101	FALSE
0,113	0,306	0,004	0,010	0,158	FALSE
-0,074	0,301	-0,002	0,007	0,104	FALSE
-0,027	0,303	-0,001	0,007	0,046	FALSE
-0,099	0,293	-0,002	0,007	0,123	FALSE
-0,025	0,323	0,000	0,007	0,007	FALSE
-0,056	0,300	-0,001	0,007	0,048	FALSE
-0,069	0,309	-0,001	0,007	0,057	FALSE
0,010	0,298	0,001	0,008	0,031	FALSE
0,080	0,296	0,004	0,012	0,127	FALSE
-0,030	0,308	-0,002	0,012	0,057	FALSE
-0,006	0,309	0,001	0,008	0,031	FALSE
0,070	0,297	0,003	0,009	0,121	FALSE
-0,009	0,321	-0,001	0,012	0,019	FALSE

-0,112	0,297	-0,002	0,007	0,126	FALSE
-0,129	0,297	-0,003	0,007	0,158	FALSE
0,024	0,309	0,001	0,007	0,032	FALSE
-0,005	0,315	-0,001	0,011	0,028	FALSE
-0,138	0,296	-0,006	0,011	0,238	FALSE
-0,192	0,299	-0,005	0,007	0,289	FALSE
-0,067	0,312	-0,002	0,007	0,098	FALSE
-0,082	0,311	-0,003	0,010	0,101	FALSE
0,143	0,299	0,005	0,011	0,205	FALSE
-0,087	0,303	-0,003	0,009	0,131	FALSE
0,066	0,302	0,003	0,009	0,120	FALSE
-0,121	0,301	-0,003	0,007	0,148	FALSE
-0,111	0,312	-0,002	0,007	0,134	FALSE
0,007	0,316	0,000	0,011	0,003	FALSE
0,000	0,308	0,000	0,012	0,011	FALSE
-0,057	0,304	-0,001	0,007	0,032	FALSE
0,079	0,290	0,002	0,007	0,115	FALSE
-0,017	0,307	0,000	0,010	0,014	FALSE
-0,044	0,303	-0,001	0,010	0,044	FALSE
-0,002	0,315	0,000	0,006	0,009	FALSE
0,152	0,305	0,004	0,008	0,223	FALSE
0,006	0,322	0,000	0,007	0,002	FALSE
0,007	0,319	0,000	0,007	0,007	FALSE
0,115	0,289	0,002	0,007	0,136	FALSE
0,145	0,312	0,005	0,011	0,198	FALSE
0,126	0,299	0,004	0,010	0,163	FALSE
0,111	0,317	0,003	0,007	0,154	FALSE
0,023	0,313	0,001	0,006	0,046	FALSE
0,035	0,316	0,001	0,009	0,043	FALSE
0,057	0,296	0,002	0,011	0,055	FALSE
0,037	0,316	0,001	0,009	0,057	FALSE
0,032	0,306	0,001	0,007	0,035	FALSE
0,093	0,304	0,002	0,009	0,109	FALSE
0,032	0,303	0,001	0,008	0,046	FALSE
0,039	0,303	0,001	0,013	0,021	FALSE
0,004	0,313	0,000	0,011	0,012	FALSE
0,069	0,306	0,003	0,013	0,096	FALSE
0,005	0,298	0,001	0,007	0,035	FALSE
0,046	0,308	0,001	0,007	0,071	FALSE
0,058	0,313	0,002	0,010	0,088	FALSE
0,040	0,318	0,001	0,010	0,024	FALSE
0,104	0,295	0,004	0,011	0,129	FALSE
0,046	0,299	0,002	0,012	0,054	FALSE
0,013	0,319	0,001	0,008	0,025	FALSE
0,095	0,302	0,004	0,012	0,141	FALSE
-0,128	0,313	-0,005	0,011	0,188	FALSE
0,173	0,288	0,005	0,008	0,284	FALSE
-0,100	0,289	-0,003	0,010	0,145	FALSE
-0,017	0,315	-0,001	0,010	0,032	FALSE
-0,126	0,306	-0,005	0,013	0,166	FALSE
0,016	0,324	0,000	0,008	0,020	FALSE
0,036	0,312	0,001	0,008	0,027	FALSE
-0,048	0,313	-0,002	0,012	0,050	FALSE

-0,018	0,310	-0,001	0,013	0,018	FALSE
-0,037	0,303	-0,001	0,011	0,040	FALSE
0,069	0,310	0,002	0,009	0,081	FALSE
-0,156	0,315	-0,003	0,007	0,204	FALSE
-0,050	0,315	-0,001	0,008	0,061	FALSE
-0,043	0,312	-0,001	0,011	0,047	FALSE
-0,089	0,315	-0,003	0,011	0,111	FALSE
0,038	0,293	0,001	0,012	0,019	FALSE
0,123	0,306	0,003	0,008	0,131	FALSE
0,108	0,307	0,002	0,006	0,138	FALSE
-0,034	0,305	-0,001	0,006	0,043	FALSE
-0,013	0,298	0,000	0,009	0,006	FALSE
-0,048	0,309	-0,001	0,009	0,058	FALSE
0,099	0,322	0,002	0,009	0,113	FALSE
-0,111	0,315	-0,003	0,006	0,165	FALSE
0,016	0,291	0,000	0,010	0,010	FALSE
0,089	0,300	0,002	0,008	0,117	FALSE
0,009	0,311	0,001	0,010	0,047	FALSE
0,084	0,312	0,002	0,008	0,096	FALSE
0,157	0,295	0,003	0,008	0,183	FALSE
-0,039	0,297	-0,001	0,007	0,054	FALSE
0,000	0,307	0,000	0,012	0,003	FALSE
0,133	0,316	0,003	0,008	0,152	FALSE
0,033	0,309	0,001	0,013	0,041	FALSE
0,081	0,314	0,003	0,009	0,136	FALSE
0,027	0,308	0,001	0,013	0,031	FALSE
0,045	0,313	0,002	0,013	0,047	FALSE
0,053	0,307	0,002	0,013	0,070	FALSE
0,156	0,295	0,007	0,013	0,227	FALSE
0,139	0,308	0,006	0,013	0,198	FALSE
0,136	0,301	0,003	0,007	0,165	FALSE
-0,208	0,290	-0,009	0,012	0,353	FALSE
-0,252	0,302	-0,011	0,012	0,418	FALSE
-0,073	0,318	-0,003	0,012	0,084	FALSE
-0,016	0,314	0,000	0,009	0,007	FALSE
-0,108	0,306	-0,005	0,012	0,168	FALSE
0,000	0,303	0,000	0,007	0,009	FALSE
0,003	0,306	0,000	0,007	0,005	FALSE
-0,064	0,300	-0,003	0,013	0,093	FALSE
-0,051	0,300	-0,002	0,013	0,067	FALSE
0,008	0,303	0,000	0,007	0,008	FALSE
0,136	0,316	0,005	0,010	0,210	FALSE
0,028	0,318	0,000	0,006	0,028	FALSE
-0,076	0,308	-0,002	0,012	0,064	FALSE
-0,025	0,298	-0,003	0,012	0,076	FALSE
-0,102	0,305	-0,004	0,010	0,149	FALSE
-0,044	0,304	-0,002	0,012	0,066	FALSE
0,028	0,309	0,000	0,011	0,014	FALSE
-0,075	0,311	-0,003	0,011	0,103	FALSE
-0,042	0,294	-0,002	0,012	0,076	FALSE
0,043	0,305	0,000	0,007	0,022	FALSE
0,078	0,307	0,002	0,008	0,090	FALSE
0,079	0,313	0,002	0,008	0,109	FALSE

-0,067	0,304	-0,003	0,011	0,117	FALSE
0,038	0,301	0,001	0,011	0,030	FALSE
-0,006	0,321	0,000	0,011	0,004	FALSE
-0,039	0,298	-0,002	0,013	0,065	FALSE
-0,012	0,312	0,000	0,010	0,014	FALSE
-0,141	0,293	-0,004	0,008	0,219	FALSE
0,066	0,314	0,002	0,008	0,085	FALSE
-0,188	0,305	-0,008	0,013	0,264	FALSE
0,021	0,306	0,001	0,011	0,032	FALSE
-0,030	0,300	0,000	0,007	0,006	FALSE
-0,032	0,290	-0,001	0,011	0,032	FALSE
-0,183	0,304	-0,004	0,007	0,254	FALSE
0,011	0,297	0,000	0,010	0,005	FALSE
-0,142	0,283	-0,004	0,007	0,218	FALSE
-0,052	0,313	-0,001	0,008	0,044	FALSE
-0,118	0,297	-0,004	0,008	0,182	FALSE
-0,095	0,308	-0,003	0,009	0,149	FALSE
-0,124	0,315	-0,003	0,008	0,155	FALSE
0,027	0,313	0,001	0,012	0,039	FALSE
-0,094	0,314	-0,004	0,010	0,137	FALSE
0,191	0,299	0,005	0,009	0,281	FALSE
-0,088	0,311	-0,002	0,007	0,114	FALSE
0,082	0,296	0,003	0,012	0,095	FALSE
-0,078	0,293	-0,003	0,011	0,094	FALSE
0,107	0,311	0,003	0,008	0,150	FALSE
-0,105	0,298	-0,002	0,007	0,116	FALSE
-0,123	0,291	-0,003	0,006	0,170	FALSE
-0,047	0,302	-0,002	0,008	0,089	FALSE
-0,122	0,292	-0,004	0,009	0,164	FALSE
-0,087	0,299	-0,003	0,012	0,101	FALSE
0,046	0,298	0,003	0,008	0,140	FALSE
-0,003	0,300	0,000	0,009	0,001	FALSE
0,152	0,301	0,004	0,007	0,224	FALSE
0,195	0,302	0,005	0,008	0,290	FALSE
0,192	0,300	0,005	0,008	0,280	FALSE
0,116	0,297	0,005	0,011	0,180	FALSE
-0,007	0,304	-0,001	0,009	0,029	FALSE
-0,202	0,297	-0,008	0,010	0,339	FALSE
0,097	0,304	0,003	0,010	0,101	FALSE
-0,003	0,318	0,000	0,008	0,013	FALSE
0,033	0,299	0,000	0,006	0,004	FALSE
-0,036	0,306	0,000	0,007	0,016	FALSE
0,133	0,297	0,003	0,007	0,181	FALSE
0,045	0,306	0,001	0,010	0,043	FALSE
0,011	0,308	0,000	0,007	0,024	FALSE
-0,089	0,325	-0,004	0,013	0,110	FALSE
-0,016	0,306	0,000	0,009	0,019	FALSE
-0,028	0,318	-0,001	0,010	0,039	FALSE
0,032	0,303	0,001	0,007	0,045	FALSE
-0,109	0,307	-0,005	0,012	0,152	FALSE
0,024	0,309	0,002	0,010	0,055	FALSE
0,021	0,290	0,001	0,007	0,048	FALSE
-0,145	0,302	-0,006	0,012	0,210	FALSE

-0,056	0,311	-0,002	0,011	0,071	FALSE
-0,147	0,308	-0,004	0,009	0,190	FALSE
0,055	0,306	0,002	0,012	0,078	FALSE
-0,132	0,306	-0,004	0,011	0,166	FALSE
0,065	0,308	0,003	0,012	0,110	FALSE
0,110	0,314	0,005	0,013	0,146	FALSE
0,049	0,319	0,001	0,006	0,068	FALSE
0,065	0,306	0,002	0,010	0,061	FALSE
0,058	0,300	0,002	0,011	0,067	FALSE
0,037	0,315	0,001	0,006	0,079	FALSE
0,036	0,301	0,001	0,008	0,024	FALSE
-0,052	0,305	-0,002	0,010	0,058	FALSE
0,050	0,311	0,002	0,011	0,065	FALSE
0,047	0,314	0,001	0,011	0,046	FALSE
0,129	0,299	0,003	0,006	0,204	FALSE
0,017	0,313	0,001	0,011	0,021	FALSE
-0,064	0,313	-0,003	0,011	0,100	FALSE
0,040	0,312	0,001	0,009	0,034	FALSE
-0,002	0,309	0,000	0,007	0,006	FALSE
-0,143	0,284	-0,005	0,010	0,218	FALSE
0,071	0,299	0,002	0,013	0,068	FALSE
-0,044	0,294	-0,002	0,011	0,068	FALSE
0,064	0,318	0,001	0,007	0,073	FALSE
-0,017	0,305	-0,001	0,012	0,037	FALSE
0,057	0,316	0,003	0,013	0,086	FALSE
-0,031	0,311	-0,002	0,013	0,050	FALSE
-0,022	0,289	-0,001	0,012	0,044	FALSE
-0,006	0,319	-0,001	0,013	0,025	FALSE
-0,020	0,316	-0,001	0,010	0,039	FALSE
0,054	0,308	0,001	0,007	0,038	FALSE
-0,020	0,301	-0,001	0,007	0,055	FALSE
-0,059	0,291	-0,001	0,007	0,036	FALSE
0,116	0,312	0,004	0,010	0,151	FALSE
0,008	0,307	0,000	0,007	0,002	FALSE
0,093	0,310	0,004	0,012	0,130	FALSE
-0,058	0,303	-0,002	0,009	0,090	FALSE
0,106	0,316	0,004	0,012	0,130	FALSE
-0,062	0,293	-0,002	0,011	0,065	FALSE
-0,113	0,299	-0,004	0,010	0,163	FALSE
-0,113	0,294	-0,004	0,008	0,183	FALSE
0,125	0,307	0,006	0,010	0,230	FALSE
-0,096	0,306	-0,003	0,010	0,134	FALSE
0,087	0,306	0,002	0,007	0,112	FALSE
-0,080	0,306	-0,003	0,009	0,115	FALSE
-0,043	0,311	0,000	0,008	0,018	FALSE
-0,056	0,311	-0,001	0,009	0,047	FALSE
-0,003	0,298	0,001	0,010	0,029	FALSE
0,097	0,318	0,003	0,010	0,118	FALSE
-0,080	0,312	-0,002	0,010	0,096	FALSE
0,013	0,324	0,000	0,008	0,013	FALSE
-0,081	0,317	-0,004	0,012	0,120	FALSE
-0,011	0,316	0,000	0,011	0,016	FALSE
0,077	0,304	0,002	0,008	0,080	FALSE

-0,063	0,324	-0,002	0,011	0,074	FALSE
0,055	0,302	0,002	0,012	0,055	FALSE
0,074	0,287	0,003	0,011	0,098	FALSE
-0,012	0,292	-0,001	0,012	0,036	FALSE
0,023	0,315	0,001	0,009	0,039	FALSE
-0,020	0,314	-0,001	0,013	0,043	FALSE
0,069	0,287	0,001	0,010	0,051	FALSE
0,076	0,292	0,002	0,010	0,077	FALSE
-0,073	0,318	-0,004	0,012	0,120	FALSE
0,078	0,303	0,002	0,006	0,113	FALSE
0,142	0,296	0,006	0,013	0,199	FALSE
-0,150	0,308	-0,004	0,010	0,186	FALSE
0,009	0,302	0,000	0,007	0,002	FALSE
-0,039	0,306	-0,001	0,011	0,029	FALSE
0,042	0,316	0,002	0,012	0,049	FALSE
0,037	0,315	0,001	0,010	0,045	FALSE
0,097	0,286	0,002	0,007	0,146	FALSE
-0,081	0,311	-0,002	0,007	0,092	FALSE
0,101	0,295	0,003	0,010	0,127	FALSE
-0,078	0,298	-0,001	0,006	0,072	FALSE
-0,012	0,302	-0,001	0,013	0,029	FALSE
0,041	0,305	0,001	0,007	0,037	FALSE
0,076	0,302	0,003	0,011	0,091	FALSE
0,042	0,315	0,001	0,010	0,037	FALSE
-0,004	0,310	0,000	0,007	0,006	FALSE
-0,038	0,320	0,000	0,007	0,015	FALSE
-0,128	0,303	-0,003	0,009	0,154	FALSE
0,024	0,309	0,001	0,009	0,031	FALSE
-0,060	0,309	-0,002	0,008	0,084	FALSE
-0,049	0,298	-0,001	0,007	0,063	FALSE
-0,014	0,294	0,000	0,006	0,016	FALSE
0,008	0,311	0,000	0,007	0,001	FALSE
-0,174	0,294	-0,006	0,011	0,240	FALSE
0,011	0,301	0,000	0,007	0,006	FALSE
0,090	0,300	0,003	0,010	0,110	FALSE
-0,014	0,304	-0,001	0,009	0,026	FALSE
0,092	0,303	0,003	0,012	0,097	FALSE
0,098	0,302	0,005	0,013	0,161	FALSE
0,096	0,306	0,004	0,011	0,160	FALSE
-0,160	0,299	-0,008	0,013	0,278	FALSE
-0,203	0,279	-0,011	0,012	0,424	FALSE
0,065	0,314	0,002	0,012	0,074	FALSE
0,048	0,310	0,002	0,012	0,050	FALSE
-0,163	0,305	-0,008	0,013	0,270	FALSE
-0,211	0,288	-0,010	0,012	0,403	FALSE
0,198	0,309	0,006	0,009	0,303	FALSE
-0,055	0,291	-0,003	0,012	0,082	FALSE
-0,040	0,297	-0,002	0,013	0,073	FALSE
0,050	0,309	0,001	0,007	0,071	FALSE
-0,052	0,306	-0,001	0,006	0,061	FALSE
-0,001	0,304	0,000	0,006	0,001	FALSE
0,087	0,312	0,002	0,008	0,119	FALSE
-0,045	0,297	-0,002	0,011	0,061	FALSE

-0,053	0,296	-0,002	0,008	0,095	FALSE
0,036	0,307	0,002	0,010	0,069	FALSE
-0,076	0,307	-0,002	0,009	0,089	FALSE
-0,023	0,313	-0,001	0,009	0,055	FALSE
-0,028	0,291	0,000	0,009	0,003	FALSE
-0,021	0,302	-0,001	0,009	0,046	FALSE
0,028	0,306	0,001	0,009	0,041	FALSE
-0,046	0,292	-0,001	0,007	0,076	FALSE
-0,013	0,318	-0,001	0,007	0,041	FALSE
-0,006	0,311	0,000	0,012	0,004	FALSE
-0,003	0,314	0,000	0,013	0,003	FALSE
0,007	0,300	0,001	0,012	0,017	FALSE
-0,086	0,302	-0,004	0,012	0,125	FALSE
0,034	0,303	0,001	0,011	0,042	FALSE
-0,061	0,304	-0,001	0,008	0,070	FALSE
0,031	0,300	0,001	0,007	0,050	FALSE
-0,001	0,308	0,000	0,011	0,010	FALSE
-0,062	0,298	-0,002	0,008	0,108	FALSE
0,088	0,307	0,003	0,011	0,109	FALSE
0,026	0,310	0,000	0,010	0,015	FALSE
0,071	0,312	0,002	0,008	0,079	FALSE
0,021	0,297	0,001	0,012	0,032	FALSE
0,002	0,305	-0,001	0,008	0,031	FALSE
-0,022	0,315	0,000	0,008	0,016	FALSE
0,032	0,315	0,001	0,011	0,044	FALSE
-0,088	0,306	-0,004	0,012	0,131	FALSE
0,033	0,307	0,000	0,007	0,020	FALSE
-0,028	0,307	-0,001	0,011	0,036	FALSE
-0,025	0,315	-0,001	0,012	0,031	FALSE
0,043	0,315	0,002	0,009	0,065	FALSE
-0,090	0,297	-0,004	0,011	0,134	FALSE
-0,011	0,307	0,000	0,007	0,007	FALSE
0,076	0,315	0,002	0,006	0,098	FALSE
0,229	0,303	0,010	0,013	0,339	FALSE
-0,035	0,299	-0,001	0,012	0,034	FALSE
-0,073	0,301	-0,002	0,007	0,135	FALSE
0,063	0,307	0,003	0,013	0,077	FALSE
-0,135	0,292	-0,006	0,011	0,212	FALSE
0,043	0,310	0,002	0,008	0,091	FALSE
-0,006	0,315	0,000	0,012	0,010	FALSE
0,018	0,315	0,000	0,009	0,015	FALSE
-0,006	0,305	-0,001	0,007	0,026	FALSE
0,116	0,304	0,004	0,012	0,118	FALSE
0,052	0,314	0,002	0,009	0,071	FALSE
0,063	0,306	0,003	0,011	0,084	FALSE
-0,093	0,307	-0,003	0,010	0,101	FALSE
-0,074	0,306	-0,002	0,009	0,068	FALSE
-0,071	0,309	-0,002	0,008	0,092	FALSE
0,004	0,292	0,000	0,011	0,002	FALSE
-0,035	0,312	-0,001	0,011	0,034	FALSE
0,018	0,315	0,001	0,010	0,045	FALSE
0,052	0,309	0,001	0,007	0,063	FALSE
-0,003	0,311	0,000	0,011	0,010	FALSE

0,026	0,329	0,001	0,011	0,021	FALSE
0,079	0,303	0,002	0,008	0,090	FALSE
-0,027	0,305	-0,001	0,012	0,041	FALSE
0,046	0,312	0,002	0,013	0,056	FALSE
0,022	0,313	0,001	0,010	0,028	FALSE
-0,036	0,301	-0,001	0,007	0,030	FALSE
-0,062	0,298	-0,002	0,006	0,109	FALSE
0,031	0,301	0,000	0,013	0,005	FALSE
0,059	0,312	0,001	0,013	0,033	FALSE
0,034	0,294	0,000	0,012	0,001	FALSE
0,057	0,299	0,002	0,008	0,075	FALSE
0,128	0,307	0,004	0,009	0,177	FALSE
-0,031	0,302	-0,001	0,009	0,042	FALSE
0,000	0,304	0,000	0,012	0,004	FALSE
-0,031	0,312	-0,001	0,012	0,023	FALSE
0,009	0,312	0,001	0,011	0,034	FALSE
0,001	0,317	0,000	0,009	0,005	FALSE
0,038	0,304	0,001	0,009	0,062	FALSE
0,157	0,313	0,004	0,008	0,192	FALSE
0,004	0,319	0,000	0,012	0,000	FALSE
0,096	0,293	0,004	0,010	0,167	FALSE
0,115	0,309	0,003	0,008	0,134	FALSE
0,038	0,317	0,002	0,013	0,044	FALSE
0,055	0,309	0,001	0,006	0,070	FALSE
-0,177	0,295	-0,007	0,013	0,215	FALSE
0,106	0,302	0,003	0,012	0,095	FALSE
-0,128	0,302	-0,003	0,007	0,182	FALSE
-0,066	0,303	-0,002	0,008	0,118	FALSE
-0,014	0,316	-0,001	0,008	0,028	FALSE
0,068	0,314	0,002	0,010	0,072	FALSE
0,024	0,306	0,000	0,010	0,013	FALSE
-0,013	0,321	-0,001	0,013	0,041	FALSE
0,081	0,313	0,003	0,009	0,116	FALSE
-0,014	0,304	-0,001	0,007	0,028	FALSE
-0,030	0,294	-0,002	0,013	0,072	FALSE
-0,141	0,292	-0,003	0,009	0,153	FALSE
-0,107	0,302	-0,003	0,009	0,115	FALSE
-0,100	0,312	-0,002	0,009	0,087	FALSE
0,057	0,304	0,002	0,012	0,071	FALSE
0,032	0,306	0,001	0,011	0,037	FALSE
0,061	0,298	0,002	0,011	0,076	FALSE
-0,060	0,316	-0,002	0,012	0,077	FALSE
-0,110	0,302	-0,004	0,010	0,135	FALSE
-0,046	0,313	-0,001	0,006	0,079	FALSE
-0,092	0,319	-0,003	0,012	0,102	FALSE
-0,047	0,308	-0,002	0,008	0,076	FALSE
-0,109	0,317	-0,005	0,013	0,159	FALSE
0,103	0,310	0,002	0,008	0,129	FALSE
-0,050	0,296	-0,001	0,008	0,047	FALSE
0,070	0,310	0,002	0,010	0,092	FALSE
0,011	0,298	0,001	0,007	0,031	FALSE
0,068	0,311	0,002	0,011	0,069	FALSE
-0,016	0,307	-0,001	0,007	0,035	FALSE

0,011	0,302	0,000	0,007	0,009	FALSE
-0,009	0,303	-0,001	0,007	0,027	FALSE
0,047	0,322	0,001	0,012	0,041	FALSE
0,067	0,314	0,002	0,010	0,075	FALSE
-0,028	0,320	-0,001	0,013	0,021	FALSE
0,035	0,290	0,001	0,006	0,078	FALSE
-0,044	0,302	-0,001	0,012	0,034	FALSE
-0,050	0,316	-0,001	0,007	0,054	FALSE
0,033	0,294	0,001	0,006	0,059	FALSE
-0,065	0,307	-0,001	0,008	0,065	FALSE
-0,040	0,307	-0,002	0,008	0,075	FALSE
0,064	0,318	0,003	0,011	0,082	FALSE
0,010	0,310	0,000	0,009	0,016	FALSE
0,119	0,300	0,004	0,009	0,175	FALSE
-0,125	0,301	-0,003	0,008	0,147	FALSE
0,022	0,312	0,001	0,008	0,036	FALSE
0,065	0,301	0,003	0,012	0,104	FALSE
0,069	0,315	0,003	0,013	0,097	FALSE
-0,075	0,318	-0,003	0,012	0,099	FALSE
0,110	0,299	0,003	0,007	0,147	FALSE
-0,190	0,304	-0,008	0,011	0,318	FALSE
0,112	0,311	0,003	0,007	0,148	FALSE
-0,009	0,318	0,000	0,007	0,004	FALSE
-0,105	0,300	-0,005	0,011	0,171	FALSE
-0,085	0,312	-0,005	0,012	0,154	FALSE
-0,081	0,317	-0,003	0,011	0,095	FALSE
-0,102	0,308	-0,003	0,011	0,123	FALSE
-0,055	0,313	-0,001	0,008	0,044	FALSE
-0,035	0,309	0,000	0,008	0,014	FALSE
0,077	0,308	0,002	0,011	0,079	FALSE
0,007	0,296	0,001	0,011	0,021	FALSE
-0,089	0,309	-0,002	0,008	0,080	FALSE
-0,073	0,302	-0,001	0,007	0,069	FALSE
-0,123	0,315	-0,002	0,007	0,130	FALSE
0,131	0,296	0,003	0,007	0,188	FALSE
-0,136	0,290	-0,005	0,009	0,251	FALSE
0,070	0,297	0,003	0,011	0,122	FALSE
0,027	0,288	0,001	0,010	0,028	FALSE
-0,070	0,314	-0,003	0,011	0,089	FALSE
-0,281	0,298	-0,009	0,009	0,475	FALSE
-0,132	0,310	-0,003	0,007	0,167	FALSE
0,129	0,302	0,006	0,012	0,209	FALSE
-0,024	0,309	-0,001	0,008	0,032	FALSE
-0,026	0,309	-0,001	0,008	0,038	FALSE
-0,037	0,309	-0,001	0,007	0,054	FALSE
0,064	0,304	0,002	0,009	0,088	FALSE
-0,121	0,317	-0,005	0,012	0,177	FALSE
-0,090	0,295	-0,002	0,007	0,120	FALSE
0,067	0,301	0,001	0,007	0,057	FALSE
0,063	0,301	0,002	0,012	0,073	FALSE
-0,070	0,317	-0,002	0,007	0,085	FALSE
0,061	0,314	0,002	0,011	0,067	FALSE
0,011	0,303	0,000	0,010	0,016	FALSE

-0,124	0,320	-0,004	0,010	0,163	FALSE
-0,095	0,319	-0,004	0,013	0,111	FALSE
0,059	0,312	0,002	0,007	0,115	FALSE
0,009	0,316	0,000	0,011	0,005	FALSE
0,039	0,302	0,002	0,012	0,048	FALSE
-0,063	0,315	-0,002	0,012	0,052	FALSE
0,024	0,308	0,001	0,011	0,039	FALSE
-0,001	0,311	0,000	0,009	0,012	FALSE
0,110	0,320	0,003	0,008	0,132	FALSE
0,049	0,303	0,002	0,013	0,046	FALSE
0,018	0,304	0,000	0,008	0,008	FALSE
-0,035	0,308	-0,001	0,007	0,054	FALSE
-0,061	0,307	-0,002	0,007	0,085	FALSE
-0,110	0,318	-0,004	0,010	0,137	FALSE
-0,030	0,303	-0,001	0,012	0,028	FALSE
-0,115	0,303	-0,004	0,011	0,138	FALSE
0,117	0,308	0,003	0,008	0,175	FALSE
-0,120	0,301	-0,003	0,007	0,173	FALSE
-0,018	0,307	0,000	0,008	0,005	FALSE
-0,018	0,321	0,000	0,007	0,014	FALSE
0,118	0,302	0,003	0,009	0,134	FALSE
0,099	0,320	0,003	0,011	0,111	FALSE
0,040	0,301	0,002	0,012	0,067	FALSE
0,097	0,308	0,003	0,010	0,115	FALSE
-0,008	0,305	0,000	0,010	0,009	FALSE
-0,063	0,310	-0,003	0,012	0,105	FALSE
0,042	0,303	0,000	0,008	0,015	FALSE
-0,002	0,308	0,000	0,007	0,016	FALSE
-0,027	0,311	-0,001	0,010	0,056	FALSE
0,144	0,297	0,003	0,006	0,194	FALSE
0,107	0,298	0,002	0,006	0,101	FALSE
-0,017	0,319	0,000	0,008	0,010	FALSE
-0,028	0,294	0,000	0,007	0,012	FALSE
0,002	0,297	0,000	0,011	0,003	FALSE
0,042	0,314	0,001	0,011	0,036	FALSE
0,002	0,316	0,000	0,010	0,016	FALSE
0,073	0,294	0,003	0,008	0,136	FALSE
0,062	0,299	0,002	0,012	0,065	FALSE
-0,241	0,283	-0,007	0,009	0,395	FALSE
0,099	0,307	0,004	0,008	0,174	FALSE
-0,102	0,312	-0,003	0,008	0,146	FALSE
-0,158	0,310	-0,005	0,009	0,230	FALSE
0,022	0,310	0,001	0,013	0,023	FALSE
-0,079	0,301	-0,002	0,006	0,099	FALSE
-0,003	0,319	0,000	0,007	0,024	FALSE
0,002	0,310	0,001	0,012	0,018	FALSE
0,003	0,309	0,000	0,013	0,001	FALSE
0,045	0,309	0,002	0,011	0,067	FALSE
0,017	0,317	0,001	0,012	0,028	FALSE
0,033	0,293	0,000	0,007	0,017	FALSE
-0,027	0,312	-0,001	0,013	0,038	FALSE
0,021	0,310	0,000	0,010	0,006	FALSE
0,048	0,329	0,001	0,007	0,035	FALSE

-0,015	0,308	-0,001	0,011	0,026	FALSE
-0,053	0,298	-0,002	0,009	0,090	FALSE
-0,060	0,317	-0,001	0,007	0,084	FALSE
-0,155	0,303	-0,004	0,009	0,190	FALSE
-0,001	0,315	0,000	0,007	0,009	FALSE
-0,028	0,316	-0,001	0,009	0,040	FALSE
0,055	0,305	0,002	0,012	0,067	FALSE
-0,044	0,301	-0,001	0,007	0,054	FALSE
-0,107	0,299	-0,005	0,011	0,197	FALSE
-0,041	0,314	-0,001	0,007	0,058	FALSE
-0,071	0,297	-0,001	0,006	0,085	FALSE
-0,026	0,308	-0,001	0,009	0,035	FALSE
-0,027	0,307	-0,001	0,009	0,032	FALSE
-0,022	0,312	-0,001	0,009	0,037	FALSE
0,149	0,316	0,004	0,007	0,213	FALSE
-0,073	0,296	-0,004	0,012	0,122	FALSE
-0,042	0,304	-0,002	0,012	0,066	FALSE
0,020	0,295	0,001	0,009	0,044	FALSE
0,132	0,306	0,003	0,008	0,176	FALSE
0,113	0,305	0,002	0,007	0,135	FALSE
0,069	0,299	0,002	0,007	0,132	FALSE
0,119	0,298	0,004	0,011	0,133	FALSE
-0,091	0,302	-0,003	0,011	0,125	FALSE
-0,084	0,306	-0,003	0,010	0,098	FALSE
-0,124	0,304	-0,003	0,008	0,163	FALSE
0,102	0,311	0,002	0,007	0,124	FALSE
0,102	0,305	0,002	0,007	0,121	FALSE
0,048	0,304	0,001	0,007	0,053	FALSE
0,000	0,309	0,000	0,010	0,003	FALSE
-0,109	0,284	-0,003	0,010	0,130	FALSE
0,000	0,296	0,000	0,009	0,016	FALSE
0,182	0,310	0,007	0,010	0,282	FALSE
0,031	0,309	0,001	0,008	0,035	FALSE
-0,061	0,308	-0,002	0,009	0,087	FALSE
-0,005	0,316	0,000	0,007	0,006	FALSE
-0,085	0,288	-0,002	0,007	0,135	FALSE
-0,092	0,297	-0,002	0,009	0,076	FALSE
-0,008	0,303	0,000	0,006	0,010	FALSE
-0,052	0,299	-0,001	0,007	0,078	FALSE
-0,046	0,306	-0,001	0,010	0,047	FALSE
0,089	0,298	0,003	0,011	0,097	FALSE
-0,033	0,303	-0,002	0,011	0,053	FALSE
-0,125	0,296	-0,003	0,007	0,170	FALSE
-0,065	0,313	-0,002	0,008	0,073	FALSE
0,049	0,308	0,002	0,007	0,079	FALSE
-0,189	0,295	-0,005	0,008	0,266	FALSE
-0,175	0,275	-0,004	0,006	0,286	FALSE
0,086	0,300	0,003	0,008	0,129	FALSE
-0,142	0,303	-0,007	0,012	0,233	FALSE
-0,067	0,312	-0,002	0,010	0,069	FALSE
-0,097	0,312	-0,004	0,010	0,154	FALSE
0,103	0,312	0,004	0,012	0,130	FALSE
-0,089	0,314	-0,002	0,009	0,088	FALSE

-0,025	0,313	-0,001	0,009	0,052	FALSE
-0,016	0,308	0,000	0,013	0,012	FALSE
-0,031	0,317	-0,001	0,011	0,036	FALSE
0,109	0,309	0,004	0,011	0,133	FALSE
0,082	0,302	0,003	0,010	0,098	FALSE
-0,013	0,304	0,000	0,011	0,011	FALSE
-0,117	0,311	-0,003	0,007	0,179	FALSE
-0,114	0,307	-0,003	0,006	0,172	FALSE
0,049	0,312	0,001	0,008	0,063	FALSE
0,038	0,312	0,001	0,013	0,038	FALSE
0,049	0,307	0,002	0,013	0,052	FALSE
-0,134	0,297	-0,003	0,007	0,179	FALSE
-0,149	0,300	-0,003	0,007	0,195	FALSE
0,047	0,302	0,002	0,013	0,047	FALSE
-0,105	0,298	-0,005	0,013	0,169	FALSE
-0,031	0,311	-0,001	0,007	0,039	FALSE
-0,048	0,292	-0,003	0,013	0,086	FALSE
0,131	0,301	0,006	0,012	0,198	FALSE
-0,107	0,300	-0,004	0,011	0,156	FALSE
0,158	0,306	0,004	0,008	0,222	FALSE
-0,040	0,298	-0,001	0,011	0,029	FALSE
0,092	0,316	0,003	0,009	0,122	FALSE
-0,068	0,299	-0,003	0,012	0,082	FALSE
-0,041	0,296	-0,002	0,009	0,082	FALSE
0,038	0,309	0,000	0,007	0,020	FALSE
-0,030	0,308	-0,002	0,012	0,066	FALSE
-0,052	0,303	-0,003	0,012	0,086	FALSE
0,017	0,305	0,000	0,006	0,003	FALSE
-0,088	0,319	-0,004	0,011	0,142	FALSE
-0,082	0,312	-0,003	0,011	0,122	FALSE
0,025	0,296	0,001	0,007	0,062	FALSE
0,021	0,302	0,001	0,007	0,048	FALSE
-0,037	0,310	-0,001	0,008	0,031	FALSE
-0,081	0,303	-0,002	0,007	0,116	FALSE
-0,056	0,305	-0,001	0,007	0,063	FALSE
0,051	0,305	0,001	0,008	0,043	FALSE
0,056	0,301	0,001	0,007	0,064	FALSE
-0,025	0,310	-0,002	0,013	0,054	FALSE
-0,066	0,312	-0,003	0,012	0,108	FALSE
-0,001	0,317	0,000	0,013	0,001	FALSE
-0,064	0,308	-0,002	0,012	0,071	FALSE
0,028	0,317	0,001	0,013	0,035	FALSE
0,061	0,313	0,003	0,011	0,097	FALSE
-0,029	0,296	-0,001	0,007	0,037	FALSE
0,108	0,311	0,003	0,008	0,145	FALSE
0,076	0,295	0,002	0,010	0,091	FALSE
-0,040	0,318	-0,001	0,013	0,032	FALSE
0,073	0,294	0,003	0,010	0,104	FALSE
-0,110	0,310	-0,004	0,009	0,154	FALSE
-0,113	0,298	-0,004	0,009	0,165	FALSE
-0,027	0,307	-0,001	0,008	0,027	FALSE
0,044	0,316	0,002	0,012	0,045	FALSE
0,115	0,309	0,003	0,007	0,163	FALSE

0,020	0,307	0,002	0,012	0,065	FALSE
0,059	0,306	0,003	0,012	0,117	FALSE
-0,032	0,319	0,000	0,009	0,019	FALSE
-0,107	0,314	-0,004	0,012	0,145	FALSE
-0,127	0,299	-0,003	0,008	0,176	FALSE
-0,142	0,307	-0,006	0,013	0,186	FALSE
0,146	0,295	0,004	0,009	0,197	FALSE
0,140	0,303	0,004	0,008	0,186	FALSE
0,160	0,299	0,004	0,008	0,209	FALSE
0,034	0,315	0,001	0,009	0,038	FALSE
0,090	0,301	0,004	0,010	0,144	FALSE
0,046	0,303	0,001	0,013	0,035	FALSE
0,016	0,304	0,001	0,010	0,049	FALSE
0,101	0,291	0,005	0,013	0,149	FALSE
0,081	0,290	0,004	0,012	0,125	FALSE
-0,079	0,307	-0,003	0,010	0,120	FALSE
0,013	0,305	0,000	0,012	0,011	FALSE
-0,019	0,309	-0,001	0,012	0,020	FALSE
0,047	0,317	0,002	0,012	0,056	FALSE
-0,070	0,299	-0,004	0,012	0,111	FALSE
0,147	0,302	0,006	0,011	0,228	FALSE
0,143	0,301	0,005	0,010	0,202	FALSE
0,038	0,307	0,001	0,008	0,043	FALSE
-0,034	0,311	-0,002	0,013	0,051	FALSE
-0,020	0,298	-0,001	0,006	0,032	FALSE
0,127	0,297	0,004	0,010	0,188	FALSE
0,078	0,296	0,002	0,010	0,097	FALSE
-0,086	0,303	-0,003	0,012	0,095	FALSE
-0,137	0,293	-0,005	0,011	0,180	FALSE
-0,054	0,305	-0,002	0,012	0,069	FALSE
-0,070	0,298	-0,003	0,010	0,124	FALSE
-0,105	0,294	-0,005	0,012	0,185	FALSE
0,108	0,289	0,002	0,006	0,121	FALSE
0,118	0,298	0,002	0,006	0,138	FALSE
-0,041	0,323	-0,001	0,009	0,043	FALSE
0,056	0,305	0,003	0,013	0,090	FALSE
-0,033	0,301	-0,001	0,011	0,019	FALSE
0,012	0,299	0,001	0,006	0,031	FALSE
0,025	0,326	0,001	0,010	0,028	FALSE
0,053	0,305	0,001	0,007	0,081	FALSE
-0,077	0,311	-0,004	0,013	0,110	FALSE
-0,016	0,307	0,000	0,011	0,004	FALSE
0,003	0,317	0,000	0,012	0,009	FALSE
0,011	0,317	0,001	0,011	0,021	FALSE
0,053	0,317	0,003	0,013	0,078	FALSE
0,049	0,296	0,001	0,009	0,036	FALSE
-0,005	0,310	-0,001	0,010	0,037	FALSE
-0,087	0,297	-0,005	0,012	0,150	FALSE
0,048	0,316	0,002	0,011	0,066	FALSE
-0,048	0,306	-0,001	0,007	0,059	FALSE
-0,055	0,309	-0,002	0,013	0,072	FALSE
-0,044	0,297	-0,002	0,012	0,051	FALSE
-0,009	0,310	0,000	0,012	0,001	FALSE

0,001	0,305	0,000	0,008	0,004	FALSE
-0,031	0,291	-0,001	0,008	0,022	FALSE
-0,086	0,316	-0,002	0,008	0,108	FALSE
-0,008	0,297	-0,001	0,008	0,024	FALSE
-0,031	0,311	-0,001	0,008	0,032	FALSE
-0,164	0,307	-0,003	0,006	0,207	FALSE
-0,090	0,302	-0,002	0,008	0,111	FALSE
0,009	0,302	0,000	0,008	0,014	FALSE
-0,049	0,300	-0,002	0,010	0,060	FALSE
-0,026	0,320	0,000	0,010	0,013	FALSE
0,013	0,322	0,001	0,009	0,021	FALSE
0,009	0,308	0,000	0,013	0,002	FALSE
-0,010	0,302	0,000	0,009	0,011	FALSE
-0,173	0,314	-0,004	0,008	0,208	FALSE
0,016	0,308	0,001	0,008	0,043	FALSE
-0,028	0,300	-0,002	0,008	0,079	FALSE
0,010	0,305	0,000	0,011	0,011	FALSE
-0,097	0,295	-0,004	0,013	0,139	FALSE
-0,071	0,294	-0,002	0,011	0,077	FALSE
0,070	0,310	0,001	0,008	0,062	FALSE
0,023	0,286	0,000	0,009	0,012	FALSE
0,023	0,304	0,001	0,009	0,060	FALSE
-0,014	0,308	0,000	0,008	0,017	FALSE
0,126	0,297	0,003	0,007	0,167	FALSE
0,041	0,300	0,002	0,012	0,081	FALSE
0,081	0,303	0,002	0,008	0,091	FALSE
0,006	0,303	0,000	0,009	0,000	FALSE
-0,126	0,295	-0,003	0,007	0,171	FALSE
0,072	0,313	0,001	0,007	0,058	FALSE
0,011	0,316	0,000	0,008	0,022	FALSE
0,004	0,313	0,000	0,008	0,007	FALSE
0,036	0,313	0,001	0,008	0,050	FALSE
-0,033	0,317	-0,001	0,013	0,029	FALSE
-0,043	0,316	-0,001	0,010	0,054	FALSE
0,038	0,311	0,001	0,009	0,032	FALSE
0,111	0,311	0,003	0,007	0,172	FALSE
-0,060	0,301	-0,002	0,010	0,085	FALSE
0,119	0,303	0,002	0,007	0,129	FALSE
-0,103	0,309	-0,002	0,008	0,121	FALSE
-0,083	0,310	-0,001	0,007	0,058	FALSE
0,043	0,305	0,002	0,008	0,078	FALSE
0,051	0,298	0,002	0,011	0,061	FALSE
-0,051	0,331	-0,001	0,007	0,073	FALSE
0,034	0,308	0,001	0,009	0,029	FALSE
0,110	0,312	0,002	0,007	0,127	FALSE
0,082	0,304	0,002	0,007	0,083	FALSE
-0,006	0,316	0,000	0,008	0,023	FALSE
-0,003	0,308	0,000	0,009	0,014	FALSE
0,026	0,307	0,001	0,007	0,049	FALSE
0,126	0,299	0,004	0,011	0,154	FALSE
-0,044	0,303	-0,001	0,010	0,031	FALSE
-0,045	0,309	-0,001	0,007	0,060	FALSE
-0,037	0,308	-0,001	0,011	0,024	FALSE

0,019	0,301	0,000	0,010	0,017	FALSE
-0,038	0,308	-0,001	0,008	0,061	FALSE
0,051	0,308	0,002	0,009	0,095	FALSE
0,010	0,314	0,000	0,009	0,004	FALSE
-0,022	0,309	-0,001	0,009	0,049	FALSE
0,000	0,303	0,001	0,009	0,021	FALSE
0,071	0,311	0,001	0,008	0,059	FALSE
0,017	0,311	0,001	0,010	0,038	FALSE
-0,023	0,300	-0,001	0,008	0,032	FALSE
0,040	0,293	0,001	0,012	0,042	FALSE
-0,021	0,312	0,000	0,009	0,016	FALSE
0,022	0,290	0,001	0,012	0,022	FALSE
-0,023	0,320	-0,001	0,009	0,023	FALSE
-0,126	0,313	-0,005	0,014	0,144	FALSE
-0,244	0,285	-0,011	0,013	0,420	FALSE
-0,108	0,313	-0,003	0,009	0,127	FALSE
0,050	0,313	0,001	0,008	0,056	FALSE
0,068	0,304	0,001	0,007	0,065	FALSE
-0,104	0,307	-0,003	0,009	0,135	FALSE
-0,162	0,307	-0,004	0,008	0,220	FALSE
0,097	0,315	0,004	0,013	0,117	FALSE
-0,044	0,308	-0,002	0,011	0,056	FALSE
0,010	0,310	0,000	0,008	0,018	FALSE
-0,006	0,302	0,000	0,008	0,008	FALSE
-0,028	0,301	-0,001	0,008	0,064	FALSE
0,064	0,308	0,001	0,007	0,082	FALSE
0,058	0,310	0,002	0,013	0,073	FALSE
0,032	0,312	0,001	0,009	0,023	FALSE
-0,025	0,307	0,000	0,009	0,007	FALSE
0,036	0,307	0,001	0,009	0,056	FALSE
-0,101	0,297	-0,003	0,010	0,122	FALSE
-0,058	0,292	-0,002	0,010	0,079	FALSE
-0,040	0,299	-0,002	0,011	0,053	FALSE
-0,033	0,290	-0,001	0,011	0,051	FALSE
0,044	0,299	0,001	0,009	0,048	FALSE
0,023	0,300	0,001	0,010	0,049	FALSE
-0,002	0,295	0,000	0,011	0,009	FALSE
0,006	0,305	0,000	0,009	0,010	FALSE
-0,061	0,312	-0,001	0,007	0,056	FALSE
0,029	0,297	0,001	0,007	0,046	FALSE
0,064	0,303	0,002	0,008	0,088	FALSE
0,017	0,307	0,000	0,008	0,016	FALSE
-0,011	0,308	0,000	0,007	0,012	FALSE
0,012	0,312	0,000	0,008	0,018	FALSE
0,068	0,298	0,003	0,008	0,121	FALSE
-0,058	0,307	-0,002	0,006	0,095	FALSE
0,095	0,299	0,004	0,011	0,132	FALSE
-0,011	0,310	0,000	0,012	0,014	FALSE
0,063	0,309	0,003	0,011	0,092	FALSE
0,104	0,306	0,004	0,012	0,130	FALSE
0,073	0,313	0,003	0,010	0,106	FALSE
0,168	0,292	0,003	0,006	0,202	FALSE
-0,037	0,310	-0,001	0,009	0,052	FALSE

0,016	0,307	0,000	0,007	0,017	FALSE
0,053	0,308	0,003	0,013	0,097	FALSE
0,047	0,302	0,003	0,013	0,095	FALSE
0,059	0,291	0,003	0,012	0,109	FALSE
-0,083	0,306	-0,005	0,013	0,141	FALSE
0,002	0,313	0,000	0,012	0,007	FALSE
0,122	0,305	0,002	0,007	0,141	FALSE
0,015	0,311	0,001	0,011	0,028	FALSE
-0,014	0,298	0,000	0,007	0,018	FALSE
-0,117	0,315	-0,002	0,007	0,139	FALSE
-0,036	0,320	-0,001	0,007	0,052	FALSE
-0,059	0,299	-0,002	0,011	0,070	FALSE
-0,171	0,315	-0,007	0,013	0,237	FALSE
0,005	0,307	0,000	0,007	0,001	FALSE
0,064	0,304	0,002	0,011	0,072	FALSE
-0,149	0,322	-0,003	0,008	0,166	FALSE
0,070	0,298	0,002	0,011	0,087	FALSE
0,096	0,311	0,002	0,007	0,132	FALSE
-0,042	0,313	-0,002	0,013	0,062	FALSE
0,112	0,314	0,002	0,007	0,135	FALSE
0,112	0,302	0,002	0,007	0,124	FALSE
0,171	0,303	0,007	0,012	0,262	FALSE
0,018	0,315	0,000	0,006	0,012	FALSE
0,057	0,309	0,001	0,007	0,069	FALSE
0,229	0,296	0,006	0,008	0,370	FALSE
0,008	0,303	0,000	0,007	0,017	FALSE
-0,067	0,308	-0,003	0,012	0,094	FALSE
-0,091	0,307	-0,004	0,012	0,124	FALSE
-0,037	0,312	-0,001	0,011	0,017	FALSE
0,003	0,304	0,000	0,007	0,002	FALSE
0,080	0,303	0,001	0,007	0,050	FALSE
-0,047	0,314	-0,001	0,007	0,067	FALSE
-0,035	0,298	-0,002	0,012	0,068	FALSE
0,005	0,303	0,001	0,013	0,027	FALSE
0,067	0,299	0,003	0,012	0,084	FALSE
0,099	0,312	0,004	0,013	0,126	FALSE
0,085	0,306	0,004	0,013	0,112	FALSE
0,044	0,303	0,002	0,012	0,049	FALSE
0,059	0,315	0,002	0,011	0,067	FALSE
-0,081	0,316	-0,003	0,010	0,109	FALSE
-0,039	0,304	-0,002	0,011	0,057	FALSE
-0,051	0,313	-0,001	0,009	0,056	FALSE
-0,086	0,305	-0,003	0,009	0,119	FALSE
0,069	0,310	0,003	0,013	0,093	FALSE
0,049	0,307	0,002	0,012	0,063	FALSE
0,077	0,316	0,002	0,007	0,129	FALSE
-0,056	0,301	-0,002	0,008	0,105	FALSE
0,081	0,307	0,002	0,007	0,132	FALSE
-0,042	0,289	-0,003	0,011	0,106	FALSE
0,064	0,298	0,002	0,011	0,057	FALSE
0,020	0,308	0,001	0,007	0,033	FALSE
-0,018	0,307	-0,001	0,009	0,023	FALSE
0,089	0,303	0,003	0,013	0,085	FALSE

0,089	0,309	0,003	0,012	0,106	FALSE
0,106	0,309	0,002	0,006	0,142	FALSE
0,116	0,289	0,004	0,011	0,146	FALSE
0,073	0,305	0,001	0,006	0,059	FALSE
0,123	0,311	0,004	0,010	0,146	FALSE
-0,041	0,305	-0,001	0,011	0,045	FALSE
-0,072	0,284	-0,003	0,012	0,084	FALSE
0,080	0,299	0,003	0,012	0,096	FALSE
-0,077	0,309	-0,003	0,010	0,099	FALSE
-0,075	0,310	-0,002	0,011	0,087	FALSE
-0,097	0,297	-0,002	0,007	0,134	FALSE
-0,011	0,295	0,000	0,006	0,022	FALSE
-0,054	0,307	-0,002	0,008	0,087	FALSE
-0,033	0,310	-0,001	0,007	0,058	FALSE
-0,010	0,300	-0,001	0,011	0,030	FALSE
0,073	0,308	0,003	0,011	0,100	FALSE
0,001	0,313	0,001	0,009	0,023	FALSE
-0,039	0,319	-0,002	0,013	0,057	FALSE
-0,086	0,315	-0,002	0,008	0,106	FALSE
-0,013	0,313	0,000	0,008	0,017	FALSE
0,013	0,309	0,001	0,011	0,037	FALSE
0,031	0,308	0,001	0,010	0,053	FALSE
0,077	0,320	0,003	0,011	0,097	FALSE
0,034	0,299	0,001	0,013	0,042	FALSE
0,024	0,309	0,000	0,011	0,005	FALSE
0,000	0,309	-0,001	0,010	0,019	FALSE
-0,004	0,303	0,000	0,013	0,012	FALSE
-0,003	0,313	0,000	0,013	0,003	FALSE
-0,010	0,308	0,000	0,013	0,007	FALSE
0,008	0,302	0,000	0,012	0,004	FALSE
-0,100	0,306	-0,003	0,008	0,121	FALSE
0,056	0,296	0,002	0,012	0,073	FALSE
0,115	0,302	0,003	0,009	0,155	FALSE
-0,010	0,307	0,000	0,007	0,000	FALSE
-0,103	0,309	-0,003	0,010	0,106	FALSE
0,034	0,309	0,001	0,012	0,027	FALSE
0,085	0,312	0,002	0,012	0,060	FALSE
0,103	0,301	0,003	0,012	0,096	FALSE
-0,092	0,298	-0,002	0,011	0,088	FALSE
0,039	0,299	0,000	0,007	0,020	FALSE
-0,044	0,305	-0,001	0,009	0,041	FALSE
-0,020	0,324	0,000	0,010	0,014	FALSE
-0,131	0,296	-0,006	0,011	0,219	FALSE
-0,043	0,292	-0,002	0,011	0,078	FALSE
-0,031	0,311	0,000	0,012	0,012	FALSE
-0,047	0,319	-0,001	0,007	0,063	FALSE
-0,049	0,307	-0,001	0,008	0,026	FALSE
0,052	0,300	0,002	0,011	0,069	FALSE
0,018	0,314	0,001	0,010	0,018	FALSE
-0,083	0,315	-0,003	0,011	0,108	FALSE
-0,029	0,311	-0,001	0,012	0,037	FALSE
-0,038	0,310	-0,001	0,007	0,043	FALSE
-0,042	0,305	-0,001	0,012	0,028	FALSE

0,005	0,308	0,001	0,013	0,016	FALSE
0,035	0,302	0,001	0,007	0,057	FALSE
0,081	0,315	0,003	0,013	0,093	FALSE
-0,031	0,308	-0,001	0,013	0,035	FALSE
-0,007	0,300	0,000	0,007	0,000	FALSE
0,005	0,307	0,000	0,007	0,003	FALSE
0,128	0,307	0,005	0,013	0,152	FALSE
0,017	0,292	0,001	0,007	0,047	FALSE
0,032	0,313	0,001	0,007	0,032	FALSE
-0,070	0,309	-0,003	0,011	0,117	FALSE
0,002	0,305	0,000	0,009	0,006	FALSE
0,068	0,303	0,003	0,011	0,109	FALSE
0,083	0,305	0,003	0,011	0,129	FALSE
0,080	0,315	0,003	0,011	0,114	FALSE
0,093	0,308	0,004	0,013	0,112	FALSE
0,072	0,313	0,003	0,013	0,078	FALSE
0,105	0,306	0,004	0,012	0,137	FALSE
-0,074	0,317	-0,003	0,010	0,097	FALSE
-0,023	0,326	-0,001	0,010	0,043	FALSE
-0,049	0,310	-0,002	0,010	0,060	FALSE
0,095	0,318	0,003	0,012	0,092	FALSE
0,052	0,312	0,001	0,007	0,059	FALSE
0,021	0,302	0,001	0,007	0,050	FALSE
-0,017	0,306	-0,002	0,012	0,052	FALSE
0,070	0,306	0,002	0,009	0,076	FALSE
0,001	0,307	-0,001	0,012	0,026	FALSE
0,083	0,310	0,003	0,011	0,102	FALSE
0,054	0,322	0,001	0,007	0,057	FALSE
-0,116	0,300	-0,004	0,011	0,155	FALSE
0,004	0,303	0,000	0,012	0,008	FALSE
-0,046	0,326	-0,002	0,013	0,050	FALSE
-0,053	0,305	-0,002	0,007	0,087	FALSE
-0,037	0,297	-0,002	0,011	0,086	FALSE
-0,090	0,312	-0,003	0,008	0,119	FALSE
0,036	0,320	0,001	0,007	0,064	FALSE
-0,047	0,309	-0,001	0,010	0,048	FALSE
0,029	0,299	0,001	0,010	0,055	FALSE
-0,005	0,318	0,000	0,006	0,000	FALSE
0,058	0,310	0,002	0,011	0,056	FALSE
0,038	0,306	0,001	0,008	0,036	FALSE
-0,040	0,308	-0,001	0,012	0,033	FALSE
-0,091	0,315	-0,002	0,008	0,098	FALSE
0,017	0,302	0,000	0,006	0,005	FALSE
0,122	0,295	0,004	0,009	0,180	FALSE
0,033	0,306	0,001	0,010	0,049	FALSE
0,076	0,302	0,002	0,007	0,102	FALSE
0,107	0,306	0,003	0,009	0,124	FALSE
0,080	0,304	0,002	0,008	0,112	FALSE
0,057	0,301	0,001	0,007	0,078	FALSE
-0,002	0,313	0,000	0,011	0,002	FALSE
-0,026	0,316	0,000	0,010	0,007	FALSE
-0,044	0,301	-0,002	0,007	0,087	FALSE
0,079	0,287	0,004	0,010	0,142	FALSE

0,010	0,293	0,000	0,008	0,000	FALSE
0,080	0,319	0,004	0,012	0,123	FALSE
-0,039	0,320	-0,002	0,011	0,059	FALSE
-0,043	0,310	-0,002	0,010	0,071	FALSE
-0,058	0,309	-0,002	0,011	0,080	FALSE
-0,043	0,309	-0,002	0,010	0,075	FALSE
0,075	0,308	0,001	0,009	0,059	FALSE
0,027	0,314	0,001	0,013	0,025	FALSE
0,021	0,307	0,000	0,008	0,001	FALSE
-0,049	0,309	-0,001	0,006	0,047	FALSE
0,126	0,291	0,003	0,009	0,140	FALSE
0,015	0,306	0,000	0,006	0,011	FALSE
-0,119	0,313	-0,002	0,007	0,145	FALSE
-0,031	0,318	0,000	0,007	0,022	FALSE
0,024	0,300	0,000	0,012	0,003	FALSE
-0,039	0,318	-0,001	0,007	0,059	FALSE
0,101	0,319	0,003	0,011	0,101	FALSE
0,040	0,304	0,002	0,011	0,077	FALSE
-0,006	0,308	0,000	0,009	0,018	FALSE
0,065	0,309	0,002	0,008	0,080	FALSE
-0,024	0,317	-0,001	0,012	0,023	FALSE
0,115	0,302	0,004	0,011	0,146	FALSE
0,000	0,313	0,000	0,013	0,006	FALSE
0,032	0,292	0,001	0,011	0,048	FALSE
-0,053	0,306	-0,001	0,011	0,043	FALSE
0,009	0,307	0,000	0,007	0,024	FALSE
0,175	0,303	0,008	0,013	0,267	FALSE
-0,098	0,320	-0,004	0,013	0,132	FALSE
-0,100	0,315	-0,004	0,013	0,137	FALSE
-0,060	0,321	-0,002	0,009	0,101	FALSE
0,119	0,306	0,004	0,009	0,156	FALSE
0,079	0,299	0,001	0,007	0,079	FALSE
0,068	0,310	0,003	0,012	0,081	FALSE
-0,015	0,314	0,000	0,009	0,019	FALSE
-0,058	0,293	-0,003	0,009	0,144	FALSE
0,128	0,305	0,003	0,007	0,195	FALSE
0,033	0,308	0,001	0,009	0,047	FALSE
0,089	0,302	0,002	0,006	0,103	FALSE
0,000	0,315	0,000	0,012	0,011	FALSE
0,052	0,314	0,001	0,007	0,073	FALSE
0,112	0,303	0,002	0,008	0,113	FALSE
0,119	0,302	0,003	0,008	0,135	FALSE
-0,024	0,310	-0,001	0,008	0,042	FALSE
-0,077	0,311	-0,003	0,009	0,113	FALSE
0,007	0,319	0,000	0,009	0,008	FALSE
-0,048	0,306	-0,002	0,009	0,067	FALSE
-0,049	0,305	-0,002	0,008	0,074	FALSE
-0,039	0,299	-0,001	0,008	0,059	FALSE
-0,064	0,298	-0,002	0,008	0,086	FALSE
-0,016	0,316	0,000	0,008	0,019	FALSE
-0,021	0,296	-0,001	0,008	0,032	FALSE
-0,048	0,308	-0,002	0,008	0,073	FALSE
-0,072	0,298	-0,005	0,013	0,149	FALSE

-0,075	0,309	-0,002	0,013	0,070	FALSE
0,089	0,302	0,002	0,008	0,110	FALSE
-0,030	0,289	-0,001	0,008	0,026	FALSE
-0,115	0,315	-0,005	0,013	0,173	FALSE
-0,108	0,304	-0,004	0,011	0,134	FALSE
-0,022	0,298	-0,001	0,012	0,034	FALSE
-0,066	0,318	-0,003	0,012	0,082	FALSE
-0,021	0,301	0,000	0,006	0,006	FALSE
-0,047	0,312	-0,002	0,012	0,060	FALSE
0,053	0,307	0,002	0,010	0,095	FALSE
0,015	0,315	0,000	0,011	0,004	FALSE
0,141	0,294	0,003	0,008	0,180	FALSE
-0,137	0,294	-0,006	0,012	0,202	FALSE
-0,158	0,306	-0,007	0,013	0,249	FALSE
-0,122	0,301	-0,005	0,012	0,182	FALSE
-0,137	0,300	-0,006	0,012	0,202	FALSE
0,021	0,309	0,001	0,013	0,021	FALSE
-0,021	0,314	0,000	0,007	0,001	FALSE
0,014	0,313	0,000	0,013	0,004	FALSE
-0,121	0,310	-0,004	0,009	0,166	FALSE
0,087	0,301	0,003	0,012	0,109	FALSE
-0,012	0,317	0,000	0,007	0,014	FALSE
0,027	0,314	0,001	0,013	0,042	FALSE
0,035	0,308	0,002	0,012	0,067	FALSE
-0,027	0,316	-0,001	0,012	0,035	FALSE
0,042	0,315	0,002	0,013	0,042	FALSE
0,039	0,315	0,001	0,013	0,037	FALSE
-0,071	0,304	-0,002	0,008	0,099	FALSE
-0,038	0,314	0,000	0,007	0,025	FALSE
0,028	0,306	0,001	0,013	0,034	FALSE
0,030	0,306	0,001	0,009	0,059	FALSE
0,044	0,309	0,001	0,009	0,056	FALSE
0,004	0,315	0,000	0,011	0,009	FALSE
-0,016	0,305	-0,001	0,008	0,031	FALSE
0,062	0,311	0,002	0,007	0,084	FALSE
0,039	0,291	0,000	0,006	0,023	FALSE
-0,043	0,311	-0,001	0,009	0,042	FALSE
-0,072	0,301	-0,002	0,009	0,078	FALSE
-0,080	0,317	-0,003	0,010	0,100	FALSE
0,028	0,319	0,001	0,008	0,046	FALSE
-0,049	0,301	-0,002	0,008	0,076	FALSE
-0,160	0,291	-0,006	0,012	0,228	FALSE
0,134	0,310	0,005	0,012	0,170	FALSE
0,004	0,286	0,000	0,008	0,000	FALSE
0,120	0,296	0,005	0,012	0,164	FALSE
-0,005	0,295	0,000	0,008	0,013	FALSE
-0,002	0,315	0,000	0,009	0,006	FALSE
-0,124	0,300	-0,003	0,008	0,153	FALSE
-0,004	0,306	0,000	0,006	0,003	FALSE
-0,040	0,307	-0,001	0,008	0,030	FALSE
-0,066	0,314	-0,002	0,010	0,074	FALSE
-0,025	0,303	-0,001	0,006	0,045	FALSE
-0,030	0,320	-0,001	0,009	0,025	FALSE

-0,004	0,304	0,000	0,006	0,023	FALSE
0,074	0,290	0,003	0,011	0,107	FALSE
-0,026	0,301	0,000	0,008	0,016	FALSE
-0,021	0,317	-0,001	0,011	0,032	FALSE
0,038	0,312	0,001	0,007	0,059	FALSE
-0,061	0,313	-0,001	0,007	0,078	FALSE
0,018	0,304	0,000	0,007	0,001	FALSE
0,141	0,309	0,003	0,007	0,189	FALSE
-0,129	0,289	-0,005	0,012	0,182	FALSE
0,015	0,293	0,001	0,008	0,057	FALSE
-0,070	0,296	-0,002	0,011	0,066	FALSE
-0,102	0,305	-0,003	0,007	0,140	FALSE
-0,049	0,306	-0,002	0,010	0,065	FALSE
0,021	0,295	0,000	0,009	0,006	FALSE
0,092	0,318	0,002	0,007	0,125	FALSE
-0,025	0,318	-0,001	0,007	0,045	FALSE
0,030	0,308	0,001	0,007	0,035	FALSE
-0,100	0,322	-0,002	0,008	0,106	FALSE
0,024	0,303	0,001	0,009	0,028	FALSE
-0,011	0,297	-0,001	0,007	0,033	FALSE
0,017	0,297	0,000	0,007	0,003	FALSE
-0,026	0,300	0,000	0,008	0,017	FALSE
-0,045	0,297	-0,001	0,006	0,051	FALSE
-0,129	0,311	-0,006	0,013	0,178	FALSE
0,116	0,306	0,003	0,007	0,165	FALSE
-0,023	0,301	0,000	0,007	0,019	FALSE
0,219	0,308	0,007	0,010	0,329	FALSE
0,071	0,299	0,002	0,006	0,101	FALSE
0,015	0,298	0,000	0,007	0,013	FALSE
0,015	0,312	0,000	0,007	0,013	FALSE
-0,031	0,316	0,000	0,007	0,013	FALSE
0,027	0,326	0,000	0,008	0,017	FALSE
0,041	0,323	0,002	0,012	0,048	FALSE
-0,122	0,301	-0,003	0,007	0,179	FALSE
0,054	0,310	0,001	0,010	0,039	FALSE
0,134	0,306	0,004	0,010	0,183	FALSE
0,028	0,309	0,001	0,009	0,029	FALSE
0,027	0,303	0,002	0,011	0,053	FALSE
-0,070	0,306	-0,004	0,012	0,132	FALSE
-0,075	0,312	-0,002	0,009	0,086	FALSE
-0,158	0,314	-0,003	0,007	0,194	FALSE
-0,175	0,291	-0,003	0,006	0,238	FALSE
0,021	0,307	0,001	0,008	0,040	FALSE
-0,014	0,299	0,000	0,008	0,010	FALSE
0,032	0,312	0,001	0,013	0,041	FALSE
0,068	0,299	0,002	0,007	0,096	FALSE
0,071	0,321	0,002	0,008	0,093	FALSE
0,065	0,304	0,002	0,010	0,079	FALSE
0,012	0,310	0,001	0,008	0,049	FALSE
-0,055	0,307	-0,001	0,007	0,049	FALSE
-0,013	0,320	-0,001	0,008	0,023	FALSE
-0,057	0,298	-0,002	0,007	0,087	FALSE
-0,011	0,299	0,000	0,011	0,010	FALSE

-0,004	0,308	0,000	0,011	0,008	FALSE
-0,061	0,286	-0,002	0,011	0,072	FALSE
-0,074	0,307	-0,003	0,009	0,118	FALSE
-0,067	0,307	-0,002	0,007	0,114	FALSE
-0,050	0,315	-0,001	0,007	0,041	FALSE
-0,100	0,310	-0,004	0,011	0,141	FALSE
0,099	0,305	0,004	0,011	0,139	FALSE
-0,146	0,300	-0,006	0,011	0,235	FALSE
-0,054	0,301	-0,002	0,012	0,068	FALSE
-0,021	0,320	-0,001	0,013	0,027	FALSE
0,005	0,305	0,000	0,011	0,003	FALSE
0,065	0,303	0,001	0,007	0,066	FALSE
-0,043	0,314	-0,002	0,013	0,058	FALSE
-0,021	0,314	0,000	0,008	0,002	FALSE
-0,012	0,318	0,000	0,008	0,018	FALSE
0,035	0,318	0,001	0,012	0,033	FALSE
-0,060	0,320	-0,002	0,011	0,069	FALSE
0,177	0,292	0,004	0,007	0,246	FALSE
0,131	0,307	0,005	0,012	0,191	FALSE
0,051	0,307	0,002	0,007	0,086	FALSE
0,075	0,305	0,002	0,007	0,106	FALSE
-0,003	0,294	0,000	0,006	0,014	FALSE
0,007	0,314	0,000	0,007	0,007	FALSE
0,136	0,294	0,004	0,009	0,187	FALSE
-0,013	0,312	0,000	0,013	0,004	FALSE
0,059	0,299	0,003	0,013	0,078	FALSE
0,028	0,305	0,001	0,010	0,020	FALSE
0,078	0,304	0,002	0,007	0,109	FALSE
-0,017	0,302	0,000	0,013	0,007	FALSE
0,173	0,288	0,004	0,007	0,261	FALSE
0,019	0,313	0,001	0,007	0,034	FALSE
-0,006	0,319	0,000	0,007	0,023	FALSE
-0,001	0,317	0,000	0,012	0,005	FALSE
0,007	0,316	0,001	0,012	0,018	FALSE
0,039	0,317	0,002	0,013	0,063	FALSE
-0,014	0,309	-0,001	0,013	0,032	FALSE
0,059	0,331	0,002	0,008	0,073	FALSE
-0,015	0,299	0,000	0,009	0,017	FALSE
-0,029	0,312	-0,001	0,007	0,026	FALSE
0,033	0,314	0,002	0,009	0,065	FALSE
0,031	0,302	0,001	0,009	0,059	FALSE
0,111	0,292	0,003	0,008	0,162	FALSE
-0,060	0,305	-0,002	0,010	0,064	FALSE
-0,140	0,299	-0,003	0,008	0,178	FALSE
-0,115	0,298	-0,003	0,008	0,146	FALSE
-0,078	0,293	-0,002	0,006	0,101	FALSE
-0,010	0,316	0,000	0,010	0,015	FALSE
0,020	0,315	0,000	0,008	0,014	FALSE
-0,036	0,312	-0,001	0,008	0,025	FALSE
0,017	0,312	0,001	0,012	0,030	FALSE
0,145	0,304	0,004	0,010	0,177	FALSE
0,076	0,288	0,003	0,009	0,108	FALSE
0,057	0,304	0,002	0,010	0,077	FALSE

-0,049	0,296	-0,002	0,009	0,097	FALSE
0,027	0,299	0,001	0,010	0,052	FALSE
0,002	0,315	0,000	0,010	0,005	FALSE
-0,042	0,305	-0,001	0,011	0,028	FALSE
0,030	0,297	0,001	0,007	0,049	FALSE
0,019	0,303	0,000	0,008	0,016	FALSE
-0,001	0,307	0,000	0,008	0,002	FALSE
0,191	0,297	0,008	0,013	0,261	FALSE
0,027	0,320	0,001	0,012	0,043	FALSE
0,201	0,295	0,008	0,012	0,306	FALSE
0,191	0,308	0,007	0,012	0,262	FALSE
-0,100	0,299	-0,003	0,010	0,122	FALSE
0,050	0,306	0,003	0,012	0,086	FALSE
0,016	0,294	0,002	0,011	0,062	FALSE
0,229	0,284	0,011	0,012	0,427	FALSE
-0,094	0,297	-0,005	0,012	0,158	FALSE
-0,065	0,316	-0,002	0,009	0,109	FALSE
0,036	0,313	0,001	0,010	0,042	FALSE
-0,055	0,310	-0,002	0,010	0,090	FALSE
-0,009	0,311	-0,001	0,008	0,037	FALSE
-0,003	0,325	0,000	0,012	0,003	FALSE
-0,007	0,322	0,000	0,008	0,015	FALSE
-0,094	0,289	-0,004	0,010	0,143	FALSE
0,115	0,310	0,003	0,008	0,167	FALSE
0,094	0,302	0,005	0,013	0,155	FALSE
0,101	0,310	0,005	0,013	0,169	FALSE
0,096	0,306	0,002	0,006	0,100	FALSE
-0,060	0,300	-0,002	0,010	0,068	FALSE
0,141	0,303	0,003	0,007	0,203	FALSE
0,001	0,294	-0,001	0,007	0,027	FALSE
-0,058	0,306	-0,002	0,011	0,086	FALSE
0,040	0,288	0,001	0,008	0,065	FALSE
-0,058	0,313	-0,003	0,012	0,087	FALSE
0,007	0,304	0,001	0,010	0,022	FALSE
0,079	0,300	0,003	0,010	0,114	FALSE
0,054	0,302	0,001	0,007	0,064	FALSE
0,021	0,299	0,001	0,012	0,025	FALSE
-0,040	0,305	-0,001	0,010	0,055	FALSE
0,042	0,329	0,001	0,007	0,057	FALSE
0,038	0,300	0,001	0,009	0,057	FALSE
-0,185	0,293	-0,006	0,010	0,291	FALSE
0,030	0,304	0,001	0,007	0,072	FALSE
-0,126	0,303	-0,003	0,007	0,165	FALSE
-0,047	0,309	-0,001	0,007	0,052	FALSE
-0,056	0,310	-0,003	0,013	0,087	FALSE
-0,134	0,304	-0,004	0,011	0,151	FALSE
0,074	0,306	0,002	0,008	0,085	FALSE
-0,003	0,310	0,000	0,007	0,010	FALSE
-0,034	0,308	-0,001	0,010	0,021	FALSE
0,092	0,292	0,003	0,009	0,145	FALSE
0,012	0,312	0,000	0,007	0,018	FALSE
0,061	0,301	0,003	0,010	0,133	FALSE
-0,050	0,314	-0,002	0,011	0,056	FALSE

-0,036	0,314	-0,001	0,011	0,036	FALSE
0,069	0,306	0,002	0,007	0,126	FALSE
0,111	0,300	0,004	0,012	0,145	FALSE
-0,109	0,311	-0,002	0,008	0,114	FALSE
0,120	0,306	0,005	0,010	0,195	FALSE
0,050	0,318	0,002	0,009	0,067	FALSE
-0,093	0,307	-0,002	0,008	0,110	FALSE
-0,035	0,301	-0,001	0,006	0,061	FALSE
-0,075	0,283	-0,002	0,007	0,090	FALSE
-0,013	0,303	0,000	0,007	0,021	FALSE
-0,057	0,302	-0,002	0,008	0,084	FALSE
0,088	0,308	0,002	0,007	0,122	FALSE
0,002	0,299	0,000	0,006	0,001	FALSE
0,074	0,303	0,002	0,008	0,084	FALSE
-0,131	0,315	-0,003	0,007	0,167	FALSE
-0,080	0,322	-0,002	0,008	0,106	FALSE
-0,067	0,300	-0,002	0,007	0,094	FALSE
-0,025	0,315	-0,001	0,006	0,051	FALSE
0,162	0,298	0,007	0,012	0,247	FALSE
-0,106	0,310	-0,003	0,007	0,159	FALSE
-0,042	0,303	0,000	0,006	0,028	FALSE
0,035	0,326	0,001	0,008	0,023	FALSE
-0,204	0,290	-0,008	0,012	0,307	FALSE
-0,024	0,311	-0,001	0,010	0,033	FALSE
0,191	0,311	0,009	0,013	0,309	FALSE
-0,033	0,307	-0,001	0,013	0,042	FALSE
0,023	0,317	0,001	0,009	0,030	FALSE
0,154	0,303	0,004	0,008	0,221	FALSE
-0,010	0,313	0,000	0,012	0,004	FALSE
0,106	0,327	0,004	0,014	0,118	FALSE
0,139	0,318	0,003	0,007	0,176	FALSE
-0,119	0,314	-0,004	0,009	0,166	FALSE
0,010	0,296	0,000	0,009	0,015	FALSE
-0,005	0,298	0,000	0,008	0,005	FALSE
0,139	0,312	0,004	0,008	0,187	FALSE
-0,108	0,322	-0,004	0,012	0,141	FALSE
0,043	0,314	0,001	0,013	0,036	FALSE
0,016	0,320	0,000	0,012	0,008	FALSE
-0,127	0,298	-0,003	0,007	0,182	FALSE
0,010	0,300	0,001	0,009	0,025	FALSE
-0,089	0,311	-0,003	0,010	0,135	FALSE
0,070	0,319	0,002	0,008	0,079	FALSE
0,027	0,311	0,001	0,008	0,036	FALSE
0,113	0,298	0,003	0,007	0,159	FALSE
0,107	0,298	0,003	0,011	0,124	FALSE
0,036	0,310	0,001	0,010	0,025	FALSE
0,011	0,308	0,001	0,011	0,022	FALSE
-0,075	0,322	-0,002	0,009	0,107	FALSE
0,042	0,301	0,001	0,007	0,064	FALSE
0,089	0,304	0,003	0,009	0,131	FALSE
-0,124	0,299	-0,005	0,011	0,185	FALSE
0,102	0,296	0,004	0,013	0,129	FALSE
0,008	0,302	0,000	0,009	0,015	FALSE

-0,038	0,309	-0,002	0,012	0,054	FALSE
0,027	0,305	0,001	0,011	0,032	FALSE
0,106	0,315	0,004	0,009	0,175	FALSE
-0,109	0,313	-0,003	0,008	0,143	FALSE
-0,100	0,314	-0,002	0,007	0,092	FALSE
0,005	0,308	0,000	0,012	0,006	FALSE
-0,054	0,303	-0,002	0,009	0,098	FALSE
0,084	0,304	0,004	0,011	0,152	FALSE
0,089	0,307	0,004	0,011	0,150	FALSE
-0,033	0,311	-0,002	0,013	0,066	FALSE
0,081	0,322	0,004	0,012	0,119	FALSE
0,141	0,310	0,007	0,013	0,217	FALSE
0,017	0,311	0,001	0,010	0,037	FALSE
-0,018	0,300	-0,002	0,012	0,054	FALSE
0,055	0,294	0,001	0,008	0,073	FALSE
0,025	0,319	0,000	0,010	0,007	FALSE
0,025	0,312	0,001	0,008	0,035	FALSE
-0,059	0,307	-0,002	0,013	0,065	FALSE
-0,047	0,306	-0,001	0,008	0,034	FALSE
0,032	0,309	0,001	0,006	0,059	FALSE
-0,075	0,308	-0,003	0,011	0,121	FALSE
0,028	0,313	0,000	0,007	0,021	FALSE
0,113	0,303	0,003	0,012	0,109	FALSE
0,002	0,305	0,001	0,007	0,027	FALSE
0,089	0,309	0,002	0,007	0,099	FALSE
-0,097	0,311	-0,003	0,012	0,109	FALSE
-0,078	0,307	-0,002	0,008	0,101	FALSE
-0,021	0,301	-0,001	0,007	0,042	FALSE
-0,025	0,299	0,000	0,008	0,019	FALSE
0,045	0,305	0,001	0,007	0,060	FALSE
-0,016	0,311	0,000	0,009	0,003	FALSE
-0,012	0,315	-0,001	0,012	0,015	FALSE
-0,014	0,323	0,000	0,008	0,012	FALSE
-0,104	0,301	-0,004	0,010	0,142	FALSE
-0,092	0,305	-0,003	0,010	0,131	FALSE
0,101	0,299	0,004	0,012	0,117	FALSE
-0,080	0,311	-0,003	0,012	0,108	FALSE
-0,101	0,299	-0,005	0,012	0,163	FALSE
-0,079	0,294	-0,001	0,008	0,068	FALSE
-0,110	0,301	-0,002	0,008	0,107	FALSE
0,101	0,298	0,002	0,007	0,120	FALSE
0,000	0,290	-0,001	0,011	0,025	FALSE
0,110	0,316	0,003	0,008	0,124	FALSE
-0,090	0,322	-0,003	0,008	0,118	FALSE
0,045	0,294	0,001	0,007	0,065	FALSE
-0,040	0,295	-0,001	0,008	0,050	FALSE
0,017	0,306	0,000	0,009	0,018	FALSE
-0,031	0,312	-0,002	0,013	0,050	FALSE
-0,111	0,306	-0,005	0,013	0,156	FALSE
-0,049	0,307	-0,002	0,013	0,051	FALSE
0,045	0,313	0,001	0,008	0,030	FALSE
-0,059	0,317	-0,002	0,011	0,062	FALSE
-0,007	0,311	0,000	0,011	0,005	FALSE

0,053	0,308	0,002	0,006	0,097	FALSE
0,025	0,317	0,001	0,007	0,051	FALSE
-0,050	0,317	-0,002	0,011	0,050	FALSE
-0,047	0,315	-0,001	0,011	0,044	FALSE
-0,049	0,303	-0,002	0,009	0,089	FALSE
0,055	0,302	0,002	0,013	0,044	FALSE
-0,050	0,308	-0,002	0,010	0,075	FALSE
-0,033	0,307	-0,001	0,007	0,040	FALSE
0,066	0,295	0,003	0,010	0,129	FALSE
0,107	0,306	0,005	0,010	0,185	FALSE
-0,051	0,305	-0,001	0,007	0,077	FALSE
0,115	0,316	0,004	0,011	0,130	FALSE
0,161	0,301	0,004	0,007	0,234	FALSE
0,129	0,315	0,003	0,008	0,174	FALSE
0,015	0,319	0,000	0,010	0,016	FALSE
0,029	0,309	0,001	0,010	0,035	FALSE
-0,012	0,314	0,000	0,006	0,023	FALSE
-0,036	0,315	-0,001	0,008	0,051	FALSE
-0,117	0,313	-0,004	0,010	0,175	FALSE
0,071	0,309	0,002	0,010	0,070	FALSE
0,051	0,309	0,001	0,007	0,062	FALSE
-0,084	0,310	-0,003	0,012	0,114	FALSE
0,075	0,295	0,002	0,006	0,103	FALSE
0,042	0,324	0,001	0,009	0,052	FALSE
-0,046	0,306	-0,001	0,012	0,046	FALSE
-0,047	0,306	-0,001	0,006	0,063	FALSE
-0,101	0,312	-0,003	0,010	0,144	FALSE
0,080	0,308	0,004	0,012	0,118	FALSE
-0,026	0,312	-0,001	0,011	0,021	FALSE
0,054	0,302	0,002	0,011	0,083	FALSE
-0,011	0,304	0,000	0,009	0,003	FALSE
0,083	0,293	0,003	0,008	0,148	FALSE
0,108	0,302	0,004	0,009	0,185	FALSE
0,104	0,291	0,004	0,008	0,180	FALSE
-0,028	0,313	0,000	0,010	0,008	FALSE
-0,070	0,301	-0,002	0,011	0,062	FALSE
-0,063	0,307	-0,001	0,011	0,041	FALSE
-0,079	0,312	-0,002	0,008	0,103	FALSE
0,079	0,301	0,001	0,008	0,072	FALSE
0,081	0,298	0,002	0,007	0,079	FALSE
0,027	0,297	0,000	0,012	0,011	FALSE
0,013	0,308	0,000	0,013	0,003	FALSE
0,008	0,302	0,000	0,013	0,007	FALSE
0,030	0,305	0,000	0,013	0,008	FALSE
-0,111	0,301	-0,003	0,007	0,161	FALSE
0,013	0,301	0,000	0,012	0,006	FALSE
-0,002	0,289	-0,001	0,012	0,029	FALSE
0,050	0,303	0,001	0,012	0,037	FALSE
-0,079	0,313	-0,002	0,009	0,075	FALSE
-0,138	0,300	-0,003	0,006	0,172	FALSE
-0,019	0,306	-0,001	0,011	0,024	FALSE
0,066	0,314	0,001	0,007	0,054	FALSE
-0,017	0,307	-0,002	0,013	0,043	FALSE

-0,102	0,297	-0,004	0,010	0,159	FALSE
-0,003	0,300	0,000	0,007	0,020	FALSE
0,121	0,321	0,003	0,007	0,146	FALSE
0,047	0,322	0,003	0,013	0,071	FALSE
-0,076	0,307	-0,002	0,007	0,091	FALSE
-0,078	0,316	-0,002	0,007	0,089	FALSE
0,180	0,303	0,005	0,009	0,275	FALSE
0,072	0,303	0,002	0,011	0,087	FALSE
0,085	0,310	0,003	0,013	0,098	FALSE
-0,006	0,296	-0,001	0,006	0,044	FALSE
-0,097	0,314	-0,003	0,009	0,140	FALSE
0,073	0,326	0,003	0,013	0,082	FALSE
0,111	0,305	0,003	0,007	0,150	FALSE
-0,010	0,297	0,000	0,008	0,003	FALSE
-0,004	0,312	0,001	0,011	0,020	FALSE
-0,073	0,300	-0,002	0,011	0,080	FALSE
-0,026	0,324	-0,001	0,013	0,027	FALSE
0,130	0,298	0,003	0,007	0,165	FALSE
0,145	0,314	0,003	0,007	0,162	FALSE
-0,009	0,304	0,000	0,008	0,002	FALSE
-0,159	0,318	-0,003	0,007	0,189	FALSE
0,079	0,305	0,002	0,013	0,068	FALSE
-0,051	0,311	-0,001	0,008	0,052	FALSE
-0,054	0,317	-0,002	0,012	0,060	FALSE
-0,021	0,305	0,000	0,007	0,019	FALSE
0,017	0,299	0,000	0,012	0,006	FALSE
-0,018	0,301	-0,001	0,012	0,038	FALSE
-0,021	0,313	0,000	0,009	0,012	FALSE
0,025	0,324	0,001	0,010	0,020	FALSE
0,050	0,321	0,001	0,009	0,049	FALSE
-0,079	0,308	-0,004	0,012	0,126	FALSE
-0,006	0,296	0,000	0,009	0,004	FALSE
-0,147	0,296	-0,004	0,008	0,240	FALSE
0,067	0,316	0,003	0,010	0,113	FALSE
0,099	0,296	0,002	0,006	0,120	FALSE
0,052	0,303	0,001	0,006	0,074	FALSE
0,015	0,319	0,001	0,007	0,042	FALSE
0,096	0,311	0,003	0,008	0,127	FALSE
-0,022	0,314	-0,002	0,012	0,046	FALSE
0,031	0,302	0,001	0,009	0,050	FALSE
-0,118	0,290	-0,003	0,008	0,167	FALSE
0,023	0,307	0,001	0,007	0,029	FALSE
0,032	0,304	0,000	0,012	0,007	FALSE
0,159	0,300	0,004	0,007	0,227	FALSE
0,003	0,313	0,000	0,010	0,011	FALSE
-0,120	0,313	-0,002	0,007	0,153	FALSE
0,057	0,295	0,002	0,011	0,065	FALSE
0,048	0,306	0,002	0,009	0,065	FALSE
0,025	0,319	0,000	0,012	0,000	FALSE
0,129	0,305	0,004	0,011	0,148	FALSE
0,012	0,294	0,001	0,013	0,022	FALSE
0,028	0,307	0,001	0,011	0,027	FALSE
0,002	0,306	0,000	0,007	0,006	FALSE

0,113	0,297	0,004	0,009	0,206	FALSE
0,014	0,298	0,000	0,007	0,018	FALSE
-0,011	0,314	-0,001	0,012	0,020	FALSE
0,064	0,301	0,001	0,007	0,057	FALSE
-0,012	0,321	-0,001	0,012	0,031	FALSE
-0,033	0,294	0,000	0,007	0,024	FALSE
-0,016	0,306	-0,001	0,009	0,028	FALSE
0,066	0,316	0,002	0,012	0,046	FALSE
-0,083	0,318	-0,002	0,007	0,111	FALSE
-0,013	0,296	0,000	0,006	0,019	FALSE
0,025	0,309	0,001	0,009	0,045	FALSE
-0,092	0,297	-0,003	0,008	0,129	FALSE
-0,001	0,307	-0,001	0,009	0,029	FALSE
0,033	0,311	0,001	0,012	0,039	FALSE
0,136	0,302	0,003	0,006	0,161	FALSE
0,036	0,313	0,001	0,013	0,039	FALSE
-0,007	0,303	0,000	0,006	0,017	FALSE
0,122	0,303	0,004	0,010	0,175	FALSE
-0,057	0,299	-0,002	0,008	0,085	FALSE
0,152	0,288	0,007	0,012	0,248	FALSE
-0,153	0,299	-0,006	0,011	0,241	FALSE
0,028	0,314	0,001	0,008	0,037	FALSE
0,020	0,304	0,001	0,010	0,019	FALSE
0,048	0,310	0,001	0,007	0,055	FALSE
0,056	0,322	0,002	0,011	0,070	FALSE
-0,071	0,312	-0,002	0,007	0,109	FALSE
-0,030	0,310	0,000	0,007	0,004	FALSE
0,093	0,316	0,004	0,013	0,120	FALSE
0,026	0,311	0,000	0,007	0,015	FALSE
0,142	0,290	0,005	0,012	0,189	FALSE
0,054	0,314	0,001	0,009	0,038	FALSE
0,221	0,297	0,009	0,013	0,308	FALSE
0,096	0,297	0,002	0,008	0,106	FALSE
0,177	0,287	0,005	0,010	0,222	FALSE
-0,156	0,300	-0,005	0,009	0,214	FALSE
-0,114	0,311	-0,003	0,011	0,125	FALSE
0,125	0,306	0,005	0,012	0,173	FALSE
-0,040	0,303	-0,001	0,007	0,059	FALSE
0,105	0,311	0,005	0,013	0,155	FALSE
-0,037	0,319	-0,001	0,009	0,050	FALSE
0,051	0,310	0,003	0,012	0,095	FALSE
0,075	0,305	0,003	0,011	0,117	FALSE
-0,072	0,297	-0,004	0,012	0,129	FALSE
-0,145	0,304	-0,005	0,009	0,224	FALSE
0,007	0,309	0,001	0,010	0,028	FALSE
0,184	0,313	0,006	0,011	0,240	FALSE
-0,135	0,304	-0,005	0,012	0,188	FALSE
0,110	0,300	0,003	0,007	0,179	FALSE
0,057	0,301	0,001	0,006	0,079	FALSE
-0,035	0,316	-0,001	0,012	0,036	FALSE
-0,041	0,286	-0,001	0,008	0,030	FALSE
-0,002	0,312	-0,001	0,012	0,020	FALSE
-0,022	0,305	-0,001	0,007	0,031	FALSE

0,076	0,304	0,002	0,008	0,099	FALSE
0,076	0,306	0,002	0,007	0,086	FALSE
-0,101	0,307	-0,004	0,011	0,144	FALSE
-0,068	0,319	-0,002	0,013	0,070	FALSE
0,033	0,315	0,001	0,008	0,041	FALSE
-0,017	0,305	-0,001	0,012	0,029	FALSE
0,042	0,321	0,001	0,013	0,029	FALSE
-0,023	0,297	0,000	0,007	0,007	FALSE
0,047	0,314	0,002	0,010	0,075	FALSE
-0,149	0,305	-0,004	0,009	0,189	FALSE
-0,106	0,300	-0,002	0,007	0,135	FALSE
0,047	0,304	0,002	0,011	0,068	FALSE
0,067	0,308	0,003	0,012	0,106	FALSE
0,008	0,309	0,000	0,011	0,002	FALSE
0,072	0,309	0,002	0,009	0,097	FALSE
-0,040	0,310	-0,001	0,011	0,044	FALSE
0,065	0,323	0,003	0,011	0,089	FALSE
-0,089	0,306	-0,002	0,007	0,094	FALSE
0,007	0,311	0,001	0,011	0,025	FALSE
-0,021	0,313	0,000	0,013	0,008	FALSE
0,026	0,314	0,002	0,013	0,055	FALSE
0,132	0,298	0,006	0,013	0,206	FALSE
-0,037	0,307	-0,001	0,010	0,051	FALSE
-0,033	0,308	0,000	0,008	0,020	FALSE
-0,039	0,297	-0,002	0,007	0,082	FALSE
0,095	0,301	0,003	0,012	0,107	FALSE
0,111	0,295	0,005	0,012	0,186	FALSE
0,061	0,300	0,002	0,007	0,105	FALSE
-0,042	0,301	-0,003	0,012	0,087	FALSE
0,033	0,310	0,001	0,012	0,031	FALSE
0,067	0,296	0,002	0,008	0,077	FALSE
0,032	0,310	0,001	0,007	0,047	FALSE
0,016	0,310	0,000	0,011	0,010	FALSE
0,061	0,303	0,002	0,013	0,068	FALSE
0,187	0,300	0,004	0,007	0,249	FALSE
-0,177	0,289	-0,005	0,008	0,268	FALSE
-0,229	0,302	-0,010	0,012	0,413	FALSE
0,076	0,308	0,002	0,008	0,079	FALSE
0,083	0,334	0,003	0,012	0,086	FALSE
0,115	0,307	0,003	0,009	0,155	FALSE
-0,041	0,314	-0,001	0,010	0,047	FALSE
0,119	0,296	0,004	0,010	0,155	FALSE
0,077	0,305	0,003	0,008	0,125	FALSE
-0,052	0,304	-0,003	0,013	0,086	FALSE
-0,037	0,303	-0,001	0,013	0,031	FALSE
-0,092	0,302	-0,003	0,009	0,117	FALSE
-0,066	0,321	-0,004	0,013	0,110	FALSE
-0,064	0,312	-0,002	0,008	0,086	FALSE
0,019	0,307	0,001	0,008	0,051	FALSE
-0,019	0,302	0,000	0,011	0,013	FALSE
0,004	0,323	0,000	0,009	0,001	FALSE
-0,037	0,321	-0,001	0,008	0,036	FALSE
-0,073	0,310	-0,004	0,013	0,123	FALSE

-0,081	0,301	-0,004	0,013	0,137	FALSE
-0,007	0,312	-0,001	0,007	0,036	FALSE
-0,003	0,319	0,000	0,012	0,011	FALSE
-0,037	0,321	-0,001	0,012	0,036	FALSE
-0,060	0,304	-0,001	0,008	0,054	FALSE
-0,008	0,299	0,000	0,009	0,018	FALSE
0,077	0,309	0,002	0,009	0,082	FALSE
-0,045	0,305	-0,002	0,012	0,073	FALSE
-0,044	0,308	-0,002	0,012	0,065	FALSE
0,004	0,318	0,001	0,008	0,025	FALSE
0,085	0,307	0,003	0,012	0,097	FALSE
0,064	0,296	0,002	0,011	0,082	FALSE
-0,076	0,288	-0,004	0,012	0,122	FALSE
0,007	0,305	0,000	0,007	0,006	FALSE
-0,013	0,282	0,000	0,006	0,028	FALSE
0,194	0,293	0,006	0,009	0,315	FALSE
0,080	0,313	0,003	0,013	0,091	FALSE
-0,062	0,315	-0,002	0,008	0,073	FALSE
0,050	0,309	0,000	0,010	0,016	FALSE
0,158	0,290	0,004	0,008	0,202	FALSE
0,034	0,301	0,001	0,012	0,034	FALSE
0,077	0,304	0,003	0,010	0,100	FALSE
0,120	0,294	0,003	0,007	0,173	FALSE
-0,103	0,297	-0,002	0,007	0,107	FALSE
0,025	0,301	0,001	0,008	0,055	FALSE
0,039	0,297	0,002	0,010	0,066	FALSE
-0,104	0,314	-0,002	0,008	0,115	FALSE
-0,129	0,305	-0,003	0,007	0,158	FALSE
0,073	0,298	0,001	0,006	0,050	FALSE
0,081	0,310	0,001	0,007	0,078	FALSE
-0,155	0,299	-0,005	0,009	0,245	FALSE
0,013	0,312	0,001	0,011	0,030	FALSE
0,004	0,313	0,001	0,012	0,023	FALSE
0,214	0,300	0,008	0,012	0,324	FALSE
0,028	0,304	0,002	0,012	0,054	FALSE
0,079	0,298	0,003	0,011	0,122	FALSE
-0,008	0,302	-0,001	0,012	0,032	FALSE
-0,047	0,312	-0,001	0,008	0,042	FALSE
-0,047	0,303	-0,001	0,007	0,031	FALSE
-0,042	0,306	-0,001	0,007	0,050	FALSE
-0,049	0,314	-0,003	0,012	0,089	FALSE
-0,002	0,310	0,001	0,012	0,018	FALSE
-0,026	0,310	0,000	0,007	0,012	FALSE
0,168	0,301	0,005	0,009	0,263	FALSE
-0,058	0,313	-0,001	0,009	0,062	FALSE
0,154	0,303	0,003	0,007	0,204	FALSE
-0,006	0,300	0,000	0,008	0,017	FALSE
-0,036	0,310	-0,001	0,007	0,028	FALSE
0,128	0,300	0,003	0,007	0,169	FALSE
-0,042	0,303	-0,001	0,007	0,033	FALSE
-0,127	0,317	-0,003	0,007	0,174	FALSE
0,072	0,300	0,003	0,013	0,103	FALSE
0,065	0,311	0,002	0,013	0,070	FALSE

0,097	0,294	0,003	0,012	0,108	FALSE
-0,017	0,309	-0,001	0,008	0,024	FALSE
0,009	0,314	0,000	0,008	0,004	FALSE
-0,055	0,295	-0,001	0,007	0,056	FALSE
-0,112	0,310	-0,003	0,008	0,138	FALSE
0,130	0,306	0,005	0,009	0,217	FALSE
-0,110	0,298	-0,003	0,010	0,126	FALSE
0,078	0,308	0,003	0,011	0,094	FALSE
0,090	0,313	0,002	0,007	0,124	FALSE
0,001	0,302	0,000	0,007	0,014	FALSE
0,100	0,309	0,002	0,007	0,138	FALSE
0,002	0,305	0,000	0,011	0,005	FALSE
0,037	0,295	0,001	0,009	0,048	FALSE
0,004	0,312	0,000	0,009	0,014	FALSE
-0,124	0,295	-0,005	0,013	0,167	FALSE
0,154	0,301	0,005	0,009	0,235	FALSE
0,173	0,296	0,004	0,006	0,257	FALSE
-0,022	0,305	0,000	0,012	0,011	FALSE
0,024	0,286	0,000	0,007	0,002	FALSE
0,028	0,307	0,000	0,007	0,006	FALSE
-0,004	0,306	0,000	0,011	0,009	FALSE
0,010	0,306	0,000	0,012	0,005	FALSE
0,062	0,299	0,002	0,009	0,063	FALSE
-0,133	0,311	-0,004	0,010	0,171	FALSE
0,037	0,309	0,001	0,011	0,037	FALSE
-0,105	0,303	-0,002	0,007	0,123	FALSE
-0,005	0,291	-0,001	0,012	0,023	FALSE
0,019	0,313	0,001	0,011	0,020	FALSE
0,011	0,325	0,000	0,013	0,003	FALSE
0,108	0,308	0,004	0,010	0,164	FALSE
-0,024	0,309	-0,001	0,009	0,032	FALSE
-0,142	0,302	-0,007	0,012	0,237	FALSE
-0,073	0,316	-0,002	0,011	0,085	FALSE
-0,014	0,294	0,000	0,008	0,008	FALSE
0,044	0,304	0,001	0,010	0,052	FALSE
0,088	0,319	0,002	0,009	0,100	FALSE
-0,031	0,303	-0,001	0,007	0,035	FALSE
0,064	0,284	0,001	0,009	0,054	FALSE
0,029	0,308	0,000	0,010	0,009	FALSE
-0,068	0,313	-0,002	0,009	0,091	FALSE
-0,058	0,312	-0,002	0,008	0,078	FALSE
-0,136	0,295	-0,003	0,007	0,196	FALSE
-0,046	0,308	-0,002	0,013	0,063	FALSE
0,025	0,303	0,001	0,013	0,018	FALSE
-0,074	0,328	-0,002	0,012	0,075	FALSE
-0,070	0,321	-0,002	0,012	0,071	FALSE
-0,038	0,316	-0,002	0,012	0,059	FALSE
0,027	0,303	0,001	0,007	0,066	FALSE
0,045	0,281	0,001	0,011	0,046	FALSE
0,078	0,309	0,003	0,010	0,109	FALSE
0,087	0,310	0,003	0,010	0,132	FALSE
0,128	0,292	0,005	0,010	0,195	FALSE
-0,044	0,308	-0,001	0,009	0,048	FALSE

0,153	0,310	0,006	0,012	0,195	FALSE
0,102	0,300	0,003	0,007	0,141	FALSE
0,070	0,312	0,003	0,012	0,084	FALSE
0,008	0,300	0,001	0,012	0,032	FALSE
-0,004	0,309	0,000	0,013	0,013	FALSE
0,013	0,317	0,001	0,013	0,030	FALSE
-0,035	0,295	-0,001	0,007	0,026	FALSE
0,066	0,305	0,002	0,013	0,063	FALSE
-0,044	0,304	-0,001	0,009	0,042	FALSE
-0,047	0,293	-0,001	0,007	0,083	FALSE
-0,085	0,306	-0,003	0,008	0,135	FALSE
-0,063	0,310	-0,002	0,009	0,088	FALSE
0,022	0,310	0,001	0,012	0,030	FALSE
-0,063	0,306	-0,002	0,010	0,071	FALSE
0,066	0,303	0,002	0,013	0,062	FALSE
0,012	0,298	0,000	0,007	0,008	FALSE
0,117	0,299	0,005	0,012	0,153	FALSE
0,131	0,309	0,006	0,013	0,190	FALSE
-0,027	0,309	0,000	0,008	0,008	FALSE
-0,158	0,289	-0,005	0,009	0,223	FALSE
0,115	0,296	0,003	0,006	0,193	FALSE
-0,059	0,291	-0,001	0,011	0,032	FALSE
0,219	0,288	0,007	0,011	0,295	FALSE
0,063	0,295	0,001	0,007	0,053	FALSE
-0,041	0,304	-0,001	0,012	0,024	FALSE
-0,024	0,310	-0,001	0,008	0,031	FALSE
0,061	0,309	0,003	0,012	0,104	FALSE
0,023	0,313	0,000	0,007	0,001	FALSE
0,070	0,307	0,001	0,007	0,064	FALSE
-0,098	0,317	-0,003	0,010	0,097	FALSE
0,084	0,310	0,002	0,009	0,098	FALSE
-0,065	0,316	-0,001	0,008	0,045	FALSE
0,018	0,319	0,000	0,008	0,009	FALSE
-0,028	0,310	-0,001	0,009	0,038	FALSE
0,143	0,307	0,004	0,008	0,184	FALSE
-0,101	0,302	-0,005	0,013	0,158	FALSE
-0,064	0,305	-0,002	0,012	0,055	FALSE
-0,033	0,304	-0,001	0,009	0,037	FALSE
-0,107	0,308	-0,003	0,010	0,131	FALSE
-0,021	0,314	0,000	0,009	0,011	FALSE
-0,081	0,309	-0,002	0,010	0,094	FALSE
-0,057	0,312	-0,001	0,007	0,077	FALSE
-0,011	0,304	-0,001	0,011	0,040	FALSE
-0,023	0,303	-0,001	0,007	0,033	FALSE
-0,023	0,309	0,000	0,007	0,024	FALSE
0,068	0,308	0,002	0,009	0,086	FALSE
0,060	0,297	0,003	0,012	0,082	FALSE
0,086	0,310	0,003	0,010	0,102	FALSE
0,123	0,296	0,003	0,009	0,152	FALSE
-0,053	0,314	-0,002	0,010	0,062	FALSE
-0,047	0,303	-0,002	0,011	0,062	FALSE
0,003	0,310	0,000	0,009	0,007	FALSE
0,034	0,315	0,001	0,013	0,027	FALSE

-0,034	0,315	0,000	0,008	0,012	FALSE
-0,042	0,303	-0,002	0,011	0,079	FALSE
-0,126	0,306	-0,005	0,010	0,210	FALSE
-0,054	0,309	-0,001	0,007	0,049	FALSE
-0,055	0,296	-0,002	0,013	0,048	FALSE
-0,070	0,303	-0,003	0,012	0,080	FALSE
-0,002	0,316	0,000	0,012	0,012	FALSE
-0,042	0,310	-0,001	0,009	0,046	FALSE
0,074	0,303	0,002	0,006	0,111	FALSE
0,033	0,310	0,001	0,007	0,039	FALSE
0,041	0,317	0,002	0,012	0,055	FALSE
-0,025	0,310	0,000	0,009	0,004	FALSE
0,040	0,323	0,001	0,007	0,038	FALSE
-0,086	0,301	-0,002	0,007	0,130	FALSE
-0,047	0,323	-0,001	0,008	0,072	FALSE
0,010	0,289	0,000	0,007	0,016	FALSE
-0,072	0,313	-0,004	0,013	0,107	FALSE
0,007	0,325	0,000	0,013	0,011	FALSE
-0,074	0,310	-0,001	0,007	0,068	FALSE
-0,064	0,307	-0,002	0,011	0,071	FALSE
-0,007	0,309	0,000	0,010	0,003	FALSE
0,087	0,306	0,004	0,011	0,127	FALSE
-0,116	0,316	-0,004	0,010	0,154	FALSE
-0,071	0,304	-0,002	0,009	0,099	FALSE
-0,060	0,302	-0,002	0,013	0,065	FALSE
-0,016	0,305	0,000	0,013	0,008	FALSE
-0,040	0,315	-0,002	0,012	0,047	FALSE
0,051	0,314	0,002	0,008	0,083	FALSE
0,193	0,291	0,007	0,009	0,336	FALSE
0,045	0,309	0,001	0,006	0,066	FALSE
-0,090	0,315	-0,004	0,011	0,152	FALSE
-0,078	0,292	-0,002	0,007	0,095	FALSE
-0,085	0,302	-0,002	0,007	0,096	FALSE
0,019	0,319	0,000	0,008	0,015	FALSE
-0,012	0,310	0,000	0,007	0,003	FALSE
-0,020	0,312	0,000	0,007	0,005	FALSE
-0,029	0,310	-0,001	0,013	0,024	FALSE
-0,042	0,286	-0,002	0,009	0,065	FALSE
-0,131	0,306	-0,005	0,010	0,189	FALSE
0,011	0,300	-0,001	0,012	0,028	FALSE
0,028	0,296	0,002	0,010	0,063	FALSE
0,023	0,303	0,002	0,011	0,065	FALSE
0,155	0,313	0,007	0,013	0,222	FALSE
0,006	0,310	0,000	0,011	0,008	FALSE
-0,052	0,322	-0,001	0,008	0,054	FALSE
0,082	0,310	0,002	0,007	0,080	FALSE
-0,027	0,317	-0,001	0,012	0,036	FALSE
-0,037	0,314	-0,001	0,007	0,029	FALSE
-0,049	0,308	-0,002	0,007	0,077	FALSE
0,023	0,315	0,000	0,011	0,009	FALSE
0,110	0,301	0,005	0,013	0,151	FALSE
0,065	0,309	0,002	0,008	0,078	FALSE
0,117	0,288	0,003	0,007	0,183	FALSE

0,049	0,314	0,001	0,007	0,039	FALSE
-0,107	0,289	-0,003	0,008	0,146	FALSE
-0,154	0,298	-0,003	0,007	0,188	FALSE
-0,073	0,303	-0,002	0,007	0,098	FALSE
-0,013	0,303	-0,001	0,008	0,023	FALSE
-0,037	0,297	-0,001	0,007	0,043	FALSE
-0,034	0,314	-0,001	0,007	0,048	FALSE
-0,005	0,304	0,000	0,006	0,011	FALSE
-0,105	0,307	-0,004	0,011	0,148	FALSE
0,078	0,313	0,001	0,008	0,066	FALSE
0,065	0,296	0,003	0,013	0,080	FALSE
0,002	0,303	0,000	0,009	0,007	FALSE
0,025	0,310	0,001	0,007	0,032	FALSE
0,006	0,317	0,000	0,013	0,001	FALSE
-0,013	0,306	0,000	0,006	0,025	FALSE
0,033	0,308	0,001	0,007	0,044	FALSE
-0,084	0,312	-0,002	0,009	0,074	FALSE
0,009	0,320	0,000	0,012	0,005	FALSE
-0,074	0,305	-0,001	0,007	0,075	FALSE
-0,096	0,313	-0,002	0,010	0,083	FALSE
-0,067	0,298	-0,002	0,010	0,060	FALSE
-0,096	0,296	-0,004	0,012	0,134	FALSE
0,100	0,316	0,004	0,011	0,125	FALSE
-0,054	0,329	-0,001	0,010	0,044	FALSE
-0,044	0,304	-0,001	0,007	0,046	FALSE
-0,029	0,316	-0,001	0,011	0,033	FALSE
0,009	0,315	0,000	0,009	0,004	FALSE
0,021	0,305	0,001	0,010	0,030	FALSE
0,038	0,312	0,001	0,007	0,027	FALSE
0,070	0,307	0,002	0,007	0,094	FALSE
0,056	0,308	0,002	0,009	0,087	FALSE
0,018	0,302	0,001	0,010	0,019	FALSE
0,037	0,310	0,001	0,007	0,038	FALSE
0,003	0,302	0,000	0,012	0,002	FALSE
-0,030	0,317	-0,001	0,013	0,036	FALSE
-0,120	0,304	-0,004	0,009	0,165	FALSE
0,001	0,290	-0,001	0,010	0,030	FALSE
0,073	0,313	0,003	0,013	0,086	FALSE
0,087	0,316	0,002	0,007	0,127	FALSE
0,002	0,312	0,000	0,010	0,003	FALSE
0,043	0,314	0,001	0,007	0,048	FALSE
-0,132	0,317	-0,003	0,007	0,185	FALSE
-0,085	0,309	-0,003	0,010	0,104	FALSE
0,101	0,314	0,003	0,010	0,110	FALSE
-0,137	0,283	-0,006	0,010	0,234	FALSE
-0,053	0,310	-0,002	0,010	0,060	FALSE
-0,082	0,310	-0,002	0,009	0,109	FALSE
-0,029	0,312	-0,001	0,012	0,019	FALSE
-0,224	0,292	-0,009	0,012	0,329	FALSE
-0,005	0,303	0,000	0,007	0,014	FALSE
-0,046	0,314	-0,002	0,012	0,061	FALSE
-0,096	0,305	-0,003	0,011	0,112	FALSE
-0,094	0,294	-0,002	0,010	0,086	FALSE

-0,038	0,309	-0,001	0,007	0,063	FALSE
-0,130	0,311	-0,004	0,009	0,173	FALSE
-0,005	0,295	0,000	0,007	0,012	FALSE
0,106	0,314	0,003	0,008	0,126	FALSE
-0,039	0,306	0,000	0,008	0,013	FALSE
0,009	0,291	0,000	0,009	0,015	FALSE
0,028	0,304	0,000	0,008	0,018	FALSE
0,003	0,327	-0,001	0,010	0,034	FALSE
-0,003	0,320	-0,001	0,010	0,023	FALSE
-0,030	0,300	-0,001	0,010	0,048	FALSE
-0,059	0,324	-0,002	0,007	0,079	FALSE
0,017	0,325	0,001	0,010	0,022	FALSE
0,019	0,308	0,000	0,009	0,002	FALSE
-0,059	0,316	-0,003	0,013	0,093	FALSE
0,016	0,323	0,001	0,011	0,019	FALSE
-0,060	0,302	-0,003	0,012	0,086	FALSE
-0,065	0,303	-0,003	0,012	0,087	FALSE
-0,063	0,301	-0,002	0,012	0,081	FALSE
-0,012	0,302	0,000	0,007	0,023	FALSE
0,049	0,309	0,001	0,007	0,067	FALSE
0,075	0,324	0,002	0,010	0,087	FALSE
0,091	0,308	0,002	0,007	0,122	FALSE
0,112	0,318	0,002	0,006	0,137	FALSE
0,029	0,318	0,001	0,007	0,041	FALSE
-0,037	0,314	-0,001	0,006	0,041	FALSE
-0,079	0,314	-0,003	0,010	0,107	FALSE
-0,122	0,301	-0,003	0,007	0,149	FALSE
0,189	0,304	0,007	0,011	0,277	FALSE
-0,076	0,304	-0,002	0,009	0,066	FALSE
-0,025	0,311	-0,001	0,008	0,043	FALSE
0,064	0,316	0,003	0,012	0,082	FALSE
-0,039	0,302	-0,001	0,006	0,062	FALSE
0,011	0,305	0,001	0,008	0,023	FALSE
0,113	0,311	0,003	0,007	0,162	FALSE
0,150	0,305	0,005	0,010	0,201	FALSE
0,154	0,302	0,004	0,007	0,236	FALSE
0,085	0,295	0,003	0,012	0,090	FALSE
-0,045	0,309	-0,001	0,006	0,057	FALSE
0,123	0,306	0,003	0,007	0,155	FALSE
-0,143	0,302	-0,005	0,011	0,168	FALSE
-0,071	0,312	-0,001	0,006	0,064	FALSE
-0,060	0,319	-0,002	0,010	0,055	FALSE
0,192	0,293	0,005	0,008	0,261	FALSE
-0,011	0,304	0,000	0,009	0,012	FALSE
-0,012	0,311	0,000	0,010	0,012	FALSE
-0,031	0,320	-0,001	0,010	0,028	FALSE
-0,005	0,309	0,000	0,007	0,021	FALSE
0,026	0,308	0,001	0,009	0,036	FALSE
0,034	0,311	0,001	0,006	0,033	FALSE
-0,081	0,292	-0,002	0,009	0,096	FALSE
-0,073	0,313	-0,003	0,010	0,100	FALSE
-0,072	0,312	-0,003	0,010	0,099	FALSE
-0,122	0,317	-0,004	0,009	0,173	FALSE

-0,034	0,312	-0,001	0,010	0,029	FALSE
0,015	0,309	0,001	0,007	0,035	FALSE
0,006	0,287	0,000	0,006	0,010	FALSE
0,031	0,312	0,001	0,010	0,048	FALSE
-0,003	0,306	-0,001	0,011	0,031	FALSE
-0,029	0,320	0,000	0,008	0,018	FALSE
0,060	0,294	0,002	0,007	0,078	FALSE
0,034	0,304	0,001	0,012	0,044	FALSE
0,016	0,288	0,001	0,009	0,035	FALSE
0,016	0,300	0,001	0,010	0,024	FALSE
-0,058	0,315	-0,001	0,007	0,055	FALSE
-0,067	0,302	-0,003	0,012	0,102	FALSE
-0,055	0,309	-0,002	0,012	0,069	FALSE
-0,006	0,316	0,000	0,012	0,004	FALSE
0,046	0,301	0,002	0,012	0,047	FALSE
-0,044	0,296	-0,003	0,012	0,089	FALSE
0,127	0,314	0,003	0,007	0,179	FALSE
0,088	0,318	0,002	0,006	0,144	FALSE
-0,003	0,304	0,000	0,007	0,024	FALSE
0,035	0,310	0,001	0,008	0,030	FALSE
0,152	0,303	0,004	0,007	0,222	FALSE
0,048	0,287	0,002	0,009	0,079	FALSE
-0,076	0,315	-0,003	0,010	0,099	FALSE
-0,095	0,294	-0,005	0,013	0,143	FALSE
0,066	0,308	0,002	0,011	0,051	FALSE
-0,130	0,306	-0,005	0,011	0,180	FALSE
0,003	0,304	0,000	0,012	0,014	FALSE
-0,033	0,305	-0,001	0,013	0,039	FALSE
0,114	0,311	0,004	0,009	0,205	FALSE
-0,129	0,322	-0,004	0,009	0,170	FALSE
0,056	0,306	0,001	0,008	0,051	FALSE
0,053	0,312	0,002	0,012	0,051	FALSE
-0,105	0,304	-0,004	0,010	0,161	FALSE
-0,077	0,303	-0,003	0,011	0,124	FALSE
-0,025	0,309	-0,001	0,011	0,028	FALSE
0,036	0,318	0,002	0,013	0,045	FALSE
-0,041	0,301	-0,001	0,009	0,058	FALSE
0,056	0,318	0,002	0,013	0,070	FALSE
0,038	0,313	0,001	0,011	0,044	FALSE
-0,042	0,307	-0,002	0,012	0,058	FALSE
-0,025	0,320	-0,001	0,012	0,017	FALSE
-0,008	0,307	0,000	0,008	0,013	FALSE
0,065	0,309	0,003	0,012	0,093	FALSE
0,090	0,320	0,003	0,009	0,126	FALSE
0,027	0,312	0,001	0,009	0,046	FALSE
-0,040	0,309	-0,001	0,008	0,030	FALSE
-0,048	0,308	-0,002	0,008	0,080	FALSE
0,061	0,312	0,002	0,010	0,089	FALSE
0,119	0,292	0,005	0,013	0,149	FALSE
-0,124	0,313	-0,002	0,007	0,145	FALSE
-0,020	0,293	-0,001	0,009	0,042	FALSE
-0,135	0,312	-0,003	0,007	0,189	FALSE
-0,054	0,311	-0,001	0,006	0,067	FALSE

-0,128	0,296	-0,003	0,006	0,195	FALSE
0,152	0,324	0,006	0,014	0,189	FALSE
-0,085	0,310	-0,004	0,012	0,120	FALSE
0,031	0,302	0,001	0,008	0,054	FALSE
0,045	0,300	0,001	0,011	0,037	FALSE
-0,174	0,299	-0,008	0,012	0,284	FALSE
-0,093	0,302	-0,003	0,008	0,127	FALSE
-0,070	0,305	-0,002	0,007	0,109	FALSE
-0,010	0,312	0,000	0,007	0,006	FALSE
0,131	0,299	0,003	0,007	0,192	FALSE
0,120	0,304	0,003	0,007	0,195	FALSE
0,040	0,310	0,001	0,008	0,061	FALSE
0,071	0,290	0,002	0,011	0,066	FALSE
-0,086	0,299	-0,002	0,006	0,107	FALSE
-0,037	0,317	-0,001	0,009	0,033	FALSE
0,035	0,296	0,001	0,008	0,035	FALSE
-0,061	0,309	-0,002	0,008	0,078	FALSE
0,008	0,307	0,000	0,009	0,011	FALSE
0,010	0,317	0,001	0,007	0,027	FALSE
-0,037	0,308	-0,001	0,007	0,040	FALSE
0,021	0,297	0,001	0,007	0,049	FALSE
0,121	0,305	0,004	0,011	0,154	FALSE
0,151	0,287	0,004	0,007	0,209	FALSE
-0,049	0,305	-0,002	0,012	0,066	FALSE
-0,027	0,312	0,000	0,007	0,006	FALSE
-0,018	0,310	-0,001	0,009	0,031	FALSE
-0,094	0,307	-0,004	0,011	0,158	FALSE
-0,047	0,315	-0,001	0,007	0,051	FALSE
0,000	0,284	-0,001	0,013	0,037	FALSE
0,072	0,296	0,002	0,010	0,097	FALSE
0,061	0,302	0,002	0,010	0,070	FALSE
-0,035	0,308	-0,001	0,009	0,039	FALSE
0,076	0,294	0,002	0,013	0,066	FALSE
-0,014	0,318	0,000	0,007	0,003	FALSE
-0,083	0,314	-0,002	0,007	0,093	FALSE
0,062	0,307	0,002	0,012	0,074	FALSE
0,037	0,299	0,001	0,007	0,047	FALSE
-0,216	0,302	-0,005	0,007	0,306	FALSE
0,040	0,305	0,001	0,008	0,035	FALSE
-0,019	0,305	-0,001	0,009	0,037	FALSE
-0,134	0,303	-0,003	0,007	0,162	FALSE
-0,049	0,308	-0,002	0,013	0,058	FALSE
-0,054	0,318	-0,001	0,009	0,041	FALSE
-0,043	0,314	-0,001	0,008	0,035	FALSE
-0,073	0,318	-0,002	0,011	0,086	FALSE
-0,083	0,308	-0,003	0,011	0,098	FALSE
-0,035	0,305	0,000	0,007	0,017	FALSE
-0,046	0,313	-0,001	0,007	0,035	FALSE
-0,032	0,295	-0,003	0,013	0,077	FALSE
-0,048	0,308	-0,002	0,009	0,069	FALSE
0,039	0,281	0,001	0,009	0,062	FALSE
-0,091	0,312	-0,003	0,008	0,121	FALSE
0,072	0,303	0,002	0,009	0,090	FALSE

0,047	0,313	0,001	0,008	0,063	FALSE
0,006	0,307	0,000	0,009	0,006	FALSE
0,060	0,309	0,003	0,012	0,075	FALSE
0,043	0,308	0,002	0,010	0,056	FALSE
-0,149	0,306	-0,004	0,007	0,225	FALSE
0,028	0,302	0,001	0,011	0,017	FALSE
0,117	0,298	0,004	0,010	0,168	FALSE
-0,152	0,298	-0,005	0,010	0,225	FALSE
-0,155	0,307	-0,007	0,013	0,225	FALSE
-0,020	0,312	0,000	0,007	0,011	FALSE
-0,048	0,281	-0,001	0,011	0,050	FALSE
-0,053	0,315	-0,001	0,012	0,044	FALSE
0,123	0,294	0,002	0,006	0,146	FALSE
-0,102	0,306	-0,004	0,012	0,125	FALSE
0,037	0,304	0,001	0,011	0,042	FALSE
-0,066	0,314	-0,001	0,008	0,065	FALSE
-0,015	0,300	-0,001	0,010	0,020	FALSE
-0,015	0,298	-0,001	0,008	0,057	FALSE
-0,070	0,295	-0,001	0,006	0,066	FALSE
0,023	0,300	0,000	0,006	0,007	FALSE
0,001	0,314	0,001	0,011	0,032	FALSE
-0,079	0,307	-0,003	0,012	0,108	FALSE
-0,092	0,309	-0,002	0,008	0,120	FALSE
0,043	0,301	0,001	0,007	0,050	FALSE
0,100	0,300	0,003	0,008	0,177	FALSE
-0,067	0,298	-0,002	0,010	0,076	FALSE
0,062	0,309	0,001	0,008	0,073	FALSE
0,096	0,301	0,003	0,008	0,167	FALSE
-0,083	0,298	-0,004	0,012	0,115	FALSE
-0,068	0,314	-0,002	0,009	0,077	FALSE
0,074	0,323	0,002	0,008	0,129	FALSE
0,037	0,296	0,001	0,009	0,041	FALSE
0,101	0,291	0,004	0,012	0,144	FALSE
0,015	0,317	0,001	0,009	0,028	FALSE
-0,172	0,314	-0,005	0,011	0,215	FALSE
-0,068	0,283	-0,003	0,010	0,114	FALSE
-0,053	0,317	-0,001	0,008	0,060	FALSE
-0,161	0,311	-0,005	0,008	0,243	FALSE
-0,040	0,298	-0,002	0,012	0,064	FALSE
-0,069	0,300	-0,001	0,006	0,070	FALSE
-0,017	0,309	-0,001	0,010	0,032	FALSE
0,119	0,299	0,004	0,009	0,207	FALSE
-0,083	0,313	-0,003	0,009	0,107	FALSE
0,077	0,311	0,001	0,007	0,074	FALSE
-0,045	0,295	-0,002	0,012	0,055	FALSE
-0,041	0,312	-0,001	0,007	0,070	FALSE
-0,058	0,306	-0,002	0,009	0,076	FALSE
0,127	0,300	0,004	0,011	0,166	FALSE
0,175	0,289	0,005	0,009	0,275	FALSE
0,001	0,283	0,001	0,010	0,020	FALSE
-0,033	0,312	-0,001	0,007	0,032	FALSE
0,077	0,305	0,003	0,012	0,094	FALSE
0,109	0,289	0,005	0,013	0,143	FALSE

0,003	0,287	0,001	0,009	0,035	FALSE
0,113	0,296	0,003	0,007	0,157	FALSE
-0,052	0,313	-0,001	0,012	0,042	FALSE
0,031	0,316	0,001	0,008	0,047	FALSE
0,097	0,313	0,003	0,008	0,131	FALSE
0,000	0,300	-0,001	0,010	0,039	FALSE
0,012	0,281	0,000	0,008	0,014	FALSE
-0,051	0,301	-0,002	0,011	0,075	FALSE
-0,091	0,302	-0,002	0,007	0,095	FALSE
-0,011	0,305	0,000	0,007	0,006	FALSE
0,075	0,306	0,002	0,008	0,095	FALSE
0,075	0,287	0,002	0,008	0,119	FALSE
0,037	0,306	0,001	0,009	0,031	FALSE
0,023	0,296	0,002	0,010	0,072	FALSE
0,055	0,310	0,003	0,011	0,099	FALSE
0,089	0,321	0,004	0,013	0,116	FALSE
0,003	0,287	0,000	0,010	0,007	FALSE
0,185	0,303	0,006	0,011	0,223	FALSE
0,097	0,307	0,002	0,007	0,141	FALSE
0,007	0,318	0,000	0,012	0,003	FALSE
-0,023	0,319	0,000	0,011	0,014	FALSE
0,067	0,297	0,003	0,013	0,087	FALSE
-0,020	0,302	-0,001	0,008	0,030	FALSE
0,145	0,292	0,005	0,009	0,224	FALSE
-0,060	0,296	-0,002	0,009	0,078	FALSE
-0,040	0,292	-0,002	0,010	0,084	FALSE
-0,011	0,310	0,000	0,007	0,009	FALSE
0,105	0,305	0,003	0,007	0,143	FALSE
-0,142	0,297	-0,006	0,012	0,220	FALSE
-0,015	0,303	0,000	0,009	0,014	FALSE
-0,035	0,312	-0,002	0,013	0,048	FALSE
0,007	0,310	0,000	0,008	0,021	FALSE
0,099	0,299	0,002	0,008	0,111	FALSE
-0,153	0,303	-0,003	0,006	0,191	FALSE
0,107	0,310	0,003	0,009	0,130	FALSE
-0,018	0,315	-0,001	0,013	0,031	FALSE
0,167	0,312	0,004	0,007	0,222	FALSE
0,182	0,304	0,006	0,009	0,281	FALSE
-0,027	0,310	-0,002	0,013	0,055	FALSE
-0,010	0,309	0,000	0,007	0,004	FALSE
-0,079	0,297	-0,002	0,009	0,095	FALSE
0,005	0,305	0,000	0,011	0,003	FALSE
0,004	0,313	0,000	0,008	0,009	FALSE
0,043	0,318	0,001	0,008	0,066	FALSE
-0,236	0,302	-0,005	0,006	0,357	FALSE
0,062	0,328	0,001	0,008	0,066	FALSE
0,025	0,315	0,001	0,008	0,022	FALSE
0,009	0,304	0,000	0,006	0,003	FALSE
0,017	0,303	0,000	0,009	0,003	FALSE
-0,053	0,298	-0,003	0,011	0,091	FALSE
0,127	0,302	0,003	0,009	0,154	FALSE
-0,014	0,298	-0,001	0,012	0,030	FALSE
0,092	0,305	0,002	0,009	0,100	FALSE

0,024	0,313	0,001	0,012	0,039	FALSE
-0,182	0,305	-0,006	0,009	0,282	FALSE
-0,052	0,307	-0,002	0,013	0,059	FALSE
-0,053	0,315	-0,003	0,013	0,073	FALSE
-0,061	0,302	-0,002	0,010	0,077	FALSE
-0,068	0,281	-0,003	0,010	0,139	FALSE
0,036	0,287	0,001	0,011	0,024	FALSE
-0,093	0,292	-0,002	0,007	0,110	FALSE
-0,112	0,321	-0,002	0,007	0,119	FALSE
0,020	0,312	0,000	0,006	0,025	FALSE
-0,001	0,323	0,000	0,008	0,012	FALSE
0,044	0,310	0,001	0,009	0,057	FALSE
0,057	0,295	0,002	0,011	0,071	FALSE
0,090	0,298	0,002	0,008	0,096	FALSE
0,004	0,306	-0,001	0,012	0,019	FALSE
-0,050	0,314	-0,001	0,011	0,035	FALSE
-0,133	0,301	-0,005	0,012	0,176	FALSE
0,038	0,308	0,001	0,013	0,032	FALSE
0,066	0,296	0,002	0,008	0,095	FALSE
0,046	0,305	0,001	0,008	0,060	FALSE
0,096	0,307	0,003	0,009	0,129	FALSE
-0,106	0,302	-0,003	0,009	0,131	FALSE
0,028	0,315	0,001	0,013	0,032	FALSE
-0,077	0,309	-0,002	0,010	0,089	FALSE
-0,056	0,305	-0,002	0,007	0,080	FALSE
0,135	0,301	0,005	0,010	0,198	FALSE
-0,040	0,302	-0,002	0,012	0,055	FALSE
0,116	0,313	0,003	0,006	0,160	FALSE
0,032	0,297	0,001	0,010	0,042	FALSE
0,076	0,304	0,003	0,008	0,130	FALSE
0,087	0,308	0,003	0,008	0,136	FALSE
0,045	0,299	0,003	0,012	0,087	FALSE
-0,005	0,307	0,000	0,007	0,013	FALSE
0,132	0,316	0,003	0,008	0,177	FALSE
0,179	0,299	0,005	0,009	0,254	FALSE
0,036	0,313	0,001	0,011	0,042	FALSE
0,001	0,298	0,000	0,011	0,000	FALSE
0,101	0,300	0,002	0,006	0,146	FALSE
0,030	0,300	0,001	0,012	0,036	FALSE
0,015	0,305	0,000	0,013	0,014	FALSE
0,064	0,323	0,002	0,013	0,066	FALSE
0,044	0,305	0,001	0,011	0,046	FALSE
0,036	0,298	0,001	0,008	0,056	FALSE
-0,065	0,307	-0,002	0,008	0,076	FALSE
-0,142	0,300	-0,005	0,010	0,199	FALSE
-0,123	0,303	-0,004	0,010	0,178	FALSE
0,043	0,300	0,002	0,013	0,044	FALSE
-0,059	0,314	-0,001	0,007	0,073	FALSE
-0,005	0,299	0,000	0,012	0,005	FALSE
-0,041	0,301	-0,002	0,011	0,049	FALSE
-0,125	0,301	-0,004	0,009	0,199	FALSE
-0,058	0,310	-0,002	0,012	0,067	FALSE
0,195	0,298	0,008	0,011	0,308	FALSE

-0,097	0,294	-0,004	0,011	0,133	FALSE
-0,118	0,308	-0,003	0,009	0,144	FALSE
0,039	0,304	0,001	0,009	0,041	FALSE
0,078	0,291	0,002	0,009	0,090	FALSE
-0,080	0,318	-0,004	0,013	0,116	FALSE
0,097	0,302	0,003	0,010	0,119	FALSE
0,098	0,311	0,003	0,009	0,114	FALSE
0,031	0,290	0,001	0,010	0,021	FALSE
0,039	0,305	0,001	0,010	0,035	FALSE
0,056	0,314	0,002	0,010	0,084	FALSE
0,044	0,314	0,002	0,013	0,048	FALSE
0,025	0,311	0,001	0,012	0,018	FALSE
-0,031	0,319	-0,001	0,009	0,020	FALSE
-0,021	0,317	0,000	0,011	0,013	FALSE
0,087	0,302	0,003	0,008	0,138	FALSE
-0,137	0,306	-0,005	0,009	0,219	FALSE
-0,029	0,308	-0,001	0,008	0,042	FALSE
0,056	0,300	0,002	0,007	0,093	FALSE
0,160	0,304	0,004	0,008	0,217	FALSE
-0,012	0,302	0,000	0,006	0,015	FALSE
-0,047	0,315	-0,001	0,007	0,054	FALSE
0,013	0,295	0,001	0,010	0,035	FALSE
-0,082	0,303	-0,003	0,010	0,112	FALSE
0,104	0,305	0,004	0,010	0,141	FALSE
0,032	0,314	0,001	0,007	0,055	FALSE
0,038	0,308	0,002	0,012	0,065	FALSE
0,043	0,319	0,002	0,013	0,061	FALSE
-0,044	0,303	-0,002	0,013	0,055	FALSE
0,108	0,300	0,003	0,009	0,135	FALSE
0,073	0,298	0,002	0,009	0,082	FALSE
0,077	0,303	0,002	0,008	0,082	FALSE
-0,044	0,323	-0,001	0,009	0,050	FALSE
-0,027	0,297	0,000	0,007	0,013	FALSE
-0,015	0,313	-0,001	0,008	0,025	FALSE
-0,021	0,300	-0,001	0,007	0,032	FALSE
-0,161	0,301	-0,004	0,008	0,211	FALSE
0,022	0,306	0,000	0,006	0,025	FALSE
0,105	0,308	0,005	0,012	0,144	FALSE
0,093	0,316	0,004	0,013	0,122	FALSE
0,096	0,305	0,004	0,013	0,115	FALSE
-0,121	0,289	-0,003	0,010	0,127	FALSE
0,174	0,296	0,005	0,009	0,233	FALSE
-0,084	0,316	-0,001	0,007	0,077	FALSE
0,018	0,300	0,001	0,010	0,035	FALSE
-0,033	0,315	-0,003	0,013	0,077	FALSE
0,178	0,303	0,007	0,011	0,259	FALSE
0,052	0,315	0,001	0,006	0,063	FALSE
-0,130	0,293	-0,005	0,011	0,189	FALSE
-0,153	0,292	-0,006	0,011	0,230	FALSE
-0,091	0,290	-0,005	0,012	0,161	FALSE
0,115	0,312	0,003	0,007	0,182	FALSE
0,147	0,301	0,005	0,012	0,179	FALSE
-0,112	0,311	-0,003	0,009	0,127	FALSE

-0,075	0,306	-0,001	0,008	0,061	FALSE
0,188	0,305	0,008	0,013	0,267	FALSE
-0,033	0,296	-0,001	0,013	0,019	FALSE
0,063	0,318	0,002	0,013	0,044	FALSE
0,002	0,304	0,001	0,011	0,034	FALSE
0,091	0,319	0,003	0,011	0,101	FALSE
0,087	0,300	0,001	0,007	0,075	FALSE
0,080	0,291	0,002	0,008	0,105	FALSE
0,049	0,291	0,001	0,009	0,060	FALSE
0,123	0,306	0,006	0,013	0,174	FALSE
-0,010	0,300	-0,001	0,006	0,031	FALSE
-0,044	0,307	-0,001	0,007	0,066	FALSE
0,086	0,318	0,003	0,011	0,096	FALSE
0,060	0,316	0,001	0,008	0,055	FALSE
0,034	0,297	0,002	0,013	0,057	FALSE
-0,100	0,306	-0,002	0,006	0,139	FALSE
-0,015	0,311	-0,001	0,007	0,042	FALSE
-0,079	0,307	-0,002	0,007	0,088	FALSE
-0,098	0,305	-0,004	0,013	0,126	FALSE
-0,054	0,294	-0,001	0,007	0,052	FALSE
-0,057	0,308	-0,002	0,008	0,080	FALSE
0,025	0,301	0,001	0,008	0,052	FALSE
0,007	0,294	0,000	0,012	0,005	FALSE
0,007	0,316	0,000	0,007	0,004	FALSE
0,065	0,316	0,003	0,012	0,105	FALSE
-0,079	0,308	-0,001	0,007	0,076	FALSE
-0,011	0,308	0,000	0,007	0,017	FALSE
-0,015	0,302	0,000	0,007	0,001	FALSE
0,012	0,304	0,001	0,012	0,031	FALSE
-0,202	0,302	-0,007	0,010	0,325	FALSE
0,155	0,315	0,004	0,008	0,206	FALSE
0,038	0,326	0,002	0,010	0,060	FALSE
-0,013	0,303	-0,001	0,009	0,019	FALSE
-0,001	0,310	0,000	0,007	0,002	FALSE
-0,058	0,320	-0,002	0,010	0,083	FALSE
-0,047	0,295	-0,001	0,007	0,076	FALSE
-0,126	0,297	-0,004	0,009	0,167	FALSE
-0,008	0,312	-0,001	0,010	0,024	FALSE
0,162	0,297	0,004	0,008	0,206	FALSE
-0,024	0,302	0,000	0,011	0,012	FALSE
0,025	0,313	0,001	0,011	0,026	FALSE
0,019	0,317	0,000	0,010	0,018	FALSE
0,020	0,313	0,000	0,011	0,007	FALSE
0,090	0,301	0,002	0,012	0,066	FALSE
-0,075	0,310	-0,001	0,006	0,078	FALSE
0,068	0,310	0,001	0,008	0,058	FALSE
0,043	0,319	0,001	0,012	0,039	FALSE
0,000	0,306	0,000	0,007	0,009	FALSE
-0,012	0,305	0,000	0,008	0,003	FALSE
-0,145	0,317	-0,004	0,010	0,174	FALSE
-0,008	0,307	0,000	0,013	0,006	FALSE
0,001	0,308	0,000	0,012	0,000	FALSE
-0,009	0,314	-0,001	0,013	0,015	FALSE

-0,002	0,313	0,000	0,012	0,002	FALSE
0,033	0,317	0,001	0,007	0,042	FALSE
-0,032	0,315	-0,001	0,008	0,023	FALSE
-0,055	0,309	-0,001	0,007	0,057	FALSE
0,072	0,297	0,004	0,012	0,122	FALSE
-0,084	0,295	-0,002	0,007	0,095	FALSE
-0,012	0,315	-0,001	0,010	0,024	FALSE
0,035	0,302	0,001	0,009	0,055	FALSE
0,074	0,317	0,002	0,008	0,104	FALSE
-0,067	0,323	-0,001	0,007	0,075	FALSE
-0,094	0,302	-0,003	0,012	0,088	FALSE
0,035	0,315	0,001	0,009	0,047	FALSE
-0,046	0,318	-0,001	0,007	0,042	FALSE
0,009	0,306	0,000	0,007	0,012	FALSE
-0,116	0,315	-0,003	0,008	0,142	FALSE
-0,158	0,294	-0,004	0,008	0,223	FALSE
-0,138	0,292	-0,004	0,009	0,196	FALSE
-0,197	0,305	-0,008	0,012	0,289	FALSE
-0,088	0,309	-0,002	0,007	0,109	FALSE
0,088	0,309	0,002	0,007	0,121	FALSE
0,074	0,304	0,003	0,009	0,117	FALSE
0,105	0,298	0,002	0,007	0,134	FALSE
0,023	0,307	0,001	0,007	0,029	FALSE
0,077	0,315	0,002	0,010	0,080	FALSE
-0,046	0,322	-0,002	0,012	0,050	FALSE
0,092	0,311	0,003	0,009	0,112	FALSE
-0,157	0,292	-0,004	0,009	0,214	FALSE
0,028	0,305	0,001	0,008	0,047	FALSE
0,032	0,302	0,001	0,009	0,030	FALSE
-0,145	0,290	-0,006	0,013	0,205	FALSE
0,002	0,313	0,000	0,007	0,019	FALSE
0,146	0,297	0,005	0,010	0,239	FALSE
0,082	0,314	0,002	0,009	0,096	FALSE
0,028	0,314	0,001	0,010	0,028	FALSE
-0,149	0,304	-0,003	0,006	0,230	FALSE
0,241	0,287	0,009	0,010	0,401	FALSE
0,072	0,311	0,002	0,007	0,094	FALSE
0,154	0,299	0,006	0,011	0,209	FALSE
0,007	0,295	-0,001	0,012	0,016	FALSE
0,093	0,305	0,003	0,010	0,105	FALSE
-0,018	0,305	0,000	0,007	0,026	FALSE
-0,062	0,304	-0,002	0,010	0,081	FALSE
0,064	0,304	0,001	0,007	0,073	FALSE
-0,022	0,305	0,000	0,008	0,004	FALSE
0,072	0,300	0,003	0,012	0,099	FALSE
-0,025	0,310	-0,001	0,010	0,019	FALSE
-0,048	0,305	-0,001	0,007	0,076	FALSE
0,010	0,299	0,001	0,007	0,038	FALSE
-0,033	0,306	0,000	0,007	0,012	FALSE
-0,064	0,306	-0,001	0,007	0,051	FALSE
0,015	0,321	0,000	0,011	0,000	FALSE
-0,012	0,286	0,000	0,006	0,014	FALSE
-0,062	0,312	-0,002	0,009	0,071	FALSE

0,096	0,298	0,005	0,012	0,164	FALSE
-0,056	0,312	-0,002	0,012	0,067	FALSE
0,117	0,291	0,003	0,008	0,166	FALSE
-0,008	0,319	-0,001	0,012	0,021	FALSE
-0,246	0,290	-0,009	0,011	0,373	FALSE
-0,051	0,307	-0,001	0,006	0,086	FALSE
-0,098	0,311	-0,002	0,009	0,103	FALSE
0,158	0,310	0,004	0,008	0,224	FALSE
0,121	0,322	0,004	0,010	0,166	FALSE
-0,063	0,308	-0,002	0,008	0,073	FALSE
-0,003	0,313	0,000	0,009	0,001	FALSE
-0,060	0,306	-0,002	0,009	0,086	FALSE
0,084	0,298	0,002	0,011	0,084	FALSE
0,004	0,306	0,000	0,008	0,013	FALSE
-0,048	0,318	-0,001	0,007	0,032	FALSE
0,015	0,306	0,000	0,010	0,002	FALSE
-0,063	0,321	-0,002	0,013	0,067	FALSE
0,191	0,307	0,004	0,007	0,282	FALSE
0,006	0,313	0,000	0,010	0,005	FALSE
-0,046	0,303	0,000	0,007	0,024	FALSE
-0,041	0,308	-0,001	0,007	0,031	FALSE
0,081	0,309	0,002	0,007	0,119	FALSE
-0,059	0,308	-0,002	0,008	0,080	FALSE
0,022	0,318	0,001	0,008	0,044	FALSE
-0,121	0,294	-0,005	0,012	0,156	FALSE
-0,086	0,304	-0,003	0,011	0,117	FALSE
0,006	0,314	0,000	0,012	0,003	FALSE
0,095	0,306	0,004	0,010	0,168	FALSE
0,097	0,316	0,004	0,012	0,138	FALSE
0,087	0,315	0,004	0,012	0,127	FALSE
0,033	0,315	0,001	0,010	0,035	FALSE
-0,028	0,313	0,000	0,007	0,023	FALSE
0,043	0,310	0,001	0,007	0,052	FALSE
0,054	0,309	0,001	0,007	0,073	FALSE
0,043	0,308	0,001	0,007	0,058	FALSE
0,144	0,299	0,006	0,012	0,196	FALSE
0,072	0,299	0,002	0,012	0,072	FALSE
-0,003	0,300	-0,001	0,010	0,027	FALSE
0,103	0,299	0,002	0,007	0,116	FALSE
-0,049	0,310	-0,002	0,012	0,071	FALSE
-0,045	0,304	-0,001	0,008	0,031	FALSE
-0,098	0,300	-0,002	0,006	0,142	FALSE
-0,062	0,323	-0,001	0,008	0,069	FALSE
0,107	0,302	0,005	0,012	0,180	FALSE
-0,042	0,311	-0,002	0,012	0,053	FALSE
0,056	0,308	0,001	0,006	0,050	FALSE
-0,002	0,305	0,000	0,010	0,013	FALSE
-0,052	0,308	-0,002	0,011	0,059	FALSE
0,034	0,290	0,001	0,010	0,056	FALSE
0,113	0,301	0,003	0,007	0,153	FALSE
-0,062	0,300	-0,003	0,012	0,091	FALSE
0,034	0,319	0,001	0,010	0,045	FALSE
0,068	0,311	0,001	0,006	0,089	FALSE

0,028	0,313	0,001	0,007	0,048	FALSE
-0,005	0,313	0,000	0,009	0,008	FALSE
-0,064	0,305	-0,002	0,009	0,086	FALSE
-0,042	0,321	-0,001	0,011	0,040	FALSE
-0,002	0,298	0,000	0,009	0,018	FALSE
0,058	0,303	0,002	0,008	0,095	FALSE
0,137	0,306	0,006	0,011	0,206	FALSE
0,107	0,312	0,005	0,013	0,143	FALSE
-0,115	0,297	-0,004	0,010	0,150	FALSE
-0,008	0,308	0,000	0,007	0,019	FALSE
-0,073	0,300	-0,003	0,011	0,106	FALSE
0,148	0,305	0,003	0,007	0,182	FALSE
0,034	0,303	0,002	0,013	0,073	FALSE
-0,046	0,296	-0,002	0,008	0,068	FALSE
-0,005	0,301	0,000	0,011	0,004	FALSE
-0,012	0,300	0,000	0,008	0,002	FALSE
0,044	0,308	0,002	0,010	0,081	FALSE
0,099	0,305	0,005	0,012	0,173	FALSE
-0,007	0,329	0,000	0,010	0,003	FALSE
-0,124	0,290	-0,005	0,012	0,190	FALSE
0,019	0,296	0,002	0,013	0,054	FALSE
-0,020	0,298	-0,001	0,010	0,024	FALSE
-0,058	0,308	-0,003	0,011	0,086	FALSE
0,085	0,303	0,004	0,012	0,119	FALSE
-0,032	0,310	-0,001	0,009	0,024	FALSE
0,004	0,311	0,001	0,010	0,026	FALSE
0,000	0,305	0,000	0,006	0,005	FALSE
-0,120	0,296	-0,005	0,010	0,185	FALSE
0,070	0,301	0,003	0,012	0,082	FALSE
-0,129	0,309	-0,004	0,010	0,146	FALSE
-0,030	0,293	-0,001	0,009	0,038	FALSE
0,053	0,305	0,001	0,008	0,061	FALSE
0,056	0,291	0,002	0,006	0,099	FALSE
0,031	0,306	0,001	0,010	0,037	FALSE
-0,068	0,293	-0,003	0,012	0,089	FALSE
-0,055	0,312	-0,002	0,011	0,067	FALSE
-0,167	0,307	-0,004	0,007	0,227	FALSE
-0,053	0,311	-0,001	0,008	0,059	FALSE
0,116	0,305	0,003	0,007	0,160	FALSE
-0,032	0,294	-0,001	0,007	0,053	FALSE
0,144	0,304	0,004	0,008	0,240	FALSE
-0,051	0,314	-0,002	0,012	0,070	FALSE
0,055	0,313	0,001	0,007	0,042	FALSE
-0,039	0,324	-0,001	0,011	0,044	FALSE
0,083	0,305	0,002	0,008	0,085	FALSE
0,128	0,298	0,003	0,007	0,192	FALSE
-0,036	0,320	-0,001	0,009	0,041	FALSE
-0,065	0,306	-0,002	0,007	0,099	FALSE
-0,028	0,312	-0,001	0,008	0,037	FALSE
0,037	0,312	0,001	0,008	0,050	FALSE
0,170	0,302	0,006	0,012	0,232	FALSE
-0,053	0,315	-0,001	0,007	0,065	FALSE
-0,035	0,312	0,000	0,009	0,011	FALSE

0,115	0,286	0,005	0,012	0,169	FALSE
-0,010	0,317	-0,001	0,012	0,019	FALSE
-0,086	0,292	-0,002	0,007	0,118	FALSE
-0,021	0,302	-0,001	0,012	0,028	FALSE
-0,057	0,314	-0,001	0,007	0,065	FALSE
-0,049	0,308	-0,001	0,010	0,039	FALSE
-0,142	0,294	-0,004	0,009	0,166	FALSE
0,027	0,313	0,000	0,007	0,019	FALSE
0,058	0,307	0,001	0,007	0,078	FALSE
0,038	0,303	0,000	0,010	0,012	FALSE
0,106	0,308	0,003	0,011	0,094	FALSE
0,056	0,304	0,002	0,008	0,085	FALSE
0,010	0,303	0,000	0,012	0,007	FALSE
-0,013	0,320	-0,001	0,012	0,024	FALSE
-0,053	0,311	-0,002	0,011	0,068	FALSE
0,156	0,298	0,006	0,011	0,226	FALSE
0,003	0,315	0,000	0,007	0,018	FALSE
-0,061	0,311	-0,003	0,013	0,090	FALSE
0,130	0,300	0,004	0,007	0,198	FALSE
-0,180	0,309	-0,007	0,013	0,242	FALSE
-0,074	0,302	-0,002	0,007	0,096	FALSE
-0,066	0,309	-0,003	0,010	0,102	FALSE
0,169	0,312	0,003	0,007	0,200	FALSE
0,000	0,298	0,000	0,010	0,000	FALSE
-0,038	0,319	-0,001	0,013	0,033	FALSE
0,120	0,309	0,002	0,007	0,145	FALSE
0,046	0,300	0,002	0,010	0,058	FALSE
-0,033	0,305	0,000	0,007	0,020	FALSE
-0,012	0,297	0,000	0,006	0,005	FALSE
-0,063	0,303	-0,002	0,010	0,055	FALSE
-0,078	0,307	-0,004	0,012	0,109	FALSE
0,158	0,302	0,005	0,009	0,244	FALSE
0,089	0,301	0,003	0,007	0,155	FALSE
-0,241	0,302	-0,009	0,011	0,396	FALSE
-0,037	0,305	-0,001	0,009	0,021	FALSE
-0,020	0,322	-0,001	0,013	0,027	FALSE
-0,058	0,303	-0,002	0,010	0,059	FALSE
-0,001	0,310	0,001	0,009	0,023	FALSE
-0,010	0,300	0,000	0,008	0,020	FALSE
-0,099	0,295	-0,002	0,008	0,112	FALSE
0,073	0,297	0,002	0,007	0,117	FALSE
-0,115	0,308	-0,002	0,008	0,127	FALSE
0,067	0,306	0,002	0,009	0,091	FALSE
0,081	0,295	0,002	0,008	0,117	FALSE
-0,067	0,314	-0,001	0,007	0,048	FALSE
-0,073	0,306	-0,002	0,011	0,074	FALSE
-0,120	0,283	-0,004	0,010	0,166	FALSE
-0,026	0,315	-0,001	0,012	0,033	FALSE
0,016	0,326	0,001	0,008	0,028	FALSE
-0,045	0,307	-0,001	0,007	0,071	FALSE
0,009	0,301	0,000	0,006	0,009	FALSE
-0,095	0,308	-0,001	0,006	0,078	FALSE
-0,040	0,312	-0,002	0,013	0,047	FALSE

-0,067	0,302	-0,002	0,007	0,094	FALSE
-0,009	0,320	0,000	0,011	0,007	FALSE
-0,043	0,289	-0,002	0,012	0,067	FALSE
-0,005	0,311	0,000	0,012	0,011	FALSE
0,015	0,295	0,000	0,007	0,024	FALSE
-0,053	0,316	-0,002	0,013	0,055	FALSE
0,083	0,297	0,002	0,008	0,115	FALSE
-0,162	0,304	-0,006	0,012	0,200	FALSE
0,004	0,311	0,000	0,007	0,005	FALSE
-0,128	0,301	-0,002	0,006	0,160	FALSE
0,019	0,303	0,000	0,011	0,014	FALSE
-0,159	0,296	-0,006	0,010	0,258	FALSE
-0,148	0,307	-0,006	0,010	0,241	FALSE
-0,158	0,310	-0,006	0,010	0,239	FALSE
-0,155	0,301	-0,005	0,010	0,231	FALSE
-0,095	0,308	-0,004	0,011	0,152	FALSE
-0,099	0,302	-0,002	0,007	0,118	FALSE
0,079	0,303	0,002	0,007	0,098	FALSE
-0,021	0,304	-0,001	0,011	0,031	FALSE
-0,063	0,308	-0,002	0,009	0,076	FALSE
-0,022	0,309	-0,001	0,009	0,021	FALSE
0,073	0,298	0,003	0,011	0,121	FALSE
-0,057	0,320	-0,002	0,007	0,081	FALSE
-0,048	0,308	-0,001	0,007	0,042	FALSE
0,080	0,310	0,003	0,012	0,080	FALSE
0,033	0,293	0,001	0,011	0,023	FALSE
0,021	0,308	0,001	0,007	0,039	FALSE
-0,040	0,305	-0,001	0,009	0,049	FALSE
-0,067	0,313	-0,001	0,007	0,069	FALSE
0,037	0,313	0,001	0,009	0,047	FALSE
0,087	0,306	0,002	0,007	0,138	FALSE
-0,003	0,307	0,000	0,012	0,004	FALSE
0,209	0,316	0,005	0,007	0,286	FALSE
0,061	0,302	0,003	0,010	0,107	FALSE
0,051	0,288	0,002	0,009	0,104	FALSE
-0,111	0,304	-0,002	0,007	0,116	FALSE
-0,031	0,321	-0,001	0,011	0,033	FALSE
0,071	0,309	0,001	0,008	0,058	FALSE
-0,001	0,295	0,001	0,011	0,025	FALSE
-0,087	0,296	-0,002	0,007	0,117	FALSE
-0,061	0,305	-0,001	0,007	0,074	FALSE
-0,123	0,307	-0,002	0,007	0,130	FALSE
-0,007	0,302	-0,001	0,012	0,017	FALSE
-0,008	0,317	-0,001	0,008	0,026	FALSE
0,006	0,297	0,000	0,012	0,004	FALSE
0,005	0,303	0,000	0,013	0,005	FALSE
0,059	0,299	0,002	0,010	0,084	FALSE
0,058	0,303	0,002	0,011	0,064	FALSE
0,043	0,301	0,001	0,009	0,048	FALSE
0,022	0,320	0,000	0,011	0,014	FALSE
-0,229	0,294	-0,005	0,007	0,351	FALSE
-0,136	0,309	-0,005	0,010	0,207	FALSE
0,017	0,330	0,001	0,008	0,023	FALSE

0,140	0,306	0,005	0,011	0,192	FALSE
0,133	0,306	0,004	0,011	0,158	FALSE
0,063	0,299	0,002	0,007	0,114	FALSE
0,022	0,298	0,000	0,008	0,020	FALSE
0,088	0,309	0,003	0,012	0,096	FALSE
-0,053	0,306	-0,001	0,013	0,037	FALSE
0,033	0,322	0,000	0,012	0,014	FALSE
-0,180	0,282	-0,007	0,012	0,268	FALSE
-0,056	0,303	-0,001	0,008	0,029	FALSE
-0,111	0,300	-0,003	0,012	0,113	FALSE
0,044	0,308	0,001	0,007	0,069	FALSE
0,035	0,311	0,002	0,010	0,063	FALSE
0,218	0,308	0,006	0,008	0,336	FALSE
0,050	0,307	0,001	0,013	0,036	FALSE
-0,027	0,307	0,000	0,009	0,008	FALSE
0,099	0,303	0,004	0,013	0,139	FALSE
-0,004	0,319	0,000	0,011	0,016	FALSE
0,014	0,305	0,001	0,010	0,037	FALSE
-0,041	0,310	-0,001	0,007	0,063	FALSE
-0,081	0,311	-0,002	0,006	0,095	FALSE
0,027	0,313	0,001	0,012	0,022	FALSE
0,070	0,306	0,003	0,012	0,101	FALSE
0,096	0,309	0,004	0,013	0,114	FALSE
-0,092	0,314	-0,004	0,013	0,119	FALSE
0,021	0,306	0,001	0,008	0,037	FALSE
0,037	0,295	0,002	0,011	0,062	FALSE
0,042	0,324	0,001	0,008	0,063	FALSE
0,027	0,300	0,002	0,012	0,056	FALSE
0,017	0,312	0,000	0,007	0,015	FALSE
0,089	0,309	0,002	0,007	0,126	FALSE
-0,120	0,305	-0,003	0,007	0,160	FALSE
0,141	0,299	0,003	0,007	0,209	FALSE
0,052	0,300	0,001	0,009	0,052	FALSE
0,023	0,300	0,001	0,009	0,040	FALSE
-0,180	0,299	-0,005	0,008	0,263	FALSE
0,076	0,310	0,002	0,010	0,063	FALSE
-0,019	0,313	-0,001	0,009	0,039	FALSE
0,197	0,283	0,006	0,008	0,333	FALSE
0,149	0,303	0,005	0,008	0,257	FALSE
-0,030	0,302	-0,002	0,011	0,051	FALSE
-0,009	0,308	-0,001	0,011	0,032	FALSE
-0,100	0,319	-0,002	0,007	0,136	FALSE
-0,110	0,306	-0,003	0,008	0,184	FALSE
0,121	0,307	0,003	0,007	0,164	FALSE
0,066	0,293	0,001	0,007	0,085	FALSE
-0,130	0,308	-0,003	0,006	0,193	FALSE
-0,016	0,299	-0,001	0,012	0,040	FALSE
-0,019	0,305	0,000	0,010	0,017	FALSE
-0,041	0,309	-0,001	0,010	0,044	FALSE
-0,084	0,319	-0,002	0,008	0,113	FALSE
-0,009	0,304	0,000	0,008	0,003	FALSE
-0,061	0,310	-0,002	0,011	0,064	FALSE
-0,147	0,302	-0,004	0,008	0,181	FALSE

-0,003	0,305	0,000	0,010	0,003	FALSE
-0,167	0,307	-0,006	0,010	0,265	FALSE
-0,015	0,318	0,000	0,013	0,005	FALSE
0,089	0,313	0,003	0,012	0,091	FALSE
-0,063	0,308	-0,001	0,007	0,054	FALSE
0,051	0,311	0,001	0,007	0,072	FALSE
0,104	0,316	0,005	0,012	0,172	FALSE
0,270	0,295	0,008	0,009	0,417	FALSE
0,114	0,295	0,005	0,009	0,217	FALSE
0,051	0,322	0,002	0,010	0,067	FALSE
-0,120	0,315	-0,003	0,008	0,123	FALSE
0,045	0,297	0,001	0,011	0,041	FALSE
-0,009	0,315	-0,001	0,008	0,038	FALSE
-0,010	0,302	0,000	0,006	0,002	FALSE
-0,005	0,318	0,000	0,008	0,005	FALSE
0,148	0,300	0,005	0,012	0,164	FALSE
0,027	0,329	0,001	0,010	0,037	FALSE
0,002	0,316	0,000	0,010	0,014	FALSE
-0,038	0,308	-0,001	0,008	0,071	FALSE
0,065	0,299	0,002	0,008	0,090	FALSE
-0,052	0,297	-0,002	0,012	0,072	FALSE
-0,092	0,295	-0,004	0,012	0,120	FALSE
-0,043	0,306	-0,001	0,013	0,040	FALSE
0,103	0,302	0,002	0,007	0,134	FALSE
-0,046	0,303	-0,001	0,006	0,041	FALSE
0,006	0,308	0,000	0,009	0,014	FALSE
0,032	0,294	0,001	0,006	0,044	FALSE
-0,079	0,302	-0,002	0,008	0,096	FALSE
-0,087	0,307	-0,004	0,013	0,126	FALSE
0,079	0,305	0,002	0,007	0,111	FALSE
0,013	0,299	0,001	0,007	0,030	FALSE
0,048	0,318	0,002	0,012	0,053	FALSE
-0,095	0,300	-0,003	0,007	0,156	FALSE
-0,029	0,327	-0,001	0,007	0,041	FALSE
0,020	0,303	0,000	0,010	0,007	FALSE
0,079	0,290	0,002	0,010	0,092	FALSE
-0,109	0,305	-0,004	0,013	0,124	FALSE
-0,015	0,313	0,000	0,009	0,017	FALSE
-0,111	0,302	-0,002	0,006	0,129	FALSE
-0,042	0,305	-0,001	0,006	0,034	FALSE
0,093	0,308	0,002	0,007	0,103	FALSE
0,011	0,293	0,000	0,010	0,008	FALSE
-0,012	0,315	0,000	0,007	0,001	FALSE
-0,072	0,298	-0,002	0,007	0,092	FALSE
0,058	0,317	0,002	0,012	0,060	FALSE
-0,101	0,306	-0,004	0,012	0,134	FALSE
-0,084	0,296	-0,002	0,008	0,099	FALSE
0,024	0,304	0,000	0,012	0,007	FALSE
0,031	0,291	0,001	0,007	0,053	FALSE
0,000	0,304	0,000	0,012	0,011	FALSE
0,117	0,323	0,005	0,012	0,187	FALSE
0,034	0,300	0,001	0,008	0,063	FALSE
0,032	0,308	0,001	0,010	0,049	FALSE

-0,128	0,302	-0,003	0,007	0,168	FALSE
0,015	0,304	0,001	0,012	0,025	FALSE
-0,015	0,291	0,000	0,011	0,010	FALSE
-0,042	0,318	-0,001	0,011	0,040	FALSE
-0,054	0,316	-0,002	0,011	0,064	FALSE
0,108	0,310	0,006	0,013	0,183	FALSE
-0,028	0,306	0,000	0,006	0,023	FALSE
0,018	0,307	0,000	0,006	0,025	FALSE
0,052	0,301	0,001	0,013	0,031	FALSE
0,089	0,309	0,003	0,008	0,123	FALSE
0,077	0,304	0,002	0,007	0,085	FALSE
-0,149	0,314	-0,004	0,008	0,205	FALSE
0,119	0,295	0,004	0,008	0,174	FALSE
-0,045	0,298	0,000	0,008	0,020	FALSE
0,052	0,311	0,002	0,011	0,080	FALSE
0,027	0,312	0,001	0,010	0,041	FALSE
-0,037	0,301	-0,002	0,013	0,051	FALSE
-0,008	0,321	0,000	0,009	0,010	FALSE
-0,083	0,299	-0,003	0,010	0,115	FALSE
0,022	0,301	0,001	0,010	0,047	FALSE
-0,003	0,304	0,000	0,009	0,011	FALSE
-0,068	0,311	-0,002	0,008	0,076	FALSE
-0,101	0,317	-0,004	0,013	0,142	FALSE
0,007	0,306	0,000	0,007	0,021	FALSE
0,167	0,304	0,006	0,010	0,229	FALSE
0,169	0,295	0,006	0,010	0,232	FALSE
0,123	0,301	0,005	0,013	0,143	FALSE
-0,078	0,303	-0,001	0,006	0,073	FALSE
-0,081	0,296	-0,002	0,006	0,120	FALSE
-0,092	0,307	-0,002	0,007	0,120	FALSE
0,174	0,306	0,006	0,011	0,243	FALSE
0,032	0,316	0,001	0,008	0,049	FALSE
-0,018	0,314	0,000	0,009	0,010	FALSE
0,012	0,316	0,001	0,007	0,029	FALSE
0,034	0,323	0,001	0,009	0,048	FALSE
0,061	0,300	0,001	0,007	0,054	FALSE
-0,030	0,309	-0,001	0,013	0,025	FALSE
-0,083	0,300	-0,002	0,006	0,099	FALSE
0,071	0,314	0,001	0,007	0,071	FALSE
-0,105	0,306	-0,002	0,006	0,128	FALSE
0,008	0,303	0,000	0,012	0,010	FALSE
0,009	0,308	0,000	0,007	0,011	FALSE
-0,007	0,326	-0,001	0,008	0,021	FALSE
0,007	0,311	0,000	0,008	0,013	FALSE
-0,049	0,300	-0,001	0,008	0,050	FALSE
0,034	0,318	0,001	0,008	0,036	FALSE
-0,016	0,313	0,000	0,011	0,005	FALSE
-0,023	0,301	0,000	0,011	0,006	FALSE
0,030	0,311	0,001	0,007	0,044	FALSE
0,056	0,316	0,002	0,013	0,067	FALSE
0,141	0,310	0,003	0,007	0,195	FALSE
0,173	0,311	0,004	0,008	0,221	FALSE
0,001	0,304	0,000	0,007	0,004	FALSE

-0,075	0,323	-0,002	0,007	0,088	FALSE
-0,035	0,294	-0,002	0,011	0,064	FALSE
-0,007	0,298	0,000	0,006	0,022	FALSE
-0,008	0,306	0,000	0,010	0,012	FALSE
-0,015	0,301	0,000	0,011	0,011	FALSE
-0,044	0,301	-0,002	0,011	0,083	FALSE
-0,028	0,315	-0,001	0,009	0,033	FALSE
-0,037	0,312	-0,001	0,008	0,027	FALSE
-0,083	0,312	-0,002	0,008	0,092	FALSE
0,055	0,303	0,002	0,009	0,090	FALSE
0,019	0,316	0,001	0,007	0,039	FALSE
-0,053	0,313	-0,001	0,008	0,038	FALSE
0,077	0,318	0,002	0,008	0,086	FALSE
0,015	0,304	0,000	0,009	0,002	FALSE
-0,130	0,302	-0,003	0,008	0,174	FALSE
0,054	0,300	0,002	0,010	0,065	FALSE
-0,126	0,307	-0,004	0,010	0,141	FALSE
0,008	0,310	0,000	0,007	0,006	FALSE
0,027	0,316	0,001	0,007	0,049	FALSE
0,035	0,291	0,001	0,012	0,018	FALSE
-0,053	0,301	-0,002	0,011	0,064	FALSE
-0,041	0,311	-0,001	0,007	0,074	FALSE
0,075	0,307	0,002	0,007	0,090	FALSE
0,013	0,316	0,000	0,011	0,014	FALSE
-0,014	0,325	0,000	0,008	0,002	FALSE
-0,019	0,304	-0,001	0,010	0,019	FALSE
-0,037	0,326	-0,002	0,012	0,045	FALSE
-0,134	0,314	-0,005	0,011	0,199	FALSE
0,040	0,311	0,001	0,008	0,055	FALSE
0,008	0,308	0,000	0,007	0,011	FALSE
0,093	0,291	0,002	0,008	0,112	FALSE
0,121	0,303	0,002	0,007	0,137	FALSE
0,102	0,309	0,002	0,008	0,123	FALSE
-0,083	0,293	-0,002	0,007	0,120	FALSE
-0,046	0,321	-0,002	0,010	0,078	FALSE
-0,017	0,305	0,000	0,007	0,011	FALSE
-0,013	0,312	0,000	0,010	0,007	FALSE
-0,019	0,314	0,000	0,011	0,013	FALSE
-0,078	0,323	-0,001	0,008	0,066	FALSE
0,069	0,308	0,002	0,011	0,068	FALSE
-0,057	0,303	-0,002	0,010	0,066	FALSE
-0,042	0,301	-0,002	0,010	0,072	FALSE
0,112	0,299	0,003	0,009	0,124	FALSE
0,120	0,301	0,005	0,012	0,159	FALSE
-0,071	0,310	-0,002	0,011	0,086	FALSE
0,127	0,310	0,004	0,010	0,184	FALSE
0,115	0,297	0,003	0,008	0,160	FALSE
-0,124	0,315	-0,005	0,012	0,176	FALSE
-0,014	0,306	0,000	0,008	0,013	FALSE
-0,091	0,297	-0,002	0,007	0,108	FALSE
0,032	0,298	0,001	0,008	0,033	FALSE
0,117	0,322	0,003	0,008	0,153	FALSE
0,023	0,311	0,001	0,010	0,038	FALSE

0,005	0,316	0,000	0,007	0,025	FALSE
0,040	0,299	0,001	0,010	0,024	FALSE
0,031	0,306	0,002	0,012	0,051	FALSE
0,134	0,325	0,004	0,008	0,190	FALSE
0,043	0,299	0,001	0,009	0,030	FALSE
-0,037	0,300	-0,001	0,007	0,041	FALSE
0,097	0,299	0,004	0,011	0,125	FALSE
-0,020	0,309	0,000	0,008	0,013	FALSE
0,011	0,314	0,000	0,009	0,011	FALSE
-0,082	0,300	-0,002	0,012	0,070	FALSE
0,075	0,313	0,002	0,008	0,094	FALSE
0,070	0,301	0,002	0,008	0,079	FALSE
-0,117	0,293	-0,002	0,006	0,120	FALSE
0,021	0,312	0,000	0,007	0,009	FALSE
0,034	0,300	0,002	0,012	0,050	FALSE
0,020	0,295	0,002	0,013	0,050	FALSE
-0,084	0,294	-0,004	0,013	0,122	FALSE
-0,001	0,302	0,000	0,009	0,003	FALSE
0,149	0,311	0,004	0,008	0,199	FALSE
-0,130	0,287	-0,004	0,009	0,178	FALSE
0,001	0,303	0,000	0,013	0,003	FALSE
-0,172	0,296	-0,005	0,008	0,265	FALSE
-0,024	0,286	-0,001	0,012	0,038	FALSE
-0,009	0,287	-0,001	0,011	0,028	FALSE
-0,111	0,314	-0,003	0,007	0,147	FALSE
0,024	0,317	0,001	0,009	0,056	FALSE
0,128	0,296	0,004	0,008	0,191	FALSE
0,096	0,290	0,003	0,008	0,148	FALSE
0,110	0,304	0,003	0,007	0,146	FALSE
0,109	0,294	0,003	0,007	0,160	FALSE
0,071	0,297	0,002	0,007	0,102	FALSE
-0,007	0,303	0,000	0,012	0,004	FALSE
0,031	0,292	0,001	0,012	0,040	FALSE
-0,005	0,309	0,000	0,008	0,008	FALSE
-0,006	0,296	0,000	0,008	0,003	FALSE
0,091	0,290	0,003	0,007	0,137	FALSE
0,093	0,311	0,003	0,012	0,107	FALSE
-0,016	0,293	0,000	0,010	0,003	FALSE
-0,173	0,304	-0,004	0,008	0,226	FALSE
-0,010	0,315	0,000	0,010	0,007	FALSE
-0,024	0,299	0,001	0,011	0,017	FALSE
-0,102	0,310	-0,002	0,007	0,120	FALSE
-0,057	0,306	-0,001	0,006	0,083	FALSE
0,048	0,318	0,001	0,009	0,059	FALSE
0,080	0,304	0,003	0,009	0,134	FALSE
-0,067	0,310	-0,001	0,006	0,080	FALSE
-0,076	0,311	-0,003	0,012	0,093	FALSE
0,052	0,311	0,002	0,013	0,074	FALSE
0,096	0,304	0,003	0,013	0,096	FALSE
0,002	0,289	0,000	0,007	0,017	FALSE
-0,118	0,309	-0,004	0,010	0,146	FALSE
-0,095	0,321	-0,003	0,011	0,116	FALSE
-0,063	0,302	-0,002	0,012	0,068	FALSE

-0,023	0,316	-0,001	0,013	0,031	FALSE
-0,005	0,309	0,000	0,013	0,006	FALSE
-0,053	0,310	-0,002	0,013	0,066	FALSE
0,010	0,304	0,000	0,012	0,009	FALSE
0,014	0,313	0,000	0,007	0,011	FALSE
0,209	0,282	0,008	0,012	0,303	FALSE
0,181	0,296	0,004	0,007	0,249	FALSE
-0,065	0,298	-0,001	0,007	0,042	FALSE
-0,039	0,310	0,000	0,008	0,017	FALSE
-0,035	0,313	-0,002	0,013	0,062	FALSE
-0,040	0,311	-0,001	0,008	0,049	FALSE
0,096	0,297	0,004	0,012	0,128	FALSE
-0,136	0,307	-0,004	0,009	0,187	FALSE
0,151	0,292	0,005	0,010	0,223	FALSE
-0,088	0,314	-0,003	0,012	0,084	FALSE
-0,175	0,300	-0,006	0,010	0,232	FALSE
-0,030	0,299	-0,001	0,007	0,050	FALSE
0,086	0,301	0,005	0,013	0,152	FALSE
0,029	0,307	0,001	0,008	0,026	FALSE
-0,018	0,307	-0,001	0,011	0,026	FALSE
0,038	0,290	0,001	0,008	0,049	FALSE
0,029	0,307	0,002	0,012	0,054	FALSE
-0,004	0,306	-0,001	0,011	0,025	FALSE
-0,050	0,300	-0,001	0,008	0,032	FALSE
-0,013	0,296	0,000	0,007	0,022	FALSE
-0,103	0,304	-0,004	0,008	0,185	FALSE
0,057	0,318	0,002	0,008	0,104	FALSE
0,061	0,300	0,001	0,009	0,036	FALSE
0,019	0,307	0,000	0,007	0,013	FALSE
-0,023	0,312	-0,001	0,013	0,018	FALSE
-0,079	0,296	-0,002	0,007	0,103	FALSE
0,214	0,294	0,004	0,007	0,287	FALSE
-0,031	0,308	0,000	0,007	0,017	FALSE
0,022	0,299	0,001	0,010	0,050	FALSE
0,065	0,298	0,002	0,010	0,057	FALSE
-0,006	0,296	0,000	0,008	0,014	FALSE
-0,054	0,320	-0,001	0,008	0,052	FALSE
-0,010	0,313	0,000	0,007	0,009	FALSE
-0,006	0,314	0,000	0,010	0,004	FALSE
-0,016	0,304	-0,001	0,007	0,030	FALSE
-0,041	0,303	-0,002	0,007	0,082	FALSE
-0,140	0,315	-0,003	0,009	0,163	FALSE
0,169	0,307	0,006	0,009	0,305	FALSE
0,031	0,307	0,002	0,012	0,052	FALSE
0,047	0,302	0,002	0,012	0,074	FALSE
0,005	0,291	0,001	0,007	0,033	FALSE
-0,016	0,283	0,000	0,008	0,018	FALSE
0,115	0,289	0,003	0,009	0,122	FALSE
-0,038	0,302	-0,002	0,009	0,071	FALSE
0,003	0,310	0,000	0,012	0,010	FALSE
0,010	0,314	0,000	0,011	0,000	FALSE
-0,090	0,308	-0,002	0,007	0,121	FALSE
0,086	0,304	0,002	0,006	0,107	FALSE

0,071	0,303	0,002	0,007	0,113	FALSE
0,003	0,307	0,000	0,009	0,007	FALSE
-0,036	0,312	-0,001	0,007	0,059	FALSE
0,138	0,301	0,005	0,011	0,171	FALSE
-0,020	0,303	0,000	0,006	0,006	FALSE
0,112	0,300	0,003	0,008	0,132	FALSE
-0,170	0,302	-0,007	0,011	0,265	FALSE
0,067	0,302	0,002	0,012	0,049	FALSE
-0,037	0,290	-0,001	0,009	0,040	FALSE
0,124	0,292	0,003	0,007	0,180	FALSE
-0,056	0,300	-0,001	0,011	0,037	FALSE
-0,004	0,303	-0,001	0,013	0,021	FALSE
0,077	0,319	0,004	0,013	0,115	FALSE
-0,064	0,314	-0,002	0,008	0,092	FALSE
0,083	0,296	0,002	0,008	0,093	FALSE
-0,045	0,296	-0,002	0,012	0,046	FALSE
-0,061	0,310	-0,001	0,007	0,073	FALSE
-0,064	0,307	-0,001	0,011	0,048	FALSE
0,055	0,306	0,002	0,010	0,094	FALSE
0,013	0,316	0,001	0,012	0,021	FALSE
0,064	0,298	0,002	0,009	0,075	FALSE
0,151	0,304	0,003	0,007	0,218	FALSE
-0,091	0,302	-0,002	0,008	0,119	FALSE
0,150	0,315	0,006	0,011	0,217	FALSE
-0,136	0,319	-0,005	0,013	0,177	FALSE
0,141	0,303	0,004	0,007	0,211	FALSE
-0,003	0,306	0,001	0,012	0,020	FALSE
0,008	0,312	0,001	0,013	0,022	FALSE
-0,009	0,297	0,000	0,012	0,014	FALSE
-0,067	0,308	-0,002	0,011	0,060	FALSE
-0,014	0,299	-0,001	0,009	0,024	FALSE
0,026	0,302	0,001	0,011	0,030	FALSE
-0,025	0,312	-0,001	0,011	0,027	FALSE
0,014	0,308	0,000	0,007	0,007	FALSE
0,114	0,311	0,002	0,007	0,121	FALSE
0,128	0,301	0,003	0,007	0,169	FALSE
-0,065	0,308	-0,003	0,011	0,092	FALSE
-0,026	0,301	-0,001	0,009	0,027	FALSE
-0,060	0,317	-0,002	0,009	0,073	FALSE
0,044	0,296	0,001	0,006	0,085	FALSE
0,059	0,312	0,002	0,013	0,061	FALSE
-0,057	0,298	-0,001	0,007	0,075	FALSE
0,000	0,307	0,000	0,009	0,013	FALSE
-0,077	0,292	-0,002	0,008	0,095	FALSE
0,083	0,292	0,002	0,006	0,099	FALSE
0,175	0,300	0,007	0,013	0,229	FALSE
0,031	0,321	0,001	0,009	0,033	FALSE
-0,029	0,311	-0,001	0,010	0,026	FALSE
-0,088	0,311	-0,002	0,007	0,099	FALSE
0,064	0,286	0,004	0,012	0,121	FALSE
0,049	0,303	0,001	0,008	0,061	FALSE
-0,107	0,289	-0,007	0,012	0,228	FALSE
0,086	0,307	0,002	0,007	0,142	FALSE

-0,058	0,294	-0,003	0,011	0,103	FALSE
-0,108	0,310	-0,005	0,013	0,143	FALSE
0,006	0,295	0,000	0,006	0,005	FALSE
-0,036	0,312	-0,001	0,011	0,041	FALSE
0,000	0,310	0,000	0,009	0,014	FALSE
0,022	0,304	0,001	0,008	0,039	FALSE
0,029	0,298	0,000	0,008	0,014	FALSE
-0,061	0,302	-0,001	0,007	0,062	FALSE
0,065	0,311	0,002	0,008	0,088	FALSE
-0,025	0,297	-0,001	0,009	0,023	FALSE
0,105	0,314	0,004	0,012	0,126	FALSE
0,030	0,315	0,001	0,008	0,034	FALSE
0,079	0,319	0,003	0,011	0,090	FALSE
0,078	0,309	0,002	0,009	0,102	FALSE
-0,107	0,315	-0,004	0,012	0,131	FALSE
0,034	0,313	0,001	0,007	0,060	FALSE
-0,083	0,322	-0,003	0,013	0,089	FALSE
-0,062	0,308	-0,002	0,006	0,099	FALSE
0,059	0,317	0,002	0,007	0,094	FALSE
-0,030	0,321	-0,001	0,007	0,028	FALSE
-0,046	0,321	-0,001	0,010	0,054	FALSE
-0,050	0,310	-0,002	0,010	0,061	FALSE
-0,126	0,297	-0,003	0,008	0,157	FALSE
-0,042	0,305	-0,001	0,008	0,036	FALSE
-0,173	0,298	-0,005	0,008	0,256	FALSE
0,020	0,314	0,000	0,012	0,004	FALSE
-0,112	0,305	-0,003	0,009	0,159	FALSE
-0,010	0,309	0,000	0,012	0,005	FALSE
-0,003	0,313	0,000	0,009	0,001	FALSE
-0,056	0,308	-0,001	0,008	0,043	FALSE
-0,050	0,289	-0,003	0,012	0,086	FALSE
0,027	0,297	0,002	0,011	0,053	FALSE
0,031	0,311	0,002	0,011	0,054	FALSE
0,023	0,314	0,000	0,007	0,012	FALSE
0,028	0,292	0,000	0,007	0,009	FALSE
-0,189	0,293	-0,004	0,007	0,252	FALSE
0,018	0,312	0,000	0,008	0,004	FALSE
0,116	0,307	0,005	0,012	0,154	FALSE
0,063	0,298	0,001	0,007	0,050	FALSE
-0,062	0,313	-0,001	0,007	0,077	FALSE
-0,084	0,303	-0,001	0,006	0,082	FALSE
-0,001	0,302	0,000	0,010	0,017	FALSE
-0,056	0,297	-0,002	0,009	0,098	FALSE
0,064	0,312	0,002	0,011	0,051	FALSE
-0,029	0,308	-0,001	0,010	0,030	FALSE
-0,059	0,306	-0,002	0,009	0,090	FALSE
0,029	0,306	0,001	0,013	0,028	FALSE
-0,114	0,306	-0,003	0,007	0,161	FALSE
-0,012	0,322	0,000	0,011	0,007	FALSE
-0,093	0,302	-0,003	0,008	0,134	FALSE
-0,119	0,307	-0,004	0,012	0,138	FALSE
-0,060	0,312	-0,002	0,009	0,072	FALSE
0,090	0,310	0,003	0,009	0,126	FALSE

-0,046	0,301	-0,001	0,012	0,035	FALSE
0,165	0,302	0,005	0,009	0,247	FALSE
-0,059	0,305	-0,003	0,013	0,077	FALSE
-0,109	0,300	-0,002	0,006	0,119	FALSE
0,017	0,311	0,001	0,007	0,034	FALSE
0,002	0,310	0,000	0,009	0,004	FALSE
-0,029	0,307	0,000	0,007	0,009	FALSE
-0,006	0,298	0,000	0,008	0,022	FALSE
-0,067	0,303	-0,003	0,012	0,089	FALSE
-0,163	0,306	-0,005	0,008	0,232	FALSE
0,003	0,303	0,000	0,007	0,007	FALSE
0,009	0,301	0,000	0,009	0,000	FALSE
-0,131	0,276	-0,005	0,011	0,183	FALSE
0,034	0,303	0,001	0,007	0,048	FALSE
0,040	0,310	0,001	0,007	0,050	FALSE
0,089	0,312	0,003	0,011	0,089	FALSE
0,091	0,288	0,002	0,006	0,095	FALSE
0,087	0,297	0,002	0,009	0,096	FALSE
0,083	0,304	0,003	0,009	0,139	FALSE
0,064	0,300	0,002	0,013	0,059	FALSE
-0,011	0,301	-0,001	0,010	0,034	FALSE
0,034	0,309	0,001	0,010	0,035	FALSE
-0,048	0,299	-0,001	0,009	0,027	FALSE
-0,082	0,301	-0,002	0,011	0,080	FALSE
0,034	0,315	0,002	0,012	0,045	FALSE
-0,032	0,299	0,000	0,009	0,014	FALSE
0,027	0,320	0,000	0,007	0,023	FALSE
0,006	0,300	0,000	0,008	0,020	FALSE
0,022	0,315	0,001	0,011	0,023	FALSE
-0,085	0,303	-0,002	0,006	0,125	FALSE
0,014	0,303	0,001	0,007	0,033	FALSE
0,053	0,314	0,001	0,007	0,073	FALSE
-0,075	0,321	-0,002	0,011	0,068	FALSE
-0,033	0,296	-0,001	0,012	0,034	FALSE
-0,054	0,300	-0,001	0,008	0,056	FALSE
-0,021	0,314	0,000	0,011	0,007	FALSE
-0,133	0,304	-0,004	0,008	0,180	FALSE
-0,137	0,304	-0,003	0,007	0,150	FALSE
0,064	0,298	0,002	0,008	0,093	FALSE
0,075	0,300	0,003	0,012	0,086	FALSE
-0,022	0,302	-0,001	0,007	0,041	FALSE
-0,161	0,306	-0,006	0,011	0,213	FALSE
-0,038	0,317	-0,001	0,008	0,025	FALSE
0,012	0,314	0,001	0,011	0,031	FALSE
0,009	0,314	0,001	0,007	0,044	FALSE
0,022	0,320	0,001	0,010	0,026	FALSE
-0,071	0,309	-0,003	0,009	0,108	FALSE
-0,037	0,305	-0,001	0,009	0,026	FALSE
-0,095	0,300	-0,002	0,007	0,115	FALSE
0,055	0,302	0,002	0,010	0,060	FALSE
-0,041	0,316	-0,002	0,011	0,074	FALSE
-0,041	0,304	-0,002	0,011	0,065	FALSE
-0,062	0,308	-0,003	0,011	0,108	FALSE

0,071	0,305	0,002	0,007	0,094	FALSE
0,086	0,306	0,003	0,011	0,112	FALSE
-0,113	0,307	-0,002	0,007	0,126	FALSE
0,006	0,313	0,001	0,009	0,028	FALSE
-0,175	0,294	-0,005	0,008	0,255	FALSE
0,015	0,297	0,000	0,007	0,016	FALSE
-0,059	0,306	-0,001	0,007	0,071	FALSE
0,052	0,299	0,002	0,010	0,089	FALSE
0,192	0,312	0,006	0,011	0,248	FALSE
-0,144	0,302	-0,005	0,010	0,201	FALSE
0,056	0,310	0,001	0,009	0,039	FALSE
-0,055	0,306	-0,001	0,007	0,065	FALSE
-0,004	0,312	-0,001	0,010	0,019	FALSE
-0,029	0,314	-0,001	0,010	0,037	FALSE
-0,127	0,308	-0,003	0,007	0,167	FALSE
0,017	0,298	0,001	0,010	0,029	FALSE
0,019	0,303	0,000	0,006	0,027	FALSE
0,070	0,303	0,003	0,010	0,108	FALSE
0,098	0,310	0,003	0,012	0,108	FALSE
0,093	0,303	0,003	0,012	0,117	FALSE
0,006	0,299	0,000	0,009	0,018	FALSE
-0,113	0,313	-0,004	0,010	0,178	FALSE
-0,057	0,309	-0,001	0,008	0,069	FALSE
0,019	0,301	0,001	0,013	0,015	FALSE
0,025	0,308	0,001	0,013	0,015	FALSE
0,013	0,323	0,000	0,007	0,023	FALSE
0,043	0,329	0,002	0,010	0,064	FALSE
-0,012	0,318	0,000	0,008	0,001	FALSE
-0,068	0,312	-0,003	0,010	0,100	FALSE
-0,026	0,306	-0,001	0,011	0,034	FALSE
0,061	0,301	0,002	0,012	0,044	FALSE
-0,011	0,298	0,001	0,008	0,028	FALSE
-0,063	0,305	-0,002	0,007	0,081	FALSE
-0,018	0,308	0,000	0,008	0,014	FALSE
0,014	0,309	0,001	0,013	0,023	FALSE
-0,065	0,315	-0,001	0,007	0,053	FALSE
0,002	0,305	0,001	0,010	0,020	FALSE
0,131	0,308	0,004	0,008	0,215	FALSE
-0,070	0,313	-0,002	0,007	0,115	FALSE
-0,050	0,306	-0,001	0,010	0,042	FALSE
-0,071	0,306	-0,002	0,010	0,074	FALSE
0,044	0,321	0,001	0,008	0,028	FALSE
0,074	0,304	0,002	0,007	0,109	FALSE
0,035	0,295	0,001	0,007	0,046	FALSE
0,046	0,297	0,002	0,010	0,072	FALSE
-0,039	0,304	-0,001	0,009	0,045	FALSE
-0,106	0,294	-0,003	0,007	0,158	FALSE
-0,023	0,320	0,000	0,009	0,008	FALSE
-0,011	0,317	-0,001	0,009	0,031	FALSE
-0,068	0,300	-0,001	0,010	0,056	FALSE
-0,177	0,302	-0,005	0,010	0,206	FALSE
-0,113	0,296	-0,003	0,010	0,131	FALSE
0,065	0,306	0,002	0,010	0,060	FALSE

-0,018	0,308	0,000	0,013	0,003	FALSE
-0,020	0,314	-0,001	0,012	0,020	FALSE
-0,006	0,310	0,000	0,008	0,009	FALSE
0,034	0,309	0,001	0,007	0,036	FALSE
-0,065	0,293	-0,002	0,010	0,082	FALSE
0,008	0,316	0,000	0,008	0,003	FALSE
-0,146	0,290	-0,003	0,006	0,250	FALSE
0,039	0,321	0,001	0,007	0,044	FALSE
-0,064	0,323	-0,001	0,010	0,052	FALSE
0,039	0,313	0,001	0,008	0,066	FALSE
0,042	0,313	0,002	0,008	0,068	FALSE
-0,085	0,308	-0,003	0,010	0,099	FALSE
0,095	0,303	0,004	0,013	0,115	FALSE
0,071	0,306	0,001	0,007	0,075	FALSE
0,072	0,316	0,001	0,007	0,074	FALSE
0,050	0,300	0,001	0,007	0,065	FALSE
0,027	0,310	0,002	0,009	0,068	FALSE
-0,025	0,304	0,000	0,011	0,005	FALSE
-0,052	0,309	-0,002	0,013	0,064	FALSE
-0,098	0,308	-0,004	0,013	0,125	FALSE
0,061	0,307	0,001	0,008	0,064	FALSE
-0,059	0,306	-0,003	0,011	0,107	FALSE
-0,061	0,306	-0,003	0,012	0,088	FALSE
-0,037	0,300	-0,001	0,010	0,040	FALSE
0,081	0,306	0,002	0,008	0,091	FALSE
-0,136	0,310	-0,004	0,009	0,168	FALSE
0,180	0,314	0,005	0,010	0,223	FALSE
-0,095	0,315	-0,004	0,011	0,141	FALSE
-0,018	0,305	-0,001	0,013	0,022	FALSE
0,013	0,311	0,000	0,008	0,003	FALSE
-0,049	0,310	-0,001	0,008	0,053	FALSE
0,034	0,301	0,002	0,010	0,069	FALSE
-0,038	0,296	-0,002	0,009	0,068	FALSE
0,015	0,312	0,001	0,007	0,031	FALSE
0,034	0,307	0,001	0,007	0,035	FALSE
0,068	0,305	0,003	0,011	0,094	FALSE
0,061	0,300	0,002	0,011	0,086	FALSE
-0,005	0,313	0,000	0,009	0,005	FALSE
-0,083	0,322	-0,003	0,011	0,117	FALSE
0,028	0,303	0,001	0,008	0,029	FALSE
-0,119	0,300	-0,004	0,008	0,182	FALSE
0,139	0,301	0,004	0,007	0,270	FALSE
0,097	0,305	0,002	0,009	0,085	FALSE
0,117	0,306	0,003	0,010	0,123	FALSE
0,018	0,289	0,001	0,010	0,050	FALSE
-0,120	0,300	-0,003	0,010	0,140	FALSE
-0,037	0,299	-0,002	0,012	0,062	FALSE
-0,052	0,306	-0,002	0,011	0,078	FALSE
-0,080	0,314	-0,004	0,013	0,133	FALSE
0,183	0,305	0,004	0,007	0,240	FALSE
-0,040	0,308	0,000	0,008	0,004	FALSE
0,051	0,310	0,002	0,008	0,075	FALSE
0,010	0,314	0,001	0,007	0,042	FALSE

-0,054	0,300	-0,001	0,010	0,051	FALSE
-0,013	0,309	-0,001	0,010	0,051	FALSE
-0,050	0,318	-0,001	0,010	0,057	FALSE
0,042	0,303	0,001	0,011	0,018	FALSE
0,108	0,308	0,002	0,007	0,143	FALSE
-0,031	0,294	-0,001	0,007	0,054	FALSE
0,010	0,303	0,000	0,009	0,004	FALSE
-0,144	0,303	-0,004	0,009	0,179	FALSE
0,025	0,317	0,000	0,011	0,011	FALSE
0,106	0,306	0,003	0,009	0,106	FALSE
0,147	0,305	0,004	0,009	0,202	FALSE
0,033	0,304	0,001	0,007	0,060	FALSE
0,069	0,297	0,002	0,008	0,090	FALSE
-0,074	0,303	-0,002	0,010	0,087	FALSE
0,206	0,284	0,006	0,008	0,357	FALSE
0,102	0,327	0,004	0,013	0,131	FALSE
-0,158	0,294	-0,006	0,013	0,208	FALSE
-0,017	0,317	-0,001	0,010	0,028	FALSE
0,119	0,296	0,003	0,008	0,163	FALSE
0,006	0,297	0,000	0,010	0,014	FALSE
0,024	0,304	0,000	0,008	0,016	FALSE
-0,056	0,297	-0,001	0,007	0,069	FALSE
0,027	0,307	0,001	0,008	0,035	FALSE
-0,096	0,319	-0,002	0,008	0,122	FALSE
-0,064	0,299	-0,002	0,009	0,086	FALSE
0,040	0,311	0,001	0,007	0,047	FALSE
0,093	0,304	0,002	0,007	0,120	FALSE
-0,139	0,311	-0,004	0,009	0,182	FALSE
-0,097	0,307	-0,002	0,007	0,120	FALSE
-0,013	0,298	-0,001	0,012	0,018	FALSE
0,005	0,311	0,001	0,011	0,022	FALSE
0,002	0,309	0,001	0,011	0,017	FALSE
-0,088	0,314	-0,004	0,012	0,118	FALSE
0,008	0,300	0,000	0,013	0,004	FALSE
0,010	0,309	0,001	0,009	0,029	FALSE
-0,020	0,315	0,000	0,008	0,001	FALSE
0,148	0,292	0,007	0,012	0,235	FALSE
-0,026	0,300	-0,002	0,012	0,052	FALSE
-0,104	0,307	-0,002	0,007	0,118	FALSE
-0,138	0,313	-0,003	0,007	0,177	FALSE
0,041	0,305	0,001	0,008	0,035	FALSE
-0,008	0,307	0,000	0,009	0,012	FALSE
0,125	0,295	0,004	0,011	0,155	FALSE
-0,049	0,313	-0,002	0,009	0,069	FALSE
0,183	0,305	0,005	0,008	0,269	FALSE
0,178	0,312	0,004	0,008	0,234	FALSE
-0,062	0,296	-0,001	0,006	0,050	FALSE
0,014	0,319	0,001	0,008	0,044	FALSE
0,072	0,312	0,003	0,012	0,092	FALSE
-0,016	0,304	-0,001	0,006	0,030	FALSE
0,019	0,319	0,001	0,009	0,026	FALSE
-0,135	0,298	-0,005	0,011	0,185	FALSE
-0,049	0,303	-0,002	0,012	0,061	FALSE

-0,090	0,305	-0,003	0,011	0,114	FALSE
0,042	0,317	0,001	0,008	0,063	FALSE
-0,064	0,310	-0,002	0,008	0,085	FALSE
-0,034	0,298	-0,001	0,012	0,018	FALSE
-0,102	0,301	-0,002	0,007	0,116	FALSE
0,160	0,314	0,007	0,012	0,232	FALSE
0,036	0,303	0,001	0,008	0,060	FALSE
0,018	0,313	0,001	0,008	0,033	FALSE
-0,231	0,296	-0,010	0,012	0,372	FALSE
0,043	0,301	0,002	0,009	0,094	FALSE
-0,087	0,307	-0,002	0,007	0,117	FALSE
-0,049	0,302	-0,002	0,012	0,048	FALSE
-0,016	0,322	-0,001	0,012	0,016	FALSE
-0,112	0,300	-0,005	0,012	0,155	FALSE
-0,144	0,305	-0,005	0,011	0,196	FALSE
0,101	0,309	0,003	0,009	0,117	FALSE
0,095	0,297	0,001	0,006	0,084	FALSE
0,068	0,307	0,001	0,013	0,034	FALSE
-0,006	0,299	0,000	0,007	0,015	FALSE
-0,190	0,301	-0,005	0,008	0,266	FALSE
0,048	0,299	0,002	0,010	0,070	FALSE
-0,067	0,295	-0,002	0,010	0,081	FALSE
0,039	0,320	0,001	0,012	0,026	FALSE
-0,038	0,300	-0,002	0,011	0,078	FALSE
0,026	0,312	0,001	0,007	0,052	FALSE
0,087	0,298	0,004	0,013	0,132	FALSE
-0,057	0,325	-0,003	0,012	0,087	FALSE
0,139	0,309	0,004	0,008	0,199	FALSE
0,021	0,307	0,000	0,007	0,019	FALSE
0,212	0,278	0,009	0,011	0,398	FALSE
-0,115	0,320	-0,003	0,008	0,166	FALSE
-0,109	0,311	-0,002	0,008	0,118	FALSE
-0,080	0,315	-0,003	0,011	0,101	FALSE
-0,037	0,311	-0,001	0,010	0,054	FALSE
-0,012	0,304	0,000	0,008	0,017	FALSE
-0,024	0,314	-0,001	0,010	0,035	FALSE
-0,067	0,308	-0,002	0,011	0,060	FALSE
-0,084	0,320	-0,002	0,012	0,076	FALSE
-0,003	0,304	0,000	0,008	0,019	FALSE
-0,106	0,307	-0,003	0,011	0,113	FALSE
0,027	0,314	0,001	0,010	0,021	FALSE
-0,080	0,310	-0,002	0,007	0,119	FALSE
-0,055	0,312	-0,002	0,013	0,071	FALSE
-0,026	0,299	-0,001	0,008	0,042	FALSE
0,014	0,308	0,000	0,008	0,014	FALSE
-0,011	0,299	0,000	0,007	0,005	FALSE
0,002	0,310	0,000	0,013	0,012	FALSE
-0,017	0,308	0,000	0,009	0,006	FALSE
0,062	0,315	0,002	0,007	0,090	FALSE
0,052	0,316	0,001	0,007	0,075	FALSE
0,072	0,318	0,003	0,009	0,108	FALSE
0,050	0,308	0,002	0,008	0,069	FALSE
0,027	0,304	0,001	0,009	0,025	FALSE

-0,082	0,300	-0,002	0,008	0,077	FALSE
0,058	0,324	0,003	0,013	0,076	FALSE
-0,072	0,295	-0,002	0,008	0,075	FALSE
0,153	0,308	0,003	0,007	0,185	FALSE
0,063	0,300	0,002	0,011	0,060	FALSE
0,023	0,302	-0,001	0,012	0,015	FALSE
-0,046	0,306	-0,001	0,012	0,044	FALSE
0,127	0,309	0,004	0,008	0,186	FALSE
0,052	0,308	0,001	0,006	0,054	FALSE
0,197	0,304	0,006	0,008	0,329	FALSE
0,016	0,310	0,001	0,008	0,027	FALSE
0,024	0,301	0,001	0,010	0,022	FALSE
-0,022	0,311	-0,001	0,010	0,031	FALSE
-0,005	0,302	0,000	0,006	0,002	FALSE
-0,011	0,304	-0,001	0,009	0,040	FALSE
-0,008	0,312	0,000	0,008	0,005	FALSE
-0,171	0,307	-0,006	0,010	0,242	FALSE
0,033	0,309	0,001	0,011	0,047	FALSE
0,029	0,303	0,001	0,011	0,047	FALSE
0,004	0,303	0,001	0,011	0,024	FALSE
-0,054	0,310	-0,002	0,010	0,075	FALSE
-0,021	0,308	-0,001	0,008	0,026	FALSE
0,066	0,297	0,003	0,012	0,098	FALSE
0,056	0,307	0,002	0,011	0,063	FALSE
-0,011	0,305	0,000	0,006	0,016	FALSE
-0,018	0,310	0,000	0,006	0,028	FALSE
-0,016	0,309	0,000	0,009	0,014	FALSE
-0,028	0,304	-0,001	0,011	0,049	FALSE
-0,088	0,305	-0,004	0,010	0,158	FALSE
-0,017	0,307	-0,001	0,009	0,024	FALSE
-0,031	0,309	0,000	0,007	0,011	FALSE
0,017	0,307	0,001	0,011	0,033	FALSE
0,012	0,320	0,001	0,012	0,034	FALSE
0,013	0,316	0,000	0,008	0,015	FALSE
0,105	0,300	0,004	0,010	0,163	FALSE
0,116	0,291	0,004	0,011	0,145	FALSE
-0,058	0,294	-0,001	0,007	0,057	FALSE
0,064	0,305	0,002	0,010	0,059	FALSE
-0,098	0,304	-0,004	0,013	0,119	FALSE
0,018	0,317	0,000	0,011	0,013	FALSE
-0,105	0,312	-0,005	0,012	0,164	FALSE
-0,014	0,310	0,000	0,007	0,002	FALSE
0,106	0,306	0,004	0,013	0,136	FALSE
-0,145	0,307	-0,005	0,011	0,203	FALSE
0,035	0,302	0,001	0,008	0,055	FALSE
-0,012	0,313	0,001	0,009	0,021	FALSE
0,014	0,319	0,000	0,013	0,008	FALSE
0,017	0,312	0,000	0,008	0,011	FALSE
0,128	0,316	0,004	0,009	0,178	FALSE
-0,127	0,308	-0,004	0,009	0,177	FALSE
-0,066	0,305	-0,003	0,011	0,090	FALSE
-0,045	0,319	-0,001	0,012	0,037	FALSE
0,023	0,321	0,001	0,011	0,040	FALSE

-0,130	0,302	-0,004	0,007	0,208	FALSE
0,072	0,308	0,001	0,006	0,077	FALSE
0,104	0,309	0,003	0,008	0,162	FALSE
0,080	0,310	0,003	0,010	0,099	FALSE
0,033	0,306	0,000	0,008	0,012	FALSE
0,134	0,309	0,005	0,013	0,148	FALSE
-0,021	0,310	0,000	0,010	0,010	FALSE
-0,071	0,310	-0,002	0,009	0,089	FALSE
-0,122	0,301	-0,004	0,010	0,162	FALSE
0,009	0,307	0,000	0,011	0,006	FALSE
0,093	0,310	0,002	0,007	0,138	FALSE
0,070	0,309	0,002	0,007	0,108	FALSE
0,004	0,306	0,000	0,007	0,024	FALSE
-0,005	0,296	0,000	0,007	0,010	FALSE
-0,061	0,308	-0,002	0,010	0,069	FALSE
0,061	0,303	0,002	0,012	0,071	FALSE
0,116	0,311	0,005	0,011	0,176	FALSE
-0,158	0,305	-0,007	0,013	0,236	FALSE
0,090	0,308	0,002	0,007	0,095	FALSE
-0,051	0,317	-0,002	0,008	0,071	FALSE
-0,114	0,281	-0,006	0,011	0,212	FALSE
-0,042	0,316	-0,001	0,008	0,045	FALSE
-0,033	0,305	-0,001	0,008	0,055	FALSE
-0,059	0,302	-0,001	0,007	0,047	FALSE
-0,048	0,314	-0,002	0,008	0,076	FALSE
-0,089	0,324	-0,004	0,012	0,137	FALSE
-0,041	0,314	-0,001	0,007	0,038	FALSE
-0,065	0,297	-0,001	0,007	0,051	FALSE
0,054	0,316	0,001	0,008	0,064	FALSE
-0,012	0,306	-0,001	0,008	0,028	FALSE
-0,064	0,287	-0,002	0,009	0,072	FALSE
-0,034	0,311	-0,001	0,011	0,028	FALSE
-0,091	0,305	-0,004	0,012	0,146	FALSE
0,164	0,290	0,003	0,007	0,203	FALSE
0,051	0,310	0,001	0,006	0,077	FALSE
0,011	0,303	0,000	0,010	0,015	FALSE
-0,071	0,296	-0,003	0,013	0,098	FALSE
0,021	0,317	0,000	0,010	0,018	FALSE
0,135	0,310	0,003	0,007	0,186	FALSE
-0,068	0,301	-0,001	0,008	0,053	FALSE
0,043	0,301	0,001	0,008	0,035	FALSE
-0,106	0,306	-0,003	0,007	0,147	FALSE
0,059	0,298	0,001	0,006	0,087	FALSE
0,042	0,305	0,001	0,012	0,043	FALSE
-0,108	0,301	-0,002	0,007	0,127	FALSE
0,001	0,302	0,000	0,007	0,010	FALSE
-0,038	0,307	-0,001	0,006	0,031	FALSE
0,029	0,317	0,001	0,012	0,044	FALSE
-0,065	0,305	-0,002	0,008	0,105	FALSE
0,001	0,317	0,000	0,006	0,009	FALSE
-0,104	0,312	-0,003	0,009	0,135	FALSE
-0,006	0,301	0,000	0,007	0,020	FALSE
-0,014	0,317	-0,001	0,009	0,038	FALSE

0,119	0,304	0,003	0,007	0,159	FALSE
-0,018	0,311	-0,001	0,011	0,033	FALSE
-0,098	0,310	-0,003	0,009	0,135	FALSE
0,019	0,318	0,001	0,009	0,026	FALSE
0,083	0,299	0,003	0,008	0,127	FALSE
0,009	0,321	0,001	0,010	0,027	FALSE
0,033	0,298	0,001	0,006	0,047	FALSE
-0,037	0,289	0,000	0,010	0,010	FALSE
0,021	0,295	0,001	0,009	0,021	FALSE
0,040	0,310	0,001	0,008	0,056	FALSE
0,048	0,315	0,001	0,008	0,053	FALSE
0,105	0,300	0,004	0,012	0,132	FALSE
0,056	0,312	0,002	0,007	0,098	FALSE
-0,039	0,313	0,000	0,008	0,023	FALSE
0,056	0,307	0,001	0,008	0,057	FALSE
0,059	0,304	0,002	0,008	0,093	FALSE
-0,087	0,307	-0,004	0,011	0,124	FALSE
-0,065	0,307	-0,002	0,007	0,082	FALSE
0,068	0,318	0,003	0,014	0,078	FALSE
0,209	0,295	0,008	0,011	0,328	FALSE
-0,066	0,297	-0,001	0,008	0,068	FALSE
0,196	0,287	0,006	0,009	0,281	FALSE
-0,027	0,308	0,000	0,008	0,014	FALSE
-0,035	0,310	-0,001	0,008	0,023	FALSE
-0,057	0,315	-0,002	0,012	0,067	FALSE
0,112	0,303	0,003	0,008	0,174	FALSE
0,004	0,298	0,000	0,010	0,005	FALSE
0,050	0,292	0,001	0,010	0,048	FALSE
0,027	0,306	0,001	0,012	0,029	FALSE
0,135	0,308	0,005	0,009	0,204	FALSE
0,117	0,288	0,003	0,007	0,185	FALSE
0,010	0,300	0,000	0,012	0,011	FALSE
0,053	0,293	0,002	0,010	0,066	FALSE
0,047	0,310	0,002	0,010	0,057	FALSE
0,030	0,309	0,000	0,009	0,017	FALSE
0,042	0,293	0,002	0,007	0,091	FALSE
-0,013	0,312	0,000	0,011	0,001	FALSE
0,022	0,306	0,001	0,009	0,033	FALSE
0,067	0,304	0,002	0,010	0,089	FALSE
-0,164	0,315	-0,008	0,013	0,268	FALSE
-0,146	0,308	-0,007	0,013	0,245	FALSE
-0,139	0,311	-0,007	0,013	0,225	FALSE
-0,160	0,304	-0,008	0,013	0,279	FALSE
0,085	0,304	0,003	0,012	0,107	FALSE
-0,117	0,281	-0,003	0,007	0,158	FALSE
-0,085	0,302	-0,002	0,008	0,093	FALSE
-0,065	0,302	-0,002	0,013	0,065	FALSE
0,045	0,326	0,002	0,012	0,058	FALSE
-0,006	0,311	0,000	0,012	0,010	FALSE
-0,008	0,320	0,000	0,013	0,003	FALSE
0,025	0,325	0,001	0,012	0,034	FALSE
-0,044	0,306	-0,001	0,007	0,051	FALSE
-0,016	0,315	0,000	0,012	0,006	FALSE

-0,024	0,298	-0,001	0,008	0,058	FALSE
0,037	0,301	0,001	0,012	0,030	FALSE
-0,076	0,312	-0,002	0,011	0,063	FALSE
-0,077	0,305	-0,001	0,007	0,076	FALSE
-0,026	0,312	-0,001	0,007	0,028	FALSE
-0,088	0,291	-0,004	0,010	0,165	FALSE
0,073	0,316	0,003	0,009	0,106	FALSE
0,083	0,314	0,002	0,008	0,102	FALSE
-0,046	0,316	-0,001	0,012	0,042	FALSE
0,071	0,304	0,002	0,008	0,087	FALSE
-0,008	0,328	0,000	0,008	0,005	FALSE
-0,123	0,293	-0,003	0,006	0,174	FALSE
0,035	0,290	0,001	0,012	0,021	FALSE
-0,122	0,305	-0,004	0,013	0,134	FALSE
-0,018	0,315	0,000	0,013	0,002	FALSE
0,071	0,303	0,003	0,012	0,084	FALSE
-0,072	0,301	-0,002	0,007	0,086	FALSE
0,079	0,333	0,002	0,008	0,108	FALSE
-0,041	0,294	-0,002	0,009	0,060	FALSE
0,081	0,295	0,001	0,007	0,058	FALSE
0,021	0,292	0,001	0,009	0,023	FALSE
-0,078	0,310	-0,002	0,011	0,074	FALSE
0,078	0,310	0,002	0,009	0,096	FALSE
0,036	0,316	0,001	0,008	0,062	FALSE
0,004	0,313	0,000	0,010	0,004	FALSE
0,024	0,311	0,001	0,009	0,049	FALSE
-0,072	0,312	-0,002	0,010	0,085	FALSE
0,030	0,301	0,000	0,009	0,017	FALSE
-0,044	0,313	-0,001	0,008	0,043	FALSE
-0,026	0,294	0,000	0,013	0,008	FALSE
-0,018	0,297	0,001	0,013	0,027	FALSE
0,017	0,307	0,000	0,011	0,002	FALSE
-0,068	0,312	-0,003	0,013	0,083	FALSE
0,086	0,299	0,003	0,008	0,133	FALSE
0,054	0,294	0,002	0,008	0,089	FALSE
-0,010	0,313	0,000	0,007	0,004	FALSE
0,034	0,303	0,001	0,007	0,053	FALSE
-0,072	0,303	-0,002	0,011	0,074	FALSE
0,155	0,301	0,006	0,012	0,219	FALSE
0,027	0,317	0,001	0,009	0,021	FALSE
0,083	0,325	0,002	0,008	0,101	FALSE
-0,035	0,297	-0,001	0,007	0,049	FALSE
0,040	0,310	0,002	0,010	0,062	FALSE
-0,034	0,320	-0,001	0,009	0,030	FALSE
-0,003	0,324	0,000	0,010	0,008	FALSE
-0,022	0,302	0,000	0,012	0,010	FALSE
0,001	0,319	0,000	0,008	0,018	FALSE
-0,061	0,290	-0,002	0,011	0,073	FALSE
0,002	0,290	-0,001	0,012	0,030	FALSE
0,138	0,317	0,005	0,012	0,181	FALSE
0,067	0,300	0,002	0,009	0,085	FALSE
0,170	0,284	0,004	0,006	0,285	FALSE
-0,016	0,309	-0,001	0,013	0,023	FALSE

-0,002	0,315	0,000	0,013	0,005	FALSE
-0,073	0,312	-0,003	0,012	0,080	FALSE
-0,069	0,298	-0,003	0,010	0,103	FALSE
-0,059	0,310	-0,002	0,009	0,095	FALSE
-0,109	0,315	-0,003	0,010	0,129	FALSE
0,218	0,292	0,009	0,011	0,384	FALSE
-0,017	0,312	-0,001	0,007	0,028	FALSE
0,041	0,329	0,001	0,011	0,035	FALSE
0,051	0,321	0,002	0,013	0,057	FALSE
0,091	0,294	0,001	0,006	0,090	FALSE
-0,162	0,291	-0,005	0,009	0,260	FALSE
0,019	0,319	0,001	0,006	0,032	FALSE
-0,045	0,314	-0,002	0,011	0,053	FALSE
0,026	0,320	0,001	0,013	0,024	FALSE
-0,140	0,303	-0,005	0,011	0,168	FALSE
-0,182	0,308	-0,007	0,011	0,251	FALSE
-0,002	0,311	0,000	0,011	0,016	FALSE
-0,120	0,299	-0,005	0,012	0,168	FALSE
-0,017	0,313	0,000	0,011	0,012	FALSE
-0,035	0,305	-0,001	0,011	0,021	FALSE
-0,099	0,304	-0,005	0,013	0,153	FALSE
-0,053	0,301	-0,003	0,011	0,101	FALSE
-0,061	0,323	-0,002	0,008	0,072	FALSE
0,071	0,327	0,002	0,008	0,108	FALSE
0,005	0,310	0,000	0,007	0,019	FALSE
0,003	0,305	0,000	0,006	0,000	FALSE
0,041	0,307	0,001	0,008	0,024	FALSE
-0,134	0,292	-0,006	0,012	0,201	FALSE
0,127	0,293	0,005	0,011	0,180	FALSE
0,194	0,298	0,008	0,013	0,270	FALSE
-0,032	0,301	-0,002	0,012	0,068	FALSE
-0,114	0,302	-0,003	0,008	0,130	FALSE
0,039	0,318	0,001	0,009	0,032	FALSE
-0,024	0,315	-0,001	0,013	0,021	FALSE
-0,053	0,302	-0,001	0,008	0,060	FALSE
0,000	0,315	0,001	0,007	0,030	FALSE
-0,046	0,316	-0,002	0,012	0,061	FALSE
0,015	0,294	0,001	0,012	0,019	FALSE
-0,085	0,290	-0,004	0,012	0,131	FALSE
0,069	0,318	0,002	0,007	0,118	FALSE
0,030	0,308	0,001	0,008	0,031	FALSE
-0,004	0,313	0,000	0,008	0,016	FALSE
-0,050	0,326	-0,001	0,008	0,056	FALSE
0,014	0,304	0,000	0,012	0,009	FALSE
0,005	0,317	0,000	0,012	0,009	FALSE
0,009	0,297	0,001	0,011	0,026	FALSE
0,024	0,295	0,001	0,011	0,042	FALSE
0,034	0,307	0,000	0,006	0,025	FALSE
0,009	0,304	0,001	0,012	0,016	FALSE
-0,050	0,292	-0,001	0,007	0,059	FALSE
-0,103	0,304	-0,002	0,008	0,104	FALSE
-0,085	0,299	-0,003	0,010	0,117	FALSE
0,038	0,315	0,002	0,010	0,079	FALSE

-0,013	0,292	0,000	0,009	0,014	FALSE
-0,156	0,293	-0,004	0,008	0,200	FALSE
0,075	0,301	0,003	0,009	0,117	FALSE
0,008	0,303	0,000	0,010	0,002	FALSE
-0,052	0,323	-0,002	0,012	0,061	FALSE
0,085	0,305	0,002	0,006	0,095	FALSE
-0,069	0,321	-0,003	0,010	0,102	FALSE
0,035	0,314	0,001	0,007	0,051	FALSE
0,045	0,316	0,001	0,007	0,060	FALSE
-0,004	0,303	0,001	0,012	0,029	FALSE
-0,006	0,296	0,001	0,012	0,016	FALSE
-0,204	0,287	-0,005	0,008	0,300	FALSE
-0,140	0,328	-0,005	0,011	0,180	FALSE
0,168	0,301	0,004	0,007	0,204	FALSE
0,072	0,312	0,002	0,009	0,078	FALSE
0,054	0,320	0,003	0,013	0,074	FALSE
0,035	0,311	0,002	0,012	0,047	FALSE
-0,007	0,296	0,000	0,008	0,003	FALSE
0,108	0,298	0,002	0,007	0,141	FALSE
0,120	0,303	0,005	0,012	0,161	FALSE
-0,071	0,313	-0,003	0,010	0,100	FALSE
0,032	0,314	0,001	0,009	0,056	FALSE
0,157	0,292	0,004	0,007	0,214	FALSE
0,158	0,301	0,004	0,008	0,213	FALSE
0,006	0,313	0,000	0,009	0,006	FALSE
0,052	0,295	0,001	0,011	0,050	FALSE
0,012	0,299	0,000	0,006	0,013	FALSE
0,004	0,298	0,000	0,006	0,001	FALSE
0,052	0,303	0,001	0,006	0,069	FALSE
-0,108	0,302	-0,003	0,009	0,124	FALSE
0,072	0,300	0,002	0,008	0,123	FALSE
0,091	0,297	0,002	0,007	0,123	FALSE
0,148	0,302	0,005	0,010	0,200	FALSE
0,193	0,320	0,006	0,010	0,262	FALSE
-0,082	0,300	-0,002	0,007	0,103	FALSE
0,032	0,305	0,001	0,007	0,053	FALSE
0,030	0,305	0,001	0,008	0,025	FALSE
0,030	0,317	0,001	0,007	0,040	FALSE
-0,060	0,305	-0,001	0,006	0,058	FALSE
-0,042	0,314	-0,001	0,007	0,043	FALSE
0,048	0,306	0,001	0,009	0,059	FALSE
0,051	0,317	0,002	0,009	0,074	FALSE
-0,131	0,300	-0,003	0,007	0,179	FALSE
0,042	0,306	0,000	0,007	0,023	FALSE
-0,159	0,308	-0,006	0,011	0,242	FALSE
0,124	0,311	0,005	0,012	0,164	FALSE
-0,066	0,305	-0,001	0,006	0,082	FALSE
0,025	0,316	0,001	0,010	0,046	FALSE
0,043	0,306	0,001	0,007	0,076	FALSE
-0,026	0,312	-0,001	0,011	0,030	FALSE
0,015	0,298	0,000	0,012	0,006	FALSE
0,075	0,308	0,002	0,010	0,080	FALSE
-0,069	0,313	-0,002	0,013	0,074	FALSE

0,058	0,301	0,002	0,009	0,082	FALSE
0,161	0,304	0,003	0,006	0,199	FALSE
-0,082	0,305	-0,003	0,013	0,078	FALSE
-0,096	0,293	-0,004	0,012	0,134	FALSE
0,016	0,306	0,000	0,007	0,006	FALSE
-0,114	0,318	-0,004	0,009	0,171	FALSE
-0,114	0,302	-0,003	0,008	0,130	FALSE
-0,106	0,303	-0,003	0,008	0,122	FALSE
-0,122	0,296	-0,004	0,010	0,156	FALSE
0,135	0,300	0,004	0,009	0,204	FALSE
0,029	0,311	0,001	0,012	0,039	FALSE
-0,088	0,308	-0,002	0,007	0,092	FALSE
-0,015	0,304	0,001	0,009	0,036	FALSE
0,160	0,301	0,003	0,006	0,204	FALSE
-0,114	0,313	-0,002	0,006	0,141	FALSE
0,140	0,299	0,005	0,010	0,190	FALSE
0,048	0,298	0,002	0,010	0,083	FALSE
-0,071	0,295	-0,003	0,012	0,098	FALSE
0,029	0,316	0,002	0,010	0,056	FALSE
0,002	0,304	0,000	0,010	0,014	FALSE
0,055	0,316	0,001	0,010	0,036	FALSE
-0,046	0,308	-0,002	0,010	0,057	FALSE
0,067	0,297	0,003	0,012	0,104	FALSE
0,036	0,323	0,001	0,008	0,028	FALSE
-0,102	0,295	-0,002	0,006	0,122	FALSE
-0,056	0,312	-0,002	0,011	0,055	FALSE
-0,150	0,308	-0,005	0,010	0,218	FALSE
0,081	0,307	0,003	0,013	0,106	FALSE
0,070	0,316	0,001	0,007	0,085	FALSE
0,023	0,310	0,001	0,007	0,035	FALSE
-0,270	0,295	-0,008	0,009	0,429	FALSE
0,009	0,306	0,000	0,007	0,001	FALSE
-0,167	0,288	-0,008	0,012	0,276	FALSE
-0,182	0,299	-0,008	0,012	0,277	FALSE
-0,248	0,285	-0,007	0,009	0,390	FALSE
-0,242	0,306	-0,007	0,009	0,366	FALSE
-0,034	0,307	-0,001	0,012	0,038	FALSE
-0,039	0,298	-0,002	0,011	0,056	FALSE
-0,034	0,317	-0,001	0,006	0,032	FALSE
0,015	0,317	0,000	0,011	0,003	FALSE
0,046	0,293	0,002	0,012	0,077	FALSE
0,063	0,312	0,001	0,007	0,062	FALSE
0,013	0,313	0,000	0,013	0,005	FALSE
0,092	0,314	0,002	0,006	0,122	FALSE
-0,063	0,308	-0,002	0,013	0,067	FALSE
0,036	0,303	0,001	0,011	0,020	FALSE
-0,073	0,299	-0,003	0,012	0,082	FALSE
-0,029	0,297	-0,001	0,012	0,025	FALSE
-0,160	0,297	-0,004	0,008	0,212	FALSE
0,026	0,311	0,001	0,010	0,053	FALSE
0,129	0,303	0,003	0,009	0,152	FALSE
-0,080	0,303	-0,003	0,012	0,085	FALSE
-0,114	0,292	-0,004	0,012	0,131	FALSE

-0,002	0,310	0,000	0,013	0,007	FALSE
0,114	0,306	0,003	0,008	0,153	FALSE
-0,035	0,305	-0,002	0,009	0,067	FALSE
0,059	0,307	0,001	0,007	0,062	FALSE
-0,052	0,297	-0,001	0,006	0,033	FALSE
0,009	0,306	0,001	0,008	0,040	FALSE
-0,066	0,306	-0,003	0,012	0,093	FALSE
-0,074	0,310	-0,003	0,013	0,105	FALSE
0,125	0,303	0,003	0,007	0,164	FALSE
0,047	0,312	0,001	0,012	0,029	FALSE
0,014	0,302	0,000	0,011	0,008	FALSE
-0,078	0,291	-0,003	0,012	0,118	FALSE
-0,009	0,320	-0,001	0,013	0,022	FALSE
0,025	0,310	0,001	0,013	0,036	FALSE
-0,015	0,298	0,000	0,010	0,015	FALSE
-0,057	0,302	-0,002	0,008	0,084	FALSE
-0,037	0,313	-0,001	0,009	0,060	FALSE
-0,057	0,300	-0,002	0,012	0,063	FALSE
-0,006	0,302	-0,001	0,011	0,029	FALSE
0,069	0,299	0,004	0,013	0,118	FALSE
-0,073	0,306	-0,003	0,012	0,094	FALSE
0,015	0,316	0,000	0,013	0,002	FALSE
0,046	0,318	0,002	0,009	0,064	FALSE
0,060	0,297	0,002	0,008	0,073	FALSE
-0,056	0,310	-0,002	0,012	0,061	FALSE
0,002	0,312	0,000	0,007	0,002	FALSE
-0,019	0,298	0,000	0,008	0,011	FALSE
0,078	0,289	0,002	0,007	0,111	FALSE
-0,051	0,305	-0,002	0,009	0,079	FALSE
0,051	0,312	0,003	0,013	0,079	FALSE
0,048	0,310	0,001	0,007	0,068	FALSE
-0,016	0,295	-0,001	0,010	0,034	FALSE
-0,016	0,307	0,000	0,013	0,010	FALSE
0,082	0,298	0,003	0,011	0,101	FALSE
-0,113	0,319	-0,004	0,010	0,159	FALSE
0,041	0,297	0,001	0,008	0,034	FALSE
0,002	0,316	0,001	0,013	0,030	FALSE
0,093	0,317	0,003	0,009	0,129	FALSE
-0,003	0,307	0,000	0,010	0,011	FALSE
0,066	0,296	0,003	0,009	0,114	FALSE
-0,068	0,312	-0,002	0,012	0,069	FALSE
-0,091	0,325	-0,002	0,009	0,103	FALSE
0,046	0,309	0,001	0,010	0,043	FALSE
0,095	0,298	0,004	0,012	0,112	FALSE
-0,118	0,298	-0,004	0,011	0,148	FALSE
0,090	0,309	0,002	0,008	0,116	FALSE
-0,111	0,309	-0,003	0,011	0,130	FALSE
-0,137	0,302	-0,005	0,011	0,179	FALSE
0,080	0,297	0,002	0,012	0,069	FALSE
-0,134	0,297	-0,005	0,011	0,179	FALSE
-0,107	0,298	-0,004	0,011	0,135	FALSE
0,052	0,304	0,003	0,013	0,082	FALSE
-0,044	0,308	-0,001	0,007	0,043	FALSE

0,013	0,318	0,001	0,011	0,026	FALSE
-0,034	0,296	0,000	0,008	0,014	FALSE
-0,122	0,305	-0,004	0,010	0,164	FALSE
-0,116	0,304	-0,004	0,010	0,155	FALSE
0,039	0,307	0,001	0,011	0,033	FALSE
-0,138	0,301	-0,005	0,011	0,198	FALSE
-0,142	0,296	-0,006	0,012	0,223	FALSE
0,033	0,300	0,001	0,006	0,030	FALSE
-0,045	0,298	-0,001	0,008	0,061	FALSE
-0,144	0,294	-0,005	0,010	0,188	FALSE
0,028	0,307	0,001	0,007	0,041	FALSE
0,047	0,313	0,001	0,007	0,046	FALSE
-0,113	0,292	-0,004	0,010	0,148	FALSE
0,110	0,307	0,003	0,010	0,135	FALSE
-0,086	0,305	-0,003	0,011	0,100	FALSE
-0,073	0,309	-0,002	0,011	0,064	FALSE
-0,088	0,301	-0,003	0,011	0,106	FALSE
-0,082	0,297	-0,003	0,011	0,115	FALSE
-0,206	0,309	-0,005	0,007	0,288	FALSE
-0,048	0,305	-0,002	0,010	0,079	FALSE
-0,045	0,308	-0,001	0,008	0,038	FALSE
0,051	0,317	0,002	0,013	0,065	FALSE
0,007	0,307	0,000	0,012	0,006	FALSE
-0,019	0,319	-0,001	0,013	0,025	FALSE
-0,197	0,289	-0,008	0,011	0,319	FALSE
-0,145	0,307	-0,005	0,011	0,198	FALSE
-0,142	0,290	-0,005	0,010	0,202	FALSE
-0,166	0,289	-0,006	0,011	0,225	FALSE
0,040	0,319	0,001	0,010	0,034	FALSE
0,176	0,304	0,005	0,009	0,226	FALSE
-0,015	0,309	-0,001	0,010	0,019	FALSE
-0,002	0,295	-0,001	0,009	0,031	FALSE
-0,060	0,293	-0,002	0,009	0,071	FALSE
0,042	0,315	0,001	0,009	0,057	FALSE
0,054	0,290	0,003	0,012	0,094	FALSE
-0,024	0,312	-0,001	0,007	0,035	FALSE
0,080	0,305	0,002	0,007	0,114	FALSE
0,081	0,303	0,002	0,007	0,094	FALSE
-0,166	0,293	-0,005	0,010	0,223	FALSE
0,043	0,303	0,002	0,008	0,079	FALSE
0,061	0,317	0,002	0,012	0,053	FALSE
0,162	0,306	0,004	0,007	0,252	FALSE
0,102	0,307	0,003	0,008	0,131	FALSE
0,127	0,308	0,003	0,007	0,173	FALSE
-0,130	0,317	-0,004	0,010	0,167	FALSE
0,117	0,308	0,004	0,012	0,143	FALSE
-0,001	0,310	0,000	0,006	0,004	FALSE
-0,062	0,309	-0,001	0,007	0,062	FALSE
0,042	0,301	0,002	0,013	0,052	FALSE
-0,119	0,312	-0,003	0,008	0,144	FALSE
-0,095	0,311	-0,002	0,008	0,119	FALSE
0,094	0,309	0,002	0,009	0,086	FALSE
0,126	0,299	0,004	0,012	0,149	FALSE

-0,057	0,305	-0,002	0,007	0,078	FALSE
0,066	0,299	0,001	0,007	0,067	FALSE
-0,077	0,301	-0,002	0,007	0,120	FALSE
-0,040	0,313	-0,001	0,013	0,031	FALSE
-0,019	0,309	0,000	0,012	0,000	FALSE
-0,045	0,296	-0,002	0,010	0,055	FALSE
-0,063	0,315	-0,002	0,010	0,084	FALSE
-0,019	0,314	0,000	0,013	0,004	FALSE
-0,005	0,307	0,001	0,012	0,015	FALSE
-0,064	0,325	-0,002	0,012	0,066	FALSE
-0,021	0,323	-0,001	0,012	0,026	FALSE
-0,046	0,307	-0,002	0,011	0,074	FALSE
-0,066	0,303	-0,002	0,009	0,089	FALSE
-0,033	0,298	-0,001	0,008	0,048	FALSE
-0,056	0,323	-0,001	0,008	0,060	FALSE
-0,028	0,321	-0,001	0,011	0,040	FALSE
-0,038	0,302	-0,001	0,007	0,032	FALSE
-0,025	0,314	-0,001	0,008	0,045	FALSE
-0,118	0,296	-0,004	0,011	0,148	FALSE
-0,018	0,300	-0,002	0,010	0,059	FALSE
0,066	0,297	0,003	0,011	0,086	FALSE
-0,122	0,309	-0,004	0,010	0,185	FALSE
-0,130	0,313	-0,005	0,010	0,185	FALSE
0,077	0,295	0,002	0,009	0,103	FALSE
-0,072	0,312	-0,003	0,010	0,102	FALSE
0,147	0,305	0,005	0,009	0,225	FALSE
-0,001	0,302	0,000	0,009	0,001	FALSE
-0,107	0,294	-0,004	0,009	0,183	FALSE
0,028	0,315	0,001	0,012	0,020	FALSE
0,016	0,319	0,000	0,009	0,006	FALSE
-0,035	0,295	-0,002	0,012	0,061	FALSE
-0,048	0,332	-0,001	0,012	0,045	FALSE
-0,069	0,295	-0,001	0,006	0,089	FALSE
0,092	0,305	0,003	0,009	0,136	FALSE
-0,068	0,300	-0,001	0,007	0,035	FALSE
0,120	0,299	0,006	0,012	0,214	FALSE
0,145	0,295	0,004	0,008	0,214	FALSE
0,034	0,301	0,001	0,012	0,038	FALSE
-0,080	0,309	-0,002	0,008	0,078	FALSE
-0,076	0,292	-0,003	0,010	0,097	FALSE
0,028	0,310	0,001	0,007	0,032	FALSE
-0,145	0,310	-0,003	0,008	0,159	FALSE
0,098	0,309	0,005	0,012	0,149	FALSE
0,165	0,315	0,004	0,008	0,200	FALSE
-0,081	0,304	-0,002	0,009	0,084	FALSE
-0,087	0,308	-0,002	0,009	0,098	FALSE
0,147	0,307	0,006	0,013	0,201	FALSE
0,086	0,303	0,004	0,009	0,168	FALSE
0,165	0,305	0,007	0,012	0,249	FALSE
0,081	0,306	0,003	0,012	0,078	FALSE
0,132	0,315	0,004	0,013	0,128	FALSE
0,042	0,309	0,001	0,011	0,029	FALSE
0,005	0,316	0,000	0,006	0,005	FALSE

-0,010	0,304	0,000	0,009	0,004	FALSE
0,004	0,318	0,000	0,008	0,009	FALSE
0,116	0,299	0,002	0,006	0,153	FALSE
-0,031	0,308	-0,002	0,012	0,057	FALSE
0,010	0,307	0,000	0,011	0,003	FALSE
-0,021	0,315	-0,002	0,012	0,046	FALSE
0,004	0,301	0,000	0,012	0,008	FALSE
-0,138	0,304	-0,004	0,009	0,182	FALSE
0,111	0,303	0,003	0,007	0,152	FALSE
-0,106	0,318	-0,003	0,009	0,152	FALSE
0,062	0,291	0,002	0,012	0,077	FALSE
0,139	0,294	0,003	0,007	0,198	FALSE
-0,068	0,315	-0,003	0,012	0,095	FALSE
-0,038	0,305	-0,001	0,010	0,048	FALSE
-0,019	0,325	0,000	0,006	0,010	FALSE
0,159	0,306	0,006	0,013	0,194	FALSE
0,078	0,309	0,001	0,006	0,076	FALSE
0,066	0,326	0,001	0,007	0,078	FALSE
0,084	0,310	0,002	0,007	0,117	FALSE
-0,034	0,311	-0,001	0,013	0,037	FALSE
-0,077	0,321	-0,004	0,013	0,101	FALSE
-0,050	0,309	-0,002	0,010	0,068	FALSE
0,043	0,293	0,002	0,008	0,074	FALSE
-0,057	0,290	-0,003	0,012	0,082	FALSE
-0,069	0,312	-0,002	0,010	0,082	FALSE
0,034	0,302	0,001	0,012	0,044	FALSE
0,056	0,299	0,002	0,006	0,112	FALSE
-0,035	0,306	-0,001	0,012	0,036	FALSE
0,046	0,302	0,001	0,009	0,057	FALSE
-0,075	0,303	-0,002	0,010	0,089	FALSE
-0,077	0,301	-0,003	0,010	0,106	FALSE
0,056	0,306	0,002	0,011	0,057	FALSE
0,077	0,306	0,001	0,008	0,059	FALSE
-0,076	0,301	-0,004	0,011	0,138	FALSE
0,075	0,296	0,003	0,009	0,134	FALSE
0,049	0,295	0,002	0,009	0,071	FALSE
-0,051	0,306	-0,002	0,010	0,062	FALSE
0,080	0,294	0,002	0,011	0,069	FALSE
-0,049	0,309	-0,002	0,011	0,081	FALSE
0,103	0,294	0,004	0,012	0,145	FALSE
-0,031	0,299	-0,002	0,012	0,066	FALSE
-0,123	0,299	-0,004	0,008	0,186	FALSE
-0,055	0,307	-0,001	0,007	0,058	FALSE
0,185	0,294	0,005	0,006	0,334	FALSE
0,036	0,328	0,001	0,010	0,038	FALSE
-0,040	0,301	-0,001	0,012	0,028	FALSE
-0,155	0,298	-0,006	0,012	0,216	FALSE
-0,234	0,282	-0,010	0,011	0,411	FALSE
-0,021	0,322	0,000	0,013	0,007	FALSE
0,034	0,289	0,001	0,012	0,041	FALSE
-0,085	0,311	-0,002	0,008	0,072	FALSE
-0,076	0,300	-0,002	0,007	0,106	FALSE
-0,029	0,303	0,000	0,012	0,002	FALSE

-0,007	0,309	-0,001	0,012	0,018	FALSE
0,025	0,310	0,001	0,010	0,040	FALSE
0,009	0,319	0,000	0,012	0,003	FALSE
0,082	0,306	0,002	0,008	0,111	FALSE
0,107	0,302	0,004	0,013	0,123	FALSE
-0,064	0,316	-0,003	0,011	0,110	FALSE
0,049	0,303	0,002	0,008	0,101	FALSE
-0,047	0,288	-0,001	0,006	0,042	FALSE
-0,145	0,314	-0,005	0,011	0,196	FALSE
-0,049	0,301	-0,002	0,012	0,052	FALSE
-0,125	0,301	-0,004	0,008	0,193	FALSE
0,050	0,296	0,002	0,008	0,096	FALSE
0,096	0,298	0,004	0,009	0,183	FALSE
0,112	0,290	0,004	0,008	0,214	FALSE
0,034	0,309	0,001	0,012	0,037	FALSE
-0,065	0,311	-0,002	0,010	0,087	FALSE
-0,060	0,300	-0,002	0,010	0,077	FALSE
-0,028	0,302	-0,001	0,011	0,032	FALSE
0,034	0,301	0,001	0,012	0,044	FALSE
0,049	0,304	0,002	0,009	0,068	FALSE
0,068	0,315	0,002	0,009	0,065	FALSE
-0,013	0,309	0,000	0,008	0,019	FALSE
-0,070	0,301	-0,002	0,007	0,131	FALSE
-0,008	0,307	-0,001	0,012	0,027	FALSE
-0,129	0,312	-0,004	0,009	0,178	FALSE
0,074	0,313	0,002	0,010	0,090	FALSE
-0,125	0,300	-0,004	0,009	0,193	FALSE
0,049	0,315	0,002	0,013	0,062	FALSE
-0,124	0,323	-0,004	0,011	0,138	FALSE
0,005	0,314	0,000	0,006	0,007	FALSE
0,050	0,287	0,002	0,011	0,055	FALSE
-0,085	0,318	-0,003	0,011	0,119	FALSE
0,003	0,315	0,000	0,009	0,006	FALSE
0,075	0,299	0,003	0,012	0,111	FALSE
-0,001	0,315	-0,001	0,009	0,026	FALSE
-0,002	0,299	-0,001	0,011	0,019	FALSE
-0,044	0,309	-0,001	0,008	0,026	FALSE
0,016	0,318	0,001	0,008	0,046	FALSE
-0,070	0,309	-0,002	0,008	0,087	FALSE
-0,025	0,306	-0,001	0,012	0,015	FALSE
-0,023	0,306	-0,001	0,008	0,032	FALSE
-0,164	0,309	-0,005	0,010	0,213	FALSE
-0,043	0,311	-0,002	0,010	0,060	FALSE
-0,026	0,313	-0,001	0,011	0,036	FALSE
-0,036	0,300	-0,001	0,012	0,043	FALSE
-0,017	0,307	0,000	0,009	0,001	FALSE
-0,021	0,304	-0,001	0,009	0,037	FALSE
-0,053	0,307	-0,001	0,009	0,058	FALSE
0,122	0,305	0,003	0,006	0,184	FALSE
0,018	0,305	0,001	0,009	0,023	FALSE
0,026	0,302	0,001	0,010	0,030	FALSE
-0,087	0,295	-0,004	0,012	0,118	FALSE
-0,006	0,306	0,000	0,009	0,012	FALSE

-0,049	0,297	-0,001	0,006	0,092	FALSE
0,052	0,305	0,002	0,009	0,070	FALSE
0,071	0,313	0,003	0,011	0,112	FALSE
-0,099	0,299	-0,004	0,011	0,171	FALSE
0,025	0,321	0,001	0,013	0,028	FALSE
0,150	0,301	0,005	0,009	0,227	FALSE
0,118	0,307	0,003	0,007	0,171	FALSE
0,026	0,309	0,001	0,010	0,049	FALSE
0,106	0,302	0,003	0,009	0,152	FALSE
0,021	0,309	0,001	0,012	0,043	FALSE
-0,174	0,299	-0,004	0,008	0,228	FALSE
0,077	0,305	0,004	0,012	0,122	FALSE
0,153	0,310	0,004	0,009	0,213	FALSE
0,099	0,305	0,004	0,009	0,155	FALSE
-0,129	0,299	-0,005	0,011	0,175	FALSE
0,015	0,304	0,000	0,013	0,001	FALSE
-0,057	0,307	-0,002	0,009	0,083	FALSE
-0,036	0,298	-0,001	0,007	0,035	FALSE
0,060	0,306	0,002	0,007	0,099	FALSE
-0,008	0,313	0,000	0,008	0,010	FALSE
0,004	0,312	0,000	0,009	0,009	FALSE
0,118	0,305	0,004	0,009	0,164	FALSE
0,020	0,296	0,001	0,008	0,025	FALSE
0,048	0,307	0,001	0,008	0,065	FALSE
0,122	0,299	0,003	0,007	0,148	FALSE
0,048	0,307	0,002	0,008	0,081	FALSE
-0,061	0,305	-0,002	0,010	0,095	FALSE
0,044	0,314	0,001	0,008	0,054	FALSE
0,087	0,291	0,004	0,012	0,119	FALSE
-0,069	0,297	-0,002	0,012	0,071	FALSE
-0,035	0,297	-0,001	0,010	0,040	FALSE
-0,061	0,301	-0,001	0,008	0,052	FALSE
-0,002	0,300	0,001	0,010	0,021	FALSE
0,079	0,303	0,001	0,006	0,081	FALSE
-0,015	0,296	0,000	0,006	0,013	FALSE
0,021	0,311	0,000	0,006	0,012	FALSE
-0,012	0,307	-0,001	0,011	0,017	FALSE
-0,012	0,308	-0,001	0,010	0,028	FALSE
0,095	0,306	0,003	0,009	0,141	FALSE
0,098	0,311	0,004	0,011	0,127	FALSE
-0,103	0,312	-0,003	0,008	0,149	FALSE
0,149	0,279	0,004	0,010	0,161	FALSE
-0,064	0,315	-0,003	0,013	0,093	FALSE
0,053	0,312	0,002	0,010	0,071	FALSE
0,057	0,301	0,001	0,007	0,061	FALSE
0,034	0,311	0,001	0,007	0,039	FALSE
0,024	0,296	0,001	0,013	0,023	FALSE
-0,078	0,305	-0,003	0,009	0,114	FALSE
-0,095	0,292	-0,004	0,010	0,154	FALSE
-0,151	0,280	-0,006	0,009	0,283	FALSE
-0,008	0,296	-0,001	0,012	0,035	FALSE
0,011	0,312	0,000	0,010	0,009	FALSE
-0,074	0,307	-0,002	0,008	0,087	FALSE

-0,057	0,312	-0,003	0,012	0,079	FALSE
-0,084	0,300	-0,002	0,007	0,117	FALSE
-0,150	0,306	-0,003	0,006	0,184	FALSE
0,028	0,329	0,001	0,007	0,047	FALSE
-0,008	0,313	-0,001	0,013	0,034	FALSE
-0,043	0,291	-0,001	0,008	0,027	FALSE
0,030	0,314	0,001	0,011	0,023	FALSE
-0,050	0,318	-0,003	0,013	0,096	FALSE
-0,029	0,303	-0,001	0,012	0,044	FALSE
-0,063	0,312	-0,001	0,009	0,055	FALSE
-0,015	0,303	0,000	0,007	0,020	FALSE
-0,006	0,304	0,000	0,011	0,010	FALSE
-0,029	0,298	-0,001	0,010	0,047	FALSE
0,037	0,294	0,001	0,011	0,016	FALSE
-0,007	0,315	-0,001	0,012	0,032	FALSE
-0,013	0,309	0,000	0,007	0,025	FALSE
0,127	0,292	0,004	0,007	0,217	FALSE
0,087	0,305	0,002	0,007	0,124	FALSE
-0,064	0,316	-0,003	0,011	0,092	FALSE
0,075	0,305	0,003	0,012	0,111	FALSE
-0,022	0,308	0,000	0,009	0,012	FALSE
-0,031	0,300	-0,001	0,009	0,022	FALSE
-0,043	0,316	-0,002	0,011	0,048	FALSE
-0,077	0,312	-0,001	0,007	0,076	FALSE
-0,005	0,301	0,000	0,009	0,001	FALSE
0,074	0,301	0,002	0,011	0,071	FALSE
0,097	0,303	0,002	0,007	0,135	FALSE
0,128	0,308	0,005	0,013	0,159	FALSE
0,042	0,313	0,001	0,008	0,034	FALSE
-0,154	0,303	-0,006	0,011	0,238	FALSE
-0,068	0,306	-0,001	0,007	0,060	FALSE
0,017	0,287	0,001	0,011	0,040	FALSE
0,063	0,301	0,002	0,009	0,102	FALSE
0,028	0,317	0,001	0,007	0,052	FALSE
0,055	0,308	0,001	0,010	0,054	FALSE
0,074	0,314	0,002	0,011	0,084	FALSE
0,079	0,313	0,002	0,008	0,091	FALSE
0,083	0,301	0,003	0,013	0,101	FALSE
-0,046	0,315	-0,001	0,008	0,054	FALSE
0,079	0,298	0,004	0,012	0,130	FALSE
0,037	0,302	0,002	0,012	0,073	FALSE
-0,049	0,315	-0,002	0,012	0,074	FALSE
-0,017	0,290	-0,001	0,006	0,055	FALSE
-0,009	0,311	0,000	0,007	0,000	FALSE
0,023	0,296	0,000	0,007	0,019	FALSE
0,048	0,291	0,001	0,008	0,068	FALSE
-0,074	0,291	-0,002	0,010	0,064	FALSE
0,048	0,300	0,001	0,006	0,049	FALSE
-0,062	0,302	-0,001	0,008	0,046	FALSE
0,017	0,306	0,000	0,007	0,021	FALSE
-0,086	0,321	-0,004	0,013	0,131	FALSE
0,057	0,318	0,001	0,010	0,044	FALSE
0,042	0,314	0,002	0,010	0,069	FALSE

-0,050	0,312	-0,001	0,008	0,054	FALSE
-0,006	0,287	0,000	0,008	0,014	FALSE
0,022	0,296	0,001	0,009	0,040	FALSE
-0,028	0,317	-0,001	0,008	0,042	FALSE
-0,021	0,307	-0,001	0,008	0,029	FALSE
0,097	0,312	0,004	0,013	0,128	FALSE
-0,157	0,293	-0,005	0,009	0,248	FALSE
-0,011	0,311	0,000	0,008	0,016	FALSE
-0,021	0,312	0,000	0,008	0,021	FALSE
-0,030	0,315	-0,001	0,010	0,039	FALSE
0,000	0,302	0,000	0,006	0,012	FALSE
-0,165	0,319	-0,004	0,007	0,203	FALSE
-0,003	0,314	0,000	0,013	0,008	FALSE
-0,035	0,300	-0,002	0,008	0,068	FALSE
0,059	0,311	0,002	0,008	0,078	FALSE
0,025	0,323	0,001	0,007	0,035	FALSE
-0,079	0,316	-0,003	0,012	0,087	FALSE
0,104	0,308	0,003	0,010	0,120	FALSE
-0,001	0,305	0,000	0,011	0,012	FALSE
0,055	0,303	0,001	0,007	0,061	FALSE
0,018	0,310	0,000	0,007	0,020	FALSE
-0,066	0,306	-0,002	0,007	0,089	FALSE
0,065	0,293	0,002	0,009	0,066	FALSE
-0,071	0,315	-0,003	0,011	0,105	FALSE
-0,014	0,301	-0,001	0,010	0,033	FALSE
-0,056	0,310	-0,001	0,008	0,059	FALSE
0,034	0,309	0,001	0,007	0,059	FALSE
0,146	0,318	0,004	0,012	0,148	FALSE
0,076	0,306	0,002	0,008	0,089	FALSE
0,118	0,306	0,006	0,013	0,178	FALSE
-0,159	0,296	-0,006	0,012	0,198	FALSE
-0,042	0,311	0,000	0,010	0,015	FALSE
0,091	0,296	0,002	0,009	0,079	FALSE
0,087	0,319	0,003	0,013	0,104	FALSE
-0,207	0,304	-0,008	0,012	0,294	FALSE
0,043	0,306	0,001	0,010	0,043	FALSE
0,051	0,315	0,003	0,012	0,082	FALSE
0,044	0,314	0,001	0,007	0,059	FALSE
-0,032	0,309	-0,001	0,009	0,049	FALSE
-0,083	0,314	-0,002	0,007	0,111	FALSE
-0,092	0,298	-0,003	0,009	0,112	FALSE
0,133	0,309	0,005	0,010	0,191	FALSE
0,089	0,304	0,002	0,013	0,066	FALSE
0,002	0,315	0,001	0,012	0,018	FALSE
0,042	0,318	0,002	0,008	0,070	FALSE
0,024	0,282	0,002	0,010	0,079	FALSE
0,036	0,312	0,002	0,011	0,063	FALSE
0,040	0,303	0,001	0,007	0,060	FALSE
-0,114	0,306	-0,002	0,007	0,141	FALSE
0,026	0,306	0,001	0,010	0,022	FALSE
0,042	0,298	0,001	0,006	0,037	FALSE
-0,014	0,305	0,000	0,008	0,014	FALSE
0,125	0,291	0,003	0,007	0,148	FALSE

-0,166	0,298	-0,005	0,008	0,233	FALSE
0,008	0,300	0,000	0,007	0,011	FALSE
-0,044	0,309	-0,001	0,008	0,043	FALSE
0,049	0,300	0,001	0,010	0,039	FALSE
0,106	0,311	0,004	0,008	0,180	FALSE
-0,061	0,314	-0,002	0,009	0,083	FALSE
-0,045	0,309	-0,002	0,011	0,062	FALSE
-0,098	0,300	-0,003	0,012	0,105	FALSE
-0,112	0,293	-0,004	0,013	0,130	FALSE
0,078	0,309	0,003	0,011	0,096	FALSE
-0,009	0,324	-0,001	0,010	0,030	FALSE
0,039	0,291	0,001	0,006	0,071	FALSE
0,037	0,313	0,001	0,007	0,043	FALSE
0,022	0,311	0,000	0,009	0,003	FALSE
0,018	0,308	0,000	0,008	0,019	FALSE
0,006	0,313	0,000	0,011	0,016	FALSE
-0,106	0,313	-0,002	0,007	0,112	FALSE
0,086	0,316	0,003	0,008	0,124	FALSE
0,085	0,313	0,003	0,008	0,135	FALSE
0,116	0,312	0,003	0,010	0,142	FALSE
-0,132	0,303	-0,005	0,013	0,150	FALSE
-0,096	0,317	-0,004	0,012	0,122	FALSE
-0,085	0,307	-0,002	0,008	0,108	FALSE
0,028	0,289	0,001	0,007	0,032	FALSE
0,121	0,309	0,004	0,010	0,140	FALSE
0,051	0,303	0,001	0,007	0,060	FALSE
0,123	0,304	0,006	0,012	0,196	FALSE
-0,009	0,313	-0,001	0,010	0,021	FALSE
-0,054	0,307	-0,002	0,008	0,087	FALSE
0,037	0,297	0,003	0,010	0,104	FALSE
-0,016	0,302	0,000	0,007	0,025	FALSE
0,022	0,309	0,001	0,008	0,030	FALSE
0,167	0,294	0,006	0,010	0,297	FALSE
0,004	0,312	0,000	0,007	0,005	FALSE
-0,060	0,308	-0,002	0,007	0,083	FALSE
-0,116	0,294	-0,003	0,007	0,153	FALSE
0,076	0,320	0,003	0,009	0,111	FALSE
0,017	0,304	0,001	0,012	0,023	FALSE
-0,021	0,302	-0,001	0,012	0,030	FALSE
0,034	0,317	0,001	0,008	0,059	FALSE
0,108	0,310	0,005	0,011	0,200	FALSE
-0,055	0,308	-0,003	0,012	0,101	FALSE
0,085	0,298	0,004	0,011	0,140	FALSE
-0,043	0,307	-0,001	0,009	0,045	FALSE
-0,048	0,310	-0,002	0,010	0,075	FALSE
0,001	0,312	0,000	0,007	0,007	FALSE
0,047	0,303	0,001	0,008	0,045	FALSE
0,207	0,299	0,004	0,007	0,283	FALSE
-0,062	0,321	-0,003	0,009	0,107	FALSE
-0,072	0,307	-0,004	0,012	0,117	FALSE
-0,037	0,306	-0,002	0,010	0,078	FALSE
-0,150	0,288	-0,004	0,009	0,161	FALSE
-0,068	0,315	-0,001	0,007	0,076	FALSE

0,089	0,300	0,004	0,012	0,139	FALSE
-0,102	0,298	-0,006	0,012	0,185	FALSE
-0,039	0,316	-0,001	0,007	0,059	FALSE
-0,033	0,309	-0,002	0,013	0,055	FALSE
-0,078	0,291	-0,004	0,013	0,141	FALSE
0,093	0,311	0,003	0,010	0,123	FALSE
-0,090	0,334	-0,003	0,010	0,117	FALSE
-0,008	0,310	0,000	0,011	0,010	FALSE
0,103	0,309	0,004	0,011	0,122	FALSE
-0,053	0,299	-0,001	0,008	0,052	FALSE
0,068	0,314	0,003	0,013	0,085	FALSE
0,032	0,297	0,001	0,010	0,044	FALSE
-0,066	0,296	-0,002	0,012	0,072	FALSE
0,201	0,300	0,007	0,010	0,299	FALSE
0,054	0,304	0,001	0,007	0,068	FALSE
0,017	0,303	0,001	0,010	0,023	FALSE
0,000	0,323	0,000	0,007	0,012	FALSE
0,044	0,300	0,001	0,008	0,051	FALSE
0,041	0,300	0,001	0,008	0,058	FALSE
0,182	0,307	0,005	0,008	0,281	FALSE
0,049	0,309	0,002	0,011	0,073	FALSE
-0,084	0,300	-0,002	0,007	0,116	FALSE
-0,021	0,310	0,000	0,007	0,024	FALSE
0,000	0,311	0,000	0,013	0,005	FALSE
-0,112	0,297	-0,005	0,012	0,171	FALSE
0,023	0,307	0,000	0,007	0,020	FALSE
0,008	0,315	0,000	0,012	0,002	FALSE
-0,011	0,299	0,000	0,007	0,001	FALSE
-0,007	0,296	0,000	0,007	0,017	FALSE
0,105	0,298	0,004	0,011	0,130	FALSE
-0,107	0,325	-0,003	0,011	0,120	FALSE
-0,086	0,305	-0,002	0,010	0,088	FALSE
-0,060	0,286	-0,002	0,009	0,084	FALSE
-0,012	0,301	-0,001	0,007	0,034	FALSE
-0,016	0,312	0,000	0,010	0,009	FALSE
-0,073	0,317	-0,002	0,009	0,073	FALSE
0,033	0,308	0,001	0,010	0,036	FALSE
0,038	0,313	0,002	0,011	0,052	FALSE
0,009	0,313	0,000	0,011	0,004	FALSE
0,009	0,310	0,000	0,011	0,012	FALSE
-0,026	0,312	0,000	0,007	0,024	FALSE
0,037	0,307	0,000	0,008	0,012	FALSE
0,036	0,319	0,001	0,008	0,058	FALSE
-0,090	0,307	-0,004	0,012	0,126	FALSE
-0,017	0,296	-0,001	0,009	0,028	FALSE
0,020	0,318	0,001	0,013	0,034	FALSE
-0,034	0,308	-0,001	0,007	0,050	FALSE
-0,079	0,308	-0,004	0,012	0,112	FALSE
-0,114	0,304	-0,003	0,009	0,136	FALSE
0,141	0,299	0,004	0,009	0,175	FALSE
0,042	0,294	0,001	0,007	0,036	FALSE
-0,079	0,303	-0,003	0,012	0,103	FALSE
-0,042	0,306	-0,001	0,009	0,026	FALSE

-0,043	0,308	-0,001	0,007	0,048	FALSE
0,037	0,299	0,001	0,010	0,045	FALSE
-0,022	0,294	-0,001	0,012	0,019	FALSE
0,077	0,301	0,003	0,011	0,089	FALSE
0,008	0,320	0,000	0,013	0,003	FALSE
-0,016	0,303	-0,001	0,012	0,019	FALSE
0,000	0,304	-0,001	0,013	0,023	FALSE
0,082	0,299	0,004	0,013	0,129	FALSE
-0,028	0,297	-0,001	0,011	0,041	FALSE
-0,142	0,298	-0,005	0,013	0,162	FALSE
0,030	0,307	0,001	0,010	0,031	FALSE
0,062	0,319	0,003	0,011	0,097	FALSE
0,038	0,310	0,001	0,011	0,033	FALSE
-0,129	0,304	-0,003	0,007	0,172	FALSE
0,017	0,319	0,001	0,009	0,023	FALSE
0,110	0,304	0,004	0,008	0,193	FALSE
0,127	0,309	0,004	0,009	0,182	FALSE
0,126	0,307	0,005	0,013	0,171	FALSE
-0,020	0,317	0,000	0,009	0,018	FALSE
-0,075	0,306	-0,003	0,012	0,114	FALSE
0,053	0,299	0,002	0,009	0,065	FALSE
-0,029	0,303	0,000	0,006	0,010	FALSE
0,037	0,318	0,001	0,007	0,037	FALSE
0,121	0,304	0,005	0,013	0,159	FALSE
0,075	0,307	0,001	0,007	0,074	FALSE
0,121	0,303	0,003	0,008	0,150	FALSE
-0,075	0,300	-0,002	0,008	0,072	FALSE
0,111	0,305	0,003	0,008	0,172	FALSE
0,043	0,301	0,001	0,008	0,064	FALSE
-0,025	0,300	0,000	0,008	0,012	FALSE
0,037	0,306	0,002	0,009	0,075	FALSE
-0,020	0,312	0,000	0,013	0,003	FALSE
-0,023	0,299	0,000	0,009	0,001	FALSE
0,027	0,321	0,001	0,008	0,031	FALSE
0,021	0,304	0,001	0,010	0,027	FALSE
0,100	0,305	0,003	0,008	0,131	FALSE
0,015	0,308	0,000	0,008	0,009	FALSE
0,015	0,322	0,001	0,012	0,026	FALSE
0,034	0,311	0,001	0,010	0,019	FALSE
-0,116	0,303	-0,002	0,006	0,139	FALSE
-0,091	0,307	-0,002	0,007	0,094	FALSE
0,112	0,304	0,004	0,012	0,122	FALSE
-0,047	0,304	-0,001	0,011	0,031	FALSE
-0,030	0,296	-0,001	0,007	0,043	FALSE
-0,131	0,286	-0,005	0,012	0,181	FALSE
0,013	0,293	0,000	0,012	0,005	FALSE
0,053	0,309	0,002	0,012	0,052	FALSE
0,184	0,299	0,006	0,010	0,266	FALSE
-0,008	0,302	0,001	0,010	0,024	FALSE
-0,075	0,309	-0,002	0,008	0,075	FALSE
0,073	0,308	0,003	0,013	0,084	FALSE
-0,035	0,305	-0,001	0,011	0,027	FALSE
-0,044	0,312	-0,001	0,008	0,026	FALSE

-0,023	0,325	-0,001	0,010	0,048	FALSE
-0,019	0,315	-0,001	0,007	0,025	FALSE
0,015	0,326	0,001	0,007	0,037	FALSE
0,001	0,313	0,000	0,010	0,001	FALSE
-0,092	0,310	-0,003	0,010	0,113	FALSE
-0,088	0,298	-0,003	0,012	0,104	FALSE
0,022	0,321	0,000	0,011	0,006	FALSE
-0,111	0,312	-0,003	0,008	0,120	FALSE
-0,086	0,306	-0,004	0,011	0,131	FALSE
0,056	0,305	0,001	0,010	0,051	FALSE
-0,045	0,307	-0,001	0,011	0,037	FALSE
0,083	0,307	0,003	0,010	0,103	FALSE
-0,048	0,307	-0,001	0,007	0,043	FALSE
-0,084	0,318	-0,002	0,008	0,116	FALSE
0,023	0,318	0,002	0,011	0,053	FALSE
-0,028	0,317	-0,001	0,013	0,034	FALSE
0,028	0,303	0,001	0,009	0,030	FALSE
-0,026	0,281	-0,001	0,007	0,047	FALSE
0,009	0,315	0,000	0,009	0,013	FALSE
0,030	0,307	0,001	0,010	0,023	FALSE
0,081	0,306	0,002	0,008	0,097	FALSE
-0,039	0,318	-0,001	0,007	0,038	FALSE
0,026	0,298	0,001	0,008	0,043	FALSE
0,065	0,306	0,002	0,010	0,082	FALSE
0,064	0,296	0,002	0,012	0,057	FALSE
-0,044	0,315	-0,001	0,007	0,071	FALSE
-0,212	0,299	-0,008	0,011	0,330	FALSE
-0,062	0,301	-0,002	0,009	0,069	FALSE
-0,005	0,317	-0,001	0,011	0,030	FALSE
-0,085	0,312	-0,002	0,008	0,087	FALSE
-0,091	0,295	-0,002	0,007	0,097	FALSE
-0,101	0,303	-0,002	0,007	0,117	FALSE
-0,072	0,312	-0,001	0,007	0,076	FALSE
-0,101	0,311	-0,002	0,007	0,108	FALSE
-0,005	0,300	0,000	0,010	0,002	FALSE
-0,098	0,305	-0,002	0,007	0,116	FALSE
0,030	0,293	0,000	0,008	0,013	FALSE
0,023	0,308	0,000	0,012	0,006	FALSE
-0,067	0,301	-0,002	0,010	0,086	FALSE
-0,046	0,303	-0,001	0,012	0,036	FALSE
-0,061	0,311	-0,002	0,012	0,045	FALSE
0,007	0,304	0,000	0,010	0,005	FALSE
0,091	0,295	0,002	0,007	0,141	FALSE
0,063	0,315	0,001	0,007	0,056	FALSE
-0,132	0,299	-0,004	0,010	0,168	FALSE
0,054	0,304	0,002	0,013	0,044	FALSE
-0,082	0,306	-0,003	0,010	0,101	FALSE
0,044	0,316	0,002	0,013	0,052	FALSE
0,124	0,301	0,002	0,007	0,149	FALSE
0,053	0,304	0,001	0,007	0,048	FALSE
-0,034	0,311	-0,001	0,008	0,061	FALSE
0,044	0,311	0,001	0,006	0,058	FALSE
0,078	0,299	0,002	0,013	0,062	FALSE

0,022	0,311	0,001	0,010	0,028	FALSE
0,014	0,298	0,001	0,009	0,035	FALSE
-0,019	0,304	0,000	0,011	0,008	FALSE
0,062	0,308	0,001	0,008	0,030	FALSE
0,013	0,294	0,000	0,012	0,009	FALSE
0,136	0,310	0,005	0,012	0,176	FALSE
-0,004	0,296	0,000	0,007	0,020	FALSE
0,002	0,322	0,000	0,007	0,013	FALSE
-0,090	0,312	-0,004	0,011	0,133	FALSE
-0,015	0,308	0,000	0,009	0,018	FALSE
0,099	0,297	0,004	0,012	0,146	FALSE
0,042	0,303	0,000	0,007	0,019	FALSE
0,052	0,303	0,001	0,007	0,044	FALSE
-0,014	0,322	0,000	0,007	0,019	FALSE
-0,058	0,309	-0,001	0,010	0,057	FALSE
-0,109	0,324	-0,004	0,012	0,139	FALSE
-0,100	0,320	-0,003	0,008	0,129	FALSE
-0,021	0,298	-0,001	0,012	0,035	FALSE
0,078	0,308	0,002	0,013	0,064	FALSE
0,118	0,297	0,003	0,007	0,159	FALSE
0,040	0,305	0,001	0,007	0,033	FALSE
0,033	0,328	0,001	0,010	0,041	FALSE
-0,060	0,286	-0,003	0,011	0,094	FALSE
-0,043	0,292	-0,002	0,012	0,063	FALSE
-0,088	0,312	-0,003	0,012	0,092	FALSE
0,174	0,299	0,007	0,012	0,273	FALSE
-0,023	0,325	-0,001	0,008	0,029	FALSE
-0,001	0,308	0,000	0,012	0,012	FALSE
-0,151	0,301	-0,005	0,009	0,216	FALSE
-0,045	0,306	-0,001	0,009	0,052	FALSE
-0,089	0,301	-0,004	0,011	0,134	FALSE
0,101	0,307	0,004	0,013	0,121	FALSE
-0,152	0,297	-0,005	0,010	0,215	FALSE
-0,116	0,299	-0,003	0,010	0,135	FALSE
-0,049	0,313	-0,001	0,007	0,069	FALSE
-0,123	0,314	-0,003	0,008	0,167	FALSE
-0,056	0,296	-0,002	0,010	0,069	FALSE
0,036	0,313	0,002	0,013	0,054	FALSE
0,207	0,301	0,005	0,008	0,299	FALSE
0,039	0,301	0,001	0,011	0,036	FALSE
-0,057	0,302	-0,001	0,008	0,072	FALSE
0,012	0,321	0,000	0,008	0,014	FALSE
-0,021	0,310	-0,001	0,009	0,026	FALSE
0,062	0,303	0,001	0,008	0,037	FALSE
-0,030	0,309	-0,001	0,012	0,028	FALSE
-0,052	0,311	-0,002	0,008	0,075	FALSE
-0,018	0,320	0,000	0,007	0,008	FALSE
0,018	0,310	0,000	0,010	0,002	FALSE
-0,076	0,308	-0,003	0,009	0,132	FALSE
-0,050	0,312	-0,001	0,007	0,046	FALSE
-0,155	0,281	-0,006	0,011	0,228	FALSE
-0,067	0,288	-0,002	0,012	0,060	FALSE
0,152	0,294	0,007	0,012	0,240	FALSE

0,036	0,311	0,002	0,009	0,073	FALSE
0,073	0,311	0,003	0,012	0,103	FALSE
-0,119	0,301	-0,003	0,007	0,166	FALSE
0,022	0,299	0,001	0,010	0,019	FALSE
-0,042	0,309	-0,002	0,010	0,067	FALSE
0,057	0,302	0,001	0,009	0,057	FALSE
-0,060	0,303	-0,002	0,007	0,077	FALSE
0,099	0,313	0,003	0,008	0,134	FALSE
-0,193	0,298	-0,006	0,009	0,289	FALSE
-0,176	0,308	-0,005	0,009	0,232	FALSE
0,067	0,305	0,003	0,010	0,135	FALSE
-0,056	0,298	-0,002	0,008	0,107	FALSE
0,146	0,303	0,004	0,009	0,181	FALSE
0,044	0,314	0,001	0,006	0,076	FALSE
0,008	0,304	0,000	0,007	0,017	FALSE
-0,159	0,303	-0,004	0,008	0,229	FALSE
0,050	0,306	0,002	0,012	0,075	FALSE
0,085	0,308	0,002	0,006	0,118	FALSE
-0,048	0,299	-0,002	0,012	0,050	FALSE
0,069	0,310	0,002	0,011	0,075	FALSE
0,062	0,302	0,002	0,007	0,077	FALSE
0,020	0,312	0,000	0,012	0,003	FALSE
0,084	0,308	0,002	0,007	0,126	FALSE
0,067	0,301	0,003	0,012	0,085	FALSE
-0,026	0,314	0,000	0,010	0,012	FALSE
0,008	0,315	0,000	0,008	0,015	FALSE
-0,048	0,313	-0,001	0,007	0,062	FALSE
-0,001	0,304	0,000	0,010	0,011	FALSE
0,062	0,320	0,002	0,012	0,064	FALSE
0,076	0,324	0,003	0,012	0,084	FALSE
-0,017	0,317	0,000	0,011	0,013	FALSE
0,026	0,321	0,001	0,012	0,022	FALSE
-0,163	0,308	-0,004	0,007	0,232	FALSE
-0,065	0,321	-0,002	0,011	0,069	FALSE
0,065	0,309	0,002	0,010	0,080	FALSE
0,044	0,308	0,001	0,010	0,034	FALSE
0,063	0,315	0,002	0,010	0,070	FALSE
-0,038	0,309	0,000	0,007	0,024	FALSE
-0,073	0,306	-0,004	0,013	0,113	FALSE
0,032	0,307	0,002	0,013	0,053	FALSE
-0,030	0,313	-0,001	0,012	0,027	FALSE
-0,031	0,305	-0,001	0,008	0,023	FALSE
0,023	0,320	0,001	0,011	0,020	FALSE
-0,090	0,304	-0,002	0,007	0,089	FALSE
0,058	0,313	0,002	0,011	0,074	FALSE
0,004	0,299	0,000	0,006	0,015	FALSE
-0,130	0,309	-0,003	0,007	0,152	FALSE
-0,055	0,311	-0,001	0,007	0,085	FALSE
-0,070	0,298	-0,003	0,013	0,097	FALSE
-0,027	0,315	0,000	0,009	0,017	FALSE
-0,056	0,322	-0,002	0,012	0,075	FALSE
-0,025	0,313	-0,001	0,008	0,032	FALSE
0,047	0,319	0,002	0,011	0,084	FALSE

0,136	0,307	0,003	0,007	0,184	FALSE
0,115	0,288	0,005	0,011	0,187	FALSE
-0,020	0,291	0,000	0,007	0,012	FALSE
0,099	0,311	0,005	0,012	0,152	FALSE
0,025	0,305	0,000	0,006	0,023	FALSE
0,022	0,287	0,001	0,006	0,031	FALSE
0,120	0,303	0,003	0,008	0,169	FALSE
-0,109	0,311	-0,004	0,012	0,142	FALSE
0,050	0,321	0,001	0,007	0,049	FALSE
-0,045	0,296	-0,001	0,007	0,044	FALSE
0,031	0,300	0,001	0,008	0,068	FALSE
-0,005	0,308	0,000	0,007	0,021	FALSE
-0,099	0,297	-0,002	0,006	0,113	FALSE
-0,034	0,298	-0,001	0,006	0,054	FALSE
0,106	0,310	0,003	0,007	0,156	FALSE
-0,079	0,296	-0,003	0,011	0,114	FALSE
-0,019	0,304	-0,001	0,007	0,036	FALSE
0,007	0,309	0,000	0,012	0,006	FALSE
0,085	0,302	0,001	0,007	0,072	FALSE
0,045	0,323	0,002	0,013	0,044	FALSE
0,018	0,302	0,000	0,012	0,004	FALSE
-0,024	0,309	-0,002	0,012	0,052	FALSE
0,102	0,301	0,003	0,006	0,171	FALSE
0,128	0,307	0,004	0,009	0,171	FALSE
0,010	0,311	0,001	0,012	0,023	FALSE
0,025	0,309	0,001	0,011	0,045	FALSE
-0,105	0,301	-0,003	0,012	0,114	FALSE
-0,030	0,312	-0,001	0,012	0,028	FALSE
-0,126	0,299	-0,003	0,007	0,160	FALSE
-0,004	0,301	-0,001	0,011	0,033	FALSE
0,229	0,292	0,006	0,008	0,322	FALSE
-0,098	0,317	-0,003	0,008	0,124	FALSE
0,014	0,313	0,000	0,013	0,009	FALSE
-0,089	0,303	-0,005	0,013	0,148	FALSE
-0,075	0,306	-0,004	0,012	0,131	FALSE
-0,068	0,309	-0,002	0,009	0,082	FALSE
-0,013	0,310	-0,001	0,011	0,023	FALSE
-0,120	0,307	-0,005	0,012	0,160	FALSE
-0,096	0,310	-0,003	0,012	0,115	FALSE
0,092	0,303	0,004	0,011	0,131	FALSE
-0,095	0,314	-0,003	0,012	0,103	FALSE
-0,071	0,317	-0,001	0,007	0,082	FALSE
0,113	0,300	0,003	0,007	0,156	FALSE
0,104	0,307	0,004	0,013	0,129	FALSE
0,158	0,297	0,004	0,008	0,218	FALSE
-0,076	0,301	-0,003	0,011	0,125	FALSE
0,172	0,293	0,006	0,010	0,273	FALSE
-0,090	0,299	-0,004	0,011	0,146	FALSE
-0,112	0,303	-0,004	0,010	0,166	FALSE
-0,182	0,289	-0,008	0,011	0,341	FALSE
0,099	0,301	0,004	0,012	0,132	FALSE
-0,029	0,304	-0,002	0,013	0,047	FALSE
0,014	0,289	0,000	0,007	0,020	FALSE

-0,064	0,308	-0,003	0,013	0,097	FALSE
0,054	0,309	0,003	0,013	0,087	FALSE
-0,042	0,293	-0,003	0,012	0,089	FALSE
0,049	0,295	0,002	0,011	0,086	FALSE
-0,042	0,315	-0,001	0,009	0,049	FALSE
-0,034	0,310	-0,001	0,010	0,042	FALSE
-0,038	0,311	-0,002	0,013	0,071	FALSE
-0,089	0,308	-0,003	0,011	0,109	FALSE
-0,019	0,313	0,000	0,008	0,015	FALSE
0,118	0,313	0,004	0,010	0,147	FALSE
0,127	0,310	0,004	0,011	0,146	FALSE
0,120	0,310	0,003	0,008	0,151	FALSE
0,003	0,303	0,001	0,006	0,033	FALSE
-0,089	0,310	-0,002	0,007	0,104	FALSE
0,000	0,305	0,000	0,007	0,007	FALSE
0,067	0,309	0,002	0,010	0,091	FALSE
-0,180	0,306	-0,005	0,008	0,250	FALSE
-0,145	0,277	-0,006	0,011	0,229	FALSE
0,010	0,306	0,001	0,009	0,022	FALSE
0,011	0,318	0,000	0,010	0,003	FALSE
-0,014	0,295	0,000	0,007	0,009	FALSE
-0,058	0,308	-0,002	0,009	0,080	FALSE
-0,128	0,301	-0,003	0,007	0,176	FALSE
0,096	0,304	0,003	0,011	0,112	FALSE
0,077	0,296	0,003	0,012	0,091	FALSE
0,007	0,303	0,000	0,011	0,005	FALSE
0,000	0,300	0,000	0,007	0,005	FALSE
0,059	0,303	0,002	0,010	0,083	FALSE
0,155	0,292	0,005	0,011	0,208	FALSE
0,034	0,306	0,001	0,009	0,037	FALSE
-0,091	0,309	-0,002	0,006	0,137	FALSE
0,039	0,293	0,003	0,011	0,106	FALSE
0,046	0,321	0,002	0,008	0,091	FALSE
0,084	0,324	0,003	0,014	0,087	FALSE
0,046	0,315	0,001	0,007	0,043	FALSE
-0,008	0,303	0,000	0,012	0,012	FALSE
0,033	0,297	0,002	0,010	0,054	FALSE
-0,009	0,301	0,000	0,007	0,014	FALSE
-0,014	0,307	0,000	0,009	0,006	FALSE
0,013	0,297	0,002	0,011	0,053	FALSE
0,023	0,315	0,000	0,006	0,014	FALSE
0,093	0,296	0,004	0,009	0,158	FALSE
0,008	0,308	0,000	0,007	0,001	FALSE
0,102	0,307	0,004	0,010	0,151	FALSE
-0,001	0,300	0,001	0,012	0,017	FALSE
0,013	0,303	0,001	0,012	0,035	FALSE
-0,029	0,315	-0,001	0,011	0,029	FALSE
-0,038	0,308	-0,001	0,007	0,071	FALSE
0,014	0,319	0,000	0,008	0,002	FALSE
0,168	0,294	0,003	0,007	0,208	FALSE
0,100	0,313	0,003	0,007	0,139	FALSE
-0,047	0,313	-0,003	0,013	0,088	FALSE
0,096	0,310	0,002	0,009	0,076	FALSE

-0,067	0,309	-0,002	0,011	0,077	FALSE
-0,009	0,310	0,000	0,010	0,007	FALSE
-0,119	0,302	-0,003	0,007	0,152	FALSE
0,084	0,310	0,003	0,009	0,112	FALSE
0,003	0,302	0,000	0,007	0,015	FALSE
0,131	0,308	0,006	0,012	0,208	FALSE
0,152	0,303	0,007	0,013	0,245	FALSE
0,018	0,297	0,001	0,007	0,046	FALSE
0,137	0,291	0,004	0,010	0,155	FALSE
0,063	0,301	0,003	0,013	0,086	FALSE
-0,040	0,300	0,000	0,006	0,027	FALSE
0,158	0,315	0,004	0,009	0,195	FALSE
0,030	0,309	0,001	0,007	0,057	FALSE
0,073	0,296	0,001	0,006	0,088	FALSE
-0,045	0,311	-0,001	0,007	0,052	FALSE
0,009	0,301	0,001	0,007	0,052	FALSE
-0,130	0,299	-0,007	0,012	0,236	FALSE
-0,019	0,299	-0,001	0,010	0,048	FALSE
0,011	0,318	0,001	0,010	0,022	FALSE
-0,078	0,319	-0,002	0,012	0,066	FALSE
0,105	0,302	0,002	0,007	0,127	FALSE
-0,077	0,294	-0,002	0,008	0,080	FALSE
0,007	0,314	0,000	0,008	0,003	FALSE
-0,001	0,309	0,000	0,008	0,020	FALSE
-0,003	0,320	0,000	0,012	0,008	FALSE
0,146	0,306	0,006	0,011	0,215	FALSE
0,009	0,303	0,000	0,007	0,001	FALSE
0,082	0,312	0,001	0,006	0,082	FALSE
0,108	0,308	0,003	0,008	0,131	FALSE
-0,061	0,306	-0,003	0,013	0,088	FALSE
0,014	0,301	0,000	0,006	0,019	FALSE
0,002	0,302	0,000	0,006	0,003	FALSE
0,066	0,314	0,001	0,007	0,047	FALSE
0,153	0,308	0,006	0,013	0,197	FALSE
0,070	0,301	0,002	0,008	0,068	FALSE
-0,018	0,307	-0,001	0,012	0,030	FALSE
0,118	0,294	0,005	0,010	0,211	FALSE
-0,062	0,303	-0,004	0,010	0,148	FALSE
-0,018	0,302	-0,001	0,006	0,029	FALSE
-0,015	0,304	0,000	0,010	0,000	FALSE
-0,009	0,317	0,000	0,013	0,008	FALSE
-0,064	0,316	-0,002	0,010	0,070	FALSE
0,046	0,314	0,001	0,009	0,055	FALSE
0,027	0,294	0,001	0,011	0,027	FALSE
-0,154	0,296	-0,006	0,012	0,206	FALSE
0,045	0,306	0,001	0,010	0,054	FALSE
0,047	0,317	0,002	0,010	0,060	FALSE
-0,016	0,297	0,000	0,012	0,007	FALSE
0,015	0,299	0,000	0,007	0,018	FALSE
0,059	0,302	0,002	0,008	0,072	FALSE
0,056	0,317	0,002	0,011	0,066	FALSE
-0,124	0,314	-0,003	0,008	0,165	FALSE
0,001	0,292	0,000	0,008	0,016	FALSE

0,084	0,305	0,001	0,007	0,085	FALSE
0,028	0,308	0,001	0,012	0,029	FALSE
0,060	0,297	0,001	0,006	0,049	FALSE
-0,104	0,314	-0,002	0,007	0,120	FALSE
-0,071	0,301	-0,002	0,006	0,092	FALSE
0,175	0,291	0,007	0,010	0,308	FALSE
-0,087	0,316	-0,002	0,008	0,106	FALSE
0,052	0,302	0,001	0,008	0,048	FALSE
-0,142	0,305	-0,005	0,009	0,246	FALSE
-0,026	0,323	-0,001	0,009	0,038	FALSE
-0,070	0,303	-0,003	0,012	0,104	FALSE
-0,055	0,305	-0,002	0,009	0,076	FALSE
-0,051	0,306	-0,001	0,007	0,045	FALSE
-0,120	0,299	-0,004	0,009	0,169	FALSE
0,048	0,326	0,001	0,010	0,055	FALSE
0,072	0,307	0,003	0,012	0,085	FALSE
-0,095	0,305	-0,002	0,007	0,100	FALSE
0,061	0,298	0,003	0,013	0,090	FALSE
-0,029	0,317	-0,001	0,008	0,027	FALSE
0,103	0,312	0,004	0,011	0,140	FALSE
-0,029	0,319	-0,002	0,011	0,052	FALSE
0,075	0,310	0,003	0,011	0,112	FALSE
-0,053	0,310	-0,002	0,007	0,076	FALSE
0,066	0,293	0,001	0,007	0,045	FALSE
0,056	0,318	0,001	0,008	0,068	FALSE
0,035	0,314	0,001	0,013	0,038	FALSE
0,083	0,311	0,003	0,013	0,093	FALSE
-0,041	0,309	-0,001	0,007	0,050	FALSE
0,076	0,298	0,002	0,007	0,100	FALSE
0,028	0,307	0,001	0,009	0,034	FALSE
0,005	0,314	0,000	0,006	0,002	FALSE
0,041	0,307	0,002	0,009	0,072	FALSE
-0,048	0,305	-0,001	0,007	0,060	FALSE
0,016	0,301	0,001	0,010	0,026	FALSE
-0,052	0,309	-0,003	0,012	0,086	FALSE
-0,098	0,296	-0,003	0,012	0,098	FALSE
0,030	0,300	0,001	0,007	0,055	FALSE
0,049	0,302	0,001	0,007	0,083	FALSE
0,025	0,324	0,001	0,011	0,038	FALSE
-0,015	0,303	0,000	0,007	0,014	FALSE
-0,033	0,312	-0,001	0,008	0,024	FALSE
0,007	0,308	0,000	0,013	0,003	FALSE
-0,108	0,302	-0,004	0,012	0,132	FALSE
0,095	0,296	0,003	0,008	0,143	FALSE
0,117	0,313	0,004	0,012	0,144	FALSE
0,010	0,301	0,000	0,009	0,016	FALSE
-0,122	0,315	-0,005	0,010	0,180	FALSE
-0,176	0,294	-0,006	0,010	0,284	FALSE
-0,105	0,310	-0,004	0,010	0,167	FALSE
0,076	0,295	0,004	0,012	0,134	FALSE
0,017	0,301	0,001	0,011	0,049	FALSE
0,060	0,304	0,003	0,012	0,090	FALSE
0,042	0,305	0,002	0,012	0,069	FALSE

0,102	0,292	0,005	0,012	0,166	FALSE
0,117	0,307	0,003	0,007	0,189	FALSE
0,001	0,303	0,000	0,007	0,011	FALSE
0,059	0,307	0,001	0,007	0,078	FALSE
0,082	0,294	0,005	0,012	0,154	FALSE
-0,078	0,300	-0,003	0,011	0,110	FALSE
-0,003	0,304	0,000	0,009	0,001	FALSE
0,029	0,299	0,001	0,010	0,052	FALSE
0,032	0,296	0,000	0,012	0,001	FALSE
0,119	0,313	0,003	0,009	0,137	FALSE
0,035	0,295	0,001	0,011	0,020	FALSE
-0,039	0,314	0,000	0,008	0,019	FALSE
-0,049	0,301	-0,001	0,007	0,035	FALSE
0,022	0,306	0,001	0,007	0,033	FALSE
0,083	0,311	0,003	0,012	0,100	FALSE
0,072	0,309	0,002	0,010	0,088	FALSE
-0,157	0,311	-0,004	0,008	0,200	FALSE
0,059	0,304	0,001	0,006	0,086	FALSE
-0,007	0,309	0,000	0,013	0,010	FALSE
-0,003	0,302	-0,001	0,006	0,032	FALSE
-0,018	0,297	-0,001	0,009	0,030	FALSE
0,101	0,293	0,003	0,008	0,167	FALSE
0,090	0,304	0,002	0,007	0,134	FALSE
-0,042	0,301	-0,001	0,011	0,042	FALSE
-0,115	0,294	-0,004	0,010	0,163	FALSE
-0,072	0,297	-0,003	0,010	0,118	FALSE
-0,109	0,293	-0,004	0,010	0,168	FALSE
-0,053	0,296	-0,002	0,011	0,068	FALSE
-0,044	0,318	-0,002	0,012	0,052	FALSE
-0,022	0,309	-0,001	0,012	0,030	FALSE
0,089	0,300	0,002	0,008	0,106	FALSE
-0,063	0,315	-0,002	0,008	0,091	FALSE
-0,058	0,301	-0,002	0,007	0,090	FALSE
-0,060	0,313	-0,001	0,009	0,056	FALSE
-0,007	0,290	0,000	0,013	0,009	FALSE
-0,017	0,319	-0,001	0,006	0,030	FALSE
0,049	0,320	0,001	0,007	0,046	FALSE
-0,127	0,314	-0,003	0,007	0,167	FALSE
0,095	0,295	0,005	0,013	0,152	FALSE
0,063	0,293	0,004	0,013	0,120	FALSE
0,049	0,294	0,004	0,012	0,115	FALSE
0,110	0,303	0,003	0,006	0,164	FALSE
0,017	0,299	0,001	0,010	0,028	FALSE
0,035	0,310	0,000	0,007	0,019	FALSE
0,060	0,305	0,003	0,009	0,128	FALSE
-0,060	0,305	-0,001	0,006	0,088	FALSE
0,134	0,308	0,004	0,009	0,157	FALSE
0,027	0,307	0,001	0,011	0,034	FALSE
-0,108	0,305	-0,005	0,013	0,160	FALSE
0,063	0,311	0,002	0,008	0,073	FALSE
0,045	0,290	0,001	0,006	0,030	FALSE
0,041	0,310	0,001	0,007	0,049	FALSE
-0,030	0,291	0,000	0,007	0,027	FALSE

0,036	0,317	0,001	0,010	0,028	FALSE
0,039	0,310	0,001	0,009	0,042	FALSE
-0,014	0,294	0,000	0,006	0,007	FALSE
0,035	0,312	0,000	0,013	0,008	FALSE
0,122	0,307	0,005	0,010	0,181	FALSE
-0,045	0,293	-0,001	0,012	0,039	FALSE
-0,069	0,317	-0,002	0,013	0,067	FALSE
0,012	0,300	0,000	0,007	0,002	FALSE
-0,019	0,311	-0,001	0,012	0,029	FALSE
0,105	0,305	0,003	0,009	0,115	FALSE
0,029	0,303	0,001	0,012	0,029	FALSE
0,007	0,305	0,001	0,006	0,030	FALSE
0,113	0,316	0,004	0,013	0,132	FALSE
0,217	0,303	0,009	0,012	0,338	FALSE
-0,110	0,305	-0,006	0,013	0,180	FALSE
0,174	0,310	0,007	0,012	0,251	FALSE
0,175	0,297	0,007	0,011	0,268	FALSE
-0,074	0,316	-0,003	0,013	0,071	FALSE
0,061	0,299	0,001	0,007	0,086	FALSE
0,142	0,307	0,006	0,012	0,205	FALSE
-0,005	0,299	0,000	0,007	0,008	FALSE
-0,026	0,305	-0,001	0,009	0,029	FALSE
-0,104	0,318	-0,004	0,012	0,141	FALSE
0,030	0,305	0,001	0,012	0,018	FALSE
0,004	0,324	0,000	0,008	0,021	FALSE
-0,122	0,304	-0,002	0,006	0,139	FALSE
0,080	0,308	0,002	0,007	0,118	FALSE
0,041	0,304	0,001	0,007	0,049	FALSE
0,026	0,296	0,001	0,010	0,040	FALSE
-0,082	0,300	-0,003	0,010	0,102	FALSE
0,129	0,326	0,002	0,007	0,137	FALSE
-0,090	0,305	-0,002	0,009	0,073	FALSE
-0,057	0,317	-0,003	0,013	0,096	FALSE
-0,077	0,314	-0,002	0,007	0,086	FALSE
0,000	0,297	0,000	0,007	0,019	FALSE
-0,016	0,305	-0,001	0,009	0,043	FALSE
-0,151	0,307	-0,007	0,012	0,244	FALSE
-0,074	0,304	-0,003	0,009	0,112	FALSE
-0,157	0,293	-0,005	0,009	0,224	FALSE
-0,048	0,318	-0,002	0,010	0,071	FALSE
0,007	0,307	0,000	0,013	0,002	FALSE
-0,137	0,303	-0,004	0,008	0,189	FALSE
0,088	0,314	0,003	0,012	0,094	FALSE
-0,082	0,300	-0,002	0,006	0,092	FALSE
0,104	0,303	0,003	0,009	0,146	FALSE
-0,029	0,311	0,000	0,011	0,006	FALSE
-0,029	0,317	-0,001	0,010	0,050	FALSE
-0,004	0,322	0,001	0,013	0,021	FALSE
0,046	0,297	0,001	0,006	0,064	FALSE
-0,069	0,313	-0,003	0,010	0,093	FALSE
-0,006	0,314	0,000	0,008	0,003	FALSE
0,080	0,302	0,002	0,009	0,107	FALSE
-0,049	0,309	-0,001	0,007	0,055	FALSE

-0,083	0,303	-0,003	0,013	0,097	FALSE
0,044	0,304	0,001	0,007	0,039	FALSE
0,052	0,324	0,001	0,009	0,049	FALSE
0,056	0,299	0,001	0,007	0,072	FALSE
0,057	0,302	0,002	0,010	0,059	FALSE
0,080	0,305	0,002	0,008	0,092	FALSE
0,026	0,308	0,000	0,013	0,013	FALSE
-0,106	0,306	-0,003	0,008	0,122	FALSE
-0,089	0,302	-0,003	0,011	0,106	FALSE
-0,019	0,296	-0,001	0,010	0,029	FALSE
0,054	0,310	0,002	0,010	0,070	FALSE
0,027	0,310	0,001	0,007	0,025	FALSE
-0,133	0,307	-0,005	0,012	0,176	FALSE
-0,007	0,296	0,000	0,006	0,004	FALSE
0,097	0,300	0,004	0,010	0,147	FALSE
0,034	0,319	0,001	0,013	0,031	FALSE
0,005	0,303	0,000	0,008	0,016	FALSE
0,072	0,301	0,003	0,013	0,089	FALSE
0,037	0,316	0,002	0,012	0,049	FALSE
-0,075	0,306	-0,002	0,007	0,084	FALSE
-0,024	0,301	-0,001	0,011	0,027	FALSE
-0,020	0,313	0,000	0,012	0,001	FALSE
0,106	0,299	0,003	0,012	0,112	FALSE
-0,145	0,303	-0,007	0,012	0,245	FALSE
-0,010	0,306	-0,001	0,006	0,034	FALSE
-0,032	0,305	0,000	0,007	0,023	FALSE
-0,054	0,304	-0,003	0,012	0,093	FALSE
-0,101	0,307	-0,003	0,008	0,146	FALSE
0,100	0,310	0,003	0,011	0,111	FALSE
-0,006	0,309	-0,001	0,009	0,020	FALSE
-0,013	0,306	-0,001	0,009	0,038	FALSE
0,017	0,309	0,001	0,007	0,044	FALSE
0,019	0,302	0,001	0,012	0,019	FALSE
-0,017	0,304	-0,001	0,012	0,028	FALSE
-0,092	0,301	-0,002	0,007	0,133	FALSE
-0,128	0,298	-0,003	0,007	0,182	FALSE
-0,048	0,311	-0,001	0,007	0,035	FALSE
0,005	0,297	0,000	0,008	0,006	FALSE
-0,040	0,316	-0,001	0,011	0,046	FALSE
0,086	0,305	0,002	0,008	0,092	FALSE
0,048	0,306	0,001	0,007	0,065	FALSE
0,040	0,306	0,002	0,013	0,048	FALSE
-0,029	0,315	-0,001	0,010	0,032	FALSE
0,042	0,314	0,001	0,010	0,048	FALSE
0,044	0,304	0,001	0,009	0,058	FALSE
-0,137	0,309	-0,005	0,012	0,191	FALSE
0,064	0,307	0,001	0,009	0,051	FALSE
0,019	0,307	0,000	0,007	0,024	FALSE
0,009	0,316	0,001	0,008	0,023	FALSE
-0,099	0,310	-0,003	0,007	0,153	FALSE
-0,043	0,293	-0,001	0,007	0,068	FALSE
-0,055	0,316	-0,002	0,007	0,090	FALSE
0,011	0,306	0,002	0,012	0,047	FALSE

-0,127	0,301	-0,003	0,008	0,166	FALSE
0,142	0,312	0,003	0,007	0,177	FALSE
0,074	0,298	0,003	0,007	0,154	FALSE
0,070	0,316	0,002	0,009	0,066	FALSE
0,036	0,307	0,001	0,009	0,055	FALSE
0,027	0,304	0,001	0,008	0,035	FALSE
0,087	0,313	0,002	0,007	0,114	FALSE
-0,031	0,320	-0,001	0,007	0,031	FALSE
-0,083	0,309	-0,002	0,007	0,091	FALSE
0,150	0,302	0,005	0,012	0,171	FALSE
-0,072	0,303	-0,001	0,008	0,073	FALSE
-0,045	0,317	-0,002	0,013	0,043	FALSE
-0,040	0,305	-0,001	0,007	0,027	FALSE
0,014	0,303	0,000	0,011	0,007	FALSE
-0,029	0,312	0,000	0,007	0,012	FALSE
-0,150	0,298	-0,004	0,008	0,211	FALSE
-0,012	0,294	0,000	0,013	0,010	FALSE
0,171	0,305	0,005	0,008	0,245	FALSE
0,032	0,303	0,001	0,008	0,037	FALSE
0,020	0,305	0,001	0,008	0,038	FALSE
0,028	0,313	0,001	0,008	0,045	FALSE
-0,070	0,303	-0,003	0,011	0,096	FALSE
0,084	0,314	0,003	0,008	0,123	FALSE
0,035	0,312	0,002	0,013	0,057	FALSE
-0,002	0,315	0,000	0,007	0,003	FALSE
-0,015	0,312	0,000	0,007	0,015	FALSE
-0,024	0,314	-0,001	0,011	0,032	FALSE
-0,038	0,305	-0,002	0,011	0,064	FALSE
0,043	0,314	0,001	0,007	0,058	FALSE
0,080	0,310	0,002	0,008	0,124	FALSE
-0,029	0,320	-0,001	0,008	0,022	FALSE
0,005	0,311	0,000	0,010	0,011	FALSE
0,014	0,294	0,000	0,006	0,012	FALSE
0,134	0,290	0,004	0,011	0,140	FALSE
-0,030	0,324	-0,001	0,009	0,033	FALSE
0,089	0,290	0,002	0,008	0,087	FALSE
0,014	0,306	0,000	0,007	0,005	FALSE
-0,051	0,299	-0,003	0,012	0,085	FALSE
-0,052	0,305	-0,002	0,011	0,071	FALSE
-0,158	0,293	-0,007	0,012	0,258	FALSE
0,025	0,308	0,001	0,009	0,061	FALSE
-0,048	0,312	-0,001	0,007	0,053	FALSE
0,043	0,295	0,002	0,010	0,068	FALSE
-0,041	0,302	-0,002	0,010	0,077	FALSE
-0,033	0,298	-0,001	0,009	0,052	FALSE
-0,008	0,310	0,000	0,009	0,015	FALSE
0,000	0,313	0,000	0,010	0,004	FALSE
0,002	0,300	0,000	0,010	0,008	FALSE
-0,007	0,293	-0,001	0,010	0,039	FALSE
-0,076	0,297	-0,002	0,006	0,113	FALSE
0,056	0,314	0,002	0,012	0,067	FALSE
-0,001	0,314	0,000	0,007	0,006	FALSE
0,036	0,296	0,001	0,008	0,065	FALSE

-0,013	0,303	-0,001	0,012	0,040	FALSE
-0,021	0,295	-0,002	0,012	0,047	FALSE
-0,038	0,299	-0,002	0,011	0,076	FALSE
-0,087	0,313	-0,004	0,013	0,113	FALSE
-0,030	0,319	-0,001	0,012	0,040	FALSE
0,004	0,314	0,000	0,008	0,016	FALSE
-0,016	0,320	0,000	0,008	0,005	FALSE
0,019	0,300	0,001	0,008	0,025	FALSE
0,082	0,301	0,003	0,010	0,115	FALSE
-0,020	0,301	0,000	0,009	0,006	FALSE
0,045	0,319	0,002	0,011	0,074	FALSE
-0,196	0,309	-0,007	0,011	0,254	FALSE
-0,119	0,308	-0,005	0,011	0,167	FALSE
0,139	0,306	0,004	0,009	0,166	FALSE
0,091	0,323	0,004	0,014	0,122	FALSE
-0,123	0,310	-0,003	0,009	0,125	FALSE
-0,105	0,307	-0,002	0,009	0,112	FALSE
-0,096	0,315	-0,003	0,012	0,085	FALSE
-0,010	0,294	0,000	0,006	0,009	FALSE
-0,010	0,311	0,000	0,010	0,015	FALSE
-0,038	0,301	-0,001	0,013	0,043	FALSE
-0,082	0,291	-0,003	0,011	0,114	FALSE
-0,015	0,309	-0,001	0,011	0,020	FALSE
-0,066	0,307	-0,003	0,012	0,091	FALSE
-0,007	0,302	0,000	0,007	0,011	FALSE
0,032	0,321	0,001	0,009	0,034	FALSE
-0,130	0,298	-0,002	0,007	0,145	FALSE
0,048	0,303	0,003	0,011	0,099	FALSE
-0,017	0,304	-0,001	0,008	0,030	FALSE
0,019	0,313	0,001	0,007	0,040	FALSE
-0,003	0,304	0,000	0,009	0,001	FALSE
0,006	0,313	0,000	0,007	0,013	FALSE
-0,016	0,300	-0,001	0,011	0,033	FALSE
-0,044	0,307	-0,001	0,007	0,053	FALSE
-0,014	0,312	0,000	0,007	0,020	FALSE
0,031	0,320	0,001	0,011	0,037	FALSE
0,079	0,309	0,003	0,013	0,105	FALSE
0,010	0,310	0,001	0,008	0,027	FALSE
-0,014	0,308	-0,001	0,013	0,020	FALSE
0,028	0,300	0,001	0,008	0,052	FALSE
-0,010	0,308	-0,002	0,013	0,045	FALSE
-0,042	0,303	0,000	0,011	0,016	FALSE
-0,013	0,312	0,000	0,009	0,005	FALSE
-0,140	0,296	-0,003	0,007	0,194	FALSE
0,013	0,313	0,000	0,009	0,005	FALSE
-0,083	0,309	-0,002	0,009	0,080	FALSE
-0,023	0,299	0,000	0,009	0,006	FALSE
-0,025	0,303	0,000	0,009	0,009	FALSE
-0,020	0,300	0,000	0,009	0,003	FALSE
-0,040	0,289	-0,001	0,009	0,033	FALSE
0,077	0,294	0,002	0,008	0,090	FALSE
-0,174	0,310	-0,004	0,007	0,256	FALSE
-0,042	0,297	-0,001	0,007	0,038	FALSE

-0,087	0,304	-0,002	0,008	0,074	FALSE
0,006	0,302	0,000	0,009	0,019	FALSE
-0,070	0,311	-0,003	0,012	0,089	FALSE
0,163	0,304	0,004	0,006	0,254	FALSE
-0,057	0,309	-0,001	0,006	0,035	FALSE
-0,017	0,306	-0,001	0,012	0,018	FALSE
-0,038	0,307	-0,002	0,011	0,083	FALSE
-0,086	0,312	-0,003	0,008	0,124	FALSE
-0,121	0,295	-0,004	0,009	0,172	FALSE
0,056	0,309	0,003	0,012	0,076	FALSE
-0,082	0,313	-0,003	0,011	0,100	FALSE
0,029	0,299	0,002	0,012	0,053	FALSE
-0,198	0,298	-0,009	0,013	0,313	FALSE
-0,041	0,301	0,000	0,012	0,013	FALSE
-0,043	0,305	-0,001	0,012	0,027	FALSE
-0,027	0,304	0,000	0,009	0,008	FALSE
0,010	0,313	0,000	0,007	0,024	FALSE
0,023	0,309	0,001	0,010	0,038	FALSE
-0,042	0,319	-0,002	0,013	0,060	FALSE
-0,045	0,292	-0,002	0,009	0,082	FALSE
0,010	0,308	0,000	0,010	0,015	FALSE
0,040	0,300	0,001	0,013	0,039	FALSE
-0,039	0,308	-0,001	0,009	0,048	FALSE
0,012	0,312	0,001	0,013	0,018	FALSE
0,024	0,311	0,002	0,013	0,049	FALSE
-0,126	0,319	-0,004	0,009	0,164	FALSE
-0,048	0,311	-0,001	0,007	0,063	FALSE
-0,123	0,301	-0,003	0,007	0,161	FALSE
-0,081	0,307	-0,003	0,012	0,096	FALSE
-0,121	0,297	-0,004	0,011	0,167	FALSE
-0,032	0,311	-0,002	0,012	0,060	FALSE
0,191	0,304	0,005	0,008	0,279	FALSE
0,022	0,312	0,000	0,010	0,016	FALSE
0,038	0,317	0,001	0,012	0,032	FALSE
0,050	0,306	0,002	0,012	0,065	FALSE
-0,041	0,288	-0,001	0,006	0,059	FALSE
-0,121	0,306	-0,004	0,011	0,146	FALSE
0,102	0,312	0,003	0,008	0,163	FALSE
0,113	0,317	0,004	0,012	0,149	FALSE
-0,061	0,308	-0,003	0,010	0,121	FALSE
0,119	0,308	0,004	0,012	0,136	FALSE
-0,035	0,307	0,000	0,010	0,011	FALSE
-0,118	0,318	-0,005	0,012	0,191	FALSE
0,038	0,311	0,003	0,012	0,079	FALSE
0,078	0,288	0,003	0,012	0,083	FALSE
0,172	0,290	0,004	0,007	0,257	FALSE
0,099	0,302	0,004	0,012	0,127	FALSE
-0,161	0,293	-0,004	0,009	0,183	FALSE
0,033	0,290	0,001	0,006	0,073	FALSE
-0,131	0,314	-0,005	0,012	0,190	FALSE
-0,177	0,315	-0,004	0,007	0,248	FALSE
-0,049	0,306	-0,001	0,007	0,040	FALSE
-0,005	0,298	0,000	0,011	0,014	FALSE

0,049	0,305	0,001	0,007	0,074	FALSE
0,095	0,304	0,002	0,007	0,118	FALSE
0,063	0,310	0,002	0,010	0,085	FALSE
-0,155	0,310	-0,004	0,008	0,230	FALSE
-0,097	0,306	-0,003	0,008	0,127	FALSE
0,082	0,312	0,002	0,010	0,082	FALSE
0,031	0,290	0,000	0,013	0,002	FALSE
0,023	0,278	0,000	0,012	0,001	FALSE
0,021	0,278	-0,001	0,012	0,022	FALSE
0,025	0,281	0,000	0,013	0,005	FALSE
-0,041	0,296	-0,002	0,012	0,072	FALSE
0,029	0,309	0,001	0,010	0,037	FALSE
-0,099	0,294	-0,002	0,008	0,116	FALSE
0,019	0,325	0,000	0,007	0,020	FALSE
0,129	0,289	0,005	0,010	0,210	FALSE
-0,031	0,305	-0,001	0,008	0,024	FALSE
0,145	0,292	0,003	0,007	0,191	FALSE
-0,027	0,320	0,000	0,007	0,015	FALSE
0,101	0,311	0,003	0,008	0,143	FALSE
0,083	0,309	0,002	0,010	0,089	FALSE
0,074	0,303	0,002	0,010	0,088	FALSE
-0,080	0,303	-0,003	0,011	0,124	FALSE
0,051	0,304	0,002	0,006	0,111	FALSE
0,000	0,314	0,000	0,011	0,001	FALSE
0,051	0,320	0,002	0,013	0,050	FALSE
0,080	0,294	0,002	0,012	0,074	FALSE
-0,001	0,306	0,001	0,007	0,033	FALSE
0,123	0,313	0,004	0,013	0,127	FALSE
0,022	0,306	0,001	0,007	0,043	FALSE
0,029	0,311	0,002	0,012	0,052	FALSE
-0,143	0,312	-0,005	0,012	0,178	FALSE
0,158	0,302	0,005	0,010	0,192	FALSE
-0,136	0,316	-0,004	0,009	0,191	FALSE
-0,014	0,309	-0,001	0,009	0,023	FALSE
0,020	0,292	0,000	0,009	0,008	FALSE
0,063	0,306	0,002	0,008	0,074	FALSE
0,122	0,310	0,003	0,008	0,179	FALSE
0,139	0,303	0,004	0,008	0,190	FALSE
0,123	0,301	0,003	0,007	0,171	FALSE
0,021	0,299	0,001	0,009	0,024	FALSE
0,138	0,320	0,003	0,007	0,186	FALSE
-0,001	0,315	0,000	0,013	0,006	FALSE
-0,012	0,321	0,000	0,013	0,006	FALSE
0,016	0,315	0,000	0,013	0,007	FALSE
-0,018	0,315	0,000	0,012	0,004	FALSE
0,068	0,305	0,001	0,007	0,068	FALSE
-0,002	0,313	0,000	0,012	0,002	FALSE
-0,054	0,305	-0,002	0,011	0,073	FALSE
-0,034	0,304	-0,001	0,010	0,049	FALSE
0,111	0,297	0,002	0,007	0,126	FALSE
-0,156	0,304	-0,004	0,008	0,227	FALSE
-0,021	0,311	-0,001	0,013	0,031	FALSE
-0,088	0,307	-0,005	0,013	0,156	FALSE

0,027	0,312	0,001	0,007	0,063	FALSE
-0,057	0,290	-0,002	0,011	0,085	FALSE
0,084	0,296	0,002	0,011	0,077	FALSE
0,073	0,299	0,002	0,011	0,070	FALSE
0,084	0,301	0,002	0,011	0,073	FALSE
0,135	0,301	0,005	0,011	0,189	FALSE
0,054	0,308	0,002	0,008	0,092	FALSE
0,067	0,310	0,002	0,007	0,095	FALSE
0,013	0,307	0,001	0,012	0,018	FALSE
0,080	0,300	0,003	0,012	0,099	FALSE
-0,003	0,321	0,001	0,007	0,031	FALSE
0,064	0,302	0,002	0,010	0,084	FALSE
0,054	0,298	0,002	0,010	0,066	FALSE
0,052	0,304	0,003	0,013	0,083	FALSE
0,003	0,310	0,000	0,007	0,020	FALSE
0,067	0,321	0,002	0,009	0,084	FALSE
-0,036	0,298	0,000	0,007	0,022	FALSE
-0,075	0,316	-0,003	0,013	0,093	FALSE
0,026	0,307	0,000	0,013	0,004	FALSE
0,011	0,296	0,000	0,009	0,004	FALSE
-0,009	0,306	0,000	0,009	0,016	FALSE
-0,053	0,307	-0,001	0,010	0,052	FALSE
0,007	0,311	0,000	0,012	0,001	FALSE
0,026	0,299	0,002	0,012	0,051	FALSE
-0,020	0,306	-0,002	0,011	0,055	FALSE
0,142	0,303	0,003	0,007	0,191	FALSE
0,230	0,290	0,008	0,009	0,374	FALSE
0,066	0,314	0,002	0,008	0,092	FALSE
-0,023	0,314	0,000	0,008	0,016	FALSE
0,093	0,305	0,003	0,011	0,118	FALSE
0,132	0,288	0,006	0,012	0,197	FALSE
0,152	0,288	0,006	0,011	0,229	FALSE
0,194	0,315	0,007	0,013	0,252	FALSE
0,183	0,294	0,005	0,009	0,254	FALSE
0,007	0,312	0,001	0,010	0,021	FALSE
-0,066	0,316	-0,002	0,010	0,093	FALSE
-0,056	0,296	-0,001	0,007	0,073	FALSE
-0,087	0,304	-0,003	0,008	0,143	FALSE
0,189	0,304	0,005	0,009	0,269	FALSE
0,043	0,311	0,002	0,013	0,055	FALSE
0,023	0,303	0,001	0,007	0,028	FALSE
-0,029	0,300	-0,001	0,008	0,032	FALSE
-0,012	0,322	-0,001	0,011	0,025	FALSE
-0,074	0,301	-0,002	0,010	0,063	FALSE
-0,164	0,297	-0,007	0,012	0,233	FALSE
-0,171	0,295	-0,007	0,013	0,226	FALSE
0,140	0,300	0,004	0,010	0,170	FALSE
-0,004	0,305	0,000	0,008	0,001	FALSE
-0,097	0,308	-0,004	0,012	0,130	FALSE
0,032	0,318	0,002	0,012	0,046	FALSE
-0,134	0,307	-0,003	0,007	0,203	FALSE
0,056	0,323	0,001	0,010	0,057	FALSE
0,034	0,306	0,001	0,009	0,029	FALSE

-0,180	0,288	-0,006	0,009	0,304	FALSE
-0,090	0,307	-0,003	0,010	0,131	FALSE
-0,225	0,297	-0,010	0,012	0,375	FALSE
0,125	0,303	0,003	0,008	0,149	FALSE
0,072	0,298	0,002	0,007	0,096	FALSE
0,018	0,308	0,001	0,011	0,035	FALSE
0,021	0,311	0,000	0,008	0,013	FALSE
-0,109	0,311	-0,003	0,008	0,168	FALSE
0,088	0,304	0,003	0,011	0,097	FALSE
0,031	0,310	0,001	0,010	0,037	FALSE
0,000	0,297	0,000	0,009	0,014	FALSE
-0,006	0,314	0,000	0,007	0,009	FALSE
-0,029	0,307	-0,001	0,007	0,043	FALSE
-0,057	0,310	-0,001	0,008	0,070	FALSE
0,050	0,311	0,002	0,013	0,067	FALSE
0,072	0,281	0,003	0,010	0,095	FALSE
0,096	0,300	0,003	0,011	0,117	FALSE
0,077	0,310	0,002	0,008	0,098	FALSE
0,057	0,313	0,001	0,008	0,059	FALSE
0,049	0,302	0,001	0,006	0,065	FALSE
-0,029	0,294	-0,001	0,007	0,032	FALSE
0,046	0,302	0,001	0,011	0,022	FALSE
0,102	0,301	0,002	0,007	0,124	FALSE
-0,006	0,301	0,000	0,008	0,004	FALSE
0,116	0,299	0,004	0,010	0,183	FALSE
-0,056	0,315	-0,001	0,008	0,053	FALSE
-0,131	0,301	-0,003	0,009	0,150	FALSE
0,078	0,312	0,002	0,010	0,092	FALSE
0,064	0,308	0,002	0,008	0,113	FALSE
0,064	0,303	0,002	0,011	0,070	FALSE
0,022	0,311	0,001	0,012	0,026	FALSE
0,011	0,317	0,000	0,012	0,004	FALSE
0,101	0,305	0,002	0,006	0,133	FALSE
-0,076	0,304	-0,002	0,009	0,100	FALSE
-0,126	0,312	-0,003	0,007	0,161	FALSE
-0,032	0,307	-0,001	0,008	0,036	FALSE
-0,127	0,305	-0,003	0,007	0,181	FALSE
-0,015	0,322	0,000	0,008	0,008	FALSE
-0,076	0,312	-0,002	0,008	0,086	FALSE
0,001	0,294	0,000	0,009	0,006	FALSE
-0,109	0,316	-0,002	0,007	0,136	FALSE
0,040	0,305	0,001	0,010	0,032	FALSE
-0,021	0,313	-0,001	0,013	0,017	FALSE
-0,058	0,314	-0,002	0,007	0,089	FALSE
-0,043	0,302	-0,001	0,009	0,051	FALSE
-0,030	0,313	-0,001	0,011	0,034	FALSE
-0,026	0,300	-0,002	0,012	0,054	FALSE
-0,055	0,297	-0,001	0,006	0,063	FALSE
0,022	0,314	0,001	0,011	0,025	FALSE
0,080	0,301	0,002	0,008	0,096	FALSE
0,006	0,299	0,001	0,009	0,023	FALSE
0,156	0,300	0,004	0,007	0,215	FALSE
-0,104	0,291	-0,003	0,008	0,151	FALSE

0,054	0,318	0,002	0,010	0,073	FALSE
-0,136	0,310	-0,006	0,012	0,204	FALSE
-0,021	0,297	0,000	0,012	0,007	FALSE
0,021	0,316	0,001	0,012	0,039	FALSE
-0,023	0,297	0,000	0,011	0,009	FALSE
0,035	0,313	0,001	0,009	0,046	FALSE
-0,182	0,305	-0,005	0,007	0,283	FALSE
0,050	0,306	0,002	0,011	0,064	FALSE
-0,030	0,318	-0,002	0,013	0,051	FALSE
-0,064	0,302	-0,002	0,008	0,104	FALSE
-0,026	0,297	-0,002	0,012	0,058	FALSE
-0,016	0,310	-0,002	0,013	0,048	FALSE
0,071	0,319	0,002	0,008	0,108	FALSE
0,033	0,303	0,002	0,011	0,078	FALSE
0,022	0,297	0,001	0,010	0,047	FALSE
0,019	0,308	0,000	0,008	0,011	FALSE
-0,012	0,315	0,000	0,011	0,010	FALSE
-0,065	0,317	-0,003	0,013	0,081	FALSE
0,016	0,304	0,001	0,011	0,033	FALSE
-0,034	0,305	-0,001	0,009	0,038	FALSE
0,070	0,308	0,004	0,012	0,120	FALSE
0,052	0,299	0,002	0,011	0,087	FALSE
0,040	0,305	0,002	0,013	0,070	FALSE
-0,060	0,297	-0,001	0,006	0,059	FALSE
-0,058	0,309	-0,002	0,008	0,077	FALSE
-0,099	0,308	-0,004	0,012	0,133	FALSE
-0,059	0,308	-0,002	0,007	0,090	FALSE
0,063	0,311	0,002	0,007	0,087	FALSE
0,055	0,299	0,003	0,010	0,105	FALSE
0,061	0,293	0,002	0,010	0,097	FALSE
0,059	0,303	0,003	0,010	0,098	FALSE
0,052	0,314	0,002	0,010	0,093	FALSE
0,018	0,287	0,001	0,009	0,022	FALSE
-0,005	0,300	0,000	0,009	0,006	FALSE
0,016	0,309	0,001	0,007	0,038	FALSE
-0,076	0,301	-0,003	0,012	0,086	FALSE
-0,016	0,295	0,000	0,008	0,006	FALSE
0,006	0,308	-0,001	0,013	0,042	FALSE
0,066	0,304	0,002	0,008	0,082	FALSE
0,109	0,307	0,004	0,010	0,161	FALSE
-0,045	0,301	-0,001	0,008	0,047	FALSE
-0,024	0,307	-0,001	0,009	0,043	FALSE
-0,003	0,300	0,000	0,008	0,010	FALSE
0,121	0,319	0,004	0,008	0,177	FALSE
0,111	0,305	0,003	0,008	0,172	FALSE
-0,023	0,329	-0,001	0,014	0,020	FALSE
0,094	0,303	0,003	0,010	0,126	FALSE
-0,056	0,307	-0,001	0,008	0,044	FALSE
-0,016	0,303	-0,001	0,007	0,038	FALSE
0,070	0,305	0,002	0,006	0,100	FALSE
-0,130	0,334	-0,003	0,007	0,165	FALSE
0,103	0,306	0,002	0,007	0,129	FALSE
-0,070	0,303	-0,004	0,012	0,117	FALSE

0,065	0,296	0,004	0,012	0,121	FALSE
0,030	0,290	0,001	0,011	0,027	FALSE
0,042	0,297	0,001	0,007	0,043	FALSE
0,035	0,302	0,001	0,007	0,077	FALSE
-0,036	0,310	-0,001	0,011	0,049	FALSE
0,003	0,313	0,000	0,009	0,010	FALSE
0,013	0,312	0,000	0,006	0,017	FALSE
0,021	0,299	0,001	0,008	0,029	FALSE
0,106	0,307	0,004	0,011	0,151	FALSE
-0,016	0,316	-0,001	0,011	0,016	FALSE
-0,132	0,320	-0,006	0,013	0,177	FALSE
0,092	0,307	0,003	0,011	0,117	FALSE
0,039	0,307	0,001	0,013	0,032	FALSE
0,120	0,303	0,005	0,013	0,154	FALSE
0,211	0,311	0,009	0,011	0,355	FALSE
0,154	0,305	0,006	0,011	0,244	FALSE
-0,050	0,315	-0,001	0,008	0,038	FALSE
0,064	0,305	0,003	0,011	0,101	FALSE
0,046	0,310	0,001	0,007	0,074	FALSE
-0,006	0,299	0,000	0,007	0,024	FALSE
-0,130	0,311	-0,005	0,013	0,176	FALSE
0,049	0,313	0,002	0,013	0,051	FALSE
0,071	0,314	0,003	0,013	0,086	FALSE
-0,028	0,309	-0,001	0,009	0,020	FALSE
-0,002	0,320	0,000	0,011	0,008	FALSE
0,088	0,304	0,002	0,008	0,114	FALSE
-0,019	0,303	0,000	0,012	0,001	FALSE
0,070	0,308	0,002	0,007	0,102	FALSE
-0,013	0,317	-0,001	0,013	0,028	FALSE
0,057	0,301	0,002	0,006	0,119	FALSE
0,016	0,308	0,001	0,008	0,025	FALSE
0,032	0,316	0,001	0,008	0,028	FALSE
0,076	0,302	0,002	0,011	0,069	FALSE
0,056	0,291	0,001	0,006	0,061	FALSE
0,041	0,305	0,001	0,007	0,050	FALSE
0,022	0,298	0,000	0,007	0,021	FALSE
0,136	0,308	0,004	0,010	0,177	FALSE
0,064	0,309	0,002	0,008	0,077	FALSE
0,005	0,297	0,000	0,009	0,015	FALSE
0,061	0,308	0,001	0,007	0,077	FALSE
0,109	0,307	0,005	0,013	0,156	FALSE
0,107	0,298	0,002	0,006	0,162	FALSE
-0,051	0,309	-0,002	0,013	0,067	FALSE
0,108	0,312	0,005	0,013	0,158	FALSE
0,025	0,312	0,001	0,007	0,030	FALSE
0,033	0,324	0,002	0,013	0,049	FALSE
-0,121	0,316	-0,005	0,012	0,157	FALSE
-0,050	0,307	-0,002	0,013	0,059	FALSE
-0,144	0,299	-0,004	0,009	0,175	FALSE
0,030	0,310	0,001	0,007	0,043	FALSE
-0,015	0,290	-0,001	0,008	0,054	FALSE
-0,104	0,297	-0,003	0,010	0,120	FALSE
-0,051	0,313	-0,001	0,007	0,071	FALSE

-0,011	0,315	0,000	0,007	0,022	FALSE
-0,067	0,310	-0,001	0,008	0,053	FALSE
0,017	0,312	0,000	0,009	0,002	FALSE
0,009	0,314	0,001	0,013	0,019	FALSE
0,034	0,302	0,001	0,010	0,053	FALSE
0,083	0,309	0,004	0,012	0,138	FALSE
0,006	0,312	0,001	0,009	0,020	FALSE
-0,046	0,309	-0,001	0,007	0,050	FALSE
0,015	0,306	0,000	0,008	0,021	FALSE
-0,004	0,312	0,000	0,013	0,013	FALSE
0,053	0,312	0,002	0,011	0,068	FALSE
-0,048	0,310	-0,001	0,008	0,053	FALSE
-0,060	0,318	-0,002	0,007	0,083	FALSE
0,021	0,304	0,001	0,008	0,030	FALSE
0,053	0,298	0,003	0,012	0,099	FALSE
-0,029	0,308	-0,001	0,011	0,024	FALSE
-0,014	0,304	-0,001	0,008	0,031	FALSE
-0,140	0,305	-0,004	0,009	0,175	FALSE
0,098	0,295	0,005	0,011	0,185	FALSE
0,014	0,292	0,000	0,007	0,009	FALSE
0,049	0,305	0,001	0,008	0,042	FALSE
-0,073	0,305	-0,001	0,007	0,060	FALSE
0,091	0,317	0,003	0,009	0,119	FALSE
0,019	0,316	0,001	0,009	0,039	FALSE
-0,049	0,313	-0,002	0,010	0,061	FALSE
-0,016	0,303	-0,001	0,012	0,040	FALSE
-0,027	0,304	-0,002	0,012	0,059	FALSE
0,000	0,289	0,001	0,012	0,028	FALSE
0,018	0,296	0,002	0,012	0,050	FALSE
0,029	0,308	0,001	0,012	0,021	FALSE
-0,060	0,305	-0,001	0,011	0,047	FALSE
-0,047	0,298	-0,001	0,010	0,037	FALSE
0,011	0,305	0,000	0,011	0,004	FALSE
0,024	0,313	0,001	0,011	0,021	FALSE
0,020	0,307	0,000	0,009	0,004	FALSE
0,142	0,300	0,005	0,013	0,156	FALSE
-0,027	0,303	-0,001	0,008	0,045	FALSE
-0,008	0,299	-0,001	0,012	0,032	FALSE
-0,151	0,311	-0,006	0,011	0,211	FALSE
0,017	0,293	0,001	0,006	0,042	FALSE
-0,068	0,301	-0,002	0,009	0,085	FALSE
0,039	0,300	0,001	0,010	0,046	FALSE
-0,029	0,292	-0,001	0,011	0,023	FALSE
0,009	0,308	0,000	0,006	0,000	FALSE
-0,003	0,303	0,000	0,007	0,014	FALSE
-0,030	0,298	0,000	0,008	0,012	FALSE
0,040	0,306	0,002	0,010	0,067	FALSE
0,032	0,298	0,001	0,009	0,026	FALSE
-0,087	0,307	-0,004	0,013	0,134	FALSE
-0,106	0,303	-0,004	0,010	0,157	FALSE
-0,117	0,294	-0,004	0,009	0,184	FALSE
-0,121	0,313	-0,005	0,013	0,164	FALSE
-0,069	0,309	-0,003	0,010	0,101	FALSE

0,127	0,308	0,004	0,011	0,164	FALSE
-0,157	0,307	-0,005	0,010	0,219	FALSE
0,075	0,314	0,003	0,013	0,086	FALSE
0,098	0,317	0,004	0,012	0,137	FALSE
0,051	0,295	0,002	0,006	0,098	FALSE
0,016	0,302	0,001	0,012	0,041	FALSE
0,084	0,316	0,003	0,010	0,103	FALSE
0,181	0,287	0,007	0,011	0,269	FALSE
0,207	0,300	0,008	0,012	0,318	FALSE
0,088	0,307	0,003	0,012	0,098	FALSE
0,103	0,311	0,003	0,013	0,094	FALSE
0,076	0,302	0,002	0,012	0,071	FALSE
0,079	0,333	0,002	0,011	0,080	FALSE
0,072	0,304	0,003	0,013	0,085	FALSE
0,007	0,321	0,000	0,009	0,005	FALSE
0,026	0,305	0,001	0,006	0,032	FALSE
0,008	0,294	0,000	0,012	0,013	FALSE
-0,054	0,314	-0,002	0,012	0,050	FALSE
0,052	0,293	0,001	0,007	0,060	FALSE
-0,021	0,317	-0,001	0,007	0,040	FALSE
0,009	0,321	0,000	0,010	0,010	FALSE
-0,070	0,323	-0,002	0,007	0,090	FALSE
-0,044	0,306	-0,001	0,007	0,056	FALSE
-0,004	0,302	-0,001	0,009	0,029	FALSE
-0,121	0,313	-0,004	0,010	0,156	FALSE
0,109	0,296	0,003	0,006	0,174	FALSE
0,047	0,313	0,002	0,009	0,064	FALSE
-0,071	0,315	-0,002	0,009	0,086	FALSE
0,069	0,287	0,002	0,008	0,120	FALSE
0,096	0,291	0,003	0,011	0,122	FALSE
0,141	0,302	0,004	0,009	0,187	FALSE
0,084	0,303	0,002	0,007	0,113	FALSE
0,013	0,300	0,000	0,012	0,005	FALSE
-0,031	0,318	-0,001	0,008	0,033	FALSE
0,006	0,329	0,000	0,008	0,014	FALSE
-0,008	0,313	0,000	0,012	0,004	FALSE
-0,009	0,306	-0,001	0,009	0,035	FALSE
0,037	0,307	0,001	0,008	0,031	FALSE
0,086	0,300	0,002	0,007	0,121	FALSE
0,080	0,314	0,002	0,008	0,106	FALSE
-0,037	0,305	0,000	0,007	0,014	FALSE
0,028	0,313	0,000	0,009	0,003	FALSE
0,024	0,304	0,001	0,006	0,058	FALSE
0,039	0,315	0,001	0,007	0,072	FALSE
0,058	0,306	0,002	0,006	0,097	FALSE
0,065	0,297	0,002	0,006	0,107	FALSE
0,048	0,310	0,001	0,006	0,087	FALSE
-0,033	0,299	-0,001	0,008	0,025	FALSE
0,036	0,311	0,001	0,009	0,030	FALSE
0,016	0,311	0,001	0,009	0,044	FALSE
-0,023	0,300	-0,001	0,009	0,021	FALSE
0,015	0,306	-0,001	0,009	0,019	FALSE
-0,003	0,313	0,000	0,010	0,003	FALSE

-0,028	0,312	-0,001	0,010	0,033	FALSE
-0,034	0,317	-0,002	0,011	0,050	FALSE
-0,025	0,309	-0,001	0,009	0,031	FALSE
-0,054	0,310	-0,001	0,008	0,057	FALSE
-0,001	0,292	-0,001	0,010	0,026	FALSE
-0,019	0,314	-0,001	0,013	0,037	FALSE
-0,103	0,302	-0,004	0,011	0,141	FALSE
-0,153	0,299	-0,003	0,007	0,206	FALSE
0,039	0,307	0,001	0,010	0,030	FALSE
0,070	0,295	0,002	0,010	0,063	FALSE
-0,071	0,318	-0,003	0,008	0,128	FALSE
-0,015	0,309	-0,001	0,008	0,033	FALSE
0,037	0,295	0,001	0,007	0,038	FALSE
0,015	0,310	0,001	0,009	0,032	FALSE
0,052	0,301	0,001	0,010	0,054	FALSE
0,084	0,309	0,001	0,007	0,071	FALSE
0,051	0,307	0,001	0,007	0,031	FALSE
0,004	0,314	0,000	0,007	0,016	FALSE
-0,176	0,294	-0,004	0,007	0,259	FALSE
0,115	0,311	0,003	0,009	0,141	FALSE
0,127	0,305	0,004	0,009	0,167	FALSE
-0,081	0,308	-0,002	0,007	0,122	FALSE
0,091	0,307	0,002	0,008	0,099	FALSE
0,075	0,308	0,003	0,011	0,115	FALSE
-0,037	0,288	-0,001	0,011	0,049	FALSE
-0,013	0,289	-0,001	0,011	0,019	FALSE
0,064	0,300	0,001	0,011	0,049	FALSE
0,144	0,287	0,003	0,006	0,177	FALSE
0,127	0,302	0,003	0,007	0,154	FALSE
0,139	0,309	0,003	0,007	0,181	FALSE
0,000	0,313	-0,001	0,012	0,017	FALSE
-0,052	0,301	-0,001	0,007	0,044	FALSE
0,004	0,300	0,001	0,012	0,014	FALSE
-0,096	0,308	-0,003	0,009	0,139	FALSE
0,019	0,313	0,000	0,007	0,023	FALSE
0,085	0,313	0,004	0,013	0,108	FALSE
-0,007	0,309	0,000	0,007	0,002	FALSE
0,051	0,309	0,001	0,008	0,055	FALSE
0,157	0,321	0,006	0,013	0,192	FALSE
-0,057	0,313	-0,002	0,013	0,062	FALSE
0,066	0,311	0,002	0,009	0,059	FALSE
0,046	0,312	0,001	0,008	0,053	FALSE
-0,198	0,300	-0,008	0,012	0,281	FALSE
-0,017	0,306	-0,001	0,009	0,022	FALSE
0,073	0,282	0,001	0,007	0,051	FALSE
0,076	0,327	0,002	0,010	0,088	FALSE
0,110	0,313	0,003	0,007	0,160	FALSE
0,076	0,303	0,003	0,009	0,120	FALSE
-0,030	0,319	-0,001	0,013	0,036	FALSE
0,014	0,313	0,001	0,009	0,054	FALSE
0,012	0,322	0,000	0,012	0,007	FALSE
0,079	0,312	0,002	0,009	0,085	FALSE
0,020	0,308	0,000	0,012	0,006	FALSE

0,132	0,306	0,003	0,006	0,196	FALSE
-0,001	0,297	0,001	0,012	0,015	FALSE
-0,159	0,299	-0,005	0,009	0,233	FALSE
0,026	0,316	0,001	0,011	0,043	FALSE
-0,028	0,325	-0,001	0,012	0,040	FALSE
0,089	0,318	0,002	0,007	0,109	FALSE
0,038	0,311	0,001	0,008	0,055	FALSE
0,137	0,297	0,003	0,007	0,198	FALSE
-0,073	0,313	-0,003	0,010	0,101	FALSE
0,005	0,300	0,001	0,009	0,038	FALSE
-0,011	0,308	0,000	0,009	0,019	FALSE
-0,041	0,288	-0,001	0,007	0,025	FALSE
0,006	0,301	0,001	0,009	0,037	FALSE
0,008	0,307	0,001	0,010	0,034	FALSE
0,003	0,307	0,000	0,007	0,008	FALSE
-0,051	0,308	-0,001	0,007	0,058	FALSE
0,083	0,309	0,002	0,006	0,127	FALSE
0,003	0,311	0,001	0,013	0,033	FALSE
-0,166	0,302	-0,004	0,007	0,235	FALSE
-0,054	0,320	-0,001	0,010	0,042	FALSE
0,052	0,305	0,001	0,009	0,056	FALSE
-0,040	0,310	-0,001	0,008	0,035	FALSE
0,076	0,304	0,002	0,009	0,085	FALSE
0,011	0,307	0,000	0,013	0,010	FALSE
-0,026	0,298	-0,001	0,008	0,034	FALSE
-0,037	0,314	-0,001	0,009	0,037	FALSE
-0,180	0,315	-0,007	0,012	0,253	FALSE
-0,186	0,300	-0,005	0,008	0,290	FALSE
0,081	0,314	0,002	0,008	0,086	FALSE
0,184	0,295	0,008	0,012	0,300	FALSE
0,051	0,303	0,001	0,013	0,026	FALSE
0,085	0,302	0,002	0,012	0,066	FALSE
0,004	0,296	0,000	0,007	0,011	FALSE
0,064	0,301	0,002	0,013	0,056	FALSE
-0,157	0,297	-0,006	0,012	0,209	FALSE
-0,069	0,306	-0,002	0,009	0,084	FALSE
-0,018	0,304	0,000	0,009	0,003	FALSE
-0,130	0,304	-0,003	0,008	0,165	FALSE
-0,159	0,295	-0,004	0,008	0,229	FALSE
-0,026	0,313	-0,001	0,012	0,031	FALSE
0,106	0,299	0,003	0,009	0,154	FALSE
0,127	0,308	0,004	0,009	0,179	FALSE
0,120	0,306	0,003	0,008	0,166	FALSE
0,083	0,311	0,004	0,013	0,105	FALSE
0,057	0,322	0,002	0,010	0,059	FALSE
-0,001	0,303	0,000	0,012	0,000	FALSE
-0,041	0,309	-0,001	0,008	0,050	FALSE
0,130	0,296	0,003	0,007	0,154	FALSE
0,020	0,310	0,001	0,012	0,024	FALSE
-0,030	0,307	0,000	0,012	0,012	FALSE
0,051	0,308	0,001	0,008	0,067	FALSE
0,026	0,315	0,001	0,010	0,041	FALSE
0,033	0,315	0,001	0,010	0,050	FALSE

0,097	0,313	0,003	0,011	0,113	FALSE
0,093	0,302	0,003	0,010	0,099	FALSE
0,007	0,305	0,001	0,013	0,040	FALSE
0,016	0,307	0,001	0,006	0,040	FALSE
-0,105	0,295	-0,003	0,007	0,162	FALSE
-0,119	0,298	-0,003	0,007	0,167	FALSE
0,095	0,304	0,004	0,011	0,135	FALSE
0,036	0,317	0,002	0,013	0,043	FALSE
0,036	0,308	0,002	0,008	0,092	FALSE
-0,083	0,315	-0,004	0,013	0,115	FALSE
0,119	0,300	0,003	0,007	0,183	FALSE
0,073	0,303	0,002	0,008	0,104	FALSE
0,106	0,313	0,003	0,007	0,158	FALSE
-0,031	0,301	-0,001	0,012	0,040	FALSE
0,097	0,302	0,002	0,006	0,125	FALSE
0,082	0,319	0,003	0,008	0,119	FALSE
-0,003	0,309	0,000	0,009	0,003	FALSE
0,013	0,300	0,001	0,009	0,031	FALSE
-0,011	0,306	-0,001	0,007	0,027	FALSE
0,032	0,296	0,000	0,009	0,005	FALSE
-0,095	0,306	-0,003	0,009	0,113	FALSE
-0,106	0,309	-0,003	0,009	0,139	FALSE
-0,008	0,311	0,000	0,009	0,007	FALSE
0,152	0,308	0,003	0,007	0,205	FALSE
-0,032	0,305	-0,001	0,007	0,041	FALSE
-0,013	0,309	0,000	0,007	0,000	FALSE
0,036	0,297	0,001	0,008	0,026	FALSE
-0,002	0,318	0,000	0,009	0,008	FALSE
-0,117	0,309	-0,004	0,012	0,155	FALSE
-0,009	0,309	0,000	0,006	0,006	FALSE
-0,092	0,316	-0,002	0,008	0,110	FALSE
0,043	0,300	0,000	0,006	0,028	FALSE
-0,113	0,301	-0,004	0,010	0,146	FALSE
-0,201	0,294	-0,006	0,009	0,294	FALSE
-0,139	0,314	-0,004	0,010	0,196	FALSE
0,014	0,305	0,001	0,007	0,031	FALSE
0,074	0,302	0,002	0,009	0,084	FALSE
-0,079	0,308	-0,004	0,012	0,134	FALSE
0,026	0,305	0,001	0,007	0,046	FALSE
0,031	0,328	0,001	0,010	0,034	FALSE
-0,086	0,296	-0,002	0,009	0,104	FALSE
-0,079	0,298	-0,004	0,011	0,130	FALSE
-0,021	0,282	-0,002	0,012	0,045	FALSE
-0,111	0,292	-0,003	0,008	0,189	FALSE
-0,052	0,291	-0,001	0,008	0,068	FALSE
-0,094	0,306	-0,003	0,011	0,118	FALSE
0,115	0,309	0,004	0,009	0,160	FALSE
0,046	0,313	0,002	0,013	0,050	FALSE
-0,075	0,306	-0,002	0,011	0,058	FALSE
-0,076	0,304	-0,003	0,012	0,111	FALSE
-0,109	0,308	-0,005	0,012	0,165	FALSE
0,091	0,310	0,003	0,009	0,115	FALSE
0,067	0,316	0,003	0,012	0,081	FALSE

-0,049	0,311	-0,003	0,010	0,105	FALSE
0,152	0,296	0,007	0,012	0,236	FALSE
-0,233	0,294	-0,006	0,007	0,363	FALSE
-0,095	0,307	-0,003	0,007	0,152	FALSE
-0,089	0,304	-0,003	0,009	0,144	FALSE
0,019	0,306	0,000	0,013	0,003	FALSE
0,010	0,296	0,000	0,012	0,001	FALSE
-0,005	0,308	-0,001	0,013	0,018	FALSE
-0,067	0,302	-0,002	0,006	0,096	FALSE
-0,033	0,303	-0,001	0,006	0,051	FALSE
0,124	0,292	0,004	0,011	0,140	FALSE
0,126	0,309	0,004	0,011	0,135	FALSE
0,117	0,307	0,004	0,009	0,168	FALSE
0,083	0,311	0,003	0,009	0,122	FALSE
0,063	0,308	0,002	0,009	0,089	FALSE
0,138	0,303	0,003	0,007	0,156	FALSE
-0,111	0,293	-0,003	0,007	0,163	FALSE
-0,111	0,301	-0,003	0,009	0,154	FALSE
-0,085	0,303	-0,002	0,007	0,137	FALSE
-0,083	0,304	-0,002	0,007	0,110	FALSE
-0,035	0,310	-0,001	0,013	0,024	FALSE
-0,096	0,309	-0,004	0,013	0,123	FALSE
0,051	0,314	0,002	0,011	0,066	FALSE
0,070	0,311	0,002	0,007	0,095	FALSE
-0,008	0,296	0,000	0,007	0,020	FALSE
0,073	0,305	0,002	0,007	0,102	FALSE
0,012	0,301	0,000	0,007	0,007	FALSE
0,087	0,303	0,002	0,008	0,100	FALSE
-0,106	0,296	-0,003	0,008	0,155	FALSE
0,065	0,286	0,002	0,013	0,071	FALSE
-0,098	0,313	-0,002	0,007	0,127	FALSE
-0,047	0,302	0,000	0,007	0,018	FALSE
0,089	0,294	0,003	0,009	0,140	FALSE
0,007	0,323	0,000	0,009	0,012	FALSE
0,009	0,304	0,000	0,006	0,013	FALSE
0,001	0,306	0,000	0,010	0,001	FALSE
0,009	0,318	0,001	0,011	0,032	FALSE
-0,029	0,314	-0,001	0,010	0,028	FALSE
-0,033	0,308	0,000	0,012	0,014	FALSE
0,056	0,314	0,002	0,012	0,050	FALSE
-0,028	0,292	0,000	0,006	0,024	FALSE
-0,039	0,303	-0,002	0,011	0,073	FALSE
-0,045	0,299	-0,001	0,008	0,039	FALSE
-0,147	0,315	-0,004	0,009	0,213	FALSE
-0,073	0,302	-0,002	0,008	0,101	FALSE
0,131	0,310	0,003	0,007	0,169	FALSE
0,111	0,311	0,003	0,008	0,171	FALSE
0,087	0,295	0,004	0,011	0,146	FALSE
0,080	0,304	0,003	0,010	0,137	FALSE
0,101	0,314	0,003	0,007	0,137	FALSE
0,112	0,309	0,003	0,008	0,130	FALSE
0,108	0,293	0,002	0,007	0,121	FALSE
0,105	0,304	0,002	0,007	0,132	FALSE

-0,023	0,307	0,000	0,007	0,010	FALSE
0,022	0,321	0,000	0,013	0,010	FALSE
0,042	0,309	0,001	0,010	0,047	FALSE
0,014	0,302	0,000	0,006	0,001	FALSE
-0,044	0,310	-0,002	0,013	0,070	FALSE
-0,009	0,309	0,000	0,009	0,015	FALSE
0,106	0,307	0,002	0,006	0,117	FALSE
-0,019	0,290	0,000	0,012	0,010	FALSE
0,111	0,317	0,002	0,007	0,138	FALSE
-0,005	0,298	0,001	0,008	0,028	FALSE
0,036	0,313	0,002	0,008	0,072	FALSE
0,047	0,305	0,002	0,009	0,076	FALSE
0,069	0,309	0,001	0,008	0,043	FALSE
0,030	0,305	0,001	0,009	0,043	FALSE
0,041	0,312	0,001	0,010	0,028	FALSE
-0,065	0,304	-0,002	0,007	0,100	FALSE
0,057	0,304	0,001	0,007	0,077	FALSE
-0,095	0,305	-0,003	0,009	0,118	FALSE
0,081	0,294	0,003	0,012	0,104	FALSE
0,010	0,309	0,000	0,006	0,001	FALSE
-0,182	0,296	-0,005	0,007	0,294	FALSE
0,069	0,313	0,002	0,009	0,102	FALSE
-0,025	0,315	-0,001	0,009	0,058	FALSE
0,074	0,306	0,002	0,009	0,094	FALSE
0,122	0,301	0,004	0,008	0,197	FALSE
-0,034	0,292	-0,001	0,012	0,038	FALSE
0,091	0,293	0,003	0,007	0,162	FALSE
-0,029	0,310	-0,001	0,013	0,030	FALSE
-0,059	0,317	-0,002	0,013	0,069	FALSE
-0,032	0,319	-0,002	0,013	0,049	FALSE
-0,082	0,315	-0,003	0,010	0,115	FALSE
-0,044	0,310	-0,001	0,010	0,051	FALSE
0,020	0,308	0,001	0,010	0,038	FALSE
-0,033	0,310	-0,001	0,009	0,054	FALSE
0,091	0,313	0,002	0,008	0,098	FALSE
-0,069	0,315	-0,004	0,013	0,108	FALSE
0,085	0,307	0,002	0,008	0,093	FALSE
-0,071	0,304	-0,002	0,007	0,127	FALSE
0,079	0,292	0,002	0,009	0,079	FALSE
-0,059	0,306	-0,002	0,007	0,106	FALSE
0,087	0,310	0,002	0,008	0,091	FALSE
-0,008	0,321	0,000	0,012	0,009	FALSE
0,109	0,295	0,004	0,011	0,138	FALSE
0,004	0,310	0,000	0,008	0,012	FALSE
0,169	0,298	0,007	0,012	0,236	FALSE
0,078	0,313	0,003	0,011	0,091	FALSE
0,171	0,311	0,007	0,012	0,230	FALSE
0,055	0,298	0,001	0,007	0,056	FALSE
-0,137	0,296	-0,005	0,011	0,178	FALSE
-0,093	0,308	-0,004	0,010	0,134	FALSE
0,041	0,302	0,001	0,009	0,023	FALSE
0,000	0,300	0,001	0,009	0,027	FALSE
0,029	0,308	0,002	0,010	0,062	FALSE

0,066	0,324	0,003	0,012	0,083	FALSE
-0,070	0,315	-0,003	0,012	0,103	FALSE
-0,012	0,308	-0,001	0,011	0,024	FALSE
-0,086	0,301	-0,002	0,008	0,100	FALSE
0,118	0,303	0,004	0,011	0,152	FALSE
0,116	0,287	0,005	0,012	0,171	FALSE
0,039	0,312	0,002	0,012	0,055	FALSE
-0,112	0,308	-0,003	0,008	0,131	FALSE
-0,019	0,330	-0,001	0,007	0,028	FALSE
-0,032	0,306	-0,001	0,007	0,057	FALSE
0,047	0,310	0,002	0,011	0,050	FALSE
0,099	0,298	0,003	0,008	0,146	FALSE
0,113	0,305	0,005	0,012	0,153	FALSE
0,108	0,312	0,003	0,009	0,131	FALSE
0,011	0,317	0,000	0,007	0,002	FALSE
-0,021	0,312	-0,001	0,012	0,029	FALSE
0,161	0,297	0,004	0,007	0,290	FALSE
0,003	0,308	0,000	0,009	0,013	FALSE
-0,066	0,304	-0,002	0,007	0,094	FALSE
0,134	0,312	0,003	0,007	0,170	TRUE
0,136	0,306	0,003	0,007	0,157	FALSE
0,031	0,309	0,001	0,007	0,050	FALSE
0,141	0,306	0,003	0,007	0,163	FALSE
0,130	0,305	0,004	0,008	0,169	FALSE
0,016	0,297	0,001	0,007	0,046	FALSE
-0,090	0,317	-0,004	0,013	0,114	FALSE
-0,037	0,318	-0,002	0,012	0,050	FALSE
0,022	0,302	0,000	0,010	0,001	FALSE
-0,025	0,313	-0,002	0,011	0,060	FALSE
-0,059	0,305	-0,001	0,008	0,065	FALSE
-0,037	0,321	-0,001	0,009	0,052	FALSE
0,164	0,302	0,004	0,008	0,221	FALSE
-0,076	0,295	-0,004	0,012	0,148	FALSE
0,064	0,316	0,003	0,013	0,097	FALSE
0,067	0,307	0,002	0,007	0,087	FALSE
-0,051	0,293	-0,001	0,009	0,042	FALSE
-0,012	0,306	0,000	0,009	0,000	FALSE
-0,102	0,302	-0,004	0,010	0,156	FALSE
0,104	0,301	0,003	0,008	0,137	FALSE
0,055	0,293	0,001	0,008	0,063	FALSE
0,039	0,283	0,002	0,012	0,047	FALSE
0,046	0,290	0,002	0,010	0,080	FALSE
0,064	0,307	0,002	0,009	0,070	FALSE
0,102	0,301	0,003	0,009	0,131	FALSE
0,004	0,319	0,000	0,010	0,014	FALSE
-0,099	0,305	-0,002	0,008	0,104	FALSE
-0,073	0,304	-0,002	0,006	0,097	FALSE
-0,130	0,294	-0,006	0,013	0,194	FALSE
-0,060	0,313	-0,001	0,006	0,096	FALSE
0,018	0,300	0,000	0,008	0,015	FALSE
0,055	0,315	0,002	0,012	0,049	FALSE
0,088	0,302	0,003	0,011	0,124	FALSE
0,042	0,324	0,001	0,007	0,051	FALSE

-0,088	0,308	-0,003	0,012	0,110	FALSE
-0,097	0,307	-0,004	0,012	0,124	FALSE
-0,088	0,311	-0,003	0,012	0,105	FALSE
-0,104	0,309	-0,004	0,012	0,124	FALSE
0,020	0,312	0,000	0,007	0,003	FALSE
0,105	0,306	0,004	0,013	0,119	FALSE
-0,081	0,311	-0,002	0,007	0,098	FALSE
0,152	0,290	0,003	0,006	0,187	FALSE
0,027	0,300	0,001	0,011	0,034	FALSE
-0,042	0,322	-0,001	0,007	0,037	FALSE
0,049	0,311	0,001	0,007	0,034	FALSE
-0,018	0,297	-0,001	0,012	0,027	FALSE
0,143	0,313	0,007	0,012	0,235	FALSE
-0,041	0,297	-0,002	0,012	0,055	FALSE
-0,039	0,305	-0,001	0,007	0,053	FALSE
-0,005	0,305	0,000	0,012	0,003	FALSE
-0,046	0,308	-0,003	0,011	0,083	FALSE
0,108	0,308	0,002	0,008	0,108	FALSE
0,145	0,289	0,003	0,007	0,189	FALSE
-0,041	0,294	0,000	0,008	0,007	FALSE
0,044	0,299	0,002	0,012	0,067	FALSE
-0,018	0,320	-0,001	0,013	0,037	FALSE
0,122	0,301	0,005	0,013	0,147	FALSE
0,139	0,293	0,005	0,013	0,174	FALSE
0,141	0,301	0,005	0,013	0,174	FALSE
-0,105	0,306	-0,002	0,009	0,111	FALSE
-0,103	0,309	-0,003	0,011	0,097	FALSE
0,028	0,302	0,001	0,006	0,028	FALSE
-0,001	0,321	0,000	0,006	0,004	FALSE
0,126	0,300	0,003	0,009	0,124	FALSE
0,020	0,312	0,001	0,012	0,019	FALSE
-0,070	0,311	-0,003	0,012	0,079	FALSE
-0,058	0,294	-0,003	0,012	0,107	FALSE
-0,013	0,321	-0,001	0,012	0,019	FALSE
-0,012	0,306	-0,001	0,011	0,019	FALSE
0,082	0,306	0,002	0,012	0,077	FALSE
0,076	0,319	0,002	0,009	0,077	FALSE
0,013	0,303	0,000	0,013	0,007	FALSE
0,137	0,285	0,004	0,009	0,176	FALSE
0,126	0,291	0,004	0,012	0,145	FALSE
-0,108	0,305	-0,002	0,008	0,114	FALSE
0,004	0,309	0,000	0,009	0,000	FALSE
0,060	0,312	0,002	0,007	0,095	FALSE
0,061	0,295	0,002	0,007	0,102	FALSE
-0,025	0,316	-0,001	0,012	0,016	FALSE
0,086	0,306	0,002	0,007	0,099	FALSE
-0,024	0,302	-0,001	0,007	0,048	FALSE
0,093	0,298	0,002	0,007	0,113	FALSE
0,050	0,325	0,001	0,007	0,067	FALSE
-0,110	0,317	-0,004	0,009	0,150	FALSE
0,109	0,299	0,002	0,007	0,116	FALSE
0,078	0,318	0,001	0,008	0,064	FALSE
-0,026	0,299	0,000	0,010	0,015	FALSE

-0,033	0,304	-0,002	0,012	0,050	FALSE
-0,052	0,315	-0,002	0,009	0,078	FALSE
-0,120	0,304	-0,004	0,010	0,182	FALSE
0,047	0,306	0,003	0,012	0,094	FALSE
0,039	0,303	0,001	0,008	0,045	FALSE
0,046	0,297	0,001	0,010	0,045	FALSE
0,000	0,315	0,000	0,013	0,009	FALSE
0,006	0,304	0,000	0,007	0,024	FALSE
0,022	0,307	0,001	0,007	0,038	FALSE
-0,060	0,305	-0,003	0,012	0,079	FALSE
0,099	0,311	0,003	0,009	0,122	FALSE
-0,016	0,294	0,000	0,006	0,008	FALSE
0,000	0,324	0,000	0,008	0,009	FALSE
0,083	0,296	0,002	0,007	0,086	FALSE
0,027	0,303	0,001	0,010	0,051	FALSE
0,104	0,301	0,002	0,007	0,124	FALSE
-0,032	0,302	-0,001	0,007	0,055	FALSE
0,032	0,311	0,001	0,009	0,019	FALSE
0,000	0,319	0,000	0,010	0,010	FALSE
0,051	0,327	0,001	0,007	0,048	FALSE
0,003	0,307	-0,001	0,007	0,028	FALSE
0,042	0,302	0,001	0,009	0,026	FALSE
0,142	0,297	0,005	0,009	0,209	FALSE
-0,123	0,311	-0,005	0,012	0,163	FALSE
0,040	0,308	0,001	0,009	0,063	FALSE
0,077	0,304	0,002	0,007	0,112	FALSE
0,003	0,296	0,000	0,007	0,022	FALSE
0,191	0,316	0,004	0,007	0,256	FALSE
-0,094	0,304	-0,002	0,007	0,110	FALSE
-0,067	0,304	-0,003	0,013	0,087	FALSE
-0,016	0,306	-0,001	0,013	0,025	FALSE
0,047	0,311	0,001	0,007	0,074	FALSE
-0,075	0,294	-0,002	0,008	0,083	FALSE
0,033	0,295	0,001	0,010	0,048	FALSE
0,036	0,302	0,001	0,009	0,059	FALSE
-0,105	0,309	-0,004	0,009	0,171	FALSE
-0,023	0,297	0,000	0,011	0,013	FALSE
0,081	0,312	0,003	0,011	0,097	FALSE
0,089	0,313	0,003	0,012	0,102	FALSE
-0,057	0,305	-0,001	0,006	0,069	FALSE
0,004	0,307	0,000	0,007	0,010	FALSE
-0,101	0,299	-0,003	0,011	0,104	FALSE
-0,101	0,304	-0,004	0,013	0,117	FALSE
-0,140	0,303	-0,005	0,012	0,169	FALSE
0,052	0,313	0,001	0,008	0,067	FALSE
-0,137	0,302	-0,003	0,007	0,186	FALSE
0,033	0,301	0,001	0,006	0,050	FALSE
-0,144	0,296	-0,005	0,012	0,170	FALSE
0,035	0,311	0,002	0,013	0,047	FALSE
-0,069	0,315	-0,002	0,008	0,081	FALSE
0,050	0,309	0,002	0,010	0,070	FALSE
-0,019	0,305	-0,001	0,010	0,020	FALSE
-0,007	0,307	0,000	0,012	0,002	FALSE

-0,042	0,296	-0,001	0,011	0,042	FALSE
-0,117	0,296	-0,004	0,009	0,193	FALSE
-0,157	0,292	-0,005	0,008	0,250	FALSE
-0,057	0,310	-0,002	0,011	0,054	FALSE
-0,080	0,310	-0,004	0,011	0,136	FALSE
-0,134	0,312	-0,004	0,010	0,174	FALSE
0,141	0,305	0,006	0,012	0,211	FALSE
0,074	0,322	0,003	0,012	0,089	FALSE
0,110	0,318	0,004	0,012	0,137	FALSE
-0,092	0,303	-0,002	0,007	0,129	FALSE
-0,084	0,309	-0,002	0,006	0,107	FALSE
0,064	0,309	0,002	0,008	0,077	FALSE
0,012	0,313	0,000	0,008	0,003	FALSE
0,039	0,305	0,001	0,006	0,079	FALSE
0,056	0,304	0,002	0,009	0,067	FALSE
0,008	0,309	0,001	0,012	0,028	FALSE
0,029	0,320	0,001	0,008	0,037	FALSE
-0,009	0,310	0,000	0,010	0,001	FALSE
0,050	0,321	0,002	0,012	0,046	FALSE
0,024	0,294	0,001	0,013	0,039	FALSE
-0,027	0,287	-0,001	0,010	0,035	FALSE
-0,094	0,309	-0,003	0,011	0,125	FALSE
0,173	0,305	0,005	0,008	0,309	FALSE
0,157	0,288	0,006	0,011	0,254	FALSE
0,108	0,317	0,004	0,011	0,162	FALSE
-0,033	0,294	-0,001	0,010	0,021	FALSE
-0,037	0,289	-0,001	0,008	0,024	FALSE
-0,060	0,299	-0,002	0,010	0,092	FALSE
0,027	0,310	0,001	0,011	0,024	FALSE
-0,001	0,326	0,000	0,007	0,011	FALSE
-0,027	0,325	0,000	0,007	0,016	FALSE
0,073	0,301	0,002	0,013	0,063	FALSE
0,001	0,297	0,000	0,008	0,014	FALSE
0,044	0,305	0,001	0,008	0,045	FALSE
0,090	0,307	0,002	0,008	0,110	FALSE
0,036	0,307	0,001	0,007	0,030	FALSE
0,052	0,303	0,001	0,011	0,040	FALSE
-0,007	0,308	0,000	0,006	0,017	FALSE
0,067	0,299	0,002	0,012	0,047	FALSE
0,029	0,299	0,001	0,007	0,046	FALSE
0,091	0,311	0,002	0,013	0,073	FALSE
0,081	0,311	0,003	0,013	0,078	FALSE
-0,123	0,296	-0,002	0,007	0,135	FALSE
-0,005	0,303	-0,001	0,012	0,028	FALSE
-0,004	0,318	0,001	0,012	0,022	FALSE
-0,012	0,292	0,001	0,010	0,020	FALSE
-0,055	0,310	-0,002	0,007	0,103	FALSE
0,066	0,315	0,001	0,007	0,070	FALSE
-0,143	0,298	-0,003	0,006	0,190	FALSE
-0,027	0,315	-0,001	0,008	0,027	FALSE
-0,082	0,298	-0,004	0,013	0,138	FALSE
-0,164	0,307	-0,004	0,008	0,237	FALSE
-0,196	0,294	-0,004	0,007	0,275	FALSE

0,019	0,306	0,000	0,007	0,005	FALSE
0,060	0,302	0,003	0,012	0,078	FALSE
-0,076	0,308	-0,002	0,010	0,089	FALSE
0,062	0,304	0,001	0,006	0,073	FALSE
0,105	0,295	0,002	0,007	0,140	FALSE
-0,027	0,307	-0,002	0,009	0,065	FALSE
-0,060	0,315	-0,001	0,007	0,073	FALSE
-0,016	0,307	0,000	0,007	0,024	FALSE
-0,064	0,306	-0,001	0,007	0,047	FALSE
-0,057	0,301	-0,001	0,007	0,054	FALSE
-0,067	0,293	-0,001	0,007	0,058	FALSE
-0,099	0,309	-0,003	0,013	0,102	FALSE
-0,005	0,309	0,000	0,013	0,012	FALSE
0,092	0,306	0,003	0,008	0,127	FALSE
-0,065	0,324	-0,002	0,009	0,081	FALSE
-0,147	0,292	-0,005	0,010	0,210	FALSE
0,029	0,305	0,001	0,012	0,017	FALSE
0,076	0,283	0,004	0,011	0,132	FALSE
-0,136	0,308	-0,004	0,010	0,169	FALSE
-0,040	0,309	-0,001	0,007	0,062	FALSE
-0,046	0,312	-0,002	0,008	0,072	FALSE
0,106	0,282	0,002	0,008	0,119	FALSE
0,073	0,307	0,002	0,008	0,099	FALSE
0,160	0,303	0,005	0,008	0,248	FALSE
-0,165	0,299	-0,003	0,006	0,233	FALSE
0,076	0,308	0,003	0,011	0,085	FALSE
-0,020	0,307	-0,001	0,012	0,019	FALSE
0,022	0,308	0,001	0,010	0,020	FALSE
-0,045	0,305	-0,001	0,007	0,064	FALSE
-0,063	0,313	-0,001	0,008	0,056	FALSE
-0,009	0,312	0,000	0,008	0,006	FALSE
-0,017	0,296	0,000	0,013	0,006	FALSE
-0,045	0,299	0,000	0,008	0,012	FALSE
-0,050	0,307	-0,001	0,007	0,040	FALSE
-0,079	0,302	-0,002	0,009	0,065	FALSE
-0,032	0,316	0,000	0,007	0,012	FALSE
-0,174	0,290	-0,005	0,009	0,230	FALSE
-0,076	0,301	-0,003	0,011	0,109	FALSE
0,144	0,313	0,004	0,009	0,199	FALSE
-0,046	0,306	-0,001	0,006	0,034	FALSE
0,014	0,305	0,000	0,009	0,016	FALSE
-0,030	0,320	0,000	0,007	0,016	FALSE
0,079	0,316	0,001	0,007	0,073	FALSE
-0,034	0,321	-0,001	0,013	0,025	FALSE
-0,019	0,310	0,000	0,011	0,006	FALSE
-0,045	0,307	-0,001	0,011	0,041	FALSE
0,091	0,302	0,002	0,007	0,094	FALSE
-0,095	0,311	-0,003	0,007	0,155	FALSE
-0,065	0,308	-0,002	0,006	0,119	FALSE
0,131	0,285	0,005	0,012	0,189	FALSE
0,145	0,292	0,003	0,007	0,195	FALSE
-0,079	0,306	-0,002	0,011	0,052	FALSE
0,239	0,299	0,010	0,012	0,391	FALSE

0,096	0,301	0,003	0,009	0,164	FALSE
0,017	0,319	0,000	0,006	0,013	FALSE
-0,187	0,290	-0,006	0,010	0,271	FALSE
-0,059	0,309	-0,002	0,010	0,071	FALSE
-0,045	0,301	-0,001	0,006	0,053	FALSE
0,034	0,302	0,002	0,012	0,057	FALSE
0,023	0,285	0,000	0,011	0,013	FALSE
-0,041	0,314	-0,001	0,010	0,055	FALSE
0,093	0,302	0,004	0,013	0,120	FALSE
-0,115	0,299	-0,004	0,012	0,145	FALSE
-0,013	0,309	0,000	0,008	0,011	FALSE
-0,009	0,313	0,000	0,008	0,006	FALSE
-0,101	0,313	-0,003	0,011	0,091	FALSE
-0,002	0,302	0,000	0,012	0,007	FALSE
0,092	0,293	0,004	0,013	0,141	FALSE
0,102	0,289	0,005	0,012	0,168	FALSE
-0,094	0,307	-0,002	0,007	0,121	FALSE
-0,064	0,313	-0,001	0,008	0,066	FALSE
0,013	0,295	0,001	0,010	0,043	FALSE
-0,070	0,304	-0,002	0,008	0,087	FALSE
-0,068	0,301	-0,002	0,008	0,086	FALSE
-0,011	0,322	0,000	0,012	0,013	FALSE
-0,001	0,321	-0,001	0,014	0,020	FALSE
0,072	0,305	0,003	0,011	0,098	FALSE
0,030	0,310	0,001	0,011	0,040	FALSE
0,009	0,299	0,000	0,007	0,021	FALSE
0,183	0,290	0,005	0,008	0,252	FALSE
0,020	0,303	0,000	0,009	0,014	FALSE
-0,028	0,314	-0,001	0,009	0,023	FALSE
-0,094	0,304	-0,006	0,012	0,186	FALSE
-0,019	0,315	0,000	0,007	0,002	FALSE
-0,047	0,314	-0,002	0,011	0,062	FALSE
-0,148	0,287	-0,005	0,009	0,226	FALSE
-0,069	0,313	-0,002	0,008	0,109	FALSE
0,061	0,304	0,001	0,008	0,064	FALSE
-0,030	0,296	-0,001	0,008	0,034	FALSE
-0,025	0,301	0,000	0,007	0,016	FALSE
0,053	0,296	0,003	0,011	0,094	FALSE
-0,034	0,307	-0,001	0,010	0,040	FALSE
-0,113	0,294	-0,003	0,007	0,181	FALSE
-0,007	0,315	0,000	0,009	0,012	FALSE
-0,022	0,311	-0,001	0,013	0,021	FALSE
-0,120	0,294	-0,005	0,012	0,154	FALSE
-0,056	0,304	-0,002	0,011	0,083	FALSE
-0,036	0,314	-0,001	0,009	0,031	FALSE
0,064	0,312	0,002	0,011	0,080	FALSE
0,026	0,302	0,002	0,011	0,066	FALSE
-0,013	0,315	0,000	0,012	0,005	FALSE
-0,114	0,318	-0,003	0,008	0,154	FALSE
-0,085	0,326	-0,002	0,011	0,070	FALSE
-0,060	0,301	-0,001	0,010	0,039	FALSE
0,027	0,310	0,001	0,013	0,015	FALSE
0,087	0,305	0,002	0,010	0,069	FALSE

-0,059	0,286	-0,002	0,011	0,064	FALSE
-0,004	0,305	0,000	0,010	0,007	FALSE
-0,005	0,294	0,000	0,012	0,009	FALSE
-0,080	0,305	-0,004	0,012	0,126	FALSE
-0,002	0,306	0,000	0,011	0,002	FALSE
-0,007	0,319	0,000	0,010	0,011	FALSE
-0,081	0,286	-0,001	0,006	0,090	FALSE
-0,066	0,305	-0,001	0,008	0,062	FALSE
-0,135	0,291	-0,004	0,008	0,195	FALSE
-0,179	0,303	-0,004	0,007	0,262	FALSE
0,039	0,306	0,000	0,006	0,029	FALSE
0,096	0,314	0,003	0,009	0,121	FALSE
-0,032	0,306	-0,001	0,013	0,015	FALSE
0,102	0,308	0,002	0,007	0,101	FALSE
-0,045	0,300	-0,001	0,010	0,023	FALSE
0,075	0,308	0,002	0,007	0,094	FALSE
-0,050	0,312	-0,001	0,006	0,070	FALSE
0,032	0,322	0,002	0,013	0,068	FALSE
-0,142	0,317	-0,004	0,008	0,210	FALSE
-0,008	0,312	0,000	0,006	0,024	FALSE
0,071	0,315	0,003	0,013	0,100	FALSE
-0,043	0,299	-0,003	0,010	0,099	FALSE
-0,083	0,311	-0,003	0,009	0,152	FALSE
-0,030	0,317	-0,001	0,009	0,036	FALSE
-0,054	0,306	-0,003	0,013	0,078	FALSE
0,088	0,318	0,003	0,009	0,124	FALSE
0,035	0,303	0,001	0,009	0,042	FALSE
-0,085	0,319	-0,003	0,010	0,105	FALSE
0,062	0,313	0,001	0,007	0,053	FALSE
-0,101	0,291	-0,002	0,006	0,129	FALSE
-0,046	0,311	-0,001	0,007	0,068	FALSE
0,105	0,311	0,003	0,007	0,166	FALSE
0,048	0,315	0,001	0,009	0,042	FALSE
-0,008	0,315	-0,001	0,012	0,038	FALSE
0,057	0,310	0,002	0,008	0,088	FALSE
-0,095	0,320	-0,004	0,014	0,106	FALSE
-0,060	0,303	-0,002	0,012	0,075	FALSE
-0,095	0,308	-0,003	0,012	0,111	FALSE
0,050	0,316	0,001	0,010	0,052	FALSE
0,108	0,311	0,005	0,013	0,145	FALSE
-0,127	0,302	-0,005	0,011	0,179	FALSE
0,065	0,304	0,002	0,007	0,081	FALSE
-0,073	0,315	-0,003	0,011	0,106	FALSE
-0,140	0,300	-0,004	0,011	0,140	FALSE
0,036	0,316	0,001	0,007	0,050	FALSE
-0,201	0,296	-0,007	0,011	0,304	FALSE
0,018	0,310	0,001	0,009	0,047	FALSE
0,076	0,292	0,002	0,011	0,082	FALSE
-0,049	0,308	-0,001	0,007	0,046	FALSE
0,064	0,328	0,002	0,009	0,074	FALSE
-0,012	0,289	0,000	0,006	0,003	FALSE
-0,076	0,287	-0,003	0,010	0,100	FALSE
0,190	0,275	0,007	0,011	0,276	FALSE

-0,006	0,303	0,000	0,007	0,021	FALSE
-0,157	0,305	-0,006	0,011	0,227	FALSE
-0,144	0,296	-0,004	0,009	0,178	FALSE
-0,146	0,293	-0,004	0,008	0,206	FALSE
-0,143	0,311	-0,004	0,009	0,184	FALSE
-0,134	0,288	-0,003	0,008	0,178	FALSE
-0,063	0,302	-0,002	0,011	0,057	FALSE
-0,059	0,302	-0,001	0,007	0,065	FALSE
0,096	0,315	0,002	0,007	0,109	FALSE
0,051	0,314	0,001	0,007	0,075	FALSE
-0,053	0,315	-0,002	0,011	0,067	FALSE
-0,097	0,313	-0,003	0,008	0,126	FALSE
-0,098	0,311	-0,003	0,008	0,141	FALSE
-0,106	0,297	-0,002	0,007	0,110	FALSE
-0,010	0,296	-0,001	0,012	0,025	FALSE
-0,083	0,303	-0,002	0,008	0,089	FALSE
-0,015	0,315	-0,001	0,012	0,034	FALSE
-0,032	0,304	-0,001	0,013	0,017	FALSE
-0,047	0,309	-0,001	0,012	0,025	FALSE
-0,017	0,302	-0,001	0,007	0,042	FALSE
0,046	0,295	0,002	0,010	0,057	FALSE
0,122	0,308	0,003	0,007	0,160	FALSE
0,196	0,298	0,006	0,009	0,302	FALSE
0,013	0,306	0,000	0,013	0,010	FALSE
0,105	0,300	0,004	0,009	0,164	FALSE
-0,170	0,306	-0,007	0,013	0,242	FALSE
-0,148	0,314	-0,007	0,013	0,212	FALSE
0,170	0,312	0,006	0,010	0,272	FALSE
-0,028	0,299	-0,001	0,013	0,035	FALSE
-0,127	0,292	-0,007	0,013	0,224	FALSE
0,032	0,319	0,001	0,008	0,063	FALSE
-0,005	0,310	0,000	0,008	0,007	FALSE
-0,048	0,297	-0,001	0,009	0,051	FALSE
0,046	0,306	0,001	0,007	0,049	FALSE
0,133	0,304	0,004	0,010	0,161	FALSE
-0,015	0,311	0,000	0,011	0,003	FALSE
0,023	0,319	0,001	0,007	0,051	FALSE
-0,012	0,325	0,000	0,013	0,005	FALSE
0,082	0,289	0,002	0,007	0,090	FALSE
-0,008	0,314	0,000	0,006	0,004	FALSE
-0,049	0,317	-0,002	0,009	0,069	FALSE
-0,073	0,311	-0,003	0,012	0,082	FALSE
-0,035	0,307	-0,001	0,009	0,042	FALSE
-0,006	0,296	-0,001	0,007	0,036	FALSE
0,019	0,315	0,002	0,012	0,047	FALSE
-0,016	0,318	0,000	0,012	0,014	FALSE
0,195	0,297	0,005	0,009	0,260	FALSE
0,127	0,292	0,003	0,006	0,190	FALSE
0,066	0,306	0,002	0,007	0,106	FALSE
-0,080	0,302	-0,003	0,012	0,101	FALSE
0,089	0,308	0,003	0,008	0,120	FALSE
0,024	0,299	0,001	0,008	0,036	FALSE
-0,016	0,303	-0,001	0,012	0,028	FALSE

0,067	0,302	0,002	0,007	0,083	FALSE
0,002	0,308	0,000	0,011	0,001	FALSE
0,031	0,301	0,001	0,007	0,049	FALSE
0,027	0,305	0,001	0,010	0,034	FALSE
-0,084	0,303	-0,002	0,011	0,061	FALSE
-0,024	0,306	0,000	0,008	0,022	FALSE
0,098	0,296	0,003	0,008	0,132	FALSE
-0,150	0,300	-0,005	0,009	0,232	FALSE
0,093	0,322	0,003	0,007	0,144	FALSE
0,041	0,318	0,002	0,010	0,068	FALSE
0,041	0,306	0,001	0,007	0,074	FALSE
-0,006	0,306	0,000	0,007	0,009	FALSE
0,009	0,312	0,000	0,011	0,005	FALSE
-0,072	0,304	-0,001	0,006	0,076	FALSE
-0,065	0,313	-0,001	0,007	0,061	FALSE
0,028	0,308	0,001	0,007	0,058	FALSE
0,024	0,313	0,001	0,011	0,030	FALSE
-0,074	0,290	-0,002	0,007	0,090	FALSE
-0,012	0,307	0,000	0,010	0,007	FALSE
0,046	0,314	0,002	0,013	0,064	FALSE
0,020	0,318	0,000	0,007	0,005	FALSE
-0,071	0,310	-0,002	0,008	0,096	FALSE
0,027	0,312	0,001	0,011	0,043	FALSE
0,000	0,319	0,000	0,008	0,012	FALSE
0,041	0,307	0,002	0,010	0,054	FALSE
-0,041	0,303	-0,002	0,012	0,069	FALSE
0,019	0,312	0,001	0,008	0,051	FALSE
0,064	0,314	0,003	0,011	0,086	FALSE
-0,045	0,311	-0,001	0,007	0,072	FALSE
-0,180	0,300	-0,008	0,013	0,279	FALSE
-0,225	0,284	-0,008	0,011	0,346	FALSE
-0,074	0,306	-0,002	0,010	0,086	FALSE
0,051	0,311	0,002	0,012	0,064	FALSE
0,039	0,309	0,001	0,007	0,029	FALSE
-0,176	0,291	-0,004	0,006	0,258	FALSE
-0,186	0,297	-0,005	0,008	0,265	FALSE
-0,126	0,301	-0,005	0,013	0,158	FALSE
0,069	0,299	0,001	0,008	0,050	FALSE
-0,048	0,306	-0,001	0,008	0,059	FALSE
0,103	0,322	0,002	0,008	0,114	FALSE
0,033	0,319	0,001	0,013	0,030	FALSE
-0,013	0,320	0,000	0,006	0,006	FALSE
0,054	0,313	0,001	0,007	0,067	FALSE
0,048	0,301	0,002	0,010	0,092	FALSE
0,134	0,296	0,003	0,009	0,144	FALSE
0,120	0,285	0,003	0,009	0,140	FALSE
0,093	0,295	0,002	0,006	0,115	FALSE
0,097	0,298	0,003	0,009	0,107	FALSE
-0,005	0,313	0,000	0,012	0,008	FALSE
-0,025	0,310	-0,001	0,012	0,037	FALSE
-0,118	0,309	-0,003	0,008	0,152	FALSE
0,020	0,307	0,001	0,012	0,020	FALSE
0,005	0,307	0,000	0,011	0,009	FALSE

-0,101	0,304	-0,004	0,010	0,149	FALSE
0,086	0,303	0,003	0,012	0,105	FALSE
-0,136	0,303	-0,006	0,013	0,209	FALSE
0,093	0,298	0,003	0,008	0,132	FALSE
0,165	0,300	0,007	0,012	0,252	FALSE
0,051	0,308	0,001	0,008	0,058	FALSE
0,121	0,306	0,003	0,007	0,151	FALSE
-0,075	0,315	-0,003	0,013	0,086	FALSE
0,137	0,311	0,004	0,010	0,173	FALSE
0,080	0,313	0,002	0,010	0,092	FALSE
0,068	0,310	0,003	0,010	0,123	FALSE
0,093	0,313	0,002	0,009	0,106	FALSE
0,004	0,314	0,000	0,007	0,010	FALSE
0,035	0,301	0,001	0,010	0,034	FALSE
0,043	0,307	0,001	0,006	0,060	FALSE
0,051	0,311	0,002	0,011	0,052	FALSE
0,028	0,310	0,001	0,010	0,020	FALSE
0,116	0,299	0,003	0,007	0,156	FALSE
-0,062	0,297	-0,002	0,006	0,107	FALSE
-0,076	0,307	-0,002	0,006	0,114	FALSE
0,129	0,297	0,003	0,007	0,200	FALSE
-0,056	0,300	-0,001	0,009	0,052	FALSE
0,164	0,314	0,007	0,013	0,226	FALSE
-0,056	0,312	-0,001	0,009	0,051	FALSE
0,175	0,305	0,007	0,013	0,241	FALSE
-0,122	0,307	-0,003	0,008	0,167	FALSE
-0,107	0,317	-0,004	0,013	0,121	FALSE
-0,109	0,311	-0,005	0,013	0,143	FALSE
0,023	0,297	0,000	0,009	0,001	FALSE
-0,068	0,314	-0,003	0,013	0,089	FALSE
-0,108	0,299	-0,002	0,007	0,134	FALSE
-0,169	0,300	-0,006	0,010	0,229	FALSE
-0,094	0,318	-0,003	0,008	0,120	FALSE
0,001	0,304	0,000	0,008	0,020	FALSE
-0,109	0,303	-0,002	0,008	0,125	FALSE
-0,056	0,304	-0,003	0,012	0,080	FALSE
0,040	0,317	0,002	0,013	0,043	FALSE
-0,046	0,310	-0,001	0,010	0,049	FALSE
-0,027	0,309	-0,002	0,013	0,057	FALSE
-0,033	0,305	-0,002	0,010	0,055	FALSE
0,031	0,310	0,000	0,007	0,023	FALSE
-0,046	0,298	-0,002	0,010	0,080	FALSE
-0,070	0,313	-0,003	0,012	0,107	FALSE
-0,085	0,310	-0,004	0,012	0,124	FALSE
0,067	0,313	0,003	0,013	0,073	FALSE
0,108	0,305	0,004	0,013	0,134	FALSE
-0,072	0,311	-0,003	0,013	0,086	FALSE
-0,135	0,310	-0,003	0,007	0,149	FALSE
-0,079	0,320	-0,004	0,013	0,121	FALSE
0,062	0,305	0,002	0,013	0,059	FALSE
0,034	0,303	0,001	0,009	0,022	FALSE
0,065	0,313	0,003	0,010	0,097	FALSE
-0,148	0,298	-0,006	0,012	0,218	FALSE

-0,139	0,302	-0,005	0,010	0,190	FALSE
-0,049	0,311	-0,002	0,010	0,057	FALSE
0,061	0,332	0,003	0,011	0,105	FALSE
-0,033	0,302	-0,001	0,010	0,047	FALSE
-0,003	0,309	0,000	0,008	0,000	FALSE
-0,101	0,299	-0,004	0,012	0,138	FALSE
-0,080	0,310	-0,002	0,009	0,097	FALSE
-0,067	0,302	-0,003	0,011	0,098	FALSE
0,125	0,306	0,004	0,009	0,162	FALSE
-0,151	0,285	-0,005	0,008	0,247	FALSE
-0,011	0,311	-0,001	0,009	0,034	FALSE
0,001	0,312	0,000	0,007	0,012	FALSE
0,028	0,302	0,000	0,008	0,013	FALSE
0,048	0,311	0,002	0,008	0,077	FALSE
-0,096	0,308	-0,004	0,011	0,153	FALSE
0,137	0,310	0,003	0,007	0,205	FALSE
0,138	0,306	0,003	0,007	0,209	FALSE
0,046	0,307	0,001	0,012	0,038	FALSE
-0,030	0,311	0,000	0,011	0,011	FALSE
0,033	0,287	0,002	0,011	0,077	FALSE
0,099	0,303	0,003	0,008	0,139	FALSE
-0,109	0,313	-0,004	0,011	0,141	FALSE
0,011	0,315	0,000	0,008	0,007	FALSE
-0,102	0,316	-0,003	0,008	0,134	FALSE
-0,024	0,317	-0,001	0,011	0,046	FALSE
-0,002	0,310	0,000	0,008	0,021	FALSE
0,094	0,310	0,003	0,011	0,112	FALSE
-0,045	0,292	-0,001	0,010	0,026	FALSE
-0,075	0,297	-0,002	0,010	0,064	FALSE
-0,013	0,315	-0,001	0,007	0,027	FALSE
0,093	0,299	0,003	0,008	0,136	FALSE
0,047	0,311	0,002	0,006	0,104	FALSE
-0,013	0,298	-0,001	0,012	0,041	FALSE
-0,018	0,318	-0,001	0,013	0,040	FALSE
-0,053	0,307	-0,002	0,012	0,074	FALSE
0,048	0,305	0,001	0,008	0,040	FALSE
0,073	0,303	0,001	0,007	0,078	FALSE
-0,122	0,307	-0,002	0,006	0,154	FALSE
-0,046	0,306	-0,002	0,012	0,056	FALSE
0,054	0,307	0,003	0,011	0,086	FALSE
0,011	0,314	0,001	0,011	0,038	FALSE
-0,046	0,302	-0,001	0,007	0,063	FALSE
0,030	0,310	0,001	0,011	0,042	FALSE
0,012	0,307	0,001	0,012	0,027	FALSE
-0,040	0,319	-0,001	0,012	0,040	FALSE
0,041	0,305	0,001	0,012	0,042	FALSE
-0,005	0,319	0,000	0,007	0,003	FALSE
0,020	0,300	0,000	0,013	0,011	FALSE
-0,077	0,303	-0,002	0,006	0,111	FALSE
0,035	0,310	0,001	0,010	0,038	FALSE
0,028	0,302	0,002	0,012	0,050	FALSE
-0,089	0,317	-0,002	0,008	0,090	FALSE
-0,092	0,310	-0,003	0,009	0,121	FALSE

-0,072	0,302	-0,002	0,010	0,087	FALSE
-0,096	0,304	-0,003	0,010	0,137	FALSE
-0,002	0,303	0,000	0,007	0,009	FALSE
0,045	0,321	0,001	0,006	0,076	FALSE
-0,076	0,302	-0,003	0,010	0,098	FALSE
-0,099	0,299	-0,004	0,011	0,140	FALSE
-0,050	0,307	-0,001	0,009	0,057	FALSE
-0,064	0,300	-0,001	0,007	0,060	FALSE
-0,188	0,301	-0,007	0,012	0,268	FALSE
0,155	0,301	0,004	0,008	0,208	FALSE
0,179	0,295	0,004	0,007	0,230	FALSE
-0,054	0,309	-0,002	0,011	0,063	FALSE
0,001	0,293	0,001	0,007	0,043	FALSE
0,122	0,298	0,004	0,013	0,131	FALSE
-0,140	0,302	-0,005	0,009	0,217	FALSE
0,135	0,294	0,003	0,007	0,193	FALSE
0,119	0,314	0,005	0,011	0,178	FALSE
0,100	0,307	0,002	0,007	0,135	FALSE
0,094	0,324	0,002	0,008	0,122	FALSE
0,010	0,315	0,000	0,010	0,000	FALSE
0,077	0,312	0,002	0,007	0,099	FALSE
-0,023	0,300	-0,001	0,008	0,044	FALSE
-0,049	0,320	-0,002	0,012	0,070	FALSE
-0,016	0,324	-0,001	0,012	0,033	FALSE
0,002	0,306	-0,001	0,009	0,025	FALSE
0,053	0,304	0,001	0,008	0,024	FALSE
0,033	0,305	0,001	0,009	0,043	FALSE
0,049	0,315	0,001	0,010	0,054	FALSE
0,117	0,313	0,004	0,012	0,119	FALSE
0,034	0,317	0,001	0,009	0,030	FALSE
-0,107	0,309	-0,002	0,007	0,128	FALSE
0,021	0,308	0,000	0,007	0,012	FALSE
0,065	0,314	0,002	0,006	0,110	FALSE
0,075	0,305	0,003	0,008	0,123	FALSE
0,078	0,302	0,003	0,012	0,117	FALSE
-0,150	0,301	-0,006	0,011	0,212	FALSE
0,175	0,323	0,006	0,010	0,232	FALSE
0,108	0,297	0,003	0,010	0,130	FALSE
-0,087	0,300	-0,003	0,012	0,112	FALSE
0,008	0,300	0,000	0,006	0,011	FALSE
0,058	0,302	0,002	0,012	0,057	FALSE
0,007	0,330	0,001	0,013	0,016	FALSE
0,047	0,314	0,001	0,007	0,067	FALSE
-0,122	0,298	-0,006	0,013	0,183	FALSE
0,096	0,311	0,003	0,008	0,142	FALSE
0,064	0,308	0,002	0,007	0,082	FALSE
0,030	0,310	0,001	0,013	0,016	FALSE
-0,047	0,306	-0,002	0,010	0,075	FALSE
0,059	0,292	0,002	0,012	0,045	FALSE
-0,016	0,301	0,000	0,009	0,009	FALSE
-0,123	0,296	-0,005	0,013	0,147	FALSE
-0,123	0,304	-0,003	0,007	0,139	FALSE
-0,217	0,299	-0,008	0,012	0,285	FALSE

-0,007	0,304	0,001	0,012	0,019	FALSE
0,163	0,300	0,004	0,009	0,202	FALSE
-0,109	0,292	-0,003	0,012	0,107	FALSE
-0,077	0,298	-0,003	0,012	0,100	FALSE
0,020	0,313	0,000	0,008	0,002	FALSE
-0,018	0,305	0,001	0,011	0,020	FALSE
0,012	0,309	0,001	0,007	0,029	FALSE
0,041	0,308	0,001	0,007	0,056	FALSE
0,071	0,303	0,003	0,011	0,092	FALSE
0,139	0,303	0,006	0,010	0,233	FALSE
-0,067	0,301	-0,001	0,007	0,065	FALSE
0,040	0,315	0,002	0,010	0,072	FALSE
-0,128	0,306	-0,003	0,006	0,174	FALSE
-0,072	0,304	-0,003	0,011	0,107	FALSE
-0,067	0,297	-0,002	0,012	0,076	FALSE
-0,096	0,317	-0,003	0,009	0,148	FALSE
-0,065	0,304	-0,003	0,010	0,108	FALSE
-0,107	0,308	-0,002	0,007	0,123	FALSE
-0,058	0,316	-0,001	0,007	0,075	FALSE
0,073	0,292	0,002	0,013	0,055	FALSE
0,035	0,300	0,001	0,013	0,020	FALSE
0,048	0,304	0,001	0,007	0,033	FALSE
-0,079	0,309	-0,003	0,010	0,114	FALSE
0,036	0,301	0,001	0,012	0,023	FALSE
-0,089	0,314	-0,003	0,008	0,144	FALSE
-0,084	0,316	-0,004	0,013	0,126	FALSE
-0,048	0,300	-0,001	0,007	0,082	FALSE
-0,020	0,308	-0,001	0,011	0,038	FALSE
-0,003	0,306	0,000	0,010	0,007	FALSE
0,098	0,317	0,003	0,011	0,126	FALSE
-0,089	0,315	-0,003	0,012	0,093	FALSE
0,011	0,308	0,000	0,009	0,000	FALSE
-0,012	0,320	0,000	0,010	0,000	FALSE
0,129	0,313	0,004	0,009	0,175	FALSE
0,139	0,299	0,003	0,007	0,164	FALSE
-0,021	0,319	-0,001	0,009	0,041	FALSE
0,148	0,296	0,003	0,007	0,204	FALSE
0,001	0,314	0,000	0,009	0,002	FALSE
-0,051	0,311	-0,002	0,009	0,063	FALSE
-0,046	0,311	-0,001	0,009	0,058	FALSE
-0,109	0,300	-0,005	0,012	0,158	FALSE
-0,102	0,293	-0,004	0,012	0,141	FALSE
-0,101	0,300	-0,005	0,013	0,144	FALSE
-0,063	0,296	-0,002	0,010	0,080	FALSE
0,014	0,309	0,000	0,009	0,006	FALSE
0,108	0,288	0,005	0,013	0,161	FALSE
-0,097	0,293	-0,004	0,012	0,134	FALSE
-0,056	0,303	-0,002	0,007	0,089	FALSE
0,045	0,313	0,001	0,010	0,024	FALSE
0,092	0,297	0,003	0,009	0,106	FALSE
-0,027	0,317	0,000	0,007	0,014	FALSE
0,045	0,320	0,001	0,013	0,019	FALSE
0,020	0,305	0,000	0,010	0,002	FALSE

0,008	0,301	0,000	0,010	0,017	FALSE
0,002	0,307	0,000	0,007	0,010	FALSE
0,028	0,303	0,001	0,012	0,025	FALSE
-0,111	0,307	-0,004	0,010	0,157	FALSE
0,029	0,299	0,002	0,011	0,061	FALSE
-0,100	0,307	-0,003	0,010	0,137	FALSE
0,034	0,296	0,000	0,008	0,019	FALSE
0,044	0,325	0,001	0,011	0,019	FALSE
-0,083	0,311	-0,004	0,012	0,139	FALSE
0,089	0,320	0,004	0,010	0,146	FALSE
-0,063	0,313	-0,001	0,007	0,063	FALSE
-0,036	0,315	-0,001	0,009	0,042	FALSE
0,061	0,301	0,001	0,008	0,058	FALSE
-0,087	0,311	-0,002	0,007	0,089	FALSE
-0,032	0,325	0,000	0,007	0,023	FALSE
0,010	0,285	0,000	0,007	0,011	FALSE
-0,026	0,313	-0,001	0,011	0,027	FALSE
-0,020	0,299	0,000	0,010	0,017	FALSE
-0,151	0,286	-0,005	0,010	0,209	FALSE
-0,109	0,311	-0,004	0,013	0,137	FALSE
-0,153	0,316	-0,005	0,010	0,207	FALSE
-0,120	0,301	-0,004	0,010	0,162	FALSE
0,000	0,302	-0,001	0,009	0,022	FALSE
-0,084	0,292	-0,003	0,012	0,111	FALSE
-0,082	0,310	-0,004	0,012	0,128	FALSE
-0,114	0,319	-0,004	0,012	0,143	FALSE
-0,125	0,300	-0,004	0,009	0,167	FALSE
-0,133	0,299	-0,008	0,013	0,246	FALSE
-0,049	0,295	-0,002	0,010	0,066	FALSE
0,109	0,280	0,006	0,012	0,182	FALSE
0,071	0,295	0,002	0,008	0,081	FALSE
-0,082	0,292	-0,004	0,010	0,165	FALSE
-0,110	0,305	-0,003	0,008	0,167	FALSE
0,032	0,290	0,001	0,011	0,022	FALSE
-0,038	0,313	-0,001	0,009	0,043	FALSE
-0,012	0,298	0,000	0,007	0,018	FALSE
0,001	0,315	0,000	0,012	0,008	FALSE
-0,036	0,311	-0,002	0,012	0,057	FALSE
0,089	0,303	0,003	0,010	0,119	FALSE
0,144	0,298	0,005	0,012	0,179	FALSE
0,131	0,300	0,004	0,009	0,169	FALSE
0,147	0,308	0,004	0,010	0,196	FALSE
0,090	0,306	0,003	0,010	0,134	FALSE
-0,019	0,302	0,000	0,012	0,001	FALSE
0,061	0,295	0,001	0,008	0,051	FALSE
-0,038	0,314	-0,001	0,012	0,024	FALSE
0,121	0,303	0,005	0,011	0,179	FALSE
-0,076	0,311	-0,001	0,008	0,063	FALSE
-0,096	0,300	-0,003	0,008	0,127	FALSE
-0,016	0,309	0,000	0,013	0,011	FALSE
-0,018	0,305	0,000	0,006	0,008	FALSE
-0,050	0,300	-0,002	0,008	0,082	FALSE
0,046	0,309	0,002	0,008	0,078	FALSE

0,025	0,306	0,000	0,013	0,008	FALSE
0,095	0,320	0,002	0,008	0,106	FALSE
0,001	0,310	0,000	0,008	0,006	FALSE
-0,091	0,305	-0,003	0,009	0,126	FALSE
-0,013	0,300	0,000	0,007	0,009	FALSE
0,135	0,300	0,005	0,011	0,172	FALSE
0,162	0,298	0,004	0,006	0,232	FALSE
0,215	0,297	0,008	0,011	0,315	FALSE
0,070	0,307	0,001	0,006	0,087	FALSE
-0,078	0,302	-0,004	0,013	0,105	FALSE
-0,095	0,302	-0,002	0,008	0,116	FALSE
-0,132	0,295	-0,004	0,010	0,170	FALSE
0,010	0,298	0,001	0,009	0,031	FALSE
-0,046	0,311	-0,002	0,012	0,064	FALSE
0,105	0,307	0,003	0,008	0,141	FALSE
0,072	0,301	0,002	0,009	0,100	FALSE
-0,075	0,316	-0,002	0,010	0,073	FALSE
-0,072	0,307	-0,003	0,010	0,105	FALSE
-0,083	0,309	-0,003	0,009	0,123	FALSE
-0,012	0,313	-0,001	0,013	0,015	FALSE
0,050	0,301	0,001	0,008	0,062	FALSE
0,079	0,302	0,002	0,008	0,084	FALSE
-0,137	0,305	-0,005	0,012	0,167	FALSE
-0,100	0,311	-0,004	0,013	0,118	FALSE
-0,073	0,308	-0,003	0,012	0,082	FALSE
-0,050	0,321	-0,002	0,009	0,071	FALSE
-0,052	0,311	-0,002	0,008	0,095	FALSE
-0,061	0,320	-0,001	0,009	0,036	FALSE
0,008	0,305	0,000	0,011	0,003	FALSE
-0,075	0,313	-0,002	0,009	0,069	FALSE
0,033	0,304	0,000	0,009	0,013	FALSE
-0,020	0,304	-0,001	0,012	0,026	FALSE
0,008	0,321	0,000	0,008	0,015	FALSE
-0,063	0,292	-0,002	0,008	0,082	FALSE
-0,083	0,309	-0,003	0,012	0,097	FALSE
-0,181	0,309	-0,008	0,012	0,311	FALSE
-0,086	0,298	-0,002	0,006	0,102	FALSE
-0,034	0,307	-0,001	0,007	0,051	FALSE
-0,031	0,305	-0,001	0,006	0,037	FALSE
-0,020	0,314	0,000	0,010	0,001	FALSE
-0,116	0,310	-0,003	0,008	0,157	FALSE
0,062	0,296	0,002	0,010	0,075	FALSE
0,102	0,300	0,003	0,009	0,155	FALSE
0,110	0,309	0,003	0,009	0,129	FALSE
-0,060	0,299	-0,002	0,010	0,070	FALSE
0,005	0,301	0,000	0,007	0,020	FALSE
-0,005	0,309	0,000	0,011	0,005	FALSE
-0,049	0,302	-0,002	0,013	0,065	FALSE
-0,070	0,301	-0,002	0,009	0,084	FALSE
-0,067	0,307	-0,002	0,009	0,096	FALSE
0,134	0,293	0,006	0,011	0,214	FALSE
0,077	0,300	0,002	0,007	0,094	FALSE
0,067	0,289	0,004	0,012	0,137	FALSE

-0,016	0,320	0,000	0,013	0,000	FALSE
-0,107	0,319	-0,002	0,007	0,143	FALSE
-0,036	0,300	-0,002	0,010	0,072	FALSE
-0,088	0,296	-0,003	0,007	0,147	FALSE
0,151	0,293	0,004	0,007	0,236	FALSE
0,129	0,295	0,003	0,007	0,189	FALSE
0,057	0,309	0,002	0,012	0,059	FALSE
-0,017	0,312	0,000	0,013	0,003	FALSE
-0,060	0,319	-0,002	0,009	0,069	FALSE
-0,101	0,320	-0,003	0,010	0,125	FALSE
-0,014	0,319	-0,001	0,011	0,041	FALSE
0,059	0,308	0,002	0,011	0,073	FALSE
-0,063	0,313	-0,002	0,012	0,057	FALSE
0,010	0,306	0,001	0,012	0,016	FALSE
0,135	0,312	0,006	0,012	0,191	FALSE
0,125	0,303	0,004	0,010	0,166	FALSE
-0,092	0,294	-0,004	0,012	0,135	FALSE
0,017	0,309	0,001	0,006	0,041	FALSE
0,074	0,312	0,002	0,009	0,097	FALSE
-0,108	0,303	-0,002	0,007	0,145	FALSE
0,020	0,300	0,001	0,011	0,032	FALSE
-0,027	0,305	-0,001	0,011	0,023	FALSE
-0,001	0,304	0,000	0,007	0,012	FALSE
0,005	0,320	0,000	0,013	0,001	FALSE
0,029	0,295	0,000	0,012	0,007	FALSE
-0,011	0,287	0,000	0,006	0,008	FALSE
0,045	0,302	0,001	0,006	0,038	FALSE
0,021	0,326	0,000	0,007	0,019	FALSE
0,032	0,313	0,002	0,009	0,071	FALSE
-0,193	0,304	-0,008	0,013	0,263	FALSE
-0,065	0,297	-0,003	0,012	0,087	FALSE
0,022	0,314	0,001	0,011	0,030	FALSE
0,000	0,300	0,000	0,010	0,002	FALSE
0,015	0,297	0,001	0,012	0,029	FALSE
0,014	0,336	0,000	0,010	0,016	FALSE
0,062	0,319	0,002	0,012	0,068	FALSE
-0,044	0,302	-0,001	0,010	0,047	FALSE
-0,068	0,305	-0,002	0,010	0,093	FALSE
-0,006	0,322	0,000	0,010	0,007	FALSE
-0,103	0,311	-0,005	0,013	0,151	FALSE
-0,081	0,321	-0,003	0,013	0,086	FALSE
-0,032	0,313	0,000	0,007	0,012	FALSE
0,025	0,307	0,000	0,008	0,011	FALSE
-0,036	0,312	-0,001	0,012	0,045	FALSE
-0,008	0,317	0,000	0,012	0,008	FALSE
-0,021	0,304	-0,001	0,011	0,033	FALSE
0,072	0,322	0,002	0,012	0,079	FALSE
0,007	0,294	0,000	0,010	0,002	FALSE
0,004	0,301	0,000	0,007	0,001	FALSE
0,105	0,300	0,003	0,010	0,143	FALSE
0,022	0,314	0,002	0,012	0,057	FALSE
-0,038	0,309	-0,001	0,012	0,030	FALSE
0,074	0,315	0,003	0,010	0,107	FALSE

0,051	0,305	0,001	0,009	0,024	FALSE
0,015	0,318	0,001	0,013	0,018	FALSE
0,131	0,317	0,004	0,008	0,186	FALSE
0,035	0,305	0,001	0,007	0,068	FALSE
-0,025	0,314	0,000	0,008	0,012	FALSE
-0,040	0,285	0,000	0,011	0,005	FALSE
-0,075	0,320	-0,001	0,008	0,062	FALSE
-0,021	0,314	0,000	0,007	0,010	FALSE
-0,066	0,310	-0,002	0,011	0,060	FALSE
-0,004	0,322	0,000	0,010	0,007	FALSE
-0,143	0,311	-0,006	0,013	0,194	FALSE
0,101	0,313	0,004	0,011	0,142	FALSE
-0,068	0,303	-0,003	0,011	0,102	FALSE
0,051	0,304	0,003	0,012	0,100	FALSE
-0,005	0,298	-0,001	0,010	0,019	FALSE
0,001	0,309	0,000	0,008	0,004	FALSE
-0,046	0,305	-0,001	0,011	0,029	FALSE
-0,077	0,302	-0,002	0,011	0,073	FALSE
0,160	0,305	0,004	0,007	0,221	FALSE
0,089	0,305	0,002	0,009	0,099	FALSE
-0,014	0,308	-0,001	0,010	0,019	FALSE
0,036	0,297	0,001	0,007	0,041	FALSE
0,011	0,306	-0,001	0,012	0,015	FALSE
0,021	0,293	0,001	0,009	0,025	FALSE
-0,060	0,316	-0,001	0,008	0,049	FALSE
-0,074	0,321	-0,003	0,011	0,090	FALSE
0,075	0,313	0,003	0,011	0,099	FALSE
-0,169	0,308	-0,006	0,011	0,241	FALSE
0,003	0,305	0,000	0,011	0,007	FALSE
-0,105	0,306	-0,005	0,013	0,155	FALSE
0,092	0,325	0,003	0,008	0,132	FALSE
0,077	0,306	0,004	0,013	0,114	FALSE
0,075	0,303	0,003	0,012	0,105	FALSE
0,063	0,300	0,003	0,012	0,077	FALSE
-0,105	0,306	-0,003	0,008	0,145	FALSE
-0,040	0,305	-0,001	0,007	0,058	FALSE
-0,082	0,307	-0,004	0,011	0,136	FALSE
0,073	0,298	0,002	0,009	0,089	FALSE
-0,079	0,303	-0,002	0,009	0,088	FALSE
0,022	0,305	0,000	0,007	0,011	FALSE
-0,147	0,295	-0,006	0,011	0,210	FALSE
-0,119	0,314	-0,004	0,011	0,144	FALSE
0,047	0,311	0,002	0,010	0,056	FALSE
0,069	0,315	0,002	0,010	0,092	FALSE
-0,001	0,295	0,001	0,008	0,026	FALSE
-0,162	0,293	-0,007	0,012	0,244	FALSE
-0,019	0,302	0,000	0,013	0,004	FALSE
-0,080	0,313	-0,003	0,013	0,075	FALSE
-0,091	0,307	-0,003	0,011	0,088	FALSE
-0,126	0,297	-0,004	0,008	0,189	FALSE
0,089	0,302	0,003	0,010	0,119	FALSE
-0,020	0,307	-0,001	0,011	0,021	FALSE
-0,059	0,301	-0,002	0,008	0,078	FALSE

-0,152	0,311	-0,003	0,006	0,191	FALSE
0,065	0,303	0,003	0,011	0,097	FALSE
0,067	0,311	0,001	0,007	0,065	FALSE
-0,035	0,302	-0,001	0,009	0,023	FALSE
0,054	0,310	0,001	0,007	0,071	FALSE
0,030	0,302	0,001	0,008	0,039	FALSE
-0,080	0,314	-0,002	0,010	0,098	FALSE
0,093	0,319	0,003	0,009	0,127	FALSE
-0,053	0,315	-0,002	0,009	0,063	FALSE
0,145	0,304	0,003	0,007	0,179	FALSE
0,045	0,302	0,001	0,009	0,058	FALSE
-0,061	0,319	-0,002	0,010	0,073	FALSE
-0,079	0,303	-0,003	0,010	0,102	FALSE
0,045	0,300	0,002	0,009	0,079	FALSE
0,014	0,320	0,001	0,007	0,027	FALSE
0,086	0,298	0,003	0,012	0,102	FALSE
0,004	0,325	0,000	0,008	0,013	FALSE
-0,090	0,317	-0,004	0,013	0,134	FALSE
0,040	0,313	0,001	0,011	0,037	FALSE
0,002	0,296	0,001	0,011	0,016	FALSE
0,142	0,297	0,005	0,011	0,164	FALSE
0,066	0,315	0,003	0,012	0,108	FALSE
0,056	0,309	0,001	0,006	0,060	FALSE
0,060	0,311	0,001	0,006	0,058	FALSE
0,091	0,290	0,003	0,012	0,095	FALSE
-0,056	0,308	-0,002	0,010	0,071	FALSE
0,022	0,294	0,000	0,010	0,004	FALSE
-0,017	0,315	-0,001	0,012	0,026	FALSE
-0,027	0,296	0,000	0,009	0,007	FALSE
-0,004	0,319	0,000	0,007	0,011	FALSE
-0,020	0,297	0,000	0,009	0,001	FALSE
-0,032	0,313	0,000	0,007	0,009	FALSE
0,029	0,313	0,001	0,008	0,045	FALSE
-0,002	0,307	0,001	0,007	0,026	FALSE
-0,006	0,318	0,000	0,009	0,013	FALSE
0,011	0,304	0,001	0,008	0,040	FALSE
0,029	0,292	0,001	0,008	0,050	FALSE
-0,011	0,313	0,000	0,008	0,015	FALSE
-0,023	0,292	0,000	0,008	0,008	FALSE
0,003	0,316	0,001	0,012	0,018	FALSE
0,005	0,301	0,000	0,008	0,006	FALSE
-0,052	0,309	-0,001	0,008	0,053	FALSE
-0,065	0,305	-0,001	0,008	0,061	FALSE
-0,020	0,317	0,000	0,009	0,006	FALSE
-0,015	0,317	0,000	0,010	0,000	FALSE
-0,020	0,307	0,000	0,007	0,015	FALSE
0,120	0,316	0,005	0,012	0,180	FALSE
0,004	0,290	0,000	0,009	0,009	FALSE
0,054	0,286	0,002	0,009	0,063	FALSE
0,049	0,292	0,001	0,011	0,038	FALSE
-0,015	0,301	0,000	0,007	0,020	FALSE
-0,073	0,296	-0,002	0,008	0,091	FALSE
-0,058	0,310	-0,003	0,012	0,096	FALSE

0,111	0,301	0,003	0,009	0,148	FALSE
-0,070	0,295	-0,002	0,007	0,085	FALSE
0,079	0,310	0,002	0,008	0,102	FALSE
0,053	0,320	0,002	0,008	0,086	FALSE
-0,040	0,323	-0,001	0,009	0,028	FALSE
-0,078	0,300	-0,002	0,007	0,105	FALSE
0,056	0,318	0,001	0,006	0,072	FALSE
-0,115	0,307	-0,004	0,013	0,137	FALSE
-0,068	0,300	-0,003	0,012	0,099	FALSE
-0,071	0,308	-0,002	0,007	0,115	FALSE
0,129	0,285	0,005	0,011	0,176	FALSE
0,053	0,308	0,002	0,011	0,056	FALSE
-0,035	0,307	-0,001	0,008	0,048	FALSE
-0,034	0,303	-0,001	0,008	0,046	FALSE
0,117	0,307	0,004	0,009	0,165	FALSE
0,070	0,309	0,002	0,011	0,086	FALSE
0,114	0,296	0,004	0,008	0,184	FALSE
0,111	0,305	0,003	0,008	0,159	FALSE
0,089	0,308	0,003	0,008	0,134	FALSE
-0,065	0,305	-0,002	0,011	0,075	FALSE
0,076	0,299	0,003	0,009	0,105	FALSE
-0,088	0,309	-0,003	0,010	0,118	FALSE
-0,078	0,301	-0,003	0,010	0,117	FALSE
0,012	0,305	0,001	0,011	0,019	FALSE
0,095	0,303	0,004	0,011	0,129	FALSE
-0,073	0,301	-0,003	0,010	0,095	FALSE
-0,057	0,313	-0,002	0,010	0,080	FALSE
-0,099	0,304	-0,004	0,010	0,136	FALSE
0,118	0,312	0,005	0,011	0,179	FALSE
-0,052	0,315	-0,001	0,008	0,053	FALSE
0,105	0,290	0,002	0,007	0,127	FALSE
-0,005	0,304	0,000	0,008	0,002	FALSE
-0,033	0,307	-0,001	0,012	0,022	FALSE
-0,046	0,307	-0,001	0,008	0,055	FALSE
-0,070	0,312	-0,001	0,006	0,080	FALSE
-0,006	0,314	-0,001	0,012	0,020	FALSE
-0,022	0,305	-0,001	0,009	0,025	FALSE
-0,067	0,306	-0,001	0,009	0,062	FALSE
0,081	0,308	0,004	0,012	0,115	FALSE
-0,019	0,312	0,000	0,013	0,011	FALSE
-0,017	0,293	0,000	0,008	0,002	FALSE
0,102	0,305	0,003	0,008	0,139	FALSE
0,019	0,306	0,000	0,008	0,009	FALSE
-0,057	0,312	-0,001	0,008	0,049	FALSE
0,014	0,318	0,000	0,009	0,013	FALSE
0,063	0,309	0,002	0,008	0,075	FALSE
0,154	0,311	0,005	0,009	0,231	FALSE
-0,036	0,305	0,000	0,006	0,022	FALSE
0,114	0,299	0,005	0,011	0,195	FALSE
-0,025	0,308	0,000	0,006	0,010	FALSE
-0,025	0,311	0,000	0,006	0,012	FALSE
0,065	0,307	0,002	0,007	0,101	FALSE
-0,009	0,306	0,000	0,007	0,007	FALSE

0,029	0,309	0,001	0,009	0,037	FALSE
-0,039	0,306	-0,002	0,009	0,067	FALSE
0,090	0,304	0,002	0,007	0,104	FALSE
0,004	0,312	0,002	0,013	0,047	FALSE
-0,067	0,302	-0,002	0,006	0,101	FALSE
-0,038	0,310	-0,001	0,009	0,058	FALSE
-0,010	0,307	0,000	0,011	0,016	FALSE
0,029	0,304	0,000	0,006	0,001	FALSE
0,089	0,296	0,002	0,010	0,070	FALSE
-0,029	0,308	-0,001	0,007	0,072	FALSE
-0,023	0,312	-0,001	0,012	0,039	FALSE
0,089	0,318	0,002	0,008	0,095	FALSE
0,004	0,308	0,000	0,013	0,004	FALSE
-0,035	0,298	0,000	0,008	0,021	FALSE
-0,037	0,318	-0,001	0,009	0,040	FALSE
0,001	0,293	0,000	0,010	0,004	FALSE
0,029	0,305	0,001	0,009	0,023	FALSE
-0,027	0,297	-0,001	0,007	0,034	FALSE
0,080	0,305	0,003	0,012	0,085	FALSE
0,035	0,290	0,001	0,011	0,043	FALSE
-0,020	0,309	-0,001	0,012	0,023	FALSE
0,013	0,325	0,000	0,007	0,006	FALSE
-0,039	0,325	-0,002	0,013	0,043	FALSE
0,061	0,299	0,002	0,012	0,063	FALSE
-0,020	0,322	-0,001	0,007	0,026	FALSE
0,031	0,306	0,002	0,012	0,060	FALSE
-0,052	0,296	-0,002	0,009	0,087	FALSE
0,065	0,323	0,003	0,012	0,114	FALSE
0,000	0,298	0,001	0,013	0,022	FALSE
-0,012	0,288	0,000	0,013	0,004	FALSE
-0,026	0,303	-0,001	0,007	0,028	FALSE
-0,013	0,297	-0,001	0,008	0,030	FALSE
0,077	0,305	0,003	0,010	0,119	FALSE
-0,129	0,304	-0,003	0,006	0,200	FALSE
-0,052	0,306	-0,001	0,008	0,055	FALSE
0,074	0,305	0,004	0,010	0,136	FALSE
-0,028	0,319	-0,001	0,008	0,030	FALSE
-0,124	0,320	-0,003	0,007	0,195	FALSE
-0,059	0,311	-0,001	0,008	0,062	FALSE
-0,139	0,303	-0,004	0,008	0,189	FALSE
-0,141	0,302	-0,003	0,007	0,167	FALSE
0,028	0,303	0,001	0,009	0,047	FALSE
-0,052	0,316	-0,001	0,008	0,036	FALSE
-0,069	0,299	-0,001	0,007	0,066	FALSE
-0,081	0,318	-0,001	0,008	0,073	FALSE
-0,046	0,317	-0,001	0,009	0,055	FALSE
0,004	0,311	0,000	0,011	0,005	FALSE
-0,024	0,310	-0,001	0,009	0,024	FALSE
0,053	0,305	0,001	0,008	0,066	FALSE
-0,001	0,327	0,000	0,008	0,013	FALSE
0,021	0,310	0,001	0,011	0,026	FALSE
-0,019	0,309	-0,001	0,010	0,021	FALSE
0,015	0,312	0,000	0,013	0,013	FALSE

-0,091	0,304	-0,002	0,007	0,123	FALSE
0,014	0,305	0,001	0,011	0,035	FALSE
0,011	0,309	0,000	0,007	0,003	FALSE
-0,199	0,308	-0,004	0,007	0,244	FALSE
0,020	0,309	0,000	0,008	0,014	FALSE
0,186	0,296	0,008	0,012	0,265	FALSE
0,163	0,301	0,006	0,012	0,223	FALSE
0,057	0,293	0,003	0,011	0,109	FALSE
0,132	0,308	0,004	0,007	0,205	FALSE
-0,088	0,308	-0,003	0,011	0,122	FALSE
-0,148	0,316	-0,006	0,013	0,197	FALSE
-0,045	0,301	-0,001	0,009	0,056	FALSE
0,032	0,301	0,001	0,011	0,025	FALSE
-0,074	0,301	-0,003	0,012	0,083	FALSE
0,120	0,300	0,003	0,010	0,128	FALSE
0,129	0,301	0,004	0,010	0,162	FALSE
-0,085	0,306	-0,003	0,012	0,083	FALSE
0,117	0,306	0,004	0,010	0,180	FALSE
-0,058	0,308	-0,002	0,008	0,085	FALSE
0,142	0,300	0,005	0,011	0,162	FALSE
-0,090	0,315	-0,002	0,007	0,102	FALSE
-0,101	0,318	-0,005	0,013	0,164	FALSE
0,077	0,305	0,002	0,008	0,100	FALSE
0,041	0,308	0,001	0,013	0,039	FALSE
0,071	0,293	0,001	0,009	0,063	FALSE
-0,098	0,301	-0,002	0,007	0,146	FALSE
-0,032	0,306	-0,001	0,008	0,043	FALSE
-0,067	0,308	-0,003	0,013	0,081	FALSE
0,019	0,308	0,001	0,009	0,026	FALSE
-0,133	0,293	-0,007	0,011	0,249	FALSE
-0,070	0,294	-0,003	0,012	0,100	FALSE
-0,050	0,300	-0,002	0,010	0,093	FALSE
-0,045	0,306	-0,002	0,010	0,092	FALSE
-0,067	0,294	-0,002	0,007	0,083	FALSE
-0,048	0,294	-0,001	0,007	0,061	FALSE
-0,077	0,299	-0,003	0,007	0,137	FALSE
0,045	0,299	0,002	0,012	0,061	FALSE
0,098	0,302	0,004	0,012	0,115	FALSE
-0,031	0,289	-0,002	0,009	0,074	FALSE
0,052	0,300	0,001	0,013	0,037	FALSE
0,075	0,303	0,002	0,008	0,081	FALSE
0,061	0,300	0,003	0,013	0,091	FALSE
0,092	0,317	0,003	0,010	0,111	FALSE
0,077	0,304	0,002	0,012	0,075	FALSE
0,090	0,286	0,002	0,011	0,076	FALSE
0,050	0,299	0,001	0,007	0,050	FALSE
0,014	0,309	0,000	0,008	0,020	FALSE
-0,067	0,304	-0,001	0,009	0,037	FALSE
0,077	0,312	0,001	0,007	0,059	FALSE
-0,033	0,308	-0,001	0,007	0,062	FALSE
0,021	0,311	0,001	0,013	0,015	FALSE
-0,138	0,301	-0,003	0,006	0,206	FALSE
0,007	0,310	0,000	0,008	0,006	FALSE

0,081	0,309	0,003	0,012	0,102	FALSE
0,023	0,311	0,000	0,008	0,007	FALSE
0,015	0,309	0,000	0,007	0,012	FALSE
-0,111	0,294	-0,003	0,008	0,175	FALSE
0,095	0,307	0,004	0,011	0,123	FALSE
0,058	0,303	0,001	0,010	0,051	FALSE
-0,004	0,294	0,000	0,010	0,001	FALSE
0,157	0,306	0,007	0,011	0,272	FALSE
0,076	0,300	0,004	0,013	0,111	FALSE
-0,007	0,311	0,000	0,007	0,005	FALSE
-0,033	0,312	-0,001	0,007	0,041	FALSE
0,000	0,311	0,000	0,010	0,013	FALSE
0,113	0,301	0,003	0,008	0,170	FALSE
-0,161	0,305	-0,004	0,008	0,210	FALSE
-0,036	0,314	-0,001	0,007	0,047	FALSE
0,088	0,298	0,003	0,010	0,101	FALSE
0,129	0,308	0,003	0,007	0,166	FALSE
0,096	0,304	0,003	0,009	0,117	FALSE
0,119	0,310	0,004	0,011	0,128	FALSE
0,081	0,317	0,003	0,013	0,091	FALSE
0,023	0,315	0,000	0,011	0,012	FALSE
-0,034	0,306	-0,001	0,008	0,036	FALSE
-0,030	0,315	-0,001	0,012	0,038	FALSE
0,049	0,307	0,001	0,007	0,072	FALSE
0,025	0,316	0,001	0,007	0,026	FALSE
-0,120	0,302	-0,003	0,007	0,155	FALSE
-0,007	0,308	0,000	0,009	0,005	FALSE
-0,031	0,313	-0,001	0,009	0,039	FALSE
-0,027	0,298	0,000	0,012	0,008	FALSE
-0,140	0,301	-0,003	0,007	0,203	FALSE
-0,130	0,300	-0,003	0,007	0,186	FALSE
-0,148	0,301	-0,003	0,007	0,214	FALSE
-0,144	0,296	-0,003	0,007	0,215	FALSE
-0,099	0,295	-0,004	0,012	0,142	FALSE
0,072	0,304	0,003	0,011	0,119	FALSE
0,056	0,303	0,001	0,007	0,035	FALSE
-0,027	0,306	-0,001	0,013	0,033	FALSE
-0,081	0,315	-0,002	0,010	0,069	FALSE
-0,094	0,308	-0,003	0,012	0,109	FALSE
0,056	0,313	0,003	0,013	0,091	FALSE
0,038	0,310	0,001	0,012	0,022	FALSE
-0,099	0,306	-0,004	0,013	0,141	FALSE
-0,021	0,299	-0,001	0,011	0,042	FALSE
-0,044	0,308	-0,001	0,007	0,051	FALSE
0,002	0,295	0,000	0,007	0,003	FALSE
-0,015	0,293	0,000	0,007	0,021	FALSE
0,065	0,294	0,002	0,009	0,091	FALSE
-0,133	0,309	-0,003	0,007	0,177	FALSE
0,103	0,308	0,003	0,007	0,150	FALSE
-0,021	0,301	0,000	0,009	0,015	FALSE
0,008	0,301	0,000	0,012	0,011	FALSE
0,074	0,307	0,001	0,006	0,083	FALSE
-0,074	0,298	-0,002	0,007	0,097	FALSE

0,128	0,298	0,005	0,010	0,195	FALSE
0,117	0,297	0,004	0,010	0,166	FALSE
-0,070	0,307	-0,003	0,013	0,099	FALSE
-0,028	0,316	0,000	0,006	0,002	FALSE
-0,003	0,306	0,000	0,007	0,002	FALSE
0,114	0,308	0,005	0,013	0,143	FALSE
0,135	0,311	0,003	0,007	0,191	FALSE
0,040	0,306	0,001	0,010	0,039	FALSE
0,085	0,309	0,003	0,013	0,101	FALSE
-0,069	0,296	-0,002	0,009	0,104	FALSE
0,159	0,287	0,006	0,013	0,208	FALSE
-0,039	0,313	-0,001	0,011	0,034	FALSE
0,063	0,319	0,002	0,012	0,075	FALSE
0,007	0,300	0,000	0,008	0,001	FALSE
-0,111	0,315	-0,004	0,010	0,144	FALSE
-0,059	0,304	-0,001	0,012	0,042	FALSE
0,014	0,319	0,000	0,009	0,008	FALSE
-0,119	0,302	-0,003	0,008	0,154	FALSE
0,010	0,309	0,000	0,010	0,014	FALSE
0,049	0,307	0,002	0,011	0,063	FALSE
0,046	0,304	0,001	0,009	0,061	FALSE
-0,021	0,319	-0,001	0,011	0,026	FALSE
0,001	0,311	0,000	0,011	0,006	FALSE
-0,023	0,304	-0,001	0,008	0,046	FALSE
0,147	0,295	0,003	0,006	0,180	FALSE
0,071	0,318	0,002	0,009	0,062	FALSE
0,011	0,315	0,000	0,008	0,005	FALSE
-0,164	0,304	-0,004	0,008	0,218	FALSE
0,161	0,305	0,004	0,007	0,238	FALSE
-0,127	0,308	-0,004	0,010	0,159	FALSE
0,029	0,297	0,000	0,007	0,022	FALSE
-0,124	0,291	-0,005	0,012	0,157	FALSE
0,020	0,312	0,000	0,008	0,002	FALSE
-0,107	0,297	-0,002	0,007	0,108	FALSE
-0,014	0,314	-0,001	0,012	0,023	FALSE
0,043	0,311	0,002	0,009	0,065	FALSE
-0,035	0,312	-0,001	0,010	0,038	FALSE
0,006	0,307	0,000	0,012	0,011	FALSE
0,087	0,317	0,003	0,013	0,094	FALSE
-0,125	0,315	-0,003	0,008	0,190	FALSE
0,088	0,308	0,003	0,012	0,098	FALSE
-0,167	0,306	-0,004	0,008	0,210	FALSE
0,009	0,299	0,000	0,007	0,015	FALSE
-0,092	0,293	-0,004	0,011	0,127	FALSE
-0,051	0,295	-0,002	0,012	0,063	FALSE
-0,049	0,309	-0,002	0,013	0,070	FALSE
-0,023	0,309	-0,001	0,009	0,023	FALSE
-0,113	0,298	-0,003	0,007	0,165	FALSE
0,032	0,310	0,001	0,013	0,021	FALSE
0,029	0,305	0,001	0,012	0,041	FALSE
0,044	0,312	0,001	0,011	0,036	FALSE
-0,022	0,304	0,000	0,007	0,011	FALSE
0,055	0,303	0,002	0,010	0,085	FALSE

-0,143	0,297	-0,003	0,007	0,194	FALSE
0,031	0,307	0,001	0,012	0,043	FALSE
-0,082	0,334	-0,003	0,011	0,089	FALSE
0,055	0,302	0,002	0,010	0,062	FALSE
-0,131	0,299	-0,005	0,011	0,195	FALSE
0,018	0,314	0,000	0,011	0,014	FALSE
0,027	0,302	0,002	0,008	0,077	FALSE
-0,068	0,307	-0,002	0,011	0,068	FALSE
0,099	0,315	0,004	0,012	0,141	FALSE
0,015	0,299	0,000	0,012	0,007	FALSE
0,045	0,306	0,001	0,007	0,030	FALSE
0,097	0,305	0,004	0,011	0,137	FALSE
0,003	0,302	0,000	0,010	0,017	FALSE
-0,039	0,309	-0,002	0,012	0,058	FALSE
-0,016	0,309	0,000	0,012	0,014	FALSE
-0,053	0,306	-0,002	0,012	0,052	FALSE
-0,041	0,322	-0,001	0,008	0,039	FALSE
-0,090	0,317	-0,002	0,008	0,093	FALSE
-0,076	0,306	-0,002	0,008	0,075	FALSE
-0,079	0,297	-0,002	0,011	0,089	FALSE
-0,040	0,324	-0,001	0,009	0,024	FALSE
0,121	0,314	0,004	0,013	0,129	FALSE
0,002	0,315	0,000	0,012	0,014	FALSE
-0,172	0,304	-0,008	0,013	0,255	FALSE
-0,074	0,304	-0,001	0,007	0,072	FALSE
0,025	0,299	0,001	0,011	0,046	FALSE
-0,023	0,313	-0,001	0,007	0,032	FALSE
-0,028	0,333	0,000	0,007	0,024	FALSE
0,115	0,317	0,005	0,012	0,153	FALSE
0,020	0,298	0,001	0,012	0,043	FALSE
-0,085	0,304	-0,002	0,008	0,089	FALSE
-0,114	0,312	-0,003	0,007	0,160	FALSE
0,112	0,309	0,003	0,009	0,158	FALSE
-0,010	0,309	0,000	0,009	0,015	FALSE
-0,003	0,315	0,000	0,013	0,001	FALSE
0,152	0,306	0,004	0,010	0,186	FALSE
0,033	0,288	0,001	0,008	0,057	FALSE
-0,097	0,304	-0,003	0,008	0,162	FALSE
0,125	0,314	0,003	0,008	0,166	FALSE
-0,039	0,273	-0,002	0,010	0,062	FALSE
-0,024	0,312	-0,002	0,011	0,052	FALSE
-0,157	0,296	-0,006	0,011	0,244	FALSE
-0,174	0,292	-0,007	0,011	0,274	FALSE
0,010	0,322	0,000	0,011	0,005	FALSE
-0,076	0,312	-0,002	0,008	0,114	FALSE
0,000	0,304	0,000	0,007	0,025	FALSE
-0,129	0,311	-0,003	0,008	0,139	FALSE
-0,122	0,289	-0,003	0,007	0,152	FALSE
0,031	0,294	0,001	0,008	0,061	FALSE
-0,112	0,302	-0,003	0,009	0,122	FALSE
0,112	0,295	0,002	0,006	0,141	FALSE
0,057	0,299	0,003	0,012	0,079	FALSE
0,111	0,310	0,002	0,006	0,136	FALSE

0,086	0,309	0,002	0,006	0,112	FALSE
-0,090	0,301	-0,002	0,008	0,127	FALSE
0,129	0,300	0,003	0,006	0,180	FALSE
0,017	0,322	0,000	0,007	0,007	FALSE
0,081	0,303	0,002	0,008	0,108	FALSE
0,057	0,312	0,002	0,010	0,082	FALSE
-0,132	0,299	-0,004	0,011	0,164	FALSE
-0,050	0,306	-0,001	0,010	0,054	FALSE
0,102	0,296	0,003	0,008	0,120	FALSE
0,019	0,314	0,001	0,013	0,040	FALSE
-0,013	0,314	0,000	0,012	0,001	FALSE
-0,054	0,314	-0,002	0,011	0,050	FALSE
0,011	0,311	0,000	0,008	0,001	FALSE
-0,023	0,298	-0,001	0,007	0,034	FALSE
0,047	0,299	0,001	0,010	0,035	FALSE
0,043	0,299	0,000	0,006	0,027	FALSE
-0,069	0,311	-0,002	0,007	0,100	FALSE
0,158	0,311	0,006	0,013	0,203	FALSE
0,182	0,301	0,008	0,013	0,264	FALSE
0,170	0,318	0,007	0,014	0,225	FALSE
0,070	0,327	0,002	0,008	0,074	FALSE
0,078	0,311	0,002	0,007	0,100	FALSE
-0,047	0,324	-0,001	0,009	0,028	FALSE
0,017	0,313	0,000	0,007	0,012	FALSE
0,020	0,305	0,001	0,007	0,042	FALSE
0,236	0,283	0,010	0,012	0,385	TRUE
-0,104	0,318	-0,003	0,011	0,125	FALSE
0,018	0,309	0,000	0,008	0,002	FALSE
0,042	0,310	0,001	0,011	0,019	FALSE
0,092	0,312	0,003	0,009	0,117	FALSE
0,037	0,300	0,001	0,009	0,034	FALSE
0,105	0,297	0,003	0,007	0,154	FALSE
-0,116	0,298	-0,002	0,006	0,149	FALSE
0,089	0,301	0,003	0,010	0,123	FALSE
-0,073	0,312	-0,002	0,007	0,117	FALSE
-0,071	0,298	-0,002	0,006	0,096	FALSE
0,028	0,309	0,001	0,009	0,023	FALSE
0,054	0,310	0,002	0,009	0,076	FALSE
0,014	0,300	0,000	0,007	0,018	FALSE
-0,106	0,287	-0,002	0,007	0,121	FALSE
-0,089	0,305	-0,003	0,011	0,097	FALSE
0,116	0,314	0,004	0,011	0,153	FALSE
-0,207	0,296	-0,004	0,006	0,310	FALSE
0,053	0,295	0,001	0,011	0,037	FALSE
0,102	0,298	0,004	0,011	0,151	FALSE
-0,023	0,308	-0,001	0,008	0,049	FALSE
0,078	0,313	0,003	0,009	0,114	FALSE
0,081	0,293	0,002	0,007	0,084	FALSE
0,034	0,311	0,001	0,012	0,043	FALSE
-0,074	0,297	-0,004	0,012	0,127	FALSE
-0,036	0,303	-0,001	0,008	0,033	FALSE
0,046	0,300	0,001	0,009	0,048	FALSE
0,125	0,297	0,004	0,009	0,169	FALSE

0,022	0,292	0,000	0,008	0,017	FALSE
0,091	0,304	0,003	0,012	0,110	FALSE
-0,057	0,307	-0,002	0,010	0,075	FALSE
0,094	0,306	0,004	0,013	0,123	FALSE
0,032	0,317	0,001	0,011	0,034	FALSE
0,008	0,313	0,000	0,007	0,010	FALSE
0,001	0,302	0,000	0,007	0,003	FALSE
0,040	0,303	0,001	0,008	0,043	FALSE
-0,146	0,308	-0,006	0,013	0,189	FALSE
-0,010	0,303	0,000	0,008	0,018	FALSE
-0,067	0,294	-0,002	0,008	0,089	FALSE
-0,079	0,308	-0,002	0,007	0,103	FALSE
0,027	0,307	0,001	0,008	0,028	FALSE
-0,067	0,310	-0,002	0,011	0,060	FALSE
-0,017	0,303	-0,001	0,010	0,024	FALSE
0,055	0,311	0,001	0,007	0,060	FALSE
-0,077	0,305	-0,003	0,008	0,121	FALSE
-0,063	0,299	-0,001	0,008	0,054	FALSE
0,027	0,299	0,000	0,006	0,007	FALSE
-0,083	0,308	-0,003	0,013	0,107	FALSE
-0,033	0,302	-0,001	0,009	0,033	FALSE
0,071	0,302	0,002	0,010	0,088	FALSE
0,020	0,297	0,001	0,007	0,035	FALSE
0,053	0,316	0,001	0,012	0,044	FALSE
-0,083	0,297	-0,003	0,012	0,095	FALSE
-0,035	0,303	-0,001	0,012	0,045	FALSE
-0,101	0,307	-0,003	0,011	0,120	FALSE
-0,064	0,317	-0,002	0,012	0,073	FALSE
0,012	0,308	0,000	0,007	0,011	FALSE
0,031	0,313	0,001	0,011	0,041	FALSE
0,026	0,312	0,001	0,013	0,026	FALSE
-0,031	0,303	-0,001	0,012	0,036	FALSE
0,040	0,310	0,001	0,008	0,034	FALSE
-0,009	0,308	0,000	0,007	0,019	FALSE
-0,036	0,304	-0,002	0,012	0,073	FALSE
0,102	0,317	0,002	0,008	0,112	FALSE
-0,109	0,295	-0,003	0,009	0,139	FALSE
-0,118	0,292	-0,005	0,012	0,164	FALSE
0,019	0,313	0,000	0,013	0,012	FALSE
-0,006	0,315	0,000	0,010	0,012	FALSE
0,001	0,302	0,000	0,008	0,013	FALSE
-0,051	0,304	-0,002	0,012	0,049	FALSE
0,103	0,299	0,003	0,009	0,125	FALSE
-0,092	0,301	-0,002	0,008	0,117	FALSE
-0,026	0,326	0,000	0,008	0,008	FALSE
0,021	0,324	0,001	0,008	0,038	FALSE
-0,121	0,303	-0,004	0,011	0,141	FALSE
-0,171	0,302	-0,007	0,011	0,276	FALSE
-0,017	0,280	0,000	0,008	0,002	FALSE
-0,035	0,309	0,000	0,007	0,019	FALSE
-0,078	0,293	-0,004	0,011	0,157	FALSE
0,048	0,321	0,002	0,012	0,049	FALSE
0,128	0,312	0,004	0,011	0,159	FALSE

0,079	0,308	0,004	0,012	0,120	FALSE
0,094	0,317	0,003	0,011	0,109	FALSE
0,036	0,303	0,002	0,012	0,056	FALSE
0,068	0,297	0,002	0,010	0,055	FALSE
0,066	0,302	0,002	0,006	0,103	FALSE
0,040	0,297	0,001	0,007	0,054	FALSE
0,127	0,304	0,005	0,012	0,174	FALSE
0,163	0,301	0,007	0,012	0,239	FALSE
0,101	0,315	0,003	0,008	0,142	FALSE
-0,033	0,306	-0,001	0,006	0,052	FALSE
0,032	0,306	0,001	0,006	0,049	FALSE
-0,030	0,291	-0,001	0,006	0,032	FALSE
0,022	0,315	0,000	0,013	0,000	FALSE
-0,003	0,320	-0,001	0,008	0,024	FALSE
-0,035	0,310	-0,001	0,008	0,055	FALSE
0,025	0,298	0,001	0,011	0,038	FALSE
-0,047	0,306	-0,002	0,008	0,087	FALSE
0,091	0,307	0,002	0,007	0,141	FALSE
0,009	0,300	0,001	0,011	0,023	FALSE
-0,124	0,307	-0,003	0,008	0,175	FALSE
-0,048	0,310	-0,002	0,009	0,081	FALSE
-0,134	0,308	-0,006	0,013	0,187	FALSE
-0,115	0,298	-0,005	0,012	0,168	FALSE
-0,128	0,290	-0,005	0,011	0,178	FALSE
-0,073	0,300	-0,003	0,012	0,096	FALSE
0,118	0,315	0,005	0,013	0,169	FALSE
-0,006	0,324	0,001	0,009	0,021	FALSE
-0,151	0,311	-0,003	0,007	0,189	FALSE
-0,137	0,310	-0,005	0,012	0,159	FALSE
0,118	0,315	0,004	0,013	0,126	FALSE
0,029	0,307	0,001	0,012	0,032	FALSE
-0,111	0,311	-0,004	0,013	0,130	FALSE
0,008	0,321	0,000	0,013	0,006	FALSE
0,026	0,302	0,001	0,009	0,042	FALSE
-0,059	0,313	-0,002	0,009	0,065	FALSE
-0,050	0,310	-0,002	0,010	0,056	FALSE
0,022	0,312	0,001	0,010	0,034	FALSE
0,053	0,310	0,002	0,009	0,083	FALSE
0,104	0,320	0,002	0,007	0,104	FALSE
0,040	0,304	0,001	0,007	0,055	FALSE
-0,019	0,313	-0,001	0,009	0,046	FALSE
-0,212	0,308	-0,008	0,010	0,362	FALSE
0,125	0,311	0,003	0,006	0,198	FALSE
-0,183	0,300	-0,006	0,010	0,255	FALSE
-0,072	0,304	-0,003	0,010	0,132	FALSE
0,045	0,317	0,002	0,011	0,050	FALSE
0,000	0,301	0,000	0,012	0,010	FALSE
0,074	0,325	0,002	0,008	0,080	FALSE
-0,028	0,309	-0,001	0,012	0,035	FALSE
-0,089	0,308	-0,003	0,011	0,118	FALSE
-0,008	0,313	0,000	0,008	0,019	FALSE
0,081	0,314	0,002	0,009	0,084	FALSE
0,067	0,305	0,002	0,010	0,077	FALSE

-0,052	0,308	-0,001	0,007	0,063	FALSE
0,030	0,304	0,001	0,008	0,051	FALSE
-0,011	0,310	-0,001	0,012	0,021	FALSE
0,003	0,304	0,000	0,012	0,000	FALSE
0,028	0,296	0,001	0,007	0,037	FALSE
-0,137	0,312	-0,003	0,006	0,176	FALSE
-0,107	0,304	-0,002	0,007	0,124	FALSE
0,022	0,308	0,001	0,006	0,030	FALSE
0,039	0,310	0,001	0,009	0,054	FALSE
-0,092	0,293	-0,003	0,009	0,159	FALSE
0,086	0,304	0,003	0,012	0,082	FALSE
0,092	0,301	0,003	0,012	0,092	FALSE
-0,031	0,302	-0,001	0,008	0,065	FALSE
0,080	0,316	0,002	0,008	0,124	FALSE
-0,045	0,303	-0,002	0,009	0,098	FALSE
-0,036	0,299	-0,002	0,009	0,087	FALSE
0,100	0,293	0,003	0,008	0,165	FALSE
-0,048	0,301	-0,002	0,008	0,102	FALSE
-0,060	0,316	-0,001	0,008	0,055	FALSE
-0,057	0,317	-0,001	0,008	0,050	FALSE
0,045	0,306	0,003	0,012	0,084	FALSE
0,000	0,316	0,000	0,010	0,006	FALSE
0,047	0,315	0,002	0,011	0,051	FALSE
-0,053	0,302	-0,001	0,008	0,042	FALSE
0,028	0,296	0,001	0,008	0,031	FALSE
0,041	0,299	0,002	0,011	0,050	FALSE
-0,046	0,301	-0,002	0,012	0,051	FALSE
-0,079	0,304	-0,002	0,007	0,094	FALSE
-0,013	0,305	-0,001	0,013	0,028	FALSE
0,073	0,316	0,002	0,012	0,081	FALSE
-0,055	0,313	-0,001	0,008	0,051	FALSE
-0,036	0,291	-0,002	0,009	0,072	FALSE
0,075	0,307	0,002	0,008	0,100	FALSE
0,004	0,298	0,000	0,008	0,006	FALSE
0,121	0,296	0,003	0,011	0,110	FALSE
-0,036	0,296	-0,001	0,012	0,040	FALSE
0,046	0,300	0,001	0,007	0,063	FALSE
-0,041	0,316	-0,001	0,007	0,033	FALSE
-0,015	0,292	-0,001	0,012	0,016	FALSE
-0,073	0,311	-0,002	0,008	0,096	FALSE
-0,020	0,291	0,000	0,012	0,009	FALSE
0,007	0,314	0,001	0,012	0,020	FALSE
-0,029	0,319	0,000	0,012	0,000	FALSE
0,007	0,312	0,000	0,012	0,005	FALSE
0,143	0,299	0,004	0,008	0,224	FALSE
0,011	0,304	0,000	0,007	0,026	FALSE
0,015	0,298	0,000	0,012	0,013	FALSE
0,089	0,310	0,002	0,008	0,108	FALSE
0,107	0,308	0,003	0,009	0,136	FALSE
0,089	0,322	0,002	0,009	0,106	FALSE
-0,101	0,304	-0,003	0,011	0,117	FALSE
0,014	0,310	0,000	0,008	0,007	FALSE
0,004	0,309	0,001	0,007	0,043	FALSE

0,113	0,319	0,005	0,013	0,141	FALSE
0,028	0,309	0,001	0,007	0,058	FALSE
0,106	0,311	0,003	0,009	0,128	FALSE
0,051	0,307	0,002	0,010	0,074	FALSE
0,016	0,313	0,001	0,008	0,048	FALSE
0,005	0,300	0,000	0,008	0,017	FALSE
-0,034	0,290	-0,002	0,009	0,096	FALSE
0,106	0,304	0,005	0,011	0,160	FALSE
-0,019	0,304	0,000	0,006	0,022	FALSE
-0,001	0,303	0,000	0,013	0,004	FALSE
0,003	0,298	0,000	0,012	0,003	FALSE
-0,080	0,309	-0,003	0,010	0,092	FALSE
0,029	0,308	0,001	0,013	0,039	FALSE
-0,044	0,310	-0,001	0,007	0,064	FALSE
-0,003	0,306	-0,001	0,008	0,028	FALSE
-0,069	0,303	-0,002	0,012	0,070	FALSE
0,034	0,309	0,001	0,012	0,019	FALSE
-0,043	0,309	-0,002	0,012	0,066	FALSE
0,026	0,317	0,001	0,008	0,037	FALSE
0,081	0,301	0,003	0,012	0,091	FALSE
-0,117	0,288	-0,003	0,006	0,183	FALSE
-0,072	0,314	-0,001	0,007	0,075	FALSE
0,168	0,301	0,005	0,010	0,229	FALSE
0,180	0,294	0,005	0,009	0,262	FALSE
-0,168	0,308	-0,004	0,007	0,226	FALSE
0,009	0,308	0,001	0,010	0,024	FALSE
0,030	0,312	0,001	0,008	0,034	FALSE
0,144	0,306	0,003	0,006	0,177	FALSE
0,118	0,308	0,003	0,007	0,153	FALSE
0,121	0,302	0,003	0,007	0,152	FALSE
-0,207	0,293	-0,005	0,007	0,300	FALSE
0,084	0,316	0,002	0,009	0,091	FALSE
0,069	0,309	0,002	0,007	0,098	FALSE
0,117	0,300	0,003	0,007	0,159	FALSE
0,074	0,330	0,003	0,011	0,114	FALSE
-0,014	0,315	0,000	0,009	0,011	FALSE
0,114	0,305	0,003	0,007	0,146	FALSE
0,081	0,316	0,003	0,011	0,099	FALSE
0,044	0,301	0,001	0,010	0,032	FALSE
0,046	0,313	0,001	0,009	0,039	FALSE
0,004	0,329	0,001	0,013	0,015	FALSE
0,028	0,322	0,001	0,007	0,030	FALSE
0,044	0,307	0,001	0,007	0,065	FALSE
0,095	0,302	0,004	0,011	0,126	FALSE
0,077	0,311	0,002	0,008	0,096	FALSE
-0,105	0,298	-0,003	0,009	0,136	FALSE
0,096	0,313	0,003	0,010	0,124	FALSE
-0,176	0,302	-0,006	0,011	0,242	FALSE
0,099	0,300	0,003	0,008	0,129	FALSE
0,062	0,316	0,002	0,010	0,055	FALSE
0,101	0,299	0,003	0,008	0,136	FALSE
0,035	0,309	0,001	0,008	0,054	FALSE
0,101	0,277	0,003	0,010	0,132	FALSE

0,011	0,308	0,000	0,009	0,012	FALSE
0,153	0,305	0,004	0,007	0,252	FALSE
0,126	0,296	0,003	0,007	0,189	FALSE
-0,108	0,308	-0,003	0,008	0,169	FALSE
0,121	0,313	0,002	0,006	0,140	FALSE
0,054	0,307	0,001	0,007	0,028	FALSE
-0,029	0,315	-0,001	0,009	0,022	FALSE
-0,042	0,302	-0,002	0,013	0,052	FALSE
0,130	0,287	0,003	0,006	0,200	FALSE
0,102	0,303	0,003	0,008	0,140	FALSE
-0,038	0,316	-0,001	0,012	0,043	FALSE
0,074	0,308	0,002	0,008	0,079	FALSE
0,105	0,313	0,004	0,012	0,135	FALSE
-0,069	0,310	-0,001	0,007	0,069	FALSE
-0,014	0,306	0,000	0,006	0,021	FALSE
0,142	0,303	0,006	0,011	0,220	FALSE
-0,055	0,299	-0,001	0,007	0,073	FALSE
-0,022	0,306	0,000	0,012	0,005	FALSE
-0,115	0,308	-0,003	0,007	0,135	FALSE
-0,024	0,312	-0,001	0,009	0,041	FALSE
0,053	0,298	0,002	0,008	0,074	FALSE
-0,001	0,308	0,000	0,008	0,022	FALSE
0,213	0,298	0,009	0,012	0,328	FALSE
0,086	0,309	0,004	0,013	0,112	FALSE
0,082	0,311	0,004	0,013	0,115	FALSE
-0,085	0,296	-0,002	0,006	0,099	FALSE
-0,006	0,332	0,000	0,008	0,000	FALSE
-0,080	0,313	-0,002	0,008	0,108	FALSE
0,040	0,309	0,002	0,013	0,050	FALSE
0,042	0,313	0,002	0,010	0,060	FALSE
-0,093	0,308	-0,002	0,008	0,104	FALSE
0,120	0,297	0,003	0,009	0,151	FALSE
-0,064	0,307	-0,001	0,007	0,070	FALSE
0,046	0,298	0,001	0,008	0,044	FALSE
-0,076	0,302	-0,003	0,013	0,084	FALSE
-0,093	0,306	-0,004	0,013	0,113	FALSE
-0,091	0,306	-0,003	0,012	0,094	FALSE
0,027	0,317	0,001	0,008	0,048	FALSE
-0,082	0,317	-0,003	0,012	0,102	FALSE
-0,035	0,301	-0,001	0,007	0,080	FALSE
0,027	0,325	0,001	0,007	0,070	FALSE
0,128	0,312	0,004	0,010	0,152	FALSE
0,197	0,304	0,008	0,013	0,283	FALSE
0,035	0,296	0,001	0,007	0,027	FALSE
0,055	0,311	0,001	0,008	0,050	FALSE
-0,057	0,311	-0,003	0,012	0,090	FALSE
-0,133	0,291	-0,003	0,006	0,213	FALSE
0,074	0,300	0,002	0,007	0,096	FALSE
0,030	0,304	0,000	0,008	0,006	FALSE
0,038	0,306	0,001	0,010	0,056	FALSE
-0,172	0,308	-0,007	0,012	0,241	FALSE
-0,077	0,315	-0,003	0,009	0,110	FALSE
-0,011	0,295	-0,001	0,013	0,024	FALSE

0,131	0,310	0,004	0,007	0,208	FALSE
0,095	0,302	0,005	0,011	0,166	FALSE
-0,046	0,305	-0,002	0,009	0,071	FALSE
-0,103	0,309	-0,002	0,008	0,096	FALSE
0,105	0,311	0,002	0,007	0,136	FALSE
0,025	0,314	0,001	0,007	0,028	FALSE
0,020	0,329	0,001	0,008	0,023	FALSE
-0,021	0,318	-0,001	0,010	0,025	FALSE
-0,057	0,316	-0,002	0,011	0,069	FALSE
0,084	0,293	0,004	0,011	0,119	FALSE
0,060	0,298	0,003	0,012	0,086	FALSE
0,038	0,311	0,002	0,010	0,063	FALSE
-0,014	0,325	-0,001	0,010	0,019	FALSE
-0,004	0,312	0,000	0,009	0,000	FALSE
0,045	0,291	0,001	0,006	0,058	FALSE
-0,067	0,293	-0,002	0,010	0,090	FALSE
0,140	0,313	0,003	0,006	0,186	FALSE
0,043	0,302	0,001	0,006	0,048	FALSE
0,061	0,311	0,002	0,010	0,100	FALSE
0,077	0,300	0,003	0,012	0,110	FALSE
0,026	0,312	0,001	0,008	0,034	FALSE
-0,044	0,310	-0,002	0,012	0,053	FALSE
-0,065	0,309	-0,003	0,012	0,093	FALSE
0,184	0,296	0,007	0,010	0,295	FALSE
0,223	0,290	0,007	0,009	0,387	FALSE
0,017	0,309	0,001	0,007	0,027	FALSE
0,014	0,297	0,000	0,006	0,002	FALSE
-0,016	0,305	0,000	0,008	0,021	FALSE
-0,017	0,305	0,000	0,009	0,016	FALSE
-0,067	0,315	-0,002	0,012	0,066	FALSE
-0,116	0,311	-0,003	0,008	0,142	FALSE
-0,118	0,318	-0,005	0,013	0,145	FALSE
0,048	0,300	0,001	0,007	0,048	FALSE
-0,126	0,296	-0,005	0,010	0,191	FALSE
-0,059	0,295	-0,002	0,011	0,073	FALSE
-0,168	0,296	-0,006	0,010	0,265	FALSE
-0,036	0,303	-0,001	0,012	0,032	FALSE
-0,063	0,313	-0,002	0,012	0,066	FALSE
0,024	0,315	0,001	0,013	0,032	FALSE
-0,018	0,319	0,000	0,007	0,010	FALSE
-0,066	0,306	-0,002	0,012	0,069	FALSE
0,051	0,314	0,002	0,013	0,060	FALSE
0,031	0,318	0,001	0,013	0,029	FALSE
0,000	0,307	0,000	0,010	0,011	FALSE
0,071	0,323	0,003	0,013	0,085	FALSE
-0,137	0,300	-0,003	0,008	0,176	FALSE
-0,070	0,312	-0,002	0,013	0,067	FALSE
-0,114	0,313	-0,003	0,007	0,152	FALSE
-0,039	0,302	-0,002	0,011	0,071	FALSE
0,049	0,311	0,002	0,013	0,062	FALSE
-0,005	0,317	-0,001	0,012	0,017	FALSE
0,048	0,311	0,002	0,012	0,052	FALSE
0,115	0,306	0,003	0,007	0,166	FALSE

0,103	0,302	0,005	0,013	0,142	FALSE
0,062	0,298	0,002	0,007	0,099	FALSE
-0,184	0,310	-0,005	0,008	0,258	FALSE
-0,018	0,309	-0,001	0,008	0,054	FALSE
0,007	0,306	0,001	0,013	0,025	FALSE
-0,027	0,303	0,000	0,012	0,013	FALSE
-0,031	0,330	-0,001	0,010	0,025	FALSE
-0,080	0,302	-0,003	0,009	0,131	FALSE
0,057	0,299	0,002	0,010	0,079	FALSE
-0,163	0,311	-0,003	0,007	0,215	FALSE
-0,191	0,281	-0,006	0,009	0,293	FALSE
-0,065	0,311	-0,001	0,007	0,071	FALSE
-0,045	0,300	-0,001	0,008	0,051	FALSE
-0,041	0,312	-0,001	0,008	0,040	FALSE
-0,053	0,308	-0,002	0,011	0,069	FALSE
-0,063	0,312	-0,003	0,013	0,101	FALSE
-0,136	0,312	-0,003	0,006	0,183	FALSE
-0,109	0,294	-0,005	0,012	0,164	FALSE
0,015	0,303	0,000	0,008	0,018	FALSE
0,007	0,305	0,000	0,011	0,003	FALSE
0,027	0,300	0,001	0,007	0,055	FALSE
0,058	0,306	0,002	0,007	0,101	FALSE
0,024	0,296	0,001	0,011	0,043	FALSE
-0,029	0,301	-0,001	0,008	0,043	FALSE
0,106	0,319	0,002	0,009	0,102	FALSE
0,029	0,305	0,002	0,013	0,050	FALSE
0,108	0,303	0,002	0,006	0,133	FALSE
-0,075	0,298	-0,001	0,007	0,079	FALSE
-0,062	0,305	-0,004	0,013	0,108	FALSE
-0,048	0,307	-0,001	0,007	0,044	FALSE
-0,010	0,317	0,000	0,012	0,002	FALSE
0,133	0,307	0,006	0,012	0,200	FALSE
0,101	0,302	0,003	0,012	0,112	FALSE
-0,072	0,306	-0,004	0,013	0,112	FALSE
-0,030	0,302	0,000	0,008	0,017	FALSE
0,032	0,310	0,001	0,012	0,032	FALSE
-0,077	0,310	-0,002	0,007	0,113	FALSE
-0,070	0,301	-0,002	0,007	0,117	FALSE
-0,071	0,306	-0,002	0,006	0,115	FALSE
-0,002	0,306	0,000	0,008	0,001	FALSE
0,006	0,308	0,000	0,007	0,011	FALSE
0,098	0,301	0,002	0,007	0,102	FALSE
-0,034	0,302	-0,001	0,007	0,047	FALSE
0,110	0,295	0,003	0,007	0,146	FALSE
0,003	0,309	0,000	0,013	0,010	FALSE
-0,063	0,302	-0,002	0,011	0,077	FALSE
-0,056	0,303	-0,001	0,008	0,059	FALSE
-0,023	0,292	-0,001	0,008	0,026	FALSE
-0,030	0,294	-0,001	0,009	0,043	FALSE
0,068	0,320	0,001	0,006	0,084	FALSE
-0,017	0,308	-0,001	0,007	0,029	FALSE
0,027	0,315	0,001	0,013	0,020	FALSE
0,061	0,312	0,001	0,007	0,059	FALSE

0,090	0,320	0,004	0,012	0,125	FALSE
-0,104	0,303	-0,004	0,013	0,137	FALSE
-0,205	0,309	-0,008	0,010	0,329	FALSE
-0,161	0,307	-0,006	0,011	0,258	FALSE
0,007	0,306	0,000	0,009	0,009	FALSE
0,018	0,317	0,000	0,009	0,010	FALSE
-0,131	0,306	-0,003	0,007	0,152	FALSE
-0,042	0,293	-0,001	0,006	0,032	FALSE
-0,048	0,302	-0,001	0,008	0,069	FALSE
0,098	0,308	0,002	0,008	0,123	FALSE
0,105	0,303	0,002	0,008	0,113	FALSE
0,107	0,312	0,003	0,008	0,116	FALSE
0,035	0,308	0,001	0,009	0,043	FALSE
0,046	0,302	0,001	0,008	0,063	FALSE
0,123	0,307	0,002	0,006	0,142	FALSE
0,096	0,302	0,003	0,009	0,124	FALSE
-0,001	0,305	-0,001	0,009	0,020	FALSE
0,018	0,314	0,000	0,009	0,008	FALSE
-0,026	0,309	-0,001	0,009	0,038	FALSE
0,001	0,329	0,000	0,009	0,017	FALSE
-0,059	0,301	-0,002	0,011	0,068	FALSE
0,090	0,330	0,003	0,011	0,118	FALSE
-0,098	0,303	-0,005	0,013	0,152	FALSE
0,029	0,312	0,001	0,008	0,031	FALSE
0,083	0,305	0,004	0,013	0,108	FALSE
0,015	0,311	0,000	0,008	0,022	FALSE
-0,043	0,312	-0,002	0,009	0,073	FALSE
0,067	0,317	0,002	0,007	0,093	FALSE
0,046	0,316	0,001	0,007	0,067	FALSE
0,037	0,293	0,001	0,006	0,068	FALSE
0,046	0,313	0,001	0,013	0,033	FALSE
0,024	0,306	0,002	0,010	0,072	FALSE
0,086	0,305	0,003	0,008	0,131	FALSE
0,049	0,278	0,003	0,009	0,129	FALSE
-0,060	0,299	-0,001	0,011	0,030	FALSE
-0,067	0,310	-0,001	0,011	0,046	FALSE
0,032	0,294	0,000	0,008	0,008	FALSE
0,012	0,311	0,000	0,012	0,012	FALSE
0,041	0,295	0,003	0,011	0,087	FALSE
0,099	0,302	0,002	0,007	0,100	FALSE
0,019	0,308	0,002	0,013	0,052	FALSE
0,030	0,312	0,002	0,012	0,057	FALSE
0,001	0,307	0,001	0,009	0,042	FALSE
-0,019	0,313	0,000	0,012	0,013	FALSE
-0,087	0,312	-0,003	0,008	0,136	FALSE
0,053	0,314	0,002	0,013	0,063	FALSE
0,056	0,308	0,002	0,012	0,070	FALSE
0,008	0,295	0,000	0,008	0,017	FALSE
0,029	0,308	0,001	0,012	0,038	FALSE
-0,017	0,315	-0,001	0,012	0,030	FALSE
-0,042	0,315	-0,001	0,010	0,027	FALSE
0,089	0,303	0,003	0,010	0,119	FALSE
0,120	0,307	0,004	0,011	0,157	FALSE

-0,102	0,298	-0,003	0,010	0,124	FALSE
0,141	0,300	0,005	0,009	0,206	FALSE
-0,227	0,299	-0,010	0,012	0,400	FALSE
0,099	0,303	0,002	0,007	0,113	FALSE
-0,102	0,309	-0,002	0,007	0,128	FALSE
-0,006	0,288	0,000	0,010	0,015	FALSE
0,041	0,293	0,001	0,010	0,044	FALSE
0,022	0,300	0,001	0,009	0,032	FALSE
0,009	0,296	0,001	0,007	0,034	FALSE
-0,056	0,296	-0,001	0,007	0,070	FALSE
-0,023	0,300	0,000	0,007	0,016	FALSE
0,034	0,289	0,001	0,007	0,069	FALSE
0,000	0,307	0,000	0,006	0,004	FALSE
0,005	0,319	0,000	0,012	0,009	FALSE
-0,044	0,302	-0,001	0,008	0,034	FALSE
-0,031	0,318	-0,001	0,012	0,029	FALSE
-0,096	0,317	-0,004	0,012	0,139	FALSE
0,065	0,309	0,001	0,007	0,086	FALSE
-0,104	0,293	-0,003	0,007	0,169	FALSE
0,002	0,313	0,000	0,011	0,012	FALSE
-0,003	0,316	0,000	0,011	0,006	FALSE
-0,029	0,300	-0,001	0,010	0,024	FALSE
-0,040	0,306	-0,001	0,010	0,032	FALSE
-0,026	0,313	-0,001	0,010	0,024	FALSE
0,016	0,313	0,001	0,010	0,048	FALSE
-0,002	0,320	0,000	0,008	0,003	FALSE
0,041	0,330	0,001	0,008	0,040	FALSE
-0,016	0,293	-0,001	0,008	0,047	FALSE
0,080	0,312	0,002	0,006	0,106	FALSE
0,082	0,293	0,002	0,008	0,086	FALSE
0,078	0,299	0,002	0,008	0,116	FALSE
0,013	0,303	0,000	0,013	0,006	FALSE
0,043	0,304	0,001	0,012	0,021	FALSE
0,089	0,298	0,003	0,011	0,090	FALSE
0,133	0,316	0,003	0,008	0,159	FALSE
0,026	0,293	-0,001	0,012	0,016	FALSE
0,077	0,294	0,002	0,007	0,084	FALSE
-0,001	0,319	0,000	0,008	0,011	FALSE
-0,110	0,309	-0,004	0,011	0,159	FALSE
0,130	0,308	0,005	0,009	0,205	FALSE
0,178	0,293	0,005	0,008	0,264	FALSE
0,190	0,303	0,006	0,009	0,275	FALSE
-0,030	0,284	-0,001	0,010	0,039	FALSE
-0,003	0,301	0,000	0,010	0,006	FALSE
-0,005	0,294	0,000	0,009	0,011	FALSE
-0,052	0,294	-0,001	0,011	0,042	FALSE
-0,057	0,299	-0,001	0,009	0,061	FALSE
0,032	0,304	0,001	0,007	0,045	FALSE
0,045	0,315	0,001	0,007	0,030	FALSE
0,034	0,301	0,001	0,009	0,038	FALSE
0,097	0,328	0,004	0,011	0,131	FALSE
-0,006	0,295	0,000	0,010	0,006	FALSE
-0,057	0,319	-0,001	0,008	0,060	FALSE

-0,051	0,302	-0,001	0,008	0,061	FALSE
-0,071	0,312	-0,003	0,012	0,081	FALSE
0,087	0,301	0,005	0,012	0,150	FALSE
0,069	0,306	0,003	0,012	0,083	FALSE
0,171	0,310	0,007	0,013	0,239	FALSE
0,047	0,308	0,001	0,008	0,069	FALSE
0,034	0,317	0,001	0,009	0,045	FALSE
0,002	0,316	0,000	0,006	0,005	FALSE
0,055	0,308	0,002	0,013	0,056	FALSE
0,090	0,313	0,003	0,008	0,128	FALSE
-0,132	0,304	-0,006	0,013	0,205	FALSE
0,062	0,309	0,002	0,008	0,100	FALSE
0,200	0,292	0,008	0,012	0,297	FALSE
-0,008	0,316	0,000	0,007	0,001	FALSE
0,004	0,300	0,000	0,007	0,016	FALSE
-0,016	0,309	-0,001	0,010	0,044	FALSE
-0,005	0,301	-0,001	0,012	0,024	FALSE
-0,097	0,309	-0,003	0,011	0,107	FALSE
-0,061	0,311	-0,003	0,011	0,090	FALSE
-0,023	0,302	-0,001	0,010	0,039	FALSE
-0,084	0,303	-0,003	0,009	0,109	FALSE
-0,043	0,308	-0,002	0,010	0,075	FALSE
-0,053	0,303	-0,003	0,012	0,089	FALSE
-0,045	0,293	-0,003	0,011	0,100	FALSE
0,050	0,308	0,001	0,008	0,052	FALSE
0,050	0,306	0,001	0,010	0,038	FALSE
0,010	0,306	-0,001	0,013	0,023	FALSE
0,096	0,287	0,002	0,007	0,091	FALSE
-0,095	0,308	-0,002	0,006	0,121	FALSE
0,252	0,293	0,011	0,012	0,411	FALSE
0,071	0,316	0,002	0,007	0,093	FALSE
0,035	0,307	0,001	0,007	0,042	FALSE
-0,117	0,301	-0,003	0,009	0,140	FALSE
-0,170	0,297	-0,004	0,008	0,235	FALSE
0,010	0,315	0,001	0,007	0,039	FALSE
0,072	0,297	0,001	0,007	0,054	FALSE
-0,049	0,308	-0,002	0,011	0,076	FALSE
0,116	0,307	0,006	0,012	0,193	FALSE
-0,037	0,320	-0,001	0,007	0,036	FALSE
-0,048	0,315	-0,001	0,010	0,036	FALSE
-0,027	0,298	-0,001	0,009	0,044	FALSE
-0,013	0,283	-0,001	0,009	0,042	FALSE
-0,008	0,298	0,000	0,012	0,000	FALSE
-0,110	0,292	-0,003	0,008	0,170	FALSE
-0,099	0,302	-0,003	0,010	0,135	FALSE
-0,003	0,309	0,000	0,010	0,005	FALSE
0,098	0,309	0,004	0,012	0,145	FALSE
-0,047	0,309	-0,001	0,009	0,051	FALSE
-0,001	0,299	0,000	0,008	0,021	FALSE
0,032	0,301	0,001	0,008	0,032	FALSE
0,016	0,318	0,000	0,008	0,014	FALSE
0,123	0,303	0,004	0,011	0,152	FALSE
0,096	0,292	0,003	0,009	0,153	FALSE

-0,076	0,303	-0,003	0,011	0,088	FALSE
0,075	0,303	0,002	0,009	0,112	FALSE
0,084	0,295	0,003	0,008	0,123	FALSE
-0,045	0,303	-0,001	0,007	0,047	FALSE
0,005	0,299	-0,001	0,010	0,021	FALSE
-0,103	0,324	-0,002	0,008	0,093	FALSE
0,059	0,301	0,002	0,007	0,102	FALSE
0,032	0,317	0,002	0,013	0,063	FALSE
0,006	0,292	0,000	0,007	0,011	FALSE
0,138	0,304	0,005	0,011	0,202	FALSE
-0,095	0,316	-0,004	0,011	0,149	FALSE
0,059	0,306	0,002	0,009	0,080	FALSE
-0,024	0,307	0,000	0,013	0,008	FALSE
-0,053	0,318	-0,002	0,013	0,050	FALSE
-0,043	0,309	-0,002	0,013	0,045	FALSE
-0,028	0,326	-0,001	0,010	0,020	FALSE
0,135	0,301	0,003	0,007	0,197	FALSE
0,134	0,297	0,003	0,007	0,175	FALSE
0,026	0,304	0,001	0,007	0,035	FALSE
-0,030	0,315	0,000	0,007	0,015	FALSE
-0,054	0,297	-0,003	0,013	0,077	FALSE
0,060	0,308	0,002	0,007	0,081	FALSE
0,057	0,306	0,001	0,007	0,081	FALSE
0,061	0,305	0,002	0,008	0,076	FALSE
0,047	0,295	0,001	0,007	0,086	FALSE
0,025	0,318	0,001	0,011	0,035	FALSE
0,056	0,317	0,002	0,011	0,067	FALSE
-0,144	0,298	-0,004	0,009	0,206	FALSE
-0,114	0,304	-0,004	0,010	0,151	FALSE
0,032	0,299	0,002	0,011	0,061	FALSE
-0,124	0,296	-0,003	0,008	0,160	FALSE
-0,231	0,279	-0,007	0,008	0,405	FALSE
-0,087	0,301	-0,003	0,011	0,085	FALSE
0,026	0,297	0,002	0,010	0,061	FALSE
0,012	0,311	0,001	0,010	0,038	FALSE
0,021	0,301	0,001	0,009	0,049	FALSE
0,029	0,296	0,001	0,007	0,063	FALSE
0,041	0,316	0,001	0,010	0,055	FALSE
0,045	0,308	0,002	0,010	0,065	FALSE
-0,063	0,305	-0,001	0,012	0,043	FALSE
-0,079	0,305	-0,002	0,012	0,065	FALSE
0,089	0,306	0,003	0,011	0,108	FALSE
0,064	0,311	0,003	0,013	0,075	FALSE
0,119	0,310	0,003	0,008	0,161	FALSE
0,123	0,315	0,002	0,006	0,127	FALSE
-0,110	0,301	-0,004	0,009	0,158	FALSE
-0,035	0,323	-0,001	0,009	0,050	FALSE
-0,170	0,297	-0,005	0,008	0,247	FALSE
-0,052	0,311	-0,001	0,007	0,036	FALSE
-0,125	0,313	-0,003	0,007	0,192	FALSE
-0,042	0,299	-0,002	0,012	0,063	FALSE
-0,046	0,289	-0,002	0,012	0,057	FALSE
-0,061	0,295	-0,003	0,013	0,084	FALSE

0,076	0,308	0,003	0,011	0,120	FALSE
0,050	0,300	0,002	0,010	0,070	FALSE
0,026	0,301	0,001	0,012	0,034	FALSE
0,102	0,312	0,002	0,007	0,122	FALSE
0,056	0,320	0,001	0,007	0,056	FALSE
-0,182	0,298	-0,005	0,008	0,230	FALSE
-0,009	0,312	-0,001	0,007	0,030	FALSE
-0,033	0,300	-0,002	0,013	0,058	FALSE
-0,201	0,301	-0,005	0,008	0,323	FALSE
-0,175	0,307	-0,004	0,007	0,267	FALSE
0,090	0,314	0,002	0,009	0,088	FALSE
0,118	0,320	0,003	0,009	0,124	FALSE
0,003	0,311	0,000	0,009	0,008	FALSE
-0,072	0,317	-0,002	0,012	0,075	FALSE
-0,081	0,308	-0,002	0,007	0,118	FALSE
-0,060	0,300	-0,002	0,011	0,087	FALSE
0,057	0,306	0,001	0,007	0,063	FALSE
-0,005	0,313	0,000	0,007	0,004	FALSE
0,007	0,307	0,000	0,009	0,006	FALSE
0,064	0,311	0,001	0,006	0,082	FALSE
-0,083	0,308	-0,003	0,011	0,098	FALSE
-0,019	0,308	0,000	0,008	0,013	FALSE
-0,024	0,310	-0,001	0,007	0,030	FALSE
0,025	0,297	0,001	0,009	0,036	FALSE
-0,015	0,294	-0,001	0,006	0,046	FALSE
0,066	0,290	0,002	0,008	0,081	FALSE
0,051	0,303	0,002	0,010	0,085	FALSE
-0,073	0,300	-0,003	0,012	0,083	FALSE
0,117	0,292	0,002	0,007	0,133	FALSE
0,094	0,300	0,003	0,008	0,167	FALSE
-0,063	0,308	-0,001	0,008	0,069	FALSE
-0,011	0,313	0,000	0,006	0,004	FALSE
-0,024	0,295	-0,001	0,010	0,048	FALSE
0,008	0,317	0,000	0,008	0,020	FALSE
-0,084	0,309	-0,003	0,008	0,146	FALSE
0,111	0,304	0,005	0,012	0,154	FALSE
-0,036	0,312	-0,001	0,008	0,052	FALSE
0,007	0,320	0,000	0,009	0,003	FALSE
0,136	0,320	0,004	0,011	0,163	FALSE
0,081	0,317	0,003	0,012	0,092	FALSE
-0,021	0,310	-0,001	0,008	0,052	FALSE
0,045	0,308	0,002	0,012	0,045	FALSE
-0,036	0,301	-0,001	0,008	0,045	FALSE
-0,069	0,310	-0,002	0,008	0,086	FALSE
0,099	0,306	0,003	0,007	0,146	FALSE
0,065	0,306	0,001	0,009	0,044	FALSE
-0,067	0,301	-0,001	0,008	0,062	FALSE
0,081	0,297	0,003	0,012	0,083	FALSE
-0,099	0,302	-0,003	0,010	0,126	FALSE
-0,096	0,305	-0,003	0,010	0,132	FALSE
0,041	0,311	0,002	0,009	0,070	FALSE
0,080	0,302	0,003	0,011	0,112	FALSE
0,093	0,303	0,002	0,007	0,130	FALSE

-0,036	0,299	-0,003	0,012	0,081	FALSE
-0,076	0,298	-0,002	0,008	0,106	FALSE
0,029	0,310	0,001	0,013	0,024	FALSE
0,062	0,305	0,003	0,012	0,091	FALSE
0,035	0,320	0,001	0,010	0,053	FALSE
-0,008	0,316	0,001	0,013	0,017	FALSE
0,014	0,310	0,000	0,007	0,011	FALSE
0,086	0,316	0,003	0,012	0,097	FALSE
0,119	0,293	0,006	0,012	0,220	FALSE
0,039	0,307	0,000	0,012	0,004	FALSE
0,030	0,304	0,002	0,011	0,056	FALSE
-0,145	0,301	-0,005	0,012	0,172	FALSE
-0,032	0,309	-0,001	0,010	0,033	FALSE
0,095	0,312	0,003	0,010	0,126	FALSE
-0,002	0,306	0,000	0,008	0,021	FALSE
0,001	0,301	0,000	0,007	0,023	FALSE
0,049	0,321	0,001	0,008	0,046	FALSE
0,029	0,294	0,001	0,013	0,028	FALSE
-0,031	0,311	-0,001	0,009	0,023	FALSE
0,120	0,301	0,004	0,012	0,136	FALSE
-0,010	0,315	0,000	0,008	0,007	FALSE
-0,009	0,317	0,000	0,010	0,004	FALSE
0,029	0,314	0,002	0,012	0,052	FALSE
-0,030	0,289	0,000	0,007	0,005	FALSE
0,071	0,303	0,002	0,006	0,093	FALSE
-0,075	0,295	-0,002	0,008	0,106	FALSE
-0,065	0,297	-0,002	0,007	0,090	FALSE
0,024	0,306	0,001	0,008	0,059	FALSE
0,014	0,315	0,000	0,007	0,009	FALSE
0,039	0,306	0,002	0,012	0,047	FALSE
0,058	0,311	0,002	0,013	0,064	FALSE
0,038	0,307	0,002	0,012	0,048	FALSE
0,041	0,315	0,002	0,013	0,051	FALSE
0,032	0,294	0,001	0,006	0,062	FALSE
-0,010	0,298	0,000	0,008	0,008	FALSE
0,023	0,306	0,000	0,007	0,007	FALSE
0,038	0,318	0,000	0,007	0,023	FALSE
0,115	0,312	0,006	0,013	0,191	FALSE
-0,016	0,298	0,000	0,008	0,018	FALSE
0,122	0,297	0,007	0,012	0,226	FALSE
0,022	0,303	0,000	0,007	0,015	FALSE
0,055	0,313	0,002	0,009	0,094	FALSE
0,122	0,297	0,006	0,012	0,194	FALSE
0,175	0,298	0,007	0,012	0,235	FALSE
0,044	0,313	0,001	0,010	0,055	FALSE
0,055	0,321	0,002	0,009	0,075	FALSE
0,127	0,300	0,003	0,007	0,175	FALSE
0,170	0,299	0,003	0,006	0,229	FALSE
0,071	0,299	0,002	0,008	0,095	FALSE
0,150	0,293	0,005	0,010	0,197	FALSE
0,135	0,302	0,004	0,009	0,177	FALSE
-0,006	0,317	0,000	0,006	0,020	FALSE
0,027	0,300	0,001	0,009	0,043	FALSE

-0,062	0,321	-0,002	0,009	0,105	FALSE
-0,068	0,305	-0,002	0,009	0,099	FALSE
0,082	0,306	0,001	0,007	0,073	FALSE
0,044	0,290	0,001	0,007	0,032	FALSE
-0,067	0,310	-0,002	0,008	0,092	FALSE
-0,060	0,302	-0,002	0,009	0,101	FALSE
0,051	0,292	0,001	0,006	0,048	FALSE
-0,013	0,309	-0,002	0,012	0,047	FALSE
0,021	0,307	0,001	0,009	0,038	FALSE
-0,040	0,310	-0,002	0,009	0,065	FALSE
-0,037	0,306	-0,001	0,010	0,036	FALSE
-0,021	0,303	0,000	0,011	0,011	FALSE
-0,042	0,288	-0,001	0,008	0,048	FALSE
-0,077	0,311	-0,001	0,007	0,084	FALSE
-0,009	0,300	-0,001	0,007	0,027	FALSE
0,013	0,313	0,001	0,013	0,018	FALSE
0,118	0,305	0,003	0,007	0,198	FALSE
0,068	0,305	0,002	0,009	0,088	FALSE
0,017	0,314	0,001	0,009	0,022	FALSE
-0,074	0,299	-0,003	0,012	0,091	FALSE
0,214	0,288	0,006	0,009	0,320	FALSE
0,061	0,301	0,002	0,012	0,076	FALSE
0,020	0,295	0,001	0,013	0,036	FALSE
0,012	0,304	0,001	0,009	0,036	FALSE
-0,007	0,304	0,000	0,010	0,011	FALSE
0,001	0,304	0,000	0,010	0,012	FALSE
-0,087	0,307	-0,002	0,008	0,098	FALSE
0,063	0,308	0,002	0,009	0,075	FALSE
0,031	0,307	0,000	0,012	0,011	FALSE
-0,035	0,308	-0,001	0,011	0,032	FALSE
0,098	0,314	0,004	0,012	0,119	FALSE
0,016	0,321	0,001	0,010	0,022	FALSE
-0,205	0,309	-0,008	0,011	0,343	FALSE
-0,221	0,303	-0,008	0,010	0,374	FALSE
-0,224	0,304	-0,008	0,010	0,364	FALSE
-0,225	0,300	-0,008	0,010	0,371	FALSE
0,059	0,293	0,002	0,007	0,095	FALSE
-0,168	0,294	-0,007	0,011	0,282	FALSE
-0,075	0,305	-0,004	0,012	0,142	FALSE
0,105	0,315	0,003	0,009	0,123	FALSE
0,064	0,326	0,002	0,012	0,063	FALSE
0,110	0,285	0,004	0,010	0,154	FALSE
-0,082	0,298	-0,004	0,011	0,130	FALSE
-0,053	0,298	-0,003	0,011	0,091	FALSE
-0,014	0,306	0,000	0,013	0,013	FALSE
0,041	0,310	0,002	0,013	0,048	FALSE
0,040	0,304	0,001	0,007	0,066	FALSE
-0,093	0,312	-0,002	0,009	0,103	FALSE
0,013	0,320	0,001	0,013	0,032	FALSE
0,045	0,327	0,002	0,010	0,058	FALSE
-0,066	0,315	-0,001	0,008	0,070	FALSE
-0,032	0,299	-0,001	0,009	0,048	FALSE
-0,099	0,303	-0,003	0,007	0,157	FALSE

-0,076	0,309	-0,002	0,007	0,115	FALSE
-0,040	0,303	-0,002	0,008	0,074	FALSE
-0,069	0,294	-0,002	0,007	0,119	FALSE
-0,089	0,312	-0,003	0,009	0,109	FALSE
0,039	0,322	0,001	0,009	0,031	FALSE
-0,069	0,296	-0,002	0,006	0,103	FALSE
0,050	0,307	0,002	0,007	0,109	FALSE
-0,086	0,306	-0,003	0,010	0,135	FALSE
0,029	0,313	0,002	0,012	0,061	FALSE
0,042	0,300	0,002	0,012	0,069	FALSE
0,018	0,297	0,000	0,007	0,001	FALSE
0,026	0,304	0,000	0,007	0,007	FALSE
0,036	0,303	0,002	0,012	0,055	FALSE
-0,044	0,307	-0,001	0,007	0,053	FALSE
0,089	0,303	0,003	0,012	0,110	FALSE
0,024	0,307	0,000	0,007	0,021	FALSE
-0,058	0,316	-0,003	0,013	0,088	FALSE
0,030	0,298	0,000	0,006	0,022	FALSE
-0,039	0,304	0,000	0,009	0,017	FALSE
0,161	0,292	0,004	0,008	0,218	FALSE
0,070	0,302	0,002	0,009	0,070	FALSE
-0,147	0,300	-0,005	0,009	0,242	FALSE
-0,049	0,320	-0,001	0,006	0,041	FALSE
-0,040	0,302	-0,001	0,012	0,040	FALSE
-0,011	0,307	0,000	0,007	0,005	FALSE
0,054	0,303	0,001	0,013	0,038	FALSE
-0,107	0,315	-0,002	0,007	0,117	FALSE
-0,065	0,303	-0,001	0,006	0,059	FALSE
0,108	0,302	0,003	0,008	0,153	FALSE
0,114	0,319	0,003	0,007	0,166	FALSE
-0,035	0,295	0,000	0,008	0,015	FALSE
-0,049	0,308	-0,001	0,008	0,052	FALSE
-0,113	0,287	-0,002	0,007	0,131	FALSE
0,048	0,307	0,002	0,007	0,078	FALSE
0,121	0,302	0,002	0,007	0,127	FALSE
-0,087	0,307	-0,003	0,010	0,131	FALSE
-0,039	0,319	-0,002	0,013	0,058	FALSE
0,098	0,297	0,003	0,007	0,160	FALSE
0,010	0,300	0,000	0,012	0,005	FALSE
0,047	0,302	0,002	0,010	0,083	FALSE
0,002	0,309	0,000	0,007	0,021	FALSE
-0,091	0,299	-0,004	0,012	0,114	FALSE
0,061	0,329	0,002	0,008	0,081	FALSE
-0,106	0,317	-0,003	0,008	0,152	FALSE
0,015	0,313	0,000	0,007	0,010	FALSE
-0,017	0,314	-0,001	0,011	0,017	FALSE
0,042	0,310	0,000	0,007	0,024	FALSE
0,015	0,322	0,000	0,009	0,014	FALSE
-0,013	0,319	-0,001	0,009	0,022	FALSE
-0,170	0,308	-0,005	0,009	0,247	FALSE
-0,021	0,299	0,000	0,008	0,020	FALSE
0,124	0,316	0,005	0,011	0,171	FALSE
-0,018	0,294	0,000	0,007	0,013	FALSE

0,033	0,309	0,002	0,012	0,052	FALSE
0,043	0,299	0,000	0,010	0,006	FALSE
0,050	0,303	0,000	0,010	0,013	FALSE
0,039	0,300	0,002	0,011	0,077	FALSE
0,011	0,312	0,000	0,009	0,001	FALSE
-0,134	0,322	-0,004	0,008	0,191	FALSE
-0,004	0,317	0,001	0,012	0,020	FALSE
-0,095	0,311	-0,002	0,007	0,116	FALSE
-0,001	0,311	0,001	0,008	0,024	FALSE
-0,018	0,298	-0,001	0,007	0,036	FALSE
0,130	0,319	0,003	0,008	0,178	FALSE
0,176	0,311	0,007	0,013	0,231	FALSE
-0,019	0,314	-0,001	0,010	0,052	FALSE
-0,006	0,319	-0,001	0,009	0,030	FALSE
0,134	0,308	0,003	0,007	0,150	FALSE
0,066	0,306	0,001	0,008	0,057	FALSE
0,104	0,310	0,003	0,008	0,121	FALSE
0,104	0,311	0,003	0,009	0,110	FALSE
-0,047	0,298	-0,003	0,012	0,095	FALSE
-0,119	0,289	-0,003	0,007	0,161	FALSE
0,065	0,307	0,002	0,007	0,090	FALSE
-0,008	0,294	-0,001	0,012	0,018	FALSE
-0,002	0,298	0,000	0,009	0,001	FALSE
-0,008	0,312	0,000	0,007	0,025	FALSE
0,097	0,303	0,002	0,009	0,099	FALSE
-0,084	0,310	-0,003	0,010	0,103	FALSE
-0,056	0,300	-0,002	0,010	0,070	FALSE
0,080	0,296	0,002	0,010	0,090	FALSE
-0,209	0,304	-0,005	0,007	0,308	FALSE
0,092	0,312	0,003	0,008	0,138	FALSE
-0,026	0,315	-0,001	0,007	0,031	FALSE
-0,006	0,303	0,000	0,006	0,000	FALSE
-0,009	0,314	0,000	0,010	0,003	FALSE
-0,064	0,305	-0,004	0,013	0,125	FALSE
-0,007	0,313	0,000	0,011	0,010	FALSE
-0,037	0,312	-0,001	0,010	0,033	FALSE
-0,003	0,304	0,000	0,009	0,003	FALSE
0,096	0,314	0,004	0,013	0,117	FALSE
0,162	0,293	0,005	0,011	0,209	FALSE
-0,027	0,314	-0,001	0,012	0,035	FALSE
-0,098	0,306	-0,004	0,011	0,124	FALSE
0,072	0,313	0,002	0,007	0,111	FALSE
0,053	0,312	0,001	0,009	0,048	FALSE
0,040	0,317	0,001	0,008	0,037	FALSE
0,036	0,310	0,001	0,008	0,045	FALSE
0,105	0,296	0,005	0,012	0,161	FALSE
0,101	0,300	0,004	0,010	0,148	FALSE
0,003	0,306	0,000	0,009	0,001	FALSE
0,101	0,295	0,004	0,011	0,161	FALSE
0,023	0,322	0,001	0,007	0,051	FALSE
0,005	0,286	0,000	0,006	0,021	FALSE
0,012	0,303	0,001	0,006	0,034	FALSE
0,016	0,304	0,001	0,006	0,035	FALSE

0,090	0,307	0,003	0,009	0,148	FALSE
0,096	0,313	0,004	0,009	0,159	FALSE
-0,051	0,290	-0,001	0,006	0,046	FALSE
0,083	0,291	0,002	0,008	0,093	FALSE
0,037	0,302	0,001	0,009	0,032	FALSE
0,057	0,311	0,002	0,009	0,065	FALSE
0,046	0,299	0,001	0,008	0,042	FALSE
0,045	0,305	0,001	0,009	0,040	FALSE
0,063	0,297	0,001	0,008	0,067	FALSE
0,084	0,315	0,004	0,013	0,107	FALSE
-0,105	0,301	-0,005	0,012	0,163	FALSE
0,049	0,302	0,002	0,012	0,067	FALSE
-0,035	0,299	-0,001	0,007	0,025	FALSE
-0,022	0,299	-0,001	0,010	0,041	FALSE
-0,014	0,301	0,000	0,012	0,003	FALSE
-0,050	0,315	-0,002	0,013	0,064	FALSE
0,052	0,311	0,001	0,010	0,051	FALSE
0,067	0,299	0,002	0,006	0,103	FALSE
0,084	0,304	0,002	0,006	0,128	FALSE
0,147	0,293	0,005	0,008	0,240	FALSE
0,126	0,307	0,004	0,009	0,196	FALSE
0,082	0,306	0,002	0,010	0,084	FALSE
0,059	0,298	0,002	0,007	0,093	FALSE
0,129	0,296	0,005	0,010	0,188	FALSE
0,087	0,326	0,002	0,008	0,087	FALSE
0,093	0,310	0,002	0,009	0,091	FALSE
-0,028	0,303	-0,001	0,007	0,058	FALSE
0,104	0,307	0,002	0,006	0,134	FALSE
0,039	0,309	0,002	0,012	0,058	FALSE
0,095	0,302	0,002	0,007	0,107	FALSE
0,044	0,316	0,001	0,007	0,047	FALSE
0,004	0,319	0,000	0,012	0,002	FALSE
0,009	0,317	0,001	0,012	0,026	FALSE
-0,167	0,285	-0,007	0,011	0,268	FALSE
0,144	0,315	0,003	0,007	0,195	FALSE
-0,005	0,321	0,000	0,010	0,018	FALSE
-0,055	0,313	-0,002	0,009	0,060	FALSE
-0,039	0,300	-0,001	0,007	0,067	FALSE
0,095	0,311	0,003	0,011	0,104	FALSE
0,053	0,322	0,001	0,011	0,050	FALSE
-0,002	0,300	0,000	0,006	0,014	FALSE
-0,030	0,303	-0,001	0,007	0,038	FALSE
0,099	0,302	0,002	0,006	0,122	FALSE
0,004	0,321	0,000	0,007	0,025	FALSE
0,036	0,311	0,002	0,008	0,075	FALSE
-0,011	0,313	0,000	0,007	0,019	FALSE
-0,031	0,307	-0,001	0,008	0,040	FALSE
-0,018	0,309	0,000	0,011	0,010	FALSE
-0,093	0,300	-0,004	0,012	0,118	FALSE
0,005	0,311	0,000	0,007	0,001	FALSE
0,070	0,315	0,002	0,013	0,067	FALSE
0,060	0,301	0,002	0,012	0,070	FALSE
-0,105	0,312	-0,003	0,007	0,140	FALSE

0,030	0,310	0,001	0,012	0,027	FALSE
-0,116	0,320	-0,004	0,012	0,147	FALSE
0,039	0,311	0,001	0,010	0,048	FALSE
0,040	0,321	0,002	0,010	0,056	FALSE
-0,072	0,300	-0,003	0,011	0,118	FALSE
0,016	0,308	0,001	0,010	0,029	FALSE
-0,094	0,318	-0,004	0,012	0,122	FALSE
-0,118	0,316	-0,004	0,011	0,158	FALSE
0,126	0,311	0,005	0,013	0,168	FALSE
-0,100	0,315	-0,003	0,008	0,134	FALSE
0,004	0,307	0,000	0,009	0,016	FALSE
0,046	0,303	0,003	0,012	0,085	FALSE
0,002	0,299	0,000	0,007	0,014	FALSE
0,073	0,292	0,003	0,009	0,110	FALSE
-0,119	0,310	-0,003	0,008	0,167	FALSE
0,040	0,323	0,001	0,013	0,040	FALSE
0,028	0,313	0,001	0,012	0,020	FALSE
-0,013	0,309	0,000	0,012	0,009	FALSE
-0,015	0,307	-0,001	0,013	0,030	FALSE
0,025	0,300	0,000	0,011	0,008	FALSE
0,134	0,316	0,003	0,007	0,191	FALSE
0,001	0,295	-0,001	0,012	0,017	FALSE
0,026	0,312	0,001	0,012	0,035	FALSE
-0,023	0,322	0,000	0,008	0,015	FALSE
-0,029	0,305	-0,001	0,007	0,033	FALSE
0,012	0,298	0,000	0,012	0,004	FALSE
-0,074	0,310	-0,003	0,013	0,081	FALSE
0,066	0,311	0,002	0,011	0,068	FALSE
0,077	0,293	0,003	0,011	0,090	FALSE
0,054	0,296	0,002	0,009	0,099	FALSE
-0,018	0,310	0,000	0,007	0,022	FALSE
-0,018	0,293	0,000	0,007	0,014	FALSE
-0,063	0,294	-0,002	0,008	0,104	FALSE
0,000	0,313	0,000	0,012	0,000	FALSE
0,038	0,324	0,001	0,012	0,034	FALSE
-0,031	0,312	-0,001	0,012	0,040	FALSE
0,000	0,315	0,000	0,009	0,011	FALSE
-0,038	0,308	-0,002	0,012	0,068	FALSE
0,081	0,307	0,002	0,006	0,101	FALSE
-0,048	0,314	-0,002	0,010	0,070	FALSE
-0,210	0,301	-0,005	0,008	0,317	FALSE
0,038	0,289	0,001	0,010	0,045	FALSE
0,032	0,315	0,003	0,013	0,084	FALSE
0,057	0,301	0,001	0,010	0,029	FALSE
-0,053	0,313	-0,002	0,008	0,079	FALSE
0,009	0,304	0,000	0,011	0,013	FALSE
-0,011	0,311	0,000	0,010	0,014	FALSE
-0,015	0,305	-0,001	0,012	0,017	FALSE
-0,053	0,302	-0,002	0,007	0,084	FALSE
-0,154	0,315	-0,004	0,008	0,206	FALSE
-0,003	0,311	-0,001	0,011	0,045	FALSE
-0,123	0,310	-0,005	0,013	0,146	FALSE
-0,103	0,303	-0,004	0,013	0,124	FALSE

-0,005	0,326	0,000	0,013	0,005	FALSE
0,006	0,318	0,001	0,013	0,016	FALSE
-0,011	0,326	0,000	0,014	0,003	FALSE
0,102	0,303	0,002	0,009	0,099	FALSE
0,048	0,319	0,002	0,011	0,057	FALSE
-0,065	0,317	-0,002	0,010	0,074	FALSE
0,017	0,306	0,000	0,008	0,015	FALSE
-0,038	0,311	-0,001	0,009	0,058	FALSE
0,051	0,288	0,001	0,006	0,062	FALSE
-0,117	0,313	-0,003	0,008	0,161	FALSE
-0,038	0,314	-0,002	0,012	0,046	FALSE
0,034	0,324	0,001	0,011	0,043	FALSE
0,092	0,312	0,003	0,009	0,108	FALSE
0,057	0,308	0,002	0,010	0,063	FALSE
0,107	0,305	0,003	0,009	0,134	FALSE
0,041	0,309	0,001	0,007	0,065	FALSE
0,068	0,318	0,002	0,009	0,086	FALSE
0,126	0,299	0,005	0,011	0,183	FALSE
0,122	0,316	0,006	0,013	0,179	FALSE
0,055	0,313	0,002	0,007	0,087	FALSE
0,154	0,313	0,007	0,013	0,223	FALSE
0,013	0,313	0,001	0,013	0,027	FALSE
-0,014	0,314	0,000	0,013	0,004	FALSE
0,034	0,322	0,001	0,007	0,056	FALSE
0,129	0,307	0,004	0,010	0,170	FALSE
0,051	0,317	0,001	0,010	0,054	FALSE
-0,079	0,304	-0,003	0,011	0,101	FALSE
0,059	0,303	0,002	0,010	0,060	FALSE
-0,024	0,286	-0,001	0,009	0,041	FALSE
-0,100	0,303	-0,003	0,009	0,155	FALSE
-0,006	0,307	0,000	0,007	0,009	FALSE
0,026	0,315	0,001	0,007	0,038	FALSE
0,053	0,311	0,002	0,009	0,070	FALSE
-0,024	0,299	-0,001	0,006	0,033	FALSE
-0,015	0,319	0,000	0,007	0,023	FALSE
0,059	0,307	0,002	0,009	0,069	FALSE
-0,010	0,302	0,000	0,007	0,012	FALSE
0,128	0,318	0,003	0,008	0,138	FALSE
0,164	0,304	0,005	0,010	0,229	FALSE
0,128	0,304	0,004	0,009	0,163	FALSE
-0,096	0,294	-0,004	0,013	0,117	FALSE
-0,112	0,302	-0,004	0,010	0,157	FALSE
0,091	0,316	0,002	0,007	0,118	FALSE
-0,050	0,309	-0,001	0,011	0,048	FALSE
-0,113	0,314	-0,005	0,012	0,160	FALSE
-0,014	0,297	-0,001	0,011	0,033	FALSE
-0,002	0,307	0,000	0,008	0,000	FALSE
0,128	0,299	0,004	0,009	0,186	FALSE
0,019	0,311	0,000	0,007	0,003	FALSE
-0,154	0,305	-0,003	0,006	0,179	FALSE
-0,022	0,318	-0,001	0,013	0,019	FALSE
-0,111	0,316	-0,004	0,008	0,184	FALSE
-0,001	0,308	-0,001	0,009	0,040	FALSE

-0,022	0,310	-0,001	0,008	0,054	FALSE
-0,009	0,318	-0,001	0,009	0,032	FALSE
0,018	0,298	0,000	0,013	0,011	FALSE
-0,057	0,304	-0,002	0,007	0,080	FALSE
0,163	0,297	0,004	0,007	0,212	FALSE
0,038	0,298	0,002	0,011	0,075	FALSE
0,123	0,309	0,002	0,007	0,142	FALSE
-0,057	0,315	-0,001	0,008	0,064	FALSE
0,051	0,317	0,002	0,010	0,058	FALSE
0,087	0,311	0,003	0,010	0,102	FALSE
0,101	0,309	0,003	0,009	0,119	FALSE
-0,031	0,307	-0,001	0,007	0,049	FALSE
0,074	0,313	0,002	0,009	0,082	FALSE
0,020	0,311	0,001	0,012	0,035	FALSE
-0,026	0,312	-0,001	0,008	0,028	FALSE
-0,019	0,320	-0,001	0,013	0,024	FALSE
0,054	0,292	0,001	0,007	0,069	FALSE
-0,005	0,312	0,000	0,012	0,011	FALSE
-0,045	0,313	-0,002	0,010	0,059	FALSE
0,035	0,302	0,001	0,007	0,073	FALSE
-0,050	0,316	-0,002	0,013	0,072	FALSE
0,063	0,317	0,001	0,009	0,060	FALSE
0,104	0,298	0,002	0,008	0,108	FALSE
-0,077	0,306	-0,002	0,008	0,092	FALSE
-0,027	0,302	0,000	0,013	0,013	FALSE
0,151	0,298	0,004	0,009	0,200	FALSE
0,079	0,300	0,003	0,012	0,115	FALSE
-0,083	0,312	-0,002	0,007	0,120	FALSE
-0,073	0,295	-0,003	0,010	0,101	FALSE
0,003	0,297	0,000	0,013	0,009	FALSE
0,044	0,299	0,001	0,013	0,032	FALSE
-0,005	0,309	-0,001	0,011	0,018	FALSE
0,110	0,305	0,003	0,008	0,158	FALSE
-0,049	0,311	-0,001	0,007	0,067	FALSE
-0,211	0,289	-0,009	0,013	0,338	FALSE
-0,226	0,294	-0,009	0,012	0,356	FALSE
0,180	0,294	0,007	0,012	0,266	FALSE
0,175	0,309	0,007	0,012	0,233	FALSE
0,140	0,308	0,005	0,012	0,185	FALSE
-0,016	0,299	-0,001	0,011	0,025	FALSE
0,096	0,312	0,003	0,013	0,107	FALSE
0,037	0,296	0,001	0,013	0,033	FALSE
0,050	0,321	0,002	0,010	0,062	FALSE
-0,066	0,322	-0,002	0,010	0,087	FALSE
-0,091	0,301	-0,004	0,012	0,148	FALSE
-0,080	0,309	-0,004	0,012	0,123	FALSE
0,063	0,317	0,001	0,006	0,080	FALSE
-0,081	0,317	-0,002	0,008	0,076	FALSE
0,088	0,311	0,002	0,007	0,123	FALSE
-0,058	0,309	-0,002	0,012	0,056	FALSE
-0,029	0,296	0,000	0,007	0,022	FALSE
0,105	0,308	0,003	0,009	0,131	FALSE
0,175	0,313	0,005	0,008	0,245	FALSE

-0,007	0,307	0,001	0,009	0,035	FALSE
-0,149	0,310	-0,005	0,011	0,212	FALSE
0,009	0,314	0,001	0,010	0,041	FALSE
0,114	0,310	0,003	0,009	0,144	FALSE
0,023	0,315	0,001	0,009	0,043	FALSE
0,100	0,306	0,003	0,009	0,131	FALSE
0,065	0,318	0,001	0,006	0,059	FALSE
-0,109	0,315	-0,006	0,013	0,177	FALSE
0,083	0,296	0,001	0,006	0,081	FALSE
0,037	0,311	0,001	0,007	0,042	FALSE
-0,109	0,301	-0,002	0,006	0,150	FALSE
0,101	0,305	0,002	0,006	0,145	FALSE
0,127	0,298	0,003	0,008	0,154	FALSE
-0,059	0,307	-0,002	0,012	0,068	FALSE
0,069	0,299	0,002	0,008	0,124	FALSE
-0,096	0,319	-0,003	0,008	0,135	FALSE
0,070	0,312	0,002	0,010	0,090	FALSE
0,081	0,306	0,003	0,009	0,134	FALSE
0,035	0,303	0,001	0,007	0,036	FALSE
0,036	0,306	0,001	0,007	0,029	FALSE
0,031	0,308	0,001	0,008	0,040	FALSE
0,053	0,296	0,001	0,008	0,057	FALSE
0,060	0,309	0,001	0,006	0,051	FALSE
0,062	0,308	0,002	0,009	0,069	FALSE
-0,072	0,308	-0,001	0,008	0,066	FALSE
-0,101	0,306	-0,003	0,009	0,150	FALSE
0,067	0,301	0,002	0,008	0,107	FALSE
-0,080	0,312	-0,003	0,010	0,104	FALSE
-0,058	0,306	-0,001	0,006	0,084	FALSE
0,117	0,307	0,004	0,011	0,151	FALSE
0,168	0,294	0,006	0,010	0,242	FALSE
0,107	0,304	0,002	0,007	0,137	FALSE
-0,020	0,296	-0,001	0,010	0,039	FALSE
-0,040	0,294	-0,002	0,009	0,067	FALSE
0,160	0,299	0,006	0,010	0,271	FALSE
0,046	0,309	0,001	0,009	0,060	FALSE
0,081	0,298	0,004	0,013	0,126	FALSE
0,136	0,283	0,006	0,012	0,218	FALSE
-0,018	0,310	-0,001	0,011	0,018	FALSE
-0,047	0,301	-0,002	0,013	0,061	FALSE
-0,071	0,306	-0,004	0,011	0,126	FALSE
0,010	0,321	0,000	0,013	0,006	FALSE
-0,044	0,304	-0,002	0,011	0,064	FALSE
-0,001	0,323	-0,001	0,009	0,027	FALSE
0,070	0,302	0,002	0,009	0,064	FALSE
-0,046	0,304	-0,001	0,012	0,045	FALSE
0,124	0,296	0,005	0,012	0,182	FALSE
-0,127	0,310	-0,007	0,012	0,239	FALSE
0,104	0,320	0,004	0,011	0,155	FALSE
-0,126	0,300	-0,003	0,008	0,152	FALSE
0,031	0,305	0,001	0,009	0,041	TRUE
-0,030	0,300	0,000	0,006	0,027	FALSE
-0,041	0,311	0,000	0,007	0,021	FALSE

-0,058	0,305	-0,002	0,012	0,063	FALSE
-0,010	0,300	-0,001	0,013	0,015	FALSE
-0,058	0,295	-0,001	0,008	0,061	FALSE
-0,003	0,319	0,000	0,011	0,014	FALSE
-0,086	0,289	-0,003	0,011	0,116	FALSE
0,091	0,298	0,004	0,012	0,120	FALSE
0,088	0,292	0,004	0,011	0,125	FALSE
-0,085	0,295	-0,004	0,010	0,166	FALSE
-0,038	0,306	-0,001	0,009	0,025	FALSE
0,033	0,318	0,001	0,010	0,035	FALSE
0,072	0,308	0,003	0,011	0,109	FALSE
-0,020	0,307	-0,001	0,013	0,036	FALSE
-0,004	0,312	0,000	0,008	0,016	FALSE
-0,069	0,299	-0,002	0,007	0,111	FALSE
0,106	0,315	0,004	0,010	0,138	FALSE
-0,050	0,310	-0,002	0,012	0,076	FALSE
0,094	0,312	0,004	0,013	0,111	FALSE
-0,028	0,301	0,000	0,007	0,014	FALSE
-0,059	0,300	-0,001	0,007	0,056	FALSE
0,113	0,313	0,004	0,011	0,153	FALSE
0,074	0,315	0,003	0,011	0,095	FALSE
-0,156	0,297	-0,005	0,011	0,192	FALSE
-0,020	0,296	-0,001	0,007	0,032	FALSE
0,016	0,310	0,000	0,009	0,009	FALSE
-0,111	0,301	-0,005	0,012	0,168	FALSE
-0,007	0,293	0,000	0,007	0,001	FALSE
-0,044	0,289	-0,001	0,009	0,055	FALSE
-0,011	0,310	0,000	0,010	0,008	FALSE
-0,006	0,311	0,000	0,013	0,009	FALSE
-0,114	0,294	-0,003	0,008	0,148	FALSE
0,021	0,292	0,002	0,012	0,054	FALSE
-0,093	0,294	-0,002	0,007	0,112	FALSE
0,103	0,304	0,004	0,013	0,136	FALSE
0,013	0,304	0,001	0,009	0,044	FALSE
-0,112	0,307	-0,002	0,007	0,123	FALSE
-0,005	0,315	0,001	0,012	0,021	FALSE
0,008	0,314	0,001	0,012	0,017	FALSE
0,087	0,295	0,002	0,006	0,147	FALSE
-0,077	0,310	-0,002	0,009	0,094	FALSE
-0,090	0,304	-0,005	0,013	0,160	FALSE
-0,060	0,306	-0,002	0,008	0,084	FALSE
-0,041	0,308	-0,001	0,007	0,052	FALSE
-0,049	0,306	-0,001	0,008	0,053	FALSE
-0,030	0,314	-0,001	0,009	0,031	FALSE
-0,027	0,324	0,000	0,008	0,022	FALSE
0,086	0,321	0,002	0,007	0,115	FALSE
0,082	0,300	0,003	0,008	0,132	FALSE
-0,147	0,299	-0,005	0,010	0,218	FALSE
-0,074	0,294	-0,002	0,006	0,104	FALSE
0,045	0,309	0,001	0,012	0,020	FALSE
-0,057	0,297	-0,002	0,011	0,072	FALSE
0,057	0,301	0,002	0,009	0,067	FALSE
0,095	0,295	0,002	0,006	0,151	FALSE

0,009	0,301	0,000	0,010	0,006	FALSE
0,079	0,311	0,003	0,009	0,130	FALSE
-0,146	0,288	-0,004	0,008	0,208	FALSE
-0,025	0,316	0,000	0,009	0,001	FALSE
-0,016	0,311	-0,001	0,013	0,038	FALSE
-0,026	0,315	-0,001	0,012	0,036	FALSE
-0,062	0,304	-0,003	0,012	0,089	FALSE
-0,024	0,306	0,000	0,010	0,004	FALSE
-0,054	0,316	-0,002	0,012	0,072	FALSE
-0,024	0,311	-0,001	0,012	0,039	FALSE
-0,096	0,314	-0,004	0,013	0,119	FALSE
-0,130	0,309	-0,005	0,011	0,196	FALSE
-0,071	0,310	-0,002	0,010	0,063	FALSE
-0,087	0,304	-0,004	0,011	0,126	FALSE
-0,086	0,303	-0,002	0,010	0,077	FALSE
-0,081	0,297	-0,003	0,009	0,119	FALSE
-0,008	0,319	0,000	0,008	0,002	FALSE
-0,009	0,294	0,001	0,012	0,036	FALSE
-0,063	0,302	-0,001	0,013	0,029	FALSE
-0,014	0,316	-0,001	0,011	0,018	FALSE
0,077	0,305	0,003	0,009	0,119	FALSE
-0,058	0,309	-0,001	0,008	0,073	FALSE
-0,032	0,308	-0,001	0,012	0,030	FALSE
0,014	0,314	0,001	0,013	0,026	FALSE
-0,061	0,303	-0,001	0,010	0,053	FALSE
-0,059	0,307	-0,002	0,008	0,100	FALSE
-0,048	0,313	-0,001	0,008	0,069	FALSE
0,017	0,308	0,001	0,007	0,055	FALSE
0,067	0,312	0,003	0,012	0,094	FALSE
0,019	0,303	0,001	0,012	0,021	FALSE
0,108	0,313	0,003	0,008	0,147	FALSE
0,113	0,308	0,003	0,008	0,163	FALSE
0,028	0,309	0,001	0,012	0,038	FALSE
0,000	0,316	0,000	0,013	0,003	FALSE
-0,086	0,290	-0,003	0,010	0,121	FALSE
-0,034	0,323	-0,001	0,007	0,038	FALSE
0,077	0,297	0,002	0,006	0,094	FALSE
-0,020	0,307	-0,001	0,008	0,037	FALSE
0,106	0,310	0,003	0,010	0,133	FALSE
0,045	0,325	0,002	0,012	0,047	FALSE
-0,077	0,303	-0,003	0,012	0,094	FALSE
-0,101	0,311	-0,003	0,011	0,117	FALSE
-0,005	0,311	0,000	0,010	0,009	FALSE
-0,006	0,304	-0,001	0,010	0,017	FALSE
-0,020	0,309	-0,001	0,013	0,032	FALSE
-0,037	0,294	-0,002	0,010	0,055	FALSE
0,127	0,300	0,003	0,009	0,149	FALSE
0,083	0,305	0,002	0,009	0,081	FALSE
-0,076	0,299	-0,004	0,012	0,123	FALSE
0,112	0,307	0,003	0,007	0,170	FALSE
0,074	0,303	0,002	0,007	0,129	FALSE
-0,070	0,311	-0,003	0,013	0,101	FALSE
0,002	0,312	0,000	0,007	0,015	FALSE

0,022	0,309	0,001	0,011	0,026	FALSE
-0,074	0,306	-0,001	0,006	0,077	FALSE
-0,023	0,302	0,000	0,008	0,007	FALSE
-0,080	0,307	-0,002	0,011	0,070	FALSE
-0,120	0,299	-0,005	0,011	0,176	FALSE
0,067	0,313	0,002	0,007	0,091	FALSE
-0,002	0,314	0,000	0,012	0,012	FALSE
-0,036	0,313	-0,001	0,013	0,028	FALSE
0,032	0,303	0,001	0,009	0,041	FALSE
0,059	0,309	0,001	0,007	0,065	FALSE
-0,045	0,297	-0,001	0,009	0,053	FALSE
-0,043	0,302	-0,002	0,012	0,064	FALSE
0,093	0,312	0,004	0,011	0,131	FALSE
0,068	0,323	0,001	0,007	0,051	FALSE
-0,156	0,298	-0,003	0,007	0,188	FALSE
0,011	0,290	0,000	0,009	0,014	FALSE
0,000	0,314	0,001	0,007	0,033	FALSE
0,059	0,295	0,002	0,012	0,073	FALSE
-0,060	0,300	-0,002	0,011	0,071	FALSE
0,089	0,299	0,002	0,007	0,123	FALSE
-0,097	0,311	-0,002	0,008	0,115	FALSE
0,048	0,301	0,003	0,010	0,095	FALSE
0,006	0,303	0,001	0,010	0,042	FALSE
-0,015	0,312	-0,001	0,007	0,028	FALSE
-0,050	0,307	-0,002	0,012	0,063	FALSE
0,095	0,289	0,002	0,007	0,138	FALSE
-0,029	0,292	-0,001	0,010	0,023	FALSE
-0,028	0,312	-0,001	0,011	0,021	FALSE
-0,046	0,313	-0,001	0,010	0,034	FALSE
-0,070	0,295	-0,002	0,010	0,079	FALSE
-0,019	0,295	-0,001	0,006	0,031	FALSE
-0,090	0,310	-0,003	0,011	0,110	FALSE
-0,093	0,307	-0,005	0,012	0,160	FALSE
-0,045	0,309	-0,001	0,012	0,046	FALSE
-0,134	0,307	-0,006	0,013	0,208	FALSE
-0,140	0,293	-0,004	0,008	0,179	FALSE
-0,084	0,297	-0,004	0,012	0,145	FALSE
0,117	0,296	0,005	0,012	0,196	FALSE
0,022	0,313	0,001	0,011	0,034	FALSE
-0,203	0,285	-0,009	0,012	0,331	FALSE
-0,039	0,306	-0,002	0,012	0,069	FALSE
-0,078	0,290	-0,002	0,007	0,104	FALSE
0,014	0,312	0,001	0,010	0,040	FALSE
0,150	0,308	0,005	0,009	0,210	FALSE
-0,017	0,306	0,000	0,007	0,022	FALSE
-0,157	0,311	-0,006	0,012	0,192	FALSE
-0,131	0,313	-0,003	0,009	0,157	FALSE
-0,059	0,335	-0,001	0,010	0,045	FALSE
0,108	0,306	0,004	0,011	0,167	FALSE
0,013	0,310	0,001	0,009	0,028	FALSE
0,018	0,302	0,001	0,008	0,041	FALSE
0,028	0,307	0,002	0,010	0,064	FALSE
0,102	0,296	0,002	0,008	0,116	FALSE

0,007	0,296	-0,001	0,011	0,032	FALSE
0,027	0,301	0,001	0,011	0,035	FALSE
-0,095	0,303	-0,003	0,009	0,118	FALSE
0,093	0,301	0,003	0,011	0,108	FALSE
0,004	0,310	0,001	0,011	0,028	FALSE
0,010	0,322	0,001	0,011	0,034	FALSE
0,017	0,303	0,000	0,010	0,001	FALSE
0,025	0,305	0,002	0,012	0,047	FALSE
0,046	0,307	0,002	0,009	0,071	FALSE
-0,114	0,299	-0,003	0,008	0,131	FALSE
0,133	0,304	0,003	0,008	0,166	FALSE
0,047	0,312	0,002	0,007	0,086	FALSE
-0,009	0,318	0,000	0,009	0,006	FALSE
-0,092	0,314	-0,002	0,007	0,120	FALSE
0,000	0,312	0,000	0,012	0,015	FALSE
-0,014	0,310	-0,001	0,012	0,021	FALSE
0,015	0,311	0,001	0,007	0,030	FALSE
0,006	0,303	0,001	0,011	0,020	FALSE
0,038	0,303	0,002	0,013	0,055	FALSE
0,090	0,290	0,004	0,011	0,150	FALSE
0,018	0,308	0,000	0,007	0,020	FALSE
-0,045	0,306	-0,001	0,010	0,033	FALSE
0,163	0,306	0,005	0,008	0,242	FALSE
0,031	0,306	0,001	0,008	0,049	FALSE
-0,120	0,301	-0,005	0,012	0,179	FALSE
-0,039	0,301	-0,002	0,011	0,074	FALSE
0,027	0,310	0,000	0,006	0,000	FALSE
-0,037	0,305	-0,002	0,012	0,077	FALSE
0,048	0,309	0,001	0,007	0,044	FALSE
-0,041	0,313	-0,001	0,008	0,071	FALSE
-0,112	0,294	-0,004	0,010	0,160	FALSE
-0,196	0,280	-0,009	0,012	0,356	FALSE
0,018	0,302	0,001	0,012	0,021	FALSE
-0,035	0,313	-0,001	0,007	0,049	FALSE
0,072	0,309	0,002	0,007	0,117	FALSE
-0,006	0,301	0,000	0,006	0,001	FALSE
-0,050	0,303	-0,002	0,009	0,087	FALSE
0,058	0,315	0,001	0,008	0,052	FALSE
-0,035	0,298	-0,001	0,007	0,036	FALSE
-0,020	0,298	0,000	0,007	0,019	FALSE
-0,032	0,316	-0,001	0,012	0,026	FALSE
0,020	0,307	0,001	0,011	0,041	FALSE
0,092	0,313	0,004	0,013	0,108	FALSE
-0,048	0,311	-0,001	0,010	0,053	FALSE
-0,034	0,316	0,000	0,007	0,022	FALSE
-0,044	0,314	-0,001	0,007	0,037	FALSE
0,043	0,300	0,002	0,009	0,063	FALSE
0,091	0,293	0,003	0,009	0,144	FALSE
-0,058	0,305	-0,002	0,011	0,055	FALSE
-0,069	0,306	-0,003	0,009	0,118	FALSE
-0,104	0,285	-0,004	0,009	0,194	FALSE
0,000	0,323	0,000	0,011	0,014	FALSE
0,012	0,310	0,000	0,011	0,016	FALSE

0,051	0,298	0,002	0,008	0,079	FALSE
0,082	0,319	0,002	0,008	0,090	FALSE
0,010	0,318	0,001	0,012	0,044	FALSE
-0,043	0,295	-0,002	0,012	0,071	FALSE
-0,022	0,297	-0,001	0,010	0,041	FALSE
-0,050	0,313	-0,002	0,010	0,075	FALSE
0,029	0,312	0,001	0,012	0,024	FALSE
-0,011	0,307	0,000	0,009	0,009	FALSE
0,051	0,299	0,003	0,013	0,093	FALSE
-0,120	0,313	-0,003	0,008	0,137	FALSE
-0,111	0,299	-0,003	0,008	0,126	FALSE
-0,004	0,326	0,000	0,008	0,015	FALSE
-0,021	0,320	-0,001	0,008	0,039	FALSE
0,003	0,308	0,000	0,011	0,014	FALSE
-0,021	0,299	-0,001	0,009	0,045	FALSE
-0,019	0,305	0,000	0,008	0,015	FALSE
0,126	0,295	0,006	0,012	0,196	FALSE
-0,107	0,310	-0,005	0,012	0,184	FALSE
0,095	0,306	0,002	0,008	0,128	FALSE
-0,055	0,316	-0,002	0,013	0,053	FALSE
0,070	0,302	0,003	0,013	0,101	FALSE
0,032	0,286	0,001	0,006	0,034	FALSE
0,090	0,293	0,003	0,011	0,113	FALSE
-0,003	0,311	0,000	0,011	0,013	FALSE
-0,018	0,311	-0,001	0,009	0,020	FALSE
-0,018	0,320	-0,001	0,009	0,020	FALSE
0,017	0,310	0,000	0,013	0,012	FALSE
-0,034	0,310	-0,001	0,013	0,039	FALSE
0,092	0,305	0,003	0,012	0,090	FALSE
0,130	0,309	0,003	0,009	0,154	FALSE
0,113	0,312	0,003	0,009	0,154	FALSE
-0,132	0,304	-0,003	0,006	0,186	FALSE
-0,045	0,308	-0,002	0,008	0,077	FALSE
0,092	0,279	0,004	0,011	0,147	FALSE
-0,150	0,296	-0,005	0,009	0,222	FALSE
-0,014	0,307	-0,001	0,013	0,016	FALSE
-0,024	0,301	0,000	0,008	0,000	FALSE
-0,027	0,304	-0,001	0,010	0,041	FALSE
0,005	0,318	0,000	0,009	0,020	FALSE
0,012	0,313	0,001	0,010	0,023	FALSE
0,010	0,308	0,001	0,010	0,020	FALSE
0,015	0,321	0,001	0,010	0,028	FALSE
-0,096	0,317	-0,002	0,008	0,114	FALSE
0,128	0,314	0,003	0,007	0,178	FALSE
0,023	0,295	0,001	0,011	0,043	FALSE
0,092	0,303	0,002	0,007	0,127	FALSE
-0,021	0,312	-0,001	0,007	0,029	FALSE
0,128	0,306	0,003	0,009	0,140	FALSE
0,113	0,308	0,005	0,012	0,153	FALSE
0,131	0,309	0,005	0,012	0,170	FALSE
0,129	0,310	0,005	0,012	0,174	FALSE
-0,037	0,318	-0,001	0,009	0,043	FALSE
0,010	0,309	0,000	0,006	0,011	FALSE

0,076	0,310	0,003	0,013	0,088	FALSE
-0,040	0,304	-0,001	0,011	0,034	FALSE
0,051	0,305	0,002	0,010	0,081	FALSE
-0,103	0,305	-0,003	0,009	0,112	FALSE
-0,082	0,300	-0,002	0,007	0,082	FALSE
0,052	0,306	0,002	0,009	0,062	FALSE
0,016	0,312	0,001	0,013	0,024	FALSE
0,024	0,308	0,000	0,007	0,018	FALSE
-0,028	0,299	-0,001	0,008	0,026	FALSE
0,016	0,274	0,001	0,007	0,035	FALSE
-0,051	0,311	-0,002	0,009	0,077	FALSE
-0,054	0,315	-0,002	0,009	0,079	FALSE
0,002	0,311	0,000	0,013	0,001	FALSE
-0,029	0,306	-0,001	0,009	0,030	FALSE
0,008	0,297	0,000	0,006	0,003	FALSE
0,057	0,308	0,001	0,010	0,046	FALSE
0,024	0,308	0,001	0,007	0,029	FALSE
0,124	0,291	0,004	0,010	0,149	FALSE
-0,171	0,279	-0,004	0,008	0,241	FALSE
-0,035	0,296	0,000	0,011	0,013	FALSE
-0,053	0,311	-0,001	0,007	0,062	FALSE
-0,134	0,288	-0,003	0,006	0,165	FALSE
-0,155	0,308	-0,003	0,008	0,169	FALSE
0,190	0,298	0,006	0,008	0,347	FALSE
0,187	0,293	0,006	0,008	0,367	FALSE
0,049	0,303	0,001	0,012	0,044	FALSE
0,031	0,299	0,001	0,010	0,051	FALSE
-0,107	0,308	-0,003	0,010	0,115	FALSE
-0,113	0,309	-0,004	0,013	0,126	FALSE
-0,091	0,313	-0,003	0,013	0,096	FALSE
0,004	0,302	0,001	0,008	0,030	FALSE
0,011	0,318	0,000	0,007	0,015	FALSE
-0,052	0,310	-0,001	0,011	0,042	FALSE
-0,097	0,314	-0,003	0,009	0,125	FALSE
-0,084	0,311	-0,004	0,012	0,132	FALSE
-0,070	0,299	-0,003	0,011	0,096	FALSE
0,075	0,305	0,002	0,010	0,087	FALSE
-0,076	0,303	-0,002	0,008	0,090	FALSE
-0,090	0,325	-0,002	0,008	0,118	FALSE
0,011	0,306	0,001	0,012	0,042	FALSE
-0,051	0,311	-0,001	0,013	0,042	FALSE
-0,001	0,308	-0,001	0,009	0,032	FALSE
-0,073	0,317	-0,002	0,011	0,081	FALSE
-0,059	0,309	-0,001	0,008	0,054	FALSE
-0,002	0,319	0,000	0,008	0,015	FALSE
0,071	0,301	0,004	0,013	0,120	FALSE
0,087	0,306	0,004	0,013	0,130	FALSE
-0,033	0,305	-0,001	0,008	0,043	FALSE
0,043	0,294	0,002	0,008	0,078	FALSE
0,062	0,313	0,003	0,010	0,100	FALSE
0,073	0,295	0,004	0,011	0,143	FALSE
0,072	0,284	0,004	0,011	0,142	FALSE
-0,073	0,320	-0,002	0,010	0,068	FALSE

-0,050	0,323	-0,001	0,008	0,066	FALSE
-0,047	0,313	-0,001	0,007	0,070	FALSE
0,071	0,314	0,002	0,010	0,085	FALSE
-0,015	0,323	-0,001	0,007	0,039	FALSE
-0,091	0,315	-0,003	0,008	0,138	FALSE
-0,029	0,305	-0,001	0,008	0,036	FALSE
0,081	0,305	0,003	0,011	0,097	FALSE
0,022	0,303	0,001	0,010	0,026	FALSE
0,043	0,300	0,001	0,007	0,054	FALSE
0,006	0,301	0,000	0,012	0,005	FALSE
-0,073	0,306	-0,001	0,007	0,062	FALSE
0,041	0,325	0,001	0,009	0,055	FALSE
-0,075	0,287	-0,002	0,006	0,126	FALSE
-0,126	0,310	-0,005	0,013	0,167	FALSE
0,048	0,311	0,002	0,009	0,076	FALSE
0,016	0,311	0,001	0,009	0,058	FALSE
0,044	0,306	0,002	0,010	0,097	FALSE
0,032	0,304	0,002	0,010	0,076	FALSE
-0,031	0,310	-0,002	0,012	0,071	FALSE
0,025	0,320	0,001	0,010	0,027	FALSE
0,047	0,310	0,002	0,013	0,071	FALSE
0,054	0,292	0,002	0,007	0,095	FALSE
0,046	0,302	0,001	0,010	0,053	FALSE
0,027	0,316	0,001	0,011	0,042	FALSE
-0,012	0,305	0,000	0,007	0,017	FALSE
0,156	0,314	0,003	0,007	0,184	FALSE
-0,043	0,309	-0,002	0,012	0,069	FALSE
-0,007	0,306	-0,001	0,012	0,021	FALSE
0,034	0,308	0,001	0,012	0,038	FALSE
0,092	0,300	0,004	0,013	0,111	FALSE
0,015	0,309	0,000	0,009	0,015	FALSE
-0,009	0,305	-0,001	0,012	0,037	FALSE
-0,024	0,291	-0,001	0,007	0,051	FALSE
0,102	0,291	0,003	0,006	0,168	FALSE
0,025	0,310	0,001	0,011	0,041	FALSE
-0,129	0,302	-0,004	0,011	0,139	FALSE
-0,104	0,288	-0,004	0,012	0,128	FALSE
0,049	0,317	0,001	0,008	0,065	FALSE
-0,075	0,311	-0,003	0,011	0,106	FALSE
0,190	0,306	0,006	0,010	0,262	FALSE
-0,166	0,292	-0,008	0,012	0,277	FALSE
-0,026	0,307	-0,001	0,007	0,033	FALSE
-0,087	0,314	-0,002	0,008	0,105	FALSE
0,031	0,305	0,001	0,008	0,054	FALSE
-0,222	0,304	-0,005	0,007	0,330	FALSE
-0,182	0,325	-0,006	0,011	0,246	FALSE
0,089	0,303	0,003	0,008	0,153	FALSE
0,049	0,317	0,002	0,011	0,075	FALSE
0,075	0,313	0,003	0,011	0,120	FALSE
0,087	0,311	0,004	0,011	0,141	FALSE
0,023	0,297	0,002	0,008	0,074	FALSE
0,095	0,310	0,004	0,011	0,135	FALSE
-0,090	0,308	-0,003	0,010	0,110	FALSE

0,109	0,308	0,003	0,009	0,140	FALSE
-0,015	0,295	-0,002	0,010	0,066	FALSE
-0,066	0,293	-0,003	0,010	0,124	FALSE
0,047	0,289	0,001	0,009	0,026	FALSE
0,136	0,303	0,005	0,013	0,169	FALSE
-0,200	0,299	-0,004	0,007	0,285	FALSE
-0,014	0,312	0,000	0,007	0,009	FALSE
-0,215	0,301	-0,008	0,012	0,308	FALSE
-0,096	0,315	-0,002	0,007	0,117	FALSE
0,166	0,296	0,005	0,008	0,270	FALSE
-0,113	0,311	-0,004	0,011	0,138	FALSE
-0,040	0,300	-0,001	0,008	0,057	FALSE
0,118	0,309	0,005	0,013	0,154	FALSE
-0,111	0,315	-0,003	0,010	0,140	FALSE
0,163	0,306	0,006	0,013	0,209	FALSE
0,039	0,302	0,002	0,012	0,057	FALSE
0,216	0,295	0,005	0,007	0,336	FALSE
0,040	0,321	0,001	0,008	0,036	FALSE
0,051	0,307	0,001	0,013	0,037	FALSE
-0,060	0,307	-0,002	0,013	0,059	FALSE
0,004	0,320	0,000	0,007	0,011	FALSE
0,043	0,313	0,002	0,013	0,044	FALSE
-0,081	0,317	-0,002	0,008	0,103	FALSE
0,057	0,312	0,001	0,006	0,055	FALSE
0,041	0,279	0,001	0,008	0,028	FALSE
-0,061	0,320	-0,002	0,013	0,069	FALSE
-0,103	0,303	-0,003	0,010	0,107	FALSE
-0,121	0,289	-0,006	0,012	0,192	FALSE
-0,087	0,301	-0,003	0,010	0,132	FALSE
-0,116	0,298	-0,004	0,011	0,145	FALSE
0,091	0,313	0,002	0,008	0,100	FALSE
0,088	0,298	0,003	0,008	0,119	FALSE
-0,041	0,308	-0,001	0,007	0,038	FALSE
-0,120	0,315	-0,004	0,012	0,124	FALSE
0,014	0,316	0,000	0,009	0,012	FALSE
0,117	0,309	0,003	0,009	0,139	FALSE
0,135	0,290	0,004	0,011	0,145	FALSE
0,044	0,295	0,001	0,010	0,050	FALSE
-0,092	0,295	-0,003	0,012	0,104	FALSE
-0,070	0,285	-0,002	0,011	0,069	FALSE
0,058	0,313	0,002	0,012	0,076	FALSE
-0,048	0,307	-0,002	0,012	0,053	FALSE
0,049	0,302	0,001	0,009	0,043	FALSE
0,017	0,307	0,000	0,011	0,002	FALSE
-0,109	0,308	-0,003	0,007	0,133	FALSE
0,046	0,306	0,001	0,007	0,063	FALSE
-0,044	0,296	-0,002	0,012	0,050	FALSE
-0,005	0,307	0,000	0,008	0,016	FALSE
-0,189	0,307	-0,004	0,007	0,240	FALSE
-0,063	0,312	-0,002	0,012	0,072	FALSE
0,177	0,313	0,007	0,013	0,238	FALSE
0,118	0,306	0,004	0,011	0,153	FALSE
0,157	0,301	0,004	0,007	0,242	FALSE

0,049	0,309	0,001	0,008	0,036	FALSE
0,105	0,305	0,003	0,008	0,143	FALSE
-0,135	0,293	-0,005	0,011	0,207	FALSE
-0,024	0,294	-0,001	0,006	0,034	FALSE
0,119	0,310	0,003	0,006	0,165	FALSE
0,131	0,286	0,003	0,006	0,184	FALSE
-0,166	0,295	-0,003	0,006	0,235	FALSE
-0,085	0,316	-0,002	0,008	0,095	FALSE
-0,137	0,294	-0,003	0,007	0,175	FALSE
0,100	0,310	0,003	0,008	0,138	FALSE
0,016	0,307	0,001	0,008	0,027	FALSE
0,017	0,297	0,000	0,007	0,002	FALSE
0,097	0,304	0,002	0,007	0,115	FALSE
-0,125	0,300	-0,003	0,007	0,166	FALSE
0,042	0,318	0,001	0,008	0,052	FALSE
-0,048	0,303	-0,002	0,009	0,076	FALSE
0,123	0,300	0,003	0,007	0,183	FALSE
-0,117	0,304	-0,003	0,008	0,167	FALSE
-0,113	0,317	-0,003	0,008	0,152	FALSE
-0,134	0,317	-0,003	0,008	0,164	FALSE
-0,075	0,309	-0,002	0,006	0,112	FALSE
0,122	0,302	0,005	0,010	0,195	FALSE
0,021	0,309	0,001	0,013	0,026	FALSE
0,100	0,308	0,003	0,009	0,117	FALSE
0,025	0,308	0,000	0,012	0,005	FALSE
-0,064	0,305	-0,002	0,010	0,067	FALSE
0,009	0,310	-0,001	0,012	0,022	FALSE
-0,070	0,312	-0,002	0,010	0,088	FALSE
0,002	0,317	-0,001	0,012	0,034	FALSE
-0,042	0,309	-0,002	0,012	0,062	FALSE
0,060	0,304	0,002	0,008	0,069	FALSE
0,014	0,321	0,000	0,013	0,002	FALSE
0,025	0,315	0,001	0,008	0,034	FALSE
-0,101	0,312	-0,002	0,007	0,141	FALSE
0,029	0,297	0,002	0,011	0,061	FALSE
-0,055	0,297	-0,001	0,006	0,038	FALSE
0,087	0,282	0,002	0,008	0,102	FALSE
0,007	0,314	0,001	0,010	0,028	FALSE
-0,073	0,303	-0,002	0,013	0,064	FALSE
-0,098	0,305	-0,003	0,012	0,104	FALSE
0,072	0,300	0,002	0,010	0,085	FALSE
0,099	0,294	0,002	0,010	0,097	FALSE
0,184	0,293	0,006	0,012	0,233	FALSE
0,147	0,301	0,004	0,011	0,158	FALSE
0,158	0,306	0,003	0,007	0,180	FALSE
0,188	0,295	0,006	0,012	0,227	FALSE
-0,004	0,322	0,000	0,010	0,008	FALSE
0,087	0,309	0,002	0,007	0,103	FALSE
0,017	0,311	0,000	0,012	0,006	FALSE
0,080	0,313	0,002	0,007	0,122	FALSE
0,012	0,316	0,000	0,008	0,002	FALSE
0,039	0,294	0,002	0,008	0,089	FALSE
0,004	0,298	0,001	0,009	0,032	FALSE

-0,012	0,317	0,000	0,007	0,006	FALSE
-0,014	0,322	0,000	0,011	0,015	FALSE
-0,025	0,294	0,000	0,007	0,006	FALSE
0,133	0,295	0,003	0,007	0,166	FALSE
-0,012	0,294	0,000	0,009	0,006	FALSE
-0,001	0,312	0,000	0,007	0,006	FALSE
-0,017	0,308	-0,001	0,012	0,031	FALSE
-0,002	0,297	-0,001	0,012	0,019	FALSE
-0,019	0,306	0,000	0,008	0,001	FALSE
-0,011	0,311	0,000	0,007	0,016	FALSE
-0,077	0,303	-0,002	0,007	0,077	FALSE
-0,051	0,309	-0,002	0,008	0,084	FALSE
-0,043	0,308	-0,001	0,009	0,031	FALSE
-0,008	0,308	0,000	0,009	0,008	FALSE
0,016	0,318	0,000	0,009	0,007	FALSE
0,055	0,312	0,002	0,009	0,076	FALSE
0,063	0,314	0,002	0,010	0,077	FALSE
-0,003	0,301	0,000	0,009	0,014	FALSE
-0,089	0,328	-0,002	0,009	0,081	FALSE
-0,012	0,299	0,000	0,010	0,012	FALSE
-0,015	0,295	0,000	0,009	0,003	FALSE
-0,060	0,307	-0,002	0,010	0,089	FALSE
0,027	0,310	0,001	0,008	0,050	FALSE
-0,050	0,310	-0,002	0,010	0,076	FALSE
-0,040	0,316	-0,002	0,011	0,067	FALSE
0,031	0,303	0,001	0,010	0,056	FALSE
-0,026	0,314	0,000	0,007	0,024	FALSE
0,085	0,304	0,003	0,010	0,104	FALSE
0,016	0,313	0,001	0,013	0,023	FALSE
0,123	0,306	0,004	0,011	0,156	FALSE
-0,067	0,321	-0,002	0,012	0,061	FALSE
0,023	0,301	0,001	0,007	0,035	FALSE
0,009	0,302	0,000	0,009	0,007	FALSE
-0,145	0,307	-0,003	0,007	0,195	FALSE
-0,050	0,297	-0,002	0,013	0,065	FALSE
0,053	0,307	0,001	0,007	0,078	FALSE
-0,022	0,298	-0,001	0,008	0,038	FALSE
0,023	0,294	0,001	0,008	0,027	FALSE
0,182	0,306	0,005	0,010	0,232	FALSE
-0,180	0,297	-0,006	0,010	0,283	FALSE
0,019	0,323	0,002	0,010	0,059	FALSE
0,093	0,308	0,003	0,013	0,080	FALSE
-0,020	0,306	0,000	0,006	0,028	FALSE
0,003	0,309	0,000	0,008	0,022	FALSE
0,032	0,319	0,001	0,009	0,047	FALSE
-0,080	0,305	-0,004	0,013	0,125	FALSE
0,075	0,325	0,002	0,006	0,114	FALSE
0,008	0,295	0,000	0,012	0,011	FALSE
0,052	0,311	0,003	0,013	0,081	FALSE
-0,008	0,312	0,000	0,008	0,011	FALSE
-0,104	0,319	-0,003	0,007	0,152	FALSE
0,112	0,298	0,004	0,011	0,140	FALSE
-0,094	0,311	-0,003	0,008	0,137	FALSE

-0,146	0,317	-0,005	0,012	0,164	FALSE
-0,115	0,297	-0,004	0,012	0,140	FALSE
0,001	0,302	0,000	0,007	0,012	FALSE
-0,024	0,295	-0,001	0,012	0,027	FALSE
0,106	0,297	0,003	0,008	0,160	FALSE
0,023	0,308	0,001	0,010	0,023	FALSE
0,010	0,304	0,000	0,008	0,005	FALSE
-0,014	0,310	0,000	0,007	0,003	FALSE
-0,156	0,302	-0,004	0,009	0,204	FALSE
-0,149	0,303	-0,005	0,010	0,202	FALSE
-0,169	0,311	-0,005	0,010	0,227	FALSE
-0,041	0,304	-0,001	0,007	0,049	FALSE
0,048	0,314	0,002	0,012	0,057	FALSE
-0,111	0,303	-0,003	0,009	0,145	FALSE
-0,065	0,303	-0,001	0,007	0,061	FALSE
0,102	0,307	0,003	0,009	0,125	FALSE
-0,095	0,309	-0,003	0,012	0,105	FALSE
-0,094	0,319	-0,003	0,012	0,085	FALSE
-0,104	0,304	-0,003	0,012	0,114	FALSE
0,146	0,289	0,004	0,008	0,229	FALSE
0,190	0,311	0,005	0,008	0,290	FALSE
-0,045	0,307	-0,001	0,006	0,042	FALSE
-0,029	0,302	0,000	0,007	0,022	FALSE
0,031	0,300	0,002	0,009	0,071	FALSE
0,018	0,310	0,001	0,007	0,036	FALSE
0,041	0,319	0,002	0,012	0,051	FALSE
0,065	0,307	0,002	0,008	0,073	FALSE
0,026	0,303	0,001	0,008	0,036	FALSE
-0,093	0,307	-0,002	0,007	0,107	FALSE
0,110	0,291	0,003	0,007	0,151	FALSE
0,064	0,307	0,002	0,013	0,043	FALSE
-0,069	0,304	-0,002	0,011	0,075	FALSE
0,020	0,302	0,000	0,009	0,000	FALSE
-0,042	0,290	-0,001	0,010	0,051	FALSE
-0,054	0,312	-0,002	0,011	0,062	FALSE
0,050	0,304	0,003	0,012	0,088	FALSE
-0,109	0,300	-0,003	0,008	0,164	FALSE
0,022	0,312	0,001	0,008	0,031	FALSE
-0,006	0,306	0,000	0,007	0,007	FALSE
-0,136	0,299	-0,004	0,008	0,190	FALSE
-0,107	0,307	-0,003	0,008	0,146	FALSE
0,073	0,304	0,001	0,006	0,070	FALSE
0,020	0,313	0,000	0,011	0,002	FALSE
-0,004	0,305	-0,001	0,011	0,016	FALSE
0,010	0,311	0,001	0,007	0,030	FALSE
0,019	0,311	0,001	0,007	0,040	FALSE
-0,028	0,312	0,000	0,007	0,020	FALSE
0,015	0,313	0,000	0,011	0,003	FALSE
-0,025	0,307	-0,001	0,011	0,044	FALSE
0,024	0,308	0,001	0,012	0,043	FALSE
-0,135	0,314	-0,003	0,008	0,172	FALSE
0,010	0,294	0,000	0,012	0,001	FALSE
-0,056	0,309	-0,003	0,012	0,083	FALSE

-0,046	0,309	-0,001	0,006	0,032	FALSE
-0,043	0,301	-0,001	0,010	0,045	FALSE
0,121	0,314	0,003	0,006	0,160	FALSE
-0,110	0,318	-0,004	0,011	0,137	FALSE
0,091	0,307	0,002	0,007	0,130	FALSE
0,016	0,300	0,001	0,012	0,028	FALSE
0,012	0,303	0,001	0,013	0,027	FALSE
0,025	0,303	0,001	0,010	0,022	FALSE
0,055	0,308	0,001	0,010	0,055	FALSE
0,003	0,301	0,000	0,010	0,003	FALSE
-0,036	0,301	-0,001	0,010	0,050	FALSE
0,094	0,299	0,002	0,009	0,085	FALSE
0,010	0,288	0,000	0,009	0,004	FALSE
-0,074	0,310	-0,002	0,008	0,071	FALSE
0,002	0,306	0,000	0,011	0,001	FALSE
-0,103	0,297	-0,002	0,009	0,107	FALSE
0,077	0,306	0,003	0,012	0,084	FALSE
-0,043	0,307	-0,001	0,006	0,065	FALSE
-0,128	0,309	-0,004	0,011	0,163	FALSE
0,088	0,295	0,002	0,008	0,089	FALSE
0,071	0,304	0,002	0,008	0,087	FALSE
0,015	0,301	0,001	0,008	0,039	FALSE
0,015	0,312	0,000	0,007	0,005	FALSE
0,024	0,303	0,000	0,007	0,022	FALSE
0,016	0,299	0,000	0,007	0,015	FALSE
0,023	0,303	0,000	0,006	0,008	FALSE
0,023	0,305	0,001	0,007	0,031	FALSE
0,067	0,304	0,002	0,007	0,105	FALSE
-0,012	0,296	-0,001	0,006	0,031	FALSE
-0,005	0,319	0,000	0,008	0,015	FALSE
-0,033	0,324	-0,001	0,013	0,040	FALSE
-0,077	0,308	-0,002	0,012	0,072	FALSE
-0,009	0,310	0,000	0,008	0,019	FALSE
0,130	0,306	0,005	0,012	0,159	FALSE
0,117	0,300	0,004	0,011	0,134	FALSE
-0,027	0,287	0,000	0,011	0,012	FALSE
0,017	0,309	0,001	0,007	0,047	FALSE
-0,169	0,295	-0,007	0,011	0,261	FALSE
-0,170	0,295	-0,006	0,011	0,256	FALSE
0,035	0,302	0,002	0,011	0,057	FALSE
-0,071	0,305	-0,002	0,013	0,065	FALSE
-0,098	0,310	-0,003	0,013	0,104	FALSE
0,039	0,319	0,001	0,007	0,037	FALSE
-0,143	0,293	-0,005	0,012	0,174	FALSE
-0,122	0,300	-0,004	0,012	0,134	FALSE
0,091	0,306	0,002	0,007	0,133	FALSE
-0,144	0,306	-0,006	0,013	0,189	FALSE
0,039	0,304	0,001	0,007	0,064	FALSE
-0,169	0,314	-0,007	0,013	0,226	FALSE
-0,156	0,308	-0,004	0,009	0,196	FALSE
-0,112	0,305	-0,005	0,013	0,175	FALSE
0,085	0,303	0,004	0,011	0,135	FALSE
0,091	0,317	0,002	0,008	0,119	FALSE

-0,099	0,305	-0,003	0,008	0,144	FALSE
-0,050	0,305	-0,001	0,008	0,043	FALSE
0,013	0,306	0,000	0,010	0,006	FALSE
-0,113	0,312	-0,003	0,009	0,138	FALSE
-0,098	0,303	-0,003	0,010	0,127	FALSE
0,014	0,310	0,000	0,006	0,019	FALSE
0,008	0,314	0,000	0,006	0,021	FALSE
-0,071	0,304	-0,002	0,006	0,101	FALSE
0,200	0,294	0,006	0,010	0,282	FALSE
0,122	0,296	0,004	0,012	0,149	FALSE
0,081	0,308	0,002	0,009	0,089	FALSE
0,070	0,302	0,002	0,009	0,071	FALSE
0,161	0,297	0,005	0,010	0,219	FALSE
-0,079	0,326	-0,003	0,012	0,099	FALSE
0,058	0,303	0,001	0,007	0,052	FALSE
0,085	0,301	0,003	0,013	0,095	FALSE
-0,028	0,317	-0,001	0,012	0,016	FALSE
-0,035	0,305	-0,001	0,011	0,044	FALSE
-0,051	0,317	-0,002	0,012	0,054	FALSE
-0,107	0,302	-0,004	0,010	0,138	FALSE
-0,020	0,306	-0,001	0,011	0,024	FALSE
0,075	0,305	0,002	0,008	0,093	FALSE
0,002	0,303	0,000	0,008	0,006	FALSE
-0,162	0,310	-0,006	0,011	0,252	FALSE
-0,050	0,307	-0,002	0,013	0,071	FALSE
-0,018	0,290	-0,001	0,009	0,031	FALSE
-0,059	0,306	-0,002	0,011	0,065	FALSE
-0,117	0,320	-0,004	0,009	0,172	FALSE
-0,047	0,301	-0,002	0,013	0,060	FALSE
0,029	0,323	0,001	0,007	0,047	FALSE
0,009	0,316	0,001	0,009	0,025	FALSE
0,047	0,307	0,001	0,007	0,054	FALSE
0,050	0,316	0,001	0,007	0,067	FALSE
-0,001	0,305	-0,001	0,010	0,026	FALSE
0,045	0,291	0,001	0,006	0,071	FALSE
0,018	0,318	0,000	0,007	0,024	FALSE
0,001	0,318	0,001	0,008	0,025	FALSE
-0,062	0,298	-0,001	0,009	0,038	FALSE
-0,011	0,313	-0,001	0,013	0,018	FALSE
0,014	0,320	0,000	0,012	0,003	FALSE
-0,063	0,297	-0,002	0,010	0,090	FALSE
0,112	0,300	0,004	0,009	0,170	FALSE
0,000	0,307	0,000	0,006	0,007	FALSE
0,041	0,307	0,001	0,008	0,031	FALSE
-0,035	0,319	-0,001	0,009	0,042	FALSE
-0,066	0,304	-0,001	0,006	0,087	FALSE
-0,036	0,302	-0,001	0,011	0,039	FALSE
-0,103	0,306	-0,002	0,007	0,139	FALSE
0,020	0,300	0,001	0,009	0,049	FALSE
-0,122	0,300	-0,005	0,011	0,198	FALSE
0,066	0,319	0,002	0,006	0,096	FALSE
0,124	0,299	0,005	0,010	0,202	FALSE
-0,093	0,308	-0,002	0,007	0,092	FALSE

0,021	0,314	0,001	0,007	0,041	FALSE
0,045	0,317	0,002	0,012	0,049	FALSE
0,011	0,307	0,002	0,012	0,050	FALSE
-0,058	0,291	-0,002	0,008	0,083	FALSE
-0,042	0,321	-0,001	0,009	0,057	FALSE
0,073	0,303	0,001	0,006	0,084	FALSE
0,035	0,320	0,002	0,012	0,054	FALSE
0,106	0,309	0,003	0,008	0,157	FALSE
0,006	0,314	0,001	0,012	0,027	FALSE
-0,036	0,294	-0,001	0,011	0,019	FALSE
-0,039	0,306	-0,001	0,006	0,075	FALSE
-0,033	0,302	-0,001	0,013	0,041	FALSE
0,000	0,327	0,000	0,010	0,005	FALSE
-0,048	0,311	-0,001	0,007	0,067	FALSE
-0,060	0,311	-0,001	0,007	0,066	FALSE
0,080	0,306	0,004	0,013	0,108	FALSE
0,043	0,311	0,002	0,013	0,069	FALSE
0,074	0,309	0,002	0,010	0,068	FALSE
-0,029	0,315	-0,001	0,012	0,046	FALSE
-0,056	0,297	-0,001	0,011	0,046	FALSE
0,045	0,323	0,001	0,008	0,054	FALSE
0,114	0,298	0,004	0,010	0,156	FALSE
-0,016	0,321	0,000	0,010	0,007	FALSE
-0,011	0,302	0,000	0,008	0,011	FALSE
-0,010	0,298	0,000	0,008	0,004	FALSE
-0,171	0,307	-0,007	0,012	0,255	FALSE
-0,031	0,307	-0,001	0,008	0,027	FALSE
-0,043	0,307	-0,001	0,008	0,042	FALSE
-0,017	0,303	0,000	0,008	0,013	FALSE
0,059	0,304	0,002	0,010	0,071	FALSE
0,008	0,296	0,000	0,007	0,010	FALSE
0,025	0,319	0,001	0,007	0,031	FALSE
0,027	0,298	0,001	0,007	0,046	FALSE
-0,080	0,312	-0,004	0,012	0,119	FALSE
-0,069	0,322	-0,002	0,009	0,071	FALSE
-0,092	0,309	-0,002	0,009	0,105	FALSE
-0,104	0,306	-0,003	0,008	0,146	FALSE
0,015	0,318	0,001	0,008	0,044	FALSE
-0,011	0,306	-0,001	0,009	0,030	FALSE
-0,071	0,313	-0,002	0,007	0,087	FALSE
-0,089	0,315	-0,002	0,007	0,115	FALSE
0,064	0,299	0,002	0,011	0,069	FALSE
0,028	0,288	0,000	0,012	0,004	FALSE
-0,061	0,305	-0,001	0,007	0,061	FALSE
-0,126	0,305	-0,002	0,008	0,113	FALSE
0,096	0,310	0,004	0,010	0,146	FALSE
-0,038	0,321	-0,001	0,012	0,042	FALSE
-0,073	0,305	-0,002	0,011	0,064	FALSE
0,005	0,286	0,000	0,008	0,021	FALSE
-0,028	0,304	0,000	0,008	0,023	FALSE
0,063	0,309	0,002	0,008	0,075	FALSE
-0,027	0,323	0,000	0,009	0,013	FALSE
-0,036	0,316	-0,001	0,009	0,032	FALSE

-0,119	0,297	-0,004	0,009	0,182	FALSE
-0,017	0,319	-0,001	0,012	0,029	FALSE
0,031	0,305	0,002	0,008	0,078	FALSE
-0,057	0,297	-0,002	0,011	0,055	FALSE
-0,010	0,305	0,000	0,011	0,009	FALSE
-0,063	0,299	-0,001	0,007	0,072	FALSE
0,009	0,304	0,000	0,011	0,014	FALSE
0,046	0,304	0,002	0,008	0,077	FALSE
-0,024	0,305	-0,001	0,007	0,036	FALSE
-0,022	0,301	-0,001	0,007	0,040	FALSE
-0,082	0,310	-0,002	0,007	0,102	FALSE
-0,058	0,307	-0,002	0,011	0,083	FALSE
-0,046	0,298	-0,002	0,011	0,060	FALSE
0,000	0,300	0,001	0,008	0,025	FALSE
-0,069	0,311	-0,003	0,010	0,096	FALSE
0,049	0,299	0,002	0,008	0,091	FALSE
-0,107	0,305	-0,004	0,013	0,123	FALSE
0,092	0,302	0,004	0,011	0,133	FALSE
-0,023	0,299	-0,001	0,012	0,028	FALSE
-0,032	0,283	-0,001	0,006	0,049	FALSE
-0,040	0,290	-0,001	0,008	0,064	FALSE
-0,035	0,303	-0,002	0,012	0,065	FALSE
0,102	0,298	0,003	0,006	0,181	FALSE
-0,105	0,313	-0,004	0,009	0,160	FALSE
-0,041	0,316	-0,001	0,006	0,084	FALSE
-0,050	0,299	-0,002	0,012	0,062	FALSE
-0,005	0,306	0,000	0,009	0,005	FALSE
0,002	0,312	-0,001	0,009	0,023	FALSE
-0,129	0,290	-0,002	0,007	0,137	FALSE
-0,164	0,302	-0,003	0,007	0,191	FALSE
-0,059	0,302	-0,001	0,009	0,059	FALSE
-0,054	0,316	-0,001	0,007	0,079	FALSE
0,065	0,312	0,002	0,012	0,077	FALSE
-0,028	0,301	-0,001	0,013	0,030	FALSE
-0,030	0,320	-0,001	0,013	0,028	FALSE
0,113	0,320	0,004	0,011	0,133	FALSE
-0,071	0,319	-0,003	0,010	0,092	FALSE
0,165	0,299	0,005	0,008	0,264	FALSE
-0,105	0,315	-0,004	0,010	0,143	FALSE
0,017	0,315	0,001	0,006	0,036	FALSE
0,076	0,300	0,003	0,012	0,091	FALSE
-0,024	0,301	-0,002	0,010	0,057	FALSE
-0,035	0,309	-0,002	0,008	0,078	FALSE
0,140	0,298	0,006	0,012	0,206	FALSE
0,028	0,318	0,001	0,009	0,037	FALSE
-0,060	0,309	-0,001	0,008	0,063	FALSE
-0,101	0,320	-0,003	0,009	0,110	FALSE
0,096	0,302	0,003	0,009	0,155	FALSE
-0,141	0,330	-0,003	0,007	0,158	FALSE
0,053	0,320	0,002	0,009	0,095	FALSE
0,035	0,299	0,001	0,007	0,054	FALSE
-0,003	0,301	-0,001	0,012	0,033	FALSE
-0,041	0,308	-0,001	0,009	0,055	FALSE

0,065	0,309	0,002	0,007	0,114	FALSE
-0,049	0,321	-0,001	0,006	0,060	FALSE
-0,013	0,298	-0,001	0,011	0,035	FALSE
-0,111	0,300	-0,003	0,009	0,129	FALSE
-0,112	0,313	-0,003	0,009	0,133	FALSE
-0,100	0,307	-0,003	0,009	0,108	FALSE
-0,078	0,309	-0,002	0,009	0,083	FALSE
-0,071	0,310	-0,002	0,009	0,082	FALSE
-0,053	0,304	-0,001	0,008	0,062	FALSE
-0,056	0,304	-0,001	0,007	0,078	FALSE
0,049	0,317	0,001	0,008	0,056	FALSE
-0,083	0,300	-0,002	0,008	0,092	FALSE
0,018	0,309	0,000	0,011	0,015	FALSE
0,032	0,320	0,001	0,012	0,034	FALSE
0,014	0,298	0,001	0,006	0,051	FALSE
-0,070	0,307	-0,002	0,007	0,091	FALSE
-0,066	0,306	-0,002	0,007	0,088	FALSE
-0,003	0,309	0,000	0,013	0,013	FALSE
0,073	0,293	0,001	0,007	0,064	FALSE
0,009	0,321	0,000	0,011	0,011	FALSE
0,186	0,305	0,005	0,009	0,255	FALSE
-0,113	0,301	-0,002	0,006	0,121	FALSE
0,193	0,322	0,006	0,010	0,264	FALSE
-0,092	0,312	-0,002	0,007	0,110	FALSE
-0,090	0,320	-0,002	0,007	0,092	FALSE
0,029	0,312	0,001	0,012	0,038	FALSE
-0,050	0,304	-0,001	0,008	0,048	FALSE
-0,088	0,306	-0,002	0,008	0,110	FALSE
0,003	0,312	0,000	0,010	0,007	FALSE
-0,018	0,306	-0,001	0,011	0,046	FALSE
-0,002	0,308	-0,001	0,010	0,026	FALSE
-0,027	0,304	-0,001	0,007	0,034	FALSE
-0,017	0,312	0,000	0,008	0,001	FALSE
-0,033	0,308	-0,001	0,012	0,017	FALSE
-0,085	0,311	-0,002	0,009	0,091	FALSE
0,001	0,319	0,000	0,008	0,014	FALSE
0,037	0,301	0,001	0,013	0,035	FALSE
0,010	0,309	0,001	0,012	0,031	FALSE
-0,023	0,313	-0,001	0,010	0,049	FALSE
0,029	0,295	0,000	0,009	0,002	FALSE
-0,005	0,324	0,000	0,010	0,016	FALSE
0,040	0,288	0,000	0,009	0,008	FALSE
-0,094	0,296	-0,004	0,012	0,148	FALSE
-0,001	0,302	0,000	0,007	0,003	FALSE
-0,032	0,318	-0,001	0,007	0,044	FALSE
-0,076	0,296	-0,002	0,007	0,110	FALSE
-0,011	0,317	-0,001	0,013	0,022	FALSE
-0,007	0,305	0,000	0,012	0,002	FALSE
-0,022	0,306	-0,001	0,012	0,026	FALSE
-0,001	0,311	0,000	0,012	0,002	FALSE
-0,003	0,321	0,000	0,013	0,002	FALSE
0,016	0,310	0,001	0,013	0,017	FALSE
0,012	0,317	0,000	0,013	0,003	FALSE

-0,007	0,322	-0,001	0,013	0,015	FALSE
0,002	0,326	0,000	0,013	0,006	FALSE
0,009	0,302	0,001	0,008	0,022	FALSE
0,105	0,292	0,004	0,010	0,175	FALSE
-0,042	0,301	-0,001	0,009	0,037	FALSE
-0,015	0,298	-0,001	0,011	0,017	FALSE
0,007	0,294	0,000	0,011	0,004	FALSE
0,028	0,313	0,000	0,008	0,003	FALSE
0,058	0,300	0,003	0,011	0,102	FALSE
0,077	0,319	0,004	0,013	0,120	FALSE
-0,105	0,306	-0,003	0,010	0,129	FALSE
0,105	0,315	0,004	0,013	0,135	FALSE
-0,038	0,305	-0,001	0,007	0,059	FALSE
-0,029	0,302	-0,001	0,008	0,057	FALSE
-0,025	0,320	0,000	0,010	0,015	FALSE
-0,050	0,296	-0,002	0,010	0,067	FALSE
-0,023	0,309	0,000	0,009	0,002	FALSE
-0,035	0,297	-0,001	0,008	0,025	FALSE
-0,027	0,290	-0,001	0,012	0,019	FALSE
-0,027	0,304	0,000	0,013	0,013	FALSE
-0,057	0,301	-0,002	0,010	0,061	FALSE
-0,056	0,295	-0,001	0,008	0,055	FALSE
0,041	0,299	0,001	0,010	0,045	FALSE
0,009	0,317	0,001	0,008	0,034	FALSE
0,033	0,305	0,001	0,009	0,063	FALSE
-0,112	0,321	-0,003	0,008	0,144	FALSE
0,006	0,303	0,001	0,012	0,015	FALSE
0,053	0,317	0,001	0,008	0,070	FALSE
0,048	0,312	0,001	0,007	0,059	FALSE
0,086	0,306	0,002	0,009	0,098	FALSE
0,131	0,301	0,005	0,012	0,176	FALSE
0,099	0,316	0,003	0,009	0,118	FALSE
0,042	0,313	0,002	0,013	0,054	FALSE
0,117	0,312	0,004	0,011	0,133	FALSE
0,021	0,320	0,000	0,011	0,013	FALSE
0,011	0,290	0,001	0,012	0,030	FALSE
-0,045	0,309	-0,002	0,012	0,069	FALSE
0,075	0,298	0,003	0,011	0,093	FALSE
0,073	0,312	0,001	0,006	0,074	FALSE
-0,015	0,304	-0,001	0,011	0,026	FALSE
0,016	0,308	0,001	0,011	0,022	FALSE
-0,038	0,301	-0,002	0,013	0,050	FALSE
-0,019	0,302	0,000	0,013	0,007	FALSE
-0,138	0,307	-0,004	0,008	0,182	FALSE
-0,016	0,317	-0,001	0,013	0,015	FALSE
0,008	0,306	0,000	0,009	0,018	FALSE
-0,036	0,311	-0,002	0,012	0,052	FALSE
-0,020	0,319	0,000	0,011	0,014	FALSE
-0,048	0,310	-0,001	0,008	0,029	FALSE
-0,166	0,297	-0,005	0,009	0,245	FALSE
-0,049	0,300	-0,001	0,009	0,059	FALSE
-0,086	0,299	-0,001	0,007	0,074	FALSE
-0,135	0,322	-0,004	0,008	0,194	FALSE

-0,081	0,310	-0,002	0,007	0,098	FALSE
0,031	0,314	0,002	0,013	0,051	FALSE
-0,053	0,321	-0,002	0,010	0,072	FALSE
0,041	0,309	0,001	0,008	0,027	FALSE
-0,087	0,306	-0,001	0,007	0,080	FALSE
0,015	0,300	0,001	0,009	0,052	FALSE
0,001	0,311	0,000	0,008	0,004	FALSE
-0,011	0,297	0,000	0,008	0,017	FALSE
-0,082	0,307	-0,002	0,007	0,118	FALSE
-0,200	0,290	-0,008	0,010	0,339	FALSE
-0,177	0,303	-0,007	0,010	0,272	FALSE
-0,172	0,293	-0,007	0,010	0,301	FALSE
-0,181	0,304	-0,007	0,010	0,304	FALSE
0,099	0,311	0,003	0,007	0,149	FALSE
0,064	0,289	0,001	0,007	0,080	FALSE
0,085	0,299	0,004	0,011	0,138	FALSE
0,044	0,306	0,003	0,012	0,082	FALSE
0,061	0,331	0,002	0,007	0,085	FALSE
-0,127	0,291	-0,003	0,007	0,207	FALSE
0,141	0,298	0,005	0,011	0,195	FALSE
-0,108	0,292	-0,003	0,007	0,180	FALSE
0,145	0,299	0,006	0,011	0,228	FALSE
0,089	0,295	0,004	0,012	0,141	FALSE
-0,137	0,294	-0,004	0,007	0,210	FALSE
-0,098	0,301	-0,004	0,011	0,129	FALSE
-0,129	0,286	-0,005	0,011	0,165	FALSE
-0,121	0,291	-0,004	0,012	0,149	FALSE
0,126	0,308	0,004	0,008	0,190	FALSE
0,046	0,289	0,001	0,008	0,048	FALSE
-0,073	0,323	-0,001	0,008	0,071	FALSE
-0,009	0,295	0,000	0,011	0,013	FALSE
-0,038	0,308	0,000	0,007	0,024	FALSE
0,128	0,316	0,005	0,011	0,175	FALSE
-0,146	0,284	-0,004	0,008	0,191	FALSE
0,140	0,302	0,005	0,011	0,214	FALSE
-0,052	0,304	-0,002	0,010	0,095	FALSE
0,093	0,306	0,002	0,007	0,126	FALSE
-0,002	0,301	0,000	0,008	0,011	FALSE
-0,067	0,302	-0,003	0,011	0,098	FALSE
-0,082	0,320	-0,003	0,011	0,111	FALSE
-0,122	0,291	-0,003	0,007	0,155	FALSE
0,033	0,315	0,001	0,012	0,034	FALSE
-0,143	0,322	-0,005	0,011	0,174	FALSE
0,062	0,304	0,002	0,012	0,054	FALSE
0,038	0,295	0,001	0,011	0,024	FALSE
0,049	0,307	0,002	0,013	0,054	FALSE
0,097	0,307	0,002	0,010	0,082	FALSE
0,069	0,302	0,002	0,010	0,090	FALSE
0,040	0,306	0,001	0,008	0,055	FALSE
-0,134	0,307	-0,003	0,007	0,172	FALSE
0,043	0,305	0,001	0,008	0,026	FALSE
-0,110	0,324	-0,002	0,008	0,126	FALSE
0,021	0,306	0,001	0,007	0,028	FALSE

0,083	0,309	0,003	0,009	0,113	FALSE
-0,123	0,292	-0,003	0,007	0,170	FALSE
0,041	0,305	0,001	0,008	0,040	FALSE
0,003	0,301	0,000	0,012	0,007	FALSE
-0,026	0,303	-0,002	0,012	0,053	FALSE
-0,053	0,306	-0,001	0,006	0,079	FALSE
-0,054	0,297	-0,002	0,008	0,080	FALSE
-0,106	0,290	-0,003	0,008	0,167	FALSE
0,047	0,305	0,002	0,011	0,075	FALSE
0,004	0,317	0,000	0,012	0,007	FALSE
-0,029	0,305	-0,001	0,012	0,030	FALSE
0,034	0,305	0,002	0,008	0,072	FALSE
0,055	0,303	0,002	0,009	0,110	FALSE
-0,095	0,296	-0,002	0,006	0,121	FALSE
-0,059	0,300	-0,001	0,006	0,059	FALSE
-0,109	0,304	-0,002	0,006	0,136	FALSE
-0,045	0,311	-0,004	0,013	0,109	FALSE
-0,044	0,311	-0,003	0,013	0,087	FALSE
-0,047	0,313	-0,003	0,013	0,099	FALSE
-0,090	0,300	-0,005	0,013	0,147	FALSE
0,030	0,299	0,002	0,012	0,067	FALSE
0,109	0,314	0,004	0,011	0,160	FALSE
-0,026	0,308	-0,001	0,006	0,038	FALSE
-0,020	0,295	-0,001	0,010	0,026	FALSE
-0,030	0,318	-0,002	0,013	0,060	FALSE
-0,080	0,301	-0,001	0,007	0,067	FALSE
-0,015	0,325	0,000	0,013	0,007	FALSE
-0,071	0,312	-0,003	0,012	0,092	FALSE
-0,017	0,309	0,000	0,009	0,008	FALSE
-0,027	0,306	0,000	0,008	0,017	FALSE
-0,051	0,312	-0,001	0,008	0,063	FALSE
0,054	0,310	0,002	0,013	0,060	FALSE
-0,042	0,303	-0,001	0,009	0,026	FALSE
-0,193	0,299	-0,007	0,011	0,276	FALSE
-0,220	0,298	-0,010	0,012	0,367	FALSE
0,188	0,301	0,007	0,011	0,283	FALSE
-0,201	0,305	-0,008	0,013	0,277	FALSE
0,041	0,298	0,001	0,012	0,035	FALSE
-0,077	0,305	-0,002	0,010	0,081	FALSE
-0,061	0,307	-0,001	0,006	0,085	FALSE
0,032	0,296	0,001	0,010	0,027	FALSE
0,025	0,301	0,000	0,010	0,014	FALSE
0,002	0,309	-0,001	0,010	0,019	FALSE
-0,237	0,296	-0,007	0,009	0,370	FALSE
-0,071	0,311	-0,004	0,013	0,112	FALSE
-0,125	0,302	-0,005	0,010	0,207	FALSE
-0,226	0,295	-0,006	0,008	0,368	FALSE
0,174	0,293	0,004	0,007	0,258	FALSE
-0,031	0,304	-0,001	0,007	0,035	FALSE
-0,044	0,301	-0,001	0,006	0,046	FALSE
0,076	0,311	0,002	0,007	0,096	FALSE
-0,160	0,297	-0,007	0,011	0,263	FALSE
-0,021	0,304	-0,001	0,011	0,045	FALSE

-0,053	0,302	-0,003	0,012	0,083	FALSE
-0,118	0,311	-0,003	0,007	0,164	FALSE
0,088	0,298	0,004	0,013	0,117	FALSE
0,018	0,304	0,001	0,012	0,016	FALSE
0,080	0,300	0,002	0,006	0,110	FALSE
0,019	0,296	0,001	0,010	0,038	FALSE
0,103	0,316	0,003	0,007	0,154	FALSE
0,024	0,307	0,000	0,011	0,008	FALSE
0,113	0,304	0,005	0,010	0,192	FALSE
-0,027	0,315	-0,001	0,007	0,060	FALSE
0,008	0,314	0,000	0,007	0,009	FALSE
-0,073	0,309	-0,002	0,009	0,080	FALSE
0,032	0,300	0,001	0,007	0,032	FALSE
0,070	0,300	0,002	0,007	0,083	FALSE
0,005	0,307	0,001	0,010	0,025	FALSE
0,035	0,308	0,001	0,012	0,031	FALSE
0,043	0,321	0,002	0,013	0,043	FALSE
0,076	0,310	0,003	0,012	0,077	FALSE
0,014	0,305	0,001	0,007	0,032	FALSE
0,008	0,301	0,000	0,006	0,002	FALSE
0,077	0,309	0,004	0,014	0,119	FALSE
0,033	0,319	0,002	0,010	0,062	FALSE
0,046	0,308	0,002	0,008	0,071	FALSE
0,078	0,310	0,003	0,010	0,106	FALSE
-0,023	0,298	-0,001	0,012	0,030	FALSE
-0,001	0,313	-0,001	0,011	0,031	FALSE
0,098	0,312	0,002	0,008	0,112	FALSE
0,019	0,298	0,000	0,007	0,013	FALSE
0,103	0,293	0,004	0,010	0,152	FALSE
0,064	0,300	0,002	0,011	0,073	FALSE
0,070	0,313	0,002	0,009	0,096	FALSE
0,010	0,308	0,000	0,008	0,005	FALSE
0,034	0,291	0,000	0,009	0,018	FALSE
0,065	0,303	0,002	0,009	0,079	FALSE
0,017	0,298	0,000	0,010	0,011	FALSE
0,088	0,317	0,003	0,009	0,113	FALSE
-0,029	0,315	-0,001	0,009	0,039	FALSE
0,121	0,298	0,005	0,011	0,176	FALSE
-0,097	0,301	-0,002	0,007	0,125	FALSE
-0,158	0,314	-0,005	0,010	0,227	FALSE
0,107	0,300	0,005	0,013	0,152	FALSE
0,111	0,313	0,005	0,013	0,143	FALSE
0,115	0,293	0,005	0,012	0,173	FALSE
0,037	0,295	0,002	0,011	0,049	FALSE
0,032	0,287	0,001	0,011	0,016	FALSE
-0,171	0,300	-0,004	0,007	0,241	FALSE
-0,043	0,307	-0,001	0,007	0,045	FALSE
0,085	0,308	0,001	0,008	0,061	FALSE
-0,001	0,304	0,001	0,012	0,038	FALSE
0,062	0,314	0,002	0,008	0,075	FALSE
-0,080	0,327	-0,002	0,013	0,068	FALSE
-0,059	0,298	-0,001	0,008	0,034	FALSE
-0,057	0,312	-0,001	0,007	0,057	FALSE

0,103	0,316	0,003	0,009	0,157	FALSE
-0,137	0,292	-0,003	0,006	0,177	FALSE
-0,027	0,306	-0,001	0,009	0,026	FALSE
-0,014	0,309	0,000	0,008	0,005	FALSE
0,065	0,312	0,002	0,007	0,096	FALSE
-0,048	0,308	-0,001	0,009	0,060	FALSE
-0,050	0,303	-0,002	0,011	0,058	FALSE
0,042	0,313	0,001	0,007	0,028	FALSE
-0,067	0,305	-0,001	0,007	0,072	FALSE
0,079	0,300	0,001	0,008	0,057	FALSE
-0,118	0,294	-0,003	0,010	0,115	FALSE
0,038	0,313	0,001	0,007	0,058	FALSE
0,100	0,294	0,002	0,009	0,106	FALSE
0,111	0,300	0,003	0,008	0,125	FALSE
0,015	0,313	0,000	0,012	0,013	FALSE
0,099	0,310	0,003	0,009	0,145	FALSE
0,002	0,318	-0,001	0,013	0,037	FALSE
-0,092	0,295	-0,004	0,011	0,124	FALSE
0,020	0,301	0,001	0,008	0,022	FALSE
0,011	0,303	0,000	0,007	0,005	FALSE
-0,036	0,303	-0,001	0,011	0,034	FALSE
0,001	0,320	0,000	0,014	0,003	FALSE
-0,018	0,312	-0,001	0,012	0,033	FALSE
-0,058	0,292	-0,003	0,009	0,106	FALSE
-0,051	0,302	-0,001	0,006	0,041	FALSE
-0,013	0,304	0,000	0,008	0,004	FALSE
-0,039	0,323	-0,002	0,011	0,054	FALSE
0,008	0,302	0,001	0,008	0,028	FALSE
0,030	0,292	0,000	0,010	0,003	FALSE
-0,118	0,292	-0,005	0,013	0,164	FALSE
-0,054	0,308	-0,002	0,009	0,066	FALSE
-0,051	0,307	-0,002	0,009	0,098	FALSE
-0,073	0,308	-0,003	0,013	0,102	FALSE
-0,069	0,316	-0,002	0,010	0,078	FALSE
0,007	0,307	0,001	0,012	0,029	FALSE
-0,041	0,292	-0,002	0,008	0,084	FALSE
-0,047	0,317	-0,002	0,010	0,075	FALSE
-0,049	0,304	-0,002	0,012	0,075	FALSE
0,029	0,307	0,001	0,011	0,036	FALSE
-0,025	0,311	-0,001	0,011	0,025	FALSE
0,030	0,313	0,001	0,007	0,057	FALSE
-0,038	0,299	-0,002	0,012	0,065	FALSE
0,099	0,304	0,003	0,008	0,174	FALSE
0,145	0,310	0,004	0,008	0,215	FALSE
0,074	0,305	0,002	0,007	0,085	FALSE
0,116	0,318	0,003	0,008	0,183	FALSE
0,035	0,318	0,001	0,011	0,020	FALSE
0,102	0,308	0,004	0,011	0,151	FALSE
-0,035	0,305	-0,001	0,006	0,039	FALSE
-0,084	0,307	-0,002	0,007	0,112	FALSE
0,063	0,299	0,002	0,007	0,095	FALSE
-0,006	0,294	0,001	0,008	0,038	FALSE
-0,074	0,306	-0,001	0,009	0,055	FALSE

0,068	0,312	0,001	0,007	0,082	FALSE
-0,103	0,305	-0,002	0,007	0,108	FALSE
-0,068	0,315	-0,002	0,012	0,066	FALSE
-0,122	0,302	-0,003	0,006	0,175	FALSE
-0,073	0,297	-0,003	0,012	0,080	FALSE
0,060	0,308	0,002	0,009	0,088	FALSE
0,081	0,317	0,003	0,010	0,116	FALSE
-0,103	0,303	-0,003	0,006	0,163	FALSE
0,072	0,291	0,003	0,011	0,114	FALSE
-0,052	0,317	-0,002	0,009	0,076	FALSE
-0,059	0,320	-0,002	0,009	0,080	FALSE
0,045	0,277	0,001	0,008	0,042	FALSE
0,013	0,305	0,001	0,013	0,026	FALSE
0,011	0,311	0,001	0,010	0,028	FALSE
-0,004	0,304	0,000	0,010	0,010	FALSE
-0,030	0,316	-0,001	0,009	0,038	FALSE
-0,016	0,306	0,000	0,009	0,014	FALSE
-0,183	0,291	-0,005	0,009	0,267	FALSE
-0,025	0,305	0,000	0,011	0,015	FALSE
0,058	0,310	0,002	0,011	0,080	FALSE
0,097	0,302	0,003	0,008	0,123	FALSE
0,078	0,305	0,003	0,009	0,115	FALSE
0,040	0,306	0,002	0,011	0,078	FALSE
0,013	0,308	0,001	0,010	0,034	FALSE
0,013	0,302	0,000	0,007	0,023	FALSE
0,043	0,306	0,003	0,012	0,086	FALSE
0,030	0,317	0,001	0,010	0,049	FALSE
-0,018	0,298	0,000	0,006	0,013	FALSE
0,046	0,307	0,001	0,010	0,051	FALSE
-0,155	0,307	-0,006	0,010	0,244	FALSE
-0,066	0,307	-0,003	0,011	0,095	FALSE
-0,109	0,305	-0,004	0,011	0,152	FALSE
-0,031	0,332	-0,001	0,012	0,040	FALSE
0,067	0,310	0,001	0,007	0,069	FALSE
-0,009	0,301	0,000	0,006	0,022	FALSE
0,021	0,311	0,000	0,006	0,022	FALSE
-0,016	0,311	-0,001	0,007	0,037	FALSE
0,048	0,304	0,001	0,007	0,054	FALSE
0,111	0,314	0,002	0,006	0,137	FALSE
0,073	0,309	0,001	0,007	0,081	FALSE
0,040	0,310	0,001	0,007	0,042	FALSE
0,054	0,307	0,002	0,012	0,068	FALSE
-0,139	0,302	-0,006	0,013	0,178	FALSE
-0,044	0,316	-0,001	0,008	0,043	FALSE
0,126	0,305	0,003	0,007	0,169	FALSE
0,088	0,307	0,002	0,008	0,113	FALSE
0,022	0,310	0,000	0,010	0,016	FALSE
0,138	0,305	0,006	0,012	0,222	FALSE
0,021	0,307	0,000	0,008	0,003	FALSE
0,027	0,307	0,000	0,007	0,001	FALSE
0,062	0,310	0,002	0,011	0,079	FALSE
-0,087	0,302	-0,003	0,011	0,116	FALSE
-0,030	0,312	-0,002	0,012	0,058	FALSE

0,069	0,293	0,004	0,012	0,133	FALSE
-0,031	0,299	-0,001	0,012	0,023	FALSE
-0,045	0,312	-0,002	0,011	0,072	FALSE
0,044	0,310	0,001	0,008	0,050	FALSE
0,140	0,312	0,003	0,008	0,165	FALSE
-0,043	0,300	-0,001	0,007	0,063	FALSE
-0,056	0,315	-0,002	0,009	0,068	FALSE
0,029	0,318	0,001	0,008	0,026	FALSE
0,062	0,306	0,002	0,010	0,090	FALSE
0,050	0,306	0,002	0,010	0,068	FALSE
-0,119	0,299	-0,005	0,013	0,176	FALSE
0,020	0,316	0,001	0,009	0,045	FALSE
-0,070	0,313	-0,003	0,013	0,089	FALSE
-0,177	0,307	-0,004	0,007	0,258	FALSE
0,037	0,303	0,001	0,010	0,025	FALSE
-0,036	0,298	-0,002	0,011	0,070	FALSE
-0,085	0,313	-0,005	0,013	0,154	FALSE
0,084	0,304	0,002	0,010	0,087	FALSE
-0,019	0,306	-0,001	0,008	0,027	FALSE
-0,005	0,316	0,000	0,007	0,006	FALSE
-0,070	0,312	-0,001	0,007	0,074	FALSE
0,004	0,305	0,000	0,007	0,004	FALSE
-0,006	0,304	0,000	0,008	0,000	FALSE
-0,049	0,303	-0,001	0,008	0,037	FALSE
-0,009	0,322	-0,001	0,009	0,033	FALSE
-0,033	0,310	-0,001	0,007	0,065	FALSE
0,023	0,318	0,000	0,013	0,006	FALSE
-0,036	0,314	-0,001	0,007	0,053	FALSE
-0,055	0,305	-0,002	0,008	0,087	FALSE
-0,051	0,324	-0,002	0,013	0,045	FALSE
-0,042	0,309	-0,002	0,012	0,047	FALSE
-0,032	0,311	-0,001	0,013	0,035	FALSE
-0,038	0,317	-0,001	0,013	0,035	FALSE
-0,032	0,313	-0,002	0,013	0,047	FALSE
-0,036	0,315	-0,002	0,013	0,043	FALSE
-0,039	0,309	-0,002	0,013	0,050	FALSE
-0,001	0,333	0,000	0,013	0,003	FALSE
-0,075	0,308	-0,002	0,007	0,123	FALSE
0,018	0,299	0,000	0,010	0,015	FALSE
-0,087	0,302	-0,003	0,012	0,094	FALSE
0,176	0,304	0,005	0,008	0,269	FALSE
-0,096	0,315	-0,004	0,011	0,145	FALSE
0,063	0,316	0,002	0,008	0,083	FALSE
-0,018	0,310	0,000	0,008	0,013	FALSE
0,129	0,318	0,005	0,011	0,185	FALSE
-0,036	0,312	-0,001	0,006	0,057	FALSE
0,066	0,313	0,003	0,011	0,094	FALSE
0,006	0,307	0,000	0,009	0,005	FALSE
-0,038	0,309	-0,001	0,011	0,028	FALSE
-0,026	0,314	-0,001	0,008	0,032	FALSE
0,018	0,291	0,001	0,008	0,024	FALSE
-0,032	0,308	-0,001	0,006	0,041	FALSE
-0,047	0,304	-0,001	0,012	0,032	FALSE

-0,052	0,300	-0,002	0,011	0,058	FALSE
-0,029	0,306	-0,001	0,009	0,031	FALSE
-0,048	0,308	-0,001	0,008	0,057	FALSE
-0,006	0,309	0,000	0,007	0,001	FALSE
0,042	0,297	0,001	0,008	0,061	FALSE
0,039	0,319	0,001	0,010	0,032	FALSE
0,009	0,329	0,000	0,013	0,010	FALSE
-0,003	0,319	0,000	0,013	0,005	FALSE
-0,010	0,310	-0,001	0,013	0,021	FALSE
-0,004	0,309	0,000	0,013	0,011	FALSE
0,014	0,317	0,000	0,013	0,011	FALSE
-0,022	0,311	-0,001	0,012	0,032	FALSE
0,011	0,333	0,000	0,014	0,008	FALSE
-0,011	0,319	-0,001	0,013	0,014	FALSE
-0,054	0,299	-0,002	0,011	0,066	FALSE
0,122	0,307	0,003	0,006	0,163	FALSE
-0,056	0,307	-0,001	0,007	0,078	FALSE
-0,056	0,317	-0,002	0,009	0,066	FALSE
0,156	0,298	0,007	0,012	0,236	FALSE
-0,144	0,300	-0,006	0,011	0,231	FALSE
-0,047	0,282	-0,002	0,009	0,067	FALSE
-0,179	0,304	-0,008	0,012	0,292	FALSE
0,007	0,300	-0,001	0,008	0,031	FALSE
-0,064	0,309	-0,001	0,006	0,074	FALSE
-0,050	0,311	-0,001	0,007	0,043	FALSE
0,029	0,314	0,001	0,010	0,045	FALSE
-0,020	0,293	-0,001	0,008	0,024	FALSE
0,012	0,306	-0,001	0,010	0,020	FALSE
-0,074	0,320	-0,001	0,006	0,068	FALSE
-0,105	0,300	-0,002	0,009	0,099	FALSE
-0,021	0,303	-0,001	0,011	0,029	FALSE
0,151	0,302	0,006	0,012	0,196	FALSE
-0,074	0,312	-0,001	0,007	0,063	FALSE
0,013	0,305	0,001	0,006	0,038	FALSE
0,080	0,297	0,002	0,008	0,105	FALSE
0,010	0,299	0,000	0,008	0,019	FALSE
-0,002	0,310	0,000	0,008	0,003	FALSE
0,026	0,315	0,001	0,007	0,034	FALSE
-0,041	0,301	-0,001	0,009	0,049	FALSE
-0,050	0,304	-0,001	0,009	0,064	FALSE
-0,026	0,298	-0,001	0,009	0,024	FALSE
-0,060	0,299	-0,002	0,009	0,077	FALSE
-0,052	0,295	-0,002	0,010	0,069	FALSE
-0,093	0,305	-0,003	0,008	0,128	FALSE
-0,043	0,310	-0,004	0,013	0,106	FALSE
-0,018	0,304	-0,002	0,013	0,057	FALSE
-0,135	0,305	-0,004	0,008	0,205	FALSE
-0,095	0,314	-0,002	0,009	0,102	FALSE
0,007	0,306	0,000	0,008	0,000	FALSE
0,084	0,317	0,002	0,007	0,117	FALSE
-0,032	0,320	-0,001	0,010	0,023	FALSE
0,059	0,308	0,001	0,009	0,032	FALSE
0,118	0,305	0,003	0,010	0,124	FALSE

-0,043	0,319	-0,002	0,011	0,062	FALSE
-0,111	0,304	-0,005	0,012	0,192	FALSE
-0,058	0,311	-0,001	0,007	0,062	FALSE
-0,078	0,315	-0,002	0,012	0,078	FALSE
-0,151	0,304	-0,005	0,009	0,235	FALSE
-0,094	0,315	-0,004	0,012	0,120	FALSE
-0,106	0,317	-0,003	0,009	0,147	FALSE
0,031	0,309	0,000	0,009	0,004	FALSE
-0,086	0,306	-0,003	0,010	0,128	FALSE
0,196	0,296	0,005	0,006	0,323	FALSE
0,065	0,316	0,002	0,011	0,070	FALSE
0,147	0,307	0,003	0,007	0,179	FALSE
0,101	0,314	0,002	0,006	0,106	FALSE
-0,090	0,312	-0,003	0,010	0,098	FALSE
0,007	0,298	0,000	0,007	0,014	FALSE
0,013	0,311	0,000	0,008	0,018	FALSE
-0,065	0,298	-0,001	0,007	0,069	FALSE
-0,102	0,309	-0,003	0,011	0,125	FALSE
-0,123	0,310	-0,004	0,010	0,159	FALSE
0,146	0,307	0,006	0,012	0,204	FALSE
-0,120	0,307	-0,004	0,010	0,173	FALSE
0,161	0,316	0,007	0,013	0,243	FALSE
-0,021	0,291	0,000	0,008	0,009	FALSE
-0,013	0,306	0,000	0,009	0,009	FALSE
0,049	0,314	0,002	0,010	0,071	FALSE
-0,085	0,285	-0,002	0,009	0,101	FALSE
-0,018	0,306	-0,001	0,013	0,030	FALSE
-0,046	0,296	0,000	0,006	0,025	FALSE
-0,060	0,300	-0,001	0,007	0,053	FALSE
-0,056	0,308	-0,001	0,006	0,051	FALSE
-0,043	0,310	-0,002	0,013	0,049	FALSE
-0,139	0,309	-0,003	0,007	0,167	FALSE
-0,123	0,315	-0,002	0,006	0,154	FALSE
-0,143	0,312	-0,003	0,007	0,173	FALSE
-0,176	0,301	-0,003	0,006	0,231	FALSE
-0,234	0,306	-0,007	0,010	0,352	FALSE
0,082	0,305	0,002	0,007	0,118	FALSE
0,043	0,309	0,001	0,007	0,029	FALSE
0,085	0,297	0,004	0,011	0,141	FALSE
0,022	0,304	0,001	0,008	0,049	FALSE
-0,097	0,290	-0,003	0,010	0,118	FALSE
-0,133	0,300	-0,004	0,008	0,193	FALSE
-0,071	0,319	-0,003	0,013	0,083	FALSE
0,089	0,305	0,004	0,009	0,166	FALSE
-0,112	0,291	-0,004	0,010	0,138	FALSE
0,086	0,291	0,002	0,007	0,118	FALSE
-0,101	0,296	-0,004	0,011	0,132	FALSE
-0,009	0,317	-0,001	0,013	0,017	FALSE
0,017	0,300	0,000	0,012	0,014	FALSE
0,123	0,297	0,004	0,009	0,208	FALSE
-0,060	0,311	-0,002	0,011	0,070	FALSE
-0,052	0,315	-0,002	0,012	0,053	FALSE
-0,040	0,300	-0,001	0,011	0,048	FALSE

-0,060	0,292	-0,002	0,012	0,069	FALSE
-0,092	0,305	-0,004	0,012	0,128	FALSE
-0,020	0,296	-0,001	0,009	0,048	FALSE
0,005	0,315	0,001	0,009	0,021	FALSE
0,049	0,302	0,002	0,008	0,081	FALSE
-0,044	0,312	-0,003	0,012	0,093	FALSE
-0,061	0,306	-0,003	0,010	0,096	FALSE
-0,064	0,314	-0,002	0,008	0,079	FALSE
-0,170	0,309	-0,004	0,007	0,224	FALSE
0,033	0,309	0,001	0,010	0,022	FALSE
0,007	0,304	0,000	0,009	0,010	FALSE
0,100	0,303	0,003	0,008	0,143	FALSE
-0,076	0,298	-0,003	0,009	0,124	FALSE
0,026	0,294	0,000	0,007	0,020	FALSE
0,062	0,295	0,001	0,007	0,059	FALSE
-0,049	0,305	-0,001	0,009	0,058	FALSE
0,042	0,310	0,001	0,008	0,040	FALSE
-0,027	0,303	0,000	0,007	0,002	FALSE
0,080	0,294	0,002	0,012	0,069	FALSE
-0,003	0,312	0,000	0,007	0,022	FALSE
0,041	0,314	0,002	0,013	0,060	FALSE
0,036	0,313	0,001	0,013	0,024	FALSE
0,025	0,303	0,000	0,011	0,014	FALSE
-0,010	0,323	-0,001	0,009	0,024	FALSE
0,015	0,310	0,001	0,010	0,026	FALSE
0,027	0,324	0,001	0,013	0,025	FALSE
0,020	0,310	0,001	0,006	0,030	FALSE
-0,043	0,307	-0,002	0,013	0,067	FALSE
0,089	0,311	0,002	0,011	0,067	FALSE
-0,017	0,321	-0,001	0,007	0,042	FALSE
0,002	0,292	-0,001	0,006	0,029	FALSE
0,000	0,310	-0,001	0,012	0,019	FALSE
0,043	0,304	0,000	0,008	0,020	FALSE
0,095	0,309	0,002	0,008	0,114	FALSE
0,123	0,315	0,003	0,008	0,144	FALSE
0,162	0,292	0,005	0,009	0,218	FALSE
0,085	0,319	0,002	0,009	0,081	FALSE
0,001	0,299	0,001	0,012	0,019	FALSE
-0,143	0,305	-0,004	0,010	0,182	FALSE
-0,044	0,312	-0,002	0,013	0,057	FALSE
-0,158	0,302	-0,005	0,008	0,233	FALSE
0,117	0,317	0,003	0,007	0,144	FALSE
0,032	0,297	0,001	0,009	0,060	FALSE
0,029	0,312	0,001	0,006	0,032	FALSE
-0,029	0,307	-0,001	0,011	0,021	FALSE
-0,043	0,306	-0,003	0,012	0,080	FALSE
-0,050	0,296	-0,001	0,008	0,067	FALSE
0,039	0,301	0,001	0,007	0,036	FALSE
-0,082	0,319	-0,003	0,010	0,126	FALSE
-0,100	0,316	-0,004	0,011	0,154	FALSE
-0,004	0,319	0,000	0,008	0,008	FALSE
-0,017	0,301	0,000	0,007	0,009	FALSE
-0,137	0,302	-0,003	0,007	0,147	FALSE

-0,111	0,305	-0,002	0,007	0,139	FALSE
0,077	0,289	0,003	0,009	0,120	FALSE
-0,124	0,318	-0,005	0,012	0,152	FALSE
-0,014	0,330	0,000	0,010	0,015	FALSE
0,132	0,301	0,003	0,008	0,162	FALSE
0,129	0,308	0,003	0,008	0,170	FALSE
0,013	0,313	0,000	0,007	0,009	FALSE
-0,132	0,286	-0,003	0,008	0,165	FALSE
-0,085	0,297	-0,003	0,010	0,108	FALSE
0,012	0,299	0,000	0,007	0,008	FALSE
0,014	0,311	0,000	0,010	0,014	FALSE
-0,221	0,284	-0,010	0,012	0,407	FALSE
-0,018	0,307	0,000	0,010	0,005	FALSE
0,012	0,303	0,001	0,007	0,030	FALSE
-0,092	0,317	-0,003	0,009	0,132	FALSE
-0,082	0,302	-0,003	0,009	0,113	FALSE
0,046	0,302	0,001	0,011	0,041	FALSE
0,009	0,316	0,000	0,013	0,000	FALSE
-0,114	0,308	-0,003	0,007	0,153	FALSE
0,003	0,309	0,000	0,007	0,014	FALSE
-0,060	0,328	-0,002	0,010	0,066	FALSE
0,050	0,305	0,002	0,011	0,054	FALSE
0,177	0,300	0,005	0,008	0,272	FALSE
0,015	0,289	0,000	0,009	0,007	FALSE
-0,003	0,301	-0,001	0,013	0,035	FALSE
-0,033	0,310	-0,002	0,012	0,070	FALSE
-0,031	0,315	0,000	0,009	0,015	FALSE
0,174	0,299	0,005	0,007	0,283	FALSE
-0,051	0,309	-0,001	0,007	0,065	FALSE
-0,061	0,320	-0,001	0,007	0,071	FALSE
0,006	0,310	0,000	0,007	0,005	FALSE
-0,042	0,293	-0,001	0,007	0,055	FALSE
0,162	0,305	0,004	0,008	0,229	FALSE
-0,021	0,312	0,000	0,008	0,018	FALSE
-0,011	0,295	-0,001	0,010	0,022	FALSE
-0,062	0,311	-0,001	0,008	0,062	FALSE
0,030	0,313	0,001	0,010	0,052	FALSE
-0,078	0,315	-0,002	0,008	0,080	FALSE
-0,009	0,311	0,000	0,010	0,011	FALSE
-0,014	0,305	0,000	0,009	0,016	FALSE
-0,002	0,309	0,000	0,009	0,008	FALSE
0,141	0,289	0,004	0,010	0,190	FALSE
0,137	0,300	0,004	0,010	0,163	FALSE
-0,020	0,307	0,000	0,008	0,008	FALSE
0,025	0,306	0,001	0,013	0,017	FALSE
-0,138	0,307	-0,004	0,011	0,148	FALSE
-0,148	0,307	-0,006	0,013	0,200	FALSE
0,083	0,310	0,002	0,007	0,139	FALSE
-0,091	0,312	-0,002	0,008	0,100	FALSE
-0,075	0,304	-0,003	0,012	0,100	FALSE
0,099	0,318	0,002	0,008	0,122	FALSE
-0,167	0,302	-0,006	0,011	0,247	FALSE
-0,122	0,307	-0,005	0,013	0,154	FALSE

-0,136	0,310	-0,004	0,008	0,188	FALSE
0,070	0,301	0,002	0,010	0,070	FALSE
0,104	0,306	0,004	0,012	0,112	FALSE
0,008	0,297	0,001	0,007	0,032	FALSE
0,059	0,318	0,001	0,008	0,062	FALSE
0,101	0,307	0,002	0,008	0,114	FALSE
-0,049	0,306	-0,002	0,012	0,054	FALSE
0,056	0,303	0,002	0,012	0,048	FALSE
0,087	0,302	0,002	0,007	0,111	FALSE
0,034	0,293	0,001	0,013	0,029	FALSE
0,051	0,308	0,001	0,007	0,053	FALSE
0,131	0,314	0,004	0,009	0,176	FALSE
-0,104	0,298	-0,004	0,011	0,149	FALSE
0,149	0,310	0,006	0,012	0,206	FALSE
0,159	0,299	0,007	0,012	0,239	FALSE
0,155	0,291	0,006	0,011	0,243	FALSE
0,054	0,316	0,002	0,009	0,078	FALSE
-0,023	0,321	-0,001	0,007	0,028	FALSE
0,028	0,313	0,001	0,009	0,049	FALSE
0,097	0,315	0,003	0,007	0,157	FALSE
0,067	0,309	0,003	0,011	0,116	FALSE
-0,023	0,308	-0,001	0,007	0,035	FALSE
-0,121	0,295	-0,004	0,009	0,181	FALSE
-0,034	0,303	-0,001	0,006	0,051	FALSE
0,052	0,311	0,002	0,013	0,053	FALSE
0,109	0,307	0,002	0,006	0,136	FALSE
0,063	0,309	0,002	0,011	0,069	FALSE
0,087	0,302	0,002	0,006	0,122	FALSE
-0,117	0,301	-0,005	0,012	0,164	FALSE
-0,031	0,315	-0,001	0,008	0,044	FALSE
-0,013	0,308	-0,001	0,008	0,037	FALSE
0,034	0,315	0,001	0,011	0,033	FALSE
0,078	0,307	0,002	0,007	0,106	FALSE
-0,073	0,310	-0,001	0,006	0,088	FALSE
-0,015	0,299	-0,001	0,011	0,039	FALSE
0,045	0,297	0,001	0,012	0,044	FALSE
0,098	0,315	0,003	0,008	0,133	FALSE
-0,095	0,294	-0,002	0,007	0,129	FALSE
-0,008	0,307	-0,001	0,012	0,027	FALSE
0,073	0,300	0,002	0,012	0,070	FALSE
0,094	0,300	0,004	0,012	0,128	FALSE
-0,053	0,294	-0,002	0,007	0,090	FALSE
0,028	0,297	0,001	0,007	0,038	FALSE
-0,050	0,306	-0,001	0,009	0,022	FALSE
0,165	0,308	0,004	0,008	0,215	FALSE
0,003	0,304	0,000	0,007	0,023	FALSE
0,107	0,311	0,005	0,013	0,140	FALSE
-0,090	0,299	-0,004	0,012	0,112	FALSE
0,060	0,313	0,003	0,012	0,103	FALSE
0,102	0,314	0,002	0,008	0,099	FALSE
-0,008	0,293	0,000	0,006	0,010	FALSE
-0,063	0,315	-0,002	0,011	0,076	FALSE
-0,036	0,302	-0,002	0,011	0,058	FALSE

-0,094	0,304	-0,002	0,007	0,091	FALSE
-0,049	0,310	-0,001	0,010	0,051	FALSE
0,104	0,327	0,003	0,008	0,139	FALSE
-0,012	0,325	0,000	0,013	0,010	FALSE
0,022	0,309	0,001	0,012	0,024	FALSE
-0,001	0,308	0,000	0,013	0,012	FALSE
-0,006	0,311	0,000	0,008	0,001	FALSE
-0,029	0,307	-0,002	0,013	0,069	FALSE
-0,027	0,309	-0,003	0,013	0,076	FALSE
-0,032	0,293	-0,002	0,012	0,066	FALSE
-0,061	0,319	-0,002	0,008	0,106	FALSE
-0,164	0,296	-0,003	0,006	0,227	FALSE
-0,001	0,315	0,000	0,011	0,001	FALSE
0,045	0,308	0,003	0,012	0,091	FALSE
0,046	0,306	0,001	0,008	0,055	FALSE
-0,017	0,314	0,000	0,009	0,001	FALSE
-0,084	0,328	-0,002	0,007	0,100	FALSE
-0,059	0,310	-0,001	0,008	0,053	FALSE
0,043	0,309	0,002	0,010	0,074	FALSE
0,035	0,299	0,002	0,011	0,064	FALSE
0,017	0,307	0,000	0,011	0,006	FALSE
-0,052	0,298	-0,001	0,007	0,050	FALSE
0,020	0,285	0,000	0,011	0,008	FALSE
-0,013	0,321	0,000	0,009	0,008	FALSE
0,002	0,309	0,000	0,007	0,007	FALSE
-0,137	0,302	-0,006	0,012	0,188	FALSE
-0,002	0,300	0,000	0,008	0,018	FALSE
-0,108	0,296	-0,003	0,010	0,137	FALSE
-0,029	0,296	-0,001	0,008	0,026	FALSE
-0,030	0,298	-0,002	0,010	0,069	FALSE
-0,049	0,287	-0,001	0,007	0,066	FALSE
0,078	0,296	0,002	0,010	0,073	FALSE
0,002	0,309	0,000	0,012	0,000	FALSE
0,046	0,308	0,001	0,010	0,046	FALSE
0,061	0,296	0,001	0,008	0,068	FALSE
-0,017	0,326	-0,001	0,013	0,021	FALSE
0,018	0,314	0,001	0,010	0,029	FALSE
-0,092	0,298	-0,002	0,006	0,108	FALSE
-0,008	0,301	0,000	0,010	0,005	FALSE
-0,026	0,312	0,000	0,008	0,013	FALSE
0,043	0,327	0,001	0,010	0,047	FALSE
-0,111	0,310	-0,003	0,009	0,146	FALSE
-0,020	0,298	-0,001	0,010	0,031	FALSE
0,050	0,308	0,002	0,012	0,074	FALSE
0,019	0,309	0,000	0,011	0,009	FALSE
0,003	0,309	0,000	0,010	0,007	FALSE
0,202	0,293	0,005	0,006	0,318	FALSE
0,089	0,301	0,004	0,013	0,136	FALSE
0,074	0,299	0,004	0,012	0,129	FALSE
0,119	0,297	0,004	0,009	0,187	FALSE
-0,002	0,318	0,001	0,011	0,020	FALSE
0,018	0,306	0,001	0,011	0,034	FALSE
0,097	0,325	0,003	0,010	0,133	FALSE

-0,006	0,305	0,000	0,008	0,007	FALSE
-0,109	0,309	-0,004	0,010	0,145	FALSE
-0,108	0,299	-0,004	0,011	0,128	FALSE
0,036	0,305	0,001	0,006	0,069	FALSE
0,024	0,306	0,000	0,009	0,007	FALSE
-0,106	0,310	-0,003	0,007	0,133	FALSE
0,136	0,313	0,003	0,007	0,192	FALSE
-0,087	0,306	-0,002	0,008	0,092	FALSE
0,026	0,308	0,001	0,009	0,037	FALSE
0,170	0,297	0,004	0,006	0,265	FALSE
-0,077	0,316	-0,003	0,010	0,094	FALSE
-0,003	0,295	-0,001	0,012	0,020	FALSE
0,131	0,309	0,003	0,007	0,192	FALSE
0,082	0,313	0,003	0,011	0,089	FALSE
-0,134	0,311	-0,005	0,010	0,200	FALSE
-0,004	0,307	-0,001	0,008	0,026	FALSE
-0,019	0,312	0,000	0,009	0,006	FALSE
0,046	0,309	0,002	0,011	0,077	FALSE
0,046	0,306	0,001	0,006	0,044	FALSE
0,092	0,320	0,002	0,007	0,092	FALSE
0,051	0,316	0,001	0,014	0,038	FALSE
0,097	0,301	0,004	0,011	0,150	FALSE
-0,114	0,299	-0,004	0,009	0,170	FALSE
-0,073	0,317	-0,002	0,010	0,076	FALSE
0,002	0,308	0,000	0,011	0,013	FALSE
0,118	0,306	0,003	0,007	0,207	FALSE
-0,114	0,309	-0,003	0,008	0,146	FALSE
0,105	0,302	0,004	0,012	0,138	FALSE
0,167	0,307	0,005	0,008	0,241	FALSE
-0,058	0,320	-0,001	0,007	0,080	FALSE
-0,038	0,298	-0,001	0,009	0,023	FALSE
-0,108	0,315	-0,002	0,007	0,130	FALSE
-0,004	0,313	0,000	0,007	0,005	FALSE
0,060	0,315	0,002	0,008	0,083	FALSE
-0,227	0,297	-0,009	0,012	0,333	FALSE
0,086	0,310	0,003	0,012	0,106	FALSE
-0,209	0,303	-0,008	0,012	0,299	FALSE
-0,132	0,312	-0,006	0,012	0,211	FALSE
-0,118	0,302	-0,003	0,007	0,172	FALSE
-0,135	0,304	-0,006	0,012	0,209	FALSE
-0,013	0,307	0,000	0,008	0,001	FALSE
-0,142	0,293	-0,006	0,011	0,238	FALSE
-0,137	0,309	-0,006	0,012	0,214	FALSE
-0,142	0,301	-0,006	0,012	0,219	FALSE
0,017	0,314	0,001	0,013	0,021	FALSE
-0,068	0,296	-0,001	0,008	0,069	FALSE
0,031	0,294	0,001	0,007	0,042	FALSE
-0,098	0,302	-0,002	0,007	0,117	FALSE
0,053	0,312	0,001	0,007	0,067	FALSE
0,044	0,314	0,002	0,011	0,051	FALSE
0,044	0,303	0,001	0,007	0,056	FALSE
0,063	0,304	0,001	0,006	0,079	FALSE
0,066	0,306	0,003	0,013	0,086	FALSE

0,052	0,317	0,002	0,009	0,063	FALSE
0,059	0,313	0,002	0,009	0,080	FALSE
-0,077	0,324	-0,003	0,013	0,096	FALSE
0,035	0,307	0,001	0,007	0,049	FALSE
-0,090	0,305	-0,003	0,008	0,135	FALSE
-0,018	0,304	-0,001	0,008	0,023	FALSE
-0,050	0,303	-0,001	0,007	0,044	FALSE
-0,143	0,305	-0,006	0,013	0,189	FALSE
-0,148	0,305	-0,007	0,013	0,218	FALSE
-0,134	0,306	-0,006	0,013	0,183	FALSE
-0,145	0,305	-0,006	0,013	0,189	FALSE
-0,132	0,320	-0,005	0,014	0,155	FALSE
-0,126	0,322	-0,005	0,013	0,155	FALSE
-0,116	0,319	-0,005	0,013	0,148	FALSE
-0,137	0,309	-0,005	0,011	0,195	FALSE
-0,012	0,310	0,000	0,012	0,009	FALSE
0,017	0,311	0,001	0,012	0,027	FALSE
0,081	0,312	0,002	0,006	0,094	FALSE
0,138	0,301	0,006	0,010	0,232	FALSE
0,109	0,307	0,003	0,007	0,187	FALSE
0,002	0,314	-0,001	0,012	0,028	FALSE
0,174	0,309	0,006	0,009	0,275	FALSE
-0,109	0,301	-0,003	0,007	0,144	FALSE
0,041	0,301	0,001	0,007	0,052	FALSE
0,010	0,317	0,000	0,013	0,004	FALSE
-0,073	0,305	-0,002	0,007	0,085	FALSE
0,114	0,300	0,003	0,007	0,160	FALSE
-0,127	0,292	-0,004	0,011	0,157	FALSE
0,096	0,304	0,002	0,008	0,094	FALSE
0,101	0,299	0,002	0,008	0,105	FALSE
-0,195	0,304	-0,008	0,012	0,300	FALSE
-0,061	0,293	-0,001	0,008	0,060	FALSE
0,103	0,299	0,004	0,010	0,166	FALSE
0,016	0,305	0,000	0,007	0,002	FALSE
0,003	0,298	0,000	0,006	0,002	FALSE
-0,029	0,315	-0,001	0,013	0,034	FALSE
0,008	0,316	0,000	0,007	0,000	FALSE
-0,007	0,316	0,000	0,009	0,016	FALSE
-0,002	0,316	0,000	0,009	0,006	FALSE
0,016	0,307	0,001	0,013	0,030	FALSE
-0,098	0,292	-0,004	0,012	0,123	FALSE
0,011	0,300	0,001	0,007	0,037	FALSE
-0,055	0,288	-0,001	0,008	0,061	FALSE
-0,040	0,303	-0,001	0,008	0,033	FALSE
-0,033	0,318	-0,002	0,009	0,070	FALSE
-0,112	0,293	-0,005	0,013	0,149	FALSE
-0,033	0,293	-0,001	0,008	0,026	FALSE
0,088	0,284	0,005	0,012	0,168	FALSE
-0,063	0,325	-0,002	0,010	0,069	FALSE
-0,039	0,317	-0,001	0,010	0,039	FALSE
-0,010	0,306	-0,001	0,013	0,026	FALSE
-0,024	0,341	-0,001	0,010	0,025	FALSE
0,041	0,287	0,001	0,012	0,028	FALSE

0,119	0,301	0,005	0,013	0,169	FALSE
-0,103	0,312	-0,004	0,013	0,140	FALSE
0,006	0,294	0,000	0,007	0,009	FALSE
-0,073	0,305	-0,002	0,007	0,095	FALSE
-0,099	0,308	-0,004	0,012	0,139	FALSE
0,054	0,310	0,002	0,009	0,097	FALSE
-0,035	0,305	-0,002	0,012	0,071	FALSE
0,091	0,309	0,002	0,007	0,095	FALSE
0,081	0,311	0,002	0,008	0,100	FALSE
0,090	0,317	0,003	0,011	0,096	FALSE
-0,017	0,303	-0,001	0,007	0,036	FALSE
-0,061	0,312	-0,002	0,007	0,101	FALSE
-0,026	0,313	-0,001	0,010	0,031	FALSE
0,122	0,303	0,006	0,013	0,198	FALSE
0,049	0,307	0,002	0,011	0,058	FALSE
0,090	0,309	0,002	0,007	0,121	FALSE
0,061	0,307	0,001	0,006	0,088	FALSE
-0,041	0,313	-0,001	0,009	0,034	FALSE
0,107	0,316	0,004	0,009	0,157	FALSE
0,034	0,305	0,002	0,010	0,070	FALSE
0,025	0,311	0,002	0,009	0,060	FALSE
0,073	0,304	0,002	0,010	0,070	FALSE
0,078	0,306	0,002	0,010	0,089	FALSE
0,000	0,302	0,000	0,008	0,008	FALSE
-0,071	0,313	-0,003	0,013	0,093	FALSE
-0,008	0,312	0,000	0,009	0,006	FALSE
-0,010	0,298	0,000	0,008	0,003	FALSE
-0,054	0,312	-0,002	0,012	0,067	FALSE
-0,021	0,323	-0,001	0,013	0,025	FALSE
-0,087	0,312	-0,004	0,012	0,115	FALSE
-0,115	0,303	-0,005	0,012	0,190	FALSE
-0,085	0,302	-0,004	0,013	0,132	FALSE
-0,044	0,312	-0,001	0,007	0,029	FALSE
0,056	0,315	0,001	0,008	0,045	FALSE
0,053	0,312	0,003	0,010	0,100	FALSE
0,178	0,287	0,003	0,006	0,222	FALSE
-0,052	0,298	-0,003	0,009	0,111	FALSE
-0,092	0,321	-0,003	0,012	0,101	FALSE
0,077	0,307	0,002	0,008	0,095	FALSE
-0,155	0,302	-0,004	0,008	0,182	FALSE
0,003	0,313	0,000	0,007	0,012	FALSE
-0,056	0,312	-0,002	0,009	0,086	FALSE
-0,154	0,307	-0,005	0,011	0,194	FALSE
0,000	0,300	0,000	0,007	0,007	FALSE
-0,028	0,314	0,000	0,007	0,016	FALSE
0,050	0,316	0,002	0,012	0,080	FALSE
0,083	0,313	0,003	0,012	0,112	FALSE
0,004	0,329	0,000	0,014	0,010	FALSE
0,018	0,313	0,000	0,013	0,005	FALSE
0,144	0,320	0,003	0,007	0,210	FALSE
0,015	0,315	0,000	0,007	0,018	FALSE
-0,014	0,304	-0,001	0,008	0,023	FALSE
0,042	0,300	0,001	0,009	0,056	FALSE

-0,006	0,320	-0,001	0,012	0,027	FALSE
0,016	0,314	0,000	0,009	0,018	FALSE
0,014	0,312	0,000	0,009	0,011	FALSE
-0,017	0,300	-0,001	0,010	0,029	FALSE
-0,099	0,291	-0,002	0,006	0,121	FALSE
-0,066	0,296	-0,003	0,011	0,107	FALSE
0,021	0,317	0,001	0,008	0,030	FALSE
-0,047	0,295	-0,001	0,006	0,029	FALSE
0,164	0,303	0,004	0,007	0,239	FALSE
0,056	0,310	0,001	0,008	0,064	FALSE
0,164	0,301	0,003	0,006	0,221	FALSE
-0,116	0,302	-0,004	0,012	0,120	FALSE
-0,198	0,294	-0,007	0,012	0,249	FALSE
0,040	0,318	0,001	0,008	0,071	FALSE
-0,021	0,313	-0,001	0,009	0,049	FALSE
0,071	0,296	0,002	0,007	0,111	FALSE
0,012	0,309	0,000	0,010	0,004	FALSE
-0,111	0,307	-0,004	0,011	0,129	FALSE
0,064	0,303	0,002	0,010	0,082	FALSE
-0,015	0,290	0,000	0,006	0,013	FALSE
0,020	0,308	0,001	0,013	0,022	FALSE
-0,058	0,308	-0,001	0,008	0,049	FALSE
0,031	0,307	0,001	0,012	0,032	FALSE
-0,020	0,330	0,000	0,013	0,013	FALSE
0,016	0,315	0,001	0,013	0,017	FALSE
0,020	0,319	0,001	0,013	0,026	FALSE
-0,002	0,337	0,000	0,014	0,003	FALSE
0,030	0,321	0,001	0,013	0,040	FALSE
-0,008	0,317	0,000	0,013	0,002	FALSE
0,005	0,313	0,000	0,013	0,004	FALSE
0,002	0,323	0,000	0,013	0,009	FALSE
-0,003	0,318	0,000	0,013	0,001	FALSE
0,001	0,314	0,000	0,013	0,010	FALSE
0,038	0,300	0,001	0,006	0,071	FALSE
-0,039	0,320	-0,001	0,012	0,036	FALSE
-0,026	0,307	-0,001	0,012	0,017	FALSE
-0,012	0,319	-0,001	0,013	0,019	FALSE
0,019	0,320	0,001	0,013	0,021	FALSE
0,018	0,311	0,001	0,013	0,023	FALSE
-0,022	0,332	-0,001	0,013	0,023	FALSE
0,012	0,321	0,000	0,013	0,009	FALSE
-0,001	0,319	0,000	0,013	0,002	FALSE
-0,009	0,322	0,000	0,013	0,005	FALSE
0,002	0,322	0,000	0,013	0,002	FALSE
-0,040	0,296	-0,001	0,008	0,024	FALSE
-0,045	0,302	-0,001	0,009	0,052	FALSE
-0,084	0,298	-0,002	0,007	0,120	FALSE
0,120	0,298	0,004	0,009	0,158	FALSE
0,126	0,315	0,005	0,012	0,156	FALSE
0,060	0,305	0,002	0,007	0,119	FALSE
-0,160	0,301	-0,006	0,012	0,213	FALSE
0,051	0,315	0,000	0,007	0,024	FALSE
-0,111	0,296	-0,005	0,012	0,150	FALSE

-0,169	0,298	-0,006	0,010	0,260	FALSE
-0,092	0,303	-0,004	0,012	0,123	FALSE
0,073	0,302	0,002	0,006	0,140	FALSE
-0,006	0,308	-0,001	0,012	0,032	FALSE
-0,215	0,302	-0,009	0,012	0,329	FALSE
0,083	0,302	0,003	0,010	0,126	FALSE
0,048	0,306	0,001	0,008	0,063	FALSE
-0,110	0,298	-0,003	0,008	0,131	FALSE
-0,025	0,313	0,000	0,007	0,012	FALSE
-0,009	0,284	0,000	0,009	0,006	FALSE
-0,045	0,295	-0,001	0,008	0,058	FALSE
0,046	0,302	0,002	0,011	0,082	FALSE
0,184	0,302	0,004	0,006	0,275	FALSE
0,186	0,283	0,004	0,006	0,310	FALSE
-0,084	0,288	-0,003	0,012	0,092	FALSE
-0,106	0,310	-0,002	0,007	0,122	FALSE
-0,080	0,312	-0,002	0,007	0,108	FALSE
-0,031	0,315	-0,001	0,007	0,033	FALSE
-0,080	0,302	-0,004	0,012	0,121	FALSE
0,068	0,312	0,002	0,009	0,073	FALSE
0,039	0,314	0,002	0,012	0,054	FALSE
-0,005	0,316	0,000	0,008	0,005	FALSE
0,120	0,280	0,005	0,012	0,174	FALSE
0,152	0,292	0,007	0,013	0,211	FALSE
-0,211	0,297	-0,006	0,009	0,311	FALSE
-0,104	0,304	-0,002	0,007	0,107	FALSE
-0,022	0,294	-0,001	0,009	0,025	FALSE
0,001	0,297	0,000	0,007	0,020	FALSE
-0,022	0,309	0,000	0,011	0,013	FALSE
0,050	0,317	0,001	0,010	0,052	FALSE
-0,036	0,301	-0,001	0,006	0,065	FALSE
0,034	0,317	0,001	0,008	0,060	FALSE
-0,002	0,312	0,000	0,009	0,016	FALSE
0,049	0,309	0,002	0,010	0,065	FALSE
0,011	0,306	0,001	0,007	0,033	FALSE
0,024	0,312	0,000	0,010	0,007	FALSE
-0,228	0,275	-0,009	0,010	0,409	FALSE
0,016	0,313	0,001	0,009	0,043	FALSE
0,092	0,307	0,003	0,011	0,098	FALSE
0,119	0,318	0,005	0,012	0,157	FALSE
-0,032	0,299	-0,001	0,007	0,073	FALSE
-0,020	0,295	-0,001	0,007	0,061	FALSE
-0,126	0,293	-0,003	0,009	0,151	FALSE
-0,031	0,297	-0,001	0,007	0,074	FALSE
0,049	0,304	0,002	0,012	0,066	FALSE
-0,168	0,280	-0,005	0,009	0,224	FALSE
0,057	0,296	0,003	0,010	0,105	FALSE
-0,047	0,309	-0,001	0,007	0,052	FALSE
0,126	0,325	0,005	0,012	0,182	FALSE
0,106	0,310	0,005	0,012	0,159	FALSE
-0,024	0,297	0,000	0,007	0,014	FALSE
0,108	0,304	0,004	0,012	0,119	FALSE
0,046	0,300	0,002	0,009	0,090	FALSE

0,020	0,310	0,001	0,009	0,045	FALSE
0,028	0,312	0,002	0,012	0,050	FALSE
-0,020	0,302	-0,001	0,007	0,032	FALSE
-0,094	0,319	-0,004	0,013	0,110	FALSE
0,066	0,295	0,002	0,006	0,091	FALSE
-0,110	0,305	-0,004	0,011	0,147	FALSE
0,009	0,295	0,001	0,013	0,025	FALSE
-0,031	0,292	0,000	0,011	0,011	FALSE
0,102	0,313	0,004	0,013	0,131	FALSE
0,110	0,307	0,005	0,012	0,157	FALSE
-0,051	0,302	-0,001	0,008	0,063	FALSE
-0,028	0,315	-0,001	0,011	0,035	FALSE
-0,037	0,289	-0,001	0,008	0,068	FALSE
0,120	0,297	0,004	0,012	0,132	FALSE
0,116	0,303	0,002	0,006	0,119	FALSE
0,091	0,310	0,003	0,009	0,143	FALSE
-0,051	0,302	-0,001	0,010	0,041	FALSE
-0,004	0,313	-0,001	0,010	0,025	FALSE
0,006	0,303	0,000	0,007	0,021	FALSE
-0,048	0,315	-0,001	0,007	0,054	FALSE
-0,144	0,299	-0,006	0,012	0,201	FALSE
-0,074	0,314	-0,003	0,010	0,129	FALSE
-0,054	0,290	-0,003	0,012	0,109	FALSE
-0,045	0,295	-0,003	0,013	0,100	FALSE
-0,054	0,313	-0,001	0,007	0,054	FALSE
-0,062	0,304	-0,004	0,013	0,122	FALSE
-0,072	0,310	-0,001	0,007	0,067	FALSE
-0,060	0,302	-0,004	0,012	0,114	FALSE
0,061	0,322	0,002	0,007	0,094	FALSE
0,108	0,300	0,003	0,008	0,180	FALSE
0,098	0,307	0,003	0,010	0,130	FALSE
0,032	0,303	0,001	0,008	0,060	FALSE
0,060	0,299	0,002	0,012	0,076	FALSE
0,046	0,312	0,002	0,011	0,064	FALSE
-0,036	0,320	-0,001	0,011	0,038	FALSE
0,015	0,298	0,000	0,011	0,006	FALSE
-0,050	0,313	-0,001	0,011	0,049	FALSE
0,102	0,312	0,005	0,013	0,148	FALSE
-0,033	0,329	-0,001	0,011	0,045	FALSE
0,087	0,286	0,002	0,010	0,100	FALSE
-0,051	0,314	-0,001	0,011	0,043	FALSE
-0,063	0,308	-0,003	0,012	0,095	FALSE
-0,062	0,318	-0,003	0,013	0,093	FALSE
-0,014	0,309	0,000	0,009	0,014	FALSE
0,110	0,297	0,004	0,013	0,135	FALSE
0,011	0,325	0,000	0,007	0,019	FALSE
-0,001	0,303	0,000	0,008	0,012	FALSE
0,028	0,297	0,001	0,007	0,040	FALSE
-0,030	0,300	0,000	0,011	0,013	FALSE
-0,047	0,308	-0,002	0,012	0,069	FALSE
0,031	0,304	0,001	0,008	0,068	FALSE
-0,006	0,319	0,000	0,007	0,004	FALSE
0,127	0,311	0,006	0,013	0,192	FALSE

0,011	0,298	0,000	0,011	0,001	FALSE
0,103	0,321	0,003	0,007	0,149	FALSE
-0,143	0,312	-0,004	0,008	0,206	FALSE
-0,123	0,291	-0,004	0,007	0,223	FALSE
0,053	0,316	0,001	0,010	0,034	FALSE
0,004	0,318	0,000	0,008	0,001	FALSE
0,017	0,309	0,001	0,010	0,026	FALSE
0,030	0,300	0,000	0,012	0,003	FALSE
-0,048	0,317	-0,001	0,008	0,057	FALSE
-0,030	0,318	0,000	0,007	0,021	FALSE
-0,020	0,302	0,000	0,007	0,019	FALSE
-0,060	0,304	-0,002	0,009	0,078	FALSE
-0,189	0,310	-0,008	0,013	0,257	FALSE
0,135	0,311	0,005	0,013	0,150	FALSE
-0,164	0,310	-0,007	0,013	0,219	FALSE
-0,081	0,309	-0,003	0,011	0,097	FALSE
0,140	0,299	0,003	0,007	0,183	FALSE
-0,100	0,310	-0,003	0,008	0,130	FALSE
-0,170	0,300	-0,006	0,010	0,241	FALSE
-0,021	0,309	-0,001	0,013	0,037	FALSE
0,016	0,308	0,000	0,010	0,011	FALSE
0,054	0,319	0,001	0,012	0,041	FALSE
-0,120	0,319	-0,005	0,012	0,179	FALSE
-0,046	0,311	-0,001	0,008	0,057	FALSE
0,062	0,311	0,002	0,010	0,068	FALSE
0,058	0,293	0,001	0,006	0,071	FALSE
-0,029	0,318	-0,001	0,007	0,036	FALSE
-0,002	0,311	0,000	0,010	0,005	FALSE
0,019	0,282	0,000	0,010	0,001	FALSE
-0,028	0,306	-0,001	0,009	0,023	FALSE
0,066	0,303	0,002	0,013	0,045	FALSE
-0,017	0,316	0,001	0,013	0,016	FALSE
-0,048	0,297	-0,001	0,007	0,043	FALSE
-0,022	0,298	-0,001	0,008	0,032	FALSE
0,124	0,314	0,002	0,007	0,132	FALSE
-0,080	0,296	-0,004	0,010	0,142	FALSE
-0,078	0,292	-0,001	0,006	0,079	FALSE
0,001	0,321	0,000	0,008	0,015	FALSE
0,051	0,295	0,002	0,012	0,074	FALSE
0,061	0,314	0,002	0,007	0,105	FALSE
-0,145	0,310	-0,005	0,009	0,213	FALSE
0,088	0,300	0,002	0,007	0,118	FALSE
0,020	0,310	0,000	0,012	0,001	FALSE
0,088	0,303	0,003	0,010	0,099	FALSE
0,050	0,305	0,001	0,010	0,039	FALSE
0,008	0,312	0,001	0,013	0,024	FALSE
-0,109	0,304	-0,004	0,010	0,167	FALSE
-0,196	0,293	-0,006	0,009	0,292	FALSE
0,148	0,295	0,007	0,012	0,228	FALSE
-0,092	0,310	-0,002	0,010	0,092	FALSE
-0,085	0,294	-0,003	0,010	0,123	FALSE
0,053	0,321	0,001	0,007	0,055	FALSE
-0,022	0,315	-0,001	0,008	0,027	FALSE

0,166	0,299	0,007	0,012	0,248	FALSE
0,009	0,314	0,001	0,011	0,024	FALSE
0,048	0,312	0,002	0,011	0,077	FALSE
0,011	0,314	0,000	0,013	0,005	FALSE
-0,021	0,308	0,000	0,011	0,009	FALSE
0,086	0,304	0,002	0,010	0,089	FALSE
0,175	0,304	0,006	0,010	0,261	FALSE
0,046	0,310	0,001	0,012	0,037	FALSE
0,047	0,298	0,002	0,010	0,082	FALSE
0,049	0,304	0,002	0,012	0,064	FALSE
0,030	0,304	0,002	0,012	0,051	FALSE
0,065	0,303	0,003	0,012	0,087	FALSE
0,010	0,314	0,000	0,012	0,013	FALSE
-0,036	0,293	-0,001	0,012	0,036	FALSE
0,004	0,301	0,000	0,009	0,009	FALSE
-0,040	0,300	-0,001	0,007	0,055	FALSE
0,115	0,304	0,004	0,010	0,145	FALSE
-0,022	0,320	0,000	0,008	0,011	FALSE
-0,075	0,314	-0,003	0,009	0,118	FALSE
-0,016	0,322	-0,001	0,008	0,029	FALSE
0,147	0,312	0,006	0,012	0,194	FALSE
0,067	0,319	0,002	0,013	0,069	FALSE
-0,059	0,307	-0,003	0,013	0,091	FALSE
0,040	0,313	0,001	0,006	0,067	FALSE
-0,113	0,308	-0,003	0,008	0,158	FALSE
-0,140	0,291	-0,003	0,006	0,213	FALSE
-0,012	0,319	0,000	0,011	0,002	FALSE
0,019	0,314	0,002	0,013	0,045	FALSE
-0,021	0,307	-0,001	0,013	0,026	FALSE
-0,031	0,306	0,000	0,009	0,015	FALSE
-0,118	0,306	-0,004	0,010	0,156	FALSE
0,079	0,298	0,004	0,012	0,111	FALSE
-0,051	0,289	-0,001	0,006	0,044	FALSE
-0,098	0,308	-0,002	0,009	0,106	FALSE
0,076	0,321	0,002	0,007	0,086	FALSE
0,017	0,299	0,000	0,009	0,012	FALSE
-0,036	0,309	-0,001	0,009	0,059	FALSE
-0,004	0,307	0,000	0,007	0,008	FALSE
-0,119	0,308	-0,004	0,011	0,148	FALSE
-0,011	0,303	-0,001	0,012	0,033	FALSE
-0,033	0,317	-0,002	0,012	0,049	FALSE
0,011	0,300	0,000	0,008	0,020	FALSE
-0,056	0,314	-0,001	0,010	0,048	FALSE
-0,132	0,302	-0,006	0,012	0,203	FALSE
0,029	0,305	0,001	0,009	0,029	FALSE
0,029	0,300	0,001	0,009	0,023	FALSE
0,037	0,305	0,001	0,011	0,023	FALSE
-0,088	0,292	-0,004	0,012	0,149	FALSE
0,094	0,314	0,002	0,007	0,127	FALSE
-0,080	0,296	-0,002	0,007	0,112	FALSE
0,096	0,307	0,003	0,008	0,130	FALSE
0,091	0,308	0,002	0,010	0,084	FALSE
0,080	0,308	0,004	0,012	0,111	FALSE

0,147	0,291	0,006	0,011	0,230	FALSE
0,174	0,298	0,006	0,010	0,255	FALSE
0,146	0,302	0,003	0,007	0,202	FALSE
-0,003	0,306	0,000	0,006	0,025	FALSE
-0,048	0,305	-0,002	0,009	0,100	FALSE
-0,032	0,295	0,000	0,006	0,013	FALSE
0,129	0,294	0,003	0,006	0,175	FALSE
0,015	0,308	0,001	0,010	0,031	FALSE
-0,001	0,316	0,000	0,008	0,017	FALSE
-0,072	0,323	-0,002	0,008	0,086	FALSE
-0,088	0,290	-0,003	0,009	0,118	FALSE
-0,017	0,299	0,000	0,009	0,015	FALSE
0,095	0,318	0,003	0,009	0,134	FALSE
-0,156	0,294	-0,006	0,011	0,234	FALSE
-0,176	0,293	-0,005	0,009	0,243	FALSE
-0,012	0,318	-0,001	0,009	0,034	FALSE
-0,190	0,304	-0,005	0,008	0,271	FALSE
-0,158	0,309	-0,005	0,009	0,221	FALSE
0,176	0,297	0,006	0,010	0,279	FALSE
-0,053	0,313	-0,002	0,013	0,043	FALSE
-0,059	0,298	-0,002	0,012	0,062	FALSE
-0,015	0,309	0,000	0,008	0,014	FALSE
0,174	0,290	0,004	0,007	0,252	FALSE
0,128	0,309	0,005	0,010	0,201	FALSE
-0,064	0,302	-0,003	0,012	0,080	FALSE
0,185	0,299	0,004	0,007	0,263	FALSE
0,075	0,313	0,002	0,007	0,094	FALSE
0,037	0,303	0,001	0,007	0,052	FALSE
-0,064	0,290	-0,003	0,012	0,100	FALSE
0,031	0,324	0,001	0,008	0,026	FALSE
-0,085	0,295	-0,003	0,009	0,111	FALSE
-0,086	0,305	-0,002	0,010	0,089	FALSE
-0,041	0,310	-0,001	0,008	0,070	FALSE
-0,074	0,286	-0,002	0,010	0,094	FALSE
-0,146	0,303	-0,004	0,009	0,186	FALSE
0,015	0,320	0,000	0,013	0,007	FALSE
0,062	0,298	0,002	0,007	0,122	FALSE
0,174	0,292	0,008	0,013	0,260	FALSE
0,176	0,289	0,008	0,012	0,270	FALSE
0,164	0,302	0,008	0,013	0,247	FALSE
-0,002	0,294	0,000	0,009	0,002	FALSE
0,017	0,309	0,000	0,008	0,012	FALSE
0,051	0,298	0,002	0,008	0,086	FALSE
0,036	0,298	0,001	0,008	0,053	FALSE
0,061	0,315	0,002	0,007	0,085	FALSE
0,048	0,297	0,001	0,007	0,062	FALSE
-0,083	0,293	-0,003	0,009	0,121	FALSE
-0,088	0,311	-0,003	0,010	0,123	FALSE
-0,105	0,299	-0,002	0,007	0,130	FALSE
-0,022	0,306	-0,001	0,013	0,039	FALSE
0,022	0,310	0,000	0,010	0,006	FALSE
0,004	0,314	0,000	0,010	0,014	FALSE
-0,092	0,309	-0,002	0,009	0,089	FALSE

0,010	0,295	0,000	0,009	0,010	FALSE
0,058	0,297	0,002	0,012	0,048	FALSE
0,055	0,304	0,001	0,013	0,038	FALSE
0,053	0,314	0,001	0,013	0,039	FALSE
0,030	0,302	0,000	0,013	0,004	FALSE
0,049	0,311	0,001	0,008	0,036	FALSE
0,100	0,308	0,004	0,010	0,139	FALSE
-0,037	0,299	-0,001	0,010	0,047	FALSE
-0,022	0,308	-0,001	0,011	0,031	FALSE
-0,175	0,299	-0,004	0,006	0,262	FALSE
-0,028	0,297	-0,002	0,012	0,058	FALSE
-0,189	0,294	-0,005	0,008	0,283	FALSE
0,008	0,310	0,001	0,013	0,021	FALSE
0,119	0,301	0,006	0,013	0,193	FALSE
-0,020	0,300	0,000	0,009	0,015	FALSE
0,031	0,294	0,001	0,011	0,032	FALSE
0,010	0,302	0,000	0,009	0,014	FALSE
-0,092	0,306	-0,003	0,010	0,130	FALSE
0,128	0,295	0,003	0,007	0,207	FALSE
-0,021	0,321	-0,001	0,013	0,030	FALSE
-0,008	0,295	0,000	0,007	0,010	FALSE
-0,005	0,310	0,000	0,008	0,013	FALSE
0,050	0,297	0,002	0,008	0,084	FALSE
0,006	0,299	0,001	0,012	0,035	FALSE
0,193	0,301	0,008	0,012	0,282	FALSE
0,138	0,297	0,006	0,011	0,207	FALSE
0,105	0,301	0,005	0,011	0,167	FALSE
0,146	0,306	0,006	0,011	0,229	FALSE
0,058	0,300	0,001	0,007	0,054	FALSE
0,099	0,293	0,002	0,007	0,121	FALSE
0,124	0,302	0,003	0,008	0,173	FALSE
0,000	0,316	0,000	0,010	0,001	FALSE
-0,039	0,300	-0,001	0,008	0,059	FALSE
0,073	0,311	0,002	0,011	0,073	FALSE
-0,054	0,313	-0,001	0,007	0,075	FALSE
0,055	0,315	0,002	0,010	0,064	FALSE
-0,042	0,319	-0,001	0,008	0,055	FALSE
-0,014	0,308	-0,001	0,008	0,054	FALSE
-0,029	0,310	-0,001	0,009	0,034	FALSE
-0,039	0,303	-0,002	0,012	0,068	FALSE
0,059	0,308	0,001	0,008	0,065	FALSE
-0,019	0,321	0,000	0,008	0,021	FALSE
-0,078	0,306	-0,002	0,007	0,113	FALSE
-0,030	0,295	-0,002	0,011	0,062	FALSE
0,067	0,304	0,002	0,011	0,084	FALSE
0,088	0,314	0,003	0,009	0,137	FALSE
-0,061	0,298	-0,003	0,012	0,095	FALSE
-0,019	0,300	-0,001	0,009	0,026	FALSE
-0,027	0,304	-0,001	0,011	0,035	FALSE
0,025	0,303	0,001	0,011	0,045	FALSE
0,017	0,309	0,001	0,010	0,029	FALSE
-0,015	0,301	0,000	0,007	0,008	FALSE
0,041	0,312	0,001	0,007	0,025	FALSE

-0,039	0,293	-0,002	0,012	0,047	FALSE
-0,076	0,308	-0,002	0,007	0,102	FALSE
-0,014	0,315	0,000	0,012	0,004	FALSE
-0,029	0,303	-0,001	0,012	0,027	FALSE
0,165	0,294	0,007	0,012	0,233	FALSE
-0,050	0,290	-0,002	0,008	0,072	FALSE
0,083	0,308	0,002	0,008	0,101	FALSE
0,075	0,314	0,002	0,010	0,072	FALSE
-0,088	0,297	-0,003	0,009	0,127	FALSE
0,126	0,313	0,004	0,011	0,165	FALSE
0,034	0,299	0,001	0,011	0,021	FALSE
-0,155	0,305	-0,003	0,007	0,200	FALSE
-0,029	0,307	-0,001	0,007	0,026	FALSE
0,007	0,305	0,001	0,013	0,017	FALSE
0,009	0,303	0,001	0,006	0,032	FALSE
-0,028	0,299	-0,001	0,011	0,024	FALSE
-0,017	0,302	0,000	0,009	0,013	FALSE
0,039	0,309	0,002	0,012	0,078	FALSE
0,096	0,307	0,004	0,012	0,127	FALSE
-0,097	0,321	-0,005	0,013	0,153	FALSE
-0,045	0,318	-0,001	0,008	0,063	FALSE
-0,104	0,304	-0,005	0,013	0,150	FALSE
-0,083	0,303	-0,003	0,012	0,113	FALSE
0,022	0,298	0,001	0,008	0,026	FALSE
0,035	0,311	0,001	0,008	0,038	FALSE
0,129	0,296	0,006	0,012	0,192	FALSE
0,051	0,318	0,002	0,010	0,069	FALSE
-0,056	0,289	-0,002	0,008	0,092	FALSE
0,058	0,310	0,002	0,012	0,061	FALSE
-0,149	0,306	-0,005	0,009	0,231	FALSE
-0,160	0,306	-0,005	0,009	0,255	FALSE
0,103	0,307	0,003	0,007	0,153	FALSE
0,004	0,314	0,000	0,007	0,014	FALSE
0,000	0,300	0,000	0,006	0,004	FALSE
0,036	0,322	0,001	0,013	0,034	FALSE
0,044	0,314	0,002	0,012	0,058	FALSE
-0,059	0,301	-0,001	0,007	0,081	FALSE
0,116	0,304	0,004	0,008	0,185	FALSE
0,126	0,303	0,003	0,008	0,130	FALSE
0,014	0,300	0,000	0,007	0,005	FALSE
0,125	0,310	0,003	0,006	0,168	FALSE
-0,072	0,301	-0,002	0,007	0,126	FALSE
-0,167	0,298	-0,005	0,007	0,269	FALSE
0,131	0,298	0,004	0,008	0,201	FALSE
-0,004	0,302	0,000	0,012	0,007	FALSE
-0,052	0,317	-0,002	0,013	0,063	FALSE
0,018	0,287	0,000	0,009	0,012	FALSE
0,012	0,309	0,001	0,013	0,019	FALSE
-0,012	0,314	-0,001	0,013	0,020	FALSE
0,000	0,311	0,000	0,013	0,012	FALSE
-0,093	0,295	-0,003	0,012	0,093	FALSE
-0,126	0,289	-0,005	0,011	0,176	FALSE
-0,020	0,292	-0,001	0,011	0,027	FALSE

-0,013	0,278	-0,001	0,008	0,023	FALSE
-0,088	0,304	-0,002	0,007	0,102	FALSE
0,105	0,294	0,003	0,008	0,130	FALSE
0,109	0,305	0,003	0,009	0,144	FALSE
0,103	0,302	0,004	0,012	0,120	FALSE
-0,116	0,307	-0,003	0,009	0,128	FALSE
-0,112	0,314	-0,002	0,007	0,137	FALSE
0,059	0,305	0,001	0,007	0,058	FALSE
0,046	0,308	0,000	0,008	0,020	FALSE
0,037	0,318	0,000	0,012	0,012	FALSE
-0,153	0,300	-0,007	0,013	0,249	FALSE
0,051	0,302	0,002	0,009	0,092	FALSE
0,046	0,288	0,001	0,012	0,042	FALSE
0,080	0,301	0,002	0,006	0,113	FALSE
0,011	0,310	0,001	0,008	0,042	FALSE
0,016	0,304	0,000	0,010	0,010	FALSE
0,075	0,318	0,003	0,010	0,109	FALSE
0,066	0,315	0,002	0,012	0,067	FALSE
0,074	0,314	0,003	0,012	0,082	FALSE
-0,051	0,305	-0,002	0,009	0,079	FALSE
0,018	0,288	0,002	0,012	0,055	FALSE
-0,109	0,311	-0,003	0,009	0,135	FALSE
0,025	0,312	0,001	0,008	0,028	FALSE
0,078	0,309	0,002	0,009	0,099	FALSE
-0,181	0,296	-0,008	0,013	0,260	FALSE
-0,084	0,307	-0,003	0,012	0,108	FALSE
0,131	0,297	0,004	0,008	0,193	FALSE
0,103	0,306	0,003	0,008	0,133	FALSE
0,153	0,311	0,003	0,007	0,213	FALSE
0,081	0,306	0,002	0,006	0,117	FALSE
-0,076	0,302	-0,002	0,007	0,106	FALSE
-0,067	0,284	-0,002	0,009	0,101	FALSE
-0,051	0,316	-0,002	0,008	0,069	FALSE
-0,075	0,302	-0,002	0,008	0,107	FALSE
0,085	0,309	0,002	0,007	0,133	FALSE
-0,069	0,311	-0,002	0,011	0,071	FALSE
0,031	0,307	0,001	0,008	0,034	FALSE
-0,041	0,292	-0,002	0,009	0,081	FALSE
-0,105	0,303	-0,004	0,010	0,156	FALSE
0,024	0,307	0,000	0,009	0,007	FALSE
-0,040	0,305	-0,001	0,010	0,051	FALSE
-0,052	0,314	-0,002	0,008	0,084	FALSE
0,109	0,300	0,003	0,006	0,164	FALSE
-0,161	0,303	-0,004	0,007	0,219	FALSE
-0,071	0,305	-0,002	0,007	0,084	FALSE
-0,076	0,308	-0,002	0,007	0,116	FALSE
-0,029	0,303	-0,001	0,007	0,042	FALSE
-0,033	0,305	-0,001	0,007	0,037	FALSE
0,048	0,309	0,002	0,009	0,083	FALSE
-0,125	0,314	-0,004	0,010	0,187	FALSE
0,079	0,319	0,003	0,011	0,115	FALSE
-0,073	0,310	-0,003	0,011	0,099	FALSE
0,126	0,292	0,004	0,008	0,194	FALSE

-0,111	0,308	-0,004	0,012	0,141	FALSE
-0,049	0,313	-0,002	0,012	0,058	FALSE
0,094	0,314	0,002	0,008	0,104	FALSE
0,065	0,291	0,003	0,012	0,082	FALSE
0,061	0,303	0,003	0,013	0,081	FALSE
-0,019	0,306	-0,001	0,012	0,036	FALSE
-0,011	0,306	0,000	0,008	0,003	FALSE
0,027	0,316	0,001	0,009	0,056	FALSE
-0,085	0,316	-0,003	0,009	0,119	FALSE
-0,128	0,314	-0,004	0,009	0,169	FALSE
-0,061	0,304	-0,002	0,010	0,097	FALSE
-0,032	0,317	-0,001	0,008	0,046	FALSE
0,018	0,311	0,001	0,010	0,052	FALSE
0,096	0,297	0,002	0,008	0,110	FALSE
-0,038	0,305	-0,001	0,007	0,034	FALSE
-0,106	0,311	-0,004	0,013	0,135	FALSE
-0,108	0,325	-0,004	0,013	0,133	FALSE
-0,117	0,315	-0,005	0,013	0,158	FALSE
-0,116	0,316	-0,005	0,012	0,171	FALSE
-0,105	0,309	-0,004	0,012	0,140	FALSE
-0,086	0,316	-0,004	0,013	0,113	FALSE
-0,123	0,300	-0,002	0,006	0,141	FALSE
-0,122	0,305	-0,005	0,013	0,163	FALSE
-0,012	0,307	-0,001	0,012	0,028	FALSE
-0,011	0,314	0,000	0,008	0,001	FALSE
0,067	0,303	0,002	0,008	0,092	FALSE
0,042	0,301	0,001	0,009	0,039	FALSE
0,164	0,295	0,005	0,008	0,250	FALSE
0,104	0,303	0,004	0,012	0,142	FALSE
0,099	0,310	0,003	0,008	0,152	FALSE
-0,148	0,283	-0,007	0,011	0,261	FALSE
0,001	0,305	0,000	0,012	0,011	FALSE
-0,096	0,302	-0,003	0,011	0,108	FALSE
0,043	0,314	0,001	0,008	0,047	FALSE
0,055	0,311	0,002	0,006	0,096	FALSE
0,028	0,305	0,001	0,008	0,062	FALSE
0,063	0,303	0,001	0,008	0,065	FALSE
-0,004	0,310	0,000	0,013	0,011	FALSE
-0,154	0,310	-0,003	0,007	0,210	FALSE
0,018	0,304	0,001	0,011	0,020	FALSE
-0,182	0,294	-0,008	0,012	0,284	FALSE
-0,014	0,300	0,001	0,008	0,031	FALSE
0,083	0,311	0,003	0,013	0,098	FALSE
0,120	0,308	0,005	0,013	0,159	FALSE
-0,089	0,320	-0,004	0,013	0,107	FALSE
-0,119	0,302	-0,005	0,013	0,150	FALSE
-0,029	0,319	-0,002	0,013	0,048	FALSE
0,029	0,301	0,001	0,010	0,028	FALSE
0,035	0,314	0,001	0,011	0,031	FALSE
0,039	0,322	0,001	0,008	0,038	FALSE
0,050	0,314	0,002	0,013	0,068	FALSE
-0,147	0,294	-0,003	0,006	0,201	FALSE
-0,048	0,304	-0,001	0,008	0,045	FALSE

0,088	0,302	0,002	0,007	0,139	FALSE
-0,006	0,305	0,000	0,007	0,014	FALSE
0,001	0,309	0,000	0,010	0,012	FALSE
-0,025	0,300	-0,001	0,007	0,036	FALSE
0,039	0,314	0,002	0,012	0,064	FALSE
-0,061	0,316	-0,002	0,012	0,073	FALSE
0,021	0,320	0,001	0,013	0,029	FALSE
-0,070	0,293	-0,001	0,007	0,060	FALSE
0,183	0,291	0,004	0,007	0,217	FALSE
-0,068	0,301	-0,001	0,006	0,065	FALSE
0,000	0,306	-0,001	0,007	0,031	FALSE
-0,059	0,318	-0,002	0,013	0,063	FALSE
0,121	0,295	0,003	0,006	0,177	FALSE
-0,052	0,308	-0,001	0,007	0,050	FALSE
0,061	0,317	0,002	0,013	0,052	FALSE
0,009	0,306	0,000	0,006	0,025	FALSE
0,027	0,293	0,001	0,009	0,038	FALSE
0,019	0,305	0,001	0,009	0,027	FALSE
-0,006	0,302	0,000	0,006	0,002	FALSE
0,012	0,305	0,001	0,012	0,018	FALSE
-0,044	0,317	-0,002	0,011	0,057	FALSE
-0,043	0,313	-0,001	0,008	0,056	FALSE
-0,076	0,307	-0,003	0,012	0,089	FALSE
0,123	0,291	0,004	0,011	0,155	FALSE
-0,087	0,305	-0,003	0,012	0,097	FALSE
0,072	0,313	0,003	0,012	0,088	FALSE
-0,117	0,305	-0,003	0,008	0,175	FALSE
0,036	0,300	0,002	0,009	0,065	FALSE
-0,071	0,307	-0,003	0,010	0,127	FALSE
0,073	0,315	0,002	0,011	0,073	FALSE
-0,020	0,304	-0,001	0,010	0,041	FALSE
0,099	0,301	0,002	0,006	0,148	FALSE
-0,096	0,302	-0,002	0,007	0,128	FALSE
0,063	0,301	0,003	0,012	0,082	FALSE
0,037	0,311	0,002	0,009	0,076	FALSE
0,144	0,318	0,005	0,013	0,167	FALSE
0,092	0,314	0,003	0,013	0,098	FALSE
-0,055	0,305	-0,001	0,010	0,055	FALSE
0,241	0,293	0,010	0,012	0,391	FALSE
0,038	0,306	0,001	0,009	0,061	FALSE
0,036	0,309	0,001	0,008	0,040	FALSE
0,022	0,313	0,000	0,009	0,020	FALSE
0,072	0,306	0,002	0,007	0,124	FALSE
0,008	0,304	0,001	0,008	0,029	FALSE
-0,082	0,325	-0,002	0,007	0,099	FALSE
0,077	0,316	0,003	0,011	0,098	FALSE
0,051	0,323	0,002	0,013	0,059	FALSE
0,130	0,306	0,005	0,012	0,175	FALSE
-0,123	0,317	-0,003	0,007	0,155	FALSE
-0,027	0,316	-0,001	0,008	0,039	FALSE
0,046	0,312	0,002	0,013	0,070	FALSE
0,052	0,304	0,003	0,012	0,076	FALSE
-0,035	0,299	-0,001	0,007	0,040	FALSE

-0,048	0,292	-0,002	0,010	0,070	FALSE
-0,052	0,303	-0,002	0,010	0,071	FALSE
-0,017	0,327	-0,001	0,013	0,030	FALSE
0,028	0,304	0,001	0,011	0,019	FALSE
0,168	0,310	0,005	0,009	0,253	FALSE
0,045	0,304	0,003	0,013	0,079	FALSE
-0,011	0,318	-0,001	0,012	0,026	FALSE
0,062	0,310	0,001	0,008	0,056	FALSE
-0,038	0,307	0,000	0,009	0,004	FALSE
0,007	0,306	0,000	0,012	0,003	FALSE
-0,081	0,295	-0,002	0,010	0,088	FALSE
-0,057	0,310	-0,002	0,012	0,063	FALSE
-0,071	0,310	-0,002	0,008	0,086	FALSE
-0,082	0,296	-0,002	0,007	0,137	FALSE
0,089	0,296	0,004	0,011	0,129	FALSE
-0,041	0,287	-0,002	0,012	0,076	FALSE
-0,034	0,290	-0,002	0,013	0,058	FALSE
-0,019	0,290	-0,001	0,012	0,031	FALSE
0,051	0,307	0,002	0,011	0,065	FALSE
0,068	0,318	0,002	0,011	0,081	FALSE
-0,049	0,317	-0,002	0,012	0,074	FALSE
-0,105	0,307	-0,006	0,013	0,188	FALSE
-0,068	0,282	-0,004	0,012	0,132	FALSE
-0,083	0,290	-0,005	0,013	0,150	FALSE
-0,103	0,299	-0,006	0,013	0,173	FALSE
-0,048	0,311	-0,001	0,007	0,063	FALSE
-0,103	0,293	-0,005	0,013	0,167	FALSE
-0,101	0,299	-0,006	0,013	0,179	FALSE
-0,099	0,288	-0,005	0,012	0,182	FALSE
-0,107	0,304	-0,004	0,009	0,183	FALSE
-0,098	0,306	-0,003	0,009	0,142	FALSE
-0,020	0,304	-0,002	0,012	0,051	FALSE
-0,041	0,303	-0,001	0,010	0,050	FALSE
-0,110	0,303	-0,004	0,009	0,180	FALSE
-0,150	0,302	-0,004	0,008	0,207	FALSE
0,055	0,301	0,002	0,012	0,070	FALSE
0,098	0,298	0,004	0,012	0,140	FALSE
-0,135	0,290	-0,006	0,011	0,230	FALSE
0,117	0,298	0,005	0,012	0,176	FALSE
0,153	0,288	0,007	0,012	0,250	FALSE
0,117	0,308	0,005	0,013	0,174	FALSE
0,065	0,298	0,002	0,009	0,100	FALSE
0,037	0,307	0,001	0,009	0,055	FALSE
-0,007	0,309	-0,001	0,011	0,025	FALSE
0,035	0,310	0,001	0,011	0,030	FALSE
-0,033	0,306	-0,001	0,011	0,040	FALSE
0,114	0,316	0,003	0,007	0,152	FALSE
0,069	0,312	0,002	0,007	0,098	FALSE
0,029	0,320	0,001	0,013	0,032	FALSE
0,018	0,309	0,000	0,008	0,016	FALSE
0,078	0,299	0,002	0,010	0,075	FALSE
0,075	0,295	0,002	0,011	0,085	FALSE
0,158	0,303	0,006	0,011	0,251	FALSE

-0,072	0,305	-0,001	0,009	0,062	FALSE
-0,041	0,299	-0,001	0,008	0,035	FALSE
-0,132	0,301	-0,003	0,009	0,150	FALSE
0,003	0,304	0,000	0,010	0,006	FALSE
-0,081	0,313	-0,002	0,011	0,067	FALSE
-0,036	0,304	-0,001	0,008	0,040	FALSE
-0,098	0,305	-0,002	0,010	0,086	FALSE
-0,091	0,304	-0,002	0,011	0,086	FALSE
-0,001	0,306	0,000	0,007	0,007	FALSE
-0,130	0,312	-0,003	0,008	0,164	FALSE
0,077	0,306	0,001	0,007	0,073	FALSE
-0,085	0,305	-0,002	0,008	0,093	FALSE
-0,028	0,298	-0,001	0,008	0,054	FALSE
0,059	0,317	0,002	0,010	0,075	FALSE
-0,068	0,301	-0,002	0,007	0,093	FALSE
0,079	0,311	0,003	0,010	0,099	FALSE
0,083	0,303	0,003	0,010	0,112	FALSE
0,079	0,313	0,003	0,011	0,108	FALSE
-0,125	0,309	-0,005	0,013	0,150	FALSE
-0,074	0,299	-0,001	0,007	0,076	FALSE
0,105	0,311	0,004	0,012	0,136	FALSE
0,120	0,298	0,004	0,011	0,157	FALSE
0,034	0,325	0,001	0,007	0,025	FALSE
0,087	0,293	0,004	0,011	0,134	FALSE
-0,005	0,309	0,000	0,007	0,011	FALSE
-0,056	0,308	-0,001	0,007	0,077	FALSE
-0,039	0,320	-0,001	0,008	0,028	FALSE
-0,080	0,299	-0,001	0,007	0,081	FALSE
0,051	0,327	0,001	0,011	0,045	FALSE
-0,002	0,298	0,000	0,006	0,011	FALSE
-0,105	0,312	-0,002	0,009	0,100	FALSE
0,018	0,309	0,000	0,010	0,007	FALSE
0,122	0,308	0,004	0,010	0,177	FALSE
-0,084	0,304	-0,002	0,010	0,090	FALSE
0,093	0,312	0,003	0,008	0,135	FALSE
0,100	0,294	0,003	0,008	0,157	FALSE
0,139	0,302	0,007	0,012	0,228	FALSE
0,079	0,293	0,003	0,009	0,112	FALSE
-0,006	0,303	0,000	0,008	0,009	FALSE
0,131	0,312	0,002	0,007	0,147	FALSE
0,014	0,301	0,000	0,011	0,015	FALSE
-0,128	0,304	-0,005	0,012	0,159	FALSE
0,067	0,297	0,002	0,009	0,074	FALSE
0,026	0,309	0,001	0,008	0,034	FALSE
0,044	0,309	0,001	0,013	0,030	FALSE
-0,099	0,310	-0,003	0,008	0,132	FALSE
0,027	0,309	0,002	0,010	0,061	FALSE
-0,066	0,285	-0,003	0,010	0,107	FALSE
-0,089	0,292	-0,004	0,011	0,130	FALSE
-0,113	0,302	-0,005	0,013	0,159	FALSE
-0,014	0,312	0,000	0,006	0,022	FALSE
0,062	0,300	0,003	0,011	0,090	FALSE
0,004	0,303	0,001	0,008	0,038	FALSE

0,124	0,310	0,004	0,010	0,180	FALSE
-0,111	0,301	-0,005	0,012	0,170	FALSE
0,111	0,323	0,005	0,012	0,160	FALSE
-0,041	0,305	-0,001	0,009	0,031	FALSE
-0,064	0,301	-0,001	0,007	0,056	FALSE
0,124	0,295	0,003	0,008	0,130	FALSE
-0,045	0,335	-0,002	0,012	0,066	FALSE
0,009	0,299	-0,001	0,012	0,025	FALSE
0,139	0,298	0,004	0,009	0,195	FALSE
-0,087	0,301	-0,003	0,013	0,086	FALSE
0,067	0,312	0,001	0,008	0,066	FALSE
0,005	0,305	0,001	0,009	0,047	FALSE
-0,131	0,312	-0,004	0,010	0,170	FALSE
-0,129	0,297	-0,004	0,010	0,179	FALSE
0,017	0,298	0,001	0,009	0,021	FALSE
0,028	0,307	0,001	0,008	0,031	FALSE
0,033	0,290	0,003	0,011	0,111	FALSE
-0,065	0,315	-0,002	0,009	0,096	FALSE
0,086	0,299	0,003	0,012	0,085	FALSE
0,058	0,309	0,003	0,012	0,108	FALSE
-0,022	0,311	0,000	0,010	0,006	FALSE
-0,091	0,303	-0,002	0,008	0,106	FALSE
0,065	0,311	0,002	0,008	0,084	FALSE
0,039	0,311	0,001	0,009	0,062	FALSE
0,020	0,303	0,001	0,007	0,027	FALSE
-0,029	0,316	-0,001	0,009	0,037	FALSE
-0,039	0,319	-0,001	0,009	0,052	FALSE
0,065	0,306	0,003	0,012	0,103	FALSE
0,050	0,312	0,002	0,013	0,055	FALSE
0,038	0,315	0,001	0,010	0,054	FALSE
-0,011	0,300	0,000	0,007	0,009	FALSE
-0,028	0,311	-0,001	0,009	0,048	FALSE
0,001	0,305	0,000	0,012	0,007	FALSE
0,033	0,296	0,002	0,011	0,049	FALSE
0,025	0,302	0,000	0,011	0,014	FALSE
0,147	0,301	0,003	0,006	0,188	FALSE
-0,032	0,303	-0,001	0,007	0,041	FALSE
-0,112	0,314	-0,003	0,008	0,152	FALSE
0,098	0,308	0,002	0,007	0,098	FALSE
0,086	0,312	0,004	0,012	0,110	FALSE
-0,087	0,321	-0,002	0,008	0,111	FALSE
0,126	0,298	0,003	0,007	0,168	FALSE
0,011	0,308	0,000	0,006	0,025	FALSE
-0,107	0,302	-0,002	0,007	0,115	FALSE
-0,024	0,309	-0,001	0,009	0,026	FALSE
0,037	0,312	0,001	0,012	0,023	FALSE
0,028	0,310	0,000	0,012	0,009	FALSE
0,030	0,303	0,001	0,006	0,054	FALSE
0,020	0,297	0,001	0,010	0,020	FALSE
0,174	0,306	0,007	0,013	0,222	FALSE
-0,170	0,293	-0,006	0,012	0,222	FALSE
-0,064	0,304	-0,002	0,010	0,069	FALSE
0,086	0,304	0,003	0,009	0,105	FALSE

-0,033	0,316	-0,001	0,008	0,036	FALSE
0,181	0,301	0,007	0,012	0,270	FALSE
-0,053	0,309	-0,002	0,010	0,063	FALSE
0,008	0,315	0,000	0,013	0,002	FALSE
-0,012	0,306	-0,001	0,008	0,026	FALSE
-0,062	0,297	-0,002	0,008	0,088	FALSE
-0,111	0,294	-0,003	0,009	0,126	FALSE
-0,071	0,308	-0,003	0,013	0,080	FALSE
-0,053	0,318	-0,002	0,009	0,061	FALSE
-0,057	0,307	-0,003	0,012	0,112	FALSE
0,091	0,309	0,003	0,009	0,162	FALSE
-0,079	0,315	-0,002	0,011	0,085	FALSE
-0,006	0,319	0,001	0,013	0,020	FALSE
-0,183	0,302	-0,005	0,009	0,233	FALSE
0,107	0,298	0,004	0,008	0,173	FALSE
0,135	0,302	0,005	0,009	0,219	FALSE
0,068	0,307	0,002	0,009	0,095	FALSE
0,069	0,303	0,003	0,009	0,119	FALSE
0,108	0,302	0,004	0,012	0,144	FALSE
-0,106	0,301	-0,004	0,010	0,146	FALSE
-0,206	0,304	-0,006	0,009	0,281	FALSE
-0,166	0,299	-0,005	0,008	0,228	FALSE
0,144	0,294	0,005	0,011	0,207	FALSE
-0,060	0,298	-0,002	0,010	0,094	FALSE
0,005	0,302	0,000	0,008	0,003	FALSE
-0,065	0,319	-0,002	0,012	0,067	FALSE
0,110	0,311	0,005	0,013	0,148	FALSE
-0,061	0,301	-0,002	0,012	0,057	FALSE
-0,080	0,311	-0,003	0,013	0,080	FALSE
-0,013	0,311	0,001	0,011	0,016	FALSE
-0,008	0,318	0,001	0,012	0,031	FALSE
-0,004	0,297	0,000	0,012	0,014	FALSE
-0,001	0,318	0,000	0,007	0,008	FALSE
0,117	0,306	0,005	0,013	0,164	FALSE
0,092	0,304	0,003	0,010	0,132	FALSE
0,075	0,305	0,002	0,008	0,076	FALSE
0,031	0,317	0,001	0,007	0,051	FALSE
0,114	0,302	0,004	0,009	0,184	FALSE
-0,015	0,310	-0,001	0,012	0,021	FALSE
-0,030	0,314	-0,001	0,008	0,036	FALSE
-0,053	0,301	-0,001	0,007	0,059	FALSE
0,092	0,304	0,003	0,009	0,126	FALSE
-0,021	0,305	-0,001	0,011	0,020	FALSE
0,045	0,307	0,002	0,012	0,059	FALSE
-0,100	0,298	-0,002	0,007	0,129	FALSE
-0,193	0,301	-0,007	0,011	0,277	FALSE
-0,026	0,310	-0,001	0,010	0,042	FALSE
0,047	0,306	0,001	0,011	0,050	FALSE
-0,046	0,311	-0,002	0,012	0,062	FALSE
-0,122	0,291	-0,004	0,011	0,166	FALSE
0,079	0,290	0,003	0,009	0,123	FALSE
0,021	0,297	0,001	0,009	0,038	FALSE
0,094	0,300	0,004	0,012	0,130	FALSE

0,080	0,301	0,002	0,007	0,103	FALSE
-0,030	0,315	-0,001	0,007	0,033	FALSE
0,179	0,294	0,003	0,006	0,211	FALSE
-0,034	0,311	-0,001	0,011	0,036	FALSE
0,066	0,310	0,002	0,008	0,071	FALSE
0,151	0,307	0,004	0,009	0,174	FALSE
0,024	0,313	0,001	0,011	0,042	FALSE
0,136	0,295	0,003	0,008	0,149	FALSE
0,150	0,297	0,004	0,009	0,179	FALSE
-0,005	0,304	0,001	0,012	0,029	FALSE
-0,043	0,306	-0,002	0,010	0,082	FALSE
-0,016	0,296	-0,001	0,006	0,037	FALSE
0,027	0,316	0,000	0,007	0,012	FALSE
-0,065	0,303	-0,002	0,012	0,069	FALSE
0,025	0,301	0,001	0,009	0,043	FALSE
0,019	0,305	0,001	0,012	0,022	FALSE
-0,022	0,301	-0,001	0,008	0,052	FALSE
0,004	0,320	-0,001	0,008	0,032	FALSE
0,074	0,305	0,002	0,007	0,091	FALSE
0,053	0,311	0,002	0,012	0,056	FALSE
0,012	0,307	-0,001	0,007	0,026	FALSE
0,028	0,302	0,000	0,007	0,001	FALSE
0,019	0,298	0,001	0,011	0,023	FALSE
-0,033	0,305	-0,001	0,008	0,045	FALSE
-0,040	0,298	-0,001	0,007	0,068	FALSE
0,004	0,304	0,000	0,012	0,007	FALSE
0,021	0,300	0,001	0,011	0,028	FALSE
0,069	0,309	0,002	0,011	0,083	FALSE
0,008	0,319	0,000	0,011	0,005	FALSE
0,046	0,292	0,002	0,012	0,072	FALSE
-0,017	0,307	-0,001	0,012	0,018	FALSE
-0,028	0,309	-0,001	0,012	0,033	FALSE
0,004	0,320	0,000	0,007	0,001	FALSE
0,125	0,307	0,005	0,011	0,186	FALSE
0,132	0,301	0,005	0,010	0,190	FALSE
0,133	0,295	0,005	0,010	0,199	FALSE
0,103	0,306	0,004	0,010	0,144	FALSE
0,123	0,302	0,004	0,009	0,182	FALSE
0,116	0,305	0,003	0,009	0,144	FALSE
0,121	0,301	0,004	0,010	0,180	FALSE
0,019	0,303	0,001	0,011	0,029	FALSE
0,075	0,302	0,002	0,006	0,101	FALSE
-0,029	0,306	-0,001	0,010	0,037	FALSE
-0,019	0,300	-0,001	0,010	0,031	FALSE
-0,052	0,309	-0,002	0,010	0,067	FALSE
-0,018	0,312	-0,001	0,011	0,022	FALSE
-0,010	0,297	-0,001	0,010	0,019	FALSE
0,030	0,302	0,001	0,012	0,039	FALSE
-0,047	0,306	-0,001	0,006	0,057	FALSE
-0,053	0,309	-0,001	0,007	0,068	FALSE
0,022	0,311	0,001	0,008	0,042	FALSE
0,075	0,307	0,003	0,013	0,092	FALSE
0,036	0,301	0,001	0,012	0,038	FALSE

0,030	0,299	0,002	0,013	0,063	FALSE
0,068	0,302	0,004	0,013	0,119	FALSE
-0,072	0,301	-0,002	0,010	0,072	FALSE
-0,128	0,311	-0,003	0,007	0,173	FALSE
-0,047	0,309	-0,001	0,006	0,064	FALSE
-0,001	0,310	0,000	0,009	0,012	FALSE
0,101	0,310	0,002	0,006	0,149	FALSE
-0,013	0,305	0,000	0,009	0,001	FALSE
-0,010	0,307	0,000	0,010	0,002	FALSE
0,060	0,299	0,002	0,013	0,070	FALSE
0,049	0,303	0,002	0,013	0,061	FALSE
0,014	0,304	0,000	0,007	0,007	FALSE
-0,007	0,291	0,000	0,007	0,023	FALSE
-0,056	0,305	-0,001	0,007	0,050	FALSE
-0,013	0,318	-0,001	0,013	0,030	FALSE
0,046	0,300	0,001	0,008	0,053	FALSE
-0,054	0,291	-0,002	0,012	0,080	FALSE
-0,058	0,305	-0,002	0,012	0,077	FALSE
-0,069	0,310	-0,003	0,012	0,093	FALSE
-0,068	0,302	-0,003	0,011	0,097	FALSE
-0,106	0,298	-0,004	0,012	0,144	FALSE
-0,097	0,302	-0,004	0,013	0,118	FALSE
0,056	0,322	0,001	0,008	0,059	FALSE
0,073	0,312	0,002	0,007	0,084	FALSE
0,035	0,316	0,001	0,008	0,040	FALSE
-0,020	0,316	-0,001	0,013	0,032	FALSE
0,129	0,290	0,005	0,011	0,191	FALSE
0,133	0,300	0,006	0,013	0,178	FALSE
0,108	0,303	0,004	0,013	0,138	FALSE
0,056	0,300	0,002	0,007	0,083	FALSE
0,148	0,299	0,007	0,013	0,228	FALSE
-0,069	0,307	-0,002	0,011	0,057	FALSE
-0,074	0,306	-0,001	0,008	0,071	FALSE
-0,079	0,295	-0,001	0,008	0,069	FALSE
0,169	0,309	0,006	0,011	0,244	FALSE
0,005	0,322	-0,001	0,014	0,015	FALSE
-0,089	0,309	-0,004	0,012	0,130	FALSE
-0,060	0,295	-0,001	0,008	0,061	FALSE
0,052	0,306	0,001	0,010	0,049	FALSE
0,039	0,305	0,003	0,012	0,084	FALSE
-0,050	0,310	-0,003	0,011	0,088	FALSE
-0,043	0,306	-0,002	0,011	0,075	FALSE
0,079	0,314	0,004	0,012	0,124	FALSE
-0,042	0,327	0,000	0,007	0,022	FALSE
-0,005	0,309	-0,001	0,008	0,039	FALSE
0,035	0,309	0,002	0,013	0,046	FALSE
0,002	0,312	0,001	0,008	0,041	FALSE
-0,002	0,305	0,001	0,008	0,034	FALSE
-0,011	0,309	0,000	0,007	0,021	FALSE
-0,005	0,312	0,001	0,011	0,016	FALSE
-0,115	0,297	-0,004	0,010	0,182	FALSE
0,166	0,299	0,003	0,007	0,213	FALSE
0,094	0,307	0,002	0,009	0,106	FALSE

-0,047	0,303	-0,002	0,012	0,070	FALSE
0,058	0,308	0,002	0,012	0,069	FALSE
0,028	0,304	0,001	0,012	0,038	FALSE
0,036	0,290	0,001	0,010	0,034	FALSE
-0,136	0,308	-0,004	0,010	0,167	FALSE
-0,022	0,304	0,000	0,013	0,007	FALSE
0,023	0,314	0,001	0,013	0,021	FALSE
0,097	0,304	0,003	0,011	0,129	FALSE
0,038	0,301	0,002	0,008	0,084	FALSE
0,019	0,306	0,000	0,012	0,013	FALSE
0,010	0,312	0,000	0,012	0,001	FALSE
0,023	0,308	0,000	0,011	0,012	FALSE
0,013	0,326	0,000	0,012	0,002	FALSE
-0,061	0,321	-0,002	0,013	0,060	FALSE
-0,070	0,310	-0,003	0,012	0,085	FALSE
-0,055	0,311	-0,002	0,012	0,064	FALSE
-0,041	0,327	-0,001	0,007	0,046	FALSE
-0,023	0,302	0,000	0,010	0,014	FALSE
0,009	0,315	0,000	0,008	0,009	FALSE
0,001	0,315	-0,001	0,011	0,017	FALSE
-0,064	0,301	-0,001	0,008	0,070	FALSE
-0,044	0,303	-0,001	0,007	0,053	FALSE
0,074	0,296	0,003	0,010	0,110	FALSE
0,000	0,293	0,001	0,009	0,025	FALSE
-0,009	0,312	0,000	0,012	0,002	FALSE
-0,102	0,293	-0,002	0,008	0,108	FALSE
0,015	0,318	0,001	0,012	0,017	FALSE
0,018	0,305	0,001	0,012	0,015	FALSE
0,022	0,306	0,001	0,013	0,027	FALSE
0,142	0,298	0,005	0,011	0,191	FALSE
0,059	0,305	0,003	0,013	0,077	FALSE
-0,027	0,310	-0,001	0,010	0,053	FALSE
-0,020	0,300	-0,001	0,008	0,037	FALSE
-0,008	0,304	-0,001	0,012	0,017	FALSE
0,018	0,297	0,001	0,007	0,046	FALSE
-0,013	0,326	0,000	0,008	0,004	FALSE
-0,025	0,314	0,000	0,008	0,016	FALSE
-0,046	0,323	-0,001	0,008	0,053	FALSE
-0,050	0,300	-0,001	0,008	0,048	FALSE
-0,112	0,312	-0,002	0,007	0,145	FALSE
0,126	0,294	0,006	0,012	0,203	FALSE
0,064	0,308	0,002	0,007	0,104	FALSE
-0,136	0,297	-0,003	0,006	0,180	FALSE
0,078	0,322	0,003	0,011	0,083	FALSE
-0,146	0,301	-0,003	0,007	0,190	FALSE
-0,046	0,306	-0,001	0,011	0,038	FALSE
-0,052	0,309	-0,001	0,010	0,044	FALSE
-0,020	0,294	-0,001	0,011	0,043	FALSE
0,017	0,315	0,000	0,008	0,000	FALSE
-0,071	0,316	-0,004	0,011	0,149	FALSE
-0,106	0,305	-0,003	0,010	0,118	FALSE
-0,072	0,312	-0,001	0,007	0,076	FALSE
0,018	0,306	0,000	0,010	0,017	FALSE

-0,040	0,302	-0,002	0,013	0,068	FALSE
-0,077	0,308	-0,002	0,007	0,101	FALSE
0,064	0,311	0,002	0,011	0,068	FALSE
-0,016	0,318	0,000	0,007	0,018	FALSE
0,114	0,301	0,002	0,007	0,135	FALSE
-0,076	0,306	-0,003	0,011	0,107	FALSE
0,057	0,300	0,001	0,007	0,057	FALSE
0,037	0,321	0,002	0,011	0,052	FALSE
0,174	0,298	0,007	0,012	0,254	FALSE
0,056	0,304	0,001	0,006	0,066	FALSE
-0,117	0,301	-0,006	0,012	0,211	FALSE
0,157	0,303	0,004	0,008	0,227	FALSE
-0,033	0,293	-0,001	0,010	0,020	FALSE
-0,038	0,310	-0,001	0,007	0,052	FALSE
-0,087	0,312	-0,002	0,006	0,123	FALSE
0,027	0,308	0,001	0,012	0,024	FALSE
-0,035	0,312	-0,001	0,007	0,036	FALSE
0,018	0,302	0,001	0,007	0,027	FALSE
-0,008	0,315	0,000	0,007	0,007	FALSE
0,003	0,306	0,000	0,010	0,013	FALSE
0,086	0,300	0,004	0,012	0,135	FALSE
0,064	0,315	0,001	0,006	0,062	FALSE
0,041	0,298	0,002	0,010	0,067	FALSE
-0,134	0,304	-0,005	0,010	0,191	FALSE
0,089	0,299	0,002	0,007	0,134	FALSE
0,083	0,316	0,002	0,007	0,128	FALSE
-0,033	0,318	-0,001	0,013	0,037	FALSE
0,059	0,317	0,002	0,008	0,092	FALSE
0,063	0,298	0,002	0,008	0,077	FALSE
0,092	0,295	0,003	0,010	0,129	FALSE
-0,181	0,294	-0,006	0,009	0,272	FALSE
0,058	0,306	0,002	0,007	0,110	FALSE
0,054	0,304	0,002	0,010	0,084	FALSE
0,077	0,316	0,002	0,007	0,121	FALSE
0,069	0,294	0,003	0,010	0,101	FALSE
-0,054	0,311	-0,001	0,006	0,083	FALSE
-0,079	0,307	-0,002	0,007	0,106	FALSE
0,091	0,309	0,004	0,011	0,152	FALSE
0,093	0,295	0,004	0,011	0,151	FALSE
-0,058	0,311	-0,003	0,012	0,084	FALSE
-0,024	0,312	-0,002	0,013	0,044	FALSE
-0,049	0,309	-0,002	0,012	0,063	FALSE
-0,044	0,312	-0,002	0,013	0,051	FALSE
-0,051	0,312	-0,002	0,012	0,070	FALSE
-0,060	0,304	-0,003	0,012	0,093	FALSE
0,048	0,314	0,001	0,007	0,068	FALSE
-0,027	0,307	0,000	0,008	0,005	FALSE
0,138	0,303	0,003	0,008	0,171	FALSE
-0,039	0,300	-0,001	0,008	0,052	FALSE
-0,037	0,292	-0,001	0,007	0,032	FALSE
0,012	0,314	0,001	0,010	0,035	FALSE
-0,010	0,310	0,000	0,008	0,016	FALSE
-0,036	0,311	-0,001	0,009	0,040	FALSE

0,086	0,300	0,002	0,006	0,096	FALSE
0,081	0,311	0,003	0,010	0,111	FALSE
0,059	0,306	0,002	0,010	0,081	FALSE
0,047	0,302	0,002	0,010	0,065	FALSE
0,027	0,303	0,001	0,008	0,026	FALSE
-0,011	0,307	-0,001	0,011	0,021	FALSE
0,048	0,300	0,001	0,006	0,066	FALSE
-0,080	0,292	-0,002	0,012	0,079	FALSE
-0,021	0,304	-0,001	0,008	0,045	FALSE
-0,013	0,300	0,000	0,007	0,000	FALSE
0,005	0,305	0,000	0,012	0,002	FALSE
0,032	0,314	0,001	0,010	0,034	FALSE
-0,097	0,311	-0,002	0,007	0,140	FALSE
-0,105	0,312	-0,002	0,007	0,111	FALSE
-0,115	0,305	-0,002	0,007	0,130	FALSE
0,001	0,280	0,000	0,007	0,007	FALSE
0,110	0,316	0,003	0,009	0,143	FALSE
-0,054	0,309	-0,002	0,011	0,069	FALSE
0,065	0,299	0,003	0,011	0,095	FALSE
-0,066	0,309	-0,002	0,009	0,071	FALSE
-0,040	0,308	-0,001	0,008	0,058	FALSE
0,004	0,294	0,000	0,008	0,017	FALSE
0,005	0,309	0,000	0,007	0,023	FALSE
0,088	0,303	0,003	0,007	0,147	FALSE
0,102	0,297	0,005	0,012	0,171	FALSE
0,031	0,313	0,001	0,010	0,033	FALSE
0,019	0,299	0,000	0,011	0,005	FALSE
0,066	0,302	0,002	0,010	0,093	FALSE
0,012	0,305	0,000	0,008	0,003	FALSE
0,054	0,321	0,002	0,009	0,076	FALSE
0,051	0,304	0,001	0,009	0,027	FALSE
0,087	0,304	0,003	0,007	0,159	FALSE
0,051	0,310	0,001	0,008	0,066	FALSE
-0,133	0,303	-0,002	0,006	0,155	FALSE
0,040	0,315	0,002	0,013	0,050	FALSE
0,115	0,300	0,003	0,008	0,155	FALSE
0,104	0,287	0,003	0,007	0,149	FALSE
0,090	0,292	0,003	0,011	0,108	FALSE
-0,004	0,318	0,000	0,007	0,009	FALSE
0,085	0,300	0,002	0,010	0,075	FALSE
-0,049	0,313	-0,002	0,011	0,078	FALSE
0,058	0,298	0,001	0,006	0,065	FALSE
0,157	0,311	0,004	0,009	0,197	FALSE
-0,012	0,308	0,000	0,007	0,005	FALSE
-0,023	0,304	-0,001	0,008	0,058	FALSE
0,108	0,308	0,003	0,009	0,147	FALSE
0,036	0,297	0,000	0,006	0,023	FALSE
0,011	0,310	0,000	0,008	0,015	FALSE
-0,035	0,305	-0,001	0,007	0,061	FALSE
-0,042	0,295	-0,002	0,008	0,070	FALSE
0,027	0,293	0,001	0,010	0,033	FALSE
-0,265	0,291	-0,007	0,009	0,409	FALSE
-0,098	0,313	-0,003	0,007	0,149	FALSE

-0,132	0,300	-0,002	0,006	0,152	FALSE
-0,070	0,301	-0,001	0,008	0,057	FALSE
0,080	0,300	0,002	0,007	0,113	FALSE
-0,146	0,303	-0,004	0,007	0,234	FALSE
-0,093	0,311	-0,002	0,008	0,125	FALSE
-0,002	0,306	0,000	0,010	0,010	FALSE
-0,165	0,317	-0,003	0,007	0,202	FALSE
0,030	0,299	0,001	0,009	0,045	FALSE
0,038	0,296	0,001	0,007	0,026	FALSE
0,050	0,302	0,002	0,012	0,079	FALSE
0,046	0,290	0,002	0,010	0,090	FALSE
-0,024	0,296	0,000	0,008	0,012	FALSE
-0,056	0,302	-0,002	0,013	0,065	FALSE
-0,016	0,301	0,000	0,010	0,012	FALSE
-0,063	0,318	-0,001	0,008	0,055	FALSE
-0,059	0,296	-0,001	0,007	0,057	FALSE
-0,053	0,314	-0,002	0,012	0,072	FALSE
-0,103	0,319	-0,003	0,010	0,133	FALSE
-0,032	0,296	0,000	0,012	0,007	FALSE
-0,070	0,310	-0,002	0,007	0,100	FALSE
0,000	0,311	0,000	0,010	0,015	FALSE
-0,006	0,311	0,000	0,013	0,011	FALSE
0,014	0,320	0,001	0,007	0,036	FALSE
0,051	0,315	0,001	0,008	0,055	FALSE
-0,010	0,299	0,000	0,008	0,013	FALSE
0,065	0,306	0,002	0,008	0,073	FALSE
0,081	0,304	0,001	0,006	0,080	FALSE
-0,013	0,310	0,000	0,008	0,014	FALSE
0,033	0,293	0,002	0,011	0,066	FALSE
0,080	0,312	0,002	0,007	0,122	FALSE
-0,040	0,307	-0,001	0,011	0,041	FALSE
0,031	0,299	0,001	0,012	0,046	FALSE
0,058	0,312	0,002	0,007	0,105	FALSE
0,018	0,299	0,001	0,012	0,018	FALSE
-0,139	0,314	-0,007	0,013	0,221	FALSE
0,194	0,312	0,004	0,007	0,267	FALSE
0,007	0,310	0,000	0,008	0,023	FALSE
0,037	0,315	0,000	0,008	0,011	FALSE
0,019	0,291	0,000	0,009	0,007	FALSE
0,016	0,315	0,001	0,012	0,018	FALSE
0,113	0,297	0,002	0,006	0,147	FALSE
-0,035	0,312	-0,001	0,011	0,043	FALSE
0,015	0,298	0,000	0,009	0,012	FALSE
-0,065	0,315	-0,002	0,010	0,067	FALSE
-0,021	0,308	-0,001	0,010	0,034	FALSE
-0,010	0,305	0,000	0,010	0,013	FALSE
0,076	0,308	0,002	0,007	0,126	FALSE
0,040	0,302	0,000	0,007	0,021	FALSE
0,014	0,304	0,001	0,012	0,025	FALSE
0,026	0,288	0,002	0,011	0,071	FALSE
0,096	0,296	0,003	0,011	0,099	FALSE
-0,004	0,322	0,000	0,006	0,008	FALSE
-0,013	0,297	0,000	0,006	0,025	FALSE

-0,072	0,296	-0,003	0,013	0,092	FALSE
-0,028	0,311	-0,001	0,012	0,022	FALSE
-0,019	0,304	0,000	0,007	0,011	FALSE
0,049	0,312	0,001	0,007	0,065	FALSE
-0,066	0,316	-0,002	0,010	0,062	FALSE
-0,031	0,317	-0,001	0,013	0,025	FALSE
-0,005	0,299	0,000	0,007	0,010	FALSE
-0,034	0,317	-0,001	0,010	0,056	FALSE
-0,067	0,311	-0,002	0,011	0,069	FALSE
-0,017	0,312	0,000	0,008	0,007	FALSE
0,033	0,309	0,001	0,011	0,045	FALSE
0,022	0,316	0,000	0,008	0,019	FALSE
-0,099	0,305	-0,004	0,011	0,148	FALSE
0,042	0,313	0,001	0,010	0,039	FALSE
0,016	0,320	0,001	0,011	0,018	FALSE
0,115	0,296	0,005	0,012	0,176	FALSE
0,028	0,311	0,001	0,011	0,026	FALSE
-0,099	0,305	-0,003	0,008	0,140	FALSE
-0,020	0,314	-0,002	0,012	0,052	FALSE
0,055	0,309	0,002	0,008	0,082	FALSE
-0,005	0,308	0,000	0,007	0,014	FALSE
0,068	0,312	0,003	0,012	0,084	FALSE
-0,090	0,303	-0,003	0,011	0,112	FALSE
-0,058	0,295	-0,003	0,012	0,086	FALSE
-0,022	0,304	-0,001	0,012	0,046	FALSE
0,002	0,315	0,000	0,010	0,004	FALSE
-0,019	0,303	0,000	0,010	0,015	FALSE
-0,019	0,301	0,001	0,011	0,020	FALSE
0,123	0,317	0,003	0,006	0,164	FALSE
0,034	0,304	0,001	0,008	0,025	FALSE
-0,087	0,297	-0,003	0,007	0,143	FALSE
0,088	0,313	0,003	0,009	0,108	FALSE
-0,106	0,307	-0,003	0,009	0,121	FALSE
-0,131	0,308	-0,004	0,010	0,182	FALSE
0,094	0,309	0,003	0,012	0,109	FALSE
-0,041	0,320	-0,001	0,007	0,053	FALSE
-0,036	0,306	-0,001	0,007	0,040	FALSE
-0,067	0,304	-0,002	0,008	0,091	FALSE
-0,054	0,299	-0,003	0,013	0,075	FALSE
-0,166	0,302	-0,003	0,007	0,209	FALSE
-0,098	0,297	-0,002	0,007	0,085	FALSE
-0,032	0,310	-0,001	0,008	0,036	FALSE
-0,008	0,307	0,000	0,008	0,017	FALSE
0,071	0,315	0,002	0,010	0,081	FALSE
0,005	0,315	0,000	0,013	0,002	FALSE
-0,025	0,326	-0,001	0,013	0,039	FALSE
0,204	0,296	0,007	0,011	0,267	FALSE
-0,061	0,303	-0,002	0,009	0,085	FALSE
-0,061	0,306	-0,001	0,006	0,079	FALSE
0,067	0,315	0,002	0,010	0,069	FALSE
-0,002	0,301	0,000	0,008	0,017	FALSE
-0,020	0,306	-0,001	0,008	0,042	FALSE
0,011	0,323	0,001	0,008	0,025	FALSE

-0,005	0,309	0,000	0,008	0,017	FALSE
0,089	0,313	0,004	0,011	0,144	FALSE
0,111	0,307	0,004	0,011	0,163	FALSE
-0,073	0,308	-0,001	0,006	0,081	FALSE
0,027	0,299	0,000	0,011	0,012	FALSE
-0,057	0,294	-0,001	0,008	0,071	FALSE
-0,011	0,308	-0,001	0,009	0,028	FALSE
0,048	0,325	0,001	0,008	0,057	FALSE
-0,032	0,296	-0,001	0,007	0,028	FALSE
0,000	0,311	0,000	0,012	0,014	FALSE
-0,022	0,303	0,000	0,011	0,002	FALSE
0,014	0,299	0,000	0,011	0,015	FALSE
0,018	0,306	0,001	0,012	0,017	FALSE
-0,032	0,310	0,000	0,012	0,009	FALSE
-0,021	0,303	0,000	0,011	0,003	FALSE
-0,032	0,292	0,000	0,011	0,004	FALSE
-0,038	0,295	-0,003	0,013	0,075	FALSE
0,009	0,317	0,000	0,007	0,015	FALSE
-0,072	0,296	-0,003	0,012	0,092	FALSE
0,032	0,319	0,001	0,008	0,045	FALSE
0,055	0,311	0,002	0,011	0,062	FALSE
-0,031	0,311	-0,001	0,011	0,039	FALSE
0,097	0,313	0,004	0,013	0,123	FALSE
0,041	0,313	0,001	0,008	0,061	FALSE
-0,069	0,294	-0,002	0,008	0,115	FALSE
0,135	0,307	0,004	0,008	0,190	FALSE
-0,080	0,305	-0,003	0,012	0,091	FALSE
0,172	0,302	0,006	0,009	0,281	FALSE
-0,044	0,317	-0,001	0,011	0,031	FALSE
0,025	0,325	0,001	0,008	0,028	FALSE
0,012	0,327	0,000	0,008	0,017	FALSE
-0,076	0,320	-0,003	0,013	0,081	FALSE
-0,070	0,315	-0,002	0,013	0,070	FALSE
0,008	0,316	0,000	0,008	0,015	FALSE
-0,003	0,305	0,000	0,013	0,005	FALSE
0,033	0,297	0,001	0,012	0,043	FALSE
-0,083	0,304	-0,002	0,011	0,075	FALSE
0,066	0,304	0,001	0,008	0,061	FALSE
-0,200	0,318	-0,004	0,007	0,262	FALSE
-0,172	0,302	-0,004	0,006	0,250	FALSE
-0,205	0,302	-0,004	0,007	0,286	FALSE
0,209	0,299	0,009	0,012	0,340	FALSE
-0,054	0,314	-0,002	0,011	0,051	FALSE
0,066	0,314	0,002	0,008	0,104	FALSE
-0,083	0,321	-0,002	0,010	0,093	FALSE
-0,056	0,311	-0,002	0,008	0,075	FALSE
0,109	0,311	0,004	0,011	0,157	FALSE
0,048	0,298	0,001	0,010	0,053	FALSE
0,059	0,310	0,001	0,008	0,067	FALSE
0,076	0,290	0,004	0,013	0,113	FALSE
0,053	0,298	0,002	0,013	0,063	FALSE
-0,075	0,304	-0,003	0,013	0,090	FALSE
-0,065	0,301	-0,002	0,012	0,066	FALSE

-0,042	0,308	-0,002	0,011	0,053	FALSE
0,137	0,303	0,003	0,007	0,160	FALSE
0,179	0,311	0,007	0,011	0,272	FALSE
0,023	0,312	0,000	0,009	0,013	FALSE
0,028	0,309	0,001	0,013	0,020	FALSE
0,014	0,321	0,000	0,012	0,010	FALSE
-0,019	0,298	0,000	0,008	0,015	FALSE
0,042	0,308	0,002	0,010	0,057	FALSE
0,047	0,308	0,001	0,007	0,077	FALSE
-0,054	0,305	-0,002	0,012	0,072	FALSE
0,006	0,311	0,000	0,006	0,011	FALSE
-0,041	0,312	-0,001	0,007	0,057	FALSE
-0,024	0,315	0,000	0,007	0,015	FALSE
-0,047	0,308	-0,001	0,006	0,043	FALSE
-0,053	0,305	-0,001	0,008	0,062	FALSE
-0,082	0,313	-0,002	0,008	0,079	FALSE
-0,055	0,320	-0,001	0,009	0,061	FALSE
0,007	0,302	0,001	0,011	0,042	FALSE
-0,051	0,307	-0,001	0,007	0,049	FALSE
0,049	0,305	0,001	0,006	0,063	FALSE
0,124	0,301	0,003	0,006	0,194	FALSE
0,011	0,310	0,001	0,012	0,046	FALSE
0,101	0,304	0,003	0,010	0,136	FALSE
0,046	0,294	0,001	0,008	0,058	FALSE
0,030	0,313	0,001	0,012	0,042	FALSE
-0,087	0,313	-0,004	0,013	0,116	FALSE
0,043	0,301	0,002	0,011	0,058	FALSE
0,059	0,290	0,001	0,006	0,048	FALSE
-0,078	0,299	-0,003	0,011	0,116	FALSE
0,080	0,296	0,004	0,011	0,129	FALSE
-0,017	0,313	0,000	0,010	0,011	FALSE
-0,148	0,292	-0,004	0,009	0,196	FALSE
-0,121	0,303	-0,003	0,007	0,169	FALSE
-0,090	0,317	-0,002	0,007	0,094	FALSE
0,046	0,305	0,002	0,012	0,064	FALSE
-0,034	0,309	0,000	0,007	0,019	FALSE
-0,026	0,309	-0,001	0,012	0,033	FALSE
0,068	0,312	0,001	0,008	0,065	FALSE
0,091	0,309	0,003	0,012	0,107	FALSE
-0,002	0,293	0,000	0,008	0,012	FALSE
-0,028	0,309	-0,001	0,013	0,019	FALSE
0,019	0,287	0,001	0,008	0,039	FALSE
0,101	0,307	0,002	0,008	0,107	FALSE
0,006	0,313	0,000	0,011	0,007	FALSE
-0,152	0,297	-0,003	0,007	0,209	FALSE
-0,087	0,304	-0,002	0,007	0,120	FALSE
-0,011	0,301	-0,001	0,012	0,018	FALSE
-0,136	0,307	-0,006	0,012	0,200	FALSE
-0,069	0,299	-0,002	0,007	0,093	FALSE
-0,099	0,311	-0,004	0,011	0,158	FALSE
-0,063	0,302	-0,002	0,010	0,067	FALSE
-0,077	0,301	-0,002	0,007	0,111	FALSE
-0,070	0,311	-0,002	0,010	0,091	FALSE

0,041	0,324	0,002	0,011	0,061	FALSE
-0,089	0,310	-0,003	0,012	0,112	FALSE
0,040	0,310	0,002	0,013	0,053	FALSE
-0,032	0,316	-0,001	0,007	0,028	FALSE
-0,028	0,301	-0,001	0,008	0,024	FALSE
0,122	0,294	0,005	0,013	0,152	FALSE
-0,054	0,312	-0,002	0,010	0,074	FALSE
-0,098	0,304	-0,003	0,009	0,147	FALSE
0,212	0,292	0,007	0,009	0,349	FALSE
-0,027	0,311	0,000	0,006	0,021	FALSE
-0,073	0,303	-0,002	0,006	0,125	FALSE
-0,075	0,277	-0,003	0,011	0,095	FALSE
0,073	0,301	0,002	0,012	0,061	FALSE
-0,118	0,317	-0,003	0,008	0,155	FALSE
0,001	0,322	0,000	0,009	0,003	FALSE
-0,091	0,309	-0,003	0,009	0,114	FALSE
-0,085	0,315	-0,002	0,007	0,112	FALSE
-0,142	0,297	-0,003	0,007	0,211	FALSE
0,026	0,315	0,001	0,008	0,045	FALSE
0,089	0,303	0,003	0,008	0,123	FALSE
0,012	0,304	0,000	0,010	0,015	FALSE
0,004	0,307	0,000	0,009	0,016	FALSE
0,053	0,300	0,002	0,009	0,072	FALSE
0,040	0,297	0,002	0,010	0,060	FALSE
0,177	0,291	0,006	0,012	0,228	FALSE
0,055	0,310	0,001	0,007	0,055	FALSE
-0,157	0,311	-0,006	0,012	0,212	FALSE
0,019	0,301	0,001	0,009	0,022	FALSE
0,067	0,304	0,002	0,010	0,062	FALSE
0,027	0,312	0,001	0,010	0,034	FALSE
-0,020	0,313	-0,001	0,006	0,035	FALSE
-0,109	0,297	-0,002	0,006	0,146	FALSE
-0,039	0,299	-0,002	0,012	0,056	FALSE
0,045	0,312	0,001	0,007	0,059	FALSE
0,134	0,304	0,003	0,008	0,183	FALSE
0,046	0,304	0,001	0,008	0,052	FALSE
0,120	0,313	0,003	0,008	0,159	FALSE
-0,098	0,303	-0,003	0,011	0,116	FALSE
-0,191	0,277	-0,007	0,011	0,267	FALSE
-0,011	0,308	0,000	0,007	0,004	FALSE
-0,128	0,306	-0,003	0,007	0,183	FALSE
0,064	0,306	0,001	0,007	0,054	FALSE
-0,089	0,305	-0,003	0,012	0,112	FALSE
-0,001	0,311	0,000	0,009	0,011	FALSE
0,065	0,295	0,003	0,013	0,074	FALSE
0,039	0,306	0,003	0,011	0,095	FALSE
0,061	0,296	0,003	0,010	0,130	FALSE
0,056	0,286	0,003	0,010	0,119	FALSE
0,112	0,302	0,004	0,012	0,138	FALSE
-0,101	0,297	-0,002	0,006	0,138	FALSE
0,058	0,312	0,002	0,012	0,053	FALSE
0,108	0,314	0,004	0,012	0,134	FALSE
-0,004	0,313	0,000	0,007	0,004	FALSE

-0,171	0,295	-0,006	0,010	0,257	FALSE
-0,045	0,305	-0,001	0,007	0,046	FALSE
-0,049	0,312	-0,001	0,008	0,044	FALSE
-0,113	0,299	-0,003	0,007	0,179	FALSE
-0,185	0,311	-0,005	0,007	0,283	FALSE
0,020	0,302	0,001	0,007	0,040	FALSE
-0,060	0,303	-0,002	0,009	0,071	FALSE
-0,120	0,302	-0,005	0,012	0,159	FALSE
0,031	0,315	0,000	0,007	0,021	FALSE
-0,079	0,298	-0,003	0,010	0,111	FALSE
0,075	0,322	0,003	0,013	0,084	FALSE
0,087	0,307	0,003	0,009	0,146	FALSE
0,114	0,307	0,003	0,007	0,186	FALSE
-0,131	0,316	-0,004	0,010	0,192	FALSE
-0,114	0,319	-0,004	0,010	0,165	FALSE
-0,031	0,313	-0,001	0,008	0,040	FALSE
0,000	0,293	0,000	0,010	0,013	FALSE
-0,025	0,306	-0,001	0,010	0,024	FALSE
-0,013	0,305	0,000	0,007	0,022	FALSE
0,009	0,305	-0,001	0,011	0,024	FALSE
0,023	0,307	0,001	0,009	0,040	FALSE
-0,014	0,304	-0,001	0,012	0,047	FALSE
-0,001	0,316	0,000	0,008	0,013	FALSE
0,201	0,290	0,006	0,008	0,364	FALSE
-0,060	0,309	-0,003	0,012	0,108	FALSE
-0,016	0,319	0,000	0,013	0,003	FALSE
0,193	0,303	0,006	0,008	0,325	FALSE
-0,123	0,298	-0,003	0,007	0,184	FALSE
0,202	0,287	0,005	0,007	0,324	FALSE
-0,017	0,304	-0,001	0,007	0,058	FALSE
-0,010	0,304	0,000	0,009	0,007	FALSE
-0,030	0,319	-0,001	0,007	0,047	FALSE
-0,217	0,289	-0,009	0,013	0,318	FALSE
0,117	0,298	0,003	0,007	0,157	FALSE
0,071	0,302	0,001	0,007	0,068	FALSE
-0,027	0,318	-0,001	0,010	0,025	FALSE
0,014	0,309	0,000	0,011	0,007	FALSE
0,112	0,303	0,004	0,011	0,143	FALSE
0,025	0,312	0,001	0,008	0,050	FALSE
0,098	0,301	0,004	0,012	0,134	FALSE
0,094	0,329	0,004	0,012	0,118	FALSE
0,103	0,309	0,004	0,012	0,127	FALSE
0,141	0,306	0,006	0,012	0,202	FALSE
0,057	0,293	0,001	0,007	0,064	FALSE
0,037	0,302	0,002	0,011	0,083	FALSE
-0,206	0,292	-0,007	0,010	0,306	FALSE
-0,085	0,302	-0,002	0,008	0,102	FALSE
0,072	0,306	0,002	0,009	0,085	FALSE
0,055	0,302	0,002	0,010	0,064	FALSE
0,093	0,315	0,002	0,009	0,106	FALSE
0,006	0,295	0,001	0,009	0,045	FALSE
0,012	0,307	0,001	0,010	0,026	FALSE
-0,024	0,307	0,000	0,009	0,009	FALSE

-0,029	0,308	0,000	0,009	0,011	FALSE
-0,039	0,311	0,000	0,007	0,021	FALSE
-0,061	0,295	-0,001	0,006	0,075	FALSE
-0,016	0,308	0,000	0,011	0,015	FALSE
0,002	0,315	0,000	0,012	0,000	FALSE
0,097	0,321	0,003	0,008	0,131	FALSE
-0,051	0,311	-0,003	0,013	0,073	FALSE
0,049	0,292	0,001	0,009	0,034	FALSE
0,012	0,313	0,001	0,011	0,024	FALSE
0,091	0,301	0,004	0,012	0,144	FALSE
0,001	0,289	-0,001	0,007	0,027	FALSE
-0,068	0,304	-0,002	0,009	0,108	FALSE
-0,126	0,304	-0,004	0,008	0,184	FALSE
-0,064	0,310	-0,002	0,011	0,082	FALSE
-0,036	0,317	-0,001	0,007	0,038	FALSE
-0,002	0,306	0,000	0,010	0,003	FALSE
-0,027	0,314	-0,001	0,010	0,043	FALSE
0,000	0,304	0,000	0,010	0,008	FALSE
-0,007	0,299	0,000	0,010	0,003	FALSE
-0,065	0,306	-0,002	0,011	0,080	FALSE
0,003	0,306	-0,001	0,012	0,017	FALSE
0,061	0,308	0,002	0,007	0,101	FALSE
-0,024	0,316	-0,001	0,013	0,042	FALSE
0,003	0,297	0,000	0,012	0,011	FALSE
-0,049	0,320	-0,002	0,009	0,064	FALSE
-0,045	0,315	-0,001	0,007	0,032	FALSE
-0,105	0,297	-0,002	0,006	0,098	FALSE
0,162	0,299	0,006	0,011	0,250	FALSE
0,067	0,296	0,003	0,012	0,099	FALSE
0,054	0,319	0,001	0,009	0,055	FALSE
0,000	0,312	0,001	0,013	0,015	FALSE
0,169	0,294	0,005	0,009	0,249	FALSE
-0,032	0,303	0,000	0,008	0,017	FALSE
0,035	0,285	0,001	0,009	0,032	FALSE
-0,004	0,307	0,000	0,007	0,003	FALSE
-0,139	0,284	-0,007	0,012	0,249	FALSE
-0,036	0,305	0,000	0,007	0,011	FALSE
-0,107	0,299	-0,005	0,013	0,143	FALSE
-0,049	0,295	-0,001	0,007	0,066	FALSE
0,035	0,298	0,002	0,012	0,053	FALSE
-0,123	0,301	-0,004	0,009	0,178	FALSE
0,021	0,321	0,000	0,011	0,012	FALSE
-0,086	0,311	-0,002	0,008	0,126	FALSE
0,065	0,315	0,003	0,013	0,092	FALSE
0,010	0,325	0,001	0,013	0,018	FALSE
-0,033	0,298	-0,001	0,007	0,054	FALSE
-0,066	0,318	-0,002	0,008	0,075	FALSE
0,001	0,320	0,000	0,007	0,004	FALSE
0,085	0,312	0,002	0,009	0,107	FALSE
-0,063	0,293	-0,001	0,010	0,055	FALSE
-0,086	0,295	-0,002	0,008	0,106	FALSE
-0,092	0,308	-0,004	0,012	0,120	FALSE
0,042	0,310	0,001	0,012	0,040	FALSE

0,010	0,313	0,001	0,013	0,038	FALSE
-0,052	0,303	-0,001	0,008	0,057	FALSE
0,075	0,304	0,002	0,008	0,117	FALSE
-0,021	0,310	-0,001	0,013	0,035	FALSE
0,012	0,313	0,000	0,008	0,020	FALSE
0,023	0,303	0,001	0,011	0,038	FALSE
-0,106	0,319	-0,004	0,012	0,140	FALSE
0,047	0,310	0,002	0,009	0,064	FALSE
-0,015	0,309	0,000	0,008	0,015	FALSE
-0,063	0,315	-0,002	0,010	0,082	FALSE
-0,041	0,300	-0,001	0,007	0,028	FALSE
-0,061	0,325	-0,001	0,007	0,058	FALSE
-0,013	0,298	0,000	0,013	0,009	FALSE
-0,024	0,316	0,000	0,012	0,002	FALSE
0,034	0,313	0,002	0,013	0,050	FALSE
-0,060	0,313	-0,003	0,012	0,087	FALSE
0,059	0,311	0,002	0,012	0,076	FALSE
-0,098	0,313	-0,003	0,011	0,124	FALSE
0,056	0,296	0,003	0,012	0,103	FALSE
0,069	0,309	0,003	0,012	0,087	FALSE
0,083	0,310	0,003	0,012	0,097	FALSE
0,082	0,302	0,003	0,009	0,131	FALSE
0,011	0,296	0,001	0,010	0,025	FALSE
-0,047	0,306	-0,001	0,006	0,057	FALSE
-0,041	0,306	-0,001	0,007	0,041	FALSE
-0,046	0,303	-0,003	0,011	0,087	FALSE
0,024	0,305	0,000	0,013	0,012	FALSE
-0,027	0,311	-0,001	0,013	0,021	FALSE
-0,206	0,312	-0,005	0,007	0,323	FALSE
-0,107	0,298	-0,004	0,010	0,183	FALSE
0,046	0,314	0,001	0,008	0,066	FALSE
0,030	0,316	0,001	0,008	0,039	FALSE
-0,156	0,313	-0,007	0,013	0,229	FALSE
0,023	0,320	0,000	0,008	0,015	FALSE
0,005	0,310	0,000	0,009	0,004	FALSE
-0,009	0,284	-0,001	0,012	0,023	FALSE
0,030	0,304	0,001	0,007	0,044	FALSE
0,067	0,323	0,002	0,007	0,096	FALSE
-0,058	0,300	-0,001	0,006	0,049	FALSE
0,080	0,290	0,005	0,012	0,162	FALSE
0,002	0,300	0,000	0,011	0,005	FALSE
-0,018	0,314	-0,001	0,010	0,053	FALSE
-0,064	0,306	-0,001	0,010	0,043	FALSE
0,120	0,304	0,004	0,012	0,154	FALSE
-0,051	0,312	-0,002	0,012	0,068	FALSE
-0,083	0,303	-0,004	0,012	0,119	FALSE
-0,060	0,302	-0,002	0,010	0,085	FALSE
-0,042	0,308	-0,002	0,010	0,075	FALSE
0,030	0,299	0,001	0,011	0,039	FALSE
-0,004	0,305	-0,001	0,008	0,027	FALSE
-0,019	0,307	0,000	0,011	0,011	FALSE
-0,001	0,297	0,000	0,009	0,018	FALSE
0,002	0,302	0,000	0,010	0,014	FALSE

-0,029	0,302	-0,001	0,011	0,046	FALSE
0,130	0,312	0,004	0,008	0,184	FALSE
-0,027	0,316	-0,001	0,011	0,021	FALSE
-0,148	0,303	-0,004	0,009	0,193	FALSE
0,124	0,294	0,003	0,008	0,189	FALSE
-0,148	0,306	-0,004	0,009	0,192	FALSE
-0,137	0,286	-0,005	0,008	0,243	FALSE
-0,174	0,278	-0,005	0,007	0,304	FALSE
-0,092	0,284	-0,004	0,012	0,142	FALSE
0,090	0,316	0,003	0,009	0,124	FALSE
-0,031	0,299	-0,002	0,013	0,050	FALSE
0,100	0,308	0,002	0,008	0,113	FALSE
0,132	0,301	0,003	0,007	0,169	FALSE
-0,093	0,304	-0,004	0,013	0,120	FALSE
-0,043	0,316	-0,002	0,013	0,052	FALSE
-0,024	0,329	-0,001	0,013	0,038	FALSE
-0,118	0,298	-0,002	0,006	0,151	FALSE
0,191	0,312	0,004	0,007	0,274	FALSE
0,128	0,301	0,004	0,009	0,203	FALSE
-0,198	0,284	-0,008	0,011	0,314	FALSE
-0,047	0,302	-0,001	0,007	0,040	FALSE
0,121	0,315	0,005	0,012	0,149	FALSE
-0,087	0,303	-0,001	0,006	0,091	FALSE
0,059	0,307	0,002	0,008	0,076	FALSE
-0,012	0,312	-0,001	0,007	0,032	FALSE
-0,021	0,311	-0,001	0,007	0,033	FALSE
0,001	0,300	0,000	0,007	0,002	FALSE
-0,083	0,289	-0,003	0,010	0,106	FALSE
0,070	0,311	0,002	0,007	0,108	FALSE
-0,097	0,326	-0,004	0,013	0,127	FALSE
-0,130	0,301	-0,004	0,011	0,173	FALSE
-0,002	0,311	0,000	0,011	0,001	FALSE
0,024	0,304	0,001	0,010	0,049	FALSE
-0,142	0,299	-0,006	0,012	0,204	FALSE
0,191	0,294	0,005	0,008	0,284	FALSE
0,211	0,306	0,006	0,008	0,298	FALSE
0,066	0,306	0,001	0,007	0,084	FALSE
-0,039	0,315	-0,001	0,010	0,030	FALSE
0,167	0,310	0,005	0,010	0,207	FALSE
0,040	0,306	0,002	0,010	0,061	FALSE
-0,185	0,311	-0,004	0,007	0,244	FALSE
-0,009	0,295	0,000	0,012	0,012	FALSE
-0,011	0,313	0,000	0,008	0,002	FALSE
-0,024	0,306	-0,001	0,008	0,045	FALSE
0,004	0,317	0,000	0,009	0,012	FALSE
-0,033	0,296	-0,002	0,011	0,055	FALSE
0,021	0,317	0,000	0,008	0,017	FALSE
-0,029	0,305	-0,002	0,012	0,063	FALSE
0,015	0,309	0,001	0,007	0,028	FALSE
-0,025	0,298	-0,002	0,011	0,057	FALSE
-0,052	0,309	-0,002	0,012	0,072	FALSE
0,040	0,318	0,001	0,008	0,042	FALSE
-0,101	0,305	-0,003	0,009	0,134	FALSE

-0,041	0,297	-0,001	0,007	0,052	FALSE
-0,085	0,309	-0,003	0,009	0,107	FALSE
-0,048	0,290	-0,001	0,008	0,063	FALSE
-0,036	0,301	-0,002	0,013	0,049	FALSE
-0,048	0,294	-0,002	0,013	0,065	FALSE
0,096	0,316	0,004	0,011	0,137	FALSE
0,045	0,304	0,002	0,013	0,068	FALSE
0,025	0,294	0,002	0,012	0,060	FALSE
0,087	0,303	0,004	0,011	0,144	FALSE
-0,105	0,311	-0,005	0,013	0,166	FALSE
0,015	0,296	0,000	0,007	0,019	FALSE
-0,008	0,295	-0,001	0,011	0,024	FALSE
0,114	0,298	0,003	0,010	0,139	FALSE
0,040	0,318	0,001	0,008	0,040	FALSE
-0,123	0,296	-0,004	0,011	0,160	FALSE
-0,066	0,304	-0,003	0,008	0,119	FALSE
0,062	0,308	0,002	0,011	0,079	FALSE
0,017	0,292	0,001	0,011	0,021	FALSE
-0,054	0,318	-0,002	0,009	0,082	FALSE
0,121	0,321	0,003	0,006	0,187	FALSE
0,077	0,300	0,002	0,011	0,082	FALSE
-0,027	0,314	-0,001	0,008	0,024	FALSE
-0,021	0,311	0,000	0,008	0,017	FALSE
-0,085	0,314	-0,002	0,008	0,087	FALSE
-0,031	0,301	-0,001	0,012	0,035	FALSE
0,071	0,308	0,003	0,012	0,100	FALSE
0,058	0,325	0,002	0,009	0,091	FALSE
0,132	0,307	0,005	0,013	0,146	FALSE
0,106	0,315	0,003	0,010	0,119	FALSE
-0,074	0,296	-0,002	0,007	0,081	FALSE
-0,037	0,296	-0,001	0,008	0,053	FALSE
-0,002	0,304	0,001	0,013	0,017	FALSE
0,041	0,290	0,002	0,012	0,073	FALSE
-0,007	0,309	0,000	0,013	0,005	FALSE
-0,100	0,307	-0,004	0,013	0,138	FALSE
0,011	0,316	0,001	0,009	0,020	FALSE
-0,054	0,308	-0,002	0,010	0,077	FALSE
0,009	0,327	0,000	0,007	0,005	FALSE
0,032	0,306	0,001	0,007	0,043	FALSE
0,039	0,302	0,002	0,011	0,056	FALSE
0,052	0,305	0,002	0,009	0,096	FALSE
0,002	0,288	0,001	0,008	0,028	FALSE
0,083	0,299	0,002	0,006	0,152	FALSE
0,090	0,309	0,002	0,007	0,132	FALSE
0,042	0,309	0,002	0,012	0,047	FALSE
-0,021	0,307	-0,001	0,012	0,040	FALSE
0,100	0,302	0,002	0,008	0,104	FALSE
0,075	0,295	0,003	0,010	0,111	FALSE
0,102	0,312	0,003	0,012	0,106	FALSE
-0,017	0,315	-0,001	0,012	0,018	FALSE
0,044	0,308	0,001	0,009	0,046	FALSE
-0,062	0,301	-0,002	0,013	0,071	FALSE
0,080	0,310	0,002	0,006	0,136	FALSE

0,058	0,306	0,001	0,010	0,031	FALSE
0,002	0,311	0,000	0,010	0,014	FALSE
-0,157	0,295	-0,004	0,008	0,226	FALSE
-0,126	0,301	-0,004	0,010	0,147	FALSE
-0,021	0,305	0,000	0,007	0,013	FALSE
0,131	0,293	0,004	0,010	0,179	FALSE
0,061	0,299	0,003	0,011	0,102	FALSE
0,087	0,302	0,004	0,010	0,146	FALSE
0,023	0,314	0,002	0,012	0,049	FALSE
0,104	0,320	0,003	0,008	0,127	FALSE
0,024	0,318	0,001	0,008	0,054	FALSE
0,001	0,316	0,000	0,010	0,007	FALSE
-0,037	0,304	-0,002	0,012	0,049	FALSE
-0,014	0,313	0,000	0,012	0,010	FALSE
0,044	0,305	0,001	0,013	0,042	FALSE
0,106	0,315	0,003	0,011	0,124	FALSE
0,031	0,310	0,002	0,013	0,047	FALSE
0,002	0,304	0,000	0,011	0,016	FALSE
0,083	0,295	0,003	0,012	0,079	FALSE
-0,051	0,304	-0,002	0,012	0,056	FALSE
-0,107	0,301	-0,002	0,008	0,115	FALSE
0,114	0,301	0,004	0,012	0,153	FALSE
0,179	0,288	0,007	0,013	0,252	FALSE
0,043	0,315	0,001	0,011	0,049	FALSE
0,162	0,306	0,007	0,013	0,232	FALSE
0,079	0,303	0,003	0,011	0,094	FALSE
-0,043	0,304	-0,002	0,009	0,077	FALSE
-0,137	0,296	-0,005	0,012	0,161	FALSE
-0,016	0,324	0,000	0,009	0,019	FALSE
-0,081	0,301	-0,002	0,009	0,096	FALSE
0,134	0,312	0,003	0,008	0,159	FALSE
-0,051	0,307	-0,001	0,007	0,052	FALSE
0,055	0,314	0,001	0,009	0,058	FALSE
0,141	0,304	0,004	0,010	0,162	FALSE
0,186	0,316	0,005	0,010	0,234	FALSE
0,117	0,307	0,004	0,009	0,177	FALSE
-0,062	0,303	-0,002	0,009	0,067	FALSE
-0,002	0,317	-0,001	0,009	0,026	FALSE
0,009	0,317	0,001	0,007	0,026	FALSE
-0,031	0,313	-0,001	0,011	0,031	FALSE
0,037	0,318	0,001	0,012	0,027	FALSE
0,088	0,286	0,002	0,007	0,087	FALSE
0,033	0,308	0,001	0,011	0,032	FALSE
0,096	0,295	0,002	0,007	0,115	FALSE
0,138	0,300	0,006	0,012	0,229	FALSE
0,084	0,306	0,002	0,006	0,101	FALSE
-0,063	0,311	-0,003	0,011	0,103	FALSE
0,072	0,299	0,002	0,012	0,067	FALSE
0,053	0,301	0,001	0,012	0,043	FALSE
0,037	0,310	0,001	0,007	0,081	FALSE
0,032	0,314	0,001	0,007	0,078	FALSE
0,055	0,303	0,002	0,009	0,066	FALSE
0,059	0,301	0,001	0,007	0,044	FALSE

0,046	0,306	0,002	0,012	0,073	FALSE
0,084	0,296	0,003	0,011	0,107	FALSE
0,082	0,319	0,002	0,007	0,114	FALSE
0,078	0,318	0,003	0,011	0,102	FALSE
0,030	0,305	0,002	0,009	0,070	FALSE
0,063	0,311	0,003	0,012	0,099	FALSE
-0,005	0,320	0,000	0,009	0,007	FALSE
-0,006	0,311	0,000	0,008	0,014	FALSE
-0,066	0,303	-0,003	0,011	0,092	FALSE
-0,052	0,324	-0,001	0,007	0,052	FALSE
0,035	0,311	0,001	0,008	0,034	FALSE
0,089	0,299	0,002	0,006	0,154	FALSE
0,055	0,308	0,001	0,011	0,026	FALSE
-0,203	0,277	-0,010	0,012	0,369	FALSE
-0,007	0,305	0,000	0,012	0,009	FALSE
-0,020	0,300	0,000	0,008	0,015	FALSE
0,051	0,305	0,002	0,007	0,096	FALSE
0,004	0,288	0,001	0,009	0,027	FALSE
-0,101	0,316	-0,004	0,011	0,149	FALSE
-0,017	0,309	0,000	0,007	0,020	FALSE
0,046	0,313	0,002	0,010	0,078	FALSE
-0,097	0,298	-0,003	0,009	0,103	FALSE
0,001	0,313	0,000	0,010	0,001	FALSE
0,090	0,302	0,003	0,012	0,113	FALSE
0,096	0,301	0,003	0,011	0,113	FALSE
0,028	0,300	0,001	0,013	0,014	FALSE
0,041	0,302	0,001	0,012	0,043	FALSE
0,111	0,309	0,004	0,012	0,140	FALSE
-0,113	0,303	-0,002	0,008	0,127	FALSE
-0,098	0,295	-0,002	0,006	0,148	FALSE
-0,030	0,308	0,000	0,007	0,016	FALSE
0,145	0,302	0,004	0,009	0,178	FALSE
0,074	0,310	0,003	0,010	0,104	FALSE
0,109	0,296	0,002	0,007	0,124	FALSE
-0,046	0,298	-0,001	0,008	0,060	FALSE
-0,163	0,302	-0,004	0,006	0,269	FALSE
0,077	0,302	0,002	0,006	0,118	FALSE
0,046	0,317	0,001	0,011	0,048	FALSE
0,108	0,300	0,002	0,007	0,126	FALSE
0,036	0,292	0,002	0,010	0,063	FALSE
0,041	0,315	0,002	0,012	0,061	FALSE
-0,192	0,308	-0,008	0,011	0,306	FALSE
-0,162	0,310	-0,007	0,012	0,251	FALSE
0,061	0,306	0,002	0,010	0,077	FALSE
-0,058	0,307	-0,001	0,007	0,042	FALSE
0,022	0,300	-0,001	0,013	0,016	FALSE
0,002	0,289	-0,001	0,012	0,030	FALSE
-0,158	0,288	-0,006	0,011	0,233	FALSE
-0,027	0,290	0,000	0,012	0,009	FALSE
0,168	0,316	0,004	0,008	0,204	FALSE
-0,075	0,317	-0,002	0,010	0,082	FALSE
-0,091	0,295	-0,002	0,007	0,122	FALSE
-0,056	0,305	-0,003	0,012	0,095	FALSE

0,040	0,299	0,001	0,012	0,019	FALSE
-0,071	0,304	-0,002	0,009	0,104	FALSE
-0,084	0,301	-0,003	0,009	0,115	FALSE
0,008	0,294	0,000	0,012	0,001	FALSE
0,040	0,305	0,001	0,007	0,060	FALSE
-0,095	0,306	-0,003	0,009	0,121	FALSE
-0,041	0,306	-0,001	0,008	0,051	FALSE
-0,195	0,290	-0,005	0,007	0,276	FALSE
-0,152	0,301	-0,007	0,012	0,233	FALSE
0,022	0,324	0,001	0,009	0,042	FALSE
0,044	0,319	0,002	0,013	0,069	FALSE
-0,096	0,299	-0,003	0,012	0,083	FALSE
-0,009	0,333	0,000	0,012	0,014	FALSE
0,007	0,319	0,001	0,008	0,021	FALSE
0,048	0,317	0,001	0,008	0,044	FALSE
-0,123	0,307	-0,003	0,008	0,179	FALSE
-0,069	0,304	-0,002	0,008	0,071	FALSE
-0,157	0,306	-0,004	0,008	0,235	FALSE
0,109	0,313	0,004	0,010	0,166	FALSE
0,008	0,298	0,001	0,012	0,024	FALSE
0,189	0,299	0,007	0,011	0,302	FALSE
0,122	0,292	0,006	0,012	0,198	FALSE
-0,051	0,299	-0,002	0,007	0,084	FALSE
0,067	0,307	0,003	0,009	0,108	FALSE
0,013	0,307	0,000	0,007	0,008	FALSE
0,063	0,308	0,002	0,009	0,091	FALSE
0,068	0,309	0,002	0,008	0,099	FALSE
-0,110	0,303	-0,003	0,007	0,153	FALSE
-0,015	0,287	-0,002	0,012	0,047	FALSE
-0,122	0,305	-0,004	0,008	0,176	FALSE
-0,104	0,297	-0,003	0,009	0,135	FALSE
0,059	0,317	0,002	0,012	0,058	FALSE
-0,057	0,318	-0,002	0,009	0,062	FALSE
-0,040	0,308	-0,001	0,009	0,042	FALSE
0,049	0,316	0,001	0,008	0,068	FALSE
0,158	0,309	0,007	0,012	0,233	FALSE
0,034	0,322	0,002	0,011	0,051	FALSE
0,026	0,318	0,002	0,011	0,053	FALSE
-0,205	0,301	-0,009	0,012	0,337	FALSE
-0,017	0,312	0,000	0,009	0,015	FALSE
0,040	0,311	0,002	0,008	0,076	FALSE
0,024	0,311	0,001	0,012	0,024	FALSE
0,023	0,309	0,001	0,012	0,029	FALSE
0,134	0,296	0,005	0,010	0,195	FALSE
0,110	0,307	0,004	0,011	0,154	FALSE
0,136	0,309	0,005	0,011	0,188	FALSE
-0,017	0,296	0,000	0,007	0,006	FALSE
0,094	0,297	0,003	0,009	0,124	FALSE
0,153	0,300	0,003	0,006	0,200	FALSE
0,019	0,314	0,001	0,009	0,022	FALSE
-0,004	0,308	-0,001	0,013	0,032	FALSE
0,096	0,308	0,003	0,011	0,122	FALSE
0,134	0,304	0,004	0,008	0,197	FALSE

-0,039	0,310	-0,001	0,008	0,030	FALSE
-0,050	0,304	-0,001	0,008	0,059	FALSE
-0,021	0,305	-0,001	0,010	0,029	FALSE
-0,002	0,309	0,000	0,006	0,027	FALSE
-0,007	0,315	0,000	0,013	0,004	FALSE
0,107	0,304	0,003	0,008	0,141	FALSE
0,069	0,312	0,002	0,007	0,117	FALSE
-0,078	0,303	-0,002	0,009	0,088	FALSE
-0,094	0,306	-0,004	0,012	0,128	FALSE
0,031	0,310	0,001	0,007	0,048	FALSE
-0,013	0,302	0,000	0,008	0,001	FALSE
0,018	0,304	0,000	0,008	0,013	FALSE
-0,025	0,295	-0,001	0,008	0,024	FALSE
0,165	0,300	0,003	0,007	0,205	FALSE
-0,022	0,300	-0,001	0,011	0,021	FALSE
-0,030	0,289	-0,001	0,007	0,048	FALSE
0,054	0,313	0,001	0,007	0,072	FALSE
0,065	0,312	0,002	0,007	0,090	FALSE
0,095	0,308	0,002	0,008	0,115	FALSE
0,011	0,317	0,000	0,009	0,014	FALSE
0,017	0,315	0,001	0,009	0,027	FALSE
0,045	0,310	0,002	0,012	0,048	FALSE
-0,047	0,294	-0,001	0,007	0,058	FALSE
-0,004	0,309	0,000	0,007	0,017	FALSE
0,113	0,291	0,006	0,012	0,219	FALSE
-0,044	0,316	-0,003	0,010	0,093	FALSE
0,046	0,304	0,001	0,011	0,047	FALSE
-0,029	0,318	-0,002	0,010	0,077	FALSE
-0,051	0,309	-0,002	0,009	0,073	FALSE
-0,060	0,300	-0,001	0,008	0,066	FALSE
-0,107	0,286	-0,004	0,010	0,172	FALSE
0,060	0,310	0,002	0,009	0,075	FALSE
0,003	0,304	0,000	0,007	0,004	FALSE
-0,021	0,305	-0,001	0,013	0,038	FALSE
0,013	0,306	0,000	0,007	0,001	FALSE
0,074	0,305	0,003	0,010	0,112	FALSE
0,075	0,316	0,003	0,011	0,114	FALSE
0,052	0,298	0,001	0,011	0,038	FALSE
-0,045	0,309	-0,002	0,012	0,071	FALSE
-0,099	0,291	-0,004	0,012	0,119	FALSE
0,002	0,298	0,001	0,008	0,028	FALSE
-0,026	0,324	-0,001	0,009	0,038	FALSE
0,065	0,307	0,002	0,007	0,085	FALSE
0,031	0,312	0,001	0,008	0,037	FALSE
-0,044	0,299	-0,001	0,009	0,031	FALSE
0,016	0,309	0,001	0,012	0,029	FALSE
0,007	0,311	0,000	0,009	0,004	FALSE
0,039	0,319	0,001	0,009	0,047	FALSE
0,067	0,313	0,003	0,012	0,089	FALSE
-0,061	0,313	-0,002	0,010	0,075	FALSE
0,064	0,311	0,003	0,012	0,082	FALSE
0,004	0,314	0,000	0,010	0,006	FALSE
-0,016	0,325	0,000	0,013	0,006	FALSE

-0,004	0,311	-0,001	0,011	0,037	FALSE
0,109	0,299	0,004	0,011	0,134	FALSE
-0,107	0,313	-0,003	0,009	0,144	FALSE
-0,043	0,299	-0,002	0,010	0,076	FALSE
-0,077	0,293	-0,003	0,012	0,104	FALSE
-0,155	0,308	-0,003	0,007	0,196	FALSE
-0,148	0,315	-0,005	0,012	0,186	FALSE
0,075	0,316	0,002	0,006	0,093	FALSE
0,016	0,297	0,001	0,013	0,020	FALSE
-0,072	0,307	-0,002	0,007	0,095	FALSE
0,070	0,312	0,003	0,011	0,104	FALSE
0,077	0,309	0,002	0,008	0,090	FALSE
-0,054	0,308	-0,002	0,011	0,076	FALSE
-0,019	0,307	0,000	0,006	0,016	FALSE
0,044	0,315	0,001	0,007	0,068	FALSE
-0,047	0,306	-0,001	0,008	0,058	FALSE
-0,113	0,315	-0,005	0,013	0,156	FALSE
-0,080	0,301	-0,002	0,008	0,089	FALSE
-0,023	0,323	-0,001	0,012	0,030	FALSE
-0,002	0,320	0,000	0,011	0,007	FALSE
0,027	0,298	0,001	0,008	0,031	FALSE
0,058	0,314	0,002	0,008	0,073	FALSE
-0,078	0,312	-0,003	0,012	0,093	FALSE
0,024	0,315	0,001	0,013	0,039	FALSE
0,005	0,319	0,000	0,009	0,008	FALSE
-0,020	0,303	-0,001	0,013	0,026	FALSE
0,004	0,310	0,000	0,009	0,011	FALSE
0,068	0,310	0,001	0,007	0,079	FALSE
0,027	0,313	0,001	0,008	0,039	FALSE
0,083	0,307	0,003	0,009	0,129	FALSE
0,019	0,309	0,000	0,007	0,001	FALSE
0,105	0,309	0,002	0,008	0,115	FALSE
0,015	0,309	0,001	0,008	0,041	FALSE
-0,113	0,304	-0,004	0,009	0,150	FALSE
0,076	0,325	0,002	0,007	0,106	FALSE
0,076	0,291	0,002	0,010	0,080	FALSE
-0,066	0,302	-0,001	0,007	0,042	FALSE
-0,019	0,287	0,000	0,006	0,014	FALSE
-0,055	0,300	-0,002	0,009	0,070	FALSE
0,016	0,272	0,000	0,006	0,028	FALSE
-0,086	0,312	-0,003	0,011	0,117	FALSE
0,023	0,309	0,001	0,007	0,037	FALSE
-0,173	0,302	-0,004	0,007	0,229	FALSE
-0,045	0,306	-0,001	0,010	0,036	FALSE
0,098	0,307	0,004	0,013	0,126	FALSE
-0,049	0,311	-0,002	0,012	0,059	FALSE
-0,028	0,300	0,000	0,011	0,016	FALSE
0,116	0,310	0,004	0,011	0,140	FALSE
0,138	0,306	0,005	0,012	0,181	FALSE
0,099	0,318	0,004	0,013	0,113	FALSE
0,062	0,327	0,002	0,008	0,085	FALSE
-0,047	0,323	-0,001	0,008	0,040	FALSE
-0,044	0,298	-0,001	0,007	0,053	FALSE

0,116	0,307	0,004	0,011	0,156	FALSE
0,063	0,315	0,003	0,012	0,084	FALSE
0,069	0,323	0,003	0,012	0,091	FALSE
-0,047	0,317	-0,001	0,010	0,050	FALSE
0,086	0,314	0,002	0,008	0,108	FALSE
0,037	0,313	0,001	0,009	0,035	FALSE
-0,055	0,304	-0,001	0,008	0,039	FALSE
-0,083	0,294	-0,002	0,007	0,115	FALSE
0,030	0,322	0,001	0,010	0,036	FALSE
0,122	0,302	0,005	0,012	0,181	FALSE
0,030	0,302	0,001	0,010	0,041	FALSE
0,087	0,309	0,002	0,007	0,092	FALSE
-0,068	0,312	-0,003	0,012	0,109	FALSE
0,111	0,298	0,003	0,008	0,154	FALSE
-0,102	0,311	-0,003	0,007	0,151	FALSE
-0,033	0,296	-0,002	0,013	0,059	FALSE
-0,002	0,300	0,000	0,008	0,015	FALSE
0,001	0,304	0,000	0,009	0,010	FALSE
0,009	0,296	0,000	0,008	0,003	FALSE
0,044	0,298	0,001	0,008	0,046	FALSE
-0,084	0,301	-0,004	0,010	0,152	FALSE
-0,018	0,315	-0,001	0,008	0,033	FALSE
-0,002	0,278	0,000	0,006	0,019	FALSE
-0,003	0,285	0,000	0,006	0,009	FALSE
0,023	0,282	0,000	0,007	0,010	FALSE
-0,168	0,315	-0,003	0,007	0,199	FALSE
-0,050	0,312	-0,001	0,008	0,058	FALSE
-0,161	0,292	-0,004	0,006	0,245	FALSE
-0,028	0,317	0,000	0,010	0,015	FALSE
0,050	0,309	0,001	0,011	0,042	FALSE
0,096	0,308	0,003	0,010	0,096	FALSE
0,181	0,300	0,005	0,008	0,285	FALSE
-0,066	0,300	-0,001	0,009	0,054	FALSE
0,151	0,308	0,007	0,012	0,253	FALSE
0,131	0,312	0,003	0,007	0,193	FALSE
0,024	0,306	0,000	0,009	0,017	FALSE
-0,035	0,313	-0,001	0,012	0,044	FALSE
-0,059	0,303	-0,002	0,009	0,065	FALSE
0,056	0,317	0,002	0,010	0,093	FALSE
-0,012	0,291	0,000	0,007	0,020	FALSE
-0,023	0,314	0,000	0,009	0,002	FALSE
-0,025	0,305	0,000	0,009	0,000	FALSE
-0,031	0,300	0,000	0,009	0,020	FALSE
0,101	0,309	0,002	0,007	0,122	FALSE
0,037	0,292	0,001	0,006	0,035	FALSE
-0,012	0,320	0,000	0,009	0,015	FALSE
-0,009	0,316	-0,001	0,012	0,025	FALSE
0,002	0,317	0,000	0,012	0,005	FALSE
0,066	0,313	0,002	0,008	0,096	FALSE
-0,075	0,302	-0,001	0,006	0,081	FALSE
0,004	0,303	0,000	0,013	0,002	FALSE
-0,128	0,304	-0,005	0,013	0,150	FALSE
-0,179	0,294	-0,007	0,012	0,255	FALSE

0,129	0,303	0,006	0,012	0,187	FALSE
-0,085	0,306	-0,003	0,010	0,102	FALSE
-0,059	0,309	-0,002	0,011	0,077	FALSE
-0,027	0,316	-0,002	0,013	0,056	FALSE
-0,119	0,315	-0,003	0,007	0,144	FALSE
-0,204	0,307	-0,006	0,009	0,288	FALSE
0,123	0,290	0,005	0,012	0,177	FALSE
-0,086	0,314	-0,003	0,009	0,113	FALSE
0,138	0,306	0,004	0,007	0,201	FALSE
0,115	0,298	0,003	0,010	0,116	FALSE
0,029	0,305	0,000	0,010	0,004	FALSE
-0,069	0,294	-0,002	0,007	0,088	FALSE
0,118	0,307	0,005	0,011	0,176	FALSE
0,023	0,307	0,002	0,012	0,048	FALSE
0,005	0,306	0,000	0,009	0,008	FALSE
-0,108	0,293	-0,005	0,012	0,160	FALSE
-0,057	0,306	-0,002	0,009	0,070	FALSE
-0,023	0,308	-0,001	0,010	0,024	FALSE
0,110	0,301	0,004	0,012	0,141	FALSE
0,040	0,302	0,001	0,011	0,045	FALSE
-0,004	0,304	0,000	0,009	0,007	FALSE
0,068	0,311	0,003	0,011	0,083	FALSE
0,152	0,293	0,006	0,013	0,208	FALSE
-0,067	0,293	-0,003	0,011	0,099	FALSE
0,155	0,307	0,004	0,008	0,206	FALSE
-0,015	0,312	0,000	0,008	0,020	FALSE
0,032	0,304	0,001	0,008	0,026	FALSE
0,028	0,301	0,001	0,007	0,040	FALSE
0,024	0,317	0,001	0,012	0,020	FALSE
0,040	0,301	0,001	0,010	0,046	FALSE
0,082	0,290	0,003	0,012	0,081	FALSE
-0,048	0,300	-0,001	0,006	0,038	FALSE
-0,077	0,297	-0,003	0,010	0,097	FALSE
-0,072	0,317	-0,002	0,007	0,101	FALSE
0,032	0,309	0,000	0,006	0,001	FALSE
-0,051	0,300	-0,003	0,011	0,097	FALSE
0,035	0,325	0,001	0,008	0,028	FALSE
-0,051	0,303	-0,001	0,007	0,044	FALSE
-0,064	0,310	-0,002	0,008	0,099	FALSE
-0,073	0,310	-0,003	0,010	0,108	FALSE
-0,008	0,308	0,000	0,007	0,002	FALSE
-0,027	0,302	-0,002	0,011	0,062	FALSE
-0,138	0,295	-0,004	0,007	0,204	FALSE
0,038	0,292	0,001	0,011	0,021	FALSE
-0,068	0,286	-0,001	0,006	0,085	FALSE
-0,060	0,318	-0,003	0,013	0,079	FALSE
-0,078	0,311	-0,003	0,012	0,103	FALSE
0,042	0,317	0,002	0,009	0,061	FALSE
-0,018	0,313	0,000	0,010	0,016	FALSE
0,041	0,313	0,001	0,008	0,071	FALSE
0,120	0,302	0,004	0,010	0,174	FALSE
0,122	0,308	0,005	0,009	0,220	FALSE
0,112	0,309	0,003	0,006	0,166	FALSE

-0,165	0,298	-0,007	0,012	0,261	FALSE
-0,110	0,301	-0,003	0,008	0,143	FALSE
-0,045	0,311	-0,002	0,011	0,070	FALSE
-0,137	0,317	-0,005	0,010	0,208	FALSE
-0,105	0,291	-0,004	0,009	0,181	FALSE
0,095	0,310	0,003	0,012	0,115	FALSE
-0,035	0,311	-0,001	0,012	0,039	FALSE
-0,027	0,299	-0,001	0,011	0,044	FALSE
0,041	0,317	0,001	0,013	0,032	FALSE
-0,003	0,314	0,000	0,013	0,004	FALSE
-0,017	0,297	0,000	0,009	0,007	FALSE
-0,014	0,291	0,000	0,007	0,012	FALSE
0,134	0,295	0,005	0,009	0,205	FALSE
0,145	0,302	0,006	0,011	0,207	FALSE
-0,062	0,310	-0,002	0,013	0,070	FALSE
-0,098	0,287	-0,003	0,008	0,146	FALSE
-0,005	0,288	0,000	0,009	0,008	FALSE
0,073	0,317	0,004	0,011	0,132	FALSE
0,119	0,307	0,003	0,008	0,171	FALSE
-0,080	0,321	-0,003	0,011	0,104	FALSE
-0,078	0,313	-0,002	0,010	0,091	FALSE
0,065	0,295	0,001	0,009	0,054	FALSE
-0,210	0,296	-0,007	0,009	0,342	FALSE
0,235	0,285	0,008	0,009	0,464	FALSE
-0,062	0,302	-0,001	0,006	0,083	FALSE
-0,153	0,298	-0,006	0,010	0,240	FALSE
-0,038	0,314	-0,002	0,010	0,075	FALSE
0,019	0,316	0,000	0,008	0,013	FALSE
-0,078	0,315	-0,003	0,012	0,093	FALSE
0,056	0,306	0,002	0,013	0,045	FALSE
-0,003	0,312	0,000	0,008	0,013	FALSE
-0,043	0,309	-0,001	0,007	0,031	FALSE
0,040	0,299	0,001	0,012	0,034	FALSE
0,072	0,307	0,001	0,006	0,067	FALSE
0,100	0,293	0,004	0,011	0,166	FALSE
-0,032	0,304	-0,001	0,008	0,053	FALSE
-0,141	0,324	-0,005	0,010	0,205	FALSE
0,003	0,293	0,000	0,013	0,006	FALSE
0,049	0,308	0,002	0,011	0,054	FALSE
0,070	0,306	0,003	0,011	0,100	FALSE
-0,044	0,308	-0,001	0,010	0,043	FALSE
0,005	0,302	-0,001	0,013	0,020	FALSE
0,026	0,320	0,000	0,012	0,010	FALSE
-0,077	0,294	-0,001	0,006	0,082	FALSE
0,040	0,320	0,002	0,009	0,075	FALSE
0,080	0,302	0,002	0,009	0,104	FALSE
0,099	0,297	0,003	0,008	0,134	FALSE
0,054	0,300	0,001	0,007	0,038	FALSE
0,008	0,304	0,000	0,006	0,006	FALSE
-0,054	0,317	-0,003	0,012	0,094	FALSE
0,019	0,325	0,001	0,008	0,041	FALSE
0,021	0,313	0,000	0,008	0,002	FALSE
0,007	0,311	0,001	0,008	0,023	FALSE

0,140	0,304	0,003	0,007	0,173	FALSE
0,047	0,318	0,002	0,010	0,059	FALSE
0,103	0,305	0,004	0,012	0,124	FALSE
-0,035	0,308	0,000	0,008	0,020	FALSE
0,044	0,292	0,001	0,011	0,034	FALSE
0,030	0,301	0,000	0,006	0,024	FALSE
-0,060	0,303	-0,002	0,011	0,061	FALSE
-0,003	0,312	0,000	0,007	0,006	FALSE
0,093	0,313	0,002	0,007	0,129	FALSE
-0,064	0,291	-0,003	0,012	0,095	FALSE
0,076	0,300	0,003	0,012	0,081	FALSE
0,080	0,310	0,003	0,011	0,101	FALSE
-0,122	0,320	-0,004	0,009	0,172	FALSE
-0,107	0,311	-0,003	0,008	0,136	FALSE
-0,078	0,304	-0,002	0,006	0,097	FALSE
0,062	0,306	0,002	0,007	0,079	FALSE
0,107	0,305	0,002	0,007	0,110	FALSE
0,098	0,317	0,003	0,009	0,117	FALSE
0,023	0,316	0,001	0,010	0,030	FALSE
0,096	0,299	0,004	0,011	0,149	FALSE
0,138	0,305	0,004	0,008	0,203	FALSE
0,100	0,311	0,004	0,012	0,144	FALSE
-0,039	0,300	-0,001	0,008	0,032	FALSE
0,119	0,312	0,004	0,010	0,143	FALSE
0,040	0,303	0,002	0,012	0,046	FALSE
-0,002	0,298	0,000	0,009	0,009	FALSE
-0,154	0,303	-0,005	0,009	0,219	FALSE
0,008	0,304	0,000	0,009	0,016	FALSE
0,066	0,303	0,003	0,011	0,088	FALSE
0,017	0,315	0,001	0,012	0,021	FALSE
0,156	0,289	0,003	0,006	0,218	FALSE
0,122	0,312	0,003	0,007	0,165	FALSE
-0,008	0,312	-0,001	0,013	0,025	FALSE
-0,045	0,312	-0,002	0,013	0,066	FALSE
-0,010	0,293	-0,001	0,012	0,036	FALSE
0,081	0,299	0,002	0,010	0,087	FALSE
0,014	0,313	0,000	0,007	0,016	FALSE
-0,149	0,310	-0,006	0,013	0,209	FALSE
0,003	0,315	0,000	0,010	0,010	FALSE
0,167	0,308	0,006	0,010	0,270	FALSE
0,159	0,310	0,005	0,009	0,255	FALSE
0,169	0,309	0,005	0,009	0,243	FALSE
-0,059	0,319	-0,001	0,006	0,059	FALSE
-0,129	0,292	-0,004	0,008	0,192	FALSE
-0,129	0,314	-0,004	0,008	0,179	FALSE
-0,070	0,310	-0,003	0,012	0,090	FALSE
0,025	0,290	0,002	0,007	0,083	FALSE
-0,046	0,311	-0,002	0,011	0,059	FALSE
-0,045	0,306	-0,001	0,013	0,041	FALSE
-0,003	0,306	0,000	0,011	0,005	FALSE
-0,045	0,297	-0,001	0,007	0,057	FALSE
-0,018	0,299	0,000	0,009	0,011	FALSE
0,100	0,304	0,003	0,009	0,133	FALSE

0,080	0,305	0,003	0,010	0,105	FALSE
-0,046	0,298	-0,001	0,008	0,056	FALSE
0,132	0,319	0,004	0,011	0,151	FALSE
-0,147	0,298	-0,004	0,008	0,179	FALSE
0,109	0,299	0,003	0,010	0,132	FALSE
-0,008	0,315	-0,001	0,009	0,032	FALSE
-0,069	0,303	-0,001	0,006	0,071	FALSE
0,021	0,323	0,001	0,010	0,022	FALSE
0,059	0,303	0,001	0,011	0,048	FALSE
0,020	0,312	0,001	0,013	0,021	FALSE
-0,012	0,300	0,000	0,013	0,010	FALSE
0,025	0,302	0,001	0,008	0,043	FALSE
-0,103	0,296	-0,002	0,009	0,092	FALSE
-0,069	0,301	-0,002	0,010	0,084	FALSE
0,069	0,285	0,002	0,008	0,092	FALSE
0,066	0,286	0,002	0,008	0,098	FALSE
-0,073	0,310	-0,003	0,010	0,107	FALSE
-0,113	0,294	-0,003	0,008	0,179	FALSE
0,053	0,310	0,002	0,013	0,071	FALSE
0,042	0,301	0,002	0,010	0,093	FALSE
0,040	0,317	0,001	0,010	0,053	FALSE
0,013	0,318	0,000	0,008	0,006	FALSE
-0,013	0,293	0,000	0,008	0,013	FALSE
-0,014	0,308	-0,001	0,008	0,038	FALSE
-0,027	0,296	0,000	0,007	0,004	FALSE
-0,050	0,309	-0,001	0,007	0,025	FALSE
0,048	0,317	0,002	0,008	0,077	FALSE
-0,078	0,312	-0,004	0,012	0,119	FALSE
0,027	0,298	0,002	0,013	0,052	FALSE
0,097	0,308	0,003	0,007	0,146	FALSE
0,000	0,312	0,001	0,009	0,021	FALSE
0,051	0,309	0,002	0,009	0,093	FALSE
-0,149	0,315	-0,007	0,013	0,237	FALSE
-0,090	0,319	-0,003	0,011	0,118	FALSE
-0,013	0,297	-0,001	0,006	0,039	FALSE
-0,065	0,297	-0,002	0,007	0,086	FALSE
0,064	0,303	0,004	0,012	0,111	FALSE
-0,071	0,318	-0,001	0,008	0,067	FALSE
-0,030	0,306	-0,001	0,012	0,029	FALSE
0,103	0,312	0,004	0,009	0,172	FALSE
0,052	0,290	0,002	0,012	0,068	FALSE
0,017	0,312	0,000	0,008	0,022	FALSE
-0,152	0,320	-0,004	0,007	0,214	FALSE
-0,177	0,303	-0,005	0,009	0,230	FALSE
-0,099	0,304	-0,003	0,007	0,140	FALSE
0,073	0,307	0,002	0,010	0,088	FALSE
0,057	0,323	0,003	0,013	0,099	FALSE
0,044	0,301	0,001	0,006	0,058	FALSE
0,230	0,289	0,010	0,013	0,371	FALSE
-0,128	0,316	-0,003	0,007	0,174	FALSE
-0,170	0,322	-0,006	0,012	0,224	FALSE
0,086	0,312	0,001	0,007	0,080	FALSE
0,092	0,293	0,002	0,006	0,117	FALSE

0,085	0,300	0,003	0,010	0,130	FALSE
0,095	0,311	0,003	0,012	0,108	FALSE
0,044	0,304	0,003	0,012	0,081	FALSE
-0,065	0,308	-0,002	0,013	0,072	FALSE
-0,029	0,309	-0,001	0,013	0,043	FALSE
0,046	0,297	0,002	0,008	0,094	FALSE
-0,123	0,313	-0,005	0,013	0,172	FALSE
0,080	0,295	0,001	0,006	0,068	FALSE
-0,175	0,299	-0,004	0,007	0,245	FALSE
-0,019	0,291	-0,002	0,012	0,045	FALSE
0,026	0,292	0,001	0,012	0,031	FALSE
0,087	0,297	0,004	0,010	0,167	FALSE
0,112	0,305	0,003	0,008	0,157	FALSE
0,019	0,319	0,000	0,008	0,020	FALSE
0,067	0,303	0,003	0,009	0,112	FALSE
0,061	0,314	0,002	0,011	0,087	FALSE
-0,083	0,302	-0,004	0,012	0,128	FALSE
0,018	0,298	0,000	0,006	0,023	FALSE
0,061	0,304	0,003	0,013	0,083	FALSE
0,027	0,317	0,001	0,009	0,038	FALSE
0,087	0,307	0,003	0,011	0,107	FALSE
-0,083	0,300	-0,004	0,011	0,130	FALSE
0,063	0,312	0,003	0,012	0,080	FALSE
0,042	0,315	0,001	0,007	0,048	FALSE
0,114	0,305	0,003	0,007	0,162	FALSE
0,001	0,307	0,001	0,007	0,027	FALSE
0,044	0,317	0,001	0,008	0,064	FALSE
0,020	0,296	0,001	0,006	0,032	FALSE
0,067	0,304	0,002	0,007	0,096	FALSE
0,067	0,289	0,002	0,007	0,092	FALSE
-0,016	0,315	0,000	0,012	0,003	FALSE
-0,011	0,310	0,000	0,007	0,009	FALSE
0,094	0,318	0,004	0,013	0,104	FALSE
0,074	0,316	0,003	0,012	0,098	FALSE
0,096	0,318	0,004	0,012	0,139	FALSE
-0,040	0,311	-0,001	0,009	0,051	FALSE
0,057	0,312	0,002	0,010	0,078	FALSE
-0,027	0,311	-0,001	0,008	0,042	FALSE
0,013	0,316	0,000	0,011	0,004	FALSE
-0,179	0,305	-0,005	0,008	0,283	FALSE
-0,110	0,302	-0,005	0,012	0,180	FALSE
0,069	0,302	0,003	0,011	0,113	FALSE
-0,116	0,319	-0,003	0,009	0,155	FALSE
0,058	0,304	0,002	0,011	0,053	FALSE
0,007	0,319	0,000	0,008	0,005	FALSE
0,041	0,313	0,002	0,008	0,074	FALSE
0,104	0,317	0,003	0,011	0,118	FALSE
-0,044	0,307	-0,001	0,007	0,056	FALSE
0,036	0,307	0,001	0,013	0,028	FALSE
-0,032	0,320	0,000	0,010	0,011	FALSE
-0,009	0,315	0,001	0,012	0,020	FALSE
-0,036	0,299	-0,002	0,013	0,063	FALSE
-0,012	0,301	0,000	0,011	0,012	FALSE

-0,066	0,301	-0,002	0,008	0,090	FALSE
-0,084	0,305	-0,002	0,007	0,085	FALSE
-0,019	0,317	0,000	0,006	0,013	FALSE
-0,005	0,312	0,000	0,006	0,008	FALSE
-0,142	0,289	-0,006	0,011	0,210	FALSE
-0,131	0,302	-0,006	0,012	0,188	FALSE
0,049	0,311	0,002	0,010	0,067	FALSE
0,030	0,304	0,001	0,008	0,033	FALSE
0,011	0,315	0,000	0,007	0,013	FALSE
0,009	0,315	0,000	0,011	0,010	FALSE
-0,126	0,305	-0,006	0,013	0,188	FALSE
0,056	0,296	0,002	0,009	0,101	FALSE
-0,010	0,318	-0,001	0,011	0,023	FALSE
-0,191	0,299	-0,006	0,009	0,265	FALSE
-0,055	0,299	-0,001	0,007	0,052	FALSE
-0,045	0,313	-0,001	0,012	0,039	FALSE
-0,030	0,309	0,000	0,012	0,013	FALSE
-0,151	0,286	-0,004	0,008	0,237	FALSE
0,188	0,302	0,006	0,012	0,213	FALSE
-0,052	0,295	-0,001	0,012	0,040	FALSE
-0,115	0,293	-0,003	0,008	0,144	FALSE
-0,030	0,324	0,000	0,007	0,020	FALSE
-0,019	0,315	0,000	0,011	0,002	FALSE
-0,018	0,306	-0,001	0,013	0,037	FALSE
0,093	0,302	0,002	0,007	0,136	FALSE
-0,032	0,311	-0,001	0,011	0,047	FALSE
-0,049	0,297	-0,001	0,006	0,074	FALSE
0,040	0,316	0,002	0,011	0,051	FALSE
-0,034	0,299	-0,001	0,010	0,036	FALSE
0,169	0,291	0,005	0,009	0,269	FALSE
0,005	0,319	0,000	0,007	0,014	FALSE
-0,046	0,306	-0,002	0,013	0,054	FALSE
0,121	0,313	0,004	0,011	0,141	FALSE
0,065	0,303	0,001	0,008	0,064	FALSE
0,022	0,311	0,002	0,012	0,055	FALSE
0,127	0,306	0,004	0,008	0,195	FALSE
0,036	0,287	0,001	0,011	0,041	FALSE
-0,039	0,308	-0,001	0,012	0,031	FALSE
0,000	0,303	0,001	0,010	0,017	FALSE
0,092	0,315	0,003	0,007	0,171	FALSE
0,020	0,299	0,000	0,008	0,020	FALSE
0,206	0,316	0,004	0,007	0,275	FALSE
0,012	0,325	0,000	0,010	0,012	FALSE
-0,074	0,306	-0,002	0,008	0,103	FALSE
0,033	0,314	0,001	0,010	0,023	FALSE
-0,013	0,302	0,000	0,012	0,006	FALSE
0,050	0,310	0,001	0,011	0,049	FALSE
0,062	0,292	0,002	0,010	0,076	FALSE
-0,137	0,309	-0,003	0,008	0,177	FALSE
0,086	0,291	0,003	0,007	0,147	FALSE
-0,049	0,287	-0,001	0,007	0,065	FALSE
0,060	0,304	0,002	0,012	0,073	FALSE
0,080	0,297	0,004	0,012	0,113	FALSE

-0,009	0,297	0,000	0,012	0,001	FALSE
-0,089	0,307	-0,003	0,008	0,145	FALSE
-0,098	0,301	-0,003	0,011	0,119	FALSE
-0,060	0,313	-0,003	0,011	0,090	FALSE
-0,036	0,302	-0,001	0,010	0,051	FALSE
-0,025	0,300	-0,001	0,007	0,051	FALSE
-0,073	0,306	-0,004	0,013	0,118	FALSE
0,119	0,305	0,004	0,012	0,150	FALSE
0,025	0,316	0,001	0,007	0,044	FALSE
0,014	0,305	0,000	0,007	0,006	FALSE
-0,127	0,294	-0,005	0,012	0,184	FALSE
0,047	0,318	0,002	0,006	0,101	FALSE
-0,019	0,295	-0,002	0,013	0,062	FALSE
0,005	0,301	-0,001	0,013	0,028	FALSE
-0,018	0,308	-0,002	0,013	0,051	FALSE
0,033	0,303	0,001	0,006	0,052	FALSE
-0,051	0,308	-0,001	0,013	0,039	FALSE
0,128	0,315	0,004	0,009	0,179	FALSE
0,016	0,304	0,000	0,006	0,016	FALSE
-0,058	0,299	-0,002	0,012	0,075	FALSE
0,044	0,288	0,001	0,006	0,038	FALSE
0,071	0,304	0,001	0,007	0,062	FALSE
0,061	0,301	0,003	0,010	0,112	FALSE
0,013	0,302	0,000	0,008	0,005	FALSE
0,111	0,300	0,002	0,007	0,123	FALSE
-0,021	0,295	0,000	0,009	0,001	FALSE
0,082	0,297	0,002	0,008	0,076	FALSE
0,000	0,309	0,000	0,012	0,009	FALSE
-0,011	0,299	0,000	0,006	0,002	FALSE
0,054	0,309	0,002	0,010	0,073	FALSE
-0,142	0,302	-0,004	0,009	0,207	FALSE
-0,008	0,284	0,000	0,009	0,001	FALSE
-0,121	0,294	-0,005	0,010	0,196	FALSE
-0,068	0,305	-0,002	0,008	0,094	FALSE
-0,034	0,288	0,000	0,007	0,021	FALSE
0,060	0,318	0,002	0,007	0,086	FALSE
-0,024	0,310	-0,001	0,012	0,045	FALSE
-0,015	0,309	-0,001	0,012	0,027	FALSE
-0,113	0,296	-0,003	0,007	0,144	FALSE
-0,051	0,308	-0,002	0,011	0,056	FALSE
0,026	0,324	0,001	0,013	0,034	FALSE
-0,029	0,305	-0,001	0,009	0,031	FALSE
0,022	0,302	0,001	0,010	0,043	FALSE
-0,062	0,317	-0,002	0,012	0,054	FALSE
0,022	0,296	0,001	0,009	0,052	FALSE
-0,007	0,306	0,000	0,011	0,001	FALSE
-0,041	0,319	-0,001	0,012	0,043	FALSE
0,027	0,306	0,001	0,011	0,020	FALSE
-0,005	0,307	0,000	0,008	0,017	FALSE
0,035	0,292	0,001	0,007	0,068	FALSE
-0,069	0,301	-0,002	0,011	0,081	FALSE
0,192	0,292	0,004	0,006	0,246	FALSE
-0,042	0,311	-0,001	0,013	0,034	FALSE

0,097	0,289	0,002	0,006	0,129	FALSE
0,072	0,312	0,002	0,008	0,099	FALSE
-0,188	0,303	-0,007	0,013	0,257	FALSE
-0,132	0,298	-0,003	0,008	0,167	FALSE
0,025	0,311	0,001	0,010	0,049	FALSE
0,007	0,306	0,000	0,008	0,009	FALSE
0,016	0,314	0,001	0,009	0,035	FALSE
0,014	0,318	0,001	0,012	0,038	FALSE
0,090	0,294	0,002	0,006	0,090	FALSE
-0,048	0,294	-0,001	0,013	0,036	FALSE
0,066	0,308	0,002	0,009	0,093	FALSE
-0,009	0,333	0,000	0,007	0,010	FALSE
0,067	0,301	0,003	0,011	0,103	FALSE
0,098	0,316	0,003	0,008	0,156	FALSE
-0,044	0,318	-0,001	0,007	0,063	FALSE
-0,006	0,292	0,000	0,009	0,002	FALSE
0,155	0,310	0,004	0,009	0,208	FALSE
0,065	0,310	0,001	0,006	0,074	FALSE
0,013	0,302	0,001	0,008	0,048	FALSE
-0,222	0,259	-0,008	0,010	0,344	TRUE
0,115	0,310	0,003	0,010	0,121	FALSE
-0,065	0,318	-0,001	0,007	0,071	FALSE
0,036	0,314	0,001	0,009	0,041	FALSE
0,093	0,319	0,003	0,012	0,090	FALSE
0,006	0,293	0,001	0,012	0,021	FALSE
-0,084	0,301	-0,003	0,009	0,124	FALSE
-0,065	0,300	-0,001	0,007	0,067	FALSE
0,002	0,295	0,000	0,007	0,002	FALSE
0,040	0,313	0,001	0,008	0,060	FALSE
-0,019	0,304	0,000	0,008	0,011	FALSE
0,069	0,318	0,001	0,007	0,063	FALSE
-0,092	0,314	-0,003	0,009	0,119	FALSE
-0,081	0,308	-0,002	0,009	0,109	FALSE
0,094	0,301	0,003	0,009	0,129	FALSE
-0,010	0,312	-0,001	0,011	0,021	FALSE
-0,074	0,308	-0,002	0,008	0,094	FALSE
0,050	0,309	0,003	0,012	0,093	FALSE
-0,015	0,313	0,000	0,010	0,003	FALSE
-0,031	0,313	-0,001	0,009	0,041	FALSE
-0,147	0,298	-0,006	0,010	0,251	FALSE
-0,057	0,306	-0,001	0,007	0,072	FALSE
0,048	0,308	0,002	0,009	0,066	FALSE
0,020	0,306	0,001	0,009	0,028	FALSE
0,020	0,323	0,001	0,008	0,023	FALSE
0,020	0,308	0,001	0,012	0,016	FALSE
-0,014	0,297	0,000	0,010	0,005	FALSE
-0,001	0,300	0,001	0,012	0,026	FALSE
0,001	0,316	0,000	0,009	0,017	FALSE
0,051	0,302	0,001	0,007	0,054	FALSE
0,046	0,308	0,002	0,012	0,051	FALSE
0,005	0,305	0,000	0,011	0,014	FALSE
0,077	0,308	0,002	0,008	0,106	FALSE
0,047	0,304	0,001	0,007	0,053	FALSE

-0,061	0,326	-0,002	0,011	0,061	FALSE
0,054	0,302	0,002	0,013	0,070	FALSE
0,087	0,299	0,003	0,013	0,105	FALSE
0,048	0,320	0,002	0,013	0,049	FALSE
0,092	0,307	0,002	0,010	0,080	FALSE
0,056	0,297	0,001	0,007	0,074	FALSE
0,014	0,308	0,001	0,012	0,026	FALSE
0,014	0,312	0,000	0,007	0,008	FALSE
0,137	0,308	0,003	0,006	0,181	FALSE
0,122	0,308	0,005	0,013	0,137	FALSE
-0,046	0,308	-0,001	0,008	0,059	FALSE
-0,047	0,307	-0,001	0,007	0,057	FALSE
-0,116	0,307	-0,002	0,007	0,109	FALSE
0,028	0,318	0,001	0,013	0,040	FALSE
0,072	0,309	0,002	0,007	0,107	FALSE
-0,134	0,296	-0,004	0,010	0,174	FALSE
-0,028	0,303	-0,002	0,011	0,070	FALSE
0,176	0,302	0,006	0,009	0,262	FALSE
-0,018	0,305	-0,001	0,009	0,020	FALSE
-0,007	0,303	0,000	0,010	0,005	FALSE
-0,103	0,318	-0,004	0,012	0,134	FALSE
-0,096	0,310	-0,002	0,007	0,130	FALSE
0,087	0,304	0,005	0,013	0,152	FALSE
-0,023	0,304	-0,001	0,012	0,018	FALSE
-0,091	0,290	-0,003	0,008	0,131	FALSE
-0,076	0,301	-0,003	0,011	0,107	FALSE
-0,041	0,323	-0,002	0,013	0,059	FALSE
0,040	0,290	0,002	0,012	0,066	FALSE
-0,030	0,284	-0,001	0,013	0,030	FALSE
-0,060	0,299	-0,002	0,012	0,067	FALSE
0,012	0,309	0,000	0,012	0,005	FALSE
0,101	0,310	0,004	0,012	0,133	FALSE
-0,132	0,289	-0,003	0,007	0,196	FALSE
-0,002	0,310	0,000	0,010	0,004	FALSE
-0,001	0,297	-0,001	0,009	0,026	FALSE
0,016	0,309	0,001	0,007	0,037	FALSE
0,079	0,303	0,003	0,008	0,118	FALSE
-0,066	0,313	-0,003	0,011	0,089	FALSE
0,042	0,312	0,001	0,007	0,068	FALSE
0,109	0,314	0,003	0,007	0,141	FALSE
0,159	0,297	0,005	0,010	0,192	FALSE
-0,047	0,318	-0,002	0,013	0,060	FALSE
-0,005	0,324	0,000	0,008	0,003	FALSE
-0,014	0,329	-0,001	0,013	0,030	FALSE
0,016	0,305	0,000	0,007	0,000	FALSE
-0,106	0,310	-0,004	0,009	0,184	FALSE
0,050	0,311	0,002	0,013	0,066	FALSE
0,071	0,319	0,002	0,007	0,098	FALSE
0,011	0,312	0,000	0,006	0,018	FALSE
-0,024	0,305	0,000	0,006	0,023	FALSE
-0,102	0,313	-0,004	0,012	0,117	FALSE
-0,031	0,304	0,000	0,012	0,004	FALSE
-0,121	0,300	-0,004	0,010	0,180	FALSE

-0,054	0,315	-0,002	0,013	0,045	FALSE
-0,075	0,319	-0,002	0,011	0,078	FALSE
0,092	0,315	0,003	0,011	0,111	FALSE
0,150	0,295	0,004	0,008	0,198	FALSE
-0,007	0,319	0,000	0,010	0,002	FALSE
0,054	0,302	0,002	0,011	0,085	FALSE
0,102	0,295	0,004	0,010	0,152	FALSE
0,125	0,312	0,004	0,010	0,180	FALSE
-0,032	0,300	-0,001	0,011	0,041	FALSE
0,011	0,298	0,001	0,006	0,049	FALSE
0,123	0,293	0,006	0,011	0,244	FALSE
0,046	0,294	0,002	0,006	0,096	FALSE
-0,078	0,308	-0,002	0,008	0,093	FALSE
-0,011	0,309	-0,001	0,007	0,030	FALSE
0,000	0,297	0,000	0,009	0,004	FALSE
-0,010	0,303	-0,001	0,009	0,026	FALSE
-0,061	0,306	-0,002	0,007	0,104	FALSE
0,075	0,305	0,002	0,009	0,092	FALSE
0,049	0,319	0,002	0,009	0,076	FALSE
0,020	0,301	0,000	0,008	0,021	FALSE
0,052	0,315	0,002	0,009	0,063	FALSE
-0,073	0,312	-0,001	0,008	0,074	FALSE
0,068	0,301	0,002	0,012	0,067	FALSE
0,106	0,303	0,004	0,012	0,124	FALSE
0,041	0,299	0,001	0,009	0,055	FALSE
0,086	0,313	0,004	0,013	0,134	FALSE
-0,126	0,302	-0,004	0,009	0,175	FALSE
0,185	0,302	0,008	0,013	0,268	FALSE
0,089	0,292	0,003	0,010	0,116	FALSE
0,037	0,293	0,002	0,012	0,078	FALSE
0,008	0,301	0,000	0,009	0,001	FALSE
-0,076	0,303	-0,003	0,011	0,096	FALSE
-0,113	0,284	-0,005	0,012	0,164	FALSE
-0,099	0,307	-0,003	0,011	0,118	FALSE
-0,001	0,313	0,001	0,010	0,023	FALSE
0,008	0,315	-0,001	0,010	0,019	FALSE
-0,094	0,298	-0,003	0,010	0,113	FALSE
0,046	0,297	0,001	0,008	0,071	FALSE
-0,063	0,299	-0,002	0,009	0,068	FALSE
0,010	0,300	0,000	0,013	0,002	FALSE
0,007	0,297	0,000	0,010	0,006	FALSE
0,082	0,291	0,003	0,010	0,109	FALSE
-0,006	0,301	0,000	0,010	0,002	FALSE
0,089	0,312	0,002	0,007	0,123	FALSE
-0,083	0,307	-0,003	0,012	0,097	FALSE
0,001	0,306	0,000	0,008	0,001	FALSE
0,008	0,307	0,000	0,011	0,009	FALSE
0,069	0,304	0,003	0,012	0,097	FALSE
-0,085	0,309	-0,004	0,013	0,112	FALSE
-0,083	0,316	-0,003	0,012	0,102	FALSE
-0,030	0,308	-0,001	0,012	0,021	FALSE
-0,020	0,313	0,000	0,007	0,023	FALSE
-0,055	0,305	-0,002	0,010	0,066	FALSE

0,112	0,294	0,004	0,012	0,147	FALSE
0,053	0,320	0,001	0,010	0,054	FALSE
0,013	0,310	0,000	0,012	0,008	FALSE
-0,029	0,302	0,000	0,010	0,006	FALSE
-0,030	0,319	-0,001	0,007	0,035	FALSE
0,214	0,281	0,009	0,011	0,367	FALSE
-0,126	0,298	-0,004	0,008	0,185	FALSE
-0,149	0,323	-0,004	0,008	0,212	FALSE
-0,176	0,301	-0,004	0,007	0,273	FALSE
-0,175	0,295	-0,007	0,012	0,243	FALSE
-0,047	0,296	-0,001	0,012	0,028	FALSE
-0,056	0,301	-0,002	0,007	0,084	FALSE
0,000	0,306	0,000	0,008	0,012	FALSE
0,005	0,287	0,000	0,012	0,002	FALSE
0,057	0,307	0,002	0,012	0,066	FALSE
0,039	0,300	0,001	0,011	0,047	FALSE
-0,059	0,297	-0,002	0,011	0,059	FALSE
0,022	0,298	0,001	0,008	0,064	FALSE
0,087	0,311	0,002	0,007	0,090	FALSE
0,050	0,295	0,002	0,009	0,081	FALSE
0,067	0,309	0,002	0,009	0,065	FALSE
-0,017	0,299	0,000	0,009	0,015	FALSE
-0,079	0,300	-0,003	0,009	0,114	FALSE
-0,007	0,299	0,000	0,008	0,013	FALSE
-0,033	0,309	-0,001	0,007	0,035	FALSE
0,039	0,298	0,000	0,007	0,002	FALSE
0,036	0,304	0,000	0,007	0,017	FALSE
-0,090	0,304	-0,002	0,008	0,100	FALSE
0,109	0,296	0,005	0,012	0,162	FALSE
0,000	0,311	0,000	0,008	0,004	FALSE
-0,142	0,307	-0,004	0,009	0,218	FALSE
-0,058	0,304	-0,003	0,012	0,078	FALSE
0,028	0,315	0,001	0,008	0,038	FALSE
-0,071	0,292	-0,002	0,011	0,087	FALSE
-0,078	0,309	-0,002	0,007	0,088	FALSE
-0,043	0,322	-0,001	0,008	0,062	FALSE
0,044	0,314	0,001	0,010	0,047	FALSE
-0,071	0,311	-0,003	0,010	0,099	FALSE
-0,008	0,310	-0,001	0,011	0,018	FALSE
-0,005	0,316	0,000	0,013	0,009	FALSE
0,061	0,314	0,003	0,013	0,075	FALSE
-0,069	0,316	-0,002	0,012	0,058	FALSE
-0,006	0,290	0,000	0,006	0,012	FALSE
-0,118	0,310	-0,005	0,012	0,171	FALSE
0,025	0,317	0,001	0,009	0,038	FALSE
-0,061	0,291	-0,002	0,008	0,101	FALSE
-0,116	0,285	-0,005	0,012	0,165	FALSE
-0,096	0,310	-0,002	0,007	0,133	FALSE
-0,045	0,303	-0,002	0,010	0,074	FALSE
0,086	0,314	0,003	0,008	0,116	FALSE
0,034	0,302	0,001	0,012	0,028	FALSE
-0,011	0,322	0,000	0,008	0,020	FALSE
-0,013	0,312	0,000	0,009	0,018	FALSE

0,033	0,316	0,001	0,012	0,037	FALSE
-0,057	0,308	-0,002	0,012	0,069	FALSE
-0,003	0,308	0,000	0,008	0,014	FALSE
-0,041	0,302	-0,001	0,007	0,053	FALSE
0,111	0,312	0,003	0,007	0,153	FALSE
0,164	0,295	0,004	0,007	0,228	FALSE
-0,222	0,291	-0,010	0,012	0,370	FALSE
-0,061	0,310	-0,002	0,008	0,106	FALSE
-0,076	0,305	-0,003	0,011	0,124	FALSE
0,053	0,313	0,002	0,013	0,052	FALSE
0,025	0,298	0,001	0,007	0,037	FALSE
-0,194	0,298	-0,005	0,008	0,271	FALSE
-0,005	0,315	0,000	0,010	0,005	FALSE
-0,089	0,295	-0,004	0,012	0,144	FALSE
-0,114	0,307	-0,005	0,010	0,190	FALSE
-0,101	0,311	-0,002	0,008	0,113	FALSE
-0,102	0,304	-0,002	0,008	0,121	FALSE
-0,027	0,309	0,000	0,007	0,016	FALSE
-0,082	0,302	-0,004	0,012	0,141	FALSE
-0,079	0,305	-0,002	0,009	0,104	FALSE
-0,085	0,295	-0,003	0,012	0,082	FALSE
-0,028	0,310	-0,001	0,010	0,042	FALSE
0,182	0,302	0,006	0,009	0,304	FALSE
0,161	0,308	0,007	0,013	0,213	FALSE
-0,140	0,309	-0,006	0,013	0,180	FALSE
0,054	0,305	0,001	0,009	0,055	FALSE
0,046	0,305	0,001	0,011	0,029	FALSE
-0,041	0,314	-0,002	0,011	0,068	FALSE
0,060	0,311	0,003	0,012	0,083	FALSE
-0,048	0,297	-0,002	0,012	0,051	FALSE
0,100	0,305	0,004	0,013	0,110	FALSE
0,045	0,302	0,001	0,007	0,052	FALSE
0,056	0,301	0,001	0,007	0,063	FALSE
0,085	0,317	0,003	0,009	0,112	FALSE
0,029	0,311	0,001	0,012	0,028	FALSE
0,039	0,316	0,002	0,009	0,061	FALSE
0,175	0,306	0,004	0,007	0,247	FALSE
-0,091	0,313	-0,002	0,007	0,106	FALSE
0,039	0,299	0,001	0,007	0,059	FALSE
-0,082	0,299	-0,002	0,008	0,104	FALSE
-0,174	0,312	-0,005	0,009	0,227	FALSE
0,226	0,304	0,007	0,009	0,371	FALSE
0,146	0,298	0,003	0,007	0,189	FALSE
0,034	0,307	0,001	0,011	0,046	FALSE
0,069	0,318	0,001	0,007	0,082	FALSE
0,108	0,305	0,003	0,008	0,153	FALSE
-0,023	0,317	-0,001	0,009	0,027	FALSE
-0,072	0,300	-0,002	0,008	0,082	FALSE
-0,040	0,300	-0,002	0,009	0,084	FALSE
0,029	0,309	0,001	0,007	0,053	FALSE
-0,022	0,309	0,000	0,007	0,021	FALSE
0,103	0,300	0,002	0,008	0,117	FALSE
-0,143	0,302	-0,003	0,008	0,171	FALSE

-0,148	0,308	-0,005	0,010	0,195	FALSE
0,101	0,316	0,002	0,009	0,102	FALSE
-0,136	0,311	-0,005	0,011	0,176	FALSE
0,130	0,302	0,005	0,009	0,213	FALSE
-0,046	0,290	-0,002	0,008	0,102	FALSE
0,086	0,296	0,004	0,012	0,141	FALSE
-0,088	0,308	-0,002	0,007	0,117	FALSE
-0,007	0,302	0,000	0,008	0,010	FALSE
-0,157	0,309	-0,005	0,009	0,238	FALSE
0,180	0,302	0,006	0,010	0,240	FALSE
-0,085	0,317	-0,002	0,011	0,084	FALSE
0,019	0,299	0,000	0,012	0,012	FALSE
-0,183	0,300	-0,007	0,011	0,276	FALSE
-0,129	0,299	-0,005	0,012	0,177	FALSE
-0,046	0,315	-0,001	0,013	0,040	FALSE
-0,042	0,294	-0,001	0,007	0,032	FALSE
0,002	0,320	0,001	0,012	0,023	FALSE
0,006	0,305	0,001	0,011	0,030	FALSE
0,055	0,321	0,001	0,009	0,050	FALSE
0,090	0,309	0,002	0,008	0,089	FALSE
0,053	0,308	0,001	0,008	0,060	FALSE
-0,054	0,299	-0,001	0,007	0,051	FALSE
-0,141	0,291	-0,005	0,012	0,172	FALSE
0,015	0,307	0,000	0,009	0,001	FALSE
0,040	0,307	0,001	0,007	0,039	FALSE
0,066	0,316	0,002	0,008	0,110	FALSE
-0,103	0,300	-0,005	0,013	0,150	FALSE
-0,014	0,314	-0,001	0,010	0,037	FALSE
-0,006	0,302	0,000	0,012	0,004	FALSE
0,004	0,311	0,001	0,012	0,024	FALSE
-0,020	0,310	-0,001	0,011	0,034	FALSE
0,093	0,300	0,002	0,006	0,118	FALSE
-0,064	0,310	-0,001	0,008	0,055	FALSE
0,073	0,303	0,002	0,008	0,120	FALSE
0,000	0,302	0,000	0,012	0,014	FALSE
0,036	0,314	0,002	0,008	0,082	FALSE
0,062	0,303	0,003	0,011	0,091	FALSE
-0,123	0,318	-0,003	0,007	0,162	FALSE
-0,092	0,310	-0,003	0,010	0,131	FALSE
0,048	0,320	0,001	0,008	0,057	FALSE
-0,003	0,316	0,000	0,008	0,018	FALSE
-0,087	0,305	-0,006	0,013	0,178	FALSE
-0,039	0,296	-0,002	0,010	0,064	FALSE
-0,043	0,304	-0,002	0,010	0,066	FALSE
-0,009	0,298	0,000	0,007	0,019	FALSE
-0,037	0,309	-0,001	0,010	0,039	FALSE
-0,070	0,315	-0,002	0,010	0,077	FALSE
0,018	0,300	0,000	0,007	0,017	FALSE
0,065	0,298	0,001	0,006	0,075	FALSE
0,025	0,306	0,001	0,006	0,037	FALSE
-0,070	0,277	-0,002	0,006	0,121	FALSE
-0,022	0,302	-0,001	0,006	0,059	FALSE
-0,084	0,305	-0,003	0,009	0,136	FALSE

-0,087	0,308	-0,003	0,009	0,128	FALSE
0,027	0,303	0,001	0,008	0,051	FALSE
-0,027	0,324	-0,001	0,008	0,041	FALSE
0,018	0,298	0,000	0,012	0,000	FALSE
0,125	0,306	0,003	0,008	0,133	FALSE
0,005	0,321	0,000	0,007	0,005	FALSE
0,037	0,302	0,001	0,009	0,060	FALSE
0,015	0,287	0,001	0,008	0,037	FALSE
0,058	0,307	0,002	0,009	0,098	FALSE
0,012	0,310	0,001	0,013	0,020	FALSE
0,208	0,289	0,004	0,007	0,259	FALSE
0,213	0,300	0,004	0,007	0,299	FALSE
-0,034	0,312	-0,001	0,008	0,043	FALSE
-0,041	0,329	-0,001	0,007	0,056	FALSE
-0,145	0,303	-0,004	0,010	0,178	FALSE
0,061	0,288	0,002	0,008	0,119	FALSE
-0,138	0,306	-0,005	0,010	0,193	FALSE
0,032	0,300	0,001	0,010	0,048	FALSE
-0,044	0,303	-0,001	0,007	0,067	FALSE
-0,035	0,314	-0,001	0,012	0,033	FALSE
0,058	0,321	0,002	0,008	0,089	FALSE
-0,002	0,317	0,000	0,011	0,003	FALSE
0,011	0,306	0,001	0,010	0,019	FALSE
0,057	0,312	0,002	0,008	0,088	FALSE
-0,001	0,303	0,000	0,012	0,004	FALSE
0,106	0,300	0,004	0,013	0,112	FALSE
0,029	0,302	0,002	0,010	0,076	FALSE
0,028	0,315	0,001	0,009	0,044	FALSE
0,009	0,304	0,001	0,010	0,019	FALSE
-0,054	0,301	-0,001	0,008	0,065	FALSE
0,063	0,323	0,003	0,012	0,090	FALSE
0,060	0,314	0,002	0,010	0,074	FALSE
-0,043	0,299	-0,001	0,012	0,042	FALSE
0,010	0,310	0,000	0,011	0,001	FALSE
-0,027	0,320	-0,001	0,012	0,035	FALSE
0,016	0,304	0,000	0,008	0,001	FALSE
-0,016	0,300	-0,001	0,010	0,031	FALSE
0,079	0,312	0,002	0,007	0,109	FALSE
-0,051	0,311	-0,002	0,009	0,061	FALSE
-0,081	0,292	-0,003	0,009	0,118	FALSE
-0,033	0,320	-0,001	0,007	0,039	FALSE
-0,087	0,304	-0,002	0,007	0,123	FALSE
-0,032	0,310	-0,001	0,007	0,040	FALSE
0,010	0,320	0,000	0,011	0,013	FALSE
-0,027	0,297	-0,001	0,008	0,026	FALSE
-0,039	0,311	-0,001	0,009	0,043	FALSE
0,098	0,304	0,005	0,013	0,167	FALSE
-0,047	0,309	-0,001	0,007	0,080	FALSE
0,058	0,306	0,003	0,011	0,100	FALSE
0,076	0,310	0,003	0,012	0,092	FALSE
0,035	0,314	0,001	0,011	0,031	FALSE
-0,026	0,315	0,000	0,009	0,006	FALSE
-0,015	0,298	0,000	0,010	0,002	FALSE

0,092	0,296	0,003	0,009	0,140	FALSE
0,047	0,315	0,002	0,013	0,053	FALSE
-0,044	0,307	-0,001	0,009	0,029	FALSE
-0,109	0,302	-0,003	0,007	0,154	FALSE
0,048	0,322	0,002	0,009	0,060	FALSE
-0,059	0,311	-0,001	0,007	0,051	FALSE
-0,033	0,316	-0,001	0,013	0,023	FALSE
0,062	0,304	0,001	0,007	0,078	FALSE
0,099	0,308	0,003	0,013	0,093	FALSE
0,089	0,313	0,003	0,013	0,081	FALSE
0,023	0,307	0,001	0,012	0,020	FALSE
0,088	0,298	0,004	0,013	0,107	FALSE
0,134	0,306	0,004	0,011	0,167	FALSE
0,109	0,300	0,003	0,011	0,120	FALSE
0,085	0,292	0,002	0,011	0,083	FALSE
-0,061	0,304	-0,001	0,007	0,066	FALSE
0,058	0,320	0,001	0,008	0,057	FALSE
-0,064	0,296	-0,001	0,006	0,065	FALSE
0,119	0,299	0,003	0,008	0,167	FALSE
-0,048	0,304	-0,001	0,007	0,050	FALSE
0,088	0,309	0,004	0,011	0,129	FALSE
-0,055	0,290	-0,001	0,007	0,059	FALSE
-0,150	0,292	-0,003	0,007	0,199	FALSE
0,032	0,314	0,001	0,007	0,051	FALSE
0,054	0,315	0,002	0,011	0,066	FALSE
0,026	0,293	-0,001	0,010	0,022	FALSE
0,021	0,301	0,001	0,008	0,027	FALSE
0,071	0,313	0,002	0,011	0,081	FALSE
0,004	0,300	0,000	0,011	0,003	FALSE
0,025	0,306	0,001	0,010	0,035	FALSE
-0,116	0,306	-0,004	0,009	0,203	FALSE
-0,005	0,308	0,000	0,010	0,007	FALSE
-0,061	0,305	-0,001	0,008	0,065	FALSE
0,141	0,303	0,004	0,010	0,185	FALSE
-0,011	0,304	-0,001	0,007	0,036	FALSE
-0,047	0,303	-0,001	0,008	0,042	FALSE
0,078	0,306	0,002	0,006	0,090	FALSE
-0,052	0,310	-0,001	0,008	0,044	FALSE
-0,069	0,307	-0,001	0,007	0,072	FALSE
-0,054	0,302	-0,001	0,009	0,036	FALSE
0,008	0,295	0,001	0,010	0,042	FALSE
-0,013	0,298	0,001	0,010	0,018	FALSE
0,028	0,303	0,001	0,007	0,035	FALSE
-0,018	0,315	0,000	0,011	0,000	FALSE
-0,057	0,288	-0,001	0,008	0,039	FALSE
0,069	0,322	0,001	0,008	0,050	FALSE
0,161	0,290	0,008	0,013	0,285	FALSE
0,134	0,299	0,007	0,013	0,223	FALSE
0,154	0,310	0,004	0,008	0,203	FALSE
-0,111	0,312	-0,005	0,013	0,159	FALSE
0,196	0,296	0,006	0,010	0,274	FALSE
0,022	0,304	0,000	0,007	0,017	FALSE
0,043	0,300	0,001	0,008	0,052	FALSE

-0,037	0,308	-0,001	0,011	0,018	FALSE
-0,019	0,299	-0,001	0,008	0,028	FALSE
0,063	0,306	0,002	0,009	0,081	FALSE
-0,042	0,313	-0,001	0,007	0,041	FALSE
0,082	0,304	0,003	0,009	0,113	FALSE
0,165	0,316	0,007	0,011	0,256	TRUE
-0,168	0,309	-0,005	0,009	0,223	FALSE
-0,012	0,301	-0,001	0,008	0,038	FALSE
0,072	0,315	0,002	0,008	0,101	FALSE
0,074	0,304	0,001	0,006	0,079	FALSE
0,068	0,299	0,001	0,007	0,065	FALSE
-0,038	0,297	-0,002	0,008	0,069	FALSE
0,094	0,303	0,003	0,008	0,138	FALSE
0,206	0,313	0,005	0,008	0,312	FALSE
0,007	0,318	0,000	0,007	0,012	FALSE
-0,019	0,305	-0,001	0,013	0,038	FALSE
-0,132	0,302	-0,003	0,007	0,179	FALSE
-0,040	0,307	-0,002	0,013	0,073	FALSE
-0,049	0,306	-0,002	0,012	0,063	FALSE
-0,094	0,295	-0,005	0,013	0,157	FALSE
-0,014	0,302	0,000	0,008	0,013	FALSE
-0,017	0,308	0,000	0,009	0,013	FALSE
-0,066	0,303	-0,002	0,009	0,104	FALSE
0,043	0,320	0,001	0,013	0,039	FALSE
0,054	0,302	0,001	0,010	0,053	FALSE
-0,015	0,301	-0,001	0,013	0,033	FALSE
0,176	0,297	0,004	0,007	0,228	FALSE
0,122	0,311	0,003	0,009	0,140	FALSE
0,041	0,308	0,001	0,007	0,058	FALSE
0,113	0,303	0,004	0,009	0,158	FALSE
-0,063	0,308	-0,002	0,011	0,060	FALSE
-0,060	0,303	-0,001	0,007	0,046	FALSE
0,002	0,288	0,000	0,006	0,011	FALSE
0,021	0,314	0,001	0,010	0,019	FALSE
0,120	0,305	0,003	0,008	0,155	FALSE
-0,014	0,308	-0,001	0,009	0,021	FALSE
-0,006	0,317	-0,001	0,010	0,022	FALSE
-0,040	0,314	-0,001	0,009	0,060	FALSE
-0,063	0,305	-0,003	0,009	0,107	FALSE
-0,051	0,287	-0,002	0,008	0,095	FALSE
-0,078	0,298	-0,003	0,009	0,125	FALSE
0,147	0,306	0,004	0,008	0,200	FALSE
0,020	0,311	0,000	0,007	0,008	FALSE
-0,110	0,319	-0,003	0,008	0,135	FALSE
0,143	0,300	0,006	0,012	0,217	FALSE
-0,040	0,301	-0,001	0,008	0,029	FALSE
-0,016	0,304	0,000	0,007	0,015	FALSE
0,076	0,297	0,003	0,012	0,110	FALSE
0,116	0,299	0,003	0,008	0,159	FALSE
-0,002	0,299	0,000	0,008	0,012	FALSE
0,002	0,297	-0,001	0,013	0,023	FALSE
0,020	0,309	0,000	0,013	0,007	FALSE
0,057	0,310	0,002	0,013	0,060	FALSE

0,044	0,305	0,001	0,007	0,059	FALSE
-0,087	0,302	-0,003	0,009	0,120	FALSE
0,055	0,293	0,001	0,007	0,065	FALSE
0,068	0,309	0,001	0,007	0,063	FALSE
0,085	0,303	0,002	0,012	0,070	FALSE
-0,059	0,311	-0,002	0,007	0,077	FALSE
-0,053	0,306	-0,001	0,009	0,048	FALSE
-0,015	0,300	-0,001	0,008	0,041	FALSE
-0,063	0,300	-0,001	0,007	0,079	FALSE
0,106	0,312	0,003	0,009	0,131	FALSE
-0,039	0,299	-0,002	0,009	0,082	FALSE
-0,061	0,311	-0,002	0,011	0,081	FALSE
-0,048	0,307	-0,002	0,011	0,078	FALSE
-0,048	0,312	-0,002	0,013	0,052	FALSE
-0,040	0,311	0,000	0,007	0,024	FALSE
0,021	0,307	0,001	0,006	0,041	FALSE
-0,013	0,297	-0,001	0,011	0,037	FALSE
0,049	0,310	0,001	0,008	0,040	FALSE
-0,097	0,289	-0,003	0,009	0,153	FALSE
-0,017	0,317	0,000	0,012	0,015	FALSE
-0,065	0,297	-0,003	0,012	0,083	FALSE
-0,051	0,311	-0,002	0,013	0,066	FALSE
0,145	0,311	0,003	0,006	0,176	FALSE
0,117	0,302	0,002	0,006	0,139	FALSE
-0,031	0,311	-0,001	0,009	0,046	FALSE
0,004	0,306	0,001	0,009	0,021	FALSE
-0,037	0,297	-0,001	0,010	0,046	FALSE
0,002	0,305	0,000	0,008	0,014	FALSE
-0,013	0,303	-0,001	0,008	0,028	FALSE
-0,022	0,315	-0,001	0,010	0,021	FALSE
0,002	0,299	0,001	0,007	0,028	FALSE
-0,034	0,303	-0,001	0,009	0,040	FALSE
0,054	0,315	0,002	0,012	0,074	FALSE
-0,086	0,302	-0,002	0,007	0,140	FALSE
0,057	0,322	0,002	0,012	0,054	FALSE
0,075	0,305	0,002	0,012	0,077	FALSE
0,088	0,312	0,003	0,012	0,090	FALSE
0,114	0,306	0,004	0,011	0,132	FALSE
0,127	0,290	0,003	0,007	0,173	FALSE
0,052	0,313	0,001	0,007	0,074	FALSE
0,041	0,307	0,002	0,008	0,070	FALSE
-0,053	0,294	-0,003	0,010	0,120	FALSE
0,048	0,304	0,001	0,008	0,048	FALSE
-0,046	0,315	-0,002	0,009	0,066	FALSE
0,095	0,301	0,004	0,013	0,117	FALSE
-0,020	0,314	-0,001	0,008	0,035	FALSE
0,052	0,307	0,002	0,010	0,059	FALSE
0,025	0,306	0,000	0,007	0,017	FALSE
0,035	0,317	0,001	0,013	0,023	FALSE
-0,077	0,298	-0,003	0,011	0,093	FALSE
0,014	0,294	0,000	0,011	0,002	FALSE
-0,006	0,302	0,000	0,008	0,005	FALSE
0,010	0,299	0,000	0,008	0,002	FALSE

-0,068	0,316	-0,002	0,009	0,089	FALSE
-0,070	0,306	-0,003	0,012	0,076	FALSE
-0,002	0,303	0,000	0,007	0,003	FALSE
-0,072	0,316	-0,003	0,010	0,098	FALSE
0,057	0,291	0,001	0,009	0,061	FALSE
-0,006	0,298	0,001	0,008	0,022	FALSE
0,024	0,317	0,001	0,010	0,029	FALSE
0,065	0,290	0,004	0,012	0,116	FALSE
-0,081	0,300	-0,002	0,008	0,089	FALSE
-0,092	0,295	-0,002	0,007	0,091	FALSE
-0,157	0,308	-0,004	0,008	0,212	FALSE
0,003	0,309	0,000	0,007	0,021	FALSE
-0,070	0,292	-0,002	0,008	0,081	FALSE
0,012	0,305	0,000	0,010	0,016	FALSE
0,121	0,309	0,003	0,008	0,173	FALSE
0,086	0,318	0,004	0,012	0,133	FALSE
0,002	0,313	0,000	0,007	0,010	FALSE
-0,087	0,326	-0,002	0,007	0,091	FALSE
-0,028	0,306	-0,001	0,012	0,022	FALSE
0,211	0,299	0,007	0,010	0,346	FALSE
-0,028	0,308	-0,001	0,007	0,027	FALSE
-0,015	0,302	-0,001	0,012	0,016	FALSE
0,014	0,293	0,001	0,010	0,031	FALSE
-0,034	0,310	-0,002	0,011	0,061	FALSE
0,021	0,306	0,000	0,010	0,013	FALSE
-0,029	0,321	-0,001	0,009	0,037	FALSE
-0,141	0,309	-0,005	0,013	0,163	FALSE
-0,158	0,312	-0,007	0,012	0,236	FALSE
-0,026	0,299	-0,001	0,006	0,051	FALSE
0,027	0,309	0,000	0,011	0,004	FALSE
-0,138	0,306	-0,003	0,007	0,176	FALSE
-0,034	0,304	-0,001	0,010	0,022	FALSE
-0,066	0,319	-0,002	0,010	0,088	FALSE
0,016	0,296	0,001	0,008	0,026	FALSE
-0,119	0,299	-0,002	0,007	0,127	FALSE
0,008	0,312	0,000	0,009	0,004	FALSE
0,013	0,318	0,000	0,009	0,013	FALSE
0,023	0,302	0,001	0,009	0,021	FALSE
0,052	0,317	0,001	0,010	0,054	FALSE
-0,104	0,310	-0,002	0,008	0,116	FALSE
0,164	0,287	0,005	0,009	0,234	FALSE
-0,034	0,310	-0,002	0,013	0,045	FALSE
-0,043	0,310	-0,001	0,008	0,046	FALSE
0,057	0,298	0,002	0,010	0,082	FALSE
0,032	0,306	0,001	0,012	0,019	FALSE
0,037	0,318	0,001	0,013	0,025	FALSE
0,095	0,318	0,003	0,013	0,094	FALSE
-0,192	0,315	-0,004	0,006	0,242	FALSE
0,082	0,308	0,003	0,009	0,110	FALSE
-0,085	0,310	-0,002	0,008	0,111	FALSE
0,057	0,303	0,002	0,007	0,098	FALSE
-0,059	0,303	-0,002	0,011	0,084	FALSE
-0,013	0,325	0,000	0,007	0,017	FALSE

0,052	0,291	0,001	0,009	0,053	FALSE
-0,007	0,297	0,000	0,011	0,012	FALSE
-0,042	0,303	-0,001	0,011	0,038	FALSE
0,038	0,306	0,001	0,007	0,042	FALSE
0,031	0,304	0,000	0,011	0,005	FALSE
-0,006	0,315	0,000	0,009	0,008	FALSE
0,015	0,295	0,001	0,010	0,018	FALSE
-0,058	0,307	-0,002	0,007	0,097	FALSE
0,025	0,302	0,001	0,009	0,043	FALSE
0,042	0,309	0,002	0,010	0,062	FALSE
-0,025	0,313	-0,001	0,008	0,036	FALSE
-0,063	0,300	-0,002	0,007	0,077	FALSE
0,008	0,294	0,000	0,008	0,010	FALSE
-0,039	0,318	-0,001	0,012	0,038	FALSE
0,054	0,306	0,002	0,009	0,089	FALSE
-0,047	0,303	-0,001	0,008	0,060	FALSE
0,016	0,308	0,001	0,011	0,016	FALSE
-0,127	0,304	-0,003	0,008	0,147	FALSE
0,111	0,301	0,004	0,009	0,184	FALSE
0,130	0,308	0,005	0,011	0,197	FALSE
0,124	0,305	0,004	0,010	0,161	FALSE
-0,018	0,327	0,000	0,008	0,011	FALSE
-0,084	0,318	-0,002	0,007	0,104	FALSE
-0,077	0,294	-0,002	0,008	0,113	FALSE
-0,135	0,298	-0,005	0,013	0,168	FALSE
0,090	0,298	0,003	0,008	0,120	FALSE
-0,062	0,293	-0,003	0,010	0,112	FALSE
-0,054	0,311	-0,002	0,008	0,074	FALSE
0,113	0,313	0,002	0,006	0,147	FALSE
-0,091	0,307	-0,001	0,006	0,087	FALSE
-0,119	0,279	-0,003	0,006	0,197	FALSE
0,053	0,295	0,002	0,008	0,081	FALSE
-0,119	0,287	-0,005	0,012	0,168	FALSE
0,105	0,303	0,002	0,008	0,120	FALSE
-0,048	0,311	-0,001	0,006	0,038	FALSE
-0,024	0,305	-0,001	0,007	0,027	FALSE
0,038	0,302	0,001	0,006	0,073	FALSE
0,022	0,294	0,000	0,009	0,009	FALSE
-0,043	0,302	-0,001	0,008	0,053	FALSE
0,036	0,313	0,001	0,007	0,047	FALSE
-0,060	0,306	-0,002	0,012	0,061	FALSE
-0,016	0,317	0,000	0,012	0,010	FALSE
0,033	0,316	0,001	0,007	0,043	FALSE
-0,061	0,319	-0,002	0,010	0,089	FALSE
-0,033	0,294	-0,001	0,012	0,034	FALSE
0,116	0,316	0,003	0,009	0,152	FALSE
0,183	0,294	0,006	0,009	0,272	FALSE
-0,064	0,298	-0,002	0,011	0,085	FALSE
-0,095	0,308	-0,003	0,011	0,123	FALSE
-0,072	0,311	-0,003	0,010	0,099	FALSE
0,145	0,300	0,004	0,009	0,205	FALSE
-0,005	0,310	-0,002	0,013	0,047	FALSE
0,029	0,293	0,001	0,008	0,053	FALSE

0,021	0,307	0,001	0,008	0,030	FALSE
0,093	0,301	0,003	0,010	0,126	FALSE
-0,113	0,312	-0,002	0,006	0,128	FALSE
0,034	0,307	0,001	0,007	0,050	FALSE
0,076	0,322	0,002	0,009	0,091	FALSE
-0,060	0,308	-0,003	0,013	0,105	FALSE
0,082	0,295	0,004	0,013	0,114	FALSE
0,007	0,298	0,001	0,007	0,043	FALSE
-0,101	0,320	-0,003	0,008	0,142	FALSE
-0,006	0,297	0,000	0,012	0,010	FALSE
0,092	0,306	0,003	0,010	0,116	FALSE
0,049	0,295	0,001	0,006	0,068	FALSE
0,039	0,311	0,001	0,011	0,027	FALSE
0,029	0,302	0,001	0,007	0,062	FALSE
-0,029	0,301	0,000	0,012	0,006	FALSE
0,099	0,292	0,005	0,011	0,170	FALSE
0,074	0,305	0,003	0,013	0,103	FALSE
-0,121	0,301	-0,004	0,009	0,162	FALSE
-0,052	0,311	-0,002	0,011	0,052	FALSE
0,044	0,313	0,002	0,011	0,071	FALSE
0,021	0,307	0,001	0,011	0,050	FALSE
-0,021	0,297	-0,001	0,013	0,030	FALSE
0,026	0,300	0,001	0,012	0,034	FALSE
-0,082	0,300	-0,002	0,008	0,086	FALSE
0,075	0,297	0,002	0,008	0,106	FALSE
0,054	0,311	0,001	0,009	0,044	FALSE
0,028	0,294	0,001	0,009	0,032	FALSE
-0,030	0,309	0,000	0,007	0,023	FALSE
-0,115	0,314	-0,003	0,007	0,165	FALSE
0,095	0,308	0,003	0,010	0,111	FALSE
-0,072	0,313	-0,003	0,013	0,100	FALSE
-0,048	0,310	-0,003	0,013	0,074	FALSE
-0,099	0,304	-0,002	0,007	0,123	FALSE
-0,052	0,311	-0,002	0,012	0,052	FALSE
-0,082	0,303	-0,002	0,008	0,109	FALSE
0,009	0,309	0,000	0,010	0,005	FALSE
-0,058	0,298	-0,001	0,006	0,054	FALSE
0,072	0,305	0,002	0,008	0,079	FALSE
-0,077	0,295	-0,003	0,010	0,108	FALSE
-0,113	0,298	-0,003	0,008	0,132	FALSE
0,018	0,319	0,001	0,007	0,040	FALSE
0,003	0,311	0,000	0,013	0,007	FALSE
0,064	0,292	0,002	0,011	0,088	FALSE
-0,059	0,308	-0,001	0,008	0,044	FALSE
0,199	0,294	0,005	0,008	0,274	FALSE
-0,037	0,306	0,000	0,007	0,015	FALSE
-0,095	0,315	-0,002	0,007	0,116	FALSE
0,103	0,303	0,002	0,007	0,116	FALSE
0,003	0,308	0,001	0,012	0,037	FALSE
0,173	0,302	0,004	0,007	0,224	FALSE
-0,135	0,300	-0,003	0,008	0,179	FALSE
-0,030	0,298	0,000	0,006	0,019	FALSE
-0,094	0,294	-0,003	0,010	0,118	FALSE

0,130	0,309	0,005	0,012	0,190	FALSE
0,050	0,304	0,001	0,007	0,034	FALSE
0,013	0,310	0,001	0,013	0,017	FALSE
0,082	0,310	0,002	0,007	0,121	FALSE
-0,086	0,305	-0,002	0,007	0,121	FALSE
-0,150	0,294	-0,004	0,008	0,216	FALSE
-0,111	0,304	-0,003	0,008	0,132	FALSE
0,096	0,304	0,002	0,006	0,113	FALSE
0,009	0,300	0,000	0,010	0,003	FALSE
-0,013	0,317	-0,001	0,007	0,030	FALSE
0,088	0,291	0,003	0,013	0,100	FALSE
-0,148	0,309	-0,004	0,010	0,186	FALSE
-0,125	0,305	-0,002	0,007	0,143	FALSE
0,019	0,317	0,000	0,012	0,011	FALSE
-0,036	0,316	-0,001	0,008	0,050	FALSE
-0,002	0,302	0,000	0,008	0,014	FALSE
-0,119	0,293	-0,003	0,008	0,160	FALSE
0,127	0,291	0,006	0,012	0,220	FALSE
0,022	0,302	0,000	0,007	0,001	FALSE
-0,091	0,309	-0,003	0,008	0,124	FALSE
0,024	0,294	0,000	0,010	0,008	FALSE
-0,074	0,299	-0,002	0,007	0,092	FALSE
-0,078	0,298	-0,002	0,007	0,092	FALSE
-0,011	0,299	0,000	0,010	0,008	FALSE
-0,002	0,304	0,000	0,007	0,009	FALSE
-0,060	0,314	-0,001	0,007	0,061	FALSE
-0,077	0,289	-0,002	0,007	0,093	FALSE
0,133	0,310	0,003	0,008	0,167	FALSE
0,006	0,300	0,000	0,012	0,005	FALSE
-0,047	0,303	-0,001	0,009	0,049	FALSE
-0,003	0,308	0,000	0,012	0,011	FALSE
0,054	0,311	0,001	0,007	0,063	FALSE
0,062	0,309	0,002	0,007	0,095	FALSE
0,039	0,300	0,001	0,007	0,045	FALSE
0,039	0,301	0,001	0,013	0,025	FALSE
0,038	0,318	0,001	0,008	0,044	FALSE
0,031	0,308	0,001	0,008	0,043	FALSE
-0,051	0,319	-0,001	0,011	0,047	FALSE
-0,032	0,304	-0,001	0,010	0,034	FALSE
0,000	0,306	0,001	0,011	0,018	FALSE
-0,013	0,316	0,000	0,010	0,011	FALSE
0,064	0,295	0,003	0,013	0,102	FALSE
0,006	0,294	-0,001	0,013	0,029	FALSE
0,122	0,310	0,003	0,008	0,130	FALSE
-0,047	0,315	-0,001	0,010	0,050	FALSE
-0,045	0,308	-0,002	0,011	0,084	FALSE
0,051	0,319	0,001	0,007	0,053	FALSE
0,016	0,305	0,001	0,012	0,016	FALSE
0,051	0,311	0,002	0,012	0,080	FALSE
0,153	0,310	0,004	0,008	0,225	FALSE
0,029	0,275	0,000	0,012	0,004	FALSE
0,050	0,303	0,002	0,011	0,075	FALSE
0,044	0,303	0,002	0,011	0,054	FALSE

0,100	0,300	0,004	0,012	0,156	FALSE
-0,183	0,307	-0,006	0,010	0,265	FALSE
0,044	0,311	0,001	0,010	0,042	FALSE
0,049	0,298	0,003	0,012	0,089	FALSE
-0,073	0,308	-0,003	0,011	0,092	FALSE
0,018	0,314	0,001	0,006	0,038	FALSE
0,024	0,312	0,001	0,009	0,022	FALSE
0,094	0,312	0,003	0,012	0,111	FALSE
0,035	0,320	0,001	0,007	0,062	FALSE
0,011	0,298	0,000	0,006	0,009	FALSE
-0,083	0,301	-0,003	0,009	0,115	FALSE
-0,044	0,313	-0,001	0,008	0,049	FALSE
-0,010	0,317	0,000	0,007	0,018	FALSE
-0,015	0,311	0,000	0,010	0,008	FALSE
-0,025	0,316	-0,001	0,008	0,027	FALSE
0,153	0,294	0,005	0,010	0,200	FALSE
0,062	0,295	0,002	0,008	0,093	FALSE
0,122	0,304	0,005	0,012	0,172	FALSE
0,039	0,321	0,001	0,010	0,053	FALSE
0,073	0,307	0,002	0,006	0,094	FALSE
-0,016	0,310	0,000	0,013	0,003	FALSE
-0,046	0,303	-0,002	0,010	0,065	FALSE
-0,055	0,302	-0,002	0,013	0,060	FALSE
-0,077	0,297	-0,002	0,007	0,107	FALSE
0,036	0,299	0,000	0,007	0,023	FALSE
0,103	0,313	0,002	0,007	0,112	FALSE
0,061	0,317	0,001	0,007	0,053	FALSE
0,061	0,300	0,001	0,007	0,058	FALSE
-0,123	0,295	-0,004	0,010	0,155	FALSE
0,053	0,311	0,001	0,007	0,071	FALSE
-0,059	0,308	-0,002	0,010	0,059	FALSE
-0,050	0,297	-0,001	0,007	0,041	FALSE
0,005	0,315	0,001	0,012	0,018	FALSE
0,009	0,305	0,001	0,011	0,023	FALSE
0,034	0,295	0,002	0,012	0,062	FALSE
-0,087	0,311	-0,004	0,013	0,113	FALSE
-0,003	0,298	0,000	0,007	0,017	FALSE
-0,045	0,307	-0,001	0,009	0,050	FALSE
-0,014	0,318	-0,001	0,011	0,038	FALSE
-0,079	0,310	-0,004	0,013	0,109	FALSE
-0,042	0,306	-0,003	0,012	0,080	FALSE
-0,027	0,306	-0,001	0,009	0,041	FALSE
-0,093	0,301	-0,002	0,007	0,136	FALSE
-0,068	0,307	-0,002	0,008	0,098	FALSE
-0,113	0,298	-0,004	0,009	0,155	FALSE
0,085	0,302	0,003	0,010	0,103	FALSE
0,005	0,294	0,000	0,007	0,017	FALSE
0,027	0,297	0,001	0,007	0,049	FALSE
0,106	0,306	0,004	0,012	0,144	FALSE
0,003	0,303	0,000	0,012	0,001	FALSE
0,011	0,314	0,001	0,012	0,017	FALSE
0,042	0,306	0,002	0,010	0,079	FALSE
-0,072	0,316	-0,003	0,013	0,090	FALSE

-0,031	0,304	-0,002	0,012	0,051	FALSE
-0,005	0,304	0,000	0,009	0,001	FALSE
-0,047	0,307	-0,001	0,009	0,040	FALSE
-0,049	0,294	-0,001	0,006	0,071	FALSE
-0,015	0,305	-0,001	0,012	0,032	FALSE
-0,031	0,303	-0,002	0,013	0,047	FALSE
-0,037	0,303	-0,001	0,007	0,049	FALSE
0,103	0,313	0,002	0,007	0,118	FALSE
-0,115	0,308	-0,004	0,012	0,136	FALSE
0,089	0,314	0,003	0,010	0,107	FALSE
0,053	0,311	0,002	0,012	0,073	FALSE
0,009	0,308	0,000	0,008	0,018	FALSE
-0,044	0,287	-0,001	0,006	0,033	FALSE
-0,031	0,302	-0,001	0,006	0,037	FALSE
-0,003	0,313	0,000	0,013	0,000	FALSE
0,086	0,314	0,002	0,009	0,079	FALSE
0,020	0,314	0,001	0,010	0,031	FALSE
0,041	0,302	0,001	0,008	0,037	FALSE
0,062	0,304	0,001	0,008	0,069	FALSE
0,002	0,295	0,000	0,006	0,001	FALSE
0,024	0,311	0,001	0,011	0,039	FALSE
0,033	0,288	0,001	0,012	0,023	FALSE
-0,148	0,293	-0,006	0,012	0,217	FALSE
-0,030	0,297	-0,001	0,006	0,078	FALSE
-0,112	0,300	-0,003	0,008	0,162	FALSE
-0,084	0,304	-0,002	0,009	0,110	FALSE
0,014	0,298	0,000	0,010	0,017	FALSE
0,068	0,321	0,002	0,010	0,086	FALSE
0,034	0,308	0,001	0,012	0,032	FALSE
-0,118	0,288	-0,003	0,007	0,167	FALSE
0,204	0,298	0,007	0,010	0,335	FALSE
-0,130	0,303	-0,004	0,011	0,137	FALSE
-0,050	0,298	-0,003	0,013	0,086	FALSE
-0,017	0,313	0,000	0,008	0,013	FALSE
0,080	0,295	0,002	0,007	0,102	FALSE
-0,039	0,316	-0,001	0,008	0,066	FALSE
-0,093	0,321	-0,003	0,009	0,141	FALSE
-0,051	0,319	-0,002	0,009	0,078	FALSE
-0,017	0,286	-0,001	0,010	0,039	FALSE
-0,058	0,314	-0,001	0,007	0,061	FALSE
0,107	0,314	0,003	0,009	0,119	FALSE
0,088	0,314	0,002	0,009	0,093	FALSE
0,086	0,300	0,003	0,012	0,109	FALSE
0,047	0,290	0,000	0,006	0,023	FALSE
0,061	0,289	0,001	0,006	0,050	FALSE
-0,139	0,305	-0,006	0,011	0,217	FALSE
0,125	0,292	0,003	0,007	0,193	FALSE
0,007	0,292	0,001	0,012	0,018	FALSE
-0,002	0,303	-0,001	0,009	0,023	FALSE
0,029	0,300	0,000	0,007	0,023	FALSE
0,069	0,304	0,002	0,012	0,076	FALSE
-0,137	0,320	-0,005	0,011	0,180	FALSE
-0,117	0,317	-0,004	0,011	0,155	FALSE

-0,158	0,306	-0,006	0,010	0,237	FALSE
-0,010	0,317	0,000	0,012	0,002	FALSE
0,093	0,294	0,003	0,012	0,096	FALSE
-0,072	0,307	-0,002	0,010	0,075	FALSE
-0,160	0,329	-0,003	0,007	0,200	FALSE
-0,035	0,312	-0,001	0,008	0,038	FALSE
0,106	0,319	0,004	0,013	0,128	FALSE
-0,086	0,309	-0,003	0,011	0,101	FALSE
-0,001	0,299	0,000	0,007	0,008	FALSE
-0,074	0,313	-0,001	0,007	0,077	FALSE
0,078	0,308	0,003	0,013	0,088	FALSE
0,064	0,296	0,002	0,008	0,104	FALSE
0,085	0,308	0,003	0,009	0,116	FALSE
0,157	0,307	0,004	0,008	0,190	FALSE
-0,001	0,309	0,000	0,011	0,007	FALSE
0,073	0,317	0,002	0,007	0,094	FALSE
0,065	0,300	0,001	0,007	0,066	FALSE
-0,201	0,308	-0,007	0,011	0,286	FALSE
0,050	0,307	0,002	0,008	0,091	FALSE
-0,012	0,305	0,001	0,012	0,021	FALSE
0,083	0,304	0,004	0,010	0,153	FALSE
0,009	0,302	0,000	0,007	0,024	FALSE
-0,062	0,300	-0,002	0,009	0,071	FALSE
0,036	0,316	0,002	0,012	0,066	FALSE
-0,137	0,317	-0,003	0,007	0,192	TRUE
-0,064	0,314	-0,002	0,011	0,071	FALSE
-0,049	0,297	-0,001	0,007	0,041	FALSE
-0,111	0,307	-0,005	0,012	0,165	FALSE
0,029	0,304	0,001	0,013	0,037	FALSE
-0,039	0,309	0,000	0,010	0,017	FALSE
-0,238	0,288	-0,005	0,006	0,405	FALSE
-0,279	0,291	-0,013	0,013	0,491	FALSE
-0,006	0,319	0,000	0,013	0,001	FALSE
0,069	0,313	0,002	0,012	0,050	FALSE
0,008	0,315	-0,001	0,013	0,026	FALSE
0,035	0,312	0,001	0,009	0,051	FALSE
0,090	0,325	0,002	0,008	0,103	FALSE
-0,048	0,311	-0,002	0,013	0,063	FALSE
0,010	0,312	0,000	0,009	0,010	FALSE
0,117	0,302	0,003	0,009	0,157	FALSE
0,038	0,295	0,002	0,009	0,084	FALSE
-0,061	0,315	-0,001	0,010	0,048	FALSE
0,032	0,322	0,001	0,006	0,065	FALSE
-0,024	0,320	-0,001	0,011	0,026	FALSE
-0,005	0,310	0,000	0,008	0,018	FALSE
0,097	0,303	0,003	0,008	0,165	FALSE
0,002	0,301	-0,001	0,013	0,020	FALSE
-0,024	0,298	-0,002	0,012	0,062	FALSE
-0,046	0,308	-0,002	0,010	0,062	FALSE
0,058	0,313	0,002	0,008	0,082	FALSE
-0,086	0,296	-0,003	0,010	0,098	FALSE
0,045	0,306	0,002	0,010	0,090	FALSE
0,112	0,305	0,005	0,013	0,140	FALSE

-0,078	0,306	-0,002	0,008	0,102	FALSE
0,080	0,306	0,002	0,006	0,097	FALSE
0,120	0,307	0,005	0,011	0,173	FALSE
0,092	0,296	0,003	0,009	0,138	FALSE
0,094	0,302	0,002	0,007	0,129	FALSE
0,028	0,311	0,001	0,009	0,025	FALSE
-0,033	0,307	-0,001	0,008	0,044	FALSE
0,116	0,306	0,004	0,008	0,187	FALSE
0,072	0,308	0,002	0,007	0,102	FALSE
0,111	0,302	0,004	0,010	0,177	FALSE
-0,148	0,299	-0,005	0,009	0,216	FALSE
0,015	0,321	0,000	0,012	0,003	FALSE
-0,134	0,296	-0,003	0,008	0,178	FALSE
-0,056	0,290	-0,001	0,008	0,065	FALSE
-0,119	0,300	-0,004	0,009	0,166	FALSE
-0,113	0,298	-0,004	0,009	0,158	FALSE
-0,103	0,300	-0,003	0,009	0,127	FALSE
-0,064	0,318	-0,002	0,012	0,071	FALSE
-0,022	0,301	0,000	0,007	0,016	FALSE
-0,107	0,289	-0,002	0,006	0,135	FALSE
0,116	0,289	0,002	0,007	0,136	FALSE
0,076	0,310	0,002	0,013	0,066	FALSE
0,011	0,298	0,001	0,008	0,027	FALSE
0,095	0,311	0,004	0,011	0,137	FALSE
0,095	0,297	0,002	0,007	0,122	FALSE
-0,090	0,301	-0,002	0,008	0,117	FALSE
0,041	0,308	0,002	0,010	0,075	FALSE
-0,068	0,297	-0,001	0,008	0,067	FALSE
0,096	0,281	0,004	0,011	0,141	FALSE
0,035	0,319	0,001	0,007	0,047	FALSE
-0,025	0,296	-0,001	0,011	0,022	FALSE
0,114	0,321	0,005	0,013	0,154	FALSE
0,018	0,295	0,001	0,009	0,059	FALSE
0,057	0,294	0,002	0,011	0,075	FALSE
0,046	0,307	0,002	0,010	0,073	FALSE
-0,033	0,315	-0,001	0,009	0,044	FALSE
-0,022	0,323	0,000	0,013	0,005	FALSE
-0,016	0,308	0,000	0,010	0,005	FALSE
0,098	0,301	0,004	0,012	0,137	FALSE
-0,055	0,304	-0,001	0,007	0,049	FALSE
0,054	0,315	0,002	0,012	0,056	FALSE
-0,016	0,306	-0,001	0,011	0,024	FALSE
0,194	0,301	0,005	0,008	0,266	FALSE
-0,035	0,316	-0,001	0,011	0,050	FALSE
-0,026	0,302	-0,001	0,012	0,044	FALSE
-0,058	0,321	-0,002	0,012	0,070	FALSE
0,143	0,312	0,005	0,012	0,188	FALSE
-0,015	0,305	-0,001	0,011	0,021	FALSE
0,084	0,312	0,002	0,006	0,103	FALSE
-0,030	0,305	-0,001	0,008	0,026	FALSE
-0,036	0,305	0,000	0,007	0,025	FALSE
-0,057	0,315	-0,001	0,007	0,058	FALSE
-0,067	0,306	-0,001	0,007	0,075	FALSE

0,036	0,319	0,001	0,009	0,035	FALSE
-0,052	0,320	-0,002	0,010	0,078	FALSE
-0,056	0,305	-0,003	0,013	0,084	FALSE
0,079	0,297	0,003	0,009	0,119	FALSE
0,092	0,308	0,004	0,013	0,142	FALSE
0,088	0,299	0,004	0,010	0,145	FALSE
0,047	0,294	0,001	0,009	0,034	FALSE
-0,024	0,305	0,000	0,009	0,006	FALSE
-0,124	0,287	-0,005	0,011	0,175	FALSE
0,057	0,297	0,003	0,011	0,089	FALSE
0,015	0,324	0,001	0,007	0,027	FALSE
-0,025	0,312	-0,001	0,009	0,042	FALSE
0,058	0,300	0,002	0,013	0,046	FALSE
0,047	0,318	0,001	0,007	0,071	FALSE
-0,075	0,302	-0,003	0,010	0,110	FALSE
-0,132	0,312	-0,003	0,006	0,169	FALSE
0,088	0,309	0,002	0,006	0,132	FALSE
-0,073	0,317	-0,003	0,012	0,111	FALSE
-0,171	0,298	-0,004	0,007	0,242	FALSE
0,014	0,306	0,001	0,013	0,032	FALSE
-0,040	0,301	0,000	0,010	0,006	FALSE
-0,006	0,294	-0,001	0,011	0,024	FALSE
-0,096	0,309	-0,003	0,009	0,119	FALSE
0,002	0,299	0,000	0,010	0,008	FALSE
0,023	0,312	0,002	0,012	0,053	FALSE
-0,191	0,316	-0,004	0,007	0,247	FALSE
-0,105	0,320	-0,005	0,013	0,141	FALSE
-0,004	0,307	0,000	0,012	0,013	FALSE
-0,094	0,307	-0,004	0,012	0,127	FALSE
0,030	0,314	0,001	0,009	0,055	FALSE
-0,226	0,295	-0,006	0,008	0,350	FALSE
0,024	0,298	0,001	0,007	0,038	FALSE
0,047	0,311	0,002	0,008	0,077	FALSE
-0,081	0,312	-0,002	0,010	0,082	FALSE
0,131	0,300	0,003	0,007	0,182	FALSE
0,050	0,305	0,002	0,012	0,068	FALSE
0,012	0,313	0,000	0,009	0,006	FALSE
0,011	0,308	0,000	0,009	0,001	FALSE
0,015	0,308	0,000	0,009	0,006	FALSE
-0,053	0,320	-0,002	0,013	0,064	FALSE
0,062	0,310	0,003	0,012	0,092	FALSE
-0,121	0,309	-0,002	0,006	0,147	FALSE
0,051	0,301	0,002	0,010	0,069	FALSE
0,021	0,296	0,001	0,007	0,024	FALSE
-0,060	0,310	-0,001	0,007	0,045	FALSE
-0,053	0,320	-0,002	0,011	0,075	FALSE
-0,113	0,307	-0,005	0,011	0,170	FALSE
0,151	0,300	0,007	0,012	0,225	FALSE
-0,074	0,305	-0,003	0,012	0,083	FALSE
0,082	0,301	0,002	0,007	0,128	FALSE
-0,036	0,313	0,000	0,007	0,022	FALSE
0,016	0,293	-0,001	0,013	0,019	FALSE
0,047	0,301	0,001	0,012	0,046	FALSE

0,087	0,306	0,003	0,009	0,119	FALSE
-0,146	0,303	-0,006	0,013	0,204	FALSE
-0,014	0,311	-0,001	0,011	0,039	FALSE
-0,140	0,304	-0,003	0,007	0,204	FALSE
0,101	0,310	0,003	0,010	0,110	FALSE
0,015	0,295	0,001	0,012	0,016	FALSE
0,090	0,298	0,002	0,006	0,126	FALSE
-0,169	0,300	-0,004	0,007	0,248	FALSE
0,122	0,298	0,003	0,007	0,156	FALSE
-0,083	0,311	-0,002	0,007	0,087	FALSE
0,044	0,303	0,002	0,011	0,065	FALSE
-0,029	0,300	-0,002	0,010	0,067	FALSE
-0,063	0,318	-0,002	0,007	0,090	FALSE
-0,138	0,293	-0,003	0,008	0,153	FALSE
-0,169	0,308	-0,004	0,006	0,239	FALSE
0,082	0,311	0,002	0,008	0,076	FALSE
-0,043	0,296	-0,001	0,011	0,035	FALSE
0,017	0,306	0,000	0,009	0,015	FALSE
-0,028	0,304	0,000	0,008	0,020	FALSE
-0,053	0,318	-0,001	0,007	0,061	FALSE
0,091	0,299	0,003	0,008	0,163	FALSE
0,010	0,314	0,000	0,006	0,006	FALSE
-0,025	0,316	-0,001	0,009	0,032	FALSE
-0,054	0,306	-0,002	0,012	0,067	FALSE
-0,142	0,300	-0,006	0,012	0,220	FALSE
-0,072	0,308	-0,003	0,012	0,091	FALSE
0,217	0,295	0,008	0,010	0,375	FALSE
-0,075	0,296	-0,003	0,011	0,094	FALSE
-0,086	0,311	-0,003	0,011	0,111	FALSE
-0,005	0,310	0,000	0,007	0,004	FALSE
-0,153	0,302	-0,006	0,011	0,245	FALSE
-0,133	0,317	-0,005	0,013	0,169	FALSE
-0,219	0,293	-0,010	0,013	0,344	FALSE
-0,139	0,298	-0,007	0,013	0,230	FALSE
-0,099	0,298	-0,005	0,013	0,165	FALSE
0,017	0,318	0,001	0,011	0,018	FALSE
0,063	0,317	0,002	0,007	0,085	FALSE
-0,176	0,290	-0,009	0,013	0,318	FALSE
0,175	0,292	0,005	0,009	0,265	FALSE
-0,170	0,295	-0,009	0,013	0,290	FALSE
0,024	0,309	0,001	0,006	0,040	FALSE
0,082	0,305	0,003	0,011	0,102	FALSE
0,122	0,304	0,004	0,012	0,135	FALSE
0,097	0,308	0,003	0,007	0,152	FALSE
-0,047	0,306	-0,002	0,011	0,072	FALSE
0,066	0,314	0,003	0,012	0,092	FALSE
0,034	0,292	0,002	0,010	0,062	FALSE
-0,090	0,301	-0,002	0,008	0,113	FALSE
-0,091	0,307	-0,003	0,009	0,126	FALSE
0,058	0,315	0,002	0,009	0,064	FALSE
0,033	0,312	0,001	0,010	0,038	FALSE
0,027	0,321	0,001	0,009	0,022	FALSE
-0,067	0,294	-0,001	0,007	0,078	FALSE

0,071	0,304	0,003	0,012	0,094	FALSE
0,012	0,307	0,000	0,009	0,009	FALSE
0,153	0,298	0,005	0,011	0,196	FALSE
0,022	0,318	0,000	0,011	0,010	FALSE
-0,057	0,299	-0,002	0,011	0,060	FALSE
0,041	0,305	0,002	0,012	0,053	FALSE
0,070	0,307	0,002	0,010	0,063	FALSE
-0,129	0,314	-0,003	0,006	0,168	FALSE
0,065	0,299	0,003	0,012	0,091	FALSE
0,024	0,311	0,001	0,012	0,015	FALSE
0,039	0,321	0,002	0,010	0,061	FALSE
0,136	0,311	0,003	0,007	0,178	FALSE
0,050	0,305	0,002	0,009	0,062	FALSE
0,177	0,309	0,007	0,012	0,260	FALSE
0,056	0,310	0,002	0,011	0,066	FALSE
0,026	0,306	0,000	0,008	0,013	FALSE
-0,020	0,306	-0,001	0,008	0,049	FALSE
0,045	0,308	0,001	0,008	0,068	FALSE
0,047	0,312	0,002	0,010	0,063	FALSE
0,030	0,306	0,001	0,008	0,031	FALSE
0,005	0,302	0,000	0,006	0,006	FALSE
-0,025	0,309	0,000	0,008	0,009	FALSE
0,054	0,320	0,002	0,010	0,070	FALSE
-0,107	0,295	-0,003	0,010	0,110	FALSE
-0,041	0,312	-0,001	0,012	0,035	FALSE
0,091	0,301	0,002	0,010	0,070	FALSE
-0,045	0,321	-0,001	0,009	0,028	FALSE
0,020	0,310	0,001	0,009	0,046	FALSE
-0,066	0,297	-0,002	0,008	0,105	FALSE
-0,066	0,308	-0,002	0,008	0,113	FALSE
-0,222	0,311	-0,008	0,011	0,327	FALSE
0,107	0,316	0,002	0,007	0,132	FALSE
-0,033	0,313	-0,002	0,009	0,079	FALSE
-0,029	0,316	-0,001	0,007	0,048	FALSE
-0,028	0,314	-0,001	0,008	0,040	FALSE
-0,035	0,312	-0,001	0,007	0,061	FALSE
-0,086	0,298	-0,002	0,008	0,098	FALSE
0,067	0,316	0,001	0,007	0,070	FALSE
-0,147	0,301	-0,005	0,008	0,247	FALSE
0,087	0,297	0,002	0,006	0,127	FALSE
-0,021	0,317	0,000	0,008	0,009	FALSE
-0,016	0,310	0,000	0,008	0,003	FALSE
-0,030	0,304	-0,001	0,012	0,034	FALSE
0,007	0,304	0,000	0,007	0,014	FALSE
-0,026	0,304	-0,001	0,007	0,036	FALSE
-0,030	0,309	-0,001	0,007	0,042	FALSE
0,032	0,302	0,001	0,007	0,049	FALSE
-0,085	0,298	-0,002	0,007	0,121	FALSE
-0,162	0,290	-0,006	0,010	0,225	FALSE
-0,155	0,309	-0,005	0,011	0,207	FALSE
0,066	0,312	0,002	0,008	0,089	FALSE
0,083	0,303	0,002	0,008	0,109	FALSE
-0,007	0,322	0,000	0,007	0,012	FALSE

-0,047	0,314	-0,002	0,008	0,083	FALSE
-0,122	0,316	-0,003	0,007	0,157	FALSE
-0,064	0,301	-0,001	0,012	0,043	FALSE
-0,055	0,305	-0,002	0,013	0,047	FALSE
0,039	0,325	0,000	0,009	0,016	FALSE
-0,073	0,314	-0,002	0,008	0,078	FALSE
0,011	0,304	0,000	0,007	0,018	FALSE
-0,042	0,310	-0,001	0,011	0,047	FALSE
0,058	0,313	0,002	0,009	0,073	FALSE
-0,068	0,310	-0,004	0,013	0,111	FALSE
0,109	0,319	0,004	0,011	0,161	FALSE
-0,024	0,305	-0,001	0,010	0,042	FALSE
0,024	0,306	0,001	0,012	0,019	FALSE
-0,091	0,302	-0,002	0,007	0,133	FALSE
0,131	0,311	0,005	0,010	0,198	FALSE
0,072	0,313	0,001	0,008	0,063	FALSE
-0,067	0,304	-0,001	0,006	0,064	FALSE
0,071	0,316	0,002	0,007	0,102	FALSE
0,011	0,302	0,000	0,007	0,024	FALSE
0,016	0,307	0,001	0,012	0,018	FALSE
-0,030	0,310	-0,001	0,010	0,030	FALSE
0,093	0,308	0,002	0,007	0,131	FALSE
0,042	0,302	0,001	0,008	0,058	FALSE
0,038	0,307	0,002	0,012	0,060	FALSE
-0,012	0,315	0,000	0,007	0,014	FALSE
0,098	0,301	0,002	0,006	0,107	FALSE
-0,045	0,308	-0,002	0,011	0,058	FALSE
0,025	0,310	0,000	0,006	0,024	FALSE
0,069	0,303	0,003	0,011	0,097	FALSE
0,088	0,306	0,003	0,009	0,127	FALSE
-0,248	0,291	-0,011	0,012	0,438	FALSE
0,021	0,293	0,000	0,009	0,014	FALSE
0,044	0,302	0,001	0,009	0,046	FALSE
-0,182	0,294	-0,004	0,006	0,279	FALSE
-0,126	0,303	-0,003	0,007	0,165	FALSE
-0,149	0,270	-0,004	0,007	0,203	FALSE
-0,109	0,309	-0,002	0,006	0,142	FALSE
0,105	0,314	0,004	0,012	0,139	FALSE
-0,044	0,297	-0,001	0,007	0,043	FALSE
-0,090	0,309	-0,003	0,010	0,108	FALSE
-0,049	0,303	-0,002	0,008	0,077	FALSE
-0,073	0,304	-0,003	0,013	0,099	FALSE
-0,063	0,309	-0,002	0,008	0,094	FALSE
-0,084	0,312	-0,001	0,007	0,084	FALSE
-0,040	0,308	-0,001	0,010	0,054	FALSE
-0,004	0,302	0,000	0,006	0,005	FALSE
0,007	0,312	0,000	0,007	0,010	FALSE
-0,102	0,303	-0,002	0,008	0,087	FALSE
0,006	0,323	0,000	0,012	0,011	FALSE
0,102	0,308	0,003	0,007	0,154	FALSE
0,003	0,321	0,000	0,009	0,006	FALSE
0,179	0,297	0,007	0,011	0,266	FALSE
-0,031	0,322	-0,001	0,012	0,047	FALSE

0,012	0,316	0,000	0,010	0,003	FALSE
0,006	0,324	0,000	0,011	0,014	FALSE
-0,017	0,300	0,000	0,008	0,001	FALSE
-0,110	0,311	-0,003	0,010	0,140	FALSE
-0,075	0,308	-0,001	0,007	0,084	FALSE
0,089	0,300	0,003	0,011	0,122	FALSE
-0,047	0,309	-0,002	0,012	0,065	FALSE
0,004	0,306	0,000	0,009	0,011	FALSE
-0,064	0,294	-0,001	0,006	0,060	FALSE
0,014	0,313	0,001	0,009	0,039	FALSE
-0,004	0,301	0,001	0,013	0,027	FALSE
0,008	0,307	0,000	0,008	0,010	FALSE
0,156	0,310	0,003	0,007	0,195	FALSE
-0,074	0,302	-0,003	0,011	0,096	FALSE
0,003	0,303	0,000	0,008	0,001	FALSE
0,021	0,307	0,001	0,008	0,028	FALSE
0,011	0,313	0,001	0,011	0,038	FALSE
-0,044	0,318	-0,001	0,010	0,047	FALSE
-0,038	0,315	-0,001	0,011	0,048	FALSE
0,018	0,299	0,000	0,006	0,027	FALSE
0,035	0,299	0,001	0,012	0,035	FALSE
-0,078	0,305	-0,002	0,008	0,097	FALSE
-0,048	0,297	-0,002	0,009	0,068	FALSE
0,008	0,308	0,000	0,011	0,008	FALSE
0,002	0,308	0,000	0,006	0,003	FALSE
0,003	0,315	0,000	0,013	0,012	FALSE
-0,033	0,308	-0,002	0,013	0,043	FALSE
0,086	0,312	0,003	0,010	0,138	FALSE
0,019	0,310	0,001	0,012	0,015	FALSE
0,036	0,304	0,001	0,007	0,033	FALSE
-0,089	0,310	-0,003	0,010	0,105	FALSE
0,001	0,304	0,000	0,013	0,009	FALSE
-0,021	0,318	0,000	0,013	0,002	FALSE
0,072	0,298	0,003	0,012	0,105	FALSE
-0,060	0,324	-0,003	0,013	0,102	FALSE
-0,025	0,314	-0,001	0,013	0,026	FALSE
0,025	0,307	0,001	0,012	0,022	FALSE
0,026	0,296	0,001	0,013	0,034	FALSE
-0,126	0,302	-0,003	0,008	0,169	FALSE
-0,032	0,298	-0,002	0,012	0,049	FALSE
0,129	0,307	0,006	0,013	0,182	FALSE
-0,139	0,309	-0,005	0,012	0,156	FALSE
-0,028	0,295	-0,002	0,011	0,055	FALSE
-0,015	0,303	-0,001	0,011	0,017	FALSE
0,051	0,299	0,001	0,007	0,074	FALSE
-0,083	0,301	-0,003	0,010	0,119	FALSE
0,087	0,310	0,002	0,008	0,114	FALSE
0,004	0,310	0,000	0,009	0,008	FALSE
-0,128	0,317	-0,003	0,007	0,160	FALSE
0,051	0,308	0,002	0,008	0,088	FALSE
-0,088	0,299	-0,004	0,011	0,132	FALSE
0,071	0,313	0,002	0,007	0,112	FALSE
0,072	0,314	0,003	0,013	0,105	FALSE

0,011	0,309	0,000	0,011	0,012	FALSE
0,079	0,314	0,003	0,012	0,089	FALSE
-0,044	0,311	-0,002	0,011	0,054	FALSE
-0,013	0,317	-0,001	0,011	0,018	FALSE
0,003	0,296	0,000	0,010	0,004	FALSE
-0,027	0,311	-0,001	0,010	0,036	FALSE
-0,020	0,321	-0,001	0,013	0,027	FALSE
0,051	0,316	0,002	0,009	0,067	FALSE
-0,006	0,300	-0,001	0,012	0,032	FALSE
0,054	0,312	0,002	0,012	0,069	FALSE
-0,143	0,309	-0,006	0,013	0,198	FALSE
-0,163	0,289	-0,007	0,012	0,237	FALSE
-0,159	0,290	-0,006	0,012	0,219	FALSE
-0,122	0,309	-0,005	0,013	0,151	FALSE
-0,009	0,290	-0,001	0,010	0,024	FALSE
0,098	0,306	0,002	0,008	0,112	FALSE
-0,051	0,308	-0,001	0,009	0,043	FALSE
-0,048	0,301	-0,001	0,008	0,066	FALSE
0,057	0,317	0,001	0,011	0,047	FALSE
0,026	0,314	0,001	0,009	0,024	FALSE
-0,016	0,308	0,000	0,007	0,017	FALSE
0,038	0,309	0,002	0,010	0,059	FALSE
-0,006	0,307	0,000	0,008	0,018	FALSE
0,067	0,311	0,002	0,007	0,111	FALSE
0,007	0,302	0,000	0,008	0,001	FALSE
0,000	0,301	0,000	0,008	0,007	FALSE
0,014	0,301	0,000	0,011	0,002	FALSE
-0,020	0,305	0,000	0,010	0,017	FALSE
-0,198	0,298	-0,005	0,008	0,301	FALSE
0,097	0,313	0,002	0,007	0,119	FALSE
-0,055	0,303	-0,002	0,012	0,053	FALSE
0,100	0,307	0,002	0,007	0,113	FALSE
0,086	0,313	0,002	0,009	0,087	FALSE
-0,005	0,300	0,000	0,012	0,002	FALSE
0,042	0,297	0,001	0,009	0,031	FALSE
-0,054	0,311	-0,001	0,007	0,039	FALSE
-0,053	0,315	-0,002	0,012	0,075	FALSE
-0,027	0,316	-0,001	0,008	0,037	FALSE
-0,057	0,314	-0,003	0,013	0,073	FALSE
-0,053	0,309	-0,003	0,013	0,080	FALSE
-0,140	0,291	-0,005	0,010	0,186	FALSE
0,108	0,304	0,003	0,008	0,142	FALSE
0,179	0,303	0,006	0,010	0,280	FALSE
0,064	0,310	0,002	0,008	0,079	FALSE
0,144	0,307	0,005	0,011	0,197	FALSE
0,020	0,298	0,001	0,012	0,028	FALSE
0,014	0,303	0,000	0,006	0,005	FALSE
0,028	0,289	0,001	0,012	0,039	FALSE
-0,013	0,310	-0,001	0,013	0,019	FALSE
0,150	0,300	0,004	0,008	0,184	FALSE
0,058	0,314	0,001	0,007	0,062	FALSE
0,025	0,305	0,001	0,012	0,040	FALSE
-0,025	0,295	-0,001	0,013	0,040	FALSE

-0,080	0,297	-0,002	0,007	0,124	FALSE
-0,078	0,292	-0,002	0,008	0,114	FALSE
-0,108	0,298	-0,004	0,010	0,168	FALSE
-0,120	0,305	-0,004	0,009	0,179	FALSE
-0,072	0,309	-0,002	0,011	0,078	FALSE
-0,020	0,306	0,000	0,007	0,020	FALSE
0,133	0,301	0,005	0,009	0,206	FALSE
0,152	0,285	0,007	0,011	0,260	FALSE
-0,126	0,301	-0,004	0,010	0,182	FALSE
0,098	0,309	0,002	0,007	0,120	FALSE
-0,058	0,317	-0,002	0,013	0,065	FALSE
-0,036	0,300	-0,001	0,012	0,034	FALSE
0,063	0,294	0,002	0,012	0,066	FALSE
0,095	0,301	0,003	0,012	0,111	FALSE
0,088	0,302	0,003	0,011	0,106	FALSE
0,090	0,286	0,002	0,009	0,081	FALSE
0,026	0,306	0,000	0,006	0,012	FALSE
0,092	0,304	0,002	0,006	0,144	FALSE
0,183	0,287	0,007	0,010	0,304	FALSE
0,057	0,302	0,002	0,007	0,097	FALSE
0,091	0,296	0,003	0,011	0,087	FALSE
0,045	0,301	0,001	0,009	0,027	FALSE
-0,073	0,322	-0,002	0,012	0,072	FALSE
0,015	0,301	0,000	0,008	0,004	FALSE
-0,040	0,313	-0,002	0,013	0,057	FALSE
-0,029	0,318	-0,002	0,013	0,044	FALSE
-0,047	0,290	-0,002	0,011	0,067	FALSE
0,002	0,316	0,001	0,009	0,031	FALSE
0,014	0,311	0,000	0,011	0,007	FALSE
0,027	0,314	0,000	0,010	0,010	FALSE
-0,036	0,328	-0,001	0,009	0,043	FALSE
-0,063	0,306	-0,002	0,008	0,088	FALSE
-0,013	0,304	0,000	0,007	0,004	FALSE
-0,021	0,313	-0,001	0,013	0,020	FALSE
-0,035	0,310	-0,001	0,007	0,058	FALSE
-0,043	0,303	-0,002	0,008	0,090	FALSE
0,065	0,307	0,001	0,008	0,049	FALSE
-0,080	0,325	-0,002	0,009	0,077	FALSE
-0,075	0,303	-0,003	0,008	0,128	FALSE
0,073	0,315	0,002	0,007	0,114	FALSE
0,020	0,317	0,001	0,011	0,046	FALSE
0,030	0,318	0,002	0,010	0,062	FALSE
-0,106	0,325	-0,003	0,010	0,122	FALSE
-0,092	0,304	-0,004	0,011	0,134	FALSE
-0,055	0,306	-0,002	0,011	0,070	FALSE
-0,174	0,300	-0,007	0,012	0,257	FALSE
-0,033	0,294	-0,001	0,007	0,044	FALSE
0,180	0,311	0,005	0,008	0,255	FALSE
0,096	0,299	0,002	0,008	0,116	FALSE
0,000	0,315	0,000	0,009	0,008	FALSE
0,186	0,298	0,005	0,008	0,262	FALSE
-0,059	0,289	-0,002	0,009	0,068	FALSE
-0,102	0,291	-0,003	0,009	0,151	FALSE

0,027	0,298	0,000	0,012	0,009	FALSE
-0,005	0,294	-0,001	0,012	0,028	FALSE
-0,099	0,318	-0,003	0,010	0,117	FALSE
0,031	0,299	0,002	0,011	0,070	FALSE
-0,044	0,323	-0,001	0,010	0,038	FALSE
-0,023	0,317	-0,001	0,013	0,027	FALSE
-0,030	0,316	-0,001	0,008	0,023	FALSE
0,005	0,291	0,000	0,010	0,006	FALSE
-0,018	0,313	0,000	0,011	0,014	FALSE
-0,105	0,305	-0,003	0,007	0,153	FALSE
-0,048	0,312	-0,002	0,012	0,050	FALSE
-0,106	0,307	-0,002	0,007	0,133	FALSE
0,112	0,304	0,003	0,008	0,145	FALSE
-0,025	0,305	-0,001	0,008	0,048	FALSE
-0,026	0,297	-0,001	0,012	0,036	FALSE
-0,008	0,308	0,000	0,012	0,011	FALSE
-0,020	0,309	-0,001	0,012	0,035	FALSE
-0,030	0,322	-0,001	0,013	0,040	FALSE
0,069	0,308	0,003	0,011	0,092	FALSE
-0,070	0,314	-0,003	0,012	0,093	FALSE
0,106	0,315	0,005	0,013	0,153	FALSE
-0,025	0,315	-0,001	0,011	0,040	FALSE
-0,008	0,307	0,000	0,009	0,013	FALSE
0,051	0,287	0,001	0,006	0,040	FALSE
0,014	0,302	0,000	0,008	0,021	FALSE
0,049	0,305	0,003	0,012	0,078	FALSE
0,060	0,323	0,003	0,013	0,075	FALSE
-0,031	0,327	-0,002	0,011	0,050	FALSE
0,012	0,300	0,000	0,007	0,019	FALSE
-0,006	0,319	0,000	0,009	0,004	FALSE
0,029	0,307	0,001	0,007	0,054	FALSE
-0,011	0,315	0,000	0,008	0,018	FALSE
0,000	0,307	0,000	0,011	0,005	FALSE
-0,009	0,321	-0,001	0,011	0,028	FALSE
-0,011	0,314	0,000	0,010	0,003	FALSE
-0,061	0,316	-0,002	0,011	0,076	FALSE
-0,042	0,311	-0,001	0,009	0,031	FALSE
-0,062	0,311	-0,001	0,007	0,051	FALSE
0,035	0,297	0,001	0,006	0,040	FALSE
0,076	0,299	0,002	0,006	0,100	FALSE
-0,001	0,299	0,000	0,012	0,012	FALSE
-0,061	0,302	-0,001	0,008	0,065	FALSE
0,078	0,313	0,003	0,011	0,099	FALSE
0,048	0,309	0,002	0,009	0,067	FALSE
0,076	0,307	0,002	0,010	0,071	FALSE
-0,046	0,293	-0,002	0,012	0,076	FALSE
0,072	0,313	0,001	0,006	0,067	FALSE
0,007	0,314	0,001	0,012	0,017	FALSE
0,065	0,291	0,001	0,006	0,095	FALSE
0,042	0,303	0,002	0,012	0,072	FALSE
-0,046	0,302	-0,002	0,012	0,068	FALSE
-0,009	0,307	-0,001	0,007	0,040	FALSE
-0,037	0,307	-0,001	0,008	0,037	FALSE

-0,091	0,308	-0,003	0,013	0,105	FALSE
-0,022	0,304	-0,001	0,009	0,044	FALSE
-0,060	0,306	-0,002	0,009	0,090	FALSE
-0,014	0,303	0,000	0,006	0,000	FALSE
-0,042	0,312	-0,001	0,007	0,039	FALSE
0,141	0,292	0,005	0,010	0,216	FALSE
0,118	0,318	0,003	0,008	0,151	FALSE
-0,061	0,309	-0,003	0,011	0,107	FALSE
-0,064	0,309	-0,002	0,009	0,076	FALSE
-0,080	0,314	-0,003	0,011	0,115	FALSE
-0,056	0,301	-0,002	0,009	0,082	FALSE
-0,011	0,293	0,000	0,006	0,022	FALSE
-0,019	0,311	-0,001	0,007	0,039	FALSE
0,035	0,306	0,001	0,006	0,045	FALSE
0,106	0,315	0,003	0,009	0,135	FALSE
0,027	0,314	0,001	0,010	0,038	FALSE
-0,211	0,296	-0,006	0,008	0,301	FALSE
0,133	0,314	0,004	0,009	0,190	FALSE
-0,029	0,311	-0,002	0,011	0,060	FALSE
-0,086	0,316	-0,003	0,010	0,104	FALSE
0,082	0,318	0,004	0,013	0,109	FALSE
-0,006	0,320	0,000	0,013	0,003	FALSE
0,070	0,320	0,001	0,006	0,079	FALSE
-0,078	0,318	-0,003	0,011	0,107	FALSE
0,031	0,309	0,001	0,008	0,052	FALSE
0,012	0,308	0,001	0,010	0,041	FALSE
0,198	0,301	0,007	0,012	0,279	FALSE
0,006	0,313	0,000	0,011	0,011	FALSE
0,119	0,313	0,003	0,007	0,142	FALSE
0,078	0,297	0,002	0,007	0,096	FALSE
0,029	0,313	0,001	0,010	0,031	FALSE
-0,043	0,322	-0,001	0,008	0,052	FALSE
0,028	0,311	0,002	0,012	0,048	FALSE
0,083	0,310	0,002	0,007	0,104	FALSE
0,091	0,318	0,002	0,007	0,100	FALSE
0,082	0,311	0,002	0,008	0,102	FALSE
0,005	0,298	0,001	0,009	0,039	FALSE
-0,046	0,313	-0,001	0,008	0,047	FALSE
0,029	0,301	0,001	0,009	0,060	FALSE
0,016	0,300	0,000	0,007	0,023	FALSE
-0,045	0,309	-0,002	0,011	0,081	FALSE
-0,074	0,301	-0,002	0,011	0,082	FALSE
-0,003	0,294	-0,001	0,008	0,036	FALSE
-0,050	0,314	-0,002	0,010	0,073	FALSE
-0,022	0,325	-0,001	0,012	0,028	FALSE
0,034	0,315	0,001	0,008	0,051	FALSE
-0,044	0,309	-0,002	0,011	0,049	FALSE
0,051	0,294	0,003	0,012	0,082	FALSE
0,009	0,300	0,000	0,010	0,005	FALSE
-0,017	0,311	0,000	0,011	0,010	FALSE
0,024	0,306	0,001	0,007	0,044	FALSE
-0,062	0,302	-0,003	0,012	0,109	FALSE
0,101	0,294	0,003	0,006	0,199	FALSE

-0,156	0,303	-0,006	0,012	0,222	FALSE
0,023	0,308	0,000	0,007	0,024	FALSE
0,032	0,317	0,001	0,007	0,044	FALSE
-0,056	0,311	-0,001	0,009	0,051	FALSE
0,045	0,309	0,001	0,011	0,041	FALSE
-0,007	0,298	0,000	0,007	0,019	FALSE
0,012	0,293	0,001	0,009	0,046	FALSE
0,126	0,308	0,003	0,007	0,196	FALSE
0,106	0,316	0,002	0,008	0,119	FALSE
0,059	0,302	0,001	0,008	0,048	FALSE
0,085	0,300	0,002	0,008	0,083	FALSE
-0,070	0,313	-0,003	0,010	0,113	FALSE
0,027	0,327	0,001	0,007	0,029	FALSE
-0,002	0,307	0,000	0,007	0,004	FALSE
-0,018	0,322	0,000	0,012	0,012	FALSE
0,036	0,317	0,001	0,007	0,026	FALSE
0,117	0,311	0,003	0,007	0,156	FALSE
0,113	0,312	0,003	0,007	0,170	FALSE
-0,030	0,309	-0,001	0,007	0,047	FALSE
0,027	0,310	0,001	0,012	0,030	FALSE
-0,061	0,298	-0,002	0,007	0,105	FALSE
0,042	0,304	0,001	0,007	0,064	FALSE
0,156	0,299	0,006	0,011	0,227	FALSE
-0,199	0,299	-0,008	0,011	0,301	FALSE
-0,135	0,301	-0,004	0,009	0,213	FALSE
-0,139	0,297	-0,004	0,008	0,195	FALSE
0,039	0,310	0,001	0,007	0,050	FALSE
0,061	0,299	0,002	0,010	0,066	FALSE
-0,036	0,307	-0,001	0,007	0,054	FALSE
0,041	0,305	0,001	0,006	0,065	FALSE
0,008	0,280	-0,001	0,010	0,023	FALSE
0,071	0,304	0,002	0,010	0,071	FALSE
0,021	0,314	0,000	0,013	0,013	FALSE
-0,068	0,305	-0,001	0,009	0,053	FALSE
-0,055	0,309	-0,001	0,009	0,061	FALSE
0,055	0,305	0,002	0,011	0,056	FALSE
-0,047	0,334	-0,001	0,012	0,044	FALSE
-0,027	0,320	-0,001	0,012	0,027	FALSE
-0,098	0,304	-0,002	0,007	0,094	FALSE
-0,147	0,294	-0,003	0,008	0,182	FALSE
-0,109	0,300	-0,003	0,008	0,136	FALSE
-0,097	0,311	-0,003	0,009	0,122	FALSE
-0,011	0,313	0,000	0,007	0,002	FALSE
-0,002	0,318	0,000	0,012	0,000	FALSE
0,049	0,323	0,001	0,011	0,030	FALSE
0,058	0,310	0,001	0,011	0,044	FALSE
0,022	0,315	0,000	0,012	0,003	FALSE
0,034	0,305	0,001	0,012	0,028	FALSE
-0,019	0,313	-0,001	0,012	0,034	FALSE
0,149	0,292	0,004	0,007	0,238	FALSE
0,113	0,313	0,004	0,012	0,146	FALSE
0,136	0,306	0,005	0,011	0,192	FALSE
-0,057	0,295	-0,002	0,008	0,082	FALSE

-0,030	0,307	-0,001	0,006	0,052	FALSE
-0,034	0,316	-0,002	0,009	0,060	FALSE
-0,102	0,300	-0,002	0,007	0,117	FALSE
-0,054	0,294	-0,001	0,006	0,074	FALSE
-0,058	0,312	-0,001	0,007	0,076	FALSE
0,055	0,310	0,002	0,013	0,050	FALSE
-0,036	0,314	-0,001	0,010	0,043	FALSE
0,010	0,306	0,000	0,009	0,013	FALSE
-0,002	0,309	0,000	0,009	0,001	FALSE
-0,195	0,307	-0,005	0,007	0,291	FALSE
0,048	0,290	0,002	0,012	0,069	FALSE
-0,018	0,311	-0,001	0,008	0,052	FALSE
-0,138	0,309	-0,005	0,011	0,184	FALSE
-0,089	0,312	-0,003	0,011	0,108	FALSE
0,030	0,309	0,001	0,009	0,054	FALSE
0,023	0,327	0,001	0,011	0,029	FALSE
0,036	0,309	0,001	0,010	0,029	FALSE
0,160	0,283	0,004	0,009	0,183	FALSE
-0,068	0,305	-0,002	0,007	0,104	FALSE
-0,030	0,319	-0,001	0,008	0,041	FALSE
-0,036	0,311	-0,001	0,009	0,044	FALSE
-0,077	0,312	-0,003	0,011	0,120	FALSE
-0,004	0,313	0,000	0,009	0,008	FALSE
-0,030	0,315	-0,001	0,009	0,044	FALSE
0,009	0,305	0,001	0,012	0,019	FALSE
-0,003	0,312	-0,001	0,010	0,021	FALSE
0,003	0,315	0,000	0,010	0,008	FALSE
-0,030	0,310	-0,001	0,010	0,046	FALSE
0,032	0,316	0,001	0,008	0,055	FALSE
-0,003	0,312	-0,001	0,010	0,025	FALSE
-0,063	0,301	-0,002	0,009	0,079	FALSE
0,002	0,297	0,000	0,012	0,011	FALSE
-0,040	0,297	-0,001	0,008	0,058	FALSE
-0,052	0,310	-0,003	0,011	0,091	FALSE
0,131	0,310	0,005	0,010	0,180	FALSE
0,181	0,308	0,005	0,008	0,239	FALSE
-0,049	0,311	-0,001	0,008	0,039	FALSE
-0,027	0,309	-0,001	0,007	0,046	FALSE
-0,001	0,312	0,000	0,010	0,002	FALSE
-0,033	0,305	0,000	0,007	0,002	FALSE
-0,049	0,316	-0,001	0,008	0,035	FALSE
-0,058	0,302	-0,002	0,008	0,073	FALSE
0,005	0,318	0,000	0,012	0,008	FALSE
-0,102	0,307	-0,004	0,012	0,132	FALSE
-0,045	0,315	-0,001	0,011	0,039	FALSE
-0,140	0,310	-0,003	0,008	0,160	FALSE
0,050	0,315	0,002	0,006	0,097	FALSE
-0,005	0,324	0,000	0,007	0,011	FALSE
0,004	0,310	0,000	0,009	0,003	FALSE
0,022	0,307	0,000	0,009	0,012	FALSE
0,073	0,314	0,003	0,011	0,091	FALSE
-0,015	0,299	0,000	0,007	0,023	FALSE
-0,073	0,309	-0,002	0,009	0,076	FALSE

0,030	0,305	0,001	0,006	0,046	FALSE
0,093	0,316	0,002	0,009	0,096	FALSE
0,010	0,296	0,000	0,012	0,006	FALSE
-0,015	0,307	-0,001	0,013	0,036	FALSE
0,009	0,310	0,001	0,007	0,045	FALSE
-0,003	0,308	0,001	0,006	0,039	FALSE
0,207	0,294	0,008	0,011	0,331	FALSE
-0,056	0,296	-0,002	0,012	0,076	FALSE
0,074	0,296	0,002	0,006	0,097	FALSE
-0,039	0,312	-0,002	0,013	0,062	FALSE
-0,082	0,315	-0,003	0,009	0,123	FALSE
-0,174	0,298	-0,004	0,008	0,232	FALSE
0,037	0,315	0,001	0,007	0,045	FALSE
-0,085	0,310	-0,004	0,010	0,141	FALSE
0,190	0,293	0,005	0,008	0,297	FALSE
0,004	0,316	0,000	0,012	0,003	FALSE
0,105	0,295	0,003	0,008	0,163	FALSE
-0,130	0,306	-0,004	0,009	0,176	FALSE
0,061	0,295	0,002	0,011	0,071	FALSE
-0,097	0,309	-0,002	0,007	0,125	FALSE
-0,005	0,305	0,000	0,012	0,000	FALSE
-0,017	0,312	0,000	0,007	0,007	FALSE
-0,065	0,300	-0,002	0,009	0,108	FALSE
-0,040	0,309	-0,001	0,010	0,033	FALSE
-0,049	0,307	-0,001	0,009	0,037	FALSE
0,095	0,311	0,004	0,013	0,138	FALSE
-0,054	0,305	-0,002	0,013	0,063	FALSE
-0,084	0,298	-0,002	0,008	0,118	FALSE
-0,020	0,299	-0,001	0,007	0,035	FALSE
-0,033	0,310	-0,001	0,007	0,046	FALSE
0,076	0,296	0,003	0,011	0,111	FALSE
0,068	0,309	0,001	0,007	0,075	FALSE
0,054	0,311	0,001	0,008	0,047	FALSE
-0,073	0,295	-0,005	0,013	0,142	FALSE
0,036	0,314	0,001	0,007	0,031	FALSE
-0,018	0,316	-0,001	0,011	0,039	FALSE
-0,002	0,318	0,000	0,007	0,003	FALSE
0,069	0,311	0,002	0,008	0,120	FALSE
-0,046	0,296	-0,002	0,009	0,076	FALSE
0,054	0,310	0,002	0,007	0,115	FALSE
0,046	0,298	0,002	0,008	0,092	FALSE
0,074	0,307	0,003	0,008	0,130	FALSE
0,014	0,318	0,000	0,010	0,009	FALSE
-0,019	0,309	-0,001	0,009	0,026	FALSE
-0,046	0,306	-0,002	0,009	0,066	FALSE
0,011	0,313	0,001	0,008	0,025	FALSE
0,018	0,319	0,001	0,008	0,036	FALSE
-0,079	0,305	-0,002	0,008	0,099	FALSE
0,045	0,313	0,001	0,007	0,077	FALSE
0,043	0,323	0,001	0,007	0,053	FALSE
0,180	0,305	0,007	0,012	0,249	FALSE
-0,125	0,313	-0,005	0,011	0,177	FALSE
0,009	0,309	0,001	0,007	0,032	FALSE

-0,026	0,313	0,000	0,008	0,000	FALSE
-0,019	0,313	-0,002	0,012	0,049	FALSE
0,062	0,310	0,002	0,011	0,068	FALSE
-0,063	0,306	-0,002	0,010	0,092	FALSE
-0,121	0,306	-0,006	0,013	0,205	FALSE
-0,121	0,313	-0,006	0,013	0,189	FALSE
-0,066	0,302	-0,002	0,011	0,078	FALSE
0,017	0,299	0,001	0,011	0,018	FALSE
-0,046	0,324	-0,002	0,013	0,055	FALSE
0,108	0,313	0,004	0,009	0,162	FALSE
-0,021	0,311	0,000	0,007	0,017	FALSE
-0,010	0,301	0,000	0,008	0,019	FALSE
-0,034	0,305	0,000	0,011	0,013	FALSE
0,044	0,294	0,002	0,008	0,082	FALSE
0,055	0,311	0,002	0,012	0,070	FALSE
0,023	0,305	0,000	0,007	0,021	FALSE
-0,066	0,317	-0,003	0,013	0,092	FALSE
0,013	0,301	0,000	0,012	0,008	FALSE
0,067	0,317	0,002	0,013	0,061	FALSE
0,030	0,320	0,001	0,012	0,016	FALSE
-0,013	0,299	0,000	0,007	0,000	FALSE
-0,021	0,294	-0,001	0,012	0,032	FALSE
0,006	0,306	0,000	0,013	0,002	FALSE
0,010	0,307	0,000	0,010	0,005	FALSE
0,130	0,291	0,004	0,008	0,187	FALSE
0,199	0,294	0,005	0,007	0,309	FALSE
0,190	0,300	0,005	0,007	0,280	FALSE
0,003	0,307	0,000	0,009	0,009	FALSE
0,045	0,311	0,001	0,011	0,032	FALSE
-0,036	0,298	-0,001	0,007	0,035	FALSE
-0,009	0,313	0,000	0,013	0,007	FALSE
-0,019	0,308	0,000	0,012	0,013	FALSE
0,151	0,296	0,004	0,007	0,225	FALSE
0,091	0,302	0,003	0,007	0,136	FALSE
0,126	0,289	0,006	0,012	0,206	FALSE
-0,043	0,299	-0,002	0,010	0,058	FALSE
0,011	0,313	0,000	0,008	0,011	FALSE
-0,004	0,310	0,000	0,007	0,005	FALSE
-0,024	0,310	-0,001	0,008	0,027	FALSE
0,113	0,309	0,005	0,011	0,189	FALSE
-0,058	0,319	-0,002	0,008	0,085	FALSE
-0,054	0,295	-0,002	0,011	0,071	FALSE
0,149	0,307	0,003	0,007	0,193	FALSE
0,105	0,302	0,004	0,009	0,167	FALSE
-0,037	0,305	-0,001	0,007	0,039	FALSE
0,053	0,313	0,001	0,007	0,074	FALSE
0,060	0,314	0,002	0,007	0,080	FALSE
-0,161	0,292	-0,004	0,008	0,244	FALSE
0,017	0,306	0,000	0,013	0,011	FALSE
0,007	0,297	0,000	0,008	0,003	FALSE
-0,058	0,301	-0,001	0,007	0,073	FALSE
-0,111	0,296	-0,002	0,007	0,135	FALSE
0,038	0,315	0,001	0,012	0,041	FALSE

-0,070	0,303	-0,002	0,007	0,099	FALSE
-0,063	0,298	-0,002	0,008	0,101	FALSE
0,014	0,306	0,000	0,008	0,017	FALSE
0,024	0,297	0,000	0,009	0,005	FALSE
-0,037	0,303	-0,002	0,013	0,067	FALSE
0,056	0,317	0,002	0,013	0,052	FALSE
0,093	0,305	0,003	0,007	0,140	FALSE
0,117	0,297	0,004	0,009	0,201	FALSE
-0,149	0,309	-0,004	0,008	0,187	FALSE
0,088	0,306	0,002	0,009	0,083	FALSE
-0,140	0,312	-0,004	0,010	0,170	FALSE
-0,168	0,296	-0,005	0,008	0,271	FALSE
0,020	0,298	0,001	0,012	0,037	FALSE
-0,086	0,302	-0,001	0,006	0,093	FALSE
-0,016	0,302	-0,001	0,007	0,030	FALSE
0,042	0,301	0,002	0,012	0,065	FALSE
0,036	0,305	0,001	0,007	0,041	FALSE
0,022	0,293	0,001	0,007	0,027	FALSE
-0,098	0,302	-0,003	0,008	0,123	FALSE
0,019	0,315	0,001	0,012	0,033	FALSE
0,131	0,308	0,005	0,012	0,159	FALSE
-0,027	0,323	-0,001	0,008	0,024	FALSE
-0,063	0,311	-0,002	0,009	0,077	FALSE
-0,064	0,304	-0,002	0,009	0,089	FALSE
-0,053	0,299	-0,002	0,008	0,077	FALSE
-0,080	0,301	-0,003	0,010	0,095	FALSE
0,027	0,311	0,000	0,007	0,020	FALSE
0,039	0,294	0,001	0,007	0,066	FALSE
0,117	0,309	0,003	0,008	0,139	FALSE
0,062	0,308	0,002	0,010	0,066	FALSE
0,123	0,302	0,005	0,011	0,191	FALSE
-0,086	0,324	-0,004	0,012	0,119	FALSE
0,111	0,306	0,005	0,012	0,155	FALSE
0,103	0,309	0,004	0,012	0,132	FALSE
-0,075	0,314	-0,002	0,011	0,073	FALSE
0,005	0,296	0,000	0,010	0,011	FALSE
0,039	0,307	0,001	0,013	0,023	FALSE
0,042	0,324	0,001	0,014	0,036	FALSE
0,134	0,298	0,006	0,013	0,202	FALSE
-0,037	0,307	-0,001	0,013	0,018	FALSE
0,026	0,302	0,001	0,007	0,032	FALSE
0,035	0,315	0,001	0,012	0,035	FALSE
0,024	0,308	0,001	0,007	0,051	FALSE
-0,028	0,310	0,000	0,012	0,006	FALSE
-0,013	0,302	-0,001	0,008	0,025	FALSE
0,026	0,296	0,001	0,007	0,033	FALSE
0,062	0,301	0,002	0,010	0,062	FALSE
-0,102	0,313	-0,003	0,011	0,124	FALSE
0,076	0,300	0,002	0,008	0,097	FALSE
0,058	0,311	0,002	0,012	0,063	FALSE
0,022	0,314	0,001	0,011	0,019	FALSE
0,028	0,292	0,002	0,012	0,067	FALSE
-0,072	0,305	-0,003	0,012	0,107	FALSE

0,085	0,304	0,003	0,013	0,103	FALSE
0,069	0,298	0,002	0,013	0,065	FALSE
0,011	0,310	0,000	0,013	0,006	FALSE
0,037	0,303	0,001	0,007	0,077	FALSE
0,035	0,303	0,001	0,007	0,065	FALSE
0,041	0,309	0,002	0,007	0,083	FALSE
-0,013	0,304	0,000	0,008	0,012	FALSE
-0,063	0,307	-0,003	0,012	0,084	FALSE
-0,016	0,296	0,000	0,009	0,012	FALSE
0,073	0,304	0,001	0,009	0,055	FALSE
-0,002	0,306	0,000	0,006	0,008	FALSE
-0,054	0,314	-0,001	0,008	0,058	FALSE
-0,122	0,318	-0,003	0,007	0,176	FALSE
-0,129	0,296	-0,005	0,012	0,164	FALSE
-0,002	0,306	0,000	0,007	0,017	FALSE
-0,011	0,297	0,000	0,012	0,010	FALSE
-0,081	0,300	-0,004	0,012	0,137	FALSE
-0,014	0,323	0,000	0,013	0,008	FALSE
-0,033	0,300	-0,001	0,008	0,037	FALSE
-0,066	0,305	-0,001	0,006	0,066	FALSE
0,069	0,324	0,002	0,009	0,069	FALSE
-0,136	0,291	-0,003	0,006	0,186	FALSE
-0,118	0,307	-0,005	0,012	0,179	FALSE
-0,015	0,310	0,000	0,010	0,011	FALSE
-0,085	0,308	-0,001	0,008	0,070	FALSE
-0,066	0,298	-0,001	0,008	0,059	FALSE
-0,028	0,290	0,000	0,010	0,006	FALSE
-0,022	0,302	0,000	0,010	0,015	FALSE
0,142	0,307	0,003	0,006	0,218	FALSE
0,038	0,308	0,001	0,007	0,038	FALSE
-0,053	0,299	-0,001	0,007	0,064	FALSE
0,125	0,309	0,002	0,006	0,164	FALSE
0,091	0,301	0,002	0,007	0,110	FALSE
0,169	0,304	0,006	0,012	0,226	FALSE
0,042	0,317	0,001	0,013	0,040	FALSE
-0,145	0,316	-0,005	0,011	0,204	FALSE
-0,098	0,316	-0,003	0,011	0,109	FALSE
0,014	0,312	0,001	0,008	0,027	FALSE
-0,077	0,320	-0,002	0,011	0,065	FALSE
-0,128	0,304	-0,004	0,010	0,167	FALSE
0,066	0,303	0,001	0,006	0,089	FALSE
0,059	0,315	0,001	0,006	0,081	FALSE
0,084	0,293	0,003	0,008	0,143	FALSE
0,077	0,304	0,002	0,008	0,110	FALSE
-0,025	0,308	-0,001	0,009	0,049	FALSE
-0,043	0,318	-0,001	0,011	0,028	FALSE
-0,014	0,306	-0,002	0,012	0,057	FALSE
0,001	0,301	0,001	0,007	0,027	FALSE
0,068	0,301	0,001	0,008	0,071	FALSE
-0,016	0,294	0,000	0,008	0,017	FALSE
-0,101	0,315	-0,004	0,013	0,111	FALSE
-0,106	0,297	-0,004	0,010	0,140	FALSE
-0,106	0,289	-0,004	0,010	0,153	FALSE

0,009	0,310	0,000	0,007	0,025	FALSE
-0,063	0,299	-0,003	0,012	0,090	FALSE
-0,013	0,316	-0,001	0,009	0,030	FALSE
0,076	0,288	0,002	0,006	0,126	FALSE
-0,032	0,302	-0,002	0,010	0,085	FALSE
0,013	0,314	0,001	0,010	0,047	FALSE
-0,039	0,312	-0,001	0,010	0,021	FALSE
-0,010	0,302	0,000	0,008	0,013	FALSE
0,181	0,291	0,007	0,011	0,297	FALSE
0,055	0,315	0,003	0,012	0,083	FALSE
-0,013	0,303	-0,001	0,012	0,020	FALSE
-0,061	0,287	-0,002	0,008	0,113	FALSE
0,060	0,308	0,002	0,012	0,057	FALSE
0,033	0,305	0,001	0,012	0,038	FALSE
-0,108	0,310	-0,002	0,007	0,114	FALSE
-0,006	0,318	0,000	0,011	0,004	FALSE
-0,111	0,298	-0,005	0,011	0,172	FALSE
0,031	0,283	0,001	0,013	0,029	FALSE
0,073	0,302	0,002	0,008	0,091	FALSE
0,024	0,285	0,001	0,007	0,027	FALSE
0,164	0,292	0,006	0,011	0,251	FALSE
0,232	0,291	0,010	0,012	0,369	FALSE
0,120	0,302	0,005	0,010	0,195	FALSE
0,022	0,316	0,001	0,010	0,022	FALSE
0,092	0,300	0,003	0,011	0,131	FALSE
-0,029	0,313	-0,001	0,011	0,039	FALSE
0,030	0,300	0,001	0,007	0,054	FALSE
0,020	0,305	0,000	0,013	0,002	FALSE
0,049	0,311	0,002	0,010	0,070	FALSE
0,001	0,329	0,000	0,009	0,004	FALSE
0,014	0,315	0,001	0,009	0,025	FALSE
-0,089	0,307	-0,004	0,012	0,123	FALSE
0,130	0,304	0,003	0,007	0,181	FALSE
-0,112	0,305	-0,003	0,007	0,163	FALSE
0,076	0,310	0,002	0,009	0,076	FALSE
-0,078	0,314	-0,002	0,010	0,086	FALSE
-0,142	0,295	-0,005	0,012	0,179	FALSE
0,004	0,308	0,001	0,009	0,021	FALSE
0,047	0,314	0,002	0,010	0,070	FALSE
0,069	0,303	0,002	0,008	0,093	FALSE
-0,066	0,318	-0,001	0,008	0,067	FALSE
-0,063	0,293	-0,002	0,008	0,087	FALSE
-0,036	0,312	0,000	0,007	0,018	FALSE
-0,001	0,301	-0,001	0,007	0,026	FALSE
-0,001	0,309	0,001	0,013	0,035	FALSE
-0,001	0,296	0,001	0,012	0,034	FALSE
-0,157	0,308	-0,005	0,012	0,181	FALSE
0,045	0,315	0,001	0,008	0,063	FALSE
-0,016	0,315	-0,001	0,009	0,026	FALSE
0,047	0,312	0,002	0,011	0,073	FALSE
-0,130	0,301	-0,004	0,010	0,172	FALSE
0,069	0,326	0,002	0,011	0,067	FALSE
-0,106	0,303	-0,003	0,009	0,122	FALSE

-0,013	0,285	-0,001	0,010	0,019	FALSE
-0,019	0,283	-0,001	0,010	0,021	FALSE
-0,082	0,309	-0,003	0,012	0,113	FALSE
-0,082	0,296	-0,002	0,009	0,091	FALSE
0,065	0,320	0,002	0,007	0,088	FALSE
0,074	0,312	0,002	0,009	0,090	FALSE
-0,075	0,313	-0,002	0,009	0,082	FALSE
-0,036	0,306	-0,001	0,008	0,027	FALSE
0,091	0,302	0,002	0,009	0,107	FALSE
0,101	0,312	0,002	0,007	0,111	FALSE
-0,102	0,312	-0,003	0,009	0,110	FALSE
0,082	0,314	0,004	0,012	0,122	FALSE
-0,153	0,313	-0,005	0,008	0,251	FALSE
-0,057	0,290	-0,001	0,006	0,077	FALSE
-0,101	0,292	-0,004	0,012	0,140	FALSE
-0,164	0,309	-0,006	0,012	0,219	FALSE
-0,051	0,304	-0,001	0,009	0,059	FALSE
0,009	0,305	0,000	0,007	0,019	FALSE
0,000	0,293	0,000	0,011	0,003	FALSE
0,067	0,305	0,002	0,007	0,081	FALSE
-0,023	0,311	0,000	0,006	0,018	FALSE
0,043	0,307	0,001	0,011	0,024	FALSE
-0,029	0,310	-0,001	0,010	0,045	FALSE
-0,049	0,308	-0,002	0,010	0,077	FALSE
0,030	0,309	0,001	0,007	0,032	FALSE
-0,027	0,315	-0,002	0,013	0,045	FALSE
0,023	0,304	0,001	0,010	0,034	FALSE
-0,014	0,305	-0,001	0,012	0,045	FALSE
0,016	0,302	0,000	0,008	0,005	FALSE
0,008	0,311	-0,001	0,013	0,031	FALSE
-0,091	0,302	-0,004	0,012	0,130	FALSE
0,063	0,316	0,002	0,008	0,088	FALSE
-0,120	0,305	-0,005	0,013	0,155	FALSE
0,100	0,308	0,004	0,011	0,132	FALSE
-0,091	0,315	-0,003	0,009	0,126	FALSE
0,106	0,310	0,004	0,011	0,152	FALSE
0,088	0,320	0,004	0,011	0,128	FALSE
0,109	0,308	0,004	0,011	0,163	FALSE
0,071	0,305	0,001	0,006	0,085	FALSE
-0,034	0,309	-0,001	0,006	0,041	FALSE
-0,035	0,308	-0,001	0,011	0,030	FALSE
0,053	0,302	0,003	0,011	0,093	FALSE
0,006	0,307	0,000	0,009	0,017	FALSE
0,011	0,311	0,000	0,009	0,006	FALSE
0,084	0,312	0,003	0,010	0,113	FALSE
0,014	0,313	0,000	0,013	0,007	FALSE
0,017	0,319	0,001	0,012	0,019	FALSE
0,004	0,310	0,000	0,012	0,010	FALSE
0,017	0,309	0,001	0,006	0,031	FALSE
-0,010	0,300	-0,001	0,009	0,032	FALSE
0,012	0,308	0,000	0,007	0,005	FALSE
-0,061	0,322	-0,002	0,007	0,093	FALSE
0,074	0,307	0,002	0,012	0,060	FALSE

-0,022	0,306	-0,001	0,008	0,028	FALSE
0,075	0,314	0,002	0,007	0,082	FALSE
-0,098	0,290	-0,004	0,012	0,124	FALSE
0,030	0,312	0,001	0,008	0,031	FALSE
-0,064	0,316	-0,001	0,008	0,068	FALSE
-0,172	0,303	-0,005	0,009	0,249	FALSE
0,089	0,322	0,003	0,012	0,097	FALSE
0,009	0,300	0,000	0,012	0,009	FALSE
0,060	0,294	0,002	0,007	0,115	FALSE
0,094	0,313	0,004	0,012	0,122	FALSE
0,016	0,307	0,001	0,011	0,035	FALSE
-0,210	0,295	-0,009	0,013	0,340	FALSE
0,009	0,309	0,000	0,011	0,006	FALSE
-0,005	0,309	0,000	0,006	0,011	FALSE
0,000	0,300	0,000	0,006	0,016	FALSE
0,004	0,302	0,000	0,010	0,013	FALSE
0,103	0,298	0,004	0,012	0,119	FALSE
0,081	0,308	0,003	0,013	0,100	FALSE
0,072	0,303	0,003	0,012	0,091	FALSE
-0,079	0,303	-0,002	0,007	0,124	FALSE
0,013	0,319	0,000	0,008	0,004	FALSE
-0,005	0,314	0,000	0,012	0,000	FALSE
-0,027	0,302	0,000	0,010	0,007	FALSE
-0,069	0,308	-0,002	0,009	0,092	FALSE
0,008	0,320	0,000	0,008	0,001	FALSE
0,041	0,308	0,001	0,007	0,048	FALSE
-0,138	0,309	-0,005	0,009	0,209	FALSE
0,087	0,310	0,002	0,008	0,123	FALSE
0,120	0,290	0,003	0,007	0,183	FALSE
-0,061	0,301	-0,002	0,012	0,066	FALSE
0,141	0,291	0,003	0,007	0,178	FALSE
0,019	0,282	0,000	0,011	0,011	FALSE
-0,004	0,301	0,000	0,007	0,009	FALSE
-0,070	0,302	-0,002	0,009	0,095	FALSE
0,000	0,289	0,000	0,009	0,019	FALSE
0,023	0,311	0,001	0,013	0,018	FALSE
-0,065	0,305	-0,001	0,006	0,067	FALSE
-0,038	0,307	-0,001	0,010	0,035	FALSE
0,238	0,293	0,007	0,009	0,359	FALSE
-0,012	0,309	0,000	0,010	0,001	FALSE
-0,003	0,309	0,000	0,007	0,016	FALSE
0,015	0,301	0,000	0,007	0,002	FALSE
0,013	0,313	0,001	0,010	0,030	FALSE
0,054	0,308	0,001	0,012	0,045	FALSE
0,051	0,297	0,001	0,011	0,037	FALSE
-0,062	0,295	-0,002	0,009	0,089	FALSE
0,090	0,300	0,004	0,011	0,135	FALSE
-0,067	0,309	-0,001	0,008	0,063	FALSE
-0,138	0,309	-0,005	0,010	0,194	FALSE
0,143	0,289	0,004	0,008	0,226	FALSE
-0,020	0,299	-0,001	0,007	0,054	FALSE
0,106	0,303	0,004	0,013	0,130	FALSE
0,090	0,320	0,002	0,007	0,119	FALSE

-0,072	0,295	-0,001	0,006	0,075	FALSE
0,137	0,298	0,003	0,006	0,170	FALSE
-0,171	0,291	-0,005	0,008	0,257	FALSE
-0,060	0,306	-0,003	0,011	0,091	FALSE
0,021	0,311	0,001	0,007	0,049	FALSE
-0,007	0,298	0,000	0,011	0,010	FALSE
-0,045	0,299	-0,002	0,012	0,072	FALSE
-0,082	0,302	-0,002	0,009	0,097	FALSE
-0,092	0,320	-0,002	0,008	0,091	FALSE
0,042	0,304	0,001	0,010	0,043	FALSE
-0,025	0,324	-0,001	0,009	0,056	FALSE
-0,090	0,301	-0,005	0,012	0,163	FALSE
0,031	0,299	0,002	0,011	0,049	FALSE
-0,085	0,303	-0,003	0,009	0,118	FALSE
0,050	0,294	0,001	0,007	0,026	FALSE
-0,008	0,304	0,000	0,006	0,005	FALSE
-0,005	0,309	-0,001	0,009	0,035	FALSE
-0,108	0,304	-0,002	0,008	0,121	FALSE
-0,091	0,305	-0,002	0,008	0,106	FALSE
-0,117	0,302	-0,005	0,012	0,164	FALSE
-0,058	0,316	-0,002	0,008	0,082	FALSE
-0,076	0,308	-0,003	0,013	0,096	FALSE
-0,082	0,306	-0,003	0,013	0,102	FALSE
-0,045	0,300	-0,002	0,007	0,080	FALSE
-0,032	0,307	-0,001	0,010	0,050	FALSE
0,134	0,298	0,004	0,009	0,171	FALSE
0,060	0,310	0,003	0,012	0,092	FALSE
0,047	0,308	0,001	0,007	0,044	FALSE
0,059	0,312	0,001	0,007	0,055	FALSE
-0,027	0,313	-0,001	0,011	0,028	FALSE
-0,069	0,305	-0,002	0,008	0,099	FALSE
0,055	0,307	0,002	0,012	0,066	FALSE
0,066	0,313	0,001	0,007	0,086	FALSE
0,057	0,301	0,001	0,008	0,064	FALSE
0,047	0,307	0,001	0,009	0,050	FALSE
-0,087	0,310	-0,003	0,012	0,100	FALSE
-0,222	0,282	-0,009	0,012	0,349	FALSE
-0,182	0,306	-0,004	0,007	0,254	FALSE
0,033	0,305	0,001	0,007	0,027	FALSE
0,003	0,307	0,000	0,010	0,002	FALSE
0,068	0,301	0,003	0,012	0,097	FALSE
0,038	0,304	0,001	0,007	0,058	FALSE
0,003	0,312	0,000	0,012	0,013	FALSE
-0,033	0,319	-0,001	0,007	0,046	FALSE
-0,036	0,309	-0,001	0,007	0,048	FALSE
0,033	0,300	0,001	0,012	0,031	FALSE
0,115	0,304	0,002	0,007	0,135	FALSE
-0,118	0,315	-0,003	0,007	0,166	FALSE
-0,152	0,302	-0,005	0,011	0,216	FALSE
0,088	0,294	0,002	0,007	0,130	FALSE
0,156	0,303	0,004	0,008	0,227	FALSE
-0,133	0,324	-0,005	0,012	0,181	FALSE
-0,036	0,304	-0,001	0,007	0,047	FALSE

0,010	0,310	0,000	0,009	0,005	FALSE
0,100	0,302	0,003	0,010	0,129	FALSE
-0,079	0,308	-0,001	0,008	0,066	FALSE
-0,048	0,314	-0,002	0,009	0,064	FALSE
0,011	0,306	0,000	0,007	0,015	FALSE
0,051	0,296	0,003	0,012	0,085	FALSE
-0,044	0,303	-0,001	0,008	0,031	FALSE
0,025	0,301	0,000	0,012	0,000	FALSE
-0,137	0,298	-0,004	0,008	0,171	FALSE
-0,196	0,302	-0,005	0,008	0,298	FALSE
0,006	0,298	0,000	0,010	0,010	FALSE
0,105	0,294	0,004	0,010	0,158	FALSE
0,100	0,300	0,004	0,011	0,145	FALSE
-0,082	0,289	-0,004	0,011	0,142	FALSE
-0,005	0,302	0,000	0,010	0,006	FALSE
0,016	0,298	0,001	0,007	0,035	FALSE
0,064	0,304	0,002	0,011	0,060	FALSE
-0,008	0,306	-0,001	0,010	0,051	FALSE
0,051	0,294	0,002	0,012	0,068	FALSE
0,084	0,297	0,001	0,007	0,060	FALSE
-0,086	0,312	-0,002	0,009	0,090	FALSE
0,073	0,317	0,002	0,008	0,106	FALSE
0,054	0,306	0,002	0,012	0,057	FALSE
0,077	0,306	0,003	0,012	0,092	FALSE
0,031	0,317	0,001	0,006	0,045	FALSE
-0,070	0,292	-0,002	0,010	0,086	FALSE
-0,052	0,311	-0,001	0,007	0,072	FALSE
0,011	0,299	0,001	0,007	0,030	FALSE
0,054	0,313	0,002	0,013	0,049	FALSE
0,080	0,291	0,002	0,007	0,085	FALSE
-0,053	0,299	-0,002	0,013	0,056	FALSE
-0,046	0,318	-0,001	0,008	0,053	FALSE
-0,129	0,293	-0,003	0,007	0,206	FALSE
0,048	0,301	0,000	0,007	0,023	FALSE
0,063	0,306	0,002	0,010	0,061	FALSE
0,061	0,311	0,002	0,010	0,058	FALSE
-0,033	0,308	-0,002	0,010	0,081	FALSE
0,024	0,292	0,001	0,011	0,030	FALSE
-0,109	0,291	-0,003	0,007	0,157	FALSE
-0,085	0,313	-0,003	0,010	0,110	FALSE
0,027	0,300	0,002	0,008	0,075	FALSE
0,044	0,301	0,002	0,012	0,051	FALSE
0,089	0,303	0,002	0,007	0,108	FALSE
-0,089	0,308	-0,002	0,008	0,099	FALSE
-0,076	0,300	-0,002	0,009	0,074	FALSE
0,076	0,314	0,001	0,007	0,078	FALSE
-0,043	0,309	-0,002	0,012	0,056	FALSE
0,136	0,304	0,003	0,007	0,181	FALSE
-0,001	0,291	0,000	0,009	0,018	FALSE
-0,124	0,292	-0,005	0,012	0,182	FALSE
-0,115	0,307	-0,005	0,013	0,157	FALSE
-0,058	0,306	-0,002	0,010	0,082	FALSE
-0,112	0,305	-0,005	0,011	0,201	FALSE

0,058	0,311	0,003	0,012	0,079	FALSE
-0,013	0,312	0,000	0,009	0,012	FALSE
-0,032	0,309	-0,001	0,007	0,032	FALSE
-0,060	0,309	-0,001	0,011	0,049	FALSE
0,014	0,310	0,000	0,006	0,023	FALSE
0,149	0,299	0,004	0,008	0,209	FALSE
-0,023	0,307	-0,001	0,010	0,034	FALSE
0,066	0,306	0,002	0,012	0,063	FALSE
0,088	0,296	0,003	0,012	0,095	FALSE
0,055	0,304	0,002	0,010	0,064	FALSE
0,076	0,309	0,002	0,009	0,083	FALSE
0,027	0,309	0,001	0,009	0,035	FALSE
0,029	0,316	0,001	0,010	0,027	FALSE
0,024	0,311	0,001	0,008	0,031	FALSE
-0,132	0,303	-0,007	0,012	0,221	FALSE
0,061	0,315	0,002	0,011	0,078	FALSE
0,082	0,302	0,003	0,010	0,097	FALSE
-0,118	0,314	-0,006	0,013	0,178	FALSE
-0,015	0,304	0,000	0,007	0,007	FALSE
-0,147	0,295	-0,007	0,012	0,223	FALSE
-0,059	0,310	-0,003	0,010	0,108	FALSE
0,035	0,303	0,001	0,012	0,044	FALSE
-0,109	0,301	-0,006	0,013	0,182	FALSE
-0,118	0,315	-0,006	0,012	0,196	FALSE
0,034	0,307	0,001	0,011	0,034	FALSE
-0,094	0,308	-0,005	0,012	0,168	FALSE
-0,060	0,313	-0,003	0,010	0,114	FALSE
-0,021	0,320	-0,001	0,008	0,035	FALSE
0,006	0,291	0,001	0,011	0,019	FALSE
-0,019	0,301	-0,001	0,012	0,018	FALSE
0,103	0,297	0,004	0,011	0,169	FALSE
0,124	0,313	0,005	0,011	0,178	FALSE
0,111	0,309	0,004	0,011	0,168	FALSE
0,112	0,303	0,005	0,011	0,171	FALSE
0,177	0,294	0,006	0,010	0,280	FALSE
0,163	0,296	0,006	0,010	0,244	FALSE
-0,026	0,317	-0,001	0,009	0,032	FALSE
0,002	0,306	0,000	0,009	0,006	FALSE
0,105	0,297	0,004	0,012	0,127	FALSE
0,052	0,321	0,001	0,007	0,050	FALSE
-0,017	0,313	0,000	0,009	0,017	FALSE
-0,042	0,305	-0,001	0,010	0,036	FALSE
0,159	0,294	0,004	0,008	0,221	FALSE
0,119	0,303	0,003	0,009	0,139	FALSE
-0,126	0,300	-0,003	0,008	0,179	FALSE
-0,212	0,287	-0,004	0,006	0,275	FALSE
-0,045	0,294	-0,001	0,009	0,058	FALSE
-0,015	0,309	0,000	0,007	0,020	FALSE
0,012	0,302	0,000	0,008	0,006	FALSE
0,093	0,292	0,004	0,011	0,140	FALSE
-0,098	0,298	-0,002	0,008	0,103	FALSE
-0,111	0,305	-0,004	0,010	0,154	FALSE
-0,151	0,295	-0,005	0,009	0,224	FALSE

0,060	0,320	0,002	0,010	0,087	FALSE
-0,099	0,300	-0,004	0,013	0,128	FALSE
-0,172	0,304	-0,005	0,010	0,222	FALSE
0,079	0,305	0,003	0,012	0,094	FALSE
0,080	0,313	0,003	0,013	0,086	FALSE
-0,079	0,307	-0,002	0,009	0,082	FALSE
0,127	0,299	0,005	0,011	0,188	FALSE
-0,085	0,296	-0,004	0,011	0,147	FALSE
-0,127	0,306	-0,005	0,013	0,157	FALSE
-0,044	0,296	0,000	0,010	0,016	FALSE
-0,068	0,307	-0,002	0,007	0,104	FALSE
-0,023	0,307	-0,001	0,008	0,034	FALSE
-0,098	0,290	-0,004	0,010	0,140	FALSE
0,118	0,299	0,003	0,008	0,153	FALSE
0,076	0,326	0,003	0,013	0,085	FALSE
0,167	0,301	0,006	0,010	0,264	FALSE
-0,044	0,298	-0,001	0,010	0,035	FALSE
-0,041	0,307	-0,001	0,007	0,034	FALSE
0,036	0,303	0,000	0,009	0,012	FALSE
0,044	0,301	0,000	0,009	0,018	FALSE
0,043	0,284	0,001	0,008	0,029	FALSE
0,000	0,315	0,001	0,009	0,021	FALSE
0,131	0,310	0,006	0,012	0,193	FALSE
0,118	0,301	0,006	0,012	0,190	FALSE
-0,191	0,304	-0,009	0,013	0,297	FALSE
-0,190	0,306	-0,008	0,012	0,281	FALSE
-0,028	0,308	-0,001	0,009	0,028	FALSE
0,025	0,319	0,001	0,009	0,022	FALSE
0,064	0,324	0,002	0,009	0,067	FALSE
0,016	0,319	0,000	0,009	0,003	FALSE
0,062	0,291	0,004	0,012	0,116	FALSE
-0,133	0,321	-0,004	0,010	0,176	FALSE
-0,046	0,291	-0,002	0,009	0,088	FALSE
-0,026	0,311	-0,001	0,010	0,034	FALSE
-0,130	0,309	-0,004	0,011	0,158	FALSE
-0,004	0,306	0,000	0,011	0,010	FALSE
0,063	0,307	0,001	0,008	0,064	FALSE
-0,045	0,311	-0,001	0,008	0,058	FALSE
-0,035	0,311	-0,001	0,009	0,032	FALSE
-0,042	0,301	-0,001	0,009	0,036	FALSE
0,162	0,309	0,003	0,007	0,197	FALSE
0,042	0,294	0,000	0,006	0,026	FALSE
0,053	0,309	0,001	0,011	0,043	FALSE
0,043	0,305	0,001	0,008	0,028	FALSE
-0,076	0,308	-0,002	0,011	0,081	FALSE
0,021	0,304	0,001	0,012	0,016	FALSE
0,038	0,302	0,001	0,007	0,060	FALSE
-0,112	0,312	-0,003	0,008	0,174	FALSE
-0,066	0,308	-0,002	0,008	0,093	FALSE
-0,095	0,314	-0,002	0,007	0,122	FALSE
0,100	0,300	0,003	0,008	0,172	FALSE
0,143	0,303	0,005	0,009	0,242	FALSE
-0,063	0,320	-0,002	0,009	0,069	FALSE

-0,016	0,325	0,000	0,007	0,016	FALSE
-0,062	0,311	-0,001	0,011	0,045	FALSE
-0,080	0,310	-0,002	0,007	0,086	FALSE
0,007	0,304	0,000	0,009	0,009	FALSE
-0,049	0,311	-0,001	0,006	0,062	FALSE
-0,053	0,309	-0,001	0,006	0,067	FALSE
-0,030	0,314	-0,001	0,007	0,044	FALSE
-0,070	0,306	-0,002	0,010	0,085	FALSE
-0,058	0,317	-0,003	0,013	0,078	FALSE
-0,038	0,294	-0,001	0,009	0,057	FALSE
-0,025	0,302	-0,001	0,009	0,032	FALSE
-0,033	0,300	-0,001	0,009	0,045	FALSE
-0,038	0,316	-0,001	0,009	0,059	FALSE
0,061	0,306	0,003	0,011	0,092	FALSE
0,023	0,298	0,000	0,011	0,014	FALSE
-0,061	0,296	-0,003	0,009	0,108	FALSE
0,008	0,302	0,000	0,007	0,013	FALSE
-0,145	0,306	-0,004	0,007	0,202	FALSE
-0,035	0,294	0,000	0,008	0,001	FALSE
0,039	0,304	0,001	0,008	0,061	FALSE
0,154	0,300	0,005	0,009	0,218	FALSE
-0,165	0,294	-0,008	0,012	0,286	FALSE
-0,043	0,295	-0,001	0,006	0,064	FALSE
-0,068	0,290	-0,002	0,009	0,103	FALSE
0,064	0,315	0,002	0,010	0,078	FALSE
0,062	0,305	0,002	0,012	0,073	FALSE
0,045	0,304	0,001	0,012	0,035	FALSE
0,049	0,314	0,001	0,006	0,071	FALSE
-0,055	0,309	-0,002	0,013	0,053	FALSE
0,030	0,298	0,002	0,011	0,054	FALSE
-0,045	0,316	-0,001	0,007	0,039	FALSE
0,054	0,325	0,001	0,008	0,068	FALSE
0,039	0,308	0,001	0,007	0,052	FALSE
0,070	0,306	0,003	0,012	0,093	FALSE
0,054	0,310	0,001	0,007	0,066	FALSE
-0,104	0,308	-0,004	0,013	0,128	FALSE
-0,032	0,306	-0,001	0,011	0,042	FALSE
0,008	0,322	0,000	0,007	0,016	FALSE
0,032	0,308	0,001	0,007	0,036	FALSE
-0,051	0,307	-0,002	0,008	0,078	FALSE
-0,053	0,299	-0,002	0,012	0,055	FALSE
0,043	0,305	0,002	0,009	0,090	FALSE
-0,155	0,306	-0,004	0,007	0,234	FALSE
0,022	0,306	0,000	0,011	0,011	FALSE
-0,067	0,310	-0,004	0,012	0,117	FALSE
0,023	0,323	0,001	0,007	0,053	FALSE
0,092	0,312	0,002	0,009	0,100	FALSE
0,008	0,310	0,000	0,009	0,002	FALSE
0,052	0,296	0,001	0,009	0,057	FALSE
-0,122	0,312	-0,003	0,008	0,161	FALSE
-0,015	0,306	0,000	0,011	0,011	FALSE
0,093	0,311	0,002	0,008	0,113	FALSE
-0,021	0,303	0,000	0,011	0,011	FALSE

-0,122	0,298	-0,003	0,008	0,152	FALSE
-0,024	0,307	-0,001	0,009	0,035	FALSE
-0,061	0,289	-0,003	0,008	0,124	FALSE
0,041	0,307	0,001	0,007	0,081	FALSE
0,081	0,310	0,002	0,008	0,093	FALSE
0,053	0,312	0,001	0,008	0,051	FALSE
0,080	0,309	0,002	0,008	0,085	FALSE
0,079	0,315	0,002	0,009	0,083	FALSE
0,088	0,305	0,002	0,009	0,105	FALSE
0,106	0,301	0,002	0,008	0,124	FALSE
0,048	0,300	0,001	0,008	0,058	FALSE
-0,012	0,318	0,000	0,007	0,001	FALSE
-0,031	0,321	0,000	0,007	0,002	FALSE
0,001	0,302	0,000	0,006	0,006	FALSE
0,189	0,291	0,007	0,011	0,268	FALSE
0,013	0,300	0,000	0,006	0,022	FALSE
0,106	0,309	0,004	0,010	0,145	FALSE
0,040	0,308	0,000	0,006	0,027	FALSE
0,049	0,313	0,001	0,007	0,075	FALSE
-0,080	0,295	-0,003	0,010	0,095	FALSE
0,107	0,302	0,003	0,008	0,166	FALSE
0,163	0,314	0,005	0,011	0,204	FALSE
-0,075	0,304	-0,002	0,007	0,103	FALSE
-0,048	0,291	-0,001	0,011	0,039	FALSE
-0,043	0,288	-0,001	0,007	0,035	FALSE
0,071	0,301	0,002	0,008	0,090	FALSE
-0,039	0,284	0,000	0,009	0,012	FALSE
-0,061	0,294	-0,001	0,009	0,038	FALSE
0,058	0,320	0,002	0,009	0,079	FALSE
0,132	0,298	0,005	0,012	0,167	FALSE
0,021	0,317	0,001	0,010	0,020	FALSE
0,089	0,303	0,002	0,008	0,102	FALSE
0,125	0,305	0,005	0,011	0,172	FALSE
0,069	0,302	0,002	0,012	0,069	FALSE
0,000	0,308	-0,001	0,012	0,022	FALSE
0,005	0,305	0,000	0,006	0,013	FALSE
0,092	0,306	0,003	0,009	0,114	FALSE
0,121	0,319	0,003	0,007	0,155	FALSE
0,104	0,305	0,004	0,012	0,112	FALSE
-0,103	0,289	-0,004	0,011	0,121	FALSE
-0,033	0,313	-0,001	0,010	0,041	FALSE
0,045	0,312	0,001	0,012	0,032	FALSE
0,116	0,307	0,004	0,013	0,132	FALSE
-0,032	0,310	-0,001	0,013	0,030	FALSE
-0,088	0,295	-0,003	0,008	0,122	FALSE
-0,113	0,286	-0,003	0,008	0,168	FALSE
-0,101	0,293	-0,003	0,008	0,148	FALSE
0,016	0,308	0,001	0,012	0,020	FALSE
-0,054	0,316	-0,001	0,009	0,046	FALSE
0,091	0,307	0,003	0,012	0,103	FALSE
-0,083	0,308	-0,003	0,009	0,133	FALSE
-0,122	0,318	-0,004	0,009	0,191	FALSE
0,050	0,319	0,002	0,013	0,044	FALSE

0,060	0,300	0,001	0,006	0,056	FALSE
0,017	0,328	0,001	0,010	0,020	FALSE
0,092	0,292	0,002	0,006	0,121	FALSE
-0,006	0,311	0,000	0,007	0,008	FALSE
-0,031	0,321	-0,001	0,009	0,029	FALSE
0,097	0,302	0,002	0,007	0,136	FALSE
-0,159	0,314	-0,005	0,009	0,242	FALSE
-0,087	0,301	-0,003	0,008	0,136	FALSE
-0,059	0,309	-0,002	0,007	0,092	FALSE
0,049	0,309	0,002	0,009	0,072	FALSE
-0,030	0,316	0,000	0,006	0,025	FALSE
0,044	0,296	0,002	0,012	0,072	FALSE
-0,096	0,313	-0,002	0,008	0,110	FALSE
0,048	0,302	0,002	0,008	0,080	FALSE
0,130	0,303	0,004	0,010	0,174	FALSE
-0,073	0,311	-0,001	0,007	0,073	FALSE
-0,302	0,273	-0,011	0,010	0,580	FALSE
-0,044	0,305	-0,001	0,006	0,057	FALSE
-0,022	0,316	-0,001	0,012	0,031	FALSE
-0,105	0,308	-0,004	0,013	0,119	FALSE
0,137	0,308	0,005	0,010	0,225	FALSE
0,085	0,313	0,002	0,007	0,121	FALSE
-0,041	0,313	-0,001	0,007	0,033	FALSE
0,079	0,315	0,003	0,012	0,110	FALSE
-0,055	0,317	-0,001	0,007	0,056	FALSE
0,025	0,311	0,000	0,008	0,013	FALSE
0,054	0,296	0,001	0,010	0,049	FALSE
0,017	0,310	0,001	0,007	0,036	FALSE
-0,007	0,304	0,000	0,007	0,002	FALSE
-0,111	0,299	-0,003	0,006	0,164	FALSE
-0,140	0,308	-0,003	0,006	0,201	FALSE
0,155	0,302	0,004	0,008	0,194	FALSE
-0,081	0,299	-0,004	0,013	0,113	FALSE
0,164	0,306	0,003	0,007	0,197	FALSE
-0,114	0,297	-0,005	0,011	0,173	FALSE
-0,093	0,307	-0,002	0,007	0,112	FALSE
0,081	0,318	0,003	0,010	0,118	FALSE
0,011	0,311	0,001	0,012	0,023	FALSE
0,007	0,304	0,000	0,010	0,016	FALSE
-0,081	0,301	-0,001	0,006	0,086	FALSE
0,213	0,293	0,007	0,011	0,298	FALSE
-0,036	0,311	-0,001	0,009	0,026	FALSE
0,018	0,305	0,001	0,013	0,030	FALSE
-0,023	0,311	0,000	0,012	0,005	FALSE
-0,011	0,312	0,000	0,007	0,011	FALSE
-0,027	0,314	-0,001	0,007	0,039	FALSE
0,048	0,302	0,001	0,012	0,039	FALSE
-0,171	0,312	-0,003	0,007	0,201	FALSE
-0,005	0,303	0,000	0,007	0,008	FALSE
-0,060	0,302	-0,002	0,011	0,074	FALSE
-0,122	0,304	-0,003	0,007	0,174	FALSE
0,108	0,307	0,003	0,008	0,163	FALSE
0,110	0,306	0,002	0,008	0,114	FALSE

-0,026	0,312	-0,001	0,011	0,019	FALSE
0,044	0,300	0,002	0,011	0,053	FALSE
-0,043	0,300	-0,002	0,009	0,064	FALSE
-0,126	0,321	-0,004	0,013	0,131	FALSE
-0,057	0,305	-0,001	0,009	0,061	FALSE
-0,056	0,301	-0,002	0,009	0,078	FALSE
-0,178	0,298	-0,004	0,007	0,259	FALSE
-0,022	0,308	0,000	0,012	0,008	FALSE
-0,073	0,301	-0,002	0,008	0,091	FALSE
-0,024	0,304	-0,001	0,012	0,028	FALSE
-0,019	0,303	-0,001	0,007	0,039	FALSE
0,045	0,318	0,001	0,009	0,034	FALSE
0,157	0,300	0,004	0,007	0,208	FALSE
0,090	0,309	0,002	0,008	0,098	FALSE
0,038	0,307	0,001	0,009	0,045	FALSE
-0,020	0,308	-0,001	0,012	0,028	FALSE
0,120	0,295	0,005	0,012	0,155	FALSE
0,020	0,317	0,001	0,013	0,034	FALSE
-0,021	0,313	0,000	0,006	0,003	FALSE
-0,007	0,314	-0,001	0,012	0,023	FALSE
0,028	0,309	0,001	0,007	0,063	FALSE
-0,114	0,305	-0,003	0,007	0,158	FALSE
0,055	0,292	0,001	0,006	0,056	FALSE
-0,152	0,293	-0,004	0,009	0,203	FALSE
-0,031	0,319	-0,001	0,011	0,023	FALSE
-0,129	0,313	-0,003	0,007	0,165	FALSE
-0,003	0,300	0,000	0,011	0,010	FALSE
-0,099	0,299	-0,002	0,007	0,131	FALSE
-0,041	0,303	-0,002	0,011	0,063	FALSE
-0,042	0,311	-0,002	0,011	0,054	FALSE
-0,035	0,314	-0,001	0,008	0,036	FALSE
-0,036	0,305	-0,001	0,012	0,039	FALSE
-0,062	0,307	-0,002	0,010	0,069	FALSE
0,099	0,307	0,003	0,010	0,115	FALSE
0,098	0,302	0,002	0,006	0,102	FALSE
0,054	0,316	0,002	0,012	0,045	FALSE
0,003	0,316	0,000	0,012	0,008	FALSE
0,020	0,315	0,000	0,008	0,008	FALSE
0,058	0,297	0,001	0,008	0,073	FALSE
0,048	0,313	0,001	0,012	0,035	FALSE
-0,068	0,300	-0,001	0,008	0,054	FALSE
-0,026	0,302	0,000	0,010	0,010	FALSE
0,115	0,310	0,003	0,007	0,161	FALSE
-0,024	0,287	-0,001	0,012	0,046	FALSE
-0,118	0,315	-0,002	0,008	0,112	FALSE
0,058	0,312	0,001	0,007	0,061	FALSE
0,036	0,301	0,002	0,009	0,086	FALSE
-0,019	0,285	0,000	0,010	0,001	FALSE
-0,017	0,304	-0,002	0,011	0,061	FALSE
0,151	0,304	0,006	0,011	0,231	FALSE
0,049	0,308	0,001	0,007	0,076	FALSE
0,077	0,291	0,003	0,008	0,136	FALSE
-0,011	0,314	0,000	0,007	0,019	FALSE

0,031	0,309	0,001	0,010	0,019	FALSE
-0,004	0,299	-0,001	0,012	0,035	FALSE
0,051	0,307	0,001	0,008	0,045	FALSE
-0,076	0,300	-0,003	0,010	0,100	FALSE
-0,123	0,315	-0,003	0,007	0,161	FALSE
0,031	0,310	0,001	0,007	0,031	FALSE
0,142	0,294	0,005	0,010	0,201	FALSE
0,134	0,309	0,005	0,011	0,181	FALSE
0,036	0,317	0,001	0,007	0,056	FALSE
-0,144	0,298	-0,003	0,006	0,212	FALSE
-0,120	0,328	-0,002	0,007	0,142	FALSE
-0,092	0,317	-0,003	0,008	0,131	FALSE
-0,034	0,317	-0,001	0,013	0,035	FALSE
0,013	0,305	0,000	0,007	0,001	FALSE
-0,008	0,294	0,000	0,011	0,008	FALSE
0,034	0,304	0,000	0,006	0,021	FALSE
0,024	0,312	0,000	0,007	0,008	FALSE
-0,048	0,306	-0,001	0,007	0,070	FALSE
0,012	0,310	0,000	0,009	0,013	FALSE
0,015	0,317	0,000	0,007	0,015	FALSE
0,013	0,310	0,000	0,007	0,012	FALSE
-0,039	0,301	-0,002	0,010	0,057	FALSE
-0,006	0,302	0,000	0,009	0,019	FALSE
-0,123	0,323	-0,003	0,009	0,148	FALSE
-0,126	0,288	-0,005	0,012	0,179	FALSE
0,036	0,309	0,001	0,006	0,069	FALSE
0,037	0,300	0,000	0,009	0,018	FALSE
0,005	0,298	0,000	0,009	0,009	FALSE
0,000	0,312	0,000	0,007	0,017	FALSE
-0,036	0,301	-0,002	0,011	0,058	FALSE
0,009	0,301	0,000	0,011	0,014	FALSE
-0,033	0,297	-0,001	0,011	0,024	FALSE
-0,123	0,311	-0,004	0,010	0,172	FALSE
-0,076	0,305	-0,002	0,007	0,106	FALSE
-0,007	0,289	0,000	0,010	0,011	FALSE
-0,030	0,315	-0,001	0,007	0,025	FALSE
-0,015	0,311	0,000	0,007	0,006	FALSE
-0,007	0,301	-0,001	0,010	0,032	FALSE
-0,063	0,304	-0,002	0,009	0,072	FALSE
-0,009	0,319	-0,001	0,011	0,028	FALSE
-0,038	0,298	-0,001	0,009	0,033	FALSE
-0,070	0,290	-0,002	0,010	0,094	FALSE
-0,074	0,326	-0,001	0,007	0,083	FALSE
0,047	0,304	0,001	0,007	0,081	FALSE
0,103	0,298	0,003	0,009	0,154	FALSE
0,050	0,306	0,002	0,008	0,091	FALSE
-0,078	0,318	-0,002	0,008	0,107	FALSE
0,053	0,316	0,002	0,007	0,086	FALSE
0,023	0,298	0,001	0,009	0,041	FALSE
-0,022	0,315	0,000	0,007	0,012	FALSE
-0,048	0,303	-0,001	0,008	0,042	FALSE
0,051	0,312	0,002	0,008	0,091	FALSE
-0,033	0,299	0,000	0,009	0,014	FALSE

0,018	0,303	0,000	0,009	0,019	FALSE
0,060	0,298	0,002	0,008	0,103	FALSE
-0,007	0,317	0,000	0,012	0,011	FALSE
-0,013	0,310	0,000	0,012	0,004	FALSE
0,037	0,305	0,001	0,011	0,047	FALSE
-0,025	0,312	0,000	0,013	0,012	FALSE
0,033	0,307	0,001	0,012	0,031	FALSE
-0,030	0,308	-0,001	0,013	0,036	FALSE
0,026	0,310	0,001	0,008	0,045	FALSE
0,019	0,315	0,001	0,008	0,042	FALSE
-0,076	0,301	-0,004	0,012	0,146	FALSE
0,000	0,308	0,000	0,013	0,010	FALSE
-0,017	0,299	0,000	0,012	0,008	FALSE
-0,043	0,301	-0,002	0,009	0,071	FALSE
0,029	0,301	0,002	0,012	0,061	FALSE
0,132	0,302	0,004	0,008	0,183	FALSE
0,124	0,295	0,004	0,010	0,172	FALSE
0,061	0,303	0,001	0,009	0,056	FALSE
0,107	0,298	0,004	0,009	0,170	FALSE
0,117	0,300	0,004	0,009	0,184	FALSE
0,045	0,306	0,003	0,013	0,087	FALSE
0,090	0,302	0,003	0,008	0,152	FALSE
0,120	0,298	0,004	0,008	0,201	FALSE
0,046	0,323	0,001	0,010	0,043	FALSE
-0,224	0,314	-0,007	0,009	0,327	FALSE
-0,014	0,321	0,000	0,013	0,009	FALSE
0,092	0,303	0,003	0,008	0,133	FALSE
-0,017	0,325	-0,001	0,013	0,014	FALSE
-0,024	0,312	-0,001	0,013	0,028	FALSE
-0,057	0,311	-0,002	0,012	0,057	FALSE
0,048	0,312	0,002	0,012	0,062	FALSE
0,106	0,304	0,003	0,008	0,131	FALSE
0,107	0,300	0,003	0,008	0,147	FALSE
0,124	0,301	0,003	0,008	0,169	FALSE
-0,090	0,305	-0,002	0,007	0,096	FALSE
-0,082	0,319	-0,002	0,009	0,102	FALSE
0,020	0,308	0,000	0,008	0,018	FALSE
-0,048	0,301	-0,002	0,008	0,083	FALSE
-0,127	0,300	-0,004	0,008	0,188	FALSE
0,157	0,299	0,004	0,009	0,199	FALSE
0,007	0,300	0,000	0,010	0,007	FALSE
0,049	0,320	0,001	0,008	0,053	FALSE
0,081	0,308	0,003	0,011	0,093	FALSE
-0,024	0,309	-0,001	0,010	0,035	FALSE
-0,026	0,328	-0,001	0,009	0,038	FALSE
0,017	0,308	0,001	0,007	0,028	FALSE
0,038	0,297	0,001	0,009	0,025	FALSE
0,001	0,319	0,000	0,008	0,004	FALSE
0,067	0,307	0,002	0,008	0,089	FALSE
-0,157	0,301	-0,005	0,011	0,210	FALSE
-0,007	0,300	0,000	0,007	0,012	FALSE
-0,065	0,303	-0,002	0,012	0,061	FALSE
-0,103	0,314	-0,004	0,013	0,123	FALSE

0,000	0,312	0,000	0,011	0,006	FALSE
-0,017	0,299	0,000	0,007	0,008	FALSE
-0,029	0,314	-0,002	0,013	0,054	FALSE
0,072	0,313	0,002	0,007	0,081	FALSE
-0,033	0,317	-0,001	0,009	0,035	FALSE
-0,095	0,322	-0,004	0,012	0,131	FALSE
-0,144	0,312	-0,003	0,007	0,189	FALSE
-0,006	0,302	-0,001	0,013	0,040	FALSE
-0,043	0,315	-0,002	0,012	0,067	FALSE
0,139	0,312	0,004	0,010	0,155	FALSE
0,059	0,332	0,002	0,013	0,065	FALSE
-0,013	0,325	-0,001	0,010	0,053	FALSE
0,097	0,300	0,003	0,006	0,166	FALSE
-0,033	0,304	0,000	0,006	0,003	FALSE
-0,010	0,296	0,000	0,009	0,001	FALSE
0,077	0,313	0,002	0,009	0,080	FALSE
0,082	0,305	0,002	0,007	0,081	FALSE
-0,030	0,304	-0,002	0,011	0,067	FALSE
-0,067	0,305	-0,002	0,008	0,097	FALSE
0,025	0,305	0,001	0,008	0,044	FALSE
0,012	0,313	0,001	0,007	0,027	FALSE
0,123	0,310	0,002	0,007	0,140	FALSE
0,069	0,299	0,001	0,008	0,071	FALSE
-0,120	0,298	-0,004	0,010	0,186	FALSE
-0,023	0,317	-0,001	0,007	0,036	FALSE
-0,046	0,310	-0,002	0,008	0,067	FALSE
0,025	0,312	0,001	0,008	0,035	FALSE
0,022	0,309	0,001	0,011	0,050	FALSE
-0,153	0,302	-0,006	0,012	0,195	FALSE
-0,082	0,305	-0,002	0,010	0,073	FALSE
-0,017	0,314	0,000	0,007	0,012	FALSE
-0,061	0,326	-0,001	0,007	0,058	FALSE
0,031	0,306	0,000	0,013	0,002	FALSE
0,133	0,293	0,005	0,012	0,190	FALSE
0,049	0,317	0,001	0,012	0,042	FALSE
0,046	0,305	0,002	0,008	0,080	FALSE
0,086	0,312	0,003	0,009	0,130	FALSE
0,135	0,306	0,002	0,006	0,150	FALSE
0,235	0,303	0,007	0,009	0,352	FALSE
0,226	0,282	0,007	0,009	0,380	FALSE
-0,020	0,310	-0,001	0,007	0,033	FALSE
0,030	0,293	0,001	0,007	0,053	FALSE
-0,110	0,304	-0,003	0,009	0,117	FALSE
-0,029	0,318	-0,001	0,007	0,049	FALSE
0,022	0,320	0,001	0,012	0,035	FALSE
-0,031	0,295	0,000	0,008	0,009	FALSE
-0,145	0,311	-0,004	0,010	0,184	FALSE
-0,031	0,301	-0,002	0,012	0,050	FALSE
-0,098	0,304	-0,003	0,012	0,084	FALSE
-0,077	0,327	-0,002	0,010	0,085	FALSE
-0,055	0,293	-0,001	0,008	0,048	FALSE
0,055	0,299	0,001	0,008	0,066	FALSE
-0,166	0,300	-0,007	0,012	0,266	FALSE

0,105	0,308	0,004	0,011	0,141	FALSE
0,015	0,305	0,000	0,011	0,015	FALSE
0,027	0,314	0,001	0,007	0,045	FALSE
0,068	0,299	0,002	0,007	0,102	FALSE
0,020	0,292	0,000	0,009	0,004	FALSE
0,025	0,313	0,001	0,013	0,023	FALSE
0,041	0,299	0,002	0,010	0,063	FALSE
-0,057	0,309	-0,002	0,012	0,067	FALSE
-0,015	0,311	-0,001	0,013	0,026	FALSE
0,009	0,320	0,000	0,009	0,014	FALSE
0,004	0,297	0,000	0,012	0,009	FALSE
0,003	0,316	0,000	0,007	0,005	FALSE
0,056	0,304	0,001	0,006	0,087	FALSE
-0,055	0,292	-0,003	0,012	0,085	FALSE
-0,054	0,284	-0,004	0,012	0,111	FALSE
0,031	0,299	0,001	0,007	0,024	FALSE
0,100	0,305	0,004	0,012	0,128	FALSE
0,088	0,309	0,004	0,013	0,124	FALSE
0,034	0,302	0,002	0,011	0,053	FALSE
0,027	0,297	0,001	0,012	0,031	FALSE
0,071	0,299	0,003	0,013	0,093	FALSE
0,063	0,311	0,002	0,007	0,092	FALSE
-0,215	0,308	-0,006	0,008	0,323	FALSE
-0,126	0,297	-0,004	0,010	0,186	FALSE
0,112	0,316	0,004	0,012	0,136	FALSE
-0,049	0,308	-0,002	0,012	0,061	FALSE
0,013	0,299	0,000	0,006	0,011	FALSE
-0,175	0,310	-0,006	0,011	0,234	FALSE
0,097	0,307	0,003	0,012	0,109	FALSE
0,109	0,307	0,003	0,007	0,149	FALSE
0,100	0,307	0,004	0,011	0,130	FALSE
0,066	0,305	0,002	0,009	0,079	FALSE
-0,083	0,315	-0,003	0,010	0,112	FALSE
0,068	0,295	0,002	0,009	0,077	FALSE
-0,024	0,300	-0,001	0,007	0,038	FALSE
-0,116	0,302	-0,003	0,007	0,145	FALSE
0,079	0,298	0,003	0,009	0,109	FALSE
-0,042	0,298	-0,002	0,012	0,045	FALSE
-0,019	0,310	-0,001	0,013	0,015	FALSE
-0,068	0,319	-0,002	0,009	0,098	FALSE
-0,031	0,295	-0,001	0,009	0,055	FALSE
-0,065	0,303	-0,001	0,007	0,057	FALSE
-0,036	0,300	-0,001	0,009	0,040	FALSE
0,176	0,299	0,006	0,011	0,245	FALSE
0,079	0,314	0,002	0,008	0,123	FALSE
-0,133	0,311	-0,005	0,011	0,205	FALSE
-0,072	0,309	-0,003	0,011	0,116	FALSE
-0,071	0,316	-0,003	0,011	0,110	FALSE
-0,068	0,307	-0,003	0,011	0,117	FALSE
0,067	0,322	0,003	0,013	0,080	FALSE
-0,019	0,310	-0,001	0,011	0,023	FALSE
-0,108	0,300	-0,005	0,012	0,157	FALSE
-0,026	0,314	0,000	0,007	0,022	FALSE

0,006	0,322	0,000	0,007	0,013	FALSE
0,046	0,311	0,002	0,012	0,054	FALSE
-0,085	0,313	-0,003	0,011	0,113	FALSE
0,119	0,315	0,004	0,010	0,174	FALSE
-0,190	0,297	-0,006	0,009	0,290	FALSE
-0,023	0,299	0,000	0,009	0,013	FALSE
0,159	0,310	0,006	0,012	0,222	FALSE
0,061	0,305	0,002	0,009	0,066	FALSE
-0,173	0,296	-0,006	0,010	0,261	FALSE
-0,146	0,305	-0,004	0,009	0,188	FALSE
0,037	0,307	0,001	0,010	0,036	FALSE
-0,095	0,293	-0,002	0,007	0,122	FALSE
-0,082	0,330	-0,002	0,008	0,095	FALSE
0,138	0,301	0,006	0,011	0,238	FALSE
0,007	0,322	0,000	0,007	0,011	FALSE
0,024	0,298	0,001	0,007	0,032	FALSE
-0,054	0,300	-0,001	0,008	0,060	FALSE
-0,061	0,303	-0,002	0,012	0,064	FALSE
-0,006	0,292	0,000	0,011	0,009	FALSE
0,027	0,303	0,000	0,010	0,013	FALSE
-0,062	0,311	-0,002	0,010	0,064	FALSE
0,005	0,299	0,000	0,012	0,012	FALSE
0,020	0,307	0,001	0,010	0,027	FALSE
0,014	0,311	0,000	0,011	0,016	FALSE
-0,009	0,298	0,000	0,011	0,007	FALSE
0,034	0,312	0,001	0,009	0,039	FALSE
-0,050	0,307	-0,003	0,010	0,095	FALSE
0,052	0,303	0,002	0,008	0,072	FALSE
0,074	0,300	0,002	0,007	0,103	FALSE
0,094	0,314	0,004	0,012	0,128	FALSE
0,078	0,307	0,003	0,011	0,104	FALSE
0,086	0,306	0,004	0,012	0,129	FALSE
-0,081	0,276	-0,005	0,013	0,149	FALSE
-0,103	0,313	-0,003	0,008	0,165	FALSE
-0,067	0,314	-0,001	0,007	0,070	FALSE
-0,079	0,315	-0,003	0,013	0,073	FALSE
-0,109	0,308	-0,004	0,013	0,116	FALSE
0,020	0,282	0,001	0,010	0,051	FALSE
0,034	0,315	0,001	0,008	0,030	FALSE
-0,074	0,298	-0,002	0,007	0,114	FALSE
0,032	0,308	0,001	0,006	0,037	FALSE
0,052	0,305	0,002	0,008	0,079	FALSE
0,042	0,312	0,001	0,007	0,050	FALSE
0,098	0,305	0,003	0,010	0,100	FALSE
0,137	0,292	0,005	0,010	0,196	FALSE
0,170	0,298	0,004	0,008	0,229	FALSE
0,119	0,293	0,005	0,010	0,187	FALSE
0,098	0,304	0,003	0,008	0,122	FALSE
0,046	0,296	0,001	0,007	0,070	FALSE
0,025	0,298	0,001	0,007	0,054	FALSE
0,074	0,301	0,003	0,010	0,110	FALSE
0,036	0,306	0,001	0,012	0,034	FALSE
-0,056	0,310	-0,002	0,011	0,054	FALSE

-0,015	0,318	-0,001	0,013	0,037	FALSE
0,001	0,323	0,000	0,008	0,003	FALSE
-0,033	0,314	-0,002	0,013	0,059	FALSE
-0,020	0,308	-0,001	0,011	0,030	FALSE
-0,028	0,317	-0,001	0,012	0,021	FALSE
-0,055	0,321	-0,002	0,011	0,071	FALSE
-0,202	0,287	-0,004	0,006	0,316	FALSE
-0,035	0,301	-0,002	0,012	0,052	FALSE
-0,051	0,322	-0,003	0,012	0,083	FALSE
-0,076	0,307	-0,002	0,008	0,079	FALSE
-0,008	0,295	0,000	0,011	0,004	FALSE
-0,015	0,296	-0,001	0,009	0,039	FALSE
0,026	0,307	0,001	0,010	0,039	FALSE
-0,048	0,309	-0,001	0,007	0,072	FALSE
0,081	0,316	0,004	0,012	0,133	FALSE
-0,104	0,288	-0,005	0,013	0,177	FALSE
-0,030	0,300	-0,001	0,006	0,031	FALSE
-0,086	0,307	-0,002	0,007	0,098	FALSE
-0,093	0,310	-0,003	0,010	0,142	FALSE
0,015	0,302	0,001	0,011	0,022	FALSE
-0,029	0,311	-0,002	0,013	0,045	FALSE
-0,012	0,320	0,000	0,011	0,011	FALSE
0,036	0,310	0,001	0,010	0,019	FALSE
-0,045	0,293	-0,001	0,007	0,025	FALSE
-0,027	0,308	-0,002	0,013	0,061	FALSE
-0,062	0,301	-0,001	0,007	0,073	FALSE
0,051	0,305	0,001	0,010	0,034	FALSE
0,063	0,295	0,002	0,007	0,101	FALSE
-0,038	0,315	-0,001	0,008	0,061	FALSE
0,096	0,302	0,003	0,013	0,095	FALSE
-0,041	0,312	-0,001	0,007	0,053	FALSE
-0,042	0,310	-0,001	0,010	0,048	FALSE
0,007	0,303	0,000	0,007	0,006	FALSE
0,076	0,316	0,002	0,008	0,104	FALSE
0,023	0,315	0,000	0,010	0,017	FALSE
-0,095	0,306	-0,002	0,007	0,101	FALSE
0,010	0,302	0,000	0,009	0,019	FALSE
-0,082	0,303	-0,003	0,010	0,132	FALSE
0,089	0,296	0,002	0,009	0,096	FALSE
0,013	0,312	0,000	0,008	0,009	FALSE
0,010	0,304	0,001	0,007	0,031	FALSE
-0,071	0,291	-0,003	0,012	0,099	FALSE
-0,046	0,296	-0,002	0,012	0,069	FALSE
-0,059	0,298	-0,003	0,012	0,092	FALSE
-0,033	0,302	-0,002	0,012	0,056	FALSE
-0,039	0,298	-0,002	0,012	0,060	FALSE
-0,058	0,294	-0,002	0,011	0,082	FALSE
0,031	0,310	0,001	0,008	0,030	FALSE
-0,083	0,298	-0,003	0,011	0,112	FALSE
0,121	0,307	0,004	0,012	0,138	FALSE
0,054	0,320	0,002	0,009	0,071	FALSE
0,009	0,316	0,000	0,007	0,005	FALSE
0,110	0,313	0,003	0,009	0,149	FALSE

0,000	0,310	0,000	0,006	0,003	FALSE
-0,042	0,306	-0,002	0,010	0,064	FALSE
-0,021	0,298	-0,001	0,008	0,037	FALSE
0,021	0,295	0,000	0,007	0,016	FALSE
-0,098	0,310	-0,003	0,007	0,153	FALSE
0,015	0,305	0,000	0,013	0,009	FALSE
-0,091	0,289	-0,002	0,007	0,112	FALSE
-0,129	0,301	-0,003	0,006	0,190	FALSE
-0,051	0,307	-0,003	0,011	0,089	FALSE
0,035	0,305	0,001	0,007	0,057	FALSE
0,184	0,302	0,005	0,009	0,268	FALSE
0,069	0,307	0,003	0,012	0,084	FALSE
-0,038	0,300	-0,001	0,009	0,043	FALSE
-0,052	0,325	-0,001	0,009	0,060	FALSE
0,112	0,305	0,003	0,007	0,164	FALSE
-0,158	0,297	-0,003	0,006	0,215	FALSE
0,033	0,313	0,001	0,007	0,028	FALSE
-0,141	0,299	-0,006	0,012	0,187	FALSE
-0,116	0,304	-0,004	0,011	0,133	FALSE
-0,074	0,296	-0,002	0,011	0,076	FALSE
-0,114	0,307	-0,003	0,011	0,124	FALSE
0,057	0,317	0,002	0,011	0,063	FALSE
0,109	0,303	0,002	0,006	0,149	FALSE
-0,106	0,306	-0,003	0,009	0,130	FALSE
0,012	0,317	0,000	0,007	0,012	FALSE
0,027	0,317	0,001	0,010	0,046	FALSE
0,089	0,311	0,003	0,012	0,092	FALSE
-0,118	0,304	-0,004	0,011	0,169	FALSE
0,127	0,308	0,004	0,013	0,137	FALSE
-0,011	0,315	0,000	0,010	0,017	FALSE
0,060	0,317	0,001	0,007	0,080	FALSE
-0,046	0,300	-0,001	0,013	0,036	FALSE
0,066	0,307	0,001	0,008	0,064	FALSE
-0,114	0,314	-0,003	0,010	0,139	FALSE
0,002	0,294	0,000	0,013	0,012	FALSE
-0,075	0,293	-0,002	0,008	0,108	FALSE
0,107	0,302	0,003	0,006	0,168	FALSE
0,021	0,314	0,000	0,007	0,018	FALSE
-0,042	0,305	-0,001	0,007	0,052	FALSE
-0,134	0,303	-0,005	0,011	0,188	FALSE
-0,077	0,300	-0,002	0,007	0,106	FALSE
0,110	0,303	0,003	0,008	0,157	FALSE
0,121	0,291	0,003	0,007	0,185	FALSE
0,216	0,307	0,008	0,011	0,339	FALSE
0,123	0,303	0,004	0,009	0,166	FALSE
0,072	0,300	0,003	0,009	0,109	FALSE
-0,110	0,323	-0,003	0,008	0,158	FALSE
-0,022	0,301	-0,001	0,012	0,036	FALSE
-0,030	0,295	-0,001	0,011	0,020	FALSE
0,040	0,297	0,001	0,007	0,048	FALSE
-0,006	0,299	0,000	0,009	0,013	FALSE
-0,015	0,297	-0,001	0,012	0,044	FALSE
-0,006	0,294	-0,001	0,012	0,039	FALSE

0,028	0,298	0,002	0,011	0,065	FALSE
0,062	0,304	0,002	0,009	0,076	FALSE
0,036	0,316	0,001	0,013	0,036	FALSE
-0,095	0,311	-0,003	0,010	0,130	FALSE
-0,047	0,296	-0,001	0,006	0,049	FALSE
0,123	0,298	0,004	0,010	0,181	FALSE
-0,128	0,306	-0,003	0,007	0,170	FALSE
0,036	0,317	0,001	0,007	0,037	FALSE
-0,038	0,310	-0,002	0,012	0,047	FALSE
0,145	0,300	0,006	0,011	0,232	FALSE
0,012	0,309	0,000	0,008	0,010	FALSE
0,046	0,310	0,002	0,011	0,062	FALSE
-0,152	0,297	-0,004	0,008	0,214	FALSE
-0,061	0,325	-0,003	0,013	0,079	FALSE
0,056	0,303	0,001	0,011	0,043	FALSE
0,068	0,305	0,001	0,011	0,037	FALSE
0,000	0,309	0,000	0,011	0,001	FALSE
0,094	0,308	0,003	0,009	0,111	FALSE
0,016	0,288	0,001	0,011	0,030	FALSE
-0,086	0,305	-0,002	0,010	0,070	FALSE
-0,102	0,316	-0,003	0,010	0,107	FALSE
-0,083	0,309	-0,003	0,013	0,077	FALSE
0,047	0,306	0,002	0,012	0,051	FALSE
0,021	0,298	0,001	0,011	0,021	FALSE
0,042	0,301	0,001	0,009	0,020	FALSE
0,037	0,301	0,001	0,009	0,040	FALSE
0,036	0,304	0,001	0,008	0,025	FALSE
0,035	0,302	0,001	0,006	0,085	FALSE
-0,029	0,292	-0,001	0,006	0,029	FALSE
0,058	0,294	0,001	0,011	0,046	FALSE
-0,102	0,308	-0,003	0,010	0,126	FALSE
-0,054	0,296	-0,001	0,007	0,042	FALSE
-0,031	0,300	-0,001	0,009	0,022	FALSE
0,045	0,310	0,002	0,013	0,053	FALSE
-0,056	0,309	-0,002	0,009	0,066	FALSE
-0,038	0,296	-0,002	0,013	0,064	FALSE
-0,036	0,300	0,000	0,011	0,015	FALSE
-0,066	0,301	-0,001	0,006	0,088	FALSE
-0,068	0,313	-0,002	0,012	0,065	FALSE
0,072	0,292	0,002	0,010	0,087	FALSE
0,110	0,308	0,004	0,012	0,124	FALSE
0,064	0,310	0,003	0,011	0,101	FALSE
-0,053	0,313	-0,002	0,010	0,085	FALSE
0,090	0,309	0,002	0,009	0,105	FALSE
-0,122	0,281	-0,004	0,012	0,149	FALSE
-0,107	0,320	-0,004	0,014	0,112	FALSE
-0,023	0,328	-0,001	0,008	0,036	FALSE
0,036	0,305	0,001	0,013	0,021	FALSE
0,045	0,314	0,001	0,013	0,035	FALSE
-0,135	0,302	-0,004	0,012	0,141	FALSE
-0,149	0,297	-0,003	0,007	0,183	FALSE
-0,019	0,308	-0,002	0,012	0,059	FALSE
0,021	0,315	0,001	0,009	0,057	FALSE

-0,131	0,309	-0,004	0,008	0,197	FALSE
0,039	0,305	0,001	0,010	0,050	FALSE
-0,188	0,295	-0,006	0,008	0,299	FALSE
-0,192	0,307	-0,005	0,008	0,298	FALSE
0,076	0,312	0,002	0,010	0,087	FALSE
-0,066	0,314	-0,003	0,012	0,079	FALSE
-0,089	0,321	-0,003	0,012	0,096	FALSE
-0,060	0,314	-0,001	0,008	0,057	FALSE
-0,066	0,305	-0,001	0,008	0,064	FALSE
0,031	0,308	0,001	0,012	0,038	FALSE
0,038	0,303	0,002	0,009	0,067	FALSE
0,040	0,311	0,001	0,007	0,048	FALSE
-0,011	0,329	0,000	0,010	0,004	FALSE
-0,001	0,320	0,000	0,010	0,016	FALSE
-0,055	0,311	-0,001	0,012	0,044	FALSE
-0,053	0,311	-0,003	0,012	0,112	FALSE
0,052	0,313	0,002	0,009	0,070	FALSE
-0,038	0,301	-0,002	0,011	0,070	FALSE
-0,093	0,307	-0,002	0,008	0,100	FALSE
-0,147	0,294	-0,006	0,012	0,216	FALSE
0,105	0,308	0,004	0,013	0,126	FALSE
0,006	0,302	0,000	0,008	0,014	FALSE
-0,100	0,314	-0,003	0,009	0,124	FALSE
0,028	0,310	0,001	0,008	0,033	FALSE
0,060	0,306	0,002	0,011	0,081	FALSE
-0,152	0,303	-0,005	0,009	0,235	FALSE
-0,144	0,301	-0,006	0,012	0,211	FALSE
0,058	0,303	0,002	0,007	0,082	FALSE
0,050	0,299	0,001	0,006	0,065	FALSE
0,052	0,295	0,001	0,008	0,053	FALSE
-0,102	0,302	-0,002	0,008	0,116	FALSE
-0,034	0,310	-0,001	0,009	0,045	FALSE
0,116	0,307	0,004	0,011	0,136	FALSE
-0,018	0,303	-0,001	0,007	0,035	FALSE
-0,001	0,309	0,000	0,009	0,016	FALSE
0,067	0,310	0,002	0,007	0,108	FALSE
0,109	0,308	0,003	0,010	0,135	FALSE
-0,011	0,299	-0,001	0,009	0,050	FALSE
-0,059	0,312	-0,003	0,013	0,084	FALSE
-0,054	0,299	-0,001	0,008	0,034	FALSE
0,053	0,305	0,002	0,011	0,071	FALSE
0,047	0,305	0,002	0,012	0,052	FALSE
0,015	0,320	0,001	0,009	0,029	FALSE
0,092	0,288	0,004	0,012	0,135	FALSE
-0,083	0,299	-0,003	0,012	0,090	FALSE
0,009	0,313	0,000	0,011	0,013	FALSE
0,012	0,300	0,000	0,011	0,000	FALSE
-0,124	0,295	-0,005	0,011	0,188	FALSE
-0,031	0,293	-0,001	0,006	0,045	FALSE
-0,009	0,296	0,000	0,008	0,001	FALSE
0,031	0,302	0,002	0,011	0,054	FALSE
0,031	0,309	0,001	0,009	0,045	FALSE
0,054	0,320	0,002	0,010	0,062	FALSE

-0,066	0,295	-0,001	0,011	0,030	FALSE
-0,064	0,295	-0,002	0,011	0,058	FALSE
0,195	0,295	0,004	0,006	0,280	FALSE
-0,079	0,309	-0,002	0,012	0,067	FALSE
0,019	0,313	0,002	0,012	0,054	FALSE
0,095	0,311	0,002	0,009	0,104	FALSE
-0,121	0,309	-0,002	0,007	0,146	TRUE
0,114	0,305	0,005	0,012	0,167	FALSE
-0,056	0,301	-0,002	0,010	0,064	FALSE
0,006	0,303	-0,001	0,012	0,017	FALSE
0,015	0,302	0,000	0,013	0,012	FALSE
-0,086	0,302	-0,003	0,008	0,130	FALSE
-0,001	0,312	0,000	0,012	0,002	FALSE
0,041	0,296	0,001	0,008	0,064	FALSE
0,041	0,309	0,001	0,009	0,061	FALSE
0,126	0,302	0,004	0,008	0,198	FALSE
-0,025	0,309	-0,001	0,010	0,028	FALSE
0,058	0,302	0,002	0,009	0,078	FALSE
0,087	0,308	0,003	0,009	0,109	FALSE
-0,055	0,319	-0,002	0,013	0,058	FALSE
-0,060	0,318	-0,003	0,013	0,081	FALSE
0,003	0,305	0,000	0,008	0,005	FALSE
-0,090	0,305	-0,004	0,012	0,129	FALSE
-0,028	0,309	0,000	0,007	0,001	FALSE
0,137	0,310	0,004	0,009	0,200	FALSE
-0,009	0,300	-0,001	0,013	0,030	FALSE
-0,008	0,290	0,000	0,006	0,023	FALSE
-0,060	0,308	-0,003	0,013	0,078	FALSE
-0,062	0,309	-0,001	0,006	0,079	FALSE
-0,178	0,295	-0,004	0,007	0,242	FALSE
-0,017	0,313	-0,001	0,007	0,046	FALSE
-0,087	0,303	-0,003	0,008	0,118	FALSE
0,007	0,311	0,000	0,007	0,007	FALSE
0,044	0,311	0,001	0,007	0,035	FALSE
-0,023	0,323	-0,001	0,009	0,045	FALSE
-0,084	0,287	-0,003	0,008	0,132	FALSE
0,047	0,289	0,002	0,011	0,060	FALSE
0,030	0,308	0,001	0,011	0,026	FALSE
0,045	0,300	0,001	0,006	0,079	FALSE
-0,051	0,306	-0,001	0,007	0,070	FALSE
-0,012	0,284	-0,001	0,013	0,041	FALSE
-0,018	0,289	-0,001	0,009	0,027	FALSE
-0,039	0,298	-0,001	0,010	0,052	FALSE
-0,039	0,288	-0,001	0,009	0,047	FALSE
-0,028	0,287	-0,001	0,009	0,034	FALSE
-0,087	0,292	-0,002	0,008	0,111	FALSE
-0,066	0,307	-0,002	0,008	0,091	FALSE
-0,051	0,304	-0,002	0,008	0,090	FALSE
-0,002	0,306	0,000	0,008	0,007	FALSE
-0,014	0,309	0,000	0,007	0,016	FALSE
0,064	0,303	0,001	0,006	0,088	FALSE
0,080	0,300	0,003	0,013	0,075	FALSE
-0,133	0,303	-0,004	0,009	0,203	FALSE

-0,064	0,309	-0,002	0,009	0,095	FALSE
-0,060	0,321	-0,002	0,010	0,090	FALSE
0,099	0,316	0,003	0,010	0,136	FALSE
0,075	0,316	0,002	0,007	0,092	FALSE
0,041	0,309	0,001	0,007	0,052	FALSE
0,008	0,322	0,000	0,006	0,015	FALSE
-0,080	0,326	-0,002	0,009	0,077	FALSE
-0,079	0,308	-0,002	0,008	0,090	FALSE
-0,088	0,313	-0,002	0,008	0,089	FALSE
0,128	0,294	0,003	0,007	0,152	FALSE
0,024	0,306	0,001	0,011	0,029	FALSE
0,015	0,310	0,001	0,006	0,038	FALSE
-0,064	0,309	-0,004	0,012	0,127	FALSE
-0,098	0,292	-0,005	0,011	0,195	FALSE
0,052	0,306	0,002	0,012	0,070	FALSE
-0,033	0,296	-0,001	0,009	0,049	FALSE
0,051	0,316	0,001	0,008	0,040	FALSE
0,072	0,292	0,002	0,010	0,077	FALSE
0,055	0,307	0,002	0,012	0,066	FALSE
-0,056	0,296	-0,001	0,007	0,058	FALSE
-0,033	0,293	0,000	0,010	0,001	FALSE
0,029	0,300	0,001	0,008	0,059	FALSE
0,062	0,311	0,003	0,011	0,102	FALSE
0,024	0,302	0,001	0,007	0,061	FALSE
-0,069	0,312	-0,002	0,007	0,104	FALSE
0,038	0,297	0,001	0,008	0,062	FALSE
0,042	0,305	0,001	0,012	0,022	FALSE
0,037	0,297	0,001	0,008	0,051	FALSE
0,043	0,309	0,002	0,012	0,058	FALSE
-0,044	0,315	-0,001	0,008	0,050	FALSE
0,104	0,302	0,004	0,011	0,155	FALSE
-0,016	0,309	0,000	0,007	0,021	FALSE
-0,096	0,301	-0,003	0,011	0,124	FALSE
0,091	0,309	0,002	0,010	0,083	FALSE
0,124	0,309	0,005	0,013	0,152	FALSE
0,086	0,309	0,002	0,007	0,106	FALSE
0,036	0,299	0,001	0,008	0,066	FALSE
-0,017	0,302	-0,001	0,012	0,017	FALSE
0,091	0,291	0,003	0,009	0,127	FALSE
0,090	0,300	0,003	0,009	0,120	FALSE
0,070	0,323	0,002	0,010	0,059	FALSE
-0,004	0,320	0,000	0,007	0,002	FALSE
0,126	0,295	0,003	0,007	0,170	FALSE
-0,084	0,307	-0,002	0,008	0,090	FALSE
-0,099	0,292	-0,002	0,008	0,117	FALSE
0,023	0,309	0,002	0,012	0,049	FALSE
0,089	0,308	0,002	0,007	0,113	FALSE
-0,079	0,309	-0,003	0,008	0,118	FALSE
-0,104	0,303	-0,002	0,009	0,107	FALSE
-0,070	0,296	-0,004	0,011	0,132	FALSE
-0,085	0,308	-0,004	0,012	0,139	FALSE
0,074	0,310	0,003	0,011	0,125	FALSE
0,020	0,311	0,001	0,008	0,045	FALSE

0,061	0,301	0,003	0,012	0,085	FALSE
0,069	0,304	0,002	0,007	0,086	FALSE
0,060	0,305	0,003	0,011	0,090	FALSE
-0,143	0,301	-0,004	0,009	0,206	FALSE
0,003	0,303	0,001	0,008	0,036	FALSE
-0,064	0,311	-0,002	0,012	0,068	FALSE
0,036	0,315	0,002	0,013	0,071	FALSE
-0,004	0,313	0,001	0,013	0,019	FALSE
0,033	0,309	0,001	0,007	0,058	FALSE
0,045	0,304	0,001	0,006	0,062	FALSE
-0,049	0,297	-0,001	0,008	0,066	FALSE
-0,091	0,304	-0,003	0,011	0,093	FALSE
-0,038	0,296	-0,001	0,008	0,060	FALSE
-0,069	0,303	-0,002	0,013	0,065	FALSE
-0,048	0,307	-0,001	0,013	0,040	FALSE
0,029	0,306	0,001	0,011	0,043	FALSE
0,132	0,295	0,004	0,013	0,120	FALSE
-0,054	0,314	-0,001	0,013	0,031	FALSE
-0,045	0,296	-0,001	0,012	0,017	FALSE
-0,051	0,307	-0,001	0,012	0,019	FALSE
-0,064	0,302	-0,001	0,012	0,031	FALSE
-0,073	0,286	-0,002	0,012	0,057	FALSE
0,074	0,296	0,002	0,011	0,053	FALSE
-0,074	0,294	-0,002	0,008	0,088	FALSE
-0,036	0,293	0,000	0,008	0,004	FALSE
-0,016	0,312	0,000	0,008	0,013	FALSE
-0,056	0,310	-0,001	0,007	0,046	FALSE
-0,108	0,310	-0,002	0,006	0,130	FALSE
0,066	0,307	0,003	0,013	0,095	FALSE
0,112	0,303	0,004	0,010	0,161	FALSE
0,120	0,303	0,004	0,009	0,169	FALSE
0,004	0,312	0,000	0,009	0,012	FALSE
-0,117	0,307	-0,003	0,007	0,180	FALSE
0,003	0,298	-0,001	0,010	0,034	FALSE
0,150	0,310	0,004	0,007	0,219	FALSE
-0,068	0,322	-0,002	0,008	0,088	FALSE
0,002	0,319	0,000	0,008	0,019	FALSE
-0,125	0,298	-0,004	0,013	0,133	FALSE
-0,013	0,310	-0,001	0,011	0,030	FALSE
0,036	0,302	0,001	0,007	0,036	FALSE
-0,091	0,305	-0,003	0,009	0,113	FALSE
0,093	0,308	0,004	0,011	0,130	FALSE
0,040	0,311	0,002	0,012	0,058	FALSE
0,084	0,304	0,003	0,012	0,090	FALSE
0,005	0,303	0,000	0,007	0,015	FALSE
0,055	0,304	0,002	0,013	0,060	FALSE
-0,065	0,304	-0,001	0,008	0,067	FALSE
-0,069	0,306	-0,003	0,013	0,087	FALSE
-0,066	0,306	-0,001	0,009	0,056	FALSE
0,039	0,317	0,001	0,009	0,039	FALSE
-0,053	0,319	-0,002	0,010	0,061	FALSE
-0,040	0,295	-0,001	0,009	0,028	FALSE
-0,069	0,317	-0,002	0,009	0,071	FALSE

0,057	0,303	0,002	0,009	0,087	FALSE
0,047	0,298	0,001	0,012	0,026	FALSE
0,104	0,326	0,004	0,013	0,127	FALSE
0,151	0,293	0,005	0,008	0,233	FALSE
0,058	0,313	0,002	0,013	0,060	FALSE
-0,133	0,311	-0,005	0,012	0,170	FALSE
0,070	0,312	0,003	0,011	0,093	FALSE
-0,024	0,326	-0,001	0,009	0,025	FALSE
0,002	0,298	0,000	0,008	0,000	FALSE
-0,016	0,314	0,000	0,007	0,002	FALSE
0,009	0,314	0,000	0,010	0,002	FALSE
-0,015	0,309	-0,001	0,009	0,042	FALSE
0,014	0,310	0,001	0,006	0,043	FALSE
0,091	0,317	0,003	0,008	0,135	FALSE
0,150	0,296	0,004	0,008	0,189	FALSE
0,081	0,313	0,002	0,006	0,092	FALSE
-0,081	0,291	-0,003	0,009	0,127	FALSE
0,081	0,313	0,002	0,009	0,102	FALSE
-0,060	0,307	-0,002	0,011	0,063	FALSE
-0,075	0,300	-0,002	0,011	0,078	FALSE
-0,063	0,306	-0,002	0,011	0,065	FALSE
-0,053	0,306	-0,001	0,011	0,046	FALSE
-0,044	0,282	-0,001	0,008	0,063	FALSE
-0,014	0,311	-0,001	0,013	0,022	FALSE
0,025	0,312	0,001	0,008	0,033	FALSE
0,085	0,305	0,003	0,011	0,117	FALSE
0,016	0,304	0,000	0,009	0,013	FALSE
0,106	0,309	0,003	0,009	0,139	FALSE
-0,030	0,308	-0,001	0,013	0,039	FALSE
-0,007	0,304	0,001	0,010	0,020	FALSE
0,035	0,299	0,002	0,009	0,082	FALSE
0,016	0,303	0,000	0,012	0,012	FALSE
0,016	0,295	0,000	0,011	0,008	FALSE
0,040	0,301	0,001	0,011	0,025	FALSE
-0,009	0,304	0,001	0,012	0,031	FALSE
-0,012	0,310	0,001	0,012	0,027	FALSE
0,057	0,316	0,001	0,012	0,044	FALSE
0,022	0,310	0,002	0,011	0,065	FALSE
-0,005	0,311	0,000	0,009	0,016	FALSE
-0,056	0,307	-0,002	0,011	0,069	FALSE
0,004	0,293	0,001	0,011	0,044	FALSE
-0,041	0,296	-0,001	0,007	0,050	FALSE
0,111	0,304	0,003	0,009	0,149	FALSE
0,054	0,310	0,002	0,012	0,058	FALSE
0,033	0,315	0,001	0,009	0,029	FALSE
0,036	0,318	0,001	0,013	0,039	FALSE
-0,033	0,297	-0,001	0,007	0,028	FALSE
0,029	0,298	0,000	0,008	0,019	FALSE
-0,124	0,304	-0,002	0,007	0,142	FALSE
0,097	0,302	0,003	0,011	0,099	FALSE
0,121	0,289	0,004	0,011	0,145	FALSE
0,007	0,305	0,000	0,007	0,014	FALSE
0,068	0,286	0,002	0,006	0,096	FALSE

-0,044	0,307	-0,001	0,009	0,054	FALSE
-0,027	0,317	-0,001	0,009	0,031	FALSE
-0,019	0,317	-0,001	0,010	0,023	FALSE
-0,019	0,306	0,000	0,013	0,007	FALSE
0,039	0,312	0,001	0,008	0,039	FALSE
-0,084	0,309	-0,002	0,007	0,124	FALSE
-0,044	0,318	-0,001	0,010	0,041	FALSE
0,007	0,304	0,000	0,006	0,010	FALSE
0,129	0,319	0,004	0,010	0,141	FALSE
0,092	0,296	0,004	0,012	0,113	FALSE
0,014	0,316	0,000	0,008	0,006	FALSE
0,173	0,305	0,004	0,007	0,250	FALSE
0,106	0,301	0,004	0,013	0,119	FALSE
-0,032	0,300	-0,001	0,012	0,023	FALSE
-0,156	0,298	-0,005	0,011	0,167	FALSE
-0,066	0,313	-0,002	0,012	0,071	FALSE
0,140	0,305	0,004	0,008	0,206	FALSE
0,124	0,318	0,003	0,008	0,154	FALSE
-0,006	0,294	0,000	0,007	0,015	FALSE
0,082	0,309	0,002	0,007	0,102	FALSE
-0,106	0,313	-0,004	0,012	0,116	FALSE
-0,019	0,314	-0,001	0,009	0,036	FALSE
0,052	0,292	0,002	0,007	0,119	FALSE
-0,152	0,312	-0,004	0,007	0,226	FALSE
0,040	0,320	0,001	0,008	0,041	FALSE
-0,090	0,317	-0,002	0,007	0,105	FALSE
0,026	0,288	0,002	0,012	0,068	FALSE
-0,130	0,287	-0,006	0,011	0,210	FALSE
-0,008	0,318	0,000	0,008	0,002	FALSE
0,133	0,311	0,004	0,009	0,193	FALSE
-0,054	0,316	-0,001	0,007	0,052	FALSE
0,032	0,305	0,002	0,009	0,086	FALSE
0,081	0,312	0,004	0,012	0,120	FALSE
0,004	0,311	0,001	0,007	0,047	FALSE
0,002	0,312	0,001	0,007	0,036	FALSE
-0,048	0,310	-0,002	0,012	0,076	FALSE
-0,071	0,313	-0,003	0,013	0,094	FALSE
-0,066	0,309	-0,002	0,007	0,111	FALSE
0,008	0,304	0,000	0,011	0,005	FALSE
-0,126	0,320	-0,003	0,009	0,145	FALSE
-0,150	0,305	-0,004	0,009	0,188	FALSE
-0,071	0,306	-0,003	0,010	0,114	FALSE
-0,132	0,303	-0,006	0,013	0,196	FALSE
-0,007	0,311	0,000	0,008	0,002	FALSE
-0,029	0,307	-0,001	0,013	0,014	FALSE
-0,035	0,300	-0,001	0,012	0,026	FALSE
-0,036	0,312	-0,001	0,006	0,049	FALSE
-0,085	0,304	-0,004	0,013	0,113	FALSE
0,004	0,305	0,000	0,011	0,015	FALSE
0,003	0,321	0,000	0,009	0,008	FALSE
-0,011	0,319	0,000	0,013	0,004	FALSE
0,045	0,312	0,001	0,008	0,039	FALSE
-0,024	0,309	0,000	0,007	0,024	FALSE

0,013	0,305	0,000	0,012	0,007	FALSE
0,056	0,300	0,002	0,010	0,080	FALSE
0,045	0,308	0,001	0,009	0,064	FALSE
-0,041	0,308	-0,001	0,007	0,028	FALSE
0,037	0,300	0,001	0,010	0,048	FALSE
0,184	0,305	0,004	0,007	0,283	FALSE
0,012	0,290	0,000	0,010	0,004	FALSE
-0,111	0,299	-0,002	0,007	0,130	FALSE
-0,092	0,310	-0,003	0,010	0,099	FALSE
0,006	0,318	0,000	0,009	0,010	FALSE
0,031	0,296	0,001	0,007	0,035	FALSE
-0,107	0,301	-0,004	0,011	0,144	FALSE
0,083	0,287	0,004	0,012	0,146	FALSE
0,079	0,304	0,002	0,007	0,124	FALSE
0,031	0,301	0,001	0,008	0,053	FALSE
0,085	0,327	0,002	0,010	0,096	FALSE
0,014	0,312	0,000	0,008	0,002	FALSE
0,073	0,310	0,002	0,010	0,080	FALSE
0,046	0,326	0,001	0,009	0,052	FALSE
-0,146	0,307	-0,004	0,009	0,212	FALSE
0,002	0,313	0,000	0,009	0,003	FALSE
0,088	0,294	0,004	0,011	0,122	FALSE
-0,078	0,311	-0,003	0,013	0,079	FALSE
0,130	0,298	0,004	0,012	0,148	FALSE
0,016	0,298	0,000	0,009	0,002	FALSE
-0,158	0,311	-0,005	0,009	0,252	FALSE
0,041	0,309	0,001	0,010	0,025	FALSE
0,003	0,314	0,000	0,013	0,004	FALSE
0,010	0,298	0,000	0,007	0,000	FALSE
-0,155	0,294	-0,007	0,012	0,248	FALSE
-0,145	0,300	-0,005	0,009	0,252	FALSE
0,131	0,307	0,005	0,011	0,178	FALSE
-0,169	0,295	-0,007	0,013	0,247	FALSE
-0,175	0,301	-0,005	0,008	0,266	FALSE
-0,052	0,301	-0,001	0,011	0,039	FALSE
-0,054	0,295	-0,001	0,007	0,046	FALSE
0,095	0,309	0,004	0,013	0,110	FALSE
0,053	0,317	0,002	0,012	0,066	FALSE
0,083	0,307	0,003	0,012	0,105	FALSE
0,076	0,303	0,003	0,011	0,096	FALSE
0,073	0,310	0,003	0,011	0,087	FALSE
0,089	0,322	0,003	0,012	0,111	FALSE
0,089	0,314	0,003	0,012	0,109	FALSE
-0,036	0,304	-0,001	0,012	0,042	FALSE
-0,089	0,298	-0,002	0,007	0,111	FALSE
0,049	0,312	0,002	0,007	0,084	FALSE
0,047	0,309	0,001	0,009	0,049	FALSE
0,050	0,302	0,001	0,009	0,049	FALSE
0,085	0,307	0,002	0,006	0,107	FALSE
0,081	0,324	0,002	0,007	0,098	FALSE
-0,051	0,298	-0,001	0,007	0,074	FALSE
-0,006	0,299	0,000	0,009	0,019	FALSE
0,069	0,301	0,003	0,010	0,096	FALSE

0,075	0,306	0,001	0,006	0,078	FALSE
0,029	0,298	0,001	0,009	0,055	FALSE
-0,040	0,302	-0,002	0,009	0,076	FALSE
0,026	0,290	0,001	0,010	0,031	FALSE
-0,004	0,292	-0,001	0,011	0,018	FALSE
-0,082	0,300	-0,002	0,012	0,071	FALSE
-0,025	0,301	0,000	0,009	0,006	FALSE
-0,095	0,318	-0,003	0,011	0,127	FALSE
0,010	0,298	0,001	0,011	0,049	FALSE
-0,009	0,304	-0,001	0,013	0,017	FALSE
-0,038	0,299	-0,002	0,013	0,056	FALSE
-0,106	0,303	-0,005	0,013	0,140	FALSE
-0,036	0,294	-0,002	0,013	0,054	FALSE
-0,037	0,301	-0,002	0,013	0,056	FALSE
0,055	0,297	0,002	0,012	0,068	FALSE
0,063	0,309	0,001	0,008	0,055	FALSE
0,046	0,306	0,001	0,010	0,055	FALSE
0,088	0,308	0,002	0,007	0,125	FALSE
0,071	0,310	0,002	0,010	0,081	FALSE
-0,146	0,313	-0,003	0,007	0,188	FALSE
0,156	0,283	0,006	0,009	0,272	FALSE
0,172	0,296	0,007	0,011	0,292	FALSE
-0,192	0,305	-0,009	0,013	0,319	FALSE
0,107	0,299	0,005	0,011	0,176	FALSE
0,024	0,314	0,000	0,007	0,009	FALSE
0,045	0,292	0,001	0,007	0,031	FALSE
-0,064	0,300	-0,001	0,010	0,045	FALSE
-0,092	0,307	-0,002	0,007	0,082	FALSE
-0,033	0,297	-0,002	0,012	0,049	FALSE
-0,027	0,302	-0,001	0,012	0,039	FALSE
-0,036	0,302	-0,002	0,012	0,059	FALSE
-0,142	0,295	-0,006	0,013	0,205	FALSE
0,036	0,309	0,000	0,013	0,008	FALSE
-0,064	0,326	-0,001	0,012	0,040	FALSE
-0,098	0,305	-0,003	0,007	0,138	FALSE
0,102	0,304	0,003	0,007	0,162	FALSE
0,046	0,306	0,001	0,012	0,042	FALSE
0,035	0,309	0,001	0,013	0,030	FALSE
0,063	0,307	0,001	0,007	0,064	FALSE
-0,012	0,305	0,000	0,012	0,009	FALSE
0,050	0,307	0,002	0,011	0,081	FALSE
-0,049	0,319	-0,001	0,011	0,046	FALSE
0,103	0,296	0,004	0,012	0,128	FALSE
0,056	0,301	0,001	0,008	0,041	FALSE
-0,102	0,299	-0,004	0,012	0,127	FALSE
0,046	0,311	0,002	0,011	0,050	FALSE
0,038	0,316	0,001	0,012	0,036	FALSE
0,003	0,309	0,000	0,012	0,004	FALSE
0,011	0,316	0,000	0,011	0,012	FALSE
-0,140	0,299	-0,004	0,009	0,174	FALSE
0,076	0,307	0,002	0,012	0,075	FALSE
0,068	0,298	0,002	0,009	0,076	FALSE
0,046	0,300	0,001	0,009	0,054	FALSE

-0,040	0,306	-0,001	0,013	0,024	FALSE
-0,054	0,307	-0,001	0,011	0,042	FALSE
-0,002	0,304	0,000	0,009	0,007	FALSE
-0,105	0,311	-0,003	0,008	0,142	FALSE
0,012	0,312	0,000	0,011	0,014	FALSE
-0,016	0,308	0,000	0,012	0,002	FALSE
0,070	0,307	0,003	0,012	0,107	FALSE
0,026	0,306	0,001	0,008	0,063	FALSE
-0,013	0,308	-0,002	0,013	0,064	FALSE
-0,055	0,285	-0,003	0,010	0,103	FALSE
0,009	0,319	0,000	0,007	0,003	FALSE
0,000	0,304	0,000	0,006	0,004	FALSE
0,135	0,314	0,006	0,013	0,178	FALSE
-0,176	0,294	-0,004	0,007	0,254	FALSE
0,068	0,305	0,002	0,013	0,074	FALSE
0,048	0,322	0,002	0,013	0,058	FALSE
0,204	0,285	0,007	0,011	0,277	FALSE
-0,126	0,292	-0,004	0,009	0,166	FALSE
0,038	0,309	0,001	0,007	0,040	FALSE
0,108	0,284	0,003	0,011	0,090	FALSE
-0,095	0,298	-0,002	0,006	0,134	FALSE
0,014	0,318	0,000	0,007	0,020	FALSE
0,048	0,316	0,002	0,013	0,044	FALSE
-0,027	0,311	-0,001	0,010	0,036	FALSE
0,053	0,313	0,002	0,007	0,085	FALSE
-0,014	0,314	0,000	0,007	0,017	FALSE
-0,103	0,310	-0,003	0,011	0,122	FALSE
0,025	0,306	0,000	0,007	0,006	FALSE
0,158	0,308	0,004	0,009	0,189	FALSE
0,005	0,319	0,000	0,008	0,006	FALSE
-0,128	0,313	-0,005	0,012	0,161	FALSE
-0,022	0,316	0,000	0,008	0,018	FALSE
0,022	0,312	0,000	0,007	0,011	FALSE
0,143	0,319	0,005	0,011	0,191	FALSE
0,019	0,307	0,000	0,007	0,016	FALSE
-0,005	0,307	0,000	0,006	0,009	FALSE
-0,071	0,323	-0,001	0,008	0,069	FALSE
-0,064	0,314	-0,001	0,008	0,067	FALSE
0,033	0,301	0,001	0,007	0,031	FALSE
-0,123	0,306	-0,004	0,009	0,164	FALSE
0,006	0,311	0,000	0,012	0,013	FALSE
0,061	0,307	0,002	0,012	0,054	FALSE
-0,189	0,304	-0,005	0,008	0,271	FALSE
0,056	0,318	0,001	0,008	0,049	FALSE
0,117	0,312	0,004	0,013	0,123	FALSE
0,100	0,312	0,003	0,013	0,104	FALSE
0,106	0,310	0,004	0,013	0,111	FALSE
-0,010	0,306	0,000	0,013	0,012	FALSE
0,027	0,308	0,000	0,006	0,027	FALSE
-0,010	0,307	-0,001	0,013	0,025	FALSE
-0,122	0,312	-0,004	0,009	0,185	FALSE
0,126	0,307	0,006	0,013	0,173	FALSE
0,076	0,312	0,002	0,010	0,061	FALSE

-0,052	0,314	-0,001	0,007	0,073	FALSE
-0,024	0,299	0,000	0,009	0,019	FALSE
-0,010	0,304	-0,001	0,007	0,037	FALSE
-0,124	0,285	-0,003	0,007	0,193	FALSE
0,061	0,306	0,002	0,007	0,093	FALSE
0,014	0,298	0,000	0,008	0,018	FALSE
0,020	0,315	0,001	0,011	0,027	FALSE
0,012	0,302	0,000	0,011	0,011	FALSE
0,041	0,315	0,001	0,011	0,042	FALSE
0,017	0,298	0,001	0,007	0,048	FALSE
0,032	0,291	0,001	0,007	0,074	FALSE
-0,033	0,324	-0,001	0,011	0,041	FALSE
-0,005	0,317	0,000	0,010	0,012	FALSE
0,021	0,307	0,000	0,007	0,015	FALSE
-0,050	0,304	-0,002	0,012	0,068	FALSE
0,004	0,310	0,000	0,010	0,012	FALSE
0,150	0,302	0,006	0,012	0,228	FALSE
0,012	0,308	0,001	0,009	0,027	FALSE
0,087	0,309	0,002	0,008	0,092	FALSE
-0,070	0,306	-0,003	0,011	0,105	FALSE
-0,124	0,301	-0,004	0,009	0,184	FALSE
0,094	0,313	0,002	0,008	0,104	FALSE
0,092	0,319	0,004	0,010	0,140	FALSE
0,066	0,309	0,002	0,007	0,090	FALSE
-0,153	0,295	-0,004	0,007	0,236	FALSE
0,100	0,295	0,004	0,012	0,131	FALSE
-0,028	0,306	0,000	0,008	0,014	FALSE
-0,036	0,305	0,000	0,006	0,026	FALSE
-0,105	0,305	-0,003	0,009	0,121	FALSE
-0,105	0,303	-0,003	0,008	0,128	FALSE
-0,002	0,297	0,000	0,012	0,013	FALSE
-0,009	0,314	0,000	0,011	0,012	FALSE
0,013	0,307	0,000	0,007	0,021	FALSE
0,088	0,304	0,003	0,007	0,144	FALSE
-0,117	0,318	-0,004	0,008	0,175	FALSE
-0,185	0,300	-0,004	0,008	0,251	FALSE
0,046	0,310	0,001	0,007	0,061	FALSE
-0,031	0,310	-0,002	0,012	0,075	FALSE
-0,002	0,321	0,001	0,007	0,031	FALSE
0,001	0,318	0,000	0,006	0,024	FALSE
-0,120	0,308	-0,003	0,007	0,146	FALSE
-0,029	0,321	-0,001	0,012	0,028	FALSE
0,048	0,303	0,001	0,007	0,052	FALSE
0,095	0,293	0,004	0,011	0,125	FALSE
-0,061	0,298	-0,001	0,007	0,063	FALSE
-0,030	0,295	0,000	0,007	0,012	FALSE
-0,012	0,302	0,000	0,007	0,011	FALSE
-0,132	0,314	-0,004	0,009	0,178	FALSE
0,020	0,313	0,002	0,012	0,055	FALSE
0,087	0,301	0,003	0,010	0,113	FALSE
0,055	0,296	0,002	0,010	0,070	FALSE
-0,032	0,309	0,000	0,007	0,010	FALSE
-0,101	0,296	-0,003	0,008	0,150	FALSE

0,104	0,313	0,003	0,007	0,180	FALSE
-0,080	0,306	-0,003	0,009	0,113	FALSE
0,095	0,311	0,003	0,007	0,157	FALSE
0,072	0,318	0,003	0,012	0,095	FALSE
0,005	0,313	0,001	0,011	0,024	FALSE
-0,039	0,321	-0,001	0,009	0,045	FALSE
0,019	0,308	0,001	0,011	0,030	FALSE
0,012	0,305	0,001	0,009	0,028	FALSE
-0,011	0,302	-0,001	0,007	0,031	FALSE
-0,068	0,309	-0,001	0,007	0,049	FALSE
0,081	0,328	0,002	0,009	0,101	FALSE
-0,076	0,312	-0,002	0,008	0,088	FALSE
-0,153	0,303	-0,006	0,013	0,196	FALSE
-0,200	0,303	-0,008	0,012	0,279	FALSE
0,205	0,296	0,007	0,010	0,311	FALSE
-0,060	0,303	-0,001	0,011	0,045	FALSE
0,021	0,300	0,001	0,011	0,039	FALSE
-0,034	0,302	0,000	0,007	0,025	FALSE
0,059	0,308	0,001	0,010	0,049	FALSE
-0,023	0,304	0,000	0,007	0,001	FALSE
0,078	0,305	0,002	0,010	0,074	FALSE
-0,111	0,307	-0,004	0,013	0,140	FALSE
-0,008	0,303	0,000	0,007	0,007	FALSE
0,081	0,300	0,001	0,007	0,071	FALSE
0,091	0,299	0,003	0,008	0,140	FALSE
-0,068	0,304	-0,004	0,012	0,126	FALSE
0,065	0,296	0,003	0,012	0,091	FALSE
0,020	0,297	0,001	0,008	0,022	FALSE
0,081	0,310	0,002	0,007	0,104	FALSE
0,048	0,303	0,002	0,008	0,078	FALSE
0,027	0,311	0,001	0,009	0,030	FALSE
0,016	0,310	0,001	0,010	0,034	FALSE
0,069	0,298	0,002	0,007	0,100	FALSE
-0,039	0,270	-0,002	0,011	0,065	FALSE
-0,071	0,280	-0,004	0,012	0,114	FALSE
-0,087	0,288	-0,003	0,009	0,118	FALSE
-0,060	0,301	-0,002	0,009	0,092	FALSE
0,038	0,286	0,003	0,012	0,083	FALSE
0,045	0,300	0,002	0,009	0,068	FALSE
0,004	0,304	0,000	0,012	0,004	FALSE
0,111	0,304	0,003	0,006	0,181	FALSE
0,004	0,308	0,001	0,013	0,029	FALSE
-0,007	0,316	0,001	0,013	0,017	FALSE
-0,087	0,295	-0,003	0,010	0,097	FALSE
0,032	0,310	0,001	0,013	0,041	FALSE
0,017	0,297	0,001	0,007	0,032	FALSE
-0,044	0,316	-0,001	0,011	0,044	FALSE
0,035	0,317	0,001	0,009	0,048	FALSE
0,015	0,309	0,000	0,008	0,001	FALSE
0,084	0,317	0,002	0,007	0,091	FALSE
0,118	0,321	0,003	0,009	0,142	FALSE
0,009	0,307	0,000	0,007	0,007	FALSE
0,058	0,308	0,001	0,009	0,052	FALSE

0,152	0,313	0,004	0,009	0,180	FALSE
0,009	0,326	0,001	0,009	0,021	FALSE
-0,173	0,301	-0,004	0,008	0,246	FALSE
0,098	0,308	0,004	0,010	0,149	FALSE
-0,007	0,305	0,000	0,007	0,002	FALSE
0,143	0,294	0,005	0,010	0,218	FALSE
-0,005	0,309	0,000	0,012	0,006	FALSE
-0,084	0,304	-0,003	0,011	0,112	FALSE
0,056	0,292	0,002	0,009	0,079	FALSE
0,030	0,307	0,001	0,008	0,027	FALSE
0,109	0,304	0,004	0,010	0,151	FALSE
-0,089	0,316	-0,004	0,013	0,122	FALSE
0,073	0,300	0,003	0,012	0,091	FALSE
-0,160	0,316	-0,007	0,012	0,248	FALSE
-0,028	0,305	-0,001	0,012	0,039	FALSE
-0,149	0,306	-0,006	0,011	0,249	FALSE
0,075	0,312	0,004	0,012	0,121	FALSE
0,025	0,312	0,001	0,012	0,031	FALSE
0,075	0,304	0,002	0,008	0,081	FALSE
-0,097	0,294	-0,004	0,011	0,159	FALSE
-0,110	0,299	-0,005	0,011	0,179	FALSE
0,000	0,301	0,000	0,008	0,001	FALSE
-0,070	0,310	-0,002	0,012	0,063	FALSE
0,110	0,307	0,004	0,012	0,119	FALSE
0,120	0,297	0,004	0,012	0,135	FALSE
-0,076	0,311	-0,002	0,009	0,097	FALSE
0,084	0,323	0,003	0,013	0,076	FALSE
-0,084	0,304	-0,003	0,012	0,083	FALSE
-0,066	0,308	-0,002	0,012	0,053	FALSE
-0,019	0,311	-0,001	0,008	0,043	FALSE
-0,075	0,302	-0,003	0,012	0,095	FALSE
0,062	0,321	0,003	0,011	0,087	FALSE
-0,011	0,321	-0,001	0,013	0,021	FALSE
0,052	0,303	0,001	0,007	0,060	FALSE
0,049	0,288	0,003	0,011	0,095	FALSE
0,005	0,310	0,001	0,013	0,029	FALSE
0,106	0,301	0,003	0,007	0,161	FALSE
-0,078	0,320	-0,002	0,007	0,084	FALSE
0,056	0,305	0,001	0,007	0,050	FALSE
0,115	0,310	0,004	0,008	0,181	FALSE
-0,083	0,321	-0,001	0,008	0,069	FALSE
0,045	0,300	0,001	0,011	0,034	FALSE
0,019	0,311	0,001	0,007	0,031	FALSE
0,037	0,314	0,001	0,007	0,048	FALSE
-0,036	0,307	-0,001	0,012	0,041	FALSE
-0,088	0,293	-0,003	0,012	0,103	FALSE
-0,065	0,315	-0,002	0,013	0,070	FALSE
-0,104	0,301	-0,004	0,012	0,130	FALSE
0,028	0,303	0,001	0,012	0,030	FALSE
0,061	0,312	0,002	0,013	0,066	FALSE
0,026	0,312	0,001	0,013	0,029	FALSE
-0,100	0,304	-0,003	0,009	0,136	FALSE
0,041	0,310	0,001	0,008	0,040	FALSE

-0,119	0,305	-0,003	0,009	0,152	FALSE
0,067	0,316	0,002	0,011	0,071	FALSE
0,113	0,303	0,003	0,007	0,149	FALSE
0,017	0,300	0,001	0,008	0,051	FALSE
-0,130	0,303	-0,004	0,012	0,150	FALSE
0,116	0,303	0,004	0,009	0,156	FALSE
-0,026	0,314	-0,001	0,007	0,039	FALSE
-0,086	0,305	-0,002	0,009	0,102	FALSE
-0,010	0,316	0,000	0,009	0,003	FALSE
0,186	0,305	0,005	0,009	0,261	FALSE
0,198	0,295	0,005	0,008	0,285	FALSE
0,058	0,305	0,001	0,007	0,060	FALSE
0,048	0,302	0,001	0,013	0,038	FALSE
0,042	0,296	0,001	0,011	0,023	FALSE
0,037	0,302	0,000	0,012	0,010	FALSE
-0,099	0,312	-0,003	0,010	0,122	FALSE
0,008	0,303	0,001	0,013	0,018	FALSE
-0,022	0,322	-0,001	0,013	0,027	FALSE
-0,034	0,298	-0,001	0,012	0,025	FALSE
0,135	0,298	0,004	0,010	0,178	FALSE
0,119	0,296	0,004	0,010	0,171	FALSE
0,151	0,312	0,005	0,010	0,208	FALSE
0,121	0,301	0,004	0,010	0,175	FALSE
0,080	0,318	0,003	0,011	0,105	FALSE
-0,054	0,312	-0,002	0,012	0,050	FALSE
0,065	0,295	0,003	0,012	0,103	FALSE
0,018	0,327	0,000	0,011	0,014	FALSE
0,055	0,308	0,002	0,012	0,065	FALSE
-0,161	0,311	-0,003	0,007	0,213	FALSE
-0,090	0,305	-0,003	0,008	0,125	FALSE
-0,148	0,299	-0,003	0,006	0,202	FALSE
0,001	0,312	0,000	0,007	0,003	FALSE
0,054	0,316	0,002	0,012	0,074	FALSE
0,072	0,322	0,003	0,012	0,094	FALSE
0,053	0,309	0,002	0,012	0,075	FALSE
0,120	0,306	0,003	0,008	0,132	FALSE
0,105	0,320	0,003	0,009	0,123	FALSE
0,008	0,295	0,000	0,007	0,000	FALSE
0,001	0,307	0,000	0,008	0,010	FALSE
0,098	0,293	0,003	0,011	0,114	FALSE
-0,064	0,311	-0,004	0,013	0,137	FALSE
-0,083	0,310	-0,005	0,013	0,141	FALSE
-0,118	0,301	-0,004	0,009	0,164	FALSE
0,097	0,326	0,002	0,010	0,088	FALSE
-0,030	0,304	-0,001	0,008	0,046	FALSE
-0,004	0,322	0,000	0,010	0,006	FALSE
0,016	0,299	0,000	0,010	0,002	FALSE
0,026	0,317	0,001	0,011	0,026	FALSE
0,096	0,305	0,002	0,006	0,088	FALSE
0,004	0,309	0,001	0,013	0,017	FALSE
0,053	0,306	0,002	0,009	0,070	FALSE
0,057	0,303	0,002	0,011	0,078	FALSE
0,035	0,315	0,001	0,010	0,021	FALSE

-0,045	0,300	-0,003	0,012	0,082	FALSE
0,111	0,304	0,004	0,010	0,150	FALSE
0,001	0,302	0,000	0,010	0,001	FALSE
0,011	0,325	0,000	0,008	0,009	FALSE
-0,015	0,306	-0,001	0,010	0,019	FALSE
-0,086	0,312	-0,003	0,010	0,110	FALSE
0,066	0,298	0,002	0,011	0,073	FALSE
0,040	0,329	0,000	0,007	0,026	FALSE
-0,105	0,293	-0,003	0,007	0,155	FALSE
-0,084	0,307	-0,003	0,012	0,102	FALSE
-0,044	0,312	-0,002	0,009	0,076	FALSE
-0,040	0,307	-0,002	0,009	0,065	FALSE
-0,158	0,310	-0,005	0,009	0,230	FALSE
0,129	0,301	0,003	0,007	0,179	FALSE
0,063	0,312	0,002	0,007	0,079	FALSE
0,005	0,299	0,000	0,008	0,020	FALSE
-0,031	0,298	-0,001	0,008	0,044	FALSE
0,003	0,307	0,000	0,006	0,009	FALSE
-0,031	0,297	-0,001	0,007	0,047	FALSE
-0,006	0,298	0,000	0,009	0,008	FALSE
0,003	0,313	0,000	0,010	0,014	FALSE
0,023	0,299	0,002	0,009	0,064	FALSE
0,069	0,303	0,003	0,008	0,131	FALSE
-0,072	0,300	-0,003	0,012	0,109	FALSE
-0,116	0,299	-0,005	0,012	0,164	FALSE
-0,106	0,310	-0,002	0,007	0,119	FALSE
-0,059	0,304	-0,001	0,007	0,053	FALSE
-0,067	0,323	-0,003	0,012	0,091	FALSE
0,086	0,318	0,004	0,013	0,129	FALSE
-0,006	0,310	0,000	0,011	0,002	FALSE
0,000	0,300	0,000	0,012	0,014	FALSE
0,052	0,311	0,002	0,012	0,054	FALSE
0,211	0,301	0,005	0,007	0,303	FALSE
0,023	0,309	0,001	0,009	0,032	FALSE
0,064	0,318	0,002	0,009	0,098	FALSE
-0,042	0,294	-0,002	0,010	0,057	FALSE
0,078	0,312	0,002	0,008	0,105	FALSE
0,079	0,305	0,003	0,012	0,096	FALSE
-0,003	0,313	0,001	0,013	0,015	FALSE
0,011	0,306	0,000	0,006	0,001	FALSE
0,113	0,308	0,005	0,013	0,140	FALSE
0,058	0,310	0,001	0,006	0,045	FALSE
-0,010	0,299	0,000	0,009	0,009	FALSE
0,024	0,309	0,001	0,012	0,031	FALSE
-0,003	0,306	0,000	0,006	0,009	FALSE
-0,056	0,300	-0,003	0,009	0,112	FALSE
0,138	0,302	0,003	0,007	0,156	FALSE
-0,052	0,308	-0,001	0,009	0,056	FALSE
-0,052	0,314	-0,003	0,013	0,075	FALSE
0,020	0,310	0,000	0,006	0,014	FALSE
-0,005	0,308	0,000	0,007	0,004	FALSE
-0,057	0,302	-0,002	0,009	0,066	FALSE
0,016	0,302	0,001	0,009	0,032	FALSE

0,080	0,294	0,002	0,007	0,104	FALSE
-0,064	0,313	-0,002	0,010	0,081	FALSE
-0,013	0,315	0,000	0,013	0,013	FALSE
-0,011	0,309	0,000	0,009	0,007	FALSE
0,058	0,314	0,003	0,012	0,098	FALSE
0,209	0,309	0,006	0,009	0,307	FALSE
-0,163	0,302	-0,004	0,007	0,238	FALSE
0,019	0,316	0,000	0,007	0,015	FALSE
-0,092	0,313	-0,002	0,010	0,087	FALSE
-0,097	0,298	-0,002	0,006	0,094	FALSE
-0,038	0,307	-0,001	0,011	0,023	FALSE
0,051	0,304	0,002	0,013	0,067	FALSE
-0,167	0,308	-0,004	0,007	0,249	FALSE
-0,203	0,291	-0,005	0,007	0,335	FALSE
0,186	0,308	0,004	0,007	0,246	FALSE
-0,041	0,314	-0,001	0,007	0,046	FALSE
0,008	0,316	0,000	0,007	0,001	FALSE
0,020	0,310	0,000	0,007	0,010	FALSE
0,104	0,319	0,004	0,011	0,127	FALSE
0,054	0,302	0,001	0,006	0,080	FALSE
0,013	0,308	0,001	0,010	0,037	FALSE
-0,002	0,316	0,000	0,010	0,004	FALSE
0,010	0,307	0,001	0,010	0,024	FALSE
-0,110	0,310	-0,003	0,007	0,136	FALSE
0,139	0,307	0,004	0,010	0,185	FALSE
-0,038	0,297	-0,001	0,006	0,064	FALSE
-0,017	0,318	-0,001	0,009	0,021	FALSE
0,039	0,304	0,001	0,011	0,032	FALSE
0,049	0,304	0,002	0,011	0,068	FALSE
0,183	0,311	0,004	0,007	0,235	FALSE
0,034	0,303	0,001	0,008	0,038	FALSE
0,036	0,307	0,001	0,008	0,037	FALSE
0,105	0,309	0,003	0,008	0,143	FALSE
-0,039	0,286	-0,001	0,007	0,024	FALSE
0,180	0,304	0,004	0,008	0,228	FALSE
0,158	0,310	0,004	0,008	0,203	FALSE
0,027	0,306	0,002	0,011	0,050	FALSE
0,085	0,304	0,002	0,007	0,125	FALSE
-0,029	0,300	-0,002	0,012	0,062	FALSE
-0,035	0,310	-0,001	0,012	0,039	FALSE
0,054	0,300	0,002	0,013	0,052	FALSE
-0,003	0,306	0,001	0,011	0,023	FALSE
-0,008	0,300	0,000	0,007	0,003	FALSE
-0,112	0,307	-0,004	0,010	0,177	FALSE
-0,064	0,317	-0,003	0,013	0,076	FALSE
-0,023	0,298	-0,001	0,012	0,026	FALSE
-0,094	0,307	-0,004	0,012	0,127	FALSE
0,031	0,307	0,001	0,008	0,040	FALSE
0,050	0,315	0,002	0,012	0,067	FALSE
0,042	0,318	0,002	0,012	0,064	FALSE
0,011	0,304	0,001	0,011	0,035	FALSE
-0,004	0,319	0,001	0,012	0,023	FALSE
-0,005	0,319	0,000	0,011	0,002	FALSE

0,004	0,315	0,000	0,011	0,015	FALSE
0,026	0,317	0,000	0,007	0,019	FALSE
0,045	0,308	0,002	0,013	0,058	FALSE
0,059	0,313	0,002	0,009	0,101	FALSE
-0,001	0,305	0,000	0,006	0,014	FALSE
-0,012	0,302	-0,001	0,011	0,037	FALSE
-0,040	0,308	-0,001	0,010	0,031	FALSE
0,022	0,313	0,001	0,009	0,029	FALSE
-0,043	0,313	-0,001	0,009	0,026	FALSE
0,116	0,308	0,003	0,006	0,156	FALSE
0,043	0,327	0,002	0,009	0,062	FALSE
0,054	0,314	0,002	0,008	0,071	FALSE
0,062	0,311	0,003	0,011	0,092	FALSE
0,113	0,308	0,004	0,009	0,174	FALSE
0,044	0,296	0,002	0,013	0,067	FALSE
0,112	0,317	0,004	0,010	0,166	FALSE
-0,131	0,321	-0,005	0,013	0,159	FALSE
0,100	0,305	0,003	0,008	0,147	FALSE
0,017	0,314	0,000	0,008	0,002	FALSE
-0,068	0,313	-0,003	0,013	0,076	FALSE
0,067	0,308	0,002	0,010	0,061	FALSE
0,071	0,318	0,002	0,007	0,100	FALSE
0,129	0,302	0,005	0,012	0,160	FALSE
0,074	0,316	0,002	0,008	0,092	FALSE
0,087	0,306	0,002	0,007	0,107	FALSE
0,075	0,302	0,002	0,007	0,100	FALSE
-0,107	0,306	-0,005	0,013	0,158	FALSE
-0,054	0,316	-0,002	0,009	0,063	FALSE
-0,007	0,312	0,000	0,006	0,003	FALSE
0,086	0,305	0,003	0,010	0,118	FALSE
-0,103	0,305	-0,002	0,008	0,114	FALSE
-0,083	0,312	-0,002	0,009	0,099	FALSE
-0,079	0,303	-0,002	0,009	0,093	FALSE
0,033	0,317	0,001	0,008	0,058	FALSE
0,097	0,311	0,002	0,008	0,111	FALSE
-0,077	0,307	-0,003	0,011	0,117	FALSE
0,022	0,319	0,000	0,008	0,022	FALSE
0,096	0,313	0,004	0,012	0,140	FALSE
-0,004	0,306	0,000	0,010	0,015	FALSE
-0,032	0,315	0,000	0,007	0,018	FALSE
-0,034	0,292	-0,002	0,010	0,072	FALSE
0,163	0,307	0,006	0,010	0,241	FALSE
0,249	0,294	0,011	0,011	0,448	FALSE
-0,189	0,292	-0,006	0,008	0,321	FALSE
0,217	0,291	0,009	0,012	0,369	FALSE
-0,059	0,311	-0,002	0,012	0,055	FALSE
-0,020	0,317	-0,001	0,010	0,045	FALSE
0,005	0,325	0,000	0,011	0,009	FALSE
0,035	0,310	0,002	0,010	0,060	FALSE
0,004	0,313	0,001	0,009	0,024	FALSE
0,054	0,322	0,002	0,009	0,087	FALSE
0,028	0,302	0,001	0,007	0,046	FALSE
0,020	0,311	0,000	0,012	0,005	FALSE

0,072	0,307	0,002	0,008	0,107	FALSE
-0,003	0,314	0,000	0,012	0,004	FALSE
0,035	0,313	0,001	0,009	0,037	FALSE
-0,105	0,292	-0,002	0,008	0,120	FALSE
-0,094	0,297	-0,004	0,010	0,161	FALSE
0,043	0,331	0,001	0,008	0,042	FALSE
-0,082	0,320	-0,001	0,008	0,071	FALSE
0,079	0,305	0,002	0,009	0,102	FALSE
-0,043	0,306	-0,001	0,007	0,056	FALSE
-0,039	0,312	-0,001	0,009	0,050	FALSE
0,116	0,301	0,003	0,007	0,146	FALSE
-0,147	0,312	-0,005	0,013	0,163	FALSE
-0,081	0,312	-0,003	0,010	0,097	FALSE
-0,041	0,313	-0,002	0,013	0,057	FALSE
-0,073	0,317	-0,002	0,009	0,089	FALSE
-0,011	0,299	0,000	0,007	0,007	FALSE
0,005	0,301	0,000	0,007	0,012	FALSE
-0,011	0,311	0,000	0,007	0,020	FALSE
0,040	0,306	0,000	0,007	0,026	FALSE
-0,040	0,296	-0,001	0,008	0,042	FALSE
-0,026	0,300	-0,001	0,010	0,053	FALSE
0,008	0,314	0,000	0,007	0,015	FALSE
-0,036	0,306	-0,001	0,008	0,037	FALSE
0,002	0,315	0,000	0,008	0,004	FALSE
-0,086	0,300	-0,002	0,007	0,119	FALSE
0,017	0,320	0,001	0,012	0,020	FALSE
-0,011	0,309	0,000	0,009	0,000	FALSE
0,062	0,316	0,003	0,012	0,081	FALSE
0,034	0,303	0,001	0,012	0,024	FALSE
0,051	0,309	0,002	0,012	0,079	FALSE
0,059	0,296	0,003	0,011	0,091	FALSE
0,098	0,299	0,004	0,011	0,129	FALSE
0,144	0,303	0,003	0,006	0,204	FALSE
0,083	0,305	0,004	0,012	0,124	FALSE
0,066	0,297	0,002	0,009	0,086	FALSE
-0,024	0,305	0,000	0,007	0,025	FALSE
0,057	0,303	0,002	0,007	0,086	FALSE
-0,016	0,300	0,000	0,012	0,001	FALSE
-0,020	0,310	-0,001	0,009	0,045	FALSE
0,017	0,302	0,001	0,012	0,039	FALSE
0,013	0,303	0,001	0,012	0,025	FALSE
0,128	0,305	0,003	0,008	0,175	FALSE
-0,126	0,295	-0,004	0,009	0,151	FALSE
0,016	0,305	0,000	0,011	0,001	FALSE
0,076	0,304	0,002	0,007	0,082	FALSE
-0,097	0,309	-0,002	0,006	0,145	FALSE
-0,032	0,309	-0,001	0,008	0,025	FALSE
0,078	0,316	0,004	0,013	0,133	FALSE
-0,007	0,316	0,000	0,008	0,007	FALSE
0,042	0,305	0,001	0,007	0,046	FALSE
0,145	0,285	0,005	0,009	0,216	FALSE
0,156	0,295	0,005	0,009	0,214	FALSE
-0,143	0,297	-0,004	0,008	0,226	FALSE

-0,140	0,312	-0,004	0,009	0,194	FALSE
0,057	0,316	0,003	0,012	0,082	FALSE
0,129	0,293	0,003	0,008	0,157	FALSE
-0,060	0,295	-0,002	0,013	0,053	FALSE
0,041	0,308	0,002	0,012	0,078	FALSE
0,014	0,296	0,001	0,011	0,042	FALSE
-0,030	0,308	-0,001	0,008	0,056	FALSE
0,071	0,314	0,003	0,012	0,107	FALSE
-0,079	0,300	-0,002	0,011	0,078	FALSE
-0,024	0,314	-0,001	0,013	0,039	FALSE
-0,051	0,318	-0,001	0,009	0,053	FALSE
0,023	0,307	0,001	0,008	0,027	FALSE
-0,035	0,295	-0,001	0,009	0,033	FALSE
-0,083	0,290	-0,002	0,009	0,097	FALSE
0,094	0,305	0,003	0,010	0,098	FALSE
-0,012	0,290	0,000	0,010	0,009	FALSE
0,054	0,301	0,002	0,009	0,074	FALSE
0,047	0,316	0,002	0,009	0,065	FALSE
-0,047	0,317	-0,001	0,010	0,044	FALSE
-0,036	0,315	-0,001	0,007	0,055	FALSE
-0,026	0,305	-0,001	0,008	0,041	FALSE
-0,132	0,293	-0,004	0,009	0,170	FALSE
0,132	0,308	0,004	0,008	0,182	FALSE
0,128	0,308	0,003	0,008	0,136	FALSE
0,121	0,298	0,004	0,011	0,132	FALSE
-0,157	0,300	-0,003	0,006	0,208	FALSE
-0,087	0,307	-0,004	0,013	0,105	FALSE
0,156	0,304	0,006	0,011	0,229	FALSE
0,155	0,305	0,006	0,012	0,218	FALSE
0,067	0,296	0,001	0,007	0,065	FALSE
0,003	0,314	0,000	0,009	0,011	FALSE
-0,014	0,309	-0,001	0,011	0,018	FALSE
0,095	0,303	0,002	0,007	0,124	FALSE
-0,137	0,319	-0,004	0,008	0,174	FALSE
-0,055	0,312	-0,001	0,007	0,054	FALSE
-0,040	0,308	-0,001	0,008	0,029	FALSE
0,109	0,301	0,004	0,013	0,129	FALSE
0,100	0,300	0,004	0,013	0,115	FALSE
0,024	0,320	0,001	0,007	0,045	FALSE
-0,029	0,310	-0,001	0,013	0,025	FALSE
0,003	0,305	0,000	0,011	0,005	FALSE
0,035	0,312	0,001	0,007	0,030	FALSE
-0,016	0,306	0,000	0,011	0,005	FALSE
-0,071	0,297	-0,004	0,013	0,120	FALSE
0,033	0,304	0,001	0,008	0,048	FALSE
-0,053	0,296	-0,003	0,011	0,108	FALSE
0,006	0,312	0,000	0,007	0,005	FALSE
-0,094	0,311	-0,004	0,012	0,152	FALSE
0,108	0,312	0,004	0,010	0,138	FALSE
0,094	0,297	0,003	0,010	0,113	FALSE
-0,113	0,309	-0,003	0,008	0,145	FALSE
-0,007	0,322	0,000	0,012	0,003	FALSE
-0,063	0,297	-0,002	0,009	0,069	FALSE

0,055	0,299	0,002	0,012	0,078	FALSE
0,009	0,311	0,000	0,012	0,008	FALSE
-0,023	0,316	-0,001	0,012	0,024	FALSE
0,012	0,305	0,000	0,007	0,018	FALSE
-0,116	0,314	-0,003	0,007	0,163	FALSE
-0,150	0,310	-0,006	0,013	0,200	FALSE
-0,068	0,297	-0,002	0,010	0,099	FALSE
0,099	0,319	0,003	0,009	0,112	FALSE
0,085	0,313	0,002	0,007	0,124	FALSE
0,022	0,315	0,001	0,007	0,033	FALSE
-0,008	0,308	0,000	0,013	0,005	FALSE
-0,058	0,306	-0,002	0,011	0,056	FALSE
0,007	0,314	0,000	0,009	0,007	FALSE
0,000	0,308	0,000	0,009	0,013	FALSE
-0,013	0,308	-0,001	0,010	0,028	FALSE
-0,051	0,313	-0,002	0,010	0,070	FALSE
-0,086	0,307	-0,002	0,007	0,096	FALSE
-0,051	0,294	-0,001	0,006	0,055	FALSE
0,091	0,303	0,002	0,007	0,114	FALSE
-0,025	0,305	0,000	0,006	0,024	FALSE
0,007	0,287	0,000	0,011	0,006	FALSE
0,049	0,298	0,002	0,012	0,071	FALSE
-0,036	0,301	-0,001	0,007	0,039	FALSE
-0,047	0,314	-0,001	0,008	0,038	FALSE
-0,049	0,331	-0,001	0,008	0,042	FALSE
0,001	0,306	0,000	0,008	0,017	FALSE
0,027	0,307	0,001	0,010	0,052	FALSE
-0,030	0,301	0,000	0,006	0,003	FALSE
0,005	0,306	0,000	0,009	0,015	FALSE
-0,017	0,303	0,000	0,008	0,016	FALSE
-0,191	0,300	-0,008	0,012	0,294	FALSE
-0,006	0,294	0,000	0,009	0,008	FALSE
-0,060	0,292	-0,003	0,012	0,078	FALSE
-0,086	0,308	-0,002	0,010	0,085	FALSE
0,036	0,312	0,001	0,012	0,041	FALSE
0,063	0,319	0,002	0,011	0,072	FALSE
-0,053	0,288	-0,002	0,008	0,073	FALSE
0,021	0,312	0,001	0,013	0,020	FALSE
-0,080	0,305	-0,004	0,013	0,117	FALSE
-0,047	0,323	-0,001	0,009	0,035	FALSE
-0,004	0,307	0,000	0,010	0,002	FALSE
-0,028	0,303	-0,001	0,008	0,051	FALSE
-0,089	0,317	-0,002	0,008	0,098	FALSE
0,123	0,303	0,005	0,013	0,176	FALSE
0,156	0,300	0,006	0,011	0,234	FALSE
0,003	0,294	-0,001	0,007	0,029	FALSE
0,141	0,305	0,003	0,007	0,174	FALSE
-0,058	0,305	-0,002	0,008	0,080	FALSE
0,104	0,311	0,004	0,011	0,126	FALSE
0,077	0,314	0,004	0,013	0,105	FALSE
-0,127	0,302	-0,006	0,012	0,188	FALSE
0,064	0,299	0,003	0,011	0,094	FALSE
-0,066	0,323	-0,002	0,010	0,081	FALSE

0,133	0,305	0,004	0,010	0,174	FALSE
0,005	0,312	0,001	0,010	0,022	FALSE
0,057	0,310	0,002	0,008	0,069	FALSE
-0,104	0,312	-0,003	0,009	0,138	FALSE
-0,013	0,297	0,000	0,009	0,007	FALSE
-0,121	0,308	-0,002	0,006	0,148	FALSE
0,023	0,305	0,000	0,010	0,012	FALSE
0,078	0,311	0,003	0,012	0,086	FALSE
0,011	0,308	0,000	0,010	0,006	FALSE
-0,037	0,299	-0,001	0,009	0,045	FALSE
-0,055	0,307	-0,002	0,013	0,067	FALSE
-0,006	0,306	0,000	0,012	0,012	FALSE
-0,087	0,312	-0,003	0,008	0,124	FALSE
-0,028	0,299	-0,002	0,009	0,075	FALSE
-0,036	0,301	-0,002	0,009	0,093	FALSE
0,052	0,314	0,001	0,008	0,054	FALSE
0,017	0,303	0,000	0,009	0,006	FALSE
0,087	0,298	0,002	0,011	0,085	FALSE
0,090	0,307	0,002	0,008	0,112	FALSE
0,060	0,298	0,002	0,009	0,070	FALSE
0,074	0,304	0,002	0,008	0,081	FALSE
-0,149	0,302	-0,004	0,007	0,202	FALSE
-0,050	0,309	-0,001	0,007	0,045	FALSE
-0,096	0,307	-0,003	0,012	0,106	FALSE
-0,134	0,295	-0,004	0,009	0,164	FALSE
-0,122	0,294	-0,003	0,009	0,150	FALSE
-0,125	0,313	-0,004	0,010	0,162	FALSE
-0,083	0,299	-0,003	0,012	0,104	FALSE
-0,081	0,301	-0,003	0,012	0,084	FALSE
-0,047	0,303	-0,002	0,012	0,051	FALSE
-0,048	0,302	-0,001	0,013	0,039	FALSE
-0,044	0,311	-0,001	0,012	0,041	FALSE
-0,049	0,307	-0,001	0,007	0,055	FALSE
-0,021	0,308	-0,001	0,007	0,037	FALSE
-0,108	0,317	-0,004	0,013	0,129	FALSE
-0,228	0,307	-0,009	0,012	0,338	FALSE
-0,103	0,312	-0,004	0,010	0,142	FALSE
0,005	0,308	0,000	0,010	0,001	FALSE
-0,094	0,307	-0,002	0,007	0,089	FALSE
-0,137	0,309	-0,003	0,007	0,163	FALSE
-0,075	0,313	-0,002	0,009	0,096	FALSE
-0,117	0,308	-0,003	0,010	0,141	FALSE
-0,033	0,308	-0,002	0,011	0,063	FALSE
-0,006	0,309	-0,001	0,011	0,019	FALSE
0,022	0,304	0,001	0,012	0,017	FALSE
0,019	0,319	0,000	0,012	0,012	FALSE
-0,010	0,295	-0,001	0,011	0,026	FALSE
0,072	0,298	0,001	0,007	0,057	FALSE
0,004	0,308	-0,001	0,012	0,016	FALSE
-0,092	0,305	-0,003	0,012	0,107	FALSE
0,106	0,294	0,002	0,007	0,134	FALSE
0,090	0,315	0,003	0,011	0,116	FALSE
0,088	0,301	0,004	0,011	0,123	FALSE

-0,057	0,316	-0,002	0,009	0,069	FALSE
0,009	0,297	0,001	0,012	0,021	FALSE
0,082	0,311	0,002	0,008	0,103	FALSE
-0,006	0,327	0,000	0,011	0,002	FALSE
-0,003	0,293	0,000	0,007	0,000	FALSE
-0,133	0,314	-0,004	0,009	0,168	FALSE
-0,109	0,292	-0,003	0,007	0,167	FALSE
0,031	0,300	0,001	0,006	0,030	FALSE
0,000	0,300	0,000	0,009	0,000	FALSE
0,152	0,303	0,006	0,013	0,198	FALSE
0,053	0,302	0,001	0,007	0,080	FALSE
0,100	0,311	0,003	0,011	0,114	FALSE
0,006	0,313	0,000	0,011	0,012	FALSE
-0,133	0,302	-0,006	0,012	0,187	FALSE
0,012	0,314	0,001	0,009	0,025	FALSE
0,021	0,317	0,000	0,008	0,002	FALSE
0,041	0,305	0,001	0,008	0,031	FALSE
-0,065	0,319	-0,002	0,008	0,099	FALSE
0,040	0,301	0,001	0,013	0,033	FALSE
0,155	0,298	0,004	0,007	0,222	FALSE
0,036	0,309	0,002	0,011	0,055	FALSE
0,017	0,313	0,001	0,012	0,024	FALSE
0,081	0,309	0,003	0,010	0,101	FALSE
-0,018	0,294	0,000	0,011	0,003	FALSE
-0,063	0,312	-0,004	0,012	0,138	FALSE
0,159	0,295	0,006	0,011	0,257	FALSE
0,049	0,307	0,001	0,007	0,057	FALSE
0,096	0,305	0,004	0,012	0,140	FALSE
-0,105	0,298	-0,005	0,012	0,177	FALSE
0,032	0,316	0,001	0,008	0,045	FALSE
0,094	0,303	0,004	0,013	0,111	FALSE
0,051	0,296	0,001	0,009	0,058	FALSE
0,125	0,296	0,005	0,013	0,153	FALSE
0,021	0,304	0,000	0,011	0,009	FALSE
0,009	0,296	0,000	0,008	0,019	FALSE
0,038	0,310	0,001	0,010	0,053	FALSE
0,116	0,304	0,003	0,009	0,137	FALSE
0,051	0,303	0,002	0,009	0,074	FALSE
0,052	0,308	0,002	0,010	0,061	FALSE
0,011	0,304	0,000	0,010	0,014	FALSE
-0,144	0,283	-0,003	0,006	0,198	FALSE
-0,040	0,295	-0,001	0,011	0,041	FALSE
-0,026	0,318	-0,001	0,012	0,024	FALSE
0,064	0,309	0,001	0,007	0,080	FALSE
0,053	0,307	0,001	0,009	0,064	FALSE
0,019	0,308	0,000	0,008	0,018	FALSE
-0,007	0,302	0,000	0,006	0,000	FALSE
0,063	0,309	0,002	0,007	0,089	FALSE
0,076	0,306	0,002	0,009	0,083	FALSE
-0,117	0,304	-0,004	0,011	0,156	FALSE
0,039	0,285	0,002	0,012	0,073	FALSE
0,150	0,304	0,004	0,009	0,190	FALSE
-0,060	0,294	-0,002	0,009	0,102	FALSE

0,058	0,310	0,002	0,012	0,075	FALSE
0,035	0,295	0,001	0,012	0,040	FALSE
-0,029	0,309	-0,001	0,011	0,021	FALSE
0,022	0,311	0,001	0,009	0,022	FALSE
0,010	0,302	0,000	0,008	0,009	FALSE
-0,004	0,324	-0,001	0,013	0,016	FALSE
-0,020	0,317	0,000	0,007	0,014	FALSE
0,001	0,306	0,000	0,013	0,007	FALSE
-0,012	0,311	-0,001	0,013	0,027	FALSE
-0,031	0,305	-0,001	0,012	0,035	FALSE
-0,033	0,301	-0,001	0,008	0,034	FALSE
-0,025	0,296	-0,001	0,008	0,028	FALSE
-0,005	0,312	0,000	0,011	0,007	FALSE
-0,048	0,309	-0,002	0,011	0,058	FALSE
-0,106	0,296	-0,004	0,013	0,125	FALSE
-0,032	0,309	-0,001	0,010	0,043	FALSE
0,013	0,291	0,000	0,010	0,009	FALSE
-0,082	0,297	-0,002	0,008	0,112	FALSE
-0,011	0,307	0,000	0,008	0,006	FALSE
0,001	0,310	0,000	0,011	0,014	FALSE
0,151	0,306	0,004	0,009	0,215	FALSE
0,044	0,294	0,002	0,013	0,050	FALSE
0,042	0,296	0,002	0,013	0,051	FALSE
-0,012	0,318	0,000	0,008	0,018	FALSE
-0,074	0,309	-0,003	0,010	0,100	FALSE
-0,009	0,305	0,000	0,007	0,011	FALSE
-0,042	0,307	-0,001	0,009	0,019	FALSE
0,014	0,293	0,000	0,007	0,022	FALSE
-0,082	0,276	-0,002	0,010	0,080	FALSE
-0,169	0,294	-0,005	0,008	0,268	FALSE
-0,158	0,296	-0,007	0,012	0,230	FALSE
0,050	0,296	0,002	0,009	0,084	FALSE
-0,049	0,302	-0,001	0,008	0,047	FALSE
0,081	0,318	0,003	0,010	0,132	FALSE
-0,065	0,309	-0,002	0,012	0,072	FALSE
0,002	0,308	0,001	0,009	0,031	FALSE
0,164	0,299	0,004	0,009	0,216	FALSE
-0,081	0,306	-0,002	0,008	0,122	FALSE
0,101	0,304	0,003	0,007	0,145	FALSE
-0,078	0,327	-0,002	0,008	0,071	FALSE
-0,103	0,313	-0,005	0,013	0,144	FALSE
0,043	0,306	0,001	0,007	0,055	FALSE
0,101	0,303	0,003	0,009	0,121	FALSE
0,103	0,298	0,005	0,012	0,157	FALSE
-0,064	0,318	-0,001	0,007	0,067	FALSE
0,117	0,316	0,005	0,013	0,174	FALSE
-0,018	0,304	0,000	0,012	0,000	FALSE
-0,024	0,302	0,000	0,012	0,013	FALSE
-0,009	0,301	0,000	0,012	0,011	FALSE
0,018	0,315	0,001	0,010	0,020	FALSE
-0,066	0,306	-0,002	0,011	0,065	FALSE
0,075	0,321	0,002	0,008	0,074	FALSE
0,090	0,304	0,002	0,009	0,105	FALSE

-0,020	0,294	0,000	0,011	0,011	FALSE
0,138	0,317	0,004	0,009	0,184	FALSE
-0,041	0,316	-0,001	0,007	0,044	FALSE
0,025	0,317	0,001	0,012	0,035	FALSE
-0,003	0,307	0,000	0,011	0,007	FALSE
0,049	0,314	0,001	0,012	0,045	FALSE
0,055	0,308	0,002	0,012	0,069	FALSE
0,084	0,316	0,003	0,011	0,110	FALSE
0,015	0,312	0,000	0,011	0,014	FALSE
0,029	0,314	0,001	0,009	0,044	FALSE
0,019	0,304	0,000	0,007	0,008	FALSE
-0,073	0,307	-0,002	0,007	0,108	FALSE
0,067	0,309	0,003	0,011	0,111	FALSE
-0,059	0,298	-0,002	0,009	0,075	FALSE
-0,014	0,301	-0,001	0,008	0,041	FALSE
-0,054	0,299	-0,002	0,012	0,044	FALSE
-0,048	0,299	-0,002	0,007	0,085	FALSE
-0,015	0,313	0,000	0,012	0,003	FALSE
-0,041	0,301	-0,002	0,012	0,050	FALSE
-0,048	0,313	-0,002	0,013	0,054	FALSE
-0,054	0,311	-0,002	0,012	0,073	FALSE
-0,088	0,324	-0,004	0,012	0,123	FALSE
0,066	0,307	0,003	0,010	0,128	FALSE
0,006	0,309	0,000	0,008	0,014	FALSE
-0,094	0,295	-0,004	0,011	0,152	FALSE
0,044	0,299	0,002	0,012	0,070	FALSE
0,057	0,310	0,003	0,011	0,086	FALSE
0,130	0,311	0,003	0,007	0,159	FALSE
0,012	0,305	0,000	0,008	0,005	FALSE
-0,014	0,309	0,000	0,008	0,012	FALSE
0,015	0,314	0,001	0,011	0,020	FALSE
0,070	0,309	0,002	0,008	0,093	FALSE
-0,142	0,325	-0,005	0,011	0,202	FALSE
-0,064	0,301	-0,002	0,013	0,063	FALSE
0,037	0,314	0,001	0,007	0,052	FALSE
-0,058	0,304	-0,002	0,012	0,059	FALSE
0,030	0,304	0,002	0,013	0,047	FALSE
-0,002	0,299	0,000	0,012	0,009	FALSE
-0,001	0,309	0,000	0,008	0,002	FALSE
0,023	0,310	0,001	0,010	0,028	FALSE
0,030	0,309	0,002	0,011	0,059	FALSE
-0,009	0,308	0,000	0,011	0,013	FALSE
-0,038	0,311	-0,002	0,011	0,053	FALSE
0,095	0,296	0,002	0,008	0,120	FALSE
-0,039	0,306	-0,002	0,011	0,065	FALSE
0,001	0,298	0,000	0,007	0,016	FALSE
-0,013	0,307	0,000	0,011	0,001	FALSE
-0,003	0,302	0,000	0,012	0,006	FALSE
-0,014	0,317	-0,001	0,013	0,032	FALSE
-0,013	0,308	-0,002	0,011	0,049	FALSE
-0,026	0,298	-0,002	0,012	0,065	FALSE
0,098	0,303	0,005	0,013	0,161	FALSE
0,050	0,307	0,001	0,009	0,049	FALSE

0,097	0,318	0,003	0,010	0,108	FALSE
0,079	0,306	0,002	0,009	0,090	FALSE
0,040	0,307	0,001	0,012	0,034	FALSE
0,074	0,304	0,003	0,012	0,078	FALSE
0,197	0,302	0,007	0,012	0,277	FALSE
-0,071	0,313	-0,001	0,007	0,084	FALSE
0,004	0,302	0,000	0,008	0,015	FALSE
0,127	0,313	0,006	0,012	0,195	FALSE
0,001	0,324	0,000	0,009	0,005	FALSE
0,032	0,323	0,001	0,009	0,034	FALSE
0,045	0,319	0,001	0,009	0,053	FALSE
0,025	0,316	0,001	0,009	0,032	FALSE
0,013	0,322	0,000	0,009	0,017	FALSE
-0,103	0,306	-0,005	0,010	0,176	FALSE
-0,097	0,308	-0,004	0,011	0,158	FALSE
0,145	0,287	0,004	0,007	0,227	FALSE
-0,132	0,302	-0,005	0,011	0,203	FALSE
-0,036	0,299	-0,001	0,008	0,065	FALSE
-0,146	0,301	-0,005	0,010	0,221	FALSE
-0,013	0,311	-0,001	0,012	0,036	FALSE
-0,018	0,315	-0,001	0,010	0,046	FALSE
-0,080	0,301	-0,002	0,008	0,106	FALSE
-0,082	0,307	-0,002	0,008	0,098	FALSE
0,066	0,289	0,002	0,007	0,107	FALSE
-0,012	0,312	0,000	0,006	0,019	FALSE
0,159	0,294	0,004	0,008	0,245	FALSE
0,144	0,299	0,004	0,007	0,223	FALSE
0,133	0,299	0,004	0,008	0,186	FALSE
0,129	0,302	0,004	0,008	0,191	FALSE
0,154	0,293	0,003	0,007	0,179	FALSE
-0,039	0,296	-0,002	0,012	0,051	FALSE
-0,053	0,299	-0,002	0,012	0,063	FALSE
0,076	0,305	0,002	0,010	0,076	FALSE
0,003	0,319	0,000	0,011	0,002	FALSE
-0,022	0,309	-0,001	0,009	0,022	FALSE
0,012	0,291	0,001	0,010	0,026	FALSE
-0,020	0,309	0,000	0,008	0,021	FALSE
-0,187	0,300	-0,007	0,011	0,291	FALSE
-0,180	0,320	-0,007	0,012	0,244	FALSE
-0,159	0,322	-0,006	0,012	0,211	FALSE
0,101	0,302	0,003	0,010	0,108	FALSE
0,082	0,319	0,002	0,008	0,094	FALSE
0,075	0,315	0,003	0,010	0,129	FALSE
-0,028	0,315	0,000	0,007	0,002	FALSE
0,085	0,307	0,003	0,010	0,137	FALSE
0,135	0,311	0,006	0,013	0,204	FALSE
0,064	0,312	0,003	0,011	0,105	FALSE
0,178	0,294	0,006	0,011	0,249	TRUE
0,122	0,297	0,003	0,006	0,173	FALSE
0,041	0,307	0,002	0,012	0,064	FALSE
-0,005	0,321	0,000	0,007	0,004	FALSE
0,003	0,302	0,000	0,006	0,020	FALSE
0,000	0,309	0,000	0,007	0,012	FALSE

-0,033	0,313	-0,001	0,013	0,039	FALSE
-0,012	0,316	0,000	0,007	0,021	FALSE
0,063	0,302	0,002	0,009	0,083	FALSE
0,003	0,308	0,000	0,007	0,003	FALSE
-0,114	0,288	-0,004	0,010	0,181	FALSE
0,015	0,295	0,000	0,012	0,010	FALSE
-0,019	0,311	-0,001	0,013	0,023	FALSE
-0,009	0,301	0,000	0,012	0,002	FALSE
0,114	0,308	0,004	0,012	0,136	FALSE
-0,061	0,316	-0,002	0,013	0,065	FALSE
-0,101	0,306	-0,004	0,011	0,142	FALSE
0,091	0,319	0,003	0,011	0,118	FALSE
-0,027	0,300	-0,001	0,012	0,022	FALSE
-0,113	0,287	-0,004	0,011	0,161	FALSE
0,082	0,300	0,003	0,011	0,105	FALSE
0,075	0,300	0,003	0,011	0,092	FALSE
0,010	0,310	0,000	0,013	0,010	FALSE
-0,069	0,310	-0,002	0,007	0,093	FALSE
-0,062	0,301	-0,001	0,007	0,060	FALSE
0,007	0,320	0,000	0,013	0,009	FALSE
0,032	0,307	0,001	0,006	0,058	FALSE
0,128	0,309	0,003	0,008	0,170	FALSE
-0,063	0,318	-0,002	0,010	0,067	FALSE
0,021	0,308	0,000	0,013	0,007	FALSE
-0,006	0,316	-0,001	0,011	0,020	FALSE
0,067	0,315	0,002	0,008	0,094	FALSE
-0,087	0,301	-0,002	0,007	0,131	FALSE
-0,068	0,312	-0,001	0,007	0,062	FALSE
-0,076	0,317	-0,002	0,009	0,079	FALSE
0,054	0,303	0,001	0,007	0,070	FALSE
0,121	0,305	0,003	0,007	0,155	FALSE
-0,072	0,303	-0,001	0,007	0,069	FALSE
0,010	0,294	0,000	0,008	0,010	FALSE
0,151	0,301	0,006	0,013	0,191	FALSE
0,112	0,298	0,005	0,010	0,181	FALSE
-0,026	0,301	-0,001	0,008	0,027	FALSE
-0,012	0,311	0,000	0,007	0,002	FALSE
-0,080	0,290	-0,003	0,011	0,103	FALSE
-0,091	0,289	-0,003	0,011	0,116	FALSE
0,067	0,309	0,003	0,011	0,118	FALSE
0,067	0,298	0,003	0,010	0,108	FALSE
0,076	0,309	0,003	0,011	0,111	FALSE
-0,039	0,310	-0,002	0,013	0,061	FALSE
-0,077	0,286	-0,003	0,011	0,111	FALSE
0,100	0,314	0,003	0,010	0,100	FALSE
-0,066	0,307	-0,002	0,012	0,074	FALSE
0,018	0,309	0,000	0,006	0,016	FALSE
-0,060	0,301	-0,001	0,009	0,049	FALSE
-0,086	0,301	-0,004	0,012	0,137	FALSE
0,066	0,311	0,002	0,009	0,094	FALSE
-0,058	0,308	-0,003	0,011	0,109	FALSE
-0,031	0,301	0,000	0,013	0,002	FALSE
-0,058	0,322	-0,002	0,010	0,069	FALSE

0,035	0,307	0,002	0,010	0,067	FALSE
0,034	0,310	0,002	0,011	0,054	FALSE
-0,002	0,306	0,000	0,011	0,003	FALSE
0,090	0,314	0,004	0,010	0,151	FALSE
0,011	0,316	0,000	0,007	0,009	FALSE
-0,055	0,318	-0,001	0,009	0,058	FALSE
0,067	0,294	0,002	0,012	0,068	FALSE
0,015	0,316	0,001	0,011	0,027	FALSE
0,022	0,308	0,001	0,011	0,044	FALSE
-0,084	0,316	-0,002	0,006	0,096	FALSE
-0,128	0,311	-0,003	0,009	0,154	FALSE
-0,067	0,302	-0,002	0,013	0,072	FALSE
0,039	0,304	0,001	0,008	0,039	FALSE
-0,066	0,318	-0,003	0,013	0,098	FALSE
-0,033	0,311	0,000	0,010	0,014	FALSE
0,116	0,303	0,004	0,012	0,153	FALSE
-0,076	0,305	-0,003	0,012	0,104	FALSE
0,016	0,314	0,000	0,009	0,009	FALSE
0,064	0,305	0,002	0,011	0,070	FALSE
0,023	0,305	0,000	0,011	0,007	FALSE
0,038	0,315	0,001	0,012	0,028	FALSE
0,052	0,308	0,001	0,011	0,035	FALSE
0,052	0,306	0,001	0,011	0,042	FALSE
0,010	0,311	0,000	0,007	0,004	FALSE
-0,041	0,309	-0,001	0,010	0,034	FALSE
0,152	0,314	0,004	0,009	0,197	FALSE
0,004	0,308	0,000	0,012	0,013	FALSE
-0,094	0,310	-0,004	0,012	0,130	FALSE
-0,035	0,310	-0,001	0,010	0,040	FALSE
0,100	0,310	0,003	0,009	0,144	FALSE
-0,018	0,305	0,000	0,010	0,014	FALSE
-0,040	0,298	-0,001	0,007	0,037	FALSE
-0,011	0,301	-0,001	0,012	0,022	FALSE
0,030	0,292	0,001	0,010	0,038	FALSE
-0,015	0,313	0,000	0,008	0,012	FALSE
-0,058	0,293	-0,002	0,011	0,059	FALSE
-0,074	0,297	-0,003	0,013	0,083	FALSE
-0,096	0,314	-0,003	0,010	0,117	FALSE
0,040	0,292	0,003	0,012	0,078	FALSE
-0,116	0,322	-0,003	0,007	0,160	FALSE
-0,054	0,300	-0,002	0,009	0,082	FALSE
0,023	0,299	0,000	0,010	0,011	FALSE
-0,077	0,315	-0,002	0,007	0,107	FALSE
0,083	0,310	0,004	0,013	0,121	FALSE
0,023	0,310	0,001	0,008	0,037	FALSE
0,005	0,329	0,000	0,010	0,008	FALSE
0,056	0,303	0,002	0,011	0,061	FALSE
-0,018	0,332	-0,001	0,009	0,034	FALSE
0,039	0,327	0,001	0,010	0,041	FALSE
0,018	0,306	0,000	0,009	0,015	FALSE
-0,094	0,308	-0,004	0,012	0,141	FALSE
0,050	0,312	0,002	0,009	0,090	FALSE
0,040	0,312	0,002	0,009	0,083	FALSE

-0,131	0,321	-0,003	0,008	0,192	FALSE
-0,072	0,323	-0,003	0,012	0,085	FALSE
-0,083	0,301	-0,006	0,013	0,181	FALSE
-0,065	0,307	-0,002	0,011	0,062	FALSE
0,018	0,302	0,000	0,011	0,002	FALSE
0,016	0,310	0,000	0,012	0,007	FALSE
0,037	0,309	0,001	0,010	0,054	FALSE
0,032	0,310	0,000	0,011	0,013	FALSE
0,027	0,310	0,001	0,012	0,018	FALSE
0,026	0,318	0,001	0,012	0,024	FALSE
-0,045	0,296	-0,002	0,007	0,089	FALSE
0,120	0,301	0,002	0,006	0,163	FALSE
-0,009	0,307	-0,001	0,010	0,032	FALSE
0,046	0,311	0,002	0,007	0,082	FALSE
-0,008	0,302	0,000	0,010	0,012	FALSE
0,052	0,308	0,002	0,009	0,097	FALSE
-0,156	0,307	-0,006	0,010	0,244	FALSE
-0,064	0,297	-0,001	0,008	0,067	FALSE
-0,020	0,305	-0,001	0,011	0,039	FALSE
-0,084	0,299	-0,004	0,011	0,137	FALSE
-0,127	0,299	-0,004	0,009	0,195	FALSE
-0,022	0,310	-0,001	0,013	0,022	FALSE
-0,013	0,300	0,000	0,006	0,001	FALSE
0,012	0,309	0,000	0,007	0,021	FALSE
-0,016	0,309	0,000	0,013	0,000	FALSE
-0,046	0,321	-0,001	0,009	0,043	FALSE
0,050	0,298	0,002	0,008	0,071	FALSE
-0,014	0,317	-0,001	0,012	0,032	FALSE
0,032	0,308	0,000	0,007	0,019	FALSE
0,053	0,307	0,001	0,007	0,057	FALSE
0,039	0,307	0,002	0,012	0,045	FALSE
0,080	0,322	0,002	0,010	0,088	FALSE
0,005	0,316	0,000	0,008	0,014	FALSE
0,033	0,303	0,001	0,008	0,033	FALSE
-0,059	0,306	-0,002	0,010	0,089	FALSE
0,002	0,310	0,001	0,010	0,022	FALSE
-0,066	0,320	-0,001	0,008	0,074	FALSE
0,058	0,307	0,002	0,010	0,066	FALSE
0,074	0,303	0,002	0,008	0,075	FALSE
-0,047	0,313	-0,002	0,010	0,059	FALSE
-0,039	0,316	-0,001	0,010	0,046	FALSE
-0,117	0,302	-0,005	0,012	0,173	FALSE
0,025	0,315	0,001	0,007	0,034	FALSE
-0,108	0,305	-0,003	0,009	0,118	FALSE
-0,107	0,284	-0,003	0,008	0,138	FALSE
-0,089	0,310	-0,003	0,011	0,097	FALSE
0,028	0,304	0,001	0,013	0,021	FALSE
0,037	0,319	0,001	0,014	0,026	FALSE
-0,118	0,302	-0,003	0,007	0,180	FALSE
-0,040	0,290	-0,001	0,007	0,075	FALSE
-0,058	0,298	-0,002	0,006	0,089	FALSE
0,259	0,298	0,010	0,011	0,426	FALSE
-0,162	0,309	-0,005	0,010	0,184	FALSE

-0,148	0,296	-0,006	0,012	0,221	FALSE
0,012	0,301	0,000	0,012	0,013	FALSE
0,080	0,312	0,003	0,010	0,124	FALSE
-0,032	0,307	-0,002	0,009	0,062	FALSE
-0,048	0,330	-0,002	0,013	0,054	FALSE
-0,009	0,321	0,000	0,009	0,011	FALSE
-0,052	0,315	-0,002	0,013	0,045	FALSE
0,039	0,313	0,001	0,009	0,033	FALSE
0,169	0,296	0,008	0,013	0,261	FALSE
-0,102	0,305	-0,002	0,006	0,134	FALSE
-0,001	0,303	-0,001	0,011	0,027	FALSE
0,072	0,303	0,003	0,013	0,081	FALSE
0,018	0,315	0,001	0,013	0,024	FALSE
0,049	0,298	0,002	0,012	0,076	FALSE
0,041	0,300	0,001	0,012	0,034	FALSE
0,003	0,305	0,000	0,009	0,016	FALSE
-0,056	0,324	-0,001	0,010	0,051	FALSE
-0,057	0,317	-0,001	0,008	0,062	FALSE
-0,019	0,294	0,000	0,006	0,014	FALSE
-0,141	0,299	-0,005	0,011	0,176	FALSE
-0,026	0,307	-0,001	0,009	0,029	FALSE
-0,074	0,302	-0,002	0,009	0,086	FALSE
0,025	0,321	0,001	0,012	0,020	FALSE
0,040	0,309	0,001	0,011	0,037	FALSE
-0,148	0,300	-0,007	0,012	0,242	FALSE
0,030	0,319	0,001	0,011	0,042	FALSE
0,012	0,325	0,001	0,009	0,023	FALSE
0,115	0,309	0,003	0,009	0,155	FALSE
-0,111	0,292	-0,005	0,009	0,222	FALSE
0,013	0,309	0,001	0,010	0,023	FALSE
-0,024	0,307	0,000	0,009	0,016	FALSE
0,056	0,311	0,003	0,013	0,092	FALSE
0,015	0,312	0,000	0,011	0,013	FALSE
0,035	0,313	0,001	0,011	0,039	FALSE
0,034	0,322	0,001	0,011	0,040	FALSE
-0,022	0,299	0,000	0,009	0,007	FALSE
-0,045	0,320	-0,002	0,012	0,058	FALSE
-0,074	0,304	-0,003	0,012	0,096	FALSE
-0,108	0,316	-0,005	0,012	0,147	FALSE
0,036	0,313	0,002	0,013	0,052	FALSE
-0,003	0,300	0,000	0,009	0,007	FALSE
-0,166	0,293	-0,007	0,012	0,243	FALSE
-0,182	0,305	-0,007	0,011	0,269	FALSE
0,136	0,307	0,004	0,009	0,184	FALSE
-0,014	0,308	0,000	0,007	0,013	FALSE
-0,018	0,301	0,000	0,009	0,013	FALSE
-0,001	0,308	0,000	0,007	0,002	FALSE
0,058	0,307	0,002	0,011	0,071	FALSE
-0,051	0,306	-0,001	0,007	0,072	FALSE
-0,081	0,315	-0,002	0,008	0,097	FALSE
-0,088	0,317	-0,002	0,008	0,102	FALSE
-0,083	0,302	-0,002	0,008	0,091	FALSE
0,042	0,299	0,002	0,009	0,074	FALSE

-0,061	0,312	-0,001	0,008	0,063	FALSE
-0,090	0,308	-0,002	0,007	0,132	FALSE
-0,084	0,305	-0,002	0,007	0,092	FALSE
0,131	0,301	0,005	0,013	0,162	FALSE
-0,003	0,299	0,000	0,006	0,010	FALSE
0,007	0,318	0,001	0,011	0,019	FALSE
0,037	0,307	0,001	0,010	0,056	FALSE
-0,070	0,314	-0,002	0,007	0,096	FALSE
0,178	0,312	0,005	0,010	0,241	FALSE
0,100	0,305	0,004	0,010	0,140	FALSE
0,097	0,299	0,004	0,010	0,144	FALSE
0,085	0,302	0,003	0,010	0,136	FALSE
0,080	0,310	0,002	0,007	0,099	FALSE
0,015	0,306	0,000	0,008	0,013	FALSE
-0,078	0,305	-0,002	0,007	0,084	FALSE
-0,074	0,311	-0,003	0,012	0,086	FALSE
0,013	0,308	0,000	0,008	0,014	FALSE
-0,037	0,299	-0,001	0,006	0,064	FALSE
-0,017	0,324	-0,001	0,008	0,034	FALSE
0,054	0,292	0,001	0,011	0,037	FALSE
0,091	0,296	0,003	0,011	0,089	FALSE
0,080	0,298	0,002	0,011	0,075	FALSE
-0,028	0,306	-0,001	0,012	0,026	FALSE
-0,008	0,306	0,000	0,012	0,011	FALSE
0,076	0,314	0,003	0,013	0,086	FALSE
0,084	0,292	0,003	0,012	0,111	FALSE
0,005	0,314	0,000	0,008	0,003	FALSE
-0,046	0,294	-0,002	0,009	0,077	FALSE
0,055	0,297	0,001	0,006	0,042	FALSE
0,022	0,314	0,001	0,012	0,029	FALSE
0,002	0,307	0,000	0,007	0,006	FALSE
-0,023	0,330	-0,001	0,008	0,024	FALSE
-0,056	0,319	-0,001	0,007	0,079	FALSE
0,067	0,306	0,002	0,007	0,106	FALSE
-0,104	0,301	-0,002	0,007	0,101	FALSE
-0,049	0,301	-0,001	0,013	0,021	FALSE
0,103	0,305	0,003	0,010	0,107	FALSE
0,081	0,305	0,003	0,012	0,083	FALSE
-0,026	0,316	-0,001	0,013	0,025	FALSE
-0,102	0,328	-0,003	0,010	0,113	FALSE
-0,012	0,317	0,000	0,008	0,018	FALSE
-0,088	0,308	-0,003	0,010	0,113	FALSE
-0,103	0,293	-0,002	0,008	0,114	FALSE
-0,023	0,322	0,000	0,007	0,010	FALSE
0,098	0,306	0,004	0,010	0,160	FALSE
0,114	0,306	0,003	0,007	0,187	FALSE
0,049	0,315	0,002	0,011	0,062	FALSE
0,093	0,298	0,003	0,010	0,139	FALSE
-0,066	0,315	-0,001	0,007	0,070	FALSE
0,038	0,308	0,001	0,010	0,049	FALSE
0,027	0,304	0,001	0,011	0,035	FALSE
-0,046	0,308	-0,002	0,009	0,078	FALSE
0,044	0,310	0,001	0,008	0,034	FALSE

-0,083	0,302	-0,003	0,009	0,131	FALSE
-0,028	0,315	-0,001	0,010	0,040	FALSE
-0,037	0,299	-0,002	0,012	0,049	FALSE
-0,053	0,311	-0,002	0,013	0,070	FALSE
0,011	0,294	0,001	0,011	0,031	FALSE
0,028	0,306	0,000	0,011	0,000	FALSE
-0,037	0,311	-0,002	0,013	0,047	FALSE
-0,101	0,315	-0,004	0,012	0,122	FALSE
-0,067	0,307	-0,002	0,009	0,100	FALSE
-0,109	0,299	-0,003	0,007	0,165	FALSE
-0,099	0,303	-0,003	0,007	0,161	FALSE
-0,113	0,307	-0,003	0,008	0,171	FALSE
0,154	0,291	0,004	0,008	0,198	FALSE
0,123	0,303	0,003	0,007	0,144	FALSE
-0,007	0,307	0,000	0,010	0,017	FALSE
0,027	0,308	0,002	0,010	0,057	FALSE
0,027	0,291	0,002	0,010	0,067	FALSE
-0,010	0,308	0,001	0,010	0,021	FALSE
0,050	0,301	0,002	0,008	0,079	FALSE
0,040	0,307	0,001	0,008	0,067	FALSE
0,049	0,303	0,002	0,008	0,080	FALSE
0,010	0,301	0,000	0,007	0,022	FALSE
-0,024	0,303	-0,001	0,009	0,026	FALSE
0,145	0,292	0,006	0,009	0,278	FALSE
0,164	0,294	0,007	0,010	0,305	FALSE
0,044	0,291	0,002	0,007	0,091	FALSE
-0,024	0,301	0,000	0,009	0,020	FALSE
-0,049	0,300	-0,001	0,008	0,050	FALSE
0,047	0,299	0,001	0,007	0,037	FALSE
-0,119	0,318	-0,006	0,013	0,174	FALSE
-0,032	0,314	-0,001	0,013	0,024	FALSE
0,072	0,301	0,003	0,012	0,085	FALSE
0,010	0,319	0,000	0,013	0,010	FALSE
0,093	0,306	0,004	0,012	0,149	FALSE
0,070	0,303	0,003	0,013	0,103	FALSE
0,099	0,286	0,003	0,009	0,119	FALSE
0,169	0,301	0,006	0,013	0,207	FALSE
-0,083	0,293	-0,002	0,008	0,087	FALSE
0,073	0,306	0,002	0,010	0,068	FALSE
0,025	0,313	0,000	0,010	0,007	FALSE
0,036	0,312	0,000	0,010	0,013	FALSE
-0,151	0,292	-0,004	0,008	0,213	FALSE
-0,066	0,316	-0,002	0,011	0,068	FALSE
0,056	0,309	0,002	0,010	0,072	FALSE
0,110	0,318	0,003	0,006	0,157	FALSE
0,057	0,303	0,002	0,011	0,065	FALSE
0,049	0,309	0,001	0,009	0,047	FALSE
0,063	0,299	0,003	0,011	0,091	FALSE
0,047	0,307	0,002	0,013	0,064	FALSE
-0,062	0,305	-0,001	0,006	0,078	FALSE
0,125	0,301	0,004	0,013	0,136	FALSE
-0,115	0,297	-0,003	0,008	0,143	FALSE
-0,003	0,315	0,000	0,010	0,002	FALSE

-0,160	0,300	-0,003	0,006	0,230	FALSE
0,013	0,310	0,000	0,008	0,003	FALSE
0,152	0,287	0,006	0,011	0,201	FALSE
-0,008	0,313	0,000	0,010	0,011	FALSE
0,086	0,311	0,004	0,013	0,125	FALSE
0,025	0,290	0,001	0,011	0,041	FALSE
0,008	0,310	0,000	0,013	0,011	FALSE
0,037	0,315	0,001	0,007	0,046	FALSE
-0,019	0,311	0,000	0,011	0,002	FALSE
0,065	0,313	0,001	0,007	0,063	FALSE
-0,023	0,321	-0,001	0,008	0,043	FALSE
0,092	0,302	0,003	0,009	0,137	FALSE
-0,117	0,296	-0,005	0,012	0,171	FALSE
0,094	0,305	0,004	0,013	0,108	FALSE
-0,112	0,315	-0,005	0,013	0,136	FALSE
0,051	0,309	0,002	0,013	0,055	FALSE
0,055	0,322	0,002	0,012	0,063	FALSE
-0,067	0,321	-0,002	0,012	0,071	FALSE
0,122	0,317	0,004	0,010	0,161	FALSE
0,028	0,306	0,001	0,010	0,052	FALSE
-0,021	0,295	-0,002	0,012	0,045	FALSE
0,070	0,307	0,002	0,008	0,093	FALSE
0,168	0,310	0,003	0,007	0,215	FALSE
-0,237	0,291	-0,008	0,011	0,332	FALSE
0,088	0,309	0,004	0,011	0,148	FALSE
-0,053	0,309	-0,002	0,011	0,070	FALSE
-0,042	0,305	-0,002	0,012	0,063	FALSE
-0,070	0,317	-0,003	0,012	0,084	FALSE
0,084	0,300	0,003	0,011	0,098	FALSE
-0,098	0,321	-0,003	0,009	0,141	FALSE
-0,056	0,313	-0,002	0,010	0,073	FALSE
-0,097	0,318	-0,003	0,009	0,135	FALSE
-0,036	0,311	-0,002	0,011	0,058	FALSE
0,065	0,311	0,002	0,009	0,082	FALSE
-0,023	0,309	-0,001	0,013	0,023	FALSE
0,010	0,298	0,000	0,011	0,008	FALSE
0,033	0,303	0,002	0,010	0,070	FALSE
0,031	0,311	0,002	0,011	0,055	FALSE
0,037	0,295	0,002	0,010	0,069	FALSE
0,055	0,314	0,003	0,010	0,092	FALSE
0,057	0,307	0,002	0,010	0,086	FALSE
0,075	0,305	0,003	0,010	0,127	FALSE
0,030	0,316	0,002	0,010	0,067	FALSE
0,069	0,307	0,003	0,010	0,105	FALSE
0,038	0,308	0,002	0,010	0,059	FALSE
-0,118	0,302	-0,003	0,008	0,150	FALSE
-0,143	0,299	-0,003	0,008	0,181	FALSE
-0,065	0,292	-0,002	0,012	0,078	FALSE
0,024	0,299	0,000	0,010	0,003	FALSE
0,011	0,300	0,001	0,009	0,050	FALSE
0,076	0,296	0,002	0,013	0,069	FALSE
0,060	0,300	0,001	0,013	0,039	FALSE
0,042	0,315	0,001	0,013	0,018	FALSE

0,070	0,288	0,002	0,013	0,069	FALSE
0,065	0,306	0,002	0,013	0,048	FALSE
0,066	0,316	0,002	0,009	0,099	FALSE
0,033	0,303	0,001	0,009	0,042	FALSE
0,030	0,315	0,001	0,008	0,027	FALSE
0,042	0,298	0,002	0,010	0,061	FALSE
0,057	0,307	0,002	0,010	0,075	FALSE
0,235	0,304	0,009	0,013	0,320	FALSE
-0,022	0,289	-0,001	0,008	0,030	FALSE
0,145	0,277	0,006	0,012	0,206	TRUE
0,004	0,306	-0,001	0,012	0,030	FALSE
0,034	0,325	0,001	0,012	0,020	FALSE
-0,013	0,318	-0,001	0,012	0,037	FALSE
0,081	0,291	0,004	0,012	0,144	FALSE
0,043	0,299	0,001	0,010	0,045	FALSE
-0,072	0,310	-0,003	0,010	0,110	FALSE
-0,019	0,315	-0,002	0,012	0,051	FALSE
-0,015	0,309	0,000	0,007	0,015	FALSE
0,003	0,327	0,000	0,007	0,006	FALSE
-0,064	0,302	-0,001	0,008	0,072	FALSE
0,053	0,293	0,001	0,007	0,066	FALSE
0,104	0,306	0,003	0,011	0,122	FALSE
-0,104	0,294	-0,004	0,012	0,145	FALSE
0,079	0,303	0,003	0,011	0,093	FALSE
-0,073	0,303	-0,002	0,007	0,094	FALSE
-0,068	0,314	-0,002	0,008	0,073	FALSE
0,094	0,315	0,004	0,012	0,118	FALSE
-0,033	0,308	-0,001	0,011	0,041	FALSE
0,052	0,303	0,002	0,008	0,087	FALSE
0,014	0,319	0,001	0,012	0,022	FALSE
0,046	0,310	0,002	0,012	0,071	FALSE
0,103	0,312	0,004	0,012	0,137	FALSE
-0,017	0,310	-0,001	0,013	0,017	FALSE
0,042	0,293	0,001	0,013	0,031	FALSE
0,027	0,305	0,001	0,012	0,030	FALSE
0,068	0,301	0,002	0,007	0,105	FALSE
0,049	0,317	0,001	0,013	0,040	FALSE
-0,034	0,312	-0,001	0,013	0,034	FALSE
0,062	0,317	0,002	0,009	0,078	FALSE
0,190	0,298	0,008	0,011	0,317	FALSE
0,180	0,304	0,007	0,011	0,288	FALSE
0,171	0,304	0,008	0,013	0,258	FALSE
0,003	0,302	-0,001	0,010	0,022	FALSE
0,089	0,319	0,002	0,008	0,125	FALSE
0,076	0,310	0,003	0,013	0,091	FALSE
0,039	0,303	0,002	0,012	0,048	FALSE
-0,015	0,295	0,000	0,012	0,006	FALSE
-0,067	0,296	-0,002	0,009	0,106	FALSE
0,035	0,287	0,001	0,013	0,027	FALSE
0,130	0,294	0,005	0,011	0,175	FALSE
0,125	0,304	0,003	0,008	0,174	FALSE
0,118	0,301	0,003	0,006	0,159	FALSE
0,061	0,300	0,002	0,008	0,081	FALSE

-0,040	0,303	-0,003	0,012	0,082	FALSE
0,062	0,302	0,002	0,010	0,091	FALSE
0,047	0,322	0,002	0,011	0,061	FALSE
-0,006	0,311	-0,001	0,013	0,016	FALSE
0,006	0,314	0,000	0,013	0,003	FALSE
-0,009	0,301	0,000	0,009	0,018	FALSE
0,062	0,303	0,002	0,011	0,068	FALSE
0,051	0,311	0,002	0,013	0,058	FALSE
0,024	0,308	0,001	0,013	0,035	FALSE
0,044	0,310	0,002	0,011	0,078	FALSE
-0,052	0,299	-0,002	0,008	0,075	FALSE
0,060	0,308	0,001	0,009	0,044	FALSE
0,089	0,308	0,002	0,010	0,091	FALSE
0,089	0,307	0,002	0,009	0,082	FALSE
0,081	0,309	0,002	0,008	0,115	FALSE
0,007	0,307	-0,001	0,012	0,021	FALSE
-0,054	0,299	-0,001	0,010	0,053	FALSE
0,127	0,294	0,004	0,011	0,169	FALSE
-0,147	0,305	-0,006	0,011	0,204	FALSE
-0,029	0,321	-0,001	0,007	0,046	FALSE
-0,056	0,301	-0,003	0,009	0,108	FALSE
0,202	0,303	0,007	0,009	0,326	FALSE
0,160	0,321	0,006	0,012	0,213	FALSE
-0,090	0,311	-0,003	0,011	0,124	FALSE
0,101	0,296	0,002	0,006	0,142	FALSE
0,086	0,307	0,002	0,008	0,088	FALSE
-0,009	0,297	-0,001	0,012	0,015	FALSE
0,037	0,313	0,001	0,007	0,054	FALSE
-0,110	0,307	-0,003	0,009	0,123	FALSE
0,058	0,307	0,001	0,009	0,058	FALSE
-0,043	0,322	-0,001	0,008	0,059	FALSE
0,073	0,302	0,002	0,007	0,094	FALSE
0,234	0,274	0,005	0,006	0,353	FALSE
0,025	0,301	0,001	0,011	0,022	FALSE
0,203	0,295	0,004	0,006	0,279	FALSE
-0,001	0,311	0,000	0,007	0,007	FALSE
-0,136	0,289	-0,003	0,007	0,179	FALSE
-0,104	0,293	-0,002	0,007	0,128	FALSE
-0,141	0,303	-0,007	0,013	0,227	FALSE
-0,153	0,290	-0,007	0,013	0,237	FALSE
-0,036	0,301	-0,002	0,013	0,069	FALSE
0,011	0,302	0,000	0,012	0,006	FALSE
-0,068	0,315	-0,002	0,009	0,074	FALSE
-0,048	0,309	-0,002	0,009	0,068	FALSE
0,049	0,314	0,001	0,007	0,061	FALSE
0,108	0,324	0,003	0,009	0,141	FALSE
0,089	0,312	0,002	0,007	0,094	FALSE
0,153	0,306	0,005	0,011	0,206	FALSE
0,147	0,309	0,005	0,011	0,210	FALSE
-0,021	0,300	-0,001	0,011	0,039	FALSE
0,244	0,303	0,007	0,010	0,333	FALSE
-0,149	0,305	-0,007	0,013	0,213	FALSE
-0,050	0,301	-0,002	0,012	0,066	FALSE

-0,014	0,309	0,000	0,007	0,022	FALSE
0,045	0,307	0,001	0,007	0,055	FALSE
0,000	0,308	0,000	0,012	0,008	FALSE
-0,046	0,315	-0,002	0,013	0,048	FALSE
0,133	0,300	0,005	0,011	0,176	FALSE
0,141	0,281	0,005	0,011	0,177	FALSE
-0,007	0,314	0,000	0,007	0,004	FALSE
-0,010	0,296	0,000	0,007	0,019	FALSE
0,163	0,299	0,005	0,008	0,250	FALSE
0,179	0,302	0,006	0,010	0,256	FALSE
0,154	0,288	0,005	0,010	0,221	FALSE
0,050	0,300	0,002	0,009	0,066	FALSE
0,100	0,303	0,003	0,011	0,117	FALSE
-0,165	0,303	-0,006	0,010	0,266	FALSE
0,166	0,302	0,004	0,008	0,245	FALSE
0,166	0,307	0,007	0,013	0,225	FALSE
-0,165	0,294	-0,007	0,013	0,237	FALSE
0,056	0,311	0,002	0,012	0,063	FALSE
0,012	0,301	0,000	0,009	0,014	FALSE
0,026	0,283	0,001	0,009	0,030	FALSE
-0,089	0,309	-0,002	0,006	0,105	FALSE
-0,013	0,311	-0,001	0,011	0,024	FALSE
0,030	0,309	0,001	0,007	0,045	FALSE
-0,094	0,309	-0,002	0,007	0,121	FALSE
0,108	0,322	0,003	0,008	0,146	FALSE
0,142	0,303	0,004	0,009	0,218	FALSE
-0,005	0,291	-0,001	0,011	0,038	FALSE
-0,015	0,290	-0,001	0,013	0,018	FALSE
0,006	0,297	0,001	0,011	0,020	FALSE
-0,134	0,289	-0,003	0,008	0,165	FALSE
-0,059	0,302	-0,003	0,012	0,101	FALSE
0,048	0,291	0,002	0,012	0,050	FALSE
0,126	0,304	0,003	0,009	0,152	FALSE
-0,056	0,303	-0,001	0,006	0,051	FALSE
0,151	0,302	0,006	0,013	0,211	FALSE
0,142	0,308	0,006	0,012	0,213	FALSE
-0,066	0,318	-0,002	0,010	0,080	FALSE
-0,101	0,315	-0,003	0,007	0,142	FALSE
0,006	0,312	0,000	0,006	0,017	FALSE
-0,053	0,308	-0,003	0,013	0,095	FALSE
0,046	0,309	0,002	0,009	0,064	FALSE
0,061	0,292	0,003	0,012	0,101	FALSE
-0,014	0,320	0,000	0,010	0,002	FALSE
-0,011	0,307	0,000	0,010	0,001	FALSE
-0,068	0,309	-0,002	0,011	0,080	FALSE
-0,121	0,307	-0,003	0,009	0,148	FALSE
0,059	0,305	0,003	0,013	0,074	FALSE
-0,070	0,300	-0,003	0,012	0,103	FALSE
-0,090	0,320	-0,004	0,012	0,117	FALSE
0,045	0,293	0,001	0,009	0,046	FALSE
0,069	0,298	0,003	0,011	0,095	FALSE
-0,098	0,309	-0,004	0,012	0,126	FALSE
-0,143	0,292	-0,006	0,012	0,219	FALSE

-0,107	0,285	-0,003	0,008	0,156	FALSE
0,033	0,315	0,002	0,012	0,046	FALSE
0,010	0,323	0,000	0,012	0,005	FALSE
0,070	0,301	0,002	0,008	0,074	FALSE
0,043	0,310	0,001	0,007	0,068	FALSE
0,016	0,308	0,000	0,008	0,018	FALSE
0,016	0,318	0,000	0,008	0,016	FALSE
-0,013	0,309	0,000	0,007	0,019	FALSE
0,090	0,305	0,002	0,008	0,100	FALSE
0,019	0,325	0,001	0,010	0,020	FALSE
0,031	0,310	0,001	0,008	0,028	FALSE
-0,049	0,312	-0,001	0,007	0,039	FALSE
-0,155	0,309	-0,004	0,007	0,236	FALSE
-0,160	0,308	-0,004	0,008	0,243	FALSE
-0,023	0,302	0,000	0,008	0,006	FALSE
0,104	0,287	0,003	0,008	0,150	FALSE
-0,131	0,308	-0,005	0,012	0,154	FALSE
-0,079	0,299	-0,002	0,008	0,104	FALSE
-0,045	0,300	-0,001	0,007	0,058	FALSE
0,107	0,316	0,003	0,009	0,128	FALSE
0,123	0,304	0,003	0,008	0,158	FALSE
-0,052	0,308	-0,001	0,009	0,042	FALSE
0,038	0,295	0,000	0,011	0,015	FALSE
-0,137	0,305	-0,006	0,013	0,187	FALSE
0,030	0,308	0,000	0,008	0,010	FALSE
0,001	0,312	0,000	0,007	0,007	FALSE
0,078	0,318	0,002	0,008	0,103	FALSE
-0,058	0,310	-0,002	0,008	0,099	FALSE
0,037	0,316	0,001	0,011	0,033	FALSE
0,032	0,307	0,001	0,011	0,050	FALSE
-0,047	0,303	-0,002	0,012	0,059	FALSE
-0,012	0,311	-0,001	0,013	0,027	FALSE
0,003	0,312	0,000	0,012	0,014	FALSE
0,004	0,310	0,001	0,013	0,016	FALSE
-0,140	0,314	-0,006	0,013	0,177	FALSE
0,074	0,307	0,001	0,010	0,057	FALSE
-0,083	0,303	-0,003	0,013	0,090	FALSE
0,044	0,301	0,001	0,007	0,073	FALSE
0,067	0,306	0,002	0,011	0,074	FALSE
0,120	0,302	0,004	0,011	0,140	FALSE
-0,007	0,304	0,000	0,006	0,010	FALSE
0,008	0,309	0,000	0,013	0,001	FALSE
0,006	0,313	0,000	0,010	0,013	FALSE
0,022	0,305	0,000	0,010	0,012	FALSE
0,077	0,307	0,003	0,012	0,084	FALSE
-0,018	0,311	0,000	0,007	0,019	FALSE
0,032	0,325	0,001	0,008	0,028	FALSE
-0,077	0,293	-0,001	0,006	0,084	FALSE
0,031	0,305	0,001	0,011	0,047	FALSE
0,030	0,306	0,001	0,007	0,039	FALSE
0,011	0,311	0,000	0,008	0,001	FALSE
0,052	0,299	0,003	0,012	0,087	FALSE
0,123	0,293	0,005	0,012	0,191	FALSE

0,066	0,305	0,002	0,006	0,105	FALSE
-0,155	0,311	-0,005	0,009	0,226	FALSE
0,155	0,284	0,006	0,011	0,230	FALSE
-0,044	0,298	-0,001	0,008	0,052	FALSE
-0,028	0,301	-0,001	0,008	0,034	FALSE
-0,092	0,302	-0,003	0,008	0,144	FALSE
0,008	0,304	0,000	0,008	0,016	FALSE
-0,062	0,299	-0,003	0,011	0,092	FALSE
-0,096	0,319	-0,004	0,013	0,136	FALSE
0,025	0,332	0,001	0,012	0,028	FALSE
-0,024	0,313	-0,001	0,012	0,026	FALSE
-0,005	0,302	0,000	0,009	0,003	FALSE
0,016	0,294	0,001	0,008	0,025	FALSE
0,107	0,303	0,003	0,007	0,148	FALSE
-0,017	0,302	-0,001	0,008	0,022	FALSE
0,109	0,314	0,003	0,008	0,154	FALSE
-0,092	0,292	-0,002	0,008	0,110	FALSE
0,124	0,305	0,003	0,008	0,181	FALSE
0,117	0,303	0,003	0,008	0,180	FALSE
0,100	0,320	0,002	0,007	0,127	FALSE
0,125	0,309	0,003	0,008	0,150	FALSE
-0,035	0,318	-0,001	0,009	0,049	FALSE
-0,048	0,306	-0,001	0,010	0,050	FALSE
-0,149	0,295	-0,004	0,009	0,183	FALSE
0,113	0,311	0,003	0,008	0,136	FALSE
-0,049	0,318	-0,002	0,010	0,061	FALSE
-0,051	0,307	-0,002	0,010	0,078	FALSE
0,041	0,314	0,001	0,008	0,064	FALSE
-0,010	0,305	-0,001	0,009	0,044	FALSE
0,003	0,298	-0,001	0,009	0,033	FALSE
0,017	0,313	-0,001	0,010	0,022	FALSE
-0,124	0,312	-0,003	0,007	0,167	FALSE
0,105	0,309	0,003	0,008	0,131	FALSE
0,109	0,303	0,004	0,011	0,155	FALSE
0,085	0,312	0,003	0,013	0,091	FALSE
0,076	0,283	0,002	0,012	0,080	FALSE
0,054	0,297	0,001	0,007	0,079	FALSE
-0,088	0,297	-0,002	0,008	0,095	FALSE
-0,114	0,320	-0,003	0,009	0,135	FALSE
-0,002	0,304	0,000	0,008	0,020	FALSE
-0,050	0,302	-0,001	0,007	0,047	FALSE
-0,048	0,301	-0,003	0,012	0,088	FALSE
0,106	0,289	0,004	0,008	0,178	FALSE
-0,022	0,322	-0,001	0,010	0,046	FALSE
-0,017	0,310	0,000	0,012	0,011	FALSE
0,005	0,312	0,000	0,012	0,006	FALSE
-0,028	0,309	-0,001	0,012	0,030	FALSE
-0,019	0,298	0,000	0,011	0,013	FALSE
-0,158	0,296	-0,004	0,008	0,223	FALSE
-0,006	0,311	-0,001	0,009	0,021	FALSE
0,019	0,301	0,001	0,010	0,029	FALSE
-0,106	0,314	-0,005	0,012	0,148	FALSE
-0,067	0,313	-0,001	0,008	0,066	FALSE

0,049	0,317	0,002	0,011	0,068	FALSE
-0,136	0,298	-0,005	0,010	0,185	FALSE
-0,097	0,316	-0,003	0,010	0,115	FALSE
-0,074	0,301	-0,002	0,010	0,084	FALSE
-0,053	0,296	-0,001	0,009	0,045	FALSE
-0,026	0,316	-0,002	0,013	0,044	FALSE
-0,056	0,303	-0,002	0,011	0,074	FALSE
0,071	0,295	0,002	0,008	0,093	FALSE
0,025	0,306	0,001	0,013	0,024	FALSE
0,025	0,308	0,001	0,013	0,015	FALSE
-0,022	0,297	0,000	0,012	0,014	FALSE
0,056	0,314	0,002	0,011	0,063	FALSE
0,102	0,307	0,003	0,009	0,123	FALSE
-0,030	0,302	-0,002	0,011	0,065	FALSE
0,006	0,301	0,000	0,010	0,002	FALSE
-0,031	0,300	-0,002	0,011	0,053	FALSE
0,018	0,319	0,001	0,007	0,045	FALSE
0,070	0,291	0,002	0,007	0,110	FALSE
0,020	0,291	0,000	0,006	0,023	FALSE
0,069	0,316	0,003	0,012	0,089	FALSE
0,037	0,318	0,001	0,012	0,043	FALSE
0,009	0,307	0,000	0,012	0,001	FALSE
-0,138	0,304	-0,003	0,006	0,197	FALSE
0,082	0,311	0,003	0,008	0,128	FALSE
0,020	0,317	0,001	0,011	0,043	FALSE
0,096	0,310	0,003	0,013	0,086	FALSE
0,104	0,311	0,003	0,013	0,102	FALSE
0,060	0,318	0,002	0,013	0,046	FALSE
0,040	0,304	0,001	0,011	0,049	FALSE
-0,086	0,312	-0,004	0,012	0,124	FALSE
0,084	0,314	0,003	0,011	0,105	FALSE
0,116	0,322	0,004	0,011	0,137	FALSE
-0,024	0,318	-0,001	0,013	0,027	FALSE
-0,003	0,295	0,000	0,008	0,011	FALSE
0,005	0,297	0,000	0,008	0,017	FALSE
0,001	0,299	0,000	0,007	0,005	FALSE
0,043	0,324	0,001	0,010	0,052	FALSE
-0,068	0,309	-0,003	0,012	0,104	FALSE
0,030	0,300	0,001	0,013	0,021	FALSE
-0,050	0,299	-0,002	0,012	0,065	FALSE
0,037	0,320	0,001	0,007	0,055	FALSE
-0,013	0,317	0,000	0,009	0,006	FALSE
-0,023	0,309	0,000	0,009	0,018	FALSE
-0,030	0,313	0,000	0,009	0,019	FALSE
-0,085	0,302	-0,002	0,009	0,092	FALSE
-0,011	0,316	0,000	0,009	0,004	FALSE
-0,047	0,311	-0,001	0,007	0,062	FALSE
0,054	0,301	0,002	0,012	0,059	FALSE
-0,045	0,303	-0,002	0,009	0,064	FALSE
-0,049	0,296	-0,001	0,009	0,054	FALSE
-0,125	0,298	-0,006	0,012	0,193	FALSE
0,087	0,300	0,004	0,012	0,133	FALSE
0,004	0,317	0,000	0,007	0,003	FALSE

-0,013	0,307	-0,001	0,008	0,032	FALSE
-0,035	0,308	-0,001	0,008	0,060	FALSE
0,000	0,300	0,000	0,010	0,014	FALSE
-0,068	0,300	-0,002	0,008	0,089	FALSE
0,066	0,292	0,003	0,013	0,093	FALSE
-0,016	0,312	-0,001	0,008	0,034	FALSE
-0,045	0,298	-0,002	0,008	0,078	FALSE
0,062	0,306	0,002	0,011	0,078	FALSE
0,018	0,308	0,001	0,011	0,035	FALSE
0,057	0,323	0,001	0,010	0,046	FALSE
0,086	0,290	0,002	0,011	0,084	FALSE
0,098	0,317	0,002	0,007	0,118	FALSE
-0,051	0,301	-0,001	0,009	0,055	FALSE
0,105	0,299	0,002	0,006	0,140	FALSE
0,082	0,285	0,003	0,009	0,118	FALSE
-0,188	0,290	-0,007	0,009	0,324	FALSE
-0,068	0,323	-0,001	0,009	0,045	FALSE
-0,166	0,294	-0,005	0,009	0,249	FALSE
-0,091	0,309	-0,003	0,012	0,091	FALSE
0,078	0,319	0,003	0,009	0,124	FALSE
-0,177	0,300	-0,005	0,007	0,291	FALSE
0,180	0,322	0,007	0,013	0,237	FALSE
0,013	0,310	0,000	0,013	0,006	FALSE
0,119	0,310	0,003	0,008	0,139	FALSE
-0,100	0,302	-0,003	0,008	0,148	FALSE
0,045	0,305	0,002	0,011	0,073	FALSE
0,094	0,324	0,003	0,009	0,121	FALSE
0,018	0,303	0,000	0,012	0,006	FALSE
0,016	0,298	0,001	0,007	0,044	FALSE
-0,079	0,305	-0,002	0,008	0,091	FALSE
-0,075	0,301	-0,003	0,011	0,122	FALSE
0,039	0,313	0,001	0,009	0,050	FALSE
0,077	0,320	0,002	0,009	0,095	FALSE
0,046	0,310	0,001	0,006	0,071	FALSE
0,075	0,291	0,002	0,006	0,100	FALSE
-0,065	0,318	-0,003	0,011	0,096	FALSE
0,064	0,306	0,001	0,007	0,082	FALSE
-0,065	0,300	-0,001	0,006	0,064	FALSE
-0,057	0,295	-0,001	0,006	0,056	FALSE
0,076	0,307	0,002	0,012	0,079	FALSE
-0,083	0,310	-0,002	0,013	0,069	FALSE
0,083	0,310	0,003	0,010	0,096	FALSE
0,031	0,296	0,001	0,007	0,031	FALSE
-0,158	0,289	-0,004	0,009	0,201	FALSE
-0,166	0,311	-0,004	0,008	0,199	FALSE
-0,079	0,304	-0,001	0,006	0,069	FALSE
-0,001	0,309	0,000	0,007	0,005	FALSE
-0,056	0,285	-0,002	0,012	0,067	FALSE
0,001	0,305	-0,001	0,007	0,030	FALSE
0,048	0,321	0,001	0,010	0,047	FALSE
0,106	0,306	0,002	0,008	0,116	FALSE
-0,059	0,312	-0,002	0,009	0,064	FALSE
-0,114	0,297	-0,004	0,009	0,172	FALSE

-0,001	0,307	0,000	0,012	0,007	FALSE
-0,043	0,313	-0,001	0,007	0,044	FALSE
0,108	0,296	0,003	0,009	0,154	FALSE
-0,087	0,310	-0,002	0,006	0,105	FALSE
-0,048	0,320	-0,001	0,007	0,024	FALSE
0,054	0,299	0,001	0,011	0,023	FALSE
0,025	0,299	0,001	0,007	0,029	FALSE
-0,040	0,320	-0,001	0,007	0,043	FALSE
-0,043	0,301	-0,002	0,011	0,077	FALSE
0,118	0,303	0,004	0,009	0,193	FALSE
-0,006	0,316	0,000	0,010	0,009	FALSE
0,014	0,306	0,001	0,009	0,030	FALSE
-0,081	0,321	-0,002	0,009	0,094	FALSE
-0,053	0,308	-0,001	0,007	0,053	FALSE
0,018	0,310	0,001	0,010	0,021	FALSE
0,016	0,301	0,000	0,010	0,011	FALSE
0,127	0,302	0,003	0,007	0,183	FALSE
-0,012	0,315	-0,001	0,012	0,029	FALSE
-0,012	0,300	0,000	0,010	0,000	FALSE
-0,012	0,310	0,000	0,010	0,008	FALSE
-0,005	0,317	0,000	0,008	0,002	FALSE
0,080	0,325	0,002	0,008	0,093	FALSE
0,101	0,307	0,002	0,007	0,139	FALSE
-0,092	0,311	-0,003	0,010	0,115	FALSE
0,136	0,312	0,004	0,009	0,178	FALSE
0,003	0,302	0,000	0,008	0,010	FALSE
-0,053	0,303	-0,002	0,012	0,054	FALSE
-0,014	0,310	0,000	0,011	0,012	FALSE
-0,103	0,313	-0,003	0,008	0,164	FALSE
0,000	0,314	0,000	0,007	0,009	FALSE
-0,098	0,315	-0,004	0,010	0,139	FALSE
0,049	0,302	0,001	0,011	0,036	FALSE
0,005	0,318	0,000	0,012	0,014	FALSE
0,129	0,306	0,004	0,010	0,176	FALSE
-0,138	0,306	-0,004	0,007	0,216	FALSE
-0,124	0,320	-0,003	0,008	0,176	FALSE
0,057	0,298	0,001	0,007	0,076	FALSE
0,080	0,312	0,002	0,007	0,092	FALSE
0,011	0,301	0,000	0,008	0,017	FALSE
0,107	0,313	0,003	0,010	0,128	FALSE
0,037	0,314	0,001	0,009	0,047	FALSE
0,105	0,317	0,003	0,007	0,154	FALSE
0,033	0,307	0,001	0,013	0,026	FALSE
0,072	0,309	0,002	0,009	0,072	FALSE
0,062	0,309	0,002	0,009	0,076	FALSE
0,073	0,297	0,002	0,009	0,083	FALSE
0,032	0,319	0,002	0,011	0,061	FALSE
0,049	0,314	0,001	0,012	0,040	FALSE
0,011	0,308	0,000	0,012	0,013	FALSE
0,108	0,310	0,003	0,007	0,148	FALSE
0,060	0,308	0,001	0,008	0,062	FALSE
-0,031	0,300	-0,001	0,008	0,061	FALSE
0,086	0,307	0,003	0,011	0,112	FALSE

0,079	0,307	0,003	0,011	0,101	FALSE
0,065	0,314	0,003	0,011	0,086	FALSE
0,148	0,303	0,005	0,013	0,176	FALSE
-0,026	0,314	0,000	0,011	0,015	FALSE
-0,040	0,295	-0,001	0,012	0,031	FALSE
0,005	0,310	0,000	0,013	0,012	FALSE
-0,104	0,297	-0,003	0,010	0,142	FALSE
-0,039	0,300	-0,001	0,007	0,051	FALSE
-0,085	0,294	-0,002	0,009	0,102	FALSE
0,094	0,311	0,003	0,012	0,105	FALSE
0,048	0,316	0,002	0,012	0,058	FALSE
-0,094	0,322	-0,004	0,012	0,121	FALSE
-0,040	0,304	-0,002	0,011	0,063	FALSE
-0,040	0,310	-0,002	0,011	0,052	FALSE
-0,163	0,309	-0,005	0,009	0,234	FALSE
-0,230	0,298	-0,005	0,007	0,363	FALSE
0,079	0,307	0,003	0,007	0,133	FALSE
0,022	0,310	0,001	0,007	0,045	FALSE
-0,055	0,314	-0,002	0,013	0,069	FALSE
-0,007	0,314	-0,001	0,008	0,054	FALSE
0,018	0,302	0,001	0,010	0,030	FALSE
-0,058	0,316	-0,001	0,008	0,068	FALSE
-0,024	0,307	-0,001	0,011	0,036	FALSE
0,015	0,318	0,001	0,010	0,019	FALSE
-0,029	0,300	0,000	0,009	0,011	FALSE
-0,135	0,327	-0,003	0,008	0,162	FALSE
0,064	0,287	0,002	0,008	0,083	FALSE
-0,080	0,304	-0,002	0,009	0,094	FALSE
-0,041	0,292	-0,001	0,008	0,054	FALSE
-0,069	0,314	-0,001	0,007	0,065	FALSE
0,058	0,289	0,002	0,006	0,097	FALSE
-0,095	0,309	-0,003	0,010	0,133	FALSE
0,076	0,318	0,002	0,008	0,093	FALSE
0,003	0,303	0,000	0,006	0,004	FALSE
0,172	0,290	0,004	0,007	0,242	FALSE
0,174	0,311	0,003	0,006	0,228	FALSE
0,085	0,305	0,002	0,009	0,094	FALSE
0,059	0,303	0,002	0,011	0,078	FALSE
0,046	0,310	0,002	0,011	0,068	FALSE
0,098	0,296	0,004	0,008	0,193	FALSE
0,121	0,310	0,004	0,008	0,207	FALSE
-0,085	0,303	-0,002	0,007	0,104	FALSE
0,116	0,310	0,002	0,006	0,106	FALSE
0,141	0,312	0,003	0,007	0,150	FALSE
-0,014	0,308	-0,001	0,012	0,033	FALSE
0,049	0,325	0,002	0,012	0,056	FALSE
-0,084	0,317	-0,003	0,013	0,077	FALSE
0,078	0,315	0,002	0,008	0,090	FALSE
0,001	0,291	0,001	0,006	0,044	FALSE
0,024	0,314	0,001	0,010	0,053	FALSE
0,006	0,312	0,000	0,013	0,006	FALSE
0,018	0,309	0,001	0,012	0,020	FALSE
0,008	0,320	0,000	0,012	0,008	FALSE

0,018	0,311	0,000	0,012	0,001	FALSE
0,033	0,307	0,001	0,012	0,026	FALSE
-0,012	0,304	-0,001	0,012	0,032	FALSE
-0,007	0,315	-0,001	0,012	0,018	FALSE
0,041	0,313	0,001	0,012	0,037	FALSE
-0,010	0,296	0,000	0,013	0,005	FALSE
-0,010	0,295	-0,001	0,007	0,045	FALSE
-0,103	0,303	-0,003	0,010	0,134	FALSE
0,048	0,310	0,002	0,011	0,067	FALSE
0,010	0,299	0,001	0,012	0,015	FALSE
0,053	0,319	0,002	0,012	0,047	FALSE
0,011	0,313	0,000	0,007	0,006	FALSE
-0,013	0,307	0,000	0,007	0,017	FALSE
-0,189	0,313	-0,006	0,009	0,292	FALSE
0,069	0,310	0,002	0,008	0,092	FALSE
0,144	0,293	0,006	0,011	0,231	FALSE
-0,121	0,306	-0,004	0,011	0,158	FALSE
0,038	0,314	0,001	0,008	0,046	FALSE
-0,038	0,314	-0,002	0,012	0,049	FALSE
-0,132	0,308	-0,004	0,007	0,215	FALSE
-0,019	0,302	-0,001	0,013	0,018	FALSE
-0,060	0,308	-0,001	0,007	0,044	FALSE
-0,079	0,303	-0,002	0,007	0,094	FALSE
0,052	0,297	0,001	0,007	0,050	FALSE
0,067	0,316	0,002	0,012	0,054	FALSE
0,069	0,313	0,002	0,009	0,078	FALSE
-0,049	0,314	-0,001	0,009	0,059	FALSE
-0,016	0,308	0,000	0,007	0,018	FALSE
-0,020	0,312	0,000	0,006	0,026	FALSE
-0,082	0,321	-0,003	0,009	0,119	FALSE
0,116	0,310	0,003	0,008	0,159	FALSE
0,018	0,304	0,000	0,007	0,021	FALSE
0,107	0,290	0,004	0,010	0,164	FALSE
0,008	0,298	0,000	0,006	0,027	FALSE
0,204	0,315	0,006	0,009	0,283	FALSE
0,173	0,309	0,004	0,006	0,250	FALSE
0,010	0,304	0,000	0,007	0,008	FALSE
0,020	0,300	0,001	0,007	0,030	FALSE
0,077	0,294	0,002	0,009	0,105	FALSE
0,036	0,317	0,001	0,012	0,026	FALSE
0,021	0,321	0,001	0,010	0,028	FALSE
0,082	0,309	0,003	0,012	0,107	FALSE
0,056	0,301	0,002	0,010	0,090	FALSE
0,006	0,310	-0,001	0,012	0,028	FALSE
0,140	0,310	0,004	0,009	0,204	FALSE
0,065	0,300	0,004	0,011	0,139	FALSE
-0,158	0,294	-0,005	0,009	0,209	FALSE
-0,054	0,314	-0,001	0,007	0,058	FALSE
0,068	0,310	0,003	0,012	0,107	FALSE
0,128	0,307	0,005	0,011	0,203	FALSE
0,023	0,307	0,002	0,013	0,059	FALSE
-0,030	0,313	-0,001	0,007	0,053	FALSE
0,101	0,303	0,003	0,007	0,161	FALSE

0,104	0,311	0,005	0,013	0,150	FALSE
-0,108	0,308	-0,003	0,009	0,121	FALSE
0,024	0,308	0,001	0,013	0,031	FALSE
-0,017	0,321	-0,001	0,013	0,016	FALSE
-0,003	0,320	0,000	0,013	0,002	FALSE
0,013	0,315	0,000	0,013	0,008	FALSE
-0,032	0,313	-0,002	0,013	0,046	FALSE
-0,024	0,304	-0,001	0,013	0,022	FALSE
-0,001	0,307	0,000	0,012	0,002	FALSE
-0,019	0,323	-0,001	0,013	0,027	FALSE
-0,017	0,320	-0,001	0,013	0,017	FALSE
-0,055	0,296	-0,001	0,010	0,050	FALSE
-0,074	0,310	-0,003	0,013	0,093	FALSE
-0,004	0,305	-0,001	0,013	0,019	FALSE
-0,069	0,326	-0,001	0,007	0,072	FALSE
0,000	0,314	0,000	0,007	0,002	FALSE
0,011	0,323	0,001	0,013	0,018	FALSE
0,004	0,320	0,000	0,013	0,007	FALSE
-0,027	0,315	-0,001	0,013	0,032	FALSE
-0,013	0,336	-0,001	0,014	0,019	FALSE
-0,005	0,316	0,000	0,013	0,003	FALSE
0,009	0,319	0,000	0,013	0,010	FALSE
-0,021	0,313	-0,001	0,012	0,024	FALSE
-0,039	0,304	-0,001	0,007	0,038	FALSE
-0,010	0,305	0,000	0,012	0,010	FALSE
-0,003	0,314	0,000	0,013	0,011	FALSE
-0,088	0,301	-0,001	0,007	0,071	FALSE
-0,136	0,303	-0,005	0,011	0,174	FALSE
-0,119	0,299	-0,004	0,009	0,167	FALSE
0,117	0,296	0,002	0,007	0,149	FALSE
-0,077	0,307	-0,001	0,007	0,061	FALSE
0,022	0,319	0,000	0,013	0,012	FALSE
-0,009	0,306	-0,001	0,012	0,015	FALSE
-0,021	0,322	-0,001	0,013	0,022	FALSE
0,005	0,317	0,000	0,013	0,003	FALSE
-0,018	0,317	-0,001	0,013	0,017	FALSE
-0,019	0,317	-0,001	0,013	0,019	FALSE
-0,033	0,329	-0,001	0,013	0,037	FALSE
0,014	0,330	0,001	0,014	0,015	FALSE
-0,014	0,314	-0,001	0,013	0,020	FALSE
-0,021	0,300	-0,001	0,012	0,020	FALSE
-0,009	0,300	0,000	0,011	0,008	FALSE
0,019	0,314	0,000	0,008	0,016	FALSE
0,014	0,318	0,000	0,006	0,009	FALSE
0,017	0,293	0,001	0,009	0,034	FALSE
-0,020	0,310	-0,001	0,008	0,022	FALSE
0,018	0,309	0,001	0,013	0,034	FALSE
-0,005	0,313	0,000	0,008	0,015	FALSE
0,002	0,306	0,000	0,008	0,014	FALSE
-0,029	0,306	-0,002	0,013	0,046	FALSE
0,060	0,306	0,001	0,007	0,060	FALSE
0,081	0,296	0,003	0,011	0,120	FALSE
0,075	0,311	0,003	0,013	0,105	FALSE

-0,033	0,325	-0,002	0,009	0,064	FALSE
-0,148	0,295	-0,005	0,011	0,178	FALSE
-0,099	0,302	-0,003	0,010	0,105	FALSE
0,002	0,313	0,000	0,006	0,007	FALSE
0,015	0,303	0,000	0,006	0,010	FALSE
0,042	0,307	0,000	0,007	0,022	FALSE
0,050	0,300	0,001	0,006	0,030	FALSE
0,039	0,309	0,001	0,007	0,054	FALSE
0,038	0,320	0,000	0,007	0,025	FALSE
0,042	0,306	0,001	0,007	0,038	FALSE
0,130	0,305	0,004	0,010	0,173	FALSE
0,100	0,303	0,002	0,009	0,100	FALSE
0,043	0,317	0,001	0,007	0,074	FALSE
0,023	0,314	0,001	0,008	0,025	FALSE
0,024	0,317	0,000	0,007	0,018	FALSE
-0,073	0,308	-0,002	0,008	0,087	FALSE
-0,059	0,308	-0,002	0,010	0,069	FALSE
-0,023	0,322	-0,001	0,011	0,022	FALSE
0,164	0,302	0,006	0,013	0,208	FALSE
0,108	0,302	0,002	0,006	0,123	FALSE
0,107	0,299	0,002	0,006	0,116	FALSE
0,117	0,292	0,005	0,012	0,175	FALSE
0,056	0,304	0,001	0,007	0,051	FALSE
-0,046	0,312	-0,001	0,007	0,054	FALSE
-0,019	0,316	-0,001	0,006	0,034	FALSE
0,092	0,295	0,003	0,011	0,115	FALSE
-0,051	0,306	-0,001	0,008	0,051	FALSE
-0,060	0,311	-0,001	0,008	0,065	FALSE
-0,046	0,304	-0,001	0,008	0,040	FALSE
-0,058	0,322	-0,001	0,008	0,067	FALSE
-0,037	0,312	-0,001	0,008	0,040	FALSE
-0,054	0,313	-0,002	0,008	0,069	FALSE
-0,031	0,321	0,000	0,009	0,019	FALSE
0,102	0,299	0,004	0,010	0,138	FALSE
0,144	0,310	0,005	0,011	0,178	FALSE
0,015	0,302	0,001	0,008	0,034	FALSE
-0,128	0,309	-0,005	0,011	0,201	FALSE
-0,030	0,312	-0,001	0,007	0,041	FALSE
0,048	0,312	0,001	0,009	0,049	FALSE
0,098	0,321	0,002	0,008	0,111	FALSE
0,006	0,321	0,000	0,009	0,002	FALSE
0,011	0,292	0,001	0,010	0,025	FALSE
0,062	0,304	0,003	0,013	0,079	FALSE
0,125	0,320	0,006	0,013	0,172	FALSE
0,114	0,316	0,005	0,013	0,140	FALSE
0,082	0,301	0,003	0,012	0,108	FALSE
0,051	0,313	0,001	0,006	0,076	FALSE
0,076	0,296	0,003	0,010	0,111	FALSE
-0,022	0,318	-0,001	0,010	0,028	FALSE
-0,018	0,323	0,000	0,009	0,018	FALSE
-0,061	0,291	-0,004	0,012	0,133	FALSE
-0,019	0,321	0,000	0,013	0,010	FALSE
-0,044	0,301	-0,003	0,012	0,089	FALSE

0,022	0,304	0,001	0,008	0,041	FALSE
0,067	0,307	0,002	0,008	0,106	FALSE
-0,004	0,311	0,000	0,008	0,011	FALSE
0,097	0,299	0,002	0,007	0,152	FALSE
0,004	0,303	0,000	0,009	0,007	FALSE
-0,154	0,311	-0,005	0,011	0,201	FALSE
-0,109	0,291	-0,003	0,010	0,109	FALSE
0,036	0,301	0,001	0,009	0,048	FALSE
-0,011	0,305	0,000	0,012	0,014	FALSE
-0,079	0,324	-0,003	0,011	0,096	FALSE
-0,076	0,314	-0,002	0,009	0,086	FALSE
0,162	0,305	0,006	0,011	0,239	FALSE
0,031	0,319	0,001	0,013	0,035	FALSE
0,036	0,297	0,001	0,010	0,036	FALSE
-0,027	0,312	-0,001	0,007	0,046	FALSE
-0,087	0,296	-0,002	0,006	0,134	FALSE
-0,017	0,289	-0,001	0,008	0,023	FALSE
-0,160	0,306	-0,006	0,011	0,243	FALSE
-0,173	0,303	-0,007	0,011	0,274	FALSE
-0,051	0,300	-0,001	0,007	0,053	FALSE
0,105	0,300	0,003	0,008	0,157	FALSE
0,096	0,318	0,003	0,012	0,101	FALSE
0,001	0,304	0,001	0,012	0,033	FALSE
-0,066	0,312	-0,003	0,011	0,087	FALSE
-0,083	0,305	-0,002	0,009	0,088	FALSE
0,042	0,308	0,001	0,007	0,062	FALSE
-0,004	0,313	0,000	0,013	0,000	FALSE
-0,005	0,311	0,000	0,012	0,001	FALSE
-0,013	0,318	0,000	0,013	0,011	FALSE
0,065	0,311	0,001	0,007	0,070	FALSE
0,001	0,305	0,000	0,012	0,008	FALSE
-0,016	0,317	-0,001	0,013	0,014	FALSE
0,003	0,302	0,000	0,007	0,000	FALSE
-0,046	0,306	-0,001	0,007	0,044	FALSE
-0,034	0,296	-0,001	0,008	0,065	FALSE
-0,053	0,298	-0,002	0,009	0,061	FALSE
-0,061	0,317	-0,002	0,010	0,060	FALSE
0,008	0,315	0,001	0,012	0,017	FALSE
0,039	0,318	0,001	0,013	0,043	FALSE
-0,020	0,289	0,000	0,009	0,017	FALSE
0,034	0,319	0,001	0,013	0,031	FALSE
-0,160	0,297	-0,006	0,009	0,262	FALSE
-0,047	0,302	-0,001	0,007	0,064	FALSE
0,045	0,307	0,002	0,007	0,096	FALSE
-0,003	0,308	0,000	0,008	0,015	FALSE
-0,089	0,300	-0,003	0,011	0,124	FALSE
0,123	0,292	0,003	0,008	0,158	FALSE
0,148	0,286	0,004	0,007	0,219	FALSE
0,055	0,293	0,002	0,011	0,076	FALSE
-0,023	0,322	0,000	0,011	0,007	FALSE
0,099	0,305	0,003	0,013	0,093	FALSE
-0,026	0,297	0,000	0,013	0,005	FALSE
-0,020	0,294	-0,001	0,009	0,024	FALSE

-0,065	0,311	-0,002	0,008	0,078	FALSE
0,090	0,300	0,003	0,011	0,103	FALSE
0,057	0,308	0,002	0,012	0,058	FALSE
-0,007	0,298	0,000	0,009	0,015	FALSE
-0,173	0,304	-0,007	0,011	0,270	FALSE
-0,162	0,295	-0,006	0,011	0,247	FALSE
-0,175	0,316	-0,007	0,012	0,253	FALSE
-0,152	0,303	-0,006	0,011	0,217	FALSE
-0,166	0,303	-0,006	0,011	0,238	FALSE
0,001	0,310	0,000	0,012	0,007	FALSE
-0,041	0,306	-0,002	0,011	0,049	FALSE
-0,068	0,312	-0,003	0,012	0,082	FALSE
-0,088	0,309	-0,002	0,008	0,108	FALSE
0,067	0,304	0,002	0,010	0,089	FALSE
0,018	0,312	0,001	0,010	0,041	FALSE
0,040	0,308	0,001	0,006	0,070	FALSE
-0,082	0,295	-0,002	0,007	0,138	FALSE
-0,068	0,310	-0,003	0,013	0,089	FALSE
-0,013	0,305	0,000	0,010	0,010	FALSE
-0,023	0,306	-0,001	0,008	0,031	FALSE
0,061	0,304	0,002	0,009	0,070	FALSE
0,067	0,315	0,002	0,009	0,081	FALSE
-0,039	0,302	-0,001	0,009	0,030	FALSE
0,104	0,304	0,004	0,013	0,124	FALSE
-0,059	0,318	-0,001	0,008	0,070	FALSE
-0,093	0,297	-0,002	0,007	0,108	FALSE
0,027	0,313	0,000	0,013	0,001	FALSE
0,019	0,309	0,001	0,006	0,030	FALSE
0,052	0,314	0,001	0,008	0,062	FALSE
0,050	0,308	0,001	0,009	0,046	FALSE
-0,088	0,311	-0,002	0,007	0,089	FALSE
-0,056	0,294	-0,002	0,011	0,084	FALSE
0,127	0,307	0,004	0,010	0,170	FALSE
0,035	0,297	0,002	0,008	0,068	FALSE
0,142	0,315	0,004	0,008	0,220	FALSE
0,199	0,305	0,005	0,008	0,241	FALSE
0,139	0,298	0,003	0,007	0,194	FALSE
-0,040	0,304	-0,001	0,013	0,029	FALSE
-0,018	0,302	-0,001	0,012	0,029	FALSE
-0,089	0,316	-0,003	0,010	0,101	FALSE
-0,131	0,288	-0,004	0,008	0,182	FALSE
0,063	0,298	0,002	0,012	0,070	FALSE
0,036	0,303	0,001	0,013	0,039	FALSE
-0,017	0,307	-0,001	0,009	0,056	FALSE
0,099	0,304	0,004	0,011	0,141	FALSE
0,131	0,290	0,005	0,012	0,178	FALSE
-0,095	0,302	-0,004	0,011	0,157	FALSE
-0,090	0,309	-0,004	0,010	0,143	FALSE
0,164	0,307	0,004	0,009	0,210	FALSE
0,016	0,313	0,000	0,012	0,005	FALSE
0,070	0,303	0,004	0,013	0,110	FALSE
0,094	0,312	0,004	0,013	0,121	FALSE
0,048	0,304	0,002	0,010	0,079	FALSE

-0,095	0,305	-0,004	0,012	0,135	FALSE
-0,040	0,312	-0,001	0,010	0,052	FALSE
-0,077	0,318	-0,002	0,010	0,084	FALSE
-0,095	0,292	-0,004	0,011	0,140	FALSE
-0,085	0,298	-0,003	0,011	0,121	FALSE
-0,058	0,305	-0,002	0,007	0,097	FALSE
-0,080	0,311	-0,004	0,012	0,113	FALSE
-0,071	0,317	-0,003	0,012	0,081	FALSE
0,020	0,318	0,000	0,013	0,007	FALSE
-0,072	0,325	-0,003	0,013	0,093	FALSE
-0,086	0,303	-0,002	0,006	0,142	FALSE
0,179	0,306	0,004	0,007	0,274	FALSE
0,041	0,315	0,002	0,011	0,071	FALSE
0,024	0,322	0,001	0,012	0,029	FALSE
0,029	0,309	0,001	0,009	0,034	FALSE
0,042	0,307	0,001	0,008	0,043	FALSE
-0,071	0,289	-0,002	0,012	0,071	FALSE
0,034	0,307	0,002	0,013	0,067	FALSE
-0,018	0,300	-0,001	0,009	0,037	FALSE
-0,119	0,303	-0,003	0,007	0,141	FALSE
0,018	0,305	0,000	0,007	0,009	FALSE
-0,062	0,323	-0,001	0,008	0,065	FALSE
-0,035	0,313	-0,001	0,012	0,034	FALSE
0,027	0,309	0,001	0,010	0,026	FALSE
-0,041	0,299	0,000	0,008	0,015	FALSE
-0,023	0,308	-0,001	0,007	0,030	FALSE
0,089	0,305	0,003	0,011	0,120	FALSE
-0,035	0,295	0,000	0,007	0,014	FALSE
0,098	0,305	0,002	0,008	0,108	FALSE
-0,032	0,300	0,000	0,006	0,026	FALSE
0,063	0,295	0,001	0,012	0,034	FALSE
-0,017	0,316	0,000	0,008	0,013	FALSE
-0,048	0,307	-0,002	0,011	0,072	FALSE
-0,036	0,313	-0,002	0,011	0,050	FALSE
-0,113	0,306	-0,005	0,011	0,162	FALSE
0,066	0,311	0,002	0,011	0,077	FALSE
0,061	0,309	0,002	0,011	0,070	FALSE
0,079	0,300	0,002	0,007	0,117	FALSE
-0,073	0,312	-0,003	0,013	0,089	FALSE
-0,119	0,310	-0,004	0,011	0,142	FALSE
0,020	0,312	0,000	0,008	0,018	FALSE
0,082	0,300	0,003	0,008	0,127	FALSE
-0,117	0,295	-0,004	0,009	0,175	FALSE
0,005	0,298	-0,001	0,011	0,017	FALSE
0,092	0,309	0,003	0,008	0,140	FALSE
0,074	0,306	0,001	0,008	0,071	FALSE
-0,049	0,315	-0,002	0,012	0,078	FALSE
-0,029	0,307	-0,001	0,010	0,037	FALSE
0,023	0,305	0,001	0,007	0,028	FALSE
0,069	0,314	0,002	0,007	0,087	FALSE
-0,011	0,314	0,000	0,007	0,005	FALSE
-0,057	0,303	-0,001	0,006	0,065	FALSE
0,095	0,304	0,002	0,007	0,134	FALSE

-0,076	0,327	-0,002	0,008	0,085	FALSE
-0,163	0,291	-0,005	0,008	0,246	FALSE
0,141	0,297	0,006	0,011	0,219	FALSE
-0,083	0,312	-0,002	0,011	0,071	FALSE
0,141	0,308	0,003	0,007	0,164	FALSE
-0,051	0,310	-0,001	0,007	0,045	FALSE
0,116	0,305	0,003	0,007	0,184	FALSE
-0,045	0,298	-0,002	0,011	0,082	FALSE
0,005	0,310	0,000	0,009	0,008	FALSE
0,040	0,325	0,001	0,007	0,073	FALSE
0,013	0,292	0,000	0,011	0,003	FALSE
-0,042	0,278	-0,001	0,011	0,045	FALSE
0,122	0,304	0,004	0,012	0,154	FALSE
-0,023	0,318	-0,001	0,013	0,025	FALSE
0,006	0,325	0,000	0,007	0,015	FALSE
-0,010	0,301	-0,001	0,009	0,041	FALSE
-0,088	0,302	-0,002	0,008	0,111	FALSE
-0,006	0,302	0,000	0,007	0,008	FALSE
-0,036	0,313	-0,001	0,011	0,048	FALSE
-0,031	0,314	-0,001	0,012	0,028	FALSE
-0,040	0,312	0,000	0,006	0,021	FALSE
-0,013	0,309	-0,001	0,013	0,025	FALSE
-0,004	0,297	-0,001	0,012	0,020	FALSE
0,014	0,301	0,000	0,012	0,004	FALSE
0,002	0,304	0,001	0,011	0,018	FALSE
0,062	0,309	0,002	0,008	0,090	FALSE
-0,026	0,305	-0,002	0,009	0,071	FALSE
-0,014	0,310	0,000	0,012	0,003	FALSE
-0,010	0,307	-0,001	0,009	0,053	FALSE
0,000	0,300	0,000	0,011	0,000	FALSE
0,126	0,295	0,005	0,010	0,190	FALSE
-0,031	0,304	-0,001	0,008	0,037	FALSE
0,067	0,317	0,003	0,011	0,101	FALSE
-0,023	0,304	-0,001	0,009	0,030	FALSE
-0,009	0,307	-0,001	0,012	0,016	FALSE
-0,001	0,299	0,001	0,009	0,022	FALSE
0,004	0,295	0,001	0,007	0,030	FALSE
-0,011	0,310	0,000	0,010	0,006	FALSE
-0,087	0,297	-0,003	0,011	0,106	FALSE
0,069	0,303	0,003	0,013	0,081	FALSE
-0,052	0,303	-0,002	0,007	0,101	FALSE
-0,114	0,300	-0,002	0,007	0,147	FALSE
-0,029	0,302	-0,001	0,008	0,038	FALSE
0,045	0,290	0,001	0,006	0,054	FALSE
-0,036	0,305	-0,001	0,010	0,027	FALSE
0,086	0,300	0,002	0,007	0,122	FALSE
0,124	0,300	0,003	0,007	0,170	FALSE
0,081	0,316	0,002	0,008	0,111	FALSE
-0,031	0,299	-0,003	0,012	0,078	FALSE
-0,014	0,295	0,000	0,011	0,011	FALSE
-0,045	0,316	-0,001	0,011	0,047	FALSE
0,100	0,312	0,003	0,012	0,101	FALSE
-0,105	0,309	-0,004	0,011	0,135	FALSE

-0,075	0,311	-0,003	0,012	0,088	FALSE
-0,066	0,300	-0,002	0,011	0,074	FALSE
0,060	0,319	0,002	0,010	0,059	FALSE
0,082	0,298	0,002	0,006	0,153	FALSE
0,004	0,311	0,001	0,012	0,030	FALSE
0,094	0,313	0,002	0,008	0,121	FALSE
0,082	0,305	0,004	0,013	0,111	FALSE
-0,106	0,305	-0,003	0,008	0,141	FALSE
-0,022	0,299	0,000	0,009	0,014	FALSE
-0,024	0,320	-0,001	0,013	0,014	FALSE
-0,045	0,316	-0,001	0,013	0,035	FALSE
-0,087	0,309	-0,003	0,012	0,092	FALSE
-0,147	0,308	-0,004	0,009	0,173	FALSE
0,133	0,311	0,004	0,010	0,182	FALSE
-0,139	0,302	-0,005	0,011	0,184	FALSE
0,000	0,310	0,000	0,008	0,007	FALSE
-0,031	0,301	-0,002	0,012	0,047	FALSE
-0,003	0,312	0,000	0,011	0,012	FALSE
-0,002	0,309	0,000	0,011	0,009	FALSE
0,021	0,314	0,000	0,011	0,016	FALSE
0,106	0,296	0,004	0,010	0,187	FALSE
-0,106	0,310	-0,003	0,010	0,118	FALSE
-0,045	0,298	-0,001	0,007	0,037	FALSE
-0,045	0,296	-0,001	0,009	0,041	FALSE
-0,010	0,305	-0,001	0,009	0,057	FALSE
0,063	0,318	0,002	0,012	0,057	FALSE
-0,094	0,320	-0,003	0,008	0,138	FALSE
-0,031	0,312	-0,001	0,009	0,026	FALSE
-0,003	0,296	0,001	0,009	0,025	FALSE
0,032	0,298	0,001	0,008	0,052	FALSE
0,037	0,312	0,001	0,010	0,042	FALSE
0,041	0,314	0,001	0,007	0,074	FALSE
0,025	0,306	0,002	0,010	0,058	FALSE
-0,096	0,312	-0,002	0,009	0,107	FALSE
-0,066	0,301	-0,002	0,007	0,085	FALSE
-0,002	0,311	0,000	0,009	0,010	FALSE
-0,112	0,316	-0,002	0,007	0,120	FALSE
-0,016	0,320	-0,001	0,008	0,040	FALSE
-0,136	0,301	-0,005	0,013	0,174	FALSE
0,067	0,317	0,002	0,010	0,067	FALSE
-0,212	0,296	-0,006	0,009	0,342	FALSE
0,135	0,310	0,005	0,011	0,182	FALSE
0,067	0,294	0,002	0,009	0,098	FALSE
0,018	0,313	0,001	0,009	0,034	FALSE
0,075	0,303	0,002	0,008	0,107	FALSE
-0,085	0,307	-0,003	0,009	0,129	FALSE
0,072	0,307	0,002	0,008	0,100	FALSE
-0,007	0,304	-0,001	0,009	0,035	FALSE
0,051	0,303	0,002	0,011	0,072	FALSE
0,103	0,307	0,003	0,007	0,144	FALSE
0,033	0,318	0,001	0,013	0,042	FALSE
-0,001	0,308	0,000	0,013	0,007	FALSE
0,105	0,302	0,004	0,011	0,151	FALSE

-0,093	0,299	-0,002	0,008	0,103	FALSE
-0,152	0,298	-0,007	0,013	0,232	FALSE
0,072	0,306	0,004	0,012	0,110	FALSE
0,034	0,316	0,002	0,012	0,055	FALSE
0,047	0,316	0,002	0,012	0,058	FALSE
0,098	0,303	0,004	0,011	0,131	FALSE
-0,082	0,292	-0,003	0,009	0,132	FALSE
-0,068	0,315	-0,003	0,011	0,094	FALSE
0,018	0,309	0,001	0,011	0,034	FALSE
0,009	0,312	0,001	0,011	0,032	FALSE
-0,036	0,302	-0,001	0,010	0,032	FALSE
-0,063	0,304	-0,002	0,011	0,075	FALSE
0,110	0,305	0,005	0,011	0,174	FALSE
-0,104	0,313	-0,004	0,013	0,120	FALSE
-0,082	0,290	-0,002	0,008	0,105	FALSE
-0,107	0,295	-0,002	0,006	0,150	FALSE
0,135	0,296	0,005	0,010	0,203	FALSE
-0,106	0,316	-0,003	0,008	0,170	FALSE
-0,038	0,311	-0,002	0,012	0,050	FALSE
-0,011	0,305	-0,001	0,011	0,039	FALSE
-0,087	0,304	-0,003	0,012	0,098	FALSE
-0,161	0,294	-0,007	0,013	0,245	FALSE
-0,033	0,290	-0,002	0,012	0,062	FALSE
-0,062	0,315	-0,002	0,008	0,074	FALSE
-0,007	0,316	0,000	0,008	0,006	FALSE
-0,059	0,319	-0,002	0,011	0,072	FALSE
-0,001	0,289	0,000	0,010	0,006	FALSE
0,091	0,303	0,003	0,009	0,125	FALSE
0,003	0,320	0,000	0,013	0,012	FALSE
0,056	0,302	0,002	0,012	0,071	FALSE
0,071	0,281	0,003	0,010	0,100	FALSE
0,039	0,288	0,000	0,006	0,021	FALSE
-0,065	0,307	-0,003	0,012	0,090	FALSE
-0,054	0,306	-0,001	0,007	0,048	FALSE
-0,066	0,303	-0,003	0,011	0,097	FALSE
-0,046	0,313	-0,002	0,012	0,064	FALSE
0,014	0,314	0,000	0,009	0,012	FALSE
0,064	0,301	0,003	0,012	0,099	FALSE
-0,110	0,298	-0,003	0,009	0,129	FALSE
-0,045	0,302	-0,002	0,013	0,049	FALSE
0,073	0,308	0,003	0,012	0,107	FALSE
-0,001	0,296	0,000	0,007	0,008	FALSE
0,056	0,305	0,002	0,006	0,101	FALSE
0,078	0,303	0,002	0,006	0,123	FALSE
0,000	0,313	0,000	0,006	0,011	FALSE
-0,036	0,309	-0,001	0,009	0,026	FALSE
0,065	0,310	0,003	0,012	0,094	FALSE
-0,160	0,309	-0,007	0,013	0,221	FALSE
-0,001	0,310	0,000	0,012	0,002	FALSE
0,167	0,306	0,004	0,006	0,267	FALSE
-0,097	0,305	-0,004	0,012	0,128	FALSE
-0,115	0,304	-0,005	0,012	0,164	FALSE
-0,104	0,313	-0,004	0,012	0,135	FALSE

-0,060	0,307	-0,001	0,007	0,057	FALSE
0,049	0,317	0,001	0,007	0,068	FALSE
0,065	0,316	0,002	0,013	0,054	FALSE
-0,027	0,315	-0,001	0,010	0,035	FALSE
-0,010	0,294	0,000	0,006	0,004	FALSE
-0,093	0,309	-0,003	0,011	0,124	FALSE
-0,082	0,301	-0,001	0,006	0,085	FALSE
-0,076	0,299	-0,002	0,007	0,093	FALSE
-0,048	0,292	-0,001	0,010	0,042	FALSE
-0,009	0,308	0,000	0,010	0,001	FALSE
-0,101	0,307	-0,004	0,009	0,154	FALSE
0,033	0,306	0,001	0,007	0,055	FALSE
0,073	0,306	0,002	0,007	0,077	FALSE
-0,030	0,298	-0,001	0,008	0,041	FALSE
-0,067	0,297	-0,003	0,013	0,080	FALSE
-0,007	0,312	0,000	0,013	0,008	FALSE
0,019	0,330	0,001	0,014	0,015	FALSE
0,019	0,317	0,001	0,013	0,023	FALSE
0,026	0,302	0,001	0,013	0,016	FALSE
0,025	0,309	0,001	0,013	0,038	FALSE
-0,026	0,300	0,000	0,012	0,010	FALSE
0,021	0,294	0,000	0,006	0,005	FALSE
-0,034	0,294	-0,001	0,007	0,048	FALSE
-0,011	0,309	0,000	0,007	0,012	FALSE
-0,068	0,303	-0,002	0,008	0,094	FALSE
-0,036	0,299	0,000	0,011	0,005	FALSE
-0,061	0,298	-0,001	0,007	0,056	FALSE
-0,061	0,306	-0,002	0,012	0,054	FALSE
-0,006	0,311	0,000	0,010	0,014	FALSE
-0,034	0,313	-0,002	0,013	0,052	FALSE
-0,026	0,304	-0,001	0,013	0,026	FALSE
0,033	0,303	0,001	0,013	0,039	FALSE
0,014	0,304	0,001	0,013	0,019	FALSE
-0,076	0,278	-0,002	0,008	0,113	FALSE
0,066	0,312	0,002	0,009	0,101	FALSE
0,061	0,311	0,002	0,010	0,057	FALSE
-0,120	0,301	-0,003	0,007	0,149	FALSE
-0,008	0,318	0,000	0,007	0,002	FALSE
-0,201	0,300	-0,008	0,011	0,298	FALSE
-0,185	0,289	-0,007	0,011	0,283	FALSE
0,144	0,302	0,004	0,007	0,226	FALSE
0,101	0,304	0,004	0,011	0,163	FALSE
-0,090	0,312	-0,004	0,010	0,159	FALSE
0,113	0,296	0,004	0,011	0,145	FALSE
-0,101	0,305	-0,004	0,010	0,173	FALSE
-0,110	0,304	-0,005	0,010	0,190	FALSE
-0,107	0,305	-0,004	0,010	0,170	FALSE
-0,054	0,303	-0,002	0,010	0,075	FALSE
0,009	0,306	0,000	0,007	0,004	FALSE
0,072	0,306	0,004	0,012	0,116	FALSE
0,029	0,307	0,001	0,009	0,024	FALSE
0,045	0,300	0,001	0,011	0,048	FALSE
0,028	0,313	0,001	0,011	0,040	FALSE

-0,116	0,301	-0,005	0,013	0,152	FALSE
0,219	0,292	0,008	0,011	0,318	FALSE
-0,166	0,302	-0,007	0,013	0,249	FALSE
0,094	0,302	0,003	0,010	0,132	FALSE
0,073	0,304	0,002	0,009	0,103	FALSE
0,088	0,312	0,002	0,007	0,093	FALSE
0,116	0,307	0,003	0,009	0,158	FALSE
0,012	0,322	0,000	0,013	0,002	FALSE
0,055	0,305	0,001	0,006	0,077	FALSE
0,038	0,302	0,001	0,008	0,048	FALSE
0,120	0,307	0,003	0,009	0,157	FALSE
0,062	0,313	0,002	0,008	0,094	FALSE
0,012	0,307	0,000	0,012	0,001	FALSE
-0,073	0,292	-0,002	0,007	0,119	FALSE
0,035	0,295	0,001	0,009	0,020	FALSE
0,006	0,311	0,000	0,012	0,002	FALSE
-0,034	0,311	-0,001	0,011	0,031	FALSE
-0,053	0,297	-0,001	0,006	0,067	FALSE
0,121	0,297	0,002	0,008	0,122	FALSE
-0,006	0,305	0,000	0,006	0,009	FALSE
-0,027	0,311	0,000	0,006	0,022	FALSE
-0,067	0,301	-0,001	0,008	0,067	FALSE
0,026	0,314	0,001	0,012	0,044	FALSE
-0,064	0,316	-0,002	0,007	0,080	FALSE
0,105	0,308	0,004	0,010	0,139	FALSE
0,026	0,305	0,001	0,009	0,035	FALSE
-0,161	0,296	-0,007	0,011	0,254	FALSE
-0,008	0,304	0,000	0,012	0,003	FALSE
0,064	0,305	0,003	0,013	0,105	FALSE
0,078	0,307	0,003	0,012	0,104	FALSE
-0,112	0,317	-0,004	0,010	0,140	FALSE
0,047	0,297	0,001	0,006	0,067	FALSE
-0,052	0,313	-0,001	0,010	0,053	FALSE
0,093	0,294	0,004	0,013	0,111	FALSE
0,027	0,301	0,001	0,009	0,034	FALSE
0,092	0,315	0,004	0,013	0,106	FALSE
-0,064	0,312	-0,002	0,010	0,076	FALSE
-0,059	0,304	-0,001	0,009	0,052	FALSE
0,130	0,313	0,005	0,011	0,169	FALSE
-0,014	0,305	0,000	0,009	0,008	FALSE
-0,041	0,305	-0,001	0,010	0,027	FALSE
0,109	0,292	0,004	0,012	0,127	FALSE
-0,040	0,301	-0,001	0,008	0,053	FALSE
-0,037	0,303	-0,001	0,007	0,057	FALSE
-0,078	0,303	-0,003	0,011	0,105	FALSE
-0,062	0,303	-0,002	0,010	0,080	FALSE
-0,002	0,301	0,000	0,006	0,009	FALSE
0,111	0,305	0,002	0,006	0,123	FALSE
-0,017	0,309	0,000	0,009	0,016	FALSE
0,019	0,303	0,001	0,007	0,031	FALSE
0,040	0,309	0,002	0,013	0,065	FALSE
-0,085	0,315	-0,002	0,011	0,089	FALSE
0,063	0,307	0,002	0,011	0,065	FALSE

0,028	0,312	0,001	0,013	0,028	FALSE
-0,017	0,320	-0,001	0,012	0,035	FALSE
0,011	0,306	0,001	0,009	0,053	FALSE
0,002	0,297	0,001	0,009	0,035	FALSE
-0,064	0,314	-0,002	0,009	0,083	FALSE
0,025	0,321	0,001	0,011	0,036	FALSE
-0,055	0,300	-0,002	0,010	0,065	FALSE
-0,093	0,287	-0,002	0,007	0,086	FALSE
-0,052	0,324	-0,001	0,008	0,052	FALSE
-0,042	0,306	-0,001	0,010	0,054	FALSE
-0,072	0,305	-0,003	0,010	0,114	FALSE
-0,071	0,315	-0,001	0,006	0,070	FALSE
0,071	0,318	0,002	0,007	0,111	FALSE
0,003	0,317	0,001	0,013	0,021	FALSE
0,042	0,314	0,001	0,013	0,031	FALSE
-0,057	0,298	-0,002	0,010	0,055	FALSE
-0,047	0,301	-0,001	0,010	0,051	FALSE
-0,006	0,300	0,000	0,011	0,008	FALSE
0,029	0,320	0,001	0,007	0,027	FALSE
-0,076	0,311	-0,003	0,013	0,093	FALSE
0,049	0,308	0,001	0,009	0,049	FALSE
0,127	0,299	0,006	0,012	0,207	FALSE
0,144	0,309	0,006	0,013	0,211	FALSE
0,204	0,312	0,006	0,008	0,308	FALSE
0,097	0,303	0,004	0,011	0,126	FALSE
0,096	0,315	0,004	0,011	0,126	FALSE
0,008	0,314	0,000	0,008	0,018	FALSE
0,193	0,293	0,007	0,010	0,302	FALSE
-0,014	0,299	0,000	0,008	0,006	FALSE
0,028	0,305	0,001	0,009	0,049	FALSE
-0,106	0,311	-0,003	0,009	0,125	FALSE
0,038	0,311	0,002	0,009	0,070	FALSE
0,060	0,314	0,002	0,010	0,082	FALSE
0,048	0,301	0,002	0,011	0,074	FALSE
-0,014	0,295	-0,001	0,012	0,038	FALSE
-0,068	0,321	-0,002	0,011	0,088	FALSE
0,022	0,313	0,001	0,013	0,025	FALSE
0,059	0,312	0,002	0,014	0,067	FALSE
0,076	0,300	0,004	0,012	0,121	FALSE
0,027	0,296	0,000	0,007	0,004	FALSE
-0,019	0,305	-0,001	0,012	0,018	FALSE
-0,045	0,314	-0,001	0,012	0,036	FALSE
-0,022	0,302	-0,001	0,012	0,033	FALSE
0,114	0,310	0,003	0,009	0,139	FALSE
0,118	0,308	0,004	0,010	0,142	FALSE
0,027	0,306	0,001	0,006	0,062	FALSE
-0,015	0,313	0,000	0,007	0,001	FALSE
0,014	0,309	0,000	0,011	0,016	FALSE
-0,009	0,300	-0,001	0,012	0,024	FALSE
-0,073	0,312	-0,002	0,007	0,095	FALSE
0,081	0,300	0,002	0,010	0,093	FALSE
0,093	0,316	0,003	0,009	0,122	FALSE
0,046	0,301	0,001	0,007	0,049	FALSE

-0,061	0,306	-0,002	0,012	0,063	FALSE
0,034	0,320	0,001	0,008	0,035	FALSE
0,044	0,313	0,001	0,010	0,033	FALSE
0,058	0,317	0,002	0,010	0,056	FALSE
0,047	0,311	0,000	0,009	0,017	FALSE
0,028	0,307	0,001	0,007	0,064	FALSE
0,016	0,317	0,000	0,009	0,005	FALSE
0,006	0,318	0,000	0,010	0,000	FALSE
-0,028	0,317	-0,001	0,010	0,019	FALSE
0,053	0,308	0,002	0,013	0,065	FALSE
0,011	0,306	0,000	0,013	0,004	FALSE
-0,069	0,319	-0,003	0,011	0,092	FALSE
-0,009	0,319	-0,001	0,009	0,029	FALSE
0,122	0,302	0,006	0,012	0,219	FALSE
0,134	0,293	0,006	0,012	0,231	FALSE
0,018	0,293	0,000	0,012	0,004	FALSE
0,009	0,309	0,000	0,012	0,012	FALSE
0,041	0,305	0,002	0,012	0,061	FALSE
0,022	0,302	0,000	0,010	0,016	FALSE
-0,097	0,299	-0,004	0,012	0,133	FALSE
0,014	0,306	0,000	0,009	0,010	FALSE
-0,054	0,314	-0,001	0,006	0,068	FALSE
-0,001	0,332	0,000	0,008	0,006	FALSE
-0,097	0,307	-0,002	0,008	0,108	FALSE
0,092	0,299	0,002	0,010	0,082	FALSE
-0,008	0,294	0,000	0,011	0,015	FALSE
0,024	0,318	0,001	0,013	0,042	FALSE
0,112	0,302	0,003	0,007	0,160	FALSE
0,044	0,303	0,001	0,011	0,051	FALSE
-0,074	0,296	-0,002	0,010	0,081	FALSE
0,157	0,302	0,006	0,011	0,221	FALSE
0,116	0,316	0,004	0,010	0,151	FALSE
0,161	0,307	0,004	0,008	0,220	FALSE
0,061	0,314	0,001	0,007	0,076	FALSE
0,020	0,310	0,001	0,007	0,047	FALSE
0,031	0,315	0,001	0,007	0,058	FALSE
-0,130	0,322	-0,003	0,007	0,162	FALSE
0,067	0,309	0,002	0,013	0,070	FALSE
-0,042	0,303	-0,002	0,012	0,049	FALSE
-0,077	0,301	-0,001	0,008	0,071	FALSE
0,210	0,308	0,007	0,010	0,306	FALSE
-0,221	0,287	-0,007	0,010	0,310	TRUE
0,010	0,315	0,000	0,007	0,021	FALSE
-0,034	0,319	-0,001	0,009	0,030	FALSE
-0,021	0,310	0,000	0,007	0,014	FALSE
-0,017	0,310	-0,001	0,007	0,029	FALSE
-0,022	0,308	-0,001	0,007	0,026	FALSE
-0,038	0,308	-0,001	0,011	0,042	FALSE
-0,012	0,309	0,000	0,008	0,019	FALSE
-0,061	0,308	-0,002	0,011	0,070	FALSE
-0,006	0,300	0,000	0,008	0,006	FALSE
-0,050	0,309	-0,001	0,008	0,049	FALSE
0,083	0,304	0,003	0,009	0,137	FALSE

0,003	0,319	0,000	0,013	0,001	FALSE
0,054	0,300	0,002	0,011	0,086	FALSE
0,064	0,304	0,003	0,012	0,085	FALSE
-0,008	0,316	0,000	0,010	0,008	FALSE
-0,034	0,294	-0,001	0,012	0,042	FALSE
0,062	0,310	0,002	0,007	0,096	FALSE
0,065	0,318	0,001	0,010	0,050	FALSE
0,058	0,306	0,001	0,008	0,066	FALSE
0,095	0,312	0,002	0,008	0,107	FALSE
0,128	0,287	0,004	0,009	0,199	FALSE
0,033	0,302	0,000	0,008	0,003	FALSE
0,146	0,286	0,003	0,007	0,163	FALSE
0,185	0,312	0,005	0,008	0,235	FALSE
0,168	0,300	0,004	0,008	0,190	FALSE
0,027	0,303	0,001	0,009	0,038	FALSE
-0,031	0,294	-0,001	0,006	0,067	FALSE
-0,006	0,308	0,000	0,007	0,007	FALSE
0,005	0,298	0,000	0,006	0,017	FALSE
0,231	0,304	0,009	0,013	0,336	FALSE
0,000	0,307	0,000	0,007	0,012	FALSE
-0,120	0,294	-0,006	0,012	0,214	FALSE
-0,007	0,297	-0,001	0,010	0,029	FALSE
-0,003	0,327	-0,001	0,011	0,019	FALSE
0,062	0,310	0,002	0,007	0,089	FALSE
-0,002	0,304	0,000	0,006	0,008	FALSE
-0,019	0,303	0,000	0,007	0,013	FALSE
-0,100	0,300	-0,003	0,011	0,112	FALSE
0,158	0,313	0,004	0,008	0,178	FALSE
-0,010	0,307	0,000	0,009	0,008	FALSE
-0,031	0,312	0,000	0,008	0,020	FALSE
0,134	0,311	0,003	0,007	0,150	FALSE
-0,142	0,300	-0,002	0,006	0,152	FALSE
0,075	0,301	0,002	0,009	0,061	FALSE
0,010	0,298	0,000	0,009	0,011	FALSE
-0,013	0,305	-0,001	0,012	0,022	FALSE
-0,014	0,299	-0,001	0,012	0,025	FALSE
0,049	0,303	0,002	0,011	0,066	FALSE
-0,028	0,309	-0,001	0,009	0,041	FALSE
-0,036	0,320	-0,002	0,011	0,052	FALSE
-0,047	0,309	-0,002	0,011	0,066	FALSE
0,036	0,292	0,002	0,012	0,080	FALSE
-0,112	0,300	-0,004	0,008	0,174	FALSE
-0,235	0,281	-0,008	0,009	0,428	FALSE
-0,247	0,283	-0,008	0,009	0,445	FALSE
-0,106	0,307	-0,002	0,006	0,149	FALSE
0,148	0,294	0,006	0,011	0,225	FALSE
-0,065	0,307	-0,003	0,012	0,087	FALSE
0,001	0,297	0,000	0,009	0,006	FALSE
0,024	0,317	0,001	0,011	0,031	FALSE
-0,021	0,292	-0,001	0,007	0,040	FALSE
0,020	0,302	0,002	0,013	0,053	FALSE
-0,011	0,305	0,000	0,007	0,013	FALSE
-0,019	0,306	0,000	0,010	0,013	FALSE

0,078	0,312	0,002	0,008	0,104	FALSE
-0,012	0,309	-0,001	0,009	0,033	FALSE
-0,073	0,297	-0,003	0,010	0,125	FALSE
0,034	0,299	0,001	0,007	0,048	FALSE
-0,071	0,312	-0,002	0,007	0,095	FALSE
-0,080	0,321	-0,002	0,007	0,095	FALSE
0,086	0,301	0,002	0,008	0,106	FALSE
0,003	0,307	0,000	0,011	0,001	FALSE
-0,102	0,314	-0,004	0,010	0,145	FALSE
-0,075	0,318	-0,003	0,011	0,092	FALSE
-0,002	0,321	0,000	0,010	0,005	FALSE
-0,082	0,321	-0,003	0,009	0,128	FALSE
0,074	0,317	0,002	0,007	0,090	FALSE
0,041	0,308	0,001	0,007	0,045	FALSE
-0,095	0,304	-0,003	0,010	0,118	FALSE
-0,016	0,302	-0,001	0,007	0,030	FALSE
0,030	0,321	0,001	0,009	0,031	FALSE
-0,078	0,317	-0,004	0,013	0,110	FALSE
0,049	0,318	0,002	0,013	0,054	FALSE
0,028	0,314	0,001	0,012	0,035	FALSE
0,008	0,311	0,000	0,013	0,007	FALSE
-0,011	0,315	0,000	0,010	0,014	FALSE
0,013	0,306	0,000	0,008	0,021	FALSE
-0,004	0,309	-0,001	0,006	0,048	FALSE
-0,091	0,319	-0,002	0,007	0,106	FALSE
-0,105	0,319	-0,002	0,007	0,112	FALSE
-0,042	0,308	-0,001	0,009	0,019	FALSE
0,094	0,303	0,002	0,007	0,110	FALSE
-0,005	0,306	0,001	0,007	0,031	FALSE
-0,033	0,303	-0,001	0,013	0,035	FALSE
-0,043	0,306	-0,001	0,007	0,070	FALSE
0,005	0,304	0,000	0,012	0,003	FALSE
-0,070	0,303	-0,001	0,006	0,092	FALSE
0,116	0,308	0,003	0,007	0,177	FALSE
-0,138	0,308	-0,004	0,008	0,199	FALSE
0,006	0,319	-0,001	0,009	0,021	FALSE
-0,006	0,303	0,000	0,006	0,002	FALSE
-0,063	0,302	-0,003	0,010	0,110	FALSE
-0,082	0,307	-0,002	0,011	0,057	FALSE
0,058	0,306	0,001	0,009	0,051	FALSE
0,025	0,314	0,000	0,008	0,022	FALSE
-0,134	0,300	-0,004	0,007	0,200	FALSE
0,115	0,313	0,003	0,007	0,161	FALSE
0,116	0,316	0,003	0,007	0,157	FALSE
0,017	0,302	0,001	0,007	0,031	FALSE
0,047	0,306	0,001	0,008	0,067	FALSE
0,009	0,302	0,001	0,013	0,030	FALSE
0,018	0,313	0,000	0,008	0,020	FALSE
-0,161	0,295	-0,004	0,009	0,190	FALSE
0,147	0,316	0,006	0,012	0,194	FALSE
-0,091	0,302	-0,002	0,008	0,102	FALSE
0,049	0,319	0,001	0,007	0,073	FALSE
0,001	0,312	0,000	0,009	0,020	FALSE

0,023	0,319	0,002	0,011	0,053	FALSE
-0,006	0,304	-0,001	0,012	0,023	FALSE
-0,013	0,319	0,000	0,011	0,009	FALSE
0,138	0,299	0,004	0,008	0,205	FALSE
0,015	0,318	0,000	0,011	0,002	FALSE
-0,013	0,304	-0,001	0,012	0,032	FALSE
-0,098	0,311	-0,002	0,008	0,126	FALSE
0,049	0,314	0,002	0,009	0,085	FALSE
0,000	0,303	0,000	0,007	0,007	FALSE
-0,041	0,296	-0,001	0,007	0,042	FALSE
-0,007	0,293	-0,001	0,008	0,036	FALSE
-0,022	0,305	-0,001	0,008	0,035	FALSE
-0,074	0,303	-0,003	0,011	0,101	FALSE
0,016	0,308	0,000	0,011	0,006	FALSE
-0,028	0,293	-0,001	0,012	0,044	FALSE
-0,039	0,289	-0,001	0,011	0,049	FALSE
-0,091	0,322	-0,003	0,010	0,140	FALSE
-0,004	0,303	0,000	0,008	0,000	FALSE
-0,002	0,309	-0,001	0,012	0,029	FALSE
0,013	0,315	0,001	0,007	0,035	FALSE
-0,133	0,299	-0,003	0,007	0,185	FALSE
0,024	0,304	0,000	0,006	0,019	FALSE
0,170	0,298	0,007	0,013	0,247	FALSE
0,002	0,302	0,000	0,009	0,012	FALSE
0,008	0,315	0,000	0,009	0,006	FALSE
-0,022	0,307	-0,001	0,009	0,031	FALSE
-0,016	0,308	-0,001	0,009	0,030	FALSE
-0,007	0,315	0,000	0,009	0,015	FALSE
-0,027	0,301	-0,001	0,009	0,037	FALSE
-0,100	0,293	-0,005	0,012	0,168	FALSE
0,090	0,313	0,002	0,010	0,096	FALSE
-0,103	0,306	-0,003	0,011	0,111	FALSE
0,042	0,306	0,001	0,012	0,023	FALSE
0,015	0,307	0,000	0,012	0,007	FALSE
-0,072	0,315	-0,003	0,013	0,096	FALSE
0,073	0,308	0,002	0,013	0,059	FALSE
-0,069	0,306	-0,002	0,008	0,082	FALSE
0,063	0,313	0,002	0,012	0,066	FALSE
-0,004	0,316	0,000	0,012	0,001	FALSE
-0,043	0,312	-0,001	0,011	0,046	FALSE
-0,048	0,299	-0,002	0,009	0,076	FALSE
0,049	0,303	0,001	0,007	0,046	FALSE
-0,011	0,312	0,000	0,011	0,016	FALSE
0,055	0,310	0,001	0,007	0,051	FALSE
0,124	0,304	0,003	0,007	0,196	FALSE
0,108	0,320	0,002	0,007	0,130	FALSE
0,047	0,315	0,002	0,010	0,074	FALSE
0,115	0,312	0,004	0,010	0,168	FALSE
-0,077	0,302	-0,002	0,009	0,086	FALSE
0,199	0,299	0,007	0,012	0,275	FALSE
-0,067	0,295	-0,002	0,008	0,081	FALSE
0,129	0,308	0,005	0,010	0,209	FALSE
0,007	0,311	0,000	0,011	0,015	FALSE

-0,016	0,312	-0,001	0,008	0,038	FALSE
0,018	0,304	0,000	0,013	0,012	FALSE
-0,049	0,309	-0,002	0,012	0,050	FALSE
-0,020	0,311	-0,001	0,010	0,023	FALSE
-0,024	0,290	-0,001	0,009	0,033	FALSE
-0,065	0,306	-0,002	0,009	0,082	FALSE
-0,074	0,309	-0,002	0,009	0,086	FALSE
-0,009	0,297	0,000	0,012	0,011	FALSE
-0,008	0,296	-0,001	0,009	0,037	FALSE
-0,140	0,291	-0,003	0,008	0,137	FALSE
-0,033	0,292	-0,001	0,012	0,041	FALSE
0,017	0,304	0,001	0,010	0,022	FALSE
-0,004	0,305	0,000	0,008	0,008	FALSE
0,004	0,316	0,000	0,010	0,012	FALSE
-0,062	0,297	-0,001	0,007	0,073	FALSE
0,102	0,301	0,005	0,013	0,155	FALSE
-0,185	0,312	-0,006	0,011	0,248	FALSE
0,068	0,314	0,001	0,012	0,037	FALSE
0,012	0,317	0,001	0,007	0,043	FALSE
0,027	0,311	0,000	0,011	0,005	FALSE
0,039	0,324	0,002	0,010	0,057	FALSE
0,042	0,330	0,002	0,013	0,047	FALSE
-0,039	0,301	-0,002	0,008	0,072	FALSE
0,055	0,299	0,001	0,011	0,045	TRUE
0,044	0,296	0,001	0,009	0,039	FALSE
0,079	0,297	0,002	0,008	0,074	FALSE
-0,177	0,296	-0,007	0,011	0,271	FALSE
-0,107	0,297	-0,004	0,009	0,175	FALSE
0,107	0,291	0,002	0,008	0,104	FALSE
-0,036	0,305	-0,001	0,006	0,067	FALSE
-0,054	0,324	-0,002	0,010	0,071	FALSE
0,031	0,321	0,000	0,007	0,013	FALSE
0,042	0,327	0,001	0,014	0,016	FALSE
-0,081	0,312	-0,003	0,011	0,097	FALSE
-0,010	0,302	-0,001	0,007	0,041	FALSE
0,005	0,301	0,001	0,012	0,034	FALSE
0,056	0,319	0,002	0,012	0,056	FALSE
0,046	0,299	0,001	0,010	0,018	FALSE
0,044	0,297	0,000	0,010	0,014	FALSE
-0,072	0,293	-0,001	0,007	0,075	FALSE
-0,101	0,332	-0,004	0,012	0,130	FALSE
-0,095	0,303	-0,002	0,009	0,089	FALSE
-0,061	0,307	-0,001	0,010	0,042	FALSE
-0,010	0,299	-0,001	0,008	0,036	FALSE
0,082	0,314	0,003	0,011	0,103	FALSE
0,078	0,302	0,002	0,007	0,098	FALSE
0,041	0,323	0,001	0,008	0,048	FALSE
0,029	0,294	0,002	0,011	0,061	FALSE
0,006	0,322	0,000	0,007	0,010	FALSE
0,083	0,302	0,003	0,011	0,107	FALSE
-0,054	0,304	-0,001	0,006	0,050	FALSE
-0,024	0,306	0,000	0,008	0,021	FALSE
-0,033	0,307	-0,001	0,010	0,031	FALSE

-0,100	0,312	-0,003	0,009	0,155	FALSE
0,116	0,299	0,003	0,006	0,166	FALSE
0,051	0,319	0,002	0,011	0,064	FALSE
-0,006	0,313	0,000	0,008	0,018	FALSE
0,103	0,311	0,005	0,012	0,159	FALSE
-0,162	0,307	-0,007	0,012	0,238	FALSE
-0,161	0,312	-0,007	0,012	0,240	FALSE
0,032	0,306	0,001	0,010	0,048	FALSE
0,050	0,302	0,001	0,007	0,046	FALSE
0,017	0,325	0,001	0,011	0,041	FALSE
-0,064	0,302	-0,002	0,008	0,113	FALSE
-0,130	0,301	-0,004	0,009	0,194	FALSE
0,069	0,302	0,003	0,010	0,100	FALSE
0,095	0,298	0,002	0,006	0,138	FALSE
0,101	0,317	0,004	0,013	0,124	FALSE
-0,079	0,304	-0,002	0,009	0,083	FALSE
0,059	0,310	0,001	0,008	0,040	FALSE
-0,072	0,316	-0,002	0,008	0,084	FALSE
-0,087	0,304	-0,002	0,008	0,117	FALSE
0,031	0,313	0,001	0,012	0,035	FALSE
0,105	0,299	0,003	0,009	0,134	FALSE
0,064	0,300	0,004	0,012	0,123	FALSE
-0,080	0,306	-0,004	0,013	0,120	FALSE
0,163	0,291	0,007	0,012	0,254	FALSE
-0,099	0,304	-0,003	0,009	0,113	FALSE
-0,019	0,312	-0,001	0,009	0,021	FALSE
-0,096	0,313	-0,002	0,007	0,119	FALSE
0,134	0,304	0,003	0,007	0,197	FALSE
0,104	0,302	0,002	0,006	0,125	FALSE
0,017	0,311	0,000	0,006	0,010	FALSE
0,074	0,309	0,003	0,010	0,097	FALSE
0,035	0,299	0,001	0,012	0,036	FALSE
-0,042	0,297	-0,002	0,013	0,047	FALSE
-0,011	0,308	-0,001	0,010	0,027	FALSE
-0,021	0,325	-0,001	0,010	0,022	FALSE
-0,005	0,319	-0,001	0,011	0,023	FALSE
-0,034	0,322	-0,001	0,008	0,046	FALSE
-0,069	0,303	-0,002	0,010	0,082	FALSE
0,013	0,308	0,000	0,007	0,005	FALSE
-0,035	0,302	-0,001	0,007	0,064	FALSE
-0,017	0,304	-0,001	0,013	0,040	FALSE
0,100	0,310	0,002	0,007	0,129	FALSE
-0,060	0,297	-0,001	0,010	0,051	FALSE
0,077	0,322	0,004	0,013	0,104	FALSE
0,033	0,304	0,000	0,010	0,017	FALSE
0,011	0,310	0,000	0,012	0,001	FALSE
-0,019	0,311	-0,001	0,012	0,016	FALSE
0,161	0,312	0,005	0,009	0,219	FALSE
-0,031	0,311	-0,001	0,012	0,033	FALSE
-0,138	0,305	-0,006	0,012	0,197	FALSE
-0,154	0,309	-0,007	0,013	0,220	FALSE
0,028	0,304	0,001	0,008	0,052	FALSE
0,040	0,302	0,001	0,012	0,040	FALSE

-0,026	0,317	-0,001	0,011	0,023	FALSE
0,103	0,302	0,003	0,009	0,154	FALSE
-0,018	0,300	0,000	0,011	0,003	FALSE
-0,045	0,309	-0,001	0,008	0,060	FALSE
0,151	0,282	0,006	0,012	0,228	FALSE
-0,010	0,303	0,000	0,008	0,016	FALSE
0,058	0,302	0,002	0,012	0,078	FALSE
0,065	0,299	0,002	0,012	0,074	FALSE
0,062	0,316	0,002	0,011	0,088	FALSE
0,054	0,295	0,001	0,012	0,043	FALSE
-0,126	0,293	-0,005	0,012	0,168	FALSE
0,103	0,311	0,004	0,013	0,111	FALSE
-0,004	0,312	0,000	0,008	0,015	FALSE
-0,045	0,290	-0,001	0,011	0,028	FALSE
0,015	0,306	0,001	0,008	0,032	FALSE
0,016	0,305	0,001	0,009	0,058	FALSE
0,058	0,327	0,001	0,007	0,075	FALSE
-0,033	0,295	-0,001	0,009	0,023	FALSE
0,009	0,322	0,000	0,008	0,002	FALSE
-0,077	0,302	-0,002	0,009	0,084	FALSE
-0,130	0,301	-0,003	0,009	0,154	FALSE
-0,004	0,304	-0,001	0,012	0,034	FALSE
-0,016	0,304	0,000	0,006	0,007	FALSE
0,071	0,303	0,003	0,009	0,112	FALSE
0,008	0,307	0,000	0,012	0,010	FALSE
-0,049	0,297	-0,001	0,006	0,055	FALSE
0,041	0,301	0,001	0,006	0,049	FALSE
-0,069	0,308	-0,001	0,007	0,048	FALSE
0,003	0,308	0,001	0,007	0,040	FALSE
-0,098	0,297	-0,003	0,007	0,156	FALSE
-0,038	0,317	-0,001	0,009	0,055	FALSE
0,001	0,311	0,000	0,009	0,011	FALSE
0,068	0,298	0,003	0,011	0,097	FALSE
-0,069	0,300	-0,003	0,013	0,087	FALSE
-0,049	0,309	-0,002	0,012	0,073	FALSE
0,019	0,302	0,000	0,010	0,016	FALSE
-0,079	0,312	-0,003	0,012	0,089	FALSE
-0,137	0,299	-0,004	0,010	0,182	FALSE
-0,076	0,300	-0,003	0,011	0,104	FALSE
0,031	0,296	0,002	0,013	0,048	FALSE
-0,053	0,308	-0,001	0,009	0,056	FALSE
0,043	0,318	0,002	0,012	0,052	FALSE
-0,010	0,309	-0,001	0,008	0,035	FALSE
0,021	0,308	0,001	0,011	0,023	FALSE
0,024	0,294	0,001	0,011	0,027	FALSE
0,093	0,315	0,002	0,007	0,093	FALSE
-0,043	0,309	-0,002	0,013	0,073	FALSE
0,064	0,307	0,001	0,007	0,055	FALSE
-0,133	0,318	-0,005	0,010	0,212	FALSE
0,003	0,309	0,000	0,012	0,009	FALSE
-0,034	0,315	-0,001	0,007	0,050	FALSE
-0,081	0,312	-0,004	0,013	0,118	FALSE
-0,071	0,296	-0,002	0,006	0,099	FALSE

0,017	0,312	0,001	0,012	0,034	FALSE
0,058	0,306	0,001	0,009	0,034	FALSE
0,076	0,321	0,002	0,007	0,082	FALSE
0,068	0,319	0,001	0,008	0,071	FALSE
0,055	0,306	0,003	0,012	0,088	FALSE
0,050	0,304	0,002	0,011	0,087	FALSE
-0,011	0,303	0,000	0,010	0,013	FALSE
-0,014	0,290	-0,001	0,012	0,026	FALSE
0,032	0,280	0,001	0,009	0,047	FALSE
0,146	0,301	0,003	0,006	0,181	FALSE
-0,076	0,315	-0,001	0,006	0,084	FALSE
-0,065	0,315	-0,002	0,011	0,076	FALSE
-0,159	0,300	-0,005	0,008	0,258	FALSE
0,032	0,300	0,001	0,008	0,027	FALSE
0,080	0,304	0,003	0,008	0,141	FALSE
0,051	0,306	0,003	0,013	0,077	FALSE
-0,027	0,301	-0,001	0,009	0,061	FALSE
-0,030	0,313	-0,002	0,010	0,065	FALSE
0,043	0,303	0,001	0,006	0,049	FALSE
-0,070	0,297	-0,001	0,006	0,060	FALSE
-0,003	0,298	0,000	0,009	0,005	FALSE
-0,011	0,291	0,000	0,009	0,007	FALSE
-0,055	0,319	-0,002	0,008	0,082	FALSE
0,000	0,299	0,000	0,008	0,004	FALSE
0,000	0,311	0,000	0,008	0,007	FALSE
0,026	0,304	0,001	0,008	0,036	FALSE
0,015	0,313	0,000	0,008	0,014	FALSE
0,053	0,313	0,002	0,010	0,068	FALSE
0,029	0,310	0,001	0,008	0,042	FALSE
0,062	0,307	0,002	0,009	0,070	FALSE
0,023	0,300	0,001	0,008	0,024	FALSE
0,026	0,316	0,001	0,008	0,029	FALSE
-0,150	0,295	-0,005	0,009	0,217	FALSE
-0,124	0,309	-0,006	0,012	0,197	FALSE
0,131	0,299	0,004	0,012	0,150	FALSE
-0,184	0,305	-0,007	0,011	0,266	FALSE
-0,063	0,298	-0,001	0,011	0,042	FALSE
-0,111	0,322	-0,004	0,009	0,152	FALSE
0,052	0,301	0,001	0,006	0,067	FALSE
-0,017	0,301	-0,001	0,006	0,036	FALSE
0,083	0,309	0,003	0,012	0,082	FALSE
0,105	0,302	0,003	0,011	0,097	FALSE
0,040	0,319	0,001	0,008	0,038	FALSE
0,115	0,300	0,003	0,008	0,176	FALSE
0,072	0,302	0,001	0,006	0,090	FALSE
-0,063	0,311	-0,003	0,012	0,083	FALSE
-0,172	0,314	-0,006	0,011	0,241	FALSE
-0,088	0,295	-0,004	0,011	0,140	FALSE
0,110	0,306	0,006	0,012	0,209	FALSE
-0,069	0,310	-0,002	0,008	0,104	FALSE
-0,104	0,312	-0,003	0,007	0,139	FALSE
-0,139	0,318	-0,006	0,012	0,195	FALSE
0,049	0,316	0,001	0,011	0,043	FALSE

0,030	0,316	0,001	0,010	0,045	FALSE
-0,145	0,306	-0,006	0,012	0,211	FALSE
-0,088	0,311	-0,004	0,011	0,123	FALSE
-0,067	0,301	-0,002	0,008	0,083	FALSE
-0,052	0,302	-0,001	0,008	0,056	FALSE
-0,136	0,311	-0,003	0,008	0,175	FALSE
-0,076	0,306	-0,002	0,007	0,099	FALSE
-0,062	0,312	-0,003	0,012	0,096	FALSE
0,078	0,313	0,002	0,007	0,112	FALSE
0,062	0,296	0,001	0,006	0,083	FALSE
0,069	0,290	0,002	0,008	0,088	FALSE
0,029	0,313	0,001	0,012	0,035	FALSE
0,002	0,312	0,000	0,012	0,005	FALSE
-0,075	0,314	-0,003	0,011	0,096	FALSE
-0,079	0,303	-0,004	0,012	0,145	FALSE
0,020	0,301	0,001	0,009	0,034	FALSE
0,002	0,293	0,000	0,010	0,012	FALSE
-0,069	0,314	-0,002	0,012	0,064	FALSE
-0,071	0,299	-0,002	0,013	0,068	FALSE
-0,052	0,310	-0,001	0,013	0,030	FALSE
0,052	0,308	0,001	0,007	0,064	FALSE
-0,058	0,287	-0,002	0,009	0,094	FALSE
0,043	0,310	0,001	0,009	0,051	FALSE
0,000	0,295	0,000	0,008	0,019	FALSE
0,043	0,309	0,001	0,008	0,039	FALSE
0,004	0,290	0,000	0,013	0,003	FALSE
-0,101	0,297	-0,003	0,008	0,140	FALSE
-0,036	0,319	-0,001	0,007	0,056	FALSE
-0,036	0,318	-0,001	0,008	0,048	FALSE
0,205	0,301	0,004	0,007	0,279	FALSE
0,085	0,289	0,003	0,011	0,089	FALSE
-0,007	0,309	0,000	0,008	0,019	FALSE
0,099	0,306	0,003	0,011	0,108	FALSE
0,022	0,309	0,000	0,007	0,011	FALSE
0,021	0,303	0,000	0,007	0,000	FALSE
0,102	0,299	0,002	0,007	0,129	FALSE
0,138	0,313	0,003	0,007	0,182	FALSE
-0,051	0,308	-0,001	0,010	0,044	FALSE
-0,044	0,305	-0,002	0,011	0,070	FALSE
0,154	0,298	0,006	0,011	0,231	FALSE
0,150	0,297	0,006	0,011	0,209	FALSE
0,219	0,299	0,009	0,013	0,320	FALSE
0,232	0,290	0,010	0,013	0,355	FALSE
0,050	0,306	0,001	0,007	0,065	FALSE
-0,037	0,330	-0,001	0,012	0,026	FALSE
-0,134	0,305	-0,003	0,007	0,176	FALSE
-0,037	0,321	-0,001	0,010	0,049	FALSE
-0,053	0,298	-0,001	0,008	0,056	FALSE
0,089	0,297	0,003	0,011	0,115	FALSE
-0,012	0,312	-0,001	0,011	0,033	FALSE
0,005	0,300	0,000	0,011	0,010	FALSE
-0,025	0,316	0,000	0,011	0,010	FALSE
0,049	0,314	0,002	0,010	0,061	FALSE

-0,082	0,305	-0,003	0,013	0,105	FALSE
0,005	0,308	0,001	0,011	0,018	FALSE
0,097	0,310	0,003	0,009	0,137	FALSE
-0,061	0,316	-0,002	0,012	0,065	FALSE
-0,018	0,309	-0,001	0,012	0,031	FALSE
0,013	0,320	0,000	0,012	0,008	FALSE
0,088	0,297	0,002	0,009	0,098	FALSE
-0,049	0,313	-0,001	0,009	0,060	FALSE
0,092	0,302	0,002	0,009	0,098	FALSE
0,011	0,311	0,001	0,012	0,024	FALSE
-0,003	0,308	0,000	0,012	0,004	FALSE
0,067	0,307	0,003	0,012	0,084	FALSE
0,120	0,303	0,003	0,006	0,165	FALSE
0,094	0,311	0,004	0,012	0,132	FALSE
0,044	0,309	0,003	0,012	0,081	FALSE
-0,186	0,292	-0,006	0,011	0,243	FALSE
0,078	0,325	0,003	0,013	0,089	FALSE
-0,063	0,317	-0,003	0,012	0,102	FALSE
-0,041	0,304	0,000	0,008	0,021	FALSE
0,096	0,302	0,004	0,011	0,129	FALSE
0,042	0,301	0,002	0,009	0,078	FALSE
-0,079	0,313	-0,002	0,009	0,098	FALSE
-0,061	0,320	-0,002	0,007	0,098	FALSE
0,101	0,308	0,002	0,007	0,132	FALSE
0,078	0,303	0,002	0,007	0,089	FALSE
-0,060	0,309	-0,001	0,008	0,044	FALSE
0,007	0,306	0,000	0,012	0,001	FALSE
0,037	0,321	0,002	0,009	0,065	FALSE
0,020	0,300	0,001	0,009	0,039	FALSE
-0,022	0,315	-0,001	0,009	0,027	FALSE
-0,031	0,316	-0,001	0,008	0,044	FALSE
-0,040	0,299	-0,002	0,012	0,050	FALSE
0,062	0,318	0,002	0,008	0,073	FALSE
-0,081	0,300	-0,002	0,006	0,120	FALSE
-0,018	0,299	0,000	0,008	0,022	FALSE
-0,002	0,303	0,000	0,008	0,013	FALSE
0,113	0,287	0,003	0,008	0,172	FALSE
-0,007	0,311	-0,001	0,012	0,019	FALSE
-0,050	0,297	-0,002	0,011	0,059	FALSE
-0,059	0,299	-0,002	0,012	0,063	FALSE
-0,004	0,299	0,000	0,012	0,006	FALSE
-0,046	0,310	-0,002	0,012	0,049	FALSE
0,123	0,296	0,003	0,007	0,170	FALSE
-0,094	0,307	-0,003	0,009	0,137	FALSE
0,017	0,308	0,000	0,012	0,004	FALSE
0,136	0,305	0,006	0,012	0,198	FALSE
-0,014	0,303	0,000	0,010	0,008	FALSE
0,094	0,303	0,004	0,011	0,135	FALSE
0,129	0,303	0,003	0,007	0,162	FALSE
-0,061	0,309	-0,003	0,013	0,081	FALSE
0,089	0,303	0,002	0,011	0,071	FALSE
0,105	0,323	0,002	0,007	0,120	FALSE
-0,019	0,309	0,000	0,010	0,009	FALSE

0,020	0,291	0,000	0,006	0,002	FALSE
-0,089	0,290	-0,003	0,010	0,123	FALSE
-0,061	0,306	-0,001	0,007	0,069	FALSE
0,051	0,305	0,002	0,012	0,073	FALSE
-0,092	0,311	-0,002	0,008	0,117	FALSE
-0,072	0,311	-0,002	0,010	0,076	FALSE
-0,128	0,303	-0,005	0,013	0,151	FALSE
0,035	0,302	0,001	0,010	0,054	FALSE
-0,058	0,297	-0,001	0,009	0,059	FALSE
0,047	0,297	0,002	0,011	0,071	FALSE
-0,143	0,305	-0,006	0,013	0,174	FALSE
-0,133	0,295	-0,005	0,012	0,154	FALSE
-0,194	0,300	-0,007	0,011	0,269	FALSE
-0,161	0,278	-0,003	0,006	0,189	FALSE
-0,196	0,291	-0,008	0,013	0,263	FALSE
-0,145	0,304	-0,006	0,013	0,176	FALSE
-0,013	0,311	0,000	0,007	0,002	FALSE
-0,108	0,294	-0,003	0,011	0,111	FALSE
-0,156	0,304	-0,005	0,012	0,175	FALSE
-0,058	0,309	-0,001	0,007	0,071	FALSE
-0,012	0,311	0,000	0,010	0,016	FALSE
-0,122	0,290	-0,003	0,008	0,157	FALSE
-0,097	0,309	-0,002	0,008	0,116	FALSE
-0,065	0,297	-0,002	0,011	0,090	FALSE
0,011	0,302	0,000	0,008	0,000	FALSE
0,010	0,310	0,000	0,007	0,006	FALSE
0,001	0,327	0,000	0,009	0,018	FALSE
0,072	0,303	0,003	0,013	0,095	FALSE
0,076	0,293	0,004	0,012	0,116	FALSE
0,079	0,293	0,003	0,012	0,098	FALSE
0,037	0,302	0,002	0,013	0,053	FALSE
-0,031	0,313	-0,001	0,013	0,035	FALSE
-0,025	0,301	-0,001	0,012	0,018	FALSE
0,130	0,309	0,003	0,007	0,193	FALSE
0,156	0,311	0,006	0,012	0,189	FALSE
-0,062	0,311	-0,001	0,007	0,057	FALSE
-0,009	0,303	-0,001	0,012	0,034	FALSE
-0,124	0,308	-0,004	0,012	0,125	FALSE
-0,060	0,313	-0,001	0,008	0,059	FALSE
-0,132	0,301	-0,004	0,012	0,136	FALSE
0,025	0,311	0,001	0,007	0,064	FALSE
0,018	0,307	0,000	0,008	0,000	FALSE
0,039	0,293	0,002	0,012	0,053	FALSE
0,101	0,307	0,003	0,009	0,137	FALSE
0,118	0,308	0,003	0,009	0,150	FALSE
0,042	0,309	0,001	0,007	0,047	FALSE
0,137	0,300	0,006	0,012	0,197	FALSE
0,085	0,300	0,004	0,011	0,121	FALSE
-0,087	0,302	-0,004	0,011	0,125	FALSE
0,061	0,312	0,002	0,010	0,073	FALSE
-0,043	0,308	-0,002	0,013	0,053	FALSE
-0,021	0,307	-0,001	0,006	0,030	FALSE
-0,086	0,305	-0,004	0,013	0,119	FALSE

-0,105	0,301	-0,004	0,012	0,143	FALSE
0,019	0,301	0,000	0,012	0,013	FALSE
-0,026	0,301	-0,001	0,012	0,017	FALSE
-0,108	0,305	-0,004	0,009	0,162	FALSE
0,127	0,312	0,006	0,013	0,187	FALSE
0,049	0,311	0,002	0,012	0,077	FALSE
-0,008	0,317	0,000	0,009	0,012	FALSE
0,047	0,326	0,002	0,013	0,061	FALSE
-0,100	0,300	-0,005	0,012	0,147	FALSE
-0,009	0,307	0,000	0,009	0,003	FALSE
0,073	0,310	0,002	0,008	0,099	FALSE
0,096	0,295	0,004	0,012	0,146	FALSE
-0,039	0,315	-0,001	0,008	0,040	FALSE
0,016	0,299	0,001	0,010	0,033	FALSE
0,036	0,295	0,002	0,009	0,070	FALSE
0,017	0,306	0,001	0,007	0,025	FALSE
0,130	0,298	0,003	0,006	0,183	FALSE
0,114	0,304	0,004	0,010	0,162	FALSE
-0,097	0,291	-0,003	0,008	0,139	FALSE
-0,105	0,301	-0,003	0,008	0,139	FALSE
-0,117	0,304	-0,004	0,009	0,174	FALSE
-0,129	0,291	-0,004	0,008	0,192	FALSE
0,089	0,298	0,004	0,012	0,115	FALSE
0,015	0,294	0,000	0,009	0,011	FALSE
0,010	0,292	-0,001	0,011	0,020	FALSE
0,002	0,322	0,000	0,007	0,002	FALSE
-0,099	0,302	-0,004	0,008	0,184	FALSE
-0,087	0,304	-0,003	0,008	0,152	FALSE
-0,084	0,305	-0,002	0,006	0,089	FALSE
0,107	0,300	0,003	0,009	0,140	FALSE
0,102	0,290	0,004	0,009	0,164	FALSE
0,106	0,297	0,004	0,012	0,137	FALSE
-0,014	0,307	-0,001	0,008	0,024	FALSE
-0,176	0,293	-0,006	0,010	0,265	FALSE
0,002	0,298	-0,001	0,010	0,026	FALSE
0,028	0,298	0,001	0,007	0,037	FALSE
0,097	0,299	0,003	0,007	0,175	FALSE
-0,058	0,295	-0,002	0,012	0,054	FALSE
0,100	0,311	0,003	0,009	0,125	FALSE
-0,016	0,310	0,000	0,008	0,006	FALSE
-0,077	0,321	-0,002	0,010	0,097	FALSE
-0,063	0,317	-0,002	0,010	0,084	FALSE
-0,073	0,312	-0,002	0,009	0,101	FALSE
-0,060	0,302	-0,002	0,009	0,084	FALSE
-0,076	0,313	-0,002	0,009	0,103	FALSE
-0,069	0,299	-0,002	0,007	0,103	FALSE
0,028	0,295	0,001	0,011	0,030	FALSE
0,058	0,319	0,002	0,012	0,071	FALSE
0,097	0,302	0,004	0,011	0,130	FALSE
-0,006	0,302	0,000	0,008	0,011	FALSE
-0,077	0,277	-0,002	0,008	0,116	FALSE
-0,006	0,304	0,000	0,009	0,011	FALSE
-0,047	0,306	-0,003	0,012	0,083	FALSE

0,027	0,307	0,001	0,010	0,052	FALSE
0,054	0,313	0,003	0,013	0,098	FALSE
0,027	0,301	0,001	0,012	0,026	FALSE
-0,036	0,319	-0,002	0,013	0,057	FALSE
0,009	0,316	0,000	0,007	0,013	FALSE
-0,039	0,308	0,000	0,008	0,018	FALSE
-0,073	0,309	-0,003	0,012	0,095	FALSE
0,035	0,294	0,001	0,009	0,043	FALSE
0,104	0,291	0,004	0,013	0,135	FALSE
0,052	0,311	0,001	0,009	0,060	FALSE
-0,062	0,303	-0,001	0,011	0,047	FALSE
-0,018	0,311	0,000	0,008	0,011	FALSE
-0,097	0,287	-0,003	0,010	0,134	FALSE
-0,139	0,298	-0,005	0,009	0,220	FALSE
0,077	0,311	0,002	0,007	0,100	FALSE
0,016	0,306	0,001	0,009	0,033	FALSE
-0,055	0,300	-0,002	0,011	0,081	FALSE
-0,025	0,299	-0,001	0,013	0,029	FALSE
0,021	0,282	0,001	0,011	0,025	FALSE
-0,044	0,299	-0,002	0,012	0,064	FALSE
-0,072	0,306	-0,003	0,010	0,104	FALSE
-0,098	0,315	-0,004	0,011	0,154	FALSE
-0,104	0,295	-0,005	0,012	0,168	FALSE
-0,123	0,297	-0,006	0,012	0,200	FALSE
0,085	0,332	0,004	0,012	0,118	FALSE
0,114	0,297	0,005	0,012	0,165	FALSE
0,147	0,308	0,006	0,012	0,208	FALSE
0,193	0,306	0,008	0,012	0,280	FALSE
-0,119	0,312	-0,005	0,012	0,151	FALSE
-0,111	0,305	-0,004	0,012	0,143	FALSE
-0,119	0,305	-0,005	0,012	0,166	FALSE
-0,064	0,317	-0,003	0,012	0,092	FALSE
-0,010	0,317	0,000	0,007	0,015	FALSE
0,101	0,314	0,003	0,006	0,170	FALSE
0,007	0,303	0,000	0,009	0,010	FALSE
0,001	0,297	0,000	0,010	0,004	FALSE
0,052	0,302	0,001	0,007	0,069	FALSE
-0,104	0,306	-0,004	0,011	0,143	FALSE
-0,109	0,280	-0,004	0,010	0,149	FALSE
0,091	0,315	0,004	0,013	0,113	FALSE
-0,005	0,309	0,000	0,011	0,009	FALSE
-0,136	0,282	-0,003	0,007	0,160	FALSE
0,104	0,304	0,004	0,010	0,141	FALSE
-0,011	0,316	0,000	0,009	0,010	FALSE
-0,087	0,312	-0,003	0,008	0,131	FALSE
-0,027	0,306	-0,001	0,013	0,024	FALSE
-0,001	0,322	0,000	0,013	0,007	FALSE
0,056	0,309	0,002	0,013	0,068	FALSE
0,009	0,313	0,000	0,011	0,013	FALSE
-0,034	0,309	-0,002	0,009	0,076	FALSE
0,082	0,316	0,003	0,010	0,108	FALSE
-0,081	0,306	-0,001	0,007	0,070	FALSE
0,061	0,298	0,002	0,009	0,079	FALSE

0,066	0,293	0,002	0,009	0,085	FALSE
-0,034	0,311	-0,001	0,011	0,034	FALSE
0,048	0,321	0,002	0,012	0,067	FALSE
0,063	0,314	0,002	0,012	0,075	FALSE
-0,047	0,305	-0,001	0,007	0,047	FALSE
-0,044	0,323	-0,001	0,009	0,038	FALSE
-0,044	0,297	-0,002	0,012	0,063	FALSE
-0,150	0,305	-0,005	0,010	0,218	FALSE
-0,092	0,299	-0,004	0,012	0,115	FALSE
0,022	0,319	0,001	0,010	0,037	FALSE
-0,055	0,309	-0,002	0,012	0,075	FALSE
-0,043	0,308	0,000	0,007	0,024	FALSE
0,040	0,304	0,002	0,011	0,053	FALSE
-0,023	0,309	0,000	0,006	0,012	FALSE
-0,101	0,313	-0,004	0,013	0,137	FALSE
-0,035	0,313	-0,001	0,008	0,058	FALSE
-0,041	0,299	-0,002	0,012	0,063	FALSE
-0,048	0,320	-0,001	0,010	0,054	FALSE
-0,055	0,315	-0,002	0,010	0,077	FALSE
-0,062	0,287	-0,002	0,009	0,063	FALSE
-0,016	0,298	0,000	0,010	0,015	FALSE
-0,051	0,287	-0,002	0,009	0,069	FALSE
-0,029	0,289	-0,001	0,010	0,028	FALSE
-0,052	0,287	-0,002	0,009	0,062	FALSE
-0,058	0,300	-0,001	0,010	0,052	FALSE
0,018	0,305	0,001	0,007	0,027	FALSE
-0,052	0,294	-0,002	0,012	0,073	FALSE
0,013	0,295	0,000	0,010	0,013	FALSE
0,033	0,317	0,001	0,007	0,044	FALSE
0,067	0,307	0,002	0,008	0,074	FALSE
0,047	0,305	0,001	0,012	0,025	FALSE
-0,092	0,312	-0,004	0,012	0,115	FALSE
0,027	0,309	0,001	0,007	0,031	FALSE
0,134	0,299	0,005	0,011	0,179	FALSE
0,018	0,324	0,000	0,010	0,017	FALSE
0,015	0,308	0,000	0,009	0,017	FALSE
-0,051	0,291	-0,001	0,007	0,053	FALSE
0,052	0,312	0,001	0,008	0,059	FALSE
0,006	0,291	0,001	0,011	0,024	FALSE
0,070	0,298	0,002	0,009	0,099	FALSE
0,107	0,313	0,004	0,011	0,155	FALSE
-0,105	0,296	-0,003	0,007	0,152	FALSE
0,026	0,298	0,001	0,011	0,019	FALSE
-0,091	0,306	-0,003	0,012	0,108	FALSE
-0,133	0,307	-0,004	0,008	0,208	FALSE
-0,017	0,310	-0,001	0,013	0,026	FALSE
-0,022	0,306	0,000	0,007	0,011	FALSE
0,053	0,305	0,002	0,010	0,063	FALSE
0,028	0,320	0,001	0,010	0,045	FALSE
-0,139	0,296	-0,005	0,010	0,199	FALSE
-0,033	0,297	0,000	0,006	0,023	FALSE
-0,128	0,309	-0,004	0,009	0,187	FALSE
0,177	0,300	0,007	0,012	0,271	FALSE

-0,003	0,300	0,000	0,012	0,001	FALSE
0,215	0,297	0,007	0,010	0,313	FALSE
0,067	0,303	0,003	0,011	0,108	FALSE
-0,039	0,298	-0,002	0,010	0,075	FALSE
0,025	0,302	0,001	0,011	0,043	FALSE
0,032	0,297	0,002	0,010	0,059	FALSE
0,039	0,311	0,002	0,012	0,048	FALSE
-0,117	0,305	-0,003	0,007	0,160	FALSE
-0,062	0,311	-0,001	0,007	0,077	FALSE
-0,015	0,313	0,000	0,012	0,014	FALSE
-0,026	0,307	-0,001	0,009	0,035	FALSE
-0,014	0,299	0,000	0,012	0,009	FALSE
-0,099	0,303	-0,003	0,009	0,128	FALSE
0,014	0,310	0,001	0,008	0,038	FALSE
0,045	0,311	0,001	0,007	0,061	FALSE
-0,027	0,303	0,000	0,011	0,005	FALSE
0,075	0,309	0,003	0,012	0,110	FALSE
0,082	0,308	0,004	0,012	0,127	FALSE
0,036	0,300	0,001	0,007	0,049	FALSE
-0,029	0,304	-0,002	0,010	0,058	FALSE
0,073	0,301	0,001	0,009	0,059	FALSE
-0,022	0,313	0,000	0,011	0,015	FALSE
-0,070	0,323	-0,003	0,009	0,103	FALSE
0,016	0,306	0,000	0,008	0,000	FALSE
0,105	0,312	0,004	0,011	0,152	FALSE
-0,076	0,301	-0,002	0,007	0,120	FALSE
-0,009	0,316	-0,001	0,011	0,017	FALSE
-0,058	0,324	-0,003	0,013	0,076	FALSE
-0,052	0,301	-0,002	0,012	0,048	FALSE
0,017	0,311	0,000	0,013	0,001	FALSE
0,148	0,305	0,004	0,009	0,208	FALSE
-0,109	0,304	-0,004	0,011	0,133	FALSE
0,036	0,301	0,002	0,007	0,092	FALSE
-0,051	0,296	-0,002	0,013	0,047	FALSE
-0,006	0,302	0,001	0,013	0,015	FALSE
-0,074	0,299	-0,002	0,012	0,056	FALSE
-0,162	0,304	-0,005	0,009	0,240	FALSE
-0,027	0,311	-0,001	0,013	0,031	FALSE
-0,036	0,305	-0,002	0,013	0,047	FALSE
0,115	0,306	0,004	0,011	0,133	FALSE
0,102	0,298	0,003	0,007	0,159	FALSE
0,087	0,293	0,002	0,007	0,150	FALSE
0,008	0,290	0,001	0,010	0,022	FALSE
-0,069	0,306	-0,002	0,010	0,092	FALSE
0,053	0,308	0,002	0,012	0,074	FALSE
-0,076	0,300	-0,003	0,011	0,088	FALSE
-0,051	0,297	-0,001	0,011	0,046	FALSE
-0,033	0,317	0,000	0,008	0,023	FALSE
-0,214	0,295	-0,006	0,008	0,356	FALSE
0,054	0,309	0,002	0,010	0,076	FALSE
-0,016	0,307	0,000	0,011	0,007	FALSE
-0,037	0,325	-0,001	0,009	0,062	FALSE
0,048	0,298	0,002	0,010	0,077	FALSE

0,055	0,301	0,002	0,007	0,083	FALSE
0,079	0,297	0,002	0,006	0,122	FALSE
0,054	0,299	0,001	0,007	0,084	FALSE
0,061	0,309	0,002	0,008	0,068	FALSE
-0,123	0,283	-0,002	0,006	0,153	FALSE
0,053	0,310	0,001	0,007	0,065	FALSE
0,141	0,305	0,005	0,011	0,176	TRUE
-0,164	0,302	-0,004	0,007	0,246	FALSE
0,052	0,307	0,003	0,012	0,098	FALSE
-0,228	0,301	-0,005	0,007	0,377	FALSE
0,086	0,310	0,003	0,010	0,105	FALSE
0,071	0,319	0,002	0,011	0,085	FALSE
0,090	0,313	0,003	0,010	0,115	FALSE
0,098	0,307	0,003	0,010	0,125	FALSE
0,077	0,311	0,003	0,010	0,102	FALSE
0,093	0,296	0,003	0,010	0,113	FALSE
-0,057	0,305	-0,002	0,012	0,069	FALSE
-0,050	0,295	-0,001	0,009	0,046	FALSE
-0,059	0,308	-0,001	0,007	0,081	FALSE
-0,116	0,302	-0,003	0,006	0,169	FALSE
-0,070	0,300	-0,002	0,008	0,093	FALSE
0,124	0,311	0,004	0,010	0,160	FALSE
0,006	0,317	-0,001	0,013	0,020	FALSE
-0,072	0,313	-0,002	0,007	0,097	FALSE
-0,037	0,315	-0,001	0,011	0,043	FALSE
0,117	0,306	0,003	0,007	0,169	FALSE
-0,174	0,299	-0,004	0,007	0,243	FALSE
0,093	0,306	0,004	0,013	0,137	FALSE
-0,052	0,300	-0,002	0,010	0,069	FALSE
0,138	0,302	0,003	0,007	0,178	FALSE
0,053	0,303	0,002	0,011	0,065	FALSE
0,113	0,302	0,003	0,008	0,157	FALSE
0,039	0,309	0,001	0,011	0,034	FALSE
0,048	0,302	0,002	0,012	0,053	FALSE
0,043	0,312	0,001	0,013	0,043	FALSE
0,081	0,307	0,003	0,012	0,084	FALSE
-0,007	0,306	0,000	0,011	0,013	FALSE
-0,009	0,314	0,000	0,008	0,008	FALSE
-0,157	0,286	-0,007	0,012	0,243	FALSE
-0,136	0,291	-0,006	0,012	0,211	FALSE
0,119	0,289	0,005	0,012	0,172	FALSE
-0,137	0,280	-0,006	0,012	0,208	FALSE
0,045	0,294	0,001	0,007	0,050	FALSE
0,015	0,318	0,001	0,008	0,033	FALSE
0,020	0,339	0,001	0,014	0,026	FALSE
0,164	0,307	0,007	0,013	0,220	FALSE
-0,145	0,297	-0,005	0,009	0,239	FALSE
-0,106	0,311	-0,004	0,010	0,164	FALSE
-0,030	0,302	-0,001	0,009	0,021	FALSE
-0,056	0,303	-0,002	0,010	0,088	FALSE
-0,006	0,305	0,000	0,009	0,005	FALSE
0,054	0,318	0,001	0,007	0,069	FALSE
0,128	0,308	0,003	0,007	0,189	FALSE

0,061	0,308	0,002	0,010	0,080	FALSE
-0,004	0,318	0,000	0,008	0,005	FALSE
-0,088	0,314	-0,003	0,011	0,110	FALSE
-0,051	0,310	-0,002	0,011	0,055	FALSE
0,103	0,297	0,003	0,008	0,160	FALSE
-0,034	0,321	-0,001	0,012	0,032	FALSE
-0,067	0,323	-0,002	0,009	0,082	FALSE
0,004	0,295	0,000	0,012	0,002	FALSE
0,110	0,307	0,003	0,007	0,145	FALSE
-0,023	0,312	-0,001	0,011	0,018	FALSE
0,179	0,299	0,004	0,007	0,273	FALSE
0,017	0,303	0,001	0,009	0,048	FALSE
-0,079	0,302	-0,003	0,009	0,121	FALSE
0,099	0,306	0,004	0,012	0,122	FALSE
-0,045	0,298	-0,001	0,011	0,035	FALSE
-0,033	0,291	-0,001	0,006	0,071	FALSE
-0,005	0,304	0,000	0,008	0,007	FALSE
0,110	0,306	0,004	0,012	0,132	FALSE
0,152	0,310	0,005	0,010	0,223	FALSE
-0,081	0,320	-0,003	0,013	0,094	FALSE
0,050	0,310	0,001	0,010	0,050	FALSE
0,109	0,309	0,004	0,013	0,135	FALSE
-0,045	0,301	-0,001	0,007	0,057	FALSE
-0,079	0,295	-0,002	0,007	0,114	FALSE
-0,103	0,312	-0,002	0,007	0,112	FALSE
-0,144	0,307	-0,004	0,009	0,189	FALSE
0,006	0,312	0,000	0,007	0,003	FALSE
0,066	0,297	0,003	0,009	0,117	FALSE
-0,072	0,288	-0,001	0,006	0,085	FALSE
0,034	0,304	0,001	0,012	0,032	FALSE
0,043	0,315	0,002	0,012	0,046	FALSE
-0,027	0,303	-0,001	0,007	0,068	FALSE
-0,070	0,297	-0,003	0,009	0,116	FALSE
0,074	0,313	0,003	0,010	0,107	FALSE
-0,064	0,311	-0,002	0,011	0,074	FALSE
-0,018	0,307	0,000	0,007	0,012	FALSE
0,052	0,311	0,002	0,013	0,050	FALSE
0,066	0,314	0,002	0,013	0,067	FALSE
0,143	0,290	0,007	0,013	0,225	FALSE
-0,116	0,303	-0,005	0,009	0,200	FALSE
-0,006	0,319	0,000	0,011	0,006	FALSE
-0,004	0,316	0,000	0,011	0,006	FALSE
-0,012	0,311	-0,001	0,008	0,047	FALSE
-0,091	0,303	-0,003	0,009	0,112	FALSE
-0,018	0,322	0,000	0,007	0,007	FALSE
0,080	0,299	0,003	0,011	0,102	FALSE
0,044	0,305	0,001	0,013	0,042	FALSE
0,067	0,316	0,002	0,013	0,051	FALSE
0,000	0,301	-0,001	0,011	0,021	FALSE
-0,048	0,315	-0,003	0,012	0,095	FALSE
-0,011	0,308	-0,001	0,010	0,034	FALSE
0,017	0,314	0,000	0,011	0,004	FALSE
-0,040	0,310	-0,001	0,012	0,044	FALSE

0,075	0,308	0,002	0,008	0,097	FALSE
0,060	0,299	0,002	0,008	0,076	FALSE
-0,016	0,309	-0,001	0,009	0,030	FALSE
0,080	0,311	0,002	0,007	0,099	FALSE
-0,064	0,302	-0,002	0,013	0,070	FALSE
0,070	0,315	0,002	0,008	0,074	FALSE
0,098	0,314	0,002	0,009	0,111	FALSE
-0,001	0,312	0,000	0,012	0,002	FALSE
-0,103	0,310	-0,004	0,013	0,126	FALSE
-0,011	0,301	0,000	0,006	0,011	FALSE
-0,157	0,311	-0,003	0,007	0,189	FALSE
-0,131	0,316	-0,004	0,010	0,180	FALSE
0,242	0,285	0,010	0,012	0,420	FALSE
-0,035	0,306	-0,002	0,013	0,074	FALSE
0,024	0,306	0,001	0,009	0,039	FALSE
0,014	0,297	0,001	0,008	0,027	FALSE
-0,114	0,306	-0,004	0,010	0,169	FALSE
0,060	0,307	0,002	0,008	0,103	FALSE
0,130	0,309	0,003	0,007	0,208	FALSE
0,101	0,314	0,003	0,007	0,161	FALSE
0,100	0,308	0,003	0,007	0,171	FALSE
0,026	0,315	0,000	0,008	0,022	FALSE
0,026	0,303	0,001	0,012	0,032	FALSE
-0,008	0,308	0,000	0,009	0,007	FALSE
0,067	0,300	0,003	0,011	0,097	FALSE
0,076	0,304	0,002	0,008	0,075	FALSE
0,096	0,305	0,002	0,008	0,110	FALSE
0,053	0,294	0,002	0,012	0,072	FALSE
-0,029	0,305	-0,001	0,012	0,044	FALSE
0,055	0,300	0,002	0,010	0,054	FALSE
0,027	0,306	0,001	0,011	0,027	FALSE
0,032	0,321	0,001	0,011	0,033	FALSE
0,000	0,297	0,000	0,008	0,022	FALSE
0,033	0,304	0,001	0,008	0,048	FALSE
-0,064	0,295	-0,002	0,009	0,067	FALSE
-0,121	0,303	-0,003	0,007	0,158	FALSE
0,039	0,303	0,001	0,008	0,063	FALSE
-0,060	0,294	-0,002	0,012	0,070	FALSE
0,064	0,310	0,002	0,010	0,075	FALSE
-0,031	0,312	-0,002	0,012	0,054	FALSE
0,039	0,308	0,001	0,007	0,035	FALSE
-0,096	0,294	-0,004	0,013	0,132	FALSE
-0,012	0,315	0,000	0,009	0,003	FALSE
-0,014	0,291	0,000	0,008	0,004	FALSE
-0,036	0,306	-0,001	0,007	0,029	FALSE
0,039	0,314	0,001	0,009	0,038	FALSE
0,104	0,299	0,002	0,007	0,134	FALSE
0,112	0,297	0,003	0,007	0,151	FALSE
-0,069	0,315	-0,002	0,009	0,082	FALSE
0,012	0,292	0,001	0,012	0,036	FALSE
0,049	0,303	0,002	0,008	0,096	FALSE
0,042	0,306	0,002	0,010	0,080	FALSE
0,036	0,302	0,002	0,011	0,067	FALSE

-0,046	0,318	-0,001	0,007	0,069	FALSE
-0,045	0,311	-0,002	0,011	0,051	FALSE
-0,021	0,314	-0,001	0,012	0,038	FALSE
-0,016	0,313	-0,001	0,012	0,025	FALSE
-0,016	0,306	0,000	0,009	0,016	FALSE
0,021	0,296	0,000	0,008	0,010	FALSE
-0,075	0,313	-0,002	0,011	0,087	FALSE
0,054	0,313	0,002	0,013	0,070	FALSE
0,067	0,300	0,003	0,012	0,107	FALSE
0,167	0,313	0,003	0,006	0,223	FALSE
-0,105	0,302	-0,003	0,008	0,135	FALSE
-0,016	0,291	0,000	0,010	0,001	FALSE
-0,013	0,309	-0,001	0,008	0,041	FALSE
0,067	0,313	0,002	0,008	0,101	FALSE
0,110	0,307	0,004	0,011	0,159	FALSE
0,022	0,304	0,001	0,007	0,026	FALSE
-0,022	0,315	-0,001	0,012	0,018	FALSE
-0,057	0,310	-0,003	0,013	0,076	FALSE
-0,001	0,310	0,000	0,007	0,007	FALSE
-0,004	0,310	0,000	0,011	0,002	FALSE
0,035	0,320	0,001	0,009	0,026	FALSE
0,132	0,296	0,005	0,011	0,188	FALSE
0,141	0,304	0,004	0,008	0,222	FALSE
0,001	0,307	0,000	0,008	0,018	FALSE
-0,013	0,307	-0,001	0,009	0,031	FALSE
-0,061	0,298	-0,002	0,009	0,092	FALSE
0,142	0,315	0,006	0,013	0,173	FALSE
0,133	0,314	0,004	0,009	0,176	FALSE
0,165	0,291	0,007	0,012	0,235	FALSE
0,056	0,303	0,001	0,009	0,051	FALSE
0,050	0,309	0,002	0,009	0,069	FALSE
0,081	0,308	0,002	0,008	0,108	FALSE
0,055	0,291	0,002	0,012	0,063	FALSE
0,031	0,304	0,001	0,011	0,019	FALSE
0,006	0,314	0,000	0,012	0,002	FALSE
0,017	0,305	0,000	0,013	0,010	FALSE
-0,025	0,302	-0,001	0,009	0,024	FALSE
0,061	0,305	0,001	0,008	0,055	FALSE
-0,022	0,305	-0,001	0,010	0,029	FALSE
0,015	0,314	0,000	0,007	0,022	FALSE
-0,119	0,294	-0,005	0,012	0,187	FALSE
0,002	0,311	0,000	0,008	0,004	FALSE
-0,070	0,327	-0,001	0,008	0,064	FALSE
-0,054	0,307	-0,002	0,010	0,063	FALSE
-0,064	0,302	-0,003	0,012	0,091	FALSE
-0,052	0,304	-0,001	0,006	0,045	FALSE
-0,045	0,304	-0,001	0,006	0,051	FALSE
-0,086	0,312	-0,002	0,007	0,095	FALSE
0,035	0,305	0,001	0,012	0,031	FALSE
0,000	0,316	0,000	0,013	0,004	FALSE
0,114	0,312	0,003	0,008	0,127	FALSE
0,106	0,315	0,004	0,013	0,122	FALSE
0,177	0,303	0,005	0,008	0,250	FALSE

-0,052	0,312	-0,003	0,010	0,101	FALSE
0,173	0,298	0,007	0,013	0,239	FALSE
-0,056	0,305	-0,002	0,010	0,069	FALSE
-0,069	0,320	-0,003	0,010	0,109	FALSE
-0,026	0,311	-0,001	0,009	0,031	FALSE
0,037	0,309	0,001	0,008	0,060	FALSE
0,010	0,306	0,000	0,010	0,015	FALSE
0,007	0,322	0,000	0,010	0,005	FALSE
0,014	0,311	0,001	0,009	0,024	FALSE
0,025	0,324	0,001	0,013	0,043	FALSE
-0,150	0,300	-0,004	0,007	0,231	FALSE
-0,075	0,317	-0,003	0,012	0,090	FALSE
0,058	0,304	0,001	0,006	0,073	FALSE
0,036	0,303	0,001	0,012	0,038	FALSE
-0,002	0,309	-0,001	0,010	0,018	FALSE
0,049	0,313	0,002	0,012	0,050	FALSE
0,110	0,306	0,004	0,013	0,137	FALSE
0,000	0,300	-0,001	0,012	0,032	FALSE
0,020	0,304	0,001	0,013	0,024	FALSE
-0,032	0,307	-0,001	0,006	0,061	FALSE
0,020	0,305	0,001	0,012	0,046	FALSE
0,073	0,306	0,001	0,009	0,054	FALSE
-0,001	0,302	0,000	0,012	0,008	FALSE
-0,025	0,300	-0,001	0,011	0,040	FALSE
-0,098	0,314	-0,003	0,009	0,132	FALSE
0,076	0,311	0,003	0,010	0,112	FALSE
0,024	0,314	0,001	0,011	0,022	FALSE
-0,012	0,319	-0,001	0,010	0,023	FALSE
0,056	0,311	0,001	0,009	0,056	FALSE
-0,123	0,297	-0,005	0,013	0,167	FALSE
-0,065	0,319	-0,002	0,009	0,097	FALSE
-0,083	0,306	-0,002	0,008	0,114	FALSE
0,040	0,316	0,001	0,006	0,074	FALSE
0,071	0,297	0,002	0,012	0,075	FALSE
-0,006	0,314	-0,001	0,009	0,029	FALSE
0,055	0,290	0,001	0,007	0,061	FALSE
0,036	0,308	0,001	0,010	0,029	FALSE
-0,083	0,300	-0,002	0,009	0,062	FALSE
0,000	0,308	0,000	0,012	0,006	FALSE
-0,004	0,307	0,000	0,011	0,009	FALSE
0,193	0,296	0,007	0,011	0,306	FALSE
-0,193	0,310	-0,007	0,012	0,282	FALSE
0,208	0,294	0,008	0,011	0,318	FALSE
-0,092	0,299	-0,003	0,007	0,142	FALSE
-0,083	0,295	-0,002	0,008	0,110	FALSE
0,027	0,307	0,001	0,007	0,033	FALSE
-0,104	0,301	-0,002	0,007	0,121	FALSE
0,042	0,312	0,001	0,010	0,047	FALSE
-0,009	0,290	0,000	0,007	0,006	FALSE
0,010	0,304	0,000	0,007	0,021	FALSE
-0,030	0,314	-0,001	0,009	0,045	FALSE
-0,038	0,302	-0,002	0,011	0,052	FALSE
-0,069	0,305	-0,003	0,011	0,090	FALSE

-0,038	0,312	-0,001	0,011	0,037	FALSE
-0,200	0,293	-0,006	0,009	0,270	FALSE
-0,003	0,303	0,000	0,012	0,007	FALSE
-0,070	0,297	-0,002	0,011	0,080	FALSE
0,037	0,308	0,002	0,013	0,043	FALSE
0,054	0,299	0,002	0,012	0,073	FALSE
-0,096	0,294	-0,003	0,011	0,115	FALSE
-0,088	0,306	-0,003	0,011	0,102	FALSE
0,018	0,301	0,000	0,013	0,005	FALSE
-0,094	0,287	-0,003	0,007	0,158	FALSE
0,031	0,300	0,001	0,013	0,028	FALSE
-0,020	0,308	-0,001	0,012	0,026	FALSE
0,077	0,308	0,002	0,010	0,079	FALSE
0,062	0,316	0,001	0,007	0,064	FALSE
-0,044	0,308	-0,001	0,009	0,058	FALSE
0,030	0,315	0,000	0,010	0,004	FALSE
0,021	0,319	0,000	0,008	0,005	FALSE
0,046	0,332	0,001	0,008	0,024	FALSE
-0,012	0,319	0,000	0,013	0,012	FALSE
0,146	0,314	0,005	0,010	0,215	FALSE
0,082	0,308	0,003	0,009	0,131	FALSE
0,004	0,315	0,000	0,006	0,022	FALSE
0,006	0,303	0,001	0,006	0,035	FALSE
-0,011	0,312	0,000	0,007	0,015	FALSE
0,075	0,292	0,001	0,011	0,042	FALSE
0,026	0,310	0,001	0,008	0,036	FALSE
-0,045	0,302	-0,001	0,008	0,060	FALSE
-0,026	0,294	-0,002	0,009	0,066	FALSE
-0,113	0,284	-0,005	0,011	0,197	FALSE
0,191	0,300	0,008	0,013	0,265	FALSE
0,009	0,316	0,000	0,011	0,003	FALSE
-0,167	0,297	-0,005	0,008	0,257	FALSE
0,008	0,311	0,000	0,012	0,005	FALSE
-0,020	0,303	-0,001	0,012	0,032	FALSE
0,021	0,305	0,001	0,011	0,023	FALSE
-0,093	0,300	-0,002	0,009	0,097	FALSE
-0,066	0,327	-0,003	0,013	0,089	FALSE
0,089	0,318	0,003	0,010	0,110	FALSE
0,070	0,299	0,002	0,010	0,088	FALSE
0,020	0,300	0,000	0,007	0,012	FALSE
-0,038	0,299	-0,002	0,012	0,050	FALSE
-0,040	0,305	-0,002	0,013	0,058	FALSE
-0,072	0,321	-0,003	0,010	0,108	FALSE
0,015	0,311	0,001	0,010	0,025	FALSE
-0,014	0,311	0,000	0,008	0,016	FALSE
0,098	0,314	0,003	0,009	0,123	FALSE
0,109	0,313	0,003	0,009	0,120	FALSE
0,001	0,284	-0,001	0,008	0,034	FALSE
-0,056	0,297	-0,001	0,008	0,067	FALSE
-0,115	0,319	-0,004	0,013	0,126	FALSE
0,206	0,292	0,005	0,008	0,301	FALSE
-0,074	0,295	-0,004	0,012	0,126	FALSE
-0,011	0,293	-0,001	0,012	0,027	FALSE

-0,005	0,306	0,000	0,012	0,011	FALSE
0,112	0,310	0,003	0,008	0,159	FALSE
0,009	0,311	0,001	0,012	0,016	FALSE
0,014	0,303	0,001	0,012	0,022	FALSE
0,026	0,307	0,001	0,006	0,034	FALSE
0,029	0,315	0,001	0,012	0,038	FALSE
-0,095	0,318	-0,003	0,008	0,137	FALSE
0,037	0,300	0,001	0,009	0,047	FALSE
0,076	0,312	0,002	0,009	0,106	FALSE
-0,025	0,312	0,000	0,007	0,017	FALSE
-0,017	0,300	0,000	0,007	0,017	FALSE
-0,016	0,314	-0,001	0,009	0,024	FALSE
-0,103	0,304	-0,003	0,009	0,110	FALSE
-0,023	0,316	-0,001	0,009	0,034	FALSE
-0,110	0,317	-0,004	0,013	0,124	FALSE
0,003	0,306	0,000	0,008	0,004	FALSE
0,025	0,308	0,001	0,007	0,030	FALSE
0,007	0,315	0,000	0,012	0,008	FALSE
0,028	0,291	0,000	0,012	0,012	FALSE
-0,010	0,313	-0,001	0,010	0,040	FALSE
0,021	0,313	0,001	0,008	0,031	FALSE
0,025	0,295	0,001	0,008	0,049	FALSE
-0,008	0,312	0,000	0,008	0,021	FALSE
0,092	0,297	0,004	0,010	0,133	FALSE
0,067	0,303	0,002	0,009	0,090	FALSE
-0,012	0,312	0,000	0,008	0,005	FALSE
0,021	0,313	0,000	0,013	0,009	FALSE
-0,079	0,304	-0,002	0,008	0,107	FALSE
-0,090	0,304	-0,003	0,009	0,129	FALSE
0,029	0,304	0,001	0,006	0,074	FALSE
0,127	0,291	0,004	0,008	0,177	FALSE
0,011	0,326	0,000	0,009	0,002	FALSE
0,050	0,314	0,002	0,006	0,092	FALSE
0,085	0,311	0,003	0,010	0,113	FALSE
-0,069	0,296	-0,001	0,006	0,080	FALSE
0,109	0,297	0,004	0,011	0,136	FALSE
0,177	0,308	0,007	0,012	0,265	FALSE
0,110	0,319	0,004	0,010	0,141	FALSE
0,024	0,310	0,001	0,007	0,037	FALSE
-0,098	0,314	-0,004	0,012	0,135	FALSE
-0,013	0,314	-0,001	0,013	0,022	FALSE
-0,003	0,302	0,000	0,012	0,008	FALSE
-0,021	0,326	-0,001	0,013	0,031	FALSE
-0,013	0,297	0,001	0,011	0,019	FALSE
0,094	0,307	0,004	0,011	0,128	FALSE
0,154	0,313	0,004	0,008	0,185	FALSE
0,011	0,305	0,001	0,010	0,037	FALSE
-0,083	0,299	-0,003	0,009	0,122	FALSE
-0,025	0,316	0,000	0,010	0,003	FALSE
0,101	0,313	0,004	0,013	0,108	FALSE
-0,004	0,318	0,000	0,010	0,014	FALSE
-0,057	0,313	-0,002	0,010	0,065	FALSE
0,097	0,303	0,003	0,011	0,101	FALSE

-0,124	0,313	-0,003	0,008	0,162	FALSE
0,042	0,306	0,002	0,012	0,055	FALSE
0,186	0,308	0,004	0,007	0,245	FALSE
0,160	0,306	0,005	0,009	0,226	FALSE
0,140	0,296	0,004	0,008	0,188	FALSE
0,159	0,312	0,004	0,009	0,198	FALSE
0,145	0,300	0,004	0,009	0,196	FALSE
-0,116	0,309	-0,004	0,011	0,169	FALSE
-0,062	0,306	-0,001	0,008	0,064	FALSE
0,060	0,312	0,002	0,008	0,094	FALSE
0,001	0,298	-0,001	0,011	0,046	FALSE
0,031	0,296	0,000	0,011	0,010	FALSE
0,052	0,298	0,001	0,011	0,019	FALSE
0,026	0,323	0,000	0,007	0,018	FALSE
0,055	0,304	0,002	0,006	0,101	FALSE
0,105	0,306	0,003	0,009	0,140	FALSE
0,062	0,305	0,002	0,007	0,113	FALSE
0,001	0,317	0,001	0,012	0,026	FALSE
0,060	0,305	0,002	0,006	0,109	FALSE
-0,028	0,311	0,000	0,009	0,004	FALSE
0,114	0,309	0,003	0,009	0,141	FALSE
0,016	0,287	0,002	0,013	0,046	FALSE
0,058	0,313	0,003	0,012	0,079	FALSE
0,026	0,301	0,002	0,013	0,055	FALSE
0,088	0,312	0,003	0,011	0,091	FALSE
0,114	0,316	0,003	0,008	0,154	FALSE
-0,027	0,297	-0,001	0,008	0,050	FALSE
0,042	0,309	0,001	0,007	0,052	FALSE
0,045	0,290	0,002	0,012	0,072	FALSE
-0,050	0,315	-0,002	0,013	0,059	FALSE
0,018	0,300	0,000	0,013	0,001	FALSE
0,023	0,314	0,000	0,013	0,010	FALSE
-0,006	0,312	-0,001	0,013	0,020	FALSE
0,028	0,299	0,000	0,012	0,009	FALSE
-0,003	0,303	-0,001	0,012	0,024	FALSE
0,076	0,293	0,003	0,010	0,112	FALSE
-0,010	0,310	0,000	0,009	0,006	FALSE
-0,062	0,307	-0,001	0,010	0,054	FALSE
-0,059	0,315	-0,002	0,010	0,071	FALSE
-0,029	0,314	-0,001	0,006	0,052	FALSE
0,000	0,310	0,000	0,010	0,001	FALSE
-0,080	0,320	-0,003	0,012	0,112	FALSE
-0,010	0,301	0,000	0,007	0,002	FALSE
-0,057	0,303	-0,003	0,011	0,086	FALSE
-0,091	0,306	-0,002	0,007	0,112	FALSE
0,125	0,302	0,004	0,009	0,195	FALSE
0,093	0,302	0,002	0,009	0,107	FALSE
0,133	0,308	0,003	0,008	0,145	FALSE
-0,191	0,303	-0,008	0,012	0,290	FALSE
0,120	0,297	0,004	0,008	0,190	FALSE
-0,037	0,313	-0,001	0,006	0,041	FALSE
0,037	0,327	0,001	0,013	0,026	FALSE
-0,034	0,306	-0,001	0,010	0,056	FALSE

0,043	0,315	0,001	0,013	0,032	FALSE
0,053	0,318	0,002	0,013	0,042	FALSE
0,039	0,320	0,001	0,013	0,035	FALSE
0,051	0,317	0,002	0,012	0,050	FALSE
-0,178	0,316	-0,005	0,009	0,260	FALSE
0,111	0,311	0,003	0,008	0,143	FALSE
0,017	0,320	0,001	0,007	0,033	FALSE
0,067	0,296	0,002	0,011	0,071	FALSE
0,054	0,308	0,001	0,008	0,062	FALSE
0,041	0,314	0,001	0,008	0,044	FALSE
0,061	0,309	0,001	0,008	0,059	FALSE
-0,128	0,299	-0,004	0,008	0,175	FALSE
0,091	0,324	0,002	0,007	0,116	FALSE
-0,059	0,300	-0,002	0,011	0,051	FALSE
0,078	0,302	0,002	0,007	0,123	FALSE
0,054	0,296	0,001	0,007	0,070	FALSE
-0,080	0,306	-0,003	0,010	0,099	FALSE
0,051	0,321	0,002	0,012	0,058	FALSE
0,077	0,299	0,002	0,007	0,104	FALSE
-0,122	0,307	-0,005	0,011	0,168	FALSE
-0,075	0,316	-0,003	0,009	0,127	FALSE
-0,048	0,295	-0,002	0,012	0,068	FALSE
0,089	0,313	0,002	0,008	0,107	FALSE
-0,140	0,302	-0,005	0,012	0,176	FALSE
0,127	0,299	0,005	0,012	0,180	FALSE
-0,034	0,304	-0,002	0,010	0,063	FALSE
-0,071	0,307	-0,002	0,013	0,074	FALSE
0,010	0,308	-0,001	0,013	0,014	FALSE
-0,046	0,298	-0,001	0,007	0,072	FALSE
-0,024	0,298	-0,001	0,011	0,032	FALSE
-0,186	0,309	-0,006	0,010	0,292	FALSE
-0,201	0,306	-0,007	0,011	0,288	FALSE
0,006	0,302	0,000	0,009	0,006	FALSE
-0,004	0,301	0,000	0,010	0,001	FALSE
-0,001	0,315	-0,001	0,012	0,017	FALSE
-0,019	0,319	-0,001	0,009	0,021	FALSE
0,052	0,290	0,003	0,010	0,122	FALSE
-0,121	0,302	-0,004	0,013	0,138	FALSE
-0,010	0,314	0,000	0,007	0,003	FALSE
0,057	0,299	0,001	0,007	0,063	FALSE
0,085	0,302	0,002	0,007	0,114	FALSE
-0,076	0,307	-0,002	0,007	0,089	FALSE
0,085	0,304	0,003	0,009	0,124	FALSE
0,040	0,307	0,001	0,010	0,049	FALSE
0,074	0,295	0,003	0,012	0,091	FALSE
0,117	0,298	0,004	0,013	0,140	FALSE
-0,107	0,304	-0,004	0,011	0,128	FALSE
-0,071	0,297	-0,002	0,011	0,076	FALSE
-0,038	0,303	-0,001	0,008	0,027	FALSE
0,095	0,301	0,002	0,007	0,085	FALSE
0,068	0,311	0,002	0,009	0,101	FALSE
-0,066	0,303	-0,002	0,012	0,073	FALSE
0,092	0,310	0,004	0,010	0,135	FALSE

0,154	0,305	0,003	0,007	0,196	FALSE
-0,052	0,298	-0,002	0,008	0,071	FALSE
-0,008	0,305	0,000	0,007	0,008	FALSE
-0,066	0,303	-0,003	0,012	0,094	FALSE
0,157	0,311	0,004	0,008	0,230	FALSE
0,027	0,314	0,001	0,008	0,042	FALSE
0,031	0,321	0,001	0,007	0,040	FALSE
-0,044	0,297	-0,001	0,012	0,020	FALSE
0,041	0,310	0,002	0,011	0,054	FALSE
0,031	0,315	0,000	0,010	0,014	FALSE
-0,020	0,316	-0,001	0,008	0,032	FALSE
-0,029	0,303	0,000	0,011	0,001	FALSE
0,034	0,319	0,001	0,013	0,018	FALSE
0,057	0,316	0,001	0,007	0,068	FALSE
-0,022	0,294	-0,001	0,012	0,043	FALSE
0,005	0,310	0,000	0,007	0,004	FALSE
0,016	0,302	0,000	0,009	0,001	FALSE
0,095	0,308	0,004	0,012	0,122	FALSE
-0,089	0,321	-0,002	0,008	0,096	FALSE
-0,074	0,299	-0,002	0,007	0,123	FALSE
0,068	0,301	0,002	0,012	0,064	FALSE
-0,050	0,310	-0,001	0,009	0,045	FALSE
-0,056	0,309	-0,001	0,006	0,077	FALSE
-0,063	0,319	-0,001	0,006	0,080	FALSE
-0,084	0,306	-0,004	0,013	0,121	FALSE
-0,079	0,307	-0,004	0,013	0,120	FALSE
-0,044	0,305	-0,001	0,011	0,036	FALSE
0,042	0,302	0,002	0,009	0,063	FALSE
0,002	0,304	0,000	0,010	0,007	FALSE
-0,042	0,311	-0,002	0,009	0,078	FALSE
-0,150	0,308	-0,004	0,009	0,196	FALSE
-0,004	0,305	-0,001	0,008	0,034	FALSE
0,057	0,312	0,003	0,012	0,093	FALSE
0,157	0,313	0,005	0,010	0,232	FALSE
-0,086	0,322	-0,003	0,008	0,134	FALSE
0,061	0,305	0,002	0,011	0,063	FALSE
-0,128	0,309	-0,004	0,010	0,187	FALSE
0,034	0,283	0,001	0,012	0,042	FALSE
0,015	0,291	0,001	0,008	0,032	FALSE
-0,124	0,289	-0,002	0,007	0,140	FALSE
-0,026	0,300	0,000	0,009	0,016	FALSE
-0,002	0,300	0,000	0,012	0,001	FALSE
0,002	0,311	0,000	0,010	0,011	FALSE
-0,058	0,295	-0,002	0,009	0,069	FALSE
0,014	0,334	0,001	0,010	0,032	FALSE
-0,041	0,316	-0,001	0,009	0,048	FALSE
0,119	0,315	0,003	0,007	0,181	FALSE
0,026	0,320	0,001	0,010	0,044	FALSE
0,088	0,314	0,002	0,007	0,120	FALSE
-0,051	0,318	-0,002	0,011	0,066	FALSE
-0,098	0,315	-0,002	0,008	0,110	FALSE
-0,014	0,297	0,000	0,007	0,004	FALSE
0,059	0,308	0,002	0,010	0,069	FALSE

0,129	0,304	0,004	0,009	0,178	FALSE
0,008	0,307	0,000	0,010	0,012	FALSE
-0,057	0,300	-0,001	0,007	0,060	FALSE
0,125	0,312	0,003	0,008	0,154	FALSE
-0,057	0,302	-0,002	0,013	0,069	FALSE
-0,024	0,309	-0,001	0,013	0,028	FALSE
0,117	0,299	0,003	0,008	0,186	FALSE
-0,182	0,308	-0,007	0,011	0,263	FALSE
0,013	0,301	0,001	0,008	0,025	FALSE
0,111	0,308	0,004	0,010	0,190	FALSE
0,010	0,301	0,000	0,008	0,006	FALSE
-0,059	0,305	-0,002	0,012	0,076	FALSE
0,046	0,312	0,002	0,012	0,067	FALSE
-0,095	0,292	-0,002	0,010	0,090	FALSE
-0,003	0,322	0,000	0,013	0,009	FALSE
-0,053	0,300	-0,002	0,010	0,066	FALSE
-0,017	0,300	-0,001	0,009	0,023	FALSE
0,098	0,303	0,003	0,011	0,109	FALSE
0,050	0,302	0,001	0,008	0,055	FALSE
-0,037	0,304	0,000	0,011	0,013	FALSE
-0,117	0,304	-0,003	0,009	0,142	FALSE
0,135	0,303	0,004	0,012	0,154	FALSE
-0,005	0,321	0,000	0,009	0,007	FALSE
0,096	0,312	0,004	0,011	0,124	FALSE
0,145	0,294	0,005	0,011	0,189	FALSE
0,028	0,294	0,000	0,009	0,013	FALSE
0,055	0,326	0,001	0,011	0,047	FALSE
-0,006	0,305	0,000	0,008	0,016	FALSE
-0,025	0,323	0,000	0,008	0,014	FALSE
-0,027	0,290	-0,001	0,010	0,019	FALSE
-0,013	0,313	0,000	0,007	0,003	FALSE
0,168	0,299	0,004	0,007	0,229	FALSE
0,009	0,286	0,000	0,008	0,014	FALSE
-0,125	0,306	-0,004	0,012	0,144	FALSE
0,060	0,306	0,002	0,010	0,085	FALSE
-0,027	0,303	0,000	0,008	0,018	FALSE
0,009	0,320	0,000	0,007	0,008	FALSE
-0,035	0,318	-0,001	0,011	0,037	FALSE
-0,061	0,320	-0,003	0,012	0,083	FALSE
0,087	0,304	0,002	0,007	0,118	FALSE
0,011	0,311	0,000	0,007	0,015	FALSE
0,029	0,307	0,001	0,010	0,052	FALSE
-0,064	0,299	-0,002	0,011	0,082	FALSE
0,113	0,310	0,003	0,008	0,155	FALSE
-0,073	0,311	-0,002	0,007	0,126	FALSE
-0,133	0,293	-0,004	0,008	0,192	FALSE
0,043	0,304	0,002	0,010	0,067	FALSE
-0,107	0,286	-0,003	0,009	0,131	FALSE
0,058	0,300	0,002	0,008	0,089	FALSE
-0,013	0,313	-0,001	0,007	0,044	FALSE
-0,014	0,308	-0,002	0,013	0,043	FALSE
-0,031	0,296	-0,002	0,009	0,080	FALSE
0,013	0,304	0,001	0,012	0,026	FALSE

-0,029	0,294	-0,001	0,008	0,074	FALSE
-0,021	0,297	-0,002	0,011	0,064	FALSE
-0,030	0,307	-0,002	0,011	0,078	FALSE
-0,018	0,307	0,000	0,007	0,006	FALSE
0,004	0,308	0,000	0,013	0,013	FALSE
-0,004	0,315	0,000	0,013	0,006	FALSE
0,040	0,309	0,002	0,011	0,077	FALSE
-0,018	0,311	0,000	0,013	0,013	FALSE
-0,096	0,309	-0,004	0,009	0,157	FALSE
0,025	0,296	0,002	0,013	0,046	FALSE
-0,108	0,302	-0,002	0,006	0,109	FALSE
0,046	0,329	0,002	0,011	0,070	FALSE
0,105	0,304	0,004	0,011	0,135	FALSE
0,007	0,302	0,001	0,012	0,024	FALSE
0,105	0,308	0,002	0,008	0,114	FALSE
-0,006	0,300	0,000	0,007	0,024	FALSE
-0,058	0,318	-0,002	0,009	0,076	FALSE
-0,028	0,315	-0,002	0,013	0,051	FALSE
0,037	0,298	0,002	0,012	0,065	FALSE
-0,048	0,316	-0,003	0,013	0,079	FALSE
-0,036	0,311	-0,002	0,012	0,069	FALSE
0,002	0,312	-0,001	0,013	0,019	FALSE
-0,056	0,307	-0,002	0,009	0,096	FALSE
0,012	0,314	0,001	0,012	0,016	FALSE
0,105	0,301	0,002	0,006	0,142	FALSE
0,027	0,321	0,001	0,010	0,044	FALSE
-0,024	0,317	0,000	0,010	0,015	FALSE
-0,066	0,307	-0,001	0,007	0,051	FALSE
0,016	0,312	0,001	0,013	0,014	FALSE
-0,064	0,303	-0,003	0,012	0,082	FALSE
0,037	0,293	0,002	0,013	0,042	FALSE
0,061	0,292	0,003	0,010	0,095	FALSE
-0,033	0,301	-0,001	0,009	0,043	FALSE
0,005	0,308	0,000	0,008	0,017	FALSE
-0,148	0,301	-0,004	0,007	0,216	FALSE
0,036	0,310	0,001	0,008	0,050	FALSE
0,019	0,319	0,001	0,012	0,016	FALSE
0,065	0,312	0,002	0,012	0,075	FALSE
-0,158	0,306	-0,003	0,007	0,205	FALSE
-0,191	0,298	-0,004	0,006	0,250	FALSE
0,024	0,300	0,001	0,009	0,029	FALSE
-0,069	0,297	-0,003	0,012	0,090	FALSE
0,088	0,307	0,002	0,008	0,114	FALSE
-0,056	0,289	-0,001	0,007	0,051	FALSE
0,089	0,303	0,003	0,011	0,115	FALSE
0,039	0,309	0,001	0,010	0,029	FALSE
0,119	0,307	0,003	0,007	0,173	FALSE
0,087	0,296	0,003	0,009	0,149	FALSE
-0,013	0,309	-0,001	0,013	0,026	FALSE
-0,104	0,308	-0,002	0,006	0,118	FALSE
-0,028	0,307	-0,001	0,010	0,044	FALSE
-0,043	0,298	-0,002	0,009	0,061	FALSE
-0,080	0,309	-0,002	0,010	0,098	FALSE

-0,093	0,300	-0,002	0,006	0,124	FALSE
0,018	0,314	0,000	0,006	0,025	FALSE
-0,155	0,280	-0,004	0,007	0,248	FALSE
0,032	0,311	0,002	0,011	0,068	FALSE
0,123	0,320	0,005	0,013	0,136	FALSE
-0,044	0,312	-0,002	0,009	0,094	FALSE
-0,028	0,310	-0,001	0,006	0,050	FALSE
0,009	0,310	0,001	0,011	0,044	FALSE
-0,031	0,320	-0,001	0,013	0,027	FALSE
0,006	0,308	0,001	0,010	0,036	FALSE
0,061	0,294	0,002	0,010	0,058	FALSE
-0,039	0,304	-0,001	0,010	0,039	FALSE
-0,144	0,310	-0,007	0,012	0,256	FALSE
0,169	0,298	0,008	0,011	0,298	FALSE
0,030	0,297	0,001	0,007	0,047	FALSE
-0,041	0,302	-0,001	0,007	0,048	FALSE
-0,029	0,309	-0,001	0,007	0,025	FALSE
0,105	0,302	0,003	0,007	0,199	FALSE
0,089	0,307	0,003	0,010	0,097	FALSE
0,004	0,303	0,001	0,011	0,020	FALSE
0,030	0,314	0,001	0,013	0,021	FALSE
0,029	0,286	0,001	0,008	0,066	FALSE
-0,003	0,306	0,000	0,012	0,005	FALSE
0,003	0,304	0,000	0,012	0,006	FALSE
-0,020	0,307	-0,001	0,012	0,019	FALSE
0,008	0,311	0,001	0,012	0,025	FALSE
-0,048	0,312	-0,002	0,012	0,051	FALSE
0,069	0,304	0,002	0,008	0,080	FALSE
0,059	0,308	0,001	0,007	0,064	FALSE
0,003	0,309	0,001	0,012	0,020	FALSE
-0,053	0,324	-0,002	0,010	0,054	FALSE
-0,053	0,290	-0,002	0,011	0,072	FALSE
0,021	0,292	0,001	0,009	0,030	FALSE
0,003	0,316	0,000	0,008	0,023	FALSE
0,127	0,282	0,005	0,012	0,178	FALSE
-0,048	0,326	-0,001	0,010	0,045	FALSE
-0,064	0,323	-0,002	0,013	0,064	FALSE
0,101	0,311	0,003	0,012	0,107	FALSE
-0,065	0,308	-0,001	0,010	0,054	FALSE
-0,062	0,305	-0,002	0,010	0,072	FALSE
0,005	0,312	0,000	0,008	0,012	FALSE
-0,064	0,300	-0,002	0,009	0,085	FALSE
-0,032	0,306	-0,001	0,009	0,034	FALSE
0,034	0,311	0,001	0,011	0,043	FALSE
-0,106	0,320	-0,002	0,007	0,117	FALSE
0,008	0,308	0,000	0,010	0,001	FALSE
0,061	0,313	0,002	0,011	0,073	FALSE
0,029	0,303	0,001	0,007	0,039	FALSE
-0,098	0,302	-0,004	0,011	0,153	FALSE
0,028	0,312	0,002	0,012	0,046	FALSE
0,153	0,309	0,004	0,010	0,172	FALSE
0,019	0,303	0,000	0,009	0,009	FALSE
0,031	0,299	0,002	0,011	0,051	FALSE

-0,067	0,318	-0,002	0,012	0,062	FALSE
0,016	0,308	0,001	0,013	0,028	FALSE
-0,035	0,286	-0,001	0,012	0,038	FALSE
0,070	0,318	0,002	0,011	0,072	FALSE
0,053	0,302	0,001	0,011	0,046	FALSE
-0,073	0,304	-0,002	0,007	0,090	FALSE
0,035	0,324	0,001	0,012	0,023	FALSE
0,013	0,315	0,000	0,011	0,015	FALSE
0,007	0,319	0,000	0,008	0,023	FALSE
0,108	0,318	0,005	0,013	0,151	FALSE
0,012	0,301	0,000	0,008	0,019	FALSE
0,015	0,315	0,000	0,009	0,018	FALSE
0,116	0,294	0,005	0,011	0,186	FALSE
0,144	0,312	0,007	0,013	0,204	FALSE
0,006	0,297	0,000	0,011	0,016	FALSE
0,027	0,321	0,001	0,012	0,029	FALSE
-0,093	0,292	-0,003	0,008	0,127	FALSE
-0,100	0,318	-0,002	0,008	0,108	FALSE
0,124	0,301	0,003	0,008	0,166	FALSE
-0,018	0,317	-0,001	0,009	0,025	FALSE
-0,033	0,290	-0,001	0,011	0,049	FALSE
0,066	0,306	0,002	0,009	0,106	FALSE
-0,004	0,297	0,000	0,009	0,006	FALSE
-0,071	0,303	-0,003	0,012	0,103	FALSE
0,036	0,320	0,000	0,007	0,001	FALSE
0,048	0,314	0,001	0,007	0,061	FALSE
-0,051	0,289	-0,002	0,010	0,060	FALSE
-0,055	0,311	-0,002	0,011	0,071	FALSE
-0,100	0,307	-0,004	0,010	0,141	FALSE
-0,122	0,315	-0,005	0,013	0,156	FALSE
0,126	0,294	0,007	0,013	0,227	FALSE
0,120	0,282	0,005	0,011	0,215	FALSE
-0,144	0,314	-0,003	0,007	0,203	FALSE
-0,039	0,300	0,000	0,008	0,008	FALSE
-0,103	0,302	-0,003	0,009	0,112	FALSE
-0,081	0,313	-0,002	0,010	0,083	FALSE
0,024	0,306	0,001	0,013	0,027	FALSE
0,076	0,298	0,003	0,011	0,100	FALSE
-0,124	0,298	-0,005	0,013	0,159	FALSE
0,117	0,312	0,005	0,013	0,151	FALSE
-0,122	0,314	-0,005	0,013	0,163	FALSE
-0,012	0,303	0,000	0,008	0,007	FALSE
0,051	0,301	0,001	0,009	0,043	FALSE
-0,085	0,289	-0,004	0,011	0,152	FALSE
-0,064	0,291	-0,002	0,010	0,086	FALSE
0,078	0,307	0,002	0,007	0,136	FALSE
-0,100	0,298	-0,003	0,009	0,136	FALSE
0,067	0,307	0,002	0,007	0,107	FALSE
0,144	0,296	0,005	0,010	0,205	FALSE
-0,028	0,319	-0,001	0,011	0,024	FALSE
-0,032	0,313	-0,001	0,011	0,027	FALSE
-0,009	0,308	-0,001	0,011	0,033	FALSE
-0,022	0,320	-0,001	0,011	0,036	FALSE

-0,001	0,315	0,000	0,009	0,009	FALSE
0,023	0,299	0,000	0,013	0,006	FALSE
-0,046	0,317	-0,002	0,011	0,065	FALSE
0,039	0,293	0,001	0,007	0,039	FALSE
0,027	0,319	0,001	0,010	0,050	FALSE
0,035	0,298	0,001	0,009	0,044	FALSE
0,006	0,301	0,000	0,012	0,011	FALSE
0,048	0,307	0,002	0,010	0,061	FALSE
0,016	0,310	0,000	0,009	0,018	FALSE
0,127	0,306	0,004	0,010	0,185	FALSE
-0,025	0,305	-0,001	0,012	0,025	FALSE
-0,024	0,310	-0,001	0,012	0,016	FALSE
-0,022	0,320	0,000	0,007	0,004	FALSE
0,000	0,303	0,000	0,012	0,008	FALSE
-0,014	0,302	-0,002	0,011	0,057	FALSE
-0,080	0,319	-0,002	0,009	0,095	FALSE
-0,005	0,319	0,001	0,010	0,023	FALSE
0,018	0,311	0,001	0,009	0,024	FALSE
0,068	0,304	0,004	0,012	0,119	FALSE
0,025	0,310	0,001	0,012	0,044	FALSE
-0,030	0,307	0,000	0,007	0,015	FALSE
0,016	0,310	0,000	0,007	0,002	FALSE
-0,007	0,318	0,000	0,007	0,004	FALSE
-0,027	0,311	-0,001	0,010	0,027	FALSE
-0,007	0,307	0,000	0,009	0,003	FALSE
0,047	0,304	0,002	0,007	0,095	FALSE
0,027	0,307	0,000	0,012	0,012	FALSE
0,004	0,310	-0,001	0,013	0,021	FALSE
-0,013	0,314	-0,001	0,008	0,037	FALSE
0,034	0,300	0,001	0,011	0,020	FALSE
-0,074	0,307	-0,002	0,007	0,126	FALSE
-0,062	0,322	-0,002	0,013	0,052	FALSE
0,075	0,312	0,002	0,007	0,084	FALSE
-0,158	0,305	-0,004	0,008	0,208	FALSE
0,093	0,319	0,003	0,012	0,095	FALSE
-0,082	0,312	-0,003	0,011	0,101	FALSE
-0,071	0,310	-0,002	0,007	0,111	FALSE
-0,036	0,300	-0,001	0,007	0,061	FALSE
-0,044	0,303	-0,001	0,010	0,024	FALSE
-0,101	0,307	-0,002	0,007	0,118	FALSE
0,009	0,309	0,001	0,008	0,036	FALSE
0,094	0,311	0,002	0,008	0,111	FALSE
-0,217	0,297	-0,005	0,007	0,358	FALSE
-0,107	0,304	-0,003	0,009	0,136	FALSE
0,027	0,297	0,001	0,008	0,043	FALSE
0,201	0,308	0,006	0,009	0,268	FALSE
0,114	0,299	0,003	0,009	0,152	FALSE
-0,040	0,301	-0,003	0,012	0,078	FALSE
-0,075	0,296	-0,002	0,006	0,111	FALSE
-0,087	0,297	-0,005	0,012	0,145	FALSE
0,067	0,289	0,001	0,007	0,066	FALSE
0,084	0,287	0,002	0,007	0,111	FALSE
-0,014	0,309	0,000	0,013	0,009	FALSE

-0,024	0,306	-0,001	0,007	0,035	FALSE
0,082	0,303	0,002	0,007	0,142	FALSE
0,064	0,298	0,001	0,012	0,043	FALSE
-0,061	0,297	-0,002	0,013	0,062	FALSE
0,192	0,293	0,004	0,007	0,273	FALSE
-0,089	0,298	-0,003	0,010	0,133	FALSE
-0,118	0,299	-0,004	0,010	0,171	FALSE
-0,102	0,293	-0,004	0,010	0,162	FALSE
0,057	0,306	0,001	0,010	0,047	FALSE
0,003	0,318	0,001	0,011	0,019	FALSE
0,006	0,313	0,000	0,006	0,022	FALSE
0,030	0,309	0,001	0,006	0,058	FALSE
-0,030	0,298	-0,002	0,010	0,075	FALSE
0,093	0,303	0,004	0,012	0,117	FALSE
-0,032	0,312	-0,001	0,011	0,028	FALSE
-0,036	0,310	-0,001	0,012	0,033	FALSE
-0,063	0,296	-0,002	0,010	0,088	FALSE
0,118	0,320	0,004	0,010	0,144	FALSE
0,032	0,314	0,001	0,010	0,022	FALSE
0,087	0,294	0,003	0,012	0,104	FALSE
-0,129	0,303	-0,004	0,009	0,195	FALSE
0,119	0,277	0,005	0,011	0,184	FALSE
-0,038	0,305	-0,002	0,013	0,048	FALSE
0,099	0,312	0,003	0,011	0,103	FALSE
-0,148	0,296	-0,003	0,007	0,208	FALSE
0,057	0,317	0,001	0,007	0,076	FALSE
0,100	0,295	0,003	0,011	0,116	FALSE
0,016	0,321	0,000	0,010	0,016	FALSE
0,109	0,314	0,004	0,013	0,124	FALSE
0,052	0,313	0,002	0,011	0,059	FALSE
-0,001	0,303	0,000	0,012	0,014	FALSE
-0,026	0,308	-0,001	0,007	0,048	FALSE
-0,130	0,304	-0,005	0,011	0,183	FALSE
-0,039	0,301	-0,001	0,010	0,045	FALSE
-0,046	0,302	-0,002	0,008	0,072	FALSE
-0,136	0,300	-0,004	0,009	0,172	FALSE
-0,080	0,292	-0,002	0,007	0,099	FALSE
-0,021	0,323	-0,001	0,010	0,030	FALSE
-0,031	0,301	-0,001	0,007	0,035	FALSE
-0,003	0,302	0,000	0,012	0,011	FALSE
0,004	0,315	0,001	0,007	0,039	FALSE
-0,008	0,313	0,000	0,007	0,014	FALSE
0,061	0,310	0,002	0,006	0,101	FALSE
0,154	0,302	0,006	0,011	0,231	FALSE
0,075	0,316	0,002	0,007	0,118	FALSE
0,019	0,305	0,002	0,012	0,053	FALSE
0,129	0,309	0,007	0,013	0,225	FALSE
-0,058	0,317	-0,001	0,007	0,067	FALSE
-0,035	0,295	-0,001	0,010	0,022	FALSE
-0,016	0,315	0,000	0,011	0,013	FALSE
0,093	0,311	0,002	0,008	0,113	FALSE
0,032	0,303	0,001	0,010	0,045	FALSE
0,083	0,321	0,003	0,011	0,095	FALSE

0,067	0,312	0,002	0,011	0,053	FALSE
-0,093	0,315	-0,002	0,007	0,112	FALSE
0,160	0,293	0,004	0,009	0,169	FALSE
-0,187	0,296	-0,008	0,012	0,291	FALSE
0,008	0,309	0,002	0,012	0,047	FALSE
0,075	0,290	0,004	0,011	0,155	FALSE
0,093	0,314	0,003	0,011	0,104	FALSE
0,021	0,293	0,000	0,006	0,004	FALSE
0,059	0,296	0,002	0,008	0,088	FALSE
0,105	0,309	0,004	0,013	0,136	FALSE
-0,016	0,309	0,000	0,008	0,015	FALSE
0,068	0,305	0,001	0,007	0,052	FALSE
0,065	0,312	0,003	0,011	0,088	FALSE
0,157	0,313	0,004	0,010	0,176	FALSE
-0,093	0,317	-0,003	0,011	0,110	FALSE
-0,074	0,302	-0,002	0,010	0,073	FALSE
-0,124	0,296	-0,003	0,010	0,132	FALSE
-0,052	0,301	-0,003	0,013	0,096	FALSE
-0,009	0,308	0,000	0,009	0,014	FALSE
0,105	0,297	0,005	0,012	0,168	FALSE
0,243	0,293	0,008	0,009	0,439	FALSE
0,131	0,310	0,003	0,007	0,195	FALSE
-0,003	0,303	0,001	0,013	0,018	FALSE
0,039	0,303	0,003	0,011	0,096	FALSE
-0,044	0,316	-0,001	0,008	0,070	FALSE
-0,227	0,294	-0,005	0,007	0,348	FALSE
0,073	0,298	0,001	0,008	0,062	FALSE
0,085	0,304	0,002	0,009	0,075	FALSE
-0,075	0,309	-0,002	0,009	0,100	FALSE
0,071	0,302	0,002	0,007	0,110	FALSE
-0,020	0,311	-0,001	0,007	0,032	FALSE
0,043	0,309	0,001	0,007	0,060	FALSE
-0,077	0,304	-0,002	0,009	0,100	FALSE
0,011	0,292	0,001	0,010	0,026	FALSE
0,046	0,295	0,003	0,012	0,082	FALSE
-0,078	0,297	-0,004	0,011	0,120	FALSE
0,004	0,309	0,000	0,012	0,012	FALSE
-0,035	0,320	-0,001	0,011	0,035	FALSE
-0,023	0,305	-0,001	0,011	0,017	FALSE
-0,024	0,302	-0,001	0,009	0,033	FALSE
-0,046	0,289	-0,001	0,007	0,034	FALSE
-0,020	0,294	0,000	0,009	0,001	FALSE
0,015	0,312	0,000	0,012	0,014	FALSE
0,052	0,309	0,002	0,009	0,070	FALSE
0,085	0,301	0,003	0,008	0,126	FALSE
0,074	0,310	0,002	0,009	0,099	FALSE
-0,028	0,303	-0,001	0,010	0,040	FALSE
0,060	0,305	0,002	0,010	0,090	FALSE
-0,003	0,301	0,001	0,010	0,019	FALSE
0,002	0,292	0,001	0,010	0,030	FALSE
-0,008	0,296	0,001	0,010	0,020	FALSE
-0,010	0,305	0,000	0,009	0,003	FALSE
-0,003	0,306	0,001	0,010	0,022	FALSE

0,010	0,296	0,001	0,010	0,050	FALSE
0,007	0,313	0,000	0,007	0,001	FALSE
0,127	0,321	0,005	0,012	0,186	FALSE
-0,132	0,297	-0,003	0,007	0,185	FALSE
0,084	0,311	0,002	0,010	0,088	FALSE
0,028	0,311	0,001	0,011	0,039	FALSE
0,146	0,303	0,005	0,009	0,215	TRUE
0,158	0,306	0,005	0,009	0,212	FALSE
0,002	0,306	0,000	0,011	0,015	FALSE
-0,069	0,307	-0,002	0,008	0,079	FALSE
-0,027	0,307	-0,001	0,008	0,024	FALSE
0,081	0,317	0,002	0,007	0,124	FALSE
0,000	0,313	0,000	0,008	0,017	FALSE
0,038	0,315	0,000	0,007	0,013	FALSE
0,001	0,312	0,001	0,007	0,026	FALSE
-0,022	0,300	-0,002	0,012	0,051	FALSE
-0,055	0,305	-0,003	0,013	0,086	FALSE
0,010	0,312	0,001	0,010	0,050	FALSE
-0,095	0,300	-0,002	0,007	0,099	FALSE
0,002	0,317	0,000	0,012	0,000	FALSE
-0,061	0,310	-0,002	0,009	0,102	FALSE
0,175	0,304	0,004	0,007	0,226	FALSE
0,130	0,309	0,005	0,011	0,167	FALSE
-0,091	0,292	-0,004	0,011	0,132	FALSE
0,150	0,296	0,005	0,010	0,206	FALSE
-0,104	0,300	-0,003	0,010	0,117	FALSE
0,082	0,304	0,002	0,008	0,098	FALSE
0,021	0,312	0,001	0,010	0,031	FALSE
0,017	0,311	0,000	0,007	0,002	FALSE
-0,034	0,306	-0,001	0,009	0,032	FALSE
-0,073	0,291	-0,001	0,006	0,087	FALSE
-0,071	0,291	-0,001	0,006	0,080	FALSE
0,010	0,320	0,000	0,007	0,011	FALSE
-0,033	0,311	-0,002	0,012	0,055	FALSE
0,072	0,299	0,002	0,009	0,074	FALSE
-0,081	0,298	-0,002	0,010	0,093	FALSE
0,034	0,294	0,001	0,007	0,043	FALSE
-0,060	0,312	-0,002	0,011	0,056	FALSE
0,061	0,300	0,002	0,013	0,067	FALSE
0,032	0,304	0,000	0,007	0,016	FALSE
-0,044	0,313	-0,001	0,008	0,049	FALSE
0,036	0,301	0,002	0,007	0,088	FALSE
0,063	0,319	0,002	0,011	0,071	FALSE
-0,014	0,310	-0,001	0,009	0,032	FALSE
0,027	0,317	0,000	0,009	0,011	FALSE
-0,012	0,317	-0,001	0,009	0,028	FALSE
-0,063	0,301	-0,002	0,009	0,081	FALSE
-0,021	0,305	-0,001	0,007	0,024	FALSE
-0,019	0,299	-0,001	0,008	0,027	FALSE
0,085	0,304	0,004	0,011	0,143	FALSE
-0,041	0,314	-0,001	0,008	0,055	FALSE
-0,005	0,304	-0,001	0,009	0,037	FALSE
0,021	0,295	0,002	0,011	0,058	FALSE

0,000	0,317	0,000	0,013	0,010	FALSE
0,057	0,318	0,002	0,012	0,072	FALSE
0,015	0,312	0,001	0,007	0,029	FALSE
0,089	0,309	0,002	0,007	0,098	FALSE
0,074	0,307	0,002	0,007	0,084	FALSE
-0,055	0,306	-0,001	0,007	0,067	FALSE
-0,092	0,319	-0,003	0,008	0,131	FALSE
-0,055	0,310	-0,002	0,010	0,067	FALSE
0,008	0,301	0,000	0,007	0,014	FALSE
0,080	0,310	0,003	0,012	0,091	FALSE
-0,095	0,305	-0,003	0,008	0,137	FALSE
-0,058	0,295	-0,002	0,011	0,067	FALSE
-0,029	0,314	-0,001	0,011	0,048	FALSE
-0,013	0,311	-0,001	0,011	0,029	FALSE
-0,057	0,302	-0,002	0,011	0,065	FALSE
-0,091	0,308	-0,003	0,009	0,128	FALSE
-0,015	0,309	-0,001	0,013	0,025	FALSE
-0,009	0,300	-0,001	0,013	0,021	FALSE
-0,117	0,306	-0,004	0,011	0,142	FALSE
0,158	0,294	0,007	0,013	0,214	FALSE
0,156	0,302	0,006	0,013	0,193	FALSE
0,008	0,314	0,000	0,013	0,006	FALSE
0,075	0,309	0,002	0,011	0,089	FALSE
-0,040	0,313	-0,002	0,009	0,060	FALSE
-0,041	0,323	-0,002	0,009	0,070	FALSE
0,002	0,303	0,000	0,011	0,009	FALSE
0,076	0,301	0,002	0,011	0,072	FALSE
-0,109	0,317	-0,004	0,012	0,133	FALSE
-0,040	0,305	-0,001	0,007	0,046	FALSE
-0,030	0,304	-0,001	0,008	0,032	FALSE
-0,053	0,301	-0,001	0,008	0,061	FALSE
-0,007	0,310	0,000	0,008	0,001	FALSE
0,035	0,319	0,002	0,010	0,084	FALSE
0,041	0,307	0,002	0,010	0,080	FALSE
0,027	0,310	0,000	0,011	0,013	FALSE
0,014	0,314	0,000	0,010	0,004	FALSE
0,094	0,304	0,003	0,007	0,138	FALSE
-0,071	0,310	-0,003	0,012	0,107	FALSE
0,089	0,316	0,002	0,008	0,089	FALSE
0,191	0,297	0,008	0,013	0,273	FALSE
-0,074	0,319	-0,003	0,012	0,101	FALSE
0,087	0,316	0,002	0,011	0,078	FALSE
0,087	0,295	0,002	0,010	0,087	FALSE
0,078	0,295	0,002	0,008	0,119	FALSE
0,059	0,311	0,002	0,009	0,090	FALSE
0,029	0,307	0,001	0,008	0,058	FALSE
0,065	0,314	0,003	0,013	0,088	FALSE
0,064	0,302	0,002	0,009	0,096	FALSE
-0,086	0,317	-0,004	0,012	0,117	FALSE
-0,068	0,298	-0,002	0,007	0,108	FALSE
-0,069	0,304	-0,001	0,007	0,069	FALSE
0,094	0,312	0,003	0,010	0,118	FALSE
0,041	0,305	0,002	0,013	0,052	FALSE

0,071	0,300	0,003	0,013	0,091	FALSE
0,129	0,301	0,005	0,013	0,153	FALSE
-0,178	0,292	-0,004	0,006	0,267	FALSE
0,045	0,304	0,000	0,008	0,008	FALSE
0,107	0,283	0,005	0,012	0,183	FALSE
0,009	0,298	0,001	0,013	0,039	FALSE
-0,022	0,296	0,000	0,010	0,001	FALSE
-0,006	0,312	-0,001	0,011	0,019	FALSE
-0,023	0,301	0,000	0,008	0,018	FALSE
-0,018	0,303	0,000	0,012	0,011	FALSE
-0,043	0,305	-0,002	0,009	0,085	FALSE
0,099	0,300	0,004	0,011	0,162	FALSE
0,030	0,307	0,001	0,012	0,028	FALSE
0,027	0,310	0,002	0,013	0,047	FALSE
0,042	0,319	0,002	0,013	0,062	FALSE
0,011	0,306	0,000	0,010	0,012	FALSE
-0,027	0,317	-0,001	0,009	0,033	FALSE
-0,041	0,301	-0,001	0,007	0,042	FALSE
0,022	0,309	0,000	0,008	0,015	FALSE
-0,023	0,309	-0,001	0,010	0,049	FALSE
0,016	0,313	0,001	0,008	0,034	FALSE
-0,027	0,305	-0,001	0,012	0,034	FALSE
-0,101	0,322	-0,002	0,007	0,103	FALSE
-0,073	0,312	-0,003	0,013	0,084	FALSE
-0,072	0,300	-0,003	0,013	0,077	FALSE
0,035	0,314	0,001	0,011	0,042	FALSE
0,009	0,302	0,000	0,012	0,003	FALSE
-0,017	0,309	-0,001	0,009	0,049	FALSE
-0,068	0,302	-0,001	0,006	0,065	FALSE
-0,038	0,317	0,000	0,008	0,019	FALSE
-0,035	0,300	0,000	0,006	0,010	FALSE
-0,084	0,287	-0,002	0,006	0,121	FALSE
-0,019	0,310	-0,001	0,013	0,026	FALSE
0,128	0,300	0,003	0,007	0,144	FALSE
-0,095	0,324	-0,002	0,007	0,088	FALSE
0,006	0,302	0,000	0,007	0,003	FALSE
-0,024	0,311	0,000	0,008	0,020	FALSE
0,050	0,299	0,001	0,009	0,064	FALSE
-0,050	0,313	-0,002	0,013	0,053	FALSE
0,057	0,304	0,002	0,011	0,079	FALSE
-0,084	0,303	-0,002	0,008	0,091	FALSE
-0,032	0,320	-0,001	0,013	0,031	FALSE
-0,058	0,304	-0,003	0,010	0,100	FALSE
-0,074	0,300	-0,003	0,010	0,121	FALSE
0,192	0,302	0,004	0,007	0,279	FALSE
-0,015	0,310	0,001	0,013	0,018	FALSE
0,133	0,317	0,003	0,007	0,198	FALSE
0,111	0,311	0,002	0,006	0,154	FALSE
-0,110	0,294	-0,005	0,012	0,167	FALSE
0,174	0,295	0,006	0,009	0,266	FALSE
0,008	0,303	0,001	0,011	0,025	FALSE
-0,009	0,307	0,001	0,011	0,018	FALSE
0,006	0,315	0,001	0,011	0,022	FALSE

-0,020	0,316	0,000	0,007	0,022	FALSE
-0,027	0,310	-0,001	0,009	0,039	FALSE
-0,076	0,310	-0,003	0,013	0,104	FALSE
-0,002	0,319	0,000	0,010	0,003	FALSE
-0,043	0,314	-0,001	0,007	0,059	FALSE
0,114	0,322	0,003	0,009	0,150	FALSE
-0,042	0,303	-0,001	0,007	0,036	FALSE
0,000	0,286	0,000	0,008	0,013	FALSE
-0,061	0,313	-0,001	0,008	0,042	FALSE
0,016	0,308	0,000	0,009	0,020	FALSE
0,017	0,321	0,001	0,008	0,033	FALSE
0,072	0,304	0,003	0,011	0,100	FALSE
-0,046	0,302	-0,002	0,012	0,050	FALSE
0,064	0,308	0,001	0,006	0,086	FALSE
0,011	0,306	0,001	0,007	0,030	FALSE
-0,050	0,324	-0,003	0,012	0,090	FALSE
0,066	0,302	0,002	0,009	0,087	FALSE
0,121	0,305	0,003	0,009	0,148	FALSE
-0,128	0,300	-0,005	0,010	0,201	FALSE
-0,022	0,326	-0,001	0,011	0,024	FALSE
0,103	0,298	0,004	0,012	0,140	FALSE
-0,051	0,289	-0,002	0,012	0,067	FALSE
0,069	0,307	0,003	0,012	0,094	FALSE
-0,021	0,306	-0,001	0,010	0,040	FALSE
0,124	0,311	0,004	0,010	0,156	FALSE
0,003	0,326	0,000	0,011	0,012	FALSE
0,079	0,300	0,003	0,010	0,126	FALSE
-0,072	0,316	-0,003	0,010	0,111	FALSE
-0,082	0,300	-0,002	0,006	0,125	FALSE
-0,031	0,294	0,000	0,007	0,002	FALSE
0,131	0,310	0,003	0,007	0,179	FALSE
0,019	0,300	0,000	0,008	0,012	FALSE
0,203	0,293	0,005	0,007	0,327	FALSE
0,172	0,298	0,004	0,007	0,282	FALSE
0,035	0,308	0,000	0,007	0,016	FALSE
0,069	0,313	0,002	0,012	0,061	FALSE
-0,029	0,310	-0,002	0,012	0,050	FALSE
-0,017	0,308	-0,002	0,012	0,073	FALSE
0,100	0,309	0,003	0,009	0,115	FALSE
-0,094	0,319	-0,002	0,008	0,097	FALSE
-0,013	0,302	0,000	0,007	0,021	FALSE
0,041	0,296	0,002	0,010	0,065	FALSE
0,036	0,306	0,001	0,012	0,033	FALSE
0,043	0,297	0,002	0,012	0,047	FALSE
0,067	0,293	0,003	0,012	0,079	FALSE
-0,078	0,289	-0,003	0,010	0,137	FALSE
0,008	0,298	0,000	0,008	0,021	FALSE
-0,028	0,301	-0,002	0,013	0,045	FALSE
-0,006	0,293	0,000	0,008	0,015	FALSE
0,074	0,310	0,002	0,008	0,115	FALSE
-0,158	0,293	-0,007	0,011	0,268	FALSE
0,060	0,295	0,002	0,007	0,095	FALSE
0,045	0,300	0,002	0,007	0,081	FALSE

-0,099	0,300	-0,004	0,010	0,145	FALSE
0,047	0,302	0,002	0,009	0,102	FALSE
-0,077	0,298	-0,003	0,011	0,107	FALSE
-0,077	0,308	-0,003	0,013	0,098	FALSE
-0,004	0,315	0,000	0,013	0,008	FALSE
-0,006	0,316	0,001	0,009	0,024	FALSE
0,002	0,309	0,000	0,012	0,005	FALSE
-0,131	0,307	-0,003	0,007	0,177	FALSE
-0,179	0,314	-0,007	0,013	0,234	FALSE
0,002	0,317	0,000	0,007	0,005	FALSE
-0,028	0,303	0,000	0,009	0,009	FALSE
0,128	0,311	0,004	0,010	0,189	FALSE
0,010	0,300	0,001	0,008	0,044	FALSE
-0,015	0,309	-0,001	0,007	0,039	FALSE
-0,108	0,307	-0,005	0,013	0,164	FALSE
0,026	0,317	0,000	0,008	0,017	FALSE
-0,056	0,315	-0,001	0,008	0,042	FALSE
0,025	0,330	0,001	0,009	0,044	FALSE
0,028	0,317	0,001	0,009	0,056	FALSE
0,042	0,294	0,001	0,008	0,033	FALSE
0,066	0,311	0,002	0,009	0,077	FALSE
-0,025	0,306	-0,001	0,007	0,033	FALSE
0,032	0,312	0,001	0,008	0,053	FALSE
-0,130	0,314	-0,003	0,007	0,156	FALSE
-0,112	0,320	-0,004	0,011	0,163	FALSE
0,000	0,313	0,000	0,007	0,002	FALSE
0,080	0,314	0,002	0,007	0,118	FALSE
-0,018	0,301	0,000	0,010	0,012	FALSE
-0,053	0,315	-0,001	0,013	0,035	FALSE
-0,016	0,291	0,000	0,008	0,001	FALSE
0,047	0,294	0,002	0,009	0,070	FALSE
0,036	0,319	0,001	0,007	0,049	FALSE
-0,022	0,309	-0,002	0,013	0,065	FALSE
-0,025	0,292	-0,002	0,012	0,062	FALSE
0,025	0,306	0,001	0,008	0,059	FALSE
0,071	0,292	0,002	0,009	0,090	FALSE
-0,030	0,318	-0,001	0,009	0,025	FALSE
0,105	0,306	0,005	0,012	0,144	FALSE
0,144	0,301	0,005	0,008	0,243	FALSE
0,029	0,313	0,001	0,012	0,043	FALSE
0,026	0,290	0,001	0,009	0,036	FALSE
0,129	0,309	0,003	0,010	0,132	FALSE
0,090	0,291	0,002	0,011	0,064	FALSE
0,044	0,301	0,002	0,013	0,052	FALSE
-0,041	0,301	-0,002	0,013	0,056	FALSE
-0,074	0,297	-0,002	0,009	0,108	FALSE
0,070	0,298	0,002	0,008	0,083	FALSE
-0,010	0,294	-0,001	0,009	0,030	FALSE
0,063	0,303	0,001	0,008	0,048	FALSE
0,042	0,313	0,001	0,008	0,033	FALSE
0,051	0,309	0,001	0,007	0,041	FALSE
-0,036	0,317	-0,001	0,008	0,048	FALSE
0,053	0,298	0,001	0,007	0,042	FALSE

-0,024	0,313	-0,001	0,008	0,030	FALSE
-0,021	0,313	-0,001	0,008	0,022	FALSE
0,093	0,314	0,005	0,013	0,138	FALSE
0,120	0,305	0,005	0,012	0,188	FALSE
-0,011	0,298	0,000	0,012	0,001	FALSE
-0,061	0,303	-0,001	0,007	0,055	FALSE
-0,032	0,308	-0,001	0,012	0,028	FALSE
0,032	0,316	0,001	0,007	0,030	FALSE
-0,020	0,311	-0,001	0,009	0,030	FALSE
0,087	0,307	0,003	0,008	0,124	FALSE
0,032	0,315	0,000	0,010	0,017	FALSE
-0,041	0,303	-0,002	0,011	0,058	FALSE
0,140	0,311	0,003	0,007	0,177	FALSE
0,085	0,320	0,003	0,014	0,083	FALSE
-0,051	0,313	-0,002	0,013	0,047	FALSE
-0,100	0,296	-0,002	0,007	0,118	FALSE
-0,081	0,316	-0,002	0,007	0,097	FALSE
-0,075	0,309	-0,002	0,008	0,081	FALSE
-0,025	0,317	-0,001	0,007	0,055	FALSE
0,054	0,304	0,002	0,010	0,095	FALSE
-0,014	0,302	-0,001	0,009	0,025	FALSE
0,001	0,307	0,000	0,009	0,012	FALSE
-0,051	0,303	-0,002	0,007	0,083	FALSE
0,069	0,306	0,003	0,012	0,102	FALSE
-0,032	0,305	-0,001	0,011	0,017	FALSE
-0,006	0,296	0,000	0,011	0,009	FALSE
0,118	0,300	0,003	0,007	0,146	FALSE
-0,013	0,314	0,000	0,012	0,000	FALSE
0,074	0,309	0,003	0,011	0,100	FALSE
0,063	0,319	0,002	0,011	0,081	FALSE
-0,122	0,305	-0,005	0,012	0,170	FALSE
-0,121	0,296	-0,005	0,011	0,191	FALSE
-0,022	0,286	-0,001	0,007	0,038	FALSE
-0,089	0,306	-0,003	0,008	0,138	FALSE
0,063	0,317	0,002	0,009	0,090	FALSE
-0,052	0,310	-0,001	0,007	0,067	FALSE
-0,107	0,305	-0,003	0,009	0,157	FALSE
0,050	0,313	0,002	0,008	0,075	FALSE
-0,002	0,309	0,001	0,008	0,037	FALSE
0,037	0,307	0,001	0,010	0,045	FALSE
0,005	0,315	0,000	0,009	0,007	FALSE
0,012	0,285	0,000	0,012	0,013	FALSE
-0,006	0,306	-0,001	0,011	0,032	FALSE
-0,023	0,307	0,000	0,008	0,020	FALSE
0,189	0,303	0,004	0,007	0,256	FALSE
-0,079	0,311	-0,001	0,006	0,076	FALSE
0,013	0,310	0,000	0,013	0,013	FALSE
-0,014	0,299	-0,001	0,012	0,044	FALSE
-0,048	0,308	-0,001	0,010	0,041	FALSE
0,004	0,307	0,000	0,010	0,010	FALSE
0,035	0,292	0,001	0,007	0,027	FALSE
0,044	0,319	0,001	0,013	0,035	FALSE
0,032	0,307	0,002	0,009	0,070	FALSE

0,034	0,304	0,001	0,008	0,029	FALSE
-0,027	0,309	-0,001	0,011	0,034	FALSE
0,027	0,296	0,001	0,006	0,067	FALSE
0,039	0,310	0,002	0,011	0,062	FALSE
-0,011	0,305	-0,001	0,012	0,036	FALSE
-0,008	0,313	-0,001	0,012	0,022	FALSE
-0,017	0,299	0,000	0,008	0,016	FALSE
-0,030	0,301	-0,001	0,007	0,050	FALSE
0,161	0,303	0,007	0,013	0,250	FALSE
-0,135	0,306	-0,006	0,013	0,195	FALSE
-0,011	0,295	0,000	0,009	0,008	FALSE
-0,020	0,289	-0,001	0,007	0,042	FALSE
-0,058	0,296	-0,001	0,008	0,064	FALSE
0,124	0,314	0,004	0,011	0,163	FALSE
-0,013	0,305	-0,001	0,008	0,029	FALSE
-0,042	0,306	-0,001	0,007	0,028	FALSE
-0,031	0,304	-0,002	0,012	0,048	FALSE
-0,013	0,319	-0,001	0,011	0,021	FALSE
-0,096	0,307	-0,005	0,012	0,162	FALSE
-0,058	0,305	-0,003	0,012	0,098	FALSE
-0,087	0,312	-0,004	0,012	0,143	FALSE
-0,007	0,305	0,000	0,007	0,020	FALSE
0,069	0,311	0,002	0,010	0,075	FALSE
0,009	0,310	0,000	0,007	0,000	FALSE
0,001	0,295	0,000	0,009	0,014	FALSE
0,102	0,297	0,003	0,009	0,150	FALSE
0,094	0,294	0,002	0,009	0,101	FALSE
0,132	0,299	0,004	0,008	0,179	FALSE
-0,143	0,302	-0,006	0,012	0,223	FALSE
-0,102	0,311	-0,002	0,007	0,120	FALSE
0,073	0,301	0,002	0,008	0,081	FALSE
0,070	0,312	0,003	0,014	0,079	FALSE
-0,110	0,280	-0,003	0,007	0,167	FALSE
0,029	0,293	0,001	0,013	0,022	FALSE
0,079	0,304	0,002	0,009	0,094	FALSE
-0,120	0,314	-0,004	0,011	0,159	FALSE
-0,158	0,305	-0,005	0,009	0,226	FALSE
-0,076	0,323	-0,004	0,013	0,108	FALSE
-0,102	0,305	-0,002	0,008	0,113	FALSE
-0,101	0,295	-0,003	0,010	0,127	FALSE
-0,019	0,304	-0,001	0,008	0,040	FALSE
0,068	0,322	0,003	0,013	0,097	FALSE
-0,010	0,310	0,000	0,012	0,004	FALSE
-0,038	0,309	-0,002	0,011	0,060	FALSE
-0,183	0,305	-0,005	0,008	0,279	FALSE
-0,096	0,313	-0,002	0,007	0,134	FALSE
-0,003	0,310	0,000	0,012	0,001	FALSE
0,035	0,310	0,000	0,006	0,023	FALSE
0,052	0,297	0,001	0,007	0,040	FALSE
-0,142	0,311	-0,004	0,008	0,187	FALSE
-0,099	0,304	-0,003	0,007	0,145	FALSE
-0,096	0,304	-0,003	0,007	0,136	FALSE
-0,085	0,320	-0,002	0,008	0,120	FALSE

-0,100	0,309	-0,003	0,008	0,143	FALSE
0,097	0,316	0,002	0,007	0,125	FALSE
-0,078	0,300	-0,004	0,013	0,118	FALSE
0,110	0,298	0,002	0,007	0,114	FALSE
-0,035	0,304	-0,001	0,008	0,057	FALSE
0,119	0,315	0,005	0,011	0,185	FALSE
-0,126	0,305	-0,004	0,009	0,176	FALSE
-0,038	0,308	-0,001	0,007	0,031	FALSE
0,007	0,300	0,000	0,006	0,002	FALSE
-0,066	0,288	-0,003	0,010	0,112	FALSE
0,039	0,302	0,001	0,011	0,029	FALSE
0,059	0,303	0,002	0,011	0,059	FALSE
0,033	0,307	0,001	0,011	0,023	FALSE
0,001	0,300	0,000	0,006	0,015	FALSE
-0,019	0,288	0,000	0,007	0,010	FALSE
-0,081	0,310	-0,003	0,012	0,094	FALSE
-0,086	0,321	-0,003	0,014	0,085	FALSE
0,046	0,311	0,001	0,009	0,028	FALSE
-0,058	0,315	-0,002	0,012	0,058	FALSE
0,101	0,297	0,003	0,009	0,108	FALSE
-0,035	0,295	0,000	0,010	0,016	FALSE
-0,087	0,323	-0,003	0,010	0,125	FALSE
-0,098	0,307	-0,004	0,010	0,151	FALSE
0,052	0,308	0,001	0,012	0,040	FALSE
0,061	0,303	0,002	0,008	0,088	FALSE
0,023	0,302	0,001	0,008	0,035	FALSE
-0,027	0,314	-0,001	0,012	0,041	FALSE
0,097	0,303	0,004	0,012	0,132	FALSE
0,070	0,313	0,002	0,011	0,088	FALSE
-0,072	0,301	-0,002	0,009	0,096	FALSE
0,099	0,300	0,002	0,006	0,126	FALSE
0,049	0,308	0,003	0,013	0,079	FALSE
-0,020	0,310	0,000	0,007	0,009	FALSE
0,089	0,305	0,004	0,010	0,146	FALSE
-0,041	0,309	-0,001	0,009	0,051	FALSE
-0,060	0,315	-0,003	0,012	0,087	FALSE
-0,098	0,305	-0,003	0,011	0,118	FALSE
-0,014	0,311	0,000	0,006	0,008	FALSE
0,019	0,323	0,001	0,008	0,025	FALSE
0,058	0,310	0,003	0,008	0,124	FALSE
-0,034	0,311	0,000	0,008	0,004	FALSE
-0,133	0,307	-0,005	0,009	0,207	FALSE
0,022	0,325	0,001	0,013	0,029	FALSE
0,032	0,307	0,001	0,007	0,042	FALSE
-0,116	0,287	-0,004	0,011	0,151	FALSE
0,067	0,307	0,003	0,012	0,106	FALSE
0,059	0,296	0,002	0,011	0,066	FALSE
-0,070	0,303	-0,001	0,007	0,075	FALSE
-0,003	0,314	0,000	0,010	0,006	FALSE
-0,032	0,315	-0,001	0,009	0,046	FALSE
0,064	0,312	0,002	0,013	0,051	FALSE
-0,118	0,306	-0,005	0,011	0,160	FALSE
-0,085	0,306	-0,002	0,006	0,124	FALSE

0,022	0,314	0,001	0,007	0,068	FALSE
-0,032	0,303	-0,001	0,009	0,042	FALSE
-0,038	0,301	-0,001	0,007	0,044	FALSE
-0,140	0,312	-0,004	0,008	0,197	FALSE
0,143	0,307	0,005	0,010	0,183	FALSE
0,113	0,316	0,002	0,007	0,132	FALSE
-0,068	0,308	-0,003	0,012	0,088	FALSE
0,107	0,321	0,005	0,013	0,139	FALSE
0,211	0,303	0,007	0,010	0,319	FALSE
-0,105	0,315	-0,004	0,010	0,140	FALSE
-0,063	0,305	-0,002	0,011	0,083	FALSE
-0,066	0,296	-0,002	0,012	0,069	FALSE
-0,065	0,296	-0,002	0,012	0,067	FALSE
0,101	0,293	0,004	0,011	0,123	FALSE
-0,027	0,322	-0,001	0,012	0,029	FALSE
-0,034	0,300	-0,001	0,012	0,031	FALSE
0,044	0,300	0,002	0,010	0,077	FALSE
0,079	0,304	0,002	0,007	0,089	FALSE
0,010	0,306	0,001	0,011	0,047	FALSE
0,028	0,297	0,001	0,007	0,051	FALSE
0,029	0,294	0,000	0,010	0,018	FALSE
0,053	0,312	0,003	0,012	0,085	FALSE
0,100	0,305	0,005	0,013	0,144	FALSE
-0,058	0,313	-0,003	0,013	0,088	FALSE
0,006	0,316	0,000	0,007	0,017	FALSE
-0,109	0,308	-0,005	0,013	0,155	FALSE
-0,111	0,320	-0,003	0,008	0,140	FALSE
-0,112	0,305	-0,005	0,013	0,147	FALSE
-0,140	0,302	-0,005	0,011	0,196	FALSE
0,035	0,302	0,001	0,007	0,033	FALSE
0,021	0,291	0,001	0,007	0,026	FALSE
-0,070	0,316	-0,001	0,006	0,076	FALSE
-0,145	0,309	-0,004	0,011	0,162	FALSE
0,041	0,315	0,001	0,010	0,054	FALSE
-0,193	0,303	-0,004	0,007	0,262	FALSE
0,087	0,319	0,003	0,013	0,082	FALSE
-0,192	0,310	-0,004	0,007	0,258	FALSE
-0,091	0,310	-0,003	0,011	0,102	FALSE
-0,084	0,304	-0,002	0,006	0,102	FALSE
-0,080	0,303	-0,002	0,008	0,071	FALSE
-0,066	0,299	-0,001	0,007	0,060	FALSE
-0,002	0,305	0,001	0,011	0,037	FALSE
-0,097	0,311	-0,003	0,010	0,126	FALSE
0,003	0,309	-0,001	0,013	0,026	FALSE
0,046	0,303	0,001	0,008	0,031	FALSE
0,049	0,301	0,001	0,008	0,044	FALSE
0,031	0,309	0,001	0,010	0,039	FALSE
0,022	0,307	0,002	0,012	0,044	FALSE
-0,040	0,308	-0,002	0,013	0,071	FALSE
0,048	0,295	0,001	0,008	0,034	FALSE
0,021	0,312	0,001	0,007	0,036	FALSE
-0,136	0,308	-0,006	0,013	0,189	FALSE
-0,096	0,302	-0,003	0,010	0,132	FALSE

0,125	0,313	0,003	0,007	0,160	FALSE
-0,086	0,302	-0,003	0,010	0,099	FALSE
-0,087	0,310	-0,003	0,010	0,098	FALSE
0,069	0,313	0,001	0,010	0,054	FALSE
0,004	0,302	0,001	0,011	0,038	FALSE
-0,037	0,306	-0,001	0,013	0,043	FALSE
0,108	0,309	0,004	0,010	0,155	FALSE
0,108	0,309	0,003	0,008	0,151	FALSE
-0,094	0,300	-0,002	0,008	0,104	FALSE
0,046	0,296	0,001	0,011	0,048	FALSE
-0,131	0,301	-0,005	0,011	0,185	FALSE
0,084	0,304	0,004	0,010	0,144	FALSE
0,030	0,302	0,001	0,007	0,038	FALSE
-0,083	0,311	-0,002	0,010	0,093	FALSE
0,143	0,314	0,004	0,008	0,195	FALSE
-0,012	0,306	-0,001	0,011	0,032	FALSE
-0,026	0,313	0,000	0,008	0,020	FALSE
-0,077	0,300	-0,003	0,009	0,108	FALSE
0,060	0,301	0,003	0,012	0,076	FALSE
-0,042	0,304	-0,002	0,013	0,046	FALSE
-0,024	0,297	-0,001	0,013	0,036	FALSE
-0,066	0,309	-0,002	0,010	0,080	FALSE
-0,002	0,299	-0,001	0,011	0,037	FALSE
0,056	0,304	0,002	0,011	0,059	FALSE
0,037	0,320	0,001	0,011	0,037	FALSE
-0,061	0,299	-0,002	0,011	0,055	FALSE
-0,005	0,311	0,000	0,013	0,005	FALSE
-0,004	0,308	0,000	0,009	0,010	FALSE
0,081	0,300	0,002	0,008	0,109	FALSE
-0,002	0,308	0,000	0,009	0,012	FALSE
-0,093	0,313	-0,004	0,011	0,156	FALSE
-0,035	0,316	-0,001	0,011	0,044	FALSE
0,011	0,297	0,000	0,007	0,015	FALSE
-0,116	0,315	-0,004	0,012	0,151	FALSE
0,015	0,312	0,000	0,007	0,004	FALSE
0,001	0,314	0,000	0,006	0,006	FALSE
0,148	0,317	0,004	0,009	0,190	FALSE
0,142	0,313	0,004	0,008	0,212	FALSE
0,045	0,317	0,002	0,013	0,044	FALSE
-0,022	0,315	-0,001	0,012	0,024	FALSE
0,054	0,307	0,002	0,013	0,056	FALSE
0,078	0,320	0,002	0,009	0,085	FALSE
0,102	0,309	0,003	0,008	0,127	FALSE
0,074	0,314	0,002	0,008	0,092	FALSE
0,036	0,309	0,001	0,010	0,020	FALSE
0,051	0,306	0,001	0,010	0,047	FALSE
-0,108	0,311	-0,005	0,012	0,162	FALSE
-0,033	0,312	-0,001	0,008	0,043	FALSE
0,096	0,304	0,004	0,012	0,139	FALSE
-0,032	0,293	0,000	0,010	0,014	FALSE
-0,042	0,308	-0,001	0,013	0,020	FALSE
-0,048	0,293	-0,001	0,009	0,056	FALSE
0,081	0,305	0,002	0,009	0,092	FALSE

-0,103	0,306	-0,002	0,008	0,121	FALSE
0,142	0,302	0,006	0,012	0,225	FALSE
0,020	0,304	0,002	0,011	0,050	FALSE
-0,062	0,297	-0,002	0,009	0,067	FALSE
0,044	0,307	0,001	0,010	0,031	FALSE
0,019	0,307	0,001	0,009	0,034	FALSE
-0,102	0,298	-0,004	0,012	0,141	FALSE
0,014	0,299	0,000	0,011	0,013	FALSE
-0,017	0,308	0,000	0,012	0,007	FALSE
0,149	0,297	0,004	0,011	0,159	FALSE
-0,097	0,321	-0,003	0,009	0,118	FALSE
0,039	0,307	0,001	0,008	0,059	FALSE
0,046	0,305	0,002	0,012	0,068	FALSE
0,139	0,292	0,005	0,010	0,199	FALSE
-0,102	0,311	-0,003	0,009	0,136	FALSE
-0,081	0,302	-0,002	0,009	0,104	FALSE
-0,097	0,309	-0,002	0,008	0,113	FALSE
-0,096	0,301	-0,003	0,008	0,131	FALSE
-0,015	0,316	-0,001	0,012	0,037	FALSE
0,085	0,301	0,002	0,009	0,069	FALSE
0,133	0,295	0,004	0,010	0,182	FALSE
-0,016	0,302	0,000	0,013	0,003	FALSE
-0,107	0,308	-0,003	0,009	0,121	FALSE
-0,121	0,327	-0,005	0,011	0,178	FALSE
0,129	0,314	0,003	0,009	0,135	FALSE
-0,068	0,309	-0,002	0,008	0,082	FALSE
-0,007	0,303	-0,001	0,011	0,022	FALSE
0,076	0,315	0,003	0,013	0,103	FALSE
0,041	0,308	0,001	0,011	0,044	FALSE
0,054	0,328	0,002	0,011	0,053	FALSE
-0,077	0,299	-0,002	0,007	0,098	FALSE
-0,011	0,315	0,000	0,010	0,004	FALSE
-0,057	0,302	-0,002	0,008	0,067	FALSE
0,158	0,310	0,003	0,006	0,186	FALSE
-0,061	0,301	-0,002	0,012	0,056	FALSE
0,027	0,308	0,002	0,012	0,047	FALSE
-0,176	0,305	-0,004	0,007	0,254	FALSE
-0,138	0,287	-0,003	0,006	0,229	FALSE
-0,144	0,290	-0,003	0,006	0,223	FALSE
0,095	0,299	0,003	0,007	0,157	FALSE
0,000	0,303	0,000	0,007	0,005	FALSE
0,004	0,311	0,000	0,008	0,014	FALSE
0,056	0,299	0,003	0,012	0,101	FALSE
-0,086	0,304	-0,004	0,011	0,127	FALSE
0,089	0,310	0,004	0,013	0,108	FALSE
0,078	0,303	0,002	0,008	0,121	FALSE
-0,043	0,297	-0,002	0,012	0,062	FALSE
0,021	0,317	0,001	0,007	0,049	FALSE
0,150	0,301	0,005	0,010	0,198	FALSE
0,146	0,300	0,006	0,013	0,197	FALSE
-0,091	0,315	-0,002	0,007	0,104	FALSE
0,026	0,297	0,001	0,009	0,051	FALSE
-0,030	0,301	-0,001	0,008	0,053	FALSE

-0,023	0,298	-0,001	0,008	0,044	FALSE
-0,012	0,311	0,000	0,012	0,010	FALSE
-0,072	0,324	-0,003	0,012	0,103	FALSE
0,007	0,304	0,000	0,008	0,013	FALSE
0,081	0,298	0,002	0,012	0,068	FALSE
0,043	0,291	0,001	0,006	0,070	FALSE
-0,120	0,292	-0,003	0,008	0,164	FALSE
-0,066	0,303	-0,002	0,008	0,078	FALSE
-0,033	0,296	-0,001	0,007	0,049	FALSE
-0,003	0,300	0,000	0,007	0,003	FALSE
0,017	0,300	0,001	0,011	0,022	FALSE
0,088	0,308	0,002	0,009	0,093	FALSE
0,097	0,291	0,002	0,008	0,111	FALSE
-0,113	0,308	-0,004	0,012	0,146	FALSE
0,012	0,302	0,000	0,011	0,007	FALSE
-0,013	0,311	0,000	0,010	0,012	FALSE
0,059	0,315	0,001	0,007	0,064	FALSE
-0,048	0,313	-0,001	0,006	0,057	FALSE
0,054	0,316	0,003	0,012	0,089	FALSE
0,068	0,314	0,002	0,007	0,090	FALSE
0,033	0,305	0,002	0,012	0,072	FALSE
-0,013	0,303	-0,002	0,011	0,057	FALSE
0,089	0,311	0,002	0,008	0,116	FALSE
0,123	0,292	0,003	0,007	0,184	FALSE
0,003	0,309	0,001	0,011	0,023	FALSE
-0,030	0,311	-0,001	0,013	0,038	FALSE
-0,116	0,308	-0,003	0,009	0,147	FALSE
0,022	0,307	0,001	0,011	0,026	FALSE
-0,009	0,301	0,000	0,011	0,007	FALSE
-0,043	0,293	0,000	0,008	0,017	FALSE
-0,011	0,315	0,000	0,007	0,012	FALSE
-0,132	0,294	-0,003	0,006	0,182	FALSE
0,003	0,299	0,001	0,009	0,039	FALSE
-0,121	0,292	-0,004	0,010	0,160	FALSE
0,098	0,302	0,002	0,008	0,129	FALSE
0,075	0,309	0,002	0,009	0,087	FALSE
-0,062	0,296	-0,003	0,012	0,080	FALSE
-0,011	0,310	-0,001	0,009	0,026	FALSE
0,158	0,305	0,006	0,010	0,240	FALSE
0,133	0,307	0,004	0,009	0,188	FALSE
0,092	0,308	0,004	0,013	0,107	FALSE
-0,076	0,315	-0,002	0,008	0,087	FALSE
0,056	0,306	0,001	0,013	0,041	FALSE
-0,049	0,291	-0,001	0,007	0,038	FALSE
-0,024	0,324	0,000	0,009	0,018	FALSE
0,108	0,299	0,005	0,013	0,158	FALSE
-0,026	0,301	-0,001	0,008	0,038	FALSE
-0,206	0,308	-0,007	0,010	0,306	FALSE
0,074	0,312	0,003	0,009	0,131	FALSE
-0,019	0,312	0,000	0,007	0,024	FALSE
-0,079	0,319	-0,002	0,011	0,079	FALSE
0,062	0,312	0,002	0,008	0,090	FALSE
-0,093	0,294	-0,003	0,012	0,106	FALSE

-0,077	0,318	-0,002	0,007	0,092	FALSE
0,022	0,303	0,000	0,012	0,008	FALSE
-0,014	0,309	0,000	0,007	0,016	FALSE
-0,122	0,302	-0,004	0,010	0,153	FALSE
-0,092	0,304	-0,003	0,009	0,142	FALSE
-0,001	0,309	-0,001	0,012	0,015	FALSE
-0,065	0,321	-0,001	0,008	0,061	FALSE
-0,096	0,314	-0,002	0,007	0,099	FALSE
0,004	0,303	0,000	0,013	0,001	FALSE
-0,004	0,299	-0,002	0,012	0,055	FALSE
0,054	0,295	0,001	0,006	0,073	FALSE
-0,087	0,308	-0,002	0,008	0,089	FALSE
-0,156	0,302	-0,003	0,006	0,216	FALSE
-0,122	0,306	-0,005	0,012	0,164	FALSE
-0,051	0,312	-0,001	0,011	0,050	FALSE
-0,057	0,295	-0,001	0,010	0,054	FALSE
-0,010	0,311	0,001	0,011	0,020	FALSE
0,077	0,308	0,002	0,008	0,076	FALSE
-0,046	0,305	-0,002	0,008	0,082	FALSE
0,018	0,314	0,000	0,007	0,006	FALSE
0,050	0,306	0,001	0,007	0,076	FALSE
0,027	0,297	0,001	0,007	0,053	FALSE
-0,044	0,311	-0,001	0,010	0,025	FALSE
0,060	0,318	0,002	0,009	0,079	FALSE
0,125	0,300	0,005	0,012	0,178	FALSE
-0,012	0,306	0,000	0,006	0,009	FALSE
-0,050	0,313	-0,001	0,007	0,054	FALSE
0,143	0,318	0,005	0,010	0,225	FALSE
-0,098	0,320	-0,004	0,013	0,111	FALSE
0,018	0,311	0,001	0,011	0,038	FALSE
-0,043	0,292	-0,002	0,008	0,072	FALSE
-0,039	0,314	-0,001	0,007	0,057	FALSE
-0,123	0,300	-0,003	0,007	0,155	FALSE
-0,133	0,311	-0,004	0,008	0,200	FALSE
0,014	0,300	0,001	0,011	0,034	FALSE
0,092	0,309	0,002	0,007	0,109	FALSE
0,045	0,312	0,001	0,013	0,042	FALSE
-0,047	0,295	-0,001	0,010	0,027	FALSE
-0,040	0,324	-0,001	0,008	0,043	FALSE
-0,030	0,294	-0,002	0,012	0,060	FALSE
-0,158	0,302	-0,005	0,009	0,233	FALSE
0,023	0,317	0,001	0,012	0,022	FALSE
-0,110	0,302	-0,005	0,011	0,165	FALSE
0,022	0,303	0,002	0,013	0,052	FALSE
0,010	0,319	0,001	0,010	0,023	FALSE
-0,106	0,301	-0,002	0,006	0,129	FALSE
-0,101	0,300	-0,002	0,008	0,112	FALSE
0,015	0,313	0,000	0,011	0,004	FALSE
0,157	0,300	0,003	0,008	0,185	FALSE
0,118	0,310	0,002	0,007	0,151	FALSE
0,055	0,313	0,002	0,010	0,083	FALSE
-0,126	0,304	-0,003	0,007	0,165	FALSE
-0,045	0,314	-0,001	0,009	0,040	FALSE

0,048	0,298	0,002	0,010	0,079	FALSE
0,100	0,304	0,003	0,010	0,122	FALSE
-0,104	0,309	-0,004	0,012	0,144	FALSE
-0,179	0,299	-0,005	0,008	0,280	FALSE
-0,088	0,297	-0,004	0,013	0,130	FALSE
0,080	0,302	0,002	0,006	0,142	FALSE
0,139	0,306	0,003	0,006	0,218	FALSE
0,047	0,312	0,002	0,008	0,086	FALSE
-0,088	0,310	-0,003	0,012	0,109	FALSE
-0,006	0,306	0,001	0,011	0,017	FALSE
-0,147	0,294	-0,007	0,012	0,245	FALSE
-0,137	0,308	-0,006	0,012	0,223	FALSE
0,047	0,309	0,003	0,012	0,083	FALSE
-0,100	0,295	-0,002	0,006	0,104	FALSE
0,006	0,305	0,001	0,012	0,024	FALSE
-0,040	0,308	0,000	0,006	0,025	FALSE
-0,076	0,307	-0,003	0,012	0,089	FALSE
-0,040	0,312	-0,001	0,010	0,040	FALSE
-0,096	0,291	-0,005	0,013	0,155	FALSE
0,024	0,298	0,001	0,010	0,036	FALSE
0,095	0,301	0,003	0,011	0,113	FALSE
0,073	0,290	0,003	0,011	0,092	FALSE
-0,014	0,300	0,001	0,011	0,020	FALSE
0,037	0,304	0,002	0,012	0,066	FALSE
-0,106	0,318	-0,002	0,008	0,119	FALSE
-0,044	0,312	-0,002	0,012	0,075	FALSE
-0,037	0,301	0,000	0,007	0,025	FALSE
-0,096	0,290	-0,003	0,009	0,136	FALSE
0,070	0,303	0,002	0,007	0,098	FALSE
0,105	0,315	0,002	0,006	0,152	FALSE
-0,119	0,308	-0,005	0,013	0,162	FALSE
0,069	0,307	0,002	0,006	0,118	FALSE
-0,017	0,298	0,000	0,013	0,009	FALSE
0,003	0,302	0,000	0,013	0,012	FALSE
-0,076	0,314	-0,002	0,008	0,100	FALSE
-0,105	0,299	-0,004	0,012	0,153	FALSE
-0,027	0,310	-0,001	0,007	0,034	FALSE
0,084	0,309	0,002	0,008	0,095	FALSE
-0,037	0,300	-0,001	0,007	0,037	FALSE
-0,028	0,298	-0,001	0,009	0,049	FALSE
-0,011	0,303	0,000	0,006	0,014	FALSE
-0,069	0,300	-0,003	0,013	0,103	FALSE
0,112	0,303	0,004	0,010	0,154	FALSE
0,010	0,312	0,000	0,010	0,001	FALSE
-0,012	0,292	-0,001	0,010	0,030	FALSE
-0,018	0,294	-0,001	0,010	0,046	FALSE
-0,095	0,296	-0,003	0,012	0,107	FALSE
0,064	0,325	0,001	0,008	0,067	FALSE
0,029	0,315	0,001	0,013	0,015	FALSE
0,012	0,306	0,000	0,008	0,010	FALSE
-0,006	0,297	0,000	0,007	0,010	FALSE
-0,037	0,320	-0,001	0,012	0,040	FALSE
-0,062	0,321	-0,002	0,012	0,051	FALSE

0,103	0,303	0,002	0,007	0,135	FALSE
0,139	0,302	0,005	0,011	0,211	FALSE
0,175	0,298	0,006	0,010	0,254	FALSE
0,161	0,306	0,006	0,011	0,229	FALSE
0,183	0,306	0,006	0,011	0,261	FALSE
-0,098	0,305	-0,003	0,012	0,096	FALSE
0,014	0,295	0,000	0,008	0,004	FALSE
0,035	0,308	0,000	0,007	0,010	FALSE
0,010	0,314	0,000	0,009	0,004	FALSE
0,003	0,300	0,000	0,008	0,016	FALSE
0,051	0,309	0,003	0,012	0,084	FALSE
0,122	0,302	0,003	0,007	0,169	FALSE
-0,062	0,303	-0,001	0,008	0,059	FALSE
-0,051	0,312	-0,002	0,012	0,072	FALSE
-0,023	0,309	-0,001	0,008	0,054	FALSE
0,005	0,292	0,000	0,010	0,007	FALSE
-0,014	0,305	-0,001	0,010	0,036	FALSE
0,037	0,302	0,001	0,013	0,041	FALSE
-0,068	0,311	-0,002	0,008	0,073	FALSE
-0,068	0,307	-0,002	0,008	0,071	FALSE
-0,015	0,316	-0,001	0,011	0,019	FALSE
0,042	0,312	0,001	0,007	0,034	FALSE
-0,015	0,323	-0,001	0,007	0,033	FALSE
-0,009	0,296	-0,001	0,012	0,023	FALSE
0,038	0,308	0,000	0,012	0,007	FALSE
-0,056	0,300	-0,001	0,006	0,030	FALSE
-0,034	0,309	-0,001	0,007	0,031	FALSE
0,145	0,297	0,005	0,011	0,195	FALSE
-0,094	0,309	-0,004	0,011	0,152	FALSE
-0,102	0,310	-0,004	0,012	0,116	FALSE
-0,049	0,293	-0,002	0,008	0,069	FALSE
0,029	0,313	0,001	0,012	0,041	FALSE
-0,023	0,308	-0,001	0,008	0,038	FALSE
-0,005	0,310	0,000	0,009	0,012	FALSE
-0,087	0,306	-0,002	0,007	0,112	FALSE
0,048	0,294	0,001	0,011	0,037	FALSE
0,123	0,305	0,003	0,007	0,179	FALSE
-0,038	0,304	-0,002	0,010	0,071	FALSE
0,021	0,308	0,002	0,012	0,060	FALSE
-0,004	0,297	0,001	0,011	0,023	FALSE
-0,132	0,306	-0,003	0,007	0,181	FALSE
-0,150	0,300	-0,005	0,010	0,200	FALSE
-0,126	0,301	-0,003	0,007	0,186	FALSE
0,154	0,309	0,006	0,012	0,217	FALSE
0,074	0,305	0,002	0,008	0,096	FALSE
0,154	0,315	0,006	0,012	0,196	FALSE
0,180	0,296	0,007	0,011	0,266	FALSE
0,055	0,308	0,002	0,012	0,062	FALSE
0,180	0,302	0,007	0,013	0,239	FALSE
0,076	0,314	0,002	0,007	0,109	FALSE
0,163	0,303	0,005	0,011	0,192	FALSE
-0,154	0,292	-0,004	0,008	0,247	FALSE
0,080	0,300	0,004	0,012	0,140	FALSE

0,027	0,315	0,001	0,010	0,030	FALSE
0,091	0,305	0,001	0,006	0,088	FALSE
-0,026	0,305	-0,001	0,012	0,022	FALSE
0,078	0,290	0,002	0,006	0,129	FALSE
0,056	0,310	0,001	0,007	0,045	FALSE
-0,001	0,304	0,000	0,007	0,016	FALSE
0,068	0,308	0,002	0,013	0,054	FALSE
0,051	0,316	0,001	0,013	0,026	FALSE
-0,089	0,319	-0,004	0,013	0,114	FALSE
0,044	0,300	0,001	0,006	0,068	FALSE
-0,013	0,309	-0,001	0,012	0,043	FALSE
-0,141	0,299	-0,006	0,012	0,195	FALSE
0,139	0,313	0,004	0,011	0,170	FALSE
-0,098	0,301	-0,002	0,007	0,112	FALSE
0,009	0,315	0,000	0,007	0,015	FALSE
-0,076	0,300	-0,002	0,011	0,086	FALSE
-0,068	0,294	-0,002	0,009	0,077	FALSE
-0,054	0,315	-0,003	0,013	0,081	FALSE
0,009	0,309	0,000	0,007	0,026	FALSE
-0,093	0,303	-0,002	0,007	0,119	FALSE
-0,055	0,320	-0,001	0,007	0,040	FALSE
-0,044	0,305	-0,002	0,013	0,053	FALSE
0,086	0,305	0,004	0,011	0,131	FALSE
0,072	0,312	0,002	0,008	0,099	FALSE
-0,071	0,314	-0,002	0,011	0,077	FALSE
0,060	0,301	0,001	0,009	0,056	FALSE
0,020	0,300	0,001	0,007	0,030	FALSE
0,001	0,306	0,000	0,011	0,005	FALSE
0,048	0,297	0,002	0,012	0,054	FALSE
0,153	0,295	0,004	0,010	0,186	FALSE
-0,056	0,303	-0,002	0,009	0,062	FALSE
-0,074	0,305	-0,002	0,010	0,083	FALSE
-0,015	0,309	0,000	0,010	0,012	FALSE
0,027	0,317	0,001	0,009	0,038	FALSE
0,096	0,298	0,003	0,011	0,094	FALSE
0,069	0,311	0,002	0,011	0,067	FALSE
-0,129	0,304	-0,003	0,009	0,161	FALSE
-0,112	0,293	-0,004	0,011	0,135	FALSE
0,003	0,297	0,000	0,007	0,024	FALSE
0,072	0,315	0,002	0,010	0,093	FALSE
0,058	0,313	0,002	0,012	0,054	FALSE
-0,052	0,300	-0,001	0,009	0,042	FALSE
0,028	0,300	0,001	0,013	0,028	FALSE
-0,006	0,310	0,000	0,013	0,010	FALSE
-0,046	0,315	-0,001	0,011	0,035	FALSE
-0,067	0,312	-0,001	0,007	0,082	FALSE
0,027	0,306	0,001	0,011	0,048	FALSE
-0,066	0,322	-0,003	0,012	0,110	FALSE
0,017	0,297	0,001	0,010	0,036	FALSE
-0,087	0,288	-0,004	0,010	0,135	FALSE
-0,056	0,311	-0,001	0,007	0,063	FALSE
0,108	0,302	0,004	0,009	0,167	FALSE
0,019	0,301	0,000	0,007	0,020	FALSE

0,013	0,305	0,000	0,008	0,007	FALSE
0,025	0,310	0,001	0,008	0,035	FALSE
0,027	0,311	0,001	0,008	0,043	FALSE
-0,063	0,319	-0,002	0,011	0,066	FALSE
0,075	0,299	0,002	0,011	0,065	FALSE
0,013	0,298	0,001	0,007	0,046	FALSE
0,005	0,312	0,000	0,007	0,025	FALSE
-0,029	0,304	-0,001	0,013	0,041	FALSE
-0,038	0,315	-0,002	0,013	0,052	FALSE
0,036	0,313	0,001	0,007	0,041	FALSE
0,000	0,305	0,000	0,008	0,016	FALSE
0,008	0,310	0,000	0,009	0,006	FALSE
-0,011	0,316	0,000	0,009	0,006	FALSE
0,026	0,314	0,001	0,008	0,034	FALSE
0,116	0,312	0,005	0,013	0,155	FALSE
0,051	0,303	0,001	0,008	0,063	FALSE
-0,023	0,300	0,000	0,006	0,006	FALSE
-0,012	0,314	-0,002	0,013	0,048	FALSE
0,084	0,297	0,002	0,008	0,118	FALSE
0,066	0,308	0,002	0,007	0,085	FALSE
-0,062	0,303	-0,001	0,009	0,062	FALSE
-0,079	0,309	-0,002	0,010	0,083	FALSE
0,009	0,310	0,001	0,013	0,019	FALSE
-0,103	0,297	-0,004	0,011	0,131	FALSE
-0,023	0,322	-0,001	0,009	0,032	FALSE
0,055	0,317	0,002	0,010	0,082	FALSE
0,042	0,298	0,002	0,010	0,086	FALSE
-0,046	0,304	-0,001	0,007	0,072	FALSE
-0,102	0,319	-0,002	0,008	0,090	FALSE
-0,004	0,312	0,000	0,008	0,000	FALSE
-0,024	0,303	-0,001	0,012	0,020	FALSE
-0,047	0,318	-0,002	0,012	0,063	FALSE
-0,199	0,296	-0,007	0,010	0,318	FALSE
0,061	0,306	0,002	0,009	0,068	FALSE
0,050	0,311	0,001	0,008	0,067	FALSE
0,001	0,320	0,000	0,007	0,016	FALSE
-0,105	0,304	-0,005	0,012	0,152	FALSE
0,109	0,298	0,003	0,008	0,126	FALSE
0,054	0,314	0,002	0,011	0,063	FALSE
0,154	0,310	0,005	0,011	0,205	FALSE
0,077	0,313	0,003	0,012	0,106	FALSE
0,013	0,309	0,000	0,008	0,011	FALSE
0,096	0,308	0,002	0,006	0,110	FALSE
-0,055	0,306	-0,001	0,008	0,054	FALSE
-0,001	0,303	0,000	0,007	0,020	FALSE
0,011	0,313	0,000	0,007	0,012	FALSE
0,041	0,314	0,001	0,007	0,051	FALSE
-0,055	0,313	-0,002	0,009	0,093	FALSE
-0,070	0,315	-0,003	0,010	0,096	FALSE
0,003	0,310	0,000	0,007	0,014	FALSE
-0,045	0,317	-0,002	0,013	0,068	FALSE
-0,003	0,296	0,000	0,010	0,002	FALSE
0,030	0,294	0,001	0,011	0,038	FALSE

0,106	0,298	0,004	0,011	0,145	FALSE
0,020	0,312	0,001	0,013	0,027	FALSE
0,052	0,300	0,001	0,007	0,072	FALSE
0,017	0,315	0,001	0,012	0,033	FALSE
0,088	0,323	0,003	0,012	0,107	FALSE
0,050	0,312	0,002	0,012	0,049	FALSE
0,278	0,304	0,008	0,009	0,437	FALSE
0,048	0,297	0,001	0,008	0,036	FALSE
0,001	0,303	-0,001	0,012	0,022	FALSE
-0,005	0,301	-0,001	0,012	0,027	FALSE
0,022	0,309	0,001	0,008	0,042	FALSE
0,042	0,310	0,002	0,009	0,073	FALSE
-0,022	0,322	-0,001	0,010	0,042	FALSE
-0,014	0,308	0,000	0,010	0,015	FALSE
-0,044	0,294	-0,002	0,010	0,061	FALSE
0,057	0,315	0,003	0,012	0,088	FALSE
0,043	0,308	0,002	0,010	0,059	FALSE
0,054	0,307	0,002	0,013	0,073	FALSE
0,050	0,291	0,002	0,010	0,084	FALSE
-0,234	0,288	-0,004	0,006	0,353	FALSE
0,111	0,305	0,004	0,011	0,130	FALSE
-0,022	0,305	0,000	0,010	0,008	FALSE
0,002	0,308	0,001	0,010	0,024	FALSE
-0,093	0,304	-0,004	0,012	0,135	FALSE
-0,010	0,317	-0,001	0,013	0,014	FALSE
-0,015	0,292	0,000	0,009	0,017	FALSE
0,007	0,299	-0,001	0,012	0,024	FALSE
0,075	0,321	0,003	0,013	0,091	FALSE
-0,102	0,303	-0,004	0,011	0,125	FALSE
0,164	0,310	0,007	0,013	0,242	FALSE
0,024	0,307	0,000	0,008	0,022	FALSE
-0,018	0,318	0,000	0,010	0,010	FALSE
-0,073	0,300	-0,002	0,008	0,078	FALSE
0,061	0,302	0,003	0,010	0,098	FALSE
-0,157	0,307	-0,007	0,012	0,241	FALSE
-0,065	0,306	-0,002	0,007	0,099	FALSE
0,070	0,304	0,002	0,009	0,069	FALSE
-0,005	0,319	0,000	0,008	0,002	FALSE
0,013	0,318	0,001	0,011	0,020	FALSE
0,031	0,305	0,002	0,009	0,062	FALSE
0,004	0,305	0,000	0,010	0,011	FALSE
-0,100	0,305	-0,004	0,012	0,140	FALSE
-0,027	0,303	-0,001	0,013	0,028	FALSE
-0,009	0,306	-0,001	0,012	0,036	FALSE
0,033	0,319	0,002	0,011	0,051	FALSE
-0,067	0,311	-0,002	0,012	0,067	FALSE
-0,093	0,301	-0,003	0,008	0,157	FALSE
-0,020	0,305	-0,001	0,012	0,018	FALSE
0,081	0,299	0,003	0,011	0,108	FALSE
-0,117	0,311	-0,004	0,013	0,121	FALSE
-0,155	0,303	-0,005	0,012	0,185	FALSE
0,039	0,289	0,001	0,008	0,062	FALSE
-0,111	0,296	-0,003	0,008	0,179	FALSE

0,049	0,325	0,003	0,011	0,089	FALSE
0,069	0,289	0,001	0,006	0,051	FALSE
0,167	0,296	0,005	0,008	0,239	FALSE
-0,033	0,315	-0,001	0,007	0,040	FALSE
-0,012	0,292	0,000	0,012	0,011	FALSE
0,009	0,316	0,000	0,008	0,003	FALSE
-0,025	0,297	-0,001	0,008	0,041	TRUE
-0,026	0,315	-0,001	0,010	0,035	FALSE
0,058	0,301	0,002	0,011	0,078	FALSE
-0,045	0,301	-0,001	0,006	0,056	FALSE
0,150	0,308	0,004	0,008	0,202	FALSE
-0,041	0,288	-0,003	0,010	0,108	FALSE
-0,165	0,309	-0,004	0,008	0,210	FALSE
0,026	0,312	0,001	0,009	0,025	FALSE
-0,126	0,299	-0,005	0,012	0,166	FALSE
-0,015	0,305	0,000	0,012	0,004	FALSE
-0,029	0,306	-0,002	0,012	0,060	FALSE
-0,032	0,306	-0,001	0,009	0,055	FALSE
0,012	0,307	0,001	0,008	0,032	FALSE
0,026	0,311	0,001	0,013	0,026	FALSE
-0,090	0,301	-0,004	0,012	0,138	FALSE
-0,111	0,293	-0,005	0,012	0,187	FALSE
0,006	0,301	-0,001	0,012	0,039	FALSE
-0,007	0,303	-0,002	0,012	0,058	FALSE
0,013	0,297	-0,001	0,012	0,033	FALSE
0,006	0,300	-0,001	0,012	0,042	FALSE
-0,017	0,309	-0,002	0,013	0,058	FALSE
-0,013	0,294	-0,002	0,012	0,073	FALSE
-0,052	0,312	-0,002	0,011	0,074	FALSE
0,105	0,303	0,002	0,006	0,132	FALSE
0,017	0,305	0,001	0,007	0,040	FALSE
0,011	0,312	0,001	0,009	0,023	FALSE
0,061	0,311	0,002	0,011	0,071	FALSE
-0,096	0,308	-0,002	0,007	0,102	FALSE
0,025	0,308	0,000	0,007	0,016	FALSE
-0,027	0,312	-0,001	0,010	0,028	FALSE
0,120	0,296	0,005	0,010	0,193	FALSE
0,034	0,302	0,000	0,012	0,011	FALSE
-0,049	0,306	-0,001	0,009	0,055	FALSE
-0,039	0,308	-0,001	0,009	0,042	FALSE
-0,180	0,299	-0,006	0,011	0,251	FALSE
-0,210	0,292	-0,007	0,011	0,293	FALSE
-0,210	0,292	-0,007	0,011	0,308	FALSE
0,079	0,321	0,002	0,009	0,095	FALSE
0,075	0,318	0,002	0,009	0,077	FALSE
0,061	0,311	0,002	0,010	0,087	FALSE
-0,052	0,298	-0,001	0,008	0,049	FALSE
0,193	0,303	0,008	0,013	0,285	FALSE
0,109	0,307	0,003	0,008	0,131	FALSE
0,147	0,298	0,005	0,009	0,216	FALSE
0,022	0,309	0,001	0,011	0,023	FALSE
-0,032	0,290	-0,001	0,010	0,036	FALSE
-0,091	0,288	-0,002	0,007	0,125	FALSE

-0,058	0,304	-0,002	0,013	0,064	FALSE
-0,096	0,297	-0,002	0,007	0,136	FALSE
-0,093	0,298	-0,004	0,012	0,137	FALSE
0,050	0,319	0,002	0,013	0,051	FALSE
-0,131	0,302	-0,003	0,007	0,158	FALSE
-0,036	0,307	-0,001	0,007	0,024	FALSE
0,013	0,308	0,000	0,007	0,014	FALSE
0,155	0,295	0,006	0,010	0,242	FALSE
-0,089	0,295	-0,002	0,006	0,113	FALSE
0,106	0,292	0,003	0,010	0,120	FALSE
-0,017	0,300	-0,001	0,007	0,049	FALSE
-0,025	0,319	-0,001	0,007	0,047	FALSE
-0,085	0,309	-0,003	0,009	0,103	FALSE
-0,077	0,316	-0,002	0,010	0,085	FALSE
0,068	0,304	0,001	0,010	0,040	FALSE
0,036	0,308	0,001	0,008	0,031	FALSE
-0,140	0,316	-0,003	0,006	0,188	FALSE
0,039	0,306	0,002	0,009	0,064	FALSE
0,076	0,306	0,002	0,006	0,115	FALSE
-0,082	0,323	-0,003	0,012	0,110	FALSE
-0,128	0,312	-0,003	0,008	0,169	FALSE
0,003	0,310	0,000	0,011	0,016	FALSE
0,019	0,297	0,001	0,011	0,038	FALSE
0,000	0,316	0,001	0,012	0,020	FALSE
-0,166	0,303	-0,004	0,008	0,194	FALSE
-0,125	0,298	-0,003	0,008	0,151	FALSE
-0,018	0,318	0,000	0,007	0,000	FALSE
0,040	0,316	0,001	0,009	0,059	FALSE
0,010	0,296	0,000	0,010	0,009	FALSE
0,046	0,306	0,001	0,007	0,063	FALSE
-0,024	0,303	-0,001	0,008	0,025	FALSE
-0,161	0,305	-0,007	0,013	0,211	FALSE
-0,171	0,303	-0,007	0,013	0,213	FALSE
0,060	0,301	0,002	0,010	0,074	FALSE
0,158	0,307	0,005	0,009	0,209	FALSE
0,001	0,283	0,001	0,013	0,019	FALSE
-0,108	0,297	-0,003	0,011	0,118	FALSE
0,071	0,289	0,002	0,012	0,051	FALSE
0,156	0,303	0,005	0,009	0,252	FALSE
-0,041	0,306	-0,001	0,007	0,058	FALSE
0,079	0,305	0,003	0,008	0,126	FALSE
-0,163	0,305	-0,007	0,013	0,236	FALSE
-0,116	0,297	-0,002	0,007	0,138	FALSE
-0,032	0,299	-0,001	0,007	0,038	FALSE
-0,053	0,308	-0,002	0,013	0,070	FALSE
-0,003	0,312	0,000	0,006	0,012	FALSE
-0,025	0,306	-0,001	0,007	0,047	FALSE
-0,063	0,305	-0,002	0,008	0,098	FALSE
-0,006	0,317	-0,001	0,010	0,018	FALSE
0,045	0,291	0,001	0,012	0,035	FALSE
-0,159	0,311	-0,004	0,008	0,232	FALSE
0,056	0,316	0,002	0,008	0,072	FALSE
0,025	0,304	0,001	0,011	0,029	FALSE

0,090	0,317	0,004	0,010	0,148	FALSE
0,075	0,289	0,003	0,010	0,101	FALSE
0,030	0,316	0,001	0,006	0,031	FALSE
0,075	0,296	0,003	0,010	0,097	FALSE
0,083	0,301	0,002	0,007	0,102	FALSE
0,253	0,288	0,011	0,012	0,434	FALSE
0,081	0,304	0,002	0,009	0,091	FALSE
0,150	0,291	0,006	0,011	0,214	FALSE
0,126	0,296	0,006	0,011	0,210	FALSE
0,022	0,291	0,000	0,010	0,009	FALSE
-0,018	0,310	-0,001	0,011	0,019	FALSE
-0,097	0,292	-0,002	0,007	0,132	FALSE
0,039	0,296	0,002	0,009	0,065	FALSE
0,111	0,311	0,003	0,009	0,151	FALSE
0,098	0,300	0,003	0,012	0,107	FALSE
-0,040	0,304	-0,001	0,008	0,059	FALSE
-0,037	0,303	-0,001	0,008	0,052	FALSE
-0,034	0,309	-0,002	0,013	0,059	FALSE
0,066	0,303	0,002	0,009	0,065	FALSE
0,084	0,307	0,002	0,009	0,093	FALSE
0,142	0,297	0,003	0,007	0,173	FALSE
0,074	0,294	0,003	0,012	0,101	FALSE
0,062	0,300	0,003	0,012	0,076	FALSE
0,096	0,296	0,004	0,013	0,121	FALSE
-0,122	0,311	-0,005	0,012	0,178	FALSE
0,034	0,300	0,001	0,006	0,061	FALSE
-0,060	0,321	-0,001	0,007	0,042	FALSE
-0,037	0,300	0,000	0,006	0,009	FALSE
-0,026	0,305	0,000	0,006	0,004	FALSE
0,164	0,293	0,005	0,008	0,241	FALSE
-0,190	0,295	-0,005	0,008	0,266	FALSE
-0,112	0,316	-0,004	0,009	0,158	FALSE
0,084	0,311	0,004	0,011	0,129	FALSE
-0,118	0,305	-0,004	0,009	0,162	FALSE
-0,082	0,313	-0,002	0,007	0,098	FALSE
-0,105	0,310	-0,004	0,011	0,126	FALSE
0,142	0,297	0,003	0,008	0,181	FALSE
0,170	0,305	0,004	0,008	0,215	FALSE
-0,080	0,303	-0,002	0,008	0,077	FALSE
0,069	0,298	0,002	0,012	0,067	FALSE
0,089	0,300	0,004	0,012	0,121	FALSE
0,124	0,295	0,004	0,009	0,170	FALSE
-0,070	0,300	-0,002	0,010	0,090	FALSE
0,012	0,311	0,000	0,006	0,021	FALSE
-0,204	0,290	-0,005	0,007	0,341	FALSE
0,008	0,312	0,000	0,012	0,000	FALSE
0,037	0,297	0,001	0,012	0,043	FALSE
-0,016	0,303	-0,001	0,012	0,045	FALSE
0,001	0,313	0,000	0,011	0,001	FALSE
-0,023	0,313	-0,001	0,006	0,032	FALSE
-0,090	0,310	-0,002	0,007	0,105	FALSE
0,038	0,300	0,002	0,013	0,053	FALSE
0,037	0,313	0,001	0,007	0,057	FALSE

0,103	0,298	0,004	0,010	0,151	FALSE
-0,096	0,320	-0,002	0,007	0,112	FALSE
-0,002	0,305	0,000	0,006	0,009	FALSE
0,010	0,321	0,000	0,011	0,012	FALSE
0,082	0,302	0,004	0,013	0,108	FALSE
0,052	0,309	0,001	0,009	0,045	FALSE
-0,062	0,307	-0,002	0,013	0,059	FALSE
0,066	0,309	0,003	0,013	0,103	FALSE
0,030	0,299	0,000	0,007	0,003	FALSE
-0,056	0,298	-0,002	0,010	0,064	FALSE
-0,043	0,291	-0,001	0,006	0,072	FALSE
-0,036	0,315	-0,001	0,008	0,045	FALSE
-0,068	0,301	-0,002	0,011	0,079	FALSE
-0,043	0,321	0,000	0,007	0,018	FALSE
-0,041	0,297	-0,001	0,010	0,032	FALSE
0,060	0,308	0,002	0,009	0,080	FALSE
-0,123	0,299	-0,004	0,009	0,182	FALSE
0,100	0,298	0,003	0,008	0,120	FALSE
-0,133	0,315	-0,004	0,009	0,176	FALSE
0,003	0,292	0,000	0,008	0,006	FALSE
0,069	0,312	0,002	0,009	0,098	FALSE
0,020	0,300	0,001	0,012	0,018	FALSE
-0,026	0,296	-0,001	0,007	0,054	FALSE
-0,023	0,306	0,000	0,007	0,009	FALSE
0,055	0,318	0,002	0,007	0,083	FALSE
-0,114	0,299	-0,003	0,008	0,178	FALSE
-0,137	0,308	-0,003	0,006	0,183	FALSE
-0,005	0,305	0,000	0,007	0,014	FALSE
0,063	0,309	0,001	0,007	0,056	FALSE
0,054	0,301	0,002	0,009	0,084	FALSE
-0,100	0,291	-0,004	0,011	0,140	FALSE
0,085	0,301	0,002	0,007	0,124	FALSE
-0,020	0,315	0,000	0,010	0,013	FALSE
0,056	0,315	0,001	0,007	0,065	FALSE
0,126	0,298	0,005	0,011	0,181	FALSE
0,077	0,307	0,001	0,008	0,062	FALSE
0,032	0,320	0,001	0,006	0,044	FALSE
0,069	0,296	0,003	0,011	0,087	FALSE
0,083	0,318	0,003	0,012	0,104	FALSE
-0,073	0,299	-0,002	0,007	0,095	FALSE
0,144	0,317	0,004	0,009	0,165	FALSE
0,084	0,310	0,002	0,013	0,072	FALSE
0,048	0,300	0,001	0,009	0,060	FALSE
-0,003	0,304	0,000	0,007	0,013	FALSE
-0,056	0,307	-0,001	0,009	0,038	FALSE
-0,004	0,319	0,000	0,008	0,001	FALSE
0,102	0,303	0,004	0,012	0,124	FALSE
0,081	0,304	0,003	0,009	0,123	FALSE
-0,048	0,309	-0,001	0,007	0,033	FALSE
-0,025	0,294	0,000	0,006	0,018	FALSE
0,020	0,299	0,001	0,011	0,022	FALSE
-0,011	0,306	0,000	0,008	0,006	FALSE
0,029	0,305	0,001	0,009	0,033	FALSE

-0,096	0,312	-0,003	0,010	0,119	FALSE
-0,086	0,305	-0,002	0,010	0,093	FALSE
0,051	0,306	0,001	0,007	0,068	FALSE
-0,110	0,309	-0,003	0,007	0,135	FALSE
-0,031	0,312	0,000	0,006	0,019	FALSE
0,082	0,311	0,003	0,010	0,091	FALSE
-0,057	0,311	-0,001	0,007	0,058	FALSE
0,030	0,298	0,002	0,009	0,090	FALSE
-0,014	0,300	-0,001	0,007	0,039	FALSE
-0,164	0,314	-0,007	0,013	0,216	FALSE
-0,023	0,327	-0,001	0,011	0,031	FALSE
-0,095	0,298	-0,003	0,009	0,120	FALSE
-0,063	0,307	-0,003	0,013	0,078	FALSE
-0,078	0,305	-0,003	0,012	0,102	FALSE
-0,053	0,312	-0,002	0,013	0,073	FALSE
-0,159	0,305	-0,006	0,012	0,216	FALSE
0,006	0,326	0,000	0,008	0,016	FALSE
-0,041	0,309	-0,001	0,012	0,045	FALSE
0,041	0,318	0,002	0,012	0,049	FALSE
0,057	0,305	0,002	0,010	0,066	FALSE
-0,013	0,302	0,000	0,010	0,002	FALSE
-0,043	0,323	-0,002	0,011	0,054	FALSE
-0,084	0,311	-0,003	0,011	0,113	FALSE
-0,076	0,315	-0,002	0,008	0,106	FALSE
0,082	0,299	0,003	0,010	0,112	FALSE
-0,016	0,306	0,000	0,008	0,017	FALSE
-0,123	0,289	-0,005	0,010	0,208	FALSE
-0,021	0,290	0,000	0,009	0,007	FALSE
-0,030	0,311	0,000	0,006	0,011	FALSE
0,082	0,291	0,003	0,008	0,129	FALSE
0,073	0,301	0,002	0,008	0,121	FALSE
0,094	0,310	0,003	0,008	0,136	FALSE
-0,024	0,305	-0,001	0,011	0,025	FALSE
-0,107	0,327	-0,004	0,012	0,141	FALSE
0,031	0,305	0,001	0,006	0,052	FALSE
-0,004	0,309	0,000	0,006	0,013	FALSE
0,006	0,302	0,000	0,011	0,008	FALSE
-0,099	0,304	-0,004	0,012	0,126	FALSE
0,049	0,306	0,001	0,007	0,070	FALSE
-0,076	0,305	-0,002	0,008	0,086	FALSE
-0,166	0,314	-0,004	0,008	0,239	FALSE
0,137	0,305	0,005	0,011	0,184	FALSE
0,171	0,297	0,007	0,012	0,285	FALSE
-0,033	0,302	-0,001	0,007	0,055	FALSE
0,029	0,305	0,001	0,008	0,038	FALSE
0,029	0,299	0,001	0,009	0,044	FALSE
-0,023	0,302	-0,001	0,009	0,035	FALSE
-0,139	0,292	-0,003	0,006	0,174	FALSE
-0,142	0,293	-0,003	0,007	0,196	FALSE
-0,090	0,329	-0,002	0,008	0,120	FALSE
0,070	0,293	0,001	0,009	0,048	FALSE
0,055	0,320	0,003	0,012	0,093	FALSE
0,059	0,310	0,002	0,007	0,078	FALSE

0,007	0,322	0,000	0,010	0,009	FALSE
0,069	0,303	0,003	0,010	0,126	FALSE
0,020	0,292	0,001	0,007	0,071	FALSE
0,094	0,291	0,003	0,008	0,128	FALSE
-0,164	0,300	-0,004	0,007	0,224	FALSE
-0,065	0,290	-0,002	0,009	0,073	FALSE
0,079	0,306	0,002	0,007	0,107	FALSE
0,068	0,309	0,002	0,008	0,078	FALSE
-0,087	0,302	-0,002	0,008	0,111	FALSE
-0,098	0,303	-0,005	0,012	0,174	FALSE
-0,062	0,307	-0,002	0,009	0,078	FALSE
0,116	0,301	0,004	0,011	0,166	FALSE
0,160	0,302	0,005	0,010	0,224	FALSE
-0,017	0,307	-0,001	0,013	0,018	FALSE
0,054	0,306	0,001	0,008	0,050	FALSE
0,051	0,315	0,001	0,008	0,048	FALSE
0,023	0,294	0,000	0,007	0,011	FALSE
-0,100	0,298	-0,003	0,009	0,115	FALSE
0,060	0,313	0,002	0,012	0,058	FALSE
-0,117	0,303	-0,003	0,008	0,141	FALSE
-0,024	0,312	-0,001	0,011	0,041	FALSE
0,052	0,321	0,002	0,012	0,059	FALSE
0,121	0,311	0,004	0,010	0,151	FALSE
-0,017	0,300	0,000	0,009	0,006	FALSE
0,008	0,300	0,001	0,011	0,035	FALSE
0,082	0,319	0,002	0,007	0,110	FALSE
-0,011	0,304	0,000	0,006	0,008	FALSE
0,065	0,304	0,002	0,012	0,049	FALSE
-0,050	0,294	-0,002	0,010	0,068	FALSE
0,080	0,307	0,002	0,008	0,113	FALSE
-0,059	0,318	-0,002	0,008	0,090	FALSE
-0,017	0,300	-0,001	0,011	0,047	FALSE
-0,018	0,312	0,000	0,007	0,005	FALSE
-0,003	0,315	0,000	0,010	0,008	FALSE
0,122	0,296	0,004	0,012	0,147	FALSE
0,142	0,313	0,005	0,013	0,165	FALSE
-0,085	0,305	-0,002	0,007	0,096	FALSE
0,087	0,294	0,003	0,012	0,094	FALSE
-0,004	0,308	-0,001	0,010	0,031	FALSE
0,045	0,308	0,001	0,011	0,033	FALSE
0,025	0,301	0,001	0,008	0,038	FALSE
-0,103	0,307	-0,003	0,009	0,150	FALSE
-0,006	0,304	0,000	0,013	0,010	FALSE
0,064	0,308	0,001	0,006	0,057	FALSE
-0,004	0,324	0,000	0,007	0,007	FALSE
0,088	0,302	0,002	0,007	0,115	FALSE
-0,079	0,306	-0,003	0,011	0,106	FALSE
0,077	0,309	0,003	0,012	0,098	FALSE
-0,143	0,293	-0,004	0,008	0,217	FALSE
-0,039	0,320	-0,001	0,007	0,054	FALSE
-0,072	0,293	-0,002	0,012	0,065	FALSE
0,274	0,281	0,008	0,009	0,427	FALSE
-0,186	0,300	-0,008	0,013	0,259	FALSE

-0,023	0,319	0,000	0,008	0,002	FALSE
-0,028	0,320	0,000	0,008	0,018	FALSE
-0,033	0,311	-0,001	0,008	0,036	FALSE
-0,115	0,310	-0,002	0,006	0,133	FALSE
-0,115	0,300	-0,005	0,012	0,161	FALSE
-0,058	0,312	-0,002	0,011	0,071	FALSE
0,019	0,298	0,000	0,012	0,013	FALSE
0,067	0,312	0,002	0,010	0,092	FALSE
-0,005	0,300	0,000	0,007	0,008	FALSE
0,054	0,309	0,002	0,012	0,059	FALSE
0,053	0,302	0,002	0,012	0,061	FALSE
-0,051	0,300	-0,001	0,007	0,079	FALSE
-0,041	0,315	-0,001	0,008	0,031	FALSE
0,049	0,304	0,002	0,012	0,061	FALSE
0,168	0,294	0,005	0,008	0,242	FALSE
-0,012	0,308	0,000	0,008	0,016	FALSE
0,059	0,318	0,003	0,012	0,088	FALSE
0,049	0,305	0,001	0,011	0,038	FALSE
-0,151	0,314	-0,005	0,011	0,190	FALSE
-0,145	0,302	-0,006	0,013	0,206	FALSE
0,086	0,300	0,004	0,012	0,129	FALSE
-0,077	0,299	-0,004	0,013	0,133	FALSE
0,040	0,315	0,001	0,008	0,048	FALSE
0,097	0,306	0,002	0,007	0,114	FALSE
-0,052	0,297	-0,001	0,009	0,053	FALSE
-0,163	0,285	-0,006	0,010	0,245	FALSE
-0,240	0,305	-0,010	0,012	0,374	FALSE
0,044	0,306	0,002	0,014	0,045	FALSE
0,105	0,304	0,003	0,010	0,122	FALSE
0,044	0,289	0,002	0,010	0,066	FALSE
-0,057	0,303	-0,003	0,012	0,102	FALSE
-0,035	0,311	-0,001	0,010	0,034	FALSE
-0,023	0,290	-0,001	0,011	0,021	FALSE
0,061	0,301	0,002	0,006	0,098	FALSE
-0,016	0,308	0,000	0,012	0,001	FALSE
-0,050	0,299	-0,003	0,012	0,079	FALSE
-0,017	0,295	0,001	0,012	0,021	FALSE
0,025	0,307	0,001	0,009	0,041	FALSE
-0,068	0,302	-0,002	0,008	0,113	FALSE
0,038	0,304	0,001	0,011	0,033	FALSE
0,103	0,307	0,002	0,007	0,114	FALSE
0,055	0,292	0,002	0,008	0,073	FALSE
0,010	0,302	0,001	0,010	0,020	FALSE
0,042	0,297	0,001	0,010	0,057	FALSE
-0,163	0,301	-0,005	0,010	0,194	FALSE
0,060	0,324	0,002	0,013	0,045	FALSE
0,098	0,299	0,004	0,012	0,121	FALSE
0,179	0,314	0,006	0,009	0,271	FALSE
0,172	0,308	0,007	0,012	0,248	FALSE
0,101	0,302	0,004	0,012	0,117	FALSE
-0,050	0,312	-0,001	0,008	0,044	FALSE
0,044	0,317	0,001	0,010	0,050	FALSE
0,017	0,314	0,001	0,008	0,025	FALSE

0,092	0,293	0,004	0,012	0,126	FALSE
-0,002	0,323	0,000	0,009	0,006	FALSE
0,062	0,294	0,003	0,012	0,076	FALSE
0,077	0,301	0,002	0,009	0,098	FALSE
0,022	0,299	0,001	0,010	0,029	FALSE
-0,021	0,303	0,001	0,013	0,014	FALSE
0,012	0,315	0,000	0,010	0,005	FALSE
-0,072	0,307	-0,002	0,011	0,086	FALSE
-0,138	0,295	-0,005	0,010	0,219	FALSE
0,105	0,291	0,003	0,010	0,124	FALSE
0,017	0,304	0,000	0,007	0,010	FALSE
-0,014	0,315	-0,001	0,010	0,018	FALSE
0,067	0,303	0,002	0,008	0,097	FALSE
-0,059	0,293	-0,003	0,011	0,105	FALSE
-0,179	0,300	-0,008	0,013	0,285	FALSE
0,016	0,325	0,001	0,013	0,017	FALSE
0,042	0,306	0,001	0,009	0,046	FALSE
0,048	0,302	0,001	0,011	0,044	FALSE
-0,006	0,305	0,000	0,011	0,009	FALSE
-0,005	0,326	0,000	0,013	0,002	FALSE
0,046	0,288	0,002	0,009	0,076	FALSE
-0,028	0,299	0,000	0,007	0,013	FALSE
-0,013	0,317	0,000	0,007	0,012	FALSE
-0,149	0,313	-0,004	0,008	0,193	FALSE
0,023	0,317	0,000	0,007	0,012	FALSE
-0,095	0,316	-0,002	0,008	0,103	FALSE
0,068	0,292	0,002	0,007	0,087	FALSE
0,169	0,305	0,003	0,006	0,233	FALSE
0,088	0,315	0,002	0,007	0,141	FALSE
0,069	0,307	0,003	0,011	0,113	FALSE
-0,005	0,309	-0,001	0,008	0,025	FALSE
-0,038	0,316	-0,001	0,009	0,040	FALSE
0,076	0,304	0,002	0,009	0,098	FALSE
-0,122	0,316	-0,003	0,008	0,156	FALSE
0,084	0,308	0,002	0,012	0,072	FALSE
0,077	0,318	0,002	0,012	0,064	FALSE
-0,119	0,295	-0,003	0,007	0,149	FALSE
0,070	0,301	0,003	0,012	0,099	FALSE
-0,012	0,320	0,000	0,013	0,010	FALSE
-0,042	0,308	-0,001	0,007	0,051	FALSE
-0,085	0,313	-0,002	0,007	0,096	FALSE
0,035	0,294	0,000	0,010	0,015	FALSE
-0,001	0,289	0,001	0,012	0,022	FALSE
-0,021	0,293	0,000	0,008	0,013	FALSE
0,030	0,300	0,000	0,012	0,007	FALSE
0,033	0,295	0,001	0,008	0,063	FALSE
-0,081	0,312	-0,001	0,006	0,076	FALSE
0,134	0,299	0,006	0,012	0,205	FALSE
-0,008	0,308	0,000	0,010	0,006	FALSE
0,152	0,307	0,006	0,013	0,212	FALSE
-0,057	0,311	-0,002	0,012	0,068	FALSE
-0,106	0,301	-0,002	0,007	0,127	FALSE
-0,063	0,296	-0,002	0,007	0,094	FALSE

0,033	0,300	0,001	0,006	0,042	FALSE
0,012	0,304	0,000	0,009	0,019	FALSE
-0,161	0,290	-0,005	0,009	0,243	FALSE
0,133	0,320	0,004	0,008	0,181	FALSE
0,014	0,313	0,000	0,007	0,003	FALSE
-0,032	0,308	-0,002	0,008	0,080	FALSE
-0,022	0,315	-0,001	0,012	0,043	FALSE
-0,023	0,290	-0,001	0,007	0,056	FALSE
-0,056	0,300	-0,001	0,007	0,056	FALSE
-0,160	0,298	-0,004	0,008	0,212	FALSE
0,122	0,303	0,003	0,006	0,181	FALSE
-0,110	0,300	-0,005	0,013	0,166	FALSE
0,032	0,300	0,001	0,006	0,037	FALSE
-0,089	0,312	-0,003	0,008	0,119	FALSE
0,032	0,302	0,001	0,009	0,057	FALSE
0,034	0,290	0,001	0,007	0,068	FALSE
-0,056	0,312	-0,001	0,007	0,062	FALSE
0,008	0,304	-0,001	0,013	0,020	FALSE
-0,116	0,300	-0,003	0,007	0,176	FALSE
0,117	0,312	0,002	0,006	0,146	FALSE
-0,025	0,314	-0,002	0,011	0,060	FALSE
-0,115	0,304	-0,005	0,010	0,204	FALSE
-0,004	0,305	0,000	0,006	0,002	FALSE
0,057	0,314	0,002	0,008	0,079	FALSE
-0,080	0,301	-0,002	0,007	0,129	FALSE
0,021	0,298	0,000	0,007	0,001	FALSE
0,106	0,296	0,003	0,006	0,168	FALSE
0,016	0,308	0,000	0,013	0,013	FALSE
0,043	0,304	0,001	0,010	0,052	FALSE
0,082	0,310	0,002	0,007	0,081	FALSE
0,018	0,300	0,000	0,012	0,003	FALSE
0,051	0,289	0,001	0,010	0,034	FALSE
0,116	0,312	0,003	0,007	0,179	FALSE
-0,112	0,299	-0,005	0,012	0,168	FALSE
0,045	0,303	0,001	0,007	0,033	FALSE
0,137	0,290	0,004	0,009	0,208	FALSE
-0,123	0,303	-0,003	0,007	0,149	FALSE
-0,149	0,315	-0,005	0,011	0,190	FALSE
0,017	0,302	0,001	0,012	0,032	FALSE
0,122	0,308	0,005	0,010	0,208	FALSE
0,036	0,304	0,001	0,007	0,043	FALSE
0,051	0,314	0,002	0,009	0,086	FALSE
-0,083	0,273	-0,002	0,006	0,124	FALSE
-0,004	0,308	0,000	0,013	0,001	FALSE
0,039	0,305	0,001	0,011	0,045	FALSE
-0,011	0,304	0,000	0,010	0,008	FALSE
0,030	0,314	0,000	0,009	0,016	FALSE
-0,149	0,326	-0,003	0,009	0,161	FALSE
0,012	0,294	0,000	0,006	0,020	FALSE
-0,083	0,312	-0,002	0,008	0,101	FALSE
-0,073	0,315	-0,002	0,009	0,076	FALSE
0,024	0,312	0,001	0,009	0,041	FALSE
-0,078	0,300	-0,002	0,007	0,109	FALSE

0,138	0,309	0,004	0,008	0,193	FALSE
0,087	0,298	0,003	0,009	0,135	FALSE
0,108	0,303	0,003	0,009	0,135	FALSE
-0,019	0,312	0,000	0,006	0,021	FALSE
-0,085	0,312	-0,002	0,008	0,096	FALSE
-0,028	0,302	-0,001	0,008	0,040	FALSE
0,057	0,315	0,001	0,007	0,079	FALSE
0,124	0,307	0,003	0,008	0,154	FALSE
-0,069	0,305	-0,003	0,013	0,080	FALSE
0,054	0,301	0,001	0,007	0,043	FALSE
-0,008	0,313	0,000	0,010	0,009	FALSE
0,069	0,303	0,003	0,010	0,107	FALSE
-0,033	0,316	-0,001	0,008	0,025	FALSE
-0,080	0,303	-0,001	0,006	0,082	FALSE
-0,082	0,319	-0,002	0,009	0,107	FALSE
-0,044	0,316	-0,001	0,008	0,051	FALSE
-0,089	0,307	-0,002	0,008	0,087	FALSE
-0,001	0,308	0,000	0,009	0,008	FALSE
-0,026	0,309	-0,002	0,013	0,058	FALSE
-0,053	0,304	-0,002	0,010	0,062	FALSE
-0,065	0,313	-0,002	0,008	0,098	FALSE
0,056	0,299	0,001	0,007	0,083	FALSE
-0,060	0,297	-0,002	0,009	0,080	FALSE
-0,015	0,302	0,000	0,013	0,009	FALSE
-0,113	0,306	-0,003	0,009	0,115	FALSE
-0,076	0,302	-0,001	0,008	0,064	FALSE
-0,010	0,293	-0,001	0,013	0,019	FALSE
0,051	0,300	0,002	0,012	0,048	FALSE
0,008	0,314	0,000	0,010	0,017	FALSE
-0,135	0,313	-0,004	0,009	0,176	FALSE
-0,152	0,307	-0,004	0,008	0,226	FALSE
-0,080	0,298	-0,001	0,008	0,066	FALSE
-0,049	0,293	-0,001	0,007	0,055	FALSE
-0,020	0,312	-0,001	0,012	0,021	FALSE
0,033	0,311	0,001	0,008	0,056	FALSE
-0,017	0,307	-0,001	0,007	0,048	FALSE
0,075	0,312	0,002	0,007	0,090	FALSE
0,097	0,305	0,003	0,009	0,122	FALSE
0,030	0,314	0,001	0,013	0,029	FALSE
0,053	0,302	0,002	0,012	0,067	FALSE
-0,149	0,314	-0,005	0,009	0,220	FALSE
-0,011	0,308	0,000	0,007	0,010	FALSE
0,135	0,310	0,004	0,009	0,172	FALSE
0,143	0,302	0,004	0,008	0,202	FALSE
0,010	0,306	0,000	0,008	0,002	FALSE
0,031	0,297	0,001	0,006	0,038	FALSE
0,034	0,320	0,001	0,006	0,052	FALSE
-0,016	0,313	0,000	0,009	0,001	FALSE
-0,094	0,304	-0,004	0,012	0,139	FALSE
-0,066	0,326	-0,003	0,013	0,082	FALSE
0,102	0,291	0,003	0,011	0,122	FALSE
0,001	0,299	0,001	0,007	0,027	FALSE
0,027	0,317	0,001	0,007	0,039	FALSE

-0,080	0,304	-0,003	0,012	0,107	FALSE
-0,030	0,310	-0,002	0,011	0,066	FALSE
0,117	0,296	0,003	0,008	0,139	FALSE
0,051	0,309	0,001	0,007	0,055	FALSE
-0,099	0,309	-0,003	0,013	0,102	FALSE
0,113	0,310	0,003	0,008	0,181	FALSE
-0,033	0,322	-0,001	0,010	0,026	FALSE
-0,014	0,321	-0,001	0,013	0,027	FALSE
-0,044	0,306	-0,001	0,010	0,047	FALSE
0,042	0,310	0,001	0,011	0,042	FALSE
-0,067	0,313	-0,001	0,007	0,056	FALSE
-0,070	0,304	-0,003	0,012	0,089	FALSE
0,075	0,311	0,003	0,012	0,094	FALSE
0,025	0,320	0,001	0,012	0,029	FALSE
0,015	0,305	0,001	0,009	0,051	FALSE
0,047	0,311	0,001	0,007	0,041	FALSE
0,043	0,309	0,002	0,008	0,071	FALSE
0,027	0,311	0,001	0,008	0,048	FALSE
0,045	0,314	0,002	0,010	0,072	FALSE
-0,158	0,315	-0,003	0,006	0,192	FALSE
-0,069	0,322	-0,003	0,013	0,098	FALSE
0,092	0,311	0,003	0,010	0,124	FALSE
-0,008	0,301	0,000	0,008	0,005	FALSE
-0,224	0,313	-0,009	0,012	0,325	FALSE
0,219	0,295	0,007	0,009	0,363	FALSE
0,044	0,331	0,002	0,013	0,048	FALSE
0,058	0,312	0,002	0,011	0,081	FALSE
-0,136	0,301	-0,005	0,009	0,232	FALSE
0,115	0,301	0,003	0,010	0,140	FALSE
-0,092	0,295	-0,004	0,012	0,119	FALSE
-0,036	0,319	-0,002	0,013	0,054	FALSE
0,120	0,293	0,003	0,010	0,136	FALSE
0,091	0,309	0,003	0,010	0,129	FALSE
0,038	0,313	0,001	0,006	0,047	FALSE
0,079	0,303	0,002	0,008	0,111	FALSE
0,002	0,308	0,000	0,007	0,011	FALSE
-0,019	0,316	0,000	0,008	0,002	FALSE
0,131	0,317	0,005	0,013	0,164	TRUE
-0,076	0,284	-0,004	0,013	0,109	FALSE
-0,005	0,317	0,000	0,010	0,014	FALSE
-0,097	0,291	-0,004	0,009	0,153	FALSE
0,043	0,306	0,000	0,011	0,008	FALSE
-0,012	0,308	-0,001	0,012	0,029	FALSE
-0,019	0,306	-0,001	0,007	0,034	FALSE
-0,021	0,294	-0,001	0,009	0,042	FALSE
0,057	0,297	0,003	0,013	0,079	FALSE
-0,051	0,297	-0,002	0,009	0,076	FALSE
-0,016	0,291	0,000	0,010	0,009	FALSE
-0,084	0,282	-0,003	0,008	0,145	FALSE
-0,041	0,290	-0,001	0,008	0,040	FALSE
0,183	0,301	0,006	0,011	0,259	FALSE
-0,023	0,312	-0,001	0,007	0,046	FALSE
0,035	0,307	0,001	0,013	0,028	FALSE

-0,014	0,297	0,000	0,007	0,011	FALSE
-0,015	0,315	0,000	0,007	0,017	FALSE
-0,038	0,297	-0,002	0,012	0,075	FALSE
-0,015	0,316	-0,001	0,009	0,022	FALSE
0,037	0,310	0,001	0,011	0,023	FALSE
-0,118	0,294	-0,004	0,008	0,186	FALSE
-0,009	0,314	0,000	0,010	0,016	FALSE
-0,007	0,315	0,000	0,010	0,017	FALSE
0,085	0,315	0,002	0,008	0,087	FALSE
0,150	0,294	0,004	0,007	0,246	FALSE
0,039	0,304	0,001	0,008	0,049	FALSE
0,111	0,307	0,002	0,009	0,101	FALSE
-0,070	0,304	-0,002	0,011	0,068	FALSE
0,077	0,304	0,002	0,007	0,088	FALSE
0,033	0,301	0,001	0,007	0,056	FALSE
0,030	0,295	0,001	0,007	0,055	FALSE
0,034	0,320	0,001	0,008	0,055	FALSE
-0,117	0,307	-0,002	0,008	0,117	FALSE
-0,002	0,308	0,000	0,009	0,015	FALSE
0,029	0,307	0,001	0,008	0,035	FALSE
-0,012	0,312	0,000	0,007	0,011	FALSE
0,058	0,314	0,002	0,013	0,072	FALSE
-0,149	0,298	-0,003	0,007	0,184	FALSE
0,024	0,302	0,001	0,012	0,032	FALSE
-0,017	0,309	0,000	0,008	0,015	FALSE
0,108	0,306	0,004	0,012	0,143	FALSE
-0,090	0,290	-0,002	0,008	0,083	FALSE
-0,086	0,295	-0,001	0,007	0,070	FALSE
0,136	0,301	0,004	0,011	0,160	FALSE
-0,117	0,315	-0,003	0,006	0,168	FALSE
-0,003	0,310	0,001	0,010	0,024	FALSE
-0,024	0,310	-0,001	0,011	0,042	FALSE
0,121	0,306	0,004	0,009	0,176	FALSE
0,079	0,289	0,004	0,012	0,125	FALSE
-0,002	0,294	0,000	0,009	0,014	FALSE
-0,087	0,300	-0,002	0,008	0,122	FALSE
0,016	0,313	0,001	0,013	0,032	FALSE
0,029	0,301	0,001	0,009	0,049	FALSE
0,111	0,299	0,003	0,008	0,170	FALSE
0,017	0,305	0,000	0,013	0,009	FALSE
-0,125	0,290	-0,005	0,012	0,176	FALSE
0,004	0,307	0,000	0,008	0,007	FALSE
-0,031	0,306	-0,001	0,012	0,024	FALSE
0,102	0,314	0,004	0,013	0,114	FALSE
-0,014	0,321	0,000	0,013	0,001	FALSE
0,125	0,304	0,003	0,007	0,173	FALSE
0,017	0,303	0,001	0,013	0,027	FALSE
-0,070	0,303	-0,002	0,008	0,112	FALSE
-0,010	0,301	-0,001	0,010	0,027	FALSE
0,045	0,301	0,001	0,007	0,040	FALSE
-0,080	0,304	-0,002	0,007	0,109	FALSE
0,015	0,316	0,001	0,012	0,034	FALSE
0,180	0,291	0,005	0,011	0,209	FALSE

-0,135	0,314	-0,005	0,013	0,164	FALSE
0,018	0,309	0,000	0,009	0,010	FALSE
0,185	0,298	0,006	0,010	0,268	FALSE
0,028	0,308	0,000	0,008	0,016	FALSE
0,030	0,292	0,001	0,009	0,036	FALSE
-0,039	0,312	-0,001	0,013	0,035	FALSE
-0,013	0,304	-0,001	0,009	0,021	FALSE
0,175	0,299	0,004	0,007	0,246	FALSE
0,067	0,310	0,002	0,008	0,083	FALSE
-0,039	0,306	-0,001	0,007	0,058	FALSE
0,100	0,304	0,004	0,012	0,131	FALSE
0,020	0,289	0,000	0,008	0,014	FALSE
-0,037	0,314	-0,001	0,009	0,042	FALSE
-0,014	0,302	0,000	0,010	0,017	FALSE
-0,096	0,305	-0,004	0,010	0,152	FALSE
-0,061	0,319	-0,002	0,012	0,067	FALSE
0,035	0,308	0,001	0,010	0,047	FALSE
-0,081	0,313	-0,002	0,007	0,109	FALSE
0,023	0,299	0,000	0,007	0,016	FALSE
-0,142	0,308	-0,005	0,011	0,206	FALSE
0,049	0,319	0,002	0,008	0,078	FALSE
0,084	0,321	0,003	0,009	0,127	FALSE
-0,082	0,310	-0,003	0,011	0,119	FALSE
0,013	0,305	0,001	0,011	0,027	FALSE
0,110	0,307	0,002	0,007	0,115	FALSE
-0,086	0,308	-0,002	0,008	0,115	FALSE
0,090	0,276	0,003	0,009	0,116	FALSE
-0,057	0,312	-0,002	0,011	0,085	FALSE
-0,060	0,303	-0,001	0,007	0,070	FALSE
0,118	0,298	0,003	0,006	0,187	FALSE
0,106	0,311	0,002	0,007	0,126	FALSE
-0,083	0,308	-0,002	0,009	0,065	FALSE
-0,012	0,316	0,000	0,013	0,001	FALSE
-0,056	0,293	-0,001	0,010	0,034	FALSE
-0,067	0,311	-0,003	0,011	0,113	FALSE
-0,109	0,321	-0,004	0,013	0,114	FALSE
-0,077	0,317	-0,002	0,010	0,090	FALSE
-0,067	0,308	-0,002	0,008	0,091	FALSE
-0,208	0,291	-0,008	0,012	0,314	FALSE
-0,046	0,309	-0,001	0,006	0,040	FALSE
-0,096	0,308	-0,004	0,012	0,139	FALSE
-0,020	0,305	-0,001	0,007	0,033	FALSE
0,067	0,304	0,001	0,007	0,076	FALSE
0,013	0,299	0,001	0,010	0,024	FALSE
0,093	0,284	0,004	0,009	0,168	FALSE
-0,094	0,298	-0,004	0,011	0,133	FALSE
-0,020	0,307	0,000	0,006	0,008	FALSE
-0,070	0,308	-0,002	0,009	0,095	FALSE
-0,050	0,302	-0,001	0,011	0,042	FALSE
-0,091	0,305	-0,001	0,007	0,079	FALSE
0,008	0,291	0,000	0,007	0,009	FALSE
0,108	0,310	0,003	0,009	0,143	FALSE
-0,050	0,308	-0,001	0,008	0,054	FALSE

-0,002	0,309	0,000	0,011	0,003	FALSE
-0,225	0,289	-0,006	0,007	0,377	FALSE
0,089	0,311	0,002	0,007	0,111	FALSE
0,046	0,307	0,001	0,012	0,026	FALSE
-0,130	0,302	-0,003	0,008	0,142	FALSE
0,004	0,319	0,000	0,009	0,008	FALSE
0,013	0,308	0,000	0,010	0,003	FALSE
0,151	0,313	0,006	0,013	0,203	FALSE
-0,010	0,314	0,000	0,012	0,004	FALSE
-0,075	0,311	-0,002	0,009	0,082	FALSE
0,057	0,300	0,002	0,009	0,083	FALSE
0,125	0,306	0,003	0,009	0,158	FALSE
-0,017	0,305	-0,001	0,011	0,024	FALSE
-0,013	0,313	-0,001	0,011	0,024	FALSE
0,034	0,301	0,002	0,012	0,056	FALSE
-0,032	0,322	-0,002	0,010	0,068	FALSE
-0,075	0,314	-0,002	0,013	0,070	FALSE
-0,112	0,300	-0,003	0,007	0,160	FALSE
0,006	0,293	0,000	0,008	0,021	FALSE
-0,016	0,301	0,000	0,007	0,023	FALSE
0,068	0,304	0,003	0,012	0,110	FALSE
0,071	0,307	0,001	0,006	0,087	FALSE
0,073	0,309	0,002	0,010	0,086	FALSE
0,012	0,304	0,000	0,009	0,001	FALSE
0,000	0,305	-0,001	0,009	0,021	FALSE
-0,048	0,298	-0,002	0,010	0,075	FALSE
-0,034	0,315	-0,001	0,011	0,049	FALSE
0,029	0,307	0,001	0,009	0,026	FALSE
-0,037	0,293	-0,002	0,013	0,060	FALSE
0,020	0,310	0,000	0,008	0,017	FALSE
-0,104	0,303	-0,002	0,007	0,134	FALSE
0,062	0,313	0,002	0,007	0,097	FALSE
-0,055	0,306	-0,002	0,010	0,066	FALSE
0,007	0,325	0,000	0,013	0,002	FALSE
0,048	0,306	0,001	0,007	0,055	FALSE
-0,035	0,303	0,000	0,007	0,001	FALSE
0,020	0,312	0,000	0,007	0,008	FALSE
-0,023	0,303	0,000	0,012	0,004	FALSE
0,031	0,308	0,001	0,006	0,032	FALSE
-0,023	0,308	-0,002	0,010	0,074	FALSE
-0,105	0,303	-0,005	0,012	0,172	FALSE
-0,013	0,307	-0,001	0,011	0,033	FALSE
0,016	0,316	0,001	0,010	0,020	FALSE
0,056	0,304	0,002	0,009	0,089	FALSE
-0,044	0,296	-0,001	0,007	0,072	FALSE
-0,018	0,316	0,000	0,009	0,015	FALSE
-0,040	0,299	-0,001	0,011	0,031	FALSE
0,022	0,313	0,001	0,013	0,033	FALSE
-0,039	0,293	-0,001	0,009	0,041	FALSE
0,075	0,323	0,002	0,008	0,086	FALSE
-0,050	0,307	-0,002	0,009	0,071	FALSE
0,000	0,310	-0,001	0,012	0,038	FALSE
0,055	0,303	0,002	0,012	0,058	FALSE

0,066	0,301	0,002	0,007	0,111	FALSE
0,090	0,304	0,003	0,009	0,118	FALSE
-0,001	0,308	0,000	0,009	0,013	FALSE
-0,009	0,307	0,000	0,010	0,002	FALSE
0,055	0,305	0,002	0,008	0,090	FALSE
-0,021	0,312	-0,001	0,009	0,034	FALSE
-0,091	0,299	-0,002	0,007	0,119	FALSE
-0,100	0,309	-0,002	0,007	0,129	FALSE
-0,007	0,314	0,000	0,013	0,001	FALSE
0,179	0,290	0,006	0,010	0,283	FALSE
0,037	0,307	0,001	0,009	0,053	FALSE
0,013	0,309	0,000	0,008	0,004	FALSE
-0,047	0,310	-0,001	0,014	0,033	FALSE
0,089	0,299	0,003	0,010	0,102	FALSE
-0,007	0,300	0,001	0,012	0,022	FALSE
0,008	0,290	-0,001	0,009	0,035	FALSE
0,043	0,300	0,001	0,009	0,055	FALSE
-0,047	0,314	-0,002	0,008	0,073	FALSE
0,022	0,320	0,001	0,006	0,049	FALSE
0,026	0,311	0,000	0,011	0,014	FALSE
-0,148	0,296	-0,003	0,007	0,184	FALSE
0,009	0,300	0,001	0,008	0,025	FALSE
-0,011	0,315	0,000	0,007	0,020	FALSE
0,040	0,301	0,000	0,008	0,011	FALSE
0,118	0,304	0,003	0,007	0,176	FALSE
-0,134	0,304	-0,003	0,007	0,161	FALSE
-0,059	0,302	-0,002	0,013	0,064	FALSE
-0,111	0,304	-0,003	0,008	0,132	FALSE
0,078	0,301	0,003	0,007	0,136	FALSE
0,003	0,317	0,001	0,008	0,041	FALSE
0,026	0,309	0,000	0,009	0,018	FALSE
0,163	0,302	0,004	0,007	0,222	FALSE
0,072	0,306	0,002	0,006	0,096	FALSE
0,081	0,312	0,003	0,007	0,136	FALSE
-0,038	0,309	-0,002	0,007	0,083	FALSE
0,012	0,305	0,000	0,008	0,005	FALSE
0,034	0,311	0,001	0,007	0,051	FALSE
-0,045	0,307	-0,001	0,011	0,046	FALSE
-0,075	0,299	-0,002	0,009	0,086	FALSE
0,002	0,307	0,000	0,008	0,004	FALSE
-0,036	0,311	-0,001	0,009	0,028	FALSE
0,007	0,308	-0,001	0,011	0,021	FALSE
0,011	0,320	0,000	0,012	0,002	FALSE
0,023	0,307	0,000	0,011	0,015	FALSE
-0,133	0,296	-0,006	0,013	0,187	FALSE
0,077	0,311	0,002	0,009	0,063	FALSE
0,094	0,286	0,003	0,010	0,126	FALSE
0,084	0,305	0,003	0,010	0,108	FALSE
-0,018	0,310	0,000	0,007	0,012	FALSE
-0,022	0,301	0,000	0,006	0,026	FALSE
0,020	0,314	0,001	0,006	0,037	FALSE
-0,024	0,297	0,000	0,009	0,009	FALSE
0,048	0,318	0,002	0,013	0,064	FALSE

-0,173	0,299	-0,007	0,012	0,258	FALSE
0,028	0,298	0,001	0,011	0,032	FALSE
0,012	0,308	0,000	0,007	0,004	FALSE
-0,006	0,314	0,000	0,013	0,009	FALSE
0,059	0,314	0,002	0,009	0,101	FALSE
-0,108	0,300	-0,003	0,008	0,148	FALSE
0,160	0,295	0,004	0,009	0,204	FALSE
0,096	0,301	0,004	0,012	0,125	FALSE
-0,004	0,300	0,000	0,008	0,000	FALSE
0,007	0,306	-0,001	0,011	0,017	FALSE
0,065	0,302	0,001	0,008	0,060	FALSE
0,023	0,295	0,001	0,009	0,034	FALSE
-0,008	0,311	0,000	0,011	0,003	FALSE
0,045	0,301	0,002	0,013	0,062	FALSE
0,033	0,293	0,002	0,010	0,068	FALSE
-0,032	0,313	-0,002	0,013	0,047	FALSE
-0,044	0,298	-0,002	0,008	0,084	FALSE
-0,162	0,305	-0,006	0,013	0,213	FALSE
-0,027	0,312	-0,001	0,011	0,043	FALSE
0,030	0,303	0,001	0,011	0,038	FALSE
-0,037	0,304	-0,002	0,009	0,063	FALSE
0,064	0,311	0,002	0,008	0,079	FALSE
-0,130	0,308	-0,003	0,006	0,199	FALSE
0,101	0,319	0,004	0,010	0,142	FALSE
-0,042	0,298	-0,001	0,007	0,037	FALSE
-0,049	0,300	-0,001	0,007	0,045	FALSE
-0,105	0,318	-0,003	0,010	0,123	FALSE
0,018	0,304	0,001	0,013	0,018	FALSE
0,044	0,316	0,001	0,008	0,046	FALSE
0,000	0,323	0,000	0,007	0,012	FALSE
0,012	0,310	0,001	0,012	0,025	FALSE
-0,076	0,292	-0,002	0,008	0,088	FALSE
0,019	0,283	0,001	0,008	0,037	FALSE
0,097	0,305	0,002	0,008	0,122	FALSE
-0,086	0,312	-0,003	0,010	0,130	FALSE
-0,033	0,309	-0,001	0,010	0,053	FALSE
0,110	0,311	0,003	0,007	0,154	FALSE
-0,067	0,309	-0,002	0,007	0,089	FALSE
0,039	0,309	0,001	0,007	0,047	FALSE
-0,076	0,318	-0,002	0,009	0,089	FALSE
0,004	0,318	0,000	0,009	0,006	FALSE
-0,083	0,313	-0,002	0,006	0,105	FALSE
0,176	0,297	0,005	0,009	0,250	FALSE
0,248	0,281	0,010	0,012	0,367	FALSE
0,106	0,314	0,002	0,007	0,104	FALSE
-0,018	0,320	-0,001	0,012	0,017	FALSE
-0,031	0,313	-0,001	0,011	0,043	FALSE
-0,010	0,311	0,001	0,013	0,021	FALSE
0,021	0,302	0,000	0,006	0,020	FALSE
-0,047	0,298	-0,001	0,007	0,056	FALSE
-0,023	0,311	-0,001	0,009	0,036	FALSE
0,059	0,298	0,002	0,007	0,105	FALSE
0,018	0,306	0,000	0,008	0,020	FALSE

0,024	0,310	0,000	0,007	0,021	FALSE
0,141	0,307	0,005	0,011	0,200	FALSE
0,000	0,312	0,000	0,008	0,004	FALSE
0,017	0,311	0,001	0,013	0,033	FALSE
0,057	0,310	0,002	0,012	0,054	FALSE
-0,084	0,308	-0,003	0,011	0,108	FALSE
0,003	0,303	0,001	0,010	0,025	FALSE
-0,042	0,316	-0,002	0,012	0,061	FALSE
-0,035	0,299	-0,001	0,009	0,049	FALSE
0,023	0,301	0,001	0,007	0,058	FALSE
-0,144	0,307	-0,007	0,012	0,228	FALSE
-0,120	0,308	-0,006	0,012	0,196	FALSE
-0,004	0,315	0,001	0,007	0,026	FALSE
-0,005	0,301	-0,001	0,008	0,028	FALSE
-0,137	0,293	-0,007	0,013	0,232	FALSE
-0,002	0,294	0,000	0,010	0,002	FALSE
-0,027	0,298	0,000	0,008	0,008	FALSE
-0,074	0,305	-0,003	0,009	0,121	FALSE
-0,044	0,314	-0,002	0,011	0,065	FALSE
0,125	0,304	0,003	0,007	0,143	FALSE
0,042	0,312	0,001	0,006	0,044	FALSE
0,044	0,298	0,001	0,010	0,047	FALSE
-0,038	0,309	-0,001	0,009	0,054	FALSE
0,015	0,299	0,000	0,007	0,009	FALSE
-0,049	0,306	-0,001	0,011	0,047	FALSE
0,001	0,315	0,001	0,009	0,026	FALSE
-0,012	0,312	-0,001	0,011	0,037	FALSE
-0,120	0,309	-0,003	0,007	0,150	FALSE
0,078	0,293	0,004	0,012	0,125	FALSE
0,068	0,308	0,003	0,011	0,091	FALSE
0,006	0,313	0,000	0,009	0,007	FALSE
-0,093	0,312	-0,003	0,009	0,144	FALSE
-0,031	0,297	0,000	0,010	0,007	FALSE
0,035	0,296	0,000	0,012	0,011	FALSE
-0,193	0,305	-0,004	0,007	0,251	FALSE
0,092	0,310	0,004	0,013	0,115	FALSE
0,116	0,329	0,003	0,008	0,124	FALSE
-0,077	0,323	-0,001	0,007	0,085	FALSE
-0,185	0,304	-0,005	0,008	0,269	FALSE
-0,043	0,298	-0,002	0,009	0,080	FALSE
0,011	0,304	0,000	0,011	0,015	FALSE
-0,163	0,302	-0,004	0,008	0,233	FALSE
0,080	0,297	0,003	0,012	0,097	FALSE
-0,091	0,291	-0,004	0,009	0,169	FALSE
0,090	0,293	0,004	0,012	0,116	FALSE
0,074	0,306	0,003	0,013	0,089	FALSE
0,068	0,317	0,001	0,008	0,072	FALSE
-0,032	0,297	-0,001	0,013	0,024	FALSE
-0,108	0,292	-0,003	0,008	0,158	FALSE
0,053	0,308	0,001	0,006	0,049	FALSE
-0,170	0,298	-0,005	0,009	0,254	FALSE
-0,045	0,306	-0,001	0,007	0,071	FALSE
-0,102	0,311	-0,002	0,007	0,127	FALSE

-0,008	0,306	0,000	0,008	0,009	FALSE
0,045	0,308	0,002	0,011	0,077	FALSE
0,000	0,316	0,000	0,008	0,010	FALSE
0,102	0,319	0,004	0,012	0,120	FALSE
-0,114	0,294	-0,003	0,011	0,112	FALSE
0,033	0,307	0,001	0,006	0,042	FALSE
-0,017	0,310	-0,001	0,010	0,027	FALSE
0,138	0,315	0,004	0,008	0,221	FALSE
0,140	0,319	0,004	0,009	0,216	FALSE
-0,023	0,303	-0,001	0,009	0,036	FALSE
0,073	0,302	0,001	0,006	0,081	FALSE
0,035	0,330	0,001	0,008	0,051	FALSE
0,073	0,307	0,002	0,012	0,076	FALSE
-0,053	0,306	-0,001	0,013	0,040	FALSE
-0,068	0,301	-0,001	0,007	0,067	FALSE
-0,048	0,321	-0,003	0,013	0,083	FALSE
-0,065	0,311	-0,003	0,012	0,106	FALSE
-0,079	0,307	-0,002	0,007	0,105	FALSE
0,064	0,309	0,001	0,013	0,043	FALSE
-0,041	0,305	-0,001	0,010	0,051	FALSE
-0,061	0,316	-0,003	0,013	0,074	FALSE
0,077	0,324	0,003	0,009	0,102	FALSE
-0,106	0,305	-0,003	0,007	0,158	FALSE
-0,084	0,314	-0,002	0,007	0,110	FALSE
0,070	0,305	0,001	0,008	0,068	FALSE
0,100	0,311	0,005	0,013	0,170	FALSE
-0,007	0,302	-0,001	0,008	0,039	FALSE
-0,023	0,320	-0,001	0,008	0,043	FALSE
0,005	0,310	0,000	0,008	0,009	FALSE
0,027	0,315	0,001	0,008	0,032	FALSE
0,107	0,312	0,005	0,013	0,152	FALSE
-0,024	0,308	-0,001	0,008	0,034	FALSE
0,062	0,298	0,001	0,008	0,054	FALSE
0,038	0,306	0,001	0,007	0,040	FALSE
0,002	0,305	0,001	0,013	0,017	FALSE
-0,090	0,307	-0,003	0,010	0,104	FALSE
0,153	0,305	0,007	0,013	0,214	FALSE
0,009	0,303	0,001	0,010	0,031	FALSE
0,028	0,311	0,001	0,012	0,034	FALSE
0,023	0,313	0,000	0,009	0,016	FALSE
-0,164	0,279	-0,004	0,008	0,218	FALSE
0,033	0,307	0,001	0,012	0,022	FALSE
0,140	0,307	0,004	0,008	0,232	FALSE
0,070	0,314	0,002	0,007	0,085	FALSE
0,011	0,303	0,000	0,010	0,001	FALSE
0,099	0,310	0,003	0,008	0,135	FALSE
-0,084	0,309	-0,004	0,013	0,112	FALSE
0,023	0,310	0,001	0,012	0,019	FALSE
0,015	0,306	0,000	0,012	0,007	FALSE
-0,062	0,312	-0,002	0,013	0,061	FALSE
-0,036	0,308	-0,001	0,012	0,036	FALSE
0,042	0,310	0,001	0,007	0,050	FALSE
-0,089	0,301	-0,002	0,010	0,094	FALSE

-0,016	0,309	0,000	0,007	0,016	FALSE
-0,080	0,305	-0,002	0,009	0,090	FALSE
0,010	0,300	0,000	0,006	0,016	FALSE
-0,078	0,321	-0,002	0,008	0,082	FALSE
-0,118	0,293	-0,005	0,013	0,147	FALSE
0,093	0,308	0,003	0,011	0,089	FALSE
0,013	0,295	-0,001	0,012	0,019	FALSE
0,015	0,305	0,000	0,008	0,010	FALSE
-0,079	0,305	-0,003	0,008	0,139	FALSE
0,083	0,292	0,001	0,007	0,068	FALSE
0,061	0,312	0,002	0,011	0,066	FALSE
0,028	0,299	0,001	0,012	0,038	FALSE
0,044	0,303	0,002	0,011	0,056	FALSE
0,108	0,297	0,002	0,006	0,136	FALSE
-0,050	0,310	-0,001	0,007	0,064	FALSE
-0,051	0,308	-0,001	0,006	0,088	FALSE
0,084	0,303	0,003	0,009	0,139	FALSE
-0,091	0,276	-0,006	0,012	0,186	FALSE
-0,007	0,304	0,000	0,012	0,004	FALSE
0,034	0,312	0,001	0,011	0,034	FALSE
0,079	0,294	0,001	0,007	0,068	FALSE
-0,095	0,311	-0,002	0,007	0,124	FALSE
-0,054	0,319	-0,003	0,013	0,078	FALSE
-0,006	0,315	0,000	0,007	0,009	FALSE
0,028	0,310	0,001	0,009	0,032	FALSE
0,078	0,317	0,003	0,011	0,103	FALSE
-0,047	0,310	-0,003	0,012	0,098	FALSE
-0,046	0,299	-0,002	0,009	0,077	FALSE
0,101	0,309	0,004	0,013	0,120	FALSE
-0,098	0,303	-0,004	0,011	0,153	FALSE
-0,089	0,309	-0,004	0,011	0,133	FALSE
0,016	0,298	0,000	0,008	0,022	FALSE
0,018	0,302	0,001	0,006	0,043	FALSE
-0,111	0,296	-0,004	0,011	0,156	FALSE
-0,078	0,311	-0,003	0,010	0,107	FALSE
0,012	0,308	0,000	0,007	0,008	FALSE
-0,074	0,302	-0,003	0,010	0,125	FALSE
0,010	0,303	0,001	0,007	0,033	FALSE
0,001	0,314	0,001	0,011	0,025	FALSE
0,037	0,300	0,001	0,007	0,053	FALSE
0,058	0,316	0,002	0,007	0,083	FALSE
-0,032	0,316	-0,001	0,012	0,035	FALSE
-0,001	0,323	0,000	0,009	0,012	FALSE
-0,080	0,312	-0,002	0,009	0,094	FALSE
-0,164	0,317	-0,004	0,008	0,214	FALSE
0,012	0,303	0,000	0,006	0,006	FALSE
0,043	0,315	0,002	0,008	0,081	FALSE
-0,033	0,317	-0,001	0,007	0,026	FALSE
0,031	0,303	0,001	0,009	0,041	FALSE
0,009	0,302	0,000	0,010	0,006	FALSE
-0,029	0,300	-0,001	0,008	0,066	FALSE
-0,085	0,320	-0,002	0,007	0,110	FALSE
-0,045	0,291	-0,001	0,007	0,033	FALSE

-0,013	0,304	0,000	0,008	0,004	FALSE
0,142	0,309	0,003	0,007	0,168	FALSE
0,133	0,295	0,002	0,006	0,140	FALSE
0,005	0,296	0,000	0,010	0,000	FALSE
0,005	0,305	0,000	0,011	0,010	FALSE
0,105	0,293	0,004	0,013	0,129	FALSE
-0,132	0,303	-0,004	0,010	0,161	FALSE
-0,017	0,310	-0,001	0,008	0,047	FALSE
-0,050	0,310	-0,001	0,011	0,049	FALSE
-0,020	0,311	0,000	0,010	0,006	FALSE
0,104	0,306	0,002	0,009	0,080	FALSE
-0,041	0,305	-0,001	0,007	0,058	FALSE
-0,051	0,311	-0,002	0,012	0,070	FALSE
0,025	0,301	0,000	0,009	0,015	FALSE
0,123	0,293	0,004	0,009	0,158	FALSE
0,121	0,305	0,005	0,012	0,182	FALSE
0,013	0,296	0,000	0,007	0,010	FALSE
0,027	0,317	0,000	0,007	0,023	FALSE
0,020	0,310	0,001	0,011	0,020	FALSE
0,100	0,307	0,002	0,007	0,113	FALSE
-0,013	0,293	0,000	0,008	0,015	FALSE
-0,018	0,303	-0,001	0,011	0,036	FALSE
-0,030	0,301	-0,001	0,007	0,049	FALSE
0,084	0,306	0,002	0,009	0,090	FALSE
-0,089	0,308	-0,002	0,006	0,129	FALSE
-0,035	0,310	-0,002	0,012	0,052	FALSE
-0,046	0,299	-0,003	0,012	0,083	FALSE
-0,034	0,301	-0,001	0,009	0,037	FALSE
0,119	0,312	0,005	0,012	0,159	FALSE
-0,029	0,313	-0,001	0,011	0,043	FALSE
-0,030	0,310	-0,001	0,010	0,024	FALSE
-0,009	0,311	0,000	0,009	0,006	FALSE
-0,050	0,301	-0,002	0,013	0,061	FALSE
0,045	0,285	0,001	0,007	0,060	FALSE
-0,153	0,307	-0,003	0,007	0,214	FALSE
0,129	0,312	0,003	0,008	0,185	FALSE
0,061	0,304	0,002	0,012	0,056	FALSE
-0,059	0,313	-0,003	0,012	0,084	FALSE
-0,048	0,304	-0,001	0,010	0,051	FALSE
0,107	0,311	0,003	0,009	0,130	FALSE
-0,144	0,305	-0,005	0,012	0,166	FALSE
-0,058	0,309	-0,003	0,011	0,088	FALSE
-0,026	0,310	-0,001	0,011	0,044	FALSE
-0,053	0,309	-0,003	0,011	0,084	FALSE
-0,070	0,320	-0,003	0,013	0,091	FALSE
-0,033	0,319	-0,002	0,012	0,061	FALSE
-0,036	0,314	-0,002	0,011	0,062	FALSE
0,087	0,299	0,003	0,012	0,101	FALSE
0,079	0,302	0,002	0,009	0,080	FALSE
-0,061	0,303	-0,002	0,008	0,093	FALSE
-0,020	0,296	0,000	0,007	0,019	FALSE
0,063	0,306	0,002	0,010	0,095	FALSE
-0,011	0,308	0,000	0,007	0,002	FALSE

0,046	0,324	0,003	0,013	0,091	FALSE
-0,008	0,310	-0,002	0,013	0,051	FALSE
0,027	0,316	0,002	0,013	0,050	FALSE
0,035	0,307	0,003	0,011	0,085	FALSE
0,020	0,303	0,001	0,011	0,016	FALSE
0,010	0,309	0,000	0,013	0,012	FALSE
-0,109	0,298	-0,004	0,010	0,140	FALSE
0,131	0,295	0,005	0,011	0,162	FALSE
-0,095	0,304	-0,002	0,008	0,093	FALSE
-0,112	0,304	-0,004	0,009	0,156	FALSE
-0,040	0,305	-0,001	0,008	0,049	FALSE
0,184	0,315	0,006	0,011	0,244	FALSE
0,151	0,305	0,004	0,009	0,173	FALSE
-0,027	0,303	0,000	0,008	0,011	FALSE
-0,093	0,303	-0,003	0,007	0,179	FALSE
-0,022	0,301	0,000	0,008	0,003	FALSE
-0,001	0,317	-0,001	0,012	0,021	FALSE
-0,008	0,291	-0,001	0,008	0,038	FALSE
-0,125	0,300	-0,003	0,007	0,170	FALSE
-0,169	0,308	-0,008	0,013	0,269	FALSE
-0,055	0,325	-0,002	0,009	0,076	FALSE
0,029	0,315	0,001	0,011	0,029	FALSE
-0,028	0,303	-0,001	0,008	0,043	FALSE
-0,049	0,313	-0,001	0,008	0,052	FALSE
-0,056	0,301	-0,001	0,011	0,040	FALSE
0,149	0,298	0,004	0,007	0,233	FALSE
-0,009	0,320	0,000	0,009	0,002	FALSE
-0,127	0,308	-0,005	0,009	0,220	FALSE
0,021	0,314	0,000	0,009	0,015	FALSE
0,030	0,304	0,001	0,006	0,055	FALSE
0,197	0,311	0,008	0,010	0,333	FALSE
0,113	0,304	0,004	0,010	0,177	FALSE
-0,040	0,311	0,000	0,009	0,013	FALSE
0,023	0,314	0,001	0,008	0,052	FALSE
-0,011	0,299	0,000	0,007	0,002	FALSE
0,092	0,304	0,002	0,009	0,104	FALSE
0,055	0,303	0,001	0,008	0,054	FALSE
0,078	0,301	0,002	0,007	0,081	FALSE
0,033	0,312	0,001	0,008	0,038	FALSE
-0,106	0,316	-0,003	0,009	0,144	FALSE
0,033	0,306	0,001	0,008	0,029	FALSE
-0,021	0,315	0,000	0,010	0,001	FALSE
0,113	0,303	0,004	0,008	0,203	FALSE
-0,120	0,300	-0,003	0,008	0,167	FALSE
0,017	0,320	0,000	0,014	0,012	FALSE
0,093	0,311	0,004	0,012	0,112	FALSE
-0,186	0,300	-0,005	0,007	0,296	FALSE
-0,041	0,295	-0,002	0,009	0,060	FALSE
-0,073	0,308	-0,002	0,012	0,063	FALSE
0,065	0,294	0,003	0,011	0,103	FALSE
-0,113	0,310	-0,005	0,012	0,178	FALSE
0,052	0,316	0,003	0,011	0,090	FALSE
-0,121	0,303	-0,004	0,010	0,155	FALSE

-0,004	0,301	0,000	0,013	0,004	FALSE
-0,013	0,297	0,000	0,007	0,015	FALSE
-0,163	0,293	-0,004	0,007	0,218	FALSE
0,114	0,308	0,004	0,010	0,187	FALSE
0,054	0,320	0,001	0,008	0,071	FALSE
0,082	0,297	0,004	0,011	0,137	FALSE
-0,077	0,293	-0,004	0,012	0,131	FALSE
0,038	0,313	0,002	0,013	0,044	FALSE
0,118	0,307	0,003	0,007	0,137	FALSE
-0,102	0,276	-0,004	0,009	0,171	FALSE
0,075	0,298	0,002	0,009	0,076	FALSE
0,050	0,311	0,001	0,007	0,050	FALSE
0,151	0,300	0,004	0,008	0,218	FALSE
0,022	0,309	0,000	0,010	0,001	FALSE
0,136	0,288	0,003	0,006	0,162	FALSE
0,002	0,316	0,000	0,008	0,009	FALSE
0,128	0,293	0,005	0,012	0,160	FALSE
0,128	0,300	0,005	0,012	0,166	FALSE
0,137	0,297	0,006	0,012	0,182	FALSE
0,151	0,303	0,006	0,013	0,196	FALSE
-0,019	0,310	0,000	0,013	0,007	FALSE
-0,014	0,304	-0,001	0,008	0,050	FALSE
-0,021	0,303	-0,001	0,007	0,043	FALSE
0,086	0,303	0,002	0,009	0,092	FALSE
0,107	0,310	0,004	0,009	0,172	FALSE
0,094	0,304	0,004	0,011	0,160	FALSE
0,121	0,304	0,005	0,011	0,190	FALSE
0,068	0,308	0,002	0,012	0,074	FALSE
0,111	0,315	0,004	0,011	0,143	FALSE
-0,003	0,305	0,000	0,010	0,011	FALSE
0,120	0,302	0,006	0,012	0,197	FALSE
0,087	0,296	0,002	0,008	0,079	FALSE
0,003	0,302	0,000	0,008	0,004	FALSE
-0,059	0,311	-0,001	0,006	0,062	FALSE
-0,024	0,319	-0,001	0,008	0,036	FALSE
-0,054	0,308	-0,002	0,007	0,083	FALSE
0,045	0,298	0,002	0,011	0,080	FALSE
-0,020	0,309	0,000	0,012	0,014	FALSE
0,033	0,296	0,001	0,006	0,054	FALSE
0,164	0,303	0,004	0,007	0,223	FALSE
-0,068	0,312	-0,003	0,013	0,077	FALSE
-0,072	0,297	-0,002	0,007	0,101	FALSE
-0,033	0,306	0,000	0,007	0,022	FALSE
-0,012	0,318	-0,001	0,007	0,040	FALSE
0,175	0,312	0,004	0,007	0,267	FALSE
-0,034	0,312	-0,002	0,013	0,048	FALSE
0,088	0,303	0,002	0,006	0,089	FALSE
0,105	0,312	0,003	0,009	0,113	FALSE
-0,045	0,314	-0,002	0,011	0,053	FALSE
-0,072	0,304	-0,001	0,006	0,052	FALSE
-0,057	0,293	-0,001	0,008	0,065	FALSE
0,015	0,323	0,000	0,007	0,009	FALSE
0,114	0,303	0,003	0,008	0,161	FALSE

0,087	0,297	0,003	0,011	0,121	FALSE
0,142	0,317	0,004	0,009	0,185	FALSE
-0,041	0,302	-0,001	0,007	0,053	FALSE
-0,045	0,303	-0,001	0,007	0,073	FALSE
-0,044	0,308	-0,002	0,013	0,066	FALSE
0,095	0,304	0,004	0,013	0,132	FALSE
0,081	0,312	0,004	0,012	0,111	FALSE
-0,031	0,313	-0,001	0,007	0,043	FALSE
-0,070	0,305	-0,002	0,010	0,086	FALSE
0,002	0,308	0,000	0,009	0,009	FALSE
-0,047	0,316	-0,002	0,008	0,083	FALSE
-0,066	0,313	-0,002	0,009	0,091	FALSE
-0,092	0,314	-0,002	0,007	0,107	FALSE
-0,118	0,316	-0,005	0,013	0,153	FALSE
-0,054	0,307	-0,001	0,006	0,054	FALSE
-0,025	0,307	-0,001	0,009	0,028	FALSE
0,102	0,306	0,003	0,010	0,134	FALSE
-0,171	0,299	-0,004	0,007	0,225	FALSE
-0,214	0,294	-0,007	0,010	0,335	FALSE
-0,147	0,296	-0,005	0,010	0,211	FALSE
-0,069	0,309	-0,002	0,011	0,060	FALSE
-0,005	0,313	0,000	0,012	0,005	FALSE
-0,012	0,312	-0,001	0,012	0,016	FALSE
0,025	0,317	0,001	0,006	0,029	FALSE
0,002	0,307	0,000	0,009	0,009	FALSE
0,031	0,295	0,000	0,006	0,019	FALSE
-0,122	0,308	-0,005	0,012	0,152	FALSE
-0,079	0,297	-0,003	0,012	0,106	FALSE
0,060	0,304	0,003	0,013	0,103	FALSE
-0,085	0,308	-0,002	0,007	0,115	FALSE
-0,115	0,304	-0,003	0,007	0,162	FALSE
0,062	0,312	0,002	0,011	0,069	FALSE
-0,016	0,307	-0,001	0,012	0,019	FALSE
0,039	0,304	0,001	0,008	0,025	FALSE
0,090	0,307	0,003	0,011	0,116	FALSE
0,086	0,302	0,001	0,006	0,087	FALSE
0,047	0,309	0,001	0,008	0,055	FALSE
-0,153	0,298	-0,006	0,012	0,207	FALSE
0,003	0,310	0,000	0,011	0,005	FALSE
0,034	0,307	0,001	0,007	0,042	FALSE
-0,169	0,295	-0,005	0,009	0,247	FALSE
-0,073	0,316	-0,003	0,013	0,076	FALSE
-0,095	0,300	-0,002	0,008	0,110	FALSE
0,079	0,311	0,003	0,013	0,078	FALSE
0,056	0,303	0,002	0,010	0,086	FALSE
0,020	0,313	0,000	0,013	0,004	FALSE
0,109	0,308	0,003	0,011	0,113	FALSE
-0,095	0,302	-0,003	0,012	0,114	FALSE
-0,044	0,316	-0,001	0,007	0,050	FALSE
0,030	0,321	0,001	0,008	0,026	FALSE
0,017	0,325	0,001	0,009	0,021	FALSE
0,097	0,293	0,002	0,007	0,127	FALSE
0,018	0,299	0,000	0,008	0,014	FALSE

-0,111	0,303	-0,003	0,006	0,166	FALSE
-0,017	0,303	0,000	0,012	0,011	FALSE
-0,017	0,309	-0,001	0,010	0,034	FALSE
0,045	0,316	0,001	0,009	0,034	FALSE
-0,007	0,308	0,000	0,010	0,015	FALSE
0,110	0,308	0,004	0,011	0,152	FALSE
-0,060	0,301	-0,001	0,006	0,077	FALSE
-0,057	0,311	-0,002	0,007	0,089	FALSE
0,023	0,321	0,000	0,008	0,009	FALSE
0,065	0,310	0,002	0,007	0,111	FALSE
0,024	0,286	0,001	0,012	0,034	FALSE
-0,064	0,289	-0,003	0,011	0,101	FALSE
0,165	0,311	0,007	0,012	0,237	FALSE
-0,065	0,319	-0,001	0,007	0,051	FALSE
0,114	0,304	0,003	0,010	0,122	FALSE
-0,138	0,311	-0,004	0,008	0,183	FALSE
-0,047	0,320	-0,001	0,006	0,037	FALSE
0,058	0,298	0,003	0,012	0,083	FALSE
-0,013	0,290	0,000	0,008	0,017	FALSE
0,029	0,302	0,001	0,010	0,043	FALSE
0,037	0,314	0,001	0,008	0,050	FALSE
-0,037	0,311	0,000	0,008	0,010	FALSE
-0,031	0,299	-0,001	0,007	0,028	FALSE
0,066	0,294	0,002	0,009	0,090	FALSE
0,029	0,312	0,001	0,011	0,030	FALSE
0,044	0,291	0,002	0,009	0,066	FALSE
-0,074	0,280	-0,003	0,010	0,142	FALSE
0,001	0,305	0,000	0,006	0,001	FALSE
-0,007	0,288	0,000	0,011	0,010	FALSE
-0,012	0,312	-0,001	0,011	0,048	FALSE
-0,027	0,308	-0,002	0,012	0,053	FALSE
0,032	0,312	0,001	0,012	0,022	FALSE
0,010	0,303	0,000	0,007	0,014	FALSE
-0,118	0,308	-0,004	0,011	0,167	FALSE
0,013	0,307	0,000	0,007	0,007	FALSE
0,039	0,301	0,001	0,010	0,031	FALSE
-0,002	0,309	0,000	0,010	0,008	FALSE
0,013	0,311	0,000	0,006	0,025	FALSE
-0,026	0,320	0,000	0,007	0,024	FALSE
-0,163	0,309	-0,004	0,009	0,213	FALSE
0,197	0,313	0,008	0,013	0,275	FALSE
0,065	0,307	0,001	0,007	0,052	FALSE
-0,230	0,291	-0,006	0,007	0,361	FALSE
-0,159	0,306	-0,005	0,009	0,228	FALSE
-0,167	0,304	-0,006	0,011	0,212	FALSE
-0,171	0,301	-0,005	0,008	0,264	FALSE
0,112	0,295	0,004	0,012	0,138	FALSE
0,049	0,307	0,002	0,013	0,054	FALSE
0,064	0,286	0,003	0,011	0,091	FALSE
0,102	0,299	0,004	0,012	0,137	FALSE
0,051	0,301	0,001	0,007	0,073	FALSE
-0,065	0,301	-0,004	0,013	0,105	FALSE
-0,001	0,319	0,000	0,008	0,012	FALSE

-0,017	0,308	0,000	0,009	0,014	FALSE
-0,027	0,317	-0,001	0,009	0,054	FALSE
0,072	0,304	0,001	0,007	0,081	FALSE
0,097	0,315	0,002	0,007	0,113	FALSE
0,008	0,301	0,000	0,006	0,025	FALSE
0,010	0,312	0,001	0,007	0,031	FALSE
0,212	0,301	0,008	0,011	0,324	FALSE
-0,111	0,298	-0,003	0,006	0,174	FALSE
0,004	0,316	0,000	0,007	0,000	FALSE
-0,073	0,308	-0,003	0,012	0,104	FALSE
-0,145	0,304	-0,003	0,007	0,201	FALSE
0,044	0,287	0,001	0,012	0,044	FALSE
-0,066	0,298	-0,001	0,009	0,057	FALSE
-0,016	0,304	0,000	0,012	0,012	FALSE
-0,025	0,293	0,000	0,009	0,019	FALSE
-0,152	0,313	-0,006	0,012	0,209	FALSE
-0,043	0,322	-0,001	0,008	0,037	FALSE
-0,025	0,296	-0,001	0,009	0,036	FALSE
0,115	0,305	0,004	0,010	0,154	FALSE
-0,011	0,294	0,000	0,006	0,010	FALSE
-0,014	0,325	-0,001	0,012	0,017	FALSE
0,105	0,308	0,004	0,012	0,122	FALSE
0,021	0,313	0,001	0,009	0,041	FALSE
0,107	0,304	0,006	0,013	0,184	FALSE
-0,045	0,315	-0,001	0,009	0,043	FALSE
-0,105	0,293	-0,004	0,012	0,151	FALSE
-0,145	0,301	-0,004	0,009	0,181	FALSE
-0,068	0,323	-0,002	0,008	0,071	FALSE
-0,080	0,298	-0,002	0,009	0,071	FALSE
-0,104	0,292	-0,003	0,010	0,115	FALSE
-0,048	0,314	-0,002	0,011	0,049	FALSE
-0,040	0,307	-0,001	0,011	0,031	FALSE
0,120	0,300	0,003	0,007	0,176	FALSE
0,017	0,294	0,001	0,007	0,037	FALSE
0,050	0,310	0,002	0,012	0,060	FALSE
-0,091	0,300	-0,002	0,008	0,118	FALSE
-0,111	0,285	-0,005	0,011	0,173	FALSE
-0,004	0,313	0,000	0,013	0,007	FALSE
-0,098	0,300	-0,003	0,008	0,120	FALSE
-0,061	0,323	-0,002	0,008	0,086	FALSE
-0,001	0,308	0,000	0,009	0,006	FALSE
0,066	0,302	0,001	0,008	0,061	FALSE
0,098	0,304	0,004	0,012	0,136	FALSE
-0,039	0,308	-0,002	0,012	0,047	FALSE
0,041	0,317	0,001	0,013	0,036	FALSE
0,040	0,293	0,001	0,007	0,030	FALSE
-0,012	0,318	0,000	0,009	0,010	FALSE
-0,035	0,304	-0,002	0,011	0,062	FALSE
-0,037	0,298	-0,001	0,010	0,032	FALSE
0,000	0,302	0,000	0,009	0,003	FALSE
-0,062	0,304	-0,001	0,007	0,048	FALSE
0,144	0,300	0,003	0,006	0,228	FALSE
-0,045	0,307	-0,001	0,009	0,058	FALSE

-0,046	0,318	-0,002	0,008	0,068	FALSE
0,007	0,304	0,001	0,011	0,027	FALSE
-0,060	0,310	-0,002	0,013	0,072	FALSE
-0,048	0,314	-0,001	0,008	0,066	FALSE
0,021	0,309	0,001	0,013	0,036	FALSE
-0,048	0,315	-0,003	0,013	0,074	FALSE
0,104	0,291	0,003	0,007	0,175	FALSE
-0,004	0,306	0,000	0,010	0,001	FALSE
0,019	0,312	0,001	0,007	0,052	FALSE
0,158	0,301	0,004	0,007	0,218	FALSE
-0,113	0,320	-0,003	0,010	0,111	FALSE
-0,034	0,310	0,000	0,011	0,009	FALSE
0,111	0,314	0,004	0,009	0,154	FALSE
0,037	0,308	0,001	0,010	0,027	FALSE
-0,027	0,301	-0,001	0,009	0,039	FALSE
0,060	0,318	0,002	0,009	0,097	FALSE
-0,022	0,308	0,000	0,009	0,012	FALSE
-0,061	0,307	-0,002	0,009	0,070	FALSE
0,069	0,312	0,001	0,008	0,073	FALSE
-0,117	0,307	-0,005	0,011	0,179	FALSE
-0,090	0,290	-0,003	0,011	0,111	FALSE
0,077	0,316	0,002	0,007	0,091	FALSE
0,055	0,306	0,002	0,007	0,092	FALSE
-0,111	0,306	-0,003	0,008	0,164	FALSE
-0,188	0,303	-0,007	0,011	0,271	FALSE
-0,061	0,313	-0,001	0,007	0,060	FALSE
-0,122	0,300	-0,003	0,006	0,167	FALSE
0,054	0,303	0,002	0,011	0,068	FALSE
0,099	0,306	0,004	0,013	0,113	FALSE
-0,077	0,298	-0,003	0,013	0,084	FALSE
0,066	0,312	0,003	0,012	0,081	FALSE
0,092	0,310	0,003	0,012	0,116	FALSE
0,079	0,304	0,003	0,011	0,114	FALSE
0,226	0,292	0,007	0,009	0,385	FALSE
0,082	0,307	0,002	0,007	0,097	FALSE
0,055	0,303	0,001	0,007	0,046	FALSE
0,021	0,318	0,000	0,008	0,017	FALSE
-0,035	0,299	-0,002	0,012	0,057	FALSE
0,074	0,304	0,002	0,009	0,073	FALSE
-0,129	0,315	-0,003	0,008	0,167	FALSE
-0,026	0,302	-0,001	0,007	0,038	FALSE
-0,092	0,311	-0,002	0,009	0,098	FALSE
0,093	0,317	0,004	0,010	0,142	FALSE
0,049	0,303	0,001	0,009	0,056	FALSE
-0,131	0,305	-0,006	0,012	0,209	FALSE
-0,069	0,323	-0,001	0,008	0,072	FALSE
-0,070	0,298	-0,003	0,012	0,086	FALSE
-0,028	0,309	-0,001	0,010	0,051	FALSE
-0,008	0,297	0,000	0,010	0,001	FALSE
-0,231	0,300	-0,007	0,010	0,338	FALSE
-0,134	0,317	-0,003	0,008	0,171	FALSE
0,049	0,312	0,001	0,007	0,045	FALSE
0,069	0,304	0,002	0,007	0,101	FALSE

-0,092	0,309	-0,002	0,006	0,122	FALSE
0,055	0,314	0,001	0,007	0,053	FALSE
0,025	0,303	0,000	0,007	0,008	FALSE
-0,048	0,307	-0,002	0,010	0,060	FALSE
0,003	0,313	-0,001	0,012	0,018	FALSE
0,004	0,319	0,000	0,012	0,005	FALSE
-0,012	0,317	0,000	0,009	0,017	FALSE
-0,085	0,296	-0,002	0,008	0,101	FALSE
-0,101	0,307	-0,003	0,010	0,120	FALSE
-0,008	0,315	0,000	0,007	0,006	FALSE
-0,165	0,323	-0,005	0,009	0,212	FALSE
-0,153	0,308	-0,006	0,011	0,219	FALSE
0,022	0,306	0,001	0,007	0,037	FALSE
-0,124	0,303	-0,003	0,007	0,152	FALSE
-0,002	0,309	0,000	0,009	0,017	FALSE
0,134	0,300	0,004	0,009	0,172	FALSE
-0,016	0,300	0,000	0,009	0,017	FALSE
0,132	0,308	0,006	0,013	0,186	FALSE
0,026	0,306	0,000	0,007	0,021	FALSE
0,052	0,305	0,002	0,013	0,060	FALSE
0,060	0,303	0,001	0,007	0,056	FALSE
-0,064	0,320	-0,002	0,008	0,081	FALSE
0,077	0,315	0,002	0,008	0,093	FALSE
-0,049	0,299	-0,001	0,011	0,041	FALSE
-0,003	0,307	0,000	0,010	0,012	FALSE
0,161	0,303	0,005	0,008	0,252	FALSE
0,101	0,306	0,003	0,008	0,131	FALSE
-0,049	0,305	-0,001	0,007	0,040	FALSE
-0,072	0,319	-0,001	0,008	0,057	FALSE
0,076	0,312	0,002	0,009	0,086	FALSE
0,097	0,296	0,003	0,011	0,103	FALSE
-0,169	0,309	-0,007	0,012	0,250	FALSE
0,014	0,319	0,000	0,012	0,005	FALSE
0,068	0,307	0,002	0,007	0,083	FALSE
0,092	0,290	0,004	0,012	0,115	FALSE
-0,172	0,290	-0,006	0,010	0,283	FALSE
-0,052	0,308	-0,001	0,007	0,040	FALSE
-0,071	0,318	-0,001	0,007	0,071	FALSE
-0,013	0,310	-0,001	0,011	0,025	FALSE
-0,027	0,309	-0,001	0,008	0,035	FALSE
0,037	0,304	0,002	0,013	0,058	FALSE
0,053	0,298	0,002	0,008	0,069	FALSE
0,087	0,302	0,001	0,007	0,076	FALSE
0,148	0,308	0,005	0,011	0,184	FALSE
0,158	0,299	0,003	0,007	0,187	FALSE
0,093	0,306	0,002	0,008	0,128	FALSE
-0,102	0,302	-0,003	0,009	0,140	FALSE
-0,075	0,313	-0,002	0,012	0,069	FALSE
0,136	0,308	0,007	0,013	0,215	FALSE
-0,064	0,310	-0,001	0,009	0,046	FALSE
0,017	0,304	0,001	0,006	0,029	FALSE
0,076	0,321	0,004	0,013	0,104	FALSE
0,080	0,303	0,003	0,013	0,091	FALSE

-0,125	0,314	-0,004	0,009	0,184	FALSE
0,119	0,299	0,005	0,012	0,179	FALSE
-0,059	0,319	-0,003	0,012	0,106	FALSE
-0,052	0,294	-0,002	0,008	0,069	FALSE
-0,026	0,316	-0,001	0,011	0,040	FALSE
-0,142	0,302	-0,003	0,007	0,179	FALSE
0,081	0,312	0,002	0,011	0,069	FALSE
0,082	0,292	0,003	0,011	0,096	FALSE
-0,001	0,297	0,000	0,007	0,024	FALSE
0,080	0,293	0,002	0,011	0,075	FALSE
0,026	0,304	0,002	0,012	0,046	FALSE
0,026	0,307	0,002	0,011	0,062	FALSE
-0,040	0,305	-0,001	0,008	0,036	FALSE
0,102	0,293	0,003	0,008	0,129	FALSE
-0,089	0,293	-0,002	0,008	0,085	FALSE
0,092	0,306	0,002	0,008	0,106	FALSE
-0,034	0,292	-0,001	0,010	0,039	FALSE
-0,027	0,309	-0,001	0,011	0,024	FALSE
-0,018	0,310	-0,001	0,013	0,028	FALSE
0,044	0,311	0,001	0,007	0,051	FALSE
0,004	0,322	0,000	0,013	0,000	FALSE
0,051	0,319	0,002	0,013	0,049	FALSE
0,092	0,317	0,003	0,010	0,124	FALSE
0,171	0,294	0,006	0,009	0,273	FALSE
-0,185	0,290	-0,004	0,006	0,297	FALSE
-0,070	0,301	-0,004	0,011	0,127	FALSE
-0,061	0,316	-0,002	0,008	0,093	FALSE
0,115	0,297	0,003	0,007	0,187	FALSE
-0,013	0,308	0,000	0,007	0,002	FALSE
-0,063	0,325	-0,002	0,009	0,063	FALSE
-0,019	0,313	-0,001	0,007	0,038	FALSE
0,082	0,303	0,001	0,007	0,073	FALSE
0,127	0,297	0,003	0,007	0,173	FALSE
0,076	0,325	0,002	0,008	0,112	FALSE
0,076	0,303	0,003	0,011	0,105	FALSE
-0,068	0,305	-0,002	0,007	0,084	FALSE
-0,011	0,321	-0,001	0,007	0,029	FALSE
-0,098	0,309	-0,003	0,008	0,129	FALSE
0,036	0,309	0,002	0,013	0,050	FALSE
0,049	0,332	0,002	0,013	0,072	FALSE
-0,041	0,320	-0,001	0,010	0,034	FALSE
0,058	0,300	0,002	0,009	0,065	FALSE
-0,115	0,308	-0,005	0,012	0,168	FALSE
0,074	0,313	0,003	0,010	0,112	FALSE
-0,078	0,308	-0,003	0,010	0,106	FALSE
-0,051	0,314	-0,002	0,011	0,056	FALSE
-0,157	0,305	-0,005	0,009	0,213	FALSE
0,120	0,295	0,003	0,009	0,154	FALSE
-0,027	0,279	0,000	0,013	0,013	FALSE
-0,067	0,307	-0,003	0,012	0,087	FALSE
0,071	0,297	0,004	0,012	0,129	FALSE
-0,031	0,320	-0,002	0,012	0,066	FALSE
-0,086	0,315	-0,004	0,013	0,134	FALSE

0,042	0,314	0,001	0,007	0,052	FALSE
0,006	0,288	0,000	0,008	0,019	FALSE
-0,080	0,301	-0,003	0,010	0,099	FALSE
-0,084	0,317	-0,002	0,008	0,098	FALSE
-0,085	0,307	-0,002	0,007	0,104	FALSE
-0,043	0,315	-0,001	0,007	0,050	FALSE
-0,010	0,297	0,000	0,010	0,013	FALSE
0,086	0,305	0,003	0,010	0,116	FALSE
0,168	0,292	0,005	0,008	0,266	FALSE
-0,015	0,320	-0,002	0,013	0,048	FALSE
-0,005	0,315	0,000	0,013	0,001	FALSE
0,058	0,310	0,002	0,011	0,057	FALSE
0,005	0,293	0,000	0,008	0,015	FALSE
0,071	0,312	0,002	0,013	0,058	FALSE
-0,159	0,306	-0,005	0,009	0,237	FALSE
-0,150	0,311	-0,005	0,010	0,205	FALSE
0,133	0,297	0,005	0,013	0,155	FALSE
-0,098	0,302	-0,004	0,013	0,110	FALSE
-0,036	0,313	-0,001	0,007	0,056	FALSE
0,053	0,308	0,001	0,007	0,077	FALSE
-0,009	0,303	0,000	0,008	0,006	FALSE
-0,151	0,317	-0,003	0,007	0,212	FALSE
0,003	0,307	0,000	0,007	0,008	FALSE
0,045	0,324	0,001	0,008	0,036	FALSE
0,037	0,307	0,001	0,008	0,047	FALSE
-0,145	0,309	-0,005	0,010	0,222	FALSE
0,225	0,313	0,008	0,011	0,315	FALSE
-0,134	0,302	-0,004	0,008	0,184	FALSE
-0,015	0,299	0,000	0,006	0,021	FALSE
-0,017	0,310	0,000	0,007	0,025	FALSE
0,063	0,315	0,001	0,007	0,081	FALSE
0,044	0,305	0,001	0,007	0,034	FALSE
0,178	0,296	0,007	0,012	0,267	FALSE
-0,074	0,310	-0,003	0,013	0,097	FALSE
0,046	0,296	0,002	0,012	0,065	FALSE
-0,127	0,306	-0,004	0,008	0,192	FALSE
-0,026	0,321	-0,001	0,012	0,016	FALSE
0,035	0,310	0,001	0,008	0,039	FALSE
-0,022	0,308	-0,002	0,011	0,049	FALSE
-0,035	0,306	-0,001	0,007	0,044	FALSE
-0,016	0,299	0,000	0,007	0,009	FALSE
0,113	0,314	0,003	0,007	0,170	FALSE
-0,004	0,317	0,000	0,008	0,008	FALSE
-0,059	0,313	-0,001	0,007	0,062	FALSE
0,114	0,310	0,003	0,007	0,179	FALSE
-0,023	0,304	-0,001	0,009	0,029	FALSE
0,010	0,295	0,001	0,009	0,020	FALSE
-0,111	0,307	-0,003	0,009	0,151	FALSE
0,093	0,303	0,002	0,006	0,099	FALSE
0,162	0,312	0,005	0,009	0,228	FALSE
0,156	0,298	0,004	0,007	0,234	FALSE
-0,062	0,306	-0,001	0,006	0,066	FALSE
0,136	0,303	0,004	0,009	0,168	FALSE

0,028	0,309	0,001	0,008	0,040	FALSE
0,066	0,320	0,002	0,009	0,073	FALSE
-0,113	0,311	-0,003	0,009	0,127	FALSE
-0,135	0,304	-0,005	0,012	0,166	FALSE
0,066	0,312	0,002	0,013	0,061	FALSE
0,098	0,306	0,003	0,009	0,111	FALSE
0,034	0,306	0,001	0,007	0,046	FALSE
-0,052	0,306	-0,002	0,010	0,071	FALSE
0,006	0,315	0,001	0,011	0,019	FALSE
-0,048	0,309	-0,001	0,010	0,041	FALSE
-0,003	0,310	0,000	0,009	0,006	FALSE
-0,049	0,316	-0,001	0,010	0,038	FALSE
-0,032	0,289	-0,001	0,009	0,038	FALSE
-0,026	0,305	-0,001	0,009	0,021	FALSE
0,217	0,293	0,005	0,007	0,343	FALSE
0,175	0,306	0,004	0,008	0,247	FALSE
0,014	0,293	0,001	0,008	0,042	FALSE
-0,008	0,306	0,000	0,009	0,020	FALSE
0,085	0,321	0,003	0,013	0,101	FALSE
0,116	0,306	0,004	0,011	0,133	FALSE
0,153	0,294	0,005	0,009	0,220	FALSE
0,103	0,307	0,005	0,013	0,162	FALSE
0,158	0,306	0,004	0,008	0,246	FALSE
0,025	0,315	0,001	0,007	0,057	FALSE
0,079	0,313	0,004	0,012	0,114	FALSE
-0,003	0,301	-0,001	0,013	0,019	FALSE
0,033	0,301	0,001	0,009	0,042	FALSE
0,043	0,308	0,001	0,013	0,020	FALSE
-0,028	0,318	-0,001	0,009	0,037	FALSE
0,122	0,305	0,002	0,007	0,141	FALSE
-0,099	0,300	-0,003	0,010	0,131	FALSE
0,006	0,309	0,000	0,007	0,021	FALSE
0,047	0,316	0,001	0,007	0,045	FALSE
-0,174	0,297	-0,005	0,009	0,264	FALSE
0,148	0,297	0,003	0,006	0,196	FALSE
-0,012	0,318	0,000	0,011	0,012	FALSE
-0,021	0,303	0,000	0,007	0,022	FALSE
0,106	0,295	0,003	0,010	0,135	FALSE
0,090	0,317	0,002	0,008	0,102	FALSE
0,064	0,285	0,001	0,008	0,038	FALSE
-0,050	0,305	-0,002	0,012	0,064	FALSE
0,062	0,299	0,002	0,007	0,108	FALSE
-0,180	0,309	-0,007	0,012	0,258	FALSE
-0,037	0,298	-0,003	0,012	0,086	FALSE
0,031	0,312	0,001	0,010	0,050	FALSE
0,025	0,306	0,001	0,010	0,046	FALSE
-0,046	0,316	-0,001	0,009	0,050	FALSE
-0,095	0,313	-0,003	0,012	0,103	FALSE
0,031	0,298	0,001	0,007	0,054	FALSE
-0,077	0,309	-0,002	0,008	0,104	FALSE
-0,093	0,304	-0,003	0,009	0,119	FALSE
0,023	0,292	0,000	0,012	0,001	FALSE
-0,141	0,301	-0,005	0,011	0,205	FALSE

-0,142	0,315	-0,006	0,012	0,203	FALSE
0,011	0,303	0,001	0,011	0,040	FALSE
-0,026	0,311	0,000	0,012	0,007	FALSE
0,090	0,305	0,002	0,006	0,133	FALSE
-0,135	0,310	-0,003	0,007	0,159	FALSE
0,023	0,304	0,001	0,008	0,030	FALSE
-0,016	0,301	-0,001	0,011	0,050	FALSE
-0,048	0,301	-0,003	0,010	0,107	FALSE
-0,029	0,306	-0,001	0,007	0,051	FALSE
-0,011	0,302	-0,001	0,007	0,030	FALSE
-0,015	0,317	-0,001	0,008	0,035	FALSE
0,025	0,304	0,000	0,007	0,014	FALSE
-0,056	0,302	-0,002	0,011	0,060	FALSE
-0,026	0,330	-0,001	0,011	0,034	FALSE
0,003	0,320	0,000	0,010	0,006	FALSE
0,021	0,316	0,001	0,007	0,050	FALSE
0,045	0,310	0,001	0,010	0,054	FALSE
-0,034	0,317	-0,002	0,012	0,053	FALSE
-0,092	0,315	-0,002	0,006	0,126	FALSE
0,007	0,319	0,000	0,013	0,013	FALSE
0,006	0,315	0,001	0,007	0,026	FALSE
0,117	0,316	0,004	0,008	0,171	FALSE
0,002	0,326	0,000	0,012	0,005	FALSE
-0,131	0,307	-0,004	0,009	0,181	FALSE
-0,071	0,320	-0,002	0,007	0,107	FALSE
-0,015	0,309	0,000	0,007	0,009	FALSE
0,024	0,305	0,001	0,006	0,042	FALSE
-0,006	0,302	0,000	0,011	0,009	FALSE
0,094	0,311	0,004	0,011	0,130	FALSE
0,027	0,304	0,001	0,008	0,026	FALSE
0,110	0,303	0,002	0,007	0,144	FALSE
-0,051	0,307	-0,002	0,008	0,074	FALSE
-0,183	0,300	-0,004	0,007	0,223	FALSE
-0,010	0,305	-0,001	0,012	0,015	FALSE
0,053	0,294	0,002	0,012	0,062	FALSE
-0,036	0,309	0,000	0,008	0,006	FALSE
-0,028	0,319	0,000	0,007	0,001	FALSE
-0,105	0,309	-0,003	0,009	0,128	FALSE
0,126	0,300	0,005	0,011	0,207	FALSE
0,122	0,301	0,003	0,009	0,146	FALSE
-0,005	0,304	0,000	0,010	0,010	FALSE
0,011	0,304	0,001	0,008	0,037	FALSE
-0,023	0,299	-0,001	0,010	0,040	FALSE
-0,005	0,306	0,000	0,012	0,005	FALSE
0,010	0,311	0,000	0,006	0,012	FALSE
-0,002	0,295	0,000	0,008	0,001	FALSE
0,023	0,311	0,000	0,009	0,005	FALSE
-0,059	0,294	-0,001	0,007	0,057	FALSE
-0,101	0,300	-0,004	0,012	0,117	FALSE
0,001	0,308	0,000	0,008	0,007	FALSE
0,037	0,300	0,002	0,012	0,061	FALSE
-0,090	0,305	-0,002	0,008	0,116	FALSE
-0,136	0,298	-0,003	0,008	0,166	FALSE

0,027	0,309	0,001	0,008	0,036	FALSE
0,030	0,309	0,002	0,012	0,049	FALSE
0,068	0,325	0,002	0,008	0,076	FALSE
0,141	0,302	0,007	0,012	0,252	FALSE
-0,070	0,302	-0,002	0,009	0,106	FALSE
-0,112	0,307	-0,003	0,008	0,156	FALSE
0,042	0,321	0,002	0,011	0,066	FALSE
-0,053	0,319	-0,003	0,012	0,093	FALSE
0,208	0,282	0,009	0,012	0,350	FALSE
0,184	0,296	0,008	0,012	0,294	FALSE
0,224	0,294	0,009	0,012	0,355	FALSE
-0,066	0,303	-0,002	0,009	0,101	FALSE
0,018	0,296	0,000	0,006	0,023	FALSE
-0,032	0,302	-0,001	0,007	0,038	FALSE
0,042	0,308	0,001	0,008	0,040	FALSE
-0,024	0,294	-0,001	0,009	0,043	FALSE
0,040	0,315	0,000	0,007	0,025	FALSE
0,093	0,299	0,004	0,010	0,138	FALSE
0,128	0,306	0,003	0,008	0,169	FALSE
0,074	0,305	0,003	0,010	0,105	FALSE
0,017	0,308	0,001	0,012	0,030	FALSE
-0,049	0,320	-0,002	0,013	0,044	FALSE
0,082	0,302	0,002	0,008	0,114	FALSE
-0,042	0,312	-0,001	0,007	0,033	FALSE
0,040	0,308	0,001	0,009	0,063	FALSE
-0,116	0,309	-0,005	0,013	0,172	FALSE
0,055	0,303	0,002	0,009	0,081	FALSE
-0,044	0,286	-0,001	0,007	0,041	FALSE
-0,080	0,282	-0,003	0,012	0,109	FALSE
-0,133	0,310	-0,006	0,013	0,181	FALSE
-0,139	0,309	-0,004	0,008	0,197	FALSE
0,064	0,298	0,002	0,008	0,092	FALSE
-0,003	0,307	-0,001	0,013	0,014	FALSE
-0,124	0,313	-0,004	0,011	0,158	FALSE
-0,097	0,297	-0,002	0,006	0,096	FALSE
0,091	0,306	0,003	0,010	0,102	FALSE
0,063	0,316	0,002	0,007	0,080	FALSE
0,097	0,297	0,004	0,011	0,132	FALSE
0,079	0,312	0,003	0,012	0,107	FALSE
0,068	0,309	0,003	0,012	0,089	FALSE
0,163	0,305	0,006	0,010	0,236	FALSE
0,098	0,318	0,003	0,010	0,103	FALSE
0,112	0,312	0,003	0,009	0,134	FALSE
0,091	0,314	0,003	0,010	0,109	FALSE
0,068	0,312	0,002	0,010	0,075	FALSE
0,019	0,308	0,000	0,009	0,018	FALSE
-0,034	0,313	-0,002	0,011	0,069	FALSE
0,054	0,303	0,002	0,012	0,073	FALSE
0,134	0,299	0,004	0,009	0,176	FALSE
-0,066	0,297	-0,001	0,006	0,086	FALSE
-0,020	0,303	-0,002	0,013	0,043	FALSE
-0,061	0,309	-0,001	0,007	0,053	FALSE
0,003	0,315	0,000	0,006	0,015	FALSE

0,080	0,318	0,002	0,007	0,089	FALSE
0,077	0,306	0,003	0,011	0,119	FALSE
-0,104	0,303	-0,004	0,012	0,143	FALSE
0,072	0,304	0,003	0,011	0,119	FALSE
0,025	0,316	0,001	0,010	0,026	FALSE
0,016	0,318	0,000	0,009	0,000	FALSE
0,030	0,301	0,001	0,008	0,024	FALSE
-0,045	0,317	-0,001	0,008	0,050	FALSE
0,023	0,311	0,001	0,011	0,036	FALSE
-0,029	0,314	-0,002	0,011	0,058	FALSE
-0,034	0,316	-0,001	0,012	0,033	FALSE
0,109	0,298	0,004	0,010	0,145	FALSE
-0,126	0,313	-0,004	0,010	0,162	FALSE
0,018	0,315	0,001	0,010	0,026	FALSE
-0,002	0,300	0,000	0,011	0,000	FALSE
-0,080	0,293	-0,003	0,011	0,119	FALSE
0,093	0,311	0,002	0,008	0,111	FALSE
-0,023	0,289	0,000	0,007	0,023	FALSE
0,010	0,302	0,001	0,012	0,031	FALSE
0,027	0,315	0,001	0,013	0,037	FALSE
0,012	0,304	0,000	0,010	0,003	FALSE
0,010	0,314	0,000	0,007	0,013	FALSE
-0,089	0,308	-0,003	0,011	0,086	FALSE
0,052	0,301	0,001	0,007	0,058	FALSE
0,053	0,308	0,002	0,009	0,074	FALSE
-0,020	0,306	0,000	0,006	0,008	FALSE
-0,027	0,303	0,000	0,006	0,017	FALSE
-0,006	0,309	0,000	0,006	0,003	FALSE
-0,058	0,323	-0,002	0,012	0,073	FALSE
-0,090	0,298	-0,003	0,009	0,114	FALSE
0,039	0,310	0,001	0,007	0,055	FALSE
0,054	0,309	0,002	0,012	0,059	FALSE
0,105	0,302	0,003	0,008	0,131	FALSE
-0,174	0,309	-0,009	0,013	0,302	FALSE
-0,059	0,317	-0,001	0,008	0,054	FALSE
0,085	0,317	0,002	0,007	0,122	FALSE
-0,030	0,315	-0,001	0,008	0,054	FALSE
0,175	0,287	0,004	0,008	0,220	FALSE
-0,131	0,301	-0,005	0,013	0,152	FALSE
0,143	0,307	0,005	0,009	0,218	FALSE
-0,038	0,306	-0,001	0,012	0,028	FALSE
-0,073	0,303	-0,002	0,007	0,082	FALSE
0,041	0,313	0,001	0,008	0,025	FALSE
-0,082	0,311	-0,003	0,010	0,138	FALSE
-0,070	0,294	-0,003	0,011	0,084	FALSE
-0,100	0,310	-0,002	0,007	0,114	FALSE
0,108	0,310	0,003	0,008	0,161	FALSE
0,010	0,324	0,000	0,010	0,011	FALSE
0,010	0,320	0,001	0,008	0,026	FALSE
0,001	0,307	-0,001	0,009	0,032	FALSE
-0,057	0,310	-0,003	0,013	0,083	FALSE
-0,072	0,294	-0,002	0,006	0,117	FALSE
-0,016	0,310	-0,001	0,011	0,018	FALSE

0,111	0,304	0,003	0,009	0,157	FALSE
0,004	0,308	-0,001	0,010	0,021	FALSE
-0,058	0,314	-0,002	0,011	0,070	FALSE
-0,035	0,298	-0,002	0,012	0,060	FALSE
0,045	0,307	0,001	0,011	0,038	FALSE
-0,008	0,309	-0,001	0,009	0,031	FALSE
-0,024	0,315	0,000	0,009	0,009	FALSE
0,126	0,312	0,004	0,008	0,199	FALSE
0,110	0,282	0,002	0,007	0,141	FALSE
0,072	0,321	0,002	0,007	0,103	FALSE
0,243	0,307	0,008	0,011	0,351	FALSE
0,150	0,303	0,007	0,013	0,228	FALSE
0,140	0,308	0,006	0,011	0,216	FALSE
0,035	0,309	0,001	0,011	0,035	FALSE
-0,108	0,297	-0,004	0,010	0,174	FALSE
-0,130	0,304	-0,003	0,007	0,178	FALSE
0,058	0,302	0,002	0,008	0,079	FALSE
0,034	0,302	0,001	0,006	0,062	FALSE
-0,015	0,297	-0,001	0,008	0,025	FALSE
-0,069	0,307	-0,002	0,007	0,110	FALSE
-0,081	0,313	-0,002	0,006	0,137	FALSE
0,083	0,317	0,002	0,011	0,083	FALSE
-0,007	0,314	0,000	0,013	0,002	FALSE
-0,126	0,305	-0,003	0,008	0,161	FALSE
-0,129	0,313	-0,005	0,012	0,176	FALSE
-0,049	0,289	-0,002	0,012	0,075	FALSE
-0,014	0,313	0,000	0,006	0,013	FALSE
0,060	0,305	0,002	0,009	0,097	FALSE
0,093	0,310	0,003	0,013	0,103	FALSE
-0,039	0,316	-0,001	0,009	0,051	FALSE
-0,004	0,303	0,000	0,009	0,005	FALSE
0,050	0,298	0,002	0,009	0,090	FALSE
0,074	0,303	0,003	0,009	0,124	FALSE
0,087	0,310	0,003	0,009	0,137	FALSE
-0,062	0,301	-0,003	0,012	0,091	FALSE
-0,043	0,296	-0,001	0,008	0,047	FALSE
-0,089	0,314	-0,002	0,008	0,092	FALSE
0,093	0,320	0,002	0,008	0,118	FALSE
0,040	0,294	0,000	0,007	0,005	FALSE
0,010	0,311	0,001	0,007	0,034	FALSE
-0,037	0,330	-0,002	0,012	0,064	FALSE
-0,042	0,310	-0,002	0,012	0,080	FALSE
-0,063	0,308	-0,003	0,012	0,101	FALSE
-0,009	0,319	-0,001	0,011	0,023	FALSE
0,059	0,304	0,003	0,012	0,105	FALSE
-0,047	0,303	-0,002	0,011	0,080	FALSE
0,026	0,299	0,000	0,006	0,026	FALSE
0,028	0,316	0,001	0,011	0,044	FALSE
-0,074	0,312	-0,001	0,007	0,077	FALSE
-0,063	0,295	-0,001	0,009	0,062	FALSE
0,016	0,315	0,000	0,007	0,014	FALSE
-0,036	0,302	-0,003	0,012	0,089	FALSE
0,056	0,309	0,002	0,008	0,076	FALSE

0,094	0,318	0,003	0,013	0,100	FALSE
-0,153	0,290	-0,006	0,013	0,209	FALSE
0,160	0,303	0,005	0,011	0,197	FALSE
-0,083	0,303	-0,004	0,012	0,139	FALSE
0,049	0,300	0,001	0,007	0,054	FALSE
0,166	0,301	0,005	0,009	0,239	FALSE
-0,048	0,308	-0,002	0,010	0,069	FALSE
-0,048	0,318	-0,002	0,012	0,059	FALSE
-0,082	0,300	-0,002	0,007	0,099	FALSE
0,089	0,292	0,004	0,012	0,119	FALSE
-0,169	0,307	-0,003	0,007	0,213	FALSE
0,011	0,314	0,000	0,011	0,008	FALSE
0,011	0,306	0,001	0,007	0,038	FALSE
-0,050	0,306	-0,001	0,009	0,050	FALSE
-0,025	0,309	-0,001	0,011	0,032	FALSE
0,019	0,310	0,000	0,009	0,004	FALSE
-0,036	0,322	-0,001	0,007	0,033	FALSE
0,076	0,303	0,003	0,011	0,099	FALSE
0,081	0,299	0,003	0,011	0,107	FALSE
-0,089	0,310	-0,003	0,012	0,113	FALSE
0,003	0,298	0,001	0,010	0,035	FALSE
-0,116	0,309	-0,004	0,010	0,150	FALSE
0,095	0,299	0,004	0,013	0,109	FALSE
0,078	0,294	0,002	0,008	0,094	FALSE
0,130	0,298	0,005	0,012	0,187	FALSE
0,160	0,301	0,007	0,012	0,246	FALSE
0,138	0,302	0,006	0,011	0,220	FALSE
-0,010	0,310	0,000	0,008	0,004	FALSE
-0,006	0,298	0,000	0,007	0,005	FALSE
-0,004	0,310	0,000	0,007	0,017	FALSE
-0,020	0,305	0,000	0,012	0,003	FALSE
-0,046	0,307	-0,002	0,011	0,078	FALSE
0,051	0,305	0,002	0,010	0,081	FALSE
-0,080	0,309	-0,002	0,008	0,085	FALSE
0,054	0,302	0,001	0,007	0,052	FALSE
0,006	0,306	0,000	0,011	0,011	FALSE
-0,014	0,309	0,000	0,012	0,005	FALSE
-0,059	0,304	-0,002	0,008	0,078	FALSE
-0,020	0,298	-0,001	0,009	0,022	FALSE
0,000	0,305	0,000	0,010	0,005	FALSE
-0,066	0,313	-0,001	0,007	0,067	FALSE
0,009	0,304	0,000	0,011	0,003	FALSE
-0,109	0,306	-0,002	0,006	0,136	FALSE
-0,080	0,307	-0,003	0,013	0,089	FALSE
-0,190	0,278	-0,008	0,012	0,311	FALSE
-0,001	0,304	0,000	0,013	0,002	FALSE
0,055	0,312	0,002	0,013	0,067	FALSE
-0,123	0,301	-0,005	0,010	0,221	FALSE
0,100	0,300	0,004	0,011	0,150	FALSE
0,043	0,305	0,001	0,013	0,022	FALSE
0,005	0,307	0,000	0,006	0,003	FALSE
0,092	0,302	0,002	0,006	0,137	FALSE
0,007	0,303	-0,001	0,011	0,023	FALSE

-0,090	0,310	-0,002	0,009	0,101	FALSE
0,009	0,307	0,001	0,009	0,038	FALSE
0,073	0,302	0,001	0,006	0,087	FALSE
-0,114	0,296	-0,004	0,012	0,137	FALSE
0,072	0,311	0,003	0,010	0,099	FALSE
-0,001	0,305	0,001	0,011	0,028	FALSE
-0,141	0,307	-0,003	0,008	0,144	FALSE
0,106	0,302	0,004	0,009	0,177	FALSE
-0,158	0,305	-0,005	0,010	0,208	FALSE
-0,015	0,308	0,000	0,007	0,021	FALSE
-0,015	0,306	-0,001	0,010	0,027	FALSE
-0,057	0,302	-0,002	0,009	0,065	FALSE
-0,064	0,302	-0,002	0,010	0,085	FALSE
0,128	0,322	0,002	0,006	0,122	FALSE
-0,019	0,288	-0,001	0,012	0,034	FALSE
0,091	0,306	0,002	0,010	0,082	FALSE
0,028	0,297	0,002	0,012	0,057	FALSE
0,087	0,312	0,002	0,007	0,117	FALSE
-0,015	0,303	-0,001	0,007	0,033	FALSE
0,031	0,301	0,002	0,012	0,067	FALSE
0,018	0,314	0,001	0,012	0,017	FALSE
-0,025	0,304	-0,001	0,011	0,027	FALSE
0,098	0,308	0,003	0,007	0,148	FALSE
-0,063	0,283	-0,002	0,011	0,059	FALSE
0,017	0,294	0,001	0,009	0,024	FALSE
-0,093	0,305	-0,003	0,007	0,137	FALSE
-0,023	0,313	0,000	0,012	0,009	FALSE
-0,058	0,295	-0,001	0,008	0,069	FALSE
0,093	0,312	0,003	0,011	0,097	FALSE
0,045	0,310	0,002	0,013	0,058	FALSE
-0,042	0,301	-0,001	0,011	0,036	FALSE
0,067	0,300	0,003	0,013	0,086	FALSE
0,032	0,302	0,001	0,006	0,069	FALSE
0,016	0,294	0,002	0,013	0,055	FALSE
0,043	0,307	0,002	0,012	0,064	FALSE
0,043	0,311	0,002	0,013	0,067	FALSE
0,053	0,300	0,003	0,012	0,081	FALSE
0,069	0,297	0,003	0,011	0,098	FALSE
0,036	0,313	0,001	0,007	0,039	FALSE
-0,088	0,301	-0,002	0,007	0,111	FALSE
0,116	0,296	0,003	0,007	0,174	FALSE
-0,169	0,298	-0,004	0,008	0,224	FALSE
0,144	0,298	0,004	0,008	0,180	FALSE
-0,078	0,306	-0,001	0,006	0,083	FALSE
-0,215	0,291	-0,006	0,009	0,324	FALSE
-0,088	0,305	-0,004	0,012	0,138	FALSE
0,022	0,321	0,000	0,007	0,023	FALSE
0,084	0,311	0,002	0,009	0,092	FALSE
0,014	0,293	0,000	0,006	0,006	FALSE
-0,072	0,307	-0,003	0,012	0,078	FALSE
-0,056	0,317	-0,002	0,007	0,082	FALSE
0,010	0,318	0,000	0,009	0,017	FALSE
-0,094	0,312	-0,003	0,008	0,138	FALSE

-0,080	0,304	-0,002	0,009	0,098	FALSE
-0,047	0,313	-0,002	0,010	0,056	FALSE
0,075	0,314	0,002	0,013	0,053	FALSE
0,062	0,313	0,002	0,008	0,107	FALSE
0,011	0,301	0,001	0,012	0,027	FALSE
-0,035	0,303	-0,001	0,011	0,030	FALSE
0,090	0,289	0,003	0,009	0,159	FALSE
-0,048	0,305	-0,003	0,013	0,084	FALSE
0,003	0,302	0,001	0,008	0,026	FALSE
-0,003	0,297	-0,001	0,011	0,033	FALSE
0,058	0,306	0,001	0,012	0,040	FALSE
0,022	0,310	0,001	0,012	0,041	FALSE
0,020	0,305	0,001	0,010	0,029	FALSE
-0,111	0,305	-0,003	0,008	0,154	FALSE
0,013	0,309	0,001	0,012	0,025	FALSE
0,042	0,304	0,002	0,012	0,056	FALSE
-0,097	0,316	-0,002	0,007	0,124	FALSE
0,063	0,312	0,002	0,011	0,074	FALSE
-0,030	0,313	-0,001	0,011	0,029	FALSE
0,023	0,307	0,000	0,009	0,019	FALSE
-0,152	0,300	-0,005	0,010	0,211	FALSE
-0,009	0,318	0,000	0,009	0,004	FALSE
0,009	0,307	0,001	0,012	0,017	FALSE
0,038	0,312	0,002	0,012	0,070	FALSE
0,047	0,285	0,002	0,011	0,077	FALSE
0,041	0,307	0,001	0,011	0,044	FALSE
0,043	0,315	0,002	0,012	0,057	FALSE
0,010	0,302	0,000	0,006	0,011	FALSE
0,118	0,303	0,004	0,009	0,181	FALSE
0,031	0,315	0,001	0,011	0,037	FALSE
0,070	0,311	0,002	0,011	0,077	FALSE
-0,036	0,297	-0,001	0,010	0,038	FALSE
0,092	0,304	0,002	0,006	0,121	FALSE
-0,017	0,312	-0,001	0,009	0,024	FALSE
0,085	0,306	0,001	0,007	0,076	FALSE
0,059	0,296	0,002	0,007	0,121	FALSE
-0,089	0,290	-0,002	0,009	0,082	FALSE
-0,067	0,305	-0,002	0,007	0,100	FALSE
-0,034	0,298	-0,001	0,006	0,057	FALSE
0,056	0,312	0,002	0,007	0,084	FALSE
0,137	0,306	0,004	0,008	0,193	FALSE
0,023	0,302	0,001	0,008	0,030	FALSE
0,117	0,300	0,003	0,008	0,130	FALSE
0,076	0,297	0,002	0,007	0,120	FALSE
0,013	0,303	0,001	0,011	0,026	FALSE
0,069	0,305	0,003	0,013	0,092	FALSE
-0,003	0,301	0,000	0,009	0,008	FALSE
-0,016	0,307	-0,001	0,011	0,018	FALSE
-0,096	0,311	-0,003	0,009	0,142	FALSE
-0,066	0,301	-0,002	0,009	0,077	FALSE
-0,015	0,307	0,000	0,008	0,014	FALSE
0,089	0,310	0,003	0,010	0,105	FALSE
-0,009	0,310	-0,001	0,011	0,033	FALSE

0,146	0,317	0,005	0,010	0,219	FALSE
-0,129	0,295	-0,004	0,008	0,185	FALSE
0,086	0,303	0,003	0,012	0,102	FALSE
0,086	0,315	0,003	0,012	0,109	FALSE
-0,085	0,301	-0,004	0,012	0,145	FALSE
0,098	0,292	0,002	0,008	0,106	FALSE
-0,008	0,306	-0,001	0,011	0,017	FALSE
0,009	0,321	0,000	0,013	0,009	FALSE
0,052	0,300	0,003	0,013	0,088	FALSE
-0,032	0,320	-0,002	0,013	0,060	FALSE
0,051	0,319	0,001	0,009	0,052	FALSE
-0,008	0,301	0,000	0,009	0,010	FALSE
0,050	0,304	0,001	0,008	0,035	FALSE
-0,001	0,318	0,000	0,009	0,019	FALSE
0,011	0,318	0,000	0,012	0,003	FALSE
0,121	0,306	0,004	0,010	0,180	FALSE
-0,124	0,306	-0,004	0,010	0,164	FALSE
-0,060	0,297	-0,002	0,008	0,084	FALSE
0,039	0,305	0,001	0,008	0,044	FALSE
-0,027	0,309	0,000	0,012	0,008	FALSE
0,002	0,301	0,001	0,012	0,039	FALSE
0,022	0,308	0,001	0,011	0,024	FALSE
-0,024	0,314	-0,001	0,012	0,021	FALSE
-0,001	0,308	0,000	0,012	0,010	FALSE
0,064	0,309	0,002	0,010	0,077	FALSE
-0,097	0,296	-0,002	0,007	0,111	FALSE
0,201	0,296	0,004	0,006	0,322	FALSE
-0,045	0,315	-0,001	0,007	0,058	FALSE
-0,046	0,297	-0,001	0,006	0,054	FALSE
-0,069	0,300	-0,001	0,006	0,081	FALSE
-0,023	0,309	0,000	0,008	0,014	FALSE
-0,195	0,295	-0,009	0,012	0,349	FALSE
0,012	0,306	0,000	0,008	0,014	FALSE
0,013	0,311	0,001	0,012	0,021	FALSE
-0,112	0,312	-0,002	0,006	0,150	FALSE
0,070	0,313	0,001	0,007	0,066	FALSE
-0,009	0,306	0,000	0,012	0,006	FALSE
0,012	0,307	0,001	0,011	0,018	FALSE
0,123	0,289	0,005	0,010	0,194	FALSE
0,002	0,308	0,000	0,013	0,011	FALSE
0,057	0,311	0,001	0,010	0,052	FALSE
0,079	0,307	0,003	0,012	0,109	FALSE
-0,066	0,310	-0,003	0,011	0,084	FALSE
0,025	0,299	0,001	0,008	0,026	FALSE
0,043	0,310	0,001	0,010	0,050	FALSE
0,080	0,303	0,003	0,012	0,107	FALSE
-0,034	0,296	-0,001	0,008	0,039	FALSE
-0,145	0,300	-0,006	0,012	0,208	FALSE
-0,104	0,297	-0,003	0,008	0,157	FALSE
-0,139	0,301	-0,004	0,008	0,200	FALSE
-0,002	0,315	-0,001	0,012	0,018	FALSE
0,001	0,301	-0,001	0,009	0,035	FALSE
-0,056	0,306	-0,002	0,011	0,061	FALSE

-0,069	0,296	-0,003	0,012	0,087	FALSE
-0,073	0,303	-0,003	0,013	0,101	FALSE
-0,055	0,308	-0,002	0,013	0,069	FALSE
0,083	0,306	0,002	0,007	0,082	FALSE
0,064	0,307	0,002	0,012	0,058	FALSE
0,062	0,307	0,002	0,012	0,072	FALSE
-0,162	0,319	-0,007	0,013	0,231	FALSE
-0,027	0,308	-0,001	0,009	0,051	FALSE
-0,066	0,299	-0,001	0,006	0,086	FALSE
0,004	0,306	0,001	0,012	0,026	FALSE
0,019	0,294	0,000	0,012	0,011	FALSE
-0,042	0,305	-0,002	0,010	0,066	FALSE
-0,069	0,318	-0,002	0,006	0,110	FALSE
-0,021	0,312	-0,001	0,007	0,049	FALSE
-0,074	0,308	-0,004	0,013	0,106	FALSE
-0,074	0,309	-0,003	0,010	0,100	FALSE
0,008	0,306	0,000	0,006	0,010	FALSE
-0,018	0,306	0,000	0,007	0,019	FALSE
-0,106	0,301	-0,003	0,010	0,103	FALSE
-0,033	0,303	-0,002	0,009	0,066	FALSE
-0,142	0,315	-0,006	0,013	0,185	FALSE
-0,193	0,311	-0,007	0,011	0,256	FALSE
-0,022	0,313	-0,001	0,011	0,018	FALSE
-0,055	0,320	-0,002	0,008	0,073	FALSE
-0,113	0,291	-0,003	0,008	0,145	FALSE
-0,123	0,310	-0,004	0,009	0,168	FALSE
0,006	0,307	0,000	0,008	0,016	FALSE
-0,098	0,304	-0,004	0,013	0,142	FALSE
-0,072	0,303	-0,002	0,009	0,089	FALSE
-0,116	0,298	-0,004	0,010	0,172	FALSE
-0,125	0,282	-0,004	0,009	0,194	FALSE
-0,007	0,316	0,000	0,010	0,000	FALSE
0,156	0,296	0,003	0,007	0,224	FALSE
-0,024	0,312	-0,001	0,009	0,028	FALSE
0,061	0,306	0,003	0,011	0,088	FALSE
-0,071	0,296	-0,003	0,012	0,101	FALSE
0,003	0,309	0,000	0,010	0,017	FALSE
-0,039	0,309	-0,002	0,007	0,075	FALSE
0,051	0,292	0,002	0,012	0,067	FALSE
0,019	0,296	0,000	0,007	0,027	FALSE
-0,007	0,305	-0,001	0,008	0,024	FALSE
-0,075	0,312	-0,002	0,008	0,088	FALSE
-0,057	0,304	-0,002	0,013	0,064	FALSE
0,047	0,309	0,002	0,012	0,056	FALSE
0,062	0,305	0,002	0,006	0,090	FALSE
0,058	0,318	0,002	0,008	0,071	FALSE
0,124	0,305	0,004	0,009	0,182	FALSE
-0,076	0,297	-0,003	0,013	0,099	FALSE
-0,084	0,298	-0,004	0,013	0,136	FALSE
0,075	0,310	0,004	0,012	0,112	FALSE
-0,049	0,304	-0,003	0,012	0,094	FALSE
-0,059	0,326	-0,001	0,007	0,078	FALSE
0,051	0,301	0,001	0,006	0,063	FALSE

0,058	0,294	0,002	0,012	0,072	FALSE
-0,078	0,306	-0,005	0,013	0,144	FALSE
0,058	0,310	0,002	0,011	0,073	FALSE
-0,094	0,319	-0,004	0,011	0,132	FALSE
0,017	0,309	0,001	0,006	0,037	FALSE
-0,061	0,307	-0,003	0,013	0,090	FALSE
-0,084	0,296	-0,003	0,012	0,088	FALSE
-0,051	0,301	-0,002	0,012	0,044	FALSE
0,048	0,302	0,002	0,011	0,067	FALSE
-0,013	0,292	0,000	0,009	0,017	FALSE
-0,115	0,311	-0,004	0,011	0,128	FALSE
-0,081	0,312	-0,003	0,011	0,090	FALSE
-0,106	0,287	-0,004	0,012	0,137	FALSE
-0,035	0,322	-0,001	0,011	0,038	FALSE
-0,028	0,301	0,000	0,006	0,007	FALSE
-0,027	0,314	0,000	0,006	0,003	FALSE
0,066	0,303	0,003	0,012	0,101	FALSE
0,018	0,299	0,001	0,012	0,044	FALSE
-0,004	0,316	0,000	0,008	0,015	FALSE
0,005	0,297	0,000	0,006	0,028	FALSE
0,037	0,318	0,001	0,007	0,077	FALSE
-0,022	0,320	-0,001	0,009	0,020	FALSE
0,008	0,313	0,000	0,012	0,003	FALSE
-0,005	0,313	0,000	0,008	0,009	FALSE
0,095	0,297	0,002	0,008	0,077	FALSE
-0,053	0,302	-0,002	0,010	0,079	FALSE
0,127	0,294	0,006	0,011	0,214	FALSE
-0,149	0,289	-0,006	0,012	0,225	FALSE
0,224	0,301	0,009	0,012	0,338	FALSE
0,317	0,283	0,013	0,011	0,614	FALSE
-0,150	0,306	-0,004	0,009	0,218	FALSE
0,084	0,310	0,002	0,008	0,125	FALSE
0,040	0,304	0,001	0,011	0,035	FALSE
0,005	0,295	0,000	0,008	0,013	FALSE
0,052	0,308	0,002	0,009	0,064	FALSE
0,035	0,310	0,002	0,011	0,054	FALSE
-0,089	0,300	-0,004	0,012	0,127	FALSE
-0,015	0,305	0,000	0,012	0,009	FALSE
0,039	0,291	0,002	0,011	0,065	FALSE
-0,002	0,295	0,000	0,008	0,007	FALSE
0,037	0,303	0,002	0,011	0,060	FALSE
0,089	0,308	0,002	0,007	0,091	FALSE
-0,008	0,293	-0,001	0,007	0,025	FALSE
0,024	0,306	0,001	0,007	0,027	FALSE
0,041	0,310	0,001	0,006	0,034	FALSE
0,038	0,324	0,001	0,007	0,042	FALSE
-0,083	0,299	-0,003	0,011	0,115	FALSE
-0,193	0,290	-0,008	0,012	0,267	FALSE
-0,171	0,302	-0,005	0,009	0,232	FALSE
-0,158	0,302	-0,004	0,009	0,210	FALSE
0,104	0,310	0,003	0,010	0,133	FALSE
-0,169	0,301	-0,005	0,009	0,207	FALSE
-0,046	0,311	-0,001	0,010	0,036	FALSE

-0,017	0,307	0,000	0,013	0,012	FALSE
-0,039	0,307	-0,001	0,007	0,027	FALSE
0,164	0,290	0,007	0,012	0,262	FALSE
0,012	0,313	0,001	0,013	0,019	FALSE
0,030	0,309	0,001	0,008	0,026	FALSE
-0,112	0,301	-0,004	0,010	0,141	FALSE
0,082	0,304	0,003	0,010	0,130	FALSE
-0,025	0,314	-0,001	0,012	0,018	FALSE
0,103	0,307	0,004	0,013	0,135	FALSE
0,099	0,312	0,003	0,008	0,125	FALSE
-0,011	0,312	0,001	0,007	0,029	FALSE
0,065	0,320	0,002	0,012	0,075	FALSE
0,128	0,301	0,005	0,011	0,183	FALSE
0,111	0,306	0,004	0,010	0,145	FALSE
0,163	0,312	0,005	0,009	0,259	FALSE
-0,075	0,300	-0,003	0,010	0,094	FALSE
0,142	0,302	0,007	0,013	0,220	FALSE
-0,012	0,301	-0,002	0,013	0,054	FALSE
0,006	0,301	0,001	0,012	0,021	FALSE
0,056	0,315	0,001	0,009	0,057	FALSE
0,054	0,310	0,002	0,009	0,062	FALSE
0,043	0,303	0,001	0,009	0,050	FALSE
-0,093	0,303	-0,003	0,008	0,141	FALSE
0,030	0,300	0,001	0,010	0,037	FALSE
0,069	0,298	0,001	0,007	0,075	FALSE
0,021	0,313	0,001	0,010	0,042	FALSE
-0,012	0,321	-0,001	0,009	0,030	FALSE
-0,150	0,316	-0,006	0,013	0,204	FALSE
-0,056	0,304	-0,001	0,010	0,043	FALSE
0,100	0,311	0,002	0,007	0,109	FALSE
-0,036	0,298	-0,002	0,008	0,073	FALSE
-0,027	0,297	-0,001	0,007	0,027	FALSE
-0,046	0,316	-0,001	0,011	0,044	FALSE
-0,002	0,309	0,001	0,009	0,025	FALSE
0,009	0,313	0,000	0,007	0,017	FALSE
0,104	0,304	0,004	0,012	0,136	FALSE
0,025	0,321	0,001	0,008	0,027	FALSE
0,008	0,311	0,001	0,013	0,041	FALSE
0,050	0,301	0,001	0,011	0,038	FALSE
-0,131	0,310	-0,004	0,009	0,159	FALSE
0,102	0,298	0,002	0,006	0,101	FALSE
-0,037	0,310	0,000	0,006	0,020	FALSE
0,033	0,303	0,001	0,007	0,063	FALSE
-0,007	0,308	0,000	0,008	0,004	FALSE
-0,020	0,321	0,000	0,008	0,018	FALSE
0,108	0,303	0,003	0,006	0,176	FALSE
0,198	0,291	0,009	0,012	0,339	FALSE
-0,030	0,320	-0,001	0,008	0,061	FALSE
-0,033	0,312	0,000	0,008	0,016	FALSE
0,079	0,298	0,002	0,006	0,111	FALSE
0,012	0,306	0,001	0,008	0,038	FALSE
0,067	0,313	0,002	0,007	0,090	FALSE
-0,009	0,290	-0,001	0,013	0,015	FALSE

0,015	0,290	0,001	0,013	0,024	FALSE
-0,040	0,301	-0,002	0,013	0,059	FALSE
0,036	0,298	0,002	0,011	0,052	FALSE
-0,060	0,307	-0,002	0,013	0,047	FALSE
0,046	0,320	0,002	0,013	0,069	FALSE
-0,067	0,317	-0,002	0,009	0,073	FALSE
-0,038	0,301	-0,001	0,007	0,071	FALSE
-0,087	0,305	-0,002	0,007	0,117	FALSE
0,078	0,319	0,003	0,013	0,074	FALSE
0,088	0,298	0,003	0,010	0,108	FALSE
0,084	0,302	0,004	0,012	0,143	FALSE
-0,005	0,301	0,000	0,010	0,001	FALSE
0,032	0,290	0,002	0,012	0,055	FALSE
0,046	0,285	0,002	0,012	0,064	FALSE
-0,047	0,312	-0,001	0,007	0,057	FALSE
-0,065	0,302	-0,004	0,013	0,112	FALSE
-0,070	0,312	-0,002	0,009	0,094	FALSE
0,035	0,303	0,001	0,008	0,037	FALSE
-0,012	0,314	0,000	0,007	0,016	FALSE
-0,069	0,306	-0,002	0,008	0,087	FALSE
0,122	0,306	0,004	0,011	0,134	FALSE
-0,020	0,306	-0,001	0,006	0,048	FALSE
-0,104	0,313	-0,002	0,008	0,117	FALSE
-0,066	0,317	-0,002	0,008	0,075	FALSE
0,043	0,310	0,002	0,011	0,074	FALSE
0,056	0,319	0,002	0,008	0,069	FALSE
-0,012	0,307	-0,001	0,011	0,017	FALSE
0,108	0,301	0,002	0,006	0,144	FALSE
-0,054	0,294	-0,001	0,006	0,077	FALSE
-0,044	0,305	-0,001	0,006	0,057	FALSE
0,029	0,302	0,000	0,009	0,010	FALSE
0,055	0,308	0,001	0,009	0,041	FALSE
-0,154	0,314	-0,004	0,008	0,214	FALSE
-0,166	0,309	-0,005	0,008	0,237	FALSE
0,004	0,316	0,000	0,011	0,004	FALSE
0,020	0,299	0,001	0,009	0,024	FALSE
-0,024	0,298	-0,001	0,007	0,042	FALSE
0,030	0,307	0,002	0,009	0,063	FALSE
-0,049	0,307	-0,001	0,007	0,070	FALSE
-0,011	0,311	0,000	0,009	0,017	FALSE
-0,066	0,302	-0,002	0,009	0,076	FALSE
-0,144	0,290	-0,004	0,008	0,191	FALSE
0,053	0,317	0,001	0,012	0,032	FALSE
0,023	0,298	0,001	0,011	0,033	FALSE
-0,114	0,309	-0,002	0,007	0,119	FALSE
-0,038	0,308	-0,002	0,010	0,056	FALSE
0,022	0,316	0,001	0,012	0,022	FALSE
0,041	0,306	0,002	0,009	0,068	FALSE
0,040	0,299	0,001	0,008	0,052	FALSE
-0,074	0,296	-0,001	0,006	0,075	FALSE
0,024	0,316	0,001	0,007	0,036	FALSE
0,055	0,298	0,001	0,008	0,064	FALSE
-0,099	0,312	-0,005	0,013	0,151	FALSE

-0,023	0,300	0,000	0,006	0,015	FALSE
-0,063	0,324	-0,002	0,008	0,097	FALSE
-0,182	0,294	-0,007	0,012	0,252	FALSE
-0,044	0,292	-0,001	0,006	0,065	FALSE
-0,012	0,301	0,000	0,006	0,018	FALSE
0,062	0,310	0,001	0,008	0,065	FALSE
-0,077	0,309	-0,002	0,012	0,074	FALSE
-0,072	0,308	-0,001	0,007	0,078	FALSE
-0,098	0,323	-0,003	0,009	0,136	FALSE
0,009	0,305	0,001	0,011	0,028	FALSE
-0,015	0,298	0,000	0,011	0,004	FALSE
0,061	0,307	0,001	0,007	0,078	FALSE
-0,081	0,320	-0,002	0,007	0,117	FALSE
-0,105	0,300	-0,003	0,007	0,151	FALSE
0,082	0,292	0,005	0,013	0,144	FALSE
-0,100	0,291	-0,006	0,013	0,172	FALSE
-0,036	0,310	-0,001	0,011	0,046	FALSE
0,071	0,307	0,003	0,010	0,109	FALSE
0,058	0,296	0,002	0,008	0,091	FALSE
0,072	0,304	0,003	0,012	0,083	FALSE
-0,049	0,308	-0,002	0,013	0,043	FALSE
0,043	0,301	0,001	0,008	0,061	FALSE
0,098	0,315	0,005	0,013	0,147	FALSE
-0,036	0,296	-0,002	0,011	0,062	FALSE
-0,075	0,301	-0,001	0,007	0,060	FALSE
-0,040	0,311	0,000	0,008	0,015	FALSE
-0,066	0,312	-0,002	0,009	0,083	FALSE
-0,218	0,311	-0,005	0,007	0,314	FALSE
0,111	0,302	0,005	0,012	0,149	FALSE
0,103	0,308	0,004	0,012	0,115	FALSE
-0,021	0,295	0,000	0,007	0,005	FALSE
0,019	0,316	0,001	0,013	0,030	FALSE
0,113	0,293	0,002	0,007	0,131	FALSE
-0,191	0,293	-0,005	0,008	0,285	FALSE
-0,101	0,314	-0,002	0,008	0,122	FALSE
0,015	0,298	0,000	0,008	0,011	FALSE
0,041	0,320	0,002	0,013	0,053	FALSE
-0,030	0,309	-0,002	0,011	0,059	FALSE
0,055	0,310	0,002	0,007	0,085	FALSE
0,040	0,312	0,001	0,007	0,066	FALSE
0,023	0,300	0,001	0,008	0,059	FALSE
-0,056	0,315	-0,002	0,011	0,069	FALSE
0,064	0,312	0,001	0,009	0,054	FALSE
-0,054	0,294	-0,001	0,009	0,042	FALSE
-0,022	0,313	0,000	0,007	0,004	FALSE
-0,091	0,297	-0,002	0,008	0,088	FALSE
0,060	0,313	0,001	0,009	0,059	FALSE
-0,137	0,303	-0,003	0,006	0,181	FALSE
0,084	0,318	0,002	0,008	0,113	FALSE
0,068	0,299	0,003	0,010	0,110	FALSE
0,092	0,311	0,002	0,008	0,126	FALSE
0,007	0,297	0,000	0,010	0,014	FALSE
0,053	0,303	0,002	0,009	0,078	FALSE

-0,075	0,301	-0,002	0,007	0,092	FALSE
-0,088	0,289	-0,002	0,006	0,126	FALSE
0,064	0,299	0,002	0,012	0,069	FALSE
0,081	0,307	0,003	0,011	0,101	FALSE
0,042	0,318	0,001	0,011	0,034	FALSE
-0,004	0,322	0,000	0,010	0,006	FALSE
-0,108	0,303	-0,003	0,009	0,119	FALSE
-0,033	0,312	-0,001	0,008	0,028	FALSE
-0,003	0,302	0,000	0,010	0,005	FALSE
-0,019	0,299	-0,001	0,010	0,030	FALSE
0,060	0,287	0,002	0,006	0,112	FALSE
0,082	0,308	0,002	0,006	0,141	FALSE
0,161	0,313	0,004	0,007	0,220	FALSE
0,145	0,308	0,006	0,013	0,205	FALSE
0,014	0,310	0,000	0,012	0,013	FALSE
0,006	0,309	0,001	0,009	0,035	FALSE
-0,058	0,312	-0,002	0,007	0,077	FALSE
-0,031	0,296	-0,001	0,008	0,031	FALSE
0,017	0,311	0,001	0,013	0,026	FALSE
0,094	0,307	0,003	0,009	0,132	FALSE
-0,143	0,303	-0,007	0,013	0,222	FALSE
0,079	0,303	0,002	0,007	0,093	FALSE
-0,190	0,288	-0,005	0,008	0,287	FALSE
0,090	0,314	0,002	0,007	0,100	FALSE
-0,067	0,308	-0,002	0,012	0,072	FALSE
-0,119	0,318	-0,002	0,007	0,132	FALSE
-0,065	0,285	-0,001	0,006	0,091	FALSE
-0,197	0,301	-0,006	0,009	0,268	FALSE
-0,003	0,312	0,000	0,006	0,003	FALSE
-0,091	0,300	-0,002	0,007	0,099	FALSE
0,115	0,297	0,005	0,012	0,162	FALSE
0,131	0,309	0,005	0,013	0,163	FALSE
-0,142	0,298	-0,005	0,010	0,224	FALSE
-0,023	0,321	-0,001	0,013	0,019	FALSE
0,120	0,318	0,005	0,013	0,173	FALSE
-0,005	0,315	0,000	0,011	0,007	FALSE
0,123	0,303	0,004	0,010	0,161	FALSE
-0,050	0,319	-0,002	0,009	0,075	FALSE
-0,122	0,309	-0,005	0,009	0,213	FALSE
-0,045	0,312	0,000	0,007	0,015	FALSE
0,087	0,303	0,003	0,009	0,127	FALSE
-0,005	0,305	0,000	0,011	0,013	FALSE
-0,100	0,297	-0,002	0,007	0,087	FALSE
-0,039	0,293	-0,001	0,007	0,074	FALSE
0,099	0,301	0,003	0,010	0,129	FALSE
-0,077	0,290	-0,002	0,006	0,095	FALSE
0,032	0,312	0,002	0,011	0,059	FALSE
0,001	0,304	0,000	0,009	0,009	FALSE
-0,158	0,308	-0,005	0,008	0,248	FALSE
0,076	0,304	0,002	0,011	0,071	FALSE
0,009	0,312	0,001	0,009	0,023	FALSE
-0,037	0,307	-0,002	0,012	0,066	FALSE
0,150	0,309	0,007	0,013	0,221	FALSE

0,003	0,316	0,000	0,008	0,005	FALSE
-0,053	0,304	-0,002	0,008	0,095	FALSE
0,073	0,308	0,003	0,013	0,077	FALSE
-0,029	0,300	-0,001	0,008	0,036	FALSE
0,073	0,316	0,003	0,011	0,096	FALSE
-0,084	0,311	-0,002	0,007	0,092	FALSE
0,007	0,311	-0,001	0,011	0,019	FALSE
-0,038	0,311	-0,001	0,011	0,041	FALSE
0,044	0,296	0,002	0,007	0,094	FALSE
-0,111	0,311	-0,003	0,008	0,155	FALSE
-0,093	0,300	-0,004	0,013	0,118	FALSE
-0,047	0,312	-0,002	0,013	0,046	FALSE
-0,054	0,312	-0,003	0,013	0,076	FALSE
-0,046	0,316	-0,001	0,008	0,050	FALSE
0,060	0,329	0,003	0,011	0,092	FALSE
-0,158	0,317	-0,004	0,008	0,212	FALSE
-0,048	0,312	-0,002	0,012	0,068	FALSE
-0,030	0,309	-0,002	0,013	0,052	FALSE
-0,005	0,299	0,000	0,009	0,008	FALSE
0,028	0,302	0,001	0,009	0,033	FALSE
-0,212	0,308	-0,006	0,009	0,328	FALSE
0,103	0,312	0,003	0,009	0,121	FALSE
-0,143	0,311	-0,006	0,012	0,219	FALSE
-0,122	0,316	-0,004	0,011	0,148	FALSE
0,050	0,316	0,002	0,009	0,069	FALSE
0,122	0,289	0,003	0,007	0,159	FALSE
-0,062	0,312	-0,001	0,008	0,071	FALSE
0,027	0,319	0,001	0,007	0,027	FALSE
0,011	0,298	0,001	0,008	0,026	FALSE
0,062	0,308	0,001	0,008	0,058	FALSE
-0,108	0,302	-0,002	0,006	0,142	FALSE
0,178	0,298	0,005	0,008	0,288	FALSE
-0,071	0,293	-0,001	0,007	0,059	FALSE
-0,055	0,307	-0,002	0,009	0,072	FALSE
-0,055	0,295	-0,002	0,009	0,083	FALSE
0,046	0,315	0,003	0,013	0,081	FALSE
0,132	0,312	0,006	0,013	0,181	FALSE
-0,038	0,308	-0,002	0,013	0,045	FALSE
-0,049	0,313	-0,001	0,007	0,074	FALSE
-0,024	0,309	-0,001	0,012	0,044	FALSE
-0,067	0,310	-0,002	0,007	0,092	FALSE
0,009	0,295	0,000	0,012	0,013	FALSE
-0,089	0,307	-0,003	0,009	0,117	FALSE
-0,021	0,298	-0,001	0,006	0,042	FALSE
-0,042	0,306	-0,001	0,008	0,058	FALSE
-0,117	0,314	-0,003	0,007	0,175	FALSE
0,069	0,299	0,002	0,007	0,090	FALSE
0,099	0,302	0,004	0,012	0,134	FALSE
-0,009	0,310	0,000	0,007	0,007	FALSE
0,168	0,291	0,006	0,011	0,244	FALSE
-0,084	0,300	-0,002	0,007	0,087	FALSE
0,043	0,310	0,001	0,008	0,036	FALSE
-0,016	0,306	0,000	0,007	0,007	FALSE

0,098	0,303	0,003	0,007	0,172	FALSE
-0,073	0,293	-0,002	0,009	0,107	FALSE
-0,169	0,307	-0,008	0,013	0,255	FALSE
-0,024	0,305	-0,001	0,008	0,051	FALSE
-0,065	0,304	-0,001	0,011	0,036	FALSE
0,018	0,316	0,001	0,008	0,035	FALSE
0,048	0,303	0,001	0,008	0,028	FALSE
-0,024	0,317	-0,001	0,012	0,020	FALSE
-0,018	0,298	-0,001	0,008	0,043	FALSE
0,069	0,299	0,002	0,010	0,089	FALSE
-0,010	0,306	0,000	0,010	0,017	FALSE
0,057	0,307	0,002	0,010	0,064	FALSE
-0,049	0,316	-0,003	0,013	0,073	FALSE
0,050	0,304	0,001	0,006	0,077	FALSE
0,047	0,302	0,001	0,007	0,048	FALSE
-0,021	0,294	0,000	0,010	0,012	FALSE
0,075	0,303	0,004	0,012	0,137	FALSE
-0,020	0,292	0,000	0,009	0,016	FALSE
0,041	0,314	0,000	0,007	0,012	FALSE
-0,001	0,311	0,000	0,008	0,021	FALSE
0,050	0,311	0,002	0,011	0,059	FALSE
-0,032	0,310	-0,001	0,011	0,039	FALSE
0,092	0,308	0,004	0,011	0,131	FALSE
-0,013	0,309	-0,001	0,009	0,025	FALSE
-0,058	0,306	-0,003	0,013	0,094	FALSE
0,032	0,331	0,001	0,011	0,042	FALSE
0,063	0,318	0,002	0,011	0,078	FALSE
-0,122	0,305	-0,004	0,010	0,180	FALSE
0,030	0,306	0,001	0,010	0,049	FALSE
0,056	0,336	0,002	0,009	0,070	FALSE
-0,028	0,326	-0,001	0,011	0,037	FALSE
-0,027	0,301	-0,001	0,011	0,027	FALSE
0,059	0,304	0,003	0,011	0,092	FALSE
-0,056	0,316	-0,001	0,006	0,074	FALSE
-0,030	0,306	0,000	0,009	0,016	FALSE
-0,001	0,315	0,000	0,007	0,018	FALSE
0,105	0,316	0,003	0,012	0,113	FALSE
0,133	0,291	0,005	0,009	0,211	FALSE
-0,058	0,311	-0,001	0,006	0,061	FALSE
0,046	0,322	0,001	0,007	0,061	FALSE
-0,081	0,307	-0,003	0,011	0,093	FALSE
-0,066	0,306	-0,001	0,007	0,061	FALSE
0,046	0,300	0,001	0,013	0,042	FALSE
0,036	0,311	0,001	0,010	0,029	FALSE
-0,011	0,312	0,000	0,007	0,005	FALSE
-0,067	0,300	-0,002	0,008	0,087	FALSE
-0,081	0,298	-0,002	0,007	0,118	FALSE
-0,086	0,313	-0,002	0,007	0,108	FALSE
0,022	0,315	0,001	0,011	0,026	FALSE
-0,049	0,303	-0,002	0,010	0,073	FALSE
-0,038	0,304	0,000	0,008	0,021	FALSE
0,014	0,316	0,000	0,009	0,015	FALSE
-0,051	0,314	-0,001	0,007	0,062	FALSE

0,003	0,327	0,000	0,013	0,012	FALSE
-0,060	0,314	-0,002	0,007	0,084	FALSE
-0,157	0,291	-0,004	0,007	0,223	FALSE
0,007	0,302	0,001	0,011	0,034	FALSE
-0,093	0,292	-0,002	0,007	0,097	FALSE
-0,012	0,295	0,000	0,011	0,012	FALSE
-0,022	0,292	-0,001	0,007	0,051	FALSE
0,004	0,311	0,000	0,007	0,006	FALSE
0,016	0,317	0,000	0,013	0,013	FALSE
-0,009	0,314	0,000	0,013	0,005	FALSE
0,070	0,315	0,003	0,008	0,132	FALSE
-0,059	0,300	-0,002	0,007	0,102	FALSE
-0,041	0,308	-0,001	0,009	0,043	FALSE
0,013	0,307	0,001	0,009	0,026	FALSE
0,057	0,319	0,002	0,010	0,068	FALSE
-0,172	0,313	-0,007	0,011	0,262	FALSE
0,053	0,291	0,001	0,008	0,073	FALSE
-0,119	0,317	-0,003	0,007	0,161	FALSE
-0,072	0,300	-0,002	0,008	0,094	FALSE
0,165	0,307	0,004	0,008	0,229	FALSE
0,038	0,311	0,002	0,011	0,054	FALSE
0,138	0,303	0,006	0,012	0,195	FALSE
-0,097	0,302	-0,002	0,007	0,137	FALSE
-0,081	0,309	-0,004	0,013	0,138	FALSE
-0,032	0,303	-0,002	0,011	0,067	FALSE
-0,040	0,320	-0,001	0,009	0,039	FALSE
-0,008	0,308	-0,001	0,013	0,034	FALSE
0,087	0,302	0,003	0,009	0,104	FALSE
0,009	0,299	0,000	0,008	0,018	FALSE
-0,154	0,303	-0,004	0,008	0,208	FALSE
-0,143	0,300	-0,004	0,008	0,196	FALSE
-0,142	0,301	-0,004	0,010	0,169	FALSE
-0,071	0,312	-0,001	0,006	0,076	FALSE
0,154	0,296	0,004	0,008	0,217	FALSE
0,083	0,301	0,002	0,008	0,099	FALSE
0,073	0,312	0,002	0,011	0,073	FALSE
0,041	0,315	0,001	0,010	0,028	FALSE
-0,108	0,303	-0,003	0,011	0,113	FALSE
0,043	0,314	0,002	0,011	0,052	FALSE
0,146	0,290	0,004	0,009	0,197	FALSE
0,001	0,293	0,001	0,008	0,026	FALSE
0,074	0,319	0,003	0,011	0,108	FALSE
-0,071	0,295	-0,002	0,008	0,089	FALSE
-0,029	0,310	-0,001	0,010	0,026	FALSE
0,111	0,315	0,003	0,007	0,161	FALSE
0,092	0,299	0,003	0,010	0,117	FALSE
0,030	0,310	0,001	0,008	0,052	FALSE
-0,023	0,308	-0,001	0,010	0,022	FALSE
-0,080	0,289	-0,002	0,008	0,105	FALSE
0,008	0,296	0,000	0,007	0,019	FALSE
0,007	0,287	0,000	0,008	0,015	FALSE
-0,088	0,301	-0,002	0,008	0,104	FALSE
-0,112	0,310	-0,003	0,008	0,151	FALSE

0,092	0,306	0,002	0,008	0,112	FALSE
-0,049	0,302	-0,002	0,013	0,050	FALSE
0,062	0,313	0,002	0,010	0,080	FALSE
-0,036	0,308	0,000	0,007	0,010	FALSE
-0,072	0,307	-0,002	0,011	0,077	FALSE
-0,055	0,305	-0,001	0,007	0,054	FALSE
-0,029	0,310	-0,001	0,010	0,019	FALSE
-0,006	0,308	0,000	0,010	0,008	FALSE
0,016	0,309	0,000	0,011	0,008	FALSE
-0,057	0,308	-0,002	0,008	0,081	FALSE
0,096	0,300	0,002	0,006	0,131	FALSE
0,025	0,320	0,001	0,009	0,053	FALSE
0,084	0,293	0,004	0,012	0,144	FALSE
0,031	0,293	0,001	0,011	0,044	FALSE
0,003	0,296	0,000	0,012	0,013	FALSE
-0,035	0,302	-0,002	0,013	0,047	FALSE
-0,032	0,307	0,000	0,008	0,019	FALSE
-0,032	0,305	0,000	0,009	0,000	FALSE
-0,130	0,308	-0,005	0,011	0,186	FALSE
-0,048	0,311	-0,002	0,011	0,076	FALSE
-0,062	0,309	-0,001	0,009	0,053	FALSE
0,080	0,285	0,002	0,007	0,103	FALSE
0,032	0,311	0,001	0,012	0,026	FALSE
0,159	0,287	0,003	0,007	0,165	FALSE
0,117	0,305	0,003	0,008	0,171	FALSE
-0,055	0,304	-0,002	0,012	0,065	FALSE
-0,123	0,317	-0,003	0,007	0,154	FALSE
0,098	0,307	0,003	0,009	0,119	FALSE
-0,011	0,298	-0,001	0,007	0,043	FALSE
-0,134	0,311	-0,005	0,013	0,165	FALSE
0,075	0,308	0,002	0,009	0,101	FALSE
0,083	0,311	0,003	0,009	0,111	FALSE
0,060	0,309	0,002	0,009	0,075	FALSE
-0,056	0,308	-0,003	0,013	0,081	FALSE
-0,055	0,307	-0,001	0,007	0,065	FALSE
0,010	0,319	0,000	0,012	0,006	FALSE
0,037	0,316	0,001	0,009	0,048	FALSE
0,031	0,301	0,001	0,013	0,024	FALSE
-0,006	0,297	0,000	0,007	0,022	FALSE
0,052	0,316	0,002	0,011	0,067	FALSE
0,014	0,298	0,001	0,010	0,037	FALSE
-0,062	0,309	-0,002	0,010	0,088	FALSE
-0,078	0,312	-0,003	0,009	0,115	FALSE
-0,010	0,307	-0,001	0,008	0,023	FALSE
0,042	0,304	0,001	0,007	0,047	FALSE
-0,011	0,324	-0,001	0,009	0,030	FALSE
-0,039	0,308	-0,001	0,007	0,035	FALSE
-0,016	0,304	0,000	0,007	0,014	FALSE
0,061	0,321	0,002	0,008	0,071	FALSE
-0,003	0,318	0,000	0,009	0,007	FALSE
0,098	0,305	0,005	0,011	0,168	FALSE
-0,001	0,318	0,000	0,012	0,007	FALSE
-0,023	0,312	-0,001	0,008	0,037	FALSE

-0,043	0,320	-0,002	0,011	0,082	FALSE
-0,064	0,305	-0,003	0,012	0,109	FALSE
-0,023	0,298	0,000	0,008	0,018	FALSE
0,098	0,313	0,003	0,008	0,131	FALSE
0,046	0,298	0,001	0,007	0,052	FALSE
-0,046	0,311	-0,001	0,011	0,032	FALSE
0,093	0,312	0,002	0,007	0,093	FALSE
0,071	0,311	0,002	0,009	0,084	FALSE
0,092	0,313	0,002	0,007	0,128	FALSE
-0,034	0,318	-0,001	0,009	0,057	FALSE
0,041	0,293	0,002	0,007	0,094	FALSE
-0,066	0,304	-0,001	0,013	0,037	FALSE
0,122	0,301	0,003	0,007	0,197	FALSE
-0,015	0,313	-0,001	0,012	0,033	FALSE
-0,040	0,305	-0,002	0,008	0,074	FALSE
0,047	0,319	0,001	0,007	0,070	FALSE
0,149	0,296	0,006	0,012	0,222	FALSE
0,006	0,300	0,000	0,011	0,014	FALSE
0,023	0,315	0,001	0,012	0,040	FALSE
0,019	0,314	0,001	0,012	0,032	FALSE
0,064	0,294	0,003	0,013	0,098	FALSE
0,005	0,301	0,000	0,012	0,004	FALSE
-0,114	0,308	-0,004	0,010	0,175	FALSE
0,104	0,303	0,004	0,012	0,146	FALSE
0,022	0,323	0,001	0,009	0,043	FALSE
-0,096	0,308	-0,004	0,011	0,144	FALSE
-0,138	0,286	-0,003	0,007	0,187	FALSE
-0,060	0,288	-0,002	0,010	0,082	FALSE
-0,034	0,310	-0,002	0,009	0,062	FALSE
-0,093	0,313	-0,003	0,009	0,134	FALSE
-0,006	0,304	0,000	0,008	0,003	FALSE
0,045	0,304	0,001	0,007	0,077	FALSE
0,001	0,302	0,000	0,010	0,012	FALSE
-0,042	0,279	-0,001	0,010	0,041	FALSE
-0,142	0,292	-0,005	0,011	0,195	FALSE
0,033	0,276	0,001	0,011	0,033	FALSE
0,146	0,302	0,004	0,010	0,171	FALSE
0,083	0,298	0,003	0,011	0,114	FALSE
-0,029	0,312	-0,001	0,008	0,050	FALSE
-0,029	0,304	-0,001	0,006	0,032	FALSE
0,092	0,306	0,003	0,008	0,150	FALSE
-0,037	0,302	-0,001	0,009	0,020	FALSE
-0,050	0,310	-0,002	0,009	0,086	FALSE
-0,043	0,308	-0,001	0,007	0,057	FALSE
-0,081	0,299	-0,002	0,009	0,105	FALSE
0,006	0,320	0,001	0,009	0,024	FALSE
0,031	0,316	0,001	0,008	0,038	FALSE
0,004	0,305	0,000	0,009	0,011	FALSE
-0,122	0,293	-0,002	0,006	0,151	FALSE
-0,102	0,300	-0,004	0,011	0,139	FALSE
-0,078	0,316	-0,003	0,009	0,114	FALSE
-0,003	0,324	0,000	0,009	0,012	FALSE
0,033	0,308	0,001	0,009	0,059	FALSE

0,115	0,310	0,003	0,007	0,172	FALSE
-0,046	0,298	-0,001	0,009	0,046	FALSE
-0,015	0,284	0,000	0,009	0,011	FALSE
-0,104	0,297	-0,004	0,011	0,126	FALSE
-0,039	0,306	-0,001	0,011	0,048	FALSE
-0,146	0,295	-0,004	0,007	0,221	FALSE
0,096	0,310	0,004	0,013	0,120	FALSE
0,012	0,303	0,002	0,011	0,053	FALSE
-0,056	0,308	-0,002	0,011	0,056	FALSE
-0,135	0,304	-0,004	0,009	0,182	FALSE
0,094	0,298	0,002	0,007	0,123	FALSE
0,181	0,278	0,005	0,008	0,307	FALSE
-0,045	0,303	-0,001	0,006	0,044	FALSE
-0,001	0,296	0,000	0,006	0,027	FALSE
0,078	0,299	0,002	0,011	0,055	FALSE
-0,051	0,299	-0,003	0,013	0,085	FALSE
0,071	0,307	0,003	0,011	0,098	FALSE
0,148	0,301	0,004	0,007	0,223	FALSE
0,156	0,290	0,008	0,012	0,284	FALSE
-0,126	0,309	-0,003	0,007	0,151	FALSE
0,016	0,309	0,000	0,007	0,006	FALSE
-0,114	0,298	-0,004	0,010	0,146	FALSE
-0,032	0,321	0,000	0,008	0,005	FALSE
0,026	0,310	0,000	0,013	0,011	FALSE
-0,003	0,303	0,000	0,008	0,022	FALSE
0,029	0,305	0,001	0,007	0,066	FALSE
-0,059	0,301	-0,002	0,011	0,079	FALSE
-0,066	0,299	-0,003	0,011	0,116	FALSE
-0,065	0,319	-0,003	0,010	0,107	FALSE
0,169	0,318	0,006	0,010	0,244	FALSE
0,028	0,307	0,001	0,013	0,040	FALSE
-0,011	0,306	0,000	0,011	0,011	FALSE
0,040	0,312	0,002	0,012	0,047	FALSE
0,025	0,308	0,001	0,009	0,033	FALSE
-0,060	0,316	-0,002	0,009	0,074	FALSE
-0,114	0,304	-0,002	0,006	0,132	FALSE
0,151	0,301	0,005	0,010	0,214	FALSE
0,011	0,318	0,000	0,013	0,006	FALSE
-0,158	0,308	-0,006	0,013	0,213	FALSE
0,076	0,314	0,002	0,007	0,094	FALSE
0,036	0,314	0,001	0,009	0,049	FALSE
-0,140	0,303	-0,005	0,012	0,168	FALSE
-0,040	0,314	-0,002	0,010	0,084	FALSE
-0,080	0,321	-0,002	0,010	0,090	FALSE
-0,073	0,297	-0,001	0,006	0,082	FALSE
-0,111	0,306	-0,004	0,010	0,146	FALSE
-0,056	0,314	-0,002	0,008	0,085	FALSE
-0,101	0,300	-0,004	0,012	0,124	FALSE
-0,039	0,312	-0,002	0,011	0,058	FALSE
-0,027	0,306	-0,001	0,008	0,035	FALSE
0,074	0,303	0,001	0,007	0,070	FALSE
-0,091	0,301	-0,003	0,008	0,129	FALSE
-0,124	0,284	-0,004	0,008	0,202	FALSE

0,036	0,317	0,001	0,013	0,039	FALSE
0,015	0,317	0,001	0,013	0,014	FALSE
0,042	0,303	0,001	0,013	0,038	FALSE
0,136	0,302	0,002	0,006	0,158	FALSE
0,118	0,294	0,004	0,009	0,175	FALSE
-0,078	0,282	-0,003	0,011	0,092	FALSE
-0,010	0,312	-0,001	0,013	0,016	FALSE
-0,029	0,305	-0,001	0,010	0,035	FALSE
-0,110	0,307	-0,006	0,013	0,198	FALSE
-0,138	0,315	-0,007	0,013	0,235	FALSE
0,042	0,313	0,002	0,011	0,084	FALSE
0,039	0,303	0,001	0,008	0,046	FALSE
0,066	0,294	0,001	0,006	0,071	FALSE
0,083	0,304	0,004	0,013	0,108	FALSE
0,154	0,305	0,005	0,010	0,211	FALSE
0,122	0,310	0,003	0,009	0,155	FALSE
-0,080	0,296	-0,004	0,013	0,108	FALSE
-0,047	0,294	-0,001	0,008	0,053	FALSE
-0,066	0,315	-0,001	0,007	0,069	FALSE
0,128	0,301	0,003	0,007	0,207	FALSE
-0,089	0,314	-0,003	0,013	0,103	FALSE
0,022	0,288	0,000	0,011	0,014	FALSE
-0,138	0,309	-0,003	0,007	0,184	FALSE
-0,008	0,310	-0,001	0,008	0,030	FALSE
0,101	0,311	0,003	0,007	0,155	FALSE
-0,095	0,306	-0,004	0,012	0,117	FALSE
0,092	0,304	0,003	0,009	0,119	FALSE
0,104	0,301	0,002	0,007	0,123	FALSE
-0,127	0,300	-0,003	0,007	0,169	FALSE
-0,078	0,299	-0,002	0,008	0,103	FALSE
0,111	0,298	0,004	0,011	0,139	FALSE
-0,044	0,301	-0,001	0,007	0,026	FALSE
0,026	0,317	0,001	0,011	0,030	FALSE
0,014	0,305	0,001	0,008	0,026	FALSE
0,036	0,291	0,001	0,011	0,032	FALSE
0,049	0,298	0,001	0,007	0,041	FALSE
0,025	0,302	0,000	0,007	0,017	FALSE
0,081	0,305	0,003	0,011	0,104	FALSE
0,085	0,293	0,002	0,010	0,086	FALSE
0,095	0,306	0,003	0,009	0,145	FALSE
-0,020	0,308	0,000	0,006	0,006	FALSE
0,012	0,305	0,001	0,010	0,020	FALSE
-0,004	0,300	0,000	0,009	0,007	FALSE
0,044	0,310	0,002	0,008	0,077	FALSE
-0,021	0,309	-0,001	0,009	0,053	FALSE
-0,033	0,309	-0,001	0,008	0,069	FALSE
-0,076	0,304	-0,003	0,013	0,084	FALSE
0,047	0,313	0,001	0,008	0,065	FALSE
-0,044	0,310	-0,001	0,007	0,031	FALSE
0,086	0,292	0,003	0,009	0,122	FALSE
-0,058	0,304	-0,001	0,007	0,049	FALSE
-0,074	0,295	-0,001	0,008	0,071	FALSE
-0,071	0,312	-0,001	0,008	0,055	FALSE

-0,002	0,307	0,000	0,007	0,018	FALSE
-0,005	0,314	-0,001	0,013	0,014	FALSE
0,013	0,290	0,000	0,009	0,012	FALSE
0,062	0,309	0,002	0,009	0,070	FALSE
-0,060	0,295	-0,002	0,009	0,079	FALSE
-0,066	0,307	-0,002	0,011	0,086	FALSE
-0,106	0,314	-0,002	0,007	0,126	FALSE
0,089	0,302	0,003	0,009	0,119	FALSE
-0,036	0,316	-0,001	0,008	0,038	FALSE
0,132	0,308	0,003	0,007	0,203	FALSE
-0,019	0,318	-0,001	0,012	0,029	FALSE
-0,008	0,310	-0,001	0,012	0,016	FALSE
0,004	0,310	0,000	0,009	0,002	FALSE
0,070	0,304	0,003	0,011	0,091	FALSE
0,031	0,300	0,001	0,012	0,026	FALSE
0,043	0,303	0,003	0,010	0,099	FALSE
0,052	0,323	0,003	0,011	0,104	FALSE
0,036	0,298	0,001	0,013	0,020	FALSE
0,123	0,317	0,003	0,008	0,145	FALSE
0,066	0,313	0,003	0,009	0,111	FALSE
0,015	0,297	0,002	0,011	0,051	FALSE
-0,061	0,307	-0,002	0,007	0,086	FALSE
0,055	0,299	0,001	0,007	0,070	FALSE
-0,001	0,297	0,000	0,010	0,006	FALSE
0,079	0,314	0,002	0,010	0,073	FALSE
0,052	0,316	0,002	0,011	0,057	FALSE
-0,069	0,299	-0,001	0,006	0,087	FALSE
-0,077	0,306	-0,002	0,007	0,100	FALSE
-0,026	0,289	-0,001	0,008	0,052	FALSE
0,024	0,290	0,001	0,012	0,023	FALSE
-0,149	0,294	-0,006	0,013	0,201	FALSE
0,166	0,295	0,006	0,011	0,218	FALSE
0,118	0,298	0,004	0,013	0,128	FALSE
-0,011	0,307	0,000	0,007	0,013	FALSE
0,068	0,304	0,002	0,012	0,057	FALSE
-0,145	0,305	-0,004	0,007	0,214	FALSE
-0,079	0,306	-0,002	0,007	0,101	FALSE
0,038	0,304	0,001	0,006	0,072	FALSE
-0,055	0,309	-0,002	0,011	0,054	FALSE
-0,019	0,296	0,000	0,009	0,011	FALSE
0,037	0,326	0,001	0,008	0,038	FALSE
0,041	0,307	0,001	0,007	0,054	FALSE
0,154	0,313	0,005	0,010	0,191	FALSE
-0,065	0,298	-0,002	0,010	0,075	FALSE
0,086	0,309	0,002	0,009	0,102	FALSE
0,006	0,297	0,001	0,007	0,028	FALSE
-0,068	0,298	-0,002	0,009	0,084	FALSE
-0,194	0,304	-0,006	0,009	0,293	FALSE
-0,005	0,313	0,000	0,007	0,011	FALSE
0,043	0,294	0,001	0,008	0,035	FALSE
-0,045	0,292	-0,001	0,007	0,067	FALSE
0,083	0,306	0,002	0,010	0,090	FALSE
0,033	0,313	0,001	0,011	0,047	FALSE

0,045	0,286	0,001	0,009	0,026	FALSE
0,006	0,308	-0,001	0,008	0,032	FALSE
0,083	0,317	0,003	0,012	0,107	FALSE
-0,066	0,314	-0,002	0,008	0,098	FALSE
-0,118	0,315	-0,003	0,009	0,143	FALSE
0,032	0,294	0,001	0,007	0,071	FALSE
-0,050	0,311	-0,001	0,008	0,061	FALSE
-0,024	0,304	-0,001	0,008	0,037	FALSE
-0,037	0,294	-0,002	0,011	0,068	FALSE
-0,070	0,277	-0,003	0,010	0,110	FALSE
-0,075	0,311	-0,003	0,009	0,119	FALSE
0,072	0,315	0,002	0,007	0,123	FALSE
0,107	0,307	0,005	0,012	0,179	FALSE
0,048	0,315	0,001	0,007	0,034	FALSE
0,070	0,300	0,001	0,006	0,059	FALSE
-0,045	0,296	-0,003	0,013	0,097	FALSE
-0,005	0,293	0,000	0,012	0,004	FALSE
-0,126	0,302	-0,005	0,011	0,174	FALSE
-0,041	0,311	-0,003	0,013	0,080	FALSE
0,037	0,304	0,002	0,011	0,064	FALSE
0,082	0,306	0,004	0,011	0,124	FALSE
0,076	0,309	0,003	0,012	0,111	FALSE
-0,104	0,301	-0,003	0,007	0,139	FALSE
-0,029	0,298	-0,002	0,011	0,083	FALSE
0,235	0,307	0,009	0,012	0,324	FALSE
-0,029	0,297	-0,001	0,007	0,033	FALSE
0,017	0,304	0,001	0,012	0,015	FALSE
0,088	0,307	0,003	0,010	0,134	FALSE
-0,103	0,294	-0,002	0,007	0,135	FALSE
0,105	0,306	0,003	0,009	0,155	FALSE
-0,144	0,297	-0,006	0,012	0,197	FALSE
-0,074	0,278	-0,003	0,008	0,142	FALSE
-0,068	0,302	-0,003	0,008	0,127	FALSE
-0,081	0,306	-0,003	0,008	0,141	FALSE
-0,086	0,295	-0,002	0,006	0,111	FALSE
-0,142	0,323	-0,006	0,012	0,207	FALSE
0,075	0,315	0,004	0,013	0,114	FALSE
0,007	0,304	0,001	0,012	0,023	FALSE
-0,139	0,297	-0,005	0,010	0,197	FALSE
-0,001	0,305	0,000	0,012	0,014	FALSE
0,116	0,304	0,003	0,008	0,153	FALSE
0,087	0,311	0,003	0,012	0,091	FALSE
0,079	0,297	0,002	0,012	0,073	FALSE
0,082	0,304	0,002	0,007	0,092	FALSE
-0,059	0,312	-0,002	0,011	0,070	FALSE
-0,074	0,293	-0,002	0,011	0,079	FALSE
-0,065	0,312	-0,002	0,012	0,060	FALSE
0,051	0,315	0,002	0,012	0,047	FALSE
0,069	0,309	0,002	0,011	0,081	FALSE
-0,158	0,301	-0,004	0,008	0,218	FALSE
-0,019	0,313	-0,001	0,013	0,026	FALSE
0,001	0,316	0,000	0,012	0,011	FALSE
-0,017	0,304	-0,001	0,012	0,041	FALSE

-0,092	0,301	-0,003	0,011	0,099	FALSE
-0,028	0,304	-0,002	0,013	0,055	FALSE
-0,020	0,301	-0,001	0,010	0,038	FALSE
-0,085	0,293	-0,001	0,006	0,087	FALSE
-0,100	0,315	-0,004	0,011	0,134	FALSE
0,005	0,321	0,000	0,008	0,001	FALSE
0,015	0,309	0,000	0,008	0,018	FALSE
0,047	0,310	0,002	0,011	0,066	FALSE
-0,046	0,305	-0,001	0,007	0,041	FALSE
0,018	0,319	0,001	0,011	0,028	FALSE
0,052	0,312	0,001	0,008	0,070	FALSE
-0,002	0,281	-0,001	0,009	0,025	FALSE
0,149	0,299	0,005	0,010	0,225	FALSE
0,045	0,304	0,000	0,007	0,025	FALSE
0,010	0,311	0,000	0,007	0,019	FALSE
0,006	0,303	0,000	0,006	0,010	FALSE
-0,104	0,296	-0,005	0,012	0,172	FALSE
0,011	0,305	-0,001	0,013	0,033	FALSE
0,036	0,312	0,001	0,008	0,041	FALSE
-0,115	0,297	-0,005	0,011	0,194	FALSE
0,048	0,301	0,002	0,009	0,083	FALSE
-0,099	0,307	-0,003	0,009	0,136	FALSE
0,023	0,296	0,000	0,008	0,001	FALSE
-0,100	0,310	-0,003	0,008	0,131	FALSE
-0,129	0,310	-0,003	0,008	0,167	FALSE
-0,024	0,312	-0,001	0,012	0,016	FALSE
-0,085	0,302	-0,004	0,013	0,113	FALSE
-0,051	0,305	-0,001	0,008	0,046	FALSE
0,121	0,317	0,005	0,011	0,205	FALSE
-0,074	0,294	-0,003	0,011	0,090	FALSE
-0,089	0,312	-0,004	0,013	0,127	FALSE
-0,034	0,292	-0,001	0,009	0,051	FALSE
0,023	0,309	0,001	0,012	0,032	FALSE
0,061	0,301	0,003	0,012	0,098	FALSE
-0,092	0,300	-0,005	0,011	0,168	FALSE
-0,006	0,314	-0,001	0,013	0,017	FALSE
-0,008	0,310	0,000	0,012	0,011	FALSE
-0,041	0,306	-0,001	0,008	0,043	FALSE
-0,028	0,303	-0,001	0,009	0,038	FALSE
-0,001	0,305	0,000	0,012	0,001	FALSE
-0,022	0,295	0,000	0,012	0,003	FALSE
0,110	0,309	0,002	0,007	0,127	FALSE
0,088	0,311	0,002	0,007	0,106	FALSE
-0,108	0,308	-0,004	0,012	0,142	FALSE
0,065	0,318	0,001	0,009	0,044	FALSE
0,003	0,316	0,000	0,008	0,001	FALSE
-0,056	0,298	-0,002	0,008	0,083	FALSE
-0,106	0,295	-0,004	0,011	0,165	FALSE
-0,004	0,308	0,000	0,011	0,011	FALSE
0,035	0,296	0,001	0,007	0,060	FALSE
-0,108	0,305	-0,005	0,013	0,164	FALSE
-0,092	0,291	-0,003	0,010	0,126	FALSE
-0,039	0,296	-0,001	0,012	0,035	FALSE

0,114	0,303	0,003	0,009	0,140	FALSE
0,002	0,290	0,000	0,010	0,000	FALSE
-0,120	0,295	-0,004	0,009	0,185	FALSE
-0,142	0,323	-0,005	0,010	0,193	FALSE
0,147	0,306	0,004	0,008	0,179	FALSE
0,105	0,313	0,002	0,007	0,122	FALSE
0,008	0,305	0,000	0,010	0,017	FALSE
-0,011	0,312	0,000	0,008	0,004	FALSE
0,053	0,311	0,002	0,008	0,076	FALSE
-0,048	0,311	-0,001	0,012	0,043	FALSE
-0,128	0,294	-0,003	0,006	0,159	FALSE
0,031	0,310	0,001	0,009	0,051	FALSE
0,009	0,302	0,001	0,012	0,039	FALSE
-0,004	0,314	0,000	0,012	0,005	FALSE
-0,022	0,315	-0,001	0,009	0,043	FALSE
-0,066	0,314	-0,002	0,009	0,072	FALSE
-0,090	0,294	-0,003	0,010	0,102	FALSE
-0,116	0,285	-0,004	0,009	0,168	FALSE
0,046	0,298	0,001	0,009	0,031	FALSE
0,037	0,310	0,001	0,010	0,040	FALSE
0,051	0,296	0,002	0,011	0,052	FALSE
-0,066	0,315	-0,002	0,008	0,077	FALSE
0,083	0,302	0,003	0,010	0,099	FALSE
0,038	0,307	0,001	0,010	0,032	FALSE
0,023	0,310	0,002	0,012	0,056	FALSE
-0,138	0,313	-0,002	0,006	0,152	FALSE
0,018	0,310	0,001	0,012	0,036	FALSE
0,031	0,319	0,002	0,013	0,052	FALSE
0,035	0,303	0,002	0,012	0,060	FALSE
-0,228	0,299	-0,010	0,013	0,347	FALSE
0,005	0,307	0,000	0,009	0,001	FALSE
0,092	0,302	0,002	0,007	0,119	FALSE
0,054	0,301	0,002	0,008	0,086	FALSE
0,086	0,305	0,004	0,013	0,113	FALSE
-0,191	0,313	-0,005	0,008	0,245	FALSE
-0,056	0,301	-0,002	0,010	0,059	FALSE
0,100	0,303	0,004	0,012	0,136	FALSE
0,055	0,288	0,002	0,011	0,059	FALSE
0,057	0,298	0,002	0,012	0,062	FALSE
0,014	0,293	0,000	0,010	0,008	FALSE
0,009	0,294	0,000	0,010	0,009	FALSE
-0,008	0,301	0,001	0,009	0,025	FALSE
0,049	0,294	0,002	0,007	0,098	FALSE
0,080	0,299	0,003	0,008	0,140	FALSE
-0,116	0,307	-0,004	0,008	0,191	FALSE
-0,087	0,290	-0,002	0,007	0,133	FALSE
-0,032	0,319	-0,001	0,009	0,023	FALSE
0,022	0,315	0,000	0,006	0,019	FALSE
0,005	0,309	0,000	0,011	0,007	FALSE
0,013	0,312	0,000	0,009	0,016	FALSE
0,015	0,303	0,000	0,007	0,018	FALSE
-0,011	0,297	0,000	0,007	0,013	FALSE
-0,017	0,305	-0,001	0,009	0,029	FALSE

-0,151	0,308	-0,004	0,009	0,194	FALSE
-0,019	0,309	0,000	0,010	0,004	FALSE
0,085	0,308	0,003	0,009	0,138	FALSE
0,058	0,316	0,002	0,009	0,086	FALSE
0,062	0,311	0,002	0,009	0,096	FALSE
0,003	0,311	0,000	0,012	0,000	FALSE
-0,080	0,310	-0,003	0,011	0,109	FALSE
0,065	0,307	0,003	0,009	0,117	FALSE
0,057	0,326	0,002	0,010	0,074	FALSE
-0,012	0,322	0,000	0,009	0,005	FALSE
-0,051	0,316	-0,001	0,010	0,044	FALSE
-0,063	0,291	-0,001	0,006	0,081	FALSE
-0,016	0,310	0,000	0,007	0,023	FALSE
-0,058	0,311	-0,001	0,007	0,056	FALSE
-0,051	0,301	-0,001	0,007	0,054	FALSE
-0,042	0,300	-0,001	0,007	0,038	FALSE
0,057	0,301	0,003	0,013	0,090	FALSE
0,018	0,301	0,000	0,010	0,005	FALSE
0,140	0,314	0,004	0,009	0,183	FALSE
-0,037	0,322	-0,002	0,012	0,073	FALSE
-0,010	0,312	-0,001	0,008	0,051	FALSE
-0,136	0,315	-0,005	0,011	0,213	FALSE
-0,144	0,307	-0,007	0,013	0,232	FALSE
-0,077	0,312	-0,004	0,013	0,123	FALSE
-0,118	0,306	-0,006	0,012	0,190	FALSE
-0,124	0,319	-0,006	0,013	0,187	FALSE
-0,021	0,326	-0,001	0,008	0,028	FALSE
0,061	0,311	0,001	0,006	0,083	FALSE
0,107	0,302	0,004	0,012	0,142	FALSE
0,014	0,298	0,000	0,007	0,002	FALSE
0,133	0,321	0,003	0,009	0,154	FALSE
-0,054	0,312	-0,001	0,006	0,059	FALSE
-0,070	0,308	-0,001	0,006	0,079	FALSE
-0,078	0,319	-0,002	0,011	0,077	FALSE
0,042	0,316	0,001	0,007	0,028	FALSE
-0,119	0,300	-0,003	0,009	0,158	FALSE
-0,165	0,301	-0,004	0,007	0,256	FALSE
-0,158	0,312	-0,004	0,007	0,228	FALSE
-0,037	0,303	-0,001	0,009	0,051	FALSE
0,000	0,314	0,000	0,007	0,001	FALSE
0,043	0,303	0,001	0,007	0,063	FALSE
0,015	0,295	0,000	0,008	0,013	FALSE
0,108	0,298	0,005	0,012	0,164	FALSE
-0,031	0,305	-0,001	0,011	0,043	FALSE
-0,167	0,275	-0,006	0,009	0,300	FALSE
0,126	0,312	0,003	0,007	0,153	FALSE
0,001	0,307	0,000	0,013	0,012	FALSE
0,078	0,303	0,002	0,007	0,106	FALSE
-0,030	0,312	-0,001	0,012	0,037	FALSE
-0,150	0,308	-0,004	0,009	0,190	FALSE
-0,019	0,323	0,000	0,010	0,008	FALSE
-0,086	0,310	-0,002	0,009	0,096	FALSE
-0,071	0,318	-0,002	0,007	0,104	FALSE

-0,064	0,310	-0,001	0,006	0,082	FALSE
0,027	0,297	0,001	0,013	0,028	FALSE
0,015	0,296	0,000	0,013	0,012	FALSE
0,014	0,316	0,000	0,009	0,017	FALSE
-0,008	0,296	-0,001	0,011	0,025	FALSE
-0,030	0,302	-0,002	0,012	0,049	FALSE
0,056	0,304	0,002	0,009	0,070	FALSE
0,018	0,302	0,000	0,007	0,021	FALSE
0,084	0,291	0,002	0,008	0,095	FALSE
0,052	0,300	0,002	0,009	0,084	FALSE
0,091	0,308	0,002	0,007	0,097	FALSE
0,038	0,308	0,002	0,013	0,041	FALSE
-0,077	0,302	-0,004	0,012	0,132	FALSE
-0,029	0,289	-0,002	0,012	0,067	FALSE
0,048	0,295	0,001	0,012	0,027	FALSE
0,054	0,298	0,002	0,010	0,090	FALSE
-0,085	0,293	-0,002	0,008	0,096	FALSE
-0,138	0,311	-0,004	0,009	0,175	FALSE
-0,082	0,295	-0,003	0,011	0,119	FALSE
0,041	0,306	0,001	0,010	0,048	FALSE
-0,041	0,306	-0,001	0,008	0,052	FALSE
-0,013	0,310	0,000	0,008	0,016	FALSE
-0,072	0,310	-0,002	0,011	0,067	FALSE
-0,002	0,308	0,000	0,007	0,003	FALSE
0,021	0,321	0,001	0,013	0,019	FALSE
-0,031	0,292	-0,001	0,011	0,030	FALSE
0,017	0,317	0,001	0,007	0,033	FALSE
-0,010	0,310	-0,001	0,006	0,035	FALSE
0,180	0,301	0,004	0,007	0,221	FALSE
-0,038	0,313	-0,001	0,008	0,053	FALSE
-0,052	0,322	-0,001	0,010	0,050	FALSE
-0,003	0,302	0,000	0,009	0,004	FALSE
-0,050	0,301	-0,002	0,008	0,091	FALSE
0,016	0,307	0,002	0,013	0,044	FALSE
-0,035	0,318	0,000	0,008	0,015	FALSE
-0,060	0,306	-0,002	0,011	0,069	FALSE
-0,050	0,313	-0,002	0,009	0,069	FALSE
0,066	0,303	0,001	0,009	0,037	FALSE
0,019	0,304	0,000	0,013	0,001	FALSE
-0,037	0,311	-0,001	0,010	0,044	FALSE
-0,125	0,310	-0,004	0,010	0,162	FALSE
-0,143	0,304	-0,006	0,012	0,202	FALSE
-0,117	0,314	-0,004	0,008	0,177	FALSE
0,049	0,311	0,002	0,013	0,066	FALSE
0,043	0,321	0,002	0,013	0,068	FALSE
-0,079	0,309	-0,003	0,012	0,091	FALSE
-0,080	0,322	-0,003	0,011	0,088	FALSE
-0,068	0,305	-0,002	0,010	0,095	FALSE
-0,104	0,321	-0,003	0,012	0,107	FALSE
-0,112	0,306	-0,004	0,010	0,143	FALSE
0,041	0,307	0,001	0,008	0,049	FALSE
-0,084	0,304	-0,002	0,008	0,115	FALSE
0,049	0,321	0,001	0,013	0,039	FALSE

-0,094	0,311	-0,002	0,008	0,097	FALSE
-0,042	0,318	-0,001	0,008	0,049	FALSE
-0,074	0,301	-0,002	0,011	0,076	FALSE
-0,071	0,314	-0,002	0,010	0,095	FALSE
0,004	0,297	0,000	0,012	0,014	FALSE
-0,078	0,310	-0,003	0,012	0,108	FALSE
-0,020	0,312	0,000	0,012	0,000	FALSE
0,053	0,303	0,001	0,008	0,057	FALSE
-0,060	0,296	-0,002	0,010	0,073	FALSE
0,024	0,323	0,000	0,007	0,020	FALSE
0,001	0,303	-0,001	0,013	0,035	FALSE
0,084	0,318	0,003	0,013	0,103	FALSE
0,131	0,306	0,004	0,009	0,154	FALSE
-0,002	0,308	0,000	0,010	0,010	FALSE
-0,108	0,296	-0,003	0,011	0,114	FALSE
-0,058	0,302	-0,001	0,007	0,032	FALSE
-0,047	0,308	-0,001	0,008	0,054	FALSE
0,086	0,319	0,003	0,009	0,112	FALSE
0,105	0,312	0,003	0,008	0,129	FALSE
0,083	0,309	0,002	0,009	0,089	FALSE
-0,060	0,312	-0,002	0,009	0,086	FALSE
-0,015	0,320	0,000	0,009	0,017	FALSE
0,077	0,301	0,001	0,006	0,083	FALSE
0,039	0,305	0,001	0,006	0,040	FALSE
-0,041	0,310	-0,001	0,008	0,050	FALSE
-0,056	0,309	-0,002	0,009	0,077	FALSE
0,033	0,312	0,001	0,007	0,054	FALSE
-0,049	0,289	-0,001	0,010	0,048	FALSE
0,214	0,289	0,009	0,012	0,336	FALSE
-0,062	0,307	-0,003	0,012	0,094	FALSE
0,024	0,311	0,000	0,007	0,021	FALSE
-0,004	0,308	0,000	0,007	0,006	FALSE
-0,007	0,302	0,000	0,007	0,021	FALSE
0,048	0,312	0,002	0,011	0,067	FALSE
-0,094	0,314	-0,003	0,008	0,142	FALSE
0,021	0,313	0,000	0,009	0,017	FALSE
0,087	0,326	0,003	0,011	0,106	FALSE
-0,104	0,310	-0,004	0,011	0,131	FALSE
0,106	0,302	0,004	0,012	0,136	FALSE
0,002	0,321	0,000	0,011	0,006	FALSE
-0,207	0,301	-0,009	0,013	0,322	FALSE
-0,031	0,312	-0,001	0,009	0,036	FALSE
-0,108	0,310	-0,002	0,007	0,141	FALSE
-0,062	0,314	-0,001	0,007	0,071	FALSE
-0,034	0,315	-0,001	0,008	0,036	FALSE
0,019	0,297	0,001	0,009	0,041	FALSE
0,142	0,302	0,004	0,008	0,191	FALSE
0,065	0,316	0,002	0,008	0,083	FALSE
0,155	0,299	0,005	0,008	0,263	FALSE
0,089	0,319	0,002	0,008	0,116	FALSE
-0,007	0,318	0,000	0,007	0,007	FALSE
-0,025	0,307	-0,001	0,012	0,031	FALSE
-0,012	0,306	0,000	0,013	0,001	FALSE

-0,110	0,308	-0,004	0,011	0,146	FALSE
0,009	0,316	0,000	0,006	0,012	FALSE
-0,036	0,317	-0,001	0,008	0,034	FALSE
-0,011	0,311	-0,001	0,010	0,022	FALSE
0,063	0,304	0,002	0,013	0,075	FALSE
0,058	0,294	0,002	0,011	0,071	FALSE
-0,047	0,317	-0,001	0,013	0,029	FALSE
-0,049	0,293	-0,001	0,006	0,046	FALSE
0,101	0,294	0,002	0,007	0,101	FALSE
-0,127	0,304	-0,003	0,007	0,163	FALSE
0,093	0,292	0,003	0,010	0,125	FALSE
-0,024	0,307	-0,001	0,008	0,034	FALSE
-0,044	0,306	-0,001	0,007	0,041	FALSE
-0,146	0,300	-0,007	0,012	0,237	FALSE
-0,028	0,315	-0,001	0,009	0,048	FALSE
0,089	0,302	0,004	0,012	0,133	FALSE
-0,101	0,315	-0,004	0,012	0,150	FALSE
-0,128	0,298	-0,005	0,011	0,185	FALSE
0,212	0,298	0,009	0,012	0,353	FALSE
0,074	0,310	0,001	0,007	0,065	FALSE
-0,071	0,311	-0,001	0,006	0,085	FALSE
-0,037	0,310	-0,001	0,008	0,030	FALSE
-0,194	0,306	-0,010	0,013	0,348	FALSE
-0,069	0,311	-0,002	0,009	0,069	FALSE
0,015	0,302	0,000	0,008	0,020	FALSE
-0,065	0,319	-0,002	0,010	0,083	FALSE
-0,146	0,302	-0,006	0,013	0,204	FALSE
-0,203	0,288	-0,007	0,010	0,318	FALSE
-0,004	0,320	0,000	0,008	0,010	FALSE
0,150	0,302	0,004	0,008	0,210	FALSE
0,160	0,301	0,005	0,010	0,231	FALSE
-0,012	0,303	0,001	0,010	0,023	FALSE
0,132	0,306	0,005	0,012	0,163	FALSE
-0,086	0,303	-0,003	0,010	0,110	FALSE
-0,111	0,302	-0,004	0,010	0,149	FALSE
0,006	0,307	0,000	0,012	0,010	FALSE
-0,018	0,310	-0,001	0,008	0,026	FALSE
0,124	0,298	0,004	0,011	0,167	FALSE
0,001	0,312	0,000	0,010	0,000	FALSE
-0,104	0,304	-0,002	0,007	0,109	FALSE
-0,008	0,304	-0,001	0,012	0,018	FALSE
0,088	0,316	0,002	0,008	0,117	FALSE
-0,010	0,314	-0,001	0,013	0,023	FALSE
-0,021	0,308	0,000	0,007	0,020	FALSE
0,072	0,310	0,001	0,007	0,070	FALSE
0,008	0,314	0,000	0,013	0,001	FALSE
-0,013	0,303	0,000	0,012	0,013	FALSE
-0,064	0,316	-0,002	0,009	0,075	FALSE
-0,018	0,295	-0,001	0,012	0,028	FALSE
0,101	0,297	0,003	0,009	0,121	FALSE
-0,034	0,304	-0,002	0,012	0,055	FALSE
-0,068	0,303	-0,003	0,013	0,100	FALSE
-0,063	0,304	-0,003	0,013	0,100	FALSE

0,063	0,301	0,002	0,012	0,060	FALSE
0,051	0,309	0,001	0,008	0,067	FALSE
0,063	0,302	0,002	0,007	0,098	FALSE
0,053	0,302	0,001	0,008	0,063	FALSE
-0,061	0,295	-0,001	0,007	0,084	FALSE
0,040	0,311	0,002	0,011	0,076	FALSE
-0,014	0,307	0,000	0,008	0,015	FALSE
-0,061	0,299	-0,004	0,013	0,113	FALSE
0,016	0,319	0,000	0,007	0,003	FALSE
0,053	0,303	0,004	0,013	0,111	FALSE
-0,012	0,304	0,000	0,010	0,004	FALSE
0,078	0,306	0,001	0,008	0,070	FALSE
-0,050	0,296	-0,002	0,010	0,057	FALSE
0,005	0,316	0,000	0,008	0,020	FALSE
-0,072	0,312	-0,001	0,007	0,080	FALSE
-0,020	0,311	0,000	0,006	0,007	FALSE
0,084	0,315	0,002	0,007	0,108	FALSE
-0,097	0,302	-0,004	0,013	0,120	FALSE
0,091	0,315	0,003	0,008	0,137	FALSE
0,062	0,302	0,002	0,008	0,087	FALSE
0,171	0,299	0,006	0,012	0,226	FALSE
-0,025	0,302	-0,001	0,013	0,029	FALSE
-0,101	0,311	-0,003	0,009	0,132	FALSE
-0,038	0,315	-0,001	0,009	0,035	FALSE
0,038	0,307	0,001	0,007	0,034	FALSE
0,078	0,318	0,002	0,007	0,085	FALSE
0,127	0,305	0,005	0,010	0,198	FALSE
0,188	0,294	0,007	0,011	0,281	FALSE
0,052	0,309	0,001	0,008	0,050	FALSE
0,065	0,306	0,002	0,008	0,079	FALSE
0,041	0,318	0,002	0,011	0,063	FALSE
-0,106	0,303	-0,002	0,007	0,101	FALSE
0,032	0,315	0,001	0,011	0,025	FALSE
0,029	0,316	0,001	0,011	0,026	FALSE
0,134	0,291	0,004	0,008	0,189	FALSE
-0,024	0,298	0,000	0,012	0,014	FALSE
0,220	0,292	0,010	0,013	0,345	FALSE
0,115	0,319	0,004	0,010	0,162	FALSE
0,068	0,310	0,002	0,008	0,089	FALSE
0,136	0,293	0,005	0,011	0,196	FALSE
0,076	0,312	0,002	0,009	0,097	FALSE
0,116	0,307	0,003	0,007	0,173	FALSE
0,043	0,303	0,002	0,011	0,064	FALSE
-0,120	0,305	-0,003	0,008	0,141	FALSE
-0,032	0,311	-0,001	0,008	0,024	FALSE
0,159	0,307	0,004	0,008	0,215	FALSE
0,007	0,304	-0,001	0,012	0,017	FALSE
0,022	0,327	0,001	0,010	0,018	FALSE
-0,090	0,298	-0,004	0,010	0,151	FALSE
-0,104	0,315	-0,004	0,011	0,148	FALSE
-0,025	0,310	-0,001	0,008	0,037	FALSE
0,084	0,311	0,004	0,011	0,151	FALSE
0,191	0,313	0,004	0,007	0,257	FALSE

-0,035	0,316	-0,002	0,009	0,067	FALSE
-0,065	0,304	-0,002	0,007	0,099	FALSE
-0,028	0,308	-0,001	0,007	0,069	FALSE
0,125	0,302	0,003	0,009	0,156	FALSE
-0,081	0,309	-0,002	0,007	0,090	FALSE
-0,101	0,293	-0,003	0,012	0,094	FALSE
0,049	0,303	0,001	0,012	0,037	FALSE
0,019	0,317	0,001	0,009	0,035	FALSE
-0,012	0,317	-0,001	0,012	0,029	FALSE
0,003	0,304	0,000	0,008	0,013	FALSE
0,020	0,312	0,001	0,011	0,031	FALSE
0,097	0,315	0,002	0,007	0,103	FALSE
0,011	0,310	0,001	0,007	0,041	FALSE
0,029	0,300	0,000	0,010	0,008	FALSE
0,034	0,309	0,000	0,009	0,003	FALSE
0,026	0,310	0,001	0,009	0,033	FALSE
-0,060	0,308	-0,001	0,007	0,049	FALSE
-0,108	0,305	-0,005	0,013	0,160	FALSE
0,014	0,300	0,000	0,009	0,009	FALSE
-0,001	0,297	0,000	0,008	0,011	FALSE
-0,008	0,292	0,001	0,011	0,017	FALSE
0,000	0,297	0,000	0,011	0,007	FALSE
-0,108	0,301	-0,002	0,006	0,124	FALSE
-0,041	0,312	-0,001	0,010	0,049	FALSE
-0,166	0,316	-0,007	0,013	0,236	FALSE
0,004	0,294	0,001	0,011	0,022	FALSE
-0,051	0,300	-0,002	0,010	0,072	FALSE
-0,031	0,324	-0,001	0,013	0,027	FALSE
-0,037	0,304	-0,001	0,012	0,025	FALSE
-0,042	0,314	-0,002	0,012	0,051	FALSE
0,085	0,309	0,004	0,012	0,114	FALSE
0,071	0,294	0,003	0,010	0,105	FALSE
0,188	0,308	0,008	0,013	0,262	FALSE
-0,044	0,315	-0,002	0,013	0,045	FALSE
0,026	0,295	0,001	0,007	0,032	FALSE
-0,039	0,293	-0,001	0,006	0,035	FALSE
-0,079	0,299	-0,002	0,009	0,091	FALSE
0,025	0,290	0,001	0,012	0,026	FALSE
0,006	0,311	0,000	0,013	0,010	FALSE
0,104	0,307	0,003	0,008	0,163	FALSE
-0,024	0,300	0,000	0,007	0,018	FALSE
0,045	0,318	0,002	0,011	0,057	FALSE
-0,066	0,300	-0,002	0,006	0,115	FALSE
0,031	0,324	0,001	0,009	0,050	FALSE
-0,026	0,310	0,000	0,010	0,013	FALSE
-0,032	0,302	-0,001	0,012	0,021	FALSE
-0,011	0,308	-0,001	0,011	0,029	FALSE
0,073	0,297	0,002	0,007	0,099	FALSE
0,051	0,305	0,002	0,012	0,064	FALSE
-0,037	0,308	-0,001	0,007	0,062	FALSE
0,001	0,327	0,000	0,008	0,002	FALSE
0,183	0,317	0,004	0,007	0,239	FALSE
-0,117	0,304	-0,003	0,008	0,137	FALSE

0,104	0,306	0,003	0,008	0,118	FALSE
0,137	0,292	0,004	0,008	0,223	FALSE
-0,109	0,303	-0,004	0,009	0,158	FALSE
-0,123	0,298	-0,002	0,007	0,138	FALSE
0,062	0,324	0,002	0,007	0,081	FALSE
-0,029	0,302	0,000	0,012	0,014	FALSE
0,061	0,309	0,001	0,006	0,092	FALSE
0,066	0,306	0,003	0,011	0,090	FALSE
0,081	0,309	0,002	0,011	0,075	FALSE
0,041	0,313	0,001	0,011	0,022	FALSE
-0,010	0,318	0,000	0,010	0,006	FALSE
-0,071	0,304	-0,002	0,009	0,086	FALSE
0,070	0,288	0,002	0,008	0,073	FALSE
0,178	0,298	0,009	0,013	0,336	FALSE
-0,036	0,305	0,000	0,012	0,013	FALSE
0,029	0,313	0,001	0,010	0,053	FALSE
-0,045	0,298	-0,001	0,009	0,057	FALSE
-0,073	0,307	-0,004	0,012	0,136	FALSE
-0,020	0,311	-0,002	0,013	0,052	FALSE
-0,013	0,311	-0,002	0,012	0,049	FALSE
-0,052	0,315	-0,002	0,010	0,081	FALSE
-0,118	0,312	-0,004	0,012	0,147	FALSE
0,056	0,306	0,002	0,010	0,073	FALSE
-0,181	0,303	-0,006	0,011	0,248	FALSE
0,127	0,300	0,004	0,009	0,178	FALSE
0,076	0,301	0,003	0,008	0,125	FALSE
0,075	0,306	0,002	0,008	0,112	FALSE
0,043	0,302	0,002	0,011	0,057	FALSE
-0,044	0,318	-0,001	0,012	0,031	FALSE
-0,102	0,303	-0,002	0,008	0,111	FALSE
0,086	0,309	0,004	0,012	0,129	FALSE
0,115	0,311	0,004	0,011	0,140	FALSE
-0,081	0,314	-0,002	0,007	0,092	FALSE
-0,036	0,312	-0,002	0,013	0,063	FALSE
-0,024	0,315	-0,001	0,009	0,043	FALSE
-0,008	0,308	-0,001	0,012	0,031	FALSE
-0,056	0,310	-0,001	0,007	0,065	FALSE
0,071	0,311	0,001	0,007	0,067	FALSE
-0,060	0,309	-0,002	0,008	0,095	FALSE
-0,014	0,297	0,000	0,012	0,011	FALSE
0,159	0,307	0,006	0,011	0,225	FALSE
0,075	0,301	0,002	0,007	0,100	FALSE
-0,004	0,306	0,000	0,007	0,013	FALSE
-0,004	0,312	0,000	0,007	0,009	FALSE
-0,036	0,310	0,000	0,007	0,015	FALSE
-0,025	0,304	-0,001	0,007	0,049	FALSE
0,038	0,333	0,002	0,010	0,081	FALSE
0,097	0,297	0,004	0,012	0,113	FALSE
0,118	0,289	0,004	0,011	0,129	FALSE
0,015	0,316	0,001	0,012	0,022	FALSE
-0,017	0,309	0,000	0,012	0,000	FALSE
-0,034	0,306	-0,002	0,011	0,066	FALSE
0,045	0,291	0,002	0,010	0,095	FALSE

0,037	0,296	0,002	0,010	0,083	FALSE
0,016	0,295	0,000	0,012	0,010	FALSE
-0,102	0,308	-0,004	0,012	0,141	FALSE
-0,017	0,303	-0,001	0,010	0,049	FALSE
0,055	0,289	0,002	0,008	0,114	FALSE
-0,105	0,307	-0,004	0,012	0,126	FALSE
0,153	0,303	0,004	0,010	0,171	FALSE
0,154	0,298	0,004	0,010	0,177	FALSE
-0,037	0,302	-0,001	0,007	0,049	FALSE
-0,044	0,294	-0,002	0,008	0,080	FALSE
-0,138	0,305	-0,006	0,013	0,185	FALSE
-0,133	0,299	-0,006	0,012	0,183	FALSE
-0,015	0,304	-0,001	0,010	0,024	FALSE
0,042	0,312	0,001	0,011	0,024	FALSE
0,051	0,300	0,002	0,011	0,048	FALSE
0,091	0,306	0,003	0,012	0,095	FALSE
-0,045	0,299	0,000	0,006	0,022	FALSE
-0,041	0,318	-0,001	0,009	0,023	FALSE
0,038	0,315	0,002	0,010	0,077	FALSE
-0,103	0,303	-0,004	0,011	0,162	FALSE
-0,001	0,315	0,001	0,011	0,025	FALSE
-0,117	0,298	-0,004	0,009	0,197	FALSE
-0,049	0,300	-0,002	0,009	0,085	FALSE
0,027	0,308	0,001	0,012	0,034	FALSE
-0,025	0,309	0,000	0,007	0,000	FALSE
-0,064	0,307	-0,003	0,009	0,108	FALSE
0,191	0,305	0,007	0,012	0,264	FALSE
-0,037	0,311	-0,002	0,013	0,059	FALSE
-0,071	0,306	-0,003	0,012	0,077	FALSE
-0,076	0,311	-0,003	0,013	0,087	FALSE
-0,074	0,311	-0,002	0,011	0,071	FALSE
-0,066	0,289	-0,003	0,010	0,106	FALSE
-0,050	0,302	-0,001	0,011	0,041	FALSE
0,108	0,290	0,003	0,008	0,131	FALSE
-0,095	0,315	-0,003	0,013	0,104	FALSE
-0,100	0,309	-0,004	0,012	0,111	FALSE
-0,065	0,303	-0,002	0,012	0,074	FALSE
-0,129	0,313	-0,003	0,008	0,149	FALSE
0,099	0,302	0,002	0,007	0,124	FALSE
0,008	0,323	0,000	0,013	0,013	FALSE
0,149	0,308	0,005	0,010	0,235	FALSE
0,125	0,298	0,003	0,008	0,172	FALSE
-0,086	0,314	-0,002	0,009	0,094	FALSE
0,035	0,301	0,000	0,013	0,001	FALSE
0,043	0,300	0,001	0,013	0,020	FALSE
0,107	0,300	0,002	0,007	0,103	FALSE
0,084	0,316	0,004	0,010	0,137	FALSE
-0,070	0,309	-0,002	0,010	0,084	FALSE
0,037	0,304	0,001	0,013	0,032	FALSE
-0,024	0,306	-0,001	0,010	0,042	FALSE
-0,010	0,310	-0,001	0,013	0,015	FALSE
-0,007	0,297	0,000	0,008	0,013	FALSE
-0,055	0,312	-0,001	0,008	0,059	FALSE

-0,030	0,317	-0,001	0,012	0,020	FALSE
-0,057	0,324	-0,001	0,007	0,074	FALSE
-0,025	0,307	-0,001	0,012	0,020	FALSE
-0,052	0,303	-0,002	0,012	0,061	FALSE
-0,048	0,309	-0,001	0,007	0,078	FALSE
-0,030	0,316	-0,001	0,008	0,029	FALSE
-0,079	0,314	-0,002	0,007	0,111	FALSE
-0,071	0,299	-0,002	0,008	0,082	FALSE
0,009	0,300	0,001	0,010	0,019	FALSE
-0,038	0,312	-0,001	0,009	0,035	FALSE
0,062	0,297	0,002	0,010	0,068	FALSE
-0,060	0,296	-0,002	0,009	0,089	FALSE
-0,090	0,336	-0,002	0,010	0,092	FALSE
-0,004	0,302	0,000	0,009	0,005	FALSE
-0,028	0,306	-0,001	0,009	0,029	FALSE
-0,098	0,314	-0,004	0,010	0,144	FALSE
-0,022	0,313	-0,001	0,008	0,033	FALSE
0,074	0,305	0,003	0,010	0,116	FALSE
0,195	0,303	0,005	0,008	0,292	FALSE
-0,055	0,302	-0,001	0,009	0,055	FALSE
-0,013	0,304	0,000	0,007	0,021	FALSE
0,083	0,286	0,002	0,010	0,078	FALSE
0,112	0,287	0,003	0,008	0,149	FALSE
-0,020	0,311	-0,001	0,011	0,044	FALSE
0,100	0,309	0,002	0,008	0,121	FALSE
-0,022	0,313	-0,001	0,011	0,037	FALSE
-0,012	0,317	-0,001	0,011	0,027	FALSE
0,030	0,299	0,001	0,007	0,035	FALSE
0,002	0,302	0,000	0,008	0,010	FALSE
-0,030	0,310	-0,001	0,007	0,047	FALSE
0,017	0,314	0,001	0,010	0,027	FALSE
-0,053	0,315	-0,002	0,012	0,066	FALSE
-0,150	0,292	-0,004	0,008	0,210	FALSE
-0,034	0,304	-0,002	0,012	0,047	FALSE
-0,089	0,282	-0,003	0,009	0,126	FALSE
-0,056	0,296	-0,003	0,010	0,096	FALSE
0,074	0,310	0,001	0,006	0,079	FALSE
0,046	0,294	0,001	0,007	0,073	FALSE
-0,007	0,321	0,000	0,013	0,007	FALSE
-0,070	0,318	-0,002	0,010	0,078	FALSE
0,020	0,302	0,001	0,011	0,017	FALSE
0,093	0,306	0,002	0,007	0,105	FALSE
0,051	0,317	0,002	0,007	0,083	FALSE
-0,024	0,315	0,000	0,007	0,018	FALSE
0,189	0,306	0,007	0,012	0,245	FALSE
0,198	0,295	0,007	0,012	0,260	FALSE
0,097	0,308	0,003	0,012	0,099	FALSE
-0,192	0,300	-0,007	0,011	0,269	FALSE
0,122	0,307	0,004	0,011	0,142	FALSE
-0,033	0,321	0,000	0,007	0,018	FALSE
-0,048	0,303	-0,002	0,010	0,079	FALSE
-0,170	0,301	-0,004	0,007	0,222	FALSE
-0,139	0,308	-0,004	0,009	0,186	FALSE

0,063	0,301	0,003	0,013	0,101	TRUE
0,052	0,297	0,002	0,009	0,069	FALSE
0,072	0,309	0,004	0,012	0,124	FALSE
-0,036	0,310	-0,001	0,012	0,040	FALSE
0,042	0,312	0,001	0,009	0,059	FALSE
0,081	0,301	0,002	0,007	0,102	FALSE
0,009	0,313	0,000	0,010	0,005	FALSE
-0,062	0,319	-0,001	0,007	0,081	FALSE
-0,018	0,299	0,000	0,012	0,006	FALSE
0,044	0,304	0,001	0,007	0,062	FALSE
0,039	0,314	0,001	0,009	0,046	FALSE
0,197	0,304	0,008	0,013	0,256	FALSE
0,000	0,303	0,000	0,007	0,010	FALSE
0,051	0,313	0,002	0,009	0,065	FALSE
0,051	0,309	0,002	0,010	0,058	FALSE
-0,017	0,314	0,000	0,008	0,004	FALSE
-0,130	0,306	-0,003	0,007	0,145	FALSE
-0,078	0,309	-0,003	0,013	0,103	FALSE
0,026	0,324	0,001	0,013	0,033	FALSE
0,054	0,313	0,002	0,009	0,070	FALSE
0,043	0,319	0,001	0,009	0,056	FALSE
-0,132	0,314	-0,003	0,007	0,152	FALSE
0,049	0,308	0,001	0,010	0,025	FALSE
0,041	0,306	0,001	0,009	0,033	FALSE
0,078	0,301	0,002	0,009	0,088	FALSE
-0,057	0,310	-0,001	0,013	0,039	FALSE
0,027	0,305	0,001	0,007	0,054	FALSE
0,058	0,302	0,002	0,009	0,067	FALSE
0,057	0,295	0,001	0,007	0,078	FALSE
-0,100	0,302	-0,003	0,008	0,131	FALSE
0,037	0,313	0,002	0,011	0,055	FALSE
-0,105	0,319	-0,004	0,010	0,156	FALSE
0,075	0,303	0,002	0,008	0,075	FALSE
-0,048	0,319	-0,001	0,008	0,054	FALSE
-0,034	0,309	-0,001	0,011	0,037	FALSE
-0,049	0,307	-0,001	0,007	0,069	FALSE
-0,021	0,310	0,000	0,008	0,022	FALSE
-0,053	0,305	-0,001	0,008	0,064	FALSE
-0,010	0,310	-0,001	0,012	0,017	FALSE
-0,112	0,299	-0,004	0,010	0,153	FALSE
-0,003	0,305	0,000	0,007	0,006	FALSE
0,095	0,325	0,004	0,013	0,126	FALSE
0,033	0,311	0,001	0,012	0,025	FALSE
0,040	0,305	0,001	0,009	0,045	FALSE
0,076	0,302	0,002	0,008	0,089	FALSE
-0,055	0,298	-0,002	0,007	0,094	FALSE
-0,076	0,287	-0,003	0,008	0,144	FALSE
-0,051	0,309	-0,002	0,009	0,105	FALSE
-0,127	0,309	-0,005	0,011	0,168	FALSE
-0,024	0,301	-0,001	0,012	0,035	FALSE
-0,041	0,309	-0,001	0,007	0,069	FALSE
0,027	0,308	0,001	0,010	0,041	FALSE
0,157	0,316	0,004	0,007	0,216	FALSE

0,045	0,312	0,001	0,008	0,050	FALSE
0,015	0,302	0,001	0,012	0,034	FALSE
0,083	0,324	0,003	0,009	0,124	FALSE
-0,009	0,307	0,000	0,008	0,014	FALSE
0,004	0,306	0,001	0,011	0,039	FALSE
0,119	0,306	0,002	0,006	0,161	FALSE
0,042	0,310	0,001	0,010	0,048	FALSE
-0,057	0,294	-0,002	0,009	0,076	FALSE
0,025	0,302	0,001	0,009	0,052	FALSE
0,076	0,314	0,002	0,008	0,087	FALSE
-0,001	0,302	0,000	0,010	0,009	FALSE
0,019	0,308	0,001	0,006	0,042	FALSE
-0,023	0,299	-0,001	0,009	0,030	FALSE
0,090	0,312	0,003	0,010	0,104	FALSE
-0,011	0,309	0,000	0,006	0,024	FALSE
0,069	0,311	0,003	0,013	0,082	FALSE
0,104	0,291	0,003	0,007	0,144	FALSE
0,047	0,311	0,001	0,008	0,067	FALSE
-0,020	0,314	-0,001	0,013	0,023	FALSE
0,002	0,277	0,000	0,010	0,006	FALSE
0,067	0,309	0,001	0,006	0,071	FALSE
0,112	0,294	0,003	0,007	0,159	FALSE
-0,021	0,308	0,000	0,009	0,019	FALSE
0,031	0,304	0,001	0,007	0,052	FALSE
0,030	0,310	0,000	0,010	0,015	FALSE
0,072	0,307	0,002	0,007	0,091	FALSE
-0,156	0,304	-0,004	0,007	0,248	FALSE
0,022	0,316	0,001	0,013	0,027	FALSE
-0,011	0,312	0,000	0,006	0,007	FALSE
-0,040	0,304	-0,002	0,013	0,071	FALSE
-0,056	0,303	-0,001	0,008	0,058	FALSE
0,079	0,313	0,002	0,008	0,112	FALSE
0,002	0,317	0,000	0,006	0,006	FALSE
0,006	0,312	0,001	0,009	0,025	FALSE
0,025	0,307	0,001	0,008	0,047	FALSE
-0,081	0,316	-0,003	0,010	0,103	FALSE
0,161	0,295	0,005	0,009	0,264	FALSE
-0,076	0,304	-0,003	0,009	0,122	FALSE
-0,068	0,316	-0,002	0,010	0,089	FALSE
-0,054	0,319	-0,001	0,007	0,065	FALSE
-0,066	0,297	-0,003	0,012	0,094	FALSE
0,093	0,300	0,003	0,009	0,149	FALSE
-0,042	0,328	-0,001	0,009	0,026	FALSE
0,097	0,302	0,003	0,010	0,127	FALSE
0,074	0,307	0,002	0,011	0,085	FALSE
0,043	0,311	0,001	0,012	0,043	FALSE
-0,021	0,301	-0,001	0,012	0,017	FALSE
-0,137	0,307	-0,004	0,008	0,196	FALSE
0,099	0,323	0,002	0,009	0,100	FALSE
0,045	0,311	0,003	0,012	0,078	FALSE
-0,007	0,311	-0,001	0,010	0,034	FALSE
0,030	0,301	0,001	0,007	0,049	FALSE
-0,101	0,312	-0,004	0,010	0,148	FALSE

0,014	0,308	0,000	0,012	0,014	FALSE
0,001	0,317	0,000	0,007	0,014	FALSE
-0,066	0,309	-0,002	0,010	0,095	FALSE
-0,011	0,299	0,000	0,007	0,012	FALSE
-0,009	0,315	0,000	0,008	0,015	FALSE
0,009	0,307	0,001	0,008	0,024	FALSE
-0,026	0,300	-0,002	0,011	0,061	FALSE
0,006	0,303	0,001	0,010	0,031	FALSE
-0,035	0,303	-0,002	0,012	0,053	FALSE
-0,039	0,319	-0,002	0,012	0,052	FALSE
0,030	0,314	0,001	0,008	0,043	FALSE
0,021	0,304	0,000	0,007	0,006	FALSE
0,071	0,303	0,002	0,008	0,114	FALSE
0,078	0,308	0,003	0,012	0,109	FALSE
0,065	0,304	0,002	0,012	0,069	FALSE
0,046	0,306	0,002	0,008	0,082	FALSE
0,047	0,316	0,002	0,011	0,073	FALSE
-0,122	0,301	-0,005	0,012	0,151	FALSE
0,134	0,288	0,005	0,012	0,173	FALSE
-0,035	0,301	-0,003	0,013	0,084	FALSE
-0,098	0,307	-0,005	0,013	0,166	FALSE
0,109	0,287	0,004	0,011	0,125	FALSE
0,049	0,306	0,001	0,010	0,045	FALSE
-0,011	0,311	0,000	0,008	0,007	FALSE
0,021	0,312	0,000	0,008	0,007	FALSE
0,013	0,310	0,000	0,007	0,022	FALSE
-0,024	0,313	-0,001	0,011	0,020	FALSE
0,028	0,305	0,000	0,007	0,012	FALSE
-0,072	0,298	-0,002	0,007	0,101	FALSE
-0,097	0,319	-0,004	0,011	0,138	FALSE
0,021	0,296	0,000	0,012	0,003	FALSE
0,039	0,314	0,001	0,010	0,022	FALSE
0,015	0,303	0,002	0,013	0,052	FALSE
0,136	0,295	0,005	0,009	0,219	FALSE
-0,072	0,304	-0,001	0,012	0,038	FALSE
-0,008	0,303	0,001	0,012	0,022	FALSE
-0,138	0,317	-0,003	0,007	0,204	FALSE
-0,122	0,307	-0,003	0,007	0,178	FALSE
0,001	0,311	0,000	0,008	0,010	FALSE
0,015	0,313	0,001	0,008	0,034	FALSE
0,045	0,303	0,002	0,008	0,079	FALSE
-0,053	0,305	-0,001	0,007	0,070	FALSE
-0,051	0,303	-0,002	0,013	0,053	FALSE
-0,031	0,306	-0,002	0,012	0,051	FALSE
-0,084	0,296	-0,002	0,009	0,099	FALSE
0,002	0,313	0,000	0,009	0,006	FALSE
-0,120	0,310	-0,004	0,009	0,172	FALSE
-0,011	0,314	0,000	0,008	0,016	FALSE
-0,009	0,296	-0,001	0,012	0,034	FALSE
0,035	0,314	0,001	0,007	0,052	FALSE
0,034	0,322	0,001	0,008	0,046	FALSE
-0,012	0,314	0,000	0,008	0,015	FALSE
-0,014	0,315	0,000	0,008	0,018	FALSE

-0,015	0,317	-0,001	0,008	0,027	FALSE
0,037	0,300	0,000	0,011	0,014	FALSE
-0,005	0,317	0,000	0,008	0,005	FALSE
0,132	0,293	0,004	0,008	0,199	FALSE
0,198	0,307	0,006	0,009	0,291	FALSE
-0,006	0,304	0,001	0,010	0,024	FALSE
0,034	0,309	0,002	0,007	0,091	FALSE
-0,016	0,316	0,000	0,007	0,014	FALSE
-0,125	0,309	-0,003	0,007	0,148	FALSE
-0,160	0,304	-0,004	0,007	0,226	FALSE
0,000	0,301	0,000	0,006	0,012	FALSE
-0,062	0,324	-0,002	0,010	0,068	FALSE
-0,050	0,295	0,000	0,007	0,025	FALSE
-0,134	0,307	-0,005	0,010	0,206	FALSE
-0,084	0,315	-0,004	0,012	0,123	FALSE
0,028	0,304	0,001	0,008	0,031	FALSE
-0,006	0,306	0,000	0,007	0,001	FALSE
-0,045	0,297	-0,002	0,013	0,073	FALSE
-0,098	0,299	-0,005	0,013	0,158	FALSE
-0,125	0,292	-0,003	0,007	0,185	FALSE
0,065	0,307	0,003	0,013	0,086	FALSE
0,135	0,303	0,006	0,013	0,207	FALSE
0,070	0,312	0,002	0,008	0,093	FALSE
-0,020	0,312	0,000	0,012	0,013	FALSE
-0,034	0,306	-0,002	0,012	0,068	FALSE
-0,153	0,303	-0,005	0,010	0,213	FALSE
-0,054	0,307	-0,002	0,010	0,083	FALSE
0,051	0,294	0,002	0,012	0,065	FALSE
-0,214	0,313	-0,007	0,009	0,341	FALSE
0,045	0,295	0,003	0,012	0,085	FALSE
-0,065	0,304	-0,002	0,013	0,063	FALSE
-0,044	0,307	-0,001	0,012	0,027	FALSE
-0,042	0,300	-0,002	0,009	0,070	FALSE
0,049	0,311	0,002	0,009	0,084	FALSE
0,097	0,303	0,003	0,012	0,100	FALSE
-0,041	0,309	-0,001	0,011	0,041	FALSE
0,058	0,316	0,002	0,009	0,065	FALSE
0,049	0,307	0,001	0,012	0,017	FALSE
0,080	0,306	0,002	0,011	0,077	FALSE
-0,030	0,291	-0,001	0,012	0,028	FALSE
0,003	0,306	0,001	0,011	0,029	FALSE
0,010	0,295	0,001	0,011	0,050	FALSE
-0,021	0,292	0,000	0,012	0,013	FALSE
0,003	0,313	0,000	0,009	0,001	FALSE
-0,093	0,299	-0,004	0,012	0,147	FALSE
-0,062	0,310	-0,001	0,007	0,054	FALSE
-0,065	0,307	-0,003	0,013	0,077	FALSE
0,076	0,312	0,002	0,012	0,062	FALSE
0,116	0,306	0,005	0,012	0,146	FALSE
0,081	0,293	0,003	0,012	0,084	FALSE
-0,094	0,322	-0,002	0,008	0,103	FALSE
-0,096	0,302	-0,004	0,012	0,130	FALSE
-0,113	0,305	-0,003	0,007	0,160	FALSE

-0,134	0,299	-0,002	0,007	0,139	FALSE
-0,110	0,297	-0,003	0,009	0,140	FALSE
-0,130	0,310	-0,003	0,007	0,148	FALSE
-0,008	0,296	-0,002	0,012	0,056	FALSE
-0,091	0,303	-0,002	0,009	0,101	FALSE
-0,060	0,305	-0,001	0,010	0,052	FALSE
0,100	0,315	0,004	0,012	0,134	FALSE
0,053	0,303	0,002	0,009	0,085	FALSE
0,005	0,320	0,000	0,011	0,003	FALSE
0,039	0,312	0,002	0,013	0,046	FALSE
-0,045	0,307	-0,001	0,007	0,042	FALSE
0,009	0,318	0,001	0,010	0,025	FALSE
0,081	0,307	0,002	0,008	0,096	FALSE
-0,010	0,277	0,000	0,007	0,026	FALSE
0,065	0,302	0,002	0,008	0,076	FALSE
-0,042	0,305	-0,001	0,009	0,041	FALSE
0,020	0,304	0,001	0,007	0,045	FALSE
0,047	0,326	0,001	0,008	0,063	FALSE
0,065	0,316	0,002	0,008	0,089	FALSE
-0,112	0,307	-0,003	0,008	0,168	FALSE
-0,140	0,302	-0,006	0,012	0,190	FALSE
-0,069	0,304	-0,003	0,011	0,094	FALSE
0,105	0,320	0,002	0,007	0,122	FALSE
-0,071	0,310	-0,001	0,006	0,082	FALSE
-0,032	0,305	-0,001	0,010	0,038	FALSE
0,005	0,313	0,000	0,007	0,015	FALSE
-0,009	0,297	0,000	0,007	0,014	FALSE
0,074	0,310	0,003	0,011	0,102	FALSE
-0,022	0,303	0,000	0,008	0,005	FALSE
0,119	0,301	0,005	0,010	0,193	FALSE
-0,023	0,319	-0,001	0,012	0,020	FALSE
-0,002	0,299	0,000	0,009	0,019	FALSE
-0,130	0,314	-0,003	0,007	0,157	FALSE
-0,029	0,293	-0,001	0,008	0,026	FALSE
-0,127	0,306	-0,004	0,009	0,185	FALSE
0,149	0,304	0,006	0,012	0,211	FALSE
-0,055	0,316	-0,002	0,011	0,052	FALSE
0,015	0,302	0,001	0,008	0,040	FALSE
-0,095	0,299	-0,003	0,011	0,108	FALSE
-0,126	0,316	-0,006	0,013	0,181	FALSE
-0,179	0,303	-0,007	0,013	0,252	FALSE
0,029	0,318	0,002	0,009	0,067	FALSE
-0,050	0,302	-0,001	0,009	0,058	FALSE
0,130	0,308	0,004	0,011	0,157	FALSE
-0,021	0,300	-0,001	0,006	0,031	FALSE
0,132	0,305	0,005	0,010	0,194	FALSE
-0,163	0,309	-0,003	0,007	0,195	FALSE
-0,006	0,299	0,000	0,007	0,003	FALSE
-0,033	0,321	-0,001	0,008	0,023	FALSE
-0,020	0,319	0,000	0,009	0,013	FALSE
-0,086	0,305	-0,003	0,008	0,132	FALSE
0,032	0,313	0,001	0,008	0,048	FALSE
0,111	0,314	0,003	0,007	0,146	FALSE

0,058	0,298	0,002	0,009	0,074	FALSE
-0,060	0,307	-0,002	0,007	0,093	FALSE
0,041	0,301	0,001	0,007	0,055	FALSE
-0,126	0,306	-0,005	0,011	0,189	FALSE
-0,061	0,306	-0,003	0,010	0,102	FALSE
-0,017	0,317	0,000	0,010	0,011	FALSE
-0,028	0,304	-0,001	0,008	0,046	FALSE
-0,071	0,304	-0,003	0,010	0,108	FALSE
-0,011	0,307	-0,001	0,013	0,029	FALSE
-0,061	0,303	-0,003	0,010	0,102	FALSE
-0,052	0,310	-0,003	0,012	0,088	FALSE
-0,059	0,307	-0,002	0,010	0,100	FALSE
-0,115	0,301	-0,003	0,008	0,132	FALSE
-0,130	0,309	-0,004	0,009	0,159	FALSE
-0,122	0,291	-0,003	0,009	0,154	FALSE
-0,164	0,306	-0,004	0,008	0,207	FALSE
0,137	0,317	0,004	0,009	0,195	FALSE
0,142	0,308	0,006	0,010	0,243	FALSE
-0,005	0,312	0,000	0,007	0,005	FALSE
-0,095	0,320	-0,002	0,007	0,084	FALSE
-0,013	0,311	-0,001	0,012	0,019	FALSE
0,013	0,283	0,001	0,013	0,014	FALSE
0,157	0,307	0,005	0,009	0,227	FALSE
0,093	0,309	0,002	0,007	0,108	FALSE
-0,081	0,308	-0,003	0,011	0,113	FALSE
-0,085	0,312	-0,002	0,010	0,089	FALSE
-0,075	0,298	-0,002	0,010	0,064	FALSE
-0,048	0,301	-0,002	0,009	0,079	FALSE
0,005	0,322	-0,001	0,013	0,028	FALSE
-0,061	0,317	-0,002	0,011	0,058	FALSE
0,027	0,306	0,001	0,007	0,053	FALSE
0,005	0,315	0,000	0,007	0,013	FALSE
-0,005	0,318	0,000	0,012	0,002	FALSE
-0,051	0,304	-0,002	0,012	0,060	FALSE
-0,112	0,294	-0,004	0,011	0,130	FALSE
-0,048	0,296	-0,002	0,012	0,066	FALSE
0,074	0,301	0,001	0,006	0,086	FALSE
0,020	0,296	0,001	0,008	0,041	FALSE
0,076	0,309	0,002	0,009	0,092	FALSE
0,067	0,299	0,002	0,008	0,119	FALSE
-0,109	0,303	-0,005	0,011	0,182	FALSE
-0,040	0,316	-0,001	0,012	0,041	FALSE
-0,024	0,309	-0,001	0,011	0,019	FALSE
-0,184	0,311	-0,004	0,007	0,254	FALSE
0,064	0,318	0,002	0,010	0,083	FALSE
-0,045	0,305	-0,002	0,011	0,069	FALSE
-0,063	0,294	-0,003	0,010	0,103	FALSE
-0,082	0,299	-0,002	0,007	0,119	FALSE
-0,080	0,316	-0,002	0,006	0,095	FALSE
-0,010	0,302	-0,001	0,012	0,026	FALSE
0,082	0,302	0,003	0,011	0,108	FALSE
0,131	0,297	0,006	0,011	0,245	FALSE
0,048	0,299	0,001	0,007	0,026	FALSE

0,048	0,318	0,001	0,007	0,047	FALSE
0,064	0,312	0,001	0,009	0,062	FALSE
-0,003	0,307	-0,001	0,012	0,019	FALSE
-0,075	0,309	-0,003	0,012	0,098	FALSE
0,102	0,312	0,002	0,007	0,104	FALSE
-0,230	0,304	-0,004	0,006	0,333	FALSE
-0,037	0,285	0,000	0,006	0,026	FALSE
-0,057	0,315	-0,002	0,013	0,067	FALSE
0,059	0,305	0,003	0,013	0,083	FALSE
0,080	0,302	0,003	0,011	0,087	FALSE
-0,040	0,307	-0,001	0,012	0,027	FALSE
-0,029	0,298	-0,001	0,008	0,027	FALSE
-0,093	0,303	-0,003	0,008	0,121	FALSE
0,044	0,293	0,000	0,011	0,007	FALSE
0,033	0,326	0,001	0,013	0,037	FALSE
-0,108	0,304	-0,003	0,007	0,147	FALSE
-0,102	0,306	-0,004	0,011	0,149	FALSE
-0,074	0,313	-0,002	0,009	0,071	FALSE
-0,021	0,317	-0,001	0,011	0,029	FALSE
-0,078	0,297	-0,003	0,007	0,151	FALSE
-0,003	0,302	-0,001	0,007	0,043	FALSE
0,054	0,302	0,001	0,006	0,061	FALSE
0,132	0,301	0,006	0,012	0,204	FALSE
-0,065	0,295	-0,001	0,009	0,058	FALSE
-0,071	0,302	-0,002	0,009	0,095	FALSE
-0,055	0,300	-0,002	0,012	0,060	FALSE
0,140	0,295	0,004	0,007	0,241	FALSE
-0,041	0,308	-0,001	0,011	0,038	FALSE
-0,007	0,314	0,000	0,008	0,000	FALSE
0,081	0,303	0,001	0,006	0,081	FALSE
-0,059	0,309	-0,002	0,012	0,067	FALSE
-0,014	0,316	-0,001	0,012	0,024	FALSE
0,036	0,305	0,001	0,011	0,040	FALSE
-0,022	0,302	0,000	0,007	0,003	FALSE
0,088	0,306	0,003	0,010	0,107	FALSE
0,026	0,310	0,001	0,007	0,070	FALSE
-0,162	0,301	-0,005	0,010	0,218	FALSE
0,055	0,305	0,001	0,009	0,039	FALSE
0,095	0,301	0,004	0,013	0,135	FALSE
0,005	0,305	0,000	0,008	0,004	FALSE
-0,079	0,310	-0,002	0,007	0,110	FALSE
0,025	0,287	0,001	0,007	0,049	FALSE
-0,011	0,315	0,000	0,008	0,019	FALSE
0,002	0,313	0,000	0,013	0,012	FALSE
-0,010	0,299	0,000	0,008	0,005	FALSE
0,028	0,304	0,000	0,011	0,010	FALSE
-0,029	0,310	-0,001	0,007	0,036	FALSE
-0,067	0,317	-0,002	0,012	0,068	FALSE
0,037	0,326	0,000	0,007	0,001	FALSE
-0,018	0,324	-0,001	0,010	0,035	FALSE
0,009	0,303	0,000	0,009	0,008	FALSE
0,143	0,299	0,003	0,007	0,190	FALSE
0,145	0,313	0,004	0,008	0,198	FALSE

0,063	0,303	0,003	0,010	0,106	FALSE
-0,014	0,316	-0,001	0,009	0,021	FALSE
0,002	0,312	0,000	0,010	0,017	FALSE
0,058	0,307	0,002	0,012	0,078	FALSE
-0,040	0,313	-0,002	0,012	0,062	FALSE
-0,052	0,313	-0,002	0,013	0,046	FALSE
0,092	0,303	0,004	0,013	0,112	FALSE
0,036	0,319	0,000	0,009	0,012	FALSE
0,011	0,307	0,000	0,013	0,010	FALSE
0,000	0,306	-0,001	0,012	0,022	FALSE
-0,115	0,307	-0,004	0,012	0,139	FALSE
-0,094	0,315	-0,004	0,011	0,159	FALSE
-0,093	0,302	-0,003	0,010	0,141	FALSE
-0,122	0,311	-0,004	0,009	0,166	FALSE
-0,022	0,291	-0,001	0,012	0,022	FALSE
-0,111	0,303	-0,004	0,009	0,187	FALSE
-0,224	0,299	-0,009	0,013	0,329	FALSE
0,004	0,310	0,000	0,009	0,004	FALSE
-0,028	0,308	-0,001	0,008	0,042	FALSE
0,019	0,299	0,000	0,009	0,007	FALSE
-0,153	0,287	-0,003	0,007	0,206	FALSE
-0,157	0,305	-0,004	0,008	0,220	FALSE
-0,026	0,313	-0,001	0,013	0,029	FALSE
-0,014	0,321	0,000	0,013	0,006	FALSE
-0,057	0,302	-0,003	0,011	0,095	FALSE
-0,009	0,308	0,000	0,009	0,010	FALSE
-0,034	0,313	-0,002	0,010	0,073	FALSE
-0,082	0,314	-0,003	0,011	0,112	FALSE
0,127	0,298	0,003	0,008	0,163	FALSE
0,058	0,301	0,002	0,012	0,066	FALSE
-0,155	0,287	-0,005	0,011	0,195	FALSE
-0,069	0,318	-0,002	0,009	0,074	FALSE
0,113	0,299	0,002	0,007	0,133	FALSE
-0,068	0,321	-0,002	0,010	0,093	FALSE
-0,109	0,310	-0,003	0,008	0,145	FALSE
-0,035	0,303	-0,001	0,012	0,021	FALSE
-0,152	0,295	-0,005	0,009	0,239	FALSE
0,010	0,301	0,001	0,007	0,041	FALSE
0,028	0,309	0,000	0,006	0,005	FALSE
0,034	0,307	0,001	0,007	0,061	FALSE
-0,020	0,304	-0,001	0,008	0,027	FALSE
0,014	0,306	0,001	0,009	0,024	FALSE
-0,047	0,318	-0,002	0,010	0,057	FALSE
-0,044	0,310	-0,001	0,010	0,049	FALSE
-0,144	0,310	-0,006	0,012	0,210	FALSE
-0,016	0,301	0,000	0,009	0,020	FALSE
0,030	0,318	0,001	0,007	0,045	FALSE
0,005	0,303	0,000	0,006	0,020	FALSE
0,038	0,306	0,001	0,009	0,056	FALSE
0,097	0,310	0,004	0,013	0,115	FALSE
-0,148	0,294	-0,006	0,012	0,211	FALSE
-0,027	0,307	-0,001	0,009	0,022	FALSE
0,062	0,306	0,003	0,012	0,082	FALSE

0,121	0,304	0,005	0,012	0,172	FALSE
0,089	0,307	0,003	0,012	0,115	FALSE
0,098	0,298	0,004	0,011	0,135	FALSE
0,086	0,307	0,003	0,012	0,106	FALSE
0,073	0,310	0,003	0,012	0,098	FALSE
0,015	0,327	0,001	0,013	0,020	FALSE
0,034	0,307	0,001	0,010	0,040	FALSE
-0,020	0,302	0,000	0,007	0,015	FALSE
-0,027	0,301	-0,002	0,012	0,074	FALSE
0,095	0,312	0,004	0,011	0,139	FALSE
0,104	0,310	0,003	0,009	0,128	FALSE
0,006	0,307	0,000	0,010	0,016	FALSE
-0,003	0,292	0,000	0,010	0,017	FALSE
0,017	0,304	0,001	0,008	0,025	FALSE
-0,020	0,311	-0,001	0,012	0,040	FALSE
0,022	0,303	0,001	0,007	0,043	FALSE
-0,034	0,321	-0,001	0,013	0,038	FALSE
0,004	0,322	0,000	0,013	0,008	FALSE
0,033	0,310	0,001	0,010	0,039	FALSE
0,060	0,322	0,003	0,012	0,105	FALSE
0,192	0,283	0,006	0,009	0,308	FALSE
0,145	0,309	0,005	0,009	0,216	FALSE
-0,003	0,320	0,000	0,010	0,010	FALSE
-0,031	0,298	-0,002	0,011	0,053	FALSE
-0,031	0,310	-0,002	0,011	0,058	FALSE
0,089	0,290	0,003	0,010	0,136	FALSE
0,061	0,291	0,003	0,010	0,101	FALSE
0,135	0,319	0,003	0,007	0,193	FALSE
-0,134	0,311	-0,004	0,009	0,195	FALSE
0,052	0,308	0,001	0,007	0,077	FALSE
-0,055	0,293	-0,001	0,006	0,073	FALSE
-0,109	0,317	-0,003	0,007	0,159	FALSE
0,042	0,297	0,003	0,013	0,080	FALSE
0,042	0,314	0,001	0,008	0,056	FALSE
-0,039	0,318	-0,001	0,008	0,037	FALSE
0,025	0,317	0,001	0,007	0,027	FALSE
0,003	0,311	0,000	0,007	0,005	FALSE
0,121	0,310	0,005	0,013	0,143	FALSE
0,091	0,297	0,003	0,010	0,122	FALSE
-0,050	0,305	-0,001	0,007	0,069	FALSE
-0,089	0,319	-0,003	0,012	0,110	FALSE
0,016	0,298	0,001	0,011	0,032	FALSE
-0,007	0,302	0,000	0,007	0,006	FALSE
-0,037	0,312	-0,001	0,006	0,035	FALSE
0,013	0,316	0,000	0,013	0,006	FALSE
0,113	0,308	0,002	0,007	0,132	FALSE
0,114	0,295	0,003	0,009	0,133	FALSE
-0,013	0,299	0,000	0,007	0,009	FALSE
-0,008	0,304	0,000	0,012	0,009	FALSE
0,035	0,310	0,001	0,012	0,029	FALSE
-0,061	0,309	-0,002	0,010	0,078	FALSE
-0,123	0,296	-0,004	0,010	0,177	FALSE
-0,042	0,311	-0,001	0,012	0,034	FALSE

0,091	0,315	0,003	0,010	0,119	FALSE
-0,016	0,315	0,000	0,012	0,002	FALSE
-0,143	0,315	-0,005	0,009	0,208	FALSE
0,119	0,313	0,004	0,011	0,150	FALSE
0,085	0,305	0,004	0,012	0,125	FALSE
0,148	0,308	0,005	0,012	0,181	FALSE
-0,137	0,304	-0,004	0,011	0,162	FALSE
-0,097	0,300	-0,003	0,012	0,113	FALSE
-0,122	0,274	-0,004	0,010	0,147	FALSE
0,008	0,298	0,000	0,008	0,004	FALSE
0,090	0,290	0,004	0,010	0,137	FALSE
-0,018	0,294	0,000	0,008	0,014	FALSE
0,027	0,309	0,001	0,007	0,050	FALSE
0,058	0,305	0,002	0,007	0,097	FALSE
-0,016	0,315	0,000	0,007	0,005	FALSE
-0,068	0,311	-0,002	0,007	0,104	FALSE
0,162	0,306	0,006	0,011	0,238	FALSE
-0,051	0,306	-0,001	0,007	0,073	FALSE
-0,150	0,313	-0,004	0,009	0,205	FALSE
-0,140	0,319	-0,004	0,009	0,174	FALSE
-0,063	0,303	-0,001	0,006	0,075	FALSE
0,063	0,325	0,001	0,009	0,035	FALSE
0,006	0,300	0,000	0,013	0,013	FALSE
0,004	0,291	0,000	0,006	0,020	FALSE
0,034	0,317	0,001	0,010	0,039	FALSE
-0,077	0,312	-0,002	0,007	0,081	FALSE
-0,020	0,308	0,000	0,007	0,011	FALSE
0,135	0,295	0,003	0,007	0,182	FALSE
-0,118	0,297	-0,005	0,013	0,171	FALSE
0,076	0,304	0,003	0,012	0,091	FALSE
0,041	0,294	0,001	0,012	0,039	FALSE
0,003	0,306	0,000	0,006	0,001	FALSE
0,038	0,317	0,001	0,011	0,043	FALSE
-0,075	0,282	-0,003	0,013	0,088	FALSE
-0,053	0,298	-0,002	0,012	0,045	FALSE
-0,045	0,309	-0,001	0,009	0,035	FALSE
-0,001	0,307	0,000	0,010	0,004	FALSE
0,086	0,309	0,003	0,009	0,122	FALSE
-0,087	0,308	-0,002	0,008	0,098	FALSE
0,053	0,315	0,001	0,007	0,066	FALSE
-0,055	0,313	-0,002	0,011	0,056	FALSE
0,151	0,308	0,005	0,009	0,224	FALSE
-0,080	0,302	-0,002	0,007	0,092	FALSE
-0,002	0,310	0,000	0,009	0,007	FALSE
-0,095	0,302	-0,002	0,008	0,105	FALSE
0,069	0,305	0,002	0,012	0,045	FALSE
-0,085	0,308	-0,002	0,009	0,082	FALSE
0,053	0,305	0,001	0,008	0,041	FALSE
-0,072	0,304	-0,002	0,006	0,105	FALSE
0,055	0,306	0,002	0,009	0,063	FALSE
-0,022	0,312	-0,001	0,012	0,021	FALSE
-0,070	0,300	-0,002	0,008	0,071	FALSE
-0,076	0,320	-0,001	0,006	0,086	FALSE

-0,012	0,297	0,000	0,012	0,002	FALSE
0,062	0,304	0,003	0,010	0,118	FALSE
0,070	0,306	0,002	0,009	0,082	FALSE
0,009	0,303	0,000	0,010	0,011	FALSE
-0,159	0,317	-0,003	0,007	0,189	FALSE
0,020	0,303	0,001	0,009	0,051	FALSE
0,209	0,288	0,007	0,009	0,350	FALSE
-0,050	0,320	-0,002	0,013	0,058	FALSE
-0,115	0,302	-0,004	0,011	0,143	FALSE
0,100	0,298	0,002	0,008	0,106	FALSE
-0,116	0,292	-0,003	0,009	0,123	FALSE
0,141	0,304	0,004	0,008	0,192	FALSE
0,048	0,300	0,001	0,010	0,049	FALSE
-0,048	0,307	-0,001	0,008	0,048	FALSE
0,049	0,305	0,002	0,010	0,075	FALSE
-0,065	0,308	-0,002	0,008	0,081	FALSE
-0,006	0,303	0,000	0,006	0,000	FALSE
-0,003	0,303	0,000	0,008	0,009	FALSE
0,069	0,312	0,002	0,008	0,087	FALSE
-0,111	0,312	-0,004	0,011	0,158	FALSE
-0,102	0,300	-0,002	0,006	0,149	FALSE
-0,001	0,309	0,000	0,013	0,010	FALSE
0,021	0,310	0,001	0,008	0,038	FALSE
0,038	0,320	0,001	0,008	0,069	FALSE
0,091	0,306	0,004	0,010	0,141	FALSE
-0,027	0,303	-0,001	0,010	0,048	FALSE
0,092	0,313	0,003	0,010	0,123	FALSE
0,031	0,304	0,001	0,006	0,074	FALSE
0,011	0,298	0,001	0,007	0,057	FALSE
0,027	0,300	0,001	0,010	0,021	FALSE
-0,067	0,289	-0,003	0,011	0,093	FALSE
-0,032	0,300	0,000	0,007	0,025	FALSE
-0,044	0,298	-0,001	0,007	0,030	FALSE
-0,090	0,303	-0,003	0,009	0,120	FALSE
-0,031	0,313	-0,001	0,008	0,039	FALSE
-0,046	0,311	-0,001	0,007	0,058	FALSE
-0,009	0,318	0,000	0,010	0,005	FALSE
0,052	0,302	0,002	0,008	0,081	FALSE
0,025	0,301	0,001	0,007	0,059	FALSE
-0,059	0,310	-0,002	0,012	0,068	FALSE
-0,039	0,311	-0,001	0,010	0,044	FALSE
-0,049	0,318	-0,002	0,013	0,059	FALSE
-0,082	0,299	-0,003	0,012	0,085	FALSE
0,081	0,301	0,002	0,008	0,084	FALSE
0,094	0,299	0,002	0,008	0,117	FALSE
0,098	0,299	0,002	0,008	0,123	FALSE
-0,063	0,337	-0,002	0,007	0,077	FALSE
-0,114	0,297	-0,004	0,012	0,133	FALSE
-0,059	0,304	-0,003	0,012	0,108	FALSE
-0,069	0,297	-0,004	0,011	0,134	FALSE
-0,061	0,319	-0,003	0,013	0,088	FALSE
-0,011	0,305	-0,002	0,013	0,053	FALSE
-0,027	0,316	0,000	0,008	0,001	FALSE

0,105	0,303	0,003	0,007	0,175	FALSE
-0,030	0,309	-0,002	0,012	0,050	FALSE
-0,078	0,307	-0,004	0,012	0,126	FALSE
-0,026	0,299	-0,001	0,006	0,039	FALSE
0,045	0,316	0,002	0,012	0,060	FALSE
0,029	0,302	0,001	0,007	0,024	FALSE
0,022	0,292	0,001	0,008	0,037	FALSE
0,051	0,314	0,002	0,013	0,063	FALSE
-0,024	0,295	-0,001	0,012	0,042	FALSE
0,063	0,300	0,003	0,012	0,088	FALSE
0,030	0,313	0,001	0,009	0,023	FALSE
-0,003	0,307	0,000	0,007	0,001	FALSE
-0,036	0,303	-0,001	0,008	0,023	FALSE
0,002	0,308	0,000	0,006	0,008	FALSE
-0,027	0,307	-0,001	0,007	0,033	FALSE
0,112	0,312	0,003	0,007	0,155	FALSE
0,023	0,309	0,001	0,007	0,037	FALSE
-0,062	0,313	-0,001	0,006	0,063	FALSE
0,231	0,292	0,010	0,012	0,386	FALSE
0,177	0,303	0,005	0,008	0,259	FALSE
0,141	0,309	0,006	0,013	0,190	FALSE
0,013	0,314	0,000	0,013	0,003	FALSE
0,136	0,297	0,005	0,012	0,167	FALSE
-0,058	0,321	-0,002	0,009	0,093	FALSE
0,097	0,304	0,003	0,009	0,133	FALSE
-0,059	0,296	-0,002	0,009	0,083	FALSE
-0,079	0,307	-0,003	0,011	0,096	FALSE
-0,032	0,304	-0,001	0,009	0,045	FALSE
-0,108	0,291	-0,005	0,013	0,150	FALSE
-0,132	0,300	-0,003	0,007	0,172	FALSE
0,211	0,294	0,008	0,010	0,356	FALSE
0,024	0,313	0,000	0,013	0,011	FALSE
-0,044	0,320	-0,002	0,014	0,058	FALSE
0,067	0,295	0,002	0,008	0,095	FALSE
0,004	0,300	0,000	0,007	0,004	FALSE
0,044	0,311	0,002	0,010	0,056	FALSE
0,034	0,313	0,001	0,010	0,030	FALSE
0,059	0,311	0,002	0,009	0,063	FALSE
-0,022	0,324	-0,001	0,013	0,033	FALSE
-0,053	0,312	-0,002	0,013	0,070	FALSE
0,093	0,302	0,003	0,012	0,105	FALSE
0,002	0,310	0,000	0,009	0,002	FALSE
-0,037	0,307	-0,002	0,010	0,067	FALSE
-0,064	0,306	-0,002	0,013	0,050	FALSE
0,236	0,291	0,006	0,008	0,368	FALSE
0,201	0,301	0,005	0,008	0,292	FALSE
-0,185	0,303	-0,004	0,007	0,251	FALSE
0,004	0,312	0,000	0,011	0,013	FALSE
0,009	0,316	-0,001	0,013	0,014	FALSE
0,025	0,300	0,001	0,008	0,065	FALSE
-0,015	0,307	0,001	0,013	0,016	FALSE
0,076	0,315	0,002	0,009	0,092	FALSE
0,077	0,293	0,003	0,012	0,087	FALSE

-0,036	0,303	-0,002	0,010	0,064	FALSE
-0,110	0,294	-0,004	0,009	0,172	FALSE
-0,070	0,309	-0,003	0,011	0,103	FALSE
0,079	0,306	0,002	0,007	0,083	FALSE
0,079	0,309	0,002	0,010	0,095	FALSE
-0,039	0,303	0,000	0,010	0,016	FALSE
0,034	0,299	0,001	0,008	0,039	FALSE
-0,017	0,310	0,000	0,013	0,008	FALSE
-0,045	0,302	-0,001	0,007	0,043	FALSE
-0,043	0,305	-0,001	0,012	0,033	FALSE
-0,028	0,305	-0,001	0,012	0,022	FALSE
-0,011	0,309	-0,001	0,008	0,029	FALSE
-0,019	0,308	0,000	0,008	0,008	FALSE
-0,083	0,308	-0,003	0,013	0,096	FALSE
0,089	0,312	0,003	0,013	0,095	FALSE
0,024	0,309	0,001	0,008	0,052	FALSE
0,000	0,305	0,001	0,007	0,029	FALSE
0,009	0,305	0,001	0,008	0,035	FALSE
0,029	0,313	0,001	0,011	0,028	FALSE
-0,102	0,306	-0,005	0,011	0,176	FALSE
0,204	0,301	0,004	0,007	0,272	FALSE
0,102	0,304	0,002	0,007	0,119	FALSE
0,030	0,305	0,001	0,007	0,030	FALSE
0,004	0,312	0,000	0,012	0,006	FALSE
-0,054	0,312	-0,002	0,012	0,063	FALSE
0,083	0,306	0,002	0,007	0,096	FALSE
0,066	0,300	0,002	0,010	0,071	FALSE
0,038	0,303	0,001	0,012	0,036	FALSE
0,011	0,314	0,000	0,008	0,012	FALSE
0,083	0,323	0,002	0,009	0,095	FALSE
0,066	0,320	0,001	0,008	0,068	FALSE
0,040	0,307	0,001	0,011	0,033	FALSE
-0,053	0,309	-0,002	0,010	0,067	FALSE
-0,054	0,313	-0,001	0,008	0,060	FALSE
-0,089	0,300	-0,003	0,010	0,115	FALSE
-0,019	0,305	0,000	0,012	0,011	FALSE
-0,109	0,304	-0,004	0,011	0,139	FALSE
0,096	0,305	0,004	0,013	0,129	FALSE
-0,037	0,315	-0,002	0,013	0,061	FALSE
0,090	0,308	0,002	0,007	0,096	FALSE
-0,122	0,323	-0,005	0,012	0,160	FALSE
0,044	0,315	0,002	0,012	0,056	FALSE
0,000	0,308	0,000	0,009	0,004	FALSE
-0,018	0,314	-0,001	0,007	0,032	FALSE
0,032	0,319	0,001	0,009	0,035	FALSE
0,070	0,310	0,003	0,011	0,096	FALSE
-0,132	0,308	-0,003	0,007	0,181	FALSE
0,033	0,303	0,000	0,008	0,011	FALSE
-0,126	0,313	-0,003	0,006	0,171	FALSE
-0,025	0,313	-0,001	0,012	0,029	FALSE
0,034	0,302	0,002	0,011	0,062	FALSE
0,037	0,310	0,001	0,013	0,040	FALSE
-0,094	0,304	-0,002	0,010	0,098	FALSE

0,049	0,308	0,002	0,013	0,059	FALSE
0,005	0,299	0,000	0,012	0,009	FALSE
0,008	0,312	0,000	0,012	0,011	FALSE
-0,026	0,327	-0,001	0,008	0,022	FALSE
0,016	0,321	0,001	0,008	0,033	FALSE
0,064	0,311	0,003	0,012	0,110	FALSE
0,052	0,308	0,001	0,011	0,051	FALSE
0,084	0,314	0,002	0,007	0,094	FALSE
0,005	0,313	0,000	0,006	0,004	FALSE
0,032	0,308	0,001	0,006	0,034	FALSE
0,060	0,295	0,003	0,011	0,085	FALSE
0,043	0,308	0,003	0,013	0,093	FALSE
-0,031	0,312	-0,001	0,008	0,046	FALSE
0,014	0,325	0,001	0,012	0,032	FALSE
0,051	0,299	0,002	0,009	0,078	FALSE
0,060	0,302	0,002	0,006	0,109	FALSE
0,031	0,311	0,001	0,007	0,058	FALSE
-0,092	0,290	-0,002	0,007	0,127	FALSE
0,014	0,315	0,000	0,011	0,014	FALSE
-0,039	0,306	-0,001	0,006	0,057	FALSE
0,063	0,300	0,003	0,011	0,111	FALSE
0,077	0,293	0,001	0,007	0,074	FALSE
-0,039	0,306	-0,001	0,012	0,045	FALSE
-0,130	0,318	-0,003	0,007	0,207	FALSE
0,087	0,304	0,002	0,006	0,145	FALSE
-0,040	0,315	-0,001	0,009	0,045	FALSE
0,088	0,308	0,004	0,012	0,139	FALSE
0,095	0,301	0,004	0,009	0,167	FALSE
-0,062	0,310	-0,001	0,008	0,065	FALSE
-0,047	0,286	-0,002	0,009	0,074	FALSE
-0,117	0,304	-0,003	0,009	0,140	FALSE
0,002	0,305	0,000	0,009	0,010	FALSE
0,034	0,300	0,001	0,008	0,054	FALSE
0,060	0,320	0,002	0,012	0,069	FALSE
0,067	0,335	0,002	0,010	0,081	FALSE
-0,050	0,303	-0,002	0,012	0,059	FALSE
-0,017	0,302	-0,001	0,007	0,028	FALSE
0,106	0,307	0,003	0,009	0,118	FALSE
-0,161	0,288	-0,006	0,009	0,260	FALSE
-0,048	0,307	-0,002	0,013	0,053	FALSE
0,071	0,299	0,003	0,009	0,119	FALSE
-0,041	0,305	-0,001	0,007	0,045	FALSE
-0,042	0,312	-0,001	0,008	0,044	FALSE
-0,052	0,303	-0,001	0,007	0,041	FALSE
0,058	0,302	0,002	0,009	0,075	FALSE
-0,027	0,314	-0,002	0,011	0,072	FALSE
0,002	0,310	0,001	0,012	0,041	FALSE
-0,017	0,300	-0,001	0,012	0,035	FALSE
-0,015	0,320	0,000	0,011	0,013	FALSE
0,092	0,307	0,003	0,013	0,104	FALSE
0,060	0,302	0,003	0,011	0,100	FALSE
0,088	0,299	0,003	0,011	0,096	FALSE
-0,097	0,308	-0,004	0,010	0,152	FALSE

0,035	0,309	0,001	0,010	0,035	FALSE
0,013	0,303	0,001	0,008	0,026	FALSE
0,073	0,312	0,002	0,009	0,087	FALSE
0,094	0,319	0,003	0,010	0,118	FALSE
-0,065	0,313	-0,002	0,009	0,095	FALSE
-0,064	0,303	-0,002	0,007	0,101	FALSE
-0,021	0,304	0,000	0,006	0,021	FALSE
0,037	0,315	0,001	0,010	0,045	FALSE
0,047	0,305	0,001	0,012	0,043	FALSE
-0,029	0,301	-0,001	0,009	0,059	FALSE
0,056	0,305	0,003	0,012	0,091	FALSE
-0,213	0,292	-0,007	0,010	0,306	FALSE
0,085	0,315	0,002	0,007	0,088	FALSE
-0,145	0,299	-0,004	0,009	0,190	FALSE
0,101	0,298	0,002	0,008	0,100	FALSE
-0,002	0,302	0,000	0,008	0,007	FALSE
-0,160	0,304	-0,005	0,010	0,199	FALSE
0,157	0,313	0,004	0,007	0,215	FALSE
-0,063	0,320	-0,002	0,010	0,070	FALSE
0,011	0,315	0,000	0,007	0,025	FALSE
-0,125	0,308	-0,005	0,012	0,166	FALSE
-0,065	0,302	-0,003	0,011	0,091	FALSE
-0,085	0,297	-0,003	0,010	0,105	FALSE
0,090	0,310	0,002	0,007	0,096	FALSE
0,055	0,317	0,002	0,008	0,082	FALSE
0,085	0,317	0,002	0,008	0,108	FALSE
-0,001	0,302	0,000	0,011	0,002	FALSE
0,173	0,303	0,005	0,008	0,275	FALSE
-0,047	0,305	-0,001	0,007	0,033	FALSE
-0,063	0,299	-0,001	0,007	0,046	FALSE
0,016	0,318	0,001	0,007	0,040	FALSE
-0,072	0,316	-0,002	0,010	0,069	FALSE
0,009	0,292	-0,001	0,011	0,018	FALSE
0,024	0,304	0,000	0,008	0,021	FALSE
0,040	0,300	0,001	0,012	0,023	FALSE
0,035	0,312	0,001	0,013	0,018	FALSE
0,025	0,286	0,000	0,012	0,013	FALSE
-0,035	0,312	-0,001	0,011	0,024	FALSE
-0,110	0,298	-0,004	0,009	0,163	FALSE
-0,110	0,294	-0,003	0,009	0,119	FALSE
-0,079	0,307	-0,002	0,007	0,100	FALSE
-0,024	0,322	-0,001	0,013	0,030	FALSE
0,029	0,322	0,001	0,006	0,043	FALSE
0,079	0,306	0,003	0,012	0,096	FALSE
-0,035	0,311	-0,002	0,012	0,058	FALSE
0,024	0,303	0,001	0,008	0,034	FALSE
0,122	0,312	0,004	0,012	0,131	FALSE
0,108	0,296	0,004	0,012	0,122	FALSE
0,118	0,311	0,004	0,012	0,127	FALSE
0,128	0,312	0,003	0,008	0,155	FALSE
-0,100	0,303	-0,002	0,008	0,113	FALSE
0,080	0,305	0,003	0,010	0,121	FALSE
-0,113	0,306	-0,003	0,008	0,127	FALSE

0,069	0,301	0,002	0,009	0,085	FALSE
0,027	0,302	0,002	0,012	0,051	FALSE
-0,111	0,314	-0,005	0,013	0,166	FALSE
0,030	0,305	0,001	0,011	0,037	FALSE
-0,040	0,317	-0,002	0,011	0,052	FALSE
-0,105	0,293	-0,004	0,010	0,175	FALSE
-0,048	0,303	-0,001	0,009	0,045	FALSE
0,061	0,319	0,001	0,008	0,071	FALSE
-0,071	0,298	-0,003	0,012	0,096	FALSE
0,129	0,296	0,004	0,009	0,178	FALSE
0,081	0,314	0,002	0,009	0,087	FALSE
0,054	0,315	0,002	0,009	0,086	FALSE
-0,046	0,314	-0,002	0,009	0,071	FALSE
-0,010	0,299	0,000	0,007	0,024	FALSE
0,000	0,317	0,000	0,007	0,023	FALSE
0,040	0,306	0,001	0,007	0,045	FALSE
0,085	0,311	0,002	0,008	0,113	FALSE
-0,091	0,322	-0,003	0,011	0,124	FALSE
-0,035	0,300	-0,001	0,009	0,048	FALSE
-0,066	0,301	-0,002	0,007	0,081	FALSE
0,163	0,310	0,004	0,007	0,241	FALSE
0,047	0,312	0,001	0,009	0,048	FALSE
0,019	0,311	0,000	0,011	0,014	FALSE
0,174	0,288	0,004	0,006	0,271	FALSE
-0,159	0,308	-0,007	0,012	0,275	FALSE
0,138	0,299	0,006	0,013	0,210	FALSE
0,135	0,322	0,006	0,013	0,199	FALSE
0,076	0,317	0,003	0,010	0,111	FALSE
-0,020	0,301	-0,001	0,010	0,022	FALSE
0,166	0,304	0,006	0,012	0,209	FALSE
0,011	0,314	0,000	0,009	0,011	FALSE
0,036	0,292	0,003	0,011	0,103	FALSE
0,049	0,307	0,002	0,007	0,084	FALSE
-0,069	0,316	-0,002	0,009	0,071	FALSE
0,018	0,318	0,002	0,011	0,064	FALSE
-0,119	0,317	-0,004	0,009	0,157	FALSE
0,074	0,309	0,003	0,012	0,104	FALSE
0,099	0,302	0,003	0,010	0,104	FALSE
-0,048	0,308	-0,002	0,012	0,066	FALSE
0,010	0,311	0,000	0,012	0,009	FALSE
0,033	0,302	0,001	0,010	0,041	FALSE
-0,065	0,317	-0,001	0,007	0,074	FALSE
0,121	0,295	0,005	0,011	0,176	FALSE
-0,105	0,312	-0,005	0,013	0,157	FALSE
0,037	0,307	0,002	0,013	0,066	FALSE
-0,071	0,305	-0,003	0,013	0,094	FALSE
0,125	0,306	0,004	0,010	0,174	FALSE
0,015	0,312	0,000	0,006	0,016	FALSE
0,111	0,327	0,005	0,014	0,151	FALSE
0,055	0,305	0,002	0,011	0,088	FALSE
0,077	0,302	0,003	0,010	0,102	FALSE
-0,047	0,298	-0,001	0,007	0,050	FALSE
0,072	0,309	0,002	0,010	0,094	FALSE

0,026	0,311	0,001	0,012	0,031	FALSE
-0,150	0,294	-0,004	0,007	0,201	FALSE
-0,041	0,303	-0,001	0,011	0,025	FALSE
-0,049	0,314	-0,001	0,008	0,057	FALSE
-0,164	0,303	-0,004	0,007	0,223	FALSE
-0,053	0,305	-0,002	0,009	0,075	FALSE
-0,065	0,306	-0,003	0,010	0,114	FALSE
0,006	0,315	0,000	0,007	0,017	FALSE
-0,135	0,302	-0,003	0,006	0,183	FALSE
0,095	0,303	0,003	0,010	0,133	FALSE
0,022	0,311	0,001	0,008	0,043	FALSE
0,200	0,292	0,007	0,010	0,336	FALSE
0,040	0,306	0,001	0,008	0,069	FALSE
-0,048	0,302	-0,002	0,010	0,055	FALSE
-0,063	0,298	-0,003	0,010	0,119	FALSE
-0,005	0,301	0,000	0,013	0,000	FALSE
-0,004	0,306	0,000	0,008	0,009	FALSE
0,009	0,314	0,000	0,012	0,011	FALSE
-0,090	0,315	-0,004	0,013	0,120	FALSE
-0,080	0,316	-0,003	0,012	0,097	FALSE
-0,025	0,297	0,000	0,008	0,012	FALSE
0,004	0,308	0,000	0,006	0,005	FALSE
0,054	0,308	0,002	0,011	0,052	FALSE
0,168	0,311	0,007	0,012	0,257	FALSE
-0,035	0,308	-0,001	0,011	0,045	FALSE
0,047	0,321	0,001	0,007	0,037	FALSE
-0,017	0,294	0,000	0,008	0,010	FALSE
0,066	0,303	0,003	0,010	0,102	FALSE
0,078	0,317	0,003	0,013	0,096	FALSE
0,003	0,321	0,001	0,014	0,018	FALSE
0,072	0,302	0,001	0,006	0,085	FALSE
-0,028	0,299	-0,002	0,012	0,056	FALSE
-0,043	0,307	-0,001	0,007	0,057	FALSE
-0,144	0,298	-0,004	0,007	0,236	FALSE
0,151	0,301	0,004	0,009	0,176	FALSE
0,034	0,305	0,001	0,009	0,058	FALSE
0,117	0,290	0,006	0,012	0,222	FALSE
0,000	0,300	-0,001	0,012	0,024	FALSE
-0,026	0,318	-0,001	0,007	0,042	FALSE
-0,056	0,314	-0,002	0,008	0,092	FALSE
0,206	0,304	0,009	0,013	0,300	FALSE
-0,062	0,309	-0,002	0,011	0,083	FALSE
0,081	0,304	0,003	0,011	0,104	FALSE
0,012	0,294	0,000	0,009	0,007	FALSE
0,020	0,313	0,000	0,007	0,023	FALSE
-0,045	0,313	-0,001	0,007	0,043	FALSE
-0,018	0,317	0,000	0,006	0,022	FALSE
0,030	0,307	0,001	0,007	0,037	FALSE
0,009	0,312	0,000	0,012	0,004	FALSE
0,035	0,307	0,001	0,007	0,042	FALSE
0,009	0,301	0,000	0,008	0,010	FALSE
0,002	0,310	0,001	0,009	0,026	FALSE
0,089	0,297	0,004	0,009	0,166	FALSE

0,041	0,311	0,001	0,013	0,038	FALSE
-0,023	0,300	-0,001	0,012	0,029	FALSE
-0,029	0,305	-0,001	0,010	0,022	FALSE
-0,127	0,316	-0,002	0,007	0,141	FALSE
-0,051	0,306	-0,001	0,008	0,058	FALSE
0,134	0,306	0,003	0,008	0,146	FALSE
-0,084	0,305	-0,003	0,012	0,093	FALSE
0,050	0,308	0,002	0,012	0,075	FALSE
-0,121	0,307	-0,002	0,007	0,144	FALSE
-0,149	0,300	-0,005	0,009	0,229	FALSE
-0,071	0,303	-0,003	0,010	0,096	FALSE
0,000	0,303	0,001	0,008	0,024	FALSE
0,052	0,293	0,001	0,007	0,078	FALSE
0,045	0,310	0,001	0,006	0,065	FALSE
-0,085	0,295	-0,005	0,012	0,155	FALSE
0,055	0,303	0,002	0,012	0,075	FALSE
-0,075	0,311	-0,004	0,013	0,107	FALSE
0,030	0,302	0,001	0,007	0,060	FALSE
0,080	0,310	0,002	0,007	0,105	FALSE
0,017	0,284	0,001	0,009	0,036	FALSE
0,026	0,299	0,001	0,008	0,036	FALSE
-0,055	0,305	-0,002	0,009	0,067	FALSE
0,127	0,302	0,005	0,011	0,181	FALSE
-0,116	0,296	-0,003	0,007	0,158	FALSE
0,166	0,299	0,003	0,007	0,201	FALSE
0,083	0,309	0,004	0,012	0,134	FALSE
0,078	0,305	0,002	0,007	0,103	FALSE
0,043	0,318	0,001	0,008	0,041	FALSE
-0,100	0,312	-0,004	0,010	0,148	FALSE
-0,019	0,302	0,000	0,006	0,022	FALSE
0,101	0,314	0,004	0,011	0,145	FALSE
-0,117	0,311	-0,002	0,006	0,156	FALSE
0,071	0,308	0,003	0,013	0,076	FALSE
0,010	0,312	0,001	0,011	0,033	FALSE
-0,006	0,310	0,001	0,010	0,024	FALSE
-0,013	0,300	0,000	0,011	0,009	FALSE
0,032	0,305	0,001	0,008	0,052	FALSE
-0,014	0,306	-0,001	0,008	0,026	FALSE
-0,182	0,309	-0,005	0,009	0,229	FALSE
0,120	0,300	0,004	0,009	0,182	FALSE
0,109	0,304	0,003	0,008	0,151	FALSE
-0,062	0,308	-0,002	0,010	0,087	FALSE
0,024	0,314	0,002	0,013	0,044	FALSE
-0,018	0,316	0,000	0,013	0,009	FALSE
0,068	0,294	0,002	0,008	0,072	FALSE
0,027	0,300	0,001	0,010	0,019	FALSE
-0,048	0,303	-0,001	0,007	0,076	FALSE
0,053	0,307	0,001	0,007	0,087	FALSE
-0,067	0,315	-0,002	0,010	0,071	FALSE
-0,004	0,297	-0,001	0,007	0,044	FALSE
0,118	0,307	0,006	0,013	0,189	FALSE
-0,048	0,302	-0,002	0,008	0,097	FALSE
-0,027	0,296	-0,002	0,010	0,059	FALSE

0,083	0,304	0,002	0,008	0,112	FALSE
0,095	0,306	0,003	0,010	0,113	FALSE
-0,021	0,291	-0,001	0,006	0,033	FALSE
-0,055	0,299	-0,002	0,013	0,055	FALSE
0,054	0,307	0,002	0,013	0,069	FALSE
0,254	0,281	0,010	0,011	0,424	FALSE
-0,076	0,299	-0,003	0,012	0,098	FALSE
-0,152	0,308	-0,007	0,012	0,232	FALSE
0,091	0,294	0,003	0,009	0,151	FALSE
-0,208	0,296	-0,005	0,007	0,320	FALSE
-0,195	0,308	-0,004	0,007	0,284	FALSE
-0,011	0,296	-0,001	0,011	0,022	FALSE
0,083	0,317	0,002	0,007	0,096	FALSE
0,019	0,307	0,001	0,012	0,024	FALSE
-0,027	0,307	-0,001	0,013	0,034	FALSE
-0,082	0,289	-0,003	0,010	0,115	FALSE
-0,153	0,311	-0,003	0,007	0,195	FALSE
0,005	0,313	0,001	0,013	0,019	FALSE
-0,095	0,301	-0,003	0,010	0,127	FALSE
-0,033	0,318	-0,001	0,009	0,027	FALSE
0,018	0,294	0,001	0,006	0,052	FALSE
0,017	0,306	0,002	0,011	0,057	FALSE
0,060	0,308	0,001	0,007	0,067	FALSE
-0,025	0,306	-0,001	0,013	0,033	FALSE
-0,100	0,318	-0,003	0,008	0,140	FALSE
0,088	0,318	0,005	0,013	0,138	FALSE
0,142	0,296	0,006	0,012	0,200	FALSE
0,120	0,304	0,006	0,013	0,196	FALSE
-0,029	0,312	-0,002	0,012	0,049	FALSE
-0,077	0,314	-0,002	0,007	0,101	FALSE
-0,129	0,310	-0,003	0,007	0,164	FALSE
-0,040	0,300	-0,001	0,007	0,038	FALSE
-0,074	0,313	-0,002	0,008	0,080	FALSE
0,031	0,308	0,001	0,006	0,044	FALSE
0,033	0,305	0,000	0,006	0,009	FALSE
0,115	0,305	0,003	0,009	0,127	FALSE
0,053	0,297	0,002	0,009	0,078	FALSE
0,055	0,307	0,002	0,010	0,071	FALSE
0,017	0,314	0,000	0,007	0,011	FALSE
-0,063	0,322	-0,003	0,010	0,101	FALSE
-0,043	0,299	-0,001	0,009	0,043	FALSE
0,038	0,306	0,001	0,011	0,044	FALSE
-0,018	0,310	-0,001	0,013	0,020	FALSE
0,084	0,305	0,002	0,009	0,083	FALSE
-0,084	0,301	-0,002	0,008	0,100	FALSE
-0,004	0,304	0,000	0,009	0,011	FALSE
0,074	0,302	0,002	0,008	0,079	FALSE
-0,010	0,311	0,000	0,008	0,015	FALSE
0,118	0,318	0,005	0,012	0,169	FALSE
0,045	0,314	0,001	0,008	0,041	FALSE
-0,122	0,300	-0,003	0,008	0,152	FALSE
-0,029	0,316	-0,001	0,012	0,036	FALSE
-0,025	0,304	-0,001	0,007	0,039	FALSE

0,024	0,313	0,001	0,011	0,042	FALSE
0,019	0,305	0,001	0,010	0,036	FALSE
0,009	0,314	0,001	0,011	0,017	FALSE
0,110	0,317	0,003	0,008	0,124	FALSE
-0,024	0,318	-0,001	0,010	0,020	FALSE
0,202	0,285	0,005	0,007	0,267	FALSE
-0,153	0,280	-0,006	0,011	0,242	FALSE
0,105	0,308	0,004	0,012	0,133	FALSE
0,092	0,306	0,002	0,007	0,112	FALSE
0,016	0,309	0,000	0,013	0,011	FALSE
-0,107	0,304	-0,003	0,007	0,146	FALSE
-0,119	0,308	-0,004	0,012	0,143	FALSE
-0,031	0,297	-0,001	0,009	0,026	FALSE
0,040	0,307	0,001	0,007	0,070	FALSE
0,097	0,311	0,002	0,009	0,104	FALSE
-0,032	0,314	-0,002	0,009	0,075	FALSE
0,041	0,314	0,002	0,013	0,064	FALSE
-0,037	0,296	0,000	0,010	0,008	FALSE
0,086	0,308	0,002	0,009	0,085	FALSE
0,133	0,289	0,003	0,008	0,164	FALSE
0,074	0,303	0,002	0,009	0,081	FALSE
-0,043	0,302	-0,001	0,007	0,051	FALSE
-0,189	0,296	-0,006	0,010	0,296	FALSE
-0,070	0,316	-0,002	0,008	0,069	FALSE
0,078	0,298	0,003	0,013	0,076	FALSE
-0,054	0,312	-0,001	0,008	0,046	FALSE
0,115	0,309	0,004	0,011	0,159	FALSE
0,120	0,310	0,004	0,008	0,187	FALSE
0,114	0,292	0,003	0,008	0,141	FALSE
0,130	0,305	0,004	0,009	0,223	FALSE
-0,071	0,298	-0,001	0,008	0,068	FALSE
0,142	0,304	0,006	0,010	0,233	FALSE
-0,118	0,311	-0,003	0,010	0,128	FALSE
-0,044	0,316	-0,001	0,008	0,039	FALSE
-0,133	0,300	-0,006	0,012	0,206	FALSE
0,002	0,305	0,001	0,010	0,022	FALSE
-0,128	0,312	-0,003	0,009	0,137	FALSE
0,004	0,305	0,000	0,012	0,011	FALSE
-0,007	0,299	0,000	0,007	0,016	FALSE
0,074	0,310	0,003	0,012	0,092	FALSE
0,015	0,315	0,001	0,013	0,031	FALSE
0,006	0,306	0,000	0,007	0,022	FALSE
0,044	0,312	0,002	0,013	0,071	FALSE
-0,096	0,293	-0,004	0,012	0,141	FALSE
0,088	0,303	0,002	0,006	0,107	FALSE
-0,140	0,306	-0,007	0,013	0,222	FALSE
-0,042	0,309	-0,002	0,009	0,074	FALSE
-0,107	0,305	-0,003	0,009	0,139	FALSE
-0,105	0,298	-0,004	0,012	0,145	FALSE
-0,017	0,291	-0,001	0,008	0,066	FALSE
0,009	0,303	0,000	0,008	0,018	FALSE
-0,038	0,311	-0,001	0,011	0,042	FALSE
0,124	0,300	0,003	0,008	0,180	FALSE

0,072	0,303	0,003	0,011	0,115	FALSE
-0,195	0,294	-0,006	0,009	0,275	FALSE
-0,025	0,294	-0,001	0,010	0,028	FALSE
0,095	0,302	0,006	0,013	0,187	FALSE
-0,123	0,303	-0,003	0,007	0,165	FALSE
0,147	0,300	0,007	0,012	0,269	FALSE
0,085	0,313	0,005	0,013	0,152	FALSE
0,107	0,314	0,006	0,013	0,194	FALSE
0,073	0,306	0,004	0,013	0,128	FALSE
0,121	0,303	0,007	0,013	0,215	FALSE
0,133	0,299	0,007	0,012	0,236	FALSE
0,148	0,289	0,007	0,012	0,278	FALSE
-0,041	0,308	-0,001	0,009	0,057	FALSE
-0,068	0,306	-0,001	0,009	0,043	FALSE
-0,035	0,327	-0,001	0,010	0,047	FALSE
-0,161	0,292	-0,003	0,007	0,188	FALSE
-0,009	0,293	-0,001	0,011	0,021	FALSE
-0,045	0,310	-0,002	0,009	0,081	FALSE
-0,101	0,305	-0,002	0,007	0,104	FALSE
-0,061	0,310	-0,002	0,011	0,071	FALSE
-0,047	0,291	-0,001	0,012	0,018	FALSE
-0,001	0,292	0,000	0,009	0,009	FALSE
0,091	0,312	0,002	0,009	0,096	FALSE
0,055	0,307	0,002	0,009	0,079	FALSE
-0,034	0,308	-0,001	0,007	0,029	FALSE
0,067	0,301	0,002	0,009	0,101	FALSE
-0,063	0,298	-0,001	0,006	0,050	FALSE
-0,041	0,303	0,000	0,006	0,027	FALSE
-0,048	0,296	-0,002	0,010	0,059	FALSE
-0,069	0,306	-0,001	0,006	0,069	FALSE
-0,041	0,320	-0,001	0,010	0,042	FALSE
-0,060	0,299	-0,003	0,011	0,112	FALSE
0,042	0,301	0,002	0,013	0,054	FALSE
-0,050	0,320	-0,001	0,010	0,049	FALSE
0,020	0,311	0,000	0,007	0,022	FALSE
0,072	0,312	0,002	0,007	0,098	FALSE
0,050	0,306	0,002	0,012	0,051	FALSE
-0,002	0,298	-0,001	0,007	0,029	FALSE
-0,003	0,310	-0,001	0,011	0,036	FALSE
0,098	0,312	0,003	0,010	0,118	FALSE
-0,051	0,318	-0,003	0,013	0,075	FALSE
-0,051	0,311	-0,001	0,009	0,025	FALSE
0,071	0,304	0,003	0,010	0,094	FALSE
0,013	0,304	0,000	0,007	0,006	FALSE
-0,091	0,309	-0,004	0,012	0,144	FALSE
-0,118	0,302	-0,003	0,006	0,161	FALSE
-0,141	0,316	-0,003	0,007	0,162	FALSE
-0,030	0,302	0,000	0,006	0,016	FALSE
-0,057	0,316	-0,001	0,006	0,046	FALSE
-0,005	0,311	-0,001	0,011	0,027	FALSE
0,089	0,312	0,002	0,007	0,133	FALSE
0,006	0,317	-0,001	0,011	0,024	FALSE
0,061	0,290	0,001	0,009	0,053	FALSE

-0,067	0,295	-0,004	0,010	0,148	FALSE
-0,099	0,292	-0,003	0,011	0,092	FALSE
-0,005	0,310	-0,001	0,011	0,024	FALSE
0,013	0,308	0,000	0,007	0,021	FALSE
0,026	0,305	0,001	0,009	0,046	FALSE
0,063	0,312	0,001	0,007	0,041	FALSE
0,061	0,313	0,002	0,012	0,058	FALSE
0,012	0,316	0,000	0,012	0,009	FALSE
0,032	0,296	0,002	0,010	0,061	FALSE
0,068	0,309	0,003	0,013	0,091	FALSE
0,006	0,316	0,000	0,007	0,005	FALSE
0,019	0,305	0,001	0,006	0,029	FALSE
-0,008	0,311	0,000	0,006	0,009	FALSE
0,008	0,309	0,001	0,012	0,038	FALSE
0,009	0,308	0,001	0,013	0,030	FALSE
0,017	0,307	0,001	0,012	0,033	FALSE
-0,054	0,306	-0,001	0,009	0,044	FALSE
-0,053	0,320	-0,001	0,007	0,051	FALSE
-0,051	0,308	-0,001	0,008	0,065	FALSE
0,029	0,295	0,001	0,009	0,042	FALSE
-0,099	0,303	-0,002	0,007	0,106	FALSE
-0,117	0,313	-0,002	0,008	0,125	FALSE
-0,106	0,292	-0,002	0,007	0,110	FALSE
-0,087	0,305	-0,002	0,008	0,083	FALSE
-0,012	0,310	0,000	0,012	0,006	FALSE
0,074	0,311	0,002	0,007	0,083	FALSE
-0,004	0,305	0,000	0,008	0,010	FALSE
0,016	0,298	0,000	0,006	0,007	FALSE
-0,020	0,310	0,000	0,008	0,020	FALSE
0,178	0,297	0,008	0,012	0,295	FALSE
-0,003	0,294	0,000	0,011	0,012	FALSE
0,012	0,306	0,000	0,010	0,006	FALSE
-0,009	0,304	-0,001	0,011	0,036	FALSE
0,061	0,319	0,001	0,010	0,042	FALSE
0,046	0,311	0,001	0,007	0,067	FALSE
0,039	0,298	0,001	0,006	0,077	FALSE
-0,011	0,312	0,000	0,009	0,014	FALSE
-0,013	0,318	0,000	0,009	0,013	FALSE
0,028	0,314	0,001	0,010	0,022	FALSE
0,060	0,310	0,003	0,010	0,105	FALSE
-0,021	0,313	-0,001	0,011	0,035	FALSE
0,093	0,299	0,004	0,012	0,131	FALSE
0,089	0,314	0,004	0,012	0,111	FALSE
-0,051	0,293	-0,003	0,013	0,075	FALSE
0,001	0,314	-0,001	0,009	0,026	FALSE
-0,076	0,307	-0,002	0,008	0,091	FALSE
0,069	0,314	0,003	0,012	0,097	FALSE
0,071	0,313	0,003	0,012	0,085	FALSE
0,060	0,307	0,002	0,011	0,066	FALSE
-0,009	0,312	0,000	0,011	0,014	FALSE
-0,167	0,290	-0,005	0,009	0,246	FALSE
-0,118	0,302	-0,003	0,007	0,157	FALSE
-0,028	0,309	-0,001	0,013	0,032	FALSE

-0,026	0,306	-0,001	0,009	0,039	FALSE
-0,058	0,309	-0,003	0,013	0,087	FALSE
0,095	0,296	0,004	0,012	0,132	FALSE
0,066	0,293	0,002	0,012	0,080	FALSE
-0,024	0,315	0,000	0,008	0,019	FALSE
0,047	0,298	0,002	0,011	0,076	FALSE
0,032	0,311	0,001	0,010	0,042	FALSE
0,039	0,305	0,001	0,009	0,040	FALSE
0,007	0,299	0,000	0,009	0,003	FALSE
-0,028	0,307	0,000	0,010	0,005	FALSE
-0,090	0,312	-0,004	0,010	0,136	FALSE
-0,091	0,302	-0,004	0,011	0,155	FALSE
-0,061	0,313	-0,003	0,013	0,097	FALSE
-0,023	0,318	-0,001	0,011	0,031	FALSE
0,077	0,305	0,002	0,008	0,094	FALSE
-0,022	0,307	-0,002	0,012	0,052	FALSE
-0,005	0,298	0,000	0,009	0,006	FALSE
-0,059	0,312	-0,002	0,009	0,081	FALSE
0,037	0,308	0,001	0,009	0,027	FALSE
0,005	0,320	0,000	0,009	0,011	FALSE
0,121	0,287	0,003	0,008	0,161	FALSE
-0,011	0,314	0,000	0,008	0,021	FALSE
0,075	0,291	0,003	0,010	0,132	FALSE
0,037	0,316	0,001	0,013	0,016	FALSE
-0,007	0,315	0,000	0,010	0,008	FALSE
-0,119	0,314	-0,003	0,009	0,140	FALSE
0,080	0,306	0,004	0,013	0,120	FALSE
0,053	0,310	0,001	0,007	0,038	FALSE
-0,033	0,309	-0,001	0,009	0,025	FALSE
-0,021	0,319	-0,001	0,012	0,039	FALSE
-0,041	0,306	-0,001	0,007	0,072	FALSE
0,011	0,309	0,000	0,007	0,012	FALSE
0,064	0,306	0,002	0,012	0,066	FALSE
-0,016	0,317	-0,001	0,008	0,035	FALSE
-0,007	0,313	0,000	0,007	0,009	FALSE
-0,062	0,315	-0,002	0,010	0,072	FALSE
0,019	0,299	0,000	0,011	0,004	FALSE
0,027	0,314	0,000	0,007	0,026	FALSE
0,065	0,297	0,002	0,012	0,078	FALSE
-0,059	0,295	-0,002	0,011	0,059	FALSE
0,019	0,301	0,001	0,013	0,032	FALSE
0,025	0,324	0,001	0,010	0,029	FALSE
0,024	0,300	0,000	0,012	0,006	FALSE
0,009	0,294	-0,001	0,011	0,033	FALSE
0,013	0,295	-0,001	0,012	0,034	FALSE
0,015	0,302	-0,001	0,012	0,030	FALSE
0,061	0,308	0,002	0,007	0,095	FALSE
0,151	0,297	0,006	0,012	0,228	FALSE
-0,028	0,284	-0,001	0,011	0,017	FALSE
-0,002	0,308	0,000	0,013	0,011	FALSE
0,044	0,301	0,002	0,012	0,049	FALSE
0,031	0,308	0,001	0,007	0,027	FALSE
-0,039	0,303	-0,001	0,012	0,036	FALSE

0,014	0,304	0,001	0,007	0,033	FALSE
-0,003	0,308	-0,001	0,012	0,030	FALSE
0,065	0,314	0,001	0,008	0,071	FALSE
0,042	0,305	0,003	0,009	0,115	FALSE
0,019	0,307	0,000	0,007	0,011	FALSE
0,187	0,304	0,009	0,013	0,295	FALSE
-0,060	0,304	-0,001	0,009	0,052	FALSE
0,004	0,308	0,001	0,007	0,036	FALSE
0,031	0,302	0,001	0,012	0,037	FALSE
-0,159	0,297	-0,006	0,013	0,216	FALSE
0,074	0,303	0,003	0,012	0,103	FALSE
0,065	0,309	0,002	0,008	0,080	FALSE
0,002	0,313	0,000	0,006	0,018	FALSE
-0,043	0,303	-0,002	0,013	0,056	FALSE
0,048	0,310	0,001	0,007	0,059	FALSE
0,063	0,311	0,002	0,008	0,082	FALSE
-0,067	0,310	-0,003	0,010	0,104	FALSE
0,022	0,308	0,001	0,012	0,046	FALSE
-0,112	0,290	-0,005	0,013	0,156	FALSE
-0,186	0,311	-0,004	0,008	0,254	FALSE
-0,049	0,308	-0,001	0,007	0,026	FALSE
-0,019	0,313	-0,002	0,013	0,050	FALSE
0,122	0,305	0,004	0,008	0,182	FALSE
-0,009	0,317	0,000	0,009	0,007	FALSE
-0,014	0,315	0,000	0,007	0,009	FALSE
0,051	0,322	0,002	0,013	0,070	FALSE
-0,045	0,306	-0,001	0,008	0,037	FALSE
0,054	0,301	0,001	0,006	0,063	FALSE
0,000	0,313	0,000	0,011	0,012	FALSE
0,019	0,307	0,001	0,008	0,034	FALSE
0,022	0,304	0,001	0,008	0,035	FALSE
0,009	0,293	0,000	0,007	0,002	FALSE
0,005	0,299	0,000	0,006	0,004	FALSE
0,005	0,311	0,000	0,007	0,007	FALSE
-0,062	0,319	-0,002	0,011	0,069	FALSE
0,058	0,325	0,001	0,007	0,064	FALSE
-0,022	0,303	-0,001	0,007	0,036	FALSE
0,013	0,302	0,000	0,007	0,018	FALSE
0,042	0,300	0,001	0,008	0,056	FALSE
0,038	0,318	0,001	0,013	0,033	FALSE
-0,013	0,310	0,000	0,010	0,007	FALSE
0,038	0,306	0,001	0,008	0,028	FALSE
0,080	0,303	0,003	0,009	0,115	FALSE
-0,084	0,304	-0,004	0,013	0,127	FALSE
-0,115	0,296	-0,002	0,007	0,144	FALSE
-0,005	0,319	0,000	0,007	0,009	FALSE
-0,084	0,305	-0,002	0,006	0,117	FALSE
0,111	0,303	0,002	0,007	0,127	FALSE
0,069	0,302	0,001	0,009	0,055	FALSE
0,127	0,300	0,005	0,009	0,201	FALSE
-0,092	0,311	-0,002	0,007	0,105	FALSE
-0,153	0,318	-0,006	0,011	0,218	FALSE
0,115	0,298	0,004	0,009	0,164	FALSE

0,150	0,314	0,004	0,007	0,215	FALSE
-0,107	0,317	-0,004	0,011	0,154	FALSE
0,025	0,302	0,001	0,008	0,039	FALSE
0,039	0,330	0,002	0,013	0,052	FALSE
-0,061	0,312	-0,002	0,012	0,063	FALSE
0,028	0,302	0,001	0,009	0,044	FALSE
-0,083	0,308	-0,002	0,007	0,097	FALSE
0,068	0,311	0,003	0,012	0,088	FALSE
-0,134	0,305	-0,005	0,012	0,161	FALSE
0,021	0,322	0,000	0,013	0,002	FALSE
0,033	0,313	0,001	0,011	0,047	FALSE
-0,090	0,306	-0,003	0,011	0,100	FALSE
-0,042	0,312	-0,001	0,007	0,037	FALSE
-0,027	0,306	0,000	0,006	0,025	FALSE
0,094	0,294	0,003	0,008	0,153	FALSE
0,008	0,310	0,000	0,007	0,014	FALSE
0,017	0,319	0,001	0,008	0,025	FALSE
-0,038	0,309	0,000	0,007	0,006	FALSE
0,010	0,310	0,000	0,007	0,024	FALSE
-0,038	0,298	-0,001	0,011	0,037	FALSE
0,081	0,301	0,002	0,010	0,087	FALSE
-0,023	0,311	0,000	0,009	0,009	FALSE
-0,035	0,319	-0,001	0,007	0,045	FALSE
-0,053	0,304	-0,001	0,009	0,040	FALSE
-0,012	0,304	0,000	0,009	0,014	FALSE
0,217	0,302	0,005	0,008	0,284	FALSE
-0,023	0,299	-0,001	0,012	0,026	FALSE
0,013	0,308	0,000	0,013	0,007	FALSE
0,023	0,307	0,000	0,012	0,002	FALSE
-0,039	0,306	-0,002	0,012	0,077	FALSE
0,103	0,300	0,003	0,009	0,138	FALSE
-0,033	0,314	-0,001	0,008	0,032	FALSE
-0,051	0,306	-0,001	0,012	0,030	FALSE
-0,052	0,302	-0,002	0,010	0,063	FALSE
0,031	0,308	0,001	0,011	0,024	FALSE
-0,001	0,319	-0,001	0,012	0,036	FALSE
-0,126	0,303	-0,004	0,013	0,130	FALSE
0,073	0,300	0,002	0,011	0,054	FALSE
-0,018	0,291	0,001	0,009	0,024	FALSE
0,108	0,304	0,002	0,007	0,119	FALSE
0,079	0,307	0,002	0,007	0,082	FALSE
-0,031	0,303	-0,001	0,012	0,024	FALSE
-0,022	0,298	-0,002	0,008	0,071	FALSE
-0,031	0,310	-0,001	0,007	0,059	FALSE
-0,017	0,301	-0,001	0,009	0,022	FALSE
0,013	0,311	0,001	0,009	0,032	FALSE
0,023	0,294	0,001	0,009	0,037	FALSE
-0,002	0,307	0,000	0,010	0,005	FALSE
0,016	0,308	0,001	0,010	0,032	FALSE
0,013	0,307	0,001	0,009	0,029	FALSE
-0,045	0,310	-0,001	0,006	0,041	FALSE
-0,025	0,303	-0,001	0,010	0,052	FALSE
-0,018	0,321	0,000	0,007	0,005	FALSE

-0,060	0,307	-0,003	0,012	0,105	FALSE
-0,008	0,318	0,000	0,007	0,006	FALSE
-0,027	0,296	-0,002	0,012	0,049	FALSE
-0,082	0,295	-0,004	0,011	0,128	FALSE
0,022	0,315	0,001	0,008	0,027	FALSE
-0,057	0,296	-0,001	0,009	0,043	FALSE
-0,081	0,318	-0,002	0,007	0,087	FALSE
-0,069	0,313	-0,003	0,012	0,086	FALSE
0,181	0,288	0,005	0,008	0,247	FALSE
0,053	0,320	0,001	0,013	0,030	FALSE
0,051	0,311	0,002	0,013	0,045	FALSE
0,061	0,322	0,002	0,013	0,064	FALSE
0,002	0,316	0,000	0,012	0,008	FALSE
0,013	0,309	0,000	0,012	0,005	FALSE
0,015	0,305	0,000	0,012	0,008	FALSE
0,013	0,304	0,000	0,008	0,002	FALSE
0,040	0,311	0,001	0,007	0,050	FALSE
-0,020	0,319	-0,001	0,007	0,038	FALSE
0,036	0,301	0,001	0,010	0,051	FALSE
0,040	0,308	0,002	0,013	0,056	FALSE
0,047	0,318	0,002	0,012	0,053	FALSE
-0,050	0,310	-0,001	0,007	0,052	FALSE
-0,007	0,297	0,000	0,009	0,015	FALSE
-0,020	0,306	-0,001	0,013	0,035	FALSE
-0,020	0,311	-0,002	0,012	0,061	FALSE
0,116	0,311	0,003	0,008	0,160	FALSE
0,064	0,313	0,002	0,010	0,063	FALSE
0,019	0,308	0,001	0,010	0,051	FALSE
-0,062	0,310	-0,001	0,007	0,072	FALSE
0,060	0,303	0,001	0,006	0,062	FALSE
-0,171	0,310	-0,004	0,007	0,230	FALSE
-0,097	0,315	-0,003	0,008	0,135	FALSE
0,061	0,327	0,002	0,011	0,071	FALSE
0,137	0,298	0,003	0,006	0,188	FALSE
-0,007	0,309	0,000	0,010	0,002	FALSE
-0,096	0,293	-0,004	0,010	0,151	FALSE
-0,020	0,318	-0,001	0,011	0,049	FALSE
-0,028	0,319	0,000	0,008	0,011	FALSE
0,052	0,316	0,001	0,009	0,058	FALSE
0,018	0,299	0,000	0,006	0,011	FALSE
0,065	0,305	0,002	0,009	0,080	FALSE
-0,072	0,302	-0,002	0,008	0,111	FALSE
-0,077	0,314	-0,001	0,007	0,065	FALSE
0,051	0,314	0,002	0,011	0,055	FALSE
0,016	0,303	0,001	0,012	0,037	FALSE
-0,120	0,309	-0,002	0,006	0,148	FALSE
0,146	0,299	0,005	0,011	0,192	FALSE
-0,146	0,299	-0,003	0,007	0,220	FALSE
-0,075	0,303	-0,002	0,008	0,099	FALSE
0,015	0,306	-0,001	0,012	0,015	FALSE
0,015	0,306	0,000	0,012	0,008	FALSE
0,019	0,304	0,000	0,011	0,002	FALSE
0,054	0,318	0,002	0,012	0,050	FALSE

0,034	0,304	0,002	0,012	0,056	FALSE
0,068	0,307	0,003	0,010	0,129	FALSE
0,044	0,309	0,001	0,009	0,041	FALSE
0,022	0,295	0,003	0,011	0,092	FALSE
-0,029	0,303	-0,001	0,011	0,031	FALSE
-0,147	0,311	-0,006	0,013	0,195	FALSE
-0,109	0,307	-0,004	0,011	0,150	FALSE
0,045	0,313	0,001	0,006	0,077	FALSE
0,013	0,317	0,000	0,009	0,007	FALSE
-0,038	0,307	-0,001	0,010	0,040	FALSE
0,130	0,302	0,005	0,012	0,188	FALSE
0,032	0,303	0,001	0,007	0,056	FALSE
-0,005	0,306	0,000	0,006	0,014	FALSE
0,000	0,302	0,000	0,008	0,000	FALSE
0,016	0,293	0,000	0,008	0,018	FALSE
-0,093	0,305	-0,004	0,012	0,113	FALSE
0,136	0,310	0,004	0,010	0,161	FALSE
-0,002	0,310	0,000	0,012	0,000	FALSE
-0,029	0,306	0,000	0,007	0,016	FALSE
-0,014	0,315	0,000	0,010	0,016	FALSE
-0,103	0,305	-0,003	0,008	0,142	FALSE
0,062	0,309	0,002	0,013	0,071	FALSE
0,090	0,308	0,003	0,010	0,100	FALSE
-0,006	0,300	-0,001	0,012	0,023	FALSE
-0,113	0,302	-0,006	0,013	0,181	FALSE
-0,148	0,293	-0,003	0,007	0,217	FALSE
-0,153	0,300	-0,004	0,007	0,223	FALSE
-0,050	0,311	-0,002	0,009	0,076	FALSE
-0,026	0,294	-0,001	0,010	0,046	FALSE
0,114	0,300	0,003	0,007	0,158	FALSE
0,015	0,300	0,001	0,010	0,022	FALSE
0,017	0,311	0,001	0,011	0,029	FALSE
-0,002	0,310	0,000	0,011	0,012	FALSE
0,086	0,310	0,002	0,008	0,121	FALSE
0,112	0,313	0,004	0,011	0,170	FALSE
0,009	0,304	0,001	0,010	0,030	FALSE
0,033	0,305	0,001	0,013	0,018	FALSE
0,020	0,288	0,001	0,009	0,041	FALSE
0,015	0,309	0,000	0,010	0,011	FALSE
-0,030	0,306	-0,001	0,008	0,063	FALSE
0,049	0,314	0,002	0,008	0,085	FALSE
0,057	0,297	0,001	0,010	0,049	FALSE
0,003	0,307	0,000	0,009	0,016	FALSE
-0,015	0,314	0,000	0,009	0,016	FALSE
0,001	0,305	0,000	0,009	0,009	FALSE
-0,021	0,296	-0,001	0,013	0,020	FALSE
0,031	0,301	0,001	0,007	0,044	FALSE
0,102	0,299	0,002	0,007	0,106	FALSE
0,062	0,315	0,001	0,007	0,065	FALSE
-0,072	0,315	-0,002	0,008	0,083	FALSE
0,065	0,323	0,001	0,008	0,058	FALSE
-0,038	0,304	-0,001	0,008	0,026	FALSE
0,129	0,294	0,003	0,008	0,182	FALSE

0,044	0,305	0,001	0,009	0,042	FALSE
0,076	0,296	0,003	0,010	0,108	FALSE
0,075	0,328	0,002	0,009	0,087	FALSE
0,119	0,293	0,004	0,011	0,150	FALSE
-0,002	0,294	0,000	0,010	0,017	FALSE
-0,036	0,288	-0,001	0,009	0,024	FALSE
-0,090	0,289	-0,003	0,008	0,124	FALSE
-0,017	0,297	0,000	0,009	0,000	FALSE
0,043	0,301	0,001	0,013	0,025	FALSE
-0,081	0,288	-0,002	0,012	0,056	FALSE
0,034	0,301	0,001	0,008	0,032	FALSE
-0,062	0,302	-0,002	0,010	0,066	FALSE
-0,032	0,310	0,000	0,010	0,012	FALSE
-0,035	0,313	-0,001	0,010	0,027	FALSE
0,016	0,299	0,001	0,007	0,040	FALSE
-0,088	0,294	-0,002	0,008	0,114	FALSE
0,011	0,294	0,000	0,007	0,017	FALSE
0,067	0,311	0,003	0,010	0,114	FALSE
-0,037	0,297	-0,001	0,009	0,057	FALSE
-0,115	0,302	-0,004	0,011	0,158	FALSE
-0,114	0,314	-0,004	0,013	0,127	FALSE
0,055	0,317	0,001	0,008	0,057	FALSE
-0,135	0,314	-0,005	0,010	0,186	FALSE
-0,178	0,302	-0,004	0,007	0,271	FALSE
-0,011	0,299	-0,001	0,012	0,031	FALSE
-0,070	0,318	-0,002	0,009	0,082	FALSE
-0,063	0,301	-0,002	0,009	0,083	FALSE
-0,107	0,310	-0,004	0,012	0,140	FALSE
-0,027	0,298	-0,001	0,010	0,032	FALSE
0,051	0,298	0,002	0,007	0,110	FALSE
-0,083	0,310	-0,004	0,012	0,119	FALSE
-0,134	0,299	-0,003	0,007	0,168	FALSE
-0,131	0,308	-0,003	0,006	0,160	FALSE
-0,156	0,294	-0,007	0,012	0,265	FALSE
0,029	0,314	0,001	0,007	0,031	FALSE
-0,177	0,302	-0,008	0,013	0,279	FALSE
-0,006	0,313	0,000	0,009	0,007	FALSE
0,023	0,305	0,001	0,010	0,023	FALSE
-0,013	0,322	0,000	0,009	0,018	FALSE
-0,059	0,298	-0,002	0,009	0,098	FALSE
0,029	0,298	0,001	0,013	0,026	FALSE
0,044	0,309	0,002	0,012	0,052	FALSE
-0,119	0,302	-0,003	0,007	0,155	FALSE
0,074	0,303	0,003	0,009	0,129	FALSE
0,068	0,310	0,003	0,011	0,103	FALSE
0,168	0,308	0,004	0,007	0,214	FALSE
0,018	0,307	0,001	0,007	0,037	FALSE
0,021	0,309	0,001	0,009	0,035	FALSE
-0,080	0,315	-0,002	0,009	0,101	FALSE
-0,024	0,297	-0,001	0,012	0,034	FALSE
0,051	0,313	0,001	0,009	0,036	FALSE
-0,070	0,314	-0,002	0,010	0,064	FALSE
0,014	0,305	0,000	0,013	0,001	FALSE

0,049	0,298	0,001	0,007	0,056	FALSE
0,064	0,310	0,001	0,007	0,059	FALSE
0,088	0,300	0,002	0,009	0,102	FALSE
0,031	0,305	0,001	0,008	0,033	FALSE
0,084	0,300	0,002	0,009	0,077	FALSE
0,039	0,318	0,001	0,008	0,041	FALSE
-0,096	0,303	-0,002	0,008	0,110	FALSE
-0,033	0,320	-0,001	0,013	0,021	FALSE
-0,053	0,312	-0,002	0,010	0,071	FALSE
0,044	0,303	0,001	0,010	0,032	FALSE
-0,031	0,310	-0,001	0,010	0,018	FALSE
0,043	0,325	0,001	0,006	0,045	FALSE
-0,053	0,312	-0,001	0,006	0,046	FALSE
-0,107	0,316	-0,003	0,011	0,119	FALSE
-0,037	0,317	-0,001	0,013	0,036	FALSE
0,064	0,295	0,002	0,010	0,073	FALSE
0,024	0,317	0,001	0,007	0,045	FALSE
0,069	0,301	0,002	0,008	0,090	FALSE
0,124	0,298	0,005	0,012	0,186	FALSE
0,091	0,306	0,002	0,006	0,134	FALSE
0,077	0,301	0,002	0,007	0,091	FALSE
0,090	0,300	0,002	0,008	0,086	FALSE
0,039	0,314	0,002	0,014	0,053	FALSE
0,036	0,301	0,001	0,008	0,060	FALSE
0,024	0,310	0,001	0,013	0,014	FALSE
-0,061	0,301	-0,001	0,007	0,058	FALSE
0,043	0,311	0,003	0,013	0,083	FALSE
0,056	0,315	0,003	0,012	0,097	FALSE
-0,042	0,292	-0,002	0,009	0,064	FALSE
-0,071	0,308	-0,002	0,008	0,089	FALSE
0,053	0,310	0,001	0,008	0,043	FALSE
0,114	0,308	0,005	0,011	0,191	FALSE
-0,072	0,301	-0,003	0,009	0,115	FALSE
0,091	0,303	0,004	0,010	0,148	FALSE
-0,085	0,307	-0,005	0,013	0,150	FALSE
-0,062	0,307	-0,004	0,013	0,108	FALSE
-0,007	0,296	0,001	0,010	0,037	FALSE
0,016	0,306	0,001	0,011	0,042	FALSE
-0,003	0,303	-0,001	0,012	0,032	FALSE
0,043	0,290	0,001	0,008	0,067	FALSE
0,033	0,308	0,001	0,008	0,044	FALSE
-0,067	0,319	-0,002	0,009	0,080	FALSE
0,001	0,311	0,000	0,007	0,025	FALSE
0,049	0,311	0,002	0,012	0,077	FALSE
-0,013	0,311	0,000	0,006	0,011	FALSE
-0,038	0,306	-0,002	0,013	0,072	FALSE
0,087	0,305	0,003	0,013	0,087	FALSE
-0,096	0,320	-0,003	0,010	0,099	FALSE
0,195	0,291	0,005	0,007	0,321	FALSE
0,175	0,300	0,004	0,006	0,262	FALSE
-0,012	0,303	0,000	0,007	0,008	FALSE
0,046	0,326	0,001	0,008	0,065	FALSE
-0,013	0,311	0,000	0,007	0,013	FALSE

-0,058	0,315	-0,003	0,012	0,082	FALSE
-0,174	0,297	-0,007	0,010	0,298	FALSE
-0,164	0,309	-0,005	0,008	0,255	FALSE
-0,004	0,310	-0,001	0,010	0,026	FALSE
0,046	0,309	0,001	0,007	0,052	FALSE
-0,074	0,323	-0,002	0,010	0,069	FALSE
-0,066	0,308	-0,003	0,011	0,088	FALSE
0,085	0,301	0,004	0,011	0,126	FALSE
-0,063	0,309	-0,002	0,008	0,074	FALSE
0,070	0,319	0,002	0,009	0,101	FALSE
-0,071	0,308	-0,002	0,007	0,105	FALSE
-0,078	0,306	-0,002	0,007	0,123	FALSE
0,136	0,318	0,002	0,006	0,149	FALSE
0,048	0,318	0,002	0,009	0,065	FALSE
0,033	0,296	0,000	0,007	0,024	FALSE
-0,114	0,305	-0,002	0,006	0,138	FALSE
0,020	0,311	0,001	0,011	0,022	FALSE
-0,054	0,301	-0,001	0,007	0,064	FALSE
0,057	0,302	0,001	0,012	0,042	FALSE
-0,056	0,304	-0,001	0,009	0,054	FALSE
-0,069	0,315	-0,003	0,013	0,100	FALSE
-0,015	0,300	0,000	0,006	0,002	FALSE
-0,047	0,304	-0,001	0,007	0,046	FALSE
0,077	0,324	0,003	0,013	0,077	FALSE
0,080	0,299	0,003	0,010	0,094	FALSE
0,061	0,297	0,002	0,012	0,062	FALSE
0,079	0,312	0,004	0,013	0,122	FALSE
-0,086	0,318	-0,003	0,011	0,095	FALSE
0,090	0,311	0,004	0,013	0,119	FALSE
-0,003	0,311	0,000	0,013	0,014	FALSE
0,094	0,302	0,003	0,009	0,117	FALSE
0,112	0,320	0,003	0,011	0,120	FALSE
0,057	0,304	0,002	0,011	0,079	FALSE
0,105	0,300	0,004	0,010	0,157	FALSE
0,111	0,294	0,003	0,009	0,142	FALSE
-0,027	0,313	-0,002	0,013	0,053	FALSE
0,022	0,309	0,000	0,013	0,001	FALSE
-0,005	0,301	0,000	0,008	0,007	FALSE
0,069	0,312	0,002	0,007	0,093	FALSE
-0,112	0,305	-0,005	0,012	0,171	FALSE
-0,091	0,303	-0,004	0,011	0,139	FALSE
-0,036	0,306	-0,001	0,008	0,065	FALSE
0,010	0,309	0,000	0,010	0,004	FALSE
0,072	0,313	0,003	0,011	0,123	FALSE
0,041	0,312	0,001	0,007	0,041	FALSE
0,030	0,300	0,001	0,011	0,043	FALSE
-0,047	0,298	-0,001	0,008	0,057	FALSE
-0,064	0,298	-0,003	0,012	0,084	FALSE
-0,057	0,308	-0,002	0,011	0,058	FALSE
-0,008	0,311	-0,001	0,009	0,025	FALSE
0,040	0,308	0,001	0,007	0,048	FALSE
0,175	0,303	0,004	0,007	0,268	FALSE
-0,128	0,296	-0,004	0,009	0,166	FALSE

-0,114	0,307	-0,003	0,010	0,120	FALSE
0,150	0,306	0,005	0,011	0,199	FALSE
0,039	0,311	0,001	0,008	0,028	FALSE
0,038	0,313	0,001	0,008	0,022	FALSE
-0,074	0,319	-0,003	0,012	0,093	FALSE
0,167	0,295	0,005	0,008	0,256	FALSE
0,173	0,323	0,005	0,009	0,246	FALSE
-0,110	0,312	-0,003	0,009	0,155	FALSE
0,109	0,303	0,004	0,009	0,199	FALSE
0,026	0,298	0,001	0,007	0,067	FALSE
-0,092	0,305	-0,003	0,007	0,146	FALSE
-0,085	0,306	-0,002	0,011	0,073	FALSE
-0,142	0,295	-0,006	0,011	0,214	FALSE
0,003	0,297	0,000	0,008	0,003	FALSE
-0,082	0,313	-0,002	0,010	0,082	FALSE
0,031	0,302	0,000	0,013	0,007	FALSE
0,012	0,289	0,000	0,007	0,013	FALSE
0,095	0,302	0,001	0,007	0,081	FALSE
0,080	0,292	0,001	0,007	0,055	FALSE
0,103	0,293	0,002	0,006	0,095	FALSE
0,080	0,301	0,001	0,007	0,069	FALSE
0,024	0,298	0,000	0,008	0,003	FALSE
0,093	0,306	0,002	0,007	0,140	FALSE
-0,017	0,306	-0,001	0,009	0,045	FALSE
-0,106	0,305	-0,003	0,011	0,113	FALSE
-0,033	0,317	0,000	0,013	0,011	FALSE
-0,033	0,311	-0,002	0,013	0,064	FALSE
-0,016	0,313	-0,001	0,013	0,029	FALSE
-0,024	0,304	-0,002	0,013	0,044	FALSE
0,036	0,326	0,001	0,007	0,044	FALSE
0,022	0,310	0,000	0,012	0,011	FALSE
0,093	0,311	0,003	0,012	0,111	FALSE
-0,073	0,303	-0,002	0,011	0,083	FALSE
0,054	0,315	0,002	0,008	0,077	FALSE
0,046	0,319	0,002	0,012	0,050	FALSE
0,050	0,305	0,001	0,011	0,049	FALSE
-0,021	0,323	-0,001	0,013	0,025	FALSE
-0,034	0,316	-0,001	0,009	0,058	FALSE
0,037	0,298	0,001	0,009	0,034	FALSE
0,002	0,306	0,000	0,008	0,008	FALSE
0,051	0,304	0,002	0,011	0,057	FALSE
0,007	0,303	0,000	0,006	0,003	FALSE
0,030	0,305	0,001	0,010	0,027	FALSE
-0,013	0,323	0,000	0,007	0,007	FALSE
-0,018	0,310	0,000	0,006	0,002	FALSE
-0,052	0,303	-0,002	0,009	0,073	FALSE
0,193	0,301	0,005	0,007	0,311	FALSE
-0,069	0,310	-0,002	0,008	0,085	FALSE
0,054	0,320	0,002	0,011	0,084	FALSE
-0,054	0,304	-0,002	0,009	0,071	FALSE
0,052	0,313	0,001	0,008	0,061	FALSE
0,087	0,313	0,003	0,008	0,144	FALSE
0,000	0,300	0,000	0,009	0,011	FALSE

0,002	0,304	0,000	0,008	0,011	FALSE
-0,175	0,306	-0,007	0,012	0,264	FALSE
0,054	0,298	0,001	0,006	0,057	FALSE
-0,070	0,309	-0,002	0,008	0,099	FALSE
0,005	0,301	0,000	0,011	0,014	FALSE
-0,003	0,307	0,000	0,008	0,006	FALSE
0,089	0,322	0,003	0,010	0,133	FALSE
0,009	0,319	0,001	0,007	0,031	FALSE
-0,031	0,311	-0,001	0,010	0,039	FALSE
0,096	0,298	0,003	0,012	0,101	FALSE
-0,016	0,303	-0,001	0,012	0,024	FALSE
0,088	0,306	0,002	0,007	0,107	FALSE
0,079	0,304	0,002	0,007	0,092	FALSE
-0,007	0,293	0,000	0,006	0,016	FALSE
-0,010	0,302	0,000	0,012	0,004	FALSE
-0,018	0,317	0,000	0,008	0,004	FALSE
-0,034	0,314	-0,001	0,012	0,043	FALSE
0,163	0,305	0,004	0,008	0,241	FALSE
0,034	0,309	0,002	0,009	0,071	FALSE
0,002	0,313	0,001	0,010	0,031	FALSE
-0,036	0,299	-0,001	0,006	0,030	FALSE
0,004	0,295	0,001	0,009	0,037	FALSE
0,028	0,313	0,001	0,008	0,042	FALSE
-0,124	0,302	-0,005	0,010	0,197	FALSE
-0,124	0,303	-0,006	0,011	0,219	FALSE
-0,001	0,323	-0,001	0,012	0,026	FALSE
0,138	0,312	0,005	0,012	0,175	FALSE
0,022	0,308	0,000	0,010	0,002	FALSE
-0,032	0,307	-0,002	0,010	0,058	FALSE
-0,121	0,308	-0,005	0,013	0,165	FALSE
-0,008	0,317	0,000	0,009	0,019	FALSE
0,037	0,309	0,001	0,012	0,028	FALSE
-0,022	0,308	0,000	0,011	0,011	FALSE
0,050	0,299	0,002	0,013	0,071	FALSE
-0,040	0,303	-0,002	0,012	0,046	FALSE
0,007	0,306	0,001	0,009	0,025	FALSE
-0,070	0,300	-0,002	0,009	0,099	FALSE
-0,078	0,308	-0,002	0,006	0,111	FALSE
-0,074	0,309	-0,002	0,007	0,090	FALSE
-0,099	0,304	-0,004	0,012	0,143	FALSE
-0,038	0,302	-0,001	0,010	0,052	FALSE
-0,067	0,312	-0,003	0,011	0,110	FALSE
-0,068	0,303	-0,003	0,013	0,095	FALSE
0,020	0,308	0,000	0,007	0,003	FALSE
-0,087	0,309	-0,003	0,011	0,106	FALSE
-0,114	0,314	-0,004	0,011	0,157	FALSE
-0,066	0,310	-0,003	0,012	0,080	FALSE
0,075	0,321	0,003	0,013	0,087	FALSE
-0,054	0,303	-0,002	0,009	0,063	FALSE
0,070	0,294	0,003	0,011	0,100	FALSE
-0,087	0,299	-0,003	0,009	0,127	FALSE
-0,026	0,300	-0,001	0,008	0,046	FALSE
-0,061	0,301	-0,003	0,009	0,106	FALSE

0,007	0,309	0,000	0,009	0,018	FALSE
-0,015	0,304	0,000	0,009	0,013	FALSE
-0,003	0,309	0,000	0,009	0,008	FALSE
0,091	0,316	0,003	0,010	0,104	FALSE
-0,054	0,307	-0,001	0,012	0,045	FALSE
0,101	0,307	0,004	0,011	0,150	FALSE
0,053	0,312	0,002	0,008	0,093	FALSE
0,034	0,303	0,000	0,008	0,001	FALSE
-0,005	0,300	-0,001	0,008	0,037	FALSE
0,058	0,316	0,002	0,007	0,099	FALSE
0,005	0,312	0,000	0,012	0,007	FALSE
-0,008	0,313	-0,001	0,010	0,026	FALSE
-0,055	0,311	-0,001	0,010	0,041	FALSE
-0,141	0,302	-0,004	0,007	0,214	FALSE
0,071	0,300	0,003	0,013	0,105	FALSE
0,082	0,305	0,002	0,006	0,096	FALSE
-0,037	0,302	-0,001	0,012	0,023	FALSE
0,042	0,307	0,002	0,012	0,064	FALSE
0,058	0,305	0,002	0,012	0,075	FALSE
0,039	0,308	0,002	0,013	0,062	FALSE
0,006	0,309	0,001	0,012	0,017	FALSE
0,119	0,304	0,003	0,007	0,167	FALSE
-0,058	0,321	-0,001	0,007	0,078	FALSE
-0,045	0,300	-0,002	0,009	0,076	FALSE
-0,013	0,303	-0,001	0,009	0,037	FALSE
0,150	0,312	0,005	0,011	0,192	FALSE
0,103	0,296	0,004	0,009	0,169	FALSE
0,083	0,320	0,001	0,007	0,077	FALSE
-0,072	0,311	-0,001	0,006	0,069	FALSE
-0,097	0,314	-0,002	0,006	0,099	FALSE
-0,026	0,300	-0,001	0,008	0,028	FALSE
0,001	0,313	-0,001	0,011	0,021	FALSE
0,106	0,310	0,005	0,012	0,174	FALSE
0,047	0,307	0,003	0,013	0,096	FALSE
0,024	0,306	0,001	0,012	0,024	FALSE
0,086	0,302	0,001	0,006	0,086	FALSE
0,033	0,305	0,002	0,012	0,055	FALSE
-0,042	0,320	-0,001	0,008	0,063	FALSE
0,015	0,309	0,001	0,007	0,034	FALSE
-0,055	0,308	-0,004	0,012	0,118	FALSE
0,080	0,308	0,003	0,009	0,111	FALSE
-0,086	0,299	-0,003	0,008	0,127	FALSE
-0,073	0,302	-0,003	0,009	0,110	FALSE
0,089	0,298	0,003	0,009	0,153	FALSE
-0,067	0,303	-0,002	0,006	0,091	FALSE
0,045	0,302	0,001	0,009	0,046	FALSE
0,116	0,313	0,004	0,009	0,173	FALSE
0,000	0,293	0,000	0,006	0,002	FALSE
0,013	0,298	0,000	0,006	0,016	FALSE
-0,074	0,306	-0,002	0,009	0,096	FALSE
0,008	0,302	0,001	0,012	0,019	FALSE
0,017	0,304	0,000	0,006	0,012	FALSE
-0,055	0,305	-0,004	0,013	0,118	FALSE

0,032	0,321	0,001	0,007	0,040	FALSE
-0,031	0,320	-0,001	0,013	0,031	FALSE
-0,092	0,294	-0,002	0,007	0,101	FALSE
-0,123	0,299	-0,006	0,012	0,199	FALSE
0,137	0,308	0,005	0,012	0,181	FALSE
0,014	0,307	0,000	0,011	0,012	FALSE
-0,002	0,308	0,000	0,011	0,014	FALSE
-0,044	0,307	-0,002	0,011	0,061	FALSE
-0,067	0,305	-0,003	0,011	0,095	FALSE
0,047	0,307	0,001	0,012	0,037	FALSE
-0,031	0,305	-0,001	0,007	0,051	FALSE
-0,041	0,312	-0,002	0,013	0,068	FALSE
-0,082	0,305	-0,002	0,008	0,110	FALSE
-0,088	0,303	-0,003	0,009	0,111	FALSE
0,054	0,310	0,002	0,011	0,075	FALSE
0,195	0,284	0,007	0,010	0,308	FALSE
0,067	0,301	0,003	0,011	0,101	FALSE
0,131	0,316	0,004	0,008	0,191	FALSE
0,102	0,311	0,004	0,012	0,133	FALSE
-0,136	0,298	-0,006	0,013	0,201	FALSE
0,155	0,291	0,004	0,008	0,194	FALSE
0,019	0,311	0,001	0,007	0,029	FALSE
0,023	0,309	0,001	0,006	0,035	FALSE
-0,121	0,299	-0,005	0,012	0,158	FALSE
-0,061	0,310	-0,001	0,007	0,036	FALSE
0,062	0,317	0,003	0,013	0,081	FALSE
0,019	0,306	0,001	0,012	0,033	FALSE
0,033	0,311	0,001	0,012	0,023	FALSE
-0,031	0,310	-0,001	0,009	0,051	FALSE
-0,023	0,312	-0,001	0,012	0,033	FALSE
0,018	0,304	0,000	0,007	0,002	FALSE
0,019	0,308	0,000	0,012	0,003	FALSE
0,047	0,291	0,003	0,011	0,097	FALSE
0,064	0,320	0,002	0,009	0,095	FALSE
-0,070	0,294	-0,003	0,012	0,089	FALSE
0,084	0,306	0,002	0,008	0,118	FALSE
0,003	0,306	0,001	0,011	0,026	FALSE
-0,129	0,301	-0,004	0,008	0,197	FALSE
-0,006	0,308	0,000	0,009	0,005	FALSE
0,039	0,304	0,001	0,008	0,067	FALSE
0,036	0,309	0,002	0,013	0,060	FALSE
-0,064	0,304	-0,003	0,011	0,090	FALSE
0,047	0,314	0,002	0,009	0,090	FALSE
0,074	0,306	0,003	0,010	0,108	FALSE
-0,060	0,304	-0,002	0,009	0,069	FALSE
0,009	0,312	0,000	0,008	0,014	FALSE
0,016	0,294	0,001	0,011	0,038	FALSE
0,010	0,307	0,000	0,008	0,007	FALSE
0,010	0,301	0,000	0,011	0,003	FALSE
0,048	0,288	0,001	0,010	0,048	FALSE
0,067	0,288	0,002	0,010	0,058	FALSE
0,078	0,298	0,002	0,011	0,076	FALSE
0,037	0,299	0,001	0,010	0,034	FALSE

-0,015	0,321	-0,001	0,012	0,027	FALSE
0,074	0,306	0,002	0,009	0,085	FALSE
-0,138	0,312	-0,004	0,008	0,180	FALSE
-0,041	0,317	-0,002	0,012	0,053	FALSE
0,129	0,303	0,004	0,009	0,161	FALSE
0,140	0,310	0,004	0,010	0,170	FALSE
0,080	0,305	0,003	0,012	0,109	FALSE
0,058	0,312	0,002	0,013	0,062	FALSE
-0,129	0,311	-0,005	0,010	0,217	FALSE
0,028	0,321	0,001	0,011	0,027	FALSE
0,076	0,301	0,003	0,010	0,124	FALSE
0,106	0,295	0,003	0,008	0,167	FALSE
-0,016	0,307	0,000	0,013	0,009	FALSE
-0,065	0,321	-0,002	0,008	0,091	FALSE
0,064	0,308	0,003	0,012	0,100	FALSE
-0,111	0,299	-0,006	0,013	0,189	FALSE
0,034	0,309	0,001	0,011	0,031	FALSE
-0,017	0,317	0,000	0,008	0,012	FALSE
-0,024	0,299	-0,001	0,009	0,021	FALSE
0,010	0,306	0,001	0,007	0,030	FALSE
-0,067	0,305	-0,002	0,013	0,071	FALSE
-0,164	0,298	-0,006	0,010	0,278	FALSE
-0,148	0,300	-0,005	0,010	0,223	FALSE
0,033	0,306	0,001	0,008	0,051	FALSE
0,026	0,303	0,001	0,008	0,038	FALSE
-0,034	0,313	0,000	0,008	0,016	FALSE
-0,017	0,320	0,000	0,008	0,000	FALSE
0,010	0,295	0,000	0,007	0,010	FALSE
0,110	0,294	0,003	0,010	0,138	FALSE
0,022	0,317	0,001	0,008	0,035	FALSE
0,107	0,299	0,004	0,013	0,114	FALSE
0,039	0,304	0,000	0,006	0,019	FALSE
-0,024	0,307	-0,001	0,008	0,050	FALSE
0,027	0,305	0,000	0,007	0,003	FALSE
-0,023	0,301	0,000	0,008	0,006	FALSE
0,088	0,312	0,004	0,012	0,112	FALSE
-0,081	0,304	-0,003	0,010	0,101	FALSE
-0,042	0,305	-0,001	0,010	0,050	FALSE
-0,092	0,309	-0,003	0,011	0,112	FALSE
-0,020	0,300	0,000	0,010	0,014	FALSE
0,002	0,313	0,000	0,008	0,012	FALSE
-0,004	0,302	0,000	0,008	0,003	FALSE
-0,090	0,311	-0,003	0,008	0,133	FALSE
-0,023	0,316	-0,002	0,011	0,066	FALSE
-0,025	0,312	-0,002	0,011	0,067	FALSE
0,067	0,317	0,002	0,007	0,084	FALSE
-0,080	0,301	-0,002	0,007	0,089	FALSE
-0,069	0,292	-0,001	0,006	0,074	FALSE
-0,006	0,304	-0,001	0,012	0,017	FALSE
-0,039	0,298	-0,001	0,012	0,042	FALSE
0,137	0,301	0,004	0,009	0,203	FALSE
-0,019	0,306	-0,001	0,013	0,024	FALSE
0,173	0,318	0,005	0,009	0,232	FALSE

-0,167	0,305	-0,005	0,009	0,231	FALSE
-0,035	0,312	-0,001	0,013	0,041	FALSE
-0,042	0,317	-0,001	0,008	0,041	FALSE
-0,210	0,310	-0,010	0,013	0,349	FALSE
-0,189	0,302	-0,008	0,013	0,296	FALSE
-0,024	0,311	-0,001	0,012	0,041	FALSE
-0,014	0,300	0,000	0,007	0,009	FALSE
-0,007	0,299	0,000	0,007	0,005	FALSE
-0,032	0,318	-0,002	0,012	0,056	FALSE
-0,051	0,302	-0,002	0,012	0,069	FALSE
0,026	0,306	0,002	0,012	0,064	FALSE
-0,032	0,309	-0,001	0,011	0,046	FALSE
-0,041	0,316	-0,002	0,012	0,071	FALSE
0,057	0,311	0,003	0,013	0,083	FALSE
-0,047	0,306	-0,002	0,008	0,080	FALSE
-0,088	0,305	-0,002	0,008	0,109	FALSE
0,037	0,307	0,002	0,009	0,069	FALSE
0,079	0,298	0,003	0,007	0,139	FALSE
0,031	0,285	0,001	0,008	0,032	FALSE
0,098	0,305	0,002	0,009	0,092	FALSE
0,069	0,312	0,002	0,009	0,067	FALSE
0,003	0,302	0,001	0,011	0,029	FALSE
-0,061	0,303	-0,001	0,011	0,040	FALSE
-0,074	0,304	-0,002	0,012	0,067	FALSE
0,074	0,308	0,002	0,011	0,078	FALSE
0,120	0,318	0,003	0,010	0,127	FALSE
0,107	0,309	0,004	0,010	0,161	FALSE
-0,006	0,307	0,000	0,007	0,023	FALSE
-0,060	0,307	-0,001	0,011	0,043	FALSE
0,020	0,295	0,000	0,010	0,014	FALSE
0,086	0,296	0,002	0,008	0,076	FALSE
-0,045	0,306	-0,002	0,011	0,064	FALSE
0,010	0,307	0,000	0,009	0,014	FALSE
-0,011	0,311	-0,001	0,013	0,017	FALSE
0,051	0,313	0,002	0,010	0,061	FALSE
0,056	0,309	0,002	0,011	0,049	FALSE
0,030	0,289	0,001	0,012	0,028	FALSE
-0,116	0,318	-0,003	0,008	0,140	FALSE
0,017	0,305	0,000	0,008	0,016	FALSE
-0,110	0,295	-0,002	0,007	0,144	FALSE
0,059	0,315	0,002	0,007	0,111	FALSE
0,030	0,320	0,001	0,007	0,034	FALSE
0,070	0,317	0,002	0,008	0,092	FALSE
0,082	0,308	0,003	0,008	0,132	FALSE
0,163	0,291	0,005	0,009	0,241	FALSE
-0,042	0,311	-0,002	0,012	0,055	FALSE
-0,022	0,302	-0,001	0,012	0,023	FALSE
-0,025	0,310	-0,002	0,009	0,075	FALSE
0,027	0,320	0,000	0,013	0,003	FALSE
-0,048	0,314	-0,001	0,011	0,048	FALSE
-0,104	0,333	-0,002	0,007	0,118	FALSE
0,069	0,304	0,002	0,010	0,098	FALSE
-0,043	0,302	-0,001	0,009	0,032	FALSE

-0,021	0,303	-0,001	0,007	0,050	FALSE
-0,096	0,305	-0,005	0,013	0,139	FALSE
0,004	0,294	0,000	0,007	0,020	FALSE
-0,129	0,292	-0,003	0,007	0,182	FALSE
-0,034	0,297	-0,001	0,011	0,029	FALSE
0,015	0,308	0,000	0,012	0,008	FALSE
0,014	0,307	0,000	0,012	0,004	FALSE
0,104	0,308	0,002	0,007	0,137	FALSE
0,042	0,310	0,001	0,009	0,038	FALSE
-0,037	0,315	-0,002	0,011	0,049	FALSE
0,027	0,308	0,002	0,011	0,055	FALSE
0,026	0,298	0,001	0,011	0,046	FALSE
0,055	0,305	0,002	0,012	0,060	FALSE
-0,036	0,318	-0,001	0,013	0,035	FALSE
-0,091	0,306	-0,003	0,008	0,133	FALSE
-0,037	0,303	-0,001	0,011	0,029	FALSE
-0,039	0,303	-0,001	0,008	0,041	FALSE
-0,100	0,298	-0,002	0,008	0,118	FALSE
-0,020	0,299	-0,001	0,010	0,049	FALSE
-0,002	0,315	0,001	0,011	0,025	FALSE
0,011	0,309	0,000	0,006	0,014	FALSE
-0,088	0,300	-0,002	0,007	0,091	FALSE
0,048	0,301	0,001	0,012	0,034	FALSE
0,014	0,314	0,000	0,012	0,002	FALSE
-0,016	0,313	0,000	0,007	0,023	FALSE
0,188	0,286	0,005	0,008	0,307	FALSE
0,019	0,303	0,001	0,012	0,021	FALSE
0,117	0,309	0,004	0,008	0,178	FALSE
0,143	0,293	0,004	0,009	0,214	FALSE
0,011	0,312	0,001	0,007	0,043	FALSE
0,047	0,312	0,001	0,008	0,062	FALSE
-0,025	0,295	-0,001	0,007	0,041	FALSE
-0,069	0,311	-0,002	0,007	0,086	FALSE
0,004	0,312	0,000	0,008	0,008	FALSE
-0,044	0,298	-0,001	0,007	0,068	FALSE
-0,038	0,310	-0,001	0,009	0,054	FALSE
-0,139	0,309	-0,005	0,010	0,220	FALSE
-0,010	0,306	0,000	0,013	0,002	FALSE
0,061	0,304	0,001	0,006	0,054	FALSE
-0,088	0,317	-0,002	0,007	0,093	FALSE
-0,027	0,306	-0,001	0,009	0,044	FALSE
-0,023	0,311	0,000	0,011	0,016	FALSE
-0,071	0,304	-0,003	0,010	0,112	FALSE
0,028	0,304	0,002	0,012	0,049	FALSE
-0,074	0,310	-0,002	0,008	0,079	FALSE
-0,060	0,304	-0,001	0,008	0,063	FALSE
-0,052	0,310	-0,002	0,008	0,075	FALSE
0,090	0,303	0,003	0,012	0,105	FALSE
0,089	0,291	0,003	0,011	0,109	FALSE
-0,002	0,294	0,000	0,011	0,006	FALSE
0,060	0,312	0,001	0,007	0,078	FALSE
0,028	0,299	0,002	0,009	0,070	FALSE
-0,064	0,303	-0,001	0,007	0,070	FALSE

0,092	0,302	0,002	0,006	0,119	FALSE
-0,056	0,312	-0,002	0,009	0,070	FALSE
-0,060	0,320	-0,002	0,009	0,068	FALSE
-0,089	0,298	-0,002	0,007	0,126	FALSE
-0,079	0,310	-0,004	0,013	0,108	FALSE
0,143	0,294	0,005	0,009	0,239	FALSE
-0,110	0,301	-0,003	0,007	0,156	FALSE
0,043	0,313	0,002	0,008	0,081	FALSE
0,039	0,320	0,002	0,012	0,048	FALSE
-0,032	0,307	-0,001	0,011	0,040	FALSE
0,079	0,322	0,002	0,008	0,100	FALSE
0,011	0,301	0,000	0,007	0,001	FALSE
-0,003	0,292	0,000	0,007	0,024	FALSE
0,051	0,295	0,001	0,008	0,066	FALSE
-0,014	0,315	0,000	0,010	0,002	FALSE
0,062	0,314	0,001	0,007	0,077	FALSE
-0,025	0,299	-0,001	0,007	0,054	FALSE
-0,106	0,306	-0,002	0,008	0,103	FALSE
-0,068	0,309	-0,002	0,007	0,121	FALSE
0,051	0,311	0,001	0,008	0,064	FALSE
-0,087	0,305	-0,002	0,007	0,134	FALSE
-0,013	0,286	-0,001	0,006	0,030	FALSE
-0,010	0,309	0,000	0,010	0,002	FALSE
-0,120	0,310	-0,003	0,008	0,152	FALSE
0,026	0,300	0,001	0,007	0,032	FALSE
-0,060	0,300	-0,002	0,009	0,074	FALSE
0,077	0,297	0,003	0,012	0,078	FALSE
-0,005	0,305	0,000	0,013	0,005	FALSE
0,095	0,304	0,003	0,012	0,107	FALSE
0,072	0,297	0,003	0,012	0,086	FALSE
0,126	0,295	0,004	0,012	0,154	FALSE
0,013	0,299	0,000	0,006	0,021	FALSE
-0,005	0,323	0,000	0,010	0,003	FALSE
-0,006	0,313	0,000	0,006	0,007	FALSE
-0,103	0,306	-0,002	0,008	0,101	FALSE
0,030	0,314	0,001	0,010	0,046	FALSE
-0,014	0,307	-0,001	0,008	0,031	FALSE
0,031	0,312	0,001	0,009	0,042	FALSE
-0,172	0,305	-0,007	0,011	0,269	FALSE
0,062	0,305	0,002	0,008	0,119	FALSE
0,193	0,318	0,007	0,012	0,272	FALSE
-0,056	0,314	-0,002	0,012	0,059	FALSE
-0,050	0,316	-0,001	0,009	0,037	FALSE
0,015	0,301	0,001	0,009	0,021	FALSE
0,061	0,311	0,002	0,009	0,098	FALSE
-0,028	0,317	-0,001	0,007	0,052	FALSE
-0,037	0,308	-0,001	0,007	0,049	FALSE
0,006	0,318	0,000	0,007	0,003	FALSE
0,119	0,300	0,003	0,008	0,155	FALSE
0,124	0,306	0,003	0,008	0,147	FALSE
-0,110	0,308	-0,003	0,008	0,151	FALSE
-0,103	0,299	-0,005	0,012	0,171	FALSE
-0,159	0,300	-0,006	0,011	0,241	FALSE

0,001	0,308	0,000	0,008	0,016	FALSE
-0,030	0,317	0,000	0,008	0,005	FALSE
0,012	0,314	0,000	0,007	0,011	FALSE
-0,069	0,298	-0,002	0,008	0,104	FALSE
0,020	0,289	0,001	0,008	0,036	FALSE
-0,076	0,304	-0,002	0,012	0,065	FALSE
-0,043	0,307	-0,001	0,010	0,025	FALSE
-0,059	0,326	-0,001	0,007	0,075	FALSE
-0,066	0,317	-0,002	0,011	0,085	FALSE
-0,100	0,304	-0,003	0,010	0,122	FALSE
-0,110	0,302	-0,003	0,008	0,147	FALSE
-0,015	0,296	-0,001	0,008	0,025	FALSE
-0,046	0,306	-0,001	0,008	0,034	FALSE
0,094	0,307	0,003	0,008	0,136	FALSE
-0,055	0,302	-0,002	0,008	0,099	FALSE
-0,063	0,317	-0,001	0,007	0,053	FALSE
0,036	0,319	0,002	0,013	0,056	FALSE
-0,053	0,311	-0,001	0,007	0,043	FALSE
0,025	0,323	0,000	0,013	0,013	FALSE
-0,054	0,316	-0,003	0,013	0,092	FALSE
-0,074	0,320	-0,003	0,010	0,098	FALSE
-0,025	0,325	-0,002	0,013	0,053	FALSE
0,061	0,316	0,002	0,012	0,063	FALSE
-0,042	0,302	-0,001	0,007	0,026	FALSE
0,038	0,313	0,001	0,009	0,038	FALSE
-0,005	0,305	0,000	0,007	0,006	FALSE
-0,013	0,307	0,000	0,008	0,000	FALSE
0,058	0,309	0,002	0,012	0,051	FALSE
-0,131	0,305	-0,005	0,009	0,220	FALSE
-0,087	0,306	-0,002	0,007	0,091	FALSE
0,043	0,295	0,001	0,008	0,057	FALSE
0,055	0,304	0,002	0,013	0,052	FALSE
0,006	0,291	0,001	0,009	0,036	FALSE
-0,036	0,320	-0,002	0,013	0,057	FALSE
-0,109	0,312	-0,002	0,007	0,113	FALSE
-0,139	0,285	-0,006	0,011	0,213	FALSE
-0,059	0,317	-0,003	0,013	0,102	FALSE
-0,031	0,297	-0,002	0,012	0,065	FALSE
-0,061	0,309	-0,002	0,009	0,070	FALSE
0,033	0,307	0,001	0,010	0,044	FALSE
0,045	0,313	0,001	0,008	0,065	FALSE
0,026	0,309	0,001	0,007	0,046	FALSE
-0,125	0,293	-0,005	0,011	0,186	FALSE
-0,095	0,291	-0,003	0,009	0,107	FALSE
-0,050	0,310	-0,002	0,013	0,050	FALSE
0,043	0,309	0,002	0,009	0,064	FALSE
0,068	0,303	0,001	0,007	0,072	FALSE
0,064	0,306	0,001	0,008	0,055	FALSE
-0,032	0,308	-0,002	0,013	0,052	FALSE
0,016	0,305	0,002	0,012	0,060	FALSE
-0,046	0,302	-0,001	0,008	0,044	FALSE
-0,073	0,306	-0,001	0,007	0,082	FALSE
-0,042	0,320	-0,001	0,008	0,033	FALSE

0,102	0,296	0,004	0,009	0,180	FALSE
-0,117	0,296	-0,002	0,006	0,136	FALSE
0,087	0,299	0,003	0,008	0,158	FALSE
0,102	0,305	0,004	0,009	0,179	FALSE
0,101	0,303	0,004	0,013	0,138	FALSE
0,090	0,309	0,004	0,013	0,122	FALSE
-0,018	0,331	-0,001	0,011	0,027	FALSE
0,103	0,306	0,004	0,012	0,140	FALSE
-0,100	0,308	-0,002	0,006	0,115	FALSE
0,021	0,304	0,000	0,013	0,003	FALSE
-0,012	0,318	0,000	0,008	0,000	FALSE
-0,078	0,296	-0,002	0,010	0,068	FALSE
-0,066	0,299	-0,002	0,011	0,060	FALSE
-0,060	0,306	-0,001	0,011	0,036	FALSE
-0,066	0,309	-0,002	0,011	0,057	FALSE
-0,100	0,305	-0,003	0,012	0,103	FALSE
0,085	0,309	0,003	0,010	0,105	FALSE
-0,154	0,314	-0,006	0,012	0,206	FALSE
-0,065	0,311	-0,002	0,008	0,108	FALSE
-0,047	0,306	-0,001	0,006	0,039	FALSE
-0,063	0,301	-0,002	0,011	0,077	FALSE
0,016	0,310	0,000	0,008	0,021	FALSE
-0,070	0,296	-0,002	0,007	0,082	FALSE
0,140	0,301	0,005	0,009	0,218	FALSE
0,016	0,330	0,001	0,010	0,027	FALSE
-0,127	0,298	-0,003	0,007	0,177	FALSE
0,072	0,305	0,003	0,012	0,087	FALSE
0,071	0,307	0,002	0,007	0,099	FALSE
0,128	0,299	0,003	0,007	0,163	FALSE
0,065	0,316	0,002	0,009	0,073	FALSE
0,070	0,306	0,002	0,010	0,088	FALSE
0,062	0,296	0,001	0,008	0,063	FALSE
0,057	0,307	0,002	0,011	0,071	FALSE
0,037	0,313	0,001	0,010	0,036	FALSE
0,104	0,304	0,003	0,007	0,146	FALSE
0,152	0,301	0,004	0,008	0,202	FALSE
0,076	0,306	0,002	0,008	0,103	FALSE
-0,062	0,304	-0,003	0,012	0,084	FALSE
0,132	0,305	0,003	0,008	0,175	FALSE
0,120	0,307	0,003	0,007	0,152	FALSE
0,108	0,305	0,002	0,007	0,125	FALSE
0,090	0,309	0,003	0,009	0,123	FALSE
-0,115	0,309	-0,005	0,011	0,172	FALSE
0,120	0,310	0,004	0,010	0,162	FALSE
-0,112	0,300	-0,005	0,011	0,182	FALSE
0,093	0,308	0,001	0,006	0,092	FALSE
0,020	0,300	0,001	0,007	0,047	FALSE
0,087	0,314	0,003	0,009	0,123	FALSE
0,032	0,308	0,001	0,011	0,032	FALSE
0,019	0,307	0,001	0,008	0,031	FALSE
0,076	0,295	0,002	0,009	0,086	FALSE
0,011	0,318	0,000	0,013	0,002	FALSE
-0,035	0,305	-0,002	0,012	0,054	FALSE

-0,026	0,317	-0,001	0,012	0,020	FALSE
0,035	0,306	0,001	0,007	0,047	FALSE
0,006	0,307	0,000	0,012	0,001	FALSE
-0,065	0,311	-0,001	0,007	0,055	FALSE
-0,090	0,306	-0,002	0,007	0,109	FALSE
0,000	0,295	0,000	0,006	0,008	FALSE
0,036	0,307	0,002	0,013	0,054	FALSE
0,053	0,305	0,002	0,013	0,068	FALSE
0,022	0,309	0,001	0,011	0,030	FALSE
0,122	0,285	0,003	0,010	0,141	FALSE
-0,144	0,311	-0,004	0,009	0,192	FALSE
-0,095	0,313	-0,002	0,008	0,089	FALSE
-0,083	0,308	-0,004	0,011	0,140	FALSE
-0,027	0,305	-0,001	0,013	0,016	FALSE
-0,103	0,305	-0,002	0,008	0,102	FALSE
-0,027	0,289	-0,002	0,010	0,074	FALSE
-0,068	0,315	-0,002	0,008	0,104	FALSE
-0,085	0,313	-0,003	0,008	0,124	FALSE
0,180	0,298	0,004	0,006	0,270	FALSE
-0,026	0,309	-0,001	0,012	0,046	FALSE
0,063	0,321	0,002	0,009	0,067	FALSE
0,073	0,298	0,001	0,007	0,080	FALSE
0,105	0,304	0,002	0,007	0,103	FALSE
-0,009	0,303	0,000	0,010	0,000	FALSE
0,050	0,309	0,002	0,013	0,061	FALSE
0,057	0,297	0,001	0,007	0,037	FALSE
0,039	0,300	0,002	0,013	0,046	FALSE
0,014	0,313	0,000	0,009	0,016	FALSE
0,085	0,287	0,002	0,009	0,085	FALSE
0,069	0,305	0,003	0,010	0,134	FALSE
0,097	0,297	0,005	0,010	0,188	FALSE
-0,077	0,309	-0,003	0,013	0,095	FALSE
-0,107	0,318	-0,004	0,013	0,124	FALSE
0,016	0,304	0,001	0,007	0,033	FALSE
-0,064	0,309	-0,003	0,012	0,090	FALSE
-0,054	0,308	-0,002	0,008	0,072	FALSE
-0,128	0,311	-0,005	0,011	0,186	FALSE
0,048	0,316	0,001	0,011	0,031	FALSE
0,090	0,308	0,003	0,012	0,111	FALSE
-0,113	0,307	-0,004	0,011	0,155	FALSE
0,030	0,296	0,001	0,008	0,036	FALSE
-0,061	0,306	-0,001	0,007	0,065	FALSE
-0,113	0,314	-0,003	0,008	0,142	FALSE
-0,034	0,299	-0,001	0,009	0,035	FALSE
-0,035	0,315	-0,001	0,010	0,036	FALSE
0,160	0,298	0,006	0,012	0,223	FALSE
-0,107	0,311	-0,002	0,007	0,108	FALSE
-0,166	0,293	-0,006	0,011	0,227	FALSE
-0,104	0,304	-0,004	0,012	0,122	FALSE
-0,112	0,303	-0,003	0,011	0,114	FALSE
0,000	0,312	0,000	0,009	0,017	FALSE
-0,068	0,305	-0,001	0,006	0,079	FALSE
0,014	0,311	0,000	0,009	0,008	FALSE

-0,078	0,300	-0,001	0,008	0,071	FALSE
-0,049	0,298	-0,002	0,007	0,078	FALSE
-0,057	0,291	-0,002	0,010	0,093	FALSE
-0,025	0,312	-0,001	0,008	0,037	FALSE
-0,034	0,305	-0,001	0,010	0,047	FALSE
-0,063	0,311	-0,001	0,007	0,070	FALSE
0,019	0,293	0,000	0,011	0,001	FALSE
-0,070	0,300	-0,001	0,006	0,048	FALSE
0,139	0,316	0,005	0,012	0,186	FALSE
0,064	0,307	0,003	0,010	0,101	FALSE
-0,217	0,295	-0,007	0,009	0,327	FALSE
-0,152	0,310	-0,006	0,013	0,202	FALSE
0,109	0,300	0,004	0,009	0,164	FALSE
-0,047	0,330	-0,002	0,013	0,046	FALSE
0,011	0,303	0,000	0,008	0,012	FALSE
0,159	0,290	0,004	0,008	0,197	FALSE
0,192	0,291	0,006	0,008	0,326	FALSE
0,056	0,314	0,003	0,012	0,090	FALSE
-0,046	0,310	-0,001	0,012	0,032	FALSE
0,074	0,294	0,002	0,008	0,120	FALSE
0,014	0,306	0,000	0,012	0,002	FALSE
-0,057	0,302	-0,002	0,008	0,081	FALSE
-0,058	0,309	-0,001	0,007	0,065	FALSE
0,003	0,298	0,001	0,007	0,027	FALSE
0,105	0,298	0,003	0,009	0,135	FALSE
0,114	0,299	0,005	0,011	0,172	FALSE
0,051	0,295	0,002	0,009	0,073	FALSE
0,084	0,293	0,003	0,010	0,117	FALSE
0,111	0,308	0,005	0,012	0,173	FALSE
-0,108	0,298	-0,005	0,011	0,171	FALSE
-0,004	0,311	0,000	0,007	0,003	FALSE
0,022	0,320	0,001	0,007	0,037	FALSE
0,011	0,319	0,000	0,009	0,001	FALSE
-0,039	0,312	-0,002	0,012	0,054	FALSE
-0,001	0,325	0,000	0,009	0,012	FALSE
-0,106	0,308	-0,004	0,010	0,142	FALSE
0,242	0,290	0,006	0,007	0,369	FALSE
0,037	0,312	0,002	0,012	0,054	FALSE
-0,097	0,301	-0,003	0,008	0,132	FALSE
-0,100	0,310	-0,003	0,010	0,137	FALSE
0,001	0,312	0,000	0,007	0,008	FALSE
0,093	0,308	0,004	0,009	0,174	FALSE
-0,051	0,299	-0,002	0,011	0,062	FALSE
-0,056	0,301	-0,001	0,006	0,055	FALSE
-0,027	0,298	-0,001	0,007	0,040	FALSE
0,090	0,307	0,002	0,008	0,112	FALSE
0,045	0,306	0,002	0,012	0,057	FALSE
0,065	0,314	0,003	0,011	0,092	FALSE
0,085	0,316	0,003	0,009	0,130	FALSE
-0,160	0,311	-0,006	0,012	0,238	FALSE
0,088	0,298	0,003	0,012	0,108	FALSE
0,157	0,299	0,006	0,011	0,240	FALSE
0,038	0,297	0,001	0,010	0,043	FALSE

-0,026	0,295	0,000	0,009	0,001	FALSE
0,095	0,310	0,003	0,011	0,105	FALSE
0,064	0,302	0,001	0,008	0,055	FALSE
-0,072	0,310	-0,002	0,007	0,092	FALSE
-0,061	0,309	-0,002	0,007	0,078	FALSE
0,045	0,316	0,001	0,009	0,058	FALSE
-0,096	0,316	-0,002	0,007	0,134	FALSE
-0,053	0,287	-0,001	0,007	0,070	FALSE
-0,024	0,304	0,000	0,007	0,015	FALSE
-0,069	0,300	-0,001	0,006	0,059	FALSE
-0,036	0,322	-0,001	0,011	0,042	FALSE
0,101	0,304	0,003	0,007	0,152	FALSE
-0,041	0,312	0,000	0,008	0,013	FALSE
-0,006	0,294	-0,001	0,006	0,037	FALSE
0,016	0,321	0,001	0,008	0,024	FALSE
0,023	0,307	0,001	0,012	0,032	FALSE
0,000	0,296	0,000	0,012	0,008	FALSE
-0,016	0,314	-0,001	0,012	0,019	FALSE
0,044	0,310	0,001	0,008	0,045	FALSE
0,050	0,297	0,001	0,007	0,066	FALSE
0,040	0,313	0,002	0,012	0,064	FALSE
0,038	0,311	0,002	0,012	0,071	FALSE
-0,006	0,317	0,000	0,008	0,017	FALSE
0,084	0,294	0,004	0,011	0,135	FALSE
-0,182	0,304	-0,004	0,007	0,246	FALSE
0,083	0,313	0,002	0,007	0,120	FALSE
-0,063	0,317	-0,002	0,010	0,067	FALSE
-0,055	0,312	-0,002	0,011	0,072	FALSE
-0,017	0,299	-0,001	0,006	0,030	FALSE
-0,082	0,310	-0,004	0,013	0,131	FALSE
-0,005	0,300	0,000	0,011	0,004	FALSE
0,071	0,298	0,003	0,011	0,128	FALSE
-0,125	0,313	-0,006	0,012	0,205	FALSE
0,181	0,303	0,004	0,007	0,260	FALSE
-0,151	0,300	-0,006	0,010	0,268	FALSE
-0,036	0,306	-0,001	0,009	0,059	FALSE
-0,044	0,318	-0,001	0,010	0,046	FALSE
-0,063	0,310	-0,002	0,012	0,063	FALSE
-0,039	0,315	-0,001	0,013	0,031	FALSE
0,034	0,319	0,001	0,010	0,049	FALSE
-0,061	0,297	-0,002	0,009	0,066	FALSE
0,094	0,298	0,002	0,007	0,126	FALSE
0,024	0,301	0,001	0,010	0,022	FALSE
0,050	0,325	0,002	0,013	0,051	FALSE
0,057	0,305	0,002	0,012	0,059	FALSE
-0,016	0,313	-0,001	0,011	0,047	FALSE
0,098	0,306	0,004	0,013	0,107	FALSE
-0,010	0,309	0,000	0,011	0,012	FALSE
0,070	0,300	0,003	0,009	0,125	FALSE
0,030	0,299	0,001	0,012	0,036	FALSE
-0,006	0,307	0,000	0,007	0,000	FALSE
0,049	0,326	0,001	0,009	0,055	FALSE
-0,009	0,323	0,000	0,008	0,006	FALSE

0,028	0,313	0,001	0,007	0,036	FALSE
-0,023	0,304	-0,001	0,013	0,031	FALSE
-0,065	0,313	-0,001	0,008	0,060	FALSE
-0,125	0,311	-0,003	0,008	0,163	FALSE
0,028	0,300	0,001	0,011	0,034	FALSE
-0,116	0,297	-0,004	0,009	0,165	FALSE
0,005	0,312	0,000	0,006	0,002	FALSE
0,027	0,306	0,000	0,007	0,006	FALSE
-0,082	0,296	-0,002	0,007	0,139	FALSE
-0,046	0,306	-0,001	0,011	0,036	FALSE
-0,026	0,312	-0,001	0,007	0,062	FALSE
-0,106	0,313	-0,003	0,010	0,140	FALSE
0,024	0,313	0,001	0,010	0,029	FALSE
-0,050	0,315	-0,002	0,012	0,055	FALSE
-0,072	0,289	-0,003	0,011	0,125	FALSE
-0,057	0,304	-0,002	0,009	0,091	FALSE
0,078	0,308	0,003	0,012	0,104	FALSE
0,084	0,309	0,003	0,010	0,119	FALSE
0,032	0,314	0,002	0,013	0,045	FALSE
0,048	0,305	0,001	0,008	0,057	FALSE
-0,014	0,314	0,000	0,007	0,020	FALSE
-0,065	0,305	-0,002	0,007	0,112	FALSE
-0,067	0,308	-0,002	0,009	0,092	FALSE
0,006	0,313	0,000	0,007	0,009	FALSE
0,041	0,313	0,001	0,008	0,065	FALSE
-0,136	0,306	-0,005	0,010	0,202	FALSE
0,046	0,295	0,002	0,012	0,060	FALSE
-0,060	0,303	-0,001	0,007	0,070	FALSE
0,003	0,306	0,000	0,011	0,006	FALSE
0,049	0,289	0,003	0,012	0,082	FALSE
-0,080	0,307	-0,002	0,007	0,092	FALSE
0,124	0,299	0,003	0,006	0,157	FALSE
0,065	0,304	0,002	0,008	0,095	FALSE
-0,073	0,298	-0,003	0,009	0,114	FALSE
-0,096	0,306	-0,003	0,010	0,137	FALSE
-0,049	0,303	-0,003	0,012	0,092	FALSE
-0,025	0,305	0,000	0,009	0,010	FALSE
0,073	0,308	0,003	0,011	0,104	FALSE
0,109	0,304	0,005	0,013	0,143	FALSE
-0,076	0,305	-0,003	0,012	0,099	FALSE
-0,123	0,296	-0,005	0,012	0,180	FALSE
0,088	0,308	0,002	0,008	0,072	FALSE
0,069	0,300	0,002	0,013	0,055	FALSE
-0,045	0,314	-0,001	0,011	0,047	FALSE
-0,013	0,311	-0,001	0,010	0,042	FALSE
-0,093	0,311	-0,003	0,009	0,108	FALSE
-0,023	0,315	-0,001	0,007	0,037	FALSE
-0,010	0,313	0,000	0,006	0,003	FALSE
0,139	0,302	0,005	0,009	0,246	FALSE
0,027	0,295	0,000	0,009	0,009	FALSE
0,082	0,292	0,003	0,008	0,127	FALSE
0,014	0,311	0,001	0,010	0,030	FALSE
0,074	0,320	0,003	0,011	0,089	FALSE

-0,019	0,307	-0,001	0,011	0,023	FALSE
-0,020	0,305	0,000	0,008	0,016	FALSE
-0,027	0,300	-0,001	0,007	0,058	FALSE
-0,063	0,306	-0,002	0,008	0,115	FALSE
0,009	0,314	0,000	0,007	0,020	FALSE
-0,049	0,307	-0,003	0,013	0,074	FALSE
-0,068	0,295	-0,002	0,010	0,087	FALSE
0,004	0,308	0,000	0,008	0,021	FALSE
-0,024	0,304	-0,002	0,012	0,051	FALSE
0,081	0,314	0,004	0,013	0,107	FALSE
0,055	0,305	0,001	0,007	0,082	FALSE
-0,003	0,320	0,000	0,011	0,011	FALSE
0,041	0,315	0,002	0,008	0,076	FALSE
-0,041	0,294	-0,001	0,007	0,047	FALSE
-0,118	0,303	-0,005	0,011	0,174	FALSE
0,106	0,318	0,003	0,006	0,163	FALSE
-0,115	0,302	-0,004	0,009	0,170	FALSE
0,027	0,299	0,001	0,006	0,064	FALSE
-0,020	0,310	0,000	0,009	0,010	FALSE
-0,025	0,299	0,000	0,009	0,007	FALSE
-0,015	0,294	0,000	0,009	0,002	FALSE
-0,097	0,314	-0,002	0,007	0,101	FALSE
0,030	0,317	0,001	0,007	0,034	FALSE
-0,027	0,302	0,000	0,006	0,023	FALSE
0,034	0,301	0,000	0,006	0,021	FALSE
0,037	0,309	0,002	0,009	0,064	FALSE
-0,013	0,310	0,000	0,010	0,012	FALSE
-0,020	0,277	-0,001	0,009	0,041	FALSE
-0,010	0,323	0,000	0,007	0,015	FALSE
-0,077	0,319	-0,003	0,012	0,105	FALSE
0,007	0,305	0,000	0,012	0,005	FALSE
0,018	0,311	0,001	0,010	0,048	FALSE
0,031	0,295	0,001	0,007	0,034	FALSE
-0,007	0,304	0,000	0,009	0,016	FALSE
0,116	0,294	0,004	0,009	0,187	FALSE
0,084	0,324	0,002	0,007	0,118	FALSE
0,014	0,311	0,001	0,012	0,039	FALSE
-0,015	0,316	-0,001	0,009	0,040	FALSE
-0,013	0,307	-0,001	0,007	0,052	FALSE
-0,030	0,304	-0,001	0,010	0,047	FALSE
-0,018	0,318	-0,001	0,012	0,033	FALSE
0,058	0,298	0,003	0,010	0,095	FALSE
-0,084	0,324	-0,003	0,011	0,127	FALSE
-0,188	0,297	-0,006	0,010	0,250	FALSE
0,042	0,305	0,001	0,007	0,057	FALSE
0,112	0,305	0,003	0,007	0,157	FALSE
0,023	0,311	0,001	0,010	0,023	FALSE
0,152	0,316	0,005	0,010	0,206	FALSE
0,027	0,297	0,001	0,008	0,026	FALSE
0,050	0,301	0,001	0,009	0,039	FALSE
0,040	0,302	0,001	0,007	0,073	FALSE
0,097	0,307	0,002	0,009	0,103	FALSE
0,108	0,301	0,005	0,013	0,149	FALSE

0,043	0,315	0,002	0,012	0,050	FALSE
-0,054	0,313	-0,002	0,011	0,054	FALSE
0,066	0,310	0,002	0,008	0,087	FALSE
-0,013	0,316	0,000	0,007	0,016	FALSE
-0,033	0,311	-0,001	0,008	0,041	FALSE
-0,034	0,318	-0,001	0,008	0,051	FALSE
-0,052	0,300	-0,002	0,008	0,074	FALSE
0,121	0,309	0,003	0,008	0,168	FALSE
-0,120	0,307	-0,003	0,008	0,160	FALSE
0,002	0,296	0,000	0,008	0,002	FALSE
0,082	0,296	0,002	0,009	0,094	FALSE
-0,125	0,307	-0,005	0,012	0,158	FALSE
0,003	0,316	0,000	0,013	0,006	FALSE
-0,006	0,315	0,000	0,011	0,015	FALSE
-0,014	0,302	-0,001	0,007	0,030	FALSE
0,019	0,302	0,001	0,012	0,017	FALSE
0,026	0,315	0,001	0,010	0,041	FALSE
-0,056	0,322	-0,001	0,008	0,072	FALSE
-0,039	0,311	-0,001	0,008	0,046	FALSE
0,021	0,302	0,000	0,007	0,023	FALSE
-0,039	0,295	-0,001	0,007	0,076	FALSE
0,031	0,304	0,000	0,006	0,003	FALSE
0,034	0,304	0,001	0,007	0,050	FALSE
-0,074	0,301	-0,003	0,012	0,100	FALSE
-0,083	0,313	-0,003	0,013	0,094	FALSE
-0,023	0,314	-0,001	0,010	0,022	FALSE
-0,110	0,291	-0,004	0,008	0,197	FALSE
-0,053	0,297	-0,001	0,006	0,061	FALSE
0,129	0,320	0,004	0,010	0,187	FALSE
0,108	0,312	0,004	0,011	0,154	FALSE
0,164	0,301	0,005	0,008	0,238	FALSE
0,140	0,308	0,003	0,006	0,180	FALSE
0,020	0,311	0,000	0,008	0,012	FALSE
-0,057	0,322	-0,002	0,012	0,064	FALSE
0,085	0,311	0,003	0,011	0,112	FALSE
-0,061	0,304	-0,002	0,007	0,090	FALSE
0,029	0,305	0,001	0,012	0,020	FALSE
0,022	0,288	0,000	0,008	0,020	FALSE
0,037	0,305	0,001	0,009	0,032	FALSE
-0,124	0,319	-0,003	0,007	0,151	FALSE
-0,105	0,301	-0,004	0,010	0,160	FALSE
0,102	0,310	0,003	0,010	0,113	FALSE
-0,095	0,305	-0,003	0,009	0,144	FALSE
-0,052	0,316	-0,001	0,007	0,060	FALSE
0,026	0,310	0,001	0,009	0,023	FALSE
-0,001	0,297	-0,001	0,010	0,024	FALSE
0,016	0,306	0,000	0,007	0,012	FALSE
0,048	0,307	0,002	0,010	0,070	FALSE
-0,031	0,303	-0,001	0,011	0,033	FALSE
-0,080	0,305	-0,003	0,011	0,123	FALSE
0,083	0,309	0,002	0,008	0,107	FALSE
0,015	0,321	0,000	0,007	0,027	FALSE
-0,007	0,322	0,000	0,008	0,011	FALSE

0,129	0,291	0,004	0,007	0,214	FALSE
-0,005	0,308	0,000	0,011	0,012	FALSE
0,073	0,291	0,002	0,008	0,100	FALSE
-0,071	0,305	-0,003	0,011	0,093	FALSE
0,003	0,315	0,000	0,007	0,003	FALSE
-0,060	0,304	-0,003	0,011	0,110	FALSE
0,017	0,317	0,000	0,008	0,017	FALSE
-0,086	0,306	-0,002	0,007	0,098	FALSE
-0,021	0,309	-0,002	0,013	0,063	FALSE
0,062	0,307	0,002	0,013	0,049	FALSE
0,042	0,310	0,001	0,013	0,027	FALSE
0,215	0,306	0,008	0,011	0,331	FALSE
-0,008	0,302	0,000	0,007	0,019	FALSE
0,062	0,296	0,001	0,007	0,063	FALSE
0,115	0,310	0,005	0,012	0,169	FALSE
0,024	0,321	0,001	0,012	0,034	FALSE
-0,050	0,315	-0,001	0,008	0,068	FALSE
0,105	0,308	0,003	0,010	0,122	FALSE
-0,072	0,304	-0,003	0,009	0,106	FALSE
0,012	0,294	0,001	0,013	0,031	FALSE
0,030	0,302	0,002	0,012	0,047	FALSE
-0,028	0,301	-0,001	0,009	0,026	FALSE
0,002	0,306	0,000	0,011	0,016	FALSE
0,032	0,318	0,001	0,011	0,033	FALSE
0,132	0,310	0,006	0,013	0,178	FALSE
-0,061	0,300	-0,001	0,006	0,080	FALSE
0,109	0,313	0,003	0,009	0,139	FALSE
-0,070	0,302	-0,002	0,007	0,087	FALSE
0,038	0,319	0,001	0,009	0,049	FALSE
0,088	0,299	0,004	0,012	0,142	FALSE
0,060	0,317	0,002	0,011	0,079	FALSE
-0,092	0,307	-0,002	0,007	0,094	FALSE
0,123	0,299	0,005	0,012	0,182	FALSE
0,094	0,299	0,004	0,012	0,133	FALSE
-0,074	0,325	-0,002	0,007	0,090	FALSE
0,149	0,288	0,004	0,007	0,284	FALSE
0,193	0,292	0,008	0,010	0,369	FALSE
-0,055	0,297	-0,004	0,013	0,110	FALSE
0,188	0,300	0,008	0,012	0,305	FALSE
-0,041	0,317	-0,003	0,013	0,080	FALSE
-0,034	0,296	-0,001	0,007	0,045	FALSE
0,005	0,320	0,001	0,013	0,020	FALSE
-0,094	0,308	-0,002	0,009	0,094	FALSE
-0,138	0,311	-0,004	0,009	0,188	FALSE
-0,110	0,313	-0,003	0,008	0,145	FALSE
0,061	0,306	0,001	0,006	0,068	FALSE
0,014	0,308	0,000	0,007	0,007	FALSE
-0,058	0,308	-0,002	0,012	0,062	FALSE
-0,069	0,307	-0,002	0,011	0,063	FALSE
0,073	0,309	0,002	0,008	0,094	FALSE
-0,024	0,292	-0,001	0,011	0,029	FALSE
0,049	0,302	0,002	0,009	0,065	FALSE
0,051	0,312	0,002	0,009	0,064	FALSE

-0,104	0,308	-0,004	0,012	0,144	FALSE
-0,160	0,309	-0,004	0,007	0,231	FALSE
-0,177	0,297	-0,008	0,013	0,291	FALSE
-0,169	0,308	-0,008	0,013	0,271	FALSE
-0,031	0,312	-0,001	0,007	0,032	FALSE
-0,170	0,291	-0,009	0,013	0,297	FALSE
-0,051	0,308	-0,002	0,009	0,074	FALSE
-0,096	0,311	-0,002	0,007	0,119	FALSE
-0,046	0,311	-0,002	0,013	0,068	FALSE
0,010	0,306	0,000	0,010	0,004	FALSE
-0,036	0,319	-0,001	0,009	0,041	FALSE
0,129	0,302	0,005	0,013	0,164	FALSE
0,041	0,319	0,001	0,007	0,037	FALSE
0,017	0,296	0,000	0,007	0,017	FALSE
0,049	0,306	0,000	0,010	0,016	FALSE
-0,045	0,307	-0,001	0,011	0,037	FALSE
0,046	0,306	0,001	0,009	0,056	FALSE
0,054	0,311	0,001	0,010	0,030	FALSE
0,075	0,311	0,002	0,008	0,114	FALSE
-0,078	0,304	-0,002	0,008	0,105	FALSE
-0,175	0,303	-0,004	0,006	0,260	FALSE
-0,027	0,317	-0,001	0,010	0,038	FALSE
0,178	0,309	0,005	0,009	0,239	FALSE
-0,076	0,303	-0,003	0,010	0,101	FALSE
-0,015	0,303	-0,001	0,011	0,049	FALSE
0,011	0,309	0,000	0,010	0,001	FALSE
-0,056	0,314	-0,002	0,012	0,076	FALSE
0,114	0,305	0,003	0,010	0,135	FALSE
-0,098	0,302	-0,004	0,011	0,123	FALSE
0,057	0,319	0,002	0,007	0,084	FALSE
0,030	0,317	0,001	0,007	0,056	FALSE
0,051	0,290	0,001	0,006	0,087	FALSE
-0,068	0,322	-0,001	0,007	0,080	FALSE
0,074	0,306	0,002	0,009	0,102	FALSE
0,071	0,309	0,002	0,007	0,103	FALSE
-0,001	0,310	0,000	0,009	0,008	FALSE
-0,083	0,303	-0,002	0,008	0,102	FALSE
-0,122	0,303	-0,003	0,010	0,134	FALSE
0,013	0,317	0,000	0,007	0,009	FALSE
0,077	0,306	0,002	0,013	0,068	FALSE
0,039	0,314	0,002	0,011	0,067	FALSE
-0,217	0,297	-0,005	0,007	0,317	FALSE
0,058	0,307	0,001	0,007	0,078	FALSE
0,160	0,298	0,005	0,008	0,250	FALSE
-0,165	0,305	-0,004	0,008	0,212	FALSE
-0,048	0,314	-0,002	0,010	0,068	FALSE
0,014	0,315	0,000	0,010	0,014	FALSE
-0,069	0,295	-0,003	0,013	0,081	FALSE
-0,042	0,285	-0,001	0,012	0,041	FALSE
-0,018	0,293	0,000	0,012	0,006	FALSE
0,021	0,295	0,002	0,010	0,058	FALSE
-0,071	0,321	-0,003	0,010	0,096	FALSE
-0,070	0,313	-0,003	0,010	0,106	FALSE

0,059	0,314	0,002	0,008	0,070	FALSE
0,018	0,317	0,001	0,009	0,045	FALSE
-0,093	0,310	-0,004	0,010	0,145	FALSE
0,146	0,306	0,005	0,011	0,204	FALSE
-0,025	0,299	-0,001	0,011	0,029	FALSE
0,030	0,308	0,000	0,010	0,008	FALSE
0,088	0,310	0,005	0,013	0,151	FALSE
0,054	0,292	0,003	0,010	0,102	FALSE
-0,067	0,313	-0,002	0,011	0,075	FALSE
-0,055	0,314	-0,002	0,012	0,055	FALSE
-0,104	0,299	-0,005	0,010	0,188	FALSE
0,026	0,315	0,001	0,012	0,029	FALSE
0,038	0,320	0,001	0,011	0,033	FALSE
0,109	0,301	0,005	0,012	0,177	FALSE
0,046	0,310	0,002	0,012	0,065	FALSE
-0,022	0,323	-0,001	0,012	0,030	FALSE
0,031	0,319	0,001	0,013	0,033	FALSE
0,026	0,315	0,001	0,013	0,025	FALSE
0,027	0,312	0,001	0,008	0,028	FALSE
0,045	0,308	0,001	0,007	0,048	FALSE
-0,055	0,314	-0,001	0,007	0,058	FALSE
-0,008	0,314	0,000	0,009	0,002	FALSE
-0,066	0,307	-0,002	0,011	0,072	FALSE
0,011	0,316	0,000	0,013	0,007	FALSE
0,040	0,310	0,002	0,012	0,051	FALSE
0,012	0,315	0,001	0,013	0,018	FALSE
0,008	0,313	0,000	0,009	0,015	FALSE
0,005	0,326	0,000	0,013	0,004	FALSE
0,008	0,297	0,000	0,010	0,012	FALSE
0,029	0,307	0,001	0,011	0,022	FALSE
0,016	0,307	0,000	0,010	0,009	FALSE
-0,039	0,302	-0,001	0,008	0,039	FALSE
-0,101	0,310	-0,003	0,010	0,136	FALSE
0,037	0,306	0,000	0,006	0,020	FALSE
-0,076	0,307	-0,002	0,006	0,128	FALSE
0,025	0,313	0,001	0,007	0,039	FALSE
0,029	0,310	0,001	0,007	0,030	FALSE
0,127	0,300	0,003	0,007	0,167	FALSE
0,027	0,293	0,001	0,007	0,034	FALSE
0,120	0,314	0,003	0,008	0,133	FALSE
0,093	0,297	0,002	0,007	0,132	FALSE
0,155	0,304	0,004	0,007	0,226	FALSE
0,135	0,308	0,004	0,008	0,182	FALSE
0,115	0,314	0,003	0,008	0,165	FALSE
0,134	0,310	0,003	0,007	0,185	FALSE
0,122	0,302	0,003	0,008	0,182	FALSE
0,149	0,294	0,004	0,007	0,219	FALSE
0,165	0,301	0,004	0,007	0,240	FALSE
0,141	0,305	0,003	0,007	0,202	FALSE
0,128	0,306	0,004	0,007	0,194	FALSE
0,159	0,307	0,004	0,007	0,228	FALSE
0,137	0,303	0,004	0,008	0,199	FALSE
0,144	0,301	0,004	0,007	0,206	FALSE

0,131	0,300	0,003	0,007	0,191	FALSE
0,124	0,306	0,003	0,008	0,167	FALSE
0,168	0,283	0,004	0,007	0,274	FALSE
0,131	0,299	0,004	0,008	0,206	FALSE
-0,104	0,316	-0,002	0,007	0,109	FALSE
0,124	0,314	0,003	0,008	0,170	FALSE
0,125	0,301	0,003	0,008	0,182	FALSE
0,150	0,304	0,004	0,008	0,231	FALSE
0,164	0,307	0,004	0,008	0,236	FALSE
0,145	0,302	0,004	0,008	0,201	FALSE
0,153	0,319	0,007	0,012	0,233	FALSE
0,082	0,314	0,003	0,011	0,111	FALSE
0,160	0,289	0,008	0,012	0,286	FALSE
-0,080	0,304	-0,002	0,008	0,104	FALSE
0,081	0,305	0,003	0,009	0,127	FALSE
-0,003	0,304	0,000	0,013	0,009	FALSE
0,138	0,292	0,005	0,011	0,206	FALSE
0,102	0,296	0,003	0,011	0,103	FALSE
0,000	0,295	0,000	0,007	0,006	FALSE
-0,043	0,314	-0,001	0,009	0,032	FALSE
-0,018	0,305	0,000	0,006	0,006	FALSE
0,075	0,282	0,003	0,010	0,124	FALSE
-0,048	0,275	-0,001	0,009	0,039	FALSE
0,042	0,307	0,002	0,009	0,066	FALSE
0,119	0,305	0,005	0,012	0,190	FALSE
-0,016	0,305	0,000	0,010	0,012	FALSE
0,005	0,304	0,001	0,010	0,040	FALSE
0,140	0,294	0,004	0,009	0,212	FALSE
-0,004	0,321	0,000	0,007	0,014	FALSE
0,061	0,304	0,002	0,007	0,081	FALSE
-0,167	0,296	-0,005	0,008	0,284	FALSE
-0,089	0,294	-0,002	0,007	0,111	FALSE
-0,058	0,299	-0,001	0,007	0,073	FALSE
-0,083	0,293	-0,002	0,006	0,117	FALSE
-0,071	0,287	-0,002	0,006	0,093	FALSE
-0,094	0,298	-0,002	0,007	0,130	FALSE
-0,062	0,305	-0,001	0,007	0,076	FALSE
0,059	0,315	0,003	0,012	0,103	FALSE
0,045	0,301	0,001	0,006	0,052	FALSE
0,029	0,315	0,001	0,006	0,041	FALSE
0,030	0,317	0,002	0,013	0,051	FALSE
-0,071	0,301	-0,003	0,012	0,103	FALSE
-0,088	0,302	-0,002	0,009	0,105	FALSE
0,056	0,309	0,001	0,007	0,047	FALSE
0,032	0,307	0,001	0,008	0,027	FALSE
-0,065	0,308	-0,003	0,012	0,089	FALSE
0,006	0,299	0,000	0,006	0,020	FALSE
-0,120	0,301	-0,002	0,007	0,119	FALSE
0,041	0,307	0,001	0,012	0,038	FALSE
0,048	0,297	0,001	0,008	0,033	FALSE
-0,025	0,301	-0,001	0,012	0,039	FALSE
-0,146	0,303	-0,003	0,007	0,198	FALSE
-0,023	0,298	-0,001	0,007	0,054	FALSE

0,052	0,313	0,002	0,013	0,051	FALSE
-0,018	0,318	-0,001	0,010	0,034	FALSE
0,130	0,294	0,006	0,012	0,196	FALSE
-0,041	0,304	-0,002	0,009	0,076	FALSE
0,018	0,304	0,001	0,011	0,033	FALSE
-0,133	0,302	-0,003	0,008	0,143	FALSE
-0,013	0,315	0,000	0,007	0,016	FALSE
-0,011	0,302	-0,001	0,010	0,019	FALSE
0,020	0,300	0,001	0,011	0,023	FALSE
-0,072	0,304	-0,002	0,009	0,111	FALSE
-0,016	0,298	-0,001	0,011	0,034	FALSE
0,118	0,310	0,004	0,012	0,150	FALSE
0,055	0,313	0,002	0,011	0,068	FALSE
0,066	0,296	0,001	0,007	0,081	FALSE
-0,019	0,285	0,000	0,011	0,005	FALSE
0,194	0,308	0,005	0,008	0,292	FALSE
-0,001	0,314	0,000	0,007	0,005	FALSE
0,145	0,300	0,003	0,006	0,225	FALSE
0,127	0,310	0,004	0,009	0,192	FALSE
0,084	0,302	0,002	0,008	0,070	FALSE
0,080	0,325	0,002	0,009	0,065	FALSE
0,154	0,317	0,004	0,009	0,188	FALSE
-0,209	0,301	-0,009	0,012	0,331	FALSE
-0,203	0,297	-0,007	0,011	0,284	FALSE
-0,071	0,294	-0,002	0,008	0,082	FALSE
0,034	0,314	0,001	0,008	0,031	FALSE
-0,064	0,305	-0,002	0,009	0,091	FALSE
0,017	0,298	0,001	0,009	0,032	FALSE
0,068	0,301	0,003	0,010	0,119	FALSE
-0,001	0,306	-0,001	0,010	0,036	FALSE
0,075	0,297	0,003	0,010	0,120	FALSE
-0,033	0,306	-0,001	0,006	0,032	FALSE
0,051	0,303	0,002	0,011	0,053	FALSE
0,216	0,298	0,006	0,009	0,341	FALSE
-0,077	0,306	-0,003	0,012	0,106	FALSE
-0,106	0,307	-0,004	0,011	0,139	FALSE
0,076	0,313	0,002	0,007	0,111	FALSE
0,058	0,304	0,002	0,007	0,085	FALSE
-0,093	0,304	-0,003	0,013	0,104	FALSE
-0,068	0,311	-0,002	0,008	0,075	FALSE
0,019	0,294	0,000	0,011	0,011	FALSE
-0,018	0,298	0,000	0,009	0,009	FALSE
-0,153	0,290	-0,004	0,007	0,213	FALSE
-0,011	0,314	-0,001	0,012	0,029	FALSE
-0,076	0,312	-0,002	0,007	0,120	FALSE
0,076	0,296	0,004	0,011	0,130	FALSE
0,124	0,300	0,005	0,010	0,195	FALSE
-0,112	0,313	-0,005	0,010	0,202	FALSE
0,007	0,320	0,001	0,007	0,042	FALSE
-0,095	0,319	-0,003	0,010	0,099	FALSE
0,108	0,302	0,003	0,008	0,132	FALSE
0,008	0,308	0,000	0,009	0,007	FALSE
-0,077	0,310	-0,002	0,007	0,101	FALSE

0,059	0,310	0,002	0,012	0,075	FALSE
-0,076	0,318	-0,002	0,006	0,098	FALSE
-0,070	0,312	-0,002	0,008	0,074	FALSE
0,214	0,302	0,008	0,011	0,314	FALSE
-0,018	0,325	0,000	0,007	0,012	FALSE
0,078	0,306	0,003	0,012	0,084	FALSE
-0,078	0,293	-0,002	0,007	0,102	FALSE
0,001	0,291	-0,001	0,012	0,021	FALSE
0,128	0,308	0,005	0,011	0,176	FALSE
-0,056	0,309	-0,002	0,009	0,066	FALSE
0,000	0,326	-0,001	0,012	0,019	FALSE
0,156	0,304	0,004	0,009	0,198	FALSE
0,005	0,301	0,000	0,007	0,022	FALSE
0,151	0,297	0,006	0,012	0,218	FALSE
0,169	0,298	0,007	0,012	0,244	FALSE
-0,053	0,314	-0,001	0,009	0,050	FALSE
0,143	0,304	0,005	0,012	0,190	FALSE
-0,069	0,312	-0,003	0,012	0,078	FALSE
-0,125	0,319	-0,003	0,009	0,141	FALSE
0,134	0,301	0,003	0,007	0,163	FALSE
-0,021	0,304	0,000	0,006	0,022	FALSE
-0,066	0,311	-0,002	0,010	0,072	FALSE
0,023	0,309	0,002	0,008	0,072	FALSE
-0,086	0,308	-0,003	0,011	0,087	FALSE
0,054	0,294	0,002	0,012	0,065	FALSE
0,035	0,304	0,001	0,012	0,039	FALSE
0,067	0,309	0,002	0,009	0,087	FALSE
0,210	0,283	0,006	0,009	0,306	FALSE
0,080	0,303	0,003	0,011	0,100	FALSE
0,006	0,313	0,000	0,010	0,002	FALSE
0,044	0,320	0,001	0,008	0,033	FALSE
-0,091	0,313	-0,004	0,013	0,112	FALSE
0,106	0,314	0,004	0,010	0,152	FALSE
-0,113	0,307	-0,002	0,006	0,139	FALSE
0,151	0,304	0,003	0,006	0,224	FALSE
-0,087	0,299	-0,002	0,008	0,112	FALSE
0,026	0,296	0,001	0,006	0,060	FALSE
0,127	0,295	0,004	0,010	0,159	FALSE
-0,062	0,305	-0,002	0,006	0,099	FALSE
-0,055	0,306	-0,001	0,007	0,051	FALSE
0,076	0,304	0,003	0,013	0,085	FALSE
-0,067	0,309	-0,001	0,006	0,067	FALSE
0,017	0,307	0,001	0,011	0,023	FALSE
-0,164	0,309	-0,004	0,007	0,208	FALSE
0,017	0,314	0,001	0,011	0,019	FALSE
-0,018	0,305	0,000	0,008	0,006	FALSE
0,122	0,306	0,004	0,010	0,160	FALSE
0,089	0,304	0,003	0,010	0,130	FALSE
0,086	0,297	0,002	0,006	0,099	FALSE
-0,085	0,298	-0,004	0,012	0,117	FALSE
-0,126	0,302	-0,003	0,008	0,150	FALSE
-0,108	0,296	-0,003	0,010	0,115	FALSE
-0,112	0,300	-0,004	0,010	0,163	FALSE

-0,153	0,308	-0,005	0,009	0,227	FALSE
0,002	0,313	0,000	0,009	0,013	FALSE
0,024	0,305	0,001	0,013	0,022	FALSE
0,084	0,311	0,002	0,010	0,094	FALSE
-0,087	0,313	-0,003	0,009	0,139	FALSE
0,081	0,311	0,003	0,011	0,110	FALSE
0,083	0,299	0,003	0,010	0,131	FALSE
0,039	0,297	0,001	0,011	0,047	FALSE
0,005	0,314	0,000	0,012	0,014	FALSE
-0,017	0,302	0,000	0,007	0,009	FALSE
-0,042	0,306	-0,001	0,009	0,054	FALSE
-0,048	0,324	-0,001	0,009	0,041	FALSE
-0,094	0,311	-0,003	0,009	0,116	FALSE
0,090	0,309	0,003	0,010	0,100	FALSE
0,095	0,307	0,003	0,007	0,144	FALSE
-0,091	0,317	-0,002	0,007	0,097	FALSE
-0,057	0,318	-0,001	0,011	0,042	FALSE
-0,169	0,315	-0,007	0,013	0,241	FALSE
0,027	0,303	0,000	0,010	0,007	FALSE
0,125	0,279	0,006	0,012	0,196	FALSE
-0,064	0,307	-0,002	0,012	0,061	FALSE
-0,073	0,310	-0,003	0,010	0,115	FALSE
0,045	0,301	0,002	0,012	0,071	FALSE
-0,085	0,310	-0,003	0,010	0,125	FALSE
-0,040	0,304	0,000	0,013	0,011	FALSE
-0,034	0,309	0,000	0,013	0,011	FALSE
-0,029	0,312	0,000	0,013	0,004	FALSE
0,029	0,301	0,002	0,011	0,060	FALSE
0,011	0,310	0,000	0,010	0,007	FALSE
0,084	0,321	0,004	0,013	0,118	FALSE
-0,073	0,306	-0,004	0,012	0,120	FALSE
0,049	0,283	0,001	0,007	0,078	FALSE
-0,049	0,312	-0,001	0,007	0,038	FALSE
-0,011	0,307	0,000	0,010	0,004	FALSE
0,046	0,307	0,001	0,007	0,041	FALSE
-0,145	0,295	-0,004	0,008	0,211	FALSE
0,060	0,315	0,002	0,008	0,093	FALSE
-0,008	0,318	0,000	0,013	0,000	FALSE
0,113	0,296	0,004	0,013	0,124	FALSE
0,102	0,311	0,003	0,007	0,139	FALSE
-0,014	0,319	0,000	0,013	0,008	FALSE
0,010	0,320	0,000	0,008	0,013	FALSE
0,099	0,303	0,004	0,010	0,155	FALSE
-0,118	0,294	-0,003	0,006	0,171	FALSE
0,001	0,315	0,000	0,007	0,008	FALSE
-0,171	0,306	-0,004	0,008	0,248	FALSE
-0,035	0,294	-0,001	0,007	0,058	FALSE
0,108	0,299	0,002	0,007	0,108	FALSE
-0,038	0,322	-0,002	0,013	0,066	FALSE
-0,011	0,305	0,000	0,011	0,003	FALSE
0,030	0,312	0,001	0,012	0,045	FALSE
0,035	0,303	0,001	0,010	0,054	FALSE
-0,116	0,305	-0,003	0,007	0,180	FALSE

-0,059	0,303	-0,003	0,011	0,104	FALSE
-0,038	0,306	-0,001	0,009	0,054	FALSE
0,077	0,308	0,002	0,008	0,112	FALSE
0,043	0,305	0,001	0,007	0,050	FALSE
0,164	0,296	0,006	0,010	0,254	FALSE
0,093	0,298	0,003	0,009	0,153	FALSE
0,155	0,298	0,005	0,009	0,235	FALSE
-0,155	0,303	-0,007	0,013	0,244	FALSE
-0,050	0,311	-0,003	0,013	0,088	FALSE
0,049	0,307	0,002	0,013	0,047	FALSE
0,000	0,310	0,000	0,007	0,002	FALSE
-0,056	0,301	-0,003	0,011	0,090	FALSE
0,042	0,307	0,001	0,009	0,059	FALSE
-0,034	0,310	-0,002	0,011	0,048	FALSE
0,044	0,314	0,001	0,009	0,059	FALSE
-0,138	0,313	-0,006	0,013	0,194	FALSE
-0,086	0,311	-0,002	0,007	0,092	FALSE
-0,090	0,299	-0,003	0,010	0,101	FALSE
-0,021	0,309	0,000	0,007	0,006	FALSE
-0,052	0,298	-0,001	0,007	0,047	FALSE
0,016	0,305	0,000	0,013	0,009	FALSE
0,079	0,297	0,004	0,012	0,144	FALSE
0,038	0,306	0,002	0,010	0,062	FALSE
-0,066	0,294	-0,002	0,007	0,085	FALSE
0,039	0,295	0,001	0,011	0,037	FALSE
0,196	0,290	0,008	0,012	0,281	FALSE
-0,090	0,302	-0,002	0,008	0,113	FALSE
0,068	0,316	0,002	0,007	0,116	FALSE
0,016	0,310	0,001	0,010	0,022	FALSE
0,111	0,301	0,004	0,012	0,137	FALSE
-0,156	0,299	-0,004	0,008	0,231	FALSE
-0,129	0,288	-0,005	0,012	0,152	FALSE
-0,024	0,310	0,000	0,007	0,013	FALSE
0,053	0,312	0,002	0,008	0,083	FALSE
-0,039	0,303	-0,001	0,012	0,035	FALSE
-0,171	0,300	-0,005	0,010	0,235	FALSE
0,007	0,293	0,000	0,010	0,008	FALSE
0,080	0,305	0,002	0,006	0,139	FALSE
0,055	0,310	0,001	0,006	0,062	FALSE
-0,021	0,317	0,000	0,006	0,007	FALSE
0,052	0,313	0,001	0,007	0,055	FALSE
0,137	0,311	0,005	0,011	0,188	FALSE
-0,005	0,302	0,000	0,008	0,001	FALSE
0,114	0,290	0,003	0,006	0,181	FALSE
-0,042	0,320	-0,001	0,007	0,039	FALSE
-0,100	0,309	-0,004	0,012	0,116	FALSE
-0,115	0,308	-0,004	0,010	0,157	FALSE
-0,015	0,300	-0,001	0,007	0,036	FALSE
-0,072	0,303	-0,002	0,008	0,098	FALSE
0,129	0,306	0,003	0,006	0,173	FALSE
0,126	0,312	0,002	0,006	0,158	FALSE
-0,086	0,302	-0,003	0,008	0,123	FALSE
-0,073	0,293	-0,002	0,007	0,117	FALSE

0,261	0,291	0,009	0,010	0,447	FALSE
0,007	0,306	0,001	0,006	0,048	FALSE
0,263	0,293	0,009	0,009	0,441	FALSE
-0,157	0,292	-0,004	0,007	0,235	FALSE
0,140	0,295	0,005	0,008	0,247	FALSE
0,077	0,313	0,004	0,011	0,131	FALSE
0,057	0,302	0,002	0,010	0,076	FALSE
0,011	0,303	0,000	0,010	0,012	FALSE
0,056	0,309	0,002	0,010	0,067	FALSE
0,042	0,312	0,002	0,011	0,066	FALSE
0,036	0,295	0,002	0,011	0,057	FALSE
-0,049	0,310	-0,002	0,011	0,058	FALSE
-0,031	0,319	-0,001	0,011	0,046	FALSE
0,027	0,304	0,001	0,007	0,042	FALSE
0,020	0,294	0,000	0,006	0,006	FALSE
-0,099	0,313	-0,005	0,012	0,156	FALSE
0,018	0,316	0,000	0,009	0,013	FALSE
-0,013	0,313	0,000	0,009	0,018	FALSE
0,113	0,312	0,005	0,013	0,166	FALSE
0,077	0,317	0,003	0,013	0,101	FALSE
-0,106	0,311	-0,003	0,009	0,123	FALSE
-0,109	0,298	-0,004	0,010	0,167	FALSE
-0,038	0,303	-0,001	0,009	0,051	FALSE
-0,053	0,311	-0,002	0,007	0,077	FALSE
0,008	0,300	0,001	0,008	0,033	FALSE
-0,003	0,313	0,000	0,011	0,006	FALSE
0,060	0,300	0,001	0,010	0,045	FALSE
-0,069	0,300	-0,002	0,010	0,075	FALSE
0,076	0,321	0,003	0,013	0,086	FALSE
-0,052	0,309	-0,002	0,009	0,071	FALSE
-0,035	0,313	-0,002	0,013	0,048	FALSE
0,071	0,302	0,002	0,007	0,101	FALSE
0,087	0,306	0,003	0,008	0,138	FALSE
-0,061	0,321	-0,002	0,011	0,072	FALSE
-0,020	0,297	-0,001	0,010	0,037	FALSE
-0,078	0,309	-0,003	0,010	0,103	FALSE
-0,008	0,301	-0,001	0,009	0,022	FALSE
0,030	0,301	0,001	0,010	0,024	FALSE
-0,080	0,311	-0,003	0,009	0,109	FALSE
0,052	0,298	0,002	0,007	0,088	FALSE
0,043	0,296	0,001	0,008	0,047	FALSE
0,098	0,304	0,003	0,009	0,148	FALSE
-0,030	0,299	0,000	0,012	0,004	FALSE
-0,037	0,307	-0,001	0,009	0,058	FALSE
0,023	0,308	0,000	0,013	0,007	FALSE
-0,060	0,295	-0,002	0,006	0,098	FALSE
-0,001	0,315	0,000	0,009	0,010	FALSE
0,019	0,318	0,001	0,007	0,027	FALSE
-0,123	0,292	-0,004	0,009	0,168	FALSE
-0,124	0,294	-0,004	0,009	0,168	FALSE
-0,029	0,304	0,000	0,009	0,002	FALSE
-0,054	0,311	-0,001	0,007	0,036	FALSE
0,025	0,310	0,001	0,009	0,057	FALSE

-0,133	0,310	-0,003	0,007	0,172	FALSE
-0,028	0,310	-0,001	0,011	0,021	FALSE
-0,059	0,297	-0,001	0,008	0,070	FALSE
-0,052	0,302	-0,002	0,013	0,067	FALSE
0,005	0,308	0,000	0,010	0,007	FALSE
-0,131	0,302	-0,003	0,007	0,152	FALSE
-0,076	0,305	-0,002	0,006	0,096	FALSE
0,011	0,308	0,000	0,008	0,019	FALSE
-0,093	0,297	-0,004	0,013	0,115	FALSE
-0,005	0,310	0,001	0,011	0,023	FALSE
-0,048	0,328	-0,001	0,009	0,027	FALSE
-0,016	0,308	0,000	0,009	0,013	FALSE
0,108	0,310	0,003	0,009	0,144	FALSE
0,066	0,312	0,002	0,010	0,074	FALSE
0,034	0,307	0,001	0,012	0,032	FALSE
-0,095	0,314	-0,002	0,008	0,115	FALSE
-0,110	0,293	-0,002	0,007	0,136	FALSE
0,025	0,312	0,000	0,009	0,001	FALSE
0,030	0,290	0,002	0,011	0,050	FALSE
0,051	0,299	0,002	0,008	0,115	FALSE
0,094	0,297	0,002	0,008	0,087	FALSE
-0,076	0,301	-0,002	0,013	0,049	FALSE
-0,060	0,312	-0,002	0,010	0,077	FALSE
0,232	0,294	0,009	0,011	0,350	FALSE
-0,060	0,318	-0,002	0,011	0,071	FALSE
0,191	0,309	0,004	0,008	0,248	FALSE
-0,067	0,305	-0,003	0,013	0,096	FALSE
0,101	0,285	0,002	0,008	0,105	FALSE
0,000	0,309	0,000	0,009	0,004	FALSE
0,030	0,298	0,001	0,009	0,046	FALSE
0,183	0,294	0,003	0,006	0,224	FALSE
-0,078	0,314	-0,002	0,008	0,102	FALSE
0,089	0,296	0,003	0,010	0,108	FALSE
-0,129	0,300	-0,006	0,012	0,216	FALSE
-0,078	0,309	-0,003	0,012	0,093	FALSE
-0,045	0,309	-0,001	0,012	0,041	FALSE
0,072	0,317	0,002	0,009	0,084	FALSE
0,004	0,299	-0,001	0,007	0,033	FALSE
0,023	0,317	0,001	0,009	0,030	FALSE
-0,021	0,300	-0,001	0,007	0,074	FALSE
0,030	0,302	0,001	0,010	0,038	FALSE
0,028	0,306	0,001	0,010	0,041	FALSE
-0,001	0,321	0,000	0,011	0,000	FALSE
0,003	0,308	0,001	0,010	0,018	FALSE
0,030	0,311	0,001	0,010	0,043	FALSE
0,013	0,312	0,001	0,010	0,021	FALSE
0,067	0,303	0,002	0,010	0,098	FALSE
0,061	0,308	0,002	0,011	0,079	FALSE
-0,038	0,308	-0,002	0,011	0,050	FALSE
0,013	0,306	0,001	0,006	0,049	FALSE
0,061	0,316	0,002	0,013	0,066	FALSE
-0,080	0,318	-0,003	0,012	0,103	FALSE
-0,084	0,304	-0,002	0,011	0,088	FALSE

-0,068	0,297	-0,002	0,011	0,073	FALSE
0,058	0,321	0,002	0,009	0,075	FALSE
-0,157	0,292	-0,006	0,012	0,210	FALSE
-0,110	0,300	-0,004	0,012	0,138	FALSE
-0,133	0,294	-0,005	0,012	0,181	FALSE
-0,156	0,299	-0,006	0,012	0,204	FALSE
-0,138	0,304	-0,005	0,013	0,171	FALSE
-0,196	0,294	-0,008	0,012	0,281	FALSE
-0,124	0,290	-0,005	0,011	0,209	FALSE
-0,050	0,320	-0,002	0,013	0,049	FALSE
-0,011	0,301	-0,001	0,012	0,018	FALSE
-0,006	0,300	0,000	0,012	0,010	FALSE
-0,130	0,304	-0,005	0,012	0,178	FALSE
0,048	0,308	0,001	0,010	0,049	FALSE
-0,048	0,287	-0,001	0,007	0,063	FALSE
-0,077	0,295	-0,002	0,007	0,128	FALSE
-0,054	0,313	-0,002	0,008	0,083	FALSE
0,098	0,322	0,003	0,010	0,126	FALSE
-0,068	0,312	-0,002	0,009	0,090	FALSE
-0,011	0,304	0,000	0,008	0,002	FALSE
0,041	0,300	0,002	0,011	0,051	FALSE
-0,010	0,300	-0,001	0,011	0,019	FALSE
-0,075	0,310	-0,002	0,013	0,067	FALSE
0,052	0,304	0,002	0,011	0,054	FALSE
0,017	0,318	0,000	0,012	0,012	FALSE
0,033	0,315	0,001	0,011	0,042	FALSE
0,036	0,322	0,001	0,012	0,032	FALSE
0,091	0,293	0,002	0,008	0,086	FALSE
0,073	0,302	0,002	0,009	0,071	FALSE
-0,157	0,308	-0,005	0,008	0,235	FALSE
0,185	0,302	0,006	0,009	0,273	FALSE
-0,133	0,307	-0,003	0,007	0,159	FALSE
0,023	0,308	0,001	0,013	0,040	FALSE
0,026	0,309	0,000	0,009	0,008	FALSE
0,003	0,290	0,000	0,010	0,002	FALSE
0,041	0,294	0,001	0,010	0,039	FALSE
0,070	0,308	0,002	0,007	0,099	FALSE
0,036	0,301	0,000	0,009	0,020	FALSE
0,048	0,301	0,004	0,012	0,111	FALSE
0,090	0,307	0,004	0,013	0,127	FALSE
0,062	0,305	0,001	0,007	0,043	FALSE
0,010	0,304	0,000	0,008	0,005	FALSE
-0,030	0,298	-0,002	0,011	0,069	FALSE
-0,040	0,320	-0,002	0,010	0,056	FALSE
0,103	0,317	0,004	0,009	0,154	FALSE
-0,009	0,314	-0,001	0,009	0,038	FALSE
-0,020	0,307	-0,001	0,009	0,033	FALSE
0,003	0,313	0,000	0,008	0,013	FALSE
-0,145	0,312	-0,003	0,007	0,206	FALSE
-0,034	0,315	-0,001	0,009	0,031	FALSE
0,107	0,315	0,004	0,009	0,183	FALSE
0,091	0,311	0,003	0,009	0,142	FALSE
0,100	0,300	0,003	0,009	0,144	FALSE

-0,058	0,307	-0,002	0,012	0,049	FALSE
-0,006	0,295	-0,001	0,012	0,023	FALSE
0,075	0,312	0,002	0,007	0,100	FALSE
0,050	0,285	0,002	0,009	0,069	FALSE
0,104	0,292	0,002	0,008	0,118	FALSE
0,042	0,304	0,002	0,012	0,069	FALSE
-0,039	0,312	0,000	0,009	0,001	FALSE
-0,074	0,291	-0,002	0,008	0,092	FALSE
0,005	0,294	0,001	0,012	0,016	FALSE
0,093	0,310	0,003	0,011	0,116	FALSE
-0,083	0,316	-0,004	0,013	0,114	FALSE
-0,136	0,302	-0,005	0,012	0,164	FALSE
0,112	0,305	0,002	0,007	0,128	FALSE
0,022	0,297	0,001	0,007	0,033	FALSE
0,005	0,290	0,000	0,010	0,004	FALSE
0,023	0,296	0,001	0,008	0,039	FALSE
-0,139	0,301	-0,004	0,012	0,148	FALSE
0,093	0,310	0,002	0,008	0,101	FALSE
0,038	0,304	0,001	0,011	0,028	FALSE
-0,033	0,314	-0,001	0,009	0,031	FALSE
-0,098	0,303	-0,004	0,012	0,122	FALSE
0,012	0,315	0,001	0,008	0,046	FALSE
-0,027	0,309	0,000	0,006	0,013	FALSE
-0,128	0,320	-0,005	0,011	0,191	FALSE
-0,172	0,308	-0,007	0,012	0,269	FALSE
-0,079	0,316	-0,002	0,008	0,103	FALSE
0,038	0,307	0,001	0,013	0,025	FALSE
-0,025	0,309	0,000	0,008	0,001	FALSE
0,037	0,299	0,001	0,007	0,039	FALSE
0,066	0,320	0,002	0,011	0,065	FALSE
-0,030	0,316	-0,002	0,013	0,045	FALSE
-0,057	0,322	-0,002	0,012	0,065	FALSE
0,007	0,322	-0,001	0,010	0,019	FALSE
0,118	0,313	0,005	0,013	0,146	FALSE
0,073	0,308	0,003	0,013	0,085	FALSE
0,098	0,305	0,002	0,009	0,096	FALSE
0,036	0,300	0,001	0,007	0,048	FALSE
-0,173	0,301	-0,004	0,007	0,254	FALSE
0,038	0,325	0,002	0,013	0,053	FALSE
0,087	0,312	0,003	0,011	0,107	FALSE
0,173	0,298	0,005	0,008	0,272	FALSE
0,035	0,306	0,001	0,011	0,042	FALSE
-0,092	0,318	-0,002	0,008	0,093	FALSE
0,131	0,302	0,004	0,009	0,199	FALSE
-0,012	0,303	0,000	0,008	0,009	FALSE
0,071	0,302	0,001	0,007	0,071	FALSE
-0,136	0,298	-0,002	0,006	0,158	FALSE
-0,043	0,320	-0,001	0,008	0,054	FALSE
-0,076	0,311	-0,003	0,011	0,091	FALSE
0,121	0,309	0,003	0,008	0,139	FALSE
0,055	0,306	0,002	0,008	0,070	FALSE
0,065	0,304	0,002	0,008	0,089	FALSE
0,132	0,313	0,004	0,010	0,178	FALSE

0,047	0,315	0,002	0,012	0,052	FALSE
-0,042	0,311	-0,001	0,010	0,040	FALSE
-0,038	0,302	-0,001	0,007	0,046	FALSE
0,009	0,305	0,000	0,007	0,005	FALSE
-0,033	0,311	-0,001	0,010	0,025	FALSE
-0,039	0,307	-0,001	0,009	0,035	FALSE
-0,031	0,314	-0,001	0,009	0,038	FALSE
-0,020	0,316	0,000	0,007	0,012	FALSE
-0,042	0,314	-0,001	0,008	0,037	FALSE
-0,117	0,307	-0,002	0,007	0,126	FALSE
-0,021	0,313	-0,001	0,009	0,030	FALSE
-0,110	0,307	-0,003	0,008	0,137	FALSE
0,034	0,305	0,001	0,012	0,042	FALSE
-0,062	0,321	-0,002	0,010	0,067	FALSE
0,029	0,317	0,001	0,008	0,026	FALSE
-0,106	0,300	-0,004	0,013	0,112	FALSE
-0,040	0,304	-0,002	0,010	0,063	FALSE
-0,078	0,310	-0,002	0,009	0,102	FALSE
0,073	0,312	0,002	0,007	0,095	FALSE
-0,085	0,297	-0,002	0,007	0,097	FALSE
-0,017	0,319	0,000	0,007	0,020	FALSE
0,027	0,307	0,001	0,008	0,046	FALSE
-0,114	0,302	-0,004	0,009	0,192	FALSE
0,011	0,304	0,001	0,007	0,043	FALSE
0,009	0,306	0,000	0,008	0,010	FALSE
-0,057	0,298	-0,002	0,012	0,080	FALSE
0,085	0,304	0,002	0,007	0,108	FALSE
-0,053	0,326	-0,002	0,010	0,058	FALSE
0,028	0,316	0,001	0,008	0,034	FALSE
-0,058	0,299	-0,003	0,012	0,084	FALSE
0,057	0,317	0,001	0,008	0,054	FALSE
0,058	0,304	0,003	0,012	0,076	FALSE
-0,120	0,291	-0,004	0,012	0,134	FALSE
-0,079	0,306	-0,002	0,008	0,103	FALSE
-0,038	0,305	-0,001	0,012	0,020	FALSE
0,024	0,319	0,000	0,009	0,005	FALSE
0,005	0,322	-0,001	0,010	0,021	FALSE
0,013	0,302	0,000	0,009	0,014	FALSE
0,100	0,305	0,003	0,010	0,131	FALSE
0,065	0,288	0,003	0,012	0,104	FALSE
0,015	0,305	0,000	0,008	0,020	FALSE
-0,075	0,315	-0,003	0,013	0,098	FALSE
0,036	0,312	0,002	0,011	0,056	FALSE
0,008	0,320	0,000	0,012	0,011	FALSE
-0,063	0,305	-0,001	0,009	0,055	FALSE
-0,069	0,317	-0,002	0,009	0,099	FALSE
-0,029	0,314	0,000	0,008	0,019	FALSE
0,041	0,290	0,001	0,012	0,030	FALSE
-0,001	0,306	-0,001	0,008	0,028	FALSE
0,011	0,308	0,000	0,008	0,015	FALSE
0,082	0,316	0,003	0,011	0,115	FALSE
0,052	0,325	0,002	0,012	0,065	FALSE
0,118	0,322	0,004	0,011	0,139	FALSE

0,002	0,306	0,000	0,011	0,006	FALSE
0,135	0,300	0,004	0,009	0,213	FALSE
-0,065	0,301	-0,003	0,012	0,089	FALSE
-0,068	0,311	-0,003	0,012	0,094	FALSE
0,042	0,310	0,001	0,008	0,064	FALSE
0,076	0,308	0,003	0,012	0,095	FALSE
-0,111	0,313	-0,003	0,007	0,160	FALSE
-0,072	0,290	-0,002	0,008	0,093	FALSE
0,023	0,312	0,000	0,008	0,022	FALSE
-0,144	0,321	-0,003	0,008	0,190	FALSE
0,036	0,304	0,001	0,006	0,043	FALSE
-0,066	0,310	-0,002	0,009	0,098	FALSE
-0,095	0,293	-0,003	0,008	0,133	FALSE
0,007	0,320	0,000	0,009	0,005	FALSE
0,010	0,314	0,000	0,012	0,012	FALSE
0,069	0,315	0,002	0,012	0,066	FALSE
0,107	0,306	0,003	0,007	0,175	FALSE
-0,149	0,310	-0,005	0,009	0,225	FALSE
-0,032	0,285	-0,001	0,011	0,038	FALSE
0,034	0,309	0,001	0,008	0,025	FALSE
0,031	0,303	0,000	0,008	0,021	FALSE
0,051	0,297	0,002	0,011	0,064	FALSE
0,082	0,315	0,003	0,009	0,131	FALSE
0,013	0,309	0,000	0,013	0,008	FALSE
0,026	0,291	0,001	0,012	0,032	FALSE
0,089	0,310	0,003	0,013	0,076	FALSE
0,022	0,298	0,001	0,012	0,025	FALSE
-0,018	0,302	-0,001	0,011	0,034	FALSE
0,034	0,305	0,002	0,012	0,048	FALSE
-0,093	0,330	-0,005	0,014	0,140	FALSE
0,080	0,313	0,002	0,008	0,103	FALSE
0,020	0,297	0,001	0,009	0,030	FALSE
0,100	0,317	0,005	0,013	0,145	FALSE
-0,043	0,302	-0,002	0,012	0,062	FALSE
-0,033	0,286	-0,001	0,011	0,035	FALSE
0,019	0,308	0,000	0,006	0,024	FALSE
-0,110	0,299	-0,004	0,011	0,152	FALSE
-0,126	0,307	-0,005	0,011	0,168	FALSE
-0,060	0,308	-0,001	0,008	0,069	FALSE
0,013	0,304	0,000	0,012	0,009	FALSE
-0,049	0,308	-0,001	0,007	0,081	FALSE
0,045	0,313	0,001	0,010	0,056	FALSE
0,057	0,303	0,001	0,008	0,065	FALSE
-0,012	0,303	0,000	0,007	0,012	FALSE
-0,008	0,309	0,000	0,006	0,003	FALSE
-0,040	0,311	-0,003	0,011	0,095	FALSE
0,037	0,305	0,001	0,007	0,024	FALSE
0,035	0,297	0,001	0,012	0,031	FALSE
0,073	0,304	0,003	0,010	0,126	FALSE
-0,021	0,308	0,000	0,010	0,005	FALSE
0,109	0,292	0,003	0,009	0,142	FALSE
-0,079	0,302	-0,003	0,011	0,103	FALSE
0,066	0,303	0,003	0,013	0,071	FALSE

0,087	0,306	0,002	0,007	0,116	FALSE
0,014	0,306	0,000	0,011	0,013	FALSE
0,113	0,309	0,003	0,007	0,177	FALSE
-0,026	0,308	-0,001	0,007	0,036	FALSE
-0,072	0,309	-0,002	0,009	0,089	FALSE
0,030	0,323	0,001	0,013	0,038	FALSE
-0,002	0,324	0,000	0,007	0,002	FALSE
-0,175	0,295	-0,006	0,010	0,258	FALSE
-0,129	0,300	-0,003	0,007	0,165	FALSE
-0,096	0,320	-0,004	0,012	0,116	FALSE
-0,165	0,300	-0,004	0,007	0,220	FALSE
-0,158	0,293	-0,004	0,007	0,211	FALSE
0,139	0,301	0,005	0,010	0,234	FALSE
0,112	0,290	0,005	0,011	0,195	FALSE
-0,014	0,308	0,000	0,009	0,001	FALSE
-0,050	0,319	-0,002	0,012	0,066	FALSE
0,028	0,322	0,001	0,010	0,027	FALSE
0,062	0,316	0,002	0,011	0,068	FALSE
0,002	0,321	0,000	0,009	0,004	FALSE
0,035	0,308	0,001	0,008	0,032	FALSE
0,050	0,311	0,002	0,010	0,082	FALSE
-0,100	0,306	-0,004	0,012	0,116	FALSE
-0,010	0,310	0,000	0,007	0,004	FALSE
-0,087	0,294	-0,003	0,010	0,117	FALSE
-0,093	0,309	-0,003	0,008	0,131	FALSE
-0,018	0,307	-0,001	0,012	0,025	FALSE
0,066	0,313	0,002	0,008	0,091	FALSE
-0,067	0,297	-0,002	0,008	0,085	FALSE
0,017	0,301	0,001	0,009	0,050	FALSE
0,013	0,314	0,001	0,009	0,043	FALSE
0,099	0,312	0,004	0,012	0,119	FALSE
0,085	0,307	0,003	0,013	0,089	FALSE
-0,081	0,300	-0,004	0,011	0,131	FALSE
-0,048	0,314	-0,002	0,013	0,051	FALSE
-0,128	0,302	-0,003	0,007	0,153	FALSE
-0,121	0,312	-0,002	0,006	0,137	FALSE
0,004	0,303	0,000	0,007	0,008	FALSE
-0,134	0,286	-0,002	0,006	0,159	FALSE
-0,124	0,294	-0,002	0,006	0,155	FALSE
-0,098	0,302	-0,002	0,007	0,140	FALSE
0,028	0,299	0,001	0,008	0,050	FALSE
0,201	0,302	0,005	0,008	0,295	FALSE
0,168	0,301	0,004	0,006	0,240	FALSE
0,059	0,305	0,002	0,009	0,085	FALSE
0,050	0,311	0,002	0,010	0,096	FALSE
-0,115	0,307	-0,004	0,013	0,131	FALSE
-0,097	0,307	-0,003	0,011	0,115	FALSE
-0,037	0,304	-0,001	0,007	0,078	FALSE
-0,029	0,315	-0,001	0,008	0,034	FALSE
0,061	0,310	0,002	0,012	0,053	FALSE
0,109	0,305	0,003	0,008	0,165	FALSE
-0,028	0,315	0,000	0,007	0,026	FALSE
0,009	0,308	0,000	0,011	0,008	FALSE

0,020	0,298	0,001	0,010	0,029	FALSE
0,004	0,306	0,000	0,010	0,005	FALSE
0,078	0,310	0,002	0,011	0,084	FALSE
0,097	0,307	0,003	0,010	0,131	FALSE
0,023	0,316	0,000	0,007	0,024	FALSE
0,047	0,295	0,002	0,008	0,077	FALSE
-0,108	0,300	-0,003	0,008	0,157	FALSE
0,071	0,303	0,003	0,013	0,095	FALSE
-0,055	0,294	-0,002	0,011	0,083	FALSE
-0,118	0,310	-0,003	0,008	0,147	FALSE
0,116	0,304	0,003	0,009	0,150	FALSE
0,090	0,309	0,003	0,008	0,129	FALSE
0,049	0,305	0,002	0,010	0,065	FALSE
0,008	0,320	0,001	0,010	0,024	FALSE
-0,076	0,305	-0,004	0,013	0,112	FALSE
0,031	0,313	0,001	0,007	0,046	FALSE
-0,147	0,312	-0,004	0,008	0,185	FALSE
-0,003	0,293	0,000	0,009	0,002	FALSE
-0,030	0,314	-0,001	0,008	0,029	FALSE
-0,170	0,290	-0,006	0,009	0,266	FALSE
0,069	0,309	0,001	0,007	0,078	FALSE
0,105	0,307	0,004	0,011	0,135	FALSE
-0,059	0,312	-0,002	0,009	0,071	FALSE
-0,038	0,319	-0,001	0,009	0,047	FALSE
0,087	0,310	0,002	0,007	0,099	FALSE
0,090	0,316	0,003	0,009	0,127	FALSE
0,060	0,295	0,002	0,012	0,064	FALSE
0,051	0,307	0,002	0,013	0,056	FALSE
-0,048	0,301	-0,001	0,009	0,059	FALSE
0,034	0,309	0,001	0,007	0,052	FALSE
-0,083	0,327	-0,003	0,011	0,104	FALSE
0,060	0,302	0,001	0,007	0,073	FALSE
0,086	0,318	0,002	0,008	0,109	FALSE
-0,069	0,308	-0,002	0,008	0,106	FALSE
0,033	0,296	0,001	0,012	0,037	FALSE
0,016	0,324	0,000	0,008	0,022	FALSE
0,019	0,305	0,001	0,011	0,022	FALSE
0,020	0,293	0,001	0,008	0,040	FALSE
0,159	0,302	0,005	0,010	0,218	FALSE
0,006	0,299	0,000	0,008	0,015	FALSE
0,028	0,313	0,001	0,012	0,028	FALSE
0,099	0,312	0,004	0,013	0,113	FALSE
0,076	0,293	0,002	0,008	0,109	FALSE
-0,063	0,322	-0,001	0,008	0,063	FALSE
-0,016	0,307	-0,002	0,011	0,061	FALSE
0,037	0,315	0,001	0,011	0,038	FALSE
-0,084	0,301	-0,002	0,006	0,098	FALSE
-0,110	0,322	-0,005	0,013	0,153	FALSE
0,131	0,300	0,006	0,013	0,189	FALSE
0,116	0,298	0,005	0,013	0,161	FALSE
0,151	0,311	0,006	0,013	0,212	FALSE
0,153	0,297	0,007	0,013	0,220	FALSE
0,081	0,304	0,002	0,010	0,084	FALSE

-0,119	0,296	-0,004	0,008	0,172	FALSE
0,063	0,303	0,001	0,007	0,067	FALSE
0,000	0,298	0,000	0,007	0,009	FALSE
-0,109	0,308	-0,003	0,011	0,129	FALSE
0,006	0,303	0,000	0,008	0,009	FALSE
-0,017	0,300	0,000	0,010	0,017	FALSE
-0,032	0,298	0,000	0,007	0,012	FALSE
-0,116	0,309	-0,004	0,012	0,136	FALSE
-0,006	0,293	0,000	0,010	0,015	FALSE
0,038	0,301	0,002	0,010	0,078	FALSE
-0,052	0,296	-0,002	0,009	0,104	FALSE
-0,016	0,312	-0,001	0,009	0,031	FALSE
0,004	0,310	0,000	0,007	0,022	FALSE
0,142	0,301	0,006	0,012	0,195	FALSE
0,106	0,304	0,004	0,012	0,135	FALSE
-0,098	0,303	-0,002	0,007	0,135	FALSE
0,131	0,304	0,005	0,010	0,197	FALSE
-0,059	0,309	-0,002	0,009	0,066	FALSE
-0,082	0,301	-0,002	0,007	0,121	FALSE
0,079	0,299	0,002	0,008	0,088	FALSE
-0,083	0,306	-0,003	0,009	0,124	FALSE
-0,076	0,310	-0,003	0,010	0,101	FALSE
0,097	0,297	0,002	0,007	0,124	FALSE
-0,109	0,309	-0,005	0,011	0,167	FALSE
0,151	0,306	0,004	0,008	0,196	FALSE
-0,019	0,307	0,000	0,009	0,011	FALSE
-0,133	0,316	-0,003	0,007	0,158	FALSE
-0,095	0,301	-0,002	0,009	0,095	FALSE
0,060	0,315	0,002	0,009	0,083	FALSE
0,141	0,301	0,003	0,007	0,180	FALSE
-0,200	0,310	-0,005	0,007	0,327	FALSE
0,021	0,295	0,001	0,009	0,054	FALSE
0,064	0,315	0,003	0,011	0,110	FALSE
-0,032	0,312	-0,001	0,010	0,052	FALSE
-0,048	0,309	-0,001	0,007	0,045	FALSE
-0,023	0,320	0,000	0,007	0,009	FALSE
-0,082	0,297	-0,002	0,007	0,108	FALSE
0,113	0,316	0,004	0,011	0,148	FALSE
-0,024	0,306	0,000	0,009	0,010	FALSE
-0,026	0,303	-0,002	0,012	0,062	FALSE
0,151	0,285	0,004	0,008	0,219	FALSE
-0,029	0,313	-0,001	0,007	0,037	FALSE
0,175	0,303	0,006	0,010	0,278	FALSE
-0,011	0,316	-0,001	0,012	0,016	FALSE
0,030	0,312	0,001	0,008	0,044	FALSE
0,004	0,305	0,001	0,012	0,017	FALSE
0,001	0,318	0,000	0,013	0,012	FALSE
0,035	0,303	0,001	0,007	0,045	FALSE
0,114	0,309	0,004	0,011	0,138	FALSE
0,103	0,301	0,004	0,012	0,146	FALSE
0,000	0,320	-0,001	0,011	0,031	FALSE
0,050	0,296	0,002	0,012	0,055	FALSE
-0,141	0,312	-0,004	0,008	0,187	FALSE

0,034	0,309	0,001	0,012	0,039	FALSE
0,055	0,311	0,001	0,009	0,062	FALSE
-0,039	0,299	-0,001	0,006	0,070	FALSE
-0,089	0,314	-0,002	0,007	0,134	FALSE
0,018	0,319	0,000	0,008	0,017	FALSE
-0,007	0,318	0,000	0,009	0,007	FALSE
0,001	0,306	0,000	0,010	0,004	FALSE
-0,089	0,304	-0,004	0,012	0,125	FALSE
0,054	0,315	0,002	0,012	0,053	FALSE
0,115	0,305	0,004	0,009	0,175	FALSE
-0,049	0,291	-0,003	0,012	0,084	FALSE
-0,114	0,291	-0,005	0,012	0,181	FALSE
0,082	0,301	0,003	0,007	0,148	FALSE
-0,007	0,286	0,000	0,011	0,003	FALSE
-0,025	0,307	-0,001	0,011	0,018	FALSE
-0,017	0,298	0,000	0,009	0,019	FALSE
-0,165	0,300	-0,007	0,013	0,242	FALSE
-0,219	0,295	-0,008	0,011	0,334	FALSE
-0,009	0,295	0,000	0,006	0,022	FALSE
-0,103	0,308	-0,002	0,008	0,105	FALSE
-0,074	0,297	-0,003	0,012	0,100	FALSE
-0,014	0,297	0,000	0,007	0,003	FALSE
-0,035	0,297	-0,001	0,006	0,032	FALSE
0,019	0,311	0,001	0,009	0,022	FALSE
-0,005	0,303	0,000	0,009	0,005	FALSE
0,026	0,289	0,001	0,007	0,036	FALSE
0,076	0,296	0,004	0,011	0,147	FALSE
0,018	0,316	0,000	0,007	0,004	FALSE
-0,071	0,308	-0,002	0,007	0,085	FALSE
-0,027	0,303	-0,001	0,011	0,020	FALSE
0,078	0,312	0,002	0,007	0,089	FALSE
0,133	0,306	0,004	0,009	0,167	FALSE
0,020	0,314	0,001	0,008	0,032	FALSE
-0,087	0,313	-0,004	0,011	0,124	FALSE
-0,027	0,301	-0,001	0,007	0,053	FALSE
-0,094	0,307	-0,002	0,007	0,108	FALSE
-0,090	0,308	-0,002	0,007	0,092	FALSE
-0,082	0,319	-0,002	0,007	0,082	FALSE
-0,110	0,315	-0,002	0,007	0,133	FALSE
0,048	0,308	0,002	0,012	0,064	FALSE
0,083	0,314	0,002	0,007	0,105	FALSE
-0,076	0,306	-0,002	0,008	0,073	FALSE
-0,045	0,303	-0,001	0,009	0,035	FALSE
-0,007	0,296	-0,001	0,010	0,040	FALSE
-0,142	0,288	-0,004	0,009	0,184	FALSE
0,026	0,306	0,001	0,008	0,056	FALSE
-0,106	0,312	-0,003	0,009	0,123	FALSE
0,067	0,310	0,003	0,012	0,085	FALSE
-0,101	0,308	-0,002	0,007	0,123	FALSE
0,071	0,310	0,002	0,008	0,089	FALSE
-0,021	0,310	-0,001	0,009	0,036	FALSE
0,049	0,315	0,001	0,006	0,052	FALSE
-0,071	0,307	-0,002	0,010	0,072	FALSE

-0,009	0,313	0,000	0,009	0,014	FALSE
-0,034	0,300	-0,001	0,009	0,032	FALSE
-0,054	0,314	-0,002	0,010	0,082	FALSE
-0,122	0,303	-0,003	0,007	0,203	FALSE
0,069	0,310	0,002	0,012	0,072	FALSE
-0,018	0,302	0,000	0,009	0,006	FALSE
-0,179	0,313	-0,004	0,007	0,238	FALSE
0,045	0,312	0,001	0,007	0,075	FALSE
0,014	0,303	0,001	0,011	0,026	FALSE
0,007	0,288	0,000	0,010	0,012	FALSE
-0,130	0,296	-0,004	0,008	0,219	FALSE
-0,101	0,302	-0,002	0,006	0,150	FALSE
-0,098	0,301	-0,004	0,012	0,129	FALSE
-0,058	0,309	-0,002	0,007	0,090	FALSE
-0,125	0,309	-0,004	0,009	0,166	FALSE
-0,017	0,324	0,000	0,007	0,021	FALSE
-0,048	0,315	-0,003	0,013	0,074	FALSE
-0,078	0,298	-0,004	0,012	0,114	FALSE
0,178	0,302	0,007	0,011	0,250	FALSE
-0,012	0,315	-0,001	0,009	0,029	FALSE
-0,110	0,309	-0,002	0,007	0,131	FALSE
0,000	0,328	0,000	0,008	0,002	FALSE
-0,040	0,309	-0,002	0,013	0,073	FALSE
-0,025	0,318	-0,001	0,008	0,041	FALSE
-0,114	0,302	-0,003	0,007	0,144	FALSE
-0,008	0,307	0,000	0,007	0,025	FALSE
0,138	0,303	0,003	0,007	0,155	FALSE
0,044	0,307	0,003	0,013	0,090	FALSE
0,080	0,316	0,002	0,007	0,097	FALSE
-0,064	0,314	-0,002	0,009	0,102	FALSE
0,117	0,304	0,005	0,012	0,162	FALSE
0,095	0,293	0,004	0,011	0,149	FALSE
-0,089	0,300	-0,003	0,011	0,124	FALSE
0,029	0,314	0,001	0,012	0,041	FALSE
0,005	0,320	0,000	0,012	0,009	FALSE
-0,113	0,301	-0,004	0,010	0,164	FALSE
0,019	0,328	0,001	0,013	0,017	FALSE
-0,111	0,289	-0,004	0,010	0,146	FALSE
-0,152	0,291	-0,005	0,010	0,218	FALSE
0,008	0,314	0,000	0,012	0,005	FALSE
-0,032	0,310	-0,001	0,012	0,023	FALSE
0,061	0,311	0,002	0,011	0,078	FALSE
-0,017	0,306	-0,001	0,008	0,052	FALSE
0,023	0,307	0,000	0,008	0,010	FALSE
0,144	0,291	0,006	0,011	0,225	FALSE
0,082	0,311	0,003	0,011	0,089	FALSE
0,007	0,310	0,001	0,011	0,022	FALSE
-0,064	0,322	-0,001	0,007	0,055	FALSE
0,059	0,304	0,003	0,012	0,078	FALSE
0,028	0,286	0,002	0,012	0,066	FALSE
0,090	0,305	0,004	0,013	0,108	FALSE
-0,038	0,303	-0,001	0,007	0,068	FALSE
-0,067	0,313	-0,002	0,007	0,101	FALSE

0,025	0,303	0,001	0,007	0,043	FALSE
-0,034	0,316	-0,001	0,008	0,034	FALSE
0,025	0,314	0,001	0,012	0,019	FALSE
-0,138	0,291	-0,003	0,006	0,184	FALSE
0,124	0,298	0,003	0,008	0,173	FALSE
0,138	0,313	0,004	0,008	0,204	FALSE
-0,051	0,314	-0,002	0,012	0,076	FALSE
0,064	0,314	0,003	0,012	0,092	FALSE
0,153	0,302	0,004	0,008	0,208	FALSE
0,035	0,309	0,002	0,013	0,055	FALSE
-0,081	0,315	-0,003	0,013	0,075	FALSE
-0,075	0,306	-0,002	0,012	0,077	FALSE
0,041	0,307	0,001	0,010	0,040	FALSE
-0,113	0,292	-0,004	0,012	0,136	FALSE
0,025	0,303	0,001	0,010	0,023	FALSE
-0,138	0,304	-0,004	0,009	0,194	FALSE
0,110	0,298	0,003	0,008	0,179	FALSE
-0,146	0,313	-0,005	0,011	0,180	FALSE
0,005	0,313	0,000	0,009	0,002	FALSE
-0,075	0,307	-0,001	0,006	0,080	FALSE
-0,034	0,320	-0,001	0,011	0,038	FALSE
-0,110	0,298	-0,004	0,012	0,142	FALSE
0,004	0,292	0,000	0,006	0,012	FALSE
0,107	0,302	0,004	0,012	0,138	FALSE
-0,080	0,303	-0,002	0,006	0,095	FALSE
-0,058	0,305	-0,001	0,007	0,076	FALSE
0,068	0,301	0,002	0,010	0,091	FALSE
0,091	0,305	0,003	0,010	0,120	FALSE
-0,083	0,305	-0,003	0,010	0,118	FALSE
-0,057	0,313	-0,002	0,013	0,058	FALSE
-0,090	0,299	-0,002	0,007	0,130	FALSE
-0,016	0,301	0,000	0,007	0,008	FALSE
0,119	0,314	0,003	0,007	0,171	FALSE
0,139	0,305	0,005	0,009	0,213	FALSE
0,029	0,305	0,001	0,011	0,022	FALSE
0,080	0,325	0,003	0,009	0,120	FALSE
-0,101	0,307	-0,004	0,011	0,139	FALSE
-0,018	0,306	-0,001	0,011	0,021	FALSE
0,025	0,296	0,001	0,012	0,029	FALSE
-0,011	0,323	0,000	0,008	0,016	FALSE
-0,070	0,327	-0,002	0,009	0,075	FALSE
0,066	0,305	0,002	0,009	0,092	FALSE
-0,028	0,300	-0,001	0,009	0,040	FALSE
-0,010	0,304	0,000	0,008	0,011	FALSE
-0,045	0,295	-0,001	0,007	0,041	FALSE
-0,039	0,329	-0,001	0,010	0,035	FALSE
0,012	0,308	0,000	0,010	0,004	FALSE
0,142	0,297	0,006	0,013	0,203	FALSE
-0,040	0,289	-0,001	0,006	0,071	FALSE
-0,164	0,293	-0,006	0,011	0,227	FALSE
-0,003	0,310	0,000	0,011	0,006	FALSE
-0,075	0,312	-0,003	0,012	0,086	FALSE
-0,051	0,307	-0,002	0,012	0,047	FALSE

-0,009	0,298	-0,001	0,012	0,034	FALSE
-0,030	0,295	-0,003	0,012	0,088	FALSE
-0,011	0,317	0,000	0,014	0,009	FALSE
-0,071	0,319	-0,002	0,010	0,082	FALSE
-0,005	0,309	0,000	0,010	0,002	FALSE
0,041	0,300	0,001	0,008	0,026	FALSE
-0,119	0,306	-0,005	0,012	0,174	FALSE
-0,082	0,305	-0,004	0,013	0,127	FALSE
0,023	0,307	0,001	0,008	0,054	FALSE
-0,022	0,316	-0,001	0,009	0,047	FALSE
0,052	0,296	0,002	0,009	0,097	FALSE
0,175	0,300	0,005	0,009	0,227	FALSE
-0,039	0,302	-0,001	0,007	0,064	FALSE
-0,071	0,313	-0,003	0,012	0,095	FALSE
-0,072	0,293	-0,001	0,006	0,080	FALSE
-0,069	0,316	-0,001	0,006	0,080	FALSE
-0,014	0,314	-0,001	0,013	0,030	FALSE
-0,062	0,317	-0,003	0,013	0,080	FALSE
0,080	0,316	0,003	0,012	0,105	FALSE
-0,116	0,307	-0,005	0,012	0,181	FALSE
0,026	0,306	0,001	0,012	0,017	FALSE
0,125	0,303	0,002	0,007	0,154	FALSE
-0,027	0,301	-0,002	0,013	0,044	FALSE
0,103	0,306	0,004	0,013	0,122	FALSE
-0,027	0,297	-0,001	0,008	0,037	FALSE
0,046	0,294	0,002	0,013	0,073	FALSE
0,035	0,310	0,002	0,012	0,048	FALSE
0,033	0,310	0,002	0,010	0,065	FALSE
0,008	0,308	0,000	0,010	0,017	FALSE
-0,042	0,297	-0,001	0,007	0,043	FALSE
-0,019	0,297	-0,001	0,012	0,015	FALSE
-0,039	0,299	-0,001	0,007	0,052	FALSE
-0,065	0,315	-0,002	0,007	0,113	FALSE
-0,017	0,312	0,000	0,007	0,007	FALSE
0,030	0,293	0,000	0,006	0,016	FALSE
0,049	0,305	0,002	0,008	0,076	FALSE
0,037	0,301	0,001	0,011	0,042	FALSE
0,071	0,313	0,003	0,011	0,103	FALSE
0,034	0,316	0,001	0,011	0,042	FALSE
0,001	0,311	0,000	0,008	0,021	FALSE
-0,009	0,312	-0,001	0,008	0,028	FALSE
-0,007	0,311	-0,001	0,013	0,022	FALSE
0,012	0,314	0,001	0,013	0,031	FALSE
0,145	0,304	0,005	0,010	0,182	FALSE
0,114	0,310	0,003	0,008	0,133	FALSE
0,053	0,308	0,003	0,013	0,074	FALSE
-0,047	0,325	-0,001	0,010	0,056	FALSE
-0,112	0,302	-0,004	0,012	0,129	FALSE
0,065	0,307	0,001	0,009	0,062	FALSE
0,092	0,305	0,002	0,008	0,115	FALSE
0,009	0,317	0,000	0,006	0,017	FALSE
-0,007	0,296	-0,001	0,009	0,033	FALSE
-0,121	0,306	-0,004	0,011	0,144	FALSE

-0,012	0,311	0,000	0,012	0,005	FALSE
-0,021	0,304	-0,001	0,012	0,015	FALSE
0,063	0,307	0,002	0,009	0,070	FALSE
0,021	0,307	0,001	0,011	0,032	FALSE
-0,107	0,303	-0,003	0,009	0,156	FALSE
-0,136	0,291	-0,004	0,008	0,226	FALSE
-0,117	0,312	-0,004	0,009	0,164	FALSE
-0,100	0,300	-0,004	0,012	0,153	FALSE
-0,076	0,308	-0,003	0,011	0,125	FALSE
-0,041	0,308	-0,001	0,009	0,031	FALSE
0,076	0,305	0,002	0,007	0,117	FALSE
0,096	0,314	0,002	0,008	0,114	FALSE
0,120	0,316	0,003	0,008	0,142	FALSE
0,125	0,299	0,005	0,011	0,173	FALSE
0,025	0,313	0,001	0,009	0,028	FALSE
-0,068	0,299	-0,002	0,011	0,060	FALSE
0,066	0,284	0,001	0,009	0,053	FALSE
-0,109	0,314	-0,004	0,012	0,122	FALSE
0,021	0,305	0,000	0,009	0,009	FALSE
0,198	0,323	0,005	0,008	0,261	FALSE
0,175	0,299	0,004	0,008	0,234	FALSE
0,086	0,313	0,002	0,013	0,074	FALSE
-0,091	0,319	-0,004	0,010	0,172	FALSE
0,144	0,305	0,006	0,011	0,238	FALSE
0,002	0,313	0,000	0,007	0,004	FALSE
-0,049	0,322	-0,001	0,010	0,019	FALSE
0,002	0,309	0,000	0,006	0,011	FALSE
0,086	0,316	0,002	0,006	0,104	FALSE
0,152	0,300	0,006	0,011	0,248	FALSE
0,149	0,304	0,006	0,011	0,235	FALSE
-0,033	0,302	-0,001	0,006	0,034	FALSE
-0,021	0,301	-0,001	0,009	0,030	FALSE
0,036	0,320	0,001	0,008	0,039	FALSE
0,032	0,309	0,001	0,008	0,059	FALSE
0,040	0,299	0,001	0,007	0,047	FALSE
-0,094	0,315	-0,004	0,013	0,124	FALSE
0,069	0,304	0,002	0,010	0,088	FALSE
0,076	0,304	0,002	0,009	0,082	FALSE
0,074	0,296	0,002	0,009	0,100	FALSE
-0,136	0,303	-0,004	0,009	0,193	FALSE
-0,109	0,303	-0,005	0,013	0,159	FALSE
0,074	0,294	0,002	0,008	0,093	FALSE
0,067	0,291	0,002	0,008	0,094	FALSE
-0,054	0,315	-0,001	0,007	0,037	FALSE
0,005	0,298	0,000	0,008	0,017	FALSE
0,063	0,293	0,001	0,008	0,039	FALSE
-0,055	0,310	-0,002	0,013	0,057	FALSE
-0,041	0,295	-0,001	0,013	0,042	FALSE
0,105	0,300	0,004	0,012	0,133	FALSE
-0,017	0,308	-0,001	0,009	0,047	FALSE
0,014	0,317	0,000	0,013	0,001	FALSE
-0,109	0,308	-0,002	0,006	0,155	FALSE
0,088	0,310	0,003	0,011	0,109	FALSE

0,070	0,299	0,002	0,009	0,091	FALSE
0,056	0,307	0,002	0,010	0,072	FALSE
-0,111	0,313	-0,003	0,008	0,148	FALSE
0,093	0,295	0,003	0,008	0,143	FALSE
0,049	0,298	0,001	0,008	0,061	FALSE
-0,009	0,307	0,000	0,008	0,003	FALSE
0,116	0,300	0,005	0,011	0,186	FALSE
0,056	0,315	0,001	0,007	0,067	FALSE
-0,018	0,309	0,000	0,008	0,023	FALSE
0,001	0,307	0,000	0,007	0,009	FALSE
-0,059	0,312	-0,002	0,009	0,068	FALSE
0,103	0,287	0,004	0,012	0,122	FALSE
-0,140	0,302	-0,005	0,012	0,186	FALSE
0,015	0,302	0,000	0,012	0,001	FALSE
-0,131	0,288	-0,003	0,007	0,212	FALSE
0,019	0,307	0,001	0,013	0,019	FALSE
-0,001	0,307	-0,001	0,013	0,016	FALSE
-0,112	0,316	-0,004	0,011	0,159	FALSE
0,057	0,308	0,001	0,011	0,049	FALSE
-0,011	0,303	0,000	0,010	0,010	FALSE
-0,103	0,311	-0,002	0,008	0,113	FALSE
-0,012	0,309	-0,001	0,013	0,023	FALSE
-0,157	0,306	-0,004	0,008	0,214	FALSE
0,034	0,305	0,000	0,007	0,007	FALSE
-0,036	0,295	-0,001	0,012	0,017	FALSE
-0,125	0,295	-0,003	0,010	0,117	FALSE
-0,118	0,292	-0,003	0,011	0,113	FALSE
0,063	0,303	0,001	0,006	0,094	FALSE
0,128	0,309	0,004	0,009	0,168	FALSE
-0,085	0,306	-0,003	0,010	0,109	FALSE
-0,081	0,317	-0,002	0,011	0,088	FALSE
-0,098	0,304	-0,003	0,009	0,115	FALSE
-0,069	0,310	-0,003	0,011	0,108	FALSE
-0,035	0,325	-0,001	0,011	0,049	FALSE
-0,015	0,302	-0,001	0,010	0,037	FALSE
0,056	0,317	0,002	0,009	0,068	FALSE
0,045	0,301	0,001	0,011	0,044	FALSE
0,157	0,311	0,006	0,012	0,192	FALSE
0,205	0,280	0,008	0,011	0,304	FALSE
0,057	0,309	0,002	0,013	0,073	FALSE
0,003	0,309	0,000	0,012	0,012	FALSE
0,066	0,295	0,001	0,008	0,065	FALSE
0,047	0,294	0,001	0,007	0,081	FALSE
0,078	0,314	0,002	0,009	0,084	FALSE
0,013	0,316	0,000	0,011	0,006	FALSE
0,063	0,318	0,001	0,007	0,085	FALSE
0,004	0,315	0,000	0,009	0,002	FALSE
-0,009	0,312	0,000	0,011	0,006	FALSE
0,070	0,310	0,003	0,010	0,106	FALSE
0,002	0,320	0,000	0,007	0,004	FALSE
0,072	0,303	0,001	0,009	0,058	FALSE
-0,102	0,306	-0,003	0,012	0,104	FALSE
-0,094	0,317	-0,003	0,011	0,116	FALSE

-0,153	0,311	-0,006	0,013	0,210	FALSE
-0,037	0,298	-0,002	0,011	0,080	FALSE
0,094	0,309	0,004	0,010	0,158	FALSE
-0,010	0,312	0,000	0,006	0,000	FALSE
-0,107	0,304	-0,002	0,007	0,108	FALSE
0,071	0,312	0,003	0,011	0,101	FALSE
-0,090	0,298	-0,004	0,010	0,140	FALSE
0,031	0,305	0,001	0,008	0,047	FALSE
-0,043	0,312	-0,002	0,009	0,063	FALSE
0,129	0,311	0,005	0,011	0,201	FALSE
0,156	0,307	0,006	0,011	0,229	FALSE
0,177	0,293	0,005	0,009	0,249	FALSE
-0,070	0,296	-0,003	0,012	0,105	FALSE
-0,053	0,291	-0,002	0,012	0,048	FALSE
0,090	0,304	0,004	0,010	0,150	FALSE
0,045	0,305	0,001	0,013	0,021	FALSE
-0,002	0,301	-0,001	0,012	0,032	FALSE
0,014	0,310	-0,001	0,013	0,014	FALSE
0,022	0,293	0,000	0,013	0,010	FALSE
-0,065	0,306	-0,003	0,011	0,095	FALSE
0,052	0,317	0,002	0,010	0,071	FALSE
-0,080	0,287	-0,003	0,010	0,121	FALSE
-0,043	0,319	-0,002	0,011	0,067	FALSE
0,018	0,312	0,001	0,011	0,043	FALSE
-0,095	0,314	-0,004	0,011	0,138	FALSE
0,036	0,296	0,001	0,010	0,029	FALSE
-0,025	0,311	-0,001	0,012	0,028	FALSE
-0,118	0,308	-0,004	0,010	0,173	FALSE
0,015	0,305	0,001	0,012	0,024	FALSE
-0,013	0,300	-0,001	0,012	0,015	FALSE
0,101	0,314	0,002	0,007	0,092	FALSE
-0,097	0,293	-0,004	0,011	0,156	FALSE
0,055	0,301	0,002	0,010	0,097	FALSE
-0,102	0,297	-0,003	0,008	0,140	FALSE
-0,097	0,304	-0,003	0,009	0,133	FALSE
-0,092	0,299	-0,003	0,009	0,113	FALSE
-0,101	0,291	-0,003	0,008	0,142	FALSE
-0,091	0,315	-0,002	0,007	0,113	FALSE
0,095	0,317	0,004	0,012	0,142	FALSE
-0,103	0,322	-0,004	0,012	0,126	FALSE
-0,077	0,311	-0,001	0,006	0,070	FALSE
-0,098	0,301	-0,004	0,011	0,132	FALSE
-0,067	0,309	-0,002	0,007	0,091	FALSE
0,029	0,280	0,000	0,009	0,018	FALSE
0,119	0,316	0,004	0,012	0,148	FALSE
0,036	0,300	0,001	0,010	0,037	FALSE
0,023	0,300	0,001	0,010	0,027	FALSE
-0,030	0,307	-0,001	0,008	0,024	FALSE
0,017	0,306	0,001	0,012	0,029	FALSE
0,035	0,302	0,001	0,010	0,042	FALSE
0,168	0,294	0,006	0,010	0,263	FALSE
0,097	0,305	0,004	0,012	0,128	FALSE
0,148	0,314	0,006	0,012	0,221	FALSE

-0,022	0,311	-0,001	0,008	0,033	FALSE
0,050	0,300	0,001	0,006	0,076	FALSE
0,014	0,324	0,001	0,012	0,021	FALSE
-0,060	0,301	-0,002	0,010	0,096	FALSE
-0,052	0,303	-0,002	0,011	0,058	FALSE
0,199	0,289	0,004	0,007	0,278	FALSE
-0,084	0,319	-0,003	0,010	0,113	FALSE
-0,218	0,291	-0,007	0,009	0,357	FALSE
-0,003	0,304	0,000	0,011	0,002	FALSE
0,056	0,307	0,001	0,007	0,060	FALSE
-0,127	0,313	-0,004	0,011	0,170	FALSE
-0,013	0,312	0,000	0,008	0,019	FALSE
-0,069	0,306	-0,003	0,012	0,109	FALSE
-0,178	0,297	-0,007	0,013	0,241	FALSE
0,138	0,298	0,003	0,007	0,168	FALSE
0,033	0,301	0,001	0,010	0,037	FALSE
-0,013	0,316	0,000	0,007	0,015	FALSE
0,042	0,311	0,000	0,009	0,007	FALSE
-0,007	0,310	0,000	0,007	0,013	FALSE
-0,002	0,309	0,000	0,012	0,007	FALSE
0,056	0,315	0,002	0,007	0,094	FALSE
0,010	0,302	0,001	0,012	0,023	FALSE
0,032	0,292	0,001	0,006	0,065	FALSE
0,008	0,310	0,001	0,013	0,015	FALSE
0,019	0,300	0,001	0,008	0,057	FALSE
-0,119	0,307	-0,005	0,012	0,179	FALSE
-0,171	0,299	-0,006	0,010	0,272	FALSE
0,087	0,315	0,002	0,009	0,075	FALSE
0,054	0,319	0,002	0,010	0,074	FALSE
0,048	0,295	0,002	0,009	0,076	FALSE
-0,030	0,308	0,000	0,007	0,016	FALSE
-0,002	0,312	0,000	0,013	0,002	FALSE
0,030	0,302	0,001	0,009	0,048	FALSE
0,042	0,312	0,001	0,008	0,055	FALSE
-0,123	0,313	-0,004	0,008	0,178	FALSE
-0,042	0,321	-0,001	0,006	0,073	FALSE
0,015	0,315	0,001	0,008	0,052	FALSE
0,056	0,310	0,002	0,007	0,089	FALSE
-0,052	0,305	-0,001	0,006	0,044	FALSE
0,179	0,309	0,005	0,008	0,254	FALSE
0,107	0,301	0,005	0,013	0,167	FALSE
0,082	0,305	0,002	0,010	0,090	FALSE
0,060	0,290	0,001	0,010	0,053	FALSE
0,035	0,301	0,001	0,011	0,029	FALSE
0,083	0,311	0,002	0,009	0,104	FALSE
0,087	0,298	0,003	0,008	0,123	FALSE
-0,097	0,316	-0,003	0,010	0,131	FALSE
0,136	0,318	0,004	0,011	0,164	FALSE
-0,072	0,310	-0,002	0,009	0,076	FALSE
0,016	0,303	0,000	0,013	0,010	FALSE
0,000	0,304	-0,001	0,012	0,020	FALSE
-0,049	0,299	-0,002	0,013	0,071	FALSE
-0,052	0,307	-0,003	0,011	0,101	FALSE

0,131	0,304	0,006	0,012	0,220	FALSE
0,062	0,303	0,001	0,006	0,067	FALSE
0,022	0,299	0,001	0,007	0,035	FALSE
0,050	0,311	0,001	0,008	0,049	FALSE
0,075	0,297	0,002	0,008	0,074	FALSE
-0,049	0,308	-0,001	0,008	0,048	FALSE
0,098	0,301	0,004	0,013	0,132	FALSE
-0,084	0,316	-0,002	0,009	0,091	FALSE
-0,018	0,328	-0,001	0,010	0,024	FALSE
-0,045	0,308	-0,002	0,012	0,072	FALSE
0,055	0,314	0,002	0,008	0,083	FALSE
0,055	0,300	0,001	0,007	0,037	FALSE
-0,010	0,309	-0,001	0,012	0,031	FALSE
0,056	0,308	0,002	0,013	0,055	FALSE
0,035	0,307	0,001	0,008	0,052	FALSE
0,093	0,302	0,002	0,009	0,095	FALSE
-0,072	0,308	-0,003	0,011	0,091	FALSE
0,019	0,306	0,001	0,008	0,025	FALSE
-0,105	0,280	-0,003	0,008	0,149	FALSE
0,132	0,305	0,003	0,007	0,195	FALSE
0,068	0,295	0,002	0,010	0,083	FALSE
-0,232	0,294	-0,007	0,009	0,381	FALSE
-0,099	0,305	-0,002	0,007	0,101	FALSE
0,008	0,307	0,000	0,009	0,004	FALSE
-0,002	0,310	0,000	0,009	0,020	FALSE
0,136	0,311	0,004	0,009	0,163	FALSE
0,117	0,315	0,003	0,007	0,152	FALSE
0,093	0,305	0,005	0,013	0,144	FALSE
0,143	0,314	0,003	0,006	0,212	FALSE
-0,015	0,311	-0,002	0,013	0,057	FALSE
0,048	0,305	0,002	0,011	0,068	FALSE
0,129	0,308	0,004	0,009	0,159	FALSE
-0,019	0,296	-0,001	0,007	0,044	FALSE
-0,129	0,314	-0,004	0,008	0,195	FALSE
0,010	0,308	0,001	0,013	0,019	FALSE
-0,011	0,311	-0,001	0,012	0,025	FALSE
-0,001	0,318	0,000	0,009	0,013	FALSE
0,032	0,309	0,001	0,007	0,037	FALSE
0,010	0,314	0,000	0,009	0,013	FALSE
-0,021	0,320	0,000	0,010	0,011	FALSE
-0,040	0,306	-0,002	0,011	0,056	FALSE
0,007	0,312	-0,001	0,013	0,014	FALSE
-0,022	0,317	-0,001	0,007	0,037	FALSE
0,195	0,313	0,008	0,013	0,278	FALSE
0,147	0,301	0,006	0,012	0,201	FALSE
0,005	0,315	-0,001	0,009	0,025	FALSE
-0,113	0,300	-0,004	0,012	0,139	FALSE
0,065	0,307	0,001	0,007	0,082	FALSE
0,024	0,324	0,000	0,011	0,011	FALSE
-0,107	0,307	-0,004	0,010	0,135	FALSE
-0,049	0,306	-0,001	0,007	0,041	FALSE
-0,226	0,304	-0,008	0,011	0,339	FALSE
-0,168	0,294	-0,004	0,009	0,204	FALSE

-0,062	0,307	-0,002	0,013	0,071	FALSE
0,070	0,289	0,003	0,012	0,094	FALSE
0,009	0,314	0,001	0,013	0,038	FALSE
0,002	0,306	0,001	0,010	0,018	FALSE
0,037	0,305	0,001	0,008	0,059	FALSE
-0,035	0,303	-0,002	0,012	0,046	FALSE
0,025	0,311	0,000	0,010	0,013	FALSE
0,035	0,315	0,002	0,011	0,050	FALSE
-0,042	0,302	-0,001	0,008	0,054	FALSE
-0,028	0,294	-0,001	0,012	0,037	FALSE
0,064	0,315	0,002	0,009	0,087	FALSE
0,081	0,308	0,001	0,006	0,069	FALSE
-0,118	0,305	-0,003	0,008	0,158	FALSE
-0,006	0,309	0,000	0,011	0,010	FALSE
-0,030	0,309	-0,001	0,012	0,029	FALSE
-0,046	0,298	-0,001	0,006	0,040	FALSE
0,031	0,314	0,002	0,012	0,055	FALSE
0,026	0,306	0,001	0,010	0,041	FALSE
-0,158	0,284	-0,007	0,012	0,230	FALSE
-0,133	0,298	-0,005	0,013	0,161	FALSE
-0,154	0,304	-0,006	0,013	0,185	FALSE
-0,131	0,315	-0,005	0,014	0,148	FALSE
-0,150	0,305	-0,006	0,013	0,194	FALSE
0,011	0,320	0,000	0,009	0,014	FALSE
-0,013	0,305	0,000	0,007	0,004	FALSE
0,070	0,284	0,001	0,006	0,089	FALSE
0,042	0,295	0,002	0,011	0,073	FALSE
0,003	0,308	0,000	0,009	0,005	FALSE
0,035	0,315	0,001	0,009	0,052	FALSE
-0,016	0,314	0,000	0,009	0,002	FALSE
-0,126	0,301	-0,005	0,012	0,175	FALSE
-0,083	0,308	-0,003	0,011	0,119	FALSE
-0,162	0,304	-0,007	0,013	0,211	FALSE
-0,146	0,295	-0,006	0,012	0,212	FALSE
-0,107	0,310	-0,002	0,008	0,097	FALSE
-0,097	0,306	-0,002	0,007	0,112	FALSE
0,144	0,291	0,004	0,007	0,235	FALSE
-0,027	0,304	0,000	0,006	0,010	FALSE
-0,092	0,298	-0,004	0,012	0,136	FALSE
0,107	0,301	0,003	0,008	0,162	FALSE
-0,006	0,307	0,000	0,007	0,015	FALSE
0,094	0,313	0,004	0,011	0,143	FALSE
-0,037	0,305	-0,002	0,010	0,067	FALSE
0,008	0,315	0,000	0,010	0,015	FALSE
0,128	0,307	0,005	0,012	0,186	FALSE
-0,045	0,309	-0,002	0,012	0,051	FALSE
0,052	0,299	0,003	0,011	0,094	FALSE
0,042	0,309	0,001	0,007	0,046	FALSE
-0,012	0,311	-0,001	0,012	0,024	FALSE
0,027	0,293	0,002	0,009	0,069	FALSE
0,018	0,308	0,001	0,010	0,038	FALSE
-0,010	0,309	0,000	0,010	0,016	FALSE
-0,002	0,296	0,001	0,010	0,022	FALSE

0,002	0,303	0,001	0,010	0,035	FALSE
-0,001	0,293	0,001	0,010	0,036	FALSE
0,032	0,290	0,001	0,009	0,059	FALSE
0,034	0,313	0,002	0,010	0,061	FALSE
-0,007	0,296	0,001	0,009	0,025	FALSE
0,008	0,313	0,000	0,007	0,005	FALSE
-0,004	0,298	0,000	0,012	0,003	FALSE
0,089	0,303	0,004	0,012	0,126	FALSE
0,058	0,318	0,003	0,013	0,079	FALSE
0,106	0,307	0,004	0,011	0,151	FALSE
-0,008	0,311	0,000	0,009	0,008	FALSE
-0,067	0,319	-0,002	0,009	0,076	FALSE
-0,063	0,294	-0,002	0,008	0,096	FALSE
0,038	0,310	0,001	0,010	0,044	FALSE
0,090	0,313	0,002	0,007	0,122	FALSE
-0,080	0,294	-0,002	0,006	0,114	FALSE
-0,059	0,317	-0,001	0,007	0,074	FALSE
-0,074	0,303	-0,002	0,006	0,098	FALSE
-0,061	0,307	-0,001	0,006	0,075	FALSE
-0,060	0,309	-0,001	0,006	0,081	FALSE
-0,110	0,313	-0,002	0,006	0,139	FALSE
0,097	0,307	0,003	0,010	0,116	FALSE
-0,144	0,301	-0,006	0,012	0,216	FALSE
-0,010	0,310	-0,001	0,009	0,022	FALSE
-0,005	0,300	0,000	0,009	0,010	FALSE
-0,089	0,300	-0,004	0,013	0,121	FALSE
-0,119	0,303	-0,004	0,009	0,159	FALSE
-0,032	0,308	0,000	0,008	0,021	FALSE
-0,098	0,307	-0,003	0,008	0,127	FALSE
-0,115	0,314	-0,003	0,008	0,144	FALSE
-0,049	0,307	-0,001	0,010	0,039	FALSE
0,095	0,313	0,003	0,010	0,098	FALSE
0,020	0,313	0,002	0,012	0,071	FALSE
-0,038	0,323	0,000	0,007	0,018	FALSE
-0,088	0,309	-0,003	0,010	0,111	FALSE
0,031	0,320	0,001	0,010	0,019	FALSE
0,104	0,319	0,003	0,009	0,151	FALSE
-0,079	0,306	-0,003	0,011	0,123	FALSE
0,007	0,318	0,000	0,012	0,008	FALSE
-0,030	0,315	-0,002	0,013	0,053	FALSE
0,019	0,281	0,000	0,007	0,000	FALSE
-0,088	0,312	-0,002	0,007	0,119	FALSE
-0,116	0,310	-0,003	0,008	0,155	FALSE
-0,047	0,308	-0,001	0,007	0,041	FALSE
-0,022	0,297	-0,001	0,012	0,024	FALSE
-0,037	0,317	-0,001	0,007	0,043	FALSE
-0,117	0,302	-0,003	0,007	0,194	FALSE
-0,048	0,299	-0,001	0,008	0,066	FALSE
-0,029	0,310	-0,001	0,010	0,044	FALSE
-0,056	0,289	-0,002	0,009	0,081	FALSE
-0,018	0,310	-0,001	0,010	0,026	FALSE
0,029	0,319	0,001	0,013	0,033	FALSE
-0,029	0,325	-0,001	0,011	0,026	FALSE

-0,049	0,319	-0,001	0,009	0,048	FALSE
0,048	0,314	0,001	0,009	0,049	FALSE
-0,042	0,315	-0,001	0,011	0,037	FALSE
0,030	0,304	0,000	0,013	0,013	FALSE
0,031	0,303	0,001	0,007	0,031	FALSE
-0,020	0,301	0,000	0,006	0,013	FALSE
0,037	0,302	0,001	0,007	0,060	FALSE
0,099	0,285	0,005	0,012	0,183	FALSE
0,012	0,290	0,000	0,009	0,010	FALSE
-0,135	0,305	-0,004	0,009	0,209	FALSE
0,003	0,305	0,000	0,008	0,007	FALSE
0,129	0,304	0,003	0,006	0,165	FALSE
-0,027	0,298	-0,001	0,009	0,040	FALSE
0,214	0,282	0,008	0,010	0,325	FALSE
-0,116	0,299	-0,004	0,012	0,149	FALSE
0,054	0,316	0,002	0,008	0,076	FALSE
-0,131	0,304	-0,005	0,010	0,208	FALSE
0,003	0,314	0,000	0,011	0,011	FALSE
-0,067	0,309	-0,002	0,011	0,060	FALSE
0,018	0,307	0,000	0,009	0,018	FALSE
0,073	0,308	0,002	0,007	0,109	FALSE
0,028	0,314	0,001	0,010	0,047	FALSE
-0,003	0,318	0,001	0,013	0,016	FALSE
0,040	0,306	0,002	0,010	0,072	FALSE
-0,117	0,310	-0,003	0,009	0,144	FALSE
0,072	0,295	0,003	0,010	0,122	FALSE
0,022	0,296	0,001	0,010	0,045	FALSE
0,072	0,298	0,002	0,009	0,082	FALSE
0,005	0,318	0,000	0,010	0,010	FALSE
0,057	0,300	0,001	0,007	0,067	FALSE
0,067	0,307	0,001	0,007	0,070	FALSE
0,053	0,320	0,001	0,007	0,047	FALSE
0,022	0,316	0,000	0,008	0,020	FALSE
0,077	0,311	0,002	0,007	0,097	FALSE
0,042	0,300	0,001	0,011	0,044	FALSE
-0,018	0,308	-0,001	0,012	0,017	FALSE
-0,008	0,323	0,000	0,012	0,004	FALSE
-0,058	0,314	-0,001	0,008	0,061	FALSE
-0,060	0,307	-0,002	0,013	0,061	FALSE
-0,086	0,302	-0,003	0,013	0,080	FALSE
0,015	0,298	0,000	0,011	0,009	FALSE
-0,025	0,304	0,000	0,012	0,014	FALSE
0,185	0,306	0,005	0,008	0,271	FALSE
-0,120	0,302	-0,005	0,013	0,172	FALSE
-0,011	0,313	0,000	0,007	0,003	FALSE
-0,013	0,308	-0,001	0,009	0,043	FALSE
0,073	0,283	0,003	0,009	0,110	FALSE
0,017	0,307	0,000	0,012	0,006	FALSE
0,002	0,327	0,000	0,008	0,009	FALSE
-0,069	0,303	-0,002	0,008	0,111	FALSE
0,061	0,303	0,002	0,010	0,076	FALSE
0,003	0,320	0,000	0,009	0,001	FALSE
0,040	0,307	0,001	0,009	0,062	FALSE

0,027	0,295	0,001	0,011	0,037	FALSE
0,051	0,302	0,001	0,012	0,042	FALSE
0,012	0,312	0,000	0,007	0,008	FALSE
0,060	0,320	0,001	0,008	0,058	FALSE
-0,028	0,309	-0,001	0,012	0,043	FALSE
-0,055	0,297	-0,001	0,006	0,058	FALSE
0,042	0,325	0,001	0,007	0,039	FALSE
-0,062	0,312	-0,003	0,011	0,102	FALSE
0,040	0,312	0,001	0,008	0,040	FALSE
-0,033	0,313	-0,001	0,013	0,026	FALSE
0,032	0,312	0,001	0,010	0,040	FALSE
-0,028	0,308	-0,002	0,010	0,072	FALSE
0,000	0,307	0,001	0,009	0,031	FALSE
0,071	0,312	0,003	0,010	0,093	FALSE
0,099	0,301	0,002	0,007	0,142	FALSE
0,069	0,297	0,003	0,011	0,124	FALSE
-0,193	0,298	-0,007	0,011	0,285	FALSE
0,107	0,323	0,004	0,011	0,145	FALSE
-0,130	0,313	-0,003	0,007	0,202	FALSE
0,026	0,294	0,001	0,011	0,019	FALSE
-0,091	0,319	-0,003	0,009	0,112	FALSE
-0,031	0,306	-0,001	0,010	0,037	FALSE
-0,014	0,293	-0,001	0,010	0,028	FALSE
0,089	0,307	0,003	0,007	0,164	FALSE
-0,056	0,296	-0,001	0,007	0,060	FALSE
0,010	0,310	0,000	0,007	0,016	FALSE
0,033	0,305	0,001	0,007	0,037	FALSE
-0,037	0,319	0,000	0,007	0,004	FALSE
0,029	0,313	0,002	0,013	0,044	FALSE
-0,001	0,310	-0,001	0,011	0,023	FALSE
0,052	0,327	0,001	0,009	0,063	FALSE
-0,011	0,311	-0,001	0,013	0,019	FALSE
0,023	0,315	0,001	0,009	0,039	FALSE
-0,042	0,302	-0,001	0,007	0,031	FALSE
-0,002	0,284	0,000	0,006	0,026	FALSE
-0,068	0,321	-0,003	0,013	0,098	FALSE
-0,107	0,309	-0,006	0,013	0,187	FALSE
-0,052	0,312	-0,003	0,012	0,080	FALSE
0,057	0,311	0,003	0,012	0,088	FALSE
-0,042	0,320	-0,003	0,013	0,074	FALSE
0,079	0,310	0,004	0,012	0,121	FALSE
0,021	0,309	0,000	0,009	0,018	FALSE
0,052	0,318	0,002	0,007	0,086	FALSE
-0,036	0,324	-0,001	0,009	0,053	FALSE
-0,106	0,295	-0,003	0,008	0,142	FALSE
-0,033	0,314	0,000	0,008	0,002	FALSE
-0,017	0,309	0,000	0,007	0,020	FALSE
0,021	0,295	0,001	0,009	0,042	FALSE
-0,119	0,294	-0,004	0,012	0,134	FALSE
-0,055	0,301	-0,002	0,011	0,051	FALSE
-0,061	0,301	-0,002	0,012	0,053	FALSE
-0,012	0,307	0,000	0,012	0,012	FALSE
-0,024	0,319	-0,001	0,009	0,046	FALSE

0,046	0,316	0,001	0,010	0,035	FALSE
0,068	0,285	0,001	0,013	0,041	FALSE
0,081	0,302	0,002	0,007	0,113	FALSE
-0,037	0,310	-0,001	0,007	0,048	FALSE
-0,040	0,300	-0,001	0,010	0,022	FALSE
0,023	0,329	0,001	0,013	0,020	FALSE
-0,022	0,328	-0,001	0,014	0,017	FALSE
-0,016	0,321	-0,001	0,013	0,023	FALSE
-0,004	0,318	0,000	0,013	0,006	FALSE
-0,012	0,310	-0,001	0,012	0,020	FALSE
0,004	0,320	0,000	0,013	0,011	FALSE
0,015	0,321	0,000	0,013	0,009	FALSE
0,013	0,316	0,000	0,013	0,006	FALSE
0,012	0,316	0,000	0,012	0,014	FALSE
-0,023	0,328	-0,001	0,013	0,037	FALSE
-0,087	0,329	-0,002	0,008	0,080	FALSE
-0,103	0,323	-0,002	0,006	0,119	FALSE
-0,084	0,310	-0,002	0,007	0,101	FALSE
-0,120	0,299	-0,004	0,012	0,126	FALSE
0,037	0,323	0,002	0,010	0,058	FALSE
-0,020	0,295	0,000	0,011	0,010	FALSE
-0,071	0,313	-0,002	0,009	0,067	FALSE
-0,071	0,291	-0,002	0,008	0,101	FALSE
0,037	0,319	0,001	0,006	0,053	FALSE
-0,023	0,298	-0,001	0,008	0,043	FALSE
-0,065	0,299	-0,001	0,008	0,062	FALSE
0,096	0,317	0,002	0,007	0,107	FALSE
0,000	0,305	-0,001	0,009	0,028	FALSE
0,066	0,303	0,002	0,008	0,070	FALSE
0,096	0,313	0,003	0,012	0,097	FALSE
0,020	0,324	0,000	0,008	0,006	FALSE
0,026	0,305	0,000	0,011	0,003	FALSE
-0,001	0,328	0,000	0,013	0,002	FALSE
-0,014	0,318	-0,001	0,013	0,023	FALSE
-0,001	0,319	0,000	0,013	0,002	FALSE
0,006	0,310	0,001	0,008	0,035	FALSE
0,127	0,307	0,003	0,008	0,176	FALSE
0,151	0,295	0,003	0,007	0,179	FALSE
-0,005	0,301	0,000	0,010	0,015	FALSE
0,022	0,310	0,000	0,010	0,005	FALSE
0,000	0,304	0,000	0,010	0,013	FALSE
-0,013	0,297	-0,001	0,010	0,035	FALSE
0,010	0,301	0,000	0,010	0,000	FALSE
-0,007	0,307	0,000	0,010	0,010	FALSE
0,016	0,301	0,000	0,010	0,012	FALSE
0,013	0,312	0,000	0,010	0,007	FALSE
-0,010	0,311	-0,001	0,010	0,028	FALSE
0,034	0,308	0,001	0,010	0,026	FALSE
-0,003	0,292	0,000	0,009	0,008	FALSE
-0,028	0,326	-0,001	0,009	0,025	FALSE
0,162	0,309	0,005	0,009	0,246	FALSE
0,021	0,319	0,001	0,013	0,031	FALSE
0,074	0,313	0,003	0,009	0,128	FALSE

-0,008	0,303	0,000	0,012	0,009	FALSE
-0,025	0,321	-0,001	0,013	0,030	FALSE
-0,001	0,312	-0,001	0,013	0,019	FALSE
-0,016	0,296	-0,001	0,012	0,042	FALSE
0,122	0,305	0,005	0,012	0,152	FALSE
-0,076	0,293	-0,002	0,010	0,087	FALSE
0,006	0,308	0,001	0,009	0,031	FALSE
0,109	0,308	0,005	0,012	0,188	FALSE
0,000	0,323	0,000	0,013	0,006	FALSE
0,073	0,296	0,002	0,008	0,098	FALSE
0,132	0,301	0,004	0,010	0,159	FALSE
0,145	0,292	0,003	0,007	0,216	FALSE
-0,032	0,317	-0,001	0,010	0,037	FALSE
0,041	0,304	0,001	0,012	0,025	FALSE
0,001	0,316	0,000	0,009	0,008	FALSE
-0,047	0,302	-0,001	0,008	0,043	FALSE
-0,001	0,310	0,000	0,013	0,000	FALSE
-0,001	0,322	0,000	0,013	0,002	FALSE
-0,007	0,317	-0,001	0,013	0,017	FALSE
0,019	0,315	0,001	0,013	0,020	FALSE
0,018	0,311	0,000	0,013	0,012	FALSE
0,010	0,326	0,000	0,013	0,009	FALSE
0,018	0,309	0,001	0,012	0,024	FALSE
0,045	0,323	0,002	0,013	0,042	FALSE
0,007	0,308	0,000	0,013	0,013	FALSE
0,044	0,327	0,002	0,013	0,051	FALSE
-0,035	0,315	-0,001	0,013	0,034	FALSE
0,004	0,316	0,000	0,013	0,002	FALSE
0,012	0,321	0,000	0,013	0,005	FALSE
-0,006	0,304	0,000	0,012	0,006	FALSE
0,022	0,325	0,001	0,013	0,021	FALSE
0,133	0,294	0,005	0,011	0,196	FALSE
0,166	0,301	0,006	0,012	0,230	FALSE
0,097	0,309	0,004	0,011	0,144	FALSE
0,050	0,307	0,002	0,013	0,061	FALSE
0,019	0,306	0,001	0,013	0,015	FALSE
-0,001	0,319	0,000	0,013	0,000	FALSE
0,014	0,320	0,001	0,013	0,015	FALSE
0,005	0,320	0,001	0,013	0,014	FALSE
-0,006	0,315	-0,001	0,012	0,018	FALSE
0,010	0,312	0,000	0,012	0,006	FALSE
0,000	0,317	0,000	0,012	0,003	FALSE
0,015	0,310	0,000	0,012	0,009	FALSE
0,005	0,325	0,000	0,013	0,004	FALSE
-0,007	0,313	0,000	0,013	0,013	FALSE
0,021	0,328	0,001	0,013	0,016	FALSE
-0,019	0,326	-0,001	0,013	0,020	FALSE
-0,070	0,315	-0,003	0,013	0,081	FALSE
-0,027	0,319	-0,001	0,013	0,037	FALSE
-0,025	0,296	0,000	0,011	0,013	FALSE
-0,105	0,287	-0,003	0,008	0,145	FALSE
0,106	0,315	0,003	0,008	0,145	FALSE
0,071	0,309	0,002	0,013	0,074	FALSE

0,133	0,316	0,003	0,007	0,182	FALSE
0,143	0,309	0,005	0,009	0,224	FALSE
0,079	0,311	0,003	0,009	0,135	FALSE
-0,221	0,311	-0,005	0,007	0,293	FALSE
-0,018	0,315	0,000	0,012	0,008	FALSE
0,024	0,309	0,001	0,007	0,040	FALSE
0,002	0,319	0,000	0,009	0,001	FALSE
0,023	0,313	0,001	0,008	0,038	FALSE
0,036	0,312	0,001	0,008	0,031	FALSE
0,007	0,298	0,000	0,008	0,001	FALSE
0,067	0,312	0,002	0,008	0,094	FALSE
0,055	0,296	0,002	0,013	0,055	FALSE
0,121	0,294	0,005	0,012	0,155	FALSE
-0,045	0,309	-0,002	0,013	0,050	FALSE
0,038	0,302	0,002	0,011	0,077	FALSE
0,053	0,311	0,003	0,013	0,099	FALSE
-0,016	0,313	0,000	0,010	0,005	FALSE
0,116	0,312	0,006	0,013	0,196	FALSE
0,039	0,297	0,001	0,013	0,040	FALSE
0,036	0,302	0,001	0,012	0,038	FALSE
-0,034	0,318	-0,001	0,007	0,028	FALSE
0,070	0,305	0,003	0,008	0,124	FALSE
0,097	0,312	0,004	0,013	0,109	FALSE
-0,091	0,315	-0,003	0,013	0,100	FALSE
0,098	0,310	0,003	0,009	0,131	FALSE
0,063	0,318	0,002	0,012	0,046	FALSE
0,006	0,321	0,001	0,011	0,036	FALSE
-0,056	0,316	-0,001	0,011	0,036	FALSE
-0,112	0,311	-0,003	0,009	0,136	FALSE
-0,059	0,323	-0,001	0,009	0,062	FALSE
-0,201	0,298	-0,005	0,007	0,290	FALSE
0,017	0,309	0,001	0,007	0,041	FALSE
-0,136	0,300	-0,003	0,007	0,164	FALSE
-0,140	0,305	-0,003	0,007	0,183	FALSE
-0,100	0,301	-0,002	0,007	0,126	FALSE
0,031	0,301	0,000	0,010	0,014	FALSE
0,141	0,303	0,005	0,010	0,199	FALSE
-0,086	0,309	-0,002	0,009	0,083	FALSE
-0,142	0,292	-0,003	0,007	0,175	FALSE
0,043	0,303	0,002	0,010	0,085	FALSE
-0,003	0,304	0,000	0,012	0,014	FALSE
0,030	0,314	0,001	0,013	0,041	FALSE
-0,142	0,302	-0,004	0,010	0,155	FALSE
-0,075	0,305	-0,001	0,007	0,066	FALSE
-0,062	0,296	-0,001	0,008	0,063	FALSE
-0,087	0,311	-0,002	0,009	0,083	FALSE
-0,081	0,286	-0,002	0,009	0,079	FALSE
-0,131	0,303	-0,004	0,011	0,164	FALSE
-0,105	0,313	-0,003	0,010	0,131	FALSE
-0,117	0,309	-0,003	0,010	0,129	FALSE
-0,179	0,287	-0,006	0,011	0,218	FALSE
-0,152	0,287	-0,005	0,011	0,171	FALSE
-0,141	0,283	-0,004	0,011	0,151	FALSE

-0,149	0,299	-0,004	0,011	0,161	FALSE
-0,142	0,306	-0,004	0,009	0,181	FALSE
0,000	0,309	0,000	0,006	0,021	FALSE
0,031	0,306	0,001	0,012	0,029	FALSE
0,015	0,308	0,001	0,012	0,015	FALSE
-0,038	0,301	-0,001	0,008	0,041	FALSE
-0,090	0,307	-0,002	0,008	0,122	FALSE
-0,201	0,295	-0,005	0,007	0,312	FALSE
0,017	0,310	0,000	0,009	0,008	FALSE
0,000	0,293	0,001	0,008	0,028	FALSE
-0,088	0,308	-0,003	0,009	0,116	FALSE
0,075	0,308	0,002	0,006	0,103	FALSE
0,020	0,304	0,000	0,006	0,022	FALSE
-0,006	0,308	0,000	0,007	0,005	FALSE
0,082	0,306	0,003	0,010	0,100	FALSE
0,059	0,296	0,002	0,008	0,089	FALSE
0,057	0,308	0,002	0,010	0,081	FALSE
0,016	0,300	0,001	0,009	0,023	FALSE
0,135	0,299	0,004	0,010	0,174	FALSE
-0,020	0,301	0,000	0,007	0,003	FALSE
0,070	0,306	0,003	0,011	0,090	FALSE
-0,022	0,315	-0,001	0,009	0,032	FALSE
-0,070	0,313	-0,003	0,012	0,112	FALSE
0,005	0,303	0,000	0,008	0,003	FALSE
-0,025	0,311	-0,001	0,009	0,035	FALSE
0,052	0,308	0,002	0,008	0,079	FALSE
-0,054	0,314	-0,001	0,007	0,054	FALSE
0,035	0,309	0,001	0,012	0,042	FALSE
0,025	0,317	0,001	0,012	0,043	FALSE
0,062	0,309	0,001	0,007	0,039	FALSE
0,051	0,309	0,002	0,012	0,050	FALSE
0,039	0,309	0,002	0,013	0,046	FALSE
0,107	0,305	0,003	0,007	0,157	FALSE
0,012	0,312	0,000	0,007	0,012	FALSE
0,179	0,307	0,006	0,011	0,253	FALSE
0,199	0,306	0,007	0,011	0,282	FALSE
0,189	0,290	0,007	0,010	0,288	FALSE
0,040	0,308	0,002	0,013	0,045	FALSE
0,233	0,288	0,008	0,010	0,381	FALSE
0,037	0,315	0,002	0,010	0,063	FALSE
0,034	0,320	0,002	0,010	0,065	FALSE
0,057	0,308	0,001	0,008	0,062	FALSE
0,015	0,314	0,000	0,007	0,009	FALSE
0,051	0,314	0,001	0,008	0,048	FALSE
-0,035	0,309	-0,001	0,007	0,072	FALSE
-0,143	0,289	-0,003	0,007	0,190	FALSE
0,120	0,304	0,003	0,007	0,146	FALSE
-0,100	0,304	-0,004	0,010	0,148	FALSE
-0,043	0,309	-0,002	0,010	0,066	FALSE
-0,010	0,308	-0,001	0,008	0,025	FALSE
-0,079	0,309	-0,003	0,010	0,109	FALSE
-0,092	0,292	-0,003	0,010	0,138	FALSE
-0,023	0,310	0,000	0,009	0,012	FALSE

0,031	0,299	0,001	0,010	0,029	FALSE
-0,051	0,308	-0,003	0,012	0,080	FALSE
0,068	0,311	0,002	0,010	0,066	FALSE
-0,009	0,311	0,000	0,012	0,002	FALSE
-0,007	0,318	0,000	0,008	0,006	FALSE
0,032	0,319	0,002	0,013	0,048	FALSE
0,024	0,302	0,001	0,012	0,036	FALSE
0,075	0,308	0,003	0,011	0,101	FALSE
0,022	0,318	0,001	0,013	0,038	FALSE
0,139	0,299	0,005	0,012	0,171	FALSE
0,166	0,296	0,006	0,012	0,232	FALSE
0,149	0,304	0,005	0,012	0,191	FALSE
0,152	0,294	0,006	0,012	0,196	FALSE
0,109	0,297	0,003	0,007	0,172	FALSE
-0,058	0,305	-0,001	0,008	0,056	FALSE
-0,010	0,312	-0,001	0,006	0,036	FALSE
0,023	0,307	0,001	0,007	0,038	FALSE
0,242	0,296	0,007	0,009	0,362	FALSE
0,121	0,290	0,005	0,012	0,177	FALSE
0,116	0,303	0,005	0,013	0,147	FALSE
0,135	0,284	0,006	0,012	0,207	FALSE
0,093	0,313	0,003	0,010	0,134	FALSE
0,037	0,298	0,001	0,007	0,039	FALSE
0,040	0,313	0,001	0,008	0,035	FALSE
0,036	0,304	0,000	0,008	0,021	FALSE
0,086	0,307	0,002	0,008	0,107	FALSE
0,062	0,302	0,001	0,007	0,069	FALSE
0,049	0,310	0,001	0,007	0,050	FALSE
0,000	0,306	0,000	0,007	0,004	FALSE
0,000	0,305	-0,001	0,010	0,024	FALSE
-0,004	0,306	-0,001	0,010	0,026	FALSE
-0,094	0,318	-0,003	0,009	0,122	FALSE
-0,082	0,301	-0,004	0,009	0,150	FALSE
-0,103	0,299	-0,004	0,009	0,152	FALSE
-0,159	0,314	-0,005	0,009	0,250	FALSE
0,020	0,332	0,002	0,013	0,044	FALSE
-0,227	0,307	-0,005	0,007	0,346	FALSE
0,095	0,294	0,004	0,012	0,127	FALSE
-0,062	0,298	-0,001	0,010	0,037	FALSE
0,209	0,297	0,008	0,011	0,346	FALSE
-0,083	0,317	-0,001	0,007	0,079	FALSE
-0,021	0,316	-0,001	0,008	0,028	FALSE
-0,009	0,293	0,000	0,013	0,000	FALSE
0,119	0,300	0,002	0,006	0,155	FALSE
-0,145	0,310	-0,003	0,006	0,171	FALSE
-0,002	0,314	0,000	0,011	0,000	FALSE
-0,061	0,313	-0,002	0,009	0,083	FALSE
0,015	0,312	0,001	0,011	0,035	FALSE
0,058	0,323	0,002	0,011	0,069	FALSE
0,154	0,310	0,006	0,013	0,195	FALSE
0,144	0,315	0,006	0,013	0,197	FALSE
-0,059	0,320	-0,001	0,012	0,045	FALSE
0,148	0,320	0,006	0,014	0,180	FALSE

-0,042	0,299	-0,001	0,011	0,024	FALSE
-0,049	0,318	-0,001	0,012	0,025	FALSE
-0,002	0,306	0,001	0,011	0,018	FALSE
0,128	0,309	0,003	0,008	0,164	FALSE
-0,054	0,309	-0,002	0,008	0,091	FALSE
0,030	0,307	0,000	0,008	0,008	FALSE
-0,031	0,309	-0,001	0,010	0,031	FALSE
-0,083	0,298	-0,003	0,009	0,135	FALSE
0,046	0,321	0,001	0,007	0,058	FALSE
-0,221	0,292	-0,009	0,011	0,358	FALSE
-0,115	0,311	-0,003	0,008	0,147	FALSE
0,044	0,294	0,001	0,010	0,034	FALSE
-0,065	0,288	-0,003	0,012	0,096	FALSE
0,068	0,310	0,002	0,008	0,084	FALSE
0,030	0,308	0,001	0,007	0,039	FALSE
-0,017	0,292	-0,001	0,012	0,039	FALSE
0,015	0,301	0,001	0,011	0,031	FALSE
-0,128	0,307	-0,003	0,007	0,151	FALSE
-0,103	0,312	-0,002	0,008	0,115	FALSE
0,109	0,304	0,003	0,011	0,124	FALSE
-0,044	0,312	-0,001	0,007	0,028	FALSE
-0,035	0,320	-0,001	0,009	0,055	FALSE
0,083	0,296	0,003	0,013	0,094	FALSE
0,067	0,294	0,002	0,006	0,114	FALSE
0,128	0,302	0,005	0,010	0,216	FALSE
0,175	0,305	0,007	0,011	0,285	FALSE
0,164	0,303	0,007	0,011	0,264	FALSE
0,059	0,301	0,001	0,008	0,063	FALSE
-0,062	0,294	-0,001	0,006	0,048	FALSE
0,062	0,310	0,002	0,009	0,068	FALSE
-0,061	0,307	-0,001	0,007	0,054	FALSE
-0,053	0,294	-0,001	0,006	0,037	FALSE
-0,092	0,282	-0,002	0,006	0,129	FALSE
-0,054	0,304	-0,002	0,013	0,062	FALSE
-0,132	0,307	-0,003	0,007	0,159	FALSE
0,001	0,296	0,001	0,012	0,024	FALSE
0,021	0,311	0,001	0,011	0,018	FALSE
-0,152	0,285	-0,005	0,012	0,160	FALSE
-0,163	0,281	-0,005	0,011	0,196	FALSE
-0,130	0,290	-0,006	0,012	0,201	FALSE
-0,179	0,291	-0,005	0,009	0,246	FALSE
0,004	0,296	0,000	0,013	0,002	FALSE
0,064	0,300	0,003	0,011	0,111	FALSE
0,032	0,305	0,000	0,013	0,011	FALSE
0,030	0,304	0,001	0,012	0,014	FALSE
-0,050	0,302	-0,002	0,007	0,090	FALSE
-0,048	0,322	-0,001	0,010	0,036	FALSE
-0,041	0,291	-0,002	0,012	0,059	FALSE
0,032	0,334	0,001	0,009	0,036	FALSE
-0,086	0,304	-0,002	0,007	0,091	FALSE
-0,045	0,312	-0,002	0,011	0,078	FALSE
-0,096	0,302	-0,003	0,010	0,131	FALSE
0,026	0,316	0,001	0,011	0,027	FALSE

-0,028	0,316	-0,001	0,011	0,032	FALSE
0,055	0,315	0,002	0,010	0,069	FALSE
0,066	0,300	0,002	0,010	0,095	FALSE
0,046	0,305	0,002	0,010	0,063	FALSE
0,037	0,297	0,001	0,011	0,049	FALSE
-0,129	0,309	-0,005	0,011	0,182	FALSE
0,019	0,308	0,000	0,010	0,010	FALSE
0,015	0,304	0,000	0,007	0,009	FALSE
-0,145	0,306	-0,006	0,012	0,205	FALSE
-0,110	0,309	-0,004	0,012	0,142	FALSE
0,101	0,311	0,004	0,010	0,151	FALSE
0,048	0,321	0,002	0,013	0,064	FALSE
-0,107	0,299	-0,005	0,012	0,163	FALSE
-0,106	0,308	-0,005	0,012	0,156	FALSE
-0,085	0,303	-0,004	0,012	0,119	FALSE
0,062	0,303	0,001	0,007	0,056	FALSE
-0,089	0,303	-0,002	0,007	0,114	FALSE
-0,078	0,289	-0,004	0,012	0,124	FALSE
0,058	0,302	0,003	0,012	0,092	FALSE
0,003	0,292	0,001	0,010	0,047	FALSE
0,019	0,300	0,001	0,007	0,062	FALSE
-0,008	0,323	0,000	0,007	0,018	FALSE
-0,015	0,299	-0,001	0,011	0,017	FALSE
-0,083	0,302	-0,003	0,012	0,084	FALSE
0,008	0,306	0,001	0,011	0,019	FALSE
-0,085	0,306	-0,003	0,009	0,125	FALSE
0,159	0,301	0,003	0,007	0,199	FALSE
0,050	0,306	0,001	0,010	0,035	FALSE
0,011	0,312	0,000	0,013	0,012	FALSE
-0,064	0,310	-0,002	0,012	0,064	FALSE
-0,065	0,315	-0,002	0,013	0,059	FALSE
-0,059	0,315	-0,002	0,013	0,052	FALSE
0,098	0,301	0,002	0,007	0,123	FALSE
-0,136	0,300	-0,005	0,013	0,161	FALSE
0,108	0,292	0,004	0,011	0,170	FALSE
0,031	0,313	0,001	0,008	0,041	FALSE
-0,061	0,289	-0,001	0,006	0,052	FALSE
0,011	0,310	0,000	0,007	0,002	FALSE
-0,087	0,308	-0,003	0,010	0,092	FALSE
-0,048	0,309	-0,001	0,007	0,052	FALSE
-0,057	0,308	-0,001	0,008	0,064	FALSE
0,016	0,321	0,000	0,010	0,008	FALSE
0,041	0,317	0,001	0,010	0,028	FALSE
-0,074	0,316	-0,002	0,009	0,078	FALSE
0,009	0,315	0,000	0,010	0,012	FALSE
0,038	0,299	0,001	0,008	0,053	FALSE
0,053	0,311	0,001	0,008	0,066	FALSE
-0,064	0,314	-0,003	0,012	0,097	FALSE
-0,082	0,308	-0,003	0,012	0,117	FALSE
0,078	0,313	0,004	0,013	0,116	FALSE
0,085	0,309	0,004	0,013	0,122	FALSE
0,111	0,309	0,003	0,007	0,177	FALSE
0,106	0,311	0,002	0,007	0,124	FALSE

-0,028	0,292	-0,002	0,011	0,052	FALSE
0,004	0,282	0,000	0,012	0,008	FALSE
-0,027	0,315	-0,001	0,010	0,044	FALSE
0,089	0,298	0,002	0,009	0,087	FALSE
-0,035	0,300	-0,002	0,010	0,060	FALSE
0,323	0,265	0,013	0,011	0,610	FALSE
0,211	0,299	0,006	0,008	0,304	FALSE
0,223	0,290	0,008	0,011	0,333	FALSE
0,050	0,314	0,002	0,011	0,075	FALSE
0,089	0,325	0,004	0,012	0,126	FALSE
-0,141	0,309	-0,006	0,013	0,206	FALSE
0,088	0,313	0,003	0,012	0,113	FALSE
-0,097	0,304	-0,003	0,008	0,133	FALSE
-0,078	0,311	-0,002	0,010	0,088	FALSE
-0,093	0,299	-0,004	0,013	0,115	FALSE
0,066	0,312	0,002	0,012	0,071	FALSE
0,057	0,300	0,003	0,011	0,091	FALSE
-0,085	0,306	-0,003	0,011	0,094	FALSE
0,092	0,310	0,003	0,008	0,134	FALSE
-0,036	0,306	-0,001	0,008	0,064	FALSE
-0,047	0,305	-0,002	0,012	0,072	FALSE
0,008	0,299	0,000	0,007	0,016	FALSE
-0,183	0,306	-0,008	0,012	0,294	FALSE
-0,085	0,305	-0,003	0,010	0,131	FALSE
-0,098	0,319	-0,003	0,008	0,134	FALSE
-0,161	0,296	-0,005	0,010	0,212	FALSE
-0,003	0,305	0,000	0,007	0,016	FALSE
0,076	0,312	0,001	0,006	0,085	FALSE
0,077	0,303	0,003	0,012	0,105	FALSE
0,078	0,308	0,003	0,013	0,104	FALSE
0,093	0,305	0,002	0,007	0,092	FALSE
-0,023	0,299	0,000	0,008	0,009	FALSE
0,062	0,312	0,001	0,008	0,057	FALSE
-0,030	0,308	-0,001	0,010	0,037	FALSE
-0,108	0,314	-0,006	0,013	0,180	FALSE
-0,139	0,296	-0,007	0,012	0,243	FALSE
0,044	0,312	0,001	0,008	0,055	FALSE
-0,032	0,320	-0,001	0,010	0,044	FALSE
0,087	0,314	0,003	0,010	0,124	FALSE
-0,040	0,304	-0,001	0,007	0,029	FALSE
-0,038	0,298	0,000	0,006	0,023	FALSE
0,026	0,301	0,001	0,009	0,030	FALSE
-0,072	0,318	-0,001	0,007	0,079	FALSE
-0,053	0,296	-0,002	0,006	0,106	FALSE
0,067	0,296	0,002	0,007	0,130	FALSE
-0,005	0,311	0,001	0,013	0,024	FALSE
0,049	0,297	0,002	0,011	0,054	FALSE
0,025	0,310	0,001	0,010	0,029	FALSE
-0,070	0,310	-0,003	0,010	0,111	FALSE
0,077	0,300	0,002	0,008	0,110	FALSE
0,008	0,309	0,001	0,008	0,024	FALSE
0,090	0,304	0,002	0,008	0,096	FALSE
0,166	0,306	0,005	0,009	0,244	FALSE

0,083	0,313	0,005	0,013	0,136	FALSE
-0,031	0,298	-0,001	0,010	0,043	FALSE
0,110	0,311	0,004	0,011	0,145	FALSE
0,123	0,310	0,004	0,011	0,166	FALSE
0,060	0,307	0,002	0,009	0,091	FALSE
-0,039	0,304	-0,002	0,008	0,068	FALSE
0,057	0,311	0,001	0,008	0,069	FALSE
-0,168	0,290	-0,009	0,012	0,340	FALSE
-0,157	0,297	-0,008	0,012	0,298	FALSE
-0,168	0,285	-0,009	0,012	0,340	FALSE
-0,168	0,279	-0,009	0,012	0,353	FALSE
-0,149	0,289	-0,008	0,012	0,308	FALSE
-0,017	0,313	0,000	0,011	0,002	FALSE
0,066	0,302	0,001	0,007	0,065	FALSE
0,055	0,321	0,002	0,009	0,084	FALSE
-0,151	0,318	-0,004	0,008	0,200	FALSE
0,021	0,307	0,000	0,007	0,023	FALSE
0,060	0,305	0,003	0,011	0,088	FALSE
-0,028	0,321	0,000	0,012	0,014	FALSE
0,049	0,301	0,001	0,007	0,052	FALSE
0,000	0,321	0,000	0,007	0,007	FALSE
-0,119	0,307	-0,004	0,009	0,165	FALSE
-0,079	0,298	-0,003	0,009	0,116	FALSE
-0,110	0,314	-0,004	0,009	0,158	FALSE
0,007	0,305	0,000	0,007	0,012	FALSE
0,162	0,290	0,005	0,010	0,213	FALSE
0,141	0,309	0,006	0,013	0,172	FALSE
0,022	0,321	0,001	0,011	0,024	FALSE
0,110	0,314	0,003	0,009	0,148	FALSE
-0,184	0,287	-0,008	0,012	0,273	FALSE
-0,016	0,302	0,000	0,009	0,014	FALSE
-0,008	0,297	0,000	0,008	0,013	FALSE
-0,069	0,286	-0,002	0,008	0,083	FALSE
0,067	0,311	0,002	0,008	0,088	FALSE
-0,030	0,315	-0,001	0,008	0,039	FALSE
0,151	0,284	0,006	0,012	0,206	FALSE
0,148	0,310	0,003	0,006	0,169	FALSE
0,033	0,301	0,001	0,011	0,042	FALSE
-0,058	0,309	-0,001	0,007	0,077	FALSE
-0,033	0,318	-0,001	0,010	0,055	FALSE
0,064	0,306	0,002	0,011	0,067	FALSE
0,106	0,300	0,002	0,006	0,146	FALSE
0,004	0,303	0,000	0,012	0,002	FALSE
0,041	0,309	0,002	0,012	0,051	FALSE
0,007	0,306	0,001	0,009	0,045	FALSE
-0,086	0,316	-0,002	0,008	0,109	FALSE
0,015	0,305	0,001	0,008	0,041	FALSE
-0,113	0,315	-0,004	0,012	0,135	FALSE
-0,022	0,309	0,000	0,010	0,009	FALSE
-0,026	0,310	0,000	0,010	0,004	FALSE
-0,016	0,308	0,001	0,010	0,021	FALSE
-0,002	0,309	0,000	0,013	0,008	FALSE
0,097	0,309	0,003	0,011	0,112	FALSE

0,069	0,321	0,002	0,011	0,074	FALSE
0,072	0,299	0,002	0,008	0,086	FALSE
-0,038	0,302	-0,003	0,013	0,080	FALSE
0,023	0,311	0,001	0,008	0,034	FALSE
0,053	0,314	0,001	0,006	0,070	FALSE
0,054	0,310	0,002	0,007	0,085	FALSE
-0,069	0,307	-0,003	0,012	0,090	FALSE
-0,005	0,305	0,001	0,009	0,020	FALSE
-0,007	0,301	-0,001	0,008	0,030	FALSE
0,018	0,316	0,000	0,007	0,018	FALSE
-0,024	0,306	0,000	0,008	0,013	FALSE
-0,036	0,299	-0,001	0,007	0,028	FALSE
0,034	0,311	0,000	0,011	0,015	FALSE
0,053	0,314	0,001	0,011	0,048	FALSE
0,048	0,309	0,002	0,013	0,061	FALSE
0,043	0,287	0,001	0,007	0,039	FALSE
0,006	0,316	0,000	0,009	0,018	FALSE
-0,049	0,304	-0,001	0,007	0,040	FALSE
-0,052	0,319	-0,001	0,007	0,037	FALSE
-0,085	0,318	-0,002	0,008	0,098	FALSE
0,038	0,316	0,001	0,007	0,036	FALSE
0,011	0,294	0,001	0,010	0,024	FALSE
-0,084	0,302	-0,003	0,011	0,107	FALSE
-0,021	0,317	0,000	0,012	0,013	FALSE
-0,061	0,298	-0,003	0,011	0,096	FALSE
0,047	0,289	0,002	0,010	0,055	FALSE
0,101	0,299	0,003	0,011	0,119	FALSE
0,075	0,306	0,002	0,010	0,086	FALSE
-0,067	0,298	-0,002	0,010	0,089	FALSE
0,015	0,324	0,000	0,007	0,013	FALSE
-0,067	0,307	-0,002	0,009	0,084	FALSE
-0,027	0,319	-0,001	0,007	0,039	FALSE
-0,060	0,306	-0,002	0,008	0,083	FALSE
-0,011	0,304	0,000	0,006	0,015	FALSE
-0,164	0,301	-0,006	0,010	0,258	FALSE
-0,067	0,317	-0,002	0,007	0,086	FALSE
-0,005	0,300	0,000	0,011	0,011	FALSE
0,123	0,314	0,004	0,011	0,157	FALSE
-0,008	0,304	0,000	0,007	0,021	FALSE
-0,060	0,301	-0,003	0,013	0,103	FALSE
0,021	0,316	0,001	0,007	0,030	FALSE
0,036	0,296	0,000	0,008	0,001	FALSE
0,064	0,307	0,001	0,008	0,047	FALSE
0,034	0,281	0,000	0,007	0,007	FALSE
-0,024	0,312	-0,001	0,013	0,028	FALSE
-0,113	0,303	-0,004	0,010	0,148	FALSE
0,042	0,326	0,001	0,012	0,028	FALSE
0,117	0,303	0,002	0,007	0,128	FALSE
-0,096	0,298	-0,003	0,011	0,112	FALSE
0,014	0,313	0,000	0,009	0,002	FALSE
0,166	0,298	0,007	0,012	0,228	FALSE
0,051	0,303	0,002	0,011	0,071	FALSE
0,066	0,311	0,001	0,008	0,068	FALSE

-0,020	0,306	0,000	0,012	0,004	FALSE
0,008	0,317	-0,001	0,012	0,029	FALSE
-0,018	0,313	0,000	0,009	0,005	FALSE
0,045	0,302	0,001	0,007	0,052	FALSE
0,003	0,313	0,000	0,012	0,006	FALSE
0,001	0,314	0,000	0,007	0,004	FALSE
-0,095	0,305	-0,003	0,009	0,112	FALSE
0,021	0,316	0,001	0,007	0,036	FALSE
0,063	0,301	0,002	0,009	0,084	FALSE
0,131	0,308	0,004	0,009	0,179	FALSE
0,059	0,314	0,002	0,013	0,069	FALSE
-0,056	0,328	-0,002	0,010	0,067	FALSE
0,043	0,306	0,001	0,010	0,035	FALSE
0,082	0,309	0,003	0,011	0,111	FALSE
0,064	0,316	0,002	0,009	0,088	FALSE
0,064	0,305	0,002	0,006	0,107	FALSE
0,017	0,317	0,000	0,007	0,007	FALSE
-0,078	0,314	-0,002	0,007	0,090	FALSE
0,104	0,305	0,004	0,009	0,164	FALSE
0,112	0,317	0,004	0,009	0,170	FALSE
0,138	0,297	0,004	0,009	0,197	FALSE
0,067	0,318	0,003	0,009	0,117	FALSE
-0,062	0,313	-0,001	0,007	0,073	FALSE
0,015	0,315	0,000	0,007	0,004	FALSE
-0,007	0,301	-0,001	0,010	0,025	FALSE
-0,039	0,318	0,000	0,009	0,018	FALSE
0,008	0,298	0,000	0,010	0,009	FALSE
0,012	0,295	0,001	0,013	0,023	FALSE
-0,069	0,294	-0,003	0,011	0,112	FALSE
0,109	0,290	0,005	0,013	0,164	FALSE
0,080	0,307	0,002	0,009	0,080	FALSE
0,113	0,310	0,003	0,007	0,170	TRUE
-0,023	0,305	-0,001	0,008	0,034	FALSE
-0,032	0,298	0,000	0,011	0,004	FALSE
0,037	0,305	0,001	0,008	0,044	FALSE
0,082	0,302	0,003	0,011	0,094	FALSE
0,045	0,299	0,001	0,007	0,041	FALSE
0,052	0,307	0,001	0,007	0,071	FALSE
-0,015	0,293	0,000	0,008	0,019	FALSE
-0,037	0,305	-0,001	0,012	0,032	FALSE
-0,113	0,311	-0,004	0,009	0,162	FALSE
0,032	0,298	0,000	0,012	0,010	FALSE
0,066	0,316	0,002	0,008	0,096	FALSE
0,087	0,315	0,004	0,013	0,114	FALSE
0,100	0,315	0,004	0,013	0,135	FALSE
-0,038	0,310	-0,002	0,013	0,067	FALSE
0,016	0,317	0,000	0,010	0,014	FALSE
0,091	0,310	0,003	0,012	0,102	FALSE
0,091	0,311	0,004	0,011	0,135	FALSE
-0,037	0,297	-0,002	0,011	0,086	FALSE
0,069	0,313	0,002	0,012	0,074	FALSE
-0,033	0,304	-0,001	0,007	0,027	FALSE
0,004	0,315	0,000	0,008	0,011	FALSE

0,002	0,306	0,000	0,007	0,020	FALSE
0,009	0,316	0,001	0,008	0,039	FALSE
0,004	0,317	0,000	0,008	0,005	FALSE
0,035	0,319	0,001	0,008	0,048	FALSE
-0,006	0,289	0,000	0,012	0,007	FALSE
0,047	0,306	0,002	0,009	0,061	FALSE
0,110	0,319	0,002	0,007	0,132	FALSE
-0,009	0,307	0,000	0,008	0,004	FALSE
-0,045	0,302	-0,002	0,011	0,050	FALSE
-0,021	0,285	-0,001	0,011	0,027	FALSE
0,033	0,315	0,001	0,007	0,036	FALSE
-0,044	0,307	-0,001	0,010	0,046	FALSE
-0,050	0,304	-0,002	0,010	0,063	FALSE
-0,072	0,321	-0,002	0,011	0,087	FALSE
-0,059	0,305	-0,002	0,010	0,061	FALSE
-0,070	0,295	-0,002	0,010	0,087	FALSE
-0,062	0,297	-0,002	0,010	0,067	FALSE
0,000	0,308	0,000	0,010	0,006	FALSE
-0,083	0,306	-0,002	0,009	0,103	FALSE
-0,039	0,301	-0,002	0,010	0,057	FALSE
-0,105	0,299	-0,002	0,008	0,112	FALSE
-0,068	0,298	-0,002	0,009	0,073	FALSE
0,121	0,305	0,005	0,012	0,149	FALSE
-0,096	0,297	-0,003	0,009	0,122	FALSE
-0,047	0,309	-0,002	0,013	0,059	FALSE
-0,108	0,299	-0,003	0,009	0,159	FALSE
-0,093	0,307	-0,004	0,012	0,130	FALSE
0,092	0,309	0,004	0,011	0,131	FALSE
0,245	0,290	0,010	0,012	0,397	FALSE
0,190	0,288	0,008	0,012	0,295	FALSE
-0,029	0,307	-0,001	0,009	0,045	FALSE
0,077	0,302	0,002	0,008	0,119	FALSE
0,141	0,308	0,006	0,012	0,208	FALSE
-0,014	0,305	0,000	0,008	0,014	FALSE
0,021	0,322	0,001	0,008	0,034	FALSE
0,030	0,297	0,001	0,012	0,029	FALSE
-0,018	0,296	0,000	0,012	0,003	FALSE
-0,003	0,288	0,000	0,011	0,011	FALSE
-0,037	0,298	-0,001	0,012	0,029	FALSE
-0,070	0,307	-0,002	0,010	0,080	FALSE
0,100	0,312	0,003	0,011	0,124	FALSE
-0,002	0,312	0,000	0,013	0,012	FALSE
0,028	0,300	0,002	0,011	0,057	FALSE
0,029	0,300	0,002	0,013	0,049	FALSE
0,016	0,306	0,001	0,013	0,020	FALSE
0,035	0,299	0,002	0,013	0,055	FALSE
0,029	0,309	0,002	0,013	0,044	FALSE
-0,087	0,324	-0,004	0,013	0,125	FALSE
-0,025	0,306	0,000	0,008	0,007	FALSE
0,019	0,293	0,000	0,006	0,017	FALSE
0,093	0,309	0,002	0,009	0,104	FALSE
-0,014	0,292	0,000	0,012	0,001	FALSE
0,007	0,298	0,000	0,010	0,008	FALSE

-0,003	0,312	0,000	0,010	0,012	FALSE
-0,079	0,309	-0,002	0,007	0,088	FALSE
-0,015	0,299	-0,001	0,006	0,036	FALSE
0,069	0,300	0,002	0,007	0,082	FALSE
-0,016	0,311	0,000	0,013	0,012	FALSE
-0,010	0,310	0,000	0,008	0,002	FALSE
-0,071	0,303	-0,002	0,012	0,067	FALSE
0,014	0,321	0,001	0,011	0,039	FALSE
0,107	0,313	0,004	0,013	0,125	FALSE
-0,183	0,300	-0,008	0,012	0,281	FALSE
-0,016	0,299	-0,001	0,013	0,030	FALSE
-0,025	0,307	-0,001	0,013	0,040	FALSE
0,023	0,302	0,002	0,013	0,046	FALSE
0,132	0,285	0,004	0,009	0,182	FALSE
-0,097	0,302	-0,004	0,010	0,146	FALSE
-0,034	0,303	0,000	0,008	0,006	FALSE
0,053	0,301	0,002	0,012	0,077	FALSE
0,067	0,309	0,003	0,012	0,086	FALSE
0,061	0,310	0,003	0,012	0,082	FALSE
0,028	0,300	0,001	0,007	0,053	FALSE
0,096	0,300	0,003	0,010	0,117	FALSE
0,060	0,309	0,002	0,007	0,098	FALSE
0,054	0,300	0,002	0,008	0,074	FALSE
0,065	0,298	0,002	0,008	0,079	FALSE
0,052	0,304	0,002	0,008	0,074	FALSE
-0,042	0,311	-0,001	0,007	0,060	FALSE
0,231	0,291	0,008	0,011	0,344	FALSE
-0,179	0,297	-0,006	0,009	0,264	FALSE
0,021	0,314	0,000	0,012	0,004	FALSE
-0,020	0,315	0,000	0,009	0,012	FALSE
0,042	0,300	0,001	0,009	0,057	FALSE
-0,070	0,313	-0,002	0,011	0,079	FALSE
-0,051	0,299	-0,003	0,012	0,109	FALSE
-0,013	0,309	-0,002	0,013	0,052	FALSE
0,118	0,302	0,005	0,011	0,189	FALSE
-0,006	0,308	-0,002	0,013	0,044	FALSE
0,011	0,308	-0,001	0,013	0,014	FALSE
-0,022	0,309	-0,002	0,013	0,058	FALSE
0,018	0,309	0,001	0,008	0,036	FALSE
0,108	0,303	0,004	0,010	0,137	FALSE
0,019	0,292	0,001	0,013	0,040	FALSE
0,065	0,316	0,003	0,013	0,093	FALSE
-0,030	0,309	0,000	0,007	0,026	FALSE
-0,128	0,297	-0,006	0,012	0,198	FALSE
0,010	0,301	0,000	0,008	0,021	FALSE
-0,155	0,288	-0,004	0,008	0,234	FALSE
0,168	0,298	0,005	0,009	0,246	FALSE
0,004	0,317	0,000	0,013	0,013	FALSE
-0,104	0,310	-0,003	0,011	0,117	FALSE
-0,047	0,306	-0,003	0,013	0,074	FALSE
-0,064	0,308	-0,003	0,011	0,090	FALSE
-0,064	0,311	-0,003	0,010	0,102	FALSE
-0,020	0,314	0,000	0,007	0,009	FALSE

0,076	0,302	0,003	0,011	0,099	FALSE
-0,131	0,317	-0,005	0,011	0,195	FALSE
-0,034	0,304	-0,001	0,011	0,047	FALSE
0,031	0,298	0,002	0,010	0,054	FALSE
-0,001	0,308	0,001	0,011	0,021	FALSE
-0,009	0,316	0,000	0,012	0,011	FALSE
0,015	0,306	0,001	0,013	0,028	FALSE
-0,076	0,316	-0,004	0,013	0,109	FALSE
-0,112	0,308	-0,005	0,012	0,180	FALSE
0,029	0,307	0,000	0,010	0,012	FALSE
-0,106	0,305	-0,005	0,012	0,192	FALSE
-0,033	0,296	0,000	0,010	0,010	FALSE
0,121	0,299	0,003	0,007	0,157	FALSE
0,107	0,300	0,003	0,007	0,145	FALSE
0,082	0,307	0,002	0,008	0,104	FALSE
0,122	0,304	0,003	0,008	0,167	FALSE
0,116	0,313	0,003	0,008	0,161	FALSE
0,103	0,309	0,003	0,008	0,127	FALSE
-0,043	0,306	-0,001	0,007	0,038	FALSE
-0,015	0,300	0,000	0,010	0,001	FALSE
0,105	0,320	0,002	0,007	0,133	FALSE
-0,197	0,323	-0,008	0,013	0,274	FALSE
-0,112	0,315	-0,004	0,011	0,163	FALSE
-0,088	0,299	-0,002	0,008	0,113	FALSE
0,096	0,300	0,003	0,008	0,149	FALSE
0,145	0,308	0,004	0,008	0,210	FALSE
-0,152	0,306	-0,005	0,008	0,236	FALSE
-0,069	0,302	-0,002	0,007	0,112	FALSE
-0,072	0,297	-0,002	0,006	0,106	FALSE
0,060	0,322	0,001	0,007	0,066	FALSE
0,040	0,297	0,001	0,006	0,036	FALSE
0,034	0,311	0,002	0,012	0,055	FALSE
0,083	0,306	0,004	0,013	0,126	FALSE
-0,034	0,313	-0,001	0,012	0,041	FALSE
-0,044	0,306	-0,002	0,012	0,070	FALSE
0,069	0,293	0,002	0,012	0,065	FALSE
-0,001	0,312	0,000	0,007	0,006	FALSE
0,013	0,296	0,001	0,008	0,039	FALSE
-0,033	0,307	0,000	0,012	0,013	FALSE
-0,035	0,303	0,000	0,012	0,012	FALSE
-0,073	0,308	-0,004	0,013	0,135	FALSE
-0,084	0,309	-0,005	0,013	0,143	FALSE
0,095	0,292	0,004	0,012	0,133	FALSE
-0,058	0,313	-0,002	0,009	0,066	FALSE
0,022	0,309	0,001	0,009	0,036	FALSE
-0,055	0,294	-0,001	0,008	0,056	FALSE
0,012	0,311	0,001	0,011	0,018	FALSE
0,004	0,301	0,001	0,009	0,023	FALSE
0,094	0,301	0,003	0,009	0,148	FALSE
0,119	0,319	0,004	0,009	0,177	FALSE
-0,034	0,303	-0,001	0,008	0,043	FALSE
0,002	0,303	0,000	0,010	0,007	FALSE
-0,003	0,309	0,000	0,011	0,003	FALSE

0,021	0,320	0,001	0,010	0,021	FALSE
-0,072	0,303	-0,002	0,008	0,087	FALSE
-0,004	0,316	0,000	0,008	0,002	FALSE
-0,040	0,294	-0,001	0,007	0,058	FALSE
0,033	0,298	0,001	0,013	0,043	FALSE
-0,003	0,332	0,000	0,013	0,005	FALSE
0,040	0,299	0,001	0,007	0,066	FALSE
0,023	0,307	0,000	0,013	0,010	FALSE
-0,073	0,302	-0,002	0,009	0,082	FALSE
-0,055	0,311	-0,002	0,007	0,080	FALSE
-0,030	0,307	-0,001	0,007	0,047	FALSE
-0,019	0,315	0,000	0,013	0,007	FALSE
0,113	0,305	0,002	0,007	0,140	FALSE
0,110	0,301	0,002	0,006	0,143	FALSE
0,049	0,307	0,001	0,012	0,041	FALSE
0,036	0,307	0,001	0,013	0,025	FALSE
0,081	0,313	0,001	0,006	0,076	FALSE
-0,019	0,290	0,000	0,008	0,013	FALSE
0,083	0,325	0,003	0,014	0,086	FALSE
-0,102	0,302	-0,003	0,010	0,117	FALSE
-0,051	0,301	-0,002	0,011	0,051	FALSE
-0,039	0,305	-0,001	0,012	0,043	FALSE
0,023	0,299	0,001	0,008	0,055	FALSE
0,079	0,315	0,003	0,013	0,090	FALSE
-0,046	0,316	-0,001	0,007	0,041	FALSE
0,028	0,316	0,001	0,007	0,057	FALSE
0,013	0,317	0,001	0,010	0,020	FALSE
-0,090	0,303	-0,003	0,012	0,107	FALSE
0,085	0,309	0,002	0,007	0,087	FALSE
0,084	0,297	0,002	0,007	0,091	FALSE
-0,002	0,308	0,000	0,010	0,005	FALSE
0,000	0,300	0,000	0,009	0,010	FALSE
-0,063	0,306	-0,002	0,008	0,069	FALSE
-0,140	0,314	-0,006	0,013	0,199	FALSE
0,213	0,294	0,008	0,010	0,348	FALSE
0,153	0,309	0,006	0,011	0,216	FALSE
-0,048	0,302	-0,002	0,009	0,084	FALSE
0,092	0,312	0,002	0,007	0,097	FALSE
0,099	0,310	0,002	0,007	0,108	FALSE
0,081	0,308	0,002	0,007	0,084	FALSE
0,116	0,318	0,002	0,007	0,128	FALSE
-0,073	0,307	-0,002	0,006	0,100	FALSE
-0,154	0,312	-0,006	0,012	0,211	FALSE
-0,141	0,316	-0,006	0,012	0,190	FALSE
0,041	0,321	0,001	0,007	0,067	FALSE
-0,115	0,288	-0,003	0,006	0,178	FALSE
-0,057	0,310	-0,003	0,013	0,098	FALSE
-0,072	0,311	-0,003	0,012	0,115	FALSE
-0,110	0,304	-0,003	0,009	0,131	FALSE
0,025	0,306	0,001	0,012	0,042	FALSE
-0,044	0,304	-0,002	0,009	0,066	FALSE
0,033	0,305	0,001	0,007	0,049	FALSE
-0,139	0,303	-0,006	0,013	0,196	FALSE

-0,138	0,303	-0,005	0,011	0,174	FALSE
0,039	0,311	0,002	0,010	0,059	FALSE
-0,002	0,317	0,000	0,012	0,005	FALSE
-0,027	0,307	-0,001	0,008	0,034	FALSE
-0,016	0,294	-0,001	0,011	0,019	FALSE
-0,057	0,303	-0,002	0,009	0,067	FALSE
0,079	0,303	0,003	0,013	0,099	FALSE
0,088	0,306	0,002	0,007	0,105	FALSE
0,116	0,311	0,003	0,008	0,145	FALSE
0,194	0,297	0,005	0,008	0,279	FALSE
-0,089	0,308	-0,002	0,007	0,121	FALSE
0,114	0,315	0,003	0,008	0,187	FALSE
-0,011	0,315	0,000	0,007	0,016	FALSE
0,055	0,307	0,003	0,009	0,114	FALSE
0,015	0,322	0,001	0,008	0,037	FALSE
0,097	0,307	0,002	0,008	0,108	FALSE
-0,001	0,301	0,000	0,009	0,020	FALSE
0,219	0,292	0,007	0,010	0,330	FALSE
-0,050	0,309	-0,001	0,010	0,032	FALSE
-0,070	0,303	-0,002	0,010	0,073	FALSE
-0,084	0,303	-0,003	0,013	0,103	FALSE
0,007	0,296	0,000	0,009	0,005	FALSE
-0,154	0,310	-0,007	0,013	0,217	FALSE
0,008	0,302	0,000	0,008	0,008	FALSE
0,048	0,295	0,001	0,009	0,048	FALSE
-0,123	0,295	-0,004	0,013	0,125	FALSE
0,093	0,308	0,002	0,007	0,089	FALSE
0,013	0,317	0,000	0,007	0,019	FALSE
-0,069	0,305	-0,002	0,008	0,086	FALSE
0,050	0,315	0,001	0,011	0,039	FALSE
-0,170	0,297	-0,003	0,007	0,208	FALSE
-0,085	0,284	-0,002	0,006	0,138	FALSE
-0,049	0,316	-0,003	0,012	0,081	FALSE
0,005	0,297	0,001	0,008	0,043	FALSE
0,110	0,298	0,003	0,007	0,171	FALSE
-0,110	0,304	-0,004	0,011	0,169	FALSE
0,043	0,301	0,002	0,012	0,054	FALSE
-0,058	0,297	-0,002	0,009	0,068	FALSE
0,143	0,292	0,004	0,007	0,230	FALSE
0,128	0,306	0,004	0,010	0,156	FALSE
0,045	0,302	0,003	0,012	0,077	FALSE
0,048	0,306	0,001	0,007	0,044	FALSE
0,115	0,308	0,005	0,011	0,172	FALSE
0,059	0,316	0,001	0,008	0,066	FALSE
0,128	0,310	0,004	0,009	0,178	FALSE
-0,064	0,294	-0,003	0,012	0,081	FALSE
-0,058	0,309	-0,002	0,011	0,076	FALSE
0,073	0,302	0,002	0,011	0,074	FALSE
0,059	0,307	0,001	0,008	0,056	FALSE
0,105	0,304	0,002	0,010	0,093	FALSE
0,146	0,303	0,004	0,008	0,211	FALSE
0,011	0,310	0,001	0,011	0,042	FALSE
-0,022	0,316	-0,002	0,013	0,046	FALSE

0,024	0,313	0,000	0,012	0,014	FALSE
-0,107	0,310	-0,005	0,013	0,163	FALSE
0,069	0,320	0,003	0,013	0,076	FALSE
0,061	0,308	0,003	0,012	0,086	FALSE
0,000	0,309	0,001	0,008	0,027	FALSE
0,020	0,311	0,001	0,010	0,051	FALSE
0,035	0,309	0,000	0,008	0,020	FALSE
0,099	0,305	0,003	0,007	0,145	FALSE
0,062	0,310	0,001	0,007	0,054	FALSE
0,079	0,311	0,001	0,007	0,080	FALSE
-0,042	0,318	-0,001	0,011	0,034	FALSE
0,042	0,315	0,001	0,011	0,046	FALSE
0,052	0,313	0,002	0,011	0,068	FALSE
0,074	0,308	0,002	0,007	0,097	FALSE
-0,045	0,315	-0,001	0,009	0,055	FALSE
0,097	0,298	0,003	0,007	0,143	FALSE
0,094	0,316	0,003	0,008	0,131	FALSE
-0,056	0,298	-0,001	0,007	0,075	FALSE
-0,077	0,315	-0,002	0,008	0,107	FALSE
0,109	0,303	0,004	0,010	0,143	FALSE
-0,095	0,306	-0,002	0,007	0,104	FALSE
0,089	0,300	0,003	0,007	0,147	FALSE
-0,028	0,306	-0,001	0,007	0,027	FALSE
-0,080	0,316	-0,002	0,007	0,092	FALSE
0,073	0,306	0,003	0,012	0,087	FALSE
0,036	0,318	0,000	0,013	0,007	FALSE
-0,019	0,308	0,000	0,012	0,000	FALSE
0,162	0,308	0,004	0,008	0,247	FALSE
0,000	0,307	0,000	0,006	0,012	FALSE
0,126	0,302	0,003	0,008	0,162	FALSE
0,112	0,314	0,003	0,009	0,148	FALSE
-0,096	0,308	-0,004	0,011	0,133	FALSE
0,107	0,319	0,003	0,007	0,178	FALSE
-0,057	0,297	-0,002	0,007	0,088	FALSE
-0,028	0,298	0,000	0,008	0,009	FALSE
-0,072	0,313	-0,002	0,010	0,062	FALSE
-0,064	0,305	-0,003	0,012	0,081	FALSE
-0,050	0,315	-0,002	0,013	0,051	FALSE
0,057	0,313	0,001	0,010	0,046	FALSE
0,019	0,317	0,000	0,011	0,013	FALSE
0,000	0,299	-0,001	0,013	0,029	FALSE
-0,155	0,308	-0,003	0,007	0,198	FALSE
-0,117	0,311	-0,002	0,007	0,141	FALSE
0,000	0,294	0,000	0,012	0,005	FALSE
-0,092	0,319	-0,002	0,008	0,105	FALSE
0,080	0,307	0,003	0,011	0,108	FALSE
0,095	0,296	0,003	0,011	0,129	FALSE
-0,065	0,303	-0,001	0,007	0,045	FALSE
0,148	0,318	0,004	0,008	0,195	FALSE
-0,068	0,301	-0,002	0,011	0,075	FALSE
0,020	0,310	0,001	0,012	0,015	FALSE
-0,054	0,318	-0,002	0,011	0,058	FALSE
0,146	0,292	0,005	0,010	0,195	FALSE

0,115	0,311	0,003	0,008	0,164	FALSE
-0,037	0,312	0,000	0,007	0,011	FALSE
0,044	0,289	0,001	0,007	0,037	FALSE
0,105	0,319	0,004	0,011	0,138	FALSE
-0,011	0,305	-0,001	0,008	0,024	FALSE
0,066	0,299	0,001	0,008	0,047	FALSE
0,065	0,286	0,002	0,008	0,079	FALSE
0,064	0,317	0,002	0,009	0,088	FALSE
0,123	0,306	0,004	0,011	0,149	FALSE
0,122	0,307	0,004	0,010	0,175	FALSE
0,054	0,309	0,003	0,012	0,094	FALSE
-0,072	0,301	-0,002	0,007	0,098	FALSE
0,010	0,302	0,001	0,011	0,030	FALSE
-0,040	0,315	-0,002	0,011	0,075	FALSE
-0,101	0,306	-0,002	0,008	0,115	FALSE
0,028	0,309	0,001	0,012	0,021	FALSE
0,044	0,313	0,002	0,008	0,096	FALSE
0,069	0,294	0,002	0,011	0,064	FALSE
0,128	0,297	0,004	0,011	0,139	FALSE
0,061	0,296	0,002	0,010	0,073	FALSE
-0,053	0,302	-0,002	0,012	0,050	FALSE
-0,040	0,313	-0,001	0,008	0,053	FALSE
-0,069	0,309	-0,002	0,010	0,072	FALSE
-0,106	0,303	-0,003	0,010	0,113	FALSE
-0,008	0,304	0,000	0,008	0,011	FALSE
-0,047	0,313	-0,003	0,012	0,080	FALSE
-0,040	0,292	-0,002	0,009	0,077	FALSE
-0,009	0,316	0,000	0,010	0,003	FALSE
-0,095	0,294	-0,004	0,012	0,145	FALSE
0,029	0,308	0,001	0,007	0,053	FALSE
-0,050	0,295	-0,001	0,013	0,040	FALSE
0,010	0,317	0,000	0,009	0,004	FALSE
-0,094	0,319	-0,004	0,012	0,145	FALSE
-0,083	0,304	-0,002	0,007	0,111	FALSE
0,061	0,303	0,001	0,007	0,071	FALSE
-0,014	0,302	0,000	0,010	0,011	FALSE
0,064	0,317	0,002	0,008	0,086	FALSE
0,080	0,298	0,003	0,011	0,110	FALSE
0,117	0,308	0,003	0,006	0,183	FALSE
0,083	0,296	0,002	0,007	0,127	FALSE
0,071	0,295	0,003	0,008	0,133	FALSE
-0,026	0,321	-0,001	0,009	0,028	FALSE
0,100	0,303	0,003	0,011	0,099	FALSE
-0,023	0,311	0,000	0,009	0,019	FALSE
0,014	0,315	0,001	0,012	0,039	FALSE
0,054	0,299	0,002	0,007	0,104	FALSE
0,012	0,306	0,002	0,013	0,053	FALSE
-0,038	0,311	0,000	0,009	0,014	FALSE
0,053	0,301	0,003	0,010	0,093	FALSE
0,012	0,313	0,001	0,009	0,039	FALSE
0,164	0,306	0,004	0,007	0,235	FALSE
-0,058	0,308	-0,003	0,012	0,096	FALSE
0,110	0,294	0,004	0,011	0,162	FALSE

0,032	0,303	0,001	0,012	0,022	FALSE
-0,028	0,299	-0,001	0,007	0,029	FALSE
-0,037	0,307	-0,001	0,007	0,051	FALSE
-0,104	0,313	-0,003	0,009	0,138	FALSE
0,012	0,308	0,000	0,007	0,010	FALSE
-0,060	0,299	-0,003	0,012	0,089	FALSE
-0,080	0,294	-0,003	0,008	0,123	FALSE
0,113	0,318	0,004	0,009	0,176	FALSE
-0,063	0,300	-0,001	0,007	0,065	FALSE
0,137	0,303	0,006	0,013	0,193	FALSE
-0,042	0,316	-0,001	0,008	0,039	FALSE
-0,156	0,305	-0,004	0,007	0,210	FALSE
-0,057	0,321	-0,002	0,011	0,082	FALSE
-0,064	0,321	-0,002	0,010	0,094	FALSE
0,024	0,304	0,001	0,011	0,022	FALSE
0,090	0,316	0,004	0,012	0,119	FALSE
0,024	0,313	0,001	0,010	0,030	FALSE
-0,113	0,312	-0,004	0,013	0,135	FALSE
-0,115	0,314	-0,005	0,013	0,147	FALSE
0,090	0,309	0,003	0,013	0,103	FALSE
0,044	0,309	0,001	0,007	0,041	FALSE
0,045	0,307	0,001	0,007	0,053	FALSE
-0,030	0,312	-0,001	0,009	0,050	FALSE
-0,088	0,294	-0,004	0,011	0,156	FALSE
-0,091	0,309	-0,004	0,011	0,166	FALSE
-0,097	0,291	-0,005	0,011	0,170	FALSE
-0,058	0,299	-0,002	0,007	0,083	FALSE
-0,034	0,299	-0,002	0,009	0,066	FALSE
-0,074	0,295	-0,003	0,009	0,120	FALSE
-0,085	0,296	-0,004	0,011	0,130	FALSE
-0,060	0,302	-0,003	0,010	0,100	FALSE
-0,091	0,319	-0,003	0,011	0,090	FALSE
-0,033	0,304	-0,001	0,009	0,055	FALSE
-0,043	0,314	-0,003	0,012	0,080	FALSE
-0,005	0,304	-0,001	0,012	0,028	FALSE
-0,132	0,312	-0,004	0,011	0,158	FALSE
-0,076	0,298	-0,002	0,010	0,097	FALSE
0,117	0,310	0,005	0,012	0,161	FALSE
0,035	0,306	0,001	0,007	0,028	FALSE
0,040	0,302	0,001	0,007	0,041	FALSE
0,063	0,313	0,001	0,007	0,058	FALSE
0,043	0,311	0,001	0,010	0,020	FALSE
0,055	0,300	0,001	0,010	0,044	FALSE
0,069	0,318	0,001	0,010	0,052	FALSE
-0,023	0,320	0,000	0,010	0,011	FALSE
0,001	0,315	0,001	0,010	0,020	FALSE
0,110	0,307	0,004	0,011	0,125	FALSE
0,087	0,306	0,003	0,009	0,132	FALSE
0,096	0,309	0,003	0,012	0,116	FALSE
0,033	0,324	0,002	0,013	0,051	FALSE
-0,068	0,315	-0,003	0,012	0,101	FALSE
0,094	0,300	0,004	0,010	0,145	FALSE
0,040	0,312	0,002	0,012	0,049	FALSE

0,057	0,317	0,001	0,008	0,051	FALSE
-0,072	0,313	-0,003	0,010	0,104	FALSE
0,032	0,305	0,001	0,007	0,054	FALSE
0,056	0,310	0,002	0,011	0,057	FALSE
0,040	0,298	0,001	0,008	0,048	FALSE
-0,014	0,295	0,000	0,007	0,019	FALSE
0,036	0,298	0,001	0,009	0,044	FALSE
-0,026	0,299	0,000	0,007	0,018	FALSE
0,173	0,290	0,006	0,010	0,239	FALSE
0,136	0,303	0,006	0,013	0,182	FALSE
-0,040	0,317	-0,001	0,009	0,044	FALSE
0,096	0,306	0,003	0,010	0,123	FALSE
-0,108	0,312	-0,004	0,010	0,140	FALSE
0,087	0,303	0,003	0,013	0,074	FALSE
-0,023	0,309	0,000	0,009	0,016	FALSE
0,171	0,304	0,004	0,008	0,233	FALSE
-0,068	0,296	-0,002	0,009	0,107	FALSE
-0,105	0,304	-0,004	0,012	0,145	FALSE
0,001	0,302	0,000	0,010	0,014	FALSE
-0,006	0,314	0,000	0,009	0,011	FALSE
0,023	0,302	0,001	0,009	0,047	FALSE
0,125	0,296	0,003	0,008	0,164	FALSE
-0,127	0,317	-0,004	0,010	0,142	FALSE
0,021	0,314	0,000	0,013	0,001	FALSE
-0,020	0,312	0,000	0,007	0,003	FALSE
-0,042	0,319	-0,001	0,008	0,049	FALSE
0,038	0,311	0,001	0,009	0,049	FALSE
-0,029	0,310	-0,002	0,013	0,055	FALSE
0,108	0,306	0,003	0,007	0,169	FALSE
0,055	0,315	0,001	0,011	0,050	FALSE
0,067	0,333	0,002	0,011	0,077	FALSE
-0,052	0,309	-0,002	0,012	0,067	FALSE
-0,081	0,301	-0,004	0,013	0,126	FALSE
-0,026	0,312	-0,001	0,007	0,050	FALSE
-0,018	0,302	-0,001	0,007	0,056	FALSE
0,022	0,300	0,001	0,007	0,031	FALSE
0,045	0,308	0,001	0,008	0,041	FALSE
0,006	0,307	0,000	0,013	0,005	FALSE
0,024	0,305	0,001	0,007	0,043	FALSE
0,026	0,315	0,001	0,008	0,058	FALSE
0,042	0,314	0,002	0,009	0,079	FALSE
0,082	0,309	0,002	0,008	0,088	FALSE
-0,108	0,319	-0,002	0,009	0,110	FALSE
0,022	0,292	0,000	0,010	0,002	FALSE
-0,067	0,315	-0,004	0,013	0,103	FALSE
0,097	0,302	0,002	0,008	0,122	FALSE
0,100	0,302	0,004	0,011	0,137	FALSE
-0,128	0,302	-0,004	0,008	0,190	FALSE
-0,049	0,308	-0,002	0,012	0,064	FALSE
-0,044	0,298	-0,001	0,009	0,040	FALSE
-0,042	0,301	-0,001	0,010	0,044	FALSE
-0,045	0,289	-0,001	0,006	0,043	FALSE
0,062	0,315	0,002	0,013	0,066	FALSE

-0,010	0,299	-0,001	0,007	0,031	FALSE
-0,085	0,319	-0,004	0,013	0,115	FALSE
0,078	0,311	0,003	0,010	0,107	FALSE
0,059	0,294	0,002	0,009	0,103	FALSE
-0,160	0,298	-0,007	0,012	0,243	FALSE
0,044	0,294	0,001	0,007	0,065	FALSE
0,045	0,308	0,001	0,008	0,044	FALSE
0,012	0,314	0,001	0,011	0,019	FALSE
0,096	0,299	0,002	0,008	0,111	FALSE
-0,054	0,285	-0,002	0,010	0,074	FALSE
-0,054	0,328	-0,002	0,009	0,063	FALSE
0,080	0,291	0,003	0,009	0,112	FALSE
-0,020	0,298	-0,001	0,008	0,041	FALSE
0,083	0,311	0,002	0,009	0,099	FALSE
0,046	0,292	0,002	0,010	0,091	FALSE
0,024	0,305	0,000	0,010	0,008	FALSE
-0,024	0,302	-0,001	0,011	0,038	FALSE
0,027	0,294	0,001	0,009	0,053	FALSE
-0,020	0,307	-0,001	0,012	0,042	FALSE
-0,040	0,304	-0,001	0,008	0,025	FALSE
0,182	0,307	0,005	0,009	0,270	FALSE
-0,120	0,321	-0,003	0,007	0,150	FALSE
0,092	0,313	0,001	0,007	0,081	FALSE
-0,106	0,295	-0,002	0,006	0,150	FALSE
-0,047	0,300	-0,002	0,009	0,065	FALSE
-0,078	0,319	-0,004	0,013	0,103	FALSE
-0,009	0,311	0,000	0,012	0,007	FALSE
-0,015	0,311	-0,001	0,012	0,024	FALSE
-0,092	0,303	-0,002	0,007	0,120	FALSE
-0,019	0,316	-0,001	0,012	0,022	FALSE
-0,152	0,300	-0,004	0,007	0,239	FALSE
0,021	0,310	0,001	0,009	0,026	FALSE
-0,046	0,307	-0,002	0,010	0,080	FALSE
-0,007	0,298	0,000	0,009	0,014	FALSE
0,032	0,307	0,001	0,013	0,028	FALSE
0,129	0,306	0,004	0,009	0,176	FALSE
-0,031	0,311	-0,001	0,011	0,028	FALSE
0,042	0,302	0,002	0,010	0,083	FALSE
0,050	0,298	0,001	0,012	0,035	FALSE
0,078	0,307	0,002	0,008	0,118	FALSE
-0,099	0,296	-0,004	0,010	0,182	FALSE
-0,058	0,301	-0,002	0,012	0,059	FALSE
-0,074	0,303	-0,004	0,013	0,132	FALSE
0,017	0,309	0,001	0,010	0,051	FALSE
0,039	0,311	0,001	0,012	0,039	FALSE
-0,053	0,305	-0,002	0,008	0,079	FALSE
-0,117	0,304	-0,004	0,013	0,117	FALSE
-0,017	0,307	0,000	0,007	0,019	FALSE
-0,003	0,300	0,000	0,009	0,005	FALSE
-0,024	0,316	0,000	0,009	0,014	FALSE
-0,061	0,320	-0,002	0,010	0,097	FALSE
0,042	0,305	0,001	0,007	0,066	FALSE
-0,070	0,318	-0,003	0,012	0,108	FALSE

0,113	0,312	0,006	0,013	0,180	TRUE
0,037	0,305	0,003	0,013	0,075	FALSE
0,032	0,293	0,001	0,006	0,044	FALSE
-0,089	0,300	-0,002	0,009	0,089	FALSE
-0,031	0,295	-0,001	0,013	0,021	FALSE
0,047	0,310	0,002	0,011	0,068	FALSE
0,054	0,305	0,002	0,011	0,074	FALSE
0,071	0,296	0,002	0,008	0,091	FALSE
0,017	0,303	0,000	0,009	0,012	FALSE
-0,077	0,312	-0,004	0,013	0,112	FALSE
0,035	0,297	0,001	0,012	0,046	FALSE
0,036	0,296	0,001	0,011	0,043	FALSE
-0,118	0,308	-0,005	0,013	0,148	FALSE
-0,133	0,316	-0,006	0,012	0,196	FALSE
-0,075	0,297	-0,002	0,007	0,114	FALSE
0,129	0,298	0,006	0,013	0,183	FALSE
0,033	0,308	0,001	0,012	0,027	FALSE
0,010	0,295	0,000	0,010	0,006	FALSE
0,054	0,304	0,002	0,012	0,075	FALSE
-0,173	0,294	-0,004	0,006	0,311	FALSE
-0,118	0,309	-0,005	0,011	0,172	FALSE
-0,008	0,306	-0,001	0,010	0,029	FALSE
0,147	0,312	0,004	0,008	0,210	FALSE
0,159	0,312	0,004	0,009	0,213	FALSE
0,008	0,309	0,001	0,011	0,028	FALSE
0,000	0,304	-0,001	0,010	0,019	FALSE
0,073	0,316	0,002	0,010	0,093	FALSE
-0,044	0,306	-0,001	0,013	0,042	FALSE
0,133	0,309	0,005	0,010	0,224	FALSE
0,069	0,303	0,003	0,009	0,116	FALSE
-0,063	0,300	-0,002	0,007	0,097	FALSE
-0,036	0,290	-0,001	0,009	0,049	FALSE
0,122	0,298	0,003	0,007	0,194	FALSE
0,117	0,303	0,004	0,009	0,163	FALSE
0,077	0,304	0,002	0,012	0,061	FALSE
-0,072	0,306	-0,002	0,007	0,095	FALSE
-0,041	0,308	-0,001	0,010	0,038	FALSE
0,023	0,310	0,000	0,007	0,026	FALSE
0,061	0,300	0,001	0,009	0,051	FALSE
-0,030	0,326	-0,001	0,012	0,041	FALSE
-0,076	0,303	-0,002	0,010	0,086	FALSE
-0,045	0,304	-0,001	0,006	0,052	FALSE
-0,025	0,305	-0,001	0,011	0,037	FALSE
0,154	0,307	0,006	0,012	0,197	FALSE
-0,084	0,304	-0,002	0,010	0,081	FALSE
-0,045	0,320	-0,001	0,007	0,038	FALSE
0,059	0,306	0,003	0,013	0,082	FALSE
0,105	0,311	0,003	0,010	0,121	FALSE
0,139	0,298	0,005	0,011	0,198	FALSE
-0,006	0,320	0,000	0,008	0,002	FALSE
0,081	0,308	0,002	0,008	0,093	FALSE
-0,106	0,304	-0,005	0,012	0,159	FALSE
-0,101	0,312	-0,005	0,013	0,150	FALSE

0,115	0,314	0,005	0,012	0,158	FALSE
0,077	0,303	0,004	0,012	0,111	FALSE
0,043	0,312	0,001	0,013	0,032	FALSE
-0,058	0,311	-0,002	0,012	0,065	FALSE
-0,058	0,310	-0,003	0,013	0,085	FALSE
0,166	0,297	0,007	0,012	0,237	FALSE
-0,053	0,302	-0,002	0,012	0,073	FALSE
-0,115	0,297	-0,005	0,011	0,179	FALSE
-0,078	0,294	-0,003	0,012	0,104	FALSE
0,059	0,304	0,002	0,008	0,072	FALSE
0,088	0,295	0,004	0,012	0,121	FALSE
-0,039	0,306	-0,002	0,012	0,058	FALSE
-0,006	0,305	0,000	0,011	0,012	FALSE
-0,045	0,309	-0,001	0,007	0,052	FALSE
-0,017	0,304	-0,001	0,013	0,023	FALSE
-0,192	0,302	-0,009	0,013	0,315	FALSE
0,117	0,306	0,005	0,011	0,180	FALSE
0,090	0,311	0,004	0,012	0,129	FALSE
0,116	0,314	0,005	0,012	0,159	FALSE
-0,132	0,292	-0,004	0,011	0,155	FALSE
0,077	0,309	0,003	0,012	0,106	FALSE
-0,120	0,318	-0,003	0,007	0,151	FALSE
0,103	0,319	0,004	0,012	0,135	FALSE
-0,161	0,307	-0,004	0,007	0,222	FALSE
-0,112	0,325	-0,002	0,007	0,134	FALSE
0,122	0,307	0,005	0,012	0,182	FALSE
-0,032	0,293	-0,002	0,012	0,080	FALSE
0,007	0,313	0,000	0,010	0,007	FALSE
0,024	0,300	0,001	0,009	0,027	FALSE
-0,108	0,300	-0,003	0,011	0,123	FALSE
0,035	0,294	0,001	0,006	0,045	FALSE
0,022	0,319	0,001	0,008	0,033	FALSE
-0,002	0,318	-0,001	0,013	0,019	FALSE
-0,137	0,285	-0,003	0,007	0,179	FALSE
-0,010	0,297	0,000	0,006	0,013	FALSE
0,042	0,311	0,001	0,008	0,045	FALSE
-0,139	0,311	-0,004	0,009	0,160	FALSE
0,085	0,309	0,002	0,008	0,090	FALSE
-0,032	0,308	-0,001	0,013	0,041	FALSE
0,086	0,305	0,002	0,009	0,098	FALSE
0,070	0,304	0,003	0,012	0,097	FALSE
0,054	0,297	0,001	0,009	0,060	FALSE
-0,101	0,305	-0,004	0,011	0,136	FALSE
-0,069	0,303	-0,002	0,008	0,095	FALSE
-0,101	0,308	-0,004	0,009	0,148	FALSE
0,012	0,303	0,000	0,009	0,010	FALSE
0,035	0,285	0,002	0,009	0,075	FALSE
0,077	0,309	0,002	0,007	0,108	FALSE
0,070	0,297	0,003	0,012	0,081	FALSE
0,034	0,301	0,001	0,009	0,047	FALSE
-0,002	0,285	0,000	0,009	0,016	FALSE
-0,072	0,299	-0,002	0,011	0,082	FALSE
0,070	0,297	0,002	0,007	0,078	FALSE

-0,080	0,304	-0,002	0,008	0,080	FALSE
0,094	0,299	0,003	0,011	0,089	FALSE
-0,090	0,306	-0,002	0,008	0,094	FALSE
-0,030	0,302	-0,001	0,013	0,035	FALSE
0,038	0,305	0,000	0,008	0,017	FALSE
-0,052	0,299	-0,002	0,009	0,089	FALSE
-0,049	0,301	-0,002	0,009	0,070	FALSE
-0,093	0,302	-0,003	0,008	0,129	FALSE
0,106	0,303	0,004	0,011	0,145	FALSE
-0,054	0,310	-0,002	0,008	0,074	FALSE
0,089	0,303	0,004	0,012	0,124	FALSE
-0,074	0,295	-0,002	0,008	0,092	FALSE
-0,167	0,305	-0,006	0,012	0,237	FALSE
-0,088	0,296	-0,001	0,007	0,074	FALSE
-0,028	0,314	0,000	0,009	0,019	FALSE
0,000	0,321	0,000	0,010	0,013	FALSE
0,053	0,329	0,002	0,010	0,082	FALSE
0,113	0,302	0,003	0,006	0,177	FALSE
0,123	0,313	0,003	0,006	0,178	FALSE
0,075	0,320	0,003	0,011	0,106	FALSE
-0,053	0,312	-0,001	0,009	0,043	FALSE
0,046	0,319	0,002	0,013	0,054	FALSE
-0,021	0,311	-0,001	0,012	0,026	FALSE
0,075	0,307	0,002	0,007	0,096	FALSE
-0,054	0,305	-0,003	0,011	0,093	FALSE
0,070	0,318	0,003	0,012	0,095	FALSE
-0,004	0,304	0,000	0,013	0,013	FALSE
0,030	0,321	0,001	0,013	0,035	FALSE
-0,008	0,310	0,000	0,010	0,013	FALSE
0,043	0,315	0,002	0,013	0,044	FALSE
-0,125	0,299	-0,003	0,008	0,178	FALSE
-0,105	0,301	-0,003	0,009	0,137	FALSE
-0,002	0,309	0,000	0,013	0,009	FALSE
-0,073	0,303	-0,004	0,012	0,140	FALSE
0,003	0,313	0,001	0,012	0,031	FALSE
0,041	0,316	0,002	0,013	0,072	FALSE
-0,067	0,294	-0,003	0,012	0,107	FALSE
-0,058	0,299	-0,001	0,008	0,065	FALSE
-0,003	0,307	-0,001	0,010	0,035	FALSE
0,003	0,298	-0,001	0,010	0,031	FALSE
-0,101	0,303	-0,003	0,007	0,154	FALSE
-0,194	0,306	-0,009	0,013	0,311	FALSE
0,151	0,296	0,006	0,010	0,255	FALSE
-0,065	0,311	-0,002	0,010	0,089	FALSE
-0,147	0,302	-0,005	0,012	0,188	FALSE
-0,068	0,309	-0,003	0,013	0,087	FALSE
-0,016	0,296	0,000	0,008	0,007	FALSE
-0,053	0,323	-0,002	0,013	0,068	FALSE
0,011	0,317	0,000	0,012	0,007	FALSE
0,086	0,303	0,003	0,012	0,114	FALSE
0,021	0,318	0,001	0,013	0,029	FALSE
-0,042	0,309	-0,001	0,008	0,048	FALSE
-0,036	0,319	-0,001	0,008	0,041	FALSE

0,049	0,296	0,002	0,012	0,050	FALSE
-0,015	0,303	0,000	0,012	0,009	FALSE
-0,051	0,309	-0,001	0,008	0,043	FALSE
0,002	0,313	0,000	0,008	0,007	FALSE
0,045	0,295	0,003	0,013	0,080	FALSE
-0,020	0,319	-0,001	0,007	0,027	FALSE
0,027	0,318	0,001	0,011	0,037	FALSE
0,032	0,311	0,001	0,011	0,032	FALSE
-0,018	0,294	0,000	0,009	0,000	FALSE
0,107	0,308	0,002	0,007	0,129	FALSE
0,017	0,305	0,001	0,012	0,020	FALSE
0,027	0,316	0,001	0,008	0,039	FALSE
-0,002	0,291	-0,001	0,007	0,039	FALSE
-0,029	0,315	-0,001	0,010	0,036	FALSE
0,042	0,313	0,001	0,007	0,063	FALSE
0,056	0,303	0,002	0,011	0,073	FALSE
-0,028	0,319	-0,001	0,007	0,040	FALSE
-0,099	0,314	-0,003	0,009	0,140	FALSE
0,056	0,302	0,001	0,007	0,052	FALSE
-0,082	0,316	-0,002	0,008	0,099	FALSE
-0,047	0,310	-0,002	0,009	0,071	FALSE
0,036	0,307	0,002	0,009	0,076	FALSE
-0,158	0,304	-0,007	0,012	0,236	FALSE
0,043	0,298	0,002	0,009	0,068	FALSE
-0,078	0,297	-0,003	0,011	0,113	FALSE
0,061	0,301	0,001	0,008	0,059	FALSE
0,021	0,289	0,000	0,008	0,006	FALSE
0,083	0,303	0,002	0,008	0,081	FALSE
0,020	0,305	0,000	0,008	0,018	FALSE
0,016	0,319	0,000	0,008	0,011	FALSE
0,027	0,301	0,000	0,008	0,020	FALSE
0,062	0,304	0,001	0,007	0,054	FALSE
-0,026	0,317	0,000	0,010	0,005	FALSE
0,169	0,306	0,006	0,013	0,205	FALSE
0,176	0,297	0,005	0,008	0,294	FALSE
0,039	0,305	0,002	0,011	0,074	FALSE
0,046	0,301	0,001	0,012	0,028	FALSE
-0,061	0,306	-0,002	0,009	0,066	FALSE
-0,044	0,292	-0,002	0,010	0,060	FALSE
0,026	0,309	0,001	0,011	0,048	FALSE
-0,059	0,311	-0,001	0,007	0,062	FALSE
-0,025	0,314	-0,001	0,008	0,025	FALSE
0,005	0,314	0,001	0,006	0,030	FALSE
-0,114	0,299	-0,003	0,008	0,139	FALSE
-0,056	0,306	-0,001	0,006	0,056	FALSE
0,079	0,318	0,002	0,008	0,094	FALSE
0,091	0,303	0,002	0,007	0,127	FALSE
0,055	0,308	0,001	0,011	0,048	FALSE
0,007	0,307	0,000	0,010	0,013	FALSE
-0,066	0,300	-0,003	0,013	0,086	FALSE
0,029	0,306	0,001	0,010	0,039	FALSE
0,017	0,298	0,000	0,012	0,008	FALSE
-0,135	0,312	-0,004	0,011	0,163	FALSE

-0,011	0,312	0,000	0,012	0,001	FALSE
0,091	0,307	0,002	0,007	0,115	FALSE
0,003	0,304	0,000	0,012	0,003	FALSE
-0,044	0,299	-0,002	0,010	0,065	FALSE
-0,053	0,309	-0,002	0,011	0,073	FALSE
-0,017	0,301	-0,001	0,013	0,036	FALSE
0,070	0,305	0,002	0,009	0,069	FALSE
0,027	0,298	0,000	0,009	0,008	FALSE
-0,046	0,312	-0,002	0,013	0,060	FALSE
0,004	0,312	0,000	0,011	0,011	FALSE
0,002	0,283	0,000	0,010	0,009	FALSE
0,048	0,306	0,001	0,012	0,044	FALSE
-0,066	0,298	-0,001	0,007	0,056	FALSE
0,033	0,324	0,000	0,010	0,007	FALSE
-0,043	0,304	-0,002	0,012	0,061	FALSE
-0,023	0,305	-0,001	0,011	0,029	FALSE
-0,138	0,289	-0,005	0,009	0,229	FALSE
-0,007	0,300	0,000	0,010	0,012	FALSE
-0,047	0,298	-0,002	0,012	0,072	FALSE
0,102	0,294	0,002	0,008	0,120	FALSE
-0,123	0,309	-0,005	0,011	0,178	FALSE
0,070	0,302	0,003	0,013	0,089	FALSE
0,063	0,311	0,002	0,009	0,090	FALSE
0,056	0,297	0,002	0,009	0,077	FALSE
-0,069	0,306	-0,003	0,011	0,091	FALSE
-0,133	0,306	-0,003	0,007	0,167	FALSE
-0,011	0,315	-0,001	0,011	0,019	FALSE
-0,063	0,307	-0,002	0,006	0,111	FALSE
-0,006	0,324	0,000	0,012	0,010	FALSE
-0,023	0,318	-0,001	0,014	0,015	FALSE
0,069	0,295	0,003	0,012	0,115	FALSE
0,029	0,307	0,001	0,010	0,026	FALSE
-0,145	0,314	-0,007	0,014	0,200	FALSE
0,108	0,323	0,003	0,008	0,158	FALSE
-0,117	0,303	-0,006	0,013	0,178	FALSE
-0,050	0,309	-0,001	0,008	0,063	FALSE
-0,019	0,302	-0,001	0,006	0,037	FALSE
0,018	0,314	0,001	0,007	0,030	FALSE
0,054	0,314	0,002	0,012	0,074	FALSE
0,074	0,309	0,002	0,008	0,080	FALSE
-0,170	0,305	-0,007	0,013	0,238	FALSE
-0,011	0,313	0,000	0,013	0,013	FALSE
0,017	0,300	0,001	0,013	0,027	FALSE
0,026	0,306	0,000	0,007	0,001	FALSE
0,060	0,308	0,002	0,011	0,076	FALSE
0,078	0,304	0,002	0,010	0,075	FALSE
0,008	0,292	0,001	0,008	0,046	FALSE
-0,191	0,307	-0,004	0,007	0,263	FALSE
-0,042	0,289	0,000	0,008	0,017	FALSE
-0,020	0,327	0,000	0,008	0,008	FALSE
-0,102	0,292	-0,005	0,012	0,151	FALSE
-0,001	0,306	0,000	0,007	0,023	FALSE
0,132	0,295	0,004	0,008	0,187	FALSE

-0,142	0,320	-0,003	0,007	0,189	FALSE
0,046	0,303	0,001	0,009	0,056	FALSE
0,166	0,308	0,004	0,008	0,238	FALSE
-0,026	0,319	-0,001	0,011	0,024	FALSE
-0,019	0,299	0,000	0,008	0,018	FALSE
-0,020	0,309	-0,001	0,009	0,044	FALSE
-0,014	0,318	-0,001	0,007	0,031	FALSE
-0,093	0,306	-0,003	0,007	0,148	FALSE
-0,069	0,286	-0,002	0,008	0,118	FALSE
0,009	0,291	0,001	0,011	0,029	FALSE
-0,128	0,314	-0,003	0,007	0,185	FALSE
-0,037	0,303	-0,001	0,008	0,032	FALSE
0,098	0,311	0,003	0,009	0,117	FALSE
0,090	0,301	0,001	0,006	0,090	FALSE
0,110	0,304	0,002	0,006	0,125	FALSE
-0,030	0,292	-0,001	0,009	0,037	FALSE
-0,027	0,321	0,000	0,008	0,009	FALSE
-0,048	0,296	-0,001	0,008	0,064	FALSE
0,044	0,305	0,001	0,012	0,030	FALSE
-0,114	0,317	-0,004	0,012	0,140	FALSE
-0,050	0,296	-0,002	0,012	0,058	FALSE
-0,104	0,316	-0,004	0,012	0,130	FALSE
-0,072	0,308	-0,001	0,007	0,054	FALSE
-0,078	0,313	-0,003	0,011	0,104	FALSE
0,051	0,299	0,001	0,006	0,068	FALSE
0,115	0,308	0,003	0,007	0,180	FALSE
-0,001	0,305	0,000	0,007	0,017	FALSE
0,004	0,307	0,000	0,008	0,017	FALSE
0,080	0,314	0,001	0,006	0,082	FALSE
0,062	0,310	0,001	0,007	0,048	FALSE
0,005	0,294	0,000	0,007	0,019	FALSE
0,069	0,303	0,002	0,009	0,080	FALSE
0,038	0,301	0,001	0,011	0,032	FALSE
0,011	0,303	0,000	0,006	0,002	FALSE
-0,005	0,301	-0,001	0,013	0,020	FALSE
0,024	0,311	0,001	0,009	0,020	FALSE
0,005	0,306	0,000	0,010	0,015	FALSE
-0,151	0,301	-0,004	0,009	0,219	FALSE
0,002	0,298	-0,001	0,011	0,028	FALSE
-0,050	0,329	-0,002	0,011	0,064	FALSE
0,009	0,307	0,001	0,011	0,017	FALSE
0,039	0,313	0,001	0,008	0,056	FALSE
0,036	0,310	0,002	0,011	0,070	FALSE
0,001	0,302	0,001	0,013	0,028	FALSE
0,124	0,299	0,004	0,009	0,165	FALSE
-0,035	0,318	-0,001	0,010	0,026	FALSE
-0,082	0,308	-0,003	0,009	0,117	FALSE
-0,001	0,299	0,000	0,007	0,008	FALSE
-0,009	0,305	-0,001	0,009	0,035	FALSE
-0,117	0,302	-0,003	0,007	0,160	FALSE
0,007	0,290	0,000	0,006	0,010	FALSE
0,047	0,305	0,001	0,008	0,065	FALSE
0,045	0,324	0,003	0,013	0,076	FALSE

0,016	0,296	0,001	0,011	0,033	FALSE
-0,039	0,324	-0,001	0,012	0,044	FALSE
-0,044	0,317	-0,002	0,012	0,048	FALSE
-0,079	0,308	-0,003	0,012	0,088	FALSE
-0,011	0,304	0,000	0,011	0,013	FALSE
-0,049	0,304	-0,001	0,007	0,059	FALSE
-0,009	0,316	0,000	0,006	0,015	FALSE
-0,188	0,312	-0,004	0,007	0,271	FALSE
-0,200	0,311	-0,007	0,009	0,327	FALSE
-0,102	0,308	-0,002	0,006	0,145	FALSE
-0,118	0,319	-0,003	0,008	0,165	FALSE
0,011	0,309	0,001	0,010	0,027	FALSE
-0,003	0,308	0,000	0,010	0,012	FALSE
0,014	0,311	0,000	0,010	0,002	FALSE
0,025	0,318	0,001	0,009	0,052	FALSE
-0,006	0,315	0,000	0,009	0,001	FALSE
0,129	0,305	0,005	0,011	0,173	FALSE
-0,165	0,290	-0,006	0,011	0,242	FALSE
0,098	0,312	0,003	0,009	0,148	FALSE
-0,045	0,320	-0,001	0,009	0,051	FALSE
-0,040	0,319	-0,001	0,006	0,050	FALSE
0,163	0,304	0,003	0,007	0,176	FALSE
-0,030	0,298	-0,001	0,007	0,027	FALSE
-0,026	0,295	-0,001	0,006	0,031	FALSE
0,012	0,316	0,000	0,008	0,017	FALSE
0,174	0,305	0,004	0,007	0,234	FALSE
0,037	0,316	0,002	0,008	0,079	FALSE
0,009	0,303	0,001	0,008	0,056	FALSE
0,137	0,294	0,006	0,011	0,237	FALSE
-0,020	0,308	-0,002	0,012	0,047	FALSE
-0,007	0,316	0,000	0,010	0,016	FALSE
0,031	0,292	0,001	0,008	0,040	FALSE
-0,074	0,316	-0,003	0,010	0,100	FALSE
-0,108	0,305	-0,002	0,007	0,125	FALSE
0,066	0,308	0,002	0,008	0,073	FALSE
0,064	0,306	0,003	0,013	0,081	FALSE
0,014	0,303	0,001	0,011	0,028	FALSE
-0,071	0,309	-0,002	0,009	0,070	TRUE
0,003	0,325	0,001	0,009	0,021	FALSE
0,006	0,306	0,000	0,009	0,014	FALSE
-0,047	0,306	0,000	0,013	0,006	FALSE
0,043	0,305	0,003	0,011	0,095	FALSE
0,000	0,313	0,000	0,011	0,008	FALSE
-0,069	0,308	-0,002	0,009	0,103	FALSE
0,080	0,306	0,004	0,010	0,140	FALSE
-0,108	0,307	-0,004	0,012	0,151	FALSE
0,084	0,298	0,002	0,007	0,111	FALSE
0,080	0,308	0,002	0,007	0,093	FALSE
-0,050	0,306	-0,001	0,012	0,040	FALSE
-0,095	0,305	-0,003	0,010	0,116	FALSE
0,104	0,308	0,003	0,012	0,105	FALSE
0,089	0,309	0,003	0,013	0,085	FALSE
-0,048	0,317	-0,001	0,010	0,054	FALSE

0,107	0,323	0,003	0,008	0,130	FALSE
-0,080	0,322	-0,002	0,008	0,101	FALSE
0,107	0,294	0,003	0,007	0,168	FALSE
-0,003	0,306	-0,001	0,012	0,027	FALSE
0,029	0,298	0,000	0,009	0,004	FALSE
-0,149	0,300	-0,003	0,006	0,202	FALSE
-0,047	0,300	-0,001	0,009	0,040	FALSE
0,072	0,306	0,002	0,011	0,081	FALSE
-0,063	0,300	-0,002	0,010	0,071	FALSE
-0,184	0,305	-0,007	0,010	0,320	FALSE
-0,055	0,306	-0,001	0,008	0,059	FALSE
-0,173	0,294	-0,007	0,011	0,290	FALSE
-0,124	0,307	-0,003	0,007	0,168	FALSE
-0,063	0,306	-0,001	0,007	0,075	FALSE
0,148	0,298	0,006	0,010	0,251	FALSE
-0,035	0,306	-0,001	0,007	0,031	FALSE
-0,051	0,310	-0,001	0,011	0,040	FALSE
-0,084	0,307	-0,003	0,010	0,102	FALSE
-0,061	0,304	-0,002	0,010	0,064	FALSE
0,018	0,303	0,001	0,010	0,028	FALSE
0,001	0,300	0,000	0,008	0,003	FALSE
0,038	0,307	0,001	0,013	0,040	FALSE
0,047	0,312	0,002	0,010	0,055	FALSE
-0,133	0,312	-0,005	0,010	0,197	FALSE
-0,042	0,317	-0,002	0,010	0,077	FALSE
-0,007	0,300	0,000	0,012	0,007	FALSE
-0,027	0,309	-0,001	0,013	0,038	FALSE
0,001	0,304	0,000	0,012	0,011	FALSE
-0,019	0,305	-0,001	0,012	0,046	FALSE
0,029	0,300	0,000	0,012	0,010	FALSE
-0,017	0,300	0,000	0,007	0,002	FALSE
-0,056	0,320	-0,001	0,007	0,059	FALSE
-0,173	0,291	-0,007	0,011	0,295	FALSE
0,057	0,310	0,002	0,010	0,089	FALSE
-0,085	0,311	-0,002	0,007	0,106	FALSE
-0,089	0,310	-0,005	0,012	0,157	FALSE
0,020	0,305	0,000	0,007	0,005	FALSE
0,015	0,309	0,001	0,010	0,021	FALSE
0,007	0,310	0,001	0,007	0,030	FALSE
-0,073	0,324	-0,004	0,014	0,104	FALSE
-0,100	0,302	-0,004	0,011	0,140	FALSE
0,139	0,298	0,004	0,010	0,155	FALSE
0,016	0,316	0,001	0,007	0,036	FALSE
0,030	0,309	0,001	0,007	0,065	FALSE
0,126	0,307	0,003	0,010	0,120	FALSE
0,130	0,308	0,003	0,008	0,149	FALSE
0,089	0,309	0,003	0,013	0,083	FALSE
-0,062	0,298	-0,001	0,006	0,080	FALSE
-0,108	0,308	-0,005	0,012	0,149	FALSE
-0,014	0,316	0,000	0,011	0,007	FALSE
-0,060	0,311	-0,003	0,013	0,075	FALSE
0,005	0,307	0,001	0,007	0,028	FALSE
0,092	0,315	0,002	0,008	0,101	FALSE

0,100	0,310	0,003	0,009	0,121	FALSE
-0,026	0,309	0,000	0,012	0,002	FALSE
-0,100	0,304	-0,002	0,006	0,149	FALSE
-0,032	0,292	0,000	0,007	0,002	FALSE
-0,014	0,303	0,000	0,010	0,012	FALSE
0,021	0,317	0,001	0,012	0,026	FALSE
0,005	0,313	0,000	0,008	0,016	FALSE
0,009	0,312	0,000	0,013	0,007	FALSE
-0,008	0,287	0,000	0,013	0,014	FALSE
0,078	0,302	0,002	0,008	0,085	FALSE
-0,014	0,308	0,000	0,009	0,014	FALSE
0,089	0,307	0,003	0,010	0,116	FALSE
0,103	0,311	0,003	0,010	0,126	FALSE
0,093	0,311	0,003	0,010	0,116	FALSE
-0,054	0,312	-0,003	0,013	0,091	FALSE
-0,066	0,302	-0,004	0,012	0,122	FALSE
0,110	0,325	0,003	0,008	0,155	FALSE
-0,040	0,311	-0,003	0,013	0,095	FALSE
-0,018	0,311	0,000	0,012	0,000	FALSE
-0,061	0,312	-0,003	0,013	0,096	FALSE
-0,056	0,305	-0,003	0,012	0,098	FALSE
0,080	0,304	0,003	0,009	0,122	FALSE
-0,018	0,300	0,000	0,007	0,023	FALSE
0,078	0,322	0,002	0,010	0,072	FALSE
-0,014	0,301	-0,001	0,012	0,020	FALSE
-0,046	0,315	-0,002	0,013	0,058	FALSE
0,151	0,303	0,007	0,013	0,212	FALSE
-0,075	0,301	-0,002	0,009	0,095	FALSE
-0,048	0,313	-0,001	0,010	0,054	FALSE
0,114	0,308	0,003	0,007	0,151	FALSE
0,026	0,296	0,001	0,011	0,044	FALSE
-0,024	0,316	-0,001	0,011	0,021	FALSE
-0,037	0,307	-0,001	0,008	0,060	FALSE
-0,116	0,309	-0,004	0,010	0,170	FALSE
-0,107	0,300	-0,002	0,007	0,107	FALSE
-0,047	0,309	-0,001	0,010	0,045	FALSE
-0,030	0,299	-0,001	0,009	0,022	FALSE
0,000	0,322	0,000	0,008	0,008	FALSE
0,076	0,305	0,001	0,007	0,055	FALSE
-0,050	0,305	-0,001	0,010	0,044	FALSE
-0,159	0,285	-0,006	0,012	0,226	FALSE
0,072	0,299	0,001	0,007	0,064	FALSE
0,027	0,310	0,001	0,007	0,045	FALSE
0,024	0,310	0,000	0,008	0,009	FALSE
-0,005	0,314	0,000	0,007	0,009	FALSE
0,099	0,322	0,002	0,008	0,117	FALSE
-0,022	0,317	0,000	0,007	0,019	FALSE
-0,121	0,304	-0,004	0,012	0,147	FALSE
-0,110	0,293	-0,005	0,011	0,176	FALSE
0,062	0,301	0,003	0,012	0,093	FALSE
0,108	0,302	0,003	0,007	0,185	FALSE
-0,042	0,306	-0,001	0,011	0,032	FALSE
-0,073	0,304	-0,003	0,012	0,083	FALSE

-0,077	0,302	-0,003	0,012	0,092	FALSE
-0,015	0,303	-0,001	0,011	0,025	FALSE
-0,029	0,291	0,000	0,007	0,013	FALSE
-0,029	0,316	-0,001	0,010	0,046	FALSE
-0,018	0,314	-0,001	0,007	0,040	FALSE
0,095	0,311	0,002	0,008	0,122	FALSE
0,000	0,312	0,000	0,012	0,013	FALSE
-0,007	0,308	0,001	0,010	0,030	FALSE
-0,020	0,316	0,000	0,009	0,009	FALSE
0,101	0,306	0,004	0,008	0,170	FALSE
0,109	0,297	0,003	0,008	0,157	FALSE
-0,129	0,314	-0,005	0,010	0,211	FALSE
-0,161	0,295	-0,007	0,013	0,219	FALSE
-0,127	0,311	-0,005	0,012	0,170	FALSE
0,031	0,315	0,002	0,012	0,054	FALSE
0,115	0,318	0,003	0,008	0,147	FALSE
-0,132	0,300	-0,006	0,011	0,201	FALSE
0,004	0,313	0,000	0,007	0,016	FALSE
0,070	0,315	0,002	0,012	0,066	FALSE
-0,020	0,301	0,000	0,008	0,021	FALSE
0,053	0,307	0,003	0,012	0,099	FALSE
-0,046	0,313	-0,002	0,009	0,070	FALSE
-0,078	0,283	-0,003	0,009	0,109	FALSE
0,067	0,296	0,003	0,013	0,098	FALSE
0,054	0,296	0,002	0,009	0,100	FALSE
0,111	0,324	0,003	0,007	0,140	FALSE
-0,041	0,313	-0,001	0,007	0,080	FALSE
-0,032	0,292	-0,001	0,007	0,074	FALSE
0,030	0,320	0,001	0,007	0,028	FALSE
-0,094	0,300	-0,002	0,007	0,119	FALSE
-0,083	0,308	-0,002	0,007	0,110	FALSE
0,000	0,314	0,000	0,007	0,022	FALSE
0,121	0,306	0,004	0,013	0,130	FALSE
0,016	0,312	0,000	0,007	0,006	FALSE
-0,067	0,305	-0,002	0,008	0,095	FALSE
-0,009	0,298	0,000	0,007	0,012	FALSE
-0,101	0,312	-0,003	0,008	0,140	FALSE
0,066	0,305	0,002	0,010	0,077	FALSE
-0,024	0,302	-0,002	0,011	0,053	FALSE
0,168	0,297	0,004	0,007	0,245	FALSE
-0,017	0,293	0,000	0,012	0,006	FALSE
-0,006	0,314	0,000	0,013	0,000	FALSE
-0,114	0,311	-0,003	0,007	0,148	FALSE
0,016	0,302	-0,001	0,011	0,022	FALSE
0,144	0,301	0,004	0,008	0,220	FALSE
0,029	0,310	0,001	0,009	0,057	FALSE
0,128	0,323	0,004	0,009	0,175	FALSE
-0,110	0,306	-0,004	0,012	0,145	FALSE
-0,135	0,294	-0,005	0,010	0,186	FALSE
-0,032	0,296	0,000	0,008	0,011	FALSE
0,096	0,306	0,004	0,012	0,134	FALSE
0,102	0,309	0,003	0,010	0,123	FALSE
0,155	0,308	0,004	0,008	0,218	FALSE

0,000	0,312	0,000	0,009	0,017	FALSE
0,051	0,320	0,002	0,013	0,070	FALSE
0,051	0,302	0,002	0,011	0,058	FALSE
0,083	0,304	0,002	0,006	0,124	FALSE
-0,075	0,326	-0,003	0,010	0,120	FALSE
0,012	0,302	0,000	0,006	0,010	FALSE
-0,071	0,317	-0,002	0,012	0,080	FALSE
0,051	0,307	0,002	0,008	0,093	FALSE
0,125	0,297	0,005	0,011	0,171	FALSE
-0,207	0,296	-0,009	0,012	0,355	FALSE
-0,169	0,303	-0,005	0,009	0,255	FALSE
0,157	0,303	0,005	0,010	0,205	FALSE
0,013	0,322	0,000	0,008	0,013	FALSE
-0,057	0,296	-0,003	0,013	0,078	FALSE
-0,036	0,321	-0,001	0,011	0,018	FALSE
-0,030	0,309	-0,001	0,010	0,028	FALSE
0,136	0,298	0,005	0,011	0,208	FALSE
0,175	0,311	0,008	0,013	0,263	FALSE
0,040	0,314	0,001	0,009	0,061	FALSE
0,022	0,301	0,001	0,013	0,033	FALSE
-0,010	0,297	0,000	0,006	0,022	FALSE
-0,011	0,303	0,000	0,007	0,018	FALSE
-0,011	0,309	0,000	0,007	0,010	FALSE
0,037	0,295	0,000	0,012	0,008	FALSE
0,051	0,318	0,002	0,009	0,083	FALSE
-0,023	0,310	-0,002	0,010	0,075	FALSE
-0,014	0,307	-0,001	0,013	0,031	FALSE
0,004	0,314	0,000	0,007	0,004	FALSE
-0,027	0,292	-0,001	0,008	0,043	FALSE
0,038	0,307	0,002	0,008	0,070	FALSE
0,067	0,321	0,002	0,011	0,070	FALSE
0,035	0,320	0,001	0,010	0,042	FALSE
0,098	0,311	0,003	0,008	0,137	FALSE
-0,006	0,295	0,000	0,010	0,010	FALSE
0,024	0,313	0,001	0,010	0,042	FALSE
0,031	0,301	0,001	0,010	0,053	FALSE
-0,028	0,293	-0,001	0,008	0,050	FALSE
-0,058	0,309	-0,003	0,013	0,094	FALSE
-0,008	0,325	0,000	0,008	0,005	FALSE
-0,075	0,301	-0,002	0,009	0,108	FALSE
-0,002	0,314	0,001	0,010	0,025	FALSE
0,007	0,305	0,001	0,008	0,021	FALSE
0,031	0,304	0,001	0,007	0,054	FALSE
-0,092	0,296	-0,004	0,010	0,152	FALSE
0,094	0,313	0,003	0,010	0,098	FALSE
0,092	0,297	0,002	0,007	0,132	FALSE
-0,062	0,311	-0,002	0,008	0,080	FALSE
-0,040	0,315	-0,002	0,013	0,043	FALSE
0,025	0,309	0,001	0,008	0,051	FALSE
-0,081	0,306	-0,002	0,009	0,090	FALSE
0,040	0,308	0,002	0,008	0,071	FALSE
0,160	0,302	0,006	0,010	0,258	FALSE
-0,177	0,306	-0,004	0,007	0,244	FALSE

-0,091	0,316	-0,004	0,013	0,125	FALSE
-0,029	0,308	-0,001	0,007	0,047	FALSE
0,066	0,309	0,003	0,012	0,097	FALSE
-0,058	0,314	-0,003	0,012	0,098	FALSE
-0,029	0,306	-0,001	0,008	0,034	FALSE
0,012	0,303	0,000	0,007	0,024	FALSE
-0,027	0,306	-0,001	0,008	0,028	FALSE
-0,069	0,304	-0,001	0,010	0,055	FALSE
-0,079	0,320	-0,003	0,012	0,090	FALSE
0,091	0,298	0,003	0,009	0,123	FALSE
0,118	0,311	0,005	0,013	0,173	FALSE
-0,094	0,304	-0,004	0,010	0,135	FALSE
-0,046	0,301	-0,002	0,013	0,064	FALSE
-0,006	0,306	0,000	0,010	0,003	FALSE
0,164	0,296	0,006	0,011	0,229	FALSE
-0,041	0,304	-0,001	0,011	0,046	FALSE
-0,124	0,306	-0,005	0,013	0,156	FALSE
0,031	0,309	0,001	0,011	0,037	FALSE
0,056	0,288	0,001	0,006	0,078	FALSE
0,002	0,304	0,000	0,007	0,011	FALSE
0,035	0,314	0,001	0,013	0,037	FALSE
-0,057	0,310	-0,001	0,008	0,063	FALSE
-0,065	0,307	-0,003	0,011	0,113	FALSE
-0,105	0,309	-0,002	0,008	0,107	FALSE
-0,097	0,312	-0,002	0,008	0,116	FALSE
-0,101	0,328	-0,002	0,008	0,109	FALSE
-0,099	0,310	-0,003	0,007	0,152	FALSE
0,068	0,300	0,002	0,007	0,096	FALSE
-0,068	0,303	-0,003	0,013	0,090	FALSE
-0,147	0,310	-0,005	0,009	0,224	FALSE
0,001	0,313	0,000	0,007	0,008	FALSE
-0,030	0,285	0,000	0,013	0,008	FALSE
-0,090	0,304	-0,003	0,011	0,098	FALSE
0,076	0,309	0,003	0,013	0,088	FALSE
0,033	0,317	0,001	0,013	0,023	FALSE
0,031	0,308	0,001	0,013	0,032	FALSE
-0,004	0,320	0,000	0,007	0,024	FALSE
0,027	0,311	0,001	0,009	0,045	FALSE
0,127	0,290	0,005	0,013	0,174	FALSE
0,157	0,298	0,007	0,013	0,217	FALSE
0,135	0,297	0,006	0,013	0,173	FALSE
-0,016	0,291	0,000	0,009	0,005	FALSE
0,144	0,287	0,004	0,008	0,212	FALSE
-0,121	0,309	-0,003	0,007	0,187	FALSE
-0,033	0,310	-0,001	0,010	0,029	FALSE
-0,051	0,313	-0,002	0,010	0,057	FALSE
0,054	0,315	0,002	0,011	0,056	FALSE
0,058	0,310	0,002	0,012	0,070	FALSE
-0,051	0,320	-0,001	0,007	0,059	FALSE
0,000	0,302	0,000	0,008	0,002	FALSE
-0,033	0,303	-0,001	0,006	0,051	FALSE
-0,005	0,312	-0,001	0,011	0,017	FALSE
0,017	0,318	0,001	0,012	0,033	FALSE

0,080	0,305	0,003	0,012	0,111	FALSE
-0,115	0,303	-0,004	0,013	0,136	FALSE
-0,022	0,305	-0,001	0,008	0,042	FALSE
-0,017	0,293	-0,001	0,008	0,026	FALSE
0,035	0,303	0,001	0,007	0,035	FALSE
0,213	0,295	0,004	0,007	0,295	FALSE
0,098	0,306	0,002	0,007	0,096	FALSE
0,001	0,304	-0,001	0,009	0,036	FALSE
-0,160	0,299	-0,005	0,008	0,270	FALSE
0,048	0,317	0,001	0,010	0,039	FALSE
-0,056	0,305	-0,002	0,008	0,082	FALSE
-0,160	0,298	-0,005	0,009	0,262	FALSE
0,160	0,289	0,005	0,009	0,252	FALSE
0,020	0,297	0,000	0,008	0,001	FALSE
-0,116	0,280	-0,002	0,006	0,128	FALSE
0,023	0,310	0,000	0,010	0,011	FALSE
0,164	0,294	0,005	0,010	0,231	FALSE
-0,003	0,302	-0,001	0,012	0,020	FALSE
0,088	0,312	0,003	0,009	0,116	FALSE
-0,049	0,326	-0,002	0,014	0,041	FALSE
-0,148	0,307	-0,005	0,010	0,215	FALSE
-0,196	0,297	-0,009	0,013	0,321	FALSE
-0,129	0,294	-0,006	0,011	0,253	FALSE
0,074	0,321	0,002	0,007	0,106	FALSE
0,074	0,319	0,003	0,010	0,096	FALSE
-0,181	0,312	-0,005	0,008	0,270	FALSE
-0,124	0,310	-0,005	0,009	0,201	FALSE
-0,099	0,299	-0,005	0,012	0,168	FALSE
-0,024	0,303	0,000	0,007	0,023	FALSE
-0,068	0,312	-0,002	0,007	0,080	FALSE
-0,014	0,302	-0,002	0,013	0,047	FALSE
0,096	0,299	0,002	0,010	0,087	FALSE
-0,055	0,294	-0,002	0,012	0,073	FALSE
-0,007	0,305	0,000	0,010	0,009	FALSE
-0,009	0,324	0,000	0,013	0,005	FALSE
-0,057	0,309	-0,002	0,012	0,067	FALSE
0,089	0,313	0,003	0,008	0,131	FALSE
-0,039	0,309	-0,002	0,012	0,050	FALSE
-0,022	0,310	0,000	0,009	0,019	FALSE
0,070	0,301	0,002	0,007	0,106	FALSE
-0,069	0,317	-0,002	0,010	0,057	FALSE
-0,002	0,298	0,000	0,009	0,004	FALSE
-0,125	0,298	-0,003	0,006	0,179	FALSE
0,048	0,307	0,001	0,007	0,069	FALSE
0,140	0,317	0,006	0,012	0,202	FALSE
0,121	0,312	0,005	0,013	0,155	FALSE
-0,123	0,310	-0,004	0,011	0,154	FALSE
-0,008	0,293	0,000	0,008	0,002	FALSE
0,112	0,297	0,003	0,011	0,121	FALSE
0,053	0,301	0,002	0,012	0,048	FALSE
0,014	0,308	0,000	0,009	0,010	FALSE
-0,035	0,328	-0,001	0,009	0,051	FALSE
0,012	0,297	0,001	0,008	0,033	FALSE

-0,099	0,310	-0,004	0,012	0,128	FALSE
0,014	0,314	0,001	0,011	0,030	FALSE
0,132	0,299	0,006	0,013	0,213	FALSE
0,055	0,297	0,001	0,008	0,052	FALSE
0,124	0,303	0,006	0,012	0,204	FALSE
0,148	0,300	0,007	0,013	0,239	FALSE
0,047	0,298	0,002	0,012	0,056	FALSE
0,080	0,307	0,001	0,007	0,083	FALSE
-0,184	0,306	-0,008	0,013	0,287	FALSE
-0,093	0,308	-0,002	0,007	0,129	FALSE
0,076	0,294	0,003	0,009	0,106	FALSE
-0,025	0,304	-0,001	0,011	0,031	FALSE
0,052	0,321	0,002	0,013	0,041	FALSE
-0,118	0,314	-0,003	0,008	0,129	FALSE
-0,034	0,312	-0,002	0,012	0,054	FALSE
-0,044	0,313	-0,002	0,011	0,055	FALSE
-0,029	0,320	-0,001	0,012	0,035	FALSE
-0,049	0,316	-0,002	0,012	0,049	FALSE
-0,055	0,303	-0,002	0,011	0,058	FALSE
-0,032	0,310	0,000	0,010	0,002	FALSE
0,132	0,315	0,003	0,008	0,170	FALSE
0,015	0,297	0,000	0,006	0,016	FALSE
-0,174	0,289	-0,005	0,009	0,252	FALSE
0,060	0,302	0,003	0,011	0,097	FALSE
-0,024	0,294	0,000	0,010	0,012	FALSE
0,083	0,303	0,002	0,006	0,118	FALSE
-0,095	0,307	-0,003	0,008	0,153	FALSE
-0,008	0,315	0,000	0,007	0,005	FALSE
-0,031	0,304	0,000	0,006	0,009	FALSE
-0,078	0,316	-0,002	0,008	0,114	FALSE
-0,056	0,321	-0,003	0,013	0,081	FALSE
-0,067	0,303	-0,002	0,007	0,095	FALSE
-0,083	0,308	-0,003	0,010	0,120	FALSE
0,107	0,290	0,004	0,012	0,136	FALSE
0,027	0,306	0,001	0,010	0,044	FALSE
0,081	0,303	0,003	0,009	0,130	FALSE
-0,053	0,303	-0,001	0,006	0,089	FALSE
-0,099	0,294	-0,004	0,013	0,117	FALSE
0,055	0,315	0,002	0,010	0,072	FALSE
0,079	0,306	0,002	0,007	0,093	FALSE
0,084	0,301	0,002	0,009	0,079	FALSE
-0,025	0,310	-0,001	0,010	0,033	FALSE
0,030	0,305	0,001	0,012	0,028	FALSE
0,006	0,306	0,001	0,013	0,016	FALSE
0,016	0,309	0,001	0,011	0,025	FALSE
0,053	0,303	0,001	0,007	0,069	FALSE
0,070	0,307	0,002	0,008	0,096	FALSE
-0,039	0,315	-0,002	0,012	0,052	FALSE
0,105	0,304	0,002	0,008	0,120	FALSE
0,085	0,306	0,002	0,008	0,108	FALSE
-0,092	0,301	-0,001	0,007	0,081	FALSE
-0,020	0,314	-0,001	0,012	0,019	FALSE
-0,002	0,319	0,000	0,006	0,002	FALSE

0,030	0,309	0,001	0,012	0,042	FALSE
0,041	0,305	0,001	0,007	0,066	FALSE
-0,022	0,303	0,000	0,007	0,020	FALSE
-0,009	0,312	0,000	0,012	0,002	FALSE
0,084	0,307	0,002	0,008	0,078	FALSE
0,008	0,316	0,000	0,006	0,008	FALSE
-0,047	0,316	-0,002	0,012	0,061	FALSE
-0,039	0,291	-0,002	0,011	0,084	FALSE
-0,178	0,301	-0,004	0,007	0,256	FALSE
-0,025	0,311	-0,001	0,007	0,035	FALSE
0,001	0,314	0,000	0,007	0,007	FALSE
0,150	0,297	0,003	0,006	0,220	FALSE
0,064	0,296	0,001	0,007	0,056	FALSE
0,022	0,293	0,000	0,008	0,003	FALSE
0,008	0,311	0,001	0,007	0,036	FALSE
-0,055	0,298	-0,001	0,012	0,038	FALSE
0,156	0,291	0,006	0,012	0,203	FALSE
0,027	0,317	0,001	0,006	0,030	FALSE
0,000	0,302	0,000	0,007	0,010	FALSE
-0,086	0,302	-0,002	0,010	0,089	FALSE
0,163	0,295	0,006	0,012	0,214	FALSE
0,124	0,298	0,003	0,009	0,149	FALSE
0,093	0,309	0,003	0,007	0,148	FALSE
-0,005	0,307	0,000	0,011	0,000	FALSE
-0,040	0,318	-0,002	0,013	0,043	FALSE
0,053	0,319	0,001	0,008	0,038	FALSE
-0,009	0,303	0,000	0,009	0,004	FALSE
-0,044	0,302	-0,001	0,007	0,057	FALSE
-0,051	0,307	-0,002	0,012	0,053	FALSE
-0,013	0,315	-0,001	0,008	0,028	FALSE
0,042	0,303	0,001	0,007	0,065	FALSE
-0,129	0,295	-0,004	0,008	0,188	FALSE
0,061	0,306	0,003	0,013	0,088	FALSE
-0,046	0,300	-0,002	0,012	0,073	FALSE
0,000	0,302	-0,001	0,012	0,015	FALSE
0,011	0,300	0,000	0,010	0,002	FALSE
-0,041	0,320	-0,001	0,008	0,050	FALSE
0,073	0,318	0,002	0,007	0,112	FALSE
0,039	0,312	0,001	0,011	0,044	FALSE
0,030	0,307	0,001	0,007	0,032	FALSE
-0,018	0,308	-0,002	0,012	0,050	FALSE
0,004	0,305	-0,001	0,006	0,031	FALSE
0,039	0,315	0,001	0,010	0,041	FALSE
0,022	0,312	0,001	0,012	0,031	FALSE
-0,144	0,297	-0,004	0,008	0,204	FALSE
-0,079	0,307	-0,002	0,008	0,110	FALSE
-0,062	0,310	-0,002	0,012	0,064	FALSE
0,009	0,314	0,000	0,009	0,010	FALSE
0,134	0,318	0,005	0,010	0,201	FALSE
0,079	0,312	0,003	0,012	0,108	FALSE
0,005	0,302	0,000	0,007	0,013	FALSE
0,071	0,298	0,002	0,007	0,115	FALSE
-0,112	0,306	-0,005	0,013	0,158	FALSE

0,114	0,303	0,003	0,009	0,158	FALSE
0,032	0,311	0,000	0,007	0,015	FALSE
0,002	0,306	-0,001	0,006	0,031	FALSE
0,154	0,293	0,006	0,010	0,244	FALSE
0,145	0,305	0,006	0,013	0,197	FALSE
0,013	0,313	0,001	0,010	0,041	FALSE
0,085	0,299	0,002	0,009	0,096	FALSE
0,083	0,309	0,003	0,010	0,108	FALSE
0,049	0,311	0,002	0,010	0,064	FALSE
-0,006	0,303	0,000	0,011	0,004	FALSE
0,077	0,313	0,003	0,010	0,112	FALSE
0,026	0,308	0,001	0,012	0,030	FALSE
-0,007	0,307	0,000	0,011	0,007	FALSE
0,064	0,313	0,003	0,012	0,076	FALSE
0,055	0,293	0,002	0,011	0,072	FALSE
0,050	0,306	0,002	0,012	0,051	FALSE
-0,083	0,292	-0,002	0,007	0,099	FALSE
-0,037	0,311	-0,002	0,013	0,047	FALSE
-0,100	0,304	-0,003	0,009	0,122	FALSE
0,005	0,312	-0,001	0,013	0,027	FALSE
0,063	0,304	0,001	0,009	0,052	FALSE
0,002	0,309	-0,001	0,010	0,019	FALSE
-0,002	0,308	0,000	0,012	0,007	FALSE
0,051	0,308	0,002	0,012	0,046	FALSE
0,015	0,303	0,000	0,010	0,008	FALSE
0,089	0,286	0,003	0,008	0,134	FALSE
-0,070	0,309	-0,002	0,009	0,075	FALSE
-0,007	0,313	0,000	0,007	0,002	FALSE
-0,022	0,298	0,000	0,008	0,007	FALSE
0,000	0,308	0,000	0,012	0,011	FALSE
-0,088	0,305	-0,003	0,008	0,146	FALSE
0,029	0,304	0,001	0,013	0,035	FALSE
0,052	0,300	0,003	0,013	0,075	FALSE
0,024	0,303	0,000	0,012	0,013	FALSE
0,019	0,303	0,000	0,012	0,010	FALSE
0,076	0,307	0,003	0,013	0,101	FALSE
0,034	0,307	0,002	0,012	0,052	FALSE
-0,089	0,308	-0,003	0,010	0,108	FALSE
-0,063	0,300	-0,003	0,010	0,108	FALSE
-0,016	0,307	0,000	0,009	0,016	FALSE
0,261	0,300	0,008	0,010	0,368	FALSE
-0,216	0,294	-0,005	0,007	0,318	FALSE
-0,141	0,299	-0,003	0,007	0,167	FALSE
-0,006	0,321	0,000	0,012	0,006	FALSE
0,049	0,322	0,001	0,010	0,049	FALSE
0,033	0,303	0,001	0,012	0,032	FALSE
0,062	0,304	0,002	0,007	0,097	FALSE
-0,040	0,301	-0,002	0,011	0,072	FALSE
0,014	0,307	0,000	0,013	0,013	FALSE
-0,064	0,306	-0,002	0,011	0,073	FALSE
-0,023	0,297	0,000	0,009	0,012	FALSE
-0,122	0,295	-0,005	0,012	0,170	FALSE
0,136	0,304	0,005	0,011	0,173	FALSE

-0,173	0,285	-0,007	0,012	0,246	FALSE
0,040	0,300	0,002	0,012	0,057	FALSE
0,140	0,286	0,004	0,011	0,159	FALSE
0,015	0,298	0,001	0,008	0,040	FALSE
0,019	0,304	0,000	0,010	0,015	FALSE
0,033	0,307	0,001	0,007	0,047	FALSE
-0,131	0,308	-0,006	0,013	0,185	FALSE
0,020	0,303	0,001	0,010	0,037	FALSE
0,021	0,325	0,001	0,007	0,033	FALSE
0,025	0,302	0,002	0,012	0,052	FALSE
-0,090	0,314	-0,002	0,008	0,114	FALSE
-0,017	0,309	-0,001	0,008	0,028	FALSE
0,069	0,313	0,003	0,012	0,080	FALSE
0,072	0,309	0,002	0,011	0,070	FALSE
0,073	0,305	0,003	0,012	0,099	FALSE
-0,020	0,310	0,000	0,008	0,015	FALSE
0,106	0,319	0,003	0,009	0,135	FALSE
0,014	0,303	0,000	0,007	0,021	FALSE
0,060	0,293	0,002	0,006	0,101	FALSE
-0,090	0,318	-0,003	0,010	0,108	FALSE
0,039	0,298	0,001	0,009	0,039	FALSE
-0,065	0,300	-0,001	0,007	0,073	FALSE
0,002	0,297	0,000	0,009	0,017	FALSE
-0,080	0,293	-0,003	0,011	0,107	FALSE
-0,019	0,296	-0,001	0,012	0,036	FALSE
0,046	0,318	0,001	0,007	0,055	FALSE
-0,025	0,306	-0,001	0,008	0,026	FALSE
0,020	0,304	0,001	0,012	0,037	FALSE
0,136	0,317	0,003	0,008	0,179	FALSE
-0,158	0,299	-0,006	0,012	0,218	FALSE
-0,136	0,307	-0,005	0,011	0,165	FALSE
-0,254	0,291	-0,012	0,013	0,435	FALSE
-0,269	0,304	-0,012	0,013	0,459	FALSE
0,004	0,309	0,000	0,009	0,016	FALSE
-0,074	0,314	-0,002	0,009	0,098	FALSE
-0,026	0,298	0,000	0,008	0,021	FALSE
-0,064	0,297	-0,002	0,012	0,078	FALSE
0,112	0,306	0,003	0,009	0,162	FALSE
0,000	0,295	0,000	0,008	0,011	FALSE
-0,121	0,303	-0,005	0,012	0,151	FALSE
0,076	0,304	0,003	0,013	0,089	FALSE
-0,073	0,314	-0,002	0,008	0,083	FALSE
0,138	0,301	0,006	0,011	0,209	FALSE
0,037	0,315	0,001	0,006	0,041	FALSE
0,052	0,306	0,001	0,007	0,077	FALSE
-0,084	0,307	-0,002	0,006	0,101	FALSE
-0,204	0,290	-0,007	0,009	0,353	FALSE
-0,098	0,320	-0,002	0,007	0,109	FALSE
-0,041	0,308	-0,002	0,010	0,060	FALSE
-0,027	0,294	-0,001	0,007	0,037	FALSE
-0,093	0,305	-0,002	0,008	0,102	FALSE
-0,101	0,311	-0,002	0,008	0,118	FALSE
-0,019	0,317	0,000	0,007	0,017	FALSE

-0,093	0,313	-0,002	0,009	0,097	FALSE
-0,177	0,308	-0,005	0,009	0,218	FALSE
0,144	0,294	0,005	0,012	0,147	FALSE
0,089	0,298	0,003	0,010	0,105	FALSE
-0,028	0,324	-0,001	0,007	0,047	FALSE
0,023	0,306	0,000	0,007	0,014	FALSE
-0,104	0,309	-0,004	0,011	0,133	FALSE
0,000	0,312	0,000	0,008	0,001	FALSE
0,002	0,303	0,000	0,006	0,008	FALSE
-0,029	0,312	-0,001	0,013	0,040	FALSE
0,007	0,304	0,000	0,007	0,005	FALSE
0,016	0,302	0,001	0,007	0,040	FALSE
-0,097	0,314	-0,004	0,013	0,112	FALSE
-0,045	0,293	-0,002	0,010	0,086	FALSE
0,104	0,311	0,005	0,013	0,151	FALSE
-0,096	0,312	-0,004	0,012	0,123	FALSE
-0,046	0,301	-0,002	0,012	0,056	FALSE
-0,098	0,284	-0,003	0,010	0,139	FALSE
-0,006	0,308	0,000	0,012	0,006	FALSE
-0,111	0,307	-0,004	0,011	0,136	FALSE
-0,058	0,312	-0,002	0,010	0,078	FALSE
-0,114	0,299	-0,002	0,006	0,169	FALSE
-0,065	0,289	-0,002	0,008	0,092	FALSE
-0,011	0,307	-0,001	0,010	0,027	FALSE
0,082	0,305	0,002	0,010	0,075	FALSE
0,128	0,306	0,004	0,008	0,194	FALSE
0,128	0,318	0,004	0,009	0,181	FALSE
0,029	0,279	0,003	0,012	0,083	FALSE
0,043	0,288	0,000	0,009	0,015	FALSE
-0,040	0,298	-0,002	0,013	0,047	FALSE
-0,023	0,298	-0,002	0,013	0,043	FALSE
0,027	0,318	0,001	0,013	0,039	FALSE
-0,080	0,306	-0,002	0,012	0,077	FALSE
0,187	0,298	0,007	0,011	0,275	FALSE
0,028	0,309	0,001	0,007	0,034	FALSE
-0,109	0,304	-0,004	0,011	0,156	FALSE
-0,151	0,286	-0,006	0,012	0,222	FALSE
-0,099	0,295	-0,003	0,009	0,127	FALSE
0,080	0,309	0,002	0,007	0,143	FALSE
-0,061	0,301	-0,002	0,008	0,076	FALSE
-0,053	0,310	-0,001	0,007	0,068	FALSE
-0,059	0,311	-0,002	0,010	0,060	FALSE
-0,027	0,306	-0,001	0,010	0,024	FALSE
-0,001	0,316	0,001	0,012	0,026	FALSE
0,156	0,301	0,005	0,010	0,232	FALSE
0,125	0,302	0,003	0,007	0,172	FALSE
-0,046	0,309	-0,003	0,013	0,079	FALSE
-0,070	0,306	-0,002	0,008	0,099	FALSE
0,021	0,310	0,000	0,007	0,017	FALSE
0,067	0,304	0,001	0,007	0,078	FALSE
0,038	0,311	0,001	0,007	0,036	FALSE
0,039	0,304	0,001	0,008	0,032	FALSE
-0,054	0,303	-0,002	0,012	0,071	FALSE

0,083	0,312	0,002	0,006	0,112	FALSE
-0,084	0,307	-0,003	0,013	0,095	FALSE
-0,075	0,311	-0,002	0,009	0,101	FALSE
0,064	0,313	0,001	0,007	0,055	FALSE
-0,064	0,294	-0,001	0,010	0,054	FALSE
0,046	0,308	0,001	0,012	0,023	FALSE
-0,115	0,304	-0,002	0,007	0,135	FALSE
-0,012	0,308	0,000	0,011	0,013	FALSE
-0,073	0,301	-0,002	0,010	0,082	FALSE
0,048	0,305	0,002	0,011	0,053	FALSE
0,052	0,310	0,001	0,009	0,057	FALSE
-0,045	0,307	-0,001	0,007	0,038	FALSE
-0,005	0,302	-0,001	0,012	0,026	FALSE
-0,018	0,312	-0,001	0,009	0,025	FALSE
-0,056	0,310	-0,002	0,012	0,066	FALSE
0,008	0,306	0,001	0,013	0,015	FALSE
-0,058	0,311	-0,003	0,012	0,089	FALSE
-0,015	0,310	-0,001	0,013	0,024	FALSE
0,068	0,304	0,002	0,007	0,085	FALSE
-0,187	0,306	-0,006	0,008	0,307	FALSE
0,023	0,316	0,000	0,011	0,015	FALSE
-0,128	0,314	-0,005	0,011	0,172	FALSE
0,124	0,308	0,005	0,011	0,179	FALSE
-0,110	0,297	-0,004	0,011	0,160	FALSE
-0,113	0,304	-0,005	0,013	0,161	FALSE
0,024	0,303	0,000	0,008	0,001	FALSE
0,076	0,312	0,002	0,009	0,070	FALSE
-0,031	0,300	-0,001	0,007	0,051	FALSE
0,092	0,313	0,003	0,009	0,135	FALSE
-0,043	0,312	-0,001	0,008	0,043	FALSE
0,135	0,308	0,005	0,012	0,176	FALSE
-0,050	0,327	-0,002	0,011	0,055	FALSE
0,001	0,310	0,000	0,009	0,009	FALSE
-0,017	0,314	0,000	0,007	0,012	FALSE
-0,015	0,308	-0,001	0,010	0,030	FALSE
0,073	0,314	0,002	0,008	0,086	FALSE
-0,036	0,310	-0,001	0,007	0,044	FALSE
0,079	0,297	0,003	0,012	0,080	FALSE
-0,043	0,322	-0,001	0,011	0,043	FALSE
-0,028	0,313	-0,001	0,012	0,042	FALSE
0,116	0,293	0,005	0,010	0,203	FALSE
-0,034	0,316	-0,002	0,012	0,075	FALSE
0,124	0,309	0,003	0,010	0,145	FALSE
-0,044	0,314	-0,001	0,006	0,068	FALSE
0,050	0,304	0,001	0,006	0,073	FALSE
-0,111	0,312	-0,003	0,007	0,157	FALSE
-0,157	0,298	-0,005	0,009	0,217	FALSE
0,001	0,312	0,000	0,006	0,011	FALSE
0,112	0,319	0,003	0,008	0,178	FALSE
-0,122	0,306	-0,003	0,009	0,147	FALSE
-0,102	0,305	-0,004	0,010	0,169	FALSE
-0,006	0,313	0,000	0,008	0,007	FALSE
-0,050	0,307	-0,001	0,007	0,073	FALSE

0,059	0,305	0,002	0,012	0,064	FALSE
-0,061	0,311	-0,002	0,008	0,076	FALSE
0,087	0,308	0,002	0,007	0,092	FALSE
0,098	0,299	0,003	0,010	0,096	FALSE
0,135	0,299	0,003	0,007	0,195	FALSE
0,003	0,295	0,000	0,009	0,012	FALSE
0,099	0,308	0,004	0,012	0,125	FALSE
-0,113	0,299	-0,003	0,010	0,130	FALSE
0,014	0,317	0,001	0,012	0,023	FALSE
-0,124	0,304	-0,004	0,010	0,149	FALSE
0,017	0,307	0,001	0,011	0,021	FALSE
-0,057	0,299	-0,001	0,008	0,068	FALSE
-0,090	0,289	-0,005	0,013	0,144	FALSE
0,112	0,311	0,003	0,009	0,126	FALSE
0,070	0,310	0,003	0,013	0,091	FALSE
0,173	0,305	0,004	0,008	0,206	FALSE
0,160	0,296	0,003	0,007	0,199	FALSE
0,038	0,307	0,002	0,009	0,084	FALSE
0,058	0,306	0,002	0,009	0,088	FALSE
0,028	0,306	0,001	0,012	0,036	FALSE
0,145	0,293	0,005	0,010	0,207	FALSE
0,133	0,303	0,005	0,011	0,174	FALSE
0,112	0,300	0,004	0,011	0,149	FALSE
0,169	0,303	0,006	0,011	0,241	FALSE
0,156	0,292	0,005	0,010	0,221	FALSE
0,019	0,311	0,001	0,008	0,037	FALSE
0,094	0,302	0,003	0,011	0,124	FALSE
-0,005	0,312	0,000	0,011	0,003	FALSE
0,052	0,308	0,001	0,006	0,062	FALSE
-0,144	0,292	-0,004	0,009	0,189	FALSE
-0,207	0,296	-0,007	0,011	0,280	FALSE
-0,018	0,325	-0,001	0,007	0,026	FALSE
-0,016	0,327	0,000	0,010	0,016	FALSE
-0,128	0,292	-0,006	0,012	0,203	FALSE
0,002	0,296	0,000	0,007	0,006	FALSE
0,099	0,305	0,003	0,009	0,139	FALSE
0,053	0,304	0,002	0,011	0,081	FALSE
0,143	0,292	0,003	0,006	0,194	FALSE
-0,039	0,311	-0,001	0,006	0,046	FALSE
0,026	0,311	0,000	0,010	0,002	FALSE
-0,072	0,309	-0,004	0,013	0,120	FALSE
0,007	0,324	0,000	0,008	0,004	FALSE
-0,104	0,309	-0,002	0,007	0,143	FALSE
-0,125	0,292	-0,003	0,008	0,165	FALSE
-0,128	0,313	-0,004	0,011	0,150	FALSE
-0,144	0,313	-0,003	0,007	0,186	FALSE
-0,113	0,321	-0,005	0,013	0,138	FALSE
0,033	0,296	0,001	0,012	0,034	FALSE
0,032	0,294	0,001	0,012	0,032	FALSE
-0,076	0,315	-0,002	0,008	0,100	FALSE
-0,134	0,300	-0,006	0,012	0,202	FALSE
-0,088	0,298	-0,004	0,012	0,117	FALSE
0,126	0,303	0,004	0,008	0,192	FALSE

0,032	0,322	0,000	0,007	0,005	FALSE
0,069	0,299	0,003	0,012	0,101	FALSE
-0,006	0,309	0,000	0,011	0,006	FALSE
-0,019	0,299	-0,001	0,011	0,024	FALSE
-0,109	0,310	-0,003	0,008	0,135	FALSE
0,075	0,305	0,002	0,007	0,084	FALSE
0,040	0,290	0,002	0,012	0,056	FALSE
0,070	0,296	0,003	0,012	0,103	FALSE
0,049	0,300	0,001	0,012	0,036	FALSE
-0,089	0,323	-0,003	0,010	0,126	FALSE
-0,113	0,312	-0,004	0,009	0,175	FALSE
-0,112	0,293	-0,004	0,009	0,174	FALSE
-0,045	0,293	-0,001	0,009	0,041	FALSE
0,001	0,326	0,000	0,008	0,001	FALSE
0,075	0,315	0,001	0,006	0,079	FALSE
0,072	0,314	0,002	0,010	0,084	FALSE
0,097	0,294	0,003	0,010	0,124	FALSE
-0,059	0,312	-0,002	0,008	0,085	FALSE
0,053	0,302	0,002	0,008	0,109	FALSE
0,062	0,320	0,002	0,010	0,060	FALSE
0,001	0,301	0,000	0,006	0,001	FALSE
0,016	0,329	0,000	0,011	0,001	FALSE
0,018	0,296	0,000	0,007	0,010	FALSE
0,045	0,313	0,002	0,012	0,053	FALSE
-0,029	0,302	-0,002	0,012	0,047	FALSE
0,018	0,302	0,001	0,013	0,020	FALSE
-0,059	0,319	-0,001	0,007	0,057	FALSE
-0,092	0,314	-0,003	0,009	0,113	FALSE
0,049	0,331	0,001	0,009	0,052	FALSE
-0,058	0,314	-0,001	0,007	0,065	FALSE
-0,089	0,317	-0,003	0,010	0,113	FALSE
0,078	0,310	0,003	0,011	0,100	FALSE
0,015	0,308	0,000	0,007	0,024	FALSE
-0,023	0,305	-0,001	0,009	0,036	FALSE
-0,124	0,309	-0,004	0,010	0,140	FALSE
0,006	0,298	0,000	0,007	0,019	FALSE
0,005	0,304	0,000	0,013	0,006	FALSE
-0,047	0,297	-0,002	0,010	0,077	FALSE
0,026	0,312	0,001	0,006	0,061	FALSE
0,124	0,302	0,004	0,009	0,189	FALSE
-0,088	0,301	-0,002	0,008	0,115	FALSE
0,039	0,311	0,001	0,011	0,049	FALSE
0,025	0,300	0,001	0,012	0,022	FALSE
0,061	0,313	0,003	0,011	0,089	FALSE
-0,137	0,301	-0,006	0,013	0,193	FALSE
-0,099	0,295	-0,004	0,012	0,139	FALSE
-0,046	0,292	-0,003	0,012	0,091	FALSE
-0,073	0,318	-0,002	0,008	0,082	FALSE
0,162	0,308	0,005	0,010	0,182	FALSE
0,082	0,303	0,002	0,008	0,122	FALSE
0,101	0,308	0,003	0,008	0,138	FALSE
-0,089	0,310	-0,002	0,008	0,095	FALSE
0,142	0,295	0,004	0,007	0,256	FALSE

-0,052	0,303	-0,002	0,007	0,084	FALSE
0,135	0,294	0,005	0,008	0,242	FALSE
0,119	0,299	0,005	0,012	0,182	FALSE
-0,007	0,305	0,000	0,008	0,020	FALSE
-0,041	0,311	0,000	0,008	0,017	FALSE
0,044	0,301	0,001	0,008	0,056	FALSE
-0,115	0,307	-0,005	0,012	0,174	FALSE
-0,040	0,311	-0,002	0,011	0,060	FALSE
-0,021	0,327	-0,001	0,014	0,036	FALSE
-0,078	0,313	-0,002	0,008	0,107	FALSE
-0,062	0,316	-0,002	0,013	0,065	FALSE
0,095	0,322	0,003	0,011	0,119	FALSE
-0,052	0,315	-0,001	0,008	0,069	FALSE
-0,005	0,310	0,000	0,009	0,006	FALSE
-0,053	0,318	-0,001	0,008	0,058	FALSE
0,143	0,302	0,004	0,010	0,182	FALSE
-0,153	0,315	-0,005	0,010	0,210	FALSE
0,049	0,312	0,001	0,012	0,041	FALSE
-0,015	0,319	0,000	0,007	0,015	FALSE
-0,062	0,316	-0,002	0,008	0,092	FALSE
-0,046	0,307	-0,003	0,012	0,080	FALSE
-0,074	0,301	-0,002	0,010	0,072	FALSE
-0,086	0,302	-0,002	0,007	0,108	FALSE
0,084	0,309	0,002	0,007	0,100	FALSE
0,017	0,300	0,001	0,009	0,048	FALSE
-0,027	0,305	-0,001	0,011	0,018	FALSE
-0,044	0,316	-0,001	0,014	0,019	FALSE
-0,008	0,312	0,000	0,009	0,014	FALSE
-0,020	0,305	0,000	0,009	0,000	FALSE
0,051	0,307	0,002	0,011	0,065	FALSE
0,029	0,306	0,001	0,009	0,042	FALSE
-0,207	0,301	-0,006	0,009	0,308	FALSE
-0,100	0,314	-0,004	0,013	0,117	FALSE
0,031	0,326	0,001	0,013	0,033	FALSE
-0,053	0,314	-0,002	0,008	0,069	FALSE
-0,033	0,299	-0,001	0,011	0,044	FALSE
-0,049	0,328	-0,001	0,009	0,051	FALSE
-0,122	0,295	-0,004	0,009	0,162	FALSE
-0,007	0,309	0,001	0,008	0,034	FALSE
-0,230	0,280	-0,009	0,011	0,394	FALSE
0,093	0,313	0,003	0,009	0,142	FALSE
0,055	0,307	0,001	0,007	0,054	FALSE
0,121	0,306	0,003	0,007	0,178	FALSE
-0,155	0,296	-0,004	0,009	0,202	FALSE
-0,085	0,326	-0,004	0,013	0,110	FALSE
0,006	0,314	0,000	0,006	0,002	FALSE
0,075	0,311	0,003	0,010	0,099	FALSE
0,037	0,310	0,001	0,012	0,027	FALSE
0,070	0,307	0,002	0,011	0,062	FALSE
0,026	0,294	0,001	0,006	0,054	FALSE
0,102	0,315	0,003	0,012	0,109	FALSE
-0,026	0,298	-0,002	0,012	0,054	FALSE
0,017	0,321	0,001	0,007	0,031	FALSE

0,007	0,306	0,000	0,007	0,009	FALSE
-0,009	0,314	0,000	0,007	0,003	FALSE
-0,037	0,315	-0,001	0,010	0,046	FALSE
0,013	0,301	0,001	0,007	0,030	FALSE
0,016	0,320	0,001	0,010	0,019	FALSE
0,089	0,315	0,002	0,006	0,109	FALSE
-0,035	0,309	-0,001	0,013	0,026	FALSE
-0,047	0,298	-0,002	0,009	0,068	FALSE
0,100	0,309	0,002	0,008	0,122	FALSE
0,077	0,318	0,002	0,007	0,103	FALSE
0,031	0,322	0,001	0,009	0,030	FALSE
0,060	0,315	0,001	0,007	0,068	FALSE
0,000	0,304	0,001	0,007	0,024	FALSE
0,099	0,296	0,003	0,008	0,162	FALSE
0,065	0,304	0,002	0,012	0,061	FALSE
-0,029	0,305	0,000	0,006	0,002	FALSE
0,028	0,306	0,002	0,013	0,050	FALSE
0,003	0,314	0,000	0,007	0,011	FALSE
-0,070	0,304	-0,001	0,009	0,064	FALSE
0,042	0,316	0,001	0,007	0,035	FALSE
-0,092	0,303	-0,003	0,012	0,108	FALSE
-0,045	0,307	-0,001	0,009	0,048	FALSE
-0,032	0,316	-0,001	0,009	0,039	FALSE
0,078	0,302	0,004	0,012	0,138	FALSE
0,057	0,310	0,001	0,010	0,053	FALSE
0,035	0,301	0,001	0,011	0,046	FALSE
-0,067	0,293	-0,002	0,013	0,063	FALSE
0,031	0,305	0,001	0,009	0,039	FALSE
0,026	0,312	0,000	0,012	0,011	FALSE
0,012	0,320	0,000	0,010	0,015	FALSE
0,089	0,292	0,003	0,012	0,095	FALSE
0,219	0,294	0,009	0,013	0,342	FALSE
-0,079	0,317	-0,003	0,012	0,097	FALSE
0,024	0,304	0,001	0,012	0,031	FALSE
0,029	0,318	0,001	0,011	0,035	FALSE
0,041	0,302	0,001	0,011	0,027	FALSE
0,085	0,301	0,002	0,011	0,078	FALSE
-0,119	0,307	-0,004	0,011	0,150	FALSE
-0,043	0,307	-0,001	0,010	0,032	FALSE
-0,031	0,311	0,000	0,009	0,018	FALSE
0,070	0,302	0,003	0,009	0,118	FALSE
0,074	0,319	0,003	0,013	0,086	FALSE
0,100	0,307	0,004	0,013	0,133	FALSE
-0,136	0,296	-0,004	0,009	0,191	FALSE
-0,146	0,308	-0,005	0,009	0,204	FALSE
0,082	0,303	0,002	0,007	0,120	FALSE
-0,035	0,314	-0,001	0,009	0,046	FALSE
-0,081	0,313	-0,003	0,009	0,111	FALSE
0,046	0,296	0,002	0,010	0,059	FALSE
-0,090	0,315	-0,002	0,007	0,106	FALSE
-0,052	0,306	-0,003	0,013	0,077	FALSE
-0,047	0,306	-0,001	0,008	0,044	FALSE
0,061	0,316	0,003	0,012	0,078	FALSE

-0,165	0,319	-0,004	0,008	0,230	FALSE
0,093	0,292	0,003	0,011	0,122	FALSE
-0,064	0,298	-0,002	0,010	0,094	FALSE
-0,069	0,297	-0,003	0,010	0,122	FALSE
0,029	0,305	0,001	0,007	0,028	FALSE
-0,009	0,321	0,000	0,012	0,007	FALSE
-0,008	0,306	0,000	0,009	0,016	FALSE
-0,086	0,318	-0,003	0,011	0,111	FALSE
0,130	0,309	0,003	0,008	0,131	FALSE
-0,089	0,316	-0,003	0,012	0,103	FALSE
0,058	0,304	0,001	0,008	0,060	FALSE
-0,115	0,315	-0,003	0,010	0,132	FALSE
0,137	0,300	0,005	0,010	0,197	FALSE
0,005	0,301	0,001	0,006	0,030	FALSE
0,091	0,303	0,003	0,009	0,125	FALSE
-0,043	0,304	-0,001	0,012	0,030	FALSE
-0,028	0,323	-0,001	0,007	0,036	FALSE
-0,042	0,316	-0,002	0,011	0,061	FALSE
0,124	0,306	0,004	0,010	0,167	FALSE
0,118	0,300	0,005	0,011	0,170	FALSE
-0,122	0,308	-0,005	0,012	0,161	FALSE
-0,104	0,295	-0,003	0,008	0,171	FALSE
-0,115	0,315	-0,004	0,012	0,124	FALSE
-0,051	0,303	-0,002	0,012	0,054	FALSE
-0,057	0,303	-0,001	0,009	0,041	FALSE
-0,119	0,302	-0,003	0,008	0,153	FALSE
-0,036	0,314	-0,001	0,013	0,015	FALSE
-0,060	0,310	-0,002	0,013	0,069	FALSE
-0,029	0,312	-0,001	0,012	0,024	FALSE
-0,012	0,308	0,000	0,007	0,021	FALSE
0,099	0,312	0,002	0,007	0,109	FALSE
0,087	0,318	0,002	0,008	0,076	FALSE
-0,036	0,309	-0,001	0,009	0,037	FALSE
-0,004	0,296	0,000	0,012	0,008	FALSE
-0,016	0,309	0,000	0,013	0,000	FALSE
-0,128	0,315	-0,005	0,011	0,177	FALSE
-0,060	0,305	-0,002	0,010	0,071	FALSE
-0,009	0,303	0,000	0,006	0,005	FALSE
0,073	0,312	0,002	0,011	0,068	FALSE
0,062	0,312	0,003	0,011	0,101	FALSE
0,072	0,314	0,003	0,011	0,103	FALSE
0,083	0,313	0,003	0,008	0,144	FALSE
0,097	0,318	0,002	0,007	0,142	FALSE
-0,069	0,301	-0,002	0,010	0,072	FALSE
-0,127	0,322	-0,005	0,012	0,153	FALSE
0,067	0,308	0,003	0,013	0,074	FALSE
0,051	0,310	0,001	0,013	0,040	FALSE
-0,023	0,307	-0,001	0,009	0,020	FALSE
0,026	0,322	0,001	0,013	0,038	FALSE
-0,037	0,302	0,000	0,007	0,024	FALSE
0,055	0,313	0,003	0,011	0,084	FALSE
-0,028	0,309	0,000	0,007	0,021	FALSE
-0,068	0,306	-0,001	0,007	0,064	FALSE

-0,080	0,293	-0,003	0,010	0,122	FALSE
-0,125	0,311	-0,004	0,010	0,164	FALSE
-0,096	0,315	-0,003	0,010	0,125	FALSE
0,062	0,299	0,002	0,010	0,070	FALSE
-0,040	0,307	0,000	0,007	0,018	FALSE
-0,141	0,305	-0,005	0,011	0,194	FALSE
0,082	0,300	0,002	0,007	0,090	FALSE
0,116	0,309	0,003	0,008	0,155	FALSE
-0,027	0,306	-0,002	0,012	0,046	FALSE
-0,001	0,305	0,000	0,007	0,023	FALSE
0,023	0,308	0,001	0,008	0,053	FALSE
0,178	0,297	0,007	0,012	0,239	FALSE
-0,041	0,319	-0,002	0,011	0,063	FALSE
-0,056	0,305	-0,001	0,008	0,066	FALSE
0,124	0,300	0,005	0,011	0,198	FALSE
-0,003	0,305	0,000	0,007	0,008	FALSE
0,080	0,298	0,002	0,008	0,101	FALSE
-0,029	0,310	-0,001	0,013	0,030	FALSE
0,039	0,316	0,001	0,010	0,051	FALSE
-0,018	0,309	0,000	0,011	0,002	FALSE
0,014	0,296	0,000	0,012	0,003	FALSE
-0,071	0,302	-0,002	0,008	0,096	FALSE
-0,086	0,312	-0,002	0,007	0,102	FALSE
-0,040	0,307	-0,001	0,008	0,055	FALSE
0,093	0,298	0,002	0,007	0,109	FALSE
0,142	0,298	0,003	0,007	0,186	FALSE
-0,008	0,317	0,000	0,007	0,012	FALSE
-0,046	0,312	-0,001	0,007	0,041	FALSE
-0,065	0,316	-0,002	0,009	0,073	FALSE
-0,033	0,315	-0,001	0,009	0,044	FALSE
0,009	0,294	0,001	0,006	0,033	FALSE
-0,010	0,307	0,000	0,007	0,007	FALSE
-0,036	0,301	-0,001	0,006	0,029	FALSE
-0,153	0,304	-0,003	0,006	0,224	FALSE
0,096	0,315	0,002	0,007	0,128	FALSE
-0,029	0,306	-0,001	0,012	0,024	FALSE
-0,183	0,310	-0,005	0,008	0,262	FALSE
-0,153	0,310	-0,004	0,008	0,203	FALSE
0,023	0,310	0,001	0,012	0,019	FALSE
-0,060	0,316	-0,001	0,006	0,068	FALSE
-0,066	0,310	-0,002	0,007	0,087	FALSE
-0,126	0,311	-0,003	0,009	0,151	FALSE
-0,008	0,300	0,000	0,009	0,007	FALSE
-0,002	0,315	0,000	0,012	0,007	FALSE
-0,084	0,291	-0,002	0,008	0,088	FALSE
0,102	0,293	0,003	0,008	0,143	FALSE
-0,008	0,314	-0,001	0,009	0,020	FALSE
-0,073	0,303	-0,002	0,008	0,100	FALSE
-0,046	0,315	-0,001	0,012	0,026	FALSE
-0,029	0,298	-0,001	0,009	0,033	FALSE
-0,011	0,313	0,000	0,008	0,010	FALSE
-0,036	0,319	-0,001	0,012	0,039	FALSE
0,044	0,302	0,001	0,007	0,082	FALSE

-0,019	0,315	0,000	0,008	0,003	FALSE
-0,010	0,320	0,000	0,013	0,011	FALSE
0,101	0,315	0,003	0,010	0,112	FALSE
0,028	0,302	0,001	0,013	0,024	FALSE
-0,046	0,311	-0,002	0,013	0,063	FALSE
-0,113	0,309	-0,004	0,013	0,129	FALSE
0,127	0,297	0,005	0,012	0,184	FALSE
0,011	0,309	0,000	0,010	0,008	FALSE
-0,167	0,289	-0,006	0,009	0,286	FALSE
0,070	0,324	0,002	0,011	0,080	FALSE
0,086	0,302	0,004	0,013	0,136	FALSE
-0,077	0,306	-0,002	0,009	0,074	FALSE
-0,037	0,298	-0,002	0,013	0,068	FALSE
0,123	0,320	0,003	0,008	0,160	FALSE
-0,025	0,320	0,000	0,009	0,016	FALSE
-0,126	0,309	-0,003	0,007	0,176	FALSE
0,026	0,296	0,001	0,007	0,037	FALSE
-0,052	0,303	-0,001	0,010	0,041	FALSE
0,032	0,321	0,001	0,008	0,053	FALSE
0,004	0,286	0,000	0,009	0,012	FALSE
-0,003	0,309	0,000	0,010	0,003	FALSE
-0,002	0,318	0,000	0,007	0,024	FALSE
0,172	0,306	0,006	0,010	0,226	FALSE
-0,063	0,312	-0,002	0,008	0,092	FALSE
0,033	0,298	0,001	0,009	0,063	FALSE
0,049	0,320	0,001	0,008	0,072	FALSE
-0,074	0,306	-0,004	0,012	0,114	FALSE
0,058	0,309	0,002	0,008	0,089	FALSE
-0,071	0,307	-0,005	0,013	0,145	FALSE
0,009	0,306	0,000	0,006	0,019	FALSE
0,078	0,298	0,002	0,006	0,106	FALSE
-0,020	0,310	-0,001	0,006	0,036	FALSE
0,108	0,316	0,004	0,011	0,139	FALSE
-0,275	0,292	-0,007	0,008	0,430	FALSE
0,067	0,310	0,002	0,008	0,084	FALSE
0,097	0,301	0,004	0,012	0,118	FALSE
-0,080	0,313	-0,002	0,009	0,092	FALSE
-0,041	0,298	-0,001	0,006	0,072	FALSE
0,161	0,316	0,007	0,013	0,227	FALSE
-0,017	0,305	-0,001	0,008	0,029	FALSE
0,017	0,315	0,001	0,010	0,021	FALSE
-0,136	0,292	-0,004	0,008	0,197	FALSE
-0,133	0,320	-0,003	0,007	0,168	FALSE
0,075	0,301	0,002	0,007	0,125	FALSE
-0,142	0,302	-0,006	0,012	0,203	FALSE
-0,019	0,306	0,000	0,009	0,011	FALSE
-0,027	0,314	0,000	0,008	0,011	FALSE
-0,090	0,313	-0,001	0,007	0,078	FALSE
-0,048	0,306	-0,003	0,013	0,075	FALSE
0,070	0,304	0,002	0,008	0,075	FALSE
0,004	0,314	0,000	0,007	0,021	FALSE
-0,168	0,314	-0,007	0,013	0,228	FALSE
-0,119	0,302	-0,004	0,010	0,180	FALSE

0,000	0,296	0,000	0,013	0,006	FALSE
-0,095	0,302	-0,003	0,010	0,129	FALSE
-0,027	0,323	-0,001	0,010	0,027	FALSE
0,039	0,309	0,002	0,012	0,046	FALSE
0,013	0,323	0,000	0,008	0,017	FALSE
0,152	0,312	0,005	0,009	0,230	FALSE
0,041	0,285	0,002	0,010	0,063	FALSE
-0,093	0,317	-0,003	0,008	0,135	FALSE
-0,001	0,308	-0,001	0,009	0,022	FALSE
0,025	0,291	0,000	0,008	0,011	FALSE
0,040	0,302	0,001	0,009	0,058	FALSE
-0,069	0,309	-0,002	0,010	0,074	FALSE
-0,048	0,309	-0,002	0,009	0,071	FALSE
-0,037	0,311	-0,001	0,008	0,048	FALSE
-0,056	0,304	-0,002	0,011	0,055	FALSE
-0,093	0,311	-0,003	0,012	0,101	FALSE
-0,063	0,312	-0,002	0,012	0,063	FALSE
-0,083	0,303	-0,003	0,011	0,098	FALSE
-0,089	0,303	-0,003	0,011	0,107	FALSE
0,060	0,298	0,002	0,013	0,050	FALSE
-0,012	0,316	0,000	0,013	0,006	FALSE
-0,001	0,312	0,000	0,008	0,010	FALSE
-0,100	0,305	-0,003	0,010	0,124	FALSE
0,051	0,301	0,001	0,009	0,048	FALSE
-0,004	0,300	-0,001	0,007	0,039	FALSE
0,099	0,300	0,004	0,013	0,130	FALSE
0,000	0,307	0,000	0,007	0,001	FALSE
0,025	0,299	0,000	0,011	0,013	FALSE
-0,045	0,301	-0,002	0,012	0,055	FALSE
0,028	0,301	0,001	0,009	0,043	FALSE
0,017	0,307	0,000	0,006	0,011	FALSE
-0,033	0,299	-0,001	0,010	0,036	FALSE
-0,095	0,300	-0,004	0,011	0,137	FALSE
0,025	0,303	0,000	0,007	0,012	FALSE
0,005	0,309	0,001	0,008	0,028	FALSE
0,017	0,313	0,000	0,007	0,009	FALSE
0,103	0,304	0,004	0,010	0,180	FALSE
-0,139	0,314	-0,006	0,012	0,213	FALSE
0,106	0,301	0,005	0,012	0,180	FALSE
-0,087	0,313	-0,005	0,013	0,144	FALSE
0,052	0,311	0,001	0,009	0,052	FALSE
0,006	0,305	0,000	0,007	0,007	FALSE
0,020	0,311	0,000	0,012	0,013	FALSE
-0,054	0,311	-0,002	0,010	0,063	FALSE
0,027	0,316	0,001	0,009	0,040	FALSE
-0,095	0,301	-0,003	0,011	0,108	FALSE
0,007	0,301	0,000	0,011	0,008	FALSE
0,053	0,295	0,002	0,010	0,067	FALSE
0,030	0,302	0,001	0,007	0,032	FALSE
-0,092	0,304	-0,002	0,007	0,129	FALSE
-0,055	0,310	-0,002	0,009	0,069	FALSE
-0,039	0,302	0,000	0,008	0,022	FALSE
-0,019	0,316	0,000	0,012	0,012	FALSE

-0,009	0,310	0,000	0,006	0,006	FALSE
0,043	0,295	0,001	0,009	0,040	FALSE
0,081	0,305	0,002	0,011	0,090	FALSE
0,057	0,311	0,002	0,013	0,049	FALSE
0,117	0,310	0,004	0,009	0,172	FALSE
0,055	0,311	0,001	0,010	0,041	FALSE
0,029	0,308	0,000	0,009	0,018	FALSE
0,107	0,306	0,003	0,007	0,157	FALSE
-0,017	0,315	-0,001	0,010	0,021	FALSE
-0,064	0,317	-0,002	0,013	0,044	FALSE
0,092	0,305	0,003	0,013	0,088	FALSE
-0,056	0,303	-0,001	0,010	0,038	FALSE
-0,027	0,315	-0,002	0,011	0,059	FALSE
-0,012	0,311	0,000	0,011	0,007	FALSE
0,175	0,304	0,005	0,009	0,253	FALSE
0,006	0,299	0,000	0,007	0,001	FALSE
-0,026	0,307	0,000	0,010	0,008	FALSE
0,022	0,313	0,001	0,010	0,050	FALSE
0,047	0,311	0,001	0,011	0,046	FALSE
0,022	0,310	0,000	0,007	0,007	FALSE
-0,026	0,305	-0,001	0,011	0,034	FALSE
-0,038	0,315	-0,001	0,012	0,043	FALSE
0,056	0,316	0,002	0,010	0,093	FALSE
0,025	0,297	0,000	0,007	0,019	FALSE
-0,140	0,320	-0,006	0,013	0,208	FALSE
0,121	0,324	0,003	0,008	0,154	FALSE
-0,098	0,309	-0,004	0,010	0,144	FALSE
-0,003	0,318	0,000	0,006	0,010	FALSE
-0,021	0,294	0,000	0,010	0,004	FALSE
0,009	0,311	0,000	0,009	0,006	FALSE
-0,097	0,301	-0,004	0,012	0,140	FALSE
-0,082	0,313	-0,001	0,007	0,075	FALSE
0,158	0,302	0,006	0,012	0,211	FALSE
-0,098	0,319	-0,003	0,009	0,108	FALSE
-0,093	0,298	-0,003	0,012	0,116	FALSE
-0,087	0,307	-0,002	0,007	0,116	FALSE
-0,052	0,302	-0,002	0,008	0,088	FALSE
-0,086	0,301	-0,004	0,011	0,133	FALSE
0,041	0,311	0,001	0,010	0,043	FALSE
0,040	0,302	0,001	0,010	0,033	FALSE
-0,046	0,308	-0,002	0,011	0,083	FALSE
-0,026	0,328	-0,001	0,011	0,045	FALSE
-0,040	0,308	-0,002	0,011	0,054	FALSE
0,088	0,309	0,002	0,007	0,099	FALSE
-0,024	0,307	-0,001	0,009	0,028	FALSE
0,120	0,304	0,003	0,007	0,165	FALSE
0,081	0,301	0,002	0,007	0,116	FALSE
0,022	0,310	0,001	0,009	0,026	FALSE
-0,080	0,313	-0,003	0,011	0,100	FALSE
-0,105	0,300	-0,003	0,007	0,143	FALSE
-0,004	0,313	0,001	0,012	0,026	FALSE
0,016	0,306	0,001	0,012	0,021	FALSE
0,026	0,312	0,001	0,012	0,023	FALSE

0,108	0,316	0,005	0,011	0,178	FALSE
0,054	0,313	0,002	0,008	0,068	FALSE
0,002	0,294	-0,001	0,009	0,030	FALSE
0,114	0,306	0,003	0,010	0,122	FALSE
-0,037	0,310	-0,001	0,007	0,053	FALSE
0,041	0,305	0,001	0,009	0,033	FALSE
-0,031	0,298	0,000	0,009	0,020	FALSE
-0,035	0,301	-0,001	0,009	0,058	FALSE
-0,106	0,304	-0,003	0,007	0,151	FALSE
0,072	0,303	0,002	0,009	0,090	FALSE
0,056	0,313	0,002	0,009	0,095	FALSE
0,040	0,302	0,001	0,007	0,038	FALSE
0,107	0,308	0,004	0,010	0,161	FALSE
-0,004	0,318	0,000	0,009	0,013	FALSE
-0,126	0,302	-0,006	0,012	0,199	FALSE
0,059	0,297	0,002	0,010	0,068	FALSE
0,071	0,298	0,002	0,007	0,114	FALSE
0,077	0,305	0,003	0,010	0,123	FALSE
0,108	0,288	0,004	0,010	0,181	FALSE
-0,101	0,323	-0,003	0,013	0,102	FALSE
-0,028	0,316	-0,001	0,013	0,023	FALSE
-0,032	0,309	-0,001	0,008	0,032	FALSE
0,087	0,310	0,004	0,013	0,131	FALSE
0,034	0,312	0,001	0,012	0,038	FALSE
0,026	0,304	0,001	0,006	0,057	FALSE
0,066	0,311	0,002	0,010	0,087	FALSE
0,117	0,314	0,002	0,007	0,127	FALSE
-0,017	0,307	-0,001	0,011	0,032	FALSE
-0,016	0,317	-0,001	0,011	0,027	FALSE
-0,075	0,317	-0,003	0,010	0,098	FALSE
-0,063	0,312	-0,003	0,013	0,082	FALSE
-0,093	0,302	-0,003	0,012	0,095	FALSE
-0,106	0,307	-0,003	0,008	0,138	FALSE
-0,029	0,310	-0,001	0,010	0,037	FALSE
0,063	0,303	0,002	0,009	0,103	FALSE
-0,045	0,319	-0,001	0,008	0,067	FALSE
0,044	0,317	0,001	0,006	0,077	FALSE
-0,032	0,312	-0,001	0,010	0,041	FALSE
-0,017	0,312	0,000	0,010	0,013	FALSE
-0,100	0,312	-0,002	0,007	0,099	FALSE
-0,045	0,306	-0,002	0,010	0,058	FALSE
-0,032	0,304	-0,001	0,010	0,046	FALSE
0,095	0,308	0,004	0,011	0,140	FALSE
0,107	0,292	0,004	0,012	0,150	FALSE
0,085	0,310	0,004	0,012	0,124	FALSE
0,018	0,289	0,001	0,009	0,030	FALSE
-0,081	0,307	-0,002	0,008	0,095	FALSE
-0,152	0,304	-0,003	0,007	0,173	FALSE
-0,029	0,306	-0,001	0,007	0,047	FALSE
-0,066	0,304	-0,002	0,008	0,087	FALSE
-0,043	0,304	-0,002	0,011	0,079	FALSE
-0,097	0,310	-0,002	0,007	0,112	FALSE
0,000	0,306	0,000	0,006	0,011	FALSE

0,112	0,317	0,004	0,012	0,140	FALSE
-0,068	0,318	-0,002	0,009	0,098	FALSE
-0,028	0,322	-0,001	0,007	0,044	FALSE
-0,008	0,303	0,000	0,008	0,019	FALSE
-0,016	0,308	-0,001	0,011	0,024	FALSE
0,196	0,301	0,007	0,009	0,343	FALSE
-0,185	0,311	-0,007	0,012	0,251	FALSE
-0,038	0,306	0,000	0,008	0,019	FALSE
-0,032	0,303	-0,001	0,007	0,041	FALSE
-0,043	0,300	-0,001	0,010	0,049	FALSE
0,129	0,316	0,003	0,008	0,173	FALSE
-0,063	0,280	-0,002	0,009	0,088	FALSE
0,056	0,307	0,002	0,008	0,079	FALSE
-0,021	0,279	-0,001	0,009	0,049	FALSE
-0,084	0,307	-0,004	0,013	0,126	FALSE
-0,094	0,301	-0,004	0,012	0,140	FALSE
0,126	0,300	0,004	0,009	0,195	FALSE
-0,107	0,291	-0,005	0,013	0,168	FALSE
0,022	0,317	0,001	0,009	0,041	FALSE
0,100	0,319	0,005	0,012	0,148	FALSE
0,118	0,306	0,003	0,007	0,189	FALSE
-0,151	0,308	-0,005	0,009	0,230	FALSE
0,220	0,298	0,008	0,011	0,324	FALSE
0,107	0,289	0,003	0,008	0,147	FALSE
-0,113	0,303	-0,003	0,008	0,165	FALSE
0,006	0,305	0,000	0,007	0,005	FALSE
-0,013	0,312	0,000	0,009	0,003	FALSE
-0,077	0,319	-0,003	0,013	0,089	FALSE
-0,117	0,307	-0,003	0,008	0,139	FALSE
0,078	0,308	0,002	0,007	0,103	FALSE
-0,059	0,311	-0,002	0,012	0,071	FALSE
-0,219	0,286	-0,007	0,009	0,341	FALSE
0,073	0,315	0,002	0,012	0,080	FALSE
-0,183	0,289	-0,004	0,007	0,262	FALSE
-0,072	0,303	-0,003	0,012	0,088	FALSE
0,012	0,298	0,001	0,008	0,049	FALSE
-0,025	0,315	0,000	0,011	0,001	FALSE
0,075	0,289	0,003	0,010	0,121	FALSE
-0,105	0,297	-0,003	0,008	0,169	FALSE
0,134	0,296	0,006	0,011	0,235	FALSE
0,073	0,313	0,002	0,010	0,070	FALSE
-0,137	0,292	-0,004	0,008	0,222	FALSE
0,032	0,287	0,002	0,009	0,077	FALSE
0,029	0,310	0,000	0,007	0,025	FALSE
0,032	0,310	0,000	0,008	0,013	FALSE
-0,014	0,309	0,000	0,009	0,016	FALSE
-0,008	0,307	0,000	0,007	0,016	FALSE
-0,052	0,298	-0,002	0,012	0,060	FALSE
-0,105	0,293	-0,004	0,012	0,150	FALSE
0,067	0,307	0,002	0,012	0,070	FALSE
-0,010	0,317	-0,001	0,013	0,032	FALSE
0,121	0,306	0,004	0,007	0,203	FALSE
0,028	0,308	0,001	0,009	0,041	FALSE

0,093	0,287	0,003	0,011	0,129	FALSE
-0,052	0,317	0,000	0,010	0,014	FALSE
0,051	0,289	0,001	0,011	0,043	FALSE
-0,064	0,305	-0,002	0,008	0,120	FALSE
0,005	0,286	0,000	0,012	0,014	FALSE
0,056	0,303	0,003	0,013	0,077	FALSE
0,087	0,286	0,002	0,008	0,118	FALSE
-0,027	0,313	-0,001	0,009	0,026	FALSE
-0,196	0,309	-0,008	0,013	0,274	FALSE
-0,122	0,294	-0,004	0,011	0,149	FALSE
-0,088	0,296	-0,003	0,008	0,125	FALSE
0,070	0,308	0,002	0,006	0,114	FALSE
-0,002	0,308	0,000	0,007	0,008	FALSE
0,031	0,304	0,001	0,007	0,043	FALSE
0,006	0,296	0,000	0,007	0,008	FALSE
-0,041	0,296	-0,001	0,011	0,032	FALSE
-0,189	0,313	-0,005	0,008	0,240	FALSE
0,107	0,287	0,006	0,012	0,206	FALSE
0,025	0,322	0,000	0,011	0,012	FALSE
0,026	0,320	0,001	0,011	0,026	FALSE
0,061	0,308	0,001	0,007	0,061	FALSE
0,097	0,311	0,003	0,010	0,125	FALSE
0,065	0,310	0,001	0,007	0,065	FALSE
0,064	0,311	0,002	0,010	0,078	FALSE
-0,090	0,303	-0,002	0,006	0,097	FALSE
-0,020	0,314	0,000	0,007	0,004	FALSE
-0,070	0,313	-0,002	0,009	0,074	FALSE
-0,158	0,306	-0,005	0,011	0,191	FALSE
-0,059	0,320	-0,001	0,007	0,066	FALSE
-0,026	0,314	-0,001	0,007	0,030	FALSE
-0,033	0,307	-0,001	0,010	0,044	FALSE
-0,070	0,304	-0,001	0,007	0,062	FALSE
-0,004	0,321	0,000	0,007	0,001	FALSE
-0,030	0,314	-0,001	0,006	0,040	FALSE
-0,016	0,316	-0,001	0,012	0,036	FALSE
0,093	0,305	0,002	0,008	0,118	FALSE
0,014	0,310	0,000	0,008	0,016	FALSE
-0,089	0,307	-0,002	0,007	0,135	FALSE
0,004	0,307	0,000	0,008	0,002	FALSE
-0,158	0,314	-0,004	0,009	0,201	FALSE
-0,131	0,310	-0,004	0,009	0,183	FALSE
-0,020	0,304	0,000	0,007	0,021	FALSE
0,102	0,312	0,003	0,009	0,125	FALSE
-0,150	0,299	-0,005	0,009	0,251	FALSE
0,075	0,307	0,002	0,007	0,103	FALSE
0,046	0,314	0,001	0,007	0,074	FALSE
0,081	0,298	0,002	0,011	0,086	FALSE
0,035	0,315	0,001	0,013	0,034	FALSE
0,009	0,318	0,000	0,012	0,015	FALSE
-0,064	0,309	-0,003	0,011	0,085	FALSE
0,036	0,311	0,001	0,008	0,036	FALSE
-0,162	0,301	-0,004	0,007	0,223	FALSE
0,109	0,301	0,002	0,008	0,108	FALSE

0,101	0,314	0,002	0,007	0,126	FALSE
0,155	0,290	0,005	0,010	0,223	FALSE
0,051	0,304	0,002	0,013	0,046	FALSE
0,071	0,304	0,002	0,009	0,106	FALSE
-0,050	0,311	-0,002	0,011	0,074	FALSE
0,037	0,308	0,001	0,013	0,030	FALSE
-0,117	0,314	-0,003	0,009	0,139	FALSE
0,040	0,325	0,001	0,013	0,031	FALSE
0,048	0,303	0,001	0,009	0,038	FALSE
-0,065	0,307	-0,003	0,011	0,096	FALSE
-0,068	0,318	-0,001	0,007	0,076	FALSE
0,037	0,310	0,001	0,007	0,060	FALSE
0,001	0,295	0,001	0,009	0,027	FALSE
-0,022	0,305	-0,001	0,012	0,036	FALSE
0,008	0,300	0,000	0,010	0,016	FALSE
-0,010	0,305	0,001	0,012	0,019	FALSE
-0,015	0,311	-0,002	0,013	0,049	FALSE
-0,041	0,301	-0,001	0,007	0,032	FALSE
0,033	0,318	0,000	0,013	0,013	FALSE
-0,123	0,290	-0,004	0,012	0,141	FALSE
0,035	0,306	0,001	0,007	0,042	FALSE
0,044	0,300	0,001	0,007	0,052	FALSE
0,056	0,302	0,001	0,007	0,069	FALSE
0,022	0,300	0,000	0,010	0,003	FALSE
0,049	0,307	0,002	0,009	0,077	FALSE
-0,044	0,303	-0,001	0,007	0,076	FALSE
0,025	0,307	0,001	0,007	0,041	FALSE
-0,176	0,305	-0,005	0,009	0,263	FALSE
0,055	0,298	0,001	0,006	0,064	FALSE
0,052	0,321	0,001	0,007	0,045	FALSE
-0,043	0,304	-0,001	0,007	0,052	FALSE
0,044	0,304	0,001	0,007	0,063	FALSE
0,038	0,310	0,001	0,007	0,058	FALSE
-0,021	0,300	-0,001	0,010	0,045	FALSE
-0,013	0,324	-0,001	0,008	0,036	FALSE
0,137	0,310	0,007	0,013	0,218	FALSE
-0,010	0,312	0,000	0,009	0,001	FALSE
-0,034	0,309	-0,001	0,006	0,044	FALSE
-0,048	0,294	-0,001	0,009	0,058	FALSE
0,030	0,317	0,002	0,009	0,067	FALSE
0,004	0,298	0,000	0,009	0,012	FALSE
0,100	0,312	0,003	0,007	0,147	FALSE
0,030	0,301	0,000	0,009	0,013	FALSE
-0,022	0,298	-0,001	0,008	0,036	FALSE
-0,036	0,301	-0,002	0,008	0,077	FALSE
-0,066	0,301	-0,001	0,007	0,064	FALSE
0,072	0,306	0,003	0,009	0,111	FALSE
-0,061	0,314	-0,002	0,011	0,067	FALSE
0,044	0,300	0,000	0,007	0,011	FALSE
0,032	0,296	0,001	0,008	0,032	FALSE
-0,143	0,315	-0,006	0,011	0,206	FALSE
-0,127	0,312	-0,005	0,012	0,176	FALSE
0,074	0,309	0,002	0,011	0,084	FALSE

-0,045	0,321	-0,001	0,007	0,043	FALSE
-0,139	0,301	-0,006	0,011	0,209	FALSE
0,020	0,305	0,001	0,013	0,026	FALSE
0,077	0,293	0,003	0,009	0,120	FALSE
-0,096	0,300	-0,002	0,009	0,103	FALSE
-0,001	0,303	0,000	0,012	0,009	FALSE
0,034	0,313	0,001	0,010	0,049	FALSE
0,081	0,309	0,002	0,007	0,112	FALSE
-0,021	0,291	-0,002	0,012	0,055	FALSE
0,079	0,311	0,002	0,009	0,074	FALSE
-0,122	0,311	-0,005	0,010	0,193	FALSE
-0,025	0,316	-0,001	0,009	0,030	FALSE
0,004	0,318	0,000	0,007	0,020	FALSE
-0,010	0,301	-0,001	0,010	0,025	FALSE
-0,034	0,322	-0,001	0,009	0,041	FALSE
-0,028	0,306	-0,001	0,012	0,016	FALSE
0,083	0,310	0,002	0,009	0,085	FALSE
0,063	0,306	0,002	0,013	0,057	FALSE
-0,019	0,312	0,000	0,012	0,003	FALSE
0,009	0,302	0,000	0,011	0,012	FALSE
0,000	0,298	0,000	0,011	0,010	FALSE
-0,041	0,320	-0,001	0,008	0,040	FALSE
0,091	0,312	0,002	0,008	0,105	FALSE
0,066	0,302	0,002	0,007	0,106	FALSE
0,060	0,311	0,002	0,010	0,066	FALSE
0,079	0,310	0,002	0,007	0,113	FALSE
0,035	0,301	0,001	0,012	0,028	FALSE
-0,116	0,312	-0,004	0,011	0,139	FALSE
0,069	0,313	0,002	0,007	0,088	FALSE
-0,063	0,316	-0,001	0,008	0,064	FALSE
-0,064	0,295	-0,001	0,007	0,075	FALSE
0,076	0,320	0,002	0,010	0,092	FALSE
-0,052	0,294	-0,001	0,006	0,053	FALSE
0,000	0,308	0,000	0,009	0,017	FALSE
-0,171	0,302	-0,007	0,012	0,253	FALSE
-0,140	0,315	-0,005	0,012	0,177	FALSE
0,141	0,313	0,005	0,011	0,174	FALSE
0,049	0,301	0,001	0,006	0,078	FALSE
-0,068	0,306	-0,003	0,011	0,105	FALSE
-0,061	0,315	-0,002	0,007	0,091	FALSE
-0,107	0,303	-0,003	0,008	0,150	FALSE
-0,027	0,323	-0,002	0,010	0,056	FALSE
0,020	0,300	0,001	0,012	0,025	FALSE
0,059	0,309	0,002	0,013	0,045	FALSE
0,038	0,307	0,001	0,013	0,028	FALSE
0,023	0,300	0,001	0,011	0,047	FALSE
-0,016	0,324	-0,001	0,012	0,041	FALSE
-0,005	0,323	0,000	0,009	0,012	FALSE
-0,018	0,296	0,000	0,009	0,017	FALSE
0,145	0,296	0,004	0,008	0,209	FALSE
0,022	0,296	0,001	0,010	0,023	FALSE
0,006	0,292	-0,002	0,012	0,051	FALSE
-0,107	0,302	-0,003	0,009	0,156	FALSE

-0,071	0,322	-0,003	0,010	0,101	FALSE
-0,024	0,307	-0,001	0,007	0,042	FALSE
-0,077	0,306	-0,003	0,008	0,118	FALSE
-0,099	0,306	-0,003	0,008	0,153	FALSE
-0,057	0,306	-0,002	0,008	0,091	FALSE
-0,120	0,311	-0,004	0,011	0,143	FALSE
-0,076	0,312	-0,002	0,009	0,080	FALSE
-0,150	0,307	-0,005	0,011	0,171	FALSE
-0,125	0,308	-0,005	0,012	0,174	FALSE
-0,121	0,304	-0,005	0,013	0,165	FALSE
0,025	0,301	0,001	0,011	0,022	FALSE
0,015	0,302	0,001	0,009	0,047	FALSE
-0,085	0,308	-0,002	0,006	0,122	FALSE
-0,071	0,307	-0,002	0,006	0,108	FALSE
-0,065	0,301	-0,002	0,012	0,078	FALSE
-0,131	0,306	-0,005	0,010	0,196	FALSE
-0,134	0,297	-0,004	0,009	0,208	FALSE
-0,106	0,314	-0,006	0,013	0,184	FALSE
0,011	0,309	0,000	0,010	0,012	FALSE
0,090	0,305	0,002	0,006	0,114	FALSE
-0,195	0,298	-0,005	0,007	0,314	FALSE
-0,069	0,305	-0,003	0,011	0,090	FALSE
-0,141	0,315	-0,004	0,009	0,178	FALSE
0,052	0,313	0,002	0,012	0,066	FALSE
0,047	0,322	0,002	0,012	0,056	FALSE
-0,090	0,308	-0,004	0,013	0,138	FALSE
0,006	0,299	0,000	0,012	0,001	FALSE
0,065	0,303	0,001	0,007	0,068	FALSE
0,065	0,327	0,001	0,007	0,054	FALSE
-0,033	0,306	-0,001	0,007	0,048	FALSE
0,039	0,308	0,001	0,010	0,047	FALSE
0,123	0,286	0,005	0,012	0,157	FALSE
0,072	0,316	0,003	0,010	0,093	FALSE
0,086	0,315	0,002	0,006	0,096	FALSE
-0,034	0,308	-0,002	0,013	0,050	FALSE
0,020	0,304	0,001	0,006	0,031	FALSE
-0,014	0,318	0,000	0,007	0,005	FALSE
-0,050	0,300	-0,002	0,010	0,060	FALSE
-0,162	0,292	-0,004	0,008	0,222	FALSE
-0,089	0,317	-0,002	0,007	0,132	FALSE
-0,168	0,297	-0,007	0,013	0,256	FALSE
-0,101	0,317	-0,003	0,011	0,123	FALSE
-0,015	0,283	-0,001	0,010	0,031	FALSE
-0,150	0,313	-0,004	0,009	0,184	FALSE
-0,011	0,291	0,000	0,009	0,012	FALSE
-0,035	0,305	-0,002	0,008	0,072	FALSE
0,049	0,303	0,001	0,007	0,051	FALSE
0,049	0,289	0,002	0,008	0,077	FALSE
-0,026	0,289	-0,001	0,012	0,043	FALSE
0,075	0,309	0,002	0,007	0,089	FALSE
0,020	0,316	0,000	0,007	0,004	FALSE
-0,057	0,281	-0,001	0,007	0,044	FALSE
0,127	0,304	0,003	0,007	0,149	FALSE

-0,121	0,306	-0,003	0,006	0,164	FALSE
-0,029	0,312	-0,001	0,013	0,016	FALSE
0,019	0,321	0,001	0,009	0,025	FALSE
-0,031	0,308	-0,001	0,007	0,030	FALSE
0,070	0,301	0,003	0,011	0,096	FALSE
-0,011	0,314	-0,001	0,011	0,035	FALSE
-0,028	0,310	-0,002	0,010	0,075	FALSE
-0,044	0,310	-0,002	0,012	0,049	FALSE
-0,025	0,299	-0,001	0,012	0,029	FALSE
0,045	0,307	0,002	0,011	0,058	FALSE
-0,071	0,299	-0,002	0,008	0,111	FALSE
-0,044	0,313	-0,002	0,009	0,063	FALSE
0,144	0,297	0,005	0,009	0,230	FALSE
-0,095	0,310	-0,003	0,011	0,101	FALSE
0,015	0,309	0,000	0,013	0,009	FALSE
0,002	0,276	0,001	0,009	0,028	FALSE
0,067	0,303	0,002	0,011	0,087	FALSE
-0,084	0,307	-0,002	0,010	0,095	FALSE
0,061	0,291	0,003	0,012	0,093	FALSE
-0,117	0,306	-0,003	0,006	0,163	FALSE
-0,034	0,308	-0,001	0,011	0,041	FALSE
0,021	0,326	0,001	0,007	0,027	FALSE
-0,047	0,300	-0,001	0,007	0,050	FALSE
0,154	0,318	0,006	0,012	0,196	FALSE
0,062	0,307	0,001	0,007	0,053	FALSE
-0,040	0,300	-0,001	0,009	0,025	FALSE
-0,025	0,308	-0,001	0,012	0,025	FALSE
-0,010	0,306	0,001	0,013	0,017	FALSE
0,033	0,300	0,001	0,007	0,054	FALSE
-0,067	0,304	-0,002	0,012	0,077	FALSE
-0,085	0,308	-0,001	0,007	0,075	FALSE
-0,036	0,299	-0,001	0,007	0,070	FALSE
-0,087	0,303	-0,003	0,012	0,090	FALSE
-0,073	0,319	-0,002	0,008	0,087	FALSE
0,000	0,308	0,000	0,008	0,001	FALSE
0,006	0,303	0,000	0,010	0,014	FALSE
-0,049	0,312	-0,002	0,011	0,063	FALSE
-0,113	0,311	-0,002	0,006	0,155	FALSE
-0,040	0,298	-0,001	0,009	0,048	FALSE
0,075	0,308	0,004	0,011	0,134	FALSE
-0,124	0,303	-0,003	0,006	0,165	FALSE
0,165	0,317	0,004	0,008	0,239	FALSE
0,014	0,309	0,000	0,007	0,011	FALSE
0,019	0,311	0,000	0,008	0,003	FALSE
-0,032	0,316	-0,001	0,009	0,048	FALSE
-0,014	0,310	-0,001	0,008	0,027	FALSE
-0,048	0,312	-0,002	0,010	0,055	FALSE
-0,050	0,307	-0,002	0,010	0,059	FALSE
-0,079	0,304	-0,002	0,010	0,092	FALSE
-0,082	0,298	-0,002	0,008	0,100	FALSE
-0,038	0,314	-0,001	0,011	0,046	FALSE
0,176	0,297	0,005	0,008	0,254	FALSE
0,028	0,314	0,001	0,008	0,049	FALSE

-0,192	0,303	-0,007	0,011	0,267	FALSE
-0,005	0,297	0,000	0,011	0,008	FALSE
-0,009	0,299	-0,001	0,011	0,016	FALSE
0,011	0,309	0,000	0,011	0,002	FALSE
-0,002	0,300	0,000	0,008	0,003	FALSE
0,003	0,307	0,001	0,011	0,018	FALSE
-0,053	0,313	-0,003	0,009	0,109	FALSE
0,058	0,299	0,002	0,008	0,105	FALSE
-0,061	0,301	-0,002	0,011	0,072	FALSE
-0,147	0,303	-0,005	0,010	0,210	FALSE
0,079	0,317	0,002	0,010	0,094	FALSE
-0,008	0,307	0,000	0,011	0,009	FALSE
-0,078	0,302	-0,002	0,007	0,102	FALSE
-0,002	0,307	0,000	0,012	0,009	FALSE
0,110	0,300	0,004	0,011	0,130	FALSE
0,019	0,294	0,001	0,006	0,048	FALSE
0,016	0,311	0,000	0,010	0,004	FALSE
0,019	0,299	0,000	0,010	0,012	FALSE
0,068	0,301	0,002	0,009	0,098	FALSE
-0,012	0,308	0,000	0,008	0,019	FALSE
0,071	0,317	0,002	0,010	0,081	FALSE
-0,060	0,299	-0,001	0,008	0,047	FALSE
-0,001	0,304	0,001	0,012	0,024	FALSE
-0,114	0,297	-0,004	0,010	0,142	FALSE
-0,018	0,300	0,000	0,007	0,004	FALSE
0,138	0,296	0,005	0,009	0,211	FALSE
0,006	0,304	0,000	0,007	0,017	FALSE
0,048	0,295	0,002	0,008	0,099	FALSE
0,003	0,310	-0,001	0,012	0,027	FALSE
0,037	0,302	0,000	0,012	0,011	FALSE
0,074	0,323	0,002	0,013	0,073	FALSE
0,069	0,322	0,002	0,010	0,070	FALSE
-0,021	0,298	-0,002	0,013	0,049	FALSE
0,223	0,292	0,008	0,011	0,340	FALSE
-0,133	0,305	-0,005	0,013	0,147	FALSE
-0,011	0,313	0,000	0,008	0,009	FALSE
0,059	0,277	0,004	0,011	0,141	FALSE
-0,092	0,306	-0,004	0,011	0,134	FALSE
0,099	0,306	0,003	0,009	0,147	FALSE
-0,082	0,301	-0,003	0,010	0,109	FALSE
0,128	0,316	0,003	0,007	0,160	FALSE
0,112	0,317	0,004	0,011	0,152	FALSE
-0,053	0,308	-0,001	0,008	0,059	FALSE
0,092	0,298	0,002	0,007	0,146	FALSE
-0,011	0,303	0,000	0,008	0,008	FALSE
0,018	0,310	0,001	0,008	0,046	FALSE
0,040	0,305	0,001	0,009	0,059	FALSE
-0,042	0,311	-0,001	0,010	0,046	FALSE
0,090	0,317	0,002	0,007	0,092	FALSE
-0,010	0,308	0,000	0,009	0,013	FALSE
0,087	0,309	0,003	0,011	0,112	FALSE
-0,164	0,306	-0,007	0,013	0,239	FALSE
0,064	0,303	0,001	0,007	0,079	FALSE

-0,067	0,307	-0,002	0,011	0,085	FALSE
0,094	0,309	0,003	0,009	0,134	FALSE
0,034	0,315	0,002	0,011	0,058	FALSE
0,056	0,315	0,001	0,007	0,065	FALSE
0,045	0,327	0,001	0,007	0,046	FALSE
-0,117	0,312	-0,003	0,007	0,155	FALSE
-0,089	0,309	-0,002	0,008	0,099	FALSE
0,081	0,310	0,001	0,006	0,076	FALSE
-0,030	0,308	-0,001	0,010	0,035	FALSE
-0,017	0,305	-0,001	0,010	0,029	FALSE
-0,007	0,303	0,000	0,010	0,006	FALSE
-0,135	0,306	-0,005	0,013	0,170	FALSE
-0,041	0,317	-0,002	0,012	0,072	FALSE
0,020	0,317	0,000	0,007	0,014	FALSE
-0,120	0,314	-0,003	0,008	0,152	FALSE
-0,122	0,296	-0,003	0,009	0,132	FALSE
-0,084	0,307	-0,004	0,013	0,122	FALSE
-0,104	0,294	-0,005	0,012	0,165	FALSE
-0,089	0,321	-0,003	0,011	0,122	FALSE
0,044	0,302	0,002	0,012	0,076	FALSE
-0,028	0,330	-0,001	0,013	0,023	FALSE
0,135	0,315	0,005	0,012	0,178	FALSE
0,129	0,297	0,003	0,011	0,123	FALSE
0,134	0,303	0,003	0,011	0,121	FALSE
0,032	0,304	0,001	0,012	0,027	FALSE
0,054	0,317	0,001	0,007	0,058	FALSE
-0,047	0,303	-0,001	0,008	0,039	FALSE
0,055	0,303	0,003	0,013	0,077	FALSE
0,085	0,308	0,004	0,013	0,125	FALSE
0,033	0,310	0,001	0,013	0,027	FALSE
-0,014	0,302	0,000	0,007	0,013	FALSE
0,066	0,311	0,002	0,012	0,070	FALSE
0,055	0,299	0,002	0,010	0,059	FALSE
0,091	0,310	0,003	0,010	0,113	FALSE
-0,094	0,307	-0,004	0,011	0,144	FALSE
-0,042	0,286	-0,002	0,008	0,071	FALSE
-0,025	0,317	0,000	0,007	0,023	FALSE
0,040	0,296	0,001	0,008	0,025	FALSE
-0,003	0,318	0,000	0,010	0,006	FALSE
0,206	0,302	0,004	0,006	0,315	FALSE
0,055	0,317	0,003	0,012	0,088	FALSE
0,007	0,302	0,000	0,006	0,021	FALSE
-0,022	0,315	-0,001	0,013	0,025	FALSE
-0,056	0,313	-0,001	0,007	0,062	FALSE
-0,028	0,317	-0,001	0,012	0,041	FALSE
0,073	0,315	0,002	0,008	0,087	FALSE
-0,011	0,306	0,000	0,008	0,002	FALSE
-0,048	0,304	-0,001	0,007	0,051	FALSE
0,049	0,306	0,002	0,012	0,048	FALSE
-0,060	0,292	-0,002	0,011	0,054	FALSE
-0,077	0,318	-0,002	0,010	0,080	FALSE
-0,067	0,327	-0,001	0,010	0,052	FALSE
-0,065	0,303	-0,002	0,011	0,058	FALSE

-0,067	0,307	-0,002	0,011	0,077	FALSE
-0,020	0,305	-0,001	0,009	0,022	FALSE
0,020	0,305	0,001	0,007	0,045	FALSE
0,005	0,297	0,000	0,012	0,006	FALSE
-0,037	0,300	0,000	0,013	0,005	FALSE
-0,030	0,291	0,000	0,013	0,005	FALSE
0,132	0,319	0,003	0,008	0,162	FALSE
0,016	0,311	0,001	0,008	0,022	FALSE
-0,064	0,311	-0,002	0,013	0,065	FALSE
0,108	0,323	0,002	0,007	0,133	FALSE
-0,042	0,297	-0,001	0,011	0,038	FALSE
-0,005	0,304	0,000	0,011	0,004	FALSE
0,000	0,311	0,001	0,007	0,028	FALSE
-0,024	0,316	0,000	0,008	0,007	FALSE
-0,034	0,311	-0,001	0,009	0,025	FALSE
-0,059	0,303	-0,001	0,007	0,076	FALSE
0,154	0,308	0,003	0,007	0,174	FALSE
0,091	0,299	0,004	0,011	0,143	FALSE
0,016	0,300	0,000	0,009	0,001	FALSE
0,152	0,298	0,004	0,007	0,243	FALSE
0,105	0,315	0,003	0,006	0,171	FALSE
0,115	0,306	0,004	0,010	0,161	FALSE
0,118	0,300	0,004	0,010	0,163	FALSE
0,140	0,306	0,005	0,011	0,206	FALSE
0,097	0,299	0,002	0,008	0,121	FALSE
-0,025	0,297	-0,001	0,010	0,031	FALSE
0,014	0,314	0,000	0,009	0,007	FALSE
0,018	0,304	0,001	0,011	0,016	FALSE
0,091	0,305	0,003	0,011	0,101	FALSE
0,039	0,312	0,001	0,008	0,048	FALSE
0,104	0,307	0,002	0,006	0,128	FALSE
0,077	0,314	0,003	0,012	0,087	FALSE
0,035	0,315	0,001	0,012	0,036	FALSE
-0,104	0,309	-0,003	0,008	0,120	FALSE
-0,011	0,311	0,000	0,007	0,004	FALSE
-0,058	0,286	-0,002	0,007	0,082	FALSE
0,054	0,304	0,002	0,012	0,063	FALSE
-0,021	0,312	-0,001	0,011	0,043	FALSE
0,113	0,313	0,003	0,007	0,162	FALSE
0,140	0,313	0,004	0,008	0,206	FALSE
0,032	0,320	0,001	0,008	0,027	FALSE
0,059	0,286	0,002	0,010	0,063	FALSE
0,029	0,311	0,001	0,008	0,046	FALSE
0,006	0,314	0,001	0,009	0,027	FALSE
-0,068	0,299	-0,001	0,008	0,049	FALSE
-0,016	0,316	0,000	0,007	0,013	FALSE
0,172	0,309	0,004	0,007	0,270	FALSE
0,042	0,305	0,001	0,011	0,027	FALSE
-0,027	0,316	-0,001	0,010	0,036	FALSE
-0,038	0,301	-0,001	0,010	0,053	FALSE
-0,140	0,302	-0,003	0,007	0,186	FALSE
0,045	0,311	0,002	0,012	0,052	FALSE
-0,061	0,304	-0,003	0,013	0,076	FALSE

0,035	0,316	0,001	0,007	0,051	FALSE
-0,011	0,320	0,000	0,011	0,015	FALSE
-0,102	0,318	-0,003	0,010	0,129	FALSE
-0,127	0,290	-0,004	0,009	0,183	FALSE
-0,007	0,303	-0,001	0,013	0,026	FALSE
-0,082	0,294	-0,005	0,013	0,147	FALSE
-0,090	0,313	-0,002	0,007	0,132	FALSE
0,066	0,315	0,003	0,011	0,107	FALSE
0,093	0,311	0,002	0,007	0,138	FALSE
0,041	0,312	0,001	0,008	0,060	FALSE
0,007	0,304	0,000	0,008	0,005	FALSE
-0,012	0,311	-0,001	0,007	0,031	FALSE
-0,011	0,312	0,000	0,009	0,005	FALSE
-0,007	0,293	0,000	0,008	0,001	FALSE
0,026	0,310	0,002	0,012	0,048	FALSE
0,005	0,311	0,000	0,007	0,001	FALSE
0,134	0,304	0,005	0,010	0,221	FALSE
0,080	0,315	0,003	0,013	0,094	FALSE
-0,024	0,319	0,000	0,009	0,018	FALSE
-0,160	0,292	-0,005	0,008	0,238	FALSE
0,010	0,313	0,000	0,008	0,010	FALSE
0,079	0,314	0,002	0,008	0,103	FALSE
-0,125	0,299	-0,003	0,007	0,169	FALSE
-0,046	0,291	-0,001	0,010	0,029	FALSE
-0,097	0,295	-0,002	0,010	0,097	FALSE
-0,104	0,303	-0,003	0,009	0,134	FALSE
-0,056	0,303	-0,001	0,008	0,070	FALSE
0,150	0,302	0,004	0,008	0,231	FALSE
-0,111	0,301	-0,004	0,009	0,161	FALSE
0,075	0,321	0,003	0,012	0,087	FALSE
0,010	0,299	0,000	0,007	0,009	FALSE
-0,084	0,322	-0,002	0,007	0,115	FALSE
0,000	0,309	0,000	0,012	0,009	FALSE
-0,041	0,300	-0,001	0,008	0,046	FALSE
0,000	0,315	-0,001	0,010	0,024	FALSE
0,075	0,304	0,002	0,012	0,064	FALSE
0,008	0,295	0,000	0,012	0,012	FALSE
-0,015	0,304	0,000	0,009	0,009	FALSE
-0,046	0,322	-0,001	0,007	0,061	FALSE
0,057	0,311	0,001	0,007	0,069	FALSE
0,061	0,307	0,002	0,010	0,074	FALSE
-0,047	0,305	-0,002	0,013	0,053	FALSE
0,051	0,310	0,002	0,012	0,071	FALSE
0,136	0,297	0,006	0,012	0,220	FALSE
-0,107	0,311	-0,003	0,007	0,158	FALSE
-0,013	0,297	0,000	0,008	0,009	FALSE
0,094	0,319	0,002	0,008	0,109	FALSE
0,119	0,298	0,002	0,007	0,144	FALSE
-0,072	0,294	-0,002	0,006	0,111	FALSE
0,023	0,305	0,001	0,012	0,036	FALSE
0,095	0,297	0,003	0,009	0,144	FALSE
0,010	0,317	0,000	0,010	0,005	FALSE
-0,097	0,299	-0,003	0,009	0,138	FALSE

-0,015	0,310	0,000	0,011	0,011	FALSE
-0,010	0,300	0,000	0,008	0,016	FALSE
0,091	0,309	0,002	0,009	0,092	FALSE
-0,032	0,304	-0,001	0,007	0,047	FALSE
0,096	0,303	0,004	0,011	0,131	FALSE
0,058	0,311	0,001	0,007	0,070	FALSE
-0,060	0,315	-0,002	0,010	0,076	FALSE
-0,015	0,305	-0,001	0,009	0,038	FALSE
-0,073	0,314	-0,002	0,010	0,094	FALSE
0,015	0,311	0,001	0,010	0,029	FALSE
0,004	0,309	-0,001	0,011	0,020	FALSE
-0,023	0,310	-0,001	0,008	0,040	FALSE
-0,013	0,302	0,000	0,009	0,015	FALSE
0,098	0,302	0,003	0,013	0,098	FALSE
0,020	0,318	0,001	0,011	0,029	FALSE
0,108	0,285	0,005	0,009	0,219	FALSE
-0,068	0,295	-0,004	0,013	0,131	FALSE
-0,176	0,308	-0,007	0,011	0,261	FALSE
0,006	0,307	0,000	0,011	0,015	FALSE
-0,026	0,307	-0,002	0,010	0,064	FALSE
0,037	0,317	0,002	0,011	0,059	FALSE
0,000	0,309	0,000	0,007	0,004	FALSE
0,020	0,308	0,001	0,007	0,028	FALSE
-0,023	0,300	-0,001	0,012	0,040	FALSE
-0,023	0,299	0,000	0,010	0,018	FALSE
-0,028	0,288	-0,002	0,011	0,051	FALSE
-0,076	0,314	-0,001	0,007	0,080	FALSE
-0,016	0,307	0,000	0,006	0,024	FALSE
0,002	0,302	0,000	0,009	0,004	FALSE
0,004	0,309	0,000	0,009	0,015	FALSE
-0,063	0,297	-0,001	0,007	0,077	FALSE
-0,076	0,315	-0,001	0,007	0,074	FALSE
0,063	0,304	0,002	0,012	0,054	FALSE
0,029	0,304	0,001	0,007	0,029	FALSE
0,032	0,315	0,001	0,008	0,040	FALSE
-0,026	0,297	0,000	0,007	0,012	FALSE
0,017	0,294	0,001	0,007	0,039	FALSE
0,053	0,296	0,001	0,009	0,048	FALSE
-0,015	0,304	-0,001	0,006	0,034	FALSE
-0,086	0,290	-0,002	0,008	0,095	FALSE
-0,065	0,301	-0,002	0,006	0,094	FALSE
-0,038	0,296	0,000	0,010	0,005	FALSE
-0,046	0,303	-0,003	0,013	0,074	FALSE
0,105	0,299	0,004	0,009	0,157	FALSE
-0,057	0,308	-0,001	0,008	0,050	FALSE
-0,052	0,318	-0,002	0,009	0,077	FALSE
-0,029	0,311	0,000	0,006	0,008	FALSE
0,053	0,310	0,001	0,008	0,072	FALSE
0,008	0,302	0,000	0,006	0,007	FALSE
0,188	0,296	0,004	0,006	0,272	FALSE
-0,003	0,313	0,000	0,008	0,009	FALSE
-0,024	0,323	-0,001	0,007	0,033	FALSE
0,011	0,306	0,000	0,008	0,021	FALSE

0,055	0,301	0,001	0,007	0,072	FALSE
0,092	0,306	0,002	0,006	0,108	FALSE
0,186	0,302	0,005	0,009	0,248	FALSE
-0,050	0,306	-0,001	0,007	0,037	FALSE
-0,096	0,312	-0,002	0,007	0,107	FALSE
-0,126	0,302	-0,003	0,007	0,164	FALSE
0,050	0,309	0,001	0,008	0,042	FALSE
-0,020	0,301	0,000	0,008	0,004	FALSE
0,040	0,296	0,001	0,007	0,066	FALSE
-0,028	0,289	-0,001	0,009	0,035	FALSE
-0,025	0,307	-0,001	0,009	0,027	FALSE
-0,059	0,302	-0,001	0,007	0,071	FALSE
0,086	0,303	0,003	0,010	0,095	FALSE
0,068	0,313	0,002	0,011	0,070	FALSE
0,039	0,305	0,001	0,007	0,036	FALSE
0,003	0,309	0,000	0,012	0,000	FALSE
0,075	0,309	0,002	0,008	0,091	FALSE
-0,087	0,302	-0,002	0,009	0,099	FALSE
0,136	0,294	0,003	0,008	0,153	FALSE
-0,022	0,287	-0,002	0,011	0,065	FALSE
0,028	0,307	0,001	0,013	0,038	FALSE
0,041	0,295	0,001	0,010	0,020	FALSE
-0,043	0,309	0,000	0,007	0,013	FALSE
0,008	0,316	0,000	0,012	0,007	FALSE
-0,016	0,305	-0,001	0,013	0,029	FALSE
0,061	0,300	0,002	0,012	0,053	FALSE
0,124	0,309	0,004	0,009	0,193	FALSE
-0,159	0,269	-0,004	0,009	0,207	FALSE
-0,126	0,312	-0,003	0,008	0,141	FALSE
0,019	0,310	0,000	0,007	0,009	FALSE
-0,009	0,307	0,000	0,013	0,007	FALSE
0,042	0,316	0,002	0,013	0,047	FALSE
0,077	0,298	0,003	0,011	0,093	FALSE
-0,010	0,307	0,000	0,010	0,016	FALSE
-0,072	0,304	-0,002	0,010	0,066	FALSE
0,052	0,320	0,001	0,008	0,062	FALSE
-0,095	0,298	-0,003	0,009	0,118	FALSE
0,088	0,301	0,002	0,007	0,103	FALSE
0,096	0,316	0,004	0,013	0,110	FALSE
-0,087	0,297	-0,003	0,010	0,120	FALSE
-0,126	0,299	-0,004	0,012	0,151	FALSE
0,081	0,320	0,002	0,008	0,076	FALSE
0,031	0,306	0,000	0,007	0,021	FALSE
0,053	0,298	0,002	0,009	0,065	FALSE
0,024	0,306	0,000	0,006	0,007	FALSE
0,026	0,312	0,001	0,011	0,038	FALSE
-0,007	0,293	0,000	0,012	0,001	FALSE
-0,026	0,308	0,000	0,007	0,018	FALSE
0,045	0,308	0,001	0,007	0,047	FALSE
-0,004	0,299	0,000	0,008	0,017	FALSE
0,122	0,306	0,003	0,006	0,188	FALSE
0,009	0,304	0,000	0,012	0,009	FALSE
0,022	0,301	0,001	0,011	0,041	FALSE

0,035	0,299	0,001	0,008	0,044	FALSE
-0,112	0,317	-0,003	0,008	0,144	FALSE
0,053	0,311	0,002	0,012	0,056	FALSE
-0,093	0,299	-0,003	0,009	0,128	FALSE
0,008	0,307	0,000	0,007	0,008	FALSE
-0,041	0,309	-0,001	0,008	0,054	FALSE
-0,028	0,307	-0,001	0,008	0,050	FALSE
0,142	0,308	0,006	0,011	0,211	FALSE
-0,061	0,288	-0,001	0,007	0,072	FALSE
0,144	0,308	0,006	0,012	0,204	FALSE
-0,096	0,303	-0,004	0,011	0,131	FALSE
0,042	0,311	0,001	0,011	0,046	FALSE
0,145	0,304	0,004	0,008	0,201	FALSE
0,020	0,301	0,000	0,007	0,017	FALSE
-0,120	0,321	-0,003	0,008	0,155	FALSE
-0,131	0,305	-0,003	0,007	0,194	FALSE
-0,148	0,311	-0,004	0,008	0,213	FALSE
-0,189	0,305	-0,008	0,013	0,267	FALSE
0,056	0,301	0,002	0,012	0,073	FALSE
-0,024	0,311	-0,001	0,012	0,033	FALSE
-0,140	0,294	-0,006	0,012	0,208	FALSE
-0,108	0,301	-0,004	0,012	0,144	FALSE
-0,135	0,306	-0,006	0,013	0,190	FALSE
-0,018	0,315	0,000	0,007	0,026	FALSE
0,174	0,285	0,007	0,011	0,269	FALSE
-0,159	0,292	-0,004	0,007	0,230	FALSE
0,076	0,300	0,003	0,010	0,111	FALSE
0,098	0,309	0,002	0,009	0,090	FALSE
0,158	0,296	0,004	0,007	0,240	FALSE
-0,059	0,306	-0,001	0,006	0,059	FALSE
0,067	0,314	0,003	0,013	0,091	FALSE
0,034	0,299	0,001	0,006	0,060	FALSE
0,077	0,298	0,002	0,007	0,125	FALSE
-0,003	0,306	0,000	0,008	0,009	FALSE
-0,031	0,310	-0,002	0,010	0,059	FALSE
-0,045	0,317	-0,002	0,013	0,051	FALSE
-0,056	0,299	-0,001	0,010	0,047	FALSE
-0,111	0,290	-0,004	0,012	0,134	FALSE
0,059	0,311	0,002	0,013	0,071	FALSE
-0,067	0,286	-0,001	0,006	0,047	FALSE
-0,027	0,298	0,000	0,008	0,021	FALSE
0,122	0,298	0,004	0,008	0,197	FALSE
0,045	0,309	0,001	0,007	0,048	FALSE
-0,021	0,312	-0,001	0,010	0,019	FALSE
0,152	0,305	0,006	0,011	0,244	FALSE
0,000	0,299	-0,001	0,010	0,039	FALSE
0,017	0,293	0,000	0,011	0,007	FALSE
0,147	0,316	0,004	0,008	0,197	FALSE
0,126	0,296	0,003	0,008	0,172	FALSE
0,099	0,303	0,003	0,008	0,133	FALSE
-0,085	0,289	-0,002	0,010	0,088	FALSE
-0,019	0,304	-0,001	0,013	0,018	FALSE
0,038	0,299	0,001	0,009	0,040	FALSE

0,073	0,298	0,002	0,010	0,087	FALSE
-0,069	0,299	-0,001	0,006	0,049	FALSE
0,000	0,324	0,000	0,007	0,001	FALSE
0,006	0,311	0,000	0,008	0,005	FALSE
0,065	0,309	0,003	0,012	0,110	FALSE
0,061	0,298	0,001	0,007	0,071	FALSE
0,041	0,299	0,001	0,006	0,049	FALSE
0,045	0,305	0,001	0,007	0,048	FALSE
0,156	0,315	0,004	0,008	0,201	FALSE
0,056	0,297	0,002	0,007	0,119	FALSE
-0,083	0,307	-0,003	0,009	0,143	FALSE
0,044	0,302	0,002	0,009	0,072	FALSE
0,082	0,305	0,002	0,009	0,098	FALSE
0,056	0,300	0,003	0,013	0,100	FALSE
0,022	0,307	0,001	0,007	0,061	FALSE
0,057	0,285	0,001	0,008	0,068	FALSE
0,008	0,297	0,001	0,007	0,040	FALSE
0,032	0,306	0,001	0,007	0,072	FALSE
0,065	0,300	0,002	0,008	0,074	FALSE
-0,112	0,298	-0,004	0,009	0,189	FALSE
0,060	0,291	0,001	0,007	0,064	FALSE
-0,150	0,290	-0,004	0,008	0,211	FALSE
0,098	0,296	0,002	0,008	0,093	FALSE
0,051	0,302	0,002	0,007	0,108	FALSE
0,031	0,298	0,002	0,013	0,069	FALSE
0,071	0,302	0,002	0,008	0,095	FALSE
0,117	0,298	0,002	0,007	0,136	FALSE
0,048	0,289	0,001	0,007	0,067	FALSE
-0,089	0,308	-0,002	0,006	0,112	FALSE
-0,161	0,307	-0,005	0,010	0,205	FALSE
0,127	0,299	0,005	0,009	0,222	FALSE
0,069	0,305	0,002	0,010	0,097	FALSE
0,196	0,309	0,005	0,007	0,292	FALSE
-0,114	0,300	-0,005	0,012	0,156	FALSE
-0,057	0,297	-0,002	0,007	0,092	FALSE
-0,055	0,311	-0,001	0,007	0,073	FALSE
-0,083	0,308	-0,002	0,007	0,093	FALSE
0,025	0,313	0,001	0,012	0,021	FALSE
0,075	0,298	0,002	0,007	0,101	FALSE
-0,082	0,307	-0,001	0,007	0,081	FALSE
-0,041	0,318	-0,002	0,013	0,055	FALSE
-0,177	0,294	-0,006	0,010	0,272	FALSE
-0,088	0,301	-0,003	0,008	0,138	FALSE
0,029	0,320	0,002	0,011	0,055	FALSE
-0,047	0,303	-0,001	0,012	0,045	FALSE
0,026	0,302	0,000	0,006	0,013	FALSE
-0,043	0,314	0,000	0,007	0,021	FALSE
-0,185	0,302	-0,004	0,007	0,267	FALSE
-0,054	0,307	-0,001	0,007	0,049	FALSE
0,057	0,308	0,001	0,008	0,062	FALSE
0,030	0,292	0,001	0,008	0,064	FALSE
0,041	0,303	0,001	0,007	0,037	FALSE
0,025	0,308	0,001	0,006	0,062	FALSE

-0,042	0,314	-0,001	0,012	0,030	FALSE
-0,094	0,302	-0,004	0,010	0,156	FALSE
-0,078	0,301	-0,003	0,011	0,090	FALSE
-0,039	0,327	-0,001	0,007	0,050	FALSE
-0,064	0,296	-0,002	0,008	0,085	FALSE
-0,038	0,311	-0,002	0,010	0,056	FALSE
-0,045	0,312	-0,002	0,009	0,072	FALSE
0,025	0,303	0,000	0,010	0,015	FALSE
-0,043	0,308	-0,001	0,006	0,045	FALSE
0,016	0,314	0,001	0,012	0,028	FALSE
0,085	0,305	0,003	0,013	0,088	FALSE
0,049	0,305	0,002	0,013	0,066	FALSE
0,014	0,312	0,001	0,009	0,039	FALSE
0,084	0,318	0,002	0,007	0,104	FALSE
-0,023	0,316	0,000	0,010	0,013	FALSE
-0,089	0,293	-0,003	0,010	0,100	FALSE
-0,104	0,309	-0,002	0,007	0,145	FALSE
0,012	0,308	0,000	0,006	0,021	FALSE
0,105	0,313	0,003	0,008	0,165	FALSE
0,090	0,315	0,003	0,010	0,135	FALSE
-0,088	0,300	-0,002	0,007	0,107	FALSE
0,125	0,321	0,005	0,011	0,180	FALSE
0,085	0,303	0,003	0,008	0,146	FALSE
-0,084	0,297	-0,003	0,010	0,119	FALSE
-0,033	0,289	-0,001	0,013	0,037	FALSE
-0,026	0,316	-0,001	0,013	0,014	FALSE
-0,106	0,299	-0,005	0,011	0,186	FALSE
0,117	0,291	0,002	0,006	0,134	FALSE
-0,123	0,291	-0,006	0,013	0,207	FALSE
-0,044	0,301	-0,001	0,007	0,046	FALSE
0,088	0,288	0,002	0,007	0,113	FALSE
0,062	0,304	0,002	0,008	0,089	FALSE
-0,013	0,314	-0,001	0,013	0,022	FALSE
0,045	0,316	0,001	0,007	0,052	FALSE
-0,002	0,302	0,000	0,012	0,013	FALSE
0,179	0,297	0,004	0,006	0,254	FALSE
-0,041	0,308	-0,002	0,013	0,052	FALSE
-0,101	0,304	-0,005	0,013	0,144	FALSE
-0,089	0,299	-0,002	0,006	0,120	FALSE
-0,121	0,315	-0,005	0,012	0,173	FALSE
-0,124	0,298	-0,006	0,013	0,201	FALSE
0,053	0,282	0,002	0,008	0,100	FALSE
0,040	0,321	0,001	0,010	0,045	FALSE
-0,035	0,296	-0,001	0,009	0,063	FALSE
-0,090	0,305	-0,003	0,009	0,135	FALSE
-0,089	0,306	-0,002	0,007	0,091	FALSE
-0,093	0,301	-0,002	0,007	0,122	FALSE
-0,043	0,303	-0,001	0,007	0,076	FALSE
0,087	0,305	0,002	0,007	0,129	FALSE
0,127	0,309	0,003	0,006	0,196	FALSE
-0,112	0,319	-0,002	0,006	0,123	FALSE
0,053	0,314	0,003	0,012	0,077	FALSE
0,119	0,300	0,005	0,012	0,160	FALSE

-0,057	0,302	-0,002	0,011	0,052	FALSE
0,095	0,306	0,003	0,011	0,115	FALSE
-0,111	0,312	-0,004	0,013	0,138	FALSE
0,171	0,302	0,005	0,010	0,209	FALSE
-0,009	0,294	0,000	0,011	0,009	FALSE
0,105	0,309	0,003	0,010	0,111	FALSE
-0,054	0,330	-0,002	0,010	0,056	FALSE
-0,023	0,309	0,000	0,009	0,013	FALSE
0,127	0,305	0,004	0,010	0,158	FALSE
0,123	0,307	0,004	0,010	0,153	FALSE
-0,056	0,321	-0,002	0,013	0,068	FALSE
-0,098	0,307	-0,004	0,010	0,143	FALSE
-0,015	0,295	0,000	0,007	0,010	FALSE
0,038	0,313	0,001	0,011	0,038	FALSE
-0,036	0,307	-0,001	0,013	0,030	FALSE
0,079	0,308	0,002	0,008	0,114	FALSE
0,024	0,319	0,001	0,013	0,034	FALSE
0,034	0,301	0,001	0,010	0,031	FALSE
-0,035	0,309	-0,001	0,012	0,037	FALSE
-0,043	0,297	-0,003	0,012	0,078	FALSE
-0,003	0,291	-0,001	0,007	0,036	FALSE
0,008	0,311	0,000	0,007	0,002	FALSE
0,127	0,315	0,003	0,007	0,162	FALSE
0,087	0,312	0,003	0,012	0,116	FALSE
0,124	0,309	0,005	0,012	0,182	FALSE
-0,131	0,311	-0,002	0,007	0,137	FALSE
0,106	0,306	0,002	0,007	0,131	FALSE
0,029	0,301	0,000	0,007	0,023	FALSE
-0,034	0,302	-0,002	0,010	0,070	FALSE
-0,023	0,302	-0,002	0,010	0,058	FALSE
0,035	0,303	0,001	0,008	0,041	FALSE
-0,030	0,305	-0,001	0,011	0,018	FALSE
0,029	0,306	0,001	0,008	0,046	FALSE
-0,027	0,306	0,000	0,008	0,001	FALSE
-0,008	0,306	0,000	0,006	0,007	FALSE
-0,111	0,311	-0,003	0,009	0,123	TRUE
0,073	0,296	0,002	0,008	0,125	FALSE
0,017	0,294	0,000	0,007	0,017	FALSE
0,033	0,306	0,001	0,006	0,031	FALSE
0,042	0,296	0,001	0,011	0,040	FALSE
0,022	0,301	0,000	0,010	0,010	FALSE
-0,012	0,308	0,000	0,007	0,012	FALSE
-0,089	0,305	-0,004	0,011	0,137	FALSE
0,049	0,301	0,002	0,012	0,058	FALSE
-0,020	0,315	-0,001	0,010	0,034	FALSE
-0,045	0,321	-0,002	0,010	0,066	FALSE
-0,083	0,310	-0,002	0,007	0,087	FALSE
-0,109	0,289	-0,002	0,006	0,139	FALSE
-0,027	0,323	-0,001	0,012	0,027	FALSE
-0,057	0,313	-0,001	0,007	0,055	FALSE
0,029	0,302	0,002	0,010	0,068	FALSE
-0,153	0,309	-0,003	0,007	0,197	FALSE
-0,006	0,321	0,000	0,008	0,002	FALSE

0,133	0,294	0,003	0,008	0,178	FALSE
0,063	0,302	0,003	0,012	0,082	FALSE
-0,094	0,312	-0,004	0,013	0,113	FALSE
-0,058	0,299	-0,001	0,007	0,070	FALSE
0,048	0,324	0,001	0,012	0,043	FALSE
0,045	0,295	0,002	0,011	0,062	FALSE
0,058	0,321	0,001	0,008	0,073	FALSE
-0,154	0,311	-0,004	0,008	0,211	FALSE
0,046	0,297	0,002	0,008	0,068	FALSE
0,079	0,305	0,002	0,008	0,095	FALSE
-0,099	0,306	-0,003	0,008	0,125	FALSE
-0,127	0,320	-0,003	0,007	0,177	FALSE
-0,025	0,307	0,000	0,012	0,013	FALSE
0,075	0,300	0,003	0,008	0,129	FALSE
-0,072	0,309	-0,003	0,010	0,097	FALSE
-0,143	0,308	-0,004	0,010	0,171	FALSE
-0,076	0,302	-0,002	0,007	0,098	FALSE
-0,011	0,299	0,000	0,008	0,012	FALSE
-0,069	0,310	-0,002	0,010	0,085	FALSE
-0,037	0,308	-0,001	0,009	0,042	FALSE
-0,044	0,309	-0,001	0,009	0,048	FALSE
0,138	0,298	0,005	0,011	0,170	FALSE
-0,076	0,303	-0,002	0,007	0,092	FALSE
-0,034	0,309	-0,002	0,012	0,066	FALSE
-0,031	0,296	0,000	0,011	0,000	FALSE
0,032	0,305	0,003	0,012	0,079	FALSE
0,027	0,318	0,001	0,013	0,026	FALSE
0,032	0,297	0,001	0,006	0,035	FALSE
0,148	0,298	0,006	0,012	0,207	FALSE
0,041	0,310	0,001	0,010	0,053	FALSE
0,037	0,316	0,001	0,009	0,036	FALSE
0,075	0,310	0,002	0,009	0,074	FALSE
-0,038	0,315	-0,001	0,013	0,035	FALSE
-0,071	0,303	-0,003	0,013	0,082	FALSE
0,034	0,302	0,001	0,011	0,032	FALSE
0,007	0,292	0,001	0,007	0,028	FALSE
0,020	0,320	0,002	0,013	0,052	FALSE
-0,007	0,314	0,000	0,011	0,015	FALSE
0,085	0,306	0,003	0,012	0,083	FALSE
-0,011	0,316	0,000	0,013	0,003	FALSE
0,087	0,316	0,002	0,008	0,092	FALSE
0,044	0,298	0,001	0,007	0,053	FALSE
0,037	0,312	0,001	0,006	0,031	FALSE
0,033	0,324	0,001	0,007	0,040	FALSE
-0,066	0,311	-0,001	0,008	0,055	FALSE
-0,078	0,314	-0,001	0,007	0,068	FALSE
-0,085	0,299	-0,002	0,007	0,083	FALSE
-0,031	0,307	-0,001	0,009	0,051	FALSE
0,029	0,302	0,001	0,010	0,037	FALSE
0,020	0,327	0,000	0,007	0,009	FALSE
-0,006	0,316	-0,001	0,012	0,024	FALSE
-0,114	0,310	-0,003	0,009	0,142	FALSE
-0,022	0,313	0,000	0,007	0,000	FALSE

0,016	0,309	0,000	0,009	0,014	FALSE
-0,105	0,296	-0,003	0,008	0,136	FALSE
0,205	0,304	0,004	0,007	0,256	FALSE
-0,074	0,301	-0,001	0,008	0,068	FALSE
0,109	0,304	0,003	0,009	0,129	FALSE
0,112	0,308	0,002	0,007	0,099	FALSE
0,015	0,318	0,000	0,009	0,005	FALSE
0,075	0,306	0,002	0,007	0,135	FALSE
-0,011	0,299	0,000	0,007	0,010	FALSE
0,016	0,314	0,000	0,013	0,008	FALSE
0,065	0,309	0,003	0,012	0,088	FALSE
-0,002	0,291	0,000	0,008	0,007	FALSE
-0,045	0,295	-0,001	0,012	0,040	FALSE
-0,051	0,299	-0,001	0,007	0,073	FALSE
-0,053	0,312	-0,002	0,012	0,070	FALSE
0,099	0,307	0,004	0,011	0,157	FALSE
0,006	0,305	0,000	0,007	0,008	FALSE
0,036	0,308	0,001	0,007	0,029	FALSE
0,262	0,290	0,007	0,009	0,409	FALSE
-0,100	0,300	-0,002	0,006	0,115	FALSE
-0,167	0,295	-0,004	0,007	0,262	FALSE
0,045	0,299	0,001	0,006	0,072	FALSE
0,268	0,294	0,007	0,008	0,424	FALSE
-0,006	0,291	0,000	0,008	0,009	FALSE
-0,003	0,305	0,000	0,007	0,012	FALSE
0,024	0,310	0,001	0,007	0,035	FALSE
0,105	0,311	0,003	0,008	0,138	FALSE
0,100	0,309	0,002	0,007	0,140	FALSE
-0,065	0,294	-0,003	0,011	0,102	FALSE
-0,117	0,307	-0,003	0,009	0,156	FALSE
0,086	0,300	0,002	0,007	0,119	FALSE
0,013	0,310	0,000	0,009	0,001	FALSE
-0,065	0,313	-0,003	0,012	0,080	FALSE
-0,041	0,302	-0,001	0,007	0,058	FALSE
-0,097	0,298	-0,005	0,013	0,157	FALSE
-0,062	0,295	-0,003	0,012	0,079	FALSE
-0,011	0,332	0,000	0,013	0,009	FALSE
0,073	0,301	0,002	0,007	0,092	FALSE
-0,052	0,299	-0,001	0,009	0,062	FALSE
0,188	0,298	0,008	0,013	0,286	FALSE
0,076	0,306	0,002	0,006	0,101	FALSE
0,025	0,312	0,002	0,008	0,071	FALSE
-0,090	0,306	-0,002	0,007	0,128	FALSE
0,039	0,307	0,001	0,011	0,023	FALSE
-0,182	0,313	-0,004	0,007	0,234	FALSE
-0,007	0,293	0,000	0,011	0,012	FALSE
-0,100	0,286	-0,003	0,008	0,127	FALSE
-0,119	0,305	-0,003	0,009	0,157	FALSE
0,058	0,319	0,002	0,012	0,062	FALSE
0,007	0,318	0,000	0,009	0,013	FALSE
0,065	0,285	0,003	0,012	0,087	FALSE
-0,032	0,315	-0,001	0,009	0,031	FALSE
-0,060	0,313	-0,001	0,007	0,072	FALSE

0,042	0,308	0,001	0,008	0,050	FALSE
0,119	0,315	0,003	0,009	0,131	FALSE
-0,117	0,308	-0,003	0,008	0,163	FALSE
0,097	0,323	0,002	0,008	0,125	FALSE
-0,089	0,295	-0,002	0,007	0,114	FALSE
-0,074	0,292	-0,002	0,009	0,093	FALSE
-0,026	0,311	-0,001	0,011	0,045	FALSE
0,025	0,315	0,000	0,010	0,016	FALSE
-0,042	0,313	-0,002	0,011	0,073	FALSE
-0,153	0,308	-0,007	0,012	0,252	FALSE
0,069	0,306	0,001	0,007	0,063	FALSE
-0,171	0,322	-0,004	0,008	0,241	FALSE
-0,057	0,310	-0,001	0,007	0,065	FALSE
-0,039	0,291	-0,001	0,011	0,039	FALSE
-0,005	0,306	0,001	0,011	0,021	FALSE
0,002	0,308	0,000	0,012	0,008	FALSE
0,042	0,300	0,002	0,012	0,065	FALSE
-0,079	0,304	-0,002	0,007	0,106	FALSE
-0,071	0,293	-0,001	0,006	0,084	FALSE
-0,060	0,301	-0,001	0,007	0,077	FALSE
0,079	0,309	0,003	0,010	0,112	FALSE
-0,008	0,318	0,000	0,009	0,004	FALSE
0,029	0,314	0,001	0,007	0,052	FALSE
-0,104	0,309	-0,003	0,009	0,117	FALSE
-0,090	0,293	-0,004	0,012	0,130	FALSE
0,019	0,301	0,001	0,013	0,020	FALSE
-0,030	0,321	-0,001	0,008	0,028	FALSE
0,034	0,304	0,002	0,010	0,081	FALSE
0,022	0,301	0,000	0,006	0,014	FALSE
-0,062	0,306	-0,002	0,010	0,068	FALSE
0,041	0,310	0,003	0,013	0,093	FALSE
0,052	0,310	0,003	0,013	0,092	FALSE
0,024	0,308	0,001	0,006	0,043	FALSE
0,001	0,306	0,000	0,010	0,007	FALSE
-0,021	0,293	-0,001	0,009	0,023	FALSE
0,012	0,314	0,000	0,006	0,012	FALSE
0,122	0,296	0,003	0,007	0,165	FALSE
-0,041	0,302	-0,001	0,008	0,047	FALSE
-0,041	0,294	-0,001	0,007	0,049	FALSE
0,025	0,319	0,001	0,011	0,020	FALSE
0,106	0,322	0,003	0,010	0,144	FALSE
0,032	0,318	0,001	0,013	0,015	FALSE
0,129	0,300	0,003	0,006	0,184	FALSE
-0,092	0,303	-0,002	0,010	0,090	FALSE
-0,023	0,307	-0,001	0,008	0,023	FALSE
-0,111	0,302	-0,003	0,007	0,171	FALSE
-0,077	0,316	-0,002	0,009	0,087	FALSE
-0,111	0,316	-0,003	0,008	0,130	FALSE
-0,113	0,308	-0,002	0,007	0,126	FALSE
-0,124	0,296	-0,003	0,007	0,154	FALSE
-0,002	0,307	0,000	0,006	0,004	FALSE
0,053	0,296	0,001	0,008	0,049	FALSE
-0,043	0,307	-0,003	0,012	0,083	FALSE

-0,159	0,303	-0,006	0,011	0,214	FALSE
0,160	0,306	0,004	0,008	0,229	FALSE
0,163	0,305	0,004	0,008	0,245	FALSE
-0,123	0,294	-0,004	0,011	0,139	FALSE
-0,019	0,292	0,000	0,007	0,007	FALSE
0,016	0,315	0,002	0,011	0,055	FALSE
-0,005	0,307	0,001	0,011	0,017	FALSE
0,050	0,312	0,002	0,013	0,045	FALSE
-0,051	0,313	-0,001	0,009	0,057	FALSE
-0,104	0,319	-0,004	0,010	0,144	FALSE
0,179	0,319	0,004	0,007	0,262	FALSE
0,171	0,325	0,004	0,008	0,221	FALSE
0,172	0,318	0,004	0,008	0,237	FALSE
0,215	0,311	0,010	0,013	0,335	FALSE
-0,159	0,317	-0,007	0,013	0,229	FALSE
-0,113	0,312	-0,004	0,009	0,176	FALSE
0,074	0,302	0,003	0,009	0,120	FALSE
0,087	0,309	0,002	0,008	0,125	FALSE
0,081	0,320	0,003	0,011	0,105	FALSE
-0,041	0,308	-0,002	0,013	0,053	FALSE
0,105	0,297	0,003	0,009	0,161	FALSE
0,161	0,296	0,006	0,012	0,202	FALSE
-0,052	0,303	-0,002	0,009	0,068	FALSE
-0,154	0,298	-0,003	0,007	0,197	FALSE
-0,063	0,307	-0,002	0,009	0,068	FALSE
-0,118	0,305	-0,003	0,007	0,167	FALSE
-0,084	0,314	-0,003	0,011	0,126	FALSE
-0,054	0,304	-0,002	0,011	0,072	FALSE
-0,054	0,295	-0,002	0,011	0,083	FALSE
-0,154	0,306	-0,004	0,007	0,216	FALSE
-0,026	0,303	-0,001	0,010	0,036	FALSE
0,072	0,303	0,003	0,011	0,113	FALSE
0,122	0,304	0,005	0,011	0,178	FALSE
0,150	0,296	0,004	0,008	0,219	FALSE
0,043	0,306	0,001	0,009	0,058	FALSE
-0,004	0,307	0,000	0,007	0,007	FALSE
0,001	0,304	0,000	0,008	0,020	FALSE
0,045	0,293	0,001	0,009	0,059	FALSE
0,070	0,305	0,002	0,008	0,086	FALSE
0,029	0,289	0,001	0,007	0,073	FALSE
0,010	0,297	0,001	0,007	0,045	FALSE
0,144	0,295	0,003	0,007	0,198	FALSE
0,075	0,296	0,001	0,007	0,068	FALSE
0,209	0,303	0,009	0,012	0,336	FALSE
0,077	0,318	0,003	0,011	0,104	FALSE
0,002	0,284	0,001	0,012	0,028	FALSE
-0,120	0,311	-0,004	0,010	0,178	FALSE
-0,010	0,320	-0,001	0,011	0,023	FALSE
-0,033	0,299	-0,001	0,011	0,045	FALSE
0,008	0,294	0,001	0,012	0,024	FALSE
-0,023	0,308	-0,001	0,012	0,025	FALSE
-0,020	0,308	-0,001	0,013	0,033	FALSE
-0,080	0,299	-0,002	0,011	0,076	FALSE

-0,088	0,315	-0,002	0,011	0,089	FALSE
0,126	0,301	0,004	0,010	0,168	FALSE
-0,044	0,310	-0,001	0,007	0,048	FALSE
0,018	0,317	0,001	0,010	0,023	FALSE
0,044	0,321	0,001	0,010	0,050	FALSE
0,083	0,314	0,002	0,009	0,104	FALSE
0,055	0,306	0,003	0,013	0,072	FALSE
-0,050	0,316	-0,001	0,007	0,063	FALSE
0,009	0,322	0,000	0,011	0,005	FALSE
-0,025	0,308	-0,001	0,008	0,046	FALSE
0,032	0,317	0,001	0,009	0,021	FALSE
0,048	0,313	0,002	0,010	0,080	FALSE
0,025	0,297	0,001	0,009	0,039	FALSE
0,011	0,294	0,000	0,009	0,019	FALSE
0,054	0,317	0,002	0,010	0,080	FALSE
-0,022	0,311	0,000	0,008	0,009	FALSE
-0,115	0,296	-0,003	0,007	0,154	FALSE
0,066	0,296	0,001	0,007	0,066	FALSE
-0,001	0,313	0,000	0,007	0,016	FALSE
0,051	0,309	0,003	0,011	0,098	FALSE
0,017	0,313	0,001	0,013	0,022	FALSE
-0,019	0,309	-0,001	0,008	0,046	FALSE
-0,106	0,306	-0,005	0,013	0,152	FALSE
0,077	0,305	0,002	0,007	0,086	FALSE
-0,025	0,315	-0,001	0,013	0,025	FALSE
-0,082	0,311	-0,002	0,009	0,093	FALSE
-0,049	0,303	-0,001	0,007	0,078	FALSE
-0,009	0,311	-0,001	0,009	0,047	FALSE
0,066	0,298	0,001	0,006	0,049	FALSE
-0,204	0,297	-0,009	0,011	0,364	FALSE
0,198	0,283	0,008	0,012	0,302	FALSE
0,097	0,304	0,002	0,009	0,111	FALSE
-0,028	0,306	-0,001	0,012	0,020	FALSE
0,051	0,330	0,001	0,006	0,074	FALSE
0,083	0,312	0,002	0,007	0,113	FALSE
-0,007	0,316	0,000	0,010	0,015	FALSE
-0,016	0,304	0,000	0,007	0,027	FALSE
0,068	0,299	0,001	0,007	0,075	FALSE
-0,047	0,313	-0,001	0,007	0,042	FALSE
0,139	0,306	0,005	0,012	0,177	FALSE
0,074	0,318	0,003	0,013	0,101	FALSE
0,060	0,305	0,003	0,012	0,080	FALSE
0,023	0,311	0,000	0,007	0,023	FALSE
-0,104	0,300	-0,002	0,006	0,106	FALSE
-0,043	0,305	-0,001	0,010	0,027	FALSE
0,009	0,306	-0,001	0,013	0,035	FALSE
-0,120	0,306	-0,002	0,007	0,129	FALSE
-0,016	0,299	0,000	0,011	0,009	FALSE
0,039	0,290	0,001	0,012	0,031	FALSE
0,025	0,307	0,000	0,007	0,014	FALSE
-0,082	0,311	-0,002	0,007	0,113	FALSE
0,069	0,312	0,003	0,010	0,099	FALSE
0,087	0,305	0,003	0,013	0,104	FALSE

-0,063	0,299	-0,003	0,012	0,093	FALSE
0,065	0,300	0,001	0,007	0,050	FALSE
-0,025	0,308	-0,001	0,011	0,019	FALSE
-0,022	0,301	-0,001	0,012	0,015	FALSE
-0,027	0,311	0,000	0,007	0,010	FALSE
0,010	0,292	0,000	0,007	0,024	FALSE
-0,097	0,315	-0,003	0,009	0,124	FALSE
-0,001	0,301	0,000	0,011	0,008	FALSE
-0,065	0,313	-0,002	0,008	0,097	FALSE
0,094	0,303	0,003	0,007	0,159	FALSE
-0,112	0,299	-0,003	0,008	0,174	FALSE
-0,069	0,321	-0,002	0,008	0,107	FALSE
0,155	0,287	0,004	0,007	0,222	FALSE
-0,070	0,305	-0,002	0,006	0,092	FALSE
0,029	0,303	0,001	0,010	0,039	FALSE
-0,054	0,315	-0,002	0,010	0,090	FALSE
0,071	0,288	0,003	0,010	0,095	FALSE
0,025	0,297	0,001	0,010	0,019	FALSE
-0,011	0,315	-0,002	0,013	0,045	FALSE
0,077	0,316	0,004	0,013	0,114	FALSE
0,074	0,298	0,004	0,012	0,121	FALSE
0,066	0,300	0,003	0,012	0,101	FALSE
-0,079	0,313	-0,003	0,013	0,099	FALSE
0,052	0,290	0,002	0,008	0,071	FALSE
0,168	0,309	0,005	0,009	0,256	FALSE
0,190	0,307	0,006	0,009	0,287	FALSE
-0,097	0,313	-0,002	0,007	0,094	FALSE
0,013	0,303	0,000	0,007	0,011	FALSE
-0,019	0,314	0,000	0,007	0,019	FALSE
0,030	0,304	0,001	0,006	0,049	FALSE
0,145	0,303	0,004	0,008	0,214	FALSE
-0,076	0,306	-0,003	0,012	0,090	FALSE
-0,066	0,308	-0,001	0,007	0,057	FALSE
-0,127	0,297	-0,006	0,011	0,227	FALSE
-0,009	0,299	0,000	0,007	0,006	FALSE
-0,033	0,318	-0,001	0,009	0,036	FALSE
-0,083	0,308	-0,003	0,009	0,121	FALSE
0,066	0,311	0,002	0,008	0,090	FALSE
-0,016	0,299	-0,001	0,012	0,034	FALSE
-0,015	0,308	0,000	0,010	0,007	FALSE
-0,076	0,310	-0,002	0,006	0,095	FALSE
-0,058	0,329	-0,001	0,007	0,058	FALSE
-0,039	0,311	-0,001	0,006	0,040	FALSE
-0,045	0,314	-0,001	0,006	0,049	FALSE
-0,053	0,310	-0,001	0,009	0,056	FALSE
-0,014	0,297	-0,001	0,011	0,028	FALSE
-0,081	0,317	-0,003	0,011	0,090	FALSE
-0,017	0,302	-0,001	0,011	0,025	FALSE
-0,008	0,299	0,000	0,008	0,009	FALSE
-0,031	0,314	-0,001	0,009	0,048	FALSE
-0,022	0,301	-0,001	0,009	0,039	FALSE
0,046	0,313	0,001	0,009	0,034	FALSE
0,007	0,309	0,000	0,007	0,012	FALSE

0,057	0,312	0,002	0,009	0,066	FALSE
0,203	0,296	0,005	0,008	0,279	FALSE
0,073	0,299	0,002	0,008	0,116	FALSE
0,086	0,306	0,005	0,012	0,152	FALSE
-0,003	0,299	-0,001	0,009	0,036	FALSE
0,032	0,304	0,000	0,007	0,021	FALSE
0,034	0,300	0,001	0,008	0,039	FALSE
0,084	0,294	0,003	0,007	0,138	FALSE
0,035	0,319	0,001	0,007	0,045	FALSE
-0,013	0,305	0,000	0,011	0,005	FALSE
0,116	0,306	0,004	0,011	0,135	FALSE
0,149	0,309	0,005	0,009	0,220	FALSE
-0,002	0,308	0,000	0,007	0,011	FALSE
-0,056	0,328	-0,002	0,013	0,067	FALSE
0,114	0,299	0,004	0,011	0,145	FALSE
0,006	0,299	0,000	0,010	0,015	FALSE
0,046	0,306	0,001	0,007	0,055	FALSE
0,038	0,294	0,000	0,006	0,012	FALSE
-0,067	0,297	-0,001	0,007	0,070	FALSE
0,098	0,311	0,003	0,010	0,102	FALSE
0,135	0,307	0,004	0,008	0,229	FALSE
-0,044	0,310	-0,002	0,012	0,049	FALSE
-0,062	0,308	-0,001	0,009	0,050	FALSE
-0,014	0,306	0,000	0,008	0,001	FALSE
-0,002	0,306	-0,001	0,011	0,032	FALSE
0,118	0,308	0,004	0,009	0,158	FALSE
-0,014	0,318	0,000	0,008	0,003	FALSE
-0,032	0,302	-0,001	0,009	0,051	FALSE
0,062	0,292	0,002	0,007	0,082	FALSE
0,062	0,307	0,002	0,012	0,071	FALSE
0,035	0,312	0,000	0,007	0,004	FALSE
-0,035	0,313	-0,001	0,012	0,042	FALSE
-0,058	0,310	-0,003	0,012	0,092	FALSE
0,048	0,302	0,002	0,011	0,058	FALSE
-0,091	0,311	-0,004	0,012	0,124	FALSE
0,071	0,319	0,003	0,013	0,089	FALSE
0,056	0,306	0,001	0,007	0,077	FALSE
-0,040	0,309	-0,001	0,012	0,024	FALSE
0,032	0,303	0,001	0,007	0,044	FALSE
0,092	0,316	0,002	0,009	0,075	FALSE
-0,020	0,316	0,000	0,013	0,002	FALSE
0,006	0,314	-0,001	0,013	0,037	FALSE
0,001	0,313	-0,001	0,011	0,027	FALSE
0,049	0,293	0,001	0,012	0,030	FALSE
-0,098	0,310	-0,004	0,011	0,132	FALSE
0,008	0,307	0,000	0,008	0,002	FALSE
-0,012	0,293	0,000	0,010	0,013	FALSE
-0,102	0,305	-0,005	0,011	0,165	FALSE
-0,036	0,320	0,000	0,007	0,012	FALSE
-0,084	0,302	-0,003	0,009	0,116	FALSE
0,051	0,314	0,002	0,011	0,057	FALSE
0,063	0,315	0,002	0,012	0,055	FALSE
-0,008	0,319	-0,001	0,009	0,024	FALSE

-0,010	0,298	-0,001	0,007	0,033	FALSE
-0,017	0,303	-0,001	0,009	0,030	FALSE
-0,104	0,315	-0,004	0,013	0,135	FALSE
0,001	0,300	0,000	0,012	0,010	FALSE
-0,110	0,307	-0,003	0,008	0,130	FALSE
0,161	0,309	0,005	0,010	0,209	FALSE
-0,063	0,307	-0,002	0,013	0,063	FALSE
-0,065	0,312	-0,003	0,013	0,078	FALSE
-0,078	0,305	-0,003	0,012	0,109	FALSE
0,000	0,316	0,000	0,012	0,007	FALSE
-0,023	0,315	-0,002	0,013	0,048	FALSE
0,178	0,312	0,005	0,009	0,276	FALSE
-0,135	0,307	-0,003	0,009	0,160	FALSE
-0,050	0,310	-0,002	0,011	0,051	FALSE
-0,118	0,302	-0,004	0,011	0,156	FALSE
0,063	0,304	0,002	0,011	0,052	FALSE
-0,023	0,297	0,000	0,008	0,012	FALSE
0,074	0,317	0,002	0,013	0,062	FALSE
-0,018	0,301	0,000	0,009	0,013	FALSE
0,000	0,307	0,000	0,006	0,008	FALSE
-0,001	0,307	0,000	0,007	0,006	FALSE
-0,090	0,317	-0,003	0,011	0,090	FALSE
0,001	0,297	0,000	0,009	0,015	FALSE
0,083	0,302	0,002	0,008	0,106	FALSE
0,062	0,306	0,002	0,011	0,078	FALSE
0,124	0,303	0,003	0,007	0,167	FALSE
0,052	0,303	0,002	0,008	0,074	FALSE
-0,106	0,305	-0,003	0,008	0,137	FALSE
-0,024	0,311	-0,001	0,011	0,024	FALSE
-0,009	0,307	0,000	0,008	0,018	FALSE
-0,080	0,306	-0,003	0,012	0,108	FALSE
-0,089	0,301	-0,002	0,007	0,099	FALSE
-0,048	0,303	-0,002	0,010	0,076	FALSE
-0,070	0,315	-0,003	0,012	0,104	FALSE
-0,006	0,307	0,000	0,009	0,009	FALSE
0,029	0,317	0,001	0,012	0,045	FALSE
-0,023	0,302	-0,001	0,008	0,033	FALSE
-0,028	0,304	-0,001	0,006	0,053	FALSE
0,013	0,301	0,000	0,007	0,009	FALSE
-0,060	0,315	-0,002	0,013	0,053	FALSE
0,015	0,307	0,000	0,009	0,009	FALSE
0,074	0,326	0,003	0,013	0,105	FALSE
0,077	0,311	0,001	0,007	0,071	FALSE
-0,154	0,311	-0,005	0,012	0,164	FALSE
-0,160	0,289	-0,005	0,009	0,230	FALSE
-0,159	0,298	-0,005	0,010	0,236	FALSE
-0,025	0,304	-0,001	0,007	0,050	FALSE
-0,205	0,312	-0,005	0,008	0,306	FALSE
0,092	0,300	0,002	0,008	0,092	FALSE
0,069	0,297	0,003	0,012	0,096	FALSE
0,119	0,310	0,005	0,012	0,172	FALSE
-0,040	0,295	-0,001	0,009	0,035	FALSE
0,029	0,309	0,001	0,010	0,021	FALSE

0,068	0,317	0,002	0,007	0,084	FALSE
-0,002	0,312	-0,001	0,013	0,030	FALSE
-0,095	0,304	-0,004	0,012	0,145	FALSE
0,145	0,312	0,006	0,013	0,193	FALSE
0,081	0,316	0,003	0,011	0,088	FALSE
0,074	0,306	0,003	0,011	0,127	FALSE
-0,025	0,315	0,000	0,008	0,016	FALSE
0,150	0,302	0,004	0,007	0,222	FALSE
-0,070	0,312	-0,002	0,008	0,106	FALSE
-0,113	0,298	-0,004	0,010	0,138	FALSE
0,073	0,304	0,003	0,012	0,107	FALSE
0,080	0,314	0,002	0,008	0,098	FALSE
-0,096	0,310	-0,003	0,010	0,120	FALSE
0,145	0,299	0,006	0,011	0,222	FALSE
0,056	0,297	0,002	0,009	0,067	FALSE
0,086	0,295	0,003	0,009	0,109	FALSE
0,051	0,298	0,002	0,009	0,066	FALSE
0,095	0,290	0,003	0,009	0,127	FALSE
0,026	0,319	0,001	0,008	0,041	FALSE
0,077	0,302	0,002	0,007	0,089	FALSE
0,106	0,311	0,005	0,013	0,149	FALSE
-0,028	0,305	-0,001	0,012	0,025	FALSE
-0,043	0,307	-0,001	0,011	0,034	FALSE
0,013	0,303	0,000	0,006	0,012	FALSE
0,105	0,310	0,004	0,008	0,186	FALSE
0,079	0,300	0,002	0,006	0,144	FALSE
0,036	0,309	0,002	0,009	0,065	FALSE
0,043	0,306	0,001	0,012	0,045	FALSE
-0,093	0,316	-0,004	0,010	0,140	FALSE
0,062	0,315	0,003	0,013	0,077	FALSE
-0,006	0,329	-0,001	0,013	0,039	FALSE
0,102	0,301	0,003	0,011	0,118	FALSE
-0,029	0,305	-0,001	0,009	0,061	FALSE
-0,079	0,313	-0,002	0,009	0,090	FALSE
0,089	0,298	0,002	0,007	0,115	FALSE
0,127	0,297	0,003	0,006	0,191	FALSE
-0,152	0,308	-0,006	0,010	0,230	FALSE
-0,169	0,315	-0,004	0,008	0,237	FALSE
0,049	0,311	0,002	0,013	0,053	FALSE
0,157	0,315	0,007	0,013	0,222	FALSE
-0,010	0,307	-0,001	0,012	0,024	FALSE
-0,075	0,305	-0,003	0,010	0,101	FALSE
-0,045	0,306	-0,001	0,009	0,057	FALSE
-0,051	0,300	-0,001	0,008	0,062	FALSE
-0,031	0,302	-0,001	0,010	0,038	FALSE
0,017	0,325	0,000	0,013	0,013	FALSE
-0,063	0,310	-0,002	0,008	0,111	FALSE
0,119	0,299	0,005	0,011	0,195	FALSE
0,013	0,306	0,000	0,013	0,002	FALSE
-0,052	0,316	-0,002	0,010	0,061	FALSE
-0,053	0,304	-0,002	0,010	0,077	FALSE
0,059	0,307	0,002	0,013	0,060	FALSE
0,074	0,301	0,003	0,013	0,104	FALSE

0,032	0,314	0,001	0,009	0,057	FALSE
-0,024	0,312	-0,001	0,007	0,031	FALSE
-0,054	0,313	-0,003	0,012	0,079	FALSE
0,077	0,290	0,003	0,009	0,133	FALSE
0,040	0,306	0,002	0,011	0,056	FALSE
0,092	0,297	0,004	0,010	0,161	FALSE
0,073	0,316	0,002	0,011	0,082	FALSE
0,091	0,314	0,004	0,012	0,117	FALSE
-0,026	0,316	-0,001	0,011	0,045	FALSE
-0,033	0,318	-0,002	0,011	0,051	FALSE
0,020	0,310	0,001	0,011	0,038	FALSE
-0,027	0,306	-0,001	0,010	0,039	FALSE
0,059	0,303	0,002	0,008	0,084	FALSE
0,060	0,311	0,001	0,007	0,076	FALSE
-0,065	0,298	-0,001	0,008	0,067	FALSE
-0,144	0,301	-0,003	0,007	0,184	FALSE
0,025	0,288	0,001	0,009	0,050	FALSE
-0,051	0,298	-0,001	0,007	0,034	FALSE
-0,029	0,297	-0,001	0,006	0,041	FALSE
0,023	0,293	0,001	0,006	0,080	FALSE
-0,032	0,305	0,000	0,008	0,003	FALSE
-0,028	0,317	-0,001	0,013	0,028	FALSE
-0,012	0,309	-0,001	0,013	0,021	FALSE
-0,047	0,301	-0,001	0,008	0,030	FALSE
0,060	0,288	0,002	0,006	0,125	FALSE
-0,037	0,305	-0,001	0,011	0,031	FALSE
0,060	0,309	0,002	0,007	0,077	FALSE
0,089	0,303	0,002	0,007	0,107	FALSE
-0,122	0,300	-0,004	0,009	0,168	FALSE
0,011	0,302	0,000	0,006	0,001	FALSE
0,043	0,308	0,001	0,006	0,028	FALSE
0,058	0,322	0,002	0,011	0,063	FALSE
0,031	0,314	0,001	0,010	0,032	FALSE
-0,017	0,314	0,000	0,006	0,003	FALSE
0,071	0,304	0,002	0,008	0,087	FALSE
0,051	0,303	0,001	0,011	0,042	FALSE
0,073	0,302	0,003	0,012	0,091	FALSE
0,050	0,314	0,002	0,013	0,055	FALSE
-0,112	0,314	-0,005	0,013	0,144	FALSE
0,183	0,284	0,008	0,012	0,268	FALSE
0,035	0,318	0,002	0,010	0,058	FALSE
-0,169	0,285	-0,004	0,008	0,231	FALSE
-0,057	0,303	-0,002	0,008	0,077	FALSE
0,081	0,297	0,002	0,006	0,128	FALSE
0,094	0,287	0,005	0,012	0,151	FALSE
0,072	0,304	0,002	0,007	0,098	FALSE
0,098	0,302	0,005	0,013	0,152	FALSE
0,057	0,303	0,002	0,012	0,076	FALSE
0,116	0,295	0,004	0,011	0,132	FALSE
0,004	0,307	0,000	0,007	0,019	FALSE
-0,030	0,317	-0,001	0,007	0,034	FALSE
-0,074	0,323	-0,003	0,013	0,074	FALSE
0,056	0,306	0,002	0,009	0,079	FALSE

-0,092	0,321	-0,004	0,011	0,133	FALSE
0,061	0,307	0,003	0,012	0,089	FALSE
0,059	0,307	0,002	0,009	0,072	FALSE
0,080	0,306	0,002	0,008	0,092	FALSE
-0,099	0,285	-0,003	0,009	0,157	FALSE
0,154	0,288	0,007	0,012	0,240	FALSE
0,035	0,312	0,001	0,010	0,023	FALSE
0,104	0,308	0,005	0,012	0,178	FALSE
-0,046	0,305	-0,001	0,007	0,033	FALSE
0,029	0,312	0,000	0,009	0,017	FALSE
0,034	0,307	0,002	0,012	0,057	FALSE
-0,076	0,320	-0,003	0,012	0,087	FALSE
-0,041	0,329	-0,001	0,012	0,042	FALSE
-0,060	0,310	-0,001	0,007	0,049	FALSE
-0,040	0,317	-0,002	0,011	0,062	FALSE
0,083	0,303	0,002	0,012	0,074	FALSE
-0,008	0,303	-0,001	0,011	0,024	FALSE
0,096	0,292	0,004	0,012	0,127	FALSE
-0,077	0,312	-0,003	0,012	0,101	FALSE
-0,106	0,299	-0,004	0,012	0,136	FALSE
-0,065	0,309	-0,002	0,009	0,097	FALSE
0,057	0,299	0,003	0,009	0,104	FALSE
-0,052	0,302	-0,002	0,008	0,087	FALSE
-0,035	0,314	-0,001	0,008	0,055	FALSE
0,053	0,322	0,001	0,007	0,081	FALSE
0,029	0,301	0,001	0,006	0,061	FALSE
0,032	0,315	0,001	0,007	0,063	FALSE
0,011	0,305	0,000	0,006	0,021	FALSE
0,163	0,288	0,006	0,012	0,213	FALSE
-0,134	0,312	-0,005	0,012	0,185	FALSE
-0,044	0,320	-0,001	0,011	0,043	FALSE
-0,067	0,308	-0,002	0,013	0,052	FALSE
0,004	0,299	0,001	0,011	0,020	FALSE
0,043	0,311	0,002	0,012	0,059	FALSE
-0,099	0,301	-0,004	0,010	0,162	FALSE
-0,063	0,293	-0,003	0,012	0,092	FALSE
-0,046	0,322	-0,001	0,010	0,042	FALSE
0,008	0,310	0,000	0,013	0,008	FALSE
-0,004	0,316	0,000	0,008	0,010	FALSE
-0,074	0,307	-0,001	0,007	0,076	FALSE
-0,039	0,308	-0,001	0,009	0,036	FALSE
0,065	0,288	0,002	0,008	0,088	FALSE
0,121	0,304	0,003	0,007	0,148	FALSE
0,058	0,307	0,001	0,009	0,057	FALSE
-0,024	0,313	-0,001	0,008	0,028	FALSE
0,122	0,323	0,004	0,010	0,153	FALSE
0,012	0,311	0,001	0,007	0,043	FALSE
0,030	0,311	0,001	0,007	0,030	FALSE
0,041	0,302	0,002	0,009	0,068	FALSE
-0,062	0,310	-0,002	0,008	0,090	FALSE
-0,086	0,320	-0,002	0,007	0,099	FALSE
0,006	0,292	0,000	0,009	0,009	FALSE
0,014	0,306	0,000	0,010	0,006	FALSE

0,098	0,304	0,003	0,012	0,097	FALSE
0,004	0,302	-0,001	0,012	0,024	FALSE
-0,076	0,299	-0,005	0,012	0,156	FALSE
-0,045	0,300	-0,002	0,009	0,088	FALSE
0,066	0,304	0,001	0,008	0,042	FALSE
0,103	0,295	0,003	0,008	0,158	FALSE
-0,038	0,296	0,000	0,007	0,015	FALSE
-0,005	0,302	0,000	0,011	0,003	FALSE
0,229	0,298	0,007	0,010	0,318	FALSE
0,008	0,286	0,000	0,006	0,008	FALSE
0,106	0,297	0,004	0,013	0,118	FALSE
0,116	0,316	0,002	0,007	0,140	FALSE
0,083	0,299	0,003	0,010	0,107	FALSE
0,186	0,290	0,004	0,007	0,291	FALSE
-0,024	0,307	-0,002	0,013	0,045	FALSE
0,022	0,311	0,001	0,011	0,041	FALSE
-0,017	0,315	-0,001	0,011	0,029	FALSE
-0,041	0,304	-0,002	0,011	0,049	FALSE
0,016	0,320	0,001	0,012	0,017	FALSE
-0,003	0,309	0,000	0,010	0,008	FALSE
0,103	0,287	0,002	0,009	0,110	FALSE
-0,171	0,289	-0,006	0,009	0,262	FALSE
-0,093	0,315	-0,003	0,009	0,104	FALSE
0,051	0,315	0,002	0,008	0,086	FALSE
-0,071	0,308	-0,002	0,009	0,100	FALSE
0,101	0,292	0,002	0,008	0,091	FALSE
0,012	0,300	0,000	0,010	0,003	FALSE
-0,021	0,316	-0,001	0,011	0,024	FALSE
0,086	0,324	0,003	0,010	0,122	FALSE
0,082	0,304	0,003	0,011	0,117	FALSE
-0,062	0,313	-0,002	0,012	0,063	FALSE
0,034	0,303	0,003	0,013	0,080	FALSE
0,070	0,301	0,001	0,006	0,070	FALSE
-0,062	0,314	-0,002	0,007	0,088	FALSE
0,073	0,310	0,002	0,012	0,075	FALSE
-0,187	0,307	-0,008	0,011	0,295	FALSE
-0,128	0,325	-0,005	0,012	0,160	TRUE
0,046	0,319	0,001	0,008	0,041	FALSE
0,031	0,299	0,001	0,007	0,083	FALSE
-0,011	0,315	-0,001	0,011	0,039	FALSE
0,095	0,296	0,003	0,007	0,146	FALSE
0,117	0,306	0,003	0,008	0,129	FALSE
-0,135	0,306	-0,005	0,010	0,180	FALSE
-0,197	0,303	-0,009	0,012	0,330	FALSE
0,034	0,304	0,001	0,010	0,045	FALSE
-0,046	0,298	-0,001	0,008	0,050	FALSE
0,056	0,311	0,002	0,008	0,088	FALSE
0,045	0,289	0,002	0,012	0,062	FALSE
-0,059	0,311	-0,001	0,007	0,058	FALSE
0,080	0,320	0,003	0,013	0,090	FALSE
-0,023	0,311	-0,001	0,012	0,036	FALSE
0,087	0,320	0,004	0,013	0,104	FALSE
0,192	0,303	0,006	0,009	0,278	FALSE

0,001	0,300	0,000	0,006	0,015	FALSE
-0,126	0,290	-0,003	0,007	0,191	FALSE
0,078	0,310	0,002	0,007	0,125	FALSE
0,046	0,308	0,002	0,012	0,068	FALSE
0,127	0,303	0,004	0,012	0,144	FALSE
0,204	0,299	0,006	0,009	0,282	FALSE
-0,103	0,292	-0,005	0,012	0,176	FALSE
-0,118	0,315	-0,005	0,013	0,161	FALSE
0,020	0,299	0,001	0,010	0,041	FALSE
0,000	0,310	0,000	0,011	0,011	FALSE
-0,027	0,299	-0,001	0,010	0,033	FALSE
-0,044	0,315	-0,002	0,010	0,076	FALSE
-0,035	0,303	-0,001	0,007	0,046	FALSE
0,051	0,317	0,001	0,008	0,066	FALSE
0,040	0,302	0,002	0,009	0,066	FALSE
-0,018	0,308	-0,001	0,009	0,037	FALSE
-0,006	0,309	0,000	0,010	0,003	FALSE
0,019	0,293	0,001	0,008	0,042	FALSE
0,002	0,300	0,000	0,009	0,007	FALSE
-0,006	0,302	0,000	0,007	0,002	FALSE
0,031	0,309	0,001	0,008	0,045	FALSE
-0,049	0,298	-0,001	0,007	0,058	FALSE
0,017	0,309	0,001	0,009	0,023	FALSE
0,088	0,296	0,004	0,012	0,110	FALSE
0,088	0,315	0,003	0,009	0,127	FALSE
-0,143	0,309	-0,003	0,007	0,172	FALSE
0,113	0,300	0,004	0,011	0,170	FALSE
0,005	0,299	0,001	0,009	0,034	FALSE
-0,083	0,311	-0,002	0,007	0,099	FALSE
0,000	0,308	0,000	0,011	0,005	FALSE
0,139	0,286	0,003	0,006	0,165	FALSE
-0,001	0,294	0,000	0,012	0,003	FALSE
-0,109	0,300	-0,004	0,012	0,130	FALSE
-0,094	0,307	-0,002	0,008	0,116	FALSE
-0,035	0,298	-0,001	0,011	0,042	FALSE
-0,088	0,299	-0,004	0,012	0,120	FALSE
-0,112	0,309	-0,003	0,007	0,146	FALSE
-0,089	0,291	-0,002	0,006	0,094	FALSE
-0,080	0,309	-0,001	0,007	0,077	FALSE
0,065	0,309	0,001	0,007	0,083	FALSE
0,071	0,317	0,002	0,013	0,073	FALSE
0,074	0,309	0,003	0,012	0,082	FALSE
-0,127	0,310	-0,006	0,013	0,203	FALSE
-0,177	0,294	-0,004	0,006	0,255	FALSE
-0,020	0,301	-0,001	0,007	0,050	FALSE
0,060	0,310	0,002	0,008	0,089	FALSE
-0,083	0,315	-0,003	0,010	0,119	FALSE
0,033	0,312	0,001	0,008	0,046	FALSE
-0,025	0,312	-0,001	0,008	0,039	FALSE
0,008	0,322	0,001	0,009	0,025	FALSE
-0,053	0,315	-0,002	0,010	0,064	FALSE
0,014	0,299	0,000	0,006	0,003	FALSE
0,092	0,304	0,004	0,012	0,138	FALSE

0,050	0,305	0,001	0,006	0,084	FALSE
-0,086	0,304	-0,002	0,008	0,106	FALSE
0,034	0,296	0,001	0,007	0,048	FALSE
0,102	0,315	0,003	0,007	0,137	FALSE
0,169	0,309	0,005	0,009	0,222	FALSE
-0,032	0,309	0,000	0,007	0,017	FALSE
-0,009	0,293	0,000	0,012	0,012	FALSE
0,023	0,309	0,000	0,007	0,012	FALSE
0,000	0,312	0,000	0,008	0,009	FALSE
0,050	0,306	0,002	0,011	0,076	FALSE
0,060	0,310	0,003	0,012	0,081	FALSE
0,007	0,303	0,001	0,009	0,020	FALSE
0,006	0,302	0,000	0,008	0,006	FALSE
-0,064	0,293	-0,001	0,006	0,088	FALSE
-0,084	0,312	-0,002	0,006	0,091	FALSE
-0,078	0,310	-0,001	0,006	0,081	FALSE
-0,146	0,302	-0,007	0,013	0,221	FALSE
-0,094	0,307	-0,003	0,009	0,112	FALSE
0,006	0,303	0,000	0,007	0,008	FALSE
0,044	0,314	0,002	0,011	0,050	FALSE
0,041	0,306	0,001	0,010	0,052	FALSE
0,011	0,308	-0,001	0,011	0,016	FALSE
-0,076	0,323	-0,003	0,013	0,103	FALSE
0,063	0,308	0,002	0,009	0,104	FALSE
0,119	0,318	0,005	0,013	0,166	FALSE
-0,058	0,304	-0,001	0,006	0,077	FALSE
0,034	0,300	0,002	0,009	0,076	FALSE
-0,025	0,304	0,000	0,007	0,004	FALSE
-0,066	0,312	-0,001	0,007	0,083	FALSE
0,067	0,298	0,003	0,012	0,082	FALSE
-0,157	0,297	-0,006	0,013	0,214	TRUE
-0,021	0,313	0,000	0,010	0,016	FALSE
0,011	0,308	0,000	0,008	0,007	FALSE
-0,119	0,302	-0,003	0,007	0,202	FALSE
0,032	0,300	0,001	0,012	0,028	FALSE
0,098	0,312	0,003	0,011	0,122	FALSE
-0,167	0,308	-0,007	0,013	0,238	FALSE
0,096	0,306	0,003	0,009	0,123	FALSE
-0,063	0,296	-0,002	0,008	0,106	FALSE
-0,078	0,311	-0,002	0,008	0,094	FALSE
-0,023	0,315	0,000	0,007	0,001	FALSE
-0,122	0,294	-0,004	0,010	0,171	FALSE
-0,078	0,306	-0,003	0,012	0,087	FALSE
-0,080	0,312	-0,002	0,008	0,111	FALSE
-0,056	0,306	0,000	0,008	0,022	FALSE
0,032	0,309	0,001	0,009	0,054	FALSE
-0,028	0,318	-0,001	0,007	0,049	FALSE
-0,062	0,299	-0,002	0,007	0,090	FALSE
-0,033	0,297	-0,001	0,011	0,027	FALSE
0,106	0,304	0,003	0,009	0,147	FALSE
-0,123	0,305	-0,003	0,006	0,172	FALSE
-0,098	0,302	-0,003	0,010	0,141	FALSE
0,073	0,294	0,002	0,011	0,066	FALSE

-0,043	0,324	-0,002	0,010	0,061	FALSE
-0,101	0,309	-0,004	0,011	0,129	FALSE
0,075	0,317	0,002	0,009	0,101	FALSE
0,060	0,306	0,002	0,007	0,097	FALSE
0,136	0,291	0,003	0,008	0,153	FALSE
0,054	0,316	0,001	0,010	0,045	FALSE
0,094	0,301	0,003	0,011	0,117	FALSE
0,047	0,311	0,001	0,008	0,043	FALSE
0,067	0,326	0,001	0,007	0,059	FALSE
0,000	0,314	-0,001	0,010	0,029	FALSE
0,035	0,311	0,001	0,010	0,034	FALSE
-0,032	0,292	0,000	0,008	0,009	FALSE
0,024	0,295	0,002	0,012	0,053	FALSE
-0,076	0,315	-0,003	0,013	0,081	FALSE
-0,028	0,307	-0,001	0,009	0,039	FALSE
0,014	0,306	0,000	0,006	0,006	FALSE
0,018	0,331	0,001	0,009	0,020	FALSE
-0,091	0,306	-0,002	0,007	0,105	FALSE
-0,013	0,301	0,000	0,007	0,001	FALSE
0,100	0,300	0,002	0,006	0,160	FALSE
0,079	0,306	0,003	0,012	0,080	FALSE
0,073	0,304	0,001	0,007	0,056	FALSE
-0,009	0,307	0,001	0,013	0,025	FALSE
0,018	0,307	0,000	0,008	0,003	FALSE
0,002	0,320	-0,001	0,008	0,030	FALSE
0,017	0,314	0,000	0,009	0,009	FALSE
-0,038	0,298	-0,001	0,008	0,034	FALSE
-0,049	0,309	-0,001	0,008	0,057	FALSE
-0,052	0,311	-0,001	0,007	0,045	FALSE
-0,075	0,305	-0,002	0,010	0,072	FALSE
0,020	0,310	0,001	0,012	0,020	FALSE
0,109	0,300	0,003	0,007	0,188	FALSE
-0,095	0,305	-0,003	0,010	0,104	FALSE
0,025	0,309	0,001	0,012	0,041	FALSE
-0,029	0,325	0,000	0,008	0,022	FALSE
-0,125	0,294	-0,005	0,012	0,183	FALSE
0,097	0,303	0,005	0,012	0,157	FALSE
-0,082	0,322	-0,003	0,011	0,100	FALSE
0,100	0,312	0,003	0,012	0,109	FALSE
-0,004	0,306	-0,001	0,009	0,028	FALSE
-0,019	0,308	-0,001	0,007	0,059	FALSE
-0,032	0,287	-0,001	0,008	0,063	FALSE
-0,064	0,307	-0,002	0,009	0,084	FALSE
-0,025	0,296	-0,001	0,012	0,029	FALSE
-0,040	0,308	-0,002	0,010	0,067	FALSE
-0,069	0,311	-0,002	0,010	0,057	FALSE
-0,084	0,295	-0,004	0,012	0,139	FALSE
0,033	0,321	0,001	0,008	0,069	FALSE
-0,047	0,315	-0,002	0,012	0,064	FALSE
-0,173	0,290	-0,007	0,012	0,256	FALSE
0,075	0,285	0,003	0,009	0,151	FALSE
0,065	0,281	0,003	0,008	0,140	FALSE
0,017	0,305	0,001	0,007	0,052	FALSE

0,029	0,312	0,000	0,007	0,017	FALSE
0,081	0,314	0,005	0,013	0,144	FALSE
-0,003	0,313	-0,001	0,010	0,024	FALSE
-0,089	0,302	-0,003	0,012	0,109	FALSE
-0,031	0,297	0,000	0,007	0,020	FALSE
-0,122	0,309	-0,003	0,008	0,133	FALSE
0,079	0,301	0,003	0,012	0,093	FALSE
0,109	0,315	0,004	0,013	0,127	FALSE
0,036	0,315	0,001	0,013	0,026	FALSE
0,056	0,313	0,002	0,010	0,062	FALSE
0,041	0,305	0,002	0,012	0,059	FALSE
-0,055	0,315	-0,001	0,007	0,055	FALSE
0,022	0,310	0,000	0,010	0,013	FALSE
-0,061	0,295	-0,002	0,007	0,105	FALSE
-0,169	0,299	-0,004	0,006	0,248	FALSE
-0,063	0,320	-0,002	0,012	0,068	FALSE
-0,106	0,311	-0,004	0,011	0,141	FALSE
0,116	0,302	0,003	0,007	0,157	FALSE
-0,024	0,306	0,000	0,006	0,008	FALSE
-0,073	0,317	-0,002	0,007	0,108	FALSE
0,096	0,319	0,003	0,008	0,139	FALSE
-0,020	0,314	0,000	0,008	0,018	FALSE
0,080	0,304	0,002	0,008	0,116	FALSE
-0,079	0,294	-0,002	0,007	0,109	FALSE
-0,098	0,313	-0,003	0,008	0,142	FALSE
0,017	0,313	0,000	0,009	0,019	FALSE
-0,006	0,315	0,000	0,009	0,013	FALSE
0,011	0,297	0,001	0,008	0,032	FALSE
0,011	0,303	0,000	0,007	0,013	FALSE
0,067	0,314	0,003	0,013	0,105	FALSE
0,256	0,287	0,007	0,008	0,444	FALSE
-0,032	0,326	-0,001	0,008	0,048	FALSE
-0,061	0,300	-0,003	0,012	0,080	FALSE
0,061	0,311	0,002	0,008	0,067	FALSE
0,049	0,303	0,002	0,010	0,069	FALSE
-0,045	0,298	-0,002	0,008	0,068	FALSE
-0,027	0,311	-0,001	0,006	0,035	FALSE
0,042	0,306	0,000	0,007	0,023	FALSE
-0,087	0,305	-0,002	0,008	0,085	FALSE
-0,007	0,303	0,000	0,008	0,007	FALSE
0,056	0,310	0,002	0,008	0,105	FALSE
-0,072	0,322	-0,003	0,012	0,088	FALSE
-0,066	0,311	-0,002	0,012	0,074	FALSE
0,092	0,304	0,003	0,012	0,090	FALSE
-0,032	0,299	-0,002	0,012	0,077	FALSE
0,019	0,304	0,000	0,009	0,004	FALSE
-0,011	0,299	0,000	0,009	0,005	FALSE
0,001	0,312	0,000	0,010	0,005	FALSE
-0,014	0,310	0,000	0,010	0,017	FALSE
-0,014	0,315	-0,001	0,007	0,031	FALSE
0,012	0,312	0,000	0,008	0,010	FALSE
-0,083	0,319	-0,002	0,008	0,092	FALSE
-0,070	0,311	-0,004	0,013	0,106	FALSE

0,019	0,302	0,000	0,011	0,012	FALSE
0,065	0,307	0,002	0,007	0,112	FALSE
0,060	0,295	0,002	0,007	0,091	FALSE
-0,079	0,304	-0,004	0,011	0,133	FALSE
0,089	0,317	0,003	0,011	0,118	FALSE
-0,038	0,309	-0,002	0,012	0,046	FALSE
0,028	0,303	0,001	0,010	0,046	FALSE
0,026	0,301	0,000	0,008	0,016	FALSE
-0,082	0,308	-0,003	0,013	0,090	FALSE
0,027	0,304	0,001	0,008	0,067	FALSE
0,142	0,287	0,006	0,012	0,232	FALSE
0,017	0,321	0,000	0,009	0,011	FALSE
0,041	0,310	0,002	0,011	0,055	FALSE
0,011	0,309	0,000	0,009	0,011	FALSE
0,032	0,306	0,001	0,008	0,025	FALSE
-0,143	0,278	-0,003	0,006	0,171	FALSE
0,053	0,301	0,001	0,006	0,079	FALSE
0,045	0,319	0,002	0,013	0,063	FALSE
0,057	0,311	0,001	0,009	0,060	FALSE
0,142	0,317	0,005	0,011	0,179	FALSE
-0,055	0,311	-0,001	0,008	0,065	FALSE
0,021	0,302	0,000	0,012	0,013	FALSE
-0,054	0,315	-0,002	0,012	0,046	FALSE
0,082	0,308	0,002	0,007	0,103	FALSE
0,009	0,305	-0,001	0,009	0,026	FALSE
-0,039	0,314	-0,002	0,013	0,062	FALSE
0,048	0,302	0,002	0,009	0,069	FALSE
0,083	0,312	0,003	0,010	0,130	FALSE
0,094	0,312	0,002	0,010	0,099	FALSE
-0,064	0,321	-0,001	0,007	0,064	FALSE
-0,003	0,309	0,000	0,007	0,020	FALSE
0,071	0,309	0,003	0,009	0,125	FALSE
-0,006	0,307	0,000	0,009	0,003	FALSE
-0,003	0,308	0,000	0,009	0,002	FALSE
0,002	0,306	0,000	0,008	0,002	FALSE
0,024	0,312	0,001	0,009	0,030	FALSE
0,047	0,305	0,001	0,011	0,034	FALSE
0,051	0,300	0,002	0,008	0,072	FALSE
-0,042	0,291	-0,002	0,007	0,083	FALSE
0,086	0,308	0,003	0,012	0,104	FALSE
0,043	0,321	0,002	0,012	0,055	FALSE
-0,160	0,312	-0,004	0,008	0,218	FALSE
0,059	0,308	0,002	0,009	0,076	FALSE
-0,150	0,299	-0,006	0,011	0,234	FALSE
-0,034	0,313	-0,001	0,009	0,038	FALSE
-0,045	0,312	-0,001	0,009	0,047	FALSE
-0,031	0,300	-0,001	0,008	0,054	FALSE
0,078	0,300	0,001	0,008	0,071	FALSE
-0,110	0,320	-0,005	0,012	0,154	FALSE
-0,090	0,310	-0,004	0,013	0,130	FALSE
-0,055	0,305	-0,002	0,009	0,095	FALSE
0,084	0,305	0,003	0,010	0,098	FALSE
-0,128	0,304	-0,003	0,008	0,169	FALSE

-0,144	0,285	-0,003	0,007	0,205	FALSE
0,129	0,300	0,003	0,007	0,155	FALSE
-0,160	0,310	-0,006	0,011	0,252	FALSE
-0,040	0,313	-0,001	0,011	0,028	FALSE
-0,112	0,306	-0,005	0,013	0,149	FALSE
-0,060	0,293	-0,002	0,011	0,074	FALSE
-0,151	0,296	-0,003	0,007	0,196	FALSE
-0,068	0,300	-0,002	0,010	0,077	FALSE
0,100	0,296	0,003	0,010	0,106	FALSE
-0,023	0,322	-0,001	0,011	0,039	FALSE
-0,054	0,297	-0,001	0,009	0,041	FALSE
0,115	0,311	0,004	0,012	0,133	FALSE
0,119	0,291	0,004	0,010	0,149	FALSE
-0,138	0,294	-0,004	0,008	0,182	FALSE
0,102	0,320	0,003	0,013	0,101	FALSE
0,086	0,285	0,002	0,009	0,088	FALSE
0,070	0,314	0,001	0,009	0,064	FALSE
-0,140	0,316	-0,003	0,007	0,180	FALSE
0,049	0,310	0,002	0,008	0,077	FALSE
-0,067	0,305	-0,001	0,007	0,076	FALSE
-0,017	0,289	-0,001	0,010	0,055	FALSE
-0,060	0,311	-0,002	0,010	0,058	FALSE
-0,058	0,330	-0,002	0,010	0,085	FALSE
-0,192	0,304	-0,007	0,011	0,291	FALSE
-0,196	0,301	-0,007	0,010	0,310	FALSE
0,185	0,290	0,007	0,012	0,262	FALSE
0,076	0,302	0,002	0,007	0,083	FALSE
-0,035	0,307	0,000	0,007	0,016	FALSE
-0,028	0,317	-0,001	0,009	0,049	FALSE
0,066	0,312	0,003	0,013	0,078	FALSE
-0,095	0,299	-0,003	0,012	0,108	FALSE
-0,140	0,307	-0,005	0,012	0,176	FALSE
-0,050	0,309	-0,002	0,008	0,076	FALSE
-0,052	0,305	-0,002	0,012	0,051	FALSE
0,012	0,298	0,001	0,009	0,023	FALSE
-0,023	0,307	-0,001	0,010	0,033	FALSE
0,018	0,300	0,001	0,009	0,044	FALSE
-0,095	0,298	-0,003	0,012	0,079	FALSE
-0,035	0,304	-0,001	0,012	0,033	FALSE
-0,118	0,305	-0,004	0,011	0,149	FALSE
-0,050	0,308	-0,001	0,013	0,041	FALSE
-0,068	0,311	-0,002	0,007	0,096	FALSE
-0,071	0,310	-0,002	0,010	0,091	FALSE
-0,127	0,294	-0,004	0,011	0,163	FALSE
0,089	0,298	0,003	0,011	0,120	FALSE
-0,104	0,301	-0,004	0,011	0,150	FALSE
0,003	0,300	0,000	0,007	0,014	FALSE
-0,021	0,294	0,000	0,007	0,012	FALSE
0,173	0,294	0,007	0,011	0,288	FALSE
0,044	0,307	0,001	0,012	0,028	FALSE
0,018	0,294	0,002	0,010	0,055	FALSE
-0,020	0,301	0,000	0,011	0,008	FALSE
0,083	0,316	0,003	0,011	0,098	FALSE

0,137	0,295	0,003	0,007	0,203	FALSE
0,102	0,312	0,004	0,010	0,139	FALSE
-0,001	0,307	0,000	0,008	0,005	FALSE
-0,164	0,296	-0,004	0,008	0,216	FALSE
-0,103	0,315	-0,002	0,008	0,110	FALSE
-0,140	0,296	-0,003	0,008	0,178	FALSE
0,045	0,312	0,001	0,011	0,042	FALSE
-0,029	0,314	-0,001	0,008	0,034	FALSE
-0,067	0,304	-0,003	0,012	0,080	FALSE
0,022	0,309	0,001	0,008	0,049	FALSE
-0,002	0,309	-0,001	0,011	0,020	FALSE
0,018	0,294	0,000	0,010	0,006	FALSE
0,085	0,313	0,003	0,010	0,132	FALSE
0,081	0,288	0,002	0,009	0,098	FALSE
0,050	0,309	0,002	0,009	0,086	FALSE
-0,023	0,317	-0,001	0,013	0,029	FALSE
0,121	0,307	0,003	0,007	0,154	FALSE
-0,151	0,302	-0,006	0,013	0,211	FALSE
0,014	0,311	0,001	0,008	0,030	FALSE
-0,112	0,314	-0,005	0,013	0,158	FALSE
-0,017	0,302	0,000	0,008	0,004	FALSE
-0,041	0,298	-0,002	0,011	0,070	FALSE
-0,041	0,303	-0,002	0,011	0,074	FALSE
-0,002	0,290	-0,001	0,012	0,026	FALSE
0,008	0,318	0,000	0,008	0,012	FALSE
-0,030	0,292	-0,002	0,010	0,065	FALSE
0,173	0,300	0,005	0,010	0,229	FALSE
0,007	0,320	0,000	0,013	0,007	FALSE
-0,118	0,296	-0,004	0,010	0,143	FALSE
-0,124	0,304	-0,004	0,010	0,151	FALSE
0,087	0,303	0,003	0,010	0,122	FALSE
-0,041	0,311	-0,001	0,008	0,043	FALSE
0,128	0,310	0,005	0,013	0,170	FALSE
-0,033	0,302	-0,001	0,013	0,039	FALSE
0,063	0,303	0,002	0,009	0,070	FALSE
0,002	0,323	0,000	0,010	0,007	FALSE
0,059	0,303	0,002	0,009	0,089	FALSE
-0,162	0,286	-0,005	0,009	0,251	FALSE
-0,093	0,294	-0,003	0,008	0,131	FALSE
-0,183	0,296	-0,006	0,010	0,279	FALSE
-0,024	0,305	0,000	0,012	0,013	FALSE
-0,067	0,306	-0,003	0,010	0,101	FALSE
0,000	0,303	0,000	0,007	0,014	FALSE
0,036	0,308	0,001	0,007	0,042	FALSE
0,041	0,305	0,002	0,008	0,067	FALSE
0,052	0,316	0,001	0,010	0,051	FALSE
0,069	0,316	0,002	0,010	0,062	FALSE
0,006	0,308	0,000	0,007	0,017	FALSE
-0,025	0,297	-0,001	0,007	0,051	FALSE
-0,007	0,315	-0,001	0,012	0,016	FALSE
0,037	0,303	0,001	0,006	0,049	FALSE
0,102	0,301	0,003	0,012	0,103	FALSE
0,006	0,302	0,000	0,009	0,006	FALSE

0,133	0,294	0,004	0,010	0,161	FALSE
-0,014	0,318	-0,001	0,010	0,027	FALSE
0,073	0,289	0,001	0,006	0,086	FALSE
-0,001	0,312	0,000	0,007	0,001	FALSE
-0,084	0,304	-0,003	0,012	0,090	FALSE
-0,060	0,304	-0,002	0,010	0,073	FALSE
-0,013	0,316	0,000	0,008	0,012	FALSE
-0,013	0,312	0,000	0,012	0,013	FALSE
-0,007	0,304	0,000	0,010	0,006	FALSE
-0,054	0,295	-0,001	0,007	0,073	FALSE
-0,021	0,303	0,000	0,009	0,017	FALSE
-0,108	0,303	-0,003	0,007	0,167	FALSE
-0,031	0,308	-0,001	0,011	0,023	FALSE
0,090	0,308	0,003	0,008	0,141	FALSE
-0,122	0,300	-0,006	0,012	0,201	FALSE
-0,049	0,304	-0,002	0,010	0,069	FALSE
0,176	0,295	0,008	0,012	0,292	FALSE
-0,077	0,297	-0,004	0,011	0,127	FALSE
0,166	0,291	0,005	0,009	0,258	FALSE
-0,055	0,316	-0,001	0,007	0,063	FALSE
-0,099	0,309	-0,002	0,007	0,109	FALSE
-0,149	0,306	-0,005	0,010	0,206	FALSE
-0,082	0,322	-0,003	0,010	0,113	FALSE
-0,031	0,332	-0,001	0,011	0,035	FALSE
0,096	0,311	0,002	0,007	0,111	FALSE
-0,034	0,312	-0,001	0,007	0,047	FALSE
-0,025	0,308	-0,001	0,007	0,034	FALSE
0,112	0,310	0,004	0,012	0,119	FALSE
-0,024	0,317	-0,001	0,007	0,047	FALSE
-0,054	0,305	-0,002	0,008	0,080	FALSE
0,048	0,300	0,002	0,013	0,066	FALSE
-0,046	0,318	-0,002	0,013	0,043	FALSE
0,082	0,301	0,003	0,009	0,112	FALSE
0,017	0,303	0,001	0,008	0,045	FALSE
0,060	0,297	0,002	0,010	0,087	FALSE
0,103	0,307	0,003	0,011	0,108	FALSE
-0,089	0,311	-0,003	0,012	0,095	FALSE
0,096	0,311	0,003	0,010	0,136	FALSE
0,006	0,316	0,001	0,008	0,023	FALSE
0,005	0,327	0,000	0,011	0,004	FALSE
-0,095	0,312	-0,003	0,008	0,154	FALSE
-0,026	0,306	-0,001	0,008	0,038	FALSE
0,102	0,307	0,003	0,010	0,124	FALSE
-0,039	0,317	-0,002	0,012	0,048	FALSE
0,108	0,313	0,004	0,013	0,133	FALSE
0,051	0,307	0,000	0,007	0,025	FALSE
-0,047	0,302	-0,002	0,009	0,068	FALSE
0,080	0,297	0,002	0,006	0,114	FALSE
-0,037	0,309	-0,001	0,011	0,050	FALSE
-0,003	0,304	-0,001	0,008	0,040	FALSE
-0,137	0,306	-0,003	0,007	0,170	FALSE
0,003	0,318	0,000	0,009	0,004	FALSE
-0,052	0,318	-0,001	0,008	0,042	FALSE

0,103	0,310	0,003	0,010	0,132	FALSE
0,119	0,302	0,003	0,009	0,152	FALSE
-0,160	0,303	-0,005	0,009	0,240	FALSE
0,123	0,312	0,003	0,007	0,137	FALSE
-0,021	0,273	-0,001	0,006	0,040	FALSE
-0,056	0,319	-0,002	0,013	0,069	FALSE
0,009	0,318	0,001	0,009	0,051	FALSE
0,014	0,311	0,001	0,010	0,022	FALSE
0,004	0,305	0,000	0,012	0,011	FALSE
0,089	0,306	0,003	0,013	0,103	FALSE
0,054	0,307	0,002	0,013	0,046	FALSE
-0,011	0,322	0,000	0,011	0,002	FALSE
-0,073	0,308	-0,003	0,012	0,104	FALSE
0,047	0,294	0,000	0,009	0,015	FALSE
-0,081	0,302	-0,003	0,012	0,091	FALSE
0,009	0,294	0,001	0,011	0,034	FALSE
-0,017	0,301	0,000	0,012	0,012	FALSE
0,139	0,302	0,003	0,008	0,161	FALSE
0,013	0,314	0,001	0,013	0,025	FALSE
-0,088	0,304	-0,002	0,007	0,118	FALSE
0,046	0,297	0,002	0,009	0,090	FALSE
-0,003	0,304	0,000	0,011	0,014	FALSE
-0,043	0,312	-0,002	0,009	0,077	FALSE
0,061	0,289	0,001	0,011	0,047	FALSE
0,042	0,306	0,002	0,009	0,074	FALSE
0,089	0,308	0,002	0,007	0,120	FALSE
-0,004	0,313	0,000	0,009	0,004	FALSE
-0,042	0,310	-0,002	0,013	0,063	FALSE
0,010	0,311	0,000	0,009	0,004	FALSE
0,141	0,304	0,003	0,007	0,192	FALSE
-0,166	0,318	-0,004	0,007	0,219	FALSE
0,059	0,308	0,001	0,007	0,045	FALSE
0,016	0,304	0,000	0,009	0,012	FALSE
-0,094	0,311	-0,003	0,011	0,101	FALSE
0,005	0,308	0,000	0,007	0,003	FALSE
0,047	0,306	0,001	0,009	0,023	FALSE
-0,014	0,304	-0,002	0,011	0,070	FALSE
0,015	0,306	0,000	0,013	0,013	FALSE
-0,071	0,297	-0,001	0,009	0,059	FALSE
0,015	0,304	0,000	0,013	0,003	FALSE
0,098	0,303	0,004	0,011	0,134	FALSE
0,118	0,309	0,004	0,011	0,137	FALSE
0,044	0,314	0,002	0,012	0,049	FALSE
0,098	0,304	0,003	0,010	0,125	FALSE
-0,023	0,314	-0,001	0,010	0,031	FALSE
-0,143	0,301	-0,006	0,011	0,206	FALSE
0,106	0,304	0,004	0,010	0,151	FALSE
-0,030	0,301	0,000	0,008	0,014	FALSE
-0,062	0,295	-0,002	0,009	0,067	FALSE
-0,040	0,310	-0,001	0,006	0,031	FALSE
-0,069	0,302	-0,001	0,007	0,069	FALSE
-0,107	0,308	-0,002	0,008	0,118	FALSE
0,067	0,301	0,002	0,006	0,102	FALSE

0,033	0,285	0,002	0,012	0,075	FALSE
0,021	0,296	0,001	0,012	0,040	FALSE
0,162	0,303	0,005	0,009	0,248	FALSE
0,174	0,309	0,006	0,009	0,254	FALSE
-0,078	0,295	-0,002	0,007	0,097	FALSE
-0,084	0,301	-0,002	0,007	0,111	FALSE
0,144	0,302	0,003	0,008	0,158	FALSE
-0,066	0,290	-0,001	0,006	0,071	FALSE
-0,043	0,307	-0,001	0,007	0,054	FALSE
0,098	0,310	0,002	0,006	0,123	FALSE
-0,011	0,304	-0,001	0,012	0,024	FALSE
0,064	0,306	0,003	0,012	0,105	FALSE
-0,074	0,285	-0,002	0,006	0,098	FALSE
-0,055	0,296	-0,001	0,007	0,060	FALSE
0,070	0,301	0,002	0,008	0,074	FALSE
-0,145	0,276	-0,004	0,009	0,200	FALSE
0,044	0,322	0,001	0,008	0,058	FALSE
0,030	0,306	0,001	0,009	0,036	FALSE
0,068	0,323	0,002	0,009	0,084	FALSE
0,004	0,311	0,000	0,009	0,021	FALSE
0,070	0,295	0,002	0,007	0,107	FALSE
-0,084	0,311	-0,003	0,009	0,120	FALSE
0,017	0,310	0,000	0,006	0,026	FALSE
0,230	0,295	0,008	0,011	0,331	FALSE
-0,129	0,294	-0,003	0,008	0,169	FALSE
-0,068	0,310	-0,002	0,011	0,066	FALSE
-0,032	0,305	-0,002	0,011	0,066	FALSE
0,107	0,298	0,004	0,010	0,143	FALSE
0,140	0,306	0,006	0,012	0,198	FALSE
-0,017	0,310	0,000	0,007	0,010	FALSE
0,011	0,309	0,001	0,013	0,035	FALSE
0,117	0,310	0,004	0,012	0,138	FALSE
0,096	0,310	0,002	0,007	0,135	FALSE
0,075	0,305	0,003	0,013	0,083	FALSE
-0,026	0,291	-0,001	0,007	0,031	FALSE
-0,130	0,304	-0,003	0,009	0,156	FALSE
0,019	0,317	0,000	0,011	0,014	FALSE
-0,045	0,291	-0,001	0,007	0,050	FALSE
0,023	0,325	0,001	0,010	0,043	FALSE
0,064	0,305	0,002	0,011	0,075	FALSE
-0,037	0,312	-0,001	0,009	0,023	FALSE
-0,034	0,304	-0,002	0,012	0,062	FALSE
0,020	0,305	0,001	0,009	0,026	FALSE
-0,048	0,312	-0,002	0,009	0,063	FALSE
-0,021	0,306	0,000	0,009	0,014	FALSE
-0,094	0,308	-0,004	0,012	0,133	FALSE
0,033	0,303	0,000	0,007	0,027	FALSE
-0,048	0,295	-0,001	0,009	0,053	FALSE
-0,023	0,308	-0,001	0,006	0,043	FALSE
0,058	0,320	0,003	0,012	0,078	FALSE
-0,059	0,299	-0,001	0,008	0,061	FALSE
-0,131	0,302	-0,003	0,008	0,176	FALSE
-0,045	0,314	-0,001	0,009	0,025	FALSE

0,001	0,305	0,000	0,008	0,007	FALSE
0,200	0,296	0,006	0,009	0,287	FALSE
0,057	0,305	0,002	0,007	0,100	FALSE
-0,073	0,322	-0,003	0,014	0,070	FALSE
-0,030	0,306	0,000	0,007	0,018	FALSE
-0,050	0,305	-0,001	0,007	0,056	FALSE
-0,104	0,319	-0,003	0,008	0,131	FALSE
-0,092	0,297	-0,002	0,008	0,103	FALSE
0,067	0,306	0,001	0,006	0,087	FALSE
0,218	0,291	0,005	0,007	0,337	FALSE
0,170	0,300	0,006	0,010	0,256	FALSE
0,188	0,299	0,005	0,008	0,232	FALSE
-0,091	0,293	-0,002	0,006	0,136	FALSE
-0,106	0,296	-0,002	0,006	0,144	FALSE
0,042	0,298	0,001	0,010	0,043	FALSE
-0,021	0,319	0,000	0,007	0,013	FALSE
0,006	0,305	-0,001	0,006	0,031	FALSE
-0,047	0,304	-0,001	0,009	0,040	FALSE
-0,040	0,295	-0,001	0,010	0,047	FALSE
-0,048	0,309	-0,001	0,008	0,034	FALSE
0,086	0,305	0,002	0,007	0,115	FALSE
0,068	0,301	0,002	0,006	0,107	FALSE
0,173	0,302	0,007	0,013	0,249	FALSE
-0,078	0,310	-0,003	0,012	0,095	FALSE
0,018	0,309	0,000	0,012	0,008	FALSE
-0,162	0,301	-0,004	0,008	0,192	FALSE
0,014	0,308	0,001	0,012	0,016	FALSE
-0,017	0,311	0,000	0,008	0,013	FALSE
0,012	0,307	0,000	0,011	0,015	FALSE
0,146	0,315	0,003	0,007	0,186	FALSE
-0,005	0,304	0,000	0,008	0,008	FALSE
0,165	0,300	0,007	0,012	0,232	FALSE
-0,065	0,316	-0,002	0,011	0,065	FALSE
0,009	0,298	0,000	0,007	0,020	FALSE
0,025	0,318	0,002	0,011	0,050	FALSE
0,055	0,286	0,002	0,010	0,064	FALSE
-0,006	0,315	0,000	0,012	0,010	FALSE
-0,048	0,321	-0,001	0,012	0,041	FALSE
-0,172	0,313	-0,007	0,013	0,229	FALSE
0,021	0,309	0,000	0,013	0,003	FALSE
0,066	0,304	0,002	0,011	0,077	FALSE
-0,079	0,296	-0,002	0,007	0,113	FALSE
-0,038	0,308	-0,001	0,011	0,039	FALSE
0,162	0,305	0,005	0,009	0,223	FALSE
0,064	0,314	0,002	0,011	0,061	FALSE
0,156	0,304	0,005	0,010	0,216	FALSE
0,005	0,308	0,000	0,011	0,008	FALSE
0,084	0,307	0,002	0,009	0,101	FALSE
0,031	0,306	0,001	0,006	0,049	FALSE
0,024	0,315	0,000	0,007	0,023	FALSE
-0,007	0,313	0,000	0,009	0,004	FALSE
0,011	0,320	0,000	0,007	0,009	FALSE
-0,040	0,312	-0,001	0,007	0,048	FALSE

-0,009	0,291	-0,001	0,009	0,027	FALSE
0,081	0,309	0,002	0,009	0,082	FALSE
-0,071	0,316	-0,002	0,008	0,087	FALSE
-0,087	0,307	-0,004	0,013	0,107	FALSE
0,051	0,301	0,001	0,006	0,075	FALSE
-0,117	0,300	-0,003	0,009	0,124	FALSE
0,012	0,308	0,000	0,009	0,003	FALSE
0,039	0,311	0,001	0,010	0,052	FALSE
0,096	0,295	0,004	0,011	0,136	FALSE
0,064	0,300	0,002	0,010	0,079	FALSE
0,100	0,295	0,002	0,008	0,124	FALSE
-0,043	0,319	-0,001	0,007	0,061	FALSE
-0,100	0,306	-0,003	0,010	0,112	FALSE
-0,118	0,295	-0,003	0,009	0,156	FALSE
-0,041	0,301	-0,002	0,012	0,054	FALSE
0,027	0,317	0,001	0,009	0,040	FALSE
-0,005	0,300	0,000	0,012	0,004	FALSE
0,159	0,301	0,005	0,008	0,256	FALSE
0,152	0,304	0,004	0,008	0,230	FALSE
0,075	0,309	0,002	0,009	0,071	FALSE
-0,148	0,293	-0,006	0,011	0,223	FALSE
-0,034	0,303	-0,001	0,007	0,043	FALSE
0,069	0,308	0,002	0,009	0,081	FALSE
-0,008	0,311	0,000	0,008	0,014	FALSE
0,093	0,308	0,004	0,013	0,128	FALSE
-0,027	0,302	-0,002	0,012	0,057	FALSE
0,040	0,312	0,002	0,011	0,074	FALSE
0,100	0,314	0,004	0,012	0,131	FALSE
0,113	0,312	0,005	0,013	0,138	FALSE
-0,101	0,312	-0,005	0,013	0,160	FALSE
0,032	0,306	0,001	0,013	0,036	FALSE
0,050	0,294	0,001	0,006	0,075	FALSE
-0,031	0,299	-0,001	0,007	0,029	FALSE
0,027	0,302	0,001	0,012	0,028	FALSE
0,053	0,308	0,002	0,011	0,068	FALSE
-0,005	0,313	0,000	0,009	0,006	FALSE
-0,024	0,301	-0,001	0,009	0,039	FALSE
-0,018	0,310	-0,001	0,010	0,020	FALSE
0,014	0,299	0,000	0,008	0,000	FALSE
0,008	0,305	0,000	0,009	0,014	FALSE
0,033	0,298	0,000	0,009	0,001	FALSE
0,102	0,310	0,003	0,009	0,138	FALSE
-0,102	0,310	-0,003	0,007	0,138	FALSE
0,007	0,311	0,000	0,011	0,010	FALSE
0,018	0,289	0,001	0,010	0,019	FALSE
-0,042	0,299	-0,001	0,008	0,057	FALSE
-0,007	0,310	0,000	0,009	0,005	FALSE
0,045	0,310	0,001	0,009	0,059	FALSE
0,037	0,302	0,001	0,013	0,037	FALSE
-0,152	0,316	-0,005	0,012	0,196	FALSE
-0,025	0,303	0,000	0,008	0,021	FALSE
0,080	0,318	0,003	0,012	0,091	FALSE
0,058	0,317	0,002	0,010	0,083	FALSE

0,026	0,307	0,000	0,012	0,011	FALSE
0,156	0,305	0,004	0,008	0,214	FALSE
-0,021	0,316	-0,001	0,013	0,029	FALSE
0,057	0,317	0,003	0,012	0,080	FALSE
-0,108	0,318	-0,004	0,011	0,134	FALSE
-0,047	0,302	-0,002	0,010	0,057	FALSE
0,004	0,299	0,000	0,007	0,001	FALSE
0,158	0,309	0,007	0,013	0,239	FALSE
-0,063	0,305	-0,002	0,008	0,092	FALSE
-0,033	0,314	-0,001	0,012	0,037	FALSE
-0,153	0,292	-0,004	0,006	0,252	FALSE
0,076	0,292	0,002	0,008	0,094	FALSE
0,100	0,291	0,003	0,010	0,116	FALSE
0,018	0,311	0,001	0,008	0,035	FALSE
0,037	0,299	0,000	0,007	0,015	FALSE
0,009	0,300	0,000	0,007	0,018	FALSE
0,003	0,303	0,000	0,009	0,015	FALSE
-0,048	0,294	-0,002	0,012	0,067	FALSE
-0,069	0,304	-0,002	0,010	0,064	FALSE
-0,118	0,309	-0,004	0,011	0,137	FALSE
0,015	0,287	0,000	0,010	0,005	FALSE
0,201	0,329	0,007	0,010	0,277	FALSE
-0,045	0,314	-0,002	0,009	0,060	FALSE
-0,186	0,292	-0,004	0,007	0,264	FALSE
-0,079	0,292	-0,002	0,008	0,112	FALSE
-0,050	0,310	-0,001	0,007	0,050	FALSE
0,044	0,322	0,001	0,008	0,065	FALSE
-0,067	0,299	-0,001	0,007	0,084	FALSE
-0,054	0,305	-0,002	0,011	0,057	FALSE
-0,068	0,313	-0,003	0,012	0,108	FALSE
-0,075	0,314	-0,003	0,012	0,110	FALSE
-0,033	0,307	-0,001	0,008	0,036	FALSE
-0,077	0,301	-0,002	0,009	0,086	FALSE
0,004	0,308	0,000	0,012	0,010	FALSE
0,014	0,303	0,001	0,011	0,021	FALSE
-0,028	0,300	-0,001	0,012	0,033	FALSE
0,136	0,287	0,003	0,007	0,186	FALSE
-0,040	0,308	0,000	0,010	0,012	FALSE
-0,044	0,300	-0,001	0,012	0,023	FALSE
0,041	0,308	0,001	0,008	0,059	FALSE
0,040	0,300	0,002	0,010	0,062	FALSE
0,070	0,304	0,001	0,008	0,055	FALSE
-0,111	0,304	-0,002	0,008	0,127	FALSE
0,007	0,296	0,001	0,012	0,043	FALSE
-0,061	0,313	-0,001	0,008	0,072	FALSE
0,156	0,294	0,006	0,010	0,255	FALSE
0,174	0,288	0,006	0,010	0,293	FALSE
-0,063	0,297	-0,002	0,007	0,109	FALSE
0,014	0,311	0,000	0,009	0,018	FALSE
0,113	0,295	0,004	0,007	0,224	FALSE
-0,090	0,317	-0,003	0,010	0,114	FALSE
-0,123	0,313	-0,003	0,008	0,187	FALSE
-0,084	0,320	-0,002	0,008	0,113	FALSE

0,059	0,312	0,002	0,009	0,100	FALSE
-0,003	0,316	0,000	0,013	0,001	FALSE
0,048	0,309	0,002	0,012	0,071	FALSE
0,100	0,300	0,002	0,007	0,087	FALSE
0,059	0,306	0,002	0,012	0,078	FALSE
0,167	0,302	0,008	0,011	0,303	FALSE
-0,146	0,308	-0,006	0,013	0,194	FALSE
-0,004	0,307	0,000	0,007	0,004	FALSE
-0,017	0,308	0,000	0,007	0,021	FALSE
0,034	0,316	0,001	0,011	0,051	FALSE
-0,103	0,314	-0,003	0,010	0,107	FALSE
-0,075	0,306	-0,002	0,007	0,090	FALSE
-0,162	0,301	-0,004	0,007	0,210	FALSE
0,050	0,299	0,002	0,011	0,067	FALSE
-0,150	0,292	-0,004	0,009	0,200	FALSE
-0,185	0,294	-0,007	0,013	0,244	FALSE
0,011	0,308	0,001	0,012	0,040	FALSE
-0,086	0,290	-0,001	0,006	0,077	FALSE
0,095	0,292	0,003	0,011	0,106	FALSE
0,010	0,310	0,001	0,013	0,020	FALSE
0,066	0,303	0,002	0,009	0,070	FALSE
0,106	0,291	0,002	0,007	0,116	FALSE
0,004	0,317	0,000	0,009	0,010	FALSE
0,103	0,297	0,002	0,008	0,103	FALSE
0,018	0,303	0,001	0,011	0,040	FALSE
0,168	0,294	0,006	0,012	0,228	FALSE
-0,166	0,293	-0,004	0,007	0,266	FALSE
-0,096	0,314	-0,003	0,009	0,117	FALSE
-0,005	0,307	0,000	0,007	0,009	FALSE
0,121	0,307	0,004	0,012	0,136	FALSE
-0,026	0,295	-0,001	0,011	0,043	FALSE
0,061	0,307	0,001	0,007	0,081	FALSE
0,055	0,302	0,001	0,006	0,081	FALSE
0,023	0,298	0,000	0,010	0,008	FALSE
-0,023	0,305	-0,002	0,012	0,050	FALSE
0,032	0,300	0,002	0,010	0,060	FALSE
0,022	0,303	0,000	0,013	0,012	FALSE
0,068	0,309	0,002	0,008	0,097	FALSE
0,102	0,301	0,005	0,013	0,143	FALSE
-0,037	0,308	-0,001	0,012	0,042	FALSE
0,113	0,295	0,004	0,010	0,143	FALSE
0,047	0,309	0,001	0,008	0,057	FALSE
0,082	0,301	0,003	0,012	0,090	FALSE
0,067	0,315	0,001	0,008	0,062	FALSE
0,057	0,308	0,001	0,008	0,046	FALSE
0,061	0,300	0,002	0,008	0,119	FALSE
0,090	0,293	0,002	0,007	0,117	FALSE
0,053	0,295	0,002	0,007	0,108	FALSE
-0,008	0,311	-0,001	0,009	0,023	FALSE
0,076	0,314	0,002	0,008	0,095	FALSE
-0,027	0,295	-0,001	0,008	0,025	FALSE
0,053	0,303	0,002	0,012	0,060	FALSE
-0,126	0,313	-0,003	0,008	0,183	FALSE

-0,110	0,317	-0,005	0,012	0,152	FALSE
0,104	0,305	0,002	0,008	0,115	FALSE
0,076	0,291	0,003	0,010	0,100	FALSE
-0,030	0,316	-0,001	0,011	0,024	FALSE
-0,007	0,314	0,000	0,010	0,006	FALSE
-0,043	0,316	-0,001	0,011	0,046	FALSE
-0,060	0,316	-0,002	0,008	0,092	FALSE
0,009	0,299	0,000	0,009	0,016	FALSE
-0,060	0,312	-0,002	0,011	0,058	FALSE
0,021	0,314	0,001	0,008	0,029	FALSE
0,024	0,308	0,000	0,007	0,009	FALSE
0,034	0,309	0,001	0,008	0,030	FALSE
0,080	0,312	0,002	0,008	0,104	FALSE
0,046	0,318	0,002	0,011	0,069	FALSE
0,169	0,300	0,005	0,009	0,245	FALSE
0,084	0,315	0,002	0,007	0,101	FALSE
0,063	0,300	0,002	0,009	0,069	FALSE
0,130	0,303	0,006	0,013	0,180	FALSE
0,053	0,309	0,002	0,012	0,065	FALSE
-0,013	0,306	-0,001	0,013	0,034	FALSE
0,000	0,299	0,000	0,012	0,009	FALSE
-0,029	0,299	0,000	0,006	0,026	FALSE
-0,020	0,320	0,000	0,007	0,022	FALSE
-0,046	0,310	-0,001	0,007	0,056	FALSE
-0,024	0,314	0,000	0,010	0,005	FALSE
0,007	0,309	-0,001	0,009	0,020	FALSE
-0,058	0,302	-0,002	0,009	0,099	FALSE
-0,058	0,298	-0,001	0,007	0,083	FALSE
0,003	0,321	0,001	0,009	0,035	FALSE
0,011	0,310	0,000	0,008	0,001	FALSE
-0,109	0,291	-0,003	0,009	0,125	FALSE
-0,135	0,304	-0,003	0,006	0,184	FALSE
-0,124	0,323	-0,002	0,006	0,145	FALSE
-0,085	0,325	-0,002	0,008	0,101	FALSE
-0,026	0,303	-0,001	0,007	0,032	FALSE
0,006	0,301	0,001	0,007	0,029	FALSE
-0,016	0,327	-0,001	0,008	0,059	FALSE
0,005	0,316	0,000	0,008	0,012	FALSE
-0,051	0,306	-0,001	0,008	0,059	FALSE
0,007	0,314	0,001	0,011	0,019	FALSE
0,005	0,310	0,000	0,009	0,007	FALSE
0,007	0,308	0,000	0,008	0,001	FALSE
0,133	0,302	0,003	0,007	0,192	FALSE
-0,061	0,315	-0,002	0,010	0,071	FALSE
-0,008	0,306	0,000	0,012	0,013	FALSE
-0,041	0,309	-0,001	0,008	0,030	FALSE
0,000	0,304	-0,001	0,009	0,019	FALSE
0,012	0,309	0,000	0,007	0,010	FALSE
0,055	0,309	0,001	0,008	0,067	FALSE
0,117	0,301	0,005	0,009	0,222	FALSE
0,068	0,299	0,003	0,011	0,083	FALSE
0,008	0,295	0,001	0,008	0,038	FALSE
0,039	0,313	0,000	0,009	0,015	FALSE

-0,042	0,325	-0,001	0,008	0,033	FALSE
0,023	0,320	0,000	0,007	0,002	FALSE
0,059	0,301	0,002	0,010	0,071	FALSE
0,049	0,309	0,002	0,013	0,069	FALSE
0,021	0,307	0,001	0,008	0,022	FALSE
-0,066	0,319	-0,001	0,007	0,068	FALSE
0,025	0,315	0,001	0,013	0,014	FALSE
0,041	0,307	0,002	0,007	0,081	FALSE
0,015	0,326	0,001	0,011	0,021	FALSE
-0,029	0,316	0,000	0,008	0,014	FALSE
0,024	0,304	0,000	0,013	0,011	FALSE
-0,027	0,313	-0,001	0,010	0,035	FALSE
0,037	0,311	0,002	0,010	0,060	FALSE
-0,079	0,295	-0,003	0,012	0,085	FALSE
0,016	0,299	0,000	0,008	0,003	FALSE
0,006	0,313	0,000	0,012	0,010	FALSE
-0,131	0,311	-0,005	0,012	0,162	FALSE
0,024	0,318	0,001	0,010	0,025	FALSE
-0,137	0,295	-0,004	0,009	0,176	FALSE
0,120	0,301	0,003	0,007	0,170	FALSE
-0,005	0,308	0,000	0,009	0,003	FALSE
-0,038	0,328	-0,001	0,009	0,040	FALSE
-0,013	0,319	-0,001	0,009	0,032	FALSE
-0,010	0,288	-0,001	0,009	0,026	FALSE
-0,114	0,309	-0,003	0,007	0,175	FALSE
0,088	0,309	0,003	0,009	0,110	FALSE
-0,074	0,304	-0,002	0,007	0,099	FALSE
0,092	0,297	0,002	0,007	0,121	FALSE
0,046	0,302	0,001	0,006	0,062	FALSE
0,208	0,298	0,008	0,012	0,325	FALSE
0,238	0,292	0,009	0,012	0,348	FALSE
-0,059	0,304	-0,002	0,011	0,079	FALSE
-0,085	0,315	-0,004	0,013	0,105	FALSE
-0,030	0,302	-0,002	0,012	0,051	FALSE
0,049	0,308	0,002	0,012	0,047	FALSE
0,152	0,304	0,003	0,006	0,195	FALSE
-0,026	0,314	0,000	0,007	0,017	FALSE
0,136	0,316	0,006	0,013	0,190	FALSE
-0,107	0,318	-0,002	0,007	0,130	FALSE
0,173	0,301	0,007	0,012	0,263	FALSE
0,018	0,296	0,000	0,012	0,009	FALSE
0,080	0,304	0,002	0,008	0,094	FALSE
0,030	0,302	0,001	0,010	0,039	FALSE
-0,066	0,303	-0,002	0,012	0,078	FALSE
-0,071	0,296	-0,003	0,012	0,094	FALSE
-0,067	0,299	-0,001	0,006	0,067	FALSE
0,005	0,311	0,000	0,012	0,007	FALSE
0,028	0,304	0,001	0,009	0,044	FALSE
-0,082	0,311	-0,002	0,007	0,097	FALSE
-0,004	0,304	0,000	0,009	0,006	FALSE
-0,118	0,314	-0,002	0,007	0,135	FALSE
-0,100	0,295	-0,002	0,007	0,102	FALSE
0,045	0,299	0,001	0,011	0,047	FALSE

-0,033	0,302	-0,001	0,012	0,041	FALSE
0,078	0,292	0,002	0,009	0,078	FALSE
0,071	0,304	0,002	0,009	0,063	FALSE
0,005	0,301	0,000	0,010	0,017	FALSE
0,097	0,314	0,003	0,009	0,132	FALSE
-0,002	0,313	0,000	0,012	0,006	FALSE
-0,147	0,307	-0,003	0,008	0,174	FALSE
-0,132	0,298	-0,003	0,008	0,173	FALSE
-0,110	0,308	-0,003	0,007	0,134	FALSE
-0,120	0,292	-0,003	0,007	0,177	FALSE
-0,089	0,306	-0,003	0,008	0,127	FALSE
-0,098	0,308	-0,002	0,007	0,137	FALSE
-0,054	0,309	-0,001	0,007	0,066	FALSE
0,049	0,321	0,001	0,009	0,047	FALSE
0,065	0,317	0,001	0,008	0,069	FALSE
0,034	0,303	0,000	0,007	0,024	FALSE
-0,042	0,307	-0,001	0,007	0,026	FALSE
0,112	0,317	0,003	0,008	0,178	FALSE
0,020	0,309	0,000	0,006	0,024	FALSE
0,042	0,297	0,001	0,006	0,060	FALSE
0,013	0,313	0,000	0,012	0,011	FALSE
0,017	0,304	0,000	0,007	0,011	FALSE
0,028	0,294	0,001	0,007	0,026	FALSE
-0,042	0,318	-0,001	0,007	0,044	FALSE
-0,064	0,310	-0,003	0,013	0,089	FALSE
0,062	0,315	0,002	0,009	0,066	FALSE
0,031	0,295	0,000	0,009	0,017	FALSE
-0,004	0,309	0,000	0,007	0,002	FALSE
0,019	0,303	0,002	0,013	0,059	FALSE
-0,041	0,310	-0,001	0,012	0,043	FALSE
0,028	0,294	0,000	0,006	0,017	FALSE
0,032	0,301	0,002	0,012	0,044	FALSE
0,057	0,306	0,002	0,009	0,081	FALSE
0,058	0,315	0,002	0,008	0,082	FALSE
0,094	0,304	0,003	0,009	0,138	FALSE
0,076	0,293	0,002	0,009	0,096	FALSE
0,049	0,309	0,002	0,011	0,063	FALSE
0,030	0,305	0,001	0,009	0,035	FALSE
0,031	0,300	0,001	0,006	0,067	FALSE
-0,021	0,320	-0,001	0,008	0,039	FALSE
0,014	0,315	0,001	0,011	0,032	FALSE
-0,064	0,315	-0,002	0,011	0,090	FALSE
-0,016	0,296	-0,001	0,007	0,025	FALSE
-0,037	0,318	-0,001	0,007	0,049	FALSE
0,102	0,315	0,003	0,008	0,172	FALSE
0,065	0,308	0,003	0,009	0,129	FALSE
-0,062	0,305	-0,002	0,008	0,096	FALSE
0,011	0,300	0,000	0,009	0,001	FALSE
-0,007	0,293	-0,001	0,009	0,030	FALSE
-0,099	0,295	-0,003	0,009	0,106	FALSE
-0,089	0,293	-0,004	0,010	0,139	FALSE
-0,019	0,314	-0,001	0,006	0,030	FALSE
-0,014	0,306	0,000	0,007	0,002	FALSE

-0,098	0,293	-0,003	0,007	0,133	FALSE
-0,033	0,303	-0,001	0,008	0,057	FALSE
0,028	0,324	0,001	0,013	0,029	FALSE
-0,034	0,298	-0,001	0,007	0,033	FALSE
0,092	0,315	0,002	0,008	0,108	FALSE
-0,015	0,318	0,000	0,008	0,016	FALSE
0,011	0,313	0,001	0,008	0,028	FALSE
0,014	0,316	0,000	0,008	0,012	FALSE
0,034	0,312	0,001	0,008	0,045	FALSE
0,058	0,307	0,003	0,012	0,088	FALSE
0,140	0,304	0,004	0,009	0,192	FALSE
0,006	0,324	0,000	0,010	0,005	FALSE
0,001	0,317	0,000	0,009	0,001	FALSE
-0,083	0,294	-0,003	0,010	0,110	FALSE
0,012	0,318	-0,001	0,012	0,017	FALSE
-0,161	0,308	-0,003	0,007	0,212	FALSE
-0,120	0,314	-0,003	0,008	0,164	FALSE
0,073	0,300	0,002	0,007	0,095	FALSE
-0,119	0,318	-0,003	0,008	0,159	FALSE
-0,049	0,317	-0,001	0,008	0,065	FALSE
-0,026	0,304	0,000	0,007	0,021	FALSE
0,020	0,310	0,001	0,008	0,026	FALSE
0,000	0,322	0,000	0,009	0,004	FALSE
-0,068	0,306	-0,002	0,009	0,092	FALSE
-0,095	0,319	-0,004	0,012	0,125	FALSE
-0,130	0,306	-0,005	0,012	0,161	FALSE
0,101	0,320	0,004	0,012	0,120	FALSE
0,087	0,306	0,002	0,008	0,077	FALSE
-0,004	0,308	-0,001	0,011	0,016	FALSE
-0,007	0,303	-0,001	0,011	0,024	FALSE
-0,089	0,312	-0,002	0,007	0,107	FALSE
-0,015	0,306	-0,001	0,011	0,034	FALSE
-0,080	0,310	-0,003	0,011	0,121	FALSE
-0,161	0,296	-0,007	0,012	0,245	FALSE
-0,111	0,310	-0,003	0,008	0,138	FALSE
-0,087	0,301	-0,004	0,012	0,142	FALSE
0,018	0,313	0,001	0,008	0,041	FALSE
0,027	0,302	0,002	0,013	0,045	FALSE
-0,042	0,306	-0,001	0,007	0,051	FALSE
-0,161	0,315	-0,005	0,009	0,233	FALSE
0,101	0,309	0,004	0,013	0,127	FALSE
0,045	0,304	0,000	0,006	0,014	FALSE
-0,026	0,308	-0,001	0,012	0,020	FALSE
0,023	0,314	0,000	0,010	0,015	FALSE
-0,026	0,300	-0,001	0,008	0,046	FALSE
-0,087	0,314	-0,003	0,012	0,105	FALSE
-0,052	0,310	-0,002	0,013	0,068	FALSE
0,174	0,293	0,004	0,007	0,242	FALSE
0,189	0,309	0,005	0,008	0,268	FALSE
-0,031	0,312	-0,002	0,013	0,049	FALSE
-0,016	0,321	-0,001	0,013	0,036	FALSE
-0,016	0,316	-0,001	0,013	0,031	FALSE
-0,068	0,302	-0,002	0,007	0,104	FALSE

-0,103	0,302	-0,003	0,008	0,134	FALSE
-0,006	0,313	0,000	0,013	0,001	FALSE
-0,073	0,313	-0,002	0,007	0,105	FALSE
-0,038	0,308	-0,001	0,008	0,023	FALSE
0,062	0,314	0,002	0,013	0,060	FALSE
0,060	0,307	0,002	0,013	0,061	FALSE
0,035	0,297	0,001	0,008	0,031	FALSE
0,026	0,315	0,001	0,010	0,023	FALSE
0,005	0,306	0,000	0,010	0,003	FALSE
-0,030	0,300	-0,001	0,011	0,041	FALSE
0,028	0,309	0,001	0,007	0,037	FALSE
-0,030	0,308	-0,001	0,008	0,038	FALSE
0,062	0,304	0,002	0,008	0,113	FALSE
0,046	0,310	0,002	0,008	0,089	FALSE
-0,024	0,322	0,000	0,008	0,020	FALSE
0,062	0,309	0,002	0,013	0,065	FALSE
-0,165	0,303	-0,005	0,009	0,238	FALSE
-0,026	0,312	0,000	0,011	0,015	FALSE
-0,082	0,314	-0,002	0,007	0,087	FALSE
-0,047	0,307	-0,001	0,008	0,067	FALSE
-0,038	0,301	-0,001	0,007	0,061	FALSE
0,033	0,311	0,001	0,007	0,044	FALSE
0,072	0,313	0,002	0,008	0,082	FALSE
0,047	0,319	0,001	0,007	0,075	FALSE
-0,072	0,302	-0,002	0,008	0,095	FALSE
0,020	0,303	0,001	0,012	0,040	FALSE
0,032	0,301	0,002	0,012	0,058	FALSE
-0,012	0,302	0,000	0,009	0,008	FALSE
-0,016	0,317	0,000	0,011	0,014	FALSE
-0,010	0,301	0,000	0,010	0,007	FALSE
-0,014	0,309	0,000	0,011	0,003	FALSE
-0,041	0,308	-0,001	0,008	0,036	FALSE
0,031	0,314	0,001	0,008	0,040	FALSE
0,032	0,300	0,001	0,007	0,046	FALSE
0,000	0,313	0,000	0,008	0,000	FALSE
-0,039	0,307	-0,002	0,013	0,062	FALSE
0,081	0,313	0,002	0,009	0,091	FALSE
-0,036	0,308	-0,002	0,012	0,057	FALSE
-0,110	0,318	-0,005	0,013	0,160	FALSE
-0,067	0,310	-0,003	0,012	0,084	FALSE
-0,106	0,310	-0,004	0,010	0,166	FALSE
0,004	0,306	0,000	0,007	0,016	FALSE
-0,104	0,309	-0,005	0,013	0,151	FALSE
0,044	0,308	0,001	0,007	0,070	FALSE
-0,104	0,295	-0,004	0,010	0,142	FALSE
0,028	0,317	0,001	0,010	0,018	FALSE
0,034	0,310	0,000	0,008	0,020	FALSE
0,051	0,308	0,001	0,007	0,057	FALSE
0,107	0,308	0,004	0,012	0,132	FALSE
0,132	0,290	0,005	0,012	0,165	FALSE
0,051	0,313	0,001	0,011	0,027	FALSE
0,074	0,305	0,004	0,013	0,131	FALSE
0,038	0,300	0,001	0,009	0,033	FALSE

0,007	0,294	0,000	0,009	0,005	FALSE
0,040	0,296	0,001	0,007	0,061	FALSE
-0,109	0,294	-0,003	0,008	0,154	FALSE
-0,033	0,324	-0,001	0,010	0,051	FALSE
-0,005	0,312	0,000	0,010	0,002	FALSE
-0,087	0,310	-0,003	0,013	0,104	FALSE
0,066	0,315	0,001	0,007	0,056	FALSE
-0,086	0,299	-0,002	0,008	0,112	FALSE
-0,184	0,308	-0,007	0,010	0,292	FALSE
0,071	0,300	0,003	0,012	0,090	FALSE
-0,033	0,292	-0,001	0,006	0,057	FALSE
0,029	0,307	0,001	0,011	0,038	FALSE
0,024	0,309	0,001	0,010	0,031	FALSE
-0,079	0,311	-0,001	0,008	0,056	FALSE
0,063	0,298	0,001	0,008	0,049	FALSE
0,139	0,306	0,003	0,007	0,177	FALSE
0,046	0,309	0,001	0,011	0,031	FALSE
-0,019	0,306	-0,001	0,007	0,034	FALSE
0,029	0,309	0,001	0,008	0,039	FALSE
0,081	0,324	0,002	0,008	0,111	FALSE
-0,078	0,302	-0,003	0,012	0,097	FALSE
-0,008	0,311	-0,001	0,012	0,019	FALSE
0,156	0,296	0,003	0,007	0,200	FALSE
0,002	0,305	0,000	0,012	0,008	FALSE
-0,051	0,312	-0,002	0,011	0,053	FALSE
0,013	0,317	0,000	0,007	0,011	FALSE
-0,093	0,297	-0,003	0,008	0,147	FALSE
0,056	0,307	0,001	0,008	0,054	FALSE
0,057	0,304	0,002	0,013	0,059	FALSE
0,066	0,305	0,003	0,013	0,074	FALSE
-0,097	0,298	-0,003	0,011	0,120	FALSE
0,005	0,304	0,000	0,009	0,019	FALSE
-0,002	0,303	0,000	0,009	0,012	FALSE
0,014	0,304	0,000	0,010	0,011	FALSE
0,077	0,293	0,003	0,011	0,087	FALSE
0,001	0,309	-0,001	0,009	0,027	FALSE
0,112	0,304	0,004	0,010	0,169	FALSE
-0,085	0,314	-0,001	0,007	0,076	FALSE
0,001	0,318	-0,001	0,011	0,020	FALSE
-0,013	0,295	-0,001	0,011	0,024	FALSE
0,083	0,307	0,002	0,011	0,088	FALSE
0,056	0,293	0,002	0,011	0,052	FALSE
-0,135	0,302	-0,004	0,008	0,185	FALSE
0,118	0,311	0,004	0,009	0,156	FALSE
-0,040	0,310	-0,001	0,008	0,039	FALSE
0,042	0,301	0,001	0,008	0,069	FALSE
-0,012	0,325	0,000	0,012	0,013	FALSE
0,062	0,311	0,002	0,008	0,083	FALSE
-0,032	0,315	-0,001	0,008	0,036	FALSE
0,149	0,290	0,007	0,012	0,249	FALSE
-0,034	0,309	-0,001	0,007	0,034	FALSE
-0,028	0,318	-0,001	0,008	0,045	FALSE
0,133	0,300	0,004	0,007	0,218	FALSE

0,038	0,297	0,001	0,009	0,030	FALSE
0,119	0,317	0,005	0,012	0,183	FALSE
-0,009	0,299	0,000	0,006	0,005	FALSE
-0,041	0,309	-0,001	0,008	0,051	FALSE
-0,008	0,307	0,000	0,011	0,014	FALSE
-0,080	0,309	-0,003	0,010	0,105	FALSE
0,011	0,306	0,000	0,010	0,006	FALSE
-0,025	0,298	-0,001	0,008	0,025	FALSE
0,069	0,303	0,001	0,007	0,086	FALSE
-0,040	0,309	-0,001	0,008	0,063	FALSE
0,063	0,319	0,001	0,007	0,070	FALSE
-0,083	0,302	-0,002	0,009	0,098	FALSE
0,071	0,294	0,002	0,007	0,099	FALSE
-0,026	0,301	-0,002	0,013	0,059	FALSE
-0,015	0,311	-0,001	0,007	0,029	FALSE
-0,089	0,306	-0,002	0,008	0,114	FALSE
-0,015	0,299	-0,001	0,013	0,030	FALSE
0,033	0,307	0,001	0,011	0,034	FALSE
-0,073	0,290	-0,003	0,011	0,091	FALSE
-0,048	0,295	-0,001	0,008	0,062	FALSE
0,003	0,314	0,000	0,010	0,015	FALSE
-0,014	0,303	-0,001	0,008	0,024	FALSE
0,111	0,308	0,004	0,013	0,116	FALSE
0,065	0,306	0,003	0,011	0,091	FALSE
-0,058	0,308	-0,001	0,007	0,073	FALSE
0,072	0,307	0,002	0,007	0,095	FALSE
0,035	0,311	0,001	0,008	0,057	FALSE
0,110	0,288	0,003	0,008	0,171	FALSE
0,078	0,305	0,003	0,009	0,109	FALSE
-0,016	0,306	0,000	0,007	0,023	FALSE
-0,055	0,318	-0,002	0,010	0,086	FALSE
0,080	0,306	0,002	0,009	0,087	FALSE
0,098	0,307	0,003	0,010	0,110	FALSE
-0,041	0,314	-0,001	0,009	0,046	FALSE
0,041	0,306	0,001	0,011	0,024	FALSE
0,054	0,318	0,002	0,011	0,072	FALSE
-0,042	0,302	-0,001	0,012	0,027	FALSE
0,008	0,322	0,000	0,011	0,013	FALSE
-0,002	0,317	0,000	0,012	0,010	FALSE
0,134	0,314	0,004	0,009	0,185	FALSE
0,009	0,303	0,000	0,007	0,023	FALSE
0,024	0,314	0,001	0,010	0,037	FALSE
-0,054	0,317	-0,001	0,008	0,068	FALSE
0,009	0,308	0,000	0,011	0,011	FALSE
0,120	0,307	0,003	0,007	0,141	FALSE
-0,020	0,314	-0,001	0,012	0,034	FALSE
0,107	0,293	0,003	0,010	0,122	FALSE
-0,070	0,289	-0,004	0,012	0,128	FALSE
0,003	0,321	0,000	0,013	0,011	FALSE
-0,030	0,303	-0,001	0,011	0,047	FALSE
0,078	0,307	0,002	0,008	0,110	FALSE
0,098	0,311	0,003	0,008	0,159	FALSE
-0,105	0,299	-0,003	0,008	0,139	FALSE

-0,059	0,307	-0,001	0,008	0,064	FALSE
-0,065	0,306	-0,001	0,006	0,086	FALSE
0,178	0,303	0,004	0,007	0,268	FALSE
-0,090	0,297	-0,002	0,007	0,145	FALSE
-0,043	0,323	-0,001	0,009	0,023	FALSE
-0,030	0,299	-0,001	0,009	0,055	FALSE
0,078	0,302	0,004	0,011	0,136	FALSE
0,103	0,299	0,002	0,006	0,147	FALSE
-0,044	0,304	-0,002	0,010	0,086	FALSE
-0,013	0,318	-0,002	0,011	0,067	FALSE
-0,066	0,310	-0,002	0,009	0,090	FALSE
-0,006	0,323	0,000	0,011	0,013	FALSE
0,002	0,309	0,000	0,007	0,007	FALSE
0,029	0,322	0,001	0,008	0,037	FALSE
0,060	0,306	0,002	0,007	0,081	FALSE
0,032	0,294	0,001	0,008	0,032	FALSE
0,098	0,302	0,004	0,012	0,130	FALSE
0,015	0,309	0,001	0,013	0,017	FALSE
0,083	0,315	0,002	0,008	0,096	FALSE
0,027	0,303	0,001	0,009	0,034	FALSE
-0,009	0,321	0,000	0,010	0,003	FALSE
-0,070	0,295	-0,002	0,007	0,093	FALSE
0,135	0,298	0,006	0,011	0,229	FALSE
0,044	0,301	0,001	0,007	0,029	FALSE
0,062	0,306	0,001	0,007	0,063	FALSE
0,050	0,311	0,001	0,007	0,047	FALSE
0,133	0,297	0,005	0,013	0,158	FALSE
-0,013	0,309	-0,001	0,011	0,016	FALSE
-0,030	0,310	0,000	0,008	0,018	FALSE
-0,067	0,301	-0,003	0,013	0,107	FALSE
-0,072	0,295	-0,004	0,012	0,114	FALSE
-0,120	0,300	-0,003	0,008	0,178	FALSE
-0,032	0,318	-0,001	0,008	0,040	FALSE
0,011	0,293	0,000	0,012	0,002	FALSE
0,096	0,323	0,003	0,008	0,123	FALSE
-0,057	0,302	-0,002	0,011	0,079	FALSE
-0,082	0,298	-0,004	0,013	0,125	FALSE
-0,003	0,301	0,000	0,006	0,021	FALSE
-0,068	0,305	-0,002	0,009	0,065	FALSE
-0,014	0,311	0,000	0,008	0,005	FALSE
0,108	0,297	0,004	0,010	0,178	FALSE
-0,024	0,316	-0,001	0,009	0,034	FALSE
-0,064	0,310	-0,001	0,008	0,059	FALSE
0,017	0,314	0,001	0,007	0,035	FALSE
0,025	0,315	0,001	0,008	0,031	FALSE
0,157	0,301	0,006	0,013	0,211	FALSE
0,186	0,298	0,007	0,012	0,252	FALSE
0,087	0,317	0,004	0,013	0,116	FALSE
0,114	0,298	0,004	0,010	0,173	FALSE
0,131	0,319	0,006	0,013	0,170	FALSE
0,010	0,297	0,000	0,006	0,004	FALSE
0,092	0,299	0,003	0,010	0,110	FALSE
0,130	0,312	0,003	0,007	0,168	FALSE

-0,046	0,302	-0,002	0,011	0,069	FALSE
-0,093	0,296	-0,003	0,009	0,155	FALSE
-0,085	0,314	-0,003	0,008	0,137	FALSE
-0,046	0,306	-0,002	0,011	0,049	FALSE
-0,038	0,309	-0,001	0,007	0,034	FALSE
-0,071	0,292	-0,002	0,006	0,096	FALSE
0,065	0,309	0,001	0,007	0,051	FALSE
-0,058	0,288	-0,001	0,006	0,078	FALSE
-0,032	0,301	-0,001	0,006	0,057	FALSE
0,031	0,310	0,001	0,008	0,069	FALSE
-0,038	0,297	-0,001	0,006	0,038	FALSE
0,019	0,299	0,001	0,009	0,019	FALSE
0,041	0,310	0,001	0,008	0,023	FALSE
-0,022	0,313	-0,001	0,009	0,046	FALSE
-0,027	0,308	-0,001	0,009	0,056	FALSE
0,054	0,303	0,002	0,008	0,084	FALSE
0,053	0,315	0,002	0,011	0,069	FALSE
-0,127	0,312	-0,005	0,012	0,170	FALSE
-0,094	0,307	-0,004	0,013	0,115	FALSE
-0,059	0,309	-0,002	0,012	0,076	FALSE
0,150	0,293	0,005	0,012	0,173	FALSE
-0,149	0,316	-0,004	0,010	0,184	FALSE
0,101	0,294	0,003	0,010	0,125	FALSE
0,094	0,311	0,002	0,006	0,143	FALSE
-0,069	0,295	-0,002	0,010	0,090	FALSE
0,071	0,307	0,002	0,007	0,088	FALSE
0,002	0,318	0,000	0,011	0,008	FALSE
0,070	0,289	0,003	0,012	0,093	FALSE
0,010	0,297	0,001	0,013	0,014	FALSE
0,126	0,318	0,003	0,008	0,169	FALSE
-0,152	0,296	-0,005	0,011	0,183	FALSE
0,047	0,308	0,001	0,008	0,053	FALSE
0,053	0,309	0,002	0,008	0,082	FALSE
0,095	0,296	0,004	0,011	0,136	FALSE
0,110	0,317	0,003	0,007	0,169	FALSE
0,087	0,304	0,002	0,008	0,107	FALSE
0,113	0,303	0,002	0,007	0,129	FALSE
0,132	0,309	0,003	0,007	0,183	FALSE
0,035	0,328	0,002	0,013	0,061	FALSE
0,054	0,314	0,002	0,011	0,066	FALSE
0,070	0,319	0,003	0,011	0,094	FALSE
-0,108	0,311	-0,003	0,008	0,143	FALSE
-0,031	0,311	0,000	0,007	0,023	FALSE
0,034	0,321	0,001	0,007	0,029	FALSE
0,132	0,305	0,003	0,007	0,159	FALSE
0,065	0,297	0,002	0,007	0,120	FALSE
-0,040	0,316	-0,001	0,010	0,034	FALSE
0,046	0,307	0,001	0,009	0,020	FALSE
0,051	0,316	0,002	0,013	0,063	FALSE
-0,035	0,297	-0,002	0,011	0,050	FALSE
-0,092	0,329	-0,003	0,011	0,124	FALSE
-0,025	0,307	-0,001	0,009	0,052	FALSE
0,074	0,311	0,002	0,007	0,102	FALSE

0,031	0,305	0,000	0,007	0,001	FALSE
-0,073	0,304	-0,002	0,010	0,076	FALSE
-0,047	0,305	-0,001	0,009	0,046	FALSE
0,007	0,296	0,000	0,010	0,006	FALSE
0,016	0,315	0,001	0,009	0,045	FALSE
-0,033	0,309	-0,001	0,012	0,038	FALSE
0,080	0,310	0,002	0,011	0,073	FALSE
0,066	0,317	0,002	0,009	0,081	FALSE
0,056	0,306	0,002	0,010	0,091	FALSE
-0,078	0,291	-0,002	0,010	0,092	FALSE
-0,041	0,301	-0,002	0,011	0,062	FALSE
0,069	0,308	0,002	0,010	0,082	FALSE
-0,070	0,310	-0,003	0,013	0,100	FALSE
-0,082	0,295	-0,002	0,008	0,087	FALSE
0,123	0,302	0,003	0,007	0,175	FALSE
0,077	0,300	0,003	0,012	0,082	FALSE
-0,020	0,306	-0,001	0,007	0,028	FALSE
-0,092	0,293	-0,002	0,008	0,111	FALSE
0,054	0,299	0,002	0,012	0,057	FALSE
0,025	0,287	0,001	0,010	0,031	FALSE
0,039	0,313	0,001	0,007	0,030	FALSE
-0,087	0,291	-0,002	0,006	0,124	FALSE
-0,173	0,311	-0,004	0,008	0,226	FALSE
0,067	0,303	0,001	0,007	0,073	FALSE
0,156	0,298	0,006	0,011	0,209	FALSE
-0,174	0,302	-0,005	0,009	0,237	FALSE
0,067	0,314	0,002	0,007	0,088	FALSE
0,008	0,312	0,001	0,013	0,029	FALSE
0,084	0,313	0,001	0,007	0,066	FALSE
-0,111	0,307	-0,005	0,012	0,178	FALSE
0,034	0,322	0,001	0,011	0,038	FALSE
-0,149	0,292	-0,004	0,006	0,231	FALSE
-0,035	0,311	-0,001	0,006	0,050	FALSE
0,114	0,300	0,003	0,006	0,157	FALSE
0,072	0,300	0,003	0,011	0,123	FALSE
0,114	0,305	0,003	0,007	0,158	FALSE
-0,038	0,309	-0,001	0,007	0,040	FALSE
-0,003	0,315	0,000	0,007	0,011	FALSE
0,009	0,311	0,000	0,007	0,018	FALSE
-0,035	0,311	-0,001	0,010	0,051	FALSE
-0,038	0,313	-0,001	0,010	0,052	FALSE
-0,106	0,305	-0,005	0,012	0,151	FALSE
0,041	0,302	0,001	0,009	0,022	FALSE
0,076	0,305	0,003	0,009	0,125	FALSE
0,027	0,310	0,000	0,008	0,009	FALSE
-0,048	0,298	-0,001	0,008	0,064	FALSE
-0,087	0,297	-0,002	0,006	0,149	FALSE
0,049	0,314	0,001	0,011	0,040	FALSE
-0,007	0,296	0,000	0,009	0,014	FALSE
-0,039	0,297	-0,001	0,008	0,040	FALSE
-0,048	0,319	-0,001	0,007	0,069	FALSE
0,145	0,306	0,003	0,007	0,189	FALSE
0,054	0,327	0,001	0,009	0,034	FALSE

-0,077	0,312	-0,002	0,008	0,104	FALSE
0,022	0,310	0,001	0,010	0,026	FALSE
-0,082	0,305	-0,002	0,010	0,087	FALSE
-0,001	0,286	-0,001	0,006	0,035	FALSE
-0,086	0,294	-0,003	0,010	0,123	FALSE
0,050	0,319	0,002	0,010	0,070	FALSE
0,020	0,306	0,001	0,011	0,036	FALSE
0,009	0,313	0,001	0,010	0,020	FALSE
-0,051	0,317	-0,001	0,009	0,035	FALSE
-0,012	0,309	0,000	0,008	0,018	FALSE
-0,094	0,296	-0,002	0,006	0,117	FALSE
0,037	0,311	0,001	0,010	0,052	FALSE
0,207	0,292	0,007	0,010	0,316	FALSE
0,028	0,310	0,001	0,007	0,042	FALSE
0,054	0,297	0,002	0,009	0,066	FALSE
-0,243	0,295	-0,010	0,012	0,394	FALSE
-0,012	0,307	0,000	0,007	0,005	FALSE
0,161	0,294	0,005	0,010	0,227	FALSE
-0,063	0,304	-0,002	0,009	0,068	FALSE
0,077	0,312	0,002	0,007	0,115	FALSE
-0,053	0,316	-0,002	0,010	0,065	FALSE
-0,040	0,300	-0,001	0,008	0,034	FALSE
0,117	0,314	0,003	0,007	0,153	FALSE
-0,038	0,302	-0,001	0,010	0,020	FALSE
0,104	0,287	0,004	0,011	0,157	FALSE
-0,048	0,304	-0,002	0,008	0,070	FALSE
-0,045	0,302	-0,002	0,010	0,069	FALSE
-0,026	0,300	0,000	0,010	0,006	FALSE
0,142	0,303	0,005	0,012	0,175	FALSE
-0,067	0,301	-0,002	0,008	0,121	FALSE
0,055	0,315	0,001	0,007	0,074	FALSE
0,015	0,297	0,000	0,011	0,008	FALSE
-0,002	0,313	-0,001	0,013	0,022	FALSE
-0,019	0,294	0,000	0,007	0,011	FALSE
-0,024	0,313	0,000	0,009	0,017	FALSE
-0,016	0,318	0,000	0,012	0,008	FALSE
0,028	0,319	0,001	0,013	0,030	FALSE
-0,060	0,311	-0,002	0,011	0,072	FALSE
-0,111	0,310	-0,003	0,007	0,155	FALSE
-0,057	0,309	-0,001	0,007	0,040	FALSE
0,002	0,307	0,000	0,011	0,008	FALSE
0,040	0,306	0,001	0,013	0,022	FALSE
0,095	0,320	0,002	0,008	0,124	FALSE
0,205	0,294	0,008	0,012	0,306	FALSE
0,101	0,295	0,003	0,009	0,143	FALSE
0,038	0,301	0,001	0,007	0,067	FALSE
-0,011	0,306	0,000	0,013	0,005	FALSE
0,014	0,312	0,001	0,008	0,026	FALSE
0,100	0,314	0,004	0,012	0,133	FALSE
-0,023	0,319	0,000	0,008	0,008	FALSE
0,116	0,313	0,004	0,011	0,153	FALSE
0,014	0,297	0,001	0,008	0,031	FALSE
-0,007	0,294	-0,002	0,012	0,050	FALSE

-0,038	0,301	-0,001	0,009	0,051	FALSE
0,100	0,322	0,003	0,010	0,115	FALSE
-0,081	0,306	-0,003	0,012	0,098	FALSE
-0,120	0,302	-0,004	0,011	0,159	FALSE
-0,095	0,310	-0,003	0,009	0,118	FALSE
-0,045	0,314	-0,001	0,009	0,059	FALSE
-0,013	0,294	0,000	0,006	0,003	FALSE
0,001	0,322	0,000	0,007	0,019	FALSE
0,037	0,300	0,001	0,011	0,039	FALSE
0,005	0,307	0,000	0,012	0,005	FALSE
0,100	0,309	0,004	0,012	0,135	FALSE
-0,047	0,301	-0,001	0,007	0,067	FALSE
0,003	0,303	-0,001	0,011	0,020	FALSE
0,008	0,311	0,000	0,009	0,000	FALSE
0,043	0,310	0,002	0,013	0,056	FALSE
0,056	0,299	0,003	0,012	0,081	FALSE
-0,089	0,307	-0,002	0,007	0,121	FALSE
0,007	0,311	0,000	0,013	0,012	FALSE
0,011	0,307	0,001	0,010	0,022	FALSE
-0,025	0,304	-0,001	0,007	0,037	FALSE
-0,044	0,304	-0,001	0,008	0,053	FALSE
-0,097	0,307	-0,003	0,009	0,111	FALSE
-0,133	0,320	-0,005	0,013	0,166	FALSE
0,040	0,308	0,001	0,007	0,038	FALSE
-0,009	0,315	0,000	0,008	0,001	FALSE
0,043	0,300	0,001	0,007	0,045	FALSE
-0,049	0,305	-0,002	0,011	0,079	FALSE
0,205	0,307	0,005	0,007	0,326	FALSE
0,064	0,297	0,002	0,008	0,087	FALSE
0,125	0,299	0,005	0,012	0,185	FALSE
0,035	0,307	0,001	0,009	0,037	FALSE
-0,074	0,312	-0,002	0,008	0,102	FALSE
0,044	0,314	0,002	0,009	0,069	FALSE
0,013	0,311	0,000	0,009	0,004	FALSE
-0,073	0,319	-0,002	0,008	0,080	FALSE
0,102	0,320	0,003	0,008	0,146	FALSE
-0,015	0,311	-0,001	0,007	0,036	FALSE
-0,010	0,305	-0,001	0,011	0,029	FALSE
-0,026	0,289	-0,001	0,007	0,029	FALSE
0,067	0,309	0,001	0,009	0,062	FALSE
-0,007	0,303	-0,001	0,011	0,039	FALSE
0,042	0,329	0,001	0,009	0,040	FALSE
-0,034	0,311	-0,001	0,010	0,046	FALSE
0,077	0,315	0,002	0,008	0,076	FALSE
0,017	0,306	0,002	0,013	0,043	FALSE
-0,018	0,309	-0,001	0,010	0,035	FALSE
-0,028	0,314	-0,001	0,010	0,055	FALSE
-0,021	0,312	0,000	0,011	0,006	FALSE
-0,057	0,308	-0,002	0,012	0,075	FALSE
-0,116	0,297	-0,002	0,006	0,145	FALSE
-0,064	0,309	-0,001	0,007	0,066	FALSE
0,017	0,292	0,001	0,012	0,030	FALSE
-0,064	0,298	-0,001	0,006	0,085	FALSE

0,094	0,305	0,003	0,009	0,123	FALSE
-0,118	0,313	-0,004	0,009	0,175	FALSE
0,054	0,311	0,001	0,009	0,058	FALSE
0,047	0,310	0,002	0,007	0,088	FALSE
0,129	0,305	0,003	0,007	0,190	FALSE
-0,165	0,297	-0,006	0,012	0,219	FALSE
-0,021	0,306	0,000	0,010	0,015	FALSE
-0,082	0,307	-0,004	0,012	0,138	FALSE
0,021	0,317	0,000	0,007	0,022	FALSE
-0,147	0,286	-0,004	0,006	0,237	FALSE
-0,101	0,302	-0,003	0,008	0,139	FALSE
-0,162	0,277	-0,007	0,011	0,269	FALSE
-0,125	0,295	-0,004	0,010	0,184	FALSE
-0,104	0,306	-0,003	0,009	0,140	FALSE
0,081	0,301	0,002	0,007	0,099	FALSE
-0,073	0,308	-0,002	0,008	0,087	FALSE
0,037	0,300	0,002	0,012	0,051	FALSE
-0,036	0,308	-0,001	0,007	0,042	FALSE
0,012	0,314	0,000	0,007	0,019	FALSE
0,069	0,307	0,001	0,006	0,063	FALSE
0,133	0,293	0,006	0,010	0,232	FALSE
-0,115	0,306	-0,005	0,012	0,182	FALSE
0,013	0,301	0,000	0,007	0,010	FALSE
-0,091	0,306	-0,004	0,011	0,135	FALSE
-0,122	0,301	-0,005	0,011	0,181	FALSE
-0,044	0,306	-0,001	0,006	0,039	FALSE
0,051	0,325	0,001	0,010	0,046	FALSE
-0,059	0,311	-0,002	0,007	0,094	FALSE
0,006	0,307	0,000	0,006	0,010	FALSE
0,135	0,312	0,003	0,006	0,195	FALSE
0,005	0,302	0,001	0,011	0,017	FALSE
0,102	0,306	0,003	0,013	0,103	FALSE
0,009	0,307	0,001	0,011	0,019	FALSE
-0,014	0,302	0,000	0,007	0,025	FALSE
0,051	0,302	0,002	0,008	0,105	FALSE
-0,042	0,304	-0,001	0,007	0,034	FALSE
0,033	0,312	0,000	0,008	0,019	FALSE
-0,053	0,298	-0,001	0,006	0,064	FALSE
0,003	0,307	-0,001	0,011	0,024	FALSE
0,030	0,309	0,001	0,008	0,024	FALSE
0,078	0,302	0,003	0,009	0,127	FALSE
0,106	0,303	0,004	0,012	0,143	FALSE
0,013	0,301	0,000	0,008	0,000	FALSE
-0,016	0,323	0,000	0,007	0,021	FALSE
0,047	0,298	0,001	0,008	0,040	FALSE
-0,061	0,311	-0,001	0,006	0,060	FALSE
0,072	0,307	0,002	0,007	0,121	FALSE
0,086	0,298	0,002	0,013	0,068	FALSE
0,000	0,317	0,000	0,008	0,006	FALSE
0,030	0,304	0,000	0,009	0,007	FALSE
-0,098	0,296	-0,003	0,009	0,115	FALSE
0,060	0,297	0,003	0,013	0,085	FALSE
0,063	0,297	0,003	0,012	0,084	FALSE

0,019	0,293	0,001	0,013	0,036	FALSE
0,069	0,321	0,002	0,011	0,082	FALSE
0,070	0,314	0,002	0,010	0,088	FALSE
-0,067	0,290	-0,001	0,008	0,056	FALSE
-0,086	0,296	-0,002	0,009	0,106	FALSE
-0,004	0,322	0,000	0,007	0,015	FALSE
0,012	0,307	0,001	0,010	0,035	FALSE
-0,062	0,316	-0,001	0,008	0,066	FALSE
0,059	0,316	0,002	0,008	0,083	FALSE
0,080	0,299	0,003	0,008	0,142	FALSE
0,013	0,317	0,000	0,009	0,017	FALSE
-0,065	0,307	-0,002	0,007	0,084	FALSE
0,072	0,329	0,002	0,007	0,091	FALSE
-0,037	0,327	-0,001	0,009	0,058	FALSE
-0,008	0,308	0,000	0,007	0,007	FALSE
-0,158	0,299	-0,005	0,009	0,218	FALSE
-0,124	0,316	-0,004	0,010	0,153	FALSE
-0,117	0,317	-0,004	0,010	0,142	FALSE
-0,009	0,326	0,000	0,014	0,012	FALSE
-0,019	0,315	0,000	0,009	0,012	FALSE
-0,175	0,294	-0,004	0,007	0,243	FALSE
0,075	0,307	0,003	0,011	0,108	FALSE
-0,084	0,323	-0,002	0,008	0,109	FALSE
0,113	0,295	0,003	0,009	0,134	FALSE
0,126	0,299	0,004	0,008	0,193	FALSE
-0,225	0,286	-0,007	0,010	0,337	FALSE
-0,133	0,294	-0,003	0,007	0,220	FALSE
0,125	0,298	0,005	0,011	0,183	FALSE
-0,110	0,305	-0,004	0,012	0,142	FALSE
0,127	0,299	0,004	0,013	0,128	FALSE
0,145	0,296	0,004	0,010	0,184	FALSE
0,130	0,305	0,003	0,008	0,166	FALSE
-0,073	0,298	-0,003	0,010	0,134	FALSE
-0,036	0,316	-0,001	0,008	0,037	FALSE
-0,087	0,314	-0,003	0,010	0,128	FALSE
-0,025	0,304	-0,001	0,008	0,037	FALSE
-0,039	0,309	-0,001	0,006	0,045	FALSE
-0,016	0,306	0,000	0,013	0,013	FALSE
0,149	0,306	0,005	0,011	0,201	FALSE
-0,038	0,314	-0,001	0,013	0,043	FALSE
0,012	0,279	0,001	0,009	0,028	FALSE
0,124	0,308	0,004	0,008	0,200	FALSE
0,016	0,314	0,001	0,011	0,032	FALSE
0,016	0,309	0,001	0,007	0,029	FALSE
0,064	0,288	0,002	0,006	0,107	FALSE
0,070	0,294	0,002	0,011	0,085	FALSE
-0,056	0,302	-0,002	0,010	0,060	FALSE
0,094	0,305	0,002	0,007	0,113	FALSE
-0,093	0,283	-0,003	0,007	0,145	FALSE
-0,119	0,300	-0,003	0,009	0,155	FALSE
-0,080	0,319	-0,002	0,007	0,083	FALSE
-0,046	0,317	-0,002	0,010	0,062	FALSE
-0,025	0,308	-0,001	0,012	0,044	FALSE

-0,115	0,303	-0,004	0,010	0,141	FALSE
0,156	0,299	0,004	0,008	0,197	FALSE
-0,009	0,318	0,000	0,006	0,001	FALSE
-0,006	0,326	0,000	0,008	0,009	FALSE
-0,137	0,311	-0,004	0,009	0,201	FALSE
-0,045	0,304	-0,002	0,011	0,052	FALSE
0,058	0,296	0,001	0,007	0,060	FALSE
-0,091	0,293	-0,003	0,007	0,141	FALSE
0,114	0,302	0,004	0,009	0,166	FALSE
0,037	0,307	0,001	0,012	0,038	FALSE
-0,104	0,298	-0,003	0,008	0,143	FALSE
-0,020	0,300	-0,001	0,012	0,021	FALSE
0,004	0,306	0,000	0,010	0,016	FALSE
-0,114	0,290	-0,002	0,006	0,135	FALSE
0,047	0,312	0,001	0,012	0,036	FALSE
0,040	0,307	0,000	0,012	0,012	FALSE
0,014	0,311	0,000	0,010	0,006	FALSE
-0,018	0,300	-0,001	0,010	0,029	FALSE
0,043	0,308	0,001	0,011	0,027	FALSE
0,153	0,303	0,003	0,007	0,220	FALSE
-0,127	0,322	-0,003	0,008	0,171	FALSE
-0,024	0,293	-0,003	0,012	0,088	FALSE
0,045	0,331	0,002	0,013	0,051	FALSE
-0,123	0,307	-0,004	0,009	0,185	FALSE
0,126	0,323	0,006	0,014	0,179	FALSE
-0,117	0,309	-0,004	0,010	0,184	FALSE
-0,195	0,300	-0,005	0,007	0,263	FALSE
-0,081	0,301	-0,003	0,013	0,091	FALSE
-0,019	0,308	-0,001	0,010	0,019	FALSE
-0,187	0,289	-0,005	0,008	0,247	FALSE
-0,081	0,295	-0,002	0,010	0,075	FALSE
0,043	0,302	0,001	0,007	0,072	FALSE
-0,060	0,306	-0,003	0,012	0,085	FALSE
0,064	0,307	0,003	0,012	0,091	FALSE
-0,004	0,322	0,000	0,011	0,008	FALSE
-0,069	0,312	-0,001	0,007	0,071	FALSE
0,034	0,296	0,001	0,012	0,033	FALSE
0,035	0,313	0,001	0,012	0,029	FALSE
0,080	0,305	0,001	0,008	0,073	FALSE
0,020	0,309	0,001	0,007	0,039	FALSE
0,067	0,304	0,002	0,008	0,078	FALSE
-0,074	0,276	-0,001	0,007	0,069	FALSE
-0,022	0,323	-0,001	0,013	0,032	FALSE
0,098	0,306	0,004	0,010	0,147	FALSE
-0,025	0,309	-0,001	0,010	0,035	FALSE
-0,070	0,320	-0,002	0,009	0,081	FALSE
-0,096	0,301	-0,004	0,011	0,153	FALSE
0,048	0,320	0,001	0,008	0,051	FALSE
0,048	0,301	0,003	0,010	0,099	FALSE
-0,022	0,300	0,000	0,007	0,019	FALSE
-0,128	0,306	-0,004	0,010	0,188	FALSE
0,098	0,305	0,005	0,013	0,147	FALSE
-0,042	0,316	-0,001	0,007	0,045	FALSE

-0,040	0,309	0,000	0,008	0,016	FALSE
0,006	0,289	0,000	0,012	0,014	FALSE
-0,114	0,303	-0,004	0,010	0,159	FALSE
0,058	0,301	0,002	0,010	0,083	FALSE
0,024	0,310	0,000	0,009	0,016	FALSE
0,041	0,306	0,002	0,009	0,067	FALSE
0,027	0,273	0,001	0,009	0,049	FALSE
-0,054	0,294	-0,001	0,006	0,080	FALSE
0,034	0,312	0,002	0,009	0,067	FALSE
0,037	0,298	0,001	0,007	0,044	FALSE
0,113	0,305	0,005	0,012	0,147	FALSE
-0,085	0,304	-0,003	0,011	0,099	FALSE
-0,095	0,310	-0,003	0,011	0,118	FALSE
-0,077	0,309	-0,002	0,008	0,083	FALSE
-0,042	0,290	-0,002	0,008	0,076	FALSE
-0,149	0,294	-0,007	0,013	0,224	FALSE
0,021	0,299	0,000	0,008	0,022	FALSE
0,039	0,300	0,001	0,011	0,037	FALSE
-0,034	0,319	-0,001	0,007	0,033	FALSE
0,133	0,316	0,005	0,012	0,159	FALSE
0,021	0,298	0,000	0,009	0,011	FALSE
0,070	0,315	0,002	0,009	0,071	FALSE
0,015	0,311	0,000	0,012	0,006	FALSE
-0,055	0,309	-0,001	0,008	0,042	FALSE
-0,079	0,303	-0,003	0,011	0,094	FALSE
0,013	0,308	0,000	0,008	0,005	FALSE
-0,031	0,291	-0,002	0,011	0,057	FALSE
0,007	0,298	0,000	0,011	0,005	FALSE
0,092	0,319	0,003	0,010	0,125	FALSE
0,082	0,307	0,002	0,006	0,101	FALSE
0,177	0,300	0,007	0,011	0,261	FALSE
-0,060	0,318	-0,002	0,009	0,077	FALSE
-0,091	0,300	-0,002	0,008	0,109	FALSE
0,096	0,294	0,004	0,013	0,104	FALSE
-0,009	0,305	0,000	0,007	0,009	FALSE
0,016	0,309	0,001	0,012	0,040	FALSE
-0,002	0,303	-0,001	0,011	0,036	FALSE
0,002	0,297	0,001	0,006	0,033	FALSE
0,090	0,320	0,002	0,007	0,115	FALSE
0,015	0,312	0,000	0,010	0,008	FALSE
0,023	0,315	0,001	0,010	0,023	FALSE
0,057	0,310	0,001	0,009	0,044	FALSE
0,016	0,300	0,002	0,012	0,047	FALSE
-0,080	0,317	-0,002	0,007	0,128	FALSE
-0,140	0,312	-0,004	0,008	0,199	FALSE
0,130	0,312	0,005	0,011	0,175	FALSE
0,086	0,291	0,003	0,010	0,103	FALSE
0,000	0,292	-0,001	0,007	0,024	FALSE
0,085	0,317	0,003	0,011	0,120	FALSE
0,003	0,305	0,000	0,008	0,013	FALSE
-0,112	0,300	-0,005	0,011	0,172	FALSE
0,095	0,307	0,002	0,008	0,105	FALSE
-0,010	0,309	0,001	0,012	0,016	FALSE

0,113	0,290	0,002	0,006	0,160	FALSE
0,025	0,302	0,001	0,011	0,016	FALSE
-0,167	0,307	-0,004	0,009	0,203	FALSE
-0,027	0,297	-0,001	0,009	0,040	FALSE
-0,020	0,302	-0,001	0,007	0,047	FALSE
-0,021	0,310	-0,001	0,010	0,040	FALSE
0,045	0,294	0,001	0,007	0,064	FALSE
0,015	0,312	0,001	0,009	0,052	FALSE
0,027	0,310	0,001	0,008	0,031	FALSE
0,067	0,314	0,002	0,009	0,091	FALSE
-0,028	0,313	-0,001	0,009	0,021	FALSE
0,060	0,303	0,003	0,012	0,101	FALSE
-0,069	0,300	-0,003	0,011	0,103	FALSE
0,014	0,291	0,001	0,008	0,044	FALSE
0,050	0,311	0,002	0,008	0,074	FALSE
0,065	0,321	0,002	0,008	0,091	FALSE
-0,056	0,305	-0,002	0,012	0,060	FALSE
0,026	0,319	0,000	0,009	0,010	FALSE
-0,101	0,303	-0,004	0,011	0,166	FALSE
0,159	0,300	0,007	0,013	0,239	FALSE
0,021	0,305	0,001	0,009	0,023	FALSE
0,066	0,301	0,002	0,008	0,076	FALSE
0,058	0,312	0,001	0,008	0,069	FALSE
-0,025	0,305	-0,001	0,010	0,045	FALSE
0,086	0,308	0,003	0,011	0,089	FALSE
0,092	0,308	0,005	0,012	0,151	FALSE
0,013	0,306	0,000	0,011	0,005	FALSE
0,069	0,316	0,002	0,007	0,097	FALSE
0,019	0,312	0,001	0,010	0,024	FALSE
-0,052	0,318	-0,001	0,009	0,054	FALSE
-0,052	0,313	-0,001	0,007	0,054	FALSE
0,014	0,301	0,000	0,013	0,005	FALSE
0,060	0,304	0,002	0,010	0,078	FALSE
0,056	0,310	0,002	0,010	0,073	FALSE
-0,001	0,315	0,000	0,012	0,003	FALSE
-0,100	0,303	-0,004	0,012	0,134	FALSE
0,040	0,310	0,001	0,011	0,043	FALSE
-0,028	0,294	-0,001	0,007	0,038	FALSE
-0,017	0,304	-0,002	0,013	0,048	FALSE
-0,082	0,302	-0,004	0,013	0,113	FALSE
0,071	0,306	0,002	0,009	0,103	FALSE
0,055	0,320	0,003	0,013	0,082	FALSE
0,097	0,310	0,004	0,012	0,133	FALSE
0,006	0,310	0,000	0,008	0,008	FALSE
-0,080	0,295	-0,002	0,009	0,093	FALSE
-0,044	0,314	-0,001	0,008	0,031	FALSE
0,063	0,312	0,001	0,007	0,068	FALSE
0,012	0,307	0,000	0,006	0,005	FALSE
-0,027	0,308	0,000	0,009	0,018	FALSE
-0,144	0,291	-0,005	0,011	0,201	FALSE
-0,057	0,310	-0,002	0,012	0,079	FALSE
-0,017	0,296	0,000	0,008	0,014	FALSE
0,010	0,302	0,001	0,008	0,032	FALSE

0,046	0,296	0,001	0,006	0,073	FALSE
0,087	0,302	0,002	0,007	0,097	FALSE
-0,061	0,311	-0,001	0,007	0,072	FALSE
0,030	0,317	0,001	0,007	0,031	FALSE
0,045	0,324	0,001	0,007	0,047	FALSE
0,198	0,296	0,007	0,010	0,306	FALSE
0,010	0,310	0,000	0,012	0,011	FALSE
0,025	0,310	0,001	0,006	0,031	FALSE
0,150	0,310	0,007	0,012	0,222	FALSE
-0,143	0,313	-0,004	0,009	0,198	FALSE
-0,036	0,304	-0,001	0,012	0,043	FALSE
0,101	0,311	0,003	0,011	0,104	FALSE
-0,042	0,309	-0,001	0,008	0,056	FALSE
0,149	0,300	0,003	0,007	0,190	FALSE
0,127	0,300	0,003	0,007	0,146	FALSE
-0,012	0,318	0,000	0,013	0,011	FALSE
-0,033	0,318	-0,001	0,013	0,032	FALSE
-0,008	0,309	0,000	0,013	0,010	FALSE
-0,009	0,316	0,000	0,013	0,013	FALSE
-0,029	0,303	-0,001	0,013	0,040	FALSE
0,044	0,309	0,001	0,012	0,015	FALSE
0,077	0,321	0,003	0,013	0,085	FALSE
-0,018	0,314	0,000	0,007	0,022	FALSE
0,039	0,313	0,001	0,007	0,044	FALSE
0,170	0,288	0,006	0,011	0,240	FALSE
0,005	0,306	0,001	0,007	0,030	FALSE
-0,092	0,304	-0,003	0,009	0,123	FALSE
0,032	0,295	0,001	0,013	0,038	FALSE
0,102	0,306	0,003	0,008	0,152	FALSE
-0,022	0,310	-0,001	0,009	0,026	FALSE
-0,011	0,291	0,000	0,008	0,014	FALSE
-0,062	0,309	-0,002	0,008	0,100	FALSE
0,095	0,322	0,002	0,008	0,109	FALSE
-0,037	0,300	-0,001	0,010	0,030	FALSE
-0,052	0,315	-0,001	0,009	0,051	FALSE
0,058	0,302	0,002	0,011	0,062	FALSE
-0,128	0,297	-0,003	0,008	0,160	FALSE
0,014	0,315	0,000	0,008	0,001	FALSE
-0,048	0,301	-0,001	0,008	0,055	FALSE
0,006	0,301	0,000	0,012	0,012	FALSE
0,021	0,317	0,000	0,013	0,003	FALSE
-0,004	0,303	0,000	0,008	0,009	FALSE
0,015	0,303	0,001	0,012	0,026	FALSE
-0,087	0,302	-0,002	0,007	0,087	FALSE
0,019	0,296	0,001	0,012	0,040	FALSE
-0,115	0,291	-0,005	0,009	0,200	FALSE
0,038	0,296	0,001	0,008	0,068	FALSE
-0,028	0,295	0,000	0,008	0,007	FALSE
0,048	0,312	0,001	0,006	0,060	FALSE
-0,042	0,296	-0,001	0,008	0,042	FALSE
0,032	0,303	0,001	0,013	0,034	FALSE
-0,081	0,295	-0,002	0,011	0,073	FALSE
0,027	0,298	0,001	0,009	0,040	FALSE

0,001	0,294	0,000	0,008	0,008	FALSE
0,028	0,297	0,001	0,006	0,063	FALSE
0,072	0,304	0,001	0,006	0,059	FALSE
0,079	0,311	0,002	0,011	0,060	FALSE
0,045	0,302	0,001	0,011	0,027	FALSE
-0,093	0,316	-0,002	0,007	0,093	FALSE
-0,001	0,295	0,000	0,011	0,008	FALSE
-0,017	0,312	-0,001	0,007	0,048	FALSE
0,082	0,316	0,003	0,010	0,117	FALSE
-0,017	0,314	-0,001	0,010	0,034	FALSE
0,074	0,294	0,002	0,010	0,088	FALSE
-0,012	0,304	0,000	0,007	0,009	FALSE
-0,055	0,314	-0,001	0,007	0,072	FALSE
0,128	0,312	0,003	0,007	0,147	FALSE
-0,029	0,316	-0,001	0,012	0,034	FALSE
0,092	0,315	0,003	0,010	0,120	FALSE
-0,008	0,323	0,000	0,009	0,017	FALSE
0,110	0,310	0,003	0,009	0,136	FALSE
0,012	0,315	0,001	0,011	0,032	FALSE
-0,033	0,321	-0,001	0,011	0,023	FALSE
0,096	0,302	0,004	0,010	0,148	FALSE
-0,140	0,293	-0,003	0,007	0,186	FALSE
0,097	0,308	0,004	0,011	0,135	FALSE
0,141	0,306	0,004	0,011	0,167	FALSE
0,001	0,314	0,000	0,009	0,007	FALSE
-0,177	0,288	-0,004	0,006	0,288	FALSE
-0,069	0,308	-0,003	0,012	0,109	FALSE
-0,020	0,313	-0,002	0,012	0,045	FALSE
0,038	0,292	0,001	0,008	0,052	FALSE
0,136	0,307	0,005	0,012	0,172	FALSE
0,138	0,307	0,006	0,013	0,186	FALSE
0,116	0,307	0,003	0,007	0,154	FALSE
-0,075	0,308	-0,002	0,008	0,078	FALSE
-0,071	0,306	-0,002	0,007	0,087	FALSE
-0,101	0,305	-0,004	0,011	0,137	FALSE
0,003	0,321	0,000	0,008	0,009	FALSE
-0,075	0,319	-0,002	0,007	0,090	FALSE
-0,116	0,311	-0,003	0,007	0,152	FALSE
-0,015	0,314	-0,001	0,012	0,016	FALSE
0,021	0,294	0,000	0,008	0,009	FALSE
-0,087	0,306	-0,001	0,009	0,060	FALSE
-0,090	0,305	-0,001	0,007	0,077	FALSE
-0,018	0,303	0,000	0,007	0,010	FALSE
0,020	0,295	0,001	0,007	0,027	FALSE
-0,087	0,297	-0,003	0,012	0,110	FALSE
0,032	0,313	0,001	0,008	0,029	FALSE
0,048	0,305	0,001	0,009	0,058	FALSE
0,038	0,304	0,001	0,012	0,041	FALSE
-0,030	0,314	-0,001	0,010	0,045	FALSE
-0,081	0,295	-0,002	0,006	0,117	FALSE
-0,062	0,309	-0,002	0,011	0,066	FALSE
0,016	0,313	0,000	0,007	0,007	FALSE
-0,088	0,312	-0,002	0,009	0,102	FALSE

0,001	0,311	0,000	0,009	0,014	FALSE
-0,086	0,311	-0,002	0,006	0,099	FALSE
-0,078	0,298	-0,002	0,006	0,110	FALSE
-0,099	0,313	-0,004	0,012	0,124	FALSE
-0,006	0,302	0,000	0,008	0,019	FALSE
-0,037	0,314	-0,001	0,007	0,033	FALSE
-0,025	0,323	0,000	0,008	0,020	FALSE
0,081	0,325	0,002	0,007	0,131	TRUE
0,030	0,314	0,001	0,012	0,035	FALSE
0,171	0,315	0,004	0,007	0,219	FALSE
-0,010	0,308	0,000	0,009	0,007	FALSE
-0,037	0,290	-0,001	0,008	0,036	FALSE
-0,057	0,304	-0,001	0,008	0,066	FALSE
0,099	0,305	0,003	0,008	0,150	FALSE
0,030	0,291	0,001	0,007	0,057	FALSE
-0,007	0,316	0,000	0,009	0,008	FALSE
0,098	0,298	0,004	0,013	0,130	FALSE
-0,110	0,287	-0,004	0,009	0,187	FALSE
0,065	0,312	0,001	0,007	0,051	FALSE
-0,009	0,309	0,000	0,009	0,019	FALSE
-0,150	0,299	-0,005	0,010	0,229	FALSE
0,093	0,298	0,002	0,007	0,116	FALSE
0,016	0,300	0,001	0,009	0,020	FALSE
-0,006	0,315	0,000	0,011	0,007	FALSE
0,073	0,312	0,002	0,007	0,095	FALSE
-0,089	0,311	-0,004	0,012	0,125	FALSE
-0,069	0,311	-0,003	0,012	0,103	FALSE
-0,148	0,306	-0,006	0,011	0,232	FALSE
-0,161	0,308	-0,005	0,009	0,236	FALSE
0,039	0,314	0,001	0,012	0,025	FALSE
0,057	0,294	0,001	0,008	0,057	FALSE
0,042	0,316	0,001	0,009	0,044	FALSE
0,045	0,301	0,001	0,008	0,033	FALSE
0,093	0,308	0,002	0,008	0,121	FALSE
0,041	0,304	0,001	0,008	0,041	FALSE
0,008	0,305	0,000	0,011	0,001	FALSE
0,012	0,313	0,000	0,011	0,002	FALSE
0,058	0,322	0,002	0,013	0,046	FALSE
0,092	0,306	0,002	0,007	0,121	FALSE
0,062	0,318	0,002	0,008	0,085	FALSE
0,063	0,303	0,002	0,010	0,082	FALSE
0,009	0,304	0,000	0,007	0,018	FALSE
-0,045	0,323	-0,001	0,007	0,031	FALSE
-0,054	0,304	-0,001	0,008	0,048	FALSE
-0,008	0,316	0,000	0,012	0,004	FALSE
0,067	0,310	0,002	0,008	0,074	FALSE
0,022	0,309	0,001	0,007	0,046	FALSE
-0,059	0,316	-0,002	0,010	0,061	FALSE
0,190	0,299	0,005	0,008	0,275	FALSE
-0,068	0,295	-0,002	0,007	0,092	FALSE
-0,129	0,296	-0,005	0,011	0,203	FALSE
-0,098	0,299	-0,004	0,010	0,169	FALSE
0,017	0,298	0,000	0,008	0,016	FALSE

-0,025	0,303	0,000	0,011	0,006	FALSE
-0,084	0,308	-0,005	0,014	0,144	FALSE
-0,015	0,304	-0,001	0,010	0,046	FALSE
-0,054	0,299	-0,002	0,011	0,084	FALSE
0,005	0,316	0,000	0,013	0,010	FALSE
-0,062	0,298	-0,001	0,009	0,046	FALSE
-0,094	0,301	-0,003	0,013	0,097	FALSE
0,051	0,316	0,002	0,007	0,097	FALSE
0,088	0,316	0,002	0,008	0,106	FALSE
0,092	0,312	0,003	0,009	0,107	FALSE
-0,085	0,287	-0,003	0,009	0,120	FALSE
0,096	0,296	0,003	0,010	0,123	FALSE
0,007	0,321	0,000	0,014	0,010	FALSE
-0,043	0,289	-0,002	0,009	0,087	FALSE
0,111	0,307	0,003	0,009	0,142	FALSE
0,031	0,310	0,000	0,008	0,015	FALSE
-0,009	0,297	0,000	0,010	0,001	FALSE
0,013	0,325	0,000	0,007	0,008	FALSE
-0,048	0,302	-0,002	0,011	0,051	FALSE
-0,027	0,301	-0,001	0,011	0,034	FALSE
0,165	0,290	0,006	0,010	0,290	FALSE
-0,104	0,305	-0,003	0,011	0,128	FALSE
-0,013	0,320	0,000	0,007	0,016	FALSE
0,045	0,304	0,002	0,012	0,069	FALSE
-0,071	0,316	-0,003	0,013	0,094	FALSE
-0,030	0,305	-0,002	0,012	0,059	FALSE
-0,119	0,304	-0,005	0,012	0,168	FALSE
0,078	0,310	0,004	0,013	0,110	FALSE
-0,018	0,296	0,000	0,009	0,005	FALSE
0,007	0,305	0,000	0,008	0,007	FALSE
0,055	0,315	0,001	0,007	0,067	FALSE
0,039	0,297	0,000	0,006	0,025	FALSE
-0,165	0,288	-0,004	0,007	0,231	FALSE
0,002	0,318	0,000	0,007	0,022	FALSE
0,013	0,304	0,000	0,007	0,004	FALSE
0,007	0,305	0,001	0,011	0,029	FALSE
-0,074	0,295	-0,002	0,009	0,083	FALSE
0,029	0,309	0,001	0,013	0,018	FALSE
0,002	0,307	-0,001	0,012	0,024	FALSE
-0,070	0,301	-0,003	0,010	0,131	FALSE
0,001	0,314	-0,001	0,012	0,025	FALSE
0,019	0,303	0,002	0,012	0,068	FALSE
0,003	0,302	0,000	0,007	0,017	FALSE
0,108	0,309	0,003	0,008	0,134	FALSE
0,091	0,302	0,003	0,009	0,128	FALSE
-0,080	0,290	-0,004	0,011	0,130	FALSE
-0,034	0,309	-0,001	0,007	0,026	FALSE
-0,064	0,312	-0,001	0,008	0,066	FALSE
-0,120	0,304	-0,003	0,008	0,160	FALSE
-0,001	0,314	0,000	0,013	0,005	FALSE
-0,172	0,306	-0,005	0,009	0,220	FALSE
0,070	0,306	0,002	0,009	0,099	FALSE
-0,003	0,313	0,000	0,011	0,005	FALSE

-0,069	0,300	-0,002	0,011	0,065	FALSE
-0,033	0,319	-0,001	0,011	0,041	FALSE
-0,015	0,311	0,000	0,007	0,010	FALSE
0,012	0,302	0,000	0,008	0,001	FALSE
0,036	0,307	0,002	0,007	0,082	FALSE
0,087	0,296	0,002	0,010	0,090	FALSE
0,068	0,301	0,002	0,010	0,090	FALSE
-0,021	0,310	-0,001	0,011	0,032	FALSE
-0,017	0,304	0,000	0,007	0,011	FALSE
0,093	0,310	0,002	0,007	0,118	FALSE
0,050	0,303	0,001	0,007	0,051	FALSE
-0,131	0,295	-0,003	0,008	0,184	FALSE
-0,035	0,301	-0,001	0,011	0,046	FALSE
-0,080	0,308	-0,002	0,009	0,100	FALSE
-0,103	0,313	-0,004	0,013	0,102	FALSE
-0,081	0,315	-0,002	0,007	0,102	FALSE
-0,132	0,295	-0,004	0,009	0,202	FALSE
0,108	0,300	0,002	0,007	0,132	FALSE
-0,075	0,314	-0,002	0,011	0,070	FALSE
-0,017	0,320	0,000	0,011	0,009	FALSE
-0,054	0,284	-0,001	0,007	0,046	FALSE
0,160	0,305	0,005	0,010	0,214	FALSE
0,000	0,293	0,000	0,007	0,010	FALSE
0,088	0,303	0,002	0,007	0,089	FALSE
-0,016	0,311	-0,001	0,010	0,022	FALSE
0,040	0,303	0,001	0,009	0,054	FALSE
0,045	0,309	0,002	0,013	0,060	FALSE
0,059	0,313	0,002	0,006	0,098	FALSE
-0,016	0,316	0,000	0,007	0,015	FALSE
-0,126	0,292	-0,005	0,012	0,174	FALSE
0,106	0,298	0,002	0,007	0,134	FALSE
0,033	0,305	0,001	0,008	0,045	FALSE
0,071	0,318	0,002	0,007	0,107	FALSE
0,246	0,296	0,007	0,009	0,389	FALSE
0,104	0,302	0,003	0,010	0,133	FALSE
-0,006	0,317	0,000	0,012	0,008	FALSE
-0,021	0,312	-0,001	0,008	0,034	FALSE
-0,079	0,288	-0,004	0,011	0,146	FALSE
0,108	0,295	0,005	0,012	0,172	FALSE
-0,097	0,294	-0,004	0,013	0,112	FALSE
-0,044	0,316	-0,002	0,010	0,057	FALSE
-0,020	0,309	-0,001	0,013	0,021	FALSE
-0,061	0,298	-0,002	0,009	0,077	FALSE
0,078	0,315	0,003	0,011	0,097	FALSE
0,009	0,320	0,000	0,009	0,007	FALSE
0,121	0,296	0,003	0,007	0,157	FALSE
0,149	0,295	0,007	0,012	0,240	FALSE
0,094	0,312	0,002	0,007	0,099	FALSE
-0,008	0,304	0,000	0,012	0,014	FALSE
0,022	0,302	0,001	0,009	0,036	FALSE
0,039	0,307	0,001	0,009	0,046	FALSE
-0,025	0,299	-0,001	0,010	0,024	FALSE
-0,007	0,312	0,000	0,008	0,005	FALSE

0,064	0,313	0,003	0,013	0,080	FALSE
-0,078	0,300	-0,003	0,011	0,107	FALSE
-0,080	0,318	-0,004	0,012	0,117	FALSE
0,029	0,311	0,000	0,007	0,005	FALSE
0,026	0,308	0,001	0,006	0,031	FALSE
0,048	0,316	0,001	0,012	0,033	FALSE
0,002	0,318	-0,001	0,013	0,015	FALSE
0,069	0,320	0,003	0,013	0,097	FALSE
-0,015	0,293	-0,001	0,007	0,040	FALSE
0,060	0,316	0,002	0,012	0,063	FALSE
-0,148	0,300	-0,004	0,009	0,204	FALSE
0,171	0,295	0,005	0,009	0,230	FALSE
0,011	0,308	0,001	0,012	0,024	FALSE
0,013	0,306	0,000	0,009	0,019	FALSE
-0,178	0,311	-0,006	0,010	0,249	FALSE
-0,107	0,300	-0,002	0,007	0,142	FALSE
0,116	0,308	0,002	0,006	0,127	FALSE
-0,023	0,318	0,000	0,006	0,004	FALSE
0,098	0,321	0,003	0,011	0,115	FALSE
0,149	0,313	0,003	0,008	0,175	FALSE
0,000	0,307	0,000	0,009	0,010	FALSE
0,015	0,322	0,001	0,007	0,027	FALSE
-0,025	0,295	0,000	0,011	0,010	FALSE
0,114	0,302	0,005	0,011	0,193	FALSE
-0,170	0,298	-0,005	0,009	0,243	FALSE
0,054	0,315	0,002	0,012	0,053	FALSE
-0,117	0,317	-0,003	0,008	0,141	FALSE
0,038	0,310	0,002	0,011	0,055	FALSE
-0,195	0,304	-0,005	0,007	0,281	FALSE
-0,076	0,314	-0,002	0,008	0,111	FALSE
-0,136	0,309	-0,003	0,006	0,204	FALSE
-0,002	0,310	0,000	0,008	0,000	FALSE
-0,143	0,308	-0,004	0,008	0,213	FALSE
0,083	0,305	0,003	0,012	0,089	FALSE
-0,034	0,310	-0,001	0,010	0,024	FALSE
0,025	0,307	0,000	0,012	0,005	FALSE
0,040	0,312	0,001	0,009	0,038	FALSE
0,085	0,308	0,002	0,007	0,114	FALSE
0,020	0,291	0,000	0,008	0,013	FALSE
0,099	0,306	0,003	0,009	0,133	FALSE
0,074	0,309	0,003	0,008	0,126	FALSE
-0,220	0,302	-0,005	0,007	0,335	FALSE
0,011	0,307	0,000	0,007	0,002	FALSE
-0,094	0,299	-0,002	0,006	0,122	FALSE
-0,085	0,296	-0,002	0,006	0,111	FALSE
-0,010	0,298	0,000	0,010	0,015	FALSE
0,015	0,302	0,000	0,006	0,016	FALSE
-0,044	0,302	-0,003	0,011	0,099	FALSE
0,064	0,315	0,002	0,010	0,080	FALSE
0,021	0,308	0,001	0,013	0,033	FALSE
-0,098	0,315	-0,003	0,008	0,130	FALSE
0,029	0,306	0,001	0,011	0,020	FALSE
-0,001	0,320	0,000	0,008	0,001	FALSE

-0,097	0,307	-0,003	0,008	0,142	FALSE
-0,001	0,306	0,000	0,007	0,007	FALSE
0,038	0,323	0,001	0,007	0,066	FALSE
-0,054	0,305	-0,001	0,011	0,049	FALSE
-0,027	0,312	-0,001	0,010	0,042	FALSE
0,013	0,285	0,001	0,012	0,030	FALSE
0,032	0,315	0,001	0,013	0,025	FALSE
0,018	0,301	0,001	0,009	0,023	FALSE
0,052	0,297	0,001	0,010	0,049	FALSE
0,025	0,311	0,001	0,008	0,053	FALSE
-0,019	0,300	-0,001	0,012	0,037	FALSE
0,034	0,317	0,001	0,013	0,041	FALSE
-0,070	0,297	-0,002	0,008	0,076	FALSE
-0,007	0,305	0,000	0,007	0,024	FALSE
0,014	0,309	0,001	0,012	0,040	FALSE
-0,040	0,309	-0,001	0,008	0,045	FALSE
-0,137	0,301	-0,003	0,007	0,183	FALSE
0,099	0,304	0,002	0,007	0,118	FALSE
0,100	0,314	0,003	0,012	0,109	FALSE
-0,047	0,301	-0,001	0,013	0,039	FALSE
0,047	0,313	0,002	0,009	0,073	FALSE
0,022	0,321	0,001	0,010	0,024	FALSE
0,160	0,305	0,006	0,011	0,221	FALSE
-0,030	0,302	-0,001	0,007	0,040	FALSE
0,148	0,309	0,005	0,012	0,166	FALSE
0,060	0,312	0,002	0,010	0,067	FALSE
0,114	0,308	0,005	0,011	0,183	FALSE
-0,057	0,313	-0,002	0,007	0,100	FALSE
-0,005	0,297	-0,001	0,012	0,030	FALSE
0,050	0,305	0,001	0,008	0,034	FALSE
-0,003	0,312	0,001	0,011	0,018	FALSE
-0,108	0,300	-0,004	0,009	0,180	FALSE
-0,017	0,304	-0,001	0,012	0,022	FALSE
-0,027	0,294	-0,001	0,008	0,028	FALSE
-0,107	0,304	-0,003	0,011	0,107	FALSE
-0,087	0,317	-0,002	0,008	0,109	FALSE
0,090	0,311	0,003	0,011	0,111	FALSE
0,154	0,297	0,004	0,008	0,210	FALSE
0,148	0,296	0,003	0,007	0,191	FALSE
-0,025	0,305	-0,001	0,012	0,017	FALSE
-0,025	0,316	-0,001	0,008	0,030	FALSE
0,108	0,313	0,004	0,013	0,113	FALSE
0,064	0,296	0,002	0,007	0,107	FALSE
-0,086	0,292	-0,004	0,009	0,159	FALSE
-0,053	0,308	-0,001	0,007	0,053	FALSE
-0,006	0,320	0,000	0,007	0,011	FALSE
-0,137	0,311	-0,005	0,011	0,196	FALSE
-0,111	0,302	-0,004	0,009	0,169	FALSE
-0,106	0,304	-0,003	0,013	0,103	FALSE
0,052	0,301	0,002	0,011	0,059	FALSE
0,057	0,317	0,002	0,012	0,047	FALSE
0,011	0,308	0,000	0,009	0,014	FALSE
0,026	0,298	0,001	0,008	0,038	FALSE

0,035	0,311	0,001	0,006	0,052	FALSE
-0,043	0,313	-0,002	0,010	0,060	FALSE
-0,042	0,314	-0,002	0,010	0,062	FALSE
0,041	0,308	0,002	0,012	0,072	FALSE
-0,036	0,309	-0,001	0,008	0,058	FALSE
0,030	0,310	0,001	0,010	0,030	FALSE
-0,088	0,299	-0,003	0,009	0,141	FALSE
0,077	0,310	0,003	0,013	0,093	FALSE
0,071	0,320	0,002	0,009	0,073	FALSE
0,089	0,306	0,002	0,008	0,121	FALSE
-0,011	0,305	0,000	0,008	0,014	FALSE
0,006	0,304	0,000	0,007	0,017	FALSE
-0,075	0,308	-0,002	0,007	0,105	FALSE
-0,208	0,290	-0,005	0,007	0,331	FALSE
0,011	0,300	0,001	0,012	0,035	FALSE
0,024	0,311	0,002	0,013	0,050	FALSE
0,160	0,307	0,007	0,012	0,220	FALSE
-0,028	0,304	0,000	0,008	0,015	FALSE
-0,012	0,295	-0,001	0,011	0,028	FALSE
-0,007	0,321	0,000	0,012	0,008	FALSE
-0,125	0,309	-0,004	0,010	0,160	FALSE
0,045	0,300	0,001	0,007	0,054	FALSE
-0,034	0,307	-0,001	0,012	0,031	FALSE
0,017	0,311	0,000	0,010	0,011	FALSE
-0,115	0,311	-0,002	0,006	0,106	FALSE
-0,004	0,302	0,000	0,007	0,006	FALSE
-0,062	0,314	-0,003	0,013	0,076	FALSE
0,063	0,303	0,002	0,006	0,100	FALSE
-0,017	0,295	-0,001	0,009	0,037	FALSE
0,045	0,312	0,001	0,009	0,045	FALSE
0,048	0,317	0,001	0,009	0,044	FALSE
-0,114	0,306	-0,002	0,006	0,127	FALSE
-0,044	0,302	-0,001	0,009	0,051	FALSE
-0,055	0,313	-0,001	0,007	0,066	FALSE
0,103	0,300	0,003	0,009	0,146	FALSE
0,105	0,308	0,004	0,010	0,137	FALSE
-0,099	0,298	-0,004	0,011	0,150	FALSE
0,035	0,305	0,001	0,008	0,023	FALSE
0,065	0,306	0,002	0,012	0,073	FALSE
-0,026	0,312	-0,001	0,010	0,019	FALSE
-0,085	0,310	-0,002	0,007	0,109	FALSE
-0,063	0,296	-0,003	0,011	0,090	FALSE
-0,032	0,324	-0,001	0,011	0,034	FALSE
-0,055	0,315	-0,002	0,008	0,068	FALSE
-0,035	0,318	-0,001	0,008	0,053	FALSE
0,115	0,300	0,005	0,011	0,193	FALSE
0,005	0,308	0,000	0,012	0,014	FALSE
-0,041	0,295	-0,001	0,007	0,043	FALSE
-0,099	0,294	-0,002	0,007	0,124	FALSE
-0,105	0,304	-0,002	0,007	0,121	FALSE
-0,121	0,306	-0,003	0,008	0,147	FALSE
0,108	0,299	0,002	0,007	0,123	FALSE
-0,001	0,307	0,000	0,006	0,011	FALSE

-0,022	0,308	-0,001	0,010	0,041	FALSE
-0,118	0,315	-0,003	0,007	0,142	FALSE
0,048	0,314	0,001	0,009	0,055	FALSE
-0,003	0,310	0,000	0,009	0,010	FALSE
0,104	0,309	0,002	0,008	0,128	FALSE
0,000	0,299	0,000	0,007	0,016	FALSE
-0,066	0,298	-0,001	0,007	0,076	FALSE
0,003	0,313	0,000	0,012	0,003	FALSE
-0,018	0,310	0,000	0,011	0,014	FALSE
0,001	0,325	0,001	0,013	0,014	FALSE
0,161	0,295	0,008	0,013	0,261	FALSE
0,002	0,309	0,000	0,012	0,010	FALSE
-0,063	0,318	-0,002	0,008	0,076	FALSE
0,008	0,316	0,000	0,009	0,006	FALSE
0,015	0,324	0,000	0,008	0,001	FALSE
0,065	0,307	0,002	0,008	0,089	FALSE
0,140	0,306	0,004	0,009	0,205	FALSE
0,069	0,301	0,003	0,010	0,110	FALSE
-0,079	0,299	-0,005	0,013	0,154	FALSE
-0,021	0,312	-0,001	0,007	0,032	FALSE
0,092	0,297	0,002	0,007	0,098	FALSE
0,031	0,307	0,000	0,011	0,012	FALSE
0,038	0,322	0,001	0,009	0,040	FALSE
-0,087	0,313	-0,002	0,006	0,136	FALSE
0,028	0,315	0,001	0,008	0,051	FALSE
0,107	0,308	0,004	0,012	0,112	FALSE
-0,060	0,308	-0,001	0,007	0,054	FALSE
-0,036	0,310	-0,001	0,007	0,030	FALSE
0,062	0,298	0,001	0,009	0,055	FALSE
0,051	0,312	0,001	0,009	0,043	FALSE
0,026	0,293	0,002	0,010	0,065	FALSE
-0,032	0,299	0,000	0,007	0,018	FALSE
-0,004	0,293	-0,001	0,010	0,022	FALSE
0,026	0,298	0,002	0,012	0,070	FALSE
-0,058	0,309	-0,002	0,007	0,089	FALSE
-0,021	0,298	-0,001	0,008	0,054	FALSE
-0,074	0,302	-0,002	0,007	0,095	FALSE
0,085	0,305	0,005	0,013	0,145	FALSE
-0,020	0,317	0,000	0,011	0,012	FALSE
-0,033	0,320	-0,001	0,007	0,027	FALSE
-0,006	0,320	-0,001	0,013	0,014	FALSE
-0,036	0,312	-0,001	0,009	0,055	FALSE
-0,052	0,303	-0,002	0,011	0,061	FALSE
-0,153	0,296	-0,004	0,007	0,222	FALSE
-0,048	0,301	-0,001	0,012	0,046	FALSE
-0,039	0,285	-0,001	0,011	0,039	FALSE
-0,044	0,303	-0,001	0,011	0,045	FALSE
-0,092	0,296	-0,002	0,006	0,123	FALSE
-0,070	0,290	-0,003	0,012	0,112	FALSE
-0,094	0,298	-0,003	0,008	0,133	FALSE
0,057	0,304	0,002	0,008	0,103	FALSE
-0,108	0,301	-0,005	0,012	0,156	FALSE
0,035	0,308	0,001	0,013	0,039	FALSE

-0,030	0,314	-0,001	0,011	0,043	FALSE
0,135	0,302	0,005	0,012	0,166	FALSE
-0,054	0,313	-0,001	0,010	0,053	FALSE
-0,084	0,308	-0,003	0,011	0,099	FALSE
-0,046	0,319	-0,001	0,008	0,033	FALSE
0,053	0,305	0,003	0,011	0,099	FALSE
0,015	0,305	0,001	0,012	0,027	FALSE
-0,030	0,308	-0,002	0,012	0,054	FALSE
-0,096	0,309	-0,002	0,007	0,131	FALSE
0,022	0,315	0,001	0,009	0,044	FALSE
-0,012	0,310	0,000	0,010	0,010	FALSE
0,121	0,299	0,004	0,008	0,186	FALSE
-0,017	0,299	0,000	0,007	0,022	FALSE
0,026	0,305	0,000	0,008	0,008	FALSE
-0,052	0,300	-0,002	0,009	0,071	FALSE
-0,059	0,299	-0,003	0,012	0,093	FALSE
0,026	0,306	0,002	0,013	0,045	FALSE
-0,037	0,308	-0,001	0,008	0,050	FALSE
0,035	0,295	0,000	0,012	0,014	FALSE
0,023	0,313	0,001	0,012	0,035	FALSE
0,012	0,316	0,000	0,009	0,012	FALSE
-0,111	0,300	-0,004	0,012	0,132	FALSE
-0,086	0,314	-0,003	0,010	0,097	FALSE
-0,100	0,297	-0,003	0,008	0,132	FALSE
-0,145	0,300	-0,006	0,011	0,216	FALSE
-0,044	0,302	-0,001	0,008	0,038	FALSE
0,050	0,326	0,001	0,007	0,057	FALSE
0,156	0,298	0,005	0,009	0,229	FALSE
0,127	0,301	0,003	0,007	0,143	FALSE
0,138	0,304	0,004	0,010	0,174	FALSE
0,110	0,317	0,003	0,010	0,137	FALSE
-0,129	0,322	-0,003	0,007	0,166	FALSE
-0,014	0,308	0,001	0,010	0,020	FALSE
-0,063	0,304	-0,003	0,010	0,104	FALSE
-0,065	0,306	-0,003	0,012	0,099	FALSE
-0,010	0,308	0,000	0,008	0,010	FALSE
-0,062	0,289	-0,001	0,008	0,047	FALSE
0,084	0,280	0,003	0,011	0,109	FALSE
-0,040	0,296	-0,001	0,008	0,036	FALSE
-0,010	0,317	0,000	0,008	0,020	FALSE
0,011	0,290	0,001	0,009	0,021	FALSE
-0,008	0,309	0,000	0,013	0,002	FALSE
-0,116	0,304	-0,004	0,011	0,140	FALSE
0,200	0,288	0,008	0,013	0,291	FALSE
0,139	0,306	0,005	0,012	0,179	FALSE
-0,097	0,295	-0,003	0,009	0,131	FALSE
0,030	0,304	0,002	0,010	0,058	FALSE
-0,009	0,298	0,000	0,007	0,002	FALSE
0,057	0,315	0,001	0,012	0,040	FALSE
0,050	0,301	0,001	0,010	0,051	FALSE
0,020	0,306	0,001	0,011	0,045	FALSE
-0,123	0,299	-0,003	0,006	0,189	FALSE
0,028	0,319	0,001	0,008	0,029	FALSE

-0,077	0,306	-0,003	0,013	0,091	FALSE
0,041	0,313	0,001	0,007	0,073	FALSE
0,018	0,304	0,001	0,007	0,037	FALSE
0,001	0,312	0,001	0,010	0,022	FALSE
-0,021	0,304	0,000	0,011	0,010	FALSE
0,003	0,313	0,001	0,011	0,017	FALSE
-0,091	0,317	-0,002	0,007	0,120	FALSE
0,085	0,301	0,003	0,012	0,088	FALSE
-0,083	0,296	-0,004	0,011	0,141	FALSE
0,079	0,312	0,003	0,009	0,133	FALSE
-0,071	0,290	-0,002	0,007	0,121	FALSE
0,045	0,303	0,001	0,007	0,078	FALSE
-0,027	0,309	0,000	0,013	0,011	FALSE
0,134	0,306	0,005	0,010	0,211	FALSE
-0,024	0,307	0,000	0,007	0,023	FALSE
-0,117	0,304	-0,003	0,008	0,128	FALSE
0,023	0,301	0,000	0,013	0,005	FALSE
-0,076	0,305	-0,003	0,011	0,124	FALSE
-0,036	0,310	-0,001	0,007	0,044	FALSE
-0,092	0,298	-0,004	0,011	0,150	FALSE
-0,091	0,312	-0,004	0,012	0,137	FALSE
0,015	0,308	0,000	0,008	0,020	FALSE
-0,088	0,289	-0,004	0,011	0,155	FALSE
-0,130	0,314	-0,003	0,008	0,173	FALSE
0,169	0,299	0,007	0,012	0,241	FALSE
-0,089	0,311	-0,002	0,007	0,128	FALSE
0,074	0,306	0,003	0,012	0,091	FALSE
-0,017	0,299	0,000	0,008	0,015	FALSE
0,058	0,305	0,002	0,010	0,087	FALSE
0,031	0,317	0,001	0,007	0,027	FALSE
-0,092	0,307	-0,003	0,010	0,101	FALSE
-0,018	0,298	-0,001	0,008	0,042	FALSE
0,072	0,315	0,002	0,007	0,115	FALSE
-0,069	0,303	-0,002	0,009	0,101	FALSE
0,036	0,310	0,002	0,009	0,089	FALSE
-0,022	0,310	-0,001	0,008	0,040	FALSE
-0,101	0,314	-0,005	0,013	0,142	FALSE
-0,091	0,305	-0,004	0,013	0,121	FALSE
-0,004	0,296	0,000	0,008	0,021	FALSE
0,067	0,300	0,003	0,013	0,074	FALSE
0,156	0,299	0,006	0,011	0,222	FALSE
0,042	0,299	0,000	0,012	0,006	FALSE
-0,038	0,296	-0,002	0,007	0,087	FALSE
0,028	0,302	0,000	0,009	0,002	FALSE
0,060	0,304	0,001	0,007	0,052	FALSE
0,097	0,312	0,002	0,007	0,139	FALSE
0,185	0,309	0,004	0,006	0,268	FALSE
0,103	0,323	0,003	0,010	0,125	FALSE
-0,133	0,322	-0,005	0,013	0,167	TRUE
0,009	0,296	0,000	0,006	0,004	FALSE
-0,014	0,303	0,000	0,007	0,022	FALSE
0,007	0,300	0,000	0,008	0,009	FALSE
-0,074	0,296	-0,002	0,006	0,101	FALSE

0,040	0,308	0,001	0,006	0,045	FALSE
0,012	0,312	0,001	0,011	0,019	FALSE
-0,055	0,310	-0,003	0,011	0,088	FALSE
0,001	0,322	0,000	0,008	0,007	FALSE
0,128	0,312	0,003	0,006	0,173	FALSE
0,152	0,297	0,003	0,006	0,176	FALSE
0,130	0,305	0,002	0,006	0,150	FALSE
0,112	0,307	0,003	0,009	0,159	FALSE
-0,127	0,309	-0,003	0,008	0,173	FALSE
0,050	0,309	0,002	0,010	0,066	FALSE
-0,056	0,310	-0,002	0,009	0,083	FALSE
-0,069	0,305	-0,003	0,008	0,116	FALSE
0,021	0,319	0,001	0,013	0,030	FALSE
-0,033	0,302	-0,001	0,012	0,039	FALSE
-0,071	0,302	-0,003	0,012	0,090	FALSE
-0,071	0,325	-0,003	0,013	0,079	FALSE
0,025	0,301	0,001	0,012	0,035	FALSE
0,077	0,297	0,003	0,009	0,126	FALSE
-0,079	0,310	-0,003	0,010	0,123	FALSE
-0,097	0,299	-0,004	0,009	0,161	FALSE
-0,010	0,300	-0,001	0,010	0,017	FALSE
0,105	0,309	0,004	0,012	0,141	FALSE
0,088	0,305	0,003	0,008	0,167	FALSE
0,154	0,291	0,006	0,012	0,214	FALSE
0,158	0,296	0,006	0,012	0,216	FALSE
0,034	0,302	0,002	0,008	0,071	FALSE
-0,016	0,310	-0,001	0,012	0,039	FALSE
-0,012	0,304	0,000	0,009	0,010	FALSE
0,115	0,289	0,004	0,011	0,134	FALSE
0,048	0,295	0,001	0,009	0,025	FALSE
-0,058	0,321	-0,001	0,007	0,048	FALSE
-0,085	0,306	-0,002	0,010	0,092	FALSE
-0,043	0,307	-0,001	0,010	0,043	FALSE
-0,134	0,294	-0,002	0,006	0,152	FALSE
0,052	0,305	0,001	0,008	0,039	FALSE
0,075	0,306	0,002	0,009	0,091	FALSE
0,161	0,291	0,005	0,008	0,268	FALSE
0,083	0,303	0,002	0,009	0,087	FALSE
0,011	0,308	0,001	0,009	0,032	FALSE
0,116	0,306	0,004	0,012	0,134	FALSE
-0,164	0,311	-0,007	0,012	0,256	FALSE
-0,198	0,301	-0,007	0,011	0,297	FALSE
-0,186	0,305	-0,006	0,010	0,285	FALSE
0,021	0,313	0,001	0,009	0,055	FALSE
0,088	0,298	0,003	0,012	0,110	FALSE
0,058	0,314	0,001	0,008	0,071	FALSE
0,008	0,302	0,000	0,007	0,001	FALSE
-0,071	0,287	-0,003	0,010	0,098	FALSE
-0,091	0,309	-0,002	0,007	0,105	FALSE
0,040	0,306	0,001	0,012	0,042	FALSE
0,008	0,308	0,000	0,008	0,002	FALSE
-0,034	0,307	-0,001	0,011	0,048	FALSE
0,075	0,301	0,002	0,007	0,100	FALSE

0,011	0,302	0,001	0,011	0,029	FALSE
-0,045	0,311	-0,001	0,007	0,038	FALSE
-0,060	0,303	-0,003	0,013	0,101	FALSE
-0,026	0,310	-0,002	0,013	0,054	FALSE
0,041	0,298	0,001	0,009	0,047	FALSE
-0,023	0,319	-0,001	0,008	0,044	FALSE
-0,063	0,310	-0,001	0,007	0,044	FALSE
0,115	0,293	0,005	0,011	0,181	FALSE
-0,068	0,298	-0,002	0,009	0,070	FALSE
-0,056	0,302	-0,002	0,009	0,065	FALSE
-0,052	0,305	-0,002	0,008	0,085	FALSE
0,029	0,305	0,000	0,007	0,016	FALSE
0,015	0,295	0,000	0,011	0,002	FALSE
0,113	0,302	0,002	0,006	0,153	FALSE
0,081	0,307	0,002	0,008	0,115	FALSE
0,018	0,306	0,000	0,008	0,010	FALSE
0,109	0,303	0,002	0,006	0,149	FALSE
0,033	0,301	0,001	0,013	0,035	FALSE
0,048	0,310	0,001	0,008	0,044	FALSE
0,031	0,310	0,001	0,008	0,036	FALSE
0,027	0,310	0,001	0,013	0,026	FALSE
-0,042	0,303	-0,002	0,011	0,065	FALSE
0,011	0,314	0,000	0,008	0,000	FALSE
-0,016	0,301	0,000	0,009	0,013	FALSE
-0,008	0,300	0,000	0,009	0,015	FALSE
-0,017	0,311	0,000	0,009	0,013	FALSE
-0,079	0,304	-0,002	0,008	0,105	FALSE
0,055	0,306	0,001	0,009	0,059	FALSE
0,139	0,289	0,005	0,008	0,231	FALSE
-0,090	0,320	-0,003	0,010	0,128	FALSE
-0,111	0,302	-0,004	0,011	0,136	FALSE
0,082	0,283	0,003	0,007	0,149	FALSE
-0,099	0,291	-0,002	0,006	0,129	FALSE
0,008	0,291	0,001	0,012	0,034	FALSE
-0,035	0,314	-0,001	0,011	0,030	FALSE
-0,128	0,288	-0,003	0,008	0,168	FALSE
-0,003	0,316	0,000	0,013	0,010	FALSE
-0,046	0,301	-0,001	0,007	0,060	FALSE
-0,085	0,299	-0,002	0,008	0,102	FALSE
-0,005	0,311	0,001	0,013	0,017	FALSE
-0,138	0,295	-0,003	0,007	0,190	FALSE
0,067	0,283	0,002	0,010	0,074	FALSE
-0,025	0,306	-0,002	0,012	0,061	FALSE
0,089	0,276	0,003	0,010	0,101	FALSE
0,065	0,311	0,001	0,007	0,072	FALSE
0,113	0,299	0,002	0,006	0,119	FALSE
0,020	0,314	0,000	0,007	0,019	FALSE
-0,002	0,311	0,000	0,011	0,012	FALSE
0,054	0,295	0,002	0,008	0,084	FALSE
-0,019	0,299	-0,001	0,012	0,021	FALSE
0,016	0,311	0,001	0,006	0,028	FALSE
-0,045	0,303	-0,001	0,007	0,059	FALSE
0,052	0,301	0,001	0,007	0,064	FALSE

-0,065	0,310	-0,002	0,007	0,087	FALSE
-0,076	0,306	-0,003	0,012	0,108	FALSE
0,018	0,313	0,000	0,008	0,016	FALSE
-0,069	0,288	-0,002	0,009	0,086	FALSE
0,131	0,296	0,005	0,012	0,184	FALSE
0,008	0,301	0,001	0,010	0,025	FALSE
-0,129	0,304	-0,004	0,011	0,154	FALSE
0,060	0,298	0,002	0,007	0,090	FALSE
-0,049	0,308	-0,001	0,007	0,076	FALSE
-0,074	0,294	-0,003	0,011	0,098	FALSE
0,099	0,302	0,002	0,006	0,108	FALSE
0,057	0,300	0,002	0,012	0,055	FALSE
0,028	0,323	0,001	0,013	0,035	FALSE
0,152	0,314	0,004	0,007	0,222	FALSE
-0,058	0,303	-0,003	0,012	0,081	FALSE
-0,144	0,295	-0,005	0,009	0,222	FALSE
-0,061	0,310	-0,002	0,008	0,092	FALSE
-0,054	0,306	-0,002	0,008	0,085	FALSE
0,005	0,313	0,000	0,007	0,025	FALSE
0,094	0,302	0,004	0,011	0,127	FALSE
-0,066	0,303	-0,002	0,010	0,098	FALSE
-0,054	0,307	-0,003	0,013	0,097	FALSE
-0,117	0,309	-0,002	0,006	0,137	FALSE
-0,062	0,312	-0,002	0,013	0,066	FALSE
0,047	0,314	0,002	0,009	0,079	FALSE
-0,026	0,307	-0,001	0,009	0,020	FALSE
0,129	0,302	0,005	0,011	0,199	FALSE
-0,092	0,303	-0,003	0,011	0,118	FALSE
-0,019	0,307	0,000	0,010	0,016	FALSE
0,101	0,292	0,004	0,010	0,158	FALSE
-0,078	0,297	-0,002	0,008	0,075	FALSE
-0,130	0,301	-0,005	0,010	0,197	FALSE
0,009	0,311	0,000	0,007	0,006	FALSE
-0,067	0,313	-0,003	0,011	0,103	FALSE
-0,067	0,311	-0,002	0,010	0,062	FALSE
-0,014	0,313	-0,001	0,013	0,027	FALSE
0,043	0,292	0,001	0,011	0,039	FALSE
0,064	0,303	0,003	0,012	0,080	FALSE
-0,030	0,326	-0,002	0,012	0,049	FALSE
-0,043	0,313	-0,002	0,011	0,069	FALSE
0,079	0,313	0,002	0,006	0,105	FALSE
-0,003	0,312	0,000	0,007	0,013	FALSE
-0,001	0,304	0,000	0,006	0,013	FALSE
-0,039	0,301	-0,002	0,009	0,074	FALSE
0,030	0,293	0,001	0,012	0,038	FALSE
-0,015	0,318	-0,001	0,013	0,030	FALSE
0,068	0,321	0,002	0,009	0,094	FALSE
-0,018	0,311	0,000	0,008	0,007	FALSE
-0,033	0,306	-0,001	0,009	0,037	FALSE
-0,023	0,308	0,000	0,013	0,010	FALSE
0,061	0,295	0,003	0,011	0,099	FALSE
0,006	0,314	0,000	0,011	0,004	FALSE
-0,010	0,322	0,000	0,012	0,004	FALSE

-0,029	0,318	-0,001	0,007	0,039	FALSE
-0,009	0,310	0,000	0,007	0,012	FALSE
-0,036	0,308	0,000	0,007	0,008	FALSE
-0,074	0,309	-0,002	0,007	0,092	FALSE
-0,053	0,306	-0,001	0,007	0,067	FALSE
0,011	0,308	0,000	0,006	0,017	FALSE
0,044	0,297	0,001	0,006	0,059	FALSE
-0,073	0,308	-0,002	0,009	0,078	FALSE
0,017	0,291	0,000	0,008	0,011	FALSE
-0,015	0,305	0,000	0,008	0,019	FALSE
-0,086	0,296	-0,004	0,010	0,156	FALSE
0,091	0,298	0,004	0,011	0,133	FALSE
0,138	0,310	0,005	0,009	0,222	FALSE
-0,130	0,317	-0,004	0,009	0,196	FALSE
-0,047	0,300	-0,001	0,007	0,064	FALSE
0,078	0,311	0,004	0,010	0,135	FALSE
-0,129	0,303	-0,004	0,009	0,179	FALSE
0,120	0,297	0,003	0,009	0,150	FALSE
0,002	0,307	0,001	0,008	0,034	FALSE
-0,056	0,316	-0,002	0,010	0,085	FALSE
-0,032	0,284	-0,001	0,010	0,020	FALSE
0,031	0,311	0,001	0,011	0,033	FALSE
-0,058	0,303	-0,002	0,013	0,061	FALSE
-0,099	0,296	-0,003	0,007	0,152	FALSE
-0,026	0,322	-0,001	0,008	0,030	FALSE
-0,040	0,303	-0,002	0,011	0,068	FALSE
-0,027	0,297	0,000	0,006	0,013	FALSE
0,023	0,314	0,001	0,010	0,019	FALSE
0,055	0,303	0,002	0,007	0,089	FALSE
-0,017	0,301	-0,001	0,008	0,025	FALSE
0,076	0,311	0,003	0,012	0,103	FALSE
0,049	0,312	0,001	0,011	0,036	FALSE
0,116	0,309	0,004	0,011	0,122	FALSE
-0,056	0,311	-0,001	0,007	0,059	FALSE
0,007	0,304	0,000	0,012	0,011	FALSE
-0,049	0,310	-0,002	0,009	0,104	FALSE
-0,015	0,296	0,000	0,007	0,002	FALSE
0,070	0,307	0,003	0,012	0,099	FALSE
-0,014	0,313	0,000	0,008	0,013	FALSE
-0,019	0,302	-0,001	0,010	0,050	FALSE
-0,011	0,323	0,000	0,007	0,001	FALSE
0,104	0,304	0,004	0,011	0,151	FALSE
-0,178	0,305	-0,007	0,011	0,285	FALSE
0,085	0,290	0,003	0,011	0,120	FALSE
-0,033	0,315	-0,002	0,012	0,051	FALSE
0,109	0,295	0,002	0,006	0,100	FALSE
-0,137	0,312	-0,005	0,011	0,191	FALSE
-0,011	0,311	0,000	0,008	0,016	FALSE
-0,038	0,295	0,000	0,008	0,007	FALSE
0,060	0,302	0,003	0,010	0,128	FALSE
0,101	0,315	0,003	0,008	0,162	FALSE
-0,023	0,301	-0,001	0,006	0,047	FALSE
-0,034	0,300	-0,001	0,006	0,070	FALSE

-0,086	0,297	-0,002	0,007	0,117	FALSE
-0,057	0,308	-0,002	0,009	0,083	FALSE
-0,062	0,299	-0,002	0,010	0,054	FALSE
0,048	0,298	0,002	0,012	0,066	FALSE
-0,004	0,312	0,000	0,013	0,004	FALSE
0,054	0,295	0,002	0,009	0,080	FALSE
-0,012	0,322	-0,001	0,013	0,018	FALSE
-0,008	0,307	-0,001	0,009	0,023	FALSE
-0,026	0,318	-0,001	0,011	0,032	FALSE
-0,027	0,315	-0,001	0,011	0,026	FALSE
0,060	0,313	0,002	0,009	0,088	FALSE
0,000	0,318	0,000	0,011	0,004	FALSE
-0,006	0,312	-0,001	0,011	0,027	FALSE
0,006	0,323	0,000	0,009	0,011	FALSE
0,028	0,303	0,001	0,009	0,044	FALSE
0,064	0,319	0,003	0,012	0,092	FALSE
-0,045	0,315	-0,002	0,011	0,060	FALSE
0,137	0,298	0,004	0,008	0,204	FALSE
-0,134	0,312	-0,005	0,013	0,164	FALSE
0,103	0,313	0,003	0,008	0,126	FALSE
0,002	0,317	0,000	0,012	0,010	FALSE
0,062	0,321	0,003	0,012	0,090	FALSE
0,080	0,300	0,003	0,009	0,108	FALSE
-0,102	0,296	-0,005	0,011	0,171	FALSE
-0,051	0,300	-0,002	0,008	0,077	FALSE
0,023	0,292	0,000	0,006	0,023	FALSE
-0,012	0,300	0,000	0,007	0,003	FALSE
-0,035	0,305	-0,001	0,012	0,031	FALSE
-0,032	0,311	-0,001	0,012	0,024	FALSE
-0,125	0,289	-0,006	0,012	0,208	FALSE
-0,050	0,308	-0,001	0,007	0,062	FALSE
0,071	0,308	0,003	0,010	0,129	FALSE
0,053	0,303	0,001	0,012	0,025	FALSE
-0,046	0,312	-0,001	0,011	0,044	FALSE
-0,071	0,289	-0,003	0,012	0,104	FALSE
-0,023	0,303	-0,001	0,009	0,051	FALSE
-0,060	0,300	-0,002	0,011	0,050	FALSE
0,013	0,302	0,001	0,012	0,018	FALSE
-0,050	0,315	-0,001	0,007	0,062	FALSE
-0,072	0,307	-0,003	0,011	0,100	FALSE
-0,086	0,318	-0,002	0,007	0,092	FALSE
-0,087	0,309	-0,002	0,009	0,078	FALSE
-0,018	0,325	-0,001	0,012	0,034	FALSE
0,036	0,299	0,000	0,008	0,017	FALSE
0,012	0,302	0,001	0,006	0,039	FALSE
0,006	0,306	0,001	0,007	0,032	FALSE
-0,020	0,310	-0,001	0,012	0,039	FALSE
-0,044	0,303	-0,001	0,008	0,047	FALSE
0,006	0,299	0,000	0,007	0,011	FALSE
-0,006	0,294	0,000	0,007	0,012	FALSE
-0,126	0,303	-0,005	0,011	0,201	FALSE
-0,082	0,305	-0,004	0,012	0,128	FALSE
0,048	0,305	0,002	0,008	0,080	FALSE

0,039	0,313	0,001	0,011	0,048	FALSE
-0,018	0,316	-0,001	0,008	0,035	FALSE
0,022	0,320	0,000	0,009	0,015	FALSE
0,004	0,306	0,000	0,010	0,004	FALSE
0,021	0,319	0,001	0,007	0,047	FALSE
-0,080	0,312	-0,003	0,010	0,120	FALSE
-0,007	0,316	0,000	0,009	0,015	FALSE
0,001	0,302	0,000	0,008	0,014	FALSE
-0,015	0,312	0,000	0,007	0,002	FALSE
0,164	0,294	0,007	0,012	0,224	FALSE
-0,036	0,315	-0,001	0,007	0,045	FALSE
-0,005	0,315	0,000	0,008	0,006	FALSE
0,010	0,323	0,000	0,011	0,008	FALSE
0,042	0,306	0,002	0,009	0,066	FALSE
-0,199	0,290	-0,005	0,006	0,329	FALSE
-0,025	0,307	-0,001	0,012	0,036	FALSE
0,041	0,307	0,001	0,013	0,039	FALSE
-0,034	0,316	-0,001	0,008	0,050	FALSE
0,115	0,302	0,004	0,010	0,136	FALSE
0,152	0,312	0,006	0,011	0,211	FALSE
0,120	0,318	0,003	0,007	0,160	FALSE
0,093	0,311	0,004	0,012	0,136	FALSE
0,039	0,312	0,002	0,013	0,050	FALSE
-0,186	0,289	-0,007	0,011	0,265	FALSE
0,022	0,307	0,001	0,011	0,022	FALSE
-0,048	0,322	-0,001	0,006	0,058	FALSE
-0,073	0,320	-0,003	0,013	0,096	FALSE
0,125	0,299	0,006	0,011	0,216	FALSE
0,015	0,297	0,000	0,009	0,018	FALSE
0,090	0,314	0,002	0,008	0,125	FALSE
0,032	0,296	0,000	0,006	0,030	FALSE
0,066	0,309	0,003	0,013	0,089	FALSE
-0,039	0,304	-0,001	0,007	0,053	FALSE
0,096	0,295	0,003	0,010	0,099	FALSE
-0,067	0,303	-0,001	0,011	0,049	FALSE
0,037	0,308	0,000	0,007	0,010	FALSE
0,045	0,308	0,001	0,007	0,050	FALSE
0,010	0,299	0,000	0,006	0,026	FALSE
-0,102	0,311	-0,003	0,011	0,112	FALSE
-0,058	0,321	-0,003	0,013	0,087	FALSE
-0,023	0,315	0,000	0,012	0,009	FALSE
0,017	0,311	0,001	0,008	0,023	FALSE
-0,050	0,304	-0,001	0,006	0,047	FALSE
0,015	0,294	0,000	0,009	0,014	FALSE
-0,111	0,294	-0,004	0,009	0,186	FALSE
0,021	0,303	0,001	0,011	0,028	FALSE
0,006	0,300	0,000	0,010	0,007	FALSE
-0,009	0,313	0,000	0,009	0,011	FALSE
0,109	0,305	0,002	0,007	0,123	FALSE
-0,019	0,315	0,000	0,007	0,010	FALSE
0,131	0,319	0,005	0,012	0,160	FALSE
0,065	0,313	0,003	0,013	0,078	FALSE
-0,044	0,298	-0,001	0,010	0,028	FALSE

-0,019	0,320	-0,001	0,013	0,038	FALSE
0,011	0,305	0,000	0,008	0,019	FALSE
-0,019	0,311	0,000	0,012	0,001	FALSE
0,023	0,316	0,001	0,009	0,021	FALSE
0,067	0,307	0,002	0,008	0,077	FALSE
0,048	0,303	0,001	0,007	0,068	FALSE
-0,034	0,310	0,000	0,007	0,013	FALSE
-0,006	0,305	0,000	0,012	0,000	FALSE
-0,076	0,316	-0,003	0,013	0,077	FALSE
-0,117	0,312	-0,004	0,010	0,158	FALSE
0,072	0,309	0,002	0,007	0,087	FALSE
-0,065	0,308	-0,002	0,010	0,078	FALSE
0,112	0,313	0,003	0,006	0,173	FALSE
0,182	0,291	0,007	0,012	0,280	FALSE
0,054	0,308	0,003	0,013	0,096	FALSE
-0,129	0,304	-0,004	0,008	0,205	FALSE
0,032	0,317	0,001	0,007	0,028	FALSE
-0,098	0,305	-0,003	0,009	0,125	FALSE
0,066	0,326	0,002	0,011	0,070	FALSE
0,088	0,312	0,002	0,008	0,098	FALSE
0,013	0,306	0,000	0,010	0,015	FALSE
0,021	0,314	0,001	0,009	0,050	FALSE
0,061	0,302	0,003	0,012	0,091	FALSE
0,048	0,305	0,001	0,007	0,051	FALSE
-0,045	0,313	-0,001	0,006	0,066	FALSE
0,022	0,307	0,001	0,009	0,042	FALSE
0,088	0,300	0,002	0,008	0,099	FALSE
0,108	0,295	0,003	0,007	0,151	FALSE
-0,044	0,297	-0,001	0,011	0,028	FALSE
-0,020	0,311	0,000	0,008	0,005	FALSE
0,006	0,309	0,000	0,007	0,006	FALSE
-0,061	0,299	-0,002	0,007	0,099	FALSE
-0,071	0,307	-0,002	0,007	0,112	FALSE
0,022	0,312	0,000	0,009	0,016	FALSE
-0,024	0,297	-0,001	0,011	0,039	FALSE
-0,038	0,301	0,000	0,007	0,015	FALSE
-0,081	0,302	-0,003	0,008	0,136	FALSE
-0,001	0,321	0,000	0,012	0,001	FALSE
-0,017	0,302	0,000	0,007	0,021	FALSE
-0,072	0,311	-0,002	0,008	0,073	FALSE
0,006	0,295	-0,001	0,012	0,017	FALSE
-0,131	0,308	-0,003	0,007	0,170	FALSE
0,021	0,317	0,001	0,007	0,039	FALSE
0,141	0,302	0,005	0,010	0,208	FALSE
0,001	0,300	0,001	0,008	0,025	FALSE
0,008	0,311	0,000	0,008	0,005	FALSE
0,115	0,311	0,004	0,010	0,166	FALSE
0,129	0,310	0,004	0,009	0,187	FALSE
0,039	0,300	0,001	0,008	0,040	FALSE
0,106	0,317	0,004	0,010	0,152	FALSE
0,041	0,303	0,001	0,009	0,049	FALSE
-0,066	0,318	-0,002	0,010	0,055	FALSE
0,080	0,308	0,003	0,012	0,088	FALSE

0,114	0,297	0,003	0,007	0,156	FALSE
0,004	0,306	0,000	0,007	0,001	FALSE
0,000	0,304	0,000	0,008	0,011	FALSE
0,105	0,304	0,002	0,006	0,140	FALSE
-0,075	0,304	-0,002	0,007	0,086	FALSE
0,019	0,308	0,001	0,009	0,035	FALSE
-0,005	0,308	0,000	0,012	0,002	FALSE
0,006	0,315	0,000	0,007	0,007	FALSE
-0,020	0,299	0,000	0,012	0,008	FALSE
-0,056	0,323	-0,001	0,007	0,065	FALSE
-0,002	0,286	0,001	0,012	0,022	FALSE
0,042	0,303	0,001	0,007	0,066	FALSE
0,027	0,313	0,001	0,006	0,052	FALSE
-0,006	0,317	0,000	0,010	0,013	FALSE
0,012	0,304	0,000	0,010	0,002	FALSE
0,013	0,306	0,000	0,011	0,001	FALSE
0,074	0,301	0,002	0,006	0,097	FALSE
0,136	0,298	0,003	0,007	0,205	FALSE
-0,042	0,296	-0,001	0,007	0,074	FALSE
-0,018	0,300	0,000	0,007	0,024	FALSE
0,020	0,306	0,000	0,007	0,020	FALSE
-0,090	0,303	-0,001	0,006	0,091	FALSE
-0,044	0,313	-0,001	0,012	0,040	FALSE
-0,012	0,317	0,000	0,006	0,007	FALSE
-0,002	0,300	0,000	0,009	0,003	FALSE
0,000	0,312	0,001	0,008	0,024	FALSE
-0,035	0,307	-0,001	0,006	0,056	FALSE
-0,077	0,306	-0,003	0,011	0,097	FALSE
-0,075	0,313	-0,002	0,006	0,095	FALSE
0,060	0,313	0,003	0,012	0,080	FALSE
0,092	0,296	0,003	0,007	0,150	FALSE
0,061	0,303	0,001	0,007	0,067	FALSE
0,044	0,293	0,002	0,012	0,055	FALSE
-0,079	0,300	-0,004	0,011	0,135	FALSE
-0,149	0,299	-0,006	0,012	0,211	FALSE
0,090	0,312	0,004	0,012	0,115	FALSE
-0,001	0,322	0,000	0,007	0,020	FALSE
-0,022	0,294	-0,002	0,012	0,076	FALSE
-0,057	0,311	-0,002	0,008	0,084	FALSE
-0,062	0,309	-0,003	0,012	0,106	FALSE
-0,072	0,304	-0,002	0,006	0,102	FALSE
-0,147	0,298	-0,004	0,008	0,232	FALSE
-0,075	0,306	-0,002	0,009	0,105	FALSE
0,039	0,306	0,001	0,012	0,025	FALSE
-0,111	0,304	-0,005	0,012	0,167	FALSE
-0,063	0,305	-0,002	0,009	0,073	FALSE
0,017	0,318	0,000	0,008	0,014	FALSE
-0,063	0,315	-0,001	0,006	0,086	FALSE
0,039	0,310	0,001	0,006	0,055	FALSE
0,026	0,305	0,001	0,009	0,025	FALSE
0,127	0,299	0,006	0,013	0,211	FALSE
0,148	0,297	0,008	0,013	0,257	FALSE
0,092	0,310	0,004	0,013	0,107	FALSE

-0,038	0,296	-0,001	0,010	0,029	FALSE
-0,013	0,294	0,000	0,007	0,019	FALSE
-0,048	0,306	-0,001	0,008	0,056	FALSE
-0,098	0,304	-0,003	0,008	0,138	FALSE
0,018	0,305	0,001	0,008	0,052	FALSE
-0,053	0,306	-0,002	0,012	0,079	FALSE
0,018	0,314	0,001	0,013	0,035	FALSE
-0,111	0,318	-0,004	0,011	0,141	FALSE
0,006	0,322	-0,001	0,007	0,029	FALSE
-0,004	0,301	0,000	0,006	0,012	FALSE
-0,148	0,301	-0,007	0,013	0,228	FALSE
0,021	0,312	0,000	0,008	0,016	FALSE
0,101	0,308	0,004	0,012	0,145	FALSE
-0,068	0,295	-0,003	0,011	0,103	FALSE
0,048	0,301	0,002	0,012	0,052	FALSE
-0,198	0,312	-0,008	0,012	0,299	FALSE
-0,042	0,300	-0,002	0,011	0,057	FALSE
0,028	0,307	0,001	0,008	0,036	FALSE
0,000	0,303	-0,001	0,009	0,035	FALSE
0,119	0,294	0,004	0,009	0,153	FALSE
0,034	0,301	0,002	0,012	0,049	FALSE
0,107	0,307	0,003	0,008	0,152	FALSE
0,122	0,301	0,002	0,007	0,145	FALSE
-0,043	0,300	-0,002	0,013	0,069	FALSE
-0,003	0,305	0,000	0,011	0,015	FALSE
-0,009	0,301	0,000	0,011	0,004	FALSE
-0,090	0,313	-0,002	0,007	0,127	FALSE
-0,003	0,301	0,000	0,007	0,022	FALSE
-0,114	0,292	-0,004	0,012	0,130	FALSE
-0,048	0,317	-0,001	0,007	0,045	FALSE
0,021	0,297	0,001	0,009	0,021	FALSE
-0,004	0,321	0,000	0,008	0,018	FALSE
0,081	0,302	0,002	0,007	0,120	FALSE
-0,044	0,297	-0,003	0,012	0,081	FALSE
0,010	0,313	0,001	0,007	0,047	FALSE
0,006	0,312	0,000	0,013	0,007	FALSE
0,011	0,291	0,001	0,011	0,017	FALSE
0,044	0,304	0,002	0,008	0,093	FALSE
0,017	0,301	0,001	0,010	0,022	FALSE
-0,030	0,306	0,000	0,007	0,008	FALSE
0,025	0,291	0,000	0,012	0,011	FALSE
0,077	0,287	0,002	0,006	0,099	FALSE
-0,086	0,303	-0,003	0,010	0,111	FALSE
-0,104	0,312	-0,002	0,006	0,144	FALSE
-0,019	0,321	-0,001	0,013	0,038	FALSE
0,132	0,313	0,006	0,013	0,199	FALSE
-0,120	0,290	-0,003	0,008	0,137	FALSE
-0,127	0,301	-0,006	0,012	0,214	FALSE
-0,110	0,288	-0,005	0,011	0,195	FALSE
0,067	0,305	0,003	0,010	0,101	FALSE
-0,012	0,313	0,000	0,008	0,005	FALSE
-0,163	0,293	-0,006	0,012	0,228	FALSE
0,046	0,323	0,002	0,014	0,053	FALSE

-0,070	0,298	-0,003	0,012	0,095	FALSE
0,045	0,299	0,001	0,009	0,054	FALSE
0,086	0,291	0,002	0,007	0,118	FALSE
0,035	0,300	0,001	0,008	0,024	FALSE
-0,108	0,299	-0,004	0,011	0,157	FALSE
0,045	0,309	0,003	0,010	0,103	FALSE
-0,011	0,312	0,000	0,008	0,018	FALSE
0,088	0,309	0,003	0,011	0,127	FALSE
-0,177	0,304	-0,004	0,006	0,257	FALSE
0,123	0,301	0,003	0,007	0,157	FALSE
-0,040	0,303	-0,002	0,009	0,079	FALSE
0,126	0,307	0,003	0,008	0,177	FALSE
-0,052	0,305	-0,002	0,012	0,072	FALSE
0,061	0,295	0,001	0,011	0,040	FALSE
-0,045	0,294	-0,002	0,012	0,060	FALSE
0,023	0,311	0,000	0,012	0,010	FALSE
0,047	0,304	0,001	0,012	0,027	FALSE
-0,099	0,307	-0,003	0,010	0,134	FALSE
0,046	0,304	0,002	0,010	0,068	FALSE
0,008	0,324	-0,001	0,012	0,017	FALSE
-0,002	0,308	0,000	0,010	0,006	FALSE
-0,064	0,295	-0,001	0,009	0,048	FALSE
0,061	0,306	0,001	0,010	0,035	FALSE
0,115	0,307	0,004	0,009	0,155	FALSE
0,108	0,309	0,004	0,010	0,148	FALSE
0,040	0,316	0,001	0,009	0,053	FALSE
0,017	0,306	0,000	0,012	0,009	FALSE
-0,019	0,308	-0,001	0,010	0,045	FALSE
0,043	0,321	0,001	0,007	0,029	FALSE
0,010	0,297	0,000	0,011	0,003	FALSE
-0,088	0,299	-0,004	0,011	0,125	FALSE
-0,007	0,302	0,000	0,007	0,004	FALSE
-0,148	0,306	-0,004	0,007	0,196	FALSE
-0,147	0,313	-0,003	0,006	0,179	FALSE
-0,142	0,300	-0,003	0,006	0,201	FALSE
-0,068	0,313	-0,002	0,009	0,088	FALSE
0,012	0,326	0,001	0,012	0,024	FALSE
0,059	0,293	0,002	0,011	0,054	FALSE
-0,099	0,305	-0,002	0,007	0,123	FALSE
0,084	0,302	0,002	0,007	0,103	FALSE
-0,021	0,296	-0,001	0,009	0,031	FALSE
0,089	0,309	0,002	0,007	0,115	FALSE
0,015	0,305	0,001	0,010	0,037	FALSE
0,042	0,295	0,002	0,010	0,066	FALSE
0,011	0,321	0,000	0,012	0,013	FALSE
0,050	0,292	0,002	0,007	0,100	FALSE
0,089	0,308	0,004	0,011	0,123	FALSE
0,005	0,316	0,000	0,013	0,006	FALSE
-0,014	0,291	0,000	0,006	0,016	FALSE
-0,148	0,305	-0,003	0,007	0,208	FALSE
0,026	0,302	0,001	0,011	0,025	FALSE
0,099	0,304	0,003	0,008	0,149	FALSE
-0,015	0,312	0,000	0,007	0,006	FALSE

0,001	0,307	0,000	0,008	0,008	FALSE
-0,056	0,312	-0,001	0,008	0,053	FALSE
0,110	0,296	0,004	0,010	0,152	FALSE
-0,144	0,302	-0,006	0,012	0,211	FALSE
0,078	0,300	0,003	0,010	0,102	FALSE
-0,002	0,318	0,000	0,007	0,021	FALSE
0,030	0,318	0,001	0,008	0,038	FALSE
-0,052	0,299	-0,001	0,009	0,035	FALSE
-0,067	0,284	-0,003	0,012	0,081	FALSE
-0,098	0,308	-0,004	0,013	0,124	FALSE
-0,035	0,309	-0,001	0,007	0,046	FALSE
-0,121	0,306	-0,004	0,010	0,157	FALSE
-0,046	0,323	-0,001	0,007	0,050	FALSE
-0,086	0,310	-0,004	0,012	0,138	FALSE
0,097	0,333	0,003	0,010	0,103	FALSE
-0,108	0,294	-0,006	0,013	0,181	FALSE
0,099	0,306	0,003	0,010	0,115	FALSE
0,044	0,307	0,002	0,010	0,060	FALSE
0,070	0,291	0,002	0,010	0,095	FALSE
0,041	0,298	0,001	0,009	0,057	FALSE
0,114	0,302	0,006	0,011	0,211	FALSE
-0,141	0,299	-0,007	0,013	0,236	FALSE
-0,075	0,299	-0,004	0,012	0,136	FALSE
-0,054	0,304	-0,001	0,007	0,067	FALSE
0,051	0,307	0,001	0,013	0,019	FALSE
-0,005	0,287	-0,001	0,010	0,048	FALSE
0,053	0,301	0,002	0,013	0,065	FALSE
-0,026	0,316	0,000	0,007	0,025	FALSE
-0,029	0,310	-0,001	0,012	0,046	FALSE
-0,004	0,303	-0,001	0,007	0,035	FALSE
0,066	0,316	0,003	0,013	0,084	FALSE
-0,017	0,291	0,000	0,010	0,015	FALSE
-0,016	0,308	-0,001	0,011	0,026	FALSE
-0,030	0,299	-0,001	0,011	0,016	FALSE
0,063	0,312	0,002	0,013	0,050	FALSE
-0,002	0,319	0,001	0,007	0,030	FALSE
-0,061	0,295	-0,002	0,007	0,081	FALSE
0,006	0,294	0,000	0,007	0,003	FALSE
0,031	0,321	0,001	0,009	0,025	FALSE
-0,009	0,313	-0,001	0,013	0,026	FALSE
0,023	0,305	0,000	0,008	0,006	FALSE
0,013	0,297	0,001	0,011	0,022	FALSE
-0,068	0,312	-0,001	0,008	0,067	FALSE
0,018	0,314	0,001	0,007	0,033	FALSE
-0,097	0,309	-0,002	0,007	0,117	FALSE
-0,070	0,308	-0,003	0,012	0,104	FALSE
-0,032	0,311	-0,002	0,013	0,048	FALSE
0,134	0,304	0,006	0,012	0,194	FALSE
-0,089	0,307	-0,003	0,010	0,130	FALSE
0,035	0,306	0,001	0,007	0,048	FALSE
0,041	0,298	0,001	0,007	0,058	FALSE
0,016	0,313	0,000	0,006	0,009	FALSE
-0,042	0,298	-0,001	0,008	0,042	FALSE

-0,057	0,308	-0,002	0,011	0,061	FALSE
-0,045	0,321	-0,001	0,011	0,047	FALSE
0,003	0,297	0,000	0,006	0,001	FALSE
0,167	0,303	0,004	0,007	0,229	FALSE
-0,080	0,310	-0,003	0,009	0,120	FALSE
-0,082	0,309	-0,003	0,009	0,124	FALSE
-0,016	0,295	-0,001	0,009	0,034	FALSE
-0,120	0,312	-0,004	0,009	0,184	FALSE
-0,041	0,296	-0,001	0,010	0,040	FALSE
0,086	0,314	0,003	0,007	0,153	FALSE
0,031	0,306	0,000	0,010	0,005	FALSE
-0,108	0,301	-0,004	0,009	0,171	FALSE
-0,093	0,309	-0,002	0,007	0,122	FALSE
0,084	0,291	0,003	0,011	0,086	FALSE
0,001	0,321	0,000	0,007	0,005	FALSE
-0,076	0,288	-0,002	0,008	0,109	FALSE
0,147	0,293	0,005	0,011	0,182	FALSE
-0,019	0,307	-0,001	0,012	0,038	FALSE
-0,044	0,311	-0,002	0,013	0,064	FALSE
-0,035	0,292	-0,001	0,007	0,041	FALSE
0,045	0,307	0,002	0,010	0,061	TRUE
-0,114	0,299	-0,003	0,008	0,129	FALSE
0,038	0,305	0,001	0,008	0,050	FALSE
0,043	0,309	0,001	0,008	0,058	FALSE
0,053	0,309	0,002	0,009	0,065	FALSE
0,061	0,310	0,003	0,013	0,092	FALSE
-0,101	0,297	-0,004	0,009	0,170	FALSE
-0,090	0,310	-0,005	0,013	0,149	FALSE
-0,226	0,296	-0,006	0,008	0,337	FALSE
-0,212	0,295	-0,006	0,008	0,319	FALSE
0,136	0,307	0,005	0,012	0,167	FALSE
-0,094	0,302	-0,002	0,008	0,115	FALSE
-0,090	0,301	-0,002	0,008	0,093	FALSE
0,057	0,300	0,002	0,011	0,076	FALSE
-0,073	0,313	-0,002	0,012	0,065	FALSE
-0,079	0,309	-0,003	0,010	0,099	FALSE
-0,030	0,306	-0,001	0,009	0,042	FALSE
-0,031	0,325	-0,001	0,013	0,036	FALSE
0,019	0,319	0,001	0,012	0,014	FALSE
-0,041	0,304	-0,002	0,012	0,054	FALSE
0,052	0,299	0,002	0,012	0,052	FALSE
0,051	0,306	0,001	0,008	0,061	FALSE
0,026	0,299	0,001	0,013	0,030	FALSE
0,039	0,306	0,001	0,008	0,033	FALSE
-0,032	0,313	-0,001	0,008	0,044	FALSE
0,005	0,311	0,000	0,012	0,006	FALSE
0,077	0,312	0,002	0,008	0,083	FALSE
0,033	0,306	0,001	0,008	0,058	FALSE
0,028	0,291	0,001	0,010	0,031	FALSE
-0,081	0,305	-0,002	0,008	0,089	FALSE
0,071	0,311	0,002	0,010	0,076	FALSE
0,072	0,294	0,004	0,012	0,118	FALSE
-0,037	0,317	-0,001	0,007	0,050	FALSE

0,029	0,310	0,001	0,010	0,055	FALSE
-0,049	0,311	-0,002	0,010	0,066	FALSE
0,060	0,313	0,003	0,012	0,080	FALSE
0,000	0,292	0,001	0,013	0,021	FALSE
0,068	0,309	0,002	0,007	0,086	FALSE
0,060	0,300	0,002	0,008	0,073	FALSE
0,058	0,312	0,001	0,007	0,068	FALSE
0,048	0,297	0,001	0,012	0,038	FALSE
0,023	0,294	0,000	0,013	0,003	FALSE
-0,003	0,302	0,000	0,011	0,000	FALSE
0,023	0,314	0,001	0,007	0,039	FALSE
0,045	0,316	0,002	0,012	0,060	FALSE
-0,004	0,304	0,000	0,010	0,010	FALSE
0,096	0,313	0,003	0,009	0,141	FALSE
0,074	0,307	0,002	0,007	0,103	FALSE
0,043	0,299	0,001	0,006	0,076	FALSE
0,004	0,304	0,001	0,012	0,029	FALSE
0,042	0,313	0,002	0,012	0,070	FALSE
-0,144	0,310	-0,004	0,008	0,188	FALSE
0,086	0,308	0,004	0,012	0,146	FALSE
-0,050	0,299	-0,004	0,012	0,116	FALSE
0,125	0,302	0,003	0,008	0,168	FALSE
0,092	0,296	0,003	0,008	0,122	FALSE
-0,084	0,303	-0,004	0,011	0,136	FALSE
-0,056	0,296	-0,003	0,010	0,112	FALSE
-0,014	0,299	-0,001	0,010	0,054	FALSE
-0,014	0,305	-0,001	0,010	0,038	FALSE
0,003	0,305	0,000	0,010	0,016	FALSE
0,009	0,297	0,002	0,012	0,051	FALSE
0,093	0,299	0,003	0,010	0,119	FALSE
-0,055	0,311	-0,002	0,010	0,068	FALSE
0,014	0,320	0,000	0,012	0,003	FALSE
0,015	0,303	0,001	0,012	0,019	FALSE
-0,007	0,305	0,000	0,012	0,013	FALSE
-0,065	0,307	-0,002	0,012	0,063	FALSE
-0,087	0,311	-0,002	0,007	0,111	FALSE
-0,091	0,318	-0,002	0,007	0,103	FALSE
0,085	0,304	0,002	0,006	0,121	FALSE
-0,065	0,308	-0,002	0,008	0,078	FALSE
0,063	0,301	0,001	0,007	0,061	FALSE
-0,089	0,311	-0,003	0,009	0,119	FALSE
-0,111	0,312	-0,004	0,009	0,154	FALSE
0,085	0,307	0,002	0,008	0,111	FALSE
0,150	0,305	0,006	0,012	0,209	FALSE
0,002	0,316	0,000	0,008	0,002	FALSE
-0,094	0,298	-0,004	0,012	0,112	FALSE
-0,102	0,309	-0,004	0,013	0,119	FALSE
-0,115	0,308	-0,004	0,013	0,137	FALSE
0,034	0,295	0,002	0,010	0,064	FALSE
-0,053	0,327	-0,001	0,010	0,048	FALSE
-0,045	0,308	-0,001	0,011	0,048	FALSE
0,046	0,311	0,002	0,009	0,084	FALSE
-0,030	0,306	-0,002	0,012	0,054	FALSE

-0,086	0,301	-0,002	0,008	0,095	FALSE
0,064	0,295	0,003	0,012	0,087	FALSE
-0,011	0,310	-0,001	0,012	0,025	FALSE
-0,030	0,309	-0,001	0,012	0,039	FALSE
-0,081	0,325	-0,002	0,009	0,089	FALSE
0,023	0,295	0,000	0,008	0,008	FALSE
-0,045	0,287	0,000	0,007	0,027	FALSE
-0,032	0,306	-0,001	0,012	0,041	FALSE
0,147	0,305	0,003	0,007	0,156	FALSE
0,036	0,302	0,001	0,009	0,059	FALSE
0,025	0,304	0,000	0,006	0,013	FALSE
-0,052	0,302	-0,002	0,013	0,057	FALSE
-0,066	0,298	-0,003	0,013	0,086	FALSE
0,002	0,303	0,000	0,008	0,006	FALSE
-0,024	0,303	-0,001	0,013	0,034	FALSE
-0,055	0,287	-0,003	0,012	0,094	FALSE
-0,042	0,296	-0,002	0,013	0,055	FALSE
-0,018	0,310	-0,001	0,012	0,022	FALSE
-0,020	0,313	-0,001	0,012	0,036	FALSE
-0,002	0,309	0,000	0,007	0,004	FALSE
-0,077	0,301	-0,002	0,008	0,101	FALSE
0,089	0,310	0,004	0,013	0,110	FALSE
-0,080	0,304	-0,002	0,010	0,090	FALSE
0,010	0,299	0,000	0,008	0,012	FALSE
-0,037	0,305	-0,002	0,009	0,065	FALSE
-0,049	0,313	-0,001	0,007	0,052	FALSE
-0,018	0,309	0,000	0,012	0,006	FALSE
0,023	0,298	0,001	0,007	0,040	FALSE
0,131	0,308	0,004	0,010	0,184	FALSE
-0,023	0,308	-0,001	0,010	0,028	FALSE
-0,111	0,305	-0,005	0,013	0,143	FALSE
0,049	0,317	0,002	0,010	0,056	FALSE
0,041	0,300	0,001	0,007	0,079	FALSE
-0,022	0,306	0,000	0,007	0,013	FALSE
-0,096	0,307	-0,002	0,009	0,110	FALSE
-0,055	0,305	-0,001	0,007	0,042	FALSE
-0,061	0,305	-0,002	0,008	0,101	FALSE
-0,070	0,315	-0,002	0,012	0,076	FALSE
-0,055	0,311	-0,002	0,011	0,081	FALSE
-0,045	0,307	0,000	0,007	0,026	FALSE
0,087	0,304	0,002	0,008	0,111	FALSE
-0,065	0,313	-0,002	0,010	0,071	FALSE
0,043	0,320	0,001	0,006	0,085	FALSE
0,018	0,303	0,000	0,013	0,007	FALSE
-0,057	0,312	-0,002	0,009	0,082	FALSE
0,193	0,299	0,008	0,013	0,254	FALSE
-0,072	0,307	-0,003	0,010	0,100	FALSE
0,189	0,302	0,007	0,012	0,232	FALSE
0,202	0,295	0,007	0,012	0,266	FALSE
0,101	0,307	0,005	0,012	0,148	FALSE
-0,079	0,309	-0,003	0,013	0,087	FALSE
0,025	0,299	0,001	0,010	0,044	FALSE
-0,127	0,305	-0,006	0,011	0,243	FALSE

0,102	0,304	0,002	0,007	0,087	FALSE
0,092	0,297	0,002	0,007	0,089	FALSE
-0,170	0,309	-0,006	0,010	0,244	FALSE
-0,001	0,298	0,000	0,012	0,001	FALSE
0,105	0,310	0,003	0,009	0,124	FALSE
-0,067	0,307	-0,003	0,013	0,103	FALSE
0,032	0,308	0,001	0,007	0,067	FALSE
0,126	0,312	0,005	0,013	0,172	FALSE
0,027	0,298	0,001	0,010	0,031	FALSE
0,023	0,294	0,002	0,009	0,060	FALSE
0,052	0,307	0,003	0,011	0,094	FALSE
-0,099	0,321	-0,002	0,008	0,106	FALSE
-0,142	0,315	-0,007	0,013	0,217	FALSE
0,066	0,317	0,003	0,013	0,088	FALSE
-0,183	0,317	-0,004	0,007	0,246	FALSE
-0,063	0,305	-0,002	0,007	0,094	FALSE
0,038	0,312	0,002	0,009	0,073	FALSE
-0,094	0,317	-0,002	0,007	0,119	FALSE
-0,066	0,301	-0,002	0,011	0,072	FALSE
0,026	0,301	0,001	0,011	0,033	FALSE
-0,058	0,299	-0,001	0,007	0,063	FALSE
-0,030	0,308	-0,001	0,009	0,059	FALSE
0,003	0,312	0,000	0,007	0,011	FALSE
0,032	0,302	0,001	0,008	0,069	FALSE
-0,138	0,300	-0,005	0,011	0,206	FALSE
0,101	0,310	0,003	0,009	0,155	FALSE
-0,008	0,316	0,000	0,011	0,004	FALSE
0,007	0,316	0,000	0,010	0,002	FALSE
0,116	0,297	0,003	0,008	0,154	FALSE
0,101	0,296	0,004	0,012	0,133	FALSE
0,150	0,303	0,003	0,007	0,190	FALSE
-0,082	0,294	-0,003	0,011	0,113	FALSE
0,058	0,308	0,003	0,013	0,086	FALSE
0,077	0,310	0,003	0,010	0,111	FALSE
0,026	0,311	0,000	0,010	0,011	FALSE
-0,056	0,308	-0,002	0,010	0,081	FALSE
-0,056	0,301	-0,001	0,008	0,061	FALSE
0,013	0,313	0,000	0,013	0,002	FALSE
-0,108	0,306	-0,004	0,011	0,146	FALSE
0,021	0,308	0,000	0,008	0,004	FALSE
0,097	0,317	0,005	0,013	0,148	FALSE
-0,094	0,305	-0,002	0,007	0,115	FALSE
-0,121	0,320	-0,004	0,009	0,167	FALSE
-0,074	0,321	-0,003	0,013	0,100	FALSE
0,024	0,333	0,001	0,010	0,020	FALSE
0,083	0,309	0,002	0,007	0,136	FALSE
-0,029	0,309	-0,001	0,009	0,034	FALSE
0,092	0,297	0,004	0,013	0,137	FALSE
0,102	0,307	0,005	0,013	0,163	FALSE
-0,036	0,309	-0,001	0,010	0,038	FALSE
0,022	0,311	0,001	0,010	0,050	FALSE
-0,029	0,316	-0,002	0,009	0,073	FALSE
-0,054	0,308	-0,001	0,008	0,051	FALSE

0,055	0,300	0,001	0,007	0,044	FALSE
-0,059	0,305	-0,002	0,013	0,065	FALSE
0,143	0,316	0,003	0,007	0,188	FALSE
0,030	0,306	0,001	0,007	0,045	FALSE
-0,005	0,311	0,000	0,008	0,005	FALSE
-0,052	0,309	-0,001	0,008	0,055	FALSE
-0,002	0,318	0,000	0,011	0,007	FALSE
-0,023	0,330	0,000	0,008	0,019	FALSE
-0,091	0,311	-0,003	0,009	0,114	FALSE
0,098	0,323	0,002	0,009	0,101	FALSE
-0,109	0,301	-0,004	0,012	0,154	FALSE
-0,084	0,305	-0,003	0,009	0,116	FALSE
-0,011	0,312	0,000	0,008	0,021	FALSE
-0,067	0,310	-0,002	0,007	0,082	FALSE
0,106	0,316	0,002	0,007	0,142	FALSE
0,086	0,311	0,002	0,007	0,114	FALSE
0,062	0,323	0,001	0,007	0,047	FALSE
0,006	0,295	0,000	0,007	0,007	FALSE
-0,014	0,302	-0,001	0,010	0,030	FALSE
0,078	0,297	0,001	0,007	0,077	FALSE
-0,077	0,318	-0,002	0,006	0,095	FALSE
0,063	0,301	0,002	0,012	0,057	FALSE
0,009	0,308	-0,001	0,009	0,023	FALSE
0,023	0,303	0,000	0,009	0,004	FALSE
0,032	0,297	0,002	0,011	0,060	FALSE
-0,002	0,310	0,000	0,007	0,002	FALSE
-0,073	0,301	-0,001	0,006	0,087	FALSE
0,069	0,296	0,002	0,007	0,086	FALSE
0,087	0,316	0,003	0,012	0,097	FALSE
-0,105	0,312	-0,004	0,012	0,121	FALSE
-0,130	0,302	-0,004	0,009	0,174	FALSE
0,009	0,295	0,001	0,007	0,028	FALSE
0,041	0,305	0,001	0,009	0,038	FALSE
0,022	0,308	0,000	0,012	0,002	FALSE
-0,008	0,298	0,000	0,007	0,014	FALSE
0,006	0,318	0,000	0,010	0,006	FALSE
0,030	0,319	0,001	0,011	0,042	FALSE
0,009	0,299	0,000	0,007	0,004	FALSE
0,046	0,309	0,001	0,007	0,070	FALSE
0,083	0,302	0,002	0,007	0,096	FALSE
0,065	0,304	0,002	0,007	0,095	FALSE
0,207	0,300	0,008	0,012	0,300	FALSE
0,145	0,303	0,006	0,013	0,186	FALSE
0,088	0,312	0,003	0,008	0,155	FALSE
0,079	0,311	0,004	0,013	0,112	FALSE
0,045	0,299	0,001	0,009	0,044	FALSE
-0,025	0,307	-0,001	0,011	0,032	FALSE
0,073	0,314	0,003	0,009	0,120	FALSE
-0,104	0,291	-0,002	0,007	0,109	FALSE
-0,161	0,305	-0,004	0,009	0,201	FALSE
-0,052	0,309	-0,001	0,008	0,037	FALSE
-0,100	0,305	-0,002	0,007	0,121	FALSE
-0,032	0,302	-0,001	0,009	0,027	FALSE

0,009	0,319	0,000	0,011	0,006	FALSE
0,186	0,297	0,008	0,012	0,291	FALSE
-0,198	0,288	-0,004	0,006	0,276	FALSE
-0,055	0,301	-0,002	0,010	0,069	FALSE
-0,001	0,307	-0,001	0,009	0,034	FALSE
-0,076	0,305	-0,002	0,010	0,086	FALSE
0,086	0,304	0,002	0,007	0,100	FALSE
0,115	0,305	0,004	0,012	0,122	FALSE
0,075	0,305	0,002	0,008	0,109	FALSE
-0,007	0,314	0,000	0,010	0,012	FALSE
0,050	0,311	0,001	0,007	0,073	FALSE
0,074	0,301	0,002	0,007	0,089	FALSE
-0,001	0,304	0,000	0,011	0,013	FALSE
-0,032	0,307	0,000	0,007	0,015	FALSE
0,026	0,308	0,000	0,011	0,009	FALSE
0,029	0,311	0,001	0,007	0,057	FALSE
-0,096	0,296	-0,003	0,012	0,094	FALSE
0,156	0,279	0,004	0,008	0,222	FALSE
-0,045	0,312	-0,001	0,008	0,042	FALSE
0,136	0,313	0,006	0,012	0,201	FALSE
-0,094	0,299	-0,002	0,007	0,119	FALSE
-0,049	0,296	-0,003	0,012	0,081	FALSE
0,042	0,289	0,001	0,009	0,028	FALSE
0,144	0,301	0,004	0,009	0,205	FALSE
-0,045	0,300	-0,002	0,007	0,084	FALSE
0,059	0,298	0,002	0,011	0,088	FALSE
-0,071	0,314	-0,002	0,008	0,087	FALSE
0,044	0,323	0,001	0,007	0,049	FALSE
0,060	0,316	0,001	0,007	0,060	FALSE
0,067	0,305	0,002	0,009	0,078	FALSE
0,027	0,294	0,000	0,007	0,021	FALSE
-0,095	0,304	-0,003	0,011	0,119	FALSE
0,040	0,294	0,001	0,007	0,065	FALSE
0,107	0,298	0,003	0,007	0,149	FALSE
-0,010	0,297	0,000	0,012	0,010	FALSE
0,094	0,308	0,003	0,008	0,146	FALSE
0,167	0,304	0,004	0,009	0,204	FALSE
0,105	0,303	0,003	0,007	0,167	FALSE
0,116	0,317	0,005	0,012	0,149	FALSE
-0,082	0,303	-0,003	0,012	0,106	FALSE
-0,027	0,285	-0,001	0,011	0,037	FALSE
-0,090	0,289	-0,003	0,011	0,116	FALSE
-0,108	0,310	-0,005	0,013	0,153	FALSE
-0,015	0,304	-0,001	0,009	0,036	FALSE
-0,079	0,306	-0,002	0,009	0,084	FALSE
0,021	0,290	0,000	0,012	0,002	FALSE
0,024	0,308	0,001	0,006	0,041	FALSE
-0,078	0,318	-0,002	0,006	0,089	FALSE
-0,078	0,301	-0,001	0,006	0,087	FALSE
-0,138	0,315	-0,003	0,007	0,169	FALSE
-0,012	0,285	-0,001	0,009	0,030	FALSE
-0,091	0,313	-0,002	0,007	0,121	FALSE
-0,053	0,306	-0,002	0,012	0,074	FALSE

-0,060	0,315	-0,002	0,013	0,063	FALSE
-0,078	0,305	-0,003	0,012	0,095	FALSE
0,059	0,316	0,002	0,010	0,071	FALSE
0,105	0,314	0,004	0,012	0,144	FALSE
0,072	0,311	0,004	0,013	0,118	FALSE
0,000	0,310	0,000	0,006	0,013	FALSE
-0,100	0,310	-0,005	0,013	0,154	FALSE
0,122	0,306	0,006	0,013	0,184	FALSE
-0,102	0,297	-0,005	0,011	0,172	FALSE
0,031	0,312	0,000	0,008	0,018	FALSE
0,035	0,305	0,001	0,013	0,024	FALSE
0,162	0,297	0,006	0,012	0,216	FALSE
0,071	0,297	0,002	0,013	0,051	FALSE
-0,021	0,299	0,000	0,012	0,012	FALSE
-0,031	0,302	-0,001	0,008	0,059	FALSE
0,061	0,318	0,003	0,011	0,091	FALSE
-0,026	0,301	-0,001	0,006	0,042	FALSE
-0,090	0,317	-0,002	0,007	0,098	FALSE
-0,011	0,308	0,000	0,008	0,014	FALSE
0,106	0,307	0,003	0,009	0,148	FALSE
0,059	0,302	0,001	0,008	0,066	FALSE
0,023	0,300	0,001	0,011	0,029	FALSE
0,035	0,291	0,001	0,011	0,041	FALSE
0,005	0,305	0,000	0,011	0,006	FALSE
-0,026	0,319	-0,001	0,013	0,036	FALSE
-0,002	0,317	0,000	0,012	0,006	FALSE
-0,024	0,325	-0,001	0,013	0,033	FALSE
0,146	0,307	0,005	0,010	0,221	FALSE
0,220	0,307	0,010	0,013	0,345	FALSE
-0,261	0,305	-0,009	0,010	0,417	FALSE
-0,247	0,296	-0,008	0,009	0,389	FALSE
-0,041	0,306	-0,001	0,012	0,042	FALSE
-0,036	0,305	-0,002	0,012	0,072	FALSE
-0,071	0,293	-0,001	0,007	0,072	FALSE
-0,049	0,313	-0,002	0,009	0,062	FALSE
-0,019	0,324	0,000	0,007	0,006	FALSE
0,032	0,303	0,000	0,007	0,013	FALSE
-0,123	0,305	-0,005	0,013	0,148	FALSE
-0,065	0,317	-0,002	0,008	0,080	FALSE
-0,058	0,314	-0,001	0,008	0,056	FALSE
0,001	0,303	-0,001	0,012	0,020	FALSE
-0,078	0,315	-0,002	0,009	0,080	FALSE
-0,011	0,315	-0,001	0,012	0,033	FALSE
0,051	0,310	0,003	0,012	0,082	FALSE
-0,059	0,316	-0,002	0,009	0,069	FALSE
-0,063	0,304	-0,001	0,007	0,066	FALSE
0,158	0,296	0,003	0,007	0,206	FALSE
0,076	0,314	0,002	0,010	0,089	FALSE
0,025	0,312	0,000	0,011	0,005	FALSE
-0,033	0,312	-0,001	0,012	0,034	FALSE
0,024	0,288	0,000	0,007	0,019	FALSE
-0,031	0,311	-0,001	0,012	0,044	FALSE
-0,081	0,323	-0,002	0,008	0,091	FALSE

-0,064	0,289	-0,002	0,011	0,074	FALSE
0,041	0,304	0,001	0,012	0,035	FALSE
0,046	0,301	0,002	0,012	0,049	FALSE
0,020	0,282	0,000	0,011	0,015	FALSE
-0,008	0,320	0,000	0,010	0,002	FALSE
0,054	0,310	0,002	0,009	0,083	FALSE
0,057	0,298	0,002	0,012	0,070	FALSE
-0,011	0,312	0,000	0,012	0,002	FALSE
0,022	0,299	0,000	0,009	0,012	FALSE
-0,071	0,308	-0,004	0,012	0,119	FALSE
0,019	0,299	0,001	0,007	0,031	FALSE
0,121	0,306	0,003	0,007	0,170	FALSE
0,135	0,308	0,003	0,007	0,202	FALSE
-0,015	0,304	-0,001	0,008	0,037	FALSE
0,047	0,298	0,001	0,007	0,056	FALSE
-0,047	0,308	-0,001	0,007	0,076	FALSE
0,051	0,302	0,001	0,007	0,079	FALSE
0,056	0,297	0,001	0,008	0,047	FALSE
-0,121	0,301	-0,004	0,011	0,142	FALSE
0,002	0,297	0,000	0,008	0,007	FALSE
0,080	0,309	0,002	0,007	0,089	FALSE
-0,146	0,295	-0,004	0,008	0,187	FALSE
0,014	0,304	0,001	0,012	0,037	FALSE
-0,046	0,311	-0,001	0,010	0,034	FALSE
0,049	0,302	0,002	0,012	0,062	FALSE
0,041	0,314	0,001	0,009	0,056	FALSE
0,049	0,312	0,001	0,010	0,050	FALSE
0,034	0,294	0,001	0,006	0,082	FALSE
-0,030	0,307	-0,001	0,009	0,029	FALSE
0,017	0,314	0,000	0,008	0,015	FALSE
-0,010	0,319	0,000	0,012	0,009	FALSE
0,112	0,312	0,004	0,012	0,145	FALSE
-0,012	0,297	0,000	0,009	0,004	FALSE
0,270	0,296	0,008	0,009	0,438	FALSE
-0,098	0,300	-0,002	0,007	0,121	FALSE
0,039	0,313	0,002	0,011	0,057	FALSE
-0,008	0,310	0,000	0,006	0,024	FALSE
0,066	0,309	0,002	0,011	0,087	FALSE
-0,024	0,308	0,000	0,006	0,002	FALSE
-0,020	0,301	0,000	0,011	0,001	FALSE
-0,076	0,283	-0,003	0,009	0,119	FALSE
-0,123	0,297	-0,005	0,012	0,148	FALSE
0,026	0,292	0,000	0,008	0,020	FALSE
0,080	0,290	0,002	0,007	0,120	FALSE
-0,119	0,299	-0,004	0,010	0,174	FALSE
-0,062	0,303	-0,002	0,007	0,089	FALSE
-0,079	0,298	-0,003	0,009	0,110	FALSE
-0,080	0,298	-0,002	0,008	0,110	FALSE
-0,080	0,301	-0,003	0,011	0,110	FALSE
0,025	0,324	0,001	0,012	0,037	FALSE
-0,022	0,317	-0,001	0,013	0,040	FALSE
0,002	0,308	0,000	0,009	0,001	FALSE
0,126	0,296	0,003	0,006	0,179	FALSE

0,114	0,307	0,002	0,007	0,139	FALSE
0,152	0,305	0,003	0,007	0,195	FALSE
-0,019	0,318	-0,001	0,009	0,044	FALSE
-0,061	0,287	-0,001	0,009	0,050	FALSE
-0,074	0,305	-0,002	0,009	0,074	FALSE
0,084	0,305	0,003	0,009	0,109	FALSE
0,120	0,317	0,004	0,011	0,158	FALSE
0,046	0,302	0,004	0,012	0,117	FALSE
0,004	0,302	0,000	0,011	0,001	FALSE
0,068	0,310	0,003	0,013	0,082	FALSE
0,033	0,312	0,001	0,013	0,028	FALSE
-0,062	0,304	-0,003	0,012	0,080	FALSE
-0,061	0,298	-0,001	0,006	0,033	FALSE
0,008	0,308	-0,001	0,013	0,015	FALSE
-0,019	0,305	0,000	0,010	0,006	FALSE
0,042	0,297	0,001	0,008	0,053	FALSE
0,050	0,300	0,002	0,008	0,088	FALSE
-0,025	0,322	-0,001	0,010	0,031	FALSE
-0,112	0,312	-0,004	0,012	0,144	FALSE
-0,009	0,305	0,000	0,011	0,012	FALSE
-0,200	0,297	-0,007	0,010	0,314	FALSE
0,053	0,313	0,001	0,008	0,053	FALSE
-0,185	0,308	-0,004	0,007	0,243	FALSE
0,074	0,309	0,003	0,012	0,094	FALSE
-0,188	0,304	-0,007	0,012	0,271	FALSE
0,111	0,309	0,003	0,007	0,171	FALSE
0,068	0,292	0,002	0,007	0,097	FALSE
-0,076	0,317	-0,002	0,008	0,102	FALSE
-0,004	0,308	0,000	0,009	0,007	FALSE
0,092	0,298	0,004	0,013	0,124	FALSE
-0,006	0,292	0,000	0,010	0,014	FALSE
0,013	0,304	0,001	0,007	0,030	FALSE
0,103	0,310	0,003	0,008	0,134	FALSE
0,079	0,303	0,002	0,007	0,086	FALSE
0,059	0,299	0,001	0,007	0,057	FALSE
-0,119	0,303	-0,004	0,011	0,155	FALSE
0,070	0,299	0,003	0,008	0,116	FALSE
0,014	0,311	0,000	0,008	0,009	FALSE
0,054	0,312	0,002	0,006	0,099	FALSE
-0,078	0,315	-0,002	0,008	0,096	FALSE
-0,135	0,293	-0,004	0,010	0,175	FALSE
0,053	0,317	0,001	0,007	0,061	FALSE
0,065	0,318	0,003	0,011	0,088	FALSE
-0,009	0,312	0,000	0,008	0,017	FALSE
-0,008	0,299	0,000	0,007	0,009	FALSE
-0,036	0,311	-0,001	0,007	0,046	FALSE
-0,092	0,315	-0,004	0,013	0,134	FALSE
0,116	0,309	0,005	0,012	0,153	FALSE
-0,020	0,301	0,000	0,007	0,017	FALSE
-0,010	0,294	0,000	0,006	0,012	FALSE
-0,004	0,304	0,000	0,007	0,001	FALSE
-0,114	0,314	-0,005	0,012	0,163	FALSE
-0,045	0,302	-0,001	0,006	0,056	FALSE

0,024	0,308	0,001	0,008	0,025	FALSE
-0,046	0,313	-0,001	0,007	0,059	FALSE
0,066	0,298	0,001	0,008	0,051	FALSE
0,027	0,306	0,001	0,007	0,041	FALSE
0,079	0,317	0,002	0,008	0,105	FALSE
-0,042	0,313	-0,001	0,008	0,048	FALSE
0,009	0,302	0,000	0,012	0,014	FALSE
-0,024	0,309	-0,001	0,009	0,024	FALSE
-0,104	0,296	-0,005	0,012	0,164	FALSE
0,120	0,291	0,005	0,010	0,208	FALSE
-0,060	0,303	-0,002	0,007	0,082	FALSE
-0,070	0,307	-0,001	0,007	0,065	FALSE
-0,111	0,306	-0,004	0,011	0,122	FALSE
-0,006	0,305	0,000	0,010	0,017	FALSE
0,007	0,298	0,000	0,011	0,015	FALSE
-0,139	0,307	-0,007	0,013	0,223	FALSE
0,137	0,303	0,005	0,010	0,194	FALSE
-0,045	0,311	-0,002	0,013	0,044	FALSE
0,218	0,303	0,005	0,008	0,308	FALSE
-0,026	0,309	-0,001	0,011	0,019	FALSE
0,127	0,312	0,003	0,006	0,177	FALSE
0,194	0,305	0,005	0,007	0,295	FALSE
-0,045	0,307	-0,001	0,011	0,039	FALSE
0,137	0,303	0,006	0,013	0,190	FALSE
-0,064	0,311	-0,002	0,008	0,083	FALSE
0,079	0,298	0,002	0,007	0,114	FALSE
-0,148	0,297	-0,007	0,012	0,247	FALSE
-0,215	0,300	-0,008	0,010	0,346	FALSE
-0,152	0,296	-0,003	0,006	0,199	FALSE
-0,013	0,314	0,000	0,008	0,003	FALSE
-0,040	0,311	-0,001	0,007	0,029	FALSE
0,015	0,299	0,001	0,009	0,033	FALSE
0,063	0,315	0,002	0,010	0,062	FALSE
-0,077	0,290	-0,004	0,009	0,152	FALSE
-0,058	0,318	-0,001	0,007	0,046	FALSE
-0,038	0,303	-0,001	0,008	0,065	FALSE
-0,148	0,294	-0,007	0,012	0,239	FALSE
0,024	0,312	0,000	0,009	0,011	FALSE
-0,168	0,311	-0,005	0,010	0,214	FALSE
0,060	0,297	0,003	0,012	0,108	FALSE
0,048	0,319	0,003	0,013	0,083	FALSE
-0,084	0,300	-0,003	0,008	0,120	FALSE
0,194	0,285	0,006	0,010	0,258	FALSE
-0,071	0,312	-0,002	0,011	0,075	FALSE
0,078	0,309	0,003	0,012	0,093	FALSE
-0,037	0,304	-0,001	0,009	0,030	FALSE
-0,069	0,310	-0,003	0,013	0,077	FALSE
-0,023	0,326	0,000	0,013	0,006	FALSE
-0,043	0,315	-0,001	0,012	0,035	FALSE
0,130	0,296	0,005	0,011	0,193	FALSE
0,007	0,308	0,000	0,009	0,014	FALSE
0,142	0,297	0,004	0,012	0,150	FALSE
-0,066	0,307	-0,002	0,008	0,093	FALSE

0,164	0,307	0,007	0,013	0,230	FALSE
0,029	0,302	0,001	0,011	0,044	FALSE
0,018	0,307	0,000	0,007	0,025	FALSE
-0,134	0,297	-0,004	0,008	0,186	FALSE
-0,008	0,313	0,000	0,008	0,012	FALSE
-0,064	0,314	-0,002	0,007	0,091	FALSE
-0,110	0,291	-0,004	0,010	0,160	FALSE
-0,089	0,307	-0,002	0,009	0,093	FALSE
-0,116	0,299	-0,003	0,009	0,142	FALSE
0,103	0,302	0,003	0,008	0,141	FALSE
0,095	0,299	0,003	0,008	0,146	FALSE
0,108	0,307	0,004	0,011	0,149	FALSE
0,038	0,313	0,001	0,008	0,028	FALSE
-0,140	0,288	-0,005	0,010	0,199	FALSE
-0,043	0,296	-0,002	0,011	0,057	FALSE
-0,105	0,296	-0,006	0,013	0,188	FALSE
0,087	0,310	0,002	0,009	0,097	FALSE
0,163	0,295	0,004	0,009	0,217	FALSE
0,040	0,308	0,001	0,007	0,073	FALSE
0,023	0,309	0,001	0,007	0,048	FALSE
0,023	0,301	0,001	0,007	0,049	FALSE
-0,105	0,302	-0,005	0,011	0,180	FALSE
-0,062	0,306	-0,001	0,006	0,057	FALSE
0,132	0,291	0,006	0,012	0,205	FALSE
0,027	0,312	0,001	0,012	0,027	FALSE
-0,053	0,313	-0,001	0,009	0,035	FALSE
0,124	0,321	0,004	0,009	0,191	FALSE
0,079	0,290	0,002	0,009	0,100	FALSE
0,212	0,286	0,005	0,007	0,300	FALSE
0,061	0,325	0,003	0,013	0,071	FALSE
0,064	0,298	0,003	0,010	0,103	FALSE
-0,064	0,308	-0,002	0,011	0,074	FALSE
0,043	0,320	0,001	0,011	0,038	FALSE
0,154	0,309	0,003	0,006	0,232	FALSE
0,038	0,327	0,002	0,013	0,062	FALSE
0,040	0,316	0,001	0,008	0,064	FALSE
-0,081	0,304	-0,002	0,007	0,096	FALSE
0,073	0,305	0,003	0,011	0,096	FALSE
0,074	0,307	0,002	0,007	0,123	FALSE
0,224	0,292	0,005	0,006	0,337	FALSE
-0,038	0,319	-0,001	0,009	0,058	FALSE
0,072	0,306	0,002	0,010	0,088	FALSE
0,034	0,285	0,002	0,010	0,060	FALSE
-0,089	0,299	-0,002	0,007	0,132	FALSE
0,103	0,308	0,004	0,012	0,145	FALSE
0,069	0,310	0,002	0,008	0,078	FALSE
0,083	0,308	0,003	0,012	0,104	FALSE
0,017	0,304	0,001	0,009	0,026	FALSE
0,020	0,318	0,001	0,013	0,024	FALSE
0,020	0,315	0,001	0,013	0,023	FALSE
0,051	0,312	0,002	0,008	0,074	FALSE
-0,109	0,317	-0,002	0,008	0,120	FALSE
-0,071	0,298	-0,002	0,010	0,085	FALSE

0,021	0,314	0,001	0,013	0,021	FALSE
0,068	0,315	0,003	0,013	0,077	FALSE
0,019	0,303	0,001	0,011	0,025	FALSE
0,099	0,308	0,003	0,009	0,146	FALSE
-0,028	0,296	0,000	0,010	0,014	FALSE
-0,090	0,302	-0,003	0,011	0,098	FALSE
-0,001	0,309	0,000	0,009	0,006	FALSE
0,092	0,311	0,003	0,007	0,154	FALSE
-0,080	0,289	-0,003	0,008	0,130	FALSE
0,117	0,297	0,003	0,007	0,182	FALSE
0,016	0,318	0,000	0,008	0,010	FALSE
0,070	0,293	0,002	0,009	0,085	FALSE
0,000	0,311	0,000	0,007	0,003	FALSE
-0,008	0,317	0,000	0,010	0,013	FALSE
0,016	0,318	0,000	0,008	0,023	FALSE
0,031	0,311	0,001	0,007	0,056	FALSE
-0,043	0,285	-0,001	0,010	0,021	FALSE
-0,105	0,286	-0,003	0,011	0,108	FALSE
-0,125	0,293	-0,005	0,013	0,151	FALSE
0,170	0,281	0,004	0,007	0,267	FALSE
-0,070	0,301	-0,002	0,009	0,078	FALSE
-0,039	0,293	-0,001	0,009	0,050	FALSE
-0,057	0,300	-0,002	0,009	0,081	FALSE
0,036	0,311	0,001	0,010	0,032	FALSE
0,015	0,307	0,001	0,008	0,031	FALSE
-0,066	0,316	-0,002	0,010	0,091	FALSE
-0,006	0,306	-0,001	0,011	0,024	FALSE
-0,216	0,288	-0,007	0,010	0,306	FALSE
0,099	0,309	0,002	0,006	0,148	FALSE
0,060	0,312	0,002	0,007	0,084	FALSE
0,048	0,290	0,002	0,011	0,076	FALSE
-0,059	0,303	-0,003	0,012	0,106	FALSE
-0,002	0,330	0,000	0,013	0,004	FALSE
-0,022	0,303	0,000	0,007	0,015	FALSE
0,076	0,311	0,002	0,009	0,077	FALSE
-0,121	0,318	-0,003	0,009	0,155	FALSE
-0,174	0,301	-0,004	0,007	0,269	FALSE
0,004	0,312	0,000	0,010	0,014	FALSE
0,009	0,310	0,001	0,011	0,030	FALSE
-0,002	0,314	0,000	0,012	0,007	FALSE
-0,085	0,304	-0,005	0,013	0,146	FALSE
0,023	0,297	0,000	0,007	0,012	FALSE
-0,039	0,309	-0,001	0,008	0,042	FALSE
0,129	0,291	0,004	0,008	0,217	FALSE
-0,048	0,311	-0,002	0,009	0,071	FALSE
0,037	0,302	0,001	0,008	0,041	FALSE
0,080	0,307	0,002	0,007	0,091	FALSE
-0,093	0,288	-0,005	0,012	0,157	FALSE
-0,211	0,309	-0,006	0,008	0,302	FALSE
0,049	0,296	0,002	0,011	0,053	FALSE
0,034	0,325	0,001	0,009	0,043	FALSE
0,058	0,299	0,002	0,010	0,074	FALSE
0,042	0,300	0,001	0,010	0,023	FALSE

0,042	0,310	0,001	0,010	0,032	FALSE
-0,050	0,314	-0,002	0,010	0,067	FALSE
0,082	0,305	0,002	0,008	0,104	FALSE
-0,063	0,314	-0,002	0,008	0,080	FALSE
0,168	0,304	0,007	0,013	0,231	FALSE
0,002	0,297	0,000	0,008	0,018	FALSE
0,056	0,291	0,002	0,009	0,066	FALSE
-0,027	0,302	-0,001	0,010	0,047	FALSE
-0,074	0,320	-0,003	0,011	0,087	FALSE
0,014	0,307	0,000	0,007	0,014	FALSE
-0,024	0,308	0,000	0,006	0,015	FALSE
0,062	0,310	0,002	0,007	0,077	FALSE
0,001	0,302	0,000	0,006	0,016	FALSE
-0,011	0,309	0,000	0,007	0,026	FALSE
0,048	0,312	0,001	0,010	0,037	FALSE
0,054	0,304	0,002	0,008	0,090	FALSE
0,055	0,314	0,002	0,009	0,077	FALSE
-0,015	0,312	0,000	0,009	0,007	FALSE
0,113	0,305	0,002	0,008	0,111	FALSE
0,067	0,316	0,001	0,008	0,053	FALSE
-0,091	0,300	-0,002	0,007	0,124	FALSE
-0,044	0,315	-0,001	0,007	0,041	FALSE
-0,066	0,307	-0,002	0,008	0,082	FALSE
0,013	0,324	0,000	0,007	0,012	FALSE
0,074	0,295	0,003	0,010	0,112	FALSE
-0,025	0,307	-0,001	0,012	0,044	FALSE
-0,046	0,300	-0,001	0,008	0,038	FALSE
0,074	0,304	0,002	0,008	0,105	FALSE
0,066	0,320	0,002	0,009	0,105	FALSE
0,078	0,316	0,002	0,009	0,110	FALSE
0,101	0,308	0,003	0,008	0,138	FALSE
-0,005	0,301	-0,001	0,013	0,019	FALSE
-0,105	0,307	-0,004	0,010	0,171	FALSE
-0,088	0,308	-0,003	0,010	0,135	FALSE
-0,076	0,323	-0,003	0,011	0,104	FALSE
0,142	0,310	0,003	0,007	0,191	FALSE
0,135	0,313	0,006	0,013	0,173	FALSE
0,124	0,301	0,002	0,007	0,136	FALSE
0,135	0,306	0,003	0,007	0,160	FALSE
-0,016	0,301	0,000	0,010	0,003	FALSE
0,084	0,305	0,004	0,012	0,123	FALSE
-0,041	0,303	-0,001	0,007	0,060	FALSE
0,078	0,317	0,002	0,008	0,113	FALSE
-0,060	0,302	-0,002	0,007	0,085	FALSE
0,018	0,306	0,001	0,007	0,028	FALSE
0,137	0,311	0,005	0,011	0,177	FALSE
0,001	0,317	0,000	0,009	0,000	FALSE
0,011	0,301	0,000	0,007	0,004	FALSE
0,143	0,292	0,004	0,008	0,182	FALSE
-0,012	0,314	-0,001	0,013	0,026	FALSE
-0,037	0,321	-0,001	0,009	0,026	FALSE
-0,114	0,302	-0,004	0,012	0,121	FALSE
-0,118	0,285	-0,004	0,011	0,137	FALSE

-0,102	0,310	-0,003	0,012	0,109	FALSE
0,063	0,303	0,002	0,012	0,072	FALSE
0,066	0,312	0,003	0,011	0,092	FALSE
0,072	0,300	0,001	0,008	0,060	FALSE
-0,087	0,303	-0,003	0,010	0,128	FALSE
0,063	0,302	0,002	0,010	0,057	FALSE
0,066	0,300	0,002	0,010	0,073	FALSE
0,056	0,303	0,002	0,013	0,059	FALSE
-0,057	0,307	-0,001	0,007	0,072	FALSE
-0,007	0,292	-0,001	0,009	0,037	FALSE
0,013	0,296	0,000	0,009	0,015	FALSE
0,001	0,307	0,000	0,007	0,003	FALSE
-0,015	0,293	-0,001	0,010	0,032	FALSE
0,151	0,315	0,005	0,011	0,207	FALSE
0,017	0,312	0,001	0,008	0,042	FALSE
-0,108	0,314	-0,003	0,007	0,150	FALSE
-0,044	0,312	-0,003	0,012	0,077	FALSE
-0,140	0,300	-0,005	0,009	0,225	FALSE
-0,083	0,312	-0,003	0,012	0,108	FALSE
-0,088	0,315	-0,004	0,012	0,123	FALSE
-0,088	0,311	-0,003	0,011	0,113	FALSE
-0,092	0,316	-0,004	0,012	0,121	FALSE
-0,100	0,310	-0,004	0,012	0,138	FALSE
-0,065	0,307	-0,003	0,012	0,088	FALSE
-0,117	0,311	-0,003	0,007	0,165	FALSE
-0,015	0,320	-0,001	0,007	0,028	FALSE
0,035	0,313	0,001	0,011	0,041	FALSE
-0,078	0,308	-0,002	0,007	0,103	FALSE
-0,105	0,315	-0,003	0,010	0,134	FALSE
0,080	0,291	0,003	0,012	0,086	FALSE
0,019	0,309	0,001	0,009	0,044	FALSE
0,017	0,307	0,000	0,007	0,007	FALSE
-0,026	0,288	-0,002	0,008	0,074	FALSE
-0,034	0,300	-0,001	0,007	0,064	FALSE
0,020	0,322	0,002	0,010	0,067	FALSE
-0,017	0,312	-0,002	0,013	0,054	FALSE
-0,039	0,298	-0,001	0,007	0,073	FALSE
0,038	0,292	0,002	0,011	0,070	FALSE
-0,081	0,332	-0,002	0,009	0,100	FALSE
0,025	0,293	0,001	0,009	0,033	FALSE
0,029	0,292	0,001	0,010	0,026	FALSE
-0,019	0,318	-0,001	0,013	0,036	FALSE
-0,032	0,302	-0,002	0,012	0,050	FALSE
0,035	0,301	0,001	0,010	0,029	FALSE
0,031	0,308	0,001	0,010	0,034	FALSE
0,140	0,309	0,005	0,011	0,199	FALSE
0,189	0,301	0,008	0,011	0,315	FALSE
0,047	0,291	0,001	0,009	0,056	FALSE
-0,027	0,305	0,000	0,006	0,011	FALSE
-0,023	0,303	0,000	0,008	0,022	FALSE
-0,015	0,308	0,000	0,008	0,023	FALSE
-0,112	0,307	-0,005	0,012	0,157	FALSE
0,056	0,302	0,001	0,006	0,077	FALSE

-0,089	0,315	-0,004	0,010	0,144	FALSE
-0,073	0,323	-0,002	0,008	0,094	FALSE
-0,079	0,305	-0,002	0,008	0,105	FALSE
0,037	0,303	0,002	0,012	0,065	FALSE
0,069	0,308	0,001	0,008	0,061	FALSE
-0,090	0,294	-0,002	0,007	0,092	FALSE
-0,016	0,303	-0,001	0,012	0,024	FALSE
-0,019	0,298	-0,001	0,008	0,044	FALSE
0,081	0,314	0,004	0,012	0,115	FALSE
0,071	0,295	0,001	0,008	0,063	FALSE
0,059	0,292	0,002	0,010	0,068	FALSE
-0,063	0,308	-0,002	0,009	0,061	FALSE
-0,012	0,306	0,000	0,009	0,001	FALSE
-0,051	0,309	-0,002	0,012	0,055	FALSE
-0,037	0,295	-0,001	0,009	0,044	FALSE
0,147	0,308	0,004	0,007	0,229	FALSE
-0,043	0,302	-0,001	0,008	0,040	FALSE
-0,085	0,314	-0,003	0,010	0,103	FALSE
0,078	0,312	0,003	0,012	0,089	FALSE
0,015	0,292	0,001	0,007	0,050	FALSE
0,019	0,312	0,001	0,012	0,039	FALSE
0,010	0,321	0,000	0,010	0,015	FALSE
-0,099	0,303	-0,002	0,008	0,082	FALSE
-0,122	0,309	-0,003	0,008	0,169	FALSE
0,180	0,303	0,004	0,007	0,256	FALSE
-0,018	0,290	-0,002	0,012	0,049	FALSE
0,034	0,301	0,001	0,012	0,031	FALSE
0,005	0,312	0,001	0,012	0,027	FALSE
0,144	0,295	0,003	0,007	0,221	FALSE
0,072	0,296	0,001	0,006	0,086	FALSE
-0,140	0,305	-0,004	0,008	0,203	FALSE
0,007	0,311	0,000	0,007	0,006	FALSE
0,063	0,295	0,002	0,012	0,059	FALSE
-0,056	0,313	-0,003	0,013	0,093	FALSE
0,067	0,305	0,001	0,007	0,061	FALSE
-0,005	0,304	0,000	0,012	0,004	FALSE
-0,032	0,309	-0,002	0,011	0,056	FALSE
-0,044	0,304	-0,001	0,007	0,047	FALSE
0,041	0,309	0,001	0,007	0,030	FALSE
-0,009	0,301	0,000	0,007	0,002	FALSE
0,034	0,309	0,001	0,013	0,015	FALSE
-0,024	0,312	-0,002	0,012	0,046	FALSE
-0,057	0,312	-0,002	0,010	0,067	FALSE
-0,085	0,294	-0,004	0,010	0,136	FALSE
-0,015	0,314	0,000	0,007	0,011	FALSE
0,075	0,306	0,003	0,011	0,102	FALSE
0,094	0,299	0,004	0,010	0,135	FALSE
0,075	0,300	0,003	0,010	0,102	FALSE
-0,140	0,307	-0,006	0,013	0,186	FALSE
-0,046	0,309	-0,001	0,009	0,056	FALSE
-0,002	0,306	0,000	0,008	0,007	FALSE
-0,048	0,306	-0,001	0,007	0,031	FALSE
-0,021	0,306	-0,001	0,012	0,020	FALSE

0,011	0,316	0,000	0,011	0,008	FALSE
-0,006	0,312	0,000	0,009	0,007	FALSE
0,091	0,296	0,004	0,012	0,133	FALSE
0,092	0,306	0,002	0,008	0,123	FALSE
-0,140	0,317	-0,004	0,008	0,184	FALSE
-0,134	0,305	-0,004	0,010	0,162	FALSE
0,005	0,313	0,000	0,012	0,013	FALSE
-0,140	0,306	-0,004	0,011	0,170	FALSE
0,063	0,310	0,002	0,007	0,117	FALSE
0,030	0,315	0,002	0,009	0,063	FALSE
0,017	0,316	0,001	0,008	0,042	FALSE
-0,075	0,304	-0,003	0,010	0,108	FALSE
-0,036	0,325	-0,001	0,013	0,031	FALSE
-0,001	0,315	0,000	0,006	0,002	FALSE
-0,058	0,316	-0,002	0,012	0,067	FALSE
0,056	0,302	0,001	0,009	0,041	FALSE
0,047	0,316	0,002	0,012	0,080	FALSE
-0,027	0,312	-0,001	0,008	0,047	FALSE
0,031	0,299	0,001	0,011	0,049	FALSE
0,038	0,309	0,001	0,008	0,051	FALSE
0,025	0,312	0,001	0,009	0,036	FALSE
0,029	0,318	0,001	0,012	0,021	FALSE
0,203	0,302	0,005	0,008	0,287	FALSE
-0,024	0,301	-0,001	0,012	0,029	FALSE
0,009	0,298	0,000	0,012	0,009	FALSE
0,000	0,316	0,000	0,008	0,016	FALSE
-0,030	0,318	-0,001	0,013	0,027	FALSE
0,023	0,327	0,001	0,013	0,037	FALSE
0,014	0,301	0,000	0,012	0,007	FALSE
-0,058	0,305	-0,002	0,012	0,067	FALSE
0,004	0,300	0,001	0,012	0,027	FALSE
-0,081	0,314	-0,001	0,007	0,074	FALSE
-0,114	0,295	-0,005	0,012	0,189	FALSE
0,174	0,282	0,005	0,008	0,249	FALSE
-0,202	0,310	-0,009	0,013	0,308	FALSE
0,186	0,286	0,008	0,013	0,280	FALSE
-0,062	0,308	-0,002	0,011	0,087	FALSE
-0,021	0,298	-0,001	0,010	0,057	FALSE
-0,093	0,321	-0,002	0,007	0,093	FALSE
0,102	0,303	0,004	0,013	0,135	FALSE
-0,034	0,309	-0,001	0,008	0,025	FALSE
0,028	0,304	0,002	0,013	0,054	FALSE
-0,001	0,306	0,001	0,007	0,026	FALSE
-0,008	0,303	0,000	0,011	0,009	FALSE
-0,039	0,308	-0,001	0,011	0,049	FALSE
-0,023	0,291	-0,001	0,007	0,042	FALSE
-0,064	0,290	-0,002	0,008	0,099	FALSE
0,069	0,310	0,002	0,009	0,107	FALSE
-0,026	0,304	-0,001	0,009	0,045	FALSE
-0,056	0,307	-0,002	0,008	0,080	FALSE
-0,116	0,297	-0,003	0,007	0,176	FALSE
0,076	0,310	0,001	0,008	0,069	FALSE
-0,036	0,304	-0,001	0,008	0,029	FALSE

-0,006	0,317	0,000	0,009	0,006	FALSE
0,078	0,310	0,003	0,012	0,098	FALSE
-0,026	0,315	-0,001	0,007	0,055	FALSE
0,073	0,327	0,002	0,009	0,067	FALSE
0,216	0,310	0,006	0,008	0,337	FALSE
-0,131	0,304	-0,003	0,007	0,151	FALSE
0,244	0,303	0,007	0,008	0,405	FALSE
-0,107	0,308	-0,003	0,011	0,123	FALSE
-0,004	0,309	-0,001	0,012	0,032	FALSE
-0,042	0,300	-0,002	0,011	0,077	FALSE
-0,007	0,301	-0,001	0,012	0,037	FALSE
0,076	0,317	0,002	0,008	0,090	FALSE
-0,018	0,318	-0,001	0,008	0,047	FALSE
-0,155	0,319	-0,004	0,010	0,165	FALSE
0,016	0,326	0,001	0,006	0,028	FALSE
0,039	0,305	0,002	0,012	0,052	FALSE
0,010	0,314	0,001	0,012	0,022	FALSE
0,054	0,300	0,002	0,011	0,073	FALSE
-0,039	0,309	-0,001	0,008	0,035	FALSE
-0,002	0,311	0,000	0,009	0,015	FALSE
-0,057	0,307	-0,002	0,011	0,083	FALSE
-0,096	0,296	-0,002	0,007	0,118	FALSE
0,008	0,306	0,000	0,010	0,002	FALSE
0,104	0,299	0,005	0,012	0,166	FALSE
-0,056	0,301	-0,003	0,011	0,086	FALSE
-0,085	0,299	-0,004	0,011	0,137	FALSE
-0,135	0,313	-0,006	0,013	0,210	FALSE
-0,028	0,315	-0,001	0,009	0,034	FALSE
-0,122	0,296	-0,003	0,006	0,192	FALSE
-0,106	0,308	-0,005	0,013	0,144	FALSE
-0,108	0,308	-0,003	0,008	0,127	FALSE
0,032	0,303	0,001	0,007	0,052	FALSE
-0,068	0,309	-0,001	0,008	0,067	FALSE
-0,086	0,304	-0,002	0,008	0,118	FALSE
-0,099	0,309	-0,003	0,008	0,120	FALSE
-0,081	0,300	-0,002	0,008	0,092	FALSE
-0,137	0,297	-0,004	0,008	0,177	FALSE
-0,065	0,304	-0,002	0,008	0,087	FALSE
-0,072	0,290	-0,002	0,008	0,088	FALSE
-0,049	0,308	-0,001	0,008	0,066	FALSE
-0,069	0,319	-0,002	0,009	0,095	FALSE
-0,050	0,309	-0,001	0,010	0,054	FALSE
-0,085	0,316	-0,003	0,009	0,118	FALSE
-0,093	0,314	-0,002	0,009	0,108	FALSE
-0,088	0,312	-0,003	0,009	0,114	FALSE
-0,049	0,313	-0,001	0,009	0,052	FALSE
-0,071	0,315	-0,002	0,009	0,091	FALSE
-0,090	0,292	-0,003	0,008	0,123	FALSE
-0,072	0,301	-0,002	0,008	0,098	FALSE
0,030	0,304	0,000	0,009	0,010	FALSE
0,016	0,311	0,001	0,012	0,027	FALSE
0,062	0,298	0,002	0,007	0,091	FALSE
-0,020	0,315	-0,001	0,012	0,022	FALSE

0,018	0,307	0,001	0,011	0,016	FALSE
0,107	0,291	0,002	0,006	0,170	FALSE
-0,109	0,302	-0,006	0,013	0,183	FALSE
-0,026	0,311	0,000	0,008	0,005	FALSE
-0,140	0,313	-0,004	0,009	0,190	FALSE
0,045	0,311	0,001	0,007	0,065	FALSE
0,046	0,312	0,001	0,008	0,065	FALSE
0,129	0,295	0,004	0,009	0,153	FALSE
0,144	0,290	0,004	0,009	0,198	FALSE
0,137	0,302	0,005	0,009	0,214	FALSE
-0,067	0,310	-0,003	0,012	0,077	FALSE
0,044	0,290	0,002	0,010	0,066	FALSE
-0,036	0,299	-0,002	0,011	0,059	FALSE
0,034	0,319	0,002	0,010	0,056	FALSE
0,021	0,304	0,001	0,006	0,029	FALSE
-0,093	0,304	-0,004	0,012	0,128	FALSE
-0,065	0,310	-0,003	0,013	0,083	FALSE
0,007	0,308	0,000	0,012	0,011	FALSE
0,071	0,291	0,003	0,008	0,139	FALSE
0,002	0,309	0,001	0,008	0,023	FALSE
0,047	0,290	0,001	0,007	0,076	FALSE
-0,003	0,328	0,000	0,010	0,001	FALSE
0,056	0,300	0,002	0,010	0,076	FALSE
0,084	0,302	0,002	0,008	0,103	FALSE
0,125	0,320	0,003	0,007	0,187	FALSE
-0,018	0,312	-0,001	0,013	0,019	FALSE
0,043	0,316	0,001	0,007	0,059	FALSE
0,050	0,306	0,002	0,012	0,055	FALSE
0,011	0,305	0,000	0,011	0,000	FALSE
0,014	0,302	0,000	0,011	0,001	FALSE
-0,029	0,307	-0,001	0,007	0,032	FALSE
-0,037	0,324	-0,001	0,012	0,046	FALSE
0,080	0,324	0,002	0,007	0,104	FALSE
-0,031	0,305	-0,001	0,008	0,061	FALSE
-0,053	0,308	-0,002	0,011	0,077	FALSE
-0,004	0,320	-0,001	0,012	0,024	FALSE
0,119	0,287	0,004	0,008	0,176	FALSE
-0,060	0,303	-0,002	0,008	0,110	FALSE
0,069	0,307	0,003	0,012	0,086	FALSE
-0,072	0,301	-0,002	0,009	0,081	FALSE
-0,018	0,319	0,000	0,008	0,021	FALSE
-0,023	0,318	0,000	0,007	0,004	FALSE
0,044	0,303	0,002	0,012	0,056	FALSE
-0,042	0,305	-0,001	0,007	0,041	FALSE
0,001	0,308	0,000	0,012	0,001	FALSE
-0,034	0,308	-0,001	0,007	0,029	FALSE
-0,045	0,311	-0,002	0,012	0,068	FALSE
-0,087	0,319	-0,002	0,007	0,105	FALSE
-0,072	0,313	-0,001	0,007	0,073	FALSE
-0,050	0,319	-0,002	0,008	0,099	FALSE
0,019	0,301	0,000	0,012	0,014	FALSE
-0,068	0,316	-0,003	0,011	0,118	FALSE
-0,057	0,313	-0,001	0,007	0,062	FALSE

0,026	0,305	0,001	0,008	0,032	FALSE
0,045	0,304	0,002	0,009	0,087	FALSE
-0,012	0,299	-0,002	0,013	0,054	FALSE
-0,041	0,290	-0,003	0,012	0,104	FALSE
-0,031	0,291	-0,003	0,011	0,088	FALSE
0,040	0,313	0,001	0,010	0,038	FALSE
-0,082	0,311	-0,002	0,008	0,085	FALSE
-0,089	0,300	-0,003	0,011	0,103	FALSE
0,076	0,318	0,002	0,007	0,100	FALSE
-0,033	0,307	-0,001	0,007	0,036	FALSE
0,122	0,314	0,004	0,010	0,153	FALSE
-0,002	0,307	0,000	0,008	0,002	FALSE
-0,009	0,324	0,000	0,010	0,009	FALSE
-0,120	0,298	-0,004	0,011	0,137	FALSE
0,012	0,303	0,000	0,006	0,011	FALSE
-0,133	0,294	-0,003	0,007	0,193	FALSE
0,018	0,307	0,000	0,006	0,027	FALSE
-0,004	0,308	0,000	0,006	0,026	FALSE
0,044	0,293	0,001	0,012	0,042	FALSE
0,055	0,293	0,002	0,008	0,107	FALSE
0,058	0,298	0,002	0,012	0,078	FALSE
0,024	0,312	0,001	0,012	0,029	FALSE
0,001	0,318	0,000	0,012	0,001	FALSE
-0,080	0,276	-0,003	0,011	0,089	FALSE
0,005	0,316	0,000	0,012	0,005	FALSE
0,022	0,327	0,001	0,012	0,025	FALSE
0,102	0,314	0,002	0,008	0,115	FALSE
0,048	0,306	0,001	0,009	0,050	FALSE
0,017	0,316	0,000	0,009	0,012	FALSE
-0,081	0,286	-0,003	0,011	0,113	FALSE
0,007	0,308	0,000	0,011	0,013	FALSE
-0,057	0,310	-0,002	0,010	0,083	FALSE
0,044	0,312	0,002	0,011	0,067	FALSE
0,038	0,314	0,001	0,012	0,037	FALSE
-0,184	0,306	-0,007	0,010	0,284	FALSE
0,048	0,299	0,001	0,011	0,042	FALSE
0,021	0,319	0,000	0,009	0,015	FALSE
-0,022	0,317	-0,001	0,011	0,035	FALSE
0,111	0,320	0,004	0,011	0,135	FALSE
0,067	0,313	0,001	0,007	0,068	FALSE
-0,051	0,315	-0,002	0,008	0,073	FALSE
-0,105	0,300	-0,002	0,006	0,129	FALSE
-0,044	0,303	-0,001	0,011	0,038	FALSE
-0,026	0,317	-0,001	0,008	0,041	FALSE
0,005	0,303	0,001	0,010	0,038	FALSE
-0,069	0,302	-0,001	0,007	0,081	FALSE
-0,101	0,314	-0,002	0,007	0,127	FALSE
-0,091	0,309	-0,005	0,012	0,158	FALSE
0,069	0,308	0,002	0,008	0,093	FALSE
-0,066	0,321	-0,002	0,007	0,083	FALSE
-0,038	0,309	-0,001	0,006	0,036	FALSE
0,026	0,314	0,001	0,012	0,034	FALSE
0,034	0,302	0,001	0,011	0,032	FALSE

0,023	0,312	0,001	0,007	0,030	FALSE
-0,065	0,318	-0,002	0,011	0,079	FALSE
0,050	0,304	0,001	0,007	0,035	FALSE
0,019	0,311	0,001	0,012	0,044	FALSE
-0,117	0,320	-0,004	0,012	0,136	FALSE
-0,085	0,302	-0,003	0,010	0,125	FALSE
0,062	0,303	0,001	0,012	0,038	FALSE
0,020	0,298	0,001	0,006	0,037	FALSE
-0,105	0,320	-0,003	0,009	0,149	FALSE
0,040	0,314	0,001	0,009	0,026	FALSE
-0,026	0,328	0,000	0,012	0,013	FALSE
-0,069	0,301	-0,002	0,011	0,074	FALSE
-0,121	0,309	-0,004	0,012	0,151	FALSE
0,092	0,305	0,002	0,007	0,091	FALSE
-0,019	0,306	0,000	0,006	0,004	FALSE
-0,022	0,309	0,000	0,008	0,001	FALSE
-0,022	0,312	0,000	0,009	0,003	FALSE
0,019	0,304	0,001	0,008	0,025	FALSE
0,006	0,310	0,000	0,009	0,002	FALSE
0,001	0,300	0,000	0,008	0,010	FALSE
-0,045	0,312	-0,002	0,012	0,048	FALSE
0,021	0,302	0,000	0,009	0,000	FALSE
0,049	0,318	0,002	0,011	0,055	FALSE
-0,123	0,313	-0,003	0,008	0,177	FALSE
0,024	0,302	0,001	0,008	0,037	FALSE
0,009	0,306	0,000	0,010	0,007	FALSE
0,189	0,304	0,007	0,011	0,259	FALSE
0,039	0,302	0,001	0,012	0,037	FALSE
0,171	0,313	0,006	0,011	0,232	FALSE
-0,196	0,299	-0,008	0,012	0,278	FALSE
0,161	0,293	0,006	0,010	0,235	FALSE
-0,090	0,299	-0,003	0,009	0,132	FALSE
-0,024	0,312	0,000	0,007	0,008	FALSE
0,036	0,306	0,002	0,009	0,068	FALSE
0,096	0,304	0,004	0,013	0,130	FALSE
0,058	0,311	0,001	0,007	0,047	FALSE
0,044	0,317	0,002	0,013	0,054	FALSE
-0,048	0,309	-0,001	0,010	0,054	FALSE
-0,071	0,312	-0,002	0,010	0,075	FALSE
0,073	0,304	0,002	0,007	0,095	FALSE
0,052	0,304	0,002	0,009	0,069	FALSE
0,012	0,311	0,001	0,009	0,048	FALSE
0,028	0,306	0,001	0,009	0,045	FALSE
0,004	0,305	0,000	0,013	0,003	FALSE
0,040	0,307	0,001	0,007	0,040	FALSE
-0,156	0,296	-0,006	0,012	0,239	FALSE
-0,103	0,314	-0,002	0,008	0,111	FALSE
-0,159	0,300	-0,007	0,013	0,218	FALSE
-0,020	0,300	-0,001	0,007	0,036	FALSE
0,079	0,310	0,003	0,013	0,097	FALSE
0,044	0,298	0,002	0,010	0,077	FALSE
-0,012	0,305	0,000	0,007	0,001	FALSE
-0,034	0,305	-0,001	0,011	0,034	FALSE

-0,004	0,312	0,000	0,008	0,003	FALSE
-0,077	0,310	-0,002	0,009	0,088	FALSE
-0,004	0,299	0,001	0,010	0,026	FALSE
0,093	0,321	0,003	0,010	0,138	FALSE
-0,007	0,302	0,001	0,006	0,037	FALSE
-0,109	0,314	-0,003	0,007	0,155	FALSE
0,038	0,300	0,001	0,010	0,038	FALSE
-0,158	0,301	-0,005	0,012	0,170	FALSE
-0,205	0,304	-0,007	0,011	0,261	FALSE
-0,019	0,290	-0,001	0,010	0,043	FALSE
-0,086	0,305	-0,003	0,013	0,099	FALSE
-0,013	0,300	-0,001	0,008	0,031	FALSE
0,027	0,303	0,001	0,008	0,059	FALSE
-0,082	0,307	-0,002	0,007	0,102	FALSE
0,001	0,314	0,000	0,008	0,013	FALSE
-0,016	0,303	-0,001	0,012	0,015	FALSE
-0,003	0,300	0,000	0,007	0,025	FALSE
0,005	0,300	0,000	0,013	0,002	FALSE
-0,092	0,303	-0,004	0,012	0,120	FALSE
0,015	0,299	0,000	0,007	0,013	FALSE
0,059	0,305	0,002	0,006	0,108	FALSE
0,091	0,310	0,003	0,011	0,094	FALSE
0,074	0,316	0,002	0,007	0,091	FALSE
-0,039	0,312	-0,001	0,008	0,058	FALSE
0,031	0,305	0,002	0,011	0,057	FALSE
0,044	0,305	0,002	0,011	0,069	FALSE
0,046	0,301	0,002	0,010	0,066	FALSE
0,011	0,299	0,000	0,007	0,012	FALSE
0,123	0,282	0,005	0,010	0,208	FALSE
0,017	0,306	0,001	0,009	0,040	FALSE
0,049	0,313	0,004	0,013	0,114	FALSE
0,078	0,310	0,003	0,012	0,091	FALSE
-0,114	0,301	-0,006	0,013	0,197	FALSE
-0,070	0,309	-0,002	0,009	0,101	FALSE
0,130	0,304	0,003	0,007	0,168	FALSE
0,000	0,304	0,000	0,008	0,002	FALSE
0,011	0,308	0,001	0,008	0,036	FALSE
0,061	0,316	0,001	0,008	0,067	FALSE
0,091	0,314	0,003	0,010	0,128	FALSE
-0,019	0,304	-0,001	0,010	0,036	FALSE
0,082	0,307	0,003	0,010	0,118	FALSE
0,003	0,306	0,001	0,012	0,032	FALSE
-0,122	0,309	-0,005	0,012	0,153	FALSE
0,164	0,309	0,004	0,006	0,241	FALSE
0,196	0,288	0,006	0,008	0,354	FALSE
0,215	0,294	0,007	0,009	0,375	FALSE
0,228	0,289	0,007	0,008	0,417	FALSE
0,210	0,306	0,007	0,009	0,345	FALSE
0,143	0,307	0,005	0,011	0,199	FALSE
0,020	0,312	0,000	0,006	0,016	FALSE
0,040	0,305	0,001	0,006	0,049	FALSE
0,002	0,309	0,000	0,007	0,010	FALSE
-0,036	0,285	-0,001	0,006	0,029	FALSE

0,032	0,295	0,001	0,008	0,036	FALSE
0,017	0,297	0,000	0,009	0,016	FALSE
0,068	0,317	0,003	0,012	0,089	FALSE
-0,010	0,307	-0,001	0,008	0,027	FALSE
0,039	0,313	0,001	0,008	0,032	FALSE
-0,026	0,302	-0,001	0,009	0,029	FALSE
0,033	0,324	0,001	0,009	0,044	FALSE
-0,038	0,303	-0,002	0,012	0,048	FALSE
0,080	0,310	0,003	0,010	0,117	FALSE
0,090	0,302	0,003	0,011	0,106	FALSE
0,042	0,297	0,001	0,012	0,042	FALSE
-0,091	0,296	-0,002	0,008	0,114	FALSE
0,004	0,299	-0,001	0,013	0,022	FALSE
0,023	0,303	0,001	0,013	0,043	FALSE
-0,083	0,303	-0,002	0,008	0,073	FALSE
-0,045	0,308	-0,001	0,007	0,063	FALSE
-0,069	0,305	-0,002	0,008	0,086	FALSE
-0,015	0,309	-0,001	0,012	0,042	FALSE
-0,002	0,314	0,000	0,012	0,002	FALSE
-0,186	0,270	-0,005	0,008	0,300	FALSE
-0,035	0,306	-0,002	0,012	0,047	FALSE
0,062	0,304	0,001	0,006	0,084	FALSE
0,137	0,308	0,003	0,007	0,179	FALSE
-0,027	0,320	-0,001	0,009	0,027	FALSE
0,044	0,308	0,001	0,007	0,038	FALSE
0,116	0,316	0,002	0,007	0,138	FALSE
0,022	0,300	0,001	0,012	0,038	FALSE
0,065	0,300	0,003	0,012	0,107	FALSE
0,047	0,303	0,002	0,012	0,074	FALSE
-0,025	0,309	-0,001	0,010	0,035	FALSE
0,077	0,301	0,002	0,008	0,101	FALSE
-0,016	0,287	0,000	0,008	0,015	FALSE
0,029	0,296	0,001	0,008	0,030	FALSE
0,104	0,299	0,004	0,012	0,121	FALSE
-0,017	0,299	0,000	0,009	0,012	FALSE
-0,005	0,310	0,000	0,010	0,015	FALSE
-0,112	0,308	-0,002	0,007	0,136	FALSE
0,045	0,305	0,001	0,009	0,040	FALSE
-0,109	0,305	-0,003	0,009	0,124	FALSE
0,022	0,298	0,001	0,008	0,021	FALSE
0,164	0,310	0,003	0,007	0,212	FALSE
0,147	0,310	0,003	0,007	0,182	FALSE
0,122	0,308	0,003	0,007	0,168	FALSE
-0,147	0,308	-0,005	0,010	0,220	FALSE
-0,025	0,303	0,000	0,010	0,001	FALSE
-0,110	0,305	-0,005	0,013	0,163	FALSE
0,139	0,293	0,004	0,009	0,194	FALSE
0,042	0,313	0,002	0,010	0,078	FALSE
-0,136	0,310	-0,004	0,008	0,210	FALSE
0,056	0,302	0,001	0,008	0,054	FALSE
-0,005	0,306	0,000	0,012	0,002	FALSE
0,048	0,296	0,001	0,011	0,022	FALSE
0,058	0,297	0,002	0,007	0,096	FALSE

-0,024	0,307	0,000	0,011	0,016	FALSE
0,047	0,313	0,001	0,008	0,049	FALSE
0,030	0,300	0,002	0,013	0,049	FALSE
0,116	0,310	0,003	0,011	0,125	FALSE
0,012	0,300	0,000	0,006	0,001	FALSE
-0,093	0,307	-0,004	0,013	0,108	FALSE
-0,003	0,304	0,000	0,009	0,002	FALSE
0,095	0,297	0,004	0,012	0,119	FALSE
-0,069	0,294	-0,001	0,007	0,082	FALSE
-0,069	0,301	-0,002	0,007	0,103	FALSE
0,122	0,301	0,003	0,007	0,177	FALSE
-0,078	0,308	-0,002	0,010	0,091	FALSE
0,062	0,302	0,001	0,006	0,081	FALSE
-0,072	0,304	-0,002	0,007	0,102	FALSE
-0,067	0,302	-0,002	0,009	0,081	FALSE
-0,193	0,295	-0,004	0,007	0,268	FALSE
0,101	0,305	0,004	0,010	0,165	FALSE
0,076	0,298	0,003	0,010	0,121	FALSE
0,099	0,303	0,004	0,010	0,162	FALSE
-0,036	0,303	-0,001	0,006	0,029	FALSE
-0,012	0,304	0,000	0,007	0,015	FALSE
0,079	0,292	0,002	0,011	0,061	FALSE
-0,138	0,311	-0,005	0,010	0,213	FALSE
-0,048	0,309	-0,002	0,009	0,061	FALSE
0,010	0,311	0,000	0,007	0,000	FALSE
-0,052	0,300	-0,002	0,012	0,059	FALSE
0,043	0,317	0,002	0,012	0,063	FALSE
-0,004	0,310	0,000	0,007	0,002	FALSE
0,105	0,320	0,005	0,013	0,163	FALSE
0,030	0,307	0,001	0,010	0,045	FALSE
-0,131	0,302	-0,006	0,012	0,193	FALSE
-0,012	0,307	-0,001	0,009	0,033	FALSE
-0,002	0,312	0,001	0,008	0,036	FALSE
-0,009	0,313	0,000	0,011	0,003	FALSE
0,035	0,322	0,001	0,011	0,025	FALSE
-0,143	0,302	-0,003	0,006	0,190	FALSE
-0,062	0,319	-0,001	0,007	0,072	FALSE
0,019	0,305	0,001	0,012	0,030	FALSE
0,015	0,312	0,000	0,008	0,008	FALSE
0,092	0,294	0,004	0,013	0,118	FALSE
-0,064	0,306	-0,001	0,006	0,072	FALSE
0,028	0,307	0,000	0,009	0,009	FALSE
0,098	0,296	0,004	0,010	0,138	FALSE
0,141	0,304	0,006	0,012	0,203	FALSE
0,072	0,315	0,003	0,010	0,113	FALSE
0,035	0,319	0,001	0,007	0,048	FALSE
0,084	0,316	0,002	0,006	0,096	FALSE
-0,056	0,305	-0,002	0,012	0,049	FALSE
-0,027	0,308	-0,001	0,012	0,015	FALSE
-0,033	0,309	-0,002	0,012	0,049	FALSE
-0,023	0,308	-0,001	0,010	0,023	FALSE
-0,040	0,315	-0,001	0,006	0,034	FALSE
-0,137	0,289	-0,002	0,007	0,137	FALSE

0,139	0,314	0,005	0,012	0,196	FALSE
-0,090	0,301	-0,002	0,006	0,129	FALSE
-0,082	0,320	-0,002	0,007	0,084	FALSE
0,097	0,310	0,004	0,013	0,108	FALSE
0,082	0,304	0,005	0,012	0,150	FALSE
-0,037	0,303	-0,001	0,007	0,064	FALSE
-0,099	0,303	-0,003	0,009	0,131	FALSE
0,055	0,299	0,001	0,007	0,067	FALSE
-0,034	0,302	-0,001	0,007	0,064	FALSE
0,048	0,314	0,003	0,012	0,086	FALSE
-0,014	0,318	-0,001	0,013	0,037	FALSE
-0,143	0,290	-0,003	0,007	0,202	FALSE
0,004	0,313	0,000	0,012	0,008	FALSE
0,120	0,310	0,004	0,012	0,151	FALSE
-0,083	0,303	-0,003	0,009	0,108	FALSE
-0,028	0,303	-0,001	0,009	0,025	FALSE
-0,132	0,296	-0,005	0,010	0,224	FALSE
-0,126	0,303	-0,005	0,010	0,184	FALSE
0,033	0,304	0,001	0,008	0,057	FALSE
-0,008	0,290	0,000	0,013	0,003	FALSE
-0,166	0,285	-0,004	0,007	0,231	FALSE
0,046	0,292	0,001	0,007	0,064	FALSE
0,018	0,311	0,000	0,010	0,007	FALSE
-0,065	0,307	-0,002	0,009	0,067	FALSE
0,004	0,315	0,000	0,012	0,001	FALSE
0,060	0,311	0,003	0,013	0,085	FALSE
0,103	0,304	0,004	0,010	0,162	FALSE
-0,022	0,317	-0,001	0,008	0,032	FALSE
0,041	0,307	0,002	0,009	0,061	FALSE
-0,066	0,320	-0,001	0,009	0,049	FALSE
0,018	0,291	0,002	0,010	0,072	FALSE
-0,038	0,305	-0,001	0,007	0,055	FALSE
-0,080	0,291	-0,003	0,011	0,104	FALSE
0,043	0,316	0,001	0,012	0,044	FALSE
-0,100	0,309	-0,004	0,011	0,136	FALSE
0,021	0,308	0,001	0,012	0,031	FALSE
-0,107	0,311	-0,004	0,013	0,123	FALSE
0,020	0,316	0,001	0,008	0,050	FALSE
0,033	0,316	0,001	0,012	0,021	FALSE
-0,061	0,297	-0,001	0,008	0,056	FALSE
0,003	0,286	0,000	0,012	0,007	FALSE
0,010	0,318	0,000	0,008	0,006	FALSE
-0,008	0,305	0,000	0,013	0,008	FALSE
0,134	0,295	0,006	0,013	0,201	FALSE
-0,008	0,326	0,000	0,008	0,001	FALSE
0,087	0,313	0,002	0,007	0,095	FALSE
0,153	0,307	0,005	0,012	0,189	FALSE
0,149	0,296	0,005	0,009	0,214	FALSE
-0,050	0,296	-0,001	0,010	0,044	FALSE
0,067	0,312	0,002	0,012	0,074	FALSE
0,077	0,318	0,001	0,006	0,078	FALSE
-0,065	0,310	-0,003	0,012	0,085	FALSE
-0,060	0,319	-0,001	0,009	0,044	FALSE

-0,147	0,322	-0,005	0,010	0,194	FALSE
-0,030	0,313	-0,001	0,009	0,025	FALSE
0,122	0,303	0,004	0,011	0,146	FALSE
-0,025	0,308	0,000	0,007	0,016	FALSE
0,077	0,304	0,002	0,010	0,091	FALSE
0,013	0,300	0,001	0,012	0,037	FALSE
0,123	0,295	0,005	0,012	0,166	FALSE
0,036	0,307	0,001	0,006	0,045	FALSE
0,022	0,318	0,001	0,012	0,022	FALSE
0,094	0,299	0,002	0,006	0,135	FALSE
0,086	0,306	0,003	0,011	0,098	FALSE
-0,032	0,300	0,000	0,007	0,012	FALSE
0,068	0,311	0,002	0,009	0,100	FALSE
0,000	0,296	0,000	0,010	0,017	FALSE
-0,129	0,324	-0,004	0,009	0,180	FALSE
0,192	0,295	0,006	0,008	0,296	FALSE
-0,008	0,314	0,000	0,008	0,009	FALSE
-0,020	0,311	-0,001	0,011	0,020	FALSE
-0,042	0,309	-0,002	0,011	0,058	FALSE
-0,037	0,296	-0,002	0,013	0,049	FALSE
0,056	0,315	0,002	0,011	0,060	FALSE
-0,093	0,295	-0,003	0,008	0,163	FALSE
-0,065	0,308	-0,001	0,007	0,077	FALSE
-0,055	0,287	-0,003	0,011	0,096	FALSE
-0,062	0,303	-0,003	0,011	0,086	FALSE
0,052	0,299	0,002	0,010	0,073	FALSE
-0,100	0,304	-0,005	0,013	0,149	FALSE
-0,121	0,285	-0,006	0,011	0,219	FALSE
0,109	0,309	0,004	0,012	0,138	FALSE
0,097	0,305	0,004	0,012	0,118	FALSE
0,093	0,312	0,004	0,012	0,132	FALSE
0,153	0,300	0,006	0,012	0,224	FALSE
-0,089	0,315	-0,002	0,009	0,105	FALSE
0,204	0,316	0,006	0,011	0,269	FALSE
0,031	0,311	0,000	0,012	0,008	FALSE
0,082	0,300	0,003	0,012	0,099	FALSE
-0,069	0,300	-0,002	0,009	0,079	FALSE
0,035	0,309	0,001	0,008	0,046	FALSE
0,079	0,301	0,002	0,006	0,134	FALSE
0,017	0,318	0,001	0,010	0,019	FALSE
0,197	0,288	0,009	0,012	0,326	FALSE
-0,133	0,302	-0,006	0,013	0,188	FALSE
0,120	0,312	0,004	0,009	0,201	FALSE
-0,014	0,320	-0,001	0,011	0,018	FALSE
-0,006	0,308	0,000	0,008	0,008	FALSE
-0,010	0,312	0,001	0,011	0,026	FALSE
0,014	0,294	0,000	0,007	0,012	FALSE
0,110	0,302	0,003	0,011	0,114	FALSE
0,073	0,304	0,002	0,008	0,095	FALSE
0,028	0,309	0,001	0,009	0,040	FALSE
0,007	0,322	0,000	0,012	0,005	FALSE
-0,071	0,293	-0,002	0,009	0,086	FALSE
0,002	0,310	0,000	0,008	0,014	FALSE

-0,054	0,298	-0,002	0,012	0,055	FALSE
0,068	0,305	0,002	0,008	0,083	FALSE
-0,099	0,316	-0,002	0,007	0,127	FALSE
-0,047	0,301	-0,001	0,007	0,061	FALSE
0,131	0,310	0,006	0,013	0,180	FALSE
0,008	0,309	0,000	0,008	0,016	FALSE
0,076	0,309	0,003	0,010	0,105	FALSE
0,081	0,308	0,003	0,011	0,106	FALSE
-0,063	0,322	-0,003	0,012	0,080	FALSE
-0,062	0,308	-0,003	0,012	0,086	FALSE
-0,107	0,313	-0,002	0,007	0,117	FALSE
-0,073	0,312	-0,002	0,007	0,111	FALSE
0,034	0,320	0,001	0,011	0,029	FALSE
0,013	0,307	0,000	0,007	0,001	FALSE
0,068	0,287	0,001	0,009	0,048	FALSE
0,095	0,309	0,002	0,008	0,099	FALSE
-0,126	0,310	-0,005	0,011	0,171	FALSE
-0,116	0,316	-0,003	0,007	0,166	FALSE
-0,043	0,310	0,000	0,009	0,007	FALSE
0,007	0,287	0,000	0,006	0,014	FALSE
0,203	0,319	0,009	0,012	0,331	FALSE
0,014	0,306	0,001	0,009	0,026	FALSE
0,039	0,312	0,001	0,008	0,031	FALSE
-0,051	0,299	-0,002	0,010	0,059	FALSE
0,145	0,304	0,006	0,013	0,202	FALSE
-0,055	0,317	-0,002	0,012	0,069	FALSE
-0,032	0,300	-0,002	0,011	0,051	FALSE
-0,066	0,309	-0,004	0,013	0,107	FALSE
0,042	0,316	0,002	0,010	0,083	FALSE
-0,083	0,311	-0,003	0,012	0,092	FALSE
0,084	0,306	0,005	0,012	0,159	FALSE
-0,007	0,312	0,000	0,010	0,010	FALSE
-0,109	0,301	-0,003	0,010	0,131	FALSE
-0,150	0,305	-0,005	0,010	0,197	FALSE
0,033	0,309	0,001	0,009	0,052	FALSE
0,001	0,305	0,000	0,010	0,015	FALSE
0,028	0,313	0,002	0,010	0,054	FALSE
0,106	0,309	0,004	0,011	0,135	FALSE
-0,201	0,299	-0,004	0,006	0,294	FALSE
-0,043	0,299	-0,002	0,011	0,067	FALSE
0,023	0,309	0,001	0,009	0,026	FALSE
-0,080	0,315	-0,004	0,011	0,130	FALSE
0,023	0,310	0,001	0,010	0,053	FALSE
0,112	0,297	0,004	0,008	0,189	FALSE
0,102	0,296	0,003	0,007	0,163	FALSE
-0,026	0,309	-0,002	0,010	0,054	FALSE
0,045	0,313	0,001	0,008	0,029	FALSE
-0,015	0,317	0,000	0,011	0,011	FALSE
-0,023	0,318	0,000	0,009	0,011	FALSE
-0,030	0,306	0,000	0,011	0,017	FALSE
0,038	0,315	0,001	0,011	0,021	FALSE
-0,026	0,301	0,000	0,008	0,005	FALSE
0,037	0,308	0,001	0,008	0,024	FALSE

0,063	0,308	0,001	0,008	0,066	FALSE
0,084	0,294	0,002	0,006	0,134	FALSE
0,062	0,311	0,002	0,007	0,097	FALSE
-0,013	0,303	0,000	0,012	0,007	FALSE
0,056	0,298	0,001	0,007	0,059	FALSE
0,073	0,306	0,002	0,006	0,092	FALSE
0,079	0,309	0,002	0,009	0,079	FALSE
-0,025	0,323	0,000	0,010	0,009	FALSE
-0,092	0,309	-0,002	0,007	0,128	FALSE
-0,055	0,304	-0,001	0,011	0,041	FALSE
-0,015	0,300	0,000	0,012	0,010	FALSE
0,056	0,307	0,001	0,006	0,060	FALSE
-0,154	0,299	-0,006	0,012	0,231	FALSE
-0,023	0,296	-0,001	0,008	0,044	FALSE
-0,003	0,297	0,000	0,007	0,009	FALSE
0,151	0,304	0,003	0,008	0,179	FALSE
-0,103	0,286	-0,002	0,006	0,098	FALSE
0,033	0,317	0,000	0,008	0,023	FALSE
-0,036	0,302	-0,002	0,010	0,059	FALSE
0,005	0,304	0,001	0,007	0,040	FALSE
0,012	0,311	0,000	0,007	0,007	FALSE
0,012	0,313	0,000	0,009	0,011	FALSE
-0,068	0,303	-0,002	0,010	0,061	FALSE
0,120	0,318	0,005	0,013	0,153	FALSE
-0,094	0,311	-0,002	0,006	0,105	FALSE
0,145	0,307	0,004	0,007	0,203	FALSE
-0,056	0,314	-0,002	0,011	0,060	FALSE
0,167	0,295	0,006	0,012	0,238	FALSE
-0,047	0,312	-0,003	0,013	0,080	FALSE
0,051	0,301	0,001	0,006	0,047	FALSE
-0,027	0,297	-0,001	0,007	0,033	FALSE
-0,069	0,318	-0,003	0,012	0,089	FALSE
0,071	0,296	0,003	0,012	0,102	FALSE
0,090	0,304	0,004	0,013	0,123	FALSE
0,156	0,288	0,007	0,012	0,237	FALSE
-0,057	0,301	-0,001	0,007	0,074	FALSE
-0,013	0,313	0,000	0,009	0,008	FALSE
-0,069	0,298	-0,001	0,007	0,049	FALSE
-0,060	0,297	-0,003	0,011	0,097	FALSE
0,053	0,316	0,001	0,012	0,040	FALSE
-0,081	0,284	-0,005	0,012	0,160	FALSE
-0,077	0,315	-0,002	0,010	0,079	FALSE
-0,053	0,306	-0,002	0,010	0,060	FALSE
-0,093	0,307	-0,003	0,008	0,118	FALSE
0,090	0,314	0,002	0,008	0,118	FALSE
-0,045	0,314	-0,002	0,008	0,080	FALSE
-0,009	0,300	-0,001	0,011	0,039	FALSE
-0,076	0,298	-0,003	0,008	0,125	FALSE
0,011	0,311	0,000	0,007	0,011	FALSE
0,065	0,305	0,002	0,011	0,081	FALSE
0,092	0,303	0,003	0,013	0,091	FALSE
0,113	0,302	0,004	0,011	0,138	FALSE
0,132	0,300	0,003	0,008	0,160	FALSE

0,051	0,303	0,002	0,012	0,050	FALSE
0,185	0,313	0,005	0,008	0,263	FALSE
-0,051	0,323	-0,002	0,007	0,094	FALSE
-0,096	0,304	-0,004	0,012	0,128	FALSE
0,034	0,306	0,002	0,012	0,067	FALSE
-0,011	0,317	0,000	0,008	0,001	FALSE
0,031	0,307	0,000	0,010	0,011	FALSE
0,052	0,307	0,002	0,011	0,058	FALSE
0,084	0,301	0,002	0,008	0,105	FALSE
0,149	0,294	0,004	0,009	0,197	FALSE
0,120	0,308	0,003	0,007	0,166	FALSE
-0,008	0,310	0,000	0,008	0,021	FALSE
-0,173	0,299	-0,005	0,008	0,282	FALSE
0,027	0,321	0,001	0,007	0,045	FALSE
-0,017	0,304	-0,001	0,007	0,037	FALSE
-0,008	0,303	0,000	0,007	0,014	FALSE
0,061	0,306	0,001	0,007	0,067	FALSE
0,032	0,313	0,001	0,008	0,056	FALSE
-0,090	0,293	-0,004	0,011	0,144	FALSE
0,077	0,313	0,002	0,009	0,092	FALSE
0,053	0,307	0,002	0,009	0,073	FALSE
0,029	0,300	0,001	0,007	0,044	FALSE
-0,018	0,317	-0,001	0,009	0,027	FALSE
0,098	0,302	0,003	0,008	0,184	FALSE
0,047	0,322	0,001	0,007	0,062	FALSE
0,120	0,301	0,006	0,012	0,202	FALSE
-0,016	0,309	0,000	0,008	0,003	FALSE
-0,064	0,317	-0,002	0,009	0,076	FALSE
0,010	0,302	0,000	0,006	0,019	FALSE
-0,025	0,309	-0,001	0,009	0,049	FALSE
0,127	0,298	0,003	0,006	0,208	FALSE
0,114	0,302	0,005	0,012	0,158	FALSE
0,062	0,295	0,002	0,010	0,059	FALSE
-0,100	0,310	-0,005	0,013	0,163	FALSE
0,000	0,313	0,000	0,006	0,005	FALSE
0,136	0,294	0,005	0,013	0,153	FALSE
-0,075	0,310	-0,004	0,013	0,114	FALSE
0,100	0,311	0,002	0,007	0,126	FALSE
-0,018	0,315	0,000	0,007	0,023	FALSE
-0,029	0,318	-0,001	0,011	0,023	FALSE
0,048	0,299	0,001	0,010	0,027	FALSE
0,067	0,305	0,002	0,010	0,062	FALSE
-0,108	0,318	-0,003	0,007	0,165	FALSE
-0,112	0,295	-0,002	0,007	0,133	FALSE
0,079	0,315	0,002	0,010	0,092	FALSE
0,086	0,304	0,005	0,012	0,151	FALSE
-0,009	0,303	-0,001	0,013	0,040	FALSE
-0,027	0,297	-0,003	0,012	0,079	FALSE
0,031	0,299	0,002	0,011	0,068	FALSE
-0,020	0,310	0,000	0,007	0,003	FALSE
0,028	0,314	0,001	0,013	0,022	FALSE
0,080	0,300	0,003	0,011	0,094	FALSE
0,046	0,317	0,001	0,008	0,043	FALSE

-0,032	0,315	0,000	0,007	0,017	FALSE
-0,015	0,315	0,000	0,007	0,022	FALSE
-0,011	0,307	0,000	0,006	0,017	FALSE
0,127	0,296	0,004	0,012	0,129	FALSE
-0,107	0,309	-0,002	0,007	0,116	FALSE
0,091	0,307	0,003	0,011	0,111	FALSE
-0,059	0,301	-0,002	0,008	0,113	FALSE
0,125	0,299	0,004	0,010	0,151	FALSE
0,028	0,309	0,000	0,006	0,028	FALSE
-0,014	0,314	0,000	0,007	0,002	FALSE
-0,097	0,310	-0,003	0,010	0,114	FALSE
-0,059	0,307	-0,002	0,009	0,106	FALSE
0,009	0,309	0,000	0,010	0,008	FALSE
-0,119	0,289	-0,003	0,009	0,143	FALSE
-0,050	0,297	-0,001	0,009	0,054	FALSE
-0,091	0,304	-0,002	0,008	0,112	FALSE
-0,014	0,303	0,000	0,009	0,005	FALSE
-0,087	0,298	-0,001	0,006	0,077	FALSE
-0,118	0,304	-0,003	0,008	0,166	FALSE
0,030	0,311	0,001	0,008	0,034	FALSE
-0,037	0,319	-0,001	0,008	0,033	FALSE
-0,068	0,302	-0,001	0,006	0,087	FALSE
0,063	0,303	0,001	0,007	0,065	FALSE
0,039	0,301	0,001	0,007	0,041	FALSE
-0,129	0,311	-0,003	0,008	0,164	FALSE
0,011	0,312	0,000	0,010	0,014	FALSE
0,045	0,297	0,001	0,010	0,020	FALSE
0,163	0,306	0,004	0,008	0,223	FALSE
0,001	0,308	0,001	0,007	0,043	FALSE
0,067	0,289	0,003	0,010	0,104	FALSE
-0,118	0,297	-0,002	0,007	0,140	FALSE
-0,042	0,317	-0,001	0,012	0,040	FALSE
-0,104	0,296	-0,003	0,008	0,126	FALSE
0,177	0,312	0,006	0,010	0,281	FALSE
-0,095	0,316	-0,003	0,009	0,118	FALSE
-0,006	0,301	0,000	0,007	0,019	FALSE
0,105	0,314	0,002	0,007	0,134	FALSE
-0,094	0,311	-0,002	0,007	0,120	FALSE
-0,032	0,309	-0,001	0,013	0,022	FALSE
0,062	0,314	0,003	0,012	0,082	FALSE
-0,041	0,316	-0,001	0,007	0,035	FALSE
-0,040	0,306	-0,001	0,011	0,043	FALSE
-0,155	0,313	-0,006	0,012	0,209	FALSE
0,030	0,313	0,001	0,007	0,029	FALSE
0,029	0,320	0,001	0,010	0,021	FALSE
-0,171	0,302	-0,003	0,006	0,227	FALSE
0,065	0,301	0,002	0,006	0,090	FALSE
0,074	0,306	0,002	0,006	0,097	FALSE
0,164	0,294	0,007	0,012	0,269	FALSE
0,054	0,304	0,001	0,006	0,073	FALSE
0,065	0,310	0,001	0,008	0,068	FALSE
0,017	0,301	0,000	0,008	0,011	FALSE
0,090	0,308	0,004	0,012	0,131	FALSE

-0,088	0,297	-0,002	0,009	0,094	FALSE
0,065	0,303	0,003	0,012	0,084	FALSE
-0,002	0,303	0,000	0,009	0,003	FALSE
0,063	0,303	0,001	0,007	0,045	FALSE
-0,010	0,311	0,000	0,007	0,025	FALSE
-0,038	0,318	-0,001	0,010	0,034	FALSE
0,014	0,313	0,000	0,008	0,011	FALSE
0,095	0,290	0,003	0,007	0,147	FALSE
-0,109	0,300	-0,004	0,010	0,151	FALSE
0,065	0,315	0,002	0,007	0,092	FALSE
0,022	0,306	0,001	0,009	0,023	FALSE
0,062	0,308	0,002	0,009	0,074	FALSE
-0,013	0,302	0,000	0,012	0,013	FALSE
0,017	0,303	0,000	0,010	0,005	FALSE
-0,047	0,297	-0,002	0,009	0,063	FALSE
-0,181	0,286	-0,007	0,011	0,266	FALSE
-0,068	0,285	-0,002	0,011	0,078	FALSE
-0,025	0,317	-0,001	0,008	0,022	FALSE
0,089	0,325	0,003	0,011	0,098	FALSE
-0,009	0,326	0,000	0,007	0,001	FALSE
0,064	0,324	0,002	0,011	0,079	FALSE
-0,077	0,307	-0,002	0,006	0,092	FALSE
0,043	0,315	0,001	0,009	0,033	FALSE
-0,005	0,294	0,000	0,010	0,008	FALSE
-0,067	0,310	-0,003	0,011	0,104	FALSE
-0,136	0,296	-0,004	0,008	0,190	FALSE
0,068	0,302	0,002	0,009	0,093	FALSE
0,093	0,310	0,003	0,008	0,132	FALSE
-0,010	0,308	-0,001	0,012	0,030	FALSE
0,068	0,295	0,002	0,012	0,078	FALSE
0,052	0,293	0,002	0,009	0,069	FALSE
-0,033	0,292	-0,001	0,008	0,056	FALSE
-0,089	0,317	-0,003	0,012	0,110	FALSE
-0,049	0,297	-0,003	0,012	0,082	FALSE
0,113	0,297	0,003	0,010	0,142	FALSE
0,036	0,308	0,001	0,009	0,019	FALSE
-0,035	0,311	-0,001	0,009	0,022	FALSE
0,071	0,301	0,002	0,008	0,069	FALSE
0,056	0,298	0,002	0,011	0,081	FALSE
-0,072	0,292	-0,002	0,008	0,083	FALSE
0,045	0,301	0,001	0,010	0,047	FALSE
0,066	0,309	0,002	0,008	0,083	FALSE
-0,021	0,306	-0,001	0,011	0,023	FALSE
-0,113	0,309	-0,005	0,013	0,145	FALSE
0,125	0,305	0,003	0,007	0,167	FALSE
0,028	0,305	0,002	0,012	0,062	FALSE
-0,013	0,302	0,000	0,008	0,009	FALSE
-0,153	0,298	-0,005	0,010	0,211	FALSE
-0,035	0,325	-0,001	0,007	0,038	FALSE
0,054	0,309	0,003	0,013	0,073	FALSE
-0,013	0,315	0,000	0,008	0,016	FALSE
-0,044	0,311	-0,001	0,010	0,050	FALSE
-0,049	0,299	-0,001	0,008	0,052	FALSE

0,113	0,314	0,004	0,012	0,151	FALSE
0,064	0,319	0,001	0,007	0,078	FALSE
-0,137	0,323	-0,003	0,008	0,161	FALSE
0,029	0,295	0,000	0,006	0,011	FALSE
0,026	0,305	0,000	0,007	0,012	FALSE
-0,017	0,311	-0,001	0,010	0,039	FALSE
-0,027	0,307	-0,002	0,012	0,048	FALSE
0,007	0,330	0,000	0,009	0,010	FALSE
0,061	0,295	0,003	0,009	0,110	FALSE
-0,011	0,311	-0,001	0,012	0,024	FALSE
0,013	0,313	0,000	0,013	0,009	FALSE
-0,065	0,307	-0,002	0,011	0,072	FALSE
-0,014	0,320	0,000	0,010	0,016	FALSE
-0,033	0,302	-0,001	0,008	0,052	FALSE
-0,122	0,301	-0,003	0,006	0,195	FALSE
0,054	0,311	0,001	0,007	0,057	FALSE
0,168	0,311	0,004	0,007	0,256	FALSE
0,010	0,310	0,001	0,010	0,024	FALSE
-0,050	0,309	-0,002	0,010	0,068	FALSE
-0,026	0,295	0,000	0,012	0,002	FALSE
-0,048	0,303	-0,001	0,012	0,027	FALSE
-0,024	0,298	0,000	0,012	0,005	FALSE
0,135	0,299	0,006	0,012	0,204	FALSE
-0,026	0,311	-0,001	0,008	0,036	FALSE
-0,018	0,303	0,000	0,007	0,000	FALSE
0,055	0,315	0,001	0,010	0,043	FALSE
0,043	0,314	0,000	0,007	0,018	FALSE
0,095	0,307	0,004	0,011	0,159	FALSE
0,111	0,301	0,003	0,011	0,114	FALSE
0,110	0,294	0,003	0,011	0,125	FALSE
0,105	0,302	0,003	0,009	0,121	FALSE
0,128	0,302	0,004	0,010	0,164	FALSE
0,121	0,296	0,004	0,011	0,139	FALSE
0,070	0,306	0,002	0,012	0,055	FALSE
-0,036	0,307	-0,001	0,007	0,030	FALSE
-0,190	0,290	-0,005	0,008	0,268	FALSE
0,229	0,302	0,008	0,010	0,360	FALSE
-0,038	0,328	-0,001	0,007	0,054	FALSE
-0,057	0,314	-0,001	0,008	0,069	FALSE
-0,060	0,306	-0,002	0,010	0,074	FALSE
0,017	0,291	0,001	0,007	0,029	FALSE
-0,035	0,319	-0,001	0,012	0,030	FALSE
0,069	0,305	0,002	0,009	0,093	FALSE
0,126	0,307	0,005	0,011	0,195	FALSE
0,041	0,312	0,001	0,007	0,049	FALSE
-0,091	0,305	-0,003	0,010	0,101	FALSE
-0,067	0,317	-0,003	0,013	0,098	FALSE
-0,070	0,311	-0,003	0,012	0,095	FALSE
-0,016	0,311	-0,001	0,013	0,025	FALSE
-0,062	0,310	-0,002	0,008	0,111	FALSE
-0,061	0,315	-0,002	0,010	0,078	FALSE
-0,087	0,304	-0,002	0,008	0,109	FALSE
-0,032	0,324	-0,001	0,007	0,040	FALSE

-0,069	0,303	-0,002	0,012	0,059	FALSE
0,085	0,302	0,003	0,008	0,142	FALSE
0,034	0,300	0,002	0,013	0,061	FALSE
-0,100	0,307	-0,003	0,009	0,135	FALSE
-0,008	0,303	0,000	0,008	0,001	FALSE
-0,031	0,306	-0,001	0,007	0,051	FALSE
0,126	0,306	0,003	0,006	0,172	FALSE
-0,009	0,303	-0,001	0,011	0,029	FALSE
-0,013	0,295	0,000	0,012	0,011	FALSE
0,013	0,297	0,000	0,008	0,010	FALSE
0,064	0,311	0,003	0,011	0,086	FALSE
0,061	0,290	0,002	0,010	0,056	FALSE
-0,045	0,316	-0,001	0,009	0,025	FALSE
0,069	0,321	0,002	0,007	0,083	FALSE
0,052	0,309	0,002	0,008	0,078	FALSE
0,023	0,304	0,001	0,008	0,055	FALSE
0,019	0,314	0,000	0,007	0,016	FALSE
0,063	0,313	0,002	0,008	0,094	FALSE
0,002	0,298	0,000	0,007	0,022	FALSE
-0,009	0,298	0,000	0,011	0,007	FALSE
-0,018	0,309	0,000	0,010	0,017	FALSE
0,050	0,321	0,001	0,008	0,048	FALSE
0,105	0,298	0,003	0,010	0,109	FALSE
-0,004	0,308	0,000	0,006	0,011	FALSE
-0,045	0,313	-0,002	0,012	0,074	FALSE
-0,040	0,303	-0,002	0,012	0,048	FALSE
0,167	0,304	0,004	0,007	0,221	FALSE
-0,014	0,299	0,000	0,009	0,002	FALSE
-0,014	0,307	0,000	0,007	0,010	FALSE
-0,027	0,309	0,000	0,007	0,022	FALSE
-0,025	0,304	-0,001	0,007	0,054	FALSE
-0,006	0,299	0,000	0,011	0,003	FALSE
0,020	0,310	0,001	0,011	0,027	FALSE
0,041	0,312	0,001	0,007	0,057	FALSE
0,024	0,300	0,000	0,006	0,023	FALSE
-0,062	0,289	-0,002	0,013	0,057	FALSE
-0,124	0,308	-0,003	0,007	0,152	FALSE
0,071	0,298	0,003	0,012	0,085	FALSE
-0,048	0,309	-0,002	0,013	0,048	FALSE
-0,023	0,303	0,000	0,008	0,018	FALSE
0,078	0,301	0,001	0,006	0,089	FALSE
0,090	0,299	0,002	0,008	0,104	FALSE
0,139	0,291	0,003	0,007	0,180	FALSE
-0,089	0,303	-0,003	0,011	0,118	FALSE
0,158	0,304	0,003	0,007	0,188	FALSE
0,038	0,317	0,001	0,012	0,044	FALSE
-0,023	0,312	-0,001	0,008	0,022	FALSE
0,045	0,293	0,001	0,007	0,046	FALSE
-0,006	0,316	0,000	0,010	0,002	FALSE
-0,100	0,306	-0,003	0,007	0,136	FALSE
-0,127	0,296	-0,004	0,008	0,187	FALSE
-0,011	0,310	-0,001	0,007	0,042	FALSE
-0,063	0,314	-0,002	0,010	0,088	FALSE

-0,013	0,319	0,000	0,010	0,014	FALSE
-0,052	0,302	-0,002	0,007	0,099	FALSE
-0,011	0,292	-0,001	0,007	0,036	FALSE
-0,018	0,309	-0,002	0,012	0,044	FALSE
0,037	0,308	0,001	0,006	0,054	FALSE
0,022	0,303	0,000	0,006	0,021	FALSE
0,004	0,306	0,000	0,009	0,019	FALSE
0,132	0,295	0,003	0,006	0,177	FALSE
0,132	0,303	0,005	0,010	0,197	FALSE
-0,081	0,305	-0,002	0,007	0,097	FALSE
0,051	0,309	0,002	0,012	0,051	FALSE
0,025	0,305	0,002	0,012	0,044	FALSE
0,024	0,304	0,001	0,010	0,026	FALSE
0,076	0,297	0,002	0,007	0,125	FALSE
0,011	0,299	0,000	0,010	0,000	FALSE
-0,064	0,323	-0,002	0,011	0,082	FALSE
0,023	0,307	0,001	0,008	0,022	FALSE
0,096	0,310	0,004	0,012	0,127	FALSE
0,037	0,306	0,002	0,012	0,062	FALSE
0,003	0,310	0,000	0,011	0,004	FALSE
-0,134	0,309	-0,004	0,008	0,223	FALSE
-0,101	0,313	-0,004	0,011	0,167	FALSE
0,130	0,306	0,004	0,008	0,192	FALSE
-0,086	0,307	-0,004	0,010	0,150	FALSE
-0,099	0,317	-0,003	0,009	0,141	FALSE
-0,093	0,297	-0,002	0,008	0,124	FALSE
-0,009	0,310	0,000	0,009	0,013	FALSE
0,014	0,303	0,000	0,009	0,019	FALSE
-0,065	0,299	-0,002	0,011	0,061	FALSE
-0,084	0,316	-0,004	0,013	0,124	FALSE
0,014	0,307	0,001	0,007	0,039	FALSE
0,117	0,306	0,005	0,013	0,158	FALSE
0,066	0,299	0,002	0,008	0,089	FALSE
0,080	0,300	0,002	0,008	0,116	FALSE
0,085	0,314	0,002	0,007	0,110	FALSE
0,003	0,298	0,001	0,011	0,017	FALSE
0,033	0,297	0,001	0,012	0,044	FALSE
0,019	0,294	0,001	0,012	0,020	FALSE
0,030	0,301	0,001	0,012	0,040	FALSE
-0,050	0,301	-0,001	0,006	0,039	FALSE
-0,083	0,312	-0,002	0,009	0,110	FALSE
0,081	0,309	0,003	0,013	0,076	FALSE
0,016	0,301	0,001	0,012	0,037	FALSE
0,020	0,309	0,001	0,012	0,021	FALSE
-0,044	0,309	-0,001	0,006	0,041	FALSE
0,020	0,308	0,001	0,011	0,018	FALSE
0,084	0,319	0,002	0,008	0,091	FALSE
-0,070	0,311	-0,002	0,011	0,073	FALSE
0,078	0,308	0,003	0,011	0,094	FALSE
-0,069	0,308	-0,003	0,010	0,099	FALSE
-0,043	0,314	-0,002	0,011	0,059	FALSE
0,044	0,314	0,002	0,011	0,053	FALSE
0,114	0,315	0,004	0,010	0,161	FALSE

-0,091	0,302	-0,003	0,012	0,098	FALSE
-0,182	0,299	-0,005	0,009	0,223	FALSE
-0,038	0,306	-0,001	0,013	0,020	FALSE
-0,014	0,302	0,000	0,013	0,009	FALSE
-0,095	0,303	-0,005	0,012	0,169	FALSE
-0,141	0,302	-0,004	0,008	0,185	FALSE
-0,120	0,315	-0,004	0,011	0,170	FALSE
-0,037	0,315	0,000	0,008	0,014	FALSE
0,034	0,324	0,001	0,009	0,060	FALSE
0,125	0,309	0,004	0,008	0,184	FALSE
0,068	0,302	0,002	0,012	0,066	FALSE
0,011	0,291	0,001	0,011	0,022	FALSE
0,000	0,318	0,000	0,007	0,013	FALSE
-0,031	0,302	-0,002	0,013	0,071	FALSE
0,055	0,302	0,001	0,011	0,039	FALSE
-0,030	0,307	0,000	0,008	0,019	FALSE
0,034	0,316	0,002	0,012	0,049	FALSE
-0,007	0,301	0,000	0,013	0,005	FALSE
0,051	0,299	0,001	0,011	0,039	FALSE
0,071	0,301	0,002	0,012	0,062	FALSE
0,000	0,315	0,000	0,007	0,019	FALSE
0,092	0,301	0,003	0,012	0,080	FALSE
-0,093	0,314	-0,003	0,010	0,119	FALSE
-0,113	0,293	-0,004	0,012	0,125	FALSE
0,136	0,305	0,003	0,006	0,184	FALSE
-0,003	0,306	-0,001	0,012	0,028	FALSE
0,086	0,318	0,003	0,010	0,102	FALSE
0,041	0,303	0,001	0,013	0,041	FALSE
0,018	0,296	0,000	0,012	0,002	FALSE
0,013	0,322	0,001	0,008	0,026	FALSE
0,105	0,288	0,002	0,007	0,124	FALSE
0,067	0,311	0,002	0,007	0,088	FALSE
0,104	0,304	0,002	0,007	0,124	FALSE
-0,106	0,315	-0,003	0,009	0,125	FALSE
-0,090	0,323	-0,001	0,007	0,070	FALSE
0,099	0,311	0,003	0,008	0,125	FALSE
-0,015	0,310	0,000	0,007	0,009	FALSE
-0,024	0,300	-0,001	0,011	0,037	FALSE
-0,046	0,320	-0,001	0,006	0,035	FALSE
-0,006	0,295	0,000	0,006	0,020	FALSE
-0,040	0,309	-0,002	0,012	0,057	FALSE
0,089	0,317	0,003	0,009	0,120	FALSE
-0,017	0,312	-0,001	0,010	0,033	FALSE
-0,061	0,300	-0,002	0,011	0,078	FALSE
-0,002	0,300	0,000	0,006	0,007	FALSE
-0,086	0,303	-0,003	0,009	0,129	FALSE
-0,006	0,309	0,000	0,009	0,004	FALSE
0,158	0,308	0,004	0,007	0,225	FALSE
-0,053	0,321	-0,002	0,012	0,064	FALSE
-0,104	0,299	-0,005	0,013	0,175	FALSE
-0,145	0,310	-0,004	0,010	0,176	FALSE
-0,191	0,288	-0,006	0,010	0,265	FALSE
-0,059	0,299	-0,002	0,012	0,070	FALSE

-0,061	0,311	-0,003	0,012	0,082	FALSE
0,031	0,310	0,001	0,008	0,030	FALSE
0,088	0,310	0,002	0,007	0,122	FALSE
0,044	0,301	0,001	0,009	0,056	FALSE
-0,020	0,301	-0,001	0,008	0,030	FALSE
0,036	0,310	0,001	0,008	0,026	FALSE
0,109	0,305	0,003	0,008	0,166	FALSE
-0,120	0,311	-0,005	0,013	0,166	FALSE
0,009	0,309	0,001	0,013	0,015	FALSE
-0,100	0,302	-0,003	0,009	0,124	FALSE
-0,061	0,304	-0,002	0,008	0,093	FALSE
0,010	0,296	0,001	0,007	0,026	FALSE
-0,010	0,304	0,000	0,012	0,003	FALSE
-0,045	0,310	-0,002	0,012	0,052	FALSE
-0,007	0,312	0,000	0,007	0,003	FALSE
-0,025	0,310	-0,001	0,010	0,030	FALSE
-0,056	0,299	-0,002	0,008	0,087	FALSE
-0,084	0,299	-0,003	0,008	0,129	FALSE
-0,112	0,297	-0,003	0,010	0,131	FALSE
0,183	0,292	0,008	0,012	0,271	FALSE
-0,056	0,311	-0,002	0,009	0,068	FALSE
-0,099	0,299	-0,002	0,006	0,106	FALSE
0,121	0,315	0,005	0,012	0,184	FALSE
-0,062	0,324	-0,001	0,008	0,063	FALSE
0,024	0,306	0,001	0,007	0,027	FALSE
0,022	0,321	0,001	0,011	0,042	FALSE
0,019	0,311	0,000	0,010	0,018	FALSE
-0,063	0,310	-0,001	0,006	0,053	FALSE
0,000	0,309	0,001	0,010	0,017	FALSE
-0,005	0,319	0,000	0,008	0,002	FALSE
0,152	0,306	0,003	0,007	0,199	FALSE
-0,031	0,314	-0,001	0,010	0,025	FALSE
-0,043	0,309	-0,001	0,009	0,048	FALSE
0,014	0,317	0,001	0,013	0,025	FALSE
0,047	0,300	0,003	0,012	0,090	FALSE
-0,117	0,312	-0,004	0,011	0,152	FALSE
-0,016	0,314	0,000	0,007	0,026	FALSE
0,039	0,309	0,002	0,012	0,049	FALSE
0,032	0,299	0,002	0,011	0,055	FALSE
0,016	0,308	0,001	0,012	0,031	FALSE
0,030	0,304	0,001	0,006	0,053	FALSE
-0,018	0,311	-0,001	0,011	0,023	FALSE
-0,018	0,307	-0,001	0,007	0,034	FALSE
0,001	0,307	0,000	0,012	0,013	FALSE
0,017	0,319	0,000	0,012	0,004	FALSE
-0,007	0,289	0,000	0,011	0,008	FALSE
-0,123	0,302	-0,004	0,012	0,141	FALSE
-0,159	0,303	-0,006	0,011	0,217	FALSE
-0,053	0,308	-0,003	0,013	0,075	FALSE
0,025	0,298	0,002	0,012	0,051	FALSE
0,069	0,294	0,001	0,006	0,063	FALSE
-0,031	0,310	0,000	0,008	0,018	FALSE
-0,018	0,307	0,000	0,009	0,007	FALSE

-0,013	0,316	0,000	0,006	0,009	FALSE
-0,003	0,300	0,000	0,010	0,012	FALSE
-0,012	0,302	-0,001	0,012	0,029	FALSE
-0,192	0,312	-0,004	0,007	0,285	FALSE
-0,016	0,306	0,000	0,006	0,026	FALSE
-0,180	0,305	-0,004	0,006	0,252	FALSE
-0,061	0,302	-0,001	0,006	0,072	FALSE
-0,143	0,297	-0,005	0,012	0,170	FALSE
0,027	0,312	0,001	0,008	0,052	FALSE
0,044	0,308	0,002	0,012	0,054	FALSE
0,080	0,315	0,003	0,013	0,097	FALSE
0,082	0,304	0,002	0,009	0,098	FALSE
0,076	0,301	0,003	0,010	0,107	FALSE
-0,051	0,312	-0,002	0,013	0,055	FALSE
0,219	0,301	0,006	0,008	0,320	FALSE
0,142	0,305	0,004	0,009	0,186	FALSE
0,027	0,310	0,001	0,010	0,033	FALSE
0,038	0,304	0,002	0,009	0,072	FALSE
-0,002	0,313	0,000	0,009	0,001	FALSE
-0,057	0,304	-0,002	0,011	0,068	FALSE
-0,085	0,308	-0,002	0,008	0,093	FALSE
0,145	0,316	0,004	0,009	0,175	FALSE
-0,008	0,293	0,001	0,012	0,020	FALSE
0,072	0,306	0,002	0,010	0,095	FALSE
-0,073	0,311	-0,002	0,009	0,094	FALSE
-0,061	0,315	-0,001	0,009	0,053	FALSE
0,002	0,308	0,000	0,008	0,010	FALSE
-0,054	0,304	-0,003	0,012	0,084	FALSE
-0,092	0,311	-0,002	0,007	0,128	FALSE
-0,004	0,301	0,000	0,012	0,006	FALSE
-0,116	0,295	-0,006	0,013	0,195	FALSE
-0,105	0,311	-0,002	0,007	0,144	FALSE
-0,145	0,291	-0,004	0,009	0,174	FALSE
0,013	0,303	0,001	0,009	0,046	FALSE
0,017	0,314	0,000	0,013	0,007	FALSE
-0,053	0,308	-0,001	0,009	0,045	FALSE
-0,056	0,292	-0,001	0,009	0,041	FALSE
-0,043	0,309	-0,001	0,009	0,023	FALSE
0,034	0,309	0,001	0,011	0,047	FALSE
-0,054	0,307	-0,001	0,007	0,071	FALSE
0,078	0,300	0,003	0,011	0,107	FALSE
0,074	0,308	0,003	0,013	0,099	FALSE
0,077	0,309	0,002	0,008	0,082	FALSE
0,090	0,304	0,002	0,008	0,092	FALSE
0,044	0,306	0,001	0,006	0,045	FALSE
0,019	0,293	0,001	0,008	0,038	FALSE
0,026	0,298	0,002	0,011	0,053	FALSE
0,184	0,299	0,005	0,008	0,280	FALSE
0,082	0,305	0,002	0,008	0,089	FALSE
-0,100	0,309	-0,002	0,007	0,135	FALSE
0,019	0,298	0,001	0,006	0,028	FALSE
-0,014	0,299	0,000	0,007	0,023	FALSE
0,011	0,306	0,000	0,008	0,015	FALSE

0,046	0,314	0,001	0,007	0,052	FALSE
-0,001	0,313	0,000	0,008	0,001	FALSE
-0,020	0,317	-0,001	0,010	0,021	FALSE
0,039	0,309	0,001	0,006	0,061	FALSE
0,048	0,295	0,001	0,009	0,053	FALSE
0,094	0,300	0,003	0,010	0,103	FALSE
-0,059	0,308	-0,002	0,008	0,109	FALSE
-0,063	0,322	-0,002	0,008	0,099	FALSE
-0,023	0,303	-0,001	0,009	0,044	FALSE
-0,062	0,302	-0,003	0,008	0,119	FALSE
0,087	0,311	0,004	0,012	0,119	FALSE
0,057	0,309	0,002	0,009	0,079	FALSE
0,062	0,312	0,003	0,012	0,084	FALSE
-0,105	0,301	-0,004	0,011	0,128	FALSE
-0,056	0,300	-0,002	0,011	0,065	FALSE
0,111	0,323	0,004	0,013	0,110	FALSE
0,050	0,318	0,001	0,012	0,038	FALSE
-0,025	0,302	-0,001	0,012	0,017	FALSE
0,069	0,300	0,002	0,007	0,088	FALSE
-0,036	0,311	-0,001	0,008	0,062	FALSE
0,132	0,297	0,002	0,007	0,142	FALSE
-0,070	0,283	-0,002	0,007	0,110	FALSE
0,052	0,302	0,001	0,006	0,066	FALSE
-0,023	0,305	-0,001	0,012	0,027	FALSE
0,059	0,310	0,001	0,007	0,072	FALSE
-0,088	0,293	-0,003	0,011	0,126	FALSE
-0,110	0,307	-0,005	0,013	0,160	FALSE
-0,135	0,319	-0,003	0,007	0,190	FALSE
-0,136	0,312	-0,003	0,007	0,163	FALSE
-0,144	0,299	-0,005	0,009	0,220	FALSE
0,002	0,295	0,000	0,011	0,004	FALSE
0,014	0,303	0,001	0,011	0,021	FALSE
0,024	0,301	-0,001	0,012	0,020	FALSE
0,017	0,311	0,002	0,013	0,044	FALSE
0,008	0,299	0,000	0,007	0,002	FALSE
-0,057	0,308	-0,002	0,011	0,063	FALSE
-0,034	0,313	-0,001	0,012	0,043	FALSE
-0,084	0,299	-0,002	0,007	0,090	FALSE
-0,041	0,312	-0,002	0,010	0,070	FALSE
-0,024	0,304	-0,001	0,007	0,056	FALSE
0,145	0,312	0,004	0,009	0,190	FALSE
-0,034	0,313	0,000	0,011	0,008	FALSE
-0,026	0,309	-0,001	0,010	0,047	FALSE
-0,013	0,297	0,000	0,007	0,007	FALSE
-0,109	0,291	-0,005	0,012	0,160	FALSE
-0,113	0,306	-0,003	0,009	0,121	FALSE
-0,047	0,302	-0,002	0,011	0,074	FALSE
-0,004	0,306	0,000	0,011	0,003	FALSE
0,057	0,312	0,001	0,007	0,069	FALSE
0,058	0,303	0,003	0,013	0,083	FALSE
0,109	0,305	0,004	0,008	0,174	FALSE
0,027	0,306	0,000	0,012	0,012	FALSE
-0,067	0,283	-0,002	0,010	0,092	FALSE

0,059	0,304	0,002	0,010	0,078	FALSE
-0,047	0,291	-0,001	0,009	0,047	FALSE
0,056	0,290	0,002	0,012	0,079	FALSE
0,091	0,308	0,002	0,007	0,107	FALSE
0,026	0,299	0,002	0,009	0,078	FALSE
0,020	0,309	0,000	0,007	0,013	FALSE
0,045	0,315	0,001	0,006	0,034	FALSE
0,039	0,311	0,002	0,009	0,075	FALSE
0,065	0,326	0,003	0,010	0,106	FALSE
-0,095	0,307	-0,003	0,011	0,095	FALSE
0,038	0,306	0,000	0,007	0,018	FALSE
0,122	0,308	0,005	0,010	0,187	FALSE
-0,107	0,293	-0,004	0,012	0,126	FALSE
0,090	0,298	0,004	0,011	0,132	FALSE
0,050	0,302	0,002	0,012	0,069	FALSE
0,027	0,304	0,001	0,012	0,022	FALSE
0,061	0,295	0,002	0,009	0,061	FALSE
0,023	0,309	0,000	0,007	0,024	FALSE
0,100	0,308	0,005	0,013	0,152	FALSE
-0,043	0,324	-0,001	0,010	0,040	FALSE
0,170	0,307	0,004	0,008	0,233	FALSE
-0,070	0,293	-0,001	0,007	0,077	FALSE
-0,016	0,310	-0,001	0,013	0,031	FALSE
0,007	0,318	0,001	0,010	0,030	FALSE
-0,159	0,305	-0,004	0,008	0,229	FALSE
-0,130	0,306	-0,004	0,010	0,163	FALSE
0,047	0,323	0,002	0,013	0,056	FALSE
0,000	0,301	-0,001	0,010	0,021	FALSE
0,073	0,298	0,002	0,006	0,098	FALSE
0,009	0,320	0,000	0,012	0,008	FALSE
0,020	0,303	0,000	0,010	0,003	FALSE
0,017	0,315	0,000	0,008	0,016	FALSE
0,065	0,299	0,002	0,012	0,067	FALSE
-0,040	0,297	-0,001	0,010	0,045	FALSE
0,044	0,299	0,001	0,006	0,076	FALSE
0,074	0,317	0,001	0,007	0,080	FALSE
0,033	0,293	0,001	0,007	0,064	FALSE
-0,016	0,280	-0,001	0,008	0,035	FALSE
-0,053	0,311	-0,002	0,011	0,050	FALSE
-0,079	0,304	-0,002	0,007	0,129	FALSE
-0,011	0,312	-0,001	0,011	0,021	FALSE
-0,041	0,309	-0,002	0,009	0,063	FALSE
0,105	0,295	0,002	0,007	0,121	FALSE
0,099	0,307	0,003	0,009	0,115	FALSE
-0,043	0,310	-0,001	0,007	0,068	FALSE
-0,085	0,302	-0,004	0,013	0,128	FALSE
0,087	0,308	0,001	0,006	0,082	FALSE
-0,091	0,317	-0,005	0,013	0,138	FALSE
0,061	0,315	0,002	0,009	0,099	FALSE
-0,117	0,291	-0,005	0,012	0,159	FALSE
0,052	0,305	0,002	0,012	0,050	FALSE
-0,111	0,316	-0,004	0,011	0,155	FALSE
0,034	0,308	0,001	0,007	0,064	FALSE

-0,079	0,293	-0,003	0,011	0,102	FALSE
0,065	0,310	0,002	0,012	0,074	FALSE
-0,116	0,304	-0,003	0,011	0,126	FALSE
-0,017	0,300	-0,001	0,012	0,027	FALSE
0,017	0,316	0,001	0,013	0,018	FALSE
-0,090	0,308	-0,003	0,010	0,103	FALSE
0,021	0,299	0,001	0,012	0,023	FALSE
0,009	0,314	0,000	0,012	0,008	FALSE
0,007	0,303	0,000	0,012	0,010	FALSE
0,023	0,303	0,001	0,012	0,036	FALSE
-0,111	0,301	-0,005	0,011	0,179	FALSE
-0,023	0,306	-0,001	0,008	0,033	FALSE
0,170	0,307	0,005	0,010	0,240	FALSE
0,171	0,297	0,005	0,009	0,244	FALSE
0,097	0,305	0,004	0,011	0,146	FALSE
0,119	0,301	0,004	0,010	0,185	FALSE
-0,087	0,302	-0,003	0,011	0,096	FALSE
-0,071	0,302	-0,002	0,010	0,063	FALSE
0,050	0,313	0,001	0,013	0,042	FALSE
0,007	0,306	-0,001	0,013	0,016	FALSE
-0,013	0,307	0,000	0,007	0,009	FALSE
0,034	0,314	0,001	0,010	0,048	FALSE
-0,018	0,305	0,000	0,012	0,003	FALSE
0,081	0,316	0,003	0,012	0,087	FALSE
0,026	0,316	0,001	0,012	0,042	FALSE
0,012	0,294	0,001	0,010	0,047	FALSE
-0,068	0,302	-0,002	0,009	0,086	FALSE
-0,094	0,309	-0,003	0,009	0,108	FALSE
0,080	0,309	0,002	0,008	0,089	FALSE
0,143	0,293	0,003	0,008	0,165	FALSE
0,111	0,291	0,005	0,010	0,206	FALSE
0,013	0,312	0,001	0,008	0,024	FALSE
-0,143	0,304	-0,004	0,008	0,227	FALSE
-0,054	0,310	-0,002	0,009	0,085	FALSE
-0,142	0,302	-0,004	0,009	0,214	FALSE
0,000	0,313	0,000	0,009	0,003	FALSE
0,008	0,311	0,000	0,009	0,008	FALSE
-0,048	0,303	-0,002	0,012	0,051	FALSE
-0,042	0,307	-0,001	0,010	0,042	FALSE
0,033	0,297	0,001	0,009	0,025	FALSE
0,098	0,293	0,003	0,012	0,108	FALSE
-0,067	0,299	-0,001	0,006	0,075	FALSE
0,001	0,303	0,001	0,012	0,044	FALSE
-0,074	0,307	-0,003	0,010	0,116	FALSE
0,005	0,311	0,000	0,008	0,002	FALSE
-0,066	0,319	-0,003	0,013	0,075	FALSE
0,015	0,317	0,000	0,008	0,019	FALSE
-0,003	0,303	0,000	0,008	0,008	FALSE
-0,031	0,308	0,000	0,007	0,002	FALSE
-0,047	0,309	-0,001	0,012	0,033	FALSE
0,145	0,321	0,004	0,008	0,194	FALSE
0,008	0,323	0,000	0,011	0,004	FALSE
0,132	0,296	0,003	0,007	0,159	FALSE

-0,067	0,302	-0,001	0,007	0,050	FALSE
-0,073	0,301	-0,001	0,007	0,081	FALSE
0,005	0,290	0,000	0,012	0,013	FALSE
-0,111	0,314	-0,003	0,008	0,163	FALSE
-0,002	0,312	-0,001	0,010	0,025	FALSE
-0,081	0,310	-0,001	0,008	0,068	FALSE
0,011	0,303	0,000	0,006	0,006	FALSE
0,007	0,293	0,000	0,011	0,003	FALSE
0,029	0,311	0,001	0,011	0,024	FALSE
0,042	0,302	0,001	0,009	0,054	FALSE
-0,088	0,304	-0,004	0,013	0,124	FALSE
0,025	0,302	0,001	0,008	0,029	FALSE
0,079	0,296	0,003	0,010	0,106	FALSE
-0,049	0,318	-0,002	0,008	0,072	FALSE
-0,020	0,306	-0,001	0,013	0,026	FALSE
0,006	0,317	0,001	0,011	0,020	FALSE
0,171	0,305	0,006	0,011	0,233	FALSE
-0,047	0,318	-0,002	0,011	0,062	FALSE
0,003	0,322	0,000	0,012	0,000	FALSE
0,002	0,308	0,000	0,011	0,008	FALSE
0,087	0,309	0,003	0,012	0,105	FALSE
-0,010	0,311	-0,001	0,011	0,018	FALSE
-0,034	0,303	-0,001	0,009	0,058	FALSE
0,075	0,312	0,002	0,009	0,082	FALSE
-0,075	0,313	-0,003	0,012	0,110	FALSE
-0,047	0,310	-0,001	0,010	0,045	FALSE
0,114	0,301	0,005	0,012	0,170	FALSE
0,090	0,309	0,003	0,010	0,110	FALSE
-0,088	0,304	-0,004	0,012	0,132	FALSE
0,115	0,297	0,002	0,006	0,151	FALSE
-0,014	0,309	0,000	0,006	0,013	FALSE
0,211	0,302	0,009	0,013	0,310	FALSE
0,027	0,307	0,001	0,007	0,045	FALSE
-0,099	0,308	-0,002	0,007	0,101	FALSE
-0,054	0,293	-0,002	0,012	0,074	FALSE
0,083	0,314	0,004	0,013	0,120	FALSE
-0,022	0,310	-0,001	0,009	0,020	FALSE
0,168	0,306	0,004	0,007	0,225	FALSE
0,015	0,312	0,000	0,008	0,004	FALSE
0,032	0,315	0,001	0,008	0,037	FALSE
-0,042	0,306	-0,001	0,009	0,032	FALSE
0,005	0,312	0,000	0,009	0,015	FALSE
-0,027	0,316	-0,001	0,012	0,029	FALSE
-0,062	0,302	-0,002	0,009	0,071	FALSE
0,039	0,308	0,001	0,013	0,023	FALSE
0,035	0,309	0,001	0,007	0,064	FALSE
-0,021	0,318	-0,001	0,007	0,027	FALSE
0,008	0,304	0,001	0,008	0,032	FALSE
0,031	0,296	0,000	0,007	0,013	FALSE
0,026	0,312	0,000	0,007	0,000	FALSE
0,007	0,306	0,001	0,008	0,042	FALSE
0,009	0,311	0,000	0,012	0,002	FALSE
-0,088	0,321	-0,003	0,010	0,125	FALSE

-0,073	0,314	-0,003	0,009	0,121	FALSE
0,047	0,303	0,002	0,012	0,051	FALSE
0,025	0,306	0,000	0,012	0,015	FALSE
-0,092	0,299	-0,005	0,012	0,167	FALSE
0,067	0,306	0,003	0,009	0,117	FALSE
-0,021	0,312	-0,001	0,013	0,026	FALSE
-0,023	0,316	0,000	0,012	0,008	FALSE
0,055	0,294	0,001	0,010	0,048	FALSE
-0,023	0,301	0,000	0,011	0,014	FALSE
-0,005	0,302	0,001	0,009	0,020	FALSE
0,038	0,311	0,001	0,007	0,058	FALSE
-0,038	0,310	-0,001	0,007	0,041	FALSE
0,130	0,310	0,003	0,007	0,185	FALSE
0,103	0,295	0,003	0,006	0,163	FALSE
-0,005	0,299	0,000	0,013	0,003	FALSE
-0,039	0,308	-0,002	0,012	0,048	FALSE
0,013	0,307	0,001	0,012	0,020	FALSE
0,007	0,303	0,001	0,011	0,019	FALSE
-0,033	0,310	-0,001	0,007	0,048	FALSE
0,046	0,326	0,001	0,007	0,066	FALSE
-0,017	0,309	-0,001	0,009	0,027	FALSE
-0,074	0,295	-0,002	0,008	0,089	FALSE
-0,004	0,309	0,001	0,013	0,014	FALSE
-0,033	0,305	0,000	0,010	0,016	FALSE
-0,004	0,310	-0,001	0,008	0,027	FALSE
0,161	0,296	0,004	0,008	0,254	FALSE
-0,047	0,312	-0,001	0,010	0,036	FALSE
0,019	0,307	0,001	0,013	0,018	FALSE
-0,027	0,303	-0,001	0,007	0,034	FALSE
-0,056	0,291	-0,001	0,011	0,036	FALSE
0,009	0,305	0,000	0,006	0,011	FALSE
0,023	0,310	0,001	0,008	0,026	FALSE
-0,019	0,308	0,000	0,007	0,002	FALSE
-0,018	0,310	0,000	0,009	0,002	FALSE
0,026	0,311	0,001	0,010	0,045	FALSE
0,080	0,307	0,003	0,010	0,111	FALSE
0,058	0,312	0,003	0,013	0,084	FALSE
0,145	0,303	0,004	0,009	0,184	FALSE
0,109	0,309	0,003	0,007	0,160	FALSE
0,071	0,316	0,002	0,008	0,081	FALSE
0,080	0,304	0,003	0,010	0,113	FALSE
0,058	0,304	0,003	0,010	0,099	FALSE
0,022	0,315	0,000	0,012	0,010	FALSE
-0,102	0,301	-0,003	0,009	0,138	FALSE
-0,047	0,301	-0,001	0,009	0,032	FALSE
0,024	0,301	0,001	0,007	0,027	FALSE
0,031	0,309	0,001	0,007	0,033	FALSE
-0,033	0,301	-0,001	0,006	0,067	FALSE
0,075	0,313	0,002	0,008	0,085	FALSE
-0,046	0,311	-0,002	0,010	0,063	FALSE
-0,002	0,302	0,000	0,008	0,000	FALSE
0,127	0,306	0,005	0,013	0,168	FALSE
0,036	0,299	0,001	0,011	0,022	FALSE

0,008	0,328	0,000	0,009	0,002	FALSE
0,093	0,299	0,004	0,012	0,122	FALSE
-0,095	0,298	-0,003	0,011	0,114	FALSE
-0,132	0,310	-0,003	0,007	0,199	FALSE
-0,116	0,308	-0,003	0,008	0,150	FALSE
0,094	0,304	0,004	0,013	0,117	FALSE
-0,107	0,296	-0,005	0,012	0,156	FALSE
-0,139	0,286	-0,005	0,009	0,208	FALSE
-0,160	0,295	-0,005	0,009	0,235	FALSE
0,024	0,284	0,001	0,007	0,041	FALSE
-0,045	0,304	-0,001	0,011	0,046	FALSE
0,163	0,302	0,004	0,008	0,232	FALSE
0,127	0,308	0,003	0,007	0,178	FALSE
-0,034	0,308	-0,001	0,011	0,042	FALSE
-0,122	0,301	-0,003	0,007	0,153	FALSE
0,124	0,297	0,004	0,010	0,170	FALSE
0,001	0,313	0,001	0,010	0,022	FALSE
-0,101	0,289	-0,003	0,012	0,103	FALSE
0,020	0,282	0,000	0,007	0,000	FALSE
0,057	0,300	0,002	0,012	0,046	FALSE
0,088	0,300	0,003	0,011	0,117	FALSE
0,003	0,307	0,000	0,007	0,011	FALSE
-0,022	0,308	0,000	0,007	0,021	FALSE
0,000	0,320	0,000	0,013	0,001	FALSE
0,038	0,311	0,001	0,007	0,036	FALSE
0,035	0,297	0,002	0,011	0,052	FALSE
0,074	0,309	0,001	0,007	0,074	FALSE
0,075	0,296	0,002	0,007	0,083	FALSE
-0,079	0,309	-0,003	0,009	0,111	FALSE
0,088	0,309	0,005	0,012	0,151	FALSE
-0,118	0,290	-0,005	0,011	0,182	FALSE
0,201	0,301	0,005	0,007	0,302	FALSE
0,121	0,301	0,003	0,007	0,147	FALSE
-0,018	0,300	0,000	0,008	0,011	FALSE
0,052	0,315	0,003	0,013	0,085	FALSE
-0,048	0,318	-0,001	0,007	0,054	FALSE
0,035	0,316	0,001	0,007	0,058	FALSE
-0,011	0,309	0,000	0,006	0,010	FALSE
0,133	0,282	0,004	0,011	0,144	FALSE
-0,049	0,326	-0,001	0,012	0,046	FALSE
-0,042	0,305	-0,001	0,009	0,032	FALSE
0,004	0,308	0,001	0,008	0,041	FALSE
0,019	0,321	0,001	0,009	0,041	FALSE
-0,014	0,314	0,000	0,009	0,020	FALSE
0,007	0,305	0,000	0,008	0,009	FALSE
-0,070	0,296	-0,002	0,007	0,090	FALSE
-0,036	0,306	-0,001	0,012	0,026	FALSE
0,046	0,323	0,001	0,010	0,046	FALSE
-0,075	0,301	-0,002	0,007	0,085	FALSE
0,104	0,301	0,003	0,010	0,132	FALSE
0,010	0,306	0,001	0,008	0,037	FALSE
-0,043	0,299	-0,001	0,007	0,052	FALSE
-0,099	0,316	-0,003	0,009	0,113	FALSE

0,020	0,323	0,001	0,013	0,020	FALSE
-0,044	0,312	-0,001	0,009	0,046	FALSE
-0,060	0,318	-0,002	0,012	0,073	FALSE
0,213	0,292	0,004	0,006	0,332	FALSE
-0,116	0,306	-0,004	0,011	0,150	FALSE
-0,018	0,317	0,000	0,011	0,000	FALSE
-0,020	0,310	-0,001	0,011	0,048	FALSE
-0,038	0,304	-0,001	0,009	0,061	FALSE
-0,002	0,305	0,000	0,007	0,006	FALSE
0,163	0,295	0,006	0,009	0,280	FALSE
0,007	0,317	0,000	0,013	0,002	FALSE
0,025	0,314	0,001	0,007	0,046	FALSE
0,034	0,305	0,001	0,007	0,057	FALSE
0,037	0,306	0,001	0,007	0,042	FALSE
0,108	0,308	0,003	0,009	0,118	FALSE
-0,071	0,322	-0,002	0,008	0,074	FALSE
-0,040	0,293	-0,002	0,012	0,075	FALSE
0,041	0,300	0,001	0,010	0,049	FALSE
0,046	0,314	0,002	0,010	0,061	FALSE
0,026	0,314	0,001	0,010	0,030	FALSE
-0,033	0,311	-0,001	0,008	0,032	FALSE
0,014	0,303	0,000	0,013	0,001	FALSE
0,004	0,308	-0,001	0,013	0,016	FALSE
0,047	0,317	0,001	0,009	0,050	FALSE
0,048	0,310	0,001	0,007	0,052	FALSE
0,067	0,312	0,002	0,011	0,082	FALSE
0,024	0,300	0,001	0,008	0,039	FALSE
0,111	0,307	0,005	0,013	0,174	FALSE
-0,109	0,300	-0,003	0,009	0,152	FALSE
-0,142	0,300	-0,003	0,008	0,170	FALSE
-0,015	0,314	-0,001	0,013	0,039	FALSE
-0,070	0,296	-0,004	0,012	0,124	FALSE
-0,090	0,293	-0,005	0,012	0,153	FALSE
0,113	0,333	0,003	0,009	0,152	FALSE
0,089	0,310	0,002	0,010	0,089	FALSE
-0,038	0,304	-0,001	0,007	0,043	FALSE
-0,114	0,306	-0,003	0,009	0,148	FALSE
0,106	0,304	0,004	0,010	0,158	FALSE
0,033	0,315	0,001	0,009	0,044	FALSE
-0,131	0,308	-0,004	0,009	0,163	FALSE
-0,047	0,315	-0,001	0,012	0,043	FALSE
0,050	0,318	0,001	0,009	0,059	FALSE
0,061	0,301	0,002	0,012	0,077	FALSE
0,035	0,313	0,002	0,011	0,057	FALSE
0,044	0,321	0,001	0,010	0,048	FALSE
0,029	0,307	0,001	0,008	0,022	FALSE
-0,033	0,289	-0,001	0,010	0,051	FALSE
0,036	0,285	0,001	0,011	0,037	FALSE
0,001	0,299	0,000	0,008	0,019	FALSE
-0,044	0,304	-0,001	0,009	0,041	FALSE
0,072	0,302	0,002	0,007	0,107	FALSE
-0,024	0,313	-0,001	0,008	0,036	FALSE
0,061	0,290	0,002	0,010	0,096	FALSE

-0,004	0,309	0,000	0,008	0,006	FALSE
0,079	0,295	0,002	0,008	0,104	FALSE
0,196	0,303	0,004	0,007	0,266	FALSE
-0,031	0,297	0,000	0,009	0,013	FALSE
-0,100	0,310	-0,004	0,010	0,152	FALSE
0,003	0,298	0,000	0,006	0,015	FALSE
-0,039	0,306	-0,001	0,008	0,025	FALSE
0,009	0,298	0,002	0,012	0,050	FALSE
-0,153	0,317	-0,003	0,006	0,199	FALSE
0,005	0,310	0,000	0,012	0,011	FALSE
-0,046	0,304	-0,001	0,006	0,059	FALSE
-0,064	0,307	-0,002	0,007	0,090	FALSE
-0,043	0,301	-0,001	0,006	0,045	FALSE
0,031	0,309	0,002	0,013	0,059	FALSE
0,006	0,313	-0,001	0,012	0,017	FALSE
-0,073	0,308	-0,002	0,009	0,107	FALSE
-0,004	0,307	-0,001	0,012	0,038	FALSE
-0,001	0,317	0,000	0,009	0,019	FALSE
0,029	0,304	0,001	0,008	0,055	FALSE
0,030	0,306	0,001	0,006	0,050	FALSE
0,018	0,316	0,001	0,011	0,023	FALSE
-0,043	0,313	0,000	0,009	0,019	FALSE
-0,048	0,290	-0,002	0,010	0,071	FALSE
0,001	0,319	0,001	0,009	0,027	FALSE
-0,033	0,316	-0,001	0,013	0,029	FALSE
0,010	0,312	0,001	0,006	0,029	FALSE
-0,089	0,304	-0,002	0,008	0,102	FALSE
0,029	0,310	0,000	0,012	0,009	FALSE
-0,063	0,307	-0,001	0,008	0,064	FALSE
0,127	0,302	0,002	0,006	0,166	FALSE
-0,132	0,287	-0,004	0,010	0,169	FALSE
-0,057	0,309	-0,003	0,010	0,100	FALSE
0,003	0,301	-0,002	0,013	0,043	FALSE
-0,117	0,313	-0,003	0,007	0,166	FALSE
-0,028	0,299	0,000	0,013	0,002	FALSE
0,077	0,299	0,002	0,009	0,080	FALSE
0,088	0,316	0,003	0,013	0,096	FALSE
-0,060	0,303	-0,001	0,012	0,038	FALSE
0,009	0,319	0,000	0,010	0,001	FALSE
0,101	0,315	0,002	0,007	0,119	FALSE
0,104	0,319	0,002	0,006	0,122	FALSE
-0,070	0,306	-0,003	0,010	0,110	FALSE
-0,064	0,300	-0,001	0,008	0,066	FALSE
-0,076	0,295	-0,002	0,008	0,086	FALSE
-0,082	0,298	-0,002	0,008	0,085	FALSE
0,242	0,283	0,009	0,010	0,427	FALSE
0,051	0,310	0,001	0,011	0,046	FALSE
-0,086	0,310	-0,002	0,008	0,087	FALSE
-0,028	0,310	-0,001	0,008	0,050	FALSE
-0,074	0,300	-0,001	0,008	0,054	FALSE
-0,021	0,287	0,000	0,007	0,018	FALSE
0,047	0,306	0,002	0,012	0,078	FALSE
-0,069	0,294	-0,001	0,007	0,057	FALSE

-0,007	0,302	0,000	0,008	0,013	FALSE
-0,128	0,302	-0,003	0,007	0,158	FALSE
0,154	0,301	0,006	0,011	0,245	FALSE
0,161	0,297	0,007	0,011	0,247	FALSE
-0,026	0,305	-0,001	0,007	0,050	FALSE
0,031	0,317	0,001	0,008	0,040	FALSE
0,029	0,310	0,000	0,012	0,011	FALSE
0,056	0,305	0,002	0,008	0,074	FALSE
0,045	0,309	0,001	0,007	0,048	FALSE
0,068	0,315	0,001	0,006	0,086	FALSE
0,011	0,313	0,000	0,011	0,003	FALSE
-0,005	0,317	-0,001	0,013	0,016	FALSE
-0,052	0,302	-0,003	0,012	0,089	FALSE
-0,011	0,312	-0,001	0,011	0,028	FALSE
-0,092	0,316	-0,002	0,007	0,108	FALSE
-0,031	0,295	-0,001	0,013	0,023	FALSE
-0,098	0,305	-0,002	0,008	0,113	FALSE
0,010	0,327	0,001	0,009	0,021	FALSE
0,106	0,310	0,004	0,009	0,152	FALSE
-0,064	0,309	-0,002	0,010	0,075	FALSE
-0,052	0,305	-0,002	0,010	0,071	FALSE
-0,098	0,313	-0,003	0,010	0,127	FALSE
-0,051	0,306	-0,002	0,010	0,075	FALSE
-0,024	0,304	-0,001	0,010	0,039	FALSE
-0,046	0,307	-0,001	0,010	0,054	FALSE
-0,067	0,315	-0,003	0,010	0,095	FALSE
0,085	0,308	0,003	0,011	0,119	FALSE
-0,143	0,310	-0,006	0,011	0,207	FALSE
-0,032	0,304	-0,001	0,011	0,035	FALSE
-0,029	0,293	-0,001	0,010	0,031	FALSE
0,117	0,303	0,004	0,010	0,162	FALSE
-0,089	0,320	-0,003	0,010	0,100	FALSE
-0,105	0,300	-0,003	0,007	0,158	FALSE
0,137	0,309	0,005	0,011	0,189	FALSE
0,081	0,300	0,003	0,013	0,103	FALSE
-0,164	0,303	-0,006	0,011	0,245	FALSE
-0,105	0,299	-0,003	0,009	0,160	FALSE
0,101	0,311	0,006	0,013	0,185	FALSE
-0,034	0,312	0,000	0,007	0,018	FALSE
0,126	0,314	0,004	0,008	0,227	FALSE
-0,081	0,305	-0,001	0,008	0,068	FALSE
-0,031	0,302	-0,001	0,012	0,034	FALSE
0,020	0,303	0,001	0,010	0,018	FALSE
-0,009	0,300	0,000	0,012	0,012	FALSE
0,095	0,288	0,002	0,008	0,100	FALSE
-0,021	0,303	-0,001	0,013	0,017	FALSE
-0,016	0,312	0,000	0,013	0,004	FALSE
-0,122	0,301	-0,003	0,007	0,150	FALSE
0,133	0,299	0,005	0,012	0,174	FALSE
-0,020	0,311	-0,001	0,006	0,048	FALSE
0,016	0,321	0,001	0,007	0,035	FALSE
0,002	0,314	0,000	0,013	0,007	FALSE
0,036	0,298	0,001	0,006	0,036	FALSE

0,110	0,309	0,004	0,010	0,146	FALSE
-0,042	0,327	-0,001	0,008	0,052	FALSE
-0,072	0,309	-0,002	0,008	0,083	FALSE
-0,018	0,323	-0,001	0,012	0,020	FALSE
-0,097	0,312	-0,002	0,007	0,105	FALSE
0,093	0,305	0,004	0,012	0,111	FALSE
-0,144	0,304	-0,004	0,007	0,229	FALSE
-0,011	0,304	0,000	0,012	0,003	FALSE
0,133	0,304	0,005	0,012	0,162	FALSE
0,012	0,302	0,001	0,013	0,029	FALSE
-0,114	0,298	-0,004	0,010	0,167	FALSE
-0,014	0,299	-0,001	0,008	0,042	FALSE
0,086	0,313	0,004	0,013	0,112	FALSE
-0,091	0,326	-0,004	0,011	0,129	FALSE
0,022	0,294	0,001	0,010	0,030	FALSE
0,050	0,305	0,001	0,010	0,048	FALSE
0,069	0,315	0,002	0,009	0,072	FALSE
-0,163	0,303	-0,004	0,008	0,210	FALSE
-0,141	0,301	-0,005	0,011	0,203	FALSE
-0,051	0,303	-0,002	0,009	0,067	FALSE
-0,177	0,317	-0,007	0,012	0,256	TRUE
-0,125	0,296	-0,006	0,013	0,178	FALSE
-0,042	0,303	-0,001	0,009	0,058	FALSE
-0,161	0,291	-0,006	0,011	0,232	FALSE
0,032	0,318	0,001	0,013	0,036	FALSE
0,041	0,309	0,000	0,008	0,020	FALSE
0,015	0,321	0,000	0,011	0,006	FALSE
0,021	0,302	0,000	0,009	0,017	FALSE
0,139	0,299	0,004	0,007	0,225	FALSE
-0,027	0,309	-0,001	0,007	0,039	FALSE
0,031	0,292	0,002	0,011	0,071	FALSE
0,043	0,308	0,001	0,009	0,044	FALSE
0,085	0,294	0,003	0,008	0,154	FALSE
-0,130	0,299	-0,005	0,011	0,196	FALSE
0,131	0,309	0,006	0,013	0,189	FALSE
0,211	0,291	0,005	0,007	0,309	FALSE
-0,039	0,300	0,000	0,007	0,011	FALSE
-0,017	0,320	0,000	0,007	0,011	FALSE
-0,011	0,304	-0,001	0,013	0,031	FALSE
-0,060	0,317	-0,002	0,012	0,057	FALSE
0,100	0,297	0,003	0,011	0,113	FALSE
-0,019	0,319	-0,001	0,010	0,032	FALSE
-0,014	0,310	-0,001	0,010	0,026	FALSE
-0,020	0,300	-0,001	0,010	0,045	FALSE
-0,062	0,305	-0,002	0,011	0,069	FALSE
-0,028	0,314	-0,001	0,008	0,041	FALSE
-0,029	0,304	-0,001	0,008	0,039	FALSE
-0,003	0,315	-0,001	0,012	0,025	FALSE
-0,014	0,300	-0,001	0,009	0,025	FALSE
0,008	0,307	0,000	0,010	0,003	FALSE
0,124	0,308	0,002	0,007	0,143	FALSE
-0,028	0,305	-0,001	0,012	0,031	FALSE
-0,017	0,309	0,000	0,012	0,015	FALSE

-0,076	0,309	-0,002	0,011	0,074	FALSE
0,041	0,301	0,002	0,012	0,048	FALSE
0,089	0,314	0,004	0,013	0,132	FALSE
0,062	0,307	0,003	0,013	0,099	FALSE
-0,029	0,308	0,000	0,008	0,015	FALSE
-0,115	0,287	-0,002	0,006	0,130	FALSE
-0,013	0,303	0,000	0,010	0,005	FALSE
-0,015	0,307	0,000	0,007	0,010	FALSE
0,053	0,311	0,001	0,008	0,061	FALSE
-0,041	0,307	-0,002	0,011	0,062	FALSE
-0,090	0,320	-0,002	0,007	0,102	FALSE
0,082	0,313	0,004	0,013	0,116	FALSE
0,100	0,299	0,004	0,011	0,132	FALSE
0,018	0,300	0,000	0,013	0,005	FALSE
0,072	0,296	0,002	0,008	0,084	FALSE
-0,033	0,301	-0,001	0,009	0,019	FALSE
0,050	0,299	0,001	0,007	0,063	FALSE
-0,053	0,305	-0,001	0,006	0,043	FALSE
-0,052	0,299	-0,001	0,007	0,057	FALSE
-0,034	0,317	-0,002	0,012	0,049	FALSE
0,096	0,304	0,003	0,008	0,128	FALSE
0,083	0,304	0,003	0,011	0,117	FALSE
0,011	0,291	0,001	0,009	0,022	FALSE
0,097	0,312	0,002	0,006	0,125	FALSE
-0,052	0,325	-0,001	0,012	0,042	FALSE
0,078	0,314	0,002	0,007	0,099	FALSE
0,064	0,322	0,003	0,011	0,093	FALSE
-0,018	0,302	-0,001	0,011	0,027	FALSE
-0,057	0,314	-0,002	0,008	0,093	FALSE
0,020	0,312	0,000	0,008	0,014	FALSE
0,086	0,306	0,003	0,008	0,128	FALSE
0,136	0,310	0,003	0,007	0,176	FALSE
-0,060	0,314	-0,002	0,012	0,077	FALSE
0,067	0,298	0,002	0,011	0,063	FALSE
-0,036	0,309	-0,001	0,011	0,033	FALSE
-0,092	0,290	-0,003	0,008	0,142	FALSE
0,084	0,311	0,003	0,012	0,109	FALSE
0,130	0,305	0,004	0,008	0,197	FALSE
-0,046	0,307	-0,002	0,006	0,091	FALSE
-0,067	0,320	-0,001	0,007	0,065	FALSE
-0,043	0,325	0,000	0,013	0,013	FALSE
0,000	0,308	0,001	0,009	0,023	FALSE
-0,118	0,312	-0,004	0,009	0,174	FALSE
0,161	0,309	0,008	0,013	0,268	FALSE
-0,167	0,307	-0,005	0,009	0,239	FALSE
0,011	0,315	0,001	0,009	0,048	FALSE
-0,013	0,324	0,000	0,008	0,017	FALSE
-0,104	0,306	-0,004	0,012	0,148	FALSE
-0,073	0,302	-0,003	0,010	0,103	FALSE
0,068	0,302	0,003	0,012	0,083	FALSE
0,171	0,285	0,006	0,012	0,216	FALSE
-0,048	0,316	-0,001	0,009	0,055	FALSE
-0,043	0,318	-0,001	0,008	0,047	FALSE

-0,063	0,298	-0,002	0,012	0,062	FALSE
0,115	0,315	0,003	0,010	0,123	FALSE
-0,018	0,297	-0,002	0,013	0,054	FALSE
-0,095	0,304	-0,003	0,008	0,123	FALSE
-0,015	0,312	-0,001	0,009	0,021	FALSE
-0,021	0,301	0,000	0,008	0,020	FALSE
0,064	0,291	0,003	0,012	0,078	FALSE
-0,018	0,315	-0,001	0,012	0,025	FALSE
-0,156	0,296	-0,006	0,011	0,250	FALSE
0,176	0,301	0,007	0,010	0,278	FALSE
0,065	0,311	0,002	0,009	0,070	FALSE
0,025	0,303	0,000	0,007	0,005	FALSE
-0,023	0,308	-0,001	0,006	0,058	FALSE
0,045	0,314	0,001	0,007	0,065	FALSE
0,129	0,314	0,004	0,008	0,175	FALSE
0,166	0,315	0,004	0,008	0,236	FALSE
0,008	0,318	0,000	0,010	0,003	FALSE
0,067	0,321	0,001	0,007	0,066	FALSE
0,036	0,308	0,001	0,007	0,026	FALSE
0,155	0,318	0,006	0,012	0,195	FALSE
-0,023	0,299	-0,001	0,010	0,048	FALSE
0,024	0,312	0,000	0,008	0,022	FALSE
0,123	0,304	0,005	0,013	0,152	FALSE
0,015	0,295	0,001	0,008	0,029	FALSE
0,162	0,303	0,004	0,008	0,228	FALSE
-0,181	0,307	-0,004	0,007	0,221	FALSE
-0,006	0,303	-0,001	0,012	0,019	FALSE
0,160	0,309	0,004	0,007	0,221	FALSE
0,147	0,306	0,004	0,007	0,222	FALSE
0,128	0,296	0,004	0,009	0,186	FALSE
0,138	0,302	0,004	0,008	0,205	FALSE
-0,004	0,291	-0,001	0,008	0,031	FALSE
0,022	0,304	0,000	0,007	0,007	FALSE
0,027	0,309	0,000	0,007	0,012	FALSE
0,027	0,317	0,001	0,008	0,022	FALSE
0,066	0,301	0,002	0,006	0,125	FALSE
-0,020	0,305	0,000	0,008	0,008	FALSE
-0,076	0,298	-0,003	0,009	0,110	FALSE
0,098	0,320	0,003	0,010	0,113	FALSE
0,023	0,305	0,001	0,007	0,029	FALSE
-0,176	0,307	-0,004	0,007	0,224	FALSE
0,147	0,293	0,005	0,008	0,249	FALSE
-0,081	0,303	-0,003	0,011	0,091	FALSE
0,095	0,306	0,002	0,008	0,089	FALSE
-0,034	0,321	-0,001	0,013	0,030	FALSE
0,060	0,304	0,001	0,008	0,067	FALSE
0,136	0,305	0,005	0,012	0,175	FALSE
0,096	0,316	0,004	0,012	0,121	FALSE
-0,094	0,297	-0,002	0,009	0,098	FALSE
0,031	0,316	0,001	0,011	0,041	FALSE
0,055	0,303	0,002	0,008	0,098	FALSE
-0,012	0,306	0,000	0,009	0,014	FALSE
-0,044	0,310	-0,001	0,007	0,049	FALSE

0,015	0,303	0,000	0,008	0,013	FALSE
0,010	0,305	0,000	0,008	0,003	FALSE
0,045	0,308	0,001	0,013	0,036	FALSE
0,006	0,299	-0,001	0,012	0,018	FALSE
0,040	0,304	0,001	0,008	0,039	FALSE
0,007	0,317	0,001	0,013	0,016	FALSE
-0,118	0,308	-0,004	0,011	0,138	FALSE
-0,006	0,304	0,000	0,010	0,008	FALSE
0,023	0,318	0,000	0,009	0,003	FALSE
-0,094	0,309	-0,002	0,009	0,106	FALSE
-0,075	0,309	-0,002	0,009	0,075	FALSE
-0,092	0,311	-0,002	0,007	0,123	FALSE
-0,020	0,299	0,000	0,008	0,013	FALSE
-0,155	0,300	-0,007	0,013	0,233	FALSE
-0,011	0,307	0,000	0,009	0,011	FALSE
-0,039	0,313	-0,001	0,013	0,034	FALSE
-0,009	0,310	0,000	0,013	0,002	FALSE
-0,099	0,302	-0,004	0,012	0,140	FALSE
0,015	0,320	0,001	0,010	0,025	FALSE
-0,107	0,310	-0,002	0,007	0,109	FALSE
0,100	0,310	0,003	0,008	0,119	FALSE
0,091	0,310	0,003	0,012	0,114	FALSE
0,059	0,302	0,002	0,010	0,080	FALSE
-0,058	0,322	-0,002	0,008	0,078	FALSE
-0,057	0,304	-0,002	0,008	0,075	FALSE
-0,006	0,298	-0,001	0,007	0,039	FALSE
-0,036	0,313	-0,002	0,011	0,056	FALSE
-0,045	0,306	-0,001	0,009	0,055	FALSE
-0,012	0,311	0,000	0,012	0,007	FALSE
-0,031	0,307	-0,001	0,012	0,016	FALSE
0,052	0,304	0,002	0,006	0,091	FALSE
0,030	0,319	0,002	0,011	0,050	FALSE
-0,005	0,307	-0,001	0,013	0,023	FALSE
0,030	0,297	0,000	0,006	0,004	FALSE
0,105	0,318	0,003	0,009	0,107	FALSE
0,102	0,301	0,002	0,008	0,108	FALSE
0,107	0,308	0,003	0,008	0,124	FALSE
-0,006	0,310	0,000	0,010	0,007	FALSE
0,017	0,307	0,001	0,010	0,024	FALSE
0,037	0,307	0,002	0,012	0,049	FALSE
0,058	0,299	0,003	0,012	0,086	FALSE
0,043	0,318	0,002	0,011	0,064	FALSE
0,080	0,298	0,005	0,013	0,164	FALSE
-0,075	0,308	-0,002	0,006	0,094	FALSE
-0,045	0,294	-0,002	0,010	0,095	FALSE
0,141	0,305	0,004	0,009	0,210	FALSE
0,004	0,310	0,001	0,009	0,032	FALSE
0,068	0,303	0,001	0,006	0,079	FALSE
-0,076	0,300	-0,004	0,012	0,134	FALSE
-0,096	0,313	-0,003	0,008	0,126	FALSE
0,212	0,312	0,006	0,008	0,305	FALSE
-0,111	0,304	-0,003	0,010	0,122	FALSE
0,174	0,300	0,004	0,007	0,218	FALSE

0,011	0,297	0,000	0,007	0,003	FALSE
-0,020	0,303	0,000	0,007	0,026	FALSE
-0,012	0,315	0,000	0,007	0,001	FALSE
0,019	0,317	0,001	0,009	0,020	FALSE
-0,037	0,313	-0,001	0,012	0,038	FALSE
0,004	0,318	0,000	0,007	0,024	FALSE
0,063	0,299	0,002	0,007	0,106	FALSE
0,040	0,306	0,002	0,011	0,062	FALSE
-0,112	0,303	-0,002	0,007	0,114	FALSE
-0,097	0,306	-0,004	0,012	0,112	FALSE
0,073	0,309	0,002	0,007	0,086	FALSE
-0,151	0,300	-0,006	0,012	0,221	FALSE
-0,122	0,298	-0,005	0,012	0,169	FALSE
-0,142	0,306	-0,006	0,012	0,201	FALSE
0,075	0,307	0,002	0,007	0,125	FALSE
0,120	0,297	0,004	0,008	0,199	FALSE
0,094	0,298	0,003	0,008	0,168	FALSE
0,123	0,313	0,004	0,008	0,183	FALSE
0,005	0,313	0,000	0,008	0,006	FALSE
-0,184	0,309	-0,006	0,010	0,261	FALSE
0,002	0,309	0,000	0,008	0,009	FALSE
0,011	0,324	0,000	0,011	0,003	FALSE
0,156	0,304	0,003	0,007	0,196	FALSE
0,158	0,308	0,003	0,007	0,196	FALSE
-0,096	0,306	-0,004	0,013	0,121	FALSE
0,172	0,308	0,004	0,008	0,214	FALSE
0,241	0,284	0,011	0,012	0,427	FALSE
0,027	0,323	0,001	0,007	0,035	FALSE
-0,005	0,296	0,001	0,007	0,030	FALSE
0,087	0,312	0,004	0,011	0,125	FALSE
0,039	0,306	0,001	0,007	0,033	FALSE
-0,001	0,310	0,000	0,007	0,003	FALSE
-0,015	0,312	0,000	0,007	0,005	FALSE
0,010	0,304	0,000	0,013	0,005	FALSE
0,004	0,306	0,000	0,007	0,014	FALSE
0,022	0,309	0,001	0,008	0,026	FALSE
-0,043	0,297	-0,001	0,011	0,046	FALSE
-0,042	0,309	-0,001	0,007	0,038	FALSE
-0,069	0,301	-0,001	0,010	0,024	FALSE
-0,046	0,300	0,000	0,013	0,010	FALSE
-0,079	0,302	-0,004	0,012	0,128	FALSE
0,107	0,302	0,002	0,007	0,140	FALSE
0,171	0,313	0,004	0,007	0,240	FALSE
0,189	0,295	0,005	0,007	0,275	FALSE
-0,084	0,316	-0,002	0,007	0,112	FALSE
0,032	0,317	0,001	0,013	0,030	FALSE
0,034	0,314	0,002	0,013	0,055	FALSE
0,035	0,307	0,002	0,012	0,055	FALSE
-0,157	0,305	-0,006	0,013	0,204	FALSE
0,084	0,318	0,003	0,010	0,132	FALSE
0,079	0,303	0,003	0,009	0,139	FALSE
0,132	0,292	0,005	0,013	0,178	FALSE
0,000	0,296	-0,001	0,009	0,040	FALSE

-0,092	0,303	-0,003	0,012	0,109	FALSE
-0,088	0,289	-0,005	0,011	0,184	FALSE
-0,021	0,308	-0,001	0,013	0,024	FALSE
0,048	0,297	0,002	0,011	0,050	FALSE
-0,074	0,314	-0,001	0,007	0,058	FALSE
-0,009	0,304	0,000	0,006	0,013	FALSE
0,086	0,311	0,002	0,007	0,083	FALSE
-0,099	0,318	-0,003	0,009	0,119	FALSE
0,106	0,305	0,002	0,007	0,116	FALSE
-0,021	0,308	-0,001	0,011	0,040	FALSE
-0,023	0,317	-0,001	0,011	0,040	FALSE
0,070	0,298	0,001	0,007	0,085	FALSE
0,116	0,307	0,002	0,007	0,124	FALSE
-0,065	0,316	-0,002	0,007	0,081	FALSE
0,123	0,316	0,004	0,012	0,137	FALSE
-0,012	0,313	0,000	0,010	0,006	FALSE
0,033	0,294	0,001	0,007	0,031	FALSE
0,002	0,299	0,001	0,011	0,030	FALSE
0,041	0,304	0,001	0,007	0,027	FALSE
-0,065	0,305	-0,002	0,008	0,077	FALSE
0,112	0,303	0,002	0,008	0,120	FALSE
-0,025	0,312	-0,001	0,012	0,019	FALSE
0,114	0,317	0,002	0,006	0,149	FALSE
0,123	0,295	0,003	0,007	0,157	FALSE
0,080	0,301	0,003	0,009	0,112	FALSE
-0,149	0,302	-0,005	0,009	0,237	FALSE
-0,073	0,313	-0,003	0,012	0,088	FALSE
-0,060	0,316	-0,003	0,011	0,097	FALSE
-0,121	0,297	-0,004	0,009	0,191	FALSE
0,015	0,302	0,001	0,009	0,029	FALSE
-0,045	0,305	-0,003	0,011	0,087	FALSE
0,078	0,300	0,003	0,013	0,073	FALSE
0,015	0,305	0,001	0,012	0,019	FALSE
-0,034	0,311	0,000	0,008	0,010	FALSE
0,039	0,312	0,002	0,013	0,065	FALSE
-0,012	0,299	-0,001	0,012	0,017	FALSE
0,052	0,317	0,002	0,013	0,059	FALSE
0,088	0,297	0,002	0,008	0,102	FALSE
0,012	0,299	0,001	0,010	0,025	FALSE
0,032	0,313	0,001	0,012	0,032	FALSE
0,053	0,314	0,002	0,011	0,059	FALSE
0,015	0,327	0,000	0,009	0,010	FALSE
-0,031	0,296	-0,001	0,007	0,040	FALSE
-0,066	0,307	-0,002	0,009	0,073	FALSE
-0,124	0,291	-0,005	0,011	0,216	FALSE
0,040	0,312	0,001	0,009	0,055	FALSE
-0,067	0,311	-0,003	0,013	0,085	FALSE
0,079	0,306	0,002	0,006	0,104	FALSE
-0,109	0,303	-0,002	0,008	0,115	FALSE
0,079	0,319	0,002	0,007	0,105	FALSE
-0,074	0,306	-0,002	0,007	0,097	FALSE
-0,112	0,320	-0,004	0,013	0,135	FALSE
0,130	0,299	0,006	0,012	0,209	FALSE

-0,127	0,305	-0,004	0,011	0,170	FALSE
0,016	0,296	0,000	0,008	0,007	FALSE
-0,055	0,307	-0,002	0,008	0,082	FALSE
0,033	0,296	0,001	0,007	0,034	FALSE
0,028	0,301	0,001	0,007	0,058	FALSE
-0,034	0,302	-0,001	0,007	0,030	FALSE
0,013	0,310	0,001	0,013	0,028	FALSE
0,033	0,295	0,001	0,007	0,037	FALSE
-0,131	0,319	-0,003	0,007	0,157	FALSE
-0,093	0,312	-0,003	0,009	0,123	FALSE
-0,043	0,304	-0,001	0,011	0,046	FALSE
0,046	0,307	0,002	0,007	0,094	FALSE
-0,109	0,298	-0,003	0,009	0,135	FALSE
0,068	0,317	0,002	0,009	0,084	FALSE
-0,057	0,320	-0,002	0,010	0,058	FALSE
-0,065	0,321	-0,003	0,013	0,083	FALSE
-0,018	0,292	-0,001	0,009	0,026	FALSE
-0,057	0,291	-0,002	0,009	0,090	FALSE
0,020	0,306	0,001	0,011	0,039	FALSE
-0,028	0,318	-0,001	0,012	0,018	FALSE
0,014	0,287	0,000	0,007	0,019	FALSE
0,126	0,301	0,006	0,012	0,193	FALSE
0,125	0,307	0,003	0,007	0,155	FALSE
0,051	0,312	0,002	0,012	0,077	FALSE
-0,055	0,304	-0,001	0,009	0,045	FALSE
0,044	0,321	0,001	0,010	0,052	FALSE
0,043	0,306	0,002	0,012	0,063	FALSE
0,109	0,301	0,004	0,012	0,128	FALSE
-0,052	0,313	-0,001	0,008	0,059	FALSE
0,008	0,303	0,001	0,012	0,026	FALSE
0,025	0,306	0,001	0,006	0,038	FALSE
0,016	0,309	0,000	0,008	0,014	FALSE
0,029	0,289	0,001	0,010	0,041	FALSE
-0,028	0,308	-0,001	0,010	0,020	FALSE
-0,053	0,303	-0,002	0,010	0,068	FALSE
0,090	0,313	0,003	0,013	0,082	FALSE
0,175	0,286	0,004	0,006	0,246	FALSE
0,014	0,300	0,000	0,013	0,008	FALSE
0,017	0,302	0,001	0,012	0,015	FALSE
0,001	0,309	0,000	0,010	0,007	FALSE
0,069	0,302	0,003	0,011	0,097	FALSE
-0,015	0,327	0,000	0,012	0,005	FALSE
0,096	0,315	0,002	0,008	0,097	FALSE
0,184	0,318	0,004	0,007	0,234	FALSE
-0,139	0,306	-0,005	0,009	0,214	FALSE
-0,102	0,314	-0,005	0,014	0,134	FALSE
-0,051	0,308	-0,002	0,013	0,068	FALSE
-0,060	0,312	-0,003	0,013	0,081	FALSE
0,015	0,307	0,001	0,010	0,038	FALSE
-0,148	0,307	-0,003	0,007	0,196	FALSE
-0,096	0,303	-0,002	0,008	0,125	FALSE
-0,010	0,304	0,000	0,011	0,012	FALSE
0,091	0,315	0,002	0,007	0,130	FALSE

0,088	0,311	0,002	0,007	0,130	FALSE
0,170	0,289	0,007	0,011	0,282	FALSE
-0,015	0,319	-0,001	0,013	0,026	FALSE
-0,034	0,304	-0,001	0,007	0,051	FALSE
-0,026	0,318	-0,001	0,008	0,042	FALSE
-0,022	0,310	-0,001	0,012	0,036	FALSE
-0,037	0,308	-0,002	0,011	0,052	FALSE
0,097	0,316	0,003	0,010	0,133	FALSE
0,044	0,313	0,003	0,011	0,089	FALSE
-0,051	0,304	-0,002	0,010	0,060	FALSE
0,122	0,303	0,005	0,012	0,163	FALSE
0,021	0,316	0,001	0,012	0,022	FALSE
-0,066	0,309	-0,001	0,007	0,082	FALSE
0,087	0,295	0,003	0,011	0,120	FALSE
0,025	0,308	0,001	0,007	0,049	FALSE
0,038	0,306	0,000	0,012	0,011	FALSE
-0,063	0,313	-0,003	0,012	0,107	FALSE
-0,118	0,298	-0,004	0,009	0,193	FALSE
0,033	0,325	0,001	0,011	0,031	FALSE
0,071	0,316	0,002	0,009	0,077	FALSE
0,048	0,310	0,001	0,011	0,048	FALSE
-0,180	0,292	-0,006	0,010	0,265	FALSE
0,038	0,306	0,001	0,008	0,042	FALSE
-0,073	0,300	-0,002	0,008	0,099	FALSE
-0,009	0,299	-0,002	0,012	0,051	FALSE
0,027	0,307	0,001	0,007	0,042	FALSE
-0,220	0,306	-0,006	0,008	0,330	FALSE
0,099	0,304	0,004	0,012	0,137	FALSE
0,029	0,304	0,001	0,009	0,055	FALSE
-0,031	0,311	0,000	0,012	0,007	FALSE
0,054	0,311	0,001	0,007	0,044	FALSE
-0,030	0,305	0,000	0,007	0,023	FALSE
0,016	0,276	0,000	0,011	0,008	FALSE
0,052	0,305	0,001	0,007	0,038	FALSE
0,030	0,305	0,000	0,009	0,004	FALSE
-0,024	0,287	0,000	0,010	0,007	FALSE
0,053	0,313	0,001	0,007	0,064	FALSE
0,187	0,287	0,006	0,009	0,300	FALSE
-0,079	0,303	-0,003	0,012	0,088	FALSE
0,152	0,289	0,005	0,010	0,193	FALSE
-0,154	0,295	-0,004	0,009	0,199	FALSE
-0,157	0,313	-0,004	0,010	0,181	FALSE
0,177	0,289	0,006	0,010	0,232	FALSE
-0,154	0,307	-0,003	0,007	0,210	FALSE
0,163	0,294	0,006	0,011	0,260	FALSE
0,023	0,319	0,000	0,007	0,010	FALSE
-0,165	0,302	-0,004	0,007	0,249	FALSE
0,048	0,304	0,001	0,007	0,064	FALSE
-0,033	0,312	-0,001	0,011	0,044	FALSE
0,035	0,306	0,002	0,010	0,065	FALSE
0,052	0,310	0,001	0,006	0,051	FALSE
0,174	0,304	0,008	0,012	0,275	FALSE
0,006	0,303	0,000	0,007	0,004	FALSE

-0,100	0,296	-0,002	0,008	0,127	FALSE
-0,169	0,306	-0,005	0,008	0,246	FALSE
-0,003	0,312	0,000	0,007	0,014	FALSE
-0,093	0,299	-0,002	0,007	0,085	FALSE
-0,130	0,314	-0,004	0,009	0,175	FALSE
-0,009	0,305	0,001	0,012	0,025	FALSE
-0,067	0,308	-0,002	0,012	0,059	FALSE
0,057	0,303	0,001	0,007	0,075	FALSE
0,174	0,293	0,007	0,012	0,255	FALSE
-0,066	0,295	-0,002	0,008	0,090	FALSE
-0,082	0,297	-0,003	0,012	0,107	FALSE
-0,010	0,305	0,000	0,011	0,005	FALSE
0,022	0,317	0,001	0,013	0,034	FALSE
-0,080	0,314	-0,001	0,007	0,084	FALSE
0,105	0,304	0,005	0,011	0,175	FALSE
-0,117	0,311	-0,003	0,009	0,144	FALSE
0,178	0,307	0,008	0,013	0,288	FALSE
0,096	0,307	0,005	0,013	0,155	FALSE
0,097	0,302	0,004	0,012	0,136	FALSE
0,133	0,301	0,004	0,009	0,212	FALSE
0,093	0,302	0,002	0,007	0,128	FALSE
0,100	0,316	0,003	0,008	0,153	FALSE
0,109	0,302	0,003	0,008	0,178	FALSE
-0,105	0,298	-0,002	0,007	0,124	FALSE
0,008	0,310	0,000	0,007	0,008	FALSE
0,146	0,313	0,005	0,010	0,206	FALSE
-0,160	0,313	-0,004	0,007	0,213	FALSE
-0,004	0,310	0,001	0,007	0,030	FALSE
-0,119	0,298	-0,005	0,012	0,188	FALSE
0,065	0,318	0,002	0,007	0,088	FALSE
-0,068	0,311	-0,002	0,008	0,076	FALSE
0,072	0,328	0,002	0,008	0,084	FALSE
0,015	0,294	0,001	0,008	0,032	FALSE
-0,087	0,317	-0,002	0,008	0,107	FALSE
-0,115	0,312	-0,003	0,007	0,141	FALSE
-0,111	0,312	-0,003	0,007	0,143	FALSE
-0,020	0,310	-0,001	0,010	0,040	FALSE
-0,077	0,316	-0,003	0,010	0,122	FALSE
0,024	0,304	0,000	0,009	0,001	FALSE
0,113	0,306	0,004	0,009	0,166	FALSE
0,097	0,314	0,004	0,010	0,144	FALSE
0,194	0,296	0,005	0,007	0,274	FALSE
0,037	0,315	0,001	0,009	0,023	FALSE
-0,135	0,308	-0,003	0,008	0,172	FALSE
0,128	0,284	0,004	0,009	0,219	FALSE
0,087	0,303	0,002	0,007	0,126	FALSE
-0,018	0,306	-0,001	0,008	0,025	FALSE
0,024	0,318	0,001	0,013	0,030	FALSE
-0,016	0,308	-0,001	0,012	0,018	FALSE
0,017	0,303	0,000	0,006	0,025	FALSE
0,012	0,324	0,000	0,009	0,013	FALSE
0,086	0,297	0,002	0,007	0,103	FALSE
-0,089	0,318	-0,003	0,012	0,105	FALSE

-0,088	0,308	-0,004	0,012	0,136	FALSE
-0,105	0,297	-0,004	0,012	0,154	FALSE
-0,027	0,325	-0,001	0,008	0,047	FALSE
-0,093	0,309	-0,004	0,012	0,130	FALSE
-0,008	0,307	0,000	0,013	0,006	FALSE
0,044	0,306	0,002	0,009	0,065	FALSE
-0,023	0,311	0,000	0,007	0,017	FALSE
0,023	0,306	0,000	0,008	0,011	FALSE
0,131	0,304	0,003	0,007	0,216	FALSE
-0,005	0,292	0,000	0,011	0,001	FALSE
-0,029	0,313	-0,001	0,007	0,051	FALSE
-0,057	0,318	-0,002	0,007	0,092	FALSE
-0,055	0,300	-0,002	0,008	0,096	FALSE
-0,048	0,294	-0,001	0,008	0,050	FALSE
-0,033	0,307	0,000	0,009	0,014	FALSE
-0,043	0,301	-0,001	0,008	0,041	FALSE
0,116	0,296	0,003	0,010	0,132	FALSE
0,103	0,309	0,003	0,011	0,098	FALSE
-0,058	0,300	-0,003	0,012	0,092	FALSE
0,050	0,303	0,002	0,010	0,066	FALSE
-0,057	0,306	-0,002	0,009	0,073	FALSE
0,026	0,310	0,001	0,007	0,044	FALSE
0,014	0,299	0,000	0,008	0,010	FALSE
-0,069	0,300	-0,002	0,009	0,093	FALSE
-0,163	0,305	-0,006	0,009	0,274	FALSE
-0,180	0,292	-0,008	0,013	0,295	FALSE
-0,190	0,296	-0,004	0,007	0,267	FALSE
-0,018	0,315	-0,002	0,012	0,054	FALSE
-0,040	0,306	-0,002	0,011	0,077	FALSE
-0,074	0,304	-0,004	0,011	0,121	FALSE
-0,160	0,313	-0,007	0,013	0,230	FALSE
-0,143	0,315	-0,007	0,013	0,221	FALSE
-0,111	0,308	-0,005	0,012	0,165	FALSE
-0,088	0,319	-0,003	0,012	0,101	FALSE
-0,045	0,315	-0,001	0,006	0,055	FALSE
0,066	0,312	0,003	0,011	0,101	FALSE
0,025	0,301	0,000	0,006	0,023	FALSE
0,015	0,323	0,000	0,007	0,019	FALSE
0,088	0,315	0,004	0,012	0,117	FALSE
-0,131	0,302	-0,004	0,008	0,197	FALSE
-0,134	0,316	-0,006	0,013	0,201	FALSE
0,049	0,313	0,001	0,008	0,059	FALSE
-0,002	0,300	-0,001	0,010	0,034	FALSE
0,091	0,310	0,002	0,008	0,085	FALSE
-0,068	0,316	-0,002	0,010	0,081	FALSE
0,046	0,314	0,002	0,013	0,046	FALSE
0,018	0,315	0,001	0,012	0,037	FALSE
0,022	0,293	0,001	0,012	0,019	FALSE
-0,021	0,305	0,000	0,008	0,019	FALSE
-0,032	0,311	-0,001	0,011	0,033	FALSE
-0,028	0,296	-0,001	0,011	0,049	FALSE
0,030	0,302	0,001	0,007	0,055	FALSE
-0,032	0,305	-0,001	0,008	0,043	FALSE

0,010	0,312	0,001	0,013	0,014	FALSE
-0,012	0,320	0,000	0,010	0,007	FALSE
-0,001	0,302	0,000	0,007	0,016	FALSE
0,059	0,309	0,002	0,012	0,067	FALSE
-0,016	0,300	0,000	0,008	0,000	FALSE
0,080	0,315	0,002	0,006	0,104	FALSE
-0,032	0,310	-0,001	0,007	0,052	FALSE
-0,065	0,299	-0,002	0,010	0,089	FALSE
-0,037	0,312	-0,002	0,010	0,057	FALSE
0,072	0,282	0,003	0,011	0,119	FALSE
-0,038	0,303	-0,002	0,010	0,054	FALSE
-0,043	0,310	-0,002	0,010	0,073	FALSE
0,086	0,307	0,004	0,012	0,144	FALSE
0,056	0,310	0,001	0,007	0,053	FALSE
0,014	0,312	0,001	0,013	0,023	FALSE
-0,045	0,306	-0,001	0,012	0,041	FALSE
-0,003	0,289	0,000	0,011	0,002	FALSE
-0,081	0,316	-0,003	0,008	0,131	FALSE
-0,060	0,313	-0,003	0,012	0,089	FALSE
-0,044	0,314	-0,002	0,011	0,067	FALSE
0,035	0,288	0,001	0,011	0,037	FALSE
-0,012	0,303	0,000	0,010	0,015	FALSE
-0,245	0,292	-0,005	0,007	0,385	FALSE
0,190	0,306	0,008	0,012	0,310	FALSE
0,042	0,310	0,002	0,009	0,065	FALSE
-0,077	0,309	-0,003	0,011	0,099	FALSE
0,028	0,312	0,001	0,011	0,035	FALSE
0,147	0,304	0,003	0,007	0,192	FALSE
-0,152	0,294	-0,004	0,007	0,239	FALSE
0,095	0,314	0,004	0,012	0,144	FALSE
0,067	0,316	0,001	0,009	0,056	FALSE
-0,014	0,300	-0,001	0,011	0,036	FALSE
0,129	0,295	0,004	0,009	0,182	FALSE
-0,157	0,302	-0,005	0,010	0,236	FALSE
-0,126	0,318	-0,004	0,011	0,150	FALSE
0,132	0,289	0,006	0,011	0,239	FALSE
-0,056	0,318	-0,002	0,009	0,071	FALSE
-0,108	0,289	-0,003	0,010	0,119	FALSE
-0,096	0,296	-0,002	0,008	0,098	FALSE
-0,007	0,318	0,000	0,011	0,007	FALSE
0,022	0,315	0,001	0,013	0,022	FALSE
0,078	0,304	0,003	0,012	0,088	FALSE
-0,041	0,305	-0,001	0,007	0,042	FALSE
-0,082	0,303	-0,003	0,010	0,121	FALSE
0,009	0,295	0,001	0,011	0,024	FALSE
-0,173	0,302	-0,004	0,008	0,208	FALSE
-0,011	0,307	0,000	0,011	0,002	FALSE
-0,102	0,303	-0,004	0,012	0,131	FALSE
0,009	0,303	0,001	0,011	0,046	FALSE
0,161	0,305	0,004	0,007	0,225	FALSE
0,022	0,328	0,001	0,010	0,047	FALSE
0,024	0,312	0,001	0,010	0,048	FALSE
0,039	0,301	0,001	0,007	0,066	FALSE

-0,075	0,303	-0,002	0,008	0,097	FALSE
-0,083	0,318	-0,001	0,007	0,077	FALSE
-0,033	0,306	0,000	0,007	0,014	FALSE
-0,033	0,311	-0,001	0,007	0,058	FALSE
0,152	0,315	0,004	0,008	0,195	FALSE
0,019	0,298	-0,001	0,012	0,018	FALSE
0,063	0,310	0,002	0,010	0,081	FALSE
0,002	0,305	0,000	0,007	0,016	FALSE
-0,081	0,297	-0,002	0,010	0,095	FALSE
0,123	0,304	0,003	0,007	0,174	FALSE
0,129	0,300	0,005	0,012	0,158	FALSE
0,067	0,301	0,001	0,006	0,077	FALSE
-0,064	0,305	-0,002	0,007	0,090	FALSE
0,076	0,305	0,002	0,007	0,095	FALSE
0,034	0,294	0,001	0,011	0,044	FALSE
-0,073	0,302	-0,004	0,012	0,133	FALSE
0,104	0,322	0,002	0,007	0,136	FALSE
0,074	0,301	0,002	0,011	0,083	FALSE
-0,068	0,313	-0,001	0,008	0,062	FALSE
0,023	0,301	0,001	0,007	0,041	FALSE
0,063	0,303	0,003	0,011	0,085	FALSE
-0,029	0,309	-0,001	0,007	0,033	FALSE
0,121	0,304	0,003	0,007	0,147	FALSE
-0,032	0,285	-0,001	0,007	0,075	FALSE
0,048	0,308	0,002	0,007	0,086	FALSE
0,150	0,301	0,007	0,012	0,269	FALSE
-0,153	0,303	-0,003	0,007	0,213	FALSE
0,010	0,314	0,001	0,012	0,028	FALSE
-0,003	0,297	0,001	0,013	0,037	FALSE
-0,032	0,303	0,000	0,012	0,008	FALSE
-0,024	0,307	-0,001	0,007	0,027	FALSE
0,068	0,320	0,002	0,008	0,100	FALSE
-0,187	0,306	-0,008	0,013	0,271	FALSE
0,116	0,290	0,004	0,011	0,142	FALSE
0,111	0,306	0,005	0,011	0,174	FALSE
0,058	0,310	0,002	0,013	0,051	FALSE
0,142	0,300	0,004	0,008	0,225	FALSE
0,027	0,311	0,001	0,008	0,037	FALSE
-0,027	0,316	-0,001	0,013	0,034	FALSE
-0,062	0,301	-0,001	0,007	0,057	FALSE
-0,033	0,302	-0,001	0,007	0,037	FALSE
-0,074	0,293	-0,002	0,010	0,070	FALSE
-0,010	0,293	0,000	0,007	0,012	FALSE
0,134	0,305	0,003	0,008	0,175	FALSE
-0,102	0,307	-0,004	0,010	0,141	FALSE
0,044	0,313	0,001	0,007	0,045	FALSE
-0,003	0,309	0,000	0,010	0,009	FALSE
-0,068	0,304	-0,003	0,011	0,094	FALSE
0,126	0,288	0,004	0,007	0,221	FALSE
-0,038	0,315	-0,001	0,010	0,041	FALSE
0,020	0,299	0,000	0,007	0,002	FALSE
-0,052	0,310	-0,002	0,010	0,075	FALSE
0,061	0,312	0,003	0,012	0,096	FALSE

0,012	0,313	0,001	0,012	0,028	FALSE
-0,030	0,314	0,000	0,011	0,014	FALSE
-0,142	0,307	-0,005	0,011	0,190	FALSE
-0,013	0,313	-0,001	0,007	0,038	FALSE
-0,036	0,303	0,000	0,007	0,016	FALSE
0,016	0,305	0,001	0,012	0,027	FALSE
0,063	0,309	0,002	0,010	0,071	FALSE
0,039	0,320	0,001	0,010	0,039	FALSE
-0,063	0,311	-0,001	0,007	0,053	FALSE
0,099	0,304	0,003	0,009	0,151	FALSE
0,063	0,298	0,002	0,010	0,062	FALSE
0,055	0,305	0,002	0,011	0,053	FALSE
0,058	0,319	0,002	0,009	0,063	FALSE
0,040	0,294	0,001	0,012	0,032	FALSE
0,052	0,306	0,002	0,009	0,063	FALSE
-0,034	0,305	-0,001	0,006	0,035	FALSE
0,023	0,303	0,000	0,012	0,010	FALSE
-0,026	0,309	0,000	0,008	0,018	FALSE
0,101	0,303	0,002	0,006	0,147	FALSE
0,092	0,309	0,003	0,009	0,103	FALSE
-0,029	0,308	-0,002	0,009	0,076	FALSE
-0,012	0,306	0,000	0,009	0,007	FALSE
-0,053	0,319	-0,002	0,013	0,052	FALSE
0,033	0,312	0,001	0,008	0,063	FALSE
-0,068	0,288	-0,001	0,007	0,066	FALSE
0,085	0,302	0,001	0,006	0,074	FALSE
-0,161	0,296	-0,004	0,007	0,218	FALSE
0,180	0,293	0,008	0,013	0,271	FALSE
-0,042	0,300	-0,001	0,007	0,043	FALSE
0,027	0,307	0,001	0,013	0,028	FALSE
0,087	0,313	0,002	0,009	0,082	FALSE
0,051	0,308	0,001	0,009	0,044	FALSE
0,146	0,303	0,003	0,007	0,186	FALSE
-0,102	0,299	-0,002	0,007	0,128	FALSE
0,157	0,296	0,005	0,010	0,201	FALSE
0,020	0,305	0,000	0,012	0,008	FALSE
-0,023	0,298	-0,001	0,008	0,025	FALSE
0,090	0,312	0,003	0,012	0,106	FALSE
0,084	0,296	0,003	0,012	0,115	FALSE
0,016	0,310	0,001	0,013	0,026	FALSE
0,027	0,310	0,001	0,010	0,038	FALSE
-0,022	0,313	0,000	0,006	0,008	FALSE
0,000	0,306	0,001	0,007	0,031	FALSE
-0,010	0,297	0,000	0,012	0,011	FALSE
-0,072	0,290	-0,001	0,006	0,077	FALSE
0,037	0,310	0,001	0,009	0,039	FALSE
0,085	0,310	0,002	0,007	0,096	FALSE
-0,024	0,307	-0,001	0,007	0,037	FALSE
-0,042	0,304	-0,002	0,008	0,069	FALSE
0,077	0,287	0,003	0,012	0,102	FALSE
-0,102	0,310	-0,002	0,007	0,110	FALSE
-0,042	0,309	-0,001	0,007	0,046	FALSE
-0,009	0,312	0,000	0,010	0,006	FALSE

-0,029	0,323	-0,001	0,010	0,036	FALSE
0,102	0,303	0,003	0,009	0,157	FALSE
0,028	0,317	0,001	0,009	0,030	FALSE
-0,022	0,304	-0,001	0,009	0,025	FALSE
0,000	0,312	0,000	0,010	0,001	FALSE
0,024	0,315	0,001	0,010	0,019	FALSE
0,040	0,301	0,002	0,012	0,054	FALSE
0,141	0,303	0,004	0,009	0,185	FALSE
0,068	0,308	0,001	0,007	0,069	FALSE
-0,169	0,302	-0,004	0,007	0,243	FALSE
-0,029	0,294	0,000	0,013	0,001	FALSE
-0,119	0,301	-0,005	0,012	0,181	FALSE
-0,024	0,305	0,000	0,013	0,012	FALSE
-0,120	0,306	-0,003	0,008	0,178	FALSE
0,057	0,313	0,001	0,009	0,050	FALSE
0,079	0,308	0,003	0,012	0,095	FALSE
0,016	0,317	0,001	0,010	0,044	FALSE
-0,041	0,315	-0,001	0,012	0,035	FALSE
-0,105	0,307	-0,004	0,009	0,160	FALSE
0,024	0,300	0,001	0,011	0,039	FALSE
-0,036	0,318	-0,001	0,007	0,032	FALSE
0,049	0,304	0,002	0,011	0,059	FALSE
-0,052	0,315	-0,002	0,011	0,074	FALSE
-0,011	0,309	0,000	0,013	0,010	FALSE
-0,071	0,308	-0,002	0,009	0,076	FALSE
-0,070	0,306	-0,003	0,013	0,091	FALSE
0,006	0,304	0,000	0,010	0,005	FALSE
-0,024	0,314	-0,001	0,013	0,035	FALSE
-0,060	0,302	-0,002	0,012	0,074	FALSE
-0,028	0,308	-0,001	0,012	0,034	FALSE
-0,036	0,313	-0,002	0,010	0,059	FALSE
-0,051	0,295	-0,001	0,012	0,039	FALSE
-0,065	0,327	-0,002	0,011	0,061	FALSE
-0,050	0,318	-0,001	0,010	0,036	FALSE
-0,088	0,301	-0,002	0,007	0,093	FALSE
-0,048	0,312	-0,001	0,012	0,031	FALSE
-0,062	0,308	-0,002	0,012	0,050	FALSE
0,051	0,293	0,002	0,009	0,081	FALSE
-0,042	0,300	-0,001	0,007	0,047	FALSE
-0,054	0,298	-0,001	0,007	0,064	FALSE
-0,035	0,312	-0,001	0,007	0,031	FALSE
0,112	0,308	0,003	0,010	0,137	FALSE
0,029	0,302	0,001	0,006	0,039	FALSE
0,025	0,300	0,000	0,010	0,003	FALSE
0,035	0,315	0,002	0,012	0,050	FALSE
-0,044	0,307	-0,002	0,009	0,063	FALSE
-0,028	0,303	-0,001	0,009	0,045	FALSE
-0,056	0,313	-0,001	0,008	0,062	FALSE
0,066	0,300	0,002	0,009	0,070	FALSE
-0,040	0,311	-0,001	0,013	0,035	FALSE
-0,026	0,315	-0,001	0,010	0,025	FALSE
-0,062	0,303	-0,002	0,009	0,090	FALSE
-0,112	0,312	-0,003	0,010	0,128	FALSE

-0,148	0,287	-0,004	0,008	0,212	FALSE
-0,030	0,308	-0,001	0,010	0,053	FALSE
0,083	0,304	0,003	0,012	0,098	FALSE
-0,052	0,308	-0,002	0,009	0,085	FALSE
-0,005	0,318	0,000	0,009	0,015	FALSE
-0,046	0,306	-0,002	0,011	0,057	FALSE
-0,117	0,316	-0,004	0,012	0,141	FALSE
-0,074	0,297	-0,003	0,012	0,090	FALSE
-0,015	0,319	0,000	0,010	0,014	FALSE
-0,028	0,306	0,000	0,006	0,017	FALSE
-0,067	0,308	-0,001	0,006	0,092	FALSE
-0,131	0,316	-0,005	0,011	0,171	FALSE
-0,086	0,301	-0,002	0,009	0,108	FALSE
0,074	0,300	0,003	0,011	0,109	FALSE
0,081	0,302	0,003	0,010	0,113	FALSE
-0,050	0,317	-0,001	0,008	0,050	FALSE
-0,014	0,318	0,000	0,013	0,011	FALSE
-0,047	0,314	-0,001	0,007	0,038	FALSE
0,050	0,310	0,001	0,008	0,054	FALSE
0,020	0,310	0,001	0,008	0,027	FALSE
-0,057	0,315	-0,002	0,013	0,058	FALSE
0,000	0,295	0,000	0,008	0,007	FALSE
0,084	0,304	0,003	0,009	0,129	FALSE
0,081	0,296	0,003	0,008	0,127	FALSE
-0,031	0,299	-0,001	0,007	0,047	FALSE
-0,096	0,300	-0,003	0,008	0,140	FALSE
0,106	0,308	0,004	0,011	0,136	FALSE
0,046	0,316	0,001	0,008	0,063	FALSE
-0,053	0,310	-0,002	0,011	0,058	FALSE
0,047	0,297	0,001	0,008	0,055	FALSE
0,100	0,309	0,004	0,011	0,142	FALSE
-0,003	0,305	0,000	0,007	0,011	FALSE
-0,065	0,312	-0,001	0,007	0,064	FALSE
-0,077	0,301	-0,002	0,009	0,102	FALSE
-0,009	0,308	0,000	0,012	0,011	FALSE
0,064	0,299	0,002	0,010	0,067	FALSE
-0,042	0,318	-0,002	0,008	0,071	FALSE
0,066	0,295	0,003	0,012	0,104	FALSE
0,073	0,299	0,002	0,008	0,106	FALSE
0,044	0,300	0,001	0,008	0,071	FALSE
0,007	0,300	0,001	0,008	0,024	FALSE
0,029	0,309	0,001	0,012	0,042	FALSE
0,021	0,305	0,001	0,008	0,026	FALSE
0,003	0,306	0,000	0,012	0,001	FALSE
0,034	0,301	0,001	0,012	0,029	FALSE
0,034	0,313	0,001	0,010	0,049	FALSE
0,101	0,295	0,004	0,012	0,123	FALSE
0,032	0,309	0,000	0,008	0,013	FALSE
-0,091	0,306	-0,002	0,007	0,135	FALSE
0,046	0,313	0,002	0,011	0,074	FALSE
0,045	0,322	0,002	0,012	0,073	FALSE
-0,103	0,310	-0,003	0,008	0,153	FALSE
-0,095	0,304	-0,004	0,012	0,137	FALSE

-0,023	0,298	0,000	0,009	0,006	FALSE
0,060	0,305	0,002	0,007	0,078	FALSE
0,026	0,318	0,001	0,010	0,024	FALSE
0,056	0,322	0,002	0,011	0,064	FALSE
-0,039	0,300	-0,001	0,009	0,034	FALSE
0,025	0,312	0,001	0,009	0,032	FALSE
0,020	0,322	0,001	0,010	0,027	FALSE
0,011	0,311	0,000	0,007	0,015	FALSE
-0,002	0,316	0,000	0,013	0,007	FALSE
-0,115	0,310	-0,004	0,009	0,154	FALSE
0,062	0,310	0,002	0,008	0,078	FALSE
-0,022	0,315	-0,001	0,008	0,052	FALSE
-0,021	0,300	-0,001	0,011	0,037	FALSE
-0,058	0,304	-0,002	0,010	0,077	FALSE
0,013	0,306	0,000	0,008	0,005	FALSE
0,051	0,313	0,001	0,008	0,055	FALSE
-0,130	0,304	-0,003	0,007	0,156	FALSE
0,028	0,303	0,001	0,008	0,027	FALSE
0,047	0,300	0,001	0,008	0,054	FALSE
0,071	0,300	0,002	0,007	0,129	FALSE
-0,008	0,297	-0,001	0,010	0,022	FALSE
0,008	0,307	0,000	0,012	0,014	FALSE
0,054	0,309	0,002	0,010	0,059	FALSE
-0,057	0,304	-0,001	0,006	0,080	FALSE
0,081	0,327	0,002	0,010	0,088	FALSE
0,128	0,314	0,004	0,009	0,189	FALSE
-0,141	0,314	-0,003	0,007	0,179	FALSE
-0,095	0,326	-0,004	0,013	0,135	FALSE
-0,056	0,311	-0,002	0,011	0,073	FALSE
-0,084	0,321	-0,003	0,011	0,097	FALSE
0,054	0,292	0,002	0,010	0,078	FALSE
-0,064	0,318	-0,001	0,008	0,069	FALSE
0,002	0,308	0,000	0,007	0,008	FALSE
-0,013	0,307	-0,001	0,010	0,032	FALSE
-0,064	0,292	-0,002	0,012	0,050	FALSE
-0,020	0,312	0,000	0,013	0,004	FALSE
-0,087	0,305	-0,003	0,012	0,086	FALSE
-0,031	0,315	-0,001	0,007	0,033	FALSE
0,051	0,310	0,002	0,011	0,058	FALSE
0,018	0,316	0,000	0,010	0,017	FALSE
-0,114	0,320	-0,004	0,012	0,136	FALSE
0,049	0,312	0,001	0,007	0,064	FALSE
-0,079	0,315	-0,002	0,007	0,108	FALSE
-0,067	0,316	-0,003	0,011	0,096	FALSE
-0,107	0,309	-0,003	0,008	0,158	FALSE
-0,081	0,303	-0,002	0,007	0,123	FALSE
0,021	0,335	0,001	0,013	0,025	FALSE
-0,039	0,311	-0,002	0,012	0,053	FALSE
0,150	0,305	0,004	0,008	0,187	FALSE
0,002	0,307	-0,001	0,007	0,027	FALSE
0,016	0,310	0,000	0,007	0,017	FALSE
0,095	0,312	0,002	0,007	0,142	FALSE
-0,055	0,310	-0,002	0,011	0,053	FALSE

-0,041	0,309	-0,001	0,007	0,064	FALSE
-0,086	0,318	-0,002	0,008	0,099	FALSE
-0,022	0,306	-0,001	0,011	0,033	FALSE
-0,062	0,302	-0,001	0,007	0,068	FALSE
0,026	0,314	0,001	0,009	0,035	FALSE
-0,054	0,293	-0,002	0,010	0,079	FALSE
-0,179	0,305	-0,008	0,013	0,259	FALSE
0,000	0,303	0,000	0,010	0,010	FALSE
-0,006	0,306	0,000	0,009	0,008	FALSE
0,099	0,302	0,005	0,012	0,169	FALSE
-0,005	0,315	0,000	0,010	0,003	FALSE
-0,126	0,303	-0,003	0,010	0,138	FALSE
0,199	0,308	0,005	0,008	0,300	FALSE
0,004	0,312	0,000	0,010	0,016	FALSE
-0,162	0,299	-0,005	0,009	0,226	FALSE
-0,042	0,309	-0,001	0,008	0,051	FALSE
-0,004	0,311	0,000	0,010	0,003	FALSE
-0,020	0,302	-0,001	0,010	0,023	FALSE
-0,020	0,321	0,000	0,008	0,016	FALSE
0,098	0,308	0,003	0,011	0,108	FALSE
-0,097	0,309	-0,004	0,013	0,103	FALSE
-0,065	0,311	-0,003	0,013	0,074	FALSE
-0,098	0,315	-0,003	0,012	0,107	FALSE
-0,046	0,307	-0,001	0,012	0,036	FALSE
-0,083	0,315	-0,001	0,007	0,073	FALSE
0,052	0,294	0,001	0,011	0,047	FALSE
-0,026	0,303	-0,001	0,007	0,028	FALSE
-0,206	0,281	-0,008	0,010	0,369	FALSE
0,095	0,307	0,003	0,012	0,108	FALSE
-0,018	0,321	0,000	0,009	0,020	FALSE
-0,160	0,299	-0,003	0,007	0,218	FALSE
-0,071	0,294	-0,003	0,011	0,090	FALSE
-0,097	0,309	-0,002	0,008	0,097	FALSE
0,019	0,316	0,001	0,010	0,026	FALSE
0,097	0,310	0,004	0,013	0,136	FALSE
-0,028	0,293	0,000	0,011	0,004	FALSE
-0,041	0,303	-0,001	0,008	0,059	FALSE
0,017	0,304	0,001	0,009	0,021	FALSE
0,034	0,319	0,001	0,010	0,027	FALSE
0,004	0,310	0,000	0,010	0,005	FALSE
-0,002	0,302	0,000	0,009	0,003	FALSE
0,014	0,314	0,001	0,010	0,028	FALSE
-0,034	0,318	-0,002	0,013	0,052	FALSE
0,010	0,305	0,001	0,008	0,025	FALSE
0,008	0,319	0,000	0,013	0,001	FALSE
0,098	0,320	0,003	0,010	0,118	FALSE
0,094	0,293	0,003	0,011	0,123	FALSE
-0,040	0,320	-0,001	0,010	0,039	FALSE
-0,061	0,305	-0,003	0,012	0,094	FALSE
-0,031	0,306	-0,002	0,010	0,055	FALSE
-0,019	0,308	-0,001	0,010	0,020	FALSE
0,067	0,323	0,002	0,010	0,095	FALSE
-0,011	0,313	-0,001	0,006	0,033	FALSE

-0,006	0,328	0,000	0,007	0,024	FALSE
-0,034	0,322	-0,001	0,007	0,057	FALSE
-0,057	0,316	-0,002	0,007	0,100	FALSE
0,106	0,308	0,004	0,010	0,145	FALSE
0,093	0,316	0,003	0,010	0,123	FALSE
-0,019	0,308	0,000	0,009	0,015	FALSE
0,047	0,307	0,001	0,008	0,061	FALSE
0,038	0,294	0,001	0,008	0,031	FALSE
-0,031	0,322	-0,001	0,013	0,031	FALSE
-0,021	0,319	-0,001	0,009	0,044	FALSE
0,006	0,319	0,000	0,010	0,012	FALSE
-0,011	0,313	0,000	0,010	0,008	FALSE
0,031	0,312	0,001	0,009	0,045	FALSE
0,004	0,287	-0,001	0,012	0,024	FALSE
0,033	0,296	0,000	0,012	0,009	FALSE
-0,056	0,301	-0,001	0,008	0,061	FALSE
-0,032	0,318	0,000	0,008	0,011	FALSE
-0,068	0,290	-0,002	0,010	0,090	FALSE
-0,147	0,296	-0,004	0,008	0,186	FALSE
0,026	0,318	0,001	0,013	0,029	FALSE
0,035	0,309	0,001	0,007	0,056	FALSE
0,038	0,315	0,001	0,007	0,066	FALSE
0,033	0,316	0,001	0,007	0,055	FALSE
0,067	0,318	0,002	0,007	0,081	FALSE
0,016	0,302	0,000	0,013	0,007	FALSE
0,016	0,316	0,000	0,013	0,005	FALSE
0,069	0,313	0,001	0,007	0,063	FALSE
-0,076	0,319	-0,002	0,009	0,091	FALSE
0,100	0,294	0,002	0,006	0,138	FALSE
0,083	0,309	0,002	0,007	0,103	FALSE
0,099	0,324	0,002	0,007	0,122	FALSE
-0,054	0,296	-0,002	0,010	0,093	FALSE
0,067	0,295	0,002	0,008	0,092	FALSE
-0,076	0,303	-0,003	0,010	0,107	FALSE
0,027	0,311	0,000	0,011	0,004	FALSE
-0,059	0,317	-0,001	0,009	0,053	FALSE
0,084	0,301	0,002	0,006	0,094	FALSE
-0,112	0,291	-0,004	0,012	0,138	FALSE
-0,065	0,303	-0,002	0,013	0,072	FALSE
-0,055	0,300	-0,001	0,007	0,053	FALSE
-0,043	0,304	-0,001	0,007	0,028	FALSE
-0,157	0,293	-0,006	0,011	0,243	FALSE
-0,104	0,295	-0,004	0,011	0,149	FALSE
-0,143	0,290	-0,007	0,013	0,219	FALSE
-0,174	0,301	-0,007	0,011	0,270	FALSE
-0,184	0,290	-0,008	0,012	0,302	FALSE
-0,176	0,294	-0,008	0,013	0,280	FALSE
-0,204	0,283	-0,009	0,012	0,349	FALSE
0,045	0,297	0,001	0,009	0,058	FALSE
0,065	0,315	0,002	0,011	0,085	FALSE
0,041	0,308	0,001	0,010	0,048	FALSE
0,046	0,307	0,002	0,009	0,061	FALSE
0,059	0,294	0,003	0,012	0,085	FALSE

0,053	0,296	0,003	0,011	0,092	FALSE
0,030	0,291	0,001	0,007	0,057	FALSE
0,037	0,312	0,001	0,008	0,067	FALSE
-0,077	0,309	-0,002	0,007	0,114	FALSE
-0,059	0,305	-0,001	0,007	0,077	FALSE
0,043	0,303	0,003	0,012	0,079	FALSE
0,030	0,299	0,001	0,008	0,043	FALSE
0,025	0,313	0,002	0,011	0,060	FALSE
0,069	0,284	0,001	0,006	0,052	FALSE
-0,009	0,311	-0,002	0,011	0,055	FALSE
0,013	0,302	0,001	0,008	0,031	FALSE
0,087	0,303	0,003	0,012	0,092	FALSE
0,059	0,314	0,002	0,009	0,070	FALSE
-0,117	0,289	-0,004	0,008	0,198	FALSE
-0,026	0,302	-0,001	0,011	0,030	FALSE
-0,050	0,306	-0,002	0,010	0,068	FALSE
-0,075	0,321	-0,003	0,010	0,092	FALSE
-0,112	0,308	-0,002	0,007	0,144	FALSE
0,053	0,301	0,002	0,012	0,065	FALSE
-0,066	0,310	-0,001	0,007	0,074	FALSE
-0,102	0,301	-0,005	0,010	0,182	FALSE
0,091	0,301	0,003	0,009	0,119	FALSE
-0,110	0,313	-0,002	0,007	0,153	FALSE
-0,151	0,281	-0,003	0,006	0,207	FALSE
-0,055	0,305	-0,002	0,009	0,083	FALSE
-0,072	0,297	-0,003	0,009	0,111	FALSE
-0,086	0,313	-0,003	0,009	0,132	FALSE
-0,081	0,304	-0,003	0,009	0,114	FALSE
-0,075	0,291	-0,002	0,008	0,116	FALSE
-0,037	0,304	-0,002	0,009	0,065	FALSE
-0,058	0,295	-0,002	0,009	0,098	FALSE
0,120	0,298	0,004	0,007	0,204	FALSE
-0,001	0,309	0,000	0,012	0,003	FALSE
0,031	0,317	0,002	0,013	0,043	FALSE
0,071	0,300	0,003	0,012	0,079	FALSE
-0,089	0,297	-0,003	0,012	0,106	FALSE
0,170	0,302	0,008	0,013	0,263	FALSE
-0,093	0,306	-0,004	0,012	0,120	FALSE
-0,048	0,322	0,000	0,008	0,018	FALSE
-0,017	0,296	-0,002	0,012	0,051	FALSE
-0,016	0,318	0,000	0,008	0,018	FALSE
0,134	0,296	0,004	0,008	0,187	FALSE
0,137	0,323	0,004	0,009	0,180	FALSE
0,003	0,314	0,000	0,010	0,006	FALSE
0,090	0,293	0,005	0,013	0,146	FALSE
-0,192	0,308	-0,008	0,013	0,279	FALSE
0,064	0,310	0,002	0,009	0,092	FALSE
-0,024	0,302	-0,001	0,007	0,038	FALSE
0,027	0,315	0,001	0,008	0,040	FALSE
0,124	0,298	0,005	0,012	0,169	FALSE
0,064	0,305	0,003	0,012	0,102	FALSE
0,088	0,309	0,002	0,008	0,113	FALSE
0,097	0,296	0,002	0,007	0,140	FALSE

-0,098	0,320	-0,003	0,011	0,116	FALSE
0,103	0,308	0,003	0,007	0,154	FALSE
0,046	0,295	0,001	0,007	0,073	FALSE
0,151	0,307	0,007	0,012	0,241	FALSE
-0,145	0,308	-0,005	0,011	0,198	FALSE
-0,027	0,298	-0,001	0,008	0,024	FALSE
-0,079	0,313	-0,003	0,012	0,095	FALSE
0,012	0,312	0,001	0,007	0,041	FALSE
0,100	0,317	0,003	0,009	0,118	FALSE
0,012	0,319	0,001	0,013	0,014	FALSE
-0,017	0,321	-0,001	0,013	0,019	FALSE
-0,008	0,318	0,000	0,013	0,012	FALSE
0,006	0,310	0,000	0,013	0,007	FALSE
0,024	0,311	0,001	0,012	0,029	FALSE
0,003	0,321	0,000	0,013	0,004	FALSE
-0,005	0,318	-0,001	0,013	0,013	FALSE
-0,014	0,308	-0,001	0,012	0,026	FALSE
-0,012	0,329	0,000	0,013	0,006	FALSE
0,016	0,313	0,001	0,013	0,025	FALSE
-0,011	0,302	-0,001	0,012	0,019	FALSE
-0,005	0,331	0,000	0,013	0,013	FALSE
-0,015	0,314	-0,001	0,013	0,019	FALSE
-0,004	0,317	0,000	0,013	0,004	FALSE
0,003	0,337	0,000	0,014	0,006	FALSE
-0,002	0,308	0,000	0,013	0,005	FALSE
-0,018	0,325	-0,001	0,013	0,020	FALSE
-0,010	0,322	-0,001	0,013	0,017	FALSE
-0,009	0,323	0,000	0,013	0,008	FALSE
-0,002	0,322	0,000	0,012	0,004	FALSE
0,018	0,309	0,000	0,012	0,013	FALSE
-0,014	0,309	-0,001	0,013	0,022	FALSE
-0,015	0,314	-0,001	0,013	0,017	FALSE
-0,008	0,325	-0,001	0,013	0,015	FALSE
-0,006	0,328	0,000	0,013	0,013	FALSE
-0,042	0,321	-0,002	0,013	0,044	FALSE
-0,002	0,325	0,000	0,013	0,003	FALSE
-0,002	0,337	0,000	0,014	0,004	FALSE
-0,001	0,307	0,000	0,013	0,006	FALSE
0,042	0,313	0,002	0,013	0,048	FALSE
0,022	0,294	0,001	0,012	0,035	FALSE
0,001	0,301	0,000	0,007	0,011	FALSE
0,014	0,308	0,000	0,008	0,009	FALSE
0,068	0,310	0,001	0,007	0,069	FALSE
0,059	0,307	0,002	0,012	0,076	FALSE
0,001	0,300	0,000	0,009	0,009	FALSE
-0,045	0,309	-0,002	0,012	0,061	FALSE
0,008	0,321	0,000	0,013	0,013	FALSE
-0,014	0,323	-0,001	0,013	0,028	FALSE
-0,004	0,310	0,000	0,013	0,005	FALSE
0,024	0,313	0,001	0,013	0,021	FALSE
0,004	0,310	0,000	0,012	0,000	FALSE
-0,011	0,324	-0,001	0,013	0,025	FALSE
-0,006	0,321	0,000	0,013	0,003	FALSE

0,032	0,317	0,001	0,013	0,031	FALSE
0,015	0,305	0,000	0,013	0,012	FALSE
-0,031	0,327	-0,002	0,013	0,041	FALSE
0,002	0,330	0,000	0,013	0,002	FALSE
-0,031	0,302	-0,002	0,013	0,049	FALSE
-0,009	0,314	0,000	0,012	0,006	FALSE
-0,015	0,317	-0,001	0,013	0,019	FALSE
0,006	0,309	0,000	0,013	0,001	FALSE
0,005	0,328	0,000	0,013	0,001	FALSE
-0,029	0,318	-0,001	0,013	0,036	FALSE
0,006	0,321	0,000	0,013	0,008	FALSE
0,003	0,304	0,000	0,012	0,003	FALSE
0,000	0,312	0,000	0,013	0,003	FALSE
0,024	0,317	0,001	0,009	0,024	FALSE
-0,010	0,303	0,000	0,009	0,013	FALSE
-0,029	0,314	-0,001	0,009	0,035	FALSE
-0,001	0,305	0,000	0,009	0,003	FALSE
-0,062	0,299	-0,002	0,009	0,075	FALSE
-0,002	0,304	0,000	0,009	0,000	FALSE
-0,028	0,290	-0,001	0,012	0,043	FALSE
-0,019	0,325	-0,001	0,013	0,026	FALSE
0,000	0,303	0,000	0,013	0,003	FALSE
-0,022	0,318	-0,001	0,012	0,025	FALSE
0,022	0,302	0,001	0,012	0,021	FALSE
-0,017	0,322	-0,001	0,013	0,024	FALSE
0,013	0,311	0,000	0,013	0,002	FALSE
0,011	0,324	0,001	0,013	0,018	FALSE
0,013	0,316	0,000	0,013	0,006	FALSE
0,044	0,322	0,001	0,009	0,057	FALSE
-0,007	0,305	0,000	0,012	0,001	FALSE
-0,009	0,316	0,000	0,013	0,012	FALSE
0,017	0,316	0,001	0,013	0,026	FALSE
-0,007	0,313	0,000	0,012	0,005	FALSE
-0,018	0,322	-0,001	0,013	0,018	FALSE
0,002	0,314	0,000	0,013	0,001	FALSE
0,004	0,322	0,000	0,013	0,000	FALSE
-0,010	0,307	-0,001	0,012	0,021	FALSE
0,030	0,325	0,001	0,013	0,023	FALSE
-0,008	0,324	0,000	0,013	0,008	FALSE
-0,008	0,324	0,000	0,013	0,007	FALSE
0,011	0,322	0,000	0,013	0,011	FALSE
-0,009	0,309	-0,001	0,013	0,017	FALSE
-0,017	0,328	-0,001	0,013	0,019	FALSE
0,002	0,312	0,000	0,013	0,011	FALSE
0,016	0,325	0,001	0,013	0,015	FALSE
-0,003	0,334	0,000	0,014	0,003	FALSE
0,014	0,327	0,001	0,013	0,015	FALSE
-0,025	0,323	-0,001	0,013	0,034	FALSE
0,010	0,328	0,000	0,013	0,013	FALSE
-0,086	0,306	-0,002	0,007	0,136	FALSE
0,141	0,300	0,004	0,010	0,190	FALSE
-0,104	0,292	-0,003	0,007	0,182	FALSE
0,013	0,311	0,000	0,012	0,013	FALSE

-0,045	0,313	-0,002	0,012	0,061	FALSE
0,023	0,309	0,001	0,011	0,023	FALSE
-0,001	0,327	0,000	0,014	0,005	FALSE
-0,012	0,321	-0,001	0,013	0,019	FALSE
0,013	0,312	0,000	0,013	0,013	FALSE
-0,006	0,325	0,000	0,013	0,006	FALSE
-0,013	0,318	0,000	0,013	0,008	FALSE
-0,010	0,306	-0,001	0,012	0,017	FALSE
0,000	0,325	0,000	0,013	0,001	FALSE
0,175	0,305	0,005	0,008	0,270	FALSE
0,044	0,313	0,001	0,009	0,042	FALSE
-0,040	0,317	-0,002	0,012	0,069	FALSE
-0,031	0,310	-0,001	0,012	0,036	FALSE
0,005	0,328	0,000	0,013	0,004	FALSE
0,025	0,321	0,001	0,013	0,020	FALSE
-0,023	0,330	-0,001	0,013	0,024	FALSE
-0,014	0,307	-0,001	0,013	0,016	FALSE
0,013	0,317	0,000	0,013	0,009	FALSE
0,020	0,312	0,001	0,012	0,016	FALSE
-0,045	0,313	-0,001	0,007	0,039	FALSE
0,022	0,308	0,001	0,011	0,042	FALSE
0,016	0,304	0,001	0,012	0,023	FALSE
0,101	0,314	0,003	0,009	0,122	FALSE
0,003	0,307	-0,001	0,007	0,026	FALSE
0,001	0,321	0,000	0,013	0,001	FALSE
0,008	0,308	0,000	0,012	0,007	FALSE
0,002	0,324	0,000	0,013	0,001	FALSE
-0,021	0,300	-0,001	0,013	0,018	FALSE
-0,019	0,310	-0,001	0,013	0,027	FALSE
0,037	0,291	0,001	0,006	0,063	FALSE
0,027	0,309	0,001	0,011	0,044	FALSE
0,067	0,297	0,002	0,011	0,078	FALSE
0,011	0,304	0,000	0,006	0,024	FALSE
-0,041	0,292	0,000	0,008	0,010	FALSE
0,109	0,296	0,005	0,012	0,148	FALSE
-0,126	0,302	-0,004	0,010	0,176	FALSE
0,019	0,307	0,000	0,007	0,023	FALSE
0,034	0,305	0,001	0,013	0,027	FALSE
-0,042	0,308	-0,002	0,013	0,070	FALSE
-0,149	0,298	-0,006	0,013	0,213	FALSE
0,025	0,310	0,001	0,013	0,034	FALSE
-0,069	0,295	-0,003	0,011	0,110	FALSE
0,054	0,307	0,003	0,013	0,095	FALSE
-0,075	0,314	-0,003	0,011	0,093	FALSE
-0,077	0,321	-0,002	0,011	0,085	FALSE
0,020	0,313	0,001	0,011	0,044	FALSE
0,086	0,299	0,003	0,011	0,101	FALSE
-0,009	0,301	-0,001	0,009	0,025	FALSE
-0,017	0,320	-0,001	0,013	0,018	FALSE
-0,013	0,300	0,000	0,011	0,002	FALSE
-0,001	0,316	0,000	0,013	0,000	FALSE
0,008	0,322	0,000	0,013	0,003	FALSE
-0,003	0,317	0,000	0,013	0,005	FALSE

-0,024	0,312	-0,001	0,013	0,034	FALSE
0,013	0,316	0,001	0,013	0,019	FALSE
0,004	0,319	0,000	0,013	0,004	FALSE
-0,027	0,324	-0,001	0,013	0,042	FALSE
-0,019	0,314	-0,001	0,013	0,024	FALSE
-0,015	0,318	-0,001	0,013	0,021	FALSE
-0,010	0,329	0,000	0,013	0,009	FALSE
-0,022	0,323	-0,001	0,013	0,028	FALSE
-0,006	0,321	0,000	0,013	0,013	FALSE
0,104	0,305	0,003	0,009	0,137	FALSE
-0,061	0,305	-0,001	0,009	0,061	FALSE
-0,097	0,306	-0,003	0,009	0,118	FALSE
-0,043	0,330	-0,002	0,012	0,048	FALSE
-0,050	0,308	-0,002	0,010	0,086	FALSE
0,039	0,301	0,001	0,007	0,028	FALSE
-0,108	0,305	-0,002	0,006	0,139	FALSE
0,136	0,296	0,006	0,012	0,211	FALSE
0,043	0,305	0,001	0,007	0,059	FALSE
0,034	0,312	0,001	0,008	0,032	FALSE
0,035	0,308	0,001	0,007	0,027	FALSE
0,005	0,324	0,001	0,013	0,026	FALSE
0,076	0,320	0,002	0,008	0,098	FALSE
-0,074	0,297	-0,001	0,010	0,054	FALSE
0,077	0,314	0,003	0,011	0,097	FALSE
-0,066	0,314	-0,002	0,009	0,099	FALSE
0,185	0,301	0,004	0,007	0,304	FALSE
-0,016	0,299	0,000	0,009	0,001	FALSE
0,277	0,282	0,008	0,008	0,486	FALSE
-0,095	0,289	-0,003	0,008	0,168	FALSE
-0,058	0,306	-0,001	0,010	0,037	FALSE
0,005	0,320	0,000	0,013	0,002	FALSE
-0,019	0,328	-0,001	0,013	0,034	FALSE
0,026	0,301	0,001	0,007	0,048	FALSE
0,022	0,320	0,001	0,013	0,019	FALSE
0,016	0,312	0,001	0,013	0,021	FALSE
-0,002	0,324	0,000	0,013	0,012	FALSE
0,044	0,312	0,002	0,013	0,046	FALSE
-0,001	0,319	0,000	0,013	0,006	FALSE
0,033	0,315	0,002	0,013	0,045	FALSE
0,042	0,308	0,002	0,013	0,049	FALSE
-0,041	0,307	-0,001	0,007	0,044	FALSE
-0,055	0,291	-0,003	0,012	0,090	FALSE
0,000	0,292	0,000	0,009	0,006	FALSE
-0,047	0,301	-0,001	0,009	0,051	FALSE
-0,075	0,295	-0,002	0,008	0,117	FALSE
-0,069	0,314	-0,002	0,007	0,092	FALSE
0,193	0,302	0,009	0,013	0,308	FALSE
0,046	0,302	0,001	0,006	0,069	FALSE
0,153	0,304	0,004	0,006	0,238	FALSE
-0,013	0,299	0,000	0,007	0,004	FALSE
-0,101	0,293	-0,005	0,012	0,152	FALSE
0,115	0,297	0,003	0,010	0,141	FALSE
-0,039	0,323	-0,001	0,013	0,039	FALSE

0,002	0,309	0,000	0,013	0,007	FALSE
-0,045	0,312	-0,002	0,013	0,054	FALSE
-0,047	0,319	-0,002	0,013	0,043	FALSE
-0,042	0,321	-0,001	0,013	0,041	FALSE
-0,047	0,315	-0,002	0,013	0,054	FALSE
-0,096	0,300	-0,002	0,007	0,118	FALSE
0,014	0,317	0,000	0,013	0,003	FALSE
0,094	0,309	0,003	0,008	0,122	FALSE
-0,072	0,305	-0,002	0,011	0,079	FALSE
0,065	0,303	0,002	0,011	0,050	FALSE
-0,017	0,301	-0,001	0,009	0,046	FALSE
-0,048	0,298	-0,002	0,008	0,083	FALSE
0,056	0,313	0,002	0,012	0,049	FALSE
-0,008	0,301	0,000	0,006	0,019	FALSE
-0,133	0,319	-0,003	0,007	0,186	FALSE
-0,015	0,303	-0,001	0,013	0,032	FALSE
0,043	0,296	0,002	0,012	0,056	FALSE
0,132	0,290	0,005	0,012	0,180	FALSE
-0,031	0,321	-0,001	0,010	0,024	FALSE
-0,041	0,306	-0,002	0,013	0,063	FALSE
0,025	0,302	0,001	0,012	0,037	FALSE
-0,051	0,311	-0,001	0,011	0,035	FALSE
-0,079	0,302	-0,003	0,010	0,115	FALSE
0,029	0,299	0,001	0,013	0,041	FALSE
0,061	0,303	0,002	0,011	0,054	FALSE
-0,090	0,302	-0,003	0,012	0,092	FALSE
-0,099	0,302	-0,003	0,012	0,102	FALSE
-0,069	0,293	-0,002	0,012	0,060	FALSE
-0,089	0,316	-0,003	0,012	0,091	FALSE
0,064	0,318	0,003	0,011	0,089	FALSE
0,053	0,312	0,002	0,012	0,065	FALSE
-0,002	0,302	0,000	0,006	0,013	FALSE
-0,016	0,312	0,000	0,007	0,018	FALSE
0,070	0,310	0,003	0,013	0,091	FALSE
-0,055	0,315	-0,001	0,007	0,080	FALSE
0,050	0,316	0,002	0,013	0,046	FALSE
0,034	0,312	0,002	0,012	0,073	FALSE
-0,143	0,313	-0,004	0,009	0,186	FALSE
0,066	0,305	0,002	0,011	0,059	FALSE
0,010	0,315	0,000	0,011	0,008	FALSE
0,078	0,320	0,004	0,013	0,130	FALSE
0,017	0,300	0,000	0,011	0,016	FALSE
-0,053	0,315	-0,001	0,010	0,044	FALSE
-0,093	0,301	-0,003	0,008	0,148	FALSE
-0,109	0,300	-0,004	0,009	0,168	FALSE
-0,042	0,307	-0,002	0,011	0,054	FALSE
-0,043	0,311	-0,002	0,011	0,054	FALSE
0,024	0,301	0,001	0,012	0,038	FALSE
-0,038	0,290	-0,001	0,010	0,056	FALSE
-0,076	0,302	-0,003	0,012	0,093	FALSE
-0,135	0,307	-0,003	0,007	0,171	FALSE
-0,127	0,292	-0,002	0,006	0,162	FALSE
-0,125	0,308	-0,003	0,007	0,160	FALSE

-0,090	0,307	-0,002	0,009	0,102	FALSE
0,077	0,290	0,002	0,011	0,073	FALSE
0,019	0,298	0,001	0,006	0,039	FALSE
0,050	0,308	0,001	0,007	0,078	FALSE
0,068	0,309	0,002	0,012	0,063	FALSE
-0,105	0,315	-0,003	0,009	0,134	FALSE
0,017	0,322	0,000	0,008	0,017	FALSE
0,015	0,307	0,000	0,012	0,004	FALSE
-0,003	0,315	0,000	0,009	0,018	FALSE
0,057	0,309	0,001	0,009	0,036	FALSE
0,010	0,305	0,001	0,008	0,022	FALSE
0,085	0,313	0,003	0,013	0,087	FALSE
0,085	0,310	0,002	0,007	0,120	FALSE
-0,011	0,311	0,000	0,009	0,002	FALSE
0,003	0,308	0,000	0,008	0,021	FALSE
-0,009	0,309	0,000	0,008	0,007	FALSE
-0,066	0,310	-0,002	0,010	0,088	FALSE
-0,053	0,302	-0,002	0,010	0,074	FALSE
0,037	0,304	0,001	0,008	0,055	FALSE
0,070	0,295	0,002	0,007	0,124	FALSE
0,067	0,306	0,001	0,007	0,072	FALSE
0,131	0,303	0,003	0,007	0,165	FALSE
-0,085	0,310	-0,002	0,009	0,095	FALSE
0,157	0,306	0,003	0,007	0,183	FALSE
0,051	0,291	0,001	0,013	0,036	FALSE
-0,095	0,305	-0,003	0,009	0,151	FALSE
0,088	0,310	0,003	0,010	0,107	FALSE
-0,148	0,306	-0,006	0,013	0,207	FALSE
0,003	0,303	0,000	0,009	0,019	FALSE
-0,076	0,319	-0,001	0,006	0,087	FALSE
0,170	0,282	0,005	0,009	0,259	FALSE
0,032	0,298	0,001	0,006	0,039	FALSE
0,106	0,299	0,004	0,010	0,149	FALSE
-0,069	0,321	-0,002	0,012	0,079	FALSE
0,146	0,310	0,005	0,011	0,192	FALSE
0,125	0,315	0,004	0,011	0,164	FALSE
-0,125	0,307	-0,004	0,012	0,152	FALSE
-0,140	0,308	-0,005	0,011	0,172	FALSE
-0,086	0,303	-0,002	0,007	0,099	FALSE
-0,116	0,302	-0,004	0,011	0,131	FALSE
-0,008	0,307	0,000	0,009	0,009	FALSE
-0,132	0,303	-0,004	0,011	0,156	FALSE
-0,131	0,302	-0,005	0,011	0,166	FALSE
0,210	0,295	0,007	0,010	0,318	FALSE
-0,107	0,316	-0,004	0,012	0,123	FALSE
-0,138	0,305	-0,004	0,009	0,168	FALSE
-0,103	0,305	-0,004	0,010	0,136	FALSE
-0,019	0,292	-0,001	0,012	0,027	FALSE
0,057	0,324	0,003	0,011	0,091	FALSE
0,090	0,302	0,003	0,012	0,110	FALSE
-0,001	0,314	0,000	0,007	0,008	FALSE
-0,060	0,304	-0,002	0,008	0,087	FALSE
0,067	0,310	0,002	0,008	0,082	FALSE

-0,127	0,301	-0,004	0,011	0,137	FALSE
0,033	0,309	0,000	0,013	0,005	FALSE
0,098	0,305	0,003	0,013	0,096	FALSE
0,174	0,299	0,004	0,007	0,259	FALSE
-0,006	0,305	0,000	0,011	0,002	FALSE
-0,064	0,322	-0,003	0,013	0,076	FALSE
-0,031	0,296	-0,001	0,007	0,047	FALSE
0,079	0,313	0,003	0,013	0,080	FALSE
0,135	0,286	0,006	0,011	0,221	FALSE
0,005	0,309	0,001	0,007	0,036	FALSE
-0,001	0,313	-0,001	0,012	0,021	FALSE
0,022	0,315	0,001	0,010	0,022	FALSE
0,019	0,313	0,000	0,007	0,014	FALSE
0,144	0,304	0,007	0,012	0,237	FALSE
0,126	0,309	0,005	0,012	0,167	FALSE
0,133	0,309	0,005	0,011	0,207	FALSE
-0,114	0,294	-0,005	0,012	0,156	FALSE
0,094	0,295	0,004	0,010	0,157	FALSE
-0,105	0,313	-0,005	0,013	0,152	FALSE
-0,019	0,309	-0,001	0,008	0,037	FALSE
0,023	0,299	0,000	0,009	0,005	FALSE
-0,038	0,305	-0,001	0,010	0,038	FALSE
0,020	0,317	0,001	0,008	0,022	FALSE
0,019	0,312	0,001	0,013	0,035	FALSE
-0,039	0,321	-0,001	0,007	0,057	FALSE
0,016	0,314	0,001	0,013	0,028	FALSE
-0,042	0,303	-0,001	0,011	0,043	FALSE
-0,030	0,301	0,000	0,010	0,013	FALSE
-0,034	0,307	-0,001	0,007	0,030	FALSE
-0,050	0,310	-0,001	0,010	0,053	FALSE
-0,041	0,317	-0,001	0,010	0,043	FALSE
-0,046	0,328	-0,001	0,012	0,042	FALSE
0,002	0,303	-0,001	0,011	0,028	FALSE
-0,014	0,314	0,000	0,009	0,012	FALSE
0,001	0,307	0,001	0,009	0,030	FALSE
-0,155	0,302	-0,003	0,007	0,219	FALSE
-0,049	0,306	-0,001	0,012	0,028	FALSE
0,115	0,315	0,004	0,010	0,145	FALSE
0,037	0,316	0,001	0,008	0,054	FALSE
-0,038	0,303	-0,001	0,010	0,043	FALSE
-0,039	0,299	-0,001	0,012	0,036	FALSE
0,046	0,302	0,002	0,010	0,066	FALSE
-0,051	0,314	-0,002	0,013	0,071	FALSE
-0,105	0,321	-0,003	0,007	0,138	FALSE
0,058	0,316	0,003	0,012	0,084	FALSE
-0,020	0,317	0,000	0,009	0,017	FALSE
-0,029	0,326	-0,001	0,007	0,050	FALSE
0,006	0,309	0,000	0,010	0,015	FALSE
0,019	0,302	0,001	0,009	0,025	FALSE
0,047	0,307	0,001	0,007	0,049	FALSE
0,119	0,304	0,003	0,009	0,148	FALSE
0,010	0,321	0,001	0,009	0,030	FALSE
0,005	0,291	0,000	0,008	0,001	FALSE

-0,054	0,306	-0,002	0,008	0,077	FALSE
0,100	0,301	0,004	0,013	0,118	FALSE
-0,022	0,322	-0,001	0,012	0,027	FALSE
0,040	0,319	0,001	0,012	0,040	FALSE
0,132	0,319	0,006	0,013	0,174	FALSE
0,135	0,291	0,004	0,009	0,167	FALSE
-0,067	0,293	-0,002	0,011	0,063	FALSE
-0,234	0,302	-0,007	0,010	0,322	FALSE
-0,063	0,299	-0,002	0,008	0,070	FALSE
0,135	0,293	0,003	0,009	0,149	FALSE
0,099	0,303	0,002	0,010	0,081	FALSE
0,092	0,299	0,002	0,009	0,089	FALSE
-0,192	0,287	-0,004	0,006	0,304	FALSE
0,140	0,304	0,006	0,012	0,219	FALSE
-0,186	0,302	-0,004	0,007	0,285	FALSE
-0,156	0,305	-0,004	0,007	0,223	FALSE
0,081	0,324	0,002	0,009	0,096	FALSE
-0,157	0,305	-0,004	0,008	0,215	FALSE
-0,135	0,308	-0,003	0,008	0,184	FALSE
-0,135	0,304	-0,004	0,008	0,197	FALSE
0,118	0,308	0,004	0,009	0,170	FALSE
0,119	0,313	0,004	0,009	0,166	FALSE
0,152	0,303	0,005	0,010	0,209	FALSE
0,116	0,306	0,004	0,010	0,162	FALSE
0,077	0,297	0,003	0,012	0,083	FALSE
0,107	0,306	0,004	0,013	0,113	FALSE
-0,107	0,303	-0,004	0,012	0,139	FALSE
0,099	0,295	0,002	0,006	0,132	FALSE
0,227	0,302	0,005	0,007	0,287	FALSE
0,198	0,295	0,008	0,013	0,274	FALSE
-0,140	0,295	-0,003	0,006	0,164	FALSE
0,045	0,305	0,002	0,011	0,063	FALSE
0,031	0,303	0,001	0,011	0,047	FALSE
0,044	0,316	0,002	0,007	0,087	FALSE
-0,058	0,316	-0,002	0,007	0,081	FALSE
0,096	0,310	0,002	0,007	0,132	FALSE
-0,158	0,302	-0,006	0,012	0,222	FALSE
-0,099	0,297	-0,002	0,007	0,131	FALSE
-0,064	0,310	-0,002	0,010	0,081	FALSE
-0,100	0,299	-0,004	0,010	0,141	FALSE
0,103	0,306	0,004	0,011	0,127	FALSE
0,001	0,298	0,000	0,013	0,003	FALSE
-0,007	0,294	0,000	0,010	0,014	FALSE
-0,041	0,316	-0,001	0,007	0,038	FALSE
0,112	0,301	0,005	0,013	0,169	FALSE
0,144	0,298	0,004	0,008	0,186	FALSE
0,092	0,314	0,002	0,008	0,109	FALSE
-0,140	0,309	-0,004	0,009	0,204	FALSE
0,002	0,306	0,000	0,012	0,002	FALSE
0,052	0,309	0,003	0,013	0,080	FALSE
-0,014	0,298	0,000	0,012	0,010	FALSE
-0,057	0,305	-0,003	0,011	0,090	FALSE
-0,073	0,309	-0,003	0,011	0,105	FALSE

-0,006	0,312	0,000	0,012	0,005	FALSE
-0,075	0,303	-0,004	0,012	0,143	FALSE
0,044	0,314	0,001	0,013	0,036	FALSE
-0,009	0,305	0,000	0,010	0,004	FALSE
-0,039	0,312	-0,001	0,007	0,066	FALSE
-0,070	0,290	-0,002	0,012	0,061	FALSE
-0,066	0,300	-0,002	0,012	0,066	FALSE
-0,067	0,300	-0,002	0,009	0,093	FALSE
-0,091	0,308	-0,003	0,010	0,107	FALSE
-0,197	0,301	-0,009	0,013	0,317	FALSE
-0,185	0,317	-0,007	0,011	0,267	FALSE
0,032	0,307	0,002	0,009	0,078	FALSE
0,070	0,306	0,002	0,013	0,052	FALSE
0,134	0,321	0,003	0,009	0,143	FALSE
-0,037	0,303	-0,002	0,012	0,052	FALSE
-0,060	0,310	-0,003	0,012	0,085	FALSE
0,155	0,310	0,005	0,010	0,201	FALSE
-0,022	0,303	-0,002	0,012	0,049	FALSE
-0,030	0,295	-0,001	0,006	0,038	FALSE
-0,084	0,308	-0,002	0,013	0,071	FALSE
-0,054	0,296	-0,001	0,012	0,045	FALSE
-0,098	0,319	-0,003	0,010	0,105	FALSE
0,140	0,302	0,004	0,007	0,211	FALSE
0,047	0,317	0,002	0,012	0,070	FALSE
0,052	0,292	0,001	0,008	0,055	FALSE
0,120	0,305	0,004	0,010	0,147	FALSE
0,063	0,284	0,001	0,007	0,067	FALSE
0,058	0,293	0,001	0,007	0,068	FALSE
-0,197	0,300	-0,004	0,007	0,264	FALSE
-0,084	0,307	-0,003	0,010	0,104	FALSE
-0,096	0,321	-0,003	0,011	0,113	FALSE
-0,133	0,306	-0,004	0,010	0,173	FALSE
0,154	0,304	0,003	0,006	0,192	FALSE
-0,026	0,296	-0,001	0,008	0,046	FALSE
-0,047	0,304	-0,001	0,011	0,039	FALSE
-0,040	0,296	-0,001	0,011	0,030	FALSE
-0,112	0,306	-0,004	0,011	0,139	FALSE
-0,073	0,310	-0,001	0,006	0,074	FALSE
-0,122	0,311	-0,003	0,007	0,144	FALSE
-0,203	0,302	-0,008	0,011	0,300	FALSE
-0,056	0,295	-0,003	0,011	0,091	FALSE
-0,047	0,310	0,000	0,007	0,019	FALSE
-0,019	0,302	-0,001	0,011	0,025	FALSE
0,017	0,307	0,000	0,013	0,002	FALSE
-0,009	0,305	0,000	0,010	0,007	FALSE
-0,027	0,318	0,000	0,011	0,007	FALSE
-0,028	0,304	-0,001	0,009	0,042	FALSE
0,216	0,304	0,007	0,009	0,350	FALSE
-0,035	0,310	-0,001	0,007	0,049	FALSE
0,027	0,299	0,001	0,008	0,049	FALSE
0,035	0,291	0,001	0,008	0,045	FALSE
0,085	0,312	0,003	0,012	0,095	FALSE
-0,049	0,312	-0,001	0,008	0,065	FALSE

-0,151	0,308	-0,005	0,010	0,193	FALSE
0,003	0,313	-0,001	0,012	0,017	FALSE
0,080	0,314	0,003	0,010	0,105	FALSE
-0,013	0,313	-0,001	0,012	0,029	FALSE
-0,004	0,303	0,000	0,008	0,011	FALSE
-0,055	0,317	-0,002	0,011	0,070	FALSE
0,011	0,312	0,000	0,012	0,002	FALSE
-0,004	0,311	0,000	0,008	0,003	FALSE
-0,011	0,307	-0,001	0,012	0,015	FALSE
0,030	0,307	0,001	0,012	0,040	FALSE
-0,008	0,309	0,000	0,011	0,011	FALSE
-0,031	0,314	-0,001	0,011	0,044	FALSE
-0,078	0,321	-0,002	0,012	0,074	FALSE
0,023	0,312	0,001	0,011	0,041	FALSE
0,001	0,305	0,000	0,011	0,014	FALSE
-0,018	0,307	0,000	0,012	0,002	FALSE
-0,027	0,315	-0,001	0,010	0,030	FALSE
0,045	0,303	0,002	0,009	0,062	FALSE
-0,018	0,316	-0,001	0,013	0,021	FALSE
0,047	0,315	0,001	0,008	0,060	FALSE
-0,118	0,310	-0,004	0,009	0,166	FALSE
0,086	0,299	0,002	0,007	0,096	FALSE
0,090	0,301	0,003	0,009	0,141	FALSE
0,075	0,319	0,002	0,008	0,085	FALSE
0,038	0,300	0,002	0,009	0,093	FALSE
-0,024	0,308	-0,001	0,008	0,032	FALSE
0,045	0,313	0,001	0,010	0,040	FALSE
0,051	0,317	0,002	0,010	0,061	FALSE
-0,053	0,308	-0,002	0,008	0,085	FALSE
-0,025	0,298	-0,001	0,009	0,044	FALSE
-0,028	0,314	-0,001	0,011	0,041	FALSE
0,002	0,301	0,000	0,009	0,016	FALSE
-0,069	0,312	-0,002	0,008	0,076	FALSE
-0,064	0,326	-0,003	0,009	0,105	FALSE
0,038	0,290	0,000	0,012	0,008	FALSE
0,017	0,318	0,001	0,008	0,039	FALSE
0,119	0,286	0,005	0,012	0,154	FALSE
0,114	0,298	0,004	0,012	0,155	FALSE
0,105	0,302	0,004	0,012	0,136	FALSE
0,009	0,306	0,001	0,009	0,020	FALSE
0,016	0,312	0,001	0,012	0,038	FALSE
0,099	0,321	0,003	0,008	0,144	FALSE
0,051	0,314	0,002	0,010	0,071	FALSE
0,102	0,305	0,003	0,011	0,117	FALSE
-0,023	0,299	0,000	0,012	0,001	FALSE
0,063	0,305	0,001	0,009	0,059	FALSE
-0,087	0,298	-0,002	0,007	0,118	FALSE
-0,010	0,327	-0,001	0,014	0,020	FALSE
0,003	0,311	0,001	0,011	0,036	FALSE
-0,104	0,303	-0,003	0,007	0,161	FALSE
0,030	0,302	0,000	0,010	0,010	FALSE
0,034	0,311	0,002	0,012	0,055	FALSE
0,024	0,313	0,001	0,007	0,026	FALSE

0,144	0,305	0,005	0,011	0,185	FALSE
-0,044	0,300	-0,001	0,006	0,040	FALSE
-0,044	0,316	-0,001	0,007	0,086	FALSE
-0,036	0,301	-0,001	0,011	0,034	FALSE
-0,106	0,298	-0,002	0,007	0,136	FALSE
-0,322	0,286	-0,009	0,008	0,575	FALSE
-0,053	0,317	-0,002	0,009	0,084	FALSE
0,071	0,297	0,003	0,012	0,107	FALSE
0,026	0,314	0,001	0,013	0,033	FALSE
0,021	0,317	0,001	0,007	0,040	FALSE
0,030	0,318	0,001	0,013	0,028	FALSE
-0,037	0,304	-0,001	0,011	0,041	FALSE
-0,074	0,305	-0,003	0,008	0,138	FALSE
-0,134	0,299	-0,004	0,007	0,217	FALSE
-0,191	0,297	-0,006	0,008	0,315	FALSE
-0,173	0,296	-0,006	0,009	0,315	FALSE
-0,077	0,317	-0,002	0,009	0,092	FALSE
-0,114	0,305	-0,003	0,010	0,134	FALSE
-0,019	0,311	0,000	0,007	0,015	FALSE
0,035	0,321	0,001	0,007	0,037	FALSE
-0,014	0,312	0,000	0,007	0,012	FALSE
-0,055	0,317	-0,001	0,007	0,070	FALSE
-0,071	0,311	-0,002	0,007	0,080	FALSE
-0,001	0,317	0,000	0,013	0,009	FALSE
-0,051	0,303	-0,002	0,007	0,089	FALSE
0,069	0,309	0,002	0,009	0,098	FALSE
-0,050	0,309	-0,001	0,009	0,052	FALSE
-0,052	0,303	-0,002	0,008	0,083	FALSE
-0,178	0,298	-0,004	0,007	0,264	FALSE
0,035	0,311	0,001	0,008	0,033	FALSE
0,021	0,305	0,001	0,009	0,023	FALSE
0,004	0,314	0,000	0,012	0,000	FALSE
0,028	0,324	0,001	0,011	0,031	FALSE
0,008	0,307	0,000	0,012	0,013	FALSE
0,111	0,298	0,004	0,008	0,175	FALSE
-0,233	0,299	-0,010	0,013	0,354	FALSE
0,064	0,304	0,002	0,013	0,054	FALSE
0,134	0,308	0,003	0,006	0,179	FALSE
-0,156	0,291	-0,005	0,011	0,203	FALSE
-0,032	0,302	-0,001	0,010	0,021	FALSE
0,098	0,307	0,002	0,008	0,103	FALSE
0,053	0,294	0,003	0,013	0,080	FALSE
0,086	0,304	0,003	0,011	0,120	FALSE
0,173	0,289	0,007	0,012	0,253	FALSE
-0,059	0,299	-0,002	0,007	0,095	FALSE
-0,033	0,310	-0,001	0,007	0,037	FALSE
0,051	0,307	0,001	0,007	0,069	FALSE
-0,133	0,299	-0,004	0,008	0,186	FALSE
-0,132	0,308	-0,004	0,008	0,187	FALSE
0,111	0,313	0,003	0,011	0,110	FALSE
0,001	0,311	0,000	0,011	0,000	FALSE
-0,066	0,305	-0,002	0,008	0,084	FALSE
-0,088	0,321	-0,002	0,008	0,084	FALSE

-0,133	0,315	-0,003	0,008	0,163	FALSE
-0,023	0,325	-0,001	0,007	0,037	FALSE
0,158	0,308	0,004	0,010	0,180	FALSE
-0,043	0,311	-0,001	0,009	0,046	FALSE
-0,002	0,323	0,000	0,011	0,004	FALSE
-0,123	0,306	-0,005	0,013	0,168	FALSE
-0,061	0,306	-0,002	0,007	0,105	FALSE
-0,044	0,314	-0,001	0,007	0,025	FALSE
-0,105	0,315	-0,004	0,010	0,152	FALSE
-0,131	0,313	-0,005	0,012	0,186	FALSE
-0,084	0,301	-0,001	0,008	0,066	FALSE
-0,084	0,303	-0,002	0,008	0,076	FALSE
-0,095	0,318	-0,002	0,008	0,083	FALSE
-0,064	0,313	-0,001	0,008	0,043	FALSE
-0,078	0,311	-0,001	0,008	0,057	FALSE
-0,096	0,317	-0,002	0,008	0,079	FALSE
-0,076	0,320	-0,001	0,008	0,062	FALSE
-0,054	0,303	-0,001	0,008	0,044	FALSE
-0,057	0,318	-0,002	0,007	0,103	FALSE
-0,032	0,307	0,000	0,008	0,021	FALSE
-0,050	0,311	-0,002	0,012	0,052	FALSE
-0,073	0,313	-0,003	0,013	0,074	FALSE
0,035	0,320	0,001	0,008	0,043	FALSE
0,134	0,318	0,005	0,012	0,182	FALSE
0,179	0,290	0,007	0,011	0,279	FALSE
-0,100	0,313	-0,002	0,008	0,115	FALSE
-0,135	0,296	-0,004	0,010	0,182	FALSE
0,064	0,312	0,002	0,008	0,116	FALSE
0,038	0,314	0,002	0,011	0,049	FALSE
-0,073	0,318	-0,002	0,008	0,083	FALSE
-0,042	0,311	-0,001	0,007	0,029	FALSE
0,022	0,310	0,000	0,008	0,022	FALSE
-0,015	0,300	0,000	0,006	0,005	FALSE
0,078	0,299	0,003	0,012	0,085	FALSE
0,053	0,293	0,001	0,009	0,058	FALSE
-0,092	0,325	-0,002	0,008	0,071	FALSE
-0,144	0,312	-0,004	0,009	0,190	FALSE
-0,025	0,309	-0,001	0,010	0,039	FALSE
0,022	0,318	0,001	0,009	0,040	FALSE
-0,032	0,322	-0,001	0,012	0,042	FALSE
-0,092	0,305	-0,002	0,006	0,144	FALSE
0,006	0,288	0,000	0,011	0,000	FALSE
-0,045	0,295	-0,001	0,006	0,043	FALSE
0,028	0,315	0,000	0,013	0,004	FALSE
0,040	0,300	0,001	0,013	0,026	FALSE
0,069	0,301	0,002	0,007	0,090	FALSE
-0,007	0,300	0,000	0,008	0,010	FALSE
0,078	0,307	0,002	0,010	0,087	FALSE
0,083	0,311	0,003	0,011	0,091	FALSE
-0,140	0,308	-0,005	0,012	0,196	FALSE
0,096	0,304	0,003	0,008	0,167	FALSE
0,082	0,302	0,003	0,013	0,104	FALSE
-0,039	0,305	-0,001	0,010	0,034	FALSE

0,040	0,308	0,001	0,009	0,052	FALSE
0,083	0,304	0,003	0,007	0,150	FALSE
-0,093	0,298	-0,004	0,013	0,126	FALSE
0,045	0,307	0,002	0,012	0,048	FALSE
0,020	0,316	0,001	0,012	0,036	FALSE
-0,153	0,303	-0,006	0,013	0,204	FALSE
-0,231	0,287	-0,010	0,013	0,346	FALSE
0,072	0,314	0,002	0,010	0,067	FALSE
-0,103	0,308	-0,003	0,007	0,170	FALSE
0,108	0,302	0,002	0,007	0,117	FALSE
0,103	0,295	0,002	0,006	0,114	FALSE
-0,169	0,313	-0,007	0,012	0,243	FALSE
-0,075	0,288	-0,003	0,013	0,080	FALSE
-0,025	0,303	0,000	0,007	0,005	FALSE
-0,071	0,307	-0,003	0,011	0,089	FALSE
0,063	0,295	0,001	0,006	0,049	FALSE
0,125	0,310	0,005	0,013	0,173	FALSE
0,153	0,312	0,007	0,013	0,223	FALSE
0,031	0,307	0,000	0,010	0,010	FALSE
-0,036	0,313	-0,001	0,009	0,047	FALSE
-0,081	0,305	-0,003	0,009	0,117	FALSE
-0,061	0,312	-0,002	0,009	0,077	FALSE
0,198	0,298	0,005	0,007	0,311	FALSE
0,008	0,313	0,001	0,007	0,039	FALSE
-0,013	0,311	-0,001	0,013	0,029	FALSE
0,042	0,305	0,002	0,013	0,063	FALSE
-0,017	0,308	0,000	0,007	0,002	FALSE
0,043	0,308	0,002	0,013	0,054	FALSE
-0,015	0,311	0,000	0,009	0,010	FALSE
0,062	0,300	0,002	0,010	0,095	FALSE
-0,066	0,311	-0,001	0,007	0,061	FALSE
-0,121	0,305	-0,005	0,013	0,168	FALSE
0,064	0,296	0,003	0,010	0,121	FALSE
0,058	0,300	0,003	0,010	0,105	FALSE
0,077	0,315	0,002	0,013	0,071	FALSE
-0,036	0,312	-0,002	0,009	0,071	FALSE
0,017	0,310	0,000	0,010	0,014	FALSE
0,122	0,308	0,004	0,009	0,160	FALSE
-0,195	0,307	-0,005	0,009	0,282	FALSE
-0,173	0,312	-0,006	0,011	0,255	FALSE
-0,001	0,312	0,000	0,010	0,008	FALSE
-0,065	0,307	-0,002	0,013	0,064	FALSE
-0,022	0,293	0,000	0,007	0,011	FALSE
-0,084	0,297	-0,004	0,012	0,139	FALSE
-0,143	0,294	-0,004	0,008	0,172	FALSE
0,122	0,311	0,003	0,008	0,135	FALSE
-0,019	0,291	0,000	0,011	0,000	FALSE
-0,045	0,304	-0,002	0,010	0,057	FALSE
-0,014	0,307	-0,001	0,012	0,017	FALSE
-0,045	0,298	-0,001	0,008	0,038	FALSE
0,144	0,299	0,003	0,006	0,202	FALSE
-0,115	0,309	-0,003	0,007	0,146	FALSE
-0,098	0,305	-0,002	0,007	0,140	FALSE

-0,027	0,290	0,000	0,009	0,013	FALSE
-0,080	0,288	-0,002	0,009	0,092	FALSE
0,135	0,296	0,005	0,009	0,213	FALSE
0,007	0,312	0,001	0,011	0,022	FALSE
0,018	0,308	0,001	0,012	0,025	FALSE
0,138	0,310	0,006	0,013	0,198	FALSE
0,158	0,298	0,004	0,008	0,232	FALSE
0,131	0,307	0,003	0,008	0,183	FALSE
0,154	0,313	0,003	0,007	0,184	FALSE
-0,080	0,311	-0,002	0,009	0,103	FALSE
0,128	0,311	0,003	0,006	0,180	FALSE
0,056	0,317	0,002	0,008	0,086	FALSE
0,048	0,315	0,002	0,008	0,074	FALSE
-0,013	0,293	0,000	0,012	0,000	FALSE
0,000	0,314	0,000	0,011	0,009	FALSE
0,094	0,311	0,004	0,012	0,123	FALSE
0,022	0,315	0,001	0,011	0,045	FALSE
-0,063	0,319	-0,003	0,013	0,082	FALSE
0,078	0,305	0,003	0,011	0,104	FALSE
0,068	0,310	0,002	0,011	0,080	FALSE
-0,034	0,309	-0,001	0,009	0,039	FALSE
-0,088	0,298	-0,003	0,009	0,115	FALSE
-0,055	0,293	-0,001	0,007	0,048	FALSE
-0,155	0,310	-0,004	0,010	0,194	FALSE
0,140	0,307	0,004	0,007	0,213	FALSE
-0,009	0,293	0,000	0,008	0,014	FALSE
-0,159	0,297	-0,006	0,012	0,200	FALSE
-0,022	0,321	0,000	0,007	0,010	FALSE
-0,096	0,316	-0,002	0,007	0,116	FALSE
-0,045	0,312	-0,003	0,012	0,084	FALSE
0,127	0,311	0,004	0,009	0,174	FALSE
-0,083	0,307	-0,002	0,009	0,088	FALSE
-0,014	0,314	0,000	0,007	0,009	FALSE
0,075	0,324	0,003	0,013	0,082	FALSE
-0,068	0,314	-0,002	0,009	0,084	FALSE
-0,013	0,302	-0,001	0,009	0,027	FALSE
-0,005	0,312	-0,001	0,009	0,028	FALSE
0,015	0,312	0,000	0,006	0,017	FALSE
-0,014	0,305	0,000	0,011	0,003	FALSE
-0,013	0,320	0,000	0,013	0,003	FALSE
0,027	0,297	0,001	0,009	0,046	FALSE
0,017	0,298	0,000	0,007	0,008	FALSE
0,066	0,288	0,002	0,013	0,070	FALSE
0,037	0,299	0,001	0,013	0,032	FALSE
0,099	0,295	0,002	0,007	0,140	FALSE
0,051	0,320	0,001	0,007	0,066	FALSE
0,065	0,305	0,001	0,007	0,074	FALSE
0,040	0,310	0,001	0,007	0,042	FALSE
-0,010	0,304	-0,001	0,008	0,036	FALSE
0,059	0,314	0,002	0,012	0,066	FALSE
0,032	0,301	0,001	0,011	0,029	FALSE
-0,054	0,314	-0,002	0,010	0,076	FALSE
-0,012	0,310	0,000	0,008	0,016	FALSE

-0,101	0,310	-0,002	0,007	0,125	FALSE
0,060	0,310	0,002	0,013	0,070	FALSE
0,043	0,292	0,001	0,011	0,040	FALSE
-0,012	0,315	-0,001	0,012	0,018	FALSE
-0,028	0,296	-0,001	0,009	0,044	FALSE
0,040	0,310	0,001	0,008	0,056	FALSE
-0,033	0,320	-0,001	0,011	0,031	FALSE
-0,193	0,298	-0,004	0,007	0,279	FALSE
-0,046	0,308	-0,001	0,011	0,045	FALSE
-0,013	0,317	0,000	0,007	0,008	FALSE
-0,014	0,304	-0,001	0,012	0,023	FALSE
-0,092	0,304	-0,003	0,009	0,119	FALSE
-0,049	0,298	-0,002	0,008	0,075	FALSE
0,153	0,307	0,005	0,009	0,237	FALSE
0,062	0,299	0,001	0,007	0,064	FALSE
-0,125	0,302	-0,003	0,008	0,177	FALSE
-0,004	0,318	-0,001	0,011	0,023	FALSE
-0,028	0,312	0,000	0,010	0,006	FALSE
0,035	0,310	0,001	0,012	0,016	FALSE
0,097	0,307	0,003	0,011	0,089	FALSE
0,060	0,319	0,002	0,008	0,087	FALSE
0,031	0,316	0,001	0,009	0,034	FALSE
-0,013	0,318	0,000	0,006	0,004	FALSE
0,031	0,313	0,001	0,008	0,031	FALSE
0,179	0,308	0,007	0,012	0,236	FALSE
-0,075	0,308	-0,002	0,007	0,091	FALSE
0,022	0,300	0,000	0,007	0,019	FALSE
-0,105	0,304	-0,004	0,012	0,131	FALSE
0,082	0,293	0,003	0,011	0,110	FALSE
0,041	0,315	0,002	0,014	0,046	FALSE
0,022	0,295	0,000	0,012	0,001	FALSE
0,153	0,314	0,005	0,012	0,180	FALSE
-0,069	0,304	-0,002	0,013	0,069	FALSE
-0,043	0,295	-0,001	0,012	0,031	FALSE
0,032	0,307	0,001	0,007	0,049	FALSE
0,058	0,316	0,002	0,013	0,070	FALSE
-0,041	0,312	-0,001	0,012	0,033	FALSE
0,014	0,305	0,000	0,007	0,007	FALSE
-0,066	0,305	-0,003	0,013	0,085	FALSE
-0,108	0,300	-0,003	0,007	0,161	FALSE
-0,112	0,304	-0,005	0,011	0,172	FALSE
-0,223	0,285	-0,006	0,007	0,409	FALSE
0,100	0,318	0,004	0,010	0,147	FALSE
0,115	0,315	0,003	0,007	0,159	FALSE
0,051	0,309	0,001	0,007	0,063	FALSE
0,103	0,299	0,003	0,008	0,160	FALSE
-0,020	0,293	-0,001	0,007	0,061	FALSE
0,020	0,318	0,001	0,008	0,041	FALSE
0,062	0,305	0,003	0,011	0,093	FALSE
-0,012	0,318	0,000	0,011	0,010	FALSE
-0,023	0,313	0,000	0,007	0,020	FALSE
-0,058	0,302	-0,001	0,007	0,053	FALSE
-0,104	0,332	-0,003	0,008	0,126	FALSE

-0,142	0,312	-0,003	0,008	0,164	FALSE
-0,038	0,306	-0,001	0,009	0,032	FALSE
0,007	0,310	0,000	0,008	0,019	FALSE
0,111	0,306	0,003	0,010	0,124	FALSE
-0,111	0,299	-0,005	0,012	0,179	FALSE
0,117	0,294	0,002	0,006	0,150	FALSE
0,085	0,310	0,003	0,010	0,113	FALSE
-0,026	0,305	0,000	0,010	0,005	FALSE
-0,042	0,308	-0,001	0,008	0,023	FALSE
-0,085	0,307	-0,002	0,008	0,083	FALSE
0,102	0,308	0,004	0,010	0,161	FALSE
-0,019	0,304	0,000	0,007	0,005	FALSE
-0,077	0,299	-0,003	0,011	0,093	FALSE
-0,008	0,319	-0,001	0,012	0,020	FALSE
0,081	0,309	0,003	0,011	0,094	FALSE
0,073	0,310	0,002	0,007	0,107	FALSE
0,069	0,311	0,002	0,006	0,093	FALSE
0,062	0,315	0,001	0,007	0,076	FALSE
0,188	0,301	0,006	0,009	0,268	FALSE
-0,002	0,299	-0,001	0,006	0,037	FALSE
-0,137	0,315	-0,005	0,012	0,192	FALSE
-0,138	0,305	-0,003	0,007	0,170	FALSE
0,007	0,311	0,000	0,008	0,006	FALSE
0,060	0,340	0,002	0,009	0,066	FALSE
-0,049	0,312	-0,001	0,007	0,042	FALSE
-0,115	0,289	-0,002	0,006	0,152	FALSE
-0,078	0,292	-0,002	0,006	0,091	FALSE
0,098	0,319	0,002	0,008	0,117	FALSE
0,090	0,326	0,003	0,010	0,117	FALSE
-0,022	0,298	-0,001	0,008	0,036	FALSE
-0,037	0,297	-0,001	0,007	0,027	FALSE
-0,046	0,312	-0,002	0,011	0,071	FALSE
0,071	0,301	0,002	0,007	0,093	FALSE
-0,142	0,297	-0,005	0,012	0,183	FALSE
-0,090	0,294	-0,002	0,010	0,075	FALSE
-0,171	0,306	-0,006	0,012	0,220	FALSE
-0,129	0,311	-0,004	0,010	0,183	FALSE
-0,155	0,309	-0,005	0,010	0,212	FALSE
-0,063	0,302	-0,001	0,006	0,081	FALSE
0,105	0,301	0,003	0,010	0,122	FALSE
-0,045	0,320	-0,001	0,009	0,026	FALSE
-0,062	0,287	-0,001	0,007	0,081	FALSE
-0,022	0,310	0,000	0,007	0,018	FALSE
0,033	0,325	0,001	0,013	0,029	FALSE
0,059	0,295	0,002	0,008	0,087	FALSE
-0,098	0,318	-0,002	0,009	0,102	FALSE
-0,032	0,311	0,000	0,007	0,015	FALSE
0,040	0,304	0,001	0,008	0,058	FALSE
-0,020	0,293	-0,001	0,013	0,027	FALSE
-0,051	0,301	-0,002	0,011	0,078	FALSE
-0,030	0,320	0,000	0,010	0,009	FALSE
-0,013	0,303	0,000	0,006	0,001	FALSE
0,138	0,319	0,004	0,010	0,182	FALSE

-0,168	0,295	-0,007	0,012	0,255	FALSE
0,093	0,309	0,004	0,012	0,136	FALSE
0,139	0,287	0,005	0,011	0,215	FALSE
-0,098	0,312	-0,003	0,009	0,153	FALSE
-0,015	0,308	0,000	0,013	0,002	FALSE
0,103	0,296	0,002	0,007	0,107	FALSE
-0,054	0,305	-0,001	0,006	0,041	FALSE
0,026	0,295	0,000	0,010	0,016	FALSE
0,007	0,319	0,001	0,010	0,024	FALSE
0,001	0,302	0,000	0,009	0,015	FALSE
0,065	0,319	0,002	0,010	0,060	FALSE
-0,037	0,297	-0,001	0,008	0,052	FALSE
0,012	0,301	0,001	0,009	0,027	FALSE
0,024	0,312	0,001	0,010	0,042	FALSE
0,002	0,301	0,000	0,010	0,005	FALSE
-0,053	0,299	-0,001	0,008	0,042	FALSE
-0,130	0,299	-0,005	0,012	0,164	FALSE
-0,129	0,295	-0,005	0,012	0,160	FALSE
-0,089	0,300	-0,003	0,012	0,096	FALSE
-0,140	0,308	-0,006	0,012	0,219	FALSE
-0,051	0,320	-0,001	0,007	0,055	FALSE
0,091	0,308	0,004	0,013	0,121	FALSE
-0,006	0,292	0,000	0,012	0,014	FALSE
-0,031	0,302	-0,001	0,011	0,032	FALSE
-0,061	0,309	-0,003	0,012	0,080	FALSE
0,140	0,309	0,004	0,008	0,191	FALSE
0,011	0,293	0,001	0,008	0,051	FALSE
-0,032	0,312	-0,001	0,008	0,048	FALSE
-0,047	0,290	-0,001	0,007	0,039	FALSE
-0,011	0,325	0,000	0,009	0,002	FALSE
-0,040	0,314	-0,002	0,012	0,048	FALSE
0,057	0,288	0,004	0,012	0,123	FALSE
-0,078	0,309	-0,002	0,012	0,069	FALSE
0,053	0,325	0,002	0,011	0,080	FALSE
0,082	0,318	0,002	0,007	0,133	FALSE
0,093	0,312	0,004	0,013	0,127	FALSE
-0,026	0,301	0,000	0,007	0,013	FALSE
0,008	0,319	0,000	0,010	0,008	FALSE
0,019	0,306	0,001	0,011	0,037	FALSE
0,017	0,316	0,000	0,010	0,009	FALSE
0,010	0,309	0,000	0,013	0,012	FALSE
0,114	0,302	0,006	0,012	0,196	FALSE
-0,004	0,319	0,000	0,009	0,013	FALSE
0,048	0,309	0,001	0,008	0,071	FALSE
0,165	0,301	0,008	0,013	0,268	FALSE
0,007	0,308	0,000	0,007	0,010	FALSE
-0,054	0,306	-0,001	0,007	0,067	FALSE
0,074	0,292	0,003	0,013	0,099	FALSE
0,134	0,294	0,004	0,007	0,199	FALSE
-0,061	0,321	-0,002	0,008	0,081	FALSE
-0,043	0,304	-0,001	0,009	0,048	FALSE
-0,074	0,308	-0,002	0,009	0,077	FALSE
-0,030	0,307	-0,001	0,007	0,032	FALSE

-0,030	0,311	0,000	0,009	0,019	FALSE
-0,171	0,298	-0,007	0,012	0,234	FALSE
-0,188	0,312	-0,007	0,012	0,260	FALSE
-0,116	0,306	-0,004	0,013	0,130	FALSE
0,053	0,296	0,002	0,012	0,068	FALSE
0,071	0,302	0,002	0,012	0,073	FALSE
0,081	0,308	0,003	0,013	0,100	FALSE
0,029	0,304	0,001	0,010	0,039	FALSE
0,124	0,311	0,004	0,009	0,191	FALSE
-0,182	0,296	-0,006	0,010	0,259	FALSE
-0,068	0,322	-0,003	0,011	0,101	FALSE
0,020	0,316	0,001	0,010	0,038	FALSE
0,019	0,313	0,001	0,007	0,033	FALSE
-0,036	0,314	-0,002	0,011	0,068	FALSE
0,052	0,307	0,001	0,007	0,067	FALSE
-0,039	0,321	-0,001	0,008	0,034	FALSE
-0,061	0,307	-0,003	0,013	0,076	FALSE
0,024	0,313	0,001	0,008	0,045	FALSE
-0,119	0,316	-0,003	0,008	0,140	FALSE
0,062	0,308	0,002	0,008	0,079	FALSE
-0,032	0,314	-0,002	0,012	0,048	FALSE
0,040	0,298	0,001	0,007	0,040	FALSE
-0,079	0,306	-0,002	0,011	0,088	FALSE
0,023	0,301	0,001	0,011	0,036	FALSE
0,059	0,297	0,002	0,011	0,077	FALSE
-0,017	0,296	0,000	0,012	0,008	FALSE
0,086	0,302	0,003	0,010	0,121	FALSE
0,129	0,303	0,004	0,009	0,180	FALSE
0,030	0,319	0,001	0,013	0,037	FALSE
-0,004	0,301	0,000	0,010	0,012	FALSE
-0,006	0,294	0,001	0,009	0,020	FALSE
0,065	0,315	0,003	0,009	0,104	FALSE
0,034	0,294	0,001	0,010	0,032	FALSE
0,040	0,308	0,002	0,012	0,075	FALSE
-0,109	0,312	-0,003	0,007	0,151	FALSE
-0,062	0,302	-0,003	0,011	0,103	FALSE
0,057	0,307	0,004	0,013	0,107	FALSE
0,148	0,314	0,004	0,010	0,166	FALSE
-0,106	0,291	-0,005	0,011	0,185	FALSE
-0,002	0,315	0,000	0,013	0,013	FALSE
0,054	0,290	0,003	0,011	0,088	FALSE
0,040	0,296	0,002	0,011	0,055	FALSE
-0,022	0,321	0,000	0,008	0,009	FALSE
0,096	0,317	0,002	0,007	0,118	FALSE
-0,029	0,301	-0,001	0,009	0,023	FALSE
0,190	0,295	0,008	0,012	0,290	FALSE
0,082	0,291	0,003	0,013	0,090	FALSE
0,054	0,299	0,002	0,013	0,048	FALSE
0,090	0,306	0,002	0,007	0,118	FALSE
0,111	0,314	0,004	0,012	0,139	FALSE
-0,068	0,299	-0,003	0,012	0,096	FALSE
-0,023	0,292	0,000	0,007	0,013	FALSE
0,032	0,316	0,001	0,012	0,021	FALSE

0,046	0,308	0,001	0,013	0,024	FALSE
0,030	0,310	0,001	0,007	0,046	FALSE
-0,007	0,308	0,000	0,012	0,007	FALSE
-0,192	0,296	-0,006	0,010	0,264	FALSE
0,177	0,296	0,006	0,009	0,268	FALSE
0,183	0,295	0,005	0,007	0,305	FALSE
-0,025	0,321	0,000	0,007	0,014	FALSE
0,067	0,297	0,001	0,009	0,056	FALSE
0,108	0,318	0,005	0,013	0,155	FALSE
0,128	0,307	0,004	0,009	0,187	FALSE
-0,179	0,294	-0,006	0,009	0,260	FALSE
0,099	0,311	0,003	0,012	0,109	FALSE
-0,196	0,314	-0,006	0,010	0,267	FALSE
0,050	0,307	0,001	0,008	0,038	FALSE
-0,037	0,310	-0,002	0,009	0,072	FALSE
-0,106	0,301	-0,004	0,012	0,114	FALSE
-0,051	0,314	-0,002	0,009	0,070	FALSE
0,036	0,303	0,001	0,010	0,041	FALSE
0,063	0,274	0,003	0,011	0,086	FALSE
0,070	0,309	0,002	0,008	0,084	FALSE
-0,009	0,295	0,000	0,010	0,003	FALSE
0,015	0,297	0,001	0,012	0,031	FALSE
0,038	0,307	0,001	0,008	0,042	FALSE
-0,001	0,296	0,000	0,012	0,006	FALSE
0,039	0,312	0,001	0,009	0,037	FALSE
0,092	0,305	0,002	0,008	0,085	FALSE
-0,032	0,304	-0,001	0,010	0,038	FALSE
-0,017	0,304	-0,001	0,012	0,026	FALSE
-0,033	0,314	-0,002	0,012	0,046	FALSE
0,004	0,300	0,001	0,009	0,022	FALSE
-0,114	0,306	-0,003	0,010	0,124	FALSE
0,138	0,307	0,005	0,010	0,196	FALSE
-0,135	0,309	-0,004	0,011	0,160	FALSE
0,086	0,310	0,003	0,009	0,122	FALSE
0,116	0,294	0,004	0,010	0,163	FALSE
-0,029	0,317	-0,001	0,008	0,057	FALSE
-0,036	0,314	-0,001	0,007	0,064	FALSE
-0,046	0,304	-0,002	0,011	0,054	FALSE
-0,004	0,311	-0,001	0,009	0,035	FALSE
0,021	0,317	0,001	0,013	0,025	FALSE
-0,116	0,297	-0,003	0,009	0,127	FALSE
-0,116	0,296	-0,003	0,009	0,144	FALSE
-0,053	0,310	-0,002	0,010	0,083	FALSE
-0,082	0,315	-0,003	0,010	0,111	FALSE
0,028	0,301	0,001	0,012	0,018	FALSE
0,046	0,293	0,001	0,006	0,056	FALSE
0,046	0,291	0,002	0,011	0,070	FALSE
-0,094	0,295	-0,004	0,013	0,134	FALSE
-0,036	0,301	-0,001	0,011	0,035	FALSE
-0,148	0,298	-0,006	0,012	0,218	FALSE
0,060	0,297	0,001	0,006	0,059	FALSE
0,003	0,315	0,000	0,007	0,003	FALSE
0,023	0,307	0,002	0,010	0,057	FALSE

0,040	0,309	0,001	0,013	0,035	FALSE
0,053	0,307	0,001	0,007	0,078	FALSE
-0,016	0,316	0,000	0,007	0,023	FALSE
0,055	0,300	0,001	0,006	0,087	FALSE
0,013	0,303	0,001	0,011	0,027	FALSE
-0,070	0,317	-0,001	0,007	0,075	FALSE
-0,020	0,309	0,000	0,009	0,016	FALSE
-0,059	0,307	-0,001	0,008	0,066	FALSE
-0,015	0,317	0,000	0,007	0,019	FALSE
-0,052	0,319	-0,001	0,010	0,042	FALSE
-0,058	0,302	-0,002	0,009	0,069	FALSE
-0,021	0,315	0,000	0,009	0,014	FALSE
-0,025	0,304	-0,001	0,009	0,023	FALSE
-0,122	0,293	-0,005	0,012	0,163	FALSE
0,105	0,303	0,003	0,010	0,122	FALSE
-0,068	0,300	-0,003	0,013	0,105	FALSE
-0,082	0,300	-0,003	0,011	0,093	TRUE
-0,060	0,322	-0,002	0,011	0,061	FALSE
0,018	0,303	0,000	0,007	0,021	FALSE
0,074	0,322	0,003	0,010	0,120	FALSE
-0,090	0,306	-0,004	0,011	0,128	FALSE
-0,091	0,302	-0,003	0,011	0,117	FALSE
-0,022	0,308	-0,001	0,013	0,031	FALSE
0,122	0,308	0,004	0,009	0,175	FALSE
-0,047	0,315	-0,001	0,007	0,068	FALSE
-0,102	0,296	-0,004	0,012	0,135	FALSE
-0,008	0,324	-0,001	0,013	0,023	FALSE
0,036	0,310	0,001	0,006	0,062	FALSE
-0,083	0,297	-0,003	0,009	0,102	FALSE
-0,020	0,302	-0,001	0,010	0,032	FALSE
-0,082	0,306	-0,002	0,009	0,106	FALSE
0,030	0,313	0,001	0,009	0,032	FALSE
-0,041	0,322	-0,001	0,010	0,057	FALSE
0,010	0,315	0,000	0,009	0,015	FALSE
0,114	0,296	0,004	0,009	0,171	FALSE
-0,004	0,303	0,000	0,007	0,003	FALSE
-0,013	0,301	-0,002	0,011	0,050	FALSE
0,038	0,289	0,001	0,009	0,048	FALSE
0,027	0,303	0,001	0,007	0,060	FALSE
-0,014	0,291	0,000	0,006	0,003	FALSE
0,051	0,308	0,002	0,010	0,071	FALSE
0,033	0,328	0,001	0,011	0,046	FALSE
-0,057	0,310	-0,001	0,009	0,057	FALSE
0,070	0,323	0,003	0,011	0,089	FALSE
0,013	0,312	0,000	0,008	0,023	FALSE
-0,080	0,315	-0,002	0,010	0,088	FALSE
0,038	0,311	0,001	0,009	0,040	FALSE
-0,033	0,309	-0,001	0,012	0,029	FALSE
0,079	0,306	0,002	0,007	0,114	FALSE
-0,003	0,295	-0,001	0,012	0,015	FALSE
-0,019	0,302	-0,001	0,011	0,033	FALSE
-0,026	0,304	-0,001	0,012	0,035	FALSE
-0,031	0,317	-0,001	0,012	0,032	FALSE

-0,097	0,312	-0,004	0,010	0,151	FALSE
-0,041	0,305	0,000	0,006	0,015	FALSE
0,000	0,302	0,000	0,008	0,005	FALSE
0,014	0,318	0,000	0,008	0,009	FALSE
0,008	0,306	0,000	0,008	0,002	FALSE
0,093	0,307	0,003	0,013	0,096	FALSE
-0,036	0,311	-0,001	0,007	0,054	FALSE
-0,073	0,317	-0,002	0,006	0,095	FALSE
-0,007	0,306	-0,001	0,010	0,036	FALSE
-0,082	0,304	-0,003	0,010	0,097	FALSE
-0,029	0,313	-0,001	0,008	0,032	FALSE
0,006	0,313	0,000	0,013	0,001	FALSE
-0,022	0,313	-0,001	0,010	0,031	FALSE
-0,002	0,312	0,000	0,012	0,008	FALSE
0,007	0,296	0,000	0,011	0,010	FALSE
0,016	0,302	0,001	0,007	0,031	FALSE
0,091	0,298	0,002	0,007	0,121	FALSE
-0,044	0,310	-0,001	0,008	0,065	FALSE
-0,027	0,316	-0,001	0,011	0,028	FALSE
-0,089	0,301	-0,003	0,008	0,126	FALSE
-0,100	0,314	-0,004	0,013	0,128	FALSE
-0,157	0,299	-0,006	0,011	0,242	FALSE
0,078	0,309	0,002	0,008	0,104	FALSE
0,109	0,294	0,002	0,007	0,136	FALSE
0,077	0,299	0,002	0,007	0,117	FALSE
0,050	0,298	0,002	0,012	0,061	FALSE
0,060	0,319	0,001	0,009	0,059	FALSE
0,107	0,300	0,003	0,008	0,178	FALSE
0,086	0,311	0,003	0,008	0,137	FALSE
0,097	0,314	0,004	0,011	0,134	FALSE
-0,024	0,313	-0,002	0,013	0,054	FALSE
-0,129	0,308	-0,004	0,010	0,180	FALSE
0,107	0,311	0,003	0,009	0,119	FALSE
0,041	0,320	0,001	0,010	0,022	FALSE
0,054	0,308	0,002	0,007	0,081	FALSE
0,070	0,317	0,002	0,007	0,105	FALSE
0,016	0,311	0,001	0,009	0,039	FALSE
0,022	0,308	0,000	0,007	0,015	FALSE
-0,057	0,306	-0,001	0,010	0,045	FALSE
0,138	0,302	0,005	0,010	0,202	FALSE
0,037	0,321	0,001	0,013	0,035	FALSE
-0,091	0,298	-0,004	0,010	0,159	FALSE
-0,063	0,313	-0,002	0,009	0,090	FALSE
0,033	0,304	0,001	0,008	0,023	FALSE
0,135	0,306	0,005	0,009	0,214	FALSE
0,170	0,269	0,007	0,012	0,260	FALSE
-0,024	0,302	-0,001	0,009	0,031	FALSE
0,101	0,317	0,003	0,007	0,134	FALSE
-0,031	0,294	-0,001	0,008	0,027	FALSE
-0,029	0,296	-0,001	0,008	0,028	FALSE
0,057	0,304	0,002	0,009	0,108	FALSE
-0,066	0,304	-0,001	0,008	0,055	FALSE
-0,118	0,308	-0,003	0,009	0,147	FALSE

-0,018	0,320	0,000	0,007	0,009	FALSE
-0,004	0,302	0,000	0,011	0,016	FALSE
-0,040	0,304	-0,002	0,012	0,055	FALSE
-0,064	0,306	-0,003	0,012	0,087	FALSE
0,041	0,324	0,001	0,009	0,033	FALSE
-0,033	0,304	-0,001	0,008	0,031	FALSE
-0,116	0,316	-0,003	0,008	0,167	FALSE
0,050	0,304	0,001	0,008	0,047	FALSE
0,042	0,294	0,001	0,007	0,036	FALSE
-0,106	0,288	-0,004	0,009	0,176	FALSE
-0,059	0,294	-0,003	0,012	0,083	FALSE
0,041	0,301	0,001	0,008	0,055	FALSE
0,025	0,303	0,000	0,007	0,016	FALSE
-0,031	0,305	-0,001	0,008	0,032	FALSE
0,042	0,306	0,001	0,007	0,036	FALSE
0,155	0,301	0,007	0,012	0,235	FALSE
-0,015	0,325	0,000	0,009	0,018	FALSE
0,062	0,290	0,001	0,006	0,080	FALSE
-0,068	0,305	-0,002	0,006	0,090	FALSE
-0,005	0,297	0,001	0,012	0,024	FALSE
-0,038	0,302	-0,001	0,012	0,026	FALSE
0,058	0,321	0,003	0,012	0,096	FALSE
-0,022	0,314	-0,001	0,012	0,021	FALSE
-0,104	0,288	-0,004	0,012	0,122	FALSE
0,112	0,303	0,005	0,012	0,157	FALSE
0,010	0,305	0,000	0,007	0,004	FALSE
0,081	0,299	0,003	0,012	0,096	FALSE
0,026	0,319	0,000	0,006	0,019	FALSE
-0,001	0,318	0,000	0,007	0,002	FALSE
0,067	0,310	0,002	0,010	0,078	FALSE
0,086	0,295	0,003	0,010	0,106	FALSE
0,070	0,309	0,002	0,007	0,107	FALSE
0,142	0,303	0,004	0,011	0,167	FALSE
-0,022	0,314	0,000	0,007	0,009	FALSE
0,086	0,307	0,002	0,008	0,094	FALSE
0,060	0,307	0,002	0,010	0,084	FALSE
0,108	0,298	0,002	0,007	0,126	FALSE
0,075	0,293	0,004	0,013	0,116	FALSE
0,037	0,322	0,001	0,008	0,031	FALSE
0,009	0,311	0,000	0,008	0,019	FALSE
-0,050	0,308	-0,001	0,007	0,065	FALSE
-0,004	0,311	0,000	0,012	0,007	FALSE
-0,002	0,306	-0,001	0,013	0,026	FALSE
-0,029	0,288	0,000	0,006	0,029	FALSE
-0,011	0,315	-0,001	0,011	0,035	FALSE
-0,051	0,307	-0,002	0,011	0,074	FALSE
0,003	0,314	-0,001	0,011	0,019	FALSE
0,011	0,301	0,001	0,009	0,030	FALSE
0,014	0,304	0,000	0,011	0,006	FALSE
-0,039	0,303	-0,002	0,013	0,053	FALSE
-0,030	0,286	-0,002	0,012	0,068	FALSE
0,025	0,305	0,000	0,008	0,019	FALSE
0,231	0,297	0,009	0,012	0,345	FALSE

0,189	0,309	0,008	0,013	0,265	FALSE
0,216	0,288	0,008	0,011	0,340	FALSE
-0,017	0,304	-0,001	0,011	0,028	FALSE
0,192	0,294	0,008	0,013	0,270	FALSE
0,128	0,298	0,004	0,010	0,159	FALSE
0,115	0,307	0,003	0,010	0,137	FALSE
0,134	0,302	0,007	0,013	0,244	FALSE
-0,092	0,296	-0,004	0,010	0,146	FALSE
0,125	0,312	0,004	0,010	0,179	FALSE
-0,020	0,300	0,000	0,007	0,020	FALSE
0,058	0,304	0,001	0,008	0,056	FALSE
-0,019	0,306	-0,001	0,007	0,041	FALSE
0,035	0,309	0,001	0,012	0,027	FALSE
-0,075	0,311	-0,002	0,008	0,099	FALSE
0,052	0,299	0,002	0,012	0,058	FALSE
0,051	0,291	0,001	0,009	0,053	FALSE
-0,020	0,323	0,000	0,013	0,005	FALSE
0,050	0,307	0,001	0,007	0,063	FALSE
-0,045	0,314	-0,002	0,008	0,075	FALSE
-0,211	0,305	-0,009	0,013	0,298	FALSE
0,017	0,308	0,000	0,006	0,012	FALSE
-0,038	0,304	-0,001	0,008	0,051	FALSE
0,072	0,312	0,003	0,012	0,090	FALSE
0,074	0,304	0,003	0,012	0,090	FALSE
0,099	0,299	0,002	0,006	0,144	FALSE
0,117	0,300	0,002	0,006	0,149	FALSE
0,097	0,300	0,003	0,012	0,110	FALSE
0,028	0,306	0,001	0,010	0,032	FALSE
0,051	0,316	0,002	0,010	0,057	FALSE
0,043	0,306	0,002	0,012	0,062	FALSE
0,014	0,311	0,001	0,011	0,027	FALSE
0,020	0,303	0,001	0,011	0,028	FALSE
0,037	0,303	0,001	0,006	0,052	FALSE
0,066	0,309	0,001	0,008	0,062	FALSE
-0,040	0,316	-0,002	0,009	0,065	FALSE
0,017	0,309	0,000	0,010	0,004	FALSE
0,096	0,320	0,003	0,009	0,116	FALSE
0,084	0,308	0,002	0,008	0,104	FALSE
0,108	0,307	0,004	0,011	0,140	FALSE
-0,118	0,307	-0,003	0,009	0,144	FALSE
-0,115	0,319	-0,005	0,012	0,162	FALSE
-0,026	0,325	-0,001	0,013	0,016	FALSE
0,030	0,309	0,001	0,009	0,034	FALSE
0,038	0,310	0,001	0,008	0,045	FALSE
0,045	0,315	0,002	0,009	0,077	FALSE
-0,011	0,317	0,000	0,007	0,010	FALSE
0,029	0,310	0,000	0,009	0,020	FALSE
0,043	0,291	0,001	0,008	0,062	FALSE
0,071	0,306	0,003	0,010	0,109	FALSE
0,101	0,304	0,004	0,010	0,139	FALSE
-0,052	0,303	-0,003	0,011	0,092	FALSE
0,073	0,298	0,002	0,012	0,076	FALSE
0,004	0,324	0,000	0,007	0,008	FALSE

0,055	0,318	0,002	0,008	0,093	FALSE
-0,061	0,313	-0,002	0,008	0,077	FALSE
-0,031	0,305	-0,001	0,008	0,028	FALSE
-0,102	0,293	-0,002	0,007	0,114	FALSE
0,075	0,307	0,002	0,008	0,109	FALSE
-0,071	0,308	-0,002	0,009	0,069	FALSE
-0,030	0,305	-0,001	0,011	0,020	FALSE
-0,068	0,299	-0,002	0,009	0,097	FALSE
-0,094	0,314	-0,004	0,013	0,108	FALSE
-0,112	0,304	-0,005	0,012	0,156	FALSE
0,008	0,304	0,001	0,012	0,019	FALSE
0,054	0,316	0,001	0,007	0,061	FALSE
0,033	0,301	0,001	0,007	0,058	FALSE
-0,059	0,298	-0,002	0,007	0,078	FALSE
0,038	0,327	0,001	0,013	0,040	FALSE
-0,019	0,293	-0,001	0,007	0,036	FALSE
-0,053	0,303	-0,001	0,009	0,051	FALSE
-0,015	0,312	0,000	0,007	0,013	FALSE
0,038	0,331	0,001	0,011	0,030	FALSE
-0,044	0,304	-0,001	0,012	0,039	FALSE
0,003	0,310	0,000	0,010	0,018	FALSE
0,088	0,302	0,002	0,007	0,108	FALSE
-0,097	0,313	-0,003	0,008	0,160	FALSE
0,020	0,307	0,001	0,010	0,020	FALSE
0,008	0,298	0,000	0,008	0,017	FALSE
-0,074	0,318	-0,002	0,008	0,102	FALSE
-0,038	0,310	-0,002	0,011	0,049	FALSE
-0,074	0,302	-0,002	0,008	0,106	FALSE
-0,066	0,298	-0,002	0,007	0,088	FALSE
-0,066	0,303	-0,001	0,009	0,060	FALSE
0,057	0,302	0,001	0,008	0,055	FALSE
0,118	0,308	0,004	0,011	0,133	FALSE
0,090	0,308	0,002	0,009	0,108	FALSE
-0,110	0,305	-0,004	0,009	0,181	FALSE
-0,111	0,302	-0,003	0,007	0,179	FALSE
0,181	0,299	0,006	0,011	0,264	FALSE
0,023	0,306	0,000	0,008	0,020	FALSE
-0,094	0,311	-0,002	0,008	0,113	FALSE
0,040	0,316	0,002	0,013	0,066	FALSE
-0,008	0,312	-0,001	0,009	0,027	FALSE
0,035	0,300	0,001	0,010	0,053	FALSE
-0,064	0,315	-0,002	0,009	0,066	FALSE
-0,061	0,313	-0,003	0,013	0,075	FALSE
-0,023	0,313	-0,001	0,008	0,027	FALSE
0,038	0,318	0,001	0,012	0,031	FALSE
0,041	0,323	0,001	0,010	0,046	FALSE
-0,022	0,316	-0,001	0,008	0,030	FALSE
-0,121	0,311	-0,003	0,007	0,172	FALSE
0,001	0,307	0,001	0,012	0,018	FALSE
-0,013	0,304	-0,001	0,006	0,036	FALSE
0,028	0,315	0,001	0,013	0,039	FALSE
0,088	0,305	0,002	0,009	0,089	FALSE
0,121	0,326	0,003	0,009	0,128	FALSE

0,139	0,302	0,004	0,010	0,170	FALSE
0,104	0,298	0,004	0,010	0,148	FALSE
0,112	0,308	0,003	0,008	0,141	FALSE
0,073	0,313	0,002	0,008	0,099	FALSE
-0,048	0,309	-0,001	0,007	0,053	FALSE
-0,103	0,302	-0,003	0,008	0,151	FALSE
0,043	0,311	0,002	0,011	0,052	FALSE
-0,027	0,296	-0,001	0,009	0,023	FALSE
0,002	0,296	-0,001	0,008	0,035	FALSE
0,011	0,302	0,001	0,008	0,028	FALSE
0,075	0,293	0,002	0,008	0,087	FALSE
0,118	0,303	0,003	0,008	0,157	FALSE
0,130	0,301	0,004	0,009	0,166	FALSE
0,010	0,293	0,000	0,012	0,002	FALSE
0,077	0,315	0,002	0,009	0,080	FALSE
0,118	0,291	0,003	0,007	0,180	FALSE
0,094	0,303	0,002	0,007	0,096	FALSE
-0,087	0,314	-0,004	0,011	0,127	FALSE
-0,038	0,306	-0,001	0,008	0,034	FALSE
0,022	0,313	0,001	0,009	0,030	FALSE
0,055	0,312	0,001	0,007	0,065	FALSE
-0,012	0,302	-0,001	0,011	0,037	FALSE
0,108	0,298	0,004	0,009	0,203	FALSE
-0,069	0,312	-0,002	0,008	0,068	FALSE
0,005	0,322	0,000	0,008	0,012	FALSE
-0,016	0,302	0,001	0,011	0,016	FALSE
-0,058	0,305	-0,001	0,008	0,031	FALSE
0,009	0,311	0,001	0,011	0,045	FALSE
0,019	0,314	0,001	0,010	0,051	FALSE
-0,009	0,303	0,000	0,009	0,002	FALSE
-0,074	0,314	-0,003	0,011	0,108	FALSE
0,070	0,314	0,001	0,009	0,060	FALSE
0,024	0,310	0,001	0,006	0,034	FALSE
-0,035	0,300	-0,002	0,010	0,058	FALSE
-0,105	0,317	-0,003	0,009	0,139	FALSE
-0,024	0,290	-0,001	0,008	0,060	FALSE
0,036	0,313	0,000	0,008	0,017	FALSE
0,020	0,298	0,001	0,011	0,032	FALSE
0,046	0,313	0,002	0,013	0,044	FALSE
0,057	0,307	0,001	0,011	0,041	FALSE
-0,016	0,293	-0,001	0,011	0,026	FALSE
-0,052	0,307	-0,002	0,012	0,070	FALSE
-0,074	0,303	-0,003	0,010	0,093	FALSE
-0,045	0,305	-0,001	0,011	0,046	FALSE
0,068	0,299	0,002	0,007	0,118	FALSE
-0,006	0,298	0,001	0,012	0,021	FALSE
0,039	0,314	0,002	0,012	0,076	FALSE
0,055	0,306	0,002	0,008	0,086	FALSE
0,044	0,303	0,002	0,008	0,079	FALSE
-0,015	0,323	-0,001	0,013	0,015	FALSE
-0,024	0,319	0,000	0,007	0,019	FALSE
-0,051	0,309	-0,001	0,006	0,082	FALSE
-0,075	0,307	-0,001	0,006	0,084	FALSE

-0,015	0,308	0,000	0,012	0,001	FALSE
-0,049	0,291	-0,001	0,007	0,066	FALSE
-0,036	0,304	0,000	0,006	0,011	FALSE
-0,165	0,309	-0,004	0,007	0,215	FALSE
-0,138	0,297	-0,003	0,007	0,161	FALSE
-0,096	0,302	-0,005	0,013	0,152	FALSE
0,011	0,318	0,000	0,013	0,010	FALSE
-0,061	0,296	-0,002	0,007	0,090	FALSE
-0,077	0,295	-0,002	0,007	0,102	FALSE
-0,029	0,313	-0,001	0,010	0,032	FALSE
-0,091	0,313	-0,002	0,008	0,117	FALSE
0,021	0,308	0,000	0,007	0,008	FALSE
-0,008	0,308	0,000	0,007	0,018	FALSE
-0,099	0,309	-0,003	0,009	0,110	FALSE
0,035	0,301	0,000	0,012	0,014	FALSE
-0,037	0,316	-0,002	0,008	0,085	FALSE
-0,050	0,306	-0,002	0,007	0,094	FALSE
0,016	0,310	0,000	0,013	0,005	FALSE
0,032	0,301	0,000	0,009	0,014	FALSE
0,075	0,313	0,001	0,007	0,059	FALSE
0,063	0,306	0,002	0,012	0,057	FALSE
0,022	0,312	0,000	0,009	0,003	FALSE
0,072	0,296	0,002	0,007	0,101	FALSE
0,051	0,300	0,002	0,008	0,076	FALSE
-0,100	0,312	-0,002	0,008	0,128	FALSE
-0,102	0,296	-0,002	0,007	0,120	FALSE
-0,117	0,310	-0,002	0,008	0,125	FALSE
-0,103	0,303	-0,002	0,008	0,118	FALSE
-0,021	0,303	-0,001	0,007	0,032	FALSE
-0,012	0,310	0,000	0,007	0,008	FALSE
-0,042	0,305	0,000	0,009	0,018	FALSE
0,037	0,308	0,001	0,006	0,056	FALSE
0,138	0,302	0,003	0,007	0,202	FALSE
-0,073	0,289	-0,002	0,011	0,073	FALSE
0,152	0,317	0,004	0,008	0,206	FALSE
0,023	0,313	0,000	0,012	0,012	FALSE
0,095	0,313	0,003	0,008	0,151	FALSE
0,121	0,300	0,004	0,010	0,176	FALSE
-0,051	0,302	-0,001	0,007	0,042	FALSE
0,025	0,308	0,000	0,008	0,001	FALSE
0,133	0,298	0,004	0,010	0,191	FALSE
-0,048	0,311	-0,001	0,006	0,078	FALSE
0,035	0,299	0,001	0,007	0,060	FALSE
0,152	0,289	0,006	0,012	0,226	FALSE
-0,047	0,303	-0,002	0,009	0,067	FALSE
-0,114	0,301	-0,005	0,011	0,182	FALSE
0,086	0,297	0,002	0,007	0,102	FALSE
-0,012	0,307	0,000	0,007	0,005	FALSE
0,053	0,306	0,002	0,008	0,071	FALSE
0,085	0,304	0,002	0,007	0,095	FALSE
-0,019	0,293	0,000	0,009	0,015	FALSE
0,032	0,296	0,000	0,007	0,016	FALSE
-0,011	0,311	0,000	0,008	0,008	FALSE

-0,004	0,295	0,000	0,007	0,024	FALSE
0,129	0,313	0,004	0,009	0,182	FALSE
-0,008	0,300	-0,001	0,012	0,036	FALSE
0,157	0,304	0,003	0,006	0,196	FALSE
-0,149	0,310	-0,006	0,011	0,222	FALSE
-0,140	0,305	-0,006	0,011	0,221	FALSE
0,050	0,301	0,003	0,009	0,114	FALSE
0,065	0,323	0,003	0,013	0,086	FALSE
0,119	0,304	0,005	0,012	0,185	FALSE
0,053	0,304	0,002	0,009	0,063	FALSE
-0,086	0,303	-0,003	0,009	0,139	FALSE
-0,042	0,308	-0,003	0,013	0,074	FALSE
0,054	0,314	0,002	0,009	0,081	FALSE
0,051	0,303	0,002	0,009	0,087	FALSE
-0,144	0,296	-0,003	0,007	0,187	FALSE
0,060	0,312	0,003	0,010	0,100	FALSE
0,049	0,312	0,002	0,010	0,091	FALSE
0,135	0,302	0,006	0,012	0,203	FALSE
0,093	0,301	0,003	0,008	0,160	FALSE
0,194	0,294	0,008	0,011	0,306	FALSE
-0,047	0,305	-0,001	0,010	0,049	FALSE
-0,142	0,313	-0,004	0,008	0,199	FALSE
-0,029	0,311	0,000	0,007	0,025	FALSE
0,081	0,300	0,003	0,013	0,092	FALSE
0,023	0,313	0,000	0,009	0,007	FALSE
0,098	0,317	0,004	0,013	0,132	TRUE
0,002	0,318	0,000	0,010	0,017	FALSE
-0,077	0,298	-0,001	0,008	0,055	FALSE
0,061	0,308	0,003	0,012	0,105	FALSE
-0,027	0,307	0,000	0,010	0,007	FALSE
-0,049	0,315	-0,001	0,007	0,039	FALSE
-0,056	0,299	-0,001	0,009	0,060	FALSE
-0,029	0,316	-0,002	0,012	0,053	FALSE
-0,057	0,313	-0,001	0,008	0,063	FALSE
-0,052	0,314	-0,001	0,007	0,035	FALSE
-0,183	0,301	-0,007	0,012	0,264	FALSE
-0,088	0,306	-0,003	0,013	0,088	FALSE
0,017	0,301	0,000	0,007	0,007	FALSE
0,096	0,302	0,004	0,010	0,142	FALSE
0,025	0,295	0,001	0,007	0,037	FALSE
0,053	0,319	0,002	0,008	0,083	FALSE
-0,012	0,310	0,000	0,009	0,002	FALSE
-0,022	0,302	0,000	0,008	0,006	FALSE
0,051	0,316	0,001	0,007	0,057	FALSE
-0,056	0,303	-0,001	0,007	0,082	FALSE
-0,077	0,295	-0,002	0,007	0,130	FALSE
0,034	0,306	0,001	0,011	0,036	FALSE
-0,001	0,310	0,000	0,012	0,008	FALSE
-0,053	0,290	-0,002	0,007	0,095	FALSE
-0,038	0,310	-0,001	0,007	0,070	FALSE
-0,031	0,326	-0,001	0,012	0,042	FALSE
-0,046	0,300	-0,002	0,012	0,060	FALSE
0,034	0,310	0,001	0,009	0,044	FALSE

0,074	0,307	0,003	0,012	0,088	FALSE
0,070	0,322	0,004	0,012	0,113	FALSE
0,034	0,310	0,002	0,012	0,062	FALSE
-0,040	0,303	-0,001	0,007	0,054	FALSE
-0,007	0,298	0,000	0,007	0,001	FALSE
0,097	0,299	0,002	0,007	0,094	FALSE
-0,007	0,315	0,000	0,008	0,001	FALSE
0,075	0,300	0,001	0,007	0,063	FALSE
0,054	0,299	0,002	0,013	0,065	FALSE
-0,055	0,309	-0,002	0,013	0,068	FALSE
-0,063	0,294	-0,001	0,007	0,050	FALSE
-0,021	0,301	0,000	0,007	0,013	FALSE
-0,039	0,293	0,000	0,007	0,019	FALSE
-0,030	0,277	0,000	0,006	0,004	FALSE
0,006	0,312	0,001	0,012	0,027	FALSE
-0,025	0,305	-0,002	0,011	0,052	FALSE
-0,061	0,321	-0,002	0,011	0,076	FALSE
-0,060	0,304	-0,002	0,011	0,087	FALSE
-0,041	0,312	-0,001	0,010	0,040	FALSE
0,002	0,306	0,000	0,010	0,014	FALSE
0,114	0,302	0,003	0,008	0,140	TRUE
0,124	0,315	0,003	0,007	0,197	FALSE
0,110	0,303	0,003	0,008	0,147	FALSE
0,009	0,308	0,000	0,009	0,000	FALSE
-0,111	0,296	-0,006	0,012	0,201	FALSE
-0,067	0,307	-0,001	0,008	0,069	FALSE
-0,042	0,316	-0,001	0,008	0,035	FALSE
0,004	0,300	0,000	0,007	0,009	FALSE
-0,110	0,293	-0,004	0,011	0,147	FALSE
0,034	0,316	0,001	0,007	0,054	FALSE
-0,079	0,311	-0,003	0,012	0,113	FALSE
0,112	0,316	0,003	0,009	0,161	FALSE
0,010	0,316	0,000	0,007	0,025	FALSE
0,130	0,309	0,003	0,008	0,152	FALSE
-0,013	0,307	-0,001	0,008	0,029	FALSE
0,023	0,327	0,001	0,012	0,034	FALSE
0,178	0,306	0,004	0,007	0,268	FALSE
-0,022	0,304	0,000	0,007	0,011	FALSE
-0,102	0,311	-0,003	0,008	0,149	FALSE
-0,022	0,303	-0,001	0,011	0,033	FALSE
0,067	0,300	0,003	0,011	0,108	FALSE
-0,028	0,308	-0,001	0,011	0,036	FALSE
-0,015	0,313	-0,001	0,012	0,018	FALSE
0,052	0,312	0,002	0,009	0,069	FALSE
-0,023	0,299	-0,001	0,006	0,051	FALSE
0,044	0,305	0,001	0,007	0,065	FALSE
-0,009	0,302	0,000	0,011	0,005	FALSE
-0,030	0,296	0,000	0,007	0,024	FALSE
0,103	0,291	0,004	0,013	0,139	FALSE
0,053	0,289	0,002	0,008	0,089	FALSE
-0,001	0,303	0,000	0,008	0,006	FALSE
0,015	0,312	0,001	0,010	0,024	FALSE
-0,034	0,312	-0,001	0,008	0,042	FALSE

0,013	0,298	0,000	0,007	0,008	FALSE
0,031	0,313	0,000	0,012	0,001	FALSE
0,018	0,307	0,000	0,012	0,012	FALSE
0,031	0,303	0,000	0,011	0,013	FALSE
-0,009	0,306	-0,001	0,012	0,039	FALSE
-0,059	0,302	-0,001	0,007	0,070	FALSE
0,126	0,304	0,003	0,007	0,184	FALSE
-0,001	0,301	0,000	0,007	0,015	FALSE
0,001	0,309	0,000	0,007	0,003	FALSE
-0,160	0,290	-0,006	0,013	0,193	FALSE
-0,110	0,291	-0,003	0,009	0,128	FALSE
-0,087	0,311	-0,003	0,012	0,092	FALSE
0,122	0,312	0,003	0,010	0,136	FALSE
-0,050	0,304	-0,002	0,012	0,051	FALSE
0,016	0,302	0,001	0,009	0,039	FALSE
0,053	0,309	0,002	0,011	0,072	FALSE
0,048	0,315	0,001	0,009	0,048	FALSE
-0,047	0,297	-0,001	0,008	0,057	FALSE
-0,017	0,314	-0,001	0,010	0,019	FALSE
0,036	0,293	0,003	0,011	0,089	FALSE
-0,118	0,293	-0,005	0,011	0,168	FALSE
0,097	0,310	0,003	0,008	0,130	FALSE
0,096	0,295	0,003	0,008	0,138	FALSE
-0,053	0,309	-0,002	0,011	0,068	FALSE
-0,108	0,295	-0,003	0,007	0,145	FALSE
0,022	0,305	0,001	0,007	0,054	FALSE
0,074	0,303	0,002	0,007	0,083	FALSE
0,022	0,302	0,000	0,012	0,000	FALSE
-0,066	0,308	-0,002	0,011	0,063	FALSE
-0,012	0,314	0,000	0,008	0,016	FALSE
-0,055	0,319	-0,002	0,011	0,073	FALSE
-0,009	0,321	0,000	0,011	0,014	FALSE
-0,147	0,295	-0,004	0,008	0,183	FALSE
-0,011	0,310	0,000	0,010	0,005	FALSE
0,019	0,316	0,001	0,009	0,038	FALSE
0,079	0,313	0,004	0,013	0,119	FALSE
-0,057	0,311	-0,001	0,006	0,086	FALSE
-0,141	0,313	-0,005	0,011	0,185	FALSE
-0,070	0,299	-0,002	0,009	0,094	FALSE
-0,121	0,296	-0,003	0,009	0,143	FALSE
0,003	0,317	0,000	0,012	0,008	FALSE
-0,153	0,293	-0,003	0,006	0,226	FALSE
0,173	0,301	0,007	0,011	0,293	FALSE
-0,021	0,308	0,000	0,006	0,004	FALSE
-0,140	0,292	-0,005	0,012	0,188	FALSE
-0,052	0,303	-0,002	0,011	0,075	FALSE
0,005	0,319	0,000	0,010	0,011	FALSE
0,016	0,308	0,000	0,012	0,005	FALSE
0,064	0,311	0,002	0,008	0,077	FALSE
-0,036	0,299	-0,001	0,006	0,037	FALSE
0,057	0,312	0,001	0,009	0,052	FALSE
0,027	0,304	0,001	0,009	0,032	FALSE
-0,122	0,322	-0,003	0,007	0,165	FALSE

-0,050	0,313	-0,001	0,009	0,057	FALSE
0,045	0,310	0,002	0,013	0,047	FALSE
-0,031	0,315	-0,001	0,012	0,035	FALSE
-0,016	0,311	-0,001	0,012	0,044	FALSE
0,222	0,292	0,008	0,011	0,330	FALSE
-0,083	0,301	-0,002	0,007	0,088	FALSE
-0,067	0,315	-0,003	0,013	0,092	FALSE
0,039	0,308	0,001	0,007	0,064	FALSE
0,045	0,302	0,002	0,008	0,085	FALSE
-0,025	0,296	0,000	0,008	0,003	FALSE
0,100	0,305	0,003	0,010	0,111	FALSE
0,019	0,311	0,001	0,013	0,042	FALSE
-0,008	0,308	0,000	0,013	0,000	FALSE
-0,201	0,300	-0,008	0,013	0,264	FALSE
0,057	0,309	0,003	0,012	0,090	FALSE
0,152	0,292	0,004	0,008	0,197	FALSE
0,090	0,304	0,003	0,012	0,083	FALSE
0,076	0,304	0,002	0,012	0,067	FALSE
0,029	0,319	0,000	0,012	0,012	FALSE
-0,149	0,303	-0,005	0,010	0,194	FALSE
-0,030	0,305	-0,002	0,013	0,057	FALSE
-0,084	0,320	-0,004	0,013	0,103	FALSE
0,037	0,305	0,001	0,013	0,029	FALSE
0,121	0,299	0,003	0,011	0,122	FALSE
0,024	0,307	0,000	0,009	0,014	FALSE
-0,113	0,309	-0,003	0,007	0,181	FALSE
-0,004	0,292	0,000	0,009	0,007	FALSE
0,086	0,302	0,003	0,012	0,105	FALSE
-0,121	0,305	-0,006	0,012	0,187	FALSE
0,019	0,316	0,000	0,009	0,004	FALSE
-0,019	0,312	-0,001	0,007	0,029	FALSE
0,022	0,305	0,001	0,007	0,048	FALSE
0,057	0,291	0,002	0,008	0,100	FALSE
-0,049	0,317	-0,001	0,008	0,040	FALSE
-0,060	0,303	-0,002	0,010	0,064	FALSE
0,020	0,302	0,001	0,008	0,053	FALSE
-0,061	0,296	-0,001	0,012	0,045	FALSE
0,048	0,310	0,002	0,009	0,090	FALSE
-0,139	0,294	-0,006	0,012	0,195	FALSE
-0,021	0,307	-0,001	0,011	0,030	FALSE
0,029	0,304	0,001	0,007	0,059	FALSE
0,080	0,300	0,002	0,008	0,099	FALSE
-0,082	0,303	-0,002	0,008	0,087	FALSE
-0,106	0,315	-0,004	0,012	0,117	FALSE
-0,123	0,302	-0,003	0,007	0,180	FALSE
0,070	0,306	0,002	0,009	0,088	FALSE
-0,079	0,307	-0,002	0,007	0,122	FALSE
0,073	0,304	0,002	0,008	0,108	FALSE
0,162	0,298	0,005	0,010	0,210	FALSE
-0,005	0,301	0,000	0,006	0,004	FALSE
0,091	0,309	0,003	0,013	0,088	FALSE
0,101	0,311	0,003	0,010	0,133	FALSE
0,074	0,309	0,003	0,010	0,106	FALSE

-0,086	0,304	-0,003	0,011	0,127	FALSE
0,071	0,313	0,002	0,009	0,081	FALSE
-0,053	0,305	-0,001	0,008	0,057	FALSE
-0,038	0,299	-0,001	0,009	0,027	FALSE
-0,023	0,316	-0,001	0,008	0,042	FALSE
-0,011	0,324	0,000	0,007	0,023	FALSE
-0,015	0,307	-0,001	0,008	0,023	FALSE
0,035	0,308	0,001	0,012	0,033	FALSE
0,025	0,296	0,001	0,006	0,033	FALSE
-0,027	0,317	-0,001	0,007	0,048	FALSE
0,094	0,326	0,003	0,010	0,096	FALSE
-0,139	0,319	-0,004	0,010	0,177	FALSE
-0,012	0,319	0,000	0,006	0,005	FALSE
-0,040	0,318	-0,001	0,007	0,057	FALSE
-0,012	0,296	0,000	0,009	0,009	FALSE
-0,053	0,310	-0,001	0,007	0,067	FALSE
-0,074	0,320	-0,003	0,009	0,107	FALSE
-0,040	0,309	-0,002	0,012	0,054	FALSE
0,157	0,303	0,004	0,007	0,222	FALSE
-0,130	0,301	-0,004	0,009	0,212	FALSE
-0,135	0,307	-0,004	0,009	0,204	FALSE
-0,147	0,293	-0,005	0,009	0,251	FALSE
0,090	0,309	0,003	0,007	0,142	FALSE
0,073	0,296	0,001	0,007	0,085	FALSE
-0,099	0,302	-0,005	0,011	0,170	FALSE
-0,081	0,306	-0,003	0,009	0,133	FALSE
0,171	0,305	0,004	0,008	0,220	FALSE
0,042	0,298	0,002	0,009	0,071	FALSE
0,051	0,292	0,001	0,007	0,041	FALSE
-0,017	0,306	0,000	0,011	0,004	FALSE
0,007	0,317	0,001	0,012	0,016	FALSE
0,059	0,293	0,002	0,013	0,070	FALSE
-0,076	0,300	-0,002	0,006	0,107	FALSE
0,021	0,284	0,001	0,010	0,044	FALSE
-0,051	0,304	-0,002	0,012	0,069	FALSE
0,101	0,287	0,004	0,010	0,169	FALSE
0,059	0,299	0,003	0,011	0,110	FALSE
-0,111	0,297	-0,006	0,013	0,190	FALSE
-0,056	0,310	-0,003	0,013	0,102	FALSE
0,008	0,314	0,000	0,006	0,013	FALSE
0,026	0,307	0,001	0,008	0,024	FALSE
-0,160	0,307	-0,006	0,013	0,210	FALSE
0,024	0,293	0,001	0,008	0,064	FALSE
-0,079	0,298	-0,002	0,010	0,070	FALSE
0,027	0,325	0,001	0,007	0,035	FALSE
-0,115	0,291	-0,004	0,010	0,138	FALSE
0,020	0,307	0,001	0,006	0,035	FALSE
-0,016	0,311	0,000	0,006	0,008	FALSE
0,060	0,310	0,003	0,013	0,084	FALSE
-0,072	0,306	-0,001	0,008	0,061	FALSE
0,002	0,313	0,000	0,008	0,012	FALSE
0,028	0,304	0,001	0,006	0,071	FALSE
0,056	0,317	0,002	0,011	0,064	FALSE

-0,106	0,300	-0,002	0,006	0,151	FALSE
0,055	0,320	0,002	0,008	0,071	FALSE
-0,005	0,303	0,000	0,007	0,010	FALSE
-0,089	0,309	-0,004	0,013	0,129	FALSE
-0,020	0,301	-0,001	0,009	0,048	FALSE
-0,019	0,315	0,000	0,010	0,011	FALSE
-0,006	0,302	-0,001	0,009	0,035	FALSE
-0,043	0,333	-0,001	0,009	0,052	FALSE
0,048	0,319	0,002	0,010	0,079	FALSE
0,014	0,316	0,000	0,013	0,007	FALSE
-0,079	0,302	-0,002	0,010	0,071	FALSE
0,138	0,312	0,005	0,009	0,220	FALSE
-0,020	0,311	-0,001	0,009	0,037	FALSE
-0,085	0,304	-0,001	0,007	0,081	FALSE
0,046	0,313	0,001	0,008	0,058	FALSE
0,080	0,307	0,002	0,008	0,093	FALSE
0,131	0,303	0,005	0,010	0,210	FALSE
0,113	0,308	0,004	0,012	0,136	FALSE
-0,154	0,295	-0,007	0,012	0,232	FALSE
0,057	0,308	0,003	0,012	0,091	FALSE
0,013	0,313	0,001	0,007	0,029	FALSE
0,110	0,300	0,003	0,009	0,127	FALSE
0,047	0,293	0,001	0,010	0,029	FALSE
-0,134	0,295	-0,005	0,010	0,209	FALSE
0,105	0,303	0,005	0,010	0,183	FALSE
-0,014	0,310	0,000	0,006	0,006	FALSE
-0,008	0,308	0,000	0,006	0,015	FALSE
-0,085	0,301	-0,003	0,011	0,101	FALSE
0,115	0,297	0,003	0,008	0,136	FALSE
0,032	0,290	0,001	0,012	0,033	FALSE
-0,205	0,293	-0,007	0,010	0,293	FALSE
0,010	0,296	0,001	0,008	0,051	FALSE
0,060	0,304	0,002	0,008	0,106	FALSE
0,074	0,311	0,002	0,007	0,104	FALSE
0,080	0,303	0,002	0,008	0,125	FALSE
0,104	0,306	0,003	0,006	0,174	FALSE
0,046	0,305	0,002	0,010	0,070	FALSE
-0,032	0,308	-0,001	0,009	0,034	FALSE
0,058	0,307	0,002	0,013	0,060	FALSE
-0,054	0,318	-0,002	0,013	0,070	FALSE
0,077	0,318	0,003	0,013	0,087	FALSE
0,086	0,302	0,002	0,013	0,073	FALSE
-0,060	0,313	-0,003	0,012	0,089	FALSE
-0,221	0,286	-0,005	0,007	0,352	FALSE
-0,217	0,289	-0,005	0,007	0,337	FALSE
-0,004	0,312	0,000	0,008	0,007	FALSE
-0,120	0,305	-0,003	0,008	0,146	FALSE
-0,037	0,305	-0,001	0,008	0,034	FALSE
-0,077	0,308	-0,004	0,011	0,139	FALSE
-0,027	0,312	-0,001	0,009	0,043	FALSE
-0,078	0,321	-0,002	0,009	0,078	FALSE
-0,015	0,307	-0,001	0,009	0,024	FALSE
0,067	0,303	0,001	0,006	0,089	FALSE

0,027	0,315	0,001	0,007	0,029	FALSE
-0,013	0,306	0,000	0,006	0,013	FALSE
0,019	0,297	0,000	0,006	0,027	FALSE
0,051	0,312	0,002	0,008	0,079	FALSE
-0,045	0,301	-0,001	0,006	0,047	FALSE
0,074	0,298	0,002	0,012	0,075	FALSE
0,080	0,305	0,002	0,008	0,091	FALSE
-0,012	0,306	0,000	0,011	0,006	FALSE
0,058	0,298	0,001	0,007	0,050	FALSE
0,048	0,292	0,001	0,008	0,045	FALSE
-0,042	0,302	-0,001	0,012	0,044	FALSE
0,054	0,305	0,002	0,008	0,074	FALSE
0,016	0,311	0,000	0,012	0,014	FALSE
-0,050	0,305	-0,001	0,008	0,040	FALSE
0,098	0,301	0,002	0,008	0,112	FALSE
0,009	0,315	0,000	0,006	0,005	FALSE
-0,066	0,312	-0,003	0,010	0,100	FALSE
0,086	0,294	0,003	0,009	0,129	FALSE
-0,013	0,320	0,000	0,008	0,009	FALSE
-0,048	0,308	-0,001	0,006	0,054	FALSE
0,053	0,302	0,002	0,008	0,076	FALSE
0,017	0,299	0,000	0,009	0,020	FALSE
-0,017	0,302	0,000	0,007	0,003	FALSE
-0,088	0,290	-0,003	0,009	0,138	FALSE
0,156	0,311	0,005	0,012	0,175	FALSE
-0,084	0,299	-0,002	0,007	0,103	FALSE
-0,002	0,312	0,000	0,009	0,019	FALSE
-0,144	0,300	-0,005	0,010	0,236	FALSE
-0,108	0,305	-0,005	0,012	0,174	FALSE
-0,060	0,304	-0,002	0,007	0,106	FALSE
-0,050	0,331	-0,001	0,008	0,049	FALSE
-0,018	0,295	-0,001	0,012	0,038	FALSE
0,007	0,308	0,000	0,008	0,005	FALSE
-0,052	0,308	-0,002	0,010	0,072	FALSE
0,007	0,314	0,000	0,008	0,010	FALSE
0,029	0,306	0,001	0,011	0,030	FALSE
0,039	0,301	0,002	0,010	0,060	FALSE
-0,030	0,289	-0,002	0,012	0,071	FALSE
0,063	0,311	0,002	0,009	0,086	FALSE
0,034	0,319	0,001	0,011	0,036	FALSE
-0,004	0,311	0,000	0,008	0,010	FALSE
0,054	0,301	0,001	0,011	0,039	FALSE
-0,181	0,302	-0,007	0,010	0,277	FALSE
-0,077	0,299	-0,003	0,012	0,092	FALSE
-0,081	0,313	-0,003	0,012	0,102	FALSE
-0,005	0,297	0,000	0,006	0,008	FALSE
-0,026	0,311	-0,002	0,011	0,054	FALSE
-0,055	0,302	-0,003	0,010	0,108	FALSE
-0,027	0,297	-0,002	0,010	0,077	FALSE
-0,114	0,297	-0,003	0,008	0,154	FALSE
0,089	0,310	0,003	0,012	0,107	FALSE
0,041	0,299	0,001	0,011	0,043	FALSE
0,080	0,310	0,003	0,010	0,119	FALSE

-0,008	0,314	0,000	0,012	0,001	FALSE
-0,055	0,309	-0,002	0,007	0,082	FALSE
-0,084	0,298	-0,003	0,008	0,129	FALSE
0,052	0,305	0,002	0,008	0,081	FALSE
0,045	0,308	0,001	0,006	0,082	FALSE
0,003	0,311	0,000	0,007	0,022	FALSE
-0,016	0,312	-0,001	0,008	0,025	FALSE
0,023	0,308	0,001	0,007	0,044	FALSE
-0,028	0,324	-0,001	0,007	0,052	FALSE
-0,069	0,308	-0,001	0,007	0,069	FALSE
-0,009	0,306	0,000	0,010	0,008	FALSE
0,117	0,310	0,003	0,007	0,165	FALSE
-0,023	0,311	-0,001	0,007	0,037	FALSE
-0,045	0,308	-0,002	0,008	0,087	FALSE
0,000	0,308	0,000	0,007	0,018	FALSE
-0,120	0,303	-0,004	0,013	0,141	FALSE
0,077	0,292	0,003	0,008	0,150	FALSE
-0,062	0,316	-0,003	0,013	0,101	FALSE
0,067	0,294	0,002	0,007	0,101	FALSE
-0,014	0,297	-0,001	0,010	0,026	FALSE
-0,166	0,300	-0,007	0,012	0,228	FALSE
0,068	0,297	0,003	0,012	0,103	FALSE
0,043	0,311	0,001	0,009	0,055	FALSE
0,062	0,306	0,002	0,013	0,050	FALSE
-0,045	0,304	-0,001	0,010	0,053	FALSE
0,051	0,305	0,002	0,011	0,062	FALSE
0,076	0,304	0,002	0,011	0,082	FALSE
0,046	0,303	0,002	0,011	0,053	FALSE
0,072	0,313	0,002	0,008	0,125	FALSE
0,069	0,312	0,002	0,008	0,083	FALSE
0,090	0,321	0,002	0,008	0,116	FALSE
-0,019	0,305	-0,001	0,007	0,037	FALSE
-0,092	0,309	-0,002	0,007	0,132	FALSE
-0,061	0,293	-0,001	0,006	0,067	FALSE
0,095	0,293	0,004	0,011	0,127	FALSE
0,235	0,294	0,006	0,007	0,399	FALSE
0,018	0,305	0,000	0,011	0,007	FALSE
-0,033	0,311	-0,002	0,011	0,054	FALSE
0,104	0,313	0,004	0,010	0,148	FALSE
0,075	0,296	0,001	0,007	0,062	FALSE
0,053	0,305	0,002	0,012	0,057	FALSE
-0,152	0,286	-0,006	0,010	0,250	FALSE
-0,080	0,299	-0,002	0,008	0,127	FALSE
-0,105	0,310	-0,004	0,011	0,138	FALSE
-0,046	0,294	-0,002	0,009	0,064	FALSE
0,065	0,296	0,001	0,006	0,069	FALSE
-0,021	0,319	-0,002	0,011	0,054	FALSE
-0,112	0,299	-0,002	0,006	0,130	FALSE
0,001	0,299	0,000	0,010	0,001	FALSE
0,023	0,294	0,001	0,007	0,042	FALSE
0,061	0,308	0,002	0,008	0,077	FALSE
0,128	0,302	0,003	0,007	0,181	FALSE
-0,005	0,316	0,000	0,007	0,002	FALSE

0,082	0,307	0,002	0,008	0,120	FALSE
0,062	0,294	0,002	0,007	0,090	FALSE
-0,028	0,308	0,000	0,008	0,013	FALSE
-0,008	0,308	0,000	0,008	0,001	FALSE
-0,051	0,323	-0,001	0,008	0,050	FALSE
-0,119	0,307	-0,005	0,013	0,168	FALSE
-0,011	0,297	0,000	0,012	0,012	FALSE
0,068	0,314	0,002	0,007	0,088	FALSE
-0,074	0,309	-0,002	0,009	0,080	FALSE
0,151	0,294	0,006	0,012	0,224	FALSE
-0,033	0,303	-0,001	0,008	0,051	FALSE
0,207	0,294	0,009	0,012	0,334	FALSE
-0,031	0,310	0,000	0,008	0,020	FALSE
0,130	0,301	0,005	0,011	0,180	FALSE
-0,096	0,305	-0,002	0,006	0,119	FALSE
0,069	0,318	0,003	0,013	0,081	FALSE
-0,113	0,308	-0,002	0,007	0,131	FALSE
0,167	0,296	0,006	0,011	0,228	FALSE
0,066	0,319	0,002	0,009	0,075	FALSE
0,012	0,305	0,001	0,008	0,022	FALSE
0,083	0,292	0,003	0,009	0,122	FALSE
0,000	0,309	0,000	0,009	0,008	FALSE
0,022	0,305	0,001	0,012	0,039	FALSE
-0,084	0,305	-0,003	0,011	0,113	FALSE
0,140	0,296	0,003	0,008	0,176	FALSE
0,015	0,311	0,000	0,009	0,007	FALSE
0,050	0,300	0,001	0,006	0,065	FALSE
-0,183	0,301	-0,008	0,013	0,264	FALSE
-0,090	0,311	-0,003	0,010	0,097	FALSE
-0,007	0,300	-0,001	0,009	0,022	FALSE
0,066	0,305	0,001	0,006	0,070	FALSE
0,109	0,316	0,002	0,007	0,140	FALSE
-0,103	0,309	-0,003	0,008	0,150	FALSE
-0,048	0,313	-0,001	0,007	0,058	FALSE
0,149	0,304	0,003	0,007	0,188	FALSE
0,040	0,309	0,002	0,007	0,081	FALSE
-0,051	0,307	-0,003	0,010	0,098	FALSE
-0,099	0,306	-0,002	0,007	0,137	FALSE
0,016	0,312	0,000	0,013	0,006	FALSE
0,031	0,311	0,001	0,007	0,054	FALSE
0,093	0,301	0,002	0,010	0,085	FALSE
-0,113	0,298	-0,004	0,010	0,140	FALSE
0,216	0,279	0,007	0,011	0,287	FALSE
-0,053	0,301	-0,001	0,008	0,040	FALSE
0,006	0,295	-0,001	0,011	0,029	FALSE
-0,015	0,303	-0,001	0,009	0,045	FALSE
0,046	0,295	0,001	0,006	0,052	FALSE
0,035	0,317	0,001	0,007	0,028	FALSE
-0,055	0,308	-0,001	0,006	0,042	FALSE
-0,056	0,305	-0,001	0,009	0,056	FALSE
-0,042	0,304	-0,001	0,010	0,020	FALSE
-0,029	0,300	-0,001	0,013	0,026	FALSE
0,096	0,297	0,002	0,007	0,132	FALSE

0,005	0,295	0,000	0,008	0,016	FALSE
0,018	0,308	0,001	0,009	0,030	FALSE
0,134	0,307	0,004	0,010	0,170	FALSE
0,028	0,299	0,001	0,013	0,035	FALSE
-0,001	0,298	0,000	0,007	0,003	FALSE
-0,026	0,313	0,000	0,009	0,019	FALSE
-0,004	0,300	0,000	0,009	0,010	FALSE
-0,037	0,300	-0,001	0,009	0,034	FALSE
-0,092	0,292	-0,002	0,008	0,120	FALSE
0,033	0,311	0,001	0,006	0,076	FALSE
-0,027	0,296	-0,001	0,010	0,036	FALSE
0,039	0,305	0,001	0,007	0,034	FALSE
-0,130	0,298	-0,003	0,008	0,158	FALSE
0,026	0,300	0,000	0,009	0,009	FALSE
-0,042	0,310	-0,001	0,007	0,056	FALSE
-0,052	0,311	-0,001	0,006	0,063	FALSE
0,021	0,304	0,000	0,013	0,004	FALSE
0,017	0,320	0,001	0,010	0,022	FALSE
0,067	0,312	0,002	0,009	0,089	FALSE
0,032	0,308	0,002	0,012	0,051	FALSE
0,010	0,303	0,001	0,012	0,033	FALSE
0,191	0,300	0,005	0,007	0,278	FALSE
0,067	0,307	0,001	0,009	0,040	FALSE
0,047	0,313	0,002	0,009	0,082	FALSE
-0,005	0,306	0,000	0,009	0,013	FALSE
-0,014	0,309	-0,001	0,012	0,023	FALSE
0,090	0,304	0,002	0,007	0,105	FALSE
0,047	0,299	0,001	0,008	0,031	FALSE
-0,060	0,316	-0,001	0,007	0,067	FALSE
0,034	0,314	0,001	0,008	0,057	FALSE
0,163	0,318	0,005	0,011	0,192	FALSE
0,111	0,300	0,003	0,007	0,143	FALSE
-0,079	0,315	-0,002	0,011	0,078	FALSE
-0,002	0,317	0,000	0,007	0,010	FALSE
-0,039	0,308	-0,001	0,007	0,045	FALSE
-0,093	0,312	-0,002	0,007	0,110	FALSE
-0,051	0,303	-0,002	0,008	0,086	FALSE
0,039	0,297	0,001	0,012	0,035	FALSE
0,033	0,292	0,001	0,011	0,032	FALSE
0,215	0,291	0,007	0,009	0,331	FALSE
-0,019	0,310	-0,001	0,012	0,026	FALSE
-0,118	0,314	-0,005	0,013	0,143	FALSE
-0,011	0,290	-0,001	0,011	0,030	FALSE
0,022	0,301	0,001	0,006	0,035	FALSE
-0,069	0,310	-0,003	0,012	0,100	FALSE
0,011	0,302	0,000	0,012	0,004	FALSE
-0,072	0,303	-0,002	0,008	0,082	FALSE
0,044	0,307	0,002	0,008	0,070	FALSE
0,118	0,298	0,003	0,008	0,173	FALSE
0,070	0,303	0,002	0,009	0,100	FALSE
0,030	0,308	0,001	0,006	0,045	FALSE
-0,050	0,307	-0,002	0,012	0,061	FALSE
-0,039	0,305	-0,001	0,010	0,050	FALSE

-0,001	0,304	0,000	0,008	0,014	FALSE
-0,032	0,322	-0,001	0,013	0,034	FALSE
-0,151	0,306	-0,006	0,013	0,196	FALSE
-0,037	0,305	-0,001	0,012	0,030	FALSE
-0,029	0,311	-0,001	0,013	0,015	FALSE
0,050	0,317	0,001	0,007	0,055	FALSE
0,026	0,327	0,001	0,013	0,024	FALSE
-0,052	0,327	-0,003	0,013	0,070	FALSE
-0,016	0,313	-0,001	0,008	0,033	FALSE
-0,035	0,318	-0,002	0,011	0,062	FALSE
0,011	0,308	0,000	0,009	0,007	FALSE
-0,098	0,320	-0,002	0,009	0,108	FALSE
-0,099	0,302	-0,004	0,011	0,151	FALSE
-0,072	0,310	-0,002	0,009	0,099	FALSE
-0,087	0,315	-0,002	0,007	0,107	FALSE
0,005	0,301	0,001	0,012	0,015	FALSE
-0,079	0,315	-0,003	0,013	0,077	FALSE
0,053	0,306	0,003	0,012	0,080	FALSE
0,049	0,295	0,002	0,012	0,070	FALSE
0,093	0,299	0,002	0,010	0,080	FALSE
0,045	0,295	0,000	0,010	0,016	FALSE
-0,095	0,313	-0,002	0,008	0,095	FALSE
-0,061	0,303	-0,001	0,007	0,076	FALSE
0,013	0,296	0,000	0,007	0,018	FALSE
0,008	0,310	0,000	0,009	0,001	FALSE
0,000	0,305	0,000	0,008	0,001	FALSE
-0,018	0,305	-0,001	0,012	0,018	FALSE
0,030	0,304	0,002	0,010	0,071	FALSE
-0,076	0,304	-0,001	0,006	0,076	FALSE
0,052	0,309	0,002	0,008	0,070	FALSE
0,017	0,305	0,000	0,006	0,019	FALSE
-0,001	0,311	0,001	0,013	0,014	FALSE
0,078	0,296	0,002	0,007	0,095	FALSE
0,080	0,314	0,003	0,010	0,116	FALSE
0,094	0,311	0,002	0,007	0,145	FALSE
-0,034	0,307	-0,001	0,007	0,062	FALSE
-0,092	0,315	-0,002	0,008	0,122	FALSE
-0,086	0,319	-0,003	0,008	0,120	FALSE
-0,014	0,294	-0,001	0,013	0,022	FALSE
-0,057	0,295	-0,002	0,011	0,068	FALSE
0,022	0,306	0,001	0,007	0,027	FALSE
0,106	0,300	0,004	0,009	0,166	FALSE
-0,056	0,290	-0,001	0,006	0,090	FALSE
0,003	0,309	0,001	0,008	0,031	FALSE
0,035	0,298	0,001	0,007	0,028	FALSE
-0,047	0,311	-0,002	0,013	0,059	FALSE
0,025	0,309	0,001	0,009	0,028	FALSE
-0,175	0,303	-0,005	0,008	0,251	FALSE
0,049	0,306	0,001	0,011	0,035	FALSE
0,000	0,322	0,000	0,013	0,012	FALSE
-0,011	0,309	-0,002	0,013	0,049	FALSE
-0,013	0,315	0,000	0,007	0,022	FALSE
-0,211	0,302	-0,005	0,008	0,296	FALSE

-0,021	0,312	0,000	0,011	0,004	FALSE
-0,087	0,291	-0,004	0,013	0,133	FALSE
0,077	0,308	0,002	0,007	0,093	FALSE
0,086	0,298	0,003	0,009	0,110	FALSE
-0,055	0,301	-0,001	0,007	0,059	FALSE
0,047	0,316	0,001	0,008	0,058	FALSE
0,045	0,294	0,001	0,009	0,037	FALSE
-0,040	0,310	-0,001	0,008	0,023	FALSE
-0,099	0,310	-0,003	0,010	0,119	FALSE
-0,064	0,303	-0,001	0,008	0,054	FALSE
-0,013	0,302	-0,001	0,006	0,044	FALSE
-0,017	0,311	0,000	0,006	0,020	FALSE
-0,027	0,317	-0,001	0,007	0,049	FALSE
-0,096	0,296	-0,002	0,006	0,116	FALSE
-0,007	0,311	0,000	0,010	0,012	FALSE
0,132	0,312	0,004	0,009	0,168	FALSE
-0,064	0,311	-0,002	0,010	0,074	FALSE
-0,054	0,302	-0,002	0,009	0,079	FALSE
-0,078	0,305	-0,001	0,006	0,082	FALSE
-0,083	0,312	-0,002	0,007	0,112	FALSE
0,087	0,297	0,005	0,012	0,154	FALSE
0,043	0,308	0,001	0,006	0,070	FALSE
0,085	0,315	0,003	0,010	0,136	FALSE
0,032	0,288	0,001	0,006	0,066	FALSE
-0,022	0,305	-0,002	0,013	0,043	FALSE
0,050	0,303	0,001	0,006	0,078	FALSE
-0,097	0,300	-0,002	0,006	0,113	FALSE
-0,121	0,290	-0,002	0,006	0,153	FALSE
-0,131	0,296	-0,002	0,006	0,164	FALSE
0,105	0,311	0,006	0,014	0,168	FALSE
0,178	0,299	0,008	0,012	0,279	FALSE
-0,066	0,312	-0,004	0,011	0,131	FALSE
0,131	0,311	0,003	0,008	0,144	FALSE
-0,105	0,300	-0,005	0,011	0,175	FALSE
0,025	0,308	0,001	0,006	0,042	FALSE
0,103	0,293	0,004	0,012	0,138	FALSE
0,112	0,307	0,003	0,009	0,145	FALSE
-0,193	0,298	-0,004	0,007	0,274	FALSE
0,026	0,309	0,001	0,009	0,029	FALSE
-0,087	0,303	-0,002	0,007	0,143	FALSE
0,044	0,302	0,001	0,008	0,036	FALSE
-0,050	0,300	-0,001	0,007	0,075	FALSE
-0,145	0,305	-0,004	0,009	0,210	FALSE
0,000	0,317	0,000	0,007	0,010	FALSE
0,004	0,304	0,000	0,012	0,006	FALSE
-0,004	0,298	-0,001	0,012	0,020	FALSE
0,038	0,318	0,001	0,010	0,030	FALSE
-0,001	0,317	0,000	0,006	0,004	FALSE
-0,045	0,299	-0,001	0,007	0,041	FALSE
-0,003	0,313	0,000	0,012	0,011	FALSE
0,116	0,302	0,003	0,007	0,173	FALSE
-0,020	0,302	0,000	0,006	0,001	FALSE
0,019	0,300	0,001	0,009	0,042	FALSE

0,059	0,294	0,001	0,006	0,086	FALSE
0,086	0,314	0,003	0,011	0,108	FALSE
0,033	0,305	0,001	0,007	0,051	FALSE
0,176	0,299	0,006	0,012	0,240	FALSE
0,021	0,310	0,002	0,012	0,047	FALSE
0,001	0,310	0,000	0,011	0,004	FALSE
-0,161	0,309	-0,004	0,009	0,195	FALSE
-0,108	0,320	-0,004	0,011	0,157	FALSE
0,062	0,301	0,002	0,007	0,085	FALSE
0,006	0,316	0,000	0,008	0,021	FALSE
-0,095	0,305	-0,004	0,011	0,160	FALSE
0,091	0,317	0,005	0,012	0,163	FALSE
-0,002	0,317	0,000	0,008	0,000	FALSE
0,104	0,306	0,005	0,012	0,166	FALSE
-0,033	0,305	-0,001	0,012	0,046	FALSE
-0,044	0,296	-0,001	0,007	0,074	FALSE
-0,069	0,308	-0,002	0,007	0,109	FALSE
-0,027	0,299	-0,001	0,007	0,055	FALSE
-0,044	0,304	-0,002	0,007	0,082	FALSE
0,058	0,315	0,002	0,009	0,091	FALSE
-0,044	0,292	-0,001	0,007	0,071	FALSE
-0,039	0,297	-0,001	0,007	0,064	FALSE
0,004	0,315	0,000	0,006	0,016	FALSE
0,002	0,311	0,000	0,007	0,007	FALSE
-0,008	0,317	0,000	0,007	0,021	FALSE
-0,010	0,316	0,000	0,006	0,018	FALSE
-0,009	0,299	-0,001	0,009	0,034	FALSE
0,002	0,301	0,000	0,006	0,010	FALSE
-0,061	0,303	-0,002	0,010	0,079	FALSE
-0,018	0,301	-0,001	0,006	0,034	FALSE
-0,013	0,308	-0,001	0,007	0,030	FALSE
0,062	0,305	0,002	0,007	0,103	FALSE
0,033	0,309	0,001	0,009	0,026	FALSE
0,015	0,308	0,001	0,009	0,024	FALSE
-0,030	0,297	-0,001	0,011	0,030	FALSE
0,113	0,292	0,003	0,011	0,124	FALSE
-0,129	0,297	-0,005	0,012	0,181	FALSE
-0,122	0,303	-0,005	0,012	0,164	FALSE
-0,073	0,307	-0,002	0,011	0,083	FALSE
-0,106	0,303	-0,003	0,007	0,151	FALSE
0,028	0,299	0,000	0,008	0,013	FALSE
-0,041	0,314	-0,001	0,009	0,047	FALSE
-0,062	0,305	-0,001	0,007	0,060	FALSE
0,126	0,311	0,003	0,008	0,134	FALSE
0,066	0,312	0,001	0,007	0,084	FALSE
-0,145	0,300	-0,006	0,012	0,207	FALSE
-0,041	0,310	-0,001	0,008	0,065	FALSE
-0,040	0,307	-0,001	0,011	0,037	FALSE
-0,002	0,294	0,001	0,011	0,028	FALSE
0,060	0,316	0,003	0,013	0,075	FALSE
-0,004	0,307	0,000	0,009	0,018	FALSE
-0,106	0,309	-0,005	0,010	0,184	FALSE
0,053	0,298	0,002	0,010	0,067	FALSE

-0,047	0,304	-0,001	0,007	0,052	FALSE
0,085	0,301	0,002	0,011	0,085	FALSE
-0,058	0,287	-0,002	0,010	0,089	FALSE
-0,057	0,333	-0,002	0,009	0,073	FALSE
-0,026	0,297	-0,001	0,009	0,025	FALSE
0,081	0,292	0,002	0,013	0,066	FALSE
0,020	0,298	0,000	0,013	0,007	FALSE
0,026	0,302	0,000	0,013	0,008	FALSE
0,109	0,296	0,005	0,010	0,190	FALSE
0,082	0,308	0,003	0,010	0,106	FALSE
0,001	0,310	0,000	0,011	0,010	FALSE
-0,018	0,318	0,000	0,007	0,017	FALSE
-0,032	0,318	0,000	0,007	0,022	FALSE
-0,111	0,308	-0,003	0,010	0,124	FALSE
-0,044	0,306	-0,001	0,008	0,052	FALSE
0,014	0,304	0,001	0,008	0,024	FALSE
-0,025	0,316	0,000	0,009	0,017	FALSE
0,084	0,300	0,003	0,008	0,121	FALSE
0,085	0,309	0,003	0,008	0,123	FALSE
0,090	0,311	0,003	0,008	0,146	FALSE
-0,030	0,310	0,000	0,007	0,015	FALSE
0,035	0,291	0,002	0,009	0,067	FALSE
0,022	0,313	0,001	0,010	0,029	FALSE
0,008	0,322	0,000	0,013	0,002	FALSE
0,074	0,311	0,002	0,009	0,082	FALSE
0,084	0,305	0,003	0,011	0,086	FALSE
-0,077	0,305	-0,002	0,009	0,099	FALSE
-0,073	0,289	-0,002	0,007	0,094	FALSE
-0,055	0,306	-0,002	0,010	0,070	FALSE
-0,082	0,306	-0,002	0,009	0,087	FALSE
-0,028	0,304	-0,001	0,007	0,043	FALSE
-0,075	0,308	-0,001	0,007	0,065	FALSE
-0,089	0,308	-0,002	0,007	0,079	FALSE
0,022	0,317	0,000	0,013	0,007	FALSE
0,110	0,295	0,003	0,007	0,137	FALSE
0,047	0,322	0,002	0,009	0,084	FALSE
-0,045	0,291	-0,002	0,009	0,088	FALSE
0,118	0,303	0,003	0,008	0,169	FALSE
0,031	0,306	0,001	0,007	0,059	FALSE
-0,075	0,289	-0,001	0,007	0,054	FALSE
0,071	0,323	0,001	0,009	0,061	FALSE
-0,071	0,317	-0,001	0,008	0,049	FALSE
-0,098	0,319	-0,002	0,008	0,118	FALSE
0,010	0,295	0,000	0,008	0,003	FALSE
-0,102	0,296	-0,003	0,009	0,135	FALSE
-0,092	0,312	-0,003	0,009	0,122	FALSE
0,102	0,302	0,003	0,010	0,123	FALSE
-0,051	0,321	-0,001	0,007	0,084	FALSE
-0,022	0,318	-0,001	0,008	0,030	FALSE
-0,033	0,318	-0,001	0,012	0,037	FALSE
0,049	0,312	0,002	0,013	0,057	FALSE
0,068	0,304	0,002	0,007	0,090	FALSE
0,024	0,303	0,000	0,007	0,020	FALSE

-0,189	0,295	-0,007	0,010	0,303	FALSE
0,032	0,316	0,001	0,006	0,041	FALSE
0,067	0,308	0,003	0,012	0,086	FALSE
0,117	0,310	0,004	0,011	0,163	FALSE
0,010	0,312	0,000	0,010	0,003	FALSE
-0,027	0,313	-0,001	0,010	0,049	FALSE
-0,036	0,309	-0,002	0,009	0,070	FALSE
-0,205	0,309	-0,007	0,011	0,304	FALSE
-0,092	0,295	-0,002	0,006	0,145	FALSE
-0,055	0,316	-0,002	0,012	0,074	FALSE
-0,045	0,298	-0,001	0,006	0,079	FALSE
-0,030	0,299	-0,001	0,008	0,057	FALSE
-0,056	0,318	-0,002	0,012	0,063	FALSE
-0,031	0,310	-0,001	0,010	0,036	FALSE
0,026	0,303	0,001	0,012	0,023	FALSE
0,008	0,300	0,001	0,007	0,035	FALSE
-0,105	0,304	-0,004	0,012	0,138	FALSE
-0,002	0,315	0,000	0,011	0,000	FALSE
0,052	0,306	0,002	0,012	0,077	FALSE
-0,111	0,313	-0,004	0,011	0,144	FALSE
0,091	0,305	0,002	0,006	0,149	FALSE
0,110	0,323	0,004	0,011	0,149	FALSE
0,070	0,315	0,002	0,011	0,077	FALSE
-0,022	0,310	-0,001	0,008	0,049	FALSE
-0,033	0,310	-0,001	0,007	0,032	FALSE
-0,114	0,306	-0,003	0,007	0,173	FALSE
0,028	0,309	0,001	0,007	0,047	FALSE
0,040	0,305	0,001	0,007	0,062	FALSE
0,047	0,308	0,001	0,013	0,031	FALSE
0,142	0,313	0,003	0,007	0,186	FALSE
0,008	0,312	0,001	0,013	0,027	FALSE
0,061	0,312	0,003	0,012	0,092	FALSE
0,014	0,305	0,001	0,012	0,028	FALSE
0,095	0,308	0,004	0,011	0,151	FALSE
-0,014	0,303	0,000	0,010	0,001	FALSE
0,001	0,298	-0,001	0,011	0,023	FALSE
0,048	0,320	0,002	0,008	0,086	FALSE
-0,098	0,301	-0,002	0,008	0,112	FALSE
0,108	0,316	0,004	0,012	0,118	FALSE
0,092	0,301	0,003	0,012	0,097	FALSE
0,020	0,306	0,001	0,010	0,034	FALSE
-0,111	0,301	-0,003	0,007	0,156	FALSE
0,081	0,301	0,003	0,009	0,119	FALSE
0,021	0,296	0,001	0,010	0,027	FALSE
0,034	0,300	0,001	0,013	0,034	FALSE
0,034	0,311	0,001	0,010	0,020	FALSE
0,047	0,318	0,001	0,010	0,025	FALSE
0,015	0,316	0,000	0,010	0,010	FALSE
0,025	0,309	0,001	0,010	0,027	FALSE
-0,084	0,302	-0,003	0,013	0,107	FALSE
-0,043	0,314	-0,002	0,012	0,053	FALSE
-0,028	0,299	-0,002	0,011	0,054	FALSE
-0,004	0,302	0,000	0,007	0,006	FALSE

-0,004	0,317	0,000	0,012	0,008	FALSE
-0,049	0,309	-0,001	0,008	0,045	FALSE
0,019	0,304	0,001	0,007	0,047	FALSE
-0,074	0,305	-0,001	0,006	0,082	FALSE
0,014	0,309	0,001	0,007	0,030	FALSE
0,040	0,317	0,002	0,013	0,063	FALSE
0,086	0,309	0,002	0,008	0,115	FALSE
-0,168	0,298	-0,005	0,008	0,240	FALSE
-0,011	0,316	-0,001	0,012	0,021	FALSE
-0,098	0,308	-0,005	0,013	0,159	FALSE
-0,016	0,317	0,000	0,009	0,001	FALSE
-0,027	0,305	-0,001	0,009	0,022	FALSE
0,024	0,308	0,001	0,009	0,028	FALSE
0,078	0,314	0,002	0,009	0,069	FALSE
0,009	0,312	0,000	0,008	0,002	FALSE
0,243	0,297	0,006	0,007	0,403	FALSE
0,001	0,310	0,000	0,011	0,013	FALSE
-0,044	0,294	-0,001	0,006	0,082	FALSE
0,148	0,309	0,004	0,009	0,170	FALSE
0,023	0,316	0,001	0,011	0,028	FALSE
-0,026	0,303	0,000	0,006	0,014	FALSE
0,005	0,314	0,000	0,008	0,011	FALSE
-0,018	0,302	0,000	0,008	0,015	FALSE
0,044	0,303	0,001	0,012	0,032	FALSE
-0,126	0,288	-0,005	0,009	0,227	FALSE
0,095	0,301	0,004	0,011	0,136	FALSE
0,050	0,314	0,002	0,010	0,060	FALSE
0,005	0,304	0,000	0,011	0,011	FALSE
-0,103	0,297	-0,004	0,012	0,147	FALSE
-0,065	0,301	-0,002	0,007	0,086	FALSE
-0,108	0,298	-0,004	0,012	0,155	FALSE
-0,053	0,309	-0,001	0,011	0,046	FALSE
-0,128	0,301	-0,004	0,011	0,169	FALSE
0,010	0,305	0,000	0,008	0,006	FALSE
0,009	0,313	0,001	0,011	0,026	FALSE
-0,039	0,296	-0,001	0,008	0,022	FALSE
-0,001	0,295	-0,001	0,009	0,032	FALSE
-0,018	0,314	-0,001	0,012	0,020	FALSE
0,074	0,313	0,001	0,007	0,076	FALSE
-0,016	0,310	0,000	0,010	0,015	FALSE
-0,032	0,314	-0,002	0,012	0,045	FALSE
-0,009	0,320	0,000	0,012	0,015	FALSE
0,000	0,310	0,000	0,012	0,005	FALSE
0,038	0,312	0,001	0,008	0,061	FALSE
0,073	0,297	0,002	0,009	0,098	FALSE
0,065	0,316	0,001	0,007	0,072	FALSE
0,008	0,306	-0,001	0,009	0,025	FALSE
0,019	0,315	0,000	0,007	0,012	FALSE
0,036	0,318	0,001	0,007	0,054	FALSE
0,011	0,304	0,000	0,007	0,011	FALSE
0,032	0,303	0,001	0,011	0,044	FALSE
-0,004	0,326	0,000	0,012	0,009	FALSE
0,147	0,313	0,003	0,006	0,204	FALSE

0,147	0,313	0,004	0,007	0,230	FALSE
-0,115	0,311	-0,005	0,013	0,155	FALSE
0,141	0,303	0,006	0,012	0,204	FALSE
0,134	0,303	0,005	0,012	0,198	FALSE
-0,083	0,317	-0,004	0,013	0,125	FALSE
0,025	0,295	0,002	0,012	0,056	FALSE
-0,016	0,320	-0,001	0,012	0,028	FALSE
0,007	0,306	0,000	0,007	0,018	FALSE
-0,019	0,303	-0,001	0,012	0,033	FALSE
0,058	0,312	0,001	0,007	0,083	FALSE
0,043	0,313	0,001	0,009	0,041	FALSE
0,015	0,318	0,000	0,007	0,024	FALSE
0,015	0,312	0,001	0,011	0,026	FALSE
-0,090	0,303	-0,002	0,008	0,099	FALSE
0,021	0,300	0,001	0,012	0,037	FALSE
0,024	0,316	0,001	0,011	0,022	FALSE
0,079	0,314	0,003	0,012	0,089	FALSE
-0,021	0,297	-0,001	0,007	0,030	FALSE
-0,012	0,326	0,000	0,010	0,004	FALSE
-0,027	0,309	-0,001	0,011	0,019	FALSE
0,141	0,304	0,003	0,008	0,167	FALSE
-0,007	0,310	0,000	0,013	0,006	FALSE
-0,032	0,305	-0,001	0,010	0,037	FALSE
0,023	0,299	0,000	0,009	0,020	FALSE
-0,034	0,295	-0,001	0,008	0,055	FALSE
-0,004	0,307	0,000	0,007	0,011	FALSE
0,032	0,310	0,001	0,010	0,033	FALSE
0,099	0,312	0,004	0,013	0,123	FALSE
0,102	0,302	0,002	0,007	0,124	FALSE
-0,060	0,299	-0,003	0,012	0,087	FALSE
0,043	0,311	0,001	0,007	0,036	FALSE
0,087	0,312	0,002	0,007	0,114	FALSE
0,114	0,315	0,004	0,012	0,143	FALSE
0,008	0,300	0,000	0,006	0,022	FALSE
0,117	0,303	0,004	0,012	0,143	FALSE
0,085	0,319	0,003	0,011	0,117	FALSE
-0,080	0,303	-0,002	0,010	0,082	FALSE
0,027	0,304	0,000	0,012	0,005	FALSE
0,082	0,281	0,001	0,006	0,088	FALSE
-0,009	0,322	-0,001	0,013	0,024	FALSE
-0,036	0,327	0,000	0,009	0,014	FALSE
-0,010	0,311	0,000	0,012	0,009	FALSE
0,031	0,315	0,001	0,007	0,035	FALSE
-0,072	0,309	-0,002	0,007	0,091	FALSE
-0,046	0,302	-0,001	0,009	0,060	FALSE
-0,013	0,315	-0,001	0,013	0,019	FALSE
-0,030	0,313	-0,002	0,013	0,047	FALSE
-0,114	0,299	-0,005	0,013	0,168	FALSE
0,002	0,306	0,001	0,007	0,029	FALSE
-0,113	0,290	-0,002	0,008	0,115	FALSE
-0,018	0,293	0,000	0,010	0,008	FALSE
-0,035	0,309	-0,002	0,012	0,052	FALSE
0,046	0,289	0,002	0,011	0,065	FALSE

0,056	0,304	0,001	0,007	0,057	FALSE
-0,075	0,298	-0,002	0,006	0,119	FALSE
0,068	0,300	0,002	0,007	0,105	FALSE
-0,071	0,307	-0,002	0,008	0,097	FALSE
0,007	0,313	0,000	0,011	0,005	FALSE
-0,039	0,310	-0,001	0,007	0,035	FALSE
0,038	0,303	0,001	0,008	0,040	FALSE
-0,079	0,301	-0,002	0,007	0,108	FALSE
0,098	0,316	0,003	0,013	0,082	FALSE
0,146	0,306	0,006	0,012	0,199	FALSE
-0,069	0,308	-0,002	0,008	0,082	FALSE
-0,020	0,305	-0,002	0,012	0,055	FALSE
0,076	0,305	0,001	0,007	0,079	FALSE
0,044	0,312	0,001	0,008	0,061	FALSE
-0,070	0,297	-0,002	0,007	0,107	FALSE
0,150	0,306	0,003	0,007	0,214	FALSE
0,069	0,297	0,003	0,011	0,095	FALSE
0,048	0,300	0,001	0,007	0,066	FALSE
-0,003	0,300	0,000	0,007	0,024	FALSE
0,028	0,291	0,000	0,006	0,010	FALSE
-0,011	0,313	0,000	0,009	0,009	FALSE
0,080	0,306	0,002	0,008	0,086	FALSE
-0,020	0,309	0,000	0,009	0,011	FALSE
-0,019	0,308	0,000	0,013	0,003	FALSE
0,030	0,306	0,001	0,007	0,031	FALSE
-0,001	0,295	0,000	0,008	0,011	FALSE
-0,024	0,317	-0,001	0,009	0,043	FALSE
0,155	0,312	0,004	0,007	0,226	FALSE
0,149	0,299	0,006	0,012	0,219	FALSE
0,145	0,297	0,006	0,012	0,219	FALSE
0,172	0,285	0,006	0,010	0,275	FALSE
0,204	0,293	0,009	0,013	0,323	FALSE
-0,161	0,309	-0,006	0,011	0,240	FALSE
-0,175	0,307	-0,006	0,011	0,235	FALSE
-0,138	0,309	-0,005	0,011	0,190	FALSE
0,004	0,325	0,000	0,007	0,012	FALSE
-0,116	0,308	-0,002	0,006	0,134	FALSE
-0,111	0,319	-0,004	0,013	0,128	FALSE
0,115	0,307	0,004	0,011	0,154	FALSE
0,129	0,314	0,005	0,011	0,164	FALSE
0,059	0,330	0,002	0,012	0,072	FALSE
0,026	0,310	0,001	0,007	0,030	FALSE
-0,122	0,301	-0,004	0,010	0,175	FALSE
-0,129	0,284	-0,005	0,010	0,191	FALSE
-0,081	0,301	-0,002	0,008	0,107	FALSE
0,060	0,282	0,002	0,009	0,092	FALSE
0,033	0,307	0,001	0,008	0,034	FALSE
0,042	0,297	0,002	0,012	0,066	FALSE
-0,043	0,307	-0,001	0,007	0,054	FALSE
-0,077	0,306	-0,002	0,008	0,101	FALSE
-0,125	0,309	-0,005	0,013	0,164	FALSE
0,084	0,304	0,002	0,007	0,102	FALSE
0,123	0,303	0,005	0,012	0,168	FALSE

-0,024	0,299	0,000	0,008	0,017	FALSE
0,036	0,305	0,001	0,008	0,051	FALSE
-0,018	0,305	-0,001	0,012	0,015	FALSE
-0,102	0,301	-0,002	0,007	0,118	FALSE
0,029	0,326	0,001	0,007	0,057	FALSE
-0,068	0,315	-0,002	0,012	0,076	FALSE
-0,017	0,307	-0,001	0,008	0,024	FALSE
0,088	0,305	0,004	0,013	0,121	FALSE
-0,017	0,294	-0,001	0,009	0,024	FALSE
0,019	0,298	0,001	0,013	0,018	FALSE
-0,027	0,322	-0,001	0,012	0,027	FALSE
0,079	0,296	0,001	0,006	0,080	FALSE
-0,140	0,291	-0,004	0,009	0,177	FALSE
-0,050	0,311	-0,001	0,007	0,048	FALSE
0,023	0,318	0,001	0,008	0,024	FALSE
0,039	0,315	0,001	0,007	0,046	FALSE
0,033	0,301	0,001	0,006	0,042	FALSE
0,090	0,302	0,002	0,009	0,091	FALSE
0,048	0,310	0,002	0,013	0,053	FALSE
0,011	0,320	0,001	0,010	0,023	FALSE
0,000	0,303	0,000	0,013	0,002	FALSE
0,114	0,303	0,003	0,007	0,161	FALSE
0,106	0,320	0,003	0,007	0,140	FALSE
0,080	0,309	0,002	0,007	0,107	FALSE
0,089	0,313	0,002	0,008	0,115	FALSE
0,093	0,299	0,002	0,007	0,130	FALSE
0,070	0,317	0,002	0,007	0,100	FALSE
-0,067	0,307	-0,001	0,007	0,077	FALSE
-0,066	0,300	-0,003	0,012	0,104	FALSE
0,011	0,317	0,000	0,008	0,010	FALSE
-0,069	0,300	-0,003	0,009	0,106	FALSE
-0,017	0,296	-0,001	0,012	0,043	FALSE
-0,105	0,303	-0,004	0,013	0,135	FALSE
0,003	0,306	0,001	0,010	0,022	FALSE
-0,022	0,301	0,000	0,008	0,011	FALSE
0,051	0,299	0,001	0,006	0,059	FALSE
-0,120	0,312	-0,005	0,013	0,146	FALSE
0,060	0,316	0,001	0,007	0,077	FALSE
0,102	0,307	0,002	0,006	0,117	FALSE
0,085	0,305	0,002	0,012	0,070	FALSE
0,139	0,296	0,002	0,006	0,164	FALSE
-0,150	0,302	-0,004	0,008	0,201	FALSE
0,034	0,297	0,001	0,011	0,031	FALSE
-0,037	0,302	0,000	0,008	0,013	FALSE
0,026	0,320	0,001	0,013	0,034	FALSE
-0,156	0,303	-0,005	0,009	0,223	FALSE
0,062	0,304	0,003	0,009	0,108	FALSE
-0,010	0,316	0,000	0,007	0,019	FALSE
0,026	0,300	0,001	0,006	0,036	FALSE
-0,045	0,317	-0,001	0,012	0,044	FALSE
0,008	0,300	0,000	0,008	0,001	FALSE
-0,117	0,306	-0,003	0,009	0,137	FALSE
0,043	0,307	0,001	0,011	0,039	FALSE

-0,027	0,315	-0,001	0,011	0,032	FALSE
0,014	0,301	0,000	0,013	0,000	FALSE
-0,105	0,308	-0,003	0,008	0,136	FALSE
0,063	0,326	0,002	0,013	0,062	FALSE
0,065	0,318	0,002	0,009	0,069	FALSE
-0,090	0,298	-0,002	0,008	0,110	FALSE
-0,047	0,299	0,000	0,006	0,028	FALSE
-0,042	0,309	-0,001	0,007	0,051	FALSE
-0,147	0,304	-0,005	0,010	0,193	FALSE
0,019	0,305	0,001	0,013	0,015	FALSE
-0,132	0,291	-0,005	0,010	0,196	FALSE
-0,110	0,294	-0,004	0,010	0,155	FALSE
0,080	0,306	0,002	0,007	0,102	FALSE
-0,061	0,308	-0,001	0,006	0,082	FALSE
0,116	0,300	0,004	0,010	0,178	FALSE
-0,107	0,311	-0,005	0,013	0,157	FALSE
-0,009	0,304	0,000	0,009	0,013	FALSE
0,061	0,305	0,003	0,013	0,092	FALSE
0,003	0,303	0,000	0,008	0,018	FALSE
0,030	0,313	0,000	0,007	0,024	FALSE
0,032	0,319	0,001	0,012	0,032	FALSE
0,019	0,309	0,001	0,007	0,046	FALSE
-0,010	0,302	0,000	0,007	0,014	FALSE
0,138	0,316	0,004	0,008	0,203	FALSE
0,100	0,304	0,004	0,012	0,121	FALSE
0,103	0,297	0,003	0,009	0,142	FALSE
0,099	0,296	0,003	0,008	0,153	FALSE
0,090	0,297	0,003	0,009	0,149	FALSE
-0,135	0,313	-0,005	0,013	0,162	FALSE
-0,004	0,320	0,000	0,010	0,011	FALSE
-0,004	0,304	0,000	0,006	0,008	FALSE
-0,004	0,306	0,000	0,013	0,001	FALSE
-0,021	0,296	0,000	0,009	0,007	FALSE
-0,121	0,300	-0,003	0,008	0,170	FALSE
-0,002	0,308	-0,001	0,011	0,027	FALSE
-0,001	0,316	0,000	0,008	0,003	FALSE
-0,053	0,299	-0,002	0,009	0,090	FALSE
0,040	0,319	0,001	0,007	0,037	FALSE
-0,069	0,301	-0,002	0,008	0,082	FALSE
-0,031	0,295	-0,001	0,011	0,038	FALSE
0,017	0,312	0,000	0,007	0,004	FALSE
0,041	0,305	0,001	0,007	0,051	FALSE
-0,032	0,310	-0,001	0,009	0,055	FALSE
0,008	0,310	0,000	0,007	0,017	FALSE
-0,068	0,297	-0,001	0,009	0,057	FALSE
0,042	0,300	0,001	0,011	0,040	FALSE
-0,102	0,305	-0,002	0,008	0,093	FALSE
0,040	0,310	0,001	0,009	0,060	FALSE
-0,015	0,312	-0,001	0,008	0,028	FALSE
-0,013	0,305	-0,001	0,008	0,043	FALSE
0,034	0,299	0,000	0,011	0,011	FALSE
-0,118	0,300	-0,002	0,007	0,129	FALSE
0,013	0,310	0,001	0,007	0,029	FALSE

0,103	0,281	0,003	0,011	0,101	FALSE
-0,096	0,302	-0,003	0,009	0,139	FALSE
0,100	0,304	0,003	0,012	0,089	FALSE
0,070	0,314	0,003	0,013	0,101	FALSE
-0,011	0,308	0,000	0,010	0,007	FALSE
-0,064	0,308	-0,002	0,008	0,088	FALSE
0,202	0,305	0,007	0,010	0,279	FALSE
0,079	0,299	0,002	0,006	0,099	FALSE
-0,035	0,312	-0,001	0,009	0,039	FALSE
-0,032	0,314	-0,001	0,009	0,029	FALSE
-0,068	0,302	-0,003	0,010	0,128	FALSE
-0,080	0,300	-0,002	0,008	0,106	FALSE
0,024	0,317	0,000	0,008	0,003	FALSE
0,147	0,311	0,005	0,011	0,204	FALSE
-0,136	0,285	-0,004	0,007	0,229	FALSE
-0,011	0,309	0,000	0,007	0,013	FALSE
-0,055	0,309	-0,001	0,006	0,070	FALSE
-0,043	0,326	-0,002	0,010	0,063	FALSE
0,103	0,302	0,004	0,011	0,144	FALSE
-0,187	0,311	-0,005	0,008	0,276	FALSE
0,211	0,302	0,006	0,008	0,302	FALSE
0,152	0,310	0,003	0,007	0,181	FALSE
0,230	0,297	0,006	0,009	0,312	FALSE
0,226	0,284	0,006	0,008	0,340	FALSE
-0,032	0,307	-0,001	0,009	0,051	FALSE
-0,092	0,307	-0,002	0,008	0,107	FALSE
-0,081	0,297	-0,002	0,008	0,100	FALSE
-0,108	0,305	-0,003	0,007	0,152	FALSE
0,099	0,305	0,005	0,012	0,153	FALSE
0,007	0,313	0,000	0,007	0,002	FALSE
0,016	0,307	0,000	0,007	0,019	FALSE
0,023	0,310	0,001	0,008	0,028	FALSE
0,047	0,314	0,002	0,012	0,056	FALSE
0,029	0,315	0,001	0,012	0,042	FALSE
-0,108	0,312	-0,004	0,010	0,156	FALSE
0,223	0,311	0,008	0,011	0,325	FALSE
0,218	0,307	0,008	0,011	0,307	FALSE
-0,029	0,313	-0,002	0,011	0,049	FALSE
-0,125	0,313	-0,005	0,013	0,139	FALSE
-0,091	0,296	-0,003	0,011	0,093	FALSE
-0,054	0,310	-0,002	0,011	0,061	FALSE
-0,084	0,306	-0,003	0,011	0,103	FALSE
-0,100	0,308	-0,003	0,011	0,121	FALSE
-0,029	0,309	-0,001	0,012	0,038	FALSE
-0,003	0,309	0,000	0,008	0,016	FALSE
-0,030	0,309	0,000	0,006	0,028	FALSE
0,018	0,313	0,000	0,007	0,010	FALSE
0,038	0,303	0,001	0,007	0,029	FALSE
-0,015	0,321	0,000	0,007	0,006	FALSE
-0,029	0,310	0,000	0,007	0,012	FALSE
0,062	0,305	0,003	0,012	0,084	FALSE
0,082	0,314	0,002	0,007	0,124	FALSE
0,020	0,302	0,000	0,009	0,017	FALSE

0,002	0,318	0,000	0,009	0,003	FALSE
0,002	0,321	0,000	0,009	0,006	FALSE
-0,005	0,309	0,000	0,008	0,016	FALSE
-0,022	0,319	-0,001	0,009	0,044	FALSE
-0,015	0,304	-0,001	0,009	0,026	FALSE
-0,037	0,305	-0,001	0,009	0,053	FALSE
0,015	0,312	0,001	0,009	0,044	FALSE
0,130	0,316	0,004	0,010	0,156	FALSE
-0,052	0,300	-0,001	0,008	0,039	FALSE
-0,042	0,313	-0,002	0,012	0,074	FALSE
0,044	0,305	0,002	0,010	0,074	FALSE
-0,010	0,306	0,000	0,007	0,022	FALSE
-0,041	0,303	0,000	0,006	0,027	FALSE
-0,094	0,308	-0,003	0,010	0,124	FALSE
-0,101	0,298	-0,003	0,008	0,152	FALSE
0,071	0,303	0,002	0,008	0,106	FALSE
0,064	0,312	0,002	0,012	0,060	FALSE
0,051	0,307	0,002	0,007	0,083	FALSE
0,062	0,303	0,001	0,008	0,069	FALSE
0,082	0,306	0,002	0,007	0,130	FALSE
0,094	0,298	0,005	0,012	0,177	FALSE
0,112	0,316	0,004	0,009	0,170	FALSE
0,038	0,305	0,002	0,009	0,069	FALSE
0,033	0,331	0,001	0,007	0,052	FALSE
0,027	0,318	0,001	0,008	0,026	FALSE
-0,044	0,310	-0,001	0,008	0,068	FALSE
0,044	0,310	0,001	0,008	0,063	FALSE
0,017	0,304	0,000	0,008	0,007	FALSE
0,010	0,312	0,000	0,013	0,008	FALSE
-0,005	0,302	-0,001	0,013	0,032	FALSE
-0,069	0,308	-0,002	0,007	0,082	FALSE
-0,074	0,305	-0,002	0,007	0,087	FALSE
0,122	0,301	0,002	0,008	0,123	FALSE
-0,148	0,316	-0,005	0,009	0,236	FALSE
0,045	0,316	0,002	0,006	0,096	FALSE
-0,039	0,296	-0,002	0,012	0,068	FALSE
-0,033	0,306	0,000	0,007	0,026	FALSE
0,049	0,315	0,001	0,008	0,065	FALSE
0,011	0,307	0,000	0,007	0,022	FALSE
0,031	0,295	0,001	0,012	0,040	FALSE
-0,035	0,297	-0,001	0,007	0,028	FALSE
0,019	0,293	0,001	0,008	0,036	FALSE
0,100	0,317	0,003	0,008	0,124	FALSE
-0,110	0,295	-0,005	0,012	0,162	FALSE
0,004	0,289	0,000	0,011	0,001	FALSE
0,053	0,316	0,002	0,011	0,062	FALSE
0,018	0,313	0,000	0,012	0,003	FALSE
0,021	0,304	0,001	0,008	0,036	FALSE
0,124	0,299	0,002	0,006	0,159	FALSE
-0,007	0,301	-0,001	0,012	0,044	FALSE
-0,151	0,316	-0,006	0,011	0,222	FALSE
0,196	0,303	0,006	0,009	0,304	FALSE
0,027	0,307	0,000	0,009	0,003	FALSE

0,101	0,315	0,003	0,008	0,167	FALSE
0,030	0,307	0,001	0,007	0,043	FALSE
-0,029	0,300	-0,001	0,009	0,052	FALSE
-0,044	0,316	-0,002	0,012	0,046	FALSE
0,002	0,314	0,000	0,013	0,009	FALSE
0,048	0,295	0,001	0,007	0,038	FALSE
-0,059	0,305	-0,002	0,010	0,095	FALSE
-0,094	0,318	-0,004	0,011	0,148	FALSE
-0,027	0,310	-0,001	0,013	0,018	FALSE
-0,008	0,314	0,000	0,013	0,008	FALSE
0,098	0,314	0,004	0,012	0,131	FALSE
0,175	0,306	0,005	0,010	0,201	FALSE
0,003	0,313	0,001	0,010	0,024	FALSE
-0,014	0,298	0,000	0,010	0,005	FALSE
0,020	0,320	0,001	0,008	0,041	FALSE
0,060	0,316	0,002	0,010	0,060	FALSE
0,012	0,306	0,001	0,008	0,031	FALSE
0,072	0,291	0,003	0,009	0,155	FALSE
-0,077	0,317	-0,002	0,008	0,084	FALSE
0,044	0,320	0,001	0,012	0,034	FALSE
-0,027	0,293	-0,001	0,006	0,052	FALSE
0,024	0,308	0,000	0,007	0,019	FALSE
0,080	0,305	0,004	0,012	0,123	FALSE
-0,033	0,315	-0,001	0,008	0,035	FALSE
-0,092	0,304	-0,003	0,013	0,093	FALSE
0,190	0,304	0,006	0,011	0,231	FALSE
0,098	0,309	0,003	0,010	0,138	FALSE
-0,035	0,305	-0,001	0,007	0,040	FALSE
-0,053	0,292	-0,002	0,007	0,110	FALSE
0,000	0,309	-0,001	0,007	0,025	FALSE
0,002	0,325	0,000	0,013	0,008	FALSE
0,079	0,311	0,003	0,013	0,091	FALSE
0,048	0,311	0,001	0,010	0,048	FALSE
-0,017	0,284	0,000	0,012	0,008	FALSE
-0,162	0,300	-0,005	0,009	0,233	FALSE
0,024	0,310	0,001	0,011	0,023	FALSE
-0,103	0,302	-0,002	0,007	0,124	FALSE
0,000	0,305	0,000	0,006	0,005	FALSE
-0,093	0,298	-0,005	0,013	0,171	FALSE
-0,049	0,300	-0,001	0,008	0,058	FALSE
-0,043	0,303	-0,001	0,008	0,051	FALSE
-0,032	0,295	-0,001	0,008	0,048	FALSE
0,047	0,303	0,001	0,011	0,047	FALSE
-0,039	0,302	-0,001	0,008	0,044	FALSE
0,032	0,307	0,002	0,010	0,057	FALSE
0,051	0,299	0,002	0,010	0,074	FALSE
0,032	0,312	0,001	0,010	0,046	FALSE
-0,008	0,327	-0,001	0,012	0,035	FALSE
0,094	0,330	0,003	0,008	0,125	FALSE
-0,011	0,311	0,000	0,006	0,000	FALSE
-0,100	0,301	-0,003	0,011	0,115	FALSE
-0,042	0,294	-0,001	0,007	0,049	FALSE
-0,023	0,293	-0,001	0,012	0,022	FALSE

-0,027	0,288	-0,001	0,008	0,033	FALSE
0,130	0,306	0,006	0,013	0,189	FALSE
0,033	0,318	0,001	0,008	0,040	FALSE
0,003	0,301	0,000	0,013	0,007	FALSE
0,018	0,297	0,001	0,007	0,057	FALSE
-0,035	0,313	-0,001	0,008	0,041	FALSE
-0,072	0,299	-0,002	0,008	0,083	FALSE
0,095	0,308	0,002	0,007	0,127	FALSE
-0,242	0,290	-0,010	0,013	0,383	FALSE
-0,187	0,290	-0,008	0,013	0,270	FALSE
-0,131	0,302	-0,003	0,007	0,144	FALSE
0,215	0,297	0,009	0,013	0,319	FALSE
-0,079	0,312	-0,002	0,010	0,091	FALSE
0,084	0,301	0,002	0,009	0,102	FALSE
-0,022	0,310	-0,001	0,009	0,052	FALSE
-0,124	0,310	-0,004	0,009	0,173	FALSE
0,009	0,316	0,000	0,006	0,024	FALSE
0,080	0,311	0,002	0,010	0,084	FALSE
-0,030	0,303	-0,002	0,011	0,057	FALSE
-0,058	0,326	-0,003	0,012	0,083	FALSE
0,039	0,300	0,000	0,008	0,018	FALSE
0,120	0,303	0,003	0,009	0,155	FALSE
0,115	0,322	0,003	0,009	0,155	FALSE
-0,054	0,301	-0,002	0,009	0,071	FALSE
-0,053	0,302	-0,002	0,009	0,075	FALSE
-0,024	0,306	-0,001	0,009	0,047	FALSE
0,164	0,310	0,006	0,010	0,243	FALSE
-0,082	0,304	-0,001	0,008	0,066	FALSE
0,005	0,306	0,001	0,008	0,039	FALSE
-0,035	0,306	0,000	0,009	0,017	FALSE
-0,179	0,302	-0,007	0,012	0,271	FALSE
-0,057	0,313	-0,001	0,007	0,067	FALSE
0,001	0,304	0,000	0,010	0,008	FALSE
-0,023	0,323	-0,001	0,007	0,027	FALSE
0,068	0,300	0,003	0,010	0,099	FALSE
0,116	0,303	0,002	0,007	0,106	FALSE
0,089	0,297	0,005	0,012	0,153	FALSE
0,093	0,303	0,003	0,010	0,111	FALSE
-0,041	0,317	-0,002	0,012	0,057	FALSE
0,002	0,316	0,000	0,011	0,015	FALSE
0,036	0,304	0,001	0,008	0,062	FALSE
-0,021	0,316	0,000	0,007	0,006	FALSE
0,011	0,313	0,001	0,010	0,026	FALSE
-0,044	0,315	-0,001	0,008	0,038	FALSE
0,052	0,307	0,002	0,012	0,052	FALSE
-0,071	0,316	-0,003	0,013	0,091	FALSE
0,072	0,311	0,003	0,013	0,083	FALSE
-0,031	0,306	-0,001	0,011	0,035	FALSE
-0,118	0,305	-0,002	0,006	0,127	FALSE
-0,178	0,292	-0,009	0,012	0,320	FALSE
0,028	0,316	0,001	0,007	0,063	FALSE
0,040	0,290	0,002	0,010	0,071	FALSE
-0,025	0,325	-0,001	0,009	0,025	FALSE

-0,040	0,298	0,000	0,008	0,011	FALSE
0,194	0,281	0,009	0,011	0,365	FALSE
-0,004	0,322	0,000	0,008	0,005	FALSE
0,060	0,304	0,002	0,009	0,073	FALSE
0,140	0,296	0,005	0,011	0,188	FALSE
-0,074	0,307	-0,001	0,007	0,075	FALSE
0,059	0,296	0,002	0,012	0,066	FALSE
0,025	0,298	0,001	0,007	0,030	FALSE
-0,116	0,307	-0,005	0,010	0,185	FALSE
-0,023	0,296	-0,001	0,012	0,033	FALSE
-0,023	0,312	0,000	0,010	0,012	FALSE
-0,018	0,315	-0,001	0,010	0,023	FALSE
0,028	0,303	0,001	0,007	0,027	FALSE
0,025	0,296	0,000	0,008	0,001	FALSE
-0,070	0,312	-0,002	0,006	0,106	FALSE
0,074	0,305	0,002	0,008	0,092	FALSE
0,071	0,299	0,002	0,008	0,074	FALSE
-0,069	0,304	-0,003	0,012	0,106	FALSE
0,083	0,306	0,004	0,013	0,123	FALSE
0,056	0,314	0,003	0,012	0,081	FALSE
-0,063	0,312	-0,001	0,007	0,073	FALSE
0,066	0,312	0,002	0,008	0,084	FALSE
0,097	0,310	0,002	0,008	0,117	FALSE
0,037	0,309	0,002	0,012	0,075	FALSE
-0,044	0,309	-0,002	0,010	0,081	FALSE
-0,077	0,319	-0,002	0,010	0,094	FALSE
-0,091	0,301	-0,003	0,009	0,131	FALSE
-0,049	0,308	-0,001	0,009	0,048	FALSE
-0,060	0,306	-0,001	0,009	0,052	FALSE
-0,085	0,298	-0,003	0,009	0,118	FALSE
0,027	0,304	0,000	0,012	0,011	FALSE
0,137	0,296	0,005	0,009	0,206	FALSE
-0,057	0,295	-0,001	0,007	0,070	FALSE
0,020	0,306	0,000	0,010	0,000	FALSE
-0,053	0,304	-0,001	0,009	0,051	FALSE
0,128	0,318	0,003	0,007	0,155	FALSE
-0,018	0,308	0,000	0,007	0,025	FALSE
0,005	0,306	0,000	0,008	0,016	FALSE
0,012	0,314	0,001	0,008	0,033	FALSE
-0,083	0,308	-0,003	0,010	0,101	FALSE
0,098	0,298	0,003	0,007	0,162	FALSE
-0,017	0,295	0,000	0,006	0,016	FALSE
0,064	0,329	0,002	0,010	0,066	FALSE
0,055	0,306	0,002	0,008	0,076	FALSE
0,057	0,297	0,002	0,007	0,089	FALSE
0,025	0,309	0,001	0,010	0,038	FALSE
0,052	0,319	0,003	0,011	0,087	FALSE
-0,013	0,298	0,000	0,008	0,011	FALSE
-0,081	0,303	-0,002	0,010	0,095	FALSE
-0,114	0,302	-0,003	0,008	0,138	FALSE
0,049	0,303	0,001	0,008	0,049	FALSE
-0,044	0,313	-0,001	0,008	0,063	FALSE
-0,119	0,301	-0,003	0,008	0,140	FALSE

-0,130	0,305	-0,003	0,008	0,178	FALSE
0,000	0,307	0,001	0,012	0,028	FALSE
0,045	0,302	0,002	0,009	0,091	FALSE
0,051	0,302	0,002	0,009	0,087	FALSE
0,081	0,309	0,002	0,009	0,093	FALSE
0,072	0,302	0,002	0,008	0,084	FALSE
0,077	0,319	0,002	0,009	0,092	FALSE
-0,038	0,316	-0,001	0,012	0,036	FALSE
0,082	0,312	0,002	0,007	0,137	FALSE
0,022	0,307	0,000	0,009	0,017	FALSE
0,060	0,313	0,002	0,008	0,077	FALSE
0,058	0,294	0,002	0,006	0,101	FALSE
0,083	0,307	0,004	0,013	0,125	FALSE
-0,118	0,319	-0,002	0,007	0,131	FALSE
0,005	0,312	0,000	0,010	0,015	FALSE
0,038	0,304	0,001	0,011	0,051	FALSE
0,047	0,308	0,002	0,010	0,073	FALSE
-0,013	0,311	-0,001	0,006	0,040	FALSE
-0,042	0,298	-0,001	0,012	0,019	FALSE
0,013	0,287	0,001	0,012	0,030	FALSE
-0,009	0,307	0,001	0,012	0,020	FALSE
-0,050	0,286	-0,001	0,011	0,019	FALSE
0,057	0,303	0,002	0,013	0,047	FALSE
-0,032	0,300	0,000	0,007	0,015	FALSE
0,110	0,312	0,003	0,008	0,138	FALSE
0,063	0,292	0,001	0,006	0,074	FALSE
-0,090	0,313	-0,003	0,011	0,093	FALSE
-0,099	0,308	-0,004	0,010	0,146	FALSE
0,011	0,305	0,000	0,007	0,005	FALSE
0,057	0,315	0,001	0,006	0,064	FALSE
-0,062	0,288	-0,003	0,012	0,081	FALSE
-0,025	0,312	0,000	0,006	0,003	FALSE
-0,075	0,314	-0,004	0,012	0,119	FALSE
0,043	0,298	0,002	0,013	0,058	FALSE
-0,029	0,306	0,000	0,006	0,001	FALSE
0,058	0,296	0,003	0,011	0,089	FALSE
-0,082	0,289	-0,001	0,007	0,072	FALSE
-0,058	0,307	-0,001	0,007	0,058	FALSE
-0,081	0,314	-0,002	0,008	0,113	FALSE
-0,101	0,318	-0,003	0,008	0,152	FALSE
-0,109	0,319	-0,002	0,007	0,131	FALSE
-0,201	0,289	-0,007	0,009	0,326	FALSE
-0,177	0,293	-0,006	0,009	0,280	FALSE
0,108	0,294	0,004	0,011	0,149	FALSE
0,070	0,301	0,001	0,006	0,090	FALSE
0,105	0,308	0,004	0,012	0,155	FALSE
-0,023	0,297	-0,001	0,010	0,034	FALSE
0,177	0,295	0,006	0,010	0,269	FALSE
0,057	0,305	0,001	0,008	0,069	FALSE
0,013	0,313	0,000	0,012	0,000	FALSE
-0,003	0,313	-0,001	0,008	0,036	FALSE
-0,102	0,306	-0,004	0,011	0,161	FALSE
-0,073	0,307	-0,002	0,009	0,083	FALSE

0,005	0,310	0,000	0,007	0,009	FALSE
0,043	0,307	0,001	0,009	0,033	FALSE
0,183	0,306	0,008	0,013	0,255	FALSE
0,005	0,304	0,000	0,009	0,010	FALSE
-0,116	0,296	-0,003	0,009	0,144	FALSE
-0,029	0,302	-0,001	0,010	0,038	FALSE
-0,038	0,314	-0,002	0,010	0,081	FALSE
-0,124	0,316	-0,005	0,012	0,163	FALSE
-0,089	0,309	-0,002	0,009	0,089	FALSE
-0,160	0,307	-0,004	0,008	0,216	FALSE
0,007	0,302	0,000	0,009	0,003	FALSE
-0,011	0,302	0,000	0,009	0,011	FALSE
0,008	0,296	0,000	0,006	0,022	FALSE
0,002	0,305	0,000	0,007	0,011	FALSE
-0,107	0,310	-0,003	0,009	0,131	FALSE
0,124	0,300	0,003	0,008	0,169	FALSE
0,002	0,322	0,000	0,010	0,008	FALSE
-0,010	0,309	0,000	0,008	0,006	FALSE
0,023	0,303	0,001	0,009	0,033	FALSE
0,068	0,321	0,003	0,012	0,095	FALSE
0,047	0,313	0,001	0,007	0,061	FALSE
0,006	0,301	0,000	0,011	0,006	FALSE
0,018	0,324	0,000	0,010	0,010	FALSE
-0,081	0,304	-0,003	0,008	0,137	FALSE
0,033	0,299	0,001	0,007	0,071	FALSE
0,007	0,304	0,000	0,012	0,009	FALSE
0,075	0,323	0,002	0,007	0,106	FALSE
0,026	0,311	0,000	0,007	0,023	FALSE
-0,090	0,304	-0,004	0,012	0,129	FALSE
-0,079	0,308	-0,002	0,009	0,096	FALSE
-0,081	0,307	-0,002	0,009	0,092	FALSE
0,041	0,290	0,001	0,008	0,068	FALSE
0,038	0,302	0,001	0,007	0,066	FALSE
0,014	0,306	0,001	0,009	0,037	FALSE
0,063	0,304	0,002	0,010	0,066	FALSE
-0,011	0,293	-0,001	0,009	0,038	FALSE
-0,006	0,309	-0,001	0,010	0,028	FALSE
0,008	0,304	0,000	0,008	0,002	FALSE
-0,039	0,307	-0,001	0,008	0,053	FALSE
0,020	0,311	0,001	0,007	0,043	FALSE
-0,043	0,313	-0,001	0,009	0,034	FALSE
-0,012	0,319	0,000	0,007	0,021	FALSE
0,055	0,302	0,002	0,011	0,078	FALSE
-0,007	0,304	0,000	0,009	0,013	FALSE
-0,008	0,312	-0,001	0,009	0,020	FALSE
-0,055	0,313	-0,003	0,011	0,092	FALSE
0,003	0,305	-0,001	0,012	0,026	FALSE
0,136	0,307	0,002	0,006	0,147	FALSE
-0,122	0,291	-0,004	0,009	0,152	FALSE
0,108	0,316	0,005	0,013	0,163	FALSE
-0,143	0,295	-0,004	0,009	0,189	FALSE
-0,031	0,304	0,000	0,011	0,011	FALSE
0,049	0,299	0,002	0,011	0,086	FALSE

0,096	0,296	0,003	0,009	0,153	FALSE
0,035	0,312	0,002	0,013	0,044	FALSE
0,073	0,305	0,003	0,012	0,100	FALSE
0,077	0,315	0,003	0,013	0,098	FALSE
0,051	0,303	0,003	0,012	0,080	FALSE
0,040	0,309	0,002	0,012	0,067	FALSE
0,025	0,311	0,000	0,010	0,016	FALSE
-0,011	0,301	-0,001	0,013	0,025	FALSE
-0,007	0,315	-0,001	0,010	0,029	FALSE
-0,005	0,303	0,000	0,007	0,001	FALSE
-0,020	0,294	0,000	0,008	0,023	FALSE
0,092	0,302	0,004	0,012	0,128	FALSE
-0,034	0,296	-0,001	0,008	0,038	FALSE
0,054	0,304	0,004	0,013	0,111	FALSE
-0,120	0,300	-0,005	0,011	0,179	FALSE
-0,052	0,314	-0,001	0,008	0,066	FALSE
0,001	0,309	0,001	0,012	0,023	FALSE
0,070	0,297	0,002	0,006	0,111	FALSE
-0,074	0,295	-0,002	0,010	0,090	FALSE
0,015	0,299	0,001	0,009	0,027	FALSE
-0,025	0,311	-0,001	0,012	0,045	FALSE
-0,103	0,310	-0,004	0,009	0,171	FALSE
0,010	0,301	0,000	0,012	0,010	FALSE
-0,110	0,315	-0,004	0,009	0,170	FALSE
-0,120	0,297	-0,005	0,009	0,208	FALSE
-0,117	0,319	-0,004	0,009	0,190	FALSE
0,207	0,300	0,008	0,012	0,289	FALSE
-0,038	0,305	-0,001	0,009	0,041	FALSE
-0,036	0,310	-0,001	0,007	0,057	FALSE
-0,014	0,299	0,000	0,008	0,005	FALSE
-0,016	0,302	0,000	0,007	0,025	FALSE
0,001	0,315	-0,001	0,007	0,028	FALSE
0,015	0,322	0,001	0,007	0,033	FALSE
0,095	0,299	0,003	0,012	0,102	FALSE
-0,003	0,296	0,001	0,010	0,031	FALSE
-0,046	0,307	-0,002	0,013	0,046	FALSE
0,074	0,302	0,001	0,007	0,071	FALSE
-0,051	0,313	-0,002	0,009	0,075	FALSE
0,135	0,300	0,004	0,010	0,151	FALSE
0,067	0,299	0,002	0,007	0,092	FALSE
0,084	0,325	0,003	0,008	0,126	FALSE
0,030	0,314	0,001	0,013	0,036	FALSE
-0,013	0,316	0,000	0,010	0,014	FALSE
0,092	0,307	0,002	0,007	0,115	FALSE
0,082	0,300	0,001	0,007	0,076	FALSE
0,039	0,311	0,001	0,006	0,080	FALSE
-0,072	0,312	-0,002	0,007	0,088	FALSE
0,096	0,301	0,004	0,012	0,121	FALSE
-0,010	0,297	0,000	0,006	0,017	FALSE
-0,070	0,301	-0,002	0,007	0,079	FALSE
0,008	0,306	0,001	0,009	0,020	FALSE
-0,028	0,308	0,000	0,007	0,025	FALSE
0,023	0,315	0,001	0,007	0,037	FALSE

0,047	0,318	0,002	0,012	0,052	FALSE
0,039	0,300	0,000	0,009	0,013	FALSE
-0,065	0,302	-0,003	0,009	0,111	FALSE
-0,026	0,311	0,000	0,008	0,005	FALSE
-0,020	0,299	-0,001	0,009	0,027	FALSE
-0,092	0,318	-0,002	0,008	0,094	FALSE
0,129	0,306	0,005	0,010	0,187	FALSE
0,122	0,311	0,005	0,011	0,170	FALSE
0,141	0,308	0,005	0,010	0,206	FALSE
0,142	0,314	0,005	0,010	0,211	FALSE
-0,011	0,311	0,000	0,006	0,006	FALSE
-0,012	0,304	0,000	0,011	0,002	FALSE
-0,065	0,303	-0,004	0,012	0,130	FALSE
-0,029	0,317	0,000	0,010	0,016	FALSE
0,060	0,292	0,002	0,009	0,069	FALSE
0,034	0,312	0,001	0,010	0,052	FALSE
-0,068	0,289	-0,002	0,010	0,072	FALSE
-0,080	0,305	-0,002	0,009	0,074	FALSE
-0,044	0,314	-0,001	0,009	0,055	FALSE
0,168	0,303	0,004	0,008	0,241	FALSE
0,093	0,289	0,002	0,006	0,093	FALSE
0,025	0,315	0,000	0,013	0,011	FALSE
0,059	0,294	0,001	0,009	0,039	FALSE
-0,209	0,289	-0,008	0,012	0,319	FALSE
-0,216	0,296	-0,008	0,012	0,309	FALSE
-0,034	0,312	-0,001	0,007	0,075	FALSE
-0,074	0,317	-0,003	0,013	0,078	FALSE
0,029	0,299	0,001	0,012	0,025	FALSE
-0,070	0,306	-0,003	0,012	0,091	FALSE
-0,005	0,298	-0,001	0,008	0,023	FALSE
0,039	0,310	0,001	0,007	0,044	FALSE
0,037	0,291	0,001	0,009	0,064	FALSE
-0,027	0,294	0,000	0,010	0,001	FALSE
-0,031	0,326	-0,001	0,008	0,027	FALSE
0,063	0,306	0,002	0,007	0,080	FALSE
-0,007	0,303	-0,001	0,012	0,016	FALSE
-0,080	0,305	-0,003	0,011	0,104	FALSE
0,132	0,304	0,004	0,008	0,207	FALSE
-0,035	0,297	-0,001	0,010	0,038	FALSE
-0,064	0,310	-0,001	0,007	0,085	FALSE
0,044	0,314	0,002	0,011	0,071	FALSE
-0,128	0,320	-0,003	0,008	0,152	FALSE
0,058	0,305	0,002	0,010	0,066	FALSE
-0,057	0,316	-0,002	0,012	0,048	FALSE
0,143	0,305	0,005	0,011	0,190	FALSE
-0,098	0,302	-0,002	0,006	0,110	FALSE
-0,038	0,310	-0,002	0,013	0,052	FALSE
0,040	0,299	0,002	0,009	0,063	FALSE
-0,081	0,310	-0,003	0,010	0,108	FALSE
-0,092	0,296	-0,003	0,009	0,128	FALSE
0,001	0,293	0,000	0,009	0,003	FALSE
-0,073	0,301	-0,002	0,008	0,083	FALSE
0,039	0,300	0,001	0,006	0,052	FALSE

0,039	0,313	0,001	0,008	0,060	FALSE
0,007	0,311	0,000	0,011	0,007	FALSE
-0,051	0,309	-0,001	0,008	0,058	FALSE
0,131	0,305	0,004	0,008	0,203	FALSE
0,120	0,300	0,004	0,008	0,178	FALSE
-0,129	0,295	-0,004	0,008	0,195	FALSE
0,078	0,313	0,002	0,009	0,103	FALSE
-0,115	0,297	-0,005	0,012	0,164	FALSE
-0,083	0,301	-0,004	0,012	0,132	FALSE
0,112	0,307	0,004	0,011	0,168	FALSE
-0,043	0,311	-0,002	0,011	0,077	FALSE
-0,061	0,302	-0,002	0,009	0,062	FALSE
-0,145	0,299	-0,006	0,013	0,195	FALSE
-0,041	0,311	-0,001	0,010	0,032	FALSE
-0,054	0,315	-0,001	0,010	0,044	FALSE
-0,018	0,300	-0,001	0,013	0,028	FALSE
-0,056	0,307	-0,002	0,008	0,088	FALSE
-0,065	0,315	-0,002	0,008	0,095	FALSE
-0,083	0,308	-0,002	0,008	0,115	FALSE
0,009	0,312	0,000	0,012	0,009	FALSE
-0,062	0,303	-0,002	0,009	0,082	FALSE
0,147	0,298	0,002	0,006	0,169	FALSE
0,116	0,289	0,004	0,009	0,172	FALSE
-0,033	0,307	-0,001	0,011	0,032	FALSE
-0,122	0,308	-0,003	0,009	0,155	FALSE
-0,096	0,323	-0,002	0,009	0,104	FALSE
-0,035	0,309	-0,001	0,008	0,030	FALSE
0,020	0,307	0,000	0,006	0,022	FALSE
-0,112	0,308	-0,004	0,010	0,158	FALSE
0,076	0,300	0,002	0,010	0,084	FALSE
0,037	0,309	0,001	0,006	0,074	FALSE
-0,028	0,308	0,000	0,010	0,009	FALSE
-0,044	0,301	-0,002	0,013	0,054	FALSE
0,154	0,301	0,003	0,007	0,214	FALSE
0,066	0,308	0,002	0,009	0,085	FALSE
0,006	0,314	0,000	0,008	0,021	FALSE
0,072	0,306	0,002	0,011	0,075	FALSE
0,031	0,320	0,001	0,007	0,040	FALSE
-0,139	0,313	-0,004	0,008	0,210	FALSE
-0,027	0,320	-0,001	0,007	0,037	FALSE
0,033	0,302	0,001	0,008	0,066	FALSE
0,068	0,321	0,003	0,012	0,109	FALSE
-0,019	0,298	0,000	0,010	0,003	FALSE
-0,014	0,311	0,000	0,010	0,001	FALSE
-0,009	0,301	-0,001	0,013	0,031	FALSE
-0,040	0,305	-0,001	0,009	0,046	FALSE
-0,003	0,300	0,001	0,008	0,022	FALSE
-0,035	0,300	-0,002	0,012	0,062	FALSE
0,097	0,300	0,002	0,008	0,116	FALSE
0,038	0,298	0,001	0,010	0,038	FALSE
0,002	0,295	0,000	0,007	0,011	FALSE
-0,034	0,322	-0,001	0,007	0,034	FALSE
0,042	0,301	0,001	0,013	0,023	FALSE

-0,033	0,313	-0,001	0,006	0,034	FALSE
0,122	0,301	0,003	0,006	0,168	FALSE
0,141	0,295	0,005	0,011	0,189	FALSE
0,058	0,304	0,001	0,009	0,063	FALSE
-0,025	0,310	0,000	0,007	0,020	FALSE
-0,020	0,324	0,000	0,013	0,003	FALSE
-0,009	0,295	0,000	0,012	0,003	FALSE
-0,055	0,306	-0,002	0,012	0,052	FALSE
-0,080	0,307	-0,003	0,012	0,084	FALSE
-0,004	0,302	0,000	0,012	0,008	FALSE
-0,084	0,304	-0,002	0,007	0,113	FALSE
-0,012	0,315	-0,001	0,009	0,020	FALSE
0,054	0,312	0,002	0,012	0,058	FALSE
0,012	0,303	0,000	0,012	0,008	FALSE
0,009	0,316	0,000	0,007	0,000	FALSE
0,016	0,301	0,000	0,007	0,019	FALSE
0,055	0,289	0,001	0,007	0,070	FALSE
0,030	0,313	0,001	0,008	0,026	FALSE
-0,001	0,303	0,000	0,007	0,000	FALSE
0,020	0,321	0,000	0,008	0,014	FALSE
0,008	0,319	0,000	0,013	0,010	FALSE
0,080	0,306	0,002	0,011	0,078	FALSE
0,023	0,295	0,001	0,010	0,042	FALSE
0,075	0,313	0,004	0,013	0,121	FALSE
0,083	0,305	0,003	0,012	0,108	FALSE
-0,081	0,309	-0,003	0,010	0,113	FALSE
0,073	0,316	0,002	0,007	0,127	FALSE
-0,034	0,308	-0,002	0,012	0,060	FALSE
-0,061	0,315	-0,002	0,010	0,069	FALSE
-0,034	0,306	-0,001	0,011	0,048	FALSE
0,082	0,306	0,001	0,007	0,077	FALSE
-0,021	0,312	0,000	0,007	0,006	FALSE
0,003	0,297	0,000	0,011	0,012	FALSE
-0,016	0,305	0,000	0,008	0,022	FALSE
-0,101	0,304	-0,003	0,010	0,125	FALSE
0,083	0,304	0,002	0,007	0,117	FALSE
0,118	0,296	0,002	0,006	0,154	FALSE
-0,128	0,315	-0,005	0,012	0,184	FALSE
0,077	0,311	0,002	0,011	0,062	FALSE
-0,089	0,296	-0,002	0,009	0,095	FALSE
0,004	0,301	0,000	0,007	0,001	FALSE
-0,063	0,310	-0,001	0,009	0,062	FALSE
-0,092	0,300	-0,002	0,008	0,121	FALSE
0,083	0,304	0,002	0,009	0,104	FALSE
-0,027	0,308	-0,001	0,008	0,022	FALSE
-0,012	0,295	0,000	0,009	0,015	FALSE
0,080	0,311	0,002	0,007	0,121	FALSE
-0,084	0,309	-0,001	0,006	0,073	FALSE
-0,032	0,305	-0,001	0,011	0,043	FALSE
0,027	0,314	0,001	0,008	0,027	FALSE
-0,051	0,310	-0,003	0,013	0,077	FALSE
0,104	0,306	0,003	0,009	0,113	FALSE
-0,080	0,297	-0,001	0,006	0,064	FALSE

0,036	0,314	0,001	0,007	0,048	FALSE
0,091	0,307	0,003	0,009	0,112	FALSE
0,063	0,307	0,002	0,010	0,061	FALSE
-0,022	0,312	-0,001	0,010	0,026	FALSE
-0,002	0,304	0,000	0,009	0,007	FALSE
-0,010	0,313	0,000	0,007	0,007	FALSE
0,056	0,315	0,002	0,009	0,067	FALSE
-0,009	0,308	0,000	0,006	0,005	FALSE
-0,014	0,299	-0,001	0,008	0,042	FALSE
0,050	0,290	0,001	0,008	0,064	FALSE
-0,021	0,292	0,000	0,008	0,007	FALSE
0,109	0,301	0,003	0,010	0,115	FALSE
-0,075	0,307	-0,002	0,007	0,089	FALSE
0,153	0,308	0,005	0,011	0,195	FALSE
0,148	0,307	0,006	0,012	0,197	FALSE
-0,038	0,302	-0,001	0,011	0,047	FALSE
-0,062	0,305	-0,004	0,013	0,102	FALSE
0,064	0,302	0,002	0,013	0,058	FALSE
0,042	0,301	0,001	0,007	0,068	FALSE
0,097	0,306	0,004	0,011	0,131	FALSE
0,110	0,304	0,005	0,012	0,160	FALSE
-0,084	0,317	-0,003	0,013	0,099	FALSE
-0,097	0,305	-0,004	0,012	0,139	FALSE
-0,006	0,285	-0,001	0,009	0,040	FALSE
-0,088	0,295	-0,004	0,010	0,163	FALSE
-0,077	0,286	-0,003	0,010	0,108	FALSE
0,019	0,314	0,001	0,012	0,018	FALSE
0,054	0,312	0,002	0,012	0,073	FALSE
-0,036	0,328	-0,001	0,010	0,038	FALSE
-0,062	0,306	-0,001	0,007	0,078	FALSE
0,004	0,287	0,000	0,008	0,000	FALSE
-0,007	0,308	0,000	0,008	0,011	FALSE
0,089	0,305	0,004	0,012	0,121	FALSE
-0,076	0,297	-0,001	0,009	0,058	FALSE
-0,106	0,300	-0,003	0,008	0,130	FALSE
-0,045	0,306	-0,001	0,011	0,048	FALSE
0,103	0,308	0,002	0,007	0,132	FALSE
0,084	0,301	0,002	0,007	0,114	FALSE
-0,043	0,295	-0,001	0,010	0,022	FALSE
-0,031	0,299	0,000	0,009	0,012	FALSE
-0,019	0,313	-0,001	0,010	0,035	FALSE
0,083	0,304	0,002	0,008	0,084	FALSE
0,038	0,305	0,001	0,013	0,031	FALSE
0,110	0,303	0,003	0,008	0,181	FALSE
0,113	0,310	0,004	0,013	0,107	FALSE
-0,129	0,304	-0,003	0,008	0,155	FALSE
0,115	0,300	0,004	0,012	0,146	FALSE
-0,093	0,300	-0,002	0,008	0,090	FALSE
-0,051	0,317	-0,001	0,011	0,047	FALSE
0,008	0,310	0,000	0,008	0,001	FALSE
0,033	0,296	0,002	0,012	0,061	FALSE
-0,090	0,312	-0,002	0,007	0,113	FALSE
-0,096	0,315	-0,004	0,012	0,129	FALSE

0,056	0,303	0,001	0,008	0,050	FALSE
0,052	0,311	0,003	0,012	0,090	FALSE
-0,123	0,298	-0,004	0,008	0,193	FALSE
-0,088	0,325	-0,003	0,010	0,119	FALSE
0,002	0,317	0,000	0,010	0,016	FALSE
0,041	0,297	0,001	0,007	0,054	FALSE
-0,013	0,299	-0,001	0,012	0,038	FALSE
-0,063	0,308	-0,002	0,008	0,098	FALSE
0,170	0,288	0,004	0,007	0,233	FALSE
0,003	0,320	0,000	0,008	0,001	FALSE
0,200	0,306	0,005	0,008	0,291	FALSE
0,132	0,295	0,004	0,007	0,216	FALSE
-0,002	0,303	0,000	0,010	0,014	FALSE
-0,047	0,301	-0,001	0,007	0,056	FALSE
0,020	0,305	0,001	0,012	0,018	FALSE
-0,189	0,292	-0,004	0,007	0,265	FALSE
-0,156	0,304	-0,006	0,013	0,211	FALSE
0,032	0,307	0,001	0,007	0,051	FALSE
0,065	0,290	0,001	0,007	0,058	FALSE
0,067	0,314	0,002	0,012	0,081	FALSE
0,050	0,303	0,001	0,007	0,073	FALSE
-0,021	0,314	-0,001	0,012	0,027	FALSE
0,021	0,301	0,000	0,007	0,019	FALSE
0,066	0,305	0,002	0,008	0,104	FALSE
0,141	0,306	0,007	0,013	0,219	FALSE
-0,039	0,313	-0,001	0,008	0,044	FALSE
0,077	0,311	0,003	0,010	0,125	FALSE
-0,005	0,307	0,000	0,009	0,015	FALSE
-0,118	0,297	-0,003	0,007	0,163	FALSE
-0,145	0,296	-0,006	0,012	0,216	FALSE
-0,129	0,315	-0,006	0,013	0,183	FALSE
-0,147	0,305	-0,006	0,011	0,231	FALSE
0,109	0,316	0,003	0,009	0,122	FALSE
-0,020	0,301	-0,001	0,007	0,028	FALSE
0,033	0,318	0,001	0,006	0,084	FALSE
0,004	0,316	0,000	0,007	0,013	FALSE
0,079	0,301	0,002	0,010	0,090	FALSE
-0,123	0,301	-0,003	0,008	0,160	FALSE
-0,158	0,306	-0,004	0,007	0,242	FALSE
-0,036	0,317	-0,001	0,007	0,034	FALSE
-0,012	0,317	0,000	0,008	0,010	FALSE
-0,018	0,293	0,000	0,007	0,018	FALSE
-0,021	0,319	0,000	0,008	0,022	FALSE
-0,073	0,304	-0,001	0,008	0,067	FALSE
0,059	0,305	0,001	0,011	0,049	FALSE
-0,093	0,302	-0,004	0,010	0,143	FALSE
-0,137	0,292	-0,003	0,008	0,164	FALSE
0,064	0,302	0,001	0,009	0,029	FALSE
-0,010	0,303	0,000	0,009	0,008	FALSE
0,038	0,310	0,002	0,012	0,068	FALSE
0,104	0,306	0,003	0,007	0,164	FALSE
0,083	0,304	0,002	0,007	0,119	FALSE
0,038	0,310	0,003	0,012	0,079	FALSE

0,004	0,299	0,000	0,007	0,013	FALSE
0,040	0,318	0,001	0,008	0,035	FALSE
0,001	0,313	-0,001	0,007	0,031	FALSE
-0,028	0,311	-0,001	0,007	0,031	FALSE
-0,050	0,314	-0,002	0,012	0,071	FALSE
-0,075	0,300	-0,002	0,009	0,094	FALSE
-0,019	0,302	0,000	0,012	0,005	FALSE
-0,015	0,305	-0,001	0,007	0,039	FALSE
-0,047	0,322	-0,001	0,009	0,053	FALSE
-0,009	0,300	0,000	0,013	0,001	FALSE
-0,058	0,309	-0,002	0,012	0,064	FALSE
-0,001	0,311	0,000	0,013	0,004	FALSE
0,006	0,321	0,000	0,013	0,012	FALSE
-0,006	0,302	0,000	0,009	0,012	FALSE
-0,018	0,307	-0,001	0,010	0,031	FALSE
-0,043	0,315	-0,001	0,012	0,023	FALSE
-0,058	0,296	-0,003	0,010	0,099	FALSE
-0,068	0,302	-0,001	0,010	0,049	FALSE
0,188	0,304	0,004	0,006	0,256	FALSE
-0,097	0,300	-0,004	0,010	0,145	FALSE
-0,054	0,318	-0,002	0,013	0,062	FALSE
0,039	0,316	0,001	0,007	0,041	FALSE
0,012	0,300	0,000	0,007	0,010	FALSE
-0,055	0,321	-0,001	0,008	0,062	FALSE
0,118	0,321	0,005	0,012	0,169	FALSE
-0,042	0,313	-0,002	0,011	0,066	FALSE
0,031	0,296	0,001	0,008	0,061	FALSE
0,052	0,295	0,001	0,007	0,029	FALSE
0,065	0,307	0,003	0,012	0,097	FALSE
-0,041	0,322	-0,002	0,011	0,064	FALSE
-0,034	0,306	-0,002	0,011	0,071	FALSE
-0,137	0,302	-0,004	0,009	0,195	FALSE
0,066	0,287	0,003	0,009	0,141	FALSE
0,109	0,300	0,003	0,009	0,126	FALSE
0,054	0,301	0,002	0,007	0,114	FALSE
0,074	0,305	0,002	0,008	0,074	FALSE
-0,139	0,314	-0,004	0,009	0,167	FALSE
0,153	0,310	0,005	0,010	0,197	FALSE
0,031	0,303	0,001	0,009	0,027	FALSE
0,091	0,306	0,003	0,009	0,120	FALSE
0,049	0,298	0,001	0,008	0,054	FALSE
-0,007	0,304	0,000	0,008	0,001	FALSE
0,011	0,311	0,000	0,007	0,005	FALSE
-0,102	0,304	-0,002	0,007	0,139	FALSE
0,095	0,311	0,004	0,013	0,121	FALSE
0,032	0,309	0,001	0,007	0,027	FALSE
-0,042	0,309	-0,001	0,009	0,029	FALSE
-0,148	0,306	-0,006	0,013	0,196	FALSE
-0,074	0,307	-0,004	0,013	0,108	FALSE
0,049	0,300	0,002	0,010	0,078	FALSE
0,107	0,297	0,003	0,007	0,140	FALSE
0,102	0,301	0,004	0,008	0,194	FALSE
0,093	0,317	0,005	0,012	0,156	FALSE

0,014	0,306	0,000	0,010	0,013	FALSE
0,155	0,307	0,004	0,008	0,225	FALSE
-0,036	0,288	-0,002	0,009	0,074	FALSE
-0,005	0,298	0,000	0,007	0,011	FALSE
-0,046	0,314	-0,002	0,011	0,054	FALSE
0,054	0,295	0,002	0,011	0,070	FALSE
0,041	0,307	0,002	0,012	0,061	FALSE
-0,127	0,316	-0,003	0,007	0,167	FALSE
0,024	0,310	0,001	0,008	0,027	FALSE
-0,124	0,290	-0,005	0,011	0,169	FALSE
-0,086	0,314	-0,003	0,010	0,117	FALSE
0,025	0,309	0,001	0,007	0,045	FALSE
0,049	0,310	0,001	0,008	0,053	FALSE
0,082	0,303	0,002	0,007	0,089	FALSE
-0,125	0,317	-0,004	0,008	0,179	FALSE
-0,085	0,300	-0,003	0,012	0,091	FALSE
-0,019	0,312	-0,001	0,007	0,038	FALSE
0,016	0,297	0,001	0,010	0,034	FALSE
-0,031	0,313	-0,001	0,011	0,020	FALSE
-0,059	0,304	-0,003	0,013	0,086	FALSE
-0,102	0,312	-0,004	0,012	0,129	FALSE
0,192	0,298	0,005	0,009	0,266	FALSE
-0,128	0,304	-0,004	0,013	0,140	FALSE
-0,016	0,307	-0,001	0,006	0,037	FALSE
0,049	0,310	0,001	0,006	0,089	FALSE
0,016	0,312	0,000	0,013	0,002	FALSE
-0,004	0,307	0,000	0,007	0,008	FALSE
0,084	0,291	0,003	0,012	0,098	FALSE
-0,039	0,314	-0,001	0,007	0,040	FALSE
-0,040	0,323	-0,001	0,006	0,048	FALSE
0,029	0,309	0,000	0,007	0,011	FALSE
-0,033	0,324	-0,001	0,011	0,021	FALSE
-0,027	0,302	-0,001	0,007	0,033	FALSE
-0,074	0,308	-0,002	0,009	0,090	FALSE
-0,115	0,305	-0,004	0,009	0,154	FALSE
-0,012	0,308	0,000	0,006	0,010	FALSE
0,092	0,313	0,002	0,008	0,112	FALSE
0,139	0,314	0,004	0,008	0,182	FALSE
0,041	0,299	0,001	0,007	0,039	FALSE
0,004	0,299	0,000	0,013	0,002	FALSE
0,036	0,299	0,001	0,012	0,041	FALSE
0,126	0,306	0,005	0,012	0,149	FALSE
-0,215	0,300	-0,007	0,011	0,319	FALSE
0,054	0,294	0,002	0,007	0,099	FALSE
0,054	0,297	0,002	0,008	0,085	FALSE
-0,146	0,303	-0,005	0,010	0,203	FALSE
0,040	0,311	0,001	0,011	0,039	FALSE
0,040	0,317	0,001	0,008	0,072	FALSE
-0,065	0,304	-0,002	0,009	0,088	FALSE
0,050	0,314	0,002	0,008	0,080	FALSE
-0,045	0,315	-0,001	0,009	0,040	FALSE
0,019	0,331	0,001	0,013	0,017	FALSE
0,142	0,295	0,004	0,008	0,195	FALSE

0,073	0,291	0,002	0,006	0,098	FALSE
0,067	0,312	0,001	0,007	0,075	FALSE
0,075	0,304	0,003	0,010	0,112	FALSE
0,136	0,303	0,005	0,009	0,200	FALSE
0,057	0,301	0,002	0,007	0,086	FALSE
-0,047	0,314	-0,002	0,013	0,060	FALSE
0,032	0,305	0,001	0,007	0,063	FALSE
-0,101	0,322	-0,002	0,009	0,109	FALSE
-0,006	0,299	0,000	0,012	0,009	FALSE
-0,075	0,304	-0,002	0,009	0,102	FALSE
0,178	0,293	0,004	0,007	0,267	FALSE
-0,106	0,303	-0,005	0,013	0,140	FALSE
0,036	0,300	0,001	0,011	0,027	FALSE
-0,144	0,317	-0,004	0,009	0,203	FALSE
0,041	0,300	0,001	0,011	0,035	FALSE
-0,063	0,303	-0,002	0,013	0,052	FALSE
0,004	0,309	0,000	0,007	0,013	FALSE
-0,008	0,295	0,000	0,007	0,009	FALSE
-0,008	0,301	0,000	0,007	0,004	FALSE
0,070	0,300	0,002	0,010	0,087	FALSE
0,000	0,299	-0,001	0,012	0,022	FALSE
0,056	0,312	0,001	0,007	0,071	FALSE
-0,029	0,309	-0,001	0,010	0,038	FALSE
0,038	0,302	0,000	0,007	0,001	FALSE
0,013	0,312	-0,001	0,013	0,020	FALSE
-0,041	0,300	-0,001	0,007	0,033	FALSE
-0,098	0,307	-0,002	0,007	0,143	FALSE
0,056	0,319	0,001	0,009	0,057	FALSE
-0,049	0,316	-0,001	0,007	0,041	FALSE
0,021	0,293	0,000	0,011	0,014	FALSE
0,043	0,308	0,001	0,009	0,048	FALSE
0,045	0,312	0,001	0,007	0,064	FALSE
-0,066	0,289	-0,003	0,012	0,101	FALSE
0,032	0,307	0,001	0,006	0,050	FALSE
-0,017	0,305	0,000	0,013	0,005	FALSE
-0,032	0,319	-0,001	0,013	0,026	FALSE
-0,016	0,294	0,000	0,007	0,004	FALSE
-0,040	0,309	-0,001	0,010	0,052	FALSE
-0,093	0,325	-0,002	0,007	0,099	FALSE
0,010	0,306	0,001	0,012	0,026	FALSE
-0,025	0,319	-0,001	0,007	0,032	FALSE
-0,062	0,310	-0,002	0,007	0,077	FALSE
-0,131	0,322	-0,005	0,013	0,160	FALSE
-0,120	0,307	-0,005	0,013	0,142	FALSE
0,098	0,307	0,003	0,010	0,122	FALSE
0,161	0,302	0,006	0,013	0,216	FALSE
-0,100	0,299	-0,003	0,011	0,114	FALSE
-0,124	0,286	-0,004	0,009	0,199	FALSE
0,003	0,306	0,000	0,007	0,018	FALSE
0,094	0,308	0,003	0,008	0,139	FALSE
0,047	0,309	0,001	0,009	0,040	FALSE
0,033	0,320	0,001	0,010	0,043	FALSE
-0,033	0,303	-0,001	0,006	0,059	FALSE

0,073	0,313	0,002	0,008	0,112	FALSE
0,119	0,306	0,004	0,009	0,169	FALSE
0,047	0,300	0,002	0,009	0,059	FALSE
0,058	0,315	0,002	0,013	0,068	FALSE
-0,049	0,309	-0,003	0,013	0,083	FALSE
-0,010	0,313	-0,001	0,013	0,017	FALSE
0,061	0,309	0,002	0,012	0,051	FALSE
-0,007	0,300	-0,002	0,010	0,063	FALSE
-0,010	0,296	-0,001	0,011	0,017	FALSE
-0,137	0,305	-0,006	0,013	0,178	FALSE
-0,114	0,301	-0,002	0,007	0,134	FALSE
-0,064	0,298	-0,002	0,008	0,078	FALSE
0,004	0,299	0,001	0,008	0,039	FALSE
-0,020	0,314	0,000	0,011	0,009	FALSE
0,108	0,285	0,002	0,009	0,099	FALSE
-0,050	0,308	-0,001	0,012	0,027	FALSE
-0,073	0,320	-0,003	0,011	0,093	FALSE
0,117	0,311	0,004	0,011	0,137	FALSE
-0,102	0,292	-0,002	0,006	0,118	FALSE
-0,017	0,302	-0,001	0,011	0,031	FALSE
0,031	0,305	0,001	0,011	0,025	FALSE
-0,149	0,297	-0,006	0,011	0,216	FALSE
-0,079	0,302	-0,002	0,011	0,087	FALSE
0,012	0,307	0,001	0,013	0,028	FALSE
-0,023	0,317	-0,001	0,010	0,023	FALSE
0,055	0,310	0,001	0,007	0,066	FALSE
0,125	0,311	0,004	0,009	0,172	FALSE
-0,017	0,294	-0,001	0,009	0,023	FALSE
0,029	0,320	0,001	0,008	0,030	FALSE
0,151	0,300	0,005	0,010	0,206	FALSE
-0,027	0,299	0,000	0,007	0,020	FALSE
-0,002	0,298	-0,001	0,012	0,037	FALSE
0,024	0,309	0,001	0,007	0,036	FALSE
-0,020	0,309	-0,001	0,012	0,041	FALSE
0,071	0,296	0,002	0,008	0,076	FALSE
0,124	0,310	0,003	0,007	0,187	FALSE
0,103	0,323	0,004	0,012	0,143	FALSE
0,029	0,293	0,001	0,011	0,028	FALSE
0,078	0,291	0,002	0,011	0,078	FALSE
0,030	0,297	0,000	0,007	0,023	FALSE
-0,204	0,291	-0,009	0,013	0,320	FALSE
0,072	0,304	0,001	0,007	0,080	FALSE
0,016	0,311	0,000	0,007	0,008	FALSE
-0,029	0,307	-0,001	0,012	0,041	FALSE
0,132	0,310	0,004	0,008	0,198	FALSE
-0,156	0,291	-0,008	0,012	0,272	FALSE
0,073	0,312	0,004	0,012	0,120	FALSE
-0,048	0,312	-0,002	0,012	0,051	FALSE
-0,022	0,312	-0,001	0,013	0,015	FALSE
0,214	0,302	0,006	0,008	0,339	FALSE
0,003	0,307	0,001	0,013	0,022	FALSE
0,020	0,308	0,001	0,008	0,029	FALSE
-0,028	0,312	0,000	0,008	0,018	FALSE

-0,032	0,311	0,000	0,007	0,006	FALSE
-0,153	0,292	-0,003	0,007	0,195	FALSE
0,049	0,312	0,001	0,008	0,043	FALSE
-0,007	0,305	0,000	0,007	0,007	FALSE
0,059	0,317	0,002	0,010	0,062	FALSE
-0,077	0,299	-0,002	0,009	0,110	FALSE
0,117	0,303	0,003	0,009	0,153	FALSE
-0,092	0,322	-0,004	0,013	0,121	FALSE
-0,065	0,307	-0,003	0,013	0,083	FALSE
-0,124	0,291	-0,002	0,006	0,159	FALSE
0,044	0,307	0,001	0,010	0,042	FALSE
0,066	0,301	0,002	0,010	0,093	FALSE
-0,062	0,308	-0,002	0,008	0,106	FALSE
-0,092	0,303	-0,002	0,007	0,110	FALSE
0,014	0,309	0,000	0,012	0,006	FALSE
-0,040	0,292	-0,001	0,012	0,041	FALSE
0,053	0,283	0,002	0,012	0,054	FALSE
0,073	0,297	0,002	0,008	0,122	FALSE
-0,096	0,312	-0,006	0,013	0,173	FALSE
0,151	0,316	0,004	0,009	0,204	FALSE
0,139	0,302	0,004	0,008	0,207	FALSE
0,091	0,311	0,002	0,008	0,112	FALSE
-0,129	0,290	-0,006	0,013	0,187	FALSE
-0,089	0,296	-0,002	0,007	0,103	FALSE
0,045	0,299	0,002	0,009	0,096	FALSE
0,004	0,303	0,000	0,007	0,004	FALSE
-0,085	0,309	-0,002	0,011	0,085	FALSE
0,071	0,305	0,002	0,007	0,115	FALSE
0,114	0,298	0,002	0,007	0,124	FALSE
0,141	0,291	0,006	0,009	0,267	FALSE
0,148	0,313	0,003	0,007	0,195	FALSE
0,162	0,303	0,007	0,013	0,238	FALSE
-0,025	0,329	-0,001	0,013	0,035	FALSE
0,021	0,291	0,001	0,009	0,034	FALSE
-0,109	0,306	-0,004	0,013	0,136	FALSE
0,121	0,316	0,004	0,010	0,163	FALSE
0,037	0,316	0,001	0,009	0,059	FALSE
-0,011	0,313	0,000	0,007	0,008	FALSE
-0,105	0,291	-0,002	0,007	0,119	FALSE
0,082	0,315	0,002	0,010	0,097	FALSE
0,039	0,313	0,002	0,013	0,047	FALSE
0,011	0,299	0,000	0,013	0,010	FALSE
0,130	0,305	0,004	0,011	0,164	FALSE
0,037	0,308	0,001	0,009	0,025	FALSE
0,052	0,305	0,001	0,009	0,044	FALSE
-0,016	0,323	-0,002	0,012	0,049	FALSE
-0,031	0,320	-0,001	0,009	0,049	FALSE
-0,067	0,302	-0,002	0,009	0,092	FALSE
0,033	0,304	0,001	0,007	0,044	FALSE
-0,042	0,319	-0,002	0,009	0,062	FALSE
0,050	0,297	0,001	0,006	0,064	FALSE
0,020	0,302	0,000	0,006	0,016	FALSE
-0,185	0,279	-0,006	0,010	0,290	FALSE

-0,014	0,303	0,000	0,011	0,015	FALSE
-0,047	0,312	-0,002	0,010	0,056	FALSE
-0,035	0,303	-0,002	0,010	0,059	FALSE
-0,055	0,318	-0,001	0,007	0,064	FALSE
-0,065	0,309	-0,001	0,006	0,085	FALSE
0,068	0,292	0,003	0,012	0,093	FALSE
0,012	0,300	0,000	0,007	0,013	FALSE
0,073	0,307	0,003	0,013	0,076	FALSE
0,017	0,301	0,001	0,006	0,052	FALSE
0,186	0,294	0,008	0,012	0,287	FALSE
0,191	0,305	0,008	0,013	0,292	FALSE
-0,035	0,306	-0,001	0,013	0,040	FALSE
-0,097	0,299	-0,002	0,007	0,096	FALSE
0,083	0,303	0,004	0,012	0,123	FALSE
-0,108	0,298	-0,002	0,006	0,117	FALSE
0,065	0,297	0,001	0,007	0,066	FALSE
0,045	0,299	0,001	0,007	0,049	FALSE
-0,030	0,317	-0,001	0,013	0,019	FALSE
0,031	0,293	0,001	0,012	0,039	FALSE
0,017	0,313	0,001	0,012	0,028	FALSE
0,012	0,323	0,000	0,008	0,019	FALSE
-0,099	0,287	-0,003	0,010	0,124	FALSE
0,097	0,297	0,003	0,009	0,141	FALSE
0,033	0,304	0,001	0,007	0,049	FALSE
0,082	0,309	0,003	0,009	0,147	FALSE
-0,017	0,287	-0,001	0,010	0,030	FALSE
-0,038	0,321	-0,001	0,011	0,022	FALSE
0,056	0,308	0,001	0,008	0,069	FALSE
-0,027	0,295	-0,001	0,009	0,044	FALSE
-0,006	0,307	0,000	0,010	0,013	FALSE
0,041	0,302	0,001	0,013	0,031	FALSE
-0,136	0,295	-0,005	0,009	0,225	FALSE
0,112	0,300	0,005	0,012	0,179	FALSE
-0,090	0,314	-0,003	0,008	0,129	FALSE
-0,087	0,303	-0,003	0,010	0,123	FALSE
-0,133	0,307	-0,004	0,007	0,221	FALSE
-0,082	0,304	-0,002	0,007	0,106	FALSE
0,120	0,297	0,004	0,011	0,158	FALSE
0,064	0,299	0,002	0,009	0,073	FALSE
0,036	0,318	0,002	0,013	0,046	FALSE
0,034	0,313	0,002	0,012	0,047	FALSE
0,054	0,303	0,002	0,012	0,075	FALSE
-0,209	0,306	-0,008	0,011	0,302	FALSE
0,047	0,320	0,002	0,013	0,068	FALSE
0,126	0,302	0,005	0,011	0,167	FALSE
0,118	0,293	0,005	0,011	0,181	FALSE
0,109	0,310	0,004	0,012	0,153	FALSE
0,087	0,294	0,004	0,011	0,138	FALSE
0,131	0,307	0,003	0,007	0,154	FALSE
0,072	0,308	0,003	0,012	0,097	FALSE
-0,097	0,299	-0,002	0,008	0,114	FALSE
-0,118	0,302	-0,004	0,012	0,134	FALSE
-0,109	0,304	-0,004	0,012	0,121	FALSE

-0,061	0,313	-0,002	0,013	0,061	FALSE
0,031	0,306	0,001	0,011	0,026	FALSE
0,096	0,292	0,004	0,012	0,119	FALSE
-0,094	0,317	-0,003	0,010	0,125	FALSE
0,003	0,296	0,000	0,012	0,006	FALSE
0,069	0,310	0,003	0,011	0,089	FALSE
0,051	0,298	0,002	0,008	0,085	FALSE
-0,105	0,306	-0,003	0,010	0,137	FALSE
0,004	0,305	0,000	0,006	0,020	FALSE
-0,060	0,303	-0,002	0,009	0,059	FALSE
0,028	0,315	0,001	0,009	0,037	FALSE
-0,015	0,303	-0,001	0,011	0,032	FALSE
-0,041	0,311	-0,001	0,010	0,033	FALSE
0,032	0,299	0,001	0,011	0,023	FALSE
0,034	0,305	0,001	0,010	0,031	FALSE
-0,114	0,303	-0,003	0,008	0,165	FALSE
0,211	0,298	0,007	0,009	0,330	FALSE
-0,160	0,319	-0,004	0,008	0,201	FALSE
-0,136	0,302	-0,003	0,007	0,172	FALSE
0,009	0,316	0,000	0,008	0,017	FALSE
0,066	0,301	0,002	0,012	0,060	FALSE
-0,164	0,309	-0,004	0,008	0,205	FALSE
0,035	0,313	0,001	0,011	0,048	FALSE
0,059	0,313	0,002	0,011	0,058	FALSE
0,052	0,306	0,002	0,011	0,050	FALSE
0,020	0,312	0,001	0,011	0,018	FALSE
0,030	0,293	0,001	0,010	0,026	FALSE
-0,139	0,315	-0,006	0,013	0,189	FALSE
0,117	0,292	0,003	0,007	0,163	FALSE
-0,135	0,311	-0,006	0,012	0,189	FALSE
-0,047	0,307	-0,001	0,012	0,047	FALSE
-0,079	0,291	-0,003	0,010	0,126	FALSE
-0,106	0,293	-0,004	0,009	0,192	FALSE
-0,014	0,301	0,000	0,012	0,014	FALSE
0,051	0,295	0,001	0,007	0,061	FALSE
-0,033	0,310	-0,002	0,012	0,049	FALSE
0,060	0,315	0,002	0,009	0,075	FALSE
-0,080	0,298	-0,003	0,007	0,137	FALSE
-0,107	0,322	-0,003	0,008	0,134	FALSE
-0,019	0,276	-0,001	0,006	0,032	FALSE
0,049	0,307	0,001	0,006	0,081	FALSE
-0,036	0,299	-0,001	0,013	0,031	FALSE
0,048	0,311	0,001	0,010	0,055	FALSE
0,109	0,288	0,003	0,008	0,147	FALSE
-0,120	0,311	-0,003	0,007	0,173	FALSE
0,050	0,303	0,003	0,012	0,096	FALSE
0,093	0,309	0,003	0,009	0,133	FALSE
0,012	0,300	0,001	0,009	0,034	FALSE
-0,026	0,303	-0,001	0,006	0,030	FALSE
-0,033	0,306	-0,001	0,009	0,049	FALSE
-0,077	0,298	-0,003	0,009	0,117	FALSE
-0,058	0,309	-0,002	0,008	0,084	FALSE
0,099	0,295	0,001	0,006	0,088	FALSE

-0,047	0,296	-0,001	0,008	0,033	FALSE
0,077	0,308	0,002	0,008	0,107	FALSE
-0,117	0,321	-0,005	0,013	0,162	FALSE
-0,124	0,314	-0,006	0,013	0,176	FALSE
-0,105	0,307	-0,005	0,013	0,151	FALSE
0,080	0,312	0,002	0,008	0,107	FALSE
0,028	0,307	0,000	0,007	0,016	FALSE
0,027	0,308	0,001	0,007	0,039	FALSE
0,085	0,308	0,002	0,008	0,107	FALSE
0,043	0,313	0,002	0,013	0,045	FALSE
-0,007	0,303	-0,001	0,008	0,021	FALSE
-0,031	0,297	-0,001	0,008	0,050	FALSE
-0,049	0,311	-0,001	0,009	0,056	FALSE
-0,059	0,303	-0,002	0,007	0,104	FALSE
-0,034	0,296	-0,001	0,011	0,041	FALSE
0,013	0,321	0,001	0,011	0,021	FALSE
-0,053	0,314	-0,002	0,013	0,069	FALSE
-0,066	0,300	-0,002	0,009	0,065	FALSE
0,020	0,312	0,001	0,013	0,030	FALSE
-0,054	0,303	-0,001	0,010	0,052	FALSE
-0,043	0,314	-0,001	0,009	0,025	FALSE
-0,019	0,307	-0,001	0,013	0,037	FALSE
-0,055	0,309	-0,001	0,007	0,073	FALSE
0,026	0,300	0,001	0,007	0,033	FALSE
0,046	0,323	0,001	0,009	0,047	FALSE
-0,016	0,298	0,000	0,007	0,013	FALSE
0,014	0,309	0,001	0,010	0,019	FALSE
-0,037	0,304	-0,001	0,007	0,041	FALSE
0,057	0,303	0,003	0,011	0,110	FALSE
0,067	0,310	0,003	0,012	0,113	FALSE
0,037	0,316	0,002	0,013	0,065	FALSE
0,016	0,307	0,001	0,013	0,018	FALSE
0,018	0,305	0,001	0,007	0,032	FALSE
0,046	0,321	0,001	0,014	0,036	FALSE
0,014	0,312	0,001	0,013	0,033	FALSE
0,011	0,324	0,000	0,012	0,010	FALSE
0,043	0,324	0,001	0,007	0,059	FALSE
-0,013	0,306	-0,001	0,012	0,018	FALSE
0,067	0,310	0,002	0,011	0,058	FALSE
0,059	0,310	0,003	0,013	0,084	FALSE
-0,016	0,314	0,000	0,009	0,012	FALSE
-0,066	0,302	-0,001	0,007	0,077	FALSE
-0,073	0,298	-0,001	0,006	0,088	FALSE
-0,036	0,307	-0,001	0,009	0,058	FALSE
0,068	0,311	0,002	0,007	0,114	FALSE
0,064	0,311	0,002	0,008	0,110	FALSE
0,074	0,296	0,002	0,007	0,119	FALSE
-0,006	0,311	-0,001	0,012	0,022	FALSE
0,052	0,300	0,001	0,009	0,053	FALSE
-0,009	0,313	0,000	0,009	0,007	FALSE
0,021	0,309	0,000	0,007	0,015	FALSE
-0,036	0,302	-0,002	0,012	0,047	FALSE
0,021	0,305	0,001	0,011	0,043	FALSE

0,152	0,308	0,006	0,011	0,224	FALSE
-0,012	0,312	0,000	0,012	0,011	FALSE
-0,043	0,310	-0,002	0,010	0,083	FALSE
0,099	0,322	0,004	0,013	0,125	FALSE
0,061	0,295	0,001	0,010	0,052	FALSE
0,034	0,315	0,001	0,007	0,074	FALSE
0,030	0,301	0,001	0,007	0,041	FALSE
0,028	0,301	0,002	0,009	0,059	FALSE
-0,087	0,306	-0,002	0,006	0,109	FALSE
-0,031	0,290	-0,001	0,012	0,046	FALSE
0,104	0,306	0,003	0,009	0,132	FALSE
0,066	0,309	0,002	0,012	0,059	FALSE
0,001	0,300	0,000	0,008	0,004	FALSE
0,055	0,303	0,002	0,007	0,090	FALSE
0,126	0,306	0,005	0,010	0,191	FALSE
-0,162	0,302	-0,004	0,008	0,228	FALSE
0,108	0,307	0,002	0,006	0,112	FALSE
0,012	0,307	0,000	0,008	0,019	FALSE
0,031	0,306	0,001	0,007	0,035	FALSE
-0,079	0,307	-0,003	0,010	0,118	FALSE
0,119	0,302	0,003	0,007	0,171	FALSE
-0,012	0,309	0,000	0,007	0,001	FALSE
0,103	0,317	0,003	0,009	0,138	FALSE
-0,023	0,300	0,000	0,011	0,007	FALSE
-0,074	0,310	-0,003	0,010	0,098	FALSE
0,055	0,295	0,001	0,006	0,056	FALSE
-0,180	0,316	-0,008	0,013	0,273	FALSE
0,121	0,308	0,004	0,009	0,180	FALSE
0,073	0,306	0,003	0,009	0,109	FALSE
-0,153	0,292	-0,004	0,008	0,203	FALSE
0,024	0,302	0,000	0,010	0,003	FALSE
0,083	0,303	0,003	0,008	0,145	FALSE
0,009	0,313	0,000	0,009	0,003	FALSE
-0,030	0,307	-0,001	0,009	0,055	FALSE
-0,069	0,298	-0,003	0,012	0,086	FALSE
-0,080	0,300	-0,002	0,011	0,077	FALSE
0,007	0,309	0,001	0,010	0,026	FALSE
-0,139	0,294	-0,004	0,010	0,155	FALSE
0,023	0,308	0,000	0,012	0,002	FALSE
-0,066	0,315	-0,003	0,013	0,075	FALSE
-0,051	0,310	-0,001	0,011	0,047	FALSE
0,077	0,314	0,002	0,009	0,080	FALSE
-0,027	0,301	-0,001	0,008	0,062	FALSE
0,069	0,313	0,001	0,008	0,071	FALSE
0,058	0,316	0,003	0,012	0,084	FALSE
-0,091	0,303	-0,003	0,012	0,086	FALSE
-0,029	0,296	-0,001	0,007	0,068	FALSE
-0,055	0,316	-0,001	0,010	0,046	FALSE
-0,158	0,292	-0,004	0,009	0,214	FALSE
-0,042	0,298	-0,001	0,010	0,052	FALSE
0,040	0,306	0,001	0,010	0,051	FALSE
-0,069	0,305	-0,003	0,012	0,081	FALSE
0,000	0,323	0,000	0,012	0,005	FALSE

0,063	0,309	0,002	0,008	0,072	FALSE
-0,021	0,308	0,000	0,006	0,027	FALSE
0,087	0,300	0,002	0,007	0,102	FALSE
-0,087	0,315	-0,003	0,009	0,108	FALSE
-0,076	0,302	-0,002	0,010	0,069	FALSE
0,065	0,292	0,001	0,006	0,082	FALSE
0,035	0,320	0,001	0,011	0,039	FALSE
-0,069	0,306	-0,003	0,012	0,083	FALSE
-0,093	0,304	-0,003	0,010	0,114	FALSE
0,036	0,327	0,001	0,007	0,058	FALSE
0,046	0,316	0,001	0,007	0,068	FALSE
0,057	0,285	0,001	0,008	0,066	FALSE
0,011	0,288	0,000	0,011	0,005	FALSE
-0,095	0,310	-0,002	0,008	0,115	FALSE
-0,021	0,312	-0,001	0,009	0,023	FALSE
0,064	0,315	0,002	0,007	0,084	FALSE
0,163	0,305	0,005	0,010	0,225	FALSE
0,189	0,282	0,007	0,010	0,301	FALSE
0,008	0,307	0,000	0,011	0,006	FALSE
-0,050	0,305	-0,002	0,011	0,071	FALSE
0,080	0,302	0,002	0,008	0,086	FALSE
0,060	0,312	0,004	0,013	0,107	FALSE
0,029	0,294	0,000	0,007	0,021	FALSE
0,000	0,293	0,000	0,012	0,011	FALSE
0,060	0,308	0,001	0,008	0,066	FALSE
-0,016	0,309	0,000	0,010	0,015	FALSE
0,047	0,295	0,001	0,008	0,035	FALSE
0,003	0,310	0,000	0,008	0,017	FALSE
-0,008	0,293	0,000	0,006	0,018	FALSE
-0,040	0,310	-0,002	0,013	0,055	FALSE
0,055	0,317	0,002	0,010	0,058	FALSE
-0,098	0,298	-0,002	0,007	0,137	FALSE
0,097	0,308	0,005	0,013	0,144	FALSE
-0,011	0,299	0,000	0,010	0,009	FALSE
0,025	0,288	0,001	0,008	0,049	FALSE
-0,094	0,306	-0,003	0,009	0,110	FALSE
-0,104	0,309	-0,004	0,009	0,149	FALSE
-0,020	0,314	0,000	0,013	0,012	FALSE
-0,120	0,309	-0,003	0,007	0,170	FALSE
-0,030	0,300	-0,001	0,006	0,048	FALSE
-0,059	0,310	-0,003	0,011	0,097	FALSE
0,173	0,303	0,003	0,006	0,235	FALSE
-0,076	0,298	-0,002	0,010	0,077	FALSE
-0,068	0,308	-0,001	0,007	0,068	FALSE
-0,061	0,298	-0,001	0,008	0,066	FALSE
-0,037	0,305	-0,001	0,007	0,037	FALSE
-0,060	0,323	-0,003	0,011	0,094	FALSE
-0,077	0,309	-0,004	0,013	0,109	FALSE
0,036	0,313	0,001	0,007	0,035	FALSE
0,021	0,297	0,000	0,007	0,018	FALSE
0,155	0,302	0,004	0,008	0,244	FALSE
-0,057	0,304	-0,002	0,010	0,073	FALSE
-0,059	0,305	-0,002	0,010	0,087	FALSE

-0,057	0,299	-0,002	0,010	0,081	FALSE
-0,055	0,302	-0,002	0,010	0,072	FALSE
-0,032	0,303	-0,001	0,007	0,057	FALSE
-0,003	0,304	0,000	0,011	0,003	FALSE
0,062	0,304	0,002	0,009	0,099	FALSE
-0,054	0,309	-0,002	0,012	0,074	FALSE
-0,036	0,298	-0,001	0,010	0,051	FALSE
-0,022	0,310	-0,002	0,012	0,046	FALSE
0,023	0,322	0,000	0,012	0,010	FALSE
-0,007	0,298	-0,001	0,013	0,022	FALSE
0,001	0,324	0,000	0,012	0,014	FALSE
0,063	0,302	0,001	0,007	0,076	FALSE
0,030	0,299	0,001	0,012	0,030	FALSE
0,002	0,309	0,000	0,008	0,016	FALSE
0,166	0,296	0,006	0,011	0,232	FALSE
-0,009	0,318	0,000	0,009	0,002	FALSE
-0,074	0,307	-0,002	0,009	0,088	FALSE
-0,021	0,291	-0,001	0,010	0,040	FALSE
-0,035	0,309	-0,001	0,007	0,061	FALSE
-0,051	0,317	-0,001	0,007	0,051	FALSE
-0,056	0,305	-0,001	0,006	0,052	FALSE
-0,034	0,318	-0,001	0,008	0,048	FALSE
0,005	0,296	0,000	0,006	0,002	FALSE
0,074	0,302	0,002	0,008	0,088	FALSE
-0,078	0,296	-0,002	0,007	0,103	FALSE
0,085	0,305	0,002	0,009	0,105	FALSE
0,138	0,296	0,004	0,010	0,175	FALSE
0,016	0,314	0,000	0,011	0,008	FALSE
0,041	0,312	0,002	0,012	0,050	FALSE
0,009	0,319	0,000	0,012	0,007	FALSE
-0,074	0,303	-0,002	0,012	0,073	FALSE
-0,092	0,302	-0,003	0,012	0,098	FALSE
0,113	0,304	0,003	0,007	0,152	FALSE
0,043	0,303	0,001	0,008	0,048	FALSE
0,159	0,310	0,004	0,008	0,236	FALSE
-0,113	0,316	-0,003	0,008	0,148	FALSE
-0,066	0,315	-0,001	0,010	0,047	FALSE
-0,032	0,292	-0,001	0,008	0,037	FALSE
-0,009	0,316	0,000	0,009	0,009	FALSE
0,235	0,299	0,005	0,006	0,335	FALSE
-0,065	0,309	-0,002	0,010	0,075	FALSE
-0,094	0,301	-0,003	0,011	0,104	FALSE
-0,003	0,311	0,000	0,007	0,004	FALSE
0,237	0,294	0,004	0,006	0,314	FALSE
0,037	0,319	0,002	0,011	0,051	FALSE
-0,078	0,315	-0,004	0,013	0,112	FALSE
0,044	0,312	0,003	0,013	0,079	FALSE
0,007	0,292	0,000	0,008	0,020	FALSE
0,060	0,303	0,002	0,008	0,105	FALSE
0,042	0,295	0,001	0,012	0,045	FALSE
0,037	0,308	0,001	0,010	0,031	FALSE
0,004	0,321	0,000	0,011	0,004	FALSE
0,090	0,313	0,002	0,008	0,114	FALSE

-0,025	0,303	0,000	0,010	0,002	FALSE
-0,046	0,322	-0,002	0,010	0,071	FALSE
0,021	0,307	0,001	0,007	0,038	FALSE
-0,125	0,300	-0,003	0,006	0,175	FALSE
0,028	0,307	0,001	0,009	0,031	FALSE
-0,030	0,307	0,000	0,008	0,015	FALSE
-0,164	0,314	-0,005	0,010	0,209	FALSE
-0,077	0,314	-0,003	0,014	0,084	FALSE
0,163	0,300	0,003	0,007	0,191	FALSE
-0,026	0,302	-0,002	0,013	0,073	FALSE
0,036	0,295	0,000	0,009	0,013	FALSE
0,044	0,304	0,001	0,008	0,054	FALSE
0,201	0,303	0,007	0,011	0,261	FALSE
0,078	0,294	0,001	0,006	0,062	FALSE
-0,090	0,311	-0,003	0,012	0,107	FALSE
0,061	0,314	0,003	0,010	0,110	FALSE
-0,089	0,310	-0,003	0,011	0,122	FALSE
-0,064	0,319	-0,002	0,009	0,078	FALSE
0,012	0,306	0,000	0,011	0,001	FALSE
-0,116	0,306	-0,003	0,010	0,126	FALSE
-0,066	0,308	-0,001	0,006	0,067	FALSE
0,090	0,312	0,002	0,007	0,122	FALSE
-0,015	0,302	0,000	0,007	0,026	FALSE
0,086	0,300	0,004	0,012	0,123	FALSE
-0,070	0,296	-0,003	0,009	0,113	FALSE
0,054	0,302	0,002	0,008	0,074	FALSE
0,000	0,324	0,000	0,010	0,016	FALSE
-0,073	0,303	-0,002	0,007	0,115	FALSE
-0,049	0,317	-0,001	0,012	0,042	FALSE
0,046	0,308	0,002	0,012	0,068	FALSE
-0,104	0,291	-0,002	0,006	0,140	FALSE
0,088	0,313	0,004	0,013	0,125	FALSE
0,009	0,312	0,000	0,011	0,011	FALSE
-0,173	0,305	-0,006	0,012	0,231	FALSE
0,001	0,298	0,001	0,007	0,031	FALSE
0,051	0,330	0,001	0,014	0,036	FALSE
-0,152	0,305	-0,003	0,007	0,206	FALSE
0,073	0,317	0,003	0,012	0,093	FALSE
-0,050	0,310	-0,001	0,007	0,060	FALSE
-0,057	0,301	-0,001	0,006	0,046	FALSE
0,068	0,318	0,002	0,007	0,116	FALSE
0,044	0,308	0,002	0,013	0,060	FALSE
-0,047	0,306	-0,002	0,011	0,079	FALSE
-0,098	0,310	-0,002	0,007	0,144	FALSE
0,061	0,304	0,002	0,007	0,109	FALSE
0,050	0,317	0,002	0,011	0,056	FALSE
0,050	0,312	0,001	0,007	0,058	FALSE
-0,034	0,304	-0,002	0,013	0,048	FALSE
-0,051	0,313	-0,002	0,008	0,108	FALSE
-0,039	0,300	-0,002	0,010	0,073	FALSE
-0,129	0,294	-0,006	0,013	0,207	FALSE
-0,103	0,310	-0,003	0,009	0,112	FALSE
-0,141	0,296	-0,004	0,010	0,163	FALSE

-0,084	0,298	-0,002	0,007	0,095	FALSE
-0,034	0,301	-0,001	0,008	0,035	FALSE
-0,064	0,323	-0,002	0,010	0,068	FALSE
0,028	0,325	0,001	0,012	0,040	FALSE
-0,061	0,310	-0,003	0,013	0,081	FALSE
0,079	0,319	0,003	0,010	0,102	FALSE
0,093	0,318	0,004	0,010	0,139	FALSE
0,038	0,317	0,001	0,008	0,030	FALSE
-0,011	0,317	0,000	0,008	0,021	FALSE
-0,072	0,295	-0,002	0,007	0,095	FALSE
0,083	0,293	0,004	0,010	0,143	FALSE
0,056	0,320	0,001	0,007	0,068	FALSE
-0,064	0,299	-0,002	0,010	0,063	FALSE
0,036	0,309	0,001	0,013	0,032	FALSE
0,168	0,308	0,003	0,006	0,244	FALSE
0,083	0,299	0,002	0,008	0,123	FALSE
-0,071	0,297	-0,001	0,006	0,084	FALSE
0,123	0,310	0,004	0,011	0,133	FALSE
-0,073	0,312	-0,001	0,007	0,073	FALSE
0,019	0,296	0,000	0,007	0,015	FALSE
0,091	0,303	0,002	0,009	0,096	FALSE
-0,044	0,303	-0,001	0,010	0,056	FALSE
0,152	0,304	0,006	0,009	0,255	FALSE
-0,046	0,312	-0,002	0,011	0,063	FALSE
0,055	0,306	0,002	0,008	0,069	FALSE
0,009	0,316	0,000	0,010	0,009	FALSE
0,026	0,304	0,002	0,009	0,086	FALSE
-0,062	0,320	-0,002	0,011	0,076	FALSE
0,060	0,314	0,001	0,008	0,064	FALSE
-0,110	0,306	-0,003	0,008	0,126	FALSE
-0,004	0,297	0,000	0,008	0,020	FALSE
-0,080	0,311	-0,004	0,013	0,139	FALSE
0,096	0,306	0,002	0,007	0,117	FALSE
0,211	0,304	0,008	0,012	0,315	FALSE
0,110	0,300	0,003	0,008	0,154	FALSE
0,041	0,308	0,000	0,008	0,015	FALSE
0,073	0,296	0,002	0,008	0,128	FALSE
0,112	0,301	0,004	0,010	0,140	FALSE
-0,092	0,307	-0,003	0,010	0,122	FALSE
-0,096	0,317	-0,004	0,010	0,138	FALSE
-0,103	0,316	-0,003	0,009	0,125	FALSE
-0,008	0,290	-0,001	0,011	0,045	FALSE
-0,048	0,318	-0,001	0,008	0,052	FALSE
0,084	0,313	0,003	0,010	0,113	FALSE
0,011	0,298	0,001	0,009	0,037	FALSE
-0,049	0,313	-0,001	0,007	0,051	FALSE
0,031	0,314	0,001	0,008	0,031	FALSE
0,023	0,312	0,001	0,013	0,024	FALSE
0,036	0,312	0,001	0,007	0,054	FALSE
-0,101	0,312	-0,004	0,012	0,148	FALSE
-0,018	0,308	0,000	0,012	0,010	FALSE
0,003	0,308	0,000	0,010	0,006	FALSE
-0,014	0,298	0,000	0,011	0,011	FALSE

-0,153	0,295	-0,005	0,010	0,201	FALSE
0,080	0,295	0,002	0,007	0,089	FALSE
0,009	0,308	0,000	0,011	0,001	FALSE
0,019	0,320	0,001	0,008	0,024	FALSE
-0,073	0,305	-0,002	0,009	0,065	FALSE
-0,111	0,306	-0,003	0,006	0,160	FALSE
0,129	0,308	0,005	0,009	0,204	FALSE
0,132	0,306	0,003	0,008	0,153	FALSE
0,013	0,296	0,001	0,011	0,029	FALSE
0,090	0,309	0,003	0,011	0,109	FALSE
0,124	0,309	0,003	0,007	0,160	FALSE
0,041	0,305	0,001	0,008	0,027	FALSE
0,049	0,293	0,002	0,012	0,065	FALSE
0,064	0,292	0,003	0,012	0,097	FALSE
-0,044	0,293	-0,001	0,007	0,039	FALSE
-0,080	0,294	-0,002	0,007	0,093	FALSE
-0,086	0,305	-0,003	0,012	0,108	FALSE
-0,041	0,301	-0,002	0,012	0,053	FALSE
-0,143	0,313	-0,003	0,007	0,185	FALSE
-0,006	0,318	0,000	0,007	0,006	FALSE
-0,044	0,306	-0,001	0,010	0,045	FALSE
-0,033	0,314	-0,001	0,013	0,022	FALSE
0,104	0,316	0,003	0,009	0,129	FALSE
0,133	0,308	0,004	0,008	0,172	FALSE
0,017	0,311	0,001	0,008	0,042	FALSE
0,037	0,306	0,001	0,009	0,022	FALSE
0,047	0,304	0,002	0,011	0,054	FALSE
-0,156	0,307	-0,005	0,009	0,211	FALSE
-0,148	0,287	-0,005	0,010	0,193	FALSE
-0,143	0,297	-0,006	0,013	0,206	FALSE
-0,061	0,311	-0,001	0,007	0,072	FALSE
0,094	0,314	0,002	0,007	0,131	FALSE
-0,025	0,303	-0,001	0,011	0,031	FALSE
-0,105	0,306	-0,003	0,007	0,154	FALSE
-0,060	0,296	-0,002	0,007	0,083	FALSE
0,038	0,310	0,001	0,006	0,052	FALSE
0,067	0,290	0,002	0,006	0,101	FALSE
-0,001	0,299	0,000	0,007	0,016	FALSE
0,006	0,305	0,000	0,008	0,019	FALSE
-0,051	0,304	-0,001	0,008	0,063	FALSE
0,122	0,316	0,003	0,007	0,191	FALSE
0,094	0,314	0,004	0,012	0,114	FALSE
0,024	0,305	0,001	0,008	0,051	FALSE
0,003	0,296	0,000	0,006	0,013	FALSE
0,028	0,314	0,001	0,012	0,031	FALSE
0,155	0,299	0,004	0,008	0,225	FALSE
0,028	0,303	0,000	0,012	0,002	FALSE
0,049	0,309	0,001	0,011	0,017	FALSE
-0,059	0,312	-0,002	0,013	0,054	FALSE
0,044	0,312	0,001	0,010	0,039	FALSE
-0,075	0,308	-0,002	0,011	0,074	FALSE
0,055	0,303	0,003	0,012	0,081	FALSE
0,005	0,319	0,000	0,012	0,004	FALSE

0,032	0,308	0,002	0,012	0,050	FALSE
-0,152	0,301	-0,005	0,009	0,225	FALSE
0,105	0,296	0,004	0,010	0,144	FALSE
0,016	0,305	0,000	0,008	0,002	FALSE
-0,011	0,301	-0,001	0,009	0,023	FALSE
0,058	0,325	0,001	0,007	0,071	FALSE
-0,021	0,310	-0,001	0,007	0,038	FALSE
-0,060	0,303	-0,002	0,011	0,065	FALSE
-0,012	0,296	-0,001	0,012	0,032	FALSE
0,010	0,302	0,000	0,012	0,002	FALSE
0,023	0,307	0,001	0,007	0,037	FALSE
0,052	0,306	0,001	0,007	0,082	FALSE
-0,104	0,301	-0,002	0,007	0,106	FALSE
0,107	0,294	0,004	0,010	0,161	FALSE
0,119	0,284	0,004	0,010	0,171	FALSE
-0,083	0,311	-0,001	0,007	0,079	FALSE
-0,091	0,313	-0,004	0,011	0,141	FALSE
-0,112	0,302	-0,002	0,007	0,129	FALSE
-0,038	0,301	-0,001	0,009	0,044	FALSE
-0,060	0,307	-0,001	0,006	0,076	FALSE
-0,057	0,311	-0,001	0,008	0,045	FALSE
-0,049	0,303	-0,001	0,008	0,048	FALSE
0,011	0,306	-0,001	0,008	0,022	FALSE
0,083	0,307	0,003	0,012	0,097	FALSE
-0,061	0,307	-0,001	0,007	0,068	FALSE
0,054	0,302	0,003	0,011	0,097	FALSE
-0,012	0,308	0,000	0,009	0,018	FALSE
-0,053	0,309	-0,002	0,008	0,072	FALSE
-0,045	0,301	0,000	0,007	0,026	FALSE
-0,033	0,317	0,000	0,007	0,019	FALSE
-0,155	0,297	-0,003	0,006	0,229	FALSE
0,003	0,301	0,000	0,008	0,016	FALSE
0,024	0,308	0,001	0,012	0,024	FALSE
0,021	0,318	0,001	0,010	0,028	FALSE
0,019	0,309	0,000	0,010	0,005	FALSE
-0,093	0,302	-0,003	0,013	0,099	FALSE
0,019	0,304	0,000	0,011	0,004	FALSE
-0,050	0,311	-0,001	0,007	0,067	FALSE
-0,035	0,309	-0,001	0,010	0,032	FALSE
-0,060	0,312	-0,002	0,011	0,068	FALSE
0,044	0,328	0,001	0,010	0,054	FALSE
0,036	0,300	0,002	0,008	0,073	FALSE
-0,074	0,299	-0,002	0,009	0,063	FALSE
0,013	0,296	0,001	0,012	0,015	FALSE
0,015	0,311	0,000	0,012	0,005	FALSE
0,081	0,308	0,003	0,012	0,104	FALSE
0,071	0,310	0,003	0,012	0,084	FALSE
0,112	0,307	0,003	0,009	0,116	FALSE
0,051	0,315	0,002	0,009	0,086	FALSE
0,071	0,306	0,004	0,012	0,132	FALSE
-0,014	0,304	0,000	0,008	0,019	FALSE
0,080	0,310	0,002	0,008	0,079	FALSE
0,097	0,299	0,003	0,010	0,121	FALSE

0,010	0,316	0,001	0,011	0,027	FALSE
0,053	0,319	0,002	0,010	0,078	FALSE
-0,061	0,314	-0,003	0,013	0,099	FALSE
0,056	0,311	0,002	0,010	0,069	FALSE
-0,109	0,314	-0,004	0,010	0,159	FALSE
0,013	0,300	0,001	0,012	0,047	FALSE
-0,051	0,312	-0,001	0,007	0,062	FALSE
0,067	0,303	0,001	0,007	0,069	FALSE
-0,077	0,311	-0,003	0,010	0,110	FALSE
0,015	0,309	0,000	0,008	0,004	FALSE
-0,056	0,298	-0,002	0,008	0,079	FALSE
0,140	0,306	0,004	0,010	0,187	FALSE
0,013	0,280	0,000	0,012	0,013	FALSE
0,027	0,304	0,001	0,007	0,034	FALSE
0,004	0,306	0,000	0,006	0,009	FALSE
-0,003	0,307	0,000	0,007	0,020	FALSE
-0,010	0,317	0,000	0,011	0,011	FALSE
-0,039	0,312	0,000	0,010	0,014	FALSE
0,049	0,297	0,001	0,007	0,071	FALSE
0,053	0,314	0,001	0,008	0,069	FALSE
-0,105	0,315	-0,005	0,013	0,149	FALSE
0,025	0,318	0,001	0,008	0,046	FALSE
0,033	0,315	0,001	0,008	0,054	FALSE
-0,046	0,301	-0,002	0,012	0,075	FALSE
0,102	0,301	0,004	0,011	0,127	FALSE
-0,072	0,303	-0,003	0,011	0,101	FALSE
0,073	0,317	0,003	0,012	0,099	FALSE
-0,084	0,293	-0,003	0,008	0,122	FALSE
0,071	0,295	0,002	0,012	0,048	FALSE
-0,177	0,299	-0,006	0,010	0,261	FALSE
-0,041	0,294	0,000	0,010	0,017	FALSE
0,057	0,299	0,001	0,007	0,065	FALSE
0,090	0,306	0,003	0,012	0,103	FALSE
-0,044	0,292	-0,001	0,011	0,028	FALSE
-0,112	0,309	-0,002	0,007	0,131	FALSE
-0,015	0,301	0,000	0,008	0,009	FALSE
0,019	0,314	0,000	0,009	0,006	FALSE
-0,039	0,314	-0,001	0,008	0,033	FALSE
-0,144	0,301	-0,004	0,008	0,206	FALSE
-0,018	0,310	-0,001	0,009	0,025	FALSE
0,034	0,300	0,001	0,008	0,050	FALSE
0,041	0,302	0,001	0,007	0,072	FALSE
0,131	0,298	0,005	0,012	0,194	FALSE
-0,218	0,304	-0,006	0,008	0,348	FALSE
-0,032	0,305	-0,001	0,006	0,044	FALSE
-0,026	0,317	-0,001	0,009	0,031	FALSE
0,026	0,325	0,001	0,007	0,035	FALSE
-0,013	0,313	0,000	0,007	0,002	FALSE
0,082	0,317	0,003	0,013	0,085	FALSE
0,015	0,300	0,000	0,008	0,023	FALSE
-0,038	0,304	-0,001	0,011	0,025	FALSE
-0,057	0,310	-0,002	0,012	0,056	FALSE
-0,019	0,304	0,000	0,012	0,002	FALSE

0,059	0,299	0,002	0,007	0,096	FALSE
0,092	0,314	0,002	0,007	0,136	FALSE
0,052	0,306	0,002	0,012	0,052	FALSE
-0,071	0,305	-0,003	0,012	0,103	FALSE
0,081	0,312	0,003	0,010	0,105	FALSE
0,105	0,305	0,004	0,011	0,160	FALSE
-0,049	0,304	-0,002	0,009	0,100	FALSE
-0,065	0,307	-0,002	0,006	0,117	FALSE
0,047	0,305	0,002	0,011	0,061	FALSE
0,028	0,290	0,001	0,010	0,021	FALSE
-0,029	0,313	-0,001	0,010	0,036	FALSE
-0,003	0,304	-0,001	0,012	0,015	FALSE
0,126	0,291	0,006	0,013	0,205	FALSE
0,002	0,305	0,000	0,007	0,012	FALSE
-0,115	0,295	-0,004	0,009	0,161	FALSE
-0,036	0,310	-0,001	0,009	0,037	FALSE
0,011	0,318	0,000	0,010	0,015	FALSE
0,070	0,313	0,003	0,013	0,105	FALSE
0,006	0,319	0,001	0,009	0,023	FALSE
-0,011	0,308	-0,001	0,009	0,035	FALSE
-0,018	0,317	-0,001	0,009	0,048	FALSE
0,140	0,307	0,003	0,006	0,197	FALSE
-0,049	0,312	-0,002	0,013	0,068	FALSE
-0,022	0,308	0,000	0,012	0,007	FALSE
-0,026	0,308	-0,001	0,011	0,036	FALSE
0,024	0,300	0,000	0,011	0,000	FALSE
0,053	0,312	0,001	0,007	0,072	FALSE
0,023	0,297	0,001	0,009	0,030	FALSE
-0,120	0,310	-0,003	0,007	0,177	FALSE
0,076	0,310	0,003	0,011	0,099	FALSE
0,043	0,312	0,001	0,009	0,030	FALSE
-0,073	0,316	-0,003	0,012	0,105	FALSE
-0,151	0,309	-0,004	0,008	0,202	FALSE
-0,004	0,301	-0,001	0,008	0,026	FALSE
-0,001	0,307	0,001	0,007	0,034	FALSE
0,147	0,294	0,006	0,010	0,239	FALSE
0,054	0,306	0,002	0,006	0,096	FALSE
-0,138	0,310	-0,005	0,011	0,198	FALSE
-0,002	0,309	0,000	0,007	0,025	FALSE
0,057	0,308	0,002	0,007	0,099	FALSE
0,000	0,326	0,000	0,012	0,007	FALSE
0,078	0,295	0,002	0,008	0,108	FALSE
0,077	0,314	0,002	0,006	0,126	FALSE
-0,109	0,296	-0,004	0,011	0,155	FALSE
-0,023	0,303	-0,001	0,008	0,045	FALSE
-0,041	0,317	-0,001	0,009	0,052	FALSE
-0,095	0,308	-0,003	0,011	0,120	FALSE
0,043	0,320	0,002	0,008	0,076	FALSE
-0,017	0,299	-0,001	0,011	0,023	FALSE
-0,063	0,302	-0,002	0,010	0,099	FALSE
-0,032	0,305	-0,001	0,012	0,033	FALSE
-0,014	0,304	0,000	0,009	0,007	FALSE
-0,035	0,308	-0,001	0,007	0,039	FALSE

-0,015	0,317	0,000	0,012	0,009	FALSE
0,004	0,316	0,001	0,011	0,017	FALSE
0,101	0,307	0,003	0,009	0,109	FALSE
-0,076	0,304	-0,002	0,007	0,092	FALSE
0,018	0,302	0,000	0,012	0,012	FALSE
0,000	0,318	0,000	0,007	0,004	FALSE
0,179	0,310	0,006	0,009	0,274	FALSE
0,033	0,297	0,000	0,009	0,007	FALSE
0,198	0,289	0,008	0,010	0,337	FALSE
-0,124	0,305	-0,005	0,011	0,183	FALSE
0,050	0,301	0,002	0,012	0,053	FALSE
0,026	0,302	0,002	0,010	0,066	FALSE
0,020	0,305	0,000	0,008	0,022	FALSE
0,021	0,316	0,000	0,008	0,020	FALSE
0,005	0,306	0,000	0,008	0,007	FALSE
0,057	0,299	0,002	0,008	0,088	FALSE
0,025	0,302	0,001	0,008	0,051	FALSE
-0,063	0,304	-0,001	0,008	0,057	FALSE
0,075	0,300	0,002	0,006	0,101	FALSE
-0,152	0,306	-0,004	0,008	0,216	FALSE
-0,007	0,318	0,000	0,010	0,014	FALSE
-0,095	0,310	-0,003	0,009	0,124	FALSE
0,043	0,313	0,002	0,011	0,053	FALSE
-0,027	0,316	-0,001	0,008	0,040	FALSE
-0,089	0,297	-0,002	0,008	0,091	FALSE
0,004	0,315	0,000	0,012	0,002	FALSE
-0,084	0,311	-0,002	0,010	0,095	FALSE
0,141	0,304	0,005	0,008	0,228	FALSE
0,083	0,301	0,003	0,013	0,094	FALSE
0,034	0,295	0,001	0,007	0,034	FALSE
0,009	0,303	0,001	0,009	0,023	FALSE
0,073	0,305	0,004	0,011	0,133	FALSE
0,003	0,302	0,000	0,007	0,014	FALSE
-0,137	0,294	-0,004	0,007	0,214	FALSE
0,040	0,304	0,000	0,008	0,010	FALSE
0,106	0,308	0,005	0,011	0,185	FALSE
-0,076	0,303	-0,002	0,007	0,104	FALSE
-0,088	0,307	-0,004	0,011	0,135	FALSE
-0,012	0,309	0,000	0,008	0,019	FALSE
-0,023	0,299	-0,001	0,007	0,033	FALSE
0,002	0,299	0,000	0,013	0,007	FALSE
-0,140	0,302	-0,003	0,006	0,171	FALSE
-0,048	0,310	-0,002	0,013	0,063	FALSE
0,024	0,308	0,001	0,011	0,029	FALSE
-0,127	0,287	-0,003	0,006	0,191	FALSE
-0,131	0,310	-0,003	0,007	0,180	FALSE
0,020	0,311	0,001	0,009	0,030	FALSE
0,078	0,293	0,002	0,008	0,079	FALSE
0,026	0,307	0,001	0,009	0,036	FALSE
-0,020	0,303	-0,001	0,011	0,024	FALSE
0,148	0,288	0,005	0,010	0,214	FALSE
0,097	0,309	0,004	0,012	0,124	FALSE
0,123	0,303	0,005	0,011	0,169	FALSE

0,143	0,302	0,005	0,012	0,180	FALSE
0,015	0,323	0,001	0,008	0,038	FALSE
0,101	0,302	0,003	0,010	0,120	FALSE
0,075	0,306	0,002	0,006	0,102	FALSE
0,016	0,318	0,001	0,009	0,044	FALSE
-0,118	0,300	-0,004	0,010	0,147	FALSE
-0,053	0,309	-0,002	0,011	0,075	FALSE
-0,130	0,309	-0,004	0,009	0,196	FALSE
0,064	0,307	0,002	0,008	0,076	FALSE
0,041	0,309	0,001	0,008	0,046	FALSE
-0,013	0,314	-0,001	0,013	0,017	FALSE
0,077	0,295	0,002	0,011	0,089	FALSE
-0,098	0,313	-0,003	0,009	0,144	FALSE
0,018	0,313	0,001	0,008	0,024	FALSE
0,000	0,320	0,000	0,010	0,001	FALSE
0,042	0,300	0,003	0,011	0,088	FALSE
-0,027	0,312	0,000	0,010	0,005	FALSE
0,036	0,309	0,002	0,010	0,063	FALSE
0,005	0,305	0,000	0,007	0,004	FALSE
0,059	0,294	0,002	0,009	0,077	FALSE
-0,013	0,300	0,000	0,010	0,006	FALSE
-0,113	0,307	-0,003	0,009	0,152	FALSE
0,071	0,295	0,002	0,007	0,106	FALSE
0,104	0,311	0,003	0,008	0,162	FALSE
-0,046	0,315	-0,002	0,011	0,056	FALSE
0,129	0,302	0,004	0,008	0,202	FALSE
-0,015	0,306	0,000	0,009	0,016	FALSE
0,124	0,296	0,004	0,008	0,212	FALSE
-0,056	0,300	-0,001	0,008	0,063	FALSE
-0,097	0,303	-0,004	0,012	0,148	FALSE
0,012	0,302	0,000	0,008	0,005	FALSE
-0,040	0,308	-0,002	0,012	0,064	FALSE
-0,109	0,297	-0,003	0,008	0,121	FALSE
-0,047	0,314	-0,001	0,008	0,053	FALSE
0,138	0,303	0,003	0,009	0,157	FALSE
-0,038	0,322	-0,002	0,013	0,058	FALSE
-0,016	0,329	0,000	0,009	0,015	FALSE
0,070	0,315	0,002	0,008	0,067	FALSE
-0,093	0,292	-0,002	0,007	0,121	FALSE
-0,220	0,297	-0,008	0,011	0,353	FALSE
-0,054	0,319	-0,001	0,008	0,060	FALSE
-0,042	0,305	-0,001	0,008	0,049	FALSE
0,125	0,302	0,002	0,006	0,154	FALSE
-0,035	0,303	-0,001	0,011	0,022	FALSE
0,031	0,299	0,001	0,013	0,023	FALSE
0,023	0,322	0,002	0,011	0,054	FALSE
-0,040	0,321	-0,002	0,013	0,056	FALSE
0,000	0,308	0,000	0,007	0,018	FALSE
0,004	0,310	0,000	0,011	0,015	FALSE
-0,050	0,310	-0,001	0,009	0,041	FALSE
-0,033	0,315	0,000	0,010	0,010	FALSE
-0,056	0,314	-0,001	0,008	0,066	FALSE
0,114	0,309	0,004	0,010	0,169	FALSE

0,063	0,308	0,002	0,009	0,066	FALSE
0,077	0,294	0,002	0,009	0,092	FALSE
-0,004	0,297	0,001	0,008	0,034	FALSE
0,055	0,289	0,003	0,012	0,084	FALSE
-0,099	0,303	-0,002	0,007	0,136	FALSE
-0,018	0,311	0,000	0,008	0,013	FALSE
0,060	0,310	0,001	0,008	0,060	FALSE
0,115	0,300	0,004	0,011	0,145	FALSE
0,058	0,306	0,001	0,006	0,087	FALSE
-0,010	0,298	0,000	0,007	0,023	FALSE
-0,058	0,304	-0,003	0,012	0,103	FALSE
-0,012	0,314	-0,001	0,010	0,029	FALSE
0,059	0,312	0,001	0,006	0,053	FALSE
-0,057	0,293	-0,001	0,006	0,057	FALSE
-0,070	0,298	-0,001	0,007	0,085	FALSE
0,064	0,284	0,003	0,012	0,100	FALSE
0,007	0,314	0,001	0,011	0,020	FALSE
0,007	0,328	0,000	0,012	0,006	FALSE
-0,009	0,312	0,000	0,010	0,006	FALSE
-0,005	0,326	0,000	0,007	0,007	FALSE
-0,072	0,301	-0,003	0,012	0,089	FALSE
-0,085	0,304	-0,002	0,007	0,085	FALSE
0,097	0,300	0,002	0,007	0,109	FALSE
0,014	0,303	0,001	0,008	0,031	FALSE
-0,035	0,314	-0,001	0,007	0,059	FALSE
0,035	0,312	0,000	0,013	0,012	FALSE
-0,036	0,306	-0,001	0,008	0,039	FALSE
-0,013	0,312	0,000	0,008	0,013	FALSE
-0,013	0,300	0,000	0,012	0,005	FALSE
-0,076	0,304	-0,002	0,008	0,079	FALSE
0,046	0,303	0,001	0,012	0,039	FALSE
-0,170	0,300	-0,007	0,012	0,234	FALSE
-0,054	0,309	-0,001	0,009	0,058	FALSE
0,092	0,293	0,002	0,008	0,125	FALSE
0,036	0,312	0,001	0,012	0,045	FALSE
0,106	0,303	0,003	0,008	0,129	FALSE
0,116	0,312	0,003	0,007	0,163	FALSE
-0,140	0,310	-0,004	0,008	0,196	FALSE
0,049	0,319	0,001	0,010	0,052	FALSE
0,006	0,292	0,000	0,011	0,016	FALSE
0,053	0,298	0,002	0,009	0,064	FALSE
-0,010	0,310	0,000	0,007	0,004	FALSE
0,053	0,317	0,002	0,013	0,055	FALSE
-0,047	0,312	-0,001	0,008	0,070	FALSE
-0,049	0,306	-0,001	0,008	0,055	FALSE
-0,044	0,304	-0,001	0,006	0,037	FALSE
-0,059	0,304	-0,001	0,006	0,078	FALSE
-0,092	0,318	-0,002	0,008	0,115	FALSE
0,006	0,300	0,000	0,007	0,019	FALSE
0,032	0,290	0,001	0,008	0,039	FALSE
0,020	0,305	0,001	0,007	0,053	FALSE
0,059	0,303	0,002	0,008	0,102	FALSE
0,014	0,303	0,001	0,008	0,034	FALSE

-0,033	0,310	0,000	0,012	0,013	FALSE
0,052	0,308	0,002	0,010	0,064	FALSE
-0,009	0,305	0,000	0,007	0,012	FALSE
0,046	0,301	0,002	0,012	0,073	FALSE
0,149	0,297	0,005	0,010	0,206	FALSE
0,072	0,323	0,003	0,014	0,070	FALSE
0,138	0,292	0,005	0,011	0,176	FALSE
-0,035	0,314	-0,002	0,013	0,043	FALSE
0,064	0,300	0,002	0,010	0,069	FALSE
0,016	0,301	0,001	0,013	0,033	FALSE
-0,075	0,322	-0,001	0,007	0,073	FALSE
0,051	0,316	0,001	0,007	0,072	FALSE
0,057	0,300	0,001	0,007	0,076	FALSE
0,039	0,312	0,001	0,012	0,042	FALSE
-0,033	0,314	-0,001	0,008	0,056	FALSE
-0,004	0,312	0,000	0,012	0,006	FALSE
-0,029	0,323	-0,001	0,013	0,032	FALSE
-0,024	0,314	-0,001	0,010	0,038	FALSE
-0,001	0,323	0,000	0,010	0,011	FALSE
-0,027	0,312	-0,001	0,010	0,042	FALSE
0,037	0,303	0,000	0,012	0,005	FALSE
0,035	0,318	0,001	0,007	0,058	FALSE
-0,084	0,313	-0,002	0,007	0,103	FALSE
-0,021	0,313	-0,001	0,009	0,036	FALSE
0,028	0,301	0,002	0,009	0,060	FALSE
0,065	0,307	0,002	0,009	0,064	FALSE
0,015	0,316	0,001	0,013	0,028	FALSE
-0,044	0,305	-0,002	0,013	0,059	FALSE
-0,027	0,299	-0,001	0,010	0,051	FALSE
0,059	0,312	0,002	0,009	0,069	FALSE
-0,062	0,302	-0,002	0,007	0,085	FALSE
0,105	0,304	0,004	0,013	0,131	FALSE
0,096	0,317	0,003	0,007	0,154	FALSE
-0,052	0,313	-0,002	0,009	0,068	FALSE
-0,046	0,323	-0,001	0,007	0,040	FALSE
-0,125	0,319	-0,005	0,013	0,153	FALSE
0,026	0,302	0,001	0,013	0,036	FALSE
-0,061	0,321	-0,001	0,008	0,066	FALSE
0,041	0,320	0,002	0,009	0,071	FALSE
0,033	0,312	0,001	0,008	0,042	FALSE
0,000	0,309	0,001	0,011	0,028	FALSE
-0,040	0,286	0,000	0,008	0,012	FALSE
0,045	0,292	0,001	0,012	0,033	FALSE
0,035	0,301	0,000	0,009	0,008	FALSE
0,039	0,304	0,001	0,009	0,023	FALSE
0,045	0,322	0,001	0,008	0,057	FALSE
0,082	0,294	0,002	0,008	0,098	FALSE
-0,045	0,312	-0,002	0,011	0,049	FALSE
-0,021	0,306	0,000	0,008	0,018	FALSE
-0,110	0,292	-0,005	0,011	0,175	FALSE
-0,104	0,303	-0,005	0,012	0,169	FALSE
0,040	0,311	0,001	0,010	0,047	FALSE
-0,076	0,282	-0,003	0,012	0,110	FALSE

-0,086	0,298	-0,002	0,008	0,112	FALSE
-0,089	0,322	-0,002	0,007	0,112	FALSE
-0,065	0,301	-0,001	0,006	0,090	FALSE
-0,007	0,298	0,000	0,010	0,013	FALSE
0,044	0,307	0,001	0,013	0,019	FALSE
-0,118	0,304	-0,005	0,013	0,154	FALSE
-0,133	0,303	-0,004	0,007	0,201	FALSE
-0,003	0,305	0,000	0,007	0,011	FALSE
0,129	0,301	0,003	0,008	0,155	FALSE
0,071	0,311	0,001	0,007	0,059	FALSE
0,062	0,301	0,003	0,012	0,099	FALSE
-0,113	0,314	-0,004	0,012	0,140	FALSE
-0,102	0,304	-0,003	0,010	0,133	FALSE
0,052	0,306	0,001	0,006	0,072	FALSE
-0,099	0,304	-0,002	0,008	0,109	FALSE
-0,127	0,320	-0,003	0,009	0,146	FALSE
0,102	0,300	0,003	0,009	0,148	FALSE
-0,047	0,315	-0,001	0,007	0,054	FALSE
0,044	0,298	0,002	0,010	0,074	FALSE
-0,003	0,316	0,000	0,008	0,004	FALSE
-0,073	0,323	-0,003	0,011	0,095	FALSE
-0,097	0,304	-0,004	0,012	0,119	FALSE
-0,064	0,305	-0,002	0,009	0,084	FALSE
-0,023	0,292	-0,001	0,008	0,026	FALSE
-0,037	0,310	-0,001	0,007	0,052	FALSE
0,071	0,305	0,004	0,013	0,112	FALSE
-0,003	0,299	0,000	0,006	0,003	FALSE
0,019	0,301	0,001	0,011	0,021	FALSE
0,022	0,317	0,001	0,007	0,060	FALSE
0,149	0,310	0,005	0,009	0,232	FALSE
0,147	0,300	0,004	0,007	0,231	FALSE
0,092	0,300	0,004	0,012	0,131	FALSE
-0,044	0,298	-0,001	0,008	0,049	FALSE
0,055	0,311	0,001	0,007	0,073	FALSE
0,096	0,308	0,002	0,006	0,150	FALSE
-0,003	0,315	0,000	0,009	0,004	FALSE
0,018	0,311	0,001	0,008	0,051	FALSE
-0,036	0,307	0,000	0,006	0,019	FALSE
0,036	0,312	0,001	0,009	0,045	FALSE
-0,113	0,313	-0,002	0,007	0,128	FALSE
-0,037	0,296	-0,001	0,006	0,040	FALSE
-0,091	0,330	-0,002	0,008	0,088	FALSE
-0,011	0,304	-0,001	0,007	0,035	FALSE
0,024	0,306	0,002	0,012	0,055	FALSE
0,012	0,306	0,001	0,012	0,042	FALSE
-0,084	0,305	-0,003	0,010	0,107	FALSE
0,036	0,309	0,001	0,012	0,028	FALSE
0,036	0,300	0,001	0,007	0,038	FALSE
0,003	0,292	0,000	0,007	0,003	FALSE
-0,025	0,290	-0,001	0,010	0,034	FALSE
-0,085	0,297	-0,004	0,012	0,121	FALSE
-0,093	0,306	-0,002	0,008	0,127	FALSE
-0,108	0,300	-0,003	0,008	0,143	FALSE

-0,109	0,289	-0,003	0,007	0,161	FALSE
0,008	0,310	0,000	0,011	0,010	FALSE
0,086	0,305	0,003	0,010	0,103	FALSE
-0,004	0,307	0,000	0,011	0,003	FALSE
-0,030	0,303	-0,001	0,007	0,036	FALSE
-0,015	0,316	0,000	0,006	0,010	FALSE
-0,079	0,296	-0,002	0,007	0,115	FALSE
0,077	0,302	0,004	0,011	0,159	FALSE
0,114	0,296	0,002	0,006	0,106	FALSE
0,023	0,298	0,000	0,011	0,003	FALSE
-0,051	0,318	-0,001	0,007	0,033	FALSE
-0,005	0,314	0,001	0,011	0,016	FALSE
-0,017	0,316	-0,001	0,013	0,033	FALSE
-0,091	0,313	-0,003	0,008	0,138	FALSE
-0,024	0,311	0,000	0,012	0,006	FALSE
-0,129	0,319	-0,003	0,008	0,154	FALSE
-0,034	0,315	-0,001	0,013	0,035	FALSE
0,109	0,290	0,003	0,009	0,143	FALSE
0,011	0,306	0,000	0,012	0,009	FALSE
-0,003	0,308	-0,001	0,012	0,027	FALSE
0,182	0,299	0,008	0,012	0,289	FALSE
-0,095	0,300	-0,004	0,011	0,143	FALSE
-0,052	0,301	-0,001	0,007	0,048	FALSE
0,130	0,295	0,005	0,012	0,181	FALSE
0,006	0,306	0,000	0,006	0,014	FALSE
0,038	0,303	0,001	0,007	0,052	FALSE
-0,068	0,303	-0,002	0,008	0,101	FALSE
0,045	0,317	0,002	0,011	0,063	FALSE
0,059	0,303	0,001	0,007	0,073	FALSE
0,065	0,298	0,002	0,007	0,090	FALSE
0,078	0,299	0,002	0,006	0,114	FALSE
0,157	0,294	0,006	0,013	0,206	FALSE
0,150	0,285	0,007	0,012	0,225	FALSE
0,043	0,313	0,001	0,007	0,061	FALSE
0,048	0,324	0,001	0,011	0,041	FALSE
0,005	0,325	0,000	0,009	0,011	FALSE
0,062	0,304	0,002	0,009	0,062	FALSE
-0,198	0,319	-0,007	0,011	0,273	FALSE
-0,010	0,306	0,000	0,008	0,004	FALSE
0,021	0,306	0,000	0,008	0,005	FALSE
0,033	0,310	0,001	0,008	0,024	FALSE
-0,005	0,302	0,001	0,013	0,031	FALSE
0,041	0,310	0,002	0,011	0,079	FALSE
0,046	0,290	0,001	0,012	0,042	FALSE
-0,101	0,300	-0,003	0,008	0,148	FALSE
0,044	0,319	0,001	0,007	0,056	FALSE
-0,018	0,303	-0,001	0,009	0,041	FALSE
0,025	0,310	0,000	0,009	0,019	FALSE
0,002	0,297	-0,001	0,012	0,029	FALSE
-0,022	0,303	-0,001	0,009	0,048	FALSE
0,053	0,305	0,002	0,011	0,078	FALSE
0,009	0,312	0,001	0,012	0,038	FALSE
-0,093	0,308	-0,003	0,007	0,156	FALSE

-0,032	0,315	0,000	0,007	0,021	FALSE
-0,053	0,315	-0,002	0,008	0,083	FALSE
-0,024	0,307	-0,001	0,009	0,046	FALSE
0,114	0,311	0,005	0,013	0,166	FALSE
-0,085	0,311	-0,003	0,010	0,123	FALSE
-0,009	0,301	0,000	0,008	0,018	FALSE
-0,118	0,310	-0,004	0,011	0,135	FALSE
-0,087	0,321	-0,002	0,007	0,094	FALSE
-0,008	0,303	-0,001	0,011	0,018	FALSE
-0,037	0,306	-0,001	0,011	0,041	FALSE
0,033	0,312	0,002	0,012	0,053	FALSE
0,077	0,298	0,002	0,009	0,094	FALSE
0,099	0,304	0,003	0,011	0,109	FALSE
0,062	0,285	0,002	0,012	0,071	FALSE
0,071	0,296	0,002	0,008	0,092	FALSE
0,005	0,311	0,000	0,006	0,005	FALSE
-0,036	0,320	-0,002	0,013	0,059	FALSE
-0,038	0,286	-0,001	0,012	0,023	FALSE
0,037	0,310	0,001	0,008	0,028	FALSE
-0,111	0,292	-0,003	0,008	0,173	FALSE
0,067	0,302	0,002	0,008	0,074	FALSE
0,036	0,320	0,001	0,008	0,049	FALSE
-0,022	0,307	-0,001	0,009	0,033	FALSE
0,087	0,292	0,002	0,007	0,108	FALSE
-0,013	0,301	0,000	0,010	0,006	FALSE
-0,188	0,293	-0,004	0,007	0,248	FALSE
0,054	0,307	0,003	0,012	0,089	FALSE
-0,163	0,301	-0,004	0,008	0,227	FALSE
0,029	0,292	0,001	0,007	0,072	FALSE
0,027	0,311	0,002	0,013	0,046	FALSE
0,013	0,304	0,001	0,013	0,017	FALSE
-0,104	0,298	-0,003	0,008	0,146	FALSE
0,022	0,294	0,002	0,012	0,055	FALSE
-0,118	0,293	-0,005	0,011	0,169	FALSE
0,022	0,311	0,001	0,007	0,044	FALSE
-0,040	0,302	-0,001	0,013	0,027	FALSE
0,097	0,307	0,002	0,008	0,118	FALSE
0,056	0,314	0,002	0,007	0,089	FALSE
0,140	0,297	0,003	0,007	0,169	FALSE
0,030	0,304	0,001	0,013	0,021	FALSE
-0,126	0,300	-0,005	0,011	0,168	FALSE
0,138	0,302	0,003	0,007	0,177	FALSE
-0,010	0,318	0,000	0,009	0,000	FALSE
0,011	0,313	0,000	0,009	0,006	FALSE
-0,115	0,295	-0,004	0,008	0,198	FALSE
0,074	0,312	0,001	0,007	0,075	FALSE
0,018	0,304	0,001	0,011	0,026	FALSE
-0,035	0,303	-0,001	0,013	0,025	FALSE
-0,059	0,306	-0,002	0,010	0,064	FALSE
0,021	0,308	0,001	0,008	0,057	FALSE
-0,174	0,305	-0,006	0,011	0,224	FALSE
0,020	0,322	0,000	0,011	0,011	FALSE
0,008	0,314	0,000	0,008	0,021	FALSE

-0,071	0,300	-0,002	0,010	0,079	FALSE
0,097	0,304	0,003	0,009	0,126	FALSE
-0,065	0,317	-0,003	0,012	0,088	FALSE
-0,001	0,299	0,000	0,009	0,001	FALSE
-0,026	0,302	-0,001	0,008	0,052	FALSE
0,031	0,322	0,001	0,013	0,034	FALSE
-0,127	0,297	-0,003	0,007	0,154	FALSE
0,032	0,319	0,001	0,010	0,046	FALSE
0,017	0,307	0,001	0,009	0,024	FALSE
0,047	0,305	0,001	0,009	0,062	FALSE
-0,079	0,309	-0,003	0,011	0,114	FALSE
0,032	0,293	0,000	0,009	0,018	FALSE
0,084	0,311	0,003	0,010	0,098	FALSE
-0,092	0,288	-0,002	0,008	0,112	FALSE
0,071	0,316	0,003	0,013	0,083	FALSE
0,119	0,306	0,004	0,013	0,134	FALSE
0,049	0,299	0,001	0,008	0,058	FALSE
-0,118	0,307	-0,003	0,007	0,152	FALSE
0,082	0,301	0,003	0,008	0,136	FALSE
0,113	0,298	0,003	0,008	0,167	FALSE
-0,005	0,302	0,000	0,010	0,006	FALSE
0,060	0,300	0,001	0,008	0,071	FALSE
0,081	0,306	0,002	0,007	0,118	FALSE
0,114	0,314	0,003	0,009	0,128	FALSE
-0,188	0,297	-0,005	0,009	0,250	FALSE
-0,052	0,302	-0,003	0,012	0,083	FALSE
-0,036	0,302	-0,001	0,007	0,045	FALSE
-0,073	0,313	-0,002	0,008	0,092	FALSE
0,049	0,315	0,001	0,009	0,041	FALSE
-0,155	0,307	-0,004	0,008	0,202	FALSE
0,007	0,323	0,001	0,010	0,029	FALSE
-0,090	0,304	-0,003	0,009	0,125	FALSE
0,177	0,299	0,004	0,008	0,228	FALSE
0,174	0,304	0,005	0,009	0,233	FALSE
0,004	0,319	0,000	0,006	0,012	FALSE
0,121	0,312	0,005	0,012	0,156	FALSE
0,110	0,293	0,002	0,006	0,140	FALSE
-0,059	0,300	-0,001	0,007	0,065	FALSE
-0,117	0,306	-0,005	0,012	0,173	FALSE
-0,042	0,295	-0,001	0,007	0,042	FALSE
-0,023	0,302	-0,001	0,011	0,047	FALSE
0,060	0,304	0,002	0,008	0,079	FALSE
0,029	0,306	0,001	0,008	0,040	FALSE
0,131	0,313	0,004	0,009	0,167	FALSE
0,048	0,323	0,002	0,008	0,082	FALSE
0,017	0,311	0,000	0,010	0,008	FALSE
0,070	0,317	0,001	0,007	0,053	FALSE
0,012	0,309	0,000	0,007	0,002	FALSE
-0,133	0,299	-0,005	0,011	0,202	FALSE
0,085	0,314	0,003	0,009	0,118	FALSE
0,062	0,303	0,002	0,010	0,068	FALSE
-0,098	0,304	-0,001	0,006	0,089	FALSE
-0,006	0,319	0,000	0,008	0,006	FALSE

0,109	0,308	0,005	0,013	0,144	FALSE
0,076	0,320	0,002	0,010	0,078	FALSE
-0,024	0,309	-0,001	0,013	0,031	FALSE
0,081	0,321	0,002	0,010	0,074	FALSE
0,052	0,318	0,002	0,011	0,069	FALSE
-0,039	0,306	-0,002	0,012	0,072	FALSE
-0,012	0,305	0,000	0,009	0,011	FALSE
0,064	0,305	0,002	0,007	0,106	FALSE
0,000	0,291	0,001	0,007	0,037	FALSE
0,082	0,296	0,003	0,008	0,135	FALSE
0,132	0,301	0,003	0,007	0,157	FALSE
0,011	0,288	0,000	0,012	0,005	FALSE
0,148	0,312	0,005	0,010	0,194	FALSE
0,125	0,306	0,003	0,008	0,154	FALSE
-0,020	0,320	0,000	0,007	0,022	FALSE
0,234	0,302	0,008	0,010	0,380	FALSE
0,110	0,295	0,005	0,012	0,156	FALSE
0,083	0,297	0,003	0,009	0,131	FALSE
0,052	0,305	0,001	0,007	0,036	FALSE
-0,024	0,300	-0,001	0,012	0,029	FALSE
-0,087	0,311	-0,002	0,008	0,089	FALSE
0,048	0,323	0,001	0,009	0,055	FALSE
-0,130	0,295	-0,005	0,011	0,196	FALSE
-0,043	0,300	-0,002	0,011	0,054	FALSE
-0,160	0,282	-0,003	0,007	0,223	FALSE
0,032	0,320	0,001	0,013	0,037	FALSE
-0,019	0,304	-0,001	0,008	0,023	FALSE
-0,048	0,311	-0,001	0,006	0,038	FALSE
0,086	0,307	0,002	0,007	0,116	FALSE
-0,063	0,306	-0,001	0,006	0,075	FALSE
0,052	0,302	0,001	0,007	0,069	FALSE
-0,043	0,302	-0,002	0,012	0,071	FALSE
0,068	0,308	0,002	0,011	0,062	FALSE
0,025	0,319	0,001	0,008	0,025	FALSE
0,017	0,310	0,001	0,013	0,043	FALSE
0,036	0,302	0,001	0,011	0,026	FALSE
0,052	0,311	0,001	0,007	0,059	FALSE
0,069	0,323	0,001	0,008	0,048	FALSE
-0,058	0,291	-0,002	0,010	0,078	FALSE
0,033	0,311	0,002	0,012	0,047	FALSE
-0,016	0,301	-0,001	0,011	0,036	FALSE
-0,002	0,310	0,000	0,010	0,002	FALSE
-0,073	0,295	-0,002	0,008	0,100	FALSE
-0,065	0,294	-0,002	0,009	0,098	FALSE
-0,014	0,317	0,000	0,007	0,002	FALSE
-0,045	0,316	-0,001	0,009	0,047	FALSE
0,002	0,303	0,000	0,012	0,008	FALSE
0,036	0,295	0,001	0,010	0,037	FALSE
-0,015	0,319	0,000	0,010	0,007	FALSE
0,033	0,303	0,001	0,011	0,040	FALSE
-0,188	0,296	-0,007	0,012	0,250	FALSE
0,057	0,308	0,001	0,007	0,076	FALSE
0,088	0,294	0,002	0,007	0,118	FALSE

-0,007	0,289	0,000	0,012	0,006	FALSE
-0,087	0,305	-0,002	0,007	0,083	FALSE
-0,001	0,311	0,000	0,006	0,015	FALSE
-0,037	0,292	0,000	0,008	0,019	FALSE
-0,065	0,305	-0,002	0,011	0,086	FALSE
0,088	0,310	0,002	0,008	0,090	FALSE
0,040	0,313	0,002	0,012	0,046	FALSE
0,132	0,300	0,004	0,009	0,174	FALSE
0,045	0,306	0,002	0,011	0,064	FALSE
-0,110	0,305	-0,005	0,011	0,162	FALSE
0,026	0,301	0,001	0,009	0,044	FALSE
-0,057	0,306	-0,002	0,007	0,089	FALSE
0,051	0,310	0,001	0,007	0,076	FALSE
-0,015	0,307	0,000	0,007	0,018	FALSE
0,144	0,296	0,003	0,006	0,175	FALSE
0,099	0,304	0,003	0,010	0,140	FALSE
0,239	0,288	0,005	0,007	0,332	FALSE
-0,071	0,301	-0,002	0,009	0,085	FALSE
-0,010	0,294	-0,002	0,013	0,059	FALSE
-0,061	0,313	-0,001	0,013	0,034	FALSE
-0,008	0,300	-0,002	0,013	0,056	FALSE
-0,182	0,293	-0,004	0,006	0,290	FALSE
-0,170	0,316	-0,004	0,008	0,235	FALSE
-0,128	0,310	-0,005	0,011	0,184	FALSE
0,059	0,301	0,001	0,007	0,066	FALSE
0,162	0,299	0,004	0,007	0,216	FALSE
-0,192	0,309	-0,007	0,012	0,280	FALSE
-0,017	0,309	0,000	0,009	0,003	FALSE
0,054	0,304	0,002	0,011	0,072	FALSE
-0,086	0,306	-0,003	0,013	0,099	FALSE
0,064	0,317	0,002	0,009	0,071	FALSE
0,069	0,306	0,002	0,009	0,071	FALSE
-0,028	0,322	-0,001	0,011	0,019	FALSE
0,179	0,303	0,005	0,008	0,256	FALSE
-0,110	0,297	-0,005	0,012	0,159	FALSE
-0,118	0,302	-0,005	0,013	0,173	FALSE
-0,060	0,309	-0,002	0,012	0,070	FALSE
0,045	0,310	0,001	0,009	0,056	FALSE
0,056	0,317	0,001	0,006	0,066	FALSE
-0,003	0,316	0,000	0,009	0,012	FALSE
0,089	0,300	0,004	0,013	0,117	FALSE
0,001	0,311	0,000	0,009	0,010	FALSE
0,093	0,309	0,003	0,012	0,099	FALSE
-0,040	0,332	-0,001	0,011	0,024	FALSE
0,035	0,322	0,002	0,013	0,044	FALSE
-0,035	0,315	-0,001	0,008	0,035	FALSE
0,072	0,305	0,002	0,008	0,079	FALSE
0,009	0,299	0,001	0,012	0,017	FALSE
-0,099	0,302	-0,003	0,008	0,148	FALSE
-0,014	0,316	0,000	0,007	0,021	FALSE
-0,013	0,305	0,000	0,010	0,010	FALSE
-0,146	0,309	-0,006	0,010	0,224	FALSE
-0,042	0,302	-0,001	0,008	0,062	FALSE

0,074	0,303	0,002	0,008	0,078	FALSE
0,077	0,311	0,003	0,013	0,102	FALSE
0,053	0,307	0,002	0,013	0,059	FALSE
-0,011	0,301	0,000	0,008	0,010	FALSE
-0,176	0,297	-0,007	0,013	0,233	FALSE
-0,103	0,310	-0,003	0,009	0,111	FALSE
-0,063	0,301	-0,002	0,008	0,070	FALSE
0,009	0,299	0,000	0,012	0,004	FALSE
-0,095	0,298	-0,004	0,008	0,180	FALSE
-0,043	0,313	-0,001	0,007	0,030	FALSE
0,086	0,315	0,002	0,007	0,110	FALSE
-0,048	0,298	-0,001	0,007	0,041	FALSE
-0,068	0,315	-0,003	0,012	0,096	FALSE
0,003	0,324	0,000	0,008	0,009	FALSE
0,005	0,316	0,000	0,007	0,024	FALSE
-0,081	0,306	-0,003	0,010	0,142	FALSE
0,084	0,298	0,003	0,008	0,160	FALSE
-0,009	0,317	-0,001	0,013	0,031	FALSE
-0,023	0,301	-0,001	0,008	0,042	FALSE
-0,034	0,311	-0,001	0,013	0,040	FALSE
-0,158	0,306	-0,004	0,009	0,192	FALSE
-0,093	0,307	-0,001	0,007	0,068	FALSE
0,056	0,317	0,002	0,013	0,054	FALSE
-0,008	0,315	-0,001	0,007	0,034	FALSE
-0,126	0,309	-0,004	0,013	0,135	FALSE
-0,002	0,310	0,000	0,013	0,006	FALSE
0,026	0,298	0,001	0,007	0,039	FALSE
0,048	0,316	0,002	0,011	0,072	FALSE
-0,010	0,310	0,000	0,011	0,006	FALSE
0,087	0,304	0,003	0,010	0,131	FALSE
-0,163	0,301	-0,004	0,007	0,237	FALSE
0,048	0,311	0,002	0,010	0,088	FALSE
0,061	0,308	0,002	0,008	0,084	FALSE
0,128	0,299	0,004	0,009	0,168	FALSE
0,086	0,293	0,003	0,009	0,114	FALSE
-0,017	0,322	-0,001	0,013	0,028	FALSE
0,025	0,297	0,001	0,012	0,023	FALSE
-0,027	0,302	-0,001	0,009	0,045	FALSE
-0,035	0,311	-0,001	0,009	0,024	FALSE
-0,006	0,319	0,000	0,011	0,009	FALSE
0,092	0,311	0,002	0,009	0,109	FALSE
0,013	0,321	0,001	0,013	0,015	FALSE
-0,100	0,320	-0,002	0,007	0,115	FALSE
-0,034	0,321	0,000	0,009	0,018	FALSE
-0,057	0,316	-0,004	0,013	0,117	FALSE
0,066	0,300	0,003	0,012	0,099	FALSE
0,021	0,295	0,000	0,008	0,020	FALSE
0,084	0,302	0,003	0,009	0,140	FALSE
0,083	0,299	0,002	0,008	0,109	FALSE
0,056	0,306	0,001	0,007	0,082	FALSE
-0,054	0,319	-0,002	0,012	0,067	FALSE
0,056	0,311	0,001	0,006	0,083	FALSE
0,007	0,299	0,000	0,006	0,017	FALSE

-0,055	0,311	-0,003	0,010	0,110	FALSE
-0,142	0,303	-0,004	0,008	0,188	FALSE
0,073	0,308	0,002	0,009	0,077	FALSE
-0,100	0,310	-0,003	0,010	0,141	FALSE
-0,070	0,312	-0,002	0,008	0,072	FALSE
-0,124	0,324	-0,004	0,010	0,156	FALSE
0,159	0,328	0,004	0,007	0,226	FALSE
-0,055	0,305	-0,002	0,013	0,066	FALSE
-0,032	0,309	-0,001	0,008	0,050	FALSE
-0,133	0,314	-0,003	0,007	0,185	FALSE
-0,107	0,305	-0,003	0,007	0,138	FALSE
-0,031	0,304	-0,001	0,008	0,036	FALSE
0,036	0,312	0,001	0,009	0,029	FALSE
0,031	0,300	0,001	0,007	0,046	FALSE
0,174	0,305	0,005	0,009	0,222	FALSE
-0,147	0,293	-0,005	0,010	0,210	FALSE
-0,032	0,310	-0,002	0,011	0,064	FALSE
0,002	0,313	0,000	0,008	0,009	FALSE
0,045	0,299	0,002	0,012	0,060	FALSE
0,105	0,311	0,003	0,011	0,125	FALSE
0,043	0,328	0,002	0,013	0,046	FALSE
-0,034	0,309	-0,001	0,008	0,041	FALSE
0,091	0,308	0,003	0,007	0,140	FALSE
0,000	0,306	0,000	0,007	0,021	FALSE
-0,010	0,310	0,000	0,008	0,004	FALSE
-0,008	0,313	0,000	0,006	0,027	FALSE
-0,027	0,305	-0,002	0,011	0,050	FALSE
0,073	0,283	0,005	0,012	0,150	FALSE
0,020	0,309	0,000	0,007	0,019	FALSE
-0,063	0,314	-0,002	0,010	0,066	FALSE
0,036	0,298	0,001	0,007	0,061	FALSE
-0,072	0,300	-0,001	0,007	0,070	FALSE
-0,089	0,311	-0,003	0,012	0,106	FALSE
0,034	0,325	0,000	0,007	0,018	FALSE
-0,075	0,304	-0,002	0,008	0,084	FALSE
-0,096	0,301	-0,004	0,010	0,143	FALSE
0,084	0,295	0,001	0,007	0,074	FALSE
0,070	0,304	0,002	0,013	0,061	FALSE
-0,051	0,291	-0,001	0,012	0,043	FALSE
-0,048	0,301	-0,001	0,010	0,038	FALSE
0,118	0,312	0,004	0,010	0,168	FALSE
-0,022	0,306	-0,001	0,008	0,022	FALSE
0,079	0,302	0,002	0,009	0,084	FALSE
0,107	0,310	0,003	0,009	0,133	FALSE
-0,122	0,313	-0,003	0,007	0,181	FALSE
0,046	0,296	0,002	0,012	0,075	FALSE
-0,004	0,310	-0,001	0,008	0,023	FALSE
0,088	0,303	0,002	0,010	0,095	FALSE
0,012	0,300	0,000	0,007	0,000	FALSE
0,006	0,323	0,000	0,011	0,011	FALSE
0,016	0,306	0,000	0,008	0,003	FALSE
0,130	0,318	0,003	0,008	0,167	FALSE
0,053	0,307	0,001	0,006	0,082	FALSE

0,089	0,299	0,003	0,010	0,119	FALSE
0,066	0,308	0,002	0,012	0,072	FALSE
0,057	0,303	0,002	0,013	0,065	FALSE
0,009	0,300	0,000	0,013	0,003	FALSE
-0,141	0,311	-0,003	0,008	0,171	FALSE
0,140	0,316	0,004	0,008	0,217	FALSE
0,049	0,303	0,002	0,013	0,048	FALSE
-0,005	0,305	0,000	0,007	0,004	FALSE
0,020	0,309	0,001	0,013	0,019	FALSE
-0,032	0,313	-0,001	0,006	0,046	FALSE
-0,169	0,303	-0,004	0,008	0,244	FALSE
0,023	0,316	0,000	0,008	0,009	FALSE
-0,006	0,295	0,000	0,008	0,008	FALSE
0,033	0,300	0,001	0,007	0,059	FALSE
0,046	0,306	0,001	0,007	0,059	FALSE
0,045	0,303	0,001	0,008	0,062	FALSE
-0,042	0,321	-0,002	0,012	0,057	FALSE
0,053	0,298	0,001	0,006	0,070	FALSE
0,055	0,314	0,002	0,012	0,073	FALSE
-0,033	0,317	-0,002	0,013	0,071	FALSE
-0,112	0,297	-0,003	0,008	0,140	FALSE
-0,070	0,307	-0,003	0,009	0,105	FALSE
-0,077	0,314	-0,003	0,010	0,102	FALSE
-0,013	0,323	-0,001	0,007	0,030	FALSE
-0,035	0,322	-0,001	0,012	0,031	FALSE
0,041	0,315	0,001	0,010	0,041	FALSE
0,170	0,303	0,005	0,009	0,215	FALSE
0,068	0,312	0,002	0,012	0,066	FALSE
0,064	0,302	0,002	0,007	0,100	FALSE
0,020	0,315	0,000	0,008	0,019	FALSE
0,207	0,287	0,010	0,012	0,368	FALSE
-0,089	0,302	-0,004	0,011	0,136	FALSE
-0,062	0,312	-0,001	0,007	0,075	FALSE
-0,083	0,310	-0,004	0,011	0,155	FALSE
0,085	0,299	0,003	0,013	0,080	FALSE
0,008	0,295	0,001	0,009	0,043	FALSE
-0,078	0,313	-0,002	0,008	0,127	FALSE
-0,016	0,310	-0,001	0,011	0,034	FALSE
0,028	0,299	0,001	0,009	0,025	FALSE
0,239	0,302	0,007	0,009	0,370	FALSE
-0,097	0,312	-0,003	0,009	0,141	FALSE
-0,031	0,315	-0,001	0,010	0,038	FALSE
-0,004	0,320	0,000	0,008	0,005	FALSE
-0,071	0,308	-0,002	0,011	0,076	FALSE
-0,066	0,298	-0,002	0,010	0,077	FALSE
0,062	0,315	0,002	0,009	0,079	FALSE
0,003	0,300	0,000	0,008	0,001	FALSE
0,020	0,306	0,001	0,011	0,045	FALSE
-0,033	0,304	-0,002	0,013	0,064	FALSE
0,030	0,307	0,001	0,012	0,039	FALSE
-0,025	0,310	-0,001	0,011	0,035	FALSE
0,060	0,305	0,002	0,009	0,077	FALSE
-0,025	0,303	-0,001	0,010	0,041	FALSE

-0,045	0,311	-0,001	0,007	0,074	FALSE
0,014	0,309	0,000	0,010	0,005	FALSE
-0,027	0,303	0,000	0,006	0,024	FALSE
-0,058	0,321	-0,001	0,007	0,063	FALSE
-0,017	0,310	0,000	0,010	0,013	FALSE
-0,028	0,306	-0,001	0,008	0,036	FALSE
-0,035	0,307	-0,001	0,007	0,045	FALSE
0,135	0,300	0,005	0,013	0,158	FALSE
-0,028	0,308	-0,001	0,007	0,054	FALSE
0,046	0,298	0,002	0,009	0,073	FALSE
0,007	0,305	0,000	0,012	0,008	FALSE
0,002	0,310	0,000	0,011	0,004	FALSE
-0,045	0,292	-0,001	0,006	0,056	FALSE
0,098	0,308	0,003	0,011	0,121	FALSE
-0,019	0,309	-0,001	0,008	0,030	FALSE
0,078	0,299	0,002	0,007	0,089	TRUE
-0,031	0,305	-0,001	0,007	0,041	FALSE
0,051	0,306	0,001	0,008	0,054	FALSE
0,046	0,318	0,002	0,010	0,060	FALSE
0,033	0,297	0,002	0,010	0,072	FALSE
0,011	0,317	0,000	0,013	0,013	FALSE
-0,125	0,300	-0,004	0,011	0,130	FALSE
0,053	0,306	0,001	0,011	0,042	FALSE
-0,070	0,318	-0,002	0,010	0,098	FALSE
-0,080	0,304	-0,002	0,007	0,117	FALSE
-0,027	0,318	-0,001	0,012	0,044	FALSE
0,002	0,299	-0,001	0,012	0,030	FALSE
-0,145	0,298	-0,004	0,012	0,139	FALSE
-0,014	0,304	0,000	0,006	0,008	FALSE
-0,004	0,306	0,000	0,013	0,014	FALSE
-0,097	0,296	-0,003	0,008	0,159	FALSE
-0,088	0,307	-0,003	0,009	0,140	FALSE
-0,003	0,307	0,000	0,008	0,013	FALSE
0,011	0,309	0,000	0,006	0,018	FALSE
-0,142	0,294	-0,005	0,010	0,215	FALSE
-0,068	0,314	-0,003	0,012	0,083	FALSE
-0,088	0,304	-0,003	0,010	0,109	FALSE
0,187	0,318	0,008	0,013	0,254	FALSE
-0,018	0,320	-0,001	0,008	0,046	FALSE
-0,024	0,291	-0,001	0,013	0,036	FALSE
-0,037	0,304	-0,002	0,010	0,056	FALSE
0,049	0,308	0,002	0,007	0,093	FALSE
-0,109	0,309	-0,003	0,009	0,131	FALSE
-0,007	0,299	0,000	0,006	0,017	FALSE
-0,078	0,316	-0,003	0,011	0,106	FALSE
-0,040	0,311	-0,001	0,008	0,044	FALSE
-0,031	0,311	-0,001	0,008	0,035	FALSE
-0,055	0,307	-0,002	0,008	0,078	FALSE
-0,115	0,306	-0,004	0,012	0,143	FALSE
0,089	0,293	0,003	0,011	0,121	FALSE
0,002	0,310	0,000	0,007	0,007	FALSE
-0,009	0,300	0,000	0,007	0,020	FALSE
0,055	0,295	0,001	0,008	0,042	FALSE

0,071	0,300	0,001	0,007	0,074	FALSE
0,047	0,319	0,002	0,013	0,047	FALSE
0,039	0,316	0,001	0,010	0,036	FALSE
-0,087	0,301	-0,002	0,007	0,119	FALSE
-0,138	0,292	-0,003	0,008	0,178	FALSE
0,050	0,312	0,001	0,013	0,037	FALSE
-0,003	0,313	0,000	0,007	0,012	FALSE
-0,050	0,297	-0,002	0,012	0,048	FALSE
0,051	0,325	0,001	0,009	0,037	FALSE
-0,059	0,299	-0,003	0,011	0,116	FALSE
-0,019	0,294	0,000	0,009	0,009	FALSE
-0,019	0,313	0,000	0,010	0,010	FALSE
0,037	0,307	0,001	0,009	0,039	FALSE
-0,012	0,313	0,000	0,011	0,002	FALSE
-0,056	0,307	-0,002	0,012	0,058	FALSE
0,005	0,302	-0,001	0,007	0,027	FALSE
0,118	0,305	0,003	0,008	0,146	FALSE
-0,015	0,300	-0,001	0,013	0,040	FALSE
0,014	0,307	0,000	0,008	0,008	FALSE
-0,013	0,321	-0,001	0,013	0,026	FALSE
0,067	0,311	0,002	0,008	0,100	FALSE
-0,097	0,308	-0,003	0,008	0,153	FALSE
-0,040	0,313	-0,001	0,010	0,048	FALSE
-0,081	0,312	-0,002	0,006	0,092	FALSE
0,032	0,305	0,000	0,010	0,006	FALSE
0,002	0,307	0,000	0,008	0,010	FALSE
0,054	0,307	0,002	0,010	0,065	FALSE
0,001	0,319	0,000	0,009	0,003	FALSE
-0,050	0,303	-0,002	0,011	0,067	FALSE
0,002	0,306	0,000	0,010	0,016	FALSE
-0,177	0,301	-0,005	0,009	0,252	FALSE
-0,113	0,288	-0,004	0,008	0,212	FALSE
0,069	0,314	0,002	0,009	0,076	FALSE
0,056	0,321	0,002	0,011	0,059	FALSE
-0,024	0,283	0,000	0,009	0,010	FALSE
-0,090	0,313	-0,002	0,008	0,091	FALSE
0,075	0,312	0,003	0,008	0,117	FALSE
0,073	0,305	0,002	0,007	0,097	FALSE
-0,043	0,305	-0,001	0,010	0,056	FALSE
-0,049	0,304	-0,001	0,006	0,066	FALSE
0,057	0,301	0,001	0,007	0,071	FALSE
0,015	0,306	0,001	0,012	0,025	FALSE
-0,062	0,284	-0,002	0,010	0,074	FALSE
-0,100	0,298	-0,002	0,007	0,133	FALSE
0,079	0,294	0,003	0,011	0,098	FALSE
0,115	0,312	0,002	0,007	0,126	FALSE
0,151	0,291	0,003	0,007	0,188	FALSE
0,053	0,303	0,002	0,012	0,062	FALSE
-0,054	0,305	-0,001	0,010	0,039	FALSE
-0,118	0,287	-0,005	0,012	0,153	FALSE
-0,165	0,300	-0,006	0,010	0,250	FALSE
0,040	0,305	0,001	0,009	0,042	FALSE
0,066	0,298	0,004	0,011	0,136	FALSE

0,042	0,304	0,002	0,011	0,077	FALSE
0,048	0,303	0,002	0,007	0,087	FALSE
-0,043	0,302	-0,002	0,009	0,060	FALSE
0,029	0,301	0,000	0,008	0,022	FALSE
0,083	0,293	0,002	0,007	0,103	FALSE
0,011	0,315	0,000	0,010	0,009	FALSE
0,006	0,296	0,001	0,011	0,018	FALSE
-0,109	0,304	-0,003	0,008	0,133	FALSE
-0,105	0,314	-0,003	0,009	0,119	FALSE
0,023	0,313	0,001	0,011	0,038	FALSE
-0,173	0,312	-0,004	0,007	0,252	FALSE
0,006	0,307	0,000	0,006	0,003	FALSE
-0,038	0,308	-0,002	0,013	0,053	FALSE
0,012	0,307	0,000	0,011	0,000	FALSE
-0,010	0,303	-0,001	0,011	0,030	FALSE
-0,162	0,310	-0,005	0,010	0,237	FALSE
0,003	0,315	-0,001	0,011	0,017	FALSE
0,054	0,306	0,001	0,010	0,022	FALSE
0,028	0,298	0,001	0,007	0,073	FALSE
0,045	0,287	0,003	0,012	0,089	FALSE
0,097	0,305	0,005	0,013	0,151	FALSE
0,079	0,296	0,002	0,009	0,096	FALSE
-0,071	0,306	-0,001	0,008	0,063	FALSE
-0,025	0,318	-0,001	0,008	0,055	FALSE
0,118	0,303	0,003	0,007	0,159	FALSE
-0,092	0,315	-0,003	0,009	0,111	FALSE
0,021	0,301	0,001	0,006	0,040	FALSE
0,040	0,313	0,001	0,007	0,045	FALSE
-0,037	0,301	-0,002	0,010	0,092	FALSE
-0,024	0,305	-0,002	0,010	0,071	FALSE
-0,075	0,302	-0,002	0,008	0,088	FALSE
0,109	0,304	0,004	0,012	0,119	FALSE
-0,145	0,314	-0,004	0,009	0,197	FALSE
-0,088	0,292	-0,003	0,010	0,108	FALSE
0,056	0,311	0,002	0,007	0,083	FALSE
-0,065	0,306	-0,002	0,007	0,110	FALSE
0,030	0,306	0,001	0,008	0,033	FALSE
0,022	0,322	0,000	0,008	0,018	FALSE
-0,011	0,316	0,000	0,011	0,014	FALSE
0,118	0,295	0,003	0,007	0,170	FALSE
-0,091	0,305	-0,002	0,007	0,126	FALSE
-0,138	0,304	-0,005	0,012	0,170	FALSE
-0,128	0,307	-0,005	0,012	0,168	FALSE
-0,056	0,323	-0,002	0,011	0,058	FALSE
0,001	0,304	0,000	0,009	0,015	FALSE
0,120	0,288	0,003	0,008	0,155	FALSE
-0,187	0,304	-0,007	0,010	0,301	FALSE
-0,018	0,312	0,000	0,011	0,004	FALSE
0,027	0,323	0,001	0,009	0,055	FALSE
-0,027	0,317	-0,001	0,008	0,022	FALSE
-0,019	0,309	0,000	0,009	0,016	FALSE
-0,026	0,325	-0,001	0,008	0,037	FALSE
0,047	0,309	0,001	0,008	0,042	FALSE

0,027	0,302	0,001	0,008	0,027	FALSE
0,029	0,319	0,001	0,007	0,041	FALSE
0,036	0,312	0,001	0,008	0,060	FALSE
-0,008	0,294	0,000	0,009	0,005	FALSE
0,018	0,311	0,000	0,007	0,014	FALSE
-0,071	0,300	-0,003	0,011	0,103	FALSE
0,023	0,301	0,002	0,012	0,054	FALSE
-0,036	0,292	-0,002	0,009	0,066	FALSE
-0,070	0,295	-0,003	0,010	0,121	FALSE
0,046	0,310	0,001	0,008	0,042	FALSE
-0,055	0,307	-0,001	0,008	0,064	FALSE
0,003	0,296	0,000	0,009	0,001	FALSE
-0,080	0,296	-0,003	0,009	0,104	FALSE
0,058	0,318	0,002	0,013	0,050	FALSE
-0,073	0,304	-0,002	0,008	0,104	FALSE
0,156	0,295	0,005	0,009	0,221	FALSE
-0,057	0,299	-0,002	0,010	0,087	FALSE
0,114	0,308	0,005	0,013	0,154	FALSE
0,113	0,315	0,003	0,007	0,165	FALSE
0,138	0,301	0,005	0,010	0,199	FALSE
0,044	0,294	0,000	0,011	0,007	FALSE
0,089	0,301	0,002	0,012	0,069	FALSE
0,013	0,311	0,000	0,008	0,003	FALSE
0,046	0,314	0,001	0,006	0,089	FALSE
0,082	0,325	0,002	0,007	0,116	FALSE
0,047	0,312	0,002	0,011	0,055	FALSE
-0,071	0,316	-0,002	0,007	0,078	FALSE
0,061	0,297	0,002	0,008	0,086	FALSE
0,032	0,296	0,000	0,007	0,016	FALSE
-0,094	0,287	-0,003	0,008	0,134	FALSE
0,002	0,305	0,000	0,012	0,000	FALSE
-0,130	0,306	-0,003	0,008	0,180	FALSE
0,006	0,314	-0,001	0,008	0,025	FALSE
-0,021	0,320	0,000	0,007	0,017	FALSE
-0,021	0,304	-0,001	0,012	0,018	FALSE
-0,124	0,301	-0,004	0,009	0,172	FALSE
-0,047	0,308	-0,001	0,010	0,054	FALSE
0,172	0,300	0,007	0,012	0,241	FALSE
0,074	0,300	0,003	0,008	0,132	FALSE
0,098	0,298	0,002	0,006	0,148	FALSE
-0,108	0,293	-0,005	0,012	0,156	FALSE
0,039	0,303	0,002	0,009	0,061	FALSE
-0,131	0,307	-0,006	0,013	0,176	FALSE
-0,117	0,313	-0,005	0,013	0,154	FALSE
-0,030	0,320	-0,001	0,013	0,041	FALSE
-0,031	0,315	0,000	0,007	0,010	FALSE
-0,097	0,303	-0,003	0,011	0,111	FALSE
0,037	0,294	0,002	0,008	0,084	FALSE
-0,011	0,304	0,000	0,007	0,006	FALSE
-0,014	0,311	-0,001	0,013	0,019	FALSE
-0,030	0,300	-0,001	0,008	0,024	FALSE
-0,032	0,305	0,000	0,008	0,020	FALSE
-0,001	0,321	0,000	0,012	0,009	FALSE

0,005	0,307	-0,001	0,012	0,015	FALSE
0,000	0,295	0,000	0,008	0,015	FALSE
0,019	0,303	0,001	0,008	0,025	FALSE
0,008	0,318	0,000	0,008	0,009	FALSE
-0,072	0,303	-0,003	0,012	0,084	FALSE
0,123	0,309	0,003	0,007	0,159	FALSE
0,037	0,308	0,001	0,008	0,065	FALSE
-0,058	0,302	-0,002	0,008	0,090	FALSE
-0,058	0,302	-0,002	0,007	0,098	FALSE
-0,013	0,317	0,000	0,007	0,005	FALSE
-0,021	0,306	-0,001	0,012	0,016	FALSE
-0,128	0,299	-0,004	0,007	0,200	FALSE
0,027	0,313	0,001	0,009	0,031	FALSE
-0,161	0,290	-0,003	0,006	0,224	FALSE
0,024	0,304	0,000	0,009	0,004	FALSE
0,052	0,325	0,002	0,012	0,067	FALSE
0,091	0,293	0,002	0,007	0,130	FALSE
0,052	0,308	0,002	0,012	0,052	FALSE
0,094	0,308	0,002	0,009	0,109	FALSE
-0,014	0,327	0,000	0,007	0,001	FALSE
0,107	0,304	0,003	0,009	0,123	FALSE
-0,030	0,312	-0,001	0,009	0,044	FALSE
0,034	0,306	0,001	0,011	0,022	FALSE
0,035	0,302	0,002	0,009	0,073	FALSE
0,115	0,292	0,003	0,009	0,117	FALSE
0,075	0,306	0,002	0,012	0,077	FALSE
-0,162	0,307	-0,004	0,007	0,214	FALSE
0,073	0,310	0,002	0,006	0,111	FALSE
0,058	0,308	0,002	0,006	0,114	FALSE
0,004	0,306	0,000	0,010	0,001	FALSE
0,044	0,317	0,001	0,009	0,051	FALSE
0,000	0,310	0,001	0,007	0,029	FALSE
-0,017	0,317	0,000	0,007	0,009	FALSE
-0,004	0,325	0,000	0,007	0,015	FALSE
0,055	0,317	0,001	0,009	0,058	FALSE
-0,010	0,300	-0,001	0,012	0,038	FALSE
0,090	0,312	0,003	0,010	0,105	FALSE
0,029	0,317	0,001	0,011	0,018	FALSE
0,041	0,305	0,002	0,009	0,084	FALSE
-0,027	0,318	-0,001	0,011	0,019	FALSE
-0,074	0,310	-0,002	0,007	0,090	FALSE
-0,115	0,307	-0,003	0,007	0,143	FALSE
-0,105	0,298	-0,003	0,008	0,140	FALSE
-0,153	0,316	-0,005	0,012	0,185	FALSE
-0,051	0,301	-0,002	0,009	0,078	FALSE
-0,036	0,294	-0,002	0,012	0,062	FALSE
0,023	0,300	0,001	0,011	0,037	FALSE
-0,167	0,295	-0,008	0,012	0,278	FALSE
-0,006	0,313	0,000	0,008	0,001	FALSE
0,034	0,295	0,001	0,009	0,051	FALSE
0,100	0,290	0,003	0,008	0,133	FALSE
-0,043	0,302	-0,001	0,011	0,028	FALSE
-0,104	0,303	-0,003	0,012	0,116	FALSE

-0,078	0,299	-0,002	0,008	0,094	FALSE
-0,058	0,309	-0,001	0,007	0,062	FALSE
-0,070	0,314	-0,001	0,007	0,071	FALSE
-0,147	0,310	-0,005	0,010	0,189	FALSE
0,160	0,305	0,005	0,009	0,218	FALSE
-0,038	0,316	-0,001	0,007	0,037	FALSE
-0,016	0,306	0,000	0,007	0,016	FALSE
-0,207	0,301	-0,007	0,010	0,319	TRUE
0,174	0,292	0,006	0,012	0,222	FALSE
0,093	0,316	0,004	0,012	0,133	FALSE
-0,033	0,302	-0,001	0,012	0,035	FALSE
-0,031	0,315	-0,001	0,011	0,027	FALSE
-0,027	0,301	-0,001	0,009	0,040	FALSE
-0,095	0,312	-0,003	0,012	0,093	FALSE
-0,053	0,316	-0,002	0,012	0,078	FALSE
-0,009	0,308	0,001	0,012	0,020	FALSE
0,063	0,306	0,002	0,006	0,111	FALSE
0,133	0,293	0,004	0,010	0,151	FALSE
-0,025	0,307	-0,001	0,009	0,023	FALSE
-0,102	0,299	-0,004	0,013	0,118	FALSE
0,075	0,307	0,002	0,007	0,089	FALSE
-0,114	0,304	-0,004	0,012	0,138	FALSE
-0,015	0,315	0,000	0,007	0,001	FALSE
-0,066	0,305	-0,001	0,007	0,060	FALSE
-0,130	0,310	-0,004	0,011	0,161	FALSE
0,039	0,313	0,001	0,011	0,042	FALSE
0,049	0,303	0,001	0,006	0,049	FALSE
-0,075	0,286	-0,002	0,006	0,104	FALSE
-0,128	0,305	-0,003	0,007	0,178	FALSE
-0,137	0,309	-0,004	0,009	0,201	FALSE
-0,025	0,304	-0,001	0,010	0,052	FALSE
-0,090	0,318	-0,004	0,011	0,136	FALSE
0,171	0,296	0,005	0,008	0,271	FALSE
0,140	0,318	0,004	0,009	0,183	FALSE
-0,157	0,309	-0,006	0,010	0,267	FALSE
0,011	0,316	0,000	0,011	0,006	FALSE
-0,004	0,322	0,000	0,009	0,005	FALSE
0,006	0,302	0,001	0,011	0,020	FALSE
0,024	0,288	0,000	0,009	0,015	FALSE
-0,052	0,312	-0,002	0,011	0,063	FALSE
0,022	0,307	0,001	0,013	0,042	FALSE
-0,038	0,305	-0,002	0,012	0,052	FALSE
-0,059	0,302	-0,002	0,012	0,064	FALSE
-0,054	0,301	-0,003	0,012	0,084	FALSE
0,008	0,310	0,001	0,012	0,021	FALSE
-0,113	0,309	-0,003	0,007	0,168	FALSE
-0,101	0,295	-0,003	0,007	0,156	FALSE
-0,002	0,307	0,000	0,011	0,001	FALSE
-0,023	0,302	-0,001	0,009	0,053	FALSE
-0,032	0,311	-0,001	0,009	0,050	FALSE
-0,009	0,302	0,001	0,013	0,021	FALSE
-0,029	0,308	0,000	0,013	0,005	FALSE
-0,065	0,302	-0,002	0,007	0,082	FALSE

0,029	0,320	0,001	0,013	0,027	FALSE
-0,063	0,294	-0,001	0,007	0,086	FALSE
-0,021	0,301	-0,001	0,010	0,023	FALSE
-0,045	0,302	-0,001	0,010	0,044	FALSE
-0,015	0,308	0,000	0,013	0,002	FALSE
0,079	0,306	0,002	0,008	0,101	FALSE
0,037	0,312	0,001	0,007	0,046	FALSE
-0,026	0,304	-0,001	0,010	0,021	FALSE
-0,130	0,308	-0,003	0,006	0,163	FALSE
0,067	0,308	0,001	0,007	0,069	FALSE
-0,065	0,291	-0,002	0,012	0,071	FALSE
-0,073	0,312	-0,002	0,008	0,096	FALSE
0,119	0,309	0,005	0,013	0,158	FALSE
0,037	0,303	0,001	0,011	0,044	FALSE
-0,200	0,297	-0,005	0,007	0,299	FALSE
0,082	0,294	0,003	0,010	0,118	FALSE
0,003	0,311	0,000	0,013	0,000	FALSE
0,021	0,313	0,001	0,013	0,024	FALSE
0,018	0,324	0,000	0,012	0,012	FALSE
-0,085	0,314	-0,002	0,009	0,090	FALSE
0,086	0,300	0,003	0,009	0,148	FALSE
-0,038	0,305	-0,002	0,009	0,059	FALSE
-0,043	0,311	-0,002	0,008	0,072	FALSE
0,059	0,321	0,003	0,013	0,081	FALSE
0,102	0,318	0,003	0,009	0,117	FALSE
-0,019	0,294	0,000	0,008	0,014	FALSE
-0,004	0,309	0,000	0,007	0,016	FALSE
-0,003	0,311	0,000	0,013	0,000	FALSE
-0,057	0,309	-0,001	0,007	0,073	FALSE
-0,017	0,316	-0,001	0,007	0,027	FALSE
0,006	0,291	0,000	0,011	0,004	FALSE
-0,112	0,306	-0,004	0,011	0,152	FALSE
-0,055	0,310	-0,002	0,011	0,083	FALSE
0,027	0,304	0,000	0,010	0,009	FALSE
0,105	0,317	0,004	0,012	0,134	FALSE
-0,026	0,319	-0,001	0,012	0,017	FALSE
0,098	0,300	0,003	0,011	0,104	FALSE
0,004	0,306	0,000	0,010	0,014	FALSE
0,037	0,312	0,001	0,007	0,029	FALSE
0,081	0,309	0,002	0,010	0,065	FALSE
-0,123	0,308	-0,004	0,012	0,148	FALSE
-0,026	0,314	-0,001	0,007	0,034	FALSE
0,021	0,308	0,001	0,010	0,022	FALSE
0,005	0,315	0,000	0,011	0,007	FALSE
0,010	0,310	0,000	0,011	0,009	FALSE
-0,087	0,303	-0,002	0,008	0,117	FALSE
-0,132	0,289	-0,005	0,012	0,161	FALSE
-0,107	0,311	-0,004	0,011	0,141	FALSE
0,060	0,315	0,002	0,008	0,094	FALSE
-0,146	0,309	-0,005	0,011	0,200	FALSE
-0,007	0,311	0,000	0,009	0,019	FALSE
0,076	0,297	0,003	0,012	0,103	FALSE
0,008	0,304	0,000	0,009	0,005	FALSE

0,091	0,323	0,002	0,009	0,102	FALSE
-0,033	0,306	-0,001	0,011	0,052	FALSE
0,022	0,307	0,001	0,010	0,019	FALSE
0,083	0,319	0,003	0,010	0,127	FALSE
0,077	0,300	0,001	0,006	0,066	FALSE
0,058	0,303	0,001	0,007	0,082	FALSE
0,006	0,307	0,000	0,012	0,009	FALSE
-0,044	0,318	-0,002	0,011	0,060	FALSE
0,147	0,301	0,004	0,008	0,214	FALSE
0,005	0,287	0,000	0,010	0,004	FALSE
-0,057	0,296	-0,001	0,007	0,058	FALSE
-0,008	0,314	0,000	0,008	0,013	FALSE
0,109	0,309	0,003	0,008	0,159	FALSE
0,016	0,318	0,001	0,009	0,028	FALSE
0,108	0,306	0,003	0,010	0,136	FALSE
0,017	0,294	0,001	0,011	0,035	FALSE
-0,027	0,306	0,000	0,008	0,016	FALSE
0,013	0,315	0,001	0,011	0,023	FALSE
-0,024	0,307	-0,001	0,013	0,037	FALSE
-0,109	0,308	-0,003	0,012	0,107	FALSE
-0,098	0,302	-0,004	0,013	0,118	FALSE
0,120	0,307	0,004	0,011	0,164	FALSE
0,104	0,305	0,004	0,013	0,114	FALSE
-0,066	0,301	-0,002	0,006	0,110	FALSE
-0,108	0,310	-0,005	0,012	0,162	FALSE
0,040	0,312	0,000	0,007	0,020	FALSE
-0,070	0,313	-0,001	0,006	0,058	FALSE
0,032	0,296	0,001	0,008	0,029	FALSE
-0,069	0,295	-0,002	0,007	0,087	FALSE
0,089	0,315	0,003	0,011	0,101	FALSE
0,012	0,308	0,000	0,011	0,012	FALSE
0,033	0,301	0,002	0,010	0,069	FALSE
0,050	0,306	0,002	0,007	0,084	FALSE
-0,040	0,305	-0,001	0,007	0,041	FALSE
0,041	0,316	0,002	0,011	0,058	FALSE
-0,012	0,306	0,000	0,008	0,009	FALSE
-0,032	0,315	-0,001	0,007	0,040	FALSE
0,100	0,318	0,003	0,012	0,105	FALSE
-0,180	0,301	-0,008	0,012	0,269	FALSE
0,042	0,295	0,001	0,007	0,048	FALSE
-0,060	0,313	-0,003	0,013	0,076	FALSE
0,024	0,302	0,001	0,012	0,028	FALSE
0,050	0,308	0,001	0,009	0,050	FALSE
-0,094	0,311	-0,003	0,009	0,114	FALSE
-0,162	0,312	-0,006	0,011	0,222	FALSE
-0,157	0,308	-0,005	0,011	0,208	FALSE
-0,123	0,319	-0,004	0,011	0,162	FALSE
-0,153	0,300	-0,005	0,011	0,207	FALSE
-0,137	0,310	-0,005	0,011	0,170	FALSE
-0,152	0,307	-0,006	0,011	0,228	FALSE
-0,019	0,304	-0,001	0,011	0,035	FALSE
-0,055	0,307	-0,002	0,010	0,083	FALSE
-0,001	0,300	0,000	0,008	0,021	FALSE

-0,005	0,311	-0,001	0,011	0,028	FALSE
0,093	0,308	0,003	0,008	0,158	FALSE
-0,070	0,320	-0,002	0,008	0,085	FALSE
0,095	0,320	0,003	0,013	0,095	FALSE
0,042	0,313	0,001	0,006	0,066	FALSE
0,085	0,304	0,003	0,008	0,146	FALSE
-0,053	0,303	-0,002	0,010	0,088	FALSE
0,056	0,310	0,002	0,008	0,074	FALSE
-0,063	0,298	-0,003	0,009	0,107	FALSE
0,049	0,301	0,002	0,009	0,083	FALSE
-0,039	0,313	-0,001	0,007	0,058	FALSE
0,095	0,299	0,002	0,008	0,101	FALSE
-0,037	0,308	0,000	0,011	0,012	FALSE
-0,091	0,302	-0,004	0,013	0,137	FALSE
-0,043	0,318	0,000	0,010	0,015	FALSE
-0,125	0,303	-0,003	0,008	0,153	FALSE
-0,097	0,294	-0,004	0,013	0,127	FALSE
0,116	0,292	0,002	0,007	0,137	FALSE
-0,048	0,321	-0,002	0,013	0,072	FALSE
-0,148	0,309	-0,004	0,007	0,212	FALSE
0,089	0,304	0,003	0,013	0,086	FALSE
-0,100	0,308	-0,003	0,009	0,123	FALSE
-0,020	0,293	-0,001	0,009	0,031	FALSE
-0,080	0,285	-0,003	0,008	0,135	FALSE
-0,123	0,305	-0,003	0,007	0,169	FALSE
-0,035	0,319	-0,001	0,012	0,045	FALSE
0,003	0,296	0,001	0,009	0,021	FALSE
-0,140	0,317	-0,006	0,012	0,195	FALSE
-0,007	0,314	-0,001	0,013	0,021	FALSE
-0,041	0,315	-0,001	0,008	0,043	FALSE
0,065	0,320	0,003	0,014	0,089	FALSE
0,018	0,303	0,000	0,006	0,017	FALSE
0,055	0,308	0,003	0,011	0,090	FALSE
-0,029	0,304	-0,002	0,012	0,064	FALSE
-0,072	0,305	-0,002	0,007	0,087	FALSE
-0,002	0,312	0,000	0,011	0,016	FALSE
0,032	0,307	0,002	0,010	0,067	FALSE
-0,019	0,310	0,000	0,010	0,006	FALSE
-0,045	0,322	-0,001	0,007	0,026	FALSE
0,141	0,310	0,004	0,008	0,194	FALSE
0,027	0,312	0,001	0,012	0,042	FALSE
0,010	0,315	0,001	0,012	0,041	FALSE
0,160	0,297	0,003	0,007	0,192	FALSE
-0,076	0,316	-0,002	0,007	0,078	FALSE
-0,111	0,306	-0,004	0,010	0,165	FALSE
0,085	0,306	0,002	0,006	0,094	FALSE
0,160	0,301	0,007	0,012	0,252	FALSE
0,048	0,291	0,001	0,007	0,065	FALSE
-0,138	0,312	-0,006	0,012	0,207	FALSE
-0,031	0,309	0,000	0,008	0,006	FALSE
-0,001	0,317	0,000	0,012	0,003	FALSE
0,125	0,310	0,004	0,008	0,195	FALSE
-0,077	0,300	-0,003	0,009	0,108	FALSE

0,035	0,280	0,002	0,010	0,075	FALSE
-0,005	0,303	0,000	0,013	0,013	FALSE
0,059	0,296	0,002	0,007	0,081	FALSE
-0,021	0,307	0,000	0,007	0,003	FALSE
-0,054	0,308	-0,002	0,008	0,081	FALSE
0,081	0,312	0,002	0,008	0,118	FALSE
0,184	0,307	0,008	0,012	0,284	FALSE
-0,079	0,296	-0,002	0,009	0,074	FALSE
0,161	0,302	0,004	0,008	0,215	FALSE
0,151	0,305	0,004	0,009	0,189	FALSE
0,050	0,309	0,001	0,007	0,057	FALSE
-0,050	0,319	-0,003	0,013	0,073	FALSE
0,102	0,303	0,004	0,012	0,147	FALSE
-0,106	0,320	-0,002	0,008	0,122	FALSE
-0,085	0,305	-0,002	0,006	0,092	FALSE
-0,036	0,310	-0,001	0,009	0,049	FALSE
-0,055	0,303	-0,002	0,008	0,080	FALSE
-0,042	0,316	-0,002	0,012	0,061	FALSE
-0,124	0,306	-0,004	0,008	0,184	FALSE
-0,163	0,289	-0,008	0,012	0,298	FALSE
-0,045	0,307	-0,001	0,012	0,037	FALSE
0,032	0,308	0,002	0,012	0,050	FALSE
-0,032	0,306	-0,001	0,008	0,049	FALSE
-0,068	0,298	-0,002	0,007	0,097	FALSE
-0,085	0,314	-0,003	0,010	0,136	FALSE
-0,056	0,299	-0,002	0,011	0,081	FALSE
0,022	0,307	0,001	0,010	0,033	FALSE
0,023	0,297	0,001	0,006	0,046	FALSE
-0,070	0,302	-0,002	0,012	0,069	FALSE
-0,078	0,311	-0,003	0,011	0,089	FALSE
-0,058	0,309	-0,002	0,011	0,067	FALSE
-0,067	0,316	-0,004	0,012	0,120	FALSE
-0,022	0,307	-0,001	0,011	0,032	FALSE
0,127	0,300	0,003	0,007	0,168	FALSE
-0,011	0,304	0,000	0,006	0,016	FALSE
-0,015	0,295	0,000	0,010	0,012	FALSE
0,022	0,306	0,000	0,011	0,010	FALSE
-0,160	0,291	-0,007	0,012	0,232	FALSE
-0,150	0,299	-0,004	0,008	0,217	FALSE
0,162	0,299	0,006	0,012	0,205	FALSE
-0,064	0,309	-0,001	0,007	0,056	FALSE
-0,036	0,315	-0,001	0,010	0,040	FALSE
0,018	0,307	0,001	0,007	0,028	FALSE
0,096	0,305	0,004	0,012	0,146	FALSE
0,059	0,293	0,002	0,009	0,095	FALSE
0,070	0,305	0,002	0,011	0,082	FALSE
-0,087	0,327	-0,001	0,007	0,077	FALSE
0,063	0,305	0,002	0,008	0,079	FALSE
-0,099	0,300	-0,004	0,011	0,134	FALSE
-0,093	0,307	-0,002	0,007	0,115	FALSE
-0,020	0,301	-0,001	0,007	0,028	FALSE
0,053	0,297	0,002	0,012	0,069	FALSE
0,073	0,308	0,002	0,006	0,096	FALSE

-0,006	0,289	-0,001	0,010	0,027	FALSE
-0,185	0,310	-0,004	0,006	0,258	FALSE
-0,059	0,307	-0,002	0,008	0,076	FALSE
-0,016	0,319	0,000	0,008	0,004	FALSE
-0,141	0,307	-0,003	0,007	0,192	FALSE
-0,136	0,294	-0,003	0,006	0,189	FALSE
0,008	0,303	0,000	0,010	0,001	FALSE
-0,203	0,312	-0,007	0,011	0,295	FALSE
-0,098	0,304	-0,003	0,007	0,161	FALSE
-0,049	0,320	-0,001	0,008	0,056	FALSE
-0,095	0,300	-0,002	0,006	0,123	FALSE
0,013	0,307	0,000	0,012	0,009	FALSE
0,045	0,313	0,002	0,011	0,070	FALSE
0,006	0,299	0,001	0,009	0,022	FALSE
0,176	0,305	0,006	0,011	0,239	FALSE
0,013	0,291	0,001	0,010	0,035	FALSE
0,121	0,312	0,005	0,013	0,160	FALSE
0,050	0,312	0,001	0,009	0,057	FALSE
-0,128	0,302	-0,003	0,007	0,172	FALSE
0,015	0,305	0,000	0,007	0,008	FALSE
0,044	0,303	0,001	0,011	0,042	FALSE
0,045	0,302	0,001	0,008	0,050	FALSE
-0,069	0,298	-0,003	0,012	0,091	FALSE
-0,156	0,301	-0,004	0,008	0,201	FALSE
-0,066	0,302	-0,001	0,006	0,075	FALSE
-0,021	0,308	0,000	0,011	0,004	FALSE
-0,018	0,315	-0,002	0,013	0,049	FALSE
0,026	0,307	0,001	0,008	0,063	FALSE
0,112	0,303	0,005	0,011	0,191	FALSE
-0,014	0,309	-0,001	0,011	0,024	FALSE
-0,019	0,317	0,000	0,007	0,014	FALSE
-0,045	0,287	-0,002	0,010	0,072	FALSE
0,058	0,313	0,001	0,006	0,072	FALSE
-0,062	0,306	-0,003	0,012	0,092	FALSE
-0,007	0,308	0,000	0,009	0,005	FALSE
-0,072	0,298	-0,004	0,012	0,116	FALSE
0,026	0,311	0,001	0,010	0,040	FALSE
0,076	0,317	0,002	0,007	0,108	FALSE
-0,046	0,299	-0,002	0,010	0,066	FALSE
-0,006	0,324	-0,001	0,013	0,014	FALSE
-0,090	0,313	-0,003	0,010	0,110	FALSE
-0,023	0,321	-0,001	0,010	0,018	FALSE
-0,033	0,288	-0,001	0,009	0,027	FALSE
-0,066	0,303	-0,002	0,007	0,079	FALSE
-0,073	0,307	-0,002	0,008	0,069	FALSE
-0,022	0,313	-0,001	0,012	0,025	FALSE
-0,152	0,299	-0,005	0,009	0,218	FALSE
-0,113	0,309	-0,004	0,009	0,158	FALSE
0,065	0,314	0,002	0,009	0,102	FALSE
0,102	0,298	0,003	0,009	0,164	FALSE
-0,033	0,322	-0,001	0,010	0,029	FALSE
-0,029	0,291	-0,001	0,010	0,046	FALSE
-0,013	0,305	0,000	0,009	0,010	FALSE

0,168	0,301	0,007	0,013	0,232	FALSE
-0,154	0,307	-0,006	0,011	0,210	FALSE
0,106	0,314	0,003	0,007	0,165	FALSE
-0,006	0,324	-0,001	0,013	0,024	FALSE
0,044	0,299	0,001	0,007	0,074	FALSE
-0,057	0,307	-0,002	0,012	0,064	FALSE
0,065	0,308	0,001	0,012	0,037	FALSE
0,080	0,313	0,003	0,013	0,099	FALSE
0,016	0,290	0,001	0,008	0,036	FALSE
-0,018	0,305	0,000	0,007	0,009	FALSE
0,025	0,312	0,002	0,010	0,061	FALSE
0,063	0,305	0,002	0,010	0,098	FALSE
0,114	0,311	0,003	0,006	0,177	FALSE
0,019	0,329	0,000	0,012	0,002	FALSE
0,000	0,311	0,000	0,010	0,000	FALSE
-0,032	0,301	0,000	0,010	0,016	FALSE
0,031	0,313	0,000	0,006	0,009	FALSE
-0,023	0,296	0,000	0,011	0,006	FALSE
0,153	0,297	0,005	0,010	0,215	FALSE
0,081	0,311	0,004	0,013	0,133	FALSE
-0,112	0,302	-0,005	0,012	0,160	FALSE
0,031	0,330	0,001	0,010	0,039	FALSE
0,049	0,322	0,001	0,007	0,074	FALSE
0,045	0,301	0,002	0,009	0,070	FALSE
-0,092	0,304	-0,003	0,010	0,129	FALSE
0,106	0,310	0,005	0,012	0,150	FALSE
0,072	0,300	0,002	0,011	0,080	FALSE
-0,228	0,295	-0,008	0,010	0,385	FALSE
0,048	0,317	0,002	0,011	0,055	FALSE
-0,018	0,310	0,000	0,009	0,009	FALSE
-0,026	0,327	-0,001	0,010	0,019	FALSE
0,019	0,315	0,000	0,011	0,008	FALSE
0,156	0,310	0,007	0,013	0,226	FALSE
0,010	0,297	0,000	0,007	0,001	FALSE
-0,012	0,295	0,000	0,008	0,018	FALSE
0,136	0,301	0,003	0,007	0,167	FALSE
0,073	0,313	0,002	0,008	0,090	FALSE
-0,076	0,305	-0,003	0,013	0,079	FALSE
0,088	0,305	0,002	0,007	0,119	FALSE
-0,110	0,306	-0,003	0,009	0,142	FALSE
0,151	0,306	0,003	0,006	0,196	FALSE
0,072	0,316	0,003	0,010	0,103	FALSE
0,063	0,303	0,001	0,007	0,074	FALSE
0,073	0,318	0,002	0,009	0,083	FALSE
-0,097	0,313	-0,004	0,013	0,128	FALSE
-0,084	0,304	-0,002	0,008	0,084	FALSE
0,107	0,310	0,003	0,011	0,119	FALSE
-0,024	0,306	0,000	0,008	0,010	FALSE
0,115	0,293	0,002	0,007	0,142	FALSE
-0,035	0,301	-0,002	0,012	0,064	FALSE
0,121	0,299	0,005	0,012	0,174	FALSE
-0,017	0,296	-0,001	0,009	0,036	FALSE
-0,038	0,298	-0,002	0,009	0,068	FALSE

-0,057	0,317	-0,003	0,011	0,084	FALSE
-0,094	0,318	-0,002	0,008	0,106	FALSE
0,033	0,313	0,001	0,010	0,032	FALSE
0,051	0,301	0,001	0,006	0,056	FALSE
0,067	0,301	0,002	0,009	0,105	FALSE
-0,093	0,309	-0,002	0,008	0,124	FALSE
-0,134	0,305	-0,006	0,012	0,205	FALSE
0,058	0,312	0,002	0,008	0,081	FALSE
-0,091	0,292	-0,003	0,007	0,144	FALSE
-0,191	0,294	-0,005	0,008	0,270	FALSE
0,104	0,311	0,002	0,007	0,131	FALSE
-0,081	0,304	-0,002	0,008	0,094	FALSE
-0,067	0,312	-0,001	0,009	0,059	FALSE
-0,148	0,320	-0,004	0,009	0,185	FALSE
0,031	0,305	0,001	0,011	0,023	FALSE
0,004	0,294	0,000	0,008	0,012	FALSE
-0,126	0,306	-0,003	0,007	0,171	FALSE
0,039	0,305	0,002	0,012	0,050	FALSE
0,006	0,298	0,001	0,009	0,024	FALSE
0,029	0,317	0,000	0,009	0,014	FALSE
0,205	0,281	0,010	0,012	0,374	FALSE
0,090	0,294	0,004	0,012	0,120	FALSE
-0,023	0,307	-0,001	0,007	0,057	FALSE
0,017	0,299	0,000	0,011	0,011	FALSE
0,032	0,300	0,001	0,009	0,023	FALSE
-0,028	0,305	0,000	0,007	0,026	FALSE
0,059	0,320	0,001	0,008	0,047	FALSE
-0,058	0,319	-0,003	0,012	0,092	FALSE
0,096	0,311	0,004	0,010	0,157	FALSE
0,049	0,299	0,001	0,008	0,048	FALSE
0,066	0,310	0,002	0,012	0,050	FALSE
0,087	0,314	0,003	0,012	0,083	FALSE
0,013	0,317	0,001	0,013	0,014	FALSE
-0,024	0,299	-0,001	0,009	0,052	FALSE
0,120	0,303	0,003	0,008	0,171	FALSE
0,161	0,305	0,007	0,012	0,227	FALSE
0,077	0,292	0,002	0,012	0,078	FALSE
-0,068	0,308	-0,003	0,010	0,118	FALSE
-0,009	0,314	0,000	0,008	0,015	FALSE
-0,155	0,307	-0,004	0,009	0,180	FALSE
-0,074	0,304	-0,002	0,009	0,109	FALSE
-0,134	0,308	-0,004	0,010	0,174	FALSE
0,035	0,318	0,001	0,008	0,037	FALSE
0,065	0,300	0,002	0,009	0,064	FALSE
-0,039	0,313	-0,002	0,011	0,055	FALSE
0,227	0,302	0,006	0,008	0,353	FALSE
-0,115	0,299	-0,004	0,009	0,188	FALSE
-0,082	0,317	-0,003	0,010	0,109	FALSE
0,024	0,288	0,001	0,008	0,030	FALSE
-0,124	0,306	-0,004	0,010	0,175	FALSE
0,257	0,299	0,010	0,012	0,405	FALSE
-0,181	0,291	-0,007	0,010	0,299	FALSE
0,195	0,308	0,007	0,011	0,281	FALSE

0,176	0,299	0,006	0,011	0,235	FALSE
0,000	0,325	0,000	0,007	0,001	FALSE
0,070	0,310	0,003	0,011	0,094	FALSE
0,090	0,286	0,004	0,010	0,135	FALSE
0,008	0,284	0,001	0,009	0,033	FALSE
0,036	0,310	0,001	0,007	0,046	FALSE
-0,031	0,316	-0,001	0,006	0,035	FALSE
0,002	0,320	0,000	0,011	0,004	FALSE
0,067	0,300	0,003	0,011	0,088	FALSE
0,014	0,282	0,001	0,012	0,020	FALSE
-0,020	0,310	0,000	0,007	0,016	FALSE
0,031	0,310	0,001	0,010	0,049	FALSE
-0,047	0,320	-0,001	0,010	0,053	FALSE
-0,031	0,312	-0,001	0,012	0,026	FALSE
0,152	0,311	0,004	0,008	0,208	FALSE
0,158	0,289	0,006	0,010	0,262	FALSE
-0,019	0,307	-0,001	0,011	0,026	FALSE
-0,057	0,308	-0,001	0,006	0,034	FALSE
0,051	0,289	0,002	0,011	0,059	FALSE
0,004	0,327	0,000	0,009	0,009	FALSE
-0,041	0,311	-0,001	0,008	0,039	FALSE
-0,127	0,304	-0,005	0,012	0,178	FALSE
0,073	0,318	0,002	0,008	0,098	FALSE
0,042	0,337	0,001	0,008	0,050	FALSE
-0,003	0,313	0,000	0,010	0,001	FALSE
-0,064	0,317	-0,001	0,007	0,073	FALSE
0,012	0,306	0,001	0,007	0,033	FALSE
-0,098	0,309	-0,005	0,013	0,156	FALSE
0,093	0,312	0,004	0,012	0,124	FALSE
0,008	0,316	0,001	0,010	0,019	FALSE
-0,086	0,315	-0,002	0,008	0,101	FALSE
0,037	0,304	0,001	0,007	0,046	FALSE
0,042	0,298	0,001	0,008	0,069	FALSE
0,136	0,307	0,006	0,013	0,201	FALSE
-0,039	0,308	-0,002	0,010	0,060	FALSE
-0,191	0,288	-0,004	0,006	0,237	FALSE
0,042	0,289	0,001	0,008	0,029	FALSE
-0,074	0,307	-0,002	0,010	0,094	FALSE
-0,012	0,298	-0,001	0,007	0,061	FALSE
-0,003	0,297	-0,001	0,012	0,032	FALSE
0,051	0,292	0,002	0,010	0,073	FALSE
-0,107	0,309	-0,003	0,007	0,137	FALSE
-0,092	0,305	-0,002	0,008	0,095	FALSE
0,014	0,312	0,002	0,012	0,047	FALSE
0,046	0,311	0,002	0,013	0,072	FALSE
-0,044	0,309	-0,002	0,011	0,079	FALSE
-0,077	0,311	-0,002	0,008	0,104	FALSE
0,028	0,313	0,002	0,012	0,052	FALSE
0,036	0,300	0,002	0,012	0,066	FALSE
0,062	0,295	0,002	0,011	0,082	FALSE
0,035	0,319	0,001	0,007	0,050	FALSE
0,000	0,313	0,000	0,007	0,020	FALSE
0,061	0,316	0,001	0,007	0,085	FALSE

0,156	0,307	0,006	0,010	0,246	FALSE
0,110	0,311	0,005	0,013	0,164	FALSE
0,019	0,327	0,000	0,010	0,005	FALSE
0,147	0,308	0,004	0,008	0,241	FALSE
0,013	0,305	0,000	0,007	0,006	FALSE
-0,079	0,329	-0,004	0,013	0,114	FALSE
-0,024	0,302	-0,001	0,013	0,036	FALSE
-0,059	0,312	-0,001	0,006	0,045	FALSE
-0,092	0,317	-0,001	0,006	0,086	FALSE
0,055	0,319	0,002	0,007	0,077	FALSE
-0,014	0,284	0,000	0,012	0,001	FALSE
0,147	0,308	0,005	0,010	0,212	FALSE
-0,037	0,316	-0,001	0,011	0,050	FALSE
-0,013	0,314	-0,001	0,012	0,028	FALSE
0,045	0,310	0,001	0,007	0,051	FALSE
-0,079	0,311	-0,002	0,008	0,097	FALSE
0,118	0,304	0,004	0,007	0,207	FALSE
0,022	0,307	0,001	0,009	0,029	FALSE
0,011	0,299	0,000	0,008	0,003	FALSE
0,061	0,328	0,001	0,007	0,079	FALSE
0,031	0,305	0,002	0,009	0,065	FALSE
0,166	0,292	0,007	0,011	0,270	FALSE
0,056	0,311	0,001	0,007	0,066	FALSE
-0,040	0,311	-0,001	0,007	0,025	FALSE
-0,030	0,307	0,000	0,012	0,001	FALSE
-0,001	0,290	0,001	0,012	0,040	FALSE
0,014	0,311	0,001	0,009	0,051	FALSE
0,104	0,314	0,003	0,009	0,123	FALSE
-0,110	0,312	-0,002	0,006	0,129	FALSE
-0,030	0,297	-0,001	0,007	0,050	FALSE
0,069	0,320	0,002	0,008	0,122	FALSE
-0,004	0,311	0,000	0,007	0,001	FALSE
0,041	0,303	0,002	0,009	0,079	FALSE
0,015	0,311	0,001	0,011	0,018	FALSE
0,124	0,307	0,003	0,009	0,137	FALSE
0,086	0,314	0,002	0,009	0,090	FALSE
0,119	0,292	0,003	0,009	0,135	FALSE
-0,024	0,311	-0,001	0,011	0,045	FALSE
-0,067	0,307	-0,004	0,013	0,107	FALSE
-0,141	0,306	-0,007	0,013	0,219	FALSE
-0,147	0,307	-0,005	0,011	0,181	FALSE
0,086	0,302	0,002	0,008	0,092	FALSE
0,103	0,304	0,002	0,009	0,111	FALSE
-0,035	0,304	-0,001	0,013	0,029	FALSE
-0,132	0,299	-0,003	0,009	0,150	FALSE
-0,103	0,295	-0,002	0,008	0,110	FALSE
-0,014	0,312	0,000	0,011	0,002	FALSE
-0,074	0,306	-0,002	0,007	0,115	FALSE
0,006	0,301	0,000	0,007	0,008	FALSE
-0,034	0,320	-0,001	0,008	0,034	FALSE
-0,022	0,315	-0,001	0,006	0,032	FALSE
0,120	0,297	0,002	0,006	0,156	FALSE
0,051	0,304	0,001	0,008	0,026	FALSE

0,041	0,288	0,001	0,006	0,033	FALSE
-0,002	0,310	0,000	0,012	0,006	FALSE
0,028	0,311	0,001	0,009	0,033	FALSE
0,115	0,300	0,004	0,010	0,161	FALSE
0,159	0,295	0,003	0,006	0,192	FALSE
-0,061	0,308	-0,001	0,008	0,048	FALSE
0,097	0,310	0,002	0,007	0,106	FALSE
0,068	0,301	0,002	0,009	0,089	FALSE
-0,034	0,308	-0,001	0,007	0,034	FALSE
-0,050	0,302	-0,001	0,007	0,064	FALSE
0,028	0,316	0,001	0,012	0,026	FALSE
-0,076	0,310	-0,002	0,008	0,080	FALSE
0,092	0,294	0,004	0,012	0,150	FALSE
0,156	0,291	0,006	0,012	0,221	FALSE
0,056	0,306	0,001	0,007	0,070	FALSE
-0,060	0,310	-0,002	0,010	0,072	FALSE
-0,030	0,321	-0,001	0,010	0,032	FALSE
0,135	0,317	0,003	0,008	0,164	FALSE
-0,017	0,297	-0,001	0,011	0,028	FALSE
0,205	0,293	0,006	0,009	0,323	FALSE
-0,046	0,317	-0,001	0,007	0,043	FALSE
-0,031	0,292	-0,002	0,010	0,088	FALSE
-0,026	0,305	-0,001	0,010	0,023	FALSE
0,057	0,315	0,001	0,007	0,073	FALSE
-0,001	0,305	0,000	0,013	0,002	FALSE
0,017	0,306	0,000	0,009	0,019	FALSE
-0,157	0,295	-0,005	0,009	0,231	FALSE
-0,093	0,301	-0,003	0,011	0,119	FALSE
0,066	0,335	0,002	0,008	0,086	FALSE
-0,013	0,308	0,000	0,008	0,006	FALSE
0,034	0,302	0,002	0,012	0,061	FALSE
0,001	0,305	-0,001	0,010	0,039	FALSE
-0,081	0,312	-0,003	0,010	0,112	FALSE
0,101	0,312	0,002	0,007	0,127	FALSE
-0,119	0,300	-0,003	0,008	0,163	FALSE
0,044	0,305	0,001	0,007	0,085	FALSE
-0,039	0,303	-0,001	0,006	0,049	FALSE
-0,064	0,301	-0,002	0,009	0,065	FALSE
0,070	0,302	0,001	0,007	0,049	FALSE
0,018	0,295	0,001	0,010	0,042	FALSE
0,063	0,312	0,001	0,009	0,052	FALSE
-0,066	0,297	-0,001	0,007	0,053	FALSE
-0,095	0,309	-0,004	0,012	0,143	FALSE
-0,107	0,305	-0,002	0,007	0,115	FALSE
-0,029	0,304	-0,001	0,009	0,030	FALSE
-0,202	0,292	-0,006	0,008	0,334	FALSE
0,013	0,300	0,001	0,011	0,035	FALSE
0,032	0,306	0,001	0,007	0,044	FALSE
0,082	0,309	0,003	0,013	0,085	FALSE
-0,118	0,298	-0,004	0,013	0,132	FALSE
-0,062	0,306	-0,001	0,008	0,069	FALSE
-0,070	0,312	-0,002	0,007	0,109	FALSE
-0,088	0,304	-0,002	0,008	0,129	FALSE

-0,032	0,311	-0,001	0,008	0,055	FALSE
-0,015	0,308	-0,001	0,008	0,046	FALSE
0,160	0,295	0,004	0,006	0,259	FALSE
0,151	0,304	0,004	0,007	0,232	FALSE
0,134	0,314	0,004	0,009	0,178	FALSE
-0,019	0,295	-0,001	0,007	0,051	FALSE
-0,034	0,304	-0,002	0,013	0,045	FALSE
0,075	0,309	0,004	0,012	0,128	FALSE
0,006	0,297	-0,001	0,010	0,026	FALSE
0,010	0,310	0,001	0,008	0,032	FALSE
-0,011	0,304	0,000	0,006	0,019	FALSE
-0,021	0,305	0,000	0,008	0,003	FALSE
0,000	0,297	0,000	0,007	0,018	FALSE
-0,083	0,316	-0,003	0,012	0,106	FALSE
-0,027	0,287	-0,001	0,012	0,030	FALSE
-0,038	0,291	-0,001	0,012	0,037	FALSE
0,010	0,305	0,000	0,008	0,005	FALSE
-0,055	0,317	-0,001	0,008	0,050	FALSE
0,021	0,309	0,001	0,008	0,050	FALSE
-0,060	0,308	-0,001	0,007	0,067	FALSE
0,135	0,309	0,004	0,009	0,199	FALSE
-0,074	0,318	-0,002	0,007	0,097	FALSE
0,059	0,316	0,003	0,012	0,084	FALSE
-0,160	0,311	-0,004	0,008	0,230	FALSE
-0,055	0,321	-0,002	0,011	0,080	FALSE
0,053	0,312	0,002	0,008	0,078	FALSE
-0,028	0,305	-0,001	0,012	0,033	FALSE
-0,130	0,310	-0,003	0,007	0,195	FALSE
-0,038	0,305	-0,001	0,008	0,047	FALSE
-0,003	0,295	0,000	0,007	0,011	FALSE
-0,033	0,322	-0,001	0,008	0,039	FALSE
0,111	0,306	0,003	0,007	0,142	FALSE
0,052	0,293	0,002	0,009	0,068	FALSE
0,060	0,318	0,003	0,010	0,094	FALSE
-0,054	0,312	-0,002	0,010	0,071	FALSE
-0,068	0,305	-0,001	0,007	0,052	FALSE
0,153	0,308	0,003	0,007	0,178	FALSE
0,094	0,306	0,002	0,006	0,135	FALSE
-0,010	0,310	-0,001	0,012	0,018	FALSE
0,029	0,315	0,001	0,010	0,049	FALSE
-0,021	0,295	-0,001	0,008	0,061	FALSE
-0,055	0,310	-0,002	0,010	0,069	FALSE
-0,150	0,306	-0,003	0,007	0,193	FALSE
-0,038	0,314	-0,001	0,012	0,028	FALSE
-0,055	0,315	-0,002	0,010	0,064	FALSE
0,156	0,308	0,007	0,013	0,230	FALSE
0,005	0,309	0,001	0,013	0,017	FALSE
0,020	0,312	0,001	0,012	0,026	FALSE
0,171	0,292	0,004	0,007	0,249	FALSE
0,133	0,310	0,004	0,008	0,176	FALSE
0,026	0,317	0,001	0,008	0,038	FALSE
0,083	0,301	0,003	0,009	0,123	FALSE
0,029	0,291	0,000	0,007	0,013	FALSE

0,136	0,298	0,004	0,007	0,231	FALSE
0,109	0,291	0,004	0,009	0,172	FALSE
0,043	0,311	0,001	0,007	0,029	FALSE
0,055	0,302	0,002	0,012	0,062	FALSE
0,196	0,294	0,006	0,010	0,280	FALSE
0,069	0,319	0,003	0,012	0,081	FALSE
0,058	0,297	0,002	0,009	0,070	FALSE
0,005	0,312	0,000	0,011	0,016	FALSE
0,078	0,319	0,004	0,012	0,113	FALSE
-0,075	0,306	-0,002	0,007	0,090	FALSE
-0,196	0,301	-0,004	0,006	0,306	FALSE
-0,002	0,323	0,000	0,008	0,011	FALSE
0,048	0,314	0,001	0,008	0,066	FALSE
0,007	0,301	0,001	0,013	0,041	FALSE
0,128	0,296	0,004	0,012	0,149	FALSE
-0,024	0,312	-0,001	0,012	0,027	FALSE
0,031	0,307	0,001	0,007	0,042	FALSE
0,055	0,302	0,001	0,012	0,037	FALSE
0,031	0,294	0,002	0,011	0,073	FALSE
-0,138	0,300	-0,004	0,009	0,165	FALSE
0,058	0,313	0,001	0,007	0,057	FALSE
-0,072	0,310	-0,002	0,008	0,105	FALSE
-0,083	0,291	-0,002	0,008	0,125	FALSE
-0,088	0,311	-0,004	0,013	0,109	FALSE
0,009	0,297	0,000	0,012	0,005	FALSE
0,025	0,318	0,001	0,013	0,015	FALSE
0,038	0,303	0,001	0,010	0,020	FALSE
-0,106	0,311	-0,002	0,007	0,131	FALSE
0,217	0,298	0,008	0,011	0,340	FALSE
0,034	0,314	0,001	0,010	0,046	FALSE
0,000	0,307	0,001	0,008	0,026	FALSE
0,144	0,303	0,004	0,009	0,201	FALSE
-0,090	0,311	-0,003	0,008	0,123	FALSE
0,083	0,311	0,003	0,010	0,125	FALSE
-0,186	0,291	-0,008	0,012	0,293	FALSE
0,029	0,303	0,002	0,011	0,053	FALSE
0,015	0,316	0,001	0,007	0,026	FALSE
-0,208	0,296	-0,006	0,009	0,301	FALSE
0,109	0,304	0,002	0,006	0,130	FALSE
0,092	0,315	0,004	0,013	0,120	FALSE
0,176	0,307	0,004	0,009	0,207	FALSE
0,235	0,298	0,006	0,008	0,348	FALSE
0,160	0,310	0,004	0,008	0,240	FALSE
0,118	0,307	0,003	0,010	0,130	FALSE
0,004	0,306	0,000	0,007	0,006	FALSE
-0,005	0,309	-0,001	0,007	0,025	FALSE
-0,048	0,304	-0,001	0,008	0,051	FALSE
-0,074	0,300	-0,001	0,008	0,067	FALSE
-0,084	0,303	-0,002	0,007	0,111	FALSE
-0,032	0,307	-0,001	0,008	0,041	FALSE
0,016	0,299	0,001	0,007	0,027	FALSE
0,025	0,310	0,001	0,007	0,044	FALSE
0,112	0,302	0,004	0,010	0,177	FALSE

-0,094	0,318	-0,003	0,010	0,121	FALSE
0,092	0,310	0,002	0,007	0,124	FALSE
0,103	0,290	0,004	0,012	0,123	FALSE
-0,033	0,301	-0,001	0,008	0,062	FALSE
-0,115	0,288	-0,004	0,009	0,169	FALSE
0,034	0,300	0,001	0,012	0,042	FALSE
-0,065	0,320	-0,002	0,010	0,072	FALSE
-0,125	0,307	-0,003	0,008	0,141	FALSE
-0,089	0,297	-0,002	0,008	0,102	FALSE
0,001	0,311	0,000	0,009	0,008	FALSE
-0,063	0,318	-0,001	0,007	0,068	FALSE
0,019	0,307	0,000	0,009	0,006	FALSE
0,133	0,306	0,006	0,013	0,182	FALSE
0,076	0,300	0,002	0,007	0,117	FALSE
0,069	0,303	0,002	0,007	0,115	FALSE
-0,023	0,292	-0,001	0,009	0,034	FALSE
0,120	0,305	0,004	0,012	0,139	FALSE
0,085	0,312	0,004	0,012	0,133	FALSE
0,022	0,317	0,000	0,007	0,015	FALSE
0,049	0,315	0,001	0,008	0,060	FALSE
0,054	0,325	0,001	0,008	0,068	FALSE
-0,027	0,318	-0,001	0,012	0,028	FALSE
-0,073	0,288	-0,002	0,009	0,094	FALSE
-0,069	0,289	-0,002	0,009	0,071	FALSE
0,001	0,302	0,000	0,008	0,024	FALSE
0,204	0,294	0,006	0,008	0,310	FALSE
-0,055	0,311	-0,002	0,007	0,083	FALSE
-0,012	0,321	0,000	0,007	0,015	FALSE
0,094	0,294	0,003	0,007	0,160	FALSE
-0,024	0,302	-0,001	0,007	0,038	FALSE
0,143	0,313	0,004	0,010	0,156	FALSE
0,088	0,303	0,003	0,009	0,127	FALSE
-0,026	0,298	0,000	0,007	0,015	FALSE
-0,049	0,317	-0,003	0,012	0,095	FALSE
0,048	0,310	0,001	0,010	0,022	FALSE
0,059	0,305	0,002	0,009	0,106	FALSE
-0,062	0,316	-0,002	0,009	0,081	FALSE
0,061	0,310	0,001	0,007	0,057	FALSE
0,026	0,308	0,000	0,008	0,008	FALSE
-0,023	0,313	-0,001	0,009	0,049	FALSE
0,017	0,309	0,001	0,009	0,022	FALSE
0,007	0,315	0,000	0,007	0,006	FALSE
-0,096	0,297	-0,004	0,010	0,135	FALSE
0,045	0,304	0,001	0,012	0,039	FALSE
-0,041	0,289	-0,001	0,006	0,064	FALSE
-0,083	0,315	-0,003	0,010	0,110	FALSE
0,055	0,310	0,002	0,012	0,076	FALSE
-0,146	0,298	-0,005	0,009	0,259	FALSE
0,060	0,309	0,002	0,008	0,077	FALSE
0,082	0,310	0,003	0,013	0,081	FALSE
-0,086	0,296	-0,002	0,008	0,109	FALSE
-0,028	0,319	-0,001	0,008	0,029	FALSE
-0,074	0,310	-0,002	0,008	0,095	FALSE

-0,065	0,294	-0,001	0,010	0,055	FALSE
-0,058	0,291	-0,001	0,010	0,046	FALSE
-0,067	0,315	-0,002	0,013	0,061	FALSE
0,106	0,307	0,003	0,011	0,118	FALSE
-0,073	0,311	-0,002	0,007	0,106	FALSE
-0,061	0,295	-0,002	0,007	0,085	FALSE
-0,074	0,302	-0,003	0,012	0,098	FALSE
0,004	0,319	0,000	0,007	0,012	FALSE
0,120	0,298	0,002	0,007	0,140	FALSE
0,055	0,317	0,001	0,008	0,058	FALSE
0,019	0,306	0,000	0,009	0,009	FALSE
-0,012	0,309	-0,001	0,012	0,022	FALSE
-0,008	0,306	-0,001	0,012	0,020	FALSE
-0,079	0,298	-0,003	0,011	0,125	FALSE
-0,043	0,306	-0,002	0,010	0,063	FALSE
0,028	0,322	0,002	0,013	0,043	FALSE
-0,119	0,321	-0,003	0,008	0,169	FALSE
0,030	0,324	0,001	0,014	0,027	FALSE
0,026	0,299	0,002	0,011	0,066	FALSE
-0,015	0,297	0,000	0,011	0,004	FALSE
0,085	0,306	0,003	0,012	0,101	FALSE
0,012	0,306	0,001	0,007	0,036	FALSE
-0,071	0,305	-0,003	0,010	0,116	FALSE
-0,043	0,296	-0,001	0,006	0,035	FALSE
-0,146	0,315	-0,003	0,007	0,186	FALSE
-0,083	0,299	-0,003	0,013	0,103	FALSE
0,077	0,324	0,002	0,011	0,086	FALSE
-0,071	0,309	-0,001	0,008	0,055	FALSE
0,024	0,303	0,001	0,010	0,054	FALSE
-0,088	0,293	-0,003	0,013	0,103	FALSE
-0,078	0,305	-0,002	0,007	0,081	FALSE
0,030	0,311	0,001	0,008	0,035	FALSE
0,016	0,311	0,000	0,012	0,001	FALSE
0,093	0,299	0,002	0,010	0,089	FALSE
0,097	0,302	0,002	0,008	0,125	FALSE
-0,133	0,297	-0,004	0,010	0,162	FALSE
-0,056	0,307	-0,003	0,013	0,092	FALSE
0,064	0,299	0,002	0,012	0,076	FALSE
-0,131	0,293	-0,004	0,009	0,179	FALSE
0,005	0,313	0,000	0,008	0,018	FALSE
-0,102	0,308	-0,003	0,011	0,118	FALSE
-0,074	0,294	-0,002	0,007	0,105	FALSE
0,037	0,315	0,002	0,011	0,067	FALSE
-0,007	0,309	0,001	0,008	0,026	FALSE
0,127	0,302	0,004	0,011	0,147	FALSE
-0,057	0,313	-0,002	0,011	0,064	FALSE
0,027	0,317	0,001	0,012	0,038	FALSE
-0,095	0,309	-0,002	0,008	0,114	FALSE
0,025	0,310	0,000	0,008	0,016	FALSE
0,004	0,305	0,000	0,007	0,011	FALSE
-0,191	0,296	-0,004	0,007	0,262	FALSE
0,035	0,313	0,001	0,007	0,052	FALSE
0,047	0,294	0,002	0,010	0,079	FALSE

0,082	0,299	0,002	0,007	0,078	FALSE
0,015	0,307	0,000	0,007	0,014	FALSE
-0,110	0,302	-0,003	0,008	0,135	FALSE
-0,095	0,322	-0,002	0,008	0,107	FALSE
-0,006	0,308	0,000	0,009	0,001	FALSE
-0,121	0,310	-0,004	0,009	0,172	FALSE
-0,011	0,310	0,000	0,011	0,005	FALSE
0,062	0,319	0,003	0,012	0,090	FALSE
0,092	0,314	0,003	0,012	0,085	FALSE
0,082	0,309	0,003	0,013	0,081	FALSE
0,068	0,317	0,002	0,007	0,099	FALSE
0,115	0,307	0,004	0,010	0,163	FALSE
0,056	0,311	0,002	0,009	0,077	FALSE
0,036	0,299	0,001	0,010	0,040	FALSE
-0,023	0,303	-0,001	0,010	0,030	FALSE
-0,010	0,309	0,000	0,010	0,012	FALSE
-0,012	0,299	-0,001	0,010	0,021	FALSE
0,048	0,292	0,002	0,010	0,067	FALSE
-0,004	0,317	0,000	0,006	0,012	FALSE
0,059	0,314	0,001	0,008	0,065	FALSE
0,008	0,299	0,001	0,012	0,031	FALSE
-0,013	0,315	0,000	0,007	0,022	FALSE
-0,132	0,288	-0,005	0,012	0,180	FALSE
0,016	0,321	0,000	0,012	0,010	FALSE
-0,168	0,307	-0,007	0,013	0,236	FALSE
-0,081	0,311	-0,002	0,008	0,083	FALSE
-0,054	0,298	-0,001	0,012	0,034	FALSE
-0,024	0,303	0,000	0,008	0,005	FALSE
0,039	0,314	0,002	0,008	0,074	FALSE
0,036	0,304	0,000	0,006	0,016	FALSE
0,195	0,291	0,007	0,012	0,267	FALSE
-0,041	0,318	0,000	0,008	0,016	FALSE
0,066	0,294	0,001	0,007	0,069	FALSE
-0,026	0,315	0,000	0,010	0,001	FALSE
-0,021	0,314	0,000	0,010	0,007	FALSE
-0,012	0,315	0,000	0,011	0,010	FALSE
0,007	0,306	0,001	0,009	0,043	FALSE
0,064	0,309	0,002	0,007	0,106	TRUE
0,047	0,311	0,002	0,012	0,054	FALSE
-0,096	0,303	-0,003	0,009	0,110	FALSE
-0,040	0,306	-0,001	0,013	0,029	FALSE
-0,064	0,307	-0,001	0,006	0,071	FALSE
-0,038	0,323	-0,001	0,008	0,061	FALSE
-0,076	0,301	-0,003	0,010	0,116	FALSE
-0,103	0,303	-0,004	0,010	0,164	FALSE
-0,027	0,305	-0,001	0,008	0,041	FALSE
0,088	0,300	0,002	0,007	0,080	FALSE
-0,070	0,312	-0,003	0,011	0,106	FALSE
0,068	0,325	0,002	0,011	0,089	FALSE
0,074	0,306	0,003	0,011	0,100	FALSE
-0,043	0,312	-0,002	0,011	0,061	FALSE
0,049	0,306	0,001	0,007	0,038	FALSE
-0,036	0,316	-0,002	0,013	0,057	FALSE

0,036	0,322	0,001	0,013	0,032	FALSE
-0,014	0,305	0,000	0,011	0,013	FALSE
0,096	0,310	0,002	0,007	0,125	FALSE
-0,027	0,317	0,000	0,008	0,015	FALSE
-0,078	0,303	-0,003	0,010	0,115	FALSE
0,018	0,310	0,001	0,008	0,030	FALSE
-0,024	0,299	0,000	0,008	0,022	FALSE
-0,039	0,316	-0,002	0,009	0,060	FALSE
-0,055	0,310	-0,001	0,008	0,045	FALSE
-0,055	0,306	-0,001	0,008	0,042	FALSE
0,043	0,293	0,001	0,009	0,032	FALSE
0,019	0,299	0,001	0,010	0,026	FALSE
0,051	0,317	0,001	0,008	0,058	FALSE
0,106	0,313	0,004	0,012	0,121	FALSE
-0,091	0,316	-0,004	0,012	0,131	FALSE
0,053	0,297	0,002	0,009	0,065	FALSE
0,032	0,300	0,001	0,008	0,045	FALSE
-0,037	0,318	-0,001	0,009	0,034	FALSE
0,141	0,326	0,003	0,006	0,192	FALSE
-0,030	0,294	-0,001	0,011	0,027	FALSE
0,032	0,293	0,001	0,007	0,034	FALSE
0,150	0,313	0,006	0,012	0,195	FALSE
-0,124	0,311	-0,005	0,012	0,177	FALSE
0,026	0,306	0,002	0,010	0,058	FALSE
0,010	0,317	0,000	0,010	0,004	FALSE
0,004	0,318	0,000	0,011	0,005	FALSE
-0,038	0,309	-0,002	0,009	0,080	FALSE
0,030	0,315	0,001	0,008	0,033	FALSE
-0,130	0,284	-0,003	0,008	0,178	FALSE
0,036	0,290	0,000	0,009	0,015	FALSE
0,005	0,299	0,000	0,010	0,011	FALSE
-0,070	0,298	-0,002	0,007	0,130	FALSE
-0,006	0,306	0,001	0,010	0,037	FALSE
0,145	0,305	0,005	0,011	0,180	FALSE
-0,081	0,302	-0,001	0,009	0,059	FALSE
0,035	0,315	0,001	0,010	0,053	FALSE
0,065	0,313	0,002	0,007	0,085	FALSE
-0,094	0,311	-0,003	0,010	0,101	FALSE
-0,108	0,304	-0,002	0,007	0,136	FALSE
0,085	0,303	0,002	0,009	0,101	FALSE
-0,056	0,302	-0,001	0,006	0,085	FALSE
0,037	0,327	0,001	0,009	0,033	FALSE
0,008	0,307	0,001	0,009	0,022	FALSE
-0,029	0,306	-0,001	0,006	0,035	FALSE
0,024	0,287	0,001	0,008	0,026	FALSE
0,033	0,298	0,002	0,010	0,061	FALSE
0,014	0,268	0,000	0,011	0,014	FALSE
-0,037	0,286	-0,002	0,011	0,069	FALSE
0,094	0,321	0,003	0,010	0,127	FALSE
0,095	0,319	0,004	0,013	0,131	FALSE
-0,077	0,307	-0,004	0,013	0,137	FALSE
0,095	0,298	0,003	0,010	0,111	FALSE
0,046	0,285	0,001	0,010	0,053	FALSE

0,052	0,295	0,001	0,007	0,079	FALSE
-0,008	0,311	0,000	0,007	0,017	FALSE
-0,027	0,300	0,000	0,010	0,009	FALSE
-0,024	0,298	0,000	0,009	0,008	FALSE
-0,078	0,308	-0,003	0,009	0,125	FALSE
0,207	0,303	0,007	0,012	0,276	FALSE
-0,107	0,284	-0,004	0,008	0,176	FALSE
0,036	0,297	0,001	0,011	0,039	FALSE
0,054	0,295	0,002	0,010	0,092	FALSE
-0,190	0,302	-0,008	0,012	0,295	FALSE
0,051	0,297	0,002	0,013	0,068	FALSE
0,079	0,300	0,003	0,007	0,137	FALSE
0,066	0,311	0,002	0,008	0,109	FALSE
0,000	0,307	0,001	0,012	0,029	FALSE
0,025	0,322	0,001	0,008	0,028	FALSE
-0,062	0,309	-0,002	0,010	0,086	FALSE
-0,082	0,309	-0,003	0,010	0,100	FALSE
-0,024	0,305	-0,001	0,008	0,023	FALSE
-0,007	0,310	0,000	0,013	0,010	FALSE
-0,126	0,290	-0,003	0,007	0,190	FALSE
0,120	0,312	0,002	0,007	0,135	FALSE
-0,036	0,298	-0,001	0,009	0,050	FALSE
-0,089	0,312	-0,005	0,012	0,154	FALSE
-0,063	0,302	-0,002	0,010	0,085	FALSE
-0,041	0,313	-0,002	0,012	0,060	FALSE
0,039	0,303	0,001	0,012	0,038	FALSE
-0,039	0,305	-0,001	0,009	0,039	FALSE
0,052	0,302	0,001	0,008	0,060	FALSE
0,167	0,310	0,004	0,008	0,232	FALSE
0,016	0,317	0,000	0,007	0,002	FALSE
0,051	0,305	0,001	0,006	0,059	FALSE
0,019	0,302	0,000	0,007	0,002	FALSE
0,004	0,316	0,000	0,009	0,003	FALSE
0,000	0,323	0,000	0,009	0,004	FALSE
0,025	0,312	0,001	0,009	0,037	FALSE
-0,011	0,294	0,000	0,006	0,004	FALSE
-0,004	0,321	0,000	0,012	0,003	FALSE
0,017	0,311	0,000	0,013	0,005	FALSE
0,137	0,308	0,005	0,011	0,200	FALSE
-0,083	0,296	-0,003	0,009	0,115	FALSE
-0,007	0,314	0,001	0,013	0,014	FALSE
-0,019	0,310	-0,001	0,011	0,023	FALSE
-0,146	0,310	-0,003	0,006	0,196	FALSE
0,136	0,311	0,003	0,007	0,143	FALSE
0,053	0,309	0,001	0,009	0,055	FALSE
0,031	0,311	0,001	0,011	0,044	FALSE
-0,033	0,314	-0,001	0,012	0,040	FALSE
0,006	0,288	0,001	0,009	0,038	FALSE
0,052	0,317	0,002	0,010	0,066	FALSE
0,026	0,313	0,001	0,009	0,030	FALSE
0,028	0,298	0,002	0,010	0,055	FALSE
0,035	0,303	0,002	0,013	0,070	FALSE
0,021	0,307	0,001	0,012	0,041	FALSE

0,044	0,306	0,003	0,014	0,070	FALSE
-0,065	0,306	-0,003	0,013	0,095	FALSE
0,115	0,312	0,002	0,007	0,139	FALSE
-0,017	0,309	0,000	0,013	0,004	FALSE
-0,136	0,304	-0,004	0,009	0,178	FALSE
-0,037	0,287	-0,002	0,011	0,055	FALSE
0,030	0,296	0,001	0,013	0,021	FALSE
-0,062	0,310	-0,002	0,010	0,075	FALSE
0,030	0,316	0,000	0,012	0,014	FALSE
0,063	0,312	0,002	0,010	0,072	FALSE
-0,065	0,312	-0,002	0,009	0,068	FALSE
0,154	0,304	0,005	0,010	0,230	FALSE
0,089	0,322	0,003	0,011	0,117	FALSE
-0,086	0,301	-0,002	0,006	0,109	FALSE
-0,069	0,315	-0,001	0,007	0,075	FALSE
-0,015	0,304	0,000	0,007	0,023	FALSE
0,056	0,301	0,001	0,012	0,034	FALSE
0,018	0,310	0,000	0,008	0,000	FALSE
-0,040	0,297	-0,002	0,012	0,052	FALSE
0,054	0,322	0,002	0,009	0,070	FALSE
0,108	0,304	0,004	0,011	0,125	FALSE
-0,077	0,313	-0,002	0,011	0,081	FALSE
0,105	0,315	0,004	0,011	0,149	FALSE
0,076	0,310	0,004	0,013	0,105	FALSE
0,040	0,313	0,002	0,012	0,046	FALSE
-0,083	0,290	-0,003	0,012	0,083	FALSE
-0,023	0,297	-0,002	0,012	0,051	FALSE
-0,064	0,299	-0,003	0,012	0,079	FALSE
-0,040	0,294	-0,002	0,009	0,063	FALSE
-0,012	0,317	-0,001	0,008	0,025	FALSE
0,008	0,308	0,000	0,009	0,016	FALSE
0,020	0,322	0,001	0,007	0,054	FALSE
0,173	0,308	0,008	0,013	0,263	FALSE
-0,016	0,306	-0,001	0,006	0,031	FALSE
0,001	0,309	0,000	0,011	0,003	FALSE
0,174	0,312	0,007	0,012	0,257	FALSE
0,136	0,309	0,003	0,009	0,147	FALSE
0,002	0,316	0,000	0,007	0,013	FALSE
0,050	0,316	0,002	0,008	0,072	FALSE
0,011	0,305	0,001	0,007	0,035	FALSE
-0,122	0,313	-0,004	0,011	0,148	FALSE
0,051	0,315	0,001	0,013	0,036	FALSE
0,042	0,306	0,001	0,012	0,029	FALSE
0,041	0,291	0,001	0,010	0,035	FALSE
0,064	0,313	0,001	0,007	0,047	FALSE
-0,110	0,290	-0,003	0,010	0,129	FALSE
0,044	0,292	0,002	0,012	0,062	FALSE
-0,067	0,286	-0,002	0,008	0,104	FALSE
0,090	0,310	0,003	0,008	0,135	FALSE
-0,047	0,317	-0,002	0,013	0,053	FALSE
0,000	0,325	0,001	0,008	0,031	FALSE
-0,020	0,305	0,000	0,006	0,019	FALSE
-0,023	0,306	0,000	0,007	0,002	FALSE

-0,072	0,298	-0,001	0,006	0,065	FALSE
-0,030	0,306	0,000	0,011	0,012	FALSE
0,006	0,294	0,000	0,009	0,004	FALSE
-0,068	0,304	-0,003	0,011	0,100	FALSE
0,096	0,310	0,003	0,008	0,133	FALSE
-0,071	0,305	-0,002	0,009	0,106	FALSE
0,007	0,316	0,000	0,013	0,013	FALSE
-0,063	0,316	-0,003	0,013	0,083	FALSE
-0,010	0,320	-0,001	0,009	0,037	FALSE
0,031	0,316	0,001	0,013	0,040	FALSE
0,091	0,306	0,002	0,007	0,081	FALSE
0,038	0,309	0,001	0,007	0,060	FALSE
0,138	0,294	0,003	0,007	0,202	FALSE
-0,122	0,311	-0,003	0,008	0,173	FALSE
0,003	0,307	-0,001	0,012	0,019	FALSE
0,008	0,312	0,001	0,011	0,017	FALSE
-0,080	0,303	-0,002	0,009	0,100	FALSE
0,067	0,319	0,002	0,009	0,090	FALSE
-0,033	0,318	-0,001	0,013	0,036	FALSE
-0,188	0,290	-0,005	0,008	0,287	FALSE
-0,021	0,283	0,000	0,009	0,007	FALSE
-0,106	0,283	-0,003	0,006	0,163	FALSE
0,002	0,311	0,000	0,012	0,007	FALSE
0,082	0,306	0,004	0,012	0,131	FALSE
-0,008	0,301	0,000	0,010	0,002	FALSE
-0,162	0,304	-0,005	0,010	0,218	FALSE
0,122	0,304	0,003	0,008	0,140	FALSE
0,015	0,311	0,000	0,008	0,014	FALSE
-0,140	0,307	-0,005	0,013	0,171	FALSE
0,050	0,287	0,001	0,007	0,064	FALSE
-0,101	0,311	-0,002	0,007	0,108	FALSE
0,037	0,320	0,001	0,008	0,064	FALSE
0,028	0,311	0,001	0,007	0,031	FALSE
0,188	0,296	0,006	0,010	0,244	FALSE
0,195	0,302	0,006	0,011	0,263	FALSE
0,083	0,314	0,002	0,012	0,076	FALSE
0,029	0,301	0,000	0,008	0,018	FALSE
0,003	0,311	0,000	0,009	0,005	FALSE
-0,003	0,300	0,000	0,013	0,001	FALSE
0,011	0,299	0,000	0,008	0,003	FALSE
-0,030	0,312	-0,001	0,013	0,038	FALSE
0,050	0,311	0,002	0,009	0,084	FALSE
-0,088	0,318	-0,002	0,008	0,106	FALSE
0,054	0,307	0,001	0,008	0,037	FALSE
0,072	0,317	0,001	0,008	0,061	FALSE
0,002	0,319	0,000	0,009	0,013	FALSE
-0,026	0,312	-0,002	0,013	0,050	FALSE
-0,089	0,315	-0,004	0,013	0,105	FALSE
0,038	0,316	0,002	0,011	0,052	FALSE
0,016	0,310	0,001	0,007	0,035	FALSE
-0,040	0,278	-0,001	0,006	0,068	FALSE
0,052	0,307	0,002	0,008	0,096	FALSE
0,087	0,303	0,003	0,010	0,110	FALSE

-0,005	0,288	0,000	0,010	0,006	FALSE
0,105	0,311	0,003	0,007	0,157	FALSE
-0,052	0,303	-0,001	0,009	0,050	FALSE
0,062	0,313	0,001	0,007	0,056	FALSE
0,066	0,312	0,002	0,008	0,077	FALSE
0,059	0,312	0,002	0,010	0,076	FALSE
0,012	0,313	0,000	0,007	0,010	FALSE
-0,049	0,311	-0,002	0,009	0,072	FALSE
-0,077	0,298	-0,003	0,009	0,116	FALSE
0,050	0,300	0,002	0,010	0,071	FALSE
0,013	0,300	0,000	0,008	0,012	FALSE
0,003	0,303	0,000	0,007	0,008	FALSE
-0,007	0,302	0,000	0,008	0,002	FALSE
0,131	0,311	0,003	0,007	0,195	FALSE
-0,013	0,312	0,000	0,007	0,014	FALSE
0,058	0,302	0,002	0,008	0,077	FALSE
0,038	0,314	0,002	0,013	0,066	FALSE
-0,018	0,312	0,000	0,011	0,001	FALSE
0,008	0,298	0,002	0,012	0,046	FALSE
-0,043	0,297	-0,001	0,006	0,046	FALSE
0,098	0,300	0,002	0,009	0,111	FALSE
-0,001	0,317	0,000	0,008	0,003	FALSE
-0,103	0,313	-0,002	0,007	0,138	FALSE
0,058	0,304	0,002	0,012	0,061	FALSE
-0,112	0,313	-0,004	0,009	0,152	FALSE
-0,131	0,295	-0,003	0,007	0,179	FALSE
-0,011	0,306	0,000	0,012	0,008	FALSE
-0,068	0,289	-0,002	0,008	0,097	FALSE
-0,046	0,293	-0,004	0,012	0,122	FALSE
0,123	0,317	0,003	0,007	0,157	FALSE
0,030	0,299	0,002	0,007	0,086	FALSE
0,012	0,316	0,000	0,010	0,014	FALSE
-0,032	0,314	0,000	0,008	0,011	FALSE
-0,005	0,332	0,000	0,012	0,010	FALSE
0,081	0,299	0,002	0,008	0,105	FALSE
0,049	0,320	0,002	0,008	0,076	FALSE
0,031	0,306	0,001	0,008	0,031	FALSE
-0,026	0,292	-0,001	0,010	0,031	FALSE
0,020	0,314	0,001	0,012	0,031	FALSE
-0,053	0,321	-0,002	0,008	0,080	FALSE
-0,076	0,317	-0,003	0,009	0,115	FALSE
-0,049	0,307	-0,001	0,006	0,046	FALSE
0,048	0,301	0,001	0,006	0,070	FALSE
-0,152	0,300	-0,003	0,006	0,188	FALSE
-0,013	0,312	0,001	0,013	0,020	FALSE
-0,061	0,297	-0,002	0,011	0,070	FALSE
0,029	0,306	0,001	0,009	0,036	FALSE
-0,082	0,305	-0,003	0,008	0,127	FALSE
-0,018	0,321	-0,001	0,010	0,022	FALSE
-0,051	0,311	-0,001	0,009	0,051	FALSE
0,034	0,295	0,000	0,006	0,026	FALSE
0,025	0,309	0,001	0,009	0,052	FALSE
-0,033	0,314	-0,001	0,009	0,025	FALSE

0,006	0,297	0,001	0,008	0,048	FALSE
-0,029	0,315	-0,001	0,009	0,022	FALSE
0,096	0,313	0,004	0,012	0,130	FALSE
0,000	0,295	0,000	0,006	0,021	FALSE
0,173	0,297	0,005	0,009	0,242	FALSE
0,036	0,316	0,002	0,013	0,053	FALSE
-0,055	0,317	-0,002	0,012	0,056	FALSE
0,149	0,299	0,006	0,012	0,215	FALSE
-0,068	0,310	-0,002	0,010	0,094	FALSE
0,129	0,322	0,004	0,009	0,171	FALSE
-0,045	0,308	-0,001	0,009	0,042	FALSE
-0,056	0,301	-0,001	0,009	0,058	FALSE
0,089	0,297	0,002	0,007	0,117	FALSE
0,096	0,313	0,002	0,006	0,143	FALSE
0,038	0,309	0,001	0,008	0,024	FALSE
-0,039	0,304	-0,001	0,013	0,029	FALSE
-0,208	0,300	-0,006	0,009	0,288	FALSE
-0,035	0,308	-0,001	0,009	0,033	FALSE
-0,057	0,302	-0,001	0,008	0,045	FALSE
-0,064	0,313	-0,002	0,009	0,089	FALSE
0,115	0,314	0,004	0,011	0,163	FALSE
-0,066	0,288	-0,002	0,010	0,098	FALSE
0,081	0,311	0,003	0,008	0,127	FALSE
-0,044	0,304	-0,001	0,012	0,031	FALSE
0,159	0,292	0,004	0,007	0,223	FALSE
0,048	0,312	0,001	0,006	0,076	FALSE
-0,197	0,299	-0,006	0,010	0,271	FALSE
0,021	0,314	0,001	0,007	0,038	FALSE
-0,054	0,305	-0,002	0,011	0,078	FALSE
0,030	0,299	0,002	0,010	0,062	FALSE
0,080	0,305	0,001	0,007	0,069	FALSE
0,030	0,320	0,001	0,008	0,045	FALSE
0,076	0,306	0,002	0,008	0,109	FALSE
0,106	0,303	0,004	0,009	0,167	FALSE
0,029	0,311	0,001	0,011	0,019	FALSE
-0,096	0,313	-0,004	0,012	0,134	FALSE
0,064	0,321	0,001	0,006	0,055	FALSE
-0,075	0,298	-0,002	0,007	0,101	FALSE
-0,116	0,284	-0,002	0,006	0,133	FALSE
0,060	0,314	0,002	0,010	0,077	FALSE
-0,009	0,302	0,000	0,008	0,016	FALSE
-0,065	0,302	-0,001	0,006	0,075	FALSE
0,010	0,294	0,001	0,010	0,025	FALSE
0,109	0,299	0,004	0,009	0,177	FALSE
0,052	0,305	0,001	0,012	0,035	FALSE
-0,070	0,303	-0,002	0,010	0,082	FALSE
0,108	0,304	0,004	0,009	0,169	FALSE
-0,093	0,303	-0,002	0,007	0,107	FALSE
-0,071	0,309	-0,002	0,009	0,076	FALSE
0,033	0,304	0,002	0,012	0,051	FALSE
-0,104	0,313	-0,002	0,007	0,126	FALSE
-0,084	0,318	-0,002	0,007	0,109	FALSE
-0,020	0,299	-0,001	0,012	0,023	FALSE

-0,086	0,298	-0,002	0,010	0,098	FALSE
-0,043	0,290	-0,001	0,011	0,052	FALSE
-0,046	0,302	-0,002	0,011	0,063	FALSE
0,071	0,306	0,003	0,013	0,086	FALSE
-0,027	0,309	-0,001	0,006	0,034	FALSE
0,048	0,324	0,001	0,013	0,035	FALSE
0,067	0,313	0,002	0,007	0,091	FALSE
-0,031	0,294	-0,001	0,009	0,029	FALSE
-0,016	0,296	0,000	0,009	0,013	FALSE
-0,095	0,303	-0,004	0,013	0,133	FALSE
-0,061	0,308	-0,002	0,009	0,073	FALSE
0,083	0,311	0,002	0,010	0,091	FALSE
-0,026	0,306	0,000	0,009	0,017	FALSE
0,035	0,314	0,001	0,012	0,031	FALSE
0,156	0,308	0,004	0,009	0,219	FALSE
0,004	0,304	0,000	0,011	0,000	FALSE
0,016	0,314	0,001	0,008	0,025	FALSE
0,059	0,310	0,002	0,010	0,089	FALSE
-0,055	0,306	-0,001	0,007	0,047	FALSE
-0,016	0,305	0,000	0,008	0,002	FALSE
-0,044	0,331	-0,001	0,009	0,045	FALSE
0,167	0,309	0,004	0,007	0,229	FALSE
-0,008	0,309	0,000	0,006	0,000	FALSE
-0,081	0,307	-0,002	0,011	0,088	FALSE
0,034	0,290	0,001	0,011	0,039	FALSE
0,121	0,305	0,004	0,012	0,149	FALSE
-0,064	0,315	-0,001	0,011	0,046	FALSE
-0,078	0,318	-0,002	0,012	0,075	FALSE
-0,087	0,309	-0,002	0,010	0,088	FALSE
0,162	0,306	0,005	0,010	0,208	FALSE
0,017	0,293	0,001	0,009	0,024	FALSE
0,066	0,291	0,002	0,007	0,100	FALSE
0,019	0,320	0,000	0,007	0,007	FALSE
-0,036	0,314	-0,001	0,007	0,037	FALSE
-0,029	0,290	-0,001	0,010	0,050	FALSE
0,014	0,307	0,001	0,012	0,021	FALSE
0,014	0,315	0,000	0,008	0,002	FALSE
-0,020	0,307	0,000	0,007	0,020	FALSE
-0,042	0,309	-0,001	0,009	0,033	FALSE
-0,070	0,299	-0,003	0,012	0,078	FALSE
0,081	0,300	0,003	0,009	0,119	FALSE
0,054	0,306	0,001	0,006	0,040	FALSE
-0,108	0,309	-0,002	0,008	0,128	FALSE
-0,098	0,300	-0,003	0,008	0,143	FALSE
-0,018	0,302	0,000	0,009	0,000	FALSE
-0,001	0,288	0,000	0,010	0,008	FALSE
0,095	0,303	0,004	0,012	0,117	FALSE
-0,047	0,308	-0,001	0,009	0,034	FALSE
0,032	0,312	0,001	0,009	0,044	FALSE
-0,033	0,316	-0,001	0,012	0,042	FALSE
0,048	0,304	0,001	0,007	0,037	FALSE
-0,013	0,313	0,000	0,008	0,017	FALSE
-0,018	0,288	0,000	0,007	0,020	FALSE

0,024	0,308	0,002	0,013	0,051	FALSE
-0,028	0,305	-0,001	0,008	0,025	FALSE
-0,093	0,314	-0,002	0,007	0,116	FALSE
-0,040	0,299	-0,001	0,006	0,045	FALSE
-0,031	0,296	0,000	0,008	0,021	FALSE
0,012	0,312	0,001	0,008	0,028	FALSE
-0,054	0,321	-0,001	0,010	0,036	FALSE
0,046	0,305	0,002	0,011	0,051	FALSE
-0,012	0,299	-0,001	0,008	0,037	FALSE
0,056	0,304	0,001	0,008	0,062	FALSE
-0,004	0,306	0,000	0,011	0,006	FALSE
0,044	0,308	0,001	0,006	0,053	FALSE
0,073	0,317	0,002	0,009	0,107	FALSE
0,077	0,312	0,003	0,012	0,108	FALSE
0,098	0,327	0,005	0,013	0,157	FALSE
-0,089	0,309	-0,003	0,010	0,109	FALSE
-0,060	0,302	-0,001	0,007	0,068	FALSE
-0,036	0,306	-0,003	0,013	0,079	FALSE
0,013	0,308	0,000	0,007	0,018	FALSE
0,074	0,321	0,002	0,007	0,095	FALSE
0,024	0,325	0,001	0,007	0,030	FALSE
-0,020	0,310	0,000	0,006	0,014	FALSE
0,053	0,316	0,003	0,013	0,081	FALSE
-0,031	0,291	-0,001	0,010	0,020	FALSE
-0,068	0,315	-0,002	0,009	0,087	FALSE
0,068	0,307	0,002	0,009	0,089	FALSE
0,078	0,305	0,002	0,008	0,095	FALSE
-0,034	0,303	-0,001	0,007	0,032	FALSE
0,159	0,303	0,004	0,007	0,220	FALSE
0,040	0,324	0,001	0,007	0,036	FALSE
-0,097	0,289	-0,002	0,006	0,097	FALSE
-0,112	0,305	-0,002	0,007	0,118	FALSE
0,155	0,302	0,006	0,010	0,228	FALSE
0,009	0,313	0,000	0,007	0,014	FALSE
-0,099	0,312	-0,003	0,008	0,136	FALSE
-0,016	0,301	-0,001	0,008	0,032	FALSE
-0,021	0,310	-0,001	0,012	0,021	FALSE
0,089	0,303	0,003	0,011	0,120	FALSE
0,035	0,303	0,001	0,009	0,047	FALSE
0,075	0,313	0,003	0,011	0,096	FALSE
0,078	0,317	0,003	0,011	0,114	FALSE
0,072	0,309	0,003	0,011	0,100	FALSE
0,064	0,313	0,002	0,010	0,079	FALSE
0,014	0,302	0,001	0,010	0,027	FALSE
0,059	0,311	0,002	0,011	0,078	FALSE
-0,049	0,286	-0,002	0,010	0,062	FALSE
0,049	0,300	0,001	0,009	0,062	FALSE
0,066	0,301	0,002	0,009	0,073	FALSE
0,051	0,298	0,001	0,008	0,044	FALSE
-0,012	0,306	0,000	0,011	0,003	FALSE
-0,036	0,310	-0,001	0,007	0,052	FALSE
-0,100	0,308	-0,003	0,009	0,144	FALSE
0,154	0,301	0,006	0,011	0,227	FALSE

-0,050	0,306	-0,001	0,008	0,074	FALSE
0,039	0,311	0,002	0,011	0,064	FALSE
-0,081	0,320	-0,002	0,007	0,117	FALSE
0,013	0,299	0,001	0,010	0,025	FALSE
-0,013	0,321	0,000	0,011	0,011	FALSE
0,004	0,305	0,000	0,011	0,012	FALSE
-0,047	0,315	-0,001	0,008	0,057	FALSE
0,025	0,313	0,001	0,009	0,022	FALSE
0,049	0,292	0,002	0,008	0,075	FALSE
-0,009	0,316	0,000	0,011	0,007	FALSE
0,003	0,322	0,000	0,010	0,004	FALSE
0,047	0,317	0,002	0,012	0,054	FALSE
0,023	0,302	0,000	0,007	0,006	FALSE
0,047	0,312	0,002	0,009	0,066	FALSE
0,032	0,307	0,002	0,011	0,063	FALSE
0,043	0,329	0,001	0,007	0,054	FALSE
0,018	0,310	0,001	0,008	0,026	FALSE
0,015	0,302	0,000	0,009	0,007	FALSE
0,131	0,305	0,004	0,008	0,210	FALSE
-0,006	0,321	0,000	0,013	0,002	FALSE
-0,035	0,306	-0,001	0,012	0,037	FALSE
0,062	0,287	0,002	0,010	0,064	FALSE
0,007	0,303	0,000	0,013	0,008	FALSE
0,084	0,304	0,003	0,011	0,103	FALSE
-0,010	0,305	0,000	0,013	0,008	FALSE
0,036	0,293	0,002	0,013	0,044	FALSE
0,012	0,302	0,000	0,013	0,008	FALSE
-0,016	0,293	0,000	0,008	0,014	FALSE
-0,067	0,308	-0,001	0,007	0,067	FALSE
-0,019	0,309	0,000	0,008	0,013	FALSE
0,021	0,310	0,001	0,009	0,035	FALSE
-0,024	0,310	-0,002	0,012	0,049	FALSE
-0,037	0,308	-0,001	0,009	0,062	FALSE
0,023	0,306	0,001	0,006	0,035	FALSE
0,014	0,309	0,000	0,010	0,005	FALSE
0,096	0,313	0,003	0,011	0,092	FALSE
0,104	0,312	0,003	0,011	0,095	FALSE
0,010	0,328	0,000	0,013	0,007	FALSE
-0,127	0,307	-0,004	0,009	0,166	FALSE
0,091	0,293	0,002	0,007	0,140	FALSE
-0,047	0,307	-0,001	0,007	0,079	FALSE
0,098	0,323	0,002	0,007	0,108	FALSE
0,098	0,306	0,002	0,007	0,085	FALSE
0,020	0,297	0,001	0,011	0,020	FALSE
-0,016	0,311	-0,001	0,011	0,027	FALSE
0,010	0,306	0,000	0,013	0,002	FALSE
0,074	0,303	0,004	0,011	0,132	FALSE
-0,040	0,309	-0,001	0,010	0,041	FALSE
-0,086	0,295	-0,002	0,007	0,128	FALSE
0,072	0,319	0,002	0,008	0,094	FALSE
-0,034	0,299	-0,001	0,009	0,058	FALSE
-0,066	0,308	-0,001	0,007	0,082	FALSE
-0,045	0,306	-0,002	0,010	0,062	FALSE

0,048	0,310	0,002	0,008	0,080	FALSE
0,012	0,305	0,000	0,007	0,005	FALSE
0,014	0,296	0,000	0,008	0,001	FALSE
0,042	0,293	0,001	0,008	0,037	FALSE
-0,052	0,295	-0,001	0,009	0,048	FALSE
0,054	0,313	0,003	0,012	0,079	FALSE
0,150	0,306	0,006	0,012	0,212	FALSE
-0,011	0,283	0,000	0,008	0,004	FALSE
0,021	0,309	0,000	0,009	0,008	FALSE
0,114	0,291	0,003	0,009	0,144	FALSE
0,038	0,304	0,001	0,010	0,051	FALSE
-0,039	0,328	-0,001	0,013	0,035	FALSE
-0,012	0,317	-0,001	0,013	0,021	FALSE
-0,023	0,310	-0,001	0,013	0,027	FALSE
0,058	0,301	0,001	0,007	0,050	FALSE
0,016	0,313	0,000	0,007	0,006	FALSE
0,052	0,306	0,001	0,012	0,042	FALSE
-0,036	0,298	-0,001	0,008	0,056	FALSE
0,006	0,310	0,000	0,008	0,020	FALSE
-0,108	0,298	-0,003	0,008	0,145	FALSE
0,012	0,297	0,001	0,013	0,019	FALSE
-0,093	0,318	-0,002	0,008	0,117	FALSE
-0,027	0,307	-0,001	0,010	0,031	FALSE
-0,005	0,303	0,000	0,011	0,009	FALSE
0,041	0,298	0,001	0,008	0,022	FALSE
-0,034	0,310	-0,001	0,010	0,033	FALSE
-0,140	0,315	-0,003	0,007	0,182	FALSE
0,035	0,293	0,001	0,009	0,037	FALSE
-0,002	0,296	0,000	0,010	0,012	FALSE
0,014	0,295	0,000	0,008	0,007	FALSE
0,040	0,292	0,002	0,011	0,064	FALSE
0,018	0,309	0,000	0,009	0,016	FALSE
0,100	0,312	0,002	0,008	0,112	FALSE
-0,217	0,294	-0,008	0,011	0,348	FALSE
0,038	0,318	0,001	0,008	0,050	FALSE
0,048	0,310	0,001	0,009	0,048	FALSE
0,097	0,305	0,003	0,010	0,112	FALSE
0,116	0,309	0,004	0,013	0,136	FALSE
0,056	0,288	0,002	0,008	0,090	FALSE
0,047	0,308	0,002	0,007	0,085	FALSE
0,187	0,294	0,005	0,008	0,254	FALSE
-0,152	0,302	-0,006	0,012	0,234	FALSE
-0,097	0,307	-0,003	0,009	0,150	FALSE
0,032	0,313	0,000	0,007	0,025	FALSE
-0,023	0,325	-0,001	0,012	0,025	FALSE
0,034	0,306	0,002	0,012	0,066	FALSE
0,045	0,298	0,003	0,012	0,088	FALSE
0,061	0,309	0,002	0,009	0,084	FALSE
0,025	0,314	0,000	0,012	0,003	FALSE
-0,133	0,294	-0,003	0,007	0,179	FALSE
0,041	0,311	0,001	0,013	0,035	FALSE
0,014	0,300	0,000	0,012	0,014	FALSE
-0,164	0,310	-0,004	0,007	0,222	FALSE

0,108	0,291	0,005	0,012	0,165	FALSE
0,152	0,294	0,006	0,012	0,229	FALSE
-0,038	0,316	-0,001	0,009	0,038	FALSE
0,059	0,316	0,002	0,010	0,058	FALSE
-0,048	0,297	-0,002	0,011	0,057	FALSE
0,007	0,301	0,000	0,007	0,015	FALSE
-0,010	0,309	0,000	0,008	0,020	FALSE
0,025	0,310	0,001	0,007	0,038	FALSE
0,072	0,302	0,001	0,007	0,081	FALSE
-0,006	0,300	0,000	0,008	0,007	FALSE
0,099	0,300	0,004	0,012	0,149	FALSE
0,056	0,304	0,003	0,012	0,090	FALSE
-0,017	0,316	-0,001	0,008	0,030	FALSE
0,019	0,310	0,000	0,013	0,009	FALSE
-0,021	0,306	0,000	0,007	0,014	FALSE
0,095	0,307	0,004	0,012	0,129	FALSE
-0,050	0,306	-0,001	0,008	0,043	FALSE
-0,076	0,299	-0,002	0,007	0,084	FALSE
0,028	0,307	0,001	0,009	0,039	FALSE
0,066	0,292	0,002	0,011	0,080	FALSE
-0,091	0,310	-0,004	0,013	0,113	FALSE
-0,066	0,295	-0,002	0,008	0,073	FALSE
0,005	0,328	0,000	0,013	0,005	FALSE
0,052	0,309	0,001	0,007	0,066	FALSE
-0,072	0,310	-0,002	0,010	0,089	FALSE
0,032	0,306	0,001	0,009	0,037	FALSE
-0,011	0,293	-0,001	0,010	0,025	FALSE
0,018	0,309	0,001	0,008	0,026	FALSE
-0,016	0,312	0,000	0,010	0,009	FALSE
0,143	0,311	0,004	0,009	0,185	FALSE
0,075	0,299	0,003	0,009	0,128	FALSE
-0,088	0,305	-0,003	0,009	0,109	FALSE
-0,074	0,297	-0,002	0,009	0,101	FALSE
-0,100	0,307	-0,003	0,009	0,139	FALSE
0,039	0,302	0,002	0,007	0,079	FALSE
0,161	0,304	0,005	0,010	0,206	FALSE
0,162	0,296	0,005	0,010	0,225	FALSE
0,156	0,300	0,005	0,010	0,213	FALSE
0,117	0,310	0,003	0,007	0,158	FALSE
-0,022	0,301	-0,001	0,009	0,032	FALSE
0,063	0,307	0,001	0,007	0,076	FALSE
0,138	0,297	0,003	0,007	0,180	FALSE
0,070	0,306	0,002	0,013	0,070	FALSE
0,041	0,301	0,001	0,008	0,036	FALSE
0,171	0,306	0,004	0,007	0,254	FALSE
0,020	0,309	0,001	0,007	0,030	FALSE
0,042	0,290	0,001	0,008	0,063	FALSE
0,038	0,302	0,002	0,012	0,052	FALSE
0,008	0,311	0,001	0,007	0,026	FALSE
0,073	0,327	0,002	0,009	0,072	FALSE
-0,068	0,316	-0,003	0,011	0,096	FALSE
-0,042	0,313	-0,003	0,013	0,091	FALSE
-0,140	0,304	-0,003	0,007	0,182	FALSE

-0,060	0,300	-0,001	0,006	0,075	FALSE
0,021	0,325	0,001	0,010	0,026	FALSE
-0,082	0,315	-0,003	0,010	0,121	FALSE
-0,066	0,310	-0,001	0,006	0,081	FALSE
-0,024	0,292	-0,001	0,010	0,031	FALSE
-0,011	0,305	0,000	0,009	0,006	FALSE
-0,062	0,311	-0,002	0,010	0,082	FALSE
0,080	0,301	0,003	0,008	0,148	FALSE
-0,089	0,307	-0,002	0,008	0,099	FALSE
0,016	0,317	0,001	0,008	0,026	FALSE
-0,037	0,291	-0,001	0,006	0,078	FALSE
0,005	0,307	-0,001	0,010	0,023	FALSE
0,033	0,311	0,002	0,012	0,058	FALSE
-0,079	0,302	-0,003	0,010	0,122	FALSE
-0,003	0,312	0,000	0,011	0,012	FALSE
0,002	0,325	0,000	0,013	0,004	FALSE
-0,007	0,302	-0,001	0,011	0,031	FALSE
0,120	0,309	0,006	0,012	0,189	FALSE
0,072	0,302	0,004	0,011	0,149	FALSE
-0,045	0,296	0,000	0,007	0,018	FALSE
0,023	0,302	0,001	0,007	0,042	FALSE
-0,121	0,319	-0,002	0,007	0,133	FALSE
0,060	0,322	0,001	0,008	0,070	FALSE
0,077	0,304	0,002	0,008	0,108	FALSE
0,015	0,309	0,001	0,008	0,027	FALSE
0,082	0,317	0,003	0,013	0,086	FALSE
-0,014	0,302	-0,001	0,010	0,043	FALSE
0,107	0,298	0,005	0,013	0,158	FALSE
-0,047	0,295	-0,001	0,008	0,036	FALSE
-0,015	0,293	0,000	0,011	0,011	FALSE
0,038	0,312	0,002	0,011	0,081	FALSE
0,063	0,306	0,002	0,012	0,050	FALSE
-0,086	0,306	-0,002	0,009	0,102	FALSE
0,034	0,314	0,001	0,010	0,031	FALSE
-0,103	0,316	-0,002	0,007	0,116	FALSE
-0,123	0,304	-0,003	0,007	0,156	FALSE
-0,007	0,295	0,001	0,011	0,030	FALSE
0,084	0,309	0,003	0,009	0,114	FALSE
-0,014	0,317	-0,001	0,008	0,040	FALSE
0,030	0,318	0,000	0,011	0,013	FALSE
0,047	0,308	0,001	0,008	0,043	FALSE
-0,003	0,310	0,000	0,008	0,011	FALSE
-0,088	0,304	-0,002	0,010	0,083	FALSE
-0,092	0,307	-0,003	0,013	0,099	FALSE
0,112	0,295	0,004	0,011	0,159	FALSE
0,046	0,305	0,002	0,012	0,063	FALSE
0,011	0,302	0,001	0,007	0,038	FALSE
0,063	0,296	0,003	0,011	0,092	FALSE
-0,040	0,307	-0,001	0,009	0,046	FALSE
0,082	0,317	0,002	0,007	0,113	FALSE
0,033	0,307	0,001	0,011	0,025	FALSE
-0,017	0,314	-0,001	0,012	0,031	FALSE
-0,012	0,300	-0,001	0,010	0,044	FALSE

-0,020	0,285	-0,001	0,011	0,022	FALSE
-0,029	0,300	-0,001	0,012	0,030	FALSE
0,023	0,296	0,001	0,010	0,036	FALSE
-0,035	0,313	-0,002	0,012	0,062	FALSE
-0,109	0,317	-0,004	0,010	0,158	FALSE
0,124	0,307	0,005	0,013	0,160	FALSE
0,134	0,311	0,005	0,013	0,163	FALSE
-0,062	0,303	-0,003	0,009	0,112	FALSE
0,014	0,303	0,000	0,007	0,019	FALSE
0,071	0,290	0,002	0,010	0,069	FALSE
0,109	0,298	0,004	0,008	0,173	FALSE
-0,033	0,310	-0,001	0,012	0,028	FALSE
0,041	0,320	0,002	0,013	0,054	FALSE
0,106	0,299	0,003	0,010	0,122	FALSE
-0,205	0,293	-0,005	0,007	0,307	FALSE
-0,075	0,303	-0,002	0,009	0,083	FALSE
-0,209	0,301	-0,009	0,012	0,330	FALSE
0,014	0,299	0,000	0,011	0,003	FALSE
0,018	0,303	0,001	0,011	0,022	FALSE
-0,074	0,317	-0,002	0,007	0,113	FALSE
0,020	0,297	0,001	0,009	0,024	FALSE
-0,014	0,309	0,000	0,007	0,022	FALSE
-0,015	0,312	0,000	0,010	0,004	FALSE
-0,047	0,315	-0,001	0,008	0,038	FALSE
0,046	0,311	0,001	0,010	0,023	FALSE
-0,022	0,314	-0,001	0,009	0,034	FALSE
-0,020	0,312	0,000	0,009	0,011	FALSE
-0,043	0,308	-0,001	0,010	0,048	FALSE
-0,089	0,308	-0,002	0,007	0,125	FALSE
0,050	0,305	0,002	0,010	0,056	FALSE
-0,097	0,310	-0,005	0,012	0,153	FALSE
-0,006	0,309	0,000	0,007	0,007	FALSE
0,149	0,302	0,003	0,007	0,214	FALSE
0,085	0,315	0,003	0,011	0,101	FALSE
0,229	0,304	0,008	0,011	0,327	FALSE
-0,004	0,311	0,000	0,008	0,015	FALSE
0,046	0,299	0,002	0,010	0,074	FALSE
0,153	0,300	0,003	0,007	0,184	FALSE
0,090	0,298	0,002	0,007	0,123	FALSE
-0,113	0,314	-0,002	0,007	0,121	FALSE
-0,052	0,303	-0,002	0,009	0,084	FALSE
-0,047	0,314	-0,002	0,012	0,067	FALSE
-0,026	0,313	-0,001	0,009	0,046	FALSE
-0,024	0,328	-0,001	0,010	0,050	FALSE
0,084	0,313	0,004	0,011	0,147	FALSE
0,123	0,317	0,004	0,008	0,196	FALSE
0,107	0,309	0,005	0,012	0,148	FALSE
-0,072	0,314	-0,003	0,009	0,122	FALSE
-0,071	0,308	-0,004	0,011	0,132	FALSE
-0,033	0,299	-0,002	0,013	0,066	FALSE
-0,030	0,316	-0,001	0,012	0,016	FALSE
-0,005	0,301	-0,001	0,009	0,029	FALSE
0,013	0,309	0,000	0,009	0,014	FALSE

0,100	0,308	0,003	0,010	0,137	FALSE
-0,043	0,295	-0,001	0,008	0,051	FALSE
-0,070	0,297	-0,002	0,008	0,074	FALSE
0,070	0,288	0,002	0,010	0,061	FALSE
-0,011	0,310	0,000	0,011	0,000	FALSE
0,063	0,296	0,001	0,009	0,037	FALSE
-0,010	0,300	0,000	0,013	0,006	FALSE
-0,098	0,322	-0,004	0,013	0,138	FALSE
0,060	0,317	0,002	0,008	0,081	FALSE
-0,133	0,306	-0,005	0,012	0,177	FALSE
-0,010	0,311	-0,002	0,012	0,044	FALSE
0,023	0,324	0,001	0,014	0,031	FALSE
0,004	0,295	0,000	0,008	0,017	FALSE
0,085	0,307	0,003	0,008	0,133	FALSE
0,020	0,307	0,001	0,008	0,028	FALSE
0,116	0,314	0,003	0,011	0,117	FALSE
0,027	0,308	0,002	0,011	0,059	FALSE
-0,101	0,299	-0,003	0,007	0,156	FALSE
0,081	0,299	0,002	0,008	0,111	FALSE
0,043	0,314	0,001	0,008	0,024	FALSE
0,093	0,317	0,003	0,008	0,135	FALSE
-0,099	0,303	-0,003	0,011	0,117	FALSE
-0,049	0,316	-0,003	0,012	0,086	FALSE
-0,030	0,291	-0,002	0,010	0,061	FALSE
-0,012	0,295	0,000	0,007	0,001	FALSE
0,182	0,293	0,007	0,011	0,283	FALSE
-0,067	0,309	-0,002	0,013	0,066	FALSE
-0,084	0,304	-0,002	0,007	0,096	FALSE
-0,012	0,313	0,000	0,011	0,006	FALSE
0,025	0,310	0,000	0,010	0,011	FALSE
0,111	0,306	0,005	0,012	0,167	FALSE
0,075	0,301	0,003	0,008	0,134	FALSE
-0,091	0,315	-0,004	0,012	0,114	FALSE
-0,105	0,312	-0,004	0,012	0,135	FALSE
0,006	0,307	0,000	0,008	0,008	FALSE
0,125	0,322	0,006	0,013	0,180	FALSE
0,040	0,310	0,001	0,009	0,041	FALSE
-0,126	0,323	-0,003	0,007	0,176	FALSE
0,018	0,314	0,000	0,010	0,014	FALSE
-0,093	0,303	-0,004	0,011	0,129	FALSE
0,150	0,300	0,005	0,010	0,206	FALSE
-0,034	0,315	0,000	0,008	0,019	FALSE
-0,041	0,304	-0,002	0,011	0,076	FALSE
-0,034	0,315	-0,001	0,012	0,042	FALSE
-0,045	0,301	-0,001	0,007	0,058	FALSE
-0,013	0,295	-0,001	0,010	0,046	FALSE
-0,093	0,314	-0,002	0,007	0,134	FALSE
-0,043	0,298	-0,002	0,012	0,066	FALSE
0,072	0,303	0,001	0,010	0,053	FALSE
-0,146	0,306	-0,004	0,010	0,174	FALSE
-0,025	0,303	0,000	0,007	0,027	FALSE
0,213	0,296	0,005	0,008	0,314	FALSE
-0,004	0,327	0,000	0,012	0,011	FALSE

0,035	0,299	0,001	0,007	0,045	FALSE
0,134	0,310	0,004	0,011	0,168	FALSE
0,035	0,309	0,001	0,009	0,038	FALSE
-0,130	0,295	-0,006	0,012	0,211	FALSE
-0,167	0,298	-0,006	0,012	0,236	FALSE
0,018	0,308	0,001	0,008	0,042	FALSE
0,148	0,300	0,006	0,012	0,201	FALSE
-0,020	0,299	-0,002	0,010	0,058	FALSE
0,028	0,325	0,001	0,008	0,054	FALSE
-0,032	0,307	-0,001	0,012	0,028	FALSE
-0,061	0,304	-0,002	0,008	0,074	FALSE
-0,057	0,302	-0,001	0,007	0,073	FALSE
0,143	0,297	0,004	0,007	0,236	FALSE
0,119	0,303	0,004	0,013	0,115	FALSE
-0,158	0,308	-0,005	0,008	0,242	FALSE
-0,174	0,300	-0,007	0,013	0,249	FALSE
-0,004	0,322	0,000	0,011	0,006	FALSE
-0,120	0,301	-0,004	0,009	0,164	FALSE
-0,101	0,312	-0,003	0,009	0,136	FALSE
-0,111	0,316	-0,005	0,013	0,172	FALSE
0,063	0,313	0,002	0,012	0,073	FALSE
0,073	0,313	0,003	0,009	0,104	FALSE
-0,009	0,301	0,000	0,013	0,003	FALSE
0,140	0,309	0,004	0,009	0,197	FALSE
0,088	0,310	0,002	0,008	0,105	FALSE
0,115	0,314	0,005	0,012	0,190	FALSE
-0,019	0,300	0,000	0,013	0,004	FALSE
-0,027	0,301	-0,001	0,012	0,026	FALSE
0,119	0,312	0,002	0,006	0,153	FALSE
-0,013	0,296	-0,001	0,011	0,027	FALSE
0,030	0,310	0,001	0,013	0,039	FALSE
-0,061	0,289	-0,002	0,012	0,059	FALSE
0,115	0,302	0,004	0,012	0,130	FALSE
-0,020	0,302	-0,001	0,010	0,026	FALSE
-0,002	0,309	0,000	0,009	0,007	FALSE
0,021	0,308	0,001	0,009	0,029	FALSE
0,048	0,312	0,002	0,007	0,082	FALSE
-0,102	0,307	-0,003	0,008	0,163	FALSE
0,013	0,305	0,000	0,010	0,004	FALSE
0,091	0,305	0,002	0,008	0,084	FALSE
0,094	0,293	0,003	0,010	0,127	FALSE
-0,087	0,306	-0,003	0,011	0,096	FALSE
0,018	0,319	0,001	0,007	0,029	FALSE
0,032	0,307	0,001	0,007	0,045	FALSE
0,031	0,306	0,001	0,007	0,056	FALSE
0,042	0,310	0,001	0,007	0,072	FALSE
-0,039	0,313	0,000	0,007	0,025	FALSE
-0,068	0,315	-0,002	0,007	0,084	FALSE
-0,071	0,308	-0,002	0,007	0,087	FALSE
0,146	0,303	0,003	0,008	0,179	FALSE
0,106	0,300	0,002	0,007	0,129	FALSE
0,082	0,304	0,003	0,011	0,117	FALSE
-0,082	0,302	-0,002	0,008	0,090	FALSE

-0,144	0,290	-0,005	0,009	0,204	FALSE
0,033	0,305	0,001	0,008	0,033	FALSE
-0,002	0,303	0,000	0,007	0,002	FALSE
0,098	0,316	0,005	0,013	0,145	FALSE
0,034	0,311	0,001	0,007	0,045	FALSE
0,066	0,298	0,002	0,010	0,080	FALSE
-0,099	0,309	-0,004	0,012	0,129	FALSE
-0,073	0,313	-0,002	0,008	0,084	FALSE
0,005	0,316	0,000	0,007	0,004	FALSE
-0,165	0,300	-0,006	0,011	0,247	FALSE
-0,024	0,316	-0,001	0,011	0,039	FALSE
0,092	0,324	0,005	0,013	0,163	FALSE
-0,008	0,300	0,000	0,007	0,013	FALSE
-0,071	0,311	-0,002	0,007	0,105	FALSE
-0,013	0,311	-0,001	0,013	0,039	FALSE
-0,030	0,299	-0,001	0,008	0,042	FALSE
-0,057	0,302	-0,002	0,012	0,063	FALSE
-0,077	0,305	-0,002	0,011	0,064	FALSE
0,040	0,304	0,001	0,010	0,028	FALSE
0,084	0,303	0,002	0,008	0,090	FALSE
-0,119	0,308	-0,003	0,008	0,133	FALSE
0,076	0,307	0,002	0,007	0,105	FALSE
-0,078	0,318	-0,002	0,009	0,078	FALSE
0,002	0,302	-0,001	0,011	0,021	FALSE
-0,050	0,304	-0,002	0,010	0,076	FALSE
-0,224	0,300	-0,004	0,006	0,355	FALSE
0,008	0,308	0,000	0,011	0,002	FALSE
0,035	0,319	0,001	0,008	0,044	FALSE
-0,018	0,299	-0,001	0,011	0,021	FALSE
0,035	0,327	0,001	0,012	0,037	FALSE
-0,035	0,319	-0,002	0,012	0,048	FALSE
-0,106	0,313	-0,003	0,009	0,139	FALSE
0,083	0,302	0,002	0,007	0,117	FALSE
-0,044	0,304	-0,001	0,007	0,050	FALSE
0,111	0,303	0,004	0,012	0,139	FALSE
-0,048	0,311	-0,001	0,007	0,064	FALSE
-0,033	0,304	-0,001	0,007	0,047	FALSE
-0,015	0,317	-0,001	0,013	0,016	FALSE
0,074	0,301	0,002	0,010	0,081	FALSE
-0,054	0,307	-0,002	0,007	0,081	FALSE
0,028	0,309	0,000	0,011	0,009	FALSE
0,007	0,301	0,000	0,011	0,012	FALSE
0,054	0,299	0,001	0,007	0,075	FALSE
0,088	0,313	0,003	0,009	0,117	FALSE
0,059	0,305	0,002	0,009	0,087	FALSE
0,058	0,288	0,002	0,009	0,094	FALSE
0,033	0,316	0,001	0,010	0,031	FALSE
0,055	0,306	0,002	0,008	0,102	FALSE
-0,034	0,310	-0,001	0,009	0,035	FALSE
-0,139	0,310	-0,006	0,012	0,192	FALSE
0,028	0,307	0,000	0,007	0,013	FALSE
0,004	0,297	0,000	0,006	0,014	FALSE
0,030	0,302	0,001	0,012	0,039	FALSE

-0,093	0,305	-0,004	0,010	0,147	FALSE
0,022	0,302	0,000	0,008	0,017	FALSE
-0,014	0,296	0,000	0,008	0,010	FALSE
0,065	0,312	0,001	0,007	0,048	FALSE
-0,133	0,312	-0,003	0,007	0,192	FALSE
-0,072	0,305	-0,001	0,006	0,063	FALSE
0,084	0,301	0,002	0,007	0,093	FALSE
0,099	0,306	0,003	0,009	0,110	FALSE
-0,090	0,300	-0,002	0,009	0,108	FALSE
-0,127	0,303	-0,002	0,006	0,140	FALSE
0,148	0,308	0,006	0,013	0,212	FALSE
-0,109	0,311	-0,003	0,009	0,141	FALSE
-0,104	0,293	-0,003	0,010	0,128	FALSE
-0,012	0,305	0,000	0,010	0,005	FALSE
-0,088	0,301	-0,004	0,010	0,150	FALSE
0,130	0,308	0,004	0,010	0,172	FALSE
0,156	0,305	0,005	0,009	0,230	FALSE
-0,095	0,299	-0,002	0,007	0,135	FALSE
-0,052	0,313	-0,002	0,007	0,082	FALSE
-0,121	0,313	-0,005	0,013	0,161	FALSE
-0,105	0,316	-0,003	0,011	0,108	FALSE
-0,131	0,298	-0,003	0,008	0,153	FALSE
0,077	0,303	0,003	0,008	0,149	FALSE
-0,050	0,316	-0,001	0,010	0,030	FALSE
0,070	0,314	0,002	0,008	0,091	FALSE
-0,030	0,317	-0,001	0,012	0,023	FALSE
0,163	0,302	0,004	0,007	0,217	FALSE
0,028	0,308	0,001	0,012	0,019	FALSE
-0,036	0,330	0,000	0,009	0,009	FALSE
0,098	0,293	0,005	0,011	0,192	FALSE
-0,102	0,302	-0,004	0,011	0,169	FALSE
-0,055	0,319	-0,003	0,013	0,083	FALSE
-0,030	0,307	-0,002	0,012	0,062	FALSE
0,005	0,309	0,000	0,007	0,014	FALSE
-0,019	0,320	-0,001	0,007	0,028	FALSE
-0,037	0,301	-0,001	0,006	0,030	FALSE
-0,152	0,296	-0,005	0,013	0,165	FALSE
-0,104	0,307	-0,003	0,012	0,090	FALSE
0,039	0,309	0,001	0,008	0,024	FALSE
0,123	0,304	0,004	0,010	0,145	FALSE
-0,146	0,305	-0,005	0,012	0,180	FALSE
0,106	0,298	0,002	0,008	0,128	FALSE
0,027	0,311	0,001	0,007	0,037	FALSE
0,153	0,294	0,004	0,009	0,207	FALSE
-0,160	0,288	-0,006	0,011	0,237	FALSE
0,014	0,314	0,001	0,011	0,029	FALSE
0,056	0,297	0,003	0,013	0,087	FALSE
-0,099	0,287	-0,006	0,012	0,195	FALSE
0,067	0,304	0,003	0,012	0,091	FALSE
-0,009	0,315	0,001	0,013	0,026	FALSE
0,046	0,314	0,000	0,007	0,022	FALSE
-0,027	0,300	-0,001	0,007	0,032	FALSE
-0,108	0,315	-0,005	0,013	0,159	FALSE

0,056	0,299	0,001	0,008	0,030	FALSE
-0,073	0,300	-0,002	0,007	0,087	FALSE
0,124	0,301	0,004	0,010	0,156	FALSE
-0,009	0,315	0,000	0,006	0,016	FALSE
0,077	0,309	0,002	0,009	0,080	FALSE
-0,012	0,319	-0,001	0,012	0,037	FALSE
-0,046	0,317	-0,002	0,013	0,062	FALSE
-0,007	0,308	0,000	0,006	0,003	FALSE
-0,116	0,313	-0,003	0,008	0,132	FALSE
0,035	0,314	0,001	0,007	0,028	FALSE
0,042	0,306	0,001	0,009	0,053	FALSE
0,037	0,296	0,001	0,007	0,063	FALSE
0,046	0,305	0,001	0,006	0,065	FALSE
-0,033	0,317	-0,001	0,009	0,035	FALSE
-0,023	0,302	0,000	0,013	0,003	FALSE
0,093	0,307	0,004	0,013	0,136	FALSE
0,032	0,311	0,001	0,008	0,042	FALSE
-0,080	0,312	-0,004	0,013	0,120	FALSE
-0,005	0,319	0,000	0,010	0,013	FALSE
-0,018	0,302	0,000	0,007	0,001	FALSE
-0,086	0,298	-0,002	0,009	0,096	FALSE
0,161	0,284	0,006	0,010	0,250	FALSE
0,012	0,303	0,000	0,006	0,007	FALSE
0,065	0,319	0,002	0,008	0,082	FALSE
-0,092	0,300	-0,003	0,012	0,103	FALSE
-0,136	0,309	-0,004	0,011	0,165	FALSE
0,129	0,307	0,004	0,011	0,160	FALSE
0,005	0,318	0,000	0,008	0,006	FALSE
0,013	0,311	0,001	0,013	0,037	FALSE
-0,031	0,305	-0,001	0,010	0,042	FALSE
0,016	0,311	0,001	0,008	0,045	FALSE
-0,042	0,307	-0,001	0,010	0,051	FALSE
-0,079	0,292	-0,002	0,011	0,078	FALSE
-0,054	0,292	-0,002	0,011	0,059	FALSE
0,071	0,290	0,002	0,007	0,088	FALSE
0,044	0,316	0,002	0,012	0,047	FALSE
0,023	0,309	0,001	0,010	0,022	FALSE
-0,027	0,299	-0,001	0,008	0,030	FALSE
0,015	0,304	0,000	0,007	0,026	FALSE
-0,066	0,320	-0,002	0,009	0,092	FALSE
-0,004	0,303	0,000	0,009	0,019	FALSE
-0,014	0,306	-0,001	0,008	0,025	FALSE
-0,033	0,308	-0,001	0,013	0,019	FALSE
-0,050	0,324	-0,001	0,009	0,055	FALSE
0,006	0,291	0,000	0,007	0,012	FALSE
-0,081	0,317	-0,003	0,011	0,118	FALSE
-0,054	0,295	-0,002	0,009	0,060	FALSE
-0,073	0,302	-0,002	0,007	0,114	FALSE
-0,005	0,300	0,000	0,011	0,008	FALSE
-0,076	0,306	-0,002	0,012	0,071	FALSE
-0,054	0,316	-0,002	0,010	0,060	FALSE
0,010	0,307	0,000	0,006	0,001	FALSE
0,114	0,289	0,003	0,009	0,119	FALSE

0,031	0,305	0,001	0,008	0,025	FALSE
-0,056	0,291	-0,003	0,012	0,085	FALSE
-0,039	0,309	-0,001	0,007	0,049	FALSE
-0,098	0,296	-0,004	0,013	0,132	FALSE
-0,108	0,301	-0,003	0,008	0,135	FALSE
0,003	0,313	0,000	0,010	0,000	FALSE
-0,034	0,313	-0,001	0,010	0,046	FALSE
-0,009	0,303	0,000	0,007	0,007	FALSE
0,086	0,303	0,002	0,006	0,116	FALSE
0,053	0,309	0,003	0,011	0,092	FALSE
0,042	0,320	0,001	0,007	0,050	FALSE
-0,096	0,295	-0,002	0,006	0,112	FALSE
-0,044	0,299	-0,002	0,009	0,068	FALSE
-0,086	0,298	-0,002	0,009	0,093	FALSE
-0,121	0,293	-0,007	0,012	0,236	FALSE
0,042	0,319	0,001	0,010	0,052	FALSE
0,072	0,304	0,003	0,011	0,106	FALSE
0,048	0,308	0,002	0,010	0,056	FALSE
-0,010	0,302	-0,001	0,011	0,046	FALSE
-0,017	0,318	0,000	0,007	0,012	FALSE
-0,064	0,301	-0,003	0,013	0,105	FALSE
0,103	0,308	0,005	0,012	0,155	FALSE
0,100	0,312	0,002	0,008	0,093	FALSE
0,017	0,318	0,001	0,012	0,021	FALSE
0,038	0,301	0,001	0,013	0,026	FALSE
0,034	0,291	0,000	0,012	0,014	FALSE
0,042	0,290	0,001	0,012	0,017	FALSE
-0,045	0,307	-0,001	0,009	0,059	FALSE
-0,020	0,313	-0,001	0,008	0,037	FALSE
-0,006	0,305	-0,001	0,009	0,045	FALSE
0,058	0,294	0,001	0,010	0,048	FALSE
0,095	0,304	0,003	0,008	0,125	FALSE
0,062	0,302	0,002	0,007	0,083	FALSE
0,127	0,295	0,005	0,012	0,175	FALSE
-0,025	0,317	0,000	0,008	0,007	FALSE
-0,202	0,305	-0,006	0,008	0,333	FALSE
0,057	0,307	0,003	0,012	0,088	FALSE
-0,023	0,305	-0,001	0,010	0,019	FALSE
-0,020	0,302	-0,001	0,007	0,030	FALSE
0,044	0,311	0,002	0,012	0,050	FALSE
0,092	0,302	0,003	0,009	0,105	FALSE
-0,170	0,302	-0,007	0,011	0,244	FALSE
0,144	0,294	0,005	0,009	0,204	FALSE
0,152	0,295	0,004	0,010	0,191	FALSE
-0,100	0,292	-0,004	0,011	0,144	FALSE
-0,118	0,297	-0,002	0,008	0,106	FALSE
0,065	0,303	0,002	0,011	0,072	FALSE
0,025	0,310	0,001	0,011	0,025	FALSE
-0,023	0,306	0,000	0,011	0,014	FALSE
-0,094	0,304	-0,003	0,011	0,110	FALSE
0,069	0,312	0,002	0,008	0,101	FALSE
0,053	0,301	0,001	0,007	0,048	FALSE
-0,145	0,305	-0,006	0,013	0,209	FALSE

-0,221	0,301	-0,009	0,011	0,391	FALSE
-0,002	0,296	0,000	0,007	0,003	FALSE
0,007	0,294	0,000	0,012	0,002	FALSE
-0,037	0,297	-0,002	0,012	0,051	FALSE
-0,008	0,306	0,000	0,006	0,015	FALSE
-0,156	0,299	-0,005	0,008	0,251	FALSE
-0,074	0,309	-0,002	0,009	0,100	FALSE
-0,067	0,311	-0,002	0,007	0,104	FALSE
-0,038	0,316	-0,002	0,010	0,059	FALSE
0,117	0,311	0,004	0,011	0,156	FALSE
0,048	0,304	0,001	0,012	0,025	FALSE
0,036	0,297	0,000	0,010	0,016	FALSE
-0,080	0,297	-0,003	0,011	0,102	FALSE
-0,108	0,307	-0,004	0,012	0,124	FALSE
0,006	0,308	0,001	0,008	0,035	FALSE
-0,136	0,296	-0,005	0,011	0,210	FALSE
0,010	0,296	0,000	0,009	0,006	FALSE
-0,082	0,317	-0,004	0,012	0,123	FALSE
0,053	0,295	0,001	0,007	0,076	FALSE
-0,043	0,312	-0,001	0,008	0,037	FALSE
0,051	0,300	0,003	0,012	0,085	FALSE
-0,032	0,315	-0,001	0,009	0,050	FALSE
0,008	0,311	0,000	0,007	0,012	FALSE
-0,020	0,295	0,000	0,007	0,021	FALSE
-0,040	0,295	-0,002	0,012	0,060	FALSE
0,069	0,302	0,002	0,008	0,086	FALSE
-0,013	0,299	-0,001	0,013	0,039	FALSE
0,090	0,303	0,002	0,008	0,078	FALSE
0,029	0,307	0,000	0,009	0,016	FALSE
-0,045	0,301	-0,001	0,012	0,017	FALSE
0,032	0,309	0,001	0,007	0,051	FALSE
0,057	0,311	0,001	0,008	0,070	FALSE
0,135	0,295	0,004	0,009	0,167	FALSE
-0,124	0,295	-0,003	0,008	0,148	FALSE
0,062	0,311	0,003	0,013	0,089	FALSE
-0,046	0,290	-0,001	0,007	0,056	FALSE
-0,074	0,319	-0,002	0,008	0,071	FALSE
0,002	0,304	0,000	0,007	0,009	FALSE
0,136	0,293	0,005	0,012	0,180	FALSE
-0,114	0,315	-0,004	0,010	0,152	FALSE
-0,057	0,311	-0,002	0,009	0,087	FALSE
-0,025	0,296	0,000	0,011	0,008	FALSE
-0,029	0,308	0,000	0,011	0,011	FALSE
-0,040	0,311	-0,001	0,011	0,034	FALSE
-0,015	0,301	0,000	0,011	0,004	FALSE
0,043	0,314	0,001	0,007	0,032	FALSE
0,022	0,316	0,000	0,013	0,006	FALSE
-0,065	0,310	-0,002	0,007	0,089	FALSE
-0,072	0,303	-0,002	0,007	0,101	FALSE
0,070	0,298	0,002	0,010	0,088	FALSE
-0,035	0,299	-0,002	0,010	0,069	FALSE
-0,009	0,302	-0,001	0,012	0,016	FALSE
0,089	0,306	0,002	0,006	0,112	FALSE

0,050	0,314	0,001	0,006	0,065	FALSE
-0,023	0,299	-0,001	0,008	0,026	FALSE
-0,067	0,313	-0,003	0,012	0,089	FALSE
-0,048	0,291	-0,001	0,008	0,069	FALSE
-0,056	0,326	-0,003	0,013	0,093	FALSE
-0,072	0,315	-0,003	0,012	0,090	FALSE
-0,030	0,315	-0,001	0,013	0,035	FALSE
-0,133	0,315	-0,005	0,012	0,174	FALSE
-0,136	0,311	-0,005	0,013	0,170	FALSE
0,143	0,300	0,006	0,013	0,198	FALSE
-0,017	0,308	0,000	0,007	0,003	FALSE
-0,080	0,285	-0,002	0,007	0,092	FALSE
0,029	0,311	0,001	0,007	0,055	FALSE
-0,192	0,298	-0,004	0,006	0,303	FALSE
-0,197	0,292	-0,004	0,006	0,299	FALSE
-0,179	0,303	-0,004	0,007	0,247	FALSE
-0,133	0,299	-0,003	0,007	0,190	FALSE
-0,051	0,311	-0,002	0,013	0,052	FALSE
0,206	0,307	0,008	0,012	0,282	FALSE
-0,076	0,311	-0,003	0,012	0,081	FALSE
0,071	0,290	0,002	0,008	0,100	FALSE
0,067	0,319	0,002	0,010	0,085	FALSE
-0,123	0,300	-0,003	0,007	0,163	FALSE
0,033	0,318	0,001	0,013	0,036	FALSE
-0,126	0,298	-0,006	0,013	0,194	FALSE
0,040	0,304	0,001	0,012	0,025	FALSE
0,048	0,298	0,001	0,011	0,040	FALSE
-0,039	0,300	-0,002	0,011	0,059	FALSE
0,011	0,319	0,000	0,011	0,007	FALSE
-0,083	0,302	-0,002	0,013	0,056	FALSE
0,062	0,303	0,001	0,012	0,026	FALSE
0,001	0,316	0,000	0,008	0,019	FALSE
-0,076	0,300	-0,002	0,006	0,129	FALSE
-0,010	0,319	0,000	0,009	0,007	FALSE
0,059	0,307	0,003	0,010	0,104	FALSE
-0,065	0,313	-0,002	0,009	0,094	FALSE
0,027	0,306	0,001	0,010	0,030	FALSE
-0,041	0,301	-0,001	0,008	0,054	FALSE
0,033	0,312	0,001	0,008	0,033	FALSE
0,004	0,311	-0,001	0,012	0,017	FALSE
0,057	0,309	0,002	0,011	0,054	FALSE
-0,057	0,305	-0,001	0,008	0,047	FALSE
-0,082	0,312	-0,003	0,011	0,101	FALSE
-0,011	0,295	-0,001	0,008	0,041	FALSE
0,093	0,300	0,004	0,011	0,126	FALSE
0,122	0,305	0,003	0,007	0,174	FALSE
0,055	0,321	0,002	0,013	0,064	FALSE
0,013	0,298	0,001	0,007	0,027	FALSE
0,129	0,303	0,003	0,007	0,168	FALSE
0,070	0,302	0,001	0,008	0,060	FALSE
0,058	0,290	0,001	0,008	0,054	FALSE
-0,016	0,319	-0,001	0,008	0,029	FALSE
-0,071	0,309	-0,002	0,009	0,074	FALSE

-0,016	0,304	0,000	0,011	0,002	FALSE
0,071	0,311	0,003	0,013	0,079	FALSE
0,046	0,303	0,002	0,013	0,059	FALSE
0,075	0,305	0,003	0,013	0,100	FALSE
-0,027	0,302	-0,001	0,006	0,030	FALSE
0,060	0,303	0,004	0,013	0,105	FALSE
-0,039	0,319	-0,001	0,009	0,062	FALSE
0,081	0,304	0,004	0,011	0,141	FALSE
0,048	0,301	0,002	0,009	0,081	FALSE
0,022	0,308	0,001	0,009	0,048	FALSE
0,019	0,315	0,001	0,008	0,035	FALSE
0,063	0,302	0,002	0,011	0,082	FALSE
0,014	0,304	0,000	0,010	0,002	FALSE
0,019	0,317	0,001	0,012	0,030	FALSE
0,023	0,317	0,002	0,012	0,050	FALSE
-0,012	0,313	0,000	0,008	0,017	FALSE
0,056	0,317	0,002	0,012	0,066	FALSE
-0,013	0,313	0,000	0,010	0,010	FALSE
0,004	0,309	0,000	0,010	0,013	FALSE
0,031	0,305	0,002	0,012	0,055	FALSE
-0,025	0,315	-0,001	0,008	0,028	FALSE
-0,095	0,309	-0,002	0,009	0,101	FALSE
0,047	0,311	0,002	0,013	0,055	FALSE
0,023	0,314	0,001	0,008	0,023	FALSE
-0,105	0,306	-0,003	0,008	0,123	FALSE
-0,053	0,305	-0,001	0,009	0,041	FALSE
-0,037	0,303	-0,001	0,012	0,043	FALSE
0,104	0,297	0,003	0,008	0,143	FALSE
0,109	0,325	0,004	0,011	0,131	FALSE
0,092	0,311	0,003	0,008	0,139	FALSE
-0,014	0,317	-0,001	0,009	0,020	FALSE
-0,150	0,294	-0,003	0,008	0,146	FALSE
-0,003	0,303	0,000	0,012	0,005	FALSE
-0,054	0,300	-0,002	0,008	0,082	FALSE
0,089	0,291	0,003	0,010	0,112	FALSE
-0,045	0,297	-0,001	0,008	0,067	FALSE
0,048	0,311	0,001	0,011	0,051	FALSE
-0,041	0,307	-0,002	0,012	0,067	FALSE
-0,030	0,292	-0,001	0,011	0,025	FALSE
-0,110	0,302	-0,003	0,009	0,123	FALSE
-0,034	0,309	-0,001	0,012	0,036	FALSE
0,148	0,307	0,006	0,012	0,213	FALSE
-0,057	0,326	-0,002	0,010	0,092	FALSE
0,028	0,314	0,000	0,006	0,009	FALSE
0,051	0,309	0,001	0,007	0,066	FALSE
-0,103	0,308	-0,003	0,010	0,127	FALSE
-0,016	0,314	0,000	0,009	0,019	FALSE
-0,050	0,313	-0,001	0,010	0,045	FALSE
0,072	0,309	0,002	0,010	0,083	FALSE
0,056	0,284	0,002	0,009	0,068	FALSE
0,030	0,303	0,002	0,010	0,060	FALSE
0,113	0,301	0,004	0,009	0,175	FALSE
-0,111	0,321	-0,004	0,012	0,147	FALSE

-0,127	0,322	-0,005	0,012	0,170	FALSE
0,088	0,301	0,003	0,008	0,131	FALSE
0,016	0,292	0,000	0,007	0,005	FALSE
0,071	0,299	0,003	0,011	0,098	FALSE
0,003	0,293	0,000	0,009	0,002	FALSE
0,044	0,303	0,001	0,006	0,055	FALSE
-0,023	0,315	-0,001	0,008	0,034	FALSE
0,096	0,305	0,004	0,010	0,166	FALSE
-0,160	0,302	-0,005	0,009	0,242	FALSE
0,024	0,308	0,002	0,012	0,063	FALSE
-0,040	0,293	0,000	0,013	0,010	FALSE
0,088	0,302	0,002	0,007	0,117	FALSE
0,055	0,310	0,002	0,010	0,088	FALSE
-0,090	0,311	-0,002	0,009	0,109	FALSE
0,086	0,303	0,002	0,008	0,074	FALSE
-0,118	0,307	-0,002	0,007	0,137	FALSE
0,019	0,300	0,000	0,007	0,002	FALSE
-0,036	0,289	-0,001	0,007	0,027	FALSE
-0,006	0,311	-0,001	0,013	0,019	FALSE
0,121	0,311	0,003	0,007	0,161	FALSE
-0,069	0,306	-0,003	0,011	0,102	FALSE
-0,083	0,303	-0,002	0,007	0,098	FALSE
-0,040	0,305	-0,001	0,007	0,061	FALSE
-0,127	0,305	-0,002	0,006	0,146	FALSE
0,072	0,320	0,002	0,011	0,076	FALSE
0,020	0,307	0,001	0,007	0,042	FALSE
0,030	0,310	0,001	0,007	0,046	FALSE
-0,099	0,310	-0,003	0,007	0,140	FALSE
-0,084	0,314	-0,003	0,012	0,087	FALSE
0,079	0,293	0,002	0,011	0,074	FALSE
-0,027	0,318	-0,001	0,012	0,028	FALSE
0,071	0,296	0,002	0,008	0,071	FALSE
0,046	0,308	0,002	0,013	0,059	FALSE
0,120	0,299	0,004	0,009	0,162	FALSE
0,120	0,304	0,004	0,009	0,187	FALSE
0,002	0,315	0,000	0,007	0,017	FALSE
0,025	0,310	0,000	0,007	0,012	FALSE
0,028	0,293	0,002	0,013	0,066	FALSE
0,086	0,303	0,003	0,009	0,122	FALSE
0,051	0,306	0,001	0,008	0,053	FALSE
0,011	0,314	0,000	0,009	0,012	FALSE
-0,005	0,308	0,000	0,007	0,009	FALSE
-0,032	0,294	-0,001	0,008	0,032	FALSE
0,007	0,308	0,000	0,009	0,017	FALSE
0,015	0,314	0,000	0,013	0,011	FALSE
-0,098	0,297	-0,003	0,009	0,116	FALSE
-0,128	0,308	-0,003	0,008	0,150	FALSE
0,016	0,308	0,000	0,009	0,002	FALSE
0,006	0,302	0,000	0,009	0,002	FALSE
-0,088	0,305	-0,003	0,012	0,105	FALSE
-0,116	0,304	-0,003	0,009	0,142	FALSE
0,001	0,310	0,000	0,007	0,003	FALSE
0,013	0,313	0,001	0,010	0,021	FALSE

-0,016	0,323	0,000	0,010	0,010	FALSE
-0,134	0,303	-0,005	0,011	0,198	FALSE
-0,046	0,319	-0,003	0,014	0,079	FALSE
-0,039	0,302	-0,002	0,011	0,076	FALSE
0,098	0,299	0,002	0,007	0,132	FALSE
-0,039	0,323	-0,001	0,010	0,046	FALSE
-0,086	0,314	-0,002	0,008	0,111	FALSE
0,117	0,297	0,003	0,009	0,142	FALSE
0,075	0,300	0,002	0,009	0,075	FALSE
0,150	0,287	0,007	0,013	0,220	FALSE
0,021	0,320	0,001	0,009	0,037	FALSE
-0,109	0,304	-0,004	0,012	0,146	FALSE
-0,037	0,305	-0,001	0,008	0,025	FALSE
-0,093	0,304	-0,002	0,007	0,118	FALSE
0,078	0,315	0,002	0,010	0,094	FALSE
0,093	0,305	0,002	0,007	0,114	FALSE
0,035	0,293	0,001	0,009	0,051	FALSE
-0,048	0,297	-0,001	0,010	0,040	FALSE
-0,013	0,322	0,000	0,010	0,009	FALSE
-0,175	0,304	-0,005	0,009	0,266	FALSE
-0,015	0,310	-0,001	0,012	0,020	FALSE
-0,003	0,316	-0,001	0,013	0,033	FALSE
-0,047	0,286	-0,001	0,009	0,063	FALSE
-0,047	0,322	-0,003	0,012	0,081	FALSE
0,051	0,316	0,001	0,008	0,053	FALSE
-0,045	0,317	-0,001	0,009	0,043	FALSE
-0,026	0,308	-0,001	0,010	0,029	FALSE
-0,051	0,309	-0,001	0,006	0,050	FALSE
-0,103	0,311	-0,004	0,011	0,131	FALSE
-0,009	0,308	0,000	0,010	0,006	FALSE
0,186	0,301	0,006	0,008	0,300	FALSE
0,030	0,291	0,001	0,011	0,019	FALSE
-0,110	0,308	-0,005	0,012	0,158	FALSE
-0,153	0,305	-0,006	0,012	0,222	FALSE
-0,063	0,318	-0,003	0,012	0,097	FALSE
-0,044	0,317	-0,002	0,012	0,056	FALSE
-0,157	0,305	-0,004	0,007	0,223	FALSE
0,137	0,294	0,004	0,008	0,219	FALSE
-0,093	0,303	-0,002	0,006	0,117	FALSE
-0,020	0,314	-0,001	0,007	0,027	FALSE
0,117	0,306	0,003	0,010	0,141	FALSE
-0,032	0,311	-0,001	0,008	0,026	FALSE
-0,117	0,304	-0,003	0,007	0,164	FALSE
0,027	0,305	0,001	0,010	0,031	FALSE
0,061	0,301	0,003	0,012	0,082	FALSE
0,023	0,308	0,001	0,011	0,039	FALSE
0,103	0,306	0,003	0,007	0,148	FALSE
0,048	0,313	0,001	0,009	0,060	FALSE
-0,016	0,310	0,000	0,008	0,020	FALSE
0,075	0,317	0,002	0,008	0,088	FALSE
0,020	0,309	0,001	0,006	0,034	FALSE
-0,023	0,315	0,000	0,009	0,016	FALSE
0,038	0,301	0,001	0,011	0,034	FALSE

0,044	0,305	0,002	0,007	0,084	FALSE
-0,027	0,317	-0,001	0,012	0,033	FALSE
-0,021	0,316	-0,001	0,010	0,020	FALSE
-0,026	0,287	-0,001	0,010	0,053	FALSE
-0,069	0,301	-0,003	0,012	0,104	FALSE
-0,022	0,311	0,000	0,008	0,014	FALSE
-0,061	0,298	-0,004	0,013	0,118	FALSE
0,052	0,307	0,001	0,012	0,036	FALSE
0,073	0,310	0,002	0,012	0,074	FALSE
-0,114	0,302	-0,004	0,011	0,135	FALSE
-0,086	0,332	-0,002	0,008	0,097	FALSE
-0,101	0,296	-0,003	0,008	0,121	FALSE
0,007	0,302	0,001	0,008	0,034	FALSE
-0,007	0,299	0,000	0,009	0,015	FALSE
-0,064	0,302	-0,003	0,012	0,095	FALSE
0,041	0,312	0,001	0,009	0,051	FALSE
-0,005	0,326	-0,001	0,011	0,018	FALSE
-0,085	0,316	-0,002	0,008	0,086	FALSE
0,032	0,307	0,001	0,006	0,039	FALSE
0,018	0,312	0,001	0,010	0,037	FALSE
0,144	0,319	0,003	0,007	0,198	FALSE
0,043	0,297	0,001	0,009	0,060	FALSE
0,036	0,307	0,002	0,012	0,064	FALSE
0,013	0,309	0,001	0,007	0,045	FALSE
-0,103	0,301	-0,004	0,012	0,141	FALSE
-0,054	0,316	-0,003	0,012	0,090	FALSE
0,057	0,307	0,002	0,009	0,085	FALSE
-0,008	0,309	0,000	0,008	0,007	FALSE
0,115	0,307	0,003	0,007	0,157	FALSE
-0,010	0,294	0,000	0,006	0,020	FALSE
0,105	0,319	0,003	0,007	0,139	FALSE
0,029	0,300	0,001	0,007	0,046	FALSE
0,032	0,314	0,001	0,007	0,043	FALSE
-0,102	0,313	-0,003	0,010	0,110	FALSE
-0,098	0,307	-0,003	0,010	0,100	FALSE
-0,067	0,321	-0,002	0,007	0,087	FALSE
-0,002	0,302	-0,001	0,012	0,016	FALSE
-0,054	0,308	-0,001	0,008	0,065	FALSE
-0,041	0,298	-0,001	0,007	0,046	FALSE
0,008	0,286	0,000	0,009	0,003	FALSE
0,042	0,297	0,001	0,011	0,048	FALSE
0,049	0,292	0,002	0,010	0,057	FALSE
-0,099	0,303	-0,003	0,009	0,145	FALSE
0,029	0,310	0,001	0,007	0,045	FALSE
0,040	0,315	0,001	0,008	0,026	FALSE
-0,011	0,319	-0,001	0,009	0,031	FALSE
0,060	0,317	0,002	0,008	0,076	FALSE
-0,043	0,304	0,000	0,011	0,014	FALSE
-0,045	0,302	-0,002	0,011	0,063	FALSE
-0,031	0,307	0,000	0,010	0,012	FALSE
-0,045	0,299	-0,001	0,008	0,029	FALSE
-0,068	0,304	-0,002	0,008	0,105	FALSE
0,058	0,299	0,002	0,013	0,050	FALSE

-0,014	0,309	0,000	0,012	0,007	FALSE
0,060	0,306	0,002	0,011	0,069	FALSE
-0,001	0,299	0,000	0,010	0,008	FALSE
-0,064	0,316	-0,001	0,007	0,070	FALSE
-0,062	0,315	-0,004	0,013	0,112	FALSE
0,017	0,294	0,001	0,012	0,018	FALSE
-0,005	0,299	-0,001	0,012	0,026	FALSE
0,014	0,303	0,001	0,009	0,039	FALSE
-0,010	0,311	0,000	0,007	0,014	FALSE
0,030	0,303	0,001	0,013	0,031	FALSE
-0,048	0,324	-0,001	0,007	0,041	FALSE
0,008	0,315	0,001	0,012	0,023	FALSE
0,058	0,300	0,003	0,012	0,089	FALSE
0,018	0,304	0,000	0,010	0,009	FALSE
-0,111	0,297	-0,002	0,007	0,149	FALSE
-0,091	0,308	-0,002	0,007	0,098	FALSE
-0,023	0,288	-0,001	0,009	0,058	FALSE
0,118	0,308	0,004	0,008	0,178	FALSE
0,153	0,309	0,004	0,008	0,210	FALSE
0,042	0,304	0,001	0,008	0,046	FALSE
-0,139	0,298	-0,005	0,011	0,191	FALSE
-0,066	0,304	-0,001	0,006	0,066	FALSE
-0,062	0,304	-0,001	0,007	0,055	FALSE
0,042	0,305	0,001	0,008	0,024	FALSE
0,072	0,317	0,002	0,011	0,077	FALSE
0,064	0,309	0,002	0,008	0,093	FALSE
0,049	0,315	0,002	0,010	0,083	FALSE
0,122	0,301	0,003	0,006	0,194	FALSE
-0,042	0,303	-0,001	0,007	0,071	FALSE
-0,028	0,314	-0,001	0,011	0,018	FALSE
0,072	0,310	0,002	0,007	0,114	FALSE
0,057	0,313	0,003	0,013	0,075	FALSE
0,173	0,304	0,006	0,010	0,227	FALSE
0,006	0,315	0,000	0,009	0,005	FALSE
-0,040	0,302	-0,002	0,012	0,046	FALSE
0,113	0,303	0,004	0,010	0,145	FALSE
-0,062	0,312	-0,002	0,008	0,077	FALSE
0,111	0,302	0,003	0,010	0,132	FALSE
0,042	0,302	0,001	0,010	0,053	FALSE
0,108	0,308	0,004	0,010	0,146	FALSE
-0,029	0,305	-0,001	0,009	0,045	FALSE
-0,096	0,307	-0,003	0,008	0,140	FALSE
0,014	0,308	0,000	0,012	0,001	FALSE
0,101	0,314	0,003	0,007	0,139	FALSE
-0,020	0,284	0,000	0,010	0,003	FALSE
0,058	0,294	0,002	0,009	0,101	FALSE
-0,087	0,318	-0,003	0,011	0,111	FALSE
-0,012	0,310	0,000	0,007	0,022	FALSE
0,108	0,302	0,004	0,009	0,172	FALSE
0,036	0,308	0,001	0,008	0,040	FALSE
0,136	0,301	0,003	0,006	0,237	FALSE
-0,114	0,308	-0,003	0,010	0,142	FALSE
0,073	0,314	0,003	0,012	0,105	FALSE

0,113	0,299	0,005	0,012	0,172	FALSE
0,034	0,297	0,001	0,006	0,063	FALSE
-0,044	0,278	-0,002	0,012	0,078	FALSE
-0,029	0,299	-0,002	0,012	0,047	FALSE
-0,031	0,310	-0,001	0,008	0,046	FALSE
-0,070	0,310	-0,002	0,012	0,068	FALSE
0,000	0,308	-0,001	0,013	0,021	FALSE
-0,020	0,303	-0,001	0,008	0,023	FALSE
0,124	0,303	0,003	0,006	0,171	FALSE
-0,167	0,299	-0,004	0,007	0,249	FALSE
-0,016	0,296	0,000	0,009	0,001	FALSE
0,135	0,311	0,004	0,010	0,168	FALSE
0,096	0,310	0,002	0,008	0,114	FALSE
0,052	0,315	0,002	0,009	0,060	FALSE
-0,149	0,313	-0,006	0,013	0,194	FALSE
0,113	0,310	0,004	0,012	0,135	FALSE
-0,108	0,313	-0,002	0,006	0,127	FALSE
0,001	0,306	0,000	0,009	0,021	FALSE
-0,025	0,313	-0,001	0,010	0,034	FALSE
0,039	0,299	0,001	0,010	0,036	FALSE
0,078	0,316	0,003	0,010	0,104	FALSE
-0,011	0,296	0,000	0,011	0,011	FALSE
-0,015	0,313	0,000	0,012	0,003	FALSE
-0,008	0,307	0,000	0,012	0,013	FALSE
-0,064	0,304	0,000	0,007	0,025	FALSE
-0,022	0,316	0,000	0,006	0,005	FALSE
-0,040	0,300	0,000	0,006	0,017	FALSE
0,004	0,308	0,001	0,010	0,023	FALSE
0,093	0,286	0,003	0,009	0,111	FALSE
-0,008	0,298	0,000	0,009	0,002	FALSE
-0,002	0,298	0,000	0,008	0,010	FALSE
-0,007	0,315	0,000	0,008	0,002	FALSE
0,034	0,306	0,001	0,013	0,034	FALSE
0,017	0,303	0,000	0,012	0,015	FALSE
0,036	0,298	0,001	0,012	0,032	FALSE
-0,060	0,321	-0,002	0,009	0,088	FALSE
0,052	0,305	0,001	0,007	0,052	FALSE
0,032	0,310	0,001	0,008	0,031	FALSE
0,008	0,289	0,001	0,006	0,046	FALSE
0,030	0,293	0,001	0,008	0,032	FALSE
0,052	0,296	0,002	0,011	0,057	FALSE
0,046	0,316	0,002	0,010	0,054	FALSE
-0,152	0,311	-0,004	0,008	0,193	FALSE
-0,119	0,302	-0,005	0,010	0,179	FALSE
0,022	0,304	0,000	0,011	0,005	FALSE
0,074	0,323	0,002	0,008	0,090	FALSE
0,052	0,304	0,001	0,007	0,042	FALSE
-0,068	0,314	-0,002	0,007	0,090	FALSE
0,096	0,306	0,002	0,007	0,095	FALSE
-0,051	0,301	-0,001	0,006	0,055	FALSE
-0,011	0,302	0,000	0,007	0,016	FALSE
-0,067	0,306	-0,003	0,011	0,094	FALSE
-0,155	0,298	-0,004	0,008	0,238	FALSE

-0,065	0,322	-0,003	0,013	0,076	FALSE
-0,150	0,299	-0,003	0,007	0,187	FALSE
-0,126	0,305	-0,003	0,010	0,144	FALSE
-0,035	0,290	-0,001	0,008	0,050	FALSE
-0,096	0,305	-0,004	0,012	0,138	FALSE
-0,133	0,301	-0,006	0,012	0,203	FALSE
-0,095	0,312	-0,004	0,012	0,129	FALSE
-0,081	0,308	-0,003	0,012	0,106	FALSE
-0,103	0,318	-0,004	0,012	0,139	FALSE
-0,135	0,318	-0,004	0,010	0,154	FALSE
-0,029	0,311	-0,001	0,013	0,039	FALSE
-0,253	0,287	-0,010	0,012	0,426	FALSE
0,101	0,305	0,003	0,008	0,132	FALSE
-0,078	0,292	-0,004	0,010	0,141	FALSE
0,025	0,317	0,000	0,009	0,018	FALSE
0,037	0,305	0,001	0,007	0,039	FALSE
-0,010	0,311	0,000	0,009	0,014	FALSE
-0,107	0,314	-0,004	0,013	0,135	FALSE
-0,004	0,313	0,000	0,012	0,005	FALSE
0,031	0,319	0,001	0,009	0,036	FALSE
-0,063	0,308	-0,002	0,009	0,083	FALSE
-0,018	0,289	-0,001	0,011	0,022	FALSE
-0,048	0,301	-0,001	0,006	0,039	FALSE
0,057	0,306	0,002	0,010	0,068	FALSE
-0,052	0,308	-0,002	0,013	0,072	FALSE
0,095	0,319	0,003	0,008	0,130	FALSE
0,022	0,317	0,001	0,012	0,018	FALSE
-0,043	0,312	-0,001	0,007	0,051	FALSE
0,060	0,299	0,002	0,008	0,096	FALSE
0,151	0,304	0,005	0,011	0,196	FALSE
-0,120	0,310	-0,003	0,008	0,171	FALSE
-0,022	0,318	0,000	0,007	0,025	FALSE
0,023	0,317	0,001	0,007	0,034	FALSE
0,033	0,317	0,001	0,012	0,033	FALSE
0,071	0,306	0,002	0,011	0,080	FALSE
0,081	0,318	0,002	0,011	0,084	FALSE
-0,036	0,301	-0,003	0,013	0,079	FALSE
-0,029	0,308	-0,001	0,013	0,038	FALSE
-0,162	0,301	-0,004	0,008	0,233	FALSE
0,021	0,304	0,000	0,009	0,011	FALSE
0,039	0,308	0,001	0,012	0,039	FALSE
-0,088	0,297	-0,002	0,010	0,076	FALSE
-0,053	0,312	-0,001	0,008	0,055	FALSE
-0,029	0,298	0,000	0,008	0,022	FALSE
0,213	0,287	0,005	0,007	0,327	FALSE
0,083	0,300	0,002	0,010	0,092	FALSE
0,050	0,316	0,001	0,012	0,043	FALSE
0,039	0,312	0,001	0,012	0,021	FALSE
-0,002	0,301	0,000	0,012	0,002	FALSE
-0,008	0,309	-0,001	0,007	0,036	FALSE
0,115	0,305	0,003	0,007	0,154	FALSE
0,157	0,307	0,005	0,011	0,209	FALSE
-0,127	0,301	-0,004	0,008	0,186	FALSE

0,011	0,301	0,000	0,009	0,019	FALSE
0,015	0,310	0,001	0,010	0,035	FALSE
-0,076	0,296	-0,002	0,007	0,098	FALSE
-0,124	0,313	-0,004	0,012	0,131	FALSE
-0,017	0,304	-0,001	0,013	0,017	FALSE
-0,101	0,297	-0,002	0,007	0,089	FALSE
-0,064	0,307	-0,002	0,010	0,073	FALSE
0,035	0,302	0,001	0,011	0,042	FALSE
-0,110	0,305	-0,003	0,009	0,134	FALSE
0,032	0,306	0,001	0,012	0,029	FALSE
0,015	0,310	0,000	0,009	0,009	FALSE
-0,067	0,307	-0,002	0,009	0,083	FALSE
-0,109	0,323	-0,003	0,008	0,123	FALSE
-0,037	0,299	-0,002	0,009	0,081	FALSE
-0,029	0,317	0,000	0,010	0,015	FALSE
-0,013	0,316	-0,001	0,011	0,017	FALSE
-0,049	0,311	-0,002	0,012	0,050	FALSE
0,001	0,309	0,000	0,010	0,003	FALSE
0,032	0,320	0,000	0,012	0,003	FALSE
-0,031	0,312	-0,002	0,010	0,066	FALSE
-0,020	0,309	0,000	0,008	0,015	FALSE
-0,023	0,303	-0,002	0,010	0,065	FALSE
0,008	0,289	0,000	0,012	0,004	FALSE
0,048	0,312	0,002	0,009	0,084	FALSE
-0,080	0,311	-0,001	0,006	0,085	FALSE
0,036	0,306	0,001	0,007	0,069	FALSE
0,018	0,299	0,000	0,007	0,019	FALSE
0,044	0,301	0,001	0,007	0,057	FALSE
0,062	0,319	0,002	0,008	0,092	FALSE
-0,010	0,321	0,000	0,013	0,013	FALSE
0,056	0,309	0,001	0,006	0,067	FALSE
0,059	0,318	0,001	0,007	0,052	FALSE
-0,180	0,303	-0,004	0,008	0,239	FALSE
-0,042	0,309	-0,001	0,006	0,057	FALSE
-0,070	0,333	-0,001	0,008	0,067	FALSE
-0,069	0,300	-0,002	0,008	0,110	FALSE
-0,009	0,310	0,000	0,007	0,006	FALSE
-0,029	0,293	-0,001	0,009	0,033	FALSE
0,044	0,300	0,001	0,007	0,056	FALSE
-0,094	0,311	-0,003	0,010	0,108	FALSE
-0,033	0,295	-0,001	0,009	0,036	FALSE
0,179	0,302	0,006	0,010	0,263	FALSE
0,055	0,312	0,003	0,011	0,094	FALSE
0,007	0,301	0,000	0,010	0,003	FALSE
-0,080	0,306	-0,002	0,009	0,103	FALSE
-0,053	0,305	-0,002	0,008	0,084	FALSE
-0,028	0,310	-0,001	0,011	0,033	FALSE
-0,005	0,302	-0,001	0,009	0,030	FALSE
-0,052	0,306	-0,001	0,007	0,050	FALSE
0,055	0,310	0,002	0,011	0,075	FALSE
-0,095	0,311	-0,004	0,012	0,119	FALSE
-0,067	0,301	-0,002	0,007	0,095	FALSE
0,016	0,299	0,000	0,008	0,014	FALSE

-0,032	0,318	-0,001	0,012	0,037	FALSE
-0,150	0,300	-0,004	0,007	0,226	FALSE
-0,020	0,318	-0,001	0,010	0,026	FALSE
-0,098	0,308	-0,002	0,007	0,117	FALSE
0,020	0,308	-0,001	0,011	0,019	FALSE
0,075	0,308	0,004	0,012	0,139	FALSE
0,015	0,306	0,001	0,013	0,040	FALSE
-0,093	0,305	-0,003	0,010	0,100	FALSE
-0,061	0,307	-0,001	0,010	0,044	FALSE
0,065	0,303	0,002	0,008	0,090	FALSE
-0,005	0,322	-0,001	0,013	0,015	FALSE
0,000	0,307	0,000	0,013	0,000	FALSE
-0,031	0,317	-0,001	0,012	0,034	FALSE
-0,002	0,312	0,000	0,013	0,003	FALSE
0,015	0,312	0,001	0,012	0,016	FALSE
-0,008	0,321	0,000	0,014	0,012	FALSE
-0,006	0,306	0,000	0,013	0,010	FALSE
0,015	0,315	-0,001	0,013	0,014	FALSE
-0,092	0,308	-0,003	0,009	0,122	FALSE
0,000	0,313	0,001	0,011	0,017	FALSE
0,077	0,308	0,004	0,013	0,135	FALSE
0,036	0,310	0,000	0,010	0,010	FALSE
-0,042	0,302	-0,002	0,009	0,078	FALSE
-0,103	0,297	-0,003	0,009	0,124	FALSE
0,063	0,305	0,002	0,007	0,092	FALSE
-0,066	0,317	-0,003	0,013	0,076	FALSE
-0,027	0,323	-0,001	0,010	0,020	FALSE
0,004	0,306	0,001	0,011	0,018	FALSE
0,021	0,302	0,000	0,007	0,002	FALSE
0,014	0,313	0,000	0,011	0,007	FALSE
-0,003	0,306	0,000	0,008	0,004	FALSE
0,003	0,294	0,000	0,009	0,005	FALSE
0,124	0,298	0,003	0,006	0,195	FALSE
-0,092	0,296	-0,002	0,007	0,111	FALSE
-0,108	0,296	-0,002	0,007	0,136	FALSE
-0,064	0,314	-0,001	0,007	0,068	FALSE
-0,054	0,313	-0,002	0,009	0,069	FALSE
-0,064	0,293	-0,004	0,012	0,127	FALSE
0,041	0,303	0,002	0,012	0,068	FALSE
0,039	0,291	0,000	0,007	0,006	FALSE
-0,115	0,305	-0,003	0,009	0,136	FALSE
-0,025	0,288	0,000	0,011	0,009	FALSE
0,063	0,294	0,004	0,011	0,136	FALSE
0,054	0,317	0,002	0,009	0,085	FALSE
-0,029	0,299	-0,001	0,008	0,034	FALSE
-0,084	0,315	-0,001	0,006	0,078	FALSE
-0,073	0,302	-0,002	0,008	0,080	FALSE
-0,089	0,320	-0,002	0,009	0,095	FALSE
-0,090	0,306	-0,002	0,008	0,108	FALSE
0,173	0,305	0,005	0,008	0,252	FALSE
-0,119	0,295	-0,003	0,007	0,156	FALSE
0,110	0,318	0,004	0,013	0,127	FALSE
-0,129	0,317	-0,003	0,010	0,130	FALSE

0,028	0,324	0,000	0,008	0,008	FALSE
-0,033	0,303	-0,001	0,008	0,036	FALSE
0,150	0,307	0,005	0,009	0,220	FALSE
0,172	0,307	0,005	0,009	0,248	FALSE
0,017	0,318	0,001	0,012	0,043	FALSE
-0,114	0,301	-0,003	0,008	0,152	FALSE
-0,068	0,301	-0,003	0,011	0,087	FALSE
0,007	0,317	0,000	0,012	0,007	FALSE
-0,074	0,305	-0,003	0,011	0,115	FALSE
0,077	0,319	0,003	0,010	0,103	FALSE
0,059	0,302	0,002	0,009	0,101	FALSE
-0,185	0,306	-0,007	0,011	0,296	FALSE
0,065	0,323	0,002	0,008	0,086	FALSE
-0,019	0,310	-0,001	0,013	0,020	FALSE
-0,123	0,312	-0,004	0,009	0,168	FALSE
0,030	0,307	0,001	0,011	0,050	FALSE
0,089	0,303	0,003	0,011	0,093	FALSE
-0,052	0,327	-0,001	0,012	0,035	FALSE
-0,043	0,307	-0,001	0,010	0,046	FALSE
0,012	0,295	0,000	0,006	0,006	FALSE
0,081	0,306	0,002	0,009	0,081	FALSE
0,000	0,299	0,000	0,008	0,016	FALSE
0,039	0,308	0,001	0,007	0,039	FALSE
-0,045	0,312	-0,002	0,010	0,065	FALSE
-0,005	0,309	0,000	0,013	0,012	FALSE
-0,013	0,315	0,000	0,013	0,009	FALSE
0,009	0,299	0,001	0,012	0,032	FALSE
0,055	0,285	0,002	0,008	0,081	FALSE
-0,183	0,287	-0,008	0,012	0,307	FALSE
-0,189	0,281	-0,009	0,013	0,334	FALSE
-0,017	0,300	0,000	0,007	0,015	FALSE
-0,103	0,295	-0,002	0,006	0,122	FALSE
0,041	0,291	0,001	0,013	0,040	FALSE
-0,029	0,310	-0,001	0,010	0,031	FALSE
-0,036	0,305	-0,001	0,006	0,038	FALSE
-0,102	0,286	-0,003	0,011	0,125	FALSE
0,105	0,320	0,003	0,010	0,104	FALSE
-0,172	0,306	-0,004	0,008	0,218	FALSE
-0,022	0,307	0,000	0,011	0,014	FALSE
-0,054	0,301	-0,001	0,007	0,028	FALSE
0,014	0,323	0,001	0,010	0,036	FALSE
0,010	0,317	0,001	0,009	0,021	FALSE
-0,002	0,303	0,000	0,008	0,002	FALSE
-0,036	0,288	-0,001	0,012	0,038	FALSE
0,089	0,315	0,002	0,007	0,123	FALSE
0,050	0,307	0,002	0,008	0,085	FALSE
0,028	0,289	0,001	0,011	0,039	FALSE
0,098	0,296	0,005	0,012	0,166	FALSE
-0,089	0,296	-0,004	0,012	0,128	FALSE
-0,127	0,286	-0,006	0,011	0,229	FALSE
0,055	0,319	0,002	0,010	0,064	FALSE
0,021	0,310	0,001	0,009	0,031	FALSE
0,031	0,305	0,001	0,008	0,025	FALSE

-0,009	0,298	-0,001	0,011	0,043	FALSE
0,000	0,319	0,000	0,013	0,007	FALSE
0,034	0,309	0,000	0,007	0,023	FALSE
0,032	0,296	0,001	0,007	0,064	FALSE
-0,057	0,318	-0,003	0,011	0,094	FALSE
-0,090	0,315	-0,003	0,011	0,112	FALSE
0,100	0,310	0,002	0,006	0,091	FALSE
-0,028	0,307	-0,001	0,007	0,045	FALSE
-0,007	0,306	0,000	0,006	0,012	FALSE
0,069	0,307	0,002	0,007	0,102	FALSE
-0,095	0,295	-0,002	0,006	0,119	FALSE
0,055	0,313	0,002	0,011	0,079	FALSE
-0,045	0,299	-0,001	0,012	0,040	FALSE
-0,111	0,312	-0,002	0,007	0,143	FALSE
0,030	0,322	0,000	0,007	0,021	FALSE
0,077	0,296	0,002	0,012	0,073	FALSE
0,056	0,309	0,003	0,011	0,090	FALSE
-0,011	0,293	-0,001	0,010	0,028	FALSE
-0,067	0,304	-0,003	0,010	0,100	FALSE
0,104	0,306	0,003	0,007	0,172	FALSE
-0,077	0,305	-0,002	0,007	0,105	FALSE
0,059	0,300	0,002	0,010	0,095	FALSE
-0,044	0,303	-0,001	0,008	0,051	FALSE
0,050	0,310	0,001	0,011	0,040	FALSE
-0,027	0,314	-0,001	0,010	0,025	FALSE
-0,130	0,296	-0,003	0,007	0,161	FALSE
-0,046	0,311	-0,002	0,010	0,065	FALSE
-0,059	0,307	-0,003	0,010	0,097	FALSE
-0,044	0,305	-0,002	0,011	0,076	FALSE
-0,047	0,301	-0,003	0,012	0,085	FALSE
0,142	0,300	0,006	0,013	0,185	FALSE
0,104	0,313	0,004	0,013	0,137	FALSE
0,015	0,300	0,000	0,010	0,013	FALSE
0,011	0,317	0,000	0,011	0,013	FALSE
-0,042	0,323	-0,001	0,009	0,049	FALSE
-0,019	0,302	0,000	0,008	0,016	FALSE
0,020	0,309	0,002	0,013	0,049	FALSE
0,044	0,311	0,001	0,010	0,054	FALSE
-0,035	0,309	-0,001	0,008	0,053	FALSE
-0,060	0,306	-0,002	0,010	0,082	FALSE
-0,060	0,295	-0,002	0,012	0,064	FALSE
0,011	0,304	0,001	0,010	0,021	FALSE
0,020	0,313	0,001	0,006	0,039	FALSE
0,047	0,305	0,001	0,006	0,077	FALSE
-0,131	0,302	-0,004	0,009	0,178	FALSE
-0,133	0,302	-0,004	0,009	0,171	FALSE
0,122	0,311	0,004	0,010	0,171	FALSE
-0,085	0,311	-0,003	0,009	0,117	FALSE
-0,073	0,303	-0,004	0,012	0,126	FALSE
0,088	0,306	0,003	0,008	0,144	FALSE
-0,082	0,305	-0,002	0,008	0,118	FALSE
-0,150	0,303	-0,005	0,009	0,230	FALSE
0,040	0,308	0,001	0,012	0,038	FALSE

-0,155	0,300	-0,007	0,013	0,216	FALSE
-0,007	0,312	0,000	0,010	0,012	FALSE
-0,058	0,302	-0,001	0,006	0,062	FALSE
0,049	0,324	0,001	0,010	0,047	FALSE
0,096	0,317	0,002	0,007	0,092	FALSE
0,002	0,298	0,000	0,007	0,011	FALSE
-0,161	0,288	-0,005	0,009	0,253	FALSE
-0,019	0,307	-0,001	0,008	0,055	FALSE
0,158	0,294	0,007	0,012	0,249	FALSE
0,224	0,307	0,009	0,010	0,385	FALSE
-0,013	0,305	0,000	0,008	0,002	FALSE
0,156	0,298	0,007	0,013	0,231	FALSE
0,024	0,312	0,000	0,007	0,013	FALSE
-0,036	0,316	-0,001	0,011	0,041	FALSE
0,043	0,319	0,001	0,007	0,049	FALSE
0,056	0,310	0,001	0,006	0,070	FALSE
0,100	0,299	0,002	0,012	0,071	FALSE
-0,010	0,320	0,000	0,010	0,008	FALSE
-0,011	0,299	-0,001	0,012	0,040	FALSE
-0,075	0,306	-0,002	0,010	0,064	FALSE
0,006	0,308	0,000	0,009	0,014	FALSE
0,029	0,307	0,001	0,009	0,023	FALSE
0,077	0,303	0,002	0,007	0,094	FALSE
0,024	0,307	0,000	0,007	0,009	FALSE
0,055	0,309	0,002	0,013	0,051	FALSE
0,088	0,305	0,003	0,012	0,103	FALSE
-0,070	0,314	-0,003	0,013	0,088	FALSE
0,063	0,308	0,002	0,012	0,065	FALSE
-0,011	0,314	-0,001	0,010	0,025	FALSE
0,086	0,313	0,002	0,006	0,137	FALSE
-0,031	0,311	-0,001	0,009	0,041	FALSE
0,018	0,307	0,001	0,009	0,026	FALSE
0,070	0,296	0,002	0,008	0,094	FALSE
-0,017	0,293	0,000	0,011	0,009	FALSE
0,073	0,310	0,002	0,008	0,078	FALSE
-0,061	0,298	-0,001	0,006	0,090	FALSE
0,030	0,310	0,002	0,013	0,047	FALSE
0,026	0,306	0,002	0,013	0,043	FALSE
0,024	0,292	0,001	0,010	0,031	FALSE
0,044	0,298	0,001	0,009	0,060	FALSE
-0,050	0,309	-0,001	0,006	0,061	FALSE
-0,129	0,314	-0,004	0,010	0,173	FALSE
0,012	0,302	0,001	0,012	0,031	FALSE
0,087	0,314	0,003	0,011	0,099	FALSE
-0,018	0,299	0,000	0,009	0,015	FALSE
0,014	0,299	-0,001	0,012	0,031	FALSE
-0,020	0,297	-0,001	0,008	0,059	FALSE
-0,010	0,296	-0,001	0,011	0,048	FALSE
-0,095	0,318	-0,003	0,008	0,127	FALSE
-0,046	0,311	-0,002	0,012	0,075	FALSE
-0,006	0,303	0,000	0,008	0,015	FALSE
-0,037	0,311	-0,001	0,008	0,044	FALSE
0,063	0,306	0,001	0,007	0,062	FALSE

-0,056	0,304	-0,002	0,011	0,079	FALSE
-0,045	0,296	-0,002	0,010	0,066	FALSE
0,067	0,302	0,001	0,006	0,064	FALSE
-0,068	0,303	-0,001	0,006	0,078	FALSE
-0,005	0,299	0,000	0,007	0,012	FALSE
-0,080	0,306	-0,001	0,006	0,082	FALSE
-0,127	0,306	-0,004	0,011	0,130	FALSE
-0,061	0,314	-0,001	0,011	0,043	FALSE
-0,122	0,304	-0,006	0,013	0,184	FALSE
0,038	0,304	0,001	0,006	0,033	FALSE
-0,005	0,320	0,000	0,010	0,001	FALSE
-0,111	0,306	-0,003	0,010	0,124	FALSE
-0,026	0,312	0,000	0,010	0,001	FALSE
-0,060	0,298	-0,001	0,009	0,061	FALSE
0,132	0,305	0,003	0,008	0,178	FALSE
-0,141	0,300	-0,006	0,013	0,209	FALSE
0,106	0,309	0,002	0,007	0,129	FALSE
0,072	0,300	0,002	0,008	0,080	FALSE
0,081	0,310	0,002	0,006	0,131	FALSE
-0,075	0,303	-0,002	0,009	0,063	FALSE
-0,027	0,297	-0,001	0,006	0,045	FALSE
-0,062	0,296	-0,002	0,008	0,069	FALSE
0,050	0,298	0,002	0,011	0,065	FALSE
-0,023	0,297	0,000	0,006	0,023	FALSE
0,008	0,290	0,000	0,007	0,010	FALSE
0,042	0,302	0,002	0,013	0,048	FALSE
-0,025	0,308	-0,001	0,011	0,026	FALSE
-0,063	0,309	-0,001	0,006	0,080	FALSE
0,050	0,292	0,002	0,012	0,064	FALSE
0,064	0,309	0,003	0,013	0,077	FALSE
-0,069	0,299	-0,002	0,011	0,060	FALSE
0,096	0,316	0,003	0,009	0,133	FALSE
-0,096	0,322	-0,002	0,007	0,119	FALSE
-0,090	0,301	-0,002	0,009	0,099	FALSE
0,024	0,303	0,000	0,010	0,008	FALSE
0,033	0,315	0,001	0,011	0,029	FALSE
-0,074	0,302	-0,002	0,008	0,078	FALSE
0,086	0,304	0,003	0,010	0,101	FALSE
0,056	0,297	0,002	0,009	0,107	FALSE
-0,004	0,320	0,000	0,007	0,014	FALSE
0,039	0,307	0,002	0,011	0,054	FALSE
-0,186	0,298	-0,006	0,010	0,246	FALSE
-0,005	0,308	0,000	0,013	0,006	FALSE
-0,017	0,313	0,000	0,009	0,003	FALSE
-0,086	0,298	-0,003	0,008	0,122	FALSE
0,034	0,309	0,002	0,013	0,050	FALSE
-0,037	0,291	-0,001	0,009	0,044	FALSE
-0,019	0,323	-0,001	0,012	0,019	FALSE
-0,018	0,306	0,000	0,012	0,001	FALSE
-0,007	0,325	0,000	0,007	0,009	FALSE
-0,016	0,316	-0,001	0,011	0,033	FALSE
-0,024	0,295	-0,001	0,012	0,016	FALSE
-0,048	0,313	-0,001	0,007	0,049	FALSE

0,032	0,318	0,001	0,011	0,028	FALSE
0,017	0,319	0,000	0,010	0,012	FALSE
0,026	0,303	0,001	0,010	0,030	FALSE
-0,007	0,307	0,000	0,008	0,004	FALSE
0,046	0,317	0,001	0,011	0,044	FALSE
-0,045	0,305	-0,001	0,008	0,026	FALSE
0,023	0,303	0,001	0,007	0,029	FALSE
0,118	0,301	0,003	0,008	0,141	FALSE
0,026	0,303	0,001	0,012	0,033	FALSE
-0,012	0,315	-0,001	0,011	0,031	FALSE
-0,002	0,295	0,000	0,011	0,015	FALSE
-0,135	0,295	-0,004	0,009	0,165	FALSE
-0,012	0,318	-0,001	0,008	0,025	FALSE
-0,007	0,299	0,000	0,008	0,012	FALSE
0,026	0,301	0,002	0,013	0,059	FALSE
0,062	0,310	0,003	0,013	0,076	FALSE
-0,078	0,310	-0,002	0,008	0,093	FALSE
0,004	0,310	0,000	0,011	0,013	FALSE
-0,132	0,310	-0,004	0,009	0,185	FALSE
-0,019	0,303	0,000	0,011	0,008	FALSE
0,089	0,298	0,001	0,006	0,087	FALSE
-0,144	0,298	-0,007	0,012	0,257	FALSE
0,015	0,295	0,000	0,010	0,005	FALSE
0,049	0,307	0,002	0,007	0,083	FALSE
-0,138	0,300	-0,005	0,012	0,194	FALSE
-0,028	0,300	-0,002	0,011	0,052	FALSE
0,079	0,315	0,002	0,009	0,079	FALSE
0,090	0,287	0,003	0,012	0,094	FALSE
-0,095	0,309	-0,002	0,010	0,075	FALSE
-0,024	0,317	0,000	0,007	0,016	FALSE
0,120	0,306	0,003	0,010	0,136	FALSE
0,065	0,313	0,003	0,011	0,100	FALSE
-0,103	0,301	-0,004	0,013	0,134	FALSE
0,087	0,294	0,002	0,007	0,091	FALSE
0,032	0,296	0,001	0,012	0,022	FALSE
0,036	0,304	0,001	0,007	0,043	FALSE
0,086	0,299	0,003	0,012	0,110	FALSE
-0,104	0,308	-0,004	0,013	0,112	FALSE
0,031	0,303	0,001	0,008	0,043	FALSE
0,027	0,315	0,001	0,013	0,030	FALSE
-0,031	0,291	-0,001	0,011	0,033	FALSE
-0,076	0,309	-0,003	0,012	0,103	FALSE
-0,077	0,312	-0,003	0,012	0,100	FALSE
0,100	0,297	0,003	0,006	0,176	FALSE
0,087	0,300	0,002	0,007	0,146	FALSE
0,006	0,295	0,000	0,007	0,011	FALSE
0,068	0,293	0,002	0,009	0,070	FALSE
0,087	0,306	0,002	0,010	0,089	FALSE
0,002	0,311	0,000	0,008	0,010	FALSE
0,046	0,307	0,001	0,010	0,037	FALSE
0,047	0,299	0,001	0,010	0,031	FALSE
-0,042	0,311	-0,002	0,013	0,048	FALSE
0,000	0,308	0,000	0,007	0,003	FALSE

-0,042	0,297	-0,001	0,007	0,045	FALSE
-0,173	0,294	-0,005	0,008	0,247	FALSE
-0,161	0,293	-0,004	0,008	0,234	FALSE
0,041	0,306	0,001	0,008	0,035	FALSE
-0,013	0,318	0,000	0,007	0,007	FALSE
0,017	0,311	0,000	0,007	0,016	FALSE
0,095	0,297	0,002	0,006	0,100	FALSE
-0,076	0,323	-0,002	0,009	0,075	FALSE
-0,071	0,305	-0,002	0,007	0,093	FALSE
-0,030	0,306	-0,002	0,013	0,053	FALSE
-0,003	0,302	0,000	0,006	0,012	FALSE
-0,036	0,323	-0,001	0,009	0,022	FALSE
0,166	0,300	0,006	0,010	0,256	FALSE
-0,023	0,314	0,000	0,010	0,011	FALSE
0,093	0,304	0,003	0,009	0,127	FALSE
0,053	0,312	0,001	0,008	0,054	FALSE
0,021	0,323	0,000	0,008	0,002	FALSE
0,046	0,296	0,001	0,009	0,039	FALSE
-0,035	0,316	-0,001	0,006	0,058	FALSE
0,087	0,300	0,003	0,010	0,115	FALSE
0,062	0,317	0,002	0,009	0,079	FALSE
-0,096	0,307	-0,002	0,007	0,115	FALSE
-0,022	0,292	-0,001	0,010	0,032	FALSE
0,043	0,307	0,001	0,008	0,054	FALSE
-0,086	0,308	-0,003	0,009	0,112	FALSE
0,038	0,309	0,001	0,007	0,055	FALSE
-0,015	0,305	-0,001	0,012	0,015	FALSE
0,039	0,318	0,001	0,007	0,058	FALSE
-0,028	0,297	-0,001	0,011	0,019	FALSE
-0,134	0,311	-0,003	0,008	0,167	FALSE
0,052	0,310	0,001	0,008	0,055	FALSE
-0,086	0,279	-0,004	0,013	0,121	FALSE
-0,039	0,303	-0,001	0,009	0,062	FALSE
-0,097	0,293	-0,005	0,012	0,150	FALSE
-0,072	0,301	-0,003	0,011	0,115	FALSE
-0,106	0,302	-0,004	0,009	0,165	FALSE
-0,100	0,313	-0,003	0,009	0,138	FALSE
0,015	0,307	0,001	0,012	0,021	FALSE
-0,089	0,305	-0,003	0,009	0,111	FALSE
0,180	0,287	0,004	0,006	0,253	FALSE
-0,084	0,306	-0,004	0,011	0,127	FALSE
-0,054	0,318	-0,002	0,014	0,067	FALSE
-0,040	0,303	-0,002	0,009	0,072	FALSE
-0,006	0,309	0,001	0,008	0,031	FALSE
0,062	0,311	0,002	0,012	0,074	FALSE
0,010	0,293	0,001	0,011	0,021	FALSE
0,169	0,302	0,006	0,011	0,240	FALSE
0,125	0,315	0,003	0,008	0,147	FALSE
-0,142	0,300	-0,006	0,011	0,205	FALSE
-0,004	0,304	0,000	0,008	0,007	FALSE
0,099	0,314	0,003	0,010	0,124	FALSE
0,095	0,321	0,004	0,013	0,114	FALSE
0,079	0,314	0,004	0,013	0,109	FALSE

0,103	0,295	0,004	0,011	0,157	FALSE
0,050	0,294	0,002	0,009	0,083	FALSE
0,044	0,312	0,002	0,011	0,078	FALSE
0,039	0,319	0,001	0,007	0,027	FALSE
0,062	0,313	0,002	0,008	0,117	FALSE
0,004	0,308	0,000	0,012	0,002	FALSE
0,088	0,297	0,003	0,012	0,109	FALSE
0,006	0,312	0,001	0,010	0,026	FALSE
0,134	0,311	0,005	0,011	0,175	FALSE
-0,085	0,306	-0,003	0,013	0,099	FALSE
-0,009	0,318	0,000	0,008	0,021	FALSE
-0,155	0,309	-0,005	0,010	0,211	FALSE
-0,024	0,312	-0,001	0,011	0,047	FALSE
-0,001	0,311	0,000	0,013	0,006	FALSE
-0,066	0,303	-0,003	0,012	0,097	FALSE
-0,183	0,305	-0,004	0,007	0,248	FALSE
-0,090	0,317	-0,002	0,007	0,111	FALSE
0,004	0,317	0,000	0,008	0,003	FALSE
-0,018	0,309	-0,001	0,008	0,027	FALSE
-0,007	0,310	0,000	0,008	0,003	FALSE
-0,057	0,296	-0,001	0,007	0,045	FALSE
0,172	0,297	0,007	0,012	0,262	FALSE
-0,009	0,307	-0,001	0,010	0,021	FALSE
-0,137	0,316	-0,004	0,010	0,183	FALSE
0,182	0,301	0,007	0,012	0,256	FALSE
-0,054	0,296	-0,001	0,007	0,067	FALSE
0,115	0,299	0,004	0,010	0,162	FALSE
-0,127	0,301	-0,005	0,010	0,186	FALSE
0,033	0,316	0,001	0,007	0,041	FALSE
0,105	0,307	0,004	0,012	0,155	FALSE
0,143	0,300	0,006	0,012	0,219	FALSE
0,064	0,316	0,002	0,009	0,070	FALSE
0,062	0,308	0,003	0,012	0,103	FALSE
0,069	0,306	0,001	0,006	0,076	FALSE
0,011	0,310	0,000	0,007	0,022	FALSE
-0,068	0,299	-0,003	0,013	0,087	FALSE
-0,015	0,320	-0,001	0,008	0,035	FALSE
0,046	0,323	0,001	0,008	0,043	FALSE
-0,106	0,315	-0,003	0,009	0,112	FALSE
0,015	0,318	0,001	0,012	0,017	FALSE
0,039	0,302	0,001	0,009	0,044	FALSE
0,015	0,300	0,000	0,012	0,005	FALSE
0,103	0,312	0,002	0,008	0,113	FALSE
0,030	0,321	0,001	0,007	0,058	FALSE
0,041	0,321	0,001	0,008	0,042	FALSE
0,015	0,313	0,000	0,007	0,016	FALSE
0,021	0,299	0,001	0,009	0,045	FALSE
0,088	0,318	0,003	0,008	0,129	FALSE
0,074	0,301	0,003	0,012	0,082	FALSE
0,076	0,309	0,002	0,007	0,112	FALSE
-0,001	0,306	-0,001	0,007	0,029	FALSE
0,015	0,313	0,000	0,008	0,002	FALSE
0,027	0,321	0,001	0,007	0,031	FALSE

-0,048	0,301	-0,001	0,007	0,065	FALSE
-0,063	0,299	-0,003	0,011	0,100	FALSE
-0,005	0,301	-0,001	0,011	0,022	FALSE
-0,029	0,313	0,000	0,007	0,018	FALSE
0,083	0,309	0,003	0,008	0,130	FALSE
0,000	0,302	0,000	0,011	0,012	FALSE
0,047	0,298	0,000	0,009	0,001	FALSE
0,015	0,312	-0,001	0,013	0,019	FALSE
-0,050	0,316	-0,001	0,007	0,061	FALSE
-0,059	0,305	-0,003	0,012	0,099	FALSE
0,031	0,311	0,001	0,009	0,049	FALSE
0,136	0,308	0,004	0,012	0,151	FALSE
-0,098	0,309	-0,004	0,013	0,116	FALSE
-0,038	0,305	-0,001	0,009	0,051	FALSE
-0,106	0,295	-0,003	0,008	0,156	FALSE
-0,047	0,309	-0,001	0,007	0,052	FALSE
0,110	0,304	0,003	0,008	0,129	FALSE
0,009	0,319	0,000	0,008	0,016	FALSE
0,126	0,299	0,005	0,011	0,190	FALSE
0,038	0,309	0,001	0,008	0,050	FALSE
-0,147	0,294	-0,005	0,010	0,208	FALSE
-0,148	0,304	-0,006	0,011	0,219	FALSE
-0,089	0,322	-0,003	0,008	0,136	FALSE
-0,041	0,303	-0,001	0,007	0,063	FALSE
0,235	0,315	0,008	0,011	0,331	FALSE
0,105	0,301	0,003	0,007	0,147	FALSE
-0,077	0,319	-0,003	0,013	0,094	FALSE
0,032	0,316	0,001	0,009	0,048	FALSE
0,010	0,317	0,000	0,012	0,003	FALSE
0,042	0,309	0,001	0,013	0,036	FALSE
-0,040	0,296	-0,002	0,009	0,062	FALSE
-0,071	0,298	-0,001	0,008	0,066	FALSE
-0,073	0,296	-0,002	0,007	0,084	FALSE
0,026	0,317	0,002	0,012	0,057	FALSE
-0,007	0,323	0,000	0,010	0,004	FALSE
-0,091	0,319	-0,003	0,013	0,095	FALSE
-0,013	0,289	-0,001	0,010	0,019	FALSE
0,045	0,292	0,001	0,009	0,059	FALSE
-0,009	0,302	0,000	0,006	0,004	FALSE
-0,155	0,305	-0,006	0,010	0,224	FALSE
-0,140	0,307	-0,005	0,010	0,201	FALSE
-0,086	0,306	-0,003	0,012	0,089	FALSE
-0,010	0,305	0,000	0,013	0,002	FALSE
0,017	0,298	0,001	0,012	0,034	FALSE
-0,056	0,307	-0,002	0,009	0,087	FALSE
-0,018	0,299	-0,001	0,007	0,025	FALSE
-0,005	0,315	0,000	0,007	0,015	FALSE
-0,062	0,308	-0,002	0,013	0,065	FALSE
0,181	0,296	0,004	0,008	0,256	FALSE
-0,064	0,299	-0,001	0,010	0,051	FALSE
0,031	0,313	0,001	0,012	0,030	FALSE
-0,105	0,312	-0,003	0,009	0,130	FALSE
0,191	0,309	0,008	0,013	0,275	FALSE

-0,007	0,305	-0,001	0,009	0,033	FALSE
0,042	0,310	0,001	0,010	0,044	FALSE
-0,039	0,326	-0,002	0,011	0,063	FALSE
0,004	0,321	0,001	0,012	0,018	FALSE
-0,010	0,297	-0,001	0,007	0,032	FALSE
0,073	0,303	0,001	0,007	0,074	FALSE
-0,002	0,317	0,000	0,008	0,005	FALSE
0,022	0,309	0,000	0,011	0,014	FALSE
0,079	0,307	0,002	0,008	0,081	FALSE
0,011	0,310	0,000	0,013	0,014	FALSE
0,044	0,305	0,002	0,012	0,073	FALSE
-0,044	0,323	-0,002	0,013	0,057	FALSE
-0,136	0,289	-0,006	0,012	0,201	FALSE
-0,066	0,317	-0,002	0,010	0,065	FALSE
0,130	0,307	0,006	0,013	0,171	FALSE
0,029	0,313	0,001	0,008	0,037	FALSE
0,056	0,300	0,002	0,009	0,077	FALSE
0,122	0,326	0,005	0,012	0,155	FALSE
0,092	0,306	0,004	0,012	0,129	FALSE
0,062	0,307	0,002	0,006	0,091	FALSE
0,079	0,312	0,002	0,007	0,084	FALSE
-0,087	0,307	-0,005	0,013	0,148	FALSE
0,019	0,312	0,000	0,008	0,015	FALSE
-0,091	0,304	-0,003	0,009	0,105	FALSE
0,042	0,323	0,002	0,009	0,064	FALSE
-0,107	0,300	-0,002	0,007	0,126	FALSE
0,044	0,309	0,001	0,009	0,043	FALSE
-0,042	0,308	-0,001	0,007	0,053	FALSE
-0,032	0,307	-0,001	0,011	0,037	FALSE
0,120	0,303	0,004	0,009	0,183	FALSE
-0,009	0,306	0,001	0,009	0,023	FALSE
0,065	0,309	0,003	0,010	0,108	FALSE
0,050	0,292	0,002	0,007	0,086	FALSE
0,051	0,315	0,001	0,007	0,070	FALSE
-0,136	0,311	-0,004	0,010	0,184	FALSE
0,038	0,310	0,002	0,013	0,058	FALSE
0,049	0,313	0,002	0,013	0,064	FALSE
0,064	0,326	0,002	0,008	0,079	FALSE
0,055	0,315	0,001	0,007	0,078	FALSE
-0,075	0,309	-0,002	0,010	0,090	FALSE
0,051	0,312	0,002	0,007	0,082	FALSE
0,014	0,322	0,000	0,011	0,002	FALSE
-0,016	0,293	-0,001	0,012	0,026	FALSE
-0,049	0,315	-0,001	0,008	0,062	FALSE
-0,060	0,311	-0,002	0,012	0,058	FALSE
-0,064	0,296	-0,001	0,007	0,065	FALSE
0,064	0,307	0,003	0,012	0,091	FALSE
0,098	0,305	0,004	0,013	0,134	FALSE
-0,063	0,304	-0,002	0,011	0,077	FALSE
0,102	0,302	0,003	0,009	0,118	FALSE
0,034	0,309	0,001	0,011	0,030	FALSE
0,027	0,302	0,001	0,012	0,039	FALSE
-0,042	0,310	-0,001	0,013	0,027	FALSE

0,023	0,304	0,000	0,006	0,017	FALSE
0,040	0,310	0,001	0,013	0,026	FALSE
0,032	0,298	0,001	0,010	0,020	FALSE
0,029	0,303	0,000	0,007	0,005	FALSE
-0,021	0,317	0,000	0,007	0,014	FALSE
0,037	0,309	0,000	0,008	0,012	FALSE
0,012	0,313	0,000	0,008	0,021	FALSE
-0,058	0,306	-0,001	0,007	0,072	FALSE
0,199	0,296	0,007	0,010	0,309	FALSE
0,224	0,286	0,009	0,010	0,400	FALSE
0,160	0,301	0,007	0,011	0,261	FALSE
-0,100	0,305	-0,002	0,008	0,114	FALSE
0,063	0,291	0,002	0,010	0,071	FALSE
-0,058	0,305	-0,002	0,011	0,060	FALSE
-0,038	0,314	-0,001	0,010	0,052	FALSE
-0,125	0,302	-0,003	0,006	0,163	FALSE
-0,127	0,317	-0,002	0,007	0,136	FALSE
0,001	0,318	0,000	0,010	0,000	FALSE
-0,014	0,304	-0,001	0,010	0,020	FALSE
0,087	0,316	0,003	0,011	0,101	FALSE
-0,069	0,307	-0,002	0,010	0,083	FALSE
0,003	0,306	0,000	0,006	0,002	FALSE
0,086	0,292	0,002	0,007	0,104	FALSE
0,014	0,304	0,000	0,013	0,006	FALSE
0,123	0,302	0,004	0,008	0,189	FALSE
0,108	0,298	0,003	0,008	0,145	FALSE
-0,077	0,305	-0,002	0,009	0,098	FALSE
-0,087	0,319	-0,003	0,012	0,100	FALSE
0,056	0,308	0,001	0,009	0,049	FALSE
-0,078	0,295	-0,004	0,011	0,143	FALSE
0,115	0,302	0,003	0,011	0,128	TRUE
0,082	0,311	0,003	0,012	0,100	FALSE
0,057	0,312	0,002	0,008	0,099	FALSE
0,112	0,306	0,004	0,010	0,145	FALSE
0,052	0,312	0,001	0,009	0,051	FALSE
0,096	0,314	0,003	0,012	0,103	FALSE
-0,026	0,312	0,000	0,007	0,023	FALSE
0,000	0,299	0,000	0,010	0,007	FALSE
0,035	0,310	0,001	0,010	0,035	FALSE
-0,046	0,310	-0,001	0,007	0,067	FALSE
-0,016	0,317	-0,001	0,013	0,026	FALSE
0,135	0,306	0,003	0,007	0,194	FALSE
0,003	0,304	0,000	0,011	0,002	FALSE
-0,035	0,314	-0,001	0,012	0,043	FALSE
0,032	0,303	0,002	0,010	0,062	FALSE
-0,018	0,303	-0,001	0,012	0,025	FALSE
-0,018	0,306	-0,001	0,012	0,027	FALSE
-0,054	0,293	-0,001	0,007	0,044	FALSE
0,032	0,306	0,001	0,007	0,035	FALSE
0,027	0,305	0,001	0,011	0,020	FALSE
-0,058	0,323	-0,003	0,012	0,086	FALSE
-0,084	0,319	-0,004	0,011	0,128	FALSE
0,099	0,306	0,004	0,012	0,132	FALSE

-0,164	0,313	-0,007	0,013	0,254	FALSE
0,032	0,312	0,001	0,012	0,036	FALSE
-0,011	0,322	0,000	0,008	0,005	FALSE
0,087	0,302	0,002	0,008	0,113	FALSE
0,063	0,320	0,002	0,007	0,084	FALSE
0,009	0,311	0,001	0,012	0,023	FALSE
0,001	0,303	0,000	0,007	0,008	FALSE
-0,054	0,311	-0,001	0,007	0,059	FALSE
-0,129	0,287	-0,005	0,013	0,152	FALSE
0,203	0,295	0,008	0,012	0,283	FALSE
-0,012	0,306	0,000	0,012	0,010	FALSE
0,065	0,311	0,002	0,007	0,099	FALSE
0,062	0,313	0,003	0,012	0,081	FALSE
0,087	0,304	0,004	0,011	0,129	FALSE
-0,045	0,312	-0,001	0,009	0,061	FALSE
-0,130	0,309	-0,004	0,009	0,182	FALSE
-0,102	0,312	-0,002	0,007	0,103	FALSE
-0,098	0,310	-0,003	0,009	0,124	FALSE
-0,113	0,320	-0,003	0,010	0,130	FALSE
-0,121	0,301	-0,003	0,008	0,185	FALSE
-0,132	0,298	-0,004	0,009	0,183	FALSE
-0,054	0,302	-0,001	0,007	0,054	FALSE
0,153	0,291	0,006	0,010	0,257	FALSE
0,158	0,295	0,005	0,008	0,251	FALSE
0,012	0,299	0,000	0,007	0,008	FALSE
0,172	0,300	0,004	0,007	0,227	FALSE
-0,053	0,296	-0,001	0,007	0,061	FALSE
-0,095	0,305	-0,002	0,007	0,126	FALSE
0,002	0,304	0,000	0,007	0,004	FALSE
0,033	0,291	0,001	0,007	0,037	FALSE
-0,052	0,305	-0,001	0,007	0,054	FALSE
-0,038	0,305	-0,002	0,013	0,043	FALSE
0,084	0,306	0,003	0,009	0,128	FALSE
-0,034	0,316	-0,001	0,007	0,030	FALSE
-0,117	0,305	-0,004	0,009	0,202	FALSE
0,082	0,299	0,002	0,007	0,111	FALSE
0,006	0,298	0,001	0,009	0,036	FALSE
-0,087	0,304	-0,002	0,008	0,118	FALSE
0,083	0,316	0,003	0,009	0,110	FALSE
0,067	0,303	0,002	0,007	0,108	FALSE
-0,095	0,302	-0,003	0,010	0,126	FALSE
-0,085	0,299	-0,003	0,010	0,109	FALSE
0,103	0,295	0,005	0,012	0,168	FALSE
-0,003	0,297	0,000	0,007	0,015	FALSE
0,020	0,301	0,001	0,011	0,020	FALSE
-0,046	0,315	-0,003	0,013	0,078	FALSE
-0,038	0,297	-0,001	0,011	0,022	FALSE
-0,022	0,298	0,000	0,012	0,012	FALSE
0,122	0,304	0,004	0,008	0,193	FALSE
-0,077	0,310	-0,002	0,008	0,098	FALSE
0,027	0,318	0,001	0,007	0,030	FALSE
0,116	0,307	0,004	0,011	0,141	FALSE
-0,002	0,296	0,000	0,006	0,014	FALSE

0,098	0,304	0,003	0,010	0,120	FALSE
-0,083	0,301	-0,002	0,007	0,128	FALSE
-0,115	0,298	-0,003	0,007	0,184	FALSE
0,078	0,311	0,002	0,009	0,107	FALSE
-0,047	0,314	-0,001	0,008	0,048	FALSE
0,080	0,302	0,001	0,007	0,065	FALSE
0,071	0,319	0,002	0,010	0,079	FALSE
0,054	0,297	0,001	0,009	0,039	FALSE
-0,135	0,305	-0,006	0,012	0,199	FALSE
-0,075	0,307	-0,003	0,012	0,105	FALSE
-0,062	0,309	-0,003	0,012	0,088	FALSE
-0,089	0,311	-0,004	0,012	0,119	FALSE
-0,041	0,313	-0,001	0,008	0,054	FALSE
-0,107	0,310	-0,002	0,007	0,118	FALSE
0,061	0,318	0,002	0,011	0,089	FALSE
-0,077	0,315	-0,003	0,013	0,097	FALSE
-0,153	0,291	-0,005	0,010	0,237	FALSE
-0,143	0,312	-0,005	0,010	0,197	FALSE
-0,081	0,304	-0,002	0,011	0,076	FALSE
0,078	0,317	0,003	0,011	0,092	FALSE
-0,035	0,311	-0,001	0,011	0,039	FALSE
0,087	0,293	0,002	0,007	0,112	FALSE
-0,026	0,312	0,000	0,008	0,021	FALSE
-0,036	0,309	-0,001	0,009	0,028	FALSE
0,068	0,310	0,002	0,011	0,053	FALSE
0,051	0,317	0,002	0,009	0,079	FALSE
0,010	0,316	0,000	0,007	0,003	FALSE
-0,013	0,299	0,000	0,007	0,019	FALSE
-0,091	0,299	-0,002	0,007	0,137	FALSE
0,060	0,300	0,001	0,008	0,054	FALSE
0,079	0,302	0,002	0,009	0,067	FALSE
-0,007	0,297	-0,001	0,010	0,029	FALSE
0,018	0,308	0,001	0,007	0,041	FALSE
0,088	0,297	0,003	0,011	0,108	FALSE
-0,003	0,297	0,000	0,008	0,005	FALSE
-0,023	0,308	0,000	0,011	0,001	FALSE
0,062	0,308	0,002	0,011	0,067	FALSE
0,046	0,304	0,001	0,009	0,046	FALSE
0,070	0,310	0,002	0,008	0,093	FALSE
0,102	0,314	0,004	0,011	0,150	FALSE
-0,001	0,314	0,000	0,011	0,013	FALSE
0,091	0,304	0,003	0,009	0,120	FALSE
0,011	0,316	0,001	0,010	0,039	FALSE
0,028	0,301	0,001	0,008	0,056	FALSE
-0,009	0,327	0,000	0,008	0,008	FALSE
0,029	0,311	0,000	0,012	0,004	FALSE
0,030	0,309	0,001	0,011	0,044	FALSE
-0,088	0,299	-0,002	0,007	0,102	FALSE
-0,104	0,308	-0,002	0,008	0,118	FALSE
-0,093	0,325	-0,002	0,008	0,091	FALSE
-0,027	0,311	-0,001	0,008	0,025	FALSE
0,089	0,313	0,002	0,009	0,093	FALSE
-0,027	0,307	0,000	0,008	0,007	FALSE

0,035	0,296	0,001	0,007	0,058	FALSE
-0,043	0,307	-0,001	0,007	0,046	FALSE
-0,033	0,307	-0,002	0,011	0,056	FALSE
0,086	0,305	0,004	0,009	0,159	FALSE
0,078	0,310	0,002	0,009	0,080	FALSE
0,123	0,304	0,004	0,009	0,164	FALSE
0,039	0,318	0,001	0,009	0,030	FALSE
0,075	0,301	0,002	0,008	0,080	FALSE
-0,190	0,300	-0,006	0,010	0,262	FALSE
-0,126	0,304	-0,003	0,007	0,132	FALSE
0,031	0,301	0,001	0,009	0,057	FALSE
0,010	0,317	0,000	0,013	0,013	FALSE
-0,017	0,300	0,000	0,006	0,003	FALSE
0,108	0,293	0,003	0,006	0,167	FALSE
0,010	0,306	0,000	0,009	0,014	FALSE
-0,034	0,302	-0,001	0,008	0,038	FALSE
-0,032	0,320	-0,001	0,010	0,036	FALSE
0,101	0,314	0,004	0,013	0,123	FALSE
-0,150	0,310	-0,007	0,012	0,233	FALSE
0,033	0,309	0,001	0,008	0,052	FALSE
-0,046	0,317	-0,001	0,009	0,036	FALSE
0,011	0,307	0,000	0,009	0,013	FALSE
0,002	0,321	0,000	0,007	0,005	FALSE
-0,041	0,306	0,000	0,009	0,015	FALSE
-0,069	0,313	-0,002	0,009	0,068	FALSE
0,176	0,290	0,006	0,010	0,265	FALSE
0,099	0,294	0,004	0,010	0,145	FALSE
-0,026	0,310	-0,001	0,010	0,048	FALSE
0,135	0,306	0,005	0,011	0,191	FALSE
-0,020	0,318	-0,001	0,007	0,034	FALSE
0,070	0,303	0,003	0,011	0,093	FALSE
-0,024	0,297	0,000	0,007	0,021	FALSE
-0,075	0,288	-0,001	0,006	0,079	FALSE
0,045	0,310	0,002	0,009	0,079	FALSE
0,104	0,313	0,003	0,008	0,149	FALSE
-0,015	0,303	0,001	0,010	0,022	FALSE
0,025	0,296	0,000	0,008	0,002	FALSE
-0,045	0,300	-0,001	0,008	0,059	FALSE
0,005	0,307	0,000	0,011	0,002	FALSE
-0,163	0,300	-0,005	0,009	0,228	FALSE
-0,021	0,304	0,000	0,007	0,010	FALSE
0,101	0,323	0,003	0,008	0,131	FALSE
0,120	0,320	0,003	0,007	0,160	FALSE
0,007	0,314	0,000	0,011	0,013	FALSE
0,065	0,304	0,002	0,011	0,075	FALSE
-0,128	0,304	-0,003	0,007	0,199	FALSE
-0,129	0,308	-0,003	0,007	0,204	FALSE
-0,057	0,306	-0,002	0,012	0,077	FALSE
-0,155	0,308	-0,006	0,013	0,197	FALSE
-0,170	0,304	-0,006	0,012	0,225	FALSE
-0,002	0,304	0,000	0,006	0,026	FALSE
-0,171	0,316	-0,007	0,011	0,253	FALSE
-0,117	0,315	-0,004	0,011	0,167	FALSE

0,029	0,310	0,000	0,008	0,017	FALSE
-0,026	0,304	-0,001	0,013	0,032	FALSE
-0,028	0,312	-0,001	0,008	0,045	FALSE
0,018	0,302	0,001	0,010	0,024	FALSE
-0,050	0,315	-0,003	0,013	0,103	FALSE
0,136	0,315	0,003	0,007	0,182	FALSE
0,021	0,303	0,000	0,007	0,017	FALSE
-0,067	0,298	-0,002	0,008	0,086	FALSE
0,018	0,317	0,000	0,013	0,005	FALSE
-0,039	0,312	-0,001	0,006	0,073	FALSE
-0,028	0,318	0,000	0,007	0,015	FALSE
0,037	0,303	0,001	0,009	0,051	FALSE
0,011	0,328	0,000	0,010	0,005	FALSE
-0,206	0,298	-0,006	0,009	0,310	FALSE
-0,036	0,303	-0,001	0,008	0,028	FALSE
-0,017	0,298	0,000	0,010	0,006	FALSE
0,016	0,310	0,001	0,012	0,046	FALSE
0,065	0,322	0,003	0,012	0,079	FALSE
0,017	0,306	0,000	0,006	0,018	FALSE
-0,091	0,298	-0,002	0,008	0,120	FALSE
-0,015	0,302	0,000	0,011	0,014	FALSE
0,013	0,310	0,000	0,008	0,003	FALSE
-0,055	0,313	-0,002	0,012	0,061	FALSE
0,121	0,305	0,004	0,011	0,157	FALSE
0,002	0,299	0,000	0,006	0,009	FALSE
-0,046	0,299	-0,001	0,006	0,043	FALSE
0,129	0,309	0,004	0,012	0,144	FALSE
-0,073	0,300	-0,001	0,006	0,078	FALSE
-0,060	0,303	-0,001	0,006	0,088	FALSE
-0,114	0,306	-0,003	0,007	0,175	FALSE
-0,009	0,297	0,000	0,007	0,010	FALSE
0,040	0,294	0,001	0,011	0,044	FALSE
0,016	0,304	0,000	0,007	0,011	FALSE
-0,057	0,321	-0,002	0,011	0,079	FALSE
-0,116	0,299	-0,005	0,013	0,164	FALSE
-0,001	0,316	0,001	0,008	0,027	FALSE
0,067	0,304	0,002	0,011	0,051	FALSE
-0,063	0,313	-0,002	0,011	0,080	FALSE
-0,176	0,296	-0,006	0,010	0,256	FALSE
-0,139	0,293	-0,003	0,008	0,162	FALSE
-0,025	0,300	0,000	0,008	0,004	FALSE
-0,013	0,311	-0,001	0,008	0,027	FALSE
0,085	0,308	0,004	0,013	0,115	FALSE
0,074	0,300	0,003	0,011	0,110	FALSE
-0,162	0,299	-0,004	0,007	0,254	FALSE
0,041	0,314	0,001	0,010	0,037	FALSE
-0,049	0,299	-0,001	0,007	0,070	FALSE
-0,164	0,311	-0,006	0,013	0,214	FALSE
-0,133	0,301	-0,005	0,012	0,170	FALSE
0,142	0,295	0,005	0,009	0,211	FALSE
0,098	0,304	0,003	0,011	0,122	FALSE
0,043	0,310	0,001	0,009	0,052	FALSE
0,116	0,313	0,004	0,010	0,137	FALSE

0,151	0,303	0,006	0,011	0,237	FALSE
-0,102	0,325	-0,003	0,010	0,134	FALSE
0,072	0,301	0,002	0,008	0,078	FALSE
-0,109	0,314	-0,004	0,012	0,141	FALSE
0,036	0,307	0,001	0,009	0,036	FALSE
-0,111	0,301	-0,004	0,013	0,115	FALSE
-0,005	0,303	-0,001	0,008	0,028	FALSE
-0,021	0,310	0,000	0,012	0,012	FALSE
0,082	0,306	0,003	0,011	0,105	FALSE
-0,152	0,308	-0,003	0,008	0,177	FALSE
0,128	0,306	0,005	0,011	0,193	FALSE
0,107	0,302	0,004	0,011	0,156	FALSE
-0,088	0,294	-0,005	0,012	0,165	FALSE
0,126	0,295	0,005	0,010	0,201	FALSE
-0,058	0,301	-0,002	0,011	0,066	FALSE
-0,009	0,306	-0,001	0,013	0,038	FALSE
0,072	0,294	0,002	0,007	0,091	FALSE
0,053	0,308	0,002	0,013	0,055	FALSE
0,094	0,319	0,002	0,008	0,113	FALSE
0,026	0,310	0,001	0,010	0,024	FALSE
-0,111	0,307	-0,002	0,008	0,120	FALSE
-0,067	0,317	-0,002	0,009	0,098	FALSE
-0,009	0,312	0,000	0,011	0,008	FALSE
0,171	0,299	0,004	0,007	0,232	FALSE
-0,089	0,297	-0,002	0,007	0,122	FALSE
-0,019	0,311	0,000	0,008	0,007	FALSE
0,052	0,306	0,002	0,009	0,067	FALSE
-0,062	0,296	-0,003	0,012	0,087	FALSE
0,169	0,300	0,005	0,010	0,195	FALSE
0,066	0,317	0,001	0,006	0,071	FALSE
-0,026	0,299	-0,001	0,008	0,029	FALSE
-0,148	0,295	-0,004	0,008	0,207	FALSE
0,021	0,309	0,001	0,013	0,019	FALSE
0,061	0,306	0,002	0,007	0,080	FALSE
-0,040	0,318	-0,002	0,013	0,054	FALSE
-0,096	0,303	-0,003	0,009	0,118	FALSE
0,033	0,308	0,000	0,007	0,021	FALSE
-0,055	0,309	-0,001	0,007	0,050	FALSE
0,049	0,310	0,002	0,010	0,072	FALSE
0,012	0,326	0,001	0,008	0,024	FALSE
-0,002	0,295	0,000	0,006	0,013	FALSE
-0,070	0,298	-0,002	0,007	0,086	FALSE
0,069	0,317	0,002	0,008	0,088	FALSE
0,103	0,304	0,002	0,007	0,134	FALSE
0,025	0,310	0,001	0,007	0,047	FALSE
0,035	0,305	0,001	0,007	0,049	FALSE
0,114	0,313	0,003	0,008	0,154	FALSE
-0,012	0,290	0,000	0,009	0,012	FALSE
0,056	0,310	0,002	0,012	0,067	FALSE
-0,001	0,297	-0,001	0,008	0,024	FALSE
0,045	0,312	0,001	0,012	0,043	FALSE
0,097	0,312	0,003	0,010	0,127	FALSE
-0,041	0,306	-0,001	0,007	0,033	FALSE

-0,151	0,299	-0,006	0,011	0,237	FALSE
-0,004	0,309	0,000	0,013	0,006	FALSE
0,030	0,309	0,001	0,009	0,040	FALSE
-0,018	0,310	0,000	0,007	0,021	FALSE
0,046	0,313	0,002	0,012	0,050	FALSE
-0,041	0,289	-0,002	0,013	0,057	FALSE
0,013	0,295	0,000	0,011	0,008	FALSE
0,027	0,299	0,001	0,011	0,028	FALSE
-0,093	0,303	-0,003	0,010	0,109	FALSE
0,074	0,305	0,004	0,013	0,131	FALSE
-0,002	0,302	0,000	0,012	0,007	FALSE
0,041	0,310	0,001	0,013	0,028	FALSE
0,022	0,284	0,001	0,006	0,042	FALSE
0,107	0,303	0,003	0,009	0,121	FALSE
0,122	0,296	0,004	0,011	0,162	FALSE
0,110	0,304	0,003	0,007	0,147	FALSE
-0,180	0,301	-0,006	0,010	0,276	FALSE
0,051	0,311	0,002	0,008	0,074	FALSE
-0,051	0,311	-0,002	0,011	0,057	FALSE
0,031	0,312	0,001	0,007	0,054	FALSE
-0,129	0,307	-0,003	0,006	0,196	FALSE
0,122	0,300	0,005	0,012	0,166	FALSE
-0,017	0,310	0,000	0,008	0,018	FALSE
-0,093	0,295	-0,004	0,012	0,131	FALSE
-0,044	0,310	-0,001	0,008	0,055	FALSE
0,047	0,316	0,001	0,007	0,055	FALSE
-0,089	0,302	-0,003	0,013	0,101	FALSE
0,082	0,307	0,003	0,012	0,097	FALSE
0,070	0,308	0,003	0,012	0,089	FALSE
0,112	0,315	0,004	0,012	0,142	FALSE
-0,085	0,319	-0,003	0,013	0,099	FALSE
-0,029	0,301	-0,002	0,012	0,046	FALSE
0,037	0,314	0,001	0,013	0,034	FALSE
0,007	0,303	0,001	0,010	0,043	FALSE
-0,095	0,313	-0,005	0,013	0,154	FALSE
0,001	0,303	0,001	0,011	0,021	FALSE
0,006	0,299	0,001	0,010	0,037	FALSE
0,031	0,306	0,001	0,007	0,059	FALSE
-0,061	0,314	-0,002	0,013	0,069	FALSE
-0,055	0,318	-0,001	0,008	0,063	FALSE
-0,023	0,308	-0,001	0,012	0,024	FALSE
0,019	0,311	0,000	0,013	0,009	FALSE
-0,017	0,306	0,000	0,009	0,005	FALSE
-0,006	0,303	-0,001	0,008	0,036	FALSE
0,103	0,310	0,005	0,011	0,169	FALSE
-0,045	0,318	-0,001	0,011	0,040	FALSE
0,012	0,298	0,000	0,006	0,003	FALSE
-0,070	0,305	-0,002	0,007	0,100	FALSE
0,077	0,304	0,003	0,012	0,082	FALSE
-0,133	0,308	-0,006	0,012	0,215	FALSE
0,066	0,314	0,002	0,013	0,050	FALSE
0,152	0,302	0,003	0,006	0,192	FALSE
0,074	0,300	0,003	0,012	0,093	FALSE

-0,037	0,308	-0,002	0,009	0,063	FALSE
-0,024	0,314	0,000	0,008	0,007	FALSE
-0,102	0,307	-0,004	0,011	0,136	FALSE
-0,007	0,315	-0,001	0,011	0,037	FALSE
0,099	0,304	0,002	0,009	0,109	FALSE
0,042	0,320	0,002	0,008	0,072	FALSE
0,004	0,307	0,000	0,008	0,003	FALSE
-0,111	0,303	-0,002	0,007	0,098	FALSE
-0,066	0,313	-0,002	0,008	0,101	FALSE
0,073	0,307	0,003	0,012	0,102	FALSE
-0,078	0,306	-0,002	0,010	0,084	FALSE
0,065	0,306	0,003	0,011	0,112	FALSE
-0,074	0,306	-0,003	0,012	0,085	FALSE
-0,106	0,314	-0,003	0,009	0,115	FALSE
-0,097	0,315	-0,002	0,009	0,088	FALSE
0,002	0,289	0,001	0,011	0,019	FALSE
0,040	0,309	0,001	0,009	0,041	FALSE
-0,103	0,324	-0,004	0,011	0,130	FALSE
0,034	0,305	0,001	0,008	0,024	FALSE
-0,032	0,312	-0,001	0,009	0,047	FALSE
-0,016	0,315	0,000	0,008	0,012	FALSE
-0,076	0,308	-0,002	0,009	0,077	FALSE
0,039	0,292	0,001	0,012	0,043	FALSE
0,009	0,300	0,001	0,012	0,035	FALSE
0,093	0,291	0,004	0,013	0,129	FALSE
0,028	0,312	0,001	0,008	0,038	FALSE
-0,089	0,299	-0,005	0,012	0,153	FALSE
-0,107	0,309	-0,005	0,013	0,162	FALSE
0,062	0,304	0,002	0,009	0,093	FALSE
0,034	0,302	0,001	0,012	0,042	FALSE
-0,146	0,313	-0,004	0,007	0,212	FALSE
0,074	0,303	0,002	0,012	0,068	FALSE
0,088	0,307	0,003	0,011	0,111	FALSE
0,072	0,310	0,002	0,008	0,101	FALSE
0,073	0,306	0,002	0,012	0,077	FALSE
-0,056	0,305	-0,001	0,007	0,078	FALSE
0,079	0,313	0,002	0,010	0,075	FALSE
0,043	0,312	0,002	0,010	0,060	FALSE
-0,082	0,302	-0,004	0,011	0,137	FALSE
-0,054	0,294	-0,002	0,008	0,091	FALSE
-0,081	0,295	-0,004	0,013	0,137	FALSE
-0,044	0,307	-0,002	0,010	0,072	FALSE
-0,015	0,319	0,000	0,009	0,007	FALSE
0,114	0,317	0,004	0,011	0,149	FALSE
-0,022	0,311	0,000	0,008	0,020	FALSE
-0,104	0,299	-0,002	0,007	0,106	FALSE
-0,090	0,296	-0,004	0,012	0,119	FALSE
0,072	0,319	0,001	0,008	0,064	FALSE
-0,046	0,317	-0,002	0,013	0,046	FALSE
-0,040	0,326	-0,001	0,009	0,030	FALSE
-0,035	0,327	-0,001	0,011	0,022	FALSE
-0,053	0,304	-0,002	0,011	0,058	FALSE
0,054	0,311	0,001	0,012	0,036	FALSE

-0,024	0,311	-0,001	0,007	0,043	FALSE
-0,010	0,307	0,000	0,010	0,007	FALSE
-0,009	0,305	0,000	0,009	0,002	FALSE
-0,014	0,308	0,000	0,010	0,006	FALSE
-0,044	0,287	-0,002	0,011	0,074	FALSE
-0,048	0,305	-0,002	0,011	0,052	FALSE
-0,050	0,303	-0,002	0,010	0,084	FALSE
0,071	0,326	0,002	0,011	0,078	FALSE
0,077	0,307	0,002	0,010	0,086	FALSE
0,071	0,312	0,002	0,010	0,085	FALSE
-0,084	0,299	-0,002	0,008	0,100	FALSE
0,034	0,315	0,001	0,008	0,026	FALSE
0,197	0,292	0,010	0,013	0,340	FALSE
0,053	0,312	0,002	0,010	0,076	FALSE
0,098	0,302	0,003	0,009	0,147	FALSE
0,089	0,301	0,003	0,009	0,135	FALSE
-0,030	0,313	-0,001	0,011	0,027	FALSE
0,140	0,305	0,006	0,011	0,245	FALSE
0,026	0,303	0,001	0,007	0,030	FALSE
-0,112	0,307	-0,004	0,011	0,166	FALSE
-0,060	0,299	-0,002	0,011	0,051	FALSE
0,049	0,308	0,002	0,011	0,049	FALSE
-0,068	0,299	-0,002	0,007	0,108	FALSE
-0,114	0,305	-0,003	0,007	0,163	FALSE
-0,002	0,297	-0,001	0,010	0,023	FALSE
-0,153	0,294	-0,007	0,011	0,259	FALSE
0,013	0,305	0,000	0,007	0,027	FALSE
-0,034	0,295	-0,001	0,011	0,044	FALSE
-0,008	0,308	0,000	0,007	0,014	FALSE
0,101	0,310	0,002	0,007	0,120	FALSE
0,068	0,321	0,003	0,013	0,077	FALSE
0,000	0,314	0,001	0,008	0,029	FALSE
-0,012	0,317	0,000	0,009	0,010	FALSE
-0,025	0,301	-0,001	0,007	0,029	FALSE
-0,168	0,309	-0,004	0,007	0,238	FALSE
-0,049	0,314	-0,002	0,012	0,062	FALSE
0,082	0,297	0,003	0,008	0,139	FALSE
0,034	0,327	0,001	0,012	0,022	FALSE
-0,047	0,310	-0,002	0,012	0,068	FALSE
0,041	0,308	0,001	0,008	0,052	FALSE
0,011	0,313	0,000	0,008	0,010	FALSE
-0,047	0,295	-0,002	0,012	0,072	FALSE
-0,043	0,303	-0,001	0,008	0,053	FALSE
0,077	0,307	0,003	0,012	0,079	FALSE
0,092	0,305	0,003	0,012	0,105	FALSE
0,031	0,298	0,001	0,007	0,065	FALSE
-0,022	0,292	-0,001	0,009	0,024	FALSE
-0,061	0,295	-0,002	0,008	0,099	FALSE
-0,087	0,306	-0,002	0,009	0,092	FALSE
0,046	0,303	0,001	0,010	0,041	FALSE
0,044	0,303	0,001	0,010	0,043	FALSE
0,018	0,290	0,001	0,007	0,037	FALSE
0,045	0,320	0,002	0,012	0,070	FALSE

-0,006	0,314	-0,001	0,014	0,021	FALSE
-0,031	0,307	-0,001	0,008	0,030	FALSE
0,176	0,301	0,004	0,007	0,276	FALSE
-0,150	0,316	-0,005	0,010	0,202	FALSE
0,019	0,296	0,000	0,007	0,004	FALSE
0,000	0,305	0,001	0,007	0,030	FALSE
-0,191	0,305	-0,004	0,006	0,263	FALSE
0,108	0,305	0,002	0,007	0,122	FALSE
0,010	0,313	0,000	0,010	0,009	FALSE
0,098	0,332	0,004	0,013	0,111	FALSE
0,155	0,307	0,003	0,007	0,212	FALSE
-0,068	0,311	-0,003	0,013	0,081	FALSE
0,061	0,314	0,003	0,013	0,103	FALSE
-0,012	0,312	0,000	0,007	0,014	FALSE
0,054	0,309	0,002	0,008	0,073	FALSE
-0,015	0,308	0,000	0,008	0,003	FALSE
0,001	0,299	0,000	0,007	0,008	FALSE
-0,023	0,306	-0,001	0,011	0,042	FALSE
-0,029	0,314	-0,001	0,009	0,045	FALSE
-0,030	0,313	-0,001	0,010	0,046	FALSE
-0,040	0,306	-0,002	0,010	0,062	FALSE
-0,052	0,297	-0,002	0,009	0,087	FALSE
-0,028	0,302	0,000	0,007	0,008	FALSE
-0,099	0,311	-0,003	0,013	0,084	FALSE
0,031	0,316	0,001	0,009	0,031	FALSE
0,023	0,316	0,001	0,009	0,035	FALSE
-0,202	0,302	-0,006	0,009	0,293	FALSE
0,045	0,296	0,001	0,007	0,054	FALSE
0,075	0,312	0,002	0,007	0,105	FALSE
-0,014	0,313	-0,001	0,007	0,033	FALSE
0,013	0,300	0,001	0,008	0,047	FALSE
0,035	0,298	0,001	0,011	0,048	FALSE
-0,016	0,334	0,000	0,007	0,023	FALSE
0,042	0,301	0,002	0,011	0,060	FALSE
0,002	0,313	0,001	0,013	0,025	FALSE
-0,140	0,308	-0,004	0,008	0,192	FALSE
-0,065	0,298	-0,003	0,012	0,083	FALSE
0,059	0,301	0,003	0,010	0,099	FALSE
0,069	0,291	0,002	0,009	0,081	FALSE
-0,118	0,297	-0,003	0,008	0,159	FALSE
-0,107	0,315	-0,003	0,008	0,136	FALSE
-0,016	0,321	-0,001	0,012	0,023	FALSE
-0,012	0,303	0,000	0,012	0,000	FALSE
0,122	0,294	0,003	0,007	0,155	FALSE
-0,007	0,306	0,000	0,008	0,020	FALSE
0,074	0,301	0,003	0,011	0,089	FALSE
0,140	0,322	0,004	0,010	0,173	FALSE
-0,015	0,311	0,000	0,008	0,004	FALSE
-0,085	0,312	-0,003	0,012	0,101	FALSE
-0,012	0,300	0,000	0,009	0,015	FALSE
-0,026	0,308	-0,001	0,010	0,033	FALSE
-0,021	0,308	-0,001	0,010	0,021	FALSE
-0,001	0,304	0,000	0,008	0,007	FALSE

-0,111	0,308	-0,005	0,012	0,177	FALSE
-0,163	0,292	-0,008	0,013	0,268	FALSE
-0,032	0,297	-0,001	0,009	0,022	FALSE
-0,120	0,313	-0,004	0,011	0,150	FALSE
-0,124	0,309	-0,005	0,012	0,148	FALSE
-0,099	0,300	-0,004	0,012	0,110	FALSE
-0,118	0,305	-0,005	0,013	0,140	FALSE
-0,099	0,322	-0,002	0,008	0,090	FALSE
0,051	0,306	0,001	0,011	0,041	FALSE
0,009	0,315	0,000	0,010	0,001	FALSE
0,004	0,318	0,000	0,011	0,015	FALSE
-0,001	0,315	0,000	0,008	0,001	FALSE
-0,007	0,304	0,000	0,013	0,009	FALSE
0,179	0,296	0,005	0,008	0,252	FALSE
-0,025	0,313	0,000	0,009	0,011	FALSE
-0,058	0,309	-0,001	0,010	0,056	FALSE
0,023	0,304	0,000	0,008	0,001	FALSE
0,103	0,299	0,003	0,008	0,146	FALSE
-0,076	0,287	-0,003	0,011	0,107	FALSE
0,053	0,306	0,001	0,007	0,047	FALSE
0,056	0,300	0,001	0,007	0,050	FALSE
-0,001	0,301	0,000	0,012	0,014	FALSE
-0,041	0,286	-0,002	0,008	0,073	FALSE
-0,082	0,294	-0,004	0,011	0,127	FALSE
0,034	0,310	0,000	0,010	0,011	FALSE
-0,063	0,307	-0,003	0,011	0,094	FALSE
-0,061	0,294	-0,002	0,010	0,083	FALSE
0,063	0,318	0,002	0,012	0,057	FALSE
-0,018	0,302	0,000	0,010	0,001	FALSE
0,061	0,311	0,002	0,013	0,067	FALSE
-0,021	0,311	-0,001	0,010	0,027	FALSE
-0,013	0,314	-0,001	0,010	0,017	FALSE
-0,050	0,301	-0,003	0,012	0,081	FALSE
-0,053	0,314	-0,003	0,013	0,073	FALSE
-0,001	0,312	0,000	0,008	0,017	FALSE
-0,011	0,316	0,000	0,009	0,010	FALSE
0,001	0,312	0,000	0,009	0,008	FALSE
0,045	0,310	0,002	0,008	0,087	FALSE
-0,010	0,301	0,000	0,008	0,015	FALSE
-0,100	0,312	-0,003	0,012	0,108	FALSE
-0,058	0,311	-0,002	0,010	0,093	FALSE
-0,130	0,281	-0,004	0,010	0,161	FALSE
0,114	0,302	0,003	0,010	0,132	FALSE
-0,025	0,315	-0,001	0,007	0,030	FALSE
-0,151	0,317	-0,005	0,012	0,178	FALSE
-0,028	0,310	0,000	0,008	0,016	FALSE
0,153	0,282	0,003	0,007	0,176	FALSE
0,083	0,320	0,003	0,013	0,095	FALSE
0,042	0,302	0,002	0,012	0,054	FALSE
0,036	0,301	0,001	0,012	0,041	FALSE
-0,021	0,309	0,000	0,008	0,021	FALSE
-0,084	0,299	-0,003	0,011	0,108	FALSE
-0,047	0,324	-0,002	0,011	0,058	FALSE

0,106	0,297	0,002	0,007	0,120	FALSE
-0,059	0,311	-0,002	0,010	0,068	FALSE
-0,046	0,311	-0,001	0,012	0,030	FALSE
0,002	0,315	0,000	0,007	0,016	FALSE
0,027	0,306	0,000	0,008	0,017	FALSE
0,004	0,320	0,000	0,008	0,002	FALSE
0,024	0,308	0,000	0,009	0,008	FALSE
0,110	0,309	0,003	0,007	0,142	FALSE
0,100	0,318	0,002	0,007	0,120	FALSE
0,036	0,311	0,001	0,009	0,037	FALSE
0,066	0,307	0,002	0,007	0,112	FALSE
-0,004	0,309	-0,001	0,007	0,028	FALSE
-0,098	0,292	-0,005	0,012	0,148	FALSE
-0,063	0,307	-0,003	0,013	0,089	FALSE
-0,071	0,308	-0,002	0,012	0,071	FALSE
0,042	0,302	0,001	0,007	0,044	FALSE
-0,056	0,317	-0,002	0,009	0,077	FALSE
0,122	0,296	0,003	0,007	0,181	FALSE
0,091	0,307	0,002	0,007	0,102	FALSE
-0,011	0,306	0,000	0,006	0,012	FALSE
0,096	0,300	0,005	0,013	0,146	FALSE
0,095	0,300	0,002	0,008	0,104	FALSE
0,125	0,300	0,005	0,014	0,159	FALSE
0,193	0,283	0,008	0,011	0,321	FALSE
-0,157	0,300	-0,004	0,007	0,249	FALSE
-0,087	0,311	-0,002	0,006	0,116	FALSE
0,057	0,307	0,001	0,007	0,075	FALSE
0,180	0,301	0,008	0,012	0,287	FALSE
0,006	0,303	0,001	0,009	0,025	FALSE
-0,017	0,302	-0,001	0,012	0,042	FALSE
-0,098	0,298	-0,002	0,007	0,129	FALSE
-0,040	0,310	0,000	0,008	0,011	FALSE
0,011	0,305	0,001	0,013	0,025	FALSE
-0,030	0,312	-0,002	0,010	0,061	FALSE
-0,062	0,306	-0,001	0,008	0,063	FALSE
0,105	0,309	0,003	0,007	0,136	FALSE
-0,102	0,295	-0,002	0,006	0,117	FALSE
-0,029	0,306	-0,001	0,011	0,032	FALSE
0,135	0,300	0,004	0,008	0,223	FALSE
0,058	0,304	0,002	0,010	0,086	FALSE
-0,159	0,309	-0,007	0,013	0,220	FALSE
-0,074	0,299	-0,002	0,012	0,068	FALSE
0,087	0,323	0,002	0,008	0,101	FALSE
0,069	0,305	0,002	0,007	0,096	FALSE
0,126	0,295	0,004	0,010	0,175	FALSE
0,042	0,315	0,002	0,013	0,056	FALSE
-0,038	0,311	-0,001	0,010	0,051	FALSE
-0,046	0,306	-0,002	0,010	0,062	FALSE
0,029	0,313	0,001	0,007	0,038	FALSE
0,089	0,310	0,002	0,007	0,096	FALSE
-0,116	0,313	-0,004	0,010	0,165	FALSE
-0,095	0,305	-0,003	0,009	0,142	FALSE
-0,107	0,312	-0,004	0,010	0,161	FALSE

-0,163	0,309	-0,005	0,009	0,222	FALSE
-0,090	0,321	-0,003	0,011	0,105	FALSE
-0,091	0,317	-0,003	0,011	0,112	FALSE
-0,115	0,311	-0,006	0,013	0,188	FALSE
-0,057	0,302	-0,002	0,011	0,080	FALSE
-0,020	0,299	-0,001	0,009	0,031	FALSE
0,030	0,296	0,001	0,009	0,039	FALSE
-0,038	0,308	-0,002	0,010	0,062	FALSE
-0,045	0,306	-0,002	0,010	0,069	FALSE
-0,107	0,310	-0,004	0,010	0,146	FALSE
-0,196	0,283	-0,007	0,009	0,354	FALSE
-0,018	0,311	-0,001	0,012	0,021	FALSE
-0,062	0,303	-0,002	0,011	0,072	FALSE
0,013	0,318	0,000	0,009	0,009	FALSE
-0,016	0,305	-0,001	0,008	0,040	FALSE
-0,003	0,305	0,000	0,008	0,019	FALSE
-0,095	0,300	-0,002	0,009	0,093	FALSE
-0,136	0,305	-0,003	0,006	0,176	FALSE
-0,200	0,306	-0,006	0,010	0,267	FALSE
0,072	0,307	0,003	0,010	0,094	FALSE
0,035	0,301	0,001	0,007	0,043	FALSE
-0,010	0,322	0,000	0,010	0,010	FALSE
-0,050	0,298	-0,002	0,012	0,048	FALSE
0,056	0,309	0,002	0,009	0,082	FALSE
0,010	0,304	0,000	0,013	0,007	FALSE
-0,009	0,317	0,000	0,012	0,014	FALSE
0,068	0,320	0,001	0,008	0,058	FALSE
0,032	0,326	0,001	0,011	0,025	FALSE
-0,095	0,298	-0,002	0,007	0,129	FALSE
-0,001	0,305	0,000	0,013	0,013	FALSE
-0,049	0,324	-0,002	0,011	0,073	FALSE
-0,023	0,311	0,000	0,013	0,011	FALSE
0,033	0,295	0,001	0,006	0,038	FALSE
-0,191	0,300	-0,005	0,008	0,254	FALSE
-0,031	0,320	-0,001	0,011	0,035	FALSE
0,140	0,296	0,003	0,006	0,176	FALSE
-0,067	0,311	-0,002	0,009	0,078	FALSE
-0,141	0,297	-0,005	0,010	0,213	FALSE
0,073	0,309	0,002	0,011	0,085	FALSE
0,074	0,310	0,003	0,012	0,093	FALSE
0,035	0,307	0,000	0,010	0,011	FALSE
0,090	0,304	0,004	0,011	0,123	FALSE
0,157	0,299	0,007	0,013	0,218	FALSE
-0,004	0,310	0,000	0,013	0,004	FALSE
-0,011	0,304	0,000	0,008	0,020	FALSE
-0,188	0,321	-0,004	0,007	0,268	FALSE
0,046	0,301	0,001	0,006	0,079	FALSE
-0,113	0,300	-0,004	0,009	0,170	FALSE
0,121	0,311	0,003	0,007	0,146	FALSE
-0,021	0,317	-0,001	0,008	0,023	FALSE
-0,055	0,287	-0,002	0,007	0,083	FALSE
-0,074	0,313	-0,003	0,012	0,105	FALSE
-0,018	0,307	0,000	0,008	0,008	FALSE

-0,015	0,319	-0,001	0,012	0,021	FALSE
0,067	0,283	0,002	0,008	0,073	FALSE
-0,080	0,307	-0,001	0,007	0,081	FALSE
-0,023	0,306	0,000	0,007	0,011	FALSE
0,174	0,300	0,006	0,009	0,274	FALSE
-0,059	0,331	-0,002	0,013	0,050	FALSE
0,161	0,291	0,007	0,013	0,221	FALSE
-0,130	0,303	-0,003	0,007	0,148	FALSE
-0,166	0,312	-0,004	0,008	0,218	FALSE
-0,106	0,306	-0,004	0,012	0,147	FALSE
-0,091	0,322	-0,003	0,012	0,108	FALSE
-0,036	0,317	-0,002	0,011	0,060	FALSE
-0,027	0,305	-0,001	0,011	0,049	FALSE
0,068	0,312	0,002	0,012	0,061	FALSE
0,040	0,326	0,001	0,007	0,035	FALSE
0,006	0,309	0,000	0,010	0,007	FALSE
0,057	0,300	0,001	0,011	0,043	FALSE
-0,011	0,308	0,000	0,006	0,005	FALSE
0,050	0,319	0,001	0,006	0,059	FALSE
0,073	0,319	0,002	0,009	0,097	FALSE
0,075	0,297	0,002	0,012	0,062	FALSE
-0,023	0,297	-0,001	0,008	0,044	FALSE
0,063	0,307	0,002	0,010	0,061	FALSE
-0,028	0,304	-0,001	0,011	0,027	FALSE
0,114	0,314	0,003	0,008	0,126	FALSE
-0,034	0,306	-0,001	0,006	0,041	FALSE
0,115	0,300	0,003	0,007	0,149	FALSE
0,087	0,298	0,002	0,007	0,115	FALSE
0,030	0,310	0,001	0,010	0,049	FALSE
0,042	0,301	0,001	0,011	0,024	FALSE
0,041	0,315	0,001	0,007	0,029	FALSE
-0,068	0,307	-0,003	0,013	0,100	FALSE
0,068	0,310	0,002	0,007	0,096	FALSE
-0,098	0,311	-0,004	0,012	0,137	FALSE
-0,046	0,307	-0,001	0,008	0,045	FALSE
0,015	0,304	0,000	0,012	0,004	FALSE
0,073	0,318	0,002	0,008	0,102	FALSE
-0,070	0,303	-0,003	0,012	0,090	FALSE
-0,074	0,317	-0,003	0,011	0,089	FALSE
-0,054	0,303	-0,002	0,012	0,061	FALSE
-0,133	0,297	-0,005	0,011	0,191	FALSE
-0,068	0,303	-0,002	0,007	0,092	FALSE
-0,086	0,311	-0,002	0,008	0,096	FALSE
-0,012	0,316	0,000	0,008	0,011	FALSE
-0,010	0,325	0,000	0,012	0,009	FALSE
0,109	0,309	0,003	0,008	0,120	FALSE
0,072	0,292	0,003	0,010	0,101	FALSE
0,047	0,301	0,001	0,008	0,068	FALSE
0,007	0,304	0,001	0,013	0,040	FALSE
0,037	0,313	0,001	0,007	0,076	FALSE
0,047	0,285	0,000	0,009	0,015	FALSE
0,061	0,306	0,002	0,007	0,090	FALSE
-0,049	0,317	-0,002	0,009	0,069	FALSE

-0,123	0,306	-0,004	0,010	0,169	FALSE
-0,148	0,299	-0,005	0,010	0,208	FALSE
-0,054	0,309	-0,001	0,009	0,038	FALSE
0,030	0,315	0,001	0,007	0,052	FALSE
0,054	0,310	0,002	0,007	0,099	FALSE
-0,075	0,316	-0,002	0,010	0,076	FALSE
-0,129	0,314	-0,005	0,011	0,178	FALSE
-0,001	0,299	0,001	0,007	0,038	FALSE
-0,121	0,310	-0,003	0,007	0,158	FALSE
-0,118	0,293	-0,003	0,008	0,166	FALSE
0,100	0,312	0,004	0,013	0,125	FALSE
-0,075	0,314	-0,003	0,010	0,115	FALSE
-0,087	0,316	-0,002	0,007	0,108	FALSE
0,022	0,309	0,000	0,013	0,011	FALSE
0,084	0,311	0,003	0,012	0,108	FALSE
0,077	0,306	0,003	0,013	0,097	FALSE
0,077	0,306	0,003	0,013	0,096	FALSE
0,088	0,301	0,002	0,009	0,087	FALSE
0,017	0,302	0,001	0,012	0,016	FALSE
0,001	0,311	0,000	0,007	0,011	FALSE
0,011	0,310	0,000	0,010	0,009	FALSE
0,013	0,295	0,000	0,008	0,007	FALSE
-0,016	0,304	-0,001	0,012	0,024	FALSE
-0,122	0,314	-0,004	0,009	0,159	FALSE
-0,091	0,304	-0,003	0,010	0,115	FALSE
0,072	0,309	0,003	0,010	0,118	FALSE
-0,016	0,303	0,000	0,008	0,007	FALSE
0,119	0,305	0,003	0,007	0,152	FALSE
-0,086	0,298	-0,002	0,007	0,089	FALSE
-0,028	0,311	0,000	0,007	0,002	FALSE
-0,025	0,298	-0,001	0,007	0,052	FALSE
-0,036	0,302	-0,001	0,007	0,051	FALSE
0,082	0,299	0,003	0,010	0,112	FALSE
0,032	0,308	0,002	0,010	0,056	FALSE
0,036	0,287	0,001	0,008	0,068	FALSE
-0,036	0,314	-0,001	0,010	0,021	FALSE
0,010	0,304	0,001	0,007	0,026	FALSE
0,053	0,303	0,001	0,006	0,089	FALSE
0,051	0,316	0,001	0,010	0,052	FALSE
0,031	0,308	0,001	0,009	0,035	FALSE
-0,069	0,295	-0,002	0,010	0,083	FALSE
0,105	0,309	0,003	0,009	0,145	FALSE
0,008	0,312	0,000	0,009	0,014	FALSE
0,059	0,302	0,001	0,006	0,075	FALSE
0,046	0,320	0,001	0,008	0,040	FALSE
0,052	0,316	0,001	0,007	0,071	FALSE
0,045	0,313	0,001	0,008	0,051	FALSE
-0,006	0,305	0,000	0,013	0,006	FALSE
0,113	0,314	0,003	0,007	0,153	FALSE
0,068	0,293	0,002	0,008	0,124	FALSE
-0,029	0,309	0,000	0,012	0,004	FALSE
0,005	0,308	0,001	0,008	0,026	FALSE
0,065	0,304	0,002	0,008	0,077	FALSE

0,016	0,316	0,000	0,007	0,021	FALSE
0,060	0,309	0,002	0,011	0,052	FALSE
0,035	0,316	0,001	0,009	0,059	FALSE
-0,040	0,319	-0,002	0,012	0,049	FALSE
0,022	0,307	0,002	0,012	0,054	FALSE
0,024	0,307	0,001	0,010	0,025	FALSE
0,005	0,317	0,000	0,011	0,008	FALSE
0,011	0,314	0,001	0,011	0,050	FALSE
-0,001	0,313	0,000	0,007	0,015	FALSE
0,065	0,292	0,002	0,010	0,064	FALSE
0,117	0,305	0,005	0,012	0,154	FALSE
-0,075	0,298	-0,003	0,012	0,096	FALSE
0,038	0,303	0,001	0,011	0,035	FALSE
0,030	0,316	0,001	0,008	0,039	FALSE
0,026	0,306	0,001	0,010	0,049	FALSE
-0,020	0,305	-0,001	0,013	0,016	FALSE
-0,027	0,291	0,000	0,008	0,017	FALSE
0,085	0,299	0,002	0,008	0,100	FALSE
-0,134	0,315	-0,004	0,009	0,211	FALSE
0,036	0,316	0,002	0,013	0,044	FALSE
-0,069	0,300	-0,002	0,007	0,100	FALSE
-0,067	0,303	-0,002	0,009	0,096	FALSE
-0,012	0,318	-0,001	0,013	0,030	FALSE
-0,098	0,296	-0,004	0,011	0,141	FALSE
-0,119	0,300	-0,005	0,011	0,171	FALSE
-0,059	0,300	-0,002	0,012	0,079	FALSE
-0,070	0,304	-0,002	0,010	0,089	FALSE
0,089	0,315	0,002	0,008	0,077	FALSE
-0,077	0,298	-0,003	0,010	0,108	FALSE
0,027	0,310	0,000	0,009	0,014	FALSE
0,076	0,300	0,002	0,008	0,109	FALSE
-0,135	0,303	-0,005	0,011	0,201	FALSE
-0,152	0,301	-0,007	0,012	0,243	FALSE
-0,048	0,305	-0,002	0,009	0,061	FALSE
-0,038	0,307	-0,001	0,009	0,055	FALSE
0,116	0,294	0,005	0,011	0,196	FALSE
-0,016	0,300	0,000	0,007	0,019	FALSE
0,058	0,296	0,001	0,008	0,059	FALSE
-0,069	0,311	-0,002	0,009	0,104	FALSE
-0,023	0,301	0,000	0,008	0,015	FALSE
-0,115	0,301	-0,003	0,008	0,166	FALSE
-0,103	0,302	-0,003	0,012	0,104	FALSE
0,047	0,297	0,001	0,007	0,066	FALSE
0,045	0,300	0,001	0,008	0,054	FALSE
0,174	0,309	0,005	0,009	0,249	FALSE
0,166	0,292	0,006	0,011	0,245	FALSE
0,165	0,288	0,006	0,011	0,267	FALSE
0,039	0,303	0,001	0,007	0,078	FALSE
0,071	0,309	0,002	0,008	0,079	FALSE
-0,070	0,303	-0,003	0,012	0,107	FALSE
-0,068	0,305	-0,002	0,007	0,094	FALSE
0,110	0,317	0,002	0,008	0,126	FALSE
0,068	0,309	0,002	0,007	0,086	FALSE

0,132	0,290	0,004	0,008	0,208	FALSE
0,124	0,317	0,004	0,009	0,180	FALSE
-0,065	0,308	-0,002	0,009	0,072	FALSE
-0,031	0,302	-0,001	0,010	0,048	FALSE
0,061	0,304	0,002	0,008	0,090	FALSE
0,032	0,299	0,001	0,007	0,049	FALSE
0,054	0,310	0,002	0,008	0,075	FALSE
0,008	0,303	0,000	0,011	0,005	FALSE
0,146	0,310	0,006	0,011	0,219	FALSE
0,169	0,311	0,007	0,011	0,274	FALSE
0,092	0,302	0,002	0,008	0,125	FALSE
-0,169	0,301	-0,007	0,012	0,257	FALSE
-0,141	0,299	-0,006	0,011	0,236	FALSE
0,031	0,299	0,001	0,009	0,038	FALSE
-0,001	0,303	0,000	0,007	0,020	FALSE
-0,027	0,324	-0,001	0,008	0,034	FALSE
0,039	0,303	0,002	0,013	0,047	FALSE
-0,034	0,313	-0,001	0,007	0,045	FALSE
0,008	0,310	0,000	0,010	0,005	FALSE
-0,140	0,306	-0,005	0,011	0,187	FALSE
0,061	0,320	0,002	0,009	0,070	FALSE
0,038	0,314	0,001	0,009	0,033	FALSE
0,033	0,320	0,001	0,010	0,026	FALSE
0,068	0,299	0,001	0,006	0,073	FALSE
-0,125	0,301	-0,004	0,009	0,183	FALSE
-0,040	0,314	-0,001	0,008	0,043	FALSE
-0,043	0,302	-0,001	0,008	0,039	FALSE
-0,009	0,323	0,000	0,007	0,009	FALSE
0,074	0,301	0,002	0,007	0,081	FALSE
-0,065	0,312	-0,001	0,006	0,069	FALSE
-0,066	0,313	-0,001	0,006	0,079	FALSE
0,104	0,301	0,003	0,009	0,155	FALSE
0,001	0,319	0,000	0,010	0,004	FALSE
0,113	0,306	0,004	0,011	0,163	FALSE
0,083	0,312	0,003	0,009	0,133	FALSE
-0,009	0,318	-0,001	0,014	0,022	FALSE
0,014	0,310	0,000	0,007	0,003	FALSE
-0,036	0,305	-0,002	0,012	0,058	FALSE
-0,009	0,290	-0,001	0,011	0,028	FALSE
-0,009	0,304	-0,001	0,010	0,031	FALSE
-0,055	0,301	-0,001	0,010	0,030	FALSE
-0,248	0,293	-0,007	0,008	0,426	FALSE
0,013	0,313	0,001	0,012	0,033	FALSE
-0,174	0,301	-0,006	0,009	0,303	FALSE
0,122	0,304	0,003	0,009	0,133	FALSE
-0,007	0,321	0,000	0,012	0,012	FALSE
0,022	0,305	0,001	0,012	0,024	FALSE
0,154	0,316	0,003	0,007	0,204	FALSE
-0,035	0,307	-0,001	0,009	0,058	FALSE
-0,015	0,305	0,000	0,011	0,004	FALSE
-0,050	0,309	-0,001	0,012	0,030	FALSE
0,050	0,306	0,003	0,012	0,077	FALSE
-0,032	0,307	-0,001	0,008	0,036	FALSE

0,163	0,293	0,004	0,007	0,250	FALSE
0,024	0,302	0,000	0,008	0,017	FALSE
-0,004	0,312	0,000	0,006	0,014	FALSE
-0,077	0,319	-0,002	0,011	0,084	FALSE
-0,094	0,312	-0,004	0,012	0,123	FALSE
-0,082	0,305	-0,004	0,013	0,114	FALSE
-0,107	0,306	-0,004	0,011	0,140	FALSE
0,079	0,308	0,002	0,008	0,126	FALSE
-0,119	0,306	-0,005	0,012	0,162	FALSE
0,077	0,304	0,002	0,009	0,104	FALSE
-0,100	0,313	-0,003	0,010	0,121	FALSE
-0,056	0,304	-0,002	0,011	0,058	FALSE
0,015	0,307	0,001	0,013	0,039	FALSE
-0,089	0,299	-0,003	0,011	0,115	FALSE
0,007	0,309	0,001	0,010	0,031	FALSE
-0,093	0,308	-0,003	0,012	0,118	FALSE
-0,066	0,303	-0,001	0,009	0,062	FALSE
0,031	0,305	0,001	0,009	0,046	FALSE
-0,134	0,313	-0,004	0,009	0,176	FALSE
0,037	0,314	0,002	0,013	0,043	FALSE
-0,019	0,308	-0,001	0,012	0,039	FALSE
0,104	0,311	0,003	0,010	0,106	FALSE
0,096	0,309	0,002	0,008	0,114	FALSE
-0,058	0,310	-0,001	0,006	0,044	FALSE
-0,037	0,302	-0,001	0,006	0,032	FALSE
-0,088	0,292	-0,004	0,012	0,129	FALSE
0,091	0,317	0,002	0,007	0,124	FALSE
0,022	0,303	0,000	0,007	0,009	FALSE
-0,144	0,307	-0,004	0,010	0,194	FALSE
0,027	0,303	0,001	0,007	0,043	FALSE
-0,005	0,314	0,000	0,007	0,012	FALSE
-0,006	0,315	0,000	0,008	0,001	FALSE
-0,006	0,307	0,000	0,007	0,004	FALSE
-0,216	0,291	-0,008	0,011	0,337	FALSE
0,023	0,312	0,000	0,006	0,013	FALSE
0,057	0,294	0,001	0,007	0,058	FALSE
0,030	0,296	0,001	0,007	0,035	FALSE
-0,013	0,294	0,000	0,007	0,010	FALSE
0,023	0,315	0,002	0,012	0,050	FALSE
-0,069	0,294	-0,002	0,008	0,111	FALSE
-0,019	0,314	-0,001	0,009	0,044	FALSE
0,003	0,302	0,000	0,006	0,022	FALSE
0,006	0,310	0,000	0,009	0,019	FALSE
0,026	0,320	0,000	0,012	0,013	FALSE
-0,024	0,327	-0,001	0,010	0,029	FALSE
-0,099	0,301	-0,002	0,007	0,129	FALSE
-0,006	0,317	0,000	0,007	0,009	FALSE
0,083	0,312	0,002	0,006	0,095	FALSE
0,199	0,304	0,007	0,011	0,286	FALSE
0,037	0,307	0,000	0,007	0,013	FALSE
0,054	0,297	0,001	0,008	0,032	FALSE
-0,025	0,298	0,000	0,008	0,018	FALSE
-0,057	0,321	-0,002	0,009	0,067	FALSE

0,020	0,311	0,001	0,008	0,028	FALSE
-0,007	0,306	0,000	0,008	0,002	FALSE
-0,062	0,309	-0,003	0,012	0,093	FALSE
0,103	0,297	0,002	0,007	0,124	FALSE
0,035	0,304	0,001	0,008	0,034	FALSE
0,011	0,304	0,000	0,007	0,009	FALSE
-0,112	0,300	-0,003	0,011	0,108	FALSE
-0,081	0,300	-0,001	0,007	0,074	FALSE
-0,049	0,310	-0,001	0,010	0,019	FALSE
-0,145	0,318	-0,005	0,009	0,198	FALSE
-0,152	0,313	-0,005	0,009	0,212	FALSE
-0,036	0,308	-0,001	0,007	0,036	FALSE
0,116	0,299	0,006	0,013	0,193	FALSE
0,002	0,334	0,000	0,011	0,013	FALSE
0,045	0,322	0,001	0,012	0,044	FALSE
0,053	0,309	0,001	0,008	0,074	FALSE
0,161	0,293	0,004	0,007	0,258	FALSE
-0,038	0,311	-0,002	0,012	0,070	FALSE
0,005	0,311	0,001	0,008	0,037	FALSE
0,041	0,313	0,001	0,009	0,058	FALSE
-0,029	0,313	-0,001	0,011	0,026	FALSE
0,014	0,302	0,000	0,009	0,001	FALSE
0,000	0,321	0,000	0,012	0,006	FALSE
0,026	0,315	0,001	0,008	0,031	FALSE
0,004	0,315	0,000	0,012	0,012	FALSE
0,092	0,310	0,004	0,012	0,121	FALSE
-0,017	0,296	-0,001	0,012	0,032	FALSE
0,007	0,313	0,000	0,012	0,004	FALSE
-0,022	0,306	-0,001	0,010	0,042	FALSE
-0,100	0,317	-0,002	0,008	0,123	FALSE
-0,112	0,302	-0,003	0,009	0,150	FALSE
-0,046	0,314	-0,001	0,007	0,055	FALSE
-0,019	0,308	-0,001	0,011	0,030	FALSE
-0,154	0,294	-0,006	0,011	0,225	FALSE
0,045	0,302	0,001	0,010	0,040	FALSE
0,036	0,308	0,001	0,011	0,029	FALSE
0,084	0,316	0,002	0,008	0,116	FALSE
0,058	0,291	0,002	0,012	0,047	FALSE
0,093	0,320	0,003	0,009	0,104	FALSE
0,069	0,318	0,001	0,010	0,055	FALSE
0,113	0,313	0,003	0,008	0,130	FALSE
-0,057	0,299	-0,003	0,012	0,101	FALSE
0,033	0,321	0,001	0,013	0,032	FALSE
0,140	0,303	0,006	0,011	0,217	FALSE
-0,030	0,310	-0,001	0,008	0,044	FALSE
-0,115	0,306	-0,003	0,008	0,154	FALSE
0,241	0,302	0,009	0,011	0,402	FALSE
-0,074	0,306	-0,002	0,007	0,092	FALSE
-0,098	0,307	-0,002	0,007	0,125	FALSE
0,061	0,297	0,003	0,008	0,123	FALSE
0,024	0,305	0,002	0,011	0,064	FALSE
0,117	0,304	0,002	0,006	0,143	FALSE
0,024	0,298	0,000	0,007	0,002	FALSE

0,106	0,322	0,004	0,013	0,138	FALSE
0,091	0,310	0,004	0,012	0,134	FALSE
0,142	0,311	0,003	0,007	0,184	FALSE
-0,111	0,310	-0,005	0,013	0,151	FALSE
0,097	0,299	0,003	0,008	0,149	FALSE
0,053	0,293	0,001	0,008	0,046	FALSE
0,070	0,315	0,001	0,008	0,069	FALSE
0,041	0,312	0,002	0,012	0,053	FALSE
-0,169	0,307	-0,008	0,013	0,261	FALSE
-0,086	0,327	-0,003	0,008	0,131	FALSE
-0,053	0,313	-0,002	0,008	0,077	FALSE
0,106	0,285	0,004	0,011	0,142	FALSE
0,176	0,296	0,007	0,013	0,246	FALSE
0,100	0,313	0,002	0,007	0,125	FALSE
0,066	0,302	0,002	0,010	0,088	FALSE
-0,056	0,312	-0,001	0,007	0,075	FALSE
-0,073	0,317	-0,003	0,011	0,102	FALSE
-0,049	0,305	-0,002	0,010	0,063	FALSE
0,020	0,308	0,000	0,008	0,008	FALSE
-0,065	0,298	-0,003	0,010	0,105	FALSE
0,036	0,309	0,002	0,011	0,064	FALSE
0,037	0,313	0,001	0,013	0,026	FALSE
-0,001	0,317	0,000	0,009	0,014	FALSE
-0,081	0,304	-0,003	0,010	0,107	FALSE
-0,012	0,311	-0,001	0,008	0,045	FALSE
-0,028	0,315	-0,001	0,010	0,037	FALSE
0,031	0,318	0,001	0,013	0,014	FALSE
-0,100	0,296	-0,003	0,008	0,143	FALSE
0,000	0,299	0,000	0,006	0,005	FALSE
0,011	0,320	0,000	0,007	0,005	FALSE
-0,030	0,298	-0,001	0,006	0,033	FALSE
-0,021	0,320	0,000	0,007	0,021	FALSE
-0,077	0,310	-0,003	0,009	0,132	FALSE
-0,041	0,303	-0,001	0,006	0,062	FALSE
-0,029	0,297	-0,001	0,011	0,040	FALSE
-0,025	0,296	-0,002	0,012	0,066	FALSE
0,032	0,302	0,000	0,011	0,007	FALSE
0,001	0,307	0,000	0,007	0,005	FALSE
0,037	0,305	0,001	0,009	0,043	FALSE
-0,010	0,300	0,000	0,007	0,010	FALSE
-0,044	0,310	-0,001	0,007	0,049	FALSE
-0,124	0,303	-0,004	0,009	0,189	FALSE
-0,057	0,334	-0,002	0,012	0,054	FALSE
-0,044	0,312	-0,002	0,013	0,071	FALSE
-0,036	0,307	-0,002	0,013	0,060	FALSE
-0,048	0,302	-0,001	0,007	0,028	FALSE
-0,040	0,331	0,000	0,007	0,018	FALSE
0,067	0,305	0,002	0,010	0,081	FALSE
-0,010	0,305	0,000	0,007	0,002	FALSE
0,079	0,305	0,002	0,008	0,098	FALSE
-0,040	0,313	-0,001	0,010	0,049	FALSE
-0,018	0,311	0,000	0,007	0,006	FALSE
-0,027	0,309	-0,001	0,007	0,039	FALSE

-0,037	0,302	-0,001	0,007	0,047	FALSE
0,015	0,300	0,001	0,010	0,041	FALSE
-0,002	0,316	0,000	0,007	0,013	FALSE
0,027	0,300	0,000	0,010	0,011	FALSE
0,069	0,307	0,003	0,012	0,084	FALSE
0,099	0,314	0,003	0,009	0,116	FALSE
-0,004	0,287	0,000	0,011	0,003	FALSE
-0,021	0,309	-0,001	0,013	0,020	FALSE
0,044	0,310	0,001	0,007	0,073	FALSE
-0,050	0,305	-0,001	0,013	0,042	FALSE
0,011	0,304	0,001	0,009	0,048	FALSE
-0,083	0,313	-0,002	0,007	0,123	FALSE
-0,048	0,319	-0,002	0,012	0,074	FALSE
0,045	0,317	0,001	0,008	0,067	FALSE
-0,196	0,304	-0,008	0,011	0,327	FALSE
0,035	0,292	0,001	0,007	0,035	FALSE
-0,114	0,311	-0,003	0,008	0,160	FALSE
0,160	0,300	0,004	0,007	0,240	FALSE
-0,034	0,310	-0,001	0,013	0,039	FALSE
-0,032	0,308	-0,001	0,011	0,037	FALSE
-0,094	0,307	-0,003	0,012	0,104	FALSE
0,011	0,313	0,001	0,010	0,032	FALSE
0,036	0,298	0,001	0,009	0,042	FALSE
-0,012	0,309	-0,001	0,009	0,029	FALSE
-0,002	0,295	0,000	0,007	0,020	FALSE
-0,015	0,304	0,000	0,007	0,008	FALSE
-0,055	0,317	-0,002	0,013	0,068	FALSE
0,006	0,290	0,001	0,009	0,021	FALSE
0,013	0,319	0,001	0,013	0,020	FALSE
-0,034	0,298	-0,001	0,009	0,027	FALSE
0,051	0,294	0,002	0,008	0,097	FALSE
-0,073	0,292	-0,003	0,012	0,101	FALSE
-0,047	0,311	-0,002	0,011	0,067	FALSE
-0,080	0,305	-0,002	0,008	0,087	FALSE
-0,031	0,307	-0,002	0,012	0,045	FALSE
0,113	0,294	0,003	0,007	0,166	FALSE
-0,071	0,318	-0,002	0,010	0,080	FALSE
0,050	0,301	0,001	0,012	0,028	FALSE
0,058	0,312	0,002	0,008	0,081	FALSE
-0,067	0,311	-0,002	0,011	0,051	FALSE
-0,117	0,307	-0,004	0,011	0,158	FALSE
-0,089	0,312	-0,003	0,011	0,117	FALSE
0,177	0,300	0,005	0,010	0,223	FALSE
-0,024	0,309	-0,001	0,007	0,040	FALSE
0,043	0,314	0,001	0,010	0,053	FALSE
0,003	0,319	0,000	0,010	0,008	FALSE
-0,160	0,298	-0,007	0,012	0,232	FALSE
0,005	0,292	0,000	0,009	0,001	FALSE
-0,096	0,305	-0,003	0,012	0,109	FALSE
-0,096	0,309	-0,004	0,013	0,109	FALSE
0,096	0,312	0,005	0,013	0,143	FALSE
0,152	0,298	0,005	0,011	0,200	FALSE
0,162	0,309	0,004	0,009	0,183	FALSE

0,125	0,288	0,003	0,008	0,143	FALSE
0,039	0,299	0,001	0,008	0,050	FALSE
0,022	0,305	0,001	0,007	0,032	FALSE
0,022	0,309	0,000	0,012	0,011	FALSE
0,023	0,296	0,001	0,006	0,043	FALSE
0,110	0,308	0,003	0,009	0,144	FALSE
0,012	0,322	0,001	0,013	0,021	FALSE
-0,068	0,324	-0,001	0,006	0,062	FALSE
0,051	0,295	0,002	0,009	0,085	FALSE
0,090	0,321	0,002	0,007	0,125	FALSE
-0,130	0,301	-0,003	0,007	0,170	FALSE
-0,019	0,308	0,000	0,010	0,011	FALSE
-0,077	0,295	-0,002	0,008	0,101	FALSE
-0,051	0,311	-0,001	0,010	0,042	FALSE
0,096	0,312	0,002	0,006	0,101	FALSE
0,098	0,306	0,002	0,006	0,095	FALSE
0,045	0,298	0,001	0,012	0,033	FALSE
0,024	0,309	0,001	0,008	0,024	FALSE
-0,074	0,316	-0,002	0,013	0,070	FALSE
-0,027	0,296	-0,001	0,007	0,044	FALSE
0,011	0,315	0,001	0,010	0,024	FALSE
0,077	0,316	0,002	0,008	0,109	FALSE
-0,019	0,310	-0,001	0,012	0,025	FALSE
0,036	0,315	0,001	0,012	0,024	FALSE
-0,075	0,315	-0,001	0,006	0,080	FALSE
0,028	0,286	0,000	0,008	0,019	FALSE
-0,072	0,303	-0,003	0,011	0,088	FALSE
-0,058	0,308	-0,002	0,008	0,078	FALSE
0,139	0,301	0,003	0,006	0,190	FALSE
0,104	0,300	0,002	0,006	0,139	FALSE
0,007	0,298	0,000	0,006	0,016	FALSE
-0,032	0,296	-0,002	0,013	0,054	FALSE
0,026	0,313	0,001	0,013	0,039	FALSE
-0,048	0,313	-0,001	0,007	0,044	FALSE
-0,167	0,300	-0,007	0,012	0,252	FALSE
0,036	0,304	0,001	0,009	0,034	FALSE
0,087	0,293	0,002	0,007	0,131	FALSE
0,050	0,307	0,002	0,011	0,080	FALSE
0,144	0,307	0,005	0,009	0,224	FALSE
-0,017	0,311	-0,001	0,008	0,031	FALSE
-0,105	0,326	-0,004	0,012	0,141	FALSE
0,228	0,293	0,007	0,009	0,370	FALSE
0,143	0,314	0,005	0,011	0,170	FALSE
0,015	0,298	0,000	0,012	0,014	FALSE
-0,093	0,302	-0,003	0,009	0,140	FALSE
0,080	0,295	0,002	0,011	0,076	FALSE
0,087	0,308	0,003	0,011	0,099	FALSE
-0,035	0,312	-0,001	0,011	0,028	FALSE
-0,001	0,303	0,000	0,012	0,004	FALSE
0,025	0,302	0,001	0,007	0,025	FALSE
-0,094	0,291	-0,002	0,007	0,100	FALSE
-0,005	0,323	0,000	0,013	0,008	FALSE
0,030	0,314	0,001	0,013	0,024	FALSE

0,088	0,287	0,003	0,012	0,094	FALSE
0,039	0,320	0,001	0,013	0,035	FALSE
-0,095	0,309	-0,003	0,008	0,143	FALSE
0,100	0,317	0,004	0,012	0,129	FALSE
0,068	0,305	0,002	0,008	0,077	FALSE
-0,124	0,319	-0,002	0,007	0,139	FALSE
0,110	0,303	0,004	0,012	0,122	FALSE
0,076	0,306	0,002	0,012	0,066	FALSE
-0,076	0,303	-0,002	0,007	0,095	FALSE
-0,021	0,302	-0,002	0,009	0,060	FALSE
-0,015	0,312	-0,001	0,011	0,047	FALSE
-0,008	0,309	0,000	0,009	0,019	FALSE
0,049	0,306	0,001	0,007	0,053	FALSE
-0,132	0,300	-0,003	0,007	0,170	FALSE
-0,026	0,289	-0,001	0,011	0,034	FALSE
-0,020	0,318	0,000	0,008	0,015	FALSE
-0,021	0,311	-0,001	0,012	0,031	FALSE
0,011	0,309	0,000	0,008	0,006	FALSE
0,012	0,308	0,000	0,009	0,009	FALSE
-0,041	0,312	-0,001	0,006	0,039	FALSE
-0,037	0,303	-0,001	0,012	0,041	FALSE
0,102	0,300	0,003	0,007	0,150	FALSE
0,031	0,311	0,000	0,013	0,001	FALSE
-0,100	0,293	-0,003	0,010	0,122	FALSE
-0,024	0,299	-0,001	0,010	0,053	FALSE
0,023	0,292	0,001	0,007	0,034	FALSE
-0,021	0,300	-0,001	0,010	0,030	FALSE
0,019	0,302	0,001	0,012	0,020	FALSE
0,020	0,307	0,000	0,009	0,013	FALSE
-0,046	0,302	-0,001	0,007	0,073	FALSE
0,035	0,303	0,002	0,012	0,046	FALSE
0,041	0,306	0,002	0,013	0,062	FALSE
-0,020	0,299	0,000	0,010	0,010	FALSE
0,017	0,304	0,001	0,009	0,028	FALSE
-0,029	0,312	-0,001	0,010	0,026	FALSE
0,042	0,316	0,002	0,011	0,066	FALSE
0,062	0,315	0,003	0,011	0,084	FALSE
0,013	0,331	0,001	0,012	0,026	FALSE
-0,040	0,303	-0,002	0,013	0,059	FALSE
0,008	0,297	0,000	0,013	0,007	FALSE
-0,105	0,303	-0,002	0,006	0,111	FALSE
0,058	0,289	0,002	0,011	0,076	FALSE
-0,006	0,316	0,001	0,008	0,023	FALSE
0,052	0,307	0,002	0,010	0,084	FALSE
0,052	0,306	0,002	0,007	0,094	FALSE
-0,110	0,298	-0,003	0,009	0,149	FALSE
-0,055	0,304	-0,001	0,008	0,060	FALSE
0,042	0,300	0,001	0,008	0,060	FALSE
0,113	0,312	0,005	0,013	0,153	FALSE
0,018	0,303	0,000	0,008	0,015	FALSE
0,102	0,291	0,004	0,012	0,147	FALSE
-0,011	0,321	0,000	0,011	0,006	FALSE
-0,082	0,285	-0,004	0,012	0,138	FALSE

-0,018	0,304	-0,001	0,012	0,045	FALSE
-0,064	0,291	-0,001	0,012	0,038	FALSE
0,099	0,297	0,003	0,010	0,113	FALSE
0,075	0,291	0,001	0,006	0,070	FALSE
-0,052	0,305	-0,002	0,009	0,080	FALSE
-0,083	0,309	-0,002	0,008	0,116	FALSE
-0,123	0,316	-0,002	0,006	0,131	FALSE
-0,012	0,309	0,000	0,008	0,017	FALSE
-0,176	0,320	-0,004	0,007	0,245	FALSE
-0,015	0,304	-0,001	0,013	0,016	FALSE
-0,032	0,304	-0,001	0,011	0,039	FALSE
-0,064	0,306	-0,003	0,013	0,087	FALSE
0,014	0,301	0,001	0,011	0,023	FALSE
0,159	0,297	0,007	0,012	0,228	FALSE
-0,148	0,292	-0,006	0,011	0,231	FALSE
-0,155	0,293	-0,006	0,011	0,231	FALSE
0,008	0,306	0,001	0,012	0,017	FALSE
-0,132	0,285	-0,004	0,007	0,223	FALSE
0,001	0,316	0,001	0,010	0,018	FALSE
-0,008	0,300	0,000	0,010	0,007	FALSE
0,041	0,290	0,001	0,010	0,052	FALSE
-0,004	0,307	0,000	0,011	0,007	FALSE
0,020	0,302	0,001	0,011	0,025	FALSE
-0,079	0,310	-0,003	0,012	0,117	FALSE
0,005	0,301	0,000	0,008	0,008	FALSE
0,021	0,303	0,001	0,010	0,020	FALSE
0,034	0,304	0,002	0,011	0,050	FALSE
-0,032	0,304	-0,002	0,008	0,074	FALSE
-0,062	0,316	-0,001	0,007	0,065	FALSE
-0,101	0,320	-0,004	0,013	0,111	FALSE
0,125	0,302	0,004	0,012	0,137	FALSE
0,046	0,303	0,001	0,012	0,036	FALSE
0,106	0,303	0,002	0,007	0,130	FALSE
-0,003	0,305	-0,001	0,008	0,031	FALSE
0,044	0,297	0,002	0,012	0,050	FALSE
0,075	0,317	0,001	0,006	0,076	FALSE
-0,038	0,297	-0,001	0,008	0,038	FALSE
-0,021	0,297	-0,001	0,010	0,023	FALSE
0,060	0,304	0,002	0,008	0,077	FALSE
-0,054	0,294	-0,001	0,007	0,072	FALSE
0,169	0,298	0,006	0,010	0,246	FALSE
0,141	0,301	0,006	0,013	0,203	FALSE
-0,040	0,316	-0,002	0,012	0,061	FALSE
0,032	0,310	0,001	0,007	0,051	FALSE
-0,101	0,314	-0,004	0,013	0,115	FALSE
-0,017	0,305	0,000	0,011	0,011	FALSE
0,026	0,302	0,001	0,007	0,039	FALSE
0,033	0,309	0,001	0,011	0,033	FALSE
0,133	0,300	0,004	0,010	0,162	FALSE
-0,019	0,311	-0,001	0,010	0,039	FALSE
-0,038	0,299	-0,001	0,008	0,045	FALSE
-0,010	0,325	0,000	0,007	0,019	FALSE
0,097	0,300	0,002	0,008	0,123	FALSE

0,038	0,306	0,001	0,007	0,043	FALSE
0,002	0,325	0,000	0,013	0,007	FALSE
0,044	0,299	0,001	0,007	0,082	FALSE
0,015	0,307	0,000	0,011	0,003	FALSE
0,073	0,314	0,003	0,010	0,105	FALSE
0,071	0,313	0,003	0,010	0,104	FALSE
0,086	0,314	0,003	0,010	0,122	FALSE
0,021	0,304	0,000	0,006	0,006	FALSE
0,074	0,290	0,003	0,011	0,093	FALSE
-0,052	0,316	-0,001	0,011	0,043	FALSE
0,059	0,298	0,002	0,012	0,060	FALSE
0,109	0,303	0,003	0,008	0,129	FALSE
-0,021	0,310	0,000	0,010	0,006	FALSE
-0,065	0,308	-0,002	0,008	0,083	FALSE
0,034	0,310	0,001	0,009	0,035	FALSE
0,019	0,299	0,001	0,012	0,027	FALSE
0,003	0,321	0,000	0,013	0,005	FALSE
-0,086	0,306	-0,003	0,011	0,119	FALSE
0,098	0,314	0,004	0,012	0,138	FALSE
0,104	0,314	0,002	0,007	0,104	FALSE
0,109	0,302	0,002	0,007	0,119	FALSE
-0,018	0,310	-0,001	0,009	0,029	FALSE
0,123	0,293	0,002	0,007	0,144	FALSE
0,023	0,294	0,001	0,006	0,046	FALSE
0,068	0,311	0,001	0,007	0,069	FALSE
0,120	0,310	0,006	0,012	0,198	FALSE
-0,090	0,306	-0,003	0,009	0,123	FALSE
-0,091	0,312	-0,004	0,013	0,112	FALSE
-0,182	0,298	-0,007	0,012	0,259	FALSE
0,062	0,301	0,002	0,008	0,078	FALSE
-0,007	0,296	-0,001	0,006	0,035	FALSE
0,037	0,304	0,002	0,013	0,055	FALSE
-0,201	0,292	-0,008	0,011	0,322	FALSE
0,058	0,317	0,002	0,012	0,053	FALSE
0,087	0,313	0,003	0,011	0,086	FALSE
0,100	0,314	0,004	0,011	0,130	FALSE
-0,075	0,312	-0,001	0,007	0,083	FALSE
0,075	0,302	0,003	0,010	0,107	FALSE
0,093	0,314	0,002	0,007	0,098	FALSE
0,080	0,318	0,002	0,007	0,088	FALSE
-0,028	0,320	-0,001	0,010	0,025	FALSE
-0,092	0,311	-0,002	0,008	0,116	FALSE
0,102	0,310	0,004	0,010	0,148	FALSE
0,065	0,302	0,003	0,010	0,103	FALSE
0,076	0,310	0,004	0,013	0,108	FALSE
0,173	0,310	0,006	0,013	0,212	FALSE
-0,077	0,306	-0,002	0,009	0,111	FALSE
0,057	0,316	0,002	0,011	0,074	FALSE
-0,093	0,304	-0,004	0,012	0,125	FALSE
0,154	0,299	0,003	0,006	0,228	FALSE
0,013	0,304	0,000	0,006	0,007	FALSE
-0,001	0,298	-0,001	0,011	0,027	FALSE
-0,061	0,298	-0,002	0,009	0,101	FALSE

0,026	0,305	0,002	0,013	0,062	FALSE
0,044	0,314	0,002	0,011	0,072	FALSE
-0,005	0,301	0,000	0,010	0,015	FALSE
-0,043	0,323	-0,001	0,007	0,054	FALSE
-0,040	0,309	-0,001	0,006	0,053	FALSE
-0,108	0,311	-0,004	0,012	0,122	FALSE
-0,123	0,303	-0,005	0,012	0,163	FALSE
-0,081	0,306	-0,003	0,012	0,088	FALSE
0,076	0,313	0,002	0,008	0,105	FALSE
-0,015	0,317	0,000	0,013	0,013	FALSE
-0,016	0,321	-0,001	0,013	0,020	FALSE
-0,084	0,297	-0,002	0,012	0,078	FALSE
0,041	0,314	0,001	0,011	0,039	FALSE
-0,037	0,317	-0,001	0,008	0,031	FALSE
-0,065	0,321	-0,003	0,013	0,077	FALSE
-0,051	0,299	-0,001	0,007	0,053	FALSE
-0,026	0,315	0,000	0,007	0,003	FALSE
0,086	0,312	0,003	0,008	0,131	FALSE
0,149	0,296	0,003	0,007	0,167	FALSE
0,084	0,287	0,002	0,007	0,090	FALSE
-0,080	0,298	-0,003	0,011	0,120	FALSE
0,058	0,304	0,002	0,008	0,086	FALSE
0,056	0,300	0,001	0,007	0,048	FALSE
0,051	0,307	0,002	0,008	0,079	FALSE
-0,070	0,298	-0,001	0,007	0,064	FALSE
-0,068	0,297	-0,002	0,007	0,122	FALSE
-0,003	0,306	0,000	0,009	0,005	FALSE
-0,060	0,303	-0,002	0,007	0,112	FALSE
-0,064	0,302	-0,002	0,007	0,135	FALSE
0,011	0,292	0,000	0,009	0,013	FALSE
-0,054	0,298	-0,001	0,007	0,076	FALSE
0,017	0,318	0,002	0,010	0,061	FALSE
0,038	0,319	0,000	0,009	0,017	FALSE
0,000	0,313	0,000	0,013	0,006	FALSE
-0,011	0,310	0,000	0,007	0,002	FALSE
0,085	0,296	0,002	0,006	0,096	FALSE
0,054	0,314	0,002	0,008	0,077	FALSE
0,153	0,307	0,003	0,007	0,198	FALSE
-0,062	0,312	-0,004	0,013	0,128	FALSE
-0,066	0,300	-0,003	0,012	0,094	FALSE
-0,032	0,314	-0,002	0,012	0,051	FALSE
0,081	0,303	0,002	0,008	0,075	FALSE
0,055	0,316	0,002	0,010	0,075	FALSE
-0,017	0,322	-0,001	0,011	0,026	FALSE
-0,064	0,309	-0,002	0,013	0,061	FALSE
-0,061	0,313	-0,002	0,013	0,051	FALSE
0,000	0,316	0,000	0,009	0,011	FALSE
0,071	0,292	0,002	0,009	0,077	FALSE
0,030	0,320	0,002	0,012	0,063	FALSE
0,040	0,308	0,001	0,013	0,014	FALSE
-0,006	0,312	0,001	0,013	0,019	FALSE
0,040	0,305	0,000	0,013	0,009	FALSE
-0,007	0,322	0,001	0,013	0,018	FALSE

0,026	0,301	0,002	0,012	0,055	FALSE
0,006	0,312	0,001	0,013	0,023	FALSE
0,043	0,307	0,003	0,013	0,082	FALSE
0,006	0,309	0,001	0,013	0,026	FALSE
-0,090	0,301	-0,003	0,008	0,130	FALSE
-0,027	0,306	-0,001	0,011	0,040	FALSE
-0,018	0,301	-0,001	0,011	0,031	FALSE
-0,018	0,284	-0,001	0,010	0,033	FALSE
-0,032	0,296	-0,002	0,010	0,057	FALSE
-0,040	0,302	-0,002	0,008	0,068	FALSE
-0,057	0,302	-0,002	0,011	0,084	FALSE
-0,016	0,310	-0,001	0,011	0,034	FALSE
-0,031	0,307	-0,001	0,011	0,047	FALSE
-0,005	0,317	0,000	0,009	0,006	FALSE
0,009	0,309	0,000	0,011	0,010	FALSE
-0,052	0,312	-0,002	0,011	0,072	FALSE
-0,140	0,302	-0,003	0,006	0,175	FALSE
-0,050	0,303	-0,003	0,011	0,084	FALSE
-0,114	0,306	-0,004	0,010	0,147	FALSE
-0,082	0,305	-0,002	0,007	0,118	FALSE
0,113	0,296	0,003	0,008	0,168	FALSE
-0,039	0,302	-0,001	0,013	0,042	FALSE
0,083	0,302	0,002	0,009	0,093	FALSE
0,014	0,309	0,000	0,007	0,008	FALSE
0,139	0,305	0,003	0,007	0,178	FALSE
0,018	0,311	0,001	0,007	0,027	FALSE
-0,030	0,322	-0,001	0,012	0,040	FALSE
-0,028	0,321	0,000	0,007	0,022	FALSE
-0,005	0,304	0,000	0,008	0,002	FALSE
0,086	0,299	0,004	0,013	0,121	FALSE
0,020	0,325	0,001	0,013	0,017	FALSE
0,029	0,301	0,002	0,009	0,073	FALSE
0,005	0,320	0,000	0,009	0,013	FALSE
0,080	0,310	0,003	0,010	0,125	FALSE
-0,097	0,302	-0,002	0,007	0,107	FALSE
0,050	0,307	0,002	0,010	0,064	FALSE
0,023	0,298	0,001	0,012	0,034	FALSE
-0,038	0,317	-0,002	0,012	0,054	FALSE
0,145	0,318	0,004	0,009	0,182	FALSE
-0,008	0,307	0,000	0,006	0,004	FALSE
0,055	0,298	0,002	0,009	0,086	FALSE
-0,019	0,300	0,000	0,010	0,017	FALSE
0,030	0,306	0,001	0,007	0,055	FALSE
0,055	0,312	0,002	0,009	0,079	FALSE
0,019	0,309	0,001	0,008	0,028	FALSE
-0,044	0,320	-0,001	0,008	0,044	FALSE
0,099	0,314	0,004	0,013	0,135	FALSE
0,022	0,315	0,002	0,013	0,045	FALSE
-0,086	0,303	-0,001	0,006	0,087	FALSE
-0,014	0,315	0,000	0,009	0,018	FALSE
0,059	0,307	0,002	0,013	0,073	FALSE
0,072	0,305	0,003	0,012	0,092	FALSE
-0,135	0,312	-0,003	0,007	0,185	FALSE

0,084	0,320	0,003	0,012	0,100	FALSE
-0,004	0,305	0,000	0,007	0,002	FALSE
-0,147	0,300	-0,004	0,008	0,203	FALSE
-0,027	0,313	-0,001	0,013	0,039	FALSE
-0,081	0,299	-0,002	0,007	0,100	FALSE
0,083	0,315	0,003	0,012	0,110	FALSE
0,027	0,310	0,000	0,007	0,006	FALSE
0,081	0,303	0,001	0,007	0,063	FALSE
0,040	0,304	0,002	0,012	0,066	FALSE
0,015	0,312	0,000	0,012	0,014	FALSE
0,116	0,312	0,004	0,008	0,191	FALSE
-0,044	0,306	-0,001	0,008	0,039	FALSE
-0,059	0,312	-0,002	0,008	0,078	FALSE
0,000	0,304	0,000	0,006	0,023	FALSE
-0,020	0,307	0,000	0,012	0,009	FALSE
0,079	0,319	0,004	0,013	0,102	FALSE
0,101	0,311	0,003	0,008	0,118	FALSE
-0,065	0,309	-0,003	0,013	0,102	FALSE
-0,049	0,312	-0,001	0,007	0,040	FALSE
0,073	0,303	0,003	0,010	0,114	FALSE
0,052	0,308	0,002	0,011	0,081	FALSE
0,080	0,306	0,003	0,011	0,114	FALSE
0,084	0,315	0,003	0,011	0,104	FALSE
-0,005	0,311	0,000	0,008	0,001	FALSE
-0,064	0,311	-0,003	0,011	0,087	FALSE
0,007	0,311	0,001	0,010	0,040	FALSE
0,006	0,271	0,001	0,011	0,035	FALSE
0,064	0,298	0,002	0,011	0,076	FALSE
-0,127	0,297	-0,004	0,012	0,141	FALSE
-0,011	0,298	0,000	0,010	0,017	FALSE
0,003	0,303	-0,001	0,008	0,027	FALSE
0,095	0,304	0,003	0,008	0,151	FALSE
0,103	0,310	0,003	0,009	0,159	FALSE
0,102	0,293	0,003	0,007	0,186	FALSE
0,075	0,299	0,003	0,010	0,118	FALSE
-0,126	0,304	-0,003	0,007	0,187	FALSE
-0,099	0,291	-0,003	0,006	0,166	FALSE
-0,160	0,307	-0,007	0,011	0,271	FALSE
0,124	0,307	0,003	0,006	0,188	FALSE
-0,011	0,310	0,000	0,010	0,018	FALSE
-0,091	0,312	-0,003	0,010	0,122	FALSE
-0,065	0,308	-0,002	0,006	0,099	FALSE
0,008	0,298	0,000	0,008	0,007	FALSE
-0,030	0,303	-0,002	0,010	0,064	FALSE
-0,016	0,299	-0,001	0,010	0,043	FALSE
-0,094	0,323	-0,002	0,008	0,114	FALSE
-0,072	0,311	-0,004	0,012	0,115	FALSE
-0,085	0,317	-0,002	0,008	0,094	FALSE
-0,064	0,306	-0,001	0,008	0,071	FALSE
-0,036	0,307	-0,002	0,012	0,048	FALSE
-0,164	0,299	-0,006	0,012	0,223	FALSE
0,061	0,317	0,003	0,012	0,080	FALSE
0,102	0,291	0,005	0,012	0,153	FALSE

0,126	0,300	0,005	0,010	0,210	FALSE
0,104	0,297	0,003	0,008	0,137	FALSE
0,097	0,314	0,003	0,011	0,100	FALSE
0,141	0,311	0,004	0,011	0,149	FALSE
0,074	0,292	0,002	0,008	0,078	FALSE
0,065	0,293	0,002	0,009	0,064	FALSE
0,111	0,304	0,003	0,009	0,119	FALSE
0,085	0,300	0,002	0,008	0,093	FALSE
0,051	0,310	0,001	0,009	0,059	FALSE
-0,037	0,306	-0,001	0,011	0,020	FALSE
-0,001	0,309	0,000	0,008	0,011	FALSE
0,148	0,291	0,007	0,012	0,229	FALSE
-0,081	0,303	-0,004	0,012	0,126	FALSE
-0,016	0,306	-0,001	0,008	0,029	FALSE
0,058	0,313	0,002	0,008	0,084	FALSE
-0,009	0,304	0,000	0,007	0,019	FALSE
0,014	0,300	0,001	0,007	0,052	FALSE
0,038	0,299	0,002	0,007	0,081	FALSE
-0,005	0,292	0,001	0,007	0,026	FALSE
0,039	0,305	0,001	0,008	0,043	FALSE
-0,005	0,309	0,000	0,012	0,005	FALSE
0,028	0,314	0,001	0,010	0,042	FALSE
-0,070	0,317	-0,002	0,008	0,089	FALSE
0,014	0,309	0,001	0,007	0,030	FALSE
0,041	0,313	0,001	0,010	0,043	FALSE
0,067	0,310	0,002	0,010	0,087	FALSE
-0,098	0,303	-0,002	0,007	0,134	FALSE
0,039	0,313	0,001	0,009	0,055	FALSE
-0,041	0,310	-0,002	0,012	0,056	FALSE
-0,022	0,295	-0,001	0,006	0,035	FALSE
-0,019	0,309	-0,001	0,013	0,021	TRUE
-0,101	0,301	-0,004	0,010	0,139	FALSE
-0,010	0,302	-0,001	0,012	0,022	FALSE
-0,089	0,313	-0,003	0,009	0,105	FALSE
0,109	0,311	0,004	0,010	0,161	FALSE
-0,021	0,300	0,000	0,006	0,021	FALSE
-0,080	0,322	-0,002	0,011	0,084	FALSE
-0,061	0,313	-0,002	0,010	0,066	FALSE
-0,105	0,301	-0,003	0,010	0,141	FALSE
0,014	0,319	0,001	0,007	0,028	FALSE
0,021	0,302	0,001	0,013	0,027	FALSE
0,003	0,311	0,000	0,012	0,012	FALSE
-0,144	0,293	-0,006	0,013	0,200	FALSE
-0,025	0,289	-0,001	0,007	0,037	FALSE
0,021	0,301	0,001	0,007	0,037	FALSE
0,001	0,308	0,000	0,008	0,021	FALSE
-0,101	0,313	-0,003	0,008	0,140	FALSE
0,020	0,315	0,000	0,007	0,023	FALSE
0,004	0,313	0,000	0,008	0,003	FALSE
-0,057	0,295	-0,001	0,009	0,057	FALSE
0,122	0,298	0,003	0,006	0,188	FALSE
0,015	0,298	0,000	0,012	0,006	FALSE
0,044	0,307	0,001	0,012	0,031	FALSE

-0,073	0,298	-0,003	0,012	0,080	FALSE
0,036	0,304	0,001	0,007	0,046	FALSE
-0,134	0,302	-0,005	0,013	0,156	FALSE
-0,128	0,314	-0,005	0,013	0,145	FALSE
0,035	0,310	0,001	0,008	0,052	FALSE
-0,008	0,302	-0,001	0,010	0,048	FALSE
0,055	0,302	0,001	0,009	0,046	FALSE
-0,019	0,313	-0,001	0,012	0,023	FALSE
0,054	0,311	0,002	0,009	0,081	FALSE
-0,010	0,305	-0,001	0,011	0,028	FALSE
0,104	0,301	0,003	0,007	0,176	FALSE
-0,118	0,303	-0,003	0,008	0,151	FALSE
-0,101	0,310	-0,004	0,013	0,113	FALSE
0,142	0,313	0,004	0,007	0,196	FALSE
-0,066	0,301	-0,002	0,007	0,086	FALSE
-0,010	0,319	0,000	0,008	0,000	FALSE
-0,095	0,316	-0,002	0,010	0,100	FALSE
0,035	0,300	0,001	0,011	0,040	FALSE
0,027	0,293	0,001	0,012	0,021	FALSE
0,118	0,318	0,003	0,007	0,159	FALSE
0,160	0,296	0,004	0,007	0,224	FALSE
0,102	0,316	0,003	0,007	0,140	FALSE
0,069	0,305	0,002	0,008	0,089	FALSE
0,035	0,315	0,001	0,010	0,033	FALSE
0,073	0,316	0,002	0,009	0,072	FALSE
-0,036	0,298	-0,001	0,006	0,052	FALSE
-0,057	0,309	-0,002	0,010	0,079	FALSE
-0,086	0,303	-0,003	0,009	0,114	FALSE
0,049	0,298	0,001	0,010	0,055	FALSE
0,044	0,320	0,001	0,011	0,047	FALSE
0,032	0,307	0,001	0,012	0,027	FALSE
0,028	0,295	0,001	0,012	0,045	FALSE
-0,023	0,320	-0,001	0,010	0,035	FALSE
-0,064	0,323	-0,002	0,011	0,078	FALSE
-0,054	0,310	-0,001	0,006	0,072	FALSE
0,104	0,294	0,002	0,007	0,122	FALSE
0,103	0,297	0,002	0,008	0,095	FALSE
0,040	0,311	0,001	0,008	0,047	FALSE
0,007	0,318	0,000	0,013	0,000	FALSE
0,146	0,292	0,007	0,012	0,236	FALSE
0,120	0,302	0,005	0,011	0,188	FALSE
0,065	0,301	0,002	0,008	0,095	FALSE
0,120	0,289	0,006	0,013	0,193	FALSE
0,094	0,305	0,003	0,009	0,132	FALSE
0,182	0,287	0,005	0,009	0,263	FALSE
0,060	0,319	0,001	0,012	0,040	FALSE
0,046	0,304	0,002	0,011	0,049	FALSE
0,044	0,308	0,001	0,006	0,073	FALSE
-0,008	0,320	0,000	0,011	0,006	FALSE
0,007	0,299	0,001	0,012	0,035	FALSE
-0,050	0,302	-0,001	0,006	0,072	FALSE
-0,107	0,326	-0,003	0,008	0,122	FALSE
0,086	0,294	0,004	0,012	0,116	FALSE

-0,175	0,302	-0,005	0,008	0,258	FALSE
0,052	0,293	0,001	0,006	0,068	FALSE
0,125	0,287	0,005	0,010	0,199	FALSE
-0,121	0,315	-0,004	0,008	0,172	FALSE
-0,026	0,293	0,000	0,008	0,019	FALSE
0,012	0,305	0,000	0,007	0,007	FALSE
0,128	0,302	0,004	0,008	0,182	FALSE
0,121	0,299	0,005	0,010	0,209	FALSE
-0,110	0,301	-0,005	0,013	0,156	FALSE
-0,016	0,317	-0,001	0,009	0,032	FALSE
0,088	0,297	0,002	0,010	0,077	FALSE
-0,014	0,296	0,000	0,008	0,010	FALSE
-0,121	0,303	-0,003	0,008	0,160	FALSE
-0,063	0,307	-0,002	0,008	0,076	FALSE
0,016	0,308	0,000	0,012	0,004	FALSE
0,084	0,308	0,003	0,011	0,095	FALSE
-0,126	0,289	-0,003	0,008	0,145	FALSE
-0,005	0,295	0,000	0,007	0,020	FALSE
0,191	0,296	0,006	0,009	0,307	FALSE
0,032	0,290	0,001	0,009	0,022	FALSE
-0,067	0,312	-0,001	0,007	0,069	FALSE
0,003	0,300	0,000	0,011	0,009	FALSE
0,114	0,310	0,003	0,008	0,170	FALSE
0,124	0,312	0,004	0,008	0,178	FALSE
0,198	0,306	0,005	0,007	0,298	FALSE
-0,157	0,305	-0,004	0,008	0,208	FALSE
-0,131	0,305	-0,004	0,009	0,190	FALSE
0,040	0,302	0,001	0,011	0,035	FALSE
0,074	0,288	0,002	0,008	0,091	FALSE
0,175	0,300	0,006	0,009	0,292	FALSE
-0,011	0,323	0,000	0,012	0,004	FALSE
-0,117	0,316	-0,003	0,008	0,159	FALSE
-0,079	0,312	-0,002	0,008	0,103	FALSE
-0,095	0,302	-0,005	0,012	0,163	FALSE
0,227	0,291	0,009	0,012	0,357	FALSE
0,063	0,303	0,001	0,010	0,038	FALSE
0,014	0,316	0,000	0,011	0,012	FALSE
-0,139	0,301	-0,006	0,011	0,230	FALSE
-0,143	0,315	-0,006	0,013	0,216	FALSE
-0,126	0,303	-0,006	0,012	0,197	FALSE
-0,025	0,323	0,000	0,008	0,020	FALSE
-0,061	0,318	-0,001	0,007	0,055	FALSE
-0,084	0,309	-0,002	0,006	0,095	FALSE
0,003	0,326	0,000	0,012	0,009	FALSE
0,102	0,305	0,004	0,010	0,162	FALSE
-0,116	0,301	-0,006	0,012	0,208	FALSE
0,018	0,314	0,000	0,012	0,013	FALSE
-0,126	0,321	-0,006	0,013	0,191	FALSE
0,070	0,308	0,003	0,012	0,110	FALSE
0,054	0,305	0,002	0,011	0,077	FALSE
0,055	0,309	0,003	0,011	0,099	FALSE
0,092	0,313	0,005	0,012	0,151	FALSE
-0,155	0,309	-0,005	0,009	0,232	FALSE

0,095	0,298	0,004	0,012	0,120	FALSE
0,084	0,300	0,002	0,008	0,112	FALSE
0,115	0,305	0,003	0,007	0,163	FALSE
0,071	0,320	0,003	0,011	0,107	FALSE
0,103	0,309	0,003	0,010	0,132	FALSE
0,064	0,320	0,002	0,010	0,070	FALSE
0,151	0,300	0,004	0,009	0,199	FALSE
-0,049	0,316	-0,001	0,009	0,039	FALSE
-0,036	0,309	-0,001	0,007	0,032	FALSE
0,061	0,309	0,001	0,006	0,080	FALSE
0,062	0,306	0,001	0,006	0,088	FALSE
0,027	0,309	0,000	0,010	0,012	FALSE
-0,008	0,306	0,000	0,010	0,013	FALSE
0,016	0,312	0,001	0,010	0,033	FALSE
-0,007	0,318	0,000	0,012	0,006	FALSE
0,032	0,314	0,002	0,012	0,047	FALSE
0,034	0,301	0,002	0,011	0,056	FALSE
-0,007	0,295	0,000	0,006	0,002	FALSE
-0,018	0,299	-0,001	0,011	0,045	FALSE
0,142	0,299	0,005	0,010	0,188	FALSE
0,155	0,305	0,005	0,010	0,187	FALSE
0,137	0,310	0,005	0,010	0,183	FALSE
0,100	0,308	0,002	0,007	0,112	FALSE
-0,094	0,311	-0,003	0,011	0,126	FALSE
-0,050	0,318	-0,002	0,012	0,050	FALSE
-0,070	0,309	-0,003	0,012	0,088	FALSE
0,073	0,329	0,003	0,013	0,078	FALSE
-0,084	0,300	-0,002	0,008	0,096	FALSE
0,005	0,308	0,000	0,010	0,007	FALSE
0,089	0,319	0,003	0,013	0,098	FALSE
0,092	0,294	0,002	0,007	0,128	FALSE
0,101	0,305	0,004	0,012	0,121	FALSE
-0,010	0,310	-0,001	0,010	0,020	FALSE
0,045	0,317	0,002	0,013	0,065	FALSE
-0,067	0,309	-0,003	0,011	0,100	FALSE
0,021	0,314	0,001	0,010	0,025	FALSE
0,087	0,317	0,003	0,011	0,120	FALSE
0,005	0,313	0,000	0,007	0,012	FALSE
0,024	0,300	0,001	0,009	0,029	FALSE
-0,038	0,295	-0,001	0,012	0,043	FALSE
-0,112	0,295	-0,002	0,007	0,139	FALSE
0,069	0,307	0,003	0,012	0,097	FALSE
0,041	0,311	0,001	0,012	0,033	FALSE
0,080	0,310	0,002	0,013	0,069	FALSE
0,004	0,314	0,000	0,007	0,015	FALSE
0,019	0,309	0,001	0,010	0,022	FALSE
0,013	0,307	0,001	0,009	0,021	FALSE
0,143	0,306	0,004	0,008	0,189	FALSE
0,033	0,323	0,000	0,009	0,007	FALSE
0,074	0,308	0,002	0,008	0,082	FALSE
0,062	0,304	0,001	0,009	0,052	FALSE
0,027	0,313	0,001	0,013	0,015	FALSE
0,031	0,300	0,001	0,012	0,029	FALSE

0,006	0,311	0,000	0,012	0,007	FALSE
0,015	0,320	0,001	0,008	0,023	FALSE
0,060	0,300	0,001	0,007	0,039	FALSE
0,041	0,298	0,000	0,007	0,023	FALSE
0,006	0,309	0,001	0,011	0,018	FALSE
-0,147	0,297	-0,004	0,008	0,228	FALSE
-0,081	0,299	-0,005	0,013	0,135	FALSE
0,016	0,310	0,001	0,010	0,048	FALSE
-0,062	0,295	-0,004	0,013	0,106	FALSE
-0,074	0,295	-0,004	0,013	0,126	FALSE
-0,074	0,311	-0,003	0,008	0,119	FALSE
0,044	0,283	0,003	0,013	0,087	FALSE
0,097	0,300	0,006	0,013	0,178	FALSE
0,129	0,319	0,005	0,013	0,166	FALSE
-0,083	0,303	-0,002	0,011	0,082	FALSE
0,097	0,316	0,004	0,012	0,125	FALSE
-0,192	0,310	-0,006	0,010	0,271	FALSE
0,013	0,313	-0,001	0,011	0,017	FALSE
0,002	0,302	0,000	0,007	0,006	FALSE
-0,065	0,297	-0,002	0,008	0,082	FALSE
0,089	0,311	0,004	0,012	0,115	FALSE
-0,073	0,311	-0,002	0,009	0,089	FALSE
0,009	0,307	0,001	0,011	0,040	FALSE
0,019	0,307	0,001	0,009	0,029	FALSE
0,006	0,312	0,000	0,007	0,017	FALSE
-0,054	0,312	-0,002	0,011	0,081	FALSE
-0,147	0,306	-0,004	0,008	0,230	FALSE
0,034	0,294	0,002	0,011	0,061	FALSE
0,018	0,301	0,001	0,011	0,034	FALSE
0,021	0,319	0,001	0,013	0,015	FALSE
0,040	0,290	0,002	0,011	0,058	FALSE
-0,126	0,301	-0,004	0,010	0,178	FALSE
-0,062	0,307	-0,002	0,009	0,100	FALSE
0,121	0,299	0,004	0,008	0,197	FALSE
0,002	0,308	0,000	0,007	0,020	FALSE
-0,061	0,309	-0,001	0,013	0,038	FALSE
-0,122	0,306	-0,004	0,010	0,174	FALSE
-0,123	0,306	-0,003	0,006	0,193	FALSE
-0,085	0,311	-0,004	0,013	0,131	FALSE
0,063	0,315	0,002	0,011	0,078	FALSE
-0,018	0,305	0,000	0,007	0,008	FALSE
0,051	0,307	0,002	0,011	0,065	FALSE
-0,046	0,307	-0,001	0,007	0,038	FALSE
-0,211	0,290	-0,007	0,010	0,341	FALSE
0,101	0,312	0,005	0,011	0,161	FALSE
-0,006	0,313	0,000	0,011	0,000	FALSE
-0,016	0,312	0,000	0,011	0,002	FALSE
-0,022	0,314	0,000	0,010	0,010	FALSE
0,000	0,317	0,000	0,008	0,011	FALSE
-0,012	0,306	0,000	0,011	0,016	FALSE
0,119	0,299	0,003	0,007	0,188	FALSE
0,039	0,298	0,003	0,011	0,087	FALSE
-0,047	0,307	-0,001	0,010	0,046	FALSE

0,106	0,310	0,003	0,008	0,125	FALSE
0,050	0,303	0,002	0,009	0,089	FALSE
-0,136	0,296	-0,007	0,012	0,242	FALSE
-0,065	0,297	-0,002	0,011	0,066	FALSE
0,006	0,298	0,001	0,007	0,038	FALSE
0,067	0,309	0,003	0,012	0,076	FALSE
-0,007	0,290	0,000	0,011	0,002	FALSE
0,104	0,289	0,003	0,009	0,116	FALSE
-0,106	0,296	-0,002	0,007	0,104	FALSE
-0,029	0,306	0,000	0,006	0,013	FALSE
-0,028	0,307	-0,001	0,013	0,029	FALSE
0,044	0,308	0,001	0,010	0,038	FALSE
0,063	0,300	0,002	0,009	0,068	FALSE
0,141	0,313	0,004	0,007	0,205	FALSE
0,035	0,294	0,001	0,007	0,055	FALSE
0,037	0,303	0,001	0,009	0,024	FALSE
0,089	0,298	0,004	0,013	0,116	FALSE
-0,110	0,305	-0,002	0,007	0,145	FALSE
-0,084	0,314	-0,002	0,008	0,098	FALSE
-0,023	0,300	0,000	0,007	0,018	FALSE
-0,085	0,309	-0,002	0,007	0,097	FALSE
0,093	0,311	0,002	0,007	0,114	FALSE
-0,202	0,299	-0,004	0,006	0,281	FALSE
0,052	0,299	0,003	0,012	0,087	FALSE
0,072	0,306	0,003	0,012	0,092	FALSE
0,031	0,306	0,001	0,006	0,035	FALSE
0,063	0,314	0,002	0,012	0,074	FALSE
0,048	0,298	0,002	0,010	0,074	FALSE
-0,106	0,317	-0,004	0,012	0,134	FALSE
0,022	0,308	0,001	0,007	0,034	FALSE
-0,073	0,300	-0,003	0,012	0,090	FALSE
0,092	0,295	0,004	0,012	0,122	FALSE
0,143	0,311	0,005	0,010	0,218	FALSE
0,082	0,291	0,003	0,011	0,122	FALSE
-0,030	0,299	-0,001	0,012	0,036	FALSE
-0,197	0,301	-0,005	0,008	0,264	FALSE
0,172	0,299	0,006	0,010	0,283	TRUE
-0,079	0,285	-0,001	0,006	0,072	FALSE
-0,029	0,300	-0,001	0,012	0,032	FALSE
0,096	0,307	0,002	0,007	0,094	FALSE
-0,030	0,298	-0,001	0,007	0,029	FALSE
-0,017	0,308	0,000	0,008	0,018	FALSE
0,089	0,309	0,002	0,007	0,130	FALSE
0,030	0,319	0,002	0,009	0,068	FALSE
-0,013	0,311	-0,001	0,010	0,026	FALSE
0,084	0,308	0,003	0,011	0,110	FALSE
-0,008	0,302	-0,001	0,007	0,039	FALSE
-0,003	0,300	-0,001	0,012	0,015	FALSE
-0,032	0,324	-0,002	0,013	0,048	FALSE
0,039	0,296	0,001	0,006	0,051	FALSE
-0,030	0,287	-0,001	0,009	0,032	FALSE
-0,116	0,304	-0,004	0,009	0,156	FALSE
0,033	0,308	0,001	0,010	0,042	FALSE

-0,004	0,332	0,000	0,013	0,005	FALSE
0,088	0,289	0,003	0,011	0,126	FALSE
0,005	0,318	0,000	0,010	0,013	FALSE
0,096	0,300	0,004	0,012	0,133	FALSE
0,164	0,313	0,007	0,012	0,237	FALSE
0,037	0,306	0,000	0,008	0,022	FALSE
0,185	0,304	0,005	0,009	0,251	FALSE
-0,030	0,306	-0,001	0,010	0,037	FALSE
0,030	0,312	0,001	0,010	0,030	FALSE
-0,086	0,298	-0,003	0,010	0,096	FALSE
-0,004	0,299	0,000	0,007	0,022	FALSE
-0,095	0,315	-0,003	0,011	0,101	FALSE
-0,040	0,314	-0,001	0,010	0,041	FALSE
0,115	0,307	0,005	0,013	0,172	FALSE
-0,080	0,309	-0,003	0,009	0,136	FALSE
-0,065	0,305	-0,002	0,008	0,115	FALSE
-0,060	0,312	-0,002	0,009	0,105	FALSE
-0,061	0,311	-0,002	0,009	0,066	FALSE
0,122	0,317	0,004	0,010	0,144	FALSE
-0,035	0,316	-0,001	0,012	0,023	FALSE
0,045	0,311	0,001	0,006	0,039	FALSE
0,017	0,309	0,000	0,006	0,005	FALSE
-0,085	0,295	-0,002	0,009	0,072	FALSE
0,135	0,303	0,004	0,009	0,184	FALSE
0,087	0,300	0,003	0,007	0,144	FALSE
0,060	0,307	0,002	0,008	0,089	FALSE
-0,034	0,301	0,000	0,009	0,002	FALSE
0,153	0,295	0,005	0,009	0,228	FALSE
0,155	0,300	0,005	0,010	0,226	FALSE
0,131	0,273	0,004	0,009	0,204	FALSE
-0,131	0,307	-0,004	0,008	0,194	FALSE
-0,143	0,302	-0,003	0,006	0,209	FALSE
-0,045	0,318	-0,003	0,013	0,074	FALSE
-0,097	0,303	-0,005	0,013	0,156	FALSE
-0,036	0,299	-0,001	0,008	0,040	FALSE
0,033	0,292	0,001	0,010	0,054	FALSE
0,039	0,294	0,002	0,012	0,051	FALSE
0,059	0,305	0,002	0,008	0,079	FALSE
0,126	0,294	0,004	0,010	0,178	TRUE
0,052	0,305	0,002	0,012	0,061	FALSE
0,069	0,298	0,001	0,007	0,081	FALSE
0,034	0,296	0,001	0,007	0,040	FALSE
0,016	0,311	0,000	0,009	0,014	FALSE
-0,044	0,306	-0,001	0,006	0,090	FALSE
0,015	0,308	0,001	0,008	0,040	FALSE
0,041	0,299	0,002	0,008	0,081	FALSE
0,019	0,305	0,001	0,012	0,017	FALSE
-0,111	0,292	-0,003	0,007	0,185	FALSE
-0,029	0,312	-0,001	0,013	0,022	FALSE
0,014	0,302	0,001	0,011	0,036	FALSE
-0,031	0,306	0,000	0,012	0,013	FALSE
-0,022	0,312	0,000	0,012	0,004	FALSE
0,014	0,296	0,001	0,011	0,044	FALSE

0,021	0,316	0,002	0,012	0,058	FALSE
0,017	0,313	0,002	0,012	0,050	FALSE
-0,059	0,305	-0,002	0,008	0,087	FALSE
-0,067	0,304	-0,003	0,013	0,092	FALSE
-0,020	0,299	0,000	0,007	0,016	FALSE
0,100	0,291	0,005	0,012	0,167	FALSE
-0,094	0,302	-0,004	0,011	0,127	FALSE
-0,004	0,304	0,000	0,010	0,017	FALSE
0,023	0,310	0,001	0,007	0,049	FALSE
-0,069	0,313	-0,001	0,007	0,074	FALSE
-0,027	0,312	-0,001	0,010	0,039	FALSE
0,216	0,291	0,006	0,008	0,362	FALSE
-0,161	0,294	-0,006	0,010	0,250	FALSE
-0,015	0,316	0,000	0,009	0,002	FALSE
-0,074	0,301	-0,003	0,012	0,093	FALSE
0,050	0,300	0,002	0,009	0,080	FALSE
0,049	0,312	0,002	0,011	0,061	FALSE
0,078	0,303	0,002	0,008	0,100	FALSE
-0,051	0,310	-0,002	0,008	0,078	FALSE
-0,083	0,314	-0,002	0,008	0,099	FALSE
-0,094	0,299	-0,003	0,011	0,116	FALSE
-0,093	0,313	-0,003	0,011	0,102	FALSE
-0,012	0,304	0,000	0,009	0,006	FALSE
-0,138	0,308	-0,003	0,007	0,152	FALSE
-0,115	0,309	-0,005	0,013	0,153	FALSE
-0,023	0,299	-0,001	0,007	0,042	FALSE
-0,085	0,297	-0,002	0,008	0,088	FALSE
0,043	0,318	0,002	0,009	0,072	FALSE
0,112	0,312	0,004	0,011	0,171	FALSE
-0,083	0,312	-0,001	0,007	0,074	FALSE
0,042	0,316	0,001	0,008	0,041	FALSE
0,002	0,304	0,000	0,009	0,006	FALSE
-0,055	0,301	-0,002	0,009	0,085	FALSE
0,102	0,300	0,003	0,009	0,160	FALSE
-0,016	0,311	0,000	0,010	0,005	FALSE
-0,013	0,304	0,000	0,012	0,001	FALSE
-0,020	0,316	0,000	0,008	0,006	FALSE
-0,128	0,305	-0,003	0,006	0,194	FALSE
-0,060	0,308	-0,001	0,009	0,058	FALSE
0,050	0,315	0,001	0,007	0,065	FALSE
0,022	0,310	0,001	0,012	0,042	FALSE
0,002	0,313	0,001	0,013	0,023	FALSE
0,053	0,312	0,003	0,012	0,090	FALSE
0,004	0,319	0,000	0,013	0,013	FALSE
-0,087	0,299	-0,001	0,007	0,077	FALSE
0,034	0,303	0,001	0,007	0,053	FALSE
0,033	0,309	0,001	0,006	0,055	FALSE
0,017	0,316	0,000	0,012	0,014	FALSE
-0,021	0,301	-0,001	0,010	0,037	FALSE
0,017	0,309	0,000	0,012	0,009	FALSE
-0,017	0,302	-0,001	0,012	0,020	FALSE
0,039	0,308	0,001	0,010	0,026	FALSE
0,065	0,310	0,002	0,009	0,062	FALSE

0,025	0,310	0,001	0,007	0,038	FALSE
-0,065	0,296	-0,003	0,013	0,101	FALSE
-0,035	0,306	-0,002	0,012	0,046	FALSE
0,034	0,310	0,001	0,007	0,036	FALSE
-0,066	0,300	-0,003	0,012	0,093	FALSE
-0,040	0,311	-0,001	0,012	0,031	FALSE
-0,010	0,294	0,000	0,012	0,007	FALSE
0,022	0,318	0,000	0,008	0,019	FALSE
-0,109	0,299	-0,002	0,006	0,101	FALSE
-0,034	0,317	-0,001	0,008	0,048	FALSE
-0,004	0,304	0,000	0,007	0,003	FALSE
0,010	0,295	0,000	0,007	0,011	FALSE
-0,091	0,306	-0,004	0,013	0,115	FALSE
0,084	0,294	0,002	0,006	0,130	FALSE
-0,003	0,320	0,000	0,007	0,016	FALSE
0,102	0,313	0,003	0,011	0,115	FALSE
0,084	0,317	0,002	0,007	0,111	FALSE
0,014	0,302	0,000	0,007	0,004	FALSE
0,002	0,306	0,001	0,011	0,018	FALSE
0,163	0,305	0,004	0,007	0,229	FALSE
0,030	0,307	0,001	0,007	0,038	FALSE
0,059	0,314	0,001	0,007	0,082	FALSE
-0,137	0,288	-0,003	0,006	0,175	FALSE
-0,059	0,305	-0,001	0,010	0,053	FALSE
-0,008	0,310	-0,001	0,013	0,019	FALSE
0,086	0,313	0,002	0,007	0,112	FALSE
-0,001	0,306	0,000	0,007	0,015	FALSE
0,017	0,316	0,001	0,009	0,025	FALSE
0,088	0,309	0,002	0,007	0,094	FALSE
-0,113	0,300	-0,003	0,008	0,133	FALSE
0,021	0,308	0,000	0,013	0,007	FALSE
-0,073	0,301	-0,001	0,007	0,065	FALSE
0,132	0,310	0,004	0,009	0,163	FALSE
0,160	0,313	0,004	0,009	0,204	FALSE
-0,066	0,298	-0,002	0,010	0,065	FALSE
-0,005	0,306	0,000	0,011	0,012	FALSE
0,126	0,309	0,004	0,010	0,172	FALSE
0,072	0,300	0,002	0,012	0,073	FALSE
0,177	0,303	0,006	0,010	0,254	FALSE
-0,011	0,313	0,000	0,012	0,000	FALSE
0,022	0,294	0,000	0,008	0,011	FALSE
-0,108	0,301	-0,003	0,007	0,137	FALSE
0,007	0,310	0,000	0,013	0,001	FALSE
0,066	0,307	0,002	0,009	0,082	FALSE
-0,045	0,298	-0,001	0,007	0,038	FALSE
0,049	0,313	0,002	0,013	0,062	FALSE
0,105	0,288	0,003	0,009	0,114	FALSE
-0,007	0,297	0,000	0,008	0,005	FALSE
0,032	0,300	0,001	0,012	0,025	FALSE
0,027	0,313	0,001	0,010	0,032	FALSE
0,044	0,298	0,001	0,006	0,040	FALSE
0,007	0,285	-0,001	0,010	0,038	FALSE
0,090	0,301	0,002	0,008	0,105	FALSE

-0,131	0,312	-0,004	0,009	0,182	FALSE
0,062	0,311	0,002	0,009	0,080	FALSE
-0,034	0,316	-0,001	0,009	0,042	FALSE
0,018	0,312	0,001	0,007	0,029	FALSE
0,040	0,322	0,001	0,011	0,033	FALSE
0,065	0,316	0,002	0,008	0,077	FALSE
0,020	0,307	0,000	0,012	0,001	FALSE
-0,003	0,321	0,000	0,008	0,020	FALSE
0,092	0,300	0,002	0,008	0,105	FALSE
-0,009	0,327	0,000	0,009	0,011	FALSE
0,021	0,315	0,000	0,009	0,019	FALSE
0,006	0,310	0,000	0,009	0,004	FALSE
0,136	0,300	0,003	0,006	0,169	FALSE
0,173	0,304	0,004	0,007	0,232	FALSE
-0,029	0,311	-0,001	0,008	0,051	FALSE
-0,170	0,291	-0,004	0,007	0,257	FALSE
-0,067	0,315	-0,002	0,009	0,091	FALSE
0,012	0,306	0,000	0,009	0,006	FALSE
-0,111	0,314	-0,003	0,009	0,136	FALSE
0,044	0,312	0,001	0,009	0,043	FALSE
-0,062	0,320	-0,002	0,008	0,091	FALSE
0,046	0,309	0,002	0,007	0,078	FALSE
-0,124	0,300	-0,003	0,008	0,145	FALSE
0,043	0,306	0,001	0,008	0,045	FALSE
0,018	0,302	0,000	0,008	0,018	FALSE
0,059	0,316	0,001	0,008	0,061	FALSE
-0,081	0,307	-0,002	0,009	0,105	FALSE
-0,028	0,305	-0,001	0,009	0,020	FALSE
-0,034	0,317	-0,001	0,007	0,043	FALSE
-0,015	0,298	-0,001	0,012	0,016	FALSE
0,081	0,300	0,002	0,007	0,128	FALSE
0,058	0,316	0,002	0,013	0,068	FALSE
0,025	0,300	0,001	0,009	0,024	FALSE
0,034	0,324	0,001	0,012	0,041	FALSE
-0,001	0,303	0,000	0,013	0,014	FALSE
0,023	0,297	0,002	0,012	0,051	FALSE
0,011	0,310	0,001	0,007	0,030	FALSE
-0,047	0,307	-0,002	0,013	0,058	FALSE
0,092	0,301	0,003	0,009	0,142	FALSE
0,015	0,311	0,001	0,006	0,035	FALSE
-0,001	0,313	0,000	0,009	0,014	FALSE
0,107	0,326	0,005	0,013	0,169	FALSE
-0,215	0,304	-0,006	0,008	0,330	FALSE
-0,216	0,297	-0,005	0,007	0,336	FALSE
-0,218	0,302	-0,006	0,008	0,330	FALSE
0,055	0,298	0,002	0,009	0,089	FALSE
-0,207	0,311	-0,005	0,007	0,309	FALSE
-0,045	0,304	-0,002	0,012	0,063	FALSE
-0,035	0,310	-0,001	0,013	0,039	FALSE
0,055	0,314	0,002	0,011	0,063	FALSE
-0,094	0,313	-0,004	0,012	0,133	FALSE
-0,060	0,312	-0,001	0,007	0,083	FALSE
0,004	0,301	0,000	0,012	0,013	FALSE

-0,016	0,300	-0,001	0,012	0,039	FALSE
-0,020	0,313	-0,001	0,012	0,040	FALSE
0,046	0,303	0,001	0,011	0,042	FALSE
0,022	0,315	0,000	0,007	0,024	FALSE
0,125	0,306	0,003	0,007	0,188	FALSE
0,008	0,320	0,000	0,009	0,007	FALSE
-0,057	0,294	-0,001	0,007	0,053	FALSE
0,017	0,314	0,000	0,009	0,013	FALSE
0,017	0,301	0,001	0,008	0,034	FALSE
-0,032	0,288	-0,001	0,009	0,037	FALSE
0,058	0,315	0,003	0,011	0,093	FALSE
-0,032	0,292	-0,001	0,007	0,031	FALSE
0,155	0,305	0,007	0,013	0,217	FALSE
0,012	0,292	0,000	0,012	0,005	FALSE
-0,012	0,290	-0,001	0,007	0,027	FALSE
0,001	0,298	0,000	0,012	0,011	FALSE
0,035	0,311	0,001	0,010	0,049	FALSE
0,001	0,304	0,000	0,011	0,001	FALSE
0,033	0,304	0,002	0,011	0,050	FALSE
-0,022	0,312	0,000	0,007	0,006	FALSE
0,016	0,300	0,002	0,012	0,049	FALSE
0,023	0,312	0,001	0,012	0,019	FALSE
-0,022	0,298	-0,001	0,012	0,034	FALSE
-0,088	0,313	-0,004	0,011	0,126	FALSE
0,113	0,309	0,005	0,013	0,172	FALSE
-0,031	0,290	-0,001	0,012	0,036	FALSE
-0,001	0,307	0,000	0,008	0,004	FALSE
0,042	0,313	0,002	0,013	0,047	FALSE
0,040	0,303	0,001	0,007	0,037	FALSE
0,002	0,306	0,000	0,012	0,011	FALSE
-0,030	0,315	-0,001	0,009	0,029	FALSE
0,242	0,286	0,009	0,010	0,407	FALSE
0,219	0,292	0,008	0,010	0,336	FALSE
-0,091	0,288	-0,004	0,009	0,160	FALSE
-0,099	0,307	-0,004	0,010	0,177	FALSE
0,004	0,299	0,000	0,010	0,011	FALSE
0,069	0,305	0,003	0,012	0,109	FALSE
-0,055	0,305	-0,003	0,010	0,115	FALSE
0,018	0,308	0,001	0,009	0,055	FALSE
-0,072	0,296	-0,002	0,010	0,084	FALSE
-0,061	0,303	-0,002	0,007	0,083	FALSE
-0,036	0,310	-0,001	0,009	0,029	FALSE
-0,013	0,309	-0,001	0,012	0,027	FALSE
-0,001	0,317	0,000	0,013	0,010	FALSE
-0,008	0,306	0,000	0,009	0,005	FALSE
-0,028	0,307	-0,002	0,012	0,052	FALSE
-0,171	0,306	-0,006	0,011	0,239	FALSE
0,028	0,305	0,001	0,013	0,031	FALSE
0,054	0,312	0,003	0,009	0,105	FALSE
-0,002	0,306	0,000	0,012	0,010	FALSE
0,035	0,307	0,001	0,011	0,020	FALSE
0,001	0,296	-0,001	0,009	0,025	FALSE
0,048	0,311	0,001	0,009	0,053	FALSE

-0,052	0,311	-0,002	0,009	0,080	FALSE
0,002	0,304	0,000	0,009	0,002	FALSE
-0,025	0,294	0,000	0,006	0,024	FALSE
-0,129	0,301	-0,005	0,010	0,183	FALSE
0,157	0,296	0,006	0,010	0,242	FALSE
-0,119	0,297	-0,003	0,008	0,166	FALSE
-0,117	0,312	-0,004	0,009	0,174	FALSE
0,096	0,311	0,003	0,011	0,114	FALSE
0,169	0,293	0,007	0,011	0,257	FALSE
0,025	0,309	0,001	0,013	0,043	FALSE
-0,071	0,309	-0,004	0,012	0,112	FALSE
0,195	0,304	0,006	0,010	0,277	FALSE
0,024	0,305	0,001	0,009	0,033	FALSE
-0,007	0,313	0,000	0,008	0,011	FALSE
-0,006	0,315	0,000	0,012	0,014	FALSE
-0,007	0,319	0,000	0,012	0,013	FALSE
-0,088	0,311	-0,002	0,008	0,108	FALSE
-0,045	0,311	-0,001	0,009	0,033	FALSE
-0,093	0,315	-0,002	0,008	0,093	FALSE
-0,045	0,309	-0,001	0,010	0,037	FALSE
-0,025	0,307	0,000	0,008	0,008	FALSE
-0,030	0,316	-0,001	0,011	0,028	FALSE
-0,077	0,308	-0,002	0,011	0,086	FALSE
-0,044	0,317	-0,002	0,012	0,058	FALSE
0,009	0,315	0,000	0,007	0,002	FALSE
0,020	0,305	0,001	0,011	0,027	FALSE
-0,044	0,295	-0,002	0,012	0,051	FALSE
0,050	0,309	0,001	0,006	0,052	FALSE
-0,008	0,312	0,000	0,007	0,003	FALSE
0,089	0,302	0,004	0,012	0,130	FALSE
-0,037	0,309	-0,001	0,009	0,033	FALSE
0,032	0,311	0,001	0,009	0,045	FALSE
-0,160	0,301	-0,006	0,012	0,223	FALSE
-0,010	0,312	0,000	0,010	0,011	FALSE
0,021	0,303	0,001	0,009	0,029	FALSE
0,148	0,293	0,004	0,009	0,184	FALSE
-0,150	0,313	-0,006	0,013	0,204	FALSE
-0,167	0,298	-0,007	0,013	0,249	FALSE
0,102	0,307	0,004	0,012	0,134	FALSE
-0,002	0,316	0,000	0,012	0,002	FALSE
0,150	0,294	0,005	0,009	0,250	FALSE
-0,080	0,297	-0,002	0,008	0,096	FALSE
0,052	0,314	0,002	0,012	0,070	FALSE
-0,228	0,300	-0,006	0,009	0,331	FALSE
-0,256	0,282	-0,007	0,008	0,439	FALSE
0,145	0,313	0,005	0,011	0,193	FALSE
-0,081	0,298	-0,002	0,008	0,104	FALSE
-0,080	0,312	-0,003	0,009	0,121	FALSE
-0,003	0,307	0,000	0,010	0,014	FALSE
0,004	0,302	0,000	0,011	0,012	FALSE
0,018	0,294	0,000	0,010	0,007	FALSE
-0,009	0,307	-0,001	0,011	0,032	FALSE
-0,030	0,302	-0,001	0,008	0,037	FALSE

0,009	0,310	0,000	0,011	0,006	FALSE
-0,060	0,305	-0,002	0,012	0,057	FALSE
0,040	0,319	0,001	0,009	0,047	FALSE
-0,074	0,320	-0,003	0,013	0,079	FALSE
-0,180	0,292	-0,004	0,007	0,240	FALSE
-0,192	0,294	-0,004	0,007	0,262	FALSE
-0,020	0,295	-0,001	0,010	0,036	FALSE
-0,090	0,307	-0,003	0,010	0,108	FALSE
0,008	0,318	0,000	0,008	0,000	FALSE
0,024	0,305	0,000	0,008	0,011	FALSE
0,029	0,305	0,001	0,008	0,040	FALSE
-0,091	0,300	-0,003	0,009	0,144	FALSE
-0,016	0,306	-0,001	0,008	0,033	FALSE
-0,099	0,305	-0,003	0,009	0,140	FALSE
-0,013	0,304	0,000	0,007	0,007	FALSE
0,017	0,323	0,001	0,009	0,035	FALSE
0,050	0,305	0,002	0,012	0,072	FALSE
-0,086	0,297	-0,003	0,010	0,131	FALSE
-0,065	0,308	-0,002	0,009	0,093	FALSE
-0,086	0,308	-0,002	0,007	0,106	FALSE
-0,077	0,314	-0,003	0,013	0,080	FALSE
0,095	0,328	0,004	0,010	0,144	FALSE
-0,130	0,298	-0,005	0,010	0,197	FALSE
-0,032	0,297	-0,001	0,006	0,031	FALSE
0,034	0,305	0,001	0,012	0,045	FALSE
0,138	0,299	0,003	0,006	0,158	FALSE
0,115	0,291	0,002	0,007	0,133	FALSE
-0,064	0,304	-0,002	0,007	0,100	FALSE
0,006	0,307	0,000	0,011	0,001	FALSE
0,024	0,309	0,001	0,010	0,052	FALSE
0,125	0,294	0,005	0,011	0,168	FALSE
-0,001	0,309	0,000	0,010	0,011	FALSE
0,071	0,316	0,001	0,006	0,080	FALSE
-0,061	0,278	-0,002	0,008	0,091	FALSE
-0,030	0,298	-0,001	0,007	0,027	FALSE
0,095	0,307	0,002	0,009	0,098	FALSE
0,069	0,312	0,002	0,007	0,107	FALSE
-0,060	0,301	-0,002	0,009	0,070	FALSE
0,092	0,308	0,002	0,007	0,143	FALSE
0,119	0,304	0,004	0,011	0,153	FALSE
-0,212	0,297	-0,007	0,009	0,326	FALSE
0,139	0,310	0,006	0,012	0,204	FALSE
0,205	0,314	0,004	0,007	0,298	FALSE
0,118	0,312	0,003	0,008	0,186	FALSE
0,153	0,294	0,007	0,012	0,259	FALSE
-0,183	0,306	-0,007	0,010	0,305	FALSE
-0,147	0,299	-0,007	0,012	0,256	FALSE
0,095	0,308	0,003	0,009	0,163	FALSE
0,156	0,313	0,005	0,009	0,252	FALSE
0,032	0,312	0,001	0,009	0,032	FALSE
-0,020	0,292	-0,001	0,008	0,058	FALSE
0,126	0,316	0,003	0,007	0,186	FALSE
0,134	0,296	0,005	0,012	0,159	FALSE

0,134	0,297	0,005	0,012	0,156	FALSE
0,022	0,302	0,000	0,006	0,022	FALSE
0,090	0,312	0,004	0,013	0,119	FALSE
0,046	0,315	0,001	0,012	0,044	FALSE
-0,125	0,315	-0,005	0,013	0,171	FALSE
-0,038	0,313	-0,001	0,008	0,056	FALSE
0,056	0,305	0,003	0,013	0,084	FALSE
-0,088	0,307	-0,002	0,008	0,086	FALSE
-0,034	0,302	-0,001	0,007	0,040	FALSE
0,046	0,314	0,002	0,013	0,049	FALSE
0,012	0,319	0,000	0,012	0,002	FALSE
0,057	0,299	0,002	0,008	0,091	FALSE
-0,020	0,312	0,000	0,010	0,013	FALSE
0,179	0,298	0,004	0,008	0,205	FALSE
0,019	0,308	0,000	0,009	0,008	FALSE
-0,007	0,308	-0,001	0,007	0,036	FALSE
0,200	0,296	0,007	0,012	0,263	FALSE
-0,003	0,302	0,000	0,007	0,010	FALSE
0,084	0,296	0,003	0,008	0,133	FALSE
0,013	0,301	0,000	0,007	0,007	FALSE
-0,021	0,308	-0,001	0,008	0,044	FALSE
-0,038	0,309	-0,002	0,011	0,073	FALSE
-0,113	0,312	-0,002	0,008	0,124	FALSE
-0,140	0,302	-0,006	0,011	0,224	FALSE
-0,009	0,309	0,000	0,007	0,023	FALSE
0,015	0,313	0,000	0,007	0,011	FALSE
0,122	0,313	0,003	0,008	0,134	FALSE
0,147	0,288	0,003	0,008	0,176	FALSE
-0,065	0,310	-0,002	0,011	0,063	FALSE
0,124	0,300	0,006	0,012	0,183	FALSE
-0,172	0,292	-0,006	0,010	0,254	FALSE
-0,065	0,302	-0,001	0,007	0,059	FALSE
-0,009	0,310	0,000	0,013	0,010	FALSE
-0,034	0,316	-0,001	0,010	0,023	FALSE
0,000	0,315	0,000	0,011	0,014	FALSE
-0,051	0,301	-0,001	0,007	0,049	FALSE
-0,030	0,320	-0,001	0,012	0,037	FALSE
0,079	0,307	0,003	0,009	0,114	FALSE
0,074	0,297	0,002	0,009	0,097	FALSE
0,057	0,308	0,002	0,009	0,092	FALSE
0,024	0,294	0,000	0,011	0,001	FALSE
0,003	0,313	0,000	0,008	0,002	FALSE
-0,051	0,316	-0,002	0,011	0,064	FALSE
0,071	0,295	0,003	0,012	0,104	FALSE
0,097	0,316	0,002	0,007	0,129	FALSE
0,032	0,316	0,001	0,009	0,038	FALSE
-0,058	0,302	-0,002	0,009	0,064	FALSE
-0,014	0,297	-0,001	0,006	0,028	FALSE
0,061	0,322	0,001	0,008	0,064	FALSE
0,030	0,322	0,001	0,007	0,027	FALSE
-0,020	0,314	-0,001	0,007	0,033	FALSE
-0,013	0,303	0,000	0,011	0,011	FALSE
-0,061	0,308	-0,003	0,013	0,074	FALSE

-0,010	0,308	0,000	0,012	0,006	FALSE
-0,066	0,315	-0,003	0,011	0,086	FALSE
0,044	0,310	0,001	0,009	0,058	FALSE
-0,050	0,308	-0,001	0,007	0,050	FALSE
-0,042	0,313	-0,001	0,011	0,043	FALSE
-0,011	0,310	-0,001	0,011	0,019	FALSE
-0,088	0,313	-0,003	0,012	0,086	FALSE
-0,052	0,307	-0,001	0,011	0,031	FALSE
0,109	0,312	0,003	0,010	0,116	FALSE
0,009	0,294	0,000	0,007	0,001	FALSE
-0,066	0,303	-0,002	0,009	0,064	FALSE
-0,013	0,318	-0,001	0,011	0,023	FALSE
-0,058	0,323	-0,002	0,011	0,072	FALSE
-0,066	0,300	-0,002	0,009	0,064	FALSE
-0,027	0,306	0,000	0,011	0,004	FALSE
-0,049	0,304	-0,001	0,011	0,038	FALSE
-0,130	0,304	-0,003	0,007	0,198	FALSE
0,046	0,316	0,001	0,012	0,044	FALSE
-0,039	0,298	-0,001	0,007	0,027	FALSE
-0,040	0,308	-0,001	0,008	0,036	FALSE
0,076	0,309	0,001	0,007	0,078	FALSE
-0,038	0,301	-0,001	0,011	0,047	FALSE
0,039	0,310	0,001	0,009	0,038	FALSE
-0,115	0,299	-0,005	0,012	0,165	FALSE
-0,114	0,298	-0,004	0,011	0,149	FALSE
-0,023	0,297	-0,001	0,012	0,025	FALSE
0,028	0,313	0,001	0,009	0,055	FALSE
-0,092	0,305	-0,003	0,010	0,132	FALSE
0,050	0,303	0,002	0,008	0,066	FALSE
-0,070	0,303	-0,003	0,012	0,091	FALSE
-0,067	0,304	-0,002	0,012	0,077	FALSE
-0,082	0,305	-0,002	0,008	0,117	FALSE
-0,066	0,310	-0,002	0,008	0,085	FALSE
0,016	0,305	0,000	0,007	0,024	FALSE
-0,101	0,302	-0,003	0,010	0,136	FALSE
0,080	0,297	0,003	0,009	0,104	FALSE
-0,016	0,310	0,000	0,007	0,007	FALSE
-0,005	0,300	-0,001	0,012	0,017	FALSE
0,041	0,308	0,001	0,008	0,046	FALSE
-0,047	0,306	-0,001	0,008	0,067	FALSE
-0,062	0,301	-0,004	0,012	0,145	FALSE
-0,055	0,304	-0,004	0,012	0,121	FALSE
-0,037	0,305	-0,001	0,007	0,069	FALSE
0,057	0,315	0,002	0,010	0,061	FALSE
-0,008	0,312	-0,001	0,012	0,029	FALSE
0,094	0,304	0,003	0,007	0,176	FALSE
0,034	0,324	0,001	0,011	0,036	FALSE
0,002	0,308	0,000	0,011	0,011	FALSE
0,032	0,314	0,001	0,011	0,021	FALSE
0,117	0,309	0,003	0,009	0,143	FALSE
-0,067	0,314	-0,002	0,008	0,083	FALSE
-0,045	0,319	-0,001	0,007	0,074	FALSE
-0,093	0,315	-0,002	0,007	0,118	FALSE

-0,063	0,313	-0,001	0,007	0,083	FALSE
-0,143	0,307	-0,005	0,009	0,205	FALSE
-0,033	0,305	0,000	0,008	0,014	FALSE
0,057	0,297	0,001	0,008	0,057	FALSE
-0,005	0,305	0,000	0,008	0,006	FALSE
-0,002	0,328	0,000	0,009	0,005	FALSE
0,020	0,307	0,001	0,012	0,046	FALSE
-0,065	0,304	-0,002	0,008	0,096	FALSE
-0,061	0,305	-0,003	0,012	0,084	FALSE
-0,039	0,322	0,000	0,006	0,020	FALSE
-0,009	0,314	0,000	0,009	0,001	FALSE
-0,092	0,319	-0,002	0,006	0,111	FALSE
0,003	0,294	0,000	0,008	0,006	FALSE
-0,004	0,305	0,000	0,008	0,003	FALSE
-0,119	0,293	-0,004	0,009	0,184	FALSE
0,021	0,295	0,001	0,009	0,025	FALSE
0,080	0,302	0,003	0,010	0,106	FALSE
-0,204	0,289	-0,007	0,009	0,323	FALSE
-0,039	0,301	-0,002	0,010	0,059	FALSE
-0,055	0,309	-0,003	0,010	0,103	FALSE
-0,082	0,307	-0,003	0,010	0,133	FALSE
-0,049	0,279	-0,002	0,007	0,092	FALSE
0,064	0,301	0,002	0,011	0,086	FALSE
-0,082	0,300	-0,002	0,007	0,123	FALSE
-0,042	0,307	-0,001	0,007	0,036	FALSE
0,021	0,298	0,000	0,008	0,008	FALSE
-0,039	0,328	-0,002	0,013	0,047	FALSE
0,023	0,301	0,000	0,008	0,012	FALSE
-0,154	0,310	-0,004	0,008	0,207	FALSE
0,085	0,299	0,003	0,009	0,111	FALSE
-0,042	0,313	-0,001	0,007	0,068	FALSE
0,018	0,320	0,001	0,013	0,021	FALSE
-0,002	0,324	0,000	0,013	0,007	FALSE
-0,011	0,323	0,000	0,013	0,009	FALSE
0,003	0,326	0,000	0,013	0,007	FALSE
-0,011	0,318	-0,001	0,013	0,019	FALSE
0,023	0,308	0,001	0,012	0,025	FALSE
-0,022	0,320	-0,001	0,013	0,029	TRUE
0,018	0,326	0,000	0,008	0,017	FALSE
0,190	0,286	0,005	0,008	0,305	FALSE
0,027	0,305	0,001	0,013	0,023	FALSE
-0,007	0,325	0,000	0,013	0,010	FALSE
-0,028	0,314	-0,001	0,013	0,027	FALSE
-0,025	0,321	-0,001	0,013	0,027	FALSE
0,010	0,317	0,000	0,013	0,003	FALSE
0,010	0,326	0,000	0,013	0,012	FALSE
0,008	0,317	0,000	0,012	0,004	FALSE
-0,019	0,306	-0,001	0,013	0,023	FALSE
0,010	0,318	0,000	0,013	0,003	FALSE
-0,030	0,324	-0,001	0,013	0,039	FALSE
-0,004	0,323	0,000	0,013	0,009	FALSE
0,005	0,324	0,000	0,013	0,002	FALSE
-0,008	0,316	0,000	0,013	0,013	FALSE

0,027	0,303	0,001	0,012	0,029	FALSE
0,009	0,304	0,000	0,012	0,008	FALSE
-0,007	0,322	-0,001	0,013	0,014	FALSE
-0,029	0,308	-0,001	0,013	0,042	FALSE
0,075	0,299	0,002	0,007	0,092	FALSE
-0,007	0,302	-0,001	0,012	0,030	FALSE
0,052	0,309	0,001	0,007	0,073	FALSE
-0,022	0,299	0,000	0,008	0,016	FALSE
-0,024	0,304	0,000	0,008	0,008	FALSE
0,072	0,312	0,001	0,006	0,081	FALSE
0,096	0,306	0,002	0,007	0,098	FALSE
0,060	0,300	0,001	0,008	0,059	FALSE
0,054	0,303	0,001	0,008	0,063	FALSE
0,072	0,295	0,002	0,007	0,096	FALSE
-0,122	0,310	-0,003	0,006	0,173	FALSE
-0,161	0,296	-0,005	0,009	0,219	FALSE
0,022	0,310	0,001	0,009	0,023	FALSE
-0,143	0,300	-0,003	0,007	0,196	FALSE
0,025	0,300	0,001	0,010	0,033	FALSE
-0,005	0,311	-0,001	0,011	0,023	FALSE
0,020	0,302	0,001	0,011	0,018	FALSE
0,024	0,308	0,001	0,012	0,028	FALSE
-0,079	0,308	-0,003	0,012	0,103	FALSE
-0,046	0,313	-0,002	0,012	0,058	FALSE
0,011	0,301	0,000	0,009	0,013	FALSE
-0,105	0,315	-0,005	0,012	0,154	FALSE
0,021	0,315	0,000	0,012	0,006	FALSE
-0,092	0,313	-0,003	0,010	0,138	FALSE
-0,131	0,316	-0,003	0,008	0,192	FALSE
-0,009	0,291	0,000	0,012	0,004	FALSE
0,099	0,306	0,002	0,007	0,128	FALSE
0,028	0,315	0,001	0,013	0,029	FALSE
0,009	0,317	0,000	0,012	0,012	FALSE
0,039	0,321	0,002	0,013	0,044	FALSE
-0,016	0,332	-0,001	0,013	0,015	FALSE
0,036	0,317	0,002	0,013	0,043	FALSE
0,027	0,314	0,001	0,013	0,031	FALSE
0,013	0,315	0,000	0,013	0,011	FALSE
-0,012	0,321	-0,001	0,013	0,017	FALSE
-0,031	0,305	-0,001	0,012	0,040	FALSE
-0,018	0,310	-0,001	0,012	0,032	FALSE
-0,038	0,305	-0,001	0,007	0,050	FALSE
-0,044	0,300	-0,002	0,009	0,064	FALSE
0,029	0,323	0,001	0,013	0,026	FALSE
0,009	0,310	0,000	0,012	0,005	FALSE
0,005	0,319	0,000	0,013	0,009	FALSE
0,017	0,323	0,001	0,013	0,019	FALSE
0,015	0,326	0,001	0,013	0,017	FALSE
0,060	0,296	0,001	0,009	0,048	FALSE
0,054	0,321	0,002	0,009	0,082	FALSE
0,009	0,314	0,000	0,012	0,006	FALSE
0,037	0,322	0,002	0,013	0,041	FALSE
0,022	0,328	0,001	0,013	0,021	FALSE

-0,022	0,313	-0,001	0,012	0,028	FALSE
0,000	0,318	0,000	0,013	0,008	FALSE
-0,026	0,302	-0,001	0,012	0,028	FALSE
0,009	0,286	0,000	0,006	0,024	FALSE
0,080	0,313	0,002	0,007	0,084	FALSE
0,036	0,310	0,001	0,012	0,041	FALSE
0,008	0,318	0,000	0,013	0,011	FALSE
-0,002	0,319	0,000	0,013	0,005	FALSE
-0,083	0,304	-0,004	0,011	0,155	FALSE
-0,031	0,304	0,000	0,010	0,010	FALSE
0,046	0,292	0,001	0,009	0,053	FALSE
0,031	0,298	0,001	0,010	0,034	FALSE
0,041	0,288	0,001	0,008	0,047	FALSE
-0,071	0,306	-0,003	0,009	0,106	FALSE
-0,055	0,309	-0,002	0,009	0,082	FALSE
0,085	0,317	0,003	0,010	0,107	FALSE
0,044	0,291	0,001	0,008	0,068	FALSE
-0,022	0,315	-0,001	0,009	0,025	FALSE
-0,003	0,294	-0,001	0,012	0,034	FALSE
0,069	0,303	0,002	0,006	0,097	FALSE
-0,132	0,314	-0,004	0,010	0,164	FALSE
0,042	0,312	0,002	0,012	0,052	FALSE
0,010	0,321	0,000	0,013	0,000	FALSE
0,011	0,317	0,000	0,013	0,007	FALSE
0,010	0,315	0,000	0,013	0,006	FALSE
-0,088	0,312	-0,002	0,010	0,088	FALSE
0,126	0,306	0,004	0,008	0,190	FALSE
0,068	0,309	0,001	0,007	0,045	FALSE
-0,139	0,309	-0,004	0,010	0,165	FALSE
-0,005	0,317	0,000	0,007	0,022	FALSE
-0,022	0,302	-0,001	0,007	0,049	FALSE
0,002	0,316	-0,001	0,007	0,038	FALSE
-0,001	0,292	0,000	0,007	0,025	FALSE
-0,010	0,306	-0,001	0,007	0,029	FALSE
0,016	0,314	0,000	0,008	0,000	FALSE
0,005	0,309	0,000	0,007	0,024	FALSE
0,001	0,304	-0,001	0,007	0,027	FALSE
0,019	0,299	0,000	0,007	0,002	FALSE
-0,060	0,316	-0,003	0,013	0,101	FALSE
-0,046	0,323	0,000	0,007	0,023	FALSE
0,071	0,310	0,001	0,008	0,058	FALSE
-0,058	0,309	-0,003	0,012	0,097	FALSE
0,076	0,308	0,003	0,012	0,085	FALSE
0,047	0,308	0,002	0,012	0,059	FALSE
-0,010	0,317	-0,001	0,013	0,019	FALSE
-0,008	0,299	0,000	0,012	0,004	FALSE
0,006	0,324	0,000	0,013	0,005	FALSE
-0,016	0,329	-0,001	0,014	0,030	FALSE
0,002	0,311	0,000	0,013	0,004	FALSE
-0,006	0,323	-0,001	0,013	0,016	FALSE
-0,030	0,316	-0,002	0,013	0,044	FALSE
-0,037	0,313	-0,002	0,013	0,062	FALSE
-0,017	0,313	-0,001	0,013	0,019	FALSE

-0,033	0,314	-0,002	0,013	0,046	FALSE
-0,030	0,312	-0,001	0,007	0,034	FALSE
-0,065	0,319	-0,002	0,008	0,074	FALSE
0,080	0,297	0,001	0,007	0,065	FALSE
0,066	0,304	0,001	0,008	0,044	FALSE
-0,051	0,316	-0,003	0,013	0,074	FALSE
-0,024	0,312	-0,001	0,012	0,034	FALSE
-0,062	0,325	-0,002	0,008	0,082	FALSE
-0,029	0,295	-0,001	0,010	0,039	FALSE
0,067	0,306	0,001	0,007	0,077	FALSE
0,058	0,317	0,002	0,011	0,076	FALSE
0,047	0,309	0,001	0,008	0,055	FALSE
0,147	0,303	0,003	0,007	0,214	FALSE
-0,041	0,310	-0,002	0,012	0,060	FALSE
0,026	0,295	0,001	0,009	0,033	FALSE
-0,054	0,304	-0,001	0,008	0,058	FALSE
0,053	0,316	0,001	0,009	0,059	FALSE
-0,039	0,311	-0,001	0,007	0,054	FALSE
-0,047	0,318	-0,002	0,012	0,058	FALSE
0,125	0,292	0,005	0,010	0,197	FALSE
0,021	0,303	0,000	0,007	0,011	FALSE
0,026	0,308	0,002	0,012	0,057	FALSE
0,045	0,313	0,002	0,011	0,081	FALSE
-0,017	0,317	0,000	0,007	0,024	FALSE
-0,107	0,306	-0,004	0,011	0,164	FALSE
-0,118	0,308	-0,005	0,011	0,191	FALSE
-0,103	0,307	-0,002	0,008	0,106	FALSE
-0,050	0,308	-0,002	0,011	0,069	FALSE
-0,048	0,311	-0,001	0,007	0,055	FALSE
0,077	0,299	0,003	0,009	0,125	FALSE
0,073	0,311	0,002	0,008	0,088	FALSE
-0,055	0,292	-0,002	0,010	0,072	FALSE
0,059	0,305	0,003	0,011	0,091	FALSE
0,042	0,323	0,001	0,007	0,056	FALSE
0,074	0,280	0,002	0,009	0,078	FALSE
-0,138	0,304	-0,006	0,013	0,181	FALSE
-0,026	0,301	-0,001	0,012	0,035	FALSE
0,012	0,296	0,000	0,012	0,010	FALSE
0,008	0,296	0,000	0,012	0,006	FALSE
0,126	0,287	0,005	0,011	0,169	FALSE
0,094	0,307	0,004	0,012	0,117	FALSE
-0,120	0,308	-0,004	0,012	0,151	FALSE
0,004	0,305	0,000	0,012	0,004	FALSE
-0,082	0,308	-0,003	0,011	0,108	FALSE
-0,080	0,312	-0,003	0,010	0,091	FALSE
0,031	0,291	0,001	0,008	0,045	FALSE
0,030	0,308	0,001	0,012	0,044	FALSE
0,027	0,310	0,001	0,012	0,045	FALSE
0,054	0,318	0,001	0,007	0,058	FALSE
0,013	0,310	0,001	0,011	0,028	FALSE
-0,027	0,316	0,000	0,011	0,014	FALSE
0,002	0,318	0,000	0,012	0,007	FALSE
0,002	0,307	0,001	0,011	0,019	FALSE

0,018	0,311	0,000	0,011	0,005	FALSE
0,033	0,296	0,001	0,008	0,061	FALSE
0,053	0,311	0,001	0,007	0,068	FALSE
-0,137	0,301	-0,003	0,006	0,190	FALSE
-0,051	0,292	-0,002	0,010	0,059	FALSE
0,049	0,302	0,002	0,012	0,055	FALSE
0,024	0,307	0,001	0,012	0,023	FALSE
-0,086	0,290	-0,002	0,007	0,078	FALSE
-0,069	0,301	-0,001	0,008	0,050	FALSE
-0,079	0,295	-0,001	0,007	0,066	FALSE
0,062	0,307	0,002	0,010	0,087	FALSE
-0,037	0,301	-0,001	0,012	0,036	FALSE
0,024	0,311	0,001	0,009	0,030	FALSE
0,019	0,322	0,001	0,012	0,040	FALSE
-0,062	0,294	-0,001	0,010	0,055	FALSE
-0,064	0,319	-0,002	0,012	0,057	FALSE
-0,073	0,296	-0,003	0,011	0,111	FALSE
-0,022	0,322	-0,001	0,012	0,020	FALSE
-0,156	0,299	-0,004	0,008	0,215	FALSE
-0,036	0,308	-0,001	0,012	0,043	FALSE
-0,055	0,306	-0,003	0,011	0,085	FALSE
0,000	0,318	0,000	0,013	0,003	FALSE
0,044	0,304	0,002	0,012	0,048	FALSE
0,033	0,295	0,002	0,010	0,056	FALSE
-0,071	0,313	-0,001	0,008	0,056	FALSE
-0,035	0,300	-0,001	0,010	0,035	FALSE
-0,095	0,312	-0,002	0,007	0,125	FALSE
0,107	0,305	0,004	0,010	0,134	FALSE
0,124	0,305	0,006	0,012	0,187	FALSE
0,132	0,309	0,006	0,013	0,183	FALSE
0,110	0,304	0,005	0,012	0,163	FALSE
0,010	0,301	0,000	0,008	0,018	FALSE
-0,054	0,314	-0,001	0,008	0,062	FALSE
0,009	0,297	0,001	0,010	0,019	FALSE
-0,010	0,295	-0,001	0,010	0,021	FALSE
0,093	0,291	0,003	0,009	0,112	FALSE
-0,038	0,308	-0,001	0,007	0,033	FALSE
-0,023	0,299	-0,001	0,010	0,018	FALSE
0,113	0,296	0,003	0,009	0,126	FALSE
0,002	0,298	0,001	0,012	0,034	FALSE
-0,064	0,299	-0,003	0,012	0,101	FALSE
0,070	0,309	0,002	0,011	0,088	FALSE
-0,125	0,314	-0,005	0,013	0,156	FALSE
0,001	0,303	0,000	0,013	0,003	FALSE
-0,064	0,299	-0,001	0,008	0,055	FALSE
0,077	0,308	0,002	0,007	0,090	FALSE
0,039	0,311	0,001	0,008	0,040	FALSE
0,049	0,315	0,002	0,009	0,068	FALSE
0,053	0,298	0,001	0,008	0,052	FALSE
-0,042	0,311	-0,001	0,011	0,048	FALSE
-0,035	0,311	-0,001	0,009	0,054	FALSE
-0,014	0,297	0,000	0,008	0,009	FALSE
0,072	0,310	0,003	0,012	0,104	FALSE

0,010	0,292	0,001	0,010	0,033	FALSE
-0,096	0,305	-0,002	0,008	0,111	FALSE
-0,081	0,314	-0,003	0,012	0,078	FALSE
-0,003	0,303	0,000	0,010	0,015	FALSE
0,073	0,308	0,002	0,011	0,059	FALSE
-0,116	0,301	-0,002	0,008	0,110	FALSE
-0,106	0,315	-0,004	0,009	0,152	FALSE
0,011	0,302	0,000	0,006	0,009	FALSE
0,011	0,307	0,000	0,006	0,006	FALSE
-0,004	0,302	0,000	0,006	0,016	FALSE
0,013	0,307	0,001	0,011	0,033	FALSE
0,087	0,312	0,002	0,007	0,085	FALSE
0,008	0,307	0,000	0,007	0,001	FALSE
-0,028	0,309	-0,001	0,011	0,040	FALSE
-0,083	0,300	-0,001	0,007	0,075	FALSE
0,075	0,320	0,003	0,011	0,099	FALSE
0,135	0,310	0,006	0,013	0,198	FALSE
0,089	0,321	0,004	0,013	0,132	FALSE
0,099	0,309	0,005	0,013	0,149	FALSE
-0,095	0,301	-0,004	0,012	0,144	FALSE
0,024	0,310	0,001	0,007	0,034	FALSE
0,186	0,296	0,009	0,013	0,316	FALSE
0,049	0,310	0,001	0,007	0,078	FALSE
0,162	0,304	0,007	0,013	0,233	FALSE
0,181	0,309	0,008	0,013	0,283	FALSE
-0,145	0,290	-0,006	0,012	0,208	FALSE
-0,042	0,302	-0,001	0,009	0,041	FALSE
0,022	0,303	0,001	0,012	0,024	FALSE
-0,060	0,296	-0,002	0,009	0,072	FALSE
0,087	0,313	0,002	0,007	0,098	FALSE
0,021	0,312	0,000	0,013	0,007	FALSE
-0,103	0,306	-0,004	0,010	0,148	FALSE
0,096	0,314	0,002	0,007	0,105	FALSE
0,113	0,311	0,003	0,007	0,137	FALSE
-0,081	0,302	-0,003	0,009	0,115	FALSE
0,038	0,314	0,002	0,012	0,070	FALSE
0,115	0,324	0,004	0,011	0,153	FALSE
0,144	0,311	0,006	0,011	0,220	FALSE
-0,078	0,310	-0,003	0,010	0,101	FALSE
0,069	0,304	0,002	0,009	0,081	FALSE
0,007	0,322	-0,001	0,013	0,019	FALSE
0,021	0,306	0,000	0,012	0,011	FALSE
0,039	0,319	0,001	0,008	0,024	FALSE
0,046	0,302	0,002	0,010	0,067	FALSE
-0,045	0,312	-0,001	0,007	0,059	FALSE
-0,070	0,296	-0,002	0,008	0,075	FALSE
-0,091	0,321	-0,002	0,009	0,083	FALSE
-0,120	0,313	-0,003	0,010	0,136	FALSE
-0,129	0,307	-0,003	0,009	0,154	FALSE
0,030	0,301	0,001	0,008	0,032	FALSE
-0,194	0,306	-0,008	0,011	0,317	FALSE
0,038	0,303	0,001	0,008	0,043	FALSE
0,048	0,309	0,001	0,008	0,060	FALSE

0,064	0,312	0,001	0,008	0,064	FALSE
-0,028	0,322	-0,001	0,011	0,036	FALSE
0,043	0,305	0,001	0,009	0,053	FALSE
0,009	0,319	0,001	0,008	0,024	FALSE
-0,011	0,316	-0,001	0,013	0,016	FALSE
0,006	0,317	0,001	0,013	0,015	FALSE
0,091	0,313	0,003	0,012	0,111	FALSE
-0,019	0,313	0,000	0,008	0,015	FALSE
0,054	0,308	0,002	0,010	0,058	FALSE
-0,067	0,288	-0,004	0,011	0,145	FALSE
-0,043	0,296	-0,003	0,011	0,110	FALSE
0,070	0,318	0,003	0,012	0,103	FALSE
-0,026	0,306	-0,001	0,010	0,042	FALSE
-0,109	0,292	-0,004	0,009	0,202	FALSE
-0,062	0,303	-0,003	0,013	0,099	FALSE
0,073	0,297	0,001	0,006	0,079	FALSE
0,060	0,313	0,002	0,008	0,108	FALSE
-0,112	0,303	-0,002	0,007	0,138	FALSE
0,016	0,298	0,000	0,007	0,003	FALSE
0,014	0,318	0,000	0,012	0,008	FALSE
0,075	0,299	0,002	0,010	0,078	FALSE
0,007	0,305	0,000	0,011	0,005	FALSE
0,153	0,287	0,004	0,008	0,214	FALSE
0,012	0,326	0,000	0,011	0,013	FALSE
0,019	0,307	0,001	0,010	0,027	FALSE
0,024	0,303	0,001	0,010	0,040	FALSE
0,014	0,319	0,001	0,011	0,021	FALSE
0,012	0,313	0,000	0,010	0,004	FALSE
0,066	0,312	0,002	0,009	0,083	FALSE
0,154	0,303	0,003	0,007	0,204	FALSE
-0,052	0,298	-0,002	0,008	0,067	FALSE
-0,053	0,307	-0,001	0,007	0,066	FALSE
-0,017	0,306	0,000	0,007	0,022	FALSE
-0,036	0,318	-0,001	0,008	0,046	FALSE
-0,126	0,302	-0,004	0,008	0,193	FALSE
-0,089	0,318	-0,002	0,009	0,100	FALSE
-0,064	0,307	-0,002	0,009	0,083	FALSE
-0,136	0,302	-0,007	0,012	0,234	FALSE
-0,104	0,318	-0,005	0,013	0,165	FALSE
-0,042	0,314	-0,001	0,008	0,052	FALSE
-0,115	0,298	-0,006	0,012	0,189	FALSE
0,148	0,300	0,007	0,011	0,261	FALSE
-0,002	0,317	0,000	0,012	0,001	FALSE
0,009	0,309	0,000	0,012	0,013	FALSE
-0,069	0,314	-0,001	0,008	0,060	FALSE
-0,163	0,319	-0,004	0,007	0,212	FALSE
0,006	0,297	0,001	0,008	0,042	FALSE
0,097	0,303	0,002	0,006	0,098	FALSE
0,080	0,310	0,002	0,007	0,091	FALSE
0,074	0,298	0,001	0,006	0,079	FALSE
0,073	0,311	0,002	0,007	0,087	FALSE
0,068	0,301	0,002	0,008	0,091	FALSE
-0,138	0,309	-0,006	0,012	0,191	FALSE

0,177	0,296	0,006	0,009	0,290	FALSE
-0,114	0,309	-0,005	0,013	0,159	FALSE
-0,114	0,300	-0,005	0,012	0,183	FALSE
-0,013	0,322	-0,001	0,007	0,034	FALSE
0,027	0,307	0,001	0,007	0,039	FALSE
0,048	0,313	0,001	0,007	0,075	FALSE
0,054	0,305	0,002	0,012	0,079	FALSE
-0,037	0,310	-0,002	0,012	0,048	FALSE
0,027	0,315	0,001	0,006	0,028	FALSE
-0,048	0,319	-0,002	0,009	0,069	FALSE
0,004	0,309	0,000	0,007	0,011	FALSE
-0,013	0,303	-0,001	0,010	0,022	FALSE
-0,037	0,316	-0,001	0,009	0,056	FALSE
-0,050	0,310	-0,002	0,011	0,055	FALSE
-0,011	0,316	0,000	0,007	0,019	FALSE
0,127	0,309	0,003	0,007	0,172	FALSE
0,118	0,302	0,005	0,012	0,178	FALSE
-0,035	0,330	-0,001	0,013	0,032	FALSE
-0,011	0,328	-0,001	0,008	0,038	FALSE
0,005	0,304	0,000	0,010	0,005	FALSE
0,034	0,310	0,002	0,010	0,074	FALSE
0,020	0,303	0,002	0,011	0,065	FALSE
0,013	0,299	0,000	0,006	0,002	FALSE
-0,015	0,303	-0,001	0,008	0,025	FALSE
-0,011	0,307	0,000	0,007	0,000	FALSE
-0,019	0,296	-0,001	0,011	0,036	FALSE
0,082	0,296	0,002	0,007	0,130	FALSE
0,009	0,302	0,001	0,009	0,021	FALSE
-0,033	0,317	-0,001	0,012	0,045	FALSE
0,006	0,293	0,001	0,010	0,019	FALSE
0,036	0,305	0,001	0,008	0,063	FALSE
0,089	0,299	0,003	0,010	0,133	FALSE
0,060	0,301	0,003	0,012	0,101	FALSE
0,059	0,300	0,003	0,012	0,105	FALSE
-0,075	0,316	-0,002	0,008	0,079	FALSE
0,016	0,317	0,001	0,013	0,022	FALSE
0,036	0,314	0,001	0,007	0,054	FALSE
-0,127	0,296	-0,004	0,010	0,181	FALSE
-0,006	0,311	0,000	0,011	0,010	FALSE
-0,226	0,295	-0,007	0,009	0,360	FALSE
-0,112	0,307	-0,003	0,008	0,141	FALSE
-0,044	0,301	-0,002	0,011	0,058	FALSE
-0,081	0,304	-0,003	0,010	0,113	FALSE
0,055	0,304	0,001	0,012	0,030	FALSE
0,063	0,298	0,001	0,012	0,037	FALSE
0,092	0,305	0,003	0,011	0,114	FALSE
0,120	0,304	0,003	0,009	0,152	FALSE
0,033	0,305	0,001	0,012	0,040	FALSE
-0,032	0,310	-0,001	0,013	0,042	FALSE
-0,028	0,311	-0,001	0,012	0,039	FALSE
-0,044	0,311	-0,001	0,007	0,039	FALSE
-0,011	0,312	-0,001	0,013	0,022	FALSE
0,028	0,313	0,001	0,012	0,036	FALSE

0,021	0,309	0,000	0,006	0,008	FALSE
0,029	0,326	0,000	0,010	0,004	FALSE
-0,014	0,308	0,001	0,012	0,015	FALSE
0,067	0,321	0,002	0,009	0,079	FALSE
-0,043	0,326	-0,001	0,008	0,059	FALSE
-0,049	0,320	-0,002	0,008	0,073	FALSE
-0,016	0,316	-0,001	0,008	0,024	FALSE
0,053	0,308	0,001	0,007	0,040	FALSE
0,049	0,307	0,002	0,013	0,057	FALSE
-0,061	0,296	-0,001	0,008	0,057	FALSE
-0,054	0,314	-0,002	0,009	0,088	FALSE
-0,059	0,310	-0,002	0,012	0,047	FALSE
-0,053	0,302	-0,002	0,011	0,066	FALSE
0,011	0,304	0,000	0,009	0,008	FALSE
-0,033	0,306	-0,001	0,013	0,021	FALSE
0,032	0,323	0,001	0,012	0,027	FALSE
-0,014	0,307	-0,001	0,007	0,037	FALSE
0,027	0,298	0,001	0,007	0,036	FALSE
0,018	0,307	0,000	0,011	0,001	FALSE
0,103	0,306	0,004	0,013	0,111	FALSE
0,046	0,298	0,002	0,009	0,078	FALSE
0,047	0,298	0,002	0,009	0,079	FALSE
-0,016	0,305	0,000	0,006	0,020	FALSE
0,017	0,301	0,001	0,011	0,018	FALSE
-0,090	0,309	-0,002	0,008	0,099	FALSE
-0,124	0,306	-0,006	0,013	0,187	FALSE
0,063	0,317	0,003	0,012	0,088	FALSE
-0,105	0,302	-0,003	0,009	0,135	FALSE
-0,089	0,308	-0,002	0,009	0,098	FALSE
-0,068	0,312	-0,002	0,009	0,078	FALSE
0,142	0,297	0,005	0,010	0,196	FALSE
0,127	0,295	0,004	0,010	0,164	FALSE
-0,063	0,322	-0,002	0,011	0,076	FALSE
-0,063	0,316	-0,002	0,012	0,073	FALSE
0,096	0,312	0,003	0,009	0,131	FALSE
-0,092	0,310	-0,003	0,012	0,111	FALSE
-0,101	0,316	-0,004	0,013	0,133	FALSE
-0,125	0,292	-0,007	0,011	0,252	FALSE
-0,038	0,317	-0,001	0,008	0,058	FALSE
0,082	0,310	0,002	0,007	0,116	FALSE
0,020	0,318	0,000	0,011	0,006	FALSE
0,118	0,287	0,005	0,012	0,178	FALSE
0,173	0,305	0,007	0,011	0,281	FALSE
0,208	0,299	0,009	0,012	0,347	FALSE
0,010	0,310	0,001	0,007	0,026	FALSE
0,142	0,296	0,006	0,011	0,223	FALSE
0,161	0,291	0,007	0,011	0,258	FALSE
-0,120	0,301	-0,003	0,007	0,154	FALSE
-0,116	0,311	-0,002	0,007	0,135	FALSE
-0,001	0,307	0,000	0,011	0,010	FALSE
0,077	0,306	0,002	0,008	0,082	FALSE
0,043	0,301	0,001	0,008	0,053	FALSE
-0,094	0,309	-0,002	0,007	0,100	FALSE

0,019	0,307	0,000	0,012	0,006	FALSE
-0,020	0,296	-0,001	0,008	0,055	FALSE
0,113	0,302	0,003	0,006	0,192	FALSE
-0,028	0,320	-0,001	0,011	0,044	FALSE
0,015	0,309	0,000	0,013	0,000	FALSE
0,127	0,319	0,005	0,011	0,166	FALSE
-0,011	0,310	-0,001	0,013	0,024	FALSE
0,056	0,305	0,002	0,010	0,070	FALSE
0,113	0,309	0,006	0,013	0,174	FALSE
0,010	0,327	0,000	0,010	0,018	FALSE
-0,081	0,286	-0,003	0,009	0,142	FALSE
0,109	0,301	0,004	0,008	0,172	FALSE
-0,056	0,306	-0,002	0,010	0,082	FALSE
0,013	0,310	0,000	0,009	0,016	FALSE
0,013	0,319	0,000	0,009	0,010	FALSE
-0,005	0,318	0,000	0,009	0,003	FALSE
-0,056	0,302	-0,002	0,009	0,077	FALSE
-0,100	0,304	-0,002	0,007	0,145	FALSE
-0,064	0,312	-0,002	0,007	0,091	FALSE
-0,001	0,304	0,000	0,007	0,008	FALSE
-0,033	0,310	-0,001	0,007	0,038	FALSE
0,029	0,310	0,001	0,009	0,050	FALSE
0,049	0,299	0,001	0,010	0,038	FALSE
0,046	0,304	0,002	0,008	0,075	FALSE
0,016	0,295	0,001	0,006	0,038	FALSE
0,043	0,308	0,002	0,013	0,056	FALSE
-0,134	0,302	-0,003	0,006	0,178	FALSE
-0,045	0,312	-0,003	0,011	0,087	FALSE
0,023	0,316	0,001	0,008	0,039	FALSE
-0,093	0,322	-0,003	0,010	0,115	FALSE
-0,082	0,289	-0,004	0,012	0,132	FALSE
0,024	0,297	0,002	0,013	0,056	FALSE
0,016	0,316	0,001	0,008	0,035	FALSE
0,081	0,291	0,001	0,007	0,081	FALSE
-0,027	0,309	-0,001	0,008	0,031	FALSE
-0,018	0,300	-0,001	0,008	0,039	FALSE
-0,110	0,313	-0,004	0,013	0,115	FALSE
-0,170	0,281	-0,005	0,009	0,232	FALSE
-0,212	0,286	-0,008	0,011	0,327	FALSE
-0,215	0,289	-0,008	0,011	0,328	FALSE
-0,195	0,268	-0,005	0,009	0,273	FALSE
-0,107	0,319	-0,003	0,010	0,133	FALSE
-0,212	0,283	-0,009	0,012	0,338	FALSE
-0,099	0,308	-0,005	0,014	0,144	FALSE
0,011	0,311	0,000	0,007	0,012	FALSE
0,155	0,310	0,004	0,008	0,232	FALSE
-0,042	0,308	-0,001	0,007	0,048	FALSE
0,132	0,291	0,004	0,010	0,168	FALSE
0,114	0,299	0,003	0,010	0,127	FALSE
0,026	0,303	0,001	0,007	0,034	FALSE
-0,019	0,312	-0,001	0,008	0,028	FALSE
0,039	0,316	0,001	0,008	0,044	FALSE
-0,080	0,307	-0,003	0,010	0,110	FALSE

-0,073	0,303	-0,002	0,008	0,102	FALSE
0,085	0,327	0,003	0,009	0,111	FALSE
0,105	0,316	0,004	0,011	0,158	FALSE
-0,020	0,303	0,000	0,007	0,006	FALSE
0,060	0,327	0,002	0,008	0,086	FALSE
0,096	0,319	0,002	0,008	0,118	FALSE
0,067	0,312	0,002	0,008	0,085	FALSE
0,049	0,318	0,002	0,011	0,073	FALSE
0,001	0,311	0,000	0,007	0,016	FALSE
0,027	0,307	0,001	0,012	0,036	FALSE
0,086	0,307	0,003	0,011	0,103	FALSE
0,003	0,305	0,000	0,013	0,013	FALSE
0,039	0,309	0,002	0,013	0,051	FALSE
0,021	0,309	0,001	0,013	0,021	FALSE
-0,005	0,316	0,000	0,013	0,007	FALSE
0,002	0,312	0,000	0,013	0,005	FALSE
0,033	0,297	0,002	0,012	0,045	FALSE
-0,044	0,310	-0,002	0,011	0,078	FALSE
-0,032	0,307	-0,002	0,011	0,060	FALSE
0,012	0,315	0,000	0,013	0,007	FALSE
0,092	0,306	0,002	0,007	0,113	FALSE
-0,024	0,306	-0,001	0,007	0,031	FALSE
-0,101	0,316	-0,004	0,011	0,149	FALSE
0,060	0,302	0,002	0,009	0,099	FALSE
0,134	0,296	0,005	0,013	0,168	FALSE
0,065	0,317	0,002	0,013	0,065	FALSE
-0,080	0,303	-0,002	0,006	0,106	FALSE
0,078	0,319	0,001	0,007	0,068	FALSE
0,008	0,315	0,000	0,008	0,017	FALSE
0,001	0,306	0,000	0,007	0,012	FALSE
0,083	0,306	0,002	0,008	0,117	FALSE
-0,076	0,313	-0,002	0,010	0,083	FALSE
-0,164	0,294	-0,005	0,011	0,199	FALSE
-0,175	0,301	-0,006	0,012	0,207	FALSE
0,041	0,304	0,001	0,010	0,030	FALSE
0,092	0,307	0,002	0,011	0,088	FALSE
0,064	0,313	0,002	0,011	0,067	FALSE
-0,078	0,309	-0,002	0,010	0,086	FALSE
0,046	0,304	0,003	0,012	0,091	FALSE
-0,054	0,312	-0,002	0,012	0,068	FALSE
0,011	0,296	0,001	0,012	0,017	FALSE
0,030	0,305	0,001	0,013	0,031	FALSE
0,082	0,311	0,003	0,010	0,119	FALSE
-0,063	0,296	-0,002	0,007	0,112	FALSE
0,120	0,317	0,005	0,012	0,147	FALSE
-0,006	0,299	0,000	0,009	0,017	FALSE
-0,009	0,299	0,000	0,007	0,017	FALSE
-0,088	0,305	-0,003	0,009	0,146	FALSE
-0,041	0,305	-0,001	0,008	0,036	FALSE
-0,074	0,308	-0,002	0,007	0,107	FALSE
-0,025	0,321	-0,001	0,012	0,014	FALSE
-0,096	0,303	-0,004	0,013	0,134	FALSE
-0,095	0,303	-0,002	0,007	0,129	FALSE

0,063	0,309	0,002	0,010	0,092	FALSE
0,071	0,305	0,002	0,010	0,090	FALSE
0,023	0,290	0,001	0,011	0,018	FALSE
0,035	0,305	0,001	0,009	0,039	FALSE
-0,050	0,305	-0,001	0,011	0,043	FALSE
-0,005	0,321	0,000	0,009	0,012	FALSE
-0,087	0,292	-0,004	0,012	0,145	FALSE
-0,007	0,314	-0,001	0,009	0,025	FALSE
-0,039	0,306	0,000	0,007	0,024	FALSE
0,080	0,287	0,003	0,011	0,127	FALSE
-0,011	0,318	0,000	0,008	0,006	FALSE
0,033	0,306	0,001	0,009	0,050	FALSE
0,026	0,329	0,001	0,010	0,030	FALSE
0,056	0,318	0,002	0,012	0,063	FALSE
0,137	0,306	0,005	0,011	0,195	FALSE
0,127	0,300	0,005	0,011	0,192	FALSE
-0,089	0,300	-0,003	0,009	0,142	FALSE
-0,073	0,314	-0,003	0,012	0,096	FALSE
0,020	0,306	0,000	0,006	0,021	FALSE
0,043	0,315	0,001	0,006	0,048	FALSE
-0,040	0,312	-0,001	0,009	0,049	FALSE
0,092	0,311	0,003	0,010	0,113	FALSE
0,000	0,312	0,000	0,010	0,007	FALSE
0,005	0,311	0,000	0,006	0,011	FALSE
0,023	0,301	0,001	0,007	0,034	FALSE
-0,054	0,312	-0,001	0,007	0,057	FALSE
0,091	0,302	0,003	0,008	0,165	FALSE
0,112	0,301	0,004	0,008	0,194	FALSE
0,053	0,316	0,003	0,012	0,099	FALSE
-0,008	0,308	-0,001	0,010	0,045	FALSE
0,041	0,305	0,002	0,010	0,067	FALSE
-0,091	0,310	-0,003	0,009	0,138	FALSE
0,083	0,308	0,002	0,007	0,096	FALSE
-0,040	0,313	-0,001	0,007	0,052	FALSE
-0,124	0,315	-0,005	0,011	0,206	FALSE
0,038	0,307	0,002	0,013	0,064	FALSE
-0,032	0,307	-0,001	0,010	0,046	FALSE
-0,127	0,304	-0,006	0,013	0,200	FALSE
0,040	0,303	0,002	0,010	0,057	FALSE
-0,032	0,311	-0,001	0,006	0,032	FALSE
0,006	0,312	0,000	0,006	0,008	FALSE
-0,105	0,307	-0,002	0,008	0,115	FALSE
-0,060	0,309	-0,002	0,012	0,069	FALSE
0,018	0,297	0,000	0,008	0,008	FALSE
-0,092	0,291	-0,002	0,009	0,095	FALSE
0,048	0,320	0,001	0,013	0,041	FALSE
0,030	0,323	0,001	0,013	0,030	FALSE
-0,003	0,313	0,000	0,013	0,006	FALSE
0,162	0,296	0,003	0,007	0,179	FALSE
0,160	0,295	0,003	0,007	0,181	FALSE
0,010	0,317	0,000	0,013	0,012	FALSE
-0,072	0,304	-0,003	0,012	0,097	FALSE
-0,024	0,326	-0,001	0,013	0,027	FALSE

-0,102	0,314	-0,004	0,013	0,122	FALSE
-0,086	0,316	-0,003	0,011	0,094	FALSE
-0,071	0,294	-0,001	0,008	0,073	FALSE
-0,120	0,312	-0,005	0,012	0,161	FALSE
-0,149	0,313	-0,005	0,010	0,197	FALSE
-0,079	0,313	-0,002	0,011	0,078	FALSE
0,032	0,299	0,001	0,011	0,028	FALSE
0,061	0,321	0,002	0,010	0,068	FALSE
-0,039	0,297	-0,001	0,013	0,040	FALSE
0,075	0,307	0,002	0,008	0,085	FALSE
0,020	0,316	0,000	0,007	0,011	FALSE
-0,036	0,313	-0,001	0,007	0,038	FALSE
0,088	0,297	0,003	0,011	0,091	FALSE
-0,120	0,298	-0,006	0,012	0,189	FALSE
0,050	0,306	0,001	0,009	0,034	FALSE
0,126	0,297	0,006	0,012	0,215	FALSE
0,051	0,311	0,002	0,007	0,077	FALSE
-0,068	0,319	-0,002	0,008	0,093	FALSE
0,082	0,298	0,004	0,012	0,142	FALSE
0,045	0,300	0,001	0,010	0,047	FALSE
-0,015	0,315	0,000	0,007	0,019	FALSE
-0,037	0,313	-0,002	0,013	0,052	FALSE
-0,117	0,299	-0,005	0,012	0,172	FALSE
0,020	0,317	0,001	0,009	0,028	FALSE
-0,026	0,308	0,000	0,007	0,025	FALSE
0,058	0,316	0,002	0,008	0,104	FALSE
-0,041	0,295	-0,001	0,009	0,028	FALSE
0,028	0,288	0,001	0,009	0,029	FALSE
0,048	0,306	0,002	0,012	0,068	FALSE
-0,079	0,295	-0,002	0,007	0,089	FALSE
-0,062	0,310	-0,001	0,007	0,072	FALSE
-0,106	0,314	-0,002	0,007	0,132	FALSE
-0,102	0,314	-0,002	0,007	0,116	FALSE
-0,068	0,309	-0,002	0,007	0,080	FALSE
0,000	0,304	0,000	0,006	0,010	FALSE
-0,128	0,303	-0,003	0,007	0,157	FALSE
-0,032	0,289	-0,001	0,012	0,017	FALSE
0,063	0,295	0,003	0,011	0,110	FALSE
0,115	0,310	0,005	0,012	0,159	FALSE
-0,099	0,298	-0,003	0,012	0,093	FALSE
0,151	0,305	0,004	0,007	0,214	FALSE
-0,111	0,313	-0,002	0,007	0,138	FALSE
-0,100	0,297	-0,004	0,011	0,131	FALSE
-0,031	0,320	-0,002	0,013	0,058	FALSE
0,048	0,319	0,002	0,013	0,063	FALSE
-0,031	0,308	-0,001	0,009	0,024	FALSE
0,073	0,309	0,002	0,006	0,121	FALSE
-0,083	0,300	-0,001	0,006	0,092	FALSE
-0,059	0,312	-0,002	0,011	0,067	FALSE
-0,087	0,314	-0,003	0,010	0,137	FALSE
0,125	0,304	0,004	0,009	0,164	FALSE
0,047	0,300	0,001	0,008	0,068	FALSE
0,013	0,313	0,000	0,012	0,011	FALSE

-0,028	0,295	-0,001	0,009	0,037	FALSE
-0,062	0,302	-0,002	0,009	0,091	FALSE
-0,036	0,312	-0,001	0,007	0,061	FALSE
0,078	0,318	0,002	0,008	0,083	FALSE
0,004	0,305	0,000	0,006	0,019	FALSE
0,213	0,287	0,009	0,012	0,310	FALSE
0,209	0,284	0,008	0,013	0,291	FALSE
0,051	0,295	0,002	0,009	0,067	FALSE
0,020	0,319	0,001	0,006	0,041	FALSE
-0,022	0,311	-0,001	0,010	0,022	FALSE
0,158	0,296	0,005	0,010	0,234	FALSE
-0,067	0,296	-0,001	0,011	0,040	FALSE
0,080	0,293	0,002	0,008	0,088	FALSE
-0,090	0,306	-0,003	0,011	0,090	FALSE
0,044	0,309	0,001	0,009	0,031	FALSE
-0,118	0,311	-0,004	0,012	0,141	FALSE
0,032	0,305	0,000	0,009	0,004	FALSE
0,039	0,304	0,000	0,009	0,014	FALSE
0,021	0,300	0,000	0,010	0,009	FALSE
0,074	0,307	0,002	0,010	0,066	FALSE
0,073	0,307	0,002	0,010	0,065	FALSE
0,095	0,308	0,002	0,010	0,094	FALSE
-0,115	0,309	-0,004	0,012	0,125	FALSE
-0,142	0,309	-0,005	0,012	0,160	FALSE
0,052	0,306	0,001	0,010	0,035	FALSE
0,086	0,290	0,004	0,011	0,132	FALSE
0,031	0,300	0,001	0,007	0,052	FALSE
-0,030	0,305	-0,001	0,007	0,037	FALSE
0,041	0,298	0,001	0,007	0,061	FALSE
-0,035	0,313	-0,001	0,007	0,036	FALSE
-0,033	0,308	-0,001	0,007	0,045	FALSE
0,086	0,317	0,002	0,009	0,101	FALSE
0,004	0,318	0,000	0,007	0,025	FALSE
0,064	0,299	0,001	0,007	0,051	FALSE
0,030	0,316	0,001	0,007	0,062	FALSE
-0,051	0,299	-0,001	0,008	0,042	FALSE
0,011	0,309	0,000	0,009	0,010	FALSE
0,007	0,313	0,001	0,011	0,030	FALSE
-0,023	0,313	-0,001	0,007	0,033	FALSE
-0,104	0,301	-0,002	0,006	0,150	FALSE
-0,141	0,295	-0,003	0,007	0,189	FALSE
0,044	0,322	0,001	0,009	0,049	FALSE
0,048	0,315	0,001	0,008	0,055	FALSE
0,064	0,302	0,002	0,007	0,091	FALSE
-0,066	0,299	-0,002	0,008	0,071	FALSE
0,040	0,303	0,001	0,007	0,073	FALSE
0,016	0,300	0,001	0,007	0,045	FALSE
-0,114	0,313	-0,005	0,012	0,165	FALSE
-0,030	0,306	0,000	0,011	0,003	FALSE
-0,126	0,298	-0,006	0,012	0,194	FALSE
-0,136	0,309	-0,006	0,013	0,191	FALSE
-0,096	0,322	-0,005	0,013	0,145	FALSE
0,018	0,304	0,000	0,006	0,015	FALSE

0,022	0,311	0,001	0,013	0,019	FALSE
0,016	0,303	0,000	0,007	0,006	FALSE
0,024	0,325	0,000	0,007	0,015	FALSE
-0,054	0,306	-0,001	0,007	0,034	FALSE
-0,036	0,301	-0,001	0,006	0,074	FALSE
-0,089	0,311	-0,003	0,010	0,127	FALSE
-0,029	0,314	-0,001	0,007	0,041	FALSE
-0,064	0,304	-0,002	0,009	0,079	FALSE
-0,091	0,315	-0,003	0,009	0,123	FALSE
-0,035	0,309	-0,001	0,011	0,038	FALSE
0,011	0,298	0,001	0,009	0,020	FALSE
0,016	0,315	0,001	0,012	0,027	FALSE
-0,047	0,302	-0,002	0,011	0,067	FALSE
-0,039	0,317	-0,002	0,011	0,060	FALSE
-0,042	0,317	-0,002	0,011	0,054	FALSE
-0,076	0,317	-0,003	0,013	0,096	FALSE
-0,145	0,305	-0,005	0,010	0,220	FALSE
-0,091	0,303	-0,004	0,012	0,121	FALSE
0,110	0,309	0,005	0,013	0,154	FALSE
-0,079	0,313	-0,002	0,007	0,108	FALSE
-0,020	0,309	-0,001	0,007	0,030	FALSE
-0,060	0,319	-0,001	0,008	0,072	FALSE
0,004	0,317	0,000	0,007	0,003	FALSE
0,053	0,319	0,002	0,011	0,056	FALSE
-0,009	0,309	-0,001	0,013	0,021	FALSE
0,049	0,304	0,002	0,012	0,078	FALSE
-0,046	0,307	-0,001	0,007	0,042	FALSE
-0,033	0,307	-0,001	0,007	0,027	FALSE
0,028	0,324	0,000	0,013	0,013	FALSE
0,032	0,309	0,001	0,009	0,030	FALSE
0,075	0,319	0,004	0,013	0,123	FALSE
0,187	0,303	0,005	0,008	0,259	FALSE
-0,091	0,305	-0,002	0,007	0,140	FALSE
-0,100	0,316	-0,003	0,008	0,131	FALSE
-0,118	0,301	-0,003	0,007	0,165	FALSE
-0,110	0,304	-0,003	0,007	0,144	FALSE
-0,089	0,296	-0,002	0,007	0,128	FALSE
-0,165	0,295	-0,005	0,009	0,227	FALSE
-0,148	0,296	-0,005	0,011	0,205	FALSE
0,002	0,312	0,001	0,007	0,024	FALSE
0,097	0,302	0,003	0,010	0,096	FALSE
-0,043	0,306	0,000	0,007	0,019	FALSE
0,074	0,300	0,002	0,013	0,073	FALSE
0,000	0,304	0,000	0,007	0,023	FALSE
0,062	0,288	0,001	0,008	0,032	FALSE
0,006	0,303	0,000	0,006	0,013	FALSE
-0,037	0,305	-0,001	0,007	0,030	FALSE
0,185	0,300	0,005	0,009	0,256	FALSE
-0,030	0,305	-0,001	0,007	0,030	FALSE
0,073	0,308	0,004	0,011	0,126	FALSE
-0,011	0,317	-0,001	0,013	0,019	FALSE
-0,024	0,318	-0,001	0,011	0,031	FALSE
0,048	0,314	0,001	0,007	0,072	FALSE

-0,055	0,300	-0,002	0,011	0,051	FALSE
-0,039	0,300	-0,001	0,007	0,056	FALSE
-0,013	0,314	-0,001	0,008	0,045	FALSE
-0,021	0,312	0,000	0,012	0,009	FALSE
0,089	0,298	0,003	0,010	0,104	FALSE
0,035	0,310	0,001	0,012	0,033	FALSE
0,009	0,316	0,000	0,012	0,007	FALSE
-0,072	0,312	-0,002	0,007	0,085	FALSE
0,081	0,300	0,003	0,011	0,093	FALSE
0,006	0,321	0,001	0,007	0,027	FALSE
0,090	0,302	0,004	0,012	0,124	FALSE
0,031	0,299	0,001	0,009	0,046	FALSE
0,058	0,306	0,002	0,013	0,045	FALSE
-0,146	0,314	-0,007	0,013	0,215	FALSE
0,159	0,313	0,005	0,009	0,238	FALSE
-0,123	0,307	-0,003	0,008	0,167	FALSE
0,012	0,296	0,000	0,008	0,018	FALSE
0,073	0,304	0,003	0,009	0,107	FALSE
0,004	0,304	0,000	0,010	0,006	FALSE
-0,098	0,291	-0,004	0,010	0,152	FALSE
0,142	0,296	0,005	0,010	0,205	FALSE
0,061	0,315	0,001	0,008	0,064	FALSE
0,108	0,304	0,002	0,008	0,103	FALSE
-0,049	0,300	-0,002	0,010	0,085	FALSE
-0,093	0,306	-0,004	0,012	0,144	FALSE
-0,076	0,301	-0,003	0,012	0,083	FALSE
0,154	0,315	0,007	0,013	0,234	FALSE
-0,139	0,309	-0,003	0,008	0,185	FALSE
-0,057	0,307	-0,003	0,011	0,094	FALSE
-0,071	0,305	-0,001	0,007	0,075	FALSE
0,129	0,293	0,005	0,009	0,202	FALSE
0,130	0,286	0,005	0,010	0,219	FALSE
-0,004	0,300	0,000	0,008	0,005	FALSE
0,119	0,310	0,005	0,011	0,184	FALSE
-0,052	0,297	-0,001	0,007	0,035	FALSE
0,027	0,291	0,001	0,007	0,051	FALSE
-0,089	0,308	-0,003	0,011	0,111	FALSE
-0,024	0,318	0,000	0,008	0,020	FALSE
0,003	0,318	0,000	0,009	0,009	FALSE
0,016	0,303	0,000	0,007	0,023	FALSE
-0,009	0,304	0,000	0,006	0,004	FALSE
-0,038	0,307	-0,001	0,007	0,037	FALSE
-0,122	0,305	-0,004	0,011	0,162	FALSE
-0,030	0,309	0,000	0,007	0,024	FALSE
0,016	0,305	0,001	0,011	0,032	FALSE
-0,067	0,305	-0,004	0,012	0,111	FALSE
-0,024	0,303	-0,003	0,013	0,075	FALSE
0,010	0,300	-0,001	0,013	0,035	FALSE
-0,079	0,321	-0,004	0,013	0,131	FALSE
0,003	0,318	0,001	0,009	0,031	FALSE
-0,080	0,301	-0,004	0,013	0,108	FALSE
0,062	0,282	0,002	0,012	0,046	FALSE
-0,135	0,309	-0,003	0,008	0,166	FALSE

0,055	0,282	0,002	0,012	0,045	FALSE
-0,010	0,320	0,000	0,010	0,007	FALSE
0,064	0,307	0,001	0,007	0,068	FALSE
0,058	0,306	0,001	0,009	0,060	FALSE
0,082	0,309	0,002	0,007	0,125	FALSE
-0,092	0,304	-0,003	0,009	0,134	FALSE
0,029	0,297	0,001	0,011	0,024	FALSE
-0,026	0,319	-0,001	0,012	0,036	FALSE
-0,020	0,306	-0,001	0,013	0,027	FALSE
-0,028	0,307	-0,001	0,012	0,040	FALSE
-0,086	0,317	-0,004	0,013	0,119	FALSE
-0,070	0,301	-0,003	0,012	0,101	FALSE
-0,172	0,290	-0,007	0,012	0,248	FALSE
-0,025	0,311	-0,001	0,012	0,038	FALSE
-0,023	0,312	-0,002	0,012	0,048	FALSE
0,084	0,307	0,004	0,011	0,120	FALSE
-0,020	0,313	-0,001	0,011	0,040	FALSE
-0,020	0,306	-0,001	0,012	0,041	FALSE
-0,059	0,315	-0,001	0,010	0,047	FALSE
-0,128	0,304	-0,007	0,013	0,217	FALSE
0,067	0,304	0,002	0,007	0,107	FALSE
-0,152	0,303	-0,006	0,012	0,205	FALSE
-0,121	0,313	-0,005	0,012	0,167	FALSE
-0,111	0,302	-0,005	0,012	0,161	FALSE
-0,064	0,307	-0,001	0,007	0,074	FALSE
-0,065	0,316	-0,002	0,009	0,078	FALSE
-0,127	0,320	-0,005	0,012	0,175	FALSE
0,151	0,297	0,007	0,011	0,252	FALSE
0,043	0,286	0,002	0,009	0,070	FALSE
0,093	0,296	0,004	0,010	0,140	FALSE
0,103	0,303	0,004	0,009	0,182	FALSE
0,096	0,298	0,004	0,009	0,166	FALSE
-0,037	0,309	0,000	0,007	0,021	FALSE
-0,020	0,316	0,000	0,008	0,019	FALSE
0,082	0,309	0,002	0,008	0,109	FALSE
0,057	0,307	0,003	0,012	0,083	FALSE
0,024	0,309	0,001	0,012	0,041	FALSE
-0,012	0,300	0,000	0,009	0,010	FALSE
-0,041	0,306	-0,002	0,009	0,066	FALSE
0,073	0,309	0,002	0,007	0,092	FALSE
-0,035	0,309	-0,001	0,009	0,030	FALSE
0,031	0,309	0,001	0,011	0,030	FALSE
-0,036	0,327	-0,001	0,009	0,039	FALSE
-0,067	0,295	-0,002	0,008	0,097	FALSE
-0,054	0,298	-0,002	0,012	0,068	FALSE
0,017	0,298	0,000	0,008	0,003	FALSE
0,014	0,311	0,000	0,008	0,007	FALSE
-0,080	0,313	-0,003	0,008	0,133	FALSE
0,005	0,310	0,000	0,008	0,014	FALSE
-0,060	0,308	-0,002	0,011	0,077	FALSE
0,100	0,318	0,003	0,008	0,149	FALSE
-0,082	0,307	-0,004	0,012	0,144	FALSE
0,039	0,306	0,001	0,009	0,057	FALSE

0,049	0,306	0,002	0,009	0,068	FALSE
0,000	0,313	-0,001	0,008	0,024	FALSE
-0,018	0,315	-0,001	0,008	0,038	FALSE
0,136	0,298	0,005	0,011	0,210	FALSE
0,076	0,305	0,003	0,009	0,107	FALSE
0,068	0,301	0,002	0,009	0,103	FALSE
0,092	0,298	0,003	0,008	0,123	FALSE
0,086	0,309	0,003	0,009	0,123	FALSE
0,014	0,301	0,000	0,006	0,010	FALSE
0,005	0,312	0,000	0,007	0,012	FALSE
-0,020	0,293	-0,001	0,012	0,022	FALSE
0,078	0,313	0,003	0,013	0,072	FALSE
-0,059	0,289	-0,002	0,012	0,064	FALSE
-0,020	0,314	-0,001	0,010	0,031	FALSE
-0,054	0,301	-0,002	0,009	0,072	FALSE
-0,214	0,274	-0,009	0,012	0,355	FALSE
-0,020	0,317	0,000	0,006	0,005	FALSE
0,002	0,320	0,000	0,011	0,014	FALSE
0,065	0,293	0,001	0,006	0,082	FALSE
-0,047	0,300	-0,002	0,012	0,068	FALSE
-0,042	0,313	-0,002	0,010	0,063	FALSE
-0,120	0,310	-0,003	0,007	0,137	FALSE
-0,069	0,317	-0,002	0,007	0,097	FALSE
-0,142	0,308	-0,003	0,007	0,152	FALSE
-0,081	0,305	-0,003	0,009	0,110	FALSE
-0,134	0,307	-0,004	0,009	0,196	FALSE
-0,126	0,309	-0,003	0,006	0,181	FALSE
-0,047	0,304	-0,001	0,007	0,045	FALSE
-0,136	0,311	-0,004	0,009	0,183	FALSE
0,020	0,315	0,001	0,012	0,032	FALSE
-0,023	0,314	0,000	0,013	0,009	FALSE
-0,076	0,307	-0,002	0,008	0,085	FALSE
-0,052	0,303	-0,001	0,011	0,051	FALSE
0,107	0,307	0,003	0,010	0,135	FALSE
0,113	0,322	0,004	0,011	0,138	FALSE
0,063	0,305	0,002	0,007	0,083	FALSE
0,014	0,306	0,000	0,007	0,009	FALSE
0,032	0,308	0,001	0,012	0,035	FALSE
-0,104	0,291	-0,003	0,008	0,133	FALSE
0,097	0,301	0,003	0,010	0,108	FALSE
-0,038	0,303	-0,001	0,011	0,039	FALSE
-0,092	0,307	-0,004	0,010	0,144	FALSE
-0,038	0,313	-0,001	0,008	0,045	FALSE
-0,197	0,297	-0,009	0,012	0,330	FALSE
-0,038	0,286	-0,001	0,008	0,045	FALSE
0,111	0,299	0,004	0,010	0,175	FALSE
0,128	0,321	0,004	0,008	0,191	FALSE
0,122	0,310	0,005	0,011	0,189	FALSE
0,025	0,298	0,001	0,008	0,041	FALSE
0,000	0,308	0,000	0,013	0,002	FALSE
-0,012	0,306	0,000	0,012	0,013	FALSE
-0,014	0,322	-0,001	0,014	0,018	FALSE
-0,006	0,313	0,000	0,012	0,012	FALSE

-0,001	0,327	0,000	0,014	0,006	FALSE
-0,018	0,321	-0,001	0,013	0,015	FALSE
0,004	0,312	0,000	0,013	0,001	FALSE
-0,015	0,313	-0,001	0,012	0,021	FALSE
-0,052	0,322	-0,002	0,013	0,058	FALSE
0,002	0,307	0,000	0,012	0,007	FALSE
-0,009	0,319	0,000	0,013	0,011	FALSE
-0,074	0,302	-0,002	0,010	0,092	FALSE
0,006	0,307	0,000	0,010	0,010	FALSE
-0,064	0,301	-0,002	0,009	0,069	FALSE
0,151	0,316	0,006	0,013	0,180	FALSE
-0,061	0,306	-0,002	0,011	0,065	FALSE
-0,043	0,307	-0,001	0,010	0,036	FALSE
0,195	0,300	0,008	0,013	0,280	FALSE
0,091	0,323	0,003	0,011	0,096	FALSE
-0,088	0,304	-0,003	0,011	0,095	FALSE
0,041	0,317	0,001	0,013	0,034	FALSE
0,071	0,307	0,002	0,011	0,059	FALSE
-0,019	0,302	0,000	0,012	0,010	FALSE
-0,014	0,306	0,001	0,012	0,015	FALSE
0,029	0,302	0,001	0,010	0,036	FALSE
-0,009	0,294	0,000	0,013	0,010	FALSE
-0,018	0,308	0,000	0,013	0,004	FALSE
-0,019	0,305	0,000	0,013	0,003	FALSE
0,053	0,303	0,002	0,012	0,056	FALSE
-0,061	0,306	-0,002	0,008	0,081	FALSE
0,045	0,311	0,002	0,008	0,093	FALSE
-0,019	0,322	0,000	0,008	0,013	FALSE
-0,088	0,299	-0,003	0,011	0,088	FALSE
0,041	0,294	0,001	0,011	0,046	FALSE
0,077	0,294	0,002	0,007	0,133	FALSE
0,108	0,309	0,005	0,012	0,149	FALSE
0,084	0,305	0,003	0,011	0,111	FALSE
0,026	0,305	0,001	0,009	0,038	FALSE
0,024	0,296	0,001	0,009	0,029	FALSE
0,025	0,312	0,001	0,012	0,031	FALSE
0,032	0,300	0,001	0,012	0,031	FALSE
0,084	0,300	0,002	0,006	0,108	FALSE
-0,011	0,307	0,000	0,007	0,006	FALSE
0,005	0,316	0,000	0,009	0,002	FALSE
-0,152	0,303	-0,005	0,009	0,224	FALSE
0,168	0,307	0,007	0,011	0,257	FALSE
-0,017	0,300	-0,001	0,011	0,045	FALSE
-0,028	0,306	-0,001	0,010	0,044	FALSE
0,012	0,316	0,000	0,011	0,009	FALSE
0,023	0,304	0,001	0,011	0,047	FALSE
0,054	0,296	0,002	0,011	0,081	FALSE
0,033	0,308	0,002	0,011	0,055	FALSE
0,018	0,312	0,000	0,012	0,008	FALSE
-0,023	0,317	-0,001	0,012	0,040	FALSE
-0,072	0,317	-0,003	0,011	0,103	FALSE
0,021	0,310	0,001	0,012	0,038	FALSE
0,070	0,304	0,001	0,007	0,062	FALSE

0,022	0,312	0,001	0,007	0,033	FALSE
-0,022	0,306	-0,001	0,007	0,040	FALSE
-0,020	0,316	0,000	0,007	0,021	FALSE
0,068	0,301	0,002	0,012	0,073	FALSE
-0,023	0,312	0,000	0,013	0,008	FALSE
0,030	0,307	0,001	0,010	0,018	FALSE
-0,013	0,305	-0,001	0,013	0,026	FALSE
0,038	0,306	0,001	0,007	0,060	FALSE
0,075	0,296	0,003	0,012	0,091	FALSE
0,012	0,304	0,001	0,009	0,021	FALSE
0,073	0,315	0,002	0,008	0,084	FALSE
0,172	0,289	0,005	0,008	0,269	FALSE
0,192	0,312	0,006	0,009	0,280	FALSE
0,024	0,317	0,001	0,010	0,024	FALSE
0,062	0,312	0,002	0,009	0,070	FALSE
-0,025	0,314	-0,001	0,008	0,025	FALSE
0,086	0,313	0,003	0,009	0,117	FALSE
-0,034	0,310	-0,002	0,008	0,073	FALSE
0,122	0,321	0,005	0,013	0,143	FALSE
-0,024	0,303	-0,001	0,011	0,021	FALSE
-0,002	0,317	0,000	0,012	0,015	FALSE
0,077	0,323	0,003	0,012	0,092	FALSE
0,073	0,298	0,003	0,012	0,100	FALSE
0,065	0,317	0,002	0,012	0,069	FALSE
0,146	0,315	0,006	0,012	0,191	FALSE
-0,017	0,312	-0,001	0,013	0,035	FALSE
0,087	0,293	0,003	0,012	0,093	FALSE
0,011	0,310	0,000	0,010	0,005	FALSE
-0,089	0,319	-0,003	0,012	0,094	FALSE
-0,013	0,308	0,000	0,010	0,008	FALSE
0,025	0,297	0,000	0,007	0,017	FALSE
-0,034	0,294	0,000	0,007	0,005	FALSE
0,047	0,310	0,002	0,012	0,048	FALSE
0,011	0,312	0,000	0,009	0,014	FALSE
-0,012	0,308	-0,001	0,012	0,017	FALSE
-0,077	0,305	-0,002	0,009	0,089	FALSE
0,017	0,312	0,000	0,007	0,011	FALSE
-0,027	0,320	-0,001	0,010	0,021	FALSE
-0,078	0,293	-0,004	0,011	0,143	FALSE
-0,056	0,304	-0,002	0,008	0,083	FALSE
0,045	0,302	0,000	0,006	0,027	FALSE
-0,055	0,298	-0,003	0,012	0,112	FALSE
-0,014	0,310	-0,001	0,009	0,025	FALSE
0,004	0,300	0,000	0,008	0,003	FALSE
-0,069	0,315	-0,002	0,008	0,089	FALSE
-0,042	0,295	-0,001	0,006	0,046	FALSE
-0,173	0,285	-0,005	0,007	0,298	FALSE
-0,173	0,308	-0,008	0,013	0,264	FALSE
0,144	0,313	0,005	0,011	0,203	FALSE
-0,091	0,296	-0,001	0,007	0,081	FALSE
-0,076	0,314	-0,001	0,007	0,062	FALSE
-0,015	0,309	0,000	0,009	0,008	FALSE
0,094	0,303	0,004	0,010	0,144	FALSE

-0,020	0,319	0,000	0,008	0,020	FALSE
0,050	0,317	0,002	0,013	0,053	FALSE
0,018	0,307	0,000	0,010	0,013	FALSE
-0,028	0,310	-0,001	0,007	0,027	FALSE
0,153	0,285	0,007	0,012	0,230	FALSE
0,093	0,292	0,004	0,012	0,121	FALSE
-0,167	0,303	-0,005	0,009	0,253	FALSE
-0,082	0,332	-0,002	0,008	0,077	FALSE
-0,030	0,311	-0,001	0,008	0,039	FALSE
0,068	0,317	0,002	0,009	0,066	FALSE
-0,136	0,324	-0,003	0,008	0,151	FALSE
-0,201	0,292	-0,006	0,009	0,318	FALSE
-0,025	0,316	-0,001	0,008	0,041	FALSE
-0,084	0,314	-0,001	0,008	0,071	FALSE
-0,067	0,309	-0,001	0,007	0,072	FALSE
-0,080	0,312	-0,002	0,008	0,105	FALSE
0,007	0,315	0,000	0,007	0,011	FALSE
-0,047	0,314	-0,002	0,012	0,051	FALSE
-0,103	0,301	-0,002	0,006	0,122	FALSE
0,064	0,314	0,001	0,007	0,057	FALSE
0,030	0,322	0,001	0,009	0,047	FALSE
-0,014	0,313	0,000	0,012	0,013	FALSE
-0,006	0,316	0,000	0,012	0,009	FALSE
0,007	0,317	0,000	0,012	0,002	FALSE
0,027	0,296	0,000	0,012	0,009	FALSE
-0,030	0,298	-0,001	0,007	0,034	FALSE
0,052	0,299	0,002	0,008	0,079	FALSE
-0,070	0,313	-0,002	0,011	0,071	FALSE
0,024	0,317	0,001	0,010	0,039	FALSE
0,032	0,305	0,000	0,013	0,011	FALSE
-0,012	0,309	0,000	0,011	0,009	FALSE
0,006	0,311	0,001	0,010	0,024	FALSE
0,044	0,308	0,002	0,011	0,061	FALSE
-0,128	0,322	-0,005	0,013	0,161	FALSE
0,021	0,301	0,001	0,012	0,031	FALSE
0,049	0,302	0,002	0,012	0,064	FALSE
-0,007	0,310	0,000	0,008	0,020	FALSE
0,059	0,314	0,001	0,007	0,068	FALSE
0,086	0,300	0,004	0,012	0,116	FALSE
0,012	0,299	0,000	0,011	0,004	FALSE
0,094	0,312	0,003	0,010	0,123	FALSE
-0,092	0,312	-0,003	0,008	0,164	FALSE
-0,058	0,314	-0,002	0,009	0,089	FALSE
-0,042	0,306	-0,001	0,006	0,043	FALSE
0,111	0,294	0,003	0,010	0,126	FALSE
-0,169	0,292	-0,007	0,012	0,245	FALSE
0,020	0,309	0,001	0,010	0,024	FALSE
-0,031	0,304	0,000	0,006	0,021	FALSE
-0,084	0,302	-0,004	0,011	0,129	FALSE
-0,067	0,313	-0,002	0,008	0,090	FALSE
-0,057	0,301	-0,001	0,006	0,064	FALSE
0,118	0,308	0,003	0,007	0,152	FALSE
0,028	0,314	0,001	0,010	0,037	FALSE

0,060	0,301	0,001	0,007	0,063	FALSE
0,099	0,310	0,003	0,009	0,130	FALSE
0,197	0,300	0,008	0,012	0,277	FALSE
-0,170	0,310	-0,006	0,011	0,222	FALSE
-0,084	0,302	-0,002	0,009	0,077	FALSE
0,052	0,311	0,002	0,008	0,099	FALSE
0,151	0,293	0,003	0,007	0,178	FALSE
0,003	0,298	0,000	0,011	0,008	FALSE
-0,023	0,303	0,000	0,010	0,014	FALSE
0,037	0,299	0,001	0,008	0,064	FALSE
0,024	0,302	0,001	0,013	0,020	FALSE
-0,070	0,314	-0,003	0,013	0,078	FALSE
-0,026	0,305	-0,002	0,010	0,056	FALSE
-0,053	0,294	-0,002	0,012	0,077	FALSE
-0,036	0,284	-0,001	0,012	0,038	FALSE
-0,197	0,312	-0,008	0,012	0,288	FALSE
-0,036	0,306	-0,001	0,009	0,037	FALSE
-0,239	0,299	-0,008	0,011	0,351	FALSE
0,116	0,302	0,004	0,011	0,146	FALSE
0,126	0,307	0,004	0,011	0,156	FALSE
0,111	0,299	0,004	0,012	0,117	FALSE
0,001	0,305	0,001	0,008	0,032	FALSE
0,000	0,300	0,000	0,008	0,020	FALSE
-0,040	0,303	-0,002	0,010	0,069	FALSE
0,048	0,309	0,001	0,008	0,060	FALSE
-0,051	0,306	-0,002	0,011	0,073	FALSE
-0,039	0,302	-0,001	0,006	0,036	FALSE
-0,011	0,296	-0,001	0,007	0,027	FALSE
0,037	0,312	0,001	0,011	0,041	FALSE
-0,007	0,287	0,000	0,009	0,004	FALSE
0,042	0,313	0,002	0,013	0,054	FALSE
0,001	0,327	0,000	0,009	0,014	FALSE
-0,008	0,305	0,000	0,008	0,004	FALSE
-0,050	0,301	-0,002	0,012	0,071	FALSE
-0,011	0,292	0,000	0,008	0,012	FALSE
-0,059	0,298	-0,001	0,008	0,069	FALSE
-0,038	0,301	-0,001	0,008	0,043	FALSE
-0,022	0,299	-0,001	0,008	0,025	FALSE
0,062	0,291	0,002	0,010	0,076	FALSE
0,091	0,293	0,003	0,009	0,125	FALSE
0,024	0,300	0,001	0,007	0,039	FALSE
0,190	0,286	0,005	0,008	0,317	FALSE
-0,045	0,313	-0,001	0,007	0,035	FALSE
0,126	0,306	0,004	0,008	0,187	FALSE
-0,036	0,310	-0,002	0,012	0,050	FALSE
-0,035	0,316	-0,001	0,009	0,061	FALSE
-0,017	0,310	-0,001	0,011	0,025	FALSE
0,055	0,312	0,002	0,010	0,064	FALSE
0,171	0,291	0,005	0,008	0,252	FALSE
0,050	0,307	0,001	0,007	0,071	FALSE
-0,083	0,306	-0,002	0,007	0,127	FALSE
0,079	0,319	0,002	0,007	0,103	FALSE
-0,021	0,310	-0,001	0,009	0,034	FALSE

0,018	0,296	0,000	0,007	0,019	FALSE
-0,004	0,322	0,000	0,008	0,019	FALSE
0,002	0,304	0,000	0,006	0,002	FALSE
0,174	0,317	0,006	0,009	0,254	FALSE
0,027	0,301	0,002	0,009	0,062	FALSE
-0,027	0,306	0,000	0,008	0,018	FALSE
0,033	0,312	0,001	0,012	0,016	FALSE
-0,008	0,301	-0,001	0,009	0,040	FALSE
0,039	0,317	0,001	0,009	0,047	FALSE
-0,068	0,309	-0,002	0,012	0,069	FALSE
0,050	0,306	0,002	0,008	0,072	FALSE
0,049	0,323	0,002	0,011	0,056	FALSE
-0,018	0,310	-0,001	0,012	0,038	FALSE
0,042	0,311	0,001	0,007	0,031	FALSE
0,063	0,309	0,001	0,006	0,066	FALSE
-0,006	0,315	-0,001	0,013	0,025	FALSE
0,079	0,321	0,002	0,006	0,106	FALSE
0,043	0,298	0,001	0,007	0,053	FALSE
0,093	0,298	0,002	0,008	0,116	FALSE
0,037	0,318	0,001	0,009	0,052	FALSE
0,125	0,308	0,003	0,007	0,162	FALSE
-0,179	0,309	-0,005	0,008	0,285	FALSE
0,101	0,290	0,003	0,008	0,147	FALSE
-0,177	0,309	-0,005	0,008	0,268	FALSE
-0,132	0,290	-0,006	0,012	0,206	FALSE
0,008	0,318	0,000	0,010	0,007	FALSE
-0,142	0,298	-0,006	0,012	0,205	FALSE
-0,010	0,303	0,000	0,008	0,003	FALSE
-0,100	0,312	-0,002	0,008	0,114	FALSE
-0,031	0,316	-0,001	0,013	0,026	FALSE
-0,064	0,310	-0,003	0,012	0,080	FALSE
0,071	0,302	0,001	0,007	0,066	FALSE
0,044	0,305	0,001	0,010	0,049	FALSE
-0,112	0,293	-0,004	0,011	0,128	FALSE
-0,136	0,288	-0,003	0,006	0,210	FALSE
0,100	0,306	0,003	0,009	0,111	FALSE
0,055	0,319	0,002	0,009	0,087	FALSE
-0,017	0,312	-0,001	0,013	0,023	FALSE
-0,146	0,300	-0,005	0,011	0,177	FALSE
-0,070	0,316	-0,002	0,012	0,077	FALSE
-0,061	0,300	-0,001	0,008	0,052	FALSE
-0,030	0,313	-0,001	0,008	0,035	FALSE
0,113	0,302	0,005	0,012	0,169	FALSE
0,036	0,296	0,001	0,010	0,050	FALSE
-0,091	0,325	-0,003	0,011	0,108	FALSE
0,086	0,291	0,002	0,009	0,093	FALSE
-0,122	0,294	-0,005	0,012	0,170	FALSE
0,047	0,303	0,001	0,007	0,034	FALSE
0,012	0,297	0,001	0,008	0,036	FALSE
0,090	0,299	0,002	0,012	0,069	FALSE
0,081	0,303	0,001	0,008	0,046	FALSE
0,090	0,297	0,001	0,008	0,069	FALSE
0,104	0,303	0,002	0,008	0,121	FALSE

-0,241	0,302	-0,009	0,011	0,414	FALSE
-0,042	0,304	-0,001	0,006	0,037	FALSE
-0,024	0,311	0,000	0,007	0,023	FALSE
-0,019	0,301	0,000	0,009	0,007	FALSE
0,045	0,288	0,001	0,010	0,041	FALSE
0,005	0,321	0,000	0,011	0,007	FALSE
-0,091	0,299	-0,003	0,007	0,140	FALSE
-0,023	0,299	-0,001	0,007	0,037	FALSE
-0,086	0,310	-0,002	0,007	0,130	FALSE
-0,111	0,307	-0,003	0,007	0,179	FALSE
-0,042	0,310	-0,001	0,008	0,040	FALSE
-0,171	0,311	-0,004	0,006	0,238	FALSE
0,069	0,305	0,003	0,009	0,120	FALSE
0,069	0,310	0,002	0,008	0,092	FALSE
-0,084	0,306	-0,003	0,007	0,142	FALSE
-0,025	0,313	0,000	0,007	0,011	FALSE
0,011	0,305	0,000	0,007	0,011	FALSE
0,042	0,306	0,001	0,007	0,043	FALSE
-0,006	0,303	0,000	0,009	0,014	FALSE
-0,006	0,314	0,000	0,007	0,012	FALSE
0,019	0,313	0,001	0,012	0,028	FALSE
0,059	0,303	0,001	0,006	0,069	FALSE
-0,005	0,292	-0,001	0,008	0,025	FALSE
0,065	0,333	0,002	0,012	0,069	FALSE
0,048	0,306	0,002	0,013	0,049	FALSE
-0,051	0,312	-0,003	0,013	0,074	FALSE
-0,051	0,307	-0,003	0,012	0,082	FALSE
0,102	0,303	0,003	0,007	0,159	FALSE
-0,024	0,321	0,000	0,011	0,011	FALSE
-0,074	0,302	-0,002	0,007	0,100	FALSE
-0,146	0,295	-0,004	0,008	0,227	FALSE
-0,096	0,292	-0,002	0,007	0,106	FALSE
0,020	0,307	0,000	0,009	0,019	FALSE
-0,243	0,298	-0,007	0,008	0,391	FALSE
0,182	0,308	0,007	0,011	0,256	FALSE
0,158	0,310	0,004	0,007	0,225	FALSE
0,040	0,299	0,001	0,011	0,033	FALSE
0,155	0,295	0,005	0,008	0,253	FALSE
0,193	0,294	0,005	0,007	0,297	FALSE
0,097	0,292	0,003	0,007	0,181	FALSE
-0,003	0,313	-0,001	0,008	0,025	FALSE
-0,111	0,311	-0,004	0,010	0,178	FALSE
-0,051	0,316	-0,002	0,012	0,071	FALSE
-0,149	0,296	-0,004	0,009	0,206	FALSE
-0,168	0,302	-0,004	0,009	0,202	FALSE
0,025	0,307	0,000	0,008	0,011	FALSE
-0,151	0,297	-0,004	0,009	0,180	FALSE
-0,017	0,306	-0,001	0,009	0,026	FALSE
0,022	0,316	0,001	0,011	0,018	FALSE
0,138	0,300	0,004	0,008	0,219	FALSE
0,051	0,308	0,002	0,008	0,069	FALSE
0,115	0,308	0,003	0,008	0,155	FALSE
0,122	0,296	0,004	0,008	0,189	FALSE

-0,044	0,301	-0,001	0,008	0,049	FALSE
-0,099	0,313	-0,003	0,012	0,108	FALSE
-0,039	0,323	-0,002	0,013	0,060	FALSE
0,112	0,311	0,004	0,012	0,148	FALSE
0,124	0,310	0,005	0,012	0,166	FALSE
0,047	0,311	0,002	0,013	0,060	FALSE
0,000	0,304	0,000	0,013	0,012	FALSE
-0,026	0,311	0,000	0,007	0,018	FALSE
-0,037	0,300	-0,001	0,010	0,028	FALSE
-0,008	0,298	0,000	0,012	0,012	FALSE
0,017	0,319	0,001	0,012	0,024	FALSE
0,000	0,313	0,000	0,013	0,005	FALSE
-0,011	0,315	0,000	0,012	0,014	FALSE
-0,068	0,296	-0,002	0,009	0,085	FALSE
-0,069	0,310	-0,001	0,007	0,080	FALSE
-0,045	0,302	-0,001	0,008	0,074	FALSE
-0,131	0,297	-0,005	0,012	0,188	FALSE
0,022	0,306	0,001	0,013	0,022	FALSE
-0,126	0,306	-0,004	0,010	0,189	FALSE
-0,001	0,315	0,000	0,013	0,012	FALSE
0,008	0,308	0,000	0,010	0,009	FALSE
-0,022	0,298	0,000	0,010	0,004	FALSE
-0,001	0,305	0,000	0,012	0,010	FALSE
0,038	0,304	0,001	0,008	0,043	FALSE
-0,230	0,303	-0,005	0,007	0,334	FALSE
-0,119	0,316	-0,003	0,007	0,139	FALSE
-0,172	0,286	-0,008	0,013	0,263	FALSE
-0,061	0,311	-0,002	0,007	0,089	FALSE
0,047	0,308	0,001	0,009	0,044	FALSE
-0,007	0,299	0,000	0,009	0,007	FALSE
0,044	0,304	0,001	0,011	0,044	FALSE
-0,115	0,308	-0,003	0,008	0,160	FALSE
0,067	0,322	0,003	0,013	0,099	FALSE
0,006	0,320	0,000	0,012	0,005	FALSE
0,109	0,310	0,003	0,008	0,157	FALSE
0,130	0,299	0,003	0,006	0,161	FALSE
-0,016	0,315	-0,001	0,009	0,022	FALSE
-0,084	0,305	-0,004	0,013	0,133	FALSE
-0,072	0,315	-0,003	0,012	0,086	FALSE
0,003	0,311	0,000	0,010	0,004	FALSE
-0,008	0,307	0,000	0,010	0,006	FALSE
0,076	0,306	0,004	0,013	0,118	FALSE
0,096	0,302	0,004	0,013	0,134	FALSE
-0,048	0,310	-0,002	0,013	0,058	FALSE
-0,026	0,320	-0,001	0,013	0,029	FALSE
-0,032	0,304	-0,001	0,012	0,039	FALSE
0,022	0,309	0,001	0,010	0,043	FALSE
0,014	0,302	0,000	0,008	0,020	FALSE
-0,026	0,310	-0,001	0,009	0,039	FALSE
0,088	0,290	0,004	0,011	0,164	FALSE
-0,043	0,316	-0,002	0,009	0,071	FALSE
0,022	0,316	0,001	0,013	0,017	FALSE
0,079	0,315	0,003	0,012	0,081	FALSE

0,096	0,296	0,003	0,012	0,105	FALSE
0,114	0,306	0,002	0,006	0,149	FALSE
0,072	0,326	0,002	0,009	0,099	FALSE
0,028	0,310	0,000	0,010	0,001	FALSE
0,070	0,309	0,002	0,008	0,088	FALSE
0,036	0,324	0,002	0,013	0,044	FALSE
0,096	0,314	0,003	0,013	0,096	FALSE
0,032	0,302	0,001	0,006	0,061	FALSE
-0,013	0,322	-0,001	0,011	0,030	FALSE
0,000	0,312	0,000	0,010	0,014	FALSE
0,000	0,298	0,001	0,007	0,033	FALSE
-0,014	0,295	0,001	0,007	0,026	FALSE
-0,050	0,307	-0,003	0,013	0,077	FALSE
-0,071	0,313	-0,003	0,011	0,100	FALSE
-0,071	0,303	-0,004	0,012	0,118	FALSE
0,088	0,303	0,003	0,012	0,096	FALSE
-0,059	0,312	-0,002	0,008	0,082	FALSE
0,094	0,312	0,002	0,008	0,112	FALSE
0,006	0,322	0,000	0,006	0,002	FALSE
-0,126	0,298	-0,004	0,010	0,152	FALSE
0,072	0,318	0,003	0,012	0,084	FALSE
0,001	0,316	0,001	0,008	0,035	FALSE
-0,071	0,306	-0,003	0,012	0,094	FALSE
-0,015	0,308	-0,001	0,009	0,028	FALSE
-0,092	0,318	-0,003	0,012	0,092	FALSE
0,086	0,304	0,004	0,011	0,122	FALSE
-0,024	0,323	-0,001	0,008	0,033	FALSE
-0,007	0,297	-0,001	0,011	0,026	FALSE
-0,144	0,296	-0,006	0,013	0,193	FALSE
0,012	0,320	0,000	0,010	0,001	FALSE
-0,113	0,297	-0,003	0,007	0,159	FALSE
0,043	0,315	0,001	0,007	0,050	FALSE
-0,077	0,297	-0,001	0,008	0,055	FALSE
-0,085	0,299	-0,002	0,008	0,074	FALSE
0,115	0,318	0,004	0,011	0,135	FALSE
0,231	0,290	0,009	0,012	0,375	FALSE
0,059	0,301	0,001	0,008	0,054	FALSE
-0,055	0,313	-0,001	0,007	0,047	FALSE
-0,036	0,315	-0,001	0,008	0,026	FALSE
-0,071	0,313	-0,001	0,007	0,059	FALSE
-0,014	0,312	-0,002	0,013	0,045	FALSE
-0,042	0,317	-0,001	0,007	0,076	FALSE
0,050	0,302	0,001	0,006	0,065	FALSE
0,023	0,304	0,000	0,008	0,013	FALSE
0,043	0,293	0,003	0,010	0,097	FALSE
-0,093	0,317	-0,002	0,009	0,106	FALSE
-0,026	0,313	-0,001	0,009	0,022	FALSE
-0,021	0,314	-0,001	0,010	0,041	FALSE
0,060	0,315	0,002	0,010	0,063	FALSE
-0,034	0,307	-0,001	0,007	0,048	FALSE
-0,016	0,302	-0,001	0,011	0,022	FALSE
-0,077	0,308	-0,002	0,007	0,103	FALSE
-0,003	0,305	-0,001	0,009	0,053	FALSE

-0,086	0,314	-0,003	0,010	0,115	FALSE
0,002	0,322	0,000	0,011	0,011	FALSE
-0,023	0,309	-0,001	0,011	0,037	FALSE
0,109	0,304	0,005	0,011	0,166	FALSE
0,077	0,303	0,003	0,009	0,127	FALSE
0,044	0,313	0,001	0,013	0,038	FALSE
0,057	0,321	0,002	0,011	0,060	FALSE
0,162	0,310	0,004	0,007	0,205	FALSE
0,027	0,309	0,000	0,008	0,019	FALSE
-0,065	0,317	-0,002	0,011	0,075	FALSE
0,021	0,299	0,000	0,011	0,011	FALSE
-0,040	0,298	-0,002	0,012	0,057	FALSE
-0,043	0,299	-0,001	0,013	0,039	FALSE
-0,043	0,298	-0,002	0,011	0,055	FALSE
0,059	0,300	0,002	0,012	0,073	FALSE
-0,130	0,295	-0,003	0,007	0,187	FALSE
-0,139	0,304	-0,003	0,007	0,190	FALSE
-0,082	0,301	-0,001	0,007	0,079	FALSE
-0,002	0,314	0,000	0,010	0,002	FALSE
-0,049	0,306	-0,001	0,013	0,037	FALSE
0,068	0,310	0,002	0,013	0,071	FALSE
-0,020	0,296	-0,002	0,011	0,068	FALSE
0,047	0,308	0,001	0,009	0,056	FALSE
0,008	0,309	0,001	0,010	0,022	FALSE
0,080	0,294	0,003	0,011	0,102	FALSE
-0,070	0,309	-0,004	0,013	0,124	FALSE
0,089	0,298	0,003	0,013	0,096	FALSE
0,075	0,305	0,002	0,009	0,081	FALSE
-0,056	0,292	-0,003	0,012	0,094	FALSE
-0,058	0,299	-0,003	0,012	0,094	FALSE
-0,065	0,307	-0,001	0,006	0,067	FALSE
-0,022	0,300	-0,001	0,008	0,036	FALSE
0,045	0,300	0,002	0,010	0,088	FALSE
0,054	0,311	0,002	0,010	0,088	FALSE
0,095	0,298	0,003	0,007	0,152	FALSE
-0,046	0,296	-0,001	0,011	0,051	FALSE
0,045	0,308	0,001	0,008	0,050	FALSE
0,020	0,316	0,000	0,007	0,018	FALSE
0,026	0,307	0,000	0,007	0,012	FALSE
0,011	0,312	0,000	0,010	0,010	FALSE
0,030	0,309	0,001	0,010	0,023	FALSE
-0,118	0,307	-0,004	0,010	0,153	FALSE
0,022	0,302	0,001	0,011	0,022	FALSE
0,024	0,308	0,001	0,011	0,023	FALSE
-0,094	0,315	-0,004	0,013	0,134	FALSE
-0,048	0,314	-0,002	0,009	0,066	FALSE
-0,133	0,310	-0,006	0,013	0,192	FALSE
-0,130	0,305	-0,005	0,013	0,174	FALSE
-0,133	0,310	-0,006	0,013	0,176	FALSE
0,073	0,308	0,003	0,012	0,095	FALSE
0,046	0,322	0,002	0,011	0,061	FALSE
0,046	0,315	0,002	0,011	0,063	FALSE
-0,001	0,311	-0,001	0,012	0,024	FALSE

0,074	0,316	0,002	0,011	0,086	FALSE
0,015	0,303	0,000	0,011	0,010	FALSE
-0,048	0,309	-0,002	0,011	0,062	FALSE
-0,067	0,317	-0,002	0,011	0,080	FALSE
0,005	0,313	0,000	0,008	0,005	FALSE
0,032	0,306	0,001	0,007	0,030	FALSE
0,009	0,311	0,000	0,009	0,004	FALSE
-0,016	0,309	0,000	0,007	0,023	FALSE
0,033	0,325	0,002	0,012	0,062	FALSE
0,083	0,307	0,002	0,007	0,116	FALSE
0,136	0,308	0,006	0,012	0,204	FALSE
-0,038	0,308	-0,001	0,009	0,029	FALSE
0,062	0,310	0,001	0,008	0,069	FALSE
-0,043	0,297	-0,001	0,007	0,048	FALSE
0,003	0,304	0,000	0,012	0,007	FALSE
0,131	0,313	0,005	0,013	0,151	FALSE
0,042	0,315	0,001	0,010	0,038	FALSE
0,066	0,306	0,001	0,010	0,048	FALSE
0,027	0,298	0,002	0,013	0,067	FALSE
0,024	0,297	0,000	0,006	0,026	FALSE
-0,010	0,287	-0,001	0,010	0,037	FALSE
-0,084	0,307	-0,002	0,007	0,105	FALSE
-0,058	0,308	-0,002	0,008	0,094	FALSE
0,099	0,297	0,003	0,009	0,138	FALSE
-0,118	0,297	-0,003	0,007	0,159	FALSE
-0,006	0,289	0,001	0,009	0,025	FALSE
0,004	0,291	0,001	0,010	0,041	FALSE
-0,017	0,301	0,000	0,007	0,009	FALSE
0,149	0,298	0,004	0,008	0,195	FALSE
0,041	0,307	0,002	0,012	0,076	FALSE
-0,089	0,302	-0,002	0,008	0,110	FALSE
-0,024	0,295	-0,001	0,007	0,031	FALSE
-0,108	0,301	-0,004	0,008	0,185	FALSE
0,114	0,311	0,003	0,008	0,171	FALSE
0,052	0,323	0,002	0,012	0,055	FALSE
-0,035	0,307	0,000	0,006	0,006	FALSE
0,118	0,291	0,004	0,010	0,138	FALSE
0,138	0,318	0,005	0,014	0,160	FALSE
-0,076	0,306	-0,003	0,012	0,108	FALSE
-0,004	0,294	0,000	0,006	0,009	FALSE
-0,039	0,311	-0,001	0,010	0,038	FALSE
-0,061	0,312	-0,002	0,009	0,067	FALSE
-0,001	0,314	0,000	0,008	0,001	FALSE
-0,031	0,317	-0,001	0,008	0,042	FALSE
-0,035	0,301	-0,001	0,012	0,039	FALSE
0,018	0,318	0,001	0,013	0,031	FALSE
-0,089	0,309	-0,005	0,012	0,145	FALSE
0,039	0,316	0,001	0,009	0,046	FALSE
-0,023	0,302	-0,001	0,008	0,036	FALSE
-0,161	0,307	-0,007	0,013	0,212	FALSE
-0,147	0,304	-0,006	0,012	0,202	FALSE
0,031	0,315	0,001	0,008	0,043	FALSE
0,009	0,307	0,001	0,007	0,030	FALSE

-0,085	0,292	-0,005	0,013	0,158	FALSE
0,033	0,304	0,001	0,006	0,043	FALSE
-0,136	0,316	-0,003	0,009	0,150	FALSE
-0,128	0,301	-0,003	0,007	0,199	FALSE
0,049	0,310	0,001	0,009	0,041	FALSE
-0,046	0,314	-0,001	0,008	0,036	FALSE
0,116	0,310	0,003	0,007	0,136	FALSE
0,129	0,312	0,004	0,013	0,139	FALSE
0,064	0,318	0,002	0,007	0,092	FALSE
0,096	0,301	0,004	0,012	0,125	FALSE
0,134	0,307	0,005	0,010	0,184	FALSE
-0,102	0,305	-0,002	0,007	0,107	FALSE
-0,144	0,300	-0,003	0,007	0,197	FALSE
-0,019	0,308	-0,001	0,008	0,026	FALSE
0,106	0,304	0,002	0,007	0,119	FALSE
0,091	0,297	0,003	0,010	0,104	FALSE
0,055	0,296	0,001	0,008	0,067	FALSE
0,007	0,313	0,000	0,006	0,020	FALSE
-0,118	0,303	-0,003	0,007	0,152	FALSE
0,043	0,307	0,001	0,012	0,022	FALSE
0,020	0,318	0,001	0,007	0,038	FALSE
-0,035	0,331	-0,001	0,011	0,041	FALSE
-0,039	0,304	-0,001	0,010	0,041	FALSE
0,010	0,314	0,000	0,008	0,013	FALSE
0,038	0,299	0,001	0,007	0,050	FALSE
0,004	0,321	0,000	0,008	0,011	FALSE
-0,047	0,301	-0,001	0,008	0,063	FALSE
-0,075	0,297	-0,002	0,008	0,091	FALSE
0,004	0,302	0,001	0,010	0,018	FALSE
-0,077	0,309	-0,003	0,013	0,101	FALSE
-0,040	0,301	-0,001	0,008	0,043	FALSE
-0,023	0,289	-0,001	0,009	0,047	FALSE
-0,073	0,299	-0,002	0,007	0,099	FALSE
0,030	0,310	0,001	0,007	0,042	FALSE
-0,071	0,296	-0,001	0,006	0,069	FALSE
-0,059	0,302	-0,001	0,006	0,065	FALSE
-0,049	0,308	-0,001	0,007	0,046	FALSE
-0,055	0,309	-0,001	0,007	0,033	FALSE
0,042	0,296	0,001	0,007	0,058	FALSE
-0,064	0,308	-0,001	0,006	0,061	FALSE
-0,019	0,299	0,000	0,008	0,022	FALSE
-0,036	0,314	-0,002	0,011	0,054	FALSE
-0,042	0,307	-0,002	0,010	0,066	FALSE
0,010	0,312	0,000	0,013	0,004	FALSE
0,024	0,297	0,001	0,007	0,057	FALSE
0,010	0,303	0,000	0,006	0,021	FALSE
-0,004	0,313	0,000	0,007	0,016	FALSE
-0,094	0,301	-0,003	0,011	0,108	FALSE
-0,007	0,308	0,000	0,011	0,002	FALSE
-0,087	0,298	-0,005	0,012	0,151	FALSE
-0,091	0,313	-0,002	0,008	0,087	FALSE
-0,086	0,301	-0,004	0,013	0,140	FALSE
0,044	0,303	0,002	0,011	0,062	FALSE

0,079	0,301	0,003	0,010	0,107	FALSE
0,085	0,313	0,003	0,012	0,109	FALSE
0,033	0,305	0,002	0,012	0,052	FALSE
-0,040	0,315	-0,001	0,006	0,058	FALSE
-0,033	0,306	-0,001	0,007	0,052	FALSE
-0,022	0,321	0,000	0,012	0,013	FALSE
0,062	0,304	0,002	0,009	0,079	FALSE
0,002	0,314	0,000	0,009	0,009	FALSE
0,101	0,305	0,003	0,008	0,144	FALSE
-0,064	0,303	-0,003	0,013	0,080	FALSE
0,010	0,299	0,001	0,007	0,055	FALSE
0,110	0,314	0,004	0,011	0,141	FALSE
0,036	0,306	0,000	0,012	0,011	FALSE
0,055	0,321	0,001	0,007	0,047	FALSE
-0,016	0,301	-0,001	0,010	0,018	FALSE
-0,057	0,302	-0,002	0,009	0,072	FALSE
-0,005	0,301	0,000	0,008	0,008	FALSE
0,014	0,308	0,000	0,007	0,010	FALSE
-0,126	0,295	-0,003	0,008	0,169	FALSE
-0,065	0,286	-0,001	0,009	0,058	FALSE
0,125	0,305	0,005	0,011	0,166	FALSE
-0,108	0,293	-0,003	0,008	0,135	FALSE
0,029	0,296	0,001	0,009	0,039	FALSE
0,034	0,312	0,001	0,013	0,029	FALSE
-0,040	0,302	-0,002	0,012	0,052	FALSE
0,114	0,294	0,003	0,007	0,205	FALSE
-0,107	0,311	-0,005	0,013	0,159	FALSE
-0,154	0,299	-0,006	0,011	0,220	FALSE
0,076	0,297	0,002	0,007	0,099	FALSE
-0,031	0,306	0,000	0,009	0,012	FALSE
0,025	0,306	0,002	0,012	0,052	FALSE
0,024	0,311	0,000	0,011	0,003	FALSE
-0,024	0,303	-0,001	0,012	0,030	FALSE
-0,125	0,311	-0,005	0,012	0,167	FALSE
-0,023	0,316	-0,001	0,012	0,042	FALSE
0,013	0,316	0,000	0,012	0,011	FALSE
-0,031	0,303	-0,001	0,012	0,021	FALSE
0,042	0,316	0,001	0,008	0,062	FALSE
-0,079	0,298	-0,003	0,012	0,100	FALSE
-0,112	0,303	-0,003	0,007	0,168	FALSE
0,002	0,303	0,000	0,007	0,004	FALSE
-0,057	0,301	-0,002	0,008	0,078	FALSE
-0,069	0,297	-0,002	0,008	0,078	FALSE
0,099	0,306	0,003	0,013	0,087	FALSE
0,002	0,315	0,001	0,008	0,030	FALSE
0,043	0,304	0,001	0,013	0,028	FALSE
0,026	0,316	0,001	0,013	0,023	FALSE
-0,026	0,310	-0,001	0,009	0,029	FALSE
0,080	0,307	0,001	0,007	0,085	FALSE
-0,026	0,301	-0,001	0,010	0,053	FALSE
0,051	0,309	0,002	0,008	0,076	FALSE
-0,093	0,311	-0,003	0,012	0,106	FALSE
-0,035	0,300	-0,001	0,009	0,055	FALSE

-0,096	0,310	-0,003	0,012	0,100	FALSE
0,087	0,300	0,002	0,006	0,114	FALSE
0,055	0,304	0,002	0,013	0,054	FALSE
-0,058	0,308	-0,001	0,007	0,061	FALSE
0,000	0,309	0,000	0,010	0,012	FALSE
0,076	0,309	0,002	0,010	0,094	FALSE
0,035	0,311	0,001	0,007	0,027	FALSE
0,036	0,313	0,001	0,008	0,032	FALSE
-0,064	0,297	-0,002	0,008	0,089	FALSE
-0,180	0,300	-0,006	0,010	0,262	FALSE
-0,066	0,305	-0,002	0,006	0,101	FALSE
0,043	0,306	0,001	0,007	0,033	FALSE
0,145	0,324	0,006	0,012	0,212	FALSE
-0,029	0,300	0,000	0,007	0,006	FALSE
-0,044	0,307	-0,002	0,013	0,058	FALSE
-0,080	0,309	-0,004	0,013	0,125	FALSE
-0,048	0,310	-0,002	0,012	0,051	FALSE
-0,113	0,297	-0,003	0,007	0,149	FALSE
-0,014	0,306	-0,001	0,007	0,041	FALSE
-0,111	0,316	-0,005	0,011	0,167	FALSE
0,028	0,293	0,002	0,012	0,048	FALSE
0,003	0,301	0,000	0,012	0,005	FALSE
-0,001	0,322	0,000	0,013	0,009	FALSE
0,071	0,312	0,002	0,012	0,066	FALSE
0,065	0,312	0,001	0,006	0,061	FALSE
0,012	0,310	0,001	0,007	0,052	FALSE
-0,032	0,309	-0,002	0,010	0,054	FALSE
-0,148	0,306	-0,004	0,008	0,192	FALSE
-0,133	0,311	-0,004	0,010	0,183	FALSE
0,105	0,304	0,002	0,007	0,128	FALSE
-0,029	0,319	0,000	0,011	0,005	FALSE
-0,065	0,287	-0,003	0,012	0,102	FALSE
-0,081	0,303	-0,002	0,008	0,095	FALSE
-0,069	0,293	-0,002	0,011	0,058	FALSE
0,104	0,294	0,004	0,012	0,132	FALSE
0,115	0,306	0,005	0,013	0,150	FALSE
0,082	0,320	0,002	0,007	0,083	FALSE
0,052	0,309	0,001	0,006	0,036	FALSE
-0,034	0,295	-0,001	0,011	0,026	FALSE
-0,042	0,328	-0,003	0,014	0,071	FALSE
0,023	0,311	0,001	0,008	0,042	FALSE
-0,162	0,314	-0,007	0,013	0,211	FALSE
0,015	0,305	0,001	0,007	0,041	FALSE
0,004	0,304	0,000	0,013	0,008	FALSE
0,071	0,300	0,002	0,012	0,074	FALSE
0,094	0,303	0,004	0,009	0,154	FALSE
-0,045	0,307	-0,001	0,012	0,043	FALSE
0,082	0,290	0,003	0,010	0,101	FALSE
-0,081	0,318	-0,003	0,009	0,109	FALSE
-0,057	0,327	-0,002	0,013	0,057	FALSE
-0,040	0,319	-0,001	0,008	0,037	FALSE
0,138	0,302	0,005	0,010	0,195	FALSE
0,083	0,311	0,002	0,008	0,092	FALSE

-0,078	0,289	-0,004	0,012	0,141	FALSE
0,026	0,322	0,000	0,009	0,003	FALSE
0,066	0,321	0,002	0,013	0,070	FALSE
-0,051	0,318	-0,002	0,010	0,067	FALSE
-0,001	0,322	0,000	0,013	0,007	FALSE
0,102	0,309	0,003	0,007	0,167	FALSE
-0,090	0,305	-0,002	0,007	0,128	FALSE
-0,001	0,315	0,000	0,007	0,005	FALSE
-0,042	0,300	-0,002	0,007	0,088	FALSE
-0,037	0,319	-0,002	0,008	0,084	FALSE
-0,042	0,314	-0,002	0,007	0,097	FALSE
-0,050	0,305	-0,002	0,007	0,098	FALSE
-0,008	0,305	0,000	0,007	0,010	FALSE
0,031	0,298	0,000	0,010	0,014	FALSE
0,091	0,296	0,002	0,007	0,151	FALSE
-0,039	0,320	-0,002	0,009	0,064	FALSE
-0,091	0,310	-0,002	0,006	0,113	FALSE
-0,031	0,306	-0,001	0,010	0,029	FALSE
-0,066	0,312	-0,002	0,011	0,061	FALSE
-0,030	0,307	-0,001	0,010	0,042	FALSE
0,013	0,298	0,000	0,011	0,003	FALSE
-0,022	0,298	0,000	0,012	0,013	FALSE
-0,034	0,294	0,000	0,013	0,014	FALSE
-0,014	0,299	0,000	0,006	0,024	FALSE
-0,112	0,308	-0,004	0,012	0,139	FALSE
-0,018	0,307	0,000	0,007	0,020	FALSE
-0,007	0,313	-0,001	0,013	0,014	FALSE
0,055	0,305	0,001	0,007	0,043	FALSE
-0,002	0,298	0,001	0,011	0,035	FALSE
0,012	0,303	0,000	0,013	0,001	FALSE
0,121	0,313	0,006	0,012	0,186	FALSE
-0,030	0,310	-0,001	0,009	0,039	FALSE
0,060	0,306	0,002	0,012	0,074	FALSE
0,022	0,300	0,001	0,006	0,046	FALSE
-0,058	0,296	-0,001	0,007	0,077	FALSE
-0,001	0,303	-0,001	0,011	0,017	FALSE
0,105	0,290	0,004	0,012	0,138	FALSE
0,028	0,316	0,000	0,012	0,015	FALSE
0,006	0,304	0,001	0,013	0,026	FALSE
-0,009	0,309	0,000	0,012	0,008	FALSE
-0,122	0,305	-0,003	0,007	0,162	FALSE
-0,122	0,325	-0,003	0,008	0,166	FALSE
-0,035	0,297	-0,001	0,007	0,027	FALSE
-0,020	0,310	0,000	0,006	0,019	FALSE
-0,013	0,297	-0,002	0,012	0,056	FALSE
0,050	0,294	0,001	0,009	0,039	FALSE
0,025	0,304	0,001	0,007	0,065	FALSE
0,022	0,309	0,000	0,009	0,005	FALSE
-0,120	0,307	-0,004	0,010	0,154	FALSE
-0,040	0,308	-0,002	0,012	0,048	FALSE
-0,009	0,305	-0,001	0,012	0,021	FALSE
-0,127	0,297	-0,004	0,010	0,160	FALSE
0,141	0,312	0,004	0,009	0,180	FALSE

0,128	0,317	0,003	0,008	0,156	FALSE
0,104	0,316	0,003	0,009	0,115	FALSE
0,142	0,303	0,004	0,009	0,201	FALSE
-0,057	0,313	-0,002	0,011	0,054	FALSE
-0,174	0,314	-0,006	0,011	0,226	FALSE
0,086	0,327	0,004	0,013	0,113	FALSE
0,022	0,318	0,000	0,007	0,016	FALSE
0,179	0,290	0,006	0,011	0,227	FALSE
0,154	0,308	0,005	0,010	0,197	FALSE
0,027	0,310	0,001	0,012	0,039	FALSE
0,007	0,291	0,000	0,009	0,015	FALSE
0,057	0,304	0,002	0,008	0,096	FALSE
0,059	0,319	0,002	0,012	0,068	FALSE
0,033	0,324	0,001	0,013	0,031	FALSE
0,038	0,316	0,002	0,013	0,048	FALSE
0,032	0,305	0,001	0,010	0,027	FALSE
0,071	0,308	0,001	0,007	0,081	FALSE
-0,013	0,300	-0,001	0,009	0,033	FALSE
0,041	0,311	0,001	0,007	0,048	FALSE
0,018	0,308	0,000	0,007	0,012	FALSE
-0,004	0,303	0,000	0,006	0,019	FALSE
0,064	0,306	0,001	0,007	0,080	FALSE
0,049	0,299	0,001	0,006	0,067	FALSE
-0,010	0,296	0,000	0,011	0,003	FALSE
-0,151	0,298	-0,004	0,007	0,231	FALSE
0,124	0,306	0,005	0,011	0,187	FALSE
0,100	0,295	0,002	0,006	0,104	FALSE
0,000	0,299	0,000	0,010	0,006	FALSE
0,065	0,311	0,003	0,009	0,114	FALSE
-0,085	0,318	-0,003	0,012	0,104	FALSE
0,059	0,295	0,003	0,012	0,084	FALSE
0,103	0,298	0,003	0,007	0,144	FALSE
-0,118	0,302	-0,004	0,010	0,162	FALSE
-0,027	0,317	-0,001	0,010	0,052	FALSE
-0,121	0,296	-0,004	0,010	0,176	FALSE
-0,096	0,296	-0,002	0,009	0,106	FALSE
0,029	0,312	0,001	0,012	0,025	FALSE
-0,058	0,308	-0,002	0,008	0,083	FALSE
-0,064	0,292	-0,002	0,011	0,066	FALSE
0,025	0,303	0,001	0,011	0,023	FALSE
-0,016	0,298	-0,001	0,007	0,028	FALSE
-0,057	0,311	-0,002	0,008	0,076	FALSE
-0,030	0,295	-0,001	0,008	0,026	FALSE
0,059	0,300	0,001	0,008	0,064	FALSE
-0,101	0,282	-0,003	0,009	0,136	FALSE
0,005	0,324	0,000	0,013	0,012	FALSE
0,029	0,315	0,001	0,013	0,040	FALSE
-0,001	0,312	0,000	0,011	0,012	FALSE
0,059	0,294	0,001	0,006	0,068	FALSE
0,082	0,314	0,003	0,010	0,106	FALSE
0,057	0,303	0,002	0,011	0,059	FALSE
0,013	0,328	0,000	0,010	0,011	FALSE
0,039	0,305	0,001	0,011	0,024	TRUE

0,037	0,314	0,001	0,011	0,027	FALSE
-0,013	0,318	-0,001	0,009	0,028	FALSE
0,077	0,302	0,003	0,008	0,117	FALSE
-0,113	0,307	-0,004	0,013	0,130	FALSE
-0,062	0,311	-0,002	0,013	0,070	FALSE
0,058	0,299	0,002	0,012	0,059	FALSE
0,003	0,315	0,000	0,007	0,018	FALSE
0,039	0,291	0,000	0,010	0,000	FALSE
0,069	0,307	0,001	0,006	0,071	FALSE
0,074	0,301	0,001	0,006	0,071	FALSE
0,006	0,320	0,000	0,008	0,006	FALSE
0,040	0,299	0,001	0,007	0,054	FALSE
-0,038	0,300	-0,001	0,011	0,036	FALSE
0,043	0,310	0,001	0,012	0,036	FALSE
0,065	0,303	0,002	0,009	0,085	FALSE
0,054	0,299	0,001	0,013	0,036	FALSE
-0,079	0,310	-0,002	0,009	0,100	FALSE
0,026	0,311	0,001	0,008	0,047	FALSE
0,049	0,319	0,002	0,010	0,077	FALSE
0,052	0,294	0,002	0,013	0,066	FALSE
-0,079	0,306	-0,001	0,007	0,077	FALSE
0,028	0,305	0,002	0,010	0,062	FALSE
0,024	0,310	0,001	0,007	0,055	FALSE
-0,075	0,309	-0,002	0,008	0,081	FALSE
0,230	0,301	0,010	0,013	0,351	FALSE
-0,051	0,299	-0,001	0,007	0,052	FALSE
-0,026	0,302	-0,001	0,009	0,031	FALSE
0,094	0,310	0,004	0,012	0,135	FALSE
0,092	0,296	0,004	0,012	0,121	FALSE
-0,094	0,324	-0,004	0,012	0,126	FALSE
0,052	0,310	0,001	0,009	0,058	FALSE
-0,109	0,297	-0,002	0,007	0,139	FALSE
-0,166	0,299	-0,005	0,009	0,235	FALSE
-0,008	0,313	0,000	0,013	0,003	FALSE
0,041	0,304	0,003	0,012	0,078	FALSE
0,069	0,302	0,001	0,007	0,070	FALSE
0,015	0,297	0,000	0,011	0,016	FALSE
0,030	0,302	0,001	0,010	0,028	FALSE
-0,059	0,313	-0,002	0,011	0,063	FALSE
-0,014	0,297	-0,001	0,010	0,027	FALSE
0,009	0,296	0,000	0,007	0,011	FALSE
0,000	0,311	0,000	0,013	0,010	FALSE
0,037	0,305	0,001	0,010	0,039	FALSE
0,011	0,310	0,001	0,009	0,037	FALSE
-0,005	0,308	0,000	0,008	0,015	FALSE
-0,067	0,300	-0,002	0,012	0,072	FALSE
-0,012	0,316	0,000	0,010	0,002	FALSE
0,033	0,308	0,002	0,007	0,085	FALSE
-0,101	0,313	-0,003	0,007	0,146	FALSE
-0,145	0,294	-0,006	0,012	0,197	FALSE
-0,068	0,310	-0,002	0,010	0,086	FALSE
-0,022	0,324	0,000	0,013	0,002	FALSE
-0,061	0,318	-0,001	0,008	0,045	FALSE

-0,035	0,311	-0,001	0,012	0,019	FALSE
0,140	0,296	0,004	0,009	0,180	FALSE
-0,103	0,309	-0,002	0,007	0,140	FALSE
-0,118	0,302	-0,003	0,006	0,161	FALSE
-0,159	0,321	-0,004	0,008	0,193	FALSE
-0,048	0,316	-0,002	0,013	0,053	FALSE
0,134	0,317	0,004	0,008	0,215	FALSE
0,040	0,296	0,002	0,012	0,052	FALSE
-0,075	0,305	-0,002	0,006	0,121	FALSE
0,044	0,296	0,002	0,011	0,083	FALSE
-0,128	0,326	-0,003	0,007	0,158	FALSE
0,053	0,305	0,003	0,009	0,120	FALSE
0,021	0,316	0,001	0,010	0,027	FALSE
0,077	0,304	0,003	0,011	0,098	FALSE
-0,011	0,307	-0,001	0,006	0,029	FALSE
-0,189	0,287	-0,007	0,011	0,283	FALSE
-0,213	0,297	-0,009	0,012	0,332	FALSE
-0,016	0,303	0,000	0,007	0,002	FALSE
-0,006	0,300	0,000	0,006	0,014	FALSE
0,019	0,315	0,001	0,011	0,020	FALSE
-0,021	0,309	-0,001	0,008	0,043	FALSE
0,000	0,311	0,000	0,013	0,010	FALSE
0,030	0,307	0,001	0,008	0,052	FALSE
0,030	0,320	0,001	0,007	0,035	FALSE
0,126	0,307	0,003	0,007	0,179	FALSE
-0,078	0,314	-0,003	0,009	0,113	FALSE
-0,057	0,306	-0,001	0,007	0,062	FALSE
0,033	0,304	0,001	0,012	0,045	FALSE
0,022	0,299	0,001	0,012	0,031	FALSE
-0,108	0,310	-0,004	0,011	0,146	FALSE
0,231	0,290	0,008	0,011	0,329	FALSE
0,113	0,322	0,004	0,012	0,132	FALSE
0,112	0,302	0,004	0,009	0,166	FALSE
-0,194	0,307	-0,008	0,012	0,285	FALSE
0,028	0,316	0,001	0,010	0,043	FALSE
0,016	0,322	0,000	0,007	0,022	FALSE
-0,013	0,319	-0,001	0,011	0,042	FALSE
-0,127	0,307	-0,002	0,006	0,140	FALSE
-0,106	0,308	-0,002	0,006	0,145	FALSE
-0,076	0,318	-0,003	0,013	0,095	FALSE
0,107	0,309	0,004	0,010	0,150	FALSE
0,126	0,299	0,005	0,011	0,189	FALSE
-0,027	0,317	-0,001	0,009	0,034	FALSE
-0,132	0,282	-0,003	0,008	0,173	FALSE
-0,039	0,299	-0,001	0,012	0,029	FALSE
-0,118	0,306	-0,005	0,012	0,154	FALSE
-0,180	0,292	-0,005	0,008	0,249	FALSE
0,155	0,311	0,005	0,012	0,177	FALSE
0,025	0,302	0,001	0,010	0,049	FALSE
0,047	0,304	0,001	0,011	0,034	FALSE
-0,018	0,307	-0,001	0,012	0,015	FALSE
-0,133	0,297	-0,003	0,007	0,164	FALSE
0,109	0,294	0,004	0,010	0,144	FALSE

0,019	0,311	0,002	0,013	0,049	FALSE
-0,162	0,299	-0,004	0,007	0,228	FALSE
-0,071	0,303	-0,002	0,009	0,080	FALSE
0,038	0,311	0,001	0,006	0,058	FALSE
0,069	0,310	0,002	0,007	0,087	FALSE
-0,018	0,312	0,000	0,008	0,021	FALSE
-0,051	0,304	-0,001	0,007	0,048	FALSE
-0,042	0,309	-0,002	0,013	0,066	FALSE
0,087	0,308	0,002	0,006	0,114	FALSE
-0,003	0,310	0,000	0,011	0,015	FALSE
0,109	0,307	0,004	0,011	0,125	FALSE
-0,147	0,313	-0,006	0,013	0,189	FALSE
-0,107	0,298	-0,005	0,012	0,146	FALSE
0,026	0,301	0,001	0,007	0,041	FALSE
0,032	0,311	0,001	0,008	0,042	FALSE
0,025	0,325	0,001	0,010	0,018	FALSE
-0,013	0,304	0,000	0,010	0,002	FALSE
-0,010	0,306	-0,001	0,011	0,026	FALSE
-0,068	0,300	-0,001	0,006	0,058	FALSE
-0,026	0,312	-0,001	0,008	0,031	FALSE
0,058	0,305	0,002	0,011	0,068	FALSE
-0,015	0,324	0,000	0,013	0,013	FALSE
-0,011	0,310	-0,001	0,012	0,017	FALSE
-0,127	0,304	-0,003	0,008	0,159	FALSE
-0,062	0,311	-0,002	0,008	0,084	FALSE
-0,075	0,293	-0,003	0,010	0,113	FALSE
-0,048	0,297	-0,001	0,009	0,049	FALSE
-0,090	0,303	-0,003	0,010	0,134	FALSE
0,081	0,313	0,004	0,013	0,110	FALSE
0,072	0,310	0,003	0,012	0,107	FALSE
-0,087	0,303	-0,004	0,010	0,143	FALSE
0,057	0,308	0,001	0,009	0,056	FALSE
-0,071	0,306	-0,004	0,013	0,117	FALSE
-0,143	0,308	-0,005	0,011	0,190	FALSE
-0,035	0,297	-0,002	0,010	0,056	FALSE
-0,060	0,317	-0,002	0,008	0,107	FALSE
0,035	0,303	0,001	0,008	0,049	FALSE
0,037	0,309	0,001	0,006	0,029	FALSE
-0,039	0,301	-0,001	0,009	0,043	FALSE
-0,045	0,317	-0,001	0,008	0,061	FALSE
-0,065	0,320	-0,002	0,009	0,088	FALSE
-0,045	0,322	-0,001	0,011	0,049	FALSE
0,071	0,290	0,004	0,013	0,132	FALSE
-0,139	0,294	-0,005	0,011	0,176	FALSE
-0,121	0,299	-0,004	0,011	0,144	FALSE
0,016	0,317	0,001	0,010	0,022	FALSE
-0,116	0,308	-0,003	0,009	0,147	FALSE
0,091	0,311	0,002	0,007	0,078	FALSE
-0,128	0,298	-0,002	0,007	0,149	FALSE
0,121	0,305	0,004	0,008	0,183	FALSE
0,148	0,294	0,004	0,008	0,206	FALSE
0,025	0,311	0,001	0,010	0,044	FALSE
0,011	0,306	0,001	0,008	0,029	FALSE

-0,036	0,310	-0,002	0,012	0,051	FALSE
-0,004	0,318	-0,001	0,011	0,031	FALSE
-0,056	0,310	-0,002	0,011	0,083	FALSE
0,045	0,298	0,001	0,009	0,052	FALSE
0,043	0,311	0,002	0,012	0,057	FALSE
-0,110	0,321	-0,003	0,009	0,147	FALSE
-0,055	0,315	-0,002	0,013	0,070	FALSE
-0,070	0,318	-0,001	0,007	0,057	FALSE
0,048	0,291	0,001	0,008	0,068	FALSE
0,041	0,324	0,001	0,007	0,036	FALSE
-0,051	0,310	-0,002	0,013	0,065	FALSE
0,001	0,308	0,000	0,012	0,001	FALSE
-0,035	0,304	-0,002	0,013	0,048	FALSE
-0,073	0,305	-0,002	0,010	0,064	FALSE
0,068	0,303	0,003	0,012	0,089	FALSE
0,057	0,301	0,002	0,009	0,078	FALSE
0,119	0,275	0,003	0,007	0,175	FALSE
0,043	0,302	0,002	0,008	0,070	FALSE
0,106	0,299	0,002	0,007	0,125	FALSE
0,002	0,298	0,000	0,010	0,006	FALSE
0,034	0,317	0,001	0,006	0,050	FALSE
-0,084	0,308	-0,004	0,012	0,126	FALSE
-0,079	0,305	-0,004	0,012	0,135	FALSE
0,079	0,300	0,003	0,011	0,098	FALSE
-0,027	0,307	-0,001	0,009	0,045	FALSE
-0,065	0,309	-0,003	0,013	0,094	FALSE
0,042	0,324	0,002	0,013	0,066	FALSE
-0,026	0,307	0,000	0,008	0,002	FALSE
0,005	0,311	0,001	0,011	0,023	FALSE
0,034	0,322	0,002	0,011	0,062	FALSE
0,040	0,312	0,001	0,009	0,055	FALSE
-0,037	0,307	-0,001	0,011	0,040	FALSE
-0,034	0,298	0,000	0,007	0,006	FALSE
-0,111	0,313	-0,003	0,007	0,177	FALSE
0,016	0,300	0,001	0,012	0,024	FALSE
-0,031	0,310	-0,001	0,007	0,034	FALSE
0,105	0,314	0,003	0,010	0,140	FALSE
0,072	0,316	0,002	0,008	0,079	FALSE
0,022	0,312	0,001	0,010	0,051	FALSE
-0,107	0,302	-0,004	0,011	0,134	FALSE
0,140	0,284	0,003	0,007	0,192	FALSE
0,109	0,307	0,003	0,008	0,154	FALSE
-0,038	0,318	-0,001	0,012	0,028	FALSE
-0,020	0,299	0,000	0,007	0,024	FALSE
-0,123	0,303	-0,005	0,013	0,161	FALSE
0,129	0,299	0,002	0,006	0,157	FALSE
0,077	0,292	0,002	0,007	0,086	FALSE
0,048	0,302	0,001	0,006	0,057	FALSE
0,024	0,306	0,000	0,007	0,003	FALSE
0,012	0,299	0,000	0,008	0,005	FALSE
0,005	0,305	0,000	0,008	0,011	FALSE
-0,002	0,297	0,000	0,008	0,000	FALSE
-0,009	0,309	0,000	0,008	0,005	FALSE

0,007	0,296	0,001	0,009	0,037	FALSE
0,014	0,300	0,001	0,008	0,025	FALSE
0,016	0,301	0,001	0,010	0,036	FALSE
0,004	0,297	0,001	0,010	0,037	FALSE
0,028	0,307	0,001	0,013	0,038	FALSE
0,044	0,298	0,001	0,007	0,052	FALSE
0,051	0,313	0,002	0,011	0,061	FALSE
0,064	0,306	0,002	0,010	0,077	FALSE
0,006	0,311	0,001	0,009	0,021	FALSE
-0,057	0,305	-0,001	0,008	0,060	FALSE
-0,064	0,307	-0,002	0,007	0,092	FALSE
0,081	0,319	0,002	0,008	0,107	FALSE
0,091	0,292	0,004	0,009	0,158	FALSE
-0,016	0,300	-0,001	0,012	0,027	FALSE
-0,077	0,300	-0,002	0,010	0,094	FALSE
-0,026	0,309	-0,001	0,010	0,037	FALSE
-0,164	0,297	-0,006	0,011	0,249	FALSE
0,081	0,311	0,002	0,008	0,082	FALSE
0,073	0,303	0,003	0,009	0,111	FALSE
-0,111	0,317	-0,005	0,013	0,156	FALSE
0,029	0,322	0,001	0,009	0,047	FALSE
-0,022	0,308	-0,001	0,007	0,030	FALSE
0,035	0,315	0,001	0,009	0,057	FALSE
-0,019	0,310	-0,001	0,009	0,053	FALSE
0,043	0,312	0,002	0,011	0,060	FALSE
0,044	0,313	0,001	0,010	0,044	FALSE
0,042	0,302	0,002	0,013	0,046	FALSE
-0,014	0,304	-0,001	0,010	0,040	FALSE
0,081	0,300	0,003	0,011	0,118	FALSE
0,045	0,319	0,001	0,009	0,060	FALSE
0,113	0,300	0,002	0,008	0,121	FALSE
-0,003	0,309	0,000	0,012	0,013	FALSE
-0,026	0,308	0,000	0,007	0,013	FALSE
0,102	0,305	0,002	0,007	0,111	FALSE
-0,079	0,309	-0,003	0,013	0,100	FALSE
0,087	0,310	0,002	0,009	0,081	FALSE
-0,015	0,301	-0,001	0,013	0,021	FALSE
-0,105	0,296	-0,004	0,012	0,155	FALSE
0,045	0,301	0,001	0,008	0,042	FALSE
0,020	0,302	0,001	0,007	0,043	FALSE
0,055	0,315	0,001	0,008	0,060	FALSE
-0,073	0,315	-0,001	0,007	0,060	FALSE
-0,048	0,314	-0,001	0,006	0,041	FALSE
0,111	0,306	0,005	0,012	0,150	FALSE
0,028	0,304	0,001	0,009	0,042	FALSE
0,049	0,311	0,001	0,006	0,052	FALSE
-0,060	0,305	-0,002	0,012	0,081	FALSE
0,076	0,319	0,003	0,013	0,076	FALSE
0,145	0,302	0,004	0,008	0,183	FALSE
-0,019	0,318	-0,001	0,011	0,022	FALSE
-0,027	0,303	0,000	0,008	0,011	FALSE
-0,056	0,300	-0,001	0,007	0,066	FALSE
-0,087	0,304	-0,003	0,009	0,128	FALSE

-0,078	0,307	-0,003	0,010	0,115	FALSE
-0,136	0,308	-0,004	0,011	0,160	FALSE
0,065	0,311	0,001	0,007	0,073	FALSE
0,083	0,308	0,003	0,008	0,134	FALSE
0,133	0,302	0,005	0,011	0,185	FALSE
-0,069	0,321	-0,002	0,008	0,091	FALSE
-0,027	0,308	-0,001	0,007	0,041	FALSE
0,084	0,305	0,003	0,011	0,092	FALSE
-0,002	0,307	-0,001	0,007	0,029	FALSE
-0,031	0,305	-0,002	0,010	0,061	FALSE
-0,023	0,312	0,000	0,008	0,001	FALSE
0,083	0,309	0,004	0,011	0,136	FALSE
-0,034	0,311	-0,002	0,010	0,063	FALSE
0,015	0,303	0,001	0,008	0,033	FALSE
-0,057	0,309	-0,001	0,009	0,039	FALSE
0,053	0,312	0,002	0,007	0,081	FALSE
0,002	0,319	-0,001	0,013	0,021	FALSE
-0,013	0,310	0,000	0,010	0,007	FALSE
0,005	0,313	0,000	0,013	0,004	FALSE
0,035	0,309	0,001	0,011	0,041	FALSE
-0,107	0,305	-0,004	0,011	0,149	FALSE
-0,044	0,296	-0,002	0,010	0,063	FALSE
0,006	0,305	0,000	0,007	0,002	FALSE
-0,022	0,301	-0,001	0,007	0,031	FALSE
0,035	0,292	0,001	0,006	0,034	FALSE
0,024	0,289	0,000	0,007	0,004	FALSE
-0,055	0,322	-0,001	0,009	0,048	FALSE
-0,043	0,317	-0,001	0,008	0,046	FALSE
-0,203	0,287	-0,008	0,011	0,330	FALSE
0,052	0,301	0,001	0,008	0,037	FALSE
-0,023	0,314	0,000	0,007	0,016	FALSE
0,008	0,302	0,001	0,007	0,039	FALSE
0,061	0,313	0,002	0,007	0,078	FALSE
0,149	0,301	0,004	0,008	0,225	FALSE
-0,006	0,312	0,000	0,011	0,014	FALSE
0,084	0,306	0,003	0,008	0,134	FALSE
0,077	0,314	0,002	0,007	0,098	FALSE
0,083	0,310	0,002	0,008	0,108	FALSE
-0,037	0,305	-0,001	0,007	0,044	FALSE
-0,026	0,303	-0,001	0,013	0,026	FALSE
0,033	0,317	0,001	0,011	0,036	FALSE
0,024	0,307	0,001	0,013	0,026	FALSE
-0,054	0,316	-0,002	0,008	0,082	FALSE
0,018	0,312	0,001	0,010	0,032	FALSE
0,041	0,312	0,001	0,010	0,052	FALSE
-0,008	0,311	0,000	0,007	0,023	FALSE
-0,119	0,289	-0,003	0,010	0,134	FALSE
0,006	0,305	-0,001	0,011	0,020	FALSE
0,046	0,307	0,001	0,009	0,031	FALSE
-0,094	0,293	-0,003	0,011	0,129	FALSE
-0,019	0,319	0,000	0,009	0,020	FALSE
0,020	0,309	0,001	0,009	0,022	FALSE
-0,055	0,303	-0,002	0,009	0,070	FALSE

0,076	0,307	0,003	0,010	0,101	FALSE
-0,062	0,311	-0,001	0,007	0,055	FALSE
0,102	0,307	0,003	0,007	0,152	FALSE
-0,015	0,306	0,000	0,011	0,009	FALSE
-0,053	0,310	-0,001	0,007	0,062	FALSE
0,068	0,326	0,002	0,012	0,061	FALSE
0,059	0,302	0,001	0,010	0,045	FALSE
-0,008	0,313	0,000	0,008	0,005	FALSE
-0,030	0,295	0,000	0,006	0,020	FALSE
0,020	0,310	0,000	0,012	0,005	FALSE
0,051	0,306	0,002	0,011	0,065	FALSE
0,038	0,314	0,001	0,013	0,021	FALSE
0,110	0,297	0,002	0,008	0,123	FALSE
0,120	0,297	0,004	0,011	0,151	FALSE
0,136	0,303	0,003	0,008	0,161	FALSE
0,135	0,298	0,003	0,007	0,144	FALSE
0,029	0,308	0,001	0,010	0,036	FALSE
0,110	0,306	0,003	0,008	0,137	FALSE
-0,023	0,301	-0,001	0,010	0,028	FALSE
0,024	0,307	0,001	0,011	0,038	FALSE
0,102	0,300	0,002	0,007	0,134	FALSE
0,044	0,305	0,001	0,008	0,063	FALSE
0,001	0,306	0,000	0,008	0,013	FALSE
-0,025	0,317	0,000	0,008	0,016	FALSE
0,017	0,313	0,001	0,008	0,035	FALSE
-0,008	0,311	0,000	0,009	0,008	FALSE
0,042	0,302	0,001	0,013	0,039	FALSE
-0,090	0,300	-0,002	0,006	0,120	FALSE
0,021	0,321	0,000	0,007	0,021	FALSE
0,091	0,296	0,003	0,012	0,101	FALSE
-0,093	0,294	-0,004	0,012	0,153	FALSE
0,151	0,295	0,007	0,012	0,234	FALSE
-0,198	0,284	-0,009	0,012	0,364	FALSE
0,043	0,309	0,002	0,010	0,071	FALSE
0,116	0,301	0,005	0,012	0,175	FALSE
0,035	0,299	0,002	0,011	0,059	FALSE
-0,008	0,306	0,000	0,010	0,002	FALSE
0,043	0,296	0,002	0,011	0,078	FALSE
-0,078	0,315	-0,002	0,007	0,106	FALSE
0,046	0,294	0,001	0,011	0,042	FALSE
0,025	0,297	0,001	0,010	0,045	FALSE
-0,060	0,306	-0,003	0,012	0,086	FALSE
-0,053	0,300	-0,002	0,010	0,073	FALSE
0,040	0,315	0,001	0,012	0,044	FALSE
0,066	0,310	0,004	0,011	0,125	FALSE
-0,073	0,312	-0,003	0,012	0,094	FALSE
-0,080	0,295	-0,003	0,009	0,130	FALSE
-0,066	0,316	-0,003	0,012	0,089	FALSE
-0,037	0,308	-0,002	0,012	0,046	FALSE
0,208	0,290	0,008	0,009	0,391	FALSE
0,080	0,308	0,002	0,010	0,073	FALSE
0,066	0,312	0,002	0,010	0,068	FALSE
0,028	0,315	0,001	0,006	0,035	FALSE

0,060	0,309	0,001	0,012	0,041	FALSE
-0,028	0,310	-0,001	0,007	0,040	FALSE
0,010	0,308	0,001	0,008	0,030	FALSE
0,034	0,309	0,001	0,013	0,036	FALSE
-0,074	0,303	-0,002	0,009	0,079	FALSE
-0,045	0,321	-0,002	0,013	0,067	FALSE
0,005	0,303	0,000	0,012	0,007	FALSE
0,035	0,308	0,001	0,013	0,020	FALSE
0,002	0,311	-0,001	0,013	0,023	FALSE
-0,043	0,308	-0,002	0,013	0,051	FALSE
0,025	0,302	0,002	0,010	0,058	FALSE
0,039	0,294	0,001	0,007	0,074	FALSE
-0,039	0,303	-0,002	0,012	0,050	FALSE
-0,060	0,305	-0,003	0,013	0,086	FALSE
0,048	0,291	0,002	0,008	0,073	FALSE
-0,033	0,297	-0,001	0,006	0,048	FALSE
-0,137	0,301	-0,005	0,009	0,261	FALSE
-0,014	0,302	0,000	0,006	0,001	FALSE
0,047	0,305	0,001	0,007	0,049	FALSE
0,064	0,294	0,001	0,006	0,071	FALSE
0,064	0,322	0,003	0,009	0,108	FALSE
-0,073	0,305	-0,001	0,007	0,074	FALSE
0,085	0,310	0,003	0,010	0,117	FALSE
-0,121	0,291	-0,004	0,011	0,147	FALSE
0,050	0,308	0,002	0,012	0,072	FALSE
-0,056	0,303	-0,001	0,006	0,077	FALSE
-0,136	0,321	-0,004	0,009	0,177	FALSE
0,029	0,302	0,001	0,007	0,061	FALSE
0,044	0,292	0,002	0,012	0,059	FALSE
-0,105	0,293	-0,005	0,012	0,162	FALSE
0,081	0,293	0,004	0,012	0,148	FALSE
0,112	0,292	0,005	0,012	0,182	FALSE
-0,009	0,295	-0,001	0,011	0,043	FALSE
-0,050	0,310	-0,002	0,009	0,090	FALSE
0,022	0,313	0,000	0,013	0,006	FALSE
0,019	0,298	0,000	0,007	0,001	FALSE
-0,030	0,305	-0,001	0,008	0,047	FALSE
0,023	0,307	0,000	0,009	0,006	FALSE
0,132	0,293	0,005	0,012	0,178	FALSE
0,034	0,297	0,001	0,012	0,042	FALSE
-0,122	0,310	-0,004	0,009	0,171	FALSE
0,139	0,296	0,006	0,011	0,228	FALSE
0,065	0,302	0,002	0,010	0,062	FALSE
0,096	0,311	0,002	0,007	0,136	FALSE
0,005	0,304	0,000	0,010	0,006	FALSE
-0,050	0,293	-0,001	0,006	0,069	FALSE
0,091	0,314	0,003	0,008	0,136	FALSE
-0,076	0,316	-0,002	0,009	0,084	FALSE
0,023	0,290	0,001	0,007	0,057	FALSE
-0,165	0,301	-0,007	0,013	0,244	FALSE
0,038	0,308	0,001	0,011	0,034	FALSE
0,067	0,310	0,002	0,013	0,054	FALSE
0,180	0,318	0,003	0,006	0,214	FALSE

0,116	0,291	0,002	0,007	0,139	FALSE
0,086	0,312	0,002	0,007	0,096	FALSE
-0,021	0,307	-0,001	0,012	0,040	FALSE
0,012	0,313	0,000	0,007	0,005	FALSE
0,054	0,316	0,002	0,009	0,066	FALSE
0,158	0,295	0,005	0,009	0,234	FALSE
0,109	0,301	0,004	0,010	0,155	FALSE
0,091	0,301	0,002	0,006	0,148	FALSE
-0,027	0,309	-0,001	0,013	0,032	FALSE
-0,035	0,317	-0,002	0,011	0,050	FALSE
-0,165	0,291	-0,006	0,010	0,278	FALSE
-0,066	0,310	-0,002	0,007	0,090	FALSE
-0,086	0,300	-0,004	0,013	0,124	FALSE
-0,166	0,304	-0,006	0,010	0,271	FALSE
0,078	0,288	0,002	0,009	0,097	FALSE
0,051	0,302	0,001	0,009	0,054	FALSE
-0,067	0,310	-0,003	0,012	0,092	FALSE
0,005	0,301	0,001	0,010	0,021	FALSE
0,016	0,319	0,000	0,009	0,010	FALSE
0,094	0,305	0,002	0,007	0,131	FALSE
0,129	0,302	0,004	0,010	0,150	FALSE
-0,105	0,317	-0,003	0,010	0,118	FALSE
0,050	0,309	0,001	0,009	0,058	FALSE
0,000	0,307	0,000	0,012	0,015	FALSE
0,085	0,309	0,003	0,009	0,135	FALSE
0,081	0,305	0,003	0,013	0,101	FALSE
0,077	0,313	0,002	0,010	0,088	FALSE
0,036	0,323	0,002	0,013	0,059	FALSE
0,080	0,306	0,003	0,013	0,103	FALSE
0,135	0,306	0,004	0,008	0,211	FALSE
-0,041	0,324	-0,001	0,012	0,036	FALSE
-0,123	0,313	-0,004	0,010	0,173	FALSE
-0,018	0,303	-0,001	0,012	0,017	FALSE
-0,022	0,305	-0,001	0,011	0,038	FALSE
0,028	0,298	0,001	0,013	0,026	FALSE
-0,056	0,304	-0,002	0,013	0,066	FALSE
-0,048	0,321	-0,002	0,012	0,066	FALSE
-0,015	0,314	-0,001	0,013	0,024	FALSE
-0,085	0,316	-0,002	0,006	0,092	FALSE
-0,036	0,312	-0,002	0,012	0,067	FALSE
-0,119	0,306	-0,003	0,007	0,139	FALSE
0,057	0,323	0,002	0,012	0,059	FALSE
-0,016	0,321	-0,001	0,009	0,024	FALSE
-0,024	0,296	-0,001	0,009	0,050	FALSE
0,151	0,303	0,005	0,010	0,188	FALSE
-0,118	0,297	-0,004	0,012	0,145	FALSE
0,059	0,301	0,001	0,012	0,044	FALSE
0,022	0,318	0,001	0,012	0,028	FALSE
-0,007	0,314	-0,001	0,012	0,020	FALSE
-0,097	0,297	-0,004	0,011	0,155	FALSE
-0,115	0,292	-0,004	0,009	0,175	FALSE
0,033	0,319	0,002	0,012	0,058	FALSE
0,033	0,303	0,001	0,012	0,036	FALSE

0,049	0,317	0,002	0,008	0,074	FALSE
0,034	0,292	0,001	0,010	0,052	FALSE
0,003	0,316	0,000	0,008	0,022	FALSE
-0,040	0,306	-0,001	0,007	0,064	FALSE
-0,015	0,325	-0,001	0,011	0,022	FALSE
0,056	0,307	0,003	0,012	0,085	FALSE
0,048	0,296	0,001	0,010	0,027	FALSE
0,084	0,305	0,002	0,007	0,088	FALSE
0,094	0,305	0,003	0,009	0,137	FALSE
-0,108	0,313	-0,003	0,008	0,135	FALSE
-0,039	0,314	0,000	0,006	0,016	FALSE
-0,002	0,296	0,001	0,012	0,017	FALSE
0,085	0,298	0,003	0,013	0,089	FALSE
-0,109	0,303	-0,004	0,009	0,165	FALSE
-0,092	0,305	-0,003	0,009	0,134	FALSE
-0,113	0,292	-0,004	0,008	0,169	FALSE
-0,112	0,302	-0,004	0,009	0,162	FALSE
0,064	0,321	0,001	0,007	0,074	FALSE
-0,051	0,311	-0,001	0,006	0,053	FALSE
0,015	0,312	0,001	0,008	0,030	FALSE
0,026	0,306	0,001	0,008	0,026	FALSE
-0,068	0,304	-0,002	0,006	0,096	FALSE
0,003	0,301	-0,001	0,012	0,022	FALSE
-0,085	0,292	-0,002	0,007	0,103	FALSE
0,022	0,305	0,000	0,013	0,012	FALSE
-0,064	0,309	-0,003	0,010	0,102	FALSE
-0,058	0,307	-0,002	0,009	0,100	FALSE
-0,068	0,306	-0,003	0,009	0,102	FALSE
-0,095	0,295	-0,002	0,007	0,141	FALSE
0,111	0,309	0,005	0,012	0,156	FALSE
0,050	0,307	0,001	0,008	0,044	FALSE
0,048	0,310	0,001	0,008	0,057	FALSE
-0,019	0,301	-0,001	0,011	0,019	FALSE
0,033	0,288	0,001	0,008	0,034	FALSE
-0,072	0,319	-0,002	0,007	0,110	FALSE
0,008	0,307	0,000	0,008	0,004	FALSE
-0,025	0,299	-0,001	0,009	0,048	FALSE
-0,001	0,306	0,000	0,009	0,012	FALSE
-0,160	0,301	-0,004	0,007	0,222	FALSE
-0,005	0,299	0,000	0,007	0,026	FALSE
0,182	0,300	0,008	0,013	0,264	FALSE
-0,102	0,315	-0,004	0,013	0,134	FALSE
-0,073	0,310	-0,002	0,007	0,087	FALSE
-0,105	0,302	-0,004	0,011	0,139	FALSE
-0,116	0,306	-0,004	0,010	0,156	FALSE
-0,004	0,297	0,000	0,007	0,007	FALSE
-0,106	0,286	-0,004	0,009	0,167	FALSE
-0,029	0,312	-0,001	0,009	0,032	FALSE
0,019	0,316	0,001	0,007	0,036	FALSE
0,000	0,307	0,000	0,007	0,001	FALSE
0,037	0,316	0,001	0,007	0,037	FALSE
-0,083	0,306	-0,003	0,011	0,119	FALSE
0,039	0,311	0,001	0,006	0,037	FALSE

-0,005	0,313	0,000	0,007	0,021	FALSE
0,073	0,307	0,002	0,008	0,080	FALSE
-0,104	0,289	-0,004	0,012	0,136	FALSE
-0,086	0,301	-0,002	0,009	0,101	FALSE
-0,092	0,306	-0,002	0,009	0,104	FALSE
-0,065	0,291	-0,002	0,009	0,070	FALSE
-0,150	0,300	-0,005	0,010	0,210	FALSE
0,078	0,305	0,003	0,009	0,132	FALSE
-0,020	0,311	0,000	0,007	0,003	FALSE
0,128	0,303	0,005	0,009	0,216	FALSE
0,107	0,305	0,003	0,009	0,137	FALSE
-0,095	0,308	-0,003	0,011	0,096	FALSE
0,103	0,298	0,003	0,009	0,158	FALSE
-0,020	0,315	-0,001	0,013	0,018	FALSE
0,098	0,308	0,003	0,007	0,155	FALSE
0,077	0,312	0,002	0,008	0,123	FALSE
-0,049	0,307	-0,001	0,010	0,045	FALSE
0,093	0,313	0,002	0,008	0,113	FALSE
0,073	0,306	0,002	0,009	0,094	FALSE
-0,011	0,306	0,000	0,007	0,010	FALSE
0,026	0,300	0,000	0,008	0,021	FALSE
-0,162	0,302	-0,004	0,008	0,251	FALSE
-0,005	0,299	0,000	0,008	0,015	FALSE
-0,102	0,306	-0,005	0,013	0,152	FALSE
-0,099	0,312	-0,003	0,011	0,091	FALSE
0,002	0,313	0,000	0,008	0,015	FALSE
0,070	0,302	0,002	0,007	0,085	FALSE
-0,089	0,295	-0,004	0,010	0,165	FALSE
0,030	0,313	0,002	0,011	0,064	FALSE
-0,119	0,296	-0,005	0,010	0,213	FALSE
0,001	0,301	0,000	0,008	0,020	FALSE
-0,010	0,308	0,000	0,007	0,022	FALSE
0,065	0,311	0,002	0,007	0,095	FALSE
-0,046	0,310	-0,002	0,011	0,049	FALSE
0,153	0,302	0,006	0,012	0,211	FALSE
-0,025	0,304	-0,001	0,007	0,054	FALSE
0,041	0,308	0,001	0,008	0,040	FALSE
-0,051	0,312	-0,002	0,008	0,072	FALSE
0,038	0,310	0,001	0,006	0,054	FALSE
-0,028	0,319	0,000	0,009	0,013	FALSE
-0,069	0,305	-0,001	0,007	0,076	FALSE
-0,024	0,304	-0,002	0,011	0,052	FALSE
0,051	0,299	0,002	0,010	0,059	FALSE
-0,141	0,298	-0,006	0,013	0,191	FALSE
-0,007	0,328	-0,001	0,011	0,022	FALSE
-0,053	0,304	-0,002	0,011	0,055	FALSE
-0,050	0,301	-0,002	0,012	0,071	FALSE
-0,058	0,302	-0,003	0,012	0,088	FALSE
0,107	0,297	0,005	0,013	0,143	FALSE
-0,081	0,306	-0,004	0,013	0,133	FALSE
-0,130	0,305	-0,006	0,013	0,176	FALSE
-0,009	0,295	-0,001	0,012	0,032	FALSE
0,085	0,300	0,003	0,009	0,122	FALSE

0,132	0,316	0,004	0,009	0,181	FALSE
-0,018	0,314	0,000	0,007	0,012	FALSE
-0,005	0,309	0,000	0,013	0,006	FALSE
0,079	0,310	0,003	0,009	0,135	FALSE
-0,076	0,302	-0,001	0,006	0,079	FALSE
-0,086	0,305	-0,002	0,006	0,102	FALSE
-0,001	0,296	0,000	0,008	0,011	FALSE
-0,084	0,309	-0,002	0,007	0,084	FALSE
-0,105	0,291	-0,002	0,006	0,133	FALSE
-0,112	0,285	-0,004	0,010	0,168	FALSE
-0,018	0,306	-0,001	0,006	0,041	FALSE
0,033	0,307	0,001	0,011	0,036	FALSE
0,000	0,301	0,000	0,011	0,005	FALSE
0,036	0,314	0,001	0,013	0,017	FALSE
-0,013	0,298	0,000	0,007	0,021	FALSE
-0,008	0,313	0,000	0,009	0,009	FALSE
0,110	0,313	0,003	0,008	0,120	FALSE
-0,031	0,303	-0,001	0,008	0,038	FALSE
-0,070	0,312	-0,002	0,008	0,095	FALSE
0,071	0,316	0,003	0,013	0,106	FALSE
0,122	0,304	0,005	0,012	0,175	FALSE
-0,056	0,295	-0,002	0,010	0,062	FALSE
0,052	0,310	0,002	0,011	0,064	FALSE
-0,049	0,297	-0,002	0,009	0,071	FALSE
0,001	0,310	-0,001	0,013	0,014	FALSE
-0,117	0,308	-0,003	0,008	0,137	FALSE
-0,034	0,314	-0,001	0,010	0,030	FALSE
-0,186	0,301	-0,005	0,008	0,267	FALSE
0,135	0,287	0,004	0,008	0,189	FALSE
0,087	0,304	0,004	0,013	0,110	FALSE
-0,090	0,297	-0,002	0,008	0,107	FALSE
-0,060	0,302	-0,002	0,010	0,079	FALSE
0,050	0,303	0,002	0,012	0,055	FALSE
0,110	0,321	0,003	0,008	0,136	FALSE
0,104	0,301	0,003	0,008	0,136	FALSE
-0,012	0,308	0,000	0,013	0,009	FALSE
-0,150	0,291	-0,004	0,008	0,222	FALSE
0,061	0,306	0,003	0,012	0,087	FALSE
0,130	0,317	0,003	0,008	0,142	FALSE
0,067	0,323	0,002	0,011	0,075	FALSE
0,043	0,305	0,002	0,010	0,079	FALSE
0,012	0,310	0,000	0,007	0,009	FALSE
0,011	0,314	0,001	0,011	0,030	FALSE
0,045	0,312	0,001	0,012	0,043	FALSE
0,025	0,312	0,001	0,012	0,020	FALSE
-0,027	0,304	-0,001	0,008	0,028	FALSE
0,045	0,293	0,001	0,008	0,029	FALSE
-0,002	0,293	0,001	0,012	0,016	FALSE
0,021	0,302	0,001	0,013	0,034	FALSE
-0,034	0,302	0,000	0,009	0,013	FALSE
0,026	0,316	0,001	0,007	0,029	FALSE
0,094	0,292	0,003	0,007	0,148	FALSE
0,104	0,306	0,004	0,013	0,123	FALSE

0,100	0,308	0,002	0,006	0,124	FALSE
0,218	0,295	0,008	0,011	0,342	FALSE
-0,075	0,312	-0,003	0,013	0,097	FALSE
0,138	0,307	0,004	0,010	0,176	FALSE
-0,066	0,296	-0,002	0,008	0,093	FALSE
0,001	0,302	0,000	0,011	0,009	FALSE
-0,029	0,294	-0,001	0,011	0,041	FALSE
-0,150	0,296	-0,003	0,007	0,209	FALSE
-0,028	0,303	-0,002	0,012	0,045	FALSE
0,018	0,287	0,000	0,011	0,003	FALSE
-0,045	0,311	-0,002	0,010	0,079	FALSE
0,086	0,301	0,003	0,012	0,100	FALSE
0,134	0,302	0,004	0,010	0,166	FALSE
0,159	0,304	0,005	0,010	0,211	FALSE
-0,013	0,300	-0,001	0,012	0,016	FALSE
-0,014	0,310	0,000	0,007	0,018	FALSE
-0,067	0,301	-0,001	0,007	0,078	FALSE
0,052	0,301	0,001	0,011	0,038	FALSE
-0,204	0,307	-0,006	0,009	0,297	FALSE
0,214	0,297	0,006	0,009	0,306	FALSE
0,016	0,300	0,001	0,009	0,023	FALSE
-0,092	0,313	-0,002	0,007	0,132	FALSE
-0,050	0,297	-0,002	0,012	0,057	FALSE
-0,110	0,303	-0,004	0,011	0,159	FALSE
-0,017	0,291	-0,001	0,009	0,022	FALSE
0,071	0,300	0,002	0,011	0,056	FALSE
-0,116	0,315	-0,004	0,010	0,176	FALSE
0,153	0,288	0,004	0,007	0,271	FALSE
0,188	0,297	0,003	0,007	0,225	FALSE
-0,151	0,303	-0,006	0,011	0,226	FALSE
-0,030	0,305	0,000	0,011	0,016	FALSE
0,133	0,298	0,005	0,010	0,193	FALSE
0,074	0,319	0,002	0,007	0,106	FALSE
0,129	0,296	0,004	0,008	0,186	FALSE
0,078	0,287	0,001	0,008	0,064	FALSE
0,062	0,321	0,002	0,007	0,113	FALSE
0,042	0,294	0,001	0,007	0,072	FALSE
-0,017	0,311	0,000	0,008	0,007	FALSE
-0,013	0,308	0,000	0,012	0,012	FALSE
0,015	0,293	0,000	0,006	0,015	FALSE
-0,021	0,301	-0,001	0,009	0,039	FALSE
0,147	0,291	0,004	0,008	0,212	FALSE
0,168	0,290	0,007	0,011	0,263	FALSE
0,211	0,295	0,008	0,012	0,318	FALSE
0,175	0,308	0,005	0,008	0,250	FALSE
0,025	0,314	0,000	0,007	0,010	FALSE
-0,045	0,309	-0,002	0,012	0,074	FALSE
0,063	0,320	0,002	0,011	0,057	FALSE
0,132	0,308	0,003	0,007	0,175	FALSE
0,224	0,284	0,008	0,010	0,401	FALSE
0,131	0,296	0,003	0,007	0,197	FALSE
0,039	0,311	0,001	0,007	0,040	FALSE
-0,150	0,310	-0,003	0,007	0,198	FALSE

0,022	0,299	0,000	0,012	0,006	FALSE
0,089	0,317	0,002	0,007	0,096	FALSE
0,016	0,313	0,002	0,012	0,055	FALSE
0,027	0,311	0,001	0,007	0,041	FALSE
0,106	0,300	0,002	0,008	0,117	FALSE
0,066	0,313	0,002	0,007	0,098	FALSE
0,091	0,315	0,004	0,012	0,117	FALSE
0,096	0,298	0,002	0,007	0,134	FALSE
0,121	0,292	0,004	0,010	0,157	FALSE
0,125	0,295	0,006	0,012	0,194	FALSE
0,036	0,313	0,001	0,008	0,064	FALSE
0,070	0,316	0,004	0,013	0,112	FALSE
0,070	0,292	0,002	0,008	0,119	FALSE
0,002	0,307	0,000	0,013	0,002	FALSE
-0,027	0,312	-0,001	0,013	0,031	FALSE
-0,103	0,301	-0,002	0,006	0,118	FALSE
-0,103	0,315	-0,003	0,010	0,118	FALSE
-0,018	0,321	0,000	0,007	0,010	FALSE
-0,124	0,316	-0,002	0,007	0,132	FALSE
-0,023	0,298	0,000	0,007	0,024	FALSE
-0,050	0,307	-0,001	0,009	0,049	FALSE
0,059	0,295	0,002	0,010	0,062	FALSE
-0,070	0,312	-0,003	0,013	0,092	FALSE
-0,025	0,315	-0,001	0,008	0,030	FALSE
-0,031	0,303	-0,001	0,007	0,031	FALSE
-0,039	0,315	-0,001	0,008	0,051	FALSE
-0,058	0,307	-0,003	0,013	0,079	FALSE
0,035	0,315	0,001	0,011	0,043	FALSE
0,043	0,309	0,003	0,012	0,076	FALSE
0,116	0,299	0,005	0,013	0,150	FALSE
-0,045	0,307	-0,002	0,012	0,050	FALSE
-0,032	0,322	-0,001	0,007	0,040	FALSE
-0,025	0,305	0,000	0,006	0,024	FALSE
-0,006	0,318	0,000	0,012	0,004	FALSE
-0,010	0,317	0,000	0,013	0,009	FALSE
0,001	0,308	0,000	0,012	0,005	FALSE
0,006	0,324	0,000	0,010	0,013	FALSE
-0,053	0,325	-0,001	0,007	0,060	FALSE
-0,023	0,303	0,000	0,010	0,018	FALSE
-0,039	0,313	-0,001	0,007	0,043	FALSE
-0,055	0,303	-0,002	0,007	0,079	FALSE
-0,041	0,311	-0,001	0,007	0,047	FALSE
-0,055	0,302	-0,001	0,007	0,052	FALSE
0,078	0,304	0,004	0,013	0,116	FALSE
0,017	0,307	0,000	0,010	0,009	FALSE
-0,017	0,309	0,000	0,010	0,014	FALSE
-0,037	0,308	-0,001	0,011	0,040	FALSE
-0,008	0,320	0,000	0,010	0,006	FALSE
-0,028	0,306	0,000	0,007	0,017	FALSE
0,030	0,318	0,001	0,009	0,024	FALSE
-0,169	0,310	-0,004	0,007	0,234	FALSE
-0,018	0,322	-0,001	0,011	0,023	FALSE
0,082	0,299	0,003	0,008	0,142	FALSE

-0,105	0,312	-0,003	0,013	0,104	FALSE
-0,132	0,310	-0,003	0,007	0,188	FALSE
-0,042	0,299	-0,001	0,007	0,041	FALSE
-0,046	0,296	-0,002	0,009	0,059	FALSE
0,033	0,296	0,003	0,012	0,085	FALSE
0,019	0,303	0,002	0,012	0,049	FALSE
-0,005	0,306	0,000	0,012	0,011	FALSE
-0,045	0,287	-0,002	0,012	0,067	FALSE
0,004	0,321	0,000	0,008	0,008	FALSE
0,033	0,290	0,001	0,008	0,031	FALSE
-0,027	0,306	-0,001	0,007	0,026	FALSE
0,089	0,305	0,004	0,012	0,120	FALSE
0,045	0,304	0,001	0,011	0,034	FALSE
0,045	0,309	0,001	0,008	0,058	FALSE
-0,126	0,301	-0,003	0,007	0,161	FALSE
0,084	0,304	0,002	0,006	0,131	FALSE
0,073	0,293	0,002	0,006	0,114	FALSE
0,040	0,304	0,001	0,008	0,031	FALSE
-0,076	0,289	-0,002	0,009	0,092	FALSE
-0,077	0,307	-0,001	0,007	0,064	FALSE
-0,059	0,300	-0,001	0,007	0,031	FALSE
-0,057	0,299	-0,001	0,008	0,034	FALSE
-0,060	0,296	-0,001	0,007	0,042	FALSE
-0,056	0,302	-0,002	0,012	0,059	FALSE
-0,187	0,308	-0,005	0,007	0,278	FALSE
-0,163	0,299	-0,004	0,007	0,232	FALSE
0,000	0,302	0,000	0,010	0,010	FALSE
-0,070	0,301	-0,002	0,009	0,066	FALSE
0,053	0,310	0,002	0,011	0,061	FALSE
0,043	0,314	0,001	0,013	0,040	FALSE
0,039	0,308	0,002	0,011	0,050	FALSE
-0,047	0,309	-0,002	0,010	0,062	FALSE
-0,003	0,308	0,000	0,010	0,012	FALSE
0,025	0,301	0,001	0,010	0,033	FALSE
0,056	0,315	0,002	0,010	0,059	FALSE
0,036	0,319	0,001	0,011	0,041	FALSE
0,082	0,307	0,003	0,011	0,110	FALSE
-0,015	0,302	0,000	0,010	0,011	FALSE
0,011	0,308	0,001	0,010	0,021	FALSE
-0,024	0,308	-0,001	0,010	0,028	FALSE
0,024	0,300	0,001	0,013	0,020	FALSE
0,004	0,307	0,000	0,010	0,009	FALSE
0,017	0,317	0,001	0,013	0,036	FALSE
0,091	0,313	0,003	0,012	0,090	FALSE
-0,147	0,314	-0,005	0,010	0,201	FALSE
0,030	0,316	0,000	0,008	0,021	FALSE
-0,107	0,302	-0,003	0,009	0,134	FALSE
-0,011	0,304	0,001	0,013	0,015	FALSE
-0,078	0,304	-0,002	0,008	0,102	FALSE
0,076	0,295	0,003	0,010	0,115	FALSE
0,116	0,315	0,005	0,012	0,153	FALSE
-0,019	0,305	-0,001	0,008	0,034	FALSE
-0,040	0,313	-0,001	0,009	0,026	FALSE

-0,015	0,299	0,000	0,010	0,004	FALSE
0,031	0,329	0,001	0,013	0,021	FALSE
0,071	0,297	0,001	0,009	0,051	FALSE
0,013	0,317	0,000	0,009	0,011	FALSE
-0,067	0,297	-0,004	0,012	0,130	FALSE
-0,034	0,312	-0,001	0,010	0,027	FALSE
0,006	0,299	0,002	0,013	0,043	FALSE
0,069	0,314	0,003	0,011	0,094	FALSE
0,085	0,314	0,003	0,011	0,120	FALSE
0,010	0,297	0,000	0,006	0,015	FALSE
0,035	0,301	0,000	0,008	0,012	FALSE
0,004	0,290	-0,001	0,007	0,030	FALSE
0,162	0,305	0,005	0,010	0,215	FALSE
-0,053	0,311	-0,002	0,009	0,065	FALSE
0,036	0,319	0,001	0,010	0,035	FALSE
0,044	0,303	0,001	0,008	0,039	FALSE
0,057	0,296	0,001	0,008	0,057	FALSE
-0,118	0,302	-0,002	0,007	0,126	FALSE
0,071	0,322	0,002	0,009	0,071	FALSE
0,059	0,312	0,001	0,006	0,083	FALSE
0,100	0,296	0,002	0,007	0,095	FALSE
-0,077	0,303	-0,002	0,008	0,098	FALSE
0,160	0,310	0,007	0,013	0,229	FALSE
0,131	0,297	0,006	0,011	0,237	FALSE
0,018	0,315	0,001	0,009	0,035	FALSE
-0,162	0,300	-0,004	0,007	0,263	FALSE
0,127	0,323	0,003	0,008	0,153	FALSE
0,101	0,315	0,003	0,007	0,134	FALSE
0,007	0,302	0,000	0,012	0,002	FALSE
0,077	0,326	0,002	0,008	0,095	FALSE
0,078	0,320	0,002	0,008	0,091	FALSE
0,051	0,321	0,001	0,009	0,046	FALSE
0,036	0,304	0,001	0,012	0,031	FALSE
-0,014	0,322	-0,001	0,012	0,029	FALSE
0,067	0,311	0,001	0,008	0,067	FALSE
0,065	0,316	0,001	0,008	0,072	FALSE
-0,001	0,307	0,000	0,008	0,017	FALSE
0,017	0,316	0,000	0,008	0,001	FALSE
0,050	0,296	0,001	0,013	0,037	FALSE
0,142	0,282	0,004	0,009	0,172	FALSE
0,156	0,296	0,004	0,009	0,198	FALSE
0,153	0,282	0,004	0,009	0,182	FALSE
-0,102	0,311	-0,002	0,007	0,124	FALSE
0,157	0,291	0,005	0,011	0,198	FALSE
-0,004	0,311	0,000	0,008	0,002	FALSE
-0,008	0,312	-0,001	0,011	0,018	FALSE
0,060	0,314	0,002	0,009	0,094	FALSE
0,057	0,297	0,001	0,007	0,050	FALSE
-0,031	0,312	-0,001	0,012	0,033	FALSE
0,036	0,310	0,001	0,007	0,078	FALSE
-0,118	0,300	-0,005	0,012	0,180	FALSE
0,068	0,304	0,002	0,009	0,103	FALSE
-0,036	0,312	-0,002	0,011	0,052	FALSE

-0,039	0,304	-0,001	0,007	0,048	FALSE
-0,059	0,302	-0,002	0,008	0,107	FALSE
-0,028	0,306	0,000	0,009	0,007	FALSE
-0,073	0,313	-0,002	0,008	0,070	FALSE
0,026	0,309	0,002	0,012	0,045	FALSE
0,036	0,304	0,002	0,012	0,068	FALSE
-0,074	0,305	-0,001	0,008	0,042	FALSE
-0,048	0,298	-0,001	0,006	0,088	FALSE
-0,010	0,305	-0,001	0,008	0,039	FALSE
0,032	0,326	0,001	0,011	0,031	FALSE
0,073	0,302	0,001	0,007	0,079	FALSE
-0,043	0,308	-0,003	0,013	0,074	FALSE
-0,121	0,296	-0,005	0,010	0,180	FALSE
0,089	0,300	0,002	0,008	0,119	FALSE
-0,014	0,301	-0,002	0,013	0,045	FALSE
-0,007	0,294	0,000	0,008	0,010	FALSE
0,031	0,315	0,001	0,008	0,042	FALSE
0,066	0,290	0,002	0,009	0,095	FALSE
-0,047	0,309	-0,003	0,012	0,095	FALSE
-0,033	0,319	-0,002	0,013	0,073	FALSE
-0,052	0,304	-0,001	0,010	0,022	FALSE
0,038	0,312	0,001	0,012	0,035	FALSE
0,135	0,304	0,005	0,010	0,202	FALSE
-0,109	0,296	-0,005	0,011	0,174	FALSE
0,102	0,318	0,003	0,008	0,132	FALSE
0,109	0,303	0,003	0,008	0,145	FALSE
0,081	0,292	0,004	0,012	0,116	FALSE
0,034	0,311	0,001	0,009	0,052	FALSE
0,125	0,305	0,004	0,010	0,168	FALSE
-0,014	0,310	0,000	0,008	0,003	FALSE
-0,009	0,313	0,000	0,009	0,004	FALSE
-0,025	0,315	-0,001	0,008	0,027	FALSE
0,079	0,309	0,002	0,009	0,099	FALSE
0,096	0,301	0,002	0,009	0,101	FALSE
-0,112	0,301	-0,004	0,009	0,174	FALSE
0,067	0,301	0,003	0,010	0,099	FALSE
0,082	0,305	0,002	0,007	0,134	FALSE
0,087	0,317	0,003	0,008	0,136	FALSE
-0,115	0,289	-0,005	0,012	0,170	FALSE
0,040	0,312	0,000	0,007	0,023	FALSE
0,084	0,308	0,003	0,012	0,098	FALSE
0,086	0,300	0,003	0,012	0,105	FALSE
0,059	0,321	0,003	0,013	0,073	FALSE
0,060	0,308	0,001	0,008	0,061	FALSE
-0,006	0,312	0,000	0,010	0,014	FALSE
-0,164	0,298	-0,005	0,009	0,231	FALSE
0,043	0,309	0,001	0,010	0,032	FALSE
0,215	0,293	0,005	0,007	0,306	FALSE
-0,012	0,314	-0,001	0,010	0,018	FALSE
0,032	0,315	0,002	0,013	0,048	FALSE
-0,104	0,308	-0,004	0,010	0,151	FALSE
-0,023	0,302	-0,001	0,008	0,056	FALSE
0,017	0,313	0,000	0,007	0,024	FALSE

-0,075	0,304	-0,001	0,006	0,084	FALSE
0,093	0,297	0,003	0,011	0,121	FALSE
-0,176	0,296	-0,004	0,007	0,261	FALSE
-0,104	0,299	-0,004	0,009	0,159	FALSE
-0,009	0,307	-0,002	0,013	0,041	FALSE
0,134	0,288	0,003	0,007	0,216	FALSE
0,120	0,300	0,003	0,007	0,188	FALSE
0,108	0,299	0,002	0,007	0,144	FALSE
0,027	0,315	0,001	0,009	0,047	FALSE
-0,020	0,315	-0,001	0,013	0,029	FALSE
-0,086	0,322	-0,002	0,007	0,101	FALSE
-0,059	0,301	-0,002	0,010	0,073	FALSE
0,105	0,304	0,004	0,011	0,142	FALSE
0,053	0,306	0,001	0,008	0,040	FALSE
-0,019	0,316	0,000	0,008	0,008	FALSE
0,020	0,302	0,001	0,007	0,032	FALSE
0,046	0,319	0,001	0,007	0,036	FALSE
-0,061	0,311	-0,001	0,008	0,072	FALSE
0,020	0,302	0,000	0,006	0,026	FALSE
0,022	0,320	0,001	0,007	0,055	FALSE
0,145	0,286	0,005	0,009	0,206	FALSE
0,000	0,299	0,000	0,008	0,018	FALSE
0,031	0,301	0,002	0,012	0,046	FALSE
0,054	0,302	0,002	0,008	0,069	FALSE
0,013	0,319	0,000	0,009	0,002	FALSE
0,079	0,306	0,004	0,012	0,134	FALSE
-0,029	0,286	-0,001	0,010	0,020	FALSE
0,042	0,286	0,002	0,010	0,061	FALSE
-0,098	0,305	-0,004	0,012	0,127	FALSE
-0,073	0,323	-0,003	0,012	0,097	FALSE
-0,044	0,288	-0,001	0,007	0,032	FALSE
-0,006	0,324	0,000	0,008	0,007	FALSE
-0,018	0,294	0,000	0,007	0,012	FALSE
-0,013	0,318	0,000	0,009	0,014	FALSE
-0,014	0,295	0,000	0,008	0,016	FALSE
-0,081	0,303	-0,002	0,008	0,101	FALSE
-0,045	0,312	-0,001	0,007	0,062	FALSE
0,097	0,311	0,005	0,012	0,169	FALSE
0,110	0,317	0,005	0,013	0,149	FALSE
0,101	0,297	0,005	0,012	0,144	FALSE
-0,035	0,300	-0,002	0,009	0,076	FALSE
-0,162	0,309	-0,004	0,007	0,235	FALSE
-0,067	0,313	-0,002	0,008	0,112	FALSE
-0,028	0,311	0,000	0,011	0,013	FALSE
-0,072	0,303	-0,004	0,013	0,110	FALSE
-0,023	0,306	-0,001	0,007	0,047	FALSE
-0,132	0,301	-0,003	0,007	0,151	FALSE
0,082	0,303	0,003	0,012	0,105	FALSE
0,078	0,312	0,003	0,012	0,106	FALSE
0,052	0,313	0,002	0,012	0,053	FALSE
0,014	0,310	0,000	0,012	0,011	FALSE
0,133	0,304	0,003	0,007	0,182	FALSE
0,071	0,316	0,002	0,009	0,069	FALSE

0,128	0,303	0,003	0,008	0,153	FALSE
-0,051	0,311	-0,002	0,012	0,053	FALSE
-0,003	0,306	0,000	0,007	0,012	FALSE
0,027	0,309	0,001	0,009	0,029	FALSE
0,044	0,309	0,001	0,008	0,042	FALSE
-0,013	0,326	0,000	0,009	0,016	FALSE
0,062	0,315	0,002	0,011	0,087	FALSE
-0,032	0,298	-0,001	0,008	0,044	FALSE
0,024	0,321	0,001	0,009	0,035	FALSE
0,071	0,313	0,001	0,008	0,069	FALSE
-0,010	0,322	0,000	0,009	0,012	FALSE
-0,097	0,287	-0,004	0,013	0,117	FALSE
-0,034	0,290	-0,001	0,011	0,031	FALSE
-0,064	0,313	-0,001	0,006	0,076	FALSE
-0,036	0,311	-0,001	0,013	0,029	FALSE
-0,001	0,303	0,000	0,012	0,002	FALSE
-0,157	0,298	-0,004	0,009	0,215	FALSE
0,043	0,308	0,002	0,011	0,062	FALSE
0,018	0,307	0,001	0,011	0,045	FALSE
-0,065	0,300	-0,003	0,013	0,092	FALSE
-0,126	0,296	-0,003	0,007	0,191	FALSE
0,050	0,298	0,002	0,012	0,066	FALSE
0,083	0,317	0,002	0,010	0,092	FALSE
-0,022	0,301	0,000	0,010	0,008	FALSE
0,007	0,306	0,000	0,010	0,017	FALSE
-0,109	0,325	-0,004	0,010	0,154	FALSE
-0,024	0,304	-0,001	0,009	0,040	FALSE
0,008	0,322	0,000	0,011	0,001	FALSE
-0,072	0,321	-0,002	0,008	0,100	FALSE
-0,002	0,316	0,000	0,011	0,006	FALSE
-0,006	0,296	0,000	0,007	0,003	FALSE
0,083	0,301	0,001	0,007	0,077	FALSE
0,008	0,302	0,000	0,007	0,006	FALSE
-0,121	0,296	-0,003	0,007	0,152	FALSE
0,156	0,305	0,005	0,011	0,205	FALSE
-0,055	0,303	-0,001	0,008	0,038	FALSE
-0,155	0,309	-0,005	0,010	0,217	FALSE
0,081	0,301	0,002	0,009	0,083	FALSE
0,071	0,299	0,002	0,012	0,072	FALSE
-0,081	0,304	-0,002	0,011	0,068	FALSE
0,016	0,313	0,000	0,009	0,017	FALSE
-0,102	0,297	-0,002	0,007	0,141	FALSE
-0,058	0,311	-0,001	0,008	0,054	FALSE
-0,042	0,307	-0,001	0,009	0,041	FALSE
0,169	0,287	0,007	0,012	0,237	FALSE
0,129	0,307	0,005	0,013	0,170	FALSE
0,065	0,309	0,002	0,012	0,065	FALSE
-0,072	0,310	-0,003	0,012	0,092	FALSE
0,081	0,303	0,003	0,012	0,093	FALSE
0,082	0,291	0,002	0,010	0,075	FALSE
-0,089	0,291	-0,003	0,010	0,102	FALSE
0,006	0,306	0,000	0,006	0,002	FALSE
0,007	0,313	0,000	0,010	0,016	FALSE

0,026	0,312	0,001	0,007	0,027	FALSE
0,182	0,311	0,006	0,010	0,245	FALSE
0,202	0,294	0,009	0,013	0,323	FALSE
0,089	0,307	0,003	0,008	0,126	FALSE
-0,101	0,305	-0,003	0,011	0,118	FALSE
-0,022	0,312	0,000	0,012	0,014	FALSE
-0,018	0,303	0,000	0,011	0,012	FALSE
0,009	0,305	0,002	0,010	0,058	FALSE
0,102	0,310	0,004	0,012	0,125	FALSE
0,042	0,313	0,001	0,009	0,061	FALSE
-0,002	0,298	-0,001	0,012	0,017	FALSE
-0,081	0,298	-0,004	0,012	0,149	FALSE
-0,056	0,293	-0,004	0,012	0,123	FALSE
-0,045	0,288	-0,003	0,012	0,090	FALSE
-0,064	0,304	-0,003	0,012	0,111	FALSE
-0,071	0,310	-0,004	0,012	0,117	FALSE
-0,043	0,287	-0,003	0,011	0,106	FALSE
0,003	0,313	0,000	0,007	0,021	FALSE
-0,076	0,305	-0,002	0,009	0,091	FALSE
-0,023	0,295	0,000	0,013	0,001	FALSE
-0,045	0,329	-0,002	0,013	0,050	FALSE
-0,045	0,308	-0,002	0,012	0,065	FALSE
0,033	0,302	0,001	0,009	0,028	FALSE
-0,011	0,313	-0,001	0,012	0,027	FALSE
-0,022	0,307	-0,002	0,012	0,052	FALSE
-0,025	0,317	-0,001	0,013	0,041	FALSE
-0,162	0,300	-0,003	0,007	0,223	FALSE
0,124	0,293	0,004	0,009	0,172	FALSE
-0,093	0,288	-0,002	0,007	0,108	FALSE
-0,017	0,307	-0,001	0,010	0,030	FALSE
0,072	0,299	0,002	0,008	0,086	FALSE
0,015	0,312	0,000	0,013	0,012	FALSE
0,045	0,319	0,002	0,010	0,062	FALSE
0,069	0,308	0,003	0,010	0,105	FALSE
0,091	0,299	0,003	0,009	0,128	FALSE
0,102	0,314	0,003	0,009	0,138	FALSE
-0,097	0,304	-0,003	0,011	0,108	FALSE
-0,096	0,300	-0,003	0,009	0,148	FALSE
-0,105	0,308	-0,004	0,011	0,144	FALSE
-0,008	0,303	0,000	0,008	0,022	FALSE
0,017	0,315	0,001	0,010	0,024	FALSE
-0,042	0,300	-0,001	0,009	0,039	FALSE
0,082	0,314	0,003	0,011	0,115	FALSE
0,081	0,297	0,003	0,008	0,126	FALSE
-0,068	0,301	-0,003	0,010	0,097	FALSE
0,065	0,297	0,001	0,006	0,081	FALSE
0,072	0,315	0,003	0,011	0,086	FALSE
0,133	0,303	0,005	0,012	0,181	FALSE
0,096	0,309	0,004	0,012	0,119	FALSE
0,176	0,298	0,007	0,013	0,246	FALSE
-0,051	0,319	-0,001	0,010	0,053	FALSE
0,015	0,318	0,000	0,013	0,007	FALSE
0,098	0,296	0,003	0,008	0,156	FALSE

0,069	0,309	0,001	0,007	0,064	FALSE
0,084	0,297	0,003	0,011	0,119	FALSE
-0,072	0,306	-0,002	0,008	0,079	FALSE
-0,015	0,302	0,000	0,009	0,015	FALSE
0,067	0,308	0,002	0,007	0,098	FALSE
0,040	0,317	0,002	0,011	0,068	FALSE
0,105	0,303	0,003	0,011	0,114	FALSE
-0,164	0,299	-0,004	0,008	0,240	FALSE
0,102	0,306	0,005	0,012	0,167	FALSE
0,042	0,296	0,001	0,008	0,065	FALSE
0,153	0,310	0,007	0,013	0,217	FALSE
-0,087	0,305	-0,002	0,007	0,141	FALSE
0,076	0,314	0,005	0,013	0,140	FALSE
0,018	0,312	0,001	0,008	0,027	FALSE
0,000	0,313	0,000	0,008	0,006	FALSE
-0,028	0,314	-0,001	0,008	0,041	FALSE
-0,057	0,310	-0,001	0,007	0,062	FALSE
-0,031	0,297	-0,001	0,009	0,025	FALSE
-0,107	0,316	-0,002	0,007	0,132	FALSE
0,102	0,299	0,004	0,011	0,131	FALSE
0,029	0,299	0,001	0,013	0,032	FALSE
-0,088	0,304	-0,002	0,007	0,138	FALSE
0,040	0,309	0,001	0,007	0,055	FALSE
0,103	0,300	0,003	0,010	0,136	FALSE
0,176	0,301	0,006	0,010	0,264	FALSE
0,000	0,291	0,000	0,012	0,010	FALSE
0,147	0,300	0,005	0,010	0,202	FALSE
-0,035	0,319	-0,001	0,008	0,028	FALSE
0,083	0,324	0,002	0,010	0,095	FALSE
-0,059	0,295	-0,001	0,007	0,041	FALSE
-0,041	0,305	-0,003	0,012	0,082	FALSE
0,044	0,295	0,002	0,011	0,078	FALSE
-0,121	0,317	-0,003	0,009	0,166	FALSE
-0,032	0,296	-0,001	0,011	0,045	FALSE
0,097	0,317	0,002	0,006	0,107	FALSE
-0,067	0,307	-0,002	0,008	0,084	FALSE
-0,013	0,298	0,000	0,009	0,012	FALSE
0,016	0,305	0,001	0,007	0,025	FALSE
0,015	0,313	0,001	0,008	0,054	FALSE
0,027	0,305	0,001	0,007	0,054	FALSE
0,052	0,309	0,003	0,009	0,112	FALSE
0,030	0,306	0,001	0,009	0,043	FALSE
-0,097	0,308	-0,003	0,009	0,139	FALSE
0,039	0,322	0,001	0,009	0,047	FALSE
0,046	0,316	0,002	0,008	0,087	FALSE
0,093	0,305	0,003	0,009	0,121	FALSE
-0,036	0,305	-0,001	0,007	0,053	FALSE
-0,034	0,311	-0,001	0,008	0,034	FALSE
-0,051	0,303	-0,001	0,008	0,040	FALSE
0,105	0,305	0,004	0,011	0,159	FALSE
-0,121	0,303	-0,003	0,007	0,168	FALSE
-0,094	0,302	-0,002	0,007	0,110	FALSE
-0,002	0,300	0,000	0,007	0,015	FALSE

0,030	0,317	0,001	0,007	0,030	FALSE
0,010	0,319	0,001	0,013	0,029	FALSE
-0,088	0,299	-0,003	0,013	0,096	FALSE
-0,032	0,315	-0,001	0,009	0,031	FALSE
-0,097	0,316	-0,002	0,007	0,125	FALSE
-0,101	0,295	-0,003	0,011	0,112	FALSE
0,147	0,299	0,005	0,012	0,186	FALSE
-0,057	0,317	-0,003	0,012	0,086	FALSE
-0,017	0,301	0,000	0,006	0,011	FALSE
0,046	0,314	0,002	0,008	0,080	FALSE
-0,136	0,304	-0,004	0,009	0,213	FALSE
-0,024	0,318	-0,001	0,013	0,035	FALSE
0,040	0,305	0,001	0,008	0,047	FALSE
-0,022	0,299	-0,001	0,012	0,032	FALSE
-0,002	0,308	0,000	0,011	0,008	FALSE
-0,005	0,318	0,000	0,011	0,005	FALSE
-0,042	0,309	-0,002	0,013	0,048	FALSE
-0,034	0,300	-0,001	0,010	0,046	FALSE
0,087	0,307	0,003	0,012	0,107	FALSE
-0,068	0,297	-0,004	0,009	0,152	FALSE
-0,070	0,303	-0,003	0,009	0,136	FALSE
0,073	0,310	0,003	0,011	0,124	FALSE
-0,120	0,313	-0,004	0,009	0,194	FALSE
-0,111	0,295	-0,003	0,011	0,129	FALSE
-0,085	0,315	-0,004	0,013	0,123	FALSE
-0,027	0,307	0,000	0,008	0,007	FALSE
-0,080	0,327	-0,003	0,011	0,108	FALSE
-0,067	0,313	-0,003	0,012	0,081	FALSE
0,047	0,305	0,003	0,012	0,091	FALSE
0,058	0,316	0,003	0,013	0,083	FALSE
0,027	0,311	0,002	0,013	0,044	FALSE
0,076	0,293	0,001	0,006	0,091	FALSE
0,030	0,303	0,001	0,007	0,045	FALSE
-0,005	0,317	-0,001	0,011	0,017	FALSE
0,067	0,304	0,003	0,011	0,120	FALSE
0,090	0,302	0,003	0,009	0,112	FALSE
-0,007	0,305	0,000	0,008	0,011	FALSE
0,126	0,303	0,003	0,007	0,187	FALSE
-0,100	0,305	-0,003	0,008	0,127	FALSE
-0,071	0,300	-0,002	0,007	0,099	FALSE
0,009	0,317	0,000	0,009	0,019	FALSE
-0,040	0,303	-0,002	0,011	0,061	FALSE
0,026	0,303	0,000	0,008	0,019	FALSE
-0,165	0,306	-0,007	0,013	0,244	FALSE
-0,044	0,316	-0,002	0,009	0,061	FALSE
-0,032	0,306	-0,001	0,009	0,052	FALSE
0,012	0,309	0,001	0,012	0,025	FALSE
0,000	0,321	0,000	0,007	0,010	FALSE
0,017	0,318	0,001	0,007	0,026	FALSE
-0,014	0,316	0,000	0,009	0,006	FALSE
-0,007	0,320	0,001	0,009	0,020	FALSE
0,023	0,302	0,001	0,007	0,040	FALSE
-0,008	0,305	-0,001	0,008	0,038	FALSE

0,046	0,300	0,001	0,006	0,055	FALSE
0,015	0,301	0,000	0,012	0,011	FALSE
-0,133	0,286	-0,004	0,008	0,235	FALSE
-0,116	0,297	-0,004	0,008	0,183	FALSE
-0,107	0,308	-0,002	0,007	0,141	FALSE
-0,070	0,281	-0,003	0,012	0,108	FALSE
-0,061	0,304	-0,002	0,012	0,076	FALSE
-0,088	0,296	-0,003	0,011	0,105	FALSE
-0,100	0,299	-0,004	0,012	0,134	FALSE
0,047	0,291	0,001	0,007	0,073	FALSE
-0,019	0,299	-0,001	0,008	0,027	FALSE
-0,051	0,310	-0,003	0,013	0,095	FALSE
0,020	0,319	0,001	0,009	0,039	FALSE
-0,092	0,306	-0,002	0,007	0,110	FALSE
-0,079	0,298	-0,003	0,011	0,099	FALSE
-0,067	0,302	-0,002	0,007	0,095	FALSE
-0,031	0,311	-0,001	0,006	0,048	FALSE
-0,056	0,312	-0,003	0,013	0,073	FALSE
0,039	0,308	0,000	0,013	0,013	FALSE
0,110	0,309	0,004	0,012	0,129	FALSE
-0,103	0,310	-0,004	0,011	0,121	FALSE
-0,073	0,304	-0,002	0,013	0,074	FALSE
-0,002	0,310	0,000	0,007	0,007	FALSE
-0,014	0,309	-0,001	0,010	0,045	FALSE
0,008	0,301	0,001	0,012	0,020	FALSE
-0,046	0,308	-0,002	0,009	0,076	FALSE
0,056	0,313	0,002	0,010	0,080	FALSE
0,042	0,318	0,001	0,007	0,037	FALSE
-0,008	0,326	-0,001	0,008	0,027	FALSE
-0,137	0,291	-0,004	0,009	0,207	FALSE
-0,032	0,310	-0,001	0,009	0,026	FALSE
-0,072	0,307	-0,002	0,007	0,098	FALSE
-0,011	0,293	0,000	0,007	0,004	FALSE
0,085	0,296	0,005	0,011	0,161	FALSE
0,088	0,296	0,002	0,009	0,101	FALSE
-0,082	0,299	-0,003	0,010	0,110	FALSE
-0,148	0,291	-0,006	0,011	0,219	FALSE
-0,196	0,286	-0,008	0,011	0,345	FALSE
-0,148	0,296	-0,006	0,011	0,232	FALSE
0,075	0,308	0,003	0,013	0,101	FALSE
-0,038	0,316	-0,001	0,009	0,035	FALSE
-0,095	0,295	-0,003	0,009	0,132	FALSE
0,120	0,310	0,004	0,010	0,149	FALSE
0,058	0,310	0,002	0,011	0,063	FALSE
-0,173	0,288	-0,007	0,012	0,254	FALSE
-0,156	0,308	-0,006	0,012	0,213	FALSE
0,045	0,313	0,002	0,009	0,065	FALSE
0,176	0,287	0,005	0,008	0,275	FALSE
0,065	0,321	0,003	0,013	0,086	FALSE
0,058	0,305	0,002	0,010	0,076	FALSE
0,072	0,289	0,003	0,009	0,113	FALSE
-0,023	0,297	-0,002	0,013	0,061	FALSE
0,097	0,306	0,003	0,009	0,143	FALSE

-0,084	0,301	-0,003	0,011	0,103	FALSE
0,062	0,297	0,004	0,011	0,130	FALSE
-0,014	0,321	0,001	0,009	0,029	FALSE
0,076	0,315	0,002	0,011	0,085	FALSE
0,002	0,311	0,000	0,008	0,003	FALSE
-0,125	0,305	-0,002	0,007	0,148	FALSE
-0,043	0,306	-0,001	0,006	0,075	FALSE
0,000	0,305	0,000	0,009	0,013	FALSE
0,099	0,312	0,003	0,011	0,119	FALSE
-0,003	0,314	0,000	0,012	0,011	FALSE
0,005	0,331	0,000	0,014	0,006	FALSE
-0,054	0,318	-0,001	0,007	0,069	FALSE
0,025	0,297	0,001	0,009	0,026	FALSE
0,040	0,296	0,001	0,008	0,040	FALSE
0,042	0,296	0,001	0,008	0,027	FALSE
0,037	0,300	0,000	0,008	0,020	FALSE
0,053	0,297	0,001	0,010	0,047	FALSE
0,069	0,319	0,002	0,010	0,086	FALSE
-0,047	0,324	-0,002	0,011	0,069	FALSE
0,003	0,294	0,000	0,013	0,013	FALSE
0,053	0,316	0,002	0,010	0,091	FALSE
-0,114	0,309	-0,003	0,007	0,158	FALSE
0,202	0,291	0,005	0,007	0,282	FALSE
-0,112	0,287	-0,005	0,012	0,173	FALSE
0,043	0,303	0,001	0,009	0,045	FALSE
-0,041	0,281	-0,002	0,013	0,063	FALSE
0,043	0,306	0,001	0,007	0,048	FALSE
0,057	0,314	0,002	0,011	0,068	FALSE
0,027	0,315	0,001	0,009	0,049	FALSE
0,012	0,318	0,000	0,014	0,012	FALSE
0,018	0,313	0,002	0,011	0,065	FALSE
-0,157	0,298	-0,004	0,007	0,246	FALSE
-0,018	0,326	-0,001	0,011	0,023	FALSE
-0,107	0,316	-0,003	0,008	0,132	FALSE
-0,062	0,299	-0,002	0,007	0,093	FALSE
-0,032	0,301	-0,001	0,008	0,049	FALSE
0,068	0,313	0,002	0,008	0,093	FALSE
-0,010	0,308	0,000	0,009	0,006	FALSE
0,039	0,310	0,001	0,008	0,039	FALSE
0,060	0,313	0,003	0,012	0,077	FALSE
0,059	0,303	0,002	0,012	0,072	FALSE
-0,055	0,299	-0,001	0,007	0,070	FALSE
0,059	0,308	0,002	0,009	0,069	FALSE
-0,054	0,303	-0,002	0,012	0,049	FALSE
0,049	0,299	0,001	0,007	0,062	FALSE
0,006	0,305	0,000	0,007	0,018	FALSE
0,050	0,311	0,002	0,013	0,051	FALSE
-0,009	0,301	0,000	0,012	0,012	FALSE
0,008	0,309	0,001	0,009	0,031	FALSE
0,074	0,297	0,002	0,007	0,116	FALSE
0,066	0,311	0,002	0,007	0,106	FALSE
0,038	0,317	0,001	0,009	0,021	FALSE
-0,018	0,298	0,000	0,009	0,008	FALSE

0,136	0,310	0,005	0,012	0,181	FALSE
-0,072	0,321	-0,001	0,007	0,071	FALSE
0,035	0,316	0,001	0,007	0,064	FALSE
-0,049	0,301	-0,002	0,012	0,045	FALSE
0,011	0,297	0,000	0,007	0,019	FALSE
-0,004	0,316	0,000	0,009	0,015	FALSE
-0,027	0,313	-0,001	0,012	0,039	FALSE
-0,031	0,311	-0,001	0,009	0,031	FALSE
0,118	0,316	0,003	0,008	0,143	FALSE
0,006	0,302	-0,001	0,012	0,015	FALSE
0,055	0,310	0,003	0,012	0,089	FALSE
0,069	0,308	0,002	0,008	0,096	FALSE
0,008	0,307	0,001	0,011	0,018	FALSE
-0,064	0,302	-0,002	0,009	0,076	FALSE
0,000	0,312	0,001	0,011	0,026	FALSE
-0,047	0,304	-0,001	0,011	0,030	FALSE
0,026	0,319	0,001	0,011	0,034	FALSE
0,006	0,293	0,001	0,011	0,020	FALSE
0,003	0,305	0,000	0,012	0,011	FALSE
0,095	0,310	0,004	0,011	0,135	FALSE
0,017	0,306	0,001	0,011	0,037	FALSE
0,039	0,309	0,001	0,010	0,039	FALSE
-0,018	0,304	0,000	0,009	0,008	FALSE
-0,067	0,318	-0,002	0,010	0,089	FALSE
0,050	0,295	0,002	0,012	0,069	FALSE
0,026	0,312	0,001	0,013	0,035	FALSE
0,062	0,318	0,002	0,009	0,073	FALSE
0,111	0,313	0,003	0,009	0,125	FALSE
0,110	0,309	0,003	0,009	0,134	FALSE
0,106	0,305	0,003	0,012	0,117	FALSE
0,146	0,317	0,005	0,011	0,177	FALSE
0,068	0,313	0,002	0,007	0,108	FALSE
0,009	0,316	0,001	0,007	0,028	FALSE
-0,130	0,290	-0,003	0,007	0,145	FALSE
-0,009	0,314	0,000	0,013	0,012	FALSE
-0,052	0,297	-0,002	0,013	0,056	FALSE
0,010	0,299	0,001	0,009	0,027	FALSE
-0,061	0,315	-0,001	0,008	0,071	FALSE
0,002	0,318	0,000	0,010	0,013	FALSE
-0,128	0,305	-0,005	0,012	0,178	FALSE
0,075	0,307	0,003	0,013	0,095	FALSE
0,030	0,304	0,001	0,013	0,034	FALSE
-0,011	0,311	0,000	0,013	0,010	FALSE
0,066	0,305	0,003	0,013	0,077	FALSE
0,021	0,305	0,001	0,012	0,036	FALSE
0,101	0,312	0,003	0,007	0,165	FALSE
-0,005	0,311	0,000	0,008	0,022	FALSE
0,046	0,288	0,001	0,007	0,057	FALSE
0,075	0,308	0,003	0,012	0,101	FALSE
0,082	0,301	0,001	0,006	0,057	FALSE
-0,037	0,314	-0,001	0,011	0,028	FALSE
0,023	0,304	0,000	0,007	0,014	FALSE
0,021	0,309	0,000	0,007	0,019	FALSE

0,042	0,316	0,001	0,008	0,033	FALSE
0,005	0,293	0,001	0,008	0,031	FALSE
0,013	0,305	0,001	0,007	0,051	FALSE
-0,101	0,308	-0,003	0,010	0,124	FALSE
-0,021	0,302	-0,001	0,010	0,031	FALSE
-0,038	0,304	-0,001	0,007	0,044	FALSE
-0,051	0,300	-0,001	0,007	0,070	FALSE
-0,001	0,306	0,000	0,007	0,002	FALSE
-0,162	0,307	-0,006	0,011	0,246	FALSE
-0,208	0,293	-0,007	0,011	0,305	FALSE
-0,188	0,298	-0,005	0,008	0,261	FALSE
-0,071	0,314	-0,001	0,007	0,072	FALSE
-0,186	0,318	-0,008	0,013	0,257	FALSE
-0,039	0,303	-0,002	0,009	0,067	FALSE
0,057	0,305	0,002	0,013	0,050	FALSE
0,057	0,297	0,002	0,012	0,058	FALSE
-0,001	0,317	-0,001	0,012	0,015	FALSE
-0,053	0,307	-0,002	0,012	0,047	FALSE
0,124	0,310	0,003	0,007	0,175	FALSE
-0,133	0,308	-0,003	0,008	0,174	FALSE
0,082	0,306	0,003	0,013	0,092	FALSE
0,130	0,304	0,003	0,006	0,199	FALSE
-0,052	0,315	-0,002	0,010	0,057	FALSE
0,005	0,311	0,000	0,006	0,007	FALSE
0,054	0,306	0,001	0,007	0,077	FALSE
0,064	0,300	0,001	0,006	0,080	FALSE
-0,002	0,308	0,000	0,012	0,011	FALSE
-0,118	0,305	-0,004	0,011	0,152	FALSE
-0,024	0,302	-0,001	0,012	0,033	FALSE
-0,003	0,300	0,000	0,011	0,010	FALSE
-0,022	0,323	0,000	0,009	0,020	FALSE
0,107	0,305	0,003	0,009	0,160	FALSE
-0,025	0,314	-0,001	0,009	0,030	FALSE
-0,012	0,310	0,000	0,010	0,012	FALSE
0,010	0,317	0,000	0,006	0,015	FALSE
-0,042	0,303	-0,001	0,010	0,052	FALSE
-0,023	0,318	0,000	0,009	0,019	FALSE
0,145	0,309	0,003	0,007	0,172	FALSE
-0,027	0,324	0,000	0,010	0,007	FALSE
0,084	0,296	0,003	0,009	0,133	FALSE
0,060	0,304	0,002	0,009	0,081	FALSE
-0,113	0,300	-0,005	0,013	0,169	FALSE
0,088	0,309	0,003	0,010	0,110	FALSE
-0,018	0,305	-0,001	0,008	0,027	FALSE
-0,054	0,313	-0,001	0,008	0,038	FALSE
-0,029	0,303	0,000	0,008	0,019	FALSE
0,030	0,301	0,000	0,008	0,022	FALSE
0,097	0,317	0,003	0,009	0,141	FALSE
0,175	0,316	0,006	0,010	0,269	FALSE
0,159	0,308	0,005	0,009	0,246	FALSE
0,075	0,314	0,003	0,011	0,091	FALSE
-0,112	0,305	-0,002	0,007	0,115	FALSE
0,022	0,312	0,001	0,010	0,047	FALSE

-0,096	0,306	-0,004	0,013	0,130	FALSE
0,156	0,296	0,006	0,012	0,232	FALSE
0,030	0,302	0,001	0,011	0,023	FALSE
-0,035	0,296	-0,001	0,007	0,072	FALSE
0,012	0,299	0,001	0,012	0,019	FALSE
0,018	0,300	0,001	0,010	0,024	FALSE
-0,031	0,309	-0,001	0,009	0,032	FALSE
-0,075	0,313	-0,003	0,012	0,107	FALSE
-0,036	0,314	-0,002	0,012	0,054	FALSE
-0,018	0,309	-0,001	0,008	0,023	FALSE
-0,037	0,319	-0,001	0,009	0,048	FALSE
-0,110	0,302	-0,003	0,007	0,159	FALSE
0,020	0,314	0,001	0,010	0,024	FALSE
0,061	0,302	0,001	0,007	0,067	FALSE
0,097	0,303	0,004	0,010	0,160	FALSE
0,127	0,319	0,005	0,013	0,152	FALSE
-0,018	0,308	0,000	0,009	0,019	FALSE
0,051	0,307	0,001	0,008	0,067	FALSE
-0,071	0,305	-0,002	0,007	0,107	FALSE
-0,004	0,310	-0,001	0,011	0,019	FALSE
0,010	0,313	0,001	0,013	0,016	FALSE
-0,025	0,290	0,000	0,010	0,007	FALSE
-0,198	0,295	-0,005	0,007	0,294	FALSE
-0,199	0,306	-0,005	0,007	0,267	FALSE
-0,220	0,311	-0,008	0,011	0,321	FALSE
0,075	0,299	0,002	0,007	0,147	FALSE
0,048	0,295	0,002	0,007	0,101	FALSE
-0,133	0,294	-0,006	0,012	0,210	FALSE
0,007	0,307	0,000	0,011	0,000	FALSE
-0,001	0,308	0,000	0,010	0,001	FALSE
-0,077	0,304	-0,003	0,012	0,092	FALSE
0,060	0,317	0,002	0,009	0,066	FALSE
0,062	0,305	0,003	0,013	0,096	FALSE
0,025	0,311	0,001	0,007	0,066	FALSE
0,064	0,298	0,002	0,008	0,086	FALSE
0,070	0,298	0,004	0,013	0,109	FALSE
0,058	0,299	0,003	0,012	0,081	FALSE
0,134	0,309	0,003	0,006	0,205	FALSE
0,119	0,320	0,003	0,007	0,164	FALSE
0,032	0,300	0,001	0,011	0,038	FALSE
0,047	0,292	0,001	0,010	0,035	FALSE
-0,115	0,295	-0,004	0,011	0,157	FALSE
-0,096	0,288	-0,003	0,011	0,105	FALSE
-0,082	0,312	-0,004	0,013	0,133	FALSE
0,007	0,303	0,001	0,008	0,041	FALSE
0,041	0,305	0,001	0,008	0,036	FALSE
0,068	0,289	0,001	0,009	0,053	FALSE
-0,007	0,310	0,000	0,009	0,011	FALSE
0,047	0,317	0,002	0,013	0,063	FALSE
0,136	0,298	0,004	0,008	0,220	FALSE
-0,064	0,312	-0,001	0,007	0,047	FALSE
0,046	0,307	0,001	0,008	0,040	FALSE
-0,014	0,306	0,000	0,012	0,004	FALSE

0,115	0,309	0,003	0,009	0,144	FALSE
-0,030	0,307	-0,001	0,006	0,035	FALSE
0,014	0,312	0,000	0,009	0,005	FALSE
0,130	0,292	0,006	0,012	0,198	FALSE
-0,055	0,300	-0,001	0,008	0,064	FALSE
0,091	0,304	0,002	0,007	0,096	FALSE
0,035	0,299	0,002	0,013	0,057	FALSE
0,019	0,311	0,001	0,013	0,029	FALSE
0,032	0,302	0,001	0,010	0,028	FALSE
-0,033	0,306	-0,001	0,008	0,036	FALSE
-0,061	0,309	-0,004	0,013	0,114	FALSE
0,063	0,296	0,001	0,006	0,057	FALSE
0,000	0,321	0,001	0,013	0,020	FALSE
0,043	0,301	0,001	0,007	0,055	FALSE
-0,124	0,310	-0,004	0,009	0,163	FALSE
0,054	0,286	0,002	0,007	0,091	FALSE
-0,033	0,311	-0,002	0,013	0,065	FALSE
-0,059	0,299	-0,001	0,007	0,068	FALSE
-0,042	0,304	-0,002	0,009	0,067	FALSE
-0,039	0,309	-0,002	0,009	0,072	FALSE
0,031	0,319	0,001	0,007	0,064	FALSE
-0,059	0,310	-0,002	0,009	0,065	FALSE
-0,026	0,306	-0,001	0,008	0,043	FALSE
0,088	0,299	0,002	0,007	0,107	FALSE
-0,039	0,301	0,000	0,008	0,015	FALSE
0,006	0,306	0,000	0,007	0,016	FALSE
-0,035	0,302	-0,002	0,012	0,048	FALSE
0,063	0,319	0,002	0,013	0,069	FALSE
-0,127	0,302	-0,003	0,007	0,161	FALSE
-0,042	0,306	-0,001	0,008	0,062	FALSE
-0,051	0,290	-0,001	0,012	0,043	FALSE
-0,087	0,302	-0,003	0,009	0,110	FALSE
0,080	0,277	0,004	0,012	0,124	FALSE
-0,004	0,312	-0,001	0,013	0,014	FALSE
-0,013	0,308	0,000	0,007	0,011	FALSE
0,107	0,307	0,002	0,007	0,125	FALSE
0,141	0,310	0,003	0,008	0,186	FALSE
0,026	0,308	0,000	0,011	0,012	FALSE
0,063	0,290	0,001	0,006	0,078	FALSE
0,039	0,307	0,001	0,012	0,043	FALSE
0,112	0,320	0,003	0,007	0,137	FALSE
0,050	0,301	0,001	0,009	0,055	FALSE
0,035	0,298	0,002	0,010	0,071	FALSE
0,086	0,307	0,002	0,007	0,129	FALSE
-0,106	0,316	-0,004	0,010	0,154	FALSE
-0,111	0,306	-0,005	0,013	0,155	FALSE
-0,044	0,306	-0,001	0,007	0,071	FALSE
-0,123	0,297	-0,003	0,006	0,195	FALSE
-0,042	0,313	-0,001	0,007	0,072	FALSE
0,006	0,300	0,000	0,010	0,013	FALSE
0,100	0,310	0,002	0,007	0,121	FALSE
-0,003	0,301	0,000	0,007	0,012	FALSE
-0,077	0,308	-0,003	0,013	0,094	FALSE

0,057	0,310	0,003	0,012	0,086	FALSE
-0,044	0,288	-0,001	0,011	0,023	FALSE
0,032	0,293	0,001	0,006	0,075	FALSE
0,048	0,308	0,002	0,007	0,088	FALSE
-0,040	0,305	-0,001	0,012	0,038	FALSE
-0,055	0,306	-0,002	0,013	0,066	FALSE
0,158	0,289	0,006	0,012	0,214	FALSE
-0,096	0,296	-0,002	0,009	0,077	FALSE
-0,105	0,295	-0,002	0,007	0,140	FALSE
-0,046	0,312	-0,001	0,013	0,039	FALSE
-0,082	0,293	-0,002	0,006	0,095	FALSE
-0,004	0,310	0,000	0,007	0,019	FALSE
-0,038	0,308	-0,001	0,012	0,040	FALSE
-0,063	0,306	-0,001	0,007	0,075	FALSE
0,001	0,307	0,000	0,009	0,013	FALSE
-0,007	0,306	0,000	0,007	0,005	FALSE
0,112	0,296	0,003	0,008	0,177	FALSE
-0,033	0,309	-0,001	0,007	0,029	FALSE
-0,015	0,306	-0,001	0,012	0,027	FALSE
0,020	0,302	0,000	0,011	0,012	FALSE
-0,048	0,319	-0,001	0,008	0,061	FALSE
0,012	0,311	0,000	0,010	0,001	FALSE
-0,138	0,309	-0,005	0,011	0,179	FALSE
0,016	0,303	0,000	0,007	0,026	FALSE
-0,077	0,312	-0,002	0,009	0,071	FALSE
0,109	0,301	0,002	0,008	0,120	FALSE
0,080	0,306	0,003	0,009	0,148	FALSE
0,055	0,313	0,001	0,010	0,049	FALSE
0,014	0,305	0,000	0,012	0,009	FALSE
-0,019	0,305	-0,001	0,012	0,035	FALSE
-0,021	0,316	-0,001	0,013	0,019	FALSE
-0,067	0,317	-0,001	0,007	0,074	FALSE
0,125	0,301	0,003	0,008	0,181	FALSE
-0,018	0,308	-0,001	0,009	0,026	FALSE
-0,105	0,303	-0,003	0,010	0,125	FALSE
-0,026	0,316	-0,001	0,012	0,020	FALSE
0,056	0,301	0,002	0,008	0,072	FALSE
-0,013	0,313	0,000	0,013	0,003	FALSE
-0,131	0,303	-0,003	0,007	0,181	FALSE
0,063	0,308	0,002	0,011	0,070	FALSE
0,110	0,296	0,003	0,007	0,138	FALSE
0,091	0,308	0,002	0,008	0,126	FALSE
0,009	0,302	0,001	0,011	0,025	FALSE
-0,111	0,312	-0,003	0,009	0,135	FALSE
-0,015	0,319	0,000	0,010	0,013	FALSE
0,043	0,306	0,001	0,006	0,051	FALSE
0,080	0,321	0,003	0,013	0,074	FALSE
0,051	0,309	0,002	0,012	0,060	FALSE
0,091	0,305	0,003	0,012	0,099	FALSE
0,075	0,314	0,002	0,007	0,120	FALSE
-0,039	0,312	-0,001	0,007	0,036	FALSE
-0,138	0,317	-0,005	0,012	0,195	FALSE
-0,100	0,310	-0,004	0,012	0,146	FALSE

0,033	0,308	0,001	0,006	0,046	FALSE
0,004	0,321	-0,001	0,012	0,031	FALSE
-0,080	0,308	-0,002	0,007	0,125	FALSE
0,038	0,325	0,002	0,008	0,068	FALSE
-0,066	0,304	-0,002	0,013	0,070	FALSE
0,010	0,310	0,000	0,008	0,013	FALSE
-0,005	0,306	0,001	0,010	0,021	FALSE
0,013	0,309	0,000	0,007	0,018	FALSE
-0,095	0,312	-0,002	0,008	0,092	FALSE
0,068	0,298	0,001	0,007	0,086	FALSE
0,045	0,306	0,003	0,011	0,092	FALSE
0,017	0,317	0,000	0,012	0,007	FALSE
0,048	0,312	0,002	0,009	0,070	FALSE
0,042	0,316	0,002	0,011	0,079	FALSE
0,030	0,305	0,001	0,007	0,051	FALSE
0,102	0,300	0,003	0,007	0,169	FALSE
0,073	0,316	0,002	0,008	0,098	FALSE
0,012	0,289	0,000	0,007	0,004	FALSE
0,123	0,299	0,003	0,008	0,183	FALSE
0,079	0,295	0,003	0,009	0,113	FALSE
-0,119	0,307	-0,005	0,013	0,156	FALSE
0,018	0,307	0,001	0,011	0,021	FALSE
-0,070	0,287	-0,001	0,008	0,074	FALSE
0,098	0,315	0,002	0,008	0,100	FALSE
0,001	0,305	0,000	0,010	0,013	FALSE
0,024	0,293	0,001	0,007	0,046	FALSE
0,009	0,302	0,000	0,010	0,006	FALSE
-0,025	0,299	-0,001	0,007	0,036	FALSE
0,082	0,300	0,002	0,006	0,102	FALSE
0,011	0,301	0,001	0,008	0,057	FALSE
0,017	0,313	0,001	0,008	0,061	FALSE
-0,052	0,306	-0,001	0,008	0,062	FALSE
-0,097	0,304	-0,004	0,010	0,134	FALSE
-0,086	0,313	-0,005	0,013	0,141	FALSE
-0,015	0,307	-0,001	0,009	0,021	FALSE
-0,032	0,313	0,000	0,007	0,019	FALSE
0,105	0,306	0,004	0,013	0,109	FALSE
-0,075	0,316	-0,003	0,012	0,090	FALSE
-0,100	0,316	-0,003	0,011	0,124	FALSE
-0,039	0,318	-0,001	0,007	0,040	FALSE
0,043	0,316	0,001	0,008	0,029	FALSE
-0,024	0,324	-0,001	0,011	0,027	FALSE
-0,052	0,315	-0,002	0,013	0,062	FALSE
0,111	0,305	0,004	0,011	0,135	FALSE
0,009	0,312	0,000	0,010	0,000	FALSE
0,074	0,293	0,003	0,008	0,147	FALSE
0,037	0,301	0,001	0,013	0,042	FALSE
0,064	0,309	0,002	0,009	0,084	FALSE
0,065	0,314	0,002	0,009	0,079	FALSE
0,066	0,316	0,002	0,010	0,078	FALSE
-0,119	0,310	-0,005	0,013	0,164	FALSE
0,011	0,308	0,001	0,012	0,046	FALSE
-0,034	0,294	-0,002	0,010	0,055	FALSE

0,098	0,299	0,003	0,010	0,124	FALSE
0,079	0,292	0,003	0,010	0,102	FALSE
0,135	0,312	0,003	0,006	0,168	FALSE
-0,148	0,292	-0,007	0,012	0,233	FALSE
-0,058	0,307	-0,001	0,009	0,046	FALSE
0,018	0,316	0,001	0,012	0,033	FALSE
0,080	0,291	0,001	0,006	0,076	FALSE
-0,096	0,305	-0,002	0,007	0,126	FALSE
-0,054	0,305	-0,002	0,012	0,074	FALSE
-0,077	0,298	-0,002	0,006	0,112	FALSE
0,062	0,322	0,003	0,012	0,094	FALSE
0,013	0,318	0,001	0,008	0,029	FALSE
-0,021	0,313	0,001	0,008	0,027	FALSE
-0,082	0,308	-0,002	0,009	0,102	FALSE
0,094	0,308	0,002	0,007	0,105	FALSE
-0,073	0,314	-0,003	0,012	0,095	FALSE
0,033	0,302	0,000	0,007	0,025	FALSE
0,031	0,310	0,001	0,013	0,041	FALSE
0,143	0,289	0,006	0,012	0,206	FALSE
0,027	0,308	0,000	0,012	0,008	FALSE
0,020	0,298	0,000	0,012	0,008	FALSE
0,010	0,301	0,000	0,013	0,002	FALSE
-0,019	0,308	-0,001	0,011	0,021	FALSE
0,045	0,301	0,002	0,008	0,089	FALSE
-0,066	0,294	-0,001	0,009	0,035	FALSE
0,030	0,297	0,000	0,006	0,023	FALSE
-0,071	0,292	-0,002	0,012	0,067	FALSE
-0,070	0,309	-0,002	0,008	0,113	FALSE
0,024	0,320	0,001	0,013	0,029	FALSE
-0,067	0,316	-0,002	0,007	0,087	FALSE
0,049	0,304	0,002	0,013	0,051	FALSE
-0,103	0,319	-0,003	0,008	0,139	FALSE
-0,075	0,312	-0,002	0,007	0,089	FALSE
-0,038	0,315	-0,001	0,013	0,032	FALSE
0,053	0,303	0,001	0,009	0,059	FALSE
-0,066	0,310	-0,003	0,012	0,091	FALSE
0,054	0,302	0,002	0,010	0,081	FALSE
0,033	0,296	0,001	0,010	0,037	FALSE
0,021	0,302	0,000	0,012	0,013	FALSE
0,027	0,315	0,000	0,013	0,007	FALSE
-0,012	0,329	-0,001	0,013	0,022	FALSE
0,002	0,312	0,000	0,007	0,019	FALSE
-0,052	0,316	-0,001	0,007	0,082	FALSE
0,039	0,299	0,001	0,006	0,059	FALSE
-0,191	0,302	-0,008	0,012	0,290	FALSE
0,028	0,305	0,001	0,007	0,044	FALSE
0,136	0,313	0,003	0,007	0,168	FALSE
0,027	0,320	0,001	0,009	0,031	FALSE
-0,081	0,313	-0,002	0,010	0,080	FALSE
-0,042	0,305	-0,001	0,009	0,027	FALSE
-0,067	0,304	-0,002	0,009	0,071	FALSE
-0,150	0,292	-0,004	0,008	0,217	FALSE
-0,030	0,316	-0,002	0,012	0,054	FALSE

-0,115	0,301	-0,003	0,009	0,139	FALSE
-0,073	0,321	-0,002	0,010	0,081	FALSE
-0,052	0,304	-0,002	0,011	0,060	FALSE
-0,034	0,300	0,000	0,007	0,018	FALSE
0,003	0,308	0,000	0,009	0,008	FALSE
0,057	0,324	0,002	0,008	0,098	FALSE
-0,034	0,305	-0,001	0,008	0,032	FALSE
0,007	0,320	0,000	0,007	0,006	FALSE
-0,008	0,308	0,000	0,009	0,007	FALSE
-0,011	0,299	0,000	0,011	0,004	FALSE
-0,135	0,305	-0,003	0,007	0,170	FALSE
0,124	0,294	0,004	0,012	0,143	FALSE
0,098	0,292	0,003	0,009	0,144	FALSE
-0,007	0,319	0,000	0,011	0,009	FALSE
-0,012	0,301	0,000	0,006	0,010	FALSE
-0,030	0,302	-0,001	0,008	0,056	FALSE
-0,011	0,300	0,000	0,008	0,021	FALSE
-0,092	0,298	-0,002	0,007	0,086	FALSE
-0,084	0,297	-0,002	0,009	0,094	FALSE
-0,043	0,309	-0,001	0,010	0,041	FALSE
-0,043	0,309	-0,001	0,007	0,033	FALSE
0,058	0,302	0,002	0,008	0,077	FALSE
-0,058	0,303	-0,001	0,007	0,078	FALSE
0,007	0,314	0,000	0,010	0,001	FALSE
-0,077	0,314	-0,002	0,007	0,134	FALSE
-0,079	0,309	-0,003	0,013	0,077	FALSE
-0,020	0,310	0,000	0,008	0,019	FALSE
0,079	0,303	0,002	0,006	0,095	FALSE
-0,005	0,305	0,000	0,006	0,004	FALSE
0,133	0,298	0,003	0,007	0,191	FALSE
-0,112	0,295	-0,006	0,013	0,197	FALSE
0,061	0,317	0,003	0,011	0,093	FALSE
0,005	0,316	0,000	0,011	0,013	FALSE
0,035	0,304	0,001	0,008	0,027	FALSE
0,027	0,297	0,001	0,011	0,041	FALSE
0,045	0,314	0,002	0,011	0,065	FALSE
0,011	0,310	0,000	0,009	0,016	FALSE
0,072	0,302	0,002	0,009	0,071	FALSE
0,070	0,299	0,002	0,012	0,077	FALSE
0,011	0,304	0,000	0,009	0,005	FALSE
-0,075	0,305	-0,003	0,012	0,105	FALSE
-0,102	0,304	-0,005	0,012	0,155	FALSE
0,124	0,304	0,006	0,012	0,222	FALSE
-0,138	0,305	-0,005	0,010	0,200	FALSE
0,128	0,296	0,002	0,006	0,156	FALSE
-0,085	0,301	-0,003	0,012	0,093	FALSE
0,026	0,319	0,001	0,009	0,024	FALSE
0,012	0,312	0,000	0,009	0,009	FALSE
0,010	0,308	0,000	0,009	0,018	FALSE
-0,013	0,290	-0,001	0,008	0,023	FALSE
-0,033	0,316	-0,001	0,007	0,035	FALSE
-0,100	0,294	-0,003	0,008	0,127	FALSE
-0,095	0,310	-0,002	0,007	0,107	FALSE

-0,057	0,303	-0,001	0,007	0,073	FALSE
0,033	0,295	0,001	0,008	0,050	FALSE
0,115	0,306	0,004	0,011	0,153	FALSE
-0,127	0,298	-0,003	0,006	0,185	FALSE
-0,167	0,307	-0,008	0,013	0,263	FALSE
0,034	0,318	0,001	0,008	0,041	FALSE
0,154	0,293	0,005	0,008	0,241	FALSE
-0,011	0,309	0,000	0,011	0,004	FALSE
-0,009	0,306	0,000	0,013	0,012	FALSE
0,008	0,308	0,000	0,013	0,005	FALSE
-0,099	0,306	-0,003	0,012	0,109	FALSE
-0,118	0,306	-0,004	0,013	0,140	FALSE
-0,070	0,299	-0,003	0,012	0,090	FALSE
0,015	0,308	0,000	0,009	0,008	FALSE
0,044	0,306	0,001	0,009	0,043	FALSE
0,086	0,310	0,002	0,008	0,107	FALSE
-0,123	0,312	-0,003	0,008	0,158	FALSE
-0,124	0,299	-0,003	0,008	0,137	FALSE
0,283	0,286	0,011	0,011	0,497	FALSE
0,077	0,305	0,001	0,006	0,084	FALSE
-0,015	0,299	0,000	0,010	0,017	FALSE
0,053	0,305	0,002	0,010	0,073	FALSE
-0,041	0,309	0,000	0,006	0,018	FALSE
0,059	0,303	0,002	0,010	0,097	FALSE
-0,050	0,312	-0,001	0,009	0,044	FALSE
-0,093	0,304	-0,004	0,013	0,135	FALSE
0,080	0,306	0,003	0,012	0,081	FALSE
-0,074	0,310	-0,003	0,013	0,094	FALSE
0,178	0,301	0,007	0,011	0,274	FALSE
0,008	0,301	0,000	0,007	0,004	FALSE
-0,101	0,296	-0,002	0,007	0,126	FALSE
0,088	0,311	0,002	0,007	0,118	FALSE
0,074	0,307	0,002	0,006	0,093	FALSE
0,021	0,307	0,001	0,009	0,033	FALSE
-0,015	0,318	0,000	0,009	0,009	FALSE
-0,013	0,305	0,000	0,009	0,012	FALSE
-0,017	0,314	0,000	0,008	0,020	FALSE
0,019	0,300	0,001	0,009	0,027	FALSE
0,058	0,308	0,002	0,010	0,094	FALSE
-0,023	0,316	-0,001	0,012	0,028	FALSE
-0,137	0,313	-0,005	0,012	0,167	FALSE
-0,026	0,302	-0,001	0,007	0,034	FALSE
0,053	0,301	0,001	0,009	0,046	FALSE
0,002	0,300	0,000	0,008	0,022	FALSE
-0,024	0,331	-0,001	0,011	0,041	FALSE
0,028	0,316	0,001	0,009	0,054	FALSE
-0,092	0,319	-0,004	0,013	0,111	FALSE
-0,053	0,308	-0,002	0,012	0,051	FALSE
-0,138	0,316	-0,004	0,008	0,192	FALSE
0,095	0,307	0,003	0,010	0,113	FALSE
-0,003	0,320	0,000	0,013	0,004	FALSE
0,147	0,287	0,006	0,012	0,219	FALSE
-0,131	0,295	-0,004	0,009	0,211	FALSE

-0,136	0,298	-0,003	0,007	0,165	FALSE
-0,079	0,303	-0,002	0,008	0,104	FALSE
-0,017	0,302	-0,001	0,011	0,040	FALSE
-0,074	0,317	-0,003	0,011	0,107	FALSE
0,036	0,324	0,001	0,012	0,025	FALSE
-0,014	0,310	0,000	0,008	0,006	FALSE
0,071	0,320	0,002	0,008	0,069	FALSE
-0,091	0,304	-0,002	0,008	0,112	FALSE
-0,046	0,312	-0,001	0,012	0,029	FALSE
-0,002	0,312	0,000	0,007	0,014	FALSE
-0,112	0,295	-0,004	0,010	0,146	FALSE
0,013	0,325	0,000	0,007	0,020	FALSE
0,018	0,310	0,001	0,012	0,036	FALSE
-0,007	0,302	0,000	0,007	0,011	FALSE
0,042	0,297	0,002	0,012	0,068	FALSE
-0,108	0,307	-0,003	0,009	0,142	FALSE
-0,023	0,318	0,000	0,007	0,022	FALSE
0,204	0,318	0,005	0,007	0,296	FALSE
-0,125	0,323	-0,004	0,009	0,165	FALSE
-0,068	0,308	-0,003	0,012	0,094	FALSE
0,004	0,316	0,001	0,010	0,039	FALSE
0,085	0,320	0,002	0,006	0,114	FALSE
-0,002	0,302	0,001	0,008	0,033	FALSE
0,021	0,304	0,000	0,012	0,007	FALSE
0,085	0,297	0,003	0,010	0,118	FALSE
-0,009	0,305	0,000	0,009	0,001	FALSE
-0,080	0,312	-0,003	0,012	0,091	FALSE
-0,001	0,328	0,001	0,008	0,033	FALSE
0,125	0,303	0,003	0,007	0,162	FALSE
0,067	0,303	0,001	0,009	0,052	FALSE
0,134	0,292	0,006	0,011	0,208	FALSE
-0,106	0,303	-0,002	0,006	0,136	FALSE
-0,116	0,292	-0,005	0,013	0,175	FALSE
0,024	0,302	0,000	0,006	0,016	FALSE
0,016	0,305	0,000	0,010	0,010	FALSE
0,067	0,321	0,002	0,009	0,086	FALSE
0,016	0,314	0,001	0,008	0,030	FALSE
-0,070	0,309	-0,002	0,011	0,057	FALSE
0,084	0,301	0,003	0,012	0,105	FALSE
0,070	0,310	0,002	0,012	0,076	FALSE
-0,091	0,305	-0,002	0,007	0,102	FALSE
0,091	0,314	0,004	0,013	0,116	FALSE
-0,009	0,296	-0,001	0,012	0,021	FALSE
-0,053	0,312	-0,002	0,011	0,078	FALSE
-0,031	0,313	-0,001	0,010	0,022	FALSE
0,094	0,299	0,002	0,007	0,104	FALSE
0,030	0,310	0,001	0,006	0,033	FALSE
0,185	0,287	0,007	0,012	0,257	FALSE
-0,033	0,309	-0,001	0,007	0,043	FALSE
-0,130	0,313	-0,005	0,011	0,180	FALSE
0,005	0,305	0,000	0,012	0,013	FALSE
-0,084	0,300	-0,003	0,009	0,151	FALSE
0,087	0,288	0,004	0,011	0,137	FALSE

0,050	0,297	0,001	0,007	0,047	FALSE
-0,013	0,296	0,000	0,012	0,009	FALSE
-0,024	0,317	-0,001	0,010	0,031	FALSE
-0,081	0,314	-0,002	0,007	0,095	FALSE
-0,069	0,311	-0,002	0,009	0,064	FALSE
-0,022	0,317	0,000	0,008	0,009	FALSE
0,003	0,300	-0,001	0,012	0,029	FALSE
0,140	0,320	0,004	0,008	0,204	FALSE
-0,008	0,296	0,000	0,006	0,019	FALSE
0,014	0,298	0,000	0,006	0,008	FALSE
0,018	0,321	0,000	0,013	0,007	FALSE
0,098	0,295	0,003	0,010	0,137	FALSE
0,114	0,318	0,005	0,013	0,153	FALSE
-0,020	0,299	-0,001	0,013	0,030	FALSE
0,000	0,313	0,000	0,013	0,005	FALSE
0,014	0,302	0,000	0,012	0,014	FALSE
-0,012	0,304	-0,001	0,012	0,019	FALSE
-0,036	0,301	-0,001	0,010	0,048	FALSE
-0,050	0,305	-0,002	0,012	0,070	FALSE
0,001	0,316	0,000	0,008	0,000	FALSE
0,026	0,306	0,001	0,010	0,027	FALSE
-0,002	0,311	-0,001	0,012	0,031	FALSE
-0,083	0,304	-0,004	0,012	0,131	FALSE
-0,120	0,307	-0,002	0,007	0,130	FALSE
0,107	0,311	0,002	0,007	0,128	FALSE
-0,068	0,308	-0,003	0,012	0,094	FALSE
0,022	0,310	0,001	0,011	0,027	FALSE
0,128	0,300	0,005	0,011	0,172	FALSE
-0,026	0,303	0,000	0,008	0,014	FALSE
0,021	0,304	0,000	0,010	0,013	FALSE
-0,132	0,303	-0,003	0,007	0,195	FALSE
0,043	0,307	0,001	0,011	0,040	FALSE
0,079	0,300	0,002	0,009	0,077	FALSE
-0,033	0,286	-0,001	0,012	0,019	FALSE
0,005	0,312	0,000	0,009	0,004	FALSE
-0,044	0,320	-0,003	0,013	0,075	FALSE
-0,103	0,314	-0,003	0,010	0,127	FALSE
0,034	0,304	0,001	0,012	0,015	FALSE
-0,065	0,307	-0,003	0,011	0,103	FALSE
-0,071	0,323	-0,002	0,007	0,088	FALSE
0,060	0,306	0,002	0,008	0,091	FALSE
-0,019	0,312	0,000	0,010	0,004	FALSE
0,044	0,312	0,001	0,007	0,060	FALSE
-0,060	0,319	-0,002	0,010	0,089	FALSE
-0,088	0,304	-0,003	0,011	0,095	FALSE
0,029	0,299	0,000	0,006	0,010	FALSE
-0,132	0,300	-0,005	0,010	0,191	FALSE
-0,069	0,313	-0,001	0,007	0,068	FALSE
-0,033	0,309	0,000	0,008	0,011	FALSE
-0,037	0,313	-0,002	0,013	0,064	FALSE
0,071	0,327	0,001	0,009	0,056	FALSE
-0,099	0,289	-0,004	0,011	0,130	FALSE
-0,083	0,301	-0,004	0,012	0,122	FALSE

-0,059	0,304	-0,001	0,007	0,034	FALSE
0,076	0,296	0,002	0,006	0,107	FALSE
0,128	0,298	0,003	0,007	0,210	FALSE
-0,007	0,307	0,000	0,008	0,010	FALSE
0,203	0,297	0,008	0,012	0,300	FALSE
0,001	0,309	0,000	0,006	0,006	FALSE
-0,007	0,310	0,000	0,012	0,011	FALSE
-0,042	0,306	-0,001	0,009	0,043	FALSE
-0,101	0,301	-0,002	0,007	0,125	FALSE
0,063	0,299	0,002	0,010	0,072	FALSE
0,105	0,301	0,002	0,007	0,103	FALSE
-0,055	0,299	-0,001	0,007	0,073	FALSE
0,195	0,297	0,005	0,008	0,282	FALSE
-0,101	0,306	-0,005	0,013	0,166	FALSE
0,100	0,296	0,002	0,010	0,089	FALSE
0,077	0,289	0,003	0,011	0,098	FALSE
-0,004	0,304	0,000	0,011	0,008	FALSE
0,009	0,300	0,000	0,011	0,002	FALSE
-0,081	0,294	-0,004	0,013	0,109	FALSE
0,219	0,299	0,007	0,008	0,364	FALSE
-0,005	0,304	0,000	0,010	0,013	FALSE
0,039	0,308	0,001	0,006	0,066	FALSE
0,010	0,313	0,001	0,012	0,030	FALSE
0,118	0,299	0,005	0,011	0,195	FALSE
0,098	0,305	0,002	0,007	0,130	FALSE
-0,058	0,307	-0,002	0,009	0,076	FALSE
0,148	0,305	0,003	0,007	0,212	FALSE
-0,043	0,312	-0,001	0,008	0,067	FALSE
0,015	0,295	0,000	0,011	0,013	FALSE
-0,081	0,306	-0,003	0,010	0,102	FALSE
0,067	0,305	0,001	0,007	0,063	FALSE
0,168	0,311	0,005	0,009	0,228	FALSE
-0,100	0,303	-0,004	0,012	0,124	FALSE
-0,196	0,303	-0,008	0,012	0,307	FALSE
0,011	0,308	0,000	0,008	0,022	FALSE
0,029	0,309	0,001	0,008	0,040	FALSE
0,004	0,310	0,000	0,009	0,003	FALSE
-0,111	0,312	-0,003	0,011	0,127	FALSE
-0,071	0,308	-0,002	0,010	0,081	FALSE
-0,084	0,319	-0,004	0,013	0,108	FALSE
0,120	0,298	0,004	0,012	0,117	FALSE
0,124	0,297	0,004	0,012	0,129	FALSE
0,023	0,303	0,000	0,013	0,010	FALSE
0,101	0,304	0,004	0,012	0,120	FALSE
0,056	0,311	0,002	0,010	0,087	FALSE
0,025	0,292	0,000	0,009	0,004	FALSE
0,045	0,304	0,002	0,011	0,065	FALSE
0,000	0,309	0,000	0,012	0,013	FALSE
-0,005	0,290	0,000	0,012	0,004	FALSE
-0,178	0,304	-0,004	0,007	0,244	FALSE
-0,172	0,300	-0,004	0,007	0,259	FALSE
-0,072	0,301	-0,002	0,010	0,078	FALSE
-0,152	0,322	-0,007	0,013	0,223	FALSE

-0,127	0,299	-0,003	0,007	0,158	FALSE
0,012	0,306	-0,001	0,011	0,022	FALSE
0,031	0,288	0,001	0,012	0,020	FALSE
0,042	0,302	0,002	0,010	0,060	FALSE
0,138	0,299	0,004	0,008	0,231	FALSE
0,050	0,295	0,001	0,012	0,043	FALSE
0,082	0,312	0,002	0,011	0,075	FALSE
0,106	0,304	0,003	0,010	0,110	FALSE
0,059	0,315	0,001	0,008	0,068	FALSE
0,072	0,304	0,002	0,011	0,085	FALSE
0,043	0,315	0,001	0,007	0,062	FALSE
0,043	0,328	0,001	0,007	0,042	FALSE
0,095	0,319	0,003	0,010	0,111	FALSE
0,023	0,303	0,000	0,006	0,026	FALSE
0,138	0,288	0,004	0,009	0,202	FALSE
-0,007	0,314	0,000	0,007	0,010	FALSE
0,033	0,292	0,001	0,010	0,028	FALSE
-0,005	0,295	0,000	0,011	0,012	FALSE
0,187	0,309	0,006	0,009	0,297	FALSE
-0,061	0,310	-0,002	0,011	0,083	FALSE
-0,099	0,289	-0,005	0,012	0,182	FALSE
-0,108	0,297	-0,005	0,012	0,187	FALSE
-0,009	0,302	0,000	0,010	0,001	FALSE
0,012	0,312	0,000	0,008	0,017	FALSE
0,060	0,295	0,002	0,010	0,091	FALSE
-0,065	0,299	-0,003	0,012	0,087	FALSE
-0,129	0,285	-0,003	0,007	0,192	FALSE
-0,083	0,302	-0,003	0,010	0,120	FALSE
-0,043	0,302	-0,001	0,009	0,048	FALSE
0,129	0,294	0,003	0,007	0,171	FALSE
0,149	0,304	0,003	0,007	0,190	FALSE
0,142	0,297	0,005	0,011	0,175	FALSE
-0,058	0,304	-0,001	0,007	0,073	FALSE
0,089	0,315	0,002	0,007	0,106	FALSE
-0,179	0,306	-0,006	0,009	0,263	FALSE
-0,166	0,295	-0,006	0,012	0,236	FALSE
-0,198	0,308	-0,007	0,011	0,280	FALSE
0,045	0,314	0,002	0,013	0,057	FALSE
-0,029	0,293	-0,001	0,008	0,038	FALSE
-0,071	0,317	-0,001	0,006	0,081	FALSE
-0,102	0,315	-0,004	0,012	0,123	FALSE
0,027	0,324	0,001	0,010	0,023	FALSE
0,027	0,325	0,001	0,011	0,026	FALSE
-0,184	0,310	-0,005	0,008	0,265	FALSE
0,064	0,297	0,002	0,007	0,098	FALSE
0,082	0,307	0,001	0,006	0,070	FALSE
0,091	0,323	0,002	0,008	0,109	FALSE
0,035	0,317	0,002	0,013	0,052	FALSE
-0,036	0,297	-0,002	0,011	0,077	FALSE
-0,100	0,301	-0,004	0,011	0,154	FALSE
-0,062	0,301	-0,001	0,006	0,088	FALSE
-0,138	0,303	-0,004	0,011	0,166	FALSE
-0,089	0,309	-0,003	0,009	0,144	FALSE

0,155	0,292	0,004	0,008	0,220	FALSE
0,009	0,303	0,000	0,008	0,002	FALSE
-0,116	0,300	-0,004	0,010	0,166	FALSE
-0,037	0,316	-0,002	0,010	0,057	FALSE
0,015	0,305	0,001	0,009	0,042	FALSE
-0,155	0,301	-0,006	0,013	0,208	FALSE
-0,073	0,317	-0,002	0,009	0,086	FALSE
-0,015	0,310	0,000	0,007	0,018	FALSE
0,008	0,303	0,000	0,012	0,011	FALSE
-0,095	0,292	-0,003	0,008	0,136	FALSE
-0,126	0,298	-0,004	0,009	0,198	FALSE
-0,097	0,304	-0,003	0,009	0,150	FALSE
0,072	0,314	0,003	0,013	0,073	FALSE
-0,097	0,310	-0,003	0,013	0,088	FALSE
0,100	0,317	0,004	0,013	0,105	FALSE
0,129	0,297	0,003	0,006	0,184	FALSE
0,019	0,309	0,001	0,010	0,025	FALSE
0,106	0,301	0,004	0,010	0,170	FALSE
0,170	0,303	0,006	0,012	0,224	FALSE
0,040	0,300	0,002	0,012	0,072	FALSE
-0,001	0,301	0,000	0,008	0,000	FALSE
0,015	0,312	0,001	0,009	0,025	FALSE
0,060	0,302	0,001	0,007	0,064	FALSE
0,025	0,315	0,000	0,008	0,004	FALSE
-0,109	0,316	-0,003	0,010	0,135	FALSE
0,031	0,323	0,002	0,012	0,072	FALSE
0,056	0,298	0,002	0,008	0,121	FALSE
-0,040	0,316	-0,001	0,008	0,032	FALSE
-0,048	0,317	-0,001	0,007	0,051	FALSE
0,156	0,310	0,005	0,010	0,223	FALSE
-0,061	0,301	-0,003	0,012	0,092	FALSE
0,048	0,326	0,002	0,007	0,083	FALSE
-0,116	0,305	-0,002	0,006	0,134	FALSE
0,035	0,293	0,001	0,006	0,044	FALSE
0,024	0,306	0,001	0,007	0,043	FALSE
0,006	0,300	-0,001	0,008	0,027	FALSE
-0,029	0,307	0,000	0,009	0,002	FALSE
-0,023	0,312	0,000	0,009	0,008	FALSE
0,002	0,309	0,001	0,009	0,041	FALSE
0,008	0,304	0,001	0,009	0,032	FALSE
-0,039	0,300	0,000	0,007	0,026	FALSE
0,012	0,303	0,000	0,008	0,016	FALSE
-0,083	0,318	-0,003	0,013	0,087	FALSE
-0,065	0,315	-0,001	0,007	0,041	FALSE
-0,021	0,311	-0,001	0,010	0,037	FALSE
-0,012	0,296	0,000	0,010	0,008	FALSE
0,096	0,302	0,002	0,006	0,135	FALSE
-0,148	0,304	-0,004	0,007	0,201	FALSE
0,007	0,321	0,001	0,008	0,028	FALSE
0,019	0,310	0,001	0,007	0,034	FALSE
0,133	0,300	0,003	0,009	0,151	FALSE
0,124	0,293	0,003	0,007	0,198	FALSE
0,030	0,305	0,001	0,011	0,025	FALSE

0,118	0,298	0,003	0,007	0,174	FALSE
0,019	0,296	0,000	0,012	0,013	FALSE
0,065	0,313	0,003	0,012	0,095	FALSE
0,040	0,308	0,001	0,013	0,018	FALSE
0,074	0,300	0,002	0,009	0,080	FALSE
-0,013	0,308	0,000	0,012	0,011	FALSE
-0,098	0,314	-0,002	0,007	0,124	FALSE
0,136	0,303	0,005	0,010	0,197	FALSE
0,090	0,305	0,002	0,007	0,108	FALSE
-0,220	0,295	-0,009	0,012	0,317	FALSE
0,175	0,306	0,008	0,012	0,277	FALSE
-0,156	0,301	-0,004	0,009	0,217	FALSE
-0,063	0,298	-0,001	0,006	0,057	FALSE
-0,138	0,302	-0,002	0,007	0,148	FALSE
-0,014	0,321	-0,001	0,012	0,026	FALSE
0,026	0,312	0,000	0,009	0,012	FALSE
0,001	0,307	0,001	0,012	0,016	FALSE
0,011	0,292	0,000	0,009	0,009	FALSE
0,010	0,292	0,000	0,006	0,013	FALSE
0,048	0,309	0,001	0,008	0,047	FALSE
0,035	0,313	0,001	0,007	0,065	FALSE
-0,021	0,296	0,000	0,006	0,007	FALSE
-0,132	0,308	-0,003	0,008	0,171	FALSE
-0,051	0,287	-0,002	0,009	0,080	FALSE
0,071	0,311	0,003	0,012	0,108	FALSE
-0,055	0,295	-0,001	0,007	0,075	FALSE
-0,068	0,313	-0,002	0,006	0,096	FALSE
-0,114	0,305	-0,003	0,008	0,146	FALSE
-0,025	0,302	-0,001	0,009	0,025	FALSE
-0,065	0,317	-0,002	0,008	0,090	FALSE
-0,056	0,314	-0,002	0,007	0,092	FALSE
-0,074	0,310	-0,002	0,007	0,093	FALSE
-0,038	0,310	-0,001	0,006	0,042	FALSE
-0,044	0,313	-0,001	0,007	0,049	FALSE
-0,014	0,307	-0,001	0,012	0,024	FALSE
-0,071	0,305	-0,002	0,007	0,109	FALSE
-0,049	0,304	-0,001	0,007	0,071	FALSE
-0,011	0,305	-0,001	0,010	0,021	FALSE
0,002	0,319	0,000	0,011	0,012	FALSE
0,073	0,299	0,003	0,009	0,114	FALSE
-0,065	0,313	-0,002	0,008	0,079	FALSE
0,047	0,315	0,001	0,007	0,036	FALSE
0,005	0,313	0,001	0,012	0,016	FALSE
-0,137	0,329	-0,004	0,009	0,164	FALSE
0,021	0,317	0,001	0,012	0,043	FALSE
-0,086	0,313	-0,002	0,007	0,110	FALSE
0,172	0,312	0,004	0,008	0,248	FALSE
-0,014	0,308	0,000	0,008	0,002	FALSE
0,109	0,313	0,003	0,008	0,134	FALSE
-0,022	0,313	0,000	0,010	0,006	FALSE
-0,040	0,294	-0,001	0,007	0,059	FALSE
0,056	0,297	0,001	0,010	0,039	FALSE
-0,042	0,297	-0,003	0,012	0,100	FALSE

-0,062	0,303	-0,004	0,012	0,120	FALSE
0,050	0,288	0,001	0,008	0,054	FALSE
0,023	0,307	0,002	0,012	0,046	FALSE
0,087	0,303	0,001	0,006	0,081	FALSE
0,181	0,288	0,007	0,011	0,269	FALSE
-0,125	0,305	-0,003	0,008	0,157	FALSE
-0,011	0,314	0,000	0,010	0,014	FALSE
0,132	0,315	0,004	0,011	0,159	FALSE
0,089	0,296	0,003	0,008	0,143	FALSE
0,017	0,317	0,000	0,011	0,015	FALSE
0,113	0,310	0,004	0,011	0,140	FALSE
-0,002	0,306	0,000	0,008	0,019	FALSE
0,063	0,314	0,002	0,011	0,077	FALSE
-0,104	0,303	-0,002	0,007	0,134	FALSE
0,074	0,307	0,003	0,011	0,117	FALSE
-0,041	0,319	-0,001	0,008	0,036	FALSE
-0,014	0,308	-0,001	0,012	0,018	FALSE
-0,076	0,294	-0,002	0,008	0,102	FALSE
0,004	0,314	0,000	0,010	0,003	FALSE
0,033	0,302	0,002	0,008	0,086	FALSE
-0,053	0,316	-0,002	0,007	0,102	FALSE
0,094	0,318	0,004	0,011	0,145	FALSE
0,063	0,312	0,002	0,008	0,106	FALSE
-0,024	0,294	0,000	0,008	0,011	FALSE
-0,012	0,307	0,000	0,008	0,011	FALSE
0,056	0,301	0,002	0,008	0,101	FALSE
-0,104	0,306	-0,002	0,007	0,132	FALSE
0,097	0,300	0,003	0,009	0,142	FALSE
0,023	0,318	0,001	0,010	0,044	FALSE
-0,040	0,313	-0,001	0,007	0,057	FALSE
0,081	0,295	0,001	0,007	0,077	FALSE
0,213	0,293	0,004	0,007	0,267	FALSE
-0,012	0,304	0,000	0,007	0,023	FALSE
-0,076	0,303	-0,003	0,007	0,141	FALSE
0,066	0,293	0,001	0,007	0,080	FALSE
0,084	0,294	0,002	0,007	0,099	FALSE
0,119	0,310	0,005	0,012	0,162	FALSE
-0,071	0,302	-0,002	0,008	0,100	FALSE
-0,020	0,308	-0,001	0,011	0,020	FALSE
0,056	0,304	0,001	0,013	0,027	FALSE
-0,026	0,307	-0,002	0,012	0,051	FALSE
-0,074	0,311	-0,001	0,006	0,075	FALSE
-0,005	0,304	0,000	0,011	0,012	FALSE
0,132	0,294	0,004	0,010	0,144	FALSE
-0,031	0,309	-0,001	0,012	0,035	FALSE
-0,072	0,300	-0,002	0,010	0,075	FALSE
0,145	0,311	0,004	0,009	0,186	FALSE
0,136	0,311	0,005	0,012	0,148	FALSE
0,005	0,310	0,000	0,009	0,001	FALSE
0,054	0,306	0,001	0,011	0,044	FALSE
0,104	0,316	0,002	0,008	0,128	FALSE
-0,032	0,318	-0,001	0,009	0,031	FALSE
0,041	0,303	0,001	0,006	0,047	FALSE

0,027	0,298	0,001	0,006	0,072	FALSE
0,114	0,304	0,003	0,009	0,141	FALSE
0,037	0,306	0,001	0,010	0,045	FALSE
-0,089	0,296	-0,003	0,011	0,113	FALSE
-0,043	0,311	-0,002	0,007	0,092	FALSE
0,124	0,314	0,005	0,013	0,165	FALSE
-0,030	0,297	-0,001	0,007	0,046	FALSE
-0,070	0,319	-0,002	0,009	0,080	FALSE
0,081	0,298	0,002	0,011	0,081	FALSE
-0,009	0,315	0,000	0,007	0,001	FALSE
0,044	0,304	0,001	0,012	0,045	FALSE
-0,008	0,314	0,000	0,010	0,002	FALSE
-0,092	0,305	-0,004	0,013	0,108	FALSE
-0,017	0,301	0,001	0,010	0,026	FALSE
-0,158	0,291	-0,003	0,006	0,234	FALSE
0,059	0,299	0,001	0,007	0,077	FALSE
0,010	0,307	0,000	0,012	0,010	FALSE
0,055	0,303	0,002	0,012	0,059	FALSE
0,139	0,299	0,003	0,007	0,158	FALSE
-0,099	0,317	-0,005	0,013	0,145	FALSE
0,081	0,314	0,002	0,006	0,096	FALSE
-0,067	0,303	-0,001	0,007	0,068	FALSE
-0,016	0,287	0,000	0,012	0,011	FALSE
0,017	0,312	0,001	0,008	0,028	FALSE
0,003	0,287	-0,001	0,012	0,033	FALSE
0,031	0,301	0,001	0,007	0,029	FALSE
-0,091	0,303	-0,005	0,013	0,165	FALSE
0,098	0,302	0,003	0,010	0,141	FALSE
0,012	0,305	0,000	0,006	0,022	FALSE
0,076	0,306	0,002	0,008	0,106	FALSE
0,126	0,307	0,004	0,009	0,170	FALSE
-0,139	0,310	-0,006	0,012	0,222	FALSE
-0,022	0,319	-0,001	0,011	0,034	FALSE
-0,015	0,304	-0,001	0,011	0,028	FALSE
0,057	0,311	0,002	0,007	0,091	FALSE
-0,013	0,317	-0,001	0,011	0,025	FALSE
-0,068	0,315	-0,003	0,012	0,084	FALSE
0,116	0,293	0,004	0,008	0,201	FALSE
0,087	0,318	0,004	0,013	0,112	FALSE
-0,105	0,307	-0,004	0,011	0,158	FALSE
-0,002	0,313	0,000	0,012	0,009	FALSE
0,024	0,295	0,000	0,012	0,010	FALSE
-0,009	0,315	0,000	0,007	0,003	FALSE
0,005	0,307	0,000	0,010	0,001	FALSE
0,089	0,299	0,002	0,007	0,127	FALSE
-0,101	0,301	-0,004	0,010	0,136	FALSE
0,103	0,314	0,003	0,008	0,133	FALSE
-0,165	0,306	-0,005	0,011	0,195	FALSE
-0,179	0,304	-0,007	0,013	0,241	FALSE
0,083	0,299	0,002	0,008	0,105	FALSE
-0,056	0,300	-0,002	0,010	0,069	FALSE
0,216	0,286	0,005	0,007	0,372	FALSE
0,066	0,304	0,004	0,012	0,116	FALSE

0,042	0,307	0,002	0,010	0,075	FALSE
0,111	0,317	0,003	0,007	0,170	FALSE
-0,139	0,297	-0,003	0,008	0,177	FALSE
-0,115	0,309	-0,004	0,009	0,166	FALSE
0,195	0,293	0,008	0,012	0,325	FALSE
-0,163	0,303	-0,004	0,008	0,223	FALSE
-0,083	0,316	-0,002	0,007	0,090	FALSE
0,017	0,307	0,001	0,007	0,038	FALSE
0,106	0,291	0,004	0,011	0,156	FALSE
0,019	0,295	0,001	0,012	0,034	FALSE
0,024	0,300	0,001	0,013	0,026	FALSE
-0,119	0,293	-0,002	0,007	0,140	FALSE
-0,079	0,312	-0,002	0,012	0,075	FALSE
-0,044	0,313	-0,001	0,010	0,048	FALSE
0,105	0,309	0,003	0,012	0,105	FALSE
0,070	0,308	0,002	0,011	0,079	FALSE
0,002	0,313	0,000	0,009	0,001	FALSE
-0,007	0,297	-0,001	0,007	0,032	FALSE
-0,090	0,313	-0,003	0,009	0,118	FALSE
-0,113	0,306	-0,003	0,006	0,172	FALSE
-0,059	0,305	-0,002	0,011	0,065	FALSE
-0,111	0,302	-0,002	0,007	0,134	FALSE
-0,120	0,303	-0,003	0,007	0,163	FALSE
-0,142	0,301	-0,003	0,007	0,184	FALSE
-0,108	0,310	-0,004	0,012	0,133	FALSE
-0,033	0,312	-0,001	0,013	0,027	FALSE
-0,093	0,293	-0,004	0,010	0,166	FALSE
0,028	0,312	0,001	0,007	0,035	FALSE
0,109	0,288	0,002	0,006	0,125	FALSE
0,113	0,315	0,004	0,012	0,129	FALSE
0,114	0,304	0,004	0,012	0,124	FALSE
0,104	0,299	0,003	0,009	0,141	FALSE
-0,031	0,302	0,000	0,012	0,009	FALSE
-0,115	0,295	-0,003	0,009	0,147	FALSE
0,054	0,304	0,001	0,008	0,042	FALSE
0,083	0,302	0,002	0,007	0,096	FALSE
-0,002	0,306	0,000	0,007	0,012	FALSE
0,054	0,309	0,001	0,006	0,046	FALSE
-0,019	0,314	-0,001	0,011	0,020	FALSE
0,020	0,316	0,000	0,007	0,010	FALSE
-0,092	0,308	-0,002	0,010	0,077	FALSE
-0,124	0,301	-0,004	0,008	0,201	FALSE
0,006	0,303	0,000	0,008	0,017	FALSE
0,094	0,296	0,004	0,012	0,145	FALSE
0,016	0,292	0,001	0,008	0,039	FALSE
-0,029	0,317	-0,001	0,012	0,020	FALSE
0,031	0,302	0,001	0,008	0,029	FALSE
-0,052	0,312	-0,002	0,013	0,065	FALSE
0,054	0,295	0,001	0,010	0,029	FALSE
-0,008	0,303	-0,001	0,013	0,034	FALSE
0,047	0,288	0,001	0,007	0,062	FALSE
0,033	0,308	0,002	0,010	0,057	FALSE
0,029	0,295	0,001	0,011	0,017	FALSE

0,160	0,297	0,007	0,013	0,219	FALSE
0,035	0,299	0,001	0,010	0,030	FALSE
0,039	0,307	0,001	0,011	0,035	FALSE
-0,081	0,302	-0,003	0,011	0,117	FALSE
-0,178	0,303	-0,007	0,011	0,254	FALSE
-0,105	0,295	-0,002	0,008	0,109	FALSE
-0,153	0,302	-0,006	0,012	0,213	FALSE
0,155	0,302	0,005	0,010	0,176	FALSE
0,011	0,310	0,001	0,012	0,017	FALSE
-0,038	0,322	-0,001	0,013	0,035	FALSE
-0,006	0,297	0,000	0,012	0,004	FALSE
-0,155	0,307	-0,003	0,007	0,201	FALSE
-0,065	0,310	-0,003	0,012	0,103	FALSE
-0,015	0,311	-0,001	0,009	0,023	FALSE
-0,046	0,312	-0,002	0,012	0,077	FALSE
0,043	0,314	0,002	0,011	0,069	FALSE
0,017	0,319	0,000	0,012	0,003	FALSE
0,003	0,318	0,000	0,012	0,004	FALSE
0,006	0,314	0,001	0,009	0,038	FALSE
-0,093	0,287	-0,004	0,012	0,127	FALSE
0,080	0,300	0,003	0,012	0,094	FALSE
0,054	0,296	0,001	0,008	0,030	FALSE
0,033	0,309	0,001	0,010	0,020	FALSE
-0,035	0,296	0,000	0,007	0,025	FALSE
0,025	0,311	0,000	0,007	0,006	FALSE
0,052	0,295	0,003	0,011	0,087	FALSE
-0,093	0,307	-0,003	0,008	0,154	FALSE
-0,036	0,308	-0,001	0,008	0,049	FALSE
0,021	0,318	0,001	0,007	0,050	FALSE
0,030	0,307	0,001	0,009	0,033	FALSE
-0,092	0,314	-0,002	0,008	0,085	FALSE
-0,095	0,317	-0,004	0,012	0,139	FALSE
-0,131	0,304	-0,004	0,008	0,189	FALSE
-0,056	0,311	-0,002	0,010	0,061	FALSE
-0,016	0,316	-0,001	0,009	0,028	FALSE
-0,207	0,300	-0,007	0,009	0,352	FALSE
0,036	0,296	0,001	0,008	0,039	FALSE
-0,087	0,304	-0,003	0,011	0,090	FALSE
0,029	0,301	0,001	0,007	0,037	FALSE
0,120	0,303	0,003	0,008	0,176	FALSE
0,044	0,317	0,001	0,007	0,058	FALSE
-0,046	0,316	-0,001	0,007	0,034	FALSE
0,014	0,293	0,000	0,010	0,009	FALSE
-0,106	0,302	-0,006	0,012	0,188	FALSE
-0,141	0,308	-0,007	0,013	0,215	FALSE
-0,111	0,321	-0,003	0,007	0,165	FALSE
-0,109	0,313	-0,003	0,008	0,161	FALSE
0,100	0,319	0,003	0,011	0,089	FALSE
0,130	0,314	0,004	0,012	0,136	FALSE
-0,082	0,313	-0,003	0,012	0,083	FALSE
-0,110	0,310	-0,003	0,007	0,171	FALSE
-0,003	0,315	0,000	0,010	0,014	FALSE
-0,093	0,298	-0,003	0,009	0,133	FALSE

-0,041	0,306	-0,002	0,013	0,056	FALSE
0,001	0,303	0,000	0,006	0,014	FALSE
0,040	0,290	0,001	0,012	0,042	FALSE
0,078	0,298	0,002	0,006	0,105	FALSE
-0,023	0,305	-0,001	0,007	0,028	FALSE
0,004	0,317	0,000	0,006	0,029	FALSE
0,099	0,299	0,005	0,011	0,175	FALSE
-0,032	0,306	-0,001	0,008	0,058	FALSE
-0,054	0,309	-0,002	0,010	0,065	FALSE
-0,023	0,313	-0,002	0,013	0,047	FALSE
0,011	0,308	0,000	0,010	0,003	FALSE
0,057	0,290	0,002	0,011	0,078	FALSE
0,082	0,303	0,002	0,009	0,097	FALSE
-0,051	0,311	-0,001	0,009	0,047	FALSE
-0,066	0,313	-0,002	0,011	0,080	FALSE
-0,061	0,316	-0,002	0,011	0,066	FALSE
0,112	0,297	0,004	0,011	0,152	FALSE
-0,079	0,303	-0,002	0,007	0,095	FALSE
-0,152	0,301	-0,006	0,011	0,215	FALSE
-0,074	0,301	-0,002	0,006	0,105	FALSE
-0,100	0,305	-0,003	0,008	0,123	FALSE
0,037	0,309	0,001	0,007	0,039	FALSE
0,014	0,313	0,000	0,008	0,014	FALSE
-0,006	0,313	0,000	0,008	0,005	FALSE
0,005	0,306	0,000	0,008	0,001	FALSE
0,058	0,296	0,002	0,011	0,082	FALSE
0,149	0,299	0,004	0,008	0,206	FALSE
0,113	0,302	0,003	0,008	0,163	FALSE
-0,017	0,314	0,000	0,008	0,011	FALSE
-0,064	0,296	-0,003	0,011	0,106	FALSE
0,029	0,313	0,001	0,009	0,030	FALSE
-0,083	0,303	-0,002	0,006	0,111	FALSE
0,012	0,300	0,000	0,011	0,002	FALSE
-0,157	0,311	-0,004	0,007	0,222	FALSE
0,033	0,294	0,001	0,012	0,017	FALSE
0,085	0,302	0,003	0,009	0,121	FALSE
-0,011	0,307	0,000	0,010	0,004	FALSE
-0,111	0,305	-0,003	0,007	0,159	FALSE
0,041	0,315	0,001	0,009	0,050	FALSE
0,117	0,305	0,003	0,008	0,154	FALSE
0,008	0,323	0,000	0,008	0,011	FALSE
0,029	0,309	0,000	0,013	0,007	FALSE
-0,021	0,319	-0,001	0,013	0,036	FALSE
0,031	0,317	0,001	0,013	0,031	FALSE
0,016	0,312	0,001	0,007	0,027	FALSE
-0,043	0,309	0,000	0,010	0,016	FALSE
-0,044	0,313	-0,002	0,011	0,068	FALSE
-0,041	0,308	-0,001	0,009	0,039	FALSE
-0,141	0,300	-0,003	0,006	0,187	FALSE
0,068	0,316	0,002	0,009	0,087	FALSE
0,066	0,314	0,003	0,012	0,096	FALSE
0,029	0,318	0,000	0,008	0,013	FALSE
0,038	0,314	0,002	0,011	0,052	FALSE

0,188	0,280	0,006	0,010	0,285	FALSE
-0,009	0,309	-0,001	0,012	0,039	FALSE
-0,009	0,309	0,000	0,007	0,006	FALSE
-0,058	0,291	-0,002	0,013	0,068	FALSE
0,072	0,305	0,002	0,008	0,082	FALSE
-0,023	0,300	0,000	0,009	0,012	FALSE
0,003	0,300	0,001	0,012	0,014	FALSE
-0,076	0,313	-0,003	0,010	0,105	FALSE
-0,178	0,301	-0,004	0,007	0,264	FALSE
0,145	0,305	0,003	0,007	0,176	FALSE
-0,089	0,309	-0,002	0,007	0,119	FALSE
-0,086	0,306	-0,003	0,012	0,081	FALSE
-0,148	0,312	-0,006	0,013	0,185	FALSE
0,103	0,313	0,005	0,013	0,138	FALSE
0,109	0,310	0,003	0,007	0,182	FALSE
-0,058	0,307	-0,002	0,010	0,091	FALSE
-0,028	0,303	-0,002	0,012	0,045	FALSE
0,027	0,305	0,002	0,011	0,076	FALSE
0,056	0,313	0,002	0,012	0,077	FALSE
0,046	0,301	0,002	0,012	0,061	FALSE
0,075	0,299	0,002	0,012	0,068	FALSE
0,135	0,300	0,004	0,011	0,157	FALSE
0,152	0,291	0,003	0,006	0,241	FALSE
0,117	0,292	0,005	0,012	0,173	FALSE
-0,051	0,311	-0,001	0,007	0,058	FALSE
0,077	0,297	0,003	0,009	0,117	FALSE
0,079	0,295	0,002	0,008	0,108	FALSE
-0,135	0,304	-0,005	0,012	0,162	FALSE
-0,048	0,316	-0,002	0,011	0,064	FALSE
-0,097	0,314	-0,004	0,013	0,119	FALSE
-0,023	0,312	-0,001	0,013	0,025	FALSE
0,097	0,308	0,003	0,009	0,128	FALSE
-0,042	0,301	0,000	0,008	0,016	FALSE
0,084	0,312	0,002	0,009	0,090	FALSE
-0,023	0,315	-0,001	0,009	0,034	FALSE
-0,092	0,301	-0,003	0,010	0,129	FALSE
0,040	0,312	0,001	0,013	0,038	FALSE
-0,190	0,309	-0,006	0,010	0,267	FALSE
0,010	0,307	0,001	0,011	0,035	FALSE
-0,057	0,305	-0,002	0,012	0,077	FALSE
-0,107	0,285	-0,003	0,010	0,104	FALSE
-0,002	0,300	0,000	0,013	0,010	FALSE
-0,102	0,302	-0,002	0,006	0,150	FALSE
-0,071	0,299	-0,002	0,010	0,079	FALSE
-0,001	0,303	-0,001	0,011	0,017	FALSE
0,030	0,306	0,001	0,012	0,026	FALSE
-0,008	0,315	0,000	0,009	0,011	FALSE
-0,027	0,308	-0,001	0,011	0,031	FALSE
-0,039	0,304	-0,001	0,012	0,042	FALSE
0,002	0,316	0,000	0,007	0,006	FALSE
0,058	0,325	0,002	0,007	0,085	FALSE
-0,027	0,303	-0,002	0,011	0,055	FALSE
0,011	0,286	0,000	0,009	0,011	FALSE

-0,045	0,312	-0,001	0,008	0,060	FALSE
-0,070	0,316	-0,002	0,009	0,094	FALSE
0,014	0,304	0,000	0,006	0,013	FALSE
0,023	0,309	0,000	0,007	0,022	FALSE
0,022	0,303	0,001	0,007	0,027	FALSE
0,052	0,310	0,001	0,007	0,072	FALSE
0,090	0,306	0,002	0,007	0,118	FALSE
0,054	0,299	0,001	0,007	0,079	FALSE
-0,019	0,301	0,000	0,009	0,013	FALSE
0,004	0,314	0,000	0,009	0,010	FALSE
0,110	0,304	0,005	0,013	0,148	FALSE
0,141	0,299	0,005	0,011	0,182	FALSE
0,112	0,310	0,004	0,009	0,158	FALSE
-0,158	0,303	-0,003	0,007	0,206	FALSE
-0,194	0,296	-0,005	0,008	0,278	FALSE
0,181	0,279	0,006	0,010	0,276	FALSE
0,164	0,297	0,004	0,006	0,240	FALSE
0,161	0,310	0,007	0,012	0,227	FALSE
0,181	0,319	0,007	0,013	0,237	FALSE
0,047	0,322	0,001	0,011	0,043	FALSE
-0,113	0,316	-0,005	0,013	0,147	FALSE
0,057	0,296	0,003	0,011	0,087	FALSE
-0,049	0,312	-0,002	0,010	0,079	FALSE
-0,135	0,299	-0,006	0,012	0,216	FALSE
0,131	0,302	0,005	0,013	0,174	FALSE
0,173	0,295	0,005	0,009	0,258	FALSE
0,013	0,298	0,000	0,010	0,001	FALSE
0,044	0,315	0,001	0,009	0,032	FALSE
-0,160	0,303	-0,006	0,011	0,235	FALSE
-0,021	0,325	0,000	0,007	0,002	FALSE
-0,072	0,301	-0,002	0,007	0,089	FALSE
0,048	0,312	0,001	0,009	0,028	FALSE
0,068	0,307	0,003	0,011	0,091	FALSE
0,040	0,307	0,001	0,008	0,044	FALSE
-0,056	0,298	-0,001	0,006	0,074	FALSE
0,060	0,301	0,002	0,006	0,092	FALSE
0,048	0,311	0,002	0,011	0,062	FALSE
-0,014	0,301	-0,001	0,010	0,036	FALSE
0,028	0,317	0,001	0,011	0,038	FALSE
-0,107	0,299	-0,002	0,007	0,150	FALSE
-0,070	0,308	-0,001	0,008	0,071	FALSE
-0,060	0,305	-0,001	0,006	0,063	FALSE
0,022	0,298	0,000	0,007	0,016	FALSE
-0,146	0,296	-0,006	0,012	0,208	FALSE
-0,124	0,310	-0,003	0,007	0,164	FALSE
-0,037	0,301	-0,001	0,008	0,042	FALSE
-0,018	0,305	-0,001	0,006	0,028	FALSE
-0,053	0,305	-0,001	0,009	0,059	FALSE
-0,031	0,307	-0,001	0,009	0,030	FALSE
0,018	0,308	0,000	0,013	0,000	FALSE
0,057	0,302	0,003	0,011	0,100	FALSE
-0,016	0,305	0,000	0,007	0,005	FALSE
-0,041	0,306	-0,001	0,008	0,036	FALSE

0,014	0,308	0,001	0,007	0,037	FALSE
-0,093	0,300	-0,003	0,008	0,147	FALSE
0,038	0,312	0,002	0,011	0,054	FALSE
0,023	0,300	0,001	0,011	0,025	FALSE
-0,060	0,312	-0,001	0,008	0,056	FALSE
0,000	0,305	0,000	0,009	0,006	FALSE
-0,035	0,315	-0,001	0,013	0,034	FALSE
0,106	0,298	0,003	0,008	0,141	FALSE
0,120	0,299	0,003	0,007	0,170	FALSE
0,143	0,306	0,003	0,006	0,194	FALSE
-0,030	0,307	0,000	0,007	0,020	FALSE
0,036	0,303	0,001	0,010	0,019	FALSE
-0,038	0,313	-0,002	0,012	0,068	FALSE
0,134	0,299	0,006	0,012	0,214	FALSE
-0,023	0,300	-0,001	0,008	0,034	FALSE
-0,057	0,294	-0,002	0,009	0,076	FALSE
0,058	0,315	0,001	0,007	0,067	FALSE
0,083	0,307	0,003	0,011	0,111	FALSE
0,069	0,324	0,003	0,013	0,097	FALSE
-0,068	0,308	-0,003	0,011	0,094	FALSE
0,035	0,295	0,002	0,012	0,051	FALSE
-0,041	0,304	-0,002	0,012	0,056	FALSE
-0,135	0,300	-0,003	0,007	0,193	FALSE
-0,148	0,293	-0,003	0,006	0,197	FALSE
-0,108	0,303	-0,003	0,009	0,137	FALSE
-0,029	0,296	-0,001	0,010	0,053	FALSE
-0,078	0,293	-0,003	0,011	0,110	FALSE
-0,065	0,302	-0,001	0,006	0,066	FALSE
-0,061	0,308	-0,001	0,006	0,053	FALSE
-0,048	0,297	-0,001	0,012	0,032	FALSE
0,151	0,296	0,005	0,009	0,231	FALSE
-0,172	0,298	-0,006	0,012	0,239	FALSE
-0,094	0,296	-0,003	0,009	0,127	FALSE
-0,067	0,312	-0,001	0,007	0,071	FALSE
-0,036	0,303	-0,002	0,009	0,088	FALSE
-0,043	0,308	-0,001	0,006	0,054	FALSE
0,014	0,316	0,000	0,010	0,009	FALSE
-0,082	0,306	-0,001	0,007	0,074	FALSE
-0,080	0,320	-0,002	0,010	0,093	FALSE
-0,032	0,307	-0,001	0,007	0,060	FALSE
-0,018	0,310	-0,001	0,007	0,047	FALSE
-0,042	0,292	-0,001	0,008	0,044	FALSE
-0,018	0,315	0,000	0,012	0,012	FALSE
0,184	0,306	0,004	0,007	0,234	FALSE
0,201	0,295	0,004	0,007	0,265	FALSE
-0,175	0,314	-0,005	0,009	0,240	FALSE
0,045	0,311	0,002	0,012	0,066	FALSE
0,026	0,294	0,003	0,010	0,104	FALSE
-0,112	0,304	-0,005	0,011	0,183	FALSE
0,006	0,306	0,000	0,013	0,010	FALSE
-0,011	0,289	0,000	0,006	0,015	FALSE
-0,069	0,307	-0,002	0,011	0,077	FALSE
0,054	0,321	0,001	0,013	0,030	FALSE

-0,087	0,297	-0,002	0,006	0,102	FALSE
-0,031	0,302	-0,002	0,010	0,064	FALSE
-0,034	0,311	-0,001	0,008	0,037	FALSE
-0,049	0,285	-0,002	0,009	0,065	FALSE
-0,090	0,316	-0,002	0,009	0,103	FALSE
0,173	0,309	0,004	0,008	0,235	FALSE
0,066	0,311	0,001	0,007	0,081	FALSE
0,059	0,297	0,001	0,006	0,065	FALSE
0,067	0,295	0,003	0,011	0,086	FALSE
0,176	0,306	0,005	0,009	0,242	FALSE
-0,011	0,305	0,000	0,008	0,009	FALSE
-0,091	0,306	-0,004	0,012	0,119	FALSE
-0,018	0,324	0,000	0,007	0,005	FALSE
0,085	0,310	0,004	0,013	0,118	FALSE
0,100	0,307	0,004	0,009	0,157	FALSE
0,099	0,292	0,003	0,009	0,159	FALSE
0,013	0,320	0,001	0,007	0,026	FALSE
-0,073	0,310	-0,003	0,011	0,116	FALSE
0,115	0,306	0,005	0,011	0,171	FALSE
-0,055	0,307	-0,002	0,012	0,054	FALSE
-0,024	0,308	0,000	0,011	0,013	FALSE
-0,016	0,311	0,000	0,012	0,002	FALSE
-0,063	0,303	-0,002	0,010	0,064	FALSE
-0,108	0,299	-0,003	0,010	0,127	FALSE
0,060	0,304	0,003	0,010	0,116	FALSE
0,021	0,311	0,000	0,007	0,022	FALSE
0,031	0,287	0,001	0,007	0,064	FALSE
-0,019	0,309	-0,001	0,012	0,036	FALSE
0,069	0,311	0,003	0,012	0,082	FALSE
0,011	0,311	0,000	0,008	0,004	FALSE
0,080	0,320	0,002	0,008	0,121	FALSE
0,059	0,319	0,003	0,013	0,100	FALSE
-0,014	0,301	0,000	0,006	0,014	FALSE
0,002	0,309	0,000	0,011	0,005	FALSE
-0,079	0,303	-0,002	0,008	0,087	FALSE
-0,003	0,299	0,000	0,007	0,004	FALSE
0,103	0,313	0,003	0,009	0,135	FALSE
-0,106	0,318	-0,003	0,009	0,110	FALSE
-0,008	0,324	0,000	0,011	0,003	FALSE
-0,033	0,304	-0,002	0,012	0,050	FALSE
0,037	0,309	0,001	0,013	0,036	FALSE
-0,005	0,297	0,000	0,010	0,003	FALSE
0,007	0,313	0,000	0,006	0,002	FALSE
0,012	0,311	0,000	0,006	0,008	FALSE
0,001	0,316	0,000	0,008	0,009	FALSE
0,031	0,310	0,001	0,008	0,066	FALSE
0,021	0,315	0,001	0,009	0,057	FALSE
0,018	0,314	0,001	0,008	0,042	FALSE
0,058	0,312	0,002	0,008	0,098	FALSE
0,026	0,320	0,001	0,008	0,044	FALSE
0,028	0,310	0,001	0,008	0,070	FALSE
0,052	0,308	0,002	0,010	0,061	FALSE
-0,001	0,300	0,001	0,012	0,018	FALSE

-0,008	0,310	0,000	0,012	0,006	FALSE
0,149	0,308	0,004	0,007	0,232	FALSE
0,056	0,311	0,001	0,007	0,076	FALSE
-0,253	0,275	-0,007	0,009	0,396	FALSE
0,124	0,302	0,003	0,006	0,176	FALSE
0,126	0,298	0,005	0,011	0,180	FALSE
-0,064	0,311	-0,001	0,007	0,063	FALSE
0,027	0,316	0,000	0,013	0,001	FALSE
0,111	0,293	0,002	0,008	0,122	FALSE
0,056	0,303	0,001	0,007	0,046	FALSE
-0,076	0,308	-0,004	0,012	0,125	FALSE
0,002	0,303	0,000	0,009	0,007	FALSE
0,016	0,314	0,001	0,011	0,045	FALSE
0,041	0,306	0,001	0,010	0,046	FALSE
-0,005	0,315	0,000	0,007	0,003	FALSE
-0,027	0,300	-0,001	0,011	0,045	FALSE
0,059	0,305	0,001	0,006	0,076	FALSE
0,016	0,312	0,001	0,008	0,030	FALSE
0,058	0,286	0,002	0,011	0,083	FALSE
0,156	0,306	0,005	0,010	0,199	FALSE
0,012	0,297	0,001	0,010	0,020	FALSE
0,055	0,302	0,001	0,008	0,063	FALSE
-0,005	0,281	0,001	0,011	0,019	FALSE
-0,025	0,317	-0,001	0,008	0,036	FALSE
-0,081	0,292	-0,003	0,010	0,099	FALSE
-0,035	0,311	-0,001	0,012	0,029	FALSE
0,045	0,312	0,001	0,009	0,059	FALSE
-0,023	0,305	-0,001	0,009	0,023	FALSE
-0,010	0,316	0,000	0,006	0,022	FALSE
0,011	0,301	0,001	0,006	0,039	FALSE
-0,038	0,314	0,000	0,012	0,007	FALSE
0,060	0,318	0,002	0,013	0,058	FALSE
-0,103	0,312	-0,004	0,011	0,141	FALSE
-0,011	0,308	0,000	0,013	0,000	FALSE
0,088	0,309	0,004	0,013	0,121	FALSE
0,093	0,302	0,003	0,012	0,104	FALSE
-0,049	0,317	-0,002	0,012	0,064	FALSE
0,036	0,303	0,002	0,011	0,062	FALSE
0,016	0,320	0,001	0,012	0,045	FALSE
-0,029	0,292	0,000	0,007	0,013	FALSE
0,206	0,296	0,005	0,007	0,278	FALSE
-0,144	0,306	-0,003	0,007	0,193	FALSE
0,089	0,305	0,002	0,009	0,102	FALSE
0,125	0,310	0,006	0,012	0,211	FALSE
0,014	0,317	0,001	0,008	0,030	FALSE
0,053	0,305	0,002	0,009	0,066	FALSE
-0,029	0,300	-0,001	0,009	0,044	FALSE
0,108	0,307	0,004	0,009	0,154	FALSE
-0,126	0,307	-0,004	0,009	0,149	FALSE
-0,038	0,303	-0,002	0,011	0,064	FALSE
0,172	0,300	0,005	0,009	0,224	FALSE
-0,052	0,310	-0,001	0,007	0,061	FALSE
-0,021	0,318	0,000	0,013	0,012	FALSE

-0,016	0,301	0,000	0,011	0,014	FALSE
0,231	0,291	0,010	0,011	0,429	FALSE
0,012	0,301	0,000	0,011	0,006	FALSE
-0,090	0,319	-0,003	0,013	0,095	FALSE
-0,165	0,300	-0,003	0,006	0,197	FALSE
-0,035	0,327	-0,001	0,011	0,026	FALSE
-0,046	0,314	-0,001	0,010	0,045	FALSE
-0,038	0,313	-0,002	0,012	0,063	FALSE
0,058	0,313	0,003	0,013	0,083	FALSE
0,171	0,299	0,003	0,007	0,209	FALSE
-0,037	0,297	-0,001	0,009	0,041	FALSE
-0,011	0,298	-0,001	0,010	0,036	FALSE
-0,003	0,320	0,000	0,011	0,009	FALSE
0,106	0,323	0,003	0,009	0,139	FALSE
-0,038	0,319	-0,001	0,011	0,051	FALSE
0,006	0,310	0,000	0,013	0,010	FALSE
-0,103	0,318	-0,004	0,013	0,127	FALSE
-0,143	0,316	-0,003	0,007	0,177	FALSE
-0,091	0,298	-0,002	0,007	0,125	FALSE
-0,095	0,304	-0,002	0,007	0,131	FALSE
-0,163	0,311	-0,007	0,013	0,244	FALSE
-0,014	0,323	0,000	0,007	0,018	FALSE
-0,047	0,304	-0,002	0,008	0,070	FALSE
-0,082	0,327	-0,002	0,008	0,108	FALSE
0,042	0,292	0,001	0,008	0,024	FALSE
-0,157	0,313	-0,005	0,012	0,183	FALSE
-0,148	0,301	-0,004	0,010	0,186	FALSE
-0,042	0,310	0,000	0,007	0,016	FALSE
-0,031	0,323	-0,001	0,007	0,028	FALSE
0,015	0,314	0,001	0,009	0,021	FALSE
0,062	0,301	0,002	0,012	0,052	FALSE
0,105	0,297	0,004	0,011	0,128	FALSE
-0,020	0,295	-0,001	0,010	0,032	FALSE
-0,067	0,301	-0,002	0,010	0,074	FALSE
-0,094	0,319	-0,003	0,010	0,111	FALSE
-0,070	0,302	-0,002	0,009	0,081	FALSE
-0,074	0,312	-0,002	0,009	0,082	FALSE
0,020	0,312	0,000	0,009	0,004	FALSE
0,004	0,311	0,000	0,012	0,011	FALSE
-0,001	0,308	0,000	0,006	0,008	FALSE
-0,003	0,302	0,000	0,007	0,012	FALSE
0,055	0,310	0,001	0,008	0,058	FALSE
-0,057	0,310	-0,002	0,013	0,056	FALSE
0,010	0,308	0,000	0,009	0,019	FALSE
0,006	0,307	0,000	0,010	0,009	FALSE
0,032	0,310	0,001	0,013	0,036	FALSE
-0,117	0,301	-0,003	0,007	0,167	FALSE
-0,028	0,306	-0,001	0,011	0,039	FALSE
0,105	0,304	0,003	0,010	0,126	FALSE
0,143	0,300	0,004	0,008	0,206	FALSE
-0,014	0,321	0,000	0,008	0,020	FALSE
0,028	0,318	0,001	0,013	0,037	FALSE
0,048	0,307	0,002	0,010	0,065	FALSE

-0,025	0,311	0,000	0,011	0,013	FALSE
0,064	0,310	0,002	0,012	0,064	FALSE
-0,022	0,317	0,000	0,007	0,019	FALSE
-0,007	0,309	0,000	0,007	0,000	FALSE
0,081	0,324	0,002	0,008	0,095	FALSE
0,092	0,305	0,002	0,006	0,107	FALSE
-0,074	0,308	-0,002	0,008	0,092	FALSE
-0,053	0,314	-0,002	0,008	0,080	FALSE
0,055	0,308	0,001	0,006	0,053	FALSE
-0,059	0,312	-0,001	0,008	0,046	FALSE
-0,080	0,299	-0,002	0,008	0,070	FALSE
-0,043	0,306	-0,001	0,007	0,062	FALSE
0,035	0,315	0,002	0,013	0,046	FALSE
0,028	0,299	0,002	0,012	0,052	FALSE
-0,031	0,308	-0,001	0,011	0,042	FALSE
-0,004	0,312	0,000	0,008	0,015	FALSE
0,047	0,313	0,001	0,007	0,075	FALSE
0,067	0,311	0,002	0,007	0,112	FALSE
-0,108	0,308	-0,004	0,011	0,133	FALSE
-0,148	0,307	-0,006	0,012	0,195	FALSE
-0,083	0,312	-0,003	0,012	0,092	FALSE
0,090	0,304	0,005	0,011	0,182	FALSE
0,142	0,298	0,005	0,011	0,207	FALSE
0,026	0,316	0,000	0,008	0,023	FALSE
0,110	0,298	0,005	0,012	0,163	FALSE
0,135	0,300	0,006	0,012	0,197	FALSE
0,115	0,299	0,005	0,012	0,158	FALSE
0,003	0,313	0,000	0,009	0,004	FALSE
-0,048	0,316	-0,001	0,008	0,065	FALSE
0,143	0,282	0,004	0,008	0,205	FALSE
-0,033	0,293	-0,001	0,009	0,056	FALSE
-0,018	0,313	0,000	0,007	0,007	FALSE
0,083	0,300	0,002	0,007	0,084	FALSE
-0,022	0,315	0,000	0,008	0,022	FALSE
-0,041	0,312	-0,001	0,007	0,045	FALSE
0,036	0,303	0,002	0,013	0,045	FALSE
-0,014	0,325	0,000	0,011	0,014	FALSE
0,023	0,302	0,000	0,007	0,020	FALSE
-0,015	0,311	0,000	0,010	0,000	FALSE
-0,049	0,313	-0,001	0,010	0,046	FALSE
0,140	0,301	0,006	0,012	0,213	FALSE
0,135	0,307	0,005	0,013	0,178	FALSE
-0,003	0,313	-0,001	0,012	0,023	FALSE
0,042	0,297	0,001	0,010	0,023	FALSE
0,052	0,298	0,002	0,006	0,104	FALSE
-0,077	0,323	-0,002	0,007	0,101	FALSE
-0,097	0,304	-0,003	0,010	0,143	FALSE
-0,083	0,313	-0,003	0,011	0,129	FALSE
-0,072	0,315	-0,002	0,007	0,086	FALSE
-0,025	0,326	-0,001	0,008	0,026	FALSE
0,087	0,310	0,002	0,007	0,107	FALSE
0,027	0,306	0,001	0,009	0,022	FALSE
0,043	0,310	0,001	0,011	0,048	FALSE

0,006	0,301	-0,001	0,011	0,017	FALSE
0,115	0,316	0,004	0,010	0,137	FALSE
-0,071	0,300	-0,002	0,009	0,100	FALSE
-0,066	0,292	-0,003	0,012	0,101	FALSE
-0,058	0,300	-0,003	0,012	0,090	FALSE
-0,005	0,287	0,000	0,010	0,011	FALSE
0,018	0,301	0,001	0,010	0,025	FALSE
-0,011	0,290	0,000	0,011	0,001	FALSE
-0,073	0,304	-0,002	0,007	0,126	FALSE
0,012	0,293	0,001	0,006	0,031	FALSE
0,146	0,302	0,004	0,008	0,205	FALSE
0,065	0,308	0,001	0,007	0,067	FALSE
-0,083	0,317	-0,002	0,007	0,107	FALSE
-0,047	0,312	-0,001	0,013	0,038	FALSE
-0,020	0,301	0,000	0,009	0,008	FALSE
0,100	0,292	0,003	0,008	0,152	FALSE
-0,138	0,301	-0,003	0,007	0,195	FALSE
-0,105	0,320	-0,003	0,008	0,145	FALSE
0,036	0,314	0,001	0,009	0,022	FALSE
-0,129	0,310	-0,004	0,008	0,197	FALSE
-0,127	0,295	-0,003	0,008	0,174	FALSE
0,052	0,303	0,002	0,008	0,085	FALSE
-0,059	0,324	-0,003	0,014	0,080	FALSE
0,045	0,315	0,001	0,008	0,056	FALSE
0,027	0,307	0,001	0,009	0,036	FALSE
0,042	0,320	0,001	0,007	0,046	FALSE
0,027	0,301	0,001	0,009	0,047	FALSE
0,043	0,290	0,001	0,009	0,060	FALSE
-0,030	0,308	-0,001	0,010	0,034	FALSE
0,079	0,294	0,003	0,012	0,079	FALSE
-0,081	0,293	-0,003	0,012	0,104	FALSE
0,095	0,309	0,002	0,010	0,095	FALSE
0,061	0,303	0,001	0,010	0,045	FALSE
0,011	0,315	0,000	0,008	0,017	FALSE
0,051	0,302	0,001	0,010	0,036	FALSE
0,039	0,305	0,001	0,008	0,052	FALSE
-0,006	0,311	-0,001	0,012	0,032	FALSE
0,009	0,312	0,001	0,006	0,057	FALSE
-0,139	0,316	-0,005	0,012	0,195	FALSE
-0,096	0,313	-0,003	0,011	0,121	FALSE
-0,070	0,312	-0,002	0,012	0,062	FALSE
0,105	0,308	0,004	0,013	0,116	FALSE
-0,062	0,304	-0,002	0,008	0,074	FALSE
-0,101	0,311	-0,004	0,013	0,137	FALSE
-0,075	0,306	-0,002	0,008	0,113	FALSE
-0,003	0,303	0,000	0,010	0,008	FALSE
-0,013	0,310	0,000	0,010	0,010	FALSE
-0,001	0,313	0,000	0,009	0,008	FALSE
0,077	0,317	0,003	0,013	0,097	FALSE
-0,085	0,311	-0,003	0,013	0,107	FALSE
-0,067	0,321	-0,002	0,008	0,081	FALSE
0,036	0,311	0,001	0,010	0,028	FALSE
-0,104	0,292	-0,004	0,010	0,148	FALSE

-0,081	0,310	-0,003	0,010	0,121	FALSE
-0,046	0,298	-0,001	0,009	0,053	FALSE
0,059	0,322	0,002	0,009	0,066	FALSE
0,067	0,318	0,002	0,009	0,092	FALSE
0,038	0,310	0,001	0,007	0,057	FALSE
-0,055	0,298	-0,002	0,008	0,093	FALSE
-0,097	0,306	-0,003	0,009	0,128	FALSE
-0,216	0,295	-0,007	0,010	0,324	FALSE
0,025	0,298	0,001	0,006	0,039	FALSE
0,007	0,304	0,000	0,010	0,003	FALSE
0,019	0,319	0,001	0,007	0,034	FALSE
-0,039	0,316	-0,001	0,010	0,040	FALSE
-0,009	0,318	0,000	0,007	0,008	FALSE
0,013	0,315	0,001	0,010	0,047	FALSE
0,202	0,292	0,006	0,008	0,337	FALSE
-0,028	0,313	-0,001	0,008	0,025	FALSE
-0,095	0,300	-0,003	0,010	0,119	FALSE
-0,030	0,310	-0,001	0,007	0,029	FALSE
-0,020	0,302	0,000	0,011	0,014	FALSE
-0,056	0,313	-0,001	0,006	0,072	FALSE
-0,088	0,306	-0,003	0,012	0,077	FALSE
0,061	0,304	0,002	0,008	0,074	FALSE
-0,101	0,292	-0,002	0,009	0,093	FALSE
0,098	0,299	0,004	0,012	0,123	FALSE
-0,122	0,297	-0,005	0,011	0,174	FALSE
0,037	0,309	0,001	0,008	0,053	FALSE
0,083	0,309	0,002	0,007	0,091	FALSE
-0,222	0,307	-0,009	0,012	0,341	FALSE
-0,202	0,295	-0,008	0,011	0,326	FALSE
0,061	0,307	0,002	0,007	0,081	FALSE
-0,066	0,318	-0,003	0,013	0,084	FALSE
-0,019	0,313	-0,001	0,007	0,027	FALSE
0,037	0,294	0,001	0,010	0,035	FALSE
0,017	0,288	0,001	0,010	0,029	FALSE
0,134	0,310	0,005	0,011	0,164	FALSE
0,103	0,304	0,003	0,011	0,120	FALSE
-0,097	0,312	-0,004	0,012	0,134	FALSE
-0,021	0,303	0,000	0,008	0,018	FALSE
-0,015	0,313	0,000	0,009	0,015	FALSE
0,008	0,293	0,000	0,009	0,007	FALSE
0,076	0,303	0,002	0,008	0,094	FALSE
-0,116	0,307	-0,003	0,008	0,116	FALSE
0,007	0,305	-0,001	0,012	0,017	FALSE
0,078	0,302	0,002	0,010	0,069	FALSE
-0,052	0,302	-0,002	0,008	0,087	FALSE
0,032	0,305	0,001	0,012	0,024	FALSE
0,033	0,315	0,001	0,010	0,038	FALSE
-0,087	0,301	-0,003	0,010	0,099	FALSE
-0,094	0,302	-0,003	0,010	0,123	FALSE
-0,106	0,306	-0,003	0,011	0,124	FALSE
-0,049	0,312	-0,001	0,008	0,053	FALSE
-0,086	0,304	-0,003	0,008	0,149	FALSE
-0,089	0,312	-0,003	0,008	0,150	FALSE

0,004	0,308	0,000	0,007	0,005	FALSE
0,122	0,309	0,004	0,010	0,134	FALSE
0,000	0,305	0,000	0,010	0,010	FALSE
-0,001	0,308	-0,001	0,012	0,017	FALSE
0,090	0,293	0,002	0,008	0,115	FALSE
-0,081	0,320	-0,003	0,011	0,099	FALSE
0,049	0,298	0,002	0,010	0,068	FALSE
-0,055	0,302	-0,002	0,013	0,064	FALSE
0,078	0,299	0,003	0,009	0,133	FALSE
0,018	0,310	0,001	0,007	0,040	FALSE
-0,112	0,311	-0,003	0,007	0,143	FALSE
-0,137	0,303	-0,005	0,010	0,192	FALSE
0,148	0,307	0,004	0,009	0,191	FALSE
-0,076	0,287	-0,002	0,007	0,127	FALSE
-0,017	0,310	-0,001	0,013	0,028	FALSE
-0,044	0,305	-0,002	0,012	0,057	FALSE
0,007	0,300	0,001	0,007	0,029	FALSE
0,041	0,293	0,002	0,011	0,064	FALSE
-0,059	0,315	-0,002	0,008	0,067	FALSE
-0,014	0,299	-0,001	0,010	0,048	FALSE
-0,025	0,318	0,000	0,007	0,005	FALSE
-0,065	0,303	-0,004	0,013	0,116	FALSE
0,008	0,299	0,000	0,009	0,016	FALSE
0,017	0,306	0,000	0,006	0,017	FALSE
0,050	0,320	0,001	0,008	0,055	FALSE
-0,167	0,296	-0,004	0,006	0,255	FALSE
0,026	0,297	0,000	0,006	0,006	FALSE
0,085	0,302	0,002	0,007	0,130	FALSE
0,000	0,303	0,000	0,009	0,005	FALSE
0,057	0,293	0,002	0,008	0,094	FALSE
-0,080	0,296	-0,003	0,009	0,128	FALSE
0,024	0,304	0,001	0,007	0,051	FALSE
-0,030	0,287	-0,001	0,010	0,055	FALSE
-0,033	0,301	-0,001	0,007	0,064	FALSE
0,035	0,297	0,001	0,008	0,053	FALSE
0,009	0,314	0,001	0,013	0,029	FALSE
-0,083	0,314	-0,002	0,007	0,121	FALSE
0,047	0,306	0,001	0,007	0,061	FALSE
0,024	0,304	0,000	0,007	0,009	FALSE
-0,020	0,294	0,000	0,007	0,002	FALSE
-0,061	0,313	-0,003	0,014	0,087	FALSE
-0,130	0,305	-0,004	0,009	0,169	FALSE
0,113	0,297	0,003	0,007	0,156	FALSE
-0,082	0,310	-0,003	0,009	0,123	FALSE
0,021	0,315	0,000	0,009	0,014	FALSE
0,097	0,300	0,002	0,006	0,106	FALSE
0,029	0,305	0,001	0,010	0,035	FALSE
-0,040	0,300	-0,002	0,010	0,069	FALSE
0,035	0,310	0,001	0,009	0,057	FALSE
0,066	0,316	0,003	0,010	0,104	FALSE
-0,025	0,301	0,000	0,008	0,019	FALSE
-0,110	0,308	-0,004	0,012	0,123	FALSE
0,006	0,313	0,001	0,012	0,019	FALSE

-0,095	0,313	-0,003	0,011	0,113	FALSE
0,029	0,308	0,002	0,013	0,054	FALSE
0,072	0,309	0,003	0,013	0,095	FALSE
0,046	0,310	0,003	0,013	0,086	FALSE
-0,129	0,317	-0,003	0,008	0,183	FALSE
0,049	0,307	0,002	0,011	0,056	FALSE
0,043	0,296	0,002	0,012	0,060	FALSE
-0,074	0,311	-0,002	0,007	0,101	FALSE
0,097	0,309	0,003	0,008	0,163	FALSE
-0,173	0,303	-0,006	0,011	0,235	FALSE
-0,054	0,303	-0,001	0,006	0,064	FALSE
-0,107	0,292	-0,004	0,008	0,179	FALSE
-0,059	0,289	-0,003	0,012	0,085	FALSE
0,027	0,302	0,001	0,008	0,029	FALSE
0,153	0,310	0,006	0,012	0,209	FALSE
0,083	0,303	0,001	0,007	0,074	FALSE
-0,023	0,307	-0,001	0,007	0,048	FALSE
-0,017	0,308	-0,001	0,006	0,038	FALSE
0,210	0,316	0,005	0,008	0,295	FALSE
-0,055	0,298	-0,001	0,007	0,076	FALSE
-0,045	0,301	-0,002	0,009	0,071	FALSE
-0,110	0,304	-0,003	0,008	0,152	FALSE
-0,069	0,304	-0,001	0,010	0,054	FALSE
-0,060	0,299	-0,002	0,010	0,057	FALSE
-0,054	0,310	-0,002	0,009	0,103	FALSE
-0,025	0,301	0,000	0,010	0,007	FALSE
-0,050	0,300	-0,001	0,010	0,030	FALSE
-0,058	0,310	-0,001	0,007	0,070	FALSE
-0,013	0,305	0,000	0,010	0,008	FALSE
0,020	0,302	0,001	0,012	0,019	FALSE
0,054	0,293	0,002	0,012	0,055	FALSE
-0,002	0,325	0,000	0,008	0,010	FALSE
0,081	0,294	0,002	0,008	0,087	FALSE
0,031	0,299	0,001	0,010	0,055	FALSE
-0,065	0,317	-0,003	0,012	0,090	FALSE
-0,009	0,320	0,000	0,007	0,006	FALSE
0,086	0,297	0,002	0,008	0,114	FALSE
-0,081	0,303	-0,003	0,013	0,074	FALSE
-0,083	0,298	-0,002	0,012	0,070	FALSE
0,022	0,301	0,000	0,007	0,017	FALSE
0,110	0,304	0,003	0,008	0,168	FALSE
0,091	0,317	0,003	0,009	0,123	FALSE
-0,035	0,294	-0,001	0,006	0,072	FALSE
0,086	0,315	0,002	0,007	0,100	FALSE
0,092	0,319	0,003	0,013	0,085	FALSE
0,036	0,312	0,001	0,007	0,046	FALSE
-0,140	0,299	-0,003	0,007	0,157	FALSE
0,054	0,311	0,001	0,007	0,051	FALSE
-0,134	0,304	-0,005	0,011	0,210	FALSE
0,034	0,295	0,000	0,006	0,025	FALSE
-0,027	0,308	0,000	0,009	0,009	FALSE
-0,019	0,306	-0,001	0,011	0,025	FALSE
-0,015	0,302	-0,001	0,008	0,041	FALSE

-0,092	0,290	-0,002	0,009	0,096	FALSE
0,056	0,316	0,001	0,006	0,070	FALSE
0,158	0,299	0,006	0,012	0,208	FALSE
0,153	0,310	0,006	0,012	0,191	FALSE
0,051	0,309	0,001	0,010	0,051	FALSE
0,073	0,309	0,001	0,007	0,049	FALSE
0,020	0,307	0,000	0,008	0,008	FALSE
0,016	0,299	-0,001	0,011	0,018	FALSE
0,062	0,307	0,001	0,007	0,038	FALSE
-0,091	0,305	-0,002	0,008	0,092	FALSE
0,023	0,308	0,000	0,007	0,006	FALSE
0,027	0,300	0,000	0,007	0,007	FALSE
0,085	0,319	0,002	0,008	0,104	FALSE
0,134	0,302	0,004	0,008	0,183	FALSE
-0,049	0,308	-0,001	0,007	0,076	FALSE
0,022	0,298	0,001	0,009	0,033	FALSE
0,021	0,296	0,001	0,012	0,037	FALSE
-0,007	0,318	0,000	0,011	0,007	FALSE
-0,054	0,306	-0,002	0,013	0,053	FALSE
0,052	0,309	0,003	0,012	0,079	FALSE
-0,055	0,301	-0,001	0,012	0,028	FALSE
-0,146	0,300	-0,004	0,008	0,223	FALSE
0,052	0,296	0,002	0,007	0,091	FALSE
0,057	0,289	0,001	0,006	0,089	FALSE
0,053	0,303	0,002	0,007	0,091	FALSE
0,026	0,297	0,002	0,012	0,047	FALSE
0,067	0,317	0,004	0,013	0,111	FALSE
0,075	0,310	0,002	0,008	0,093	FALSE
0,065	0,304	0,002	0,010	0,070	FALSE
0,029	0,301	0,001	0,011	0,031	FALSE
-0,220	0,303	-0,007	0,009	0,349	FALSE
0,027	0,313	0,002	0,009	0,059	FALSE
-0,060	0,298	-0,001	0,006	0,058	FALSE
0,135	0,301	0,003	0,007	0,203	FALSE
0,003	0,322	0,000	0,007	0,010	FALSE
-0,010	0,319	-0,001	0,013	0,017	FALSE
-0,147	0,319	-0,004	0,008	0,210	FALSE
0,083	0,308	0,002	0,006	0,103	FALSE
-0,023	0,314	0,000	0,008	0,006	FALSE
0,012	0,302	0,001	0,010	0,035	FALSE
-0,097	0,304	-0,002	0,008	0,122	FALSE
0,009	0,301	0,000	0,010	0,012	FALSE
0,132	0,305	0,004	0,010	0,179	FALSE
-0,009	0,293	0,000	0,006	0,025	FALSE
0,170	0,315	0,005	0,008	0,244	FALSE
0,061	0,300	0,002	0,008	0,094	FALSE
-0,083	0,301	-0,004	0,013	0,138	FALSE
-0,020	0,304	0,000	0,007	0,017	FALSE
0,014	0,304	0,000	0,006	0,011	FALSE
-0,027	0,309	-0,001	0,009	0,024	FALSE
-0,018	0,321	-0,001	0,008	0,030	FALSE
-0,004	0,302	0,000	0,012	0,001	FALSE
-0,011	0,303	-0,001	0,012	0,023	FALSE

-0,063	0,317	-0,002	0,011	0,075	FALSE
0,061	0,308	0,002	0,009	0,080	FALSE
-0,078	0,308	-0,002	0,009	0,072	FALSE
0,015	0,310	0,001	0,008	0,022	FALSE
-0,033	0,303	-0,001	0,008	0,033	FALSE
0,031	0,300	0,001	0,011	0,035	FALSE
0,012	0,306	0,001	0,010	0,023	FALSE
-0,102	0,316	-0,003	0,010	0,132	FALSE
-0,098	0,307	-0,003	0,009	0,121	FALSE
0,080	0,299	0,002	0,006	0,098	FALSE
0,035	0,306	0,002	0,009	0,073	FALSE
0,072	0,309	0,001	0,006	0,068	FALSE
0,064	0,296	0,001	0,007	0,057	FALSE
0,005	0,298	0,000	0,008	0,001	FALSE
0,004	0,295	0,000	0,009	0,000	FALSE
-0,012	0,310	0,000	0,013	0,009	FALSE
0,042	0,302	0,001	0,007	0,062	FALSE
-0,044	0,314	-0,001	0,008	0,037	FALSE
0,123	0,296	0,005	0,012	0,173	FALSE
0,012	0,299	-0,001	0,009	0,029	FALSE
-0,066	0,300	-0,002	0,012	0,054	FALSE
0,005	0,317	0,000	0,012	0,001	FALSE
-0,024	0,303	-0,001	0,012	0,034	FALSE
0,004	0,313	0,000	0,011	0,002	FALSE
0,042	0,306	0,001	0,013	0,040	FALSE
0,134	0,294	0,005	0,012	0,174	FALSE
-0,160	0,311	-0,006	0,013	0,212	FALSE
-0,098	0,309	-0,002	0,007	0,137	FALSE
0,098	0,298	0,003	0,013	0,102	FALSE
-0,082	0,297	-0,003	0,011	0,101	FALSE
-0,045	0,300	-0,001	0,006	0,076	FALSE
0,070	0,310	0,003	0,010	0,101	FALSE
0,057	0,309	0,002	0,011	0,078	FALSE
0,033	0,299	0,002	0,010	0,054	FALSE
0,042	0,296	0,000	0,010	0,015	FALSE
0,066	0,305	0,002	0,007	0,091	FALSE
0,012	0,319	0,000	0,010	0,007	FALSE
0,136	0,296	0,006	0,011	0,243	FALSE
-0,107	0,302	-0,004	0,011	0,139	FALSE
-0,082	0,307	-0,003	0,012	0,105	FALSE
0,136	0,308	0,003	0,008	0,155	FALSE
-0,016	0,309	-0,001	0,012	0,044	FALSE
-0,053	0,299	-0,001	0,006	0,077	FALSE
-0,062	0,303	-0,002	0,010	0,083	FALSE
-0,026	0,310	-0,001	0,008	0,027	FALSE
-0,107	0,314	-0,002	0,008	0,111	FALSE
0,012	0,313	0,000	0,010	0,006	FALSE
0,001	0,305	-0,001	0,008	0,022	FALSE
0,005	0,294	0,000	0,011	0,004	FALSE
0,054	0,304	0,002	0,013	0,056	FALSE
-0,144	0,308	-0,006	0,013	0,182	FALSE
0,025	0,319	0,001	0,012	0,019	FALSE
-0,088	0,314	-0,002	0,007	0,132	FALSE

-0,084	0,310	-0,002	0,010	0,083	FALSE
-0,093	0,307	-0,001	0,006	0,089	FALSE
0,050	0,314	0,002	0,009	0,074	FALSE
-0,074	0,306	-0,002	0,008	0,088	FALSE
-0,030	0,310	-0,001	0,013	0,019	FALSE
-0,064	0,302	-0,002	0,008	0,104	FALSE
0,068	0,297	0,002	0,007	0,116	FALSE
0,024	0,311	0,001	0,007	0,043	FALSE
-0,087	0,297	-0,004	0,010	0,138	FALSE
-0,040	0,311	-0,002	0,012	0,055	FALSE
-0,188	0,294	-0,005	0,008	0,289	FALSE
-0,121	0,298	-0,003	0,007	0,150	FALSE
-0,128	0,306	-0,005	0,012	0,167	FALSE
-0,141	0,300	-0,004	0,010	0,182	FALSE
0,149	0,297	0,006	0,013	0,193	FALSE
-0,092	0,309	-0,002	0,007	0,129	FALSE
0,158	0,300	0,006	0,013	0,210	FALSE
-0,079	0,313	-0,003	0,012	0,103	FALSE
-0,010	0,304	0,000	0,009	0,002	FALSE
0,167	0,301	0,007	0,013	0,245	FALSE
-0,124	0,309	-0,005	0,012	0,164	FALSE
-0,078	0,311	-0,002	0,008	0,090	FALSE
0,028	0,310	0,001	0,009	0,035	FALSE
0,110	0,300	0,002	0,006	0,143	FALSE
-0,054	0,310	-0,002	0,010	0,084	FALSE
-0,042	0,311	-0,001	0,010	0,053	FALSE
-0,131	0,295	-0,003	0,007	0,194	FALSE
0,020	0,311	0,002	0,012	0,048	FALSE
0,079	0,308	0,002	0,006	0,095	FALSE
0,082	0,315	0,002	0,009	0,102	FALSE
0,039	0,299	0,001	0,010	0,036	FALSE
-0,062	0,297	-0,003	0,010	0,102	FALSE
-0,002	0,298	0,001	0,012	0,041	FALSE
-0,141	0,311	-0,005	0,010	0,197	FALSE
-0,090	0,301	-0,002	0,009	0,106	FALSE
0,045	0,295	0,002	0,008	0,073	FALSE
0,057	0,313	0,001	0,007	0,076	FALSE
0,040	0,304	0,002	0,008	0,073	FALSE
0,062	0,308	0,001	0,008	0,052	FALSE
-0,063	0,304	-0,002	0,007	0,086	FALSE
-0,202	0,293	-0,006	0,008	0,327	FALSE
-0,044	0,307	-0,001	0,008	0,054	FALSE
0,002	0,307	-0,001	0,006	0,031	FALSE
0,032	0,319	0,001	0,007	0,057	FALSE
0,043	0,299	0,001	0,009	0,049	FALSE
0,040	0,305	0,000	0,007	0,022	FALSE
0,040	0,299	0,001	0,008	0,049	FALSE
0,080	0,298	0,002	0,008	0,102	FALSE
-0,010	0,308	0,000	0,008	0,001	FALSE
0,029	0,303	0,001	0,007	0,031	FALSE
0,147	0,315	0,003	0,007	0,189	FALSE
0,142	0,290	0,004	0,009	0,199	FALSE
-0,024	0,304	0,000	0,007	0,001	FALSE

-0,064	0,296	-0,003	0,012	0,091	FALSE
0,024	0,318	0,001	0,007	0,032	FALSE
0,036	0,308	0,001	0,011	0,034	FALSE
-0,115	0,301	-0,004	0,010	0,138	FALSE
-0,002	0,303	0,001	0,010	0,019	FALSE
-0,096	0,283	-0,004	0,009	0,160	FALSE
-0,103	0,296	-0,003	0,008	0,160	FALSE
0,075	0,316	0,002	0,013	0,056	FALSE
0,088	0,314	0,002	0,011	0,073	FALSE
0,092	0,316	0,003	0,012	0,105	FALSE
0,051	0,316	0,002	0,010	0,065	FALSE
-0,001	0,300	0,000	0,007	0,019	FALSE
-0,045	0,309	-0,001	0,012	0,042	FALSE
0,030	0,298	0,001	0,012	0,029	FALSE
-0,082	0,315	-0,002	0,008	0,090	FALSE
-0,064	0,312	-0,002	0,011	0,058	FALSE
0,054	0,311	0,002	0,008	0,080	FALSE
-0,025	0,314	-0,001	0,006	0,029	FALSE
0,005	0,303	0,000	0,011	0,000	FALSE
0,065	0,327	0,002	0,013	0,074	FALSE
0,001	0,311	0,001	0,008	0,024	FALSE
0,046	0,298	0,001	0,006	0,058	FALSE
-0,036	0,297	0,000	0,007	0,008	FALSE
0,140	0,292	0,003	0,007	0,181	FALSE
-0,021	0,307	0,000	0,008	0,012	FALSE
0,013	0,318	0,000	0,009	0,007	FALSE
-0,007	0,300	0,000	0,011	0,009	FALSE
-0,043	0,304	-0,001	0,007	0,029	FALSE
0,047	0,308	0,003	0,012	0,088	FALSE
-0,058	0,301	-0,003	0,012	0,088	FALSE
0,009	0,310	0,001	0,008	0,029	FALSE
-0,017	0,307	-0,001	0,011	0,028	FALSE
-0,059	0,305	-0,002	0,010	0,069	FALSE
0,033	0,304	0,001	0,011	0,040	FALSE
0,027	0,309	0,001	0,012	0,040	FALSE
0,040	0,313	0,001	0,010	0,019	FALSE
0,061	0,292	0,003	0,012	0,088	FALSE
-0,103	0,306	-0,004	0,012	0,148	FALSE
-0,056	0,293	-0,002	0,011	0,079	FALSE
-0,010	0,323	0,000	0,013	0,008	FALSE
0,083	0,313	0,003	0,012	0,103	FALSE
-0,056	0,302	-0,002	0,010	0,084	FALSE
0,038	0,297	0,002	0,007	0,082	FALSE
0,013	0,303	0,001	0,009	0,034	FALSE
-0,054	0,307	-0,002	0,008	0,077	FALSE
-0,031	0,318	-0,001	0,009	0,043	FALSE
0,019	0,320	0,000	0,011	0,013	FALSE
-0,015	0,302	0,000	0,012	0,010	FALSE
0,006	0,304	0,000	0,009	0,015	FALSE
0,029	0,320	0,000	0,009	0,019	FALSE
0,036	0,320	0,002	0,013	0,060	FALSE
0,099	0,294	0,003	0,008	0,141	FALSE
-0,035	0,314	-0,001	0,013	0,036	FALSE

-0,121	0,303	-0,005	0,011	0,174	FALSE
-0,018	0,292	0,000	0,007	0,010	FALSE
0,009	0,316	0,000	0,008	0,013	FALSE
0,047	0,305	0,001	0,006	0,087	FALSE
-0,008	0,294	0,000	0,007	0,010	FALSE
0,027	0,309	0,002	0,012	0,050	FALSE
-0,133	0,315	-0,003	0,008	0,155	FALSE
-0,047	0,303	-0,001	0,008	0,069	FALSE
0,046	0,300	0,001	0,012	0,046	FALSE
0,106	0,305	0,003	0,007	0,145	FALSE
0,031	0,302	0,001	0,009	0,030	FALSE
0,025	0,304	0,002	0,012	0,045	FALSE
0,075	0,329	0,002	0,008	0,101	FALSE
-0,007	0,292	0,000	0,006	0,005	FALSE
-0,062	0,302	-0,002	0,007	0,084	FALSE
-0,040	0,291	-0,001	0,006	0,048	FALSE
-0,088	0,308	-0,003	0,011	0,118	FALSE
0,059	0,324	0,002	0,010	0,078	FALSE
-0,036	0,326	-0,002	0,012	0,052	FALSE
-0,002	0,318	0,000	0,013	0,010	FALSE
-0,018	0,306	0,000	0,012	0,005	FALSE
-0,106	0,303	-0,003	0,008	0,141	FALSE
-0,095	0,311	-0,002	0,008	0,126	FALSE
-0,032	0,315	-0,002	0,012	0,066	FALSE
-0,086	0,302	-0,002	0,008	0,107	FALSE
-0,046	0,297	-0,001	0,007	0,036	FALSE
-0,012	0,321	-0,001	0,012	0,018	FALSE
-0,123	0,306	-0,005	0,013	0,172	FALSE
-0,036	0,320	-0,002	0,013	0,051	FALSE
-0,037	0,309	-0,001	0,007	0,035	FALSE
-0,159	0,303	-0,005	0,010	0,205	FALSE
-0,099	0,292	-0,004	0,012	0,139	FALSE
-0,070	0,302	-0,001	0,007	0,080	FALSE
0,102	0,308	0,004	0,011	0,130	FALSE
-0,030	0,307	0,000	0,008	0,022	FALSE
-0,069	0,302	-0,002	0,009	0,085	FALSE
-0,075	0,299	-0,003	0,008	0,139	FALSE
-0,076	0,299	-0,003	0,008	0,142	FALSE
0,062	0,299	0,001	0,008	0,058	FALSE
0,090	0,308	0,002	0,008	0,106	FALSE
0,094	0,298	0,003	0,009	0,152	FALSE
-0,070	0,298	-0,004	0,012	0,131	FALSE
0,014	0,298	0,000	0,012	0,013	FALSE
-0,051	0,327	-0,001	0,007	0,067	FALSE
-0,071	0,307	-0,002	0,011	0,076	FALSE
0,070	0,301	0,003	0,012	0,084	FALSE
0,096	0,310	0,003	0,008	0,138	FALSE
-0,070	0,306	-0,002	0,011	0,070	FALSE
-0,091	0,312	-0,002	0,010	0,091	FALSE
0,018	0,305	0,000	0,009	0,010	FALSE
0,005	0,310	0,001	0,009	0,024	FALSE
0,013	0,302	0,001	0,008	0,032	FALSE
-0,024	0,313	-0,001	0,008	0,035	FALSE

-0,053	0,327	-0,002	0,013	0,062	FALSE
-0,077	0,296	-0,003	0,012	0,097	FALSE
-0,101	0,307	-0,003	0,008	0,124	FALSE
0,068	0,313	0,002	0,010	0,089	FALSE
0,105	0,308	0,004	0,012	0,134	FALSE
0,076	0,297	0,001	0,007	0,073	FALSE
0,054	0,299	0,003	0,012	0,091	FALSE
0,011	0,291	0,000	0,009	0,018	FALSE
0,067	0,312	0,002	0,008	0,103	FALSE
0,066	0,306	0,002	0,008	0,079	FALSE
0,025	0,311	0,000	0,008	0,018	FALSE
0,021	0,310	0,001	0,008	0,030	FALSE
0,022	0,311	0,001	0,006	0,038	FALSE
0,103	0,311	0,004	0,009	0,171	FALSE
0,006	0,307	0,000	0,009	0,007	FALSE
0,044	0,315	0,002	0,013	0,046	FALSE
0,011	0,308	0,001	0,013	0,034	FALSE
0,033	0,294	0,000	0,006	0,018	FALSE
0,046	0,301	0,001	0,006	0,040	FALSE
-0,127	0,305	-0,003	0,008	0,172	FALSE
-0,156	0,309	-0,004	0,008	0,216	FALSE
0,124	0,307	0,003	0,007	0,166	FALSE
0,028	0,308	0,001	0,010	0,040	FALSE
-0,003	0,302	0,000	0,006	0,016	FALSE
0,046	0,312	0,001	0,012	0,039	FALSE
-0,044	0,307	-0,002	0,012	0,070	FALSE
0,015	0,309	0,001	0,012	0,034	FALSE
0,034	0,319	0,001	0,012	0,039	FALSE
0,022	0,300	0,000	0,010	0,018	FALSE
-0,039	0,315	-0,001	0,006	0,036	FALSE
0,107	0,304	0,004	0,011	0,141	FALSE
-0,028	0,319	-0,001	0,007	0,039	FALSE
0,116	0,313	0,003	0,008	0,148	FALSE
0,038	0,303	0,001	0,010	0,024	FALSE
0,122	0,301	0,004	0,009	0,156	FALSE
-0,016	0,312	-0,001	0,013	0,036	FALSE
-0,007	0,317	0,000	0,008	0,012	FALSE
0,052	0,320	0,002	0,012	0,062	FALSE
0,132	0,295	0,004	0,011	0,152	FALSE
-0,067	0,296	-0,002	0,013	0,051	FALSE
-0,045	0,295	-0,002	0,012	0,068	FALSE
-0,001	0,290	0,000	0,011	0,013	FALSE
-0,021	0,319	-0,001	0,009	0,057	FALSE
0,029	0,313	0,001	0,010	0,018	FALSE
0,049	0,312	0,001	0,009	0,055	FALSE
0,062	0,310	0,002	0,009	0,068	FALSE
0,057	0,309	0,001	0,007	0,063	FALSE
0,019	0,307	0,000	0,009	0,005	FALSE
0,081	0,305	0,003	0,010	0,119	FALSE
0,059	0,313	0,002	0,010	0,079	FALSE
0,119	0,321	0,005	0,012	0,153	FALSE
0,062	0,314	0,003	0,013	0,076	FALSE
-0,017	0,294	-0,001	0,012	0,029	FALSE

0,055	0,309	0,002	0,012	0,068	FALSE
0,012	0,301	0,000	0,010	0,014	FALSE
0,003	0,313	0,000	0,012	0,003	FALSE
0,025	0,307	0,001	0,008	0,045	FALSE
-0,066	0,291	-0,003	0,011	0,095	FALSE
0,029	0,299	0,001	0,012	0,037	FALSE
0,003	0,297	0,001	0,012	0,019	FALSE
0,072	0,308	0,003	0,011	0,115	FALSE
-0,097	0,311	-0,005	0,013	0,158	FALSE
0,011	0,304	0,000	0,011	0,004	FALSE
0,026	0,313	0,001	0,007	0,045	FALSE
0,047	0,310	0,001	0,006	0,059	FALSE
0,112	0,306	0,003	0,008	0,146	FALSE
0,059	0,313	0,003	0,012	0,090	FALSE
-0,063	0,299	-0,003	0,012	0,105	FALSE
-0,028	0,316	-0,001	0,012	0,035	FALSE
-0,065	0,314	-0,003	0,009	0,109	FALSE
-0,054	0,302	-0,004	0,012	0,120	FALSE
-0,049	0,303	-0,002	0,007	0,081	FALSE
0,032	0,291	0,003	0,012	0,103	FALSE
0,025	0,293	0,002	0,013	0,066	FALSE
0,068	0,303	0,002	0,008	0,087	FALSE
0,012	0,301	0,000	0,008	0,022	FALSE
0,085	0,307	0,003	0,012	0,107	FALSE
-0,002	0,312	0,000	0,007	0,009	FALSE
-0,150	0,293	-0,004	0,009	0,199	FALSE
-0,035	0,306	-0,001	0,012	0,037	FALSE
0,031	0,318	0,001	0,013	0,035	FALSE
-0,213	0,311	-0,009	0,013	0,312	FALSE
0,055	0,317	0,001	0,007	0,069	FALSE
0,009	0,315	0,000	0,007	0,017	FALSE
0,048	0,309	0,001	0,011	0,041	FALSE
0,020	0,298	0,000	0,007	0,008	FALSE
-0,011	0,312	0,000	0,007	0,025	FALSE
0,070	0,312	0,002	0,011	0,058	FALSE
0,088	0,305	0,002	0,007	0,115	FALSE
0,135	0,293	0,004	0,008	0,190	FALSE
0,009	0,309	0,000	0,007	0,002	FALSE
-0,033	0,309	-0,001	0,009	0,052	FALSE
-0,115	0,307	-0,004	0,012	0,141	FALSE
0,070	0,310	0,001	0,008	0,073	FALSE
0,014	0,307	0,001	0,008	0,048	FALSE
-0,050	0,312	-0,002	0,008	0,095	FALSE
0,176	0,303	0,006	0,010	0,274	FALSE
-0,065	0,313	-0,002	0,012	0,069	FALSE
-0,021	0,314	-0,001	0,009	0,024	FALSE
0,119	0,309	0,003	0,008	0,135	FALSE
-0,031	0,316	-0,001	0,007	0,026	FALSE
-0,143	0,303	-0,005	0,012	0,192	FALSE
-0,157	0,312	-0,007	0,012	0,229	FALSE
-0,141	0,307	-0,006	0,012	0,198	FALSE
-0,188	0,307	-0,006	0,010	0,268	FALSE
-0,113	0,298	-0,003	0,007	0,163	FALSE

-0,050	0,307	-0,002	0,008	0,076	FALSE
-0,029	0,308	-0,001	0,007	0,032	FALSE
0,011	0,314	0,001	0,010	0,035	FALSE
-0,068	0,319	-0,004	0,013	0,114	FALSE
0,026	0,308	0,001	0,010	0,048	FALSE
-0,050	0,311	-0,002	0,011	0,053	FALSE
-0,072	0,308	-0,002	0,010	0,069	FALSE
-0,003	0,310	0,000	0,011	0,002	FALSE
0,066	0,317	0,001	0,007	0,051	FALSE
0,084	0,304	0,001	0,007	0,074	FALSE
-0,029	0,307	0,000	0,007	0,017	FALSE
-0,058	0,302	-0,002	0,008	0,089	FALSE
0,007	0,304	0,001	0,012	0,026	FALSE
0,037	0,315	0,002	0,013	0,054	FALSE
0,029	0,293	0,000	0,009	0,010	FALSE
-0,069	0,303	-0,003	0,012	0,084	FALSE
-0,030	0,304	-0,001	0,007	0,040	FALSE
-0,014	0,318	-0,001	0,007	0,026	FALSE
0,065	0,315	0,003	0,013	0,092	FALSE
-0,039	0,315	-0,001	0,009	0,039	FALSE
0,002	0,298	0,000	0,006	0,006	FALSE
-0,017	0,299	0,000	0,007	0,005	FALSE
0,196	0,297	0,006	0,008	0,336	FALSE
-0,100	0,308	-0,003	0,007	0,157	FALSE
-0,095	0,313	-0,004	0,012	0,127	FALSE
0,058	0,313	0,001	0,011	0,048	FALSE
-0,020	0,315	0,000	0,009	0,007	FALSE
0,106	0,320	0,004	0,011	0,155	FALSE
0,089	0,313	0,004	0,011	0,139	FALSE
0,085	0,314	0,004	0,012	0,134	FALSE
-0,004	0,310	0,001	0,007	0,030	FALSE
-0,006	0,308	0,000	0,008	0,007	FALSE
0,030	0,296	0,001	0,012	0,030	FALSE
0,189	0,301	0,008	0,012	0,311	FALSE
0,047	0,309	0,001	0,010	0,040	FALSE
-0,019	0,295	0,000	0,009	0,003	FALSE
0,002	0,298	0,000	0,008	0,017	FALSE
0,067	0,318	0,003	0,010	0,106	FALSE
-0,012	0,299	0,000	0,011	0,013	FALSE
0,084	0,303	0,004	0,011	0,133	FALSE
-0,166	0,308	-0,003	0,006	0,214	FALSE
-0,128	0,318	-0,003	0,007	0,168	FALSE
0,088	0,307	0,003	0,009	0,112	FALSE
-0,129	0,314	-0,003	0,009	0,147	FALSE
-0,061	0,315	-0,001	0,008	0,051	FALSE
0,006	0,299	0,000	0,008	0,010	FALSE
-0,015	0,305	0,000	0,007	0,021	FALSE
-0,001	0,308	-0,001	0,012	0,030	FALSE
0,041	0,314	0,002	0,009	0,065	FALSE
0,026	0,306	0,002	0,012	0,055	FALSE
0,015	0,316	0,001	0,012	0,042	FALSE
0,022	0,312	0,001	0,011	0,023	FALSE
0,002	0,313	0,000	0,008	0,001	FALSE

0,132	0,307	0,004	0,009	0,178	FALSE
0,065	0,298	0,002	0,012	0,079	FALSE
0,073	0,308	0,001	0,007	0,071	FALSE
0,055	0,309	0,002	0,009	0,059	FALSE
0,081	0,302	0,003	0,012	0,091	FALSE
-0,150	0,293	-0,006	0,011	0,216	FALSE
0,038	0,301	0,001	0,010	0,024	FALSE
0,109	0,307	0,003	0,010	0,117	FALSE
0,037	0,309	0,002	0,009	0,067	FALSE
0,108	0,321	0,005	0,013	0,160	FALSE
-0,124	0,297	-0,004	0,009	0,193	FALSE
-0,003	0,309	0,000	0,008	0,005	FALSE
-0,032	0,290	-0,001	0,011	0,030	FALSE
0,052	0,322	0,001	0,007	0,067	FALSE
0,061	0,327	0,003	0,011	0,087	FALSE
-0,019	0,294	0,000	0,010	0,004	FALSE
0,022	0,302	0,000	0,008	0,017	FALSE
0,057	0,304	0,002	0,011	0,058	FALSE
-0,045	0,308	-0,001	0,009	0,046	FALSE
-0,107	0,314	-0,004	0,013	0,131	FALSE
-0,124	0,295	-0,005	0,012	0,156	FALSE
-0,124	0,298	-0,005	0,012	0,164	FALSE
0,071	0,289	0,001	0,006	0,081	FALSE
0,095	0,302	0,004	0,009	0,162	FALSE
-0,053	0,311	-0,002	0,009	0,068	FALSE
-0,012	0,318	0,000	0,008	0,014	FALSE
-0,009	0,298	0,000	0,007	0,002	FALSE
-0,017	0,315	-0,001	0,007	0,028	FALSE
0,023	0,336	0,001	0,010	0,030	FALSE
0,043	0,302	0,001	0,009	0,056	FALSE
0,140	0,296	0,004	0,009	0,184	FALSE
0,175	0,309	0,007	0,013	0,217	FALSE
-0,118	0,304	-0,005	0,013	0,178	FALSE
-0,058	0,317	-0,003	0,011	0,090	FALSE
0,080	0,294	0,002	0,008	0,098	FALSE
-0,035	0,297	-0,001	0,007	0,029	FALSE
0,075	0,307	0,003	0,010	0,104	FALSE
-0,051	0,307	-0,001	0,012	0,033	FALSE
0,034	0,297	0,001	0,007	0,064	FALSE
0,000	0,318	0,000	0,012	0,014	FALSE
0,032	0,300	0,001	0,009	0,047	FALSE
0,060	0,301	0,003	0,010	0,105	FALSE
-0,068	0,310	-0,002	0,008	0,097	FALSE
0,041	0,299	0,001	0,007	0,053	FALSE
-0,006	0,312	0,000	0,008	0,001	FALSE
0,050	0,318	0,001	0,008	0,067	FALSE
-0,142	0,308	-0,003	0,006	0,196	FALSE
-0,142	0,314	-0,003	0,007	0,191	FALSE
-0,023	0,309	0,000	0,007	0,009	FALSE
0,185	0,305	0,007	0,011	0,277	FALSE
0,038	0,315	0,001	0,007	0,064	FALSE
0,030	0,323	0,001	0,007	0,048	FALSE
0,127	0,306	0,005	0,012	0,152	FALSE

0,022	0,304	0,001	0,006	0,057	FALSE
0,030	0,310	0,000	0,006	0,018	FALSE
0,127	0,299	0,003	0,009	0,146	FALSE
0,044	0,296	0,001	0,012	0,031	FALSE
-0,034	0,312	-0,002	0,012	0,051	FALSE
-0,031	0,309	-0,001	0,008	0,023	FALSE
-0,025	0,325	-0,001	0,011	0,029	FALSE
-0,027	0,312	-0,001	0,012	0,016	FALSE
-0,093	0,308	-0,004	0,012	0,130	FALSE
0,012	0,317	0,000	0,010	0,010	FALSE
0,088	0,298	0,003	0,009	0,129	FALSE
0,106	0,310	0,003	0,009	0,155	FALSE
-0,088	0,309	-0,004	0,011	0,151	FALSE
0,005	0,304	0,000	0,012	0,004	FALSE
-0,036	0,320	-0,002	0,011	0,053	FALSE
-0,021	0,319	-0,001	0,012	0,044	FALSE
-0,146	0,303	-0,004	0,009	0,209	FALSE
-0,025	0,305	0,000	0,008	0,007	FALSE
0,000	0,313	0,000	0,007	0,003	FALSE
0,015	0,313	0,001	0,007	0,050	FALSE
0,062	0,299	0,002	0,011	0,082	FALSE
0,059	0,301	0,002	0,010	0,078	FALSE
-0,062	0,298	-0,002	0,009	0,083	FALSE
0,007	0,307	0,000	0,007	0,015	FALSE
-0,092	0,312	-0,003	0,011	0,111	FALSE
0,018	0,310	0,001	0,007	0,032	FALSE
-0,084	0,320	-0,002	0,009	0,084	FALSE
0,063	0,316	0,002	0,009	0,094	FALSE
-0,033	0,302	-0,001	0,011	0,027	FALSE
-0,087	0,307	-0,003	0,011	0,109	FALSE
0,069	0,317	0,002	0,012	0,075	FALSE
-0,003	0,303	0,000	0,009	0,006	FALSE
-0,045	0,310	-0,002	0,010	0,063	FALSE
-0,042	0,312	-0,001	0,009	0,056	FALSE
-0,078	0,312	-0,003	0,010	0,101	FALSE
-0,037	0,309	-0,001	0,011	0,020	FALSE
-0,065	0,310	-0,002	0,012	0,058	FALSE
-0,088	0,297	-0,005	0,013	0,169	FALSE
0,110	0,313	0,003	0,009	0,151	FALSE
-0,104	0,300	-0,004	0,012	0,124	FALSE
0,055	0,305	0,003	0,009	0,102	FALSE
0,088	0,293	0,003	0,011	0,097	FALSE
-0,050	0,316	-0,001	0,007	0,057	FALSE
0,080	0,295	0,004	0,012	0,114	FALSE
-0,040	0,300	-0,001	0,007	0,047	FALSE
-0,123	0,311	-0,004	0,011	0,148	FALSE
-0,038	0,314	-0,001	0,012	0,028	FALSE
0,009	0,300	0,000	0,007	0,020	FALSE
-0,023	0,312	0,000	0,008	0,011	FALSE
-0,176	0,295	-0,006	0,010	0,243	FALSE
0,067	0,313	0,002	0,013	0,062	FALSE
-0,052	0,292	-0,002	0,010	0,055	FALSE
-0,030	0,294	-0,002	0,012	0,049	FALSE

-0,045	0,320	-0,002	0,009	0,074	FALSE
-0,025	0,313	-0,001	0,008	0,047	FALSE
0,049	0,312	0,002	0,007	0,094	FALSE
0,028	0,299	0,000	0,012	0,012	FALSE
-0,081	0,312	-0,001	0,007	0,083	FALSE
0,002	0,303	0,000	0,009	0,006	FALSE
0,090	0,320	0,003	0,010	0,094	FALSE
0,073	0,319	0,003	0,010	0,110	FALSE
-0,014	0,304	0,000	0,006	0,020	FALSE
-0,072	0,307	-0,004	0,012	0,128	FALSE
-0,145	0,300	-0,003	0,006	0,194	FALSE
0,193	0,298	0,008	0,012	0,294	FALSE
-0,189	0,306	-0,010	0,013	0,339	FALSE
-0,102	0,304	-0,003	0,009	0,139	FALSE
0,118	0,287	0,004	0,011	0,128	FALSE
-0,177	0,311	-0,006	0,010	0,287	FALSE
0,091	0,313	0,002	0,007	0,123	FALSE
0,076	0,295	0,003	0,011	0,096	FALSE
0,008	0,298	0,000	0,007	0,009	FALSE
0,012	0,314	0,000	0,011	0,000	FALSE
-0,034	0,298	-0,001	0,008	0,067	FALSE
0,046	0,307	0,001	0,007	0,068	FALSE
0,050	0,304	0,002	0,007	0,079	FALSE
-0,034	0,305	-0,002	0,008	0,067	FALSE
-0,072	0,293	-0,003	0,012	0,098	FALSE
-0,134	0,305	-0,005	0,012	0,174	FALSE
-0,112	0,309	-0,004	0,012	0,143	FALSE
0,059	0,307	0,002	0,013	0,054	FALSE
0,018	0,303	0,002	0,013	0,042	FALSE
0,018	0,306	0,001	0,008	0,023	FALSE
0,011	0,318	0,000	0,009	0,002	FALSE
-0,046	0,294	-0,001	0,008	0,056	FALSE
-0,101	0,293	-0,002	0,007	0,136	FALSE
-0,078	0,292	-0,002	0,007	0,098	FALSE
0,104	0,296	0,004	0,012	0,115	FALSE
0,056	0,295	0,002	0,008	0,080	FALSE
-0,117	0,300	-0,004	0,012	0,136	FALSE
0,220	0,297	0,005	0,007	0,302	FALSE
0,020	0,317	0,001	0,007	0,056	FALSE
0,147	0,311	0,004	0,007	0,227	FALSE
0,111	0,303	0,003	0,007	0,173	FALSE
-0,059	0,305	-0,001	0,006	0,079	FALSE
0,009	0,307	0,000	0,007	0,009	FALSE
0,055	0,300	0,002	0,006	0,096	FALSE
-0,050	0,313	-0,002	0,010	0,073	FALSE
0,050	0,315	0,002	0,012	0,064	FALSE
0,047	0,306	0,001	0,006	0,064	FALSE
-0,054	0,315	-0,002	0,013	0,053	FALSE
-0,058	0,318	-0,002	0,009	0,061	FALSE
-0,136	0,302	-0,004	0,010	0,175	FALSE
-0,169	0,306	-0,004	0,007	0,219	FALSE
-0,093	0,304	-0,002	0,007	0,119	FALSE
-0,028	0,304	-0,001	0,007	0,036	FALSE

0,173	0,301	0,005	0,008	0,237	FALSE
0,060	0,318	0,001	0,010	0,057	FALSE
0,025	0,314	0,000	0,009	0,017	FALSE
-0,063	0,294	-0,002	0,009	0,092	FALSE
-0,037	0,314	-0,001	0,009	0,032	FALSE
-0,038	0,305	-0,001	0,006	0,070	FALSE
-0,053	0,308	-0,002	0,008	0,076	FALSE
-0,063	0,324	-0,001	0,007	0,064	FALSE
-0,151	0,308	-0,003	0,006	0,192	FALSE
-0,068	0,299	-0,002	0,009	0,086	FALSE
0,053	0,303	0,001	0,007	0,042	FALSE
-0,136	0,299	-0,003	0,007	0,143	FALSE
0,058	0,311	0,002	0,007	0,094	FALSE
-0,052	0,304	-0,001	0,009	0,040	FALSE
-0,096	0,307	-0,003	0,009	0,157	FALSE
0,139	0,298	0,003	0,008	0,160	FALSE
0,048	0,309	0,001	0,010	0,045	FALSE
0,140	0,305	0,003	0,008	0,146	FALSE
0,086	0,301	0,003	0,009	0,123	FALSE
-0,035	0,306	-0,003	0,012	0,084	FALSE
-0,008	0,313	0,000	0,007	0,010	FALSE
-0,031	0,299	0,000	0,010	0,014	FALSE
-0,032	0,307	-0,001	0,008	0,051	FALSE
-0,059	0,313	-0,002	0,009	0,082	FALSE
0,210	0,302	0,006	0,009	0,288	FALSE
-0,121	0,313	-0,003	0,008	0,153	FALSE
0,217	0,301	0,006	0,009	0,302	FALSE
-0,104	0,310	-0,007	0,014	0,202	FALSE
-0,177	0,292	-0,006	0,009	0,281	FALSE
0,140	0,311	0,005	0,011	0,213	FALSE
0,006	0,302	0,000	0,010	0,008	FALSE
0,066	0,313	0,002	0,010	0,069	FALSE
0,057	0,310	0,002	0,008	0,086	FALSE
0,038	0,309	0,001	0,007	0,067	FALSE
0,041	0,309	0,001	0,007	0,054	FALSE
0,185	0,306	0,005	0,008	0,239	FALSE
-0,033	0,302	-0,001	0,007	0,059	FALSE
-0,056	0,318	-0,001	0,006	0,070	FALSE
0,018	0,298	0,001	0,010	0,052	FALSE
0,001	0,314	0,000	0,007	0,001	FALSE
-0,054	0,308	-0,002	0,013	0,051	FALSE
0,061	0,310	0,002	0,009	0,068	FALSE
0,056	0,316	0,002	0,011	0,064	FALSE
-0,054	0,311	-0,002	0,010	0,089	FALSE
0,108	0,304	0,003	0,007	0,140	FALSE
0,111	0,299	0,004	0,009	0,183	FALSE
-0,084	0,305	-0,003	0,011	0,093	FALSE
-0,093	0,323	-0,003	0,011	0,105	FALSE
-0,087	0,315	-0,003	0,009	0,115	FALSE
0,075	0,298	0,003	0,009	0,115	FALSE
0,007	0,303	0,001	0,012	0,029	FALSE
-0,170	0,301	-0,003	0,006	0,226	FALSE
-0,091	0,302	-0,002	0,007	0,120	FALSE

-0,006	0,315	-0,001	0,012	0,017	FALSE
-0,046	0,296	-0,002	0,010	0,077	FALSE
0,049	0,313	0,002	0,013	0,044	FALSE
0,063	0,300	0,003	0,012	0,110	FALSE
0,083	0,311	0,003	0,011	0,108	FALSE
0,057	0,295	0,002	0,008	0,086	FALSE
0,043	0,314	0,001	0,010	0,053	FALSE
0,074	0,321	0,003	0,013	0,089	FALSE
-0,030	0,318	-0,001	0,008	0,035	FALSE
-0,146	0,290	-0,006	0,011	0,244	FALSE
-0,025	0,306	0,000	0,007	0,026	FALSE
0,033	0,303	0,001	0,008	0,044	FALSE
0,024	0,302	0,000	0,012	0,005	FALSE
-0,016	0,320	-0,001	0,010	0,032	FALSE
-0,091	0,303	-0,002	0,006	0,125	FALSE
-0,076	0,310	-0,002	0,007	0,089	FALSE
0,060	0,302	0,002	0,006	0,108	FALSE
0,026	0,314	0,001	0,007	0,052	FALSE
-0,033	0,302	0,000	0,009	0,018	FALSE
-0,011	0,322	0,000	0,008	0,016	FALSE
0,034	0,303	0,001	0,009	0,049	FALSE
0,025	0,316	0,001	0,012	0,031	FALSE
-0,045	0,317	-0,001	0,007	0,045	FALSE
-0,020	0,325	-0,001	0,012	0,030	FALSE
0,096	0,302	0,003	0,011	0,129	FALSE
-0,137	0,304	-0,004	0,010	0,182	FALSE
0,144	0,305	0,003	0,007	0,196	FALSE
-0,077	0,293	-0,003	0,009	0,124	FALSE
0,024	0,304	0,001	0,009	0,037	FALSE
0,049	0,308	0,002	0,009	0,073	FALSE
0,172	0,305	0,004	0,007	0,256	FALSE
-0,186	0,300	-0,004	0,008	0,251	FALSE
-0,181	0,300	-0,005	0,009	0,251	FALSE
0,115	0,306	0,006	0,013	0,191	FALSE
-0,036	0,328	-0,001	0,007	0,040	FALSE
0,014	0,285	0,000	0,010	0,001	FALSE
-0,069	0,308	-0,002	0,009	0,067	FALSE
0,013	0,303	0,000	0,012	0,013	FALSE
-0,027	0,315	-0,001	0,008	0,030	FALSE
-0,084	0,302	-0,003	0,009	0,128	FALSE
0,092	0,310	0,002	0,008	0,106	FALSE
0,023	0,301	0,001	0,008	0,046	FALSE
-0,027	0,301	-0,001	0,007	0,051	FALSE
-0,026	0,309	-0,001	0,006	0,040	FALSE
0,084	0,293	0,003	0,009	0,144	FALSE
0,067	0,303	0,001	0,007	0,077	FALSE
0,100	0,316	0,003	0,011	0,108	FALSE
0,018	0,303	0,000	0,007	0,005	FALSE
-0,005	0,306	0,000	0,013	0,013	FALSE
0,128	0,314	0,005	0,012	0,159	FALSE
-0,080	0,306	-0,003	0,011	0,092	FALSE
0,018	0,300	0,000	0,009	0,001	FALSE
0,018	0,308	0,001	0,007	0,028	FALSE

-0,076	0,297	-0,002	0,008	0,116	FALSE
-0,158	0,311	-0,005	0,011	0,208	FALSE
0,109	0,307	0,003	0,008	0,129	FALSE
-0,104	0,283	-0,003	0,006	0,173	FALSE
-0,164	0,290	-0,004	0,007	0,249	FALSE
0,021	0,310	0,001	0,010	0,026	FALSE
-0,065	0,311	-0,001	0,010	0,053	FALSE
-0,033	0,305	-0,001	0,010	0,036	FALSE
-0,074	0,301	-0,002	0,008	0,121	FALSE
-0,063	0,307	-0,003	0,012	0,083	FALSE
0,032	0,304	0,002	0,012	0,051	FALSE
-0,025	0,310	-0,001	0,008	0,034	FALSE
0,019	0,310	0,001	0,007	0,034	FALSE
0,233	0,295	0,011	0,012	0,425	FALSE
0,118	0,297	0,004	0,009	0,196	FALSE
0,161	0,294	0,004	0,008	0,218	FALSE
-0,020	0,307	-0,001	0,008	0,029	FALSE
0,053	0,323	0,001	0,011	0,036	FALSE
0,068	0,299	0,002	0,009	0,081	FALSE
-0,156	0,293	-0,006	0,011	0,232	FALSE
-0,043	0,308	-0,001	0,006	0,037	FALSE
-0,020	0,326	-0,001	0,013	0,020	FALSE
0,077	0,318	0,003	0,009	0,116	FALSE
-0,004	0,302	-0,001	0,011	0,023	FALSE
0,074	0,295	0,002	0,011	0,085	FALSE
0,000	0,291	-0,001	0,011	0,030	FALSE
-0,072	0,329	-0,001	0,008	0,065	FALSE
-0,014	0,296	0,000	0,006	0,027	FALSE
-0,123	0,304	-0,003	0,007	0,193	FALSE
0,081	0,304	0,004	0,013	0,118	FALSE
-0,054	0,316	-0,001	0,008	0,071	FALSE
0,132	0,311	0,005	0,011	0,183	FALSE
-0,143	0,307	-0,004	0,008	0,185	FALSE
-0,086	0,313	-0,002	0,007	0,117	FALSE
-0,130	0,304	-0,004	0,011	0,159	FALSE
-0,002	0,309	0,000	0,010	0,009	FALSE
-0,010	0,303	-0,001	0,010	0,030	FALSE
-0,016	0,312	-0,001	0,010	0,033	FALSE
0,149	0,312	0,003	0,007	0,179	FALSE
0,022	0,307	0,001	0,008	0,030	FALSE
0,084	0,303	0,002	0,007	0,123	FALSE
0,010	0,305	0,000	0,009	0,001	FALSE
-0,009	0,315	0,000	0,007	0,002	FALSE
0,026	0,300	0,001	0,009	0,021	FALSE
0,033	0,320	0,001	0,008	0,054	FALSE
0,026	0,308	0,000	0,008	0,016	FALSE
-0,098	0,294	-0,004	0,011	0,134	FALSE
-0,088	0,305	-0,002	0,007	0,110	FALSE
0,017	0,315	0,000	0,008	0,005	FALSE
0,065	0,303	0,002	0,008	0,100	FALSE
0,072	0,316	0,002	0,008	0,091	FALSE
-0,076	0,310	-0,004	0,013	0,116	FALSE
0,098	0,285	0,005	0,012	0,194	FALSE

0,044	0,304	0,001	0,006	0,075	FALSE
0,141	0,306	0,006	0,013	0,210	FALSE
0,190	0,294	0,006	0,009	0,345	FALSE
-0,021	0,301	0,000	0,007	0,027	FALSE
-0,055	0,298	-0,001	0,010	0,053	FALSE
-0,019	0,309	0,000	0,007	0,016	FALSE
0,102	0,303	0,003	0,008	0,132	FALSE
0,032	0,308	0,001	0,010	0,031	FALSE
-0,040	0,310	-0,001	0,013	0,024	FALSE
-0,009	0,309	-0,001	0,011	0,036	FALSE
0,009	0,315	0,000	0,013	0,000	FALSE
0,082	0,298	0,004	0,012	0,111	FALSE
0,006	0,311	0,000	0,006	0,013	FALSE
-0,039	0,305	-0,001	0,011	0,039	FALSE
-0,119	0,295	-0,003	0,009	0,153	FALSE
-0,106	0,302	-0,003	0,009	0,133	FALSE
0,084	0,307	0,002	0,007	0,112	FALSE
0,111	0,303	0,006	0,013	0,168	FALSE
-0,079	0,328	-0,003	0,013	0,098	FALSE
0,061	0,301	0,002	0,008	0,075	FALSE
0,056	0,310	0,001	0,008	0,061	FALSE
0,139	0,311	0,003	0,007	0,179	FALSE
-0,099	0,309	-0,003	0,009	0,117	FALSE
0,021	0,304	0,001	0,009	0,039	FALSE
0,104	0,299	0,004	0,012	0,125	FALSE
0,073	0,307	0,002	0,009	0,095	FALSE
-0,072	0,311	-0,003	0,013	0,091	FALSE
-0,007	0,298	0,000	0,007	0,011	FALSE
0,213	0,306	0,004	0,006	0,300	FALSE
-0,025	0,320	-0,001	0,009	0,049	FALSE
0,066	0,303	0,001	0,006	0,079	FALSE
0,009	0,300	0,000	0,007	0,014	FALSE
0,096	0,308	0,002	0,006	0,163	FALSE
0,024	0,293	0,001	0,012	0,029	FALSE
-0,038	0,304	-0,001	0,009	0,061	FALSE
0,095	0,317	0,003	0,007	0,146	FALSE
-0,090	0,312	-0,003	0,009	0,120	FALSE
0,056	0,304	0,002	0,008	0,088	FALSE
-0,044	0,298	0,000	0,012	0,012	FALSE
-0,019	0,305	0,000	0,013	0,003	FALSE
0,088	0,323	0,002	0,008	0,102	FALSE
0,005	0,314	0,000	0,008	0,000	FALSE
0,004	0,308	0,000	0,007	0,004	FALSE
0,116	0,309	0,004	0,012	0,140	FALSE
0,084	0,310	0,003	0,012	0,093	FALSE
0,079	0,314	0,002	0,007	0,085	FALSE
-0,020	0,293	-0,001	0,007	0,060	FALSE
-0,055	0,310	-0,002	0,011	0,085	FALSE
0,072	0,320	0,002	0,010	0,082	FALSE
-0,108	0,293	-0,003	0,009	0,110	FALSE
-0,059	0,303	-0,003	0,013	0,080	FALSE
-0,010	0,305	-0,001	0,010	0,027	FALSE
-0,055	0,307	-0,002	0,013	0,068	FALSE

-0,026	0,321	-0,001	0,012	0,029	FALSE
-0,086	0,304	-0,004	0,012	0,117	FALSE
-0,064	0,294	-0,002	0,011	0,054	FALSE
0,004	0,310	-0,001	0,013	0,019	FALSE
0,181	0,284	0,007	0,012	0,246	FALSE
-0,133	0,314	-0,003	0,008	0,123	FALSE
-0,078	0,311	-0,002	0,008	0,085	FALSE
-0,038	0,317	-0,001	0,007	0,038	FALSE
0,044	0,315	0,001	0,007	0,068	FALSE
0,075	0,292	0,003	0,009	0,141	FALSE
-0,093	0,304	-0,002	0,006	0,118	FALSE
0,014	0,300	0,001	0,011	0,037	FALSE
0,022	0,298	0,000	0,007	0,007	FALSE
-0,074	0,293	-0,002	0,010	0,076	FALSE
0,122	0,324	0,003	0,009	0,165	FALSE
-0,114	0,287	-0,002	0,006	0,152	FALSE
0,072	0,301	0,001	0,007	0,062	FALSE
0,051	0,315	0,002	0,013	0,058	FALSE
0,013	0,313	0,000	0,007	0,004	FALSE
0,089	0,306	0,004	0,013	0,131	FALSE
0,015	0,314	0,001	0,013	0,025	FALSE
0,021	0,301	0,000	0,006	0,027	FALSE
0,031	0,314	0,001	0,007	0,053	FALSE
0,048	0,300	0,001	0,006	0,066	FALSE
0,009	0,313	0,000	0,010	0,001	FALSE
-0,114	0,307	-0,004	0,010	0,156	FALSE
-0,005	0,307	0,000	0,009	0,017	FALSE
-0,056	0,303	-0,002	0,008	0,086	FALSE
-0,066	0,292	-0,002	0,012	0,063	FALSE
0,095	0,297	0,004	0,013	0,134	FALSE
-0,058	0,310	-0,002	0,010	0,086	FALSE
0,002	0,314	0,000	0,010	0,016	FALSE
0,053	0,296	0,002	0,008	0,109	FALSE
-0,074	0,308	-0,003	0,010	0,115	FALSE
0,016	0,321	0,001	0,007	0,036	FALSE
0,011	0,320	0,000	0,013	0,006	FALSE
-0,015	0,314	-0,001	0,007	0,035	FALSE
-0,128	0,304	-0,006	0,011	0,209	FALSE
-0,073	0,307	-0,001	0,007	0,074	FALSE
-0,174	0,315	-0,005	0,009	0,220	FALSE
0,104	0,309	0,002	0,008	0,102	FALSE
-0,026	0,313	-0,001	0,007	0,058	FALSE
0,064	0,306	0,001	0,006	0,061	FALSE
-0,025	0,309	-0,001	0,010	0,032	FALSE
-0,036	0,314	-0,002	0,011	0,064	FALSE
0,020	0,297	0,001	0,008	0,058	FALSE
-0,114	0,309	-0,003	0,008	0,179	FALSE
-0,083	0,301	-0,002	0,009	0,076	FALSE
0,027	0,306	0,000	0,012	0,013	FALSE
-0,106	0,313	-0,003	0,007	0,132	FALSE
0,051	0,306	0,002	0,011	0,061	FALSE
0,064	0,309	0,003	0,013	0,076	FALSE
-0,114	0,331	-0,005	0,013	0,162	FALSE

0,027	0,306	0,000	0,012	0,009	FALSE
-0,084	0,315	-0,003	0,009	0,126	FALSE
0,061	0,305	0,002	0,010	0,070	FALSE
-0,065	0,313	-0,002	0,009	0,078	FALSE
0,078	0,309	0,003	0,012	0,104	FALSE
0,061	0,300	0,002	0,012	0,065	FALSE
0,113	0,311	0,002	0,008	0,124	FALSE
-0,012	0,303	-0,001	0,011	0,026	FALSE
0,047	0,296	0,001	0,007	0,066	FALSE
0,029	0,307	0,001	0,007	0,043	FALSE
-0,104	0,311	-0,003	0,010	0,128	FALSE
-0,053	0,304	-0,002	0,007	0,101	FALSE
0,060	0,301	0,002	0,011	0,082	FALSE
0,088	0,314	0,002	0,007	0,087	FALSE
0,064	0,313	0,001	0,007	0,072	FALSE
-0,023	0,310	-0,001	0,011	0,024	FALSE
-0,036	0,313	-0,001	0,012	0,026	FALSE
-0,052	0,298	-0,002	0,007	0,079	FALSE
-0,102	0,307	-0,003	0,009	0,122	FALSE
0,030	0,300	0,000	0,007	0,025	FALSE
-0,107	0,302	-0,002	0,009	0,108	FALSE
0,063	0,317	0,003	0,011	0,086	FALSE
-0,101	0,294	-0,002	0,008	0,124	FALSE
-0,030	0,309	-0,001	0,010	0,023	FALSE
-0,091	0,308	-0,003	0,009	0,131	FALSE
-0,055	0,313	-0,002	0,009	0,071	FALSE
-0,030	0,331	0,000	0,007	0,023	FALSE
0,102	0,290	0,002	0,008	0,105	FALSE
-0,015	0,302	-0,001	0,008	0,041	FALSE
-0,042	0,319	-0,001	0,009	0,050	FALSE
0,114	0,305	0,004	0,007	0,205	FALSE
-0,017	0,303	0,000	0,011	0,003	FALSE
-0,017	0,312	0,000	0,013	0,014	FALSE
-0,009	0,311	0,000	0,008	0,010	FALSE
-0,088	0,295	-0,002	0,006	0,091	FALSE
0,055	0,298	0,003	0,011	0,087	FALSE
-0,027	0,310	-0,001	0,008	0,047	FALSE
0,186	0,306	0,005	0,009	0,223	FALSE
0,008	0,299	0,001	0,012	0,015	FALSE
0,081	0,297	0,003	0,011	0,089	FALSE
0,007	0,312	0,000	0,008	0,013	FALSE
-0,023	0,306	-0,001	0,011	0,029	FALSE
0,051	0,316	0,002	0,010	0,081	FALSE
-0,055	0,302	-0,002	0,013	0,070	FALSE
0,051	0,302	0,001	0,007	0,064	FALSE
0,010	0,318	0,000	0,013	0,010	FALSE
0,021	0,298	0,002	0,011	0,052	FALSE
-0,054	0,313	-0,001	0,010	0,044	FALSE
-0,017	0,310	-0,001	0,008	0,030	FALSE
0,045	0,304	0,002	0,008	0,075	FALSE
0,161	0,311	0,004	0,008	0,205	FALSE
0,097	0,291	0,003	0,007	0,134	FALSE
-0,082	0,302	-0,002	0,008	0,094	FALSE

-0,023	0,310	-0,001	0,009	0,024	FALSE
0,033	0,304	0,001	0,006	0,028	FALSE
-0,036	0,308	-0,001	0,011	0,046	FALSE
-0,039	0,309	-0,001	0,012	0,030	FALSE
-0,073	0,318	-0,002	0,008	0,098	FALSE
-0,013	0,311	-0,001	0,008	0,027	FALSE
0,087	0,301	0,003	0,009	0,115	FALSE
0,016	0,307	0,001	0,009	0,022	FALSE
-0,094	0,288	-0,004	0,011	0,130	FALSE
-0,154	0,305	-0,004	0,009	0,205	FALSE
-0,087	0,296	-0,004	0,012	0,142	FALSE
0,197	0,298	0,005	0,008	0,315	FALSE
0,147	0,307	0,005	0,011	0,188	FALSE
-0,025	0,295	-0,001	0,007	0,029	FALSE
-0,109	0,298	-0,004	0,011	0,150	FALSE
0,109	0,307	0,003	0,007	0,176	FALSE
-0,026	0,307	0,000	0,008	0,012	FALSE
-0,029	0,315	0,000	0,008	0,018	FALSE
0,037	0,292	0,001	0,006	0,037	FALSE
0,067	0,290	0,001	0,010	0,056	FALSE
0,073	0,308	0,003	0,012	0,083	FALSE
-0,063	0,312	-0,002	0,010	0,084	FALSE
0,013	0,298	-0,001	0,012	0,015	FALSE
0,031	0,305	0,001	0,006	0,042	FALSE
-0,051	0,302	-0,002	0,010	0,087	FALSE
-0,079	0,297	-0,002	0,007	0,097	FALSE
-0,060	0,309	-0,002	0,011	0,070	FALSE
0,098	0,285	0,003	0,011	0,114	FALSE
0,035	0,325	0,002	0,014	0,049	FALSE
-0,043	0,295	-0,001	0,007	0,030	FALSE
0,053	0,336	0,002	0,010	0,072	FALSE
0,079	0,312	0,002	0,007	0,108	FALSE
0,007	0,301	0,001	0,009	0,022	FALSE
0,014	0,312	0,001	0,008	0,033	FALSE
0,033	0,310	0,001	0,009	0,044	FALSE
0,009	0,287	0,002	0,013	0,043	FALSE
0,102	0,289	0,003	0,009	0,138	FALSE
-0,003	0,298	0,000	0,012	0,014	FALSE
-0,021	0,298	0,000	0,008	0,008	FALSE
-0,001	0,313	0,001	0,010	0,021	FALSE
0,002	0,313	0,001	0,010	0,029	FALSE
-0,014	0,292	-0,001	0,008	0,057	FALSE
-0,015	0,308	0,000	0,007	0,007	FALSE
0,105	0,312	0,003	0,008	0,137	FALSE
0,010	0,322	0,000	0,007	0,005	FALSE
0,072	0,315	0,003	0,010	0,107	FALSE
0,120	0,304	0,003	0,007	0,145	FALSE
0,039	0,320	0,001	0,009	0,039	FALSE
0,091	0,309	0,002	0,007	0,088	FALSE
0,029	0,290	0,001	0,009	0,031	FALSE
0,009	0,305	0,001	0,008	0,027	FALSE
-0,022	0,296	-0,001	0,013	0,043	FALSE
0,119	0,307	0,004	0,009	0,170	FALSE

-0,071	0,305	-0,002	0,008	0,084	FALSE
0,111	0,306	0,002	0,006	0,143	FALSE
0,037	0,304	0,001	0,009	0,036	FALSE
0,039	0,307	0,001	0,010	0,050	FALSE
-0,122	0,302	-0,003	0,010	0,128	FALSE
0,015	0,331	0,001	0,008	0,025	FALSE
0,049	0,296	0,002	0,013	0,060	FALSE
-0,069	0,316	-0,003	0,013	0,096	FALSE
-0,069	0,311	-0,001	0,008	0,061	FALSE
-0,017	0,315	0,000	0,010	0,013	FALSE
-0,023	0,322	-0,001	0,008	0,034	FALSE
0,070	0,304	0,002	0,009	0,090	FALSE
0,095	0,318	0,002	0,007	0,138	FALSE
-0,009	0,311	0,000	0,010	0,010	FALSE
-0,027	0,320	-0,001	0,012	0,038	FALSE
-0,231	0,304	-0,005	0,007	0,327	FALSE
0,010	0,308	-0,001	0,013	0,014	FALSE
0,022	0,318	0,000	0,013	0,003	FALSE
0,067	0,307	0,001	0,007	0,069	FALSE
-0,109	0,297	-0,003	0,008	0,155	FALSE
0,047	0,307	0,001	0,012	0,040	FALSE
0,014	0,307	0,001	0,008	0,038	FALSE
0,045	0,298	0,001	0,010	0,040	FALSE
0,146	0,304	0,004	0,008	0,192	FALSE
-0,028	0,300	-0,001	0,012	0,033	FALSE
0,104	0,315	0,004	0,012	0,131	FALSE
-0,154	0,297	-0,005	0,009	0,216	FALSE
0,065	0,320	0,002	0,007	0,087	FALSE
-0,073	0,295	-0,002	0,007	0,089	FALSE
-0,029	0,312	-0,001	0,008	0,029	FALSE
0,023	0,306	0,001	0,008	0,028	FALSE
0,027	0,304	0,001	0,013	0,022	FALSE
0,073	0,297	0,002	0,009	0,104	FALSE
-0,070	0,316	-0,003	0,010	0,122	FALSE
-0,039	0,316	-0,001	0,008	0,033	FALSE
0,054	0,305	0,003	0,012	0,097	FALSE
0,146	0,294	0,003	0,006	0,186	FALSE
-0,040	0,319	-0,001	0,007	0,029	FALSE
-0,217	0,302	-0,006	0,007	0,347	FALSE
0,000	0,303	0,000	0,012	0,003	FALSE
-0,038	0,306	-0,003	0,013	0,085	FALSE
0,159	0,299	0,004	0,008	0,252	FALSE
-0,107	0,293	-0,004	0,011	0,158	FALSE
0,042	0,288	0,001	0,007	0,058	FALSE
-0,036	0,305	-0,001	0,007	0,055	FALSE
0,035	0,308	0,001	0,006	0,049	FALSE
0,067	0,298	0,002	0,012	0,064	FALSE
0,059	0,293	0,001	0,007	0,074	FALSE
0,070	0,294	0,001	0,006	0,080	FALSE
0,001	0,293	0,000	0,008	0,012	FALSE
0,026	0,310	0,001	0,011	0,027	FALSE
0,023	0,302	0,001	0,010	0,030	FALSE
0,001	0,307	0,000	0,011	0,004	FALSE

-0,008	0,301	0,000	0,012	0,002	FALSE
-0,005	0,314	0,000	0,009	0,004	FALSE
0,094	0,291	0,002	0,007	0,105	FALSE
0,019	0,308	0,001	0,007	0,034	FALSE
-0,057	0,321	-0,002	0,010	0,077	FALSE
-0,072	0,322	-0,002	0,010	0,083	FALSE
0,046	0,293	0,000	0,010	0,010	FALSE
0,085	0,301	0,002	0,008	0,097	FALSE
-0,083	0,312	-0,002	0,007	0,121	FALSE
0,061	0,311	0,001	0,007	0,071	FALSE
-0,066	0,301	-0,002	0,010	0,088	FALSE
-0,079	0,311	-0,002	0,006	0,111	FALSE
0,030	0,316	0,002	0,012	0,048	FALSE
-0,017	0,309	0,000	0,007	0,002	FALSE
0,054	0,301	0,002	0,008	0,071	FALSE
0,168	0,314	0,005	0,010	0,215	FALSE
-0,114	0,319	-0,002	0,007	0,142	FALSE
0,042	0,310	0,001	0,008	0,046	FALSE
0,121	0,302	0,004	0,010	0,159	FALSE
-0,056	0,310	-0,001	0,006	0,081	FALSE
-0,059	0,318	-0,002	0,006	0,092	FALSE
0,042	0,294	0,002	0,012	0,046	FALSE
-0,031	0,311	-0,001	0,007	0,050	FALSE
-0,004	0,301	0,000	0,008	0,004	FALSE
0,102	0,308	0,004	0,012	0,138	FALSE
0,065	0,308	0,002	0,007	0,083	FALSE
-0,140	0,304	-0,007	0,013	0,211	FALSE
0,015	0,322	0,000	0,012	0,013	FALSE
0,022	0,300	0,001	0,011	0,027	FALSE
-0,031	0,301	-0,001	0,006	0,051	FALSE
0,067	0,298	0,002	0,007	0,098	FALSE
0,013	0,319	0,001	0,007	0,036	FALSE
0,157	0,305	0,005	0,010	0,225	FALSE
-0,019	0,307	-0,001	0,009	0,033	FALSE
-0,155	0,306	-0,003	0,007	0,209	FALSE
0,082	0,295	0,002	0,010	0,098	FALSE
-0,112	0,319	-0,005	0,013	0,147	FALSE
-0,162	0,303	-0,004	0,009	0,187	FALSE
0,006	0,299	0,000	0,008	0,001	FALSE
-0,052	0,306	-0,002	0,007	0,082	FALSE
-0,078	0,302	-0,002	0,008	0,093	FALSE
0,114	0,285	0,005	0,012	0,165	FALSE
-0,047	0,312	-0,002	0,012	0,052	FALSE
-0,010	0,317	0,000	0,010	0,012	FALSE
0,078	0,300	0,002	0,013	0,057	FALSE
0,035	0,308	0,001	0,011	0,049	FALSE
-0,129	0,296	-0,003	0,007	0,186	FALSE
0,117	0,285	0,002	0,006	0,112	FALSE
-0,070	0,318	-0,002	0,008	0,076	FALSE
0,082	0,309	0,002	0,011	0,066	FALSE
0,129	0,321	0,004	0,010	0,140	FALSE
0,104	0,292	0,003	0,009	0,148	FALSE
-0,030	0,309	-0,001	0,012	0,035	FALSE

0,051	0,326	0,002	0,013	0,069	FALSE
-0,043	0,294	-0,001	0,008	0,066	FALSE
-0,090	0,299	-0,003	0,011	0,100	FALSE
-0,113	0,292	-0,004	0,010	0,143	FALSE
-0,009	0,296	0,000	0,009	0,013	FALSE
0,002	0,314	0,000	0,008	0,004	FALSE
0,028	0,299	0,001	0,011	0,016	FALSE
0,025	0,305	0,000	0,011	0,014	FALSE
0,155	0,318	0,006	0,013	0,192	FALSE
0,063	0,310	0,003	0,010	0,110	FALSE
-0,054	0,296	-0,002	0,011	0,079	FALSE
-0,077	0,308	-0,002	0,007	0,099	FALSE
-0,088	0,308	-0,004	0,013	0,105	FALSE
-0,050	0,288	-0,002	0,009	0,097	FALSE
-0,037	0,302	-0,001	0,007	0,051	FALSE
-0,040	0,295	-0,001	0,006	0,043	FALSE
0,112	0,310	0,003	0,007	0,160	FALSE
-0,015	0,313	-0,001	0,011	0,024	FALSE
0,075	0,312	0,002	0,008	0,093	FALSE
0,062	0,290	0,001	0,007	0,066	FALSE
-0,118	0,307	-0,003	0,007	0,145	FALSE
-0,044	0,304	-0,001	0,006	0,049	FALSE
-0,199	0,292	-0,005	0,009	0,274	FALSE
-0,090	0,307	-0,002	0,007	0,110	FALSE
0,195	0,288	0,005	0,007	0,281	FALSE
-0,008	0,316	0,000	0,009	0,005	FALSE
-0,060	0,317	-0,003	0,013	0,084	FALSE
-0,121	0,302	-0,005	0,012	0,178	FALSE
0,122	0,289	0,004	0,012	0,140	FALSE
-0,120	0,300	-0,002	0,006	0,157	FALSE
-0,152	0,289	-0,007	0,013	0,238	FALSE
0,093	0,303	0,002	0,007	0,110	FALSE
0,081	0,302	0,002	0,007	0,095	FALSE
-0,052	0,308	-0,001	0,007	0,055	FALSE
0,036	0,315	0,001	0,009	0,058	FALSE
0,007	0,305	-0,001	0,011	0,017	FALSE
-0,114	0,310	-0,002	0,007	0,139	FALSE
0,045	0,315	0,001	0,012	0,041	FALSE
0,046	0,303	0,001	0,007	0,044	FALSE
0,052	0,305	0,001	0,006	0,070	FALSE
-0,096	0,308	-0,003	0,012	0,109	FALSE
0,056	0,313	0,002	0,008	0,078	FALSE
0,117	0,311	0,004	0,010	0,149	FALSE
-0,080	0,299	-0,003	0,009	0,122	FALSE
-0,168	0,281	-0,007	0,011	0,291	FALSE
-0,160	0,293	-0,008	0,012	0,271	FALSE
-0,102	0,306	-0,005	0,013	0,161	FALSE
-0,043	0,309	-0,001	0,007	0,074	FALSE
-0,055	0,295	-0,002	0,009	0,085	FALSE
0,073	0,301	0,004	0,013	0,111	FALSE
0,177	0,290	0,004	0,007	0,258	FALSE
0,060	0,318	0,002	0,011	0,080	FALSE
0,008	0,312	0,000	0,007	0,016	FALSE

-0,049	0,317	-0,002	0,011	0,051	FALSE
0,201	0,299	0,006	0,008	0,334	FALSE
-0,056	0,300	-0,002	0,010	0,060	FALSE
-0,088	0,292	-0,003	0,010	0,130	FALSE
0,000	0,304	0,000	0,007	0,019	FALSE
-0,108	0,302	-0,004	0,013	0,137	FALSE
-0,058	0,306	-0,002	0,010	0,073	FALSE
-0,066	0,320	-0,002	0,008	0,073	FALSE
0,017	0,309	0,000	0,013	0,001	FALSE
0,017	0,305	0,000	0,012	0,001	FALSE
-0,120	0,304	-0,003	0,009	0,144	FALSE
-0,005	0,307	-0,001	0,010	0,018	FALSE
-0,076	0,318	-0,003	0,013	0,097	FALSE
0,016	0,324	0,000	0,013	0,000	FALSE
-0,027	0,296	-0,001	0,006	0,040	FALSE
-0,063	0,293	-0,002	0,011	0,054	FALSE
-0,056	0,317	-0,001	0,008	0,046	FALSE
0,029	0,294	0,001	0,008	0,056	FALSE
0,019	0,310	0,001	0,007	0,030	FALSE
-0,035	0,293	-0,001	0,011	0,038	FALSE
0,086	0,304	0,003	0,011	0,107	FALSE
0,061	0,300	0,001	0,007	0,068	FALSE
0,120	0,287	0,005	0,012	0,158	FALSE
-0,062	0,310	-0,002	0,007	0,094	FALSE
0,047	0,296	0,001	0,007	0,040	FALSE
-0,048	0,302	-0,001	0,010	0,044	FALSE
-0,025	0,305	0,000	0,010	0,004	FALSE
0,171	0,298	0,006	0,011	0,255	FALSE
-0,086	0,308	-0,002	0,007	0,114	FALSE
0,085	0,290	0,002	0,007	0,111	FALSE
-0,011	0,307	0,000	0,007	0,002	FALSE
-0,078	0,327	-0,002	0,008	0,096	FALSE
-0,019	0,299	0,000	0,010	0,017	FALSE
-0,063	0,310	-0,001	0,007	0,072	FALSE
0,075	0,305	0,002	0,010	0,090	FALSE
0,083	0,310	0,001	0,008	0,068	FALSE
0,001	0,294	0,000	0,010	0,002	FALSE
-0,034	0,320	0,000	0,007	0,012	FALSE
0,072	0,306	0,002	0,011	0,062	FALSE
-0,149	0,313	-0,006	0,013	0,184	FALSE
0,225	0,302	0,007	0,010	0,347	FALSE
-0,021	0,309	0,000	0,008	0,006	FALSE
0,030	0,320	0,001	0,011	0,025	FALSE
0,124	0,311	0,004	0,009	0,179	FALSE
-0,028	0,312	-0,001	0,008	0,034	FALSE
0,009	0,306	0,000	0,007	0,019	FALSE
-0,106	0,295	-0,002	0,006	0,147	FALSE
0,096	0,306	0,002	0,007	0,125	FALSE
-0,139	0,301	-0,004	0,010	0,147	FALSE
0,067	0,302	0,002	0,010	0,080	FALSE
-0,078	0,314	-0,002	0,006	0,100	FALSE
-0,061	0,310	-0,001	0,007	0,063	FALSE
-0,067	0,298	-0,002	0,007	0,113	FALSE

0,075	0,307	0,003	0,010	0,123	FALSE
-0,013	0,323	0,000	0,011	0,007	FALSE
0,014	0,323	0,001	0,008	0,026	FALSE
0,017	0,321	0,001	0,008	0,035	FALSE
0,035	0,319	0,001	0,013	0,038	FALSE
-0,225	0,314	-0,006	0,009	0,336	FALSE
0,083	0,304	0,003	0,008	0,127	FALSE
0,032	0,308	0,001	0,012	0,019	FALSE
-0,014	0,301	0,000	0,006	0,011	FALSE
0,063	0,302	0,003	0,011	0,098	FALSE
0,056	0,314	0,002	0,011	0,052	FALSE
-0,002	0,300	0,000	0,008	0,003	FALSE
-0,017	0,298	0,000	0,008	0,012	FALSE
-0,014	0,314	0,000	0,007	0,001	FALSE
0,006	0,300	0,000	0,008	0,002	FALSE
0,139	0,307	0,004	0,009	0,197	FALSE
0,003	0,308	0,000	0,007	0,009	FALSE
-0,040	0,311	-0,001	0,007	0,060	FALSE
0,141	0,298	0,005	0,009	0,212	FALSE
-0,021	0,318	0,000	0,012	0,014	FALSE
0,131	0,320	0,003	0,007	0,158	FALSE
0,045	0,307	0,001	0,007	0,053	FALSE
0,083	0,303	0,002	0,010	0,079	FALSE
-0,044	0,313	-0,001	0,008	0,048	FALSE
-0,094	0,318	-0,004	0,011	0,134	FALSE
-0,045	0,300	-0,001	0,011	0,018	FALSE
-0,015	0,312	0,000	0,012	0,011	FALSE
0,075	0,311	0,003	0,010	0,106	FALSE
-0,145	0,320	-0,004	0,008	0,192	FALSE
-0,041	0,299	-0,001	0,010	0,043	FALSE
0,053	0,311	0,002	0,009	0,069	FALSE
-0,112	0,295	-0,005	0,012	0,182	FALSE
0,158	0,288	0,005	0,008	0,269	FALSE
0,002	0,307	0,000	0,010	0,009	FALSE
0,070	0,312	0,001	0,008	0,065	FALSE
-0,076	0,298	-0,002	0,007	0,110	FALSE
0,045	0,313	0,001	0,007	0,081	FALSE
-0,045	0,311	-0,001	0,008	0,043	FALSE
0,062	0,316	0,001	0,008	0,035	FALSE
0,093	0,316	0,003	0,007	0,139	FALSE
0,050	0,297	0,001	0,009	0,061	FALSE
0,006	0,302	0,000	0,007	0,004	FALSE
0,059	0,293	0,002	0,011	0,057	FALSE
-0,019	0,309	-0,001	0,010	0,034	FALSE
0,137	0,306	0,004	0,010	0,144	FALSE
-0,104	0,301	-0,003	0,010	0,123	FALSE
0,041	0,317	0,001	0,007	0,042	FALSE
-0,047	0,324	-0,001	0,008	0,065	FALSE
-0,096	0,303	-0,004	0,011	0,169	FALSE
-0,037	0,294	-0,001	0,006	0,061	FALSE
0,064	0,289	0,001	0,010	0,054	FALSE
0,090	0,307	0,002	0,006	0,148	FALSE
0,081	0,309	0,004	0,011	0,139	FALSE

-0,063	0,289	-0,003	0,012	0,093	FALSE
-0,043	0,297	-0,002	0,013	0,069	FALSE
-0,106	0,278	-0,003	0,009	0,145	FALSE
-0,079	0,311	-0,002	0,008	0,106	FALSE
-0,138	0,313	-0,002	0,007	0,149	FALSE
0,016	0,316	0,001	0,008	0,029	FALSE
0,076	0,301	0,002	0,007	0,084	FALSE
0,064	0,315	0,002	0,010	0,076	FALSE
-0,072	0,291	-0,003	0,010	0,118	FALSE
0,123	0,300	0,003	0,007	0,157	FALSE
-0,066	0,291	-0,003	0,010	0,108	FALSE
-0,001	0,300	0,000	0,007	0,000	FALSE
-0,009	0,310	-0,001	0,012	0,023	FALSE
-0,004	0,296	0,000	0,011	0,012	FALSE
0,100	0,297	0,002	0,007	0,127	FALSE
-0,088	0,305	-0,004	0,013	0,131	FALSE
-0,028	0,325	0,000	0,009	0,018	FALSE
0,070	0,325	0,001	0,007	0,063	FALSE
0,009	0,313	0,000	0,010	0,016	FALSE
-0,033	0,306	-0,001	0,009	0,052	FALSE
-0,086	0,301	-0,003	0,010	0,129	FALSE
-0,136	0,310	-0,003	0,006	0,197	FALSE
0,010	0,307	0,001	0,011	0,027	FALSE
0,006	0,315	0,000	0,012	0,013	FALSE
0,058	0,306	0,002	0,013	0,048	FALSE
0,030	0,306	0,000	0,011	0,015	FALSE
0,014	0,315	0,000	0,009	0,014	FALSE
-0,030	0,287	-0,001	0,010	0,022	FALSE
-0,062	0,308	-0,001	0,007	0,067	FALSE
0,090	0,287	0,003	0,009	0,135	FALSE
-0,005	0,312	0,000	0,012	0,011	FALSE
-0,016	0,311	0,000	0,009	0,002	FALSE
0,241	0,289	0,005	0,007	0,364	FALSE
-0,074	0,309	-0,002	0,009	0,103	FALSE
-0,107	0,308	-0,003	0,009	0,158	FALSE
0,120	0,301	0,005	0,013	0,137	FALSE
-0,160	0,308	-0,004	0,008	0,216	FALSE
-0,154	0,295	-0,006	0,013	0,203	FALSE
0,073	0,299	0,003	0,012	0,092	FALSE
0,061	0,315	0,002	0,007	0,092	FALSE
0,045	0,319	0,001	0,008	0,063	FALSE
0,055	0,304	0,001	0,007	0,082	FALSE
0,011	0,309	0,000	0,007	0,026	FALSE
0,136	0,302	0,003	0,008	0,182	FALSE
-0,103	0,283	-0,003	0,008	0,142	FALSE
-0,012	0,297	-0,002	0,011	0,048	FALSE
-0,077	0,302	-0,003	0,010	0,101	FALSE
0,044	0,321	0,002	0,012	0,056	FALSE
0,105	0,299	0,005	0,012	0,153	FALSE
-0,018	0,308	-0,001	0,011	0,028	FALSE
-0,025	0,310	-0,001	0,012	0,029	FALSE
0,203	0,287	0,005	0,008	0,299	FALSE
-0,070	0,303	-0,002	0,008	0,094	FALSE

0,178	0,292	0,005	0,008	0,267	FALSE
0,135	0,299	0,005	0,009	0,218	FALSE
-0,020	0,299	-0,001	0,008	0,027	FALSE
-0,159	0,309	-0,004	0,008	0,211	FALSE
-0,061	0,302	-0,002	0,010	0,062	FALSE
0,041	0,313	0,001	0,007	0,082	FALSE
-0,020	0,301	-0,001	0,011	0,039	FALSE
-0,024	0,298	0,000	0,012	0,013	FALSE
-0,041	0,310	-0,001	0,007	0,029	FALSE
-0,111	0,313	-0,003	0,008	0,150	FALSE
0,072	0,300	0,002	0,012	0,077	FALSE
0,104	0,315	0,003	0,009	0,148	FALSE
0,015	0,303	0,000	0,012	0,011	FALSE
0,058	0,308	0,001	0,007	0,070	FALSE
-0,047	0,313	-0,002	0,012	0,052	FALSE
-0,006	0,316	0,000	0,008	0,012	FALSE
-0,089	0,311	-0,003	0,011	0,104	FALSE
-0,036	0,297	-0,001	0,011	0,031	FALSE
-0,033	0,313	-0,002	0,013	0,044	FALSE
0,010	0,291	0,000	0,007	0,006	FALSE
0,086	0,321	0,003	0,009	0,124	FALSE
-0,022	0,322	0,000	0,009	0,002	FALSE
0,038	0,310	0,001	0,009	0,044	FALSE
0,187	0,298	0,005	0,007	0,309	FALSE
-0,060	0,308	-0,002	0,007	0,094	FALSE
0,083	0,295	0,003	0,010	0,117	FALSE
-0,073	0,299	-0,002	0,013	0,068	FALSE
-0,043	0,301	-0,001	0,013	0,018	FALSE
-0,024	0,306	-0,001	0,011	0,026	FALSE
0,189	0,299	0,006	0,010	0,270	FALSE
0,073	0,295	0,002	0,010	0,096	FALSE
0,024	0,307	0,001	0,011	0,016	FALSE
-0,081	0,300	-0,004	0,012	0,143	FALSE
-0,020	0,306	-0,001	0,009	0,041	FALSE
-0,136	0,304	-0,002	0,006	0,156	FALSE
-0,023	0,313	0,000	0,011	0,017	FALSE
-0,121	0,302	-0,003	0,007	0,175	FALSE
0,002	0,309	0,000	0,010	0,003	FALSE
0,009	0,311	0,000	0,008	0,011	FALSE
0,038	0,300	0,002	0,012	0,064	FALSE
-0,043	0,332	-0,002	0,010	0,074	FALSE
-0,028	0,304	-0,001	0,009	0,050	FALSE
0,009	0,302	0,001	0,010	0,029	FALSE
0,022	0,318	0,000	0,010	0,004	FALSE
0,005	0,300	0,000	0,012	0,011	FALSE
-0,018	0,307	-0,001	0,011	0,026	FALSE
-0,044	0,290	-0,001	0,011	0,031	FALSE
-0,107	0,306	-0,003	0,011	0,102	FALSE
0,027	0,310	0,001	0,007	0,026	FALSE
-0,017	0,307	0,000	0,009	0,008	FALSE
-0,092	0,300	-0,003	0,008	0,138	FALSE
-0,024	0,298	-0,001	0,011	0,025	FALSE
0,074	0,303	0,003	0,010	0,106	FALSE

-0,004	0,316	0,000	0,013	0,005	FALSE
0,040	0,303	0,001	0,007	0,062	FALSE
-0,179	0,292	-0,006	0,010	0,273	FALSE
0,073	0,301	0,003	0,012	0,093	FALSE
0,073	0,287	0,001	0,007	0,063	FALSE
0,070	0,310	0,002	0,006	0,095	FALSE
0,003	0,313	0,000	0,013	0,006	FALSE
0,022	0,311	0,001	0,007	0,041	FALSE
0,000	0,327	0,000	0,007	0,009	FALSE
-0,043	0,309	-0,002	0,010	0,083	FALSE
-0,023	0,321	-0,001	0,010	0,047	FALSE
-0,075	0,301	-0,002	0,010	0,093	FALSE
0,027	0,293	0,001	0,012	0,022	FALSE
0,008	0,305	0,000	0,013	0,007	FALSE
0,000	0,323	0,000	0,009	0,003	FALSE
-0,037	0,292	-0,001	0,008	0,046	FALSE
-0,119	0,309	-0,004	0,009	0,198	FALSE
0,141	0,298	0,006	0,012	0,214	FALSE
-0,033	0,311	-0,001	0,010	0,045	FALSE
-0,056	0,307	-0,001	0,009	0,052	FALSE
-0,058	0,304	-0,002	0,008	0,074	FALSE
0,134	0,308	0,003	0,007	0,210	FALSE
0,011	0,310	0,000	0,007	0,002	FALSE
0,024	0,307	0,000	0,007	0,022	FALSE
-0,085	0,303	-0,002	0,007	0,108	FALSE
0,121	0,300	0,003	0,006	0,192	FALSE
0,015	0,307	0,001	0,012	0,032	FALSE
0,038	0,315	0,001	0,006	0,070	FALSE
-0,021	0,316	-0,001	0,013	0,023	FALSE
0,009	0,313	0,000	0,012	0,004	FALSE
-0,131	0,321	-0,005	0,013	0,150	FALSE
0,070	0,294	0,003	0,011	0,092	FALSE
0,011	0,301	0,000	0,007	0,005	FALSE
0,017	0,310	0,000	0,007	0,005	FALSE
-0,133	0,302	-0,004	0,010	0,153	FALSE
0,013	0,296	0,000	0,007	0,010	FALSE
-0,059	0,331	-0,003	0,013	0,075	FALSE
-0,105	0,307	-0,004	0,011	0,164	FALSE
-0,069	0,288	-0,002	0,007	0,090	FALSE
0,040	0,307	0,001	0,009	0,059	FALSE
-0,061	0,315	-0,002	0,008	0,093	FALSE
0,057	0,308	0,002	0,009	0,076	FALSE
-0,091	0,302	-0,002	0,006	0,107	FALSE
-0,022	0,311	0,000	0,008	0,016	FALSE
0,014	0,291	0,001	0,010	0,045	FALSE
0,013	0,308	0,000	0,013	0,002	FALSE
0,084	0,310	0,004	0,012	0,121	FALSE
-0,084	0,296	-0,003	0,008	0,127	FALSE
-0,057	0,313	-0,002	0,008	0,085	FALSE
-0,150	0,291	-0,003	0,006	0,216	FALSE
0,033	0,294	0,001	0,006	0,057	FALSE
-0,080	0,322	-0,003	0,011	0,107	FALSE
-0,017	0,309	-0,001	0,010	0,044	FALSE

0,131	0,302	0,005	0,013	0,175	FALSE
0,026	0,306	0,001	0,010	0,037	FALSE
0,069	0,304	0,002	0,010	0,079	FALSE
-0,129	0,318	-0,005	0,013	0,154	FALSE
0,054	0,317	0,002	0,012	0,075	FALSE
0,091	0,316	0,002	0,007	0,123	FALSE
0,140	0,296	0,003	0,007	0,185	FALSE
0,177	0,302	0,007	0,013	0,224	FALSE
-0,112	0,313	-0,003	0,008	0,151	FALSE
-0,089	0,314	-0,003	0,008	0,127	FALSE
-0,015	0,307	0,000	0,011	0,011	FALSE
-0,169	0,309	-0,005	0,009	0,267	FALSE
0,047	0,315	0,001	0,008	0,053	FALSE
0,137	0,298	0,006	0,012	0,193	FALSE
0,024	0,317	0,001	0,008	0,046	FALSE
0,006	0,313	0,001	0,011	0,030	FALSE
0,136	0,293	0,004	0,008	0,181	FALSE
-0,020	0,311	-0,001	0,013	0,026	FALSE
0,038	0,318	0,001	0,007	0,049	FALSE
-0,007	0,304	0,000	0,009	0,010	FALSE
0,047	0,303	0,001	0,008	0,052	FALSE
0,030	0,310	0,001	0,010	0,053	FALSE
-0,121	0,327	-0,003	0,007	0,165	FALSE
-0,202	0,312	-0,005	0,008	0,309	FALSE
0,018	0,307	0,000	0,008	0,004	FALSE
0,077	0,302	0,004	0,012	0,122	FALSE
0,130	0,303	0,003	0,007	0,176	FALSE
-0,097	0,296	-0,004	0,010	0,135	FALSE
0,009	0,315	0,000	0,007	0,021	FALSE
-0,145	0,300	-0,003	0,008	0,179	FALSE
0,009	0,297	0,000	0,012	0,010	FALSE
-0,067	0,303	-0,002	0,009	0,079	FALSE
0,088	0,314	0,003	0,012	0,105	FALSE
0,022	0,321	0,001	0,009	0,029	FALSE
0,124	0,313	0,003	0,008	0,159	FALSE
0,085	0,306	0,005	0,013	0,147	FALSE
-0,017	0,316	0,000	0,013	0,009	FALSE
0,036	0,316	0,001	0,009	0,049	FALSE
0,095	0,324	0,002	0,008	0,109	FALSE
-0,007	0,323	-0,001	0,009	0,028	FALSE
-0,205	0,313	-0,004	0,006	0,292	FALSE
0,035	0,298	0,001	0,009	0,038	FALSE
0,011	0,301	0,001	0,012	0,016	FALSE
0,111	0,309	0,004	0,009	0,154	FALSE
-0,033	0,312	-0,001	0,006	0,064	FALSE
-0,107	0,290	-0,006	0,013	0,196	FALSE
-0,080	0,291	-0,005	0,012	0,146	FALSE
-0,011	0,308	0,000	0,010	0,006	FALSE
-0,044	0,317	-0,002	0,011	0,052	FALSE
0,119	0,300	0,005	0,013	0,172	FALSE
-0,084	0,302	-0,002	0,007	0,112	FALSE
-0,177	0,298	-0,005	0,008	0,240	FALSE
0,072	0,312	0,003	0,013	0,089	FALSE

0,015	0,297	0,001	0,013	0,028	FALSE
0,018	0,316	0,000	0,007	0,014	FALSE
-0,082	0,305	-0,002	0,007	0,108	FALSE
-0,064	0,317	-0,002	0,009	0,084	FALSE
-0,034	0,317	-0,002	0,013	0,047	FALSE
-0,010	0,305	-0,001	0,012	0,015	FALSE
-0,019	0,300	-0,001	0,012	0,021	FALSE
0,011	0,306	0,001	0,007	0,059	FALSE
0,005	0,304	0,000	0,007	0,004	FALSE
0,020	0,302	0,000	0,008	0,021	FALSE
0,189	0,293	0,007	0,012	0,271	FALSE
-0,010	0,307	-0,001	0,010	0,036	FALSE
0,131	0,310	0,002	0,006	0,163	FALSE
0,058	0,301	0,001	0,007	0,075	FALSE
0,058	0,303	0,002	0,007	0,094	FALSE
0,007	0,302	0,000	0,006	0,019	FALSE
-0,120	0,306	-0,005	0,012	0,167	FALSE
-0,041	0,302	-0,002	0,010	0,073	FALSE
-0,019	0,306	-0,001	0,012	0,024	FALSE
0,030	0,290	0,001	0,011	0,036	FALSE
-0,017	0,304	-0,001	0,012	0,023	FALSE
-0,012	0,320	-0,001	0,010	0,027	FALSE
0,074	0,308	0,002	0,010	0,083	FALSE
0,056	0,318	0,002	0,009	0,073	FALSE
0,061	0,298	0,004	0,013	0,108	FALSE
0,043	0,305	0,001	0,010	0,038	FALSE
0,014	0,295	0,000	0,006	0,014	FALSE
0,153	0,311	0,003	0,007	0,185	FALSE
-0,075	0,300	-0,002	0,010	0,083	FALSE
0,150	0,309	0,004	0,007	0,219	FALSE
-0,068	0,295	-0,002	0,009	0,100	FALSE
-0,032	0,320	-0,001	0,009	0,042	FALSE
0,019	0,315	0,001	0,010	0,028	FALSE
0,076	0,318	0,004	0,013	0,112	FALSE
0,068	0,301	0,004	0,011	0,132	FALSE
0,059	0,302	0,001	0,007	0,067	FALSE
-0,043	0,312	-0,002	0,009	0,066	FALSE
0,064	0,299	0,002	0,007	0,120	FALSE
0,014	0,300	0,000	0,008	0,008	FALSE
0,003	0,308	0,001	0,007	0,030	FALSE
0,057	0,306	0,002	0,007	0,093	FALSE
-0,054	0,306	-0,001	0,007	0,074	FALSE
-0,073	0,321	-0,002	0,007	0,098	FALSE
0,114	0,317	0,004	0,012	0,122	FALSE
0,018	0,300	0,000	0,007	0,009	FALSE
0,147	0,305	0,004	0,009	0,200	FALSE
-0,092	0,312	-0,002	0,007	0,137	FALSE
-0,068	0,307	-0,002	0,007	0,084	FALSE
0,072	0,308	0,002	0,006	0,104	FALSE
-0,097	0,308	-0,003	0,007	0,146	FALSE
0,031	0,315	0,002	0,012	0,066	FALSE
0,034	0,301	0,001	0,012	0,035	FALSE
0,033	0,307	0,000	0,008	0,016	FALSE

0,017	0,309	0,001	0,010	0,029	FALSE
0,051	0,299	0,003	0,013	0,077	FALSE
0,020	0,305	0,000	0,010	0,009	FALSE
0,015	0,303	0,001	0,011	0,019	FALSE
-0,005	0,310	0,001	0,008	0,023	FALSE
0,129	0,311	0,003	0,007	0,163	FALSE
-0,015	0,295	0,000	0,011	0,011	FALSE
0,056	0,299	0,002	0,010	0,070	FALSE
0,028	0,317	0,001	0,007	0,042	FALSE
-0,063	0,319	-0,001	0,007	0,071	FALSE
-0,198	0,285	-0,006	0,009	0,291	FALSE
-0,178	0,290	-0,006	0,009	0,275	FALSE
0,000	0,298	0,000	0,007	0,008	FALSE
0,021	0,311	0,000	0,007	0,020	FALSE
-0,057	0,314	-0,003	0,011	0,088	FALSE
-0,031	0,306	-0,002	0,011	0,067	FALSE
-0,027	0,304	-0,002	0,009	0,060	FALSE
-0,080	0,295	-0,002	0,007	0,109	FALSE
0,133	0,300	0,004	0,010	0,187	FALSE
-0,099	0,315	-0,004	0,013	0,141	FALSE
0,174	0,298	0,005	0,009	0,248	FALSE
-0,128	0,300	-0,003	0,007	0,136	FALSE
-0,073	0,302	-0,004	0,012	0,114	FALSE
0,000	0,314	0,000	0,011	0,015	FALSE
-0,068	0,311	-0,004	0,013	0,114	FALSE
-0,161	0,317	-0,003	0,007	0,195	FALSE
0,087	0,309	0,003	0,008	0,118	FALSE
-0,040	0,317	-0,002	0,011	0,057	FALSE
0,102	0,298	0,003	0,008	0,136	FALSE
-0,058	0,296	-0,001	0,007	0,035	FALSE
-0,043	0,312	-0,001	0,007	0,060	FALSE
0,030	0,302	0,001	0,008	0,040	FALSE
-0,060	0,309	-0,002	0,012	0,067	FALSE
0,048	0,310	0,002	0,008	0,075	FALSE
-0,018	0,308	-0,001	0,007	0,042	FALSE
0,075	0,304	0,002	0,006	0,113	FALSE
0,089	0,306	0,003	0,012	0,115	FALSE
0,047	0,313	0,002	0,011	0,058	FALSE
-0,044	0,308	-0,001	0,008	0,056	FALSE
0,083	0,314	0,004	0,012	0,124	FALSE
0,006	0,306	0,001	0,008	0,026	FALSE
-0,015	0,307	0,000	0,009	0,018	FALSE
-0,050	0,305	-0,001	0,007	0,042	FALSE
0,032	0,306	0,001	0,011	0,037	FALSE
-0,047	0,308	-0,001	0,008	0,040	FALSE
-0,049	0,311	-0,001	0,009	0,042	FALSE
0,111	0,301	0,005	0,012	0,172	FALSE
0,002	0,303	0,000	0,007	0,002	FALSE
-0,009	0,301	-0,001	0,006	0,029	FALSE
-0,027	0,311	-0,002	0,012	0,068	FALSE
0,072	0,304	0,003	0,010	0,092	FALSE
-0,058	0,302	-0,001	0,007	0,051	FALSE
0,046	0,297	0,001	0,008	0,063	FALSE

0,027	0,304	0,001	0,012	0,034	FALSE
0,040	0,286	0,001	0,011	0,032	FALSE
-0,102	0,305	-0,003	0,008	0,140	FALSE
-0,087	0,308	-0,003	0,013	0,097	FALSE
0,009	0,300	0,000	0,007	0,004	FALSE
0,018	0,311	0,001	0,009	0,030	FALSE
0,138	0,300	0,004	0,011	0,165	FALSE
0,115	0,298	0,002	0,006	0,125	FALSE
0,001	0,308	0,000	0,012	0,000	FALSE
0,034	0,317	0,001	0,008	0,052	FALSE
-0,156	0,310	-0,006	0,011	0,225	FALSE
0,056	0,310	0,002	0,010	0,064	FALSE
-0,051	0,305	-0,001	0,007	0,069	FALSE
-0,125	0,292	-0,006	0,012	0,200	FALSE
0,145	0,304	0,004	0,009	0,201	FALSE
0,043	0,311	0,002	0,012	0,055	FALSE
0,131	0,310	0,003	0,007	0,196	FALSE
0,040	0,312	0,001	0,009	0,057	FALSE
0,080	0,319	0,002	0,007	0,118	FALSE
0,111	0,319	0,003	0,009	0,139	FALSE
-0,060	0,307	-0,001	0,007	0,075	FALSE
-0,019	0,321	-0,001	0,014	0,020	FALSE
0,002	0,314	-0,001	0,011	0,023	FALSE
0,048	0,329	0,003	0,013	0,081	FALSE
-0,013	0,304	0,000	0,007	0,026	FALSE
-0,053	0,326	-0,001	0,009	0,041	FALSE
0,083	0,301	0,002	0,008	0,123	FALSE
0,070	0,307	0,002	0,008	0,093	FALSE
0,057	0,301	0,001	0,007	0,052	FALSE
-0,017	0,311	0,000	0,008	0,002	FALSE
0,020	0,311	0,001	0,007	0,030	FALSE
0,022	0,297	0,000	0,007	0,023	FALSE
-0,009	0,297	0,000	0,007	0,007	FALSE
0,041	0,315	0,002	0,013	0,053	FALSE
0,041	0,305	0,001	0,013	0,028	FALSE
0,040	0,312	0,001	0,010	0,050	FALSE
0,007	0,309	0,001	0,010	0,022	FALSE
-0,089	0,295	-0,003	0,010	0,134	FALSE
0,014	0,310	0,001	0,010	0,025	FALSE
0,186	0,305	0,004	0,006	0,242	FALSE
0,164	0,305	0,007	0,012	0,266	FALSE
0,092	0,311	0,004	0,012	0,131	FALSE
-0,086	0,300	-0,002	0,007	0,103	FALSE
-0,090	0,298	-0,003	0,009	0,128	FALSE
-0,102	0,326	-0,003	0,010	0,108	FALSE
0,015	0,309	0,000	0,011	0,001	FALSE
0,077	0,317	0,003	0,013	0,092	FALSE
-0,147	0,296	-0,004	0,008	0,234	FALSE
0,119	0,304	0,003	0,007	0,191	FALSE
0,026	0,301	0,001	0,008	0,058	FALSE
-0,008	0,306	0,001	0,013	0,024	FALSE
0,026	0,321	0,001	0,008	0,027	FALSE
-0,021	0,321	-0,002	0,013	0,041	FALSE

-0,004	0,308	-0,001	0,012	0,027	FALSE
-0,144	0,299	-0,006	0,013	0,180	FALSE
-0,053	0,297	0,000	0,010	0,014	FALSE
0,027	0,310	0,001	0,008	0,063	FALSE
-0,013	0,290	-0,001	0,009	0,035	FALSE
0,008	0,310	0,000	0,008	0,000	FALSE
0,005	0,312	-0,001	0,013	0,029	FALSE
-0,002	0,300	0,000	0,007	0,006	FALSE
0,106	0,313	0,004	0,010	0,167	FALSE
0,088	0,311	0,003	0,013	0,100	FALSE
0,053	0,298	0,001	0,009	0,027	FALSE
0,181	0,311	0,004	0,007	0,235	FALSE
-0,007	0,316	-0,001	0,011	0,018	FALSE
-0,064	0,308	-0,001	0,007	0,075	FALSE
-0,114	0,306	-0,003	0,007	0,169	FALSE
-0,100	0,297	-0,003	0,008	0,135	FALSE
-0,122	0,302	-0,004	0,008	0,188	FALSE
-0,074	0,303	-0,004	0,013	0,113	FALSE
-0,145	0,285	-0,005	0,009	0,242	FALSE
-0,006	0,306	0,000	0,009	0,013	FALSE
0,040	0,316	0,001	0,007	0,025	FALSE
0,079	0,312	0,003	0,010	0,109	FALSE
0,074	0,304	0,003	0,010	0,094	FALSE
0,066	0,314	0,001	0,007	0,054	FALSE
0,144	0,303	0,005	0,010	0,212	FALSE
-0,063	0,315	-0,003	0,012	0,086	FALSE
-0,030	0,294	-0,001	0,011	0,040	FALSE
-0,042	0,287	-0,001	0,012	0,036	FALSE
0,031	0,294	0,000	0,011	0,014	FALSE
0,073	0,315	0,004	0,013	0,108	FALSE
0,031	0,288	0,001	0,009	0,045	FALSE
-0,047	0,296	-0,002	0,013	0,069	FALSE
0,014	0,312	0,000	0,009	0,011	FALSE
0,136	0,298	0,005	0,011	0,192	FALSE
0,057	0,311	0,001	0,008	0,059	FALSE
-0,043	0,308	-0,001	0,007	0,049	FALSE
-0,037	0,320	-0,002	0,013	0,055	FALSE
-0,030	0,306	-0,001	0,009	0,028	FALSE
-0,034	0,304	-0,001	0,006	0,045	FALSE
-0,072	0,303	-0,002	0,010	0,074	FALSE
-0,059	0,298	-0,002	0,007	0,078	FALSE
-0,056	0,296	-0,001	0,010	0,047	FALSE
0,033	0,318	0,001	0,009	0,027	FALSE
0,086	0,305	0,005	0,012	0,157	FALSE
0,063	0,310	0,002	0,013	0,073	FALSE
0,032	0,313	0,001	0,012	0,034	FALSE
-0,069	0,303	-0,002	0,009	0,070	FALSE
-0,155	0,292	-0,004	0,007	0,225	FALSE
0,047	0,305	0,001	0,012	0,039	FALSE
0,069	0,287	0,001	0,008	0,060	FALSE
0,003	0,303	0,001	0,012	0,039	FALSE
-0,034	0,305	0,000	0,012	0,008	FALSE
-0,029	0,307	0,000	0,006	0,025	FALSE

0,014	0,327	0,000	0,008	0,012	FALSE
0,048	0,306	0,002	0,012	0,075	FALSE
0,047	0,309	0,002	0,010	0,070	FALSE
-0,065	0,315	-0,003	0,012	0,100	FALSE
-0,086	0,268	-0,004	0,012	0,121	FALSE
0,137	0,302	0,005	0,012	0,182	FALSE
-0,024	0,308	0,000	0,007	0,015	FALSE
0,121	0,303	0,004	0,009	0,159	FALSE
0,058	0,305	0,002	0,011	0,087	FALSE
0,029	0,308	0,001	0,009	0,047	FALSE
0,162	0,294	0,005	0,008	0,234	FALSE
-0,072	0,308	-0,002	0,007	0,080	FALSE
0,064	0,309	0,002	0,007	0,090	FALSE
-0,159	0,294	-0,004	0,008	0,221	FALSE
-0,047	0,290	-0,001	0,007	0,031	FALSE
-0,028	0,309	-0,001	0,010	0,037	FALSE
-0,069	0,300	-0,002	0,008	0,076	FALSE
-0,032	0,311	-0,001	0,007	0,033	FALSE
0,085	0,314	0,003	0,011	0,109	FALSE
0,017	0,315	0,000	0,012	0,014	FALSE
0,036	0,296	0,000	0,007	0,021	FALSE
0,033	0,307	0,001	0,013	0,025	FALSE
-0,044	0,305	-0,002	0,012	0,064	FALSE
-0,033	0,302	-0,001	0,008	0,040	FALSE
0,032	0,298	0,000	0,006	0,015	FALSE
0,013	0,309	0,001	0,010	0,030	FALSE
0,001	0,302	0,000	0,012	0,002	FALSE
-0,062	0,313	-0,003	0,010	0,116	FALSE
0,110	0,322	0,004	0,013	0,110	FALSE
0,026	0,299	0,002	0,009	0,074	FALSE
0,027	0,299	0,002	0,011	0,056	FALSE
0,015	0,309	0,000	0,010	0,008	FALSE
-0,047	0,317	-0,001	0,009	0,052	FALSE
0,032	0,307	0,001	0,008	0,022	FALSE
-0,038	0,300	0,000	0,008	0,013	FALSE
-0,063	0,310	-0,001	0,013	0,036	FALSE
-0,020	0,299	-0,001	0,008	0,048	FALSE
0,115	0,298	0,005	0,012	0,156	FALSE
-0,085	0,300	-0,003	0,010	0,133	FALSE
-0,112	0,296	-0,004	0,010	0,176	FALSE
-0,073	0,288	-0,003	0,010	0,115	FALSE
0,031	0,302	0,001	0,011	0,027	FALSE
-0,036	0,294	-0,001	0,009	0,034	FALSE
0,039	0,309	0,001	0,009	0,055	FALSE
-0,028	0,307	-0,001	0,008	0,050	FALSE
-0,070	0,316	-0,002	0,010	0,064	FALSE
-0,033	0,310	-0,001	0,012	0,040	FALSE
0,008	0,308	0,000	0,010	0,006	FALSE
-0,083	0,300	-0,003	0,009	0,136	FALSE
-0,050	0,294	-0,001	0,007	0,039	FALSE
0,043	0,308	0,002	0,013	0,056	FALSE
0,185	0,315	0,005	0,007	0,277	FALSE
-0,044	0,299	-0,001	0,007	0,030	FALSE

0,000	0,303	0,000	0,011	0,011	FALSE
0,081	0,298	0,001	0,006	0,085	FALSE
0,126	0,302	0,005	0,010	0,191	FALSE
-0,183	0,282	-0,005	0,008	0,300	FALSE
0,149	0,312	0,004	0,007	0,225	FALSE
-0,164	0,314	-0,007	0,013	0,248	FALSE
-0,029	0,315	-0,002	0,012	0,063	FALSE
0,036	0,305	0,002	0,011	0,068	FALSE
-0,031	0,308	-0,001	0,010	0,023	FALSE
0,107	0,303	0,004	0,010	0,152	FALSE
-0,030	0,302	-0,001	0,006	0,054	FALSE
0,088	0,307	0,003	0,010	0,102	FALSE
0,080	0,302	0,002	0,009	0,093	FALSE
-0,042	0,313	-0,001	0,007	0,050	FALSE
-0,051	0,307	-0,002	0,010	0,072	FALSE
-0,036	0,302	0,000	0,007	0,014	FALSE
-0,021	0,310	0,000	0,006	0,016	FALSE
-0,044	0,292	-0,001	0,007	0,057	FALSE
0,030	0,310	0,001	0,007	0,063	FALSE
0,023	0,296	0,002	0,012	0,048	FALSE
0,029	0,303	0,000	0,006	0,023	FALSE
0,050	0,320	0,002	0,007	0,090	FALSE
-0,045	0,305	-0,001	0,007	0,052	FALSE
-0,103	0,303	-0,003	0,007	0,137	FALSE
0,016	0,302	0,001	0,008	0,029	FALSE
-0,059	0,302	-0,001	0,007	0,065	FALSE
0,062	0,301	0,002	0,010	0,058	FALSE
-0,123	0,306	-0,005	0,012	0,180	FALSE
-0,189	0,293	-0,007	0,010	0,313	FALSE
-0,070	0,309	-0,002	0,012	0,072	FALSE
-0,192	0,297	-0,007	0,010	0,318	FALSE
0,072	0,301	0,002	0,008	0,106	FALSE
-0,062	0,314	-0,003	0,012	0,097	FALSE
-0,185	0,299	-0,008	0,012	0,268	FALSE
0,011	0,285	0,001	0,010	0,025	FALSE
0,060	0,317	0,001	0,006	0,078	FALSE
0,003	0,291	0,001	0,012	0,020	FALSE
-0,094	0,318	-0,005	0,012	0,146	FALSE
0,034	0,298	0,000	0,006	0,013	FALSE
0,084	0,304	0,002	0,006	0,111	FALSE
0,096	0,300	0,003	0,009	0,112	FALSE
0,041	0,318	0,001	0,007	0,051	FALSE
-0,014	0,305	0,000	0,008	0,003	FALSE
-0,087	0,313	-0,003	0,013	0,088	FALSE
0,037	0,306	0,002	0,012	0,058	FALSE
-0,060	0,307	-0,002	0,011	0,064	FALSE
-0,132	0,302	-0,004	0,010	0,165	FALSE
0,023	0,313	0,000	0,012	0,011	FALSE
0,024	0,319	0,000	0,012	0,013	FALSE
0,117	0,313	0,003	0,009	0,159	FALSE
0,037	0,302	0,001	0,007	0,025	FALSE
-0,074	0,308	-0,002	0,008	0,103	FALSE
-0,031	0,309	-0,001	0,007	0,025	FALSE

-0,019	0,316	0,000	0,011	0,005	FALSE
0,108	0,304	0,004	0,011	0,149	FALSE
0,088	0,311	0,003	0,010	0,095	FALSE
-0,024	0,317	-0,001	0,008	0,028	FALSE
-0,021	0,302	0,000	0,006	0,022	FALSE
0,038	0,317	0,002	0,013	0,047	FALSE
-0,061	0,307	-0,002	0,009	0,090	FALSE
0,004	0,329	0,000	0,010	0,012	FALSE
0,141	0,299	0,004	0,008	0,218	FALSE
0,115	0,304	0,002	0,007	0,119	FALSE
-0,044	0,315	-0,001	0,013	0,041	FALSE
-0,022	0,293	0,000	0,012	0,006	FALSE
-0,015	0,304	0,000	0,008	0,009	FALSE
0,086	0,317	0,004	0,013	0,111	FALSE
-0,131	0,321	-0,003	0,010	0,142	FALSE
-0,022	0,313	-0,001	0,008	0,027	FALSE
0,096	0,302	0,003	0,008	0,131	FALSE
0,070	0,309	0,002	0,009	0,072	FALSE
0,131	0,311	0,002	0,006	0,161	FALSE
-0,076	0,304	-0,003	0,008	0,141	FALSE
-0,014	0,319	-0,001	0,012	0,021	FALSE
-0,033	0,305	0,000	0,010	0,011	FALSE
-0,071	0,319	-0,002	0,012	0,075	FALSE
0,025	0,319	0,001	0,011	0,023	FALSE
0,126	0,313	0,003	0,009	0,136	FALSE
0,116	0,299	0,004	0,011	0,169	FALSE
-0,061	0,298	-0,001	0,008	0,047	FALSE
-0,076	0,303	-0,003	0,013	0,103	FALSE
0,039	0,308	0,001	0,008	0,029	FALSE
0,157	0,296	0,005	0,009	0,254	FALSE
-0,052	0,289	-0,002	0,009	0,065	FALSE
0,100	0,304	0,004	0,009	0,159	FALSE
0,064	0,305	0,002	0,010	0,079	FALSE
0,040	0,315	0,001	0,009	0,056	FALSE
0,078	0,310	0,004	0,011	0,128	FALSE
0,008	0,310	0,000	0,009	0,002	FALSE
0,054	0,291	0,001	0,007	0,035	FALSE
-0,095	0,300	-0,001	0,006	0,089	FALSE
0,015	0,303	0,000	0,007	0,011	FALSE
-0,012	0,307	0,000	0,008	0,017	FALSE
0,045	0,297	0,002	0,007	0,090	FALSE
0,109	0,306	0,003	0,009	0,120	FALSE
-0,185	0,307	-0,005	0,008	0,260	FALSE
0,003	0,297	0,000	0,008	0,009	FALSE
-0,098	0,307	-0,004	0,013	0,110	FALSE
0,114	0,313	0,004	0,010	0,154	FALSE
-0,094	0,295	-0,002	0,006	0,134	FALSE
0,041	0,303	0,001	0,011	0,030	FALSE
0,031	0,298	0,000	0,010	0,008	FALSE
-0,126	0,304	-0,003	0,007	0,160	FALSE
0,048	0,303	0,002	0,012	0,056	FALSE
-0,099	0,298	-0,002	0,007	0,110	FALSE
0,019	0,304	0,001	0,008	0,041	FALSE

-0,052	0,298	-0,001	0,009	0,044	FALSE
-0,051	0,297	-0,003	0,012	0,087	FALSE
-0,095	0,315	-0,002	0,008	0,112	FALSE
-0,025	0,318	0,000	0,007	0,011	FALSE
-0,045	0,322	-0,001	0,007	0,052	FALSE
-0,019	0,315	-0,001	0,010	0,026	FALSE
-0,016	0,310	0,000	0,013	0,001	FALSE
-0,077	0,304	-0,002	0,007	0,095	FALSE
0,052	0,298	0,003	0,010	0,093	FALSE
-0,174	0,302	-0,005	0,010	0,209	FALSE
0,162	0,304	0,004	0,007	0,203	FALSE
0,027	0,295	0,001	0,007	0,049	FALSE
0,073	0,305	0,003	0,012	0,085	FALSE
-0,024	0,307	0,000	0,008	0,012	FALSE
0,077	0,309	0,003	0,008	0,124	FALSE
0,007	0,310	0,000	0,010	0,009	FALSE
-0,067	0,310	-0,002	0,007	0,089	FALSE
0,021	0,313	0,001	0,010	0,034	FALSE
-0,010	0,296	-0,001	0,010	0,019	FALSE
0,008	0,311	0,000	0,010	0,001	FALSE
-0,081	0,301	-0,003	0,010	0,104	FALSE
-0,025	0,300	0,000	0,007	0,020	FALSE
-0,073	0,311	-0,003	0,012	0,097	FALSE
0,061	0,309	0,003	0,012	0,087	FALSE
0,066	0,308	0,002	0,009	0,101	FALSE
0,058	0,306	0,001	0,007	0,027	FALSE
-0,107	0,295	-0,003	0,009	0,144	FALSE
-0,040	0,296	-0,001	0,007	0,047	FALSE
0,104	0,318	0,004	0,011	0,130	FALSE
0,039	0,316	0,001	0,010	0,030	FALSE
-0,186	0,314	-0,008	0,013	0,272	FALSE
-0,177	0,297	-0,007	0,012	0,270	FALSE
-0,170	0,292	-0,007	0,012	0,249	FALSE
-0,001	0,305	0,000	0,007	0,012	FALSE
-0,028	0,320	-0,001	0,008	0,035	FALSE
0,018	0,314	0,001	0,008	0,025	FALSE
0,005	0,302	0,000	0,008	0,006	FALSE
0,054	0,316	0,002	0,013	0,054	FALSE
0,034	0,312	0,001	0,012	0,046	FALSE
0,007	0,317	0,001	0,007	0,031	FALSE
-0,007	0,304	0,000	0,012	0,002	FALSE
0,136	0,304	0,006	0,013	0,185	FALSE
-0,007	0,312	0,000	0,007	0,003	FALSE
-0,040	0,302	-0,001	0,011	0,050	FALSE
0,054	0,318	0,002	0,010	0,071	FALSE
0,051	0,318	0,002	0,008	0,075	FALSE
0,007	0,314	0,001	0,013	0,014	FALSE
0,020	0,311	0,001	0,008	0,053	FALSE
0,091	0,304	0,003	0,009	0,110	FALSE
-0,089	0,308	-0,003	0,009	0,134	FALSE
0,025	0,296	0,001	0,012	0,016	FALSE
-0,030	0,318	0,000	0,007	0,018	FALSE
0,029	0,302	0,001	0,007	0,050	FALSE

0,086	0,291	0,003	0,010	0,116	FALSE
0,032	0,310	0,001	0,010	0,027	FALSE
-0,062	0,288	-0,002	0,011	0,054	FALSE
0,049	0,317	0,001	0,007	0,061	FALSE
-0,116	0,303	-0,002	0,007	0,128	FALSE
0,101	0,296	0,003	0,009	0,143	FALSE
0,006	0,303	0,000	0,008	0,008	FALSE
-0,062	0,313	-0,003	0,011	0,091	FALSE
-0,008	0,324	0,000	0,007	0,003	FALSE
0,174	0,288	0,003	0,007	0,201	FALSE
0,049	0,303	0,000	0,012	0,015	FALSE
-0,122	0,310	-0,004	0,008	0,169	FALSE
-0,052	0,298	-0,001	0,006	0,047	FALSE
0,033	0,318	0,001	0,007	0,045	FALSE
-0,052	0,309	-0,001	0,009	0,049	FALSE
-0,050	0,304	-0,001	0,009	0,048	FALSE
-0,049	0,315	-0,002	0,013	0,065	FALSE
-0,025	0,296	-0,001	0,008	0,037	FALSE
0,048	0,293	0,001	0,007	0,048	FALSE
0,041	0,303	0,002	0,008	0,071	FALSE
-0,031	0,305	-0,001	0,010	0,042	FALSE
-0,111	0,295	-0,003	0,008	0,147	FALSE
-0,045	0,322	-0,002	0,012	0,047	FALSE
0,046	0,306	0,001	0,008	0,041	FALSE
0,051	0,311	0,001	0,007	0,072	FALSE
0,184	0,305	0,004	0,006	0,283	FALSE
0,156	0,309	0,005	0,011	0,182	FALSE
0,102	0,310	0,003	0,012	0,109	FALSE
0,116	0,309	0,004	0,013	0,140	FALSE
-0,010	0,331	0,000	0,007	0,018	FALSE
-0,074	0,292	-0,001	0,006	0,087	FALSE
-0,009	0,320	-0,001	0,013	0,014	FALSE
0,003	0,304	0,000	0,011	0,013	FALSE
-0,014	0,318	0,000	0,008	0,020	FALSE
0,048	0,305	0,002	0,008	0,082	FALSE
0,009	0,298	0,000	0,011	0,004	FALSE
0,037	0,313	0,001	0,011	0,035	FALSE
-0,094	0,304	-0,003	0,008	0,129	FALSE
-0,107	0,306	-0,004	0,012	0,112	FALSE
-0,144	0,296	-0,004	0,009	0,174	FALSE
-0,097	0,296	-0,003	0,012	0,107	FALSE
0,036	0,313	0,001	0,008	0,051	FALSE
0,074	0,293	0,002	0,007	0,091	FALSE
-0,013	0,305	0,000	0,006	0,014	FALSE
-0,015	0,316	0,000	0,007	0,003	FALSE
-0,017	0,312	-0,001	0,012	0,017	FALSE
0,072	0,305	0,002	0,011	0,077	FALSE
-0,057	0,308	-0,002	0,013	0,062	FALSE
0,021	0,302	0,000	0,012	0,005	FALSE
0,109	0,285	0,002	0,007	0,121	FALSE
-0,081	0,297	-0,003	0,007	0,135	FALSE
-0,020	0,309	-0,001	0,007	0,030	FALSE
0,074	0,316	0,003	0,012	0,094	FALSE

0,099	0,298	0,003	0,010	0,118	FALSE
-0,073	0,324	-0,003	0,013	0,099	FALSE
0,078	0,300	0,002	0,010	0,082	FALSE
0,120	0,290	0,003	0,007	0,136	FALSE
0,060	0,295	0,002	0,008	0,099	FALSE
-0,054	0,311	-0,003	0,013	0,085	FALSE
-0,019	0,303	-0,001	0,007	0,046	FALSE
0,022	0,313	0,001	0,010	0,046	FALSE
-0,144	0,305	-0,005	0,009	0,218	FALSE
-0,030	0,309	-0,001	0,011	0,026	FALSE
0,032	0,300	0,001	0,012	0,033	FALSE
-0,064	0,309	-0,002	0,009	0,081	FALSE
0,002	0,297	0,000	0,007	0,000	FALSE
0,046	0,316	0,001	0,007	0,058	FALSE
-0,070	0,299	-0,002	0,010	0,078	FALSE
0,020	0,310	0,000	0,007	0,002	FALSE
-0,053	0,305	-0,001	0,009	0,054	FALSE
0,079	0,307	0,003	0,012	0,103	FALSE
0,048	0,297	0,001	0,006	0,080	FALSE
-0,055	0,293	-0,001	0,010	0,046	FALSE
0,080	0,303	0,002	0,010	0,087	FALSE
0,033	0,298	0,001	0,009	0,036	FALSE
-0,106	0,302	-0,004	0,010	0,180	FALSE
-0,002	0,313	0,000	0,012	0,002	FALSE
0,153	0,301	0,006	0,010	0,237	FALSE
-0,056	0,320	-0,001	0,012	0,043	FALSE
0,108	0,306	0,005	0,013	0,146	FALSE
-0,076	0,311	-0,003	0,011	0,109	FALSE
-0,081	0,322	-0,003	0,013	0,096	FALSE
-0,001	0,328	0,000	0,009	0,008	FALSE
0,020	0,301	0,001	0,011	0,048	FALSE
-0,082	0,308	-0,002	0,011	0,085	FALSE
0,033	0,303	0,001	0,010	0,047	FALSE
0,034	0,313	0,001	0,007	0,045	FALSE
0,079	0,302	0,004	0,013	0,114	FALSE
-0,125	0,306	-0,003	0,007	0,162	FALSE
0,000	0,302	0,000	0,007	0,013	FALSE
0,078	0,304	0,004	0,013	0,117	FALSE
-0,051	0,311	-0,001	0,009	0,056	FALSE
0,067	0,320	0,001	0,007	0,068	FALSE
0,035	0,310	0,001	0,008	0,047	FALSE
-0,051	0,323	-0,002	0,008	0,080	FALSE
-0,066	0,313	-0,002	0,007	0,098	FALSE
-0,085	0,307	-0,002	0,007	0,139	FALSE
0,055	0,309	0,001	0,012	0,037	FALSE
-0,017	0,323	0,000	0,008	0,011	FALSE
-0,039	0,308	-0,001	0,012	0,043	FALSE
-0,036	0,307	-0,001	0,007	0,050	FALSE
-0,004	0,309	0,000	0,010	0,009	FALSE
-0,053	0,315	-0,001	0,008	0,061	FALSE
-0,007	0,306	0,001	0,008	0,032	FALSE
-0,051	0,318	-0,002	0,012	0,061	FALSE
-0,143	0,302	-0,003	0,007	0,191	FALSE

-0,002	0,319	0,000	0,007	0,006	FALSE
-0,024	0,309	-0,001	0,007	0,043	FALSE
-0,090	0,301	-0,002	0,007	0,134	FALSE
-0,126	0,309	-0,004	0,009	0,186	FALSE
-0,058	0,319	-0,002	0,009	0,072	FALSE
0,009	0,318	0,000	0,009	0,003	FALSE
0,046	0,301	0,002	0,012	0,053	FALSE
-0,012	0,297	-0,001	0,011	0,030	FALSE
0,016	0,303	0,001	0,008	0,043	FALSE
0,053	0,308	0,001	0,008	0,071	FALSE
-0,029	0,310	-0,001	0,012	0,035	FALSE
0,020	0,302	0,001	0,007	0,030	FALSE
-0,068	0,305	-0,001	0,007	0,085	FALSE
-0,020	0,300	-0,001	0,006	0,038	FALSE
-0,035	0,311	-0,001	0,008	0,040	FALSE
0,117	0,316	0,005	0,013	0,151	FALSE
-0,056	0,306	-0,003	0,012	0,079	FALSE
-0,005	0,314	0,001	0,008	0,026	FALSE
0,085	0,305	0,003	0,012	0,105	FALSE
0,102	0,308	0,004	0,013	0,123	FALSE
0,146	0,312	0,003	0,007	0,149	FALSE
0,055	0,314	0,002	0,009	0,097	FALSE
-0,008	0,295	-0,001	0,011	0,026	FALSE
0,183	0,314	0,007	0,011	0,293	FALSE
-0,201	0,293	-0,005	0,008	0,282	FALSE
0,033	0,303	0,001	0,008	0,051	FALSE
0,071	0,299	0,003	0,009	0,117	FALSE
0,040	0,310	0,001	0,010	0,027	FALSE
-0,077	0,315	-0,002	0,008	0,079	FALSE
-0,033	0,315	-0,001	0,009	0,027	FALSE
0,010	0,319	0,000	0,007	0,024	FALSE
0,156	0,301	0,004	0,007	0,258	FALSE
-0,034	0,320	-0,001	0,013	0,036	FALSE
-0,108	0,316	-0,002	0,007	0,126	FALSE
0,024	0,295	0,000	0,011	0,013	FALSE
-0,144	0,309	-0,006	0,012	0,186	FALSE
0,005	0,320	0,000	0,008	0,009	FALSE
0,059	0,303	0,001	0,007	0,081	FALSE
0,080	0,314	0,002	0,007	0,110	FALSE
0,036	0,301	0,001	0,007	0,044	FALSE
-0,010	0,292	0,000	0,007	0,020	FALSE
0,098	0,290	0,002	0,006	0,104	FALSE
0,054	0,300	0,001	0,009	0,054	FALSE
-0,086	0,297	-0,004	0,012	0,145	FALSE
-0,018	0,294	-0,001	0,012	0,039	FALSE
0,019	0,301	0,001	0,010	0,026	FALSE
-0,014	0,312	-0,001	0,011	0,045	FALSE
0,021	0,306	0,001	0,011	0,029	FALSE
0,005	0,309	0,000	0,009	0,002	FALSE
0,055	0,302	0,002	0,007	0,089	FALSE
-0,101	0,292	-0,002	0,009	0,106	FALSE
-0,048	0,319	-0,002	0,009	0,081	FALSE
-0,053	0,287	-0,001	0,007	0,052	FALSE

0,053	0,316	0,002	0,013	0,053	FALSE
-0,146	0,296	-0,004	0,007	0,205	FALSE
-0,019	0,313	0,000	0,008	0,016	FALSE
-0,030	0,310	-0,002	0,011	0,051	FALSE
-0,097	0,293	-0,002	0,008	0,113	FALSE
0,129	0,292	0,005	0,012	0,171	FALSE
-0,031	0,305	-0,002	0,011	0,048	FALSE
0,024	0,309	0,001	0,011	0,019	FALSE
-0,001	0,311	0,000	0,013	0,010	FALSE
-0,034	0,314	-0,001	0,008	0,071	FALSE
-0,019	0,302	-0,002	0,011	0,060	FALSE
0,141	0,299	0,005	0,010	0,240	FALSE
0,017	0,308	0,001	0,009	0,037	FALSE
0,032	0,299	0,001	0,012	0,020	FALSE
-0,071	0,300	-0,003	0,013	0,089	FALSE
-0,001	0,310	-0,001	0,013	0,014	FALSE
0,093	0,300	0,003	0,009	0,142	FALSE
0,133	0,312	0,005	0,010	0,194	FALSE
-0,049	0,301	-0,002	0,013	0,073	FALSE
0,011	0,302	0,000	0,010	0,001	FALSE
-0,073	0,309	-0,003	0,012	0,078	FALSE
-0,035	0,319	-0,001	0,007	0,044	FALSE
0,052	0,305	0,001	0,008	0,055	FALSE
0,058	0,300	0,001	0,007	0,049	FALSE
-0,029	0,298	-0,001	0,011	0,029	FALSE
-0,019	0,300	-0,001	0,010	0,020	FALSE
-0,112	0,306	-0,005	0,012	0,159	FALSE
-0,064	0,297	-0,002	0,009	0,084	FALSE
0,029	0,305	0,001	0,011	0,029	FALSE
0,036	0,302	0,001	0,007	0,041	FALSE
0,025	0,307	0,001	0,009	0,029	FALSE
0,140	0,297	0,003	0,006	0,202	FALSE
0,093	0,305	0,004	0,011	0,152	FALSE
-0,012	0,292	0,000	0,009	0,016	FALSE
0,110	0,300	0,004	0,010	0,155	FALSE
0,041	0,300	0,002	0,011	0,057	FALSE
-0,147	0,311	-0,004	0,010	0,172	FALSE
-0,032	0,310	-0,001	0,008	0,024	FALSE
-0,150	0,290	-0,004	0,008	0,228	FALSE
0,132	0,317	0,005	0,013	0,148	FALSE
-0,029	0,295	-0,001	0,007	0,035	FALSE
-0,030	0,317	0,000	0,007	0,020	FALSE
0,010	0,301	0,000	0,012	0,010	FALSE
0,055	0,312	0,001	0,007	0,053	FALSE
-0,116	0,316	-0,004	0,010	0,146	FALSE
0,003	0,294	0,000	0,009	0,013	FALSE
-0,069	0,311	-0,001	0,007	0,075	FALSE
0,012	0,288	0,000	0,008	0,011	FALSE
-0,022	0,312	-0,001	0,012	0,022	FALSE
0,034	0,298	0,001	0,007	0,025	FALSE
0,035	0,302	0,000	0,006	0,022	FALSE
-0,142	0,310	-0,005	0,009	0,222	FALSE
0,056	0,313	0,001	0,007	0,062	FALSE

-0,005	0,301	0,000	0,007	0,022	FALSE
-0,083	0,296	-0,004	0,011	0,134	FALSE
0,048	0,311	0,003	0,011	0,086	FALSE
0,130	0,310	0,004	0,010	0,155	FALSE
0,079	0,314	0,003	0,013	0,081	FALSE
-0,100	0,311	-0,003	0,010	0,110	FALSE
-0,029	0,294	-0,001	0,011	0,043	FALSE
-0,104	0,298	-0,004	0,013	0,128	FALSE
0,069	0,302	0,002	0,013	0,064	FALSE
0,075	0,303	0,003	0,013	0,072	FALSE
0,112	0,326	0,003	0,008	0,137	FALSE
0,024	0,311	0,000	0,009	0,008	FALSE
-0,070	0,311	-0,002	0,011	0,082	FALSE
-0,091	0,328	-0,004	0,011	0,123	FALSE
0,151	0,307	0,006	0,011	0,241	FALSE
0,195	0,292	0,009	0,012	0,377	FALSE
-0,056	0,312	-0,002	0,010	0,084	FALSE
0,014	0,303	0,001	0,012	0,024	FALSE
-0,068	0,307	-0,002	0,009	0,090	FALSE
0,108	0,316	0,003	0,007	0,174	FALSE
-0,040	0,311	-0,001	0,007	0,042	FALSE
-0,012	0,310	0,000	0,011	0,006	FALSE
0,054	0,317	0,001	0,009	0,056	FALSE
-0,083	0,302	-0,003	0,012	0,098	FALSE
0,093	0,303	0,003	0,007	0,147	FALSE
-0,086	0,303	-0,004	0,012	0,113	FALSE
0,146	0,303	0,004	0,008	0,197	FALSE
0,077	0,293	0,003	0,013	0,090	FALSE
-0,113	0,302	-0,004	0,011	0,132	FALSE
-0,053	0,291	-0,001	0,007	0,047	FALSE
-0,027	0,305	-0,001	0,011	0,037	FALSE
0,162	0,311	0,003	0,007	0,188	FALSE
0,035	0,313	0,001	0,012	0,037	FALSE
0,083	0,297	0,004	0,012	0,118	FALSE
0,181	0,306	0,004	0,008	0,231	FALSE
0,067	0,307	0,002	0,009	0,109	FALSE
0,073	0,304	0,002	0,008	0,093	FALSE
-0,117	0,288	-0,004	0,011	0,154	FALSE
0,047	0,322	0,001	0,012	0,041	FALSE
0,155	0,292	0,005	0,010	0,227	FALSE
0,170	0,294	0,005	0,008	0,275	FALSE
0,198	0,296	0,006	0,009	0,287	FALSE
0,109	0,281	0,005	0,012	0,164	FALSE
-0,072	0,313	-0,002	0,009	0,087	FALSE
-0,012	0,312	0,000	0,008	0,017	FALSE
-0,017	0,299	0,000	0,008	0,020	FALSE
-0,026	0,316	-0,002	0,012	0,064	FALSE
-0,026	0,313	-0,002	0,012	0,059	FALSE
-0,061	0,298	-0,001	0,006	0,080	FALSE
0,063	0,312	0,002	0,012	0,066	FALSE
0,021	0,321	0,001	0,013	0,031	FALSE
-0,012	0,320	0,000	0,013	0,012	FALSE
-0,026	0,313	0,000	0,006	0,013	FALSE

-0,040	0,310	0,000	0,006	0,027	FALSE
-0,029	0,311	-0,001	0,010	0,020	FALSE
-0,063	0,311	-0,001	0,006	0,066	FALSE
-0,024	0,304	0,000	0,007	0,017	FALSE
-0,073	0,306	-0,003	0,013	0,099	FALSE
-0,018	0,310	0,000	0,010	0,004	FALSE
-0,089	0,298	-0,003	0,013	0,101	FALSE
-0,100	0,306	-0,003	0,008	0,138	FALSE
-0,097	0,313	-0,002	0,008	0,119	FALSE
-0,184	0,311	-0,007	0,011	0,250	FALSE
-0,131	0,304	-0,005	0,012	0,194	FALSE
-0,009	0,309	-0,001	0,011	0,021	FALSE
0,021	0,319	0,001	0,010	0,037	FALSE
0,016	0,308	0,001	0,009	0,033	FALSE
0,053	0,304	0,001	0,007	0,072	FALSE
0,042	0,312	0,001	0,007	0,046	FALSE
0,060	0,300	0,002	0,010	0,084	FALSE
0,030	0,316	0,002	0,012	0,063	FALSE
0,064	0,307	0,002	0,007	0,107	FALSE
-0,066	0,304	-0,001	0,007	0,068	FALSE
0,067	0,289	0,001	0,007	0,070	FALSE
0,078	0,311	0,003	0,013	0,080	FALSE
0,112	0,301	0,005	0,011	0,168	FALSE
-0,066	0,308	-0,002	0,007	0,087	FALSE
-0,119	0,320	-0,005	0,011	0,161	FALSE
-0,127	0,317	-0,003	0,007	0,180	FALSE
-0,113	0,296	-0,006	0,013	0,189	FALSE
0,061	0,320	0,003	0,013	0,100	FALSE
0,063	0,298	0,003	0,012	0,104	FALSE
-0,018	0,306	-0,002	0,013	0,047	FALSE
0,058	0,309	0,003	0,012	0,082	FALSE
-0,063	0,305	-0,002	0,008	0,109	FALSE
0,104	0,312	0,004	0,011	0,132	FALSE
-0,047	0,296	-0,001	0,007	0,035	FALSE
0,036	0,302	0,001	0,008	0,046	FALSE
-0,100	0,313	-0,002	0,008	0,109	FALSE
-0,077	0,318	-0,002	0,009	0,101	FALSE
0,171	0,302	0,008	0,013	0,258	FALSE
0,036	0,309	0,001	0,006	0,035	FALSE
-0,052	0,307	-0,002	0,008	0,083	FALSE
0,052	0,311	0,002	0,011	0,079	FALSE
-0,124	0,304	-0,006	0,012	0,211	FALSE
-0,010	0,313	0,000	0,009	0,004	FALSE
-0,050	0,301	-0,001	0,007	0,061	FALSE
-0,111	0,287	-0,004	0,009	0,161	FALSE
-0,099	0,293	-0,005	0,012	0,151	FALSE
0,089	0,306	0,002	0,009	0,097	FALSE
-0,049	0,296	-0,001	0,009	0,038	FALSE
-0,094	0,302	-0,003	0,009	0,112	FALSE
0,027	0,314	0,001	0,008	0,031	FALSE
0,073	0,316	0,003	0,010	0,132	FALSE
0,070	0,309	0,002	0,011	0,083	FALSE
-0,031	0,317	-0,001	0,007	0,043	FALSE

-0,052	0,304	-0,003	0,013	0,086	FALSE
0,036	0,305	0,002	0,012	0,053	FALSE
-0,109	0,301	-0,003	0,007	0,159	FALSE
-0,037	0,293	-0,001	0,013	0,034	FALSE
0,044	0,295	0,002	0,009	0,070	FALSE
-0,155	0,294	-0,003	0,006	0,226	FALSE
0,111	0,316	0,002	0,008	0,123	FALSE
-0,049	0,298	-0,001	0,006	0,068	FALSE
0,083	0,305	0,002	0,007	0,117	FALSE
0,022	0,309	0,001	0,009	0,029	FALSE
-0,070	0,287	-0,002	0,008	0,092	FALSE
0,160	0,312	0,005	0,009	0,235	FALSE
0,119	0,303	0,005	0,012	0,169	FALSE
-0,014	0,311	-0,001	0,008	0,026	FALSE
0,149	0,294	0,004	0,008	0,224	FALSE
-0,077	0,304	-0,003	0,012	0,108	FALSE
-0,136	0,306	-0,004	0,009	0,152	FALSE
0,073	0,312	0,003	0,012	0,090	FALSE
0,137	0,310	0,004	0,008	0,212	FALSE
0,057	0,307	0,002	0,010	0,074	FALSE
0,017	0,311	0,001	0,008	0,037	FALSE
-0,083	0,302	-0,004	0,011	0,136	FALSE
0,030	0,309	0,001	0,010	0,051	FALSE
0,139	0,307	0,003	0,007	0,176	FALSE
-0,077	0,309	-0,001	0,008	0,064	FALSE
-0,019	0,314	-0,001	0,012	0,023	FALSE
-0,131	0,299	-0,004	0,008	0,201	FALSE
0,075	0,321	0,003	0,012	0,077	FALSE
0,013	0,310	0,000	0,007	0,018	FALSE
-0,063	0,281	-0,002	0,006	0,096	FALSE
0,050	0,314	0,001	0,007	0,033	FALSE
0,109	0,303	0,004	0,013	0,107	FALSE
-0,037	0,304	-0,001	0,010	0,039	FALSE
-0,084	0,309	-0,003	0,013	0,097	FALSE
-0,066	0,304	-0,002	0,008	0,070	FALSE
-0,111	0,297	-0,003	0,007	0,157	FALSE
0,020	0,322	0,001	0,009	0,032	FALSE
-0,079	0,299	-0,003	0,010	0,098	FALSE
-0,001	0,299	0,001	0,010	0,029	FALSE
-0,026	0,312	-0,001	0,008	0,043	FALSE
0,042	0,307	0,001	0,007	0,056	FALSE
0,076	0,303	0,003	0,012	0,114	FALSE
0,089	0,303	0,003	0,011	0,114	FALSE
-0,044	0,296	-0,001	0,008	0,055	FALSE
0,043	0,303	0,001	0,008	0,057	FALSE
-0,017	0,302	0,000	0,006	0,001	FALSE
-0,073	0,303	-0,003	0,010	0,108	FALSE
-0,048	0,304	-0,001	0,008	0,048	FALSE
-0,016	0,321	-0,001	0,011	0,024	FALSE
0,020	0,282	0,001	0,008	0,026	FALSE
0,044	0,309	0,001	0,008	0,062	FALSE
0,087	0,313	0,003	0,009	0,121	FALSE
-0,005	0,301	-0,001	0,012	0,016	FALSE

-0,071	0,296	-0,002	0,007	0,097	FALSE
0,054	0,310	0,002	0,013	0,043	FALSE
0,029	0,310	0,001	0,009	0,042	FALSE
-0,089	0,303	-0,002	0,009	0,085	FALSE
0,027	0,309	0,001	0,012	0,033	FALSE
-0,054	0,312	-0,001	0,009	0,050	FALSE
0,089	0,317	0,004	0,013	0,105	FALSE
0,142	0,301	0,005	0,012	0,185	FALSE
0,114	0,306	0,004	0,012	0,137	FALSE
-0,066	0,314	-0,002	0,009	0,098	FALSE
0,117	0,305	0,002	0,007	0,138	FALSE
0,045	0,301	0,002	0,013	0,044	FALSE
-0,137	0,305	-0,004	0,010	0,151	FALSE
0,099	0,298	0,004	0,011	0,141	FALSE
0,116	0,309	0,004	0,012	0,144	FALSE
-0,023	0,302	0,000	0,008	0,013	FALSE
-0,008	0,307	0,000	0,007	0,011	FALSE
-0,129	0,306	-0,004	0,010	0,153	FALSE
0,018	0,315	0,001	0,008	0,026	FALSE
0,059	0,329	0,002	0,008	0,077	FALSE
0,043	0,306	0,001	0,007	0,064	FALSE
-0,070	0,302	-0,002	0,011	0,074	FALSE
-0,003	0,305	0,000	0,008	0,012	FALSE
-0,049	0,304	-0,001	0,009	0,039	FALSE
-0,039	0,291	-0,001	0,010	0,038	FALSE
0,137	0,309	0,004	0,009	0,169	FALSE
-0,032	0,310	0,000	0,007	0,012	FALSE
0,016	0,331	0,001	0,011	0,024	FALSE
-0,016	0,302	0,000	0,008	0,010	FALSE
-0,031	0,316	-0,001	0,012	0,041	FALSE
-0,035	0,314	-0,001	0,009	0,037	FALSE
0,014	0,298	0,001	0,007	0,039	FALSE
0,056	0,312	0,003	0,010	0,096	FALSE
-0,010	0,290	-0,001	0,007	0,025	FALSE
-0,102	0,293	-0,002	0,007	0,130	FALSE
0,029	0,301	0,001	0,009	0,036	FALSE
-0,024	0,303	0,000	0,007	0,024	FALSE
0,066	0,299	0,001	0,008	0,056	FALSE
-0,070	0,313	-0,001	0,007	0,068	FALSE
-0,065	0,308	-0,001	0,006	0,080	FALSE
0,083	0,312	0,002	0,009	0,101	FALSE
-0,024	0,303	-0,001	0,009	0,032	FALSE
-0,035	0,310	0,000	0,008	0,022	FALSE
0,086	0,305	0,003	0,010	0,124	FALSE
0,012	0,303	0,000	0,007	0,022	FALSE
-0,048	0,305	-0,001	0,010	0,046	FALSE
0,028	0,303	0,000	0,008	0,014	FALSE
-0,006	0,310	0,000	0,012	0,004	FALSE
-0,019	0,306	0,000	0,007	0,021	FALSE
-0,025	0,296	-0,001	0,007	0,044	FALSE
-0,028	0,315	-0,001	0,013	0,027	FALSE
0,031	0,319	0,001	0,011	0,036	FALSE
0,045	0,317	0,001	0,008	0,058	FALSE

0,094	0,325	0,003	0,010	0,128	FALSE
-0,051	0,300	-0,002	0,007	0,082	FALSE
0,035	0,322	0,001	0,010	0,046	FALSE
-0,002	0,308	0,000	0,008	0,020	FALSE
-0,032	0,309	-0,001	0,010	0,028	FALSE
-0,001	0,307	0,000	0,007	0,002	FALSE
0,034	0,310	0,001	0,010	0,046	FALSE
-0,037	0,312	-0,001	0,009	0,048	FALSE
-0,078	0,312	-0,004	0,013	0,104	FALSE
0,200	0,293	0,005	0,008	0,282	FALSE
-0,135	0,294	-0,003	0,007	0,177	FALSE
-0,179	0,295	-0,006	0,010	0,252	FALSE
0,074	0,322	0,002	0,008	0,077	FALSE
0,071	0,301	0,002	0,008	0,095	FALSE
0,029	0,314	0,001	0,013	0,016	FALSE
-0,103	0,317	-0,002	0,007	0,117	FALSE
0,030	0,298	0,001	0,012	0,023	FALSE
0,073	0,307	0,002	0,007	0,101	FALSE
0,071	0,307	0,001	0,007	0,073	FALSE
-0,076	0,311	-0,001	0,009	0,055	FALSE
-0,004	0,307	0,000	0,011	0,013	FALSE
0,027	0,311	0,001	0,011	0,022	FALSE
0,047	0,304	0,001	0,007	0,047	FALSE
-0,018	0,302	-0,001	0,010	0,037	FALSE
-0,060	0,312	-0,003	0,013	0,078	FALSE
0,024	0,306	0,001	0,007	0,047	FALSE
0,064	0,306	0,002	0,010	0,078	FALSE
-0,160	0,273	-0,003	0,006	0,203	FALSE
0,064	0,303	0,001	0,011	0,044	FALSE
-0,019	0,314	0,000	0,012	0,009	FALSE
-0,062	0,294	-0,001	0,008	0,050	FALSE
-0,021	0,319	0,000	0,013	0,014	FALSE
0,008	0,305	0,000	0,006	0,002	FALSE
-0,010	0,321	0,000	0,009	0,004	FALSE
-0,020	0,315	0,000	0,013	0,009	FALSE
0,121	0,319	0,003	0,009	0,130	FALSE
0,013	0,304	0,000	0,006	0,008	FALSE
0,105	0,315	0,004	0,009	0,153	FALSE
-0,020	0,315	0,000	0,008	0,008	FALSE
-0,123	0,308	-0,003	0,008	0,155	FALSE
0,017	0,303	0,000	0,008	0,016	FALSE
0,025	0,303	0,001	0,007	0,027	FALSE
-0,041	0,303	0,000	0,009	0,012	FALSE
-0,103	0,310	-0,004	0,011	0,159	FALSE
0,044	0,306	0,001	0,007	0,069	FALSE
-0,042	0,302	-0,001	0,010	0,036	FALSE
-0,008	0,313	0,000	0,009	0,016	FALSE
-0,061	0,296	-0,001	0,007	0,076	FALSE
-0,147	0,308	-0,005	0,013	0,176	FALSE
-0,159	0,306	-0,005	0,010	0,196	FALSE
0,100	0,306	0,002	0,007	0,124	FALSE
0,048	0,313	0,001	0,013	0,029	FALSE
0,083	0,315	0,002	0,009	0,097	FALSE

-0,095	0,305	-0,004	0,012	0,128	FALSE
-0,005	0,301	0,000	0,008	0,017	FALSE
0,022	0,312	0,000	0,008	0,002	FALSE
0,007	0,306	0,000	0,009	0,011	FALSE
0,033	0,311	0,001	0,013	0,043	FALSE
0,036	0,313	0,001	0,008	0,053	FALSE
-0,019	0,313	-0,001	0,013	0,035	FALSE
0,010	0,322	0,000	0,013	0,004	FALSE
0,060	0,301	0,002	0,009	0,090	FALSE
-0,038	0,287	-0,002	0,012	0,050	FALSE
-0,112	0,311	-0,002	0,007	0,142	FALSE
-0,014	0,314	0,000	0,007	0,009	FALSE
0,006	0,319	0,000	0,012	0,009	FALSE
0,086	0,301	0,003	0,012	0,094	FALSE
-0,055	0,296	-0,002	0,012	0,049	FALSE
-0,108	0,308	-0,005	0,012	0,156	FALSE
-0,070	0,315	-0,002	0,010	0,097	FALSE
-0,113	0,294	-0,003	0,007	0,191	FALSE
0,008	0,299	0,000	0,007	0,013	FALSE
0,005	0,312	0,000	0,007	0,010	FALSE
0,029	0,312	0,000	0,008	0,021	FALSE
0,026	0,312	0,000	0,007	0,022	FALSE
0,057	0,319	0,002	0,011	0,060	FALSE
-0,121	0,311	-0,003	0,007	0,146	FALSE
-0,010	0,314	0,000	0,006	0,011	FALSE
0,068	0,304	0,002	0,009	0,113	FALSE
-0,072	0,300	-0,001	0,007	0,064	FALSE
-0,031	0,322	0,000	0,007	0,018	FALSE
0,051	0,314	0,001	0,007	0,063	FALSE
0,080	0,323	0,002	0,007	0,098	FALSE
-0,005	0,304	0,001	0,011	0,019	FALSE
0,075	0,315	0,002	0,011	0,080	FALSE
-0,020	0,318	-0,001	0,012	0,036	FALSE
-0,031	0,310	-0,001	0,009	0,029	FALSE
0,050	0,305	0,001	0,006	0,071	FALSE
-0,225	0,296	-0,006	0,009	0,333	FALSE
-0,181	0,298	-0,005	0,008	0,263	FALSE
-0,002	0,301	-0,001	0,007	0,050	FALSE
-0,001	0,308	-0,001	0,013	0,035	FALSE
-0,085	0,294	-0,002	0,008	0,111	FALSE
0,090	0,324	0,003	0,013	0,077	FALSE
-0,063	0,302	-0,003	0,012	0,079	FALSE
0,033	0,321	0,001	0,007	0,053	FALSE
-0,019	0,306	-0,001	0,012	0,047	FALSE
0,031	0,298	0,000	0,011	0,001	FALSE
0,048	0,327	0,002	0,009	0,069	FALSE
-0,004	0,305	0,001	0,009	0,024	FALSE
-0,141	0,319	-0,003	0,007	0,193	FALSE
-0,091	0,307	-0,003	0,009	0,134	FALSE
-0,017	0,322	0,000	0,008	0,007	FALSE
0,019	0,310	0,001	0,013	0,015	FALSE
-0,144	0,305	-0,005	0,011	0,183	FALSE
-0,124	0,309	-0,004	0,011	0,145	FALSE

0,063	0,302	0,001	0,006	0,069	FALSE
-0,070	0,305	-0,003	0,009	0,105	FALSE
-0,175	0,310	-0,005	0,009	0,217	FALSE
0,094	0,291	0,002	0,006	0,116	FALSE
0,022	0,307	0,000	0,007	0,007	FALSE
0,089	0,301	0,004	0,012	0,121	FALSE
-0,031	0,312	-0,001	0,013	0,037	FALSE
0,095	0,309	0,003	0,009	0,135	FALSE
0,002	0,310	0,000	0,012	0,013	FALSE
-0,001	0,314	0,000	0,012	0,013	FALSE
0,048	0,318	0,002	0,013	0,072	FALSE
0,083	0,302	0,003	0,011	0,097	FALSE
0,083	0,309	0,002	0,008	0,094	FALSE
-0,115	0,310	-0,004	0,009	0,162	FALSE
-0,048	0,285	-0,001	0,012	0,033	FALSE
-0,037	0,314	-0,002	0,009	0,064	FALSE
0,012	0,308	0,000	0,007	0,019	FALSE
0,108	0,301	0,005	0,012	0,167	FALSE
-0,093	0,301	-0,003	0,009	0,139	FALSE
0,098	0,308	0,003	0,008	0,133	FALSE
0,120	0,296	0,005	0,012	0,149	FALSE
-0,068	0,310	-0,001	0,007	0,075	FALSE
-0,037	0,305	0,000	0,007	0,016	FALSE
-0,015	0,293	-0,001	0,012	0,019	FALSE
-0,035	0,288	-0,001	0,011	0,027	FALSE
0,032	0,318	0,001	0,009	0,033	FALSE
-0,007	0,305	0,000	0,012	0,004	FALSE
-0,055	0,302	-0,002	0,009	0,067	FALSE
-0,074	0,302	-0,002	0,009	0,075	FALSE
0,103	0,308	0,003	0,010	0,103	FALSE
-0,102	0,296	-0,002	0,007	0,125	FALSE
0,103	0,305	0,003	0,008	0,151	FALSE
-0,039	0,323	-0,002	0,011	0,053	FALSE
-0,042	0,304	-0,001	0,009	0,063	FALSE
-0,002	0,311	0,000	0,011	0,013	FALSE
-0,002	0,329	0,000	0,008	0,004	FALSE
-0,070	0,303	-0,002	0,007	0,090	FALSE
-0,060	0,317	-0,002	0,009	0,084	FALSE
-0,097	0,312	-0,004	0,010	0,137	FALSE
-0,125	0,311	-0,003	0,008	0,148	FALSE
-0,032	0,304	-0,001	0,009	0,033	FALSE
-0,129	0,304	-0,002	0,006	0,131	FALSE
-0,100	0,304	-0,003	0,007	0,157	FALSE
0,029	0,305	0,001	0,007	0,031	FALSE
0,030	0,296	0,001	0,011	0,020	FALSE
0,106	0,298	0,004	0,011	0,148	FALSE
-0,052	0,300	-0,001	0,009	0,040	FALSE
-0,126	0,317	-0,005	0,012	0,165	FALSE
0,074	0,303	0,001	0,007	0,080	FALSE
-0,083	0,315	-0,003	0,012	0,106	FALSE
-0,018	0,319	0,000	0,008	0,013	FALSE
0,021	0,303	0,001	0,010	0,054	FALSE
-0,110	0,304	-0,002	0,007	0,142	FALSE

-0,134	0,295	-0,004	0,008	0,184	FALSE
0,050	0,295	0,001	0,006	0,079	FALSE
0,022	0,302	0,001	0,007	0,029	FALSE
0,031	0,313	0,001	0,007	0,041	FALSE
0,039	0,304	0,001	0,009	0,051	FALSE
0,043	0,313	0,001	0,009	0,056	FALSE
0,017	0,317	0,001	0,009	0,023	FALSE
0,006	0,298	0,000	0,006	0,004	FALSE
-0,127	0,312	-0,005	0,010	0,186	FALSE
-0,147	0,299	-0,003	0,007	0,187	FALSE
0,065	0,310	0,002	0,010	0,074	FALSE
-0,048	0,296	-0,001	0,009	0,043	FALSE
0,048	0,318	0,001	0,007	0,045	FALSE
-0,176	0,297	-0,005	0,009	0,258	FALSE
-0,149	0,299	-0,004	0,007	0,223	FALSE
-0,136	0,303	-0,004	0,008	0,174	FALSE
0,031	0,309	0,000	0,011	0,003	FALSE
-0,039	0,309	-0,001	0,011	0,020	FALSE
-0,002	0,317	0,000	0,007	0,016	FALSE
0,031	0,298	0,001	0,011	0,019	FALSE
0,018	0,313	0,000	0,008	0,022	FALSE
-0,179	0,299	-0,005	0,008	0,261	FALSE
0,055	0,289	0,001	0,007	0,045	FALSE
-0,103	0,299	-0,003	0,011	0,118	FALSE
0,014	0,298	0,001	0,010	0,022	FALSE
0,084	0,299	0,003	0,009	0,128	FALSE
0,003	0,307	0,000	0,012	0,003	FALSE
0,023	0,309	0,001	0,011	0,018	FALSE
-0,077	0,302	-0,003	0,008	0,135	FALSE
-0,094	0,309	-0,004	0,013	0,138	FALSE
-0,070	0,302	-0,001	0,007	0,084	FALSE
-0,082	0,311	-0,003	0,011	0,100	FALSE
-0,047	0,302	-0,001	0,008	0,051	FALSE
-0,150	0,301	-0,004	0,007	0,207	FALSE
-0,117	0,301	-0,003	0,009	0,147	FALSE
0,049	0,303	0,001	0,007	0,055	FALSE
0,067	0,312	0,002	0,008	0,080	FALSE
0,062	0,306	0,001	0,007	0,063	FALSE
0,083	0,305	0,003	0,012	0,101	FALSE
0,120	0,314	0,002	0,007	0,133	FALSE
0,023	0,299	0,001	0,010	0,028	FALSE
0,001	0,316	-0,001	0,011	0,021	FALSE
0,016	0,317	0,000	0,011	0,002	FALSE
-0,112	0,295	-0,003	0,009	0,158	FALSE
-0,073	0,312	-0,002	0,006	0,106	FALSE
0,160	0,308	0,007	0,013	0,227	FALSE
-0,077	0,310	-0,001	0,006	0,094	FALSE
-0,035	0,306	-0,001	0,011	0,043	FALSE
-0,083	0,312	-0,003	0,010	0,097	FALSE
0,157	0,305	0,003	0,006	0,241	FALSE
-0,020	0,300	-0,001	0,011	0,021	FALSE
-0,074	0,311	-0,003	0,012	0,112	FALSE
0,106	0,318	0,003	0,009	0,141	FALSE

-0,147	0,291	-0,005	0,009	0,233	FALSE
-0,003	0,296	0,000	0,012	0,013	FALSE
0,093	0,296	0,004	0,012	0,133	FALSE
0,090	0,301	0,004	0,012	0,122	FALSE
0,036	0,298	0,003	0,013	0,078	FALSE
-0,127	0,306	-0,003	0,008	0,189	FALSE
0,010	0,314	0,001	0,008	0,024	FALSE
0,034	0,306	0,002	0,012	0,050	FALSE
0,030	0,301	0,001	0,008	0,039	FALSE
-0,060	0,300	-0,002	0,011	0,084	FALSE
0,203	0,304	0,007	0,013	0,253	FALSE
0,141	0,301	0,005	0,013	0,167	FALSE
0,106	0,301	0,004	0,012	0,127	FALSE
0,077	0,304	0,003	0,013	0,080	FALSE
-0,038	0,296	-0,002	0,008	0,074	FALSE
-0,006	0,310	0,000	0,013	0,012	FALSE
-0,002	0,310	0,000	0,012	0,010	FALSE
0,030	0,308	0,000	0,007	0,008	FALSE
0,116	0,301	0,005	0,012	0,192	FALSE
-0,052	0,326	-0,002	0,009	0,070	FALSE
-0,142	0,307	-0,005	0,011	0,184	FALSE
-0,139	0,301	-0,004	0,009	0,223	FALSE
0,124	0,308	0,005	0,012	0,175	FALSE
0,066	0,321	0,002	0,007	0,087	FALSE
0,223	0,287	0,011	0,013	0,392	FALSE
0,007	0,303	0,000	0,007	0,020	FALSE
0,112	0,299	0,006	0,013	0,186	FALSE
0,099	0,299	0,003	0,009	0,122	FALSE
0,076	0,294	0,002	0,011	0,077	FALSE
0,155	0,287	0,006	0,012	0,210	FALSE
-0,152	0,292	-0,007	0,012	0,252	FALSE
-0,056	0,295	-0,003	0,012	0,111	FALSE
0,008	0,311	0,000	0,007	0,018	FALSE
-0,015	0,312	-0,001	0,012	0,028	FALSE
-0,040	0,299	-0,001	0,012	0,036	FALSE
-0,042	0,308	-0,001	0,013	0,033	FALSE
-0,030	0,318	-0,001	0,013	0,030	FALSE
0,036	0,312	0,001	0,012	0,042	FALSE
-0,026	0,313	-0,001	0,008	0,040	FALSE
-0,058	0,311	-0,003	0,012	0,090	FALSE
-0,143	0,295	-0,005	0,011	0,216	FALSE
-0,050	0,311	-0,002	0,012	0,069	FALSE
-0,035	0,309	-0,001	0,009	0,028	FALSE
0,076	0,314	0,002	0,009	0,106	FALSE
-0,112	0,310	-0,004	0,011	0,143	FALSE
0,035	0,302	0,001	0,013	0,033	FALSE
-0,038	0,303	-0,001	0,008	0,032	FALSE
0,123	0,287	0,002	0,006	0,145	FALSE
0,139	0,300	0,005	0,010	0,197	FALSE
-0,077	0,310	-0,002	0,012	0,077	FALSE
-0,075	0,304	-0,003	0,013	0,087	FALSE
-0,051	0,318	-0,001	0,009	0,059	FALSE
0,043	0,305	0,001	0,007	0,064	FALSE

-0,020	0,321	-0,001	0,013	0,028	FALSE
-0,037	0,317	-0,001	0,007	0,047	FALSE
0,099	0,306	0,003	0,008	0,135	FALSE
0,050	0,298	0,001	0,008	0,065	FALSE
0,052	0,312	0,002	0,012	0,069	FALSE
-0,094	0,309	-0,002	0,007	0,119	FALSE
-0,020	0,316	-0,001	0,011	0,049	FALSE
0,002	0,309	-0,001	0,009	0,038	FALSE
-0,088	0,314	-0,003	0,010	0,121	FALSE
-0,003	0,309	0,000	0,007	0,006	FALSE
-0,045	0,322	-0,001	0,009	0,059	FALSE
0,144	0,299	0,004	0,010	0,169	FALSE
-0,063	0,310	-0,001	0,008	0,049	FALSE
-0,054	0,312	-0,001	0,008	0,035	FALSE
0,129	0,321	0,003	0,007	0,203	FALSE
-0,022	0,311	0,000	0,007	0,007	FALSE
-0,027	0,316	-0,001	0,009	0,033	FALSE
-0,048	0,307	-0,002	0,012	0,056	FALSE
0,029	0,320	0,001	0,009	0,056	FALSE
-0,167	0,309	-0,004	0,008	0,210	FALSE
0,100	0,313	0,004	0,013	0,131	FALSE
-0,014	0,316	-0,002	0,013	0,048	FALSE
-0,046	0,302	-0,001	0,007	0,061	FALSE
-0,044	0,307	-0,003	0,013	0,095	FALSE
0,006	0,323	0,001	0,013	0,018	FALSE
0,098	0,307	0,003	0,008	0,142	FALSE
-0,107	0,316	-0,003	0,008	0,142	FALSE
-0,088	0,313	-0,004	0,012	0,127	FALSE
-0,087	0,305	-0,003	0,012	0,109	FALSE
-0,057	0,308	-0,001	0,007	0,077	FALSE
-0,055	0,307	-0,002	0,012	0,059	FALSE
-0,151	0,299	-0,005	0,010	0,202	FALSE
-0,048	0,312	-0,001	0,009	0,051	FALSE
-0,109	0,311	-0,003	0,006	0,161	FALSE
-0,085	0,302	-0,002	0,006	0,101	FALSE
-0,060	0,305	-0,002	0,012	0,048	FALSE
-0,012	0,301	0,000	0,012	0,003	FALSE
0,061	0,305	0,002	0,013	0,058	FALSE
0,128	0,298	0,003	0,008	0,148	FALSE
-0,056	0,313	-0,003	0,013	0,093	FALSE
0,066	0,301	0,002	0,008	0,074	FALSE
0,144	0,318	0,003	0,007	0,167	FALSE
0,041	0,309	0,001	0,012	0,034	FALSE
-0,018	0,306	-0,001	0,010	0,046	FALSE
0,089	0,310	0,002	0,007	0,118	FALSE
-0,047	0,300	-0,002	0,012	0,064	FALSE
0,151	0,303	0,003	0,007	0,199	FALSE
-0,051	0,296	-0,001	0,007	0,080	FALSE
-0,075	0,311	-0,003	0,010	0,092	FALSE
0,031	0,307	0,001	0,007	0,064	FALSE
-0,006	0,311	0,000	0,008	0,019	FALSE
-0,061	0,301	-0,002	0,010	0,068	FALSE
0,122	0,302	0,002	0,007	0,140	FALSE

0,009	0,308	0,000	0,008	0,013	FALSE
0,010	0,304	0,000	0,011	0,009	FALSE
0,119	0,308	0,003	0,007	0,172	FALSE
-0,016	0,291	-0,001	0,010	0,018	FALSE
0,098	0,303	0,003	0,012	0,091	FALSE
-0,015	0,302	0,000	0,009	0,011	FALSE
0,093	0,305	0,004	0,011	0,120	FALSE
-0,267	0,304	-0,008	0,009	0,427	FALSE
0,023	0,311	0,000	0,011	0,014	FALSE
0,031	0,311	0,001	0,009	0,044	FALSE
-0,011	0,302	-0,001	0,011	0,023	FALSE
0,003	0,305	0,000	0,012	0,012	FALSE
-0,080	0,306	-0,004	0,013	0,133	FALSE
0,001	0,297	0,000	0,008	0,006	FALSE
-0,082	0,300	-0,004	0,012	0,136	FALSE
-0,060	0,312	-0,002	0,007	0,085	FALSE
0,054	0,285	0,001	0,012	0,031	FALSE
0,029	0,310	0,001	0,010	0,042	FALSE
-0,132	0,298	-0,006	0,012	0,189	FALSE
-0,123	0,298	-0,005	0,012	0,172	FALSE
-0,078	0,312	-0,002	0,011	0,078	FALSE
-0,105	0,300	-0,003	0,011	0,107	FALSE
-0,113	0,297	-0,004	0,011	0,127	FALSE
0,137	0,300	0,005	0,011	0,164	FALSE
0,126	0,311	0,004	0,009	0,167	FALSE
0,144	0,300	0,005	0,011	0,186	FALSE
0,109	0,296	0,004	0,010	0,153	FALSE
0,051	0,318	0,001	0,006	0,081	FALSE
-0,146	0,320	-0,003	0,007	0,175	FALSE
0,066	0,301	0,003	0,012	0,099	FALSE
0,029	0,302	0,001	0,012	0,031	FALSE
-0,023	0,304	0,000	0,006	0,011	FALSE
0,088	0,319	0,003	0,011	0,120	FALSE
0,060	0,319	0,002	0,007	0,085	FALSE
-0,013	0,304	0,000	0,012	0,000	FALSE
-0,028	0,322	0,000	0,008	0,012	FALSE
0,204	0,305	0,005	0,008	0,257	FALSE
-0,163	0,292	-0,006	0,011	0,222	FALSE
-0,008	0,304	-0,001	0,012	0,029	FALSE
0,008	0,299	0,000	0,012	0,004	FALSE
0,064	0,315	0,001	0,010	0,034	FALSE
0,097	0,306	0,003	0,012	0,089	FALSE
-0,005	0,306	0,000	0,006	0,019	FALSE
0,050	0,299	0,001	0,007	0,045	FALSE
-0,065	0,306	-0,002	0,011	0,064	FALSE
-0,106	0,313	-0,003	0,010	0,137	FALSE
-0,046	0,305	-0,002	0,011	0,049	FALSE
-0,060	0,303	-0,002	0,011	0,075	FALSE
-0,051	0,309	-0,001	0,009	0,060	FALSE
0,020	0,306	0,000	0,012	0,001	FALSE
-0,074	0,314	-0,002	0,010	0,097	FALSE
0,119	0,318	0,003	0,008	0,149	FALSE
0,004	0,314	0,000	0,012	0,012	FALSE

0,043	0,309	0,001	0,007	0,028	FALSE
-0,010	0,310	0,001	0,009	0,025	FALSE
-0,185	0,299	-0,005	0,009	0,251	FALSE
-0,100	0,308	-0,004	0,013	0,108	FALSE
0,076	0,315	0,002	0,013	0,068	FALSE
0,095	0,316	0,003	0,010	0,115	FALSE
-0,026	0,309	-0,001	0,008	0,044	FALSE
0,107	0,298	0,003	0,009	0,152	FALSE
0,120	0,304	0,005	0,011	0,179	FALSE
0,013	0,316	0,000	0,007	0,005	FALSE
0,176	0,298	0,004	0,006	0,236	FALSE
0,164	0,305	0,005	0,009	0,230	FALSE
-0,043	0,309	-0,001	0,008	0,058	FALSE
-0,040	0,320	-0,003	0,012	0,076	FALSE
0,003	0,304	0,000	0,007	0,022	FALSE
-0,011	0,310	-0,001	0,011	0,018	FALSE
-0,137	0,285	-0,004	0,007	0,228	FALSE
-0,060	0,300	-0,002	0,007	0,096	FALSE
-0,018	0,309	0,000	0,012	0,008	FALSE
-0,008	0,313	0,000	0,012	0,006	FALSE
-0,007	0,302	0,000	0,009	0,018	FALSE
-0,061	0,290	-0,002	0,008	0,087	FALSE
0,005	0,301	0,000	0,012	0,010	FALSE
0,094	0,302	0,004	0,013	0,132	FALSE
-0,108	0,305	-0,004	0,008	0,181	FALSE
-0,090	0,301	-0,002	0,011	0,082	FALSE
-0,074	0,296	-0,002	0,011	0,069	FALSE
0,066	0,302	0,002	0,013	0,064	FALSE
-0,062	0,319	-0,003	0,013	0,091	FALSE
0,045	0,316	0,001	0,009	0,052	FALSE
-0,137	0,303	-0,003	0,007	0,173	FALSE
0,051	0,311	0,002	0,012	0,059	FALSE
0,010	0,307	0,001	0,007	0,037	FALSE
0,047	0,303	0,002	0,011	0,048	FALSE
-0,023	0,305	-0,001	0,007	0,037	FALSE
0,045	0,318	0,002	0,012	0,055	FALSE
-0,029	0,298	-0,001	0,012	0,032	FALSE
-0,013	0,303	0,000	0,009	0,018	FALSE
-0,010	0,298	0,000	0,009	0,003	FALSE
-0,077	0,305	-0,003	0,010	0,106	FALSE
0,002	0,314	0,001	0,013	0,016	FALSE
0,058	0,299	0,002	0,013	0,051	FALSE
0,004	0,310	0,000	0,011	0,013	FALSE
0,089	0,306	0,004	0,012	0,111	FALSE
-0,107	0,308	-0,002	0,007	0,117	FALSE
-0,037	0,300	-0,001	0,008	0,045	FALSE
-0,026	0,313	-0,001	0,010	0,039	FALSE
-0,117	0,288	-0,003	0,008	0,149	FALSE
-0,123	0,290	-0,003	0,008	0,153	FALSE
-0,110	0,306	-0,003	0,008	0,131	FALSE
0,015	0,304	0,001	0,011	0,034	FALSE
-0,033	0,307	-0,002	0,011	0,063	FALSE
0,042	0,311	0,002	0,010	0,056	FALSE

-0,036	0,295	-0,002	0,011	0,080	FALSE
-0,014	0,305	0,000	0,007	0,012	FALSE
0,049	0,302	0,002	0,012	0,059	FALSE
0,000	0,309	0,000	0,007	0,002	FALSE
0,043	0,311	0,002	0,012	0,053	FALSE
0,009	0,318	0,000	0,012	0,003	FALSE
-0,049	0,308	-0,001	0,007	0,062	FALSE
-0,035	0,308	-0,001	0,010	0,051	FALSE
-0,045	0,319	-0,001	0,007	0,066	FALSE
0,067	0,314	0,002	0,010	0,087	FALSE
0,003	0,315	0,000	0,006	0,005	FALSE
-0,092	0,301	-0,004	0,012	0,115	FALSE
0,018	0,316	0,001	0,012	0,032	FALSE
0,013	0,314	0,000	0,009	0,014	FALSE
-0,023	0,313	-0,001	0,008	0,040	FALSE
-0,033	0,313	-0,001	0,007	0,048	FALSE
-0,111	0,292	-0,002	0,007	0,114	FALSE
0,001	0,306	0,000	0,009	0,015	FALSE
-0,143	0,296	-0,003	0,008	0,187	FALSE
-0,061	0,294	-0,001	0,008	0,067	FALSE
-0,149	0,299	-0,004	0,007	0,219	FALSE
-0,127	0,310	-0,004	0,009	0,164	FALSE
-0,094	0,307	-0,002	0,007	0,120	FALSE
0,000	0,321	0,000	0,011	0,014	FALSE
-0,001	0,305	0,000	0,006	0,018	FALSE
0,052	0,300	0,002	0,008	0,104	FALSE
-0,032	0,294	-0,001	0,012	0,029	FALSE
0,024	0,299	0,002	0,012	0,051	FALSE
0,042	0,295	0,001	0,007	0,054	FALSE
0,029	0,317	0,001	0,009	0,049	FALSE
0,009	0,294	0,000	0,012	0,001	FALSE
0,061	0,302	0,002	0,013	0,046	FALSE
-0,089	0,295	-0,003	0,011	0,115	FALSE
0,073	0,298	0,002	0,007	0,092	FALSE
-0,023	0,308	0,000	0,009	0,017	FALSE
-0,014	0,312	0,000	0,009	0,017	FALSE
-0,006	0,303	0,000	0,007	0,008	FALSE
0,067	0,297	0,004	0,012	0,114	FALSE
0,057	0,302	0,003	0,012	0,100	FALSE
-0,012	0,309	-0,001	0,008	0,034	FALSE
-0,049	0,294	-0,003	0,012	0,084	FALSE
0,027	0,300	0,001	0,011	0,020	FALSE
-0,002	0,303	0,000	0,008	0,021	FALSE
-0,012	0,296	-0,002	0,013	0,043	FALSE
0,066	0,321	0,003	0,013	0,070	FALSE
-0,074	0,297	-0,003	0,012	0,097	FALSE
-0,143	0,304	-0,003	0,007	0,175	FALSE
-0,032	0,301	-0,001	0,010	0,046	FALSE
-0,042	0,312	-0,001	0,007	0,044	FALSE
0,020	0,316	0,001	0,011	0,032	FALSE
0,106	0,309	0,005	0,013	0,138	FALSE
0,073	0,308	0,002	0,012	0,072	FALSE
-0,131	0,312	-0,003	0,007	0,187	FALSE

0,071	0,312	0,002	0,010	0,062	FALSE
0,098	0,286	0,003	0,012	0,094	FALSE
-0,001	0,304	0,000	0,009	0,011	FALSE
0,056	0,295	0,002	0,010	0,068	FALSE
-0,114	0,301	-0,003	0,009	0,158	FALSE
-0,036	0,311	-0,001	0,011	0,023	FALSE
-0,079	0,320	-0,002	0,007	0,096	FALSE
0,083	0,307	0,002	0,006	0,103	FALSE
0,029	0,305	0,001	0,007	0,067	FALSE
-0,208	0,295	-0,006	0,010	0,267	FALSE
-0,077	0,302	-0,002	0,007	0,083	FALSE
0,009	0,301	0,001	0,012	0,028	FALSE
0,003	0,313	0,000	0,008	0,019	FALSE
0,087	0,308	0,003	0,008	0,146	FALSE
-0,017	0,316	0,000	0,008	0,020	FALSE
-0,022	0,320	-0,001	0,008	0,033	FALSE
-0,030	0,300	-0,001	0,012	0,025	FALSE
-0,152	0,281	-0,005	0,009	0,242	FALSE
0,050	0,298	0,000	0,007	0,022	FALSE
-0,075	0,323	-0,003	0,011	0,101	FALSE
-0,031	0,308	-0,001	0,008	0,046	FALSE
0,045	0,315	0,001	0,006	0,085	FALSE
-0,093	0,300	-0,004	0,011	0,157	FALSE
-0,011	0,309	0,000	0,008	0,012	FALSE
-0,083	0,324	-0,001	0,006	0,069	FALSE
-0,011	0,319	0,000	0,014	0,004	FALSE
0,129	0,318	0,003	0,007	0,145	FALSE
0,089	0,310	0,005	0,012	0,147	FALSE
0,100	0,308	0,005	0,012	0,179	FALSE
0,104	0,299	0,005	0,012	0,171	FALSE
0,095	0,309	0,005	0,012	0,153	FALSE
0,051	0,299	0,003	0,011	0,089	FALSE
0,102	0,296	0,005	0,012	0,173	FALSE
0,085	0,308	0,004	0,012	0,138	FALSE
-0,005	0,321	0,000	0,012	0,006	FALSE
-0,034	0,305	-0,001	0,012	0,045	FALSE
0,023	0,306	0,000	0,012	0,005	FALSE
-0,025	0,302	-0,001	0,010	0,043	FALSE
0,055	0,294	0,002	0,011	0,084	FALSE
0,000	0,332	0,000	0,011	0,001	FALSE
-0,004	0,323	-0,001	0,013	0,022	FALSE
-0,032	0,309	-0,001	0,010	0,033	FALSE
0,138	0,308	0,003	0,007	0,168	FALSE
0,020	0,300	0,001	0,012	0,028	FALSE
0,002	0,310	0,000	0,010	0,001	FALSE
-0,068	0,305	-0,004	0,012	0,110	FALSE
0,056	0,311	0,001	0,007	0,079	FALSE
-0,059	0,288	-0,002	0,010	0,072	FALSE
0,001	0,312	0,000	0,008	0,012	FALSE
-0,003	0,312	0,000	0,008	0,013	FALSE
-0,142	0,304	-0,004	0,007	0,227	FALSE
0,023	0,309	0,001	0,012	0,045	FALSE
-0,099	0,304	-0,004	0,012	0,146	FALSE

-0,118	0,315	-0,004	0,013	0,133	FALSE
-0,129	0,309	-0,005	0,013	0,163	FALSE
0,029	0,299	0,002	0,011	0,056	FALSE
-0,001	0,305	0,000	0,012	0,004	FALSE
0,092	0,292	0,002	0,006	0,120	FALSE
0,042	0,319	0,002	0,009	0,067	FALSE
0,031	0,314	0,001	0,008	0,055	FALSE
-0,142	0,314	-0,004	0,009	0,180	FALSE
-0,074	0,306	-0,002	0,007	0,118	FALSE
-0,039	0,317	-0,002	0,009	0,077	FALSE
0,033	0,305	0,000	0,010	0,003	FALSE
0,031	0,316	0,002	0,010	0,056	FALSE
0,106	0,307	0,004	0,010	0,146	FALSE
0,026	0,314	0,001	0,013	0,027	FALSE
-0,070	0,299	-0,002	0,009	0,096	FALSE
0,044	0,312	0,001	0,010	0,050	FALSE
-0,079	0,312	-0,002	0,009	0,096	FALSE
0,049	0,293	0,002	0,008	0,075	FALSE
-0,058	0,318	-0,001	0,009	0,057	FALSE
0,044	0,307	0,002	0,010	0,087	FALSE
-0,103	0,312	-0,003	0,012	0,106	FALSE
-0,105	0,299	-0,002	0,007	0,121	FALSE
-0,066	0,301	-0,002	0,008	0,102	FALSE
-0,101	0,319	-0,002	0,007	0,122	FALSE
0,013	0,316	0,000	0,008	0,013	FALSE
0,032	0,299	0,000	0,009	0,017	FALSE
-0,109	0,296	-0,004	0,010	0,162	FALSE
0,068	0,306	0,002	0,013	0,071	FALSE
0,088	0,310	0,002	0,007	0,136	FALSE
-0,101	0,306	-0,004	0,010	0,149	FALSE
0,027	0,305	0,001	0,011	0,018	FALSE
0,108	0,308	0,002	0,007	0,132	FALSE
-0,052	0,310	-0,001	0,013	0,035	FALSE
0,059	0,325	0,001	0,007	0,060	FALSE
-0,100	0,311	-0,002	0,007	0,128	FALSE
-0,069	0,299	-0,001	0,007	0,072	FALSE
-0,059	0,299	-0,002	0,010	0,082	FALSE
-0,041	0,308	-0,001	0,009	0,055	FALSE
0,049	0,302	0,002	0,010	0,094	FALSE
-0,042	0,316	-0,002	0,011	0,054	FALSE
-0,067	0,307	-0,002	0,011	0,080	FALSE
0,000	0,284	0,000	0,008	0,018	FALSE
-0,054	0,297	-0,001	0,006	0,086	FALSE
-0,080	0,304	-0,003	0,011	0,094	FALSE
-0,060	0,299	-0,003	0,012	0,081	FALSE
0,059	0,308	0,002	0,007	0,081	FALSE
-0,064	0,310	-0,002	0,008	0,070	FALSE
-0,002	0,311	-0,001	0,013	0,021	FALSE
-0,006	0,322	-0,001	0,013	0,017	FALSE
0,112	0,309	0,003	0,010	0,116	FALSE
0,138	0,300	0,006	0,013	0,178	FALSE
-0,145	0,305	-0,005	0,010	0,223	FALSE
0,042	0,293	0,002	0,010	0,057	FALSE

-0,087	0,303	-0,004	0,013	0,133	FALSE
-0,069	0,305	-0,002	0,008	0,101	FALSE
0,047	0,317	0,001	0,008	0,065	FALSE
-0,051	0,304	-0,001	0,009	0,054	FALSE
-0,052	0,305	-0,001	0,009	0,058	FALSE
-0,099	0,306	-0,003	0,009	0,122	FALSE
-0,117	0,296	-0,003	0,008	0,150	FALSE
0,151	0,291	0,005	0,010	0,213	FALSE
0,125	0,292	0,005	0,010	0,196	FALSE
0,078	0,301	0,003	0,011	0,113	FALSE
0,076	0,294	0,004	0,012	0,126	FALSE
-0,033	0,307	-0,002	0,009	0,063	FALSE
0,002	0,301	0,000	0,008	0,018	FALSE
0,123	0,307	0,005	0,011	0,180	FALSE
0,111	0,307	0,003	0,009	0,154	FALSE
0,064	0,317	0,003	0,011	0,107	FALSE
0,063	0,320	0,002	0,010	0,093	FALSE
-0,024	0,301	-0,001	0,007	0,052	FALSE
-0,104	0,309	-0,003	0,007	0,142	FALSE
-0,019	0,318	-0,001	0,010	0,033	FALSE
0,051	0,308	0,001	0,012	0,040	FALSE
-0,150	0,314	-0,006	0,012	0,212	FALSE
0,093	0,298	0,003	0,011	0,108	FALSE
-0,082	0,308	-0,003	0,010	0,112	FALSE
0,005	0,306	0,000	0,007	0,003	FALSE
0,053	0,299	0,001	0,011	0,044	FALSE
0,057	0,299	0,004	0,013	0,108	FALSE
0,035	0,310	0,002	0,011	0,062	FALSE
0,061	0,305	0,004	0,013	0,117	FALSE
0,131	0,303	0,004	0,010	0,148	FALSE
0,098	0,300	0,003	0,010	0,105	FALSE
0,093	0,309	0,003	0,008	0,132	FALSE
-0,001	0,315	0,000	0,012	0,004	FALSE
0,094	0,299	0,002	0,006	0,108	FALSE
-0,041	0,285	-0,001	0,007	0,057	FALSE
-0,051	0,315	-0,001	0,008	0,063	FALSE
0,002	0,302	0,000	0,008	0,021	FALSE
-0,016	0,310	0,000	0,010	0,005	FALSE
-0,079	0,299	-0,002	0,008	0,104	FALSE
0,086	0,292	0,004	0,010	0,141	FALSE
-0,021	0,302	-0,001	0,012	0,015	FALSE
-0,098	0,309	-0,003	0,012	0,110	FALSE
-0,118	0,303	-0,003	0,006	0,187	FALSE
0,014	0,307	0,000	0,008	0,008	FALSE
0,097	0,300	0,002	0,007	0,141	FALSE
0,020	0,307	0,001	0,012	0,015	FALSE
0,000	0,312	0,000	0,010	0,011	FALSE
-0,071	0,308	-0,003	0,012	0,086	FALSE
0,068	0,300	0,004	0,013	0,114	FALSE
0,090	0,297	0,003	0,010	0,129	FALSE
-0,078	0,302	-0,002	0,006	0,123	FALSE
0,068	0,309	0,002	0,013	0,052	FALSE
0,141	0,300	0,004	0,011	0,167	FALSE

0,099	0,299	0,002	0,007	0,122	FALSE
0,042	0,302	0,001	0,007	0,074	FALSE
-0,001	0,301	0,001	0,012	0,016	FALSE
-0,123	0,296	-0,003	0,007	0,140	FALSE
0,015	0,324	0,001	0,012	0,016	FALSE
-0,016	0,322	-0,001	0,009	0,024	FALSE
-0,038	0,291	-0,001	0,009	0,023	FALSE
0,090	0,314	0,002	0,007	0,123	FALSE
0,076	0,312	0,002	0,007	0,104	FALSE
0,023	0,319	0,001	0,009	0,048	FALSE
-0,051	0,292	-0,002	0,011	0,052	FALSE
0,032	0,310	0,001	0,010	0,039	FALSE
0,043	0,306	0,001	0,009	0,055	FALSE
-0,013	0,311	-0,001	0,013	0,023	FALSE
-0,008	0,313	0,000	0,007	0,016	FALSE
-0,002	0,297	0,000	0,006	0,018	FALSE
0,053	0,298	0,001	0,008	0,042	FALSE
-0,010	0,310	0,000	0,008	0,007	FALSE
-0,201	0,302	-0,005	0,007	0,286	FALSE
0,024	0,318	0,001	0,008	0,036	FALSE
0,018	0,322	0,000	0,013	0,004	FALSE
0,140	0,297	0,006	0,012	0,193	FALSE
0,034	0,302	0,000	0,008	0,021	FALSE
0,044	0,298	0,002	0,011	0,062	FALSE
-0,027	0,302	-0,001	0,012	0,022	FALSE
-0,011	0,320	0,000	0,009	0,002	FALSE
0,004	0,322	0,000	0,007	0,004	FALSE
-0,089	0,310	-0,003	0,009	0,107	FALSE
-0,006	0,298	0,000	0,013	0,013	FALSE
0,140	0,301	0,004	0,010	0,163	FALSE
-0,122	0,302	-0,005	0,012	0,170	FALSE
0,026	0,326	0,002	0,010	0,054	FALSE
-0,063	0,303	-0,002	0,008	0,095	FALSE
0,010	0,308	0,001	0,008	0,024	FALSE
-0,037	0,312	-0,002	0,012	0,050	FALSE
0,048	0,310	0,001	0,007	0,030	FALSE
-0,018	0,308	-0,001	0,011	0,047	FALSE
-0,086	0,303	-0,004	0,011	0,139	FALSE
-0,026	0,300	-0,002	0,010	0,068	FALSE
0,103	0,308	0,003	0,010	0,132	FALSE
-0,125	0,303	-0,004	0,009	0,168	FALSE
0,083	0,305	0,003	0,012	0,105	FALSE
0,012	0,304	0,000	0,007	0,000	FALSE
-0,002	0,304	0,000	0,007	0,004	FALSE
-0,043	0,309	-0,001	0,007	0,054	FALSE
-0,031	0,311	0,000	0,007	0,022	FALSE
0,099	0,319	0,003	0,012	0,110	FALSE
0,111	0,309	0,003	0,007	0,140	FALSE
0,055	0,320	0,001	0,007	0,068	FALSE
-0,061	0,295	-0,001	0,007	0,038	FALSE
0,130	0,304	0,006	0,012	0,192	FALSE
0,022	0,313	0,001	0,011	0,041	FALSE
0,008	0,318	0,000	0,007	0,002	FALSE

-0,115	0,287	-0,004	0,011	0,169	FALSE
-0,142	0,307	-0,006	0,011	0,216	FALSE
-0,018	0,310	0,000	0,008	0,021	FALSE
0,072	0,305	0,001	0,007	0,068	FALSE
0,052	0,301	0,001	0,009	0,055	FALSE
0,039	0,314	0,001	0,008	0,042	FALSE
0,018	0,311	0,001	0,009	0,053	FALSE
0,050	0,302	0,001	0,009	0,044	FALSE
0,086	0,309	0,002	0,008	0,112	FALSE
0,083	0,311	0,003	0,010	0,118	FALSE
-0,022	0,312	0,000	0,009	0,014	FALSE
-0,001	0,300	0,000	0,013	0,011	FALSE
0,014	0,304	0,002	0,012	0,046	FALSE
-0,010	0,309	0,000	0,012	0,006	FALSE
-0,008	0,306	0,000	0,012	0,009	FALSE
0,008	0,318	0,000	0,013	0,005	FALSE
0,051	0,306	0,001	0,007	0,051	FALSE
0,068	0,323	0,003	0,013	0,092	FALSE
-0,020	0,313	-0,001	0,011	0,041	FALSE
-0,005	0,315	0,000	0,012	0,003	FALSE
0,045	0,305	0,000	0,007	0,019	FALSE
-0,153	0,289	-0,004	0,008	0,203	FALSE
-0,080	0,301	-0,002	0,010	0,088	FALSE
-0,066	0,305	-0,002	0,009	0,079	FALSE
-0,095	0,313	-0,003	0,007	0,135	FALSE
-0,024	0,318	-0,001	0,009	0,023	FALSE
-0,044	0,310	-0,002	0,010	0,064	FALSE
0,065	0,316	0,002	0,010	0,081	FALSE
0,054	0,310	0,001	0,008	0,058	FALSE
-0,130	0,307	-0,004	0,009	0,175	FALSE
-0,020	0,289	-0,001	0,008	0,059	FALSE
-0,043	0,315	-0,003	0,011	0,086	FALSE
0,059	0,298	0,002	0,012	0,059	FALSE
0,052	0,317	0,001	0,008	0,040	FALSE
0,154	0,291	0,005	0,008	0,249	FALSE
0,048	0,306	0,001	0,007	0,045	FALSE
-0,001	0,308	0,001	0,012	0,017	FALSE
-0,020	0,326	0,000	0,009	0,014	FALSE
-0,060	0,307	-0,002	0,011	0,063	FALSE
0,037	0,313	0,001	0,010	0,032	FALSE
-0,087	0,302	-0,003	0,010	0,111	FALSE
0,083	0,306	0,002	0,009	0,099	FALSE
-0,019	0,309	-0,001	0,013	0,018	FALSE
-0,052	0,311	-0,002	0,013	0,064	FALSE
-0,022	0,315	-0,001	0,012	0,025	FALSE
0,009	0,299	0,000	0,010	0,012	FALSE
-0,101	0,313	-0,004	0,012	0,133	FALSE
-0,073	0,302	-0,002	0,007	0,107	FALSE
0,027	0,299	0,001	0,008	0,037	FALSE
0,041	0,308	0,001	0,007	0,063	FALSE
0,090	0,303	0,002	0,010	0,079	FALSE
0,121	0,310	0,004	0,009	0,164	FALSE
-0,099	0,304	-0,002	0,007	0,138	FALSE

-0,054	0,314	-0,002	0,012	0,064	FALSE
-0,023	0,311	0,000	0,010	0,005	FALSE
-0,077	0,312	-0,003	0,012	0,103	FALSE
0,109	0,311	0,004	0,009	0,169	FALSE
-0,049	0,311	-0,001	0,008	0,026	FALSE
0,091	0,301	0,002	0,009	0,095	FALSE
-0,038	0,302	-0,001	0,007	0,062	FALSE
0,014	0,293	0,000	0,007	0,012	FALSE
-0,105	0,315	-0,003	0,009	0,137	FALSE
-0,046	0,312	-0,002	0,010	0,057	FALSE
-0,057	0,312	-0,001	0,008	0,067	FALSE
-0,072	0,302	-0,002	0,007	0,084	FALSE
0,008	0,319	0,000	0,008	0,020	FALSE
-0,054	0,326	-0,002	0,010	0,057	FALSE
-0,091	0,300	-0,003	0,010	0,114	FALSE
-0,090	0,310	-0,003	0,010	0,105	FALSE
-0,104	0,302	-0,003	0,007	0,167	FALSE
-0,094	0,316	-0,005	0,013	0,147	FALSE
0,049	0,310	0,001	0,007	0,068	FALSE
-0,070	0,302	-0,002	0,008	0,087	FALSE
-0,150	0,306	-0,004	0,008	0,196	FALSE
-0,053	0,310	-0,002	0,011	0,076	FALSE
-0,002	0,327	0,000	0,012	0,004	FALSE
0,140	0,301	0,003	0,007	0,170	FALSE
0,061	0,309	0,002	0,007	0,096	FALSE
-0,056	0,310	-0,002	0,009	0,071	FALSE
-0,047	0,310	-0,001	0,007	0,065	FALSE
0,079	0,315	0,001	0,006	0,071	FALSE
0,007	0,318	0,000	0,009	0,017	FALSE
-0,134	0,294	-0,004	0,010	0,177	FALSE
0,030	0,299	0,001	0,012	0,024	FALSE
-0,112	0,310	-0,004	0,010	0,146	FALSE
-0,038	0,286	-0,001	0,011	0,024	FALSE
-0,053	0,277	-0,002	0,010	0,089	FALSE
0,080	0,306	0,001	0,006	0,074	FALSE
-0,033	0,304	-0,001	0,008	0,025	FALSE
0,107	0,303	0,003	0,010	0,144	FALSE
0,055	0,306	0,001	0,007	0,068	FALSE
-0,077	0,310	-0,004	0,012	0,126	FALSE
0,006	0,312	0,001	0,009	0,036	FALSE
0,013	0,305	0,000	0,007	0,015	FALSE
0,111	0,300	0,005	0,013	0,169	FALSE
0,095	0,310	0,005	0,013	0,143	FALSE
0,154	0,320	0,004	0,008	0,215	FALSE
0,043	0,291	0,001	0,009	0,033	FALSE
-0,032	0,303	-0,001	0,007	0,039	FALSE
-0,032	0,314	-0,001	0,008	0,033	FALSE
-0,022	0,297	0,000	0,008	0,016	FALSE
-0,082	0,297	-0,001	0,007	0,068	FALSE
-0,076	0,307	-0,002	0,010	0,076	FALSE
-0,108	0,290	-0,004	0,009	0,208	FALSE
-0,107	0,298	-0,004	0,012	0,127	FALSE
-0,052	0,323	-0,002	0,010	0,068	FALSE

-0,049	0,296	-0,003	0,011	0,093	FALSE
-0,036	0,295	-0,002	0,008	0,075	FALSE
-0,049	0,299	-0,001	0,007	0,028	FALSE
0,054	0,324	0,002	0,012	0,058	FALSE
0,108	0,298	0,003	0,010	0,136	FALSE
0,044	0,317	0,001	0,008	0,056	FALSE
-0,081	0,301	-0,002	0,009	0,099	FALSE
0,040	0,308	0,001	0,007	0,049	FALSE
0,140	0,293	0,003	0,007	0,174	FALSE
-0,094	0,312	-0,003	0,010	0,126	FALSE
0,007	0,317	0,000	0,012	0,010	FALSE
-0,028	0,311	-0,001	0,007	0,042	FALSE
-0,054	0,302	-0,002	0,012	0,063	FALSE
0,169	0,297	0,004	0,007	0,260	FALSE
0,008	0,317	0,001	0,008	0,021	FALSE
-0,015	0,296	0,000	0,010	0,015	FALSE
-0,021	0,286	0,000	0,010	0,010	FALSE
0,024	0,304	0,000	0,009	0,017	FALSE
0,090	0,302	0,002	0,010	0,084	FALSE
-0,028	0,299	-0,001	0,010	0,034	FALSE
-0,011	0,307	0,000	0,012	0,010	FALSE
0,036	0,291	0,001	0,008	0,056	FALSE
0,017	0,319	0,001	0,012	0,025	FALSE
0,086	0,317	0,003	0,009	0,114	FALSE
-0,028	0,323	0,000	0,008	0,008	FALSE
0,022	0,318	0,000	0,012	0,008	FALSE
0,014	0,306	0,001	0,008	0,030	FALSE
0,011	0,322	0,001	0,008	0,023	FALSE
0,144	0,297	0,005	0,012	0,193	FALSE
-0,167	0,292	-0,005	0,009	0,253	FALSE
-0,110	0,308	-0,005	0,012	0,169	FALSE
0,032	0,299	0,001	0,011	0,044	FALSE
0,064	0,307	0,001	0,007	0,062	FALSE
0,210	0,294	0,006	0,009	0,335	FALSE
0,008	0,301	0,000	0,007	0,021	FALSE
-0,024	0,302	-0,001	0,009	0,043	FALSE
-0,011	0,306	0,000	0,007	0,001	FALSE
-0,043	0,322	-0,001	0,010	0,044	FALSE
0,035	0,289	0,001	0,008	0,054	FALSE
0,029	0,306	0,001	0,006	0,042	FALSE
-0,005	0,307	0,000	0,010	0,007	FALSE
0,059	0,304	0,001	0,008	0,056	FALSE
0,035	0,309	0,001	0,008	0,060	FALSE
-0,093	0,309	-0,002	0,008	0,111	FALSE
-0,086	0,305	-0,003	0,010	0,105	FALSE
0,244	0,268	0,011	0,012	0,442	FALSE
-0,123	0,307	-0,005	0,013	0,160	FALSE
-0,111	0,312	-0,004	0,009	0,170	FALSE
0,083	0,303	0,003	0,010	0,129	FALSE
-0,072	0,309	-0,003	0,013	0,095	FALSE
0,041	0,313	0,002	0,013	0,046	FALSE
-0,023	0,301	-0,001	0,012	0,020	FALSE
-0,071	0,310	-0,002	0,007	0,084	FALSE

-0,002	0,305	0,000	0,008	0,019	FALSE
0,073	0,310	0,002	0,013	0,059	FALSE
-0,022	0,327	-0,001	0,012	0,028	FALSE
-0,015	0,309	0,000	0,008	0,017	FALSE
-0,035	0,319	0,000	0,006	0,025	FALSE
0,013	0,309	0,000	0,008	0,021	FALSE
-0,095	0,305	-0,003	0,013	0,091	FALSE
0,126	0,311	0,004	0,008	0,182	FALSE
-0,144	0,294	-0,005	0,012	0,165	FALSE
-0,147	0,285	-0,005	0,012	0,188	FALSE
-0,153	0,284	-0,005	0,012	0,193	FALSE
-0,146	0,295	-0,005	0,012	0,184	FALSE
-0,050	0,295	-0,002	0,009	0,086	FALSE
-0,114	0,298	-0,003	0,010	0,129	FALSE
-0,112	0,300	-0,005	0,013	0,144	FALSE
-0,017	0,302	-0,001	0,012	0,022	FALSE
0,022	0,300	0,001	0,009	0,035	FALSE
0,128	0,312	0,006	0,012	0,188	FALSE
0,042	0,305	0,001	0,009	0,041	FALSE
0,096	0,306	0,002	0,007	0,106	FALSE
0,013	0,305	0,001	0,007	0,041	FALSE
0,050	0,317	0,001	0,009	0,053	FALSE
-0,046	0,310	-0,002	0,011	0,054	FALSE
-0,107	0,307	-0,003	0,008	0,126	FALSE
0,076	0,317	0,001	0,007	0,072	FALSE
-0,068	0,296	-0,003	0,011	0,087	FALSE
-0,078	0,311	-0,003	0,010	0,117	FALSE
0,018	0,307	0,000	0,011	0,008	FALSE
0,015	0,314	0,001	0,011	0,021	FALSE
-0,047	0,306	-0,002	0,013	0,055	FALSE
-0,027	0,311	-0,001	0,013	0,024	FALSE
-0,002	0,314	0,000	0,013	0,007	FALSE
0,083	0,298	0,002	0,009	0,109	FALSE
-0,021	0,304	-0,002	0,009	0,071	FALSE
0,146	0,293	0,006	0,011	0,265	FALSE
-0,002	0,320	0,001	0,013	0,014	FALSE
0,073	0,306	0,002	0,007	0,091	FALSE
0,024	0,305	0,002	0,012	0,051	FALSE
0,075	0,294	0,002	0,010	0,065	FALSE
-0,173	0,318	-0,005	0,008	0,258	FALSE
-0,144	0,314	-0,004	0,007	0,218	FALSE
0,053	0,297	0,002	0,011	0,081	FALSE
-0,038	0,298	-0,002	0,013	0,051	FALSE
0,014	0,285	0,001	0,012	0,027	FALSE
0,181	0,313	0,005	0,008	0,255	FALSE
-0,261	0,297	-0,009	0,010	0,425	FALSE
-0,099	0,301	-0,003	0,007	0,156	FALSE
0,037	0,306	0,001	0,010	0,028	FALSE
0,099	0,316	0,003	0,007	0,155	FALSE
0,069	0,314	0,001	0,007	0,069	FALSE
-0,170	0,298	-0,008	0,012	0,272	FALSE
-0,037	0,306	-0,001	0,008	0,040	FALSE
-0,078	0,322	-0,004	0,013	0,105	FALSE

0,035	0,308	0,000	0,007	0,014	FALSE
0,072	0,307	0,001	0,007	0,079	FALSE
0,033	0,316	0,001	0,007	0,036	FALSE
0,056	0,319	0,001	0,007	0,070	FALSE
0,057	0,297	0,003	0,012	0,093	FALSE
0,027	0,319	0,002	0,013	0,054	FALSE
0,083	0,306	0,003	0,012	0,083	FALSE
0,055	0,300	0,003	0,013	0,101	FALSE
0,007	0,314	0,000	0,013	0,002	FALSE
0,095	0,316	0,003	0,011	0,123	FALSE
-0,011	0,315	-0,001	0,010	0,045	FALSE
0,007	0,319	0,000	0,007	0,008	FALSE
0,129	0,299	0,006	0,012	0,199	FALSE
0,041	0,314	0,001	0,010	0,045	FALSE
-0,023	0,304	0,000	0,008	0,021	FALSE
-0,049	0,312	-0,002	0,010	0,060	FALSE
-0,019	0,313	-0,001	0,011	0,028	FALSE
-0,034	0,305	-0,001	0,006	0,031	FALSE
-0,104	0,319	-0,003	0,009	0,121	FALSE
-0,117	0,312	-0,003	0,009	0,146	FALSE
0,114	0,307	0,003	0,010	0,147	FALSE
-0,008	0,295	0,000	0,006	0,008	FALSE
0,101	0,308	0,004	0,012	0,142	FALSE
-0,130	0,295	-0,004	0,008	0,188	FALSE
0,122	0,306	0,004	0,010	0,154	FALSE
-0,051	0,310	-0,002	0,012	0,066	FALSE
-0,027	0,312	-0,001	0,008	0,030	FALSE
-0,069	0,319	-0,003	0,013	0,092	FALSE
-0,121	0,297	-0,003	0,007	0,149	FALSE
-0,083	0,295	-0,003	0,012	0,085	FALSE
0,007	0,308	0,001	0,008	0,027	FALSE
-0,020	0,308	0,000	0,012	0,003	FALSE
-0,024	0,317	-0,001	0,008	0,032	FALSE
-0,102	0,312	-0,003	0,010	0,135	FALSE
0,072	0,317	0,003	0,013	0,103	FALSE
0,118	0,312	0,003	0,007	0,158	FALSE
-0,013	0,304	-0,002	0,012	0,049	FALSE
0,050	0,311	0,002	0,009	0,091	FALSE
0,075	0,307	0,004	0,013	0,118	FALSE
-0,013	0,322	0,000	0,007	0,002	FALSE
-0,053	0,308	-0,002	0,009	0,095	FALSE
0,120	0,299	0,005	0,010	0,194	FALSE
-0,045	0,302	-0,001	0,007	0,064	FALSE
-0,024	0,294	-0,001	0,006	0,041	FALSE
-0,047	0,320	-0,002	0,012	0,064	FALSE
-0,133	0,317	-0,005	0,012	0,173	FALSE
0,138	0,305	0,004	0,009	0,180	FALSE
-0,093	0,318	-0,003	0,010	0,112	FALSE
0,051	0,303	0,001	0,007	0,068	FALSE
-0,095	0,305	-0,003	0,009	0,141	FALSE
-0,015	0,302	0,000	0,007	0,012	FALSE
-0,096	0,311	-0,003	0,009	0,143	FALSE
0,034	0,300	0,001	0,012	0,044	FALSE

0,090	0,310	0,002	0,007	0,111	FALSE
0,007	0,308	0,000	0,012	0,015	FALSE
-0,007	0,299	0,000	0,008	0,020	FALSE
0,023	0,312	0,000	0,012	0,004	FALSE
0,021	0,317	0,000	0,012	0,004	FALSE
0,084	0,310	0,003	0,008	0,131	FALSE
0,161	0,291	0,007	0,011	0,260	FALSE
0,110	0,319	0,003	0,009	0,147	FALSE
0,008	0,311	0,000	0,007	0,001	FALSE
0,057	0,309	0,001	0,009	0,042	FALSE
-0,011	0,307	-0,001	0,013	0,016	FALSE
0,088	0,306	0,003	0,008	0,124	FALSE
-0,039	0,298	-0,001	0,011	0,039	FALSE
0,055	0,311	0,002	0,009	0,088	FALSE
-0,052	0,298	-0,003	0,012	0,092	FALSE
-0,043	0,305	-0,001	0,011	0,050	FALSE
0,030	0,293	0,001	0,010	0,032	FALSE
-0,084	0,285	-0,003	0,010	0,101	FALSE
-0,131	0,291	-0,004	0,011	0,159	FALSE
-0,063	0,312	-0,001	0,010	0,047	FALSE
-0,024	0,311	-0,001	0,012	0,037	FALSE
-0,020	0,298	-0,001	0,009	0,033	FALSE
-0,014	0,310	0,000	0,011	0,007	FALSE
-0,127	0,309	-0,005	0,011	0,187	FALSE
0,017	0,318	0,000	0,010	0,008	FALSE
-0,066	0,313	-0,001	0,006	0,071	FALSE
-0,018	0,311	0,000	0,009	0,019	FALSE
-0,081	0,307	-0,002	0,008	0,083	FALSE
-0,073	0,315	-0,001	0,007	0,081	FALSE
0,041	0,290	0,001	0,008	0,024	FALSE
0,131	0,305	0,005	0,010	0,187	FALSE
0,142	0,307	0,004	0,009	0,181	FALSE
-0,061	0,309	-0,002	0,008	0,076	FALSE
0,083	0,316	0,003	0,011	0,087	FALSE
0,078	0,313	0,003	0,010	0,115	FALSE
0,056	0,323	0,002	0,013	0,061	FALSE
0,101	0,298	0,005	0,012	0,166	FALSE
0,064	0,297	0,003	0,012	0,108	FALSE
0,101	0,306	0,005	0,012	0,158	FALSE
-0,129	0,305	-0,004	0,009	0,180	FALSE
-0,150	0,303	-0,006	0,011	0,246	FALSE
0,170	0,316	0,006	0,011	0,232	FALSE
0,143	0,304	0,004	0,010	0,185	FALSE
-0,032	0,307	-0,002	0,012	0,047	FALSE
-0,027	0,306	-0,001	0,007	0,032	FALSE
-0,002	0,320	0,001	0,007	0,035	FALSE
-0,038	0,304	-0,001	0,012	0,033	FALSE
0,031	0,321	0,001	0,013	0,041	FALSE
0,008	0,309	0,001	0,013	0,014	FALSE
0,133	0,300	0,003	0,007	0,177	FALSE
0,085	0,290	0,003	0,012	0,110	FALSE
0,002	0,312	0,000	0,012	0,003	FALSE
0,069	0,327	0,003	0,012	0,088	FALSE

0,083	0,303	0,003	0,011	0,114	FALSE
0,090	0,311	0,003	0,012	0,103	FALSE
0,035	0,315	0,001	0,007	0,066	FALSE
0,088	0,304	0,003	0,011	0,111	FALSE
0,054	0,312	0,002	0,009	0,074	FALSE
0,077	0,300	0,003	0,012	0,110	FALSE
-0,040	0,293	-0,001	0,010	0,049	FALSE
-0,067	0,317	-0,002	0,008	0,070	FALSE
0,043	0,303	0,002	0,013	0,064	FALSE
-0,033	0,313	-0,001	0,008	0,033	FALSE
0,048	0,301	0,001	0,007	0,029	FALSE
-0,116	0,292	-0,003	0,006	0,174	FALSE
-0,170	0,305	-0,006	0,010	0,258	FALSE
-0,156	0,308	-0,005	0,010	0,218	TRUE
-0,085	0,322	-0,003	0,010	0,117	FALSE
-0,130	0,301	-0,005	0,010	0,200	FALSE
0,084	0,317	0,003	0,010	0,129	FALSE
0,076	0,317	0,002	0,010	0,075	FALSE
-0,068	0,300	-0,002	0,013	0,055	FALSE
0,029	0,310	0,001	0,009	0,032	FALSE
-0,040	0,295	-0,002	0,010	0,057	FALSE
-0,015	0,309	0,000	0,007	0,006	FALSE
0,066	0,305	0,003	0,011	0,101	FALSE
0,017	0,311	0,001	0,010	0,021	FALSE
0,059	0,306	0,001	0,010	0,047	FALSE
-0,025	0,301	-0,001	0,010	0,044	FALSE
-0,017	0,310	-0,001	0,010	0,021	FALSE
-0,155	0,307	-0,004	0,007	0,213	FALSE
0,101	0,306	0,002	0,007	0,094	FALSE
0,080	0,308	0,002	0,008	0,099	FALSE
-0,051	0,318	-0,002	0,012	0,074	FALSE
-0,044	0,298	-0,001	0,010	0,046	FALSE
-0,015	0,302	-0,001	0,013	0,019	FALSE
0,011	0,290	0,000	0,012	0,001	FALSE
0,006	0,314	0,000	0,013	0,004	FALSE
0,009	0,306	0,000	0,012	0,011	FALSE
0,074	0,304	0,003	0,013	0,073	FALSE
0,141	0,308	0,004	0,008	0,196	FALSE
0,035	0,300	0,001	0,010	0,041	FALSE
0,065	0,294	0,002	0,010	0,088	FALSE
0,035	0,297	0,001	0,010	0,046	FALSE
0,089	0,295	0,003	0,011	0,117	FALSE
0,021	0,301	0,001	0,011	0,021	FALSE
0,072	0,302	0,003	0,011	0,089	FALSE
0,104	0,300	0,004	0,011	0,148	FALSE
0,123	0,302	0,005	0,012	0,170	FALSE
0,114	0,297	0,003	0,008	0,136	FALSE
0,022	0,303	0,000	0,007	0,021	FALSE
0,001	0,300	0,001	0,013	0,023	FALSE
0,036	0,304	0,000	0,007	0,023	FALSE
-0,066	0,323	-0,002	0,008	0,091	FALSE
0,024	0,303	0,001	0,007	0,028	FALSE
0,047	0,310	0,001	0,010	0,047	FALSE

0,103	0,303	0,003	0,009	0,131	FALSE
-0,062	0,310	-0,002	0,009	0,067	FALSE
-0,049	0,302	-0,002	0,012	0,049	FALSE
-0,055	0,316	-0,002	0,012	0,048	FALSE
-0,047	0,322	-0,002	0,009	0,066	FALSE
0,088	0,311	0,002	0,009	0,097	FALSE
-0,061	0,315	-0,001	0,007	0,074	FALSE
0,025	0,309	0,001	0,008	0,032	FALSE
0,062	0,299	0,001	0,006	0,079	FALSE
-0,044	0,309	-0,001	0,009	0,037	FALSE
-0,078	0,318	-0,003	0,013	0,082	FALSE
-0,081	0,310	-0,004	0,012	0,143	FALSE
0,001	0,312	-0,001	0,010	0,025	FALSE
-0,046	0,319	-0,002	0,011	0,069	FALSE
0,003	0,315	0,000	0,008	0,013	FALSE
0,129	0,313	0,005	0,012	0,170	FALSE
0,093	0,298	0,004	0,012	0,127	FALSE
0,111	0,297	0,004	0,011	0,147	FALSE
-0,184	0,305	-0,008	0,012	0,315	FALSE
0,122	0,304	0,006	0,012	0,215	FALSE
-0,151	0,312	-0,004	0,007	0,226	FALSE
-0,016	0,314	0,000	0,011	0,015	FALSE
-0,072	0,307	-0,003	0,010	0,125	FALSE
0,122	0,306	0,005	0,010	0,192	FALSE
0,073	0,291	0,002	0,007	0,101	FALSE
-0,044	0,315	-0,001	0,007	0,074	FALSE
0,096	0,312	0,002	0,010	0,090	FALSE
0,012	0,310	0,000	0,008	0,010	FALSE
0,015	0,299	0,000	0,008	0,020	FALSE
-0,041	0,311	-0,001	0,007	0,043	FALSE
0,014	0,314	0,001	0,007	0,038	FALSE
-0,031	0,296	-0,002	0,009	0,064	FALSE
-0,154	0,311	-0,004	0,009	0,173	FALSE
0,015	0,314	0,000	0,013	0,010	FALSE
0,073	0,320	0,002	0,007	0,111	FALSE
-0,133	0,303	-0,005	0,010	0,198	FALSE
-0,022	0,316	0,000	0,007	0,020	FALSE
0,147	0,291	0,007	0,013	0,230	FALSE
-0,002	0,297	0,000	0,010	0,004	FALSE
0,004	0,318	0,000	0,010	0,015	FALSE
0,021	0,306	0,000	0,006	0,022	FALSE
0,086	0,299	0,004	0,012	0,122	FALSE
0,080	0,307	0,002	0,007	0,093	FALSE
-0,044	0,307	-0,001	0,009	0,059	FALSE
-0,028	0,306	-0,001	0,009	0,049	FALSE
0,003	0,296	0,000	0,007	0,007	FALSE
-0,004	0,314	0,000	0,011	0,016	FALSE
-0,053	0,310	-0,001	0,007	0,040	FALSE
-0,027	0,314	0,000	0,007	0,016	FALSE
0,090	0,308	0,003	0,010	0,123	FALSE
0,105	0,300	0,003	0,006	0,181	FALSE
0,094	0,294	0,005	0,012	0,176	FALSE
0,081	0,304	0,002	0,007	0,120	FALSE

0,072	0,311	0,002	0,009	0,077	FALSE
0,037	0,318	0,001	0,008	0,046	FALSE
0,012	0,311	0,000	0,008	0,014	FALSE
0,100	0,308	0,004	0,011	0,123	FALSE
-0,027	0,312	-0,001	0,010	0,043	FALSE
-0,052	0,304	-0,001	0,007	0,046	FALSE
-0,117	0,303	-0,003	0,007	0,159	FALSE
-0,062	0,306	-0,002	0,006	0,103	FALSE
-0,058	0,317	-0,002	0,013	0,054	FALSE
0,117	0,295	0,004	0,009	0,177	FALSE
0,086	0,305	0,003	0,009	0,122	FALSE
-0,126	0,299	-0,005	0,012	0,177	FALSE
-0,132	0,294	-0,005	0,011	0,187	FALSE
-0,119	0,298	-0,005	0,011	0,173	FALSE
-0,127	0,307	-0,005	0,012	0,172	FALSE
-0,111	0,308	-0,005	0,012	0,155	FALSE
-0,149	0,299	-0,006	0,013	0,212	FALSE
-0,128	0,291	-0,005	0,012	0,195	FALSE
-0,120	0,306	-0,005	0,012	0,159	FALSE
-0,134	0,306	-0,006	0,012	0,198	FALSE
0,054	0,302	0,002	0,010	0,070	FALSE
0,057	0,303	0,002	0,010	0,079	FALSE
0,069	0,309	0,001	0,008	0,071	FALSE
-0,111	0,304	-0,004	0,013	0,140	FALSE
0,014	0,322	-0,001	0,010	0,021	FALSE
0,019	0,308	0,000	0,007	0,018	FALSE
-0,059	0,305	-0,003	0,013	0,080	FALSE
-0,036	0,303	-0,001	0,007	0,046	FALSE
0,013	0,314	0,000	0,009	0,011	FALSE
-0,041	0,316	-0,001	0,010	0,021	FALSE
0,012	0,306	0,000	0,007	0,015	FALSE
0,105	0,311	0,002	0,007	0,150	FALSE
0,044	0,305	0,001	0,010	0,052	FALSE
-0,011	0,309	-0,001	0,009	0,039	FALSE
-0,106	0,306	-0,003	0,010	0,140	FALSE
-0,005	0,302	-0,001	0,008	0,030	FALSE
0,011	0,314	0,001	0,010	0,025	FALSE
-0,030	0,310	-0,001	0,009	0,039	FALSE
-0,024	0,303	-0,001	0,008	0,037	FALSE
-0,096	0,308	-0,002	0,007	0,102	FALSE
-0,096	0,305	-0,004	0,010	0,152	FALSE
-0,113	0,299	-0,003	0,006	0,166	FALSE
0,131	0,306	0,004	0,008	0,182	FALSE
0,094	0,296	0,002	0,007	0,105	FALSE
0,079	0,304	0,002	0,009	0,106	FALSE
0,045	0,299	0,001	0,007	0,047	FALSE
0,022	0,312	0,000	0,007	0,026	FALSE
-0,015	0,298	0,000	0,007	0,002	FALSE
-0,085	0,291	-0,002	0,008	0,095	FALSE
0,052	0,297	0,001	0,011	0,048	FALSE
-0,004	0,305	0,000	0,010	0,001	FALSE
-0,034	0,316	-0,001	0,013	0,026	FALSE
0,098	0,303	0,002	0,008	0,115	FALSE

0,135	0,301	0,004	0,009	0,174	FALSE
-0,081	0,303	-0,001	0,007	0,077	FALSE
-0,057	0,305	-0,001	0,007	0,065	FALSE
-0,060	0,292	-0,001	0,006	0,045	FALSE
-0,103	0,308	-0,002	0,007	0,115	FALSE
0,042	0,305	0,002	0,010	0,083	FALSE
0,053	0,315	0,002	0,012	0,059	FALSE
-0,170	0,296	-0,005	0,009	0,245	FALSE
0,020	0,294	0,000	0,006	0,006	FALSE
0,031	0,305	0,001	0,009	0,042	FALSE
0,024	0,301	0,001	0,011	0,040	FALSE
0,068	0,304	0,002	0,012	0,064	FALSE
0,105	0,311	0,006	0,013	0,179	FALSE
0,083	0,291	0,002	0,006	0,100	FALSE
0,067	0,307	0,003	0,009	0,113	FALSE
0,144	0,299	0,003	0,006	0,196	FALSE
0,148	0,299	0,004	0,009	0,189	FALSE
-0,044	0,296	0,000	0,006	0,016	FALSE
0,125	0,310	0,003	0,008	0,154	FALSE
-0,030	0,307	-0,001	0,007	0,052	FALSE
0,141	0,311	0,003	0,007	0,195	FALSE
0,134	0,302	0,003	0,007	0,187	FALSE
-0,117	0,306	-0,003	0,007	0,161	FALSE
0,225	0,296	0,007	0,010	0,317	FALSE
0,015	0,308	0,000	0,008	0,012	FALSE
-0,076	0,299	-0,002	0,012	0,076	FALSE
-0,147	0,288	-0,007	0,012	0,256	FALSE
-0,033	0,303	-0,001	0,012	0,020	FALSE
-0,039	0,308	-0,001	0,008	0,046	FALSE
-0,053	0,322	-0,001	0,008	0,065	FALSE
-0,048	0,314	-0,002	0,010	0,065	FALSE
-0,074	0,321	-0,002	0,013	0,064	FALSE
-0,043	0,299	-0,001	0,008	0,052	FALSE
0,104	0,303	0,002	0,006	0,141	FALSE
0,036	0,316	0,001	0,007	0,030	FALSE
-0,133	0,307	-0,004	0,008	0,171	FALSE
0,000	0,300	-0,001	0,011	0,036	FALSE
0,030	0,310	0,001	0,010	0,032	FALSE
-0,079	0,299	-0,003	0,010	0,125	FALSE
0,131	0,292	0,005	0,009	0,212	FALSE
0,016	0,308	0,000	0,008	0,011	FALSE
0,001	0,312	0,000	0,006	0,001	FALSE
-0,112	0,283	-0,004	0,011	0,155	FALSE
-0,069	0,297	-0,001	0,008	0,053	FALSE
-0,058	0,316	-0,002	0,009	0,070	FALSE
-0,063	0,301	-0,002	0,008	0,076	FALSE
0,038	0,318	0,001	0,011	0,034	FALSE
0,064	0,309	0,002	0,011	0,069	FALSE
0,073	0,311	0,002	0,008	0,090	FALSE
-0,079	0,312	-0,001	0,007	0,081	FALSE
-0,029	0,312	-0,002	0,013	0,071	FALSE
0,064	0,292	0,002	0,006	0,100	FALSE
-0,031	0,306	-0,001	0,012	0,023	FALSE

-0,030	0,318	-0,001	0,013	0,022	FALSE
-0,038	0,304	-0,001	0,012	0,039	FALSE
-0,033	0,293	-0,001	0,011	0,033	FALSE
-0,013	0,319	0,000	0,011	0,005	FALSE
0,024	0,301	0,000	0,006	0,002	FALSE
0,105	0,307	0,002	0,008	0,105	FALSE
-0,107	0,304	-0,003	0,011	0,119	FALSE
0,044	0,303	0,002	0,009	0,069	FALSE
-0,037	0,305	-0,001	0,008	0,026	FALSE
-0,078	0,299	-0,002	0,009	0,075	FALSE
0,134	0,309	0,005	0,011	0,192	FALSE
0,014	0,307	0,001	0,007	0,028	FALSE
0,064	0,297	0,001	0,006	0,087	FALSE
-0,055	0,298	-0,001	0,007	0,046	FALSE
-0,051	0,324	-0,001	0,008	0,041	FALSE
-0,072	0,300	-0,003	0,010	0,107	FALSE
-0,062	0,306	-0,003	0,011	0,090	FALSE
0,023	0,305	0,001	0,008	0,035	FALSE
-0,070	0,291	-0,001	0,006	0,092	FALSE
0,023	0,303	0,001	0,011	0,046	FALSE
0,013	0,305	0,001	0,010	0,021	FALSE
-0,045	0,294	-0,001	0,007	0,027	FALSE
0,115	0,301	0,003	0,009	0,159	FALSE
0,019	0,305	0,001	0,007	0,034	FALSE
0,041	0,299	0,001	0,011	0,038	FALSE
-0,190	0,310	-0,004	0,007	0,252	FALSE
0,004	0,299	0,001	0,012	0,034	FALSE
-0,028	0,316	-0,001	0,007	0,029	FALSE
-0,056	0,315	-0,002	0,012	0,053	FALSE
-0,187	0,296	-0,006	0,010	0,276	FALSE
-0,031	0,318	-0,001	0,010	0,030	FALSE
-0,032	0,297	-0,001	0,008	0,042	FALSE
-0,034	0,302	-0,001	0,010	0,037	FALSE
-0,097	0,318	-0,002	0,007	0,111	FALSE
-0,051	0,310	-0,001	0,008	0,067	FALSE
0,039	0,311	0,001	0,008	0,043	FALSE
0,045	0,299	0,002	0,008	0,093	FALSE
0,102	0,312	0,003	0,010	0,128	FALSE
0,147	0,302	0,004	0,008	0,242	FALSE
0,042	0,302	0,001	0,009	0,054	FALSE
0,080	0,315	0,003	0,009	0,116	FALSE
0,037	0,322	0,000	0,007	0,022	FALSE
0,080	0,322	0,003	0,013	0,091	FALSE
0,014	0,309	0,001	0,013	0,039	FALSE
0,012	0,311	0,001	0,013	0,038	FALSE
-0,014	0,297	-0,001	0,011	0,022	FALSE
-0,025	0,311	-0,002	0,014	0,058	FALSE
-0,060	0,317	-0,003	0,013	0,078	FALSE
-0,165	0,307	-0,004	0,006	0,241	FALSE
0,076	0,296	0,002	0,008	0,094	FALSE
0,264	0,282	0,011	0,012	0,440	FALSE
-0,174	0,292	-0,007	0,012	0,244	FALSE
0,065	0,312	0,002	0,011	0,075	FALSE

-0,135	0,303	-0,005	0,011	0,207	FALSE
-0,081	0,296	-0,002	0,010	0,094	FALSE
-0,020	0,317	-0,001	0,011	0,037	FALSE
-0,017	0,310	0,000	0,011	0,004	FALSE
-0,045	0,304	-0,001	0,007	0,046	FALSE
0,110	0,295	0,003	0,009	0,153	FALSE
-0,131	0,302	-0,004	0,009	0,186	FALSE
0,014	0,317	0,000	0,010	0,004	FALSE
-0,094	0,304	-0,002	0,007	0,141	FALSE
-0,095	0,295	-0,003	0,009	0,144	FALSE
0,129	0,301	0,004	0,009	0,159	FALSE
0,009	0,307	0,001	0,013	0,029	FALSE
-0,087	0,312	-0,003	0,009	0,148	FALSE
-0,104	0,304	-0,002	0,007	0,120	FALSE
0,025	0,297	0,000	0,011	0,013	FALSE
0,058	0,301	0,003	0,012	0,097	FALSE
-0,091	0,298	-0,002	0,006	0,116	FALSE
-0,089	0,309	-0,003	0,011	0,111	FALSE
-0,059	0,305	-0,002	0,011	0,058	FALSE
-0,063	0,317	-0,003	0,013	0,080	FALSE
0,045	0,325	0,001	0,012	0,032	FALSE
-0,079	0,308	-0,003	0,009	0,118	FALSE
-0,064	0,306	-0,002	0,012	0,057	FALSE
-0,077	0,307	-0,002	0,010	0,094	FALSE
-0,079	0,316	-0,003	0,010	0,101	FALSE
-0,001	0,306	0,000	0,009	0,002	FALSE
0,001	0,315	-0,001	0,008	0,032	FALSE
0,044	0,302	0,001	0,008	0,045	FALSE
0,006	0,304	-0,001	0,011	0,043	FALSE
0,025	0,311	0,001	0,012	0,021	FALSE
0,031	0,299	0,001	0,012	0,043	FALSE
0,118	0,318	0,003	0,008	0,143	FALSE
0,052	0,295	0,002	0,012	0,070	FALSE
-0,015	0,314	0,000	0,007	0,005	FALSE
0,033	0,317	0,002	0,011	0,054	FALSE
0,039	0,307	0,001	0,010	0,039	FALSE
-0,001	0,308	0,001	0,012	0,023	FALSE
0,077	0,285	0,002	0,006	0,137	FALSE
-0,230	0,294	-0,008	0,010	0,364	FALSE
0,066	0,318	0,002	0,011	0,064	FALSE
-0,045	0,303	-0,001	0,007	0,042	FALSE
0,116	0,309	0,003	0,010	0,141	FALSE
0,084	0,300	0,002	0,009	0,108	FALSE
-0,053	0,298	-0,002	0,012	0,053	FALSE
0,067	0,301	0,002	0,013	0,069	FALSE
0,028	0,308	0,001	0,007	0,062	FALSE
0,113	0,305	0,002	0,006	0,129	FALSE
-0,125	0,306	-0,006	0,013	0,210	FALSE
-0,165	0,315	-0,006	0,010	0,252	FALSE
0,025	0,312	0,001	0,006	0,036	FALSE
-0,117	0,312	-0,003	0,009	0,150	FALSE
0,002	0,303	0,000	0,012	0,009	FALSE
0,014	0,303	0,000	0,012	0,005	FALSE

-0,046	0,314	-0,001	0,013	0,038	FALSE
0,021	0,316	0,001	0,007	0,046	FALSE
-0,096	0,310	-0,002	0,008	0,117	FALSE
0,028	0,315	0,001	0,010	0,040	FALSE
-0,082	0,295	-0,002	0,007	0,111	FALSE
-0,052	0,292	-0,002	0,009	0,078	FALSE
0,002	0,311	0,001	0,013	0,015	FALSE
-0,037	0,305	-0,002	0,011	0,058	FALSE
0,033	0,300	0,001	0,008	0,051	FALSE
0,134	0,316	0,003	0,007	0,193	FALSE
0,087	0,312	0,002	0,008	0,109	FALSE
-0,142	0,314	-0,005	0,012	0,169	FALSE
0,004	0,314	0,000	0,013	0,011	FALSE
-0,092	0,309	-0,002	0,008	0,103	FALSE
0,001	0,309	0,000	0,013	0,004	FALSE
0,032	0,301	0,001	0,013	0,037	FALSE
-0,067	0,284	-0,003	0,009	0,109	FALSE
-0,005	0,314	0,000	0,009	0,002	FALSE
0,046	0,305	0,001	0,009	0,049	FALSE
-0,045	0,325	-0,002	0,011	0,061	FALSE
-0,001	0,317	0,000	0,009	0,013	FALSE
0,019	0,305	0,001	0,012	0,025	FALSE
-0,048	0,308	-0,002	0,013	0,047	FALSE
0,048	0,312	0,002	0,011	0,049	FALSE
0,041	0,306	0,001	0,009	0,048	FALSE
0,054	0,302	0,001	0,009	0,058	FALSE
-0,076	0,310	-0,001	0,007	0,076	FALSE
0,221	0,297	0,007	0,009	0,362	FALSE
0,190	0,304	0,005	0,008	0,259	FALSE
0,117	0,309	0,004	0,011	0,124	FALSE
0,134	0,292	0,004	0,011	0,154	FALSE
-0,081	0,321	-0,003	0,013	0,096	FALSE
-0,080	0,308	-0,002	0,007	0,093	FALSE
-0,003	0,311	-0,001	0,012	0,017	FALSE
0,008	0,293	0,000	0,008	0,004	FALSE
0,031	0,314	0,002	0,013	0,046	FALSE
0,040	0,333	0,002	0,013	0,050	FALSE
0,034	0,317	0,002	0,013	0,065	FALSE
0,062	0,303	0,003	0,012	0,105	FALSE
-0,135	0,309	-0,005	0,011	0,190	FALSE
-0,156	0,289	-0,006	0,011	0,240	FALSE
-0,111	0,301	-0,004	0,011	0,152	FALSE
0,016	0,302	0,001	0,012	0,042	FALSE
0,042	0,294	0,001	0,007	0,038	FALSE
0,158	0,312	0,004	0,008	0,213	FALSE
-0,078	0,300	-0,002	0,007	0,107	FALSE
0,007	0,305	0,001	0,010	0,029	FALSE
0,035	0,313	0,001	0,010	0,056	FALSE
-0,195	0,288	-0,005	0,008	0,292	FALSE
-0,007	0,311	0,000	0,007	0,000	FALSE
-0,055	0,310	-0,001	0,007	0,061	FALSE
-0,047	0,299	-0,002	0,008	0,077	FALSE
0,004	0,294	0,001	0,009	0,026	FALSE

0,030	0,311	0,001	0,008	0,053	FALSE
0,067	0,299	0,002	0,006	0,107	FALSE
-0,104	0,309	-0,002	0,007	0,114	FALSE
0,127	0,311	0,004	0,011	0,160	FALSE
0,046	0,309	0,001	0,007	0,069	FALSE
0,043	0,304	0,000	0,009	0,016	FALSE
0,035	0,300	0,000	0,009	0,008	FALSE
0,088	0,297	0,003	0,011	0,104	FALSE
0,041	0,295	0,001	0,012	0,034	FALSE
-0,058	0,297	-0,003	0,012	0,083	FALSE
-0,011	0,313	0,000	0,010	0,000	FALSE
0,058	0,305	0,002	0,009	0,072	FALSE
0,049	0,319	0,002	0,012	0,060	FALSE
-0,010	0,319	-0,001	0,012	0,018	FALSE
0,031	0,296	0,001	0,010	0,025	FALSE
0,017	0,312	0,000	0,007	0,005	FALSE
0,053	0,302	0,002	0,009	0,081	FALSE
0,008	0,305	0,000	0,009	0,015	FALSE
-0,079	0,323	-0,003	0,010	0,110	FALSE
-0,041	0,313	0,000	0,007	0,024	FALSE
0,081	0,298	0,002	0,008	0,120	FALSE
0,026	0,310	0,000	0,010	0,004	FALSE
-0,068	0,307	-0,004	0,013	0,109	FALSE
-0,158	0,309	-0,006	0,010	0,253	FALSE
0,004	0,302	0,000	0,013	0,013	FALSE
-0,059	0,295	-0,002	0,011	0,076	FALSE
0,055	0,309	0,002	0,012	0,067	FALSE
0,036	0,304	0,001	0,012	0,042	FALSE
0,106	0,293	0,004	0,011	0,156	FALSE
0,044	0,321	0,002	0,009	0,073	FALSE
-0,145	0,294	-0,003	0,008	0,156	FALSE
-0,162	0,296	-0,004	0,007	0,201	FALSE
-0,077	0,296	-0,003	0,012	0,097	FALSE
0,022	0,307	0,001	0,011	0,021	FALSE
0,031	0,319	0,000	0,007	0,020	FALSE
-0,034	0,310	-0,001	0,012	0,036	FALSE
-0,037	0,311	-0,001	0,010	0,024	FALSE
-0,063	0,311	-0,002	0,009	0,066	FALSE
-0,021	0,310	0,000	0,013	0,009	FALSE
-0,091	0,311	-0,004	0,012	0,124	FALSE
0,153	0,311	0,006	0,011	0,207	FALSE
-0,055	0,302	-0,001	0,009	0,056	FALSE
0,025	0,305	0,001	0,007	0,067	FALSE
0,096	0,311	0,002	0,007	0,134	FALSE
0,144	0,301	0,004	0,009	0,193	FALSE
0,047	0,321	0,001	0,008	0,050	FALSE
-0,043	0,305	-0,002	0,009	0,062	FALSE
-0,059	0,303	-0,002	0,009	0,068	FALSE
-0,073	0,304	-0,002	0,009	0,078	FALSE
0,125	0,298	0,004	0,010	0,167	FALSE
-0,135	0,308	-0,004	0,011	0,158	FALSE
-0,153	0,310	-0,006	0,012	0,190	FALSE
-0,058	0,309	-0,001	0,007	0,076	FALSE

0,050	0,305	0,001	0,010	0,055	FALSE
-0,017	0,310	0,000	0,007	0,017	FALSE
-0,007	0,299	0,000	0,008	0,006	FALSE
-0,044	0,300	-0,001	0,009	0,052	FALSE
0,113	0,308	0,004	0,012	0,134	FALSE
0,047	0,300	0,001	0,009	0,060	FALSE
-0,017	0,306	-0,001	0,008	0,027	FALSE
0,048	0,299	0,001	0,006	0,062	FALSE
0,033	0,312	0,001	0,010	0,043	FALSE
-0,052	0,314	-0,001	0,008	0,058	FALSE
0,129	0,299	0,003	0,006	0,170	FALSE
0,076	0,305	0,002	0,008	0,101	FALSE
-0,103	0,298	-0,002	0,007	0,126	FALSE
0,121	0,298	0,004	0,010	0,185	FALSE
0,118	0,299	0,004	0,010	0,179	FALSE
0,000	0,286	0,000	0,008	0,005	FALSE
-0,002	0,328	0,000	0,010	0,003	FALSE
-0,006	0,314	-0,001	0,011	0,016	FALSE
0,041	0,318	0,001	0,007	0,041	FALSE
-0,075	0,309	-0,002	0,011	0,073	FALSE
-0,018	0,323	0,000	0,010	0,008	FALSE
0,048	0,305	0,002	0,011	0,055	FALSE
0,006	0,313	0,000	0,012	0,009	FALSE
-0,053	0,303	-0,002	0,012	0,061	FALSE
-0,034	0,304	0,000	0,007	0,024	FALSE
-0,036	0,312	0,000	0,007	0,022	FALSE
0,101	0,297	0,005	0,013	0,152	FALSE
-0,046	0,308	-0,002	0,009	0,068	FALSE
-0,097	0,313	-0,003	0,010	0,106	FALSE
0,029	0,311	0,001	0,007	0,046	FALSE
0,017	0,308	0,001	0,010	0,025	FALSE
-0,062	0,309	-0,002	0,011	0,058	FALSE
-0,049	0,312	-0,001	0,007	0,049	FALSE
-0,024	0,330	0,000	0,011	0,014	FALSE
-0,091	0,318	-0,003	0,013	0,090	FALSE
-0,118	0,297	-0,004	0,010	0,155	FALSE
0,038	0,318	0,001	0,007	0,055	FALSE
-0,094	0,300	-0,004	0,012	0,124	FALSE
0,010	0,299	0,000	0,011	0,010	FALSE
0,083	0,300	0,003	0,011	0,103	FALSE
0,072	0,291	0,002	0,009	0,084	FALSE
0,070	0,305	0,002	0,010	0,076	FALSE
-0,063	0,299	-0,001	0,006	0,060	FALSE
0,066	0,302	0,003	0,010	0,102	FALSE
0,007	0,295	0,000	0,007	0,002	FALSE
0,016	0,306	0,001	0,007	0,027	FALSE
0,027	0,295	0,001	0,008	0,043	FALSE
0,029	0,306	0,001	0,008	0,053	FALSE
-0,004	0,314	0,000	0,009	0,011	FALSE
0,024	0,305	0,000	0,012	0,009	FALSE
0,069	0,299	0,002	0,007	0,090	FALSE
-0,036	0,289	-0,001	0,012	0,027	FALSE
-0,008	0,305	0,000	0,007	0,006	FALSE

-0,021	0,305	-0,001	0,007	0,042	FALSE
0,009	0,295	0,001	0,007	0,034	FALSE
-0,038	0,312	-0,002	0,013	0,059	FALSE
0,052	0,294	0,002	0,010	0,073	FALSE
0,064	0,292	0,002	0,010	0,093	FALSE
0,032	0,316	0,001	0,007	0,063	FALSE
0,011	0,314	0,000	0,012	0,011	FALSE
0,022	0,297	0,001	0,008	0,046	FALSE
0,048	0,330	0,001	0,008	0,044	FALSE
-0,037	0,306	-0,002	0,010	0,060	FALSE
0,049	0,308	0,002	0,011	0,065	FALSE
-0,055	0,312	-0,002	0,010	0,067	FALSE
0,179	0,299	0,005	0,009	0,218	FALSE
0,014	0,317	0,001	0,012	0,018	FALSE
-0,017	0,312	0,000	0,013	0,010	FALSE
0,048	0,294	0,003	0,011	0,105	FALSE
-0,015	0,305	-0,002	0,012	0,077	FALSE
-0,012	0,325	0,000	0,012	0,006	FALSE
-0,046	0,300	-0,001	0,013	0,022	FALSE
-0,004	0,319	0,000	0,007	0,016	FALSE
0,036	0,298	0,001	0,009	0,044	FALSE
0,046	0,296	0,001	0,009	0,049	FALSE
-0,024	0,312	-0,001	0,013	0,034	FALSE
-0,024	0,312	-0,001	0,011	0,016	FALSE
-0,072	0,300	-0,001	0,007	0,072	FALSE
-0,035	0,310	-0,001	0,013	0,035	FALSE
-0,063	0,293	-0,003	0,012	0,087	FALSE
0,001	0,303	0,000	0,012	0,010	FALSE
0,050	0,308	0,001	0,006	0,038	FALSE
-0,099	0,304	-0,002	0,008	0,123	FALSE
-0,017	0,310	-0,001	0,012	0,019	FALSE
0,020	0,305	0,001	0,012	0,017	FALSE
0,001	0,323	0,000	0,012	0,000	FALSE
-0,038	0,309	-0,001	0,013	0,025	FALSE
0,071	0,306	0,001	0,010	0,051	FALSE
-0,110	0,323	-0,002	0,007	0,137	FALSE
-0,054	0,309	-0,001	0,011	0,048	FALSE
-0,001	0,308	0,000	0,007	0,004	FALSE
-0,184	0,305	-0,006	0,010	0,256	FALSE
0,028	0,316	0,000	0,008	0,014	FALSE
0,097	0,303	0,003	0,011	0,110	FALSE
0,046	0,301	0,001	0,007	0,056	FALSE
-0,040	0,299	-0,001	0,007	0,030	FALSE
0,007	0,314	0,001	0,011	0,036	FALSE
0,063	0,303	0,002	0,007	0,118	FALSE
0,093	0,314	0,003	0,007	0,145	FALSE
-0,018	0,310	0,000	0,006	0,004	FALSE
-0,042	0,321	-0,002	0,012	0,055	FALSE
-0,035	0,301	-0,001	0,012	0,040	FALSE
-0,026	0,290	0,000	0,012	0,010	FALSE
0,005	0,294	-0,001	0,010	0,030	FALSE
0,044	0,318	0,000	0,007	0,024	FALSE
-0,001	0,318	-0,001	0,011	0,024	FALSE

0,042	0,314	0,002	0,010	0,058	FALSE
-0,049	0,309	-0,001	0,008	0,052	FALSE
-0,026	0,309	-0,002	0,012	0,058	FALSE
0,071	0,306	0,003	0,013	0,092	FALSE
-0,106	0,298	-0,004	0,012	0,144	FALSE
-0,081	0,306	-0,002	0,006	0,108	FALSE
-0,005	0,319	0,000	0,008	0,000	FALSE
0,003	0,315	0,001	0,009	0,022	FALSE
0,027	0,311	0,001	0,009	0,045	FALSE
0,067	0,311	0,002	0,013	0,068	FALSE
-0,096	0,307	-0,003	0,008	0,129	FALSE
0,033	0,303	0,002	0,012	0,061	FALSE
-0,090	0,296	-0,004	0,011	0,132	FALSE
0,139	0,310	0,003	0,008	0,187	FALSE
0,085	0,309	0,002	0,008	0,083	FALSE
0,013	0,317	0,000	0,007	0,007	FALSE
-0,107	0,289	-0,004	0,012	0,131	FALSE
0,071	0,307	0,001	0,008	0,058	FALSE
-0,113	0,300	-0,003	0,008	0,153	FALSE
-0,084	0,308	-0,004	0,012	0,122	FALSE
-0,010	0,302	0,000	0,010	0,004	FALSE
0,060	0,303	0,002	0,012	0,068	FALSE
-0,013	0,312	0,001	0,012	0,025	FALSE
-0,015	0,311	-0,001	0,007	0,049	FALSE
0,094	0,306	0,003	0,008	0,133	FALSE
-0,010	0,313	-0,001	0,010	0,027	FALSE
0,050	0,297	0,002	0,012	0,066	FALSE
-0,032	0,306	0,000	0,008	0,011	FALSE
0,004	0,301	0,001	0,012	0,019	FALSE
0,114	0,308	0,004	0,011	0,142	FALSE
0,072	0,298	0,002	0,008	0,090	FALSE
-0,002	0,306	0,000	0,009	0,002	FALSE
-0,035	0,298	-0,001	0,013	0,043	FALSE
-0,063	0,310	-0,002	0,011	0,069	FALSE
0,093	0,308	0,002	0,007	0,112	FALSE
-0,071	0,304	-0,002	0,008	0,103	FALSE
0,116	0,309	0,005	0,011	0,174	FALSE
-0,010	0,307	-0,001	0,008	0,022	FALSE
-0,026	0,309	-0,001	0,010	0,039	FALSE
-0,039	0,337	-0,001	0,011	0,050	FALSE
0,063	0,305	0,001	0,008	0,058	FALSE
0,045	0,303	0,002	0,009	0,074	FALSE
0,036	0,296	0,001	0,007	0,028	FALSE
0,088	0,308	0,003	0,013	0,087	FALSE
0,079	0,299	0,003	0,013	0,087	FALSE
-0,094	0,313	-0,004	0,013	0,121	FALSE
0,028	0,307	0,001	0,012	0,018	FALSE
0,034	0,301	0,001	0,012	0,023	FALSE
0,054	0,305	0,001	0,011	0,048	FALSE
0,022	0,306	0,001	0,008	0,046	FALSE
0,020	0,300	0,001	0,008	0,043	FALSE
0,032	0,304	0,001	0,008	0,057	FALSE
0,014	0,301	0,001	0,008	0,042	FALSE

0,014	0,299	0,001	0,008	0,042	FALSE
0,016	0,309	0,000	0,011	0,010	FALSE
0,047	0,313	0,001	0,007	0,035	FALSE
-0,182	0,307	-0,007	0,013	0,238	FALSE
-0,103	0,317	-0,003	0,008	0,128	FALSE
-0,035	0,303	-0,001	0,007	0,026	FALSE
0,151	0,305	0,006	0,013	0,201	FALSE
0,126	0,313	0,004	0,012	0,143	FALSE
0,127	0,305	0,002	0,006	0,144	FALSE
0,108	0,294	0,003	0,008	0,161	FALSE
0,064	0,296	0,002	0,008	0,103	FALSE
0,111	0,299	0,004	0,011	0,139	FALSE
-0,131	0,312	-0,003	0,007	0,161	FALSE
-0,095	0,311	-0,002	0,007	0,112	FALSE
0,074	0,304	0,002	0,006	0,098	FALSE
0,006	0,303	0,000	0,011	0,013	FALSE
0,076	0,294	0,004	0,012	0,117	FALSE
-0,045	0,314	-0,001	0,009	0,046	FALSE
0,003	0,308	0,001	0,010	0,021	FALSE
-0,001	0,306	0,001	0,010	0,019	FALSE
-0,033	0,306	-0,002	0,010	0,079	FALSE
-0,066	0,318	-0,002	0,011	0,061	FALSE
-0,046	0,306	-0,001	0,010	0,038	FALSE
-0,070	0,309	-0,003	0,011	0,107	FALSE
-0,039	0,303	-0,001	0,012	0,033	FALSE
-0,072	0,302	-0,003	0,011	0,091	FALSE
-0,068	0,308	-0,003	0,013	0,099	FALSE
-0,010	0,311	-0,001	0,012	0,017	FALSE
-0,044	0,294	-0,002	0,011	0,067	FALSE
0,059	0,318	0,002	0,008	0,071	FALSE
0,031	0,304	0,001	0,012	0,025	FALSE
0,027	0,296	0,001	0,012	0,017	FALSE
-0,088	0,293	-0,002	0,007	0,090	FALSE
-0,088	0,300	-0,002	0,007	0,095	FALSE
-0,089	0,296	-0,002	0,007	0,100	FALSE
0,071	0,308	0,002	0,011	0,066	FALSE
0,042	0,304	0,001	0,012	0,033	FALSE
-0,089	0,303	-0,002	0,007	0,091	FALSE
0,036	0,313	0,001	0,012	0,033	FALSE
0,058	0,312	0,001	0,008	0,059	FALSE
0,050	0,332	0,001	0,009	0,061	FALSE
0,012	0,295	0,000	0,010	0,001	FALSE
0,017	0,296	0,001	0,013	0,016	FALSE
0,050	0,300	0,002	0,012	0,047	FALSE
0,032	0,305	0,001	0,012	0,031	FALSE
0,058	0,292	0,002	0,011	0,073	FALSE
0,058	0,297	0,002	0,011	0,058	FALSE
0,051	0,302	0,000	0,006	0,025	FALSE
0,070	0,309	0,001	0,006	0,049	FALSE
0,124	0,312	0,004	0,010	0,168	FALSE
0,088	0,309	0,003	0,008	0,147	FALSE
-0,135	0,312	-0,004	0,009	0,185	FALSE
0,127	0,284	0,005	0,010	0,221	FALSE

-0,107	0,305	-0,002	0,006	0,117	FALSE
0,051	0,311	0,002	0,007	0,079	FALSE
0,051	0,314	0,002	0,007	0,090	FALSE
0,055	0,309	0,001	0,007	0,056	FALSE
0,034	0,310	0,002	0,008	0,071	FALSE
0,033	0,303	0,000	0,006	0,009	FALSE
-0,087	0,313	-0,003	0,010	0,114	FALSE
-0,044	0,295	-0,002	0,009	0,067	FALSE
0,006	0,295	0,000	0,010	0,005	FALSE
0,002	0,302	0,000	0,010	0,010	FALSE
-0,027	0,291	-0,001	0,010	0,036	FALSE
-0,036	0,301	-0,001	0,010	0,046	FALSE
-0,038	0,307	-0,001	0,010	0,045	FALSE
0,045	0,317	0,001	0,011	0,049	FALSE
-0,159	0,292	-0,004	0,008	0,222	FALSE
0,019	0,300	0,001	0,010	0,036	FALSE
-0,073	0,317	-0,003	0,010	0,105	FALSE
-0,074	0,303	-0,003	0,011	0,122	FALSE
-0,103	0,319	-0,004	0,011	0,160	FALSE
-0,037	0,320	-0,001	0,008	0,057	FALSE
-0,042	0,305	-0,002	0,008	0,077	FALSE
0,053	0,308	0,002	0,007	0,092	FALSE
-0,013	0,314	0,000	0,007	0,002	FALSE
0,099	0,305	0,003	0,008	0,163	FALSE
-0,011	0,321	0,000	0,007	0,001	FALSE
-0,173	0,306	-0,006	0,011	0,244	FALSE
-0,078	0,308	-0,002	0,007	0,111	FALSE
0,077	0,327	0,003	0,013	0,092	FALSE
0,019	0,302	0,001	0,007	0,042	FALSE
0,106	0,303	0,005	0,012	0,162	FALSE
0,017	0,319	0,000	0,008	0,023	FALSE
0,010	0,312	0,000	0,008	0,013	FALSE
-0,031	0,297	-0,001	0,010	0,029	FALSE
0,006	0,302	-0,001	0,010	0,043	FALSE
0,009	0,296	-0,001	0,010	0,031	FALSE
-0,039	0,302	-0,002	0,013	0,047	FALSE
-0,091	0,291	-0,004	0,012	0,122	FALSE
0,104	0,304	0,003	0,010	0,123	FALSE
0,124	0,305	0,005	0,012	0,159	FALSE
-0,217	0,301	-0,009	0,011	0,370	FALSE
-0,070	0,300	-0,002	0,007	0,093	FALSE
-0,045	0,296	-0,001	0,010	0,042	FALSE
0,076	0,309	0,002	0,008	0,093	FALSE
0,080	0,278	0,002	0,010	0,094	FALSE
-0,003	0,309	0,000	0,008	0,005	FALSE
0,141	0,315	0,006	0,013	0,187	FALSE
-0,037	0,304	-0,001	0,008	0,051	FALSE
-0,096	0,327	-0,002	0,011	0,076	FALSE
0,069	0,301	0,001	0,006	0,055	FALSE
0,058	0,298	0,001	0,008	0,061	FALSE
-0,071	0,292	-0,001	0,006	0,046	FALSE
-0,104	0,303	-0,002	0,007	0,116	FALSE
0,000	0,304	0,001	0,007	0,037	FALSE

-0,113	0,282	-0,003	0,008	0,170	FALSE
-0,037	0,307	0,000	0,007	0,019	FALSE
-0,020	0,295	-0,001	0,012	0,037	FALSE
-0,044	0,312	-0,001	0,009	0,041	FALSE
0,121	0,301	0,002	0,007	0,146	FALSE
0,027	0,310	0,001	0,013	0,021	FALSE
-0,052	0,286	-0,001	0,008	0,057	FALSE
0,098	0,312	0,004	0,013	0,118	FALSE
0,002	0,314	0,000	0,009	0,017	FALSE
0,061	0,298	0,002	0,008	0,091	FALSE
-0,045	0,303	-0,002	0,008	0,094	FALSE
-0,153	0,296	-0,007	0,013	0,255	FALSE
-0,092	0,306	-0,003	0,009	0,145	FALSE
-0,066	0,312	-0,003	0,012	0,094	FALSE
-0,002	0,323	0,000	0,010	0,001	FALSE
-0,025	0,300	-0,001	0,011	0,022	FALSE
0,054	0,311	0,001	0,010	0,041	FALSE
0,025	0,312	0,000	0,009	0,019	FALSE
-0,070	0,310	-0,003	0,010	0,106	FALSE
0,015	0,312	0,000	0,012	0,015	FALSE
-0,062	0,322	-0,003	0,012	0,083	FALSE
-0,010	0,310	0,000	0,011	0,016	FALSE
0,022	0,301	0,001	0,009	0,045	FALSE
0,047	0,325	0,002	0,009	0,072	FALSE
-0,054	0,311	-0,003	0,011	0,091	FALSE
-0,032	0,317	-0,001	0,011	0,048	FALSE
-0,008	0,313	0,000	0,009	0,008	FALSE
0,042	0,306	0,001	0,006	0,037	FALSE
0,004	0,324	0,001	0,012	0,019	FALSE
0,003	0,318	0,000	0,007	0,004	FALSE
0,116	0,310	0,005	0,013	0,145	FALSE
0,017	0,312	0,001	0,008	0,032	FALSE
-0,069	0,296	-0,002	0,012	0,071	FALSE
-0,066	0,299	-0,002	0,013	0,070	FALSE
-0,088	0,307	-0,003	0,011	0,100	FALSE
-0,016	0,308	0,000	0,011	0,003	FALSE
-0,134	0,295	-0,004	0,008	0,203	FALSE
-0,041	0,308	-0,002	0,013	0,046	FALSE
0,142	0,313	0,006	0,013	0,190	FALSE
-0,048	0,313	-0,001	0,006	0,063	FALSE
-0,071	0,307	-0,002	0,009	0,105	FALSE
-0,150	0,303	-0,005	0,010	0,206	FALSE
-0,134	0,311	-0,004	0,010	0,169	FALSE
-0,118	0,294	-0,004	0,010	0,157	FALSE
-0,124	0,300	-0,004	0,008	0,198	FALSE
-0,033	0,316	-0,001	0,008	0,038	FALSE
-0,089	0,302	-0,004	0,012	0,130	FALSE
0,031	0,313	0,001	0,013	0,040	FALSE
0,143	0,291	0,003	0,007	0,187	FALSE
0,004	0,307	0,000	0,012	0,013	FALSE
0,009	0,310	0,000	0,013	0,003	FALSE
-0,087	0,309	-0,002	0,008	0,102	FALSE
-0,017	0,309	0,000	0,006	0,013	FALSE

0,085	0,304	0,003	0,012	0,091	FALSE
0,025	0,298	0,002	0,012	0,049	FALSE
0,037	0,302	0,002	0,012	0,062	FALSE
-0,089	0,302	-0,004	0,012	0,132	FALSE
-0,055	0,310	-0,002	0,012	0,074	FALSE
-0,087	0,298	-0,004	0,011	0,138	FALSE
-0,089	0,305	-0,004	0,010	0,144	FALSE
-0,095	0,299	-0,004	0,011	0,149	FALSE
-0,010	0,315	0,000	0,008	0,009	FALSE
-0,111	0,303	-0,004	0,009	0,171	FALSE
0,015	0,309	0,000	0,009	0,010	FALSE
0,143	0,305	0,003	0,007	0,174	FALSE
0,077	0,301	0,002	0,008	0,086	FALSE
0,101	0,297	0,003	0,011	0,125	FALSE
0,045	0,321	0,002	0,012	0,077	FALSE
0,028	0,299	0,002	0,011	0,056	FALSE
0,100	0,294	0,002	0,007	0,097	FALSE
0,028	0,305	0,002	0,012	0,051	FALSE
0,002	0,308	0,000	0,009	0,014	FALSE
0,090	0,306	0,004	0,013	0,119	FALSE
-0,176	0,284	-0,003	0,006	0,226	FALSE
0,007	0,317	-0,001	0,013	0,017	FALSE
-0,121	0,309	-0,004	0,011	0,137	FALSE
0,046	0,301	0,001	0,012	0,034	FALSE
-0,107	0,309	-0,003	0,010	0,101	FALSE
-0,091	0,313	-0,003	0,010	0,106	FALSE
-0,052	0,307	-0,002	0,013	0,064	FALSE
0,037	0,317	0,001	0,012	0,036	FALSE
0,041	0,309	0,001	0,009	0,034	FALSE
0,098	0,315	0,003	0,011	0,126	FALSE
-0,054	0,311	-0,001	0,009	0,050	FALSE
-0,083	0,314	-0,003	0,012	0,093	FALSE
0,218	0,306	0,008	0,012	0,302	FALSE
0,051	0,308	0,001	0,009	0,062	FALSE
-0,175	0,312	-0,008	0,013	0,251	FALSE
-0,068	0,309	-0,003	0,013	0,083	FALSE
0,087	0,303	0,002	0,008	0,118	FALSE
-0,164	0,325	-0,003	0,007	0,201	FALSE
-0,121	0,322	-0,002	0,007	0,129	FALSE
-0,014	0,300	0,000	0,012	0,014	FALSE
-0,112	0,306	-0,002	0,007	0,137	FALSE
-0,105	0,302	-0,002	0,007	0,138	FALSE
-0,092	0,308	-0,002	0,007	0,114	FALSE
-0,043	0,320	-0,001	0,007	0,029	FALSE
-0,031	0,309	-0,001	0,012	0,021	FALSE
-0,048	0,309	-0,001	0,007	0,039	FALSE
-0,028	0,292	0,000	0,007	0,014	FALSE
-0,044	0,318	-0,001	0,007	0,064	FALSE
-0,091	0,313	-0,003	0,011	0,102	FALSE
-0,016	0,315	-0,001	0,009	0,035	FALSE
-0,111	0,292	-0,005	0,013	0,154	FALSE
-0,042	0,318	-0,001	0,008	0,049	FALSE
-0,018	0,303	-0,001	0,007	0,031	FALSE

0,080	0,312	0,003	0,011	0,113	FALSE
0,126	0,308	0,005	0,013	0,158	FALSE
-0,053	0,304	-0,001	0,012	0,043	FALSE
-0,139	0,298	-0,006	0,011	0,202	FALSE
-0,038	0,323	-0,002	0,011	0,049	FALSE
0,075	0,311	0,003	0,011	0,117	FALSE
0,054	0,298	0,003	0,012	0,096	FALSE
-0,073	0,301	-0,002	0,010	0,092	FALSE
-0,010	0,314	-0,001	0,007	0,035	FALSE
0,100	0,299	0,002	0,006	0,116	FALSE
-0,123	0,314	-0,004	0,010	0,157	FALSE
0,057	0,322	0,001	0,007	0,079	FALSE
-0,126	0,300	-0,005	0,011	0,168	FALSE
0,046	0,318	0,001	0,008	0,024	FALSE
0,103	0,293	0,002	0,007	0,133	FALSE
0,075	0,306	0,002	0,010	0,056	FALSE
-0,041	0,296	-0,001	0,009	0,053	FALSE
0,027	0,285	0,001	0,009	0,051	FALSE
-0,036	0,310	-0,001	0,008	0,043	FALSE
0,025	0,312	0,001	0,009	0,046	FALSE
0,046	0,307	0,001	0,007	0,065	FALSE
-0,167	0,305	-0,005	0,009	0,209	FALSE
-0,108	0,300	-0,002	0,007	0,132	FALSE
0,010	0,319	0,001	0,011	0,018	FALSE
0,042	0,300	0,001	0,006	0,081	FALSE
0,102	0,305	0,003	0,011	0,125	FALSE
-0,132	0,292	-0,003	0,008	0,164	FALSE
-0,083	0,309	-0,002	0,008	0,111	FALSE
-0,017	0,304	-0,001	0,007	0,034	FALSE
0,057	0,310	0,002	0,010	0,082	FALSE
-0,041	0,297	-0,001	0,009	0,061	FALSE
0,007	0,317	0,000	0,007	0,016	FALSE
-0,017	0,314	0,000	0,007	0,007	FALSE
0,108	0,319	0,002	0,007	0,136	FALSE
0,098	0,310	0,002	0,007	0,131	FALSE
-0,003	0,309	0,000	0,007	0,005	FALSE
-0,129	0,301	-0,006	0,012	0,195	FALSE
-0,052	0,309	-0,001	0,008	0,037	FALSE
-0,068	0,306	-0,001	0,007	0,045	FALSE
0,025	0,306	0,001	0,008	0,056	FALSE
-0,061	0,316	-0,001	0,009	0,040	FALSE
0,008	0,311	0,000	0,007	0,007	FALSE
-0,028	0,312	-0,001	0,007	0,049	FALSE
0,004	0,298	0,000	0,006	0,017	FALSE
0,173	0,290	0,006	0,011	0,211	FALSE
0,174	0,302	0,005	0,009	0,240	FALSE
0,049	0,315	0,001	0,008	0,065	FALSE
0,053	0,313	0,002	0,008	0,092	FALSE
-0,138	0,304	-0,005	0,012	0,157	FALSE
0,119	0,299	0,004	0,010	0,140	FALSE
0,111	0,294	0,003	0,008	0,117	FALSE
-0,001	0,303	0,001	0,012	0,021	FALSE
0,129	0,313	0,006	0,013	0,179	FALSE

0,058	0,303	0,003	0,013	0,084	FALSE
0,153	0,290	0,005	0,009	0,249	FALSE
-0,073	0,291	-0,002	0,008	0,115	FALSE
0,106	0,316	0,003	0,007	0,146	FALSE
0,063	0,315	0,002	0,011	0,084	FALSE
0,066	0,314	0,003	0,012	0,084	FALSE
0,043	0,304	0,001	0,011	0,043	FALSE
-0,063	0,305	-0,002	0,010	0,090	FALSE
0,030	0,299	0,002	0,008	0,074	FALSE
-0,026	0,293	-0,001	0,007	0,045	FALSE
0,187	0,295	0,008	0,011	0,300	FALSE
0,161	0,305	0,007	0,011	0,270	FALSE
-0,043	0,302	-0,001	0,009	0,061	FALSE
0,152	0,322	0,004	0,008	0,229	FALSE
0,013	0,297	0,001	0,008	0,025	FALSE
-0,032	0,324	-0,001	0,013	0,024	FALSE
0,041	0,311	0,001	0,008	0,034	FALSE
-0,091	0,311	-0,002	0,007	0,095	FALSE
0,019	0,318	0,001	0,012	0,029	FALSE
-0,134	0,294	-0,005	0,012	0,176	FALSE
-0,072	0,310	-0,002	0,008	0,086	FALSE
-0,134	0,296	-0,005	0,012	0,168	FALSE
-0,013	0,305	0,000	0,008	0,001	FALSE
-0,046	0,298	-0,003	0,013	0,094	FALSE
-0,127	0,288	-0,003	0,008	0,170	FALSE
-0,087	0,298	-0,003	0,009	0,116	FALSE
-0,099	0,313	-0,003	0,011	0,119	FALSE
0,051	0,318	0,002	0,013	0,051	FALSE
0,121	0,314	0,004	0,013	0,137	FALSE
0,102	0,308	0,004	0,013	0,132	FALSE
0,049	0,297	0,002	0,010	0,071	FALSE
0,078	0,314	0,003	0,010	0,107	FALSE
-0,017	0,324	-0,001	0,013	0,024	FALSE
-0,063	0,300	-0,003	0,011	0,109	FALSE
-0,040	0,318	-0,001	0,008	0,046	FALSE
0,042	0,321	0,002	0,010	0,064	FALSE
-0,045	0,317	-0,002	0,008	0,072	FALSE
0,001	0,302	0,000	0,009	0,010	FALSE
0,026	0,317	0,001	0,010	0,035	FALSE
0,033	0,313	0,001	0,009	0,049	FALSE
-0,122	0,303	-0,003	0,009	0,140	FALSE
-0,027	0,307	0,000	0,009	0,005	FALSE
-0,113	0,298	-0,002	0,006	0,156	FALSE
0,024	0,306	0,000	0,006	0,024	FALSE
0,059	0,311	0,001	0,007	0,079	FALSE
0,058	0,304	0,003	0,013	0,077	FALSE
-0,038	0,325	-0,001	0,008	0,055	FALSE
-0,053	0,310	-0,002	0,009	0,092	FALSE
-0,011	0,310	0,000	0,008	0,021	FALSE
0,043	0,324	0,001	0,008	0,035	FALSE
-0,083	0,296	-0,003	0,012	0,098	FALSE
-0,080	0,298	-0,003	0,012	0,102	FALSE
0,044	0,314	0,002	0,013	0,045	FALSE

0,069	0,301	0,001	0,008	0,066	FALSE
0,006	0,302	0,000	0,010	0,013	FALSE
-0,002	0,305	0,000	0,011	0,002	FALSE
-0,015	0,297	0,000	0,009	0,001	FALSE
0,084	0,302	0,003	0,012	0,094	FALSE
0,004	0,311	-0,001	0,013	0,026	FALSE
-0,118	0,321	-0,004	0,011	0,162	FALSE
-0,104	0,311	-0,003	0,009	0,147	FALSE
-0,088	0,296	-0,002	0,010	0,095	FALSE
-0,062	0,306	-0,002	0,010	0,056	FALSE
0,003	0,316	0,000	0,009	0,015	FALSE
-0,002	0,308	0,001	0,013	0,024	FALSE
0,086	0,316	0,003	0,009	0,120	FALSE
-0,053	0,295	-0,001	0,008	0,066	FALSE
-0,004	0,311	0,000	0,012	0,002	FALSE
0,061	0,281	0,001	0,012	0,045	FALSE
-0,032	0,304	-0,001	0,012	0,035	FALSE
0,081	0,302	0,002	0,009	0,072	FALSE
-0,016	0,307	0,000	0,011	0,007	FALSE
0,038	0,313	0,002	0,011	0,068	FALSE
-0,092	0,291	-0,004	0,010	0,133	FALSE
-0,124	0,312	-0,003	0,008	0,157	FALSE
0,025	0,301	0,000	0,007	0,004	FALSE
-0,010	0,306	-0,001	0,008	0,038	FALSE
-0,030	0,296	-0,002	0,011	0,064	FALSE
-0,036	0,318	-0,001	0,010	0,046	FALSE
-0,052	0,310	-0,001	0,007	0,045	FALSE
-0,037	0,301	-0,001	0,012	0,031	FALSE
-0,014	0,312	0,000	0,012	0,009	FALSE
-0,017	0,312	-0,001	0,012	0,017	FALSE
-0,007	0,282	0,000	0,009	0,005	FALSE
-0,058	0,299	-0,002	0,010	0,057	FALSE
0,005	0,316	0,000	0,008	0,014	FALSE
0,084	0,322	0,003	0,013	0,088	FALSE
-0,008	0,318	0,000	0,008	0,007	FALSE
-0,055	0,303	-0,002	0,009	0,078	FALSE
0,076	0,308	0,003	0,013	0,085	FALSE
-0,005	0,306	0,000	0,012	0,007	FALSE
0,011	0,295	0,000	0,013	0,012	FALSE
0,105	0,313	0,002	0,007	0,129	FALSE
-0,086	0,309	-0,003	0,013	0,095	FALSE
0,069	0,311	0,002	0,007	0,089	FALSE
0,082	0,315	0,002	0,007	0,096	FALSE
0,067	0,301	0,001	0,007	0,066	FALSE
-0,022	0,301	-0,001	0,011	0,017	FALSE
-0,015	0,305	0,000	0,009	0,008	FALSE
-0,031	0,311	-0,002	0,012	0,049	FALSE
0,108	0,299	0,003	0,010	0,133	FALSE
0,064	0,315	0,003	0,013	0,079	FALSE
0,041	0,325	0,002	0,014	0,040	FALSE
0,013	0,308	0,000	0,007	0,010	FALSE
-0,040	0,313	-0,002	0,012	0,047	FALSE
0,046	0,317	0,002	0,013	0,045	FALSE

0,093	0,317	0,002	0,007	0,102	FALSE
0,062	0,289	0,002	0,008	0,089	FALSE
-0,048	0,317	-0,002	0,011	0,072	FALSE
0,144	0,303	0,005	0,011	0,181	FALSE
0,080	0,305	0,004	0,012	0,119	FALSE
0,013	0,301	0,000	0,010	0,016	FALSE
-0,005	0,305	-0,001	0,009	0,021	FALSE
0,073	0,310	0,003	0,010	0,111	FALSE
0,067	0,311	0,003	0,011	0,097	FALSE
0,047	0,334	0,002	0,010	0,062	FALSE
0,004	0,324	0,001	0,012	0,016	FALSE
-0,072	0,302	-0,003	0,010	0,097	FALSE
-0,005	0,296	0,000	0,009	0,009	FALSE
-0,004	0,291	0,000	0,009	0,010	FALSE
0,074	0,320	0,002	0,007	0,085	FALSE
-0,060	0,307	-0,002	0,007	0,082	FALSE
-0,066	0,318	-0,003	0,011	0,092	FALSE
0,087	0,304	0,003	0,008	0,149	FALSE
0,011	0,308	0,000	0,009	0,017	FALSE
-0,082	0,304	-0,003	0,009	0,115	FALSE
0,077	0,304	0,001	0,006	0,082	FALSE
0,029	0,301	0,001	0,012	0,031	FALSE
-0,005	0,310	0,000	0,007	0,000	FALSE
-0,151	0,309	-0,005	0,011	0,182	FALSE
0,013	0,308	0,001	0,007	0,029	FALSE
-0,027	0,302	-0,001	0,009	0,025	FALSE
-0,031	0,311	-0,001	0,008	0,051	FALSE
-0,092	0,313	-0,002	0,008	0,100	FALSE
0,105	0,300	0,003	0,009	0,157	FALSE
0,041	0,307	0,001	0,010	0,034	FALSE
0,050	0,296	0,001	0,009	0,051	FALSE
-0,081	0,312	-0,004	0,011	0,129	FALSE
-0,049	0,305	-0,002	0,010	0,072	FALSE
0,010	0,296	0,000	0,008	0,013	FALSE
-0,049	0,304	-0,001	0,007	0,045	FALSE
-0,021	0,299	0,000	0,007	0,016	FALSE
-0,020	0,307	-0,001	0,012	0,025	FALSE
0,027	0,309	0,001	0,010	0,037	FALSE
0,091	0,310	0,003	0,008	0,135	FALSE
0,110	0,293	0,004	0,007	0,200	FALSE
0,000	0,315	0,000	0,008	0,010	FALSE
-0,154	0,302	-0,007	0,012	0,229	FALSE
0,051	0,298	0,002	0,011	0,054	FALSE
-0,023	0,311	-0,001	0,008	0,030	FALSE
-0,056	0,309	-0,003	0,011	0,086	FALSE
-0,028	0,316	-0,001	0,011	0,022	FALSE
0,097	0,298	0,004	0,012	0,143	FALSE
0,121	0,305	0,002	0,007	0,126	FALSE
0,044	0,304	0,001	0,007	0,066	FALSE
0,050	0,293	0,002	0,012	0,072	FALSE
-0,027	0,307	0,000	0,006	0,016	FALSE
0,020	0,313	0,001	0,007	0,033	FALSE
0,080	0,303	0,002	0,009	0,071	FALSE

0,097	0,300	0,003	0,010	0,110	FALSE
-0,087	0,313	-0,002	0,008	0,103	FALSE
0,054	0,319	0,002	0,011	0,053	FALSE
0,063	0,307	0,001	0,011	0,047	FALSE
-0,087	0,305	-0,003	0,012	0,102	FALSE
-0,038	0,307	-0,001	0,007	0,041	FALSE
0,125	0,298	0,005	0,011	0,184	FALSE
-0,048	0,294	-0,002	0,011	0,083	FALSE
0,115	0,311	0,004	0,012	0,142	FALSE
0,029	0,322	0,001	0,007	0,031	FALSE
0,020	0,299	0,000	0,007	0,007	FALSE
-0,012	0,311	0,000	0,007	0,017	FALSE
0,184	0,311	0,006	0,010	0,271	FALSE
0,083	0,306	0,004	0,012	0,133	FALSE
0,055	0,309	0,003	0,012	0,091	FALSE
0,041	0,325	0,003	0,012	0,079	FALSE
0,105	0,295	0,004	0,010	0,143	FALSE
0,004	0,302	0,000	0,010	0,014	FALSE
0,036	0,307	0,002	0,009	0,059	FALSE
0,049	0,314	0,001	0,007	0,071	FALSE
-0,013	0,299	-0,001	0,007	0,026	FALSE
-0,085	0,301	-0,003	0,012	0,090	FALSE
-0,083	0,312	-0,002	0,008	0,098	FALSE
-0,014	0,298	0,000	0,009	0,001	FALSE
-0,132	0,298	-0,004	0,009	0,184	FALSE
0,009	0,306	0,000	0,009	0,010	FALSE
0,045	0,306	0,001	0,012	0,016	FALSE
-0,034	0,314	0,000	0,008	0,015	FALSE
0,094	0,301	0,003	0,012	0,109	FALSE
0,039	0,309	0,001	0,012	0,035	FALSE
-0,069	0,300	-0,002	0,007	0,076	FALSE
0,015	0,304	0,000	0,012	0,011	FALSE
0,016	0,319	0,000	0,013	0,008	FALSE
-0,096	0,311	-0,002	0,007	0,086	FALSE
0,003	0,302	0,000	0,011	0,012	FALSE
0,078	0,314	0,003	0,013	0,094	FALSE
0,032	0,309	0,001	0,012	0,044	FALSE
-0,015	0,316	0,000	0,007	0,019	FALSE
-0,055	0,312	-0,003	0,012	0,103	FALSE
-0,040	0,309	-0,002	0,009	0,076	FALSE
-0,080	0,294	-0,003	0,012	0,098	FALSE
0,058	0,315	0,002	0,011	0,056	FALSE
-0,041	0,310	-0,001	0,009	0,053	FALSE
-0,018	0,307	0,000	0,008	0,010	FALSE
-0,021	0,317	0,000	0,013	0,000	FALSE
0,054	0,297	0,001	0,008	0,030	FALSE
-0,082	0,302	-0,003	0,010	0,096	FALSE
-0,008	0,300	0,000	0,009	0,014	FALSE
0,051	0,308	0,002	0,008	0,082	FALSE
0,048	0,302	0,001	0,007	0,070	FALSE
-0,063	0,292	-0,002	0,011	0,077	FALSE
0,008	0,305	0,000	0,009	0,007	FALSE
0,098	0,307	0,002	0,007	0,124	FALSE

-0,002	0,302	0,001	0,011	0,020	FALSE
-0,211	0,298	-0,009	0,012	0,329	FALSE
0,156	0,310	0,004	0,008	0,204	FALSE
0,148	0,313	0,006	0,013	0,202	FALSE
0,007	0,311	0,000	0,010	0,010	FALSE
0,051	0,301	0,001	0,008	0,063	FALSE
0,084	0,308	0,002	0,006	0,096	FALSE
-0,006	0,310	0,000	0,006	0,004	FALSE
0,135	0,312	0,005	0,012	0,183	FALSE
0,030	0,311	0,001	0,008	0,065	FALSE
0,035	0,297	0,001	0,007	0,070	FALSE
-0,022	0,313	-0,001	0,007	0,029	FALSE
-0,030	0,306	0,000	0,007	0,015	FALSE
0,004	0,319	0,001	0,010	0,027	FALSE
-0,034	0,307	-0,002	0,011	0,068	FALSE
-0,013	0,311	0,000	0,010	0,012	FALSE
-0,006	0,311	0,000	0,008	0,020	FALSE
-0,008	0,303	0,000	0,010	0,016	FALSE
0,051	0,307	0,002	0,009	0,073	FALSE
0,023	0,322	0,001	0,010	0,041	FALSE
-0,022	0,317	0,000	0,012	0,009	FALSE
-0,119	0,296	-0,006	0,012	0,216	FALSE
0,164	0,308	0,004	0,009	0,214	FALSE
-0,142	0,314	-0,004	0,008	0,201	FALSE
-0,148	0,302	-0,005	0,010	0,196	FALSE
0,030	0,300	0,001	0,010	0,043	FALSE
-0,019	0,300	0,000	0,007	0,006	FALSE
0,015	0,319	0,001	0,011	0,028	FALSE
0,027	0,311	0,000	0,007	0,025	FALSE
0,006	0,319	0,000	0,008	0,004	FALSE
0,002	0,302	0,000	0,010	0,014	FALSE
-0,042	0,311	-0,002	0,009	0,068	FALSE
-0,078	0,306	-0,002	0,009	0,111	FALSE
-0,095	0,295	-0,003	0,008	0,167	FALSE
-0,027	0,309	-0,001	0,010	0,027	FALSE
0,032	0,302	0,000	0,009	0,018	FALSE
-0,020	0,289	-0,002	0,012	0,063	FALSE
0,055	0,303	0,002	0,011	0,059	FALSE
0,016	0,308	0,001	0,007	0,051	FALSE
-0,031	0,301	-0,001	0,013	0,035	FALSE
-0,095	0,301	-0,004	0,013	0,128	FALSE
0,074	0,293	0,003	0,011	0,089	FALSE
0,063	0,306	0,002	0,009	0,063	FALSE
-0,052	0,307	-0,002	0,012	0,062	FALSE
0,006	0,309	-0,001	0,008	0,025	FALSE
-0,097	0,303	-0,002	0,007	0,121	FALSE
-0,081	0,292	-0,003	0,010	0,137	FALSE
-0,003	0,322	0,000	0,009	0,009	FALSE
0,035	0,330	0,001	0,010	0,045	FALSE
-0,236	0,312	-0,010	0,013	0,366	FALSE
0,003	0,312	0,000	0,012	0,005	FALSE
-0,073	0,313	-0,002	0,007	0,083	FALSE
-0,005	0,312	0,000	0,012	0,014	FALSE

0,043	0,293	0,002	0,012	0,061	FALSE
-0,078	0,308	-0,001	0,006	0,069	FALSE
-0,087	0,301	-0,002	0,007	0,117	FALSE
-0,117	0,308	-0,004	0,010	0,164	FALSE
-0,184	0,295	-0,008	0,012	0,288	FALSE
0,007	0,303	0,000	0,013	0,001	FALSE
0,028	0,293	0,001	0,009	0,023	FALSE
0,060	0,297	0,001	0,006	0,083	FALSE
0,123	0,318	0,004	0,009	0,187	FALSE
-0,041	0,308	-0,001	0,008	0,062	FALSE
-0,036	0,306	-0,001	0,009	0,033	FALSE
-0,093	0,303	-0,002	0,009	0,093	FALSE
-0,091	0,309	-0,003	0,009	0,112	FALSE
0,085	0,304	0,002	0,007	0,104	FALSE
0,020	0,299	0,001	0,007	0,036	FALSE
0,004	0,322	0,000	0,008	0,006	FALSE
-0,053	0,309	-0,002	0,008	0,079	FALSE
0,003	0,314	0,001	0,011	0,025	FALSE
0,043	0,302	0,001	0,009	0,024	FALSE
-0,012	0,297	0,000	0,009	0,002	FALSE
-0,067	0,307	-0,004	0,012	0,123	FALSE
-0,036	0,301	-0,002	0,008	0,098	FALSE
0,026	0,318	0,001	0,006	0,036	FALSE
0,012	0,310	0,000	0,008	0,004	FALSE
-0,154	0,294	-0,007	0,012	0,232	FALSE
-0,015	0,321	-0,001	0,010	0,022	FALSE
-0,024	0,307	0,000	0,009	0,002	FALSE
-0,027	0,292	-0,001	0,008	0,022	FALSE
-0,034	0,301	-0,001	0,009	0,036	FALSE
-0,030	0,305	-0,001	0,009	0,027	FALSE
-0,045	0,296	-0,001	0,009	0,053	FALSE
-0,056	0,312	-0,001	0,010	0,056	FALSE
0,011	0,317	0,000	0,007	0,011	FALSE
-0,024	0,297	-0,001	0,007	0,034	FALSE
0,086	0,309	0,003	0,008	0,146	FALSE
0,006	0,307	0,000	0,007	0,003	FALSE
-0,052	0,314	-0,001	0,007	0,057	FALSE
0,004	0,305	0,001	0,012	0,032	FALSE
0,041	0,319	0,001	0,012	0,042	FALSE
0,017	0,318	0,001	0,010	0,042	FALSE
0,027	0,303	0,001	0,011	0,048	FALSE
-0,046	0,314	-0,001	0,007	0,048	FALSE
0,101	0,305	0,004	0,011	0,130	FALSE
0,053	0,305	0,001	0,011	0,042	FALSE
0,039	0,312	0,001	0,010	0,035	FALSE
-0,085	0,300	-0,003	0,009	0,134	FALSE
-0,023	0,295	-0,001	0,011	0,021	FALSE
-0,075	0,296	-0,003	0,010	0,103	FALSE
0,083	0,305	0,002	0,008	0,101	FALSE
-0,063	0,315	-0,002	0,010	0,071	FALSE
0,078	0,299	0,003	0,009	0,138	FALSE
0,028	0,311	0,001	0,007	0,045	FALSE
-0,070	0,297	-0,002	0,008	0,086	FALSE

0,133	0,294	0,004	0,008	0,206	FALSE
0,088	0,300	0,002	0,007	0,121	FALSE
0,073	0,310	0,002	0,007	0,111	FALSE
0,005	0,311	0,000	0,008	0,001	FALSE
0,118	0,296	0,004	0,010	0,154	FALSE
-0,024	0,295	-0,001	0,008	0,022	FALSE
0,038	0,296	0,002	0,010	0,069	FALSE
-0,088	0,316	-0,004	0,013	0,117	FALSE
-0,063	0,288	-0,002	0,011	0,079	FALSE
-0,083	0,313	-0,003	0,012	0,098	FALSE
-0,053	0,313	-0,002	0,011	0,073	FALSE
-0,123	0,307	-0,003	0,007	0,159	FALSE
0,052	0,320	0,001	0,008	0,058	FALSE
0,096	0,306	0,002	0,009	0,097	FALSE
0,130	0,302	0,004	0,013	0,135	FALSE
-0,007	0,298	0,000	0,012	0,014	FALSE
-0,010	0,306	0,000	0,008	0,009	FALSE
0,127	0,309	0,004	0,011	0,145	FALSE
-0,157	0,303	-0,006	0,010	0,234	FALSE
0,075	0,303	0,003	0,012	0,090	FALSE
-0,154	0,300	-0,005	0,009	0,221	FALSE
-0,048	0,298	-0,001	0,006	0,075	FALSE
-0,007	0,298	0,000	0,006	0,010	FALSE
0,033	0,309	0,000	0,007	0,017	FALSE
0,029	0,317	0,001	0,009	0,023	FALSE
0,012	0,303	0,000	0,006	0,015	FALSE
0,000	0,311	0,000	0,006	0,011	FALSE
0,030	0,313	0,001	0,009	0,035	FALSE
0,073	0,305	0,004	0,013	0,108	FALSE
0,019	0,297	0,001	0,013	0,019	FALSE
0,065	0,302	0,002	0,011	0,077	FALSE
-0,045	0,297	-0,002	0,009	0,076	FALSE
-0,017	0,311	-0,001	0,010	0,041	FALSE
0,100	0,305	0,004	0,013	0,136	FALSE
0,138	0,297	0,003	0,007	0,221	FALSE
0,089	0,307	0,002	0,008	0,069	FALSE
-0,035	0,308	-0,003	0,012	0,097	FALSE
-0,106	0,302	-0,004	0,012	0,150	FALSE
0,134	0,300	0,004	0,009	0,162	FALSE
-0,017	0,306	-0,001	0,011	0,022	FALSE
-0,037	0,303	-0,001	0,011	0,051	FALSE
-0,060	0,304	-0,003	0,012	0,081	FALSE
-0,115	0,287	-0,003	0,008	0,171	FALSE
0,049	0,306	0,002	0,013	0,047	FALSE
0,190	0,294	0,005	0,008	0,309	FALSE
0,092	0,286	0,001	0,006	0,080	FALSE
-0,005	0,309	0,000	0,007	0,001	FALSE
-0,030	0,299	-0,001	0,009	0,050	FALSE
-0,045	0,309	-0,001	0,012	0,037	FALSE
0,014	0,300	0,000	0,011	0,002	FALSE
0,010	0,303	0,000	0,011	0,006	FALSE
0,053	0,293	0,002	0,009	0,065	FALSE
0,067	0,310	0,002	0,013	0,066	FALSE

-0,084	0,311	-0,002	0,010	0,091	FALSE
0,103	0,313	0,004	0,011	0,122	FALSE
0,107	0,315	0,003	0,007	0,146	FALSE
0,026	0,309	0,001	0,012	0,035	FALSE
-0,026	0,310	-0,001	0,009	0,042	FALSE
-0,116	0,299	-0,005	0,012	0,169	FALSE
0,062	0,322	0,003	0,013	0,086	FALSE
-0,007	0,311	0,000	0,010	0,011	FALSE
-0,058	0,302	-0,002	0,008	0,075	FALSE
-0,068	0,300	-0,003	0,012	0,103	FALSE
0,034	0,304	0,001	0,012	0,024	FALSE
-0,037	0,307	-0,001	0,009	0,044	FALSE
0,041	0,316	0,001	0,007	0,065	FALSE
-0,116	0,302	-0,004	0,008	0,196	FALSE
-0,056	0,307	-0,002	0,013	0,060	FALSE
0,018	0,305	0,000	0,012	0,013	FALSE
0,070	0,310	0,003	0,013	0,092	FALSE
0,023	0,305	0,001	0,007	0,057	FALSE
0,028	0,324	0,001	0,008	0,031	FALSE
-0,010	0,318	-0,001	0,012	0,030	FALSE
-0,005	0,306	0,000	0,013	0,006	FALSE
-0,008	0,306	0,000	0,011	0,016	FALSE
-0,069	0,318	-0,003	0,013	0,083	FALSE
-0,012	0,314	0,000	0,006	0,004	FALSE
0,053	0,320	0,002	0,011	0,083	FALSE
0,065	0,311	0,002	0,008	0,073	FALSE
-0,128	0,297	-0,003	0,006	0,191	FALSE
-0,003	0,308	0,000	0,006	0,012	FALSE
-0,013	0,312	0,000	0,010	0,003	FALSE
-0,135	0,306	-0,003	0,006	0,197	FALSE
-0,179	0,314	-0,006	0,011	0,260	FALSE
-0,089	0,306	-0,002	0,009	0,099	FALSE
0,163	0,308	0,007	0,013	0,244	FALSE
0,081	0,302	0,003	0,007	0,146	FALSE
0,140	0,309	0,006	0,012	0,205	FALSE
-0,066	0,314	-0,003	0,012	0,080	FALSE
0,083	0,303	0,003	0,011	0,102	FALSE
-0,035	0,306	-0,003	0,013	0,085	FALSE
0,079	0,306	0,002	0,007	0,093	FALSE
0,047	0,299	0,001	0,006	0,080	FALSE
-0,010	0,302	0,000	0,007	0,005	FALSE
-0,130	0,302	-0,004	0,011	0,149	FALSE
-0,062	0,307	-0,002	0,009	0,078	FALSE
0,099	0,294	0,002	0,006	0,114	FALSE
-0,093	0,300	-0,003	0,011	0,108	FALSE
-0,165	0,306	-0,007	0,013	0,232	FALSE
0,112	0,322	0,005	0,012	0,149	FALSE
0,043	0,309	0,001	0,006	0,052	FALSE
-0,005	0,296	0,000	0,009	0,013	FALSE
-0,001	0,304	0,000	0,009	0,008	FALSE
0,154	0,298	0,005	0,009	0,209	FALSE
-0,063	0,300	-0,001	0,008	0,046	FALSE
0,123	0,304	0,005	0,012	0,186	FALSE

-0,020	0,316	-0,001	0,007	0,025	FALSE
-0,109	0,290	-0,002	0,006	0,155	FALSE
0,064	0,304	0,002	0,008	0,093	FALSE
-0,146	0,308	-0,006	0,013	0,201	FALSE
0,022	0,296	0,000	0,007	0,014	FALSE
-0,036	0,293	-0,002	0,009	0,086	FALSE
0,008	0,313	0,000	0,011	0,009	FALSE
-0,062	0,310	-0,002	0,007	0,100	FALSE
0,072	0,321	0,002	0,007	0,103	FALSE
0,062	0,310	0,003	0,013	0,098	FALSE
-0,005	0,315	0,000	0,011	0,004	FALSE
-0,049	0,304	-0,001	0,006	0,074	FALSE
0,084	0,309	0,003	0,007	0,146	FALSE
0,118	0,294	0,002	0,006	0,164	FALSE
-0,104	0,301	-0,005	0,012	0,159	FALSE
-0,082	0,302	-0,001	0,007	0,082	FALSE
0,129	0,290	0,003	0,007	0,155	FALSE
-0,150	0,306	-0,006	0,010	0,245	FALSE
-0,154	0,309	-0,006	0,010	0,255	FALSE
-0,170	0,306	-0,008	0,013	0,280	FALSE
0,039	0,294	0,001	0,010	0,045	FALSE
0,065	0,316	0,001	0,008	0,062	FALSE
0,066	0,295	0,001	0,007	0,059	FALSE
0,080	0,291	0,002	0,008	0,085	FALSE
0,054	0,291	0,001	0,008	0,059	FALSE
0,007	0,308	0,000	0,007	0,014	FALSE
0,010	0,305	0,000	0,007	0,001	FALSE
-0,043	0,303	-0,001	0,013	0,036	FALSE
-0,052	0,308	-0,002	0,013	0,054	FALSE
-0,024	0,307	-0,001	0,007	0,035	FALSE
-0,099	0,317	-0,003	0,008	0,121	FALSE
0,029	0,314	0,000	0,006	0,027	FALSE
0,011	0,286	0,001	0,012	0,017	FALSE
-0,001	0,315	0,000	0,013	0,009	FALSE
-0,028	0,312	-0,001	0,013	0,030	FALSE
0,116	0,302	0,003	0,008	0,153	FALSE
-0,077	0,296	-0,003	0,008	0,117	FALSE
0,106	0,304	0,003	0,008	0,153	FALSE
-0,006	0,316	-0,001	0,012	0,035	FALSE
-0,033	0,319	-0,001	0,011	0,047	FALSE
0,069	0,285	0,003	0,011	0,111	FALSE
0,081	0,298	0,004	0,012	0,120	FALSE
0,013	0,302	0,000	0,011	0,012	FALSE
0,031	0,293	0,000	0,008	0,020	FALSE
-0,072	0,298	-0,002	0,010	0,094	FALSE
0,065	0,298	0,001	0,007	0,066	FALSE
0,030	0,310	0,001	0,010	0,046	FALSE
-0,078	0,312	-0,002	0,009	0,090	FALSE
-0,062	0,313	-0,001	0,007	0,076	FALSE
0,111	0,289	0,004	0,012	0,127	FALSE
0,164	0,308	0,006	0,009	0,262	FALSE
-0,066	0,314	-0,001	0,007	0,068	FALSE
0,020	0,303	0,002	0,012	0,062	FALSE

-0,024	0,303	-0,001	0,012	0,024	FALSE
-0,024	0,316	-0,001	0,012	0,031	FALSE
0,007	0,318	0,001	0,011	0,032	FALSE
0,042	0,303	0,002	0,012	0,054	FALSE
0,026	0,314	0,000	0,010	0,011	FALSE
0,061	0,301	0,003	0,011	0,095	FALSE
0,037	0,290	0,001	0,012	0,035	FALSE
0,039	0,307	0,001	0,008	0,035	FALSE
-0,038	0,316	-0,001	0,010	0,029	FALSE
0,115	0,313	0,004	0,010	0,161	FALSE
0,003	0,314	0,000	0,010	0,006	FALSE
-0,003	0,303	0,000	0,012	0,008	FALSE
0,008	0,323	0,001	0,012	0,028	FALSE
0,070	0,278	0,002	0,009	0,076	FALSE
0,005	0,309	0,000	0,010	0,005	FALSE
-0,001	0,292	0,000	0,010	0,011	FALSE
-0,024	0,309	-0,001	0,010	0,040	FALSE
-0,067	0,306	-0,002	0,010	0,068	FALSE
-0,079	0,309	-0,003	0,011	0,095	FALSE
-0,047	0,309	-0,002	0,008	0,091	FALSE
-0,009	0,309	0,001	0,010	0,022	FALSE
0,027	0,297	0,001	0,009	0,039	FALSE
-0,022	0,307	0,000	0,013	0,006	FALSE
0,062	0,299	0,002	0,007	0,114	FALSE
-0,112	0,304	-0,003	0,009	0,137	FALSE
0,028	0,305	0,001	0,009	0,025	FALSE
0,050	0,298	0,002	0,012	0,073	FALSE
-0,038	0,312	-0,001	0,013	0,030	FALSE
-0,015	0,304	0,000	0,013	0,006	FALSE
-0,053	0,307	-0,001	0,013	0,039	FALSE
0,088	0,295	0,004	0,012	0,145	FALSE
0,073	0,293	0,002	0,007	0,114	FALSE
-0,013	0,319	0,000	0,007	0,025	FALSE
0,061	0,304	0,003	0,012	0,083	FALSE
0,041	0,300	0,002	0,012	0,063	FALSE
-0,112	0,278	-0,004	0,010	0,140	FALSE
0,084	0,306	0,003	0,009	0,114	FALSE
-0,120	0,315	-0,005	0,012	0,170	FALSE
0,059	0,310	0,002	0,008	0,071	FALSE
-0,146	0,314	-0,004	0,007	0,209	FALSE
0,057	0,308	0,003	0,011	0,089	FALSE
0,045	0,305	0,001	0,010	0,053	FALSE
0,022	0,321	0,001	0,011	0,033	FALSE
0,092	0,292	0,003	0,009	0,139	FALSE
-0,018	0,310	-0,001	0,010	0,025	FALSE
0,057	0,292	0,002	0,012	0,073	FALSE
-0,011	0,306	-0,001	0,008	0,035	FALSE
0,029	0,306	0,001	0,008	0,063	FALSE
-0,149	0,298	-0,007	0,012	0,237	FALSE
-0,045	0,296	-0,001	0,010	0,047	FALSE
-0,038	0,296	-0,001	0,010	0,036	FALSE
-0,148	0,301	-0,004	0,009	0,214	FALSE
0,023	0,321	0,001	0,008	0,024	FALSE

0,076	0,298	0,002	0,010	0,091	FALSE
-0,001	0,314	-0,001	0,009	0,020	FALSE
0,085	0,317	0,002	0,009	0,099	FALSE
-0,051	0,304	-0,002	0,010	0,077	FALSE
-0,024	0,304	-0,001	0,010	0,050	FALSE
-0,151	0,296	-0,004	0,008	0,192	FALSE
-0,101	0,301	-0,003	0,008	0,137	FALSE
0,025	0,297	0,000	0,008	0,003	FALSE
0,141	0,301	0,005	0,009	0,214	FALSE
0,016	0,313	0,000	0,007	0,015	FALSE
-0,052	0,297	-0,002	0,008	0,071	FALSE
0,066	0,305	0,002	0,007	0,093	FALSE
-0,037	0,315	-0,001	0,012	0,039	FALSE
-0,034	0,309	-0,001	0,009	0,023	FALSE
0,021	0,291	0,001	0,008	0,050	FALSE
-0,012	0,309	0,001	0,010	0,025	FALSE
0,025	0,311	0,000	0,007	0,019	FALSE
-0,052	0,304	-0,001	0,007	0,034	FALSE
0,129	0,304	0,005	0,011	0,192	FALSE
-0,025	0,314	-0,001	0,008	0,041	FALSE
0,003	0,301	0,000	0,006	0,001	FALSE
0,026	0,312	0,001	0,007	0,035	FALSE
0,074	0,315	0,002	0,007	0,116	FALSE
0,089	0,297	0,002	0,007	0,135	FALSE
-0,046	0,308	-0,001	0,007	0,028	FALSE
-0,016	0,313	0,000	0,007	0,023	FALSE
0,086	0,308	0,002	0,008	0,101	FALSE
0,001	0,315	0,000	0,008	0,002	FALSE
0,047	0,310	0,001	0,011	0,022	FALSE
0,060	0,301	0,001	0,009	0,043	FALSE
0,021	0,325	0,001	0,009	0,020	FALSE
0,036	0,302	0,001	0,009	0,051	FALSE
0,098	0,299	0,002	0,006	0,143	FALSE
0,141	0,302	0,007	0,013	0,237	FALSE
-0,026	0,310	0,000	0,013	0,005	FALSE
-0,061	0,300	-0,003	0,009	0,134	FALSE
-0,010	0,297	0,000	0,006	0,020	FALSE
0,030	0,300	0,001	0,007	0,030	FALSE
-0,077	0,301	-0,003	0,011	0,099	FALSE
-0,085	0,306	-0,003	0,011	0,115	FALSE
-0,011	0,316	-0,001	0,011	0,029	FALSE
-0,138	0,305	-0,006	0,012	0,202	FALSE
-0,017	0,307	-0,001	0,011	0,036	FALSE
-0,003	0,306	0,000	0,011	0,016	FALSE
0,209	0,297	0,008	0,011	0,344	FALSE
0,094	0,303	0,003	0,009	0,149	FALSE
0,128	0,305	0,004	0,009	0,190	FALSE
0,054	0,294	0,002	0,011	0,054	FALSE
-0,076	0,309	-0,002	0,007	0,108	FALSE
0,067	0,316	0,001	0,007	0,074	FALSE
0,045	0,296	0,003	0,011	0,095	FALSE
-0,072	0,308	-0,003	0,010	0,118	FALSE
-0,075	0,316	-0,002	0,008	0,103	FALSE

-0,030	0,307	-0,001	0,011	0,032	FALSE
-0,049	0,304	-0,001	0,007	0,052	FALSE
0,043	0,302	0,001	0,007	0,032	FALSE
-0,030	0,309	-0,001	0,012	0,035	FALSE
-0,054	0,312	-0,002	0,011	0,056	FALSE
-0,080	0,291	-0,002	0,010	0,084	FALSE
0,118	0,306	0,005	0,011	0,183	FALSE
-0,029	0,309	-0,001	0,007	0,038	FALSE
0,153	0,307	0,005	0,010	0,200	FALSE
-0,012	0,298	-0,001	0,007	0,035	FALSE
0,123	0,311	0,003	0,008	0,152	FALSE
0,122	0,300	0,005	0,012	0,178	FALSE
0,010	0,315	0,001	0,008	0,033	FALSE
-0,154	0,307	-0,005	0,008	0,229	FALSE
-0,098	0,313	-0,003	0,008	0,123	FALSE
0,068	0,313	0,002	0,008	0,077	FALSE
-0,150	0,314	-0,006	0,013	0,197	FALSE
0,102	0,311	0,003	0,007	0,146	FALSE
-0,092	0,302	-0,002	0,006	0,128	FALSE
-0,116	0,305	-0,004	0,012	0,148	FALSE
0,002	0,318	0,000	0,010	0,005	FALSE
0,033	0,309	0,001	0,008	0,062	FALSE
0,036	0,302	0,002	0,007	0,080	FALSE
0,204	0,280	0,005	0,008	0,266	FALSE
0,004	0,306	0,000	0,008	0,010	FALSE
0,028	0,296	0,001	0,011	0,040	FALSE
0,015	0,312	0,000	0,010	0,016	FALSE
0,013	0,318	0,001	0,010	0,024	FALSE
0,058	0,320	0,001	0,008	0,064	FALSE
-0,081	0,325	-0,002	0,008	0,101	FALSE
0,052	0,309	0,002	0,008	0,068	FALSE
-0,006	0,302	0,000	0,012	0,010	FALSE
0,009	0,304	0,000	0,012	0,014	FALSE
0,008	0,327	0,001	0,011	0,018	FALSE
-0,080	0,301	-0,002	0,011	0,083	FALSE
-0,204	0,295	-0,008	0,012	0,294	FALSE
-0,194	0,294	-0,006	0,010	0,273	FALSE
-0,068	0,305	-0,004	0,013	0,115	FALSE
-0,010	0,296	0,000	0,007	0,002	FALSE
-0,037	0,307	-0,001	0,012	0,040	FALSE
-0,024	0,297	0,000	0,012	0,014	FALSE
-0,008	0,289	-0,001	0,011	0,034	FALSE
-0,002	0,293	0,000	0,013	0,000	FALSE
0,046	0,303	0,002	0,013	0,060	FALSE
-0,003	0,290	0,000	0,013	0,003	FALSE
0,018	0,298	0,001	0,013	0,022	FALSE
-0,013	0,304	0,000	0,006	0,025	FALSE
-0,026	0,305	-0,001	0,007	0,036	FALSE
0,053	0,310	0,003	0,012	0,082	FALSE
0,094	0,305	0,004	0,011	0,134	FALSE
0,138	0,304	0,003	0,007	0,199	FALSE
0,029	0,313	0,001	0,012	0,037	FALSE
-0,112	0,303	-0,003	0,008	0,136	FALSE

-0,099	0,299	-0,003	0,008	0,128	FALSE
0,044	0,306	0,001	0,007	0,031	FALSE
0,136	0,302	0,006	0,013	0,176	FALSE
0,105	0,298	0,004	0,012	0,141	FALSE
-0,116	0,309	-0,004	0,009	0,155	FALSE
0,125	0,314	0,003	0,007	0,171	FALSE
0,092	0,318	0,003	0,009	0,146	FALSE
-0,050	0,307	-0,001	0,010	0,053	FALSE
-0,029	0,320	-0,001	0,006	0,035	FALSE
-0,048	0,297	-0,001	0,010	0,044	FALSE
-0,121	0,298	-0,002	0,006	0,158	FALSE
-0,053	0,302	-0,001	0,008	0,044	FALSE
-0,035	0,310	-0,002	0,013	0,048	FALSE
-0,036	0,315	0,000	0,007	0,023	FALSE
-0,013	0,319	0,000	0,007	0,001	FALSE
-0,033	0,307	0,000	0,007	0,020	FALSE
0,121	0,312	0,003	0,009	0,131	FALSE
0,056	0,292	0,001	0,008	0,063	FALSE
0,018	0,308	0,000	0,007	0,019	FALSE
0,042	0,302	0,001	0,011	0,050	FALSE
-0,083	0,307	-0,004	0,013	0,114	FALSE
-0,102	0,318	-0,003	0,009	0,129	FALSE
-0,008	0,305	0,000	0,007	0,018	FALSE
-0,004	0,314	0,000	0,011	0,010	FALSE
0,018	0,304	0,001	0,009	0,025	FALSE
-0,003	0,312	0,000	0,010	0,012	FALSE
-0,027	0,297	-0,002	0,011	0,068	FALSE
-0,101	0,299	-0,004	0,009	0,162	FALSE
0,198	0,287	0,006	0,010	0,298	FALSE
-0,118	0,297	-0,005	0,012	0,151	FALSE
0,002	0,307	0,000	0,009	0,009	FALSE
-0,187	0,297	-0,005	0,008	0,285	FALSE
0,068	0,308	0,002	0,007	0,100	FALSE
0,010	0,316	0,001	0,012	0,015	FALSE
-0,124	0,293	-0,003	0,007	0,173	FALSE
-0,065	0,299	-0,002	0,010	0,071	FALSE
0,114	0,297	0,003	0,006	0,170	FALSE
0,105	0,308	0,003	0,006	0,157	FALSE
0,087	0,309	0,002	0,008	0,101	FALSE
0,125	0,314	0,003	0,007	0,174	FALSE
0,069	0,314	0,002	0,012	0,075	FALSE
-0,077	0,300	-0,002	0,007	0,104	FALSE
-0,071	0,297	-0,002	0,007	0,092	FALSE
-0,072	0,306	-0,003	0,011	0,095	FALSE
0,070	0,302	0,002	0,009	0,097	FALSE
0,031	0,310	0,002	0,013	0,042	FALSE
-0,005	0,310	0,000	0,007	0,005	FALSE
0,022	0,303	0,001	0,008	0,034	FALSE
-0,136	0,303	-0,004	0,008	0,193	FALSE
0,033	0,304	0,001	0,009	0,027	FALSE
0,109	0,313	0,002	0,007	0,113	FALSE
-0,133	0,305	-0,003	0,009	0,157	FALSE
0,065	0,315	0,003	0,012	0,102	FALSE

-0,039	0,312	-0,002	0,009	0,063	FALSE
0,022	0,312	0,002	0,013	0,052	FALSE
-0,030	0,297	-0,001	0,013	0,016	FALSE
-0,067	0,309	-0,002	0,012	0,052	FALSE
0,066	0,305	0,002	0,007	0,093	FALSE
-0,129	0,301	-0,003	0,006	0,173	FALSE
-0,019	0,306	0,000	0,009	0,012	FALSE
0,089	0,328	0,002	0,008	0,088	FALSE
0,063	0,305	0,001	0,007	0,057	FALSE
-0,141	0,300	-0,003	0,007	0,181	FALSE
-0,063	0,290	-0,002	0,009	0,071	FALSE
-0,094	0,286	-0,003	0,009	0,131	FALSE
-0,091	0,295	-0,003	0,011	0,120	FALSE
-0,009	0,308	0,000	0,012	0,005	FALSE
0,076	0,311	0,002	0,010	0,096	FALSE
-0,108	0,300	-0,004	0,011	0,130	FALSE
-0,015	0,318	-0,001	0,009	0,053	FALSE
-0,024	0,302	0,000	0,006	0,019	FALSE
0,045	0,313	0,001	0,009	0,061	FALSE
0,062	0,301	0,002	0,009	0,064	FALSE
-0,012	0,312	-0,001	0,012	0,015	FALSE
0,127	0,300	0,006	0,012	0,198	FALSE
-0,075	0,324	-0,002	0,008	0,105	FALSE
-0,117	0,300	-0,005	0,012	0,168	FALSE
-0,056	0,301	-0,002	0,009	0,064	FALSE
-0,153	0,295	-0,004	0,007	0,209	FALSE
0,011	0,305	0,000	0,007	0,001	FALSE
-0,046	0,314	-0,001	0,007	0,037	FALSE
0,016	0,322	0,001	0,008	0,025	FALSE
-0,130	0,307	-0,004	0,010	0,168	FALSE
-0,150	0,307	-0,005	0,010	0,210	FALSE
0,023	0,312	0,000	0,008	0,021	FALSE
0,000	0,314	0,000	0,009	0,009	FALSE
-0,040	0,294	-0,002	0,009	0,101	FALSE
0,020	0,306	0,001	0,012	0,026	FALSE
0,009	0,308	0,001	0,013	0,032	FALSE
-0,003	0,311	0,001	0,011	0,024	FALSE
-0,011	0,311	0,000	0,008	0,013	FALSE
0,053	0,314	0,002	0,007	0,078	FALSE
-0,014	0,306	0,000	0,007	0,010	FALSE
-0,026	0,304	-0,001	0,008	0,030	FALSE
0,040	0,300	0,001	0,009	0,024	FALSE
0,096	0,306	0,003	0,008	0,135	FALSE
-0,069	0,309	-0,002	0,007	0,116	FALSE
0,089	0,306	0,003	0,011	0,105	FALSE
-0,024	0,302	-0,001	0,011	0,018	FALSE
0,005	0,316	0,000	0,008	0,020	FALSE
-0,097	0,307	-0,002	0,009	0,094	FALSE
-0,045	0,322	-0,001	0,007	0,075	FALSE
0,001	0,325	0,000	0,007	0,003	FALSE
-0,001	0,300	0,000	0,012	0,003	FALSE
0,003	0,308	0,000	0,013	0,004	FALSE
0,048	0,296	0,001	0,006	0,053	FALSE

-0,037	0,313	-0,002	0,012	0,062	FALSE
-0,014	0,315	-0,001	0,012	0,027	FALSE
-0,025	0,307	-0,001	0,010	0,024	FALSE
0,072	0,300	0,001	0,006	0,080	FALSE
0,070	0,311	0,002	0,007	0,093	FALSE
-0,015	0,321	-0,002	0,013	0,045	FALSE
-0,002	0,308	0,000	0,012	0,012	FALSE
0,008	0,295	0,000	0,012	0,008	FALSE
0,081	0,296	0,004	0,012	0,125	FALSE
-0,003	0,295	0,000	0,007	0,010	FALSE
-0,011	0,301	0,000	0,011	0,005	FALSE
-0,030	0,313	-0,001	0,007	0,059	FALSE
-0,013	0,303	-0,001	0,008	0,033	FALSE
-0,027	0,309	-0,001	0,009	0,051	FALSE
-0,010	0,313	0,000	0,009	0,007	FALSE
-0,001	0,314	0,000	0,007	0,006	FALSE
-0,025	0,280	-0,001	0,012	0,032	FALSE
-0,059	0,303	-0,002	0,010	0,092	FALSE
-0,158	0,312	-0,005	0,010	0,222	FALSE
-0,040	0,310	-0,003	0,012	0,080	FALSE
-0,056	0,310	-0,003	0,012	0,097	FALSE
0,048	0,302	0,001	0,012	0,045	FALSE
-0,050	0,302	-0,003	0,012	0,084	FALSE
-0,075	0,298	-0,003	0,009	0,130	FALSE
0,152	0,291	0,005	0,010	0,213	FALSE
-0,189	0,299	-0,004	0,007	0,264	FALSE
-0,042	0,318	-0,001	0,007	0,033	FALSE
-0,013	0,310	-0,001	0,009	0,025	FALSE
0,063	0,298	0,002	0,010	0,091	FALSE
-0,014	0,316	0,000	0,007	0,015	FALSE
0,043	0,307	0,001	0,007	0,051	FALSE
0,030	0,305	0,001	0,007	0,030	FALSE
0,003	0,316	0,000	0,013	0,008	FALSE
-0,079	0,291	-0,003	0,012	0,086	FALSE
0,010	0,305	0,001	0,011	0,034	FALSE
-0,062	0,312	-0,001	0,007	0,052	FALSE
0,085	0,308	0,004	0,012	0,116	FALSE
0,027	0,303	0,001	0,013	0,038	FALSE
-0,005	0,314	0,000	0,013	0,005	FALSE
0,023	0,310	0,000	0,013	0,008	FALSE
-0,047	0,309	-0,001	0,011	0,045	FALSE
0,083	0,322	0,003	0,009	0,119	FALSE
-0,134	0,288	-0,003	0,007	0,153	FALSE
0,149	0,302	0,005	0,012	0,194	FALSE
0,046	0,316	0,001	0,008	0,055	FALSE
-0,049	0,304	-0,002	0,011	0,074	FALSE
-0,064	0,312	-0,003	0,012	0,100	FALSE
0,085	0,308	0,004	0,012	0,127	FALSE
-0,054	0,322	-0,002	0,010	0,056	FALSE
0,080	0,302	0,002	0,007	0,088	FALSE
-0,071	0,309	-0,002	0,010	0,076	FALSE
-0,021	0,320	-0,001	0,008	0,028	FALSE
0,086	0,295	0,004	0,012	0,143	FALSE

0,051	0,311	0,002	0,010	0,071	FALSE
0,011	0,317	0,001	0,013	0,031	FALSE
-0,036	0,295	-0,001	0,008	0,047	FALSE
-0,115	0,292	-0,005	0,010	0,222	FALSE
0,004	0,300	-0,001	0,008	0,034	FALSE
-0,052	0,305	-0,003	0,010	0,101	FALSE
0,064	0,312	0,003	0,013	0,101	FALSE
0,044	0,297	0,002	0,013	0,061	FALSE
-0,024	0,321	0,000	0,011	0,013	FALSE
-0,127	0,297	-0,007	0,013	0,241	FALSE
0,136	0,305	0,004	0,009	0,189	FALSE
0,011	0,309	0,000	0,010	0,012	FALSE
0,063	0,305	0,002	0,009	0,095	FALSE
0,186	0,283	0,008	0,012	0,290	FALSE
-0,059	0,321	-0,002	0,009	0,077	FALSE
-0,025	0,327	-0,001	0,012	0,033	FALSE
0,051	0,310	0,003	0,012	0,103	FALSE
0,068	0,304	0,003	0,011	0,124	FALSE
-0,077	0,295	-0,003	0,008	0,119	FALSE
0,039	0,315	0,001	0,010	0,033	FALSE
0,041	0,316	0,001	0,010	0,035	FALSE
0,041	0,326	0,001	0,010	0,024	FALSE
-0,042	0,301	-0,001	0,013	0,033	FALSE
0,007	0,298	0,000	0,012	0,013	FALSE
0,001	0,306	0,000	0,009	0,014	FALSE
-0,042	0,282	-0,003	0,012	0,096	FALSE
-0,083	0,308	-0,003	0,009	0,115	FALSE
-0,041	0,314	-0,001	0,012	0,032	FALSE
-0,096	0,285	-0,002	0,006	0,142	FALSE
0,184	0,281	0,008	0,011	0,301	FALSE
-0,052	0,296	-0,002	0,013	0,048	FALSE
-0,137	0,302	-0,006	0,013	0,192	FALSE
0,176	0,292	0,007	0,012	0,272	FALSE
-0,004	0,309	0,000	0,013	0,002	FALSE
0,009	0,294	0,000	0,006	0,001	FALSE
-0,080	0,277	-0,004	0,011	0,153	FALSE
-0,039	0,297	-0,001	0,006	0,060	FALSE
0,205	0,294	0,008	0,012	0,319	FALSE
-0,057	0,288	-0,002	0,008	0,076	FALSE
-0,052	0,309	-0,001	0,008	0,055	FALSE
0,003	0,312	0,000	0,012	0,003	FALSE
0,008	0,312	0,001	0,012	0,023	FALSE
-0,091	0,294	-0,003	0,010	0,118	FALSE
-0,172	0,296	-0,006	0,010	0,280	FALSE
-0,068	0,303	-0,002	0,007	0,118	FALSE
0,044	0,299	0,002	0,011	0,063	FALSE
0,048	0,294	0,001	0,009	0,044	FALSE
-0,048	0,295	-0,002	0,012	0,071	FALSE
0,075	0,292	0,003	0,010	0,109	FALSE
-0,014	0,306	-0,001	0,009	0,045	FALSE
0,060	0,310	0,003	0,013	0,093	FALSE
0,155	0,302	0,006	0,010	0,244	FALSE
0,117	0,300	0,004	0,010	0,179	FALSE

-0,075	0,295	-0,004	0,012	0,119	FALSE
-0,014	0,292	0,000	0,008	0,013	FALSE
-0,025	0,312	0,000	0,008	0,021	FALSE
-0,130	0,290	-0,005	0,008	0,236	FALSE
-0,006	0,319	0,000	0,008	0,011	FALSE
0,030	0,306	0,001	0,012	0,038	FALSE
0,020	0,304	0,000	0,007	0,010	FALSE
0,084	0,309	0,003	0,011	0,093	FALSE
0,036	0,287	0,001	0,007	0,067	FALSE
-0,047	0,308	-0,001	0,007	0,049	FALSE
0,008	0,307	0,000	0,007	0,008	FALSE
-0,036	0,307	-0,001	0,009	0,024	FALSE
0,068	0,316	0,002	0,010	0,069	FALSE
-0,093	0,300	-0,002	0,007	0,102	FALSE
-0,043	0,295	-0,001	0,006	0,039	FALSE
0,104	0,304	0,002	0,007	0,108	FALSE
-0,009	0,296	0,000	0,009	0,009	FALSE
-0,053	0,313	-0,002	0,013	0,070	FALSE
-0,061	0,313	-0,002	0,008	0,072	FALSE
0,066	0,300	0,001	0,009	0,061	FALSE
0,110	0,298	0,004	0,011	0,158	FALSE
-0,160	0,292	-0,004	0,007	0,264	FALSE
-0,031	0,305	-0,001	0,008	0,039	FALSE
-0,084	0,319	-0,002	0,010	0,092	FALSE
-0,085	0,312	-0,003	0,009	0,132	FALSE
0,022	0,309	0,001	0,013	0,034	FALSE
-0,044	0,300	-0,002	0,013	0,062	FALSE
-0,146	0,298	-0,005	0,010	0,211	FALSE
-0,082	0,292	-0,002	0,008	0,099	FALSE
-0,025	0,302	0,000	0,011	0,007	FALSE
-0,003	0,303	0,000	0,006	0,021	FALSE
0,012	0,330	0,001	0,009	0,024	FALSE
0,074	0,304	0,003	0,012	0,083	FALSE
0,105	0,313	0,004	0,013	0,127	FALSE
0,053	0,307	0,002	0,012	0,049	FALSE
-0,151	0,304	-0,005	0,012	0,171	FALSE
-0,115	0,292	-0,004	0,012	0,157	FALSE
-0,106	0,311	-0,005	0,013	0,137	FALSE
-0,060	0,316	-0,002	0,011	0,066	FALSE
-0,124	0,307	-0,005	0,013	0,154	FALSE
-0,055	0,305	-0,001	0,009	0,055	FALSE
0,094	0,298	0,002	0,008	0,108	FALSE
0,005	0,314	0,000	0,008	0,002	FALSE
0,035	0,305	0,002	0,011	0,063	FALSE
-0,026	0,310	0,000	0,012	0,010	FALSE
0,066	0,313	0,003	0,013	0,088	FALSE
0,182	0,300	0,008	0,013	0,265	FALSE
-0,023	0,302	0,000	0,007	0,010	FALSE
-0,014	0,293	0,000	0,008	0,012	FALSE
-0,078	0,305	-0,002	0,010	0,075	FALSE
0,026	0,312	0,001	0,010	0,045	FALSE
0,013	0,305	0,000	0,007	0,010	FALSE
0,117	0,310	0,003	0,008	0,137	FALSE

0,044	0,291	0,002	0,011	0,057	FALSE
0,029	0,296	0,001	0,006	0,038	FALSE
0,078	0,300	0,002	0,009	0,106	FALSE
0,089	0,314	0,003	0,010	0,111	FALSE
0,086	0,297	0,004	0,012	0,131	FALSE
0,095	0,287	0,003	0,010	0,134	FALSE
0,082	0,305	0,003	0,010	0,095	FALSE
-0,133	0,301	-0,004	0,008	0,197	FALSE
0,104	0,310	0,004	0,012	0,141	FALSE
-0,029	0,304	-0,001	0,006	0,057	FALSE
0,099	0,299	0,004	0,012	0,130	FALSE
0,101	0,311	0,003	0,009	0,137	FALSE
0,054	0,314	0,002	0,009	0,102	FALSE
0,020	0,306	0,001	0,010	0,020	FALSE
-0,060	0,314	-0,002	0,010	0,069	FALSE
0,028	0,307	0,001	0,008	0,046	FALSE
-0,012	0,320	0,000	0,009	0,008	FALSE
-0,008	0,311	-0,001	0,011	0,028	FALSE
0,049	0,305	0,002	0,012	0,068	FALSE
0,044	0,307	0,001	0,008	0,038	FALSE
-0,072	0,299	-0,003	0,012	0,098	FALSE
-0,015	0,292	0,000	0,011	0,007	FALSE
0,138	0,286	0,004	0,008	0,194	FALSE
0,134	0,300	0,005	0,011	0,182	FALSE
0,026	0,307	0,001	0,010	0,031	FALSE
-0,030	0,300	-0,001	0,007	0,064	FALSE
0,056	0,302	0,001	0,012	0,046	FALSE
0,003	0,316	0,000	0,012	0,014	FALSE
0,044	0,311	0,003	0,012	0,092	FALSE
0,049	0,314	0,003	0,012	0,084	FALSE
-0,123	0,311	-0,003	0,006	0,162	FALSE
0,008	0,300	0,000	0,013	0,008	FALSE
-0,023	0,310	-0,001	0,012	0,023	FALSE
-0,063	0,306	-0,003	0,010	0,098	FALSE
-0,046	0,316	-0,001	0,007	0,043	FALSE
0,011	0,305	0,000	0,007	0,009	FALSE
-0,175	0,297	-0,005	0,009	0,245	FALSE
0,047	0,291	0,001	0,007	0,052	FALSE
-0,170	0,295	-0,005	0,009	0,245	FALSE
0,091	0,307	0,002	0,007	0,101	FALSE
-0,046	0,299	-0,001	0,012	0,045	FALSE
-0,023	0,311	-0,001	0,011	0,021	FALSE
-0,106	0,319	-0,002	0,006	0,136	FALSE
0,006	0,323	0,000	0,010	0,002	FALSE
-0,080	0,305	-0,002	0,006	0,114	FALSE
-0,038	0,303	-0,001	0,006	0,057	FALSE
-0,113	0,303	-0,003	0,007	0,178	FALSE
-0,139	0,311	-0,004	0,009	0,159	FALSE
-0,049	0,317	-0,002	0,011	0,078	FALSE
-0,069	0,305	-0,001	0,008	0,041	FALSE
-0,014	0,298	0,000	0,012	0,011	FALSE
0,074	0,307	0,002	0,006	0,105	FALSE
-0,048	0,303	-0,001	0,008	0,024	FALSE

-0,001	0,304	-0,001	0,012	0,028	FALSE
-0,070	0,324	-0,001	0,010	0,056	FALSE
-0,190	0,308	-0,007	0,010	0,276	FALSE
-0,089	0,307	-0,004	0,012	0,118	FALSE
0,001	0,304	-0,001	0,013	0,035	FALSE
0,024	0,325	0,001	0,012	0,035	FALSE
-0,025	0,315	0,000	0,007	0,019	FALSE
-0,127	0,312	-0,003	0,008	0,146	FALSE
0,026	0,308	0,000	0,010	0,016	FALSE
-0,105	0,304	-0,004	0,012	0,130	FALSE
0,019	0,323	0,000	0,007	0,023	FALSE
-0,004	0,280	0,000	0,008	0,005	FALSE
-0,191	0,301	-0,008	0,012	0,305	FALSE
-0,222	0,306	-0,009	0,012	0,332	FALSE
-0,032	0,311	-0,001	0,008	0,039	FALSE
-0,042	0,300	-0,001	0,008	0,057	FALSE
0,009	0,310	0,000	0,011	0,014	FALSE
0,105	0,290	0,005	0,012	0,158	FALSE
-0,093	0,316	-0,003	0,011	0,118	FALSE
0,053	0,304	0,001	0,010	0,052	FALSE
-0,003	0,309	0,000	0,008	0,006	FALSE
-0,083	0,295	-0,002	0,008	0,102	FALSE
-0,134	0,287	-0,006	0,012	0,216	FALSE
-0,060	0,298	-0,003	0,011	0,103	FALSE
-0,044	0,293	-0,001	0,008	0,053	FALSE
-0,048	0,313	-0,001	0,008	0,065	FALSE
0,023	0,314	0,001	0,010	0,042	FALSE
-0,020	0,306	0,000	0,010	0,003	FALSE
-0,034	0,304	-0,002	0,012	0,059	FALSE
0,031	0,306	0,002	0,013	0,062	FALSE
0,074	0,298	0,002	0,007	0,108	FALSE
0,028	0,304	0,001	0,007	0,052	FALSE
0,039	0,307	0,001	0,007	0,071	FALSE
0,071	0,310	0,002	0,010	0,058	FALSE
0,006	0,295	0,000	0,012	0,006	FALSE
0,079	0,299	0,003	0,012	0,108	FALSE
0,157	0,297	0,003	0,007	0,202	FALSE
0,030	0,324	0,001	0,008	0,025	FALSE
-0,115	0,311	-0,003	0,009	0,135	FALSE
0,070	0,305	0,002	0,009	0,079	FALSE
0,071	0,305	0,002	0,009	0,082	FALSE
-0,042	0,308	-0,003	0,012	0,082	FALSE
0,130	0,300	0,006	0,013	0,193	FALSE
0,030	0,314	0,001	0,013	0,019	FALSE
-0,042	0,296	-0,001	0,006	0,040	FALSE
0,077	0,306	0,002	0,007	0,083	FALSE
0,027	0,315	0,000	0,012	0,010	FALSE
-0,104	0,304	-0,002	0,007	0,101	FALSE
-0,105	0,302	-0,003	0,009	0,112	FALSE
-0,024	0,307	0,000	0,007	0,021	FALSE
-0,029	0,313	-0,001	0,008	0,032	FALSE
0,071	0,312	0,003	0,011	0,091	FALSE
0,021	0,307	0,001	0,006	0,041	FALSE

0,007	0,299	0,000	0,007	0,006	FALSE
0,036	0,311	0,001	0,007	0,043	FALSE
0,012	0,303	0,000	0,010	0,015	FALSE
0,126	0,306	0,003	0,007	0,153	FALSE
0,007	0,303	0,000	0,009	0,021	FALSE
0,201	0,304	0,006	0,010	0,268	FALSE
0,092	0,307	0,003	0,009	0,104	FALSE
-0,148	0,293	-0,005	0,009	0,257	FALSE
0,063	0,298	0,003	0,012	0,105	FALSE
-0,021	0,301	-0,001	0,010	0,035	FALSE
-0,184	0,295	-0,007	0,010	0,279	FALSE
0,053	0,313	0,002	0,010	0,055	FALSE
-0,223	0,304	-0,010	0,013	0,360	FALSE
-0,222	0,304	-0,009	0,012	0,360	FALSE
0,085	0,298	0,002	0,007	0,124	FALSE
0,079	0,313	0,002	0,007	0,120	FALSE
-0,066	0,310	-0,001	0,007	0,071	FALSE
-0,044	0,313	-0,001	0,007	0,059	FALSE
0,022	0,304	0,000	0,013	0,002	FALSE
0,033	0,306	0,001	0,008	0,048	FALSE
-0,084	0,312	-0,003	0,012	0,100	FALSE
0,070	0,300	0,001	0,007	0,084	FALSE
-0,007	0,312	0,000	0,009	0,012	FALSE
-0,071	0,317	-0,003	0,012	0,081	FALSE
0,080	0,298	0,003	0,011	0,102	FALSE
0,023	0,312	0,001	0,013	0,035	FALSE
-0,007	0,302	0,000	0,007	0,005	FALSE
0,045	0,301	0,001	0,007	0,048	FALSE
-0,065	0,314	-0,003	0,013	0,089	FALSE
-0,023	0,301	-0,001	0,009	0,028	FALSE
-0,010	0,308	0,000	0,007	0,019	FALSE
0,091	0,318	0,003	0,012	0,106	FALSE
0,121	0,297	0,004	0,010	0,164	FALSE
0,029	0,318	0,001	0,008	0,026	FALSE
0,062	0,303	0,001	0,007	0,063	FALSE
-0,021	0,314	-0,002	0,012	0,046	FALSE
-0,002	0,302	0,000	0,012	0,014	FALSE
0,082	0,308	0,001	0,006	0,082	FALSE
-0,015	0,323	0,000	0,007	0,019	FALSE
0,026	0,310	0,000	0,006	0,026	FALSE
-0,063	0,316	-0,003	0,013	0,095	FALSE
-0,035	0,316	-0,001	0,007	0,055	FALSE
-0,040	0,310	-0,001	0,012	0,033	FALSE
-0,034	0,314	-0,001	0,012	0,025	FALSE
-0,019	0,319	0,000	0,012	0,001	FALSE
-0,015	0,323	0,000	0,012	0,005	FALSE
-0,033	0,298	-0,001	0,012	0,042	FALSE
0,060	0,311	0,002	0,008	0,105	FALSE
-0,077	0,301	-0,003	0,012	0,104	FALSE
0,039	0,309	0,002	0,013	0,047	FALSE
0,077	0,305	0,003	0,010	0,115	FALSE
0,045	0,323	0,002	0,013	0,064	FALSE
0,000	0,310	0,000	0,012	0,007	FALSE

-0,086	0,294	-0,003	0,009	0,116	FALSE
0,096	0,315	0,003	0,009	0,145	FALSE
0,080	0,313	0,003	0,008	0,132	FALSE
0,152	0,309	0,006	0,010	0,244	FALSE
-0,052	0,313	-0,002	0,011	0,061	FALSE
-0,001	0,306	0,000	0,008	0,014	FALSE
-0,044	0,307	-0,002	0,011	0,059	FALSE
0,136	0,307	0,003	0,008	0,180	FALSE
0,091	0,297	0,003	0,009	0,103	FALSE
-0,031	0,311	-0,001	0,010	0,041	FALSE
-0,050	0,306	-0,002	0,011	0,069	FALSE
-0,013	0,312	-0,001	0,011	0,021	FALSE
0,032	0,290	0,001	0,008	0,034	FALSE
0,003	0,310	0,000	0,012	0,007	FALSE
-0,023	0,316	-0,001	0,013	0,026	FALSE
-0,155	0,309	-0,007	0,013	0,219	FALSE
-0,185	0,296	-0,008	0,013	0,283	FALSE
-0,006	0,307	-0,001	0,013	0,029	FALSE
0,004	0,309	-0,001	0,013	0,015	FALSE
0,000	0,311	0,000	0,013	0,004	FALSE
0,059	0,309	0,001	0,007	0,075	FALSE
-0,063	0,309	-0,003	0,013	0,103	FALSE
0,043	0,307	0,001	0,007	0,036	FALSE
-0,055	0,295	-0,001	0,008	0,050	FALSE
-0,077	0,296	-0,004	0,013	0,113	FALSE
-0,030	0,294	-0,001	0,010	0,026	FALSE
0,079	0,303	0,002	0,009	0,092	FALSE
0,075	0,301	0,001	0,006	0,087	FALSE
0,004	0,285	0,001	0,011	0,028	FALSE
0,007	0,297	0,001	0,010	0,039	FALSE
-0,177	0,291	-0,006	0,011	0,240	FALSE
0,068	0,298	0,002	0,012	0,057	FALSE
-0,026	0,296	0,000	0,008	0,020	FALSE
0,092	0,289	0,003	0,013	0,089	FALSE
0,099	0,292	0,003	0,012	0,099	FALSE
0,133	0,298	0,004	0,012	0,155	FALSE
0,060	0,304	0,001	0,007	0,051	FALSE
0,105	0,323	0,003	0,009	0,120	FALSE
-0,030	0,307	0,000	0,008	0,018	FALSE
-0,008	0,306	0,000	0,008	0,018	FALSE
-0,079	0,312	-0,002	0,009	0,099	FALSE
-0,106	0,306	-0,003	0,009	0,144	FALSE
0,048	0,304	0,002	0,009	0,067	FALSE
-0,053	0,305	-0,002	0,012	0,070	FALSE
-0,239	0,292	-0,005	0,006	0,339	FALSE
-0,161	0,310	-0,006	0,011	0,238	FALSE
0,100	0,307	0,003	0,010	0,123	FALSE
-0,064	0,313	-0,002	0,009	0,071	FALSE
0,053	0,300	0,001	0,008	0,046	FALSE
-0,063	0,308	-0,002	0,011	0,084	FALSE
-0,057	0,309	-0,001	0,007	0,066	FALSE
0,087	0,323	0,003	0,009	0,120	FALSE
0,083	0,305	0,004	0,010	0,138	TRUE

-0,062	0,296	-0,002	0,012	0,067	FALSE
0,088	0,310	0,003	0,010	0,126	FALSE
0,064	0,308	0,003	0,012	0,084	FALSE
0,010	0,313	0,001	0,011	0,018	FALSE
0,051	0,325	0,003	0,013	0,085	FALSE
0,071	0,296	0,004	0,012	0,119	FALSE
0,003	0,298	0,000	0,006	0,001	FALSE
-0,130	0,302	-0,004	0,010	0,154	FALSE
0,049	0,306	0,001	0,007	0,064	FALSE
-0,068	0,309	-0,004	0,012	0,117	FALSE
-0,106	0,312	-0,004	0,010	0,143	FALSE
-0,086	0,305	-0,003	0,010	0,111	FALSE
-0,007	0,287	0,000	0,010	0,012	FALSE
-0,063	0,313	-0,002	0,009	0,099	FALSE
-0,058	0,297	-0,002	0,009	0,099	FALSE
-0,034	0,308	-0,001	0,011	0,030	FALSE
0,021	0,322	0,000	0,012	0,001	FALSE
-0,047	0,306	-0,001	0,013	0,027	FALSE
0,113	0,305	0,004	0,011	0,145	FALSE
-0,165	0,295	-0,004	0,007	0,232	FALSE
-0,049	0,310	-0,001	0,010	0,053	FALSE
-0,026	0,305	0,000	0,007	0,020	FALSE
0,056	0,326	0,003	0,011	0,095	FALSE
-0,039	0,295	-0,001	0,009	0,056	FALSE
0,071	0,306	0,004	0,012	0,120	FALSE
0,018	0,304	0,001	0,010	0,028	FALSE
-0,033	0,310	-0,002	0,012	0,049	FALSE
-0,072	0,316	-0,003	0,013	0,082	FALSE
-0,073	0,317	-0,003	0,013	0,101	FALSE
0,083	0,307	0,002	0,013	0,068	FALSE
-0,025	0,302	-0,001	0,012	0,015	FALSE
0,068	0,322	0,001	0,008	0,065	FALSE
-0,007	0,311	0,000	0,009	0,002	FALSE
-0,039	0,302	-0,002	0,009	0,077	FALSE
-0,084	0,289	-0,002	0,007	0,091	FALSE
0,059	0,289	0,001	0,010	0,043	FALSE
0,056	0,286	0,002	0,010	0,057	FALSE
-0,042	0,312	-0,001	0,007	0,063	FALSE
0,053	0,318	0,001	0,012	0,038	FALSE
0,016	0,300	0,000	0,006	0,005	FALSE
-0,016	0,304	-0,001	0,011	0,038	FALSE
0,030	0,297	0,002	0,012	0,048	FALSE
-0,022	0,318	-0,001	0,011	0,049	FALSE
0,034	0,294	0,002	0,010	0,098	FALSE
0,027	0,295	0,002	0,010	0,079	FALSE
0,129	0,303	0,004	0,011	0,140	FALSE
-0,028	0,298	-0,001	0,009	0,022	FALSE
0,050	0,309	0,002	0,011	0,057	FALSE
0,045	0,302	0,001	0,009	0,040	FALSE
0,040	0,290	0,000	0,012	0,010	FALSE
-0,051	0,311	-0,002	0,013	0,044	FALSE
-0,022	0,319	0,000	0,013	0,005	FALSE
0,020	0,300	0,000	0,007	0,024	FALSE

0,072	0,302	0,002	0,011	0,075	FALSE
-0,124	0,297	-0,004	0,009	0,196	FALSE
0,078	0,322	0,002	0,013	0,064	FALSE
0,087	0,313	0,003	0,013	0,086	FALSE
0,066	0,315	0,002	0,013	0,057	FALSE
0,061	0,298	0,002	0,007	0,125	FALSE
0,045	0,302	0,002	0,011	0,075	FALSE
0,104	0,302	0,003	0,008	0,141	FALSE
0,043	0,305	0,002	0,011	0,059	FALSE
0,128	0,316	0,004	0,008	0,187	FALSE
0,110	0,327	0,003	0,009	0,153	FALSE
0,000	0,314	0,000	0,009	0,001	FALSE
0,016	0,300	0,001	0,013	0,029	FALSE
-0,006	0,315	0,000	0,009	0,016	FALSE
0,017	0,311	0,002	0,010	0,058	FALSE
-0,009	0,288	0,000	0,011	0,007	FALSE
-0,084	0,324	-0,002	0,007	0,099	FALSE
-0,007	0,318	0,000	0,007	0,004	FALSE
0,016	0,298	0,000	0,011	0,015	FALSE
-0,011	0,315	0,000	0,008	0,012	FALSE
-0,039	0,302	-0,001	0,010	0,046	FALSE
0,022	0,321	0,000	0,007	0,022	FALSE
-0,097	0,284	-0,003	0,009	0,145	FALSE
0,193	0,302	0,008	0,013	0,255	FALSE
-0,045	0,310	-0,001	0,007	0,050	FALSE
0,212	0,295	0,005	0,007	0,332	FALSE
0,073	0,314	0,003	0,012	0,085	FALSE
0,090	0,307	0,002	0,008	0,088	FALSE
0,106	0,302	0,002	0,007	0,128	FALSE
-0,045	0,307	-0,001	0,007	0,043	FALSE
-0,024	0,313	-0,001	0,010	0,043	FALSE
0,158	0,302	0,003	0,007	0,194	FALSE
0,035	0,316	0,001	0,009	0,041	FALSE
0,054	0,304	0,002	0,008	0,095	FALSE
-0,044	0,295	-0,001	0,008	0,068	FALSE
-0,011	0,301	0,000	0,008	0,020	FALSE
-0,036	0,312	-0,002	0,012	0,069	FALSE
0,094	0,312	0,003	0,007	0,146	FALSE
-0,036	0,312	-0,001	0,010	0,043	FALSE
-0,033	0,313	0,000	0,012	0,011	FALSE
0,045	0,292	0,001	0,006	0,035	FALSE
0,052	0,292	0,002	0,011	0,083	FALSE
-0,058	0,296	-0,002	0,011	0,071	FALSE
0,042	0,313	0,001	0,007	0,054	FALSE
0,026	0,308	0,001	0,008	0,023	FALSE
0,065	0,322	0,002	0,013	0,068	FALSE
-0,094	0,309	-0,001	0,007	0,066	FALSE
0,064	0,301	0,002	0,012	0,056	FALSE
-0,117	0,284	-0,002	0,007	0,115	FALSE
-0,061	0,315	-0,002	0,012	0,049	FALSE
0,061	0,309	0,002	0,012	0,059	FALSE
-0,011	0,320	-0,001	0,013	0,020	FALSE
0,177	0,307	0,004	0,007	0,246	FALSE

0,133	0,304	0,005	0,011	0,187	FALSE
0,091	0,301	0,004	0,012	0,125	FALSE
0,105	0,304	0,003	0,008	0,148	FALSE
-0,028	0,313	-0,002	0,013	0,045	FALSE
0,074	0,312	0,002	0,007	0,123	FALSE
0,023	0,308	0,001	0,009	0,024	FALSE
0,055	0,290	0,001	0,007	0,068	FALSE
0,087	0,306	0,002	0,007	0,132	FALSE
0,114	0,300	0,003	0,007	0,182	FALSE
0,101	0,310	0,003	0,007	0,169	FALSE
0,093	0,300	0,003	0,007	0,139	FALSE
0,044	0,301	0,001	0,007	0,031	FALSE
0,034	0,310	0,000	0,007	0,022	FALSE
0,027	0,305	0,002	0,010	0,060	FALSE
-0,002	0,317	0,000	0,007	0,005	FALSE
-0,005	0,321	0,000	0,007	0,014	FALSE
0,091	0,302	0,003	0,010	0,121	FALSE
-0,118	0,304	-0,003	0,008	0,145	FALSE
-0,168	0,312	-0,006	0,011	0,214	FALSE
-0,046	0,297	-0,001	0,007	0,038	FALSE
-0,076	0,332	-0,004	0,014	0,106	FALSE
-0,024	0,308	-0,001	0,008	0,038	FALSE
0,038	0,313	0,001	0,008	0,064	FALSE
-0,130	0,318	-0,003	0,007	0,192	FALSE
-0,008	0,311	-0,001	0,010	0,024	FALSE
-0,108	0,310	-0,003	0,007	0,144	FALSE
0,015	0,309	0,001	0,007	0,055	FALSE
0,090	0,310	0,003	0,009	0,114	FALSE
0,123	0,298	0,005	0,012	0,175	FALSE
-0,103	0,301	-0,003	0,010	0,114	FALSE
0,167	0,300	0,007	0,012	0,238	FALSE
-0,090	0,292	-0,002	0,007	0,139	FALSE
-0,069	0,307	-0,003	0,011	0,092	FALSE
0,057	0,310	0,003	0,012	0,083	FALSE
-0,002	0,288	0,000	0,007	0,001	FALSE
-0,160	0,301	-0,007	0,012	0,245	FALSE
0,155	0,309	0,007	0,012	0,221	FALSE
-0,074	0,319	-0,003	0,011	0,110	FALSE
0,067	0,303	0,002	0,011	0,061	FALSE
0,126	0,286	0,004	0,008	0,206	FALSE
-0,017	0,309	-0,001	0,012	0,033	FALSE
-0,122	0,308	-0,003	0,007	0,155	FALSE
0,033	0,308	0,000	0,009	0,013	FALSE
-0,051	0,304	-0,002	0,013	0,075	FALSE
-0,144	0,300	-0,005	0,009	0,212	FALSE
-0,021	0,300	0,000	0,007	0,019	FALSE
0,032	0,304	0,001	0,008	0,066	FALSE
-0,131	0,304	-0,005	0,013	0,171	FALSE
-0,044	0,313	-0,002	0,010	0,053	FALSE
0,041	0,297	0,001	0,011	0,035	FALSE
-0,011	0,299	0,000	0,009	0,008	FALSE
-0,007	0,313	0,000	0,007	0,012	FALSE
-0,082	0,301	-0,002	0,008	0,079	FALSE

-0,131	0,308	-0,004	0,011	0,146	FALSE
-0,135	0,296	-0,004	0,011	0,161	FALSE
0,081	0,318	0,003	0,010	0,115	FALSE
-0,040	0,313	-0,001	0,007	0,042	FALSE
0,172	0,282	0,006	0,011	0,231	FALSE
0,002	0,300	0,000	0,013	0,006	FALSE
0,115	0,300	0,003	0,010	0,124	FALSE
0,016	0,304	0,000	0,007	0,004	FALSE
0,030	0,304	0,001	0,009	0,039	FALSE
-0,105	0,309	-0,005	0,013	0,156	FALSE
-0,031	0,308	-0,001	0,010	0,039	FALSE
0,083	0,305	0,005	0,013	0,139	FALSE
0,113	0,304	0,006	0,013	0,185	FALSE
0,078	0,298	0,004	0,012	0,132	FALSE
0,018	0,304	0,000	0,008	0,020	FALSE
0,031	0,305	0,001	0,012	0,028	FALSE
0,146	0,309	0,003	0,007	0,193	FALSE
0,045	0,291	0,002	0,011	0,056	FALSE
-0,037	0,307	-0,001	0,013	0,026	FALSE
0,029	0,297	0,001	0,007	0,058	FALSE
0,035	0,291	0,001	0,007	0,068	FALSE
-0,099	0,303	-0,003	0,007	0,153	FALSE
0,062	0,300	0,002	0,008	0,091	FALSE
-0,052	0,328	-0,002	0,009	0,067	FALSE
0,111	0,307	0,003	0,010	0,139	FALSE
0,035	0,309	0,000	0,011	0,012	FALSE
0,024	0,306	0,000	0,011	0,009	FALSE
0,081	0,306	0,003	0,013	0,094	FALSE
-0,071	0,304	-0,003	0,013	0,087	FALSE
-0,062	0,304	-0,003	0,012	0,082	FALSE
-0,025	0,314	-0,002	0,013	0,045	FALSE
-0,037	0,304	-0,001	0,010	0,051	FALSE
-0,059	0,304	-0,003	0,013	0,074	FALSE
-0,010	0,305	0,000	0,011	0,013	FALSE
0,016	0,314	0,000	0,008	0,011	FALSE
-0,139	0,302	-0,006	0,013	0,214	FALSE
-0,028	0,308	0,000	0,012	0,014	FALSE
0,030	0,318	0,001	0,012	0,020	FALSE
0,062	0,293	0,002	0,011	0,056	FALSE
0,117	0,309	0,003	0,008	0,156	FALSE
-0,011	0,308	-0,001	0,012	0,027	FALSE
-0,010	0,312	0,000	0,008	0,006	FALSE
0,060	0,304	0,002	0,008	0,099	FALSE
0,067	0,313	0,002	0,012	0,072	FALSE
-0,071	0,300	-0,002	0,008	0,094	FALSE
-0,085	0,303	-0,004	0,012	0,111	FALSE
-0,057	0,300	-0,003	0,012	0,084	FALSE
0,081	0,302	0,002	0,008	0,091	FALSE
-0,072	0,282	-0,002	0,008	0,111	FALSE
0,021	0,305	0,000	0,012	0,001	FALSE
0,024	0,313	0,000	0,007	0,010	FALSE
-0,019	0,312	-0,001	0,009	0,041	FALSE
0,103	0,297	0,005	0,013	0,149	FALSE

-0,060	0,320	-0,002	0,010	0,078	FALSE
-0,096	0,315	-0,003	0,010	0,118	FALSE
-0,021	0,304	-0,001	0,009	0,037	FALSE
-0,068	0,312	-0,002	0,012	0,073	FALSE
-0,029	0,300	-0,001	0,009	0,034	FALSE
-0,028	0,307	0,000	0,008	0,020	FALSE
-0,008	0,317	-0,001	0,009	0,027	FALSE
0,091	0,298	0,003	0,012	0,085	FALSE
-0,112	0,307	-0,003	0,010	0,134	FALSE
-0,071	0,325	-0,002	0,010	0,055	FALSE
0,028	0,318	0,001	0,009	0,024	FALSE
-0,075	0,319	-0,002	0,011	0,081	FALSE
0,105	0,314	0,004	0,013	0,119	FALSE
-0,144	0,301	-0,004	0,007	0,210	FALSE
-0,095	0,299	-0,004	0,010	0,142	FALSE
-0,122	0,302	-0,004	0,009	0,178	FALSE
-0,078	0,316	-0,004	0,012	0,120	FALSE
-0,170	0,298	-0,006	0,010	0,269	FALSE
0,069	0,305	0,003	0,013	0,091	FALSE
0,061	0,315	0,001	0,009	0,044	FALSE
0,007	0,307	0,001	0,009	0,041	FALSE
-0,018	0,310	0,000	0,007	0,014	FALSE
-0,020	0,310	0,000	0,008	0,017	FALSE
0,039	0,304	0,001	0,008	0,035	FALSE
-0,117	0,298	-0,004	0,011	0,127	FALSE
0,058	0,313	0,001	0,007	0,063	FALSE
0,058	0,320	0,001	0,007	0,071	FALSE
-0,034	0,302	0,000	0,008	0,014	FALSE
-0,117	0,292	-0,004	0,008	0,187	FALSE
0,058	0,315	0,002	0,007	0,092	FALSE
0,042	0,309	0,001	0,007	0,058	FALSE
-0,068	0,299	-0,002	0,009	0,075	FALSE
0,054	0,306	0,002	0,012	0,059	FALSE
-0,083	0,308	-0,002	0,009	0,091	FALSE
0,153	0,315	0,004	0,009	0,200	FALSE
0,154	0,303	0,004	0,008	0,234	FALSE
-0,096	0,297	-0,002	0,007	0,138	FALSE
-0,040	0,309	-0,001	0,011	0,040	FALSE
0,013	0,304	0,000	0,007	0,019	FALSE
0,196	0,304	0,005	0,008	0,293	FALSE
0,089	0,300	0,002	0,006	0,130	FALSE
-0,081	0,310	-0,002	0,008	0,114	FALSE
-0,042	0,316	-0,001	0,012	0,042	FALSE
0,000	0,320	0,000	0,012	0,001	FALSE
-0,128	0,302	-0,005	0,011	0,194	FALSE
0,044	0,309	0,001	0,013	0,028	FALSE
-0,027	0,300	0,000	0,007	0,016	FALSE
0,128	0,306	0,004	0,010	0,166	FALSE
-0,032	0,311	-0,001	0,007	0,047	FALSE
0,136	0,300	0,003	0,007	0,202	FALSE
0,135	0,293	0,004	0,009	0,183	FALSE
0,020	0,309	0,000	0,008	0,003	FALSE
0,021	0,315	0,000	0,008	0,007	FALSE

0,003	0,303	-0,001	0,008	0,027	FALSE
-0,030	0,317	-0,001	0,007	0,026	FALSE
-0,007	0,314	0,000	0,009	0,004	FALSE
0,046	0,298	0,001	0,011	0,044	FALSE
-0,065	0,300	-0,002	0,012	0,065	FALSE
-0,156	0,293	-0,004	0,007	0,230	FALSE
0,029	0,300	0,000	0,009	0,016	FALSE
0,044	0,320	0,001	0,010	0,043	FALSE
0,031	0,319	0,000	0,009	0,018	FALSE
0,049	0,316	0,001	0,009	0,050	FALSE
-0,039	0,315	-0,001	0,008	0,030	FALSE
-0,074	0,322	-0,004	0,013	0,102	FALSE
0,143	0,299	0,005	0,009	0,233	FALSE
0,000	0,305	-0,001	0,010	0,026	FALSE
-0,006	0,321	-0,001	0,013	0,015	FALSE
-0,063	0,292	-0,002	0,008	0,097	FALSE
-0,056	0,310	-0,002	0,009	0,091	FALSE
-0,033	0,294	-0,001	0,007	0,048	FALSE
0,166	0,309	0,004	0,007	0,230	FALSE
0,071	0,303	0,001	0,008	0,053	FALSE
-0,063	0,308	-0,002	0,010	0,082	FALSE
0,026	0,310	0,001	0,012	0,031	FALSE
0,011	0,309	0,000	0,011	0,003	FALSE
0,051	0,309	0,001	0,007	0,081	FALSE
-0,001	0,316	0,000	0,010	0,016	FALSE
-0,024	0,306	-0,001	0,013	0,043	FALSE
0,044	0,295	0,003	0,012	0,079	FALSE
-0,045	0,305	-0,001	0,006	0,035	FALSE
-0,036	0,315	0,000	0,007	0,024	FALSE
0,022	0,321	0,000	0,011	0,008	FALSE
-0,049	0,310	-0,001	0,007	0,048	FALSE
0,018	0,315	0,001	0,008	0,031	FALSE
-0,038	0,285	-0,001	0,007	0,050	FALSE
-0,068	0,304	-0,001	0,010	0,045	FALSE
-0,049	0,319	-0,002	0,010	0,068	FALSE
0,048	0,308	0,001	0,010	0,043	FALSE
0,137	0,295	0,003	0,009	0,151	FALSE
-0,104	0,297	-0,002	0,006	0,109	FALSE
0,111	0,301	0,002	0,007	0,102	FALSE
-0,058	0,312	-0,001	0,008	0,064	FALSE
-0,095	0,309	-0,003	0,010	0,128	FALSE
-0,043	0,302	-0,001	0,008	0,069	FALSE
0,001	0,308	0,001	0,013	0,024	FALSE
-0,007	0,308	0,000	0,007	0,007	FALSE
0,066	0,301	0,002	0,007	0,126	FALSE
0,000	0,298	0,000	0,008	0,009	FALSE
-0,010	0,321	0,000	0,006	0,012	FALSE
0,140	0,310	0,007	0,013	0,228	FALSE
0,098	0,314	0,003	0,008	0,146	FALSE
-0,074	0,311	-0,002	0,007	0,115	FALSE
0,125	0,308	0,002	0,006	0,130	FALSE
0,057	0,316	0,002	0,013	0,068	FALSE
0,035	0,289	0,001	0,012	0,044	FALSE

0,000	0,315	0,000	0,013	0,004	FALSE
0,049	0,313	0,002	0,010	0,059	FALSE
-0,103	0,295	-0,002	0,008	0,113	FALSE
0,038	0,315	0,001	0,013	0,027	FALSE
-0,029	0,291	-0,001	0,008	0,067	FALSE
0,113	0,297	0,002	0,006	0,143	FALSE
0,001	0,296	0,000	0,006	0,022	FALSE
0,063	0,322	0,004	0,012	0,117	FALSE
0,064	0,320	0,003	0,012	0,111	FALSE
0,032	0,314	0,001	0,008	0,046	FALSE
0,036	0,302	0,002	0,011	0,065	FALSE
-0,131	0,313	-0,004	0,009	0,179	FALSE
0,196	0,302	0,008	0,012	0,293	FALSE
0,033	0,293	0,001	0,007	0,032	FALSE
-0,011	0,297	0,000	0,007	0,018	FALSE
-0,193	0,309	-0,008	0,013	0,300	FALSE
-0,010	0,310	-0,001	0,008	0,023	FALSE
-0,103	0,303	-0,004	0,011	0,145	FALSE
0,001	0,301	0,000	0,008	0,016	FALSE
0,100	0,308	0,004	0,011	0,134	FALSE
0,009	0,298	0,000	0,009	0,017	FALSE
0,027	0,311	0,002	0,011	0,057	FALSE
0,128	0,306	0,005	0,013	0,153	FALSE
-0,072	0,315	-0,003	0,012	0,093	FALSE
0,044	0,300	0,002	0,008	0,098	FALSE
0,032	0,305	0,001	0,010	0,049	FALSE
-0,135	0,301	-0,003	0,007	0,192	FALSE
-0,004	0,308	0,000	0,008	0,011	FALSE
0,016	0,320	0,001	0,013	0,021	FALSE
-0,107	0,310	-0,002	0,007	0,123	FALSE
-0,073	0,314	-0,003	0,012	0,090	FALSE
-0,010	0,304	0,000	0,010	0,009	FALSE
-0,088	0,292	-0,002	0,007	0,127	FALSE
0,001	0,319	0,000	0,013	0,007	FALSE
0,083	0,309	0,002	0,008	0,109	FALSE
-0,014	0,309	-0,001	0,012	0,018	FALSE
-0,037	0,313	-0,001	0,007	0,034	FALSE
0,013	0,312	0,001	0,008	0,027	FALSE
-0,014	0,298	-0,001	0,007	0,029	FALSE
-0,091	0,300	-0,002	0,008	0,119	FALSE
-0,070	0,307	-0,002	0,008	0,081	FALSE
0,043	0,308	0,000	0,008	0,016	FALSE
-0,002	0,303	0,001	0,008	0,033	FALSE
-0,063	0,299	-0,003	0,011	0,085	FALSE
-0,001	0,303	0,000	0,012	0,012	FALSE
0,026	0,305	0,000	0,009	0,002	FALSE
-0,142	0,304	-0,005	0,012	0,187	FALSE
0,181	0,292	0,006	0,010	0,265	FALSE
-0,094	0,325	-0,003	0,012	0,109	FALSE
-0,093	0,305	-0,004	0,012	0,149	FALSE
0,060	0,299	0,001	0,009	0,049	FALSE
-0,047	0,309	-0,001	0,010	0,032	FALSE
0,062	0,307	0,002	0,012	0,062	FALSE

-0,060	0,310	-0,003	0,011	0,101	FALSE
-0,023	0,293	0,000	0,010	0,008	FALSE
-0,081	0,314	-0,002	0,009	0,099	FALSE
-0,076	0,305	-0,002	0,008	0,110	FALSE
-0,075	0,304	-0,002	0,008	0,094	FALSE
0,020	0,289	0,000	0,007	0,007	FALSE
0,057	0,298	0,003	0,010	0,110	FALSE
0,078	0,292	0,003	0,012	0,095	FALSE
0,000	0,309	0,000	0,008	0,002	FALSE
-0,055	0,305	-0,003	0,013	0,079	FALSE
-0,123	0,299	-0,006	0,013	0,181	FALSE
0,052	0,291	0,001	0,007	0,066	FALSE
0,019	0,303	0,000	0,008	0,015	FALSE
0,055	0,313	0,002	0,012	0,072	FALSE
0,112	0,310	0,004	0,010	0,150	TRUE
0,138	0,294	0,005	0,010	0,201	FALSE
0,083	0,302	0,003	0,010	0,122	FALSE
0,096	0,295	0,003	0,009	0,142	FALSE
0,164	0,303	0,005	0,010	0,239	FALSE
0,142	0,289	0,005	0,010	0,220	FALSE
0,000	0,294	0,000	0,007	0,020	FALSE
0,041	0,305	0,001	0,007	0,059	FALSE
0,029	0,311	0,002	0,012	0,058	FALSE
0,055	0,315	0,001	0,009	0,047	FALSE
0,042	0,310	0,001	0,013	0,024	FALSE
0,004	0,295	0,001	0,011	0,018	FALSE
0,033	0,302	0,001	0,009	0,040	FALSE
-0,072	0,315	-0,003	0,012	0,096	FALSE
0,060	0,298	0,002	0,012	0,072	FALSE
-0,121	0,316	-0,003	0,008	0,166	FALSE
-0,013	0,305	0,000	0,009	0,001	FALSE
-0,039	0,315	-0,001	0,013	0,022	FALSE
0,049	0,305	0,002	0,012	0,067	FALSE
0,033	0,311	0,001	0,007	0,044	FALSE
0,051	0,312	0,002	0,011	0,067	FALSE
0,049	0,304	0,002	0,011	0,062	FALSE
0,029	0,296	0,001	0,009	0,022	FALSE
0,029	0,312	0,000	0,013	0,003	FALSE
0,035	0,310	0,002	0,010	0,082	FALSE
0,107	0,306	0,005	0,012	0,165	FALSE
0,067	0,306	0,002	0,011	0,081	FALSE
-0,042	0,296	-0,002	0,008	0,078	FALSE
0,017	0,309	0,000	0,006	0,007	FALSE
0,057	0,315	0,002	0,013	0,071	FALSE
-0,021	0,312	-0,001	0,007	0,043	FALSE
-0,086	0,305	-0,003	0,011	0,115	FALSE
-0,052	0,310	-0,001	0,008	0,064	FALSE
0,049	0,307	0,001	0,009	0,056	FALSE
0,052	0,304	0,001	0,009	0,033	FALSE
0,002	0,304	0,000	0,010	0,015	FALSE
0,028	0,309	0,001	0,010	0,022	FALSE
0,118	0,313	0,003	0,009	0,152	FALSE
-0,014	0,300	0,000	0,013	0,004	FALSE

-0,071	0,312	-0,002	0,007	0,078	FALSE
-0,094	0,309	-0,002	0,008	0,101	FALSE
-0,015	0,310	0,000	0,007	0,000	FALSE
-0,049	0,294	-0,001	0,006	0,048	FALSE
-0,045	0,309	-0,001	0,007	0,054	FALSE
0,080	0,293	0,003	0,008	0,117	FALSE
0,050	0,306	0,001	0,011	0,046	FALSE
-0,044	0,296	-0,002	0,012	0,075	FALSE
-0,004	0,314	-0,001	0,008	0,038	FALSE
-0,048	0,313	-0,001	0,007	0,049	FALSE
0,030	0,318	0,001	0,007	0,030	FALSE
0,015	0,306	0,001	0,013	0,035	FALSE
-0,008	0,304	0,000	0,013	0,007	FALSE
0,119	0,306	0,004	0,010	0,186	FALSE
0,109	0,305	0,002	0,008	0,122	FALSE
-0,001	0,291	0,000	0,013	0,002	FALSE
0,074	0,302	0,001	0,007	0,085	FALSE
-0,021	0,298	-0,002	0,012	0,047	FALSE
0,026	0,316	0,000	0,007	0,019	FALSE
0,133	0,307	0,004	0,007	0,212	FALSE
-0,024	0,310	0,000	0,013	0,008	FALSE
-0,082	0,298	-0,002	0,008	0,096	FALSE
-0,052	0,321	-0,001	0,007	0,056	FALSE
-0,102	0,299	-0,002	0,008	0,102	FALSE
0,007	0,311	0,000	0,008	0,018	FALSE
0,061	0,323	0,001	0,008	0,062	FALSE
-0,071	0,305	-0,002	0,007	0,124	FALSE
-0,067	0,305	-0,002	0,007	0,090	FALSE
-0,015	0,298	0,000	0,012	0,010	FALSE
0,032	0,321	0,001	0,008	0,036	FALSE
0,032	0,300	0,001	0,008	0,030	FALSE
0,164	0,304	0,006	0,011	0,246	FALSE
0,079	0,309	0,003	0,009	0,116	FALSE
-0,017	0,306	-0,002	0,011	0,053	FALSE
0,108	0,291	0,003	0,012	0,109	FALSE
-0,143	0,296	-0,004	0,010	0,188	FALSE
0,013	0,311	0,000	0,010	0,014	FALSE
0,083	0,299	0,002	0,007	0,103	FALSE
-0,018	0,310	-0,001	0,012	0,032	FALSE
0,044	0,315	0,001	0,007	0,047	FALSE
-0,032	0,311	-0,001	0,008	0,049	FALSE
-0,049	0,300	-0,001	0,010	0,023	FALSE
-0,119	0,292	-0,005	0,010	0,202	FALSE
-0,036	0,301	-0,001	0,012	0,022	FALSE
0,078	0,311	0,003	0,010	0,116	FALSE
-0,097	0,305	-0,004	0,010	0,152	FALSE
0,022	0,320	0,001	0,010	0,038	FALSE
0,040	0,303	0,002	0,011	0,056	FALSE
-0,055	0,303	-0,002	0,013	0,046	FALSE
-0,063	0,308	-0,001	0,012	0,043	FALSE
0,053	0,296	0,001	0,009	0,059	FALSE
0,071	0,308	0,003	0,012	0,080	FALSE
0,018	0,302	0,000	0,008	0,016	FALSE

-0,051	0,319	-0,002	0,009	0,077	FALSE
0,068	0,312	0,002	0,008	0,085	FALSE
0,105	0,286	0,002	0,006	0,122	FALSE
0,090	0,300	0,003	0,012	0,106	FALSE
-0,028	0,301	-0,001	0,008	0,035	FALSE
-0,054	0,280	-0,001	0,007	0,068	FALSE
0,070	0,309	0,002	0,010	0,092	FALSE
0,033	0,317	0,001	0,011	0,020	FALSE
0,125	0,306	0,004	0,011	0,169	FALSE
0,041	0,312	0,001	0,007	0,037	FALSE
-0,042	0,311	-0,001	0,006	0,037	FALSE
0,086	0,304	0,003	0,011	0,113	FALSE
0,142	0,312	0,005	0,013	0,162	FALSE
0,183	0,299	0,007	0,012	0,244	FALSE
-0,101	0,305	-0,003	0,010	0,118	FALSE
-0,099	0,313	-0,003	0,010	0,110	FALSE
0,199	0,296	0,006	0,009	0,319	FALSE
0,106	0,304	0,004	0,013	0,130	FALSE
0,096	0,290	0,004	0,011	0,139	FALSE
0,017	0,324	0,001	0,012	0,016	FALSE
0,167	0,302	0,006	0,010	0,258	FALSE
-0,047	0,303	-0,002	0,011	0,085	FALSE
0,077	0,319	0,003	0,012	0,112	FALSE
0,025	0,307	0,001	0,007	0,035	FALSE
0,009	0,297	0,000	0,008	0,009	FALSE
0,036	0,296	0,002	0,013	0,067	FALSE
-0,010	0,319	0,000	0,008	0,008	FALSE
-0,048	0,323	-0,001	0,011	0,030	FALSE
0,027	0,307	0,000	0,007	0,022	FALSE
0,050	0,296	0,001	0,006	0,046	FALSE
0,041	0,299	0,001	0,010	0,020	FALSE
0,133	0,301	0,004	0,008	0,206	FALSE
-0,085	0,311	-0,002	0,007	0,128	FALSE
0,160	0,288	0,004	0,007	0,246	FALSE
-0,146	0,328	-0,005	0,010	0,194	FALSE
0,062	0,306	0,001	0,008	0,057	FALSE
0,076	0,316	0,002	0,007	0,084	FALSE
0,067	0,293	0,002	0,010	0,061	FALSE
-0,059	0,295	-0,001	0,007	0,046	FALSE
0,091	0,305	0,002	0,007	0,118	FALSE
0,035	0,308	0,001	0,012	0,030	FALSE
-0,063	0,313	-0,002	0,010	0,090	FALSE
0,093	0,315	0,002	0,007	0,128	FALSE
-0,016	0,316	-0,001	0,011	0,029	FALSE
0,023	0,313	0,000	0,011	0,016	FALSE
0,160	0,302	0,005	0,010	0,224	FALSE
-0,135	0,310	-0,005	0,010	0,204	FALSE
-0,011	0,318	0,000	0,011	0,005	FALSE
0,060	0,302	0,002	0,010	0,070	FALSE
0,058	0,315	0,001	0,010	0,056	FALSE
0,004	0,309	0,000	0,006	0,007	FALSE
-0,039	0,316	-0,001	0,007	0,048	FALSE
0,047	0,307	0,001	0,007	0,053	FALSE

-0,081	0,308	-0,002	0,009	0,097	FALSE
0,003	0,302	0,000	0,006	0,016	FALSE
0,111	0,311	0,005	0,013	0,171	FALSE
0,063	0,303	0,002	0,007	0,097	FALSE
0,125	0,303	0,003	0,007	0,178	FALSE
-0,030	0,297	-0,001	0,008	0,044	FALSE
0,040	0,323	0,002	0,012	0,047	FALSE
-0,041	0,318	-0,001	0,010	0,027	FALSE
0,005	0,315	0,000	0,009	0,008	FALSE
-0,035	0,306	0,000	0,007	0,007	FALSE
-0,013	0,323	-0,001	0,012	0,015	FALSE
0,076	0,320	0,003	0,010	0,118	FALSE
-0,002	0,309	0,000	0,006	0,010	FALSE
0,020	0,311	0,001	0,010	0,053	FALSE
-0,035	0,300	-0,001	0,011	0,035	FALSE
0,009	0,311	0,001	0,012	0,021	FALSE
0,125	0,312	0,003	0,007	0,194	FALSE
0,123	0,304	0,003	0,007	0,184	FALSE
-0,204	0,295	-0,007	0,009	0,309	FALSE
-0,169	0,304	-0,004	0,007	0,262	FALSE
-0,113	0,307	-0,002	0,006	0,133	FALSE
-0,071	0,309	-0,003	0,011	0,108	FALSE
-0,038	0,303	-0,001	0,008	0,052	FALSE
-0,002	0,300	0,000	0,009	0,019	FALSE
-0,109	0,301	-0,005	0,012	0,166	FALSE
-0,113	0,297	-0,004	0,010	0,158	FALSE
0,186	0,301	0,006	0,009	0,286	FALSE
0,141	0,308	0,006	0,013	0,191	FALSE
0,143	0,302	0,005	0,011	0,177	FALSE
0,002	0,307	0,000	0,010	0,001	FALSE
0,040	0,297	0,002	0,009	0,072	FALSE
0,081	0,310	0,002	0,009	0,098	FALSE
-0,068	0,302	-0,002	0,010	0,065	FALSE
-0,004	0,303	0,000	0,010	0,008	FALSE
-0,034	0,304	-0,002	0,012	0,072	FALSE
-0,133	0,297	-0,004	0,009	0,175	FALSE
0,029	0,314	0,001	0,013	0,032	FALSE
-0,110	0,305	-0,003	0,008	0,143	FALSE
0,031	0,296	0,001	0,009	0,052	FALSE
-0,031	0,313	0,000	0,008	0,017	FALSE
-0,060	0,298	-0,003	0,011	0,117	FALSE
0,034	0,301	0,001	0,010	0,046	FALSE
0,046	0,304	0,002	0,010	0,062	FALSE
0,068	0,304	0,003	0,011	0,113	FALSE
0,026	0,294	0,001	0,007	0,077	FALSE
0,023	0,302	0,001	0,010	0,034	FALSE
0,028	0,301	0,001	0,007	0,073	FALSE
-0,100	0,312	-0,003	0,012	0,113	FALSE
0,070	0,313	0,002	0,007	0,090	FALSE
0,169	0,311	0,006	0,010	0,249	FALSE
0,000	0,309	0,000	0,007	0,009	FALSE
0,031	0,317	0,001	0,008	0,033	FALSE
0,076	0,304	0,002	0,008	0,109	FALSE

0,041	0,301	0,001	0,011	0,039	FALSE
0,056	0,300	0,002	0,012	0,051	FALSE
0,059	0,317	0,002	0,012	0,072	FALSE
0,044	0,306	0,001	0,011	0,038	FALSE
-0,018	0,310	-0,002	0,013	0,046	FALSE
-0,039	0,301	-0,002	0,011	0,061	FALSE
-0,048	0,301	-0,002	0,011	0,064	FALSE
0,091	0,313	0,004	0,012	0,122	FALSE
0,010	0,314	0,000	0,013	0,013	FALSE
0,020	0,306	0,000	0,012	0,002	FALSE
0,059	0,307	0,001	0,007	0,075	FALSE
0,108	0,309	0,002	0,007	0,147	FALSE
-0,036	0,316	-0,001	0,009	0,045	FALSE
-0,064	0,311	-0,003	0,013	0,079	FALSE
-0,091	0,304	-0,003	0,011	0,095	FALSE
-0,047	0,304	-0,002	0,012	0,051	FALSE
-0,054	0,295	-0,003	0,011	0,123	FALSE
0,032	0,305	0,001	0,012	0,032	FALSE
0,009	0,302	0,001	0,007	0,039	FALSE
0,013	0,306	0,001	0,009	0,026	FALSE
-0,001	0,303	0,001	0,010	0,020	FALSE
-0,065	0,296	-0,002	0,012	0,076	FALSE
0,035	0,318	0,001	0,006	0,038	FALSE
0,025	0,304	0,001	0,007	0,035	FALSE
0,064	0,319	0,002	0,013	0,047	FALSE
-0,083	0,317	-0,002	0,009	0,100	FALSE
0,030	0,319	0,002	0,011	0,054	FALSE
-0,028	0,305	-0,001	0,009	0,023	FALSE
0,017	0,306	0,001	0,009	0,052	FALSE
-0,054	0,324	-0,001	0,007	0,053	FALSE
-0,058	0,307	-0,003	0,013	0,094	FALSE
0,069	0,302	0,002	0,009	0,105	FALSE
0,049	0,296	0,002	0,009	0,084	FALSE
-0,122	0,300	-0,005	0,011	0,190	FALSE
-0,028	0,310	0,000	0,007	0,000	FALSE
-0,049	0,307	-0,002	0,012	0,048	FALSE
0,061	0,316	0,001	0,009	0,053	FALSE
0,073	0,308	0,002	0,008	0,124	FALSE
0,022	0,295	0,001	0,006	0,031	FALSE
-0,058	0,296	-0,002	0,011	0,059	FALSE
-0,018	0,322	-0,001	0,012	0,030	FALSE
-0,043	0,302	-0,001	0,012	0,043	FALSE
0,120	0,305	0,003	0,009	0,137	FALSE
0,089	0,305	0,003	0,011	0,125	FALSE
0,154	0,304	0,004	0,008	0,228	FALSE
-0,180	0,296	-0,006	0,011	0,250	FALSE
-0,149	0,304	-0,004	0,008	0,200	FALSE
-0,008	0,306	0,000	0,012	0,011	FALSE
0,056	0,309	0,001	0,009	0,061	FALSE
-0,064	0,310	-0,002	0,010	0,074	FALSE
-0,060	0,309	-0,001	0,009	0,056	FALSE
-0,026	0,311	-0,001	0,010	0,018	FALSE
0,090	0,300	0,003	0,012	0,113	FALSE

0,103	0,299	0,003	0,009	0,116	FALSE
-0,012	0,295	0,000	0,010	0,003	FALSE
-0,007	0,312	0,000	0,013	0,003	FALSE
0,027	0,296	0,001	0,009	0,036	FALSE
0,027	0,314	0,002	0,013	0,051	FALSE
0,032	0,315	0,001	0,007	0,044	FALSE
0,006	0,329	0,001	0,013	0,018	FALSE
-0,022	0,303	0,000	0,012	0,014	FALSE
-0,008	0,295	0,000	0,009	0,003	FALSE
-0,030	0,309	-0,001	0,010	0,046	FALSE
-0,040	0,318	-0,002	0,009	0,065	FALSE
0,014	0,300	0,001	0,008	0,031	FALSE
-0,047	0,310	-0,002	0,012	0,052	FALSE
0,074	0,312	0,001	0,007	0,073	FALSE
0,115	0,303	0,003	0,011	0,119	FALSE
-0,109	0,300	-0,003	0,006	0,179	FALSE
0,037	0,296	0,001	0,012	0,030	FALSE
-0,105	0,292	-0,003	0,007	0,175	FALSE
0,118	0,312	0,003	0,008	0,165	FALSE
0,052	0,297	0,002	0,013	0,067	FALSE
0,082	0,293	0,003	0,012	0,095	FALSE
0,199	0,288	0,008	0,012	0,316	FALSE
0,097	0,298	0,003	0,010	0,104	FALSE
-0,012	0,303	-0,001	0,012	0,027	FALSE
0,021	0,310	0,000	0,012	0,014	FALSE
-0,083	0,303	-0,002	0,006	0,093	FALSE
0,011	0,318	0,000	0,012	0,004	FALSE
-0,037	0,313	-0,001	0,013	0,023	FALSE
-0,027	0,295	-0,001	0,008	0,040	FALSE
0,132	0,293	0,004	0,009	0,166	FALSE
0,057	0,313	0,002	0,010	0,082	FALSE
0,018	0,322	0,001	0,010	0,018	FALSE
0,014	0,313	0,001	0,011	0,021	FALSE
0,088	0,319	0,005	0,013	0,146	FALSE
0,027	0,313	0,001	0,010	0,031	FALSE
0,015	0,317	0,001	0,006	0,028	FALSE
0,015	0,312	0,000	0,012	0,005	FALSE
-0,077	0,310	-0,004	0,011	0,133	FALSE
-0,022	0,300	-0,001	0,010	0,046	FALSE
0,024	0,306	0,000	0,007	0,025	FALSE
-0,005	0,319	0,000	0,007	0,007	FALSE
0,108	0,296	0,004	0,011	0,148	FALSE
-0,181	0,283	-0,005	0,007	0,290	FALSE
-0,012	0,308	0,000	0,007	0,006	FALSE
0,089	0,300	0,002	0,008	0,111	FALSE
0,089	0,301	0,002	0,007	0,109	FALSE
0,019	0,307	0,001	0,007	0,051	FALSE
0,058	0,307	0,002	0,007	0,104	FALSE
0,027	0,304	0,000	0,006	0,019	FALSE
0,029	0,305	0,000	0,011	0,011	FALSE
-0,009	0,299	-0,001	0,011	0,023	FALSE
-0,021	0,307	-0,001	0,007	0,028	FALSE
0,064	0,304	0,002	0,011	0,080	FALSE

0,117	0,308	0,003	0,008	0,160	FALSE
0,094	0,309	0,003	0,008	0,123	FALSE
-0,016	0,291	0,000	0,009	0,008	FALSE
0,042	0,314	0,002	0,010	0,064	FALSE
-0,118	0,297	-0,003	0,008	0,131	FALSE
0,070	0,294	0,003	0,009	0,112	FALSE
0,023	0,311	0,001	0,013	0,026	FALSE
0,042	0,314	0,001	0,011	0,048	FALSE
-0,023	0,318	-0,001	0,009	0,029	FALSE
-0,108	0,293	-0,003	0,006	0,162	FALSE
-0,115	0,292	-0,005	0,012	0,182	FALSE
-0,045	0,308	-0,002	0,012	0,054	FALSE
0,158	0,300	0,006	0,011	0,246	FALSE
0,155	0,290	0,006	0,011	0,248	FALSE
0,137	0,295	0,006	0,011	0,206	FALSE
0,105	0,304	0,004	0,009	0,155	FALSE
-0,032	0,318	-0,001	0,013	0,041	FALSE
0,174	0,295	0,006	0,008	0,298	FALSE
0,050	0,299	0,002	0,010	0,090	FALSE
0,030	0,294	0,001	0,011	0,018	FALSE
-0,086	0,314	-0,002	0,008	0,122	FALSE
0,056	0,302	0,002	0,006	0,098	FALSE
-0,082	0,309	-0,003	0,009	0,112	FALSE
0,002	0,323	0,000	0,011	0,010	FALSE
-0,118	0,294	-0,005	0,012	0,160	FALSE
-0,063	0,301	-0,003	0,012	0,080	FALSE
-0,019	0,300	0,000	0,007	0,001	FALSE
0,137	0,301	0,003	0,009	0,166	FALSE
-0,028	0,302	-0,001	0,009	0,040	FALSE
-0,012	0,307	0,000	0,007	0,008	FALSE
0,077	0,295	0,002	0,009	0,107	FALSE
0,098	0,289	0,003	0,009	0,154	FALSE
-0,106	0,304	-0,002	0,008	0,107	FALSE
-0,022	0,297	-0,001	0,012	0,035	FALSE
0,057	0,313	0,001	0,007	0,071	FALSE
-0,054	0,306	-0,002	0,009	0,067	FALSE
0,016	0,297	0,001	0,010	0,022	FALSE
0,126	0,303	0,003	0,006	0,179	FALSE
-0,003	0,296	0,000	0,010	0,002	FALSE
0,043	0,289	0,002	0,009	0,072	FALSE
0,064	0,299	0,002	0,013	0,072	FALSE
0,066	0,304	0,002	0,013	0,067	FALSE
0,097	0,304	0,004	0,013	0,131	FALSE
0,065	0,314	0,002	0,012	0,058	FALSE
0,043	0,317	0,001	0,012	0,039	FALSE
0,066	0,324	0,002	0,012	0,070	FALSE
-0,078	0,310	-0,004	0,013	0,125	FALSE
0,025	0,309	0,001	0,007	0,065	FALSE
-0,050	0,315	-0,001	0,009	0,059	FALSE
-0,089	0,293	-0,002	0,008	0,110	FALSE
-0,089	0,301	-0,002	0,009	0,096	FALSE
-0,054	0,293	-0,002	0,011	0,059	FALSE
-0,016	0,293	0,000	0,008	0,019	FALSE

0,009	0,302	0,000	0,008	0,014	FALSE
0,079	0,309	0,003	0,013	0,092	FALSE
0,070	0,310	0,003	0,012	0,081	FALSE
-0,078	0,300	-0,002	0,007	0,111	FALSE
0,161	0,306	0,006	0,013	0,208	FALSE
0,082	0,308	0,002	0,007	0,096	FALSE
-0,095	0,315	-0,002	0,007	0,129	FALSE
0,045	0,325	0,002	0,013	0,070	FALSE
0,030	0,309	0,001	0,011	0,049	FALSE
0,041	0,312	0,001	0,012	0,033	FALSE
-0,006	0,307	0,000	0,006	0,021	FALSE
-0,046	0,311	-0,001	0,011	0,047	FALSE
-0,065	0,307	-0,002	0,012	0,066	FALSE
0,016	0,299	0,000	0,007	0,017	FALSE
0,003	0,318	0,001	0,013	0,017	FALSE
0,004	0,317	0,000	0,013	0,005	FALSE
0,041	0,298	0,001	0,012	0,042	FALSE
0,047	0,308	0,002	0,012	0,062	FALSE
0,121	0,304	0,004	0,013	0,127	FALSE
0,120	0,310	0,004	0,013	0,130	FALSE
-0,061	0,310	-0,001	0,007	0,042	FALSE
0,009	0,292	0,000	0,007	0,009	FALSE
-0,027	0,286	-0,001	0,011	0,036	FALSE
0,000	0,298	0,000	0,012	0,007	FALSE
-0,051	0,315	-0,002	0,012	0,060	FALSE
-0,079	0,298	-0,003	0,011	0,112	FALSE
0,011	0,298	0,000	0,011	0,005	FALSE
-0,013	0,320	0,000	0,012	0,011	FALSE
-0,030	0,301	-0,002	0,013	0,052	FALSE
0,095	0,295	0,003	0,008	0,156	FALSE
0,093	0,311	0,003	0,013	0,105	FALSE
-0,038	0,309	-0,002	0,012	0,062	FALSE
0,072	0,304	0,002	0,008	0,077	FALSE
0,008	0,310	0,001	0,011	0,017	FALSE
-0,006	0,317	0,000	0,011	0,008	FALSE
0,012	0,293	0,000	0,009	0,003	FALSE
-0,123	0,297	-0,005	0,011	0,202	FALSE
0,092	0,307	0,003	0,009	0,107	FALSE
-0,022	0,317	0,000	0,010	0,012	FALSE
0,024	0,305	0,001	0,010	0,019	FALSE
-0,040	0,318	0,000	0,007	0,016	FALSE
-0,125	0,318	-0,005	0,013	0,148	FALSE
-0,090	0,298	-0,004	0,012	0,115	FALSE
0,023	0,318	0,001	0,008	0,030	FALSE
0,042	0,309	0,001	0,012	0,037	FALSE
0,091	0,326	0,003	0,010	0,107	FALSE
-0,194	0,306	-0,008	0,012	0,283	FALSE
0,048	0,302	0,001	0,008	0,069	FALSE
0,023	0,313	0,001	0,009	0,044	FALSE
-0,145	0,292	-0,005	0,009	0,247	FALSE
-0,064	0,319	-0,002	0,012	0,057	FALSE
-0,104	0,301	-0,002	0,007	0,138	FALSE
-0,066	0,282	-0,002	0,008	0,092	FALSE

-0,079	0,310	-0,002	0,008	0,097	FALSE
0,061	0,297	0,002	0,010	0,075	FALSE
-0,036	0,306	-0,001	0,009	0,043	FALSE
0,053	0,288	0,002	0,009	0,090	FALSE
0,009	0,303	0,000	0,008	0,021	FALSE
-0,048	0,300	-0,001	0,007	0,071	FALSE
0,018	0,294	0,001	0,011	0,035	FALSE
0,048	0,313	0,002	0,013	0,055	FALSE
-0,024	0,310	0,000	0,008	0,017	FALSE
0,052	0,322	0,001	0,008	0,068	FALSE
0,178	0,306	0,005	0,008	0,251	FALSE
0,032	0,304	0,001	0,007	0,064	FALSE
-0,110	0,296	-0,003	0,009	0,154	FALSE
-0,005	0,316	0,000	0,009	0,008	FALSE
0,147	0,307	0,006	0,011	0,232	FALSE
0,040	0,300	0,001	0,010	0,039	FALSE
0,022	0,297	0,000	0,009	0,016	FALSE
-0,039	0,312	-0,002	0,012	0,056	FALSE
-0,097	0,303	-0,005	0,012	0,181	FALSE
-0,112	0,323	-0,006	0,013	0,172	FALSE
-0,100	0,308	-0,005	0,013	0,158	FALSE
-0,075	0,314	-0,004	0,013	0,126	FALSE
0,137	0,305	0,003	0,007	0,187	FALSE
0,141	0,300	0,003	0,007	0,186	FALSE
-0,067	0,282	-0,002	0,012	0,062	FALSE
0,002	0,312	0,000	0,007	0,014	FALSE
0,096	0,308	0,004	0,011	0,128	FALSE
-0,053	0,291	-0,001	0,009	0,028	FALSE
-0,143	0,310	-0,003	0,007	0,188	FALSE
-0,035	0,321	-0,001	0,008	0,033	FALSE
0,129	0,301	0,004	0,008	0,188	FALSE
0,055	0,301	0,002	0,010	0,098	FALSE
-0,075	0,297	-0,001	0,006	0,083	FALSE
-0,002	0,313	0,000	0,011	0,004	FALSE
-0,092	0,318	-0,003	0,008	0,126	FALSE
0,103	0,308	0,003	0,009	0,116	FALSE
0,135	0,292	0,004	0,008	0,171	FALSE
0,001	0,316	0,000	0,008	0,001	FALSE
0,040	0,317	0,001	0,007	0,053	FALSE
0,001	0,318	0,001	0,010	0,025	FALSE
0,060	0,305	0,002	0,008	0,092	FALSE
-0,005	0,311	0,000	0,007	0,011	FALSE
-0,153	0,309	-0,006	0,011	0,237	FALSE
0,060	0,305	0,001	0,007	0,067	FALSE
-0,037	0,304	-0,001	0,009	0,037	FALSE
-0,005	0,290	0,000	0,007	0,011	FALSE
-0,009	0,297	0,000	0,011	0,009	FALSE
0,150	0,301	0,004	0,007	0,257	FALSE
-0,121	0,299	-0,006	0,012	0,204	FALSE
0,059	0,324	0,002	0,009	0,085	FALSE
0,014	0,312	0,000	0,013	0,011	FALSE
-0,056	0,310	-0,003	0,013	0,094	FALSE
-0,141	0,308	-0,004	0,009	0,167	FALSE

-0,071	0,302	-0,004	0,011	0,122	FALSE
0,045	0,306	0,001	0,007	0,056	FALSE
-0,018	0,301	0,000	0,010	0,017	FALSE
-0,023	0,299	-0,001	0,011	0,039	FALSE
0,068	0,302	0,003	0,012	0,080	FALSE
-0,134	0,290	-0,006	0,012	0,205	FALSE
0,079	0,305	0,003	0,011	0,108	FALSE
0,066	0,292	0,002	0,008	0,083	FALSE
0,017	0,307	0,001	0,010	0,041	FALSE
-0,037	0,301	-0,002	0,009	0,067	FALSE
0,001	0,314	0,001	0,011	0,020	FALSE
0,047	0,299	0,002	0,009	0,071	FALSE
-0,031	0,317	-0,001	0,007	0,062	FALSE
0,010	0,314	0,001	0,008	0,026	FALSE
-0,035	0,301	-0,001	0,007	0,074	FALSE
0,167	0,295	0,004	0,007	0,266	FALSE
0,222	0,289	0,009	0,013	0,332	FALSE
-0,082	0,297	-0,002	0,007	0,088	FALSE
-0,071	0,321	-0,001	0,006	0,079	FALSE
0,079	0,300	0,003	0,010	0,115	FALSE
0,066	0,299	0,001	0,010	0,049	FALSE
-0,259	0,289	-0,011	0,012	0,404	FALSE
0,183	0,303	0,007	0,013	0,237	FALSE
-0,003	0,303	0,000	0,008	0,001	FALSE
0,081	0,289	0,002	0,008	0,095	FALSE
-0,079	0,303	-0,001	0,007	0,084	FALSE
0,184	0,316	0,004	0,007	0,228	FALSE
-0,165	0,314	-0,004	0,007	0,235	FALSE
0,020	0,324	0,001	0,008	0,033	FALSE
0,003	0,305	0,001	0,013	0,023	FALSE
0,026	0,299	0,000	0,006	0,015	FALSE
0,080	0,303	0,003	0,008	0,126	FALSE
-0,076	0,309	-0,002	0,010	0,093	FALSE
-0,012	0,313	-0,001	0,012	0,029	FALSE
0,104	0,304	0,002	0,008	0,127	FALSE
0,004	0,306	0,000	0,009	0,015	FALSE
-0,089	0,297	-0,002	0,008	0,130	FALSE
-0,022	0,320	-0,001	0,013	0,036	FALSE
0,058	0,318	0,001	0,007	0,075	FALSE
-0,025	0,295	0,000	0,008	0,011	FALSE
0,039	0,306	0,001	0,012	0,040	FALSE
0,067	0,296	0,003	0,012	0,084	FALSE
-0,121	0,301	-0,003	0,007	0,170	FALSE
-0,116	0,296	-0,002	0,007	0,140	FALSE
-0,088	0,296	-0,003	0,009	0,112	FALSE
-0,204	0,302	-0,006	0,010	0,280	FALSE
0,035	0,303	0,001	0,007	0,051	FALSE
0,161	0,289	0,006	0,012	0,224	FALSE
0,007	0,309	0,000	0,008	0,010	FALSE
0,093	0,318	0,004	0,013	0,119	FALSE
0,108	0,314	0,005	0,012	0,159	FALSE
0,058	0,324	0,002	0,013	0,073	FALSE
-0,050	0,295	-0,002	0,012	0,065	FALSE

-0,017	0,313	0,000	0,007	0,017	FALSE
-0,076	0,308	-0,002	0,007	0,091	FALSE
-0,102	0,300	-0,003	0,007	0,151	FALSE
-0,081	0,315	-0,003	0,010	0,112	FALSE
0,000	0,313	0,000	0,007	0,009	FALSE
-0,021	0,305	-0,001	0,007	0,038	FALSE
-0,040	0,318	-0,001	0,011	0,035	FALSE
0,101	0,304	0,004	0,011	0,153	FALSE
-0,043	0,323	-0,001	0,007	0,044	FALSE
0,087	0,305	0,004	0,013	0,135	FALSE
0,099	0,293	0,004	0,012	0,148	FALSE
-0,026	0,309	-0,001	0,007	0,051	FALSE
-0,102	0,301	-0,003	0,007	0,136	FALSE
0,017	0,304	0,001	0,009	0,039	FALSE
-0,038	0,314	-0,001	0,008	0,051	FALSE
-0,039	0,308	-0,002	0,011	0,062	FALSE
-0,069	0,290	-0,004	0,012	0,117	FALSE
0,086	0,298	0,005	0,013	0,145	FALSE
0,107	0,287	0,005	0,012	0,182	FALSE
-0,069	0,296	-0,003	0,011	0,100	FALSE
0,093	0,313	0,004	0,013	0,122	FALSE
-0,002	0,308	0,000	0,009	0,011	FALSE
0,110	0,288	0,003	0,007	0,143	FALSE
0,097	0,302	0,002	0,007	0,116	FALSE
-0,003	0,308	0,000	0,011	0,010	FALSE
-0,126	0,284	-0,004	0,008	0,216	FALSE
-0,087	0,301	-0,003	0,012	0,104	FALSE
-0,038	0,310	-0,001	0,007	0,044	FALSE
-0,063	0,300	-0,002	0,012	0,066	FALSE
-0,110	0,318	-0,004	0,012	0,140	FALSE
0,131	0,317	0,005	0,011	0,184	FALSE
0,032	0,310	0,001	0,009	0,054	FALSE
0,041	0,300	0,002	0,009	0,075	FALSE
-0,054	0,293	-0,001	0,008	0,053	FALSE
0,104	0,305	0,003	0,009	0,140	FALSE
0,038	0,305	0,001	0,011	0,045	FALSE
0,039	0,296	0,002	0,012	0,059	FALSE
-0,061	0,300	-0,003	0,011	0,108	FALSE
-0,036	0,300	-0,001	0,010	0,053	FALSE
-0,013	0,309	-0,001	0,012	0,032	FALSE
-0,121	0,317	-0,003	0,009	0,140	FALSE
-0,004	0,312	-0,001	0,012	0,015	FALSE
-0,151	0,313	-0,004	0,009	0,190	FALSE
0,027	0,321	0,001	0,008	0,025	FALSE
-0,060	0,304	-0,003	0,011	0,121	FALSE
0,058	0,303	0,003	0,012	0,095	FALSE
-0,051	0,314	-0,003	0,012	0,085	FALSE
-0,195	0,295	-0,006	0,008	0,305	FALSE
0,006	0,311	0,000	0,010	0,004	FALSE
0,104	0,310	0,003	0,008	0,152	FALSE
-0,049	0,298	-0,001	0,009	0,052	FALSE
-0,020	0,304	0,000	0,012	0,001	FALSE
0,057	0,311	0,003	0,013	0,096	FALSE

-0,017	0,293	0,000	0,006	0,007	FALSE
0,010	0,291	0,000	0,007	0,003	FALSE
-0,240	0,287	-0,010	0,013	0,349	FALSE
-0,008	0,308	0,000	0,011	0,009	FALSE
0,023	0,288	0,001	0,010	0,048	FALSE
0,002	0,310	0,000	0,007	0,019	FALSE
0,077	0,297	0,002	0,007	0,079	FALSE
0,101	0,307	0,002	0,008	0,107	FALSE
0,073	0,310	0,003	0,010	0,101	FALSE
-0,042	0,306	0,000	0,007	0,025	FALSE
-0,031	0,303	0,000	0,010	0,002	FALSE
0,024	0,303	0,000	0,007	0,019	FALSE
0,115	0,287	0,003	0,007	0,169	FALSE
-0,016	0,296	-0,001	0,007	0,029	FALSE
-0,049	0,301	-0,001	0,010	0,056	FALSE
-0,020	0,313	-0,001	0,010	0,030	FALSE
0,035	0,305	0,001	0,010	0,051	FALSE
0,042	0,303	0,001	0,009	0,045	FALSE
-0,023	0,311	-0,001	0,009	0,036	FALSE
0,014	0,297	0,000	0,011	0,012	FALSE
-0,011	0,306	0,000	0,008	0,021	FALSE
-0,064	0,306	-0,002	0,012	0,073	FALSE
-0,024	0,317	-0,001	0,007	0,038	FALSE
0,053	0,316	0,001	0,008	0,061	FALSE
0,043	0,312	0,002	0,011	0,081	FALSE
0,138	0,318	0,004	0,008	0,217	FALSE
-0,034	0,314	-0,001	0,008	0,059	FALSE
0,041	0,298	0,002	0,012	0,067	FALSE
-0,135	0,306	-0,005	0,013	0,161	FALSE
-0,140	0,307	-0,004	0,008	0,204	FALSE
-0,129	0,315	-0,003	0,010	0,139	FALSE
-0,085	0,322	-0,002	0,007	0,111	FALSE
0,056	0,308	0,002	0,011	0,056	FALSE
-0,036	0,314	-0,002	0,013	0,047	FALSE
0,048	0,298	0,001	0,008	0,066	FALSE
0,045	0,300	0,001	0,008	0,070	FALSE
-0,128	0,298	-0,005	0,012	0,167	FALSE
-0,078	0,309	-0,002	0,007	0,089	FALSE
-0,015	0,320	0,000	0,010	0,003	FALSE
-0,078	0,302	-0,002	0,007	0,134	FALSE
-0,037	0,294	-0,001	0,007	0,038	FALSE
-0,169	0,281	-0,006	0,009	0,295	FALSE
0,073	0,302	0,002	0,006	0,101	FALSE
-0,089	0,299	-0,003	0,010	0,093	FALSE
0,004	0,308	0,001	0,012	0,022	FALSE
-0,061	0,312	-0,003	0,012	0,091	FALSE
-0,033	0,288	-0,001	0,009	0,022	FALSE
0,043	0,293	0,003	0,012	0,086	FALSE
0,051	0,305	0,002	0,008	0,088	FALSE
0,059	0,310	0,002	0,008	0,082	FALSE
0,081	0,311	0,002	0,009	0,098	FALSE
0,043	0,322	0,001	0,011	0,044	FALSE
0,084	0,317	0,003	0,009	0,125	FALSE

0,105	0,303	0,003	0,007	0,154	FALSE
-0,057	0,312	-0,001	0,007	0,077	FALSE
0,070	0,309	0,002	0,008	0,087	FALSE
0,113	0,292	0,004	0,008	0,200	FALSE
0,152	0,304	0,007	0,012	0,238	FALSE
0,047	0,304	0,001	0,007	0,043	FALSE
-0,002	0,316	0,000	0,012	0,009	FALSE
0,057	0,324	0,002	0,011	0,077	FALSE
0,082	0,316	0,003	0,010	0,118	FALSE
-0,016	0,312	0,000	0,007	0,021	FALSE
0,144	0,321	0,004	0,008	0,199	FALSE
-0,141	0,290	-0,005	0,010	0,207	FALSE
-0,125	0,306	-0,005	0,011	0,171	FALSE
0,034	0,294	0,002	0,012	0,055	FALSE
0,034	0,320	0,001	0,010	0,048	FALSE
0,110	0,312	0,003	0,008	0,170	FALSE
-0,063	0,301	-0,002	0,009	0,073	FALSE
-0,015	0,300	0,000	0,007	0,006	FALSE
-0,063	0,317	-0,003	0,012	0,086	FALSE
0,087	0,298	0,002	0,006	0,091	FALSE
-0,229	0,303	-0,006	0,008	0,342	FALSE
0,123	0,299	0,003	0,009	0,132	FALSE
-0,075	0,304	-0,004	0,011	0,120	FALSE
0,105	0,295	0,004	0,012	0,132	FALSE
0,014	0,307	0,001	0,010	0,018	FALSE
0,116	0,302	0,003	0,006	0,165	FALSE
-0,130	0,289	-0,004	0,010	0,173	FALSE
-0,040	0,304	-0,001	0,008	0,052	FALSE
0,115	0,301	0,003	0,008	0,147	FALSE
0,010	0,315	0,000	0,012	0,013	FALSE
-0,018	0,305	0,000	0,006	0,014	FALSE
0,077	0,295	0,002	0,006	0,110	FALSE
-0,146	0,312	-0,005	0,012	0,190	FALSE
0,198	0,300	0,008	0,011	0,312	FALSE
0,015	0,303	0,000	0,006	0,012	FALSE
-0,043	0,314	-0,001	0,009	0,050	FALSE
-0,038	0,301	-0,001	0,008	0,039	FALSE
-0,050	0,309	-0,001	0,007	0,048	FALSE
-0,044	0,317	-0,001	0,007	0,047	FALSE
0,059	0,304	0,001	0,011	0,050	FALSE
-0,009	0,307	0,000	0,011	0,014	FALSE
0,006	0,297	0,000	0,007	0,006	FALSE
-0,051	0,304	-0,002	0,010	0,064	FALSE
0,027	0,320	0,001	0,009	0,033	FALSE
-0,009	0,315	0,000	0,007	0,013	FALSE
0,078	0,298	0,002	0,010	0,073	FALSE
0,117	0,301	0,003	0,006	0,170	FALSE
-0,060	0,310	-0,003	0,013	0,073	FALSE
-0,009	0,305	0,000	0,013	0,011	FALSE
0,061	0,308	0,003	0,013	0,106	FALSE
-0,026	0,297	-0,001	0,008	0,055	FALSE
0,070	0,307	0,001	0,006	0,082	FALSE
-0,099	0,302	-0,003	0,009	0,140	FALSE

-0,104	0,284	-0,003	0,008	0,154	FALSE
-0,050	0,304	-0,003	0,012	0,076	FALSE
-0,003	0,311	0,000	0,007	0,007	FALSE
-0,002	0,301	0,000	0,007	0,020	FALSE
-0,034	0,311	-0,001	0,007	0,046	FALSE
0,074	0,294	0,002	0,006	0,109	FALSE
-0,049	0,306	-0,002	0,009	0,084	FALSE
-0,015	0,323	0,000	0,007	0,020	FALSE
-0,087	0,308	-0,003	0,008	0,128	FALSE
-0,074	0,315	-0,002	0,008	0,088	FALSE
-0,023	0,309	-0,001	0,011	0,020	FALSE
0,076	0,285	0,002	0,007	0,131	FALSE
-0,069	0,323	-0,001	0,006	0,072	FALSE
-0,021	0,309	-0,001	0,007	0,030	FALSE
0,019	0,306	0,001	0,007	0,036	FALSE
0,084	0,312	0,003	0,009	0,118	FALSE
-0,054	0,309	-0,001	0,008	0,056	FALSE
0,076	0,308	0,002	0,011	0,079	FALSE
-0,043	0,287	-0,002	0,010	0,063	FALSE
-0,017	0,291	0,000	0,011	0,015	FALSE
-0,033	0,315	-0,001	0,008	0,029	FALSE
0,042	0,294	0,002	0,012	0,051	FALSE
0,004	0,303	0,000	0,009	0,002	FALSE
-0,206	0,306	-0,008	0,011	0,328	FALSE
0,137	0,305	0,003	0,007	0,159	FALSE
-0,082	0,309	-0,002	0,008	0,089	FALSE
0,022	0,298	0,001	0,013	0,031	FALSE
-0,109	0,298	-0,003	0,009	0,145	FALSE
-0,145	0,304	-0,006	0,011	0,229	FALSE
-0,125	0,302	-0,005	0,011	0,203	FALSE
0,004	0,318	0,000	0,009	0,001	FALSE
-0,129	0,307	-0,003	0,007	0,166	FALSE
0,014	0,305	0,001	0,011	0,048	FALSE
0,001	0,315	0,001	0,011	0,028	FALSE
0,020	0,310	0,001	0,012	0,047	FALSE
0,021	0,311	0,001	0,012	0,021	FALSE
-0,022	0,299	0,000	0,007	0,018	FALSE
-0,024	0,308	-0,001	0,011	0,044	FALSE
0,068	0,294	0,002	0,008	0,076	FALSE
-0,040	0,292	-0,002	0,012	0,066	FALSE
-0,053	0,304	-0,001	0,007	0,077	FALSE
0,036	0,303	0,001	0,007	0,045	FALSE
-0,114	0,296	-0,003	0,007	0,164	FALSE
-0,037	0,293	-0,001	0,012	0,025	FALSE
0,013	0,307	-0,001	0,009	0,019	FALSE
0,013	0,311	0,000	0,009	0,009	FALSE
-0,169	0,301	-0,008	0,012	0,283	FALSE
-0,004	0,284	0,001	0,011	0,019	FALSE
0,009	0,293	0,001	0,011	0,036	FALSE
-0,010	0,300	-0,001	0,013	0,041	FALSE
-0,003	0,307	0,000	0,010	0,014	FALSE
0,080	0,302	0,002	0,007	0,107	FALSE
-0,028	0,294	-0,001	0,007	0,026	FALSE

-0,117	0,300	-0,003	0,009	0,149	FALSE
-0,107	0,309	-0,003	0,007	0,163	FALSE
0,078	0,303	0,003	0,012	0,096	FALSE
0,063	0,302	0,002	0,013	0,073	FALSE
0,111	0,295	0,004	0,011	0,137	FALSE
-0,045	0,313	-0,002	0,013	0,055	FALSE
-0,116	0,302	-0,003	0,007	0,154	FALSE
-0,019	0,298	-0,001	0,009	0,046	FALSE
-0,036	0,308	-0,001	0,007	0,065	FALSE
-0,038	0,304	-0,001	0,008	0,067	FALSE
-0,048	0,303	-0,001	0,008	0,071	FALSE
0,051	0,310	0,001	0,007	0,065	FALSE
-0,031	0,303	0,000	0,008	0,013	FALSE
-0,123	0,321	-0,003	0,007	0,178	FALSE
0,043	0,309	0,000	0,006	0,025	FALSE
-0,080	0,308	-0,002	0,008	0,093	FALSE
-0,062	0,324	-0,002	0,011	0,061	FALSE
0,060	0,313	0,001	0,006	0,087	FALSE
0,038	0,298	0,001	0,011	0,044	FALSE
-0,050	0,307	-0,002	0,011	0,051	FALSE
-0,013	0,309	0,000	0,010	0,003	FALSE
-0,074	0,320	-0,002	0,009	0,097	FALSE
0,051	0,310	0,001	0,007	0,057	FALSE
-0,101	0,300	-0,003	0,011	0,119	FALSE
0,019	0,304	0,001	0,009	0,031	FALSE
-0,034	0,304	-0,001	0,007	0,064	FALSE
-0,035	0,308	-0,001	0,007	0,058	FALSE
-0,030	0,305	-0,001	0,007	0,050	FALSE
-0,058	0,300	-0,002	0,008	0,103	FALSE
-0,089	0,305	-0,002	0,009	0,108	FALSE
-0,195	0,301	-0,004	0,006	0,299	FALSE
0,008	0,296	0,001	0,010	0,025	FALSE
0,045	0,314	0,002	0,009	0,093	FALSE
0,104	0,305	0,002	0,006	0,123	FALSE
-0,070	0,311	-0,002	0,010	0,092	FALSE
0,064	0,326	0,001	0,008	0,058	FALSE
0,160	0,305	0,004	0,007	0,253	FALSE
0,022	0,310	0,000	0,007	0,013	FALSE
0,015	0,303	0,001	0,011	0,041	FALSE
-0,023	0,312	-0,001	0,013	0,031	FALSE
0,083	0,298	0,003	0,012	0,106	FALSE
0,086	0,295	0,004	0,012	0,119	FALSE
-0,031	0,321	-0,001	0,012	0,028	FALSE
-0,062	0,318	-0,001	0,007	0,067	FALSE
-0,037	0,308	-0,001	0,011	0,047	FALSE
-0,048	0,292	-0,002	0,010	0,061	FALSE
0,030	0,306	0,001	0,009	0,055	FALSE
0,074	0,315	0,002	0,008	0,123	FALSE
-0,029	0,305	0,000	0,011	0,004	FALSE
-0,082	0,305	-0,002	0,011	0,082	FALSE
-0,082	0,311	-0,003	0,010	0,099	FALSE
-0,083	0,308	-0,002	0,010	0,090	FALSE
0,079	0,303	0,002	0,008	0,109	FALSE

-0,037	0,317	-0,001	0,008	0,031	FALSE
0,108	0,302	0,003	0,007	0,162	FALSE
-0,029	0,318	-0,001	0,011	0,036	FALSE
0,053	0,312	0,001	0,007	0,063	FALSE
0,055	0,307	0,002	0,009	0,076	FALSE
0,093	0,310	0,003	0,011	0,103	FALSE
-0,028	0,291	0,000	0,009	0,019	FALSE
0,004	0,296	0,000	0,009	0,018	FALSE
-0,086	0,300	-0,003	0,010	0,118	FALSE
0,011	0,310	0,001	0,011	0,019	FALSE
0,023	0,301	0,001	0,011	0,029	FALSE
0,125	0,307	0,003	0,006	0,161	FALSE
0,175	0,312	0,005	0,009	0,235	FALSE
0,006	0,315	0,000	0,008	0,006	FALSE
0,037	0,330	0,002	0,014	0,055	FALSE
-0,050	0,292	-0,001	0,009	0,053	FALSE
-0,117	0,308	-0,004	0,012	0,149	FALSE
-0,116	0,309	-0,004	0,009	0,155	FALSE
-0,098	0,302	-0,005	0,013	0,149	FALSE
-0,028	0,308	-0,001	0,009	0,029	FALSE
-0,045	0,308	-0,002	0,009	0,094	FALSE
-0,103	0,307	-0,002	0,007	0,140	FALSE
0,014	0,315	0,001	0,006	0,052	FALSE
0,079	0,306	0,003	0,012	0,114	FALSE
0,088	0,298	0,003	0,011	0,123	FALSE
-0,002	0,303	-0,001	0,011	0,017	FALSE
-0,089	0,318	-0,004	0,012	0,139	FALSE
-0,061	0,296	-0,003	0,012	0,090	FALSE
0,070	0,298	0,001	0,007	0,070	FALSE
0,047	0,319	0,001	0,008	0,055	FALSE
0,112	0,297	0,003	0,008	0,151	FALSE
0,009	0,303	0,000	0,007	0,006	FALSE
0,001	0,306	0,000	0,007	0,002	FALSE
-0,059	0,301	-0,002	0,011	0,081	FALSE
-0,014	0,302	-0,001	0,007	0,034	FALSE
0,064	0,299	0,003	0,011	0,108	FALSE
-0,037	0,299	-0,002	0,012	0,064	FALSE
-0,011	0,314	0,000	0,010	0,004	FALSE
-0,167	0,293	-0,005	0,008	0,244	FALSE
0,062	0,314	0,002	0,007	0,083	FALSE
0,093	0,312	0,002	0,007	0,113	FALSE
-0,044	0,311	-0,001	0,006	0,052	FALSE
0,066	0,305	0,003	0,011	0,092	FALSE
-0,065	0,322	-0,002	0,012	0,075	FALSE
-0,150	0,301	-0,003	0,007	0,183	FALSE
0,002	0,311	0,000	0,007	0,016	FALSE
-0,011	0,311	0,001	0,012	0,023	FALSE
0,061	0,310	0,002	0,010	0,087	FALSE
-0,325	0,274	-0,014	0,012	0,643	FALSE
-0,002	0,297	-0,001	0,011	0,016	FALSE
0,024	0,309	0,000	0,012	0,014	FALSE
-0,160	0,302	-0,004	0,007	0,227	FALSE
0,013	0,309	0,001	0,013	0,026	FALSE

-0,151	0,311	-0,005	0,009	0,219	FALSE
-0,131	0,305	-0,005	0,011	0,205	FALSE
-0,080	0,314	-0,004	0,013	0,115	FALSE
0,127	0,297	0,006	0,012	0,201	FALSE
-0,147	0,300	-0,003	0,007	0,207	FALSE
-0,130	0,308	-0,003	0,007	0,160	FALSE
0,109	0,306	0,004	0,012	0,147	FALSE
0,073	0,297	0,003	0,012	0,088	FALSE
0,006	0,293	0,001	0,010	0,032	FALSE
-0,021	0,318	-0,001	0,012	0,041	FALSE
-0,039	0,310	-0,001	0,008	0,063	FALSE
-0,135	0,303	-0,003	0,007	0,167	FALSE
0,017	0,312	0,001	0,012	0,020	FALSE
0,025	0,308	0,001	0,008	0,041	FALSE
-0,057	0,300	-0,001	0,007	0,052	FALSE
0,009	0,308	0,001	0,012	0,019	FALSE
-0,080	0,315	-0,003	0,012	0,079	FALSE
-0,014	0,310	0,000	0,012	0,004	FALSE
0,043	0,299	0,003	0,012	0,080	FALSE
0,015	0,307	0,001	0,013	0,026	FALSE
-0,019	0,311	-0,001	0,013	0,020	FALSE
0,021	0,311	0,001	0,011	0,019	FALSE
-0,033	0,316	-0,002	0,010	0,057	FALSE
0,171	0,289	0,004	0,006	0,279	FALSE
0,057	0,313	0,001	0,007	0,050	FALSE
-0,043	0,306	-0,002	0,013	0,050	FALSE
-0,103	0,288	-0,002	0,006	0,138	FALSE
-0,099	0,296	-0,002	0,006	0,147	FALSE
0,006	0,307	0,001	0,009	0,022	FALSE
-0,062	0,312	-0,001	0,008	0,067	FALSE
-0,139	0,308	-0,006	0,013	0,190	FALSE
-0,112	0,282	-0,003	0,006	0,181	FALSE
0,040	0,312	0,001	0,009	0,055	FALSE
-0,100	0,308	-0,002	0,007	0,112	FALSE
-0,107	0,312	-0,003	0,009	0,137	FALSE
-0,112	0,311	-0,003	0,009	0,141	FALSE
0,113	0,303	0,004	0,008	0,197	FALSE
0,063	0,309	0,002	0,007	0,101	FALSE
0,085	0,305	0,003	0,009	0,112	FALSE
0,076	0,298	0,002	0,008	0,119	FALSE
-0,062	0,314	-0,002	0,011	0,071	FALSE
0,005	0,315	0,000	0,012	0,014	FALSE
0,098	0,321	0,004	0,010	0,144	FALSE
0,076	0,322	0,004	0,013	0,105	FALSE
-0,066	0,321	-0,002	0,011	0,074	FALSE
-0,131	0,311	-0,003	0,009	0,165	FALSE
-0,085	0,302	-0,004	0,012	0,132	FALSE
0,104	0,309	0,005	0,013	0,161	FALSE
0,007	0,306	0,000	0,007	0,023	FALSE
0,047	0,313	0,002	0,008	0,076	FALSE
-0,120	0,308	-0,003	0,008	0,126	FALSE
0,058	0,301	0,003	0,012	0,096	FALSE
0,021	0,308	0,001	0,009	0,030	FALSE

-0,094	0,308	-0,002	0,007	0,129	FALSE
0,053	0,317	0,002	0,011	0,065	FALSE
-0,199	0,305	-0,004	0,006	0,301	FALSE
-0,088	0,295	-0,003	0,009	0,149	FALSE
0,127	0,305	0,003	0,007	0,199	FALSE
-0,073	0,306	-0,001	0,008	0,052	FALSE
0,092	0,318	0,003	0,010	0,123	FALSE
0,072	0,311	0,003	0,010	0,120	FALSE
-0,022	0,309	-0,001	0,008	0,053	FALSE
0,013	0,317	0,001	0,013	0,030	FALSE
-0,076	0,306	-0,002	0,008	0,081	FALSE
0,022	0,309	0,001	0,007	0,027	FALSE
-0,100	0,297	-0,005	0,010	0,184	FALSE
0,064	0,318	0,001	0,008	0,064	FALSE
-0,098	0,303	-0,005	0,012	0,147	FALSE
0,044	0,309	0,001	0,011	0,042	FALSE
0,051	0,294	0,001	0,009	0,058	FALSE
-0,037	0,295	0,000	0,007	0,020	FALSE
0,108	0,310	0,003	0,008	0,122	FALSE
-0,017	0,307	0,000	0,009	0,015	FALSE
-0,030	0,309	-0,001	0,009	0,046	FALSE
0,121	0,306	0,005	0,011	0,178	FALSE
0,167	0,296	0,005	0,009	0,249	FALSE
0,012	0,317	-0,001	0,013	0,014	FALSE
-0,091	0,296	-0,002	0,010	0,087	FALSE
-0,106	0,296	-0,003	0,010	0,099	FALSE
0,052	0,297	0,001	0,007	0,071	FALSE
0,074	0,308	0,001	0,007	0,077	FALSE
0,032	0,311	0,001	0,009	0,054	FALSE
-0,089	0,305	-0,002	0,007	0,095	FALSE
-0,035	0,315	0,000	0,009	0,005	FALSE
-0,016	0,305	0,000	0,009	0,006	FALSE
0,061	0,291	0,002	0,010	0,074	FALSE
0,015	0,300	0,000	0,013	0,009	FALSE
0,053	0,310	0,001	0,007	0,075	FALSE
-0,024	0,316	0,000	0,008	0,010	FALSE
-0,005	0,300	0,000	0,009	0,019	FALSE
0,072	0,298	0,003	0,013	0,089	FALSE
0,017	0,326	0,001	0,012	0,018	FALSE
-0,112	0,309	-0,004	0,010	0,144	FALSE
0,097	0,302	0,003	0,007	0,159	FALSE
0,010	0,314	0,001	0,009	0,032	FALSE
0,061	0,298	0,003	0,011	0,102	FALSE
0,043	0,295	0,002	0,008	0,085	FALSE
-0,026	0,299	0,000	0,007	0,015	FALSE
0,019	0,310	0,000	0,012	0,007	FALSE
0,117	0,313	0,003	0,007	0,164	FALSE
0,087	0,313	0,003	0,012	0,110	FALSE
-0,135	0,318	-0,004	0,011	0,159	FALSE
-0,111	0,313	-0,003	0,010	0,132	FALSE
0,004	0,302	0,001	0,009	0,033	FALSE
-0,040	0,304	-0,001	0,007	0,047	FALSE
0,042	0,311	0,002	0,011	0,065	FALSE

0,077	0,300	0,005	0,013	0,149	FALSE
0,086	0,303	0,003	0,012	0,098	FALSE
0,047	0,312	0,001	0,010	0,043	FALSE
0,138	0,310	0,005	0,011	0,172	FALSE
-0,037	0,306	-0,002	0,010	0,060	FALSE
-0,087	0,311	-0,001	0,007	0,067	FALSE
0,099	0,287	0,004	0,011	0,133	FALSE
0,053	0,316	0,002	0,013	0,060	FALSE
0,045	0,311	0,001	0,007	0,061	FALSE
-0,013	0,314	0,000	0,007	0,004	FALSE
-0,029	0,285	0,000	0,007	0,018	FALSE
-0,019	0,304	-0,002	0,012	0,049	FALSE
-0,066	0,303	-0,003	0,012	0,100	FALSE
0,061	0,303	0,001	0,007	0,079	FALSE
-0,088	0,317	-0,004	0,013	0,136	FALSE
-0,025	0,311	-0,002	0,012	0,046	FALSE
-0,116	0,293	-0,003	0,008	0,173	FALSE
-0,003	0,306	-0,001	0,012	0,014	FALSE
-0,022	0,304	-0,002	0,012	0,048	FALSE
0,051	0,304	0,002	0,010	0,088	FALSE
0,121	0,288	0,002	0,006	0,123	FALSE
0,017	0,304	0,001	0,008	0,040	FALSE
0,054	0,311	0,002	0,012	0,053	FALSE
0,099	0,300	0,004	0,010	0,140	FALSE
-0,079	0,317	-0,002	0,010	0,089	FALSE
0,016	0,316	0,000	0,009	0,010	FALSE
0,139	0,282	0,004	0,008	0,216	FALSE
-0,061	0,317	-0,002	0,009	0,097	FALSE
0,065	0,305	0,002	0,007	0,093	FALSE
-0,032	0,304	-0,002	0,012	0,049	FALSE
0,135	0,307	0,005	0,012	0,185	FALSE
0,060	0,312	0,002	0,011	0,070	FALSE
0,079	0,305	0,002	0,007	0,103	FALSE
0,109	0,312	0,004	0,010	0,154	FALSE
0,130	0,313	0,004	0,009	0,192	FALSE
-0,066	0,310	-0,002	0,010	0,087	FALSE
-0,043	0,299	-0,001	0,007	0,050	FALSE
0,012	0,313	0,000	0,009	0,006	FALSE
0,043	0,327	0,002	0,008	0,073	FALSE
-0,101	0,303	-0,004	0,013	0,126	FALSE
-0,099	0,304	-0,004	0,013	0,121	FALSE
-0,016	0,295	-0,001	0,010	0,047	FALSE
-0,037	0,295	-0,001	0,009	0,058	FALSE
0,011	0,298	0,000	0,009	0,006	FALSE
0,053	0,309	0,001	0,007	0,076	FALSE
-0,042	0,295	-0,002	0,010	0,065	FALSE
0,020	0,294	0,000	0,011	0,006	FALSE
0,059	0,307	0,002	0,007	0,083	FALSE
-0,102	0,312	-0,002	0,008	0,115	FALSE
-0,019	0,299	-0,001	0,013	0,030	FALSE
0,025	0,318	0,000	0,007	0,007	FALSE
-0,046	0,308	-0,001	0,013	0,031	FALSE
0,105	0,303	0,004	0,011	0,153	FALSE

-0,003	0,305	0,001	0,013	0,015	FALSE
-0,159	0,302	-0,003	0,007	0,205	FALSE
0,020	0,318	0,001	0,007	0,033	FALSE
0,101	0,304	0,003	0,008	0,127	FALSE
0,095	0,315	0,003	0,009	0,118	FALSE
0,085	0,314	0,004	0,013	0,102	FALSE
0,003	0,311	0,000	0,006	0,000	FALSE
-0,011	0,332	-0,001	0,011	0,031	FALSE
-0,009	0,305	0,000	0,010	0,018	FALSE
0,117	0,294	0,003	0,010	0,130	FALSE
-0,011	0,304	0,000	0,008	0,005	FALSE
0,030	0,303	0,001	0,007	0,046	FALSE
0,135	0,322	0,005	0,011	0,204	FALSE
0,036	0,317	0,001	0,008	0,058	FALSE
0,073	0,319	0,003	0,012	0,082	FALSE
0,035	0,294	0,001	0,007	0,058	FALSE
-0,004	0,315	0,000	0,010	0,000	FALSE
0,099	0,307	0,004	0,012	0,114	FALSE
-0,028	0,308	0,000	0,009	0,007	FALSE
-0,014	0,312	-0,002	0,011	0,054	FALSE
0,076	0,313	0,002	0,009	0,091	FALSE
0,033	0,307	0,001	0,011	0,019	FALSE
-0,006	0,314	0,000	0,010	0,008	FALSE
-0,046	0,313	-0,001	0,010	0,030	FALSE
0,032	0,311	0,002	0,008	0,080	FALSE
-0,190	0,301	-0,008	0,012	0,272	FALSE
-0,120	0,313	-0,003	0,008	0,151	FALSE
0,180	0,306	0,007	0,014	0,234	FALSE
0,118	0,296	0,003	0,009	0,151	FALSE
0,077	0,303	0,002	0,007	0,107	FALSE
-0,001	0,300	0,000	0,009	0,007	FALSE
0,110	0,319	0,003	0,009	0,138	FALSE
0,128	0,311	0,005	0,011	0,188	FALSE
0,127	0,297	0,004	0,010	0,190	FALSE
0,061	0,303	0,001	0,009	0,059	FALSE
0,061	0,292	0,002	0,011	0,076	FALSE
-0,012	0,312	0,000	0,008	0,007	FALSE
0,114	0,316	0,005	0,013	0,148	FALSE
0,110	0,310	0,005	0,013	0,156	FALSE
-0,096	0,310	-0,003	0,012	0,111	FALSE
0,044	0,307	0,001	0,007	0,037	FALSE
-0,120	0,312	-0,003	0,008	0,172	FALSE
-0,068	0,319	-0,002	0,009	0,093	FALSE
-0,001	0,332	0,000	0,010	0,006	FALSE
-0,051	0,305	-0,002	0,009	0,083	FALSE
-0,029	0,306	-0,001	0,009	0,055	FALSE
0,014	0,317	0,000	0,009	0,009	FALSE
-0,011	0,305	-0,001	0,009	0,030	FALSE
0,003	0,317	0,000	0,010	0,004	FALSE
0,019	0,314	0,000	0,010	0,012	FALSE
-0,083	0,308	-0,002	0,008	0,092	FALSE
-0,063	0,303	-0,001	0,008	0,070	FALSE
0,026	0,307	0,002	0,013	0,068	FALSE

0,030	0,299	0,002	0,012	0,075	FALSE
0,058	0,309	0,004	0,013	0,117	FALSE
-0,058	0,297	-0,002	0,011	0,060	FALSE
-0,131	0,282	-0,005	0,011	0,203	FALSE
-0,154	0,290	-0,006	0,012	0,233	FALSE
-0,157	0,291	-0,007	0,012	0,249	FALSE
0,127	0,298	0,004	0,012	0,144	FALSE
-0,115	0,296	-0,005	0,011	0,165	FALSE
0,113	0,307	0,004	0,012	0,134	FALSE
0,123	0,285	0,004	0,007	0,201	FALSE
-0,043	0,314	-0,002	0,012	0,057	FALSE
-0,105	0,309	-0,004	0,012	0,132	FALSE
0,042	0,305	0,001	0,008	0,044	FALSE
0,019	0,313	0,001	0,013	0,038	FALSE
0,000	0,316	0,000	0,012	0,013	FALSE
-0,076	0,297	-0,001	0,008	0,055	FALSE
0,069	0,306	0,003	0,012	0,101	FALSE
0,078	0,300	0,004	0,012	0,132	FALSE
0,050	0,300	0,001	0,012	0,041	FALSE
-0,061	0,319	-0,001	0,010	0,041	FALSE
0,103	0,313	0,005	0,013	0,142	FALSE
-0,003	0,306	0,000	0,012	0,008	FALSE
-0,018	0,311	-0,001	0,012	0,017	FALSE
-0,030	0,316	-0,001	0,011	0,026	FALSE
0,053	0,321	0,002	0,012	0,070	FALSE
-0,024	0,309	-0,001	0,009	0,051	FALSE
-0,105	0,295	-0,004	0,009	0,165	FALSE
0,015	0,305	0,001	0,009	0,023	FALSE
-0,031	0,295	-0,001	0,010	0,050	FALSE
0,042	0,306	0,002	0,009	0,072	FALSE
-0,011	0,288	-0,001	0,008	0,025	FALSE
0,018	0,310	0,000	0,006	0,019	FALSE
0,081	0,308	0,002	0,008	0,099	FALSE
0,144	0,306	0,004	0,009	0,196	FALSE
-0,099	0,310	-0,004	0,012	0,141	FALSE
0,033	0,299	0,001	0,006	0,030	FALSE
0,018	0,305	0,000	0,006	0,026	FALSE
0,095	0,307	0,003	0,008	0,123	FALSE
0,007	0,324	0,001	0,011	0,019	FALSE
-0,040	0,327	-0,002	0,013	0,063	FALSE
-0,070	0,303	-0,002	0,007	0,098	FALSE
-0,176	0,294	-0,006	0,009	0,279	FALSE
-0,110	0,295	-0,003	0,008	0,135	FALSE
-0,119	0,298	-0,005	0,012	0,181	FALSE
-0,041	0,309	-0,002	0,012	0,052	FALSE
0,019	0,303	0,001	0,007	0,041	FALSE
0,014	0,306	0,001	0,007	0,031	FALSE
0,028	0,303	0,001	0,007	0,053	FALSE
-0,056	0,316	-0,003	0,013	0,078	FALSE
-0,153	0,302	-0,005	0,010	0,218	FALSE
0,009	0,303	0,001	0,008	0,027	FALSE
0,120	0,305	0,005	0,013	0,179	FALSE
-0,156	0,301	-0,006	0,011	0,226	FALSE

-0,031	0,305	-0,001	0,007	0,038	FALSE
-0,005	0,328	-0,001	0,013	0,026	FALSE
-0,010	0,313	0,000	0,010	0,010	FALSE
-0,118	0,285	-0,004	0,011	0,123	FALSE
0,071	0,302	0,002	0,007	0,099	FALSE
0,050	0,311	0,002	0,008	0,094	FALSE
0,058	0,298	0,001	0,008	0,074	FALSE
0,030	0,293	0,000	0,007	0,005	FALSE
-0,150	0,306	-0,006	0,013	0,194	FALSE
0,099	0,319	0,003	0,013	0,092	FALSE
0,064	0,307	0,002	0,006	0,111	FALSE
0,019	0,295	0,001	0,011	0,030	FALSE
-0,012	0,308	-0,001	0,010	0,023	FALSE
-0,069	0,303	-0,003	0,011	0,116	FALSE
-0,076	0,300	-0,002	0,009	0,086	FALSE
-0,086	0,303	-0,003	0,009	0,109	FALSE
-0,219	0,289	-0,006	0,009	0,334	FALSE
-0,026	0,292	-0,001	0,010	0,040	FALSE
0,042	0,305	0,001	0,007	0,045	FALSE
0,003	0,302	-0,001	0,012	0,024	FALSE
0,140	0,304	0,006	0,011	0,236	FALSE
0,027	0,316	0,001	0,010	0,026	FALSE
-0,075	0,313	-0,002	0,008	0,091	FALSE
-0,086	0,316	-0,002	0,008	0,110	FALSE
-0,077	0,315	-0,002	0,009	0,093	FALSE
0,009	0,313	0,000	0,007	0,002	FALSE
-0,088	0,297	-0,003	0,008	0,138	FALSE
-0,038	0,316	-0,002	0,013	0,055	FALSE
0,076	0,323	0,003	0,013	0,089	FALSE
0,020	0,311	0,001	0,007	0,032	FALSE
-0,002	0,311	0,000	0,013	0,003	FALSE
-0,013	0,310	0,000	0,007	0,006	FALSE
-0,106	0,306	-0,003	0,008	0,149	FALSE
0,013	0,289	0,001	0,008	0,029	FALSE
-0,071	0,313	-0,002	0,009	0,090	FALSE
-0,039	0,317	-0,001	0,007	0,055	FALSE
0,031	0,329	0,001	0,009	0,045	FALSE
0,005	0,302	0,000	0,008	0,002	FALSE
-0,127	0,312	-0,004	0,010	0,171	FALSE
0,133	0,302	0,005	0,011	0,175	FALSE
-0,068	0,315	-0,001	0,008	0,070	FALSE
0,014	0,293	0,001	0,009	0,023	FALSE
0,019	0,312	0,001	0,011	0,024	FALSE
-0,035	0,301	-0,001	0,010	0,021	FALSE
-0,120	0,304	-0,003	0,008	0,152	FALSE
-0,097	0,314	-0,002	0,008	0,101	FALSE
-0,030	0,305	0,000	0,006	0,027	FALSE
0,001	0,312	-0,001	0,011	0,018	FALSE
0,045	0,300	0,001	0,006	0,079	FALSE
-0,057	0,298	-0,003	0,013	0,093	FALSE
0,065	0,310	0,002	0,009	0,100	FALSE
-0,066	0,299	-0,004	0,012	0,119	FALSE
-0,101	0,312	-0,004	0,013	0,135	FALSE

-0,058	0,309	-0,002	0,012	0,081	FALSE
-0,031	0,310	0,000	0,009	0,004	FALSE
-0,138	0,299	-0,005	0,011	0,202	FALSE
0,092	0,294	0,003	0,012	0,084	FALSE
0,064	0,305	0,002	0,011	0,065	FALSE
0,040	0,311	0,001	0,007	0,040	FALSE
-0,069	0,295	-0,002	0,009	0,080	FALSE
0,067	0,316	0,003	0,014	0,085	FALSE
-0,033	0,301	0,000	0,006	0,007	FALSE
0,012	0,320	0,000	0,008	0,001	FALSE
-0,009	0,313	0,000	0,006	0,012	FALSE
-0,041	0,301	0,000	0,006	0,020	FALSE
0,069	0,294	0,002	0,009	0,081	FALSE
-0,076	0,311	-0,002	0,008	0,113	FALSE
0,068	0,294	0,003	0,011	0,095	FALSE
0,073	0,296	0,002	0,009	0,084	FALSE
0,029	0,295	0,001	0,008	0,038	FALSE
-0,077	0,302	-0,002	0,008	0,098	FALSE
-0,011	0,312	0,000	0,008	0,015	FALSE
-0,041	0,316	-0,001	0,007	0,049	FALSE
0,003	0,315	0,000	0,007	0,016	FALSE
-0,040	0,310	-0,002	0,011	0,049	FALSE
-0,106	0,317	-0,003	0,009	0,123	FALSE
0,020	0,296	0,001	0,009	0,038	FALSE
0,132	0,300	0,003	0,006	0,198	FALSE
0,150	0,309	0,004	0,008	0,226	FALSE
0,000	0,304	0,000	0,013	0,001	FALSE
-0,059	0,299	-0,003	0,011	0,103	FALSE
0,070	0,315	0,002	0,012	0,075	FALSE
-0,057	0,299	-0,002	0,012	0,073	FALSE
0,088	0,315	0,002	0,007	0,107	FALSE
-0,089	0,302	-0,002	0,007	0,109	FALSE
-0,054	0,319	-0,001	0,008	0,054	FALSE
0,142	0,314	0,004	0,009	0,212	FALSE
-0,073	0,306	-0,002	0,008	0,072	FALSE
-0,044	0,314	-0,001	0,007	0,036	FALSE
-0,103	0,303	-0,003	0,010	0,127	FALSE
0,022	0,316	0,000	0,009	0,016	FALSE
-0,045	0,302	-0,002	0,011	0,059	FALSE
0,037	0,300	0,001	0,008	0,061	FALSE
-0,139	0,307	-0,004	0,008	0,210	FALSE
-0,051	0,295	-0,002	0,008	0,090	FALSE
-0,094	0,314	-0,004	0,012	0,147	FALSE
0,143	0,309	0,003	0,008	0,185	FALSE
0,168	0,300	0,004	0,008	0,228	FALSE
-0,045	0,314	-0,002	0,009	0,062	FALSE
-0,061	0,317	-0,002	0,009	0,096	FALSE
-0,075	0,304	-0,002	0,012	0,056	FALSE
-0,161	0,293	-0,004	0,007	0,248	FALSE
-0,057	0,305	-0,002	0,009	0,070	FALSE
-0,010	0,304	0,000	0,010	0,016	FALSE
-0,085	0,286	-0,004	0,013	0,109	FALSE
-0,098	0,309	-0,002	0,008	0,124	FALSE

-0,088	0,306	-0,002	0,007	0,110	FALSE
-0,123	0,302	-0,005	0,012	0,175	FALSE
-0,002	0,302	0,000	0,008	0,000	FALSE
-0,215	0,312	-0,006	0,009	0,325	FALSE
0,008	0,299	0,000	0,007	0,002	FALSE
-0,033	0,292	-0,001	0,011	0,041	FALSE
0,100	0,300	0,002	0,007	0,129	FALSE
-0,156	0,308	-0,003	0,006	0,225	FALSE
-0,094	0,305	-0,004	0,011	0,134	FALSE
0,015	0,310	0,001	0,009	0,028	FALSE
-0,084	0,315	-0,004	0,012	0,134	FALSE
0,011	0,319	0,000	0,010	0,004	FALSE
-0,046	0,297	-0,001	0,008	0,056	FALSE
-0,139	0,309	-0,005	0,012	0,193	FALSE
0,006	0,304	0,000	0,009	0,007	FALSE
-0,052	0,306	-0,002	0,011	0,060	FALSE
0,006	0,309	0,000	0,012	0,006	FALSE
0,119	0,302	0,003	0,009	0,130	FALSE
-0,051	0,309	0,000	0,009	0,011	FALSE
-0,132	0,299	-0,004	0,007	0,212	FALSE
-0,023	0,305	-0,002	0,010	0,059	FALSE
-0,030	0,293	-0,002	0,011	0,066	FALSE
-0,025	0,310	-0,002	0,011	0,057	FALSE
-0,040	0,313	0,000	0,007	0,007	FALSE
-0,046	0,310	-0,002	0,012	0,065	FALSE
-0,062	0,314	-0,002	0,012	0,074	FALSE
-0,020	0,304	-0,001	0,008	0,035	FALSE
-0,004	0,313	0,000	0,009	0,019	FALSE
-0,106	0,303	-0,002	0,007	0,144	FALSE
-0,060	0,303	-0,003	0,011	0,092	FALSE
-0,012	0,312	0,000	0,009	0,016	FALSE
-0,056	0,298	-0,001	0,006	0,077	FALSE
-0,168	0,309	-0,006	0,010	0,258	FALSE
0,133	0,308	0,004	0,009	0,164	FALSE
0,000	0,307	0,000	0,008	0,012	FALSE
-0,069	0,311	-0,002	0,011	0,066	FALSE
-0,075	0,307	-0,003	0,013	0,101	FALSE
-0,049	0,313	-0,001	0,007	0,060	FALSE
0,057	0,296	0,002	0,013	0,056	FALSE
0,086	0,298	0,003	0,010	0,094	FALSE
0,108	0,302	0,005	0,012	0,176	FALSE
0,106	0,301	0,005	0,013	0,147	FALSE
0,002	0,317	0,000	0,010	0,012	FALSE
-0,008	0,305	0,000	0,013	0,012	FALSE
-0,024	0,314	-0,001	0,010	0,028	FALSE
0,014	0,279	0,000	0,012	0,013	FALSE
-0,008	0,297	0,000	0,006	0,024	FALSE
0,038	0,300	0,001	0,009	0,033	FALSE
-0,100	0,302	-0,005	0,013	0,154	FALSE
-0,051	0,311	-0,001	0,006	0,041	FALSE
0,076	0,303	0,001	0,008	0,061	FALSE
0,003	0,297	0,000	0,007	0,002	FALSE
-0,162	0,299	-0,004	0,008	0,209	FALSE

0,043	0,306	0,001	0,007	0,034	FALSE
-0,021	0,300	-0,001	0,012	0,020	FALSE
-0,003	0,319	0,000	0,013	0,009	FALSE
0,115	0,318	0,002	0,007	0,130	FALSE
0,063	0,303	0,004	0,012	0,119	FALSE
-0,005	0,317	0,000	0,007	0,002	FALSE
-0,059	0,317	-0,003	0,013	0,076	FALSE
-0,039	0,304	-0,001	0,008	0,035	FALSE
0,006	0,293	-0,001	0,012	0,021	FALSE
0,081	0,309	0,003	0,011	0,093	FALSE
0,126	0,305	0,006	0,013	0,186	FALSE
0,024	0,310	0,001	0,012	0,035	FALSE
-0,071	0,313	-0,002	0,007	0,090	FALSE
0,078	0,314	0,002	0,008	0,101	FALSE
0,078	0,310	0,002	0,006	0,089	FALSE
0,014	0,295	0,001	0,012	0,025	FALSE
0,021	0,326	0,001	0,010	0,042	FALSE
-0,008	0,292	0,000	0,009	0,017	FALSE
0,044	0,307	0,002	0,008	0,072	FALSE
0,114	0,297	0,003	0,007	0,153	FALSE
-0,045	0,316	-0,002	0,013	0,058	FALSE
0,038	0,307	0,002	0,012	0,061	FALSE
0,036	0,313	0,001	0,009	0,036	FALSE
-0,069	0,300	-0,002	0,008	0,099	FALSE
0,111	0,312	0,003	0,008	0,146	FALSE
-0,074	0,299	-0,001	0,007	0,066	FALSE
0,077	0,308	0,002	0,006	0,125	FALSE
-0,035	0,316	-0,001	0,012	0,038	FALSE
0,044	0,303	0,001	0,010	0,039	FALSE
0,093	0,308	0,003	0,007	0,162	FALSE
0,068	0,310	0,001	0,010	0,056	FALSE
-0,001	0,309	-0,001	0,010	0,035	FALSE
-0,095	0,303	-0,002	0,007	0,113	FALSE
-0,009	0,306	0,000	0,008	0,010	FALSE
0,045	0,301	0,001	0,007	0,060	FALSE
-0,079	0,291	-0,002	0,012	0,061	FALSE
-0,082	0,298	-0,002	0,012	0,065	FALSE
-0,082	0,316	-0,002	0,009	0,106	FALSE
-0,144	0,301	-0,006	0,011	0,230	FALSE
0,029	0,303	0,001	0,011	0,019	FALSE
0,091	0,307	0,002	0,008	0,102	FALSE
-0,072	0,312	-0,001	0,008	0,069	FALSE
0,079	0,303	0,002	0,009	0,080	FALSE
0,016	0,321	0,000	0,007	0,011	FALSE
0,056	0,315	0,002	0,012	0,058	FALSE
0,089	0,289	0,003	0,012	0,099	FALSE
0,185	0,296	0,006	0,012	0,229	FALSE
-0,003	0,319	-0,001	0,011	0,020	FALSE
-0,121	0,301	-0,004	0,012	0,141	FALSE
0,045	0,298	0,001	0,006	0,073	FALSE
0,139	0,290	0,007	0,012	0,257	FALSE
-0,001	0,299	0,001	0,007	0,030	FALSE
-0,007	0,315	-0,001	0,008	0,025	FALSE

-0,023	0,311	-0,001	0,010	0,047	FALSE
-0,007	0,314	0,000	0,013	0,009	FALSE
-0,026	0,299	-0,001	0,007	0,030	FALSE
0,097	0,311	0,004	0,013	0,111	FALSE
0,106	0,305	0,003	0,007	0,167	FALSE
0,068	0,301	0,003	0,013	0,100	FALSE
0,130	0,302	0,004	0,008	0,200	FALSE
-0,032	0,295	-0,001	0,012	0,029	FALSE
-0,069	0,305	-0,003	0,010	0,108	FALSE
-0,062	0,319	-0,002	0,013	0,064	FALSE
0,018	0,305	0,001	0,008	0,027	FALSE
0,077	0,306	0,002	0,008	0,072	FALSE
0,046	0,299	0,001	0,012	0,019	FALSE
0,000	0,302	0,000	0,007	0,004	FALSE
0,035	0,294	0,001	0,007	0,053	FALSE
-0,083	0,291	-0,002	0,012	0,078	FALSE
0,116	0,315	0,005	0,013	0,145	FALSE
0,081	0,303	0,002	0,009	0,099	FALSE
-0,012	0,307	-0,001	0,012	0,029	FALSE
-0,046	0,312	-0,002	0,013	0,060	FALSE
-0,012	0,305	-0,001	0,011	0,027	FALSE
0,073	0,296	0,004	0,012	0,117	FALSE
-0,039	0,307	-0,001	0,010	0,040	FALSE
-0,111	0,317	-0,005	0,013	0,157	FALSE
-0,099	0,305	-0,002	0,007	0,139	FALSE
-0,062	0,316	-0,002	0,010	0,069	FALSE
0,118	0,310	0,003	0,008	0,155	FALSE
0,088	0,310	0,003	0,008	0,129	FALSE
-0,108	0,302	-0,005	0,012	0,155	FALSE
0,126	0,309	0,004	0,010	0,166	FALSE
-0,083	0,316	-0,003	0,010	0,102	FALSE
-0,091	0,302	-0,002	0,007	0,124	FALSE
0,012	0,313	0,000	0,008	0,009	FALSE
-0,089	0,300	-0,003	0,010	0,106	FALSE
0,000	0,312	0,000	0,007	0,000	FALSE
-0,074	0,302	-0,002	0,008	0,098	FALSE
0,031	0,318	0,000	0,007	0,009	FALSE
0,015	0,307	0,000	0,011	0,006	FALSE
0,038	0,321	0,001	0,009	0,048	FALSE
0,030	0,318	0,001	0,007	0,060	FALSE
0,042	0,298	0,001	0,006	0,049	FALSE
0,044	0,311	0,001	0,006	0,040	FALSE
-0,052	0,308	-0,001	0,007	0,056	FALSE
0,064	0,292	0,002	0,007	0,099	FALSE
-0,202	0,290	-0,006	0,008	0,324	FALSE
0,090	0,294	0,002	0,008	0,106	FALSE
0,086	0,313	0,003	0,010	0,116	FALSE
0,092	0,313	0,004	0,012	0,121	FALSE
0,029	0,317	0,001	0,008	0,028	FALSE
0,062	0,300	0,001	0,008	0,065	FALSE
0,085	0,302	0,004	0,012	0,124	FALSE
0,116	0,309	0,004	0,009	0,159	FALSE
-0,089	0,308	-0,002	0,008	0,105	FALSE

-0,154	0,297	-0,004	0,007	0,230	FALSE
0,086	0,307	0,002	0,008	0,110	FALSE
-0,080	0,311	-0,002	0,010	0,087	FALSE
-0,087	0,306	-0,002	0,010	0,091	FALSE
-0,015	0,309	-0,001	0,013	0,039	FALSE
-0,023	0,294	-0,002	0,012	0,058	FALSE
0,144	0,314	0,006	0,011	0,220	FALSE
0,080	0,316	0,004	0,013	0,108	FALSE
-0,065	0,306	-0,003	0,013	0,078	FALSE
-0,066	0,298	-0,003	0,013	0,085	FALSE
0,054	0,283	0,001	0,012	0,027	FALSE
-0,036	0,319	-0,001	0,008	0,047	FALSE
-0,104	0,304	-0,002	0,006	0,133	FALSE
0,031	0,314	0,001	0,009	0,047	FALSE
0,020	0,308	0,001	0,010	0,037	FALSE
0,045	0,312	0,002	0,007	0,086	FALSE
0,128	0,308	0,004	0,009	0,205	FALSE
-0,089	0,314	-0,002	0,007	0,109	FALSE
0,072	0,314	0,001	0,007	0,068	FALSE
-0,062	0,312	-0,002	0,008	0,099	FALSE
0,054	0,305	0,001	0,008	0,053	FALSE
-0,173	0,298	-0,005	0,009	0,230	FALSE
0,205	0,307	0,008	0,012	0,291	FALSE
-0,210	0,291	-0,007	0,011	0,278	FALSE
-0,009	0,317	0,000	0,013	0,006	FALSE
-0,018	0,325	0,000	0,007	0,008	FALSE
-0,048	0,317	-0,001	0,010	0,042	FALSE
-0,042	0,283	-0,002	0,012	0,058	FALSE
0,120	0,306	0,004	0,011	0,170	FALSE
0,042	0,307	0,001	0,013	0,042	FALSE
0,045	0,315	0,001	0,012	0,044	FALSE
0,122	0,312	0,004	0,010	0,179	FALSE
-0,060	0,292	-0,002	0,009	0,085	FALSE
-0,027	0,307	-0,001	0,009	0,045	FALSE
-0,028	0,308	-0,002	0,010	0,062	FALSE
-0,072	0,316	-0,002	0,012	0,065	FALSE
0,047	0,308	0,001	0,012	0,027	FALSE
0,011	0,308	0,000	0,012	0,008	FALSE
-0,106	0,303	-0,004	0,009	0,155	FALSE
-0,165	0,301	-0,005	0,008	0,247	FALSE
-0,013	0,310	0,000	0,008	0,006	FALSE
0,137	0,310	0,004	0,008	0,197	FALSE
0,117	0,308	0,003	0,008	0,144	FALSE
-0,095	0,303	-0,004	0,011	0,139	FALSE
0,011	0,308	0,000	0,010	0,017	FALSE
0,054	0,311	0,003	0,013	0,086	FALSE
-0,001	0,311	0,000	0,012	0,012	FALSE
-0,212	0,299	-0,006	0,008	0,317	FALSE
0,041	0,307	0,000	0,012	0,015	FALSE
0,071	0,310	0,002	0,010	0,089	FALSE
-0,011	0,311	0,000	0,012	0,006	FALSE
0,021	0,303	0,001	0,007	0,034	FALSE
-0,001	0,304	0,000	0,006	0,023	FALSE

-0,054	0,297	-0,001	0,010	0,054	FALSE
0,036	0,312	0,000	0,011	0,010	FALSE
-0,044	0,302	-0,001	0,009	0,049	FALSE
0,117	0,306	0,005	0,012	0,164	FALSE
0,047	0,306	0,002	0,011	0,065	FALSE
0,067	0,320	0,002	0,011	0,082	FALSE
0,023	0,314	0,000	0,007	0,019	FALSE
0,044	0,318	0,001	0,012	0,027	FALSE
0,035	0,309	0,001	0,007	0,067	FALSE
-0,027	0,302	-0,001	0,008	0,029	FALSE
-0,058	0,296	-0,001	0,008	0,070	FALSE
0,071	0,306	0,002	0,006	0,101	FALSE
0,111	0,303	0,003	0,009	0,124	FALSE
0,093	0,314	0,002	0,010	0,099	FALSE
-0,057	0,330	-0,002	0,009	0,071	FALSE
-0,008	0,291	0,000	0,009	0,018	FALSE
0,015	0,313	0,001	0,011	0,039	FALSE
0,040	0,283	0,001	0,008	0,050	FALSE
0,017	0,311	0,001	0,010	0,025	FALSE
-0,056	0,310	-0,002	0,011	0,051	FALSE
-0,090	0,306	-0,003	0,011	0,102	FALSE
-0,002	0,295	0,000	0,008	0,018	FALSE
-0,032	0,303	-0,001	0,010	0,040	FALSE
-0,093	0,309	-0,004	0,012	0,120	FALSE
0,067	0,304	0,002	0,013	0,058	FALSE
-0,019	0,310	0,000	0,009	0,017	FALSE
-0,066	0,307	-0,001	0,007	0,045	FALSE
-0,026	0,310	0,000	0,008	0,014	FALSE
0,024	0,296	0,001	0,007	0,044	FALSE
-0,060	0,310	-0,002	0,011	0,074	FALSE
0,057	0,333	0,003	0,011	0,090	FALSE
-0,046	0,306	-0,002	0,013	0,054	FALSE
-0,021	0,314	0,000	0,009	0,006	FALSE
0,028	0,313	0,001	0,010	0,045	FALSE
0,229	0,300	0,007	0,009	0,340	FALSE
-0,008	0,317	0,000	0,007	0,008	FALSE
0,086	0,307	0,002	0,008	0,097	FALSE
0,006	0,303	0,000	0,006	0,013	FALSE
0,123	0,303	0,003	0,009	0,157	FALSE
-0,022	0,307	-0,001	0,007	0,035	FALSE
0,046	0,290	0,001	0,006	0,084	FALSE
-0,055	0,313	-0,002	0,013	0,067	FALSE
-0,034	0,301	-0,001	0,009	0,047	FALSE
-0,041	0,298	-0,001	0,007	0,048	FALSE
0,013	0,293	0,001	0,012	0,036	FALSE
0,019	0,305	0,001	0,006	0,028	FALSE
-0,046	0,310	-0,001	0,008	0,043	FALSE
-0,044	0,303	-0,001	0,010	0,039	FALSE
0,029	0,296	0,002	0,012	0,069	FALSE
0,086	0,316	0,003	0,011	0,094	FALSE
-0,060	0,304	-0,002	0,010	0,060	FALSE
0,003	0,317	0,000	0,007	0,001	FALSE
-0,139	0,304	-0,004	0,009	0,176	FALSE

0,051	0,304	0,001	0,011	0,050	FALSE
-0,086	0,314	-0,002	0,008	0,099	FALSE
0,124	0,297	0,002	0,006	0,149	FALSE
0,125	0,306	0,003	0,010	0,139	FALSE
-0,024	0,308	-0,001	0,012	0,023	FALSE
0,018	0,318	0,001	0,010	0,053	FALSE
0,069	0,300	0,003	0,012	0,101	FALSE
-0,130	0,313	-0,006	0,012	0,185	FALSE
0,007	0,312	0,000	0,011	0,004	FALSE
-0,021	0,325	-0,001	0,012	0,016	FALSE
-0,063	0,297	-0,002	0,007	0,088	FALSE
-0,078	0,298	-0,002	0,008	0,086	FALSE
-0,021	0,317	-0,001	0,012	0,016	FALSE
-0,101	0,296	-0,003	0,008	0,132	FALSE
-0,065	0,308	-0,001	0,007	0,070	FALSE
-0,114	0,296	-0,004	0,013	0,134	FALSE
-0,019	0,299	0,000	0,007	0,014	FALSE
0,022	0,300	0,001	0,010	0,027	FALSE
-0,162	0,295	-0,004	0,008	0,190	FALSE
-0,018	0,300	-0,001	0,009	0,028	FALSE
0,012	0,316	0,000	0,010	0,000	FALSE
-0,049	0,311	-0,001	0,006	0,080	FALSE
-0,082	0,310	-0,002	0,007	0,131	FALSE
-0,059	0,308	-0,001	0,006	0,072	FALSE
-0,001	0,308	-0,001	0,011	0,018	FALSE
-0,009	0,304	-0,001	0,008	0,026	FALSE
0,032	0,314	0,001	0,009	0,030	FALSE
0,023	0,304	0,000	0,011	0,002	FALSE
-0,076	0,307	-0,002	0,008	0,095	FALSE
0,071	0,284	0,002	0,011	0,059	FALSE
-0,029	0,297	-0,001	0,008	0,040	FALSE
0,087	0,310	0,003	0,009	0,111	FALSE
0,080	0,303	0,002	0,008	0,087	FALSE
0,042	0,294	0,001	0,007	0,062	FALSE
0,053	0,308	0,001	0,007	0,046	FALSE
0,105	0,310	0,004	0,012	0,117	FALSE
-0,172	0,302	-0,007	0,013	0,254	FALSE
-0,053	0,288	-0,003	0,010	0,103	FALSE
-0,113	0,305	-0,004	0,012	0,142	FALSE
0,006	0,295	0,000	0,006	0,012	FALSE
-0,086	0,304	-0,004	0,012	0,121	FALSE
-0,011	0,311	0,000	0,007	0,018	FALSE
0,048	0,309	0,002	0,011	0,064	FALSE
-0,096	0,317	-0,004	0,012	0,115	FALSE
0,013	0,316	0,000	0,007	0,023	FALSE
-0,097	0,304	-0,002	0,007	0,095	FALSE
0,101	0,318	0,002	0,008	0,121	FALSE
0,069	0,314	0,002	0,007	0,083	FALSE
-0,076	0,313	-0,002	0,006	0,098	FALSE
-0,013	0,311	0,000	0,007	0,010	FALSE
-0,033	0,297	-0,001	0,008	0,035	FALSE
0,002	0,307	-0,001	0,013	0,019	FALSE
0,030	0,296	0,000	0,006	0,012	FALSE

0,026	0,308	0,001	0,007	0,027	FALSE
0,003	0,308	-0,001	0,012	0,016	FALSE
-0,008	0,305	0,000	0,009	0,004	FALSE
-0,135	0,311	-0,004	0,009	0,184	FALSE
-0,034	0,319	-0,002	0,013	0,055	FALSE
-0,044	0,296	-0,001	0,008	0,048	FALSE
-0,005	0,291	0,000	0,007	0,016	FALSE
-0,061	0,304	-0,002	0,007	0,088	FALSE
-0,114	0,304	-0,003	0,007	0,172	FALSE
-0,095	0,303	-0,003	0,007	0,140	FALSE
0,061	0,301	0,002	0,008	0,072	FALSE
-0,050	0,308	-0,004	0,013	0,108	FALSE
-0,074	0,316	-0,004	0,013	0,126	FALSE
0,014	0,310	0,000	0,013	0,002	FALSE
-0,067	0,306	-0,003	0,013	0,086	FALSE
-0,018	0,303	0,000	0,008	0,001	FALSE
-0,052	0,308	-0,002	0,013	0,053	FALSE
0,089	0,299	0,003	0,008	0,128	FALSE
-0,097	0,300	-0,001	0,007	0,082	FALSE
0,007	0,303	0,000	0,006	0,009	FALSE
0,057	0,307	0,001	0,009	0,044	FALSE
0,093	0,296	0,002	0,011	0,084	FALSE
0,048	0,306	0,002	0,012	0,062	FALSE
0,057	0,307	0,002	0,009	0,066	FALSE
0,072	0,313	0,002	0,007	0,087	FALSE
-0,007	0,299	0,001	0,010	0,019	FALSE
-0,016	0,300	0,000	0,012	0,014	FALSE
-0,052	0,297	-0,002	0,012	0,048	FALSE
0,157	0,297	0,005	0,008	0,257	FALSE
0,027	0,324	0,001	0,007	0,039	FALSE
-0,090	0,302	-0,002	0,008	0,097	FALSE
-0,073	0,296	-0,002	0,009	0,105	FALSE
-0,055	0,310	-0,001	0,007	0,056	FALSE
-0,168	0,292	-0,005	0,008	0,272	FALSE
-0,023	0,307	0,000	0,006	0,005	FALSE
0,137	0,300	0,004	0,010	0,171	FALSE
-0,231	0,294	-0,009	0,011	0,378	FALSE
0,150	0,306	0,006	0,013	0,208	FALSE
0,073	0,305	0,002	0,011	0,053	FALSE
0,117	0,301	0,003	0,009	0,155	FALSE
-0,083	0,299	-0,003	0,008	0,123	FALSE
-0,089	0,290	-0,002	0,008	0,092	FALSE
-0,161	0,302	-0,004	0,008	0,224	FALSE
0,014	0,309	0,000	0,012	0,003	FALSE
-0,037	0,296	-0,001	0,011	0,047	FALSE
0,071	0,319	0,002	0,012	0,076	FALSE
0,070	0,318	0,003	0,010	0,103	FALSE
0,060	0,313	0,001	0,007	0,067	FALSE
0,015	0,314	0,000	0,013	0,010	FALSE
-0,117	0,298	-0,004	0,008	0,194	FALSE
-0,051	0,321	-0,002	0,009	0,099	FALSE
0,127	0,296	0,002	0,007	0,136	FALSE
0,024	0,307	0,001	0,012	0,033	FALSE

-0,059	0,296	-0,002	0,009	0,063	FALSE
-0,120	0,293	-0,002	0,007	0,139	FALSE
-0,037	0,308	-0,001	0,008	0,038	FALSE
-0,169	0,303	-0,007	0,012	0,255	FALSE
0,049	0,290	0,001	0,011	0,041	FALSE
0,138	0,301	0,004	0,008	0,227	FALSE
0,055	0,302	0,002	0,007	0,078	FALSE
-0,050	0,310	-0,001	0,009	0,038	FALSE
-0,064	0,299	-0,002	0,007	0,090	FALSE
-0,145	0,298	-0,006	0,012	0,202	FALSE
0,134	0,301	0,004	0,012	0,150	FALSE
0,039	0,307	0,001	0,008	0,032	FALSE
0,170	0,294	0,005	0,009	0,230	FALSE
-0,042	0,305	-0,001	0,007	0,034	FALSE
0,047	0,296	0,002	0,011	0,070	FALSE
0,068	0,302	0,002	0,009	0,091	FALSE
-0,023	0,304	-0,001	0,013	0,024	FALSE
0,135	0,310	0,005	0,011	0,171	FALSE
0,108	0,314	0,003	0,008	0,138	FALSE
-0,040	0,314	-0,002	0,013	0,044	FALSE
0,029	0,296	0,000	0,013	0,014	FALSE
-0,056	0,320	-0,002	0,009	0,066	FALSE
0,101	0,307	0,002	0,007	0,127	FALSE
0,063	0,299	0,002	0,009	0,069	FALSE
-0,127	0,314	-0,005	0,011	0,172	FALSE
-0,138	0,303	-0,005	0,010	0,193	FALSE
-0,119	0,290	-0,004	0,011	0,169	FALSE
-0,133	0,291	-0,005	0,010	0,200	FALSE
0,039	0,320	0,001	0,008	0,035	FALSE
-0,013	0,306	0,000	0,009	0,005	FALSE
-0,104	0,300	-0,004	0,013	0,127	FALSE
0,026	0,314	0,000	0,013	0,013	FALSE
-0,096	0,305	-0,005	0,013	0,145	FALSE
-0,003	0,313	0,000	0,013	0,003	FALSE
0,088	0,300	0,001	0,007	0,081	FALSE
-0,021	0,316	0,000	0,009	0,012	FALSE
-0,043	0,299	-0,001	0,009	0,043	FALSE
-0,062	0,309	-0,001	0,007	0,072	FALSE
0,045	0,297	0,001	0,007	0,071	FALSE
-0,098	0,304	-0,003	0,009	0,146	FALSE
-0,038	0,310	-0,001	0,008	0,032	FALSE
-0,068	0,307	-0,002	0,009	0,092	FALSE
-0,040	0,306	-0,002	0,012	0,053	FALSE
-0,170	0,297	-0,005	0,009	0,230	FALSE
-0,044	0,304	-0,001	0,011	0,046	FALSE
-0,036	0,317	-0,001	0,011	0,033	FALSE
0,157	0,311	0,006	0,012	0,213	FALSE
-0,177	0,322	-0,007	0,012	0,236	FALSE
-0,022	0,312	-0,001	0,010	0,027	FALSE
-0,039	0,326	-0,001	0,012	0,042	FALSE
-0,007	0,327	-0,001	0,011	0,024	FALSE
0,080	0,299	0,004	0,013	0,141	FALSE
-0,015	0,307	-0,001	0,012	0,019	FALSE

0,063	0,292	0,002	0,007	0,113	FALSE
0,164	0,308	0,006	0,013	0,192	FALSE
-0,041	0,297	-0,001	0,006	0,049	FALSE
0,008	0,318	0,001	0,009	0,022	FALSE
0,033	0,313	0,000	0,007	0,024	FALSE
-0,050	0,308	-0,001	0,007	0,040	FALSE
-0,039	0,301	0,000	0,007	0,024	FALSE
-0,011	0,321	-0,001	0,007	0,030	FALSE
0,027	0,329	0,002	0,010	0,063	FALSE
-0,108	0,302	-0,002	0,006	0,110	FALSE
0,014	0,317	0,001	0,007	0,037	FALSE
0,092	0,311	0,004	0,013	0,143	FALSE
0,007	0,307	0,000	0,007	0,023	FALSE
-0,141	0,305	-0,003	0,006	0,192	FALSE
-0,144	0,297	-0,003	0,006	0,205	FALSE
-0,018	0,324	-0,001	0,012	0,034	FALSE
-0,120	0,303	-0,002	0,007	0,110	FALSE
0,031	0,307	0,001	0,009	0,038	FALSE
-0,001	0,301	0,000	0,011	0,000	FALSE
-0,142	0,303	-0,004	0,008	0,213	FALSE
-0,052	0,309	-0,003	0,012	0,084	FALSE
-0,130	0,301	-0,003	0,006	0,171	FALSE
-0,059	0,308	-0,002	0,011	0,078	FALSE
0,028	0,307	0,001	0,009	0,043	FALSE
-0,086	0,294	-0,002	0,007	0,116	FALSE
-0,149	0,293	-0,007	0,013	0,238	FALSE
-0,160	0,296	-0,007	0,013	0,235	FALSE
-0,171	0,298	-0,005	0,008	0,284	FALSE
-0,133	0,301	-0,004	0,008	0,203	FALSE
0,100	0,311	0,003	0,009	0,144	FALSE
0,022	0,308	0,001	0,009	0,043	FALSE
0,143	0,295	0,006	0,011	0,215	FALSE
0,144	0,308	0,006	0,012	0,214	FALSE
-0,028	0,298	-0,002	0,010	0,054	FALSE
-0,169	0,306	-0,005	0,009	0,224	FALSE
0,000	0,306	0,000	0,007	0,003	FALSE
0,021	0,283	0,000	0,012	0,002	FALSE
-0,023	0,302	-0,001	0,008	0,034	FALSE
-0,012	0,296	0,000	0,008	0,018	FALSE
0,147	0,312	0,004	0,010	0,165	FALSE
-0,085	0,288	-0,003	0,010	0,133	FALSE
0,055	0,306	0,002	0,009	0,060	FALSE
-0,069	0,309	-0,002	0,011	0,081	FALSE
0,123	0,310	0,005	0,012	0,163	FALSE
0,036	0,297	0,000	0,007	0,023	FALSE
-0,048	0,322	-0,002	0,010	0,065	FALSE
0,016	0,297	0,000	0,007	0,009	FALSE
0,075	0,311	0,002	0,011	0,077	FALSE
0,092	0,297	0,003	0,010	0,125	FALSE
0,056	0,301	0,001	0,007	0,054	FALSE
0,042	0,300	0,001	0,007	0,041	FALSE
-0,152	0,317	-0,003	0,008	0,159	FALSE
0,015	0,308	0,001	0,008	0,032	FALSE

0,089	0,297	0,002	0,006	0,095	FALSE
-0,032	0,298	0,000	0,007	0,001	FALSE
-0,082	0,305	-0,002	0,006	0,096	FALSE
0,094	0,307	0,003	0,012	0,103	FALSE
-0,027	0,301	0,000	0,007	0,015	FALSE
0,031	0,307	0,002	0,009	0,071	FALSE
-0,033	0,300	-0,001	0,009	0,042	FALSE
-0,051	0,308	-0,001	0,007	0,070	FALSE
0,032	0,307	0,000	0,010	0,005	FALSE
0,021	0,312	0,002	0,012	0,064	FALSE
0,126	0,296	0,002	0,007	0,128	FALSE
-0,040	0,310	-0,001	0,007	0,076	FALSE
-0,077	0,314	-0,002	0,008	0,109	FALSE
0,012	0,314	0,000	0,010	0,005	FALSE
0,117	0,311	0,003	0,007	0,164	FALSE
-0,107	0,311	-0,002	0,007	0,148	FALSE
0,066	0,304	0,003	0,012	0,083	FALSE
0,049	0,313	0,002	0,010	0,072	FALSE
-0,123	0,305	-0,004	0,009	0,161	FALSE
0,058	0,303	0,001	0,008	0,044	FALSE
-0,067	0,292	-0,001	0,006	0,060	FALSE
0,102	0,308	0,003	0,007	0,161	FALSE
-0,017	0,314	-0,002	0,010	0,057	FALSE
-0,090	0,298	-0,001	0,007	0,078	FALSE
0,059	0,296	0,003	0,011	0,095	FALSE
-0,176	0,304	-0,004	0,006	0,257	FALSE
-0,028	0,298	-0,001	0,012	0,021	FALSE
0,100	0,302	0,002	0,007	0,136	FALSE
-0,179	0,295	-0,004	0,006	0,244	FALSE
-0,116	0,321	-0,005	0,013	0,146	FALSE
0,051	0,306	0,001	0,006	0,045	FALSE
-0,122	0,309	-0,003	0,007	0,164	FALSE
-0,068	0,308	-0,001	0,006	0,068	FALSE
-0,066	0,306	-0,003	0,010	0,095	FALSE
0,013	0,302	0,001	0,009	0,030	FALSE
0,016	0,321	0,001	0,010	0,021	FALSE
-0,029	0,295	-0,001	0,012	0,036	FALSE
-0,045	0,307	-0,001	0,007	0,043	FALSE
-0,129	0,306	-0,006	0,012	0,193	FALSE
0,126	0,305	0,003	0,007	0,170	FALSE
-0,166	0,300	-0,006	0,010	0,265	FALSE
0,050	0,313	0,002	0,012	0,056	FALSE
0,011	0,298	0,000	0,012	0,008	FALSE
0,067	0,310	0,001	0,007	0,069	FALSE
0,122	0,300	0,004	0,011	0,141	FALSE
0,081	0,306	0,002	0,007	0,098	FALSE
0,035	0,320	0,001	0,008	0,024	FALSE
0,097	0,302	0,004	0,013	0,137	FALSE
0,009	0,305	0,000	0,012	0,006	FALSE
0,101	0,294	0,003	0,013	0,095	FALSE
0,115	0,282	0,004	0,013	0,105	FALSE
0,096	0,286	0,003	0,012	0,081	FALSE
-0,008	0,315	-0,001	0,007	0,033	FALSE

0,029	0,302	0,001	0,007	0,029	FALSE
-0,118	0,295	-0,004	0,009	0,169	FALSE
0,265	0,287	0,010	0,011	0,403	FALSE
0,077	0,293	0,002	0,007	0,090	FALSE
0,104	0,307	0,003	0,007	0,151	FALSE
0,110	0,298	0,003	0,009	0,107	FALSE
0,044	0,313	0,001	0,012	0,031	FALSE
0,074	0,297	0,002	0,012	0,072	FALSE
0,028	0,313	0,001	0,007	0,044	FALSE
-0,007	0,306	0,000	0,009	0,010	FALSE
-0,052	0,327	-0,002	0,010	0,063	FALSE
-0,107	0,312	-0,003	0,008	0,142	FALSE
-0,110	0,307	-0,003	0,008	0,133	FALSE
0,098	0,300	0,003	0,011	0,121	FALSE
0,042	0,316	0,002	0,010	0,075	FALSE
-0,117	0,308	-0,003	0,008	0,142	FALSE
-0,190	0,305	-0,008	0,012	0,306	FALSE
0,111	0,304	0,006	0,012	0,196	FALSE
-0,020	0,312	0,000	0,008	0,006	FALSE
0,000	0,307	0,000	0,008	0,011	FALSE
0,113	0,299	0,002	0,006	0,152	FALSE
0,074	0,304	0,003	0,013	0,074	FALSE
0,192	0,304	0,006	0,010	0,289	FALSE
-0,030	0,298	-0,001	0,007	0,052	FALSE
0,109	0,311	0,004	0,012	0,138	FALSE
0,103	0,307	0,004	0,012	0,127	FALSE
-0,023	0,320	0,000	0,008	0,010	FALSE
-0,059	0,309	-0,001	0,006	0,079	FALSE
0,053	0,309	0,002	0,010	0,076	FALSE
-0,046	0,312	-0,001	0,012	0,019	FALSE
-0,028	0,303	-0,001	0,007	0,042	FALSE
-0,040	0,300	-0,001	0,007	0,053	FALSE
0,004	0,299	0,001	0,012	0,042	FALSE
0,070	0,298	0,002	0,010	0,074	FALSE
-0,076	0,324	-0,002	0,008	0,096	FALSE
-0,075	0,305	-0,002	0,009	0,088	FALSE
-0,081	0,301	-0,002	0,006	0,104	FALSE
0,204	0,291	0,008	0,010	0,416	FALSE
0,190	0,295	0,008	0,010	0,373	FALSE
0,234	0,284	0,010	0,010	0,487	FALSE
0,005	0,308	0,000	0,013	0,001	FALSE
0,216	0,291	0,009	0,011	0,382	FALSE
0,193	0,295	0,008	0,012	0,308	FALSE
-0,177	0,316	-0,004	0,007	0,269	FALSE
0,153	0,310	0,004	0,007	0,226	FALSE
0,161	0,305	0,004	0,006	0,268	FALSE
-0,047	0,295	-0,002	0,012	0,074	FALSE
-0,088	0,289	-0,004	0,012	0,147	FALSE
0,156	0,312	0,007	0,013	0,226	FALSE
-0,044	0,321	-0,001	0,008	0,054	FALSE
-0,083	0,306	-0,003	0,009	0,134	FALSE
0,074	0,314	0,003	0,011	0,119	FALSE
-0,010	0,310	0,000	0,009	0,014	FALSE

0,027	0,312	0,000	0,010	0,011	FALSE
0,030	0,307	0,001	0,008	0,048	FALSE
-0,046	0,307	-0,001	0,008	0,044	FALSE
0,105	0,318	0,003	0,008	0,143	FALSE
-0,136	0,297	-0,003	0,006	0,176	FALSE
-0,083	0,294	-0,002	0,006	0,111	FALSE
-0,018	0,298	0,000	0,007	0,023	FALSE
-0,067	0,294	-0,001	0,007	0,081	FALSE
-0,026	0,307	-0,001	0,008	0,041	FALSE
-0,035	0,305	0,000	0,007	0,027	FALSE
0,017	0,303	0,001	0,009	0,021	FALSE
-0,067	0,316	-0,002	0,010	0,089	FALSE
0,058	0,299	0,003	0,011	0,095	FALSE
-0,036	0,306	0,000	0,009	0,013	FALSE
0,042	0,301	0,003	0,013	0,082	FALSE
0,135	0,301	0,004	0,008	0,214	FALSE
-0,035	0,300	-0,003	0,013	0,087	FALSE
0,094	0,310	0,004	0,013	0,114	FALSE
-0,066	0,303	-0,001	0,006	0,071	FALSE
0,092	0,301	0,004	0,012	0,134	FALSE
-0,080	0,314	-0,002	0,007	0,082	FALSE
0,010	0,307	0,000	0,011	0,015	FALSE
-0,006	0,300	0,000	0,011	0,000	FALSE
-0,028	0,310	-0,001	0,010	0,028	FALSE
-0,077	0,310	-0,003	0,012	0,086	FALSE
0,019	0,322	0,000	0,010	0,015	FALSE
-0,045	0,301	-0,001	0,007	0,070	FALSE
-0,010	0,306	-0,001	0,007	0,030	FALSE
0,068	0,298	0,001	0,009	0,047	FALSE
-0,018	0,303	0,000	0,007	0,010	FALSE
0,132	0,312	0,004	0,008	0,190	FALSE
-0,039	0,314	-0,001	0,009	0,024	FALSE
0,035	0,311	0,000	0,007	0,019	FALSE
-0,043	0,298	-0,001	0,006	0,084	FALSE
-0,162	0,301	-0,004	0,008	0,217	FALSE
-0,111	0,319	-0,003	0,011	0,113	FALSE
0,096	0,296	0,002	0,008	0,098	FALSE
0,022	0,302	0,001	0,011	0,037	FALSE
-0,071	0,308	-0,003	0,013	0,089	FALSE
0,063	0,289	0,002	0,008	0,073	FALSE
-0,110	0,307	-0,005	0,013	0,149	FALSE
0,076	0,300	0,002	0,007	0,088	FALSE
-0,061	0,306	-0,002	0,007	0,088	FALSE
-0,019	0,303	0,000	0,008	0,016	FALSE
-0,014	0,309	0,000	0,008	0,001	FALSE
0,148	0,318	0,003	0,007	0,190	FALSE
0,133	0,306	0,005	0,013	0,163	FALSE
-0,074	0,327	-0,002	0,008	0,074	FALSE
0,069	0,313	0,002	0,007	0,085	FALSE
0,221	0,291	0,008	0,012	0,309	FALSE
0,038	0,313	0,002	0,013	0,047	FALSE
0,017	0,303	0,001	0,007	0,050	FALSE
-0,053	0,308	-0,002	0,012	0,066	FALSE

-0,069	0,302	-0,002	0,007	0,111	FALSE
-0,097	0,313	-0,003	0,010	0,116	FALSE
0,038	0,321	0,001	0,013	0,027	FALSE
0,174	0,307	0,003	0,007	0,210	FALSE
0,020	0,309	0,000	0,011	0,008	FALSE
-0,039	0,320	-0,001	0,007	0,050	FALSE
-0,185	0,291	-0,005	0,009	0,272	FALSE
0,159	0,310	0,007	0,012	0,233	FALSE
-0,119	0,305	-0,003	0,008	0,160	FALSE
0,010	0,319	0,000	0,007	0,009	FALSE
-0,050	0,302	-0,001	0,007	0,047	FALSE
-0,184	0,315	-0,006	0,009	0,277	FALSE
0,036	0,308	0,001	0,012	0,031	FALSE
0,141	0,318	0,004	0,010	0,186	FALSE
0,070	0,312	0,003	0,009	0,118	FALSE
0,003	0,316	0,000	0,006	0,002	FALSE
0,032	0,308	0,002	0,010	0,055	FALSE
0,148	0,301	0,005	0,009	0,206	FALSE
-0,046	0,290	-0,001	0,009	0,057	FALSE
-0,018	0,294	-0,001	0,012	0,019	FALSE
0,011	0,301	0,000	0,011	0,005	FALSE
-0,149	0,308	-0,004	0,008	0,208	FALSE
0,005	0,311	0,001	0,010	0,025	FALSE
-0,170	0,316	-0,005	0,010	0,217	FALSE
0,085	0,310	0,004	0,013	0,112	FALSE
-0,035	0,302	-0,002	0,011	0,067	FALSE
-0,003	0,326	-0,001	0,008	0,031	FALSE
0,061	0,319	0,001	0,007	0,054	FALSE
-0,071	0,310	-0,002	0,009	0,104	FALSE
-0,029	0,310	-0,001	0,012	0,040	FALSE
0,016	0,304	0,001	0,008	0,024	FALSE
0,095	0,306	0,002	0,008	0,090	FALSE
-0,009	0,292	-0,001	0,013	0,021	FALSE
0,002	0,319	0,000	0,007	0,016	FALSE
0,076	0,302	0,002	0,011	0,073	FALSE
-0,099	0,311	-0,002	0,007	0,117	FALSE
-0,024	0,304	-0,001	0,011	0,029	FALSE
-0,039	0,306	-0,002	0,009	0,089	FALSE
-0,007	0,300	0,000	0,007	0,010	FALSE
0,014	0,298	0,001	0,008	0,055	FALSE
-0,070	0,297	-0,001	0,007	0,052	FALSE
0,088	0,303	0,003	0,010	0,134	FALSE
-0,225	0,317	-0,009	0,012	0,340	FALSE
-0,032	0,306	-0,001	0,009	0,022	FALSE
0,070	0,320	0,002	0,010	0,072	FALSE
-0,063	0,311	-0,002	0,012	0,053	FALSE
0,056	0,299	0,002	0,009	0,081	FALSE
0,046	0,310	0,002	0,009	0,073	FALSE
0,097	0,311	0,003	0,009	0,131	FALSE
0,120	0,310	0,005	0,013	0,154	FALSE
0,118	0,308	0,003	0,007	0,159	FALSE
0,013	0,314	0,000	0,010	0,000	FALSE
-0,124	0,316	-0,004	0,009	0,165	FALSE

-0,038	0,316	-0,001	0,010	0,053	FALSE
-0,010	0,307	0,000	0,009	0,008	FALSE
-0,074	0,300	-0,003	0,011	0,096	FALSE
0,077	0,301	0,003	0,010	0,105	FALSE
0,103	0,318	0,003	0,008	0,130	FALSE
0,000	0,307	0,000	0,011	0,012	FALSE
0,006	0,323	0,001	0,012	0,019	FALSE
0,085	0,299	0,002	0,007	0,114	FALSE
-0,029	0,307	0,000	0,007	0,020	FALSE
0,055	0,316	0,002	0,011	0,085	FALSE
-0,030	0,314	-0,001	0,008	0,028	FALSE
0,057	0,303	0,002	0,013	0,046	FALSE
0,057	0,315	0,003	0,013	0,082	FALSE
0,132	0,302	0,005	0,011	0,163	FALSE
-0,047	0,305	-0,002	0,008	0,083	FALSE
-0,068	0,297	-0,001	0,008	0,062	FALSE
0,032	0,307	0,001	0,010	0,044	FALSE
-0,009	0,306	0,000	0,008	0,011	FALSE
0,062	0,305	0,002	0,010	0,088	FALSE
-0,009	0,317	0,000	0,011	0,009	FALSE
-0,079	0,307	-0,004	0,013	0,129	FALSE
0,030	0,299	0,001	0,007	0,042	FALSE
0,014	0,316	0,000	0,008	0,005	FALSE
-0,099	0,305	-0,004	0,011	0,132	FALSE
0,075	0,303	0,003	0,013	0,092	FALSE
-0,053	0,298	-0,002	0,013	0,067	FALSE
-0,012	0,307	0,000	0,007	0,016	FALSE
0,019	0,301	0,000	0,007	0,018	FALSE
-0,056	0,303	-0,001	0,007	0,074	FALSE
0,092	0,288	0,003	0,009	0,137	FALSE
0,034	0,310	0,001	0,008	0,042	FALSE
0,067	0,294	0,002	0,009	0,080	FALSE
-0,038	0,306	-0,001	0,008	0,041	FALSE
0,048	0,302	0,001	0,008	0,068	FALSE
0,100	0,301	0,005	0,011	0,176	FALSE
-0,015	0,307	-0,001	0,013	0,024	FALSE
0,008	0,314	0,000	0,007	0,005	FALSE
0,048	0,297	0,003	0,012	0,083	FALSE
-0,094	0,312	-0,002	0,008	0,108	FALSE
0,081	0,317	0,002	0,009	0,079	FALSE
-0,013	0,305	0,000	0,007	0,002	FALSE
0,058	0,304	0,002	0,009	0,085	FALSE
-0,039	0,316	-0,001	0,010	0,041	FALSE
0,122	0,301	0,003	0,007	0,160	FALSE
0,080	0,308	0,003	0,012	0,081	FALSE
0,130	0,315	0,003	0,008	0,156	FALSE
0,132	0,302	0,003	0,008	0,165	FALSE
0,011	0,311	0,001	0,011	0,022	FALSE
0,094	0,308	0,005	0,013	0,165	FALSE
0,160	0,291	0,005	0,011	0,213	FALSE
0,114	0,304	0,004	0,008	0,180	FALSE
-0,065	0,290	-0,002	0,007	0,104	FALSE
0,014	0,325	0,001	0,010	0,023	FALSE

-0,110	0,290	-0,002	0,006	0,114	FALSE
-0,024	0,309	-0,001	0,007	0,032	FALSE
0,108	0,310	0,002	0,006	0,145	FALSE
0,020	0,302	0,001	0,009	0,023	FALSE
-0,109	0,305	-0,004	0,009	0,171	FALSE
0,007	0,295	0,001	0,009	0,034	FALSE
-0,050	0,307	-0,002	0,012	0,047	FALSE
-0,010	0,312	0,000	0,007	0,006	FALSE
-0,129	0,310	-0,003	0,008	0,160	FALSE
-0,070	0,306	-0,002	0,013	0,066	FALSE
-0,022	0,322	-0,001	0,011	0,030	FALSE
-0,052	0,305	-0,002	0,009	0,067	FALSE
0,045	0,312	0,002	0,012	0,055	FALSE
-0,035	0,295	-0,002	0,009	0,068	FALSE
0,007	0,312	0,000	0,010	0,005	FALSE
-0,174	0,295	-0,005	0,010	0,240	FALSE
0,058	0,305	0,003	0,010	0,101	FALSE
-0,047	0,304	-0,001	0,007	0,070	FALSE
-0,062	0,304	-0,001	0,007	0,068	FALSE
0,140	0,311	0,003	0,007	0,200	FALSE
-0,057	0,306	-0,003	0,013	0,104	FALSE
-0,083	0,303	-0,005	0,013	0,173	FALSE
0,058	0,298	0,002	0,010	0,077	FALSE
-0,070	0,288	-0,003	0,012	0,099	FALSE
-0,168	0,312	-0,004	0,008	0,238	FALSE
-0,089	0,310	-0,003	0,009	0,114	FALSE
0,030	0,298	0,000	0,007	0,011	FALSE
0,108	0,300	0,005	0,012	0,184	FALSE
0,003	0,309	0,000	0,007	0,012	FALSE
-0,010	0,306	0,000	0,007	0,004	FALSE
0,011	0,304	-0,001	0,012	0,020	FALSE
0,149	0,289	0,007	0,012	0,242	FALSE
-0,015	0,296	-0,001	0,007	0,048	FALSE
-0,002	0,300	0,000	0,010	0,009	FALSE
-0,024	0,325	-0,001	0,013	0,035	FALSE
0,027	0,319	0,001	0,009	0,029	FALSE
0,056	0,292	0,002	0,007	0,103	FALSE
0,019	0,310	0,000	0,008	0,012	FALSE
0,043	0,317	0,002	0,012	0,059	FALSE
-0,197	0,281	-0,005	0,006	0,334	FALSE
0,092	0,311	0,004	0,011	0,126	FALSE
0,156	0,325	0,006	0,012	0,205	FALSE
0,125	0,313	0,005	0,012	0,174	FALSE
0,109	0,316	0,002	0,008	0,122	FALSE
0,018	0,309	0,002	0,013	0,049	FALSE
-0,018	0,297	0,000	0,012	0,001	FALSE
-0,115	0,296	-0,004	0,012	0,139	FALSE
0,043	0,308	0,001	0,008	0,048	FALSE
0,006	0,310	0,000	0,007	0,012	FALSE
0,046	0,300	0,001	0,009	0,042	FALSE
0,036	0,312	0,001	0,006	0,044	FALSE
0,062	0,298	0,003	0,010	0,103	FALSE
-0,007	0,298	-0,001	0,008	0,025	FALSE

-0,064	0,303	-0,002	0,009	0,092	FALSE
-0,037	0,298	-0,001	0,009	0,057	FALSE
-0,076	0,316	-0,002	0,010	0,090	FALSE
-0,020	0,305	-0,002	0,012	0,057	FALSE
0,000	0,302	-0,001	0,012	0,022	FALSE
-0,051	0,307	-0,001	0,007	0,059	FALSE
-0,100	0,304	-0,003	0,008	0,134	FALSE
0,030	0,305	0,001	0,012	0,043	FALSE
-0,085	0,316	-0,001	0,007	0,078	FALSE
0,105	0,304	0,002	0,007	0,123	FALSE
-0,030	0,304	0,000	0,007	0,021	FALSE
0,004	0,303	0,000	0,010	0,006	FALSE
0,008	0,312	0,000	0,009	0,018	FALSE
0,092	0,317	0,003	0,008	0,146	FALSE
-0,012	0,316	-0,001	0,009	0,032	FALSE
-0,010	0,313	-0,001	0,009	0,024	FALSE
-0,012	0,307	0,000	0,007	0,015	FALSE
0,093	0,301	0,002	0,007	0,106	FALSE
0,020	0,312	0,001	0,012	0,021	FALSE
0,126	0,296	0,004	0,008	0,179	FALSE
-0,118	0,294	-0,004	0,009	0,162	FALSE
-0,032	0,308	-0,001	0,007	0,048	FALSE
0,006	0,304	0,000	0,008	0,012	FALSE
-0,077	0,313	-0,004	0,013	0,113	FALSE
-0,024	0,309	-0,001	0,011	0,032	FALSE
0,057	0,291	0,002	0,008	0,090	FALSE
0,080	0,305	0,003	0,009	0,116	FALSE
0,010	0,322	0,001	0,007	0,038	FALSE
-0,036	0,315	-0,002	0,012	0,049	FALSE
0,075	0,303	0,003	0,010	0,097	FALSE
-0,030	0,303	-0,001	0,007	0,077	FALSE
-0,094	0,305	-0,003	0,012	0,094	FALSE
0,053	0,293	0,001	0,010	0,030	FALSE
0,082	0,307	0,003	0,013	0,093	FALSE
0,059	0,301	0,002	0,006	0,099	FALSE
-0,066	0,307	-0,002	0,009	0,102	FALSE
-0,025	0,307	-0,001	0,007	0,054	FALSE
0,020	0,330	0,001	0,013	0,023	FALSE
0,015	0,309	0,001	0,012	0,023	FALSE
-0,021	0,306	-0,001	0,011	0,037	FALSE
-0,140	0,291	-0,005	0,010	0,214	FALSE
0,084	0,302	0,003	0,012	0,098	FALSE
-0,046	0,301	-0,002	0,011	0,053	FALSE
0,167	0,303	0,003	0,007	0,195	FALSE
0,019	0,304	0,001	0,011	0,033	FALSE
-0,068	0,321	-0,002	0,007	0,096	FALSE
0,106	0,304	0,003	0,008	0,152	FALSE
0,007	0,305	0,000	0,010	0,001	FALSE
0,098	0,309	0,003	0,008	0,128	FALSE
-0,051	0,314	-0,002	0,011	0,068	FALSE
-0,051	0,305	-0,004	0,013	0,115	FALSE
0,004	0,318	0,001	0,013	0,023	FALSE
0,055	0,307	0,001	0,007	0,043	FALSE

0,016	0,313	0,000	0,013	0,006	FALSE
0,191	0,312	0,005	0,008	0,250	FALSE
-0,062	0,304	-0,003	0,013	0,085	FALSE
0,224	0,291	0,006	0,008	0,335	FALSE
0,205	0,286	0,006	0,008	0,310	FALSE
0,013	0,305	0,000	0,010	0,000	FALSE
-0,014	0,308	0,000	0,011	0,011	FALSE
0,062	0,307	0,001	0,007	0,074	FALSE
-0,104	0,312	-0,002	0,007	0,114	FALSE
0,090	0,302	0,002	0,011	0,064	FALSE
0,071	0,300	0,002	0,007	0,080	FALSE
0,018	0,303	0,001	0,009	0,022	FALSE
-0,010	0,311	0,000	0,009	0,010	FALSE
-0,025	0,307	-0,001	0,007	0,033	FALSE
0,107	0,321	0,002	0,007	0,121	FALSE
0,029	0,309	0,000	0,012	0,011	FALSE
0,024	0,299	0,001	0,009	0,023	FALSE
0,117	0,300	0,005	0,013	0,169	FALSE
-0,012	0,298	-0,001	0,013	0,028	FALSE
0,021	0,291	0,001	0,007	0,036	FALSE
-0,036	0,327	-0,001	0,009	0,027	FALSE
0,020	0,304	0,000	0,007	0,006	FALSE
0,047	0,307	0,001	0,011	0,041	FALSE
0,190	0,305	0,004	0,007	0,219	FALSE
0,070	0,314	0,002	0,009	0,089	FALSE
-0,146	0,291	-0,005	0,010	0,193	FALSE
0,071	0,312	0,003	0,012	0,085	FALSE
-0,027	0,321	-0,001	0,011	0,043	FALSE
0,078	0,308	0,003	0,010	0,108	FALSE
0,002	0,320	0,001	0,009	0,036	FALSE
-0,119	0,306	-0,004	0,008	0,190	FALSE
0,123	0,312	0,003	0,009	0,120	FALSE
0,045	0,314	0,001	0,010	0,020	FALSE
0,061	0,307	0,001	0,010	0,047	FALSE
0,014	0,294	0,000	0,009	0,015	FALSE
-0,101	0,289	-0,003	0,010	0,122	FALSE
-0,101	0,302	-0,004	0,011	0,137	FALSE
-0,083	0,306	-0,002	0,007	0,093	FALSE
0,076	0,294	0,001	0,007	0,083	FALSE
0,098	0,325	0,002	0,007	0,137	FALSE
0,042	0,297	0,001	0,008	0,029	FALSE
-0,025	0,306	0,000	0,007	0,023	FALSE
0,046	0,315	0,001	0,008	0,040	FALSE
0,021	0,319	0,001	0,009	0,030	FALSE
0,048	0,310	0,002	0,012	0,053	FALSE
0,065	0,308	0,002	0,012	0,074	FALSE
0,042	0,315	0,002	0,009	0,066	FALSE
0,003	0,298	0,001	0,011	0,026	FALSE
-0,039	0,315	-0,001	0,007	0,031	FALSE
0,034	0,300	0,000	0,012	0,006	FALSE
0,054	0,316	0,002	0,013	0,044	FALSE
-0,080	0,316	-0,004	0,011	0,125	FALSE
0,025	0,317	0,001	0,009	0,036	FALSE

0,024	0,309	0,001	0,008	0,052	FALSE
-0,012	0,318	0,000	0,009	0,016	FALSE
-0,086	0,302	-0,002	0,007	0,111	FALSE
0,031	0,307	0,001	0,007	0,046	FALSE
0,033	0,310	0,000	0,009	0,012	FALSE
-0,011	0,309	0,000	0,013	0,013	FALSE
0,000	0,310	0,000	0,006	0,005	FALSE
0,001	0,317	0,000	0,010	0,001	FALSE
-0,148	0,288	-0,003	0,006	0,193	FALSE
-0,030	0,297	-0,001	0,007	0,038	FALSE
0,036	0,318	0,001	0,008	0,064	FALSE
0,010	0,300	0,001	0,008	0,026	FALSE
0,003	0,313	0,000	0,007	0,008	FALSE
0,007	0,307	0,000	0,007	0,005	FALSE
-0,020	0,321	0,000	0,007	0,022	FALSE
0,067	0,312	0,002	0,007	0,084	FALSE
-0,034	0,312	0,000	0,008	0,022	FALSE
0,064	0,301	0,002	0,010	0,092	FALSE
0,014	0,317	0,000	0,010	0,009	FALSE
-0,015	0,316	0,000	0,009	0,016	FALSE
-0,052	0,306	-0,001	0,008	0,064	FALSE
0,081	0,315	0,002	0,008	0,117	FALSE
0,054	0,317	0,002	0,011	0,077	FALSE
-0,046	0,308	-0,001	0,009	0,038	FALSE
0,043	0,314	0,001	0,007	0,048	FALSE
0,092	0,302	0,004	0,012	0,110	FALSE
-0,149	0,309	-0,003	0,006	0,193	FALSE
-0,124	0,303	-0,004	0,010	0,158	FALSE
-0,061	0,301	-0,002	0,007	0,082	FALSE
-0,047	0,299	-0,001	0,007	0,072	FALSE
0,169	0,296	0,005	0,010	0,228	FALSE
0,026	0,311	0,001	0,009	0,048	FALSE
-0,028	0,320	-0,001	0,008	0,044	FALSE
-0,061	0,310	-0,001	0,009	0,060	FALSE
-0,033	0,306	-0,002	0,010	0,057	FALSE
0,045	0,303	0,001	0,011	0,048	FALSE
-0,010	0,311	0,000	0,009	0,016	FALSE
-0,004	0,313	0,001	0,011	0,031	FALSE
-0,001	0,305	-0,001	0,007	0,031	FALSE
0,079	0,312	0,001	0,007	0,083	FALSE
-0,060	0,301	-0,003	0,012	0,086	FALSE
0,025	0,318	0,001	0,010	0,055	FALSE
-0,066	0,311	-0,002	0,007	0,084	FALSE
0,073	0,309	0,002	0,008	0,094	FALSE
0,095	0,307	0,004	0,012	0,122	FALSE
-0,103	0,294	-0,002	0,010	0,097	FALSE
-0,047	0,318	-0,002	0,013	0,056	FALSE
0,074	0,320	0,002	0,013	0,065	FALSE
-0,157	0,286	-0,006	0,012	0,226	FALSE
-0,124	0,292	-0,006	0,012	0,188	FALSE
-0,049	0,310	-0,001	0,010	0,046	FALSE
-0,124	0,297	-0,003	0,008	0,143	FALSE
-0,031	0,302	-0,001	0,007	0,030	FALSE

0,020	0,310	0,000	0,012	0,011	FALSE
0,091	0,307	0,004	0,011	0,125	FALSE
-0,010	0,296	0,000	0,012	0,005	FALSE
-0,085	0,311	-0,002	0,010	0,100	FALSE
0,064	0,301	0,001	0,006	0,080	FALSE
-0,054	0,313	-0,003	0,013	0,081	FALSE
0,018	0,312	0,001	0,009	0,027	FALSE
-0,054	0,304	-0,002	0,010	0,079	FALSE
0,088	0,287	0,002	0,010	0,087	FALSE
-0,007	0,305	0,000	0,009	0,010	FALSE
-0,034	0,312	-0,001	0,007	0,044	FALSE
0,002	0,316	0,000	0,007	0,011	FALSE
0,027	0,313	0,000	0,008	0,017	FALSE
0,143	0,313	0,005	0,010	0,189	FALSE
-0,031	0,314	-0,001	0,007	0,036	FALSE
-0,187	0,306	-0,004	0,007	0,285	FALSE
0,030	0,307	0,001	0,010	0,039	FALSE
0,048	0,303	0,003	0,010	0,103	FALSE
-0,067	0,314	-0,002	0,008	0,079	FALSE
0,006	0,309	0,000	0,010	0,012	FALSE
0,019	0,310	0,000	0,007	0,024	FALSE
0,019	0,319	0,000	0,008	0,015	FALSE
-0,021	0,300	0,000	0,009	0,013	FALSE
-0,079	0,313	-0,003	0,011	0,094	FALSE
-0,010	0,300	0,000	0,006	0,009	FALSE
0,052	0,302	0,001	0,010	0,044	FALSE
-0,026	0,309	-0,001	0,011	0,047	FALSE
0,116	0,298	0,003	0,010	0,127	FALSE
0,062	0,314	0,002	0,007	0,112	FALSE
0,061	0,313	0,003	0,011	0,101	FALSE
-0,027	0,303	-0,001	0,009	0,058	FALSE
0,095	0,308	0,004	0,012	0,123	FALSE
-0,086	0,307	-0,002	0,007	0,097	FALSE
0,014	0,320	0,001	0,008	0,034	FALSE
0,045	0,304	0,001	0,007	0,071	FALSE
0,026	0,313	0,001	0,008	0,051	FALSE
0,079	0,308	0,002	0,008	0,108	FALSE
0,084	0,314	0,003	0,011	0,100	FALSE
-0,188	0,281	-0,006	0,008	0,323	FALSE
-0,073	0,304	-0,003	0,013	0,079	FALSE
-0,019	0,296	0,000	0,010	0,011	FALSE
0,066	0,314	0,002	0,008	0,072	FALSE
-0,140	0,309	-0,006	0,012	0,184	FALSE
-0,092	0,303	-0,003	0,011	0,114	FALSE
-0,076	0,286	-0,001	0,006	0,054	FALSE
-0,004	0,304	0,001	0,007	0,030	FALSE
-0,081	0,290	-0,003	0,009	0,144	FALSE
-0,063	0,301	-0,002	0,009	0,076	FALSE
-0,147	0,299	-0,003	0,007	0,208	FALSE
-0,057	0,303	-0,001	0,007	0,062	FALSE
0,033	0,301	0,001	0,013	0,021	FALSE
-0,053	0,290	-0,001	0,008	0,041	FALSE
-0,075	0,293	-0,002	0,012	0,069	FALSE

0,004	0,318	0,000	0,007	0,007	FALSE
0,046	0,300	0,001	0,007	0,051	FALSE
0,017	0,303	0,001	0,007	0,045	FALSE
0,018	0,310	0,001	0,006	0,037	FALSE
-0,066	0,318	-0,002	0,009	0,068	FALSE
0,043	0,307	0,003	0,012	0,086	FALSE
0,023	0,311	0,001	0,007	0,031	FALSE
0,042	0,306	0,002	0,011	0,058	FALSE
0,069	0,297	0,003	0,011	0,103	FALSE
0,043	0,300	0,002	0,012	0,049	FALSE
0,106	0,304	0,002	0,007	0,123	FALSE
0,036	0,311	0,001	0,008	0,042	FALSE
0,023	0,301	0,001	0,012	0,029	FALSE
-0,020	0,311	0,000	0,013	0,010	FALSE
0,026	0,302	0,000	0,006	0,020	FALSE
-0,030	0,303	-0,002	0,011	0,063	FALSE
-0,065	0,311	-0,001	0,007	0,067	FALSE
-0,039	0,309	-0,001	0,010	0,035	FALSE
-0,079	0,300	-0,002	0,007	0,101	FALSE
0,037	0,286	0,001	0,012	0,039	FALSE
-0,044	0,301	-0,001	0,008	0,066	FALSE
-0,009	0,311	0,000	0,013	0,002	FALSE
-0,038	0,310	-0,001	0,008	0,025	FALSE
-0,162	0,303	-0,003	0,006	0,189	FALSE
-0,071	0,298	-0,002	0,007	0,090	FALSE
-0,093	0,317	-0,002	0,008	0,118	FALSE
-0,053	0,302	-0,003	0,012	0,083	FALSE
-0,041	0,306	-0,001	0,013	0,038	FALSE
0,032	0,310	0,001	0,007	0,048	FALSE
-0,061	0,304	-0,002	0,011	0,082	FALSE
-0,036	0,315	0,000	0,008	0,020	FALSE
-0,066	0,310	-0,002	0,010	0,094	FALSE
-0,013	0,314	-0,001	0,012	0,016	FALSE
-0,068	0,321	-0,003	0,012	0,081	FALSE
0,062	0,322	0,001	0,008	0,066	FALSE
-0,108	0,316	-0,003	0,008	0,137	FALSE
-0,028	0,310	0,000	0,009	0,019	FALSE
0,063	0,304	0,002	0,012	0,059	FALSE
0,020	0,322	0,001	0,011	0,017	FALSE
-0,021	0,302	-0,001	0,013	0,020	FALSE
-0,007	0,307	0,000	0,012	0,011	FALSE
0,045	0,298	0,002	0,010	0,067	FALSE
-0,069	0,306	-0,001	0,006	0,087	FALSE
0,080	0,301	0,004	0,012	0,135	FALSE
-0,017	0,304	0,000	0,007	0,017	FALSE
-0,073	0,314	-0,003	0,012	0,104	FALSE
-0,149	0,309	-0,005	0,009	0,219	FALSE
-0,090	0,304	-0,003	0,012	0,113	FALSE
0,035	0,301	0,001	0,011	0,023	FALSE
0,017	0,307	0,001	0,010	0,026	FALSE
0,023	0,303	0,000	0,011	0,010	FALSE
-0,031	0,301	0,000	0,007	0,017	FALSE
-0,001	0,305	0,000	0,010	0,017	FALSE

-0,132	0,310	-0,003	0,008	0,159	FALSE
0,004	0,313	0,001	0,010	0,018	FALSE
-0,015	0,323	0,000	0,011	0,001	FALSE
0,028	0,295	0,001	0,007	0,040	FALSE
0,082	0,304	0,002	0,006	0,102	FALSE
-0,095	0,308	-0,002	0,007	0,110	FALSE
-0,106	0,299	-0,005	0,012	0,162	FALSE
0,012	0,310	0,000	0,007	0,018	FALSE
-0,012	0,309	0,000	0,007	0,006	FALSE
-0,061	0,300	-0,003	0,012	0,084	FALSE
0,094	0,318	0,003	0,008	0,133	FALSE
-0,024	0,301	0,000	0,007	0,004	FALSE
-0,031	0,309	0,000	0,007	0,020	FALSE
0,070	0,303	0,002	0,006	0,091	FALSE
0,032	0,311	0,001	0,008	0,043	FALSE
0,067	0,318	0,001	0,006	0,074	FALSE
0,085	0,314	0,002	0,007	0,116	FALSE
0,097	0,295	0,002	0,006	0,127	FALSE
0,101	0,309	0,004	0,013	0,120	FALSE
-0,015	0,310	-0,001	0,011	0,028	FALSE
-0,006	0,294	0,000	0,011	0,002	FALSE
0,080	0,323	0,001	0,009	0,057	FALSE
0,010	0,292	0,002	0,011	0,062	FALSE
-0,129	0,295	-0,005	0,011	0,168	FALSE
0,144	0,300	0,004	0,009	0,200	FALSE
-0,106	0,302	-0,004	0,011	0,158	FALSE
0,129	0,291	0,005	0,012	0,171	FALSE
-0,114	0,306	-0,005	0,012	0,161	FALSE
-0,111	0,302	-0,005	0,012	0,156	FALSE
-0,102	0,312	-0,004	0,012	0,129	FALSE
0,033	0,315	0,001	0,007	0,061	FALSE
0,101	0,310	0,002	0,008	0,112	FALSE
0,022	0,312	0,001	0,013	0,042	FALSE
0,052	0,317	0,001	0,007	0,062	FALSE
0,048	0,311	0,002	0,013	0,053	FALSE
0,000	0,295	0,000	0,010	0,006	FALSE
-0,007	0,304	0,000	0,013	0,012	FALSE
-0,028	0,308	-0,002	0,012	0,064	FALSE
0,090	0,307	0,003	0,010	0,099	FALSE
0,022	0,312	0,000	0,009	0,020	FALSE
0,023	0,314	0,001	0,008	0,032	FALSE
-0,005	0,305	0,000	0,009	0,012	FALSE
-0,043	0,304	-0,001	0,010	0,038	FALSE
-0,002	0,309	0,000	0,010	0,001	FALSE
0,090	0,307	0,003	0,013	0,097	FALSE
-0,004	0,296	0,000	0,010	0,000	FALSE
-0,021	0,309	0,000	0,007	0,010	FALSE
-0,016	0,299	0,000	0,012	0,001	FALSE
0,070	0,314	0,001	0,006	0,072	FALSE
-0,013	0,300	-0,001	0,012	0,045	FALSE
0,014	0,313	0,001	0,012	0,045	FALSE
-0,019	0,309	-0,001	0,007	0,037	FALSE
-0,021	0,310	-0,001	0,013	0,030	FALSE

0,070	0,308	0,002	0,007	0,111	FALSE
-0,083	0,302	-0,003	0,013	0,104	FALSE
0,035	0,300	0,001	0,007	0,051	FALSE
0,129	0,313	0,004	0,010	0,169	FALSE
0,064	0,304	0,001	0,012	0,040	FALSE
0,132	0,300	0,003	0,007	0,185	FALSE
-0,007	0,308	0,000	0,010	0,011	FALSE
-0,004	0,298	0,000	0,006	0,003	FALSE
-0,146	0,283	-0,004	0,008	0,199	FALSE
-0,038	0,314	-0,001	0,008	0,043	FALSE
-0,017	0,304	0,000	0,007	0,015	FALSE
-0,061	0,303	-0,002	0,007	0,088	FALSE
0,082	0,309	0,003	0,012	0,101	FALSE
0,020	0,309	0,001	0,009	0,051	FALSE
-0,075	0,308	-0,002	0,008	0,069	FALSE
0,073	0,300	0,002	0,008	0,096	FALSE
-0,031	0,312	0,000	0,009	0,019	FALSE
-0,044	0,305	-0,001	0,009	0,037	FALSE
-0,003	0,309	0,000	0,010	0,006	FALSE
-0,014	0,300	0,000	0,006	0,010	FALSE
-0,119	0,301	-0,003	0,009	0,139	FALSE
0,013	0,317	0,000	0,008	0,004	FALSE
0,109	0,296	0,004	0,008	0,173	FALSE
0,010	0,287	0,000	0,012	0,001	FALSE
0,145	0,294	0,004	0,007	0,203	FALSE
0,025	0,299	0,001	0,006	0,036	FALSE
-0,025	0,315	-0,002	0,010	0,055	FALSE
-0,038	0,308	-0,001	0,009	0,048	FALSE
0,055	0,308	0,003	0,012	0,079	FALSE
-0,100	0,309	-0,002	0,009	0,091	FALSE
-0,061	0,294	-0,002	0,008	0,085	FALSE
0,116	0,278	0,005	0,010	0,210	FALSE
-0,130	0,309	-0,004	0,009	0,159	FALSE
-0,009	0,305	0,000	0,009	0,013	FALSE
0,091	0,311	0,001	0,007	0,082	FALSE
-0,093	0,303	-0,003	0,010	0,138	FALSE
0,117	0,315	0,004	0,010	0,167	FALSE
-0,114	0,288	-0,003	0,007	0,181	FALSE
0,102	0,298	0,002	0,007	0,139	FALSE
0,006	0,297	0,000	0,007	0,014	FALSE
-0,024	0,303	-0,001	0,006	0,031	FALSE
-0,122	0,299	-0,003	0,007	0,186	FALSE
0,143	0,301	0,004	0,006	0,246	FALSE
0,003	0,307	0,000	0,008	0,014	FALSE
-0,003	0,303	0,000	0,007	0,016	FALSE
-0,020	0,317	0,000	0,011	0,003	FALSE
0,059	0,301	0,002	0,011	0,084	FALSE
0,054	0,295	0,001	0,008	0,066	FALSE
0,046	0,294	0,002	0,011	0,075	FALSE
0,006	0,304	0,000	0,009	0,005	FALSE
0,057	0,318	0,001	0,007	0,074	FALSE
0,056	0,310	0,002	0,006	0,101	FALSE
0,033	0,309	0,001	0,013	0,017	FALSE

0,038	0,301	0,003	0,011	0,092	FALSE
0,069	0,298	0,001	0,008	0,073	FALSE
0,031	0,299	0,001	0,009	0,061	FALSE
-0,100	0,303	-0,003	0,008	0,142	FALSE
0,101	0,295	0,004	0,012	0,119	FALSE
0,033	0,306	0,001	0,008	0,058	FALSE
-0,186	0,297	-0,008	0,012	0,294	FALSE
-0,145	0,309	-0,006	0,011	0,218	FALSE
-0,131	0,307	-0,006	0,013	0,177	FALSE
-0,107	0,311	-0,004	0,012	0,127	FALSE
0,072	0,303	0,003	0,010	0,102	FALSE
0,127	0,312	0,004	0,009	0,183	FALSE
-0,040	0,294	-0,001	0,006	0,049	FALSE
-0,109	0,308	-0,004	0,010	0,140	FALSE
-0,012	0,301	-0,001	0,007	0,037	FALSE
0,113	0,307	0,004	0,011	0,152	FALSE
-0,045	0,298	-0,002	0,010	0,082	FALSE
0,142	0,302	0,003	0,008	0,193	FALSE
0,051	0,313	0,001	0,007	0,074	FALSE
0,103	0,296	0,004	0,012	0,139	FALSE
-0,155	0,290	-0,004	0,008	0,227	FALSE
-0,108	0,308	-0,002	0,007	0,137	FALSE
-0,082	0,309	-0,004	0,013	0,106	FALSE
-0,079	0,307	-0,002	0,007	0,138	FALSE
-0,062	0,304	-0,001	0,007	0,078	FALSE
-0,022	0,301	-0,001	0,013	0,016	FALSE
0,095	0,290	0,003	0,012	0,097	FALSE
-0,175	0,306	-0,006	0,010	0,275	FALSE
-0,007	0,312	0,000	0,006	0,012	FALSE
-0,082	0,311	-0,002	0,007	0,079	FALSE
0,080	0,307	0,003	0,011	0,118	FALSE
0,088	0,301	0,002	0,008	0,128	FALSE
0,173	0,308	0,006	0,010	0,247	FALSE
-0,031	0,308	-0,001	0,007	0,043	FALSE
-0,044	0,312	-0,002	0,012	0,051	FALSE
0,069	0,322	0,002	0,008	0,106	FALSE
0,184	0,291	0,005	0,008	0,261	FALSE
0,018	0,292	0,001	0,006	0,058	FALSE
0,030	0,323	0,001	0,010	0,030	FALSE
0,058	0,310	0,002	0,011	0,075	FALSE
-0,040	0,298	-0,002	0,010	0,071	FALSE
-0,044	0,317	0,000	0,007	0,021	FALSE
0,106	0,311	0,002	0,008	0,102	FALSE
0,075	0,311	0,001	0,008	0,047	FALSE
0,079	0,316	0,002	0,008	0,096	FALSE
-0,049	0,315	-0,001	0,009	0,041	FALSE
0,039	0,317	0,001	0,013	0,027	FALSE
0,004	0,307	0,001	0,012	0,026	FALSE
-0,002	0,303	0,001	0,010	0,026	FALSE
-0,007	0,323	0,000	0,010	0,015	FALSE
-0,057	0,303	-0,002	0,012	0,056	FALSE
-0,054	0,321	-0,002	0,013	0,054	FALSE
-0,078	0,309	-0,003	0,012	0,089	FALSE

-0,014	0,311	0,000	0,013	0,001	FALSE
0,040	0,310	0,001	0,008	0,031	FALSE
0,044	0,314	0,001	0,009	0,035	FALSE
-0,209	0,290	-0,006	0,008	0,301	FALSE
0,105	0,316	0,004	0,010	0,157	FALSE
-0,125	0,313	-0,004	0,010	0,177	FALSE
-0,039	0,309	-0,001	0,007	0,076	FALSE
-0,055	0,300	-0,001	0,007	0,066	FALSE
-0,070	0,302	-0,002	0,007	0,090	FALSE
-0,050	0,316	-0,001	0,007	0,064	FALSE
-0,097	0,314	-0,004	0,012	0,149	FALSE
0,143	0,300	0,006	0,012	0,211	FALSE
0,050	0,294	0,001	0,008	0,054	FALSE
0,047	0,288	0,001	0,007	0,072	FALSE
-0,044	0,311	-0,001	0,007	0,048	FALSE
-0,060	0,305	-0,001	0,007	0,065	FALSE
-0,111	0,287	-0,005	0,010	0,209	FALSE
-0,114	0,290	-0,005	0,010	0,208	FALSE
-0,111	0,310	-0,003	0,007	0,136	FALSE
-0,083	0,303	-0,002	0,007	0,106	FALSE
0,023	0,312	0,000	0,010	0,008	FALSE
-0,131	0,297	-0,002	0,006	0,153	FALSE
-0,113	0,303	-0,004	0,009	0,164	FALSE
0,182	0,302	0,005	0,008	0,247	FALSE
0,053	0,315	0,002	0,011	0,074	FALSE
-0,017	0,320	0,000	0,009	0,001	FALSE
-0,040	0,314	-0,001	0,009	0,035	FALSE
0,010	0,309	0,000	0,012	0,004	FALSE
0,115	0,294	0,005	0,012	0,155	FALSE
-0,102	0,295	-0,005	0,012	0,154	FALSE
0,041	0,326	0,001	0,008	0,055	FALSE
0,097	0,293	0,003	0,009	0,121	FALSE
0,150	0,306	0,003	0,006	0,204	FALSE
-0,064	0,310	-0,001	0,008	0,065	FALSE
-0,046	0,300	-0,001	0,007	0,069	FALSE
0,023	0,323	0,001	0,009	0,022	FALSE
0,029	0,321	0,000	0,011	0,010	FALSE
0,012	0,305	0,000	0,009	0,012	FALSE
-0,021	0,317	-0,001	0,007	0,031	FALSE
-0,048	0,293	-0,002	0,013	0,065	FALSE
-0,084	0,303	-0,002	0,008	0,095	FALSE
-0,033	0,306	-0,001	0,006	0,063	FALSE
0,060	0,323	0,002	0,010	0,080	FALSE
-0,147	0,301	-0,003	0,007	0,171	FALSE
-0,065	0,299	-0,001	0,006	0,057	FALSE
0,034	0,314	0,001	0,008	0,052	FALSE
-0,010	0,318	0,000	0,013	0,005	FALSE
0,011	0,315	0,001	0,013	0,024	FALSE
0,098	0,302	0,005	0,011	0,182	FALSE
0,087	0,307	0,004	0,011	0,161	FALSE
-0,148	0,321	-0,006	0,012	0,206	FALSE
-0,073	0,296	-0,002	0,006	0,115	FALSE
0,102	0,312	0,004	0,012	0,131	FALSE

-0,119	0,304	-0,003	0,007	0,165	FALSE
0,166	0,310	0,006	0,011	0,229	FALSE
-0,087	0,304	-0,002	0,006	0,097	FALSE
-0,087	0,280	-0,005	0,013	0,153	FALSE
0,066	0,308	0,004	0,013	0,111	FALSE
0,044	0,299	0,000	0,008	0,016	FALSE
-0,115	0,305	-0,005	0,013	0,167	FALSE
-0,115	0,313	-0,005	0,012	0,158	FALSE
-0,040	0,308	-0,001	0,007	0,035	FALSE
0,031	0,308	0,000	0,007	0,018	FALSE
0,022	0,316	0,000	0,007	0,007	FALSE
0,019	0,311	0,001	0,013	0,015	FALSE
-0,092	0,281	-0,003	0,007	0,171	FALSE
-0,034	0,306	-0,001	0,011	0,025	FALSE
0,050	0,307	0,001	0,007	0,049	FALSE
0,067	0,310	0,002	0,013	0,065	FALSE
-0,086	0,308	-0,002	0,009	0,102	FALSE
0,031	0,309	0,000	0,013	0,011	FALSE
-0,022	0,302	-0,001	0,007	0,048	FALSE
0,002	0,300	0,000	0,006	0,009	FALSE
0,087	0,293	0,004	0,012	0,135	FALSE
0,060	0,297	0,001	0,007	0,084	FALSE
0,084	0,291	0,004	0,012	0,130	FALSE
-0,105	0,315	-0,003	0,009	0,117	FALSE
-0,011	0,305	0,000	0,007	0,004	FALSE
-0,117	0,312	-0,005	0,013	0,167	FALSE
-0,011	0,303	0,000	0,011	0,010	FALSE
0,106	0,317	0,003	0,007	0,144	FALSE
-0,017	0,320	-0,001	0,010	0,027	FALSE
0,055	0,311	0,002	0,011	0,051	FALSE
0,060	0,313	0,003	0,010	0,098	FALSE
0,080	0,312	0,002	0,011	0,071	FALSE
0,023	0,298	0,000	0,007	0,009	FALSE
-0,001	0,307	0,000	0,010	0,013	FALSE
-0,002	0,316	0,000	0,009	0,008	FALSE
-0,043	0,304	-0,001	0,008	0,044	FALSE
0,013	0,317	0,000	0,008	0,007	FALSE
0,143	0,306	0,005	0,010	0,208	FALSE
0,165	0,301	0,007	0,013	0,221	FALSE
-0,132	0,315	-0,006	0,013	0,190	FALSE
-0,078	0,303	-0,003	0,012	0,100	FALSE
0,015	0,304	0,000	0,012	0,006	FALSE
-0,061	0,308	-0,002	0,011	0,062	FALSE
-0,031	0,320	-0,001	0,011	0,024	FALSE
0,004	0,309	0,000	0,012	0,001	FALSE
0,001	0,309	0,000	0,008	0,005	FALSE
-0,056	0,308	-0,001	0,007	0,038	FALSE
-0,071	0,305	-0,003	0,012	0,108	FALSE
0,096	0,313	0,004	0,013	0,125	FALSE
-0,038	0,307	-0,001	0,008	0,026	FALSE
-0,006	0,305	0,000	0,012	0,004	FALSE
-0,041	0,312	-0,001	0,012	0,040	FALSE
0,083	0,295	0,003	0,010	0,099	FALSE

-0,072	0,309	-0,001	0,007	0,074	FALSE
-0,001	0,302	-0,001	0,010	0,022	FALSE
0,110	0,305	0,004	0,013	0,129	FALSE
-0,049	0,313	-0,002	0,010	0,082	FALSE
-0,120	0,310	-0,005	0,013	0,168	FALSE
0,124	0,323	0,006	0,013	0,184	FALSE
0,160	0,293	0,003	0,007	0,170	FALSE
-0,041	0,329	-0,001	0,008	0,065	FALSE
-0,091	0,308	-0,002	0,007	0,082	FALSE
-0,133	0,301	-0,006	0,013	0,178	FALSE
-0,086	0,294	-0,002	0,007	0,106	FALSE
0,020	0,312	0,000	0,013	0,006	FALSE
-0,024	0,311	-0,001	0,012	0,017	FALSE
-0,036	0,309	-0,001	0,007	0,059	FALSE
-0,017	0,307	-0,001	0,010	0,021	FALSE
0,059	0,309	0,002	0,012	0,065	FALSE
0,081	0,303	0,002	0,009	0,085	FALSE
-0,069	0,323	-0,001	0,008	0,055	FALSE
-0,107	0,295	-0,003	0,010	0,108	FALSE
-0,101	0,302	-0,003	0,008	0,131	FALSE
-0,041	0,312	-0,001	0,007	0,039	FALSE
-0,015	0,304	0,000	0,010	0,006	FALSE
0,071	0,311	0,002	0,008	0,075	FALSE
-0,008	0,308	0,000	0,011	0,004	FALSE
0,048	0,296	0,001	0,006	0,069	FALSE
-0,068	0,310	-0,003	0,010	0,112	FALSE
-0,054	0,292	-0,001	0,009	0,062	FALSE
0,148	0,305	0,003	0,008	0,157	FALSE
-0,116	0,314	-0,003	0,009	0,163	FALSE
-0,072	0,307	-0,002	0,009	0,074	FALSE
0,042	0,303	0,002	0,012	0,066	FALSE
0,150	0,303	0,005	0,009	0,212	FALSE
-0,098	0,309	-0,002	0,008	0,125	FALSE
0,009	0,311	0,000	0,011	0,002	FALSE
-0,039	0,298	-0,001	0,006	0,050	FALSE
-0,156	0,303	-0,004	0,008	0,204	FALSE
-0,091	0,322	-0,003	0,012	0,087	FALSE
0,109	0,311	0,003	0,011	0,108	FALSE
0,076	0,308	0,002	0,007	0,105	FALSE
-0,182	0,301	-0,005	0,009	0,224	FALSE
-0,098	0,301	-0,002	0,007	0,144	FALSE
0,165	0,303	0,006	0,009	0,285	FALSE
0,084	0,301	0,003	0,010	0,122	FALSE
0,020	0,314	0,001	0,010	0,042	FALSE
0,098	0,302	0,004	0,010	0,154	FALSE
-0,120	0,312	-0,003	0,007	0,172	FALSE
0,075	0,304	0,002	0,007	0,104	FALSE
0,081	0,301	0,003	0,013	0,088	FALSE
0,063	0,308	0,001	0,008	0,066	FALSE
-0,020	0,297	-0,001	0,009	0,057	FALSE
-0,001	0,307	0,000	0,007	0,013	FALSE
0,049	0,312	0,002	0,007	0,096	FALSE
0,040	0,311	0,002	0,007	0,085	FALSE

-0,025	0,318	-0,001	0,011	0,020	FALSE
0,038	0,310	0,002	0,008	0,085	FALSE
0,090	0,313	0,002	0,007	0,128	FALSE
-0,035	0,323	-0,001	0,012	0,038	FALSE
-0,046	0,299	-0,001	0,007	0,043	FALSE
-0,047	0,279	-0,002	0,012	0,054	FALSE
0,053	0,323	0,001	0,011	0,042	FALSE
0,054	0,327	0,001	0,009	0,051	FALSE
-0,024	0,305	0,000	0,012	0,014	FALSE
0,023	0,318	0,001	0,013	0,027	FALSE
-0,095	0,297	-0,002	0,006	0,139	FALSE
0,058	0,309	0,002	0,011	0,080	FALSE
0,044	0,313	0,001	0,010	0,019	FALSE
0,110	0,300	0,003	0,006	0,168	FALSE
-0,008	0,310	0,000	0,013	0,001	FALSE
0,061	0,315	0,002	0,007	0,126	FALSE
0,093	0,306	0,002	0,008	0,127	FALSE
0,181	0,310	0,004	0,007	0,232	FALSE
0,042	0,309	0,002	0,012	0,051	FALSE
0,072	0,307	0,001	0,006	0,086	FALSE
0,164	0,291	0,007	0,013	0,234	FALSE
-0,032	0,304	-0,002	0,013	0,050	FALSE
0,067	0,310	0,003	0,010	0,120	FALSE
-0,010	0,306	0,000	0,012	0,000	FALSE
-0,130	0,314	-0,003	0,007	0,147	FALSE
0,207	0,282	0,009	0,012	0,358	FALSE
0,089	0,302	0,004	0,012	0,118	FALSE
0,164	0,301	0,005	0,008	0,270	FALSE
0,000	0,304	0,000	0,007	0,007	FALSE
-0,016	0,320	0,000	0,008	0,013	FALSE
0,058	0,312	0,003	0,013	0,077	FALSE
-0,150	0,299	-0,005	0,009	0,221	FALSE
0,022	0,317	0,001	0,011	0,024	FALSE
-0,172	0,321	-0,007	0,013	0,220	FALSE
0,003	0,297	0,000	0,007	0,018	FALSE
-0,047	0,313	-0,003	0,012	0,083	FALSE
-0,015	0,304	0,000	0,007	0,022	FALSE
0,043	0,326	0,001	0,007	0,052	FALSE
-0,076	0,309	-0,002	0,007	0,099	FALSE
0,014	0,300	0,000	0,012	0,009	FALSE
0,034	0,319	0,001	0,009	0,041	FALSE
0,041	0,294	0,001	0,012	0,034	FALSE
0,025	0,310	0,001	0,012	0,044	FALSE
-0,084	0,315	-0,002	0,008	0,087	FALSE
-0,089	0,306	-0,004	0,011	0,136	FALSE
0,108	0,304	0,004	0,012	0,140	FALSE
0,008	0,310	0,001	0,012	0,033	FALSE
0,017	0,298	0,001	0,007	0,052	FALSE
0,039	0,314	0,001	0,012	0,034	FALSE
0,092	0,306	0,002	0,007	0,119	FALSE
0,040	0,300	0,002	0,011	0,062	FALSE
0,062	0,309	0,002	0,010	0,061	FALSE
0,004	0,303	0,000	0,007	0,014	FALSE

0,080	0,308	0,003	0,011	0,113	FALSE
-0,072	0,298	-0,002	0,008	0,080	FALSE
-0,001	0,327	0,000	0,013	0,002	FALSE
0,009	0,304	0,000	0,010	0,009	FALSE
-0,001	0,299	-0,001	0,010	0,022	FALSE
-0,101	0,306	-0,002	0,007	0,098	FALSE
-0,050	0,300	-0,003	0,012	0,089	FALSE
-0,153	0,305	-0,007	0,012	0,227	FALSE
0,012	0,311	0,001	0,007	0,033	FALSE
0,120	0,304	0,003	0,009	0,143	FALSE
-0,031	0,324	-0,001	0,008	0,043	FALSE
0,031	0,311	0,002	0,012	0,049	FALSE
0,153	0,288	0,006	0,012	0,217	FALSE
-0,084	0,316	-0,002	0,007	0,094	FALSE
0,031	0,306	0,001	0,008	0,041	FALSE
-0,073	0,302	-0,003	0,010	0,097	FALSE
0,056	0,314	0,002	0,007	0,099	FALSE
-0,083	0,325	-0,002	0,007	0,105	FALSE
-0,036	0,308	-0,001	0,008	0,043	FALSE
0,061	0,303	0,001	0,010	0,036	FALSE
-0,116	0,297	-0,003	0,007	0,149	FALSE
0,034	0,306	0,000	0,009	0,018	FALSE
-0,070	0,300	-0,001	0,006	0,081	FALSE
0,016	0,313	0,000	0,007	0,000	FALSE
-0,075	0,314	-0,002	0,007	0,120	FALSE
-0,047	0,315	-0,002	0,010	0,071	FALSE
-0,016	0,302	-0,001	0,009	0,024	FALSE
-0,094	0,312	-0,003	0,008	0,135	FALSE
0,023	0,309	0,001	0,010	0,038	FALSE
0,078	0,307	0,004	0,013	0,129	FALSE
0,164	0,302	0,007	0,012	0,251	FALSE
0,253	0,307	0,011	0,013	0,417	FALSE
0,008	0,319	0,000	0,007	0,013	FALSE
0,297	0,283	0,012	0,010	0,595	FALSE
0,022	0,290	0,001	0,009	0,061	FALSE
0,060	0,317	0,001	0,007	0,078	FALSE
-0,079	0,301	-0,002	0,008	0,076	FALSE
-0,009	0,314	-0,001	0,009	0,030	FALSE
-0,037	0,305	-0,001	0,008	0,048	FALSE
0,045	0,298	0,001	0,006	0,074	FALSE
0,003	0,308	0,000	0,007	0,012	FALSE
0,129	0,296	0,003	0,007	0,162	FALSE
0,099	0,316	0,004	0,011	0,136	FALSE
-0,052	0,313	-0,002	0,012	0,057	FALSE
0,098	0,304	0,004	0,013	0,132	FALSE
-0,008	0,301	0,000	0,007	0,022	FALSE
-0,010	0,312	-0,001	0,012	0,018	FALSE
-0,001	0,316	0,000	0,013	0,011	FALSE
-0,001	0,322	0,000	0,013	0,008	FALSE
-0,012	0,323	0,000	0,013	0,009	FALSE
0,005	0,315	0,000	0,012	0,008	FALSE
-0,030	0,308	-0,001	0,013	0,036	FALSE
0,006	0,314	0,000	0,013	0,003	FALSE

0,023	0,328	0,001	0,013	0,017	FALSE
-0,019	0,316	-0,001	0,013	0,028	FALSE
0,013	0,315	0,000	0,013	0,008	FALSE
-0,173	0,301	-0,004	0,007	0,219	FALSE
0,121	0,302	0,003	0,007	0,153	FALSE
0,063	0,295	0,002	0,012	0,067	FALSE
-0,126	0,301	-0,005	0,011	0,163	FALSE
-0,035	0,322	-0,001	0,008	0,047	FALSE
0,093	0,301	0,002	0,012	0,078	FALSE
0,013	0,313	0,001	0,012	0,034	FALSE
0,017	0,297	0,000	0,007	0,021	FALSE
0,025	0,315	0,001	0,011	0,020	FALSE
0,069	0,324	0,002	0,006	0,095	FALSE
-0,050	0,304	-0,001	0,008	0,067	FALSE
-0,141	0,305	-0,004	0,008	0,188	FALSE
0,063	0,290	0,001	0,007	0,072	FALSE
0,038	0,312	0,000	0,006	0,028	FALSE
0,016	0,305	-0,001	0,010	0,025	FALSE
0,164	0,305	0,005	0,008	0,239	FALSE
-0,150	0,310	-0,007	0,012	0,238	FALSE
0,107	0,304	0,002	0,006	0,100	FALSE
-0,090	0,305	-0,002	0,007	0,084	FALSE
-0,032	0,312	0,000	0,008	0,023	FALSE
0,108	0,303	0,004	0,010	0,184	FALSE
0,102	0,319	0,004	0,013	0,128	FALSE
-0,090	0,304	-0,002	0,009	0,087	FALSE
-0,035	0,300	0,000	0,008	0,006	FALSE
-0,173	0,299	-0,004	0,008	0,252	FALSE
-0,174	0,300	-0,005	0,008	0,274	FALSE
-0,086	0,303	-0,003	0,010	0,107	FALSE
0,080	0,313	0,002	0,010	0,096	FALSE
0,066	0,311	0,001	0,007	0,065	FALSE
0,058	0,310	0,001	0,009	0,064	FALSE
-0,029	0,304	-0,001	0,006	0,031	FALSE
-0,077	0,306	-0,002	0,010	0,090	FALSE
-0,018	0,312	-0,001	0,013	0,032	FALSE
-0,009	0,313	0,000	0,009	0,012	FALSE
0,015	0,315	0,001	0,011	0,024	FALSE
0,038	0,307	0,000	0,007	0,018	FALSE
0,035	0,303	0,001	0,012	0,031	FALSE
0,055	0,320	0,002	0,008	0,086	FALSE
0,060	0,306	0,002	0,009	0,082	FALSE
0,054	0,311	0,001	0,007	0,064	FALSE
-0,078	0,294	-0,001	0,006	0,094	FALSE
-0,160	0,306	-0,005	0,009	0,243	FALSE
0,112	0,309	0,004	0,011	0,126	FALSE
-0,017	0,304	-0,002	0,012	0,057	FALSE
-0,007	0,311	0,000	0,007	0,015	FALSE
0,002	0,302	0,000	0,006	0,020	FALSE
-0,081	0,317	-0,004	0,013	0,128	FALSE
-0,103	0,304	-0,005	0,012	0,178	FALSE
0,024	0,296	0,001	0,008	0,063	FALSE
0,127	0,308	0,003	0,008	0,162	FALSE

-0,010	0,299	0,000	0,008	0,018	FALSE
-0,003	0,291	-0,001	0,011	0,049	FALSE
0,100	0,295	0,004	0,011	0,158	FALSE
-0,011	0,306	0,000	0,008	0,006	FALSE
0,045	0,299	0,003	0,011	0,094	FALSE
-0,096	0,314	-0,002	0,007	0,121	FALSE
-0,023	0,295	-0,001	0,012	0,021	FALSE
-0,056	0,297	-0,001	0,007	0,048	FALSE
-0,168	0,304	-0,004	0,006	0,252	FALSE
-0,002	0,311	0,000	0,011	0,004	FALSE
-0,054	0,297	-0,002	0,012	0,049	FALSE
0,060	0,302	0,001	0,008	0,046	FALSE
0,044	0,296	0,002	0,013	0,044	FALSE
0,012	0,311	0,001	0,008	0,025	FALSE
0,070	0,323	0,002	0,010	0,089	FALSE
-0,022	0,309	-0,001	0,011	0,017	FALSE
-0,048	0,309	-0,002	0,010	0,060	FALSE
0,078	0,320	0,002	0,008	0,076	FALSE
0,042	0,313	0,001	0,006	0,053	FALSE
0,090	0,312	0,003	0,009	0,125	FALSE
-0,033	0,317	-0,002	0,011	0,055	FALSE
-0,033	0,310	-0,001	0,010	0,053	FALSE
-0,006	0,311	0,000	0,009	0,010	FALSE
0,041	0,300	0,002	0,011	0,076	FALSE
-0,004	0,314	0,000	0,010	0,010	FALSE
-0,062	0,298	-0,001	0,008	0,064	FALSE
0,053	0,302	0,002	0,010	0,090	FALSE
0,035	0,293	0,002	0,010	0,066	FALSE
0,013	0,305	0,001	0,010	0,024	FALSE
0,010	0,309	0,000	0,006	0,003	FALSE
-0,054	0,314	-0,002	0,010	0,074	FALSE
-0,086	0,298	-0,003	0,011	0,102	FALSE
-0,034	0,315	-0,001	0,010	0,055	FALSE
-0,108	0,309	-0,004	0,010	0,149	FALSE
0,101	0,307	0,002	0,007	0,116	FALSE
-0,007	0,307	-0,001	0,008	0,025	FALSE
-0,067	0,304	-0,003	0,013	0,096	FALSE
0,070	0,299	0,002	0,008	0,095	FALSE
0,070	0,294	0,001	0,006	0,079	FALSE
0,012	0,318	0,000	0,011	0,000	FALSE
0,003	0,304	0,000	0,010	0,006	FALSE
-0,070	0,309	-0,003	0,011	0,091	FALSE
0,025	0,311	0,001	0,007	0,043	FALSE
-0,062	0,312	-0,002	0,012	0,065	FALSE
0,100	0,312	0,003	0,009	0,109	FALSE
-0,172	0,295	-0,008	0,012	0,272	FALSE
0,086	0,315	0,003	0,011	0,087	FALSE
0,097	0,306	0,003	0,012	0,090	FALSE
-0,036	0,302	-0,002	0,013	0,055	FALSE
-0,055	0,287	-0,003	0,012	0,084	FALSE
0,061	0,310	0,003	0,013	0,078	FALSE
0,034	0,304	0,002	0,012	0,054	FALSE
0,002	0,307	0,000	0,011	0,015	FALSE

-0,034	0,310	-0,001	0,012	0,039	FALSE
0,002	0,292	0,001	0,010	0,019	FALSE
-0,057	0,310	-0,002	0,009	0,065	FALSE
0,000	0,310	0,000	0,007	0,005	FALSE
0,182	0,302	0,006	0,010	0,241	FALSE
0,041	0,312	0,001	0,007	0,048	FALSE
-0,118	0,304	-0,003	0,008	0,154	FALSE
-0,108	0,309	-0,002	0,007	0,127	FALSE
0,022	0,295	0,001	0,008	0,041	FALSE
-0,193	0,309	-0,006	0,010	0,259	FALSE
0,015	0,307	0,000	0,011	0,009	FALSE
0,114	0,302	0,003	0,007	0,158	FALSE
-0,054	0,304	-0,002	0,013	0,061	FALSE
-0,025	0,294	-0,001	0,006	0,046	FALSE
-0,032	0,314	-0,001	0,008	0,048	FALSE
-0,111	0,298	-0,004	0,011	0,146	FALSE
0,097	0,299	0,002	0,006	0,115	FALSE
-0,020	0,318	-0,001	0,010	0,028	FALSE
-0,023	0,314	-0,001	0,010	0,026	FALSE
0,036	0,306	0,001	0,008	0,024	FALSE
0,009	0,292	0,000	0,008	0,013	FALSE
0,024	0,314	0,001	0,010	0,048	FALSE
-0,105	0,298	-0,004	0,012	0,131	FALSE
-0,037	0,311	-0,001	0,012	0,034	FALSE
0,158	0,299	0,004	0,007	0,219	FALSE
0,047	0,306	0,002	0,012	0,049	FALSE
-0,018	0,315	0,000	0,011	0,008	FALSE
0,097	0,307	0,002	0,007	0,140	FALSE
-0,023	0,317	0,000	0,008	0,018	FALSE
0,045	0,298	0,001	0,010	0,049	FALSE
-0,020	0,299	-0,001	0,009	0,040	FALSE
-0,028	0,321	0,000	0,010	0,018	FALSE
-0,186	0,304	-0,006	0,010	0,254	FALSE
-0,118	0,321	-0,003	0,007	0,178	FALSE
-0,020	0,310	-0,001	0,009	0,026	FALSE
-0,012	0,297	0,000	0,009	0,008	FALSE
-0,035	0,286	-0,002	0,012	0,067	FALSE
-0,052	0,296	-0,002	0,012	0,080	FALSE
0,041	0,312	0,001	0,007	0,040	FALSE
-0,057	0,305	-0,001	0,007	0,049	FALSE
-0,081	0,317	-0,002	0,010	0,072	FALSE
-0,030	0,300	-0,001	0,012	0,032	FALSE
0,056	0,320	0,002	0,009	0,068	FALSE
0,150	0,305	0,003	0,007	0,222	FALSE
-0,172	0,300	-0,008	0,013	0,275	FALSE
0,061	0,312	0,002	0,009	0,086	FALSE
0,056	0,302	0,002	0,009	0,073	FALSE
0,026	0,324	0,001	0,008	0,041	FALSE
-0,038	0,305	0,000	0,012	0,002	FALSE
0,039	0,296	0,002	0,010	0,061	FALSE
0,078	0,302	0,003	0,011	0,112	FALSE
0,104	0,301	0,003	0,009	0,114	FALSE
-0,058	0,302	-0,002	0,012	0,061	FALSE

-0,014	0,314	-0,001	0,011	0,019	FALSE
-0,072	0,318	-0,003	0,012	0,084	FALSE
-0,072	0,318	-0,003	0,012	0,088	FALSE
0,040	0,315	0,002	0,012	0,048	FALSE
0,026	0,303	0,001	0,010	0,039	FALSE
-0,129	0,313	-0,005	0,010	0,183	FALSE
0,143	0,306	0,004	0,008	0,218	FALSE
-0,056	0,319	-0,001	0,007	0,057	FALSE
-0,002	0,316	0,000	0,013	0,008	FALSE
-0,060	0,302	-0,002	0,011	0,083	FALSE
-0,027	0,308	-0,001	0,012	0,017	FALSE
0,027	0,304	0,001	0,011	0,049	FALSE
0,048	0,327	0,002	0,011	0,076	FALSE
-0,001	0,322	0,000	0,011	0,014	FALSE
0,062	0,309	0,003	0,011	0,091	FALSE
-0,025	0,304	-0,001	0,010	0,033	FALSE
0,019	0,310	0,000	0,006	0,024	FALSE
-0,012	0,306	-0,001	0,008	0,024	FALSE
-0,017	0,306	-0,001	0,013	0,042	FALSE
0,046	0,309	0,001	0,007	0,050	FALSE
-0,029	0,312	0,000	0,007	0,021	FALSE
-0,072	0,299	-0,002	0,007	0,109	FALSE
-0,116	0,292	-0,005	0,012	0,154	FALSE
0,025	0,310	0,001	0,012	0,021	FALSE
-0,155	0,311	-0,004	0,008	0,224	FALSE
0,079	0,307	0,002	0,008	0,094	FALSE
-0,024	0,303	0,000	0,009	0,019	FALSE
-0,029	0,315	-0,001	0,007	0,065	FALSE
-0,064	0,311	-0,002	0,007	0,115	FALSE
-0,069	0,311	-0,001	0,006	0,087	FALSE
0,024	0,307	0,001	0,011	0,044	FALSE
-0,064	0,303	-0,002	0,010	0,056	FALSE
-0,036	0,298	-0,002	0,012	0,051	FALSE
-0,052	0,311	-0,002	0,013	0,051	FALSE
0,009	0,297	0,000	0,006	0,023	FALSE
-0,037	0,321	-0,001	0,007	0,065	FALSE
-0,106	0,310	-0,003	0,008	0,175	FALSE
0,047	0,292	0,002	0,013	0,046	FALSE
-0,136	0,308	-0,004	0,009	0,196	FALSE
0,000	0,304	0,001	0,011	0,026	FALSE
-0,048	0,312	-0,003	0,012	0,084	FALSE
0,209	0,305	0,009	0,011	0,365	FALSE
-0,123	0,303	-0,003	0,008	0,181	FALSE
-0,044	0,313	-0,001	0,008	0,041	FALSE
-0,036	0,325	-0,001	0,012	0,039	FALSE
0,128	0,313	0,006	0,013	0,188	FALSE
0,073	0,306	0,003	0,013	0,104	FALSE
0,065	0,304	0,002	0,011	0,080	FALSE
-0,109	0,321	-0,003	0,008	0,130	FALSE
-0,094	0,285	-0,005	0,012	0,165	FALSE
0,067	0,301	0,002	0,007	0,092	FALSE
-0,087	0,295	-0,002	0,008	0,125	FALSE
0,000	0,298	0,000	0,007	0,013	FALSE

-0,035	0,306	-0,002	0,013	0,059	FALSE
0,072	0,327	0,003	0,009	0,110	FALSE
0,004	0,327	0,000	0,009	0,019	FALSE
-0,014	0,299	0,000	0,012	0,010	FALSE
0,025	0,300	0,001	0,010	0,030	FALSE
-0,045	0,295	-0,001	0,007	0,042	FALSE
-0,011	0,308	-0,001	0,007	0,044	FALSE
0,009	0,313	0,000	0,007	0,018	FALSE
0,025	0,313	0,001	0,007	0,037	FALSE
0,022	0,316	0,000	0,013	0,011	FALSE
-0,121	0,293	-0,003	0,007	0,161	FALSE
0,066	0,304	0,002	0,009	0,078	FALSE
0,091	0,318	0,003	0,009	0,110	FALSE
0,022	0,316	0,001	0,007	0,030	FALSE
-0,110	0,304	-0,004	0,013	0,137	FALSE
0,018	0,298	0,001	0,011	0,020	FALSE
0,119	0,300	0,005	0,012	0,165	FALSE
-0,067	0,314	-0,003	0,012	0,087	FALSE
-0,023	0,321	0,000	0,008	0,004	FALSE
-0,115	0,294	-0,003	0,008	0,141	FALSE
0,049	0,312	0,002	0,008	0,078	FALSE
0,015	0,312	0,000	0,008	0,014	FALSE
-0,046	0,304	-0,001	0,007	0,046	FALSE
0,020	0,296	0,000	0,006	0,026	FALSE
0,089	0,300	0,002	0,010	0,094	FALSE
-0,052	0,315	-0,002	0,013	0,054	FALSE
0,003	0,316	0,000	0,009	0,007	FALSE
-0,011	0,308	0,000	0,013	0,005	FALSE
-0,007	0,325	0,000	0,014	0,003	FALSE
0,076	0,309	0,003	0,011	0,087	FALSE
0,019	0,308	0,000	0,013	0,013	FALSE
0,077	0,297	0,002	0,008	0,077	FALSE
-0,010	0,311	0,000	0,010	0,012	FALSE
0,083	0,293	0,002	0,008	0,109	FALSE
0,092	0,300	0,003	0,009	0,133	FALSE
-0,009	0,304	-0,001	0,013	0,017	FALSE
-0,012	0,292	-0,001	0,013	0,027	FALSE
-0,043	0,272	-0,003	0,012	0,089	FALSE
0,015	0,302	0,000	0,006	0,019	FALSE
-0,080	0,300	-0,002	0,008	0,107	FALSE
-0,064	0,306	-0,002	0,007	0,083	FALSE
0,049	0,297	0,001	0,008	0,058	FALSE
0,007	0,311	0,000	0,007	0,010	FALSE
0,095	0,298	0,003	0,010	0,127	FALSE
0,074	0,312	0,001	0,006	0,078	FALSE
0,082	0,305	0,003	0,012	0,111	FALSE
-0,149	0,301	-0,003	0,008	0,165	FALSE
-0,157	0,309	-0,003	0,008	0,182	FALSE
0,054	0,314	0,002	0,008	0,074	FALSE
0,100	0,300	0,002	0,006	0,132	FALSE
0,123	0,303	0,004	0,009	0,170	FALSE
-0,046	0,303	-0,001	0,007	0,044	FALSE
0,004	0,303	0,000	0,012	0,013	FALSE

0,108	0,314	0,004	0,011	0,132	FALSE
0,094	0,312	0,002	0,007	0,137	FALSE
-0,105	0,291	-0,004	0,013	0,120	FALSE
0,012	0,300	0,000	0,011	0,009	FALSE
-0,018	0,290	-0,001	0,007	0,046	FALSE
-0,021	0,306	-0,001	0,008	0,055	FALSE
0,031	0,314	0,001	0,012	0,043	FALSE
0,125	0,309	0,003	0,006	0,178	FALSE
-0,075	0,305	-0,003	0,012	0,110	FALSE
-0,108	0,307	-0,005	0,013	0,156	FALSE
-0,020	0,301	0,000	0,007	0,017	FALSE
0,018	0,315	0,001	0,012	0,025	FALSE
-0,007	0,304	0,000	0,011	0,006	FALSE
-0,007	0,307	-0,001	0,012	0,019	FALSE
0,065	0,302	0,002	0,009	0,073	FALSE
0,037	0,327	0,001	0,007	0,048	FALSE
-0,005	0,314	-0,001	0,010	0,033	FALSE
0,030	0,309	0,001	0,006	0,041	FALSE
-0,036	0,318	-0,002	0,011	0,056	FALSE
-0,009	0,312	0,000	0,008	0,005	FALSE
0,021	0,302	0,001	0,009	0,031	FALSE
-0,005	0,303	0,000	0,006	0,002	FALSE
-0,083	0,320	-0,004	0,013	0,117	FALSE
-0,046	0,314	-0,001	0,008	0,061	FALSE
0,075	0,319	0,003	0,010	0,099	FALSE
-0,002	0,322	0,000	0,013	0,005	FALSE
-0,106	0,299	-0,003	0,007	0,158	FALSE
0,117	0,309	0,003	0,009	0,128	FALSE
-0,003	0,301	0,000	0,008	0,014	FALSE
0,058	0,316	0,002	0,012	0,067	FALSE
0,062	0,302	0,003	0,012	0,101	FALSE
0,069	0,298	0,001	0,007	0,053	FALSE
0,042	0,301	0,001	0,009	0,044	FALSE
0,067	0,298	0,001	0,013	0,041	FALSE
-0,111	0,313	-0,003	0,010	0,129	FALSE
0,073	0,304	0,002	0,007	0,082	FALSE
-0,011	0,317	0,000	0,007	0,026	FALSE
-0,059	0,331	-0,003	0,012	0,089	FALSE
0,069	0,310	0,002	0,013	0,072	FALSE
-0,027	0,301	-0,001	0,007	0,032	FALSE
0,032	0,306	0,001	0,011	0,042	FALSE
-0,003	0,323	0,000	0,009	0,007	FALSE
0,000	0,316	0,000	0,007	0,005	FALSE
-0,033	0,294	-0,002	0,012	0,046	FALSE
0,099	0,288	0,005	0,012	0,183	FALSE
0,122	0,302	0,005	0,010	0,200	FALSE
0,055	0,299	0,002	0,008	0,097	FALSE
-0,109	0,293	-0,005	0,012	0,170	FALSE
-0,081	0,325	-0,004	0,013	0,114	FALSE
0,021	0,310	0,000	0,008	0,017	FALSE
0,123	0,309	0,004	0,012	0,148	FALSE
0,062	0,305	0,001	0,007	0,042	FALSE
0,025	0,295	0,001	0,011	0,031	FALSE

-0,041	0,309	-0,001	0,007	0,035	FALSE
-0,008	0,322	0,000	0,008	0,000	FALSE
0,134	0,315	0,005	0,010	0,203	FALSE
-0,075	0,296	-0,001	0,007	0,066	FALSE
-0,052	0,296	-0,001	0,006	0,050	FALSE
-0,059	0,318	-0,001	0,007	0,041	FALSE
-0,090	0,307	-0,004	0,012	0,116	FALSE
-0,045	0,310	-0,001	0,006	0,059	FALSE
-0,077	0,307	-0,002	0,006	0,109	FALSE
-0,037	0,298	-0,001	0,006	0,061	FALSE
0,110	0,310	0,002	0,007	0,126	FALSE
0,061	0,288	0,003	0,012	0,082	FALSE
0,049	0,311	0,001	0,007	0,036	FALSE
-0,028	0,299	-0,002	0,013	0,047	FALSE
-0,005	0,309	-0,001	0,013	0,020	FALSE
0,046	0,322	0,002	0,011	0,062	FALSE
-0,018	0,303	-0,001	0,009	0,035	FALSE
-0,097	0,307	-0,004	0,012	0,129	FALSE
-0,070	0,312	-0,002	0,007	0,099	FALSE
-0,016	0,310	-0,001	0,010	0,040	FALSE
-0,127	0,301	-0,005	0,012	0,167	FALSE
0,088	0,307	0,002	0,008	0,106	FALSE
-0,020	0,312	-0,001	0,009	0,034	FALSE
-0,020	0,293	-0,001	0,012	0,035	FALSE
-0,067	0,296	-0,001	0,007	0,084	FALSE
-0,048	0,304	-0,001	0,008	0,057	FALSE
0,005	0,306	0,000	0,011	0,007	FALSE
0,002	0,308	0,000	0,012	0,005	FALSE
-0,030	0,304	-0,002	0,011	0,059	FALSE
-0,007	0,310	0,000	0,011	0,009	FALSE
0,044	0,306	0,001	0,007	0,061	FALSE
-0,032	0,304	-0,001	0,007	0,050	FALSE
0,139	0,300	0,006	0,012	0,205	FALSE
0,134	0,306	0,006	0,013	0,186	FALSE
-0,036	0,299	-0,001	0,007	0,030	FALSE
0,061	0,312	0,003	0,012	0,090	FALSE
-0,004	0,313	0,001	0,013	0,028	FALSE
-0,048	0,301	-0,001	0,007	0,055	FALSE
-0,062	0,296	-0,002	0,008	0,079	FALSE
0,076	0,300	0,002	0,009	0,099	FALSE
-0,101	0,282	-0,003	0,008	0,148	FALSE
0,094	0,295	0,003	0,010	0,128	FALSE
0,130	0,310	0,003	0,007	0,181	FALSE
-0,082	0,300	-0,003	0,011	0,094	FALSE
-0,001	0,311	-0,001	0,009	0,023	FALSE
-0,023	0,320	-0,001	0,007	0,031	FALSE
0,023	0,302	0,000	0,009	0,001	FALSE
-0,011	0,306	-0,001	0,011	0,035	FALSE
0,085	0,311	0,003	0,009	0,128	FALSE
0,075	0,297	0,002	0,007	0,084	FALSE
0,002	0,312	0,000	0,007	0,010	FALSE
-0,029	0,311	-0,001	0,007	0,037	FALSE
0,014	0,321	0,000	0,007	0,020	FALSE

-0,017	0,303	-0,002	0,012	0,048	FALSE
0,077	0,309	0,002	0,006	0,100	FALSE
-0,076	0,311	-0,004	0,013	0,108	FALSE
0,085	0,315	0,002	0,007	0,120	FALSE
0,010	0,315	0,001	0,007	0,029	FALSE
-0,123	0,308	-0,003	0,008	0,162	FALSE
0,012	0,306	0,001	0,009	0,025	FALSE
-0,129	0,303	-0,002	0,006	0,127	FALSE
-0,040	0,322	-0,001	0,008	0,054	FALSE
-0,063	0,312	-0,002	0,012	0,068	FALSE
-0,069	0,323	-0,002	0,010	0,082	FALSE
-0,069	0,318	-0,002	0,008	0,069	FALSE
0,002	0,308	0,000	0,010	0,008	FALSE
0,098	0,311	0,004	0,012	0,118	FALSE
0,091	0,293	0,002	0,009	0,092	FALSE
-0,030	0,295	0,000	0,006	0,022	FALSE
0,083	0,305	0,002	0,008	0,081	FALSE
0,131	0,294	0,006	0,012	0,236	FALSE
-0,052	0,314	-0,001	0,007	0,039	FALSE
-0,053	0,307	-0,001	0,009	0,051	FALSE
-0,106	0,304	-0,003	0,008	0,148	FALSE
0,028	0,305	0,002	0,013	0,048	FALSE
0,050	0,303	0,001	0,007	0,054	FALSE
0,016	0,316	0,001	0,013	0,018	FALSE
-0,134	0,300	-0,004	0,009	0,198	FALSE
0,104	0,300	0,004	0,013	0,107	FALSE
0,134	0,310	0,003	0,007	0,181	FALSE
0,212	0,286	0,009	0,012	0,337	FALSE
-0,006	0,309	0,000	0,006	0,010	FALSE
0,025	0,307	0,001	0,013	0,037	FALSE
-0,040	0,303	-0,001	0,009	0,035	FALSE
0,096	0,312	0,003	0,011	0,125	FALSE
0,110	0,313	0,003	0,010	0,141	FALSE
0,086	0,301	0,003	0,008	0,127	FALSE
-0,041	0,300	-0,001	0,007	0,046	FALSE
0,020	0,308	0,001	0,008	0,023	FALSE
0,015	0,308	0,000	0,006	0,006	FALSE
0,008	0,303	0,000	0,008	0,022	FALSE
0,025	0,308	0,001	0,007	0,068	FALSE
-0,123	0,310	-0,005	0,012	0,155	FALSE
0,011	0,314	0,001	0,009	0,019	FALSE
0,067	0,312	0,002	0,010	0,082	FALSE
0,054	0,294	0,003	0,012	0,095	FALSE
0,183	0,310	0,004	0,007	0,232	FALSE
-0,048	0,301	-0,002	0,012	0,047	FALSE
-0,007	0,321	0,000	0,013	0,007	FALSE
-0,036	0,324	-0,002	0,013	0,059	FALSE
0,036	0,297	0,001	0,010	0,034	FALSE
-0,071	0,311	-0,002	0,010	0,069	FALSE
-0,002	0,301	-0,001	0,013	0,033	FALSE
0,000	0,321	0,000	0,009	0,006	FALSE
0,012	0,295	0,000	0,013	0,001	FALSE
0,024	0,304	0,001	0,009	0,031	FALSE

0,015	0,293	0,001	0,007	0,044	FALSE
-0,066	0,312	-0,002	0,007	0,100	FALSE
-0,033	0,311	-0,002	0,011	0,053	FALSE
0,039	0,299	0,002	0,011	0,050	FALSE
0,103	0,312	0,003	0,007	0,164	FALSE
-0,062	0,318	-0,001	0,009	0,057	FALSE
0,012	0,319	0,000	0,012	0,001	FALSE
-0,067	0,319	-0,002	0,008	0,071	FALSE
-0,037	0,305	-0,001	0,007	0,037	FALSE
-0,068	0,305	-0,002	0,008	0,071	FALSE
0,133	0,297	0,003	0,007	0,179	FALSE
-0,053	0,314	-0,001	0,008	0,049	FALSE
-0,119	0,306	-0,003	0,008	0,147	FALSE
-0,149	0,293	-0,004	0,009	0,182	FALSE
0,029	0,302	0,001	0,007	0,055	FALSE
-0,035	0,303	-0,001	0,009	0,053	FALSE
-0,183	0,279	-0,007	0,011	0,257	FALSE
0,147	0,307	0,004	0,010	0,179	FALSE
-0,064	0,315	-0,001	0,009	0,048	FALSE
0,060	0,291	0,002	0,008	0,075	FALSE
0,061	0,309	0,002	0,009	0,076	FALSE
0,127	0,313	0,004	0,008	0,181	FALSE
0,046	0,305	0,001	0,009	0,061	FALSE
0,060	0,298	0,001	0,007	0,073	FALSE
0,136	0,311	0,004	0,008	0,183	FALSE
0,001	0,308	0,000	0,008	0,015	FALSE
-0,149	0,298	-0,007	0,013	0,230	FALSE
-0,009	0,302	0,000	0,009	0,003	FALSE
-0,064	0,297	-0,002	0,007	0,091	FALSE
-0,047	0,297	-0,002	0,012	0,057	FALSE
0,144	0,305	0,005	0,010	0,218	FALSE
-0,097	0,309	-0,004	0,012	0,123	FALSE
-0,009	0,307	0,000	0,013	0,008	FALSE
0,026	0,314	0,001	0,007	0,044	FALSE
-0,063	0,302	-0,002	0,012	0,052	FALSE
-0,084	0,303	-0,003	0,012	0,087	TRUE
-0,032	0,310	-0,001	0,013	0,037	FALSE
-0,018	0,317	0,000	0,012	0,010	FALSE
0,000	0,316	0,000	0,013	0,008	FALSE
0,043	0,299	0,002	0,010	0,057	FALSE
0,028	0,303	0,001	0,013	0,041	FALSE
-0,046	0,299	-0,001	0,008	0,049	FALSE
-0,062	0,329	-0,002	0,013	0,072	FALSE
-0,052	0,311	-0,002	0,010	0,072	FALSE
-0,181	0,300	-0,008	0,011	0,307	FALSE
-0,019	0,305	-0,001	0,009	0,031	FALSE
-0,019	0,314	-0,001	0,010	0,018	FALSE
-0,001	0,292	0,001	0,012	0,025	FALSE
-0,017	0,298	-0,001	0,009	0,026	FALSE
-0,030	0,306	-0,001	0,007	0,030	FALSE
-0,103	0,308	-0,002	0,007	0,107	FALSE
0,023	0,319	0,001	0,013	0,036	FALSE
-0,065	0,307	-0,004	0,013	0,117	FALSE

-0,014	0,323	0,000	0,012	0,011	FALSE
0,046	0,308	0,001	0,009	0,041	FALSE
-0,050	0,294	-0,002	0,009	0,070	FALSE
0,010	0,321	0,000	0,008	0,023	FALSE
0,037	0,297	0,001	0,008	0,064	FALSE
0,020	0,317	0,001	0,009	0,021	FALSE
0,075	0,305	0,002	0,007	0,103	FALSE
0,050	0,303	0,002	0,013	0,056	FALSE
0,067	0,301	0,003	0,012	0,111	FALSE
-0,035	0,313	-0,001	0,010	0,044	FALSE
0,122	0,306	0,004	0,010	0,149	FALSE
-0,171	0,291	-0,007	0,012	0,255	FALSE
-0,021	0,293	0,000	0,012	0,012	FALSE
0,031	0,316	0,001	0,007	0,033	FALSE
0,024	0,325	0,001	0,012	0,029	FALSE
-0,046	0,318	-0,002	0,010	0,071	FALSE
0,148	0,295	0,005	0,010	0,189	FALSE
0,067	0,313	0,002	0,012	0,064	FALSE
0,121	0,303	0,004	0,010	0,167	FALSE
0,090	0,312	0,003	0,009	0,131	FALSE
-0,012	0,304	0,000	0,009	0,015	FALSE
-0,006	0,307	0,000	0,008	0,005	FALSE
-0,006	0,315	0,000	0,011	0,003	FALSE
0,192	0,285	0,007	0,011	0,258	FALSE
0,078	0,292	0,002	0,010	0,065	FALSE
-0,202	0,293	-0,009	0,012	0,317	FALSE
0,128	0,304	0,005	0,010	0,195	FALSE
0,108	0,302	0,004	0,010	0,157	FALSE
0,108	0,316	0,004	0,011	0,144	FALSE
0,143	0,309	0,005	0,011	0,201	FALSE
0,028	0,307	0,001	0,010	0,053	FALSE
-0,050	0,298	-0,001	0,008	0,066	FALSE
-0,190	0,302	-0,008	0,013	0,274	FALSE
0,163	0,316	0,006	0,012	0,213	FALSE
-0,090	0,309	-0,003	0,012	0,112	FALSE
0,126	0,295	0,003	0,008	0,150	FALSE
-0,016	0,308	0,000	0,010	0,007	FALSE
0,005	0,317	0,000	0,007	0,006	FALSE
-0,085	0,316	-0,002	0,008	0,109	FALSE
-0,109	0,310	-0,004	0,011	0,149	FALSE
-0,125	0,305	-0,003	0,007	0,172	FALSE
0,133	0,307	0,006	0,013	0,182	FALSE
0,043	0,322	0,001	0,012	0,032	FALSE
-0,024	0,323	-0,001	0,007	0,035	FALSE
0,005	0,301	0,000	0,007	0,003	FALSE
-0,118	0,297	-0,004	0,010	0,165	FALSE
-0,106	0,311	-0,004	0,013	0,135	FALSE
-0,105	0,294	-0,003	0,008	0,149	FALSE
-0,211	0,292	-0,007	0,010	0,306	FALSE
0,086	0,310	0,003	0,012	0,098	FALSE
0,284	0,273	0,007	0,007	0,457	FALSE
0,093	0,310	0,003	0,012	0,104	FALSE
0,081	0,296	0,003	0,011	0,087	FALSE

0,147	0,295	0,006	0,011	0,210	FALSE
0,048	0,300	0,001	0,013	0,024	FALSE
0,027	0,311	0,001	0,009	0,020	FALSE
0,137	0,294	0,004	0,011	0,158	FALSE
0,193	0,309	0,005	0,007	0,308	FALSE
0,229	0,308	0,005	0,007	0,366	FALSE
0,212	0,293	0,008	0,010	0,338	FALSE
-0,056	0,300	-0,002	0,012	0,068	FALSE
0,092	0,308	0,002	0,006	0,096	FALSE
0,103	0,311	0,002	0,007	0,135	FALSE
-0,017	0,315	0,000	0,010	0,004	FALSE
0,069	0,305	0,002	0,008	0,084	FALSE
0,097	0,309	0,002	0,006	0,152	FALSE
-0,128	0,305	-0,005	0,011	0,179	FALSE
-0,030	0,304	0,000	0,007	0,017	FALSE
-0,072	0,313	-0,001	0,007	0,084	FALSE
-0,051	0,299	-0,001	0,007	0,052	FALSE
-0,077	0,302	-0,001	0,006	0,090	FALSE
-0,037	0,305	-0,001	0,007	0,049	FALSE
0,119	0,293	0,004	0,010	0,161	FALSE
-0,131	0,326	-0,004	0,010	0,148	FALSE
0,064	0,313	0,003	0,013	0,083	FALSE
0,115	0,289	0,004	0,011	0,162	FALSE
0,078	0,296	0,004	0,011	0,135	FALSE
-0,002	0,298	0,000	0,012	0,002	FALSE
0,041	0,287	0,001	0,012	0,039	FALSE
0,000	0,304	0,000	0,007	0,005	FALSE
0,037	0,313	0,001	0,008	0,041	FALSE
0,061	0,313	0,002	0,009	0,088	FALSE
-0,065	0,314	-0,001	0,006	0,056	FALSE
-0,005	0,295	-0,001	0,006	0,036	FALSE
0,069	0,305	0,004	0,011	0,128	FALSE
0,112	0,308	0,004	0,011	0,121	FALSE
0,076	0,310	0,002	0,007	0,090	FALSE
0,084	0,310	0,002	0,008	0,103	FALSE
-0,138	0,309	-0,006	0,011	0,244	FALSE
-0,037	0,308	-0,001	0,008	0,036	FALSE
0,136	0,291	0,005	0,010	0,229	FALSE
0,067	0,300	0,001	0,007	0,066	FALSE
-0,097	0,306	-0,002	0,008	0,114	FALSE
0,014	0,307	0,000	0,007	0,007	FALSE
-0,177	0,316	-0,006	0,011	0,232	FALSE
0,137	0,300	0,004	0,008	0,196	FALSE
0,022	0,314	0,001	0,008	0,027	FALSE
-0,039	0,310	-0,002	0,012	0,070	FALSE
0,026	0,317	0,001	0,012	0,038	FALSE
-0,121	0,293	-0,006	0,013	0,194	FALSE
-0,007	0,315	0,000	0,009	0,018	FALSE
0,054	0,296	0,002	0,010	0,076	FALSE
-0,057	0,307	-0,002	0,007	0,081	FALSE
-0,100	0,314	-0,003	0,012	0,115	FALSE
0,139	0,291	0,006	0,012	0,194	FALSE
0,060	0,291	0,002	0,006	0,121	FALSE

0,050	0,306	0,002	0,007	0,093	FALSE
0,017	0,296	0,001	0,011	0,019	FALSE
-0,072	0,298	-0,002	0,007	0,099	FALSE
0,040	0,314	0,002	0,013	0,053	FALSE
-0,021	0,316	0,000	0,010	0,008	FALSE
0,011	0,323	0,000	0,012	0,004	FALSE
-0,049	0,314	-0,002	0,012	0,069	FALSE
-0,010	0,305	-0,001	0,013	0,024	FALSE
-0,034	0,300	-0,001	0,012	0,044	FALSE
0,030	0,305	0,002	0,011	0,060	FALSE
-0,025	0,304	0,000	0,012	0,010	FALSE
0,076	0,300	0,003	0,009	0,118	FALSE
0,028	0,315	0,001	0,010	0,040	FALSE
0,011	0,295	0,001	0,011	0,044	FALSE
-0,148	0,311	-0,006	0,013	0,186	FALSE
-0,133	0,304	-0,005	0,013	0,150	FALSE
0,168	0,291	0,006	0,010	0,244	FALSE
-0,064	0,319	-0,002	0,011	0,057	FALSE
-0,084	0,303	-0,003	0,010	0,095	FALSE
-0,014	0,314	0,000	0,013	0,002	FALSE
0,184	0,300	0,008	0,013	0,275	FALSE
-0,020	0,309	0,000	0,008	0,019	FALSE
-0,045	0,300	-0,002	0,010	0,058	FALSE
0,110	0,297	0,006	0,013	0,184	FALSE
0,014	0,300	0,000	0,010	0,010	FALSE
-0,001	0,297	0,000	0,008	0,016	FALSE
0,050	0,308	0,002	0,009	0,081	FALSE
-0,206	0,293	-0,008	0,012	0,291	FALSE
0,117	0,298	0,004	0,009	0,166	FALSE
0,089	0,295	0,002	0,007	0,133	FALSE
0,019	0,330	0,001	0,008	0,042	FALSE
-0,010	0,315	0,000	0,006	0,026	FALSE
-0,023	0,310	-0,001	0,007	0,039	FALSE
-0,036	0,314	-0,001	0,008	0,052	FALSE
-0,021	0,307	-0,001	0,008	0,037	FALSE
0,075	0,323	0,002	0,008	0,116	FALSE
0,061	0,299	0,002	0,006	0,100	FALSE
0,015	0,311	0,000	0,008	0,003	FALSE
0,100	0,297	0,004	0,011	0,134	FALSE
-0,067	0,311	-0,003	0,012	0,077	FALSE
-0,051	0,319	-0,002	0,013	0,059	FALSE
-0,187	0,302	-0,007	0,009	0,311	FALSE
0,131	0,318	0,005	0,009	0,213	FALSE
-0,089	0,309	-0,004	0,012	0,120	FALSE
0,074	0,295	0,003	0,011	0,116	FALSE
0,068	0,296	0,003	0,011	0,111	FALSE
0,090	0,290	0,004	0,013	0,134	FALSE
-0,092	0,303	-0,004	0,012	0,130	FALSE
0,104	0,304	0,003	0,008	0,165	FALSE
-0,086	0,316	-0,003	0,010	0,130	FALSE
-0,009	0,307	0,000	0,007	0,002	FALSE
-0,084	0,310	-0,003	0,010	0,136	FALSE
-0,047	0,290	-0,001	0,008	0,028	FALSE

-0,027	0,294	-0,001	0,012	0,028	FALSE
-0,041	0,302	0,000	0,008	0,022	FALSE
-0,150	0,312	-0,004	0,009	0,179	FALSE
0,080	0,312	0,002	0,009	0,104	FALSE
0,071	0,326	0,002	0,007	0,087	FALSE
0,018	0,304	0,001	0,007	0,049	FALSE
0,038	0,311	0,001	0,011	0,044	FALSE
-0,048	0,304	-0,001	0,008	0,059	FALSE
0,045	0,294	0,002	0,007	0,097	FALSE
-0,060	0,300	-0,002	0,010	0,070	FALSE
-0,040	0,293	-0,001	0,008	0,039	FALSE
-0,102	0,316	-0,002	0,007	0,123	FALSE
0,043	0,306	0,003	0,012	0,093	FALSE
0,050	0,306	0,003	0,011	0,107	FALSE
0,065	0,302	0,004	0,011	0,136	FALSE
0,047	0,290	0,002	0,010	0,098	FALSE
0,051	0,300	0,003	0,011	0,109	FALSE
0,042	0,308	0,003	0,010	0,102	FALSE
-0,035	0,308	-0,001	0,012	0,037	FALSE
-0,084	0,306	-0,002	0,007	0,097	FALSE
0,045	0,312	0,002	0,014	0,062	FALSE
0,001	0,297	0,000	0,013	0,002	FALSE
0,027	0,289	0,001	0,012	0,035	FALSE
0,030	0,293	0,001	0,013	0,029	FALSE
0,048	0,310	0,001	0,012	0,034	FALSE
-0,114	0,301	-0,006	0,012	0,195	FALSE
-0,110	0,302	-0,004	0,010	0,153	FALSE
-0,049	0,304	-0,002	0,012	0,054	FALSE
0,018	0,296	0,000	0,012	0,007	FALSE
-0,040	0,308	-0,002	0,011	0,088	FALSE
-0,035	0,315	-0,001	0,009	0,027	FALSE
0,061	0,303	0,001	0,008	0,070	FALSE
-0,034	0,312	-0,001	0,010	0,024	FALSE
-0,037	0,317	-0,001	0,012	0,043	FALSE
0,063	0,304	0,001	0,008	0,058	FALSE
0,055	0,299	0,001	0,008	0,050	FALSE
-0,126	0,308	-0,003	0,006	0,170	FALSE
-0,015	0,315	-0,001	0,013	0,020	FALSE
-0,017	0,306	-0,001	0,013	0,021	FALSE
-0,064	0,315	-0,001	0,007	0,077	FALSE
-0,068	0,302	-0,002	0,012	0,071	FALSE
-0,056	0,296	-0,004	0,012	0,128	FALSE
-0,102	0,311	-0,003	0,008	0,150	FALSE
0,135	0,305	0,003	0,007	0,172	FALSE
0,184	0,303	0,004	0,006	0,263	FALSE
-0,129	0,312	-0,003	0,007	0,194	FALSE
0,183	0,310	0,004	0,007	0,245	FALSE
-0,042	0,310	-0,002	0,011	0,063	FALSE
-0,011	0,288	0,000	0,010	0,012	FALSE
-0,067	0,311	-0,002	0,010	0,053	FALSE
-0,053	0,309	-0,001	0,009	0,052	FALSE
0,014	0,313	0,000	0,007	0,008	FALSE
0,042	0,316	0,001	0,013	0,036	FALSE

0,021	0,316	0,001	0,012	0,027	FALSE
0,063	0,308	0,002	0,008	0,077	FALSE
0,012	0,310	0,001	0,009	0,022	FALSE
-0,052	0,298	-0,001	0,007	0,059	FALSE
0,095	0,309	0,003	0,008	0,151	FALSE
0,026	0,303	0,001	0,006	0,078	FALSE
-0,067	0,304	-0,003	0,008	0,131	FALSE
0,120	0,290	0,004	0,009	0,187	FALSE
-0,120	0,297	-0,004	0,011	0,148	FALSE
0,024	0,302	0,001	0,012	0,035	FALSE
-0,049	0,300	-0,001	0,006	0,069	FALSE
-0,046	0,307	0,000	0,009	0,015	FALSE
0,015	0,320	0,000	0,007	0,020	FALSE
-0,039	0,296	-0,001	0,011	0,045	FALSE
0,061	0,306	0,001	0,006	0,067	FALSE
0,101	0,307	0,002	0,007	0,095	FALSE
0,044	0,310	0,002	0,007	0,077	FALSE
-0,033	0,303	0,000	0,011	0,002	FALSE
-0,131	0,297	-0,003	0,007	0,171	FALSE
-0,064	0,307	-0,001	0,007	0,058	FALSE
0,033	0,299	0,002	0,008	0,074	FALSE
-0,015	0,311	0,000	0,007	0,006	FALSE
-0,071	0,296	-0,001	0,006	0,079	FALSE
-0,009	0,324	0,000	0,008	0,002	FALSE
-0,022	0,308	-0,001	0,013	0,021	FALSE
-0,063	0,319	-0,001	0,007	0,066	FALSE
0,140	0,308	0,004	0,008	0,186	FALSE
-0,001	0,321	0,000	0,008	0,006	FALSE
0,005	0,308	0,000	0,006	0,009	FALSE
-0,107	0,300	-0,005	0,012	0,157	FALSE
-0,008	0,301	0,000	0,006	0,025	FALSE
-0,018	0,296	0,000	0,008	0,004	FALSE
0,062	0,298	0,003	0,010	0,114	FALSE
-0,049	0,308	-0,002	0,010	0,088	FALSE
-0,058	0,313	-0,001	0,008	0,039	FALSE
0,039	0,305	0,001	0,007	0,041	FALSE
-0,091	0,313	-0,003	0,009	0,132	FALSE
-0,172	0,309	-0,004	0,007	0,236	FALSE
-0,086	0,313	-0,003	0,009	0,116	FALSE
0,068	0,309	0,002	0,010	0,083	FALSE
-0,139	0,308	-0,003	0,007	0,189	FALSE
0,063	0,296	0,004	0,013	0,121	FALSE
0,041	0,299	0,001	0,009	0,035	FALSE
-0,081	0,281	-0,004	0,012	0,127	FALSE
-0,147	0,301	-0,005	0,009	0,222	FALSE
0,033	0,302	0,000	0,009	0,020	FALSE
-0,021	0,316	0,000	0,007	0,018	FALSE
-0,040	0,310	-0,001	0,013	0,039	FALSE
0,005	0,310	0,000	0,008	0,003	FALSE
-0,029	0,304	-0,001	0,012	0,038	FALSE
-0,032	0,300	-0,001	0,007	0,038	FALSE
0,032	0,293	0,001	0,009	0,034	FALSE
0,126	0,287	0,004	0,010	0,178	FALSE

-0,070	0,320	-0,002	0,009	0,093	FALSE
0,039	0,308	0,001	0,009	0,039	FALSE
-0,116	0,312	-0,003	0,008	0,167	FALSE
-0,070	0,294	-0,002	0,008	0,089	FALSE
0,004	0,306	0,000	0,006	0,003	FALSE
0,168	0,308	0,007	0,012	0,242	FALSE
0,037	0,317	0,001	0,012	0,033	FALSE
0,033	0,321	0,001	0,012	0,030	FALSE
-0,003	0,301	0,000	0,007	0,006	FALSE
0,000	0,304	-0,001	0,012	0,028	FALSE
0,009	0,309	0,001	0,007	0,027	FALSE
-0,042	0,312	-0,001	0,007	0,030	FALSE
-0,046	0,315	-0,001	0,010	0,042	FALSE
0,080	0,309	0,002	0,010	0,091	FALSE
0,160	0,300	0,005	0,010	0,215	FALSE
0,023	0,312	0,002	0,013	0,050	FALSE
0,059	0,313	0,002	0,010	0,064	FALSE
0,050	0,309	0,001	0,011	0,043	FALSE
0,129	0,308	0,003	0,009	0,144	FALSE
0,167	0,301	0,005	0,009	0,212	FALSE
0,027	0,314	0,001	0,009	0,032	FALSE
0,047	0,304	0,002	0,009	0,066	FALSE
0,020	0,313	0,001	0,009	0,021	FALSE
0,018	0,314	0,000	0,009	0,010	FALSE
-0,004	0,292	0,000	0,006	0,015	FALSE
-0,166	0,316	-0,004	0,007	0,239	FALSE
0,016	0,307	0,000	0,008	0,008	FALSE
-0,058	0,300	-0,001	0,008	0,055	FALSE
-0,238	0,285	-0,006	0,007	0,398	FALSE
-0,201	0,282	-0,006	0,008	0,329	FALSE
-0,018	0,312	0,000	0,007	0,020	FALSE
0,068	0,311	0,004	0,013	0,109	FALSE
-0,066	0,306	-0,002	0,008	0,072	FALSE
0,013	0,312	0,000	0,010	0,002	FALSE
-0,065	0,295	-0,001	0,006	0,061	FALSE
-0,005	0,316	0,000	0,008	0,003	FALSE
0,017	0,308	0,001	0,007	0,038	FALSE
0,170	0,305	0,005	0,008	0,253	FALSE
-0,047	0,302	-0,001	0,006	0,063	FALSE
-0,129	0,296	-0,005	0,011	0,175	FALSE
0,064	0,309	0,002	0,012	0,050	FALSE
-0,054	0,302	-0,002	0,007	0,090	FALSE
0,088	0,310	0,004	0,012	0,129	FALSE
0,093	0,305	0,003	0,008	0,137	FALSE
0,132	0,295	0,003	0,008	0,167	FALSE
-0,085	0,300	-0,002	0,006	0,113	FALSE
-0,009	0,308	0,000	0,008	0,002	FALSE
0,037	0,312	0,002	0,013	0,058	FALSE
-0,078	0,304	-0,003	0,013	0,101	FALSE
0,026	0,306	0,001	0,007	0,051	FALSE
-0,034	0,307	-0,001	0,011	0,041	FALSE
-0,076	0,302	-0,002	0,006	0,106	FALSE
-0,047	0,308	-0,002	0,011	0,069	FALSE

0,036	0,291	0,001	0,009	0,048	FALSE
0,064	0,305	0,002	0,010	0,064	FALSE
0,098	0,291	0,004	0,011	0,152	FALSE
-0,004	0,308	0,000	0,007	0,010	FALSE
-0,005	0,303	0,000	0,007	0,002	FALSE
-0,125	0,291	-0,003	0,007	0,165	FALSE
0,099	0,313	0,002	0,007	0,100	FALSE
-0,081	0,315	-0,002	0,008	0,089	FALSE
-0,111	0,305	-0,002	0,007	0,131	FALSE
0,158	0,296	0,007	0,012	0,264	FALSE
0,028	0,309	0,001	0,010	0,032	FALSE
-0,047	0,305	-0,003	0,013	0,081	FALSE
0,022	0,324	0,000	0,008	0,015	FALSE
0,167	0,305	0,004	0,007	0,220	FALSE
0,055	0,312	0,001	0,007	0,060	FALSE
0,113	0,300	0,005	0,013	0,150	FALSE
0,095	0,304	0,004	0,013	0,128	FALSE
0,037	0,307	0,001	0,009	0,036	FALSE
0,092	0,306	0,002	0,006	0,139	FALSE
0,131	0,307	0,003	0,006	0,192	FALSE
0,052	0,312	0,002	0,008	0,081	FALSE
0,031	0,307	0,001	0,007	0,039	FALSE
0,015	0,310	0,001	0,007	0,028	FALSE
-0,147	0,309	-0,004	0,009	0,213	FALSE
-0,097	0,302	-0,004	0,011	0,147	FALSE
0,006	0,305	0,000	0,008	0,006	FALSE
-0,033	0,315	-0,001	0,007	0,044	FALSE
-0,025	0,311	-0,001	0,008	0,048	FALSE
-0,057	0,314	-0,002	0,008	0,077	FALSE
0,105	0,306	0,003	0,009	0,138	FALSE
0,013	0,307	0,001	0,008	0,024	FALSE
-0,014	0,306	-0,001	0,012	0,038	FALSE
-0,034	0,317	-0,002	0,012	0,055	FALSE
-0,072	0,316	-0,003	0,010	0,120	FALSE
-0,066	0,306	-0,001	0,007	0,052	FALSE
0,074	0,291	0,003	0,013	0,089	FALSE
-0,019	0,308	0,001	0,013	0,016	FALSE
-0,015	0,309	0,000	0,009	0,002	FALSE
-0,030	0,309	0,000	0,007	0,023	FALSE
-0,060	0,310	-0,001	0,007	0,072	FALSE
-0,023	0,293	0,000	0,007	0,013	FALSE
-0,159	0,308	-0,005	0,011	0,215	FALSE
-0,003	0,302	-0,001	0,010	0,044	FALSE
0,075	0,309	0,003	0,010	0,115	FALSE
-0,089	0,312	-0,002	0,006	0,102	FALSE
0,121	0,296	0,003	0,006	0,175	FALSE
0,115	0,309	0,003	0,007	0,178	FALSE
-0,043	0,316	-0,002	0,012	0,046	FALSE
-0,027	0,300	-0,001	0,012	0,034	FALSE
-0,043	0,307	-0,001	0,009	0,044	FALSE
0,039	0,297	0,002	0,012	0,071	FALSE
0,026	0,308	0,002	0,011	0,049	FALSE
0,014	0,305	0,000	0,007	0,021	FALSE

-0,031	0,298	-0,001	0,007	0,030	FALSE
0,079	0,296	0,003	0,011	0,106	FALSE
0,058	0,308	0,003	0,012	0,084	FALSE
-0,093	0,312	-0,002	0,007	0,133	FALSE
-0,056	0,296	-0,001	0,007	0,054	FALSE
0,066	0,295	0,002	0,008	0,114	FALSE
0,003	0,316	0,000	0,013	0,011	FALSE
-0,033	0,287	-0,001	0,009	0,058	FALSE
0,030	0,297	0,000	0,008	0,018	FALSE
0,057	0,315	0,003	0,013	0,092	FALSE
-0,059	0,301	-0,003	0,010	0,102	FALSE
0,105	0,316	0,004	0,012	0,126	FALSE
0,087	0,316	0,003	0,012	0,092	FALSE
0,103	0,323	0,003	0,010	0,118	FALSE
0,052	0,301	0,001	0,007	0,067	FALSE
-0,143	0,304	-0,006	0,012	0,216	FALSE
-0,210	0,309	-0,008	0,011	0,315	FALSE
-0,022	0,318	-0,001	0,008	0,040	FALSE
-0,105	0,301	-0,004	0,012	0,136	FALSE
0,046	0,306	0,001	0,007	0,073	FALSE
0,032	0,308	0,002	0,013	0,062	FALSE
0,002	0,310	0,000	0,006	0,017	FALSE
-0,007	0,312	0,000	0,007	0,008	FALSE
-0,029	0,302	-0,001	0,007	0,031	FALSE
-0,009	0,313	-0,001	0,011	0,021	FALSE
0,016	0,309	0,000	0,012	0,014	FALSE
-0,067	0,294	-0,002	0,012	0,075	FALSE
0,009	0,299	0,000	0,011	0,011	FALSE
-0,042	0,298	-0,001	0,010	0,042	FALSE
0,043	0,301	0,001	0,007	0,070	FALSE
0,004	0,325	0,000	0,008	0,004	FALSE
-0,065	0,315	-0,004	0,012	0,113	FALSE
-0,097	0,302	-0,005	0,013	0,169	FALSE
0,105	0,298	0,004	0,012	0,147	FALSE
0,032	0,310	0,001	0,009	0,047	FALSE
0,075	0,294	0,002	0,011	0,079	FALSE
0,066	0,295	0,002	0,010	0,068	FALSE
0,097	0,313	0,002	0,006	0,137	FALSE
-0,097	0,289	-0,005	0,012	0,180	FALSE
0,009	0,306	0,000	0,007	0,000	FALSE
-0,072	0,300	-0,002	0,008	0,112	FALSE
0,000	0,298	0,000	0,012	0,014	FALSE
0,027	0,303	0,002	0,013	0,069	FALSE
-0,081	0,319	-0,002	0,007	0,099	FALSE
-0,008	0,300	0,000	0,007	0,005	FALSE
0,084	0,309	0,003	0,013	0,088	FALSE
0,106	0,296	0,004	0,012	0,122	FALSE
-0,081	0,307	-0,003	0,013	0,097	FALSE
-0,106	0,291	-0,003	0,008	0,142	FALSE
0,013	0,306	0,001	0,013	0,030	FALSE
-0,034	0,304	-0,001	0,006	0,036	FALSE
-0,041	0,293	-0,002	0,011	0,066	FALSE
0,012	0,304	0,000	0,006	0,009	FALSE

-0,121	0,306	-0,003	0,009	0,138	FALSE
0,001	0,304	0,000	0,008	0,001	FALSE
0,023	0,316	0,001	0,007	0,047	FALSE
-0,012	0,319	0,000	0,009	0,005	FALSE
0,013	0,306	0,000	0,009	0,015	FALSE
0,051	0,308	0,001	0,011	0,043	FALSE
0,072	0,305	0,002	0,009	0,087	FALSE
0,149	0,296	0,006	0,013	0,202	FALSE
0,071	0,305	0,002	0,009	0,085	FALSE
-0,134	0,302	-0,004	0,009	0,172	FALSE
0,027	0,314	0,001	0,013	0,034	FALSE
0,042	0,309	0,002	0,013	0,055	FALSE
0,040	0,305	0,002	0,009	0,099	FALSE
0,002	0,314	0,000	0,010	0,006	FALSE
0,047	0,320	0,001	0,007	0,058	FALSE
0,101	0,312	0,004	0,009	0,155	FALSE
-0,072	0,305	-0,001	0,006	0,066	FALSE
0,038	0,318	0,001	0,007	0,055	FALSE
0,030	0,299	0,002	0,009	0,063	FALSE
0,085	0,316	0,004	0,013	0,117	FALSE
0,109	0,303	0,005	0,013	0,162	FALSE
0,015	0,304	0,001	0,008	0,024	FALSE
0,038	0,316	0,002	0,011	0,052	FALSE
0,049	0,321	0,002	0,012	0,079	FALSE
0,017	0,310	0,002	0,011	0,059	FALSE
0,058	0,308	0,002	0,008	0,073	FALSE
0,068	0,297	0,002	0,010	0,067	FALSE
0,089	0,306	0,003	0,013	0,085	FALSE
-0,043	0,299	0,000	0,007	0,024	FALSE
0,083	0,323	0,002	0,009	0,102	FALSE
0,149	0,303	0,006	0,013	0,188	FALSE
0,001	0,324	0,001	0,009	0,019	FALSE
-0,068	0,299	-0,002	0,010	0,081	FALSE
-0,072	0,300	-0,003	0,011	0,096	FALSE
-0,098	0,299	-0,002	0,006	0,119	FALSE
0,064	0,311	0,002	0,008	0,082	FALSE
0,034	0,297	0,001	0,012	0,022	FALSE
-0,028	0,307	-0,001	0,010	0,028	FALSE
-0,011	0,306	-0,001	0,012	0,015	FALSE
-0,028	0,296	-0,001	0,011	0,029	FALSE
-0,071	0,302	-0,002	0,010	0,089	FALSE
-0,001	0,298	0,000	0,011	0,008	FALSE
0,004	0,312	0,000	0,012	0,002	FALSE
-0,073	0,299	-0,003	0,008	0,124	FALSE
-0,125	0,319	-0,005	0,011	0,184	FALSE
0,006	0,307	0,000	0,007	0,007	FALSE
0,134	0,296	0,003	0,007	0,143	FALSE
0,087	0,297	0,002	0,009	0,078	FALSE
-0,059	0,295	-0,002	0,011	0,062	FALSE
-0,128	0,313	-0,003	0,009	0,155	FALSE
-0,029	0,303	0,000	0,006	0,029	FALSE
-0,073	0,303	-0,001	0,006	0,088	FALSE
-0,101	0,310	-0,004	0,010	0,138	FALSE

0,058	0,290	0,002	0,009	0,084	FALSE
-0,027	0,312	0,000	0,008	0,013	FALSE
-0,027	0,313	-0,001	0,012	0,033	FALSE
0,003	0,293	0,000	0,008	0,003	FALSE
0,104	0,308	0,003	0,007	0,144	FALSE
0,014	0,304	0,001	0,008	0,023	FALSE
0,007	0,315	0,000	0,009	0,005	FALSE
0,010	0,310	0,001	0,009	0,023	FALSE
0,097	0,316	0,003	0,008	0,126	FALSE
-0,130	0,287	-0,003	0,006	0,171	FALSE
-0,009	0,309	-0,001	0,011	0,035	FALSE
0,034	0,308	0,001	0,012	0,030	FALSE
0,049	0,307	0,001	0,007	0,029	FALSE
0,003	0,315	0,000	0,009	0,004	FALSE
-0,007	0,312	0,000	0,008	0,009	FALSE
0,002	0,296	0,000	0,007	0,001	FALSE
-0,029	0,324	-0,001	0,009	0,029	FALSE
-0,020	0,312	-0,001	0,011	0,020	FALSE
0,025	0,321	0,000	0,009	0,009	FALSE
0,045	0,307	0,001	0,009	0,035	FALSE
-0,018	0,317	0,000	0,008	0,001	FALSE
-0,080	0,309	-0,002	0,008	0,081	FALSE
-0,090	0,307	-0,002	0,007	0,092	FALSE
-0,060	0,308	-0,002	0,012	0,072	FALSE
-0,029	0,313	-0,001	0,012	0,040	FALSE
-0,020	0,322	-0,001	0,013	0,026	FALSE
-0,010	0,309	-0,001	0,013	0,021	FALSE
0,024	0,316	-0,001	0,012	0,016	FALSE
0,152	0,316	0,005	0,011	0,214	FALSE
0,127	0,299	0,004	0,011	0,163	FALSE
0,069	0,301	0,002	0,006	0,104	FALSE
-0,008	0,322	0,000	0,009	0,003	FALSE
0,047	0,307	0,002	0,012	0,075	FALSE
0,019	0,303	0,000	0,008	0,022	FALSE
0,009	0,317	0,000	0,008	0,006	FALSE
0,127	0,301	0,004	0,007	0,219	FALSE
-0,114	0,313	-0,005	0,012	0,172	FALSE
0,003	0,309	0,000	0,007	0,008	FALSE
0,008	0,321	0,001	0,011	0,028	FALSE
0,037	0,307	0,001	0,010	0,039	FALSE
-0,087	0,322	-0,004	0,013	0,102	FALSE
0,135	0,312	0,005	0,010	0,185	FALSE
0,129	0,305	0,004	0,008	0,188	FALSE
0,048	0,307	0,001	0,007	0,075	FALSE
0,102	0,291	0,003	0,008	0,154	FALSE
0,002	0,310	0,001	0,012	0,016	FALSE
-0,077	0,297	-0,003	0,010	0,116	FALSE
0,019	0,306	0,001	0,010	0,019	FALSE
-0,102	0,308	-0,003	0,009	0,112	FALSE
-0,049	0,309	-0,001	0,007	0,026	FALSE
0,017	0,310	0,001	0,013	0,018	FALSE
-0,127	0,296	-0,004	0,009	0,164	FALSE
0,080	0,307	0,004	0,012	0,118	FALSE

-0,084	0,306	-0,003	0,010	0,124	FALSE
0,095	0,299	0,002	0,007	0,105	FALSE
0,044	0,316	0,001	0,009	0,047	FALSE
0,028	0,302	0,001	0,011	0,044	FALSE
0,028	0,311	0,002	0,012	0,058	FALSE
0,096	0,319	0,004	0,011	0,142	FALSE
0,051	0,309	0,002	0,011	0,063	FALSE
-0,112	0,310	-0,004	0,010	0,158	FALSE
0,036	0,315	0,002	0,011	0,057	FALSE
-0,121	0,294	-0,003	0,009	0,156	FALSE
-0,012	0,313	0,000	0,008	0,017	FALSE
0,035	0,295	0,001	0,006	0,069	FALSE
0,016	0,308	0,001	0,013	0,031	FALSE
-0,030	0,295	-0,001	0,011	0,048	FALSE
0,006	0,296	0,000	0,008	0,003	FALSE
0,036	0,297	0,001	0,008	0,034	FALSE
0,016	0,307	0,000	0,013	0,001	FALSE
0,034	0,302	0,001	0,007	0,037	FALSE
0,014	0,319	0,000	0,010	0,002	FALSE
0,013	0,325	0,000	0,010	0,002	FALSE
0,015	0,313	0,000	0,010	0,005	FALSE
-0,008	0,307	-0,001	0,008	0,041	FALSE
-0,060	0,285	-0,003	0,008	0,123	FALSE
0,052	0,311	0,001	0,008	0,063	FALSE
0,019	0,303	0,001	0,012	0,043	FALSE
-0,068	0,306	-0,002	0,011	0,070	FALSE
-0,039	0,299	-0,001	0,006	0,050	FALSE
-0,034	0,296	-0,001	0,012	0,044	FALSE
-0,065	0,310	-0,001	0,008	0,062	FALSE
-0,054	0,305	-0,002	0,012	0,045	FALSE
0,007	0,301	0,000	0,012	0,001	FALSE
-0,090	0,291	-0,002	0,007	0,116	FALSE
-0,095	0,292	-0,002	0,008	0,091	FALSE
0,064	0,313	0,002	0,010	0,083	FALSE
0,036	0,312	0,002	0,013	0,058	FALSE
0,052	0,317	0,003	0,012	0,077	FALSE
0,042	0,312	0,001	0,008	0,058	FALSE
0,098	0,314	0,002	0,009	0,101	FALSE
-0,044	0,310	-0,003	0,013	0,086	FALSE
0,023	0,299	0,000	0,009	0,013	FALSE
0,049	0,309	0,001	0,008	0,052	FALSE
0,077	0,306	0,002	0,009	0,085	FALSE
0,026	0,319	0,001	0,007	0,041	FALSE
0,036	0,324	0,002	0,012	0,048	FALSE
0,144	0,307	0,006	0,011	0,213	FALSE
-0,036	0,307	-0,001	0,007	0,064	FALSE
-0,057	0,302	-0,002	0,011	0,082	FALSE
-0,032	0,318	-0,001	0,011	0,038	FALSE
-0,001	0,313	0,000	0,008	0,005	FALSE
0,024	0,302	0,001	0,010	0,025	FALSE
0,066	0,304	0,002	0,008	0,071	FALSE
-0,193	0,305	-0,005	0,008	0,261	FALSE
-0,196	0,300	-0,005	0,008	0,268	FALSE

0,058	0,309	0,002	0,006	0,088	FALSE
-0,054	0,307	-0,001	0,007	0,063	FALSE
-0,006	0,317	0,000	0,012	0,014	FALSE
-0,050	0,313	-0,001	0,007	0,055	FALSE
-0,015	0,307	0,000	0,007	0,016	FALSE
0,162	0,305	0,006	0,010	0,262	FALSE
-0,041	0,306	-0,001	0,007	0,047	FALSE
0,045	0,295	0,001	0,009	0,040	FALSE
-0,073	0,300	-0,003	0,012	0,083	FALSE
-0,066	0,299	-0,004	0,012	0,119	FALSE
0,018	0,301	0,000	0,007	0,016	FALSE
-0,047	0,296	-0,002	0,009	0,071	FALSE
0,085	0,310	0,004	0,013	0,123	FALSE
0,047	0,315	0,002	0,012	0,047	FALSE
-0,071	0,301	-0,002	0,008	0,101	FALSE
0,092	0,304	0,003	0,008	0,145	FALSE
0,058	0,305	0,002	0,008	0,111	FALSE
-0,038	0,317	-0,001	0,009	0,047	FALSE
0,003	0,304	0,000	0,006	0,014	FALSE
-0,123	0,301	-0,005	0,012	0,158	FALSE
-0,055	0,310	-0,002	0,012	0,061	FALSE
-0,010	0,303	0,000	0,008	0,019	FALSE
0,006	0,311	0,000	0,006	0,003	FALSE
0,002	0,320	0,000	0,006	0,004	FALSE
0,035	0,310	0,001	0,006	0,059	FALSE
0,147	0,302	0,004	0,008	0,194	FALSE
0,036	0,302	0,002	0,010	0,060	FALSE
-0,069	0,286	-0,002	0,012	0,060	FALSE
-0,046	0,314	-0,002	0,012	0,048	FALSE
0,084	0,307	0,002	0,007	0,097	FALSE
-0,038	0,304	-0,001	0,008	0,056	FALSE
-0,004	0,311	0,000	0,010	0,009	FALSE
-0,009	0,317	0,000	0,007	0,017	FALSE
-0,031	0,308	-0,001	0,008	0,062	FALSE
-0,048	0,317	-0,002	0,008	0,091	FALSE
-0,149	0,304	-0,005	0,010	0,200	FALSE
0,040	0,308	0,001	0,007	0,055	FALSE
-0,035	0,314	-0,001	0,008	0,028	FALSE
-0,088	0,312	-0,002	0,010	0,097	FALSE
0,025	0,298	0,001	0,010	0,024	FALSE
0,027	0,317	0,001	0,010	0,036	FALSE
0,012	0,311	0,000	0,011	0,007	FALSE
-0,032	0,304	-0,001	0,013	0,040	FALSE
-0,018	0,307	0,000	0,009	0,020	FALSE
-0,060	0,308	-0,001	0,008	0,054	FALSE
-0,008	0,298	0,000	0,006	0,012	FALSE
-0,069	0,302	-0,001	0,008	0,066	FALSE
-0,030	0,291	-0,001	0,009	0,032	FALSE
0,093	0,305	0,003	0,011	0,098	FALSE
-0,091	0,311	-0,003	0,011	0,109	FALSE
-0,017	0,307	-0,001	0,012	0,044	FALSE
0,028	0,294	0,001	0,010	0,055	FALSE
0,086	0,297	0,002	0,007	0,122	FALSE

0,043	0,312	0,001	0,007	0,049	FALSE
0,075	0,309	0,002	0,010	0,082	FALSE
-0,054	0,313	-0,001	0,007	0,026	FALSE
-0,094	0,291	-0,002	0,006	0,125	FALSE
0,007	0,316	0,000	0,007	0,015	FALSE
-0,054	0,309	-0,001	0,009	0,049	FALSE
-0,078	0,299	-0,002	0,007	0,101	FALSE
0,024	0,306	0,001	0,007	0,033	FALSE
-0,083	0,305	-0,002	0,007	0,094	FALSE
-0,098	0,304	-0,002	0,007	0,129	FALSE
-0,117	0,306	-0,003	0,008	0,147	FALSE
-0,193	0,285	-0,004	0,007	0,272	FALSE
0,054	0,300	0,002	0,011	0,067	FALSE
0,097	0,309	0,002	0,007	0,103	FALSE
0,006	0,300	0,000	0,010	0,011	FALSE
-0,178	0,291	-0,005	0,009	0,261	FALSE
0,067	0,307	0,002	0,009	0,082	FALSE
0,118	0,302	0,005	0,012	0,176	FALSE
-0,051	0,308	-0,002	0,009	0,076	FALSE
0,089	0,302	0,002	0,006	0,116	FALSE
0,001	0,312	0,000	0,007	0,003	FALSE
0,005	0,293	0,001	0,012	0,026	FALSE
-0,118	0,306	-0,005	0,011	0,191	FALSE
0,022	0,326	0,001	0,007	0,045	FALSE
0,036	0,319	0,002	0,012	0,062	FALSE
0,040	0,309	0,002	0,011	0,075	FALSE
-0,039	0,291	-0,001	0,012	0,020	FALSE
0,073	0,305	0,002	0,011	0,072	FALSE
0,074	0,314	0,002	0,007	0,085	FALSE
-0,036	0,303	-0,002	0,012	0,052	FALSE
0,037	0,323	0,001	0,009	0,040	FALSE
-0,036	0,316	-0,001	0,011	0,046	FALSE
-0,022	0,313	-0,001	0,012	0,021	FALSE
-0,023	0,310	0,000	0,008	0,020	FALSE
0,077	0,315	0,003	0,013	0,103	FALSE
0,113	0,296	0,005	0,012	0,164	FALSE
0,086	0,303	0,004	0,013	0,133	FALSE
0,001	0,295	0,000	0,010	0,009	FALSE
0,106	0,305	0,004	0,011	0,159	FALSE
0,011	0,305	0,001	0,011	0,027	FALSE
-0,017	0,307	0,000	0,010	0,014	FALSE
0,004	0,324	0,000	0,008	0,016	FALSE
-0,025	0,304	-0,001	0,007	0,047	FALSE
-0,095	0,311	-0,005	0,013	0,151	FALSE
0,101	0,309	0,004	0,012	0,121	FALSE
0,107	0,323	0,005	0,013	0,142	FALSE
0,106	0,310	0,005	0,013	0,150	FALSE
-0,028	0,318	0,000	0,007	0,009	FALSE
-0,141	0,293	-0,003	0,007	0,153	FALSE
0,132	0,293	0,005	0,011	0,182	FALSE
-0,075	0,304	-0,003	0,010	0,103	FALSE
-0,021	0,309	-0,001	0,013	0,039	FALSE
0,019	0,292	0,000	0,012	0,006	FALSE

-0,015	0,304	0,000	0,006	0,022	FALSE
-0,067	0,303	-0,003	0,012	0,094	FALSE
0,053	0,327	0,002	0,012	0,070	FALSE
0,116	0,303	0,002	0,006	0,120	FALSE
-0,023	0,310	0,000	0,009	0,013	FALSE
0,027	0,304	0,001	0,006	0,030	FALSE
0,029	0,305	0,001	0,010	0,030	FALSE
0,019	0,303	0,001	0,011	0,039	FALSE
0,014	0,307	0,001	0,010	0,026	FALSE
-0,053	0,311	-0,002	0,009	0,065	FALSE
0,025	0,314	0,001	0,010	0,026	FALSE
0,045	0,318	0,001	0,009	0,034	FALSE
-0,131	0,306	-0,003	0,008	0,179	FALSE
0,012	0,317	0,001	0,010	0,022	FALSE
0,177	0,286	0,005	0,008	0,253	FALSE
-0,048	0,310	-0,002	0,012	0,049	FALSE
0,070	0,296	0,003	0,009	0,120	FALSE
0,049	0,303	0,001	0,012	0,021	FALSE
-0,056	0,304	-0,003	0,010	0,095	FALSE
-0,010	0,305	0,000	0,007	0,002	FALSE
-0,005	0,315	0,000	0,007	0,004	FALSE
0,105	0,320	0,003	0,009	0,125	FALSE
-0,064	0,319	-0,002	0,011	0,082	FALSE
0,027	0,290	0,001	0,011	0,048	FALSE
0,045	0,304	0,002	0,010	0,077	FALSE
-0,062	0,311	-0,001	0,010	0,054	FALSE
0,005	0,309	0,000	0,006	0,023	FALSE
0,140	0,307	0,003	0,007	0,173	FALSE
0,126	0,298	0,003	0,006	0,179	FALSE
0,063	0,311	0,003	0,012	0,094	FALSE
0,008	0,298	0,001	0,009	0,031	FALSE
-0,160	0,300	-0,004	0,007	0,235	FALSE
-0,070	0,292	-0,003	0,012	0,089	FALSE
-0,025	0,319	-0,001	0,013	0,036	FALSE
0,026	0,299	0,001	0,011	0,036	FALSE
-0,037	0,306	-0,001	0,007	0,025	FALSE
-0,046	0,296	-0,001	0,010	0,045	FALSE
-0,031	0,301	-0,001	0,007	0,046	FALSE
-0,060	0,302	-0,001	0,007	0,084	FALSE
-0,022	0,305	-0,001	0,007	0,047	FALSE
0,059	0,317	0,001	0,007	0,081	FALSE
0,015	0,303	0,000	0,007	0,011	FALSE
0,106	0,305	0,004	0,011	0,126	FALSE
-0,160	0,291	-0,006	0,012	0,211	FALSE
-0,052	0,292	-0,001	0,006	0,092	FALSE
0,097	0,305	0,002	0,007	0,140	FALSE
-0,037	0,312	-0,001	0,009	0,041	FALSE
-0,054	0,317	-0,002	0,009	0,082	FALSE
-0,058	0,305	-0,003	0,012	0,105	FALSE
-0,107	0,297	-0,004	0,011	0,159	FALSE
-0,069	0,300	-0,003	0,011	0,102	FALSE
0,001	0,327	0,000	0,008	0,006	FALSE
0,004	0,306	0,000	0,012	0,002	FALSE

0,092	0,311	0,002	0,007	0,120	FALSE
-0,007	0,293	0,000	0,009	0,007	FALSE
-0,132	0,317	-0,003	0,008	0,163	FALSE
-0,064	0,319	-0,002	0,010	0,075	FALSE
0,110	0,295	0,004	0,008	0,172	FALSE
-0,080	0,316	-0,004	0,013	0,104	FALSE
-0,056	0,315	-0,001	0,007	0,074	FALSE
-0,025	0,310	-0,001	0,008	0,029	FALSE
0,162	0,309	0,005	0,009	0,219	FALSE
0,009	0,306	0,000	0,010	0,002	FALSE
0,046	0,311	0,001	0,010	0,040	FALSE
-0,023	0,313	-0,001	0,010	0,038	FALSE
0,127	0,297	0,005	0,010	0,213	FALSE
0,055	0,312	0,001	0,012	0,037	FALSE
-0,063	0,310	-0,002	0,007	0,087	FALSE
0,147	0,301	0,003	0,007	0,179	FALSE
0,103	0,299	0,003	0,010	0,135	FALSE
-0,080	0,311	-0,002	0,007	0,097	FALSE
0,168	0,297	0,006	0,009	0,274	FALSE
0,103	0,304	0,003	0,011	0,115	FALSE
-0,016	0,302	0,000	0,007	0,007	FALSE
0,019	0,313	0,000	0,008	0,022	FALSE
-0,088	0,302	-0,002	0,008	0,123	FALSE
0,011	0,309	0,000	0,007	0,020	FALSE
0,012	0,309	0,001	0,007	0,028	FALSE
0,044	0,311	0,001	0,007	0,040	FALSE
-0,066	0,304	-0,003	0,012	0,079	FALSE
-0,044	0,311	-0,001	0,007	0,028	FALSE
-0,046	0,303	-0,001	0,007	0,047	FALSE
0,060	0,318	0,001	0,009	0,047	FALSE
-0,023	0,314	-0,001	0,013	0,019	FALSE
0,081	0,304	0,003	0,012	0,105	FALSE
-0,071	0,304	-0,003	0,009	0,116	FALSE
-0,058	0,298	-0,001	0,012	0,035	FALSE
0,175	0,301	0,005	0,009	0,260	FALSE
0,088	0,294	0,002	0,009	0,078	FALSE
-0,005	0,324	0,000	0,009	0,006	FALSE
0,077	0,302	0,002	0,007	0,126	FALSE
0,000	0,294	0,001	0,010	0,042	FALSE
0,026	0,301	0,001	0,010	0,024	FALSE
-0,020	0,309	-0,001	0,008	0,032	FALSE
0,021	0,316	0,001	0,009	0,033	FALSE
-0,107	0,305	-0,004	0,010	0,165	FALSE
0,080	0,299	0,002	0,008	0,115	FALSE
0,098	0,304	0,003	0,008	0,152	FALSE
0,007	0,313	0,000	0,006	0,021	FALSE
-0,061	0,317	-0,001	0,008	0,048	FALSE
0,022	0,305	0,001	0,011	0,035	FALSE
-0,103	0,311	-0,002	0,007	0,140	FALSE
-0,050	0,296	-0,001	0,007	0,066	FALSE
0,037	0,313	0,001	0,008	0,057	FALSE
0,018	0,306	0,001	0,006	0,029	FALSE
0,086	0,308	0,002	0,008	0,092	FALSE

0,080	0,305	0,002	0,007	0,093	FALSE
-0,060	0,310	-0,001	0,008	0,071	FALSE
-0,047	0,313	-0,001	0,011	0,046	FALSE
-0,070	0,303	-0,003	0,012	0,087	FALSE
-0,006	0,324	0,000	0,013	0,000	FALSE
0,120	0,309	0,003	0,008	0,153	FALSE
-0,095	0,303	-0,003	0,008	0,154	FALSE
-0,015	0,303	0,000	0,010	0,017	FALSE
0,008	0,314	0,000	0,007	0,013	FALSE
0,014	0,302	0,001	0,012	0,043	FALSE
-0,002	0,309	0,000	0,013	0,009	FALSE
0,015	0,300	0,002	0,012	0,048	FALSE
0,001	0,313	0,001	0,012	0,022	FALSE
0,002	0,316	0,000	0,012	0,012	FALSE
0,057	0,314	0,002	0,008	0,098	FALSE
0,061	0,307	0,002	0,011	0,073	FALSE
0,031	0,306	0,001	0,008	0,045	FALSE
0,157	0,293	0,005	0,010	0,209	FALSE
0,133	0,298	0,005	0,013	0,143	FALSE
0,067	0,320	0,002	0,009	0,072	FALSE
-0,035	0,312	-0,001	0,011	0,037	FALSE
0,039	0,316	0,001	0,012	0,042	FALSE
0,023	0,291	0,001	0,010	0,021	FALSE
-0,021	0,295	-0,001	0,013	0,026	FALSE
0,047	0,318	0,001	0,008	0,058	FALSE
0,033	0,319	0,001	0,009	0,026	FALSE
0,071	0,304	0,003	0,011	0,089	FALSE
-0,078	0,299	-0,002	0,007	0,104	FALSE
0,026	0,309	0,001	0,006	0,036	FALSE
-0,062	0,286	-0,003	0,011	0,094	FALSE
0,048	0,302	0,001	0,012	0,038	FALSE
0,109	0,306	0,006	0,013	0,177	FALSE
0,045	0,311	0,002	0,012	0,048	FALSE
0,085	0,304	0,002	0,007	0,092	FALSE
-0,045	0,295	-0,002	0,012	0,047	FALSE
0,061	0,316	0,001	0,007	0,073	FALSE
-0,029	0,307	0,000	0,007	0,007	FALSE
-0,090	0,301	-0,003	0,011	0,116	FALSE
0,025	0,308	0,000	0,010	0,017	FALSE
-0,033	0,307	0,000	0,011	0,000	FALSE
0,102	0,300	0,003	0,008	0,133	FALSE
-0,142	0,330	-0,006	0,013	0,172	FALSE
-0,002	0,305	0,000	0,006	0,020	FALSE
-0,125	0,307	-0,006	0,013	0,179	FALSE
0,142	0,301	0,006	0,011	0,216	FALSE
-0,174	0,301	-0,007	0,013	0,242	FALSE
0,048	0,301	0,001	0,007	0,050	FALSE
-0,036	0,297	-0,001	0,009	0,042	FALSE
-0,012	0,305	0,000	0,008	0,020	FALSE
-0,115	0,306	-0,003	0,009	0,129	FALSE
0,062	0,310	0,002	0,009	0,088	FALSE
0,106	0,304	0,003	0,007	0,165	FALSE
-0,006	0,298	0,000	0,008	0,013	FALSE

0,120	0,309	0,003	0,008	0,177	FALSE
0,114	0,319	0,004	0,011	0,122	FALSE
-0,009	0,302	-0,001	0,007	0,028	FALSE
0,047	0,303	0,001	0,009	0,061	FALSE
-0,082	0,313	-0,003	0,009	0,120	FALSE
0,058	0,330	0,001	0,007	0,050	FALSE
-0,037	0,301	-0,002	0,012	0,067	FALSE
0,021	0,314	0,000	0,012	0,005	FALSE
-0,001	0,300	-0,001	0,013	0,016	FALSE
-0,047	0,308	-0,002	0,013	0,065	FALSE
-0,048	0,309	-0,001	0,008	0,036	FALSE
0,021	0,316	0,000	0,013	0,011	FALSE
0,012	0,310	0,000	0,007	0,016	FALSE
0,064	0,318	0,002	0,010	0,087	FALSE
-0,047	0,317	-0,001	0,011	0,044	FALSE
-0,024	0,314	0,000	0,009	0,020	FALSE
0,188	0,308	0,007	0,011	0,288	FALSE
0,024	0,308	0,001	0,013	0,036	FALSE
-0,041	0,312	-0,001	0,008	0,046	FALSE
0,018	0,318	0,000	0,007	0,004	FALSE
-0,098	0,306	-0,002	0,007	0,109	FALSE
0,001	0,309	0,000	0,007	0,011	FALSE
-0,054	0,310	-0,002	0,012	0,052	FALSE
0,065	0,312	0,003	0,012	0,079	FALSE
-0,144	0,299	-0,007	0,013	0,246	FALSE
0,048	0,311	0,002	0,009	0,082	FALSE
-0,138	0,306	-0,005	0,011	0,199	FALSE
-0,094	0,295	-0,004	0,012	0,112	FALSE
0,034	0,304	0,002	0,012	0,067	FALSE
0,064	0,315	0,002	0,008	0,093	FALSE
-0,004	0,304	0,000	0,008	0,014	FALSE
-0,109	0,307	-0,003	0,008	0,162	FALSE
0,010	0,307	0,000	0,010	0,016	FALSE
0,030	0,320	0,001	0,012	0,040	FALSE
-0,112	0,298	-0,004	0,011	0,149	FALSE
0,025	0,298	0,000	0,010	0,007	FALSE
0,036	0,305	0,000	0,011	0,007	FALSE
0,033	0,309	0,001	0,009	0,034	FALSE
0,070	0,317	0,002	0,007	0,088	FALSE
0,074	0,314	0,001	0,007	0,077	FALSE
0,066	0,311	0,003	0,013	0,079	FALSE
0,003	0,305	0,000	0,011	0,012	FALSE
0,085	0,306	0,003	0,009	0,117	FALSE
0,093	0,304	0,001	0,007	0,068	FALSE
0,168	0,292	0,007	0,012	0,254	FALSE
0,004	0,326	0,000	0,007	0,016	FALSE
-0,065	0,309	-0,003	0,011	0,092	FALSE
-0,002	0,319	0,000	0,008	0,015	FALSE
0,043	0,298	0,001	0,009	0,053	FALSE
0,067	0,322	0,001	0,008	0,062	FALSE
0,104	0,303	0,004	0,012	0,146	FALSE
-0,016	0,321	0,000	0,009	0,004	FALSE
0,042	0,321	0,001	0,008	0,037	FALSE

-0,027	0,297	0,000	0,007	0,021	FALSE
0,054	0,313	0,001	0,007	0,073	FALSE
0,004	0,285	0,000	0,009	0,010	FALSE
-0,095	0,309	-0,005	0,012	0,146	FALSE
0,077	0,307	0,003	0,013	0,098	FALSE
-0,017	0,297	0,000	0,006	0,010	FALSE
-0,078	0,299	-0,002	0,008	0,067	FALSE
-0,055	0,300	-0,001	0,008	0,039	FALSE
0,039	0,321	0,001	0,009	0,055	FALSE
-0,137	0,303	-0,004	0,009	0,191	FALSE
-0,031	0,312	-0,001	0,013	0,021	FALSE
-0,003	0,301	-0,001	0,010	0,025	FALSE
0,072	0,295	0,002	0,012	0,065	FALSE
0,006	0,309	-0,001	0,011	0,028	FALSE
0,006	0,319	0,000	0,008	0,003	FALSE
0,055	0,307	0,002	0,012	0,066	FALSE
0,008	0,312	0,001	0,010	0,040	FALSE
0,019	0,302	0,001	0,013	0,020	FALSE
-0,124	0,304	-0,003	0,007	0,154	FALSE
-0,040	0,313	-0,001	0,008	0,037	FALSE
0,032	0,318	0,001	0,012	0,032	FALSE
-0,022	0,315	-0,001	0,009	0,036	FALSE
-0,093	0,305	-0,002	0,008	0,095	FALSE
-0,053	0,309	-0,003	0,012	0,084	FALSE
-0,190	0,290	-0,009	0,012	0,321	FALSE
0,020	0,309	0,001	0,012	0,027	FALSE
0,029	0,316	0,001	0,013	0,036	FALSE
-0,173	0,309	-0,005	0,008	0,298	FALSE
-0,128	0,294	-0,004	0,009	0,164	FALSE
0,051	0,306	0,001	0,010	0,048	FALSE
0,046	0,314	0,001	0,008	0,057	FALSE
0,009	0,307	0,000	0,010	0,008	FALSE
-0,101	0,304	-0,003	0,007	0,156	FALSE
0,098	0,308	0,003	0,009	0,157	FALSE
0,050	0,314	0,002	0,010	0,078	FALSE
0,035	0,312	0,001	0,007	0,042	FALSE
-0,037	0,312	-0,002	0,008	0,080	FALSE
-0,068	0,331	-0,002	0,008	0,077	FALSE
0,051	0,314	0,002	0,012	0,074	FALSE
-0,131	0,310	-0,004	0,009	0,169	FALSE
0,026	0,311	0,001	0,012	0,021	FALSE
0,021	0,300	0,000	0,006	0,024	FALSE
0,008	0,305	0,000	0,010	0,011	FALSE
-0,058	0,305	-0,002	0,010	0,055	FALSE
-0,069	0,314	-0,003	0,013	0,092	FALSE
-0,002	0,300	0,000	0,008	0,005	FALSE
-0,046	0,305	-0,002	0,011	0,070	FALSE
-0,022	0,293	0,000	0,012	0,014	FALSE
-0,030	0,315	0,000	0,007	0,013	FALSE
-0,055	0,305	-0,001	0,012	0,017	FALSE
-0,199	0,291	-0,004	0,007	0,279	FALSE
0,094	0,321	0,003	0,013	0,087	FALSE
-0,173	0,303	-0,005	0,008	0,276	FALSE

-0,155	0,294	-0,005	0,007	0,267	FALSE
-0,025	0,304	0,000	0,007	0,004	FALSE
-0,018	0,313	0,000	0,006	0,011	FALSE
0,087	0,306	0,004	0,010	0,149	FALSE
-0,051	0,313	-0,002	0,010	0,061	FALSE
0,064	0,310	0,001	0,007	0,070	FALSE
-0,118	0,303	-0,003	0,007	0,162	FALSE
-0,023	0,311	-0,001	0,010	0,033	FALSE
0,116	0,303	0,004	0,008	0,208	FALSE
-0,028	0,300	-0,001	0,008	0,061	FALSE
0,003	0,313	0,000	0,011	0,012	FALSE
-0,008	0,317	0,000	0,008	0,004	FALSE
-0,261	0,299	-0,010	0,011	0,403	FALSE
-0,006	0,309	0,000	0,007	0,004	FALSE
0,127	0,310	0,004	0,009	0,162	FALSE
0,000	0,313	0,000	0,011	0,004	FALSE
-0,046	0,313	-0,002	0,010	0,063	FALSE
-0,114	0,308	-0,005	0,013	0,171	FALSE
0,140	0,303	0,004	0,007	0,231	FALSE
0,099	0,305	0,003	0,007	0,151	FALSE
-0,032	0,311	0,000	0,006	0,017	FALSE
-0,052	0,310	-0,002	0,007	0,077	FALSE
0,099	0,302	0,004	0,009	0,156	FALSE
0,124	0,302	0,003	0,007	0,162	FALSE
0,061	0,314	0,002	0,010	0,078	FALSE
-0,074	0,290	-0,003	0,012	0,082	FALSE
-0,107	0,299	-0,003	0,008	0,146	FALSE
-0,068	0,312	-0,003	0,013	0,083	FALSE
0,035	0,318	0,002	0,013	0,044	FALSE
-0,061	0,314	-0,002	0,007	0,095	FALSE
-0,004	0,313	0,000	0,008	0,005	FALSE
-0,031	0,307	-0,002	0,011	0,051	FALSE
-0,170	0,303	-0,004	0,007	0,225	FALSE
0,051	0,309	0,001	0,008	0,064	FALSE
0,069	0,310	0,002	0,009	0,100	FALSE
0,020	0,305	0,000	0,009	0,010	FALSE
0,045	0,318	0,002	0,010	0,078	FALSE
0,100	0,318	0,004	0,010	0,143	FALSE
0,103	0,311	0,003	0,010	0,142	FALSE
0,090	0,326	0,002	0,007	0,114	FALSE
-0,124	0,306	-0,004	0,012	0,136	FALSE
-0,145	0,299	-0,005	0,011	0,169	FALSE
-0,112	0,306	-0,004	0,011	0,136	FALSE
-0,189	0,292	-0,005	0,010	0,240	FALSE
0,055	0,322	0,001	0,007	0,040	FALSE
-0,079	0,318	-0,003	0,013	0,081	FALSE
-0,118	0,301	-0,005	0,012	0,146	FALSE
0,052	0,307	0,001	0,007	0,038	FALSE
-0,028	0,335	0,000	0,008	0,010	FALSE
-0,036	0,303	0,000	0,007	0,021	FALSE
-0,007	0,317	-0,001	0,012	0,016	FALSE
0,001	0,303	0,000	0,012	0,005	FALSE
0,019	0,317	0,001	0,008	0,035	FALSE

0,008	0,313	0,000	0,009	0,015	FALSE
0,088	0,297	0,002	0,006	0,124	FALSE
0,167	0,304	0,006	0,012	0,225	FALSE
0,014	0,304	0,000	0,007	0,008	FALSE
-0,082	0,305	-0,002	0,013	0,069	FALSE
-0,069	0,309	-0,003	0,013	0,093	FALSE
0,084	0,300	0,004	0,011	0,137	FALSE
-0,042	0,314	-0,001	0,008	0,029	FALSE
-0,031	0,301	0,000	0,007	0,025	FALSE
-0,089	0,309	-0,003	0,009	0,138	FALSE
-0,124	0,305	-0,005	0,010	0,192	FALSE
-0,007	0,307	0,000	0,011	0,004	FALSE
-0,029	0,311	0,000	0,008	0,022	FALSE
0,016	0,313	0,001	0,007	0,036	FALSE
0,232	0,303	0,008	0,010	0,383	FALSE
0,083	0,324	0,003	0,010	0,118	FALSE
0,138	0,303	0,003	0,007	0,153	FALSE
-0,114	0,320	-0,005	0,013	0,165	FALSE
-0,026	0,302	0,000	0,008	0,013	FALSE
0,075	0,320	0,002	0,008	0,095	FALSE
-0,020	0,296	0,000	0,012	0,007	FALSE
0,054	0,297	0,001	0,007	0,062	FALSE
-0,104	0,320	-0,004	0,012	0,130	FALSE
0,017	0,319	0,000	0,007	0,008	FALSE
-0,002	0,322	0,000	0,010	0,008	FALSE
0,048	0,306	0,002	0,009	0,074	FALSE
0,010	0,312	0,000	0,010	0,017	FALSE
0,026	0,305	0,002	0,011	0,056	FALSE
0,004	0,297	0,000	0,009	0,008	FALSE
-0,023	0,307	0,000	0,012	0,006	FALSE
-0,049	0,306	-0,002	0,011	0,074	FALSE
0,003	0,302	0,001	0,007	0,028	FALSE
-0,108	0,308	-0,002	0,006	0,122	FALSE
0,024	0,294	0,000	0,010	0,018	FALSE
0,024	0,296	0,001	0,008	0,032	FALSE
-0,130	0,320	-0,002	0,007	0,145	FALSE
-0,097	0,289	-0,005	0,012	0,176	FALSE
0,104	0,300	0,003	0,009	0,121	FALSE
-0,006	0,303	0,000	0,011	0,008	FALSE
-0,224	0,304	-0,010	0,013	0,366	FALSE
0,079	0,298	0,004	0,012	0,132	FALSE
0,070	0,298	0,004	0,011	0,127	FALSE
0,041	0,309	0,002	0,009	0,076	FALSE
0,106	0,296	0,004	0,010	0,184	FALSE
0,129	0,309	0,005	0,010	0,222	FALSE
0,081	0,306	0,003	0,010	0,125	FALSE
-0,075	0,300	-0,002	0,007	0,084	FALSE
0,033	0,325	0,001	0,007	0,060	FALSE
0,002	0,286	0,000	0,007	0,011	FALSE
-0,191	0,305	-0,009	0,013	0,310	FALSE
0,058	0,300	0,001	0,011	0,047	FALSE
-0,025	0,290	0,000	0,007	0,000	FALSE
-0,007	0,317	0,000	0,008	0,017	FALSE

0,057	0,296	0,001	0,006	0,080	FALSE
-0,017	0,317	-0,001	0,013	0,025	FALSE
-0,003	0,310	0,000	0,013	0,001	FALSE
0,006	0,303	0,000	0,008	0,021	FALSE
-0,009	0,301	-0,001	0,010	0,052	FALSE
-0,027	0,303	0,000	0,008	0,023	FALSE
-0,011	0,305	-0,001	0,010	0,025	FALSE
-0,039	0,310	-0,002	0,012	0,049	FALSE
0,052	0,315	0,002	0,011	0,061	FALSE
-0,006	0,310	-0,001	0,013	0,028	FALSE
-0,013	0,298	-0,001	0,012	0,038	FALSE
-0,142	0,308	-0,004	0,008	0,235	FALSE
-0,050	0,312	-0,001	0,006	0,075	FALSE
-0,099	0,308	-0,002	0,007	0,105	FALSE
0,150	0,293	0,005	0,011	0,187	FALSE
-0,065	0,307	-0,002	0,010	0,061	FALSE
-0,094	0,305	-0,005	0,012	0,174	FALSE
0,011	0,308	0,000	0,008	0,014	FALSE
-0,086	0,308	-0,002	0,007	0,098	FALSE
-0,080	0,301	-0,003	0,011	0,113	FALSE
-0,065	0,298	-0,002	0,008	0,080	FALSE
-0,038	0,332	-0,001	0,008	0,055	FALSE
-0,015	0,300	0,000	0,006	0,001	FALSE
0,170	0,313	0,005	0,008	0,250	FALSE
0,099	0,295	0,003	0,011	0,113	FALSE
0,047	0,318	0,002	0,010	0,069	FALSE
0,014	0,311	0,001	0,012	0,018	FALSE
-0,104	0,310	-0,002	0,006	0,128	FALSE
-0,107	0,328	-0,003	0,011	0,098	FALSE
-0,025	0,311	-0,001	0,012	0,039	FALSE
-0,065	0,300	-0,002	0,008	0,101	FALSE
-0,055	0,313	-0,001	0,008	0,074	FALSE
0,154	0,304	0,007	0,012	0,233	FALSE
-0,047	0,309	-0,001	0,009	0,053	FALSE
-0,028	0,305	-0,001	0,007	0,045	FALSE
0,037	0,299	0,001	0,010	0,038	FALSE
0,042	0,306	0,001	0,007	0,077	FALSE
-0,018	0,299	0,000	0,006	0,003	FALSE
0,010	0,292	0,000	0,007	0,025	FALSE
-0,080	0,301	-0,001	0,006	0,094	FALSE
0,006	0,296	0,000	0,011	0,004	FALSE
-0,013	0,300	0,000	0,006	0,001	FALSE
0,103	0,304	0,004	0,011	0,154	FALSE
0,061	0,314	0,002	0,009	0,086	FALSE
-0,127	0,307	-0,003	0,007	0,158	FALSE
0,190	0,303	0,007	0,011	0,286	FALSE
-0,176	0,307	-0,004	0,007	0,263	FALSE
0,100	0,302	0,004	0,011	0,126	FALSE
-0,034	0,296	-0,001	0,008	0,043	FALSE
0,036	0,300	0,001	0,008	0,028	FALSE
0,014	0,303	0,000	0,008	0,005	FALSE
-0,037	0,310	0,000	0,006	0,016	FALSE
0,019	0,315	0,001	0,008	0,031	FALSE

0,055	0,301	0,001	0,007	0,068	FALSE
0,056	0,299	0,001	0,007	0,044	FALSE
0,031	0,312	0,001	0,008	0,054	FALSE
0,083	0,308	0,003	0,013	0,105	FALSE
0,008	0,313	0,001	0,010	0,021	FALSE
-0,050	0,307	-0,001	0,010	0,028	FALSE
0,005	0,317	0,001	0,012	0,030	FALSE
0,071	0,303	0,002	0,007	0,082	FALSE
0,060	0,303	0,002	0,012	0,064	FALSE
-0,040	0,289	-0,001	0,008	0,066	FALSE
-0,075	0,309	-0,002	0,009	0,071	FALSE
-0,015	0,295	-0,001	0,008	0,032	FALSE
-0,019	0,300	-0,001	0,008	0,043	FALSE
-0,043	0,314	-0,001	0,009	0,057	FALSE
-0,068	0,298	-0,003	0,012	0,079	FALSE
-0,002	0,302	0,000	0,007	0,021	FALSE
-0,083	0,301	-0,003	0,010	0,097	FALSE
-0,055	0,301	-0,001	0,006	0,075	FALSE
0,030	0,314	0,001	0,011	0,018	FALSE
-0,110	0,300	-0,003	0,009	0,154	FALSE
0,077	0,297	0,003	0,011	0,095	FALSE
0,044	0,323	0,002	0,007	0,091	FALSE
0,013	0,308	0,000	0,006	0,003	FALSE
0,011	0,300	0,000	0,013	0,004	FALSE
-0,035	0,310	-0,001	0,010	0,031	FALSE
0,049	0,311	0,001	0,006	0,087	FALSE
0,000	0,306	0,000	0,011	0,012	FALSE
-0,022	0,311	-0,001	0,007	0,051	FALSE
-0,091	0,301	-0,002	0,007	0,126	FALSE
-0,043	0,307	-0,002	0,009	0,071	FALSE
0,143	0,306	0,003	0,008	0,154	FALSE
0,058	0,305	0,001	0,007	0,061	FALSE
0,041	0,314	0,002	0,010	0,074	FALSE
0,014	0,303	0,001	0,010	0,046	FALSE
-0,023	0,311	-0,001	0,009	0,042	FALSE
-0,044	0,324	-0,002	0,009	0,064	FALSE
-0,121	0,318	-0,003	0,007	0,166	FALSE
0,005	0,310	0,000	0,009	0,002	FALSE
-0,041	0,293	-0,001	0,006	0,092	FALSE
-0,042	0,303	-0,001	0,008	0,050	FALSE
-0,018	0,303	-0,001	0,009	0,022	FALSE
0,046	0,317	0,001	0,009	0,049	FALSE
-0,150	0,311	-0,004	0,009	0,208	FALSE
-0,139	0,331	-0,004	0,010	0,181	FALSE
-0,029	0,305	-0,001	0,012	0,029	FALSE
0,077	0,309	0,002	0,007	0,124	FALSE
0,040	0,300	0,001	0,007	0,049	FALSE
-0,012	0,304	0,000	0,007	0,002	FALSE
-0,088	0,301	-0,002	0,007	0,132	FALSE
-0,023	0,298	-0,002	0,013	0,055	FALSE
0,115	0,294	0,002	0,007	0,129	FALSE
-0,226	0,298	-0,005	0,007	0,355	FALSE
-0,103	0,317	-0,003	0,008	0,146	FALSE

0,083	0,289	0,004	0,010	0,150	FALSE
-0,007	0,318	-0,001	0,009	0,020	FALSE
0,101	0,292	0,002	0,006	0,157	FALSE
-0,080	0,299	-0,004	0,012	0,128	FALSE
-0,019	0,310	-0,001	0,013	0,024	FALSE
0,043	0,309	0,002	0,012	0,048	FALSE
-0,048	0,299	-0,002	0,011	0,055	FALSE
0,014	0,298	0,000	0,009	0,002	FALSE
0,075	0,305	0,003	0,012	0,087	FALSE
-0,011	0,312	0,000	0,010	0,005	FALSE
-0,054	0,304	-0,001	0,010	0,044	FALSE
-0,045	0,317	-0,002	0,008	0,074	FALSE
-0,186	0,307	-0,006	0,010	0,249	FALSE
0,112	0,302	0,002	0,006	0,149	FALSE
0,051	0,322	0,001	0,007	0,063	FALSE
-0,012	0,315	0,000	0,009	0,002	FALSE
-0,037	0,307	-0,001	0,009	0,029	FALSE
-0,007	0,326	0,000	0,012	0,005	FALSE
-0,018	0,305	0,000	0,010	0,006	FALSE
-0,171	0,300	-0,006	0,010	0,252	FALSE
-0,092	0,299	-0,004	0,012	0,124	FALSE
0,105	0,289	0,002	0,006	0,169	FALSE
-0,067	0,291	-0,002	0,010	0,071	FALSE
0,024	0,299	0,001	0,006	0,046	FALSE
-0,089	0,296	-0,004	0,012	0,115	FALSE
-0,065	0,307	-0,002	0,010	0,076	FALSE
0,073	0,311	0,002	0,010	0,091	FALSE
0,088	0,306	0,003	0,011	0,097	FALSE
0,147	0,297	0,005	0,012	0,190	FALSE
-0,060	0,292	-0,002	0,008	0,080	FALSE
0,005	0,309	0,000	0,008	0,003	FALSE
0,118	0,302	0,006	0,012	0,193	FALSE
0,084	0,301	0,004	0,012	0,127	FALSE
0,126	0,296	0,002	0,006	0,171	FALSE
0,027	0,302	0,001	0,007	0,066	FALSE
0,098	0,305	0,003	0,007	0,151	FALSE
-0,014	0,313	0,000	0,013	0,012	FALSE
0,037	0,313	0,001	0,008	0,053	FALSE
0,030	0,300	0,002	0,012	0,047	FALSE
-0,109	0,302	-0,005	0,011	0,177	FALSE
0,073	0,323	0,002	0,007	0,104	FALSE
0,076	0,317	0,002	0,009	0,095	FALSE
-0,055	0,300	-0,001	0,006	0,072	FALSE
-0,042	0,317	-0,002	0,013	0,059	FALSE
-0,019	0,305	0,000	0,008	0,007	FALSE
0,007	0,311	0,000	0,009	0,016	FALSE
-0,006	0,309	0,000	0,008	0,023	FALSE
-0,022	0,317	0,000	0,008	0,014	FALSE
0,029	0,302	0,001	0,007	0,053	FALSE
-0,015	0,323	0,000	0,010	0,008	FALSE
-0,039	0,294	-0,001	0,008	0,043	FALSE
0,072	0,329	0,003	0,011	0,091	FALSE
0,121	0,297	0,004	0,009	0,197	FALSE

-0,041	0,302	-0,002	0,013	0,067	FALSE
0,155	0,322	0,006	0,011	0,233	FALSE
-0,011	0,299	0,000	0,010	0,004	FALSE
-0,026	0,312	-0,001	0,013	0,030	FALSE
-0,116	0,299	-0,004	0,010	0,147	FALSE
0,017	0,296	0,001	0,012	0,018	FALSE
0,108	0,321	0,003	0,008	0,143	FALSE
0,033	0,317	0,001	0,007	0,070	FALSE
-0,098	0,303	-0,005	0,012	0,169	FALSE
0,025	0,310	0,001	0,010	0,020	FALSE
0,110	0,301	0,003	0,008	0,159	FALSE
-0,047	0,306	-0,002	0,011	0,067	FALSE
0,140	0,295	0,005	0,009	0,235	FALSE
0,021	0,312	0,000	0,007	0,021	FALSE
-0,019	0,308	-0,001	0,010	0,020	FALSE
0,029	0,310	0,001	0,010	0,050	FALSE
0,026	0,300	0,001	0,012	0,025	FALSE
0,038	0,313	0,001	0,011	0,029	FALSE
0,045	0,306	0,001	0,008	0,047	FALSE
0,056	0,315	0,001	0,008	0,059	FALSE
0,085	0,317	0,003	0,012	0,109	FALSE
-0,011	0,302	0,000	0,010	0,002	FALSE
-0,002	0,311	0,000	0,009	0,003	FALSE
0,038	0,321	0,001	0,008	0,042	FALSE
-0,028	0,320	-0,001	0,007	0,035	FALSE
-0,076	0,312	-0,002	0,008	0,084	FALSE
0,016	0,305	0,001	0,010	0,032	FALSE
-0,117	0,327	-0,002	0,007	0,135	FALSE
-0,006	0,307	0,000	0,007	0,023	FALSE
-0,136	0,289	-0,006	0,012	0,209	FALSE
-0,029	0,307	-0,002	0,011	0,059	FALSE
-0,098	0,303	-0,003	0,012	0,097	FALSE
-0,065	0,302	-0,002	0,011	0,088	FALSE
0,151	0,300	0,003	0,007	0,189	FALSE
-0,075	0,315	-0,002	0,010	0,057	FALSE
0,191	0,308	0,005	0,008	0,295	FALSE
-0,024	0,323	-0,001	0,007	0,038	FALSE
-0,006	0,299	0,000	0,012	0,013	FALSE
-0,115	0,317	-0,004	0,011	0,152	FALSE
-0,032	0,316	-0,002	0,013	0,044	FALSE
-0,046	0,315	-0,002	0,013	0,053	FALSE
0,014	0,308	0,000	0,009	0,016	FALSE
0,048	0,291	0,001	0,007	0,061	FALSE
0,016	0,307	0,000	0,011	0,002	FALSE
0,126	0,302	0,003	0,008	0,162	FALSE
0,034	0,308	0,000	0,011	0,014	FALSE
-0,022	0,310	-0,001	0,013	0,025	FALSE
-0,046	0,309	-0,001	0,009	0,057	FALSE
-0,193	0,314	-0,007	0,011	0,275	FALSE
-0,051	0,289	-0,001	0,007	0,068	FALSE
-0,025	0,310	-0,001	0,012	0,018	FALSE
0,090	0,312	0,003	0,013	0,080	FALSE
-0,183	0,292	-0,005	0,008	0,255	FALSE

-0,001	0,306	0,000	0,011	0,012	FALSE
-0,015	0,298	0,000	0,007	0,012	FALSE
-0,094	0,302	-0,002	0,007	0,127	FALSE
-0,098	0,309	-0,004	0,011	0,128	FALSE
0,020	0,297	0,000	0,012	0,005	FALSE
0,138	0,308	0,006	0,012	0,209	FALSE
0,037	0,320	0,002	0,011	0,058	FALSE
0,140	0,309	0,004	0,007	0,229	FALSE
0,086	0,301	0,003	0,011	0,113	FALSE
-0,070	0,313	-0,002	0,008	0,100	FALSE
-0,059	0,305	-0,001	0,007	0,038	FALSE
-0,143	0,309	-0,005	0,011	0,185	FALSE
-0,034	0,317	-0,001	0,007	0,046	FALSE
0,036	0,317	0,000	0,009	0,017	FALSE
0,136	0,294	0,002	0,006	0,148	FALSE
0,081	0,313	0,002	0,011	0,085	FALSE
0,068	0,302	0,002	0,011	0,070	FALSE
0,079	0,303	0,004	0,012	0,135	FALSE
-0,133	0,296	-0,006	0,012	0,205	FALSE
-0,038	0,320	-0,001	0,007	0,052	FALSE
-0,035	0,314	-0,001	0,012	0,025	FALSE
-0,014	0,318	-0,001	0,013	0,028	FALSE
0,003	0,319	0,000	0,011	0,006	FALSE
0,080	0,295	0,005	0,012	0,150	FALSE
0,118	0,302	0,005	0,013	0,144	FALSE
0,004	0,300	0,000	0,007	0,011	FALSE
0,080	0,307	0,002	0,009	0,089	FALSE
-0,056	0,313	-0,002	0,012	0,078	FALSE
-0,056	0,313	-0,001	0,007	0,063	FALSE
0,042	0,317	0,002	0,011	0,069	FALSE
-0,076	0,298	-0,002	0,008	0,107	FALSE
-0,047	0,306	-0,001	0,007	0,076	FALSE
-0,034	0,312	-0,002	0,013	0,060	FALSE
-0,109	0,299	-0,002	0,006	0,143	FALSE
0,167	0,295	0,005	0,008	0,255	FALSE
-0,062	0,311	-0,002	0,011	0,086	FALSE
0,152	0,303	0,005	0,010	0,203	FALSE
0,038	0,321	0,001	0,007	0,048	FALSE
-0,116	0,296	-0,003	0,007	0,171	FALSE
0,001	0,326	0,000	0,008	0,006	FALSE
-0,069	0,311	-0,002	0,007	0,090	FALSE
0,121	0,307	0,005	0,012	0,156	FALSE
-0,111	0,291	-0,002	0,007	0,141	FALSE
-0,151	0,307	-0,003	0,007	0,193	FALSE
-0,040	0,298	-0,002	0,009	0,070	FALSE
-0,144	0,313	-0,003	0,007	0,179	FALSE
0,015	0,300	0,000	0,012	0,006	FALSE
-0,097	0,300	-0,002	0,007	0,133	FALSE
-0,006	0,282	0,000	0,010	0,000	FALSE
-0,013	0,287	-0,001	0,012	0,021	FALSE
-0,156	0,287	-0,004	0,008	0,218	FALSE
-0,064	0,305	-0,001	0,007	0,068	FALSE
0,071	0,315	0,003	0,012	0,093	FALSE

0,082	0,309	0,003	0,012	0,110	FALSE
0,035	0,309	0,001	0,012	0,025	FALSE
-0,120	0,302	-0,002	0,006	0,143	FALSE
0,164	0,298	0,006	0,011	0,231	FALSE
-0,036	0,309	-0,001	0,008	0,069	FALSE
0,041	0,307	0,001	0,006	0,049	FALSE
0,058	0,301	0,001	0,006	0,068	FALSE
-0,163	0,304	-0,004	0,008	0,240	FALSE
0,009	0,309	0,000	0,007	0,021	FALSE
-0,060	0,302	-0,001	0,008	0,067	FALSE
-0,027	0,304	-0,001	0,007	0,037	FALSE
-0,013	0,312	0,000	0,007	0,002	FALSE
0,007	0,297	0,001	0,011	0,019	FALSE
0,014	0,302	0,001	0,013	0,014	FALSE
0,146	0,305	0,003	0,007	0,195	FALSE
0,078	0,310	0,003	0,010	0,136	FALSE
-0,076	0,290	-0,003	0,009	0,132	FALSE
-0,056	0,311	-0,002	0,008	0,081	FALSE
0,027	0,306	0,002	0,008	0,070	FALSE
0,053	0,300	0,001	0,012	0,034	FALSE
-0,051	0,293	-0,001	0,007	0,072	FALSE
-0,005	0,311	0,000	0,011	0,000	FALSE
-0,055	0,320	-0,001	0,010	0,053	FALSE
-0,055	0,312	-0,002	0,009	0,060	FALSE
0,125	0,308	0,003	0,006	0,205	FALSE
0,024	0,302	0,001	0,010	0,034	FALSE
0,040	0,305	0,001	0,008	0,057	FALSE
-0,026	0,310	-0,001	0,007	0,033	FALSE
-0,064	0,314	-0,002	0,009	0,107	FALSE
0,100	0,304	0,003	0,008	0,118	FALSE
-0,041	0,306	-0,001	0,007	0,036	FALSE
-0,048	0,296	-0,001	0,007	0,045	FALSE
0,030	0,304	0,000	0,008	0,014	FALSE
-0,029	0,306	-0,001	0,013	0,015	FALSE
0,037	0,313	0,001	0,008	0,031	FALSE
-0,018	0,323	0,000	0,007	0,006	FALSE
-0,019	0,308	-0,001	0,008	0,026	FALSE
0,008	0,298	0,000	0,007	0,014	FALSE
0,159	0,300	0,005	0,008	0,240	FALSE
-0,064	0,318	-0,002	0,008	0,090	FALSE
-0,002	0,306	0,001	0,012	0,025	FALSE
-0,167	0,285	-0,006	0,011	0,247	FALSE
-0,145	0,307	-0,006	0,013	0,205	FALSE
-0,128	0,296	-0,005	0,011	0,179	FALSE
0,129	0,282	0,004	0,010	0,150	FALSE
0,088	0,321	0,004	0,013	0,113	FALSE
0,102	0,299	0,003	0,010	0,128	FALSE
-0,047	0,300	-0,002	0,012	0,051	FALSE
0,040	0,321	0,001	0,011	0,036	FALSE
-0,080	0,312	-0,004	0,013	0,111	FALSE
-0,032	0,318	-0,002	0,013	0,057	FALSE
-0,020	0,315	-0,001	0,012	0,026	FALSE
0,057	0,308	0,003	0,010	0,113	FALSE

-0,063	0,315	-0,001	0,008	0,058	FALSE
0,029	0,314	0,002	0,010	0,069	FALSE
0,107	0,315	0,002	0,007	0,132	FALSE
-0,039	0,297	-0,002	0,011	0,083	FALSE
0,040	0,310	0,002	0,009	0,087	FALSE
0,000	0,314	0,001	0,010	0,028	FALSE
-0,159	0,320	-0,003	0,007	0,193	FALSE
-0,148	0,292	-0,004	0,008	0,206	FALSE
0,051	0,305	0,001	0,006	0,083	FALSE
-0,162	0,297	-0,005	0,009	0,231	FALSE
-0,189	0,308	-0,007	0,011	0,283	FALSE
-0,079	0,310	-0,001	0,007	0,079	FALSE
0,067	0,299	0,002	0,007	0,089	FALSE
-0,017	0,320	0,000	0,010	0,014	FALSE
0,108	0,311	0,002	0,007	0,131	FALSE
-0,049	0,307	-0,001	0,008	0,061	FALSE
-0,015	0,307	0,000	0,008	0,002	FALSE
0,020	0,307	0,001	0,011	0,031	FALSE
0,000	0,298	-0,001	0,007	0,041	FALSE
-0,095	0,316	-0,003	0,010	0,130	FALSE
-0,037	0,309	-0,001	0,007	0,048	FALSE
-0,043	0,297	-0,001	0,008	0,064	FALSE
0,088	0,313	0,004	0,012	0,115	FALSE
-0,042	0,304	0,000	0,007	0,023	FALSE
0,030	0,305	0,001	0,008	0,027	FALSE
0,028	0,289	0,002	0,011	0,078	FALSE
-0,049	0,291	-0,001	0,007	0,034	FALSE
0,011	0,313	0,001	0,012	0,029	FALSE
0,029	0,318	0,000	0,011	0,009	FALSE
0,005	0,299	0,000	0,009	0,003	FALSE
0,093	0,319	0,003	0,008	0,143	FALSE
-0,022	0,309	0,000	0,008	0,013	FALSE
-0,013	0,300	0,000	0,009	0,019	FALSE
0,041	0,302	0,001	0,007	0,051	FALSE
-0,005	0,299	0,000	0,007	0,026	FALSE
0,096	0,309	0,003	0,010	0,121	FALSE
0,076	0,305	0,003	0,010	0,104	FALSE
-0,142	0,295	-0,006	0,012	0,213	FALSE
0,090	0,317	0,003	0,012	0,110	FALSE
-0,004	0,314	0,000	0,009	0,007	FALSE
0,047	0,300	0,002	0,010	0,070	FALSE
-0,052	0,312	-0,001	0,008	0,039	FALSE
-0,053	0,305	-0,002	0,007	0,092	FALSE
-0,037	0,301	0,000	0,007	0,002	FALSE
-0,051	0,302	-0,002	0,008	0,081	FALSE
-0,002	0,308	0,000	0,007	0,006	FALSE
-0,016	0,298	0,000	0,007	0,024	FALSE
0,057	0,307	0,002	0,011	0,075	FALSE
0,089	0,295	0,004	0,012	0,117	FALSE
0,107	0,304	0,002	0,007	0,109	FALSE
-0,060	0,293	-0,002	0,012	0,049	FALSE
0,084	0,298	0,003	0,010	0,092	FALSE
-0,012	0,319	0,000	0,013	0,002	FALSE

-0,025	0,308	-0,001	0,013	0,016	FALSE
-0,113	0,306	-0,002	0,007	0,127	FALSE
-0,036	0,307	-0,001	0,008	0,037	FALSE
0,015	0,313	0,001	0,008	0,032	FALSE
-0,043	0,305	-0,002	0,009	0,068	FALSE
-0,113	0,300	-0,004	0,011	0,163	FALSE
-0,007	0,308	0,000	0,012	0,006	FALSE
-0,078	0,315	-0,003	0,009	0,116	FALSE
0,162	0,298	0,005	0,009	0,232	FALSE
-0,142	0,306	-0,006	0,010	0,244	FALSE
0,271	0,292	0,007	0,008	0,408	FALSE
-0,002	0,304	0,000	0,012	0,010	FALSE
0,023	0,310	0,001	0,008	0,028	FALSE
-0,102	0,312	-0,004	0,012	0,120	FALSE
0,001	0,302	0,000	0,012	0,002	FALSE
0,023	0,316	0,000	0,013	0,012	FALSE
-0,091	0,309	-0,004	0,013	0,138	FALSE
-0,025	0,308	0,000	0,008	0,022	FALSE
-0,030	0,299	-0,002	0,011	0,050	FALSE
-0,014	0,310	0,000	0,010	0,016	FALSE
0,003	0,309	0,000	0,011	0,008	FALSE
0,020	0,316	0,000	0,008	0,011	FALSE
-0,079	0,299	-0,004	0,013	0,125	FALSE
-0,007	0,323	0,000	0,011	0,002	FALSE
-0,127	0,309	-0,005	0,009	0,208	FALSE
-0,110	0,308	-0,003	0,008	0,140	FALSE
0,014	0,307	0,000	0,012	0,015	FALSE
-0,102	0,314	-0,003	0,008	0,137	FALSE
-0,011	0,313	-0,001	0,009	0,024	FALSE
0,023	0,315	0,001	0,011	0,039	FALSE
0,028	0,325	0,001	0,007	0,041	FALSE
0,144	0,295	0,004	0,008	0,204	FALSE
-0,057	0,310	-0,002	0,009	0,068	FALSE
0,138	0,299	0,005	0,012	0,174	FALSE
-0,092	0,308	-0,002	0,007	0,093	FALSE
-0,051	0,316	-0,001	0,010	0,044	FALSE
-0,076	0,313	-0,002	0,010	0,080	FALSE
0,024	0,310	0,001	0,010	0,045	FALSE
0,027	0,295	0,001	0,007	0,055	FALSE
-0,185	0,300	-0,006	0,010	0,260	FALSE
-0,035	0,302	-0,001	0,011	0,026	FALSE
0,025	0,312	0,000	0,011	0,014	FALSE
-0,011	0,313	0,000	0,008	0,013	FALSE
0,122	0,317	0,003	0,008	0,144	FALSE
0,041	0,293	0,001	0,006	0,066	FALSE
0,090	0,308	0,003	0,009	0,109	FALSE
0,087	0,302	0,002	0,009	0,093	FALSE
0,105	0,315	0,003	0,009	0,128	FALSE
0,051	0,319	0,001	0,013	0,039	FALSE
0,009	0,318	-0,001	0,010	0,021	FALSE
-0,056	0,312	-0,001	0,007	0,034	FALSE
-0,058	0,314	-0,002	0,013	0,054	FALSE
-0,143	0,299	-0,004	0,010	0,171	FALSE

-0,022	0,307	-0,001	0,012	0,044	FALSE
-0,135	0,298	-0,004	0,010	0,170	FALSE
-0,121	0,299	-0,004	0,010	0,152	FALSE
-0,079	0,308	-0,003	0,012	0,110	FALSE
-0,077	0,287	-0,001	0,008	0,050	FALSE
-0,040	0,325	-0,002	0,011	0,051	FALSE
-0,027	0,303	-0,001	0,008	0,040	FALSE
0,079	0,304	0,002	0,006	0,106	FALSE
0,026	0,301	0,000	0,006	0,001	FALSE
0,092	0,298	0,003	0,011	0,103	FALSE
-0,031	0,317	-0,001	0,012	0,025	FALSE
0,017	0,298	0,000	0,006	0,010	FALSE
0,028	0,298	0,001	0,010	0,027	FALSE
-0,013	0,301	0,000	0,006	0,018	FALSE
-0,046	0,309	-0,002	0,009	0,082	FALSE
0,027	0,318	0,001	0,009	0,037	FALSE
0,071	0,309	0,003	0,011	0,120	FALSE
0,099	0,305	0,003	0,008	0,129	FALSE
0,162	0,300	0,004	0,007	0,223	FALSE
0,063	0,303	0,002	0,011	0,066	FALSE
-0,089	0,315	-0,003	0,010	0,120	FALSE
-0,095	0,306	-0,003	0,011	0,120	FALSE
-0,003	0,311	0,000	0,012	0,012	FALSE
0,006	0,313	0,001	0,007	0,027	FALSE
0,061	0,295	0,001	0,009	0,045	FALSE
-0,069	0,297	-0,002	0,008	0,083	FALSE
-0,120	0,308	-0,003	0,008	0,140	FALSE
0,034	0,305	0,001	0,013	0,025	FALSE
0,005	0,312	0,000	0,007	0,007	FALSE
-0,028	0,309	-0,001	0,009	0,038	FALSE
-0,061	0,313	-0,001	0,008	0,053	FALSE
0,013	0,306	0,000	0,009	0,002	FALSE
-0,051	0,310	-0,002	0,012	0,052	FALSE
-0,004	0,315	0,000	0,008	0,014	FALSE
0,014	0,307	0,001	0,013	0,019	FALSE
-0,083	0,300	-0,002	0,007	0,098	FALSE
-0,049	0,314	-0,002	0,011	0,060	FALSE
0,078	0,311	0,002	0,007	0,094	FALSE
-0,008	0,307	0,000	0,007	0,008	FALSE
-0,180	0,300	-0,006	0,011	0,236	FALSE
0,105	0,304	0,004	0,012	0,124	FALSE
0,052	0,310	0,001	0,008	0,055	FALSE
-0,104	0,300	-0,002	0,006	0,138	FALSE
-0,026	0,304	-0,001	0,007	0,027	FALSE
-0,012	0,312	0,000	0,007	0,006	FALSE
-0,066	0,291	-0,001	0,007	0,042	FALSE
-0,077	0,301	-0,002	0,010	0,086	FALSE
0,051	0,308	0,001	0,008	0,066	FALSE
0,019	0,309	0,001	0,009	0,037	FALSE
-0,039	0,303	-0,003	0,011	0,085	FALSE
-0,039	0,311	0,000	0,007	0,016	FALSE
-0,053	0,307	-0,002	0,012	0,052	FALSE
0,034	0,300	0,001	0,007	0,060	FALSE

0,149	0,315	0,004	0,007	0,226	FALSE
-0,013	0,295	0,000	0,006	0,014	FALSE
0,086	0,294	0,003	0,010	0,103	FALSE
0,032	0,312	0,001	0,011	0,024	FALSE
0,059	0,293	0,001	0,008	0,052	FALSE
-0,010	0,312	0,000	0,010	0,013	FALSE
-0,004	0,300	0,000	0,007	0,011	FALSE
-0,018	0,307	0,000	0,010	0,006	FALSE
0,093	0,318	0,003	0,011	0,102	FALSE
-0,071	0,318	-0,002	0,008	0,094	FALSE
-0,044	0,310	-0,001	0,009	0,042	FALSE
-0,009	0,301	-0,001	0,008	0,027	FALSE
0,031	0,306	0,001	0,008	0,029	FALSE
0,010	0,313	0,000	0,008	0,001	FALSE
-0,041	0,298	-0,001	0,009	0,047	FALSE
-0,063	0,306	-0,003	0,010	0,096	FALSE
-0,045	0,310	-0,001	0,011	0,043	FALSE
0,093	0,305	0,002	0,007	0,133	FALSE
0,067	0,315	0,003	0,013	0,076	FALSE
-0,111	0,316	-0,003	0,009	0,142	FALSE
0,021	0,316	0,001	0,013	0,030	FALSE
-0,089	0,296	-0,003	0,009	0,137	FALSE
0,019	0,308	0,001	0,010	0,020	FALSE
-0,025	0,303	-0,001	0,006	0,059	FALSE
0,180	0,299	0,005	0,008	0,265	FALSE
-0,094	0,315	-0,002	0,007	0,094	FALSE
-0,010	0,303	0,000	0,008	0,022	FALSE
-0,056	0,309	-0,002	0,009	0,087	FALSE
-0,088	0,300	-0,003	0,012	0,095	FALSE
0,101	0,315	0,004	0,011	0,170	FALSE
0,106	0,303	0,004	0,010	0,168	FALSE
0,047	0,315	0,001	0,007	0,040	FALSE
0,127	0,284	0,004	0,009	0,187	FALSE
0,055	0,309	0,001	0,007	0,074	FALSE
-0,024	0,323	-0,001	0,010	0,028	FALSE
0,010	0,317	0,000	0,011	0,013	FALSE
-0,123	0,316	-0,003	0,008	0,144	FALSE
-0,041	0,311	-0,001	0,007	0,047	FALSE
0,087	0,316	0,003	0,010	0,127	FALSE
0,106	0,305	0,004	0,010	0,155	FALSE
0,040	0,312	0,001	0,008	0,049	FALSE
-0,133	0,300	-0,006	0,012	0,194	FALSE
0,066	0,318	0,002	0,009	0,099	FALSE
-0,104	0,316	-0,004	0,013	0,142	FALSE
-0,143	0,313	-0,006	0,013	0,190	FALSE
0,031	0,308	0,001	0,011	0,025	FALSE
0,026	0,325	0,000	0,011	0,006	FALSE
0,059	0,308	0,001	0,007	0,081	FALSE
0,064	0,323	0,002	0,008	0,072	FALSE
0,021	0,310	0,001	0,012	0,032	FALSE
-0,126	0,312	-0,005	0,011	0,180	FALSE
0,042	0,309	0,001	0,009	0,054	FALSE
-0,012	0,318	0,000	0,013	0,002	FALSE

0,022	0,301	0,001	0,010	0,038	FALSE
-0,007	0,307	0,000	0,011	0,009	FALSE
0,047	0,287	0,003	0,010	0,098	FALSE
0,024	0,312	0,001	0,012	0,043	FALSE
-0,061	0,301	-0,001	0,006	0,060	FALSE
0,112	0,302	0,003	0,008	0,146	FALSE
-0,014	0,305	-0,001	0,008	0,038	FALSE
0,099	0,302	0,004	0,011	0,148	FALSE
-0,008	0,298	-0,001	0,013	0,043	FALSE
-0,056	0,303	-0,001	0,008	0,056	FALSE
0,084	0,291	0,002	0,011	0,076	FALSE
0,007	0,308	-0,001	0,009	0,020	FALSE
0,176	0,294	0,006	0,011	0,243	FALSE
0,016	0,313	0,001	0,006	0,032	FALSE
0,199	0,290	0,005	0,007	0,326	FALSE
-0,089	0,300	-0,003	0,010	0,111	FALSE
-0,111	0,305	-0,003	0,009	0,107	FALSE
-0,087	0,300	-0,002	0,008	0,106	FALSE
0,026	0,310	0,001	0,012	0,042	FALSE
0,065	0,322	0,002	0,013	0,064	FALSE
0,055	0,303	0,002	0,013	0,064	FALSE
0,035	0,301	0,001	0,013	0,034	FALSE
-0,081	0,293	-0,002	0,008	0,106	FALSE
0,101	0,312	0,003	0,009	0,117	FALSE
0,037	0,295	0,001	0,006	0,054	FALSE
-0,025	0,317	-0,001	0,007	0,030	FALSE
-0,037	0,311	-0,001	0,010	0,038	FALSE
-0,040	0,315	-0,001	0,010	0,041	FALSE
0,037	0,319	0,000	0,007	0,023	FALSE
-0,030	0,304	0,000	0,008	0,023	FALSE
0,062	0,300	0,001	0,007	0,046	FALSE
0,061	0,306	0,002	0,007	0,096	FALSE
-0,046	0,315	-0,001	0,007	0,050	FALSE
0,020	0,304	0,000	0,013	0,012	FALSE
0,017	0,292	0,001	0,013	0,021	FALSE
-0,056	0,310	-0,003	0,013	0,074	FALSE
-0,042	0,310	-0,002	0,013	0,060	FALSE
-0,082	0,314	-0,004	0,013	0,119	FALSE
0,192	0,296	0,008	0,012	0,326	FALSE
0,233	0,308	0,010	0,012	0,372	FALSE
-0,008	0,310	0,000	0,008	0,009	FALSE
-0,051	0,303	-0,001	0,008	0,063	FALSE
-0,021	0,294	-0,001	0,012	0,036	FALSE
0,006	0,317	0,000	0,007	0,009	FALSE
0,096	0,309	0,003	0,011	0,117	FALSE
0,087	0,307	0,003	0,013	0,093	FALSE
0,045	0,309	0,001	0,011	0,035	FALSE
0,197	0,284	0,006	0,009	0,298	FALSE
-0,119	0,312	-0,005	0,011	0,176	FALSE
0,088	0,310	0,004	0,010	0,138	FALSE
0,043	0,307	0,001	0,007	0,056	FALSE
-0,096	0,296	-0,004	0,011	0,141	FALSE
-0,133	0,299	-0,004	0,009	0,182	FALSE

0,018	0,308	0,000	0,006	0,000	FALSE
0,035	0,320	0,001	0,009	0,045	FALSE
0,122	0,319	0,004	0,010	0,165	FALSE
0,011	0,310	0,000	0,007	0,003	FALSE
-0,177	0,301	-0,005	0,010	0,231	FALSE
0,025	0,320	0,001	0,007	0,040	FALSE
-0,035	0,309	0,000	0,007	0,017	FALSE
0,079	0,300	0,002	0,007	0,136	FALSE
0,007	0,300	0,000	0,007	0,012	FALSE
-0,003	0,298	0,000	0,006	0,020	FALSE
0,011	0,311	0,001	0,013	0,022	FALSE
0,010	0,313	0,000	0,013	0,011	FALSE
-0,064	0,302	-0,002	0,009	0,071	FALSE
-0,058	0,322	-0,003	0,013	0,091	FALSE
0,036	0,298	0,001	0,006	0,068	FALSE
-0,033	0,306	0,000	0,008	0,010	FALSE
-0,126	0,283	-0,005	0,012	0,184	FALSE
-0,032	0,301	-0,001	0,010	0,041	FALSE
-0,105	0,305	-0,003	0,010	0,115	FALSE
-0,214	0,290	-0,007	0,010	0,342	FALSE
0,139	0,302	0,004	0,007	0,207	FALSE
-0,009	0,307	0,000	0,007	0,001	FALSE
-0,111	0,295	-0,003	0,007	0,165	FALSE
0,054	0,302	0,001	0,006	0,049	FALSE
0,088	0,313	0,002	0,007	0,097	FALSE
0,032	0,325	0,002	0,012	0,050	FALSE
-0,095	0,305	-0,002	0,007	0,142	FALSE
-0,097	0,298	-0,005	0,013	0,141	FALSE
0,096	0,294	0,003	0,008	0,139	FALSE
0,123	0,298	0,005	0,013	0,160	FALSE
0,041	0,318	0,001	0,007	0,024	FALSE
-0,073	0,294	-0,002	0,010	0,098	FALSE
0,030	0,309	0,000	0,010	0,013	FALSE
-0,029	0,299	0,000	0,008	0,014	FALSE
0,083	0,324	0,002	0,009	0,105	FALSE
-0,051	0,299	-0,002	0,012	0,073	FALSE
0,125	0,293	0,003	0,007	0,171	FALSE
-0,101	0,307	-0,002	0,007	0,128	FALSE
-0,062	0,299	-0,001	0,007	0,060	FALSE
0,060	0,309	0,003	0,012	0,107	FALSE
-0,108	0,301	-0,002	0,007	0,129	FALSE
0,022	0,311	0,001	0,013	0,025	FALSE
-0,012	0,306	-0,001	0,011	0,018	FALSE
-0,006	0,309	0,000	0,009	0,003	FALSE
-0,022	0,298	0,000	0,011	0,013	FALSE
-0,091	0,313	-0,003	0,009	0,111	FALSE
0,003	0,320	0,000	0,007	0,004	FALSE
0,035	0,305	0,000	0,009	0,014	FALSE
0,133	0,314	0,005	0,011	0,161	FALSE
0,193	0,293	0,006	0,010	0,255	FALSE
-0,008	0,298	0,000	0,008	0,015	FALSE
0,006	0,288	0,000	0,010	0,007	FALSE
0,039	0,303	0,001	0,011	0,035	FALSE

-0,027	0,317	-0,001	0,009	0,030	FALSE
0,011	0,296	0,000	0,008	0,001	FALSE
-0,020	0,320	-0,001	0,011	0,023	FALSE
-0,036	0,319	-0,001	0,010	0,052	FALSE
-0,091	0,307	-0,004	0,012	0,114	FALSE
0,049	0,319	0,002	0,010	0,054	FALSE
-0,017	0,315	0,000	0,007	0,010	FALSE
0,049	0,291	0,003	0,013	0,092	FALSE
-0,030	0,305	0,000	0,009	0,001	FALSE
-0,069	0,305	-0,001	0,008	0,051	FALSE
0,010	0,304	0,000	0,011	0,006	FALSE
-0,123	0,289	-0,003	0,007	0,176	FALSE
-0,062	0,310	-0,002	0,010	0,065	FALSE
-0,064	0,316	-0,001	0,007	0,040	FALSE
0,061	0,297	0,002	0,011	0,070	FALSE
0,063	0,317	0,003	0,013	0,074	FALSE
-0,019	0,313	-0,001	0,008	0,032	FALSE
-0,052	0,300	-0,002	0,012	0,063	FALSE
-0,046	0,308	-0,002	0,013	0,055	FALSE
0,132	0,296	0,003	0,007	0,188	FALSE
-0,033	0,307	0,000	0,007	0,022	FALSE
0,008	0,308	0,000	0,007	0,015	FALSE
-0,048	0,304	-0,001	0,006	0,067	FALSE
0,046	0,294	0,001	0,012	0,037	FALSE
0,117	0,315	0,003	0,008	0,162	FALSE
-0,075	0,306	-0,002	0,011	0,077	FALSE
0,038	0,312	0,001	0,012	0,035	FALSE
-0,061	0,315	-0,001	0,007	0,067	FALSE
0,063	0,311	0,002	0,007	0,087	FALSE
0,097	0,293	0,004	0,012	0,119	FALSE
0,146	0,292	0,005	0,012	0,192	FALSE
0,043	0,305	0,001	0,010	0,035	FALSE
-0,046	0,317	-0,001	0,009	0,050	FALSE
-0,031	0,310	-0,002	0,010	0,065	FALSE
0,006	0,304	0,000	0,011	0,002	FALSE
-0,009	0,297	0,001	0,006	0,032	FALSE
0,077	0,297	0,002	0,010	0,086	FALSE
0,156	0,298	0,007	0,012	0,259	FALSE
0,040	0,306	0,001	0,008	0,031	FALSE
0,043	0,300	0,002	0,011	0,074	FALSE
-0,015	0,300	-0,001	0,007	0,028	FALSE
0,016	0,307	0,000	0,009	0,011	FALSE
-0,040	0,302	-0,001	0,009	0,045	FALSE
0,130	0,309	0,004	0,011	0,161	FALSE
0,157	0,304	0,006	0,013	0,188	FALSE
0,017	0,297	0,000	0,010	0,016	FALSE
0,039	0,296	0,002	0,012	0,061	FALSE
-0,102	0,320	-0,004	0,013	0,130	FALSE
0,060	0,290	0,002	0,012	0,061	FALSE
-0,031	0,312	-0,002	0,010	0,064	FALSE
-0,063	0,316	-0,003	0,012	0,087	FALSE
0,067	0,307	0,003	0,009	0,115	FALSE
-0,037	0,292	-0,001	0,006	0,033	FALSE

-0,101	0,313	-0,002	0,008	0,114	FALSE
-0,049	0,294	-0,002	0,012	0,061	FALSE
-0,004	0,323	0,000	0,012	0,012	FALSE
0,040	0,296	0,001	0,006	0,041	FALSE
0,000	0,312	0,000	0,007	0,009	FALSE
0,054	0,297	0,002	0,007	0,091	FALSE
0,011	0,303	0,000	0,006	0,001	FALSE
0,025	0,307	0,000	0,007	0,020	FALSE
0,069	0,296	0,003	0,012	0,106	FALSE
0,046	0,297	0,002	0,010	0,063	FALSE
0,171	0,303	0,004	0,007	0,235	FALSE
-0,073	0,305	-0,003	0,011	0,107	FALSE
0,045	0,309	0,002	0,007	0,084	FALSE
-0,139	0,298	-0,003	0,008	0,161	FALSE
-0,051	0,315	-0,001	0,007	0,035	FALSE
-0,088	0,304	-0,001	0,007	0,075	FALSE
-0,067	0,313	-0,001	0,007	0,052	FALSE
-0,068	0,304	-0,001	0,007	0,049	FALSE
0,077	0,285	0,002	0,008	0,083	FALSE
-0,051	0,309	-0,001	0,012	0,045	FALSE
-0,045	0,304	-0,002	0,012	0,064	FALSE
-0,131	0,294	-0,003	0,008	0,159	FALSE
0,092	0,308	0,003	0,011	0,105	FALSE
-0,022	0,305	-0,001	0,010	0,029	FALSE
-0,018	0,312	-0,001	0,009	0,024	FALSE
-0,005	0,300	0,001	0,013	0,016	FALSE
0,024	0,306	0,002	0,011	0,062	FALSE
-0,073	0,314	-0,002	0,006	0,097	FALSE
-0,035	0,301	0,000	0,010	0,000	FALSE
-0,033	0,304	0,000	0,010	0,003	FALSE
-0,021	0,293	0,000	0,010	0,016	FALSE
0,034	0,314	0,001	0,013	0,038	FALSE
-0,060	0,297	-0,002	0,007	0,087	FALSE
0,004	0,309	0,000	0,008	0,003	FALSE
-0,098	0,304	-0,003	0,008	0,145	FALSE
-0,033	0,319	-0,001	0,007	0,027	FALSE
0,075	0,298	0,002	0,009	0,083	FALSE
0,049	0,298	0,001	0,009	0,045	FALSE
-0,011	0,313	0,000	0,008	0,020	FALSE
-0,232	0,304	-0,006	0,009	0,331	FALSE
0,049	0,313	0,002	0,010	0,083	FALSE
-0,022	0,303	0,000	0,008	0,014	FALSE
0,106	0,312	0,004	0,011	0,158	FALSE
0,100	0,308	0,002	0,007	0,121	FALSE
0,063	0,308	0,002	0,013	0,067	FALSE
0,080	0,288	0,003	0,009	0,126	FALSE
-0,083	0,310	-0,003	0,011	0,118	FALSE
-0,048	0,300	-0,002	0,012	0,063	FALSE
-0,091	0,308	-0,004	0,011	0,136	FALSE
0,054	0,296	0,002	0,011	0,062	FALSE
-0,085	0,293	-0,004	0,011	0,133	FALSE
-0,014	0,298	-0,001	0,009	0,031	FALSE
-0,093	0,300	-0,002	0,006	0,100	FALSE

0,022	0,298	0,001	0,010	0,020	FALSE
0,069	0,318	0,001	0,008	0,066	FALSE
-0,016	0,306	0,000	0,010	0,011	FALSE
0,038	0,307	0,001	0,011	0,026	FALSE
-0,017	0,325	0,000	0,013	0,002	FALSE
-0,045	0,319	-0,001	0,012	0,031	FALSE
0,003	0,306	-0,001	0,013	0,015	FALSE
0,019	0,299	0,002	0,013	0,049	FALSE
0,065	0,297	0,004	0,013	0,123	FALSE
-0,057	0,321	-0,001	0,007	0,053	FALSE
-0,050	0,314	-0,002	0,011	0,055	FALSE
-0,027	0,313	-0,001	0,008	0,027	FALSE
0,084	0,317	0,002	0,007	0,124	FALSE
0,088	0,318	0,003	0,012	0,090	FALSE
0,101	0,308	0,003	0,012	0,081	FALSE
0,133	0,312	0,004	0,009	0,183	FALSE
0,149	0,307	0,006	0,013	0,193	FALSE
0,044	0,309	0,002	0,007	0,091	FALSE
-0,154	0,308	-0,005	0,011	0,192	FALSE
0,136	0,293	0,003	0,007	0,187	FALSE
-0,025	0,292	0,000	0,006	0,007	FALSE
-0,080	0,305	-0,004	0,013	0,116	FALSE
-0,047	0,320	-0,003	0,013	0,081	FALSE
0,054	0,308	0,002	0,008	0,093	FALSE
0,047	0,308	0,002	0,012	0,070	FALSE
0,027	0,301	0,002	0,012	0,066	FALSE
-0,081	0,316	-0,004	0,013	0,132	FALSE
0,064	0,299	0,002	0,009	0,099	FALSE
0,092	0,306	0,003	0,008	0,121	FALSE
0,098	0,322	0,004	0,011	0,137	FALSE
-0,017	0,304	-0,001	0,011	0,020	FALSE
0,028	0,311	0,001	0,012	0,041	FALSE
-0,080	0,309	-0,002	0,009	0,085	FALSE
-0,042	0,305	-0,001	0,009	0,038	FALSE
-0,040	0,298	-0,002	0,010	0,077	FALSE
-0,082	0,297	-0,003	0,009	0,127	FALSE
-0,093	0,291	-0,003	0,010	0,100	FALSE
0,088	0,297	0,003	0,011	0,102	FALSE
-0,023	0,325	-0,001	0,013	0,028	FALSE
0,042	0,308	0,001	0,007	0,053	FALSE
-0,155	0,299	-0,005	0,010	0,213	FALSE
-0,025	0,297	-0,002	0,010	0,065	FALSE
-0,039	0,308	-0,001	0,010	0,045	FALSE
0,000	0,319	0,000	0,013	0,003	FALSE
-0,015	0,290	-0,001	0,012	0,016	FALSE
0,006	0,316	0,000	0,013	0,006	FALSE
0,007	0,305	0,000	0,010	0,014	FALSE
-0,003	0,304	0,000	0,009	0,015	FALSE
0,031	0,307	0,001	0,008	0,035	FALSE
-0,056	0,313	-0,003	0,012	0,094	FALSE
-0,006	0,309	0,000	0,007	0,016	FALSE
0,122	0,301	0,004	0,008	0,223	FALSE
-0,007	0,310	0,000	0,007	0,016	FALSE

-0,138	0,302	-0,004	0,008	0,188	FALSE
-0,058	0,314	-0,001	0,009	0,031	FALSE
-0,094	0,303	-0,002	0,009	0,097	FALSE
-0,040	0,292	-0,001	0,008	0,031	FALSE
-0,045	0,305	-0,001	0,008	0,031	FALSE
0,080	0,296	0,002	0,009	0,082	FALSE
0,104	0,307	0,004	0,013	0,123	FALSE
-0,080	0,293	-0,003	0,011	0,107	FALSE
-0,064	0,324	-0,001	0,007	0,067	FALSE
0,054	0,305	0,001	0,008	0,061	FALSE
0,039	0,322	0,001	0,010	0,035	FALSE
0,036	0,306	0,000	0,008	0,020	FALSE
0,019	0,303	0,000	0,008	0,003	FALSE
-0,062	0,315	-0,002	0,010	0,097	FALSE
0,060	0,309	0,001	0,007	0,067	FALSE
0,047	0,303	0,002	0,007	0,089	FALSE
0,035	0,302	0,001	0,009	0,063	FALSE
0,098	0,312	0,005	0,013	0,139	FALSE
0,096	0,312	0,004	0,013	0,133	FALSE
-0,116	0,318	-0,005	0,012	0,182	FALSE
-0,052	0,301	-0,002	0,008	0,078	FALSE
-0,091	0,303	-0,002	0,007	0,126	FALSE
0,009	0,309	0,000	0,011	0,014	FALSE
-0,021	0,324	-0,001	0,014	0,035	FALSE
-0,005	0,313	-0,001	0,009	0,024	FALSE
0,055	0,309	0,002	0,012	0,073	FALSE
0,066	0,306	0,003	0,012	0,090	FALSE
-0,039	0,318	-0,001	0,010	0,046	FALSE
0,006	0,296	0,000	0,012	0,008	FALSE
0,071	0,319	0,004	0,013	0,106	FALSE
-0,032	0,311	0,000	0,008	0,018	FALSE
0,062	0,302	0,002	0,009	0,092	FALSE
-0,033	0,301	-0,001	0,013	0,029	FALSE
0,022	0,287	0,000	0,006	0,006	FALSE
0,062	0,306	0,002	0,008	0,114	FALSE
-0,027	0,315	0,000	0,007	0,001	FALSE
0,040	0,315	0,002	0,010	0,068	FALSE
0,127	0,311	0,005	0,011	0,174	FALSE
0,039	0,286	0,001	0,008	0,055	FALSE
-0,024	0,287	-0,001	0,012	0,028	FALSE
-0,163	0,296	-0,007	0,012	0,230	FALSE
-0,016	0,287	0,000	0,012	0,007	FALSE
-0,008	0,298	0,001	0,008	0,039	FALSE
0,048	0,299	0,002	0,009	0,088	FALSE
-0,011	0,304	-0,001	0,012	0,019	FALSE
-0,076	0,306	-0,003	0,011	0,089	FALSE
-0,027	0,318	-0,001	0,007	0,047	FALSE
-0,007	0,311	0,000	0,010	0,004	FALSE
0,054	0,313	0,002	0,010	0,067	FALSE
0,008	0,306	0,000	0,012	0,009	FALSE
-0,025	0,321	-0,002	0,014	0,065	FALSE
0,099	0,287	0,002	0,009	0,093	FALSE
-0,084	0,300	-0,004	0,011	0,121	FALSE

-0,015	0,302	0,000	0,011	0,014	FALSE
-0,028	0,297	-0,001	0,012	0,031	FALSE
0,015	0,299	0,001	0,012	0,017	FALSE
-0,106	0,303	-0,006	0,013	0,179	FALSE
0,156	0,301	0,004	0,009	0,184	FALSE
-0,035	0,309	-0,001	0,007	0,029	FALSE
0,053	0,317	0,002	0,008	0,113	FALSE
0,049	0,300	0,002	0,007	0,095	FALSE
0,078	0,309	0,003	0,008	0,136	FALSE
0,107	0,305	0,004	0,010	0,148	FALSE
0,139	0,312	0,005	0,011	0,195	FALSE
0,043	0,317	0,001	0,008	0,055	FALSE
-0,019	0,307	-0,001	0,013	0,028	FALSE
-0,043	0,303	-0,001	0,009	0,056	FALSE
0,031	0,306	0,001	0,007	0,026	FALSE
0,114	0,291	0,004	0,010	0,187	FALSE
0,062	0,313	0,003	0,012	0,079	FALSE
0,070	0,307	0,003	0,013	0,087	FALSE
0,036	0,321	0,002	0,009	0,062	FALSE
0,071	0,293	0,001	0,006	0,056	FALSE
0,027	0,299	0,000	0,007	0,005	FALSE
0,054	0,309	0,001	0,007	0,079	FALSE
-0,024	0,323	-0,001	0,011	0,020	FALSE
-0,086	0,312	-0,003	0,010	0,112	FALSE
0,050	0,307	0,003	0,012	0,085	FALSE
0,009	0,301	0,001	0,008	0,033	FALSE
-0,013	0,306	0,000	0,012	0,005	FALSE
-0,151	0,316	-0,004	0,008	0,198	FALSE
-0,007	0,302	0,000	0,012	0,002	FALSE
-0,047	0,318	-0,002	0,012	0,070	FALSE
-0,037	0,311	-0,001	0,008	0,064	FALSE
-0,120	0,312	-0,003	0,008	0,129	FALSE
0,080	0,303	0,003	0,009	0,115	FALSE
-0,001	0,301	0,000	0,006	0,027	FALSE
-0,074	0,305	-0,002	0,010	0,089	FALSE
0,168	0,313	0,007	0,013	0,223	FALSE
-0,128	0,307	-0,004	0,011	0,167	FALSE
0,008	0,310	0,001	0,007	0,035	FALSE
-0,096	0,283	-0,003	0,010	0,120	FALSE
-0,060	0,308	-0,001	0,009	0,036	FALSE
0,058	0,314	0,003	0,013	0,087	FALSE
0,000	0,318	0,000	0,007	0,002	FALSE
-0,004	0,307	0,000	0,006	0,001	FALSE
-0,021	0,313	0,000	0,006	0,020	FALSE
0,111	0,308	0,005	0,013	0,154	FALSE
0,145	0,290	0,005	0,011	0,202	FALSE
-0,150	0,297	-0,007	0,012	0,235	FALSE
0,013	0,315	0,001	0,011	0,023	FALSE
-0,084	0,301	-0,002	0,007	0,137	FALSE
-0,054	0,300	-0,002	0,010	0,059	FALSE
-0,110	0,300	-0,002	0,007	0,108	FALSE
0,064	0,298	0,001	0,006	0,078	FALSE
0,026	0,299	0,001	0,010	0,026	FALSE

0,063	0,302	0,003	0,009	0,121	FALSE
0,001	0,303	0,000	0,009	0,001	FALSE
0,146	0,317	0,006	0,013	0,216	FALSE
0,078	0,307	0,003	0,012	0,110	FALSE
0,028	0,310	0,001	0,012	0,023	FALSE
-0,072	0,308	-0,005	0,013	0,148	FALSE
-0,005	0,296	0,000	0,007	0,021	FALSE
0,064	0,298	0,002	0,009	0,067	FALSE
-0,053	0,316	-0,002	0,010	0,072	FALSE
0,009	0,310	0,000	0,007	0,018	FALSE
0,028	0,315	0,000	0,007	0,023	FALSE
-0,061	0,307	-0,003	0,011	0,096	FALSE
0,068	0,293	0,002	0,009	0,105	FALSE
-0,017	0,296	0,000	0,009	0,003	FALSE
-0,170	0,291	-0,007	0,012	0,236	FALSE
0,011	0,304	0,000	0,011	0,000	FALSE
-0,005	0,306	-0,001	0,011	0,030	FALSE
-0,013	0,304	0,000	0,007	0,010	FALSE
-0,006	0,310	0,000	0,011	0,009	FALSE
0,058	0,310	0,001	0,007	0,078	FALSE
-0,029	0,312	0,000	0,011	0,002	FALSE
-0,019	0,300	0,000	0,008	0,020	FALSE
-0,139	0,303	-0,004	0,009	0,159	FALSE
-0,029	0,299	-0,001	0,007	0,024	FALSE
0,057	0,307	0,002	0,012	0,073	FALSE
-0,102	0,299	-0,003	0,009	0,121	FALSE
-0,080	0,290	-0,002	0,007	0,109	FALSE
0,142	0,316	0,004	0,007	0,214	FALSE
0,065	0,308	0,001	0,011	0,024	FALSE
-0,003	0,306	0,000	0,006	0,001	FALSE
-0,068	0,311	-0,002	0,009	0,107	FALSE
-0,083	0,323	-0,002	0,008	0,098	FALSE
0,085	0,310	0,002	0,006	0,108	FALSE
-0,077	0,315	-0,003	0,013	0,090	FALSE
0,065	0,298	0,001	0,008	0,045	FALSE
0,042	0,325	0,001	0,007	0,037	FALSE
0,082	0,288	0,004	0,012	0,117	FALSE
-0,023	0,314	-0,001	0,013	0,023	FALSE
-0,332	0,284	-0,016	0,013	0,647	TRUE
-0,062	0,300	-0,002	0,009	0,088	FALSE
-0,037	0,305	-0,002	0,012	0,051	FALSE
0,114	0,297	0,005	0,012	0,145	FALSE
-0,044	0,302	-0,001	0,010	0,048	FALSE
-0,132	0,308	-0,005	0,010	0,190	FALSE
-0,054	0,324	-0,001	0,008	0,056	FALSE
0,094	0,313	0,004	0,013	0,120	FALSE
0,055	0,321	0,002	0,007	0,082	FALSE
-0,008	0,298	0,000	0,010	0,015	FALSE
0,193	0,303	0,004	0,007	0,281	FALSE
0,107	0,314	0,004	0,013	0,138	FALSE
0,030	0,310	0,001	0,011	0,047	FALSE
0,007	0,311	0,000	0,006	0,003	FALSE
-0,002	0,307	0,000	0,006	0,005	FALSE

-0,056	0,317	-0,003	0,013	0,075	FALSE
0,029	0,319	0,001	0,010	0,051	FALSE
0,009	0,303	0,000	0,007	0,005	FALSE
0,044	0,301	0,001	0,013	0,035	FALSE
-0,068	0,315	-0,002	0,008	0,103	FALSE
0,018	0,299	0,001	0,011	0,048	FALSE
0,047	0,316	0,001	0,008	0,062	FALSE
0,051	0,316	0,002	0,010	0,091	FALSE
0,067	0,305	0,002	0,008	0,071	FALSE
-0,038	0,307	-0,001	0,007	0,055	FALSE
-0,122	0,310	-0,003	0,008	0,177	FALSE
0,069	0,310	0,003	0,008	0,120	FALSE
0,074	0,301	0,004	0,012	0,114	FALSE
0,056	0,303	0,003	0,012	0,093	FALSE
-0,092	0,312	-0,003	0,010	0,117	FALSE
0,151	0,313	0,003	0,007	0,173	FALSE
0,018	0,298	0,000	0,009	0,011	FALSE
-0,060	0,299	-0,001	0,008	0,050	FALSE
-0,096	0,309	-0,002	0,006	0,105	FALSE
-0,028	0,309	-0,001	0,008	0,061	FALSE
0,020	0,315	0,001	0,013	0,040	FALSE
-0,024	0,320	0,000	0,009	0,015	FALSE
0,064	0,301	0,001	0,008	0,064	FALSE
0,031	0,300	0,001	0,007	0,059	FALSE
0,121	0,306	0,004	0,009	0,167	FALSE
-0,047	0,310	-0,002	0,010	0,059	FALSE
0,048	0,296	0,002	0,007	0,080	FALSE
-0,020	0,298	0,000	0,007	0,003	FALSE
-0,053	0,308	-0,003	0,009	0,113	FALSE
0,005	0,290	0,000	0,006	0,008	FALSE
-0,038	0,304	-0,001	0,007	0,033	FALSE
-0,054	0,311	-0,002	0,008	0,097	FALSE
-0,022	0,298	-0,001	0,008	0,030	FALSE
0,025	0,313	0,001	0,008	0,023	FALSE
-0,003	0,297	0,000	0,012	0,011	FALSE
-0,135	0,309	-0,004	0,010	0,188	FALSE
-0,095	0,287	-0,002	0,006	0,099	FALSE
-0,151	0,300	-0,005	0,010	0,218	FALSE
-0,154	0,295	-0,007	0,012	0,239	FALSE
0,081	0,320	0,003	0,011	0,105	FALSE
-0,024	0,296	-0,001	0,006	0,032	FALSE
-0,041	0,310	-0,001	0,010	0,044	FALSE
0,154	0,301	0,007	0,012	0,240	FALSE
-0,090	0,300	-0,003	0,009	0,128	FALSE
-0,056	0,313	-0,002	0,007	0,089	FALSE
-0,059	0,299	-0,001	0,006	0,049	FALSE
-0,052	0,311	-0,001	0,007	0,041	FALSE
-0,098	0,302	-0,002	0,007	0,136	FALSE
-0,053	0,304	-0,001	0,012	0,041	FALSE
-0,089	0,311	-0,003	0,008	0,151	FALSE
0,047	0,296	0,000	0,007	0,006	FALSE
0,055	0,308	0,002	0,012	0,048	FALSE
-0,076	0,306	-0,003	0,013	0,102	FALSE

0,006	0,308	0,000	0,007	0,008	FALSE
-0,072	0,313	-0,002	0,006	0,097	FALSE
0,138	0,301	0,005	0,012	0,185	FALSE
0,094	0,308	0,004	0,012	0,125	FALSE
-0,093	0,301	-0,002	0,007	0,106	FALSE
-0,058	0,294	-0,002	0,008	0,078	FALSE
0,068	0,298	0,003	0,013	0,077	FALSE
-0,024	0,308	0,000	0,008	0,003	FALSE
-0,035	0,295	-0,001	0,011	0,047	FALSE
0,022	0,324	0,001	0,009	0,050	FALSE
-0,162	0,302	-0,006	0,009	0,254	FALSE
-0,041	0,303	-0,001	0,009	0,038	FALSE
-0,173	0,302	-0,008	0,013	0,291	FALSE
0,127	0,306	0,004	0,010	0,150	FALSE
-0,016	0,318	-0,001	0,009	0,026	FALSE
-0,071	0,303	-0,002	0,007	0,080	FALSE
0,163	0,311	0,004	0,008	0,211	FALSE
0,019	0,303	0,001	0,007	0,033	FALSE
0,016	0,307	0,000	0,009	0,014	FALSE
-0,075	0,316	-0,002	0,009	0,106	FALSE
0,001	0,312	0,000	0,010	0,017	FALSE
0,001	0,323	0,000	0,008	0,012	FALSE
-0,125	0,311	-0,003	0,007	0,176	FALSE
0,036	0,312	0,001	0,013	0,020	FALSE
0,044	0,296	0,002	0,011	0,051	FALSE
-0,092	0,298	-0,006	0,013	0,181	FALSE
0,002	0,329	0,001	0,011	0,017	FALSE
-0,109	0,295	-0,006	0,012	0,203	FALSE
0,005	0,302	-0,001	0,011	0,022	FALSE
0,015	0,290	0,000	0,011	0,010	FALSE
0,055	0,300	0,001	0,010	0,040	FALSE
0,112	0,311	0,003	0,008	0,176	FALSE
-0,024	0,304	-0,002	0,012	0,048	FALSE
-0,069	0,299	-0,002	0,009	0,077	FALSE
0,033	0,318	0,001	0,008	0,052	FALSE
0,097	0,306	0,004	0,013	0,123	FALSE
-0,016	0,306	-0,001	0,009	0,032	FALSE
-0,003	0,295	0,000	0,009	0,002	FALSE
0,101	0,304	0,002	0,007	0,091	FALSE
0,143	0,298	0,005	0,011	0,198	FALSE
-0,064	0,304	-0,001	0,007	0,075	FALSE
-0,096	0,298	-0,003	0,008	0,126	FALSE
0,119	0,316	0,003	0,008	0,175	FALSE
-0,077	0,312	-0,002	0,007	0,105	FALSE
0,108	0,303	0,003	0,008	0,123	FALSE
-0,161	0,305	-0,003	0,006	0,228	FALSE
-0,027	0,324	-0,001	0,009	0,040	FALSE
0,023	0,306	0,000	0,010	0,005	FALSE
-0,089	0,304	-0,002	0,008	0,112	FALSE
0,078	0,301	0,003	0,010	0,117	FALSE
0,048	0,297	0,003	0,013	0,083	FALSE
-0,042	0,297	-0,001	0,007	0,035	FALSE
-0,106	0,309	-0,003	0,007	0,164	FALSE

-0,204	0,301	-0,006	0,010	0,285	FALSE
-0,024	0,298	0,000	0,006	0,019	FALSE
0,121	0,306	0,003	0,008	0,145	FALSE
0,103	0,326	0,004	0,013	0,118	FALSE
-0,009	0,317	0,000	0,007	0,001	FALSE
-0,045	0,308	-0,001	0,011	0,043	FALSE
-0,080	0,301	-0,002	0,007	0,090	FALSE
-0,033	0,305	-0,001	0,013	0,016	FALSE
-0,015	0,295	0,000	0,007	0,010	FALSE
0,124	0,296	0,004	0,011	0,154	FALSE
-0,008	0,308	0,000	0,007	0,010	FALSE
0,039	0,301	0,001	0,012	0,033	FALSE
0,020	0,314	0,001	0,007	0,038	FALSE
-0,034	0,319	0,000	0,007	0,025	FALSE
-0,131	0,296	-0,004	0,007	0,224	FALSE
-0,061	0,310	-0,001	0,008	0,058	FALSE
-0,069	0,312	-0,001	0,007	0,056	FALSE
0,068	0,303	0,002	0,007	0,102	FALSE
0,079	0,306	0,002	0,007	0,112	FALSE
0,062	0,303	0,002	0,010	0,085	FALSE
0,006	0,316	0,000	0,009	0,009	FALSE
0,004	0,300	0,000	0,006	0,014	FALSE
-0,082	0,316	-0,003	0,009	0,109	FALSE
-0,048	0,298	-0,003	0,013	0,092	TRUE
-0,013	0,300	0,000	0,011	0,002	FALSE
0,059	0,300	0,002	0,009	0,070	FALSE
-0,063	0,301	-0,003	0,012	0,097	FALSE
-0,063	0,300	-0,002	0,012	0,072	FALSE
0,021	0,307	0,001	0,010	0,022	FALSE
0,127	0,293	0,005	0,012	0,166	FALSE
0,083	0,283	0,002	0,007	0,100	FALSE
0,050	0,313	0,002	0,013	0,048	FALSE
-0,034	0,307	-0,001	0,007	0,040	FALSE
0,017	0,306	0,001	0,007	0,041	FALSE
-0,052	0,313	-0,001	0,007	0,052	FALSE
0,122	0,309	0,006	0,013	0,189	FALSE
-0,005	0,294	-0,001	0,007	0,047	FALSE
-0,172	0,311	-0,004	0,007	0,258	FALSE
-0,023	0,311	-0,002	0,012	0,048	FALSE
-0,048	0,304	-0,001	0,011	0,047	FALSE
-0,079	0,303	-0,001	0,007	0,075	FALSE
0,121	0,312	0,002	0,006	0,161	FALSE
0,021	0,304	0,001	0,009	0,031	FALSE
0,079	0,304	0,003	0,009	0,140	FALSE
0,060	0,299	0,002	0,010	0,092	FALSE
0,023	0,298	0,001	0,010	0,046	FALSE
0,080	0,315	0,003	0,012	0,100	FALSE
-0,024	0,307	-0,001	0,011	0,040	FALSE
-0,080	0,317	-0,002	0,007	0,091	FALSE
-0,118	0,309	-0,005	0,011	0,169	FALSE
0,004	0,308	0,000	0,010	0,012	FALSE
-0,018	0,314	-0,001	0,007	0,028	FALSE
0,009	0,304	0,000	0,006	0,004	FALSE

0,034	0,312	0,002	0,012	0,050	FALSE
-0,081	0,300	-0,003	0,010	0,107	FALSE
-0,074	0,305	-0,002	0,009	0,094	FALSE
-0,006	0,310	0,000	0,010	0,001	FALSE
0,008	0,310	0,000	0,011	0,004	FALSE
0,049	0,313	0,001	0,008	0,058	FALSE
0,057	0,307	0,001	0,007	0,073	FALSE
0,093	0,308	0,004	0,011	0,147	FALSE
-0,078	0,302	-0,004	0,012	0,133	FALSE
0,021	0,290	0,001	0,007	0,040	FALSE
0,042	0,306	0,002	0,008	0,074	FALSE
0,142	0,300	0,005	0,010	0,190	FALSE
-0,079	0,298	-0,004	0,012	0,131	FALSE
0,094	0,302	0,004	0,010	0,138	FALSE
0,100	0,300	0,004	0,009	0,176	FALSE
0,122	0,302	0,004	0,009	0,164	FALSE
0,055	0,307	0,001	0,009	0,051	FALSE
-0,102	0,290	-0,002	0,013	0,074	FALSE
-0,133	0,314	-0,004	0,009	0,196	FALSE
-0,132	0,303	-0,004	0,008	0,207	FALSE
-0,104	0,297	-0,003	0,008	0,176	FALSE
-0,038	0,300	-0,001	0,007	0,044	FALSE
-0,129	0,290	-0,004	0,009	0,208	FALSE
-0,093	0,314	-0,003	0,009	0,145	FALSE
0,058	0,300	0,002	0,011	0,059	FALSE
0,010	0,301	0,001	0,012	0,031	FALSE
-0,028	0,327	-0,001	0,010	0,038	FALSE
-0,027	0,302	0,000	0,012	0,014	FALSE
-0,045	0,317	-0,001	0,010	0,052	FALSE
-0,003	0,302	-0,002	0,012	0,056	FALSE
0,038	0,310	0,001	0,007	0,074	FALSE
0,038	0,304	0,001	0,009	0,055	FALSE
0,109	0,299	0,004	0,009	0,170	FALSE
0,021	0,312	0,002	0,010	0,058	FALSE
-0,038	0,321	-0,001	0,012	0,017	FALSE
-0,061	0,298	-0,001	0,007	0,076	FALSE
-0,028	0,304	-0,001	0,008	0,046	FALSE
-0,110	0,306	-0,003	0,009	0,144	FALSE
-0,058	0,316	-0,001	0,007	0,053	FALSE
-0,075	0,313	-0,001	0,007	0,059	FALSE
-0,060	0,315	-0,001	0,007	0,052	FALSE
-0,077	0,305	-0,002	0,012	0,074	FALSE
-0,079	0,288	-0,002	0,008	0,079	FALSE
-0,144	0,304	-0,003	0,007	0,158	FALSE
0,207	0,286	0,006	0,010	0,289	FALSE
0,132	0,293	0,005	0,013	0,152	FALSE
0,008	0,318	0,000	0,007	0,002	FALSE
-0,092	0,309	-0,002	0,007	0,127	FALSE
-0,058	0,311	-0,002	0,010	0,090	FALSE
0,059	0,309	0,003	0,011	0,085	FALSE
-0,051	0,308	-0,002	0,010	0,074	FALSE
0,020	0,306	0,000	0,008	0,002	FALSE
-0,047	0,322	-0,002	0,013	0,056	FALSE

0,046	0,306	0,002	0,011	0,064	FALSE
0,144	0,297	0,008	0,013	0,260	FALSE
-0,060	0,311	-0,002	0,009	0,085	FALSE
0,114	0,312	0,003	0,007	0,160	FALSE
0,144	0,310	0,003	0,007	0,210	FALSE
0,038	0,294	0,000	0,011	0,008	FALSE
-0,027	0,288	-0,002	0,010	0,059	FALSE
-0,008	0,291	-0,001	0,010	0,030	FALSE
-0,003	0,308	0,000	0,011	0,007	FALSE
0,009	0,312	0,001	0,008	0,038	FALSE
-0,147	0,300	-0,004	0,007	0,232	FALSE
-0,092	0,286	-0,003	0,009	0,143	FALSE
0,063	0,298	0,001	0,007	0,072	FALSE
0,077	0,294	0,002	0,007	0,088	FALSE
0,032	0,305	0,000	0,010	0,013	FALSE
0,024	0,308	0,000	0,012	0,011	FALSE
0,106	0,312	0,002	0,007	0,131	FALSE
0,091	0,316	0,002	0,007	0,098	FALSE
0,075	0,304	0,002	0,007	0,117	FALSE
0,012	0,304	0,001	0,013	0,026	FALSE
0,001	0,310	0,000	0,013	0,003	FALSE
-0,098	0,286	-0,002	0,006	0,112	FALSE
0,073	0,318	0,003	0,013	0,099	FALSE
0,076	0,294	0,002	0,008	0,074	FALSE
-0,012	0,309	0,000	0,010	0,013	FALSE
-0,181	0,282	-0,004	0,007	0,278	FALSE
-0,082	0,310	-0,003	0,012	0,090	FALSE
-0,064	0,310	-0,002	0,009	0,070	FALSE
-0,128	0,309	-0,005	0,011	0,169	FALSE
-0,124	0,306	-0,004	0,011	0,137	FALSE
-0,001	0,304	0,000	0,007	0,008	FALSE
-0,079	0,313	-0,004	0,012	0,127	FALSE
-0,105	0,303	-0,004	0,012	0,144	FALSE
-0,001	0,319	0,000	0,011	0,003	FALSE
-0,019	0,319	-0,001	0,008	0,025	FALSE
-0,009	0,290	0,000	0,007	0,011	FALSE
0,000	0,303	0,001	0,007	0,033	FALSE
-0,013	0,321	0,000	0,007	0,007	FALSE
-0,108	0,322	-0,004	0,010	0,163	FALSE
0,078	0,312	0,002	0,008	0,103	FALSE
0,061	0,308	0,002	0,009	0,099	FALSE
-0,111	0,315	-0,003	0,008	0,147	FALSE
0,087	0,288	0,002	0,009	0,112	FALSE
-0,037	0,316	-0,002	0,013	0,049	FALSE
0,044	0,316	0,002	0,013	0,055	FALSE
0,066	0,320	0,002	0,013	0,070	FALSE
0,045	0,309	0,002	0,012	0,063	FALSE
0,054	0,310	0,003	0,013	0,078	FALSE
0,045	0,314	0,001	0,013	0,043	FALSE
0,067	0,316	0,002	0,013	0,068	FALSE
0,050	0,321	0,002	0,013	0,057	FALSE
-0,049	0,298	-0,002	0,007	0,087	FALSE
0,025	0,305	0,001	0,010	0,030	FALSE

-0,060	0,298	-0,003	0,013	0,086	FALSE
-0,066	0,299	-0,002	0,007	0,104	FALSE
0,086	0,292	0,002	0,006	0,141	FALSE
-0,019	0,329	-0,001	0,013	0,023	FALSE
-0,004	0,314	0,000	0,013	0,000	FALSE
-0,054	0,301	-0,003	0,012	0,099	FALSE
-0,085	0,311	-0,003	0,008	0,129	FALSE
0,062	0,306	0,002	0,008	0,088	FALSE
-0,123	0,300	-0,004	0,011	0,157	FALSE
0,130	0,314	0,004	0,009	0,180	FALSE
-0,002	0,307	-0,001	0,012	0,015	FALSE
-0,024	0,308	-0,001	0,012	0,031	FALSE
-0,033	0,310	-0,001	0,012	0,037	FALSE
0,004	0,320	0,000	0,013	0,003	FALSE
0,016	0,304	0,000	0,012	0,012	FALSE
0,006	0,322	0,000	0,013	0,002	FALSE
0,008	0,319	0,000	0,013	0,002	FALSE
-0,024	0,318	-0,001	0,013	0,033	FALSE
-0,005	0,337	0,000	0,014	0,004	FALSE
0,014	0,332	0,001	0,013	0,019	FALSE
0,006	0,310	0,000	0,013	0,013	FALSE
-0,025	0,303	-0,001	0,013	0,037	FALSE
-0,005	0,314	0,000	0,013	0,012	FALSE
0,020	0,328	0,001	0,013	0,015	FALSE
0,118	0,301	0,005	0,012	0,158	FALSE
0,076	0,307	0,003	0,012	0,095	FALSE
-0,042	0,317	-0,002	0,013	0,058	FALSE
0,014	0,307	0,001	0,012	0,017	FALSE
-0,061	0,310	-0,001	0,008	0,066	FALSE
-0,009	0,306	0,000	0,010	0,007	FALSE
-0,089	0,296	-0,002	0,006	0,129	FALSE
0,057	0,299	0,002	0,013	0,054	FALSE
0,126	0,296	0,004	0,011	0,157	FALSE
-0,025	0,328	-0,001	0,013	0,035	FALSE
-0,012	0,316	0,000	0,013	0,009	FALSE
-0,022	0,315	-0,001	0,013	0,027	FALSE
-0,010	0,326	0,000	0,013	0,012	FALSE
-0,001	0,329	0,000	0,013	0,007	FALSE
-0,072	0,296	-0,003	0,010	0,107	FALSE
0,111	0,294	0,005	0,011	0,169	FALSE
-0,002	0,303	0,000	0,012	0,006	FALSE
0,049	0,300	0,001	0,010	0,039	FALSE
0,035	0,309	0,000	0,009	0,013	FALSE
-0,030	0,301	-0,001	0,007	0,044	FALSE
0,046	0,322	0,002	0,011	0,056	FALSE
-0,082	0,315	-0,003	0,013	0,091	FALSE
0,133	0,322	0,004	0,009	0,169	FALSE
-0,053	0,298	-0,001	0,006	0,069	FALSE
0,011	0,288	0,001	0,006	0,038	FALSE
-0,005	0,299	0,000	0,007	0,022	FALSE
-0,059	0,288	-0,001	0,007	0,062	FALSE
0,076	0,310	0,003	0,011	0,086	FALSE
0,040	0,317	0,001	0,010	0,044	FALSE

0,084	0,318	0,002	0,010	0,093	FALSE
0,072	0,297	0,002	0,009	0,081	FALSE
0,045	0,310	0,001	0,007	0,053	FALSE
-0,010	0,314	0,000	0,008	0,003	FALSE
0,097	0,303	0,003	0,010	0,134	FALSE
-0,072	0,303	-0,002	0,008	0,089	FALSE
-0,003	0,311	0,000	0,008	0,004	FALSE
-0,022	0,296	0,000	0,008	0,019	FALSE
-0,033	0,317	-0,001	0,008	0,030	FALSE
0,080	0,299	0,002	0,009	0,093	FALSE
0,040	0,304	0,000	0,007	0,025	FALSE
0,020	0,311	0,001	0,010	0,028	FALSE
0,094	0,296	0,004	0,009	0,159	FALSE
0,154	0,295	0,005	0,009	0,244	FALSE
0,033	0,301	0,001	0,008	0,050	FALSE
0,050	0,316	0,002	0,009	0,072	FALSE
0,009	0,302	0,000	0,007	0,007	FALSE
-0,002	0,304	0,000	0,007	0,003	FALSE
0,009	0,288	0,000	0,010	0,003	FALSE
0,018	0,296	0,000	0,011	0,005	FALSE
0,068	0,301	0,002	0,011	0,063	FALSE
0,074	0,304	0,002	0,011	0,069	FALSE
0,054	0,310	0,002	0,010	0,056	FALSE
-0,059	0,301	-0,001	0,007	0,062	FALSE
0,037	0,302	0,001	0,007	0,058	FALSE
-0,034	0,304	-0,001	0,009	0,062	FALSE
0,022	0,317	0,000	0,008	0,016	FALSE
0,019	0,309	0,000	0,007	0,008	FALSE
-0,054	0,308	-0,002	0,011	0,065	FALSE
-0,043	0,305	0,000	0,008	0,022	FALSE
0,017	0,325	0,000	0,007	0,003	FALSE
-0,002	0,312	0,000	0,007	0,016	FALSE
-0,030	0,317	-0,001	0,013	0,032	FALSE
-0,032	0,289	-0,001	0,008	0,051	FALSE
-0,036	0,294	-0,001	0,011	0,044	FALSE
-0,054	0,295	-0,002	0,008	0,084	FALSE
0,060	0,290	0,003	0,009	0,109	FALSE
-0,087	0,293	-0,003	0,008	0,129	FALSE
-0,092	0,300	-0,003	0,008	0,133	FALSE
-0,084	0,283	-0,003	0,008	0,135	FALSE
-0,087	0,283	-0,003	0,008	0,144	FALSE
-0,082	0,296	-0,002	0,007	0,120	FALSE
0,017	0,305	0,000	0,007	0,023	FALSE
0,046	0,302	0,002	0,012	0,061	FALSE
-0,010	0,308	0,000	0,013	0,010	FALSE
-0,009	0,308	0,000	0,007	0,012	FALSE
0,067	0,306	0,001	0,007	0,065	FALSE
0,078	0,291	0,003	0,012	0,100	FALSE
0,083	0,287	0,002	0,008	0,118	FALSE
-0,060	0,321	-0,003	0,012	0,082	FALSE
0,134	0,302	0,004	0,009	0,199	FALSE
-0,027	0,313	-0,002	0,011	0,058	FALSE
-0,023	0,301	-0,001	0,012	0,017	FALSE

-0,098	0,310	-0,002	0,006	0,140	FALSE
0,021	0,302	0,001	0,009	0,059	FALSE
0,003	0,302	0,001	0,010	0,044	FALSE
-0,068	0,304	-0,001	0,006	0,082	FALSE
-0,108	0,299	-0,002	0,006	0,137	FALSE
0,092	0,292	0,004	0,013	0,111	FALSE
0,037	0,315	0,002	0,008	0,077	FALSE
0,005	0,306	0,001	0,008	0,039	FALSE
0,086	0,291	0,003	0,012	0,085	FALSE
-0,096	0,306	-0,004	0,013	0,109	FALSE
-0,109	0,322	-0,004	0,013	0,134	FALSE
-0,150	0,294	-0,004	0,009	0,193	FALSE
-0,074	0,294	-0,002	0,009	0,080	FALSE
-0,020	0,297	-0,001	0,009	0,028	FALSE
0,037	0,294	0,002	0,009	0,076	FALSE
0,041	0,303	0,001	0,009	0,051	FALSE
-0,022	0,310	-0,001	0,012	0,042	FALSE
-0,185	0,280	-0,004	0,007	0,263	FALSE
0,182	0,280	0,007	0,012	0,238	FALSE
0,172	0,289	0,006	0,013	0,206	FALSE
0,178	0,285	0,006	0,012	0,219	FALSE
0,013	0,294	0,001	0,011	0,043	FALSE
0,003	0,291	0,001	0,011	0,023	FALSE
0,122	0,312	0,006	0,013	0,180	FALSE
0,069	0,308	0,003	0,011	0,097	FALSE
-0,060	0,300	-0,002	0,009	0,099	FALSE
0,097	0,297	0,004	0,012	0,137	FALSE
-0,039	0,311	-0,002	0,010	0,082	FALSE
0,049	0,294	0,002	0,009	0,090	FALSE
0,007	0,304	0,001	0,009	0,028	FALSE
0,093	0,306	0,002	0,006	0,131	FALSE
-0,015	0,295	0,000	0,010	0,014	FALSE
-0,014	0,297	0,000	0,009	0,008	FALSE
0,020	0,314	0,002	0,010	0,058	FALSE
0,024	0,312	0,000	0,009	0,016	FALSE
-0,078	0,315	-0,003	0,008	0,130	FALSE
-0,008	0,319	-0,001	0,008	0,044	FALSE
-0,061	0,311	-0,002	0,008	0,108	FALSE
-0,037	0,311	-0,002	0,009	0,077	FALSE
-0,035	0,310	-0,002	0,009	0,083	FALSE
-0,071	0,305	-0,002	0,008	0,104	FALSE
-0,069	0,299	-0,002	0,007	0,110	FALSE
-0,068	0,311	-0,002	0,008	0,104	FALSE
-0,064	0,296	-0,002	0,008	0,093	FALSE
-0,078	0,296	-0,002	0,008	0,114	FALSE
0,024	0,318	0,001	0,011	0,022	FALSE
-0,083	0,305	-0,003	0,012	0,104	FALSE
0,001	0,313	0,001	0,013	0,019	FALSE
0,141	0,303	0,005	0,011	0,166	FALSE
-0,084	0,311	-0,002	0,011	0,081	FALSE
0,026	0,311	0,000	0,011	0,017	FALSE
-0,073	0,305	-0,002	0,011	0,070	FALSE
-0,053	0,291	-0,003	0,012	0,110	FALSE

0,017	0,305	0,001	0,011	0,035	FALSE
-0,065	0,302	-0,003	0,009	0,110	FALSE
-0,018	0,296	-0,001	0,007	0,064	FALSE
-0,025	0,290	-0,001	0,007	0,071	FALSE
0,050	0,309	0,002	0,012	0,078	FALSE
0,143	0,304	0,003	0,007	0,161	FALSE
0,034	0,307	0,001	0,010	0,046	FALSE
-0,060	0,299	-0,003	0,011	0,097	FALSE
0,112	0,307	0,004	0,013	0,123	FALSE
-0,074	0,292	-0,002	0,011	0,065	FALSE
0,083	0,310	0,002	0,009	0,066	FALSE
0,114	0,310	0,004	0,013	0,137	FALSE
-0,082	0,296	-0,002	0,010	0,082	FALSE
-0,068	0,286	-0,003	0,010	0,105	FALSE
0,082	0,311	0,003	0,013	0,089	FALSE
-0,084	0,303	-0,002	0,006	0,138	FALSE
-0,047	0,320	-0,002	0,008	0,071	FALSE
0,000	0,310	0,000	0,010	0,006	FALSE
0,004	0,312	0,000	0,010	0,006	FALSE
0,006	0,302	0,000	0,009	0,009	FALSE
-0,028	0,301	-0,001	0,009	0,036	FALSE
-0,004	0,305	0,000	0,009	0,013	FALSE
0,033	0,303	0,001	0,010	0,048	FALSE
-0,098	0,301	-0,004	0,011	0,142	FALSE
-0,167	0,292	-0,004	0,007	0,223	FALSE
0,123	0,312	0,004	0,009	0,176	FALSE
-0,125	0,301	-0,004	0,009	0,170	FALSE
-0,106	0,297	-0,002	0,008	0,114	FALSE
-0,063	0,306	-0,002	0,008	0,105	FALSE
-0,055	0,292	-0,001	0,007	0,076	FALSE
0,076	0,310	0,002	0,007	0,085	FALSE
-0,055	0,313	-0,003	0,013	0,078	FALSE
-0,061	0,319	-0,002	0,009	0,082	FALSE
-0,071	0,315	-0,002	0,009	0,106	FALSE
0,079	0,314	0,003	0,010	0,101	FALSE
0,065	0,322	0,002	0,011	0,071	FALSE
0,088	0,304	0,003	0,010	0,106	FALSE
-0,009	0,302	0,000	0,013	0,010	FALSE
0,132	0,311	0,005	0,011	0,169	FALSE
-0,109	0,295	-0,003	0,010	0,138	FALSE
-0,020	0,309	-0,001	0,013	0,021	FALSE
0,118	0,288	0,005	0,013	0,145	FALSE
0,218	0,285	0,009	0,012	0,346	FALSE
0,004	0,305	0,000	0,011	0,006	FALSE
0,038	0,317	0,002	0,013	0,043	FALSE
0,073	0,305	0,002	0,007	0,112	FALSE
0,032	0,318	0,001	0,008	0,034	FALSE
0,059	0,312	0,002	0,010	0,073	FALSE
0,050	0,304	0,003	0,011	0,087	FALSE
-0,061	0,321	-0,003	0,012	0,097	FALSE
0,025	0,303	0,000	0,012	0,007	FALSE
-0,034	0,306	-0,001	0,009	0,028	FALSE
-0,063	0,298	-0,002	0,008	0,088	FALSE

0,145	0,291	0,003	0,007	0,223	FALSE
-0,121	0,300	-0,003	0,008	0,131	FALSE
0,148	0,304	0,004	0,008	0,204	FALSE
-0,024	0,301	0,000	0,010	0,002	FALSE
-0,022	0,298	-0,001	0,011	0,018	FALSE
0,025	0,303	0,000	0,007	0,015	FALSE
0,033	0,307	0,001	0,007	0,044	FALSE
-0,048	0,324	-0,002	0,010	0,057	FALSE
0,003	0,304	0,000	0,012	0,007	FALSE
0,094	0,314	0,003	0,013	0,082	FALSE
-0,043	0,306	-0,003	0,011	0,091	FALSE
-0,004	0,305	0,000	0,010	0,000	FALSE
0,032	0,313	0,001	0,010	0,032	FALSE
0,005	0,304	0,000	0,013	0,009	FALSE
-0,045	0,318	-0,003	0,013	0,077	FALSE
-0,071	0,313	-0,003	0,012	0,112	FALSE
0,095	0,313	0,002	0,009	0,092	FALSE
-0,055	0,316	-0,002	0,012	0,058	FALSE
-0,026	0,307	-0,001	0,009	0,051	FALSE
-0,038	0,309	-0,002	0,009	0,070	FALSE
-0,033	0,303	-0,001	0,009	0,058	FALSE
-0,067	0,314	-0,002	0,007	0,087	FALSE
-0,067	0,314	-0,002	0,007	0,086	FALSE
-0,033	0,310	-0,001	0,009	0,035	FALSE
-0,069	0,314	-0,002	0,009	0,100	FALSE
-0,050	0,327	-0,001	0,009	0,051	FALSE
-0,041	0,314	-0,001	0,008	0,030	FALSE
-0,066	0,306	-0,002	0,010	0,073	FALSE
-0,008	0,300	-0,001	0,009	0,037	FALSE
0,089	0,319	0,004	0,012	0,129	FALSE
0,040	0,313	0,001	0,009	0,033	FALSE
0,032	0,297	0,000	0,011	0,003	FALSE
-0,025	0,308	-0,002	0,011	0,055	FALSE
0,048	0,308	0,001	0,007	0,045	FALSE
0,086	0,297	0,002	0,012	0,067	FALSE
0,000	0,301	0,000	0,009	0,009	FALSE
-0,005	0,308	-0,001	0,009	0,022	FALSE
-0,030	0,307	-0,001	0,009	0,043	FALSE
-0,036	0,312	-0,002	0,009	0,071	FALSE
-0,056	0,328	-0,002	0,010	0,088	FALSE
-0,127	0,293	-0,003	0,006	0,193	FALSE
-0,064	0,322	-0,002	0,011	0,086	FALSE
-0,010	0,306	-0,001	0,013	0,039	FALSE
-0,014	0,316	0,000	0,008	0,001	FALSE
0,048	0,300	0,001	0,009	0,049	FALSE
0,002	0,312	0,000	0,007	0,008	FALSE
0,126	0,313	0,004	0,010	0,171	FALSE
0,004	0,312	-0,001	0,007	0,025	FALSE
-0,064	0,297	-0,002	0,010	0,074	FALSE
-0,022	0,305	-0,001	0,012	0,035	FALSE
-0,035	0,306	-0,002	0,012	0,052	FALSE
-0,095	0,304	-0,003	0,010	0,109	FALSE
-0,050	0,309	-0,002	0,010	0,058	FALSE

-0,018	0,294	-0,001	0,011	0,022	FALSE
0,097	0,310	0,003	0,008	0,167	FALSE
0,108	0,313	0,003	0,007	0,171	FALSE
0,051	0,315	0,002	0,013	0,058	FALSE
-0,077	0,307	-0,002	0,009	0,100	FALSE
-0,035	0,301	-0,001	0,009	0,042	FALSE
-0,053	0,302	-0,001	0,008	0,050	FALSE
0,068	0,278	0,001	0,008	0,049	FALSE
-0,073	0,319	-0,003	0,010	0,122	FALSE
0,000	0,302	0,001	0,012	0,016	FALSE
0,023	0,314	0,001	0,012	0,035	FALSE
0,037	0,304	0,002	0,012	0,053	FALSE
0,067	0,306	0,004	0,013	0,119	FALSE
0,065	0,318	0,002	0,008	0,076	FALSE
0,051	0,317	0,002	0,008	0,070	FALSE
0,076	0,307	0,002	0,008	0,094	FALSE
-0,009	0,286	-0,001	0,009	0,043	FALSE
-0,070	0,291	-0,001	0,006	0,074	FALSE
-0,107	0,292	-0,003	0,010	0,123	FALSE
0,051	0,306	0,001	0,008	0,039	FALSE
0,071	0,304	0,003	0,012	0,084	FALSE
0,014	0,310	0,001	0,011	0,041	FALSE
0,004	0,304	0,000	0,012	0,004	FALSE
-0,032	0,320	0,000	0,007	0,023	FALSE
0,029	0,311	0,001	0,008	0,026	FALSE
0,073	0,302	0,002	0,008	0,115	FALSE
0,018	0,310	0,001	0,008	0,029	FALSE
-0,032	0,312	-0,001	0,013	0,033	FALSE
-0,017	0,313	-0,001	0,009	0,021	FALSE
0,014	0,309	0,001	0,013	0,030	FALSE
0,034	0,301	0,001	0,009	0,048	FALSE
0,029	0,304	0,002	0,010	0,065	FALSE
0,031	0,319	0,001	0,008	0,024	FALSE
0,045	0,296	0,001	0,007	0,039	FALSE
0,015	0,305	0,000	0,008	0,011	FALSE
0,058	0,303	0,001	0,007	0,078	FALSE
0,020	0,296	0,001	0,008	0,040	FALSE
-0,029	0,303	0,000	0,010	0,008	FALSE
-0,057	0,313	-0,002	0,009	0,073	FALSE
-0,020	0,307	-0,001	0,008	0,035	FALSE
0,039	0,299	0,001	0,007	0,073	FALSE
-0,129	0,304	-0,004	0,008	0,191	FALSE
0,013	0,305	0,001	0,013	0,015	FALSE
0,135	0,291	0,004	0,011	0,152	FALSE
0,181	0,299	0,006	0,011	0,220	FALSE
0,030	0,314	0,002	0,010	0,065	FALSE
0,032	0,319	0,000	0,009	0,015	FALSE
-0,047	0,305	-0,001	0,008	0,054	FALSE
-0,033	0,303	-0,001	0,008	0,045	FALSE
-0,004	0,308	0,000	0,008	0,005	FALSE
-0,059	0,296	-0,002	0,008	0,073	FALSE
-0,011	0,306	0,000	0,006	0,002	FALSE
-0,007	0,298	0,001	0,011	0,025	FALSE

0,125	0,300	0,003	0,008	0,178	FALSE
-0,004	0,289	0,000	0,008	0,005	FALSE
-0,006	0,308	0,000	0,012	0,007	FALSE
0,055	0,310	0,001	0,007	0,053	FALSE
-0,067	0,291	-0,002	0,008	0,122	FALSE
-0,077	0,309	-0,003	0,012	0,101	FALSE
0,041	0,311	0,001	0,011	0,040	FALSE
0,027	0,313	0,000	0,013	0,004	FALSE
-0,037	0,305	-0,002	0,010	0,066	FALSE
0,023	0,299	0,001	0,007	0,066	FALSE
0,087	0,310	0,003	0,007	0,163	FALSE
-0,060	0,310	-0,002	0,008	0,073	FALSE
0,009	0,308	0,000	0,008	0,002	FALSE
0,123	0,317	0,003	0,008	0,180	FALSE
-0,059	0,315	-0,001	0,008	0,061	FALSE
0,024	0,309	0,000	0,010	0,006	FALSE
0,066	0,301	0,002	0,008	0,114	FALSE
-0,078	0,304	-0,003	0,008	0,127	FALSE
0,099	0,296	0,004	0,009	0,185	FALSE
-0,168	0,276	-0,008	0,012	0,302	FALSE
0,010	0,298	0,000	0,013	0,007	FALSE
0,020	0,307	0,000	0,013	0,005	FALSE
-0,167	0,310	-0,006	0,010	0,237	FALSE
0,008	0,294	0,000	0,012	0,012	FALSE
0,040	0,323	0,002	0,010	0,064	FALSE
-0,079	0,299	-0,004	0,012	0,115	FALSE
-0,193	0,309	-0,005	0,008	0,254	FALSE
-0,027	0,313	0,000	0,008	0,018	FALSE
-0,011	0,297	0,000	0,013	0,002	FALSE
-0,047	0,301	-0,001	0,009	0,064	FALSE
-0,039	0,289	-0,001	0,008	0,039	FALSE
-0,022	0,306	0,000	0,008	0,012	FALSE
-0,097	0,316	-0,003	0,012	0,104	FALSE
0,185	0,297	0,005	0,007	0,276	FALSE
0,144	0,303	0,005	0,010	0,206	FALSE
0,104	0,300	0,003	0,009	0,156	FALSE
0,035	0,309	0,002	0,009	0,074	FALSE
0,046	0,310	0,001	0,008	0,056	FALSE
-0,066	0,327	-0,001	0,007	0,074	FALSE
-0,058	0,319	-0,001	0,011	0,044	FALSE
0,011	0,298	0,000	0,008	0,021	FALSE
-0,099	0,289	-0,004	0,011	0,149	FALSE
-0,114	0,320	-0,003	0,009	0,117	FALSE
-0,040	0,299	-0,001	0,007	0,050	FALSE
0,041	0,304	0,001	0,010	0,020	FALSE
-0,037	0,325	-0,001	0,011	0,024	FALSE
-0,094	0,293	-0,004	0,010	0,141	FALSE
0,040	0,306	0,002	0,010	0,066	FALSE
0,088	0,301	0,003	0,008	0,147	FALSE
-0,015	0,310	0,000	0,009	0,012	FALSE
0,116	0,300	0,006	0,012	0,207	FALSE
-0,072	0,308	-0,003	0,011	0,106	FALSE
0,078	0,299	0,001	0,007	0,081	FALSE

-0,006	0,297	0,000	0,012	0,006	FALSE
0,055	0,314	0,001	0,007	0,060	FALSE
-0,011	0,322	0,000	0,007	0,012	FALSE
-0,047	0,306	-0,001	0,009	0,037	FALSE
0,079	0,287	0,002	0,009	0,086	FALSE
0,071	0,310	0,002	0,010	0,064	FALSE
0,101	0,317	0,003	0,010	0,108	FALSE
0,009	0,302	0,000	0,010	0,012	FALSE
0,021	0,314	0,001	0,012	0,023	FALSE
-0,078	0,307	-0,002	0,007	0,104	FALSE
-0,069	0,308	-0,003	0,012	0,094	FALSE
0,044	0,300	0,000	0,006	0,028	FALSE
0,040	0,299	0,002	0,011	0,060	FALSE
0,011	0,300	0,000	0,011	0,015	FALSE
0,034	0,298	0,002	0,011	0,050	FALSE
0,031	0,284	0,001	0,010	0,044	FALSE
0,045	0,326	0,003	0,012	0,079	FALSE
0,028	0,290	0,001	0,006	0,040	FALSE
0,027	0,311	0,001	0,009	0,029	FALSE
0,025	0,304	0,001	0,010	0,049	FALSE
-0,021	0,319	-0,001	0,013	0,022	FALSE
-0,028	0,319	-0,001	0,012	0,028	FALSE
0,039	0,316	0,001	0,009	0,055	FALSE
-0,141	0,319	-0,006	0,013	0,178	FALSE
0,041	0,310	0,001	0,007	0,047	FALSE
0,019	0,312	0,001	0,012	0,019	FALSE
0,022	0,307	0,000	0,012	0,004	FALSE
-0,058	0,306	-0,002	0,011	0,064	FALSE
0,014	0,315	0,001	0,007	0,037	FALSE
-0,014	0,302	0,000	0,012	0,010	FALSE
-0,005	0,308	0,000	0,012	0,004	FALSE
0,064	0,293	0,002	0,012	0,048	FALSE
0,093	0,307	0,003	0,006	0,183	FALSE
0,083	0,309	0,002	0,009	0,078	FALSE
-0,030	0,300	0,000	0,007	0,021	FALSE
-0,015	0,303	0,000	0,011	0,006	FALSE
-0,183	0,292	-0,007	0,013	0,249	FALSE
0,090	0,302	0,003	0,012	0,111	FALSE
0,066	0,316	0,002	0,009	0,093	FALSE
-0,184	0,303	-0,004	0,006	0,272	FALSE
-0,051	0,322	-0,001	0,009	0,049	FALSE
0,138	0,303	0,004	0,007	0,209	FALSE
-0,074	0,300	-0,002	0,010	0,065	FALSE
-0,018	0,305	0,000	0,007	0,006	FALSE
-0,109	0,308	-0,005	0,012	0,170	FALSE
0,006	0,316	0,001	0,008	0,023	FALSE
0,057	0,318	0,002	0,009	0,072	FALSE
-0,053	0,312	-0,003	0,012	0,089	FALSE
-0,044	0,295	-0,001	0,006	0,038	FALSE
0,097	0,311	0,002	0,010	0,090	FALSE
0,001	0,309	-0,001	0,007	0,027	FALSE
-0,001	0,306	0,001	0,009	0,036	FALSE
-0,017	0,306	-0,001	0,007	0,035	FALSE

0,036	0,314	0,001	0,012	0,031	FALSE
0,030	0,321	0,001	0,012	0,021	FALSE
0,164	0,303	0,004	0,007	0,249	FALSE
0,039	0,295	0,000	0,009	0,016	FALSE
0,085	0,310	0,002	0,007	0,113	FALSE
0,101	0,316	0,004	0,013	0,121	FALSE
0,098	0,303	0,003	0,009	0,140	FALSE
-0,189	0,297	-0,008	0,012	0,308	FALSE
0,057	0,300	0,002	0,007	0,102	FALSE
-0,030	0,303	-0,001	0,010	0,050	FALSE
0,094	0,300	0,004	0,012	0,128	FALSE
-0,069	0,298	-0,003	0,012	0,094	FALSE
0,100	0,295	0,004	0,012	0,133	FALSE
-0,086	0,310	-0,002	0,007	0,097	FALSE
0,033	0,307	0,001	0,008	0,062	FALSE
-0,002	0,314	0,000	0,013	0,004	FALSE
-0,113	0,295	-0,004	0,008	0,177	FALSE
0,136	0,309	0,004	0,010	0,192	FALSE
-0,007	0,306	-0,001	0,012	0,021	FALSE
0,061	0,316	0,004	0,013	0,104	FALSE
-0,012	0,316	0,000	0,007	0,002	FALSE
-0,043	0,297	-0,001	0,010	0,043	FALSE
0,070	0,312	0,001	0,007	0,077	FALSE
0,056	0,319	0,001	0,008	0,055	FALSE
-0,135	0,308	-0,004	0,011	0,163	FALSE
0,004	0,310	0,000	0,006	0,014	FALSE
0,061	0,305	0,002	0,007	0,109	FALSE
0,114	0,311	0,003	0,010	0,120	FALSE
0,059	0,305	0,001	0,006	0,062	FALSE
-0,092	0,307	-0,002	0,008	0,118	FALSE
-0,028	0,311	-0,001	0,009	0,038	FALSE
-0,039	0,303	-0,001	0,009	0,051	FALSE
-0,019	0,298	-0,001	0,012	0,039	FALSE
-0,068	0,298	-0,002	0,009	0,076	FALSE
-0,068	0,298	-0,003	0,011	0,097	FALSE
-0,111	0,311	-0,005	0,012	0,159	FALSE
-0,085	0,304	-0,004	0,011	0,131	FALSE
0,057	0,310	0,003	0,013	0,075	FALSE
0,059	0,313	0,001	0,007	0,078	FALSE
-0,049	0,301	-0,002	0,009	0,074	FALSE
-0,098	0,306	-0,005	0,012	0,162	FALSE
-0,006	0,289	0,000	0,011	0,011	FALSE
-0,077	0,311	-0,004	0,013	0,110	FALSE
-0,064	0,303	-0,002	0,011	0,056	FALSE
0,095	0,304	0,004	0,013	0,115	FALSE
-0,041	0,291	-0,002	0,010	0,074	FALSE
0,002	0,312	0,000	0,012	0,002	FALSE
0,001	0,318	0,000	0,011	0,003	FALSE
-0,014	0,301	-0,001	0,013	0,034	FALSE
-0,017	0,316	0,000	0,011	0,000	FALSE
-0,010	0,298	-0,001	0,009	0,029	FALSE
0,078	0,305	0,002	0,011	0,083	FALSE
0,078	0,319	0,002	0,007	0,076	FALSE

-0,115	0,293	-0,003	0,008	0,156	FALSE
-0,069	0,321	-0,001	0,007	0,080	FALSE
0,074	0,283	0,003	0,009	0,120	FALSE
-0,145	0,293	-0,006	0,011	0,210	FALSE
-0,052	0,311	-0,001	0,008	0,044	FALSE
-0,008	0,303	0,000	0,008	0,009	FALSE
0,027	0,314	0,001	0,011	0,034	FALSE
0,115	0,310	0,004	0,012	0,134	FALSE
0,013	0,314	0,001	0,008	0,029	FALSE
-0,015	0,314	0,000	0,011	0,011	FALSE
-0,134	0,300	-0,003	0,008	0,166	FALSE
-0,043	0,293	-0,001	0,006	0,081	FALSE
-0,030	0,313	-0,001	0,007	0,050	FALSE
-0,032	0,306	-0,001	0,009	0,062	FALSE
-0,008	0,306	0,000	0,007	0,002	FALSE
0,112	0,299	0,004	0,012	0,137	FALSE
0,059	0,305	0,002	0,008	0,081	FALSE
0,076	0,309	0,002	0,008	0,073	FALSE
0,000	0,313	0,001	0,012	0,018	FALSE
-0,063	0,302	-0,002	0,011	0,069	FALSE
-0,036	0,311	-0,001	0,012	0,043	FALSE
-0,052	0,299	-0,002	0,013	0,053	FALSE
0,057	0,312	0,002	0,013	0,049	FALSE
0,104	0,318	0,003	0,009	0,140	FALSE
0,077	0,308	0,002	0,012	0,073	FALSE
0,149	0,303	0,003	0,006	0,203	FALSE
0,004	0,307	0,000	0,010	0,008	FALSE
-0,127	0,311	-0,002	0,007	0,145	FALSE
-0,024	0,303	0,000	0,007	0,008	FALSE
0,055	0,305	0,001	0,007	0,083	FALSE
-0,096	0,314	-0,003	0,008	0,127	FALSE
0,003	0,298	0,001	0,013	0,018	FALSE
-0,023	0,309	0,000	0,013	0,013	FALSE
0,028	0,307	0,001	0,011	0,023	FALSE
-0,076	0,305	-0,002	0,008	0,107	FALSE
-0,036	0,312	-0,001	0,008	0,064	FALSE
0,038	0,321	0,001	0,012	0,037	FALSE
-0,019	0,313	-0,001	0,013	0,029	FALSE
0,039	0,307	0,001	0,010	0,041	FALSE
0,074	0,308	0,001	0,011	0,048	FALSE
0,022	0,313	0,001	0,012	0,032	FALSE
-0,102	0,303	-0,002	0,007	0,097	FALSE
-0,021	0,297	-0,001	0,012	0,042	FALSE
-0,048	0,297	-0,001	0,006	0,071	FALSE
0,160	0,304	0,003	0,007	0,197	FALSE
0,006	0,304	0,000	0,007	0,006	FALSE
-0,004	0,313	0,000	0,013	0,003	FALSE
0,081	0,293	0,002	0,007	0,124	FALSE
0,009	0,305	0,000	0,010	0,012	FALSE
0,022	0,303	0,001	0,008	0,022	FALSE
-0,006	0,306	-0,001	0,009	0,033	FALSE
0,011	0,312	0,001	0,008	0,027	FALSE
0,066	0,312	0,002	0,007	0,089	FALSE

-0,059	0,306	-0,002	0,012	0,067	FALSE
0,025	0,297	0,001	0,008	0,027	FALSE
-0,015	0,315	0,000	0,007	0,018	FALSE
0,075	0,303	0,002	0,009	0,098	FALSE
0,075	0,317	0,003	0,013	0,073	FALSE
0,041	0,305	0,002	0,013	0,045	FALSE
0,063	0,300	0,002	0,012	0,076	FALSE
0,146	0,301	0,004	0,009	0,177	FALSE
0,201	0,292	0,007	0,011	0,273	FALSE
0,036	0,302	0,002	0,011	0,051	FALSE
0,189	0,305	0,004	0,006	0,264	FALSE
-0,167	0,309	-0,005	0,009	0,245	FALSE
-0,151	0,298	-0,003	0,007	0,206	FALSE
-0,065	0,304	-0,002	0,012	0,073	FALSE
-0,081	0,309	-0,002	0,006	0,091	FALSE
0,025	0,314	0,001	0,009	0,038	FALSE
-0,031	0,316	-0,001	0,010	0,030	FALSE
-0,126	0,318	-0,003	0,006	0,157	FALSE
-0,013	0,311	0,000	0,011	0,004	FALSE
-0,069	0,314	-0,002	0,010	0,066	FALSE
0,128	0,304	0,003	0,007	0,176	FALSE
0,106	0,300	0,004	0,011	0,141	FALSE
-0,082	0,308	-0,004	0,012	0,128	FALSE
0,061	0,297	0,002	0,008	0,088	FALSE
-0,068	0,306	-0,002	0,009	0,089	FALSE
-0,034	0,313	-0,001	0,007	0,039	FALSE
0,076	0,292	0,001	0,006	0,089	FALSE
-0,068	0,303	-0,001	0,008	0,059	FALSE
-0,112	0,310	-0,006	0,013	0,200	FALSE
-0,140	0,305	-0,005	0,010	0,206	FALSE
-0,068	0,325	-0,002	0,011	0,069	FALSE
0,024	0,291	0,001	0,006	0,050	FALSE
0,011	0,299	0,001	0,009	0,031	FALSE
0,126	0,314	0,005	0,013	0,150	FALSE
0,111	0,299	0,005	0,011	0,172	FALSE
0,059	0,305	0,001	0,008	0,055	FALSE
-0,070	0,323	-0,003	0,012	0,102	FALSE
-0,105	0,314	-0,003	0,009	0,139	FALSE
0,173	0,292	0,005	0,010	0,198	FALSE
-0,088	0,300	-0,002	0,008	0,077	FALSE
-0,105	0,310	-0,002	0,009	0,102	FALSE
-0,052	0,305	-0,002	0,008	0,067	FALSE
-0,097	0,302	-0,003	0,010	0,115	FALSE
-0,033	0,295	0,000	0,006	0,015	FALSE
-0,037	0,320	0,000	0,008	0,012	FALSE
-0,079	0,306	-0,003	0,013	0,073	FALSE
-0,088	0,311	-0,003	0,013	0,082	FALSE
-0,012	0,305	0,000	0,010	0,008	FALSE
-0,020	0,310	0,000	0,008	0,002	FALSE
-0,062	0,321	-0,001	0,009	0,047	FALSE
-0,056	0,308	-0,001	0,008	0,039	FALSE
-0,054	0,301	-0,001	0,008	0,037	FALSE
-0,053	0,303	-0,002	0,012	0,049	FALSE

0,040	0,319	0,001	0,009	0,028	FALSE
-0,214	0,296	-0,009	0,011	0,353	FALSE
-0,012	0,306	0,000	0,010	0,009	FALSE
0,094	0,314	0,003	0,012	0,115	FALSE
0,086	0,298	0,003	0,011	0,105	FALSE
0,110	0,305	0,005	0,012	0,149	FALSE
-0,044	0,304	-0,001	0,007	0,043	FALSE
-0,016	0,313	-0,001	0,011	0,028	FALSE
-0,012	0,316	-0,001	0,013	0,033	FALSE
0,042	0,303	0,000	0,009	0,007	FALSE
0,013	0,298	0,000	0,009	0,010	FALSE
0,021	0,306	0,000	0,013	0,004	FALSE
0,040	0,309	0,001	0,010	0,039	FALSE
0,027	0,274	0,000	0,011	0,010	FALSE
0,155	0,287	0,006	0,012	0,228	FALSE
0,176	0,306	0,005	0,008	0,262	FALSE
0,024	0,313	0,000	0,008	0,004	FALSE
0,117	0,296	0,004	0,009	0,173	FALSE
0,115	0,304	0,004	0,011	0,136	FALSE
0,119	0,302	0,004	0,011	0,138	FALSE
0,096	0,314	0,003	0,012	0,108	FALSE
0,057	0,311	0,001	0,007	0,062	FALSE
-0,068	0,313	-0,003	0,013	0,090	FALSE
-0,051	0,300	-0,002	0,013	0,063	FALSE
0,036	0,297	0,002	0,009	0,066	FALSE
0,049	0,293	0,001	0,008	0,046	FALSE
0,025	0,316	0,001	0,012	0,025	FALSE
0,048	0,302	0,001	0,008	0,071	FALSE
0,067	0,304	0,001	0,008	0,057	FALSE
-0,006	0,303	-0,001	0,008	0,027	FALSE
0,065	0,311	0,003	0,012	0,081	FALSE
0,004	0,290	0,000	0,006	0,010	FALSE
0,067	0,303	0,003	0,011	0,089	FALSE
0,036	0,296	0,001	0,008	0,066	FALSE
0,052	0,319	0,002	0,008	0,074	FALSE
-0,013	0,304	0,000	0,008	0,009	FALSE
0,056	0,318	0,001	0,007	0,067	FALSE
-0,114	0,299	-0,003	0,008	0,142	FALSE
-0,117	0,317	-0,003	0,009	0,133	FALSE
-0,048	0,316	-0,002	0,011	0,071	FALSE
0,038	0,315	0,001	0,007	0,054	FALSE
0,142	0,296	0,003	0,007	0,221	FALSE
-0,069	0,313	-0,002	0,008	0,081	FALSE
0,013	0,310	0,000	0,007	0,011	FALSE
-0,161	0,297	-0,004	0,008	0,243	FALSE
0,041	0,299	0,001	0,009	0,036	FALSE
0,153	0,296	0,003	0,008	0,173	FALSE
-0,181	0,310	-0,004	0,007	0,269	FALSE
0,039	0,304	0,001	0,012	0,035	FALSE
0,044	0,320	0,002	0,007	0,080	FALSE
0,068	0,297	0,002	0,010	0,073	FALSE
-0,124	0,314	-0,003	0,007	0,157	FALSE
0,013	0,309	0,000	0,008	0,002	FALSE

-0,087	0,321	-0,002	0,008	0,097	FALSE
0,010	0,308	0,000	0,007	0,001	FALSE
0,157	0,304	0,005	0,010	0,212	FALSE
0,078	0,304	0,002	0,008	0,075	FALSE
-0,020	0,304	-0,001	0,010	0,025	FALSE
0,053	0,301	0,003	0,013	0,074	FALSE
0,047	0,307	0,002	0,013	0,058	FALSE
0,104	0,293	0,004	0,011	0,146	FALSE
-0,155	0,303	-0,006	0,010	0,255	FALSE
0,121	0,304	0,005	0,012	0,159	FALSE
0,109	0,308	0,005	0,012	0,154	FALSE
0,103	0,303	0,004	0,013	0,141	FALSE
0,061	0,327	0,002	0,007	0,104	FALSE
0,081	0,324	0,002	0,010	0,090	FALSE
0,055	0,316	0,002	0,009	0,069	FALSE
-0,064	0,304	-0,001	0,010	0,053	FALSE
0,007	0,305	0,000	0,011	0,008	FALSE
-0,047	0,281	-0,001	0,012	0,042	FALSE
0,024	0,312	0,001	0,013	0,019	FALSE
-0,068	0,300	-0,002	0,013	0,062	FALSE
0,022	0,298	0,000	0,013	0,001	FALSE
-0,080	0,309	-0,002	0,007	0,110	FALSE
0,067	0,308	0,002	0,011	0,079	FALSE
-0,140	0,299	-0,006	0,011	0,209	FALSE
-0,060	0,310	-0,002	0,011	0,083	FALSE
-0,012	0,313	-0,001	0,011	0,033	FALSE
-0,147	0,295	-0,004	0,008	0,203	FALSE
-0,013	0,310	-0,001	0,011	0,024	FALSE
-0,006	0,322	-0,001	0,012	0,023	FALSE
0,087	0,299	0,003	0,009	0,112	FALSE
-0,053	0,299	-0,002	0,010	0,082	FALSE
-0,023	0,318	-0,001	0,009	0,029	FALSE
0,111	0,318	0,004	0,010	0,143	FALSE
-0,023	0,302	-0,001	0,008	0,045	FALSE
-0,099	0,303	-0,003	0,007	0,156	FALSE
-0,072	0,310	-0,002	0,013	0,075	FALSE
-0,044	0,315	-0,002	0,012	0,046	FALSE
-0,020	0,317	0,000	0,012	0,011	FALSE
0,143	0,296	0,005	0,009	0,198	FALSE
0,038	0,306	0,002	0,013	0,045	FALSE
0,087	0,298	0,003	0,011	0,102	FALSE
0,023	0,297	0,001	0,008	0,032	FALSE
-0,064	0,315	-0,002	0,008	0,081	FALSE
0,069	0,311	0,003	0,010	0,106	FALSE
0,015	0,306	0,000	0,008	0,002	FALSE
-0,047	0,310	-0,001	0,009	0,060	FALSE
0,079	0,320	0,003	0,012	0,087	FALSE
-0,014	0,308	-0,001	0,013	0,018	FALSE
0,108	0,311	0,004	0,011	0,168	FALSE
0,104	0,306	0,003	0,008	0,146	FALSE
-0,006	0,296	0,000	0,010	0,008	FALSE
0,110	0,291	0,004	0,010	0,157	FALSE
0,064	0,308	0,003	0,010	0,130	FALSE

-0,096	0,312	-0,003	0,009	0,136	FALSE
0,019	0,304	0,000	0,009	0,003	FALSE
-0,058	0,307	-0,002	0,011	0,058	FALSE
-0,064	0,308	-0,003	0,013	0,087	FALSE
-0,061	0,312	-0,003	0,010	0,093	FALSE
-0,089	0,299	-0,004	0,013	0,118	FALSE
0,172	0,296	0,007	0,013	0,238	FALSE
0,082	0,300	0,003	0,009	0,117	FALSE
0,067	0,294	0,002	0,009	0,101	FALSE
0,148	0,305	0,007	0,013	0,212	FALSE
0,097	0,300	0,003	0,009	0,133	FALSE
0,093	0,304	0,005	0,012	0,149	FALSE
0,117	0,286	0,006	0,012	0,189	FALSE
0,148	0,292	0,007	0,012	0,231	FALSE
0,014	0,299	0,001	0,009	0,026	FALSE
0,126	0,302	0,006	0,012	0,203	FALSE
0,149	0,298	0,004	0,009	0,192	FALSE
0,173	0,311	0,007	0,012	0,247	FALSE
0,075	0,322	0,003	0,011	0,091	FALSE
-0,034	0,315	0,000	0,007	0,014	FALSE
0,111	0,315	0,004	0,011	0,134	FALSE
-0,077	0,307	-0,002	0,007	0,101	FALSE
-0,030	0,319	-0,002	0,012	0,045	FALSE
-0,004	0,303	0,000	0,012	0,014	FALSE
0,106	0,306	0,002	0,007	0,113	FALSE
-0,026	0,306	-0,001	0,008	0,029	FALSE
0,041	0,307	0,001	0,010	0,040	FALSE
0,128	0,301	0,003	0,006	0,182	FALSE
-0,031	0,298	-0,001	0,009	0,036	FALSE
-0,104	0,305	-0,004	0,011	0,128	FALSE
-0,086	0,309	-0,004	0,013	0,111	FALSE
-0,058	0,304	-0,002	0,012	0,064	FALSE
0,041	0,307	0,002	0,009	0,083	FALSE
-0,217	0,292	-0,006	0,008	0,312	FALSE
0,041	0,310	0,001	0,008	0,037	FALSE
-0,033	0,295	-0,001	0,008	0,042	FALSE
-0,053	0,310	-0,002	0,012	0,075	FALSE
-0,059	0,330	-0,002	0,012	0,077	FALSE
-0,060	0,307	-0,002	0,010	0,054	FALSE
-0,045	0,307	-0,001	0,008	0,048	FALSE
0,057	0,315	0,002	0,009	0,078	FALSE
-0,019	0,310	0,000	0,011	0,012	FALSE
-0,061	0,304	-0,002	0,008	0,079	FALSE
0,050	0,293	0,002	0,010	0,067	FALSE
0,082	0,312	0,004	0,011	0,121	FALSE
-0,024	0,306	-0,002	0,012	0,050	FALSE
0,023	0,291	0,001	0,012	0,022	FALSE
0,059	0,305	0,002	0,008	0,083	FALSE
-0,007	0,320	0,000	0,011	0,002	FALSE
0,017	0,317	0,001	0,012	0,024	FALSE
0,014	0,308	0,001	0,010	0,020	FALSE
0,043	0,310	0,002	0,013	0,047	FALSE
-0,085	0,302	-0,002	0,007	0,126	FALSE

-0,014	0,303	0,000	0,008	0,013	FALSE
-0,043	0,312	-0,001	0,006	0,055	FALSE
-0,078	0,314	-0,002	0,010	0,087	FALSE
-0,042	0,318	-0,002	0,013	0,060	FALSE
0,013	0,312	0,000	0,007	0,016	FALSE
0,032	0,304	0,001	0,012	0,018	FALSE
0,059	0,297	0,002	0,008	0,093	FALSE
-0,052	0,313	-0,002	0,011	0,079	FALSE
0,059	0,303	0,002	0,008	0,071	FALSE
0,067	0,311	0,003	0,013	0,093	FALSE
0,280	0,301	0,010	0,011	0,465	FALSE
0,247	0,296	0,008	0,009	0,405	FALSE
0,212	0,296	0,006	0,008	0,336	FALSE
0,079	0,305	0,002	0,008	0,091	FALSE
0,180	0,309	0,005	0,009	0,246	FALSE
-0,109	0,309	-0,003	0,008	0,126	FALSE
-0,060	0,297	-0,001	0,007	0,079	FALSE
-0,104	0,306	-0,004	0,011	0,132	FALSE
0,030	0,310	0,001	0,007	0,030	FALSE
0,008	0,312	0,000	0,013	0,010	FALSE
-0,023	0,298	-0,001	0,012	0,028	FALSE
-0,024	0,315	0,000	0,013	0,012	FALSE
0,009	0,306	0,000	0,012	0,011	FALSE
-0,056	0,310	-0,002	0,012	0,065	FALSE
-0,056	0,299	-0,001	0,007	0,061	FALSE
0,002	0,298	0,000	0,012	0,013	FALSE
-0,025	0,304	-0,001	0,012	0,033	FALSE
-0,033	0,320	-0,001	0,008	0,031	FALSE
-0,010	0,301	0,000	0,013	0,008	FALSE
-0,026	0,306	-0,001	0,007	0,027	FALSE
0,021	0,294	0,001	0,012	0,035	FALSE
-0,089	0,312	-0,003	0,010	0,117	FALSE
-0,044	0,308	-0,002	0,012	0,059	FALSE
-0,087	0,306	-0,002	0,006	0,099	FALSE
0,121	0,306	0,003	0,008	0,168	FALSE
-0,075	0,303	-0,005	0,012	0,159	FALSE
-0,077	0,306	-0,001	0,006	0,083	FALSE
-0,040	0,296	-0,002	0,012	0,069	FALSE
0,087	0,301	0,003	0,008	0,125	FALSE
0,033	0,309	0,001	0,011	0,041	FALSE
-0,014	0,309	-0,001	0,013	0,022	FALSE
0,042	0,307	0,001	0,011	0,033	FALSE
-0,092	0,308	-0,002	0,008	0,109	FALSE
0,050	0,316	0,001	0,011	0,043	FALSE
-0,055	0,309	-0,001	0,007	0,037	FALSE
-0,079	0,317	-0,002	0,007	0,077	FALSE
-0,045	0,313	-0,001	0,007	0,030	FALSE
0,124	0,297	0,002	0,007	0,123	FALSE
0,108	0,304	0,003	0,009	0,153	FALSE
-0,101	0,303	-0,004	0,012	0,128	FALSE
-0,047	0,319	-0,002	0,013	0,058	FALSE
-0,068	0,313	-0,002	0,007	0,086	FALSE
-0,058	0,331	-0,002	0,009	0,084	FALSE

0,017	0,310	0,000	0,007	0,008	FALSE
0,221	0,290	0,010	0,013	0,344	FALSE
-0,016	0,307	0,000	0,007	0,000	FALSE
-0,111	0,296	-0,005	0,013	0,152	FALSE
0,108	0,302	0,003	0,008	0,134	FALSE
0,121	0,298	0,003	0,008	0,136	FALSE
-0,014	0,308	-0,001	0,011	0,020	FALSE
0,040	0,319	0,002	0,011	0,052	FALSE
0,004	0,318	0,000	0,010	0,016	FALSE
-0,009	0,305	0,000	0,009	0,007	FALSE
-0,121	0,305	-0,005	0,012	0,158	FALSE
0,081	0,306	0,002	0,009	0,079	FALSE
0,039	0,300	0,000	0,006	0,027	FALSE
0,002	0,303	0,001	0,010	0,023	FALSE
0,031	0,308	0,001	0,012	0,023	FALSE
-0,067	0,301	-0,002	0,011	0,077	FALSE
-0,001	0,302	0,000	0,011	0,002	FALSE
0,001	0,303	0,000	0,006	0,000	FALSE
0,015	0,308	0,001	0,009	0,029	FALSE
0,065	0,316	0,001	0,009	0,059	FALSE
-0,020	0,296	0,000	0,012	0,014	FALSE
0,122	0,303	0,005	0,013	0,167	FALSE
0,151	0,297	0,007	0,013	0,223	FALSE
-0,049	0,310	-0,001	0,012	0,039	FALSE
-0,052	0,311	-0,001	0,012	0,032	FALSE
-0,092	0,306	-0,003	0,012	0,098	FALSE
0,060	0,311	0,002	0,009	0,075	FALSE
0,079	0,316	0,002	0,010	0,083	FALSE
-0,099	0,314	-0,004	0,013	0,110	FALSE
-0,079	0,297	-0,002	0,008	0,108	FALSE
-0,162	0,299	-0,006	0,011	0,236	FALSE
-0,142	0,304	-0,006	0,012	0,196	FALSE
-0,157	0,304	-0,007	0,012	0,234	FALSE
-0,136	0,301	-0,006	0,013	0,185	FALSE
-0,147	0,307	-0,006	0,012	0,209	FALSE
-0,081	0,286	-0,002	0,008	0,094	FALSE
0,110	0,313	0,005	0,012	0,182	FALSE
0,022	0,312	0,002	0,011	0,052	FALSE
0,053	0,312	0,003	0,011	0,097	FALSE
0,096	0,318	0,004	0,013	0,107	FALSE
-0,012	0,308	0,000	0,007	0,002	FALSE
-0,044	0,302	-0,001	0,006	0,044	FALSE
0,028	0,317	0,001	0,011	0,048	FALSE
-0,066	0,305	-0,002	0,012	0,070	FALSE
0,000	0,305	0,000	0,010	0,014	FALSE
-0,078	0,318	-0,004	0,013	0,110	FALSE
0,004	0,311	0,000	0,009	0,008	FALSE
-0,019	0,303	-0,001	0,012	0,033	FALSE
-0,005	0,303	-0,001	0,012	0,021	FALSE
0,124	0,297	0,003	0,007	0,145	FALSE
-0,149	0,304	-0,003	0,006	0,184	FALSE
0,046	0,306	0,001	0,008	0,054	FALSE
0,047	0,314	0,001	0,007	0,069	FALSE

0,144	0,305	0,004	0,008	0,199	FALSE
-0,072	0,303	-0,003	0,009	0,116	FALSE
-0,003	0,303	0,000	0,013	0,009	FALSE
0,009	0,285	0,001	0,012	0,027	FALSE
0,022	0,313	0,000	0,007	0,014	FALSE
-0,040	0,315	-0,001	0,012	0,037	FALSE
-0,042	0,315	-0,002	0,012	0,054	FALSE
-0,025	0,294	-0,001	0,008	0,025	FALSE
-0,006	0,307	0,000	0,011	0,016	FALSE
-0,020	0,298	-0,001	0,010	0,040	FALSE
-0,025	0,296	-0,001	0,011	0,050	FALSE
-0,010	0,308	-0,001	0,013	0,017	FALSE
0,008	0,309	0,000	0,011	0,003	FALSE
0,023	0,297	0,001	0,007	0,049	FALSE
-0,028	0,302	-0,002	0,013	0,052	FALSE
0,107	0,296	0,005	0,013	0,168	FALSE
0,094	0,286	0,005	0,013	0,148	FALSE
-0,108	0,296	-0,003	0,006	0,166	FALSE
0,044	0,327	0,002	0,013	0,050	FALSE
-0,045	0,320	-0,002	0,010	0,065	FALSE
0,012	0,317	0,001	0,013	0,016	FALSE
0,105	0,310	0,003	0,009	0,145	FALSE
0,059	0,301	0,002	0,009	0,095	FALSE
-0,107	0,307	-0,005	0,012	0,179	FALSE
0,058	0,298	0,002	0,007	0,109	FALSE
0,006	0,307	0,000	0,010	0,000	FALSE
0,036	0,311	0,001	0,010	0,028	FALSE
-0,044	0,322	-0,002	0,010	0,055	FALSE
-0,019	0,317	-0,001	0,010	0,031	FALSE
0,040	0,301	0,001	0,008	0,044	FALSE
-0,093	0,302	-0,003	0,009	0,120	FALSE
0,118	0,294	0,003	0,007	0,157	FALSE
0,020	0,317	0,000	0,010	0,012	FALSE
0,020	0,317	0,001	0,007	0,043	FALSE
0,112	0,302	0,002	0,006	0,151	FALSE
0,090	0,324	0,002	0,007	0,108	FALSE
-0,054	0,323	-0,002	0,009	0,062	FALSE
0,045	0,320	0,001	0,007	0,079	FALSE
-0,062	0,318	-0,001	0,006	0,082	FALSE
-0,087	0,302	-0,002	0,007	0,128	FALSE
-0,091	0,316	-0,003	0,011	0,117	FALSE
-0,112	0,323	-0,003	0,008	0,135	FALSE
-0,038	0,305	-0,001	0,008	0,037	FALSE
-0,116	0,300	-0,005	0,013	0,143	FALSE
-0,048	0,316	-0,001	0,007	0,042	FALSE
0,059	0,308	0,002	0,008	0,083	FALSE
0,044	0,295	0,001	0,008	0,032	FALSE
-0,012	0,312	0,000	0,009	0,003	FALSE
0,015	0,327	0,000	0,011	0,014	FALSE
-0,046	0,306	-0,001	0,008	0,031	FALSE
-0,062	0,308	-0,001	0,007	0,066	FALSE
-0,133	0,304	-0,005	0,009	0,216	FALSE
-0,035	0,293	-0,002	0,012	0,072	FALSE

0,018	0,306	0,001	0,012	0,018	FALSE
0,067	0,312	0,002	0,008	0,079	FALSE
-0,079	0,315	-0,002	0,007	0,090	FALSE
-0,169	0,307	-0,007	0,012	0,251	FALSE
0,196	0,301	0,008	0,012	0,299	FALSE
0,046	0,310	0,002	0,013	0,057	FALSE
-0,003	0,304	0,000	0,011	0,001	FALSE
-0,049	0,325	-0,002	0,012	0,062	FALSE
-0,002	0,313	-0,001	0,013	0,036	FALSE
0,005	0,317	-0,001	0,013	0,021	FALSE
-0,094	0,311	-0,002	0,007	0,123	FALSE
0,105	0,302	0,003	0,009	0,113	FALSE
-0,034	0,319	-0,001	0,012	0,030	FALSE
-0,010	0,306	0,000	0,010	0,007	FALSE
-0,082	0,315	-0,002	0,010	0,091	FALSE
-0,033	0,313	-0,001	0,011	0,037	FALSE
-0,144	0,302	-0,005	0,009	0,222	FALSE
-0,040	0,306	-0,002	0,010	0,065	FALSE
0,016	0,319	0,000	0,007	0,004	FALSE
-0,241	0,300	-0,011	0,013	0,419	FALSE
0,046	0,318	0,002	0,010	0,070	FALSE
-0,073	0,308	-0,002	0,008	0,095	FALSE
-0,062	0,307	-0,001	0,007	0,059	FALSE
-0,056	0,302	-0,001	0,007	0,068	FALSE
-0,075	0,317	-0,002	0,008	0,085	FALSE
0,029	0,299	0,001	0,006	0,059	FALSE
-0,063	0,315	-0,002	0,008	0,073	FALSE
0,025	0,309	0,001	0,013	0,035	FALSE
0,005	0,297	0,000	0,012	0,010	FALSE
-0,085	0,319	-0,003	0,011	0,124	FALSE
-0,005	0,316	0,000	0,013	0,002	FALSE
-0,114	0,307	-0,002	0,007	0,126	FALSE
0,155	0,310	0,006	0,012	0,203	FALSE
-0,045	0,304	-0,001	0,009	0,061	FALSE
-0,024	0,307	-0,001	0,009	0,057	FALSE
-0,021	0,303	-0,001	0,009	0,047	FALSE
0,034	0,311	0,001	0,007	0,034	FALSE
-0,101	0,296	-0,002	0,007	0,117	FALSE
-0,138	0,306	-0,003	0,007	0,199	FALSE
0,059	0,296	0,002	0,011	0,077	FALSE
0,112	0,309	0,004	0,011	0,157	FALSE
0,038	0,314	0,001	0,013	0,039	FALSE
0,021	0,312	0,000	0,010	0,007	FALSE
-0,006	0,321	-0,001	0,013	0,028	FALSE
-0,011	0,306	-0,001	0,011	0,033	FALSE
-0,042	0,303	-0,001	0,009	0,059	FALSE
-0,094	0,324	-0,004	0,013	0,118	FALSE
0,030	0,310	0,002	0,011	0,055	FALSE
-0,113	0,314	-0,003	0,008	0,169	FALSE
0,020	0,298	0,001	0,011	0,036	FALSE
0,147	0,305	0,007	0,013	0,215	FALSE
0,072	0,325	0,002	0,007	0,094	FALSE
-0,081	0,313	-0,002	0,008	0,100	FALSE

-0,041	0,315	-0,001	0,009	0,050	FALSE
-0,028	0,308	-0,001	0,009	0,029	FALSE
0,033	0,326	0,001	0,007	0,045	FALSE
0,010	0,310	0,000	0,009	0,018	FALSE
-0,018	0,302	0,000	0,010	0,007	FALSE
0,026	0,311	0,002	0,013	0,051	FALSE
-0,098	0,316	-0,002	0,009	0,101	FALSE
0,038	0,310	0,002	0,011	0,057	FALSE
0,041	0,314	0,002	0,011	0,065	FALSE
0,026	0,315	0,001	0,013	0,032	FALSE
-0,143	0,302	-0,004	0,010	0,184	FALSE
0,035	0,314	0,001	0,007	0,036	FALSE
-0,064	0,306	-0,002	0,013	0,073	FALSE
-0,072	0,299	-0,002	0,008	0,111	FALSE
0,047	0,317	0,001	0,008	0,046	FALSE
0,051	0,305	0,001	0,007	0,063	FALSE
-0,035	0,300	-0,001	0,009	0,041	FALSE
-0,043	0,296	-0,001	0,008	0,061	FALSE
-0,050	0,295	-0,001	0,008	0,048	FALSE
0,183	0,297	0,005	0,007	0,296	FALSE
0,020	0,297	0,000	0,011	0,001	FALSE
0,056	0,311	0,002	0,010	0,068	FALSE
0,057	0,307	0,001	0,009	0,061	FALSE
0,027	0,307	0,001	0,012	0,031	FALSE
0,038	0,310	0,001	0,012	0,041	FALSE
0,035	0,309	0,001	0,012	0,043	FALSE
0,047	0,314	0,002	0,013	0,051	FALSE
-0,062	0,302	-0,002	0,011	0,082	FALSE
-0,044	0,299	-0,001	0,011	0,042	FALSE
0,085	0,310	0,004	0,010	0,151	FALSE
-0,068	0,310	-0,002	0,012	0,074	FALSE
0,040	0,321	0,002	0,013	0,053	FALSE
-0,167	0,297	-0,004	0,007	0,265	FALSE
0,097	0,319	0,003	0,010	0,117	FALSE
-0,011	0,314	-0,001	0,009	0,028	FALSE
0,034	0,303	0,002	0,011	0,053	FALSE
0,013	0,307	0,001	0,012	0,022	FALSE
0,030	0,309	0,002	0,011	0,077	FALSE
0,027	0,303	0,002	0,010	0,070	FALSE
0,043	0,287	0,001	0,009	0,029	FALSE
-0,080	0,308	-0,003	0,009	0,137	FALSE
0,063	0,313	0,001	0,010	0,051	FALSE
-0,149	0,303	-0,004	0,007	0,239	FALSE
-0,083	0,313	-0,003	0,012	0,081	FALSE
0,059	0,305	0,001	0,013	0,036	FALSE
0,018	0,300	0,000	0,007	0,014	FALSE
0,003	0,302	0,000	0,007	0,005	FALSE
0,144	0,293	0,006	0,012	0,220	FALSE
0,037	0,305	0,002	0,012	0,048	FALSE
0,011	0,308	0,000	0,009	0,005	FALSE
-0,099	0,304	-0,002	0,007	0,133	FALSE
0,017	0,312	0,002	0,012	0,049	FALSE
0,076	0,287	0,002	0,008	0,107	FALSE

0,078	0,296	0,004	0,012	0,122	FALSE
0,041	0,302	0,001	0,008	0,061	FALSE
-0,154	0,297	-0,008	0,013	0,256	FALSE
-0,063	0,296	-0,004	0,012	0,113	FALSE
0,117	0,308	0,003	0,007	0,140	FALSE
0,106	0,313	0,004	0,011	0,151	FALSE
-0,064	0,285	-0,003	0,012	0,103	FALSE
0,059	0,304	0,002	0,009	0,088	FALSE
0,012	0,319	0,000	0,007	0,024	FALSE
0,055	0,307	0,002	0,010	0,092	FALSE
-0,157	0,299	-0,004	0,009	0,181	FALSE
-0,055	0,305	-0,002	0,008	0,073	FALSE
0,059	0,313	0,002	0,008	0,092	FALSE
0,168	0,299	0,004	0,007	0,255	FALSE
-0,052	0,305	-0,003	0,013	0,097	FALSE
0,006	0,298	0,001	0,012	0,041	FALSE
-0,084	0,307	-0,002	0,009	0,110	FALSE
0,078	0,321	0,002	0,010	0,077	FALSE
-0,067	0,304	-0,002	0,008	0,093	FALSE
-0,050	0,305	-0,002	0,013	0,052	FALSE
0,026	0,311	0,000	0,009	0,001	FALSE
0,069	0,314	0,004	0,012	0,109	FALSE
-0,045	0,307	-0,002	0,010	0,062	FALSE
-0,012	0,307	0,000	0,008	0,008	FALSE
0,017	0,321	0,000	0,007	0,013	FALSE
0,016	0,306	0,000	0,007	0,025	FALSE
0,098	0,296	0,003	0,009	0,118	FALSE
-0,010	0,308	0,000	0,009	0,016	FALSE
-0,085	0,307	-0,003	0,012	0,110	FALSE
-0,108	0,298	-0,004	0,012	0,133	FALSE
-0,109	0,304	-0,006	0,013	0,193	FALSE
-0,055	0,308	-0,001	0,012	0,047	FALSE
0,011	0,314	0,001	0,008	0,039	FALSE
0,065	0,318	0,003	0,012	0,081	FALSE
-0,076	0,319	-0,002	0,011	0,078	FALSE
0,034	0,313	0,001	0,009	0,023	FALSE
0,018	0,312	0,001	0,012	0,034	FALSE
0,069	0,303	0,001	0,008	0,064	FALSE
-0,031	0,311	-0,001	0,013	0,033	FALSE
-0,044	0,316	-0,002	0,012	0,069	FALSE
-0,183	0,291	-0,004	0,007	0,301	FALSE
0,115	0,292	0,003	0,008	0,164	FALSE
0,061	0,317	0,002	0,010	0,057	FALSE
0,072	0,312	0,002	0,008	0,105	FALSE
0,011	0,310	0,000	0,008	0,010	FALSE
-0,022	0,304	-0,001	0,010	0,055	FALSE
0,116	0,305	0,003	0,007	0,147	FALSE
-0,055	0,301	-0,002	0,012	0,071	FALSE
-0,135	0,298	-0,004	0,009	0,175	FALSE
0,018	0,305	0,000	0,007	0,017	FALSE
0,134	0,316	0,005	0,013	0,170	FALSE
-0,055	0,312	-0,002	0,008	0,078	FALSE
0,043	0,305	0,002	0,012	0,059	FALSE

0,053	0,309	0,002	0,010	0,067	FALSE
0,003	0,297	0,001	0,009	0,031	FALSE
0,006	0,308	0,001	0,010	0,022	FALSE
0,020	0,295	0,001	0,009	0,039	FALSE
0,028	0,300	0,001	0,009	0,052	FALSE
0,065	0,310	0,002	0,011	0,073	FALSE
-0,038	0,309	-0,003	0,013	0,078	FALSE
-0,102	0,315	-0,003	0,009	0,128	FALSE
-0,028	0,319	-0,001	0,007	0,049	FALSE
-0,095	0,302	-0,002	0,007	0,144	FALSE
-0,100	0,301	-0,002	0,009	0,101	FALSE
-0,115	0,305	-0,003	0,009	0,135	FALSE
-0,069	0,315	-0,003	0,011	0,104	FALSE
-0,194	0,304	-0,006	0,008	0,295	FALSE
-0,061	0,308	-0,002	0,010	0,081	FALSE
-0,087	0,300	-0,003	0,009	0,143	FALSE
-0,052	0,312	-0,002	0,010	0,074	FALSE
0,006	0,303	0,001	0,007	0,031	FALSE
-0,018	0,309	0,000	0,008	0,004	FALSE
-0,005	0,306	0,000	0,007	0,006	FALSE
-0,007	0,324	0,000	0,012	0,001	FALSE
0,055	0,310	0,003	0,012	0,101	FALSE
0,093	0,307	0,002	0,008	0,117	FALSE
-0,099	0,304	-0,005	0,012	0,154	FALSE
0,004	0,316	0,001	0,013	0,024	FALSE
0,006	0,309	0,001	0,013	0,029	FALSE
0,020	0,316	0,001	0,013	0,038	FALSE
0,015	0,313	0,001	0,013	0,040	FALSE
-0,024	0,304	-0,001	0,006	0,028	FALSE
0,017	0,295	0,001	0,012	0,029	FALSE
-0,052	0,302	-0,001	0,006	0,050	FALSE
0,179	0,302	0,007	0,012	0,235	FALSE
0,016	0,319	0,001	0,010	0,036	FALSE
-0,092	0,312	-0,003	0,009	0,105	FALSE
-0,142	0,310	-0,005	0,013	0,177	FALSE
-0,042	0,319	-0,001	0,011	0,028	FALSE
-0,061	0,305	-0,001	0,007	0,064	FALSE
-0,054	0,312	-0,001	0,007	0,059	FALSE
-0,004	0,316	-0,001	0,012	0,024	FALSE
0,135	0,296	0,003	0,007	0,194	FALSE
0,045	0,311	0,002	0,011	0,054	FALSE
-0,017	0,314	-0,001	0,011	0,020	FALSE
0,096	0,316	0,003	0,010	0,131	FALSE
0,029	0,320	0,000	0,008	0,021	FALSE
0,032	0,312	0,001	0,008	0,038	FALSE
-0,029	0,314	-0,001	0,007	0,046	FALSE
-0,009	0,300	0,000	0,007	0,014	FALSE
-0,208	0,305	-0,005	0,006	0,325	FALSE
-0,031	0,303	0,000	0,007	0,016	FALSE
-0,189	0,294	-0,004	0,006	0,297	FALSE
0,083	0,292	0,004	0,013	0,121	FALSE
0,080	0,305	0,002	0,009	0,106	FALSE
-0,054	0,308	-0,002	0,010	0,061	FALSE

-0,125	0,304	-0,003	0,009	0,134	FALSE
-0,178	0,296	-0,004	0,006	0,273	FALSE
-0,194	0,308	-0,008	0,013	0,289	FALSE
-0,212	0,306	-0,009	0,013	0,313	FALSE
-0,169	0,294	-0,003	0,006	0,230	FALSE
-0,055	0,303	-0,003	0,013	0,073	FALSE
-0,053	0,310	-0,002	0,012	0,068	FALSE
0,137	0,305	0,004	0,009	0,194	FALSE
-0,009	0,298	0,000	0,012	0,002	FALSE
0,002	0,295	0,001	0,012	0,017	FALSE
-0,010	0,305	0,000	0,012	0,002	FALSE
-0,013	0,293	0,000	0,011	0,010	FALSE
-0,065	0,295	-0,001	0,007	0,058	FALSE
-0,025	0,303	0,000	0,012	0,007	FALSE
-0,020	0,304	-0,001	0,011	0,048	FALSE
-0,116	0,303	-0,003	0,007	0,170	FALSE
0,045	0,317	0,002	0,009	0,071	FALSE
0,101	0,301	0,003	0,009	0,144	FALSE
0,023	0,313	0,000	0,011	0,007	FALSE
-0,149	0,291	-0,004	0,007	0,230	FALSE
-0,029	0,299	-0,002	0,011	0,077	FALSE
-0,027	0,317	-0,002	0,012	0,069	FALSE
-0,102	0,310	-0,005	0,013	0,165	FALSE
-0,001	0,314	-0,001	0,013	0,020	FALSE
-0,038	0,300	-0,001	0,007	0,044	FALSE
0,028	0,318	0,001	0,010	0,043	FALSE
0,059	0,307	0,001	0,008	0,065	FALSE
-0,005	0,298	-0,001	0,012	0,022	FALSE
0,082	0,301	0,004	0,011	0,129	FALSE
-0,061	0,294	-0,001	0,007	0,060	FALSE
0,047	0,312	0,001	0,010	0,042	FALSE
0,046	0,312	0,001	0,010	0,036	FALSE
0,050	0,312	0,003	0,013	0,085	FALSE
0,044	0,312	0,003	0,013	0,073	FALSE
0,072	0,312	0,002	0,011	0,078	FALSE
0,024	0,311	0,000	0,008	0,013	FALSE
-0,061	0,312	-0,001	0,007	0,066	FALSE
0,063	0,310	0,003	0,013	0,092	FALSE
0,037	0,300	0,001	0,012	0,046	FALSE
0,051	0,312	0,002	0,012	0,055	FALSE
0,101	0,306	0,003	0,011	0,116	FALSE
0,039	0,302	0,002	0,012	0,056	FALSE
0,025	0,303	0,001	0,012	0,028	FALSE
-0,033	0,301	-0,001	0,007	0,037	FALSE
0,100	0,315	0,002	0,007	0,119	FALSE
0,198	0,306	0,004	0,006	0,288	FALSE
0,069	0,305	0,002	0,010	0,084	FALSE
-0,040	0,306	-0,002	0,008	0,070	FALSE
-0,030	0,299	-0,001	0,008	0,056	FALSE
-0,014	0,300	-0,001	0,008	0,035	FALSE
-0,088	0,316	-0,002	0,007	0,117	FALSE
-0,008	0,293	0,000	0,007	0,017	FALSE
0,001	0,308	0,000	0,008	0,016	FALSE

0,037	0,313	0,001	0,009	0,022	FALSE
0,056	0,311	0,001	0,006	0,059	FALSE
0,010	0,311	0,000	0,007	0,015	FALSE
0,078	0,300	0,001	0,007	0,077	FALSE
0,088	0,302	0,001	0,006	0,095	FALSE
-0,025	0,318	-0,001	0,008	0,026	FALSE
-0,085	0,297	-0,004	0,012	0,132	FALSE
0,115	0,284	0,003	0,007	0,211	FALSE
0,061	0,305	0,003	0,010	0,109	FALSE
0,060	0,309	0,002	0,011	0,073	FALSE
-0,034	0,304	-0,002	0,013	0,043	FALSE
0,077	0,302	0,002	0,007	0,096	FALSE
0,053	0,314	0,002	0,007	0,088	FALSE
0,092	0,304	0,003	0,009	0,130	FALSE
-0,017	0,306	0,000	0,012	0,004	FALSE
0,015	0,310	0,000	0,011	0,006	FALSE
-0,023	0,301	-0,001	0,012	0,040	FALSE
0,009	0,300	0,000	0,009	0,012	FALSE
-0,030	0,310	-0,001	0,007	0,034	FALSE
-0,094	0,308	-0,002	0,006	0,160	FALSE
0,091	0,296	0,004	0,009	0,168	FALSE
0,040	0,298	0,001	0,008	0,056	FALSE
-0,210	0,287	-0,004	0,006	0,311	FALSE
0,058	0,325	0,002	0,013	0,050	FALSE
0,039	0,313	0,001	0,006	0,047	FALSE
0,065	0,313	0,002	0,010	0,094	FALSE
-0,009	0,313	-0,001	0,011	0,018	FALSE
-0,009	0,306	0,000	0,007	0,002	FALSE
0,060	0,306	0,002	0,007	0,094	FALSE
0,055	0,302	0,002	0,013	0,050	FALSE
0,081	0,299	0,002	0,007	0,096	FALSE
-0,088	0,324	-0,003	0,009	0,128	FALSE
0,061	0,328	0,001	0,007	0,062	FALSE
-0,075	0,308	-0,003	0,010	0,096	FALSE
-0,064	0,301	-0,002	0,010	0,062	FALSE
-0,046	0,321	-0,001	0,010	0,056	FALSE
-0,044	0,313	-0,001	0,009	0,051	FALSE
0,127	0,294	0,004	0,008	0,200	FALSE
0,124	0,306	0,003	0,007	0,178	FALSE
-0,030	0,304	-0,001	0,010	0,024	FALSE
-0,026	0,301	0,000	0,008	0,020	FALSE
-0,048	0,303	-0,002	0,007	0,078	FALSE
-0,093	0,288	-0,003	0,009	0,114	FALSE
-0,022	0,303	-0,001	0,010	0,043	FALSE
-0,029	0,292	-0,002	0,008	0,086	FALSE
0,159	0,311	0,007	0,012	0,244	FALSE
-0,029	0,295	-0,002	0,010	0,066	FALSE
0,196	0,297	0,005	0,008	0,278	FALSE
0,030	0,303	0,001	0,012	0,015	FALSE
0,044	0,303	0,001	0,012	0,038	FALSE
-0,117	0,323	-0,003	0,009	0,131	FALSE
-0,092	0,310	-0,004	0,013	0,127	FALSE
-0,032	0,311	-0,002	0,011	0,062	FALSE

-0,037	0,300	-0,001	0,011	0,030	FALSE
-0,044	0,305	-0,002	0,011	0,059	FALSE
-0,074	0,312	-0,002	0,010	0,087	FALSE
-0,060	0,310	-0,002	0,011	0,056	FALSE
0,072	0,317	0,002	0,010	0,097	FALSE
-0,065	0,304	-0,002	0,009	0,080	FALSE
-0,101	0,301	-0,003	0,009	0,156	FALSE
-0,070	0,324	-0,002	0,011	0,068	FALSE
-0,051	0,301	-0,001	0,008	0,043	FALSE
-0,070	0,303	-0,002	0,009	0,067	FALSE
-0,055	0,294	-0,001	0,008	0,059	FALSE
-0,209	0,287	-0,009	0,012	0,349	FALSE
-0,062	0,300	-0,001	0,008	0,072	FALSE
-0,070	0,296	-0,003	0,009	0,126	FALSE
-0,072	0,305	-0,003	0,009	0,113	FALSE
-0,108	0,305	-0,002	0,007	0,145	FALSE
-0,072	0,299	-0,002	0,008	0,105	FALSE
0,058	0,318	0,001	0,010	0,047	FALSE
-0,112	0,306	-0,003	0,007	0,157	FALSE
-0,092	0,318	-0,003	0,011	0,126	FALSE
-0,029	0,303	-0,001	0,007	0,036	FALSE
-0,008	0,308	0,000	0,008	0,011	FALSE
-0,001	0,306	-0,001	0,011	0,016	FALSE
-0,109	0,310	-0,005	0,012	0,172	FALSE
-0,080	0,289	-0,004	0,011	0,123	FALSE
0,023	0,304	0,000	0,011	0,005	FALSE
-0,041	0,310	-0,001	0,009	0,052	FALSE
-0,128	0,324	-0,003	0,006	0,158	FALSE
0,175	0,300	0,005	0,008	0,251	FALSE
-0,118	0,287	-0,005	0,011	0,191	FALSE
-0,075	0,308	-0,003	0,009	0,113	FALSE
0,026	0,297	0,001	0,010	0,024	FALSE
0,019	0,301	0,000	0,007	0,014	FALSE
-0,077	0,322	-0,002	0,008	0,081	FALSE
-0,064	0,311	-0,002	0,008	0,086	FALSE
-0,014	0,324	-0,001	0,009	0,026	FALSE
0,046	0,319	0,002	0,010	0,062	FALSE
0,001	0,314	0,000	0,007	0,017	FALSE
0,103	0,312	0,003	0,007	0,160	FALSE
-0,077	0,294	-0,003	0,011	0,124	FALSE
-0,020	0,313	0,000	0,007	0,019	FALSE
0,058	0,307	0,001	0,009	0,059	FALSE
-0,064	0,300	-0,002	0,008	0,085	FALSE
-0,041	0,309	-0,002	0,012	0,046	FALSE
-0,041	0,305	-0,002	0,012	0,054	FALSE
0,160	0,325	0,006	0,012	0,216	FALSE
0,004	0,320	0,000	0,009	0,004	FALSE
-0,090	0,317	-0,002	0,007	0,103	FALSE
-0,075	0,309	-0,001	0,007	0,070	FALSE
0,111	0,305	0,004	0,011	0,161	FALSE
0,094	0,300	0,004	0,012	0,135	FALSE
0,139	0,312	0,006	0,011	0,214	FALSE
0,067	0,287	0,002	0,011	0,056	FALSE

-0,079	0,310	-0,002	0,011	0,088	FALSE
-0,047	0,299	-0,002	0,010	0,084	FALSE
-0,022	0,326	-0,002	0,010	0,059	FALSE
-0,005	0,309	-0,001	0,013	0,031	FALSE
0,020	0,317	0,001	0,012	0,035	FALSE
0,032	0,313	0,000	0,007	0,013	FALSE
0,013	0,312	0,000	0,012	0,008	FALSE
0,044	0,293	0,001	0,011	0,028	FALSE
-0,092	0,307	-0,004	0,012	0,144	FALSE
-0,134	0,301	-0,004	0,010	0,145	FALSE
0,023	0,298	0,000	0,008	0,019	FALSE
-0,123	0,310	-0,003	0,009	0,156	FALSE
-0,038	0,303	0,000	0,006	0,026	FALSE
-0,036	0,310	0,000	0,007	0,007	FALSE
-0,054	0,294	-0,002	0,011	0,062	FALSE
-0,031	0,311	-0,001	0,009	0,026	FALSE
0,074	0,309	0,001	0,009	0,060	FALSE
0,075	0,321	0,003	0,009	0,116	FALSE
0,054	0,311	0,002	0,009	0,083	FALSE
0,082	0,310	0,004	0,012	0,118	FALSE
-0,004	0,323	0,000	0,007	0,006	FALSE
-0,004	0,306	0,000	0,006	0,013	FALSE
-0,115	0,302	-0,003	0,007	0,147	FALSE
-0,095	0,304	-0,003	0,009	0,133	FALSE
0,002	0,306	0,000	0,009	0,003	FALSE
-0,101	0,305	-0,003	0,009	0,125	FALSE
-0,113	0,305	-0,003	0,010	0,114	FALSE
-0,003	0,298	-0,001	0,011	0,016	FALSE
0,045	0,306	0,001	0,007	0,076	FALSE
0,017	0,317	0,000	0,011	0,015	FALSE
-0,026	0,305	-0,001	0,009	0,030	FALSE
0,007	0,295	0,000	0,012	0,014	FALSE
-0,008	0,309	0,000	0,007	0,014	FALSE
-0,089	0,306	-0,005	0,013	0,146	FALSE
-0,117	0,304	-0,005	0,013	0,176	FALSE
-0,008	0,306	0,000	0,011	0,010	FALSE
0,075	0,316	0,003	0,010	0,105	FALSE
0,022	0,314	0,001	0,011	0,033	FALSE
0,001	0,303	0,000	0,010	0,007	FALSE
-0,019	0,309	0,000	0,008	0,007	FALSE
-0,015	0,300	-0,001	0,012	0,022	FALSE
-0,043	0,323	-0,001	0,008	0,053	FALSE
0,074	0,300	0,002	0,007	0,102	FALSE
-0,091	0,321	-0,004	0,013	0,133	FALSE
-0,022	0,305	0,000	0,007	0,012	FALSE
0,038	0,299	0,000	0,007	0,015	FALSE
0,025	0,319	0,000	0,009	0,006	FALSE
-0,102	0,301	-0,004	0,012	0,119	FALSE
-0,042	0,302	-0,001	0,007	0,052	FALSE
-0,022	0,305	-0,001	0,013	0,030	FALSE
-0,157	0,308	-0,006	0,011	0,252	FALSE
-0,071	0,301	-0,003	0,012	0,093	FALSE
0,010	0,305	0,001	0,012	0,025	FALSE

-0,010	0,305	-0,001	0,010	0,034	FALSE
-0,054	0,321	-0,001	0,007	0,060	FALSE
-0,063	0,307	-0,002	0,013	0,072	FALSE
-0,090	0,316	-0,004	0,011	0,144	FALSE
-0,010	0,315	0,000	0,011	0,008	FALSE
-0,112	0,288	-0,003	0,010	0,120	FALSE
0,119	0,300	0,005	0,012	0,157	FALSE
-0,136	0,300	-0,003	0,007	0,170	FALSE
-0,016	0,308	0,000	0,007	0,022	FALSE
0,025	0,306	0,001	0,011	0,018	FALSE
-0,005	0,314	0,000	0,007	0,015	FALSE
0,005	0,310	0,000	0,009	0,015	FALSE
-0,016	0,310	0,000	0,012	0,010	FALSE
0,044	0,295	0,001	0,011	0,044	FALSE
0,015	0,310	0,000	0,008	0,017	FALSE
0,016	0,319	0,001	0,008	0,026	FALSE
0,217	0,295	0,007	0,011	0,319	FALSE
0,193	0,291	0,006	0,010	0,272	FALSE
-0,091	0,318	-0,004	0,013	0,107	FALSE
0,220	0,296	0,007	0,010	0,327	FALSE
-0,110	0,311	-0,003	0,008	0,150	FALSE
0,204	0,277	0,007	0,010	0,348	FALSE
-0,011	0,312	0,000	0,013	0,007	FALSE
-0,047	0,304	-0,001	0,008	0,045	FALSE
0,186	0,287	0,005	0,007	0,294	FALSE
-0,031	0,310	-0,001	0,010	0,034	FALSE
0,034	0,311	0,001	0,011	0,039	FALSE
0,004	0,309	0,000	0,011	0,011	FALSE
-0,012	0,322	0,000	0,012	0,010	FALSE
0,099	0,318	0,003	0,009	0,142	FALSE
0,164	0,298	0,004	0,007	0,226	FALSE
-0,035	0,298	0,000	0,009	0,018	FALSE
0,057	0,302	0,002	0,007	0,088	FALSE
-0,031	0,299	0,000	0,008	0,008	FALSE
0,204	0,320	0,006	0,010	0,282	FALSE
0,230	0,284	0,008	0,011	0,364	FALSE
0,099	0,313	0,002	0,008	0,117	FALSE
0,032	0,308	0,001	0,009	0,056	FALSE
-0,106	0,298	-0,004	0,011	0,155	FALSE
0,027	0,299	0,001	0,011	0,022	FALSE
0,046	0,305	0,002	0,013	0,048	FALSE
0,103	0,297	0,003	0,007	0,144	FALSE
-0,029	0,307	0,000	0,007	0,018	FALSE
-0,112	0,305	-0,003	0,010	0,134	FALSE
-0,139	0,300	-0,005	0,010	0,208	FALSE
-0,031	0,289	0,000	0,006	0,008	FALSE
0,000	0,316	0,000	0,013	0,006	FALSE
0,000	0,314	0,000	0,012	0,003	FALSE
0,010	0,304	0,000	0,012	0,013	FALSE
0,007	0,304	0,001	0,007	0,033	FALSE
-0,030	0,313	-0,001	0,012	0,039	FALSE
-0,011	0,313	-0,001	0,013	0,018	FALSE
-0,005	0,304	0,000	0,013	0,008	FALSE

-0,001	0,308	0,000	0,012	0,002	FALSE
0,008	0,317	0,000	0,013	0,002	FALSE
0,012	0,319	0,000	0,013	0,006	FALSE
-0,013	0,312	0,000	0,012	0,012	FALSE
0,007	0,319	0,000	0,013	0,006	FALSE
-0,010	0,329	-0,001	0,013	0,020	FALSE
-0,004	0,309	0,000	0,013	0,000	FALSE
0,007	0,312	0,000	0,013	0,000	FALSE
-0,007	0,306	0,000	0,012	0,012	FALSE
0,002	0,316	0,000	0,013	0,003	FALSE
-0,022	0,316	-0,001	0,013	0,025	FALSE
-0,011	0,330	-0,001	0,013	0,016	FALSE
-0,011	0,314	0,000	0,012	0,012	FALSE
-0,024	0,316	-0,001	0,013	0,020	FALSE
-0,001	0,326	0,000	0,013	0,009	FALSE
-0,002	0,315	0,000	0,013	0,002	FALSE
-0,002	0,316	0,000	0,013	0,000	FALSE
0,193	0,301	0,004	0,006	0,254	FALSE
-0,075	0,308	-0,002	0,009	0,093	FALSE
0,031	0,308	0,001	0,007	0,048	FALSE
-0,045	0,316	-0,002	0,013	0,066	FALSE
0,071	0,304	0,003	0,010	0,111	FALSE
-0,115	0,300	-0,004	0,011	0,166	FALSE
0,045	0,305	0,001	0,006	0,056	FALSE
0,047	0,328	0,001	0,008	0,065	FALSE
-0,077	0,313	-0,002	0,009	0,082	FALSE
-0,187	0,303	-0,008	0,012	0,306	FALSE
-0,070	0,297	-0,001	0,010	0,051	FALSE
0,104	0,303	0,003	0,008	0,130	FALSE
0,001	0,307	0,000	0,007	0,015	FALSE
-0,158	0,302	-0,005	0,011	0,194	FALSE
0,002	0,313	0,000	0,009	0,006	FALSE
0,011	0,306	0,001	0,006	0,029	FALSE
-0,083	0,320	-0,003	0,011	0,101	FALSE
0,032	0,309	0,001	0,012	0,025	FALSE
0,012	0,299	0,000	0,012	0,013	FALSE
0,002	0,308	0,000	0,012	0,002	FALSE
0,020	0,321	0,001	0,013	0,022	FALSE
0,036	0,309	0,001	0,012	0,034	FALSE
0,165	0,304	0,004	0,008	0,226	FALSE
0,017	0,311	0,001	0,009	0,021	FALSE
0,037	0,307	0,001	0,013	0,039	FALSE
-0,010	0,295	0,000	0,009	0,016	FALSE
0,146	0,314	0,004	0,008	0,200	FALSE
0,020	0,317	0,001	0,013	0,022	FALSE
-0,003	0,316	0,000	0,013	0,007	FALSE
-0,012	0,324	-0,001	0,013	0,020	FALSE
-0,027	0,318	-0,001	0,013	0,022	FALSE
-0,004	0,324	0,000	0,013	0,001	FALSE
-0,030	0,321	-0,001	0,013	0,035	FALSE
-0,012	0,319	0,000	0,013	0,013	FALSE
-0,009	0,310	-0,001	0,013	0,020	FALSE
0,031	0,317	0,001	0,013	0,035	FALSE

-0,011	0,324	0,000	0,013	0,008	FALSE
0,002	0,317	0,000	0,013	0,001	FALSE
0,000	0,323	0,000	0,013	0,003	FALSE
-0,007	0,322	0,000	0,013	0,011	FALSE
-0,041	0,310	-0,001	0,007	0,043	FALSE
-0,057	0,311	-0,001	0,007	0,081	FALSE
-0,057	0,302	-0,001	0,008	0,042	FALSE
-0,066	0,312	-0,002	0,010	0,075	FALSE
-0,038	0,300	-0,001	0,012	0,032	FALSE
0,102	0,310	0,003	0,010	0,131	FALSE
0,008	0,323	0,000	0,011	0,003	FALSE
-0,068	0,315	-0,002	0,008	0,090	FALSE
0,091	0,297	0,002	0,008	0,109	FALSE
-0,040	0,302	-0,001	0,012	0,042	FALSE
0,077	0,313	0,002	0,009	0,087	FALSE
0,080	0,311	0,005	0,013	0,156	FALSE
0,136	0,309	0,004	0,008	0,188	FALSE
0,022	0,319	0,001	0,009	0,033	FALSE
-0,064	0,299	-0,001	0,008	0,057	FALSE
0,129	0,306	0,005	0,012	0,153	FALSE
0,001	0,316	-0,001	0,008	0,029	FALSE
-0,046	0,306	-0,002	0,008	0,095	FALSE
-0,053	0,315	-0,001	0,007	0,059	FALSE
-0,039	0,301	-0,001	0,007	0,039	FALSE
0,204	0,302	0,007	0,011	0,252	FALSE
0,244	0,292	0,010	0,012	0,365	FALSE
0,031	0,301	0,001	0,007	0,056	FALSE
-0,153	0,320	-0,007	0,013	0,234	FALSE
0,068	0,300	0,002	0,010	0,066	FALSE
-0,103	0,315	-0,002	0,007	0,132	FALSE
-0,060	0,303	-0,001	0,008	0,044	FALSE
-0,057	0,299	-0,002	0,009	0,069	FALSE
-0,120	0,311	-0,004	0,009	0,188	FALSE
-0,067	0,296	-0,004	0,013	0,112	FALSE
-0,012	0,306	0,000	0,011	0,005	FALSE
0,060	0,303	0,000	0,006	0,020	FALSE
0,036	0,314	0,001	0,009	0,038	FALSE
-0,005	0,307	-0,001	0,012	0,031	FALSE
-0,042	0,321	-0,001	0,008	0,046	FALSE
0,149	0,306	0,006	0,012	0,199	FALSE
0,067	0,309	0,003	0,010	0,098	FALSE
-0,068	0,314	-0,003	0,011	0,089	FALSE
0,026	0,308	0,000	0,013	0,003	FALSE
-0,014	0,310	-0,001	0,012	0,035	FALSE
-0,055	0,321	-0,003	0,013	0,077	FALSE
0,125	0,291	0,003	0,006	0,201	FALSE
0,045	0,301	0,002	0,009	0,104	FALSE
0,009	0,320	0,001	0,013	0,028	FALSE
0,027	0,315	0,000	0,011	0,013	FALSE
0,084	0,302	0,004	0,012	0,112	FALSE
0,035	0,311	0,001	0,010	0,030	FALSE
-0,098	0,307	-0,004	0,010	0,139	FALSE
-0,083	0,317	-0,004	0,013	0,117	FALSE

-0,066	0,328	-0,002	0,009	0,074	FALSE
0,029	0,306	0,001	0,007	0,027	FALSE
0,031	0,315	0,001	0,008	0,030	FALSE
0,008	0,304	0,000	0,008	0,008	FALSE
-0,011	0,310	-0,001	0,008	0,030	FALSE
-0,047	0,304	-0,002	0,012	0,075	FALSE
0,084	0,299	0,003	0,010	0,130	FALSE
0,007	0,309	0,001	0,013	0,017	FALSE
0,062	0,320	0,003	0,011	0,090	FALSE
0,065	0,303	0,003	0,010	0,111	FALSE
-0,092	0,316	-0,004	0,010	0,151	FALSE
0,048	0,319	0,002	0,011	0,071	FALSE
0,065	0,313	0,003	0,010	0,099	FALSE
0,095	0,312	0,004	0,011	0,136	FALSE
-0,032	0,313	-0,001	0,013	0,033	FALSE
0,059	0,315	0,001	0,006	0,078	FALSE
0,061	0,310	0,002	0,011	0,086	FALSE
0,052	0,312	0,002	0,011	0,081	FALSE
0,062	0,290	0,003	0,010	0,100	FALSE
0,074	0,306	0,003	0,010	0,106	FALSE
0,154	0,296	0,006	0,012	0,222	FALSE
0,102	0,310	0,004	0,012	0,142	FALSE
-0,083	0,299	-0,003	0,011	0,102	FALSE
-0,060	0,309	-0,001	0,008	0,065	FALSE
-0,084	0,304	-0,002	0,007	0,107	FALSE
-0,029	0,315	-0,001	0,013	0,034	FALSE
-0,013	0,308	0,000	0,008	0,016	FALSE
-0,045	0,317	-0,001	0,008	0,051	FALSE
0,016	0,311	0,000	0,007	0,025	FALSE
-0,055	0,298	-0,003	0,012	0,096	FALSE
0,004	0,294	-0,001	0,009	0,028	FALSE
0,043	0,301	0,003	0,012	0,091	FALSE
-0,085	0,312	-0,002	0,007	0,104	FALSE
0,041	0,312	0,001	0,009	0,052	FALSE
0,063	0,294	0,003	0,012	0,081	FALSE
-0,034	0,303	-0,001	0,009	0,047	FALSE
0,058	0,302	0,002	0,009	0,089	FALSE
-0,043	0,316	-0,001	0,011	0,039	FALSE
-0,032	0,302	-0,001	0,011	0,029	FALSE
-0,066	0,306	-0,002	0,011	0,071	FALSE
-0,045	0,318	-0,001	0,008	0,073	FALSE
-0,027	0,303	-0,002	0,012	0,050	FALSE
-0,031	0,308	0,000	0,006	0,018	FALSE
-0,097	0,319	-0,002	0,007	0,111	FALSE
-0,016	0,312	0,000	0,012	0,011	FALSE
0,079	0,315	0,001	0,007	0,077	FALSE
-0,039	0,298	-0,001	0,007	0,051	FALSE
0,056	0,308	0,001	0,012	0,045	FALSE
0,007	0,300	0,000	0,010	0,016	FALSE
-0,131	0,299	-0,003	0,009	0,149	FALSE
-0,019	0,301	-0,001	0,008	0,041	FALSE
-0,075	0,305	-0,002	0,008	0,104	FALSE
-0,069	0,298	-0,001	0,010	0,051	FALSE

-0,004	0,302	-0,001	0,010	0,038	FALSE
0,095	0,300	0,002	0,007	0,086	FALSE
0,041	0,303	0,002	0,009	0,095	FALSE
-0,087	0,312	-0,002	0,007	0,109	FALSE
0,031	0,297	0,001	0,012	0,023	FALSE
-0,019	0,304	-0,001	0,011	0,028	FALSE
-0,014	0,307	0,000	0,009	0,014	FALSE
0,080	0,308	0,003	0,010	0,097	FALSE
-0,111	0,297	-0,005	0,010	0,186	FALSE
-0,087	0,316	-0,003	0,011	0,121	FALSE
0,070	0,311	0,002	0,008	0,077	FALSE
-0,039	0,319	-0,002	0,010	0,072	FALSE
-0,004	0,294	-0,001	0,009	0,026	FALSE
0,166	0,285	0,006	0,009	0,279	FALSE
0,065	0,295	0,002	0,006	0,100	FALSE
0,060	0,307	0,002	0,011	0,079	FALSE
0,048	0,314	0,002	0,010	0,067	FALSE
0,055	0,315	0,002	0,009	0,078	FALSE
0,077	0,305	0,004	0,013	0,111	FALSE
0,045	0,326	0,001	0,009	0,058	FALSE
0,108	0,304	0,004	0,008	0,168	FALSE
0,075	0,301	0,003	0,013	0,085	FALSE
0,061	0,301	0,002	0,007	0,085	FALSE
0,060	0,311	0,002	0,009	0,092	FALSE
-0,178	0,311	-0,007	0,011	0,258	FALSE
-0,124	0,308	-0,004	0,009	0,190	FALSE
-0,081	0,324	-0,002	0,009	0,098	FALSE
-0,011	0,306	0,000	0,012	0,005	FALSE
0,096	0,305	0,004	0,009	0,152	FALSE
0,033	0,306	0,002	0,010	0,058	FALSE
-0,037	0,301	-0,001	0,012	0,028	FALSE
-0,025	0,328	-0,002	0,013	0,051	FALSE
0,010	0,325	0,000	0,013	0,010	FALSE
0,102	0,301	0,002	0,007	0,131	FALSE
0,102	0,308	0,003	0,008	0,131	FALSE
-0,008	0,313	0,000	0,008	0,013	FALSE
-0,051	0,315	-0,003	0,012	0,094	FALSE
-0,086	0,300	-0,003	0,011	0,123	FALSE
0,048	0,303	0,001	0,007	0,040	FALSE
-0,105	0,300	-0,004	0,011	0,148	FALSE
0,057	0,297	0,002	0,008	0,116	FALSE
0,043	0,287	0,001	0,012	0,038	FALSE
0,003	0,300	-0,001	0,008	0,030	FALSE
0,044	0,315	0,002	0,009	0,088	FALSE
0,049	0,308	0,002	0,009	0,066	FALSE
-0,129	0,304	-0,004	0,007	0,203	FALSE
0,038	0,305	0,001	0,008	0,038	FALSE
0,004	0,311	0,001	0,011	0,017	FALSE
0,053	0,312	0,001	0,007	0,076	FALSE
0,050	0,318	0,002	0,012	0,065	FALSE
-0,001	0,316	-0,001	0,012	0,027	FALSE
0,025	0,309	0,000	0,011	0,013	FALSE
0,055	0,306	0,002	0,011	0,086	FALSE

0,060	0,315	0,002	0,011	0,075	FALSE
0,041	0,307	0,001	0,010	0,044	FALSE
0,027	0,309	0,000	0,012	0,008	FALSE
0,076	0,310	0,003	0,011	0,093	FALSE
0,063	0,302	0,002	0,011	0,076	FALSE
0,088	0,321	0,003	0,012	0,099	FALSE
-0,083	0,297	-0,002	0,006	0,109	FALSE
-0,007	0,301	0,000	0,010	0,012	FALSE
0,022	0,312	0,001	0,011	0,028	FALSE
0,068	0,324	0,003	0,012	0,080	FALSE
0,090	0,315	0,003	0,011	0,110	FALSE
-0,031	0,316	-0,001	0,007	0,067	FALSE
0,067	0,305	0,002	0,008	0,069	FALSE
-0,078	0,294	-0,003	0,009	0,115	FALSE
-0,136	0,322	-0,003	0,008	0,163	FALSE
-0,038	0,313	-0,001	0,006	0,055	FALSE
0,046	0,318	0,001	0,007	0,038	FALSE
0,024	0,309	0,001	0,012	0,031	FALSE
0,020	0,329	0,001	0,013	0,019	FALSE
0,026	0,320	0,001	0,013	0,030	FALSE
0,016	0,321	0,001	0,013	0,016	FALSE
0,029	0,317	0,001	0,013	0,032	FALSE
0,000	0,319	0,000	0,013	0,006	FALSE
-0,007	0,310	-0,001	0,013	0,022	FALSE
-0,005	0,307	-0,001	0,007	0,041	FALSE
-0,118	0,305	-0,004	0,011	0,155	FALSE
-0,024	0,320	-0,001	0,009	0,029	FALSE
0,004	0,307	0,000	0,011	0,007	FALSE
-0,031	0,303	-0,001	0,011	0,033	FALSE
0,002	0,315	0,000	0,012	0,005	FALSE
0,046	0,320	0,003	0,013	0,073	FALSE
-0,009	0,303	0,000	0,011	0,007	FALSE
0,098	0,308	0,004	0,012	0,139	FALSE
0,038	0,317	0,001	0,007	0,065	FALSE
-0,032	0,321	-0,002	0,010	0,058	FALSE
0,109	0,298	0,003	0,008	0,165	FALSE
0,188	0,314	0,007	0,012	0,278	FALSE
0,032	0,311	0,001	0,010	0,049	FALSE
0,057	0,308	0,002	0,009	0,077	FALSE
-0,098	0,304	-0,005	0,013	0,142	TRUE
-0,097	0,309	-0,005	0,013	0,147	FALSE
-0,094	0,302	-0,005	0,012	0,150	FALSE
0,130	0,320	0,003	0,008	0,130	FALSE
-0,086	0,301	-0,004	0,012	0,130	FALSE
-0,076	0,299	-0,004	0,012	0,119	FALSE
0,142	0,309	0,004	0,008	0,190	FALSE
-0,085	0,297	-0,004	0,012	0,134	FALSE
0,054	0,305	0,001	0,006	0,081	FALSE
-0,069	0,313	-0,002	0,007	0,079	FALSE
0,046	0,313	0,001	0,008	0,035	FALSE
-0,077	0,302	-0,003	0,011	0,108	FALSE
-0,006	0,315	0,000	0,013	0,007	FALSE
-0,074	0,314	-0,002	0,009	0,100	FALSE

0,048	0,296	0,001	0,006	0,063	FALSE
0,003	0,311	0,000	0,013	0,000	FALSE
0,099	0,304	0,003	0,009	0,153	FALSE
-0,062	0,302	-0,002	0,013	0,067	FALSE
-0,009	0,311	0,000	0,013	0,002	FALSE
0,125	0,308	0,003	0,007	0,150	FALSE
-0,015	0,305	-0,001	0,011	0,023	FALSE
-0,006	0,302	0,000	0,013	0,013	FALSE
0,039	0,311	0,002	0,013	0,061	FALSE
-0,099	0,312	-0,003	0,009	0,154	FALSE
0,048	0,310	0,001	0,010	0,043	FALSE
0,188	0,296	0,007	0,010	0,309	FALSE
-0,089	0,310	-0,004	0,013	0,137	FALSE
-0,080	0,303	-0,003	0,011	0,104	FALSE
-0,102	0,296	-0,005	0,011	0,166	FALSE
-0,133	0,301	-0,005	0,012	0,176	FALSE
-0,072	0,303	-0,003	0,012	0,094	FALSE
-0,085	0,309	-0,004	0,012	0,117	FALSE
-0,079	0,299	-0,003	0,012	0,110	FALSE
-0,012	0,317	0,000	0,008	0,011	FALSE
0,056	0,315	0,001	0,009	0,059	FALSE
0,098	0,303	0,003	0,010	0,116	FALSE
-0,058	0,305	-0,003	0,012	0,080	FALSE
0,053	0,309	0,003	0,011	0,088	FALSE
0,044	0,307	0,002	0,013	0,060	FALSE
-0,039	0,307	-0,001	0,012	0,040	FALSE
0,020	0,317	0,001	0,008	0,031	FALSE
-0,117	0,313	-0,003	0,008	0,157	FALSE
0,031	0,313	0,001	0,008	0,037	FALSE
-0,005	0,315	0,000	0,010	0,008	FALSE
0,004	0,305	0,001	0,008	0,029	FALSE
0,094	0,315	0,003	0,008	0,130	FALSE
-0,019	0,307	-0,001	0,009	0,033	FALSE
-0,082	0,295	-0,002	0,007	0,083	FALSE
-0,089	0,283	-0,002	0,007	0,103	FALSE
-0,129	0,294	-0,003	0,008	0,171	FALSE
-0,104	0,306	-0,002	0,008	0,115	FALSE
-0,218	0,295	-0,005	0,007	0,312	FALSE
0,112	0,314	0,004	0,010	0,164	FALSE
0,018	0,298	0,000	0,009	0,003	FALSE
0,004	0,293	0,000	0,009	0,008	FALSE
-0,078	0,302	-0,002	0,010	0,055	FALSE
0,020	0,288	0,000	0,009	0,007	FALSE
0,051	0,317	0,002	0,013	0,056	FALSE
0,001	0,302	0,000	0,010	0,015	FALSE
-0,066	0,311	-0,002	0,006	0,092	FALSE
-0,086	0,289	-0,004	0,010	0,149	FALSE
0,064	0,324	0,001	0,008	0,065	FALSE
0,111	0,319	0,004	0,012	0,135	FALSE
0,046	0,315	0,002	0,013	0,073	FALSE
0,007	0,311	0,001	0,010	0,017	FALSE
-0,051	0,316	-0,002	0,012	0,066	FALSE
0,114	0,297	0,003	0,009	0,147	FALSE

-0,043	0,319	-0,001	0,010	0,037	FALSE
0,084	0,298	0,004	0,013	0,109	FALSE
0,069	0,321	0,003	0,013	0,095	FALSE
-0,051	0,302	-0,001	0,010	0,037	FALSE
-0,053	0,303	-0,001	0,011	0,032	FALSE
-0,055	0,307	-0,001	0,011	0,042	FALSE
0,029	0,302	0,000	0,007	0,019	FALSE
-0,096	0,326	-0,002	0,008	0,113	FALSE
-0,032	0,300	0,000	0,007	0,022	FALSE
0,082	0,306	0,003	0,009	0,116	FALSE
0,040	0,300	0,001	0,010	0,054	FALSE
0,010	0,316	0,000	0,011	0,015	FALSE
0,032	0,305	0,000	0,012	0,009	FALSE
-0,059	0,299	-0,002	0,008	0,075	FALSE
0,023	0,305	0,002	0,008	0,068	FALSE
0,210	0,304	0,009	0,012	0,345	FALSE
-0,052	0,310	-0,001	0,007	0,074	FALSE
-0,011	0,314	-0,001	0,011	0,021	FALSE
-0,023	0,314	-0,001	0,011	0,039	FALSE
0,200	0,295	0,009	0,011	0,366	FALSE
-0,041	0,302	-0,001	0,008	0,036	FALSE
-0,008	0,308	-0,001	0,012	0,046	FALSE
-0,002	0,305	0,000	0,007	0,021	FALSE
0,066	0,308	0,002	0,012	0,069	FALSE
0,078	0,307	0,002	0,008	0,122	FALSE
0,003	0,320	0,000	0,007	0,017	FALSE
0,050	0,302	0,002	0,008	0,079	FALSE
-0,005	0,311	0,000	0,008	0,001	FALSE
-0,105	0,307	-0,004	0,012	0,134	FALSE
-0,005	0,316	0,000	0,008	0,015	FALSE
-0,047	0,328	-0,001	0,011	0,045	FALSE
0,072	0,305	0,002	0,013	0,069	FALSE
-0,073	0,295	-0,002	0,012	0,066	FALSE
0,003	0,302	0,000	0,008	0,017	FALSE
0,031	0,300	0,000	0,012	0,011	FALSE
-0,016	0,309	0,000	0,011	0,011	FALSE
-0,026	0,305	-0,001	0,011	0,020	FALSE
0,002	0,309	0,000	0,007	0,003	FALSE
-0,065	0,301	-0,002	0,009	0,087	FALSE
-0,113	0,304	-0,002	0,007	0,149	FALSE
0,060	0,310	0,003	0,010	0,109	FALSE
0,113	0,300	0,004	0,012	0,131	FALSE
0,056	0,297	0,002	0,008	0,088	FALSE
0,092	0,310	0,002	0,007	0,128	FALSE
0,018	0,312	0,000	0,007	0,015	FALSE
0,126	0,308	0,004	0,010	0,165	FALSE
-0,064	0,306	-0,002	0,007	0,101	FALSE
0,035	0,310	0,001	0,006	0,060	FALSE
0,010	0,307	0,001	0,006	0,042	FALSE
0,042	0,297	0,000	0,006	0,023	FALSE
0,010	0,302	0,000	0,009	0,005	FALSE
0,077	0,302	0,002	0,010	0,094	FALSE
0,002	0,307	0,001	0,008	0,025	FALSE

0,018	0,311	0,001	0,011	0,032	FALSE
0,066	0,320	0,003	0,012	0,080	FALSE
0,007	0,313	0,001	0,012	0,034	FALSE
0,064	0,315	0,003	0,012	0,099	FALSE
0,022	0,307	0,002	0,012	0,047	FALSE
-0,009	0,302	0,000	0,007	0,015	FALSE
-0,044	0,312	-0,002	0,010	0,069	FALSE
0,078	0,309	0,002	0,009	0,103	FALSE
0,138	0,303	0,006	0,012	0,200	FALSE
-0,057	0,310	-0,001	0,007	0,048	FALSE
0,028	0,314	0,000	0,008	0,017	FALSE
-0,011	0,301	-0,001	0,008	0,040	FALSE
0,031	0,308	0,001	0,011	0,049	FALSE
0,068	0,301	0,003	0,010	0,115	FALSE
-0,114	0,318	-0,004	0,009	0,154	FALSE
0,028	0,311	0,000	0,012	0,002	FALSE
-0,003	0,312	0,001	0,008	0,024	FALSE
-0,002	0,315	0,000	0,008	0,015	FALSE
0,068	0,296	0,002	0,009	0,101	FALSE
0,062	0,309	0,002	0,009	0,082	FALSE
0,017	0,323	0,001	0,008	0,030	FALSE
0,042	0,322	0,001	0,008	0,063	FALSE
-0,044	0,306	-0,002	0,011	0,060	FALSE
-0,119	0,309	-0,005	0,012	0,155	FALSE
0,062	0,305	0,001	0,007	0,043	FALSE
-0,113	0,311	-0,003	0,007	0,156	FALSE
-0,047	0,292	-0,002	0,010	0,073	FALSE
-0,153	0,309	-0,005	0,013	0,171	FALSE
-0,034	0,302	-0,001	0,011	0,044	FALSE
-0,041	0,299	-0,002	0,011	0,057	FALSE
-0,147	0,298	-0,004	0,008	0,176	FALSE
0,043	0,321	0,001	0,008	0,061	FALSE
-0,021	0,312	-0,001	0,010	0,030	FALSE
0,024	0,307	0,001	0,007	0,035	FALSE
0,049	0,298	0,002	0,011	0,057	FALSE
-0,002	0,309	0,000	0,010	0,011	FALSE
-0,049	0,311	-0,002	0,010	0,064	FALSE
0,026	0,297	0,001	0,009	0,052	FALSE
0,182	0,304	0,008	0,013	0,276	FALSE
-0,040	0,304	-0,001	0,008	0,042	FALSE
0,023	0,298	0,001	0,009	0,031	FALSE
-0,165	0,300	-0,004	0,008	0,196	FALSE
-0,057	0,308	-0,001	0,007	0,054	FALSE
-0,153	0,321	-0,005	0,012	0,172	FALSE
-0,002	0,309	0,000	0,008	0,009	FALSE
-0,001	0,309	0,001	0,009	0,022	FALSE
0,001	0,307	0,001	0,009	0,022	FALSE
0,016	0,316	0,001	0,010	0,033	FALSE
0,006	0,296	0,000	0,013	0,010	FALSE
-0,003	0,303	0,001	0,009	0,021	FALSE
0,000	0,324	0,000	0,007	0,023	FALSE
0,073	0,314	0,003	0,013	0,092	FALSE
0,083	0,294	0,004	0,012	0,117	FALSE

0,035	0,314	0,001	0,010	0,040	FALSE
0,037	0,311	0,001	0,009	0,032	FALSE
0,047	0,309	0,001	0,012	0,041	FALSE
0,106	0,296	0,004	0,011	0,143	FALSE
-0,120	0,310	-0,005	0,012	0,177	FALSE
-0,004	0,301	-0,001	0,011	0,021	FALSE
0,051	0,310	0,001	0,008	0,062	FALSE
-0,074	0,312	-0,002	0,006	0,129	FALSE
0,118	0,303	0,005	0,012	0,176	FALSE
-0,014	0,308	0,000	0,012	0,003	FALSE
0,055	0,302	0,001	0,008	0,061	FALSE
0,038	0,313	0,002	0,012	0,052	FALSE
-0,146	0,303	-0,006	0,011	0,213	FALSE
0,076	0,299	0,004	0,013	0,120	FALSE
0,054	0,301	0,002	0,011	0,079	FALSE
0,098	0,306	0,004	0,010	0,161	FALSE
0,107	0,304	0,004	0,009	0,151	FALSE
-0,101	0,311	-0,003	0,008	0,134	FALSE
0,088	0,294	0,002	0,006	0,099	FALSE
0,003	0,312	0,000	0,007	0,004	FALSE
0,110	0,295	0,002	0,006	0,123	FALSE
0,126	0,291	0,004	0,008	0,198	FALSE
0,041	0,303	0,002	0,009	0,066	FALSE
0,060	0,313	0,003	0,011	0,091	FALSE
-0,032	0,310	-0,001	0,011	0,029	FALSE
0,024	0,303	0,000	0,008	0,021	FALSE
0,011	0,295	0,001	0,009	0,034	FALSE
-0,195	0,287	-0,005	0,008	0,260	FALSE
0,078	0,289	0,003	0,012	0,102	FALSE
0,099	0,320	0,003	0,009	0,114	FALSE
0,117	0,300	0,003	0,008	0,141	FALSE
0,038	0,312	0,001	0,010	0,040	FALSE
0,045	0,304	0,001	0,012	0,042	FALSE
-0,030	0,315	-0,001	0,012	0,043	FALSE
0,025	0,306	0,001	0,009	0,036	FALSE
-0,069	0,321	-0,004	0,013	0,105	FALSE
0,027	0,329	0,000	0,011	0,008	FALSE
-0,035	0,300	-0,002	0,012	0,050	FALSE
-0,097	0,322	-0,004	0,013	0,123	FALSE
0,055	0,310	0,003	0,013	0,076	FALSE
0,100	0,302	0,003	0,009	0,128	FALSE
-0,003	0,309	0,000	0,012	0,001	FALSE
-0,150	0,310	-0,004	0,009	0,175	FALSE
0,029	0,316	0,001	0,009	0,042	FALSE
-0,016	0,320	-0,001	0,007	0,031	FALSE
0,037	0,288	0,001	0,011	0,028	FALSE
-0,023	0,299	0,000	0,006	0,025	FALSE
0,000	0,308	0,000	0,007	0,004	FALSE
-0,005	0,284	0,000	0,007	0,004	FALSE
-0,017	0,307	-0,002	0,013	0,050	FALSE
0,083	0,310	0,002	0,008	0,085	FALSE
-0,037	0,314	-0,001	0,007	0,044	FALSE
0,086	0,306	0,003	0,011	0,112	FALSE

0,059	0,315	0,002	0,012	0,077	FALSE
-0,049	0,311	-0,003	0,012	0,092	FALSE
-0,099	0,322	-0,003	0,009	0,113	FALSE
0,071	0,305	0,001	0,007	0,073	FALSE
0,010	0,309	0,001	0,010	0,024	FALSE
-0,003	0,303	0,000	0,008	0,014	FALSE
-0,093	0,306	-0,003	0,006	0,176	FALSE
-0,016	0,294	0,000	0,013	0,011	FALSE
-0,124	0,313	-0,004	0,010	0,145	FALSE
-0,051	0,306	-0,001	0,007	0,053	FALSE
-0,055	0,307	-0,001	0,007	0,057	FALSE
-0,115	0,306	-0,004	0,009	0,156	FALSE
0,098	0,305	0,004	0,013	0,113	FALSE
0,033	0,313	0,001	0,010	0,025	FALSE
-0,165	0,303	-0,004	0,007	0,213	FALSE
-0,043	0,305	-0,002	0,013	0,044	FALSE
-0,003	0,319	0,000	0,012	0,007	FALSE
0,052	0,308	0,001	0,007	0,073	FALSE
-0,051	0,307	-0,002	0,011	0,063	FALSE
-0,013	0,290	-0,001	0,007	0,041	FALSE
0,078	0,308	0,003	0,010	0,120	FALSE
0,011	0,306	0,000	0,008	0,009	FALSE
0,099	0,302	0,004	0,010	0,169	FALSE
-0,166	0,310	-0,004	0,008	0,216	FALSE
0,086	0,305	0,002	0,007	0,115	FALSE
-0,040	0,312	-0,001	0,009	0,040	FALSE
0,113	0,292	0,004	0,010	0,160	FALSE
0,072	0,305	0,002	0,009	0,088	FALSE
0,039	0,312	0,001	0,010	0,045	FALSE
0,031	0,296	0,001	0,010	0,042	FALSE
0,089	0,307	0,002	0,006	0,123	FALSE
-0,003	0,299	0,000	0,006	0,017	FALSE
0,147	0,301	0,004	0,007	0,238	FALSE
-0,045	0,306	-0,002	0,012	0,047	FALSE
-0,071	0,313	-0,003	0,013	0,078	FALSE
0,007	0,316	0,000	0,013	0,013	FALSE
-0,120	0,303	-0,004	0,011	0,153	FALSE
-0,029	0,316	0,000	0,008	0,012	FALSE
0,088	0,298	0,003	0,010	0,139	FALSE
-0,018	0,298	-0,001	0,011	0,021	FALSE
0,019	0,303	0,000	0,007	0,005	FALSE
0,046	0,333	0,001	0,012	0,042	FALSE
-0,035	0,308	-0,001	0,010	0,039	FALSE
-0,064	0,304	-0,002	0,013	0,066	FALSE
0,100	0,298	0,004	0,010	0,141	FALSE
-0,108	0,304	-0,005	0,013	0,149	FALSE
-0,122	0,326	-0,005	0,013	0,152	FALSE
0,091	0,305	0,002	0,010	0,086	FALSE
0,021	0,305	0,001	0,010	0,031	FALSE
-0,116	0,301	-0,003	0,012	0,115	FALSE
-0,023	0,299	-0,001	0,007	0,043	FALSE
-0,009	0,315	0,000	0,007	0,005	FALSE
0,066	0,308	0,002	0,007	0,087	FALSE

0,086	0,312	0,002	0,006	0,119	FALSE
-0,003	0,308	0,000	0,013	0,006	FALSE
0,069	0,307	0,002	0,008	0,123	FALSE
0,018	0,325	0,001	0,012	0,045	FALSE
-0,106	0,305	-0,004	0,011	0,127	FALSE
-0,067	0,309	-0,002	0,010	0,083	FALSE
0,113	0,306	0,003	0,008	0,145	FALSE
-0,082	0,306	-0,002	0,007	0,095	FALSE
0,043	0,317	0,001	0,008	0,054	FALSE
0,009	0,311	0,000	0,006	0,019	FALSE
0,011	0,312	0,000	0,008	0,006	FALSE
-0,018	0,308	-0,001	0,009	0,030	FALSE
0,026	0,316	0,001	0,008	0,040	FALSE
-0,109	0,295	-0,003	0,008	0,167	FALSE
-0,089	0,301	-0,003	0,008	0,148	FALSE
-0,004	0,317	0,000	0,012	0,010	FALSE
-0,013	0,308	0,000	0,012	0,006	FALSE
0,128	0,298	0,005	0,010	0,224	FALSE
-0,161	0,306	-0,005	0,010	0,244	FALSE
-0,027	0,314	-0,001	0,012	0,018	FALSE
0,106	0,318	0,002	0,006	0,140	FALSE
0,078	0,307	0,004	0,012	0,111	FALSE
-0,010	0,310	0,000	0,008	0,011	FALSE
-0,022	0,308	0,001	0,013	0,024	FALSE
0,087	0,315	0,003	0,012	0,110	FALSE
0,075	0,313	0,003	0,008	0,126	FALSE
-0,187	0,293	-0,004	0,006	0,272	FALSE
-0,122	0,304	-0,004	0,010	0,150	FALSE
-0,127	0,299	-0,002	0,006	0,157	FALSE
-0,008	0,302	0,000	0,007	0,011	FALSE
-0,174	0,310	-0,006	0,011	0,246	FALSE
-0,050	0,309	-0,002	0,006	0,090	FALSE
-0,076	0,314	-0,002	0,009	0,067	FALSE
0,163	0,311	0,004	0,007	0,229	FALSE
-0,178	0,312	-0,006	0,010	0,272	FALSE
-0,010	0,303	0,000	0,008	0,015	FALSE
-0,034	0,315	0,000	0,010	0,002	FALSE
-0,117	0,323	-0,004	0,009	0,159	FALSE
0,000	0,315	0,000	0,009	0,016	FALSE
0,140	0,315	0,004	0,009	0,172	FALSE
-0,012	0,311	0,000	0,009	0,011	FALSE
-0,092	0,301	-0,002	0,008	0,098	FALSE
-0,045	0,307	0,000	0,008	0,017	FALSE
-0,012	0,310	0,000	0,008	0,012	FALSE
0,008	0,306	0,001	0,009	0,023	FALSE
-0,029	0,304	-0,001	0,011	0,048	FALSE
0,027	0,300	0,000	0,012	0,012	FALSE
-0,062	0,297	-0,003	0,012	0,097	FALSE
-0,073	0,311	-0,003	0,012	0,112	FALSE
0,054	0,313	0,002	0,011	0,062	FALSE
0,025	0,289	0,001	0,010	0,024	FALSE
-0,034	0,310	-0,002	0,013	0,062	FALSE
0,054	0,300	0,002	0,010	0,090	FALSE

0,053	0,323	0,002	0,012	0,060	FALSE
0,033	0,307	0,001	0,011	0,038	FALSE
0,005	0,304	0,000	0,012	0,002	FALSE
0,040	0,311	0,001	0,009	0,058	FALSE
-0,017	0,287	0,000	0,011	0,005	FALSE
0,049	0,317	0,002	0,012	0,058	FALSE
-0,044	0,286	-0,002	0,011	0,072	FALSE
-0,064	0,311	-0,002	0,007	0,077	FALSE
-0,052	0,313	-0,002	0,008	0,080	FALSE
0,000	0,303	0,002	0,012	0,050	FALSE
0,067	0,307	0,002	0,010	0,086	FALSE
0,104	0,297	0,003	0,008	0,152	FALSE
-0,016	0,314	-0,001	0,013	0,030	FALSE
0,023	0,314	0,001	0,013	0,025	FALSE
0,058	0,294	0,002	0,012	0,063	FALSE
0,100	0,295	0,004	0,013	0,106	FALSE
0,106	0,303	0,004	0,012	0,115	FALSE
0,096	0,307	0,003	0,012	0,098	FALSE
-0,140	0,291	-0,006	0,012	0,209	FALSE
-0,101	0,299	-0,003	0,007	0,135	FALSE
0,063	0,298	0,002	0,009	0,084	FALSE
0,072	0,293	0,002	0,012	0,072	FALSE
-0,008	0,286	0,001	0,010	0,039	FALSE
0,021	0,321	0,000	0,010	0,006	FALSE
-0,089	0,291	-0,003	0,009	0,131	FALSE
0,168	0,285	0,007	0,012	0,237	FALSE
-0,076	0,303	-0,003	0,011	0,095	FALSE
-0,073	0,295	-0,003	0,011	0,087	FALSE
-0,002	0,311	0,000	0,012	0,011	FALSE
0,148	0,315	0,005	0,011	0,207	FALSE
0,126	0,308	0,005	0,010	0,178	FALSE
0,093	0,311	0,004	0,012	0,115	FALSE
-0,027	0,298	0,000	0,006	0,001	FALSE
0,166	0,305	0,006	0,010	0,262	FALSE
-0,030	0,310	-0,001	0,006	0,036	FALSE
-0,047	0,308	-0,002	0,010	0,074	FALSE
0,010	0,307	0,000	0,010	0,006	FALSE
-0,003	0,313	0,000	0,007	0,013	FALSE
-0,089	0,295	-0,002	0,007	0,095	FALSE
-0,038	0,321	0,000	0,007	0,021	FALSE
-0,093	0,313	-0,003	0,010	0,101	FALSE
-0,081	0,312	-0,003	0,010	0,106	FALSE
-0,016	0,296	-0,001	0,012	0,045	FALSE
0,062	0,296	0,002	0,011	0,072	FALSE
0,040	0,303	0,001	0,012	0,035	FALSE
0,019	0,303	0,000	0,012	0,009	FALSE
0,033	0,310	0,001	0,008	0,059	FALSE
-0,080	0,307	-0,003	0,011	0,112	FALSE
-0,207	0,307	-0,007	0,011	0,290	TRUE
0,078	0,316	0,003	0,012	0,082	FALSE
0,181	0,304	0,004	0,007	0,247	FALSE
0,224	0,298	0,009	0,012	0,341	FALSE
0,183	0,292	0,004	0,006	0,258	FALSE

0,080	0,306	0,004	0,012	0,111	FALSE
0,044	0,293	0,001	0,009	0,039	FALSE
0,111	0,296	0,005	0,012	0,175	FALSE
0,145	0,312	0,003	0,008	0,179	FALSE
0,127	0,303	0,003	0,008	0,150	FALSE
0,128	0,302	0,002	0,006	0,155	FALSE
0,037	0,307	0,002	0,012	0,053	FALSE
0,074	0,317	0,002	0,009	0,087	FALSE
0,132	0,305	0,004	0,009	0,151	FALSE
-0,148	0,312	-0,005	0,010	0,201	FALSE
0,032	0,300	0,002	0,011	0,061	FALSE
0,172	0,300	0,004	0,008	0,217	FALSE
0,072	0,306	0,002	0,008	0,110	FALSE
0,013	0,300	0,000	0,013	0,013	FALSE
0,045	0,301	0,002	0,011	0,077	FALSE
0,056	0,294	0,002	0,011	0,080	FALSE
0,063	0,293	0,002	0,012	0,078	FALSE
-0,025	0,299	-0,001	0,011	0,049	FALSE
0,072	0,296	0,002	0,007	0,091	FALSE
-0,018	0,302	-0,001	0,012	0,021	FALSE
-0,098	0,290	-0,005	0,011	0,171	FALSE
0,020	0,315	0,001	0,010	0,021	FALSE
0,022	0,307	0,001	0,007	0,026	FALSE
0,065	0,310	0,003	0,012	0,096	FALSE
0,049	0,308	0,002	0,010	0,081	FALSE
-0,033	0,302	-0,001	0,007	0,027	FALSE
-0,035	0,309	-0,001	0,010	0,033	FALSE
-0,141	0,295	-0,004	0,009	0,190	FALSE
0,012	0,305	0,001	0,007	0,031	FALSE
-0,049	0,310	-0,002	0,011	0,067	FALSE
-0,063	0,307	-0,003	0,013	0,094	FALSE
-0,041	0,308	-0,002	0,011	0,051	FALSE
0,162	0,301	0,005	0,008	0,247	FALSE
-0,018	0,307	0,000	0,013	0,006	FALSE
0,068	0,292	0,002	0,007	0,122	FALSE
-0,062	0,302	-0,002	0,009	0,077	FALSE
0,024	0,314	0,001	0,008	0,054	FALSE
0,111	0,314	0,002	0,011	0,078	FALSE
0,136	0,290	0,003	0,007	0,141	FALSE
0,161	0,300	0,006	0,013	0,207	FALSE
0,011	0,305	0,000	0,009	0,017	FALSE
0,047	0,300	0,002	0,008	0,071	FALSE
-0,144	0,310	-0,003	0,007	0,190	FALSE
-0,054	0,312	-0,001	0,006	0,068	FALSE
-0,012	0,307	-0,001	0,009	0,026	FALSE
0,134	0,289	0,004	0,009	0,208	FALSE
0,125	0,302	0,004	0,008	0,216	FALSE
0,103	0,317	0,003	0,008	0,122	FALSE
-0,015	0,307	-0,001	0,010	0,032	FALSE
-0,005	0,304	0,000	0,011	0,002	FALSE
-0,023	0,306	-0,001	0,006	0,032	FALSE
0,148	0,299	0,005	0,011	0,192	FALSE
-0,009	0,317	0,000	0,013	0,009	FALSE

0,002	0,317	0,000	0,007	0,023	FALSE
0,011	0,304	0,000	0,009	0,006	FALSE
0,045	0,314	0,002	0,013	0,069	FALSE
-0,063	0,302	-0,001	0,008	0,060	FALSE
-0,032	0,307	-0,001	0,011	0,021	FALSE
-0,033	0,313	-0,001	0,011	0,020	FALSE
-0,077	0,298	-0,002	0,011	0,081	FALSE
0,115	0,317	0,003	0,007	0,177	FALSE
-0,015	0,298	-0,001	0,007	0,037	FALSE
-0,030	0,306	-0,001	0,007	0,066	FALSE
0,134	0,310	0,003	0,008	0,181	FALSE
0,137	0,303	0,003	0,008	0,187	FALSE
0,182	0,289	0,004	0,008	0,247	FALSE
0,031	0,311	0,001	0,011	0,033	FALSE
-0,100	0,305	-0,002	0,007	0,098	FALSE
0,077	0,299	0,002	0,012	0,070	FALSE
0,090	0,296	0,003	0,012	0,115	FALSE
0,077	0,304	0,003	0,012	0,094	FALSE
-0,156	0,295	-0,004	0,007	0,220	FALSE
-0,079	0,303	-0,002	0,006	0,096	FALSE
-0,006	0,298	0,000	0,006	0,017	FALSE
0,099	0,299	0,003	0,008	0,138	FALSE
-0,068	0,311	-0,002	0,010	0,078	FALSE
-0,003	0,305	0,000	0,008	0,009	FALSE
-0,045	0,311	-0,001	0,007	0,060	FALSE
-0,112	0,306	-0,003	0,007	0,157	FALSE
-0,019	0,304	0,000	0,009	0,015	FALSE
-0,013	0,304	0,000	0,010	0,017	FALSE
0,054	0,309	0,002	0,007	0,085	FALSE
-0,084	0,304	-0,002	0,010	0,092	FALSE
0,070	0,316	0,002	0,008	0,095	FALSE
0,102	0,300	0,003	0,006	0,165	FALSE
-0,082	0,312	-0,002	0,010	0,075	FALSE
-0,026	0,318	0,000	0,008	0,018	FALSE
0,046	0,314	0,002	0,011	0,058	FALSE
-0,063	0,302	-0,002	0,013	0,070	FALSE
0,012	0,299	0,000	0,007	0,002	FALSE
0,012	0,306	0,000	0,008	0,004	FALSE
0,021	0,298	0,001	0,008	0,029	FALSE
0,059	0,318	0,002	0,013	0,062	FALSE
-0,072	0,304	-0,002	0,012	0,077	FALSE
-0,058	0,313	-0,002	0,007	0,087	FALSE
-0,002	0,311	0,000	0,007	0,013	FALSE
0,016	0,299	0,001	0,012	0,023	FALSE
0,041	0,299	0,001	0,007	0,043	FALSE
-0,025	0,314	0,000	0,008	0,016	FALSE
0,036	0,296	0,002	0,009	0,062	FALSE
0,097	0,303	0,002	0,007	0,099	FALSE
-0,101	0,315	-0,003	0,011	0,114	FALSE
-0,061	0,301	-0,001	0,006	0,074	FALSE
0,008	0,323	0,000	0,007	0,015	FALSE
-0,048	0,312	-0,002	0,012	0,056	FALSE
0,151	0,309	0,006	0,011	0,226	FALSE

-0,014	0,319	-0,001	0,013	0,025	FALSE
-0,074	0,296	-0,002	0,009	0,092	FALSE
-0,078	0,303	-0,002	0,006	0,118	FALSE
0,031	0,298	0,001	0,007	0,031	FALSE
-0,189	0,297	-0,007	0,010	0,304	FALSE
0,048	0,312	0,002	0,008	0,071	FALSE
0,000	0,325	0,000	0,011	0,009	FALSE
-0,033	0,307	-0,001	0,008	0,028	FALSE
0,053	0,301	0,002	0,007	0,091	FALSE
0,001	0,317	0,000	0,010	0,012	FALSE
-0,040	0,310	-0,001	0,010	0,033	FALSE
0,072	0,318	0,001	0,009	0,059	FALSE
0,083	0,306	0,001	0,006	0,089	FALSE
0,065	0,308	0,002	0,011	0,085	FALSE
-0,066	0,316	-0,001	0,007	0,066	FALSE
-0,080	0,308	-0,003	0,012	0,109	FALSE
0,050	0,325	0,002	0,009	0,065	FALSE
0,054	0,312	0,002	0,009	0,070	FALSE
0,059	0,291	0,002	0,008	0,107	FALSE
-0,032	0,310	-0,001	0,008	0,033	FALSE
-0,023	0,325	0,000	0,009	0,018	FALSE
-0,077	0,312	-0,002	0,008	0,106	FALSE
0,004	0,313	0,000	0,012	0,007	FALSE
0,007	0,289	0,000	0,011	0,006	FALSE
-0,101	0,302	-0,005	0,013	0,168	FALSE
-0,093	0,305	-0,002	0,007	0,140	FALSE
-0,077	0,304	-0,003	0,012	0,099	FALSE
0,061	0,308	0,001	0,007	0,074	FALSE
-0,025	0,317	-0,001	0,008	0,041	FALSE
-0,055	0,316	-0,002	0,008	0,076	FALSE
-0,006	0,314	0,000	0,009	0,007	FALSE
-0,034	0,310	-0,001	0,009	0,036	FALSE
-0,108	0,324	-0,004	0,012	0,130	FALSE
-0,027	0,321	0,000	0,010	0,003	FALSE
0,001	0,318	0,000	0,013	0,005	FALSE
-0,020	0,317	0,000	0,012	0,010	FALSE
-0,111	0,303	-0,004	0,011	0,129	FALSE
-0,019	0,322	-0,002	0,013	0,057	FALSE
0,008	0,300	0,001	0,009	0,033	FALSE
0,048	0,322	0,001	0,009	0,053	FALSE
-0,020	0,297	-0,001	0,007	0,036	FALSE
0,023	0,305	0,001	0,008	0,037	FALSE
0,036	0,301	0,001	0,007	0,040	FALSE
0,068	0,306	0,003	0,013	0,086	FALSE
0,079	0,297	0,004	0,012	0,121	FALSE
0,095	0,311	0,004	0,012	0,141	FALSE
-0,091	0,306	-0,004	0,010	0,138	FALSE
-0,004	0,298	0,000	0,007	0,011	FALSE
0,071	0,300	0,004	0,013	0,107	FALSE
-0,014	0,324	-0,001	0,013	0,016	FALSE
-0,029	0,303	0,000	0,006	0,019	FALSE
0,111	0,310	0,004	0,009	0,160	FALSE
0,021	0,308	0,001	0,009	0,040	FALSE

-0,067	0,303	-0,004	0,012	0,126	FALSE
-0,026	0,301	-0,002	0,012	0,069	FALSE
0,072	0,299	0,002	0,008	0,090	FALSE
0,058	0,300	0,002	0,008	0,093	FALSE
-0,069	0,304	-0,002	0,010	0,091	FALSE
0,011	0,313	0,000	0,009	0,006	FALSE
-0,060	0,306	-0,002	0,012	0,063	FALSE
-0,135	0,308	-0,004	0,011	0,173	FALSE
-0,059	0,311	-0,001	0,010	0,048	FALSE
-0,006	0,295	-0,001	0,011	0,016	FALSE
-0,015	0,311	-0,001	0,012	0,023	FALSE
0,013	0,304	0,001	0,012	0,032	FALSE
0,073	0,304	0,003	0,011	0,114	FALSE
0,123	0,307	0,003	0,007	0,152	FALSE
-0,005	0,312	0,000	0,007	0,008	FALSE
0,086	0,300	0,002	0,006	0,122	FALSE
-0,036	0,325	-0,001	0,009	0,052	FALSE
-0,090	0,296	-0,002	0,007	0,118	FALSE
-0,065	0,294	-0,002	0,008	0,079	FALSE
-0,063	0,322	-0,003	0,012	0,087	FALSE
-0,092	0,306	-0,003	0,008	0,132	FALSE
-0,020	0,312	-0,001	0,010	0,019	FALSE
0,100	0,302	0,004	0,009	0,195	FALSE
0,055	0,305	0,002	0,010	0,076	FALSE
0,044	0,310	0,001	0,007	0,039	FALSE
0,020	0,308	0,001	0,008	0,053	FALSE
-0,099	0,302	-0,003	0,007	0,142	FALSE
-0,127	0,301	-0,005	0,009	0,206	FALSE
-0,052	0,306	-0,002	0,010	0,065	FALSE
0,002	0,317	0,000	0,007	0,005	FALSE
0,045	0,306	0,001	0,013	0,023	FALSE
-0,059	0,315	-0,001	0,007	0,040	FALSE
0,059	0,309	0,001	0,006	0,084	FALSE
0,112	0,301	0,003	0,008	0,155	FALSE
-0,025	0,310	0,000	0,006	0,016	FALSE
-0,006	0,314	0,000	0,012	0,009	FALSE
-0,035	0,305	-0,003	0,013	0,079	FALSE
0,033	0,291	0,001	0,009	0,019	FALSE
0,117	0,309	0,002	0,006	0,146	FALSE
-0,030	0,312	-0,001	0,012	0,033	FALSE
-0,009	0,307	0,000	0,007	0,002	FALSE
0,001	0,303	0,000	0,008	0,006	FALSE
0,052	0,299	0,001	0,009	0,051	FALSE
-0,141	0,298	-0,003	0,007	0,191	FALSE
-0,244	0,296	-0,006	0,007	0,403	FALSE
-0,140	0,304	-0,004	0,008	0,207	FALSE
-0,111	0,308	-0,005	0,011	0,171	FALSE
-0,067	0,302	-0,002	0,007	0,103	FALSE
-0,128	0,312	-0,006	0,012	0,194	FALSE
-0,133	0,295	-0,003	0,008	0,188	FALSE
-0,114	0,303	-0,004	0,010	0,163	FALSE
-0,052	0,312	-0,001	0,007	0,060	FALSE
-0,011	0,302	-0,001	0,008	0,022	FALSE

-0,018	0,314	0,000	0,007	0,004	FALSE
0,005	0,307	0,000	0,012	0,002	FALSE
-0,031	0,308	0,000	0,008	0,014	FALSE
-0,187	0,304	-0,006	0,009	0,308	FALSE
-0,035	0,297	0,000	0,007	0,013	FALSE
0,032	0,312	0,002	0,011	0,070	FALSE
0,078	0,312	0,003	0,011	0,107	FALSE
0,116	0,317	0,004	0,011	0,156	FALSE
-0,151	0,300	-0,006	0,011	0,219	FALSE
0,006	0,315	0,000	0,013	0,001	FALSE
-0,040	0,297	-0,001	0,008	0,041	FALSE
0,107	0,316	0,005	0,013	0,139	FALSE
-0,108	0,312	-0,003	0,010	0,125	FALSE
0,052	0,313	0,002	0,010	0,064	FALSE
-0,145	0,309	-0,005	0,010	0,181	FALSE
0,070	0,304	0,001	0,007	0,077	FALSE
0,029	0,301	0,001	0,009	0,036	FALSE
0,096	0,306	0,004	0,012	0,112	FALSE
0,088	0,318	0,003	0,012	0,107	FALSE
0,059	0,314	0,003	0,012	0,091	FALSE
0,068	0,311	0,002	0,011	0,080	FALSE
0,054	0,321	0,003	0,012	0,077	FALSE
-0,020	0,320	-0,001	0,008	0,033	FALSE
0,082	0,314	0,003	0,011	0,102	FALSE
-0,006	0,303	0,000	0,006	0,008	FALSE
0,061	0,312	0,002	0,010	0,060	FALSE
0,011	0,316	0,000	0,009	0,018	FALSE
0,014	0,317	0,000	0,013	0,010	FALSE
-0,036	0,315	-0,002	0,008	0,076	FALSE
-0,018	0,310	0,000	0,009	0,017	FALSE
-0,035	0,315	-0,001	0,009	0,041	FALSE
-0,040	0,331	-0,001	0,010	0,044	FALSE
-0,047	0,315	-0,001	0,007	0,078	FALSE
-0,052	0,308	-0,001	0,009	0,046	FALSE
-0,058	0,313	-0,002	0,009	0,086	FALSE
-0,001	0,317	-0,001	0,013	0,019	FALSE
-0,073	0,309	-0,002	0,008	0,083	FALSE
-0,014	0,311	0,000	0,008	0,003	FALSE
-0,036	0,301	-0,001	0,008	0,060	FALSE
0,083	0,307	0,001	0,007	0,075	FALSE
0,004	0,302	0,000	0,007	0,024	FALSE
-0,049	0,290	-0,001	0,008	0,070	FALSE
0,059	0,321	0,001	0,007	0,055	FALSE
0,069	0,316	0,002	0,008	0,101	FALSE
0,032	0,306	0,002	0,013	0,049	FALSE
0,087	0,304	0,003	0,008	0,144	FALSE
0,036	0,321	0,001	0,007	0,050	FALSE
0,170	0,303	0,006	0,011	0,246	FALSE
0,104	0,308	0,004	0,013	0,120	FALSE
0,070	0,312	0,002	0,008	0,095	FALSE
-0,064	0,306	-0,001	0,007	0,062	FALSE
0,052	0,326	0,001	0,008	0,060	FALSE
-0,055	0,299	-0,002	0,013	0,073	FALSE

-0,059	0,299	-0,001	0,007	0,055	FALSE
-0,089	0,309	-0,002	0,007	0,136	FALSE
0,113	0,304	0,003	0,009	0,142	FALSE
0,127	0,308	0,004	0,009	0,168	FALSE
-0,099	0,293	-0,002	0,006	0,142	FALSE
-0,060	0,313	-0,002	0,010	0,080	FALSE
-0,123	0,307	-0,005	0,013	0,171	FALSE
0,000	0,310	0,000	0,013	0,005	FALSE
0,089	0,304	0,002	0,007	0,085	FALSE
0,048	0,311	0,002	0,008	0,088	FALSE
0,060	0,313	0,003	0,013	0,074	FALSE
-0,003	0,320	0,000	0,008	0,007	FALSE
-0,081	0,321	-0,002	0,008	0,118	FALSE
0,106	0,312	0,003	0,007	0,158	FALSE
-0,012	0,324	0,000	0,010	0,016	FALSE
-0,028	0,323	-0,001	0,007	0,040	FALSE
-0,092	0,297	-0,003	0,007	0,155	FALSE
-0,006	0,308	0,000	0,013	0,006	FALSE
-0,071	0,301	-0,003	0,012	0,099	FALSE
0,050	0,296	0,002	0,012	0,068	FALSE
0,083	0,310	0,003	0,012	0,113	FALSE
0,082	0,323	0,002	0,007	0,117	FALSE
-0,077	0,309	-0,001	0,007	0,071	FALSE
0,102	0,305	0,004	0,012	0,117	FALSE
-0,086	0,312	-0,002	0,008	0,117	FALSE
0,151	0,301	0,004	0,008	0,189	FALSE
-0,145	0,293	-0,004	0,008	0,198	FALSE
0,189	0,294	0,005	0,009	0,263	FALSE
0,009	0,315	0,000	0,007	0,008	FALSE
-0,102	0,291	-0,003	0,011	0,105	FALSE
0,087	0,306	0,004	0,012	0,144	FALSE
0,119	0,309	0,003	0,006	0,182	FALSE
0,028	0,308	0,001	0,008	0,038	FALSE
0,123	0,294	0,004	0,009	0,200	FALSE
0,054	0,298	0,001	0,007	0,075	FALSE
0,089	0,301	0,003	0,009	0,148	FALSE
0,001	0,314	0,000	0,013	0,006	FALSE
0,060	0,304	0,002	0,007	0,085	FALSE
0,057	0,316	0,002	0,012	0,051	FALSE
-0,005	0,318	0,000	0,008	0,006	FALSE
0,109	0,303	0,003	0,011	0,130	FALSE
0,012	0,304	0,000	0,008	0,016	FALSE
-0,001	0,314	0,000	0,008	0,003	FALSE
-0,040	0,303	-0,001	0,012	0,045	FALSE
0,102	0,315	0,005	0,013	0,143	FALSE
-0,078	0,292	-0,003	0,011	0,095	FALSE
-0,140	0,310	-0,005	0,012	0,189	FALSE
-0,163	0,301	-0,006	0,011	0,225	FALSE
-0,016	0,309	0,000	0,007	0,009	FALSE
-0,122	0,307	-0,003	0,009	0,144	FALSE
-0,120	0,304	-0,002	0,006	0,148	FALSE
0,006	0,306	0,000	0,011	0,016	FALSE
-0,036	0,321	-0,001	0,009	0,047	FALSE

0,077	0,296	0,004	0,012	0,122	FALSE
0,097	0,314	0,006	0,013	0,183	FALSE
0,039	0,308	0,001	0,009	0,048	FALSE
-0,084	0,297	-0,003	0,008	0,132	FALSE
0,014	0,313	0,001	0,012	0,018	FALSE
-0,093	0,304	-0,003	0,009	0,132	FALSE
-0,104	0,309	-0,003	0,009	0,159	FALSE
-0,075	0,296	-0,002	0,006	0,137	FALSE
-0,024	0,307	-0,001	0,011	0,034	FALSE
-0,101	0,301	-0,002	0,007	0,105	FALSE
0,029	0,290	0,000	0,009	0,003	FALSE
0,098	0,309	0,002	0,007	0,117	FALSE
0,071	0,303	0,004	0,012	0,116	FALSE
-0,075	0,310	-0,002	0,007	0,102	FALSE
0,001	0,296	0,000	0,006	0,014	FALSE
-0,046	0,310	-0,001	0,011	0,042	FALSE
-0,069	0,309	-0,001	0,007	0,034	FALSE
-0,025	0,308	-0,002	0,012	0,050	FALSE
0,041	0,308	0,002	0,010	0,061	FALSE
-0,014	0,309	0,000	0,009	0,011	FALSE
-0,116	0,299	-0,002	0,007	0,132	FALSE
0,038	0,302	0,002	0,012	0,064	FALSE
0,057	0,303	0,002	0,011	0,081	FALSE
-0,102	0,297	-0,005	0,013	0,144	FALSE
0,044	0,299	0,001	0,009	0,031	FALSE
0,127	0,304	0,002	0,006	0,163	FALSE
0,071	0,310	0,002	0,007	0,104	FALSE
-0,063	0,299	-0,003	0,012	0,091	FALSE
0,133	0,307	0,005	0,011	0,182	FALSE
0,117	0,308	0,004	0,011	0,160	FALSE
0,137	0,314	0,006	0,011	0,217	FALSE
-0,132	0,291	-0,005	0,011	0,187	FALSE
-0,008	0,309	-0,002	0,013	0,058	FALSE
-0,031	0,290	0,000	0,012	0,008	FALSE
0,069	0,315	0,002	0,009	0,077	FALSE
0,082	0,305	0,003	0,007	0,150	FALSE
0,090	0,318	0,003	0,012	0,102	FALSE
-0,171	0,296	-0,006	0,012	0,235	FALSE
0,096	0,297	0,002	0,007	0,119	FALSE
0,177	0,311	0,007	0,013	0,239	FALSE
0,039	0,322	0,001	0,013	0,038	FALSE
-0,052	0,314	-0,002	0,011	0,049	FALSE
0,003	0,321	0,000	0,010	0,003	FALSE
-0,061	0,321	-0,002	0,011	0,064	FALSE
-0,048	0,312	-0,001	0,013	0,036	FALSE
0,002	0,306	0,000	0,007	0,002	FALSE
0,023	0,296	0,000	0,006	0,007	FALSE
-0,051	0,296	-0,001	0,009	0,027	FALSE
0,111	0,300	0,004	0,011	0,125	FALSE
0,066	0,306	0,003	0,011	0,116	FALSE
-0,065	0,317	-0,002	0,010	0,057	FALSE
-0,040	0,305	-0,001	0,012	0,027	FALSE
0,065	0,310	0,001	0,007	0,069	FALSE

0,117	0,311	0,003	0,007	0,171	FALSE
0,068	0,307	0,002	0,011	0,070	FALSE
0,117	0,288	0,004	0,011	0,145	FALSE
0,082	0,293	0,003	0,012	0,105	FALSE
-0,064	0,307	-0,001	0,007	0,062	FALSE
0,054	0,307	0,001	0,008	0,064	FALSE
-0,002	0,295	-0,001	0,009	0,023	FALSE
0,009	0,300	0,000	0,010	0,005	FALSE
0,102	0,297	0,003	0,010	0,115	FALSE
-0,085	0,287	-0,002	0,007	0,088	FALSE
-0,059	0,296	-0,002	0,012	0,059	FALSE
-0,078	0,299	-0,002	0,012	0,076	FALSE
-0,098	0,282	-0,003	0,011	0,111	FALSE
-0,080	0,306	-0,002	0,012	0,081	FALSE
0,027	0,310	0,001	0,011	0,020	FALSE
-0,088	0,306	-0,003	0,010	0,142	FALSE
-0,071	0,313	-0,002	0,010	0,086	FALSE
0,007	0,304	0,001	0,010	0,021	FALSE
0,050	0,302	0,002	0,011	0,084	FALSE
0,015	0,298	0,000	0,010	0,013	FALSE
-0,022	0,311	0,000	0,007	0,017	FALSE
0,039	0,295	0,001	0,006	0,077	FALSE
0,005	0,302	0,000	0,012	0,007	FALSE
0,009	0,321	0,000	0,007	0,019	FALSE
-0,010	0,283	0,000	0,007	0,012	FALSE
-0,144	0,317	-0,005	0,011	0,199	FALSE
0,089	0,319	0,004	0,012	0,132	FALSE
-0,047	0,304	-0,001	0,011	0,047	FALSE
0,090	0,296	0,002	0,008	0,085	FALSE
-0,032	0,318	0,000	0,007	0,010	FALSE
0,006	0,314	0,001	0,013	0,015	FALSE
0,005	0,309	0,000	0,012	0,009	FALSE
-0,015	0,300	-0,001	0,012	0,016	FALSE
0,003	0,314	0,000	0,012	0,007	FALSE
-0,116	0,321	-0,003	0,008	0,166	FALSE
0,056	0,316	0,002	0,010	0,082	FALSE
-0,006	0,314	0,000	0,013	0,009	FALSE
0,031	0,307	0,001	0,012	0,025	FALSE
-0,153	0,301	-0,005	0,009	0,228	FALSE
-0,057	0,304	-0,003	0,013	0,095	FALSE
0,146	0,290	0,005	0,012	0,175	FALSE
0,019	0,300	0,001	0,010	0,034	FALSE
0,036	0,305	0,001	0,009	0,029	FALSE
-0,018	0,314	-0,001	0,012	0,043	FALSE
0,016	0,298	0,000	0,012	0,006	FALSE
-0,024	0,311	0,000	0,007	0,008	FALSE
-0,007	0,310	0,000	0,008	0,004	FALSE
0,019	0,313	0,001	0,013	0,039	FALSE
0,063	0,306	0,002	0,007	0,090	FALSE
-0,194	0,296	-0,010	0,013	0,350	FALSE
-0,005	0,308	0,000	0,011	0,008	FALSE
-0,012	0,296	0,000	0,012	0,004	FALSE
-0,065	0,307	-0,001	0,006	0,066	FALSE

-0,043	0,303	-0,001	0,009	0,045	FALSE
-0,070	0,299	-0,002	0,008	0,126	FALSE
-0,007	0,292	0,000	0,011	0,003	FALSE
-0,033	0,296	-0,001	0,006	0,035	FALSE
0,017	0,299	0,001	0,012	0,025	FALSE
-0,157	0,321	-0,004	0,008	0,178	FALSE
0,060	0,323	0,002	0,010	0,067	FALSE
0,062	0,306	0,002	0,010	0,070	FALSE
-0,025	0,322	-0,001	0,013	0,037	FALSE
-0,043	0,305	-0,001	0,009	0,029	FALSE
0,026	0,315	0,000	0,013	0,005	FALSE
0,025	0,311	0,000	0,012	0,011	FALSE
0,089	0,309	0,003	0,012	0,111	FALSE
0,107	0,303	0,004	0,012	0,127	FALSE
0,103	0,310	0,004	0,012	0,116	FALSE
0,041	0,318	0,002	0,009	0,086	FALSE
0,078	0,315	0,002	0,007	0,103	FALSE
0,081	0,302	0,003	0,012	0,101	FALSE
0,015	0,306	0,001	0,010	0,021	FALSE
-0,066	0,307	-0,003	0,012	0,094	FALSE
0,057	0,312	0,003	0,011	0,094	FALSE
-0,118	0,303	-0,005	0,011	0,187	FALSE
0,025	0,304	0,002	0,012	0,049	FALSE
0,026	0,300	0,001	0,006	0,069	FALSE
-0,047	0,329	-0,002	0,014	0,058	FALSE
0,057	0,317	0,002	0,008	0,079	FALSE
0,035	0,316	0,000	0,007	0,022	FALSE
0,050	0,300	0,001	0,006	0,051	FALSE
-0,054	0,294	-0,001	0,007	0,068	FALSE
-0,044	0,315	-0,001	0,013	0,035	FALSE
0,185	0,298	0,004	0,006	0,265	FALSE
0,041	0,304	0,001	0,007	0,048	FALSE
0,053	0,321	0,003	0,012	0,083	FALSE
-0,098	0,314	-0,004	0,013	0,118	FALSE
-0,001	0,292	0,000	0,008	0,002	FALSE
-0,078	0,317	-0,003	0,012	0,113	FALSE
-0,080	0,298	-0,003	0,009	0,112	FALSE
-0,076	0,303	-0,002	0,013	0,062	FALSE
0,073	0,291	0,002	0,009	0,085	FALSE
-0,079	0,292	-0,002	0,012	0,053	FALSE
0,036	0,312	0,001	0,009	0,056	FALSE
0,063	0,309	0,003	0,012	0,084	FALSE
0,070	0,324	0,002	0,008	0,075	FALSE
0,127	0,303	0,004	0,011	0,157	FALSE
0,096	0,278	0,005	0,012	0,156	FALSE
-0,020	0,321	-0,001	0,011	0,037	FALSE
-0,128	0,310	-0,006	0,012	0,197	FALSE
-0,052	0,316	-0,001	0,008	0,058	FALSE
-0,062	0,296	-0,002	0,007	0,085	FALSE
-0,060	0,308	-0,002	0,009	0,084	FALSE
-0,075	0,297	-0,003	0,013	0,102	FALSE
-0,035	0,317	0,000	0,007	0,021	FALSE
0,114	0,305	0,003	0,007	0,177	FALSE

-0,044	0,309	-0,001	0,012	0,040	FALSE
0,025	0,304	0,000	0,006	0,028	FALSE
-0,007	0,297	0,000	0,007	0,023	FALSE
0,027	0,303	0,001	0,013	0,039	FALSE
0,017	0,289	0,002	0,012	0,047	FALSE
0,027	0,302	0,001	0,008	0,032	FALSE
0,003	0,306	0,000	0,010	0,001	FALSE
-0,031	0,307	-0,001	0,008	0,046	FALSE
-0,188	0,300	-0,007	0,010	0,303	FALSE
0,056	0,307	0,002	0,008	0,081	FALSE
0,080	0,305	0,003	0,009	0,117	FALSE
0,173	0,298	0,007	0,011	0,281	FALSE
0,116	0,301	0,004	0,010	0,172	FALSE
-0,002	0,304	0,001	0,010	0,024	FALSE
-0,028	0,300	-0,001	0,009	0,032	FALSE
0,107	0,305	0,003	0,007	0,159	FALSE
0,085	0,297	0,002	0,007	0,100	FALSE
0,123	0,302	0,004	0,009	0,178	FALSE
-0,049	0,304	-0,001	0,006	0,061	FALSE
0,049	0,315	0,001	0,010	0,054	FALSE
-0,032	0,308	-0,001	0,008	0,043	FALSE
0,069	0,307	0,002	0,007	0,097	FALSE
0,108	0,302	0,004	0,010	0,178	FALSE
-0,079	0,312	-0,002	0,010	0,072	FALSE
-0,099	0,309	-0,003	0,009	0,135	FALSE
-0,080	0,312	-0,003	0,012	0,086	FALSE
-0,118	0,312	-0,004	0,012	0,137	FALSE
0,004	0,303	0,000	0,007	0,016	FALSE
-0,034	0,302	-0,001	0,013	0,017	FALSE
-0,067	0,300	-0,002	0,011	0,086	FALSE
0,076	0,311	0,003	0,013	0,102	FALSE
0,064	0,319	0,003	0,013	0,091	FALSE
0,066	0,327	0,003	0,013	0,095	FALSE
0,146	0,298	0,003	0,007	0,193	FALSE
-0,019	0,313	0,000	0,008	0,011	FALSE
-0,030	0,327	-0,001	0,009	0,023	FALSE
-0,026	0,313	-0,001	0,007	0,051	FALSE
-0,074	0,310	-0,003	0,011	0,099	FALSE
0,055	0,314	0,002	0,010	0,080	FALSE
-0,071	0,306	-0,002	0,008	0,099	FALSE
-0,092	0,318	-0,002	0,008	0,116	FALSE
0,054	0,319	0,002	0,008	0,087	FALSE
0,019	0,302	0,001	0,007	0,039	FALSE
0,096	0,309	0,003	0,009	0,118	FALSE
-0,060	0,292	-0,002	0,013	0,064	FALSE
0,031	0,312	0,001	0,008	0,065	FALSE
0,080	0,291	0,002	0,008	0,103	FALSE
0,017	0,308	0,000	0,009	0,017	FALSE
0,018	0,319	0,000	0,009	0,008	FALSE
-0,006	0,298	0,000	0,011	0,003	FALSE
-0,097	0,307	-0,004	0,012	0,126	FALSE
-0,030	0,308	-0,001	0,012	0,027	FALSE
0,065	0,300	0,002	0,010	0,077	FALSE

0,176	0,311	0,004	0,007	0,263	FALSE
-0,154	0,307	-0,004	0,007	0,220	FALSE
0,165	0,301	0,007	0,011	0,264	FALSE
-0,084	0,313	-0,003	0,009	0,113	FALSE
-0,146	0,311	-0,004	0,008	0,188	FALSE
0,006	0,299	0,000	0,007	0,010	FALSE
-0,056	0,287	-0,002	0,009	0,091	FALSE
-0,134	0,281	-0,003	0,007	0,194	FALSE
0,072	0,321	0,003	0,013	0,088	FALSE
0,105	0,314	0,005	0,013	0,153	FALSE
0,000	0,292	0,000	0,010	0,007	FALSE
-0,079	0,307	-0,002	0,008	0,101	FALSE
-0,041	0,309	-0,001	0,009	0,052	FALSE
0,101	0,307	0,004	0,013	0,112	FALSE
0,101	0,301	0,004	0,013	0,121	FALSE
0,097	0,312	0,004	0,012	0,117	FALSE
0,098	0,312	0,003	0,010	0,131	FALSE
-0,066	0,301	-0,002	0,008	0,094	FALSE
0,116	0,310	0,005	0,012	0,178	FALSE
0,117	0,328	0,005	0,011	0,174	FALSE
-0,058	0,301	-0,001	0,006	0,084	FALSE
0,125	0,308	0,004	0,008	0,207	FALSE
-0,023	0,301	0,000	0,008	0,004	FALSE
-0,014	0,305	-0,001	0,008	0,048	FALSE
-0,030	0,313	-0,001	0,009	0,032	FALSE
0,022	0,305	0,001	0,007	0,029	FALSE
0,012	0,312	0,001	0,007	0,038	FALSE
-0,036	0,296	-0,002	0,012	0,059	FALSE
-0,008	0,311	0,000	0,010	0,017	FALSE
-0,007	0,309	0,000	0,010	0,010	FALSE
0,100	0,305	0,004	0,013	0,124	FALSE
-0,126	0,308	-0,003	0,007	0,191	FALSE
0,061	0,305	0,002	0,009	0,066	FALSE
0,002	0,310	0,001	0,010	0,020	FALSE
-0,135	0,295	-0,005	0,009	0,214	FALSE
0,065	0,312	0,002	0,011	0,072	FALSE
0,070	0,307	0,002	0,010	0,088	FALSE
0,069	0,294	0,002	0,008	0,114	FALSE
0,134	0,321	0,003	0,007	0,171	FALSE
0,010	0,330	0,000	0,013	0,009	FALSE
-0,018	0,304	0,000	0,010	0,003	FALSE
0,035	0,296	0,001	0,006	0,069	FALSE
-0,008	0,316	0,000	0,007	0,001	FALSE
-0,094	0,292	-0,004	0,011	0,140	FALSE
-0,080	0,314	-0,001	0,007	0,077	FALSE
0,112	0,313	0,004	0,010	0,160	FALSE
0,046	0,314	0,001	0,011	0,051	FALSE
-0,218	0,291	-0,009	0,012	0,356	FALSE
-0,133	0,296	-0,006	0,011	0,229	FALSE
0,201	0,291	0,006	0,009	0,303	FALSE
0,050	0,304	0,002	0,012	0,055	FALSE
-0,053	0,318	-0,003	0,013	0,076	FALSE
-0,055	0,316	-0,003	0,013	0,088	FALSE

-0,021	0,307	0,000	0,007	0,027	FALSE
0,033	0,301	0,002	0,011	0,061	FALSE
-0,006	0,305	0,000	0,012	0,004	FALSE
0,003	0,301	0,000	0,008	0,020	FALSE
0,052	0,312	0,001	0,006	0,052	FALSE
0,017	0,315	0,001	0,007	0,025	FALSE
0,029	0,300	0,001	0,012	0,040	FALSE
-0,025	0,306	-0,001	0,007	0,058	FALSE
-0,198	0,296	-0,008	0,011	0,317	FALSE
0,125	0,317	0,005	0,011	0,164	FALSE
-0,106	0,306	-0,003	0,010	0,126	FALSE
0,004	0,294	0,000	0,012	0,008	FALSE
-0,027	0,313	-0,001	0,008	0,037	FALSE
0,008	0,301	0,000	0,012	0,009	FALSE
0,090	0,302	0,003	0,010	0,110	FALSE
0,002	0,307	0,000	0,007	0,020	FALSE
0,057	0,303	0,002	0,008	0,077	FALSE
0,075	0,320	0,004	0,013	0,112	FALSE
0,009	0,318	-0,001	0,013	0,017	FALSE
-0,012	0,322	0,000	0,013	0,006	FALSE
-0,061	0,307	-0,001	0,010	0,048	FALSE
-0,069	0,314	-0,002	0,007	0,110	FALSE
-0,121	0,299	-0,003	0,008	0,149	FALSE
-0,123	0,306	-0,003	0,008	0,151	FALSE
-0,135	0,310	-0,003	0,008	0,171	FALSE
-0,114	0,293	-0,003	0,008	0,174	FALSE
-0,093	0,308	-0,002	0,007	0,120	FALSE
0,081	0,314	0,002	0,012	0,075	FALSE
0,075	0,293	0,003	0,012	0,089	FALSE
0,101	0,302	0,004	0,010	0,171	FALSE
-0,046	0,320	-0,001	0,008	0,035	FALSE
0,108	0,294	0,005	0,013	0,165	FALSE
0,042	0,298	0,000	0,006	0,007	FALSE
0,016	0,302	0,000	0,007	0,020	FALSE
-0,086	0,309	-0,003	0,009	0,117	FALSE
-0,073	0,314	-0,002	0,010	0,082	FALSE
-0,075	0,301	-0,002	0,009	0,081	FALSE
-0,098	0,317	-0,002	0,009	0,099	FALSE
-0,016	0,305	0,000	0,007	0,021	FALSE
-0,051	0,314	-0,001	0,007	0,069	FALSE
-0,063	0,305	-0,002	0,009	0,073	FALSE
-0,012	0,300	-0,001	0,012	0,019	FALSE
-0,121	0,306	-0,005	0,013	0,159	FALSE
-0,021	0,313	-0,001	0,006	0,029	FALSE
-0,079	0,307	-0,003	0,013	0,087	FALSE
0,105	0,308	0,004	0,010	0,152	FALSE
0,153	0,306	0,007	0,013	0,227	FALSE
-0,122	0,308	-0,003	0,008	0,163	FALSE
0,140	0,302	0,005	0,012	0,170	FALSE
-0,081	0,310	-0,002	0,011	0,062	FALSE
0,159	0,308	0,004	0,009	0,183	FALSE
0,045	0,299	0,000	0,012	0,008	FALSE
0,026	0,308	0,001	0,011	0,044	FALSE

0,132	0,299	0,003	0,007	0,197	FALSE
0,119	0,312	0,004	0,008	0,191	FALSE
-0,027	0,306	-0,001	0,007	0,032	FALSE
0,004	0,304	0,000	0,009	0,015	FALSE
-0,149	0,285	-0,005	0,010	0,200	FALSE
-0,031	0,310	-0,001	0,008	0,034	FALSE
0,012	0,315	0,001	0,009	0,035	FALSE
0,051	0,308	0,002	0,013	0,060	FALSE
-0,154	0,308	-0,003	0,006	0,210	FALSE
-0,093	0,309	-0,004	0,012	0,138	FALSE
0,018	0,306	0,000	0,009	0,006	FALSE
-0,139	0,300	-0,006	0,012	0,208	FALSE
-0,008	0,313	0,000	0,008	0,002	FALSE
-0,067	0,309	-0,002	0,009	0,079	FALSE
-0,057	0,299	-0,002	0,009	0,067	FALSE
-0,098	0,309	-0,003	0,013	0,097	FALSE
-0,058	0,315	-0,002	0,010	0,094	FALSE
0,056	0,310	0,002	0,007	0,089	FALSE
0,077	0,308	0,004	0,013	0,104	FALSE
-0,031	0,310	-0,002	0,010	0,066	FALSE
0,031	0,310	0,001	0,010	0,033	FALSE
-0,066	0,311	-0,001	0,009	0,058	FALSE
0,073	0,300	0,002	0,008	0,112	FALSE
0,073	0,312	0,001	0,007	0,061	FALSE
0,060	0,299	0,001	0,007	0,048	FALSE
-0,139	0,289	-0,005	0,010	0,222	FALSE
-0,072	0,310	-0,002	0,009	0,086	FALSE
0,124	0,311	0,005	0,012	0,166	FALSE
0,095	0,300	0,004	0,012	0,124	FALSE
0,049	0,305	0,001	0,013	0,033	FALSE
0,147	0,297	0,004	0,009	0,186	FALSE
-0,043	0,316	-0,001	0,009	0,058	FALSE
0,164	0,299	0,003	0,007	0,189	FALSE
0,100	0,303	0,004	0,012	0,140	FALSE
0,037	0,300	0,001	0,011	0,043	FALSE
0,100	0,310	0,004	0,010	0,151	FALSE
-0,156	0,293	-0,006	0,011	0,227	FALSE
-0,191	0,307	-0,007	0,011	0,281	FALSE
-0,192	0,288	-0,007	0,010	0,305	FALSE
-0,032	0,318	-0,001	0,009	0,050	FALSE
0,013	0,315	0,001	0,008	0,024	FALSE
0,065	0,300	0,003	0,012	0,080	FALSE
-0,161	0,301	-0,006	0,011	0,224	FALSE
0,044	0,302	0,002	0,008	0,082	FALSE
0,051	0,301	0,002	0,008	0,076	FALSE
-0,076	0,311	-0,002	0,007	0,102	FALSE
-0,057	0,311	-0,001	0,007	0,067	FALSE
0,085	0,305	0,002	0,010	0,080	FALSE
0,001	0,309	0,001	0,010	0,018	FALSE
0,101	0,309	0,002	0,008	0,111	FALSE
0,041	0,295	0,002	0,010	0,090	FALSE
-0,155	0,311	-0,007	0,012	0,226	FALSE
0,077	0,300	0,004	0,012	0,114	FALSE

-0,087	0,306	-0,003	0,011	0,106	FALSE
-0,005	0,301	0,000	0,008	0,010	FALSE
0,002	0,323	0,000	0,012	0,004	FALSE
0,005	0,305	0,000	0,007	0,011	FALSE
-0,085	0,306	-0,003	0,012	0,112	FALSE
-0,101	0,310	-0,004	0,012	0,131	FALSE
0,042	0,294	0,001	0,010	0,043	FALSE
0,172	0,289	0,004	0,007	0,220	FALSE
-0,065	0,286	-0,002	0,011	0,061	FALSE
0,035	0,304	0,002	0,013	0,052	FALSE
0,126	0,300	0,006	0,013	0,174	FALSE
0,006	0,304	0,001	0,007	0,035	FALSE
-0,012	0,303	0,000	0,013	0,005	FALSE
-0,050	0,311	-0,001	0,009	0,047	FALSE
0,017	0,308	0,001	0,007	0,043	FALSE
-0,006	0,298	0,000	0,011	0,001	FALSE
-0,051	0,313	-0,001	0,007	0,067	FALSE
0,104	0,303	0,006	0,013	0,195	FALSE
0,090	0,319	0,004	0,011	0,139	FALSE
-0,070	0,314	-0,001	0,008	0,066	FALSE
-0,074	0,300	-0,002	0,008	0,086	FALSE
0,044	0,303	0,002	0,011	0,082	FALSE
-0,149	0,308	-0,003	0,007	0,189	FALSE
-0,072	0,313	-0,001	0,007	0,066	FALSE
0,020	0,312	0,000	0,009	0,005	FALSE
-0,154	0,292	-0,007	0,012	0,244	FALSE
-0,098	0,298	-0,003	0,009	0,143	FALSE
-0,038	0,323	-0,001	0,008	0,061	FALSE
-0,071	0,286	-0,002	0,012	0,067	FALSE
-0,057	0,299	-0,002	0,009	0,095	FALSE
-0,037	0,297	-0,001	0,008	0,031	FALSE
-0,040	0,316	-0,002	0,012	0,069	FALSE
0,003	0,300	0,000	0,007	0,007	FALSE
-0,060	0,318	-0,003	0,013	0,073	FALSE
0,029	0,307	0,001	0,009	0,045	FALSE
-0,105	0,315	-0,002	0,007	0,103	FALSE
0,006	0,290	0,001	0,012	0,026	FALSE
-0,044	0,308	-0,003	0,013	0,078	FALSE
0,035	0,312	0,001	0,010	0,052	FALSE
0,033	0,315	0,002	0,012	0,054	FALSE
-0,095	0,292	-0,002	0,007	0,095	FALSE
-0,006	0,301	-0,001	0,012	0,023	FALSE
0,027	0,311	0,002	0,012	0,047	FALSE
0,128	0,289	0,004	0,008	0,225	FALSE
0,155	0,305	0,006	0,012	0,200	FALSE
-0,014	0,309	0,000	0,008	0,014	FALSE
-0,036	0,313	-0,001	0,011	0,047	FALSE
-0,033	0,304	0,000	0,012	0,008	FALSE
-0,089	0,295	-0,003	0,012	0,105	FALSE
-0,143	0,301	-0,003	0,006	0,218	FALSE
-0,233	0,300	-0,008	0,011	0,349	FALSE
-0,070	0,309	-0,001	0,009	0,060	FALSE
0,029	0,305	0,001	0,009	0,054	FALSE

0,029	0,307	0,001	0,009	0,028	FALSE
0,021	0,302	0,001	0,007	0,048	FALSE
-0,059	0,313	-0,001	0,007	0,050	FALSE
-0,128	0,307	-0,003	0,007	0,172	FALSE
-0,011	0,321	0,000	0,008	0,006	FALSE
-0,074	0,314	-0,002	0,007	0,108	FALSE
-0,105	0,303	-0,002	0,007	0,135	FALSE
0,078	0,310	0,003	0,013	0,088	FALSE
-0,072	0,316	-0,003	0,012	0,102	FALSE
0,029	0,306	0,001	0,007	0,052	FALSE
-0,104	0,296	-0,004	0,010	0,160	FALSE
-0,033	0,316	-0,001	0,007	0,047	FALSE
0,092	0,314	0,002	0,008	0,121	FALSE
0,050	0,315	0,001	0,011	0,043	FALSE
0,062	0,307	0,002	0,011	0,068	FALSE
0,007	0,309	-0,001	0,013	0,014	FALSE
-0,093	0,314	-0,002	0,006	0,090	FALSE
-0,085	0,324	-0,003	0,014	0,095	FALSE
0,002	0,315	0,000	0,011	0,008	FALSE
-0,091	0,284	-0,002	0,010	0,082	FALSE
-0,038	0,306	-0,001	0,007	0,028	FALSE
-0,044	0,312	-0,001	0,010	0,035	FALSE
-0,003	0,303	0,001	0,013	0,016	FALSE
-0,025	0,305	0,000	0,009	0,010	FALSE
-0,026	0,300	-0,001	0,009	0,022	FALSE
-0,001	0,304	0,000	0,009	0,006	FALSE
-0,080	0,313	-0,004	0,012	0,114	FALSE
0,037	0,309	0,001	0,008	0,043	FALSE
-0,034	0,296	0,000	0,006	0,008	FALSE
0,011	0,320	0,001	0,007	0,035	FALSE
0,021	0,300	0,001	0,007	0,052	FALSE
-0,022	0,299	0,000	0,009	0,007	FALSE
-0,059	0,297	-0,003	0,012	0,081	FALSE
0,112	0,308	0,005	0,011	0,204	FALSE
0,037	0,311	0,000	0,011	0,010	FALSE
-0,059	0,307	-0,001	0,010	0,037	FALSE
-0,001	0,307	0,000	0,006	0,013	FALSE
0,034	0,333	0,001	0,014	0,016	FALSE
0,149	0,313	0,006	0,012	0,199	FALSE
-0,108	0,309	-0,004	0,010	0,142	FALSE
-0,009	0,302	0,000	0,006	0,018	FALSE
-0,091	0,313	-0,002	0,007	0,122	FALSE
-0,095	0,299	-0,002	0,007	0,111	FALSE
-0,080	0,308	-0,002	0,010	0,075	FALSE
0,006	0,292	0,001	0,011	0,019	FALSE
-0,031	0,293	-0,001	0,008	0,048	FALSE
-0,076	0,305	-0,001	0,007	0,079	FALSE
-0,009	0,302	-0,001	0,008	0,026	FALSE
0,025	0,299	0,001	0,010	0,025	FALSE
0,025	0,330	0,000	0,013	0,012	FALSE
-0,061	0,320	-0,003	0,013	0,098	FALSE
-0,082	0,320	-0,003	0,010	0,102	FALSE
0,001	0,319	0,000	0,011	0,007	FALSE

0,109	0,296	0,004	0,012	0,116	FALSE
0,084	0,308	0,002	0,007	0,124	FALSE
0,020	0,305	0,000	0,007	0,015	FALSE
0,066	0,304	0,002	0,007	0,077	FALSE
-0,005	0,320	0,000	0,011	0,016	FALSE
-0,142	0,304	-0,006	0,010	0,238	FALSE
-0,016	0,306	-0,001	0,013	0,026	FALSE
0,057	0,301	0,001	0,008	0,063	FALSE
-0,014	0,313	-0,001	0,008	0,029	FALSE
0,010	0,308	0,000	0,008	0,001	FALSE
0,054	0,312	0,002	0,010	0,062	FALSE
-0,081	0,308	-0,003	0,009	0,126	FALSE
0,034	0,302	0,001	0,010	0,039	FALSE
-0,036	0,313	-0,001	0,012	0,031	FALSE
-0,064	0,295	-0,001	0,006	0,087	FALSE
0,017	0,306	0,001	0,007	0,045	FALSE
0,064	0,325	0,003	0,013	0,090	FALSE
0,024	0,300	0,002	0,011	0,051	FALSE
-0,005	0,314	0,000	0,009	0,004	FALSE
-0,087	0,303	-0,003	0,010	0,112	FALSE
0,024	0,316	0,001	0,009	0,026	FALSE
-0,032	0,306	-0,001	0,010	0,053	FALSE
-0,025	0,295	-0,001	0,007	0,036	FALSE
0,001	0,314	0,000	0,007	0,020	FALSE
-0,272	0,300	-0,011	0,012	0,445	FALSE
-0,054	0,319	-0,001	0,009	0,055	FALSE
0,025	0,303	0,001	0,007	0,045	FALSE
-0,094	0,310	-0,002	0,008	0,074	FALSE
-0,077	0,308	-0,003	0,012	0,086	FALSE
0,042	0,309	0,002	0,012	0,053	FALSE
0,114	0,303	0,003	0,008	0,152	FALSE
0,092	0,308	0,002	0,008	0,101	FALSE
0,101	0,306	0,003	0,008	0,131	FALSE
0,088	0,292	0,002	0,008	0,102	FALSE
0,100	0,293	0,002	0,008	0,125	FALSE
0,188	0,306	0,004	0,007	0,254	FALSE
0,027	0,288	0,001	0,012	0,035	FALSE
-0,042	0,310	-0,002	0,009	0,068	FALSE
-0,067	0,316	-0,002	0,006	0,100	FALSE
0,044	0,311	0,001	0,007	0,038	FALSE
-0,013	0,307	0,000	0,006	0,014	FALSE
0,000	0,321	0,000	0,014	0,003	FALSE
-0,050	0,311	-0,002	0,012	0,060	FALSE
-0,080	0,292	-0,003	0,011	0,108	FALSE
-0,073	0,295	-0,003	0,011	0,087	FALSE
-0,096	0,312	-0,002	0,009	0,103	FALSE
0,047	0,301	0,003	0,013	0,089	FALSE
0,037	0,297	0,001	0,007	0,067	FALSE
-0,028	0,324	-0,001	0,013	0,037	FALSE
-0,050	0,322	-0,002	0,009	0,062	FALSE
0,002	0,327	0,000	0,011	0,007	FALSE
-0,071	0,323	-0,002	0,009	0,072	FALSE
0,122	0,323	0,002	0,006	0,165	FALSE

-0,003	0,313	0,000	0,008	0,003	FALSE
0,049	0,295	0,002	0,011	0,055	FALSE
0,032	0,303	0,001	0,007	0,042	FALSE
-0,072	0,306	-0,004	0,013	0,123	FALSE
-0,024	0,293	-0,001	0,007	0,059	FALSE
-0,057	0,300	-0,002	0,008	0,096	FALSE
0,020	0,320	0,000	0,008	0,006	FALSE
0,118	0,302	0,003	0,009	0,139	FALSE
0,201	0,295	0,005	0,009	0,257	FALSE
-0,030	0,314	0,000	0,011	0,007	FALSE
0,157	0,304	0,006	0,013	0,206	FALSE
0,116	0,308	0,004	0,013	0,134	FALSE
0,064	0,301	0,001	0,007	0,046	FALSE
0,040	0,316	0,001	0,009	0,039	FALSE
-0,053	0,311	-0,002	0,011	0,062	FALSE
0,003	0,305	0,000	0,011	0,015	FALSE
0,108	0,310	0,003	0,009	0,112	FALSE
0,064	0,310	0,002	0,006	0,111	FALSE
0,052	0,299	0,001	0,008	0,037	FALSE
0,228	0,290	0,008	0,011	0,335	FALSE
-0,138	0,304	-0,006	0,013	0,179	FALSE
0,122	0,312	0,003	0,007	0,159	FALSE
-0,113	0,295	-0,002	0,007	0,119	FALSE
0,031	0,309	0,000	0,011	0,015	FALSE
-0,004	0,306	0,000	0,009	0,017	FALSE
0,006	0,310	0,000	0,010	0,002	FALSE
0,025	0,305	0,001	0,008	0,051	FALSE
-0,006	0,301	0,000	0,011	0,016	FALSE
0,033	0,319	0,001	0,008	0,039	FALSE
0,023	0,305	0,000	0,006	0,024	FALSE
-0,177	0,295	-0,005	0,010	0,196	FALSE
0,017	0,305	0,000	0,007	0,008	FALSE
0,083	0,304	0,002	0,006	0,124	FALSE
0,040	0,308	0,001	0,011	0,028	FALSE
-0,121	0,312	-0,003	0,007	0,165	FALSE
0,029	0,301	0,001	0,010	0,018	FALSE
-0,006	0,309	0,000	0,010	0,005	FALSE
0,010	0,296	0,000	0,013	0,013	FALSE
-0,113	0,312	-0,003	0,008	0,135	FALSE
0,067	0,304	0,003	0,013	0,099	FALSE
0,050	0,305	0,002	0,013	0,059	FALSE
0,080	0,325	0,003	0,010	0,101	FALSE
0,095	0,307	0,002	0,007	0,126	FALSE
0,007	0,295	0,001	0,011	0,033	FALSE
-0,064	0,306	-0,003	0,010	0,113	FALSE
0,046	0,306	0,002	0,013	0,053	FALSE
-0,060	0,308	-0,002	0,010	0,079	FALSE
0,013	0,301	0,000	0,009	0,011	FALSE
0,046	0,300	0,001	0,007	0,063	FALSE
-0,019	0,313	0,000	0,010	0,014	FALSE
0,008	0,317	0,001	0,013	0,013	FALSE
-0,036	0,309	0,000	0,007	0,019	FALSE
0,071	0,322	0,003	0,012	0,101	FALSE

0,020	0,322	0,001	0,009	0,026	FALSE
-0,019	0,299	-0,001	0,007	0,025	FALSE
0,084	0,310	0,003	0,012	0,107	FALSE
0,049	0,300	0,001	0,007	0,075	FALSE
-0,082	0,297	-0,003	0,011	0,111	FALSE
-0,065	0,295	-0,002	0,011	0,083	FALSE
-0,003	0,305	0,000	0,006	0,016	FALSE
0,084	0,293	0,003	0,011	0,092	FALSE
-0,137	0,306	-0,004	0,008	0,207	FALSE
0,006	0,301	0,000	0,008	0,021	FALSE
-0,030	0,307	-0,001	0,006	0,037	FALSE
0,092	0,300	0,002	0,007	0,118	FALSE
0,100	0,316	0,002	0,007	0,133	FALSE
-0,021	0,305	-0,001	0,013	0,018	FALSE
0,002	0,315	0,000	0,007	0,013	FALSE
0,044	0,321	0,001	0,008	0,046	FALSE
-0,037	0,299	-0,001	0,008	0,044	FALSE
0,132	0,300	0,007	0,012	0,227	FALSE
0,105	0,297	0,006	0,013	0,202	FALSE
-0,015	0,298	-0,001	0,009	0,027	FALSE
0,036	0,305	0,001	0,010	0,036	FALSE
-0,093	0,315	-0,004	0,013	0,130	FALSE
-0,178	0,298	-0,004	0,007	0,251	FALSE
0,037	0,308	0,001	0,012	0,032	FALSE
0,046	0,312	0,002	0,009	0,088	FALSE
0,171	0,305	0,004	0,007	0,223	FALSE
0,153	0,301	0,005	0,009	0,237	FALSE
0,086	0,310	0,002	0,007	0,124	FALSE
0,013	0,310	0,000	0,009	0,019	FALSE
0,039	0,317	0,001	0,008	0,062	FALSE
-0,090	0,298	-0,002	0,008	0,101	FALSE
-0,015	0,318	-0,001	0,013	0,023	FALSE
0,053	0,309	0,001	0,007	0,077	FALSE
-0,056	0,310	-0,002	0,011	0,075	FALSE
-0,130	0,309	-0,003	0,006	0,157	FALSE
0,068	0,295	0,003	0,008	0,121	FALSE
0,034	0,313	0,001	0,007	0,057	FALSE
-0,083	0,307	-0,002	0,008	0,108	FALSE
-0,036	0,311	-0,002	0,013	0,052	FALSE
-0,050	0,316	-0,001	0,006	0,048	FALSE
0,030	0,320	0,001	0,008	0,049	FALSE
0,075	0,298	0,004	0,012	0,115	FALSE
0,062	0,324	0,002	0,007	0,087	FALSE
0,079	0,310	0,002	0,007	0,089	FALSE
-0,001	0,297	0,000	0,012	0,005	FALSE
0,140	0,308	0,004	0,009	0,200	FALSE
0,064	0,316	0,003	0,012	0,081	FALSE
-0,003	0,308	0,000	0,012	0,010	FALSE
-0,059	0,305	-0,002	0,012	0,073	FALSE
-0,051	0,306	-0,001	0,009	0,052	FALSE
-0,001	0,296	0,000	0,008	0,017	FALSE
0,106	0,304	0,002	0,006	0,152	FALSE
0,041	0,305	0,002	0,010	0,056	FALSE

-0,119	0,301	-0,003	0,008	0,170	FALSE
0,057	0,309	0,002	0,009	0,071	FALSE
0,005	0,305	-0,001	0,010	0,035	FALSE
-0,092	0,308	-0,002	0,010	0,093	FALSE
-0,019	0,303	-0,001	0,009	0,053	FALSE
-0,078	0,299	-0,002	0,008	0,098	FALSE
-0,093	0,300	-0,004	0,010	0,144	FALSE
0,007	0,311	0,000	0,009	0,003	FALSE
0,025	0,311	0,001	0,010	0,023	FALSE
0,109	0,314	0,003	0,008	0,119	FALSE
-0,067	0,307	-0,001	0,008	0,061	FALSE
0,033	0,307	0,001	0,007	0,030	FALSE
-0,042	0,297	-0,002	0,013	0,061	FALSE
0,048	0,308	0,001	0,011	0,045	FALSE
0,060	0,299	0,002	0,012	0,058	FALSE
-0,101	0,306	-0,005	0,013	0,151	FALSE
0,037	0,303	0,001	0,012	0,028	FALSE
-0,168	0,307	-0,008	0,013	0,256	FALSE
0,091	0,313	0,004	0,012	0,129	FALSE
0,166	0,304	0,005	0,009	0,241	FALSE
0,056	0,308	0,002	0,013	0,067	FALSE
0,036	0,316	0,001	0,008	0,040	FALSE
-0,190	0,302	-0,009	0,012	0,314	FALSE
0,068	0,308	0,002	0,006	0,100	FALSE
0,114	0,312	0,003	0,008	0,157	FALSE
0,008	0,305	0,001	0,010	0,031	FALSE
-0,030	0,319	-0,001	0,011	0,040	FALSE
-0,050	0,308	-0,002	0,011	0,072	FALSE
-0,007	0,316	0,000	0,011	0,003	FALSE
0,008	0,310	0,000	0,011	0,006	FALSE
0,021	0,293	0,001	0,011	0,047	FALSE
0,085	0,307	0,003	0,009	0,105	FALSE
-0,063	0,306	-0,001	0,007	0,064	FALSE
0,051	0,313	0,002	0,013	0,059	FALSE
-0,036	0,295	-0,002	0,012	0,050	FALSE
-0,185	0,296	-0,007	0,012	0,278	FALSE
-0,168	0,301	-0,004	0,007	0,252	FALSE
0,008	0,305	0,000	0,010	0,013	FALSE
0,132	0,321	0,006	0,013	0,187	FALSE
0,064	0,296	0,002	0,010	0,085	FALSE
0,092	0,306	0,003	0,012	0,111	FALSE
0,152	0,312	0,004	0,007	0,244	FALSE
-0,030	0,302	-0,001	0,012	0,038	FALSE
0,021	0,309	0,000	0,012	0,009	FALSE
0,025	0,293	0,001	0,011	0,042	FALSE
0,031	0,300	0,000	0,008	0,011	FALSE
0,027	0,300	0,000	0,008	0,004	FALSE
-0,064	0,302	-0,002	0,011	0,073	FALSE
0,042	0,292	0,001	0,011	0,016	FALSE
-0,081	0,299	-0,004	0,012	0,132	FALSE
-0,014	0,303	0,000	0,006	0,016	FALSE
0,069	0,307	0,002	0,007	0,104	FALSE
0,049	0,304	0,001	0,007	0,044	FALSE

-0,002	0,292	0,000	0,010	0,014	FALSE
-0,070	0,303	-0,001	0,008	0,061	FALSE
0,017	0,310	0,000	0,010	0,004	FALSE
-0,090	0,296	-0,002	0,008	0,080	FALSE
0,038	0,312	0,001	0,012	0,023	FALSE
-0,046	0,306	-0,001	0,008	0,037	FALSE
0,001	0,299	0,000	0,008	0,011	FALSE
-0,115	0,292	-0,004	0,012	0,130	FALSE
-0,127	0,278	-0,004	0,012	0,145	FALSE
0,001	0,323	0,001	0,013	0,024	FALSE
-0,022	0,301	0,000	0,007	0,013	FALSE
-0,048	0,300	-0,001	0,008	0,030	FALSE
0,036	0,295	0,001	0,007	0,054	FALSE
0,030	0,289	0,001	0,011	0,038	FALSE
-0,075	0,308	-0,001	0,008	0,058	FALSE
-0,165	0,308	-0,007	0,013	0,239	FALSE
-0,164	0,307	-0,004	0,008	0,215	FALSE
-0,069	0,317	-0,003	0,009	0,114	FALSE
0,120	0,310	0,005	0,013	0,167	FALSE
0,008	0,311	0,000	0,008	0,006	FALSE
0,131	0,299	0,006	0,013	0,190	FALSE
-0,100	0,301	-0,005	0,013	0,152	FALSE
0,108	0,317	0,005	0,013	0,136	FALSE
0,215	0,295	0,008	0,011	0,323	FALSE
-0,047	0,305	-0,002	0,007	0,088	FALSE
-0,156	0,321	-0,005	0,009	0,238	FALSE
0,023	0,302	0,001	0,006	0,067	FALSE
-0,032	0,312	-0,001	0,011	0,021	FALSE
-0,031	0,318	-0,001	0,011	0,034	FALSE
-0,061	0,319	-0,002	0,010	0,061	FALSE
-0,038	0,297	-0,001	0,006	0,060	FALSE
-0,036	0,298	-0,001	0,008	0,051	FALSE
0,005	0,304	0,001	0,013	0,030	FALSE
-0,004	0,312	0,000	0,009	0,011	FALSE
-0,066	0,314	-0,002	0,006	0,102	FALSE
-0,074	0,290	-0,002	0,010	0,084	FALSE
0,142	0,301	0,005	0,011	0,179	FALSE
0,047	0,308	0,002	0,012	0,061	FALSE
0,063	0,305	0,003	0,012	0,088	FALSE
-0,073	0,313	-0,002	0,007	0,079	FALSE
-0,081	0,309	-0,002	0,010	0,074	FALSE
-0,013	0,306	0,000	0,011	0,012	FALSE
-0,013	0,309	0,000	0,011	0,010	FALSE
-0,148	0,302	-0,005	0,010	0,214	FALSE
-0,176	0,295	-0,005	0,008	0,288	FALSE
0,034	0,306	0,002	0,010	0,061	FALSE
-0,054	0,319	-0,001	0,006	0,073	FALSE
0,015	0,300	0,000	0,008	0,018	FALSE
0,027	0,302	0,000	0,009	0,012	FALSE
0,031	0,296	0,000	0,009	0,012	FALSE
0,106	0,317	0,004	0,010	0,165	FALSE
0,165	0,309	0,005	0,010	0,220	FALSE
0,120	0,294	0,004	0,011	0,154	FALSE

0,070	0,325	0,003	0,011	0,104	FALSE
-0,115	0,316	-0,003	0,007	0,149	FALSE
-0,126	0,302	-0,002	0,006	0,142	FALSE
-0,130	0,311	-0,003	0,006	0,166	FALSE
0,047	0,298	0,002	0,010	0,076	FALSE
-0,027	0,324	-0,001	0,012	0,019	FALSE
-0,108	0,307	-0,003	0,007	0,133	FALSE
-0,096	0,305	-0,004	0,012	0,131	FALSE
0,151	0,292	0,003	0,008	0,169	FALSE
0,021	0,300	0,000	0,011	0,013	FALSE
-0,048	0,291	-0,002	0,009	0,092	FALSE
0,082	0,316	0,004	0,010	0,145	FALSE
0,106	0,303	0,003	0,008	0,144	FALSE
-0,083	0,295	-0,002	0,007	0,110	FALSE
-0,042	0,298	-0,001	0,008	0,038	FALSE
0,080	0,297	0,003	0,011	0,095	FALSE
-0,089	0,293	-0,004	0,012	0,130	FALSE
0,053	0,299	0,002	0,010	0,076	FALSE
0,076	0,306	0,003	0,011	0,088	FALSE
0,074	0,301	0,001	0,006	0,084	FALSE
0,016	0,291	-0,001	0,012	0,020	FALSE
-0,045	0,309	-0,001	0,007	0,063	FALSE
-0,020	0,314	-0,001	0,009	0,028	FALSE
0,146	0,305	0,006	0,010	0,248	FALSE
0,139	0,294	0,006	0,010	0,258	FALSE
0,015	0,312	0,000	0,009	0,017	FALSE
0,036	0,305	0,002	0,012	0,060	FALSE
-0,097	0,302	-0,003	0,008	0,144	FALSE
0,132	0,309	0,003	0,008	0,182	FALSE
0,091	0,296	0,002	0,009	0,075	FALSE
-0,026	0,290	-0,002	0,011	0,068	FALSE
-0,002	0,305	0,000	0,007	0,010	FALSE
0,201	0,310	0,004	0,006	0,273	FALSE
0,004	0,315	0,000	0,007	0,004	FALSE
-0,020	0,309	-0,001	0,013	0,018	FALSE
-0,087	0,308	-0,002	0,010	0,098	FALSE
-0,040	0,309	-0,001	0,012	0,039	FALSE
0,142	0,307	0,006	0,012	0,207	FALSE
0,044	0,317	0,001	0,008	0,040	FALSE
-0,113	0,301	-0,004	0,010	0,179	FALSE
-0,057	0,304	-0,001	0,007	0,035	FALSE
0,027	0,309	0,001	0,007	0,058	FALSE
0,119	0,298	0,006	0,012	0,197	FALSE
-0,045	0,304	-0,002	0,012	0,066	FALSE
-0,070	0,294	-0,002	0,010	0,075	FALSE
0,018	0,309	0,001	0,008	0,030	FALSE
-0,013	0,302	-0,001	0,007	0,026	FALSE
-0,141	0,310	-0,005	0,010	0,212	FALSE
-0,011	0,313	-0,001	0,013	0,025	FALSE
-0,045	0,300	-0,002	0,012	0,074	FALSE
0,031	0,304	0,000	0,007	0,011	FALSE
-0,116	0,319	-0,003	0,007	0,157	FALSE
0,033	0,298	0,002	0,008	0,079	FALSE

0,006	0,318	0,000	0,011	0,005	FALSE
-0,075	0,299	-0,003	0,012	0,095	FALSE
-0,011	0,312	0,000	0,009	0,014	FALSE
-0,095	0,317	-0,004	0,013	0,116	FALSE
-0,070	0,307	-0,003	0,012	0,083	FALSE
-0,058	0,313	-0,002	0,012	0,075	FALSE
0,149	0,308	0,004	0,009	0,188	FALSE
0,126	0,292	0,003	0,009	0,158	FALSE
-0,129	0,313	-0,004	0,009	0,193	TRUE
0,047	0,301	0,001	0,008	0,065	FALSE
0,054	0,310	0,001	0,007	0,068	FALSE
-0,080	0,302	-0,002	0,009	0,081	FALSE
-0,089	0,316	-0,003	0,010	0,112	FALSE
-0,146	0,298	-0,004	0,008	0,211	FALSE
0,131	0,304	0,004	0,009	0,183	FALSE
-0,154	0,296	-0,006	0,010	0,239	FALSE
-0,039	0,315	-0,001	0,012	0,038	FALSE
0,044	0,304	0,001	0,007	0,059	FALSE
0,055	0,306	0,001	0,007	0,064	FALSE
0,029	0,317	0,000	0,013	0,012	FALSE
-0,085	0,303	-0,003	0,011	0,092	FALSE
-0,010	0,301	-0,001	0,008	0,037	FALSE
0,047	0,298	0,001	0,010	0,052	FALSE
-0,056	0,300	-0,001	0,007	0,075	FALSE
-0,067	0,300	-0,002	0,008	0,091	FALSE
-0,076	0,301	-0,001	0,007	0,077	FALSE
-0,111	0,311	-0,003	0,011	0,095	FALSE
0,072	0,320	0,002	0,008	0,088	FALSE
0,008	0,301	-0,001	0,008	0,036	FALSE
-0,132	0,295	-0,003	0,006	0,180	FALSE
0,048	0,289	0,001	0,009	0,051	FALSE
-0,155	0,303	-0,006	0,011	0,249	FALSE
-0,107	0,290	-0,002	0,007	0,115	FALSE
-0,062	0,306	-0,002	0,009	0,070	FALSE
0,151	0,315	0,005	0,010	0,214	FALSE
-0,128	0,292	-0,003	0,006	0,169	FALSE
0,029	0,304	0,001	0,008	0,061	FALSE
0,059	0,301	0,002	0,007	0,082	FALSE
-0,136	0,301	-0,005	0,010	0,201	FALSE
0,105	0,290	0,005	0,012	0,158	FALSE
0,051	0,312	0,002	0,011	0,059	FALSE
0,114	0,293	0,003	0,009	0,150	FALSE
-0,001	0,307	0,000	0,009	0,007	FALSE
-0,205	0,286	-0,008	0,011	0,336	FALSE
-0,086	0,315	-0,002	0,008	0,088	FALSE
0,038	0,308	0,001	0,009	0,048	FALSE
0,102	0,308	0,005	0,013	0,154	FALSE
-0,076	0,326	-0,002	0,007	0,083	FALSE
-0,100	0,307	-0,002	0,006	0,116	FALSE
-0,025	0,303	-0,002	0,012	0,051	FALSE
-0,203	0,299	-0,009	0,012	0,344	FALSE
0,061	0,316	0,002	0,010	0,082	FALSE
-0,021	0,306	-0,001	0,009	0,027	FALSE

-0,050	0,302	-0,002	0,009	0,065	FALSE
-0,036	0,294	0,000	0,012	0,014	FALSE
0,002	0,285	0,001	0,012	0,023	FALSE
0,021	0,313	0,000	0,008	0,014	FALSE
0,086	0,314	0,002	0,011	0,080	FALSE
0,079	0,294	0,002	0,009	0,103	FALSE
-0,062	0,310	-0,001	0,008	0,061	FALSE
-0,016	0,309	0,000	0,011	0,012	FALSE
0,037	0,305	0,001	0,008	0,065	FALSE
0,003	0,280	0,002	0,011	0,062	FALSE
0,072	0,295	0,003	0,011	0,098	FALSE
-0,013	0,308	0,000	0,008	0,013	FALSE
-0,005	0,306	-0,001	0,010	0,027	FALSE
-0,022	0,325	-0,001	0,011	0,042	FALSE
-0,140	0,310	-0,006	0,013	0,180	FALSE
0,015	0,309	0,000	0,012	0,005	FALSE
0,065	0,301	0,001	0,007	0,065	FALSE
0,214	0,304	0,008	0,012	0,296	FALSE
-0,063	0,303	-0,001	0,006	0,085	FALSE
-0,041	0,312	-0,002	0,011	0,061	FALSE
0,010	0,305	0,001	0,010	0,053	FALSE
-0,056	0,311	-0,002	0,013	0,060	FALSE
0,120	0,316	0,002	0,007	0,118	FALSE
0,033	0,310	0,001	0,007	0,038	FALSE
-0,021	0,317	-0,001	0,008	0,031	FALSE
-0,033	0,307	-0,001	0,007	0,025	FALSE
-0,039	0,297	-0,001	0,008	0,054	FALSE
0,062	0,316	0,003	0,013	0,081	FALSE
-0,040	0,318	-0,001	0,010	0,051	FALSE
0,115	0,320	0,002	0,007	0,125	FALSE
0,000	0,307	0,000	0,007	0,007	FALSE
0,100	0,307	0,003	0,008	0,146	FALSE
-0,048	0,299	-0,002	0,009	0,077	FALSE
-0,041	0,305	-0,002	0,010	0,064	FALSE
-0,031	0,302	-0,002	0,009	0,069	FALSE
0,062	0,307	0,003	0,012	0,109	FALSE
0,014	0,317	0,001	0,013	0,037	FALSE
0,072	0,299	0,003	0,010	0,113	FALSE
0,013	0,314	0,001	0,011	0,029	FALSE
0,091	0,315	0,003	0,012	0,114	FALSE
-0,063	0,303	-0,002	0,008	0,082	FALSE
0,166	0,310	0,007	0,012	0,241	FALSE
-0,026	0,303	-0,001	0,008	0,051	FALSE
-0,015	0,306	0,000	0,007	0,018	FALSE
-0,067	0,302	-0,002	0,008	0,079	FALSE
-0,009	0,315	0,000	0,010	0,005	FALSE
-0,096	0,309	-0,003	0,013	0,103	FALSE
0,025	0,298	0,000	0,008	0,011	FALSE
-0,039	0,301	-0,002	0,011	0,061	FALSE
-0,097	0,314	-0,002	0,008	0,096	FALSE
0,015	0,316	0,002	0,013	0,047	FALSE
-0,003	0,330	0,000	0,007	0,007	FALSE
-0,024	0,308	-0,001	0,008	0,037	FALSE

0,173	0,309	0,006	0,011	0,248	FALSE
0,055	0,326	0,001	0,007	0,061	FALSE
0,179	0,303	0,007	0,011	0,243	FALSE
-0,013	0,318	0,000	0,007	0,002	FALSE
0,014	0,312	0,001	0,007	0,034	FALSE
-0,040	0,318	-0,001	0,007	0,058	FALSE
-0,070	0,314	-0,002	0,007	0,108	FALSE
0,020	0,312	0,000	0,009	0,016	FALSE
-0,007	0,323	0,000	0,008	0,007	FALSE
0,006	0,299	0,000	0,007	0,016	FALSE
-0,015	0,287	0,000	0,008	0,003	FALSE
-0,180	0,319	-0,005	0,009	0,249	FALSE
0,004	0,313	0,000	0,007	0,001	FALSE
-0,041	0,311	-0,001	0,008	0,066	FALSE
0,005	0,319	0,001	0,009	0,021	FALSE
-0,038	0,304	-0,001	0,008	0,054	FALSE
-0,069	0,314	-0,002	0,007	0,098	FALSE
0,046	0,309	0,002	0,013	0,060	FALSE
-0,110	0,309	-0,004	0,012	0,130	FALSE
0,128	0,312	0,005	0,011	0,191	FALSE
-0,046	0,315	-0,001	0,008	0,028	FALSE
-0,074	0,309	-0,003	0,009	0,117	FALSE
0,112	0,308	0,005	0,013	0,144	FALSE
-0,002	0,297	0,000	0,010	0,018	FALSE
0,051	0,313	0,001	0,008	0,045	FALSE
0,066	0,304	0,002	0,007	0,135	FALSE
-0,157	0,313	-0,007	0,012	0,255	FALSE
-0,172	0,307	-0,007	0,013	0,230	FALSE
0,023	0,305	0,001	0,013	0,017	FALSE
-0,104	0,285	-0,004	0,010	0,164	FALSE
0,064	0,296	0,001	0,009	0,060	FALSE
-0,060	0,294	-0,002	0,008	0,114	FALSE
0,057	0,310	0,002	0,006	0,097	FALSE
-0,065	0,292	-0,003	0,008	0,131	FALSE
-0,083	0,303	-0,003	0,011	0,109	FALSE
-0,049	0,312	-0,003	0,012	0,086	FALSE
-0,052	0,304	-0,003	0,011	0,096	FALSE
-0,025	0,314	0,000	0,010	0,007	FALSE
0,144	0,302	0,005	0,010	0,193	FALSE
-0,046	0,303	-0,001	0,008	0,052	FALSE
0,002	0,314	0,000	0,012	0,006	FALSE
0,071	0,297	0,002	0,008	0,103	FALSE
-0,013	0,307	0,000	0,007	0,017	FALSE
-0,056	0,325	-0,002	0,010	0,056	FALSE
-0,050	0,305	-0,002	0,010	0,076	FALSE
-0,011	0,311	0,000	0,007	0,011	FALSE
0,043	0,303	0,001	0,009	0,053	FALSE
0,042	0,301	0,001	0,008	0,054	FALSE
-0,056	0,305	-0,002	0,010	0,072	FALSE
0,035	0,304	0,001	0,011	0,037	FALSE
-0,027	0,313	-0,001	0,013	0,043	FALSE
0,015	0,326	0,001	0,009	0,024	FALSE
0,035	0,303	0,001	0,007	0,037	FALSE

0,018	0,319	0,000	0,009	0,020	FALSE
0,032	0,297	0,001	0,008	0,024	FALSE
0,093	0,305	0,002	0,006	0,107	FALSE
-0,105	0,303	-0,003	0,009	0,109	FALSE
-0,046	0,297	-0,001	0,009	0,059	FALSE
-0,035	0,320	-0,001	0,008	0,039	FALSE
-0,080	0,317	-0,002	0,008	0,103	FALSE
-0,186	0,316	-0,008	0,013	0,274	FALSE
-0,150	0,294	-0,006	0,012	0,217	FALSE
0,133	0,293	0,003	0,007	0,169	FALSE
0,022	0,317	0,000	0,006	0,009	FALSE
0,074	0,311	0,002	0,013	0,067	FALSE
0,125	0,305	0,003	0,006	0,166	FALSE
-0,064	0,303	-0,001	0,007	0,057	FALSE
-0,067	0,309	-0,002	0,012	0,070	FALSE
-0,143	0,314	-0,006	0,013	0,204	FALSE
-0,023	0,314	-0,001	0,012	0,018	FALSE
-0,079	0,315	-0,003	0,011	0,094	FALSE
-0,045	0,323	-0,002	0,012	0,054	FALSE
-0,104	0,310	-0,002	0,007	0,138	FALSE
0,015	0,320	0,000	0,011	0,001	FALSE
-0,034	0,319	-0,001	0,008	0,024	FALSE
-0,069	0,307	-0,002	0,008	0,099	FALSE
-0,075	0,322	-0,002	0,008	0,092	FALSE
-0,004	0,300	0,000	0,007	0,009	FALSE
-0,106	0,289	-0,002	0,007	0,135	FALSE
-0,063	0,311	-0,002	0,012	0,065	FALSE
-0,101	0,309	-0,002	0,008	0,104	FALSE
-0,023	0,303	-0,001	0,012	0,031	FALSE
0,020	0,316	0,000	0,010	0,013	FALSE
0,043	0,308	0,002	0,011	0,056	FALSE
0,097	0,310	0,004	0,013	0,142	FALSE
-0,030	0,301	-0,002	0,011	0,053	FALSE
-0,006	0,321	0,000	0,007	0,000	FALSE
-0,075	0,305	-0,003	0,009	0,102	FALSE
-0,034	0,312	-0,002	0,013	0,072	FALSE
0,036	0,306	0,001	0,008	0,026	FALSE
0,005	0,300	0,000	0,007	0,007	FALSE
0,007	0,304	-0,001	0,007	0,028	FALSE
-0,112	0,305	-0,002	0,006	0,123	FALSE
-0,075	0,296	-0,001	0,008	0,061	FALSE
-0,151	0,302	-0,005	0,010	0,232	FALSE
0,009	0,308	0,000	0,008	0,019	FALSE
0,031	0,300	0,001	0,009	0,041	FALSE
0,053	0,303	0,001	0,009	0,059	FALSE
-0,004	0,317	0,000	0,007	0,005	FALSE
-0,032	0,310	0,000	0,007	0,006	FALSE
0,152	0,313	0,003	0,006	0,235	FALSE
-0,077	0,299	-0,002	0,009	0,085	FALSE
0,110	0,300	0,004	0,010	0,143	FALSE
0,160	0,302	0,006	0,010	0,252	FALSE
-0,016	0,301	-0,001	0,007	0,045	FALSE
-0,089	0,306	-0,003	0,011	0,127	FALSE

0,084	0,293	0,004	0,012	0,126	FALSE
0,145	0,299	0,005	0,009	0,231	FALSE
-0,021	0,319	0,000	0,007	0,018	FALSE
0,130	0,304	0,004	0,008	0,238	FALSE
0,062	0,307	0,002	0,009	0,066	FALSE
0,069	0,302	0,002	0,008	0,107	FALSE
-0,037	0,296	-0,001	0,009	0,021	FALSE
0,103	0,306	0,002	0,007	0,128	FALSE
0,072	0,302	0,003	0,012	0,101	FALSE
-0,010	0,302	-0,001	0,012	0,025	FALSE
0,056	0,295	0,001	0,009	0,051	FALSE
-0,054	0,301	-0,001	0,007	0,063	FALSE
0,073	0,311	0,002	0,008	0,070	FALSE
-0,055	0,312	-0,002	0,008	0,092	FALSE
-0,025	0,299	-0,002	0,011	0,062	FALSE
0,002	0,309	0,000	0,010	0,011	FALSE
0,014	0,295	0,000	0,011	0,001	FALSE
0,022	0,305	0,000	0,011	0,001	FALSE
-0,009	0,302	0,000	0,007	0,007	FALSE
0,058	0,312	0,002	0,010	0,056	FALSE
0,009	0,313	0,000	0,010	0,007	FALSE
-0,054	0,323	-0,002	0,013	0,056	FALSE
-0,092	0,316	-0,002	0,007	0,085	FALSE
0,125	0,317	0,005	0,012	0,151	FALSE
-0,068	0,306	-0,002	0,009	0,094	FALSE
-0,006	0,303	0,000	0,012	0,009	FALSE
0,057	0,308	0,001	0,010	0,042	FALSE
-0,100	0,303	-0,002	0,006	0,135	FALSE
-0,099	0,322	-0,002	0,008	0,115	FALSE
-0,003	0,297	0,000	0,012	0,002	FALSE
0,008	0,310	0,000	0,009	0,003	FALSE
-0,073	0,292	-0,002	0,009	0,095	FALSE
-0,083	0,292	-0,003	0,008	0,151	FALSE
-0,089	0,303	-0,003	0,008	0,156	FALSE
-0,042	0,303	-0,002	0,008	0,076	FALSE
0,014	0,313	0,000	0,007	0,017	FALSE
-0,052	0,300	-0,002	0,010	0,071	FALSE
-0,058	0,312	-0,002	0,012	0,056	FALSE
-0,146	0,306	-0,005	0,010	0,189	FALSE
0,039	0,318	0,001	0,008	0,041	FALSE
0,077	0,303	0,001	0,007	0,067	FALSE
-0,135	0,322	-0,005	0,012	0,161	FALSE
0,057	0,323	0,001	0,007	0,057	FALSE
-0,029	0,308	-0,001	0,010	0,044	FALSE
-0,007	0,310	0,000	0,008	0,013	FALSE
0,027	0,321	0,000	0,012	0,014	FALSE
-0,036	0,320	-0,001	0,011	0,043	FALSE
0,138	0,281	0,005	0,010	0,209	FALSE
0,160	0,288	0,006	0,010	0,242	FALSE
0,231	0,280	0,009	0,013	0,325	FALSE
0,098	0,297	0,002	0,007	0,135	FALSE
-0,014	0,309	-0,001	0,007	0,040	FALSE
-0,060	0,304	-0,001	0,006	0,067	FALSE

0,028	0,310	0,001	0,010	0,033	FALSE
-0,023	0,295	-0,002	0,011	0,069	FALSE
0,026	0,300	0,001	0,010	0,038	FALSE
-0,057	0,296	-0,002	0,012	0,050	FALSE
-0,043	0,316	-0,001	0,008	0,048	FALSE
0,047	0,317	0,001	0,010	0,022	FALSE
0,023	0,320	0,001	0,012	0,027	FALSE
-0,063	0,306	-0,003	0,012	0,102	FALSE
-0,017	0,306	-0,001	0,012	0,035	FALSE
-0,019	0,323	0,000	0,007	0,018	FALSE
-0,091	0,307	-0,003	0,009	0,134	FALSE
-0,026	0,298	-0,001	0,010	0,046	FALSE
-0,018	0,309	-0,002	0,013	0,052	FALSE
-0,030	0,303	-0,001	0,007	0,039	FALSE
0,034	0,313	0,001	0,010	0,047	FALSE
0,075	0,312	0,002	0,009	0,078	FALSE
0,012	0,320	0,000	0,010	0,014	FALSE
-0,027	0,289	-0,002	0,012	0,056	FALSE
0,053	0,311	0,002	0,010	0,087	FALSE
0,219	0,289	0,008	0,010	0,348	FALSE
-0,041	0,301	-0,002	0,010	0,086	FALSE
-0,152	0,299	-0,004	0,007	0,237	FALSE
0,002	0,298	0,000	0,007	0,012	FALSE
-0,143	0,306	-0,006	0,013	0,186	FALSE
0,164	0,307	0,006	0,011	0,217	FALSE
0,022	0,307	0,000	0,008	0,022	FALSE
-0,055	0,303	-0,003	0,013	0,084	FALSE
-0,057	0,300	-0,003	0,010	0,097	FALSE
0,050	0,315	0,002	0,013	0,071	FALSE
0,021	0,303	0,001	0,012	0,026	FALSE
-0,124	0,323	-0,003	0,008	0,169	FALSE
-0,022	0,314	-0,001	0,012	0,021	FALSE
-0,005	0,302	0,000	0,012	0,003	FALSE
0,085	0,325	0,003	0,010	0,114	FALSE
0,094	0,316	0,001	0,006	0,080	FALSE
-0,014	0,302	0,000	0,012	0,009	FALSE
0,133	0,296	0,006	0,012	0,189	FALSE
-0,021	0,307	0,000	0,007	0,001	FALSE
-0,011	0,298	0,000	0,006	0,007	FALSE
-0,090	0,318	-0,003	0,011	0,099	FALSE
0,003	0,297	0,000	0,006	0,022	FALSE
0,113	0,301	0,003	0,007	0,156	FALSE
0,087	0,323	0,004	0,011	0,131	FALSE
-0,060	0,302	-0,001	0,007	0,052	FALSE
-0,164	0,297	-0,004	0,008	0,209	FALSE
0,075	0,314	0,002	0,007	0,124	FALSE
-0,084	0,301	-0,002	0,007	0,110	FALSE
0,108	0,313	0,003	0,008	0,154	FALSE
-0,008	0,313	0,000	0,006	0,011	FALSE
-0,019	0,313	-0,001	0,013	0,039	FALSE
0,020	0,311	0,000	0,012	0,012	FALSE
-0,156	0,305	-0,007	0,013	0,243	FALSE
0,042	0,314	0,001	0,011	0,046	FALSE

-0,067	0,304	-0,002	0,011	0,054	FALSE
0,008	0,320	0,000	0,013	0,010	FALSE
0,052	0,313	0,001	0,013	0,036	FALSE
-0,132	0,305	-0,005	0,012	0,171	FALSE
0,041	0,303	0,001	0,007	0,060	FALSE
-0,062	0,311	-0,003	0,012	0,087	FALSE
0,056	0,309	0,002	0,010	0,066	FALSE
-0,085	0,322	-0,003	0,012	0,103	FALSE
0,030	0,309	0,001	0,008	0,034	FALSE
-0,074	0,311	-0,003	0,011	0,105	FALSE
-0,026	0,305	-0,001	0,012	0,015	FALSE
-0,072	0,316	-0,001	0,007	0,068	FALSE
0,042	0,309	0,001	0,008	0,054	FALSE
-0,056	0,316	-0,003	0,012	0,085	FALSE
0,062	0,312	0,002	0,012	0,063	FALSE
0,082	0,302	0,003	0,010	0,097	FALSE
0,075	0,313	0,003	0,010	0,116	FALSE
0,075	0,310	0,003	0,009	0,115	FALSE
0,043	0,313	0,002	0,009	0,067	FALSE
0,050	0,309	0,002	0,010	0,068	FALSE
-0,027	0,303	-0,001	0,012	0,031	FALSE
0,036	0,307	0,002	0,010	0,061	FALSE
-0,028	0,307	0,000	0,012	0,007	FALSE
-0,063	0,305	-0,002	0,012	0,057	FALSE
-0,073	0,302	-0,002	0,008	0,087	FALSE
0,030	0,311	0,001	0,009	0,032	FALSE
-0,023	0,311	-0,001	0,013	0,036	FALSE
0,015	0,318	0,000	0,013	0,005	FALSE
-0,010	0,302	-0,001	0,012	0,023	FALSE
-0,052	0,296	-0,002	0,011	0,057	FALSE
0,169	0,288	0,004	0,008	0,243	FALSE
0,028	0,299	0,001	0,010	0,056	FALSE
-0,036	0,315	-0,001	0,009	0,035	FALSE
-0,070	0,318	-0,002	0,008	0,100	FALSE
-0,076	0,311	-0,002	0,008	0,101	FALSE
-0,067	0,312	-0,002	0,008	0,084	FALSE
-0,071	0,298	-0,002	0,007	0,104	FALSE
0,048	0,314	0,002	0,007	0,089	FALSE
-0,013	0,310	-0,001	0,011	0,021	FALSE
0,127	0,294	0,006	0,013	0,206	FALSE
0,202	0,291	0,009	0,012	0,342	FALSE
0,220	0,308	0,008	0,011	0,327	FALSE
0,166	0,303	0,005	0,008	0,273	FALSE
0,019	0,320	0,000	0,013	0,005	FALSE
0,010	0,304	0,000	0,006	0,024	FALSE
0,010	0,311	0,001	0,011	0,038	FALSE
0,133	0,311	0,006	0,012	0,233	FALSE
0,083	0,312	0,002	0,007	0,118	FALSE
-0,085	0,295	-0,003	0,012	0,089	FALSE
-0,215	0,297	-0,005	0,008	0,309	FALSE
-0,006	0,316	-0,001	0,009	0,029	FALSE
0,048	0,311	0,002	0,008	0,077	FALSE
-0,030	0,310	-0,001	0,009	0,027	FALSE

0,008	0,308	0,001	0,012	0,015	FALSE
-0,218	0,303	-0,006	0,009	0,307	FALSE
-0,205	0,305	-0,005	0,008	0,293	FALSE
0,055	0,304	0,001	0,008	0,058	FALSE
-0,188	0,299	-0,008	0,013	0,278	FALSE
0,109	0,301	0,003	0,008	0,148	FALSE
0,016	0,311	0,000	0,007	0,009	FALSE
0,048	0,320	0,002	0,009	0,063	FALSE
-0,115	0,300	-0,004	0,009	0,164	FALSE
-0,124	0,297	-0,003	0,010	0,122	FALSE
0,112	0,302	0,004	0,012	0,155	FALSE
0,077	0,311	0,002	0,009	0,091	FALSE
-0,107	0,303	-0,003	0,007	0,146	FALSE
-0,123	0,298	-0,003	0,008	0,159	FALSE
0,025	0,305	0,000	0,007	0,014	FALSE
-0,033	0,302	-0,002	0,012	0,049	FALSE
0,008	0,315	0,000	0,009	0,007	FALSE
-0,043	0,303	-0,001	0,011	0,051	FALSE
0,037	0,308	0,001	0,007	0,065	FALSE
0,107	0,303	0,003	0,007	0,145	FALSE
-0,002	0,306	0,000	0,007	0,018	FALSE
0,175	0,297	0,005	0,009	0,261	FALSE
-0,046	0,311	-0,002	0,013	0,061	FALSE
0,162	0,314	0,005	0,009	0,220	FALSE
0,035	0,310	0,001	0,009	0,029	FALSE
0,083	0,314	0,002	0,007	0,116	FALSE
-0,021	0,296	0,000	0,007	0,023	FALSE
0,055	0,315	0,003	0,013	0,083	FALSE
-0,033	0,308	-0,002	0,012	0,072	FALSE
0,064	0,309	0,003	0,012	0,111	FALSE
0,022	0,305	0,001	0,011	0,048	FALSE
0,063	0,308	0,002	0,010	0,069	FALSE
0,079	0,318	0,002	0,007	0,112	FALSE
-0,085	0,320	-0,003	0,010	0,100	FALSE
-0,088	0,299	-0,004	0,013	0,109	FALSE
0,031	0,302	0,001	0,008	0,046	FALSE
0,015	0,325	0,001	0,011	0,024	FALSE
-0,210	0,299	-0,006	0,009	0,298	FALSE
0,085	0,308	0,002	0,007	0,102	FALSE
-0,148	0,311	-0,004	0,009	0,195	FALSE
0,001	0,311	0,000	0,010	0,004	FALSE
0,083	0,293	0,001	0,006	0,089	FALSE
0,211	0,297	0,009	0,012	0,316	FALSE
-0,120	0,309	-0,005	0,012	0,150	FALSE
-0,144	0,302	-0,005	0,010	0,206	FALSE
0,246	0,292	0,008	0,009	0,376	FALSE
-0,029	0,318	-0,001	0,009	0,044	FALSE
0,069	0,311	0,002	0,010	0,064	FALSE
0,104	0,311	0,003	0,010	0,133	FALSE
-0,005	0,320	0,000	0,011	0,003	FALSE
0,048	0,303	0,001	0,007	0,072	FALSE
-0,012	0,309	0,000	0,006	0,000	FALSE
-0,005	0,309	0,000	0,010	0,016	FALSE

-0,045	0,323	-0,002	0,013	0,065	FALSE
-0,014	0,307	0,000	0,010	0,010	FALSE
0,029	0,311	0,001	0,012	0,020	FALSE
-0,076	0,298	-0,002	0,009	0,096	FALSE
0,033	0,307	0,001	0,012	0,038	FALSE
0,022	0,311	0,000	0,013	0,009	FALSE
-0,095	0,309	-0,002	0,007	0,119	FALSE
0,016	0,316	0,001	0,013	0,021	FALSE
0,006	0,315	0,000	0,011	0,002	FALSE
-0,110	0,308	-0,002	0,006	0,147	FALSE
-0,035	0,322	-0,001	0,009	0,043	FALSE
0,092	0,308	0,003	0,011	0,101	FALSE
0,053	0,302	0,002	0,013	0,061	FALSE
0,037	0,310	0,001	0,009	0,053	FALSE
-0,073	0,316	-0,002	0,007	0,105	FALSE
0,156	0,308	0,006	0,011	0,233	FALSE
0,218	0,294	0,008	0,010	0,350	FALSE
0,028	0,321	0,000	0,008	0,005	FALSE
-0,048	0,315	-0,002	0,008	0,085	FALSE
-0,116	0,293	-0,006	0,012	0,187	FALSE
0,066	0,293	0,002	0,008	0,115	FALSE
0,011	0,310	0,000	0,007	0,014	FALSE
-0,088	0,305	-0,002	0,007	0,095	FALSE
-0,040	0,315	-0,001	0,009	0,027	FALSE
0,039	0,316	0,001	0,009	0,022	FALSE
-0,049	0,315	-0,002	0,011	0,058	FALSE
0,026	0,303	0,001	0,009	0,051	FALSE
-0,007	0,315	0,000	0,011	0,015	FALSE
-0,025	0,302	-0,001	0,009	0,031	FALSE
-0,108	0,301	-0,004	0,010	0,161	FALSE
-0,068	0,304	-0,002	0,007	0,092	FALSE
-0,002	0,294	-0,001	0,009	0,043	FALSE
-0,049	0,312	-0,001	0,010	0,057	FALSE
0,080	0,306	0,003	0,013	0,106	FALSE
0,016	0,287	0,001	0,010	0,027	FALSE
0,144	0,298	0,004	0,007	0,212	FALSE
0,011	0,305	0,001	0,012	0,037	FALSE
-0,037	0,304	-0,001	0,010	0,030	FALSE
0,001	0,297	0,001	0,012	0,021	FALSE
-0,042	0,317	-0,001	0,013	0,037	FALSE
0,006	0,296	0,001	0,008	0,035	FALSE
0,075	0,302	0,003	0,010	0,098	FALSE
-0,066	0,313	-0,002	0,006	0,098	FALSE
-0,038	0,296	-0,001	0,007	0,073	FALSE
-0,076	0,310	-0,002	0,008	0,082	FALSE
0,191	0,304	0,008	0,012	0,301	FALSE
0,161	0,310	0,007	0,012	0,244	FALSE
-0,108	0,304	-0,005	0,013	0,147	FALSE
0,025	0,304	0,001	0,008	0,042	FALSE
-0,023	0,313	-0,002	0,011	0,051	FALSE
0,011	0,290	0,000	0,009	0,007	FALSE
0,084	0,302	0,003	0,008	0,132	FALSE
-0,084	0,300	-0,002	0,009	0,088	FALSE

-0,033	0,316	-0,001	0,012	0,036	FALSE
-0,054	0,313	-0,001	0,009	0,045	FALSE
-0,004	0,301	0,000	0,007	0,024	FALSE
-0,192	0,313	-0,009	0,013	0,308	FALSE
0,039	0,310	0,001	0,009	0,033	FALSE
-0,147	0,300	-0,003	0,007	0,205	FALSE
-0,041	0,306	0,000	0,008	0,020	FALSE
0,096	0,303	0,004	0,013	0,118	FALSE
-0,071	0,326	-0,003	0,013	0,099	FALSE
0,000	0,287	-0,001	0,010	0,018	FALSE
0,011	0,285	0,001	0,012	0,037	FALSE
-0,085	0,307	-0,002	0,007	0,106	FALSE
-0,087	0,315	-0,002	0,008	0,099	FALSE
-0,055	0,310	-0,001	0,007	0,077	FALSE
0,111	0,300	0,003	0,010	0,142	FALSE
0,131	0,299	0,002	0,007	0,144	FALSE
0,026	0,314	0,001	0,009	0,039	FALSE
0,058	0,311	0,002	0,012	0,065	FALSE
-0,013	0,310	0,000	0,012	0,002	FALSE
-0,029	0,305	-0,001	0,012	0,023	FALSE
-0,026	0,305	-0,001	0,011	0,019	FALSE
-0,014	0,324	0,000	0,010	0,004	FALSE
-0,026	0,323	0,000	0,010	0,010	FALSE
-0,003	0,304	-0,001	0,013	0,022	FALSE
0,050	0,299	0,002	0,011	0,075	FALSE
-0,066	0,302	-0,002	0,006	0,111	FALSE
-0,086	0,290	-0,002	0,007	0,123	FALSE
0,020	0,312	0,000	0,006	0,002	FALSE
-0,020	0,300	0,000	0,006	0,024	FALSE
-0,021	0,300	-0,001	0,006	0,029	FALSE
0,082	0,314	0,003	0,012	0,109	FALSE
-0,123	0,296	-0,004	0,012	0,137	FALSE
0,054	0,317	0,001	0,010	0,047	FALSE
-0,029	0,309	-0,001	0,010	0,032	FALSE
0,029	0,302	0,001	0,006	0,043	FALSE
-0,047	0,310	-0,002	0,011	0,068	FALSE
0,049	0,308	0,002	0,013	0,055	FALSE
0,085	0,296	0,003	0,008	0,139	FALSE
0,021	0,286	0,000	0,009	0,007	FALSE
0,152	0,289	0,006	0,012	0,212	FALSE
0,060	0,301	0,002	0,011	0,065	FALSE
-0,061	0,300	-0,002	0,011	0,078	FALSE
0,073	0,305	0,002	0,010	0,093	FALSE
-0,037	0,312	-0,001	0,009	0,046	FALSE
-0,017	0,321	0,000	0,013	0,007	FALSE
0,045	0,298	0,001	0,008	0,066	FALSE
-0,198	0,285	-0,008	0,012	0,307	FALSE
0,119	0,302	0,004	0,013	0,137	FALSE
0,143	0,307	0,005	0,010	0,206	FALSE
0,110	0,306	0,004	0,013	0,131	FALSE
0,055	0,287	0,002	0,007	0,086	FALSE
0,107	0,319	0,005	0,013	0,159	FALSE
0,077	0,309	0,002	0,012	0,059	FALSE

0,122	0,297	0,006	0,013	0,198	FALSE
-0,122	0,291	-0,005	0,012	0,184	FALSE
-0,110	0,304	-0,005	0,013	0,158	TRUE
-0,130	0,297	-0,004	0,009	0,182	FALSE
-0,102	0,302	-0,004	0,011	0,136	FALSE
0,073	0,300	0,002	0,009	0,086	FALSE
-0,055	0,301	-0,002	0,012	0,072	FALSE
0,077	0,300	0,002	0,008	0,089	FALSE
-0,078	0,313	-0,004	0,012	0,114	FALSE
0,196	0,284	0,009	0,012	0,321	FALSE
-0,022	0,315	0,000	0,011	0,009	FALSE
0,064	0,302	0,001	0,008	0,071	FALSE
-0,044	0,313	-0,001	0,013	0,034	FALSE
0,124	0,314	0,004	0,012	0,144	FALSE
0,094	0,304	0,004	0,012	0,121	FALSE
0,075	0,302	0,003	0,012	0,087	FALSE
-0,200	0,301	-0,005	0,008	0,308	FALSE
-0,073	0,309	-0,002	0,007	0,109	FALSE
-0,028	0,302	-0,001	0,010	0,030	FALSE
0,076	0,304	0,002	0,007	0,093	FALSE
-0,014	0,301	-0,001	0,007	0,035	FALSE
-0,170	0,307	-0,005	0,008	0,255	FALSE
0,141	0,294	0,004	0,009	0,197	FALSE
-0,183	0,304	-0,005	0,008	0,286	FALSE
-0,035	0,303	-0,002	0,011	0,051	FALSE
0,049	0,295	0,002	0,012	0,068	FALSE
-0,104	0,313	-0,003	0,009	0,141	FALSE
-0,039	0,312	-0,001	0,007	0,030	FALSE
-0,002	0,322	0,000	0,010	0,002	FALSE
-0,061	0,304	-0,003	0,012	0,083	FALSE
-0,019	0,300	0,000	0,011	0,005	FALSE
-0,008	0,312	0,000	0,011	0,001	FALSE
-0,089	0,303	-0,003	0,009	0,136	FALSE
-0,060	0,304	-0,002	0,011	0,085	FALSE
-0,099	0,305	-0,002	0,007	0,121	FALSE
0,028	0,314	0,001	0,008	0,038	FALSE
-0,050	0,297	-0,002	0,007	0,079	FALSE
-0,134	0,307	-0,004	0,008	0,182	FALSE
-0,117	0,305	-0,005	0,012	0,155	FALSE
-0,164	0,305	-0,006	0,011	0,249	FALSE
-0,166	0,298	-0,006	0,010	0,254	FALSE
-0,143	0,308	-0,007	0,014	0,199	FALSE
0,005	0,304	0,000	0,012	0,009	FALSE
0,047	0,308	0,001	0,008	0,058	FALSE
-0,054	0,311	-0,001	0,008	0,059	FALSE
-0,149	0,306	-0,003	0,007	0,175	FALSE
0,038	0,307	0,001	0,011	0,037	FALSE
-0,075	0,322	-0,002	0,013	0,074	FALSE
-0,064	0,313	-0,002	0,008	0,097	FALSE
0,130	0,306	0,003	0,007	0,187	FALSE
-0,204	0,299	-0,004	0,006	0,286	FALSE
0,167	0,303	0,004	0,007	0,235	FALSE
0,059	0,296	0,002	0,009	0,077	FALSE

0,022	0,304	0,000	0,012	0,011	FALSE
0,070	0,297	0,002	0,009	0,081	FALSE
-0,010	0,313	0,000	0,012	0,005	FALSE
0,028	0,283	0,001	0,011	0,017	FALSE
-0,011	0,307	0,000	0,006	0,013	FALSE
0,133	0,305	0,005	0,010	0,193	FALSE
0,067	0,304	0,002	0,010	0,066	FALSE
0,016	0,291	0,001	0,008	0,028	FALSE
0,059	0,305	0,002	0,009	0,067	FALSE
0,032	0,315	0,002	0,010	0,076	FALSE
0,078	0,304	0,002	0,008	0,084	FALSE
0,075	0,291	0,003	0,011	0,083	FALSE
-0,008	0,301	0,000	0,012	0,008	FALSE
0,044	0,311	0,001	0,009	0,040	FALSE
-0,043	0,304	-0,002	0,010	0,076	FALSE
0,040	0,314	0,002	0,013	0,054	FALSE
-0,024	0,302	-0,001	0,007	0,040	FALSE
-0,137	0,298	-0,005	0,012	0,188	FALSE
-0,124	0,302	-0,003	0,008	0,157	FALSE
0,000	0,296	0,000	0,007	0,005	FALSE
0,051	0,307	0,003	0,012	0,090	FALSE
-0,142	0,305	-0,006	0,013	0,196	FALSE
0,105	0,299	0,003	0,007	0,154	FALSE
0,071	0,313	0,002	0,008	0,086	FALSE
0,090	0,307	0,003	0,008	0,146	FALSE
0,082	0,294	0,002	0,007	0,126	FALSE
-0,127	0,313	-0,003	0,007	0,182	FALSE
0,038	0,309	0,001	0,013	0,031	FALSE
-0,043	0,294	-0,001	0,012	0,042	FALSE
0,043	0,307	0,002	0,009	0,080	FALSE
0,030	0,299	0,002	0,012	0,045	FALSE
-0,099	0,303	-0,002	0,007	0,121	FALSE
-0,028	0,311	0,000	0,008	0,011	FALSE
-0,037	0,308	-0,001	0,007	0,028	FALSE
0,057	0,310	0,001	0,007	0,080	FALSE
0,138	0,309	0,003	0,006	0,172	FALSE
0,044	0,308	0,002	0,013	0,056	FALSE
-0,134	0,303	-0,004	0,009	0,184	FALSE
-0,013	0,295	-0,001	0,012	0,021	FALSE
0,073	0,306	0,003	0,013	0,093	FALSE
-0,016	0,317	0,000	0,010	0,015	FALSE
-0,042	0,296	-0,001	0,006	0,067	FALSE
-0,040	0,300	-0,001	0,010	0,047	FALSE
0,062	0,313	0,002	0,008	0,077	FALSE
-0,028	0,297	-0,001	0,008	0,045	FALSE
0,124	0,288	0,006	0,012	0,200	FALSE
0,045	0,291	0,001	0,011	0,021	FALSE
0,014	0,303	0,000	0,008	0,022	FALSE
0,037	0,306	0,001	0,008	0,026	FALSE
-0,041	0,292	-0,002	0,008	0,074	FALSE
-0,025	0,302	-0,001	0,010	0,051	FALSE
-0,060	0,312	-0,002	0,008	0,080	FALSE
0,003	0,326	0,000	0,013	0,002	FALSE

0,085	0,312	0,002	0,007	0,108	FALSE
0,030	0,323	0,001	0,007	0,030	FALSE
-0,049	0,317	-0,002	0,010	0,056	FALSE
-0,033	0,310	-0,001	0,010	0,030	FALSE
-0,033	0,310	-0,001	0,011	0,048	FALSE
-0,014	0,312	0,000	0,008	0,016	FALSE
0,031	0,315	0,001	0,007	0,041	FALSE
0,034	0,303	0,001	0,008	0,032	FALSE
-0,006	0,297	-0,001	0,012	0,030	FALSE
0,045	0,313	0,001	0,007	0,056	FALSE
0,041	0,300	0,001	0,007	0,039	FALSE
0,105	0,315	0,003	0,008	0,120	FALSE
0,129	0,299	0,005	0,012	0,159	FALSE
-0,041	0,298	-0,001	0,006	0,052	FALSE
-0,142	0,296	-0,005	0,008	0,234	FALSE
0,127	0,308	0,003	0,007	0,182	FALSE
-0,048	0,318	-0,001	0,007	0,027	FALSE
-0,023	0,311	-0,001	0,012	0,016	FALSE
0,033	0,318	0,001	0,007	0,049	FALSE
-0,112	0,314	-0,003	0,007	0,148	FALSE
-0,149	0,313	-0,004	0,007	0,218	FALSE
-0,148	0,303	-0,003	0,007	0,192	FALSE
0,044	0,306	0,001	0,007	0,048	FALSE
0,104	0,312	0,002	0,006	0,099	FALSE
-0,087	0,304	-0,002	0,007	0,108	FALSE
-0,058	0,314	-0,003	0,013	0,075	FALSE
-0,109	0,306	-0,003	0,008	0,140	FALSE
0,114	0,314	0,004	0,010	0,160	FALSE
-0,054	0,309	-0,002	0,010	0,069	FALSE
-0,114	0,291	-0,004	0,010	0,187	FALSE
0,038	0,298	0,000	0,007	0,018	FALSE
-0,011	0,298	0,000	0,007	0,021	FALSE
0,047	0,297	0,001	0,007	0,063	FALSE
0,030	0,309	0,001	0,008	0,046	FALSE
-0,031	0,304	-0,001	0,009	0,044	FALSE
-0,086	0,321	-0,003	0,010	0,130	FALSE
0,016	0,314	0,000	0,009	0,001	FALSE
0,134	0,309	0,003	0,007	0,169	FALSE
-0,072	0,311	-0,003	0,011	0,096	FALSE
-0,157	0,306	-0,007	0,013	0,238	FALSE
0,040	0,320	0,000	0,008	0,020	FALSE
0,012	0,307	0,001	0,007	0,032	FALSE
-0,033	0,312	-0,001	0,011	0,025	FALSE
-0,049	0,303	-0,001	0,007	0,048	FALSE
-0,020	0,317	0,000	0,011	0,012	FALSE
0,023	0,310	0,001	0,008	0,033	FALSE
-0,055	0,313	-0,001	0,007	0,028	FALSE
0,212	0,295	0,009	0,013	0,307	FALSE
-0,122	0,298	-0,003	0,008	0,160	FALSE
-0,112	0,309	-0,002	0,006	0,140	FALSE
-0,042	0,297	-0,001	0,008	0,062	FALSE
-0,038	0,304	-0,001	0,006	0,050	FALSE
0,016	0,330	0,000	0,010	0,005	FALSE

-0,070	0,309	-0,001	0,007	0,063	FALSE
-0,110	0,315	-0,004	0,011	0,146	FALSE
0,091	0,323	0,004	0,013	0,129	FALSE
0,027	0,302	0,001	0,007	0,048	FALSE
-0,082	0,315	-0,004	0,013	0,115	FALSE
-0,052	0,304	-0,003	0,013	0,077	FALSE
-0,090	0,311	-0,002	0,006	0,116	FALSE
-0,020	0,301	-0,001	0,010	0,050	FALSE
0,140	0,313	0,005	0,010	0,216	FALSE
0,007	0,317	0,001	0,008	0,026	FALSE
0,028	0,324	0,001	0,013	0,028	FALSE
0,099	0,296	0,003	0,007	0,140	FALSE
-0,005	0,314	0,000	0,007	0,012	FALSE
0,191	0,306	0,008	0,013	0,267	FALSE
0,145	0,301	0,005	0,012	0,178	FALSE
-0,003	0,315	0,000	0,007	0,003	FALSE
0,041	0,304	0,002	0,012	0,051	FALSE
0,091	0,309	0,002	0,007	0,095	FALSE
0,066	0,305	0,002	0,012	0,060	FALSE
0,030	0,306	0,001	0,007	0,059	FALSE
0,018	0,311	0,001	0,008	0,046	FALSE
0,017	0,316	0,000	0,012	0,010	FALSE
0,019	0,322	0,001	0,013	0,032	FALSE
-0,117	0,311	-0,002	0,007	0,134	FALSE
-0,002	0,326	0,000	0,010	0,011	FALSE
-0,057	0,306	-0,001	0,006	0,072	FALSE
0,033	0,290	0,001	0,012	0,042	FALSE
0,024	0,314	0,001	0,012	0,023	FALSE
-0,075	0,313	-0,002	0,009	0,093	FALSE
0,069	0,307	0,002	0,011	0,082	FALSE
0,090	0,297	0,004	0,012	0,121	FALSE
0,026	0,311	0,001	0,008	0,023	FALSE
-0,060	0,310	-0,002	0,009	0,064	FALSE
-0,053	0,308	-0,002	0,011	0,055	FALSE
-0,064	0,292	-0,001	0,006	0,038	FALSE
0,027	0,301	0,001	0,012	0,024	FALSE
0,050	0,303	0,001	0,013	0,038	FALSE
0,036	0,301	0,001	0,010	0,050	FALSE
-0,023	0,313	-0,001	0,013	0,018	FALSE
0,005	0,300	0,000	0,007	0,016	FALSE
-0,007	0,305	-0,001	0,012	0,017	FALSE
0,009	0,310	0,000	0,013	0,000	FALSE
-0,005	0,311	0,000	0,013	0,007	FALSE
-0,097	0,315	-0,004	0,012	0,133	FALSE
0,019	0,299	0,001	0,010	0,051	FALSE
-0,002	0,298	0,001	0,010	0,028	FALSE
-0,040	0,320	0,000	0,008	0,019	FALSE
0,076	0,305	0,002	0,007	0,094	FALSE
-0,054	0,302	-0,002	0,011	0,064	FALSE
0,059	0,311	0,002	0,007	0,094	FALSE
0,062	0,307	0,002	0,008	0,097	FALSE
-0,019	0,319	0,000	0,012	0,011	FALSE
0,015	0,317	0,001	0,009	0,039	FALSE

0,028	0,302	0,001	0,009	0,047	FALSE
-0,042	0,295	-0,002	0,012	0,047	FALSE
-0,080	0,312	-0,004	0,012	0,123	FALSE
-0,084	0,310	-0,002	0,008	0,098	FALSE
-0,166	0,309	-0,007	0,012	0,249	FALSE
-0,056	0,311	-0,002	0,010	0,077	FALSE
-0,041	0,310	-0,001	0,007	0,064	FALSE
-0,172	0,297	-0,005	0,009	0,248	FALSE
0,019	0,312	0,001	0,012	0,035	FALSE
0,065	0,287	0,003	0,013	0,078	FALSE
0,021	0,315	0,001	0,009	0,020	FALSE
0,024	0,303	0,001	0,006	0,064	FALSE
-0,029	0,310	-0,001	0,012	0,031	FALSE
-0,018	0,310	0,000	0,012	0,011	FALSE
0,200	0,286	0,008	0,011	0,307	FALSE
-0,133	0,311	-0,003	0,006	0,184	FALSE
-0,024	0,323	0,000	0,013	0,007	FALSE
0,031	0,309	0,001	0,010	0,027	FALSE
-0,031	0,296	-0,001	0,008	0,032	FALSE
0,049	0,318	0,001	0,008	0,056	FALSE
-0,049	0,304	-0,002	0,011	0,064	FALSE
0,004	0,316	0,001	0,011	0,026	FALSE
0,049	0,308	0,002	0,009	0,083	FALSE
0,024	0,306	0,001	0,007	0,045	FALSE
-0,038	0,306	-0,001	0,009	0,031	FALSE
0,034	0,295	0,001	0,010	0,034	FALSE
-0,099	0,314	-0,004	0,011	0,132	FALSE
-0,045	0,317	-0,002	0,010	0,061	FALSE
0,059	0,320	0,001	0,008	0,066	FALSE
-0,034	0,318	-0,001	0,013	0,020	FALSE
-0,089	0,305	-0,004	0,013	0,135	FALSE
0,072	0,296	0,003	0,008	0,121	FALSE
-0,111	0,305	-0,005	0,012	0,170	FALSE
-0,046	0,305	-0,001	0,007	0,052	FALSE
-0,086	0,307	-0,002	0,007	0,125	FALSE
-0,050	0,295	-0,001	0,008	0,058	FALSE
-0,003	0,310	0,000	0,007	0,005	FALSE
-0,008	0,315	0,000	0,013	0,012	FALSE
-0,002	0,318	0,000	0,013	0,005	FALSE
0,010	0,316	0,001	0,008	0,038	FALSE
0,032	0,306	0,001	0,013	0,031	FALSE
-0,091	0,304	-0,004	0,010	0,150	FALSE
0,016	0,308	0,001	0,007	0,033	FALSE
-0,061	0,304	-0,002	0,011	0,055	FALSE
0,055	0,310	0,001	0,008	0,051	FALSE
0,126	0,302	0,005	0,012	0,170	FALSE
-0,037	0,305	-0,002	0,011	0,054	FALSE
0,031	0,311	0,001	0,012	0,040	FALSE
0,004	0,290	0,000	0,006	0,022	FALSE
-0,010	0,306	0,000	0,012	0,012	FALSE
0,070	0,308	0,003	0,012	0,081	FALSE
0,073	0,301	0,002	0,009	0,074	FALSE
-0,030	0,299	0,000	0,006	0,026	FALSE

-0,083	0,306	-0,003	0,011	0,113	FALSE
0,007	0,307	0,000	0,007	0,009	FALSE
0,002	0,301	0,000	0,006	0,016	FALSE
0,164	0,297	0,007	0,012	0,247	FALSE
-0,025	0,305	0,000	0,007	0,016	FALSE
0,076	0,309	0,003	0,009	0,113	FALSE
0,000	0,310	0,000	0,007	0,000	FALSE
0,032	0,326	0,002	0,013	0,058	FALSE
-0,029	0,301	-0,001	0,010	0,054	FALSE
0,046	0,310	0,003	0,012	0,080	FALSE
0,083	0,303	0,005	0,013	0,148	FALSE
-0,038	0,300	-0,001	0,010	0,027	FALSE
0,092	0,304	0,004	0,013	0,122	FALSE
0,061	0,297	0,003	0,009	0,114	FALSE
0,075	0,319	0,003	0,011	0,092	FALSE
-0,046	0,313	-0,002	0,010	0,072	FALSE
-0,010	0,296	0,000	0,010	0,013	FALSE
-0,199	0,286	-0,007	0,010	0,319	FALSE
-0,031	0,309	-0,001	0,013	0,026	FALSE
0,179	0,305	0,004	0,007	0,247	FALSE
-0,013	0,301	-0,001	0,007	0,032	FALSE
0,016	0,301	0,001	0,008	0,034	FALSE
0,053	0,300	0,002	0,012	0,058	FALSE
0,095	0,302	0,002	0,007	0,111	FALSE
-0,108	0,310	-0,003	0,008	0,130	FALSE
0,031	0,293	0,001	0,007	0,044	FALSE
-0,109	0,307	-0,004	0,012	0,116	FALSE
0,069	0,297	0,002	0,010	0,086	FALSE
-0,073	0,314	-0,002	0,007	0,102	FALSE
-0,130	0,309	-0,003	0,007	0,146	FALSE
-0,082	0,306	-0,003	0,012	0,083	FALSE
-0,002	0,312	0,001	0,012	0,016	FALSE
-0,024	0,325	-0,001	0,012	0,038	FALSE
0,123	0,304	0,004	0,008	0,168	FALSE
-0,018	0,298	0,000	0,012	0,008	FALSE
0,048	0,316	0,002	0,008	0,088	FALSE
0,028	0,304	0,002	0,008	0,076	FALSE
0,034	0,307	0,001	0,009	0,049	FALSE
0,066	0,310	0,003	0,012	0,100	FALSE
-0,019	0,301	0,000	0,008	0,004	FALSE
0,029	0,311	0,002	0,012	0,050	FALSE
-0,091	0,308	-0,002	0,007	0,109	FALSE
-0,043	0,303	-0,001	0,010	0,045	FALSE
-0,070	0,307	-0,002	0,008	0,089	FALSE
0,014	0,295	0,000	0,010	0,001	FALSE
-0,019	0,309	-0,001	0,010	0,047	FALSE
-0,095	0,316	-0,002	0,008	0,115	FALSE
-0,032	0,305	-0,002	0,013	0,059	FALSE
-0,005	0,303	-0,001	0,012	0,016	FALSE
-0,124	0,321	-0,005	0,012	0,163	FALSE
0,068	0,274	0,001	0,007	0,060	FALSE
0,161	0,296	0,005	0,011	0,221	FALSE
0,069	0,314	0,002	0,008	0,098	FALSE

0,069	0,308	0,002	0,007	0,101	FALSE
-0,002	0,319	-0,001	0,010	0,027	FALSE
-0,099	0,288	-0,003	0,008	0,132	FALSE
-0,064	0,299	-0,001	0,007	0,071	FALSE
0,027	0,304	0,001	0,007	0,065	FALSE
0,032	0,309	0,001	0,007	0,070	FALSE
0,110	0,306	0,004	0,009	0,180	FALSE
-0,015	0,319	-0,001	0,011	0,017	FALSE
-0,129	0,305	-0,003	0,008	0,171	FALSE
-0,118	0,304	-0,003	0,009	0,131	FALSE
0,058	0,308	0,001	0,010	0,055	FALSE
-0,053	0,315	-0,002	0,010	0,063	FALSE
-0,050	0,317	-0,001	0,008	0,051	FALSE
0,187	0,309	0,004	0,007	0,245	FALSE
0,065	0,308	0,002	0,011	0,066	FALSE
-0,087	0,305	-0,003	0,011	0,093	FALSE
-0,039	0,325	-0,001	0,008	0,058	FALSE
-0,034	0,313	-0,002	0,013	0,043	FALSE
0,068	0,289	0,002	0,009	0,089	FALSE
0,061	0,296	0,002	0,009	0,080	FALSE
-0,025	0,314	-0,001	0,012	0,037	FALSE
-0,002	0,311	0,000	0,007	0,010	FALSE
-0,048	0,310	-0,002	0,011	0,077	FALSE
-0,092	0,299	-0,004	0,010	0,174	FALSE
-0,079	0,321	-0,004	0,010	0,137	FALSE
0,043	0,325	0,002	0,013	0,053	FALSE
-0,041	0,313	-0,002	0,010	0,060	FALSE
0,008	0,323	0,000	0,011	0,007	FALSE
0,022	0,309	0,002	0,013	0,049	FALSE
0,093	0,295	0,003	0,008	0,134	FALSE
-0,093	0,300	-0,004	0,012	0,133	FALSE
0,072	0,296	0,002	0,007	0,129	FALSE
0,070	0,308	0,002	0,008	0,087	FALSE
-0,157	0,308	-0,006	0,013	0,184	FALSE
-0,031	0,310	-0,001	0,007	0,059	FALSE
-0,053	0,298	-0,003	0,012	0,086	FALSE
-0,006	0,296	0,000	0,009	0,002	FALSE
0,063	0,298	0,001	0,008	0,062	FALSE
0,056	0,308	0,002	0,008	0,080	FALSE
0,000	0,311	0,000	0,007	0,020	FALSE
0,050	0,308	0,002	0,013	0,058	FALSE
0,021	0,303	0,000	0,011	0,005	FALSE
-0,050	0,312	-0,002	0,008	0,080	FALSE
0,061	0,294	0,003	0,012	0,108	FALSE
0,146	0,294	0,006	0,012	0,229	FALSE
0,047	0,313	0,001	0,006	0,053	FALSE
-0,021	0,301	-0,001	0,013	0,019	FALSE
0,003	0,304	0,000	0,007	0,011	FALSE
0,007	0,321	0,000	0,013	0,002	FALSE
0,063	0,305	0,002	0,008	0,083	FALSE
-0,007	0,295	0,000	0,007	0,003	FALSE
-0,037	0,322	-0,001	0,007	0,029	FALSE
0,160	0,311	0,003	0,007	0,190	FALSE

-0,036	0,297	-0,002	0,009	0,080	FALSE
0,006	0,302	0,000	0,008	0,021	FALSE
-0,029	0,299	-0,001	0,008	0,043	FALSE
0,004	0,316	0,000	0,008	0,009	FALSE
0,014	0,306	0,000	0,007	0,016	FALSE
0,015	0,301	0,000	0,011	0,012	FALSE
0,022	0,306	0,001	0,008	0,041	FALSE
-0,004	0,310	0,000	0,007	0,013	FALSE
0,086	0,310	0,002	0,008	0,106	FALSE
0,034	0,298	0,001	0,008	0,050	FALSE
0,078	0,309	0,003	0,012	0,111	FALSE
-0,044	0,299	-0,002	0,010	0,077	FALSE
-0,077	0,317	-0,002	0,007	0,129	FALSE
-0,097	0,305	-0,002	0,007	0,104	FALSE
-0,099	0,316	-0,004	0,013	0,135	FALSE
0,114	0,300	0,003	0,007	0,159	FALSE
0,068	0,301	0,002	0,009	0,102	FALSE
0,074	0,307	0,003	0,012	0,110	FALSE
0,028	0,299	0,001	0,009	0,061	FALSE
-0,127	0,301	-0,006	0,012	0,225	FALSE
0,047	0,314	0,001	0,009	0,048	FALSE
-0,085	0,306	-0,003	0,010	0,115	FALSE
-0,082	0,308	-0,003	0,013	0,099	FALSE
-0,040	0,311	-0,001	0,009	0,033	FALSE
0,005	0,305	0,000	0,006	0,013	FALSE
0,019	0,294	0,000	0,010	0,004	FALSE
0,189	0,304	0,004	0,007	0,253	FALSE
0,146	0,300	0,003	0,007	0,196	FALSE
0,172	0,304	0,004	0,007	0,234	FALSE
0,046	0,306	0,001	0,009	0,026	FALSE
0,087	0,301	0,004	0,012	0,148	FALSE
-0,190	0,300	-0,009	0,013	0,299	FALSE
0,082	0,304	0,001	0,008	0,061	FALSE
0,100	0,302	0,003	0,009	0,121	FALSE
0,028	0,316	0,002	0,013	0,060	FALSE
-0,057	0,304	-0,001	0,006	0,079	FALSE
-0,059	0,311	-0,002	0,009	0,079	FALSE
-0,046	0,323	-0,001	0,007	0,060	FALSE
-0,053	0,320	-0,001	0,008	0,066	FALSE
-0,022	0,303	-0,002	0,012	0,064	FALSE
-0,173	0,308	-0,004	0,009	0,217	FALSE
-0,050	0,315	-0,002	0,012	0,050	FALSE
-0,047	0,301	-0,001	0,007	0,051	FALSE
-0,170	0,289	-0,006	0,010	0,259	FALSE
-0,226	0,300	-0,010	0,013	0,380	FALSE
0,111	0,299	0,004	0,010	0,136	FALSE
0,125	0,292	0,003	0,010	0,145	FALSE
0,017	0,319	0,001	0,007	0,033	FALSE
0,155	0,305	0,006	0,011	0,234	FALSE
-0,046	0,311	-0,002	0,009	0,069	FALSE
0,149	0,303	0,006	0,012	0,214	FALSE
-0,094	0,311	-0,002	0,007	0,103	FALSE
0,146	0,302	0,003	0,006	0,191	FALSE

-0,011	0,319	0,000	0,008	0,006	FALSE
-0,153	0,302	-0,004	0,007	0,212	FALSE
0,156	0,299	0,004	0,008	0,227	FALSE
0,073	0,304	0,002	0,007	0,081	FALSE
0,001	0,307	0,000	0,013	0,010	FALSE
-0,052	0,301	-0,002	0,010	0,063	FALSE
-0,049	0,315	-0,002	0,012	0,057	FALSE
-0,043	0,301	-0,002	0,010	0,077	FALSE
0,124	0,301	0,005	0,010	0,181	FALSE
-0,048	0,307	-0,002	0,012	0,052	FALSE
0,012	0,314	0,000	0,007	0,016	FALSE
-0,078	0,305	-0,002	0,009	0,084	FALSE
-0,020	0,306	0,000	0,010	0,009	FALSE
-0,079	0,313	-0,003	0,011	0,093	FALSE
-0,113	0,312	-0,002	0,008	0,129	FALSE
-0,057	0,306	-0,002	0,013	0,068	FALSE
-0,044	0,304	-0,001	0,009	0,026	FALSE
-0,067	0,312	-0,002	0,009	0,092	FALSE
-0,040	0,297	-0,001	0,006	0,067	FALSE
0,112	0,308	0,003	0,008	0,137	FALSE
-0,010	0,311	0,000	0,013	0,009	FALSE
-0,126	0,299	-0,005	0,011	0,198	FALSE
-0,040	0,307	-0,002	0,009	0,097	FALSE
-0,073	0,314	-0,002	0,008	0,103	FALSE
-0,007	0,299	0,001	0,012	0,021	FALSE
-0,009	0,312	0,000	0,011	0,012	FALSE
-0,089	0,310	-0,002	0,008	0,106	FALSE
0,013	0,317	0,000	0,007	0,007	FALSE
-0,002	0,302	0,000	0,008	0,005	FALSE
-0,085	0,297	-0,001	0,006	0,076	FALSE
-0,033	0,308	-0,002	0,012	0,062	FALSE
-0,059	0,307	-0,002	0,012	0,070	FALSE
-0,048	0,302	-0,002	0,013	0,053	FALSE
0,022	0,305	0,001	0,011	0,048	FALSE
-0,005	0,288	0,000	0,012	0,009	FALSE
0,063	0,313	0,003	0,012	0,084	FALSE
-0,008	0,306	0,000	0,012	0,006	FALSE
-0,048	0,318	-0,001	0,007	0,080	FALSE
-0,003	0,316	0,000	0,009	0,008	FALSE
-0,037	0,305	-0,002	0,011	0,069	FALSE
0,102	0,309	0,002	0,007	0,135	FALSE
0,061	0,311	0,001	0,008	0,044	FALSE
-0,085	0,307	-0,002	0,010	0,096	FALSE
-0,055	0,308	-0,001	0,008	0,055	FALSE
0,095	0,311	0,003	0,010	0,108	FALSE
-0,009	0,305	-0,001	0,008	0,039	FALSE
0,073	0,306	0,003	0,013	0,076	FALSE
0,079	0,300	0,002	0,006	0,124	FALSE
0,080	0,318	0,002	0,007	0,092	FALSE
0,051	0,314	0,001	0,007	0,046	FALSE
0,059	0,316	0,002	0,011	0,080	FALSE
-0,008	0,306	0,000	0,007	0,010	FALSE
-0,033	0,311	-0,002	0,011	0,062	FALSE

-0,092	0,313	-0,003	0,009	0,139	FALSE
0,039	0,301	0,002	0,012	0,066	FALSE
-0,045	0,311	0,000	0,007	0,020	FALSE
-0,098	0,295	-0,002	0,007	0,132	FALSE
0,002	0,307	0,000	0,012	0,012	FALSE
-0,070	0,305	-0,001	0,006	0,055	FALSE
-0,032	0,309	-0,001	0,009	0,033	FALSE
-0,066	0,304	-0,002	0,012	0,066	FALSE
-0,106	0,308	-0,003	0,009	0,158	FALSE
0,045	0,299	0,002	0,012	0,047	FALSE
0,081	0,300	0,003	0,010	0,113	FALSE
0,052	0,291	0,001	0,006	0,029	FALSE
0,110	0,303	0,002	0,006	0,115	FALSE
-0,069	0,308	-0,002	0,007	0,096	FALSE
-0,148	0,295	-0,005	0,011	0,211	FALSE
0,232	0,295	0,009	0,012	0,355	FALSE
0,109	0,320	0,003	0,007	0,144	FALSE
-0,117	0,300	-0,004	0,011	0,144	FALSE
-0,029	0,313	-0,001	0,009	0,046	FALSE
0,013	0,313	0,000	0,006	0,025	FALSE
-0,059	0,305	-0,001	0,010	0,051	FALSE
0,096	0,309	0,004	0,011	0,154	FALSE
0,015	0,308	0,000	0,013	0,007	FALSE
0,007	0,306	0,000	0,007	0,001	FALSE
-0,029	0,312	-0,001	0,008	0,047	FALSE
0,002	0,300	0,000	0,007	0,003	FALSE
0,042	0,310	0,001	0,008	0,053	FALSE
-0,014	0,323	0,000	0,014	0,009	FALSE
-0,004	0,301	0,001	0,012	0,018	FALSE
0,069	0,309	0,001	0,006	0,079	FALSE
-0,030	0,309	0,000	0,010	0,013	FALSE
-0,031	0,304	-0,001	0,008	0,037	FALSE
0,021	0,313	0,001	0,006	0,029	FALSE
-0,168	0,313	-0,006	0,012	0,215	FALSE
-0,019	0,308	0,000	0,007	0,007	FALSE
0,009	0,304	0,001	0,011	0,035	FALSE
0,054	0,327	0,002	0,013	0,054	FALSE
-0,096	0,313	-0,003	0,008	0,145	FALSE
0,057	0,306	0,001	0,007	0,065	FALSE
-0,072	0,304	-0,002	0,007	0,111	FALSE
-0,091	0,297	-0,004	0,012	0,134	FALSE
-0,053	0,296	-0,002	0,007	0,087	FALSE
-0,051	0,302	-0,002	0,008	0,092	FALSE
0,060	0,302	0,002	0,010	0,064	FALSE
-0,006	0,296	0,000	0,009	0,001	FALSE
-0,067	0,305	-0,003	0,011	0,099	FALSE
0,179	0,288	0,006	0,010	0,274	FALSE
-0,092	0,308	-0,002	0,006	0,130	FALSE
-0,059	0,312	-0,002	0,009	0,074	FALSE
-0,078	0,298	-0,003	0,011	0,103	FALSE
-0,150	0,303	-0,007	0,011	0,255	FALSE
-0,044	0,310	-0,002	0,010	0,075	FALSE
0,106	0,310	0,004	0,011	0,158	FALSE

0,151	0,314	0,004	0,008	0,223	FALSE
0,005	0,298	0,000	0,006	0,018	FALSE
0,147	0,300	0,005	0,008	0,249	FALSE
-0,133	0,308	-0,003	0,008	0,186	FALSE
-0,036	0,303	-0,001	0,007	0,068	FALSE
-0,054	0,296	-0,001	0,007	0,073	FALSE
0,084	0,303	0,003	0,009	0,109	FALSE
-0,036	0,301	-0,001	0,006	0,038	FALSE
0,073	0,308	0,002	0,007	0,094	FALSE
0,106	0,312	0,002	0,007	0,139	FALSE
-0,057	0,303	-0,002	0,010	0,080	FALSE
-0,036	0,308	-0,002	0,013	0,051	FALSE
-0,012	0,328	-0,001	0,012	0,024	FALSE
-0,105	0,305	-0,002	0,007	0,114	FALSE
-0,031	0,315	-0,001	0,010	0,033	FALSE
-0,168	0,304	-0,005	0,008	0,240	FALSE
0,014	0,312	0,001	0,010	0,030	FALSE
0,010	0,309	0,000	0,011	0,005	FALSE
0,074	0,312	0,003	0,013	0,082	FALSE
-0,011	0,289	-0,001	0,011	0,029	FALSE
0,067	0,305	0,003	0,012	0,104	FALSE
0,010	0,309	0,000	0,011	0,005	FALSE
0,005	0,302	0,000	0,008	0,015	FALSE
-0,016	0,335	0,000	0,014	0,006	FALSE
0,116	0,310	0,005	0,013	0,157	FALSE
0,108	0,302	0,003	0,007	0,164	FALSE
-0,082	0,304	-0,002	0,007	0,094	FALSE
-0,169	0,306	-0,003	0,007	0,194	FALSE
-0,046	0,306	-0,002	0,008	0,072	FALSE
-0,163	0,293	-0,003	0,007	0,187	FALSE
-0,026	0,310	-0,001	0,009	0,041	FALSE
0,055	0,302	0,002	0,013	0,045	FALSE
0,056	0,316	0,002	0,013	0,058	FALSE
-0,067	0,308	-0,003	0,013	0,079	FALSE
0,079	0,309	0,003	0,013	0,103	FALSE
-0,020	0,308	-0,001	0,010	0,039	FALSE
-0,114	0,298	-0,006	0,013	0,190	FALSE
-0,002	0,308	0,000	0,007	0,000	FALSE
-0,024	0,305	-0,002	0,011	0,067	FALSE
0,000	0,314	-0,001	0,010	0,035	FALSE
-0,060	0,305	-0,004	0,012	0,120	FALSE
-0,026	0,318	-0,002	0,010	0,054	FALSE
-0,040	0,303	-0,001	0,009	0,044	FALSE
-0,033	0,325	-0,002	0,011	0,057	FALSE
-0,049	0,319	-0,002	0,012	0,060	FALSE
-0,020	0,286	0,000	0,009	0,019	FALSE
0,046	0,294	0,001	0,009	0,058	FALSE
-0,031	0,308	-0,001	0,010	0,017	FALSE
0,027	0,305	0,001	0,007	0,027	FALSE
0,066	0,304	0,002	0,008	0,087	FALSE
-0,137	0,298	-0,003	0,007	0,185	FALSE
-0,164	0,290	-0,004	0,007	0,233	FALSE
0,093	0,304	0,002	0,007	0,115	FALSE

0,076	0,297	0,002	0,011	0,084	FALSE
0,062	0,300	0,002	0,012	0,056	FALSE
-0,051	0,299	-0,001	0,007	0,071	FALSE
-0,219	0,303	-0,007	0,009	0,374	FALSE
-0,164	0,293	-0,006	0,012	0,236	FALSE
-0,101	0,308	-0,003	0,009	0,134	FALSE
0,047	0,286	0,001	0,006	0,064	FALSE
-0,019	0,309	0,000	0,009	0,001	FALSE
0,078	0,317	0,002	0,008	0,095	FALSE
0,026	0,328	0,001	0,013	0,020	FALSE
-0,020	0,316	0,000	0,009	0,016	FALSE
0,000	0,311	0,001	0,008	0,041	FALSE
-0,105	0,314	-0,004	0,011	0,152	FALSE
-0,104	0,307	-0,004	0,010	0,149	FALSE
0,046	0,303	0,001	0,007	0,039	FALSE
-0,100	0,306	-0,002	0,008	0,097	FALSE
-0,125	0,303	-0,003	0,006	0,181	FALSE
-0,061	0,309	-0,001	0,007	0,060	FALSE
-0,143	0,283	-0,004	0,009	0,210	FALSE
0,079	0,328	0,003	0,013	0,085	FALSE
-0,068	0,304	-0,001	0,007	0,047	FALSE
-0,045	0,312	-0,002	0,012	0,068	FALSE
0,057	0,319	0,002	0,014	0,061	FALSE
0,104	0,314	0,004	0,012	0,132	FALSE
0,035	0,293	0,000	0,006	0,025	FALSE
0,002	0,329	0,000	0,012	0,002	FALSE
0,000	0,316	0,001	0,010	0,028	FALSE
0,017	0,306	0,001	0,009	0,024	FALSE
0,024	0,310	0,001	0,011	0,016	FALSE
0,038	0,309	0,001	0,007	0,045	FALSE
0,066	0,316	0,002	0,008	0,073	FALSE
-0,071	0,300	-0,003	0,011	0,091	FALSE
-0,014	0,313	0,000	0,011	0,015	FALSE
-0,037	0,312	-0,001	0,010	0,017	FALSE
-0,036	0,305	-0,001	0,010	0,042	FALSE
0,039	0,305	0,002	0,013	0,067	FALSE
0,035	0,315	0,001	0,008	0,060	FALSE
-0,085	0,309	-0,003	0,011	0,100	FALSE
-0,096	0,301	-0,003	0,011	0,125	FALSE
-0,012	0,307	0,000	0,008	0,011	FALSE
-0,046	0,289	-0,001	0,008	0,035	FALSE
-0,040	0,312	-0,001	0,009	0,031	FALSE
-0,007	0,318	0,000	0,012	0,004	FALSE
-0,039	0,306	-0,001	0,009	0,054	FALSE
-0,003	0,312	0,000	0,008	0,017	FALSE
-0,109	0,301	-0,003	0,011	0,123	FALSE
-0,076	0,301	-0,004	0,012	0,127	FALSE
-0,063	0,301	-0,003	0,012	0,100	FALSE
0,029	0,309	0,001	0,007	0,030	FALSE
0,033	0,295	0,002	0,012	0,059	FALSE
-0,104	0,309	-0,003	0,008	0,148	FALSE
-0,023	0,315	-0,001	0,012	0,018	FALSE
-0,064	0,292	-0,002	0,007	0,084	FALSE

-0,110	0,299	-0,003	0,008	0,153	FALSE
0,068	0,309	0,002	0,007	0,101	FALSE
-0,041	0,320	-0,001	0,008	0,027	FALSE
-0,045	0,318	-0,002	0,012	0,064	FALSE
-0,073	0,317	-0,003	0,012	0,084	FALSE
-0,056	0,306	-0,001	0,007	0,079	FALSE
0,216	0,290	0,008	0,011	0,341	FALSE
0,138	0,288	0,005	0,011	0,188	FALSE
0,027	0,326	0,001	0,009	0,023	FALSE
0,120	0,310	0,003	0,007	0,154	FALSE
-0,069	0,299	-0,003	0,009	0,103	FALSE
-0,019	0,314	-0,001	0,013	0,020	FALSE
0,102	0,314	0,003	0,011	0,120	FALSE
-0,119	0,300	-0,006	0,013	0,187	FALSE
0,056	0,314	0,002	0,012	0,066	FALSE
0,111	0,309	0,002	0,007	0,115	FALSE
-0,097	0,303	-0,005	0,013	0,163	FALSE
-0,042	0,310	-0,001	0,007	0,050	FALSE
0,101	0,303	0,005	0,013	0,177	FALSE
-0,183	0,306	-0,007	0,012	0,278	FALSE
-0,014	0,303	0,000	0,011	0,014	FALSE
0,036	0,308	0,001	0,008	0,039	FALSE
0,087	0,309	0,004	0,012	0,119	FALSE
0,093	0,320	0,002	0,008	0,108	FALSE
-0,073	0,299	-0,004	0,012	0,116	FALSE
-0,132	0,313	-0,003	0,007	0,197	FALSE
0,045	0,306	0,001	0,011	0,032	FALSE
0,102	0,306	0,002	0,006	0,151	FALSE
0,132	0,306	0,003	0,007	0,191	FALSE
0,088	0,294	0,003	0,012	0,103	FALSE
0,071	0,281	0,002	0,012	0,074	FALSE
0,007	0,316	0,001	0,012	0,039	FALSE
-0,080	0,305	-0,004	0,013	0,123	FALSE
-0,050	0,306	-0,002	0,013	0,069	FALSE
0,003	0,309	-0,001	0,013	0,015	FALSE
-0,004	0,304	-0,001	0,013	0,016	FALSE
-0,083	0,294	-0,002	0,007	0,117	FALSE
0,016	0,288	0,001	0,007	0,035	FALSE
0,007	0,302	-0,001	0,012	0,036	FALSE
-0,070	0,312	-0,001	0,008	0,066	FALSE
-0,031	0,303	0,000	0,012	0,001	FALSE
-0,027	0,300	0,000	0,007	0,021	FALSE
-0,020	0,312	-0,001	0,011	0,032	FALSE
-0,039	0,320	-0,001	0,007	0,045	FALSE
-0,044	0,306	-0,001	0,007	0,053	FALSE
-0,019	0,315	0,000	0,007	0,023	FALSE
0,150	0,310	0,004	0,007	0,204	FALSE
-0,044	0,315	-0,002	0,009	0,075	FALSE
0,105	0,306	0,004	0,013	0,115	FALSE
0,009	0,333	0,000	0,007	0,019	FALSE
0,050	0,305	0,001	0,009	0,052	FALSE
-0,023	0,296	0,000	0,012	0,010	FALSE
-0,076	0,308	-0,002	0,009	0,101	FALSE

-0,086	0,297	-0,002	0,008	0,107	FALSE
0,102	0,312	0,003	0,007	0,146	FALSE
-0,015	0,314	-0,001	0,013	0,014	FALSE
-0,038	0,314	-0,002	0,013	0,054	FALSE
0,037	0,303	0,001	0,013	0,033	FALSE
0,013	0,299	0,000	0,010	0,006	FALSE
-0,045	0,292	-0,001	0,006	0,033	FALSE
0,019	0,311	0,001	0,011	0,018	FALSE
-0,007	0,303	0,000	0,010	0,016	FALSE
-0,125	0,297	-0,004	0,010	0,154	FALSE
-0,089	0,310	-0,002	0,010	0,090	FALSE
-0,118	0,299	-0,004	0,011	0,155	FALSE
0,117	0,304	0,004	0,012	0,131	FALSE
0,090	0,311	0,003	0,012	0,100	FALSE
-0,108	0,304	-0,002	0,008	0,120	FALSE
-0,085	0,306	-0,002	0,011	0,088	FALSE
-0,098	0,306	-0,002	0,007	0,132	FALSE
-0,086	0,303	-0,002	0,007	0,124	FALSE
0,047	0,310	0,001	0,008	0,051	FALSE
0,017	0,309	0,001	0,006	0,033	FALSE
-0,020	0,307	-0,001	0,007	0,046	FALSE
0,083	0,312	0,004	0,013	0,107	FALSE
0,104	0,303	0,004	0,013	0,139	FALSE
0,020	0,312	0,000	0,012	0,012	FALSE
-0,001	0,309	-0,001	0,013	0,015	FALSE
0,105	0,311	0,003	0,009	0,144	FALSE
0,064	0,299	0,002	0,012	0,069	FALSE
0,025	0,267	0,000	0,012	0,002	FALSE
0,031	0,291	0,001	0,013	0,018	FALSE
-0,078	0,309	-0,004	0,013	0,117	FALSE
-0,135	0,291	-0,007	0,012	0,230	FALSE
-0,111	0,297	-0,003	0,007	0,200	FALSE
-0,027	0,314	-0,001	0,012	0,025	FALSE
-0,131	0,290	-0,004	0,007	0,225	FALSE
-0,006	0,307	0,000	0,008	0,006	FALSE
-0,150	0,309	-0,006	0,012	0,199	FALSE
0,017	0,293	0,001	0,007	0,033	FALSE
-0,043	0,303	-0,002	0,008	0,068	FALSE
-0,029	0,303	0,000	0,007	0,023	FALSE
-0,003	0,308	0,000	0,008	0,006	FALSE
-0,088	0,301	-0,003	0,010	0,104	FALSE
0,024	0,312	0,000	0,009	0,011	FALSE
0,058	0,303	0,001	0,009	0,052	FALSE
0,013	0,302	0,001	0,012	0,017	FALSE
0,125	0,313	0,006	0,012	0,198	FALSE
0,026	0,306	0,001	0,009	0,060	FALSE
0,042	0,309	0,002	0,009	0,070	FALSE
-0,031	0,321	-0,001	0,011	0,026	FALSE
-0,047	0,298	-0,002	0,010	0,095	FALSE
-0,098	0,296	-0,002	0,007	0,105	FALSE
0,037	0,307	0,001	0,008	0,066	FALSE
0,065	0,279	0,002	0,007	0,116	FALSE
0,155	0,299	0,005	0,009	0,259	FALSE

0,022	0,308	0,000	0,007	0,005	FALSE
0,107	0,329	0,004	0,013	0,127	FALSE
0,072	0,315	0,003	0,008	0,131	FALSE
0,047	0,317	0,002	0,011	0,070	FALSE
-0,130	0,315	-0,005	0,011	0,171	FALSE
-0,094	0,304	-0,003	0,010	0,115	FALSE
-0,049	0,305	-0,002	0,009	0,072	FALSE
0,029	0,297	0,002	0,012	0,055	FALSE
-0,002	0,290	-0,001	0,013	0,017	FALSE
-0,013	0,301	0,000	0,009	0,019	FALSE
-0,025	0,303	0,000	0,009	0,019	FALSE
0,054	0,311	0,002	0,011	0,074	FALSE
0,056	0,303	0,002	0,010	0,061	FALSE
0,047	0,299	0,001	0,009	0,050	FALSE
0,150	0,294	0,004	0,008	0,213	FALSE
-0,030	0,303	0,000	0,010	0,015	FALSE
0,023	0,295	0,002	0,011	0,063	FALSE
0,101	0,315	0,004	0,013	0,131	FALSE
-0,095	0,302	-0,005	0,012	0,149	FALSE
0,035	0,315	0,000	0,007	0,014	FALSE
-0,008	0,307	-0,001	0,010	0,025	FALSE
0,058	0,307	0,002	0,010	0,078	FALSE
0,032	0,306	0,001	0,010	0,042	FALSE
0,042	0,315	0,001	0,008	0,070	FALSE
0,047	0,319	0,001	0,010	0,048	FALSE
0,009	0,303	0,000	0,012	0,009	FALSE
0,024	0,305	0,001	0,008	0,046	FALSE
-0,048	0,309	-0,001	0,012	0,038	FALSE
-0,011	0,298	0,000	0,008	0,017	FALSE
0,056	0,305	0,002	0,010	0,097	FALSE
-0,077	0,331	-0,002	0,007	0,104	FALSE
0,077	0,315	0,002	0,010	0,091	FALSE
0,049	0,296	0,002	0,009	0,080	FALSE
-0,025	0,302	-0,001	0,007	0,040	FALSE
0,057	0,313	0,002	0,006	0,097	FALSE
0,027	0,310	0,001	0,008	0,045	FALSE
-0,108	0,292	-0,002	0,007	0,133	FALSE
0,040	0,308	0,002	0,012	0,059	FALSE
0,049	0,322	0,001	0,007	0,057	FALSE
-0,001	0,316	0,001	0,007	0,026	FALSE
0,102	0,312	0,004	0,011	0,137	FALSE
-0,023	0,301	-0,002	0,012	0,068	FALSE
0,012	0,300	0,001	0,011	0,024	FALSE
-0,059	0,310	-0,002	0,010	0,061	FALSE
0,000	0,308	0,000	0,007	0,001	FALSE
-0,014	0,294	0,000	0,007	0,019	FALSE
-0,023	0,311	0,000	0,008	0,020	FALSE
-0,025	0,299	0,000	0,007	0,022	FALSE
-0,145	0,306	-0,004	0,008	0,190	FALSE
-0,051	0,301	-0,001	0,007	0,065	FALSE
-0,143	0,313	-0,005	0,011	0,178	FALSE
0,049	0,294	0,001	0,012	0,039	FALSE
0,047	0,313	0,001	0,012	0,044	FALSE

0,049	0,306	0,002	0,008	0,077	FALSE
0,003	0,314	0,000	0,010	0,014	FALSE
0,083	0,305	0,004	0,013	0,121	FALSE
0,017	0,315	0,000	0,008	0,007	FALSE
0,005	0,318	0,000	0,009	0,017	FALSE
-0,023	0,324	0,000	0,007	0,016	FALSE
-0,051	0,288	-0,001	0,011	0,046	FALSE
-0,009	0,303	0,000	0,006	0,008	FALSE
0,066	0,293	0,002	0,008	0,076	FALSE
-0,062	0,293	-0,003	0,012	0,102	FALSE
-0,171	0,306	-0,005	0,009	0,273	FALSE
-0,040	0,305	-0,001	0,008	0,035	FALSE
-0,064	0,303	-0,002	0,008	0,093	FALSE
0,013	0,304	0,001	0,008	0,036	FALSE
-0,158	0,292	-0,004	0,009	0,209	FALSE
-0,015	0,318	-0,001	0,010	0,024	FALSE
0,207	0,293	0,005	0,008	0,300	FALSE
-0,015	0,303	0,000	0,010	0,014	FALSE
-0,038	0,297	-0,001	0,010	0,032	FALSE
0,055	0,299	0,002	0,007	0,091	FALSE
0,072	0,305	0,002	0,008	0,103	FALSE
-0,124	0,329	-0,005	0,013	0,172	FALSE
0,120	0,295	0,004	0,010	0,173	FALSE
-0,022	0,293	-0,001	0,009	0,062	FALSE
-0,070	0,316	-0,001	0,009	0,036	FALSE
0,132	0,297	0,003	0,006	0,235	FALSE
0,114	0,305	0,003	0,008	0,162	FALSE
-0,007	0,302	0,000	0,007	0,017	FALSE
0,023	0,299	0,000	0,008	0,014	FALSE
-0,034	0,317	-0,001	0,008	0,032	FALSE
-0,015	0,298	0,000	0,007	0,019	FALSE
0,067	0,295	0,004	0,013	0,122	FALSE
-0,047	0,307	-0,001	0,007	0,062	FALSE
-0,004	0,306	0,000	0,009	0,014	FALSE
0,154	0,303	0,007	0,012	0,240	FALSE
0,041	0,304	0,003	0,012	0,079	FALSE
-0,144	0,296	-0,006	0,013	0,181	FALSE
0,097	0,301	0,002	0,010	0,089	FALSE
-0,004	0,311	0,000	0,010	0,008	FALSE
0,056	0,298	0,001	0,010	0,056	FALSE
0,021	0,315	0,001	0,007	0,045	FALSE
0,161	0,306	0,006	0,013	0,202	FALSE
-0,052	0,301	-0,002	0,010	0,068	FALSE
-0,007	0,285	-0,001	0,007	0,035	FALSE
-0,034	0,300	-0,001	0,007	0,064	FALSE
0,160	0,293	0,006	0,012	0,238	FALSE
0,062	0,310	0,001	0,007	0,073	FALSE
-0,112	0,306	-0,002	0,006	0,149	FALSE
0,158	0,315	0,006	0,012	0,217	FALSE
-0,035	0,316	-0,001	0,007	0,031	FALSE
0,149	0,308	0,006	0,013	0,212	FALSE
-0,195	0,296	-0,004	0,006	0,306	FALSE
-0,019	0,314	-0,001	0,009	0,033	FALSE

0,052	0,312	0,001	0,008	0,057	FALSE
-0,023	0,318	-0,001	0,013	0,027	FALSE
0,013	0,309	0,000	0,010	0,001	FALSE
0,066	0,302	0,002	0,009	0,078	FALSE
-0,026	0,292	-0,001	0,009	0,039	FALSE
-0,002	0,305	-0,001	0,010	0,021	FALSE
0,001	0,299	0,000	0,009	0,014	FALSE
-0,006	0,321	-0,001	0,007	0,026	FALSE
0,021	0,308	0,000	0,009	0,012	FALSE
0,043	0,297	0,002	0,008	0,078	FALSE
-0,021	0,312	0,000	0,010	0,010	FALSE
-0,027	0,319	0,000	0,007	0,005	FALSE
0,063	0,321	0,001	0,006	0,076	FALSE
-0,008	0,300	0,000	0,009	0,002	FALSE
-0,012	0,303	0,000	0,009	0,009	FALSE
0,099	0,292	0,002	0,010	0,081	FALSE
0,041	0,304	0,001	0,008	0,049	FALSE
-0,030	0,299	-0,003	0,012	0,101	FALSE
-0,055	0,297	0,000	0,007	0,019	FALSE
0,158	0,313	0,004	0,009	0,188	FALSE
0,051	0,305	0,002	0,009	0,075	FALSE
-0,076	0,323	-0,003	0,013	0,092	FALSE
-0,013	0,320	0,000	0,009	0,001	FALSE
0,067	0,296	0,002	0,008	0,084	FALSE
0,029	0,301	0,001	0,008	0,039	FALSE
0,076	0,301	0,002	0,008	0,089	FALSE
0,001	0,301	0,000	0,010	0,000	FALSE
-0,069	0,300	-0,002	0,012	0,077	FALSE
0,043	0,314	0,001	0,008	0,039	FALSE
-0,016	0,312	-0,001	0,013	0,032	FALSE
-0,103	0,302	-0,003	0,007	0,163	FALSE
0,101	0,314	0,003	0,007	0,143	FALSE
0,031	0,301	0,001	0,007	0,068	FALSE
0,067	0,312	0,002	0,011	0,066	FALSE
0,017	0,307	0,001	0,009	0,055	FALSE
-0,053	0,319	-0,001	0,008	0,035	FALSE
0,006	0,317	0,000	0,010	0,007	FALSE
0,016	0,315	0,001	0,009	0,022	FALSE
0,081	0,290	0,002	0,010	0,081	FALSE
0,128	0,302	0,006	0,013	0,206	FALSE
0,065	0,305	0,003	0,012	0,092	FALSE
-0,001	0,299	-0,001	0,009	0,025	FALSE
-0,174	0,297	-0,004	0,006	0,268	FALSE
0,106	0,321	0,004	0,010	0,144	FALSE
0,032	0,304	0,001	0,010	0,037	FALSE
-0,032	0,294	-0,001	0,007	0,049	FALSE
0,070	0,306	0,004	0,013	0,113	FALSE
0,086	0,297	0,004	0,012	0,128	FALSE
0,079	0,301	0,002	0,007	0,111	FALSE
-0,027	0,308	0,000	0,013	0,011	FALSE
0,035	0,305	0,002	0,009	0,068	FALSE
0,082	0,292	0,003	0,008	0,135	FALSE
0,086	0,312	0,002	0,008	0,103	FALSE

0,003	0,308	0,001	0,010	0,026	FALSE
0,088	0,312	0,004	0,013	0,109	FALSE
0,016	0,313	0,001	0,008	0,024	FALSE
-0,035	0,307	-0,001	0,006	0,076	FALSE
-0,137	0,311	-0,005	0,012	0,168	FALSE
0,043	0,311	0,001	0,007	0,036	FALSE
-0,094	0,296	-0,004	0,013	0,110	FALSE
0,043	0,310	0,001	0,009	0,027	FALSE
-0,031	0,307	-0,001	0,008	0,029	FALSE
-0,028	0,328	-0,001	0,012	0,036	FALSE
0,065	0,303	0,001	0,009	0,063	FALSE
0,044	0,309	0,001	0,011	0,039	FALSE
0,014	0,318	0,000	0,009	0,013	FALSE
-0,032	0,306	-0,001	0,012	0,041	FALSE
0,027	0,335	0,001	0,014	0,021	FALSE
-0,009	0,322	-0,001	0,013	0,029	FALSE
0,071	0,301	0,002	0,007	0,110	FALSE
-0,129	0,307	-0,004	0,009	0,178	FALSE
-0,164	0,323	-0,003	0,007	0,202	FALSE
0,051	0,301	0,001	0,007	0,029	FALSE
-0,107	0,314	-0,003	0,009	0,142	FALSE
-0,048	0,304	-0,001	0,012	0,020	FALSE
0,069	0,292	0,001	0,006	0,043	FALSE
0,022	0,308	0,000	0,007	0,013	FALSE
0,177	0,297	0,006	0,010	0,261	FALSE
-0,105	0,303	-0,003	0,011	0,112	FALSE
-0,111	0,303	-0,003	0,007	0,161	FALSE
0,010	0,314	0,001	0,011	0,021	FALSE
0,126	0,290	0,006	0,012	0,198	FALSE
0,004	0,292	0,001	0,012	0,039	FALSE
0,059	0,303	0,002	0,007	0,087	FALSE
0,017	0,311	0,001	0,011	0,024	FALSE
0,073	0,293	0,002	0,010	0,067	FALSE
0,071	0,293	0,002	0,007	0,083	FALSE
0,139	0,290	0,004	0,010	0,185	FALSE
-0,028	0,314	0,000	0,007	0,006	FALSE
-0,006	0,303	-0,001	0,010	0,019	FALSE
-0,011	0,303	0,000	0,012	0,011	FALSE
-0,083	0,304	-0,003	0,010	0,119	FALSE
-0,046	0,306	-0,001	0,011	0,043	FALSE
0,149	0,301	0,006	0,011	0,214	FALSE
-0,117	0,293	-0,004	0,008	0,182	FALSE
-0,078	0,301	-0,002	0,010	0,079	FALSE
0,011	0,302	0,000	0,007	0,012	FALSE
0,087	0,300	0,004	0,012	0,116	FALSE
0,086	0,293	0,003	0,008	0,139	FALSE
0,005	0,317	0,000	0,008	0,020	FALSE
0,113	0,311	0,005	0,012	0,180	FALSE
0,128	0,304	0,005	0,012	0,173	FALSE
0,150	0,322	0,004	0,009	0,186	FALSE
0,019	0,296	0,000	0,012	0,008	FALSE
0,004	0,306	0,000	0,010	0,008	FALSE
0,108	0,297	0,004	0,010	0,146	FALSE

0,102	0,306	0,003	0,010	0,131	FALSE
0,065	0,309	0,001	0,006	0,064	FALSE
0,048	0,322	0,001	0,007	0,044	FALSE
0,002	0,304	0,000	0,011	0,008	FALSE
-0,113	0,317	-0,002	0,007	0,132	FALSE
0,066	0,308	0,002	0,011	0,063	FALSE
-0,048	0,304	-0,002	0,011	0,058	FALSE
-0,009	0,316	-0,001	0,012	0,021	FALSE
-0,174	0,314	-0,004	0,007	0,246	FALSE
-0,070	0,313	-0,002	0,011	0,080	FALSE
0,004	0,315	0,000	0,008	0,006	FALSE
-0,002	0,312	0,000	0,009	0,008	FALSE
-0,030	0,289	-0,001	0,007	0,035	FALSE
-0,007	0,293	0,000	0,012	0,003	FALSE
0,052	0,301	0,001	0,009	0,037	FALSE
-0,008	0,308	-0,001	0,010	0,038	FALSE
0,103	0,312	0,004	0,012	0,125	FALSE
0,067	0,310	0,002	0,011	0,073	FALSE
0,023	0,299	0,000	0,006	0,027	FALSE
-0,041	0,302	-0,002	0,010	0,057	FALSE
-0,110	0,306	-0,004	0,011	0,141	FALSE
-0,026	0,307	0,000	0,009	0,007	FALSE
0,028	0,297	0,000	0,008	0,007	FALSE
-0,044	0,296	-0,001	0,008	0,035	FALSE
0,056	0,303	0,003	0,012	0,092	FALSE
0,078	0,323	0,002	0,009	0,096	FALSE
-0,073	0,303	-0,002	0,009	0,064	FALSE
-0,032	0,302	0,000	0,007	0,009	FALSE
-0,122	0,311	-0,005	0,013	0,159	FALSE
0,035	0,304	0,001	0,009	0,054	FALSE
-0,100	0,308	-0,002	0,007	0,105	FALSE
-0,127	0,307	-0,005	0,013	0,164	FALSE
0,133	0,303	0,004	0,010	0,165	FALSE
0,046	0,305	0,001	0,008	0,021	FALSE
-0,067	0,313	-0,001	0,007	0,061	FALSE
-0,082	0,304	-0,001	0,007	0,069	FALSE
-0,076	0,322	-0,002	0,008	0,079	FALSE
0,042	0,305	0,003	0,012	0,081	FALSE
0,031	0,324	0,002	0,012	0,054	FALSE
-0,056	0,309	-0,002	0,009	0,081	FALSE
0,011	0,298	0,001	0,009	0,032	FALSE
0,150	0,301	0,003	0,007	0,161	FALSE
-0,160	0,302	-0,004	0,008	0,188	FALSE
-0,182	0,301	-0,004	0,006	0,263	FALSE
-0,054	0,304	-0,003	0,012	0,078	FALSE
0,069	0,312	0,001	0,007	0,069	FALSE
0,020	0,311	0,001	0,006	0,035	FALSE
-0,072	0,306	-0,002	0,008	0,100	FALSE
0,072	0,304	0,001	0,006	0,085	FALSE
0,151	0,315	0,004	0,009	0,204	FALSE
-0,126	0,311	-0,005	0,013	0,155	FALSE
-0,018	0,314	-0,001	0,013	0,031	FALSE
-0,002	0,305	0,000	0,012	0,004	FALSE

-0,156	0,301	-0,005	0,012	0,176	FALSE
0,065	0,305	0,001	0,008	0,060	FALSE
0,028	0,322	0,001	0,013	0,029	FALSE
0,034	0,301	0,001	0,013	0,031	FALSE
-0,003	0,298	-0,001	0,012	0,016	FALSE
-0,175	0,307	-0,007	0,013	0,209	FALSE
-0,148	0,305	-0,006	0,013	0,198	FALSE
-0,087	0,317	-0,003	0,011	0,109	FALSE
0,105	0,313	0,002	0,007	0,121	FALSE
0,087	0,309	0,002	0,007	0,121	FALSE
-0,002	0,306	0,000	0,012	0,000	FALSE
0,084	0,301	0,002	0,007	0,105	FALSE
-0,010	0,306	0,000	0,013	0,008	FALSE
0,070	0,314	0,002	0,010	0,090	FALSE
0,188	0,288	0,006	0,009	0,276	FALSE
-0,003	0,303	0,000	0,010	0,004	FALSE
-0,167	0,282	-0,008	0,012	0,278	FALSE
-0,018	0,314	0,000	0,011	0,013	FALSE
0,058	0,299	0,002	0,013	0,051	FALSE
0,045	0,293	0,002	0,013	0,045	FALSE
0,090	0,315	0,002	0,009	0,098	FALSE
-0,014	0,296	0,000	0,007	0,004	FALSE
0,126	0,308	0,003	0,007	0,164	FALSE
0,021	0,315	0,001	0,007	0,034	FALSE
-0,039	0,306	-0,001	0,011	0,032	FALSE
-0,098	0,308	-0,005	0,012	0,161	FALSE
-0,118	0,303	-0,003	0,010	0,132	FALSE
0,075	0,314	0,002	0,007	0,090	FALSE
0,168	0,305	0,005	0,009	0,239	FALSE
-0,057	0,289	-0,003	0,008	0,121	FALSE
-0,044	0,302	-0,002	0,009	0,096	FALSE
0,011	0,294	0,000	0,009	0,009	FALSE
0,210	0,305	0,007	0,009	0,350	FALSE
0,240	0,292	0,008	0,009	0,430	FALSE
0,160	0,286	0,004	0,007	0,206	FALSE
0,105	0,307	0,003	0,009	0,130	FALSE
0,099	0,317	0,003	0,008	0,135	FALSE
-0,082	0,299	-0,003	0,011	0,117	FALSE
-0,179	0,299	-0,004	0,008	0,255	FALSE
-0,078	0,305	-0,002	0,007	0,089	FALSE
0,056	0,304	0,003	0,013	0,082	FALSE
0,087	0,299	0,002	0,008	0,116	FALSE
-0,035	0,297	-0,002	0,010	0,080	FALSE
0,032	0,318	0,001	0,012	0,015	FALSE
0,001	0,308	0,000	0,008	0,009	FALSE
0,027	0,287	0,001	0,007	0,071	FALSE
0,006	0,306	0,001	0,008	0,038	FALSE
-0,020	0,306	0,000	0,007	0,005	FALSE
-0,089	0,304	-0,002	0,008	0,090	FALSE
0,197	0,298	0,008	0,012	0,276	FALSE
-0,131	0,312	-0,003	0,009	0,149	FALSE
-0,037	0,289	-0,001	0,006	0,088	FALSE
-0,192	0,308	-0,007	0,011	0,266	FALSE

-0,036	0,290	-0,002	0,009	0,076	FALSE
-0,118	0,316	-0,004	0,009	0,169	FALSE
-0,074	0,309	-0,003	0,011	0,109	FALSE
0,011	0,298	0,000	0,008	0,010	FALSE
-0,009	0,304	0,000	0,008	0,014	FALSE
0,072	0,309	0,002	0,010	0,080	FALSE
0,065	0,309	0,002	0,010	0,085	FALSE
0,124	0,296	0,003	0,007	0,156	FALSE
-0,028	0,306	-0,001	0,010	0,030	FALSE
0,020	0,305	0,000	0,006	0,026	FALSE
0,093	0,293	0,003	0,009	0,117	FALSE
0,004	0,307	0,000	0,006	0,019	FALSE
-0,040	0,299	-0,002	0,012	0,053	FALSE
0,055	0,311	0,002	0,013	0,061	FALSE
-0,094	0,318	-0,002	0,008	0,093	FALSE
-0,046	0,313	-0,001	0,008	0,038	FALSE
-0,038	0,322	-0,001	0,008	0,032	FALSE
-0,081	0,294	-0,004	0,013	0,108	FALSE
-0,075	0,310	-0,002	0,006	0,108	FALSE
0,036	0,298	0,001	0,006	0,052	FALSE
-0,107	0,316	-0,005	0,013	0,144	FALSE
0,071	0,296	0,001	0,010	0,041	FALSE
0,082	0,309	0,002	0,009	0,096	FALSE
-0,075	0,305	-0,002	0,008	0,074	FALSE
-0,029	0,312	-0,001	0,009	0,055	FALSE
0,115	0,297	0,005	0,010	0,186	FALSE
-0,008	0,305	0,000	0,012	0,012	FALSE
-0,099	0,311	-0,002	0,007	0,131	FALSE
-0,023	0,310	-0,001	0,013	0,031	FALSE
-0,120	0,308	-0,005	0,012	0,169	FALSE
-0,091	0,314	-0,002	0,009	0,093	FALSE
-0,013	0,318	0,000	0,009	0,002	FALSE
0,059	0,301	0,002	0,012	0,077	FALSE
-0,042	0,305	-0,002	0,011	0,062	FALSE
-0,001	0,316	0,001	0,009	0,026	FALSE
-0,064	0,304	-0,002	0,009	0,083	FALSE
-0,039	0,315	-0,002	0,011	0,058	FALSE
0,005	0,303	0,000	0,012	0,008	FALSE
-0,070	0,311	-0,002	0,010	0,088	FALSE
-0,076	0,313	-0,001	0,007	0,071	FALSE
0,102	0,312	0,002	0,007	0,103	FALSE
-0,129	0,318	-0,004	0,010	0,177	FALSE
-0,063	0,306	-0,002	0,009	0,083	FALSE
0,051	0,305	0,001	0,006	0,066	FALSE
-0,039	0,306	-0,001	0,011	0,032	FALSE
0,034	0,304	0,001	0,009	0,057	FALSE
0,083	0,285	0,002	0,006	0,094	FALSE
0,133	0,300	0,004	0,008	0,202	FALSE
-0,024	0,312	0,000	0,006	0,014	FALSE
-0,087	0,294	-0,003	0,008	0,124	FALSE
0,052	0,306	0,001	0,006	0,082	FALSE
-0,025	0,314	-0,001	0,010	0,024	FALSE
-0,107	0,296	-0,003	0,008	0,135	FALSE

0,059	0,283	0,003	0,012	0,092	FALSE
0,073	0,297	0,003	0,012	0,079	FALSE
0,135	0,297	0,006	0,013	0,182	FALSE
-0,042	0,314	-0,002	0,011	0,065	FALSE
0,116	0,298	0,004	0,012	0,146	FALSE
0,029	0,307	0,001	0,007	0,053	FALSE
0,056	0,311	0,002	0,011	0,062	FALSE
-0,106	0,289	-0,005	0,013	0,168	FALSE
0,127	0,318	0,003	0,007	0,164	FALSE
0,061	0,298	0,002	0,011	0,059	FALSE
0,007	0,321	0,002	0,013	0,043	FALSE
-0,026	0,309	-0,001	0,009	0,035	FALSE
0,011	0,292	0,001	0,009	0,057	FALSE
-0,010	0,310	0,000	0,013	0,009	FALSE
-0,045	0,305	-0,002	0,012	0,061	FALSE
-0,045	0,311	-0,002	0,013	0,043	FALSE
0,122	0,297	0,003	0,006	0,178	FALSE
0,045	0,297	0,001	0,008	0,038	FALSE
-0,017	0,317	0,000	0,008	0,019	FALSE
-0,151	0,298	-0,006	0,012	0,212	FALSE
0,166	0,290	0,005	0,009	0,223	FALSE
0,094	0,308	0,001	0,006	0,087	FALSE
0,141	0,298	0,003	0,007	0,177	FALSE
-0,011	0,308	-0,001	0,010	0,034	FALSE
0,027	0,306	0,000	0,006	0,012	FALSE
0,061	0,297	0,003	0,011	0,090	FALSE
0,022	0,319	0,000	0,007	0,011	FALSE
0,077	0,298	0,003	0,008	0,125	FALSE
-0,066	0,314	-0,002	0,012	0,079	FALSE
-0,073	0,312	-0,002	0,007	0,094	FALSE
-0,014	0,303	0,000	0,008	0,019	FALSE
-0,002	0,306	0,000	0,006	0,009	FALSE
0,034	0,317	0,001	0,007	0,041	FALSE
0,045	0,318	0,002	0,008	0,089	FALSE
-0,062	0,302	-0,003	0,010	0,095	FALSE
-0,015	0,309	0,000	0,007	0,002	FALSE
0,083	0,302	0,002	0,008	0,089	FALSE
0,002	0,311	0,000	0,010	0,016	FALSE
-0,075	0,310	-0,002	0,010	0,083	FALSE
0,041	0,310	0,001	0,006	0,069	FALSE
0,093	0,307	0,003	0,013	0,093	FALSE
-0,045	0,306	-0,002	0,007	0,091	FALSE
0,061	0,303	0,002	0,010	0,065	FALSE
0,059	0,302	0,002	0,009	0,068	FALSE
0,123	0,308	0,004	0,010	0,161	FALSE
0,099	0,305	0,003	0,010	0,126	FALSE
0,018	0,314	0,001	0,012	0,042	FALSE
0,037	0,314	0,001	0,010	0,024	FALSE
0,099	0,305	0,003	0,008	0,160	FALSE
-0,032	0,314	-0,001	0,012	0,030	FALSE
0,023	0,308	0,001	0,011	0,035	FALSE
-0,080	0,306	-0,003	0,009	0,110	FALSE
-0,120	0,309	-0,003	0,008	0,154	FALSE

-0,055	0,285	-0,002	0,012	0,063	FALSE
0,056	0,311	0,002	0,012	0,062	FALSE
-0,113	0,310	-0,004	0,009	0,156	FALSE
-0,034	0,310	-0,001	0,011	0,020	FALSE
0,014	0,315	0,000	0,007	0,008	FALSE
0,214	0,295	0,007	0,009	0,353	FALSE
0,117	0,308	0,005	0,013	0,147	FALSE
0,064	0,312	0,002	0,009	0,100	FALSE
0,030	0,303	0,001	0,010	0,049	FALSE
0,061	0,305	0,002	0,007	0,102	FALSE
-0,073	0,316	-0,001	0,007	0,076	FALSE
0,013	0,315	0,001	0,009	0,043	FALSE
-0,040	0,304	-0,001	0,007	0,075	FALSE
-0,050	0,305	-0,001	0,006	0,077	FALSE
0,034	0,305	0,001	0,008	0,068	FALSE
-0,057	0,303	-0,003	0,012	0,085	FALSE
0,150	0,308	0,007	0,012	0,252	FALSE
0,099	0,286	0,005	0,013	0,165	FALSE
0,111	0,275	0,006	0,012	0,202	FALSE
-0,020	0,315	0,000	0,011	0,007	FALSE
-0,061	0,307	-0,002	0,013	0,056	FALSE
-0,035	0,311	-0,001	0,008	0,061	FALSE
0,012	0,297	0,002	0,011	0,062	FALSE
0,007	0,298	0,000	0,008	0,006	FALSE
-0,099	0,318	-0,002	0,008	0,110	FALSE
-0,007	0,306	0,000	0,006	0,004	FALSE
-0,072	0,318	-0,004	0,012	0,112	FALSE
-0,008	0,322	0,000	0,007	0,009	FALSE
-0,106	0,308	-0,002	0,007	0,119	FALSE
-0,021	0,307	0,000	0,007	0,008	FALSE
0,030	0,301	0,001	0,006	0,058	FALSE
-0,098	0,311	-0,004	0,011	0,123	FALSE
-0,050	0,298	-0,002	0,008	0,076	FALSE
0,055	0,300	0,001	0,006	0,079	FALSE
0,078	0,303	0,003	0,010	0,094	FALSE
-0,086	0,305	-0,001	0,006	0,089	FALSE
0,149	0,298	0,004	0,010	0,188	FALSE
0,145	0,317	0,004	0,010	0,186	FALSE
-0,043	0,309	-0,001	0,008	0,051	FALSE
-0,009	0,309	0,000	0,011	0,002	FALSE
0,117	0,302	0,003	0,007	0,156	FALSE
0,015	0,307	0,000	0,011	0,003	FALSE
0,021	0,319	0,001	0,007	0,048	FALSE
-0,090	0,297	-0,004	0,012	0,133	FALSE
-0,060	0,315	-0,001	0,009	0,059	FALSE
-0,088	0,319	-0,003	0,009	0,112	FALSE
0,096	0,322	0,003	0,011	0,092	FALSE
-0,012	0,317	0,000	0,010	0,008	FALSE
-0,044	0,311	-0,001	0,009	0,049	FALSE
-0,004	0,302	0,000	0,009	0,005	FALSE
-0,049	0,313	-0,001	0,007	0,045	FALSE
0,099	0,291	0,003	0,011	0,119	FALSE
0,010	0,305	0,000	0,011	0,013	FALSE

0,069	0,299	0,003	0,009	0,105	FALSE
-0,020	0,309	0,000	0,009	0,018	FALSE
0,086	0,318	0,002	0,008	0,116	FALSE
0,049	0,306	0,002	0,007	0,095	FALSE
0,086	0,315	0,003	0,013	0,103	FALSE
-0,019	0,316	-0,001	0,012	0,030	FALSE
0,050	0,320	0,001	0,013	0,037	FALSE
-0,074	0,304	-0,001	0,008	0,071	FALSE
0,064	0,320	0,002	0,012	0,046	FALSE
0,000	0,323	0,000	0,010	0,009	FALSE
-0,005	0,312	0,000	0,010	0,012	FALSE
0,116	0,291	0,004	0,011	0,136	FALSE
0,004	0,306	0,000	0,011	0,005	FALSE
-0,119	0,318	-0,002	0,007	0,105	FALSE
0,018	0,322	0,000	0,007	0,015	FALSE
0,034	0,323	0,001	0,009	0,057	FALSE
-0,032	0,298	-0,002	0,011	0,063	FALSE
-0,022	0,314	-0,001	0,009	0,040	FALSE
0,061	0,314	0,001	0,008	0,066	FALSE
0,075	0,309	0,002	0,007	0,086	FALSE
0,045	0,290	0,001	0,006	0,063	FALSE
-0,038	0,317	-0,001	0,013	0,035	FALSE
-0,040	0,304	-0,001	0,013	0,041	FALSE
-0,003	0,290	0,000	0,010	0,011	FALSE
-0,062	0,307	-0,003	0,013	0,094	FALSE
-0,022	0,296	-0,001	0,010	0,035	FALSE
-0,036	0,310	-0,001	0,008	0,043	FALSE
0,006	0,315	0,000	0,009	0,017	FALSE
-0,048	0,303	-0,002	0,012	0,053	FALSE
0,144	0,299	0,007	0,011	0,249	FALSE
0,103	0,328	0,005	0,013	0,157	FALSE
0,109	0,311	0,005	0,013	0,153	FALSE
0,003	0,312	0,000	0,009	0,004	FALSE
0,001	0,316	0,000	0,007	0,013	FALSE
0,066	0,309	0,002	0,008	0,104	FALSE
0,055	0,307	0,002	0,007	0,083	FALSE
-0,133	0,302	-0,003	0,009	0,157	FALSE
-0,078	0,310	-0,002	0,007	0,100	FALSE
0,075	0,310	0,001	0,007	0,081	FALSE
-0,055	0,313	-0,001	0,007	0,069	FALSE
-0,075	0,319	-0,002	0,007	0,091	FALSE
0,036	0,295	0,002	0,012	0,057	FALSE
-0,007	0,314	0,000	0,010	0,008	FALSE
-0,175	0,313	-0,004	0,007	0,237	FALSE
-0,026	0,318	-0,001	0,011	0,036	FALSE
0,013	0,303	0,000	0,008	0,008	FALSE
-0,019	0,307	-0,001	0,010	0,040	FALSE
0,024	0,314	0,000	0,007	0,011	FALSE
0,103	0,319	0,002	0,008	0,128	FALSE
-0,013	0,301	-0,001	0,007	0,027	FALSE
-0,028	0,305	-0,001	0,006	0,031	FALSE
0,070	0,308	0,002	0,009	0,092	FALSE
0,003	0,307	-0,001	0,012	0,017	FALSE

0,070	0,303	0,001	0,007	0,082	FALSE
0,026	0,311	0,001	0,008	0,028	FALSE
0,182	0,306	0,007	0,012	0,256	FALSE
-0,048	0,322	-0,002	0,013	0,058	FALSE
0,024	0,311	0,001	0,011	0,031	FALSE
0,041	0,315	0,001	0,009	0,050	FALSE
-0,108	0,301	-0,004	0,011	0,149	FALSE
-0,033	0,297	-0,001	0,007	0,033	FALSE
-0,004	0,299	0,001	0,008	0,026	FALSE
-0,049	0,310	-0,001	0,008	0,052	FALSE
-0,045	0,309	-0,002	0,008	0,075	FALSE
-0,044	0,320	-0,002	0,013	0,052	FALSE
0,122	0,305	0,002	0,006	0,148	FALSE
0,115	0,304	0,002	0,006	0,156	FALSE
-0,021	0,299	0,001	0,010	0,020	FALSE
-0,099	0,304	-0,003	0,008	0,130	FALSE
-0,099	0,302	-0,004	0,011	0,137	FALSE
0,031	0,318	0,000	0,007	0,017	FALSE
-0,068	0,295	-0,001	0,008	0,059	FALSE
0,028	0,317	0,000	0,009	0,017	FALSE
0,050	0,318	0,001	0,008	0,029	FALSE
0,016	0,309	0,000	0,010	0,005	FALSE
0,044	0,331	0,001	0,008	0,050	FALSE
0,116	0,304	0,003	0,007	0,157	FALSE
-0,030	0,321	-0,001	0,009	0,036	FALSE
-0,033	0,329	-0,001	0,008	0,033	FALSE
-0,059	0,311	-0,002	0,009	0,079	FALSE
0,144	0,290	0,005	0,011	0,205	FALSE
0,065	0,293	0,002	0,012	0,079	FALSE
-0,102	0,299	-0,002	0,009	0,088	FALSE
-0,014	0,290	-0,001	0,012	0,017	FALSE
0,001	0,302	-0,001	0,011	0,019	FALSE
0,002	0,311	0,000	0,007	0,021	FALSE
-0,093	0,302	-0,002	0,007	0,127	FALSE
0,081	0,300	0,003	0,011	0,118	FALSE
0,052	0,318	0,003	0,012	0,079	FALSE
0,046	0,319	0,002	0,013	0,054	FALSE
-0,069	0,308	-0,003	0,010	0,109	FALSE
-0,008	0,292	-0,001	0,008	0,028	FALSE
-0,212	0,294	-0,009	0,011	0,348	FALSE
-0,053	0,304	-0,001	0,009	0,034	FALSE
-0,057	0,292	-0,002	0,010	0,075	FALSE
-0,097	0,303	-0,003	0,010	0,125	FALSE
0,067	0,302	0,002	0,011	0,082	FALSE
0,153	0,299	0,003	0,007	0,210	FALSE
-0,036	0,305	-0,001	0,010	0,036	FALSE
-0,154	0,306	-0,003	0,007	0,196	FALSE
-0,004	0,294	-0,001	0,011	0,017	FALSE
-0,059	0,312	-0,002	0,008	0,104	FALSE
-0,008	0,302	0,000	0,007	0,001	FALSE
-0,093	0,320	-0,002	0,007	0,106	FALSE
-0,010	0,328	0,000	0,008	0,013	FALSE
0,009	0,303	0,000	0,009	0,000	FALSE

-0,011	0,302	0,000	0,007	0,007	FALSE
-0,076	0,297	-0,003	0,009	0,114	FALSE
0,032	0,308	0,001	0,011	0,040	FALSE
0,107	0,306	0,004	0,009	0,166	FALSE
-0,023	0,313	-0,002	0,013	0,053	FALSE
-0,017	0,296	-0,002	0,010	0,058	FALSE
0,020	0,323	0,000	0,008	0,001	FALSE
0,052	0,317	0,002	0,013	0,060	FALSE
0,052	0,315	0,001	0,009	0,040	FALSE
0,055	0,309	0,002	0,012	0,065	FALSE
0,033	0,312	0,001	0,009	0,029	FALSE
0,054	0,319	0,002	0,010	0,058	FALSE
-0,009	0,317	-0,001	0,013	0,015	FALSE
0,165	0,296	0,004	0,008	0,211	FALSE
-0,029	0,302	-0,001	0,011	0,047	FALSE
0,103	0,301	0,003	0,013	0,104	FALSE
0,104	0,291	0,003	0,009	0,136	FALSE
0,122	0,313	0,003	0,008	0,144	FALSE
0,112	0,303	0,004	0,013	0,139	FALSE
-0,036	0,307	-0,001	0,013	0,016	FALSE
0,090	0,292	0,003	0,008	0,126	FALSE
0,109	0,297	0,003	0,008	0,141	FALSE
-0,059	0,310	-0,001	0,007	0,063	FALSE
-0,110	0,309	-0,003	0,008	0,152	FALSE
-0,045	0,302	-0,001	0,007	0,071	FALSE
-0,009	0,301	0,000	0,009	0,015	FALSE
0,011	0,305	0,000	0,012	0,005	FALSE
0,033	0,296	0,001	0,008	0,041	FALSE
-0,112	0,299	-0,004	0,012	0,154	FALSE
0,086	0,315	0,002	0,007	0,119	FALSE
0,135	0,320	0,004	0,008	0,193	FALSE
0,155	0,307	0,004	0,008	0,226	FALSE
-0,160	0,298	-0,006	0,011	0,218	FALSE
0,040	0,312	0,001	0,007	0,046	FALSE
0,064	0,293	0,002	0,009	0,079	FALSE
-0,083	0,308	-0,003	0,011	0,092	FALSE
-0,114	0,310	-0,004	0,010	0,160	FALSE
0,027	0,306	0,001	0,010	0,038	FALSE
0,058	0,304	0,002	0,010	0,070	FALSE
-0,042	0,299	-0,002	0,010	0,070	FALSE
-0,015	0,313	0,000	0,006	0,020	FALSE
0,048	0,308	0,002	0,013	0,047	FALSE
0,011	0,314	0,000	0,006	0,014	FALSE
0,109	0,319	0,003	0,009	0,144	FALSE
0,004	0,310	0,000	0,011	0,009	FALSE
-0,209	0,299	-0,005	0,007	0,322	FALSE
-0,064	0,304	-0,002	0,011	0,058	FALSE
0,092	0,306	0,002	0,007	0,137	FALSE
-0,027	0,307	-0,001	0,009	0,031	FALSE
0,044	0,300	0,001	0,011	0,048	FALSE
-0,008	0,302	0,000	0,012	0,010	FALSE
0,050	0,317	0,002	0,011	0,069	FALSE
-0,019	0,310	-0,001	0,008	0,044	FALSE

0,108	0,309	0,003	0,006	0,161	FALSE
0,029	0,302	0,001	0,006	0,042	FALSE
0,128	0,305	0,005	0,012	0,183	FALSE
-0,011	0,316	-0,001	0,010	0,035	FALSE
0,081	0,302	0,004	0,012	0,131	FALSE
0,093	0,307	0,002	0,006	0,112	FALSE
0,045	0,303	0,001	0,006	0,069	FALSE
-0,132	0,299	-0,006	0,012	0,210	FALSE
-0,040	0,306	-0,002	0,011	0,059	FALSE
-0,141	0,297	-0,004	0,009	0,208	FALSE
-0,142	0,305	-0,004	0,009	0,195	FALSE
0,005	0,318	0,001	0,012	0,034	FALSE
0,056	0,292	0,001	0,007	0,041	FALSE
0,155	0,311	0,004	0,008	0,202	FALSE
0,085	0,294	0,003	0,013	0,085	FALSE
0,020	0,307	0,001	0,009	0,020	FALSE
0,073	0,287	0,002	0,009	0,103	FALSE
0,021	0,299	0,001	0,008	0,029	FALSE
0,010	0,322	0,000	0,010	0,006	FALSE
0,039	0,295	0,001	0,006	0,086	FALSE
0,048	0,314	0,001	0,007	0,075	FALSE
-0,026	0,306	-0,001	0,007	0,033	FALSE
0,018	0,317	0,000	0,010	0,005	FALSE
-0,187	0,307	-0,005	0,007	0,275	FALSE
0,073	0,297	0,001	0,007	0,073	FALSE
-0,117	0,296	-0,005	0,011	0,180	FALSE
-0,054	0,293	-0,002	0,012	0,071	FALSE
-0,003	0,309	0,000	0,012	0,006	FALSE
-0,050	0,298	-0,002	0,009	0,084	FALSE
-0,060	0,316	-0,003	0,009	0,106	FALSE
-0,019	0,308	-0,001	0,012	0,018	FALSE
0,137	0,300	0,006	0,012	0,209	FALSE
0,059	0,302	0,002	0,012	0,076	FALSE
-0,116	0,310	-0,005	0,012	0,153	FALSE
-0,117	0,309	-0,004	0,009	0,167	FALSE
-0,100	0,316	-0,003	0,009	0,129	FALSE
0,036	0,306	0,001	0,007	0,039	FALSE
0,004	0,303	0,000	0,007	0,004	FALSE
0,000	0,308	0,000	0,009	0,011	FALSE
-0,054	0,305	-0,001	0,008	0,029	FALSE
0,085	0,311	0,004	0,012	0,115	FALSE
0,062	0,291	0,002	0,008	0,106	FALSE
0,040	0,302	0,002	0,012	0,046	FALSE
-0,034	0,303	0,000	0,006	0,009	FALSE
-0,043	0,319	-0,001	0,007	0,042	FALSE
-0,105	0,285	-0,003	0,010	0,127	FALSE
-0,134	0,309	-0,003	0,007	0,173	FALSE
-0,091	0,318	-0,004	0,013	0,106	FALSE
0,017	0,315	0,001	0,010	0,019	FALSE
0,007	0,322	0,000	0,009	0,017	FALSE
-0,019	0,328	-0,001	0,013	0,040	FALSE
-0,048	0,304	-0,001	0,013	0,028	FALSE
-0,006	0,295	0,000	0,008	0,010	FALSE

0,154	0,291	0,005	0,009	0,271	FALSE
0,082	0,297	0,003	0,011	0,104	FALSE
-0,004	0,296	0,000	0,009	0,002	FALSE
-0,110	0,303	-0,004	0,011	0,160	FALSE
-0,099	0,303	-0,003	0,009	0,127	FALSE
-0,069	0,293	-0,002	0,007	0,079	FALSE
0,091	0,308	0,002	0,007	0,127	FALSE
-0,002	0,309	0,000	0,012	0,012	FALSE
0,196	0,277	0,005	0,010	0,244	FALSE
0,190	0,285	0,004	0,007	0,242	FALSE
0,100	0,307	0,003	0,008	0,134	FALSE
0,029	0,310	0,001	0,011	0,047	FALSE
0,114	0,320	0,003	0,007	0,175	FALSE
0,005	0,312	0,000	0,007	0,024	FALSE
0,064	0,287	0,002	0,007	0,094	FALSE
0,022	0,305	0,000	0,007	0,004	FALSE
-0,006	0,307	0,001	0,012	0,034	FALSE
0,006	0,300	0,000	0,008	0,001	FALSE
-0,058	0,305	-0,001	0,009	0,047	FALSE
0,010	0,307	0,000	0,008	0,001	FALSE
-0,094	0,316	-0,003	0,009	0,116	FALSE
0,022	0,312	0,000	0,006	0,016	FALSE
-0,111	0,306	-0,005	0,013	0,151	FALSE
0,037	0,322	0,000	0,007	0,017	FALSE
0,106	0,311	0,004	0,010	0,147	FALSE
0,007	0,301	0,000	0,006	0,005	FALSE
-0,022	0,306	0,000	0,006	0,023	FALSE
0,113	0,306	0,004	0,009	0,189	FALSE
-0,047	0,315	-0,002	0,013	0,064	FALSE
0,030	0,293	0,001	0,006	0,046	FALSE
0,083	0,315	0,003	0,011	0,125	FALSE
0,117	0,297	0,003	0,008	0,148	FALSE
0,041	0,307	0,001	0,011	0,039	FALSE
0,063	0,301	0,003	0,013	0,095	FALSE
-0,029	0,304	0,000	0,008	0,020	FALSE
-0,035	0,319	-0,001	0,007	0,037	FALSE
-0,049	0,298	-0,002	0,010	0,063	FALSE
0,030	0,312	0,000	0,009	0,018	FALSE
-0,035	0,294	0,000	0,006	0,026	FALSE
0,028	0,296	0,002	0,012	0,046	FALSE
-0,026	0,296	-0,001	0,008	0,028	FALSE
0,052	0,309	0,003	0,011	0,097	FALSE
0,041	0,311	0,001	0,010	0,025	FALSE
-0,052	0,301	-0,001	0,011	0,022	FALSE
-0,067	0,310	-0,004	0,013	0,108	FALSE
0,078	0,316	0,004	0,013	0,111	FALSE
-0,042	0,299	-0,002	0,010	0,067	FALSE
0,024	0,313	0,001	0,009	0,019	FALSE
0,040	0,312	0,001	0,006	0,045	FALSE
0,155	0,306	0,006	0,010	0,236	FALSE
-0,081	0,311	-0,002	0,007	0,097	FALSE
0,088	0,288	0,004	0,011	0,153	FALSE
0,037	0,301	0,001	0,009	0,044	FALSE

-0,056	0,304	-0,001	0,007	0,053	FALSE
-0,018	0,306	-0,001	0,008	0,027	FALSE
-0,041	0,303	-0,001	0,010	0,051	FALSE
-0,029	0,302	-0,001	0,010	0,046	FALSE
-0,073	0,304	-0,002	0,008	0,099	FALSE
0,036	0,305	0,001	0,010	0,050	FALSE
-0,025	0,308	-0,001	0,007	0,037	FALSE
-0,076	0,307	-0,004	0,011	0,145	FALSE
0,062	0,307	0,002	0,012	0,060	FALSE
0,057	0,304	0,001	0,012	0,042	FALSE
0,031	0,311	0,000	0,013	0,008	FALSE
0,059	0,289	0,002	0,007	0,108	FALSE
0,084	0,319	0,003	0,011	0,120	FALSE
-0,068	0,313	-0,002	0,009	0,064	FALSE
0,077	0,306	0,003	0,008	0,132	FALSE
0,076	0,301	0,003	0,011	0,090	FALSE
0,083	0,317	0,003	0,012	0,091	FALSE
0,087	0,313	0,002	0,007	0,120	FALSE
-0,034	0,306	0,000	0,012	0,013	FALSE
-0,075	0,316	-0,002	0,007	0,092	FALSE
0,005	0,297	0,000	0,006	0,021	FALSE
-0,009	0,315	-0,001	0,013	0,014	FALSE
-0,088	0,301	-0,002	0,008	0,076	FALSE
0,043	0,301	0,001	0,011	0,044	FALSE
-0,062	0,301	-0,002	0,012	0,077	FALSE
-0,010	0,310	-0,001	0,013	0,016	FALSE
0,089	0,314	0,004	0,013	0,108	FALSE
0,097	0,307	0,004	0,012	0,122	FALSE
0,066	0,314	0,003	0,013	0,084	FALSE
0,088	0,302	0,002	0,006	0,121	FALSE
-0,125	0,296	-0,003	0,007	0,202	FALSE
0,011	0,302	0,001	0,012	0,017	FALSE
0,096	0,299	0,002	0,007	0,126	FALSE
-0,086	0,303	-0,004	0,013	0,116	FALSE
0,003	0,300	0,000	0,012	0,012	FALSE
-0,023	0,297	-0,002	0,012	0,058	FALSE
-0,056	0,316	-0,002	0,009	0,065	FALSE
0,012	0,298	0,001	0,012	0,027	FALSE
0,013	0,309	0,001	0,009	0,023	FALSE
0,019	0,295	0,001	0,009	0,035	FALSE
0,041	0,311	0,002	0,010	0,074	FALSE
0,017	0,313	0,001	0,008	0,053	FALSE
0,018	0,306	0,001	0,007	0,036	FALSE
-0,071	0,308	-0,002	0,006	0,094	FALSE
-0,042	0,299	-0,001	0,008	0,036	FALSE
-0,012	0,303	0,000	0,008	0,001	FALSE
-0,036	0,309	-0,001	0,012	0,039	FALSE
-0,060	0,304	-0,002	0,009	0,067	FALSE
0,088	0,318	0,004	0,013	0,133	FALSE
-0,139	0,299	-0,005	0,012	0,167	FALSE
-0,034	0,302	-0,002	0,011	0,059	FALSE
-0,043	0,314	-0,001	0,009	0,049	FALSE
0,034	0,303	0,001	0,008	0,067	FALSE

-0,189	0,300	-0,005	0,008	0,255	FALSE
-0,029	0,303	0,000	0,012	0,010	FALSE
0,002	0,312	-0,002	0,013	0,054	FALSE
-0,068	0,315	-0,002	0,010	0,087	FALSE
-0,133	0,311	-0,002	0,006	0,156	FALSE
0,023	0,313	0,001	0,009	0,050	FALSE
-0,036	0,308	-0,001	0,012	0,026	FALSE
-0,042	0,291	-0,001	0,011	0,046	FALSE
0,125	0,300	0,005	0,012	0,171	FALSE
0,130	0,314	0,005	0,013	0,168	FALSE
0,051	0,310	0,001	0,007	0,041	FALSE
-0,016	0,310	-0,001	0,013	0,026	FALSE
-0,072	0,289	-0,001	0,006	0,078	FALSE
-0,028	0,314	0,000	0,007	0,019	FALSE
0,038	0,311	0,002	0,010	0,084	FALSE
0,164	0,310	0,004	0,007	0,225	FALSE
0,176	0,313	0,006	0,010	0,265	FALSE
-0,138	0,307	-0,006	0,013	0,187	FALSE
0,046	0,301	0,001	0,006	0,069	FALSE
-0,067	0,287	-0,002	0,008	0,089	FALSE
0,014	0,321	0,000	0,011	0,006	FALSE
0,058	0,310	0,003	0,012	0,077	FALSE
-0,012	0,295	0,001	0,006	0,040	FALSE
-0,086	0,306	-0,002	0,007	0,110	FALSE
0,016	0,314	0,000	0,011	0,010	FALSE
0,027	0,309	0,000	0,010	0,008	FALSE
-0,004	0,301	0,000	0,008	0,003	FALSE
0,037	0,304	0,001	0,008	0,054	FALSE
0,046	0,297	0,003	0,011	0,107	FALSE
-0,012	0,319	0,000	0,012	0,002	FALSE
0,111	0,307	0,005	0,013	0,156	FALSE
0,098	0,313	0,003	0,011	0,125	FALSE
-0,039	0,304	-0,001	0,011	0,033	FALSE
0,054	0,306	0,001	0,007	0,080	FALSE
-0,056	0,321	-0,002	0,011	0,057	FALSE
0,097	0,303	0,004	0,013	0,130	FALSE
-0,087	0,296	-0,001	0,006	0,085	FALSE
0,050	0,307	0,001	0,010	0,045	FALSE
-0,072	0,306	-0,002	0,008	0,093	FALSE
0,059	0,323	0,002	0,010	0,067	FALSE
-0,041	0,313	-0,001	0,010	0,033	FALSE
0,034	0,299	0,001	0,009	0,029	FALSE
-0,046	0,305	-0,001	0,007	0,061	FALSE
-0,036	0,301	-0,002	0,012	0,075	FALSE
-0,065	0,311	-0,003	0,012	0,095	FALSE
-0,113	0,293	-0,005	0,013	0,146	FALSE
-0,124	0,323	-0,004	0,010	0,181	FALSE
-0,140	0,316	-0,005	0,010	0,198	FALSE
-0,124	0,307	-0,004	0,009	0,184	FALSE
-0,019	0,296	-0,001	0,009	0,054	FALSE
-0,017	0,305	-0,001	0,011	0,043	FALSE
0,167	0,312	0,005	0,008	0,261	FALSE
0,006	0,301	0,000	0,012	0,012	FALSE

-0,004	0,302	0,000	0,011	0,014	FALSE
-0,022	0,302	0,000	0,008	0,013	FALSE
-0,046	0,318	-0,001	0,011	0,048	FALSE
-0,055	0,293	-0,001	0,006	0,033	FALSE
0,184	0,295	0,007	0,012	0,259	FALSE
0,166	0,312	0,004	0,007	0,203	FALSE
0,164	0,296	0,004	0,007	0,230	FALSE
0,042	0,313	0,002	0,012	0,066	FALSE
-0,050	0,294	-0,002	0,010	0,063	FALSE
-0,038	0,318	-0,001	0,007	0,031	FALSE
-0,027	0,302	-0,001	0,011	0,021	FALSE
-0,058	0,300	-0,001	0,008	0,058	FALSE
-0,057	0,299	-0,002	0,012	0,056	FALSE
-0,144	0,314	-0,005	0,013	0,168	FALSE
-0,031	0,313	-0,002	0,011	0,054	FALSE
-0,076	0,313	-0,002	0,007	0,089	FALSE
0,012	0,298	0,000	0,009	0,018	FALSE
0,154	0,304	0,005	0,009	0,200	FALSE
0,068	0,306	0,002	0,007	0,088	FALSE
-0,026	0,320	0,000	0,008	0,013	FALSE
0,052	0,306	0,002	0,011	0,064	FALSE
-0,085	0,301	-0,003	0,013	0,101	FALSE
-0,049	0,299	-0,001	0,011	0,047	FALSE
0,160	0,296	0,006	0,012	0,225	FALSE
0,014	0,301	0,001	0,007	0,030	FALSE
-0,033	0,296	-0,002	0,009	0,064	FALSE
0,027	0,303	0,000	0,009	0,010	FALSE
0,057	0,309	0,002	0,013	0,058	FALSE
0,056	0,305	0,001	0,010	0,045	FALSE
-0,128	0,313	-0,006	0,013	0,195	FALSE
0,041	0,312	0,001	0,013	0,020	FALSE
0,031	0,310	0,001	0,007	0,047	FALSE
-0,015	0,317	0,000	0,007	0,011	FALSE
-0,128	0,285	-0,004	0,007	0,208	FALSE
0,023	0,313	0,001	0,010	0,029	FALSE
0,057	0,316	0,002	0,010	0,058	FALSE
-0,047	0,304	-0,002	0,008	0,094	FALSE
-0,086	0,299	-0,003	0,011	0,121	FALSE
0,060	0,324	0,002	0,007	0,085	FALSE
-0,056	0,316	-0,002	0,011	0,070	FALSE
-0,009	0,299	0,000	0,009	0,018	FALSE
-0,008	0,319	0,000	0,010	0,005	FALSE
-0,019	0,304	-0,001	0,009	0,030	FALSE
-0,020	0,322	-0,002	0,013	0,051	FALSE
0,043	0,307	0,001	0,006	0,071	FALSE
-0,101	0,305	-0,002	0,007	0,130	FALSE
-0,030	0,292	-0,001	0,010	0,034	FALSE
-0,020	0,305	0,001	0,010	0,024	FALSE
-0,063	0,299	-0,001	0,012	0,037	FALSE
0,064	0,320	0,003	0,013	0,087	FALSE
-0,028	0,300	-0,001	0,012	0,017	FALSE
0,144	0,312	0,005	0,012	0,181	FALSE
0,025	0,303	0,001	0,011	0,032	FALSE

-0,021	0,290	0,000	0,009	0,011	FALSE
-0,178	0,299	-0,006	0,010	0,287	FALSE
0,094	0,293	0,005	0,011	0,183	FALSE
-0,125	0,319	-0,004	0,011	0,156	FALSE
-0,071	0,299	-0,003	0,011	0,095	FALSE
0,001	0,304	0,000	0,007	0,015	FALSE
-0,050	0,307	-0,002	0,011	0,077	FALSE
0,055	0,312	0,003	0,011	0,084	FALSE
-0,082	0,320	-0,002	0,008	0,106	FALSE
-0,104	0,318	-0,003	0,008	0,124	FALSE
-0,073	0,306	-0,002	0,008	0,079	FALSE
0,097	0,307	0,005	0,011	0,180	FALSE
0,070	0,310	0,003	0,012	0,096	FALSE
-0,172	0,303	-0,008	0,012	0,284	FALSE
0,092	0,308	0,004	0,013	0,115	FALSE
0,028	0,300	0,001	0,013	0,031	FALSE
-0,119	0,306	-0,005	0,012	0,191	FALSE
0,085	0,308	0,004	0,011	0,133	FALSE
-0,074	0,322	-0,002	0,008	0,084	FALSE
0,119	0,305	0,004	0,008	0,197	FALSE
0,039	0,310	0,001	0,006	0,062	FALSE
0,013	0,297	0,000	0,011	0,005	FALSE
0,157	0,290	0,006	0,011	0,237	FALSE
-0,130	0,304	-0,005	0,011	0,195	FALSE
-0,022	0,305	-0,001	0,012	0,021	FALSE
0,079	0,310	0,004	0,011	0,132	FALSE
0,054	0,311	0,002	0,008	0,078	FALSE
-0,057	0,318	-0,002	0,011	0,057	FALSE
-0,043	0,309	-0,001	0,011	0,041	FALSE
0,033	0,304	0,001	0,008	0,046	FALSE
0,043	0,300	0,002	0,007	0,085	FALSE
0,076	0,317	0,002	0,009	0,104	FALSE
0,004	0,296	0,000	0,012	0,009	FALSE
0,030	0,296	0,002	0,011	0,067	FALSE
-0,034	0,311	-0,001	0,009	0,043	FALSE
-0,016	0,312	0,000	0,012	0,014	FALSE
-0,037	0,308	-0,001	0,008	0,063	FALSE
0,047	0,310	0,002	0,013	0,061	FALSE
0,033	0,312	0,002	0,012	0,049	FALSE
-0,119	0,311	-0,004	0,009	0,175	FALSE
-0,134	0,310	-0,003	0,007	0,198	FALSE
-0,050	0,306	-0,001	0,010	0,047	FALSE
-0,040	0,300	0,000	0,007	0,021	FALSE
-0,040	0,306	-0,002	0,011	0,058	FALSE
-0,051	0,302	-0,003	0,011	0,089	FALSE
0,061	0,300	0,002	0,008	0,101	FALSE
-0,007	0,315	0,000	0,012	0,007	FALSE
-0,079	0,310	-0,003	0,009	0,121	FALSE
-0,025	0,324	-0,001	0,010	0,038	FALSE
0,099	0,306	0,004	0,013	0,127	FALSE
0,062	0,302	0,002	0,007	0,088	FALSE
-0,023	0,302	-0,001	0,011	0,047	FALSE
0,082	0,308	0,002	0,008	0,107	FALSE

0,055	0,306	0,001	0,007	0,062	FALSE
0,001	0,321	0,000	0,012	0,009	FALSE
-0,172	0,309	-0,005	0,008	0,245	FALSE
0,013	0,292	0,001	0,009	0,034	FALSE
0,135	0,313	0,004	0,008	0,218	FALSE
0,054	0,287	0,002	0,010	0,083	FALSE
-0,061	0,303	-0,002	0,008	0,113	FALSE
0,157	0,293	0,004	0,007	0,269	FALSE
0,156	0,302	0,006	0,013	0,188	FALSE
0,130	0,301	0,004	0,012	0,143	FALSE
-0,084	0,304	-0,002	0,010	0,094	FALSE
-0,070	0,302	-0,003	0,013	0,077	FALSE
0,088	0,306	0,003	0,012	0,099	FALSE
-0,047	0,313	-0,002	0,013	0,061	FALSE
0,130	0,327	0,003	0,008	0,149	FALSE
0,088	0,306	0,003	0,010	0,098	FALSE
0,055	0,294	0,001	0,013	0,042	FALSE
0,090	0,308	0,003	0,008	0,116	FALSE
-0,033	0,305	-0,001	0,011	0,047	FALSE
-0,083	0,304	-0,002	0,007	0,094	FALSE
-0,117	0,299	-0,004	0,009	0,154	FALSE
-0,069	0,303	-0,002	0,007	0,097	FALSE
0,100	0,314	0,004	0,009	0,161	FALSE
-0,142	0,295	-0,005	0,011	0,184	FALSE
0,010	0,316	0,000	0,011	0,012	FALSE
-0,062	0,296	-0,002	0,012	0,060	FALSE
-0,098	0,315	-0,002	0,008	0,100	FALSE
-0,085	0,306	-0,004	0,012	0,118	FALSE
-0,043	0,319	-0,002	0,010	0,063	FALSE
-0,086	0,305	-0,004	0,012	0,129	FALSE
-0,071	0,311	-0,003	0,011	0,108	FALSE
-0,029	0,316	-0,001	0,010	0,027	FALSE
0,087	0,309	0,003	0,009	0,113	FALSE
0,072	0,311	0,002	0,011	0,077	FALSE
-0,036	0,320	-0,001	0,011	0,048	FALSE
-0,189	0,300	-0,006	0,008	0,298	FALSE
-0,022	0,314	-0,002	0,013	0,047	FALSE
-0,076	0,306	-0,003	0,009	0,121	FALSE
0,047	0,295	0,003	0,012	0,095	FALSE
0,062	0,306	0,003	0,012	0,107	FALSE
0,080	0,293	0,002	0,010	0,090	FALSE
0,057	0,316	0,003	0,013	0,086	FALSE
0,056	0,300	0,002	0,012	0,072	FALSE
-0,037	0,290	-0,001	0,010	0,036	FALSE
-0,055	0,309	-0,001	0,006	0,053	FALSE
-0,111	0,318	-0,003	0,007	0,150	FALSE
0,041	0,315	0,002	0,012	0,057	FALSE
-0,068	0,304	-0,002	0,010	0,065	FALSE
-0,064	0,304	-0,001	0,006	0,061	FALSE
0,095	0,300	0,002	0,009	0,108	FALSE
-0,080	0,307	-0,001	0,007	0,082	FALSE
-0,033	0,289	-0,002	0,012	0,046	FALSE
-0,054	0,311	-0,001	0,009	0,041	FALSE

-0,043	0,306	0,000	0,009	0,017	FALSE
0,022	0,291	0,000	0,012	0,012	FALSE
0,016	0,311	0,000	0,013	0,003	TRUE
0,035	0,310	0,001	0,013	0,023	FALSE
0,026	0,302	0,002	0,013	0,042	FALSE
0,035	0,304	0,002	0,013	0,050	FALSE
0,021	0,302	0,001	0,010	0,036	FALSE
0,008	0,319	0,001	0,012	0,016	FALSE
0,019	0,310	0,002	0,012	0,052	FALSE
-0,058	0,308	-0,002	0,006	0,099	FALSE
0,028	0,316	0,000	0,009	0,014	FALSE
-0,064	0,311	-0,001	0,007	0,038	FALSE
0,080	0,305	0,003	0,009	0,110	FALSE
-0,050	0,299	-0,002	0,010	0,064	FALSE
-0,038	0,299	-0,001	0,011	0,044	FALSE
-0,026	0,316	-0,001	0,009	0,026	FALSE
-0,076	0,302	-0,002	0,007	0,094	FALSE
-0,018	0,323	0,000	0,009	0,008	FALSE
0,032	0,305	0,002	0,012	0,052	FALSE
0,089	0,307	0,003	0,009	0,126	FALSE
-0,110	0,310	-0,003	0,007	0,141	FALSE
-0,101	0,321	-0,002	0,008	0,112	FALSE
-0,080	0,309	-0,002	0,008	0,087	FALSE
0,010	0,311	0,001	0,013	0,028	FALSE
0,129	0,291	0,003	0,006	0,225	FALSE
-0,045	0,315	-0,001	0,009	0,045	FALSE
0,009	0,311	0,000	0,006	0,019	FALSE
0,137	0,309	0,004	0,009	0,187	FALSE
-0,008	0,305	-0,001	0,010	0,020	FALSE
-0,018	0,309	0,000	0,012	0,005	FALSE
-0,009	0,321	0,000	0,012	0,002	FALSE
-0,001	0,315	0,000	0,007	0,010	FALSE
0,016	0,304	0,001	0,007	0,046	FALSE
-0,029	0,311	-0,001	0,012	0,029	FALSE
-0,026	0,307	-0,001	0,012	0,034	FALSE
-0,050	0,302	-0,002	0,009	0,081	FALSE
0,040	0,303	0,001	0,007	0,052	FALSE
-0,076	0,310	-0,002	0,007	0,111	FALSE
0,019	0,318	0,001	0,007	0,033	FALSE
0,064	0,291	0,001	0,006	0,077	FALSE
-0,091	0,303	-0,002	0,008	0,110	FALSE
-0,068	0,314	-0,003	0,013	0,087	FALSE
0,123	0,309	0,005	0,013	0,155	FALSE
-0,075	0,302	-0,002	0,008	0,110	FALSE
0,003	0,308	0,001	0,008	0,022	FALSE
-0,040	0,301	-0,001	0,011	0,038	FALSE
0,103	0,306	0,003	0,009	0,107	FALSE
-0,062	0,304	-0,002	0,008	0,069	FALSE
0,137	0,294	0,003	0,008	0,166	FALSE
-0,127	0,298	-0,005	0,011	0,186	FALSE
-0,133	0,293	-0,005	0,010	0,194	FALSE
-0,125	0,294	-0,005	0,010	0,206	FALSE
0,001	0,313	0,000	0,009	0,004	FALSE

0,068	0,305	0,004	0,013	0,115	FALSE
0,068	0,306	0,001	0,007	0,078	FALSE
-0,026	0,298	-0,001	0,011	0,034	FALSE
0,034	0,301	0,001	0,006	0,040	FALSE
-0,044	0,301	-0,001	0,007	0,069	FALSE
-0,082	0,313	-0,002	0,007	0,127	FALSE
0,069	0,313	0,003	0,012	0,087	FALSE
0,135	0,294	0,006	0,012	0,188	FALSE
-0,018	0,302	0,000	0,009	0,004	FALSE
-0,104	0,302	-0,002	0,006	0,152	FALSE
-0,014	0,323	-0,001	0,013	0,025	FALSE
-0,006	0,307	-0,001	0,012	0,017	FALSE
-0,078	0,323	-0,004	0,013	0,106	FALSE
0,054	0,294	0,002	0,008	0,091	FALSE
0,020	0,311	0,001	0,012	0,026	FALSE
0,091	0,313	0,003	0,009	0,125	FALSE
0,046	0,286	0,001	0,008	0,025	FALSE
0,028	0,308	0,001	0,010	0,036	FALSE
-0,115	0,313	-0,003	0,007	0,175	FALSE
0,115	0,312	0,004	0,010	0,142	FALSE
0,075	0,299	0,004	0,013	0,120	FALSE
0,221	0,311	0,005	0,007	0,337	FALSE
0,050	0,298	0,002	0,009	0,065	FALSE
0,211	0,294	0,005	0,007	0,293	FALSE
-0,030	0,306	-0,001	0,007	0,054	FALSE
0,020	0,297	0,001	0,007	0,055	FALSE
-0,124	0,316	-0,003	0,007	0,158	FALSE
0,006	0,312	0,000	0,008	0,012	FALSE
0,057	0,304	0,002	0,007	0,082	FALSE
0,017	0,302	0,001	0,008	0,033	FALSE
0,002	0,326	0,000	0,009	0,019	FALSE
0,016	0,299	0,001	0,007	0,058	FALSE
-0,015	0,322	0,000	0,007	0,015	FALSE
-0,068	0,300	-0,001	0,006	0,079	FALSE
0,042	0,300	0,001	0,011	0,030	FALSE
-0,064	0,298	-0,004	0,013	0,117	FALSE
0,019	0,297	0,001	0,009	0,043	FALSE
0,058	0,305	0,001	0,007	0,082	FALSE
0,049	0,315	0,002	0,013	0,069	FALSE
0,018	0,305	0,001	0,007	0,045	FALSE
0,081	0,298	0,002	0,007	0,129	FALSE
-0,199	0,291	-0,006	0,008	0,316	FALSE
-0,074	0,300	-0,002	0,007	0,090	FALSE
0,021	0,304	0,000	0,006	0,011	FALSE
-0,094	0,302	-0,002	0,007	0,101	FALSE
-0,045	0,299	-0,001	0,008	0,049	FALSE
0,089	0,312	0,003	0,008	0,145	FALSE
0,025	0,313	0,001	0,007	0,046	FALSE
0,068	0,308	0,002	0,008	0,093	FALSE
-0,037	0,312	-0,001	0,010	0,044	FALSE
0,116	0,316	0,004	0,009	0,169	FALSE
-0,003	0,305	0,000	0,009	0,004	FALSE
0,032	0,311	0,001	0,012	0,045	FALSE

0,009	0,297	0,001	0,011	0,020	FALSE
-0,170	0,318	-0,004	0,007	0,221	FALSE
0,112	0,309	0,003	0,007	0,149	FALSE
0,042	0,314	0,001	0,009	0,058	FALSE
-0,048	0,310	-0,001	0,010	0,047	FALSE
-0,195	0,301	-0,007	0,011	0,296	FALSE
0,019	0,309	0,001	0,008	0,033	FALSE
0,058	0,299	0,001	0,007	0,062	FALSE
-0,004	0,294	0,000	0,012	0,006	FALSE
0,020	0,311	0,000	0,010	0,009	FALSE
0,147	0,286	0,006	0,013	0,205	FALSE
0,104	0,295	0,005	0,013	0,167	FALSE
-0,016	0,309	0,000	0,007	0,001	FALSE
0,033	0,310	0,001	0,010	0,054	FALSE
-0,014	0,315	0,000	0,008	0,006	FALSE
0,006	0,303	0,001	0,012	0,023	FALSE
-0,025	0,316	0,000	0,007	0,019	FALSE
-0,066	0,305	-0,001	0,008	0,061	FALSE
0,039	0,309	0,002	0,010	0,060	FALSE
-0,002	0,313	0,000	0,011	0,004	FALSE
-0,027	0,303	-0,001	0,006	0,045	FALSE
-0,019	0,293	0,000	0,007	0,017	FALSE
0,002	0,310	0,000	0,012	0,006	FALSE
-0,097	0,309	-0,003	0,011	0,125	FALSE
0,025	0,312	0,001	0,012	0,021	FALSE
-0,038	0,302	-0,001	0,009	0,053	FALSE
0,058	0,288	0,003	0,012	0,099	FALSE
0,078	0,299	0,001	0,007	0,076	FALSE
0,052	0,306	0,002	0,011	0,083	FALSE
0,060	0,313	0,001	0,010	0,053	FALSE
-0,075	0,297	-0,002	0,008	0,081	FALSE
-0,071	0,307	-0,002	0,008	0,079	FALSE
0,114	0,303	0,003	0,008	0,176	FALSE
-0,034	0,305	-0,001	0,011	0,043	FALSE
0,081	0,313	0,003	0,012	0,084	FALSE
0,162	0,289	0,003	0,006	0,236	FALSE
-0,105	0,305	-0,004	0,011	0,137	FALSE
-0,100	0,298	-0,004	0,012	0,126	FALSE
-0,056	0,303	-0,001	0,010	0,051	FALSE
0,014	0,316	0,000	0,007	0,007	FALSE
-0,116	0,302	-0,002	0,007	0,114	FALSE
-0,003	0,300	0,000	0,010	0,008	FALSE
0,025	0,307	0,002	0,012	0,052	FALSE
-0,045	0,305	-0,001	0,007	0,059	FALSE
-0,037	0,305	-0,001	0,007	0,033	FALSE
0,077	0,287	0,003	0,012	0,082	FALSE
-0,102	0,313	-0,003	0,010	0,115	FALSE
0,006	0,309	0,000	0,012	0,012	FALSE
0,011	0,300	0,001	0,012	0,017	FALSE
0,002	0,302	0,000	0,013	0,000	FALSE
-0,040	0,305	-0,001	0,013	0,031	FALSE
-0,006	0,312	-0,001	0,011	0,019	FALSE
0,070	0,324	0,002	0,009	0,090	FALSE

0,078	0,314	0,003	0,009	0,108	FALSE
0,085	0,298	0,003	0,012	0,108	FALSE
-0,114	0,314	-0,004	0,012	0,145	FALSE
0,101	0,298	0,005	0,012	0,156	FALSE
0,022	0,301	0,001	0,007	0,042	FALSE
0,028	0,306	0,001	0,009	0,034	FALSE
0,040	0,317	0,001	0,010	0,046	FALSE
0,142	0,304	0,005	0,010	0,211	FALSE
0,135	0,291	0,003	0,006	0,191	FALSE
0,157	0,307	0,003	0,007	0,193	FALSE
0,075	0,296	0,002	0,007	0,115	FALSE
0,111	0,300	0,002	0,007	0,136	FALSE
-0,182	0,295	-0,004	0,007	0,230	FALSE
0,086	0,306	0,002	0,008	0,092	FALSE
-0,032	0,308	-0,001	0,013	0,041	FALSE
-0,037	0,300	-0,002	0,012	0,056	FALSE
0,068	0,307	0,003	0,011	0,099	FALSE
-0,083	0,304	-0,003	0,009	0,142	FALSE
0,080	0,302	0,002	0,007	0,121	FALSE
0,004	0,300	0,000	0,009	0,017	FALSE
0,133	0,308	0,003	0,009	0,157	FALSE
-0,099	0,313	-0,003	0,010	0,127	FALSE
0,000	0,316	0,000	0,008	0,002	FALSE
0,072	0,300	0,002	0,006	0,125	FALSE
0,048	0,292	0,002	0,011	0,056	FALSE
0,073	0,308	0,002	0,007	0,109	FALSE
-0,020	0,308	-0,002	0,011	0,061	FALSE
0,170	0,286	0,007	0,012	0,256	FALSE
-0,030	0,294	-0,002	0,012	0,048	FALSE
-0,017	0,316	-0,001	0,010	0,032	FALSE
-0,063	0,306	-0,003	0,009	0,121	FALSE
0,025	0,299	0,001	0,008	0,035	FALSE
-0,058	0,298	-0,001	0,006	0,052	FALSE
-0,006	0,311	0,000	0,007	0,003	FALSE
-0,015	0,301	-0,001	0,012	0,015	FALSE
0,110	0,319	0,003	0,010	0,127	FALSE
0,051	0,300	0,001	0,010	0,050	FALSE
-0,069	0,314	-0,003	0,012	0,111	FALSE
-0,022	0,303	0,000	0,006	0,016	FALSE
-0,006	0,296	0,000	0,006	0,001	FALSE
-0,013	0,298	0,000	0,010	0,013	FALSE
-0,068	0,300	-0,002	0,007	0,084	FALSE
-0,112	0,302	-0,003	0,008	0,130	FALSE
0,017	0,312	0,000	0,007	0,017	FALSE
0,075	0,300	0,002	0,008	0,105	FALSE
0,018	0,323	0,001	0,008	0,031	FALSE
0,019	0,329	0,001	0,009	0,026	FALSE
0,030	0,309	0,001	0,008	0,037	FALSE
0,102	0,296	0,003	0,012	0,108	FALSE
-0,089	0,298	-0,002	0,007	0,105	FALSE
-0,065	0,291	-0,001	0,007	0,071	FALSE
0,015	0,315	0,001	0,011	0,031	FALSE
0,007	0,318	0,001	0,009	0,022	FALSE

-0,013	0,310	0,000	0,008	0,007	FALSE
0,045	0,306	0,002	0,009	0,077	FALSE
0,070	0,309	0,001	0,006	0,085	FALSE
0,067	0,311	0,002	0,012	0,054	FALSE
0,137	0,317	0,003	0,006	0,180	FALSE
-0,061	0,321	-0,001	0,007	0,055	FALSE
0,087	0,311	0,002	0,007	0,130	FALSE
-0,040	0,312	-0,001	0,008	0,044	FALSE
-0,114	0,297	-0,005	0,010	0,187	FALSE
-0,016	0,305	-0,001	0,007	0,044	FALSE
-0,075	0,305	-0,002	0,008	0,102	FALSE
0,203	0,301	0,006	0,008	0,314	FALSE
0,017	0,324	0,000	0,009	0,017	FALSE
-0,083	0,300	-0,002	0,007	0,105	FALSE
-0,020	0,294	0,000	0,007	0,015	FALSE
-0,122	0,326	-0,003	0,008	0,142	FALSE
0,115	0,293	0,004	0,011	0,149	FALSE
0,005	0,308	0,000	0,012	0,002	FALSE
0,004	0,293	0,000	0,008	0,022	FALSE
0,001	0,295	0,000	0,007	0,016	FALSE
0,080	0,309	0,003	0,012	0,082	FALSE
-0,016	0,322	0,000	0,012	0,001	FALSE
-0,081	0,302	-0,003	0,008	0,134	FALSE
-0,090	0,318	-0,003	0,013	0,103	FALSE
-0,080	0,314	-0,002	0,007	0,129	FALSE
-0,124	0,296	-0,004	0,012	0,145	FALSE
-0,122	0,298	-0,004	0,012	0,141	FALSE
-0,014	0,310	0,000	0,006	0,018	FALSE
-0,055	0,298	-0,001	0,007	0,070	FALSE
-0,084	0,314	-0,002	0,010	0,076	FALSE
-0,061	0,311	-0,002	0,009	0,098	FALSE
0,003	0,311	0,000	0,008	0,003	FALSE
0,007	0,312	0,000	0,013	0,010	FALSE
-0,038	0,309	0,000	0,006	0,008	FALSE
-0,039	0,313	-0,001	0,007	0,055	FALSE
0,017	0,311	0,001	0,008	0,039	FALSE
-0,031	0,299	0,000	0,008	0,017	FALSE
-0,016	0,298	0,000	0,007	0,023	FALSE
-0,055	0,305	-0,002	0,011	0,074	FALSE
0,076	0,306	0,002	0,007	0,102	FALSE
-0,095	0,309	-0,003	0,010	0,108	FALSE
0,029	0,306	0,001	0,013	0,017	FALSE
0,014	0,307	0,002	0,013	0,050	FALSE
0,028	0,300	0,000	0,011	0,009	FALSE
0,133	0,302	0,005	0,011	0,202	FALSE
0,041	0,295	0,002	0,011	0,057	FALSE
-0,029	0,316	-0,001	0,013	0,019	FALSE
0,045	0,303	0,002	0,012	0,047	FALSE
-0,001	0,305	0,000	0,012	0,005	FALSE
-0,011	0,318	0,000	0,008	0,001	FALSE
0,111	0,303	0,003	0,006	0,182	FALSE
-0,055	0,307	-0,001	0,008	0,051	FALSE
0,007	0,302	0,001	0,008	0,034	FALSE

0,052	0,310	0,002	0,010	0,071	FALSE
-0,041	0,315	-0,001	0,010	0,033	FALSE
0,042	0,293	0,002	0,009	0,060	FALSE
-0,092	0,305	-0,002	0,008	0,092	FALSE
-0,036	0,305	-0,001	0,007	0,046	FALSE
-0,168	0,312	-0,004	0,008	0,219	FALSE
-0,090	0,308	-0,003	0,007	0,153	FALSE
-0,039	0,301	-0,001	0,012	0,037	FALSE
-0,085	0,312	-0,002	0,010	0,089	FALSE
-0,085	0,302	-0,004	0,013	0,105	FALSE
-0,014	0,318	-0,001	0,011	0,018	FALSE
-0,087	0,316	-0,002	0,007	0,099	FALSE
-0,008	0,322	-0,001	0,012	0,021	FALSE
-0,101	0,326	-0,004	0,011	0,147	FALSE
0,190	0,293	0,005	0,008	0,270	FALSE
-0,071	0,306	-0,002	0,008	0,079	FALSE
0,007	0,316	0,000	0,007	0,027	FALSE
-0,038	0,306	-0,001	0,011	0,026	FALSE
-0,030	0,302	-0,002	0,012	0,047	FALSE
0,203	0,301	0,006	0,009	0,291	FALSE
-0,011	0,310	0,000	0,013	0,012	FALSE
-0,046	0,298	-0,001	0,009	0,059	FALSE
0,139	0,303	0,006	0,013	0,194	FALSE
-0,029	0,294	-0,001	0,008	0,032	FALSE
-0,014	0,294	0,000	0,008	0,017	FALSE
0,008	0,310	0,000	0,006	0,019	FALSE
0,024	0,297	0,000	0,010	0,013	FALSE
0,033	0,307	0,002	0,013	0,054	FALSE
-0,120	0,285	-0,003	0,008	0,159	FALSE
0,067	0,314	0,002	0,008	0,084	FALSE
-0,102	0,285	-0,005	0,011	0,168	FALSE
-0,075	0,316	-0,002	0,008	0,093	FALSE
-0,080	0,299	-0,003	0,010	0,103	FALSE
0,005	0,304	0,001	0,011	0,017	FALSE
0,000	0,306	0,000	0,006	0,008	FALSE
0,097	0,308	0,004	0,012	0,140	FALSE
-0,103	0,319	-0,003	0,008	0,153	FALSE
0,114	0,288	0,004	0,010	0,153	FALSE
-0,007	0,320	0,000	0,006	0,018	FALSE
0,032	0,308	0,001	0,011	0,038	FALSE
0,066	0,313	0,001	0,007	0,063	FALSE
0,011	0,308	0,000	0,012	0,001	FALSE
-0,064	0,291	-0,002	0,010	0,070	FALSE
0,073	0,308	0,002	0,008	0,081	FALSE
-0,047	0,300	0,000	0,007	0,023	FALSE
0,022	0,298	0,000	0,010	0,017	FALSE
0,074	0,303	0,004	0,012	0,128	FALSE
-0,094	0,318	-0,003	0,008	0,139	FALSE
0,022	0,331	0,000	0,009	0,018	FALSE
-0,029	0,312	-0,002	0,013	0,044	FALSE
-0,061	0,303	-0,003	0,012	0,095	FALSE
-0,029	0,297	-0,002	0,012	0,047	FALSE
-0,128	0,301	-0,004	0,009	0,172	FALSE

-0,023	0,316	0,000	0,010	0,015	FALSE
0,014	0,318	0,001	0,012	0,024	FALSE
0,011	0,296	0,000	0,008	0,021	FALSE
-0,036	0,315	-0,001	0,008	0,026	FALSE
-0,041	0,322	-0,003	0,014	0,073	FALSE
0,042	0,292	0,002	0,010	0,073	FALSE
0,075	0,301	0,003	0,012	0,100	FALSE
0,016	0,312	0,001	0,008	0,027	FALSE
-0,079	0,309	-0,002	0,009	0,090	FALSE
-0,065	0,298	-0,001	0,006	0,064	FALSE
0,106	0,304	0,004	0,012	0,139	FALSE
0,092	0,307	0,004	0,012	0,117	FALSE
0,025	0,291	0,000	0,009	0,017	FALSE
0,009	0,296	0,000	0,007	0,009	FALSE
-0,108	0,296	-0,002	0,006	0,139	FALSE
-0,007	0,311	-0,001	0,012	0,018	FALSE
-0,087	0,293	-0,003	0,012	0,112	FALSE
0,006	0,311	0,000	0,008	0,014	FALSE
0,032	0,292	0,000	0,008	0,005	FALSE
0,019	0,311	0,000	0,007	0,018	FALSE
-0,046	0,311	-0,001	0,010	0,025	FALSE
-0,023	0,320	0,000	0,011	0,000	FALSE
-0,059	0,318	-0,002	0,012	0,062	FALSE
0,095	0,305	0,004	0,010	0,156	FALSE
-0,128	0,316	-0,003	0,008	0,162	FALSE
-0,126	0,304	-0,003	0,008	0,155	FALSE
-0,163	0,302	-0,004	0,008	0,233	FALSE
-0,056	0,312	-0,001	0,009	0,061	FALSE
-0,013	0,311	0,000	0,009	0,017	FALSE
-0,144	0,304	-0,006	0,011	0,237	FALSE
0,033	0,308	0,001	0,007	0,050	FALSE
-0,134	0,310	-0,003	0,006	0,166	FALSE
0,068	0,295	0,002	0,007	0,093	FALSE
0,113	0,305	0,003	0,007	0,144	FALSE
-0,069	0,299	-0,002	0,013	0,075	FALSE
-0,092	0,303	-0,003	0,008	0,125	FALSE
0,040	0,298	0,001	0,009	0,045	FALSE
-0,021	0,321	0,000	0,008	0,016	FALSE
-0,010	0,299	-0,001	0,009	0,024	FALSE
-0,039	0,293	-0,001	0,007	0,030	FALSE
-0,016	0,330	-0,001	0,012	0,017	FALSE
0,057	0,302	0,001	0,009	0,040	FALSE
-0,036	0,298	-0,001	0,008	0,069	FALSE
-0,040	0,307	-0,001	0,006	0,079	FALSE
0,072	0,307	0,002	0,007	0,115	FALSE
0,168	0,283	0,005	0,009	0,251	FALSE
0,051	0,305	0,001	0,006	0,079	FALSE
0,012	0,308	0,000	0,009	0,001	FALSE
-0,124	0,303	-0,005	0,012	0,186	FALSE
0,065	0,303	0,003	0,012	0,107	FALSE
0,025	0,297	0,000	0,010	0,005	FALSE
0,093	0,306	0,003	0,008	0,127	FALSE
-0,004	0,296	0,001	0,007	0,029	FALSE

-0,038	0,321	-0,001	0,007	0,048	FALSE
-0,047	0,314	-0,002	0,013	0,055	FALSE
0,004	0,315	0,000	0,013	0,005	FALSE
0,009	0,304	0,000	0,011	0,007	FALSE
-0,032	0,306	-0,001	0,006	0,028	FALSE
-0,105	0,297	-0,003	0,007	0,151	FALSE
-0,104	0,320	-0,003	0,007	0,138	FALSE
0,031	0,308	0,000	0,008	0,013	FALSE
-0,042	0,312	-0,001	0,011	0,046	FALSE
0,017	0,310	0,001	0,009	0,024	FALSE
-0,080	0,294	-0,002	0,006	0,097	FALSE
-0,119	0,309	-0,005	0,011	0,175	FALSE
0,034	0,311	0,001	0,009	0,050	FALSE
-0,058	0,292	-0,002	0,011	0,053	FALSE
0,068	0,310	0,002	0,014	0,043	FALSE
0,046	0,306	0,002	0,012	0,060	FALSE
-0,027	0,314	-0,001	0,012	0,017	FALSE
-0,061	0,296	-0,002	0,007	0,089	FALSE
0,110	0,294	0,004	0,009	0,165	FALSE
-0,036	0,292	-0,001	0,007	0,027	FALSE
-0,070	0,313	-0,001	0,011	0,049	FALSE
-0,031	0,315	-0,001	0,011	0,030	FALSE
0,010	0,308	0,001	0,008	0,037	FALSE
0,091	0,298	0,003	0,011	0,112	FALSE
-0,075	0,311	-0,003	0,010	0,099	FALSE
0,117	0,310	0,003	0,007	0,179	FALSE
0,010	0,307	0,000	0,007	0,007	FALSE
-0,003	0,309	-0,001	0,009	0,022	FALSE
-0,042	0,313	-0,002	0,013	0,052	FALSE
-0,076	0,288	-0,002	0,009	0,101	FALSE
-0,026	0,317	-0,001	0,012	0,035	FALSE
0,043	0,313	0,001	0,008	0,069	FALSE
-0,117	0,305	-0,004	0,011	0,132	FALSE
-0,074	0,310	-0,004	0,011	0,140	FALSE
0,155	0,310	0,005	0,009	0,225	FALSE
0,165	0,315	0,006	0,009	0,271	FALSE
0,079	0,304	0,002	0,008	0,080	FALSE
-0,068	0,304	-0,001	0,009	0,048	FALSE
0,040	0,315	0,001	0,009	0,046	FALSE
-0,093	0,295	-0,002	0,007	0,124	FALSE
-0,026	0,310	-0,001	0,008	0,029	FALSE
-0,024	0,312	-0,002	0,012	0,048	FALSE
0,038	0,315	0,002	0,012	0,052	FALSE
0,136	0,309	0,003	0,007	0,198	FALSE
-0,078	0,314	-0,003	0,011	0,112	FALSE
0,094	0,304	0,004	0,012	0,139	FALSE
0,004	0,302	-0,001	0,011	0,022	FALSE
0,060	0,331	0,001	0,007	0,070	FALSE
0,028	0,317	0,001	0,010	0,034	FALSE
0,136	0,304	0,003	0,008	0,165	FALSE
-0,094	0,320	-0,002	0,008	0,115	FALSE
0,076	0,303	0,003	0,013	0,083	FALSE
-0,042	0,311	-0,001	0,007	0,068	FALSE

-0,033	0,301	-0,001	0,008	0,057	FALSE
-0,041	0,309	-0,002	0,011	0,071	FALSE
-0,011	0,312	0,001	0,013	0,018	FALSE
-0,044	0,321	-0,001	0,008	0,051	FALSE
0,027	0,314	0,000	0,007	0,019	FALSE
-0,046	0,305	-0,002	0,013	0,060	FALSE
-0,058	0,305	-0,002	0,010	0,054	FALSE
0,071	0,319	0,002	0,008	0,078	FALSE
0,102	0,302	0,002	0,006	0,134	FALSE
-0,013	0,306	-0,001	0,007	0,030	FALSE
-0,069	0,297	-0,003	0,011	0,087	FALSE
-0,090	0,321	-0,003	0,010	0,113	FALSE
-0,060	0,314	-0,001	0,008	0,062	FALSE
-0,016	0,296	0,000	0,008	0,010	FALSE
-0,037	0,303	-0,002	0,013	0,047	FALSE
0,091	0,308	0,002	0,006	0,119	FALSE
-0,124	0,297	-0,003	0,007	0,143	FALSE
-0,083	0,312	-0,004	0,013	0,105	FALSE
-0,118	0,304	-0,005	0,012	0,185	FALSE
0,054	0,319	0,002	0,011	0,069	FALSE
-0,036	0,309	-0,001	0,012	0,031	FALSE
-0,017	0,305	0,000	0,011	0,012	FALSE
-0,077	0,316	-0,004	0,012	0,139	FALSE
-0,076	0,309	-0,002	0,010	0,074	FALSE
-0,080	0,299	-0,002	0,008	0,094	FALSE
-0,040	0,303	-0,001	0,013	0,029	FALSE
0,006	0,319	0,000	0,010	0,002	FALSE
0,058	0,302	0,002	0,011	0,057	FALSE
-0,061	0,311	-0,003	0,011	0,094	FALSE
0,063	0,308	0,002	0,009	0,069	FALSE
0,100	0,315	0,002	0,008	0,120	FALSE
0,000	0,312	0,000	0,008	0,004	FALSE
0,089	0,294	0,004	0,012	0,116	FALSE
-0,015	0,303	0,000	0,009	0,010	FALSE
-0,038	0,287	0,000	0,009	0,003	FALSE
-0,015	0,301	0,000	0,008	0,005	FALSE
0,046	0,309	0,001	0,007	0,079	FALSE
-0,006	0,301	0,000	0,008	0,000	FALSE
0,067	0,287	0,003	0,012	0,111	FALSE
-0,065	0,314	-0,002	0,010	0,076	FALSE
-0,077	0,308	-0,002	0,008	0,079	FALSE
-0,113	0,307	-0,004	0,011	0,150	FALSE
0,045	0,323	0,002	0,013	0,043	FALSE
-0,018	0,306	0,000	0,009	0,016	FALSE
0,093	0,304	0,003	0,009	0,122	FALSE
0,011	0,315	0,000	0,007	0,006	FALSE
-0,041	0,311	-0,002	0,012	0,055	FALSE
0,084	0,305	0,002	0,007	0,100	FALSE
-0,078	0,306	-0,002	0,007	0,118	FALSE
0,070	0,308	0,004	0,011	0,128	FALSE
0,191	0,307	0,005	0,009	0,255	FALSE
0,092	0,311	0,004	0,013	0,107	FALSE
-0,031	0,294	0,000	0,011	0,001	FALSE

-0,090	0,299	-0,005	0,012	0,152	FALSE
0,098	0,299	0,003	0,010	0,119	FALSE
-0,038	0,298	-0,002	0,012	0,071	FALSE
0,063	0,315	0,002	0,008	0,098	FALSE
0,002	0,292	0,001	0,011	0,035	FALSE
0,004	0,320	0,000	0,008	0,016	FALSE
0,028	0,310	0,001	0,013	0,026	FALSE
0,097	0,300	0,003	0,010	0,118	FALSE
-0,073	0,297	-0,002	0,007	0,094	FALSE
-0,056	0,306	-0,001	0,006	0,046	FALSE
0,134	0,302	0,004	0,009	0,179	FALSE
0,075	0,314	0,002	0,007	0,100	FALSE
0,110	0,295	0,004	0,011	0,167	FALSE
-0,025	0,309	-0,001	0,007	0,038	FALSE
0,040	0,316	0,002	0,013	0,056	FALSE
0,036	0,304	0,002	0,013	0,059	FALSE
0,060	0,306	0,002	0,008	0,085	FALSE
-0,055	0,318	-0,001	0,007	0,044	FALSE
0,095	0,307	0,004	0,012	0,147	FALSE
0,115	0,304	0,003	0,006	0,172	FALSE
-0,027	0,317	-0,001	0,007	0,052	FALSE
0,092	0,310	0,003	0,013	0,086	FALSE
0,109	0,297	0,002	0,006	0,136	FALSE
-0,161	0,306	-0,005	0,010	0,224	FALSE
-0,082	0,297	-0,003	0,010	0,112	FALSE
-0,062	0,294	-0,003	0,011	0,092	FALSE
0,016	0,301	0,001	0,008	0,023	FALSE
-0,039	0,320	-0,001	0,009	0,027	FALSE
-0,085	0,311	-0,002	0,007	0,134	FALSE
0,063	0,308	0,002	0,008	0,092	FALSE
-0,137	0,296	-0,003	0,006	0,209	FALSE
-0,010	0,322	0,000	0,011	0,003	FALSE
0,049	0,317	0,001	0,010	0,042	FALSE
0,019	0,309	0,001	0,009	0,042	FALSE
-0,074	0,319	-0,002	0,007	0,084	FALSE
-0,096	0,308	-0,002	0,007	0,107	FALSE
-0,010	0,295	0,000	0,008	0,017	FALSE
0,009	0,305	0,000	0,008	0,002	FALSE
-0,044	0,289	-0,001	0,007	0,078	FALSE
-0,037	0,304	-0,003	0,012	0,087	FALSE
-0,005	0,311	0,000	0,009	0,007	FALSE
-0,056	0,303	-0,002	0,007	0,094	FALSE
0,008	0,311	0,001	0,007	0,026	FALSE
-0,124	0,301	-0,004	0,009	0,188	FALSE
-0,025	0,304	-0,001	0,009	0,037	FALSE
-0,070	0,306	-0,001	0,007	0,064	FALSE
-0,040	0,302	-0,001	0,008	0,050	FALSE
-0,104	0,320	-0,002	0,008	0,101	FALSE
-0,008	0,312	0,000	0,007	0,010	FALSE
0,003	0,303	0,001	0,009	0,031	FALSE
0,033	0,295	0,001	0,009	0,054	FALSE
0,003	0,310	0,000	0,006	0,009	FALSE
-0,224	0,296	-0,007	0,009	0,360	FALSE

-0,104	0,300	-0,003	0,010	0,115	FALSE
-0,005	0,313	0,000	0,010	0,011	FALSE
0,036	0,312	0,001	0,010	0,033	FALSE
-0,112	0,296	-0,005	0,013	0,146	FALSE
-0,151	0,304	-0,006	0,013	0,185	FALSE
-0,069	0,322	-0,002	0,013	0,066	FALSE
-0,029	0,305	0,000	0,012	0,011	FALSE
0,012	0,307	0,000	0,009	0,019	FALSE
-0,057	0,295	-0,002	0,011	0,084	FALSE
-0,022	0,300	0,000	0,007	0,023	FALSE
0,083	0,311	0,002	0,008	0,088	FALSE
-0,115	0,303	-0,004	0,010	0,170	FALSE
-0,055	0,304	-0,001	0,011	0,048	FALSE
-0,125	0,310	-0,004	0,010	0,160	FALSE
0,089	0,293	0,003	0,009	0,107	FALSE
-0,067	0,310	-0,003	0,012	0,090	FALSE
0,022	0,307	0,001	0,007	0,026	FALSE
-0,001	0,310	0,000	0,011	0,003	FALSE
-0,049	0,321	-0,002	0,013	0,057	FALSE
-0,061	0,310	-0,003	0,013	0,084	FALSE
0,035	0,300	0,001	0,012	0,031	FALSE
0,016	0,298	0,000	0,012	0,015	FALSE
0,054	0,308	0,002	0,012	0,064	FALSE
-0,014	0,311	-0,001	0,012	0,032	FALSE
-0,121	0,304	-0,003	0,008	0,167	FALSE
0,015	0,312	0,001	0,007	0,034	FALSE
0,024	0,290	0,001	0,007	0,035	FALSE
0,026	0,303	0,001	0,007	0,056	FALSE
0,029	0,303	0,001	0,008	0,050	FALSE
-0,027	0,302	-0,001	0,008	0,025	FALSE
-0,072	0,306	-0,003	0,012	0,089	FALSE
-0,015	0,314	-0,001	0,013	0,029	FALSE
-0,006	0,315	0,000	0,007	0,006	FALSE
0,121	0,304	0,003	0,007	0,160	FALSE
-0,145	0,297	-0,006	0,012	0,199	FALSE
0,026	0,316	0,000	0,012	0,013	FALSE
0,018	0,301	0,000	0,008	0,004	FALSE
-0,060	0,301	-0,001	0,008	0,057	FALSE
-0,070	0,304	-0,002	0,008	0,076	FALSE
0,080	0,309	0,003	0,011	0,104	FALSE
-0,041	0,307	-0,001	0,008	0,041	FALSE
0,081	0,301	0,002	0,010	0,073	FALSE
-0,018	0,294	-0,001	0,007	0,030	FALSE
0,093	0,302	0,002	0,007	0,119	FALSE
0,041	0,301	0,002	0,012	0,049	FALSE
-0,060	0,307	-0,001	0,007	0,047	FALSE
-0,080	0,307	-0,003	0,013	0,100	FALSE
-0,095	0,292	-0,003	0,012	0,107	FALSE
0,079	0,304	0,002	0,008	0,091	FALSE
0,203	0,319	0,007	0,011	0,284	FALSE
0,093	0,304	0,003	0,013	0,106	FALSE
-0,069	0,316	-0,003	0,013	0,080	FALSE
-0,106	0,307	-0,002	0,007	0,131	FALSE

0,032	0,313	0,001	0,013	0,025	FALSE
-0,067	0,307	-0,003	0,013	0,076	FALSE
-0,060	0,281	-0,002	0,010	0,090	FALSE
0,037	0,305	0,002	0,012	0,053	FALSE
-0,019	0,300	-0,001	0,007	0,054	FALSE
0,024	0,311	0,000	0,008	0,009	FALSE
-0,039	0,308	-0,001	0,008	0,023	FALSE
0,043	0,303	0,001	0,007	0,041	FALSE
-0,104	0,304	-0,003	0,008	0,143	FALSE
-0,150	0,295	-0,005	0,009	0,199	FALSE
-0,080	0,287	-0,002	0,008	0,103	FALSE
0,077	0,306	0,002	0,009	0,104	FALSE
-0,036	0,319	-0,001	0,008	0,033	FALSE
-0,157	0,301	-0,004	0,008	0,256	FALSE
0,089	0,299	0,002	0,008	0,112	FALSE
0,028	0,309	0,001	0,007	0,058	FALSE
0,068	0,299	0,003	0,010	0,094	FALSE
0,097	0,297	0,003	0,009	0,150	FALSE
0,095	0,308	0,003	0,010	0,122	FALSE
-0,074	0,310	-0,001	0,007	0,054	FALSE
0,039	0,325	0,001	0,011	0,042	FALSE
0,051	0,318	0,001	0,007	0,057	FALSE
-0,067	0,301	-0,001	0,007	0,080	FALSE
-0,018	0,311	0,000	0,008	0,009	FALSE
0,067	0,313	0,003	0,011	0,095	FALSE
-0,030	0,304	-0,001	0,008	0,031	FALSE
-0,010	0,329	0,000	0,008	0,008	FALSE
-0,005	0,321	0,000	0,009	0,001	FALSE
-0,151	0,301	-0,004	0,009	0,205	FALSE
-0,044	0,308	-0,001	0,012	0,044	FALSE
0,025	0,311	0,001	0,008	0,025	FALSE
-0,101	0,302	-0,003	0,007	0,149	FALSE
0,070	0,309	0,002	0,009	0,097	FALSE
-0,007	0,316	-0,001	0,009	0,028	FALSE
0,049	0,299	0,001	0,008	0,042	FALSE
-0,140	0,308	-0,006	0,012	0,194	FALSE
-0,145	0,315	-0,006	0,012	0,211	FALSE
-0,131	0,298	-0,004	0,008	0,188	FALSE
0,096	0,305	0,003	0,009	0,126	FALSE
0,097	0,299	0,003	0,010	0,100	FALSE
0,046	0,308	0,001	0,007	0,062	FALSE
0,018	0,306	0,000	0,007	0,019	FALSE
-0,090	0,296	-0,002	0,007	0,093	FALSE
0,021	0,305	0,000	0,006	0,023	FALSE
0,073	0,305	0,003	0,011	0,087	FALSE
0,132	0,293	0,004	0,008	0,196	FALSE
0,109	0,307	0,003	0,009	0,147	FALSE
0,069	0,298	0,002	0,009	0,084	FALSE
0,088	0,306	0,003	0,008	0,133	FALSE
0,178	0,310	0,004	0,008	0,255	FALSE
0,061	0,319	0,002	0,011	0,081	FALSE
-0,034	0,313	-0,001	0,007	0,040	FALSE
0,093	0,308	0,002	0,007	0,117	FALSE

0,012	0,321	0,001	0,013	0,016	FALSE
0,046	0,313	0,001	0,009	0,023	FALSE
0,021	0,289	0,001	0,011	0,043	FALSE
-0,076	0,310	-0,002	0,010	0,082	FALSE
0,010	0,289	0,001	0,012	0,018	FALSE
-0,027	0,296	-0,001	0,009	0,037	FALSE
-0,082	0,301	-0,001	0,007	0,080	FALSE
-0,036	0,299	0,000	0,007	0,022	TRUE
-0,125	0,314	-0,005	0,012	0,164	FALSE
-0,117	0,312	-0,005	0,012	0,166	FALSE
0,020	0,301	0,001	0,008	0,051	FALSE
-0,104	0,302	-0,002	0,007	0,112	FALSE
0,099	0,310	0,002	0,007	0,123	FALSE
-0,189	0,297	-0,005	0,007	0,325	FALSE
-0,035	0,308	-0,002	0,010	0,059	FALSE
-0,025	0,317	-0,001	0,010	0,037	FALSE
-0,025	0,307	-0,001	0,010	0,050	FALSE
0,041	0,306	0,001	0,007	0,045	FALSE
0,120	0,296	0,005	0,010	0,221	FALSE
-0,048	0,308	-0,002	0,013	0,070	FALSE
-0,044	0,310	-0,002	0,010	0,075	FALSE
0,037	0,309	0,001	0,008	0,043	FALSE
-0,030	0,305	-0,001	0,011	0,051	FALSE
0,056	0,300	0,003	0,012	0,106	FALSE
0,004	0,299	0,000	0,010	0,003	FALSE
0,044	0,307	0,002	0,012	0,074	FALSE
0,050	0,308	0,003	0,013	0,092	FALSE
-0,066	0,306	-0,002	0,009	0,072	FALSE
0,186	0,309	0,004	0,007	0,252	FALSE
0,023	0,307	0,002	0,009	0,070	FALSE
0,034	0,298	0,001	0,011	0,048	FALSE
0,031	0,314	0,000	0,008	0,022	FALSE
0,021	0,309	0,001	0,007	0,032	FALSE
0,135	0,287	0,005	0,012	0,172	FALSE
0,135	0,290	0,005	0,012	0,177	FALSE
0,131	0,287	0,005	0,012	0,177	FALSE
0,024	0,310	0,001	0,007	0,033	FALSE
-0,031	0,312	0,000	0,007	0,010	FALSE
0,188	0,301	0,005	0,008	0,235	FALSE
-0,040	0,311	-0,001	0,010	0,027	FALSE
-0,062	0,291	-0,002	0,010	0,085	FALSE
-0,045	0,313	-0,002	0,010	0,057	FALSE
0,146	0,310	0,005	0,010	0,209	FALSE
-0,133	0,290	-0,003	0,008	0,140	FALSE
-0,064	0,304	-0,001	0,007	0,079	FALSE
0,030	0,309	0,000	0,010	0,018	FALSE
0,097	0,315	0,004	0,013	0,106	FALSE
-0,079	0,319	-0,003	0,012	0,097	FALSE
0,095	0,291	0,003	0,008	0,136	FALSE
-0,002	0,318	0,000	0,007	0,004	FALSE
-0,046	0,301	-0,001	0,009	0,046	FALSE
0,114	0,294	0,005	0,012	0,176	FALSE
0,104	0,292	0,003	0,009	0,115	FALSE

0,000	0,311	0,000	0,007	0,007	FALSE
0,058	0,297	0,002	0,008	0,103	FALSE
0,031	0,331	0,001	0,008	0,053	FALSE
0,012	0,289	0,000	0,006	0,008	FALSE
0,048	0,302	0,002	0,013	0,057	FALSE
-0,040	0,301	-0,001	0,007	0,045	FALSE
-0,054	0,302	-0,001	0,007	0,067	FALSE
-0,051	0,298	-0,001	0,007	0,069	FALSE
-0,100	0,295	-0,003	0,009	0,127	FALSE
0,001	0,307	0,000	0,011	0,013	FALSE
-0,043	0,306	-0,002	0,012	0,070	FALSE
-0,033	0,303	-0,002	0,012	0,051	FALSE
-0,020	0,316	-0,001	0,007	0,044	FALSE
0,203	0,306	0,006	0,009	0,330	FALSE
-0,059	0,303	-0,001	0,009	0,060	FALSE
0,084	0,310	0,003	0,011	0,118	FALSE
-0,040	0,300	-0,003	0,011	0,083	FALSE
-0,086	0,321	-0,003	0,011	0,093	FALSE
-0,072	0,319	-0,002	0,009	0,081	FALSE
0,041	0,304	0,001	0,006	0,071	FALSE
-0,075	0,303	-0,002	0,009	0,065	FALSE
-0,197	0,303	-0,004	0,007	0,281	FALSE
0,021	0,304	0,000	0,006	0,025	FALSE
-0,054	0,291	-0,001	0,007	0,063	FALSE
0,047	0,315	0,002	0,012	0,049	FALSE
0,204	0,306	0,004	0,006	0,306	FALSE
0,119	0,314	0,003	0,008	0,170	FALSE
-0,078	0,295	-0,003	0,013	0,100	FALSE
0,035	0,295	0,001	0,007	0,029	FALSE
-0,102	0,313	-0,002	0,009	0,110	FALSE
-0,030	0,298	-0,002	0,012	0,057	FALSE
0,002	0,299	0,000	0,009	0,017	FALSE
0,045	0,320	0,002	0,009	0,072	FALSE
0,023	0,313	0,001	0,008	0,033	FALSE
0,073	0,300	0,002	0,007	0,099	FALSE
0,112	0,299	0,005	0,012	0,169	FALSE
0,108	0,297	0,005	0,012	0,158	FALSE
0,078	0,317	0,001	0,007	0,075	FALSE
0,184	0,301	0,004	0,007	0,265	FALSE
0,071	0,312	0,003	0,012	0,108	FALSE
-0,067	0,312	-0,002	0,008	0,081	FALSE
0,032	0,308	0,002	0,008	0,074	FALSE
-0,185	0,307	-0,007	0,010	0,285	FALSE
0,087	0,286	0,004	0,012	0,143	FALSE
-0,030	0,306	-0,001	0,006	0,046	FALSE
0,056	0,299	0,002	0,011	0,069	FALSE
-0,066	0,302	-0,002	0,008	0,106	FALSE
0,066	0,321	0,002	0,007	0,100	FALSE
-0,033	0,317	-0,001	0,013	0,027	FALSE
0,056	0,320	0,001	0,007	0,046	FALSE
-0,095	0,303	-0,004	0,011	0,142	FALSE
0,022	0,301	0,001	0,010	0,023	FALSE
0,025	0,306	0,001	0,008	0,037	FALSE

0,031	0,306	0,000	0,008	0,013	FALSE
0,011	0,300	0,000	0,008	0,006	FALSE
-0,022	0,309	0,000	0,009	0,002	FALSE
-0,047	0,311	-0,001	0,011	0,046	FALSE
-0,086	0,315	-0,003	0,011	0,114	FALSE
-0,080	0,308	-0,003	0,011	0,100	FALSE
-0,109	0,300	-0,004	0,012	0,139	FALSE
0,033	0,304	0,000	0,010	0,016	FALSE
0,117	0,296	0,004	0,011	0,149	FALSE
-0,065	0,293	-0,001	0,007	0,063	FALSE
0,058	0,311	0,002	0,009	0,065	FALSE
0,026	0,320	0,000	0,013	0,013	FALSE
-0,002	0,307	0,000	0,013	0,013	FALSE
-0,141	0,293	-0,004	0,008	0,225	FALSE
-0,003	0,302	0,001	0,008	0,028	FALSE
-0,012	0,300	0,000	0,007	0,014	FALSE
-0,016	0,285	0,000	0,007	0,012	FALSE
-0,045	0,305	-0,001	0,012	0,033	FALSE
0,151	0,303	0,003	0,006	0,242	FALSE
-0,037	0,315	-0,001	0,007	0,047	FALSE
-0,050	0,318	-0,001	0,008	0,054	FALSE
0,034	0,327	0,002	0,014	0,061	FALSE
0,087	0,304	0,002	0,012	0,074	FALSE
-0,096	0,307	-0,003	0,011	0,110	FALSE
-0,037	0,305	-0,001	0,006	0,056	FALSE
-0,040	0,300	-0,001	0,009	0,034	FALSE
-0,051	0,320	-0,002	0,012	0,049	FALSE
-0,127	0,297	-0,003	0,008	0,156	FALSE
-0,005	0,314	0,001	0,010	0,023	FALSE
-0,068	0,314	-0,003	0,012	0,086	FALSE
-0,069	0,304	-0,003	0,013	0,100	FALSE
-0,102	0,315	-0,004	0,013	0,138	FALSE
-0,081	0,315	-0,004	0,012	0,117	FALSE
-0,080	0,300	-0,004	0,012	0,121	FALSE
-0,004	0,318	0,000	0,012	0,001	FALSE
-0,158	0,298	-0,004	0,008	0,213	FALSE
-0,014	0,295	0,000	0,007	0,008	FALSE
-0,024	0,314	-0,001	0,007	0,050	FALSE
-0,093	0,324	-0,003	0,010	0,114	FALSE
0,006	0,308	0,000	0,007	0,010	FALSE
-0,101	0,305	-0,003	0,010	0,146	FALSE
0,025	0,296	0,000	0,009	0,018	FALSE
-0,045	0,310	-0,001	0,008	0,058	FALSE
0,030	0,297	0,001	0,006	0,049	FALSE
-0,003	0,295	0,000	0,011	0,014	FALSE
-0,058	0,306	-0,002	0,011	0,076	FALSE
0,110	0,294	0,002	0,007	0,128	FALSE
-0,015	0,294	0,000	0,011	0,010	FALSE
0,029	0,309	0,001	0,007	0,046	FALSE
0,035	0,304	0,001	0,009	0,040	FALSE
-0,079	0,307	-0,002	0,006	0,126	FALSE
0,075	0,313	0,002	0,007	0,107	FALSE
0,086	0,310	0,003	0,011	0,098	FALSE

0,043	0,311	0,002	0,012	0,050	FALSE
0,047	0,311	0,001	0,009	0,048	FALSE
0,021	0,313	0,001	0,012	0,026	FALSE
-0,049	0,313	-0,002	0,013	0,060	FALSE
0,030	0,297	0,002	0,008	0,070	FALSE
-0,020	0,305	0,000	0,008	0,009	FALSE
0,073	0,307	0,002	0,008	0,097	FALSE
-0,016	0,315	-0,002	0,013	0,048	FALSE
-0,001	0,302	-0,001	0,012	0,021	FALSE
-0,007	0,296	-0,001	0,012	0,039	FALSE
-0,052	0,303	-0,001	0,007	0,045	FALSE
0,114	0,307	0,004	0,010	0,148	FALSE
-0,040	0,312	-0,001	0,007	0,040	FALSE
-0,026	0,314	0,000	0,008	0,012	FALSE
-0,004	0,300	0,000	0,013	0,002	FALSE
-0,035	0,293	-0,001	0,012	0,038	FALSE
0,023	0,307	0,001	0,011	0,050	FALSE
0,034	0,304	0,001	0,011	0,047	FALSE
0,084	0,312	0,003	0,013	0,090	FALSE
0,134	0,289	0,003	0,007	0,180	FALSE
0,080	0,315	0,002	0,007	0,091	FALSE
-0,072	0,298	-0,003	0,010	0,096	FALSE
-0,124	0,294	-0,004	0,010	0,178	FALSE
-0,090	0,307	-0,002	0,008	0,103	FALSE
0,016	0,315	0,000	0,007	0,023	FALSE
0,056	0,300	0,001	0,009	0,030	FALSE
0,169	0,309	0,007	0,011	0,269	FALSE
-0,155	0,307	-0,005	0,009	0,244	FALSE
-0,036	0,321	-0,002	0,012	0,047	FALSE
-0,106	0,302	-0,005	0,013	0,149	FALSE
0,023	0,318	0,000	0,007	0,023	FALSE
0,030	0,318	0,001	0,010	0,036	FALSE
0,062	0,285	0,002	0,009	0,079	FALSE
-0,043	0,308	-0,001	0,009	0,037	FALSE
0,023	0,309	0,001	0,007	0,036	FALSE
0,089	0,301	0,002	0,009	0,098	FALSE
0,009	0,306	0,001	0,008	0,034	FALSE
0,012	0,313	0,001	0,013	0,018	FALSE
0,082	0,301	0,002	0,007	0,092	FALSE
0,012	0,305	0,000	0,008	0,021	FALSE
0,036	0,305	0,001	0,011	0,043	FALSE
-0,106	0,288	-0,004	0,010	0,184	FALSE
-0,013	0,309	0,000	0,013	0,004	FALSE
-0,130	0,316	-0,004	0,009	0,170	FALSE
0,020	0,301	0,001	0,012	0,016	FALSE
0,001	0,303	0,000	0,012	0,005	FALSE
0,035	0,307	0,001	0,008	0,060	FALSE
-0,033	0,305	0,000	0,007	0,025	FALSE
0,102	0,299	0,004	0,008	0,169	FALSE
-0,069	0,310	-0,002	0,009	0,082	FALSE
0,116	0,317	0,002	0,007	0,131	FALSE
0,089	0,325	0,002	0,007	0,113	FALSE
0,055	0,304	0,002	0,012	0,066	FALSE

-0,085	0,296	-0,003	0,009	0,124	FALSE
-0,077	0,307	-0,003	0,009	0,110	FALSE
0,062	0,303	0,002	0,012	0,067	FALSE
0,126	0,301	0,005	0,012	0,151	FALSE
-0,079	0,304	-0,001	0,007	0,061	FALSE
0,061	0,316	0,002	0,009	0,089	FALSE
0,097	0,281	0,005	0,012	0,152	FALSE
0,060	0,310	0,002	0,012	0,056	FALSE
0,029	0,311	0,000	0,010	0,001	FALSE
0,058	0,308	0,001	0,007	0,052	FALSE
-0,015	0,306	0,000	0,007	0,011	FALSE
0,104	0,299	0,003	0,008	0,121	FALSE
0,012	0,305	0,000	0,011	0,012	FALSE
0,133	0,295	0,005	0,013	0,142	FALSE
0,183	0,283	0,006	0,012	0,227	FALSE
-0,127	0,305	-0,003	0,007	0,172	FALSE
-0,111	0,306	-0,002	0,007	0,098	FALSE
-0,075	0,318	-0,003	0,012	0,101	FALSE
0,096	0,315	0,004	0,012	0,122	FALSE
0,057	0,305	0,002	0,012	0,070	FALSE
-0,045	0,306	-0,001	0,008	0,044	FALSE
-0,024	0,291	0,000	0,007	0,015	FALSE
-0,073	0,315	-0,002	0,007	0,122	FALSE
-0,059	0,327	-0,002	0,007	0,093	FALSE
0,068	0,299	0,002	0,007	0,077	FALSE
-0,017	0,299	0,000	0,009	0,006	FALSE
-0,042	0,308	-0,001	0,008	0,060	FALSE
-0,001	0,313	0,000	0,008	0,007	FALSE
0,012	0,299	-0,001	0,010	0,018	FALSE
-0,016	0,297	-0,001	0,009	0,021	FALSE
-0,103	0,301	-0,002	0,008	0,086	FALSE
-0,029	0,318	0,000	0,008	0,018	FALSE
-0,045	0,298	-0,002	0,008	0,071	FALSE
-0,038	0,313	-0,001	0,007	0,028	FALSE
-0,075	0,303	-0,001	0,007	0,063	FALSE
0,007	0,313	0,000	0,007	0,014	FALSE
0,154	0,305	0,004	0,008	0,218	FALSE
-0,062	0,312	-0,001	0,007	0,055	FALSE
-0,134	0,317	-0,003	0,007	0,175	FALSE
0,076	0,313	0,002	0,009	0,073	FALSE
0,109	0,306	0,003	0,006	0,174	FALSE
-0,124	0,310	-0,003	0,007	0,164	FALSE
0,035	0,301	0,001	0,007	0,037	FALSE
-0,068	0,299	-0,001	0,011	0,052	FALSE
-0,099	0,296	-0,004	0,011	0,133	FALSE
-0,167	0,301	-0,004	0,007	0,231	FALSE
0,013	0,325	0,001	0,008	0,027	FALSE
-0,044	0,315	-0,002	0,006	0,090	FALSE
-0,031	0,311	0,000	0,009	0,015	FALSE
-0,117	0,304	-0,003	0,007	0,203	FALSE
-0,031	0,304	-0,001	0,008	0,024	FALSE
0,083	0,307	0,002	0,009	0,093	FALSE
-0,049	0,299	-0,001	0,007	0,054	FALSE

0,060	0,313	0,002	0,010	0,073	FALSE
-0,033	0,310	-0,001	0,007	0,051	FALSE
0,007	0,309	0,000	0,008	0,017	FALSE
0,097	0,312	0,003	0,010	0,117	FALSE
-0,050	0,308	-0,002	0,011	0,064	FALSE
0,073	0,293	0,003	0,013	0,105	FALSE
0,026	0,295	0,001	0,006	0,028	FALSE
-0,030	0,284	-0,001	0,008	0,028	FALSE
0,067	0,307	0,002	0,008	0,074	FALSE
0,082	0,313	0,002	0,007	0,090	FALSE
0,032	0,317	0,001	0,012	0,034	FALSE
-0,013	0,303	0,000	0,008	0,016	FALSE
-0,036	0,298	-0,001	0,007	0,055	FALSE
-0,109	0,302	-0,003	0,008	0,170	FALSE
-0,001	0,304	0,001	0,010	0,029	FALSE
0,077	0,305	0,004	0,013	0,142	FALSE
0,047	0,296	0,001	0,007	0,067	FALSE
-0,001	0,307	0,000	0,007	0,000	FALSE
0,044	0,321	0,002	0,012	0,058	FALSE
-0,092	0,302	-0,002	0,007	0,133	FALSE
0,042	0,310	0,002	0,010	0,082	FALSE
0,008	0,314	0,000	0,009	0,001	FALSE
0,036	0,300	0,002	0,011	0,059	FALSE
-0,024	0,312	-0,001	0,013	0,038	FALSE
0,001	0,304	0,000	0,009	0,002	FALSE
-0,114	0,295	-0,003	0,007	0,153	FALSE
0,032	0,299	0,001	0,008	0,056	FALSE
-0,024	0,307	0,000	0,006	0,007	FALSE
0,047	0,289	0,002	0,008	0,121	FALSE
-0,159	0,302	-0,006	0,010	0,264	FALSE
0,123	0,316	0,003	0,007	0,180	FALSE
0,037	0,296	0,002	0,012	0,075	FALSE
-0,060	0,304	-0,003	0,013	0,084	FALSE
-0,188	0,296	-0,008	0,013	0,266	FALSE
-0,036	0,309	-0,001	0,013	0,038	FALSE
-0,091	0,309	-0,003	0,011	0,119	FALSE
-0,001	0,304	0,000	0,008	0,018	FALSE
-0,099	0,304	-0,002	0,006	0,131	FALSE
0,001	0,309	0,000	0,008	0,005	FALSE
0,098	0,315	0,003	0,008	0,133	FALSE
-0,099	0,320	-0,002	0,008	0,113	FALSE
-0,016	0,311	0,000	0,007	0,014	FALSE
0,180	0,316	0,005	0,010	0,241	FALSE
-0,054	0,312	-0,002	0,007	0,090	FALSE
-0,016	0,314	0,000	0,007	0,014	FALSE
-0,037	0,321	-0,001	0,009	0,050	FALSE
0,017	0,319	0,001	0,008	0,029	FALSE
-0,055	0,315	-0,002	0,013	0,052	FALSE
0,066	0,299	0,002	0,008	0,087	FALSE
0,015	0,312	0,001	0,014	0,026	FALSE
-0,020	0,317	0,000	0,008	0,015	FALSE
-0,224	0,304	-0,009	0,011	0,364	FALSE
0,108	0,315	0,003	0,010	0,128	FALSE

0,085	0,324	0,003	0,008	0,130	FALSE
0,069	0,310	0,001	0,006	0,072	FALSE
0,093	0,308	0,004	0,013	0,130	FALSE
-0,149	0,308	-0,006	0,011	0,235	FALSE
0,022	0,310	0,001	0,008	0,046	FALSE
0,065	0,316	0,002	0,007	0,090	FALSE
-0,005	0,308	0,000	0,008	0,017	FALSE
-0,022	0,301	-0,001	0,008	0,040	FALSE
0,029	0,307	0,001	0,011	0,025	FALSE
-0,097	0,302	-0,002	0,007	0,136	FALSE
0,118	0,298	0,003	0,008	0,156	FALSE
0,034	0,315	0,001	0,007	0,043	FALSE
-0,009	0,308	0,000	0,007	0,010	FALSE
0,061	0,310	0,002	0,007	0,087	FALSE
0,014	0,306	0,001	0,010	0,029	FALSE
0,123	0,302	0,003	0,007	0,167	FALSE
0,047	0,308	0,001	0,006	0,034	FALSE
-0,019	0,309	-0,001	0,011	0,028	FALSE
0,035	0,310	0,001	0,012	0,042	FALSE
0,018	0,310	0,001	0,007	0,052	FALSE
0,001	0,305	0,000	0,012	0,007	FALSE
-0,085	0,309	-0,002	0,008	0,111	FALSE
0,159	0,310	0,004	0,008	0,230	FALSE
-0,141	0,312	-0,005	0,010	0,191	FALSE
-0,006	0,314	0,000	0,009	0,007	FALSE
-0,087	0,305	-0,002	0,010	0,095	FALSE
0,019	0,312	0,001	0,008	0,037	FALSE
0,028	0,307	0,001	0,009	0,049	FALSE
-0,013	0,295	0,000	0,009	0,008	FALSE
-0,009	0,297	0,000	0,008	0,006	FALSE
0,147	0,301	0,005	0,008	0,241	FALSE
0,157	0,301	0,003	0,008	0,189	FALSE
0,007	0,300	0,000	0,007	0,010	FALSE
0,104	0,300	0,003	0,009	0,116	FALSE
-0,179	0,308	-0,005	0,008	0,256	FALSE
-0,040	0,311	-0,001	0,010	0,057	FALSE
0,064	0,302	0,002	0,007	0,100	FALSE
0,025	0,307	0,001	0,007	0,041	FALSE
-0,028	0,311	-0,002	0,013	0,047	FALSE
-0,044	0,310	-0,001	0,009	0,052	FALSE
0,027	0,305	0,001	0,009	0,025	FALSE
0,018	0,298	0,001	0,008	0,043	FALSE
0,042	0,323	0,002	0,010	0,063	FALSE
-0,087	0,307	-0,003	0,012	0,095	FALSE
0,035	0,296	0,001	0,008	0,064	FALSE
0,002	0,309	0,000	0,009	0,015	FALSE
-0,009	0,312	-0,001	0,011	0,019	FALSE
0,051	0,305	0,001	0,007	0,069	FALSE
0,074	0,320	0,002	0,007	0,104	FALSE
0,079	0,312	0,003	0,011	0,118	FALSE
0,096	0,306	0,004	0,011	0,132	FALSE
-0,027	0,311	-0,001	0,013	0,029	FALSE
0,051	0,314	0,002	0,007	0,084	FALSE

0,030	0,307	0,001	0,010	0,018	FALSE
0,057	0,314	0,002	0,008	0,085	FALSE
-0,031	0,303	-0,002	0,012	0,070	FALSE
0,006	0,320	0,000	0,013	0,011	FALSE
0,098	0,309	0,005	0,013	0,140	FALSE
-0,039	0,299	-0,002	0,009	0,065	FALSE
0,002	0,294	0,000	0,009	0,008	FALSE
0,084	0,310	0,002	0,007	0,115	FALSE
-0,060	0,313	-0,001	0,007	0,061	FALSE
0,008	0,313	0,001	0,013	0,025	FALSE
0,046	0,299	0,002	0,010	0,075	FALSE
0,082	0,321	0,003	0,012	0,113	FALSE
0,095	0,297	0,002	0,011	0,086	FALSE
0,163	0,292	0,005	0,011	0,220	FALSE
0,041	0,297	0,001	0,009	0,045	FALSE
0,083	0,312	0,003	0,013	0,090	FALSE
0,001	0,310	0,000	0,010	0,008	FALSE
-0,058	0,303	-0,001	0,007	0,068	FALSE
-0,031	0,304	0,000	0,008	0,018	FALSE
0,002	0,316	0,000	0,010	0,018	FALSE
0,116	0,298	0,005	0,012	0,182	FALSE
0,065	0,301	0,003	0,013	0,083	FALSE
-0,142	0,325	-0,004	0,011	0,160	FALSE
0,054	0,303	0,001	0,008	0,056	FALSE
0,050	0,301	0,001	0,009	0,041	FALSE
-0,104	0,314	-0,003	0,008	0,141	FALSE
0,046	0,316	0,002	0,013	0,058	FALSE
0,051	0,295	0,002	0,007	0,089	FALSE
-0,027	0,311	0,000	0,008	0,017	FALSE
-0,017	0,298	-0,001	0,012	0,042	FALSE
0,230	0,296	0,006	0,008	0,355	FALSE
-0,070	0,302	-0,002	0,007	0,081	FALSE
0,085	0,313	0,002	0,007	0,101	FALSE
0,111	0,306	0,003	0,007	0,147	FALSE
-0,066	0,306	-0,003	0,013	0,096	FALSE
0,024	0,296	0,001	0,007	0,057	FALSE
0,011	0,318	0,001	0,008	0,038	FALSE
-0,027	0,314	-0,001	0,008	0,023	FALSE
-0,045	0,300	-0,001	0,006	0,070	FALSE
-0,009	0,306	0,000	0,007	0,013	FALSE
0,096	0,318	0,003	0,008	0,160	FALSE
-0,140	0,301	-0,003	0,007	0,181	FALSE
0,069	0,307	0,003	0,013	0,093	FALSE
-0,086	0,293	-0,002	0,008	0,091	FALSE
0,007	0,324	0,000	0,013	0,013	FALSE
0,019	0,308	0,000	0,013	0,006	FALSE
0,027	0,295	0,001	0,007	0,039	FALSE
0,047	0,293	0,001	0,010	0,051	FALSE
0,094	0,298	0,002	0,007	0,130	FALSE
0,028	0,297	0,000	0,009	0,007	FALSE
0,039	0,310	0,001	0,007	0,061	FALSE
-0,015	0,309	-0,001	0,010	0,025	FALSE
-0,027	0,322	-0,001	0,012	0,028	FALSE

0,150	0,299	0,004	0,008	0,229	FALSE
0,077	0,310	0,002	0,007	0,105	FALSE
0,004	0,299	0,000	0,011	0,013	FALSE
-0,024	0,322	-0,001	0,011	0,032	FALSE
0,002	0,313	0,000	0,010	0,004	FALSE
-0,110	0,301	-0,003	0,008	0,136	FALSE
0,059	0,326	0,002	0,013	0,047	FALSE
-0,080	0,306	-0,002	0,009	0,103	FALSE
-0,081	0,306	-0,002	0,008	0,069	FALSE
0,009	0,316	0,000	0,010	0,010	FALSE
0,102	0,309	0,003	0,011	0,111	FALSE
-0,035	0,300	-0,001	0,007	0,057	FALSE
0,002	0,294	-0,001	0,009	0,021	FALSE
-0,032	0,314	-0,001	0,013	0,021	FALSE
-0,101	0,303	-0,004	0,011	0,135	FALSE
-0,054	0,297	-0,001	0,007	0,051	FALSE
0,022	0,302	0,001	0,008	0,052	FALSE
-0,011	0,315	0,001	0,008	0,028	FALSE
-0,056	0,319	-0,002	0,008	0,076	FALSE
-0,059	0,301	-0,002	0,007	0,086	FALSE
0,012	0,306	-0,001	0,008	0,026	FALSE
0,093	0,300	0,003	0,009	0,128	FALSE
-0,005	0,310	0,000	0,012	0,012	FALSE
0,048	0,316	0,001	0,009	0,049	FALSE
-0,009	0,302	0,000	0,009	0,018	FALSE
-0,027	0,310	0,000	0,007	0,025	FALSE
0,009	0,301	0,000	0,008	0,015	FALSE
0,111	0,326	0,003	0,007	0,154	FALSE
-0,017	0,325	0,000	0,011	0,007	FALSE
0,117	0,320	0,003	0,007	0,160	FALSE
0,035	0,315	0,001	0,007	0,041	FALSE
0,091	0,297	0,004	0,010	0,176	FALSE
-0,017	0,294	0,000	0,008	0,003	FALSE
0,018	0,310	0,001	0,007	0,032	FALSE
-0,007	0,301	0,000	0,010	0,003	FALSE
-0,063	0,295	-0,002	0,009	0,085	FALSE
-0,065	0,306	-0,001	0,007	0,078	FALSE
-0,085	0,296	-0,002	0,010	0,078	FALSE
0,065	0,310	0,002	0,008	0,085	FALSE
0,060	0,304	0,002	0,012	0,076	FALSE
0,087	0,310	0,002	0,007	0,128	FALSE
-0,084	0,314	-0,002	0,007	0,091	FALSE
-0,090	0,310	-0,002	0,007	0,108	FALSE
0,115	0,302	0,002	0,008	0,123	FALSE
-0,017	0,301	0,000	0,007	0,004	FALSE
0,128	0,300	0,005	0,012	0,167	FALSE
0,033	0,292	0,002	0,012	0,061	FALSE
0,103	0,315	0,004	0,011	0,126	FALSE
-0,093	0,290	-0,004	0,012	0,148	FALSE
-0,052	0,305	-0,001	0,007	0,078	FALSE
0,034	0,299	0,002	0,009	0,060	FALSE
0,091	0,307	0,004	0,012	0,134	FALSE
0,079	0,298	0,002	0,008	0,111	FALSE

0,088	0,299	0,003	0,009	0,129	FALSE
0,124	0,298	0,005	0,012	0,183	FALSE
0,038	0,305	0,002	0,013	0,061	FALSE
-0,013	0,306	-0,001	0,012	0,021	FALSE
0,030	0,297	0,001	0,012	0,027	FALSE
0,045	0,298	0,001	0,009	0,025	FALSE
-0,019	0,312	-0,001	0,012	0,028	FALSE
0,020	0,310	0,001	0,010	0,036	FALSE
-0,076	0,309	-0,004	0,013	0,118	FALSE
-0,027	0,300	0,000	0,007	0,002	FALSE
0,075	0,309	0,003	0,009	0,124	FALSE
0,033	0,310	0,002	0,011	0,052	FALSE
0,056	0,316	0,001	0,007	0,071	FALSE
0,000	0,312	0,000	0,008	0,010	FALSE
0,009	0,321	0,001	0,011	0,017	FALSE
-0,009	0,312	-0,001	0,009	0,029	FALSE
-0,208	0,299	-0,006	0,010	0,298	FALSE
-0,100	0,300	-0,003	0,010	0,126	FALSE
0,086	0,308	0,004	0,013	0,112	FALSE
0,001	0,319	0,001	0,013	0,034	FALSE
-0,084	0,301	-0,004	0,009	0,184	FALSE
0,058	0,311	0,002	0,008	0,094	FALSE
0,119	0,299	0,003	0,009	0,138	FALSE
-0,090	0,302	-0,003	0,011	0,114	FALSE
-0,067	0,288	-0,002	0,011	0,081	FALSE
0,127	0,308	0,003	0,008	0,159	FALSE
0,120	0,307	0,003	0,009	0,151	FALSE
0,064	0,303	0,003	0,013	0,081	FALSE
-0,060	0,299	-0,002	0,008	0,072	FALSE
-0,062	0,298	-0,001	0,009	0,053	FALSE
-0,056	0,313	-0,001	0,007	0,051	FALSE
-0,072	0,309	-0,001	0,009	0,055	FALSE
0,041	0,307	0,001	0,007	0,072	FALSE
0,047	0,302	0,001	0,010	0,050	FALSE
0,054	0,304	0,002	0,009	0,082	FALSE
-0,083	0,316	-0,002	0,008	0,101	FALSE
-0,020	0,310	-0,001	0,009	0,027	FALSE
-0,086	0,302	-0,002	0,006	0,099	FALSE
0,027	0,299	0,001	0,009	0,044	FALSE
-0,081	0,310	-0,004	0,013	0,110	FALSE
-0,027	0,303	0,000	0,008	0,023	FALSE
-0,048	0,305	-0,002	0,009	0,068	FALSE
-0,024	0,307	-0,001	0,009	0,023	FALSE
-0,099	0,308	-0,003	0,010	0,131	FALSE
-0,133	0,305	-0,006	0,012	0,187	FALSE
0,073	0,302	0,002	0,007	0,079	FALSE
0,116	0,292	0,005	0,012	0,168	FALSE
0,019	0,316	0,000	0,008	0,005	FALSE
0,063	0,313	0,002	0,009	0,083	FALSE
-0,004	0,310	0,000	0,007	0,004	FALSE
-0,017	0,323	-0,001	0,013	0,027	FALSE
0,107	0,301	0,003	0,007	0,197	FALSE
-0,050	0,291	0,000	0,006	0,030	FALSE

-0,047	0,326	-0,002	0,012	0,070	FALSE
0,095	0,314	0,003	0,009	0,133	FALSE
0,131	0,302	0,004	0,009	0,195	FALSE
-0,086	0,318	-0,002	0,012	0,081	FALSE
-0,006	0,305	-0,001	0,012	0,026	FALSE
-0,012	0,309	0,000	0,011	0,008	FALSE
-0,020	0,297	-0,002	0,012	0,064	FALSE
-0,014	0,307	-0,001	0,013	0,024	FALSE
0,040	0,295	0,001	0,008	0,032	FALSE
-0,018	0,309	-0,001	0,013	0,025	FALSE
0,048	0,311	0,001	0,008	0,037	FALSE
-0,044	0,321	-0,001	0,007	0,049	FALSE
-0,127	0,314	-0,003	0,007	0,186	FALSE
0,101	0,307	0,004	0,013	0,123	FALSE
0,153	0,305	0,007	0,011	0,273	FALSE
-0,136	0,308	-0,003	0,007	0,189	FALSE
0,076	0,299	0,003	0,009	0,134	FALSE
0,131	0,300	0,005	0,010	0,210	FALSE
0,021	0,301	0,000	0,008	0,000	FALSE
0,040	0,294	0,000	0,011	0,004	FALSE
-0,035	0,289	-0,001	0,008	0,052	FALSE
-0,181	0,312	-0,004	0,007	0,250	FALSE
-0,037	0,295	-0,001	0,012	0,043	FALSE
-0,036	0,279	-0,001	0,011	0,040	FALSE
-0,032	0,322	-0,002	0,009	0,060	FALSE
0,030	0,305	0,000	0,010	0,015	FALSE
-0,061	0,292	-0,001	0,007	0,039	FALSE
-0,042	0,294	-0,001	0,007	0,032	FALSE
-0,062	0,310	-0,001	0,008	0,045	FALSE
-0,009	0,304	-0,001	0,010	0,037	FALSE
0,038	0,308	0,001	0,012	0,029	FALSE
0,091	0,295	0,003	0,009	0,123	FALSE
0,106	0,298	0,003	0,008	0,134	FALSE
0,019	0,291	0,001	0,012	0,031	FALSE
0,018	0,310	0,000	0,012	0,011	FALSE
-0,010	0,306	-0,001	0,012	0,024	FALSE
-0,052	0,304	-0,001	0,012	0,038	FALSE
-0,080	0,293	-0,002	0,007	0,094	FALSE
-0,031	0,314	-0,002	0,013	0,050	FALSE
0,099	0,302	0,004	0,012	0,121	FALSE
0,023	0,305	0,001	0,009	0,035	FALSE
-0,025	0,308	-0,001	0,009	0,025	FALSE
0,047	0,313	0,002	0,010	0,074	FALSE
-0,065	0,313	-0,003	0,012	0,087	FALSE
0,017	0,310	0,001	0,007	0,034	FALSE
-0,078	0,311	-0,002	0,009	0,093	FALSE
-0,109	0,308	-0,003	0,009	0,152	FALSE
-0,143	0,303	-0,005	0,011	0,174	FALSE
-0,033	0,301	-0,001	0,007	0,053	FALSE
0,043	0,317	0,002	0,009	0,069	FALSE
-0,005	0,297	0,000	0,008	0,001	FALSE
-0,018	0,304	0,000	0,008	0,014	FALSE
-0,073	0,311	-0,002	0,008	0,083	FALSE

-0,019	0,295	-0,001	0,009	0,021	FALSE
0,111	0,299	0,002	0,006	0,151	FALSE
-0,050	0,315	-0,002	0,012	0,062	FALSE
-0,133	0,298	-0,003	0,007	0,171	FALSE
0,065	0,320	0,002	0,012	0,074	FALSE
0,038	0,300	0,001	0,008	0,051	FALSE
-0,021	0,304	-0,001	0,008	0,031	FALSE
-0,072	0,308	-0,002	0,007	0,089	FALSE
0,009	0,302	0,001	0,009	0,057	FALSE
0,116	0,312	0,005	0,012	0,165	FALSE
0,059	0,316	0,001	0,010	0,044	FALSE
0,063	0,312	0,002	0,010	0,072	FALSE
0,060	0,299	0,002	0,008	0,080	FALSE
0,082	0,287	0,002	0,009	0,095	FALSE
-0,016	0,307	-0,001	0,012	0,023	FALSE
-0,020	0,307	-0,001	0,010	0,026	FALSE
-0,174	0,306	-0,006	0,009	0,283	FALSE
0,131	0,308	0,004	0,010	0,175	FALSE
-0,060	0,314	-0,001	0,008	0,036	FALSE
-0,079	0,305	-0,003	0,009	0,116	FALSE
-0,119	0,304	-0,005	0,011	0,175	FALSE
-0,021	0,281	0,000	0,011	0,006	FALSE
-0,016	0,308	0,000	0,009	0,005	FALSE
-0,021	0,313	-0,001	0,010	0,027	FALSE
0,127	0,285	0,004	0,012	0,146	FALSE
0,077	0,312	0,002	0,007	0,116	FALSE
0,054	0,298	0,003	0,011	0,089	FALSE
0,067	0,309	0,001	0,009	0,059	FALSE
0,034	0,306	0,001	0,009	0,022	FALSE
0,077	0,316	0,002	0,009	0,072	FALSE
-0,057	0,296	-0,002	0,008	0,086	FALSE
-0,096	0,311	-0,002	0,008	0,103	FALSE
-0,057	0,313	-0,001	0,007	0,046	FALSE
-0,024	0,313	-0,001	0,011	0,022	FALSE
-0,024	0,308	0,000	0,007	0,017	FALSE
0,063	0,321	0,002	0,009	0,069	FALSE
0,074	0,299	0,002	0,009	0,089	FALSE
-0,008	0,310	0,000	0,009	0,008	FALSE
0,133	0,300	0,005	0,011	0,173	FALSE
0,098	0,302	0,003	0,011	0,119	FALSE
0,103	0,305	0,004	0,011	0,134	FALSE
0,099	0,287	0,003	0,009	0,142	FALSE
0,076	0,307	0,002	0,008	0,110	FALSE
0,039	0,311	0,001	0,007	0,041	FALSE
-0,022	0,303	0,000	0,010	0,014	FALSE
-0,195	0,311	-0,004	0,007	0,285	FALSE
0,127	0,314	0,005	0,013	0,164	FALSE
-0,150	0,305	-0,004	0,009	0,191	FALSE
-0,137	0,302	-0,004	0,009	0,181	FALSE
0,038	0,312	0,001	0,008	0,033	FALSE
0,018	0,299	0,001	0,006	0,055	FALSE
0,005	0,321	0,000	0,012	0,003	FALSE
0,039	0,311	0,001	0,007	0,033	FALSE

-0,021	0,300	-0,001	0,009	0,031	FALSE
0,008	0,308	0,000	0,010	0,014	FALSE
0,030	0,293	0,000	0,010	0,003	FALSE
-0,063	0,298	-0,002	0,010	0,073	FALSE
-0,015	0,307	0,000	0,010	0,007	FALSE
0,070	0,304	0,001	0,008	0,070	FALSE
-0,077	0,310	-0,002	0,011	0,068	FALSE
0,022	0,304	0,001	0,008	0,030	FALSE
-0,039	0,303	-0,001	0,011	0,034	TRUE
-0,020	0,308	0,000	0,008	0,012	FALSE
0,028	0,313	0,001	0,010	0,033	FALSE
0,124	0,299	0,005	0,011	0,216	FALSE
-0,028	0,315	-0,001	0,008	0,032	FALSE
-0,022	0,307	-0,001	0,009	0,022	FALSE
-0,025	0,316	-0,001	0,009	0,019	FALSE
-0,022	0,299	-0,001	0,009	0,032	FALSE
-0,053	0,307	-0,002	0,010	0,055	FALSE
0,040	0,318	0,002	0,012	0,055	FALSE
-0,019	0,302	0,000	0,007	0,019	FALSE
0,019	0,303	0,001	0,011	0,019	FALSE
-0,046	0,304	-0,001	0,009	0,047	FALSE
0,014	0,310	0,001	0,010	0,021	FALSE
-0,032	0,308	-0,001	0,013	0,024	FALSE
0,056	0,296	0,002	0,011	0,072	FALSE
0,085	0,312	0,003	0,012	0,087	FALSE
0,065	0,315	0,002	0,012	0,061	FALSE
0,137	0,306	0,006	0,013	0,191	FALSE
-0,016	0,312	-0,001	0,012	0,018	FALSE
0,039	0,308	0,001	0,012	0,037	FALSE
0,049	0,306	0,001	0,012	0,043	FALSE
-0,017	0,317	-0,001	0,007	0,036	FALSE
0,090	0,310	0,003	0,008	0,132	FALSE
-0,001	0,313	0,000	0,007	0,014	FALSE
0,045	0,312	0,001	0,007	0,064	FALSE
-0,121	0,305	-0,003	0,009	0,144	FALSE
-0,074	0,298	-0,004	0,011	0,139	FALSE
0,086	0,305	0,003	0,010	0,118	FALSE
0,041	0,310	0,001	0,010	0,048	FALSE
0,027	0,298	0,000	0,008	0,001	FALSE
-0,028	0,292	-0,001	0,010	0,022	FALSE
0,033	0,312	0,001	0,007	0,039	FALSE
0,003	0,310	0,000	0,011	0,000	FALSE
0,059	0,300	0,002	0,010	0,089	FALSE
0,209	0,289	0,009	0,012	0,340	FALSE
-0,006	0,300	0,000	0,012	0,006	FALSE
0,048	0,315	0,001	0,006	0,066	FALSE
-0,109	0,301	-0,003	0,008	0,174	FALSE
-0,083	0,297	-0,001	0,007	0,087	FALSE
-0,008	0,302	0,000	0,012	0,005	FALSE
-0,080	0,304	-0,003	0,009	0,121	FALSE
0,088	0,309	0,002	0,008	0,128	FALSE
0,125	0,312	0,003	0,008	0,174	FALSE
-0,066	0,306	-0,002	0,012	0,058	FALSE

-0,032	0,298	-0,001	0,006	0,032	FALSE
-0,051	0,300	-0,001	0,007	0,058	FALSE
0,055	0,312	0,002	0,012	0,073	FALSE
0,074	0,302	0,003	0,011	0,098	FALSE
0,081	0,318	0,003	0,012	0,106	FALSE
0,008	0,309	0,000	0,010	0,010	FALSE
-0,035	0,305	-0,001	0,007	0,040	FALSE
0,028	0,328	0,000	0,009	0,011	FALSE
0,142	0,302	0,003	0,007	0,203	FALSE
-0,009	0,313	0,000	0,010	0,001	FALSE
-0,095	0,304	-0,004	0,010	0,140	FALSE
0,083	0,313	0,002	0,008	0,113	FALSE
0,080	0,317	0,002	0,008	0,093	FALSE
-0,033	0,321	-0,001	0,011	0,021	FALSE
-0,062	0,304	-0,002	0,009	0,085	FALSE
-0,183	0,293	-0,006	0,009	0,301	FALSE
-0,177	0,304	-0,006	0,010	0,272	FALSE
-0,160	0,298	-0,006	0,010	0,262	FALSE
-0,155	0,298	-0,006	0,010	0,265	FALSE
-0,146	0,294	-0,007	0,013	0,228	FALSE
0,085	0,312	0,002	0,007	0,114	FALSE
0,069	0,304	0,001	0,007	0,084	FALSE
0,081	0,294	0,002	0,006	0,110	FALSE
0,078	0,313	0,002	0,007	0,091	FALSE
0,107	0,290	0,003	0,011	0,123	FALSE
0,061	0,308	0,001	0,007	0,062	FALSE
0,046	0,307	0,001	0,010	0,043	FALSE
-0,004	0,305	0,000	0,008	0,020	FALSE
0,047	0,313	0,001	0,012	0,045	FALSE
-0,002	0,314	0,000	0,011	0,014	FALSE
-0,064	0,319	-0,001	0,008	0,058	FALSE
-0,112	0,322	-0,004	0,010	0,146	FALSE
-0,024	0,301	0,000	0,006	0,011	FALSE
0,018	0,313	0,001	0,013	0,025	FALSE
0,041	0,302	0,001	0,007	0,062	FALSE
0,119	0,305	0,005	0,012	0,161	FALSE
0,005	0,312	0,000	0,008	0,007	FALSE
-0,083	0,305	-0,003	0,009	0,116	FALSE
0,051	0,303	0,002	0,009	0,062	FALSE
-0,053	0,309	-0,001	0,013	0,027	FALSE
-0,006	0,304	0,000	0,012	0,004	FALSE
0,116	0,304	0,003	0,006	0,174	FALSE
-0,063	0,295	-0,002	0,008	0,087	FALSE
0,068	0,299	0,003	0,010	0,112	FALSE
0,043	0,307	0,001	0,007	0,054	FALSE
0,049	0,313	0,001	0,007	0,049	FALSE
0,090	0,310	0,002	0,007	0,108	FALSE
0,107	0,305	0,004	0,012	0,131	FALSE
-0,090	0,294	-0,003	0,013	0,096	FALSE
-0,109	0,299	-0,004	0,013	0,137	FALSE
-0,140	0,290	-0,005	0,013	0,163	FALSE
-0,012	0,313	0,000	0,009	0,008	FALSE
0,066	0,289	0,002	0,009	0,073	FALSE

0,115	0,312	0,003	0,007	0,163	FALSE
-0,124	0,312	-0,003	0,007	0,149	FALSE
-0,071	0,302	-0,001	0,007	0,063	FALSE
-0,004	0,305	0,000	0,011	0,001	FALSE
-0,019	0,306	0,000	0,012	0,013	FALSE
-0,033	0,300	-0,001	0,011	0,027	FALSE
0,045	0,302	0,002	0,011	0,056	FALSE
0,142	0,297	0,004	0,009	0,204	FALSE
-0,026	0,303	-0,001	0,009	0,023	FALSE
0,020	0,310	0,001	0,011	0,031	FALSE
0,014	0,315	0,001	0,009	0,031	FALSE
0,069	0,317	0,002	0,010	0,085	FALSE
-0,085	0,307	-0,003	0,009	0,117	FALSE
-0,012	0,301	0,000	0,008	0,008	FALSE
0,008	0,317	0,001	0,009	0,033	FALSE
0,008	0,315	0,000	0,013	0,000	FALSE
0,082	0,306	0,002	0,010	0,094	FALSE
-0,098	0,309	-0,005	0,013	0,150	FALSE
-0,122	0,287	-0,004	0,010	0,144	FALSE
-0,075	0,290	-0,003	0,012	0,093	FALSE
-0,092	0,300	-0,003	0,012	0,107	FALSE
0,170	0,297	0,004	0,007	0,239	FALSE
-0,112	0,294	-0,006	0,012	0,219	FALSE
-0,088	0,311	-0,003	0,010	0,115	FALSE
-0,156	0,295	-0,003	0,007	0,195	FALSE
-0,048	0,299	-0,001	0,006	0,065	FALSE
0,062	0,305	0,002	0,010	0,091	FALSE
0,031	0,290	0,001	0,008	0,031	FALSE
0,024	0,311	0,000	0,009	0,014	FALSE
0,088	0,304	0,002	0,009	0,100	FALSE
0,030	0,308	0,001	0,007	0,036	FALSE
0,181	0,297	0,008	0,012	0,270	FALSE
-0,087	0,314	-0,003	0,009	0,114	FALSE
0,105	0,292	0,005	0,012	0,150	FALSE
0,120	0,309	0,003	0,009	0,148	FALSE
0,042	0,303	0,001	0,008	0,040	FALSE
-0,046	0,328	-0,002	0,011	0,059	FALSE
0,064	0,313	0,002	0,008	0,090	FALSE
0,092	0,313	0,002	0,007	0,116	FALSE
0,031	0,324	0,001	0,013	0,038	FALSE
-0,020	0,308	-0,001	0,012	0,041	FALSE
0,019	0,309	0,000	0,012	0,011	FALSE
0,030	0,305	0,001	0,012	0,036	FALSE
0,091	0,301	0,002	0,008	0,082	FALSE
-0,110	0,302	-0,004	0,011	0,139	FALSE
0,034	0,298	0,002	0,009	0,071	FALSE
-0,030	0,311	-0,001	0,009	0,040	FALSE
0,000	0,294	0,000	0,007	0,002	FALSE
0,045	0,302	0,001	0,007	0,047	FALSE
-0,030	0,298	-0,001	0,012	0,035	FALSE
-0,022	0,304	-0,001	0,012	0,027	FALSE
0,095	0,299	0,003	0,010	0,115	FALSE
-0,074	0,300	-0,003	0,013	0,077	FALSE

0,042	0,304	0,001	0,012	0,044	FALSE
0,057	0,310	0,002	0,013	0,069	FALSE
-0,004	0,308	0,000	0,008	0,010	FALSE
0,005	0,310	0,001	0,011	0,020	FALSE
-0,048	0,308	-0,001	0,007	0,053	FALSE
0,072	0,306	0,003	0,009	0,126	FALSE
0,127	0,299	0,004	0,009	0,203	FALSE
0,057	0,314	0,001	0,008	0,061	FALSE
0,038	0,302	0,001	0,007	0,039	FALSE
-0,033	0,302	-0,001	0,009	0,031	FALSE
-0,016	0,309	-0,001	0,013	0,018	FALSE
-0,039	0,315	-0,001	0,009	0,045	FALSE
0,017	0,313	0,001	0,010	0,038	FALSE
0,050	0,302	0,002	0,011	0,072	FALSE
0,122	0,300	0,003	0,007	0,157	FALSE
0,107	0,290	0,004	0,010	0,143	FALSE
-0,005	0,311	0,000	0,006	0,016	FALSE
-0,011	0,307	-0,001	0,013	0,027	FALSE
-0,029	0,296	-0,001	0,011	0,042	FALSE
-0,082	0,301	-0,004	0,013	0,117	FALSE
0,008	0,308	0,001	0,011	0,039	FALSE
-0,143	0,297	-0,003	0,007	0,185	FALSE
-0,167	0,312	-0,004	0,007	0,209	FALSE
-0,112	0,305	-0,002	0,009	0,100	FALSE
-0,007	0,307	0,001	0,012	0,017	FALSE
0,065	0,314	0,002	0,010	0,081	FALSE
0,038	0,303	0,002	0,011	0,057	FALSE
0,029	0,313	0,001	0,009	0,036	FALSE
0,161	0,308	0,003	0,007	0,193	FALSE
-0,077	0,307	-0,002	0,007	0,101	FALSE
-0,111	0,306	-0,003	0,009	0,147	FALSE
-0,021	0,308	-0,001	0,006	0,051	FALSE
-0,040	0,302	-0,001	0,009	0,037	FALSE
-0,016	0,315	-0,001	0,009	0,025	FALSE
0,064	0,297	0,003	0,011	0,121	FALSE
0,058	0,308	0,003	0,010	0,096	FALSE
-0,054	0,307	-0,002	0,011	0,070	FALSE
0,034	0,303	0,002	0,011	0,081	FALSE
-0,060	0,307	-0,003	0,012	0,088	FALSE
-0,092	0,314	-0,002	0,007	0,134	FALSE
-0,073	0,300	-0,001	0,006	0,065	FALSE
-0,026	0,311	-0,001	0,012	0,030	FALSE
-0,083	0,305	-0,003	0,008	0,122	FALSE
0,001	0,310	0,001	0,011	0,019	FALSE
-0,043	0,313	-0,001	0,011	0,041	FALSE
-0,114	0,309	-0,004	0,012	0,148	FALSE
-0,086	0,306	-0,002	0,009	0,088	FALSE
0,008	0,306	0,001	0,007	0,030	FALSE
-0,079	0,295	-0,004	0,011	0,124	FALSE
-0,072	0,303	-0,001	0,008	0,065	FALSE
-0,102	0,310	-0,003	0,010	0,125	FALSE
-0,144	0,303	-0,004	0,008	0,203	FALSE
-0,040	0,318	-0,001	0,007	0,040	FALSE

-0,083	0,287	-0,003	0,009	0,129	FALSE
-0,126	0,313	-0,005	0,013	0,155	FALSE
-0,097	0,304	-0,005	0,013	0,146	FALSE
0,099	0,306	0,002	0,008	0,121	FALSE
0,145	0,298	0,003	0,006	0,183	FALSE
0,055	0,312	0,002	0,008	0,082	FALSE
-0,143	0,309	-0,004	0,008	0,201	FALSE
-0,145	0,315	-0,004	0,008	0,195	FALSE
-0,161	0,306	-0,004	0,007	0,236	FALSE
0,096	0,312	0,003	0,008	0,134	FALSE
-0,055	0,294	-0,003	0,009	0,107	FALSE
0,009	0,311	0,000	0,008	0,007	FALSE
0,008	0,312	0,000	0,008	0,021	FALSE
0,156	0,293	0,004	0,006	0,253	FALSE
-0,009	0,301	0,000	0,008	0,018	FALSE
-0,087	0,311	-0,004	0,010	0,143	FALSE
-0,015	0,301	-0,001	0,011	0,036	FALSE
0,040	0,296	0,001	0,008	0,042	FALSE
0,006	0,311	0,000	0,007	0,008	FALSE
-0,005	0,313	0,000	0,007	0,012	FALSE
0,004	0,338	0,000	0,012	0,002	FALSE
-0,025	0,310	0,000	0,009	0,014	FALSE
-0,005	0,312	0,000	0,011	0,006	FALSE
-0,006	0,314	0,000	0,009	0,014	FALSE
-0,012	0,313	0,000	0,012	0,008	FALSE
-0,038	0,317	-0,002	0,013	0,054	FALSE
0,101	0,303	0,003	0,007	0,150	FALSE
-0,143	0,319	-0,004	0,010	0,164	FALSE
0,050	0,311	0,001	0,010	0,039	FALSE
-0,095	0,302	-0,002	0,008	0,130	FALSE
0,121	0,315	0,003	0,007	0,159	FALSE
-0,115	0,304	-0,004	0,011	0,133	FALSE
0,036	0,312	0,001	0,007	0,058	FALSE
-0,020	0,299	0,000	0,009	0,000	FALSE
0,000	0,317	0,000	0,006	0,015	FALSE
-0,062	0,318	-0,003	0,013	0,092	FALSE
0,076	0,322	0,003	0,009	0,117	FALSE
0,093	0,312	0,002	0,007	0,081	FALSE
0,100	0,297	0,003	0,008	0,171	FALSE
0,050	0,302	0,001	0,006	0,052	FALSE
0,053	0,317	0,001	0,008	0,065	FALSE
0,051	0,318	0,001	0,009	0,057	FALSE
-0,059	0,293	-0,001	0,010	0,056	FALSE
-0,025	0,305	0,000	0,013	0,011	FALSE
-0,068	0,307	-0,002	0,007	0,098	FALSE
0,051	0,307	0,002	0,013	0,056	FALSE
-0,129	0,303	-0,003	0,008	0,150	FALSE
-0,061	0,295	-0,003	0,011	0,084	FALSE
-0,008	0,296	0,000	0,012	0,001	FALSE
-0,066	0,299	-0,002	0,006	0,097	FALSE
-0,058	0,288	-0,001	0,008	0,060	FALSE
-0,121	0,303	-0,006	0,013	0,193	FALSE
-0,086	0,296	-0,002	0,007	0,108	FALSE

-0,011	0,312	0,000	0,006	0,011	FALSE
-0,060	0,302	-0,002	0,008	0,080	FALSE
-0,114	0,295	-0,004	0,012	0,124	FALSE
0,020	0,303	-0,001	0,008	0,023	FALSE
0,026	0,292	0,000	0,012	0,005	FALSE
-0,001	0,299	0,000	0,007	0,015	FALSE
-0,109	0,308	-0,002	0,007	0,130	FALSE
-0,081	0,300	-0,002	0,009	0,096	FALSE
0,102	0,296	0,004	0,009	0,189	FALSE
0,013	0,306	0,000	0,007	0,003	FALSE
0,137	0,312	0,004	0,007	0,216	FALSE
0,095	0,301	0,004	0,010	0,137	FALSE
-0,042	0,305	-0,001	0,008	0,069	FALSE
-0,138	0,309	-0,003	0,006	0,207	FALSE
0,007	0,307	0,000	0,007	0,008	FALSE
-0,069	0,305	-0,002	0,009	0,086	FALSE
0,097	0,304	0,004	0,012	0,140	FALSE
0,063	0,291	0,002	0,011	0,075	FALSE
0,086	0,297	0,003	0,010	0,099	FALSE
-0,050	0,310	-0,001	0,006	0,068	FALSE
-0,205	0,290	-0,008	0,011	0,299	FALSE
-0,001	0,320	0,000	0,007	0,007	FALSE
-0,130	0,314	-0,005	0,013	0,164	FALSE
0,086	0,292	0,003	0,008	0,141	FALSE
0,031	0,305	0,001	0,007	0,030	FALSE
0,090	0,307	0,002	0,009	0,088	FALSE
0,115	0,295	0,004	0,012	0,143	FALSE
0,157	0,302	0,006	0,013	0,185	FALSE
0,030	0,323	0,002	0,012	0,051	FALSE
-0,010	0,324	0,000	0,012	0,001	FALSE
-0,008	0,308	0,001	0,012	0,017	FALSE
0,105	0,309	0,003	0,008	0,149	FALSE
0,068	0,311	0,002	0,009	0,098	FALSE
0,042	0,324	0,001	0,007	0,033	FALSE
0,045	0,300	0,001	0,008	0,044	FALSE
-0,037	0,313	-0,001	0,012	0,036	FALSE
-0,012	0,278	0,000	0,010	0,007	FALSE
-0,097	0,309	-0,003	0,011	0,099	FALSE
-0,032	0,308	-0,001	0,012	0,034	FALSE
0,024	0,293	0,001	0,011	0,030	FALSE
0,098	0,302	0,004	0,011	0,153	FALSE
-0,012	0,313	0,000	0,011	0,001	FALSE
-0,064	0,311	-0,003	0,009	0,114	FALSE
0,061	0,303	0,002	0,012	0,073	FALSE
-0,009	0,311	-0,001	0,009	0,023	FALSE
0,047	0,309	0,000	0,009	0,017	FALSE
0,028	0,297	0,001	0,011	0,040	FALSE
0,026	0,304	0,001	0,011	0,042	FALSE
0,081	0,304	0,002	0,006	0,095	FALSE
0,079	0,295	0,002	0,006	0,112	FALSE
0,014	0,307	0,000	0,006	0,020	FALSE
0,005	0,304	0,000	0,008	0,006	FALSE
0,069	0,316	0,003	0,010	0,102	FALSE

0,109	0,318	0,005	0,013	0,155	FALSE
0,008	0,309	0,000	0,009	0,012	FALSE
0,001	0,321	0,000	0,010	0,010	FALSE
-0,090	0,302	-0,003	0,008	0,142	FALSE
-0,084	0,296	-0,004	0,012	0,122	FALSE
0,095	0,295	0,003	0,010	0,129	FALSE
-0,159	0,289	-0,006	0,010	0,237	FALSE
-0,010	0,305	0,000	0,007	0,016	FALSE
0,110	0,317	0,005	0,011	0,167	FALSE
0,113	0,312	0,005	0,012	0,177	FALSE
0,094	0,314	0,004	0,011	0,150	FALSE
0,024	0,308	0,002	0,012	0,057	FALSE
-0,007	0,307	0,000	0,007	0,009	FALSE
0,080	0,286	0,003	0,008	0,139	FALSE
-0,066	0,322	-0,002	0,008	0,091	FALSE
-0,015	0,316	0,000	0,010	0,004	FALSE
0,037	0,294	0,001	0,006	0,043	FALSE
0,033	0,311	0,002	0,013	0,046	FALSE
-0,011	0,316	0,000	0,007	0,017	FALSE
-0,115	0,322	-0,003	0,009	0,149	FALSE
0,029	0,306	0,001	0,012	0,031	FALSE
-0,014	0,321	-0,001	0,011	0,036	FALSE
-0,003	0,306	0,000	0,007	0,008	FALSE
0,117	0,315	0,002	0,006	0,148	FALSE
-0,050	0,310	-0,002	0,011	0,074	FALSE
-0,099	0,307	-0,003	0,008	0,133	FALSE
-0,088	0,308	-0,002	0,008	0,106	FALSE
0,020	0,301	0,001	0,010	0,031	FALSE
-0,032	0,301	-0,001	0,006	0,055	FALSE
-0,040	0,311	-0,002	0,011	0,062	FALSE
0,078	0,314	0,003	0,013	0,103	FALSE
-0,086	0,305	-0,003	0,011	0,115	FALSE
-0,084	0,310	-0,004	0,011	0,130	FALSE
0,159	0,299	0,005	0,010	0,213	FALSE
-0,008	0,300	-0,001	0,012	0,034	FALSE
-0,054	0,308	-0,002	0,008	0,080	FALSE
0,023	0,308	0,001	0,007	0,049	FALSE
-0,108	0,300	-0,002	0,006	0,151	FALSE
0,096	0,315	0,002	0,007	0,104	FALSE
-0,054	0,301	-0,003	0,013	0,092	FALSE
-0,130	0,302	-0,003	0,006	0,179	FALSE
-0,048	0,298	-0,002	0,011	0,074	FALSE
-0,052	0,307	-0,001	0,007	0,049	FALSE
0,056	0,315	0,003	0,013	0,087	FALSE
-0,065	0,315	-0,001	0,008	0,067	FALSE
0,066	0,309	0,002	0,007	0,080	FALSE
-0,017	0,312	-0,001	0,009	0,028	FALSE
-0,023	0,312	-0,001	0,008	0,023	FALSE
0,015	0,320	0,000	0,008	0,010	FALSE
-0,007	0,300	0,000	0,008	0,016	FALSE
0,000	0,314	-0,001	0,010	0,019	FALSE
-0,139	0,310	-0,006	0,013	0,203	FALSE
-0,082	0,310	-0,003	0,011	0,128	FALSE

-0,049	0,299	-0,001	0,011	0,048	FALSE
-0,135	0,308	-0,004	0,009	0,171	FALSE
0,155	0,311	0,006	0,012	0,196	FALSE
0,000	0,300	0,000	0,010	0,004	FALSE
-0,003	0,305	0,001	0,011	0,017	FALSE
0,005	0,308	0,000	0,009	0,007	FALSE
0,074	0,321	0,003	0,012	0,086	FALSE
0,103	0,310	0,002	0,007	0,108	FALSE
0,064	0,313	0,002	0,008	0,102	FALSE
-0,033	0,303	-0,001	0,009	0,053	FALSE
0,037	0,309	0,001	0,010	0,026	FALSE
0,017	0,316	0,000	0,008	0,007	FALSE
-0,102	0,305	-0,002	0,007	0,138	FALSE
0,018	0,306	0,000	0,007	0,020	FALSE
0,062	0,314	0,002	0,007	0,090	FALSE
0,032	0,306	0,001	0,007	0,042	FALSE
-0,069	0,301	-0,002	0,007	0,094	FALSE
-0,104	0,305	-0,004	0,012	0,130	FALSE
-0,098	0,297	-0,002	0,007	0,151	FALSE
-0,044	0,322	-0,001	0,009	0,041	FALSE
0,070	0,310	0,002	0,008	0,078	FALSE
0,032	0,297	0,001	0,010	0,025	FALSE
0,099	0,297	0,002	0,008	0,102	FALSE
0,114	0,303	0,002	0,009	0,109	FALSE
0,129	0,317	0,005	0,012	0,176	FALSE
-0,018	0,302	-0,001	0,011	0,019	FALSE
-0,026	0,317	-0,001	0,011	0,027	FALSE
0,043	0,307	0,001	0,010	0,045	FALSE
-0,073	0,302	-0,001	0,011	0,049	FALSE
-0,076	0,313	-0,004	0,012	0,118	FALSE
-0,114	0,309	-0,003	0,007	0,158	FALSE
0,092	0,311	0,003	0,009	0,110	FALSE
0,083	0,309	0,004	0,012	0,116	FALSE
-0,013	0,304	-0,002	0,012	0,044	FALSE
0,001	0,318	-0,001	0,013	0,013	FALSE
-0,002	0,309	0,000	0,010	0,011	FALSE
0,079	0,310	0,003	0,009	0,131	FALSE
0,076	0,311	0,002	0,007	0,127	FALSE
0,022	0,314	0,000	0,010	0,009	FALSE
0,046	0,323	0,000	0,011	0,013	FALSE
0,059	0,308	0,001	0,010	0,042	FALSE
0,022	0,291	0,000	0,010	0,007	FALSE
0,055	0,316	0,001	0,010	0,035	FALSE
-0,062	0,302	-0,004	0,013	0,133	FALSE
-0,064	0,309	-0,002	0,007	0,108	FALSE
-0,079	0,307	-0,003	0,012	0,088	FALSE
-0,019	0,304	0,000	0,007	0,019	FALSE
-0,032	0,309	-0,001	0,008	0,039	FALSE
0,066	0,314	0,001	0,006	0,076	FALSE
0,092	0,299	0,002	0,008	0,115	FALSE
0,066	0,305	0,002	0,011	0,076	FALSE
0,066	0,300	0,003	0,012	0,083	FALSE
-0,011	0,299	0,000	0,011	0,000	FALSE

-0,010	0,308	0,000	0,010	0,014	FALSE
0,059	0,305	0,002	0,011	0,054	FALSE
-0,139	0,316	-0,004	0,009	0,174	FALSE
0,143	0,309	0,005	0,013	0,169	FALSE
0,042	0,293	0,002	0,011	0,059	FALSE
0,048	0,308	0,001	0,007	0,065	FALSE
0,062	0,293	0,003	0,010	0,108	FALSE
0,006	0,300	0,000	0,007	0,001	FALSE
-0,067	0,301	-0,002	0,011	0,071	FALSE
0,007	0,310	0,000	0,009	0,003	FALSE
0,021	0,313	0,001	0,010	0,019	FALSE
-0,002	0,323	0,000	0,007	0,012	FALSE
-0,101	0,308	-0,003	0,009	0,124	FALSE
0,022	0,312	0,001	0,007	0,053	FALSE
-0,025	0,299	-0,002	0,011	0,051	FALSE
0,024	0,322	0,000	0,007	0,023	FALSE
0,009	0,314	0,000	0,008	0,004	FALSE
0,007	0,308	0,001	0,013	0,017	FALSE
-0,065	0,309	-0,003	0,013	0,081	FALSE
0,161	0,296	0,003	0,006	0,229	FALSE
0,077	0,308	0,001	0,007	0,078	FALSE
0,037	0,312	0,000	0,013	0,009	FALSE
-0,026	0,300	0,000	0,008	0,004	FALSE
-0,048	0,311	-0,002	0,013	0,057	FALSE
-0,084	0,316	-0,003	0,010	0,105	FALSE
0,075	0,311	0,002	0,010	0,090	FALSE
-0,014	0,321	0,000	0,011	0,009	FALSE
-0,003	0,317	0,000	0,011	0,004	FALSE
0,090	0,322	0,003	0,011	0,110	FALSE
0,071	0,307	0,003	0,011	0,100	FALSE
-0,043	0,308	-0,001	0,008	0,042	FALSE
-0,007	0,311	-0,001	0,013	0,029	FALSE
-0,041	0,300	-0,001	0,007	0,054	FALSE
0,028	0,308	0,001	0,008	0,053	FALSE
-0,061	0,310	-0,003	0,013	0,093	FALSE
0,037	0,300	0,002	0,011	0,070	FALSE
-0,089	0,320	-0,004	0,011	0,137	FALSE
0,042	0,313	0,001	0,008	0,036	FALSE
-0,031	0,305	0,000	0,012	0,011	FALSE
0,080	0,311	0,003	0,010	0,129	FALSE
0,047	0,316	0,001	0,007	0,057	FALSE
0,009	0,294	0,001	0,008	0,065	FALSE
-0,086	0,300	-0,003	0,008	0,136	FALSE
-0,053	0,310	-0,002	0,009	0,078	FALSE
0,061	0,322	0,002	0,008	0,071	FALSE
0,075	0,304	0,002	0,011	0,076	FALSE
-0,038	0,300	-0,001	0,009	0,038	FALSE
0,118	0,310	0,003	0,008	0,143	FALSE
0,099	0,312	0,003	0,009	0,109	FALSE
0,093	0,296	0,003	0,008	0,127	FALSE
0,066	0,302	0,001	0,011	0,050	FALSE
-0,126	0,302	-0,002	0,007	0,135	FALSE
-0,054	0,318	-0,002	0,012	0,060	FALSE

0,033	0,302	0,002	0,012	0,076	FALSE
0,034	0,319	0,000	0,009	0,007	FALSE
0,112	0,312	0,003	0,008	0,159	FALSE
-0,025	0,292	0,000	0,009	0,017	FALSE
-0,014	0,293	0,000	0,007	0,022	FALSE
-0,005	0,301	0,000	0,011	0,006	FALSE
0,091	0,309	0,002	0,006	0,094	FALSE
-0,161	0,292	-0,006	0,012	0,228	FALSE
-0,003	0,300	0,000	0,007	0,009	FALSE
0,106	0,299	0,002	0,006	0,140	FALSE
0,001	0,297	-0,001	0,012	0,018	FALSE
-0,119	0,309	-0,004	0,008	0,184	FALSE
-0,044	0,309	-0,002	0,008	0,074	FALSE
0,109	0,313	0,003	0,007	0,153	FALSE
-0,021	0,310	0,000	0,006	0,026	FALSE
0,050	0,314	0,002	0,009	0,079	FALSE
0,027	0,313	0,001	0,011	0,039	FALSE
-0,027	0,297	-0,002	0,010	0,055	FALSE
0,004	0,290	0,000	0,010	0,004	FALSE
0,074	0,317	0,002	0,008	0,103	FALSE
0,057	0,304	0,002	0,010	0,090	FALSE
-0,049	0,309	-0,001	0,008	0,066	FALSE
-0,053	0,318	-0,002	0,013	0,049	FALSE
-0,100	0,300	-0,003	0,010	0,105	FALSE
-0,116	0,310	-0,003	0,010	0,139	FALSE
0,008	0,306	0,000	0,008	0,018	FALSE
0,109	0,315	0,004	0,012	0,120	FALSE
-0,114	0,315	-0,003	0,007	0,140	FALSE
-0,089	0,297	-0,003	0,011	0,116	FALSE
0,205	0,296	0,008	0,013	0,300	FALSE
-0,017	0,296	0,000	0,009	0,012	FALSE
-0,123	0,311	-0,005	0,013	0,140	FALSE
0,091	0,305	0,003	0,009	0,121	FALSE
0,077	0,305	0,003	0,012	0,112	FALSE
-0,025	0,297	-0,001	0,009	0,028	FALSE
0,069	0,304	0,003	0,012	0,084	FALSE
-0,079	0,301	-0,001	0,007	0,086	FALSE
-0,122	0,324	-0,004	0,010	0,146	FALSE
-0,023	0,306	0,000	0,006	0,016	FALSE
-0,048	0,314	-0,001	0,006	0,049	FALSE
-0,145	0,295	-0,005	0,010	0,230	FALSE
0,058	0,323	0,001	0,007	0,073	FALSE
0,065	0,312	0,002	0,008	0,101	FALSE
0,053	0,318	0,002	0,008	0,080	FALSE
-0,049	0,314	-0,001	0,010	0,055	FALSE
0,107	0,297	0,003	0,008	0,177	FALSE
-0,048	0,313	-0,002	0,010	0,061	FALSE
0,006	0,310	0,000	0,012	0,006	FALSE
0,000	0,288	-0,001	0,012	0,023	FALSE
0,110	0,301	0,004	0,011	0,144	FALSE
-0,095	0,298	-0,003	0,010	0,132	FALSE
0,012	0,314	0,000	0,010	0,010	FALSE
-0,169	0,296	-0,005	0,008	0,234	FALSE

-0,121	0,296	-0,003	0,008	0,158	FALSE
-0,074	0,300	-0,001	0,008	0,060	FALSE
-0,085	0,299	-0,003	0,011	0,109	FALSE
0,048	0,305	0,003	0,012	0,087	FALSE
-0,071	0,286	-0,003	0,009	0,129	FALSE
0,025	0,310	0,000	0,006	0,012	FALSE
0,068	0,296	0,003	0,012	0,092	FALSE
-0,117	0,296	-0,003	0,008	0,177	FALSE
-0,135	0,291	-0,004	0,008	0,214	FALSE
-0,016	0,309	0,000	0,009	0,007	FALSE
0,085	0,312	0,002	0,007	0,116	FALSE
0,181	0,310	0,008	0,013	0,280	FALSE
-0,041	0,300	-0,002	0,013	0,044	FALSE
0,009	0,315	0,000	0,011	0,003	FALSE
-0,053	0,307	-0,001	0,011	0,039	FALSE
0,020	0,310	0,001	0,011	0,040	FALSE
-0,062	0,315	-0,002	0,009	0,092	FALSE
-0,098	0,311	-0,002	0,007	0,143	FALSE
-0,078	0,310	-0,002	0,011	0,089	FALSE
0,007	0,304	0,000	0,010	0,015	FALSE
0,054	0,299	0,002	0,008	0,090	FALSE
-0,124	0,310	-0,004	0,009	0,170	FALSE
-0,002	0,316	0,000	0,012	0,011	FALSE
0,079	0,288	0,001	0,007	0,075	FALSE
-0,039	0,309	-0,001	0,009	0,059	FALSE
-0,002	0,306	0,000	0,010	0,002	FALSE
-0,084	0,298	-0,004	0,011	0,143	FALSE
-0,125	0,298	-0,003	0,007	0,193	FALSE
-0,069	0,310	-0,002	0,010	0,088	FALSE
-0,094	0,302	-0,004	0,010	0,145	FALSE
0,002	0,313	0,000	0,011	0,009	FALSE
-0,112	0,304	-0,002	0,006	0,133	FALSE
0,041	0,305	0,001	0,008	0,047	FALSE
0,102	0,315	0,002	0,008	0,118	FALSE
-0,046	0,305	-0,002	0,010	0,069	FALSE
0,052	0,308	0,001	0,006	0,058	FALSE
0,102	0,303	0,004	0,011	0,153	FALSE
-0,084	0,318	-0,002	0,007	0,102	FALSE
-0,009	0,306	0,000	0,012	0,012	FALSE
0,013	0,318	0,001	0,012	0,038	FALSE
-0,056	0,289	-0,002	0,010	0,067	FALSE
-0,010	0,299	0,000	0,012	0,011	FALSE
-0,013	0,311	-0,001	0,012	0,029	FALSE
-0,070	0,302	-0,003	0,011	0,105	FALSE
0,033	0,312	0,001	0,009	0,044	FALSE
0,060	0,300	0,002	0,008	0,082	FALSE
-0,043	0,310	-0,001	0,007	0,036	FALSE
0,050	0,306	0,002	0,010	0,070	FALSE
-0,148	0,299	-0,003	0,007	0,196	FALSE
-0,028	0,314	-0,002	0,011	0,053	FALSE
0,071	0,301	0,001	0,007	0,072	FALSE
-0,041	0,313	-0,001	0,007	0,032	FALSE
-0,076	0,320	-0,001	0,007	0,061	FALSE

0,100	0,312	0,004	0,012	0,127	FALSE
0,075	0,307	0,003	0,012	0,105	FALSE
-0,135	0,299	-0,004	0,009	0,214	FALSE
-0,021	0,309	0,000	0,007	0,004	FALSE
0,093	0,305	0,002	0,007	0,108	FALSE
0,073	0,289	0,002	0,007	0,096	FALSE
-0,018	0,306	0,000	0,009	0,015	FALSE
0,113	0,314	0,005	0,013	0,144	FALSE
-0,006	0,315	0,000	0,007	0,000	FALSE
0,049	0,298	0,001	0,010	0,044	FALSE
0,011	0,295	0,001	0,011	0,018	FALSE
0,005	0,318	0,001	0,011	0,024	FALSE
0,135	0,325	0,003	0,008	0,157	FALSE
0,025	0,310	0,002	0,011	0,060	FALSE
0,073	0,317	0,002	0,007	0,082	FALSE
-0,170	0,313	-0,004	0,008	0,219	FALSE
0,078	0,314	0,002	0,009	0,086	FALSE
-0,057	0,314	-0,001	0,008	0,058	FALSE
0,065	0,285	0,004	0,013	0,110	FALSE
-0,073	0,308	-0,004	0,013	0,105	FALSE
-0,076	0,307	-0,002	0,007	0,092	FALSE
0,079	0,312	0,003	0,012	0,105	FALSE
-0,092	0,316	-0,002	0,009	0,111	FALSE
0,050	0,305	0,001	0,008	0,039	FALSE
-0,043	0,311	0,000	0,009	0,019	FALSE
0,080	0,302	0,002	0,007	0,087	FALSE
-0,137	0,293	-0,003	0,006	0,192	FALSE
0,054	0,312	0,001	0,013	0,032	FALSE
0,047	0,309	0,001	0,007	0,060	FALSE
-0,090	0,310	-0,002	0,007	0,115	FALSE
-0,168	0,312	-0,006	0,010	0,232	FALSE
-0,050	0,296	-0,002	0,012	0,065	FALSE
0,013	0,316	0,001	0,010	0,030	FALSE
-0,073	0,283	-0,003	0,008	0,140	FALSE
0,104	0,305	0,003	0,008	0,140	FALSE
-0,019	0,307	-0,001	0,007	0,038	FALSE
0,067	0,311	0,003	0,013	0,081	FALSE
0,039	0,312	0,001	0,007	0,039	FALSE
0,027	0,324	0,001	0,009	0,046	FALSE
0,007	0,309	0,000	0,009	0,000	FALSE
0,121	0,307	0,006	0,013	0,202	FALSE
0,096	0,318	0,002	0,007	0,124	FALSE
-0,024	0,303	0,000	0,006	0,005	FALSE
-0,078	0,314	-0,001	0,008	0,071	FALSE
-0,073	0,303	-0,003	0,011	0,101	FALSE
-0,045	0,285	-0,001	0,006	0,081	FALSE
0,031	0,330	0,001	0,013	0,037	FALSE
-0,093	0,321	-0,003	0,010	0,125	FALSE
-0,065	0,298	-0,002	0,009	0,081	FALSE
0,106	0,314	0,003	0,008	0,151	FALSE
-0,038	0,306	-0,002	0,012	0,074	FALSE
-0,094	0,306	-0,003	0,007	0,169	FALSE
0,047	0,306	0,002	0,012	0,052	FALSE

0,061	0,318	0,002	0,012	0,061	FALSE
0,114	0,296	0,005	0,012	0,174	FALSE
-0,158	0,300	-0,007	0,012	0,254	FALSE
0,018	0,307	0,001	0,010	0,046	FALSE
-0,107	0,305	-0,002	0,007	0,134	FALSE
-0,145	0,301	-0,003	0,007	0,200	FALSE
-0,006	0,316	0,000	0,007	0,010	FALSE
0,032	0,317	0,001	0,008	0,057	FALSE
0,036	0,303	0,000	0,007	0,023	FALSE
-0,020	0,320	-0,001	0,011	0,029	FALSE
-0,052	0,306	-0,002	0,008	0,080	FALSE
-0,040	0,307	-0,002	0,008	0,071	FALSE
-0,007	0,295	0,000	0,007	0,013	FALSE
-0,098	0,297	-0,005	0,012	0,155	FALSE
0,030	0,307	0,001	0,012	0,037	FALSE
0,017	0,305	0,001	0,010	0,022	FALSE
0,017	0,321	0,000	0,007	0,019	FALSE
0,079	0,299	0,003	0,009	0,148	FALSE
-0,015	0,301	-0,001	0,012	0,027	FALSE
-0,008	0,296	0,000	0,011	0,014	FALSE
0,091	0,287	0,004	0,013	0,126	FALSE
-0,032	0,302	-0,001	0,009	0,032	FALSE
0,030	0,303	0,001	0,007	0,059	FALSE
-0,038	0,309	-0,001	0,010	0,031	FALSE
0,044	0,305	0,001	0,007	0,075	FALSE
-0,149	0,295	-0,004	0,008	0,201	FALSE
0,110	0,298	0,004	0,011	0,136	FALSE
-0,028	0,274	-0,001	0,012	0,040	FALSE
-0,050	0,286	-0,003	0,013	0,078	FALSE
-0,134	0,283	-0,006	0,011	0,216	TRUE
-0,163	0,280	-0,006	0,010	0,249	FALSE
0,021	0,287	0,001	0,012	0,018	FALSE
-0,141	0,293	-0,005	0,009	0,199	FALSE
-0,016	0,308	-0,001	0,007	0,057	FALSE
0,113	0,312	0,002	0,007	0,147	FALSE
0,011	0,301	0,000	0,012	0,008	FALSE
-0,009	0,316	-0,001	0,013	0,015	FALSE
0,009	0,314	0,000	0,008	0,018	FALSE
0,055	0,308	0,001	0,008	0,071	FALSE
0,041	0,320	0,001	0,013	0,029	FALSE
0,007	0,323	0,001	0,007	0,043	FALSE
0,026	0,302	0,000	0,007	0,023	FALSE
-0,033	0,303	-0,001	0,009	0,058	FALSE
0,020	0,294	0,001	0,012	0,022	FALSE
-0,067	0,321	-0,002	0,011	0,069	FALSE
-0,174	0,300	-0,006	0,010	0,247	FALSE
-0,125	0,307	-0,004	0,009	0,149	FALSE
0,132	0,309	0,004	0,009	0,168	FALSE
-0,069	0,317	-0,002	0,009	0,105	FALSE
0,179	0,315	0,005	0,008	0,251	FALSE
0,047	0,305	0,001	0,007	0,043	FALSE
0,140	0,312	0,004	0,008	0,206	FALSE
0,039	0,326	0,001	0,007	0,045	FALSE

0,071	0,311	0,001	0,007	0,076	FALSE
-0,061	0,314	-0,002	0,010	0,067	FALSE
0,044	0,314	0,001	0,006	0,037	FALSE
-0,086	0,314	-0,003	0,010	0,126	FALSE
0,031	0,316	0,001	0,008	0,038	FALSE
-0,057	0,286	-0,002	0,007	0,116	FALSE
-0,038	0,317	-0,001	0,009	0,048	FALSE
-0,016	0,310	-0,001	0,007	0,026	FALSE
-0,043	0,316	-0,001	0,009	0,029	FALSE
-0,034	0,311	-0,002	0,010	0,057	FALSE
-0,099	0,310	-0,004	0,011	0,130	FALSE
0,062	0,297	0,002	0,011	0,066	FALSE
0,040	0,299	0,001	0,010	0,043	FALSE
0,012	0,310	0,001	0,012	0,027	FALSE
0,023	0,303	0,001	0,011	0,017	FALSE
-0,033	0,299	-0,001	0,008	0,055	FALSE
0,097	0,310	0,003	0,010	0,139	FALSE
-0,082	0,292	-0,003	0,013	0,101	FALSE
0,043	0,323	0,001	0,012	0,040	FALSE
0,099	0,298	0,002	0,008	0,103	FALSE
0,024	0,316	0,001	0,007	0,035	FALSE
-0,036	0,319	-0,001	0,008	0,060	FALSE
0,053	0,320	0,002	0,008	0,074	FALSE
-0,007	0,298	0,000	0,006	0,022	FALSE
0,042	0,287	0,002	0,012	0,071	FALSE
-0,084	0,315	-0,003	0,013	0,086	FALSE
-0,098	0,309	-0,002	0,007	0,126	FALSE
-0,069	0,310	-0,001	0,010	0,053	FALSE
-0,188	0,291	-0,008	0,013	0,279	FALSE
-0,056	0,285	-0,002	0,010	0,079	FALSE
0,083	0,311	0,003	0,010	0,110	FALSE
-0,017	0,316	-0,001	0,010	0,049	FALSE
0,044	0,307	0,001	0,013	0,035	FALSE
0,070	0,302	0,002	0,007	0,099	FALSE
-0,008	0,312	-0,001	0,008	0,036	FALSE
-0,052	0,313	-0,002	0,007	0,092	FALSE
0,050	0,316	0,001	0,007	0,073	FALSE
0,023	0,308	0,001	0,007	0,058	FALSE
0,124	0,306	0,004	0,009	0,173	FALSE
-0,017	0,302	0,000	0,007	0,012	FALSE
0,015	0,303	0,001	0,007	0,038	FALSE
0,043	0,302	0,000	0,011	0,015	FALSE
0,122	0,306	0,003	0,007	0,158	FALSE
-0,037	0,315	-0,001	0,009	0,054	FALSE
0,002	0,305	0,000	0,010	0,006	FALSE
-0,049	0,298	-0,001	0,007	0,036	FALSE
-0,034	0,297	-0,001	0,006	0,069	FALSE
0,035	0,301	0,001	0,006	0,044	FALSE
0,061	0,314	0,002	0,010	0,081	FALSE
-0,170	0,299	-0,006	0,011	0,256	FALSE
0,110	0,310	0,003	0,007	0,151	FALSE
0,054	0,312	0,002	0,011	0,054	FALSE
-0,083	0,285	-0,003	0,012	0,114	FALSE

-0,029	0,289	-0,001	0,011	0,029	FALSE
-0,191	0,292	-0,004	0,006	0,277	FALSE
-0,136	0,304	-0,004	0,010	0,189	FALSE
0,169	0,298	0,006	0,012	0,219	FALSE
-0,016	0,311	-0,001	0,013	0,033	FALSE
0,017	0,319	0,001	0,011	0,019	FALSE
0,117	0,290	0,004	0,011	0,147	FALSE
0,009	0,295	0,000	0,008	0,001	FALSE
-0,058	0,322	-0,001	0,006	0,059	FALSE
0,119	0,298	0,003	0,009	0,145	FALSE
0,055	0,306	0,002	0,008	0,097	FALSE
0,108	0,310	0,003	0,010	0,095	FALSE
0,093	0,299	0,004	0,011	0,145	FALSE
-0,005	0,305	-0,001	0,009	0,039	FALSE
0,150	0,297	0,003	0,007	0,210	FALSE
-0,085	0,305	-0,002	0,009	0,107	FALSE
0,043	0,301	0,002	0,009	0,089	FALSE
0,008	0,312	0,000	0,009	0,011	FALSE
-0,081	0,290	-0,002	0,009	0,102	FALSE
-0,074	0,299	-0,003	0,008	0,130	FALSE
0,119	0,316	0,004	0,009	0,172	FALSE
-0,117	0,309	-0,005	0,012	0,154	FALSE
0,057	0,321	0,001	0,008	0,056	FALSE
0,033	0,315	0,001	0,007	0,035	FALSE
-0,083	0,308	-0,003	0,009	0,120	FALSE
0,063	0,306	0,003	0,013	0,075	FALSE
0,021	0,303	0,000	0,012	0,002	FALSE
-0,093	0,278	-0,003	0,010	0,113	FALSE
0,056	0,323	0,001	0,009	0,058	FALSE
0,017	0,314	0,001	0,007	0,032	FALSE
-0,058	0,308	-0,001	0,007	0,051	FALSE
-0,042	0,317	-0,001	0,008	0,053	FALSE
-0,057	0,304	-0,001	0,008	0,063	FALSE
0,093	0,306	0,004	0,011	0,138	FALSE
0,031	0,309	0,001	0,007	0,035	FALSE
-0,101	0,301	-0,002	0,007	0,103	FALSE
-0,081	0,323	-0,002	0,009	0,089	FALSE
0,083	0,321	0,003	0,012	0,111	FALSE
0,068	0,302	0,003	0,012	0,082	FALSE
-0,073	0,312	-0,001	0,007	0,068	FALSE
-0,008	0,302	-0,001	0,010	0,030	FALSE
-0,033	0,317	-0,001	0,008	0,063	FALSE
0,067	0,307	0,002	0,007	0,084	FALSE
0,022	0,319	0,001	0,007	0,044	FALSE
-0,046	0,309	-0,001	0,007	0,050	FALSE
0,089	0,308	0,003	0,010	0,121	FALSE
0,071	0,300	0,002	0,008	0,087	FALSE
0,016	0,310	0,000	0,009	0,002	FALSE
-0,098	0,307	-0,005	0,013	0,144	FALSE
-0,030	0,304	-0,001	0,009	0,042	FALSE
-0,006	0,312	0,000	0,013	0,013	FALSE
0,127	0,307	0,005	0,012	0,178	FALSE
0,143	0,307	0,004	0,008	0,204	FALSE

-0,135	0,296	-0,004	0,008	0,216	FALSE
0,122	0,309	0,005	0,012	0,159	FALSE
0,134	0,305	0,004	0,009	0,187	FALSE
0,174	0,302	0,007	0,013	0,253	FALSE
0,092	0,308	0,002	0,008	0,115	FALSE
-0,044	0,287	-0,002	0,012	0,077	FALSE
0,060	0,304	0,001	0,008	0,070	FALSE
0,171	0,305	0,006	0,009	0,273	FALSE
0,070	0,311	0,001	0,007	0,078	FALSE
0,089	0,295	0,004	0,011	0,147	FALSE
0,059	0,326	0,002	0,009	0,060	FALSE
0,143	0,305	0,003	0,006	0,200	FALSE
0,036	0,311	0,001	0,008	0,045	FALSE
0,082	0,312	0,002	0,009	0,087	FALSE
-0,040	0,297	-0,002	0,010	0,060	FALSE
0,049	0,315	0,001	0,007	0,058	FALSE
0,022	0,301	0,000	0,008	0,013	FALSE
-0,124	0,302	-0,003	0,009	0,145	FALSE
0,046	0,305	0,002	0,010	0,072	FALSE
0,019	0,294	0,000	0,011	0,010	FALSE
0,072	0,302	0,003	0,011	0,112	FALSE
0,000	0,308	0,001	0,013	0,025	FALSE
0,054	0,313	0,001	0,007	0,073	FALSE
-0,091	0,305	-0,002	0,007	0,132	FALSE
0,011	0,317	0,000	0,011	0,003	FALSE
0,158	0,309	0,004	0,009	0,191	FALSE
-0,080	0,316	-0,003	0,012	0,100	FALSE
-0,015	0,292	0,000	0,009	0,012	FALSE
0,058	0,312	0,002	0,009	0,077	FALSE
-0,034	0,297	-0,001	0,007	0,038	FALSE
-0,033	0,297	-0,001	0,007	0,034	FALSE
0,078	0,301	0,002	0,009	0,072	FALSE
0,105	0,298	0,002	0,006	0,111	FALSE
0,154	0,295	0,006	0,011	0,212	FALSE
0,119	0,287	0,003	0,007	0,144	FALSE
0,000	0,315	0,000	0,011	0,007	FALSE
-0,118	0,309	-0,004	0,011	0,140	FALSE
-0,149	0,298	-0,004	0,008	0,217	FALSE
0,048	0,291	0,001	0,006	0,043	FALSE
-0,107	0,306	-0,002	0,008	0,128	FALSE
-0,133	0,290	-0,005	0,010	0,199	FALSE
0,014	0,309	0,000	0,007	0,026	FALSE
0,048	0,305	0,001	0,007	0,068	FALSE
-0,024	0,309	-0,001	0,008	0,037	FALSE
-0,195	0,294	-0,007	0,011	0,273	FALSE
0,114	0,302	0,003	0,010	0,133	FALSE
0,047	0,307	0,002	0,008	0,100	FALSE
-0,010	0,307	-0,001	0,011	0,023	FALSE
-0,045	0,297	-0,001	0,007	0,075	FALSE
-0,002	0,303	0,000	0,012	0,000	FALSE
-0,055	0,313	-0,003	0,012	0,088	FALSE
-0,087	0,312	-0,004	0,013	0,127	FALSE
0,066	0,316	0,002	0,013	0,066	FALSE

-0,103	0,304	-0,003	0,008	0,155	FALSE
0,036	0,312	0,001	0,007	0,025	FALSE
0,040	0,303	0,001	0,007	0,066	FALSE
-0,077	0,309	-0,002	0,008	0,078	FALSE
-0,142	0,297	-0,006	0,011	0,221	FALSE
-0,128	0,310	-0,005	0,011	0,191	FALSE
-0,124	0,300	-0,005	0,011	0,179	FALSE
0,034	0,298	0,001	0,008	0,046	FALSE
0,052	0,307	0,001	0,006	0,039	FALSE
-0,052	0,296	-0,002	0,009	0,064	FALSE
0,122	0,308	0,003	0,008	0,153	FALSE
-0,136	0,298	-0,004	0,009	0,198	FALSE
0,079	0,299	0,002	0,007	0,109	FALSE
-0,016	0,279	0,000	0,006	0,011	FALSE
0,032	0,300	0,001	0,009	0,045	FALSE
-0,180	0,287	-0,004	0,007	0,232	FALSE
-0,036	0,309	-0,002	0,010	0,060	FALSE
-0,132	0,293	-0,004	0,008	0,191	FALSE
-0,043	0,300	-0,001	0,007	0,050	FALSE
-0,091	0,287	-0,003	0,009	0,110	FALSE
-0,104	0,319	-0,004	0,011	0,133	FALSE
-0,130	0,301	-0,004	0,010	0,166	FALSE
-0,040	0,314	-0,001	0,011	0,036	FALSE
-0,035	0,308	-0,001	0,012	0,025	FALSE
0,157	0,305	0,003	0,006	0,213	FALSE
-0,054	0,305	-0,002	0,011	0,053	FALSE
0,075	0,313	0,002	0,009	0,109	FALSE
0,040	0,316	0,001	0,010	0,056	FALSE
0,067	0,317	0,002	0,009	0,093	FALSE
-0,039	0,312	-0,002	0,010	0,061	FALSE
0,164	0,293	0,007	0,013	0,231	FALSE
0,011	0,310	-0,001	0,012	0,018	FALSE
-0,055	0,283	-0,003	0,013	0,095	FALSE
-0,101	0,314	-0,002	0,009	0,087	FALSE
-0,075	0,310	-0,002	0,007	0,079	FALSE
-0,053	0,302	-0,001	0,007	0,062	FALSE
0,076	0,298	0,002	0,007	0,107	FALSE
0,030	0,299	0,001	0,009	0,028	FALSE
0,130	0,303	0,004	0,012	0,144	FALSE
0,057	0,313	0,002	0,010	0,076	FALSE
-0,138	0,300	-0,003	0,007	0,188	FALSE
0,060	0,304	0,002	0,012	0,065	FALSE
-0,221	0,305	-0,009	0,013	0,343	FALSE
0,170	0,307	0,008	0,013	0,263	FALSE
-0,011	0,306	0,000	0,012	0,002	FALSE
-0,058	0,309	-0,002	0,010	0,077	FALSE
-0,067	0,313	-0,003	0,013	0,085	FALSE
-0,082	0,326	-0,003	0,010	0,105	FALSE
-0,082	0,301	-0,004	0,012	0,113	FALSE
-0,066	0,314	-0,002	0,011	0,082	FALSE
-0,114	0,308	-0,005	0,013	0,169	FALSE
-0,035	0,306	-0,001	0,012	0,040	FALSE
0,136	0,303	0,006	0,012	0,192	FALSE

-0,027	0,293	-0,001	0,010	0,045	FALSE
-0,062	0,309	-0,001	0,007	0,069	FALSE
0,015	0,313	0,001	0,010	0,026	FALSE
0,049	0,297	0,002	0,011	0,066	FALSE
-0,137	0,315	-0,006	0,013	0,176	FALSE
0,097	0,296	0,004	0,012	0,124	FALSE
-0,093	0,302	-0,003	0,012	0,109	FALSE
0,114	0,305	0,004	0,011	0,152	FALSE
-0,015	0,307	0,000	0,009	0,018	FALSE
0,058	0,298	0,002	0,009	0,104	FALSE
0,109	0,312	0,003	0,012	0,106	FALSE
-0,008	0,307	0,000	0,006	0,018	FALSE
0,005	0,310	0,000	0,008	0,005	FALSE
0,013	0,311	0,001	0,012	0,029	FALSE
0,051	0,310	0,002	0,011	0,068	FALSE
0,044	0,314	0,001	0,007	0,072	FALSE
0,011	0,309	0,001	0,008	0,027	FALSE
-0,062	0,311	-0,003	0,013	0,083	FALSE
-0,031	0,295	-0,002	0,012	0,059	FALSE
-0,173	0,301	-0,005	0,008	0,259	FALSE
0,076	0,299	0,002	0,010	0,078	FALSE
0,091	0,309	0,002	0,011	0,087	FALSE
0,018	0,294	0,001	0,006	0,035	FALSE
0,014	0,289	0,000	0,006	0,010	FALSE
-0,052	0,299	-0,002	0,011	0,067	FALSE
0,055	0,312	0,002	0,013	0,047	FALSE
-0,026	0,301	0,000	0,007	0,001	FALSE
0,161	0,311	0,006	0,011	0,227	FALSE
-0,026	0,317	-0,001	0,011	0,016	FALSE
-0,077	0,296	-0,002	0,010	0,083	FALSE
-0,023	0,309	0,000	0,006	0,020	FALSE
-0,106	0,307	-0,005	0,011	0,173	FALSE
-0,006	0,320	-0,001	0,007	0,034	FALSE
-0,068	0,312	-0,003	0,012	0,096	FALSE
-0,081	0,312	-0,004	0,013	0,109	FALSE
0,154	0,308	0,007	0,013	0,206	FALSE
0,050	0,320	0,002	0,008	0,084	FALSE
-0,031	0,304	-0,001	0,013	0,038	FALSE
-0,019	0,301	-0,001	0,012	0,035	FALSE
0,140	0,297	0,004	0,008	0,186	FALSE
-0,065	0,297	-0,003	0,012	0,094	FALSE
0,074	0,311	0,003	0,012	0,110	FALSE
-0,015	0,304	0,000	0,006	0,028	FALSE
0,005	0,314	0,000	0,006	0,004	FALSE
0,000	0,313	0,000	0,006	0,011	FALSE
-0,044	0,313	-0,001	0,007	0,024	FALSE
-0,077	0,311	-0,003	0,013	0,098	FALSE
-0,014	0,294	-0,001	0,013	0,020	FALSE
-0,020	0,292	-0,001	0,009	0,025	FALSE
-0,042	0,285	-0,001	0,010	0,043	FALSE
0,059	0,314	0,002	0,012	0,054	FALSE
-0,053	0,312	-0,002	0,009	0,077	FALSE
0,002	0,312	0,001	0,009	0,023	FALSE

-0,135	0,299	-0,005	0,009	0,207	FALSE
-0,009	0,315	0,000	0,008	0,001	FALSE
-0,103	0,307	-0,004	0,010	0,147	FALSE
0,046	0,311	0,001	0,006	0,059	FALSE
-0,029	0,312	-0,001	0,011	0,027	FALSE
0,096	0,309	0,002	0,007	0,115	FALSE
0,025	0,313	0,001	0,011	0,027	FALSE
0,068	0,329	0,002	0,008	0,082	FALSE
0,059	0,291	0,002	0,011	0,051	FALSE
0,019	0,313	0,001	0,009	0,040	FALSE
-0,131	0,320	-0,003	0,007	0,183	FALSE
0,054	0,300	0,001	0,007	0,067	FALSE
0,117	0,303	0,005	0,011	0,174	FALSE
-0,162	0,305	-0,004	0,008	0,207	FALSE
0,079	0,298	0,003	0,012	0,095	FALSE
0,095	0,308	0,002	0,007	0,125	FALSE
-0,001	0,309	0,000	0,008	0,003	FALSE
0,058	0,295	0,003	0,011	0,099	FALSE
-0,007	0,299	0,000	0,013	0,014	FALSE
0,029	0,308	0,001	0,013	0,034	FALSE
0,046	0,319	0,002	0,009	0,075	FALSE
0,121	0,301	0,002	0,006	0,149	FALSE
0,081	0,313	0,002	0,007	0,088	FALSE
-0,071	0,300	-0,001	0,006	0,089	FALSE
0,131	0,303	0,003	0,006	0,168	FALSE
0,041	0,297	0,001	0,008	0,049	FALSE
-0,027	0,300	-0,001	0,006	0,057	FALSE
0,068	0,316	0,003	0,012	0,087	FALSE
0,080	0,299	0,003	0,009	0,112	FALSE
0,005	0,305	0,000	0,010	0,002	FALSE
-0,174	0,293	-0,009	0,012	0,317	FALSE
0,033	0,314	0,001	0,008	0,032	FALSE
-0,026	0,304	0,000	0,006	0,016	FALSE
0,009	0,314	-0,001	0,012	0,025	FALSE
0,066	0,309	0,003	0,013	0,083	FALSE
-0,018	0,304	-0,001	0,008	0,034	FALSE
0,076	0,308	0,001	0,007	0,069	FALSE
-0,137	0,305	-0,005	0,012	0,173	FALSE
-0,048	0,312	-0,002	0,008	0,066	FALSE
0,081	0,309	0,003	0,012	0,112	FALSE
-0,009	0,300	0,000	0,009	0,005	FALSE
-0,084	0,298	-0,002	0,007	0,092	FALSE
0,012	0,309	0,000	0,012	0,015	FALSE
-0,068	0,306	-0,001	0,006	0,084	FALSE
-0,083	0,309	-0,003	0,011	0,114	FALSE
0,168	0,303	0,007	0,011	0,268	FALSE
0,184	0,295	0,007	0,010	0,311	FALSE
0,136	0,305	0,005	0,011	0,205	FALSE
0,147	0,304	0,006	0,011	0,219	FALSE
0,209	0,287	0,008	0,010	0,373	FALSE
0,084	0,313	0,003	0,013	0,100	FALSE
0,235	0,299	0,008	0,010	0,410	FALSE
0,186	0,296	0,007	0,010	0,312	FALSE

0,117	0,300	0,003	0,011	0,120	FALSE
-0,010	0,327	0,000	0,007	0,022	FALSE
0,004	0,309	0,000	0,013	0,003	FALSE
0,059	0,305	0,003	0,013	0,084	FALSE
-0,039	0,305	-0,001	0,012	0,040	FALSE
-0,067	0,300	-0,002	0,009	0,107	FALSE
-0,072	0,300	-0,003	0,011	0,094	FALSE
0,017	0,301	0,001	0,007	0,043	FALSE
0,037	0,302	0,002	0,012	0,063	FALSE
0,037	0,307	0,000	0,009	0,015	FALSE
-0,042	0,308	-0,002	0,010	0,076	FALSE
-0,048	0,321	-0,001	0,009	0,060	FALSE
-0,028	0,292	-0,001	0,011	0,031	FALSE
0,037	0,308	0,002	0,013	0,067	FALSE
-0,010	0,302	0,000	0,008	0,020	FALSE
0,078	0,297	0,003	0,011	0,119	FALSE
-0,169	0,304	-0,004	0,006	0,288	FALSE
0,045	0,310	0,002	0,012	0,073	FALSE
-0,043	0,294	-0,001	0,010	0,049	FALSE
-0,017	0,298	0,000	0,011	0,016	FALSE
0,055	0,302	0,002	0,010	0,077	FALSE
0,028	0,318	0,001	0,011	0,041	FALSE
0,010	0,296	0,001	0,009	0,024	FALSE
0,046	0,306	0,001	0,008	0,046	FALSE
-0,054	0,307	-0,001	0,007	0,072	FALSE
-0,026	0,312	-0,001	0,007	0,033	FALSE
0,035	0,314	0,001	0,009	0,033	FALSE
0,021	0,317	0,001	0,011	0,037	FALSE
0,024	0,308	0,001	0,007	0,030	FALSE
0,050	0,298	0,002	0,011	0,053	FALSE
-0,128	0,301	-0,004	0,009	0,172	FALSE
-0,075	0,306	-0,002	0,009	0,099	FALSE
0,016	0,307	0,001	0,010	0,034	FALSE
-0,037	0,299	-0,001	0,007	0,046	FALSE
-0,157	0,299	-0,004	0,008	0,196	FALSE
0,030	0,314	0,001	0,008	0,047	FALSE
0,081	0,311	0,002	0,008	0,103	FALSE
-0,110	0,307	-0,002	0,007	0,127	FALSE
0,008	0,307	0,000	0,008	0,007	FALSE
-0,091	0,317	-0,003	0,009	0,110	FALSE
0,019	0,316	0,001	0,007	0,028	FALSE
0,007	0,314	0,000	0,009	0,001	FALSE
-0,074	0,311	-0,002	0,009	0,092	FALSE
-0,054	0,310	-0,002	0,009	0,066	FALSE
0,005	0,316	0,000	0,009	0,007	FALSE
0,165	0,305	0,005	0,009	0,241	FALSE
0,023	0,301	0,002	0,008	0,086	FALSE
0,091	0,305	0,002	0,010	0,089	FALSE
-0,141	0,298	-0,004	0,008	0,200	FALSE
0,001	0,303	0,001	0,010	0,027	FALSE
0,047	0,296	0,003	0,010	0,101	FALSE
0,045	0,300	0,003	0,009	0,107	FALSE
0,101	0,296	0,003	0,008	0,148	FALSE

0,044	0,299	0,001	0,007	0,032	FALSE
0,056	0,303	0,001	0,006	0,056	FALSE
0,114	0,306	0,003	0,008	0,164	FALSE
0,065	0,298	0,001	0,010	0,046	FALSE
-0,035	0,306	-0,001	0,009	0,033	FALSE
0,030	0,308	0,001	0,012	0,024	FALSE
0,123	0,309	0,004	0,009	0,157	FALSE
0,144	0,300	0,005	0,009	0,217	FALSE
0,049	0,295	0,003	0,010	0,106	FALSE
0,126	0,299	0,004	0,009	0,180	FALSE
-0,014	0,314	0,000	0,008	0,005	FALSE
-0,063	0,306	-0,001	0,007	0,080	FALSE
0,120	0,308	0,005	0,011	0,179	FALSE
-0,013	0,307	-0,002	0,013	0,047	FALSE
0,072	0,311	0,003	0,013	0,097	FALSE
0,058	0,305	0,003	0,013	0,084	FALSE
-0,102	0,310	-0,003	0,010	0,099	FALSE
-0,005	0,322	0,000	0,009	0,004	FALSE
0,069	0,307	0,001	0,010	0,045	FALSE
0,175	0,298	0,003	0,007	0,207	FALSE
-0,096	0,308	-0,004	0,013	0,123	FALSE
0,032	0,312	0,001	0,009	0,047	FALSE
0,054	0,316	0,002	0,011	0,066	FALSE
0,008	0,312	0,001	0,011	0,024	FALSE
-0,003	0,304	0,000	0,010	0,006	FALSE
0,054	0,297	0,002	0,007	0,087	FALSE
-0,038	0,306	-0,002	0,009	0,065	FALSE
0,082	0,311	0,003	0,010	0,106	FALSE
-0,028	0,293	-0,001	0,011	0,019	FALSE
-0,066	0,297	-0,002	0,011	0,071	FALSE
-0,009	0,305	0,000	0,011	0,006	FALSE
-0,069	0,308	-0,004	0,012	0,130	FALSE
-0,037	0,299	-0,002	0,010	0,090	FALSE
0,011	0,317	0,000	0,007	0,002	FALSE
0,047	0,312	0,001	0,007	0,059	FALSE
0,023	0,307	0,001	0,007	0,025	FALSE
-0,115	0,303	-0,005	0,012	0,148	FALSE
0,058	0,322	0,002	0,009	0,069	FALSE
-0,028	0,296	-0,001	0,006	0,052	FALSE
0,024	0,307	0,001	0,011	0,042	FALSE
-0,073	0,319	-0,004	0,012	0,130	FALSE
-0,151	0,308	-0,006	0,013	0,208	FALSE
0,088	0,301	0,002	0,007	0,113	FALSE
0,025	0,319	0,001	0,007	0,028	FALSE
-0,073	0,298	-0,003	0,012	0,096	FALSE
-0,048	0,320	-0,001	0,007	0,031	FALSE
0,099	0,308	0,004	0,011	0,151	FALSE
-0,068	0,312	-0,002	0,010	0,090	FALSE
0,084	0,305	0,002	0,007	0,109	FALSE
-0,042	0,301	-0,002	0,008	0,071	FALSE
0,060	0,305	0,001	0,010	0,041	FALSE
-0,045	0,302	-0,001	0,007	0,031	FALSE
0,044	0,293	0,001	0,007	0,033	FALSE

0,005	0,314	0,000	0,009	0,016	FALSE
0,059	0,305	0,003	0,012	0,089	FALSE
-0,085	0,310	-0,003	0,011	0,125	FALSE
0,025	0,303	0,000	0,009	0,017	FALSE
0,003	0,285	0,000	0,009	0,008	FALSE
-0,112	0,312	-0,004	0,009	0,156	FALSE
0,001	0,305	0,000	0,010	0,004	FALSE
0,014	0,315	0,000	0,013	0,004	FALSE
0,032	0,324	0,001	0,008	0,046	FALSE
0,031	0,307	0,002	0,012	0,049	FALSE
-0,084	0,322	-0,002	0,007	0,097	FALSE
-0,052	0,305	-0,001	0,008	0,067	FALSE
-0,101	0,295	-0,004	0,013	0,128	FALSE
0,022	0,295	0,000	0,006	0,008	FALSE
0,007	0,306	0,000	0,007	0,018	FALSE
0,004	0,310	0,000	0,010	0,006	FALSE
0,065	0,306	0,002	0,008	0,073	FALSE
-0,003	0,305	0,000	0,008	0,001	FALSE
0,029	0,307	0,001	0,007	0,055	FALSE
-0,040	0,301	-0,001	0,009	0,054	FALSE
-0,019	0,318	0,000	0,009	0,018	FALSE
0,090	0,313	0,003	0,009	0,110	FALSE
-0,003	0,297	0,000	0,008	0,004	FALSE
0,088	0,305	0,003	0,013	0,079	FALSE
-0,093	0,318	-0,002	0,010	0,089	FALSE
-0,032	0,309	-0,001	0,011	0,026	FALSE
-0,105	0,335	-0,003	0,008	0,135	FALSE
-0,125	0,311	-0,003	0,008	0,180	FALSE
0,007	0,302	0,000	0,008	0,022	FALSE
-0,139	0,308	-0,004	0,007	0,212	FALSE
0,074	0,306	0,001	0,006	0,088	FALSE
-0,157	0,314	-0,004	0,007	0,251	FALSE
0,043	0,315	0,001	0,007	0,066	FALSE
-0,091	0,301	-0,002	0,007	0,133	FALSE
-0,140	0,312	-0,006	0,013	0,193	FALSE
-0,006	0,308	-0,001	0,011	0,027	FALSE
-0,002	0,301	-0,001	0,013	0,024	FALSE
0,079	0,301	0,002	0,012	0,074	FALSE
0,082	0,295	0,002	0,006	0,108	FALSE
-0,091	0,299	-0,002	0,008	0,123	FALSE
0,055	0,308	0,001	0,008	0,039	FALSE
-0,097	0,312	-0,002	0,007	0,083	FALSE
-0,062	0,317	-0,003	0,012	0,089	FALSE
-0,006	0,300	-0,001	0,008	0,023	FALSE
-0,011	0,303	0,000	0,009	0,013	FALSE
-0,006	0,322	0,000	0,008	0,006	FALSE
0,015	0,306	0,001	0,012	0,018	FALSE
-0,055	0,308	-0,002	0,012	0,072	FALSE
-0,105	0,324	-0,003	0,008	0,123	FALSE
0,038	0,318	0,001	0,007	0,044	FALSE
-0,036	0,309	-0,002	0,009	0,063	FALSE
0,041	0,307	0,001	0,007	0,069	FALSE
0,058	0,299	0,001	0,008	0,067	FALSE

0,032	0,309	0,001	0,006	0,033	FALSE
0,086	0,309	0,002	0,006	0,128	FALSE
0,093	0,310	0,003	0,009	0,156	FALSE
-0,045	0,306	-0,001	0,008	0,046	FALSE
0,096	0,306	0,003	0,007	0,147	FALSE
-0,006	0,302	0,001	0,010	0,019	FALSE
-0,035	0,307	-0,001	0,007	0,029	FALSE
-0,051	0,300	-0,002	0,010	0,064	FALSE
0,077	0,312	0,002	0,008	0,098	FALSE
0,047	0,323	0,001	0,008	0,044	FALSE
-0,004	0,304	0,000	0,008	0,005	FALSE
0,082	0,311	0,002	0,008	0,107	FALSE
-0,119	0,316	-0,003	0,008	0,157	FALSE
0,037	0,300	0,001	0,008	0,038	FALSE
-0,012	0,306	0,000	0,011	0,011	FALSE
-0,164	0,304	-0,007	0,013	0,248	FALSE
-0,068	0,313	-0,001	0,006	0,058	FALSE
0,062	0,308	0,001	0,007	0,068	FALSE
0,101	0,316	0,003	0,010	0,130	FALSE
0,087	0,301	0,003	0,010	0,101	FALSE
-0,042	0,304	-0,001	0,009	0,038	FALSE
0,004	0,311	0,000	0,008	0,002	FALSE
-0,044	0,314	-0,001	0,008	0,058	FALSE
-0,061	0,322	-0,002	0,010	0,089	FALSE
0,002	0,316	0,000	0,012	0,006	FALSE
-0,024	0,308	-0,001	0,012	0,025	FALSE
0,046	0,301	0,002	0,008	0,075	FALSE
-0,018	0,314	0,000	0,013	0,008	FALSE
0,001	0,310	0,000	0,013	0,009	FALSE
0,003	0,306	0,001	0,010	0,023	FALSE
0,035	0,300	0,002	0,013	0,070	FALSE
-0,067	0,303	-0,003	0,013	0,074	FALSE
-0,119	0,295	-0,004	0,013	0,136	FALSE
-0,031	0,303	-0,001	0,010	0,055	FALSE
-0,006	0,310	0,000	0,007	0,015	FALSE
-0,022	0,313	0,000	0,007	0,006	FALSE
0,025	0,316	0,001	0,008	0,045	FALSE
-0,014	0,313	0,000	0,007	0,012	FALSE
-0,032	0,301	-0,001	0,008	0,062	FALSE
-0,134	0,292	-0,004	0,008	0,207	FALSE
-0,066	0,303	-0,003	0,011	0,090	FALSE
-0,066	0,304	-0,001	0,007	0,069	FALSE
-0,062	0,309	-0,002	0,011	0,059	FALSE
-0,025	0,307	-0,001	0,010	0,034	FALSE
0,091	0,306	0,003	0,010	0,125	FALSE
0,011	0,297	0,000	0,008	0,020	FALSE
0,007	0,310	0,000	0,012	0,007	FALSE
0,112	0,304	0,005	0,012	0,170	FALSE
-0,157	0,313	-0,006	0,013	0,206	FALSE
-0,068	0,314	-0,003	0,012	0,094	FALSE
-0,005	0,294	0,000	0,007	0,011	FALSE
-0,021	0,318	-0,002	0,012	0,052	FALSE
-0,166	0,297	-0,004	0,007	0,223	FALSE

0,054	0,301	0,002	0,011	0,064	FALSE
0,083	0,304	0,003	0,010	0,102	FALSE
0,030	0,313	0,001	0,007	0,030	FALSE
0,108	0,307	0,003	0,008	0,161	FALSE
0,078	0,313	0,002	0,012	0,078	FALSE
0,128	0,307	0,003	0,007	0,156	FALSE
-0,089	0,299	-0,002	0,007	0,091	FALSE
0,120	0,302	0,004	0,008	0,188	FALSE
0,071	0,317	0,002	0,010	0,058	FALSE
0,008	0,302	0,000	0,008	0,015	FALSE
-0,024	0,315	0,000	0,007	0,008	FALSE
0,004	0,310	0,000	0,012	0,009	FALSE
-0,005	0,313	-0,001	0,009	0,027	FALSE
0,138	0,324	0,004	0,009	0,189	FALSE
-0,088	0,324	-0,002	0,008	0,083	FALSE
-0,008	0,310	0,000	0,008	0,012	FALSE
-0,079	0,302	-0,002	0,008	0,075	FALSE
0,048	0,297	0,002	0,008	0,087	FALSE
-0,022	0,324	0,000	0,007	0,011	FALSE
0,048	0,303	0,003	0,013	0,085	FALSE
0,025	0,302	0,001	0,010	0,053	FALSE
0,070	0,295	0,002	0,010	0,081	FALSE
0,095	0,295	0,005	0,012	0,173	FALSE
0,052	0,301	0,001	0,007	0,070	FALSE
-0,125	0,306	-0,003	0,009	0,151	FALSE
0,082	0,313	0,003	0,009	0,128	FALSE
-0,016	0,308	-0,001	0,011	0,034	FALSE
-0,003	0,313	0,000	0,007	0,003	FALSE
-0,014	0,315	0,000	0,013	0,001	FALSE
-0,036	0,307	-0,001	0,010	0,042	FALSE
-0,057	0,302	-0,002	0,010	0,072	FALSE
-0,154	0,305	-0,005	0,008	0,246	FALSE
-0,087	0,307	-0,002	0,007	0,114	FALSE
0,009	0,316	0,000	0,013	0,011	FALSE
-0,043	0,314	-0,001	0,011	0,022	FALSE
-0,038	0,309	-0,001	0,011	0,028	FALSE
0,051	0,312	0,001	0,009	0,055	FALSE
0,038	0,322	0,001	0,008	0,041	FALSE
-0,097	0,315	-0,002	0,007	0,100	FALSE
-0,076	0,310	-0,001	0,007	0,073	FALSE
-0,042	0,310	-0,001	0,009	0,044	FALSE
-0,063	0,294	-0,001	0,008	0,062	FALSE
0,049	0,312	0,002	0,010	0,066	FALSE
0,060	0,300	0,002	0,009	0,092	FALSE
0,052	0,316	0,002	0,010	0,070	FALSE
-0,011	0,303	0,000	0,006	0,006	FALSE
0,048	0,293	0,001	0,008	0,052	FALSE
0,087	0,294	0,003	0,010	0,104	FALSE
-0,048	0,295	-0,001	0,006	0,043	FALSE
0,028	0,307	0,001	0,013	0,031	FALSE
-0,054	0,297	-0,002	0,012	0,076	FALSE
-0,060	0,292	-0,001	0,006	0,075	FALSE
0,009	0,312	0,000	0,011	0,008	FALSE

-0,058	0,306	-0,002	0,011	0,052	FALSE
-0,056	0,307	-0,001	0,007	0,071	FALSE
0,134	0,295	0,005	0,011	0,203	FALSE
-0,031	0,308	-0,001	0,008	0,042	FALSE
-0,041	0,301	-0,001	0,007	0,061	FALSE
0,055	0,312	0,003	0,013	0,101	FALSE
0,088	0,299	0,003	0,010	0,130	FALSE
0,022	0,300	0,001	0,010	0,018	FALSE
-0,112	0,295	-0,005	0,012	0,166	FALSE
-0,064	0,301	-0,001	0,007	0,074	FALSE
-0,076	0,300	-0,002	0,013	0,059	FALSE
-0,054	0,307	-0,001	0,013	0,037	FALSE
0,142	0,308	0,003	0,008	0,191	FALSE
-0,023	0,311	-0,001	0,007	0,039	FALSE
0,050	0,304	0,002	0,007	0,078	FALSE
-0,067	0,312	-0,003	0,012	0,103	FALSE
0,003	0,308	0,000	0,011	0,010	FALSE
0,003	0,304	0,000	0,010	0,009	FALSE
-0,027	0,313	-0,001	0,012	0,044	FALSE
-0,022	0,315	-0,001	0,012	0,022	FALSE
0,037	0,308	0,002	0,012	0,051	FALSE
-0,020	0,327	-0,001	0,013	0,029	FALSE
-0,098	0,308	-0,003	0,008	0,158	FALSE
0,065	0,325	0,004	0,013	0,103	FALSE
-0,053	0,318	-0,001	0,007	0,063	FALSE
0,049	0,303	0,002	0,012	0,055	FALSE
-0,064	0,304	-0,002	0,007	0,097	FALSE
-0,039	0,305	-0,002	0,012	0,063	FALSE
-0,084	0,313	-0,003	0,012	0,106	FALSE
0,104	0,297	0,003	0,008	0,153	FALSE
0,122	0,304	0,004	0,012	0,129	FALSE
0,087	0,315	0,002	0,007	0,095	FALSE
0,035	0,307	0,002	0,010	0,058	FALSE
0,023	0,321	0,001	0,010	0,032	FALSE
-0,037	0,304	-0,001	0,012	0,031	FALSE
0,102	0,300	0,004	0,011	0,131	FALSE
0,071	0,309	0,002	0,007	0,087	FALSE
-0,089	0,302	-0,003	0,011	0,094	FALSE
-0,030	0,311	0,000	0,009	0,020	FALSE
0,005	0,308	0,000	0,007	0,005	FALSE
0,004	0,295	0,000	0,011	0,001	FALSE
-0,059	0,302	-0,002	0,011	0,066	FALSE
-0,030	0,323	-0,001	0,008	0,042	FALSE
-0,017	0,299	0,000	0,006	0,018	FALSE
-0,051	0,307	-0,001	0,007	0,068	FALSE
-0,023	0,313	0,000	0,010	0,005	FALSE
-0,037	0,313	-0,002	0,009	0,075	FALSE
-0,035	0,304	-0,001	0,010	0,023	FALSE
-0,103	0,318	-0,002	0,006	0,131	FALSE
0,001	0,305	0,000	0,006	0,014	FALSE
-0,008	0,301	0,000	0,011	0,010	FALSE
0,031	0,299	0,001	0,006	0,046	FALSE
-0,011	0,316	0,000	0,008	0,005	FALSE

-0,078	0,312	-0,002	0,012	0,073	FALSE
0,164	0,299	0,006	0,012	0,212	FALSE
0,065	0,285	0,002	0,009	0,081	FALSE
0,184	0,302	0,007	0,011	0,261	FALSE
0,011	0,308	0,000	0,008	0,021	FALSE
-0,111	0,297	-0,003	0,008	0,150	FALSE
0,016	0,306	0,001	0,009	0,038	FALSE
0,008	0,301	0,000	0,006	0,015	FALSE
-0,059	0,299	-0,002	0,010	0,063	FALSE
0,081	0,303	0,002	0,008	0,109	FALSE
0,044	0,316	0,002	0,009	0,066	FALSE
0,036	0,309	0,000	0,009	0,012	FALSE
-0,139	0,301	-0,005	0,012	0,169	FALSE
-0,175	0,313	-0,007	0,013	0,221	FALSE
-0,096	0,311	-0,003	0,010	0,119	FALSE
0,050	0,308	0,001	0,008	0,052	FALSE
-0,065	0,304	-0,002	0,007	0,096	FALSE
0,119	0,300	0,003	0,007	0,155	FALSE
0,079	0,312	0,002	0,007	0,090	FALSE
0,103	0,300	0,004	0,011	0,138	FALSE
-0,026	0,313	-0,002	0,012	0,053	FALSE
0,001	0,298	0,000	0,009	0,004	FALSE
-0,038	0,315	-0,001	0,009	0,050	FALSE
0,069	0,315	0,002	0,012	0,063	FALSE
0,094	0,312	0,003	0,013	0,097	FALSE
-0,050	0,316	-0,001	0,008	0,049	FALSE
0,127	0,313	0,003	0,008	0,154	FALSE
0,021	0,296	0,002	0,010	0,075	FALSE
0,090	0,301	0,002	0,006	0,124	FALSE
-0,157	0,287	-0,007	0,012	0,247	FALSE
-0,180	0,297	-0,008	0,013	0,267	FALSE
-0,033	0,312	-0,001	0,008	0,062	FALSE
-0,129	0,293	-0,004	0,008	0,212	FALSE
-0,017	0,305	-0,001	0,012	0,019	FALSE
-0,002	0,301	0,000	0,012	0,005	FALSE
0,045	0,298	0,001	0,008	0,043	FALSE
0,064	0,315	0,001	0,008	0,053	FALSE
-0,049	0,312	-0,002	0,011	0,058	FALSE
-0,012	0,298	-0,001	0,012	0,021	FALSE
0,048	0,326	0,001	0,007	0,071	FALSE
0,055	0,317	0,001	0,008	0,058	FALSE
0,114	0,293	0,003	0,007	0,179	FALSE
-0,004	0,322	0,000	0,009	0,002	FALSE
0,013	0,329	0,000	0,009	0,017	FALSE
-0,152	0,306	-0,004	0,007	0,214	FALSE
-0,036	0,311	-0,001	0,007	0,025	FALSE
0,062	0,319	0,003	0,012	0,081	FALSE
-0,039	0,315	0,000	0,008	0,020	FALSE
0,071	0,300	0,001	0,007	0,055	FALSE
0,033	0,317	0,002	0,010	0,082	FALSE
0,024	0,294	0,000	0,012	0,008	FALSE
-0,049	0,287	0,000	0,007	0,024	FALSE
-0,039	0,306	-0,001	0,008	0,040	FALSE

0,067	0,302	0,001	0,007	0,035	FALSE
-0,086	0,326	-0,004	0,011	0,121	FALSE
-0,005	0,303	0,000	0,009	0,000	FALSE
0,057	0,319	0,003	0,010	0,098	FALSE
0,009	0,320	0,000	0,008	0,009	FALSE
-0,052	0,307	-0,001	0,010	0,041	FALSE
0,018	0,305	0,001	0,011	0,034	FALSE
-0,061	0,311	-0,001	0,009	0,052	FALSE
-0,014	0,286	-0,001	0,011	0,018	FALSE
-0,028	0,312	-0,001	0,012	0,027	FALSE
0,009	0,311	0,001	0,012	0,030	FALSE
-0,068	0,306	-0,002	0,012	0,073	FALSE
-0,086	0,291	-0,002	0,007	0,112	FALSE
0,032	0,303	0,001	0,008	0,030	FALSE
-0,070	0,282	-0,003	0,010	0,101	FALSE
-0,012	0,304	-0,001	0,010	0,034	FALSE
0,020	0,291	0,000	0,009	0,019	FALSE
-0,037	0,313	-0,002	0,011	0,063	FALSE
-0,071	0,304	-0,002	0,006	0,100	FALSE
0,122	0,311	0,003	0,007	0,157	FALSE
-0,041	0,304	-0,001	0,009	0,044	FALSE
0,007	0,313	0,000	0,011	0,005	FALSE
0,030	0,306	0,001	0,011	0,029	FALSE
0,031	0,288	0,001	0,012	0,033	FALSE
-0,014	0,323	0,000	0,007	0,010	FALSE
0,081	0,289	0,003	0,008	0,152	FALSE
0,161	0,303	0,006	0,013	0,207	FALSE
-0,074	0,303	-0,002	0,009	0,093	FALSE
0,040	0,296	0,001	0,011	0,043	FALSE
0,040	0,308	0,002	0,007	0,083	FALSE
0,105	0,304	0,005	0,013	0,147	FALSE
-0,086	0,309	-0,003	0,011	0,113	FALSE
0,123	0,306	0,005	0,012	0,169	FALSE
0,156	0,304	0,007	0,012	0,227	FALSE
-0,150	0,315	-0,006	0,012	0,210	FALSE
0,079	0,305	0,003	0,012	0,092	FALSE
-0,022	0,302	-0,002	0,010	0,057	FALSE
-0,025	0,316	-0,001	0,008	0,026	FALSE
0,142	0,298	0,004	0,007	0,232	FALSE
-0,038	0,315	-0,001	0,012	0,045	FALSE
-0,008	0,300	0,000	0,011	0,002	FALSE
-0,120	0,298	-0,003	0,007	0,153	FALSE
-0,011	0,295	0,000	0,011	0,015	FALSE
-0,188	0,298	-0,007	0,012	0,260	FALSE
-0,019	0,310	0,000	0,006	0,003	FALSE
-0,061	0,311	-0,002	0,008	0,092	FALSE
-0,039	0,308	-0,001	0,013	0,027	FALSE
0,066	0,303	0,002	0,008	0,086	FALSE
0,001	0,308	0,000	0,009	0,010	FALSE
0,007	0,305	0,000	0,007	0,007	FALSE
-0,045	0,287	-0,001	0,007	0,040	FALSE
-0,038	0,306	-0,001	0,009	0,028	FALSE
0,033	0,307	0,002	0,012	0,046	FALSE

0,026	0,311	0,000	0,007	0,023	FALSE
-0,013	0,323	0,000	0,013	0,010	FALSE
0,051	0,299	0,001	0,009	0,036	FALSE
-0,082	0,306	-0,003	0,011	0,103	FALSE
0,084	0,303	0,002	0,009	0,068	FALSE
0,130	0,298	0,003	0,009	0,145	FALSE
0,031	0,310	0,001	0,008	0,047	FALSE
0,075	0,315	0,002	0,010	0,090	FALSE
0,110	0,305	0,004	0,009	0,182	FALSE
0,018	0,300	0,001	0,008	0,062	FALSE
0,026	0,314	0,002	0,008	0,076	FALSE
0,015	0,312	0,001	0,011	0,037	FALSE
-0,035	0,309	-0,001	0,009	0,041	FALSE
0,038	0,306	0,001	0,012	0,019	FALSE
0,032	0,316	0,000	0,012	0,008	FALSE
0,123	0,304	0,004	0,010	0,176	FALSE
-0,105	0,320	-0,003	0,011	0,121	FALSE
-0,003	0,319	0,000	0,012	0,006	FALSE
0,084	0,311	0,003	0,013	0,101	FALSE
0,025	0,312	0,002	0,010	0,069	FALSE
0,037	0,309	0,002	0,010	0,056	FALSE
0,041	0,305	0,001	0,011	0,045	FALSE
-0,022	0,303	0,000	0,012	0,008	FALSE
0,044	0,306	0,001	0,008	0,062	FALSE
0,020	0,307	0,000	0,007	0,012	FALSE
-0,114	0,304	-0,004	0,012	0,139	FALSE
-0,002	0,303	0,000	0,012	0,009	FALSE
-0,021	0,315	-0,001	0,009	0,036	FALSE
0,159	0,305	0,007	0,013	0,232	FALSE
-0,142	0,302	-0,006	0,012	0,199	FALSE
-0,010	0,300	0,000	0,011	0,000	FALSE
0,180	0,302	0,005	0,009	0,264	FALSE
0,044	0,302	0,001	0,008	0,033	FALSE
-0,022	0,306	-0,001	0,012	0,027	FALSE
-0,031	0,306	-0,001	0,007	0,048	FALSE
-0,072	0,299	-0,003	0,012	0,103	FALSE
-0,066	0,311	-0,001	0,008	0,064	FALSE
0,012	0,308	0,000	0,008	0,019	FALSE
-0,052	0,322	-0,001	0,011	0,045	FALSE
-0,021	0,308	-0,001	0,011	0,035	FALSE
0,088	0,293	0,003	0,010	0,119	FALSE
-0,011	0,302	-0,001	0,010	0,019	FALSE
0,039	0,314	0,001	0,009	0,040	FALSE
-0,001	0,310	0,000	0,010	0,014	FALSE
0,054	0,313	0,002	0,009	0,065	FALSE
0,069	0,306	0,002	0,007	0,085	FALSE
-0,012	0,302	-0,001	0,006	0,045	FALSE
0,033	0,302	0,001	0,007	0,056	FALSE
0,067	0,311	0,003	0,008	0,128	FALSE
0,052	0,310	0,001	0,008	0,067	FALSE
0,017	0,310	0,000	0,008	0,008	FALSE
-0,103	0,290	-0,006	0,013	0,188	FALSE
0,089	0,306	0,003	0,010	0,108	FALSE

0,026	0,297	0,000	0,008	0,011	FALSE
0,114	0,320	0,003	0,007	0,189	FALSE
-0,042	0,308	-0,001	0,008	0,033	FALSE
-0,069	0,301	-0,002	0,008	0,097	FALSE
0,092	0,306	0,004	0,013	0,117	FALSE
-0,153	0,288	-0,005	0,010	0,210	FALSE
0,019	0,310	0,000	0,008	0,013	FALSE
0,015	0,301	0,001	0,009	0,032	FALSE
-0,008	0,308	0,000	0,007	0,013	FALSE
-0,051	0,308	-0,001	0,006	0,075	FALSE
0,092	0,308	0,003	0,009	0,104	FALSE
-0,008	0,315	0,000	0,010	0,008	FALSE
-0,109	0,303	-0,002	0,007	0,129	FALSE
-0,101	0,292	-0,005	0,013	0,169	FALSE
0,085	0,299	0,002	0,007	0,113	FALSE
-0,037	0,316	-0,002	0,011	0,074	FALSE
-0,030	0,321	0,000	0,007	0,016	FALSE
-0,001	0,323	0,000	0,011	0,009	FALSE
0,000	0,305	0,000	0,007	0,000	FALSE
0,122	0,293	0,006	0,012	0,217	FALSE
-0,036	0,321	-0,002	0,011	0,072	FALSE
-0,147	0,306	-0,006	0,011	0,224	FALSE
-0,196	0,293	-0,008	0,012	0,312	FALSE
0,025	0,315	0,002	0,012	0,051	FALSE
0,008	0,306	0,000	0,007	0,005	FALSE
0,148	0,293	0,006	0,012	0,223	FALSE
0,058	0,315	0,002	0,009	0,063	FALSE
-0,019	0,312	-0,002	0,013	0,056	FALSE
0,062	0,315	0,003	0,013	0,077	FALSE
0,027	0,309	0,001	0,009	0,028	FALSE
0,078	0,313	0,004	0,013	0,107	FALSE
-0,001	0,304	-0,001	0,009	0,020	FALSE
0,008	0,297	0,000	0,007	0,023	FALSE
0,034	0,297	0,000	0,007	0,017	FALSE
0,040	0,292	0,000	0,007	0,012	FALSE
0,026	0,296	0,000	0,007	0,008	FALSE
0,021	0,294	0,000	0,007	0,008	FALSE
-0,030	0,308	-0,001	0,007	0,047	FALSE
0,140	0,293	0,002	0,007	0,140	FALSE
-0,081	0,307	-0,004	0,012	0,137	FALSE
-0,016	0,313	0,000	0,007	0,011	FALSE
-0,034	0,313	-0,001	0,010	0,035	FALSE
-0,064	0,308	-0,003	0,012	0,098	FALSE
0,073	0,297	0,004	0,011	0,132	FALSE
-0,049	0,317	-0,001	0,007	0,059	FALSE
0,030	0,308	0,001	0,006	0,046	FALSE
0,085	0,308	0,002	0,006	0,134	FALSE
0,049	0,296	0,002	0,011	0,081	FALSE
-0,028	0,302	-0,001	0,010	0,031	FALSE
0,019	0,302	0,002	0,011	0,053	FALSE
-0,033	0,296	0,000	0,007	0,002	FALSE
-0,007	0,293	0,000	0,006	0,017	FALSE
0,079	0,312	0,001	0,007	0,079	FALSE

0,133	0,298	0,005	0,012	0,157	FALSE
0,053	0,319	0,002	0,011	0,050	FALSE
0,004	0,317	0,000	0,009	0,015	FALSE
-0,011	0,312	0,000	0,009	0,008	FALSE
0,059	0,316	0,001	0,007	0,072	FALSE
0,051	0,310	0,002	0,012	0,052	FALSE
-0,050	0,309	-0,003	0,013	0,086	FALSE
-0,067	0,293	-0,001	0,009	0,045	FALSE
0,010	0,302	0,000	0,006	0,021	FALSE
0,025	0,303	0,001	0,011	0,047	FALSE
-0,005	0,315	0,000	0,009	0,016	FALSE
0,044	0,295	0,001	0,009	0,022	FALSE
0,006	0,314	0,000	0,012	0,001	FALSE
-0,030	0,311	-0,002	0,009	0,078	FALSE
-0,009	0,304	-0,001	0,009	0,035	FALSE
0,153	0,278	0,006	0,010	0,244	FALSE
-0,011	0,315	0,000	0,012	0,003	FALSE
-0,046	0,315	-0,001	0,011	0,049	FALSE
-0,002	0,306	0,001	0,009	0,023	FALSE
0,000	0,315	0,000	0,010	0,017	FALSE
-0,116	0,317	-0,003	0,008	0,139	FALSE
0,083	0,297	0,003	0,007	0,156	FALSE
-0,083	0,320	-0,001	0,007	0,082	FALSE
0,084	0,313	0,003	0,007	0,156	FALSE
-0,211	0,304	-0,009	0,013	0,322	FALSE
-0,029	0,310	-0,001	0,008	0,071	FALSE
-0,063	0,315	-0,002	0,008	0,082	FALSE
-0,063	0,304	-0,002	0,008	0,071	FALSE
-0,041	0,309	-0,001	0,007	0,030	FALSE
-0,117	0,293	-0,004	0,012	0,145	FALSE
-0,065	0,286	-0,003	0,012	0,077	FALSE
0,115	0,302	0,003	0,010	0,129	FALSE
-0,023	0,293	-0,001	0,012	0,025	FALSE
0,108	0,294	0,002	0,007	0,113	FALSE
0,129	0,300	0,004	0,009	0,189	FALSE
-0,090	0,315	-0,002	0,007	0,108	FALSE
0,038	0,297	0,000	0,009	0,012	FALSE
0,017	0,294	0,001	0,010	0,021	FALSE
0,021	0,303	0,001	0,007	0,027	FALSE
0,034	0,316	0,001	0,012	0,027	FALSE
0,009	0,320	0,000	0,012	0,005	FALSE
-0,020	0,311	-0,001	0,011	0,039	FALSE
0,048	0,303	0,001	0,012	0,047	FALSE
-0,074	0,300	-0,002	0,009	0,084	FALSE
-0,078	0,295	-0,002	0,006	0,107	FALSE
-0,085	0,310	-0,003	0,013	0,092	FALSE
-0,179	0,291	-0,003	0,006	0,251	FALSE
-0,096	0,311	-0,002	0,008	0,108	FALSE
0,051	0,309	0,002	0,008	0,078	FALSE
0,022	0,313	0,001	0,012	0,017	FALSE
-0,142	0,303	-0,003	0,006	0,212	FALSE
-0,145	0,304	-0,006	0,012	0,208	FALSE
0,058	0,312	0,001	0,007	0,072	FALSE

0,020	0,307	0,000	0,007	0,009	FALSE
0,014	0,323	0,000	0,013	0,008	FALSE
-0,026	0,324	0,000	0,010	0,011	FALSE
-0,149	0,287	-0,005	0,011	0,213	FALSE
-0,067	0,317	-0,001	0,008	0,059	FALSE
0,056	0,321	0,002	0,009	0,078	FALSE
-0,133	0,303	-0,006	0,013	0,190	FALSE
-0,003	0,309	0,000	0,007	0,015	FALSE
0,024	0,307	0,000	0,007	0,018	FALSE
0,020	0,296	0,000	0,013	0,013	FALSE
-0,149	0,297	-0,007	0,012	0,242	FALSE
-0,031	0,323	-0,001	0,011	0,024	FALSE
-0,007	0,308	0,000	0,010	0,018	FALSE
-0,056	0,316	-0,002	0,008	0,079	FALSE
-0,033	0,310	-0,002	0,012	0,076	FALSE
0,007	0,309	0,000	0,008	0,012	FALSE
0,111	0,312	0,004	0,010	0,167	FALSE
-0,046	0,319	-0,001	0,007	0,037	FALSE
-0,041	0,309	-0,001	0,007	0,040	FALSE
-0,173	0,289	-0,006	0,011	0,249	FALSE
0,040	0,301	0,002	0,011	0,083	FALSE
-0,103	0,297	-0,003	0,008	0,185	FALSE
-0,043	0,305	-0,002	0,011	0,077	FALSE
0,009	0,309	0,001	0,008	0,028	FALSE
0,113	0,291	0,003	0,006	0,162	FALSE
-0,132	0,309	-0,006	0,011	0,222	FALSE
0,008	0,309	0,000	0,008	0,012	FALSE
0,053	0,310	0,002	0,013	0,051	FALSE
0,046	0,303	0,001	0,009	0,050	FALSE
0,001	0,314	0,000	0,007	0,010	FALSE
0,004	0,299	0,000	0,007	0,001	FALSE
0,033	0,313	0,001	0,007	0,046	FALSE
0,156	0,291	0,005	0,009	0,231	FALSE
0,053	0,303	0,002	0,009	0,076	FALSE
-0,031	0,311	-0,001	0,007	0,038	FALSE
-0,005	0,313	0,000	0,010	0,006	FALSE
0,141	0,306	0,004	0,007	0,218	FALSE
-0,117	0,293	-0,003	0,007	0,137	FALSE
0,013	0,305	0,000	0,012	0,010	FALSE
0,018	0,298	0,001	0,012	0,019	FALSE
-0,152	0,307	-0,003	0,007	0,205	FALSE
-0,142	0,301	-0,004	0,009	0,179	FALSE
-0,072	0,295	-0,001	0,008	0,069	FALSE
-0,023	0,305	-0,001	0,009	0,043	FALSE
-0,077	0,315	-0,002	0,008	0,096	FALSE
-0,046	0,307	-0,002	0,012	0,063	FALSE
0,129	0,313	0,005	0,010	0,191	FALSE
-0,173	0,310	-0,006	0,010	0,264	FALSE
-0,186	0,304	-0,006	0,009	0,285	FALSE
0,050	0,304	0,001	0,006	0,068	FALSE
0,060	0,299	0,002	0,012	0,070	FALSE
-0,054	0,307	-0,002	0,012	0,055	FALSE
0,052	0,285	0,002	0,008	0,077	FALSE

0,033	0,304	0,001	0,011	0,044	FALSE
-0,005	0,309	0,000	0,007	0,007	FALSE
-0,037	0,306	-0,002	0,013	0,057	FALSE
0,139	0,300	0,006	0,011	0,222	FALSE
0,029	0,302	0,001	0,011	0,038	FALSE
-0,071	0,304	-0,002	0,011	0,084	FALSE
-0,097	0,299	-0,004	0,010	0,138	FALSE
0,012	0,318	0,000	0,007	0,018	FALSE
-0,118	0,298	-0,004	0,008	0,203	FALSE
-0,064	0,308	-0,001	0,010	0,051	FALSE
0,058	0,311	0,002	0,010	0,074	FALSE
-0,058	0,302	-0,002	0,009	0,064	FALSE
-0,099	0,293	-0,003	0,009	0,156	FALSE
-0,054	0,302	-0,002	0,012	0,060	FALSE
0,101	0,302	0,004	0,012	0,136	FALSE
-0,095	0,306	-0,005	0,012	0,160	FALSE
-0,015	0,323	0,000	0,013	0,013	FALSE
0,035	0,291	0,001	0,010	0,042	FALSE
0,020	0,319	0,001	0,013	0,037	FALSE
-0,045	0,306	-0,002	0,012	0,067	FALSE
-0,013	0,305	0,000	0,012	0,011	FALSE
-0,054	0,307	-0,001	0,007	0,036	FALSE
0,069	0,286	0,002	0,012	0,072	FALSE
0,110	0,309	0,004	0,010	0,149	FALSE
0,167	0,312	0,004	0,007	0,252	FALSE
0,176	0,287	0,007	0,012	0,244	FALSE
-0,110	0,308	-0,004	0,013	0,127	FALSE
-0,117	0,303	-0,003	0,007	0,177	FALSE
-0,001	0,315	0,000	0,006	0,024	FALSE
-0,076	0,296	-0,002	0,010	0,071	FALSE
-0,065	0,298	-0,002	0,007	0,105	FALSE
-0,049	0,296	-0,001	0,006	0,053	FALSE
0,024	0,311	0,001	0,008	0,051	FALSE
0,028	0,312	0,001	0,009	0,049	FALSE
0,097	0,289	0,003	0,007	0,161	FALSE
-0,009	0,308	0,000	0,011	0,006	FALSE
-0,019	0,312	0,000	0,008	0,001	FALSE
0,071	0,298	0,003	0,009	0,124	FALSE
0,046	0,310	0,001	0,012	0,025	FALSE
-0,021	0,291	-0,001	0,012	0,017	FALSE
0,020	0,306	0,000	0,007	0,006	FALSE
-0,031	0,317	-0,001	0,012	0,028	FALSE
0,002	0,314	0,000	0,008	0,001	FALSE
-0,085	0,301	-0,003	0,012	0,086	FALSE
-0,008	0,308	0,000	0,007	0,006	FALSE
-0,009	0,286	0,000	0,007	0,014	FALSE
-0,051	0,297	-0,003	0,012	0,088	FALSE
0,054	0,306	0,001	0,007	0,037	FALSE
0,058	0,293	0,002	0,010	0,095	FALSE
0,019	0,300	0,000	0,006	0,024	FALSE
-0,159	0,299	-0,007	0,013	0,247	FALSE
-0,060	0,294	-0,001	0,008	0,066	FALSE
-0,125	0,299	-0,005	0,012	0,184	FALSE

-0,069	0,307	-0,004	0,012	0,122	FALSE
0,020	0,325	0,000	0,007	0,011	FALSE
0,071	0,305	0,002	0,008	0,107	FALSE
0,151	0,306	0,005	0,012	0,182	FALSE
0,137	0,311	0,004	0,011	0,166	FALSE
-0,059	0,305	-0,003	0,012	0,090	FALSE
0,010	0,293	0,000	0,008	0,008	FALSE
-0,040	0,302	-0,001	0,008	0,061	FALSE
-0,052	0,309	-0,003	0,013	0,089	FALSE
0,002	0,290	-0,001	0,011	0,016	FALSE
-0,186	0,311	-0,008	0,012	0,277	FALSE
-0,127	0,308	-0,006	0,013	0,206	FALSE
0,017	0,317	0,001	0,010	0,021	FALSE
-0,014	0,298	0,000	0,009	0,001	FALSE
-0,023	0,316	-0,001	0,011	0,044	FALSE
-0,058	0,294	-0,002	0,013	0,055	FALSE
-0,024	0,297	0,000	0,010	0,007	FALSE
-0,031	0,312	-0,001	0,007	0,036	FALSE
-0,123	0,320	-0,005	0,013	0,160	FALSE
0,064	0,298	0,003	0,012	0,102	FALSE
-0,094	0,299	-0,004	0,013	0,136	FALSE
-0,026	0,323	0,000	0,008	0,013	FALSE
-0,005	0,304	0,000	0,008	0,008	FALSE
-0,031	0,291	-0,001	0,008	0,038	FALSE
0,027	0,309	0,001	0,010	0,034	FALSE
-0,037	0,309	-0,001	0,011	0,030	FALSE
0,073	0,295	0,003	0,008	0,131	FALSE
-0,029	0,303	-0,002	0,013	0,060	FALSE
-0,075	0,309	-0,002	0,011	0,086	FALSE
-0,066	0,306	-0,004	0,012	0,120	FALSE
0,164	0,306	0,007	0,013	0,231	FALSE
0,089	0,290	0,003	0,010	0,102	FALSE
0,085	0,300	0,002	0,008	0,106	FALSE
-0,090	0,293	-0,004	0,012	0,117	FALSE
0,071	0,293	0,002	0,011	0,072	FALSE
0,097	0,305	0,002	0,007	0,146	FALSE
-0,040	0,314	-0,001	0,008	0,050	FALSE
0,015	0,308	0,000	0,007	0,003	FALSE
-0,009	0,292	0,000	0,007	0,018	FALSE
0,004	0,304	0,000	0,009	0,001	FALSE
0,039	0,284	0,001	0,012	0,041	FALSE
-0,020	0,298	0,000	0,007	0,002	FALSE
0,030	0,312	0,001	0,009	0,051	FALSE
-0,136	0,313	-0,004	0,009	0,177	FALSE
0,066	0,306	0,003	0,012	0,086	FALSE
-0,043	0,312	-0,002	0,013	0,049	FALSE
-0,044	0,306	-0,001	0,009	0,046	FALSE
-0,051	0,301	-0,001	0,008	0,058	FALSE
-0,161	0,309	-0,004	0,008	0,226	FALSE
-0,166	0,296	-0,004	0,007	0,244	FALSE
0,134	0,303	0,004	0,008	0,194	FALSE
0,158	0,295	0,003	0,006	0,225	FALSE
0,012	0,316	0,000	0,013	0,003	FALSE

-0,005	0,303	-0,001	0,008	0,031	FALSE
0,047	0,309	0,002	0,009	0,091	FALSE
0,190	0,298	0,004	0,007	0,236	FALSE
0,054	0,317	0,001	0,012	0,034	FALSE
0,133	0,296	0,003	0,007	0,195	FALSE
-0,042	0,307	-0,001	0,007	0,044	FALSE
-0,086	0,304	-0,004	0,012	0,145	FALSE
-0,007	0,311	0,000	0,013	0,008	FALSE
0,014	0,314	0,000	0,008	0,002	FALSE
0,015	0,301	0,001	0,008	0,041	FALSE
-0,001	0,310	0,001	0,008	0,022	FALSE
0,011	0,297	0,000	0,013	0,012	FALSE
0,023	0,332	0,001	0,014	0,027	FALSE
0,059	0,304	0,002	0,013	0,063	FALSE
0,075	0,310	0,002	0,009	0,081	FALSE
-0,046	0,308	-0,002	0,012	0,061	FALSE
-0,027	0,295	-0,001	0,007	0,045	FALSE
0,008	0,318	0,001	0,010	0,029	FALSE
-0,054	0,307	-0,002	0,012	0,053	FALSE
-0,007	0,309	-0,001	0,012	0,022	FALSE
-0,067	0,296	-0,001	0,007	0,063	FALSE
-0,034	0,326	-0,001	0,010	0,032	FALSE
0,197	0,300	0,006	0,010	0,280	FALSE
-0,065	0,311	-0,003	0,012	0,083	FALSE
-0,037	0,315	-0,001	0,012	0,038	FALSE
-0,015	0,307	-0,001	0,012	0,026	FALSE
-0,104	0,320	-0,003	0,010	0,125	FALSE
0,002	0,310	-0,001	0,012	0,025	FALSE
0,039	0,305	0,001	0,013	0,019	FALSE
0,042	0,308	0,002	0,013	0,068	FALSE
0,030	0,301	0,000	0,012	0,008	FALSE
0,012	0,308	0,000	0,008	0,022	FALSE
-0,014	0,307	0,000	0,008	0,006	FALSE
-0,063	0,315	-0,002	0,008	0,071	FALSE
-0,063	0,296	-0,001	0,006	0,043	FALSE
0,055	0,302	0,002	0,012	0,053	FALSE
0,060	0,324	0,002	0,012	0,063	FALSE
0,031	0,318	0,001	0,012	0,023	FALSE
0,016	0,308	0,000	0,009	0,013	FALSE
-0,120	0,309	-0,006	0,012	0,186	FALSE
0,190	0,309	0,006	0,010	0,248	FALSE
0,013	0,302	0,000	0,013	0,011	FALSE
0,028	0,313	0,001	0,010	0,031	FALSE
-0,007	0,317	0,000	0,013	0,001	FALSE
-0,040	0,307	-0,001	0,007	0,046	FALSE
0,010	0,319	0,000	0,010	0,001	FALSE
0,005	0,296	0,000	0,009	0,005	FALSE
0,030	0,330	0,001	0,009	0,037	FALSE
-0,037	0,307	-0,001	0,009	0,032	FALSE
0,039	0,304	0,000	0,009	0,012	FALSE
0,076	0,312	0,003	0,013	0,087	FALSE
-0,035	0,308	-0,001	0,008	0,062	FALSE
-0,056	0,312	-0,002	0,010	0,091	FALSE

-0,052	0,306	-0,002	0,012	0,068	FALSE
-0,055	0,299	-0,001	0,007	0,081	FALSE
0,002	0,312	0,000	0,007	0,014	FALSE
0,091	0,299	0,003	0,011	0,102	FALSE
-0,097	0,300	-0,003	0,010	0,115	FALSE
0,023	0,310	0,000	0,011	0,008	FALSE
-0,013	0,293	-0,001	0,011	0,042	FALSE
0,130	0,293	0,003	0,007	0,163	FALSE
0,168	0,287	0,005	0,010	0,229	FALSE
0,058	0,305	0,001	0,009	0,046	FALSE
-0,019	0,317	-0,001	0,008	0,026	FALSE
0,016	0,322	0,001	0,013	0,020	FALSE
0,067	0,312	0,002	0,008	0,093	FALSE
-0,089	0,309	-0,004	0,013	0,110	FALSE
-0,019	0,306	0,000	0,013	0,002	FALSE
-0,017	0,303	-0,001	0,013	0,033	FALSE
0,092	0,287	0,004	0,010	0,147	FALSE
0,024	0,313	0,001	0,009	0,043	FALSE
0,092	0,314	0,003	0,010	0,113	FALSE
0,027	0,309	0,000	0,009	0,012	FALSE
-0,134	0,312	-0,004	0,009	0,176	FALSE
-0,024	0,297	-0,001	0,011	0,024	FALSE
0,011	0,317	0,001	0,010	0,020	FALSE
0,013	0,300	0,001	0,010	0,025	FALSE
0,032	0,314	0,001	0,011	0,043	FALSE
-0,014	0,299	0,000	0,007	0,005	FALSE
0,076	0,298	0,002	0,006	0,115	FALSE
-0,042	0,310	-0,001	0,006	0,068	FALSE
0,066	0,319	0,002	0,007	0,090	FALSE
0,107	0,306	0,005	0,010	0,184	FALSE
0,092	0,311	0,002	0,007	0,130	FALSE
0,108	0,289	0,005	0,010	0,205	FALSE
0,082	0,309	0,002	0,007	0,116	FALSE
0,074	0,312	0,002	0,007	0,099	FALSE
-0,024	0,299	-0,002	0,010	0,074	FALSE
0,026	0,307	0,001	0,008	0,029	FALSE
-0,014	0,298	-0,001	0,009	0,049	FALSE
0,017	0,299	0,000	0,009	0,002	FALSE
0,081	0,296	0,002	0,007	0,090	FALSE
-0,053	0,301	-0,001	0,010	0,047	FALSE
-0,127	0,300	-0,003	0,006	0,180	FALSE
-0,054	0,305	-0,002	0,010	0,065	FALSE
0,049	0,313	0,002	0,009	0,074	FALSE
0,097	0,325	0,002	0,007	0,127	FALSE
0,119	0,314	0,005	0,012	0,156	FALSE
0,127	0,298	0,005	0,012	0,166	FALSE
-0,130	0,304	-0,004	0,009	0,198	FALSE
0,103	0,309	0,004	0,010	0,155	FALSE
-0,149	0,316	-0,003	0,007	0,178	FALSE
-0,083	0,310	-0,002	0,007	0,097	FALSE
0,038	0,317	0,001	0,007	0,059	FALSE
-0,102	0,308	-0,004	0,009	0,182	FALSE
0,172	0,301	0,006	0,009	0,262	FALSE

0,150	0,311	0,005	0,009	0,241	FALSE
-0,031	0,309	0,000	0,006	0,012	FALSE
-0,163	0,303	-0,004	0,007	0,217	FALSE
0,122	0,297	0,004	0,009	0,175	FALSE
-0,021	0,305	0,000	0,012	0,011	FALSE
0,077	0,313	0,003	0,010	0,096	FALSE
-0,069	0,304	-0,003	0,012	0,085	FALSE
0,016	0,317	0,001	0,011	0,018	FALSE
0,055	0,303	0,002	0,009	0,073	FALSE
0,034	0,309	0,001	0,009	0,035	FALSE
0,155	0,316	0,004	0,008	0,189	FALSE
-0,012	0,304	-0,001	0,009	0,022	FALSE
-0,015	0,312	0,000	0,009	0,018	FALSE
-0,103	0,293	-0,002	0,006	0,120	FALSE
0,008	0,304	0,000	0,012	0,012	FALSE
-0,072	0,300	-0,001	0,008	0,071	FALSE
-0,161	0,296	-0,007	0,011	0,262	FALSE
-0,195	0,302	-0,009	0,013	0,322	FALSE
-0,127	0,303	-0,003	0,007	0,164	FALSE
-0,206	0,309	-0,010	0,013	0,353	FALSE
-0,191	0,298	-0,009	0,013	0,334	FALSE
-0,204	0,297	-0,009	0,013	0,331	FALSE
-0,230	0,295	-0,011	0,012	0,424	FALSE
-0,232	0,287	-0,012	0,013	0,433	FALSE
0,083	0,295	0,001	0,006	0,082	FALSE
-0,082	0,298	-0,002	0,008	0,120	FALSE
-0,064	0,306	-0,002	0,007	0,105	FALSE
-0,115	0,304	-0,005	0,013	0,171	FALSE
0,148	0,290	0,005	0,009	0,215	FALSE
0,032	0,310	0,001	0,013	0,025	FALSE
0,051	0,300	0,003	0,011	0,087	FALSE
-0,036	0,318	-0,001	0,012	0,032	FALSE
0,005	0,310	0,000	0,008	0,008	FALSE
0,000	0,305	0,000	0,012	0,005	FALSE
0,008	0,299	0,001	0,007	0,033	FALSE
0,094	0,298	0,004	0,011	0,123	FALSE
-0,006	0,303	-0,001	0,011	0,028	FALSE
0,039	0,312	0,001	0,007	0,059	FALSE
0,069	0,295	0,001	0,007	0,030	FALSE
-0,054	0,301	-0,002	0,010	0,086	FALSE
0,082	0,303	0,002	0,007	0,098	FALSE
0,038	0,300	0,001	0,010	0,052	FALSE
0,088	0,310	0,003	0,012	0,099	FALSE
-0,004	0,312	0,000	0,010	0,000	FALSE
0,010	0,296	0,000	0,006	0,005	FALSE
-0,117	0,301	-0,004	0,008	0,194	FALSE
-0,092	0,284	-0,003	0,008	0,166	TRUE
-0,034	0,316	-0,001	0,010	0,042	FALSE
-0,075	0,295	-0,002	0,008	0,120	FALSE
-0,062	0,317	-0,003	0,013	0,084	FALSE
-0,141	0,301	-0,004	0,008	0,198	FALSE
0,011	0,313	0,000	0,009	0,001	FALSE
-0,123	0,303	-0,003	0,009	0,140	FALSE

0,002	0,308	0,000	0,008	0,004	FALSE
-0,023	0,326	-0,001	0,012	0,028	FALSE
0,043	0,300	0,001	0,009	0,049	FALSE
-0,008	0,310	0,000	0,006	0,001	FALSE
-0,055	0,305	-0,001	0,007	0,049	FALSE
-0,044	0,306	-0,002	0,012	0,057	FALSE
-0,087	0,311	-0,002	0,008	0,076	FALSE
-0,020	0,313	-0,001	0,012	0,017	FALSE
0,066	0,325	0,003	0,013	0,099	FALSE
-0,075	0,315	-0,002	0,007	0,086	FALSE
-0,019	0,322	-0,001	0,012	0,030	FALSE
0,041	0,307	0,001	0,008	0,045	FALSE
-0,075	0,311	-0,004	0,011	0,130	FALSE
-0,064	0,303	-0,003	0,011	0,111	FALSE
-0,122	0,311	-0,002	0,008	0,125	FALSE
-0,067	0,303	-0,004	0,012	0,119	FALSE
0,163	0,299	0,008	0,013	0,274	FALSE
0,121	0,312	0,005	0,012	0,157	FALSE
0,027	0,318	0,001	0,007	0,052	FALSE
0,032	0,300	0,000	0,007	0,026	FALSE
0,050	0,302	0,001	0,008	0,063	FALSE
0,031	0,294	0,001	0,012	0,029	FALSE
0,151	0,291	0,003	0,006	0,196	FALSE
-0,042	0,302	-0,002	0,008	0,068	FALSE
-0,162	0,302	-0,007	0,012	0,244	FALSE
-0,164	0,307	-0,007	0,012	0,253	FALSE
-0,169	0,313	-0,007	0,013	0,242	FALSE
-0,148	0,318	-0,006	0,013	0,208	FALSE
-0,040	0,326	-0,001	0,010	0,054	FALSE
-0,061	0,315	-0,002	0,007	0,087	FALSE
0,012	0,308	0,001	0,012	0,029	FALSE
-0,056	0,311	-0,002	0,011	0,073	FALSE
0,040	0,300	0,001	0,008	0,059	FALSE
-0,100	0,313	-0,004	0,011	0,149	FALSE
-0,019	0,309	-0,001	0,010	0,036	FALSE
-0,020	0,315	0,000	0,010	0,009	FALSE
0,034	0,300	0,001	0,009	0,063	FALSE
-0,077	0,312	-0,002	0,011	0,088	FALSE
-0,009	0,320	-0,001	0,010	0,024	FALSE
0,226	0,292	0,005	0,007	0,357	FALSE
0,209	0,295	0,009	0,012	0,324	FALSE
0,041	0,310	0,002	0,010	0,062	FALSE
0,033	0,303	0,001	0,007	0,034	FALSE
-0,104	0,309	-0,003	0,008	0,133	FALSE
0,032	0,306	0,002	0,011	0,056	FALSE
0,104	0,306	0,003	0,009	0,138	FALSE
-0,016	0,308	-0,001	0,010	0,024	FALSE
-0,029	0,314	-0,001	0,011	0,015	FALSE
0,006	0,310	0,001	0,013	0,028	FALSE
0,000	0,318	0,000	0,007	0,011	FALSE
-0,011	0,311	0,000	0,012	0,014	FALSE
-0,107	0,301	-0,003	0,009	0,122	FALSE
0,077	0,301	0,001	0,007	0,066	FALSE

-0,042	0,304	-0,001	0,013	0,039	FALSE
0,141	0,303	0,004	0,009	0,179	FALSE
-0,066	0,318	-0,002	0,010	0,065	FALSE
0,139	0,310	0,003	0,008	0,177	FALSE
-0,030	0,313	-0,001	0,012	0,031	FALSE
-0,094	0,309	-0,002	0,007	0,125	FALSE
-0,016	0,305	-0,001	0,010	0,021	FALSE
0,042	0,315	0,002	0,012	0,065	FALSE
0,021	0,319	0,001	0,011	0,037	FALSE
-0,023	0,298	0,000	0,009	0,008	FALSE
-0,045	0,314	-0,001	0,007	0,034	FALSE
-0,011	0,312	0,000	0,012	0,007	FALSE
0,220	0,301	0,004	0,006	0,292	FALSE
0,199	0,292	0,004	0,007	0,275	FALSE
-0,020	0,304	-0,001	0,008	0,023	FALSE
-0,016	0,303	-0,001	0,012	0,017	FALSE
0,000	0,311	0,000	0,007	0,005	FALSE
-0,131	0,302	-0,006	0,013	0,196	FALSE
0,001	0,309	0,000	0,009	0,007	FALSE
-0,050	0,314	-0,002	0,013	0,056	FALSE
-0,103	0,306	-0,004	0,013	0,131	FALSE
-0,177	0,303	-0,004	0,008	0,216	FALSE
0,067	0,312	0,004	0,013	0,131	FALSE
0,111	0,301	0,003	0,007	0,170	FALSE
-0,230	0,298	-0,008	0,010	0,349	FALSE
-0,066	0,306	-0,002	0,008	0,120	FALSE
-0,030	0,309	-0,001	0,012	0,026	FALSE
-0,109	0,307	-0,003	0,008	0,129	FALSE
-0,092	0,310	-0,004	0,012	0,117	FALSE
-0,056	0,307	-0,002	0,011	0,055	FALSE
0,043	0,304	0,002	0,013	0,062	FALSE
0,017	0,298	0,001	0,008	0,033	FALSE
-0,010	0,303	0,000	0,010	0,013	FALSE
0,025	0,297	0,000	0,009	0,011	FALSE
0,023	0,313	0,000	0,009	0,003	FALSE
0,115	0,298	0,002	0,006	0,143	FALSE
0,144	0,318	0,003	0,008	0,177	FALSE
-0,077	0,316	-0,003	0,013	0,082	FALSE
0,051	0,297	0,001	0,010	0,049	FALSE
-0,008	0,298	0,000	0,010	0,002	FALSE
-0,089	0,291	-0,003	0,011	0,108	FALSE
-0,049	0,313	-0,002	0,008	0,082	FALSE
-0,070	0,298	-0,002	0,007	0,097	FALSE
-0,102	0,310	-0,002	0,008	0,127	FALSE
-0,009	0,323	0,000	0,011	0,005	FALSE
-0,044	0,317	-0,002	0,012	0,056	FALSE
-0,072	0,314	-0,003	0,013	0,077	FALSE
-0,008	0,302	0,000	0,007	0,000	FALSE
-0,033	0,323	-0,001	0,013	0,030	FALSE
-0,036	0,323	-0,001	0,007	0,024	FALSE
-0,161	0,302	-0,004	0,007	0,229	FALSE
0,134	0,305	0,005	0,012	0,163	FALSE
-0,032	0,311	0,000	0,007	0,019	FALSE

0,052	0,305	0,001	0,006	0,062	FALSE
-0,036	0,301	-0,001	0,011	0,030	FALSE
-0,067	0,306	-0,002	0,011	0,063	FALSE
0,054	0,310	0,002	0,012	0,081	FALSE
0,036	0,312	0,000	0,007	0,025	FALSE
-0,012	0,298	-0,001	0,008	0,041	FALSE
0,000	0,308	0,000	0,011	0,014	FALSE
0,060	0,310	0,002	0,013	0,061	FALSE
-0,033	0,318	-0,001	0,007	0,037	FALSE
-0,019	0,302	-0,001	0,007	0,046	FALSE
-0,179	0,301	-0,006	0,011	0,254	FALSE
0,039	0,308	0,002	0,009	0,076	FALSE
-0,016	0,311	0,000	0,008	0,021	FALSE
-0,011	0,302	0,000	0,009	0,004	FALSE
0,020	0,314	0,000	0,007	0,020	FALSE
0,023	0,329	0,000	0,008	0,020	FALSE
0,120	0,307	0,003	0,008	0,152	FALSE
0,090	0,321	0,003	0,011	0,106	FALSE
0,081	0,297	0,003	0,010	0,107	FALSE
0,092	0,316	0,002	0,009	0,101	FALSE
0,085	0,303	0,003	0,011	0,119	FALSE
-0,100	0,313	-0,004	0,012	0,115	FALSE
0,168	0,303	0,007	0,012	0,249	FALSE
0,074	0,307	0,002	0,007	0,126	FALSE
0,003	0,318	0,000	0,013	0,002	FALSE
0,152	0,294	0,005	0,013	0,175	FALSE
0,076	0,294	0,002	0,013	0,071	FALSE
-0,031	0,333	-0,001	0,013	0,034	FALSE
0,030	0,305	0,001	0,011	0,022	FALSE
0,061	0,303	0,001	0,010	0,034	FALSE
-0,077	0,301	-0,002	0,008	0,111	FALSE
-0,119	0,314	-0,004	0,011	0,151	FALSE
0,144	0,297	0,004	0,010	0,176	FALSE
0,010	0,309	0,001	0,009	0,022	FALSE
0,005	0,312	0,000	0,013	0,003	FALSE
0,015	0,305	0,000	0,006	0,005	FALSE
-0,087	0,310	-0,004	0,013	0,135	FALSE
-0,020	0,311	0,000	0,007	0,021	FALSE
-0,004	0,299	0,000	0,007	0,012	FALSE
-0,033	0,306	-0,001	0,008	0,023	FALSE
-0,024	0,318	-0,001	0,013	0,039	FALSE
0,068	0,302	0,002	0,007	0,118	FALSE
-0,084	0,299	-0,002	0,007	0,134	FALSE
-0,035	0,287	0,000	0,008	0,019	FALSE
-0,079	0,311	-0,002	0,009	0,105	FALSE
-0,108	0,313	-0,003	0,009	0,154	FALSE
0,080	0,293	0,002	0,006	0,163	FALSE
0,035	0,309	0,001	0,011	0,047	FALSE
-0,067	0,321	-0,002	0,008	0,080	FALSE
0,044	0,322	0,002	0,010	0,071	FALSE
-0,072	0,302	-0,001	0,008	0,054	FALSE
-0,089	0,293	-0,003	0,012	0,098	FALSE
0,018	0,307	0,000	0,012	0,009	FALSE

0,036	0,304	0,001	0,011	0,041	FALSE
0,151	0,310	0,004	0,008	0,224	FALSE
-0,053	0,308	-0,002	0,008	0,097	FALSE
0,081	0,310	0,003	0,010	0,108	FALSE
0,024	0,308	0,001	0,009	0,040	FALSE
-0,008	0,305	0,000	0,010	0,010	FALSE
0,059	0,302	0,003	0,012	0,077	FALSE
-0,087	0,302	-0,003	0,008	0,130	FALSE
-0,071	0,312	-0,002	0,011	0,060	FALSE
-0,060	0,314	-0,002	0,011	0,049	FALSE
0,038	0,311	0,002	0,012	0,063	FALSE
0,050	0,301	0,002	0,010	0,066	FALSE
0,006	0,306	0,000	0,007	0,013	FALSE
0,059	0,307	0,001	0,009	0,051	FALSE
-0,066	0,306	-0,002	0,009	0,106	FALSE
0,002	0,307	0,000	0,010	0,001	FALSE
-0,029	0,301	-0,001	0,009	0,042	FALSE
0,017	0,315	0,001	0,011	0,027	FALSE
0,056	0,297	0,002	0,010	0,082	FALSE
0,015	0,301	0,001	0,011	0,018	FALSE
0,001	0,323	0,000	0,011	0,012	FALSE
0,091	0,291	0,005	0,012	0,154	FALSE
0,099	0,329	0,003	0,010	0,139	FALSE
0,007	0,309	0,000	0,008	0,006	FALSE
0,006	0,300	0,000	0,012	0,003	FALSE
0,060	0,303	0,002	0,007	0,112	FALSE
-0,101	0,310	-0,005	0,013	0,146	FALSE
-0,049	0,304	-0,001	0,009	0,061	FALSE
-0,134	0,297	-0,006	0,013	0,202	FALSE
0,027	0,292	0,001	0,007	0,055	FALSE
0,042	0,303	0,001	0,012	0,038	FALSE
0,106	0,316	0,003	0,008	0,141	FALSE
0,068	0,313	0,003	0,012	0,082	FALSE
0,163	0,295	0,007	0,012	0,228	FALSE
-0,007	0,296	0,000	0,007	0,014	FALSE
-0,077	0,303	-0,004	0,012	0,121	FALSE
-0,200	0,307	-0,006	0,008	0,305	FALSE
0,163	0,305	0,005	0,009	0,227	FALSE
-0,021	0,308	-0,001	0,008	0,032	FALSE
-0,032	0,300	-0,001	0,012	0,041	FALSE
-0,020	0,309	-0,002	0,012	0,046	FALSE
-0,080	0,309	-0,003	0,008	0,121	FALSE
0,035	0,309	0,001	0,013	0,029	FALSE
0,057	0,295	0,002	0,012	0,056	FALSE
-0,072	0,309	-0,002	0,008	0,096	FALSE
0,062	0,303	0,002	0,010	0,085	FALSE
-0,105	0,294	-0,002	0,006	0,125	FALSE
0,040	0,303	0,002	0,011	0,060	FALSE
0,027	0,319	0,001	0,013	0,024	FALSE
0,002	0,305	0,001	0,013	0,021	FALSE
-0,004	0,303	0,000	0,007	0,011	FALSE
0,143	0,309	0,004	0,008	0,175	FALSE
0,120	0,301	0,004	0,012	0,137	FALSE

-0,046	0,299	-0,002	0,010	0,058	FALSE
-0,078	0,294	-0,002	0,008	0,090	FALSE
-0,039	0,315	-0,001	0,009	0,033	FALSE
-0,014	0,302	0,000	0,008	0,009	FALSE
-0,049	0,295	-0,001	0,006	0,041	FALSE
-0,038	0,314	0,000	0,007	0,012	FALSE
-0,067	0,282	-0,002	0,009	0,090	FALSE
0,196	0,314	0,006	0,010	0,270	FALSE
-0,101	0,312	-0,004	0,013	0,137	FALSE
0,212	0,296	0,005	0,008	0,291	FALSE
-0,007	0,314	0,000	0,013	0,009	FALSE
0,012	0,303	0,001	0,011	0,023	FALSE
0,051	0,300	0,003	0,012	0,077	FALSE
-0,106	0,316	-0,003	0,010	0,134	FALSE
0,061	0,326	0,002	0,013	0,064	FALSE
0,120	0,315	0,004	0,012	0,143	FALSE
0,113	0,312	0,003	0,009	0,134	FALSE
0,047	0,295	0,001	0,011	0,043	FALSE
0,022	0,311	0,001	0,011	0,016	FALSE
-0,043	0,300	-0,001	0,008	0,066	FALSE
0,106	0,316	0,002	0,007	0,117	FALSE
0,129	0,305	0,003	0,009	0,162	FALSE
-0,051	0,313	-0,001	0,007	0,085	FALSE
-0,106	0,296	-0,002	0,007	0,115	FALSE
0,024	0,312	0,001	0,012	0,019	FALSE
0,020	0,307	0,000	0,013	0,009	FALSE
0,010	0,299	0,001	0,012	0,024	FALSE
-0,129	0,301	-0,006	0,012	0,206	FALSE
-0,018	0,304	0,000	0,007	0,010	FALSE
-0,025	0,295	-0,001	0,008	0,049	FALSE
0,041	0,307	0,002	0,010	0,080	FALSE
-0,111	0,304	-0,003	0,008	0,168	FALSE
0,146	0,311	0,005	0,011	0,174	FALSE
0,087	0,307	0,002	0,010	0,074	FALSE
-0,030	0,316	0,000	0,006	0,025	FALSE
-0,067	0,311	-0,001	0,007	0,048	FALSE
-0,009	0,311	0,000	0,007	0,002	FALSE
0,135	0,298	0,004	0,008	0,180	FALSE
0,037	0,293	0,001	0,011	0,032	FALSE
0,047	0,299	0,001	0,011	0,043	FALSE
0,119	0,305	0,005	0,011	0,186	FALSE
0,088	0,290	0,003	0,013	0,105	FALSE
0,077	0,293	0,003	0,013	0,088	FALSE
0,061	0,296	0,002	0,013	0,062	FALSE
0,076	0,302	0,002	0,007	0,123	FALSE
0,101	0,310	0,003	0,007	0,145	FALSE
-0,106	0,316	-0,004	0,011	0,159	FALSE
0,080	0,302	0,003	0,011	0,106	FALSE
-0,021	0,306	-0,001	0,009	0,051	FALSE
-0,138	0,306	-0,004	0,008	0,181	FALSE
-0,143	0,317	-0,007	0,013	0,212	FALSE
0,013	0,304	0,001	0,008	0,034	FALSE
0,032	0,304	0,001	0,006	0,044	FALSE

-0,046	0,303	-0,002	0,011	0,053	FALSE
0,025	0,306	0,000	0,008	0,020	FALSE
-0,057	0,311	-0,002	0,009	0,074	FALSE
-0,052	0,315	-0,001	0,009	0,020	FALSE
-0,139	0,292	-0,005	0,011	0,211	FALSE
-0,005	0,314	0,000	0,006	0,002	FALSE
0,016	0,315	0,001	0,010	0,025	FALSE
-0,038	0,309	-0,001	0,011	0,050	FALSE
0,032	0,324	0,001	0,013	0,026	FALSE
-0,091	0,297	-0,002	0,009	0,087	FALSE
0,085	0,297	0,002	0,007	0,100	FALSE
0,099	0,298	0,002	0,007	0,124	FALSE
-0,005	0,294	0,000	0,010	0,007	FALSE
0,160	0,288	0,004	0,006	0,238	FALSE
0,157	0,299	0,004	0,007	0,226	FALSE
-0,018	0,299	-0,001	0,012	0,039	FALSE
0,089	0,306	0,002	0,007	0,121	FALSE
0,039	0,317	0,001	0,007	0,064	FALSE
0,038	0,313	0,002	0,013	0,061	FALSE
-0,028	0,299	-0,001	0,007	0,027	FALSE
0,135	0,309	0,005	0,012	0,157	FALSE
-0,087	0,307	-0,002	0,009	0,107	FALSE
0,061	0,303	0,002	0,008	0,115	FALSE
0,144	0,314	0,006	0,013	0,192	FALSE
0,123	0,293	0,004	0,012	0,140	FALSE
-0,037	0,304	-0,001	0,007	0,032	FALSE
-0,062	0,306	-0,001	0,007	0,073	FALSE
0,088	0,304	0,003	0,009	0,108	FALSE
-0,126	0,315	-0,007	0,013	0,223	FALSE
0,130	0,296	0,004	0,013	0,128	FALSE
-0,046	0,314	-0,001	0,007	0,051	FALSE
0,108	0,296	0,002	0,007	0,146	FALSE
0,025	0,307	0,000	0,007	0,013	FALSE
0,000	0,293	0,000	0,007	0,019	FALSE
-0,131	0,293	-0,003	0,008	0,158	FALSE
0,014	0,309	0,000	0,007	0,005	FALSE
0,002	0,302	0,001	0,007	0,032	FALSE
0,002	0,305	0,001	0,007	0,030	FALSE
0,009	0,304	0,001	0,008	0,034	FALSE
0,086	0,318	0,002	0,010	0,094	FALSE
0,018	0,322	0,001	0,008	0,047	FALSE
0,055	0,322	0,002	0,009	0,071	FALSE
-0,085	0,310	-0,002	0,008	0,093	FALSE
-0,042	0,303	-0,003	0,012	0,085	FALSE
-0,030	0,310	-0,002	0,012	0,070	FALSE
0,035	0,304	0,001	0,007	0,042	FALSE
-0,020	0,310	-0,001	0,007	0,031	FALSE
-0,070	0,303	-0,002	0,007	0,109	FALSE
0,071	0,311	0,003	0,013	0,088	FALSE
0,097	0,303	0,004	0,012	0,115	FALSE
-0,046	0,296	-0,001	0,007	0,082	FALSE
0,014	0,293	0,000	0,007	0,025	FALSE
0,021	0,305	0,001	0,006	0,031	FALSE

-0,088	0,303	-0,004	0,012	0,146	FALSE
-0,071	0,303	-0,003	0,011	0,113	FALSE
0,093	0,304	0,004	0,013	0,121	FALSE
-0,067	0,298	-0,002	0,008	0,108	FALSE
-0,054	0,302	-0,002	0,010	0,079	FALSE
0,093	0,304	0,003	0,007	0,153	FALSE
0,106	0,312	0,005	0,012	0,161	FALSE
0,092	0,311	0,004	0,012	0,149	FALSE
0,067	0,303	0,001	0,009	0,060	FALSE
-0,045	0,304	-0,001	0,010	0,053	FALSE
-0,024	0,307	-0,001	0,009	0,045	FALSE
0,015	0,303	0,000	0,008	0,020	FALSE
-0,108	0,331	-0,004	0,012	0,123	FALSE
0,016	0,312	0,000	0,012	0,007	FALSE
0,071	0,308	0,003	0,013	0,078	FALSE
0,081	0,310	0,003	0,013	0,084	FALSE
0,047	0,304	0,001	0,006	0,061	FALSE
0,068	0,293	0,002	0,008	0,070	FALSE
0,067	0,309	0,002	0,012	0,061	FALSE
0,074	0,303	0,002	0,007	0,090	FALSE
0,001	0,308	0,000	0,013	0,011	FALSE
0,057	0,315	0,002	0,009	0,067	FALSE
-0,063	0,294	-0,001	0,006	0,068	FALSE
0,149	0,304	0,006	0,013	0,213	FALSE
0,093	0,310	0,004	0,012	0,121	FALSE
0,033	0,302	0,000	0,008	0,008	FALSE
-0,017	0,299	-0,001	0,011	0,016	FALSE
-0,023	0,327	-0,001	0,007	0,025	FALSE
0,044	0,299	0,001	0,009	0,047	FALSE
0,036	0,314	0,001	0,009	0,044	FALSE
-0,047	0,301	-0,003	0,012	0,106	FALSE
-0,067	0,315	-0,002	0,008	0,094	FALSE
0,006	0,310	0,000	0,007	0,007	FALSE
-0,003	0,295	-0,001	0,012	0,024	FALSE
-0,017	0,316	-0,001	0,012	0,038	FALSE
-0,157	0,299	-0,003	0,006	0,203	FALSE
-0,075	0,300	-0,003	0,012	0,100	FALSE
-0,077	0,304	-0,002	0,010	0,082	FALSE
0,106	0,310	0,004	0,012	0,139	FALSE
-0,026	0,308	-0,001	0,010	0,030	FALSE
-0,006	0,317	0,000	0,009	0,011	FALSE
-0,094	0,300	-0,003	0,010	0,114	FALSE
0,047	0,320	0,002	0,010	0,085	FALSE
0,106	0,303	0,004	0,013	0,105	FALSE
0,035	0,307	0,001	0,007	0,033	FALSE
-0,024	0,314	0,000	0,008	0,020	FALSE
-0,092	0,304	-0,002	0,008	0,106	FALSE
0,104	0,302	0,004	0,009	0,163	FALSE
-0,025	0,310	0,000	0,010	0,014	FALSE
-0,084	0,303	-0,004	0,011	0,141	FALSE
-0,084	0,299	-0,002	0,010	0,079	FALSE
-0,085	0,303	-0,002	0,010	0,076	FALSE
-0,044	0,299	-0,001	0,007	0,041	FALSE

-0,110	0,311	-0,003	0,007	0,151	FALSE
-0,126	0,311	-0,003	0,008	0,162	FALSE
0,119	0,301	0,003	0,006	0,178	FALSE
0,018	0,303	0,001	0,010	0,029	FALSE
-0,090	0,294	-0,003	0,013	0,090	FALSE
-0,036	0,307	-0,001	0,012	0,020	FALSE
-0,107	0,300	-0,002	0,007	0,134	FALSE
0,071	0,307	0,002	0,007	0,114	FALSE
0,219	0,303	0,007	0,009	0,363	FALSE
-0,072	0,314	-0,003	0,012	0,109	FALSE
-0,028	0,297	-0,001	0,011	0,029	FALSE
-0,031	0,303	-0,001	0,009	0,056	FALSE
0,028	0,291	0,000	0,012	0,011	FALSE
0,026	0,301	0,002	0,013	0,067	FALSE
-0,022	0,297	-0,002	0,013	0,064	FALSE
-0,068	0,311	-0,001	0,007	0,074	FALSE
-0,022	0,300	0,000	0,012	0,011	FALSE
-0,020	0,295	0,000	0,010	0,013	FALSE
-0,080	0,310	-0,003	0,012	0,085	FALSE
-0,059	0,308	-0,002	0,008	0,084	FALSE
-0,006	0,307	0,000	0,008	0,009	FALSE
-0,060	0,311	-0,002	0,010	0,061	FALSE
-0,154	0,300	-0,003	0,007	0,209	FALSE
0,027	0,304	0,001	0,010	0,019	FALSE
0,062	0,305	0,002	0,010	0,069	FALSE
0,049	0,312	0,001	0,010	0,046	FALSE
-0,172	0,304	-0,005	0,008	0,259	FALSE
-0,068	0,306	-0,001	0,007	0,076	FALSE
0,029	0,306	0,001	0,011	0,019	FALSE
-0,101	0,298	-0,005	0,013	0,141	FALSE
-0,010	0,306	0,000	0,006	0,019	FALSE
0,026	0,299	0,001	0,010	0,040	FALSE
-0,003	0,311	0,000	0,008	0,017	FALSE
-0,045	0,303	-0,001	0,008	0,064	FALSE
0,097	0,290	0,002	0,007	0,143	FALSE
-0,119	0,307	-0,004	0,011	0,159	FALSE
-0,128	0,303	-0,004	0,011	0,169	FALSE
-0,139	0,308	-0,006	0,013	0,176	FALSE
-0,195	0,289	-0,008	0,013	0,299	FALSE
-0,012	0,308	0,000	0,012	0,006	FALSE
0,005	0,303	0,001	0,009	0,043	FALSE
0,073	0,315	0,002	0,007	0,101	FALSE
0,034	0,308	0,001	0,007	0,060	FALSE
-0,005	0,313	-0,001	0,013	0,021	FALSE
0,120	0,317	0,006	0,013	0,178	FALSE
0,060	0,299	0,002	0,007	0,106	FALSE
0,071	0,310	0,002	0,008	0,108	FALSE
0,130	0,301	0,005	0,011	0,179	FALSE
-0,062	0,323	-0,001	0,007	0,071	FALSE
0,079	0,303	0,001	0,007	0,085	FALSE
-0,049	0,301	-0,001	0,009	0,058	FALSE
-0,067	0,301	-0,002	0,010	0,080	FALSE
-0,002	0,309	0,000	0,007	0,006	FALSE

-0,032	0,296	-0,001	0,007	0,042	FALSE
-0,006	0,313	0,000	0,007	0,016	FALSE
0,005	0,308	0,001	0,008	0,024	FALSE
0,080	0,307	0,003	0,009	0,117	FALSE
0,047	0,311	0,002	0,009	0,064	FALSE
-0,103	0,304	-0,004	0,010	0,137	FALSE
-0,060	0,290	-0,002	0,011	0,068	FALSE
0,021	0,302	0,001	0,007	0,028	FALSE
-0,160	0,298	-0,005	0,010	0,211	FALSE
0,016	0,309	0,001	0,008	0,056	FALSE
-0,025	0,313	-0,001	0,010	0,045	FALSE
-0,113	0,302	-0,004	0,012	0,131	FALSE
-0,034	0,308	-0,002	0,013	0,047	FALSE
-0,029	0,305	-0,001	0,013	0,028	FALSE
0,034	0,300	0,001	0,008	0,041	FALSE
0,057	0,304	0,001	0,012	0,043	FALSE
-0,022	0,303	0,000	0,007	0,019	FALSE
-0,090	0,316	-0,002	0,010	0,069	FALSE
-0,051	0,313	-0,002	0,009	0,067	FALSE
-0,044	0,295	-0,001	0,007	0,058	FALSE
-0,064	0,299	-0,002	0,007	0,092	FALSE
-0,041	0,306	-0,001	0,007	0,042	FALSE
-0,065	0,294	-0,002	0,007	0,085	FALSE
0,068	0,313	0,003	0,013	0,104	FALSE
-0,048	0,311	-0,001	0,012	0,028	FALSE
0,077	0,309	0,003	0,011	0,111	FALSE
-0,122	0,310	-0,005	0,013	0,147	FALSE
0,054	0,319	0,001	0,008	0,053	FALSE
0,076	0,300	0,002	0,010	0,086	FALSE
0,006	0,298	0,001	0,006	0,031	FALSE
0,041	0,323	0,001	0,007	0,069	FALSE
-0,070	0,321	-0,003	0,013	0,093	FALSE
-0,089	0,313	-0,004	0,013	0,123	FALSE
0,103	0,297	0,005	0,013	0,154	FALSE
-0,053	0,309	-0,001	0,006	0,070	FALSE
-0,079	0,290	-0,002	0,008	0,102	FALSE
0,020	0,304	0,001	0,010	0,022	FALSE
0,137	0,299	0,003	0,007	0,199	FALSE
0,080	0,311	0,002	0,009	0,089	FALSE
-0,053	0,293	-0,001	0,007	0,073	FALSE
0,088	0,309	0,003	0,012	0,104	FALSE
0,047	0,305	0,001	0,008	0,058	FALSE
-0,040	0,311	0,000	0,008	0,019	FALSE
0,016	0,307	0,001	0,012	0,016	FALSE
-0,043	0,315	-0,001	0,007	0,033	FALSE
0,042	0,298	0,001	0,007	0,047	FALSE
0,068	0,306	0,003	0,011	0,100	FALSE
-0,062	0,302	-0,002	0,007	0,093	FALSE
-0,032	0,296	-0,001	0,012	0,032	FALSE
-0,009	0,316	0,000	0,009	0,002	FALSE
-0,077	0,320	-0,003	0,011	0,097	FALSE
-0,081	0,298	-0,002	0,006	0,137	FALSE
0,033	0,303	0,001	0,012	0,041	FALSE

0,071	0,311	0,002	0,009	0,067	FALSE
0,060	0,313	0,002	0,013	0,052	FALSE
-0,041	0,301	-0,001	0,010	0,045	FALSE
-0,027	0,312	-0,001	0,012	0,022	FALSE
0,036	0,301	0,002	0,012	0,068	FALSE
0,038	0,299	0,001	0,006	0,052	FALSE
0,062	0,303	0,002	0,010	0,076	FALSE
0,042	0,306	0,001	0,007	0,053	FALSE
-0,085	0,300	-0,002	0,006	0,097	FALSE
-0,073	0,303	-0,002	0,010	0,064	FALSE
0,063	0,310	0,003	0,011	0,100	FALSE
0,058	0,304	0,001	0,009	0,047	FALSE
0,054	0,321	0,002	0,012	0,057	FALSE
0,047	0,314	0,002	0,012	0,064	FALSE
-0,045	0,301	-0,001	0,009	0,055	FALSE
0,005	0,312	-0,001	0,012	0,017	FALSE
-0,020	0,304	0,000	0,009	0,011	FALSE
0,094	0,291	0,002	0,009	0,080	FALSE
-0,099	0,312	-0,002	0,007	0,115	FALSE
-0,085	0,314	-0,003	0,013	0,082	FALSE
-0,045	0,310	-0,002	0,011	0,076	FALSE
0,136	0,297	0,005	0,009	0,230	FALSE
-0,056	0,306	-0,001	0,008	0,065	FALSE
-0,107	0,311	-0,002	0,007	0,145	FALSE
0,157	0,294	0,006	0,011	0,220	FALSE
0,102	0,311	0,003	0,011	0,107	FALSE
-0,029	0,292	-0,001	0,007	0,060	FALSE
0,072	0,307	0,002	0,009	0,086	FALSE
0,006	0,307	0,000	0,012	0,003	FALSE
-0,053	0,316	-0,003	0,011	0,091	FALSE
0,019	0,306	0,001	0,010	0,033	FALSE
-0,039	0,302	-0,002	0,011	0,064	FALSE
0,100	0,307	0,003	0,010	0,125	FALSE
0,026	0,325	0,001	0,008	0,061	FALSE
0,020	0,318	0,001	0,008	0,050	FALSE
0,105	0,312	0,002	0,007	0,106	FALSE
0,122	0,306	0,003	0,008	0,158	FALSE
-0,024	0,308	0,000	0,007	0,025	FALSE
-0,055	0,303	-0,002	0,012	0,074	FALSE
-0,010	0,307	0,000	0,007	0,007	FALSE
0,012	0,310	0,000	0,009	0,009	FALSE
0,051	0,297	0,001	0,007	0,069	FALSE
0,029	0,315	0,001	0,008	0,037	FALSE
0,047	0,299	0,002	0,012	0,067	FALSE
0,017	0,311	0,001	0,008	0,036	FALSE
-0,062	0,298	-0,002	0,013	0,064	FALSE
-0,248	0,296	-0,011	0,012	0,431	FALSE
-0,028	0,314	-0,001	0,010	0,035	FALSE
-0,046	0,317	-0,001	0,008	0,041	FALSE
0,029	0,319	0,001	0,010	0,033	FALSE
0,058	0,298	0,002	0,009	0,076	FALSE
-0,145	0,302	-0,004	0,008	0,182	FALSE
0,017	0,309	0,000	0,008	0,014	FALSE

-0,233	0,296	-0,010	0,013	0,389	FALSE
-0,058	0,325	-0,001	0,009	0,058	FALSE
0,044	0,304	0,001	0,008	0,037	FALSE
-0,099	0,305	-0,003	0,009	0,127	FALSE
-0,040	0,311	-0,001	0,007	0,057	FALSE
0,040	0,315	0,000	0,008	0,020	FALSE
0,056	0,302	0,002	0,013	0,056	FALSE
0,012	0,322	0,000	0,007	0,016	FALSE
0,117	0,301	0,003	0,006	0,172	FALSE
-0,048	0,306	-0,001	0,008	0,036	FALSE
0,012	0,320	0,000	0,011	0,001	FALSE
0,150	0,314	0,003	0,006	0,178	FALSE
0,006	0,300	0,000	0,008	0,000	FALSE
-0,026	0,316	0,000	0,007	0,011	FALSE
-0,060	0,308	-0,002	0,011	0,057	FALSE
0,021	0,302	0,001	0,012	0,036	FALSE
-0,047	0,318	-0,001	0,007	0,035	FALSE
-0,031	0,309	-0,001	0,007	0,047	FALSE
-0,011	0,296	-0,001	0,012	0,029	FALSE
0,036	0,307	0,001	0,013	0,034	FALSE
0,015	0,307	0,000	0,012	0,009	FALSE
-0,061	0,306	-0,003	0,012	0,108	FALSE
0,082	0,316	0,003	0,013	0,073	FALSE
0,029	0,312	0,001	0,012	0,041	FALSE
-0,001	0,302	0,000	0,012	0,003	FALSE
0,045	0,310	0,002	0,012	0,057	FALSE
0,026	0,311	0,001	0,012	0,025	FALSE
0,023	0,307	0,001	0,011	0,049	FALSE
-0,033	0,306	0,000	0,011	0,015	FALSE
0,048	0,314	0,001	0,006	0,077	FALSE
0,015	0,293	0,001	0,008	0,051	FALSE
0,008	0,313	0,000	0,009	0,020	FALSE
-0,017	0,324	-0,001	0,008	0,026	FALSE
0,099	0,307	0,003	0,008	0,129	FALSE
0,040	0,324	0,001	0,009	0,038	FALSE
0,084	0,300	0,003	0,009	0,113	FALSE
-0,038	0,299	-0,001	0,007	0,037	FALSE
0,089	0,327	0,003	0,010	0,103	FALSE
0,082	0,303	0,002	0,009	0,092	FALSE
-0,091	0,297	-0,004	0,012	0,137	FALSE
-0,066	0,310	-0,001	0,007	0,052	FALSE
-0,038	0,307	0,000	0,007	0,011	FALSE
-0,030	0,319	0,000	0,008	0,014	FALSE
-0,004	0,314	0,000	0,008	0,013	FALSE
-0,072	0,312	-0,001	0,007	0,071	FALSE
-0,029	0,302	0,000	0,007	0,024	FALSE
0,010	0,307	0,001	0,009	0,022	FALSE
0,015	0,315	0,001	0,009	0,028	FALSE
-0,014	0,310	0,000	0,009	0,011	FALSE
0,058	0,314	0,002	0,011	0,061	FALSE
0,097	0,305	0,004	0,011	0,142	FALSE
-0,024	0,301	-0,001	0,008	0,029	FALSE
-0,032	0,315	-0,001	0,007	0,036	FALSE

-0,101	0,319	-0,003	0,008	0,135	FALSE
0,072	0,310	0,003	0,012	0,091	FALSE
0,089	0,315	0,003	0,009	0,115	FALSE
0,138	0,310	0,004	0,009	0,219	FALSE
0,011	0,299	0,000	0,012	0,009	FALSE
0,056	0,288	0,001	0,009	0,057	FALSE
0,056	0,286	0,001	0,009	0,058	FALSE
0,035	0,282	0,000	0,009	0,019	FALSE
-0,001	0,305	0,000	0,008	0,014	FALSE
0,056	0,283	0,001	0,009	0,054	FALSE
-0,037	0,304	-0,001	0,008	0,026	FALSE
0,032	0,324	0,001	0,010	0,039	FALSE
0,035	0,281	0,000	0,009	0,015	FALSE
-0,014	0,305	0,000	0,006	0,013	FALSE
0,023	0,322	0,001	0,013	0,020	FALSE
-0,053	0,313	-0,001	0,008	0,061	FALSE
-0,031	0,309	-0,001	0,009	0,036	FALSE
0,029	0,283	0,000	0,011	0,002	FALSE
0,060	0,295	0,003	0,013	0,087	FALSE
-0,157	0,318	-0,006	0,011	0,237	FALSE
-0,067	0,309	-0,002	0,012	0,063	FALSE
-0,083	0,307	-0,002	0,012	0,061	FALSE
-0,105	0,305	-0,002	0,007	0,136	FALSE
0,104	0,295	0,004	0,010	0,160	FALSE
0,111	0,320	0,004	0,013	0,126	FALSE
0,003	0,308	0,000	0,008	0,020	FALSE
0,126	0,294	0,003	0,007	0,188	FALSE
-0,009	0,315	-0,001	0,013	0,034	FALSE
-0,074	0,320	-0,002	0,007	0,102	FALSE
-0,056	0,309	-0,002	0,011	0,084	FALSE
-0,121	0,301	-0,004	0,012	0,133	FALSE
-0,086	0,318	-0,002	0,011	0,085	FALSE
-0,081	0,307	-0,002	0,011	0,085	FALSE
-0,085	0,308	-0,003	0,011	0,089	FALSE
-0,089	0,304	-0,003	0,011	0,107	FALSE
-0,088	0,314	-0,003	0,011	0,103	FALSE
-0,094	0,315	-0,003	0,011	0,112	FALSE
-0,120	0,310	-0,004	0,012	0,132	FALSE
-0,023	0,308	-0,001	0,012	0,036	FALSE
-0,007	0,309	-0,001	0,013	0,025	FALSE
-0,146	0,315	-0,004	0,008	0,209	FALSE
-0,131	0,299	-0,004	0,008	0,189	FALSE
-0,077	0,301	-0,004	0,013	0,112	FALSE
0,036	0,314	0,001	0,009	0,052	FALSE
-0,092	0,303	-0,004	0,012	0,133	FALSE
-0,085	0,319	-0,003	0,012	0,095	FALSE
-0,001	0,289	0,000	0,011	0,016	FALSE
-0,044	0,295	-0,001	0,007	0,037	FALSE
-0,115	0,297	-0,004	0,011	0,152	FALSE
-0,089	0,308	-0,003	0,011	0,107	FALSE
-0,041	0,323	-0,001	0,010	0,052	FALSE
0,068	0,309	0,002	0,008	0,097	FALSE
0,043	0,296	0,002	0,011	0,049	FALSE

-0,073	0,291	-0,002	0,006	0,107	FALSE
-0,153	0,297	-0,004	0,011	0,161	FALSE
0,057	0,307	0,002	0,009	0,073	FALSE
0,114	0,296	0,004	0,011	0,130	FALSE
-0,040	0,318	0,000	0,007	0,019	FALSE
-0,049	0,317	-0,001	0,009	0,040	FALSE
-0,060	0,301	-0,001	0,008	0,061	FALSE
0,010	0,307	0,000	0,008	0,015	FALSE
-0,062	0,301	-0,002	0,009	0,099	FALSE
-0,062	0,308	-0,003	0,012	0,085	FALSE
-0,015	0,326	-0,001	0,013	0,027	FALSE
-0,021	0,307	-0,001	0,012	0,042	FALSE
-0,062	0,314	-0,003	0,013	0,089	FALSE
-0,101	0,313	-0,003	0,009	0,143	FALSE
-0,125	0,305	-0,004	0,009	0,205	FALSE
-0,033	0,311	-0,001	0,008	0,031	FALSE
0,134	0,304	0,006	0,013	0,210	FALSE
0,142	0,301	0,003	0,008	0,179	FALSE
-0,037	0,299	-0,001	0,007	0,057	FALSE
0,004	0,310	0,000	0,008	0,010	FALSE
0,018	0,305	0,000	0,010	0,007	FALSE
-0,083	0,310	-0,003	0,011	0,097	FALSE
-0,043	0,297	-0,001	0,006	0,067	FALSE
0,033	0,303	0,001	0,010	0,038	FALSE
-0,153	0,307	-0,003	0,007	0,187	FALSE
0,240	0,302	0,010	0,012	0,374	FALSE
-0,014	0,296	0,000	0,007	0,009	FALSE
-0,053	0,307	-0,003	0,013	0,074	FALSE
-0,231	0,289	-0,005	0,006	0,350	FALSE
0,029	0,313	0,001	0,008	0,035	FALSE
0,025	0,335	0,001	0,008	0,030	FALSE
-0,028	0,298	-0,001	0,007	0,065	FALSE
-0,137	0,307	-0,004	0,008	0,197	FALSE
-0,232	0,306	-0,008	0,010	0,341	FALSE
-0,056	0,303	-0,001	0,007	0,055	FALSE
-0,072	0,296	-0,002	0,009	0,088	FALSE
-0,057	0,304	-0,001	0,007	0,048	FALSE
0,001	0,310	0,000	0,007	0,006	FALSE
-0,013	0,325	0,000	0,007	0,021	FALSE
-0,038	0,314	-0,002	0,010	0,055	FALSE
0,034	0,311	0,002	0,013	0,059	FALSE
-0,006	0,306	0,000	0,012	0,008	FALSE
-0,028	0,324	-0,001	0,009	0,039	FALSE
-0,047	0,293	-0,003	0,012	0,095	FALSE
0,010	0,320	0,001	0,010	0,022	FALSE
-0,099	0,300	-0,002	0,007	0,095	FALSE
0,065	0,308	0,003	0,012	0,094	FALSE
0,043	0,315	0,002	0,012	0,071	FALSE
-0,172	0,313	-0,005	0,010	0,242	FALSE
0,120	0,309	0,005	0,010	0,212	FALSE
0,166	0,306	0,007	0,013	0,231	FALSE
-0,077	0,319	-0,002	0,009	0,103	FALSE
0,021	0,302	0,001	0,011	0,017	FALSE

0,070	0,304	0,002	0,007	0,103	FALSE
0,001	0,328	0,000	0,011	0,012	FALSE
-0,052	0,310	-0,002	0,010	0,072	FALSE
-0,089	0,311	-0,003	0,011	0,102	FALSE
0,046	0,325	0,001	0,008	0,073	FALSE
0,022	0,314	0,001	0,007	0,033	FALSE
0,047	0,312	0,001	0,007	0,066	FALSE
0,055	0,307	0,001	0,007	0,075	FALSE
-0,014	0,315	0,000	0,008	0,011	FALSE
0,005	0,319	0,000	0,007	0,020	FALSE
-0,039	0,319	-0,001	0,010	0,042	FALSE
-0,037	0,315	-0,001	0,011	0,032	FALSE
0,134	0,306	0,003	0,007	0,202	FALSE
-0,061	0,311	-0,001	0,007	0,083	FALSE
-0,134	0,303	-0,003	0,006	0,193	FALSE
-0,049	0,312	-0,001	0,007	0,058	FALSE
-0,086	0,313	-0,004	0,013	0,116	FALSE
0,016	0,303	0,000	0,012	0,013	FALSE
-0,116	0,303	-0,003	0,009	0,136	FALSE
-0,090	0,316	-0,002	0,009	0,089	FALSE
-0,191	0,302	-0,005	0,008	0,280	FALSE
0,068	0,304	0,002	0,009	0,088	FALSE
0,193	0,302	0,006	0,010	0,292	FALSE
0,041	0,313	0,001	0,009	0,051	FALSE
-0,075	0,307	-0,003	0,013	0,094	FALSE
-0,046	0,305	-0,001	0,010	0,030	FALSE
0,021	0,302	0,000	0,008	0,004	FALSE
0,112	0,295	0,004	0,010	0,174	FALSE
-0,041	0,308	-0,001	0,007	0,040	FALSE
0,057	0,310	0,002	0,008	0,078	FALSE
-0,148	0,294	-0,006	0,012	0,197	FALSE
-0,069	0,298	-0,002	0,010	0,077	FALSE
0,052	0,310	0,002	0,007	0,081	FALSE
-0,119	0,314	-0,002	0,008	0,117	FALSE
-0,097	0,310	-0,002	0,009	0,107	FALSE
0,035	0,294	0,001	0,010	0,040	FALSE
-0,051	0,308	-0,002	0,009	0,100	FALSE
-0,012	0,303	-0,001	0,011	0,040	FALSE
0,013	0,303	0,000	0,007	0,015	FALSE
0,095	0,320	0,003	0,013	0,086	FALSE
-0,002	0,295	-0,001	0,012	0,018	FALSE
0,022	0,300	0,001	0,008	0,041	FALSE
0,036	0,308	0,003	0,013	0,079	FALSE
0,103	0,286	0,003	0,007	0,173	FALSE
0,015	0,292	-0,001	0,010	0,033	FALSE
-0,043	0,314	-0,001	0,012	0,042	FALSE
0,102	0,309	0,003	0,013	0,096	FALSE
0,111	0,302	0,002	0,007	0,113	FALSE
-0,002	0,307	0,000	0,011	0,010	FALSE
0,020	0,306	0,001	0,012	0,019	FALSE
-0,048	0,296	-0,002	0,009	0,075	FALSE
0,004	0,320	0,001	0,009	0,025	FALSE
-0,049	0,315	-0,002	0,010	0,060	FALSE

0,080	0,303	0,002	0,008	0,108	FALSE
0,105	0,300	0,004	0,012	0,148	FALSE
0,030	0,314	0,001	0,010	0,039	FALSE
0,070	0,307	0,002	0,012	0,070	FALSE
0,059	0,307	0,002	0,007	0,089	FALSE
0,059	0,305	0,002	0,010	0,087	FALSE
0,020	0,314	0,001	0,008	0,024	FALSE
0,102	0,310	0,004	0,010	0,136	FALSE
0,036	0,309	0,002	0,011	0,048	FALSE
-0,099	0,301	-0,003	0,009	0,148	FALSE
-0,032	0,316	-0,001	0,007	0,040	FALSE
0,073	0,310	0,001	0,007	0,067	FALSE
-0,129	0,313	-0,006	0,012	0,191	FALSE
0,100	0,299	0,003	0,011	0,118	FALSE
-0,175	0,314	-0,006	0,010	0,258	FALSE
-0,013	0,309	0,000	0,007	0,019	FALSE
0,111	0,305	0,002	0,008	0,117	FALSE
-0,009	0,307	0,000	0,008	0,004	FALSE
0,046	0,293	0,001	0,006	0,047	FALSE
0,039	0,302	0,001	0,007	0,073	FALSE
-0,019	0,300	-0,001	0,012	0,032	FALSE
0,108	0,313	0,003	0,010	0,146	FALSE
-0,020	0,308	0,000	0,007	0,011	FALSE
-0,034	0,308	-0,001	0,007	0,027	FALSE
0,023	0,310	0,001	0,007	0,033	FALSE
-0,193	0,298	-0,007	0,011	0,268	FALSE
0,009	0,316	0,000	0,007	0,023	FALSE
0,004	0,314	0,000	0,007	0,014	FALSE
0,043	0,313	0,002	0,010	0,057	FALSE
-0,041	0,311	-0,001	0,006	0,056	FALSE
0,028	0,303	0,000	0,010	0,015	FALSE
0,030	0,312	0,001	0,012	0,039	FALSE
-0,014	0,301	0,000	0,006	0,003	FALSE
0,048	0,307	0,001	0,007	0,042	FALSE
0,067	0,300	0,002	0,007	0,121	FALSE
-0,069	0,302	-0,002	0,007	0,086	FALSE
0,016	0,304	0,000	0,009	0,008	FALSE
0,032	0,309	0,001	0,008	0,060	FALSE
-0,044	0,303	0,000	0,007	0,016	FALSE
0,150	0,314	0,003	0,008	0,173	FALSE
-0,083	0,312	-0,002	0,007	0,101	FALSE
0,074	0,305	0,002	0,008	0,112	FALSE
-0,050	0,318	-0,001	0,007	0,067	FALSE
-0,147	0,305	-0,005	0,013	0,170	FALSE
-0,013	0,311	0,000	0,010	0,015	FALSE
0,108	0,304	0,003	0,010	0,127	FALSE
0,050	0,306	0,002	0,011	0,061	FALSE
0,050	0,324	0,002	0,013	0,055	FALSE
-0,038	0,296	-0,001	0,011	0,033	FALSE
-0,037	0,299	-0,001	0,012	0,039	FALSE
0,095	0,321	0,003	0,009	0,113	FALSE
-0,078	0,302	-0,003	0,013	0,085	FALSE
0,010	0,306	0,000	0,012	0,007	FALSE

0,135	0,288	0,003	0,007	0,179	FALSE
-0,021	0,317	-0,001	0,011	0,030	FALSE
-0,058	0,306	-0,002	0,012	0,051	FALSE
-0,007	0,304	0,000	0,006	0,017	FALSE
-0,008	0,305	0,000	0,008	0,021	FALSE
0,024	0,302	0,001	0,012	0,024	FALSE
0,106	0,300	0,003	0,007	0,155	FALSE
0,066	0,328	0,002	0,009	0,090	FALSE
-0,056	0,300	-0,003	0,012	0,086	FALSE
-0,055	0,308	-0,001	0,009	0,034	FALSE
0,044	0,309	0,001	0,011	0,025	FALSE
-0,227	0,292	-0,005	0,007	0,333	FALSE
0,073	0,288	0,002	0,012	0,075	FALSE
0,015	0,299	0,000	0,007	0,009	FALSE
-0,006	0,314	0,000	0,008	0,011	FALSE
-0,013	0,322	0,000	0,008	0,015	FALSE
0,027	0,309	0,001	0,007	0,038	FALSE
-0,104	0,291	-0,002	0,006	0,141	FALSE
0,143	0,322	0,003	0,007	0,195	FALSE
-0,011	0,294	0,000	0,007	0,004	FALSE
0,013	0,315	0,000	0,012	0,011	FALSE
0,102	0,316	0,002	0,008	0,103	FALSE
0,174	0,296	0,006	0,010	0,263	FALSE
0,063	0,300	0,003	0,012	0,109	FALSE
0,040	0,326	0,001	0,008	0,054	FALSE
-0,033	0,314	-0,002	0,011	0,051	FALSE
0,037	0,306	0,002	0,011	0,053	FALSE
0,226	0,296	0,009	0,012	0,355	FALSE
-0,121	0,301	-0,003	0,008	0,149	FALSE
-0,003	0,302	0,000	0,007	0,001	FALSE
0,002	0,308	0,000	0,007	0,008	FALSE
-0,014	0,319	-0,001	0,011	0,020	FALSE
-0,101	0,311	-0,003	0,009	0,126	FALSE
-0,027	0,305	-0,001	0,009	0,045	FALSE
-0,093	0,301	-0,003	0,008	0,136	FALSE
-0,040	0,308	-0,001	0,012	0,037	FALSE
-0,125	0,305	-0,005	0,013	0,171	FALSE
-0,032	0,316	-0,001	0,011	0,042	FALSE
0,082	0,290	0,003	0,011	0,097	FALSE
-0,004	0,303	0,000	0,006	0,001	FALSE
-0,009	0,312	0,000	0,006	0,013	FALSE
-0,047	0,305	-0,001	0,008	0,058	FALSE
-0,110	0,299	-0,004	0,011	0,163	FALSE
0,041	0,304	0,001	0,007	0,058	FALSE
0,002	0,318	0,000	0,013	0,006	FALSE
-0,012	0,317	-0,001	0,013	0,027	FALSE
-0,020	0,309	0,000	0,012	0,006	FALSE
0,027	0,298	0,001	0,012	0,024	FALSE
0,086	0,302	0,003	0,011	0,108	FALSE
0,155	0,311	0,006	0,012	0,228	FALSE
0,092	0,306	0,003	0,009	0,107	FALSE
-0,112	0,313	-0,004	0,010	0,137	FALSE
0,085	0,319	0,003	0,012	0,103	FALSE

0,039	0,317	0,002	0,012	0,053	FALSE
-0,072	0,305	-0,002	0,008	0,096	FALSE
-0,096	0,306	-0,003	0,009	0,107	FALSE
-0,012	0,301	-0,001	0,009	0,027	FALSE
-0,075	0,302	-0,001	0,006	0,070	FALSE
0,011	0,313	0,000	0,009	0,011	FALSE
0,070	0,296	0,002	0,007	0,115	FALSE
-0,032	0,294	-0,001	0,011	0,044	FALSE
0,131	0,307	0,004	0,009	0,187	FALSE
0,116	0,306	0,003	0,007	0,169	FALSE
0,022	0,319	0,000	0,013	0,009	FALSE
-0,044	0,329	-0,001	0,008	0,066	FALSE
-0,056	0,310	-0,002	0,012	0,071	FALSE
0,107	0,304	0,005	0,013	0,141	FALSE
0,088	0,310	0,002	0,011	0,077	FALSE
-0,034	0,321	-0,002	0,008	0,070	FALSE
0,024	0,306	0,001	0,007	0,046	FALSE
0,069	0,296	0,001	0,009	0,054	FALSE
-0,011	0,315	0,000	0,010	0,001	FALSE
0,073	0,312	0,002	0,009	0,076	FALSE
-0,109	0,311	-0,002	0,007	0,118	FALSE
-0,002	0,320	0,000	0,008	0,022	FALSE
-0,070	0,310	-0,004	0,012	0,132	FALSE
-0,049	0,294	-0,002	0,009	0,082	FALSE
-0,058	0,301	-0,004	0,012	0,111	FALSE
-0,092	0,304	-0,003	0,013	0,103	FALSE
-0,045	0,308	-0,001	0,007	0,035	FALSE
-0,035	0,324	-0,001	0,013	0,020	FALSE
0,052	0,311	0,002	0,007	0,098	FALSE
0,074	0,317	0,002	0,008	0,082	FALSE
-0,228	0,294	-0,008	0,011	0,339	FALSE
-0,075	0,317	-0,002	0,007	0,094	FALSE
0,013	0,313	0,000	0,007	0,021	FALSE
0,013	0,308	0,001	0,007	0,027	FALSE
0,013	0,300	0,001	0,013	0,024	FALSE
0,039	0,309	0,003	0,013	0,084	FALSE
0,074	0,297	0,003	0,010	0,131	FALSE
0,067	0,320	0,002	0,012	0,074	FALSE
0,058	0,302	0,002	0,009	0,088	FALSE
0,028	0,304	0,000	0,007	0,022	FALSE
0,064	0,309	0,002	0,011	0,060	FALSE
-0,082	0,307	-0,002	0,007	0,078	FALSE
-0,075	0,308	-0,001	0,007	0,073	FALSE
-0,060	0,304	-0,002	0,011	0,056	FALSE
-0,088	0,317	-0,002	0,007	0,113	FALSE
-0,077	0,300	-0,003	0,010	0,123	FALSE
-0,061	0,316	-0,003	0,013	0,075	FALSE
-0,127	0,310	-0,003	0,009	0,163	FALSE
0,029	0,299	0,001	0,013	0,020	FALSE
-0,078	0,305	-0,002	0,008	0,115	FALSE
-0,108	0,306	-0,003	0,008	0,150	FALSE
0,089	0,309	0,003	0,007	0,139	FALSE
-0,075	0,304	-0,003	0,013	0,084	FALSE

-0,023	0,324	-0,001	0,011	0,037	FALSE
0,035	0,311	0,001	0,009	0,046	FALSE
0,043	0,304	0,002	0,011	0,073	FALSE
-0,039	0,319	-0,001	0,011	0,038	FALSE
-0,018	0,318	-0,001	0,014	0,015	FALSE
0,008	0,310	0,000	0,008	0,007	FALSE
-0,046	0,302	-0,002	0,012	0,064	FALSE
0,064	0,289	0,001	0,006	0,060	FALSE
0,066	0,304	0,002	0,012	0,062	FALSE
0,107	0,317	0,004	0,013	0,132	FALSE
0,059	0,309	0,001	0,007	0,072	FALSE
0,063	0,316	0,001	0,006	0,080	FALSE
-0,038	0,312	0,000	0,007	0,017	FALSE
-0,021	0,300	-0,001	0,008	0,039	FALSE
0,072	0,302	0,003	0,010	0,117	FALSE
0,046	0,301	0,001	0,008	0,054	FALSE
0,052	0,303	0,002	0,011	0,066	FALSE
0,058	0,302	0,001	0,008	0,064	FALSE
-0,042	0,304	-0,002	0,013	0,060	FALSE
-0,040	0,313	-0,002	0,013	0,059	FALSE
0,050	0,321	0,001	0,007	0,075	FALSE
0,074	0,311	0,002	0,008	0,091	FALSE
0,069	0,309	0,002	0,008	0,106	FALSE
0,025	0,292	0,001	0,011	0,030	FALSE
-0,029	0,325	0,000	0,008	0,011	FALSE
-0,015	0,311	0,000	0,011	0,016	FALSE
-0,166	0,302	-0,005	0,011	0,196	FALSE
0,035	0,320	0,002	0,013	0,055	FALSE
0,106	0,297	0,003	0,007	0,158	FALSE
0,119	0,293	0,005	0,011	0,200	FALSE
-0,005	0,308	-0,001	0,007	0,027	FALSE
0,008	0,312	0,001	0,013	0,029	FALSE
-0,080	0,302	-0,002	0,007	0,109	FALSE
-0,049	0,300	-0,001	0,010	0,044	FALSE
-0,021	0,292	-0,001	0,012	0,033	FALSE
0,030	0,307	0,000	0,011	0,012	FALSE
-0,140	0,310	-0,004	0,011	0,155	FALSE
-0,023	0,308	0,000	0,009	0,012	FALSE
-0,018	0,292	0,000	0,009	0,003	FALSE
0,044	0,293	0,001	0,007	0,034	FALSE
0,010	0,298	0,000	0,010	0,003	FALSE
-0,051	0,308	-0,001	0,007	0,067	FALSE
-0,060	0,299	-0,001	0,007	0,056	FALSE
0,125	0,307	0,003	0,007	0,143	FALSE
-0,003	0,297	0,000	0,012	0,005	FALSE
-0,069	0,309	-0,002	0,008	0,081	FALSE
-0,054	0,305	-0,002	0,010	0,062	FALSE
-0,063	0,297	-0,002	0,009	0,069	FALSE
0,107	0,292	0,003	0,010	0,112	FALSE
-0,075	0,313	-0,003	0,012	0,095	FALSE
0,087	0,306	0,003	0,009	0,135	FALSE
-0,029	0,318	0,000	0,007	0,015	FALSE
-0,063	0,301	-0,003	0,012	0,088	FALSE

-0,006	0,300	0,000	0,011	0,012	FALSE
0,001	0,321	0,000	0,008	0,007	FALSE
-0,077	0,298	-0,002	0,012	0,076	FALSE
0,135	0,298	0,004	0,009	0,164	FALSE
0,004	0,304	0,000	0,007	0,017	FALSE
-0,069	0,301	-0,002	0,009	0,081	FALSE
0,008	0,306	0,000	0,007	0,020	FALSE
-0,181	0,302	-0,004	0,006	0,262	FALSE
0,023	0,294	0,001	0,009	0,049	FALSE
0,027	0,310	0,001	0,013	0,038	FALSE
0,149	0,306	0,003	0,007	0,215	FALSE
0,094	0,314	0,004	0,012	0,135	FALSE
-0,097	0,304	-0,003	0,008	0,135	FALSE
0,117	0,309	0,005	0,011	0,174	FALSE
0,046	0,294	0,001	0,006	0,048	FALSE
-0,048	0,313	-0,001	0,008	0,055	FALSE
0,026	0,314	0,001	0,013	0,036	FALSE
-0,048	0,299	-0,002	0,009	0,065	FALSE
-0,042	0,308	-0,001	0,007	0,057	FALSE
0,010	0,300	0,001	0,013	0,017	FALSE
-0,095	0,314	-0,003	0,008	0,121	FALSE
0,034	0,298	0,001	0,007	0,053	FALSE
-0,069	0,305	-0,002	0,009	0,076	FALSE
-0,095	0,301	-0,003	0,009	0,131	FALSE
-0,050	0,310	-0,001	0,008	0,064	FALSE
0,084	0,294	0,001	0,006	0,077	FALSE
-0,032	0,316	-0,001	0,007	0,033	FALSE
-0,027	0,317	-0,001	0,008	0,033	FALSE
-0,079	0,318	-0,003	0,012	0,096	FALSE
0,047	0,305	0,002	0,010	0,054	FALSE
-0,021	0,303	0,000	0,006	0,007	FALSE
-0,019	0,304	-0,002	0,012	0,047	FALSE
0,003	0,300	0,000	0,011	0,005	FALSE
-0,056	0,317	-0,001	0,008	0,061	FALSE
-0,156	0,297	-0,007	0,013	0,217	FALSE
-0,081	0,300	-0,003	0,012	0,088	FALSE
-0,034	0,299	-0,001	0,007	0,056	FALSE
0,060	0,300	0,002	0,008	0,088	FALSE
0,051	0,312	0,002	0,011	0,080	FALSE
0,002	0,309	0,000	0,009	0,005	FALSE
0,027	0,300	0,000	0,006	0,023	FALSE
-0,011	0,307	0,000	0,008	0,009	FALSE
-0,002	0,311	0,000	0,007	0,011	FALSE
-0,061	0,305	-0,001	0,008	0,052	FALSE
-0,093	0,314	-0,002	0,009	0,106	FALSE
-0,037	0,300	-0,001	0,011	0,018	FALSE
0,037	0,303	0,001	0,006	0,067	FALSE
-0,025	0,317	-0,001	0,007	0,032	FALSE
0,156	0,302	0,005	0,008	0,238	FALSE
0,023	0,300	0,001	0,006	0,054	FALSE
-0,029	0,303	-0,002	0,008	0,085	FALSE
-0,214	0,295	-0,007	0,010	0,312	FALSE
-0,005	0,312	0,000	0,008	0,008	FALSE

-0,091	0,302	-0,002	0,007	0,125	FALSE
-0,028	0,315	0,000	0,008	0,014	FALSE
-0,139	0,313	-0,003	0,007	0,164	FALSE
0,011	0,301	0,000	0,009	0,009	FALSE
0,007	0,298	0,001	0,012	0,022	FALSE
0,031	0,311	0,001	0,012	0,035	FALSE
0,045	0,308	0,001	0,009	0,042	FALSE
0,050	0,315	0,002	0,007	0,090	FALSE
-0,025	0,314	-0,001	0,011	0,039	FALSE
0,027	0,292	0,002	0,010	0,062	FALSE
0,073	0,315	0,002	0,011	0,064	FALSE
0,021	0,289	0,000	0,009	0,009	FALSE
-0,081	0,307	-0,003	0,010	0,132	FALSE
-0,085	0,318	-0,003	0,010	0,134	FALSE
0,069	0,304	0,004	0,013	0,121	FALSE
-0,045	0,310	-0,003	0,011	0,096	FALSE
-0,099	0,308	-0,004	0,011	0,159	FALSE
-0,134	0,310	-0,007	0,013	0,230	FALSE
-0,011	0,309	-0,001	0,010	0,028	FALSE
-0,017	0,306	-0,001	0,010	0,021	FALSE
0,012	0,314	0,000	0,007	0,015	FALSE
-0,035	0,312	-0,001	0,007	0,063	FALSE
0,053	0,288	0,002	0,007	0,104	FALSE
0,066	0,297	0,001	0,006	0,089	FALSE
0,000	0,319	0,000	0,010	0,008	FALSE
-0,086	0,320	-0,004	0,013	0,123	FALSE
-0,034	0,301	-0,001	0,011	0,043	FALSE
0,123	0,303	0,003	0,007	0,172	FALSE
0,047	0,299	0,001	0,010	0,049	FALSE
0,002	0,310	0,000	0,009	0,005	FALSE
0,039	0,298	0,001	0,010	0,040	FALSE
0,011	0,313	0,000	0,012	0,008	FALSE
-0,002	0,304	-0,001	0,010	0,034	FALSE
-0,074	0,306	-0,002	0,008	0,123	FALSE
0,052	0,303	0,001	0,007	0,037	FALSE
-0,048	0,285	-0,002	0,009	0,075	FALSE
-0,079	0,319	-0,002	0,007	0,093	FALSE
0,157	0,297	0,003	0,006	0,201	FALSE
0,182	0,282	0,004	0,006	0,262	FALSE
0,141	0,307	0,003	0,008	0,153	FALSE
0,156	0,294	0,003	0,008	0,173	FALSE
0,075	0,308	0,002	0,007	0,115	FALSE
-0,167	0,294	-0,004	0,007	0,226	FALSE
-0,017	0,320	-0,001	0,007	0,030	FALSE
0,090	0,299	0,002	0,007	0,135	FALSE
-0,059	0,293	-0,002	0,010	0,069	FALSE
-0,005	0,300	0,000	0,011	0,010	FALSE
-0,111	0,308	-0,002	0,008	0,111	FALSE
-0,097	0,301	-0,002	0,007	0,109	FALSE
-0,084	0,309	-0,002	0,007	0,088	FALSE
0,006	0,311	0,000	0,007	0,019	FALSE
-0,146	0,283	-0,005	0,010	0,212	FALSE
-0,115	0,309	-0,005	0,012	0,171	FALSE

-0,109	0,305	-0,005	0,012	0,180	FALSE
0,021	0,301	0,000	0,010	0,014	FALSE
0,063	0,305	0,001	0,007	0,071	FALSE
0,041	0,300	0,001	0,010	0,050	FALSE
0,022	0,299	0,001	0,010	0,026	FALSE
0,067	0,310	0,003	0,009	0,106	FALSE
-0,055	0,296	-0,002	0,007	0,112	FALSE
-0,056	0,311	-0,002	0,009	0,105	FALSE
0,094	0,298	0,002	0,009	0,092	FALSE
-0,019	0,297	-0,001	0,009	0,029	FALSE
0,188	0,284	0,007	0,012	0,253	FALSE
0,082	0,304	0,002	0,006	0,113	FALSE
0,087	0,309	0,002	0,006	0,099	FALSE
-0,091	0,306	-0,002	0,009	0,092	FALSE
0,005	0,317	0,000	0,013	0,008	FALSE
-0,100	0,296	-0,003	0,008	0,147	FALSE
0,019	0,307	0,000	0,009	0,016	FALSE
0,044	0,301	0,001	0,006	0,044	FALSE
0,024	0,319	0,001	0,010	0,023	FALSE
0,031	0,294	0,001	0,007	0,034	FALSE
-0,035	0,309	-0,001	0,008	0,027	FALSE
0,038	0,303	0,001	0,007	0,080	FALSE
0,039	0,316	0,002	0,009	0,071	FALSE
0,008	0,296	0,000	0,007	0,003	FALSE
0,004	0,300	0,000	0,008	0,008	FALSE
-0,033	0,313	-0,001	0,007	0,030	FALSE
-0,065	0,307	-0,003	0,012	0,091	FALSE
-0,034	0,309	-0,001	0,007	0,036	FALSE
0,022	0,299	0,001	0,007	0,041	FALSE
0,129	0,292	0,004	0,011	0,161	FALSE
-0,103	0,312	-0,003	0,009	0,151	FALSE
0,068	0,308	0,003	0,009	0,128	FALSE
0,044	0,304	0,002	0,007	0,089	FALSE
-0,086	0,291	-0,004	0,012	0,120	FALSE
0,217	0,289	0,008	0,011	0,319	FALSE
0,202	0,275	0,007	0,011	0,296	FALSE
0,057	0,310	0,002	0,013	0,073	FALSE
-0,070	0,314	-0,003	0,010	0,113	FALSE
0,020	0,324	0,001	0,012	0,027	FALSE
0,019	0,319	0,001	0,013	0,025	FALSE
0,013	0,302	0,001	0,012	0,026	FALSE
-0,071	0,316	-0,002	0,011	0,074	FALSE
-0,072	0,307	-0,002	0,010	0,086	FALSE
-0,002	0,313	0,000	0,008	0,021	FALSE
-0,061	0,304	-0,001	0,007	0,066	FALSE
0,001	0,306	0,000	0,010	0,009	FALSE
0,065	0,327	0,002	0,007	0,108	FALSE
0,165	0,298	0,006	0,009	0,262	FALSE
-0,056	0,315	-0,002	0,010	0,073	FALSE
0,109	0,305	0,004	0,010	0,154	FALSE
-0,225	0,282	-0,006	0,008	0,355	FALSE
-0,020	0,315	-0,001	0,008	0,021	FALSE
0,051	0,312	0,002	0,010	0,066	FALSE

-0,036	0,307	-0,002	0,013	0,050	FALSE
-0,098	0,310	-0,003	0,012	0,109	FALSE
0,048	0,310	0,002	0,009	0,085	FALSE
-0,056	0,309	-0,002	0,007	0,087	FALSE
-0,185	0,290	-0,009	0,012	0,321	FALSE
-0,063	0,308	-0,002	0,009	0,062	FALSE
-0,059	0,316	-0,002	0,010	0,062	FALSE
0,051	0,304	0,001	0,007	0,081	FALSE
0,148	0,286	0,006	0,011	0,217	FALSE
0,082	0,302	0,002	0,007	0,111	FALSE
0,084	0,304	0,003	0,009	0,123	FALSE
0,036	0,322	0,001	0,009	0,064	FALSE
-0,083	0,302	-0,002	0,007	0,109	FALSE
0,102	0,297	0,004	0,011	0,147	FALSE
-0,024	0,319	0,000	0,006	0,002	FALSE
-0,054	0,299	-0,002	0,009	0,067	FALSE
-0,078	0,315	-0,003	0,012	0,103	FALSE
-0,033	0,307	-0,001	0,007	0,026	FALSE
-0,060	0,307	-0,001	0,007	0,072	FALSE
-0,080	0,304	-0,003	0,010	0,111	FALSE
0,096	0,312	0,002	0,008	0,107	FALSE
0,065	0,320	0,002	0,008	0,076	FALSE
0,031	0,302	0,000	0,006	0,017	FALSE
0,076	0,320	0,002	0,010	0,082	FALSE
0,043	0,304	0,001	0,009	0,033	FALSE
0,020	0,313	0,000	0,008	0,011	FALSE
-0,027	0,304	0,000	0,007	0,018	FALSE
-0,104	0,308	-0,004	0,011	0,133	FALSE
-0,050	0,316	-0,002	0,013	0,063	FALSE
-0,038	0,294	-0,001	0,010	0,040	FALSE
-0,030	0,300	-0,001	0,011	0,031	FALSE
-0,042	0,302	-0,002	0,012	0,064	FALSE
0,053	0,316	0,001	0,009	0,053	FALSE
0,000	0,318	0,000	0,007	0,014	FALSE
-0,064	0,305	-0,001	0,008	0,061	FALSE
-0,082	0,311	-0,002	0,007	0,111	FALSE
0,125	0,285	0,004	0,007	0,217	FALSE
0,084	0,313	0,003	0,010	0,101	FALSE
-0,037	0,324	-0,001	0,008	0,054	FALSE
0,155	0,323	0,005	0,011	0,203	FALSE
0,026	0,311	0,001	0,007	0,045	FALSE
0,000	0,316	0,000	0,010	0,004	FALSE
0,197	0,286	0,005	0,008	0,304	FALSE
0,032	0,302	0,001	0,011	0,035	FALSE
-0,118	0,314	-0,004	0,008	0,190	FALSE
-0,091	0,297	-0,003	0,008	0,151	FALSE
-0,030	0,306	0,000	0,008	0,009	FALSE
0,004	0,312	0,000	0,011	0,010	TRUE
0,110	0,292	0,003	0,007	0,159	FALSE
0,058	0,310	0,001	0,007	0,067	FALSE
0,055	0,305	0,002	0,008	0,086	FALSE
-0,024	0,300	-0,001	0,011	0,046	FALSE
0,020	0,308	0,000	0,007	0,019	FALSE

-0,064	0,304	-0,002	0,009	0,091	FALSE
0,082	0,301	0,002	0,007	0,122	FALSE
-0,038	0,301	-0,001	0,008	0,069	FALSE
0,120	0,294	0,003	0,008	0,166	FALSE
-0,176	0,312	-0,004	0,008	0,248	FALSE
0,125	0,307	0,003	0,006	0,185	FALSE
-0,034	0,317	-0,001	0,008	0,028	FALSE
0,022	0,296	0,000	0,007	0,007	FALSE
-0,051	0,311	-0,002	0,012	0,059	FALSE
-0,006	0,309	0,000	0,012	0,006	FALSE
0,060	0,308	0,002	0,011	0,062	FALSE
-0,029	0,313	-0,002	0,013	0,068	FALSE
-0,060	0,305	-0,002	0,008	0,103	FALSE
-0,120	0,302	-0,004	0,012	0,151	FALSE
0,135	0,300	0,003	0,007	0,192	FALSE
-0,120	0,300	-0,003	0,007	0,154	FALSE
-0,080	0,305	-0,002	0,008	0,112	FALSE
-0,079	0,302	-0,003	0,009	0,150	FALSE
-0,052	0,307	-0,001	0,008	0,068	FALSE
-0,064	0,314	-0,003	0,012	0,101	FALSE
0,048	0,318	0,003	0,013	0,080	FALSE
-0,020	0,305	-0,001	0,012	0,021	FALSE
0,019	0,317	0,001	0,013	0,027	FALSE
-0,033	0,316	-0,001	0,008	0,053	FALSE
0,083	0,315	0,002	0,008	0,118	FALSE
-0,060	0,313	-0,001	0,008	0,041	FALSE
-0,036	0,300	0,000	0,007	0,023	FALSE
0,056	0,293	0,001	0,006	0,047	FALSE
0,080	0,326	0,002	0,009	0,105	FALSE
-0,021	0,314	0,000	0,012	0,013	FALSE
-0,025	0,312	-0,001	0,012	0,015	FALSE
0,184	0,294	0,004	0,008	0,210	FALSE
-0,107	0,303	-0,003	0,007	0,150	FALSE
-0,070	0,287	-0,001	0,008	0,070	FALSE
0,105	0,321	0,003	0,010	0,134	FALSE
0,041	0,312	0,002	0,013	0,046	FALSE
0,068	0,304	0,002	0,007	0,089	FALSE
0,033	0,315	0,001	0,008	0,031	FALSE
0,050	0,320	0,001	0,009	0,056	FALSE
0,159	0,306	0,005	0,010	0,214	FALSE
-0,049	0,308	-0,002	0,013	0,051	FALSE
0,017	0,313	0,001	0,012	0,021	FALSE
0,085	0,320	0,002	0,007	0,099	FALSE
-0,033	0,316	0,000	0,007	0,019	FALSE
-0,025	0,306	0,000	0,007	0,010	FALSE
-0,070	0,315	-0,002	0,007	0,084	FALSE
-0,078	0,312	-0,003	0,011	0,095	FALSE
-0,026	0,315	0,000	0,008	0,017	FALSE
0,049	0,295	0,001	0,007	0,045	FALSE
0,012	0,321	0,000	0,008	0,005	FALSE
0,057	0,299	0,002	0,009	0,065	FALSE
-0,078	0,304	-0,002	0,011	0,083	FALSE
0,057	0,296	0,001	0,008	0,068	FALSE

-0,133	0,312	-0,006	0,013	0,201	FALSE
-0,014	0,302	-0,001	0,012	0,045	FALSE
-0,061	0,299	-0,002	0,013	0,065	FALSE
0,134	0,291	0,003	0,006	0,184	FALSE
0,014	0,309	0,001	0,007	0,027	FALSE
0,028	0,320	0,001	0,007	0,035	FALSE
0,082	0,309	0,002	0,008	0,082	FALSE
0,056	0,328	0,002	0,011	0,070	FALSE
0,143	0,302	0,003	0,007	0,177	FALSE
-0,013	0,317	0,000	0,012	0,015	FALSE
0,043	0,302	0,002	0,011	0,084	FALSE
0,039	0,320	0,001	0,007	0,039	FALSE
-0,017	0,309	-0,001	0,007	0,027	FALSE
-0,050	0,299	-0,001	0,006	0,062	FALSE
0,083	0,295	0,003	0,012	0,099	FALSE
0,036	0,316	0,001	0,008	0,029	FALSE
-0,028	0,307	-0,001	0,008	0,036	FALSE
0,027	0,317	0,001	0,011	0,039	FALSE
-0,001	0,304	0,000	0,008	0,012	FALSE
-0,154	0,314	-0,004	0,007	0,233	FALSE
0,097	0,300	0,004	0,010	0,145	FALSE
-0,079	0,322	-0,002	0,008	0,071	FALSE
0,063	0,307	0,003	0,011	0,098	FALSE
0,006	0,287	0,000	0,012	0,007	FALSE
-0,073	0,295	-0,004	0,012	0,121	FALSE
-0,057	0,317	-0,002	0,010	0,094	FALSE
-0,070	0,299	-0,002	0,007	0,085	FALSE
0,007	0,314	0,000	0,008	0,017	FALSE
0,106	0,314	0,004	0,010	0,148	FALSE
-0,111	0,301	-0,002	0,007	0,110	FALSE
0,022	0,305	0,001	0,008	0,028	FALSE
-0,040	0,306	-0,001	0,008	0,059	FALSE
0,075	0,311	0,003	0,011	0,088	FALSE
0,069	0,322	0,001	0,009	0,058	FALSE
-0,031	0,298	-0,001	0,007	0,044	FALSE
-0,079	0,298	-0,003	0,011	0,104	FALSE
-0,024	0,316	-0,002	0,012	0,054	FALSE
-0,101	0,305	-0,003	0,008	0,124	FALSE
-0,015	0,322	-0,001	0,012	0,021	FALSE
0,064	0,295	0,001	0,007	0,055	FALSE
0,012	0,302	0,000	0,007	0,005	FALSE
0,024	0,309	0,001	0,010	0,039	FALSE
0,085	0,300	0,003	0,013	0,099	FALSE
0,049	0,309	0,002	0,013	0,055	FALSE
0,142	0,298	0,006	0,012	0,200	FALSE
0,048	0,292	0,002	0,009	0,082	FALSE
-0,026	0,309	-0,001	0,011	0,047	FALSE
-0,028	0,313	-0,001	0,008	0,050	FALSE
0,009	0,312	0,000	0,009	0,002	FALSE
0,113	0,307	0,003	0,010	0,130	FALSE
0,016	0,308	0,001	0,012	0,021	FALSE
-0,058	0,323	-0,001	0,006	0,045	FALSE
0,085	0,316	0,002	0,008	0,114	FALSE

0,096	0,308	0,003	0,007	0,144	FALSE
-0,062	0,310	-0,002	0,010	0,090	FALSE
0,043	0,305	0,001	0,012	0,036	FALSE
0,025	0,310	0,001	0,012	0,029	FALSE
0,021	0,303	0,000	0,012	0,012	FALSE
0,013	0,309	-0,001	0,012	0,019	FALSE
0,065	0,307	0,002	0,008	0,114	FALSE
0,008	0,319	-0,001	0,011	0,017	FALSE
-0,011	0,305	-0,001	0,010	0,027	FALSE
0,049	0,318	0,001	0,007	0,072	FALSE
0,031	0,319	0,001	0,008	0,025	FALSE
0,010	0,311	0,000	0,008	0,005	FALSE
-0,057	0,310	-0,001	0,008	0,068	FALSE
-0,024	0,305	-0,001	0,008	0,031	FALSE
0,038	0,305	0,001	0,012	0,044	FALSE
-0,015	0,305	-0,001	0,008	0,033	FALSE
0,015	0,293	0,000	0,007	0,013	FALSE
-0,042	0,305	0,000	0,006	0,011	FALSE
0,118	0,299	0,004	0,010	0,135	FALSE
-0,058	0,291	-0,002	0,011	0,084	FALSE
0,047	0,304	0,003	0,010	0,100	FALSE
0,066	0,325	0,002	0,007	0,095	FALSE
-0,102	0,303	-0,004	0,012	0,140	FALSE
-0,090	0,314	-0,005	0,013	0,138	FALSE
0,083	0,315	0,004	0,012	0,118	FALSE
0,177	0,303	0,004	0,007	0,241	FALSE
0,099	0,293	0,004	0,012	0,142	FALSE
0,026	0,300	0,002	0,011	0,060	FALSE
0,017	0,311	0,001	0,013	0,038	FALSE
0,025	0,321	0,001	0,011	0,033	FALSE
0,001	0,296	0,001	0,008	0,025	FALSE
-0,003	0,306	0,000	0,013	0,009	FALSE
-0,035	0,304	-0,001	0,010	0,048	FALSE
0,034	0,305	0,001	0,010	0,048	FALSE
0,001	0,318	0,000	0,013	0,010	FALSE
-0,071	0,296	-0,003	0,011	0,100	FALSE
-0,019	0,302	-0,001	0,007	0,034	FALSE
-0,026	0,323	-0,001	0,011	0,037	FALSE
0,127	0,316	0,004	0,010	0,168	FALSE
0,004	0,304	0,000	0,009	0,002	FALSE
0,042	0,307	0,001	0,007	0,038	FALSE
0,043	0,311	0,001	0,008	0,047	FALSE
-0,057	0,320	-0,003	0,013	0,085	FALSE
0,135	0,302	0,005	0,010	0,191	FALSE
-0,037	0,297	-0,001	0,007	0,027	FALSE
-0,022	0,306	-0,001	0,008	0,028	FALSE
0,039	0,291	0,001	0,008	0,071	FALSE
0,017	0,315	0,001	0,008	0,049	FALSE
-0,150	0,299	-0,006	0,012	0,195	FALSE
-0,159	0,302	-0,006	0,011	0,229	FALSE
-0,175	0,297	-0,006	0,011	0,261	FALSE
0,017	0,304	0,001	0,010	0,036	FALSE
-0,065	0,305	-0,001	0,009	0,060	FALSE

-0,099	0,307	-0,004	0,012	0,129	FALSE
-0,200	0,295	-0,008	0,011	0,314	FALSE
0,025	0,306	0,001	0,008	0,024	FALSE
0,019	0,293	0,000	0,008	0,020	FALSE
-0,153	0,317	-0,006	0,011	0,201	FALSE
0,038	0,298	0,001	0,008	0,045	FALSE
-0,055	0,307	-0,001	0,006	0,059	FALSE
-0,047	0,317	-0,001	0,008	0,034	FALSE
-0,022	0,312	0,000	0,012	0,011	FALSE
0,004	0,298	0,000	0,010	0,016	FALSE
0,026	0,317	0,001	0,010	0,020	FALSE
-0,052	0,301	-0,001	0,009	0,047	FALSE
-0,077	0,311	-0,002	0,009	0,071	FALSE
-0,059	0,296	-0,001	0,009	0,044	FALSE
-0,128	0,294	-0,004	0,010	0,141	FALSE
0,152	0,310	0,004	0,009	0,182	FALSE
0,010	0,301	0,000	0,010	0,007	FALSE
0,108	0,306	0,002	0,006	0,148	FALSE
0,058	0,298	0,001	0,007	0,078	FALSE
0,054	0,300	0,002	0,012	0,070	FALSE
0,058	0,322	0,002	0,008	0,071	FALSE
-0,004	0,308	0,000	0,010	0,006	FALSE
-0,018	0,302	0,000	0,008	0,017	FALSE
-0,022	0,291	-0,001	0,008	0,056	FALSE
-0,014	0,299	-0,001	0,010	0,019	FALSE
0,030	0,309	0,001	0,013	0,041	FALSE
0,016	0,307	0,001	0,009	0,038	FALSE
-0,015	0,314	-0,001	0,008	0,023	FALSE
0,093	0,316	0,002	0,007	0,129	FALSE
-0,126	0,319	-0,004	0,011	0,157	FALSE
-0,019	0,301	0,000	0,007	0,019	FALSE
0,017	0,309	0,001	0,008	0,032	FALSE
-0,048	0,303	-0,002	0,010	0,056	FALSE
0,067	0,310	0,002	0,012	0,074	FALSE
0,044	0,302	0,002	0,010	0,062	FALSE
-0,186	0,295	-0,005	0,008	0,268	FALSE
-0,184	0,305	-0,008	0,012	0,288	FALSE
-0,035	0,298	-0,001	0,010	0,022	FALSE
-0,011	0,314	0,000	0,007	0,002	FALSE
0,036	0,311	0,001	0,011	0,027	FALSE
0,050	0,311	0,002	0,012	0,053	FALSE
0,071	0,290	0,003	0,012	0,099	FALSE
0,053	0,297	0,002	0,012	0,062	FALSE
0,007	0,315	0,001	0,013	0,017	FALSE
0,025	0,314	0,001	0,008	0,030	FALSE
-0,002	0,311	0,000	0,012	0,015	FALSE
0,082	0,306	0,003	0,013	0,074	FALSE
0,036	0,291	0,001	0,010	0,041	FALSE
0,001	0,303	0,000	0,008	0,002	FALSE
-0,135	0,309	-0,005	0,011	0,191	FALSE
-0,030	0,323	-0,001	0,010	0,037	FALSE
-0,158	0,273	-0,007	0,012	0,246	FALSE
0,010	0,301	0,000	0,009	0,014	FALSE

-0,169	0,299	-0,004	0,007	0,230	FALSE
0,056	0,296	0,001	0,010	0,049	FALSE
-0,107	0,315	-0,004	0,012	0,150	FALSE
0,044	0,314	0,001	0,009	0,047	FALSE
-0,063	0,325	-0,002	0,010	0,075	FALSE
0,085	0,299	0,002	0,008	0,083	FALSE
-0,085	0,310	-0,002	0,008	0,112	FALSE
-0,064	0,305	-0,002	0,008	0,088	FALSE
0,017	0,303	0,001	0,008	0,039	FALSE
0,010	0,303	0,001	0,010	0,018	FALSE
0,064	0,290	0,001	0,007	0,072	FALSE
-0,023	0,292	-0,001	0,006	0,048	FALSE
0,056	0,309	0,001	0,009	0,056	FALSE
0,118	0,307	0,004	0,010	0,137	FALSE
-0,211	0,313	-0,007	0,010	0,283	FALSE
0,043	0,311	0,000	0,012	0,009	FALSE
-0,195	0,299	-0,006	0,009	0,266	FALSE
0,075	0,304	0,002	0,010	0,074	FALSE
-0,091	0,291	-0,004	0,011	0,156	FALSE
0,097	0,298	0,005	0,012	0,177	FALSE
0,044	0,278	0,003	0,011	0,113	FALSE
0,009	0,292	0,000	0,012	0,007	FALSE
-0,023	0,315	-0,001	0,010	0,053	FALSE
-0,007	0,307	-0,001	0,011	0,018	FALSE
0,048	0,309	0,001	0,007	0,077	FALSE
-0,025	0,314	-0,001	0,010	0,033	FALSE
-0,006	0,318	0,000	0,013	0,005	FALSE
0,042	0,298	0,002	0,009	0,084	FALSE
0,078	0,316	0,003	0,010	0,113	FALSE
0,061	0,292	0,003	0,009	0,122	FALSE
0,066	0,308	0,003	0,012	0,094	FALSE
0,123	0,294	0,004	0,012	0,133	FALSE
0,092	0,300	0,002	0,006	0,149	FALSE
0,053	0,300	0,001	0,012	0,038	FALSE
0,058	0,294	0,002	0,012	0,062	FALSE
0,069	0,292	0,003	0,012	0,088	FALSE
-0,009	0,305	0,000	0,010	0,016	FALSE
-0,116	0,309	-0,003	0,007	0,174	FALSE
-0,181	0,291	-0,007	0,010	0,289	FALSE
-0,106	0,305	-0,004	0,010	0,141	FALSE
-0,129	0,318	-0,004	0,010	0,169	FALSE
-0,033	0,304	-0,002	0,013	0,058	FALSE
-0,068	0,307	-0,003	0,010	0,093	FALSE
0,029	0,319	0,001	0,012	0,044	FALSE
-0,051	0,301	-0,002	0,011	0,061	FALSE
-0,020	0,294	-0,001	0,011	0,039	FALSE
0,126	0,307	0,003	0,008	0,169	FALSE
-0,028	0,302	-0,001	0,008	0,058	FALSE
-0,085	0,311	-0,003	0,010	0,128	FALSE
0,017	0,304	0,001	0,010	0,020	FALSE
0,136	0,310	0,006	0,013	0,206	FALSE
-0,080	0,304	-0,004	0,012	0,125	FALSE
-0,047	0,314	-0,001	0,007	0,051	FALSE

-0,062	0,313	-0,001	0,008	0,052	FALSE
0,109	0,301	0,002	0,006	0,153	FALSE
0,150	0,308	0,003	0,008	0,180	FALSE
-0,050	0,305	-0,001	0,007	0,038	FALSE
-0,135	0,300	-0,005	0,009	0,230	FALSE
-0,232	0,304	-0,005	0,007	0,324	FALSE
-0,125	0,306	-0,004	0,008	0,215	FALSE
0,059	0,300	0,002	0,007	0,095	FALSE
-0,131	0,315	-0,005	0,011	0,183	FALSE
-0,045	0,314	-0,001	0,009	0,023	FALSE
-0,053	0,300	-0,001	0,008	0,054	FALSE
0,097	0,307	0,002	0,007	0,142	FALSE
0,061	0,300	0,001	0,008	0,066	FALSE
0,084	0,307	0,002	0,008	0,088	FALSE
0,037	0,307	0,001	0,007	0,031	FALSE
0,014	0,320	0,000	0,010	0,009	FALSE
0,058	0,304	0,002	0,007	0,084	FALSE
-0,024	0,302	0,000	0,007	0,001	FALSE
-0,042	0,309	-0,002	0,013	0,049	FALSE
-0,106	0,301	-0,004	0,011	0,151	FALSE
0,073	0,317	0,002	0,008	0,109	FALSE
-0,078	0,306	-0,004	0,012	0,120	FALSE
-0,029	0,309	-0,001	0,012	0,019	FALSE
0,076	0,306	0,002	0,007	0,126	FALSE
-0,103	0,313	-0,002	0,007	0,118	FALSE
-0,092	0,290	-0,003	0,011	0,118	FALSE
0,038	0,313	0,001	0,008	0,069	FALSE
-0,044	0,306	-0,001	0,010	0,044	FALSE
-0,077	0,305	-0,002	0,010	0,087	FALSE
0,017	0,303	0,000	0,010	0,012	FALSE
-0,060	0,297	-0,001	0,006	0,067	FALSE
0,069	0,301	0,002	0,007	0,094	FALSE
0,022	0,308	0,000	0,009	0,004	FALSE
-0,039	0,318	-0,002	0,013	0,049	FALSE
0,015	0,304	0,000	0,013	0,009	FALSE
0,020	0,311	0,000	0,012	0,006	FALSE
-0,066	0,285	-0,002	0,013	0,056	FALSE
-0,097	0,303	-0,002	0,008	0,089	FALSE
0,002	0,294	0,000	0,008	0,005	FALSE
-0,026	0,307	0,000	0,010	0,012	FALSE
0,084	0,315	0,002	0,007	0,092	FALSE
-0,183	0,304	-0,007	0,013	0,238	FALSE
0,070	0,288	0,003	0,012	0,097	FALSE
0,061	0,291	0,003	0,012	0,087	FALSE
0,018	0,304	0,000	0,011	0,013	FALSE
-0,075	0,296	-0,003	0,010	0,105	FALSE
-0,069	0,312	-0,001	0,008	0,061	FALSE
-0,066	0,311	-0,003	0,012	0,106	FALSE
-0,090	0,312	-0,004	0,011	0,130	FALSE
-0,012	0,315	0,000	0,008	0,010	FALSE
0,037	0,323	0,001	0,007	0,038	FALSE
0,107	0,310	0,004	0,011	0,149	FALSE
0,056	0,313	0,001	0,007	0,045	FALSE

0,072	0,293	0,001	0,007	0,059	FALSE
-0,106	0,317	-0,003	0,010	0,132	FALSE
0,021	0,313	0,000	0,008	0,019	FALSE
0,026	0,307	0,000	0,007	0,004	FALSE
-0,039	0,296	-0,002	0,012	0,066	FALSE
-0,042	0,313	-0,002	0,012	0,053	FALSE
0,055	0,299	0,001	0,007	0,061	FALSE
0,042	0,316	0,001	0,007	0,051	FALSE
-0,045	0,312	-0,001	0,012	0,043	FALSE
-0,043	0,311	-0,001	0,007	0,036	FALSE
0,011	0,310	0,000	0,009	0,019	FALSE
-0,054	0,299	-0,002	0,007	0,094	FALSE
0,025	0,307	0,000	0,007	0,001	FALSE
0,061	0,298	0,001	0,008	0,066	FALSE
-0,014	0,298	0,000	0,008	0,012	FALSE
-0,105	0,317	-0,002	0,007	0,119	FALSE
0,047	0,309	0,002	0,012	0,076	FALSE
0,049	0,301	0,002	0,008	0,078	FALSE
-0,009	0,306	0,001	0,012	0,022	FALSE
0,018	0,304	0,000	0,012	0,002	FALSE
0,040	0,294	0,001	0,007	0,025	FALSE
0,034	0,304	0,000	0,007	0,015	FALSE
0,018	0,303	0,001	0,008	0,032	FALSE
0,044	0,306	0,001	0,008	0,059	FALSE
-0,076	0,304	-0,003	0,010	0,110	FALSE
-0,060	0,318	-0,001	0,007	0,052	FALSE
-0,083	0,313	-0,003	0,011	0,105	FALSE
0,027	0,314	0,000	0,013	0,013	FALSE
0,029	0,304	0,001	0,009	0,025	FALSE
0,147	0,301	0,004	0,008	0,228	FALSE
0,030	0,313	0,001	0,013	0,025	FALSE
-0,032	0,300	-0,002	0,012	0,046	FALSE
0,032	0,308	0,001	0,010	0,028	FALSE
0,030	0,316	0,001	0,010	0,037	FALSE
0,023	0,314	0,000	0,006	0,027	FALSE
-0,002	0,309	0,000	0,011	0,006	FALSE
0,097	0,317	0,003	0,011	0,124	FALSE
-0,164	0,310	-0,004	0,007	0,233	FALSE
0,124	0,313	0,004	0,010	0,144	FALSE
-0,073	0,314	-0,002	0,008	0,094	FALSE
-0,082	0,302	-0,003	0,012	0,115	FALSE
-0,058	0,314	-0,002	0,008	0,082	FALSE
-0,195	0,314	-0,007	0,011	0,290	FALSE
0,023	0,311	0,001	0,008	0,034	FALSE
-0,033	0,304	-0,002	0,008	0,070	FALSE
-0,004	0,303	0,000	0,012	0,002	FALSE
-0,020	0,309	-0,001	0,008	0,027	FALSE
-0,107	0,309	-0,004	0,010	0,162	FALSE
-0,001	0,321	0,000	0,008	0,006	FALSE
-0,033	0,308	-0,001	0,009	0,035	FALSE
-0,025	0,307	0,000	0,008	0,005	FALSE
-0,008	0,301	0,000	0,011	0,010	FALSE
-0,011	0,294	0,000	0,007	0,000	FALSE

-0,027	0,322	-0,001	0,012	0,016	FALSE
-0,020	0,316	0,000	0,008	0,014	FALSE
-0,096	0,309	-0,002	0,008	0,111	FALSE
-0,043	0,313	-0,002	0,010	0,062	FALSE
-0,050	0,306	-0,002	0,007	0,085	FALSE
-0,096	0,301	-0,002	0,008	0,111	FALSE
-0,055	0,299	-0,003	0,012	0,080	FALSE
0,008	0,308	0,000	0,013	0,012	FALSE
0,019	0,312	0,001	0,008	0,047	FALSE
-0,007	0,298	0,000	0,008	0,009	FALSE
-0,009	0,301	0,000	0,007	0,005	FALSE
-0,017	0,316	0,000	0,007	0,007	FALSE
-0,020	0,311	-0,001	0,007	0,040	FALSE
-0,010	0,303	-0,001	0,010	0,035	FALSE
-0,108	0,304	-0,003	0,009	0,133	FALSE
-0,032	0,306	-0,001	0,007	0,070	FALSE
-0,129	0,312	-0,004	0,008	0,193	FALSE
0,011	0,306	-0,001	0,009	0,020	FALSE
0,025	0,314	0,000	0,008	0,000	FALSE
-0,164	0,306	-0,005	0,008	0,259	FALSE
0,028	0,297	0,000	0,008	0,020	FALSE
0,091	0,303	0,005	0,013	0,147	FALSE
0,002	0,312	0,000	0,011	0,003	FALSE
0,063	0,308	0,002	0,008	0,092	FALSE
0,040	0,300	0,001	0,006	0,050	FALSE
-0,092	0,310	-0,004	0,011	0,145	FALSE
-0,058	0,311	-0,003	0,013	0,075	FALSE
0,058	0,305	0,002	0,007	0,092	FALSE
0,021	0,307	0,001	0,012	0,017	FALSE
0,133	0,313	0,005	0,011	0,185	FALSE
-0,096	0,303	-0,003	0,009	0,111	FALSE
0,084	0,329	0,004	0,013	0,106	FALSE
-0,044	0,305	-0,002	0,010	0,063	FALSE
-0,032	0,311	-0,002	0,010	0,056	FALSE
0,014	0,308	0,001	0,011	0,028	FALSE
-0,115	0,307	-0,004	0,010	0,155	FALSE
-0,128	0,299	-0,004	0,009	0,173	FALSE
-0,132	0,284	-0,006	0,013	0,192	FALSE
0,065	0,302	0,002	0,011	0,054	FALSE
-0,031	0,312	-0,001	0,013	0,024	FALSE
0,006	0,303	0,000	0,008	0,009	FALSE
-0,082	0,314	-0,002	0,011	0,083	FALSE
-0,012	0,306	0,000	0,011	0,014	FALSE
0,055	0,302	0,001	0,007	0,057	FALSE
-0,068	0,306	-0,002	0,012	0,071	FALSE
0,088	0,311	0,003	0,011	0,116	FALSE
-0,001	0,299	0,000	0,006	0,021	FALSE
0,138	0,310	0,004	0,008	0,195	FALSE
-0,086	0,301	-0,005	0,013	0,139	FALSE
-0,054	0,315	-0,001	0,007	0,038	FALSE
-0,115	0,311	-0,004	0,010	0,155	FALSE
0,111	0,307	0,003	0,008	0,140	FALSE
-0,047	0,308	0,000	0,008	0,022	FALSE

0,034	0,301	0,002	0,010	0,077	FALSE
-0,099	0,318	-0,004	0,012	0,121	FALSE
0,123	0,305	0,003	0,009	0,157	FALSE
0,031	0,304	0,002	0,010	0,065	FALSE
-0,073	0,296	-0,002	0,006	0,127	FALSE
0,019	0,297	0,000	0,008	0,020	FALSE
-0,050	0,304	-0,001	0,007	0,028	FALSE
0,073	0,306	0,002	0,007	0,119	FALSE
-0,029	0,311	-0,002	0,012	0,061	FALSE
-0,035	0,300	-0,003	0,011	0,091	FALSE
-0,045	0,312	-0,001	0,010	0,046	FALSE
0,073	0,305	0,003	0,010	0,112	FALSE
0,035	0,305	0,000	0,011	0,003	FALSE
0,035	0,314	0,002	0,011	0,051	FALSE
0,052	0,303	0,001	0,008	0,041	FALSE
0,165	0,306	0,004	0,008	0,223	FALSE
-0,090	0,299	-0,002	0,007	0,090	FALSE
-0,073	0,311	-0,001	0,008	0,068	FALSE
-0,099	0,303	-0,002	0,008	0,124	FALSE
0,202	0,291	0,006	0,009	0,311	FALSE
-0,114	0,293	-0,004	0,011	0,159	FALSE
0,040	0,317	0,001	0,010	0,041	FALSE
0,013	0,311	0,000	0,012	0,006	FALSE
0,012	0,314	0,001	0,007	0,032	FALSE
0,021	0,318	0,000	0,007	0,005	FALSE
0,044	0,294	0,001	0,008	0,041	FALSE
0,092	0,306	0,002	0,007	0,092	FALSE
-0,013	0,311	0,000	0,012	0,003	FALSE
-0,036	0,313	-0,001	0,007	0,042	FALSE
0,053	0,320	0,002	0,011	0,059	FALSE
-0,092	0,298	-0,004	0,011	0,141	FALSE
0,058	0,307	0,003	0,011	0,087	FALSE
0,050	0,305	0,001	0,006	0,055	FALSE
0,051	0,296	0,001	0,006	0,085	FALSE
-0,096	0,306	-0,004	0,012	0,140	FALSE
-0,104	0,301	-0,002	0,007	0,123	FALSE
0,114	0,289	0,004	0,010	0,172	FALSE
0,095	0,301	0,003	0,008	0,158	FALSE
0,040	0,296	0,000	0,010	0,016	FALSE
-0,004	0,301	0,001	0,007	0,029	FALSE
0,040	0,302	0,001	0,010	0,031	FALSE
0,013	0,319	0,000	0,010	0,010	FALSE
0,077	0,317	0,003	0,009	0,128	FALSE
0,048	0,309	0,001	0,006	0,068	FALSE
0,047	0,320	0,002	0,008	0,082	FALSE
-0,043	0,312	-0,001	0,011	0,018	FALSE
-0,113	0,315	-0,003	0,007	0,146	FALSE
-0,056	0,298	0,000	0,007	0,024	FALSE
0,152	0,288	0,004	0,007	0,283	FALSE
0,008	0,322	0,000	0,007	0,003	FALSE
-0,021	0,327	0,000	0,007	0,017	FALSE
0,037	0,301	0,001	0,007	0,028	FALSE
0,052	0,302	0,001	0,007	0,077	FALSE

0,074	0,305	0,002	0,008	0,087	FALSE
0,067	0,303	0,001	0,006	0,076	FALSE
0,010	0,304	0,000	0,008	0,023	FALSE
-0,030	0,306	-0,001	0,009	0,043	FALSE
0,030	0,319	0,001	0,013	0,041	FALSE
0,099	0,298	0,004	0,011	0,154	FALSE
-0,042	0,302	-0,001	0,009	0,034	FALSE
0,056	0,316	0,003	0,013	0,095	FALSE
0,020	0,306	0,001	0,007	0,027	FALSE
-0,123	0,313	-0,005	0,011	0,174	FALSE
-0,166	0,309	-0,003	0,007	0,195	FALSE
-0,097	0,315	-0,005	0,013	0,144	FALSE
0,074	0,299	0,004	0,012	0,125	FALSE
0,024	0,308	0,001	0,010	0,048	FALSE
-0,043	0,304	-0,002	0,010	0,071	FALSE
-0,040	0,305	-0,001	0,011	0,046	FALSE
-0,070	0,318	-0,003	0,012	0,085	FALSE
-0,064	0,321	-0,002	0,012	0,079	FALSE
-0,090	0,317	-0,004	0,012	0,120	FALSE
-0,161	0,296	-0,007	0,013	0,229	FALSE
0,015	0,306	0,001	0,007	0,026	FALSE
-0,127	0,296	-0,003	0,006	0,164	FALSE
-0,118	0,316	-0,005	0,013	0,149	FALSE
-0,137	0,311	-0,005	0,012	0,183	FALSE
0,162	0,310	0,006	0,011	0,243	FALSE
0,103	0,308	0,003	0,008	0,157	FALSE
-0,056	0,308	-0,001	0,007	0,071	FALSE
0,011	0,319	0,000	0,007	0,003	FALSE
-0,069	0,304	-0,002	0,009	0,094	FALSE
0,010	0,303	0,000	0,010	0,004	FALSE
0,027	0,307	0,001	0,010	0,019	FALSE
0,023	0,325	0,001	0,012	0,040	FALSE
0,034	0,299	0,001	0,009	0,045	FALSE
0,051	0,305	0,002	0,012	0,061	FALSE
-0,072	0,300	-0,001	0,006	0,083	FALSE
-0,007	0,314	0,000	0,007	0,002	FALSE
-0,032	0,306	-0,001	0,009	0,043	FALSE
-0,089	0,297	-0,002	0,009	0,096	FALSE
0,037	0,307	0,001	0,008	0,037	FALSE
-0,101	0,307	-0,003	0,009	0,109	FALSE
-0,094	0,313	-0,002	0,007	0,130	FALSE
-0,067	0,290	-0,001	0,009	0,053	FALSE
-0,062	0,315	-0,003	0,012	0,102	FALSE
-0,005	0,306	0,000	0,008	0,009	FALSE
0,045	0,314	0,002	0,009	0,061	FALSE
-0,102	0,292	-0,004	0,009	0,150	FALSE
0,044	0,309	0,000	0,007	0,014	FALSE
0,030	0,304	0,001	0,010	0,029	FALSE
-0,020	0,321	0,000	0,008	0,022	FALSE
-0,078	0,306	-0,002	0,008	0,081	FALSE
0,000	0,315	0,000	0,011	0,006	FALSE
0,015	0,299	0,000	0,007	0,005	FALSE
-0,045	0,320	-0,001	0,008	0,049	FALSE

0,065	0,301	0,002	0,009	0,099	FALSE
0,217	0,288	0,004	0,006	0,314	FALSE
0,058	0,303	0,002	0,007	0,104	FALSE
0,026	0,296	0,000	0,009	0,008	FALSE
0,046	0,310	0,002	0,011	0,062	FALSE
-0,067	0,316	-0,002	0,009	0,093	FALSE
-0,058	0,314	-0,002	0,009	0,080	FALSE
-0,011	0,316	0,000	0,008	0,008	FALSE
-0,006	0,297	0,000	0,007	0,021	FALSE
0,109	0,310	0,003	0,008	0,137	FALSE
0,112	0,297	0,004	0,012	0,143	FALSE
-0,074	0,310	-0,003	0,013	0,100	FALSE
0,133	0,313	0,006	0,013	0,186	FALSE
-0,096	0,294	-0,005	0,013	0,144	FALSE
-0,122	0,300	-0,005	0,012	0,169	FALSE
0,098	0,304	0,003	0,009	0,152	FALSE
-0,092	0,311	-0,004	0,011	0,146	FALSE
0,053	0,308	0,003	0,012	0,084	FALSE
-0,131	0,312	-0,004	0,008	0,191	FALSE
0,130	0,303	0,005	0,012	0,179	FALSE
0,002	0,304	0,000	0,007	0,011	FALSE
0,136	0,303	0,005	0,010	0,210	FALSE
-0,163	0,306	-0,007	0,012	0,234	FALSE
0,033	0,304	0,001	0,006	0,044	FALSE
-0,007	0,295	0,000	0,006	0,007	FALSE
0,019	0,303	0,001	0,007	0,047	FALSE
-0,047	0,294	-0,002	0,009	0,097	FALSE
-0,092	0,309	-0,003	0,011	0,101	FALSE
-0,024	0,322	-0,001	0,012	0,031	FALSE
-0,111	0,296	-0,003	0,008	0,131	FALSE
-0,049	0,309	-0,001	0,011	0,037	FALSE
0,089	0,296	0,002	0,008	0,105	FALSE
-0,056	0,308	-0,002	0,009	0,091	FALSE
-0,180	0,317	-0,007	0,012	0,253	FALSE
0,005	0,311	0,000	0,009	0,015	FALSE
0,051	0,310	0,002	0,011	0,060	FALSE
-0,019	0,301	0,000	0,011	0,007	FALSE
0,015	0,306	0,000	0,007	0,003	FALSE
-0,072	0,306	-0,003	0,012	0,090	FALSE
0,019	0,301	0,001	0,010	0,028	FALSE
0,001	0,311	0,000	0,010	0,008	FALSE
-0,171	0,284	-0,007	0,012	0,270	FALSE
0,084	0,301	0,003	0,013	0,089	FALSE
-0,054	0,297	-0,001	0,007	0,081	FALSE
0,027	0,300	0,001	0,011	0,046	FALSE
0,126	0,301	0,005	0,010	0,193	FALSE
0,064	0,322	0,002	0,010	0,071	FALSE
0,045	0,296	0,001	0,007	0,053	FALSE
-0,055	0,299	-0,003	0,013	0,101	FALSE
-0,165	0,306	-0,007	0,013	0,237	FALSE
-0,152	0,289	-0,004	0,009	0,214	FALSE
-0,038	0,288	-0,001	0,012	0,026	FALSE
-0,052	0,296	-0,002	0,012	0,048	FALSE

0,010	0,312	0,001	0,013	0,034	FALSE
-0,006	0,299	0,000	0,012	0,008	FALSE
0,031	0,308	0,001	0,008	0,063	FALSE
-0,029	0,298	-0,001	0,012	0,027	FALSE
-0,138	0,309	-0,004	0,009	0,180	FALSE
-0,104	0,311	-0,004	0,010	0,150	FALSE
-0,059	0,300	-0,002	0,009	0,093	FALSE
-0,075	0,299	-0,002	0,008	0,103	FALSE
-0,176	0,299	-0,004	0,008	0,230	FALSE
-0,127	0,300	-0,004	0,009	0,162	FALSE
-0,091	0,288	-0,003	0,008	0,136	FALSE
0,063	0,293	0,002	0,008	0,085	FALSE
0,155	0,301	0,005	0,008	0,243	FALSE
-0,006	0,310	0,000	0,008	0,004	FALSE
0,059	0,320	0,002	0,006	0,101	FALSE
0,045	0,310	0,001	0,006	0,084	FALSE
0,044	0,315	0,001	0,006	0,074	FALSE
-0,027	0,320	0,000	0,008	0,013	FALSE
0,113	0,303	0,004	0,010	0,153	FALSE
0,065	0,306	0,002	0,008	0,091	FALSE
0,024	0,303	0,000	0,007	0,003	FALSE
0,044	0,319	0,002	0,009	0,064	FALSE
-0,085	0,302	-0,002	0,008	0,100	FALSE
-0,068	0,292	-0,002	0,011	0,074	FALSE
0,021	0,298	0,001	0,008	0,041	FALSE
0,027	0,290	0,000	0,009	0,020	FALSE
0,119	0,287	0,005	0,012	0,162	FALSE
-0,013	0,301	0,000	0,009	0,018	FALSE
0,005	0,296	0,001	0,009	0,056	FALSE
-0,008	0,308	0,000	0,009	0,014	FALSE
0,017	0,306	0,001	0,007	0,026	FALSE
-0,108	0,287	-0,004	0,012	0,133	FALSE
-0,043	0,313	-0,001	0,008	0,065	FALSE
0,080	0,312	0,003	0,010	0,108	FALSE
-0,016	0,314	-0,001	0,012	0,029	FALSE
-0,063	0,324	-0,003	0,012	0,080	FALSE
0,129	0,311	0,003	0,007	0,174	FALSE
0,004	0,304	0,000	0,009	0,001	FALSE
0,099	0,316	0,003	0,010	0,126	FALSE
-0,096	0,294	-0,003	0,008	0,169	FALSE
-0,098	0,292	-0,004	0,008	0,178	FALSE
-0,076	0,295	-0,003	0,008	0,131	FALSE
-0,008	0,302	-0,001	0,010	0,040	FALSE
-0,102	0,311	-0,002	0,007	0,107	FALSE
0,018	0,310	0,000	0,011	0,008	FALSE
-0,047	0,295	-0,001	0,012	0,044	FALSE
-0,043	0,303	-0,001	0,013	0,038	FALSE
-0,027	0,306	-0,001	0,012	0,015	FALSE
0,004	0,306	0,001	0,008	0,026	FALSE
0,010	0,318	0,001	0,013	0,022	FALSE
-0,080	0,325	-0,003	0,009	0,127	FALSE
0,153	0,299	0,004	0,009	0,216	FALSE
-0,060	0,292	-0,003	0,012	0,095	FALSE

-0,034	0,305	-0,002	0,012	0,071	FALSE
0,099	0,329	0,004	0,010	0,134	FALSE
-0,095	0,316	-0,003	0,010	0,136	FALSE
0,030	0,312	0,001	0,013	0,018	FALSE
-0,045	0,308	-0,001	0,012	0,038	FALSE
0,004	0,310	0,000	0,012	0,004	FALSE
0,079	0,300	0,003	0,013	0,092	FALSE
0,027	0,316	0,001	0,012	0,020	FALSE
0,003	0,309	0,000	0,012	0,000	FALSE
0,001	0,312	0,000	0,012	0,005	FALSE
0,041	0,312	0,002	0,013	0,049	FALSE
0,103	0,311	0,004	0,013	0,134	FALSE
0,085	0,316	0,004	0,013	0,106	FALSE
-0,030	0,305	0,000	0,008	0,007	FALSE
-0,028	0,299	0,000	0,008	0,001	FALSE
-0,105	0,303	-0,004	0,013	0,137	FALSE
-0,022	0,305	0,000	0,011	0,008	FALSE
-0,027	0,304	0,000	0,011	0,014	FALSE
-0,031	0,311	-0,001	0,010	0,031	FALSE
-0,067	0,308	-0,002	0,007	0,096	FALSE
0,098	0,301	0,002	0,008	0,121	FALSE
0,023	0,319	0,001	0,012	0,019	FALSE
-0,004	0,322	0,000	0,010	0,008	FALSE
0,047	0,319	0,002	0,012	0,059	FALSE
-0,077	0,298	-0,003	0,012	0,086	FALSE
-0,078	0,300	-0,003	0,012	0,081	FALSE
-0,081	0,295	-0,003	0,013	0,076	FALSE
-0,088	0,309	-0,002	0,010	0,084	FALSE
0,140	0,311	0,005	0,010	0,190	FALSE
-0,100	0,324	-0,003	0,007	0,136	FALSE
-0,112	0,321	-0,003	0,007	0,155	FALSE
0,071	0,307	0,002	0,013	0,069	FALSE
0,007	0,300	0,000	0,008	0,004	FALSE
0,037	0,301	0,001	0,009	0,021	FALSE
0,085	0,295	0,002	0,008	0,077	FALSE
0,005	0,296	0,000	0,007	0,010	FALSE
-0,047	0,303	-0,001	0,007	0,037	FALSE
0,013	0,315	0,000	0,007	0,022	FALSE
-0,050	0,301	-0,002	0,009	0,067	FALSE
-0,177	0,312	-0,008	0,013	0,264	FALSE
0,060	0,312	0,001	0,007	0,060	FALSE
0,018	0,312	0,000	0,011	0,007	FALSE
0,057	0,308	0,001	0,009	0,058	FALSE
0,088	0,305	0,002	0,008	0,114	FALSE
-0,007	0,301	0,000	0,008	0,011	FALSE
0,019	0,302	0,000	0,008	0,004	FALSE
0,048	0,294	0,002	0,008	0,095	FALSE
0,212	0,290	0,009	0,013	0,328	FALSE
0,052	0,305	0,001	0,007	0,074	FALSE
0,056	0,297	0,001	0,006	0,050	FALSE
-0,032	0,310	0,000	0,007	0,020	FALSE
-0,040	0,309	-0,001	0,007	0,032	FALSE
-0,037	0,321	-0,001	0,007	0,030	FALSE

-0,037	0,316	-0,001	0,007	0,036	FALSE
0,018	0,309	0,000	0,009	0,015	FALSE
-0,023	0,297	-0,001	0,010	0,026	FALSE
0,030	0,306	0,001	0,008	0,064	FALSE
0,063	0,299	0,003	0,013	0,084	FALSE
0,040	0,301	0,001	0,012	0,040	FALSE
0,052	0,322	0,002	0,013	0,042	FALSE
0,053	0,301	0,002	0,006	0,097	FALSE
-0,057	0,311	-0,002	0,012	0,052	FALSE
-0,048	0,315	-0,003	0,013	0,085	FALSE
-0,115	0,307	-0,004	0,011	0,123	FALSE
-0,114	0,304	-0,002	0,007	0,132	FALSE
-0,005	0,294	-0,001	0,012	0,040	FALSE
0,003	0,295	-0,001	0,013	0,040	FALSE
0,076	0,298	0,002	0,010	0,071	FALSE
0,100	0,307	0,004	0,011	0,126	FALSE
-0,093	0,302	-0,004	0,013	0,138	FALSE
-0,048	0,299	-0,001	0,006	0,063	FALSE
-0,067	0,301	-0,004	0,012	0,118	FALSE
0,026	0,310	0,001	0,011	0,019	FALSE
-0,019	0,310	-0,001	0,007	0,031	FALSE
-0,008	0,310	-0,001	0,010	0,034	FALSE
0,070	0,291	0,002	0,007	0,077	FALSE
-0,013	0,316	0,000	0,007	0,008	FALSE
0,090	0,316	0,004	0,013	0,110	FALSE
0,071	0,315	0,002	0,011	0,065	FALSE
-0,100	0,291	-0,003	0,007	0,156	FALSE
-0,037	0,293	-0,002	0,009	0,081	FALSE
0,092	0,299	0,003	0,010	0,112	FALSE
-0,068	0,313	-0,001	0,008	0,054	FALSE
-0,074	0,304	-0,002	0,008	0,082	FALSE
0,007	0,295	0,000	0,008	0,002	FALSE
0,082	0,299	0,003	0,009	0,131	FALSE
-0,040	0,299	-0,002	0,010	0,061	FALSE
-0,021	0,304	0,000	0,008	0,001	FALSE
-0,032	0,320	-0,001	0,008	0,023	FALSE
-0,011	0,304	-0,001	0,012	0,039	FALSE
0,140	0,303	0,006	0,012	0,202	FALSE
0,143	0,303	0,007	0,012	0,231	FALSE
0,091	0,303	0,005	0,012	0,152	FALSE
-0,117	0,309	-0,005	0,013	0,163	FALSE
-0,083	0,291	-0,002	0,007	0,087	FALSE
-0,068	0,306	-0,001	0,006	0,090	FALSE
0,014	0,310	0,001	0,010	0,027	FALSE
0,041	0,320	0,002	0,009	0,070	FALSE
0,021	0,304	0,001	0,007	0,035	FALSE
-0,068	0,310	-0,001	0,007	0,069	FALSE
-0,069	0,314	-0,003	0,013	0,096	FALSE
0,025	0,303	0,000	0,006	0,018	FALSE
0,062	0,295	0,001	0,007	0,068	FALSE
0,026	0,306	0,001	0,007	0,029	FALSE
0,064	0,306	0,002	0,010	0,086	FALSE
0,053	0,312	0,001	0,008	0,054	FALSE

-0,036	0,301	-0,001	0,007	0,047	FALSE
-0,008	0,302	0,000	0,007	0,011	FALSE
-0,020	0,304	0,000	0,008	0,016	FALSE
-0,055	0,300	-0,002	0,013	0,059	FALSE
-0,087	0,306	-0,003	0,013	0,098	FALSE
-0,086	0,309	-0,001	0,007	0,082	FALSE
-0,095	0,312	-0,004	0,010	0,156	FALSE
-0,090	0,302	-0,004	0,013	0,131	FALSE
-0,029	0,314	-0,001	0,007	0,041	FALSE
0,062	0,300	0,002	0,008	0,087	FALSE
0,061	0,313	0,002	0,010	0,069	FALSE
-0,027	0,304	-0,001	0,012	0,033	FALSE
0,015	0,321	0,000	0,013	0,012	FALSE
0,069	0,309	0,002	0,007	0,082	FALSE
-0,060	0,309	-0,002	0,009	0,068	FALSE
0,007	0,294	0,000	0,010	0,004	FALSE
-0,045	0,300	-0,002	0,012	0,073	FALSE
0,064	0,314	0,001	0,007	0,073	FALSE
-0,064	0,302	-0,001	0,007	0,078	FALSE
0,000	0,307	0,000	0,007	0,012	FALSE
0,035	0,305	0,001	0,010	0,053	FALSE
-0,032	0,305	-0,002	0,011	0,061	FALSE
-0,081	0,307	-0,003	0,010	0,103	FALSE
-0,048	0,304	-0,002	0,012	0,076	FALSE
-0,033	0,311	-0,001	0,009	0,034	FALSE
-0,028	0,314	-0,001	0,011	0,016	FALSE
0,091	0,312	0,004	0,011	0,142	FALSE
0,017	0,323	0,001	0,010	0,019	FALSE
0,029	0,313	0,001	0,012	0,036	FALSE
0,076	0,318	0,002	0,010	0,097	FALSE
0,026	0,302	0,001	0,008	0,031	FALSE
0,007	0,304	0,000	0,008	0,005	FALSE
-0,041	0,300	-0,002	0,013	0,047	FALSE
-0,023	0,289	-0,001	0,011	0,042	FALSE
-0,061	0,300	-0,002	0,008	0,101	FALSE
-0,025	0,314	-0,001	0,009	0,040	FALSE
-0,116	0,312	-0,005	0,011	0,176	FALSE
-0,016	0,316	0,000	0,008	0,019	FALSE
-0,114	0,306	-0,005	0,013	0,156	FALSE
0,012	0,298	0,001	0,011	0,017	FALSE
-0,067	0,304	-0,002	0,013	0,052	FALSE
-0,053	0,315	-0,001	0,009	0,052	FALSE
0,015	0,311	0,001	0,011	0,022	FALSE
-0,058	0,296	-0,002	0,010	0,069	FALSE
-0,068	0,299	-0,002	0,007	0,089	FALSE
0,019	0,313	0,001	0,013	0,033	FALSE
0,197	0,304	0,005	0,007	0,281	FALSE
0,198	0,299	0,005	0,008	0,291	FALSE
0,195	0,299	0,005	0,008	0,282	FALSE
0,179	0,293	0,006	0,009	0,271	FALSE
-0,009	0,308	0,000	0,010	0,001	FALSE
-0,036	0,318	-0,001	0,008	0,045	FALSE
-0,060	0,304	-0,001	0,009	0,053	FALSE

0,078	0,318	0,002	0,007	0,111	FALSE
-0,018	0,318	0,000	0,007	0,012	FALSE
-0,031	0,314	-0,001	0,011	0,041	FALSE
-0,009	0,328	0,000	0,013	0,007	FALSE
0,089	0,302	0,003	0,012	0,111	FALSE
0,125	0,308	0,004	0,009	0,170	FALSE
-0,011	0,307	0,000	0,011	0,015	FALSE
0,019	0,300	0,000	0,006	0,019	FALSE
-0,007	0,311	0,000	0,013	0,009	FALSE
-0,003	0,304	0,000	0,012	0,002	FALSE
0,134	0,311	0,003	0,007	0,156	FALSE
0,003	0,321	0,000	0,007	0,002	FALSE
0,025	0,306	0,001	0,006	0,030	FALSE
-0,066	0,310	-0,001	0,007	0,079	FALSE
-0,045	0,308	-0,002	0,013	0,066	FALSE
-0,050	0,289	-0,001	0,006	0,081	FALSE
-0,028	0,304	-0,001	0,009	0,042	FALSE
-0,018	0,314	-0,001	0,010	0,025	FALSE
-0,064	0,318	-0,002	0,010	0,070	FALSE
-0,101	0,303	-0,002	0,007	0,109	FALSE
0,026	0,315	0,001	0,012	0,033	FALSE
0,107	0,299	0,004	0,012	0,130	FALSE
0,135	0,313	0,006	0,013	0,189	FALSE
0,171	0,307	0,007	0,013	0,252	FALSE
-0,019	0,298	-0,001	0,009	0,029	FALSE
-0,050	0,309	-0,002	0,013	0,054	FALSE
-0,050	0,314	-0,002	0,012	0,056	FALSE
0,061	0,297	0,001	0,008	0,060	FALSE
-0,071	0,295	-0,003	0,011	0,089	FALSE
0,036	0,308	0,001	0,012	0,037	FALSE
-0,030	0,307	-0,001	0,008	0,036	FALSE
0,021	0,305	0,000	0,007	0,014	FALSE
0,007	0,303	0,000	0,009	0,003	FALSE
0,087	0,294	0,004	0,012	0,130	FALSE
-0,013	0,298	-0,001	0,010	0,018	FALSE
-0,166	0,309	-0,005	0,009	0,243	FALSE
-0,087	0,311	-0,003	0,012	0,109	FALSE
0,005	0,311	-0,001	0,013	0,020	FALSE
0,031	0,324	0,002	0,012	0,045	FALSE
-0,046	0,318	-0,001	0,008	0,024	FALSE
0,009	0,317	0,000	0,006	0,002	FALSE
0,123	0,299	0,004	0,010	0,165	FALSE
0,088	0,297	0,002	0,009	0,099	FALSE
0,010	0,318	0,001	0,013	0,017	FALSE
-0,041	0,295	-0,002	0,010	0,055	FALSE
-0,029	0,306	-0,001	0,010	0,037	FALSE
0,011	0,302	0,000	0,008	0,013	FALSE
0,043	0,319	0,001	0,011	0,047	FALSE
-0,044	0,314	-0,002	0,012	0,061	FALSE
0,096	0,288	0,002	0,007	0,118	FALSE
0,043	0,305	0,002	0,012	0,076	FALSE
0,028	0,316	0,001	0,008	0,047	FALSE
-0,091	0,292	-0,002	0,007	0,127	FALSE

0,005	0,302	0,000	0,012	0,004	FALSE
-0,133	0,293	-0,003	0,006	0,175	FALSE
0,026	0,295	0,002	0,012	0,045	FALSE
0,032	0,303	0,000	0,009	0,012	FALSE
-0,031	0,286	-0,001	0,008	0,070	FALSE
0,135	0,306	0,003	0,007	0,173	FALSE
0,043	0,297	0,001	0,010	0,049	FALSE
0,033	0,317	0,001	0,008	0,029	FALSE
-0,081	0,315	-0,002	0,006	0,098	FALSE
-0,011	0,297	0,000	0,010	0,015	FALSE
0,030	0,297	0,001	0,008	0,038	FALSE
0,034	0,308	0,001	0,009	0,036	FALSE
-0,105	0,286	-0,004	0,008	0,172	FALSE
-0,114	0,300	-0,004	0,009	0,174	FALSE
0,028	0,302	0,002	0,013	0,066	FALSE
-0,075	0,307	-0,001	0,007	0,079	FALSE
0,060	0,302	0,003	0,009	0,103	FALSE
0,055	0,311	0,002	0,007	0,085	FALSE
-0,087	0,296	-0,002	0,007	0,119	FALSE
-0,146	0,306	-0,005	0,008	0,231	FALSE
-0,136	0,304	-0,004	0,009	0,209	FALSE
-0,163	0,306	-0,005	0,009	0,229	FALSE
-0,082	0,314	-0,001	0,006	0,083	FALSE
-0,045	0,294	-0,001	0,006	0,035	FALSE
0,031	0,325	0,001	0,008	0,032	FALSE
-0,047	0,296	-0,002	0,012	0,070	FALSE
0,016	0,313	0,001	0,009	0,034	FALSE
-0,055	0,318	-0,002	0,007	0,086	FALSE
0,023	0,307	0,001	0,007	0,035	FALSE
0,086	0,296	0,003	0,010	0,114	FALSE
-0,075	0,310	-0,002	0,008	0,113	FALSE
-0,089	0,308	-0,002	0,009	0,087	FALSE
-0,081	0,312	-0,003	0,011	0,096	FALSE
-0,163	0,308	-0,006	0,011	0,220	FALSE
0,183	0,292	0,007	0,012	0,265	FALSE
-0,171	0,304	-0,006	0,011	0,243	FALSE
-0,044	0,313	-0,001	0,006	0,046	FALSE
-0,033	0,321	-0,001	0,007	0,032	FALSE
0,041	0,304	0,001	0,007	0,075	FALSE
-0,042	0,311	0,000	0,007	0,024	FALSE
-0,053	0,306	-0,003	0,012	0,100	FALSE
-0,153	0,317	-0,005	0,009	0,210	FALSE
-0,101	0,318	-0,003	0,008	0,121	FALSE
0,059	0,302	0,002	0,011	0,066	FALSE
0,144	0,304	0,004	0,009	0,177	FALSE
-0,059	0,300	-0,002	0,009	0,075	FALSE
-0,063	0,300	-0,002	0,009	0,067	FALSE
-0,077	0,319	-0,002	0,011	0,074	FALSE
-0,065	0,306	-0,001	0,008	0,067	FALSE
-0,049	0,306	-0,002	0,012	0,059	FALSE
-0,039	0,300	-0,002	0,011	0,050	FALSE
-0,011	0,307	0,000	0,011	0,014	FALSE
0,006	0,306	0,000	0,012	0,010	FALSE

0,108	0,291	0,004	0,010	0,168	FALSE
0,083	0,300	0,003	0,010	0,123	FALSE
-0,112	0,315	-0,003	0,009	0,146	FALSE
-0,003	0,305	0,000	0,007	0,003	FALSE
0,161	0,303	0,006	0,013	0,199	FALSE
0,051	0,322	0,002	0,010	0,075	FALSE
-0,068	0,315	-0,002	0,009	0,070	FALSE
0,188	0,309	0,006	0,010	0,282	FALSE
-0,049	0,303	-0,002	0,011	0,054	FALSE
0,044	0,296	0,002	0,011	0,071	FALSE
0,041	0,325	0,001	0,008	0,054	FALSE
0,003	0,307	0,000	0,008	0,002	FALSE
-0,066	0,314	-0,002	0,008	0,112	FALSE
-0,017	0,309	0,000	0,007	0,018	FALSE
0,054	0,299	0,002	0,011	0,076	FALSE
0,011	0,293	0,000	0,008	0,017	FALSE
0,016	0,308	0,000	0,009	0,013	FALSE
0,000	0,313	0,000	0,010	0,010	FALSE
0,008	0,303	0,001	0,006	0,031	FALSE
0,102	0,299	0,003	0,009	0,147	FALSE
0,084	0,305	0,003	0,009	0,128	FALSE
0,067	0,297	0,002	0,009	0,096	FALSE
-0,085	0,302	-0,002	0,009	0,104	FALSE
-0,050	0,311	-0,002	0,008	0,073	FALSE
-0,074	0,299	-0,001	0,007	0,066	FALSE
-0,033	0,304	-0,001	0,009	0,055	FALSE
-0,114	0,311	-0,005	0,012	0,157	FALSE
0,027	0,310	0,000	0,010	0,014	FALSE
-0,003	0,311	0,000	0,013	0,001	FALSE
-0,015	0,301	0,000	0,009	0,005	FALSE
0,030	0,301	0,001	0,007	0,049	FALSE
-0,103	0,322	-0,004	0,012	0,113	FALSE
-0,048	0,297	-0,001	0,010	0,051	FALSE
0,070	0,302	0,002	0,008	0,075	FALSE
0,030	0,309	0,000	0,008	0,019	FALSE
0,074	0,288	0,002	0,011	0,070	FALSE
0,053	0,298	0,001	0,010	0,029	FALSE
0,048	0,310	0,002	0,013	0,051	FALSE
-0,024	0,293	-0,001	0,008	0,072	FALSE
-0,121	0,305	-0,003	0,008	0,137	FALSE
0,036	0,300	0,000	0,008	0,023	FALSE
0,101	0,318	0,002	0,007	0,136	FALSE
0,229	0,289	0,009	0,012	0,331	FALSE
0,128	0,307	0,004	0,011	0,152	FALSE
-0,010	0,320	0,000	0,007	0,017	FALSE
0,010	0,299	0,002	0,013	0,059	FALSE
-0,041	0,292	-0,001	0,012	0,023	FALSE
-0,066	0,298	-0,001	0,012	0,046	FALSE
-0,065	0,305	-0,002	0,013	0,070	FALSE
0,116	0,308	0,004	0,012	0,139	FALSE
0,097	0,306	0,004	0,012	0,121	FALSE
0,010	0,316	0,000	0,009	0,015	FALSE
-0,047	0,311	-0,001	0,012	0,042	FALSE

-0,010	0,294	0,000	0,010	0,013	FALSE
-0,038	0,293	-0,001	0,011	0,036	FALSE
0,114	0,306	0,003	0,007	0,148	FALSE
-0,008	0,297	0,000	0,007	0,017	FALSE
-0,023	0,301	0,000	0,007	0,000	FALSE
0,055	0,326	0,001	0,008	0,044	FALSE
-0,122	0,312	-0,003	0,008	0,178	FALSE
0,028	0,319	0,001	0,007	0,036	FALSE
-0,009	0,301	0,000	0,007	0,012	FALSE
-0,126	0,299	-0,005	0,010	0,209	FALSE
0,007	0,310	0,000	0,008	0,018	FALSE
0,019	0,311	0,001	0,009	0,037	FALSE
0,073	0,311	0,003	0,010	0,114	FALSE
0,070	0,307	0,002	0,007	0,110	FALSE
0,027	0,294	0,001	0,007	0,062	FALSE
0,043	0,303	0,001	0,010	0,047	FALSE
0,082	0,312	0,003	0,011	0,101	FALSE
0,051	0,309	0,002	0,008	0,080	FALSE
0,088	0,307	0,003	0,010	0,132	FALSE
-0,069	0,295	-0,003	0,010	0,109	FALSE
-0,020	0,313	-0,001	0,007	0,028	FALSE
0,112	0,306	0,004	0,010	0,175	FALSE
-0,134	0,315	-0,005	0,011	0,171	FALSE
0,033	0,292	0,001	0,008	0,052	FALSE
0,072	0,298	0,002	0,008	0,106	FALSE
-0,117	0,304	-0,005	0,010	0,203	FALSE
0,035	0,312	0,001	0,007	0,051	FALSE
-0,107	0,319	-0,006	0,013	0,178	FALSE
0,028	0,283	0,001	0,008	0,051	FALSE
-0,190	0,307	-0,004	0,007	0,247	FALSE
-0,227	0,296	-0,009	0,012	0,359	FALSE
-0,132	0,294	-0,005	0,009	0,236	FALSE
0,117	0,301	0,003	0,007	0,168	FALSE
0,104	0,298	0,005	0,012	0,147	FALSE
-0,168	0,303	-0,004	0,008	0,208	FALSE
0,067	0,323	0,002	0,009	0,102	FALSE
0,021	0,312	0,001	0,009	0,053	FALSE
-0,191	0,307	-0,005	0,008	0,265	FALSE
-0,036	0,303	-0,001	0,007	0,045	FALSE
0,083	0,313	0,002	0,010	0,090	FALSE
-0,221	0,289	-0,007	0,010	0,354	FALSE
0,139	0,311	0,005	0,011	0,193	FALSE
-0,045	0,307	-0,002	0,011	0,062	FALSE
0,008	0,312	0,001	0,011	0,021	FALSE
-0,106	0,315	-0,003	0,008	0,128	FALSE
-0,062	0,307	-0,003	0,011	0,113	FALSE
-0,054	0,318	-0,002	0,013	0,066	FALSE
-0,045	0,318	-0,001	0,008	0,038	FALSE
-0,018	0,307	-0,001	0,012	0,018	FALSE
-0,071	0,302	-0,003	0,012	0,087	FALSE
0,092	0,301	0,003	0,010	0,110	FALSE
-0,037	0,315	-0,001	0,009	0,029	FALSE
0,042	0,311	0,001	0,012	0,046	FALSE

-0,084	0,318	-0,005	0,012	0,166	FALSE
-0,026	0,311	-0,001	0,009	0,027	FALSE
-0,024	0,311	0,000	0,007	0,023	FALSE
0,009	0,311	0,000	0,007	0,020	FALSE
-0,057	0,307	-0,001	0,007	0,083	FALSE
-0,005	0,308	-0,001	0,013	0,015	FALSE
-0,038	0,313	-0,002	0,011	0,082	FALSE
-0,026	0,290	-0,001	0,006	0,032	FALSE
0,030	0,320	0,001	0,011	0,036	FALSE
-0,018	0,315	0,000	0,008	0,001	FALSE
-0,051	0,298	-0,002	0,009	0,073	FALSE
0,070	0,295	0,002	0,012	0,057	FALSE
-0,005	0,297	0,000	0,010	0,008	FALSE
-0,035	0,299	-0,001	0,006	0,038	FALSE
-0,002	0,314	0,000	0,012	0,011	FALSE
0,040	0,313	0,001	0,007	0,044	FALSE
0,056	0,314	0,001	0,007	0,059	FALSE
0,078	0,303	0,003	0,008	0,125	FALSE
0,023	0,317	0,000	0,010	0,015	FALSE
-0,127	0,314	-0,004	0,008	0,182	FALSE
-0,132	0,325	-0,004	0,009	0,170	FALSE
-0,103	0,310	-0,003	0,012	0,094	FALSE
-0,104	0,312	-0,003	0,009	0,148	FALSE
-0,119	0,303	-0,004	0,009	0,184	FALSE
-0,077	0,312	-0,003	0,009	0,120	FALSE
0,015	0,303	0,001	0,011	0,048	FALSE
-0,077	0,297	-0,002	0,006	0,094	FALSE
0,020	0,313	0,001	0,013	0,042	FALSE
0,041	0,316	0,002	0,013	0,057	FALSE
0,093	0,319	0,004	0,012	0,128	FALSE
0,044	0,310	0,002	0,012	0,064	FALSE
0,059	0,313	0,002	0,013	0,068	FALSE
-0,094	0,299	-0,002	0,007	0,116	FALSE
0,111	0,302	0,004	0,012	0,141	FALSE
0,074	0,313	0,003	0,012	0,088	FALSE
0,075	0,301	0,002	0,011	0,075	FALSE
0,033	0,292	0,002	0,011	0,068	FALSE
0,048	0,295	0,001	0,007	0,058	FALSE
0,251	0,287	0,009	0,011	0,395	FALSE
0,179	0,287	0,006	0,010	0,245	FALSE
0,128	0,303	0,003	0,008	0,166	FALSE
0,114	0,311	0,003	0,008	0,138	FALSE
0,150	0,287	0,003	0,007	0,183	FALSE
0,117	0,312	0,003	0,008	0,133	FALSE
0,052	0,318	0,001	0,008	0,055	FALSE
-0,053	0,300	-0,002	0,008	0,100	FALSE
-0,085	0,327	-0,002	0,009	0,081	FALSE
-0,060	0,304	-0,002	0,010	0,068	FALSE
-0,006	0,316	0,000	0,007	0,005	FALSE
-0,111	0,298	-0,004	0,010	0,136	FALSE
-0,234	0,307	-0,006	0,008	0,356	FALSE
-0,060	0,315	-0,001	0,007	0,069	FALSE
-0,127	0,303	-0,004	0,011	0,158	FALSE

0,013	0,296	0,001	0,008	0,034	FALSE
0,105	0,298	0,003	0,012	0,098	FALSE
0,044	0,301	0,001	0,009	0,055	FALSE
-0,045	0,322	-0,001	0,008	0,037	FALSE
0,056	0,324	0,001	0,013	0,041	FALSE
0,054	0,297	0,002	0,008	0,073	FALSE
-0,067	0,306	-0,003	0,012	0,108	FALSE
0,036	0,321	0,002	0,013	0,055	FALSE
-0,078	0,302	-0,002	0,009	0,102	FALSE
0,068	0,309	0,002	0,008	0,092	FALSE
0,039	0,306	0,002	0,010	0,074	FALSE
-0,100	0,300	-0,002	0,007	0,125	FALSE
0,131	0,311	0,004	0,010	0,172	FALSE
-0,037	0,289	-0,001	0,012	0,023	FALSE
-0,121	0,300	-0,005	0,013	0,161	FALSE
0,062	0,304	0,001	0,007	0,078	FALSE
0,017	0,320	0,001	0,008	0,030	FALSE
-0,020	0,310	0,000	0,009	0,013	FALSE
0,078	0,312	0,002	0,009	0,089	FALSE
0,058	0,305	0,002	0,008	0,112	FALSE
0,048	0,308	0,001	0,010	0,037	FALSE
0,066	0,316	0,001	0,007	0,077	FALSE
0,043	0,303	0,001	0,007	0,043	FALSE
-0,045	0,297	-0,002	0,013	0,055	FALSE
-0,030	0,310	-0,001	0,013	0,033	FALSE
-0,016	0,316	-0,001	0,008	0,042	FALSE
-0,113	0,294	-0,003	0,008	0,167	FALSE
0,111	0,323	0,002	0,007	0,126	FALSE
-0,005	0,313	-0,001	0,008	0,030	FALSE
0,011	0,295	0,000	0,010	0,014	FALSE
-0,092	0,312	-0,004	0,011	0,142	FALSE
0,040	0,309	0,002	0,009	0,065	FALSE
0,070	0,307	0,002	0,009	0,077	FALSE
-0,100	0,306	-0,003	0,007	0,149	FALSE
-0,001	0,305	0,000	0,010	0,013	FALSE
-0,015	0,310	-0,001	0,013	0,023	FALSE
-0,049	0,307	-0,002	0,010	0,063	FALSE
-0,076	0,300	-0,002	0,007	0,095	FALSE
-0,075	0,301	-0,002	0,007	0,102	FALSE
0,159	0,292	0,005	0,009	0,229	FALSE
0,160	0,296	0,006	0,013	0,217	FALSE
0,020	0,305	0,001	0,011	0,018	FALSE
-0,009	0,300	0,000	0,006	0,002	FALSE
-0,047	0,322	-0,001	0,009	0,031	FALSE
-0,014	0,293	0,000	0,009	0,004	FALSE
-0,070	0,317	-0,002	0,009	0,079	FALSE
0,088	0,290	0,004	0,011	0,141	FALSE
0,108	0,313	0,002	0,006	0,136	FALSE
-0,159	0,299	-0,006	0,013	0,203	FALSE
-0,114	0,299	-0,004	0,013	0,124	FALSE
-0,113	0,301	-0,004	0,012	0,122	FALSE
-0,050	0,291	-0,002	0,012	0,054	FALSE
0,127	0,299	0,005	0,012	0,160	FALSE

0,058	0,315	0,002	0,008	0,083	FALSE
0,052	0,311	0,002	0,007	0,077	FALSE
0,024	0,308	0,001	0,006	0,041	FALSE
0,021	0,308	0,000	0,008	0,008	FALSE
0,005	0,308	0,001	0,011	0,017	FALSE
0,146	0,306	0,003	0,006	0,230	FALSE
-0,089	0,305	-0,004	0,012	0,135	FALSE
-0,101	0,306	-0,002	0,007	0,131	FALSE
0,026	0,309	0,000	0,008	0,000	FALSE
-0,005	0,306	0,000	0,011	0,011	FALSE
-0,089	0,313	-0,003	0,011	0,113	FALSE
0,024	0,306	0,001	0,008	0,041	FALSE
-0,004	0,304	0,000	0,007	0,006	FALSE
-0,036	0,316	-0,001	0,011	0,044	FALSE
0,047	0,316	0,002	0,010	0,083	FALSE
0,137	0,308	0,006	0,012	0,213	FALSE
-0,032	0,309	0,000	0,011	0,014	FALSE
0,100	0,301	0,002	0,006	0,136	FALSE
0,047	0,299	0,001	0,009	0,020	FALSE
0,070	0,316	0,002	0,010	0,064	FALSE
-0,186	0,302	-0,007	0,012	0,246	FALSE
0,097	0,303	0,004	0,012	0,125	FALSE
-0,079	0,299	-0,002	0,011	0,075	FALSE
-0,057	0,325	-0,001	0,011	0,045	FALSE
0,036	0,298	0,001	0,007	0,047	FALSE
-0,059	0,307	-0,002	0,008	0,078	FALSE
-0,088	0,313	-0,002	0,008	0,091	FALSE
0,042	0,290	0,000	0,009	0,016	FALSE
-0,051	0,307	-0,001	0,010	0,032	FALSE
0,041	0,302	0,002	0,012	0,064	FALSE
-0,044	0,310	-0,001	0,008	0,050	FALSE
0,030	0,302	0,001	0,007	0,070	FALSE
0,017	0,306	0,001	0,007	0,044	FALSE
0,041	0,310	0,002	0,012	0,066	FALSE
0,020	0,297	0,001	0,008	0,031	FALSE
0,066	0,310	0,002	0,007	0,089	FALSE
-0,029	0,314	-0,001	0,012	0,032	FALSE
-0,020	0,316	0,000	0,007	0,003	FALSE
-0,051	0,310	-0,001	0,007	0,049	FALSE
-0,025	0,294	-0,001	0,008	0,034	FALSE
-0,075	0,289	-0,002	0,010	0,087	FALSE
0,001	0,311	0,000	0,009	0,013	FALSE
0,065	0,290	0,001	0,007	0,044	FALSE
0,027	0,302	0,001	0,012	0,044	FALSE
0,048	0,314	0,002	0,008	0,094	FALSE
0,007	0,317	0,001	0,013	0,017	FALSE
0,000	0,296	0,000	0,011	0,004	FALSE
0,086	0,309	0,002	0,009	0,103	FALSE
-0,042	0,298	-0,001	0,009	0,037	FALSE
0,007	0,298	0,001	0,009	0,024	FALSE
0,048	0,303	0,001	0,010	0,045	FALSE
-0,036	0,300	-0,001	0,007	0,060	FALSE
0,015	0,322	0,000	0,011	0,005	FALSE

0,014	0,294	0,001	0,010	0,048	FALSE
-0,012	0,308	0,001	0,011	0,023	FALSE
0,132	0,302	0,003	0,006	0,174	FALSE
0,123	0,307	0,003	0,009	0,150	FALSE
0,128	0,323	0,004	0,011	0,152	FALSE
0,034	0,305	0,001	0,009	0,031	FALSE
0,136	0,303	0,003	0,006	0,175	FALSE
0,071	0,308	0,002	0,010	0,089	FALSE
-0,210	0,298	-0,005	0,007	0,310	TRUE
-0,005	0,298	0,000	0,010	0,004	FALSE
0,031	0,309	0,000	0,007	0,026	FALSE
-0,060	0,293	-0,002	0,006	0,099	FALSE
0,030	0,309	0,001	0,007	0,048	FALSE
0,030	0,303	0,001	0,011	0,049	FALSE
0,136	0,308	0,004	0,008	0,174	FALSE
-0,023	0,302	0,000	0,009	0,020	FALSE
0,032	0,313	0,001	0,008	0,031	FALSE
0,022	0,310	0,001	0,007	0,025	FALSE
0,081	0,300	0,003	0,013	0,076	FALSE
-0,042	0,301	-0,002	0,012	0,060	FALSE
0,031	0,306	0,001	0,010	0,043	FALSE
0,049	0,295	0,002	0,012	0,076	FALSE
0,037	0,297	0,001	0,009	0,031	FALSE
0,011	0,308	0,000	0,010	0,001	FALSE
-0,007	0,299	0,000	0,007	0,005	FALSE
-0,014	0,295	-0,001	0,007	0,032	FALSE
-0,010	0,299	0,000	0,010	0,005	FALSE
-0,005	0,302	0,000	0,006	0,020	FALSE
-0,013	0,307	0,000	0,006	0,001	FALSE
-0,032	0,304	-0,002	0,013	0,045	FALSE
0,011	0,320	0,000	0,007	0,020	FALSE
0,067	0,310	0,002	0,012	0,061	FALSE
0,078	0,308	0,003	0,012	0,079	FALSE
0,016	0,302	0,001	0,010	0,039	FALSE
-0,093	0,299	-0,004	0,012	0,136	FALSE
0,005	0,312	0,001	0,009	0,029	FALSE
0,064	0,308	0,003	0,011	0,097	FALSE
-0,123	0,316	-0,005	0,013	0,154	FALSE
-0,055	0,308	-0,001	0,007	0,070	FALSE
0,076	0,311	0,003	0,013	0,102	FALSE
-0,081	0,320	-0,003	0,010	0,096	FALSE
-0,076	0,304	-0,003	0,010	0,095	FALSE
-0,066	0,309	-0,001	0,008	0,045	FALSE
0,045	0,314	0,003	0,012	0,077	FALSE
0,011	0,304	0,001	0,012	0,030	FALSE
0,062	0,304	0,003	0,011	0,101	FALSE
0,032	0,305	0,002	0,012	0,069	FALSE
-0,116	0,310	-0,004	0,012	0,147	FALSE
0,063	0,294	0,002	0,011	0,058	FALSE
0,072	0,310	0,002	0,012	0,070	FALSE
0,086	0,295	0,003	0,011	0,093	FALSE
-0,027	0,312	-0,001	0,009	0,053	FALSE
-0,030	0,301	0,000	0,006	0,021	FALSE

0,081	0,287	0,002	0,012	0,074	FALSE
-0,197	0,298	-0,004	0,007	0,246	FALSE
0,190	0,286	0,006	0,011	0,233	FALSE
-0,125	0,310	-0,003	0,008	0,149	FALSE
-0,050	0,306	-0,001	0,012	0,030	FALSE
-0,060	0,304	-0,002	0,008	0,080	FALSE
0,020	0,303	0,001	0,010	0,031	FALSE
0,037	0,301	0,001	0,007	0,053	FALSE
0,096	0,303	0,003	0,010	0,126	FALSE
0,079	0,288	0,003	0,009	0,113	FALSE
-0,020	0,298	0,000	0,007	0,000	FALSE
0,020	0,307	0,001	0,013	0,033	FALSE
0,101	0,310	0,003	0,010	0,134	FALSE
-0,106	0,299	-0,002	0,008	0,126	FALSE
0,056	0,308	0,001	0,007	0,063	FALSE
-0,003	0,308	0,000	0,010	0,001	FALSE
-0,067	0,299	-0,003	0,011	0,093	FALSE
0,101	0,298	0,005	0,011	0,170	FALSE
-0,135	0,304	-0,003	0,006	0,195	FALSE
0,025	0,310	0,001	0,006	0,036	FALSE
-0,001	0,297	0,000	0,010	0,002	FALSE
-0,027	0,328	-0,001	0,011	0,021	FALSE
0,045	0,307	0,001	0,011	0,045	FALSE
0,046	0,309	0,001	0,008	0,036	FALSE
0,038	0,326	0,001	0,008	0,051	FALSE
0,059	0,304	0,002	0,010	0,058	FALSE
-0,005	0,315	0,000	0,013	0,012	FALSE
0,020	0,310	0,001	0,010	0,041	FALSE
0,089	0,321	0,003	0,010	0,116	FALSE
0,057	0,303	0,002	0,012	0,049	FALSE
-0,023	0,309	-0,001	0,010	0,027	FALSE
-0,028	0,288	-0,001	0,006	0,069	FALSE
0,041	0,312	0,001	0,006	0,062	FALSE
-0,027	0,311	-0,001	0,013	0,031	FALSE
0,019	0,317	0,001	0,009	0,043	FALSE
0,008	0,309	0,001	0,008	0,041	FALSE
0,049	0,304	0,002	0,008	0,099	FALSE
0,020	0,306	0,001	0,008	0,055	FALSE
0,052	0,306	0,003	0,010	0,106	FALSE
0,108	0,294	0,005	0,010	0,186	FALSE
0,064	0,308	0,003	0,010	0,113	FALSE
0,013	0,312	0,001	0,012	0,030	FALSE
0,060	0,306	0,003	0,010	0,110	FALSE
0,019	0,297	0,000	0,009	0,003	FALSE
0,057	0,314	0,002	0,009	0,093	FALSE
-0,074	0,304	-0,002	0,008	0,098	FALSE
-0,003	0,303	0,000	0,008	0,011	FALSE
-0,055	0,295	-0,001	0,006	0,066	FALSE
0,020	0,298	0,001	0,009	0,055	FALSE
0,030	0,302	0,000	0,009	0,009	FALSE
-0,128	0,309	-0,003	0,007	0,171	FALSE
-0,087	0,321	-0,003	0,009	0,108	FALSE
0,012	0,321	0,000	0,006	0,009	FALSE

0,049	0,313	0,001	0,006	0,040	FALSE
0,073	0,325	0,002	0,009	0,071	FALSE
0,050	0,311	0,002	0,010	0,066	FALSE
-0,007	0,325	0,000	0,006	0,004	FALSE
-0,064	0,314	-0,003	0,013	0,076	FALSE
-0,032	0,305	-0,002	0,012	0,046	FALSE
0,099	0,300	0,004	0,011	0,145	FALSE
-0,002	0,313	0,000	0,012	0,001	FALSE
-0,031	0,319	-0,001	0,012	0,014	FALSE
-0,214	0,288	-0,007	0,010	0,353	FALSE
0,030	0,302	0,001	0,008	0,054	FALSE
-0,020	0,307	-0,001	0,007	0,032	FALSE
-0,107	0,309	-0,002	0,007	0,139	FALSE
0,126	0,293	0,006	0,012	0,191	FALSE
0,077	0,297	0,003	0,010	0,111	FALSE
-0,027	0,312	-0,001	0,007	0,048	FALSE
-0,092	0,301	-0,002	0,007	0,132	FALSE
-0,089	0,309	-0,003	0,009	0,122	FALSE
-0,150	0,294	-0,003	0,007	0,204	FALSE
-0,130	0,313	-0,004	0,010	0,164	FALSE
0,113	0,309	0,003	0,008	0,130	FALSE
-0,055	0,313	-0,002	0,007	0,087	FALSE
0,019	0,305	0,000	0,009	0,003	FALSE
-0,038	0,301	-0,002	0,012	0,059	FALSE
-0,034	0,313	-0,001	0,010	0,035	FALSE
-0,065	0,317	-0,003	0,013	0,097	FALSE
0,009	0,306	0,000	0,013	0,002	FALSE
0,047	0,314	0,002	0,011	0,061	FALSE
-0,016	0,291	-0,001	0,008	0,028	FALSE
-0,016	0,310	-0,001	0,007	0,033	FALSE
-0,056	0,306	-0,002	0,011	0,076	FALSE
-0,086	0,288	-0,003	0,008	0,142	FALSE
0,050	0,317	0,002	0,013	0,071	FALSE
0,035	0,318	0,001	0,013	0,041	FALSE
0,145	0,308	0,005	0,010	0,213	FALSE
0,021	0,314	0,001	0,007	0,058	FALSE
-0,073	0,311	-0,002	0,012	0,072	FALSE
-0,084	0,306	-0,002	0,007	0,120	FALSE
0,002	0,295	0,000	0,006	0,008	FALSE
-0,078	0,296	-0,002	0,006	0,134	FALSE
-0,080	0,299	-0,002	0,007	0,130	FALSE
-0,067	0,303	-0,002	0,008	0,082	FALSE
0,130	0,309	0,003	0,007	0,171	FALSE
0,089	0,297	0,002	0,008	0,120	FALSE
0,101	0,314	0,003	0,008	0,133	FALSE
0,091	0,313	0,002	0,008	0,101	FALSE
0,101	0,300	0,003	0,008	0,152	FALSE
0,093	0,315	0,002	0,008	0,110	FALSE
-0,026	0,301	0,000	0,007	0,009	FALSE
-0,014	0,320	0,000	0,008	0,003	FALSE
-0,007	0,310	-0,001	0,012	0,015	FALSE
-0,019	0,310	-0,001	0,013	0,034	FALSE
0,024	0,308	0,001	0,013	0,023	FALSE

0,010	0,314	0,001	0,013	0,017	FALSE
-0,049	0,322	-0,002	0,013	0,060	FALSE
0,103	0,318	0,003	0,010	0,104	FALSE
-0,115	0,297	-0,003	0,007	0,187	FALSE
0,004	0,316	0,001	0,013	0,025	FALSE
0,093	0,299	0,002	0,006	0,107	FALSE
0,058	0,288	0,001	0,006	0,081	FALSE
0,018	0,307	0,001	0,007	0,027	FALSE
-0,030	0,297	-0,001	0,006	0,069	FALSE
0,031	0,319	0,001	0,010	0,027	FALSE
0,082	0,301	0,003	0,011	0,088	FALSE
0,168	0,297	0,003	0,007	0,217	FALSE
-0,107	0,310	-0,004	0,012	0,133	FALSE
0,084	0,308	0,002	0,008	0,090	FALSE
-0,070	0,296	-0,003	0,010	0,102	FALSE
0,060	0,302	0,004	0,013	0,117	FALSE
0,045	0,310	0,001	0,011	0,039	FALSE
0,000	0,314	0,000	0,013	0,007	FALSE
-0,033	0,334	-0,002	0,014	0,043	FALSE
0,016	0,314	0,001	0,012	0,015	FALSE
-0,005	0,318	-0,001	0,012	0,017	FALSE
0,010	0,318	0,000	0,013	0,006	FALSE
-0,004	0,315	0,000	0,012	0,011	FALSE
0,016	0,319	0,000	0,013	0,013	FALSE
0,013	0,337	0,000	0,014	0,013	FALSE
0,001	0,293	0,000	0,007	0,021	FALSE
0,022	0,299	0,001	0,007	0,034	FALSE
-0,019	0,305	0,000	0,007	0,004	FALSE
0,040	0,308	0,001	0,007	0,042	FALSE
0,019	0,301	0,000	0,006	0,012	FALSE
0,027	0,296	0,000	0,006	0,024	FALSE
-0,016	0,314	-0,001	0,007	0,026	FALSE
0,041	0,311	0,001	0,007	0,037	FALSE
0,037	0,312	0,000	0,006	0,020	FALSE
-0,074	0,312	-0,002	0,009	0,107	FALSE
-0,008	0,320	0,000	0,009	0,008	FALSE
-0,044	0,317	-0,002	0,013	0,071	FALSE
0,012	0,328	0,000	0,014	0,010	FALSE
0,009	0,322	0,001	0,013	0,017	FALSE
-0,023	0,320	-0,001	0,013	0,035	FALSE
0,021	0,321	0,001	0,013	0,026	FALSE
0,000	0,306	0,000	0,012	0,004	FALSE
-0,002	0,308	0,000	0,012	0,003	FALSE
0,002	0,325	0,000	0,013	0,002	FALSE
-0,023	0,326	-0,001	0,013	0,021	FALSE
0,000	0,322	0,000	0,013	0,011	FALSE
-0,016	0,312	-0,001	0,013	0,018	FALSE
-0,017	0,315	-0,001	0,013	0,028	FALSE
0,003	0,318	0,000	0,013	0,004	FALSE
-0,018	0,338	-0,001	0,014	0,027	FALSE
0,007	0,318	0,000	0,013	0,002	FALSE
0,005	0,303	0,000	0,012	0,001	FALSE
-0,040	0,303	-0,002	0,013	0,048	FALSE

-0,006	0,306	-0,001	0,013	0,017	FALSE
-0,058	0,307	-0,002	0,013	0,061	FALSE
-0,020	0,324	-0,001	0,013	0,020	FALSE
-0,039	0,315	-0,001	0,013	0,038	FALSE
-0,023	0,311	-0,001	0,013	0,026	FALSE
-0,058	0,309	-0,002	0,013	0,055	FALSE
-0,016	0,313	-0,001	0,013	0,020	FALSE
-0,027	0,317	0,000	0,013	0,013	FALSE
-0,051	0,303	-0,002	0,012	0,053	FALSE
-0,053	0,314	-0,002	0,013	0,048	FALSE
-0,047	0,318	-0,001	0,013	0,036	FALSE
-0,040	0,302	-0,001	0,012	0,039	FALSE
-0,011	0,314	-0,001	0,013	0,021	FALSE
-0,070	0,307	-0,002	0,012	0,072	FALSE
-0,027	0,314	-0,001	0,012	0,034	FALSE
-0,024	0,300	-0,001	0,010	0,045	FALSE
-0,047	0,303	-0,002	0,011	0,064	FALSE
-0,042	0,310	-0,002	0,011	0,062	FALSE
-0,008	0,302	0,000	0,009	0,013	FALSE
-0,042	0,316	-0,002	0,011	0,072	FALSE
0,077	0,296	0,002	0,006	0,096	FALSE
0,026	0,298	0,001	0,008	0,044	FALSE
0,034	0,301	0,001	0,007	0,039	FALSE
0,167	0,307	0,006	0,011	0,228	FALSE
0,026	0,306	0,000	0,008	0,013	FALSE
-0,061	0,296	-0,002	0,008	0,099	FALSE
0,147	0,314	0,003	0,008	0,184	FALSE
0,004	0,312	0,000	0,013	0,004	FALSE
-0,020	0,301	-0,002	0,012	0,052	FALSE
-0,018	0,309	-0,001	0,012	0,032	FALSE
-0,078	0,305	-0,003	0,011	0,100	FALSE
-0,001	0,316	0,000	0,013	0,009	FALSE
0,002	0,306	-0,001	0,012	0,015	FALSE
0,032	0,304	0,001	0,012	0,024	FALSE
0,007	0,317	0,000	0,013	0,007	FALSE
-0,069	0,322	-0,004	0,013	0,106	FALSE
0,059	0,300	0,002	0,010	0,069	FALSE
-0,002	0,302	0,000	0,010	0,004	FALSE
-0,153	0,313	-0,007	0,013	0,240	FALSE
-0,093	0,311	-0,005	0,013	0,155	FALSE
-0,120	0,303	-0,005	0,010	0,191	FALSE
-0,142	0,309	-0,004	0,010	0,161	FALSE
0,157	0,306	0,005	0,010	0,220	FALSE
-0,104	0,307	-0,003	0,010	0,118	FALSE
0,118	0,299	0,003	0,009	0,146	FALSE
0,019	0,305	0,001	0,012	0,015	FALSE
-0,005	0,328	-0,001	0,013	0,018	FALSE
0,135	0,311	0,003	0,008	0,147	FALSE
-0,027	0,321	-0,002	0,013	0,054	FALSE
-0,040	0,315	-0,003	0,013	0,074	FALSE
-0,033	0,314	-0,003	0,013	0,074	FALSE
-0,008	0,314	-0,002	0,013	0,043	FALSE
0,108	0,299	0,003	0,011	0,113	FALSE

0,155	0,306	0,004	0,007	0,243	FALSE
-0,013	0,316	0,000	0,012	0,009	FALSE
-0,008	0,322	0,000	0,012	0,005	FALSE
-0,007	0,323	0,000	0,013	0,005	FALSE
0,012	0,320	0,000	0,013	0,013	FALSE
-0,211	0,287	-0,008	0,011	0,330	FALSE
-0,149	0,295	-0,006	0,010	0,234	FALSE
-0,185	0,304	-0,007	0,011	0,285	FALSE
-0,050	0,316	-0,003	0,013	0,090	FALSE
0,060	0,311	0,001	0,007	0,071	FALSE
-0,137	0,302	-0,006	0,012	0,199	FALSE
-0,182	0,291	-0,007	0,010	0,293	FALSE
-0,160	0,288	-0,006	0,010	0,252	FALSE
-0,053	0,309	-0,004	0,013	0,111	FALSE
-0,083	0,303	-0,005	0,013	0,140	FALSE
-0,058	0,292	-0,004	0,012	0,114	FALSE
0,112	0,307	0,003	0,009	0,146	FALSE
0,144	0,306	0,005	0,009	0,222	FALSE
-0,015	0,306	-0,001	0,009	0,021	FALSE
-0,088	0,312	-0,002	0,007	0,088	FALSE
-0,082	0,317	-0,004	0,013	0,129	FALSE
0,006	0,303	0,000	0,008	0,014	FALSE
0,043	0,296	0,001	0,011	0,043	FALSE
0,061	0,310	0,002	0,011	0,081	FALSE
0,033	0,313	0,000	0,007	0,023	FALSE
0,030	0,299	0,001	0,006	0,029	FALSE
0,011	0,308	0,000	0,006	0,017	FALSE
-0,083	0,300	-0,005	0,013	0,148	FALSE
0,059	0,316	0,001	0,008	0,069	FALSE
0,054	0,311	0,002	0,012	0,060	FALSE
-0,112	0,291	-0,006	0,013	0,211	FALSE
-0,076	0,300	-0,005	0,013	0,146	FALSE
-0,074	0,289	-0,004	0,012	0,130	FALSE
-0,085	0,307	-0,004	0,013	0,134	FALSE
-0,097	0,304	-0,005	0,013	0,160	FALSE
-0,017	0,299	-0,001	0,010	0,019	FALSE
0,003	0,308	0,000	0,010	0,008	FALSE
-0,026	0,310	-0,002	0,013	0,068	FALSE
0,077	0,305	0,002	0,008	0,087	FALSE
0,082	0,305	0,003	0,009	0,133	FALSE
0,103	0,308	0,004	0,009	0,160	FALSE
-0,208	0,294	-0,005	0,007	0,313	FALSE
0,024	0,315	0,001	0,010	0,036	FALSE
0,029	0,319	0,001	0,007	0,047	FALSE
0,014	0,312	0,000	0,007	0,019	FALSE
-0,032	0,310	-0,001	0,007	0,038	FALSE
0,010	0,292	0,001	0,013	0,034	FALSE
-0,081	0,306	-0,005	0,013	0,148	FALSE
-0,066	0,300	-0,004	0,013	0,124	FALSE
0,024	0,310	0,001	0,010	0,023	FALSE
-0,042	0,305	-0,002	0,010	0,087	FALSE
-0,008	0,300	0,000	0,010	0,005	FALSE
-0,060	0,307	-0,001	0,007	0,066	FALSE

0,026	0,305	0,001	0,009	0,033	FALSE
-0,005	0,306	0,000	0,009	0,008	FALSE
-0,084	0,305	-0,002	0,008	0,090	FALSE
0,095	0,298	0,004	0,012	0,117	FALSE
0,029	0,306	0,000	0,008	0,019	FALSE
-0,013	0,316	-0,001	0,013	0,029	FALSE
0,039	0,306	0,001	0,010	0,037	FALSE
0,039	0,310	0,002	0,009	0,067	FALSE
0,129	0,301	0,004	0,010	0,169	FALSE
0,114	0,298	0,005	0,013	0,158	FALSE
-0,060	0,311	-0,001	0,009	0,063	FALSE
-0,057	0,304	-0,001	0,008	0,056	FALSE
-0,079	0,294	-0,002	0,008	0,083	FALSE
0,027	0,311	0,001	0,009	0,032	FALSE
0,046	0,294	0,001	0,011	0,045	FALSE
0,017	0,303	0,001	0,013	0,018	FALSE
-0,013	0,311	0,000	0,007	0,010	FALSE
0,031	0,306	0,001	0,013	0,032	FALSE
-0,007	0,307	-0,001	0,007	0,029	FALSE
0,008	0,300	0,001	0,006	0,034	FALSE
-0,056	0,300	-0,002	0,008	0,082	FALSE
-0,051	0,301	-0,001	0,007	0,069	FALSE
-0,056	0,314	-0,002	0,011	0,072	FALSE
-0,026	0,294	0,000	0,007	0,012	FALSE
-0,002	0,314	0,000	0,013	0,003	FALSE
-0,012	0,304	-0,001	0,012	0,018	FALSE
-0,065	0,313	-0,003	0,013	0,075	FALSE
0,026	0,296	0,001	0,012	0,023	FALSE
-0,034	0,307	-0,001	0,013	0,040	FALSE
0,000	0,322	0,000	0,013	0,008	FALSE
-0,012	0,319	-0,001	0,013	0,015	FALSE
-0,007	0,320	0,000	0,013	0,010	FALSE
-0,005	0,312	0,000	0,013	0,009	FALSE
0,010	0,312	0,000	0,013	0,013	FALSE
-0,012	0,304	0,000	0,007	0,008	FALSE
0,080	0,309	0,002	0,006	0,110	FALSE
0,021	0,312	0,001	0,012	0,038	FALSE
0,079	0,298	0,002	0,009	0,094	FALSE
-0,060	0,316	-0,002	0,011	0,087	FALSE
0,067	0,301	0,001	0,007	0,073	FALSE
-0,082	0,307	-0,002	0,007	0,102	FALSE
-0,021	0,329	-0,001	0,013	0,020	FALSE
-0,003	0,319	0,000	0,013	0,003	FALSE
-0,002	0,319	0,000	0,013	0,006	FALSE
0,008	0,307	0,000	0,012	0,005	FALSE
0,020	0,316	0,001	0,013	0,022	FALSE
-0,033	0,309	-0,001	0,012	0,038	FALSE
0,014	0,320	0,000	0,013	0,010	FALSE
-0,030	0,312	-0,001	0,013	0,036	FALSE
0,000	0,324	0,000	0,013	0,004	FALSE
-0,012	0,320	-0,001	0,013	0,019	FALSE
0,058	0,309	0,002	0,010	0,057	FALSE
-0,007	0,308	-0,001	0,009	0,035	FALSE

-0,044	0,292	-0,002	0,010	0,084	FALSE
0,022	0,314	0,001	0,013	0,017	FALSE
0,007	0,310	0,000	0,012	0,007	FALSE
0,006	0,316	0,000	0,013	0,004	FALSE
-0,008	0,312	0,000	0,013	0,014	FALSE
-0,009	0,318	-0,001	0,010	0,020	FALSE
0,012	0,303	0,000	0,007	0,003	FALSE
-0,027	0,314	-0,002	0,009	0,067	FALSE
-0,142	0,290	-0,003	0,006	0,235	FALSE
0,068	0,294	0,002	0,007	0,082	FALSE
0,090	0,307	0,002	0,008	0,114	FALSE
-0,145	0,301	-0,004	0,007	0,210	FALSE
-0,023	0,300	-0,001	0,008	0,023	FALSE
-0,079	0,313	-0,003	0,009	0,110	FALSE
0,097	0,311	0,003	0,010	0,107	FALSE
0,129	0,299	0,004	0,010	0,143	FALSE
0,008	0,297	0,000	0,006	0,012	FALSE
-0,105	0,289	-0,002	0,008	0,109	FALSE
0,008	0,297	0,000	0,007	0,008	FALSE
0,076	0,313	0,002	0,008	0,081	FALSE
-0,115	0,324	-0,003	0,009	0,142	FALSE
-0,121	0,313	-0,003	0,009	0,147	FALSE
-0,114	0,316	-0,003	0,008	0,157	FALSE
-0,112	0,317	-0,003	0,009	0,140	FALSE
-0,102	0,306	-0,003	0,008	0,138	FALSE
-0,117	0,308	-0,003	0,008	0,145	FALSE
-0,127	0,299	-0,003	0,009	0,157	FALSE
-0,129	0,283	-0,003	0,008	0,184	FALSE
-0,068	0,316	-0,002	0,012	0,079	FALSE
0,034	0,301	0,001	0,008	0,046	FALSE
-0,002	0,315	0,000	0,009	0,003	FALSE
0,002	0,309	0,000	0,009	0,000	FALSE
-0,003	0,301	0,000	0,008	0,011	FALSE
-0,025	0,322	-0,001	0,013	0,033	FALSE
0,023	0,326	0,000	0,012	0,013	FALSE
0,003	0,305	0,000	0,007	0,006	FALSE
0,109	0,309	0,003	0,008	0,136	FALSE
-0,064	0,308	-0,001	0,007	0,035	FALSE
-0,016	0,294	0,000	0,007	0,001	FALSE
0,122	0,312	0,003	0,007	0,143	FALSE
0,036	0,323	0,001	0,013	0,039	FALSE
-0,106	0,304	-0,004	0,013	0,120	FALSE
-0,121	0,311	-0,004	0,013	0,132	FALSE
0,125	0,310	0,003	0,009	0,135	FALSE
0,061	0,308	0,002	0,009	0,077	FALSE
0,085	0,315	0,004	0,013	0,121	FALSE
0,084	0,314	0,004	0,013	0,108	FALSE
0,102	0,302	0,005	0,012	0,158	FALSE
0,020	0,314	0,001	0,012	0,020	FALSE
-0,002	0,299	0,000	0,010	0,009	FALSE
-0,081	0,314	-0,002	0,008	0,109	FALSE
-0,063	0,301	-0,001	0,006	0,063	FALSE
-0,013	0,302	0,000	0,008	0,022	FALSE

-0,024	0,300	-0,001	0,007	0,028	FALSE
0,075	0,318	0,003	0,011	0,093	FALSE
0,092	0,299	0,003	0,010	0,127	FALSE
0,054	0,315	0,001	0,009	0,059	FALSE
0,081	0,315	0,003	0,012	0,090	FALSE
-0,117	0,303	-0,003	0,008	0,130	FALSE
-0,011	0,292	0,000	0,006	0,008	FALSE
0,051	0,307	0,002	0,008	0,073	FALSE
-0,016	0,307	-0,001	0,008	0,030	FALSE
-0,051	0,307	-0,001	0,009	0,055	FALSE
0,096	0,316	0,004	0,012	0,137	FALSE
0,110	0,325	0,004	0,011	0,148	FALSE
0,108	0,310	0,004	0,011	0,153	FALSE
-0,001	0,311	0,000	0,010	0,008	FALSE
0,040	0,305	0,001	0,010	0,044	FALSE
0,090	0,293	0,004	0,012	0,116	FALSE
-0,008	0,314	0,000	0,008	0,017	FALSE
0,084	0,309	0,003	0,012	0,103	FALSE
0,156	0,309	0,004	0,008	0,227	FALSE
0,253	0,296	0,008	0,009	0,436	FALSE
0,203	0,305	0,006	0,009	0,311	FALSE
-0,093	0,316	-0,004	0,013	0,123	FALSE
-0,095	0,315	-0,004	0,013	0,102	FALSE
0,128	0,307	0,003	0,008	0,171	FALSE
-0,080	0,316	-0,002	0,008	0,111	FALSE
-0,139	0,300	-0,004	0,008	0,219	FALSE
-0,079	0,295	-0,004	0,012	0,132	FALSE
0,044	0,303	0,001	0,007	0,036	FALSE
-0,025	0,313	-0,001	0,008	0,032	FALSE
-0,041	0,314	-0,002	0,012	0,065	FALSE
0,027	0,304	0,001	0,012	0,031	FALSE
0,014	0,296	0,000	0,012	0,014	FALSE
0,016	0,323	0,001	0,013	0,024	FALSE
0,006	0,296	0,000	0,008	0,007	FALSE
-0,128	0,308	-0,003	0,006	0,173	FALSE
-0,021	0,306	0,000	0,007	0,011	FALSE
-0,008	0,301	0,000	0,010	0,003	FALSE
0,005	0,319	0,000	0,013	0,012	FALSE
0,015	0,307	0,001	0,011	0,022	FALSE
-0,110	0,313	-0,004	0,011	0,137	FALSE
-0,026	0,307	0,000	0,007	0,024	FALSE
0,127	0,296	0,004	0,008	0,226	FALSE
-0,089	0,308	-0,003	0,010	0,125	FALSE
-0,003	0,319	0,000	0,009	0,013	FALSE
-0,004	0,300	0,000	0,013	0,006	FALSE
-0,023	0,321	0,000	0,013	0,006	FALSE
0,045	0,311	0,001	0,011	0,030	FALSE
0,044	0,318	0,001	0,011	0,024	FALSE
0,073	0,305	0,002	0,010	0,063	FALSE
0,028	0,300	0,000	0,011	0,006	FALSE
-0,045	0,304	-0,001	0,013	0,038	FALSE
-0,015	0,295	-0,001	0,008	0,037	FALSE
-0,031	0,306	-0,001	0,013	0,032	FALSE

0,090	0,307	0,004	0,013	0,109	FALSE
0,091	0,306	0,003	0,010	0,118	FALSE
0,088	0,319	0,003	0,009	0,121	FALSE
0,020	0,293	0,001	0,011	0,029	FALSE
-0,042	0,300	-0,001	0,010	0,047	FALSE
0,089	0,311	0,002	0,009	0,089	FALSE
0,039	0,305	0,000	0,010	0,017	FALSE
0,002	0,295	-0,001	0,010	0,027	FALSE
0,070	0,309	0,001	0,010	0,047	FALSE
-0,052	0,305	-0,002	0,009	0,085	FALSE
-0,074	0,306	-0,002	0,009	0,092	FALSE
-0,051	0,308	-0,001	0,008	0,057	FALSE
-0,057	0,315	-0,001	0,008	0,059	FALSE
-0,030	0,320	-0,001	0,009	0,038	FALSE
-0,155	0,307	-0,007	0,012	0,235	FALSE
-0,014	0,325	-0,001	0,013	0,023	FALSE
0,048	0,318	0,002	0,013	0,043	FALSE
0,012	0,315	0,000	0,012	0,013	FALSE
0,008	0,330	0,000	0,013	0,004	FALSE
0,017	0,305	0,001	0,013	0,022	FALSE
0,034	0,316	0,001	0,013	0,029	FALSE
0,042	0,309	0,001	0,012	0,040	FALSE
-0,131	0,301	-0,005	0,010	0,194	FALSE
0,000	0,321	0,000	0,013	0,002	FALSE
0,018	0,320	0,001	0,013	0,023	FALSE
0,010	0,310	0,000	0,012	0,004	FALSE
0,005	0,320	0,000	0,013	0,008	FALSE
-0,006	0,317	0,000	0,013	0,006	FALSE
0,025	0,316	0,001	0,013	0,028	FALSE
0,016	0,316	0,001	0,013	0,015	FALSE
-0,005	0,315	0,000	0,013	0,010	FALSE
-0,124	0,305	-0,005	0,011	0,172	FALSE
-0,136	0,312	-0,003	0,007	0,171	FALSE
0,051	0,304	0,001	0,007	0,054	FALSE
0,001	0,300	0,000	0,010	0,011	FALSE
0,082	0,291	0,001	0,006	0,081	FALSE
-0,002	0,315	0,000	0,009	0,003	FALSE
-0,073	0,311	-0,002	0,007	0,102	FALSE
0,006	0,316	0,000	0,008	0,017	FALSE
-0,101	0,301	-0,003	0,009	0,146	FALSE
0,123	0,312	0,005	0,010	0,180	FALSE
0,057	0,300	0,002	0,011	0,074	FALSE
0,065	0,312	0,003	0,011	0,092	FALSE
0,060	0,311	0,002	0,008	0,080	FALSE
-0,010	0,311	0,000	0,012	0,004	FALSE
0,029	0,307	0,001	0,012	0,041	FALSE
-0,008	0,301	0,000	0,008	0,008	FALSE
-0,059	0,314	-0,002	0,011	0,068	FALSE
-0,071	0,325	-0,002	0,012	0,077	FALSE
-0,046	0,296	-0,001	0,006	0,044	FALSE
-0,009	0,302	0,000	0,012	0,013	FALSE
-0,002	0,299	0,000	0,012	0,002	FALSE
0,000	0,305	0,000	0,012	0,003	FALSE

0,108	0,294	0,003	0,008	0,160	FALSE
0,057	0,302	0,002	0,011	0,085	FALSE
0,089	0,284	0,004	0,011	0,145	FALSE
-0,011	0,305	0,000	0,008	0,004	FALSE
-0,036	0,310	-0,001	0,008	0,027	FALSE
0,003	0,314	0,001	0,013	0,019	FALSE
0,053	0,323	0,002	0,012	0,069	FALSE
0,000	0,307	0,000	0,013	0,007	FALSE
0,039	0,324	0,002	0,013	0,044	FALSE
0,021	0,290	0,000	0,012	0,015	FALSE
-0,072	0,299	-0,002	0,007	0,080	FALSE
-0,044	0,308	-0,001	0,007	0,035	FALSE
-0,070	0,296	-0,002	0,008	0,127	FALSE
0,022	0,305	0,001	0,009	0,033	FALSE
-0,055	0,305	-0,001	0,010	0,043	FALSE
0,062	0,304	0,002	0,010	0,067	FALSE
-0,120	0,292	-0,004	0,011	0,149	FALSE
0,073	0,300	0,002	0,010	0,080	FALSE
0,095	0,311	0,003	0,009	0,128	FALSE
-0,004	0,299	0,000	0,012	0,007	FALSE
0,026	0,305	0,001	0,006	0,064	FALSE
-0,006	0,298	0,000	0,012	0,009	FALSE
0,009	0,296	0,001	0,013	0,016	FALSE
0,147	0,305	0,003	0,006	0,193	FALSE
0,007	0,305	0,000	0,006	0,025	FALSE
-0,022	0,324	-0,001	0,009	0,022	FALSE
0,054	0,304	0,002	0,012	0,073	FALSE
-0,026	0,314	0,000	0,009	0,016	FALSE
-0,003	0,317	0,000	0,013	0,005	FALSE
-0,060	0,322	-0,002	0,012	0,067	FALSE
-0,080	0,305	-0,002	0,012	0,076	FALSE
-0,101	0,319	-0,004	0,013	0,117	FALSE
0,045	0,314	0,002	0,011	0,074	FALSE
-0,066	0,317	-0,002	0,010	0,077	FALSE
0,021	0,301	0,001	0,013	0,031	FALSE
0,005	0,315	0,000	0,007	0,006	FALSE
0,011	0,317	0,000	0,007	0,011	FALSE
0,015	0,306	0,000	0,007	0,001	FALSE
-0,044	0,309	-0,002	0,012	0,073	FALSE
0,066	0,293	0,002	0,012	0,075	FALSE
-0,075	0,303	-0,002	0,009	0,080	FALSE
-0,053	0,303	-0,001	0,009	0,054	FALSE
-0,001	0,311	0,000	0,009	0,019	FALSE
-0,040	0,307	-0,001	0,009	0,039	FALSE
-0,009	0,320	-0,001	0,011	0,021	FALSE
-0,063	0,314	-0,003	0,012	0,083	FALSE
-0,058	0,313	-0,002	0,012	0,072	FALSE
-0,046	0,316	-0,002	0,010	0,056	FALSE
-0,023	0,309	-0,001	0,010	0,043	FALSE
-0,074	0,312	-0,003	0,013	0,082	FALSE
-0,021	0,305	0,000	0,013	0,007	FALSE
-0,002	0,304	-0,001	0,012	0,016	FALSE
0,031	0,309	0,001	0,012	0,034	FALSE

0,042	0,310	0,001	0,011	0,045	FALSE
0,008	0,305	0,001	0,011	0,038	FALSE
0,011	0,300	0,000	0,010	0,014	FALSE
0,031	0,298	0,001	0,008	0,038	FALSE
0,029	0,304	0,001	0,008	0,024	FALSE
-0,012	0,312	-0,001	0,008	0,023	FALSE
-0,072	0,312	-0,003	0,013	0,084	FALSE
0,029	0,310	0,001	0,007	0,048	FALSE
-0,011	0,306	0,000	0,008	0,016	FALSE
0,013	0,303	0,000	0,009	0,005	FALSE
0,063	0,297	0,001	0,006	0,075	FALSE
0,004	0,308	0,000	0,013	0,002	FALSE
-0,031	0,321	0,000	0,011	0,014	FALSE
-0,099	0,308	-0,002	0,007	0,147	FALSE
0,009	0,301	0,000	0,007	0,023	FALSE
0,031	0,318	0,001	0,013	0,035	FALSE
-0,062	0,302	-0,001	0,008	0,063	FALSE
-0,020	0,297	0,000	0,009	0,006	FALSE
-0,075	0,309	-0,003	0,012	0,100	FALSE
0,010	0,310	0,000	0,007	0,010	FALSE
0,005	0,317	0,000	0,013	0,006	FALSE
-0,025	0,304	0,000	0,011	0,001	FALSE
0,129	0,302	0,005	0,011	0,177	FALSE
0,118	0,314	0,004	0,011	0,135	FALSE
0,086	0,322	0,002	0,012	0,069	FALSE
-0,076	0,321	-0,004	0,013	0,124	FALSE
0,022	0,285	0,000	0,008	0,009	FALSE
-0,046	0,312	-0,002	0,008	0,078	FALSE
-0,042	0,315	-0,002	0,012	0,054	FALSE
0,107	0,298	0,005	0,011	0,166	FALSE
-0,036	0,294	-0,003	0,011	0,092	FALSE
-0,170	0,304	-0,006	0,010	0,239	FALSE
-0,200	0,312	-0,009	0,013	0,328	FALSE
-0,060	0,318	-0,001	0,008	0,061	FALSE
-0,006	0,321	0,000	0,008	0,001	FALSE
-0,127	0,304	-0,004	0,009	0,188	FALSE
0,048	0,316	0,001	0,008	0,054	FALSE
0,195	0,301	0,006	0,008	0,293	FALSE
-0,037	0,304	0,000	0,007	0,022	FALSE
-0,004	0,304	0,000	0,007	0,012	FALSE
0,106	0,311	0,004	0,011	0,151	FALSE
0,083	0,309	0,003	0,012	0,091	FALSE
0,111	0,306	0,004	0,011	0,167	FALSE
0,114	0,310	0,003	0,009	0,151	FALSE
0,000	0,319	0,000	0,007	0,016	FALSE
0,039	0,308	0,001	0,008	0,050	FALSE
-0,050	0,314	-0,001	0,008	0,058	FALSE
-0,061	0,304	-0,002	0,008	0,071	FALSE
-0,037	0,300	-0,001	0,010	0,037	FALSE
0,046	0,318	0,002	0,013	0,045	FALSE
0,018	0,300	0,001	0,011	0,046	FALSE
0,026	0,310	0,001	0,010	0,028	FALSE
0,013	0,317	0,000	0,011	0,015	FALSE

0,063	0,308	0,001	0,006	0,080	FALSE
-0,084	0,298	-0,002	0,008	0,116	FALSE
-0,092	0,287	-0,004	0,011	0,124	FALSE
-0,083	0,293	-0,002	0,008	0,100	FALSE
-0,052	0,313	-0,002	0,011	0,054	FALSE
0,102	0,309	0,004	0,012	0,127	FALSE
-0,051	0,307	-0,002	0,011	0,064	FALSE
-0,049	0,316	-0,002	0,012	0,053	FALSE
0,093	0,319	0,004	0,012	0,118	FALSE
-0,064	0,291	-0,002	0,011	0,070	FALSE
-0,044	0,301	-0,001	0,011	0,050	FALSE
-0,057	0,288	-0,001	0,010	0,054	FALSE
-0,044	0,299	-0,001	0,011	0,047	FALSE
-0,034	0,304	-0,002	0,013	0,052	FALSE
-0,021	0,306	-0,002	0,013	0,044	FALSE
0,080	0,319	0,003	0,012	0,111	FALSE
0,038	0,305	0,001	0,008	0,030	FALSE
0,158	0,311	0,004	0,009	0,207	FALSE
-0,047	0,323	-0,002	0,013	0,071	FALSE
-0,031	0,299	-0,001	0,009	0,053	FALSE
-0,013	0,305	0,000	0,009	0,007	FALSE
0,010	0,308	0,000	0,009	0,019	FALSE
0,082	0,319	0,003	0,012	0,117	FALSE
-0,060	0,303	-0,002	0,010	0,082	FALSE
-0,065	0,306	-0,001	0,006	0,065	FALSE
-0,122	0,311	-0,005	0,011	0,174	FALSE
-0,077	0,313	-0,004	0,012	0,128	FALSE
0,045	0,309	0,001	0,007	0,072	FALSE
-0,049	0,310	-0,001	0,012	0,039	FALSE
-0,064	0,297	-0,002	0,012	0,067	FALSE
0,000	0,306	0,000	0,008	0,014	FALSE
-0,039	0,316	-0,001	0,012	0,045	FALSE
-0,031	0,310	-0,002	0,012	0,052	FALSE
0,021	0,307	0,000	0,013	0,012	FALSE
0,053	0,310	0,001	0,010	0,042	FALSE
0,058	0,312	0,001	0,009	0,063	FALSE
0,030	0,307	0,001	0,009	0,024	FALSE
0,046	0,303	0,001	0,008	0,047	FALSE
0,010	0,306	0,001	0,009	0,026	FALSE
-0,005	0,316	-0,001	0,009	0,030	FALSE
-0,118	0,309	-0,004	0,013	0,136	FALSE
-0,006	0,302	-0,001	0,012	0,022	FALSE
0,083	0,311	0,005	0,013	0,144	FALSE
0,012	0,302	0,001	0,008	0,024	FALSE
-0,043	0,295	-0,001	0,006	0,052	FALSE
0,034	0,306	0,001	0,010	0,034	FALSE
-0,037	0,304	-0,001	0,007	0,058	FALSE
-0,064	0,304	-0,002	0,010	0,063	FALSE
0,013	0,312	0,000	0,010	0,008	FALSE
0,002	0,296	0,000	0,010	0,002	FALSE
0,066	0,317	0,002	0,011	0,068	FALSE
-0,014	0,310	0,000	0,007	0,011	FALSE
-0,108	0,290	-0,002	0,007	0,136	FALSE

-0,050	0,304	-0,002	0,011	0,051	FALSE
0,049	0,314	0,002	0,011	0,055	FALSE
-0,029	0,299	-0,001	0,007	0,038	FALSE
-0,045	0,288	-0,001	0,008	0,034	FALSE
-0,003	0,321	0,000	0,010	0,003	FALSE
0,026	0,313	0,001	0,011	0,034	FALSE
-0,098	0,300	-0,002	0,006	0,127	FALSE
-0,066	0,312	-0,003	0,010	0,109	FALSE
0,182	0,293	0,007	0,012	0,269	FALSE
-0,108	0,306	-0,003	0,006	0,174	FALSE
0,076	0,302	0,003	0,011	0,103	FALSE
0,061	0,305	0,001	0,009	0,037	FALSE
0,126	0,303	0,004	0,011	0,157	FALSE
-0,013	0,309	-0,001	0,010	0,048	FALSE
0,112	0,289	0,004	0,010	0,136	FALSE
-0,079	0,309	-0,002	0,013	0,062	FALSE
-0,009	0,291	0,000	0,009	0,001	FALSE
0,074	0,301	0,002	0,010	0,091	FALSE
-0,084	0,300	-0,003	0,010	0,112	FALSE
0,175	0,297	0,005	0,008	0,241	FALSE
-0,026	0,312	-0,001	0,012	0,021	FALSE
0,023	0,310	0,002	0,013	0,044	FALSE
0,132	0,288	0,003	0,007	0,178	FALSE
-0,050	0,317	-0,001	0,008	0,040	FALSE
-0,069	0,312	-0,001	0,007	0,077	FALSE
0,000	0,296	-0,001	0,006	0,031	FALSE
0,041	0,298	0,001	0,007	0,071	FALSE
-0,053	0,302	-0,002	0,010	0,065	FALSE
-0,109	0,306	-0,003	0,007	0,172	FALSE
-0,015	0,300	0,000	0,010	0,009	FALSE
0,019	0,309	0,001	0,013	0,037	FALSE
0,010	0,310	0,001	0,013	0,024	FALSE
-0,001	0,311	0,000	0,009	0,016	FALSE
-0,020	0,307	-0,001	0,009	0,040	FALSE
-0,018	0,311	0,000	0,009	0,001	FALSE
-0,032	0,314	-0,001	0,010	0,043	FALSE
0,104	0,308	0,004	0,013	0,131	FALSE
-0,025	0,310	-0,001	0,007	0,061	FALSE
0,093	0,317	0,003	0,009	0,137	FALSE
-0,048	0,301	-0,002	0,008	0,080	FALSE
0,019	0,307	0,001	0,012	0,029	FALSE
0,079	0,312	0,003	0,011	0,113	FALSE
-0,009	0,312	0,000	0,007	0,012	FALSE
0,054	0,306	0,003	0,010	0,120	FALSE
0,032	0,301	0,001	0,009	0,022	FALSE
-0,066	0,323	-0,003	0,013	0,102	FALSE
-0,041	0,303	-0,001	0,013	0,020	FALSE
0,010	0,313	0,001	0,006	0,038	FALSE
-0,003	0,307	0,000	0,009	0,002	FALSE
-0,128	0,305	-0,004	0,009	0,176	FALSE
-0,124	0,306	-0,005	0,012	0,178	FALSE
0,114	0,296	0,003	0,006	0,166	FALSE
-0,024	0,310	0,000	0,010	0,003	FALSE

0,029	0,299	0,001	0,007	0,033	FALSE
0,020	0,317	0,001	0,009	0,020	FALSE
0,127	0,319	0,002	0,006	0,141	FALSE
0,032	0,315	0,001	0,013	0,043	FALSE
0,068	0,300	0,003	0,012	0,092	FALSE
-0,104	0,304	-0,004	0,012	0,139	FALSE
0,153	0,301	0,005	0,011	0,204	FALSE
-0,073	0,309	-0,003	0,012	0,101	FALSE
-0,109	0,303	-0,005	0,012	0,153	FALSE
-0,172	0,305	-0,007	0,013	0,235	FALSE
-0,023	0,318	-0,001	0,011	0,023	FALSE
0,111	0,317	0,005	0,012	0,193	FALSE
0,056	0,308	0,003	0,013	0,093	FALSE
0,027	0,316	0,001	0,009	0,026	FALSE
0,024	0,314	0,001	0,009	0,027	FALSE
-0,031	0,314	-0,001	0,013	0,032	FALSE
-0,008	0,309	0,000	0,011	0,013	FALSE
0,035	0,315	0,002	0,013	0,058	FALSE
0,069	0,326	0,001	0,007	0,064	FALSE
-0,167	0,288	-0,008	0,012	0,285	FALSE
-0,176	0,299	-0,007	0,011	0,288	FALSE
-0,135	0,305	-0,006	0,012	0,219	FALSE
0,000	0,308	0,001	0,010	0,028	FALSE
0,007	0,307	0,001	0,010	0,041	FALSE
-0,014	0,305	0,000	0,010	0,007	FALSE
-0,014	0,315	0,000	0,008	0,005	FALSE
-0,082	0,301	-0,004	0,012	0,117	FALSE
-0,014	0,301	-0,001	0,012	0,022	FALSE
0,113	0,307	0,005	0,011	0,165	FALSE
0,143	0,301	0,006	0,012	0,210	FALSE
-0,088	0,299	-0,004	0,010	0,148	FALSE
-0,117	0,301	-0,005	0,012	0,162	FALSE
-0,092	0,318	-0,004	0,013	0,122	FALSE
-0,064	0,310	-0,002	0,011	0,068	FALSE
-0,087	0,305	-0,004	0,011	0,146	FALSE
0,074	0,311	0,003	0,010	0,110	FALSE
-0,016	0,309	0,000	0,012	0,008	FALSE
0,033	0,314	0,001	0,010	0,051	FALSE
0,067	0,314	0,003	0,011	0,105	FALSE
0,067	0,317	0,003	0,011	0,105	FALSE
0,133	0,306	0,004	0,008	0,184	FALSE
0,039	0,309	0,001	0,007	0,038	FALSE
0,109	0,297	0,003	0,008	0,144	FALSE
0,011	0,301	0,000	0,012	0,013	FALSE
-0,007	0,298	0,000	0,012	0,008	FALSE
0,105	0,296	0,004	0,010	0,156	FALSE
0,064	0,317	0,002	0,010	0,064	FALSE
0,028	0,323	0,001	0,013	0,039	FALSE
0,030	0,316	0,001	0,013	0,021	FALSE
-0,146	0,306	-0,004	0,008	0,228	FALSE
0,081	0,293	0,004	0,012	0,120	FALSE
0,096	0,312	0,004	0,013	0,122	FALSE
0,029	0,312	0,001	0,007	0,051	FALSE

-0,042	0,314	-0,001	0,008	0,054	FALSE
-0,047	0,308	-0,001	0,011	0,034	FALSE
-0,164	0,310	-0,006	0,013	0,186	FALSE
0,096	0,310	0,003	0,011	0,092	FALSE
0,027	0,314	0,001	0,007	0,034	FALSE
0,013	0,317	0,000	0,012	0,012	FALSE
0,092	0,328	0,003	0,012	0,115	FALSE
-0,062	0,304	-0,002	0,009	0,082	FALSE
-0,014	0,310	-0,001	0,012	0,033	FALSE
-0,037	0,311	-0,002	0,010	0,059	FALSE
-0,115	0,296	-0,004	0,011	0,141	FALSE
-0,087	0,295	-0,002	0,006	0,105	FALSE
0,078	0,303	0,002	0,007	0,114	FALSE
-0,100	0,313	-0,004	0,012	0,124	FALSE
0,053	0,315	0,002	0,013	0,068	FALSE
-0,071	0,303	-0,003	0,012	0,095	FALSE
0,066	0,307	0,003	0,012	0,109	FALSE
-0,067	0,308	-0,003	0,010	0,106	FALSE
-0,048	0,310	-0,002	0,010	0,080	FALSE
0,002	0,290	0,000	0,007	0,006	FALSE
0,070	0,294	0,002	0,011	0,071	FALSE
-0,125	0,300	-0,005	0,013	0,177	FALSE
-0,162	0,295	-0,007	0,012	0,239	FALSE
-0,147	0,300	-0,006	0,012	0,218	FALSE
-0,034	0,298	-0,002	0,010	0,078	FALSE
0,103	0,310	0,003	0,010	0,117	FALSE
-0,026	0,303	-0,001	0,010	0,052	FALSE
0,076	0,291	0,003	0,012	0,101	FALSE
-0,014	0,304	0,000	0,011	0,001	FALSE
-0,219	0,290	-0,007	0,009	0,333	FALSE
-0,068	0,297	-0,003	0,011	0,092	FALSE
-0,048	0,313	-0,001	0,006	0,058	FALSE
-0,004	0,286	0,000	0,009	0,015	FALSE
-0,037	0,321	-0,001	0,007	0,038	FALSE
0,106	0,311	0,002	0,007	0,115	FALSE
-0,035	0,316	-0,001	0,008	0,050	FALSE
0,046	0,307	0,002	0,012	0,060	FALSE
-0,057	0,314	-0,001	0,008	0,067	FALSE
-0,032	0,324	-0,001	0,008	0,025	FALSE
-0,130	0,304	-0,006	0,012	0,192	FALSE
-0,098	0,295	-0,005	0,012	0,149	FALSE
-0,103	0,310	-0,004	0,013	0,126	FALSE
-0,109	0,305	-0,005	0,012	0,155	FALSE
-0,063	0,312	-0,003	0,011	0,096	FALSE
-0,009	0,300	0,000	0,007	0,013	FALSE
0,030	0,308	0,001	0,009	0,030	FALSE
0,124	0,320	0,004	0,012	0,145	FALSE
-0,076	0,306	-0,003	0,011	0,096	FALSE
-0,022	0,313	-0,001	0,012	0,024	FALSE
-0,045	0,308	-0,001	0,010	0,039	FALSE
-0,068	0,296	-0,002	0,010	0,077	FALSE
-0,059	0,305	-0,002	0,012	0,070	FALSE
0,020	0,313	0,000	0,009	0,004	FALSE

-0,007	0,325	0,000	0,007	0,000	FALSE
0,098	0,297	0,002	0,006	0,119	FALSE
0,037	0,309	0,001	0,008	0,023	FALSE
-0,147	0,307	-0,006	0,013	0,203	FALSE
-0,103	0,305	-0,002	0,007	0,104	FALSE
-0,101	0,303	-0,003	0,009	0,122	FALSE
0,174	0,301	0,007	0,011	0,263	FALSE
0,178	0,303	0,007	0,011	0,263	FALSE
-0,041	0,301	-0,001	0,011	0,034	FALSE
-0,059	0,314	-0,002	0,009	0,063	FALSE
-0,047	0,306	-0,001	0,008	0,065	FALSE
-0,031	0,299	-0,001	0,008	0,055	FALSE
-0,058	0,304	-0,001	0,007	0,067	FALSE
-0,034	0,301	-0,001	0,007	0,025	FALSE
0,088	0,303	0,003	0,012	0,103	FALSE
0,014	0,317	0,000	0,009	0,001	FALSE
0,169	0,313	0,007	0,013	0,232	FALSE
0,169	0,299	0,007	0,013	0,239	FALSE
0,171	0,301	0,007	0,013	0,241	FALSE
0,086	0,311	0,002	0,008	0,107	FALSE
0,062	0,320	0,001	0,008	0,057	FALSE
0,025	0,307	0,001	0,012	0,044	FALSE
-0,049	0,318	-0,001	0,007	0,050	FALSE
-0,072	0,312	-0,002	0,012	0,071	FALSE
0,025	0,306	0,001	0,008	0,034	FALSE
0,020	0,314	0,000	0,008	0,018	FALSE
0,027	0,312	0,001	0,007	0,044	FALSE
-0,043	0,303	-0,001	0,007	0,037	FALSE
-0,040	0,315	-0,001	0,007	0,055	FALSE
0,023	0,295	-0,001	0,011	0,020	FALSE
0,117	0,307	0,004	0,010	0,161	FALSE
0,080	0,320	0,003	0,012	0,080	FALSE
-0,116	0,306	-0,002	0,007	0,146	FALSE
0,035	0,315	0,001	0,008	0,063	FALSE
-0,019	0,310	0,000	0,013	0,002	FALSE
-0,166	0,315	-0,004	0,008	0,206	FALSE
0,011	0,321	0,001	0,013	0,038	FALSE
-0,008	0,307	0,000	0,009	0,018	FALSE
0,006	0,309	0,001	0,008	0,028	FALSE
0,143	0,301	0,003	0,006	0,180	FALSE
0,002	0,315	0,001	0,009	0,029	FALSE
-0,020	0,319	-0,001	0,011	0,025	FALSE
0,013	0,308	0,000	0,011	0,009	FALSE
0,010	0,310	0,000	0,011	0,013	FALSE
-0,009	0,308	-0,001	0,008	0,044	FALSE
0,002	0,298	0,000	0,008	0,006	FALSE
-0,193	0,307	-0,008	0,011	0,317	FALSE
0,002	0,313	0,000	0,008	0,002	FALSE
0,125	0,312	0,004	0,011	0,158	FALSE
0,072	0,311	0,002	0,010	0,096	FALSE
0,043	0,299	0,002	0,009	0,061	FALSE
-0,036	0,299	-0,001	0,010	0,036	FALSE
0,094	0,294	0,002	0,008	0,083	FALSE

0,074	0,325	0,002	0,008	0,100	FALSE
0,112	0,315	0,003	0,007	0,165	FALSE
0,101	0,297	0,004	0,012	0,135	FALSE
-0,087	0,318	-0,002	0,009	0,091	FALSE
-0,075	0,311	-0,002	0,012	0,064	FALSE
0,113	0,309	0,002	0,008	0,113	FALSE
0,047	0,308	0,002	0,007	0,078	FALSE
-0,029	0,316	0,000	0,009	0,018	FALSE
-0,071	0,300	-0,002	0,011	0,076	FALSE
0,080	0,315	0,002	0,008	0,123	FALSE
0,008	0,306	0,000	0,012	0,002	FALSE
-0,058	0,312	-0,002	0,010	0,064	FALSE
-0,081	0,308	-0,002	0,008	0,095	FALSE
-0,027	0,317	-0,001	0,006	0,056	FALSE
0,083	0,303	0,004	0,011	0,135	FALSE
-0,046	0,299	-0,001	0,012	0,038	FALSE
-0,072	0,310	-0,002	0,007	0,092	FALSE
0,073	0,297	0,004	0,012	0,121	FALSE
-0,028	0,298	0,000	0,008	0,014	FALSE
-0,031	0,298	-0,001	0,007	0,046	FALSE
0,020	0,315	0,000	0,011	0,012	FALSE
0,029	0,305	0,001	0,011	0,044	FALSE
-0,046	0,314	-0,002	0,008	0,076	FALSE
-0,152	0,307	-0,004	0,007	0,212	FALSE
0,001	0,313	0,000	0,010	0,017	FALSE
0,033	0,300	0,001	0,010	0,037	FALSE
0,018	0,305	0,000	0,013	0,003	FALSE
-0,084	0,303	-0,003	0,008	0,155	FALSE
-0,030	0,305	-0,001	0,007	0,055	FALSE
0,075	0,299	0,003	0,011	0,108	FALSE
0,006	0,304	0,001	0,010	0,039	FALSE
-0,086	0,321	-0,002	0,007	0,094	FALSE
0,024	0,321	0,000	0,008	0,015	FALSE
-0,032	0,308	-0,001	0,013	0,040	FALSE
0,051	0,303	0,002	0,010	0,089	FALSE
0,024	0,304	0,000	0,009	0,008	FALSE
-0,010	0,303	0,000	0,008	0,013	FALSE
0,097	0,315	0,003	0,008	0,137	FALSE
0,141	0,301	0,005	0,010	0,205	FALSE
0,143	0,308	0,005	0,009	0,219	FALSE
0,119	0,306	0,004	0,010	0,178	FALSE
0,125	0,306	0,004	0,009	0,184	FALSE
-0,026	0,309	-0,001	0,010	0,036	FALSE
0,003	0,311	0,001	0,010	0,019	FALSE
0,002	0,314	0,000	0,008	0,001	FALSE
-0,069	0,310	-0,004	0,013	0,105	FALSE
0,110	0,292	0,003	0,007	0,182	FALSE
0,135	0,318	0,006	0,012	0,198	FALSE
0,115	0,309	0,005	0,012	0,178	FALSE
-0,111	0,300	-0,005	0,012	0,172	FALSE
0,004	0,314	0,000	0,008	0,005	FALSE
0,020	0,322	0,000	0,009	0,014	FALSE
0,076	0,316	0,002	0,011	0,068	FALSE

-0,038	0,307	-0,001	0,013	0,031	FALSE
0,046	0,313	0,001	0,010	0,045	FALSE
-0,128	0,293	-0,003	0,008	0,169	FALSE
0,167	0,302	0,007	0,013	0,231	FALSE
-0,058	0,316	-0,001	0,008	0,060	FALSE
-0,124	0,311	-0,003	0,008	0,155	FALSE
-0,089	0,309	-0,002	0,009	0,087	FALSE
0,025	0,295	0,000	0,012	0,012	FALSE
-0,090	0,312	-0,002	0,008	0,110	FALSE
0,029	0,293	0,001	0,009	0,034	FALSE
-0,064	0,298	-0,001	0,007	0,080	FALSE
-0,099	0,293	-0,003	0,010	0,127	FALSE
-0,037	0,299	0,000	0,013	0,009	FALSE
0,033	0,314	0,001	0,010	0,026	FALSE
0,058	0,298	0,002	0,010	0,073	FALSE
0,154	0,290	0,004	0,009	0,185	FALSE
-0,070	0,317	-0,002	0,009	0,087	FALSE
-0,112	0,297	-0,003	0,006	0,166	FALSE
0,014	0,303	0,000	0,008	0,006	FALSE
-0,093	0,302	-0,003	0,009	0,133	FALSE
0,134	0,292	0,004	0,009	0,192	FALSE
0,260	0,294	0,009	0,010	0,439	FALSE
0,184	0,298	0,007	0,010	0,292	FALSE
-0,045	0,308	-0,002	0,012	0,071	FALSE
0,047	0,298	0,002	0,007	0,091	FALSE
-0,114	0,314	-0,005	0,013	0,167	FALSE
0,000	0,303	0,000	0,010	0,016	FALSE
-0,052	0,303	-0,003	0,012	0,090	FALSE
-0,096	0,321	-0,005	0,014	0,140	FALSE
-0,102	0,313	-0,003	0,011	0,115	FALSE
0,032	0,323	0,001	0,008	0,038	FALSE
-0,062	0,308	-0,003	0,010	0,107	FALSE
-0,046	0,310	-0,002	0,009	0,071	FALSE
-0,097	0,308	-0,003	0,009	0,108	FALSE
-0,095	0,292	-0,002	0,007	0,130	FALSE
-0,044	0,304	-0,001	0,008	0,072	FALSE
0,094	0,299	0,002	0,009	0,087	FALSE
0,047	0,305	0,001	0,012	0,037	FALSE
0,079	0,312	0,003	0,011	0,111	FALSE
-0,070	0,298	-0,001	0,010	0,053	FALSE
-0,066	0,305	-0,002	0,010	0,060	FALSE
0,063	0,313	0,002	0,010	0,087	FALSE
0,087	0,306	0,002	0,008	0,107	FALSE
0,000	0,288	0,000	0,011	0,004	FALSE
-0,029	0,290	-0,001	0,012	0,040	FALSE
-0,024	0,291	0,000	0,007	0,011	FALSE
-0,048	0,305	-0,002	0,009	0,064	FALSE
0,004	0,317	0,001	0,013	0,021	FALSE
-0,054	0,291	-0,002	0,009	0,075	FALSE
-0,032	0,311	-0,001	0,012	0,027	FALSE
-0,024	0,303	-0,001	0,011	0,020	FALSE
0,103	0,305	0,002	0,007	0,130	FALSE
0,099	0,303	0,003	0,008	0,164	FALSE

-0,029	0,305	-0,001	0,011	0,044	FALSE
0,040	0,303	0,001	0,013	0,022	FALSE
0,172	0,302	0,004	0,008	0,222	FALSE
0,175	0,299	0,005	0,008	0,250	FALSE
0,199	0,290	0,007	0,010	0,290	FALSE
0,030	0,303	0,001	0,010	0,056	FALSE
0,144	0,316	0,004	0,009	0,204	FALSE
0,135	0,305	0,002	0,007	0,145	FALSE
0,016	0,316	0,001	0,013	0,022	FALSE
0,113	0,319	0,004	0,012	0,126	FALSE
-0,006	0,305	0,000	0,010	0,010	FALSE
-0,130	0,302	-0,003	0,009	0,163	FALSE
0,015	0,287	0,002	0,010	0,061	FALSE
0,007	0,313	0,001	0,013	0,038	FALSE
-0,087	0,302	-0,005	0,013	0,161	FALSE
-0,015	0,304	0,000	0,007	0,008	FALSE
-0,155	0,294	-0,005	0,012	0,189	FALSE
-0,112	0,293	-0,002	0,008	0,111	FALSE
-0,124	0,322	-0,003	0,008	0,142	FALSE
-0,134	0,319	-0,003	0,008	0,167	FALSE
-0,038	0,302	-0,001	0,009	0,055	FALSE
-0,134	0,309	-0,006	0,013	0,191	FALSE
0,007	0,314	0,000	0,009	0,011	FALSE
0,058	0,299	0,002	0,009	0,096	FALSE
0,070	0,315	0,003	0,012	0,093	FALSE
0,042	0,314	0,002	0,012	0,049	FALSE
-0,001	0,313	0,000	0,010	0,006	FALSE
0,050	0,310	0,001	0,007	0,081	FALSE
0,091	0,304	0,003	0,010	0,135	FALSE
-0,050	0,317	-0,001	0,010	0,028	FALSE
0,081	0,313	0,003	0,010	0,115	FALSE
0,107	0,301	0,004	0,009	0,169	FALSE
-0,010	0,310	-0,001	0,007	0,032	FALSE
0,070	0,308	0,002	0,007	0,088	FALSE
0,119	0,309	0,005	0,011	0,161	FALSE
0,024	0,311	0,001	0,012	0,036	FALSE
0,005	0,292	0,001	0,011	0,022	FALSE
0,053	0,301	0,002	0,006	0,095	FALSE
0,167	0,299	0,007	0,013	0,260	FALSE
0,026	0,323	0,001	0,012	0,035	FALSE
-0,122	0,298	-0,004	0,009	0,193	FALSE
-0,088	0,327	-0,003	0,009	0,138	FALSE
0,089	0,319	0,002	0,007	0,111	FALSE
0,108	0,306	0,005	0,013	0,158	FALSE
0,024	0,302	0,001	0,007	0,041	FALSE
0,075	0,302	0,002	0,008	0,094	FALSE
-0,140	0,303	-0,007	0,013	0,220	FALSE
0,056	0,316	0,001	0,009	0,056	FALSE
0,072	0,291	0,002	0,007	0,095	FALSE
0,072	0,303	0,003	0,011	0,101	FALSE
0,035	0,297	0,002	0,011	0,054	FALSE
0,160	0,306	0,004	0,008	0,218	FALSE
0,141	0,303	0,004	0,009	0,202	FALSE

-0,028	0,307	-0,001	0,012	0,035	FALSE
0,100	0,290	0,002	0,008	0,117	FALSE
-0,054	0,334	-0,001	0,008	0,042	FALSE
0,031	0,322	0,002	0,012	0,050	FALSE
0,004	0,300	-0,001	0,012	0,028	FALSE
-0,020	0,300	-0,001	0,009	0,021	FALSE
-0,012	0,312	0,000	0,009	0,012	FALSE
-0,015	0,310	0,000	0,009	0,013	FALSE
0,003	0,308	0,000	0,009	0,012	FALSE
-0,058	0,301	-0,001	0,008	0,043	FALSE
-0,050	0,308	-0,001	0,011	0,042	FALSE
0,057	0,301	0,001	0,011	0,042	FALSE
0,155	0,313	0,004	0,007	0,246	FALSE
0,119	0,300	0,003	0,010	0,136	FALSE
-0,127	0,303	-0,002	0,007	0,135	FALSE
-0,012	0,290	-0,001	0,013	0,032	FALSE
0,057	0,302	0,002	0,009	0,071	FALSE
0,098	0,296	0,003	0,007	0,154	FALSE
0,046	0,321	0,001	0,012	0,039	FALSE
-0,156	0,294	-0,004	0,008	0,180	FALSE
-0,029	0,306	-0,001	0,009	0,048	FALSE
-0,042	0,321	-0,001	0,009	0,028	FALSE
-0,012	0,298	0,000	0,009	0,012	FALSE
-0,015	0,316	0,000	0,008	0,016	FALSE
-0,078	0,301	-0,002	0,012	0,069	FALSE
-0,132	0,308	-0,005	0,012	0,183	FALSE
-0,153	0,323	-0,006	0,013	0,196	FALSE
-0,133	0,310	-0,005	0,012	0,177	FALSE
0,101	0,302	0,004	0,012	0,131	FALSE
0,090	0,310	0,003	0,011	0,108	FALSE
-0,025	0,318	-0,001	0,010	0,055	FALSE
0,018	0,308	0,001	0,010	0,029	FALSE
-0,013	0,300	-0,001	0,013	0,018	FALSE
-0,075	0,302	-0,003	0,008	0,121	FALSE
-0,094	0,314	-0,004	0,013	0,108	FALSE
0,068	0,302	0,002	0,008	0,106	FALSE
0,043	0,318	0,001	0,008	0,049	FALSE
0,081	0,311	0,002	0,009	0,098	FALSE
0,119	0,302	0,003	0,009	0,152	FALSE
-0,060	0,300	-0,002	0,010	0,073	FALSE
-0,068	0,286	-0,002	0,008	0,113	FALSE
0,005	0,314	0,000	0,010	0,000	FALSE
-0,077	0,309	-0,002	0,007	0,109	FALSE
-0,135	0,306	-0,006	0,012	0,196	FALSE
0,007	0,300	0,000	0,006	0,023	FALSE
-0,025	0,299	0,000	0,007	0,017	FALSE
0,153	0,303	0,004	0,008	0,231	FALSE
0,094	0,313	0,003	0,010	0,116	FALSE
-0,041	0,315	-0,001	0,008	0,023	FALSE
0,139	0,294	0,004	0,007	0,224	FALSE
0,116	0,298	0,003	0,007	0,191	FALSE
0,026	0,302	0,002	0,009	0,076	FALSE
-0,127	0,298	-0,003	0,008	0,185	FALSE

-0,090	0,333	-0,003	0,009	0,112	FALSE
0,006	0,305	0,000	0,012	0,013	FALSE
-0,018	0,325	-0,001	0,010	0,021	FALSE
-0,098	0,291	-0,003	0,009	0,130	FALSE
-0,063	0,308	-0,003	0,013	0,080	FALSE
0,050	0,321	0,002	0,010	0,064	FALSE
0,071	0,315	0,003	0,012	0,080	FALSE
-0,162	0,316	-0,006	0,011	0,236	FALSE
-0,149	0,308	-0,005	0,011	0,211	FALSE
-0,077	0,306	-0,003	0,013	0,075	FALSE
-0,050	0,295	-0,002	0,012	0,054	FALSE
0,068	0,300	0,001	0,009	0,056	FALSE
-0,030	0,311	-0,001	0,009	0,052	FALSE
-0,030	0,324	-0,001	0,010	0,042	FALSE
-0,115	0,296	-0,006	0,012	0,189	FALSE
-0,107	0,294	-0,005	0,013	0,161	FALSE
-0,075	0,298	-0,003	0,010	0,122	FALSE
-0,041	0,322	-0,002	0,012	0,075	FALSE
-0,105	0,308	-0,004	0,011	0,157	FALSE
-0,052	0,304	-0,002	0,007	0,090	FALSE
-0,040	0,298	-0,002	0,012	0,053	FALSE
-0,027	0,294	-0,001	0,012	0,038	FALSE
0,040	0,298	0,002	0,011	0,057	FALSE
-0,003	0,310	0,000	0,006	0,024	FALSE
-0,015	0,308	0,000	0,006	0,021	FALSE
0,109	0,295	0,005	0,011	0,161	FALSE
-0,058	0,314	-0,003	0,013	0,078	FALSE
-0,005	0,305	0,000	0,011	0,005	FALSE
0,013	0,309	0,001	0,010	0,023	FALSE
-0,055	0,309	-0,002	0,010	0,061	FALSE
-0,117	0,314	-0,004	0,012	0,143	FALSE
0,074	0,312	0,002	0,006	0,092	FALSE
0,024	0,308	0,000	0,013	0,005	FALSE
-0,016	0,308	0,000	0,009	0,013	FALSE
0,050	0,313	0,001	0,007	0,052	FALSE
-0,039	0,286	-0,002	0,011	0,075	FALSE
-0,031	0,301	-0,001	0,007	0,053	FALSE
0,093	0,294	0,002	0,008	0,129	FALSE
-0,040	0,304	-0,001	0,007	0,047	FALSE
-0,071	0,305	-0,001	0,006	0,078	FALSE
-0,017	0,310	-0,001	0,009	0,020	FALSE
-0,056	0,308	-0,001	0,008	0,044	FALSE
0,053	0,317	0,001	0,007	0,054	FALSE
-0,080	0,317	-0,002	0,012	0,071	FALSE
-0,011	0,308	-0,001	0,013	0,019	FALSE
0,108	0,309	0,003	0,009	0,136	FALSE
-0,031	0,301	-0,001	0,012	0,041	FALSE
-0,107	0,297	-0,002	0,006	0,127	FALSE
-0,087	0,298	-0,002	0,006	0,130	FALSE
-0,043	0,306	-0,001	0,007	0,050	FALSE
-0,073	0,313	-0,002	0,009	0,085	FALSE
-0,027	0,304	-0,001	0,007	0,042	FALSE
-0,088	0,308	-0,002	0,009	0,092	FALSE

0,033	0,319	0,001	0,011	0,026	FALSE
0,033	0,313	0,001	0,013	0,031	FALSE
0,002	0,306	0,000	0,012	0,014	FALSE
-0,075	0,304	-0,004	0,012	0,122	FALSE
-0,129	0,301	-0,005	0,012	0,184	FALSE
-0,058	0,330	-0,003	0,013	0,073	FALSE
0,066	0,330	0,003	0,013	0,083	FALSE
-0,079	0,306	-0,002	0,008	0,101	FALSE
0,022	0,327	0,002	0,013	0,046	FALSE
0,037	0,305	0,001	0,012	0,041	FALSE
-0,074	0,311	-0,002	0,007	0,098	FALSE
-0,066	0,304	-0,002	0,011	0,071	FALSE
-0,035	0,316	-0,001	0,008	0,056	FALSE
0,004	0,314	-0,001	0,013	0,020	FALSE
0,066	0,294	0,002	0,010	0,090	FALSE
0,020	0,308	0,000	0,007	0,001	FALSE
-0,101	0,315	-0,003	0,007	0,147	FALSE
-0,002	0,303	0,000	0,007	0,018	FALSE
0,055	0,296	0,003	0,013	0,092	FALSE
-0,003	0,309	0,000	0,007	0,011	FALSE
0,043	0,291	0,002	0,012	0,058	FALSE
0,068	0,311	0,003	0,013	0,104	FALSE
0,038	0,317	0,002	0,008	0,087	FALSE
-0,086	0,307	-0,003	0,008	0,155	FALSE
-0,097	0,315	-0,002	0,008	0,112	FALSE
-0,036	0,317	-0,001	0,009	0,030	FALSE
-0,105	0,314	-0,002	0,007	0,114	FALSE
0,023	0,307	0,000	0,009	0,014	FALSE
-0,064	0,296	-0,001	0,008	0,072	FALSE
-0,082	0,297	-0,002	0,010	0,084	FALSE
-0,064	0,307	-0,001	0,006	0,087	FALSE
0,029	0,326	0,001	0,011	0,026	FALSE
-0,030	0,291	-0,001	0,012	0,016	FALSE
0,049	0,311	0,001	0,012	0,042	FALSE
-0,003	0,302	0,001	0,010	0,018	FALSE
0,007	0,299	0,001	0,010	0,032	FALSE
-0,067	0,302	-0,003	0,013	0,082	FALSE
0,045	0,299	0,001	0,008	0,061	FALSE
-0,082	0,300	-0,004	0,012	0,139	FALSE
0,122	0,309	0,003	0,008	0,142	FALSE
0,059	0,314	0,001	0,007	0,080	FALSE
-0,035	0,297	-0,001	0,010	0,034	FALSE
0,019	0,299	0,000	0,006	0,028	FALSE
-0,038	0,304	-0,001	0,008	0,033	FALSE
0,017	0,304	0,001	0,008	0,025	FALSE
0,020	0,301	0,001	0,011	0,045	FALSE
-0,040	0,327	-0,002	0,013	0,046	FALSE
-0,092	0,299	-0,002	0,008	0,089	FALSE
-0,060	0,313	-0,003	0,012	0,098	FALSE
0,036	0,308	0,000	0,013	0,013	FALSE
-0,009	0,317	0,000	0,009	0,015	FALSE
0,142	0,302	0,006	0,013	0,194	FALSE
0,065	0,308	0,002	0,009	0,098	FALSE

0,000	0,292	0,000	0,011	0,012	FALSE
-0,009	0,288	-0,001	0,010	0,032	FALSE
-0,082	0,301	-0,003	0,012	0,115	FALSE
-0,042	0,302	-0,001	0,011	0,049	FALSE
-0,132	0,307	-0,004	0,010	0,156	FALSE
-0,028	0,311	0,000	0,007	0,021	FALSE
-0,205	0,289	-0,009	0,012	0,332	FALSE
0,125	0,310	0,005	0,013	0,160	FALSE
0,119	0,312	0,004	0,013	0,138	FALSE
-0,149	0,302	-0,007	0,012	0,229	FALSE
0,113	0,305	0,005	0,013	0,153	FALSE
-0,146	0,293	-0,007	0,013	0,224	FALSE
-0,180	0,296	-0,007	0,012	0,263	FALSE
-0,110	0,304	-0,004	0,012	0,121	FALSE
-0,006	0,294	0,000	0,007	0,007	FALSE
-0,036	0,311	-0,002	0,010	0,083	FALSE
-0,160	0,308	-0,003	0,007	0,202	FALSE
0,005	0,308	0,000	0,010	0,012	FALSE
0,084	0,312	0,003	0,013	0,083	FALSE
-0,022	0,309	-0,002	0,012	0,050	FALSE
-0,105	0,309	-0,004	0,011	0,159	FALSE
-0,074	0,318	-0,002	0,008	0,074	FALSE
-0,008	0,312	0,001	0,013	0,025	FALSE
0,048	0,297	0,001	0,007	0,043	FALSE
0,037	0,300	0,001	0,013	0,020	FALSE
-0,002	0,288	-0,001	0,011	0,020	FALSE
-0,035	0,307	-0,001	0,011	0,017	FALSE
0,034	0,316	0,002	0,012	0,056	FALSE
0,032	0,308	0,002	0,010	0,056	FALSE
0,005	0,307	0,000	0,007	0,015	FALSE
-0,089	0,290	-0,003	0,007	0,143	FALSE
-0,094	0,290	-0,005	0,012	0,170	FALSE
-0,111	0,302	-0,003	0,010	0,142	FALSE
0,053	0,299	0,002	0,009	0,072	FALSE
0,019	0,302	0,001	0,011	0,021	FALSE
0,086	0,312	0,002	0,007	0,098	FALSE
-0,081	0,307	-0,003	0,012	0,095	FALSE
0,095	0,310	0,004	0,013	0,136	FALSE
0,070	0,296	0,003	0,012	0,103	FALSE
0,070	0,306	0,004	0,013	0,114	FALSE
0,065	0,297	0,004	0,013	0,110	FALSE
-0,103	0,302	-0,004	0,012	0,150	FALSE
0,030	0,284	0,001	0,009	0,044	FALSE
-0,021	0,308	-0,001	0,012	0,027	FALSE
0,082	0,285	0,003	0,012	0,097	FALSE
0,033	0,307	0,001	0,008	0,023	FALSE
-0,071	0,317	-0,002	0,010	0,090	FALSE
0,112	0,294	0,004	0,012	0,138	FALSE
-0,020	0,309	0,000	0,006	0,026	FALSE
0,076	0,313	0,002	0,010	0,093	FALSE
-0,141	0,305	-0,005	0,010	0,215	FALSE
-0,075	0,305	-0,001	0,007	0,066	FALSE
-0,092	0,308	-0,003	0,009	0,132	FALSE

0,029	0,296	0,001	0,008	0,065	FALSE
-0,081	0,311	-0,002	0,007	0,091	FALSE
0,029	0,300	0,001	0,009	0,027	FALSE
-0,024	0,313	-0,001	0,010	0,056	FALSE
0,082	0,309	0,002	0,010	0,088	FALSE
0,022	0,306	0,000	0,010	0,013	FALSE
0,006	0,300	0,001	0,007	0,042	FALSE
0,053	0,307	0,002	0,008	0,086	FALSE
-0,010	0,302	-0,001	0,011	0,020	FALSE
-0,029	0,317	-0,001	0,013	0,030	FALSE
-0,044	0,312	-0,001	0,007	0,041	FALSE
0,011	0,307	0,000	0,007	0,018	FALSE
0,045	0,309	0,001	0,009	0,053	FALSE
0,049	0,298	0,001	0,009	0,061	FALSE
-0,046	0,305	-0,001	0,009	0,045	FALSE
-0,013	0,311	0,000	0,009	0,011	FALSE
-0,104	0,306	-0,002	0,008	0,117	FALSE
-0,217	0,293	-0,005	0,006	0,329	FALSE
-0,167	0,315	-0,007	0,013	0,246	FALSE
0,006	0,322	0,000	0,008	0,016	FALSE
0,054	0,307	0,002	0,007	0,087	FALSE
-0,087	0,314	-0,003	0,011	0,119	FALSE
0,056	0,297	0,001	0,008	0,065	FALSE
-0,049	0,303	-0,002	0,008	0,078	FALSE
0,015	0,294	0,001	0,012	0,019	FALSE
0,029	0,313	0,001	0,010	0,035	FALSE
0,151	0,318	0,006	0,013	0,200	FALSE
-0,020	0,299	-0,002	0,013	0,047	FALSE
0,122	0,298	0,005	0,012	0,173	FALSE
0,087	0,313	0,002	0,007	0,133	FALSE
-0,052	0,303	-0,001	0,008	0,050	FALSE
-0,098	0,319	-0,005	0,012	0,155	FALSE
0,018	0,308	0,001	0,007	0,039	FALSE
-0,002	0,310	0,000	0,009	0,000	FALSE
0,029	0,314	0,002	0,012	0,044	FALSE
0,057	0,310	0,002	0,010	0,085	FALSE
-0,058	0,307	-0,001	0,008	0,062	FALSE
0,099	0,309	0,003	0,008	0,130	FALSE
-0,161	0,317	-0,005	0,008	0,230	FALSE
0,084	0,301	0,002	0,008	0,119	FALSE
-0,002	0,316	-0,001	0,010	0,019	FALSE
-0,035	0,312	-0,001	0,010	0,042	FALSE
-0,018	0,311	-0,001	0,012	0,030	FALSE
0,092	0,307	0,003	0,011	0,093	FALSE
0,060	0,307	0,002	0,011	0,062	FALSE
-0,049	0,298	-0,001	0,006	0,071	FALSE
0,097	0,308	0,004	0,011	0,150	FALSE
0,139	0,326	0,006	0,012	0,201	FALSE
0,122	0,292	0,006	0,011	0,221	FALSE
0,137	0,298	0,006	0,011	0,226	FALSE
0,042	0,302	0,001	0,007	0,063	FALSE
-0,024	0,296	-0,001	0,007	0,036	FALSE
-0,075	0,297	-0,002	0,008	0,095	FALSE

0,206	0,304	0,009	0,013	0,317	FALSE
0,030	0,309	0,001	0,006	0,041	FALSE
0,121	0,296	0,005	0,012	0,171	FALSE
0,025	0,295	0,001	0,011	0,039	FALSE
0,036	0,292	0,001	0,007	0,048	FALSE
0,039	0,319	0,001	0,008	0,056	FALSE
-0,061	0,304	-0,002	0,007	0,101	FALSE
-0,118	0,322	-0,002	0,007	0,121	FALSE
-0,071	0,312	-0,002	0,011	0,070	FALSE
-0,039	0,301	-0,001	0,011	0,030	FALSE
0,001	0,326	0,000	0,010	0,015	FALSE
-0,150	0,308	-0,005	0,010	0,199	FALSE
0,053	0,313	0,001	0,010	0,048	FALSE
0,006	0,310	0,000	0,007	0,019	FALSE
0,092	0,310	0,003	0,010	0,122	FALSE
0,047	0,298	0,001	0,009	0,046	FALSE
0,096	0,312	0,003	0,011	0,113	FALSE
-0,022	0,300	-0,001	0,007	0,044	FALSE
-0,055	0,307	-0,002	0,010	0,083	FALSE
0,054	0,296	0,001	0,009	0,053	FALSE
-0,091	0,282	-0,003	0,010	0,145	FALSE
0,050	0,281	0,002	0,008	0,075	FALSE
0,093	0,301	0,003	0,010	0,118	FALSE
-0,067	0,297	-0,001	0,006	0,065	FALSE
0,052	0,302	0,001	0,008	0,067	FALSE
-0,113	0,310	-0,003	0,007	0,158	FALSE
-0,055	0,313	-0,002	0,010	0,060	FALSE
0,054	0,296	0,001	0,007	0,050	FALSE
0,149	0,298	0,006	0,011	0,231	FALSE
0,016	0,303	0,000	0,009	0,013	FALSE
0,095	0,305	0,003	0,006	0,165	FALSE
0,109	0,296	0,005	0,012	0,173	FALSE
0,095	0,302	0,004	0,011	0,146	FALSE
-0,016	0,305	0,000	0,011	0,006	FALSE
-0,020	0,308	0,000	0,009	0,011	FALSE
-0,015	0,309	-0,001	0,009	0,024	FALSE
-0,036	0,313	-0,002	0,012	0,071	FALSE
-0,018	0,301	0,000	0,007	0,024	FALSE
-0,082	0,294	-0,003	0,013	0,085	FALSE
-0,100	0,303	-0,003	0,009	0,133	FALSE
-0,047	0,315	-0,002	0,008	0,079	FALSE
-0,023	0,311	-0,001	0,010	0,023	FALSE
-0,028	0,317	-0,001	0,010	0,023	FALSE
-0,084	0,301	-0,003	0,012	0,076	FALSE
-0,063	0,292	-0,002	0,012	0,053	FALSE
0,028	0,307	0,001	0,012	0,037	FALSE
0,008	0,320	0,000	0,013	0,000	FALSE
-0,084	0,311	-0,003	0,010	0,103	FALSE
0,045	0,316	0,000	0,008	0,018	FALSE
0,050	0,295	0,002	0,007	0,084	FALSE
-0,075	0,299	-0,003	0,010	0,092	FALSE
0,011	0,321	0,000	0,007	0,022	FALSE
0,056	0,300	0,002	0,007	0,080	FALSE

0,123	0,303	0,004	0,010	0,159	FALSE
-0,008	0,305	0,000	0,008	0,013	FALSE
-0,016	0,319	0,000	0,007	0,022	FALSE
-0,079	0,310	-0,002	0,009	0,107	FALSE
0,025	0,304	0,001	0,008	0,024	FALSE
-0,046	0,309	-0,003	0,013	0,088	FALSE
0,091	0,298	0,002	0,009	0,114	FALSE
0,034	0,306	0,001	0,012	0,031	FALSE
-0,064	0,300	-0,002	0,007	0,085	FALSE
0,074	0,302	0,002	0,009	0,105	FALSE
0,110	0,304	0,002	0,006	0,144	FALSE
-0,032	0,316	-0,001	0,007	0,035	FALSE
-0,011	0,299	0,000	0,008	0,005	FALSE
0,067	0,306	0,001	0,008	0,057	FALSE
-0,212	0,303	-0,010	0,013	0,357	FALSE
0,190	0,310	0,007	0,010	0,323	FALSE
0,117	0,304	0,003	0,008	0,162	FALSE
0,120	0,295	0,005	0,010	0,206	FALSE
-0,137	0,316	-0,005	0,010	0,185	FALSE
0,077	0,310	0,002	0,007	0,103	FALSE
-0,021	0,302	-0,001	0,010	0,046	FALSE
-0,155	0,307	-0,005	0,009	0,235	FALSE
0,088	0,316	0,002	0,008	0,107	FALSE
0,001	0,301	0,000	0,008	0,017	FALSE
0,038	0,308	0,001	0,010	0,045	FALSE
0,038	0,304	0,002	0,010	0,058	FALSE
0,062	0,312	0,002	0,007	0,079	FALSE
-0,027	0,318	-0,001	0,007	0,036	FALSE
0,102	0,310	0,005	0,013	0,156	FALSE
-0,039	0,304	-0,002	0,012	0,049	FALSE
0,026	0,303	0,001	0,009	0,054	FALSE
-0,005	0,285	-0,001	0,011	0,027	FALSE
0,003	0,305	0,000	0,008	0,012	FALSE
0,045	0,300	0,001	0,008	0,058	FALSE
0,020	0,319	0,000	0,009	0,015	FALSE
0,021	0,307	0,001	0,009	0,022	FALSE
0,010	0,314	0,000	0,009	0,008	FALSE
0,035	0,306	0,001	0,009	0,049	FALSE
0,046	0,299	0,001	0,009	0,052	FALSE
0,015	0,306	0,000	0,009	0,019	FALSE
0,042	0,295	0,001	0,008	0,038	FALSE
-0,076	0,295	-0,003	0,012	0,097	FALSE
0,057	0,305	0,002	0,010	0,079	FALSE
0,045	0,311	0,002	0,010	0,090	FALSE
-0,058	0,317	-0,002	0,007	0,080	FALSE
0,071	0,320	0,003	0,011	0,097	FALSE
-0,026	0,295	-0,001	0,010	0,039	FALSE
-0,027	0,315	-0,001	0,010	0,034	FALSE
-0,019	0,296	-0,002	0,013	0,055	FALSE
-0,042	0,315	-0,001	0,009	0,051	FALSE
-0,073	0,310	-0,002	0,008	0,103	FALSE
0,023	0,305	0,000	0,008	0,018	FALSE
0,050	0,308	0,002	0,009	0,076	FALSE

-0,122	0,308	-0,004	0,008	0,181	FALSE
-0,208	0,302	-0,008	0,011	0,333	FALSE
-0,227	0,296	-0,009	0,011	0,380	FALSE
0,065	0,313	0,003	0,012	0,107	FALSE
0,101	0,303	0,005	0,011	0,172	FALSE
0,024	0,296	0,000	0,007	0,013	FALSE
0,149	0,285	0,006	0,010	0,282	FALSE
-0,019	0,313	0,000	0,008	0,021	FALSE
-0,009	0,299	0,000	0,012	0,014	FALSE
0,014	0,315	0,000	0,008	0,018	FALSE
-0,030	0,312	-0,001	0,009	0,025	FALSE
-0,007	0,309	0,000	0,009	0,005	FALSE
-0,009	0,305	0,000	0,009	0,012	FALSE
-0,026	0,314	-0,001	0,010	0,029	FALSE
0,141	0,309	0,004	0,009	0,179	FALSE
0,016	0,316	0,000	0,011	0,010	FALSE
0,027	0,305	0,001	0,013	0,021	FALSE
0,052	0,306	0,001	0,006	0,053	FALSE
0,171	0,301	0,004	0,007	0,281	FALSE
0,023	0,306	0,000	0,007	0,006	FALSE
0,056	0,293	0,003	0,012	0,092	FALSE
-0,139	0,302	-0,007	0,012	0,248	FALSE
0,060	0,304	0,001	0,011	0,044	FALSE
-0,016	0,321	-0,001	0,012	0,042	FALSE
-0,121	0,300	-0,005	0,011	0,170	FALSE
0,063	0,316	0,002	0,009	0,081	FALSE
0,097	0,293	0,003	0,008	0,142	FALSE
0,035	0,297	0,000	0,013	0,014	FALSE
-0,044	0,318	-0,001	0,007	0,064	FALSE
0,015	0,318	0,001	0,007	0,031	FALSE
0,129	0,298	0,003	0,007	0,196	FALSE
0,003	0,305	0,000	0,007	0,005	FALSE
0,124	0,311	0,005	0,012	0,153	FALSE
0,027	0,306	0,001	0,013	0,022	FALSE
-0,206	0,294	-0,004	0,006	0,290	FALSE
0,104	0,318	0,003	0,011	0,116	FALSE
-0,024	0,312	-0,001	0,010	0,039	FALSE
-0,054	0,309	-0,002	0,010	0,073	FALSE
-0,009	0,302	0,000	0,010	0,006	FALSE
-0,095	0,308	-0,002	0,007	0,139	FALSE
-0,014	0,301	-0,001	0,008	0,022	FALSE
-0,011	0,307	0,000	0,006	0,003	FALSE
-0,124	0,308	-0,004	0,008	0,199	FALSE
-0,179	0,293	-0,010	0,013	0,371	FALSE
0,034	0,324	0,001	0,007	0,055	FALSE
-0,019	0,303	0,000	0,007	0,004	FALSE
-0,079	0,304	-0,003	0,009	0,132	FALSE
-0,030	0,311	-0,001	0,008	0,024	FALSE
0,028	0,325	0,001	0,008	0,046	FALSE
-0,073	0,309	-0,002	0,008	0,101	FALSE
0,015	0,312	0,000	0,007	0,019	FALSE
-0,182	0,300	-0,005	0,007	0,274	FALSE
-0,178	0,304	-0,007	0,011	0,288	FALSE

0,006	0,306	0,000	0,008	0,003	FALSE
-0,163	0,301	-0,004	0,007	0,295	FALSE
-0,126	0,306	-0,003	0,008	0,160	FALSE
-0,161	0,303	-0,004	0,009	0,214	FALSE
0,058	0,297	0,001	0,012	0,031	FALSE
-0,011	0,293	0,000	0,006	0,026	FALSE
0,168	0,301	0,005	0,008	0,239	FALSE
-0,020	0,305	0,000	0,008	0,018	FALSE
-0,028	0,299	0,000	0,008	0,015	FALSE
0,034	0,306	0,001	0,007	0,046	FALSE
-0,113	0,294	-0,006	0,012	0,196	FALSE
0,015	0,311	0,001	0,011	0,028	FALSE
0,049	0,296	0,001	0,009	0,052	FALSE
0,113	0,311	0,004	0,010	0,149	FALSE
0,017	0,292	0,000	0,009	0,000	FALSE
0,023	0,311	0,000	0,010	0,014	FALSE
0,101	0,307	0,002	0,007	0,120	FALSE
-0,020	0,304	-0,001	0,011	0,019	FALSE
-0,060	0,310	-0,001	0,009	0,031	FALSE
-0,103	0,283	-0,003	0,008	0,167	FALSE
-0,017	0,312	0,000	0,011	0,011	FALSE
-0,019	0,311	0,000	0,011	0,014	FALSE
0,095	0,309	0,002	0,007	0,097	FALSE
-0,145	0,289	-0,005	0,011	0,198	FALSE
0,057	0,315	0,002	0,009	0,084	FALSE
-0,086	0,308	-0,002	0,007	0,106	FALSE
0,030	0,311	0,001	0,008	0,048	FALSE
0,039	0,320	0,002	0,011	0,051	FALSE
-0,111	0,298	-0,003	0,009	0,119	FALSE
-0,121	0,300	-0,005	0,010	0,188	FALSE
-0,020	0,313	0,001	0,009	0,026	FALSE
-0,118	0,317	-0,005	0,012	0,181	FALSE
-0,023	0,291	-0,001	0,009	0,019	FALSE
-0,044	0,305	-0,001	0,009	0,049	FALSE
0,119	0,310	0,005	0,013	0,172	FALSE
-0,186	0,296	-0,007	0,011	0,279	TRUE
-0,078	0,315	-0,003	0,013	0,087	FALSE
-0,030	0,313	-0,001	0,006	0,047	FALSE
0,068	0,284	0,002	0,012	0,069	FALSE
-0,087	0,304	-0,004	0,012	0,121	FALSE
0,088	0,293	0,003	0,008	0,147	FALSE
0,038	0,313	0,001	0,007	0,069	FALSE
0,025	0,312	0,001	0,008	0,055	FALSE
-0,054	0,297	-0,001	0,008	0,059	FALSE
-0,009	0,294	-0,002	0,012	0,057	FALSE
-0,065	0,299	-0,002	0,007	0,098	FALSE
-0,079	0,310	-0,002	0,007	0,099	FALSE
-0,087	0,309	-0,004	0,013	0,111	FALSE
-0,125	0,298	-0,004	0,009	0,181	FALSE
0,124	0,294	0,005	0,012	0,177	FALSE
-0,068	0,311	-0,002	0,010	0,090	FALSE
0,097	0,296	0,003	0,010	0,103	FALSE
0,155	0,303	0,007	0,013	0,210	FALSE

-0,085	0,310	-0,002	0,008	0,104	FALSE
-0,133	0,302	-0,003	0,007	0,175	FALSE
-0,228	0,289	-0,008	0,011	0,368	FALSE
0,053	0,304	0,003	0,013	0,082	FALSE
0,068	0,303	0,003	0,013	0,099	FALSE
0,054	0,304	0,003	0,012	0,082	FALSE
-0,036	0,307	-0,002	0,012	0,059	FALSE
0,050	0,303	0,001	0,011	0,048	FALSE
-0,044	0,302	-0,002	0,013	0,054	FALSE
-0,098	0,305	-0,002	0,007	0,101	FALSE
0,030	0,294	0,001	0,009	0,030	FALSE
-0,074	0,299	-0,002	0,011	0,069	FALSE
-0,085	0,303	-0,002	0,007	0,096	FALSE
-0,008	0,304	-0,001	0,010	0,019	FALSE
0,048	0,307	0,001	0,007	0,044	FALSE
0,066	0,315	0,001	0,007	0,082	FALSE
0,028	0,321	0,001	0,007	0,032	FALSE
0,077	0,309	0,002	0,009	0,084	FALSE
-0,065	0,300	-0,002	0,011	0,058	FALSE
-0,051	0,293	-0,001	0,008	0,041	FALSE
0,032	0,288	0,001	0,006	0,053	FALSE
-0,024	0,314	-0,001	0,012	0,033	FALSE
-0,061	0,314	-0,002	0,012	0,069	FALSE
-0,042	0,314	-0,001	0,008	0,055	FALSE
-0,036	0,316	-0,001	0,008	0,038	FALSE
-0,088	0,299	-0,003	0,010	0,137	FALSE
-0,087	0,305	-0,002	0,009	0,092	FALSE
-0,079	0,301	-0,002	0,011	0,078	FALSE
0,116	0,297	0,004	0,010	0,171	FALSE
-0,122	0,311	-0,003	0,007	0,154	FALSE
-0,180	0,286	-0,006	0,009	0,318	FALSE
-0,197	0,307	-0,007	0,010	0,319	FALSE
0,004	0,304	-0,001	0,009	0,021	FALSE
0,122	0,303	0,004	0,009	0,198	FALSE
-0,017	0,301	-0,001	0,007	0,042	FALSE
0,057	0,308	0,002	0,012	0,074	FALSE
0,032	0,308	0,001	0,011	0,024	FALSE
-0,059	0,294	-0,002	0,006	0,096	FALSE
0,044	0,305	0,001	0,007	0,060	FALSE
0,018	0,324	0,000	0,006	0,002	FALSE
-0,050	0,302	-0,002	0,007	0,095	FALSE
-0,056	0,301	-0,002	0,008	0,075	FALSE
-0,071	0,305	-0,003	0,010	0,112	FALSE
-0,087	0,313	-0,004	0,012	0,130	FALSE
-0,150	0,298	-0,004	0,008	0,216	FALSE
-0,036	0,298	-0,001	0,011	0,044	FALSE
-0,034	0,309	-0,001	0,007	0,037	FALSE
0,150	0,304	0,005	0,010	0,213	FALSE
0,119	0,307	0,003	0,008	0,177	FALSE
0,192	0,291	0,006	0,010	0,286	FALSE
-0,112	0,297	-0,005	0,011	0,169	FALSE
0,166	0,302	0,007	0,011	0,253	FALSE
0,091	0,290	0,003	0,009	0,144	FALSE

-0,081	0,305	-0,003	0,012	0,084	FALSE
0,019	0,307	0,001	0,011	0,049	FALSE
-0,022	0,289	0,000	0,012	0,003	FALSE
0,110	0,300	0,004	0,009	0,170	FALSE
0,022	0,303	0,002	0,012	0,064	FALSE
0,049	0,301	0,002	0,010	0,064	FALSE
-0,057	0,290	-0,002	0,011	0,055	FALSE
0,052	0,311	0,001	0,007	0,064	FALSE
0,082	0,308	0,002	0,009	0,089	FALSE
-0,069	0,307	-0,002	0,012	0,082	FALSE
0,072	0,303	0,002	0,007	0,086	FALSE
-0,048	0,301	-0,002	0,013	0,065	FALSE
0,033	0,315	0,001	0,011	0,041	FALSE
0,025	0,311	0,001	0,007	0,043	FALSE
0,030	0,307	0,001	0,011	0,042	FALSE
-0,182	0,299	-0,007	0,011	0,311	FALSE
0,017	0,305	0,000	0,007	0,020	FALSE
0,003	0,287	0,000	0,009	0,002	FALSE
-0,002	0,301	0,000	0,009	0,001	FALSE
-0,140	0,303	-0,006	0,011	0,217	FALSE
-0,167	0,303	-0,007	0,010	0,281	FALSE
-0,120	0,319	-0,003	0,008	0,142	FALSE
0,033	0,307	0,001	0,011	0,038	FALSE
-0,007	0,305	0,000	0,007	0,004	FALSE
0,039	0,298	0,002	0,013	0,046	FALSE
0,041	0,308	0,001	0,013	0,024	FALSE
0,056	0,304	0,003	0,011	0,093	FALSE
0,062	0,308	0,003	0,012	0,095	FALSE
0,063	0,312	0,002	0,009	0,087	FALSE
0,091	0,291	0,004	0,013	0,135	FALSE
-0,001	0,297	0,000	0,008	0,018	FALSE
-0,119	0,298	-0,002	0,006	0,171	FALSE
-0,069	0,307	-0,002	0,008	0,108	FALSE
0,114	0,305	0,003	0,008	0,173	FALSE
-0,093	0,311	-0,002	0,008	0,097	FALSE
-0,013	0,310	0,000	0,011	0,010	FALSE
0,007	0,316	0,000	0,011	0,011	FALSE
0,043	0,307	0,002	0,007	0,086	FALSE
-0,045	0,314	-0,002	0,009	0,071	FALSE
0,045	0,298	0,001	0,007	0,052	FALSE
0,055	0,303	0,003	0,011	0,098	FALSE
0,060	0,311	0,002	0,008	0,108	FALSE
0,011	0,302	0,000	0,011	0,005	FALSE
-0,057	0,305	-0,001	0,007	0,044	FALSE
-0,101	0,307	-0,002	0,006	0,132	FALSE
-0,103	0,305	-0,002	0,006	0,129	FALSE
0,098	0,294	0,002	0,007	0,134	FALSE
0,008	0,320	0,000	0,010	0,003	FALSE
-0,054	0,323	-0,002	0,010	0,081	FALSE
0,035	0,316	0,000	0,007	0,022	FALSE
0,099	0,313	0,003	0,010	0,116	FALSE
-0,183	0,280	-0,007	0,011	0,277	FALSE
-0,054	0,294	-0,002	0,007	0,087	FALSE

-0,121	0,307	-0,003	0,007	0,203	FALSE
-0,078	0,309	-0,002	0,007	0,089	FALSE
0,079	0,311	0,002	0,008	0,082	FALSE
0,076	0,307	0,002	0,008	0,076	FALSE
0,013	0,306	0,001	0,011	0,021	FALSE
-0,045	0,308	-0,001	0,007	0,044	FALSE
-0,128	0,311	-0,006	0,013	0,212	FALSE
0,050	0,312	0,001	0,009	0,061	FALSE
0,206	0,308	0,005	0,007	0,305	FALSE
0,123	0,306	0,005	0,012	0,181	FALSE
0,017	0,314	0,000	0,010	0,002	FALSE
-0,050	0,311	-0,002	0,012	0,078	FALSE
-0,019	0,307	-0,001	0,010	0,054	FALSE
-0,044	0,309	-0,002	0,012	0,056	FALSE
-0,054	0,299	-0,001	0,007	0,083	FALSE
-0,082	0,309	-0,004	0,011	0,126	FALSE
0,047	0,297	0,001	0,013	0,035	FALSE
0,000	0,286	0,001	0,009	0,044	FALSE
-0,057	0,302	-0,002	0,007	0,087	FALSE
0,061	0,306	0,002	0,012	0,058	FALSE
0,050	0,294	0,002	0,011	0,051	FALSE
0,013	0,299	0,002	0,012	0,071	FALSE
-0,001	0,311	0,000	0,009	0,014	FALSE
-0,067	0,290	-0,003	0,012	0,109	FALSE
0,074	0,299	0,002	0,009	0,099	FALSE
-0,058	0,291	-0,003	0,011	0,099	FALSE
-0,096	0,299	-0,003	0,009	0,142	FALSE
0,049	0,284	0,003	0,012	0,077	FALSE
0,055	0,286	0,003	0,012	0,079	FALSE
0,003	0,313	0,000	0,012	0,006	FALSE
-0,126	0,297	-0,003	0,008	0,165	FALSE
-0,171	0,307	-0,004	0,008	0,216	FALSE
0,167	0,302	0,006	0,011	0,230	FALSE
-0,093	0,309	-0,003	0,009	0,130	FALSE
-0,104	0,294	-0,003	0,009	0,143	FALSE
-0,001	0,296	0,000	0,007	0,013	FALSE
0,082	0,301	0,003	0,012	0,113	FALSE
0,075	0,306	0,003	0,013	0,100	FALSE
0,030	0,317	0,000	0,013	0,002	FALSE
-0,048	0,313	-0,001	0,009	0,052	FALSE
0,119	0,308	0,005	0,012	0,150	FALSE
0,000	0,300	0,000	0,006	0,004	FALSE
-0,050	0,301	-0,001	0,008	0,067	FALSE
-0,040	0,299	-0,002	0,012	0,062	FALSE
-0,026	0,308	-0,002	0,013	0,048	FALSE
0,020	0,303	0,001	0,012	0,029	FALSE
-0,026	0,299	-0,001	0,010	0,037	FALSE
0,019	0,304	0,001	0,008	0,034	FALSE
0,091	0,308	0,003	0,007	0,153	FALSE
0,131	0,303	0,003	0,007	0,211	FALSE
-0,040	0,313	-0,001	0,008	0,051	FALSE
-0,107	0,301	-0,004	0,010	0,160	FALSE
0,108	0,306	0,003	0,007	0,165	FALSE

0,024	0,310	0,001	0,013	0,041	FALSE
-0,042	0,298	-0,001	0,009	0,065	FALSE
-0,063	0,308	-0,002	0,007	0,090	FALSE
-0,011	0,303	0,000	0,011	0,014	FALSE
0,038	0,315	0,001	0,007	0,034	FALSE
-0,083	0,318	-0,002	0,008	0,095	FALSE
0,001	0,313	0,000	0,007	0,014	FALSE
0,080	0,307	0,002	0,007	0,122	FALSE
-0,046	0,302	-0,002	0,009	0,068	FALSE
0,030	0,305	0,002	0,011	0,058	FALSE
0,138	0,299	0,005	0,012	0,172	FALSE
0,125	0,305	0,005	0,013	0,167	FALSE
0,063	0,317	0,002	0,008	0,108	FALSE
-0,052	0,308	-0,002	0,013	0,064	FALSE
0,023	0,308	0,001	0,010	0,031	FALSE
0,026	0,294	0,001	0,012	0,021	FALSE
0,079	0,306	0,003	0,012	0,101	FALSE
0,048	0,306	0,002	0,008	0,078	FALSE
-0,080	0,305	-0,002	0,006	0,105	FALSE
-0,041	0,317	-0,001	0,011	0,045	FALSE
-0,044	0,314	-0,001	0,007	0,058	FALSE
-0,046	0,296	-0,002	0,008	0,075	FALSE
-0,037	0,301	-0,001	0,010	0,057	FALSE
0,055	0,301	0,002	0,010	0,079	FALSE
-0,088	0,311	-0,004	0,013	0,128	FALSE
-0,153	0,314	-0,004	0,007	0,228	FALSE
0,049	0,301	0,002	0,009	0,078	FALSE
-0,145	0,291	-0,005	0,011	0,186	FALSE
0,008	0,309	0,000	0,006	0,018	FALSE
-0,002	0,309	0,000	0,007	0,003	FALSE
0,066	0,317	0,003	0,013	0,081	FALSE
0,001	0,306	0,000	0,007	0,012	FALSE
-0,084	0,312	-0,002	0,009	0,093	FALSE
0,065	0,302	0,002	0,008	0,090	FALSE
-0,046	0,313	-0,001	0,008	0,040	FALSE
0,087	0,310	0,003	0,009	0,125	FALSE
0,078	0,293	0,003	0,012	0,085	FALSE
0,088	0,308	0,003	0,012	0,095	FALSE
0,022	0,296	0,000	0,007	0,020	FALSE
-0,090	0,301	-0,002	0,007	0,120	FALSE
0,035	0,303	0,001	0,010	0,052	FALSE
-0,014	0,315	-0,001	0,011	0,021	FALSE
0,147	0,314	0,004	0,008	0,210	FALSE
0,093	0,298	0,003	0,010	0,124	FALSE
-0,032	0,314	-0,002	0,011	0,052	FALSE
-0,004	0,307	0,000	0,007	0,019	FALSE
-0,056	0,323	-0,002	0,013	0,064	FALSE
-0,042	0,316	-0,001	0,012	0,036	FALSE
-0,185	0,299	-0,005	0,007	0,284	FALSE
0,045	0,318	0,001	0,009	0,054	FALSE
-0,085	0,291	-0,003	0,012	0,094	FALSE
-0,278	0,291	-0,012	0,011	0,509	FALSE
0,025	0,313	0,001	0,011	0,031	FALSE

-0,061	0,310	-0,001	0,011	0,051	FALSE
-0,041	0,299	-0,002	0,010	0,060	FALSE
0,007	0,320	0,001	0,013	0,015	FALSE
-0,137	0,301	-0,007	0,012	0,230	FALSE
0,006	0,309	0,000	0,009	0,009	FALSE
-0,114	0,302	-0,006	0,013	0,184	FALSE
-0,016	0,314	-0,001	0,009	0,039	FALSE
-0,036	0,309	-0,002	0,013	0,042	FALSE
0,004	0,302	0,000	0,008	0,006	FALSE
0,059	0,311	0,003	0,011	0,094	FALSE
0,049	0,302	0,002	0,008	0,076	FALSE
-0,026	0,319	-0,001	0,009	0,045	FALSE
-0,024	0,302	-0,001	0,009	0,031	FALSE
0,054	0,312	0,002	0,013	0,067	FALSE
0,024	0,292	0,001	0,012	0,021	FALSE
0,002	0,304	0,000	0,012	0,009	FALSE
0,013	0,310	0,000	0,008	0,014	FALSE
0,046	0,307	0,001	0,009	0,041	FALSE
0,112	0,308	0,003	0,008	0,173	FALSE
-0,089	0,317	-0,002	0,006	0,109	FALSE
-0,056	0,309	-0,001	0,007	0,065	FALSE
0,019	0,318	0,000	0,011	0,010	FALSE
0,018	0,323	0,000	0,012	0,004	FALSE
0,069	0,317	0,002	0,013	0,068	FALSE
-0,009	0,312	0,000	0,013	0,009	FALSE
0,002	0,308	0,001	0,011	0,017	FALSE
-0,057	0,309	-0,001	0,011	0,046	FALSE
-0,053	0,317	-0,002	0,011	0,052	FALSE
-0,021	0,300	0,000	0,007	0,020	FALSE
0,001	0,321	0,001	0,013	0,042	FALSE
0,034	0,314	0,001	0,008	0,048	FALSE
-0,008	0,300	-0,001	0,010	0,022	FALSE
0,051	0,295	0,001	0,013	0,027	FALSE
-0,022	0,315	0,000	0,007	0,018	FALSE
-0,186	0,304	-0,007	0,011	0,270	FALSE
0,019	0,298	0,000	0,012	0,011	FALSE
-0,052	0,312	-0,001	0,007	0,065	FALSE
-0,056	0,307	-0,001	0,007	0,075	FALSE
-0,053	0,305	-0,002	0,012	0,073	FALSE
-0,013	0,309	-0,001	0,007	0,042	FALSE
0,021	0,299	0,000	0,007	0,003	FALSE
-0,025	0,306	-0,001	0,012	0,042	FALSE
0,080	0,315	0,003	0,010	0,116	FALSE
-0,034	0,304	-0,002	0,013	0,060	FALSE
0,125	0,312	0,003	0,008	0,154	FALSE
-0,010	0,292	-0,001	0,007	0,034	FALSE
-0,011	0,313	-0,001	0,013	0,036	FALSE
-0,060	0,322	-0,002	0,013	0,059	FALSE
-0,028	0,301	-0,002	0,012	0,051	FALSE
0,049	0,306	0,001	0,008	0,057	FALSE
0,044	0,286	0,001	0,012	0,043	FALSE
0,152	0,309	0,003	0,007	0,215	FALSE
-0,144	0,309	-0,006	0,010	0,236	FALSE

-0,081	0,310	-0,002	0,008	0,077	FALSE
0,026	0,308	0,001	0,011	0,031	FALSE
-0,022	0,308	0,000	0,009	0,003	FALSE
-0,096	0,305	-0,003	0,010	0,111	FALSE
0,031	0,315	0,001	0,007	0,039	FALSE
-0,057	0,294	-0,002	0,009	0,060	FALSE
-0,019	0,311	-0,001	0,007	0,038	FALSE
0,090	0,311	0,003	0,010	0,104	FALSE
0,075	0,308	0,002	0,012	0,055	FALSE
0,053	0,318	0,001	0,010	0,044	FALSE
0,024	0,309	0,001	0,010	0,037	FALSE
0,042	0,306	0,002	0,011	0,057	FALSE
0,092	0,321	0,003	0,011	0,099	FALSE
-0,104	0,307	-0,006	0,012	0,189	FALSE
-0,007	0,303	-0,001	0,009	0,020	FALSE
-0,084	0,313	-0,002	0,008	0,086	FALSE
-0,027	0,304	-0,001	0,009	0,038	FALSE
0,131	0,311	0,002	0,007	0,144	FALSE
-0,121	0,314	-0,003	0,007	0,165	FALSE
-0,159	0,289	-0,005	0,009	0,210	FALSE
0,156	0,303	0,005	0,010	0,212	FALSE
0,082	0,310	0,003	0,012	0,094	FALSE
0,043	0,309	0,001	0,012	0,032	FALSE
0,012	0,306	0,001	0,011	0,036	FALSE
0,078	0,306	0,002	0,007	0,083	FALSE
-0,091	0,298	-0,002	0,007	0,108	FALSE
0,071	0,317	0,003	0,013	0,073	FALSE
0,055	0,307	0,002	0,012	0,068	FALSE
-0,007	0,321	0,000	0,013	0,000	FALSE
-0,056	0,302	-0,003	0,013	0,075	FALSE
-0,071	0,322	-0,002	0,008	0,088	FALSE
0,057	0,310	0,001	0,009	0,044	FALSE
-0,152	0,307	-0,006	0,011	0,235	FALSE
0,176	0,305	0,005	0,008	0,247	FALSE
0,068	0,294	0,002	0,009	0,088	FALSE
-0,043	0,310	-0,001	0,008	0,064	FALSE
0,086	0,311	0,002	0,012	0,080	FALSE
-0,065	0,286	-0,003	0,011	0,088	FALSE
0,025	0,316	0,001	0,011	0,026	FALSE
-0,012	0,292	0,000	0,006	0,027	FALSE
-0,040	0,322	-0,001	0,007	0,068	FALSE
0,041	0,301	0,002	0,011	0,077	FALSE
0,076	0,304	0,003	0,009	0,140	FALSE
0,033	0,295	0,000	0,007	0,019	FALSE
-0,073	0,297	-0,002	0,007	0,108	FALSE
0,053	0,292	0,001	0,007	0,053	FALSE
-0,012	0,301	-0,001	0,009	0,027	FALSE
0,027	0,316	0,001	0,012	0,028	FALSE
-0,171	0,315	-0,004	0,009	0,208	FALSE
-0,052	0,295	-0,003	0,009	0,131	FALSE
-0,040	0,309	-0,001	0,013	0,021	FALSE
-0,030	0,310	-0,001	0,007	0,035	FALSE
-0,048	0,303	-0,001	0,008	0,065	FALSE

-0,050	0,297	-0,001	0,008	0,060	FALSE
-0,158	0,293	-0,007	0,010	0,283	FALSE
0,011	0,310	0,001	0,012	0,017	FALSE
0,003	0,313	0,000	0,013	0,005	FALSE
-0,003	0,299	0,000	0,012	0,010	FALSE
-0,027	0,313	0,000	0,007	0,011	FALSE
-0,074	0,310	-0,001	0,007	0,071	FALSE
-0,039	0,307	0,000	0,006	0,025	FALSE
-0,005	0,312	0,000	0,007	0,011	FALSE
0,119	0,300	0,004	0,011	0,127	FALSE
0,006	0,307	0,000	0,006	0,019	FALSE
0,038	0,305	0,001	0,006	0,049	FALSE
-0,147	0,311	-0,003	0,007	0,196	FALSE
-0,072	0,303	-0,003	0,012	0,083	FALSE
-0,062	0,285	-0,003	0,012	0,081	FALSE
0,087	0,302	0,003	0,009	0,136	FALSE
-0,063	0,292	-0,002	0,011	0,059	FALSE
0,089	0,301	0,002	0,009	0,102	FALSE
0,129	0,287	0,003	0,006	0,226	FALSE
0,116	0,298	0,004	0,009	0,168	FALSE
-0,104	0,304	-0,003	0,008	0,149	FALSE
-0,059	0,301	-0,002	0,009	0,074	FALSE
0,032	0,312	0,001	0,011	0,044	FALSE
0,024	0,308	0,001	0,011	0,026	FALSE
0,143	0,297	0,004	0,008	0,198	FALSE
0,009	0,300	0,000	0,011	0,001	FALSE
0,153	0,287	0,004	0,008	0,212	FALSE
-0,043	0,309	-0,001	0,012	0,037	FALSE
-0,048	0,315	-0,002	0,013	0,055	FALSE
-0,004	0,312	0,000	0,010	0,008	FALSE
-0,016	0,310	-0,001	0,011	0,022	FALSE
-0,029	0,308	-0,001	0,007	0,049	FALSE
0,026	0,307	0,000	0,010	0,017	FALSE
-0,023	0,300	0,000	0,007	0,009	FALSE
-0,033	0,309	-0,001	0,007	0,045	FALSE
-0,034	0,304	-0,001	0,012	0,026	FALSE
-0,049	0,329	-0,002	0,010	0,057	FALSE
-0,037	0,304	-0,001	0,012	0,033	FALSE
-0,008	0,307	0,000	0,011	0,008	FALSE
-0,047	0,322	-0,001	0,008	0,031	FALSE
0,041	0,288	0,001	0,012	0,036	FALSE
0,079	0,311	0,003	0,013	0,093	FALSE
-0,005	0,299	0,000	0,011	0,003	FALSE
0,079	0,308	0,003	0,010	0,099	FALSE
-0,038	0,302	-0,001	0,011	0,051	FALSE
-0,095	0,317	-0,003	0,011	0,111	FALSE
0,040	0,317	0,002	0,011	0,055	FALSE
0,099	0,310	0,003	0,010	0,124	FALSE
0,051	0,303	0,001	0,008	0,038	FALSE
-0,042	0,321	-0,002	0,012	0,058	FALSE
0,037	0,308	0,001	0,007	0,053	FALSE
0,032	0,326	0,001	0,007	0,070	FALSE
0,060	0,304	0,002	0,006	0,091	FALSE

-0,009	0,312	0,000	0,008	0,019	FALSE
-0,018	0,317	-0,001	0,007	0,035	FALSE
0,075	0,309	0,002	0,010	0,077	FALSE
0,086	0,308	0,003	0,008	0,120	FALSE
0,062	0,307	0,001	0,006	0,052	FALSE
0,039	0,315	0,002	0,013	0,057	FALSE
-0,047	0,313	-0,003	0,010	0,102	FALSE
-0,043	0,316	-0,001	0,011	0,036	FALSE
0,094	0,310	0,004	0,013	0,131	FALSE
-0,020	0,305	-0,002	0,010	0,057	FALSE
0,029	0,323	0,001	0,013	0,026	FALSE
-0,163	0,305	-0,006	0,012	0,201	FALSE
0,113	0,290	0,003	0,007	0,185	FALSE
-0,020	0,296	-0,001	0,011	0,019	FALSE
0,139	0,309	0,004	0,010	0,179	FALSE
-0,044	0,302	-0,002	0,011	0,084	FALSE
-0,066	0,308	-0,003	0,011	0,121	FALSE
-0,052	0,319	-0,003	0,011	0,086	FALSE
0,093	0,318	0,002	0,010	0,098	FALSE
0,111	0,294	0,003	0,009	0,132	FALSE
0,112	0,313	0,003	0,009	0,144	FALSE
0,123	0,298	0,003	0,009	0,161	FALSE
0,014	0,311	0,000	0,011	0,003	FALSE
-0,075	0,301	-0,003	0,011	0,093	FALSE
0,006	0,309	0,000	0,009	0,015	FALSE
-0,062	0,308	-0,002	0,012	0,069	FALSE
-0,058	0,297	-0,003	0,011	0,093	FALSE
0,054	0,320	0,002	0,013	0,066	FALSE
0,059	0,285	0,002	0,008	0,080	FALSE
-0,022	0,306	-0,001	0,007	0,037	FALSE
-0,027	0,312	-0,001	0,007	0,027	FALSE
-0,081	0,307	-0,002	0,008	0,086	FALSE
-0,042	0,305	-0,001	0,011	0,032	FALSE
-0,118	0,312	-0,005	0,012	0,150	FALSE
0,187	0,307	0,007	0,012	0,247	FALSE
-0,026	0,295	-0,002	0,010	0,065	FALSE
0,023	0,303	0,000	0,009	0,004	FALSE
0,040	0,316	0,001	0,008	0,047	FALSE
-0,082	0,317	-0,002	0,008	0,090	FALSE
0,119	0,305	0,004	0,010	0,163	FALSE
-0,110	0,293	-0,004	0,012	0,115	FALSE
-0,154	0,297	-0,005	0,009	0,205	FALSE
-0,135	0,318	-0,006	0,013	0,188	FALSE
-0,151	0,309	-0,005	0,013	0,173	FALSE
0,080	0,309	0,002	0,008	0,095	FALSE
0,087	0,317	0,002	0,008	0,108	FALSE
0,097	0,314	0,003	0,009	0,115	FALSE
-0,127	0,292	-0,005	0,012	0,174	FALSE
-0,103	0,311	-0,005	0,013	0,145	FALSE
0,046	0,305	0,002	0,011	0,074	FALSE
0,075	0,310	0,001	0,006	0,072	FALSE
-0,007	0,313	0,000	0,008	0,007	FALSE
0,021	0,305	0,001	0,011	0,046	FALSE

-0,031	0,304	-0,002	0,009	0,069	FALSE
0,041	0,313	0,002	0,013	0,054	FALSE
0,026	0,313	0,001	0,010	0,052	FALSE
-0,131	0,309	-0,004	0,008	0,204	FALSE
-0,041	0,303	-0,001	0,007	0,035	FALSE
-0,013	0,304	-0,001	0,006	0,050	FALSE
-0,028	0,306	-0,001	0,013	0,028	FALSE
-0,013	0,293	0,000	0,012	0,009	FALSE
-0,044	0,300	-0,001	0,006	0,061	FALSE
0,038	0,309	0,001	0,009	0,043	FALSE
0,012	0,302	0,000	0,009	0,013	FALSE
-0,020	0,317	0,000	0,012	0,013	FALSE
-0,021	0,305	0,000	0,008	0,018	FALSE
0,151	0,296	0,006	0,011	0,220	FALSE
-0,074	0,305	-0,001	0,007	0,057	FALSE
-0,061	0,312	-0,002	0,013	0,059	FALSE
-0,011	0,312	0,000	0,010	0,003	FALSE
-0,039	0,301	-0,001	0,010	0,044	FALSE
0,066	0,300	0,004	0,013	0,121	FALSE
0,004	0,291	-0,001	0,012	0,019	FALSE
0,070	0,306	0,003	0,009	0,114	FALSE
0,174	0,308	0,004	0,008	0,244	FALSE
0,127	0,295	0,003	0,009	0,138	FALSE
0,012	0,307	0,000	0,011	0,013	FALSE
-0,066	0,279	-0,001	0,007	0,068	FALSE
0,074	0,293	0,003	0,012	0,095	FALSE
0,093	0,310	0,003	0,011	0,110	FALSE
0,091	0,311	0,003	0,011	0,101	FALSE
0,018	0,314	0,001	0,009	0,037	FALSE
0,082	0,296	0,003	0,011	0,096	FALSE
0,027	0,310	0,001	0,013	0,028	FALSE
0,063	0,314	0,002	0,010	0,073	FALSE
-0,100	0,305	-0,002	0,006	0,121	FALSE
-0,006	0,312	0,000	0,009	0,002	FALSE
-0,075	0,301	-0,003	0,012	0,108	FALSE
-0,104	0,305	-0,004	0,013	0,118	FALSE
0,018	0,306	0,001	0,011	0,024	FALSE
-0,040	0,296	-0,001	0,006	0,052	FALSE
-0,059	0,317	-0,001	0,009	0,060	FALSE
-0,019	0,312	-0,001	0,011	0,031	FALSE
0,035	0,297	0,001	0,011	0,042	FALSE
0,028	0,311	0,001	0,011	0,026	FALSE
0,138	0,306	0,003	0,007	0,193	FALSE
0,149	0,305	0,004	0,007	0,207	FALSE
0,186	0,308	0,004	0,006	0,269	FALSE
-0,045	0,297	-0,001	0,008	0,031	FALSE
-0,005	0,307	0,000	0,007	0,008	FALSE
-0,042	0,296	-0,002	0,013	0,066	FALSE
0,064	0,299	0,002	0,011	0,070	FALSE
-0,043	0,311	-0,001	0,010	0,050	FALSE
0,016	0,306	0,000	0,012	0,011	FALSE
0,111	0,317	0,003	0,007	0,162	FALSE
0,002	0,305	0,000	0,009	0,005	FALSE

0,012	0,310	0,001	0,011	0,034	FALSE
-0,016	0,312	-0,001	0,012	0,023	FALSE
0,004	0,305	0,000	0,012	0,000	FALSE
0,063	0,303	0,003	0,013	0,085	FALSE
-0,070	0,303	-0,002	0,007	0,091	FALSE
0,064	0,308	0,001	0,006	0,080	FALSE
0,002	0,304	0,000	0,012	0,004	FALSE
-0,017	0,315	-0,001	0,010	0,027	FALSE
0,029	0,320	0,001	0,011	0,048	FALSE
-0,005	0,305	-0,001	0,011	0,044	FALSE
-0,008	0,305	0,000	0,008	0,010	FALSE
0,029	0,315	0,001	0,009	0,029	FALSE
-0,026	0,301	0,000	0,010	0,005	FALSE
-0,036	0,316	-0,001	0,007	0,057	FALSE
0,010	0,291	0,001	0,012	0,026	FALSE
-0,030	0,298	-0,001	0,007	0,054	FALSE
0,144	0,304	0,005	0,011	0,168	FALSE
0,083	0,298	0,002	0,007	0,094	FALSE
0,091	0,313	0,002	0,008	0,117	FALSE
0,099	0,315	0,002	0,008	0,123	FALSE
0,071	0,311	0,002	0,009	0,072	FALSE
0,049	0,307	0,002	0,012	0,053	FALSE
-0,132	0,312	-0,005	0,012	0,184	FALSE
0,097	0,296	0,002	0,006	0,105	FALSE
-0,135	0,308	-0,006	0,012	0,188	FALSE
0,021	0,316	0,000	0,012	0,002	FALSE
0,069	0,307	0,002	0,012	0,074	FALSE
-0,036	0,305	-0,002	0,009	0,064	FALSE
0,098	0,305	0,002	0,009	0,097	FALSE
0,049	0,305	0,000	0,009	0,018	FALSE
-0,008	0,302	0,000	0,007	0,013	FALSE
0,073	0,302	0,002	0,008	0,107	FALSE
0,014	0,306	0,000	0,011	0,015	FALSE
0,003	0,301	-0,001	0,008	0,025	FALSE
-0,036	0,322	-0,002	0,011	0,060	FALSE
-0,028	0,311	-0,001	0,013	0,015	FALSE
-0,014	0,308	0,000	0,012	0,009	FALSE
0,049	0,324	0,002	0,009	0,093	FALSE
0,042	0,302	0,001	0,011	0,035	FALSE
0,026	0,289	0,001	0,010	0,044	FALSE
-0,022	0,304	-0,001	0,008	0,029	FALSE
0,036	0,306	0,001	0,008	0,060	FALSE
-0,101	0,307	-0,004	0,012	0,129	FALSE
0,068	0,327	0,003	0,010	0,110	FALSE
-0,035	0,305	0,000	0,006	0,028	FALSE
0,051	0,290	0,002	0,008	0,076	FALSE
0,043	0,306	0,001	0,006	0,050	FALSE
0,015	0,300	0,001	0,007	0,036	FALSE
0,017	0,311	0,000	0,008	0,006	FALSE
0,005	0,310	0,000	0,013	0,008	FALSE
-0,050	0,302	-0,001	0,007	0,044	FALSE
0,047	0,306	0,001	0,006	0,051	FALSE
0,002	0,313	0,000	0,009	0,018	FALSE

-0,090	0,309	-0,003	0,012	0,117	FALSE
0,091	0,311	0,004	0,012	0,149	FALSE
-0,153	0,310	-0,005	0,011	0,214	FALSE
0,030	0,299	0,001	0,010	0,044	FALSE
0,124	0,313	0,002	0,006	0,125	FALSE
0,023	0,299	0,001	0,012	0,034	FALSE
-0,020	0,311	-0,001	0,008	0,037	FALSE
-0,008	0,304	0,000	0,011	0,011	FALSE
0,073	0,317	0,002	0,007	0,099	FALSE
-0,025	0,307	0,000	0,011	0,014	FALSE
0,037	0,327	0,001	0,008	0,050	FALSE
0,012	0,306	0,001	0,008	0,026	FALSE
0,047	0,298	0,001	0,008	0,063	FALSE
-0,033	0,316	0,000	0,008	0,022	FALSE
0,103	0,316	0,003	0,011	0,114	FALSE
-0,086	0,308	-0,002	0,007	0,101	FALSE
0,043	0,318	0,001	0,008	0,035	FALSE
0,005	0,297	0,001	0,012	0,024	FALSE
0,103	0,316	0,005	0,013	0,144	FALSE
-0,092	0,290	-0,005	0,012	0,154	FALSE
-0,095	0,305	-0,004	0,011	0,141	FALSE
-0,088	0,299	-0,004	0,011	0,128	FALSE
-0,041	0,301	-0,002	0,011	0,065	FALSE
0,170	0,309	0,004	0,006	0,239	FALSE
0,078	0,322	0,001	0,007	0,072	FALSE
0,016	0,310	0,001	0,006	0,035	FALSE
-0,060	0,309	-0,001	0,008	0,071	FALSE
-0,086	0,304	-0,002	0,007	0,113	FALSE
0,025	0,310	0,001	0,008	0,036	FALSE
0,069	0,304	0,002	0,008	0,087	FALSE
-0,003	0,301	0,000	0,012	0,001	FALSE
0,061	0,298	0,003	0,013	0,088	FALSE
-0,092	0,312	-0,003	0,009	0,127	FALSE
-0,110	0,308	-0,004	0,009	0,174	FALSE
0,024	0,313	0,000	0,007	0,001	FALSE
0,013	0,312	0,000	0,010	0,010	FALSE
-0,025	0,294	-0,001	0,008	0,037	FALSE
0,057	0,307	0,001	0,008	0,071	FALSE
0,160	0,303	0,003	0,007	0,171	FALSE
-0,152	0,295	-0,006	0,012	0,199	FALSE
-0,147	0,308	-0,004	0,007	0,207	FALSE
0,069	0,300	0,003	0,012	0,102	FALSE
0,054	0,302	0,003	0,010	0,100	FALSE
0,094	0,310	0,003	0,009	0,138	FALSE
0,028	0,313	0,000	0,007	0,016	FALSE
0,081	0,287	0,003	0,012	0,107	FALSE
0,033	0,310	0,001	0,007	0,028	FALSE
0,026	0,310	0,001	0,009	0,031	FALSE
0,074	0,307	0,004	0,013	0,111	FALSE
0,013	0,298	0,000	0,009	0,017	FALSE
0,011	0,310	0,000	0,007	0,012	FALSE
0,031	0,293	0,001	0,009	0,039	FALSE
0,035	0,295	0,001	0,009	0,058	FALSE

0,067	0,299	0,001	0,006	0,055	FALSE
0,007	0,316	0,000	0,008	0,018	FALSE
-0,028	0,315	-0,001	0,013	0,014	FALSE
-0,049	0,301	-0,001	0,013	0,037	FALSE
0,030	0,296	0,001	0,008	0,026	FALSE
0,035	0,309	0,002	0,011	0,054	FALSE
-0,092	0,310	-0,003	0,008	0,147	FALSE
-0,081	0,305	-0,003	0,008	0,129	FALSE
0,044	0,305	0,001	0,008	0,053	FALSE
0,037	0,305	0,002	0,010	0,065	FALSE
0,103	0,304	0,004	0,010	0,155	FALSE
0,085	0,317	0,003	0,010	0,119	FALSE
-0,054	0,295	-0,001	0,007	0,071	FALSE
0,125	0,319	0,005	0,014	0,164	FALSE
-0,070	0,299	-0,002	0,010	0,081	FALSE
-0,102	0,292	-0,003	0,007	0,154	FALSE
0,033	0,302	0,001	0,011	0,017	FALSE
-0,041	0,317	-0,001	0,007	0,033	FALSE
-0,044	0,311	-0,001	0,007	0,058	FALSE
-0,012	0,304	0,000	0,007	0,010	FALSE
-0,134	0,312	-0,004	0,009	0,174	FALSE
-0,110	0,303	-0,004	0,011	0,133	FALSE
0,032	0,313	0,001	0,008	0,052	FALSE
0,095	0,309	0,003	0,008	0,158	FALSE
0,026	0,304	0,001	0,009	0,038	FALSE
-0,093	0,309	-0,004	0,012	0,112	FALSE
0,034	0,295	0,001	0,006	0,032	FALSE
-0,064	0,309	-0,001	0,008	0,072	FALSE
-0,083	0,303	-0,003	0,013	0,089	FALSE
-0,132	0,307	-0,003	0,006	0,189	FALSE
-0,086	0,304	-0,002	0,007	0,106	FALSE
-0,096	0,292	-0,004	0,012	0,117	FALSE
-0,103	0,313	-0,002	0,007	0,129	FALSE
-0,082	0,310	-0,003	0,013	0,086	FALSE
-0,072	0,306	-0,002	0,009	0,108	FALSE
-0,039	0,303	-0,002	0,010	0,061	FALSE
0,099	0,310	0,004	0,013	0,127	FALSE
-0,094	0,324	-0,004	0,013	0,121	FALSE
0,031	0,303	0,002	0,012	0,067	FALSE
0,038	0,318	0,001	0,012	0,043	FALSE
-0,003	0,320	0,000	0,009	0,005	FALSE
0,014	0,307	0,001	0,010	0,029	FALSE
0,035	0,307	0,002	0,010	0,056	FALSE
-0,056	0,293	-0,002	0,007	0,087	FALSE
-0,023	0,313	0,000	0,008	0,016	FALSE
-0,164	0,306	-0,003	0,007	0,218	FALSE
0,058	0,309	0,001	0,007	0,073	FALSE
-0,051	0,307	-0,001	0,008	0,046	FALSE
0,053	0,291	0,001	0,009	0,052	FALSE
0,171	0,293	0,006	0,012	0,209	FALSE
0,040	0,312	0,001	0,007	0,063	FALSE
-0,008	0,298	-0,001	0,010	0,034	FALSE
0,019	0,308	0,001	0,011	0,047	FALSE

-0,023	0,315	0,000	0,010	0,017	FALSE
0,016	0,311	0,000	0,009	0,008	FALSE
0,046	0,321	0,001	0,007	0,072	FALSE
-0,145	0,308	-0,003	0,007	0,192	FALSE
0,065	0,330	0,002	0,010	0,090	FALSE
0,035	0,299	0,001	0,012	0,021	FALSE
0,037	0,307	0,001	0,007	0,030	FALSE
-0,051	0,308	-0,002	0,008	0,074	FALSE
0,083	0,317	0,003	0,010	0,105	FALSE
-0,131	0,303	-0,003	0,008	0,180	FALSE
0,130	0,308	0,004	0,010	0,163	FALSE
-0,015	0,304	-0,001	0,010	0,042	FALSE
0,022	0,311	0,001	0,010	0,021	FALSE
-0,023	0,305	-0,001	0,011	0,031	FALSE
0,132	0,303	0,004	0,009	0,166	FALSE
0,021	0,309	0,001	0,011	0,046	FALSE
-0,064	0,297	-0,002	0,011	0,051	FALSE
0,032	0,304	0,001	0,008	0,049	FALSE
0,047	0,302	0,001	0,009	0,056	FALSE
-0,106	0,310	-0,004	0,013	0,127	FALSE
0,106	0,313	0,004	0,011	0,151	FALSE
-0,028	0,310	-0,001	0,007	0,034	FALSE
0,040	0,296	0,002	0,010	0,079	FALSE
-0,058	0,330	-0,001	0,007	0,066	FALSE
0,066	0,301	0,002	0,007	0,084	FALSE
-0,027	0,302	-0,001	0,009	0,029	FALSE
-0,007	0,297	0,000	0,008	0,002	FALSE
-0,084	0,303	-0,003	0,010	0,106	FALSE
0,132	0,297	0,004	0,009	0,199	FALSE
0,010	0,312	0,001	0,013	0,024	FALSE
-0,014	0,315	0,000	0,013	0,003	FALSE
-0,049	0,311	-0,001	0,006	0,045	FALSE
-0,096	0,306	-0,002	0,007	0,114	FALSE
-0,039	0,315	-0,001	0,011	0,048	FALSE
0,055	0,299	0,002	0,009	0,078	FALSE
0,079	0,313	0,003	0,013	0,092	FALSE
-0,115	0,316	-0,003	0,007	0,137	FALSE
0,079	0,299	0,002	0,008	0,094	FALSE
-0,053	0,313	-0,001	0,008	0,056	FALSE
0,139	0,302	0,005	0,010	0,190	FALSE
0,002	0,302	0,000	0,006	0,008	FALSE
-0,008	0,306	0,000	0,007	0,006	FALSE
-0,017	0,316	-0,001	0,012	0,014	FALSE
0,004	0,318	0,001	0,010	0,031	FALSE
0,043	0,308	0,001	0,013	0,021	FALSE
-0,034	0,305	-0,001	0,011	0,045	FALSE
0,047	0,316	0,001	0,007	0,047	FALSE
-0,136	0,299	-0,003	0,009	0,148	FALSE
-0,092	0,306	-0,003	0,013	0,098	FALSE
-0,029	0,304	0,000	0,008	0,019	FALSE
-0,158	0,300	-0,004	0,008	0,220	FALSE
-0,154	0,304	-0,004	0,008	0,210	FALSE
-0,020	0,311	0,000	0,012	0,003	FALSE

-0,004	0,293	-0,001	0,012	0,028	FALSE
-0,059	0,311	-0,002	0,007	0,091	FALSE
0,016	0,314	0,001	0,011	0,033	FALSE
0,040	0,304	0,001	0,006	0,077	FALSE
-0,014	0,300	-0,002	0,011	0,060	FALSE
0,090	0,302	0,003	0,010	0,115	FALSE
0,021	0,293	0,001	0,006	0,036	FALSE
-0,078	0,298	-0,003	0,009	0,140	FALSE
0,069	0,302	0,002	0,009	0,090	FALSE
-0,085	0,303	-0,004	0,012	0,129	FALSE
0,111	0,289	0,004	0,012	0,132	FALSE
-0,023	0,303	-0,001	0,012	0,040	FALSE
-0,031	0,321	-0,002	0,013	0,050	FALSE
0,109	0,295	0,004	0,012	0,136	FALSE
-0,053	0,310	-0,001	0,007	0,043	FALSE
0,011	0,325	0,001	0,007	0,029	FALSE
0,007	0,320	0,001	0,010	0,029	FALSE
0,009	0,312	0,000	0,009	0,006	FALSE
0,004	0,321	0,000	0,012	0,013	FALSE
0,036	0,301	0,001	0,007	0,048	FALSE
-0,105	0,323	-0,004	0,011	0,148	FALSE
0,056	0,302	0,003	0,011	0,094	FALSE
-0,085	0,314	-0,003	0,010	0,131	FALSE
-0,078	0,314	-0,003	0,010	0,121	FALSE
-0,089	0,307	-0,002	0,007	0,126	FALSE
0,017	0,315	0,001	0,013	0,039	FALSE
-0,092	0,311	-0,003	0,011	0,120	FALSE
0,195	0,297	0,009	0,012	0,329	FALSE
-0,017	0,308	-0,001	0,007	0,032	FALSE
0,011	0,316	0,000	0,007	0,015	FALSE
0,031	0,301	0,000	0,008	0,014	FALSE
-0,003	0,333	0,000	0,009	0,013	FALSE
-0,035	0,316	-0,001	0,008	0,024	FALSE
-0,022	0,298	0,000	0,008	0,017	FALSE
0,164	0,292	0,007	0,012	0,247	FALSE
-0,002	0,308	0,000	0,011	0,002	FALSE
-0,073	0,301	-0,002	0,010	0,084	FALSE
0,083	0,316	0,002	0,010	0,095	FALSE
0,066	0,314	0,002	0,009	0,066	FALSE
0,068	0,316	0,002	0,009	0,084	FALSE
0,087	0,305	0,002	0,009	0,095	FALSE
0,084	0,312	0,002	0,009	0,102	FALSE
-0,051	0,312	-0,001	0,007	0,074	FALSE
0,078	0,304	0,002	0,010	0,088	FALSE
0,085	0,295	0,003	0,009	0,118	FALSE
0,021	0,306	0,000	0,009	0,012	FALSE
-0,123	0,300	-0,006	0,012	0,208	FALSE
-0,137	0,305	-0,007	0,012	0,246	FALSE
-0,123	0,306	-0,006	0,012	0,208	FALSE
-0,046	0,303	-0,003	0,013	0,098	FALSE
0,133	0,301	0,004	0,009	0,170	FALSE
0,092	0,312	0,003	0,011	0,114	FALSE
0,052	0,302	0,002	0,009	0,062	FALSE

0,086	0,318	0,003	0,010	0,127	FALSE
-0,038	0,297	-0,001	0,009	0,044	FALSE
-0,083	0,298	-0,003	0,012	0,106	FALSE
0,007	0,304	0,000	0,012	0,001	FALSE
0,047	0,308	0,001	0,007	0,051	FALSE
-0,055	0,300	-0,001	0,007	0,042	FALSE
0,076	0,299	0,002	0,012	0,074	FALSE
-0,112	0,304	-0,002	0,006	0,142	FALSE
-0,041	0,301	-0,001	0,009	0,057	FALSE
0,039	0,310	0,001	0,009	0,025	FALSE
-0,020	0,310	-0,001	0,012	0,022	FALSE
0,005	0,293	0,000	0,007	0,004	FALSE
0,003	0,303	0,000	0,012	0,001	FALSE
0,047	0,304	0,001	0,007	0,080	FALSE
-0,003	0,293	0,001	0,011	0,024	FALSE
-0,042	0,299	-0,001	0,006	0,077	FALSE
-0,057	0,307	-0,002	0,009	0,099	FALSE
0,034	0,318	0,001	0,007	0,054	FALSE
-0,047	0,294	-0,001	0,007	0,037	FALSE
0,042	0,304	0,001	0,006	0,061	FALSE
0,000	0,301	0,000	0,006	0,008	FALSE
0,057	0,299	0,002	0,008	0,075	FALSE
-0,176	0,295	-0,005	0,008	0,318	FALSE
0,017	0,303	0,000	0,007	0,000	FALSE
-0,032	0,311	-0,001	0,010	0,028	FALSE
-0,019	0,304	0,000	0,007	0,011	FALSE
-0,179	0,303	-0,004	0,007	0,258	FALSE
-0,078	0,316	-0,002	0,010	0,092	FALSE
0,060	0,300	0,003	0,011	0,092	FALSE
-0,075	0,299	-0,001	0,006	0,085	FALSE
0,076	0,303	0,003	0,009	0,111	FALSE
-0,033	0,303	-0,001	0,007	0,028	FALSE
-0,072	0,312	-0,003	0,011	0,085	FALSE
0,064	0,303	0,002	0,007	0,092	FALSE
0,069	0,315	0,003	0,011	0,100	FALSE
0,056	0,314	0,002	0,013	0,069	FALSE
-0,042	0,310	-0,002	0,012	0,064	FALSE
-0,039	0,312	-0,002	0,011	0,051	FALSE
0,080	0,310	0,002	0,008	0,106	FALSE
0,062	0,310	0,002	0,009	0,110	FALSE
-0,055	0,310	-0,002	0,009	0,089	FALSE
0,051	0,300	0,003	0,011	0,101	FALSE
0,041	0,322	0,002	0,012	0,078	FALSE
0,049	0,306	0,002	0,011	0,085	FALSE
-0,002	0,303	0,001	0,012	0,018	FALSE
0,168	0,290	0,004	0,007	0,247	FALSE
0,064	0,303	0,002	0,010	0,092	FALSE
-0,019	0,299	0,000	0,008	0,001	FALSE
-0,033	0,294	-0,001	0,008	0,044	FALSE
-0,103	0,287	-0,002	0,007	0,135	FALSE
-0,004	0,306	-0,001	0,010	0,018	FALSE
0,017	0,316	0,001	0,011	0,020	FALSE
0,003	0,307	-0,001	0,012	0,034	FALSE

-0,002	0,295	0,000	0,007	0,023	FALSE
-0,018	0,316	-0,001	0,010	0,034	FALSE
-0,049	0,316	-0,001	0,010	0,045	FALSE
-0,061	0,298	-0,002	0,010	0,076	FALSE
0,174	0,303	0,006	0,010	0,248	FALSE
-0,166	0,306	-0,005	0,010	0,208	FALSE
-0,099	0,290	-0,005	0,012	0,172	FALSE
-0,078	0,312	-0,003	0,012	0,103	FALSE
-0,062	0,305	-0,003	0,012	0,079	FALSE
-0,043	0,321	-0,002	0,011	0,065	FALSE
0,093	0,301	0,004	0,012	0,136	FALSE
-0,105	0,309	-0,005	0,013	0,155	FALSE
-0,041	0,325	-0,001	0,010	0,038	FALSE
0,032	0,315	0,001	0,009	0,056	FALSE
-0,152	0,307	-0,003	0,007	0,195	FALSE
-0,217	0,311	-0,009	0,013	0,302	FALSE
-0,209	0,305	-0,009	0,013	0,311	FALSE
-0,130	0,305	-0,005	0,012	0,161	FALSE
-0,034	0,313	-0,001	0,007	0,031	FALSE
-0,003	0,319	0,000	0,007	0,007	FALSE
-0,047	0,306	-0,001	0,008	0,041	FALSE
0,018	0,294	0,001	0,009	0,023	FALSE
-0,144	0,310	-0,005	0,010	0,208	FALSE
-0,131	0,324	-0,005	0,012	0,189	FALSE
-0,021	0,309	0,000	0,007	0,021	FALSE
-0,125	0,304	-0,005	0,011	0,195	FALSE
0,071	0,310	0,002	0,012	0,074	FALSE
-0,067	0,305	-0,002	0,008	0,081	FALSE
-0,056	0,304	-0,002	0,009	0,084	FALSE
-0,017	0,315	-0,002	0,011	0,051	FALSE
-0,040	0,311	0,000	0,010	0,013	FALSE
0,040	0,315	0,001	0,008	0,061	FALSE
0,052	0,312	0,002	0,008	0,078	FALSE
-0,124	0,297	-0,004	0,008	0,175	FALSE
-0,091	0,319	-0,003	0,009	0,121	FALSE
0,103	0,293	0,004	0,009	0,165	FALSE
-0,121	0,313	-0,004	0,009	0,165	FALSE
0,093	0,311	0,002	0,006	0,124	FALSE
0,018	0,293	0,001	0,007	0,027	FALSE
0,042	0,312	0,001	0,008	0,053	FALSE
-0,051	0,301	-0,001	0,011	0,038	FALSE
0,084	0,303	0,003	0,011	0,091	FALSE
0,050	0,290	0,001	0,010	0,042	FALSE
-0,109	0,325	-0,004	0,012	0,141	FALSE
0,209	0,300	0,007	0,010	0,312	FALSE
0,206	0,300	0,007	0,010	0,322	FALSE
-0,034	0,302	-0,001	0,007	0,046	FALSE
-0,066	0,316	-0,002	0,007	0,080	FALSE
-0,109	0,298	-0,003	0,008	0,150	FALSE
-0,079	0,315	-0,002	0,007	0,084	FALSE
-0,042	0,308	-0,001	0,009	0,051	FALSE
-0,017	0,318	-0,001	0,012	0,033	FALSE
-0,136	0,306	-0,006	0,013	0,205	FALSE

0,166	0,301	0,005	0,010	0,189	FALSE
-0,048	0,317	0,000	0,008	0,017	FALSE
0,137	0,309	0,004	0,009	0,207	FALSE
0,141	0,304	0,004	0,009	0,205	FALSE
0,081	0,300	0,002	0,007	0,108	FALSE
0,009	0,308	0,000	0,006	0,007	FALSE
-0,134	0,299	-0,004	0,008	0,176	FALSE
-0,074	0,315	-0,004	0,013	0,110	FALSE
0,124	0,304	0,002	0,006	0,166	FALSE
0,071	0,301	0,003	0,008	0,147	FALSE
-0,105	0,302	-0,003	0,010	0,126	FALSE
0,042	0,299	0,001	0,012	0,044	FALSE
0,110	0,314	0,005	0,012	0,162	FALSE
-0,113	0,320	-0,003	0,009	0,136	FALSE
-0,044	0,307	-0,001	0,008	0,056	FALSE
-0,029	0,297	-0,001	0,008	0,041	FALSE
-0,155	0,305	-0,004	0,009	0,212	FALSE
-0,137	0,288	-0,005	0,012	0,188	FALSE
0,096	0,308	0,002	0,006	0,143	FALSE
0,031	0,312	0,001	0,010	0,050	FALSE
-0,034	0,295	-0,001	0,007	0,037	FALSE
0,021	0,310	0,000	0,009	0,016	FALSE
0,157	0,294	0,005	0,009	0,256	FALSE
0,185	0,292	0,007	0,009	0,310	FALSE
-0,073	0,303	-0,003	0,012	0,080	FALSE
-0,012	0,315	-0,001	0,007	0,031	FALSE
-0,036	0,304	-0,002	0,009	0,073	FALSE
0,054	0,308	0,003	0,013	0,078	FALSE
-0,146	0,318	-0,004	0,009	0,198	FALSE
-0,102	0,322	-0,003	0,011	0,123	FALSE
0,004	0,306	0,000	0,009	0,008	FALSE
-0,037	0,312	-0,001	0,007	0,041	FALSE
0,086	0,311	0,003	0,012	0,105	FALSE
0,035	0,312	0,001	0,011	0,027	FALSE
0,072	0,309	0,002	0,009	0,110	FALSE
-0,177	0,295	-0,004	0,007	0,279	FALSE
-0,018	0,293	0,000	0,010	0,007	FALSE
-0,108	0,302	-0,004	0,011	0,144	FALSE
0,046	0,311	0,002	0,009	0,071	FALSE
-0,041	0,301	-0,001	0,010	0,043	FALSE
-0,073	0,315	-0,002	0,008	0,098	FALSE
-0,051	0,313	-0,001	0,009	0,039	FALSE
-0,019	0,319	0,000	0,010	0,011	FALSE
0,042	0,308	0,001	0,007	0,067	FALSE
0,002	0,313	0,001	0,007	0,027	FALSE
0,021	0,305	0,000	0,011	0,006	FALSE
0,000	0,311	0,000	0,010	0,012	FALSE
0,105	0,327	0,002	0,007	0,112	FALSE
0,085	0,309	0,002	0,006	0,094	FALSE
-0,039	0,306	-0,001	0,009	0,042	FALSE
-0,011	0,309	0,000	0,008	0,004	FALSE
0,028	0,313	0,001	0,013	0,023	FALSE
-0,081	0,311	-0,002	0,009	0,089	FALSE

0,049	0,299	0,001	0,007	0,050	FALSE
0,127	0,307	0,004	0,009	0,205	FALSE
0,040	0,301	0,001	0,007	0,027	FALSE
0,062	0,302	0,001	0,007	0,040	FALSE
-0,085	0,322	-0,002	0,009	0,082	FALSE
-0,005	0,314	0,000	0,011	0,005	FALSE
-0,025	0,302	-0,001	0,012	0,033	FALSE
0,086	0,310	0,004	0,012	0,118	FALSE
-0,032	0,316	-0,001	0,012	0,046	FALSE
0,071	0,317	0,002	0,007	0,100	FALSE
-0,173	0,299	-0,005	0,009	0,252	FALSE
-0,164	0,304	-0,004	0,007	0,221	FALSE
-0,094	0,312	-0,004	0,013	0,123	FALSE
-0,152	0,306	-0,005	0,011	0,196	FALSE
-0,011	0,304	0,000	0,011	0,002	FALSE
0,028	0,314	0,001	0,008	0,048	FALSE
0,035	0,303	0,001	0,008	0,039	FALSE
0,096	0,313	0,003	0,010	0,116	FALSE
0,017	0,297	0,001	0,008	0,029	FALSE
0,024	0,311	0,001	0,011	0,025	FALSE
0,029	0,302	0,002	0,013	0,047	FALSE
0,124	0,309	0,002	0,007	0,146	FALSE
0,110	0,303	0,002	0,007	0,120	FALSE
0,120	0,297	0,003	0,007	0,152	FALSE
-0,013	0,296	0,000	0,007	0,018	FALSE
0,001	0,294	-0,001	0,011	0,024	FALSE
-0,064	0,305	-0,002	0,009	0,111	FALSE
0,040	0,313	0,001	0,009	0,022	FALSE
0,036	0,309	0,001	0,010	0,029	FALSE
0,017	0,306	0,000	0,012	0,006	FALSE
0,085	0,308	0,002	0,006	0,092	FALSE
-0,169	0,306	-0,008	0,013	0,248	FALSE
0,111	0,309	0,003	0,011	0,120	FALSE
0,129	0,297	0,004	0,011	0,157	FALSE
0,118	0,303	0,004	0,011	0,138	FALSE
0,067	0,307	0,002	0,008	0,097	FALSE
0,018	0,314	0,000	0,011	0,015	FALSE
-0,040	0,319	-0,001	0,009	0,040	FALSE
-0,006	0,299	0,000	0,012	0,015	FALSE
0,140	0,295	0,003	0,007	0,178	FALSE
-0,045	0,299	-0,002	0,011	0,054	FALSE
0,011	0,308	0,001	0,008	0,026	FALSE
0,051	0,297	0,002	0,011	0,057	FALSE
0,048	0,296	0,001	0,009	0,048	FALSE
-0,095	0,321	-0,003	0,012	0,112	FALSE
0,096	0,295	0,003	0,009	0,118	FALSE
-0,074	0,306	-0,001	0,006	0,075	FALSE
-0,043	0,300	-0,002	0,012	0,056	FALSE
-0,117	0,322	-0,004	0,010	0,143	FALSE
0,117	0,310	0,003	0,007	0,168	FALSE
0,116	0,304	0,004	0,009	0,169	FALSE
-0,066	0,292	-0,003	0,012	0,091	FALSE
0,086	0,298	0,003	0,011	0,115	FALSE

0,021	0,311	0,001	0,012	0,031	FALSE
-0,008	0,307	0,000	0,007	0,007	FALSE
0,049	0,314	0,001	0,008	0,026	FALSE
-0,070	0,327	-0,003	0,011	0,084	FALSE
-0,032	0,302	-0,001	0,007	0,050	FALSE
-0,113	0,290	-0,003	0,007	0,154	FALSE
-0,003	0,312	0,000	0,007	0,005	FALSE
0,007	0,301	0,000	0,011	0,014	FALSE
0,000	0,309	-0,001	0,009	0,027	FALSE
-0,050	0,299	-0,003	0,012	0,090	FALSE
-0,045	0,302	-0,003	0,012	0,091	FALSE
0,046	0,306	0,002	0,012	0,070	FALSE
-0,015	0,309	-0,001	0,012	0,019	FALSE
0,021	0,317	0,000	0,009	0,011	FALSE
-0,021	0,308	0,000	0,006	0,019	FALSE
-0,039	0,314	-0,002	0,013	0,070	FALSE
-0,006	0,303	0,000	0,006	0,011	FALSE
-0,051	0,306	-0,002	0,010	0,079	FALSE
0,078	0,305	0,001	0,006	0,081	FALSE
-0,146	0,293	-0,005	0,012	0,173	FALSE
-0,090	0,302	-0,004	0,012	0,119	FALSE
-0,021	0,333	0,000	0,009	0,005	FALSE
-0,032	0,313	0,000	0,009	0,010	FALSE
-0,113	0,313	-0,003	0,007	0,166	FALSE
0,005	0,306	0,000	0,012	0,005	FALSE
0,055	0,304	0,001	0,007	0,064	FALSE
0,086	0,303	0,004	0,013	0,121	FALSE
-0,031	0,312	-0,001	0,007	0,035	FALSE
0,035	0,321	0,001	0,012	0,040	FALSE
-0,014	0,309	-0,001	0,009	0,043	FALSE
0,074	0,299	0,002	0,008	0,107	FALSE
0,009	0,314	0,000	0,013	0,008	FALSE
0,078	0,295	0,004	0,009	0,171	FALSE
0,000	0,301	-0,001	0,012	0,016	FALSE
0,074	0,319	0,002	0,010	0,066	FALSE
0,029	0,312	0,001	0,008	0,038	FALSE
-0,024	0,309	0,000	0,012	0,012	FALSE
-0,050	0,311	-0,002	0,009	0,091	FALSE
-0,003	0,309	0,000	0,006	0,013	FALSE
0,036	0,303	0,001	0,010	0,035	FALSE
0,144	0,314	0,004	0,008	0,183	FALSE
-0,013	0,312	-0,001	0,008	0,040	FALSE
0,030	0,314	0,001	0,008	0,054	FALSE
0,044	0,316	0,001	0,010	0,043	FALSE
0,126	0,296	0,004	0,008	0,201	FALSE
0,120	0,291	0,006	0,012	0,200	FALSE
0,048	0,317	0,001	0,006	0,079	FALSE
-0,045	0,295	-0,001	0,010	0,042	FALSE
-0,127	0,311	-0,005	0,010	0,201	FALSE
-0,117	0,309	-0,003	0,006	0,158	FALSE
-0,107	0,306	-0,002	0,007	0,139	FALSE
-0,057	0,312	-0,002	0,008	0,071	FALSE
-0,118	0,306	-0,005	0,012	0,149	FALSE

-0,120	0,304	-0,004	0,008	0,200	FALSE
-0,150	0,310	-0,005	0,010	0,211	FALSE
0,100	0,297	0,002	0,008	0,114	FALSE
0,066	0,324	0,002	0,009	0,079	FALSE
0,081	0,310	0,002	0,009	0,098	FALSE
-0,005	0,299	0,000	0,009	0,015	FALSE
-0,056	0,319	-0,003	0,013	0,074	FALSE
-0,134	0,299	-0,006	0,011	0,211	FALSE
-0,095	0,294	-0,003	0,009	0,146	FALSE
-0,067	0,297	-0,002	0,010	0,083	FALSE
-0,034	0,296	-0,002	0,012	0,050	FALSE
0,044	0,298	0,001	0,009	0,021	FALSE
-0,099	0,298	-0,004	0,012	0,129	FALSE
0,038	0,312	0,001	0,010	0,026	FALSE
0,049	0,310	0,001	0,010	0,039	FALSE
0,073	0,310	0,003	0,011	0,113	FALSE
0,088	0,308	0,004	0,011	0,144	FALSE
-0,080	0,310	-0,002	0,008	0,080	FALSE
0,020	0,308	0,001	0,008	0,026	FALSE
0,069	0,317	0,003	0,010	0,107	FALSE
-0,038	0,310	-0,001	0,008	0,024	FALSE
0,093	0,295	0,002	0,009	0,074	FALSE
0,099	0,298	0,002	0,011	0,083	FALSE
-0,037	0,298	-0,001	0,008	0,029	FALSE
-0,028	0,319	-0,001	0,013	0,018	FALSE
-0,014	0,309	0,000	0,012	0,002	FALSE
0,106	0,311	0,003	0,008	0,138	FALSE
0,086	0,287	0,004	0,012	0,113	FALSE
0,013	0,302	0,000	0,010	0,005	FALSE
-0,101	0,306	-0,002	0,008	0,114	FALSE
-0,138	0,310	-0,003	0,007	0,195	FALSE
0,035	0,309	0,001	0,007	0,047	FALSE
-0,109	0,305	-0,003	0,007	0,149	FALSE
0,010	0,308	0,001	0,008	0,030	FALSE
-0,130	0,293	-0,004	0,011	0,140	FALSE
-0,133	0,300	-0,004	0,012	0,132	FALSE
-0,086	0,302	-0,002	0,012	0,071	FALSE
0,181	0,300	0,005	0,009	0,247	FALSE
0,063	0,308	0,002	0,012	0,060	FALSE
-0,032	0,318	-0,001	0,009	0,028	FALSE
0,003	0,317	0,000	0,011	0,002	FALSE
0,030	0,319	0,001	0,013	0,029	FALSE
-0,001	0,312	0,000	0,010	0,011	FALSE
-0,005	0,313	0,000	0,008	0,020	FALSE
-0,063	0,311	-0,002	0,009	0,084	FALSE
0,142	0,309	0,003	0,008	0,170	FALSE
-0,037	0,300	-0,001	0,009	0,041	FALSE
0,043	0,305	0,001	0,008	0,058	FALSE
-0,049	0,310	-0,001	0,007	0,042	FALSE
0,046	0,307	0,001	0,008	0,035	FALSE
0,105	0,305	0,004	0,009	0,182	FALSE
0,032	0,306	0,000	0,009	0,006	FALSE
-0,050	0,303	-0,002	0,006	0,095	FALSE

-0,071	0,303	-0,002	0,009	0,088	FALSE
-0,009	0,296	-0,001	0,007	0,028	FALSE
-0,039	0,309	0,000	0,007	0,027	FALSE
-0,108	0,290	-0,004	0,009	0,151	FALSE
-0,025	0,313	-0,001	0,011	0,038	FALSE
-0,022	0,316	-0,001	0,010	0,052	FALSE
0,031	0,287	0,001	0,007	0,036	FALSE
0,033	0,302	0,001	0,008	0,042	FALSE
0,020	0,300	0,001	0,008	0,033	FALSE
-0,056	0,316	-0,002	0,012	0,063	FALSE
-0,054	0,321	-0,002	0,013	0,065	FALSE
-0,105	0,308	-0,003	0,009	0,137	FALSE
-0,086	0,306	-0,002	0,007	0,098	FALSE
0,078	0,297	0,003	0,012	0,086	FALSE
-0,099	0,304	-0,004	0,013	0,111	FALSE
-0,156	0,303	-0,006	0,013	0,208	FALSE
0,065	0,313	0,003	0,013	0,082	FALSE
0,052	0,302	0,001	0,007	0,058	FALSE
-0,120	0,319	-0,003	0,009	0,149	FALSE
0,030	0,298	0,001	0,008	0,041	FALSE
0,071	0,312	0,002	0,007	0,098	FALSE
0,045	0,301	0,001	0,008	0,049	FALSE
-0,113	0,300	-0,004	0,010	0,150	FALSE
-0,041	0,327	-0,002	0,013	0,048	FALSE
-0,042	0,293	-0,003	0,012	0,077	FALSE
0,029	0,307	0,001	0,013	0,021	FALSE
-0,048	0,310	-0,001	0,008	0,053	FALSE
-0,022	0,320	-0,001	0,011	0,033	FALSE
-0,059	0,303	-0,002	0,010	0,086	FALSE
0,052	0,301	0,001	0,006	0,081	FALSE
-0,065	0,307	-0,001	0,008	0,045	FALSE
-0,033	0,299	-0,001	0,007	0,038	FALSE
-0,076	0,315	-0,002	0,009	0,093	FALSE
-0,105	0,315	-0,004	0,011	0,133	FALSE
-0,079	0,311	-0,003	0,009	0,111	FALSE
0,058	0,310	0,002	0,012	0,060	FALSE
0,044	0,319	0,002	0,011	0,062	FALSE
0,065	0,307	0,002	0,009	0,077	FALSE
-0,047	0,314	-0,001	0,009	0,058	FALSE
0,070	0,307	0,002	0,008	0,085	FALSE
0,204	0,292	0,006	0,009	0,297	FALSE
-0,094	0,307	-0,003	0,010	0,105	FALSE
0,186	0,299	0,005	0,009	0,257	FALSE
0,090	0,303	0,003	0,009	0,136	FALSE
0,058	0,293	0,002	0,007	0,084	FALSE
-0,102	0,293	-0,004	0,010	0,154	FALSE
-0,050	0,303	-0,001	0,007	0,034	FALSE
0,002	0,294	0,001	0,008	0,030	FALSE
-0,093	0,310	-0,005	0,012	0,152	FALSE
-0,131	0,307	-0,004	0,009	0,181	FALSE
-0,188	0,285	-0,008	0,012	0,289	FALSE
0,014	0,317	0,000	0,008	0,018	FALSE
0,005	0,313	0,000	0,011	0,014	FALSE

0,009	0,305	0,000	0,011	0,010	FALSE
-0,107	0,309	-0,002	0,007	0,107	FALSE
0,000	0,318	0,000	0,008	0,011	FALSE
0,105	0,321	0,005	0,013	0,152	FALSE
-0,065	0,298	-0,003	0,012	0,084	FALSE
0,082	0,314	0,004	0,012	0,117	FALSE
0,069	0,319	0,004	0,012	0,110	FALSE
0,044	0,312	0,002	0,007	0,081	FALSE
0,030	0,307	0,000	0,009	0,018	FALSE
-0,063	0,302	-0,001	0,007	0,065	FALSE
0,026	0,301	0,001	0,009	0,055	FALSE
-0,047	0,311	-0,001	0,009	0,045	FALSE
-0,034	0,300	-0,001	0,008	0,026	FALSE
0,070	0,312	0,003	0,013	0,080	FALSE
0,067	0,310	0,003	0,013	0,078	FALSE
0,066	0,320	0,003	0,013	0,083	FALSE
-0,066	0,295	-0,002	0,007	0,110	FALSE
-0,044	0,303	-0,001	0,013	0,035	FALSE
0,071	0,300	0,002	0,006	0,129	FALSE
0,099	0,294	0,003	0,006	0,164	FALSE
0,020	0,314	0,001	0,007	0,045	FALSE
-0,097	0,299	-0,003	0,012	0,091	FALSE
-0,143	0,310	-0,004	0,007	0,203	FALSE
-0,098	0,310	-0,004	0,012	0,133	FALSE
0,007	0,305	0,000	0,010	0,002	FALSE
0,079	0,296	0,003	0,009	0,120	FALSE
-0,047	0,309	-0,001	0,008	0,066	FALSE
0,025	0,309	0,000	0,008	0,022	FALSE
-0,082	0,306	-0,004	0,012	0,117	FALSE
-0,070	0,327	-0,003	0,013	0,087	FALSE
0,069	0,307	0,002	0,009	0,101	FALSE
-0,027	0,311	0,000	0,008	0,014	FALSE
-0,048	0,304	-0,002	0,009	0,071	FALSE
-0,082	0,319	-0,003	0,009	0,105	FALSE
-0,018	0,314	-0,001	0,011	0,036	FALSE
0,129	0,310	0,005	0,011	0,170	FALSE
0,161	0,315	0,007	0,013	0,222	FALSE
-0,049	0,309	-0,001	0,011	0,023	FALSE
0,063	0,303	0,003	0,011	0,099	FALSE
-0,140	0,295	-0,006	0,012	0,230	FALSE
-0,031	0,315	-0,001	0,009	0,053	FALSE
-0,128	0,313	-0,003	0,008	0,139	FALSE
-0,128	0,305	-0,003	0,008	0,161	FALSE
-0,010	0,316	0,000	0,010	0,006	FALSE
-0,088	0,283	-0,003	0,007	0,136	FALSE
0,039	0,299	0,001	0,007	0,052	FALSE
-0,067	0,312	-0,001	0,008	0,061	FALSE
0,119	0,306	0,004	0,013	0,128	FALSE
0,159	0,306	0,006	0,012	0,228	FALSE
0,128	0,317	0,005	0,012	0,162	FALSE
0,057	0,318	0,001	0,010	0,047	FALSE
0,011	0,308	0,001	0,013	0,026	FALSE
0,009	0,310	0,000	0,010	0,010	FALSE

-0,025	0,309	-0,001	0,011	0,019	FALSE
-0,004	0,311	0,000	0,011	0,006	FALSE
-0,020	0,318	0,000	0,011	0,013	FALSE
0,045	0,317	0,002	0,010	0,058	FALSE
-0,006	0,298	0,000	0,010	0,008	FALSE
0,126	0,289	0,004	0,010	0,180	FALSE
0,024	0,317	0,001	0,012	0,034	FALSE
0,012	0,320	0,000	0,009	0,006	FALSE
-0,007	0,305	0,000	0,012	0,005	FALSE
-0,023	0,299	-0,001	0,012	0,022	FALSE
-0,010	0,292	0,000	0,011	0,007	FALSE
0,116	0,318	0,004	0,011	0,154	FALSE
-0,154	0,290	-0,004	0,008	0,212	FALSE
0,056	0,299	0,002	0,008	0,072	FALSE
-0,015	0,295	-0,001	0,010	0,019	FALSE
0,019	0,304	0,000	0,007	0,002	FALSE
0,014	0,328	0,000	0,011	0,009	FALSE
0,029	0,303	0,002	0,012	0,052	FALSE
0,120	0,300	0,002	0,007	0,141	FALSE
-0,063	0,307	-0,003	0,012	0,087	FALSE
-0,039	0,311	-0,001	0,013	0,022	FALSE
0,028	0,304	0,001	0,007	0,032	FALSE
0,019	0,303	0,000	0,007	0,011	FALSE
0,033	0,305	0,001	0,008	0,049	FALSE
-0,121	0,290	-0,002	0,006	0,149	FALSE
-0,009	0,309	0,000	0,008	0,006	FALSE
0,127	0,303	0,003	0,006	0,202	FALSE
-0,098	0,310	-0,002	0,007	0,119	FALSE
0,003	0,289	0,000	0,007	0,013	FALSE
0,142	0,301	0,003	0,006	0,185	FALSE
0,079	0,304	0,002	0,010	0,088	FALSE
0,004	0,305	0,000	0,010	0,014	FALSE
-0,089	0,298	-0,002	0,008	0,108	FALSE
0,033	0,283	0,001	0,007	0,043	FALSE
0,116	0,304	0,003	0,008	0,161	FALSE
0,078	0,307	0,003	0,011	0,101	FALSE
0,015	0,316	0,000	0,013	0,009	FALSE
0,035	0,316	0,001	0,011	0,028	FALSE
-0,019	0,303	0,000	0,007	0,005	FALSE
-0,069	0,305	-0,003	0,009	0,108	FALSE
0,024	0,317	0,001	0,007	0,062	FALSE
0,003	0,307	0,000	0,010	0,016	FALSE
0,029	0,298	0,001	0,008	0,059	FALSE
0,080	0,310	0,003	0,012	0,096	FALSE
0,041	0,314	0,001	0,012	0,034	FALSE
0,113	0,314	0,003	0,007	0,171	FALSE
-0,097	0,308	-0,002	0,007	0,128	FALSE
-0,096	0,301	-0,002	0,007	0,113	FALSE
-0,085	0,305	-0,002	0,007	0,104	FALSE
-0,058	0,294	-0,001	0,007	0,078	FALSE
-0,042	0,295	-0,001	0,006	0,044	FALSE
-0,091	0,301	-0,002	0,007	0,113	FALSE
-0,035	0,300	-0,001	0,010	0,050	FALSE

0,056	0,309	0,003	0,012	0,087	FALSE
0,190	0,291	0,008	0,010	0,329	FALSE
0,006	0,306	0,000	0,009	0,012	FALSE
0,018	0,321	0,000	0,010	0,002	FALSE
-0,111	0,292	-0,003	0,008	0,147	FALSE
-0,087	0,311	-0,002	0,008	0,108	FALSE
0,063	0,303	0,002	0,013	0,043	FALSE
0,077	0,302	0,003	0,013	0,092	FALSE
-0,023	0,292	0,000	0,006	0,021	FALSE
-0,004	0,319	-0,001	0,012	0,025	FALSE
-0,036	0,307	-0,001	0,009	0,039	FALSE
0,039	0,303	0,001	0,006	0,052	FALSE
-0,041	0,318	-0,001	0,008	0,064	FALSE
0,080	0,299	0,002	0,012	0,073	FALSE
-0,059	0,316	-0,003	0,013	0,081	FALSE
-0,099	0,298	-0,002	0,008	0,114	FALSE
0,130	0,306	0,004	0,011	0,159	FALSE
0,014	0,305	0,000	0,007	0,005	FALSE
-0,047	0,285	-0,001	0,007	0,035	FALSE
-0,033	0,296	-0,001	0,011	0,033	FALSE
0,111	0,303	0,003	0,012	0,110	FALSE
0,052	0,300	0,001	0,007	0,054	FALSE
-0,094	0,301	-0,002	0,007	0,103	FALSE
0,028	0,307	0,001	0,007	0,060	FALSE
0,090	0,306	0,004	0,012	0,130	FALSE
0,050	0,306	0,001	0,007	0,077	FALSE
0,004	0,314	0,000	0,008	0,002	FALSE
-0,020	0,302	-0,001	0,009	0,038	FALSE
0,117	0,300	0,004	0,011	0,141	FALSE
-0,011	0,312	0,000	0,008	0,005	FALSE
0,034	0,319	0,001	0,008	0,056	FALSE
0,117	0,285	0,003	0,009	0,152	FALSE
-0,078	0,316	-0,003	0,011	0,098	FALSE
0,041	0,287	0,001	0,008	0,049	FALSE
-0,129	0,309	-0,005	0,012	0,150	FALSE
0,036	0,306	0,001	0,009	0,045	FALSE
0,006	0,306	-0,001	0,011	0,019	FALSE
0,021	0,309	0,000	0,011	0,011	FALSE
0,010	0,303	0,000	0,011	0,001	FALSE
0,080	0,317	0,003	0,013	0,101	FALSE
0,061	0,311	0,003	0,012	0,081	FALSE
0,001	0,314	0,000	0,009	0,006	FALSE
-0,133	0,293	-0,003	0,008	0,176	FALSE
-0,046	0,297	-0,002	0,012	0,045	FALSE
0,029	0,309	0,002	0,009	0,063	FALSE
0,057	0,308	0,002	0,008	0,082	FALSE
0,009	0,306	0,001	0,008	0,035	FALSE
0,066	0,304	0,002	0,012	0,057	FALSE
0,021	0,312	0,000	0,007	0,008	FALSE
0,013	0,302	0,000	0,007	0,002	FALSE
0,167	0,295	0,007	0,012	0,270	FALSE
0,091	0,320	0,004	0,013	0,104	FALSE
0,015	0,305	0,001	0,008	0,031	FALSE

-0,001	0,305	0,000	0,009	0,005	FALSE
0,061	0,308	0,003	0,011	0,087	FALSE
0,027	0,310	0,000	0,010	0,014	FALSE
0,054	0,294	0,001	0,007	0,073	FALSE
-0,030	0,304	-0,001	0,008	0,038	FALSE
-0,159	0,305	-0,004	0,007	0,255	FALSE
0,020	0,306	0,001	0,013	0,022	FALSE
0,043	0,301	0,003	0,012	0,095	FALSE
0,026	0,307	0,002	0,011	0,079	FALSE
-0,048	0,318	-0,002	0,011	0,064	FALSE
-0,128	0,310	-0,006	0,012	0,211	FALSE
-0,114	0,303	-0,006	0,012	0,195	FALSE
0,015	0,322	0,000	0,006	0,020	FALSE
0,067	0,304	0,004	0,012	0,141	FALSE
0,024	0,299	0,002	0,012	0,061	FALSE
0,059	0,309	0,004	0,012	0,111	FALSE
0,031	0,301	0,001	0,012	0,042	FALSE
0,034	0,301	0,001	0,012	0,040	FALSE
-0,033	0,302	-0,002	0,011	0,057	FALSE
0,148	0,306	0,004	0,006	0,240	FALSE
0,119	0,301	0,005	0,011	0,192	FALSE
-0,010	0,304	0,000	0,008	0,003	FALSE
0,012	0,315	0,000	0,011	0,011	FALSE
-0,017	0,306	0,000	0,007	0,008	FALSE
-0,034	0,304	0,000	0,007	0,024	FALSE
0,087	0,298	0,004	0,013	0,143	FALSE
0,127	0,331	0,004	0,009	0,198	FALSE
-0,074	0,307	-0,001	0,007	0,078	FALSE
-0,030	0,316	-0,001	0,008	0,050	FALSE
-0,151	0,313	-0,005	0,009	0,201	FALSE
0,153	0,297	0,005	0,011	0,190	FALSE
0,073	0,310	0,001	0,006	0,082	FALSE
0,080	0,305	0,003	0,009	0,114	FALSE
0,076	0,304	0,002	0,006	0,136	FALSE
0,015	0,297	0,002	0,011	0,054	FALSE
0,090	0,280	0,002	0,011	0,078	FALSE
-0,024	0,313	-0,001	0,009	0,030	FALSE
0,052	0,306	0,002	0,010	0,062	FALSE
-0,024	0,311	-0,001	0,011	0,037	FALSE
0,080	0,301	0,003	0,011	0,126	FALSE
-0,071	0,295	-0,001	0,006	0,083	FALSE
0,076	0,294	0,003	0,012	0,106	FALSE
0,047	0,306	0,002	0,012	0,061	FALSE
0,054	0,307	0,003	0,013	0,072	FALSE
-0,007	0,313	0,000	0,007	0,007	FALSE
-0,045	0,286	-0,001	0,009	0,031	FALSE
0,103	0,316	0,004	0,013	0,132	FALSE
-0,130	0,322	-0,004	0,010	0,152	FALSE
0,012	0,300	0,000	0,010	0,005	FALSE
-0,121	0,298	-0,005	0,010	0,187	FALSE
0,027	0,327	0,001	0,012	0,036	FALSE
0,054	0,314	0,002	0,013	0,062	FALSE
0,106	0,308	0,003	0,010	0,142	FALSE

-0,061	0,307	-0,001	0,007	0,072	FALSE
0,079	0,302	0,003	0,012	0,093	FALSE
0,146	0,306	0,005	0,011	0,198	FALSE
0,098	0,303	0,002	0,011	0,086	FALSE
0,070	0,303	0,002	0,011	0,053	FALSE
0,033	0,297	0,001	0,009	0,039	FALSE
0,024	0,295	0,000	0,008	0,010	FALSE
0,085	0,304	0,003	0,012	0,084	FALSE
0,098	0,295	0,003	0,009	0,124	FALSE
0,094	0,298	0,003	0,013	0,086	FALSE
0,008	0,313	0,001	0,010	0,023	FALSE
-0,027	0,314	-0,001	0,007	0,069	FALSE
0,056	0,313	0,001	0,008	0,062	FALSE
-0,035	0,303	-0,001	0,009	0,045	FALSE
0,029	0,313	0,001	0,008	0,033	FALSE
0,008	0,318	0,000	0,011	0,003	FALSE
0,065	0,319	0,002	0,007	0,083	FALSE
-0,061	0,303	-0,004	0,013	0,129	FALSE
0,005	0,300	0,000	0,007	0,002	FALSE
-0,046	0,315	-0,003	0,013	0,074	FALSE
0,044	0,315	0,002	0,012	0,069	FALSE
-0,015	0,293	-0,001	0,010	0,043	FALSE
0,095	0,299	0,005	0,013	0,147	FALSE
0,062	0,311	0,001	0,008	0,066	FALSE
-0,008	0,293	-0,001	0,010	0,049	FALSE
0,053	0,300	0,002	0,008	0,081	FALSE
0,087	0,312	0,002	0,007	0,093	FALSE
-0,005	0,306	0,000	0,012	0,006	FALSE
-0,112	0,308	-0,004	0,011	0,161	FALSE
-0,014	0,307	0,000	0,007	0,002	FALSE
-0,021	0,307	-0,001	0,011	0,026	FALSE
0,059	0,305	0,001	0,013	0,040	FALSE
0,040	0,297	0,001	0,009	0,035	FALSE
0,077	0,309	0,002	0,010	0,081	FALSE
0,023	0,320	0,001	0,011	0,022	FALSE
-0,053	0,322	-0,002	0,008	0,077	FALSE
0,128	0,303	0,005	0,011	0,175	FALSE
-0,036	0,302	-0,001	0,007	0,025	FALSE
-0,056	0,320	-0,002	0,011	0,065	FALSE
-0,011	0,307	-0,001	0,009	0,021	FALSE
-0,010	0,329	0,000	0,011	0,000	FALSE
0,001	0,317	0,000	0,007	0,011	FALSE
-0,020	0,318	0,000	0,007	0,004	FALSE
-0,021	0,307	-0,001	0,013	0,026	FALSE
0,086	0,301	0,005	0,012	0,150	FALSE
-0,089	0,311	-0,005	0,013	0,147	FALSE
0,070	0,306	0,002	0,009	0,070	FALSE
0,011	0,307	0,000	0,007	0,002	FALSE
0,130	0,308	0,004	0,008	0,171	FALSE
-0,036	0,307	-0,001	0,010	0,037	FALSE
-0,047	0,309	-0,001	0,007	0,035	FALSE
-0,049	0,313	-0,001	0,009	0,064	FALSE
-0,022	0,302	0,000	0,010	0,009	FALSE

-0,097	0,308	-0,003	0,009	0,122	FALSE
0,024	0,318	0,001	0,012	0,035	FALSE
0,028	0,315	0,001	0,007	0,043	FALSE
0,135	0,308	0,004	0,008	0,185	FALSE
-0,046	0,291	-0,002	0,012	0,071	FALSE
0,034	0,315	0,001	0,006	0,055	FALSE
0,092	0,303	0,004	0,013	0,111	FALSE
-0,058	0,300	-0,001	0,012	0,035	FALSE
-0,077	0,295	-0,003	0,011	0,116	FALSE
-0,036	0,305	-0,002	0,010	0,054	FALSE
-0,086	0,305	-0,004	0,013	0,129	FALSE
-0,043	0,291	0,000	0,008	0,007	FALSE
0,017	0,300	0,001	0,011	0,045	FALSE
0,031	0,313	0,001	0,007	0,028	FALSE
0,166	0,298	0,004	0,007	0,233	FALSE
-0,034	0,313	-0,001	0,009	0,029	FALSE
-0,119	0,308	-0,004	0,009	0,165	FALSE
-0,065	0,315	-0,002	0,010	0,065	FALSE
-0,001	0,310	-0,001	0,010	0,024	FALSE
-0,118	0,299	-0,004	0,010	0,175	FALSE
0,028	0,322	0,001	0,009	0,038	FALSE
-0,150	0,302	-0,004	0,010	0,174	FALSE
-0,125	0,305	-0,004	0,009	0,185	FALSE
-0,129	0,306	-0,004	0,009	0,170	FALSE
-0,125	0,303	-0,004	0,009	0,176	FALSE
-0,137	0,308	-0,006	0,013	0,205	FALSE
-0,028	0,302	-0,001	0,010	0,042	FALSE
0,042	0,307	0,001	0,010	0,045	FALSE
0,022	0,310	0,000	0,010	0,008	FALSE
0,036	0,311	0,000	0,009	0,016	FALSE
0,064	0,315	0,002	0,013	0,061	FALSE
0,045	0,309	0,001	0,013	0,040	FALSE
0,027	0,316	0,001	0,013	0,021	FALSE
-0,047	0,308	-0,001	0,008	0,046	FALSE
0,003	0,303	0,000	0,012	0,003	FALSE
0,138	0,305	0,004	0,008	0,191	FALSE
-0,080	0,300	-0,001	0,006	0,089	FALSE
0,058	0,299	0,003	0,012	0,092	FALSE
-0,016	0,299	-0,001	0,011	0,035	FALSE
-0,067	0,300	-0,003	0,010	0,098	FALSE
0,153	0,299	0,006	0,012	0,216	FALSE
0,128	0,303	0,006	0,012	0,191	FALSE
0,155	0,306	0,006	0,012	0,205	FALSE
-0,064	0,297	-0,002	0,009	0,075	FALSE
0,075	0,308	0,002	0,007	0,102	FALSE
0,005	0,309	0,000	0,011	0,007	FALSE
-0,039	0,304	-0,001	0,009	0,032	FALSE
-0,079	0,310	-0,002	0,007	0,083	FALSE
-0,038	0,309	-0,001	0,012	0,038	FALSE
-0,123	0,301	-0,003	0,007	0,152	FALSE
-0,014	0,309	-0,001	0,013	0,018	FALSE
0,186	0,284	0,007	0,011	0,285	FALSE
0,047	0,312	0,002	0,007	0,089	FALSE

-0,094	0,300	-0,004	0,013	0,135	FALSE
0,027	0,313	0,001	0,011	0,037	FALSE
0,017	0,299	0,001	0,010	0,027	FALSE
0,089	0,315	0,003	0,011	0,094	FALSE
0,048	0,316	0,001	0,009	0,052	FALSE
0,067	0,322	0,001	0,006	0,068	FALSE
-0,042	0,310	-0,001	0,009	0,042	FALSE
0,008	0,295	0,000	0,006	0,021	FALSE
0,042	0,296	0,002	0,011	0,064	FALSE
-0,012	0,308	-0,001	0,007	0,025	FALSE
0,027	0,307	0,000	0,009	0,010	FALSE
0,069	0,310	0,002	0,010	0,085	FALSE
0,101	0,289	0,004	0,010	0,166	FALSE
0,012	0,323	0,000	0,010	0,008	FALSE
-0,021	0,308	0,000	0,008	0,006	FALSE
-0,008	0,310	-0,001	0,008	0,034	FALSE
-0,037	0,285	-0,001	0,012	0,030	FALSE
-0,131	0,310	-0,003	0,007	0,159	FALSE
0,068	0,307	0,002	0,007	0,103	FALSE
0,131	0,298	0,006	0,012	0,219	FALSE
-0,053	0,301	-0,001	0,009	0,040	FALSE
-0,038	0,302	0,000	0,009	0,015	FALSE
0,019	0,310	0,000	0,009	0,011	FALSE
0,039	0,295	0,000	0,007	0,026	FALSE
0,038	0,326	0,002	0,011	0,052	FALSE
0,101	0,304	0,003	0,009	0,148	FALSE
0,119	0,307	0,004	0,009	0,172	FALSE
-0,099	0,304	-0,004	0,013	0,114	FALSE
-0,113	0,305	-0,005	0,013	0,145	FALSE
-0,112	0,285	-0,003	0,007	0,178	FALSE
0,127	0,300	0,006	0,012	0,195	FALSE
-0,066	0,319	-0,002	0,012	0,071	FALSE
-0,033	0,312	-0,001	0,010	0,035	FALSE
0,096	0,303	0,003	0,010	0,114	FALSE
0,195	0,299	0,007	0,011	0,285	FALSE
0,117	0,303	0,005	0,011	0,173	FALSE
-0,013	0,291	0,000	0,006	0,017	FALSE
0,125	0,303	0,005	0,011	0,178	FALSE
-0,023	0,313	-0,001	0,012	0,032	FALSE
0,014	0,288	0,001	0,012	0,042	FALSE
-0,031	0,309	-0,001	0,011	0,027	FALSE
-0,168	0,300	-0,006	0,010	0,234	FALSE
-0,130	0,309	-0,003	0,008	0,175	FALSE
-0,026	0,295	0,000	0,007	0,017	FALSE
0,059	0,303	0,002	0,008	0,103	FALSE
-0,049	0,317	-0,001	0,009	0,029	FALSE
-0,089	0,311	-0,003	0,012	0,103	FALSE
-0,060	0,303	-0,002	0,012	0,066	FALSE
0,032	0,315	0,000	0,007	0,009	FALSE
0,125	0,291	0,003	0,008	0,154	FALSE
0,069	0,311	0,002	0,013	0,070	FALSE
-0,147	0,306	-0,005	0,013	0,174	FALSE
-0,144	0,298	-0,006	0,013	0,190	FALSE

-0,161	0,294	-0,007	0,012	0,221	FALSE
0,016	0,297	0,001	0,009	0,030	FALSE
-0,008	0,324	0,000	0,009	0,001	FALSE
0,055	0,295	0,002	0,007	0,086	FALSE
0,165	0,292	0,007	0,012	0,243	FALSE
-0,171	0,292	-0,003	0,007	0,210	FALSE
0,035	0,303	0,001	0,007	0,032	FALSE
0,069	0,318	0,002	0,009	0,109	FALSE
0,089	0,303	0,002	0,009	0,106	FALSE
-0,048	0,316	-0,002	0,012	0,044	FALSE
-0,087	0,309	-0,002	0,007	0,108	FALSE
-0,005	0,310	0,000	0,008	0,001	FALSE
-0,087	0,305	-0,002	0,006	0,122	FALSE
0,113	0,307	0,004	0,011	0,141	FALSE
-0,085	0,313	-0,003	0,009	0,112	FALSE
-0,046	0,323	-0,001	0,008	0,042	FALSE
0,083	0,297	0,003	0,008	0,131	FALSE
-0,043	0,302	-0,001	0,006	0,064	FALSE
0,273	0,293	0,008	0,008	0,476	FALSE
0,037	0,309	0,001	0,009	0,038	FALSE
-0,092	0,304	-0,004	0,010	0,165	FALSE
0,009	0,305	0,000	0,013	0,001	FALSE
-0,065	0,307	-0,004	0,012	0,125	FALSE
0,066	0,298	0,004	0,009	0,159	FALSE
-0,006	0,301	0,000	0,009	0,009	FALSE
-0,021	0,315	0,000	0,012	0,004	FALSE
-0,003	0,309	0,000	0,012	0,009	FALSE
0,107	0,304	0,003	0,008	0,168	FALSE
-0,143	0,311	-0,005	0,010	0,213	FALSE
-0,114	0,303	-0,004	0,010	0,183	FALSE
-0,046	0,333	-0,001	0,009	0,049	FALSE
0,020	0,321	0,000	0,009	0,017	FALSE
-0,029	0,308	-0,001	0,008	0,048	FALSE
-0,020	0,311	-0,001	0,010	0,051	FALSE
0,064	0,303	0,002	0,007	0,103	FALSE
0,116	0,303	0,005	0,012	0,149	FALSE
-0,024	0,325	-0,001	0,011	0,025	FALSE
0,041	0,303	0,001	0,007	0,064	FALSE
-0,024	0,295	-0,001	0,012	0,017	FALSE
0,067	0,316	0,002	0,008	0,077	FALSE
-0,030	0,313	0,000	0,007	0,015	FALSE
-0,102	0,295	-0,002	0,007	0,149	FALSE
0,069	0,314	0,002	0,008	0,081	FALSE
-0,119	0,302	-0,003	0,008	0,168	FALSE
-0,023	0,304	-0,002	0,012	0,053	FALSE
0,004	0,311	0,000	0,006	0,013	FALSE
-0,078	0,294	-0,002	0,007	0,092	FALSE
0,096	0,308	0,002	0,006	0,148	FALSE
0,036	0,304	0,001	0,012	0,031	FALSE
0,038	0,301	0,001	0,007	0,027	FALSE
-0,042	0,317	-0,002	0,012	0,058	FALSE
0,044	0,306	0,001	0,009	0,038	FALSE
0,064	0,296	0,001	0,007	0,061	FALSE

-0,058	0,301	-0,001	0,008	0,051	FALSE
-0,032	0,305	-0,002	0,010	0,067	FALSE
0,052	0,317	0,001	0,007	0,079	FALSE
-0,015	0,312	0,000	0,009	0,014	FALSE
-0,097	0,311	-0,002	0,007	0,102	FALSE
0,041	0,317	0,001	0,009	0,059	FALSE
0,058	0,300	0,002	0,010	0,058	FALSE
-0,073	0,322	-0,002	0,012	0,062	FALSE
-0,066	0,302	-0,001	0,007	0,085	FALSE
0,081	0,307	0,003	0,011	0,118	FALSE
-0,125	0,283	-0,004	0,012	0,145	FALSE
0,118	0,301	0,005	0,011	0,188	FALSE
0,016	0,306	0,001	0,009	0,019	FALSE
0,029	0,295	0,001	0,010	0,039	FALSE
-0,083	0,292	-0,003	0,010	0,130	FALSE
0,036	0,310	0,001	0,009	0,054	FALSE
0,109	0,299	0,005	0,013	0,166	FALSE
-0,051	0,302	-0,002	0,012	0,059	FALSE
0,030	0,330	0,001	0,009	0,042	FALSE
0,081	0,315	0,002	0,008	0,114	FALSE
0,123	0,303	0,004	0,010	0,184	FALSE
0,008	0,306	0,001	0,013	0,020	FALSE
-0,055	0,307	-0,001	0,006	0,084	FALSE
-0,001	0,299	0,000	0,007	0,005	FALSE
-0,030	0,302	-0,001	0,013	0,042	FALSE
0,034	0,299	0,001	0,010	0,043	FALSE
0,047	0,303	0,001	0,007	0,064	FALSE
0,036	0,293	0,002	0,011	0,073	FALSE
-0,033	0,325	-0,001	0,011	0,025	FALSE
-0,029	0,299	-0,002	0,011	0,050	FALSE
0,097	0,295	0,004	0,012	0,112	FALSE
0,005	0,304	0,000	0,006	0,024	FALSE
-0,042	0,311	-0,001	0,009	0,037	FALSE
-0,087	0,306	-0,002	0,009	0,072	FALSE
-0,168	0,314	-0,005	0,009	0,237	FALSE
-0,138	0,303	-0,005	0,010	0,202	FALSE
-0,019	0,307	0,000	0,007	0,016	FALSE
-0,001	0,310	0,000	0,009	0,001	FALSE
0,005	0,282	0,000	0,009	0,018	FALSE
-0,115	0,317	-0,003	0,010	0,142	FALSE
-0,135	0,307	-0,003	0,008	0,186	FALSE
-0,042	0,305	-0,002	0,013	0,049	FALSE
-0,093	0,313	-0,003	0,010	0,103	FALSE
-0,014	0,323	0,000	0,011	0,004	FALSE
0,045	0,312	0,002	0,010	0,060	FALSE
-0,001	0,314	0,000	0,011	0,011	FALSE
-0,064	0,293	-0,001	0,006	0,081	FALSE
0,065	0,303	0,001	0,008	0,049	FALSE
-0,067	0,309	-0,003	0,009	0,112	FALSE
-0,034	0,294	-0,001	0,011	0,030	FALSE
0,038	0,308	0,001	0,013	0,026	FALSE
-0,051	0,310	-0,002	0,010	0,082	FALSE
-0,045	0,320	-0,001	0,008	0,063	FALSE

-0,087	0,305	-0,002	0,007	0,107	FALSE
-0,036	0,313	-0,001	0,007	0,050	FALSE
-0,105	0,308	-0,003	0,009	0,129	FALSE
0,012	0,315	0,001	0,010	0,022	FALSE
0,040	0,307	0,001	0,011	0,050	FALSE
-0,046	0,313	-0,002	0,011	0,076	FALSE
-0,085	0,324	-0,002	0,009	0,087	FALSE
0,052	0,289	0,002	0,011	0,082	FALSE
0,031	0,309	0,001	0,011	0,022	FALSE
-0,103	0,292	-0,004	0,012	0,147	FALSE
0,112	0,317	0,003	0,009	0,138	FALSE
-0,103	0,315	-0,003	0,009	0,139	FALSE
-0,027	0,316	0,000	0,007	0,016	FALSE
-0,104	0,302	-0,004	0,010	0,142	FALSE
0,019	0,306	0,001	0,008	0,028	FALSE
-0,131	0,297	-0,004	0,010	0,186	FALSE
0,082	0,311	0,003	0,012	0,102	FALSE
0,068	0,301	0,004	0,012	0,130	FALSE
0,088	0,303	0,003	0,009	0,125	FALSE
0,123	0,290	0,003	0,006	0,176	FALSE
0,110	0,311	0,002	0,007	0,151	FALSE
-0,006	0,288	-0,001	0,012	0,017	FALSE
0,020	0,301	0,000	0,010	0,002	FALSE
0,028	0,300	0,000	0,011	0,003	FALSE
0,053	0,308	0,002	0,011	0,053	FALSE
-0,053	0,321	-0,002	0,011	0,060	FALSE
0,080	0,288	0,003	0,011	0,127	FALSE
0,072	0,307	0,003	0,011	0,119	FALSE
0,028	0,318	0,000	0,010	0,014	FALSE
-0,142	0,297	-0,003	0,007	0,176	FALSE
-0,164	0,299	-0,004	0,007	0,224	FALSE
0,091	0,314	0,003	0,008	0,119	FALSE
0,017	0,292	0,000	0,010	0,014	FALSE
-0,080	0,296	-0,003	0,012	0,095	FALSE
0,030	0,309	0,001	0,007	0,057	FALSE
0,109	0,318	0,003	0,009	0,144	FALSE
-0,073	0,301	-0,003	0,012	0,091	FALSE
0,023	0,317	0,001	0,012	0,044	FALSE
-0,045	0,304	-0,001	0,006	0,056	FALSE
0,038	0,292	0,001	0,007	0,045	FALSE
-0,026	0,314	-0,001	0,012	0,026	FALSE
-0,031	0,309	-0,001	0,012	0,024	FALSE
-0,027	0,300	-0,001	0,012	0,028	FALSE
0,120	0,311	0,003	0,007	0,159	FALSE
-0,071	0,306	-0,002	0,012	0,071	FALSE
0,078	0,288	0,002	0,006	0,099	FALSE
0,036	0,298	0,001	0,009	0,024	FALSE
0,002	0,306	-0,001	0,009	0,027	FALSE
-0,010	0,304	0,000	0,006	0,027	FALSE
0,027	0,312	0,002	0,012	0,049	FALSE
0,111	0,298	0,004	0,010	0,156	FALSE
-0,094	0,297	-0,003	0,007	0,135	FALSE
0,024	0,299	0,001	0,007	0,031	FALSE

-0,052	0,310	-0,001	0,009	0,045	FALSE
-0,037	0,302	-0,001	0,011	0,027	FALSE
0,054	0,325	0,002	0,010	0,081	FALSE
0,054	0,317	0,001	0,006	0,079	FALSE
0,061	0,306	0,002	0,006	0,094	FALSE
-0,171	0,301	-0,007	0,013	0,252	FALSE
0,077	0,294	0,002	0,011	0,078	FALSE
-0,092	0,309	-0,002	0,007	0,133	FALSE
-0,099	0,316	-0,002	0,007	0,128	FALSE
-0,088	0,300	-0,003	0,010	0,109	FALSE
-0,013	0,320	-0,001	0,011	0,043	FALSE
0,082	0,302	0,003	0,012	0,084	FALSE
0,086	0,308	0,003	0,013	0,088	FALSE
0,016	0,300	-0,001	0,008	0,027	FALSE
0,082	0,304	0,004	0,011	0,143	FALSE
0,084	0,309	0,004	0,012	0,116	FALSE
0,040	0,310	0,002	0,011	0,056	FALSE
0,070	0,309	0,002	0,007	0,119	FALSE
0,075	0,312	0,001	0,009	0,061	FALSE
0,010	0,312	0,000	0,011	0,014	FALSE
-0,046	0,308	-0,001	0,006	0,039	FALSE
-0,055	0,306	-0,002	0,013	0,057	FALSE
-0,042	0,305	-0,002	0,013	0,062	FALSE
-0,104	0,315	-0,003	0,009	0,140	FALSE
0,001	0,298	0,000	0,010	0,004	FALSE
-0,085	0,310	-0,002	0,007	0,082	FALSE
-0,188	0,301	-0,005	0,008	0,296	FALSE
0,051	0,299	0,002	0,012	0,059	FALSE
-0,068	0,317	-0,003	0,013	0,097	FALSE
-0,055	0,301	-0,002	0,012	0,076	FALSE
-0,068	0,317	-0,003	0,012	0,090	FALSE
-0,043	0,316	-0,002	0,011	0,051	FALSE
-0,053	0,309	-0,001	0,007	0,070	FALSE
-0,041	0,300	-0,002	0,009	0,069	FALSE
0,159	0,316	0,007	0,013	0,225	FALSE
0,057	0,304	0,001	0,006	0,061	FALSE
0,078	0,313	0,002	0,006	0,121	FALSE
0,064	0,304	0,002	0,013	0,064	FALSE
0,058	0,304	0,001	0,009	0,062	FALSE
-0,011	0,308	0,000	0,008	0,013	FALSE
0,056	0,302	0,001	0,007	0,074	FALSE
-0,001	0,323	0,000	0,013	0,002	FALSE
-0,166	0,297	-0,004	0,007	0,229	FALSE
0,001	0,306	0,000	0,007	0,011	FALSE
-0,093	0,317	-0,004	0,013	0,131	FALSE
0,104	0,307	0,004	0,012	0,127	FALSE
-0,047	0,305	-0,001	0,010	0,052	FALSE
-0,032	0,303	-0,001	0,012	0,034	FALSE
-0,048	0,309	-0,002	0,012	0,057	FALSE
-0,026	0,324	0,000	0,008	0,017	FALSE
-0,039	0,314	-0,001	0,008	0,029	FALSE
-0,029	0,308	-0,001	0,009	0,041	FALSE
0,007	0,316	0,000	0,009	0,004	FALSE

-0,020	0,317	-0,001	0,008	0,039	FALSE
0,075	0,301	0,004	0,012	0,126	FALSE
-0,140	0,294	-0,005	0,011	0,189	FALSE
-0,102	0,303	-0,004	0,009	0,172	FALSE
0,083	0,300	0,003	0,012	0,106	FALSE
-0,001	0,302	0,000	0,006	0,005	FALSE
0,003	0,297	0,000	0,010	0,014	FALSE
0,138	0,313	0,003	0,006	0,166	FALSE
0,124	0,317	0,005	0,013	0,161	FALSE
-0,094	0,300	-0,003	0,008	0,144	FALSE
0,013	0,317	0,001	0,007	0,027	FALSE
0,020	0,314	0,001	0,011	0,046	FALSE
0,114	0,296	0,003	0,007	0,153	FALSE
0,008	0,303	0,000	0,006	0,006	FALSE
0,012	0,305	0,000	0,010	0,007	FALSE
0,084	0,303	0,004	0,013	0,138	FALSE
0,158	0,306	0,004	0,009	0,195	FALSE
-0,110	0,305	-0,003	0,008	0,125	FALSE
-0,005	0,320	0,000	0,010	0,008	FALSE
-0,093	0,314	-0,002	0,006	0,112	FALSE
-0,067	0,289	-0,003	0,012	0,090	FALSE
-0,007	0,308	0,000	0,011	0,009	FALSE
-0,095	0,323	-0,003	0,010	0,121	FALSE
0,051	0,313	0,002	0,009	0,066	FALSE
0,096	0,310	0,003	0,009	0,112	FALSE
0,137	0,307	0,006	0,012	0,213	FALSE
-0,067	0,307	-0,002	0,007	0,094	FALSE
0,098	0,299	0,002	0,009	0,101	FALSE
-0,161	0,307	-0,004	0,007	0,236	FALSE
-0,027	0,308	-0,001	0,008	0,024	FALSE
0,044	0,313	0,001	0,013	0,041	FALSE
-0,049	0,316	-0,001	0,007	0,028	FALSE
-0,051	0,316	-0,002	0,010	0,069	FALSE
-0,044	0,293	-0,002	0,009	0,068	FALSE
-0,056	0,303	-0,002	0,009	0,088	FALSE
-0,012	0,309	-0,001	0,008	0,026	FALSE
0,042	0,305	0,002	0,012	0,055	FALSE
0,023	0,313	0,001	0,013	0,037	FALSE
-0,028	0,306	0,000	0,007	0,013	FALSE
-0,097	0,305	-0,004	0,012	0,153	FALSE
-0,191	0,304	-0,005	0,008	0,285	FALSE
-0,080	0,311	-0,003	0,013	0,095	FALSE
-0,093	0,307	-0,004	0,012	0,112	FALSE
0,060	0,310	0,002	0,012	0,065	FALSE
-0,021	0,306	-0,001	0,011	0,039	FALSE
0,097	0,304	0,004	0,011	0,127	FALSE
-0,087	0,296	-0,004	0,013	0,115	FALSE
-0,069	0,314	-0,003	0,013	0,101	FALSE
-0,138	0,298	-0,006	0,013	0,198	FALSE
0,021	0,296	0,000	0,010	0,018	FALSE
0,067	0,307	0,002	0,009	0,090	FALSE
0,241	0,304	0,006	0,007	0,362	FALSE
-0,164	0,279	-0,007	0,012	0,251	FALSE

-0,064	0,311	-0,002	0,013	0,065	FALSE
-0,086	0,295	-0,004	0,011	0,130	FALSE
-0,010	0,315	0,000	0,009	0,019	FALSE
-0,158	0,314	-0,004	0,009	0,194	FALSE
-0,017	0,322	0,000	0,007	0,020	FALSE
0,039	0,317	0,001	0,007	0,063	FALSE
0,009	0,316	0,000	0,011	0,003	FALSE
0,065	0,295	0,002	0,011	0,056	FALSE
0,013	0,307	-0,001	0,012	0,021	FALSE
0,034	0,316	0,001	0,010	0,025	FALSE
0,036	0,309	0,001	0,013	0,035	FALSE
-0,027	0,288	0,000	0,008	0,016	FALSE
0,065	0,304	0,002	0,012	0,063	FALSE
0,045	0,310	0,002	0,012	0,047	FALSE
-0,085	0,307	-0,002	0,008	0,100	FALSE
-0,109	0,306	-0,003	0,009	0,134	FALSE
-0,092	0,310	-0,002	0,006	0,121	FALSE
0,038	0,305	0,001	0,007	0,039	FALSE
0,043	0,305	0,002	0,009	0,086	FALSE
0,111	0,319	0,004	0,012	0,120	FALSE
0,091	0,310	0,002	0,007	0,107	FALSE
-0,025	0,306	-0,001	0,009	0,037	FALSE
0,218	0,291	0,009	0,012	0,336	FALSE
0,231	0,287	0,009	0,012	0,367	FALSE
-0,105	0,314	-0,002	0,008	0,106	FALSE
-0,083	0,315	-0,003	0,010	0,107	FALSE
-0,047	0,303	-0,001	0,010	0,056	FALSE
-0,011	0,310	-0,001	0,013	0,022	FALSE
0,011	0,316	0,000	0,013	0,003	FALSE
-0,053	0,311	-0,002	0,009	0,068	FALSE
-0,003	0,298	0,001	0,007	0,026	FALSE
0,197	0,304	0,004	0,007	0,280	FALSE
0,119	0,297	0,005	0,012	0,155	FALSE
-0,151	0,313	-0,003	0,007	0,201	FALSE
0,008	0,277	0,000	0,006	0,004	FALSE
0,067	0,315	0,002	0,010	0,087	FALSE
0,141	0,292	0,003	0,008	0,169	FALSE
0,088	0,295	0,002	0,008	0,118	FALSE
-0,017	0,305	0,000	0,006	0,008	FALSE
0,025	0,302	0,001	0,008	0,032	FALSE
-0,013	0,324	0,000	0,012	0,013	FALSE
0,067	0,299	0,002	0,009	0,099	FALSE
-0,053	0,316	-0,001	0,012	0,045	FALSE
0,052	0,307	0,002	0,011	0,064	FALSE
0,037	0,302	0,002	0,010	0,056	FALSE
-0,003	0,314	0,000	0,011	0,009	FALSE
0,093	0,284	0,004	0,012	0,134	FALSE
0,086	0,300	0,003	0,009	0,109	FALSE
-0,006	0,309	0,000	0,007	0,025	FALSE
0,042	0,298	0,001	0,008	0,035	FALSE
0,090	0,309	0,003	0,013	0,094	FALSE
-0,122	0,318	-0,003	0,008	0,168	FALSE
0,026	0,293	0,000	0,012	0,009	FALSE

0,013	0,304	0,001	0,009	0,032	FALSE
-0,044	0,309	-0,001	0,008	0,023	FALSE
0,128	0,316	0,005	0,012	0,174	FALSE
-0,102	0,302	-0,003	0,009	0,136	FALSE
0,040	0,305	0,002	0,010	0,067	FALSE
0,048	0,302	0,003	0,011	0,084	FALSE
0,097	0,307	0,003	0,009	0,166	FALSE
0,032	0,298	0,001	0,012	0,031	FALSE
-0,006	0,291	-0,001	0,012	0,034	FALSE
-0,008	0,316	0,000	0,010	0,004	FALSE
-0,097	0,292	-0,002	0,007	0,103	FALSE
-0,115	0,314	-0,002	0,007	0,140	FALSE
0,115	0,313	0,003	0,009	0,140	FALSE
-0,034	0,305	-0,001	0,007	0,026	FALSE
-0,049	0,307	-0,001	0,006	0,052	FALSE
-0,161	0,309	-0,004	0,007	0,214	FALSE
0,009	0,314	0,000	0,013	0,014	FALSE
0,088	0,304	0,003	0,009	0,142	FALSE
0,128	0,314	0,005	0,009	0,200	FALSE
0,085	0,310	0,003	0,008	0,143	FALSE
-0,080	0,298	-0,002	0,008	0,122	FALSE
-0,025	0,310	0,000	0,008	0,012	FALSE
-0,030	0,321	-0,001	0,013	0,016	FALSE
-0,025	0,321	-0,001	0,008	0,038	FALSE
0,019	0,323	0,000	0,012	0,015	FALSE
-0,002	0,310	0,000	0,011	0,013	FALSE
0,049	0,310	0,002	0,013	0,061	FALSE
0,043	0,309	0,002	0,013	0,057	FALSE
0,034	0,300	0,001	0,011	0,021	FALSE
0,043	0,317	0,001	0,007	0,058	FALSE
-0,039	0,311	-0,002	0,013	0,049	FALSE
-0,049	0,301	-0,001	0,009	0,044	FALSE
-0,065	0,327	-0,002	0,011	0,086	FALSE
-0,090	0,317	-0,002	0,008	0,121	FALSE
-0,077	0,302	-0,003	0,009	0,119	FALSE
0,033	0,319	0,002	0,013	0,053	FALSE
-0,030	0,306	-0,001	0,007	0,042	FALSE
0,056	0,300	0,002	0,008	0,118	FALSE
0,021	0,312	0,001	0,007	0,027	FALSE
-0,131	0,300	-0,004	0,009	0,185	FALSE
-0,119	0,306	-0,004	0,011	0,150	FALSE
-0,141	0,304	-0,006	0,012	0,199	FALSE
-0,072	0,310	-0,001	0,007	0,079	FALSE
-0,009	0,310	-0,001	0,012	0,020	FALSE
-0,006	0,297	-0,001	0,013	0,014	FALSE
0,112	0,295	0,004	0,011	0,171	FALSE
0,120	0,308	0,004	0,012	0,129	FALSE
0,049	0,321	0,001	0,007	0,048	FALSE
-0,003	0,313	0,000	0,007	0,019	FALSE
-0,014	0,308	0,000	0,012	0,005	FALSE
0,023	0,304	0,001	0,007	0,030	FALSE
-0,065	0,320	-0,001	0,007	0,068	FALSE
0,054	0,302	0,001	0,009	0,047	FALSE

0,023	0,301	0,000	0,009	0,009	FALSE
0,035	0,306	0,001	0,008	0,023	FALSE
0,022	0,316	0,000	0,008	0,013	FALSE
0,019	0,317	0,000	0,008	0,003	FALSE
0,007	0,310	0,000	0,011	0,005	FALSE
0,019	0,300	0,000	0,010	0,015	FALSE
0,039	0,321	0,001	0,011	0,031	FALSE
0,026	0,307	0,001	0,011	0,045	FALSE
-0,071	0,304	-0,001	0,007	0,058	FALSE
-0,052	0,315	-0,001	0,006	0,041	FALSE
0,061	0,307	0,002	0,010	0,078	FALSE
-0,092	0,315	-0,003	0,009	0,117	FALSE
-0,066	0,305	-0,001	0,008	0,064	FALSE
0,099	0,301	0,004	0,011	0,132	FALSE
-0,008	0,326	0,000	0,012	0,001	FALSE
-0,077	0,311	-0,002	0,008	0,098	FALSE
0,024	0,322	0,000	0,013	0,010	FALSE
-0,100	0,308	-0,002	0,007	0,107	FALSE
-0,004	0,310	0,000	0,011	0,009	FALSE
0,012	0,289	0,000	0,009	0,005	FALSE
-0,073	0,306	-0,002	0,007	0,090	FALSE
0,032	0,299	0,001	0,010	0,041	FALSE
0,048	0,316	0,002	0,009	0,071	FALSE
0,059	0,307	0,002	0,009	0,071	FALSE
-0,088	0,320	-0,002	0,008	0,101	FALSE
0,073	0,317	0,003	0,013	0,085	FALSE
-0,055	0,307	-0,002	0,013	0,067	FALSE
-0,013	0,316	-0,001	0,008	0,022	FALSE
-0,136	0,307	-0,003	0,006	0,186	FALSE
0,051	0,301	0,001	0,007	0,066	FALSE
-0,062	0,291	-0,003	0,012	0,097	FALSE
-0,007	0,309	0,000	0,011	0,008	FALSE
-0,137	0,309	-0,003	0,007	0,205	FALSE
0,006	0,299	0,001	0,007	0,034	FALSE
0,107	0,308	0,004	0,012	0,118	FALSE
-0,015	0,298	-0,001	0,009	0,029	FALSE
0,026	0,305	0,001	0,007	0,028	FALSE
-0,058	0,310	-0,002	0,008	0,074	FALSE
-0,024	0,307	0,000	0,008	0,012	FALSE
0,141	0,299	0,003	0,007	0,204	FALSE
-0,045	0,307	-0,001	0,008	0,046	FALSE
-0,111	0,301	-0,002	0,006	0,137	FALSE
-0,111	0,296	-0,002	0,006	0,134	FALSE
0,031	0,310	0,001	0,009	0,056	FALSE
0,096	0,298	0,002	0,008	0,099	FALSE
0,008	0,313	0,001	0,008	0,035	FALSE
-0,084	0,301	-0,003	0,010	0,099	FALSE
-0,044	0,306	-0,002	0,010	0,059	FALSE
0,129	0,305	0,005	0,011	0,205	FALSE
0,031	0,309	0,001	0,013	0,033	FALSE
-0,032	0,306	0,000	0,007	0,016	FALSE
-0,073	0,301	-0,003	0,011	0,094	FALSE
-0,016	0,303	-0,001	0,009	0,036	FALSE

0,001	0,307	-0,001	0,009	0,021	FALSE
0,006	0,308	0,001	0,012	0,016	FALSE
-0,011	0,305	-0,001	0,008	0,030	FALSE
-0,090	0,322	-0,003	0,010	0,102	FALSE
0,069	0,308	0,003	0,012	0,095	FALSE
-0,026	0,302	0,000	0,007	0,007	FALSE
-0,002	0,319	0,000	0,008	0,003	FALSE
0,054	0,306	0,002	0,011	0,083	FALSE
0,018	0,322	0,001	0,009	0,028	FALSE
-0,072	0,299	-0,002	0,007	0,101	FALSE
-0,030	0,307	-0,001	0,008	0,046	FALSE
0,092	0,306	0,003	0,008	0,137	FALSE
-0,126	0,297	-0,005	0,011	0,174	FALSE
0,003	0,305	0,000	0,008	0,016	FALSE
-0,070	0,303	-0,002	0,011	0,078	FALSE
-0,006	0,313	0,000	0,011	0,002	FALSE
0,024	0,301	0,001	0,010	0,048	FALSE
-0,095	0,307	-0,003	0,009	0,109	FALSE
-0,074	0,302	-0,002	0,009	0,090	FALSE
0,052	0,298	0,002	0,009	0,074	FALSE
-0,011	0,288	0,000	0,008	0,002	FALSE
-0,045	0,302	-0,001	0,007	0,062	FALSE
0,056	0,311	0,003	0,011	0,115	FALSE
-0,045	0,278	-0,001	0,008	0,048	FALSE
0,008	0,292	0,000	0,009	0,006	FALSE
0,046	0,311	0,002	0,010	0,063	FALSE
0,056	0,301	0,002	0,006	0,113	FALSE
-0,060	0,307	-0,002	0,008	0,076	FALSE
0,034	0,302	0,001	0,007	0,029	FALSE
-0,006	0,327	0,000	0,008	0,011	FALSE
-0,104	0,298	-0,005	0,013	0,153	FALSE
-0,129	0,289	-0,004	0,010	0,167	FALSE
0,022	0,310	0,000	0,010	0,012	FALSE
0,063	0,307	0,002	0,008	0,085	FALSE
0,049	0,318	0,001	0,008	0,063	FALSE
0,046	0,307	0,002	0,009	0,084	FALSE
0,144	0,326	0,005	0,011	0,173	FALSE
0,117	0,318	0,004	0,011	0,137	FALSE
0,034	0,299	0,000	0,007	0,020	FALSE
0,066	0,298	0,003	0,013	0,091	FALSE
0,042	0,319	0,002	0,008	0,079	FALSE
-0,054	0,308	-0,002	0,013	0,051	FALSE
0,005	0,288	0,001	0,009	0,020	FALSE
0,016	0,310	0,001	0,007	0,039	FALSE
-0,023	0,306	-0,002	0,012	0,048	FALSE
-0,054	0,313	-0,001	0,007	0,073	FALSE
0,013	0,308	0,000	0,008	0,003	FALSE
0,070	0,303	0,002	0,006	0,113	FALSE
0,125	0,301	0,005	0,011	0,200	FALSE
0,184	0,288	0,007	0,012	0,241	FALSE
-0,080	0,301	-0,003	0,012	0,098	FALSE
-0,059	0,306	-0,002	0,013	0,054	FALSE
0,065	0,318	0,003	0,013	0,074	FALSE

-0,164	0,287	-0,005	0,008	0,256	FALSE
0,024	0,304	0,000	0,007	0,007	FALSE
0,103	0,307	0,002	0,007	0,107	FALSE
0,112	0,306	0,004	0,009	0,163	FALSE
-0,111	0,315	-0,004	0,013	0,139	FALSE
0,035	0,292	0,002	0,012	0,048	FALSE
0,178	0,301	0,005	0,008	0,265	FALSE
0,034	0,324	0,001	0,010	0,025	FALSE
-0,050	0,308	-0,003	0,012	0,079	FALSE
-0,144	0,306	-0,005	0,010	0,198	FALSE
0,030	0,306	0,001	0,007	0,052	FALSE
-0,063	0,308	-0,001	0,008	0,055	FALSE
-0,097	0,297	-0,002	0,008	0,101	FALSE
-0,025	0,301	-0,001	0,013	0,015	FALSE
-0,129	0,313	-0,003	0,008	0,134	FALSE
0,131	0,308	0,004	0,008	0,199	FALSE
0,173	0,312	0,007	0,012	0,249	FALSE
0,172	0,302	0,007	0,012	0,254	FALSE
0,104	0,315	0,003	0,013	0,094	FALSE
-0,033	0,300	-0,001	0,012	0,028	FALSE
0,033	0,313	0,001	0,008	0,031	FALSE
-0,041	0,319	-0,001	0,011	0,048	FALSE
0,035	0,296	0,001	0,007	0,050	FALSE
-0,021	0,316	-0,001	0,012	0,022	FALSE
-0,093	0,304	-0,003	0,010	0,136	FALSE
-0,075	0,303	-0,003	0,012	0,110	FALSE
-0,020	0,306	-0,001	0,009	0,029	FALSE
0,036	0,304	0,001	0,009	0,024	FALSE
-0,043	0,308	-0,002	0,013	0,054	FALSE
-0,042	0,295	-0,001	0,006	0,042	FALSE
0,056	0,299	0,002	0,008	0,082	FALSE
0,043	0,309	0,001	0,006	0,048	FALSE
0,168	0,300	0,007	0,012	0,246	FALSE
0,140	0,320	0,005	0,014	0,155	FALSE
-0,028	0,316	-0,002	0,009	0,062	FALSE
-0,024	0,303	-0,001	0,009	0,051	FALSE
0,063	0,309	0,001	0,009	0,047	FALSE
-0,088	0,314	-0,003	0,009	0,116	FALSE
0,137	0,296	0,004	0,010	0,152	FALSE
-0,110	0,308	-0,005	0,013	0,165	FALSE
0,086	0,305	0,002	0,008	0,107	FALSE
0,010	0,304	0,000	0,007	0,001	FALSE
0,021	0,302	0,000	0,011	0,008	FALSE
-0,040	0,331	-0,002	0,014	0,066	FALSE
0,012	0,304	0,000	0,012	0,009	FALSE
0,097	0,304	0,002	0,007	0,102	FALSE
-0,065	0,316	-0,002	0,009	0,077	FALSE
0,179	0,295	0,005	0,009	0,252	FALSE
0,055	0,322	0,002	0,013	0,069	FALSE
0,051	0,310	0,002	0,010	0,064	FALSE
0,071	0,303	0,002	0,009	0,100	FALSE
-0,091	0,311	-0,002	0,007	0,109	FALSE
-0,027	0,300	0,000	0,006	0,023	FALSE

-0,091	0,314	-0,004	0,012	0,127	FALSE
0,023	0,296	0,001	0,013	0,041	FALSE
-0,055	0,304	-0,002	0,012	0,058	FALSE
-0,112	0,293	-0,005	0,010	0,186	FALSE
0,019	0,326	0,001	0,008	0,032	FALSE
0,009	0,308	0,000	0,007	0,004	FALSE
-0,004	0,303	0,000	0,008	0,010	FALSE
0,081	0,305	0,002	0,012	0,050	FALSE
-0,007	0,317	0,000	0,007	0,025	FALSE
-0,118	0,316	-0,003	0,007	0,153	FALSE
0,011	0,311	0,000	0,007	0,006	FALSE
0,018	0,314	0,000	0,007	0,019	FALSE
0,001	0,323	0,000	0,007	0,017	FALSE
-0,008	0,317	0,000	0,007	0,022	FALSE
0,061	0,317	0,003	0,012	0,077	FALSE
0,046	0,289	0,001	0,007	0,068	FALSE
0,013	0,316	0,001	0,006	0,033	FALSE
0,132	0,288	0,004	0,010	0,155	FALSE
-0,076	0,304	-0,003	0,012	0,099	FALSE
-0,087	0,289	-0,002	0,006	0,149	FALSE
-0,101	0,310	-0,004	0,012	0,132	FALSE
-0,053	0,305	-0,002	0,009	0,096	FALSE
-0,089	0,298	-0,003	0,009	0,144	FALSE
0,164	0,310	0,004	0,007	0,221	FALSE
-0,057	0,315	-0,002	0,013	0,063	FALSE
0,072	0,325	0,003	0,013	0,085	FALSE
-0,119	0,306	-0,005	0,013	0,151	FALSE
-0,069	0,313	-0,003	0,011	0,089	FALSE
-0,092	0,307	-0,003	0,011	0,085	FALSE
0,044	0,311	0,001	0,006	0,041	FALSE
0,018	0,308	0,001	0,010	0,047	FALSE
0,019	0,301	0,001	0,009	0,042	FALSE
-0,043	0,308	-0,001	0,011	0,044	FALSE
0,016	0,309	0,000	0,009	0,018	FALSE
0,044	0,307	0,001	0,009	0,056	FALSE
0,042	0,321	0,001	0,009	0,043	FALSE
0,152	0,294	0,005	0,010	0,229	FALSE
0,026	0,305	0,001	0,010	0,033	FALSE
0,003	0,313	0,000	0,008	0,003	FALSE
-0,121	0,304	-0,005	0,012	0,171	FALSE
-0,018	0,296	-0,001	0,009	0,029	FALSE
-0,046	0,288	-0,001	0,006	0,045	FALSE
0,086	0,307	0,002	0,007	0,108	FALSE
-0,017	0,306	-0,001	0,010	0,020	FALSE
-0,029	0,305	0,000	0,011	0,009	FALSE
-0,004	0,305	0,000	0,012	0,014	FALSE
-0,056	0,302	-0,001	0,007	0,059	FALSE
-0,001	0,306	0,000	0,007	0,016	FALSE
-0,047	0,309	-0,001	0,008	0,055	FALSE
0,063	0,301	0,002	0,008	0,087	FALSE
0,130	0,303	0,004	0,011	0,163	FALSE
-0,018	0,310	0,000	0,012	0,002	FALSE
-0,084	0,311	-0,002	0,007	0,103	FALSE

-0,059	0,303	-0,002	0,010	0,083	FALSE
-0,042	0,274	-0,002	0,012	0,053	FALSE
-0,056	0,312	-0,002	0,010	0,057	FALSE
-0,043	0,312	-0,001	0,007	0,027	FALSE
-0,034	0,297	-0,001	0,010	0,042	FALSE
-0,070	0,321	-0,003	0,013	0,074	FALSE
0,016	0,307	0,001	0,012	0,019	FALSE
-0,081	0,300	-0,002	0,008	0,110	FALSE
-0,025	0,292	-0,001	0,012	0,040	FALSE
-0,007	0,307	-0,001	0,013	0,018	FALSE
0,024	0,296	0,000	0,010	0,016	FALSE
0,000	0,305	0,001	0,009	0,032	FALSE
0,011	0,307	0,000	0,012	0,007	FALSE
-0,033	0,323	-0,001	0,008	0,035	FALSE
-0,132	0,305	-0,005	0,011	0,161	FALSE
-0,028	0,316	-0,001	0,009	0,022	FALSE
-0,121	0,307	-0,003	0,007	0,167	FALSE
0,006	0,301	0,001	0,009	0,028	FALSE
-0,014	0,301	-0,001	0,011	0,038	FALSE
0,036	0,301	0,001	0,009	0,038	FALSE
-0,005	0,334	0,000	0,014	0,006	FALSE
0,028	0,322	0,001	0,007	0,045	FALSE
-0,002	0,302	0,000	0,006	0,026	FALSE
0,053	0,318	0,001	0,008	0,069	FALSE
-0,017	0,303	0,000	0,008	0,002	FALSE
0,180	0,321	0,008	0,013	0,247	TRUE
-0,023	0,304	-0,001	0,012	0,041	FALSE
0,149	0,303	0,003	0,007	0,203	FALSE
0,126	0,302	0,006	0,012	0,211	FALSE
0,254	0,293	0,011	0,013	0,409	FALSE
0,103	0,317	0,002	0,009	0,108	FALSE
-0,044	0,305	-0,001	0,006	0,042	FALSE
0,059	0,317	0,002	0,013	0,067	FALSE
-0,024	0,308	-0,001	0,013	0,028	FALSE
0,080	0,303	0,002	0,008	0,101	FALSE
0,017	0,303	0,001	0,009	0,054	FALSE
0,031	0,314	0,001	0,012	0,019	FALSE
0,093	0,289	0,004	0,010	0,135	FALSE
0,005	0,319	0,000	0,009	0,004	FALSE
0,041	0,321	0,002	0,013	0,048	FALSE
0,021	0,316	0,001	0,012	0,033	FALSE
0,046	0,297	0,001	0,006	0,061	FALSE
0,136	0,309	0,005	0,010	0,206	FALSE
-0,042	0,304	-0,002	0,009	0,070	FALSE
0,016	0,313	0,000	0,009	0,014	FALSE
-0,043	0,314	-0,001	0,008	0,045	FALSE
-0,039	0,317	-0,001	0,007	0,057	FALSE
-0,017	0,307	0,000	0,008	0,020	FALSE
-0,017	0,306	0,000	0,007	0,009	FALSE
0,026	0,301	0,001	0,006	0,061	FALSE
-0,016	0,296	0,000	0,007	0,023	FALSE
-0,032	0,320	-0,001	0,013	0,027	FALSE
0,122	0,299	0,003	0,007	0,158	FALSE

0,144	0,306	0,005	0,010	0,189	FALSE
0,020	0,318	0,001	0,011	0,039	FALSE
0,013	0,319	0,000	0,010	0,011	FALSE
-0,030	0,306	-0,001	0,011	0,047	FALSE
-0,034	0,301	-0,001	0,008	0,056	FALSE
-0,015	0,289	-0,002	0,012	0,054	FALSE
-0,028	0,309	0,000	0,012	0,009	FALSE
0,167	0,313	0,004	0,008	0,220	FALSE
0,135	0,302	0,004	0,010	0,173	FALSE
0,113	0,302	0,003	0,009	0,136	FALSE
0,128	0,301	0,005	0,011	0,165	FALSE
-0,012	0,308	0,000	0,008	0,004	FALSE
-0,029	0,309	-0,001	0,013	0,027	FALSE
-0,098	0,307	-0,002	0,007	0,100	FALSE
-0,118	0,309	-0,003	0,008	0,159	FALSE
0,140	0,306	0,004	0,011	0,156	FALSE
-0,098	0,317	-0,003	0,009	0,128	FALSE
0,070	0,310	0,001	0,008	0,063	FALSE
-0,083	0,306	-0,002	0,007	0,111	FALSE
0,154	0,300	0,005	0,010	0,239	FALSE
0,039	0,317	0,002	0,013	0,062	FALSE
0,036	0,294	0,001	0,008	0,026	FALSE
-0,071	0,313	-0,003	0,013	0,088	FALSE
0,065	0,306	0,002	0,011	0,077	FALSE
-0,040	0,312	-0,001	0,007	0,037	FALSE
0,056	0,313	0,001	0,008	0,055	FALSE
-0,068	0,300	-0,002	0,010	0,094	FALSE
-0,158	0,293	-0,006	0,009	0,270	FALSE
0,010	0,299	0,000	0,008	0,002	FALSE
0,035	0,309	0,001	0,008	0,025	FALSE
0,018	0,307	0,002	0,012	0,048	FALSE
0,031	0,303	0,001	0,007	0,036	FALSE
-0,040	0,314	-0,001	0,008	0,042	FALSE
-0,034	0,320	0,000	0,007	0,022	FALSE
0,125	0,302	0,003	0,007	0,185	FALSE
0,037	0,303	0,001	0,009	0,036	FALSE
0,169	0,298	0,004	0,008	0,229	FALSE
-0,200	0,297	-0,007	0,011	0,266	FALSE
0,008	0,319	0,000	0,007	0,016	FALSE
-0,054	0,300	-0,001	0,008	0,049	FALSE
-0,073	0,320	-0,003	0,014	0,087	FALSE
0,054	0,311	0,002	0,009	0,066	FALSE
-0,050	0,306	-0,002	0,012	0,064	FALSE
0,055	0,303	0,003	0,012	0,092	FALSE
-0,007	0,303	0,000	0,008	0,019	FALSE
-0,028	0,300	-0,001	0,011	0,024	FALSE
-0,005	0,304	0,000	0,008	0,004	FALSE
0,146	0,312	0,004	0,008	0,230	FALSE
-0,107	0,306	-0,004	0,010	0,151	FALSE
-0,057	0,314	-0,002	0,008	0,080	FALSE
0,171	0,304	0,004	0,008	0,199	FALSE
-0,049	0,320	-0,002	0,013	0,042	FALSE
-0,073	0,308	-0,003	0,012	0,087	FALSE

0,028	0,303	0,000	0,010	0,013	FALSE
-0,107	0,312	-0,003	0,009	0,111	FALSE
-0,068	0,308	-0,002	0,011	0,076	FALSE
0,032	0,297	0,001	0,013	0,036	FALSE
0,078	0,298	0,004	0,011	0,131	FALSE
0,001	0,320	0,000	0,009	0,008	FALSE
0,153	0,302	0,005	0,010	0,194	FALSE
-0,006	0,314	0,000	0,009	0,013	FALSE
-0,001	0,316	0,000	0,009	0,008	FALSE
-0,019	0,302	0,000	0,009	0,006	FALSE
-0,079	0,299	-0,002	0,009	0,077	FALSE
-0,038	0,326	-0,001	0,011	0,037	FALSE
0,000	0,306	0,001	0,011	0,037	FALSE
-0,038	0,296	-0,001	0,013	0,018	FALSE
0,159	0,305	0,003	0,006	0,234	FALSE
-0,015	0,303	0,000	0,007	0,017	FALSE
0,038	0,295	0,001	0,013	0,029	FALSE
0,024	0,303	0,001	0,013	0,023	FALSE
-0,007	0,295	0,000	0,013	0,002	FALSE
-0,105	0,305	-0,004	0,011	0,131	FALSE
-0,003	0,312	0,000	0,010	0,006	FALSE
0,065	0,302	0,002	0,008	0,087	FALSE
0,039	0,307	0,000	0,008	0,006	FALSE
0,011	0,304	0,000	0,011	0,011	FALSE
-0,047	0,316	-0,001	0,006	0,050	FALSE
0,123	0,313	0,003	0,007	0,177	FALSE
-0,031	0,294	-0,001	0,013	0,036	FALSE
-0,068	0,297	-0,003	0,012	0,089	FALSE
-0,099	0,293	-0,003	0,009	0,132	FALSE
-0,143	0,309	-0,004	0,008	0,202	FALSE
-0,004	0,306	0,000	0,013	0,003	FALSE
-0,030	0,293	-0,001	0,007	0,039	FALSE
0,013	0,291	0,001	0,011	0,028	FALSE
-0,038	0,279	-0,002	0,012	0,049	FALSE
0,079	0,321	0,002	0,008	0,094	FALSE
0,019	0,291	0,002	0,012	0,045	FALSE
-0,003	0,328	0,000	0,008	0,014	FALSE
-0,044	0,310	-0,002	0,012	0,045	FALSE
0,062	0,298	0,002	0,009	0,096	FALSE
-0,090	0,303	-0,002	0,007	0,111	FALSE
-0,052	0,296	-0,001	0,009	0,042	FALSE
0,032	0,315	0,001	0,008	0,045	FALSE
0,101	0,315	0,002	0,007	0,114	FALSE
0,062	0,316	0,002	0,008	0,082	FALSE
0,100	0,297	0,004	0,012	0,144	FALSE
-0,020	0,311	0,000	0,008	0,018	FALSE
0,000	0,298	-0,001	0,011	0,030	FALSE
0,041	0,297	0,000	0,010	0,007	FALSE
-0,065	0,299	-0,001	0,007	0,074	FALSE
0,014	0,299	-0,001	0,010	0,021	FALSE
0,204	0,316	0,006	0,011	0,250	FALSE
0,193	0,310	0,007	0,011	0,253	FALSE
0,024	0,296	0,000	0,009	0,005	FALSE

-0,116	0,305	-0,003	0,012	0,109	FALSE
0,005	0,297	0,000	0,007	0,006	FALSE
0,082	0,311	0,003	0,009	0,119	FALSE
-0,007	0,298	-0,001	0,011	0,025	FALSE
0,015	0,294	0,000	0,010	0,002	FALSE
-0,070	0,298	-0,002	0,007	0,085	FALSE
0,056	0,319	0,002	0,009	0,078	FALSE
0,087	0,303	0,004	0,012	0,122	FALSE
-0,003	0,304	0,000	0,009	0,003	FALSE
0,138	0,297	0,006	0,012	0,199	FALSE
0,018	0,320	0,001	0,009	0,034	FALSE
0,002	0,299	0,000	0,012	0,015	FALSE
-0,052	0,304	-0,002	0,011	0,050	FALSE
0,099	0,304	0,003	0,010	0,127	FALSE
-0,153	0,296	-0,006	0,011	0,212	FALSE
-0,022	0,308	0,000	0,007	0,023	FALSE
0,154	0,307	0,004	0,008	0,203	FALSE
-0,082	0,302	-0,003	0,012	0,097	FALSE
-0,054	0,321	-0,002	0,012	0,051	FALSE
0,176	0,304	0,004	0,006	0,254	FALSE
-0,145	0,308	-0,007	0,013	0,234	FALSE
-0,144	0,299	-0,006	0,010	0,237	FALSE
-0,011	0,312	-0,001	0,011	0,033	FALSE
0,000	0,300	0,000	0,010	0,008	FALSE
-0,096	0,296	-0,002	0,006	0,098	FALSE
-0,031	0,321	-0,001	0,013	0,037	FALSE
0,034	0,299	0,001	0,009	0,039	FALSE
-0,063	0,307	-0,002	0,007	0,095	FALSE
0,074	0,300	0,003	0,012	0,087	FALSE
0,088	0,310	0,003	0,011	0,112	FALSE
-0,099	0,292	-0,003	0,007	0,151	FALSE
-0,099	0,293	-0,003	0,007	0,139	FALSE
-0,079	0,299	-0,003	0,010	0,118	FALSE
0,010	0,307	0,001	0,007	0,042	FALSE
-0,074	0,313	-0,002	0,008	0,095	FALSE
-0,040	0,303	-0,001	0,008	0,060	FALSE
-0,045	0,300	-0,002	0,013	0,047	FALSE
-0,043	0,313	-0,001	0,008	0,052	FALSE
0,055	0,317	0,001	0,007	0,037	FALSE
0,021	0,314	0,001	0,009	0,041	FALSE
0,073	0,292	0,003	0,009	0,131	FALSE
0,010	0,325	0,000	0,008	0,001	FALSE
-0,137	0,306	-0,005	0,010	0,218	FALSE
-0,036	0,297	-0,001	0,009	0,041	FALSE
-0,067	0,306	-0,003	0,013	0,097	FALSE
-0,039	0,301	-0,002	0,012	0,061	FALSE
-0,066	0,299	-0,002	0,008	0,102	FALSE
-0,044	0,299	-0,001	0,009	0,041	FALSE
0,070	0,300	0,002	0,008	0,088	FALSE
-0,012	0,305	-0,001	0,011	0,022	FALSE
0,030	0,297	0,001	0,008	0,051	FALSE
0,096	0,307	0,002	0,006	0,106	FALSE
-0,101	0,305	-0,003	0,012	0,110	FALSE

-0,104	0,304	-0,004	0,012	0,116	FALSE
-0,100	0,311	-0,003	0,011	0,094	FALSE
0,114	0,303	0,003	0,011	0,110	FALSE
0,097	0,304	0,003	0,012	0,099	FALSE
-0,017	0,308	0,000	0,011	0,000	FALSE
0,023	0,303	0,000	0,008	0,005	FALSE
0,036	0,313	0,001	0,013	0,023	FALSE
-0,006	0,315	0,000	0,010	0,014	FALSE
-0,010	0,322	0,000	0,011	0,011	FALSE
0,009	0,299	-0,001	0,010	0,019	FALSE
0,018	0,302	0,001	0,013	0,024	FALSE
0,175	0,315	0,006	0,010	0,258	FALSE
-0,019	0,302	-0,001	0,007	0,037	FALSE
-0,201	0,308	-0,008	0,011	0,302	FALSE
-0,041	0,300	-0,001	0,010	0,020	FALSE
0,070	0,307	0,002	0,008	0,087	FALSE
0,070	0,301	0,003	0,013	0,097	FALSE
0,025	0,290	0,001	0,012	0,039	FALSE
-0,171	0,300	-0,005	0,009	0,249	FALSE
0,040	0,300	0,001	0,008	0,047	FALSE
-0,026	0,307	-0,001	0,012	0,042	FALSE
0,058	0,310	0,001	0,010	0,053	FALSE
0,123	0,299	0,004	0,010	0,149	FALSE
0,036	0,323	0,001	0,008	0,044	FALSE
0,067	0,308	0,001	0,007	0,062	FALSE
-0,013	0,313	0,000	0,007	0,016	FALSE
0,117	0,304	0,003	0,008	0,151	FALSE
0,055	0,311	0,001	0,008	0,070	FALSE
-0,144	0,293	-0,004	0,007	0,228	FALSE
-0,071	0,310	-0,002	0,009	0,100	FALSE
0,022	0,307	-0,001	0,011	0,017	FALSE
0,065	0,308	0,001	0,007	0,081	FALSE
0,051	0,295	0,002	0,010	0,066	FALSE
0,090	0,312	0,002	0,009	0,076	FALSE
-0,098	0,310	-0,003	0,012	0,095	FALSE
0,030	0,309	0,001	0,012	0,041	FALSE
0,043	0,299	0,001	0,012	0,035	FALSE
0,025	0,300	0,002	0,011	0,058	FALSE
0,091	0,302	0,002	0,009	0,101	FALSE
0,013	0,311	0,000	0,009	0,007	FALSE
-0,016	0,311	-0,001	0,011	0,022	FALSE
-0,007	0,312	-0,001	0,013	0,024	FALSE
-0,056	0,298	-0,001	0,007	0,062	FALSE
0,017	0,292	0,000	0,012	0,012	FALSE
-0,054	0,309	-0,002	0,012	0,067	FALSE
0,101	0,300	0,004	0,010	0,142	FALSE
0,100	0,302	0,002	0,007	0,152	FALSE
-0,005	0,298	0,000	0,009	0,004	FALSE
0,011	0,341	0,001	0,010	0,027	FALSE
0,105	0,308	0,003	0,007	0,160	FALSE
0,020	0,291	0,000	0,007	0,018	FALSE
-0,078	0,294	-0,001	0,007	0,083	FALSE
0,087	0,302	0,004	0,013	0,108	FALSE

-0,016	0,307	-0,001	0,006	0,030	FALSE
-0,052	0,299	-0,001	0,009	0,037	FALSE
-0,026	0,303	-0,002	0,010	0,061	FALSE
0,004	0,301	0,000	0,007	0,001	FALSE
0,070	0,316	0,002	0,007	0,103	FALSE
-0,049	0,301	-0,001	0,006	0,051	FALSE
-0,092	0,301	-0,004	0,012	0,134	FALSE
0,050	0,301	0,001	0,007	0,074	FALSE
-0,124	0,297	-0,003	0,006	0,168	FALSE
-0,074	0,304	-0,002	0,008	0,099	FALSE
-0,156	0,306	-0,006	0,011	0,221	FALSE
-0,070	0,290	-0,002	0,008	0,104	FALSE
0,156	0,300	0,006	0,011	0,227	FALSE
-0,107	0,316	-0,004	0,012	0,135	FALSE
-0,132	0,312	-0,006	0,013	0,169	FALSE
0,029	0,307	0,001	0,012	0,014	FALSE
0,046	0,310	0,001	0,008	0,057	FALSE
0,040	0,310	0,001	0,007	0,049	FALSE
0,042	0,308	0,001	0,007	0,060	FALSE
-0,050	0,321	-0,001	0,009	0,045	FALSE
0,098	0,311	0,004	0,011	0,137	FALSE
-0,006	0,307	-0,001	0,008	0,023	FALSE
0,084	0,308	0,002	0,007	0,105	FALSE
-0,039	0,306	-0,001	0,009	0,050	FALSE
-0,007	0,317	0,000	0,009	0,012	FALSE
-0,138	0,301	-0,004	0,008	0,214	FALSE
-0,025	0,311	0,000	0,007	0,008	FALSE
0,104	0,300	0,005	0,012	0,146	FALSE
-0,077	0,304	-0,002	0,006	0,113	FALSE
0,173	0,297	0,004	0,007	0,238	FALSE
0,121	0,288	0,005	0,012	0,151	FALSE
0,135	0,297	0,005	0,013	0,175	FALSE
-0,139	0,310	-0,003	0,007	0,166	FALSE
0,101	0,296	0,002	0,007	0,145	FALSE
-0,002	0,302	0,000	0,008	0,018	FALSE
-0,116	0,312	-0,003	0,009	0,123	FALSE
0,078	0,297	0,002	0,007	0,098	FALSE
-0,145	0,311	-0,005	0,011	0,175	FALSE
-0,145	0,311	-0,006	0,012	0,195	FALSE
0,075	0,312	0,003	0,011	0,108	FALSE
-0,040	0,312	-0,001	0,008	0,053	FALSE
0,066	0,304	0,003	0,011	0,093	FALSE
-0,054	0,299	-0,001	0,007	0,049	FALSE
0,083	0,296	0,002	0,010	0,083	FALSE
0,148	0,294	0,005	0,009	0,235	FALSE
-0,139	0,317	-0,006	0,013	0,180	FALSE
0,009	0,308	0,000	0,011	0,015	FALSE
-0,133	0,306	-0,006	0,013	0,179	FALSE
-0,013	0,305	0,000	0,007	0,016	FALSE
0,121	0,293	0,005	0,011	0,175	FALSE
0,028	0,304	0,001	0,012	0,017	FALSE
0,036	0,328	0,000	0,007	0,024	FALSE
0,007	0,296	0,000	0,009	0,002	FALSE

-0,043	0,300	-0,001	0,007	0,038	FALSE
-0,050	0,312	-0,001	0,007	0,039	FALSE
0,153	0,306	0,006	0,012	0,193	FALSE
-0,089	0,307	-0,001	0,006	0,074	FALSE
0,040	0,316	0,001	0,008	0,052	FALSE
-0,063	0,276	-0,003	0,012	0,082	FALSE
0,020	0,308	0,000	0,010	0,016	FALSE
0,126	0,296	0,005	0,011	0,162	FALSE
-0,007	0,316	-0,001	0,011	0,032	TRUE
0,033	0,310	0,002	0,009	0,065	FALSE
-0,003	0,305	-0,001	0,011	0,038	FALSE
0,060	0,320	0,002	0,007	0,089	FALSE
-0,128	0,315	-0,004	0,008	0,178	FALSE
-0,063	0,296	-0,003	0,010	0,103	FALSE
0,171	0,299	0,005	0,008	0,241	FALSE
0,187	0,307	0,005	0,009	0,251	FALSE
-0,033	0,304	-0,001	0,007	0,055	FALSE
-0,048	0,318	-0,002	0,012	0,055	FALSE
0,051	0,308	0,002	0,009	0,075	FALSE
0,000	0,305	0,000	0,011	0,006	FALSE
-0,003	0,307	0,000	0,010	0,014	FALSE
0,072	0,303	0,004	0,013	0,105	FALSE
-0,147	0,308	-0,006	0,012	0,219	FALSE
0,009	0,301	0,000	0,012	0,014	FALSE
0,031	0,298	0,001	0,009	0,050	FALSE
0,049	0,296	0,002	0,012	0,047	FALSE
0,085	0,304	0,002	0,007	0,105	FALSE
-0,020	0,310	-0,001	0,009	0,025	FALSE
0,020	0,306	0,001	0,010	0,039	FALSE
0,029	0,294	0,000	0,008	0,012	FALSE
-0,102	0,317	-0,005	0,013	0,156	FALSE
0,046	0,290	0,001	0,009	0,056	FALSE
-0,001	0,310	0,000	0,011	0,007	FALSE
-0,008	0,301	0,000	0,012	0,004	FALSE
-0,015	0,313	0,000	0,012	0,008	FALSE
-0,012	0,302	0,000	0,011	0,002	FALSE
-0,021	0,304	-0,001	0,013	0,018	FALSE
-0,182	0,310	-0,008	0,013	0,262	TRUE
-0,074	0,304	-0,001	0,007	0,076	FALSE
-0,010	0,303	0,000	0,008	0,007	FALSE
-0,029	0,301	-0,001	0,010	0,048	FALSE
-0,072	0,302	-0,003	0,013	0,096	FALSE
0,063	0,323	0,002	0,011	0,051	FALSE
-0,037	0,313	-0,001	0,009	0,039	FALSE
-0,057	0,316	-0,001	0,010	0,051	FALSE
-0,115	0,300	-0,003	0,007	0,191	FALSE
-0,053	0,307	-0,002	0,010	0,083	FALSE
-0,103	0,296	-0,003	0,010	0,121	FALSE
-0,061	0,306	-0,002	0,012	0,070	FALSE
0,067	0,297	0,003	0,010	0,103	FALSE
-0,074	0,300	-0,003	0,009	0,105	FALSE
-0,107	0,301	-0,004	0,011	0,127	FALSE
0,119	0,298	0,005	0,011	0,177	FALSE

0,155	0,305	0,006	0,011	0,215	FALSE
0,029	0,316	0,000	0,007	0,014	FALSE
0,027	0,311	0,000	0,007	0,012	FALSE
0,035	0,310	0,000	0,007	0,020	FALSE
0,039	0,301	0,000	0,007	0,027	FALSE
-0,087	0,302	-0,003	0,007	0,140	FALSE
-0,014	0,289	-0,001	0,012	0,016	FALSE
0,047	0,309	0,002	0,013	0,056	FALSE
0,136	0,320	0,004	0,010	0,172	FALSE
-0,058	0,305	-0,002	0,011	0,076	FALSE
-0,072	0,304	-0,003	0,010	0,094	FALSE
0,037	0,308	0,001	0,007	0,057	FALSE
0,084	0,308	0,002	0,008	0,104	FALSE
0,018	0,304	0,001	0,008	0,066	FALSE
-0,075	0,316	-0,002	0,009	0,103	FALSE
-0,024	0,306	0,000	0,008	0,008	FALSE
0,147	0,303	0,004	0,007	0,219	FALSE
-0,108	0,298	-0,003	0,007	0,141	FALSE
0,030	0,320	0,001	0,012	0,027	FALSE
0,061	0,298	0,001	0,006	0,086	FALSE
0,059	0,299	0,002	0,006	0,092	FALSE
0,112	0,303	0,004	0,011	0,137	FALSE
0,081	0,310	0,002	0,008	0,084	FALSE
0,115	0,313	0,002	0,007	0,134	FALSE
0,000	0,319	0,000	0,013	0,005	FALSE
-0,019	0,307	-0,001	0,013	0,017	FALSE
0,021	0,323	0,001	0,013	0,030	FALSE
0,000	0,305	0,000	0,012	0,004	FALSE
-0,009	0,323	0,000	0,013	0,012	FALSE
0,014	0,319	0,000	0,013	0,011	FALSE
0,022	0,331	0,001	0,014	0,020	FALSE
0,009	0,308	0,000	0,012	0,002	FALSE
0,001	0,322	0,000	0,013	0,011	FALSE
0,025	0,319	0,001	0,013	0,038	FALSE
0,006	0,314	0,000	0,013	0,004	FALSE
-0,003	0,317	0,000	0,013	0,009	FALSE
0,035	0,311	0,001	0,013	0,036	FALSE
0,023	0,324	0,000	0,011	0,005	FALSE
-0,003	0,307	-0,001	0,012	0,028	FALSE
-0,003	0,293	-0,001	0,010	0,029	FALSE
0,071	0,317	0,002	0,007	0,094	FALSE
-0,044	0,304	-0,002	0,009	0,069	FALSE
0,073	0,310	0,002	0,008	0,076	FALSE
-0,084	0,302	-0,004	0,012	0,116	FALSE
-0,005	0,318	0,000	0,007	0,003	FALSE
0,059	0,316	0,002	0,012	0,074	FALSE
-0,007	0,312	0,000	0,008	0,006	FALSE
-0,157	0,289	-0,008	0,013	0,271	FALSE
-0,114	0,306	-0,003	0,007	0,160	FALSE
-0,068	0,299	-0,002	0,007	0,095	FALSE
-0,042	0,302	-0,001	0,007	0,031	FALSE
-0,014	0,304	0,000	0,009	0,010	FALSE
0,123	0,310	0,005	0,012	0,181	FALSE

0,061	0,313	0,002	0,007	0,076	FALSE
0,006	0,309	0,000	0,011	0,003	FALSE
0,006	0,315	0,000	0,008	0,000	FALSE
0,050	0,312	0,001	0,007	0,062	FALSE
0,033	0,304	0,001	0,007	0,044	FALSE
0,013	0,302	0,000	0,007	0,012	FALSE
-0,100	0,302	-0,005	0,013	0,140	FALSE
0,019	0,325	0,001	0,014	0,021	FALSE
-0,070	0,319	-0,002	0,009	0,070	FALSE
0,046	0,311	0,001	0,007	0,028	FALSE
-0,018	0,318	0,000	0,014	0,003	FALSE
-0,006	0,311	-0,001	0,012	0,021	FALSE
-0,043	0,305	-0,003	0,013	0,087	FALSE
0,045	0,307	0,001	0,013	0,024	FALSE
-0,066	0,297	-0,003	0,011	0,116	FALSE
-0,117	0,291	-0,004	0,011	0,148	FALSE
-0,044	0,305	-0,002	0,013	0,050	FALSE
-0,102	0,310	-0,003	0,009	0,150	FALSE
-0,100	0,294	-0,004	0,012	0,131	FALSE
0,041	0,304	0,002	0,013	0,071	FALSE
0,069	0,293	0,002	0,007	0,124	FALSE
-0,028	0,296	-0,001	0,008	0,037	FALSE
0,040	0,314	0,001	0,008	0,032	FALSE
-0,122	0,303	-0,003	0,008	0,179	FALSE
0,133	0,295	0,003	0,009	0,153	FALSE
-0,099	0,287	-0,003	0,010	0,135	FALSE
-0,083	0,290	-0,003	0,009	0,126	FALSE
0,031	0,304	0,001	0,007	0,060	FALSE
0,054	0,299	0,002	0,009	0,074	FALSE
-0,074	0,286	-0,003	0,012	0,115	FALSE
0,085	0,304	0,002	0,008	0,118	FALSE
-0,050	0,307	-0,001	0,007	0,055	FALSE
-0,040	0,314	-0,001	0,007	0,031	FALSE
-0,078	0,304	-0,001	0,008	0,058	FALSE
-0,136	0,298	-0,003	0,007	0,209	FALSE
0,028	0,302	0,000	0,007	0,020	FALSE
0,096	0,298	0,002	0,008	0,120	FALSE
-0,035	0,320	-0,001	0,010	0,047	FALSE
0,032	0,311	0,002	0,013	0,046	FALSE
0,012	0,312	0,001	0,008	0,028	FALSE
-0,105	0,303	-0,003	0,007	0,187	FALSE
-0,045	0,319	-0,002	0,013	0,056	FALSE
-0,125	0,308	-0,005	0,011	0,178	FALSE
0,030	0,306	0,000	0,012	0,010	FALSE
-0,017	0,307	0,000	0,007	0,004	FALSE
-0,056	0,300	-0,002	0,010	0,072	FALSE
-0,049	0,327	-0,002	0,010	0,055	FALSE
-0,009	0,313	0,000	0,009	0,018	FALSE
-0,020	0,305	0,000	0,007	0,020	FALSE
0,002	0,303	0,000	0,008	0,000	FALSE
-0,105	0,316	-0,003	0,008	0,120	FALSE
0,022	0,297	0,001	0,008	0,037	FALSE
-0,029	0,303	-0,001	0,008	0,021	FALSE

0,060	0,306	0,001	0,008	0,069	FALSE
-0,034	0,301	0,000	0,010	0,016	FALSE
-0,074	0,319	-0,002	0,008	0,083	FALSE
0,199	0,302	0,009	0,012	0,326	FALSE
-0,012	0,314	0,000	0,006	0,010	FALSE
0,002	0,313	0,000	0,009	0,018	FALSE
-0,106	0,308	-0,003	0,009	0,141	FALSE
-0,006	0,306	0,000	0,007	0,000	FALSE
-0,064	0,316	-0,002	0,012	0,076	FALSE
0,105	0,311	0,005	0,013	0,145	FALSE
-0,148	0,297	-0,005	0,012	0,183	FALSE
0,063	0,307	0,002	0,009	0,073	FALSE
0,000	0,324	0,001	0,010	0,022	FALSE
0,028	0,308	0,001	0,009	0,041	FALSE
-0,144	0,306	-0,007	0,013	0,211	FALSE
-0,113	0,313	-0,005	0,013	0,149	FALSE
-0,040	0,309	-0,001	0,009	0,044	FALSE
-0,088	0,302	-0,003	0,009	0,131	FALSE
-0,060	0,306	-0,001	0,008	0,056	FALSE
-0,087	0,272	-0,004	0,010	0,158	FALSE
0,085	0,316	0,002	0,007	0,101	FALSE
-0,094	0,310	-0,003	0,010	0,120	FALSE
-0,102	0,318	-0,003	0,011	0,121	FALSE
0,097	0,310	0,002	0,007	0,110	FALSE
0,048	0,309	0,002	0,011	0,060	FALSE
-0,091	0,303	-0,003	0,011	0,099	FALSE
0,122	0,304	0,003	0,008	0,142	FALSE
-0,068	0,314	-0,002	0,008	0,104	FALSE
0,017	0,302	0,001	0,011	0,031	FALSE
-0,186	0,303	-0,004	0,007	0,238	FALSE
0,087	0,309	0,001	0,006	0,080	FALSE
-0,070	0,297	-0,003	0,012	0,091	FALSE
0,045	0,300	0,001	0,008	0,053	FALSE
0,020	0,309	0,001	0,010	0,041	FALSE
-0,146	0,303	-0,004	0,009	0,180	FALSE
0,119	0,304	0,004	0,012	0,144	FALSE
0,107	0,307	0,003	0,010	0,118	FALSE
-0,010	0,313	0,001	0,010	0,025	FALSE
0,015	0,308	0,001	0,013	0,024	FALSE
0,013	0,308	0,000	0,008	0,003	FALSE
0,085	0,313	0,003	0,010	0,123	FALSE
0,046	0,302	0,001	0,012	0,041	FALSE
-0,010	0,308	0,000	0,007	0,018	FALSE
-0,049	0,296	-0,002	0,010	0,065	FALSE
0,082	0,297	0,001	0,007	0,081	FALSE
-0,050	0,302	-0,003	0,011	0,087	FALSE
-0,134	0,305	-0,004	0,011	0,154	FALSE
-0,121	0,317	-0,004	0,011	0,140	FALSE
0,107	0,311	0,003	0,010	0,118	FALSE
-0,031	0,320	0,000	0,009	0,016	FALSE
-0,024	0,303	0,000	0,012	0,006	FALSE
-0,166	0,297	-0,004	0,008	0,221	FALSE
0,054	0,316	0,002	0,010	0,081	FALSE

0,057	0,316	0,002	0,011	0,066	FALSE
0,033	0,304	0,001	0,012	0,037	FALSE
0,038	0,307	0,001	0,012	0,038	FALSE
0,115	0,314	0,003	0,007	0,162	FALSE
0,040	0,311	0,001	0,012	0,029	FALSE
0,093	0,317	0,002	0,008	0,118	FALSE
-0,113	0,316	-0,003	0,007	0,156	FALSE
0,069	0,308	0,001	0,008	0,072	FALSE
-0,156	0,291	-0,003	0,006	0,236	FALSE
-0,066	0,322	-0,002	0,009	0,078	FALSE
-0,162	0,304	-0,006	0,011	0,231	FALSE
0,090	0,292	0,001	0,007	0,070	FALSE
-0,028	0,311	-0,001	0,009	0,037	FALSE
0,009	0,318	0,001	0,010	0,021	FALSE
0,026	0,306	0,001	0,007	0,033	FALSE
-0,035	0,283	-0,001	0,009	0,059	FALSE
0,021	0,303	0,001	0,008	0,030	FALSE
0,082	0,302	0,004	0,011	0,139	FALSE
0,026	0,305	0,001	0,012	0,032	FALSE
0,017	0,310	0,001	0,009	0,033	FALSE
-0,013	0,297	-0,001	0,007	0,033	FALSE
0,053	0,309	0,001	0,007	0,081	FALSE
-0,039	0,316	-0,001	0,009	0,038	FALSE
0,104	0,298	0,003	0,008	0,125	FALSE
0,167	0,298	0,003	0,006	0,218	FALSE
0,122	0,293	0,004	0,011	0,136	FALSE
0,100	0,304	0,002	0,007	0,133	FALSE
-0,102	0,311	-0,002	0,007	0,117	FALSE
-0,116	0,312	-0,004	0,009	0,176	FALSE
-0,005	0,306	0,000	0,007	0,001	FALSE
0,016	0,309	0,000	0,009	0,001	FALSE
-0,016	0,319	-0,001	0,013	0,016	FALSE
-0,072	0,306	-0,002	0,009	0,107	FALSE
0,026	0,305	0,001	0,012	0,037	FALSE
-0,105	0,306	-0,004	0,010	0,162	FALSE
0,051	0,318	0,001	0,007	0,053	FALSE
-0,052	0,306	-0,002	0,011	0,078	FALSE
0,203	0,301	0,005	0,007	0,275	FALSE
0,006	0,308	0,000	0,007	0,025	FALSE
0,158	0,300	0,005	0,010	0,224	FALSE
-0,028	0,302	-0,001	0,012	0,023	FALSE
0,111	0,303	0,003	0,009	0,150	FALSE
0,002	0,323	0,000	0,012	0,004	FALSE
0,089	0,318	0,002	0,008	0,105	FALSE
0,161	0,311	0,005	0,009	0,227	FALSE
0,091	0,303	0,004	0,013	0,119	FALSE
-0,104	0,297	-0,003	0,009	0,130	FALSE
-0,034	0,299	-0,001	0,009	0,047	FALSE
-0,120	0,311	-0,003	0,009	0,143	FALSE
0,025	0,288	0,001	0,008	0,027	FALSE
-0,096	0,305	-0,002	0,009	0,107	FALSE
-0,095	0,297	-0,002	0,008	0,115	FALSE
0,048	0,298	0,001	0,008	0,061	FALSE

0,066	0,317	0,002	0,007	0,106	FALSE
0,043	0,302	0,001	0,010	0,041	FALSE
-0,093	0,306	-0,002	0,007	0,112	FALSE
-0,029	0,310	-0,001	0,007	0,047	FALSE
-0,039	0,319	-0,001	0,008	0,040	FALSE
-0,028	0,295	-0,001	0,010	0,028	FALSE
0,008	0,309	0,000	0,009	0,003	FALSE
0,042	0,304	0,001	0,012	0,035	FALSE
0,155	0,297	0,004	0,008	0,210	FALSE
-0,100	0,284	-0,002	0,007	0,136	FALSE
0,032	0,321	0,001	0,013	0,021	FALSE
0,035	0,305	0,001	0,010	0,028	FALSE
-0,017	0,322	0,000	0,013	0,003	FALSE
0,025	0,304	0,001	0,011	0,019	FALSE
0,042	0,319	0,002	0,011	0,064	FALSE
-0,117	0,313	-0,003	0,009	0,123	FALSE
-0,086	0,315	-0,002	0,008	0,081	FALSE
-0,058	0,301	-0,002	0,011	0,073	FALSE
-0,079	0,303	-0,002	0,009	0,075	FALSE
-0,048	0,310	-0,001	0,011	0,032	FALSE
0,002	0,320	0,000	0,008	0,017	FALSE
0,069	0,313	0,001	0,007	0,055	FALSE
0,105	0,299	0,003	0,010	0,137	FALSE
-0,072	0,306	-0,001	0,007	0,042	FALSE
0,098	0,308	0,002	0,008	0,117	FALSE
0,182	0,299	0,004	0,007	0,267	FALSE
-0,002	0,304	0,000	0,009	0,007	FALSE
0,051	0,317	0,001	0,007	0,073	FALSE
0,004	0,314	0,001	0,009	0,039	FALSE
0,016	0,297	0,000	0,008	0,013	FALSE
0,037	0,310	0,002	0,012	0,056	FALSE
-0,117	0,307	-0,003	0,008	0,175	FALSE
-0,097	0,316	-0,003	0,008	0,129	FALSE
0,012	0,303	0,000	0,012	0,000	FALSE
0,048	0,319	0,001	0,011	0,039	FALSE
-0,032	0,301	-0,001	0,010	0,024	FALSE
-0,212	0,301	-0,005	0,007	0,331	FALSE
0,208	0,291	0,005	0,007	0,337	FALSE
-0,035	0,305	-0,002	0,013	0,042	FALSE
-0,058	0,299	-0,001	0,008	0,064	FALSE
0,039	0,289	0,001	0,010	0,027	FALSE
-0,004	0,289	-0,001	0,009	0,019	FALSE
-0,054	0,307	-0,002	0,010	0,090	FALSE
-0,006	0,310	0,000	0,011	0,002	FALSE
-0,088	0,308	-0,002	0,006	0,099	FALSE
-0,129	0,308	-0,002	0,006	0,136	FALSE
-0,095	0,305	-0,004	0,013	0,139	FALSE
-0,035	0,299	-0,001	0,012	0,040	FALSE
0,037	0,312	0,002	0,012	0,047	FALSE
0,033	0,305	0,002	0,011	0,051	FALSE
-0,049	0,304	-0,001	0,007	0,055	FALSE
0,064	0,300	0,002	0,012	0,073	FALSE
-0,077	0,300	-0,003	0,010	0,101	FALSE

-0,183	0,298	-0,004	0,006	0,249	FALSE
0,014	0,318	0,000	0,009	0,010	FALSE
0,049	0,298	0,001	0,010	0,049	FALSE
-0,146	0,304	-0,003	0,007	0,214	FALSE
-0,043	0,317	-0,002	0,009	0,069	FALSE
-0,061	0,315	-0,002	0,013	0,069	FALSE
-0,068	0,314	-0,003	0,013	0,092	FALSE
-0,043	0,312	-0,001	0,009	0,062	FALSE
0,027	0,295	0,001	0,007	0,034	FALSE
-0,027	0,306	-0,001	0,010	0,045	FALSE
-0,077	0,317	-0,001	0,006	0,088	FALSE
0,092	0,298	0,002	0,007	0,083	FALSE
0,074	0,318	0,001	0,008	0,067	FALSE
-0,133	0,307	-0,003	0,007	0,156	FALSE
-0,009	0,302	0,000	0,009	0,015	FALSE
-0,021	0,313	-0,001	0,011	0,030	FALSE
0,094	0,304	0,002	0,010	0,096	FALSE
-0,021	0,310	-0,001	0,008	0,043	FALSE
-0,049	0,307	-0,002	0,009	0,064	FALSE
-0,070	0,328	-0,002	0,013	0,056	FALSE
-0,011	0,314	0,000	0,008	0,014	FALSE
0,004	0,311	0,000	0,009	0,018	FALSE
-0,031	0,300	-0,002	0,008	0,068	FALSE
0,090	0,312	0,002	0,007	0,083	FALSE
-0,031	0,299	-0,001	0,009	0,033	FALSE
-0,040	0,302	-0,001	0,009	0,022	FALSE
-0,072	0,303	-0,001	0,008	0,064	FALSE
-0,096	0,296	-0,004	0,013	0,114	FALSE
0,086	0,296	0,002	0,007	0,098	FALSE
0,108	0,301	0,003	0,008	0,133	FALSE
-0,075	0,314	-0,002	0,007	0,079	FALSE
0,070	0,299	0,002	0,007	0,103	FALSE
0,072	0,310	0,003	0,013	0,076	FALSE
-0,083	0,303	-0,002	0,007	0,100	FALSE
0,060	0,302	0,003	0,009	0,116	FALSE
-0,040	0,299	-0,001	0,010	0,050	FALSE
0,038	0,312	0,001	0,010	0,043	FALSE
-0,011	0,301	0,000	0,009	0,016	FALSE
0,017	0,301	0,001	0,008	0,070	FALSE
0,064	0,281	0,001	0,007	0,056	FALSE
-0,070	0,305	-0,002	0,007	0,115	FALSE
0,011	0,312	0,000	0,013	0,002	FALSE
-0,118	0,301	-0,003	0,008	0,130	FALSE
0,005	0,292	0,000	0,009	0,005	FALSE
0,053	0,300	0,001	0,013	0,037	FALSE
0,078	0,299	0,001	0,007	0,063	FALSE
-0,038	0,297	-0,001	0,009	0,042	FALSE
0,010	0,314	0,000	0,008	0,012	FALSE
0,046	0,304	0,001	0,010	0,041	FALSE
0,027	0,307	0,001	0,010	0,050	FALSE
-0,044	0,299	-0,002	0,012	0,070	FALSE
-0,008	0,309	0,001	0,008	0,026	FALSE
-0,200	0,302	-0,004	0,007	0,295	FALSE

-0,054	0,309	-0,002	0,012	0,054	FALSE
0,055	0,310	0,003	0,013	0,080	FALSE
-0,066	0,296	-0,002	0,007	0,091	FALSE
0,077	0,308	0,002	0,008	0,097	FALSE
-0,018	0,299	-0,001	0,007	0,050	FALSE
-0,108	0,304	-0,003	0,009	0,125	FALSE
-0,020	0,303	0,000	0,007	0,000	FALSE
-0,052	0,309	-0,002	0,011	0,061	FALSE
0,038	0,296	0,001	0,006	0,048	FALSE
-0,045	0,293	-0,001	0,007	0,028	FALSE
0,052	0,303	0,002	0,011	0,070	FALSE
-0,002	0,295	0,000	0,011	0,006	FALSE
-0,010	0,299	-0,001	0,011	0,021	FALSE
0,060	0,318	0,002	0,013	0,064	FALSE
0,088	0,290	0,004	0,012	0,117	FALSE
0,234	0,303	0,010	0,013	0,356	FALSE
0,003	0,305	0,000	0,012	0,006	FALSE
0,075	0,318	0,002	0,009	0,098	FALSE
-0,099	0,309	-0,005	0,012	0,155	FALSE
0,072	0,300	0,002	0,008	0,123	FALSE
-0,031	0,309	-0,001	0,013	0,023	FALSE
0,096	0,304	0,003	0,009	0,127	FALSE
-0,049	0,297	-0,001	0,006	0,033	FALSE
0,027	0,303	0,001	0,010	0,041	FALSE
-0,008	0,302	0,000	0,007	0,001	FALSE
-0,036	0,306	0,000	0,008	0,018	FALSE
0,015	0,304	0,001	0,009	0,039	FALSE
-0,106	0,306	-0,003	0,010	0,123	FALSE
-0,081	0,303	-0,003	0,012	0,108	FALSE
0,098	0,307	0,003	0,008	0,118	FALSE
-0,021	0,305	-0,001	0,009	0,043	FALSE
0,051	0,307	0,002	0,011	0,072	FALSE
0,067	0,308	0,002	0,008	0,080	FALSE
0,062	0,299	0,001	0,007	0,068	FALSE
-0,018	0,297	-0,001	0,007	0,035	FALSE
-0,155	0,308	-0,003	0,007	0,210	FALSE
0,097	0,318	0,002	0,007	0,117	FALSE
0,004	0,326	0,000	0,010	0,011	FALSE
-0,049	0,297	-0,002	0,012	0,064	FALSE
0,061	0,309	0,002	0,010	0,072	FALSE
0,073	0,308	0,003	0,011	0,099	FALSE
-0,047	0,293	-0,001	0,008	0,063	FALSE
-0,127	0,296	-0,004	0,011	0,139	FALSE
-0,031	0,305	-0,002	0,013	0,059	FALSE
0,037	0,298	0,003	0,012	0,088	FALSE
-0,047	0,309	-0,001	0,008	0,066	FALSE
0,135	0,307	0,004	0,011	0,169	FALSE
0,083	0,307	0,003	0,013	0,090	FALSE
-0,041	0,307	-0,001	0,007	0,044	FALSE
0,004	0,319	0,000	0,013	0,001	FALSE
-0,006	0,311	-0,001	0,013	0,023	FALSE
0,059	0,318	0,002	0,007	0,078	FALSE
0,027	0,299	0,001	0,007	0,047	FALSE

0,101	0,320	0,004	0,013	0,127	FALSE
-0,075	0,298	-0,002	0,007	0,098	FALSE
0,053	0,317	0,002	0,012	0,077	FALSE
-0,029	0,312	-0,001	0,007	0,041	FALSE
-0,073	0,294	-0,003	0,010	0,105	FALSE
-0,118	0,291	-0,005	0,011	0,183	FALSE
-0,109	0,302	-0,005	0,011	0,169	FALSE
-0,040	0,319	-0,001	0,007	0,078	FALSE
-0,044	0,305	-0,001	0,011	0,023	FALSE
0,133	0,315	0,004	0,008	0,211	FALSE
-0,063	0,307	-0,002	0,010	0,088	FALSE
-0,041	0,297	-0,001	0,007	0,039	FALSE
-0,058	0,294	-0,002	0,009	0,083	FALSE
-0,028	0,322	-0,001	0,013	0,023	FALSE
0,014	0,299	0,000	0,012	0,012	FALSE
0,085	0,297	0,003	0,012	0,111	FALSE
0,180	0,297	0,007	0,012	0,246	FALSE
-0,166	0,299	-0,005	0,010	0,202	FALSE
0,236	0,294	0,008	0,010	0,368	FALSE
-0,058	0,305	-0,002	0,012	0,058	FALSE
0,039	0,307	0,001	0,008	0,056	FALSE
-0,004	0,304	0,000	0,007	0,001	FALSE
-0,023	0,300	0,000	0,012	0,012	FALSE
0,092	0,303	0,004	0,009	0,165	FALSE
-0,095	0,315	-0,003	0,012	0,098	FALSE
0,094	0,307	0,002	0,007	0,100	FALSE
-0,091	0,292	-0,003	0,013	0,097	FALSE
0,025	0,302	0,001	0,009	0,021	FALSE
-0,082	0,319	-0,002	0,008	0,091	FALSE
-0,088	0,298	-0,003	0,012	0,111	FALSE
-0,107	0,305	-0,002	0,007	0,109	FALSE
-0,018	0,312	0,000	0,006	0,014	FALSE
-0,014	0,315	0,000	0,008	0,001	FALSE
-0,088	0,305	-0,004	0,011	0,139	FALSE
-0,061	0,299	-0,004	0,013	0,119	FALSE
-0,025	0,321	-0,001	0,012	0,026	FALSE
0,091	0,305	0,003	0,010	0,115	FALSE
-0,050	0,288	-0,001	0,007	0,047	FALSE
0,089	0,308	0,002	0,008	0,117	FALSE
0,135	0,310	0,004	0,008	0,202	FALSE
0,114	0,302	0,003	0,007	0,142	FALSE
-0,093	0,314	-0,002	0,008	0,110	FALSE
0,098	0,292	0,004	0,011	0,164	FALSE
0,072	0,288	0,003	0,011	0,114	FALSE
-0,062	0,306	-0,001	0,007	0,053	FALSE
0,038	0,312	0,002	0,013	0,046	FALSE
-0,051	0,312	-0,002	0,011	0,066	FALSE
-0,074	0,312	-0,003	0,011	0,113	FALSE
0,025	0,300	0,001	0,007	0,051	FALSE
0,027	0,309	0,001	0,010	0,022	FALSE
0,058	0,309	0,002	0,012	0,069	FALSE
0,067	0,304	0,001	0,010	0,057	FALSE
0,111	0,291	0,003	0,007	0,167	FALSE

-0,254	0,302	-0,009	0,010	0,424	FALSE
0,025	0,288	0,001	0,009	0,043	FALSE
-0,094	0,300	-0,002	0,009	0,100	FALSE
-0,097	0,306	-0,002	0,007	0,127	FALSE
-0,094	0,312	-0,004	0,011	0,144	FALSE
-0,058	0,305	-0,001	0,007	0,081	FALSE
0,042	0,308	0,001	0,006	0,047	FALSE
0,050	0,302	0,001	0,006	0,072	FALSE
0,013	0,297	0,001	0,010	0,039	FALSE
-0,027	0,303	-0,001	0,012	0,046	FALSE
0,003	0,307	-0,001	0,011	0,035	FALSE
0,004	0,300	0,001	0,006	0,046	FALSE
-0,094	0,295	-0,002	0,007	0,126	FALSE
-0,011	0,300	0,000	0,012	0,002	FALSE
-0,049	0,301	-0,002	0,010	0,070	FALSE
0,123	0,300	0,004	0,008	0,182	FALSE
0,009	0,320	0,000	0,009	0,004	FALSE
-0,020	0,311	0,000	0,007	0,011	FALSE
0,013	0,301	0,001	0,012	0,021	FALSE
0,001	0,312	0,000	0,013	0,000	FALSE
0,052	0,310	0,001	0,007	0,056	FALSE
0,062	0,300	0,002	0,009	0,092	FALSE
0,027	0,306	0,000	0,008	0,020	FALSE
-0,006	0,312	-0,001	0,010	0,019	FALSE
-0,073	0,302	-0,001	0,007	0,051	FALSE
0,145	0,303	0,005	0,012	0,186	FALSE
0,017	0,297	0,000	0,006	0,009	FALSE
-0,031	0,307	-0,001	0,006	0,050	FALSE
0,048	0,305	0,002	0,007	0,078	FALSE
-0,006	0,292	0,000	0,008	0,018	FALSE
0,071	0,301	0,002	0,011	0,063	FALSE
0,084	0,307	0,003	0,011	0,106	FALSE
-0,022	0,309	-0,001	0,008	0,031	FALSE
-0,155	0,296	-0,004	0,008	0,202	FALSE
-0,050	0,310	-0,001	0,006	0,071	FALSE
-0,101	0,312	-0,002	0,006	0,145	FALSE
-0,009	0,312	0,000	0,007	0,025	FALSE
-0,086	0,295	-0,002	0,007	0,097	FALSE
0,020	0,315	0,000	0,012	0,012	FALSE
-0,055	0,311	-0,001	0,007	0,068	FALSE
0,050	0,291	0,002	0,012	0,066	FALSE
0,030	0,309	0,001	0,007	0,049	FALSE
-0,046	0,313	-0,001	0,009	0,039	FALSE
-0,060	0,305	-0,001	0,006	0,052	FALSE
-0,009	0,301	-0,001	0,007	0,028	FALSE
0,011	0,303	0,001	0,008	0,063	FALSE
-0,133	0,319	-0,004	0,010	0,156	FALSE
-0,001	0,316	0,000	0,011	0,009	FALSE
0,003	0,306	0,000	0,007	0,021	FALSE
-0,031	0,293	-0,001	0,008	0,038	FALSE
0,053	0,297	0,002	0,009	0,082	FALSE
0,079	0,320	0,004	0,012	0,119	FALSE
-0,061	0,308	-0,001	0,007	0,064	FALSE

0,111	0,305	0,003	0,010	0,127	FALSE
0,157	0,290	0,004	0,007	0,226	FALSE
0,165	0,291	0,004	0,008	0,241	FALSE
0,189	0,297	0,005	0,008	0,299	FALSE
0,168	0,289	0,005	0,008	0,246	FALSE
-0,137	0,319	-0,006	0,014	0,166	FALSE
0,063	0,316	0,002	0,007	0,089	FALSE
-0,027	0,309	0,000	0,006	0,017	FALSE
-0,134	0,302	-0,003	0,007	0,199	FALSE
-0,055	0,294	-0,002	0,008	0,077	FALSE
0,008	0,301	0,000	0,009	0,016	FALSE
-0,054	0,307	-0,001	0,007	0,069	FALSE
-0,025	0,317	0,000	0,008	0,019	FALSE
-0,044	0,315	-0,002	0,013	0,065	FALSE
-0,046	0,301	-0,001	0,008	0,052	FALSE
0,045	0,301	0,003	0,011	0,095	FALSE
0,030	0,304	0,001	0,009	0,031	FALSE
-0,084	0,321	-0,004	0,013	0,114	FALSE
0,039	0,305	0,001	0,012	0,045	FALSE
-0,045	0,312	-0,002	0,010	0,069	FALSE
-0,026	0,311	-0,001	0,010	0,032	FALSE
-0,013	0,311	-0,001	0,011	0,020	FALSE
0,051	0,310	0,003	0,011	0,087	FALSE
0,013	0,297	0,000	0,009	0,012	FALSE
0,005	0,296	0,000	0,006	0,022	FALSE
-0,073	0,314	-0,001	0,007	0,084	FALSE
0,031	0,291	0,001	0,009	0,024	FALSE
0,048	0,299	0,001	0,008	0,050	FALSE
0,042	0,306	0,001	0,006	0,052	FALSE
-0,018	0,304	-0,001	0,013	0,016	FALSE
-0,072	0,309	-0,002	0,007	0,088	FALSE
-0,055	0,310	-0,002	0,012	0,064	FALSE
0,015	0,299	0,000	0,007	0,013	FALSE
-0,129	0,302	-0,004	0,009	0,170	FALSE
0,015	0,305	0,000	0,013	0,013	FALSE
0,042	0,293	0,002	0,011	0,058	FALSE
-0,035	0,308	-0,001	0,008	0,051	FALSE
0,145	0,310	0,004	0,008	0,216	FALSE
-0,030	0,315	0,000	0,008	0,011	FALSE
-0,058	0,310	-0,002	0,009	0,095	FALSE
0,030	0,308	0,001	0,009	0,032	FALSE
0,009	0,302	0,001	0,012	0,023	FALSE
0,074	0,299	0,002	0,009	0,103	FALSE
-0,075	0,296	-0,003	0,009	0,126	FALSE
-0,005	0,318	0,000	0,012	0,014	FALSE
-0,043	0,300	-0,001	0,006	0,069	FALSE
-0,092	0,300	-0,003	0,011	0,107	FALSE
-0,071	0,294	-0,003	0,013	0,076	FALSE
0,096	0,315	0,004	0,011	0,138	FALSE
0,035	0,315	0,001	0,010	0,050	FALSE
0,070	0,313	0,002	0,010	0,091	FALSE
0,018	0,317	0,000	0,007	0,022	FALSE
0,124	0,308	0,004	0,009	0,192	FALSE

0,104	0,317	0,003	0,008	0,141	FALSE
-0,121	0,300	-0,004	0,011	0,152	FALSE
-0,086	0,308	-0,004	0,012	0,139	FALSE
0,107	0,310	0,004	0,009	0,187	FALSE
0,078	0,296	0,002	0,008	0,097	FALSE
0,021	0,314	0,001	0,010	0,032	FALSE
-0,024	0,302	-0,001	0,007	0,036	FALSE
-0,002	0,315	0,000	0,013	0,002	FALSE
-0,027	0,302	0,000	0,006	0,021	FALSE
0,064	0,307	0,001	0,009	0,060	FALSE
-0,071	0,294	-0,002	0,012	0,075	FALSE
-0,048	0,307	-0,002	0,006	0,097	FALSE
-0,070	0,313	-0,003	0,010	0,093	FALSE
0,014	0,298	0,000	0,006	0,028	FALSE
-0,107	0,298	-0,002	0,007	0,125	FALSE
-0,009	0,318	0,000	0,008	0,015	FALSE
-0,007	0,301	-0,001	0,013	0,023	FALSE
-0,066	0,315	-0,001	0,010	0,045	FALSE
0,031	0,301	0,001	0,011	0,047	FALSE
0,050	0,299	0,001	0,009	0,035	FALSE
-0,176	0,285	-0,008	0,011	0,299	FALSE
-0,189	0,306	-0,005	0,008	0,265	FALSE
0,046	0,309	0,001	0,010	0,035	FALSE
0,027	0,303	0,001	0,007	0,040	FALSE
0,082	0,301	0,004	0,012	0,138	FALSE
0,134	0,293	0,005	0,012	0,184	FALSE
0,100	0,302	0,002	0,008	0,110	FALSE
-0,094	0,300	-0,002	0,009	0,107	FALSE
-0,110	0,313	-0,003	0,008	0,121	FALSE
-0,069	0,297	-0,003	0,012	0,099	FALSE
0,110	0,304	0,004	0,013	0,140	FALSE
-0,068	0,298	-0,002	0,008	0,096	FALSE
0,017	0,309	0,001	0,011	0,017	FALSE
-0,031	0,308	-0,001	0,012	0,031	FALSE
-0,065	0,316	-0,002	0,008	0,088	FALSE
-0,015	0,291	0,000	0,009	0,010	FALSE
-0,036	0,302	-0,001	0,007	0,040	FALSE
0,068	0,305	0,001	0,009	0,048	FALSE
0,088	0,296	0,003	0,012	0,105	FALSE
0,049	0,303	0,002	0,007	0,089	FALSE
-0,059	0,305	-0,001	0,009	0,053	FALSE
-0,042	0,307	-0,001	0,007	0,031	FALSE
-0,049	0,293	-0,002	0,010	0,072	FALSE
-0,119	0,300	-0,004	0,008	0,191	FALSE
-0,029	0,308	-0,002	0,012	0,061	FALSE
0,028	0,299	0,001	0,009	0,057	FALSE
0,121	0,308	0,005	0,012	0,175	FALSE
0,039	0,315	0,002	0,010	0,062	FALSE
0,001	0,302	0,000	0,006	0,014	FALSE
-0,002	0,313	0,000	0,010	0,003	FALSE
0,013	0,310	0,001	0,012	0,016	FALSE
-0,002	0,308	0,000	0,010	0,005	FALSE
-0,021	0,310	-0,001	0,009	0,021	FALSE

0,035	0,307	0,001	0,012	0,036	FALSE
0,006	0,311	0,000	0,007	0,000	FALSE
0,104	0,293	0,004	0,009	0,171	FALSE
0,044	0,296	0,001	0,009	0,053	FALSE
0,032	0,298	0,000	0,008	0,010	FALSE
-0,099	0,294	-0,002	0,008	0,125	FALSE
0,097	0,293	0,003	0,011	0,124	FALSE
0,104	0,308	0,002	0,006	0,126	FALSE
-0,127	0,312	-0,004	0,010	0,164	FALSE
-0,029	0,316	-0,001	0,008	0,043	FALSE
0,048	0,303	0,002	0,010	0,079	FALSE
0,005	0,294	0,001	0,006	0,035	FALSE
-0,084	0,312	-0,002	0,008	0,109	FALSE
-0,071	0,312	-0,002	0,010	0,083	FALSE
0,002	0,306	0,000	0,012	0,005	FALSE
0,068	0,315	0,002	0,007	0,088	FALSE
0,010	0,317	0,000	0,009	0,008	FALSE
0,079	0,314	0,003	0,013	0,090	FALSE
-0,096	0,299	-0,002	0,006	0,102	FALSE
0,059	0,305	0,001	0,007	0,073	FALSE
0,058	0,315	0,002	0,007	0,089	FALSE
0,024	0,307	0,001	0,011	0,043	FALSE
-0,111	0,302	-0,003	0,007	0,174	FALSE
-0,006	0,310	0,000	0,007	0,015	FALSE
0,060	0,319	0,002	0,009	0,078	FALSE
0,100	0,315	0,003	0,011	0,123	FALSE
0,019	0,301	0,000	0,006	0,016	FALSE
0,085	0,316	0,003	0,011	0,095	FALSE
0,122	0,297	0,003	0,009	0,153	FALSE
-0,125	0,317	-0,003	0,009	0,142	FALSE
0,007	0,303	0,000	0,007	0,013	FALSE
-0,082	0,308	-0,002	0,007	0,122	FALSE
-0,011	0,315	-0,001	0,010	0,035	FALSE
-0,003	0,308	-0,001	0,010	0,026	FALSE
0,120	0,297	0,003	0,009	0,156	FALSE
0,114	0,296	0,003	0,008	0,134	FALSE
0,092	0,299	0,004	0,012	0,135	FALSE
0,022	0,312	0,001	0,013	0,034	FALSE
0,030	0,311	0,000	0,006	0,026	FALSE
0,228	0,291	0,009	0,012	0,382	FALSE
-0,219	0,299	-0,008	0,011	0,329	FALSE
-0,010	0,306	0,000	0,009	0,017	FALSE
0,223	0,280	0,008	0,011	0,339	FALSE
-0,094	0,306	-0,004	0,012	0,154	FALSE
-0,171	0,295	-0,007	0,012	0,258	FALSE
-0,023	0,305	-0,001	0,008	0,023	FALSE
-0,072	0,314	-0,003	0,010	0,102	FALSE
0,117	0,311	0,005	0,012	0,152	FALSE
0,082	0,309	0,002	0,007	0,108	FALSE
-0,051	0,303	-0,003	0,012	0,088	FALSE
0,024	0,314	0,001	0,010	0,024	FALSE
0,049	0,312	0,002	0,011	0,072	FALSE
0,121	0,300	0,002	0,007	0,116	FALSE

-0,107	0,312	-0,005	0,011	0,160	FALSE
0,015	0,304	0,000	0,006	0,016	FALSE
0,123	0,308	0,004	0,010	0,179	FALSE
0,114	0,308	0,004	0,011	0,165	FALSE
-0,055	0,310	-0,002	0,007	0,083	FALSE
0,094	0,305	0,003	0,010	0,127	FALSE
-0,139	0,305	-0,003	0,007	0,181	FALSE
0,014	0,302	0,000	0,007	0,002	FALSE
0,081	0,305	0,002	0,007	0,118	FALSE
-0,033	0,297	-0,001	0,009	0,028	FALSE
-0,023	0,307	-0,001	0,010	0,027	FALSE
-0,120	0,302	-0,004	0,010	0,157	FALSE
0,067	0,301	0,002	0,007	0,088	FALSE
0,012	0,301	0,001	0,013	0,016	FALSE
0,009	0,303	0,001	0,012	0,020	FALSE
-0,051	0,308	-0,001	0,006	0,076	FALSE
0,050	0,293	0,002	0,012	0,068	FALSE
0,031	0,305	0,001	0,013	0,038	FALSE
0,038	0,313	0,001	0,008	0,054	FALSE
-0,097	0,312	-0,004	0,010	0,135	FALSE
0,043	0,299	0,001	0,010	0,047	FALSE
0,061	0,309	0,003	0,012	0,080	FALSE
-0,087	0,313	-0,002	0,009	0,094	FALSE
0,021	0,300	0,000	0,006	0,028	FALSE
-0,166	0,289	-0,004	0,007	0,231	FALSE
-0,047	0,308	-0,002	0,011	0,082	FALSE
0,062	0,294	0,002	0,012	0,070	FALSE
-0,126	0,289	-0,005	0,010	0,200	FALSE
0,125	0,326	0,003	0,007	0,172	FALSE
0,074	0,305	0,002	0,009	0,092	FALSE
0,073	0,307	0,002	0,009	0,084	FALSE
-0,082	0,301	-0,002	0,009	0,105	FALSE
-0,091	0,303	-0,004	0,009	0,156	FALSE
0,056	0,293	0,001	0,006	0,087	FALSE
-0,062	0,303	-0,003	0,011	0,101	FALSE
-0,073	0,296	-0,004	0,011	0,123	FALSE
-0,016	0,299	-0,001	0,009	0,028	FALSE
0,082	0,305	0,004	0,010	0,143	FALSE
0,143	0,292	0,006	0,012	0,197	FALSE
0,012	0,303	0,000	0,008	0,014	FALSE
0,060	0,316	0,002	0,010	0,074	FALSE
0,060	0,305	0,002	0,011	0,058	FALSE
-0,001	0,307	0,000	0,008	0,017	FALSE
0,112	0,304	0,003	0,009	0,123	FALSE
0,105	0,306	0,002	0,008	0,116	FALSE
0,067	0,303	0,002	0,009	0,070	FALSE
0,024	0,301	0,001	0,012	0,032	FALSE
-0,035	0,316	-0,001	0,008	0,028	FALSE
0,038	0,315	0,002	0,008	0,073	FALSE
0,000	0,295	-0,001	0,012	0,035	FALSE
0,000	0,316	0,000	0,008	0,015	FALSE
-0,107	0,291	-0,003	0,007	0,144	FALSE
-0,136	0,315	-0,004	0,010	0,180	FALSE

0,032	0,307	0,001	0,012	0,025	FALSE
0,064	0,294	0,004	0,013	0,104	FALSE
0,171	0,303	0,005	0,009	0,229	FALSE
0,053	0,302	0,002	0,010	0,063	FALSE
0,043	0,315	0,002	0,011	0,060	FALSE
0,095	0,298	0,003	0,007	0,160	FALSE
0,103	0,300	0,003	0,011	0,116	FALSE
0,003	0,293	0,000	0,008	0,019	FALSE
0,018	0,323	0,000	0,008	0,004	FALSE
-0,108	0,302	-0,005	0,012	0,144	FALSE
-0,034	0,308	-0,002	0,013	0,056	FALSE
0,061	0,314	0,002	0,009	0,103	FALSE
0,018	0,308	0,001	0,012	0,037	FALSE
-0,018	0,306	-0,001	0,012	0,031	FALSE
-0,029	0,313	0,000	0,007	0,006	FALSE
0,083	0,301	0,003	0,009	0,113	FALSE
-0,027	0,314	0,000	0,008	0,012	FALSE
0,035	0,318	0,001	0,007	0,072	FALSE
0,069	0,309	0,003	0,012	0,093	FALSE
0,025	0,291	0,001	0,010	0,037	FALSE
-0,013	0,308	-0,001	0,007	0,028	FALSE
-0,082	0,308	-0,002	0,007	0,130	FALSE
-0,015	0,310	0,000	0,009	0,006	FALSE
0,029	0,314	0,001	0,008	0,059	FALSE
0,053	0,311	0,001	0,006	0,075	FALSE
-0,083	0,314	-0,002	0,008	0,105	FALSE
0,046	0,311	0,002	0,012	0,056	FALSE
0,025	0,290	0,000	0,009	0,019	FALSE
-0,044	0,312	-0,002	0,009	0,077	FALSE
-0,116	0,294	-0,003	0,007	0,187	FALSE
-0,045	0,307	-0,002	0,010	0,065	FALSE
-0,048	0,313	-0,001	0,010	0,055	FALSE
0,012	0,310	0,000	0,012	0,002	FALSE
0,042	0,321	0,001	0,011	0,035	FALSE
-0,072	0,320	-0,002	0,008	0,091	FALSE
-0,079	0,290	-0,002	0,008	0,082	FALSE
0,008	0,309	0,000	0,013	0,003	FALSE
0,104	0,310	0,003	0,012	0,106	FALSE
0,100	0,307	0,002	0,007	0,134	FALSE
0,109	0,301	0,003	0,008	0,136	FALSE
-0,104	0,293	-0,002	0,008	0,119	FALSE
0,039	0,305	0,001	0,008	0,027	FALSE
0,055	0,304	0,002	0,013	0,074	FALSE
-0,023	0,304	0,000	0,013	0,006	FALSE
0,044	0,315	0,001	0,009	0,048	FALSE
0,041	0,309	0,001	0,011	0,050	FALSE
-0,088	0,306	-0,002	0,008	0,114	FALSE
0,079	0,311	0,003	0,011	0,103	FALSE
0,029	0,306	0,000	0,007	0,019	FALSE
0,031	0,323	0,002	0,013	0,049	FALSE
-0,072	0,319	-0,004	0,013	0,110	FALSE
0,002	0,321	0,000	0,007	0,005	FALSE
0,058	0,304	0,001	0,008	0,047	FALSE

0,036	0,300	0,002	0,010	0,079	FALSE
0,050	0,306	0,002	0,007	0,095	FALSE
-0,078	0,306	-0,002	0,011	0,083	FALSE
-0,060	0,311	-0,002	0,012	0,078	FALSE
-0,038	0,309	-0,001	0,009	0,045	FALSE
0,030	0,305	0,000	0,008	0,012	FALSE
-0,080	0,310	-0,002	0,008	0,100	FALSE
-0,016	0,319	0,000	0,007	0,014	FALSE
-0,087	0,316	-0,002	0,006	0,095	FALSE
0,050	0,315	0,001	0,007	0,071	FALSE
-0,081	0,309	-0,004	0,012	0,125	FALSE
-0,063	0,305	-0,003	0,012	0,093	FALSE
-0,103	0,303	-0,003	0,009	0,150	FALSE
-0,005	0,304	0,001	0,012	0,017	FALSE
0,075	0,309	0,002	0,007	0,107	FALSE
-0,026	0,301	-0,001	0,010	0,038	FALSE
-0,089	0,311	-0,004	0,013	0,121	FALSE
0,013	0,314	0,000	0,009	0,014	FALSE
-0,002	0,313	0,000	0,007	0,013	FALSE
0,083	0,308	0,002	0,007	0,121	FALSE
-0,004	0,319	0,000	0,008	0,012	FALSE
-0,015	0,309	0,000	0,010	0,005	FALSE
-0,070	0,305	-0,002	0,012	0,076	FALSE
0,064	0,316	0,001	0,007	0,083	FALSE
0,127	0,291	0,004	0,010	0,165	FALSE
0,034	0,312	0,001	0,007	0,043	FALSE
-0,005	0,316	0,000	0,010	0,006	FALSE
0,014	0,303	0,000	0,006	0,010	FALSE
0,055	0,294	0,001	0,007	0,049	FALSE
0,091	0,289	0,003	0,012	0,094	FALSE
0,040	0,298	0,001	0,008	0,056	FALSE
0,051	0,318	0,001	0,012	0,042	FALSE
0,022	0,314	0,001	0,013	0,036	FALSE
-0,024	0,326	0,000	0,007	0,022	FALSE
-0,081	0,315	-0,002	0,009	0,104	FALSE
0,093	0,299	0,003	0,013	0,085	FALSE
-0,085	0,314	-0,002	0,013	0,068	FALSE
0,008	0,325	0,000	0,007	0,012	FALSE
0,049	0,289	0,002	0,009	0,101	FALSE
0,081	0,296	0,003	0,010	0,123	FALSE
0,005	0,316	0,000	0,007	0,011	FALSE
-0,094	0,286	-0,002	0,008	0,102	FALSE
-0,018	0,299	0,000	0,008	0,021	FALSE
0,028	0,302	0,001	0,011	0,025	FALSE
-0,020	0,324	0,000	0,008	0,019	FALSE
-0,113	0,292	-0,003	0,009	0,153	FALSE
-0,142	0,294	-0,004	0,009	0,193	FALSE
0,027	0,320	0,001	0,012	0,027	FALSE
0,135	0,295	0,003	0,007	0,178	FALSE
0,089	0,314	0,002	0,007	0,112	FALSE
0,094	0,309	0,002	0,007	0,121	FALSE
0,021	0,313	0,000	0,012	0,009	FALSE
-0,085	0,306	-0,004	0,010	0,146	FALSE

-0,016	0,313	0,000	0,012	0,000	FALSE
-0,008	0,309	0,000	0,007	0,014	FALSE
0,100	0,301	0,004	0,011	0,142	FALSE
0,021	0,311	0,001	0,010	0,037	FALSE
-0,011	0,293	0,000	0,008	0,002	FALSE
-0,004	0,322	0,000	0,008	0,004	FALSE
0,129	0,296	0,005	0,013	0,160	FALSE
-0,138	0,303	-0,004	0,009	0,203	FALSE
0,072	0,315	0,002	0,007	0,095	FALSE
-0,068	0,306	-0,003	0,012	0,084	FALSE
-0,015	0,310	0,000	0,007	0,005	FALSE
-0,140	0,306	-0,005	0,010	0,230	FALSE
0,012	0,300	0,000	0,009	0,002	FALSE
0,051	0,320	0,002	0,008	0,084	FALSE
-0,043	0,301	-0,001	0,007	0,074	FALSE
-0,006	0,300	-0,001	0,012	0,029	FALSE
-0,017	0,302	0,000	0,008	0,019	FALSE
0,030	0,311	0,001	0,008	0,055	FALSE
0,036	0,309	0,001	0,009	0,034	FALSE
-0,035	0,303	-0,001	0,007	0,062	FALSE
-0,048	0,320	-0,001	0,007	0,067	FALSE
-0,043	0,305	-0,001	0,010	0,049	FALSE
0,008	0,297	0,001	0,011	0,020	FALSE
-0,004	0,313	0,000	0,010	0,001	FALSE
0,104	0,305	0,003	0,007	0,139	FALSE
0,005	0,317	0,000	0,012	0,008	FALSE
0,041	0,303	0,002	0,012	0,046	FALSE
0,021	0,305	0,000	0,010	0,002	FALSE
-0,003	0,312	0,000	0,007	0,003	FALSE
0,090	0,305	0,002	0,006	0,117	FALSE
-0,029	0,302	-0,002	0,012	0,047	FALSE
-0,066	0,305	-0,002	0,008	0,099	FALSE
0,087	0,300	0,002	0,007	0,101	FALSE
-0,023	0,320	0,000	0,007	0,023	FALSE
-0,096	0,300	-0,004	0,013	0,123	FALSE
-0,096	0,299	-0,003	0,012	0,108	FALSE
0,014	0,307	-0,001	0,009	0,021	FALSE
-0,001	0,301	0,000	0,007	0,011	FALSE
0,100	0,291	0,005	0,012	0,161	FALSE
-0,029	0,298	0,000	0,011	0,006	FALSE
0,025	0,297	0,001	0,012	0,031	FALSE
-0,016	0,297	0,000	0,007	0,016	FALSE
0,093	0,316	0,003	0,010	0,117	FALSE
0,213	0,300	0,005	0,007	0,293	FALSE
-0,062	0,311	-0,003	0,012	0,080	FALSE
-0,033	0,306	-0,001	0,008	0,045	FALSE
0,032	0,312	0,002	0,012	0,048	FALSE
-0,091	0,311	-0,003	0,010	0,102	FALSE
-0,040	0,300	-0,001	0,010	0,027	FALSE
-0,164	0,295	-0,005	0,010	0,237	FALSE
0,038	0,293	0,001	0,008	0,038	FALSE
0,019	0,322	0,002	0,011	0,061	FALSE
-0,015	0,311	0,000	0,007	0,009	FALSE

-0,055	0,303	-0,003	0,013	0,101	FALSE
-0,025	0,295	-0,001	0,007	0,042	FALSE
-0,065	0,292	-0,002	0,010	0,088	FALSE
-0,002	0,307	0,000	0,008	0,021	FALSE
-0,079	0,313	-0,001	0,006	0,079	FALSE
-0,065	0,295	-0,003	0,012	0,100	FALSE
-0,070	0,299	-0,001	0,007	0,067	FALSE
-0,018	0,308	0,000	0,011	0,006	FALSE
0,055	0,311	0,002	0,011	0,077	FALSE
-0,081	0,293	-0,003	0,012	0,076	FALSE
0,063	0,316	0,001	0,007	0,073	FALSE
0,034	0,312	0,000	0,007	0,022	FALSE
0,030	0,298	0,000	0,011	0,016	FALSE
0,043	0,307	0,001	0,011	0,049	FALSE
-0,052	0,314	-0,002	0,013	0,066	FALSE
0,155	0,320	0,006	0,012	0,200	FALSE
0,171	0,298	0,007	0,012	0,247	FALSE
-0,055	0,309	-0,002	0,011	0,067	FALSE
-0,048	0,298	-0,002	0,013	0,064	FALSE
-0,009	0,315	0,000	0,006	0,006	FALSE
0,040	0,309	0,001	0,007	0,034	FALSE
0,029	0,287	0,000	0,007	0,021	FALSE
-0,148	0,294	-0,006	0,010	0,235	FALSE
0,057	0,309	0,001	0,008	0,035	FALSE
-0,051	0,306	-0,001	0,007	0,062	FALSE
0,089	0,306	0,003	0,012	0,112	FALSE
0,050	0,316	0,002	0,007	0,082	FALSE
0,097	0,292	0,004	0,013	0,136	FALSE
0,145	0,307	0,005	0,012	0,176	FALSE
-0,181	0,307	-0,006	0,010	0,260	FALSE
-0,077	0,314	-0,002	0,007	0,092	FALSE
0,073	0,311	0,003	0,013	0,091	FALSE
-0,094	0,288	-0,004	0,012	0,129	FALSE
-0,072	0,307	-0,002	0,006	0,099	FALSE
0,084	0,292	0,002	0,007	0,143	FALSE
0,098	0,310	0,003	0,007	0,157	FALSE
-0,078	0,305	-0,003	0,013	0,100	FALSE
-0,011	0,288	0,000	0,009	0,008	FALSE
-0,018	0,316	0,000	0,007	0,013	FALSE
0,106	0,309	0,005	0,012	0,171	FALSE
0,142	0,302	0,004	0,008	0,230	FALSE
0,105	0,297	0,005	0,012	0,187	FALSE
0,022	0,290	0,001	0,007	0,057	FALSE
0,065	0,291	0,003	0,008	0,126	FALSE
-0,004	0,304	0,000	0,007	0,008	FALSE
-0,032	0,309	0,000	0,008	0,018	FALSE
-0,137	0,300	-0,006	0,012	0,197	FALSE
0,085	0,314	0,002	0,009	0,106	FALSE
-0,077	0,321	-0,002	0,010	0,073	FALSE
0,169	0,300	0,005	0,009	0,221	FALSE
0,173	0,306	0,004	0,008	0,245	FALSE
-0,012	0,299	0,000	0,011	0,004	FALSE
0,089	0,306	0,003	0,009	0,118	FALSE

-0,040	0,314	-0,002	0,013	0,044	FALSE
-0,018	0,321	-0,001	0,012	0,030	FALSE
0,084	0,301	0,003	0,008	0,137	FALSE
-0,145	0,291	-0,004	0,008	0,217	FALSE
0,055	0,311	0,002	0,013	0,050	FALSE
0,088	0,289	0,004	0,012	0,129	FALSE
0,082	0,300	0,004	0,013	0,116	FALSE
-0,057	0,298	-0,001	0,006	0,054	FALSE
0,138	0,316	0,005	0,013	0,169	FALSE
-0,006	0,303	0,000	0,008	0,010	FALSE
0,008	0,283	0,001	0,010	0,022	FALSE
-0,016	0,328	0,000	0,012	0,011	FALSE
0,031	0,307	0,001	0,008	0,048	FALSE
0,045	0,300	0,001	0,009	0,024	FALSE
0,022	0,308	0,000	0,012	0,012	FALSE
-0,044	0,304	-0,002	0,011	0,052	FALSE
0,023	0,308	0,000	0,010	0,015	FALSE
-0,007	0,309	0,000	0,007	0,009	FALSE
-0,081	0,301	-0,004	0,011	0,131	FALSE
-0,064	0,309	-0,002	0,009	0,084	FALSE
0,056	0,302	0,001	0,009	0,052	FALSE
-0,013	0,304	0,000	0,007	0,003	FALSE
-0,137	0,311	-0,005	0,011	0,206	FALSE
0,034	0,308	0,001	0,008	0,047	FALSE
0,092	0,316	0,003	0,011	0,126	FALSE
-0,073	0,326	-0,002	0,008	0,071	FALSE
0,017	0,304	0,000	0,011	0,000	FALSE
-0,008	0,308	-0,001	0,012	0,035	FALSE
0,002	0,314	0,000	0,008	0,010	FALSE
-0,014	0,302	-0,001	0,010	0,019	FALSE
0,165	0,308	0,003	0,006	0,235	FALSE
0,095	0,298	0,003	0,008	0,131	FALSE
0,012	0,315	0,000	0,008	0,006	FALSE
0,066	0,308	0,002	0,010	0,064	FALSE
0,023	0,306	0,001	0,012	0,020	FALSE
0,025	0,290	0,001	0,009	0,034	FALSE
-0,026	0,312	-0,001	0,007	0,027	FALSE
0,032	0,309	0,001	0,010	0,021	FALSE
-0,110	0,303	-0,004	0,010	0,153	FALSE
-0,157	0,297	-0,006	0,011	0,242	FALSE
0,097	0,293	0,001	0,006	0,092	FALSE
0,158	0,290	0,007	0,012	0,248	FALSE
0,129	0,299	0,004	0,008	0,194	FALSE
-0,075	0,314	-0,002	0,007	0,088	FALSE
0,035	0,313	0,002	0,012	0,056	FALSE
-0,115	0,296	-0,005	0,011	0,169	FALSE
0,124	0,305	0,003	0,008	0,176	FALSE
-0,165	0,308	-0,007	0,011	0,261	FALSE
0,115	0,303	0,002	0,007	0,133	FALSE
-0,056	0,321	-0,002	0,012	0,063	FALSE
-0,091	0,307	-0,004	0,011	0,125	FALSE
0,100	0,305	0,003	0,008	0,144	FALSE
0,037	0,312	0,001	0,010	0,022	FALSE

0,109	0,289	0,003	0,007	0,178	FALSE
-0,083	0,294	-0,004	0,012	0,134	FALSE
-0,026	0,318	0,000	0,008	0,015	FALSE
0,141	0,311	0,004	0,009	0,188	FALSE
0,005	0,313	0,000	0,012	0,008	FALSE
-0,140	0,285	-0,007	0,012	0,250	FALSE
0,118	0,321	0,005	0,013	0,159	FALSE
0,007	0,309	-0,001	0,012	0,028	FALSE
-0,092	0,300	-0,004	0,012	0,119	FALSE
-0,002	0,317	-0,001	0,012	0,030	FALSE
-0,034	0,306	-0,002	0,012	0,058	FALSE
0,005	0,314	0,000	0,012	0,009	FALSE
-0,025	0,294	-0,001	0,011	0,030	FALSE
-0,076	0,310	-0,003	0,011	0,109	FALSE
0,036	0,310	0,001	0,009	0,023	FALSE
-0,117	0,302	-0,004	0,012	0,144	FALSE
-0,084	0,300	-0,001	0,007	0,073	FALSE
0,102	0,302	0,004	0,010	0,156	FALSE
0,082	0,310	0,002	0,012	0,066	FALSE
-0,051	0,298	-0,001	0,011	0,032	FALSE
-0,040	0,312	-0,001	0,009	0,051	FALSE
0,002	0,295	0,000	0,012	0,008	FALSE
0,144	0,303	0,005	0,011	0,207	FALSE
0,006	0,315	0,000	0,007	0,005	FALSE
0,165	0,301	0,004	0,008	0,254	FALSE
-0,007	0,302	0,000	0,006	0,003	FALSE
0,017	0,310	0,000	0,006	0,003	FALSE
-0,039	0,314	-0,001	0,010	0,057	FALSE
0,070	0,304	0,002	0,008	0,101	FALSE
-0,079	0,320	-0,003	0,011	0,107	FALSE
0,080	0,303	0,004	0,012	0,137	FALSE
0,065	0,318	0,003	0,012	0,087	FALSE
0,081	0,304	0,004	0,012	0,142	FALSE
-0,061	0,303	-0,003	0,012	0,080	FALSE
0,007	0,298	0,000	0,008	0,021	FALSE
0,062	0,325	0,002	0,013	0,071	FALSE
-0,110	0,311	-0,004	0,009	0,172	FALSE
-0,045	0,300	-0,001	0,007	0,042	FALSE
-0,129	0,293	-0,005	0,011	0,175	FALSE
0,039	0,306	0,000	0,010	0,013	FALSE
-0,054	0,309	-0,002	0,011	0,077	FALSE
0,133	0,299	0,003	0,007	0,190	FALSE
0,023	0,317	0,000	0,009	0,019	FALSE
0,029	0,316	0,001	0,010	0,024	FALSE
-0,061	0,306	-0,001	0,006	0,041	FALSE
-0,157	0,313	-0,004	0,007	0,231	FALSE
-0,054	0,297	-0,001	0,006	0,069	FALSE
-0,039	0,295	-0,001	0,006	0,050	FALSE
0,097	0,315	0,004	0,013	0,126	FALSE
0,192	0,303	0,008	0,012	0,300	FALSE
-0,125	0,307	-0,004	0,010	0,158	FALSE
0,169	0,296	0,005	0,008	0,248	FALSE
-0,005	0,299	0,000	0,006	0,024	FALSE

0,120	0,293	0,005	0,012	0,149	FALSE
-0,023	0,309	-0,001	0,007	0,032	FALSE
0,014	0,310	0,000	0,008	0,011	FALSE
-0,001	0,316	0,000	0,008	0,007	FALSE
0,064	0,311	0,002	0,011	0,071	FALSE
0,045	0,318	0,001	0,007	0,050	FALSE
-0,073	0,313	-0,001	0,009	0,059	FALSE
0,057	0,314	0,002	0,014	0,066	FALSE
-0,019	0,304	0,000	0,007	0,007	FALSE
0,053	0,302	0,002	0,012	0,060	FALSE
0,022	0,301	0,001	0,012	0,018	FALSE
-0,019	0,311	-0,001	0,012	0,016	FALSE
0,001	0,300	0,000	0,007	0,026	FALSE
0,017	0,306	0,000	0,010	0,011	FALSE
0,079	0,306	0,003	0,010	0,119	FALSE
-0,019	0,307	0,000	0,008	0,015	FALSE
0,051	0,303	0,001	0,007	0,061	FALSE
-0,023	0,305	-0,001	0,006	0,034	FALSE
-0,143	0,298	-0,005	0,011	0,179	FALSE
0,082	0,301	0,002	0,007	0,142	FALSE
-0,078	0,312	-0,003	0,011	0,097	FALSE
-0,058	0,314	-0,002	0,007	0,099	FALSE
0,052	0,289	0,002	0,007	0,086	FALSE
-0,125	0,322	-0,003	0,007	0,166	FALSE
-0,017	0,289	0,000	0,006	0,003	FALSE
0,084	0,302	0,004	0,011	0,130	FALSE
-0,149	0,302	-0,008	0,013	0,262	FALSE
0,087	0,311	0,002	0,008	0,111	FALSE
-0,019	0,317	-0,001	0,007	0,031	FALSE
-0,010	0,305	0,000	0,007	0,012	FALSE
-0,106	0,302	-0,005	0,013	0,161	FALSE
-0,146	0,307	-0,005	0,012	0,173	FALSE
0,109	0,303	0,002	0,006	0,157	FALSE
-0,178	0,303	-0,004	0,006	0,249	FALSE
-0,129	0,297	-0,004	0,008	0,193	FALSE
-0,015	0,315	-0,001	0,008	0,032	FALSE
-0,062	0,308	-0,002	0,010	0,078	FALSE
-0,061	0,301	-0,003	0,012	0,085	FALSE
0,012	0,308	0,000	0,010	0,012	FALSE
-0,061	0,304	-0,002	0,009	0,071	FALSE
0,080	0,316	0,002	0,011	0,069	FALSE
-0,107	0,302	-0,004	0,011	0,153	FALSE
0,044	0,307	0,000	0,009	0,012	FALSE
-0,109	0,307	-0,003	0,008	0,155	FALSE
0,034	0,307	0,001	0,010	0,029	FALSE
0,045	0,301	0,002	0,010	0,071	FALSE
0,063	0,302	0,002	0,008	0,072	FALSE
-0,045	0,308	-0,002	0,011	0,069	FALSE
-0,033	0,300	-0,001	0,010	0,047	FALSE
-0,055	0,307	-0,003	0,011	0,118	FALSE
0,018	0,310	0,000	0,008	0,021	FALSE
0,004	0,325	0,001	0,012	0,032	FALSE
0,019	0,318	0,001	0,009	0,029	FALSE

0,105	0,311	0,003	0,011	0,110	FALSE
-0,072	0,315	-0,002	0,009	0,098	FALSE
0,075	0,316	0,002	0,009	0,104	FALSE
-0,134	0,303	-0,004	0,009	0,168	FALSE
-0,051	0,294	-0,001	0,009	0,042	FALSE
-0,050	0,306	-0,001	0,008	0,052	FALSE
-0,078	0,301	-0,002	0,008	0,102	FALSE
-0,162	0,293	-0,004	0,007	0,226	FALSE
0,092	0,301	0,005	0,012	0,152	FALSE
0,009	0,321	0,000	0,008	0,009	FALSE
-0,073	0,315	-0,002	0,010	0,072	FALSE
-0,025	0,304	-0,001	0,006	0,049	FALSE
-0,072	0,310	-0,001	0,007	0,081	FALSE
-0,065	0,299	-0,001	0,006	0,077	FALSE
0,014	0,302	0,001	0,008	0,031	FALSE
0,030	0,294	0,002	0,012	0,060	FALSE
0,076	0,311	0,004	0,013	0,132	FALSE
-0,055	0,303	-0,001	0,007	0,043	FALSE
0,100	0,297	0,003	0,010	0,134	FALSE
-0,107	0,312	-0,003	0,009	0,119	FALSE
0,079	0,304	0,003	0,012	0,086	FALSE
0,090	0,308	0,003	0,012	0,110	FALSE
0,134	0,301	0,005	0,012	0,165	FALSE
-0,016	0,303	0,000	0,012	0,008	FALSE
-0,104	0,307	-0,005	0,013	0,144	FALSE
0,015	0,303	0,000	0,006	0,003	FALSE
-0,099	0,292	-0,003	0,009	0,146	FALSE
-0,096	0,304	-0,003	0,009	0,133	FALSE
-0,099	0,308	-0,003	0,008	0,145	FALSE
0,006	0,309	0,000	0,012	0,003	FALSE
-0,014	0,318	0,000	0,007	0,024	FALSE
0,017	0,310	0,001	0,012	0,028	FALSE
-0,005	0,324	0,001	0,013	0,023	FALSE
0,029	0,315	0,002	0,012	0,073	FALSE
0,015	0,298	0,000	0,008	0,010	FALSE
-0,068	0,320	-0,002	0,010	0,056	FALSE
-0,129	0,323	-0,003	0,008	0,145	FALSE
-0,085	0,321	-0,003	0,013	0,098	FALSE
-0,018	0,306	-0,001	0,008	0,024	FALSE
-0,012	0,308	0,000	0,007	0,003	FALSE
-0,147	0,313	-0,005	0,012	0,169	FALSE
-0,033	0,304	-0,001	0,013	0,019	FALSE
0,179	0,311	0,004	0,007	0,215	FALSE
0,030	0,309	0,000	0,007	0,016	FALSE
-0,014	0,308	-0,001	0,013	0,042	FALSE
-0,016	0,308	0,000	0,006	0,010	FALSE
-0,024	0,291	0,000	0,007	0,004	FALSE
-0,064	0,308	-0,001	0,007	0,063	FALSE
-0,120	0,287	-0,004	0,010	0,171	FALSE
-0,096	0,308	-0,004	0,013	0,129	FALSE
-0,076	0,308	-0,003	0,012	0,102	FALSE
-0,051	0,298	-0,002	0,012	0,064	FALSE
-0,024	0,305	-0,001	0,012	0,015	FALSE

-0,074	0,306	-0,003	0,011	0,127	FALSE
-0,060	0,303	-0,001	0,013	0,036	FALSE
-0,079	0,310	-0,002	0,010	0,085	FALSE
0,043	0,304	0,002	0,012	0,053	FALSE
-0,130	0,301	-0,004	0,008	0,186	FALSE
-0,083	0,305	-0,003	0,011	0,110	FALSE
-0,014	0,302	0,000	0,007	0,020	FALSE
0,021	0,303	0,000	0,011	0,012	FALSE
-0,008	0,309	0,000	0,009	0,013	FALSE
0,005	0,320	0,001	0,011	0,034	FALSE
-0,053	0,295	-0,001	0,007	0,051	FALSE
0,059	0,309	0,001	0,007	0,079	FALSE
0,048	0,310	0,002	0,009	0,071	FALSE
0,055	0,310	0,002	0,011	0,052	FALSE
-0,149	0,301	-0,006	0,013	0,193	FALSE
-0,118	0,303	-0,004	0,012	0,135	FALSE
-0,107	0,292	-0,004	0,012	0,133	FALSE
0,022	0,303	0,001	0,011	0,033	FALSE
0,166	0,286	0,008	0,012	0,268	FALSE
-0,065	0,319	-0,002	0,009	0,077	FALSE
0,021	0,303	0,000	0,007	0,026	FALSE
0,108	0,324	0,003	0,008	0,128	FALSE
0,050	0,301	0,001	0,007	0,060	FALSE
0,154	0,301	0,006	0,011	0,227	FALSE
-0,055	0,308	-0,001	0,008	0,054	FALSE
-0,027	0,289	0,000	0,007	0,010	FALSE
0,113	0,305	0,004	0,011	0,154	FALSE
0,002	0,310	0,000	0,009	0,012	FALSE
0,064	0,303	0,002	0,013	0,051	FALSE
0,029	0,305	0,000	0,012	0,012	FALSE
0,087	0,302	0,003	0,010	0,128	FALSE
-0,025	0,306	-0,001	0,010	0,041	FALSE
-0,011	0,310	0,000	0,011	0,004	FALSE
0,010	0,300	0,001	0,008	0,035	FALSE
0,028	0,304	0,001	0,008	0,050	FALSE
0,058	0,303	0,002	0,008	0,094	FALSE
-0,031	0,292	-0,001	0,011	0,045	FALSE
-0,038	0,303	-0,002	0,012	0,059	FALSE
0,118	0,305	0,003	0,008	0,146	FALSE
-0,045	0,302	-0,001	0,009	0,047	FALSE
0,081	0,304	0,002	0,006	0,099	FALSE
-0,034	0,302	-0,002	0,011	0,055	FALSE
-0,031	0,310	-0,002	0,011	0,059	FALSE
0,088	0,295	0,003	0,010	0,130	FALSE
-0,155	0,308	-0,004	0,007	0,219	FALSE
-0,088	0,297	-0,004	0,012	0,120	FALSE
0,012	0,306	0,001	0,011	0,019	FALSE
0,020	0,292	0,000	0,007	0,024	FALSE
-0,022	0,309	-0,002	0,012	0,051	FALSE
0,045	0,312	0,002	0,011	0,056	FALSE
0,070	0,309	0,002	0,009	0,071	FALSE
0,062	0,305	0,003	0,011	0,105	FALSE
-0,068	0,307	-0,003	0,012	0,085	FALSE

-0,147	0,294	-0,005	0,008	0,231	FALSE
-0,054	0,297	-0,001	0,008	0,046	FALSE
0,010	0,307	0,001	0,012	0,017	FALSE
-0,193	0,289	-0,005	0,008	0,275	FALSE
-0,095	0,291	-0,004	0,010	0,139	FALSE
-0,053	0,302	-0,001	0,006	0,064	FALSE
0,031	0,321	0,001	0,011	0,031	FALSE
-0,066	0,308	-0,003	0,010	0,116	FALSE
0,098	0,302	0,002	0,007	0,132	FALSE
-0,089	0,323	-0,004	0,013	0,135	FALSE
0,055	0,307	0,002	0,010	0,059	FALSE
0,109	0,312	0,004	0,013	0,131	FALSE
-0,058	0,297	-0,001	0,006	0,050	FALSE
0,057	0,308	0,001	0,013	0,043	FALSE
-0,100	0,316	-0,004	0,010	0,160	FALSE
0,057	0,284	0,001	0,009	0,048	FALSE
0,030	0,316	0,002	0,012	0,064	FALSE
-0,071	0,299	-0,003	0,011	0,101	FALSE
-0,027	0,316	-0,001	0,009	0,021	FALSE
-0,089	0,298	-0,005	0,012	0,152	FALSE
0,092	0,300	0,002	0,007	0,098	FALSE
0,060	0,287	0,002	0,008	0,095	FALSE
-0,028	0,283	-0,001	0,013	0,037	FALSE
-0,037	0,306	-0,002	0,012	0,074	FALSE
0,051	0,308	0,002	0,013	0,053	FALSE
0,034	0,292	0,002	0,012	0,053	FALSE
-0,018	0,302	0,001	0,009	0,028	FALSE
-0,006	0,307	-0,001	0,008	0,028	FALSE
-0,099	0,304	-0,003	0,008	0,144	FALSE
0,022	0,304	0,001	0,007	0,048	FALSE
0,139	0,306	0,004	0,007	0,203	FALSE
-0,020	0,302	-0,001	0,007	0,047	FALSE
-0,060	0,304	-0,002	0,007	0,086	FALSE
0,136	0,300	0,004	0,008	0,204	FALSE
-0,094	0,310	-0,004	0,010	0,155	FALSE
-0,088	0,304	-0,004	0,010	0,137	FALSE
-0,108	0,311	-0,005	0,010	0,176	FALSE
0,039	0,314	0,001	0,011	0,038	FALSE
0,000	0,310	0,000	0,012	0,008	FALSE
0,020	0,299	0,000	0,006	0,014	FALSE
-0,061	0,318	-0,002	0,012	0,078	FALSE
-0,066	0,300	-0,001	0,007	0,064	FALSE
-0,100	0,292	-0,003	0,008	0,154	FALSE
-0,063	0,303	-0,001	0,008	0,043	FALSE
-0,170	0,301	-0,007	0,013	0,251	FALSE
0,089	0,312	0,003	0,012	0,115	FALSE
0,015	0,299	0,000	0,006	0,010	FALSE
0,046	0,302	0,002	0,013	0,052	FALSE
0,037	0,310	0,001	0,008	0,055	FALSE
0,090	0,309	0,003	0,010	0,115	FALSE
0,109	0,311	0,004	0,010	0,138	FALSE
0,070	0,312	0,003	0,012	0,095	FALSE
-0,003	0,301	0,001	0,010	0,030	FALSE

0,016	0,299	0,001	0,009	0,049	FALSE
0,024	0,317	0,001	0,008	0,038	FALSE
0,130	0,307	0,005	0,010	0,199	FALSE
0,032	0,299	0,001	0,012	0,035	FALSE
0,040	0,294	0,001	0,012	0,039	FALSE
-0,006	0,314	0,001	0,007	0,034	FALSE
-0,093	0,314	-0,003	0,010	0,115	FALSE
0,072	0,308	0,003	0,008	0,118	FALSE
0,158	0,305	0,004	0,010	0,189	FALSE
0,124	0,314	0,005	0,012	0,154	FALSE
0,035	0,321	0,001	0,008	0,048	FALSE
0,056	0,312	0,002	0,008	0,075	FALSE
0,060	0,291	0,001	0,006	0,078	FALSE
0,083	0,304	0,002	0,008	0,106	FALSE
-0,002	0,308	0,000	0,010	0,005	FALSE
0,003	0,297	0,001	0,011	0,021	FALSE
-0,027	0,295	-0,001	0,010	0,027	FALSE
-0,140	0,299	-0,003	0,007	0,190	FALSE
-0,114	0,320	-0,003	0,007	0,144	FALSE
-0,042	0,307	-0,002	0,012	0,051	FALSE
-0,014	0,302	0,000	0,012	0,011	FALSE
-0,040	0,307	-0,002	0,010	0,066	FALSE
-0,024	0,305	0,000	0,008	0,019	FALSE
0,111	0,294	0,003	0,010	0,129	FALSE
0,067	0,293	0,002	0,011	0,070	FALSE
-0,181	0,310	-0,006	0,011	0,230	FALSE
0,056	0,312	0,001	0,006	0,084	FALSE
-0,140	0,317	-0,004	0,009	0,167	FALSE
-0,011	0,316	-0,001	0,012	0,037	FALSE
-0,015	0,314	-0,001	0,012	0,029	FALSE
0,023	0,305	0,001	0,012	0,046	FALSE
-0,022	0,297	-0,001	0,009	0,051	FALSE
-0,055	0,313	-0,002	0,009	0,066	FALSE
-0,069	0,301	-0,001	0,006	0,056	FALSE
-0,027	0,317	-0,001	0,010	0,030	FALSE
-0,032	0,312	-0,001	0,010	0,033	FALSE
0,086	0,303	0,003	0,012	0,103	FALSE
0,070	0,312	0,002	0,009	0,089	FALSE
-0,001	0,306	0,000	0,012	0,011	FALSE
0,002	0,300	0,000	0,012	0,010	FALSE
-0,025	0,308	-0,001	0,011	0,028	FALSE
-0,081	0,294	-0,005	0,013	0,144	FALSE
-0,073	0,294	-0,002	0,008	0,087	FALSE
-0,034	0,301	0,000	0,007	0,007	FALSE
-0,037	0,293	-0,002	0,010	0,073	FALSE
0,000	0,303	0,001	0,010	0,026	FALSE
0,107	0,303	0,005	0,011	0,179	FALSE
0,098	0,317	0,004	0,011	0,132	FALSE
-0,050	0,311	-0,003	0,013	0,077	FALSE
0,005	0,311	0,000	0,007	0,006	FALSE
-0,089	0,309	-0,004	0,012	0,123	FALSE
-0,109	0,301	-0,005	0,011	0,171	FALSE
-0,076	0,307	-0,001	0,008	0,060	FALSE

-0,127	0,303	-0,005	0,011	0,202	FALSE
-0,161	0,310	-0,006	0,012	0,206	FALSE
0,087	0,296	0,002	0,007	0,122	FALSE
-0,017	0,314	-0,001	0,009	0,038	FALSE
-0,126	0,302	-0,003	0,006	0,186	FALSE
0,152	0,298	0,004	0,008	0,190	FALSE
-0,086	0,320	-0,004	0,013	0,105	FALSE
0,019	0,326	0,000	0,013	0,007	FALSE
-0,041	0,312	-0,002	0,011	0,062	FALSE
-0,016	0,296	0,000	0,007	0,010	FALSE
0,190	0,303	0,007	0,012	0,272	FALSE
0,052	0,297	0,002	0,010	0,066	FALSE
0,164	0,306	0,007	0,012	0,244	FALSE
0,053	0,299	0,001	0,008	0,061	FALSE
0,009	0,311	0,000	0,011	0,005	FALSE
-0,032	0,294	-0,001	0,008	0,026	FALSE
0,028	0,319	0,001	0,011	0,035	FALSE
-0,005	0,303	0,000	0,011	0,004	FALSE
0,113	0,307	0,004	0,012	0,147	FALSE
0,013	0,299	0,000	0,008	0,020	FALSE
0,064	0,312	0,003	0,012	0,086	FALSE
-0,044	0,319	-0,002	0,014	0,055	FALSE
0,067	0,298	0,002	0,007	0,118	FALSE
0,073	0,296	0,002	0,007	0,112	FALSE
-0,040	0,303	-0,001	0,008	0,046	FALSE
-0,085	0,298	-0,002	0,009	0,092	FALSE
-0,127	0,318	-0,004	0,009	0,168	FALSE
-0,069	0,307	-0,003	0,011	0,112	FALSE
-0,021	0,315	-0,001	0,011	0,032	FALSE
0,040	0,316	0,001	0,007	0,069	FALSE
-0,126	0,295	-0,005	0,011	0,179	FALSE
0,025	0,300	0,001	0,010	0,033	FALSE
0,022	0,304	0,001	0,008	0,035	FALSE
-0,019	0,308	0,000	0,007	0,009	FALSE
-0,079	0,313	-0,004	0,012	0,120	FALSE
-0,034	0,313	-0,001	0,007	0,039	FALSE
0,019	0,311	0,000	0,007	0,024	FALSE
0,058	0,313	0,001	0,010	0,034	FALSE
-0,245	0,286	-0,007	0,008	0,409	FALSE
-0,062	0,305	-0,003	0,013	0,076	FALSE
-0,077	0,299	-0,003	0,012	0,086	FALSE
-0,088	0,317	-0,003	0,012	0,103	FALSE
-0,036	0,315	-0,001	0,013	0,030	FALSE
0,083	0,310	0,002	0,007	0,107	FALSE
0,062	0,304	0,001	0,006	0,042	FALSE
0,115	0,288	0,004	0,009	0,204	FALSE
-0,065	0,319	-0,003	0,011	0,103	FALSE
0,010	0,310	0,001	0,011	0,020	FALSE
-0,043	0,299	-0,001	0,009	0,041	FALSE
0,134	0,314	0,004	0,009	0,200	FALSE
0,108	0,312	0,003	0,009	0,142	FALSE
-0,165	0,300	-0,007	0,013	0,224	FALSE
-0,020	0,316	-0,001	0,012	0,037	FALSE

-0,062	0,300	-0,003	0,012	0,097	FALSE
0,144	0,294	0,004	0,007	0,235	FALSE
0,085	0,326	0,003	0,010	0,094	FALSE
0,068	0,301	0,001	0,006	0,089	FALSE
-0,093	0,311	-0,002	0,007	0,129	FALSE
0,098	0,307	0,002	0,008	0,119	FALSE
0,111	0,291	0,005	0,012	0,162	FALSE
0,009	0,315	0,000	0,010	0,010	FALSE
-0,046	0,292	-0,001	0,007	0,047	FALSE
-0,010	0,300	0,000	0,008	0,009	FALSE
0,061	0,324	0,002	0,011	0,078	FALSE
-0,065	0,309	-0,002	0,007	0,082	FALSE
-0,053	0,302	-0,002	0,010	0,063	FALSE
-0,012	0,324	0,000	0,009	0,008	FALSE
-0,021	0,312	-0,001	0,012	0,035	FALSE
-0,117	0,315	-0,003	0,009	0,154	FALSE
0,064	0,282	0,003	0,011	0,086	FALSE
0,024	0,293	0,001	0,012	0,029	FALSE
-0,054	0,305	-0,002	0,010	0,080	FALSE
-0,007	0,299	0,000	0,013	0,004	FALSE
0,125	0,280	0,005	0,012	0,181	FALSE
0,103	0,298	0,002	0,007	0,128	FALSE
-0,048	0,296	-0,003	0,011	0,090	FALSE
0,066	0,301	0,002	0,008	0,070	FALSE
-0,024	0,316	0,000	0,008	0,010	FALSE
0,113	0,309	0,003	0,009	0,131	FALSE
-0,100	0,303	-0,002	0,008	0,110	FALSE
0,130	0,299	0,003	0,006	0,197	FALSE
-0,062	0,318	-0,001	0,007	0,078	FALSE
0,052	0,311	0,002	0,013	0,065	FALSE
0,082	0,305	0,004	0,012	0,110	FALSE
0,067	0,306	0,003	0,012	0,092	FALSE
0,062	0,306	0,003	0,012	0,083	FALSE
-0,098	0,309	-0,004	0,010	0,140	FALSE
-0,011	0,317	0,000	0,007	0,017	FALSE
-0,015	0,295	-0,001	0,013	0,015	FALSE
-0,046	0,320	-0,001	0,011	0,044	FALSE
-0,018	0,310	-0,001	0,009	0,024	FALSE
-0,004	0,307	0,000	0,013	0,012	FALSE
-0,062	0,300	-0,001	0,008	0,055	FALSE
-0,033	0,314	-0,001	0,009	0,023	FALSE
0,036	0,309	0,001	0,009	0,028	FALSE
0,049	0,299	0,001	0,008	0,045	FALSE
0,027	0,288	0,001	0,009	0,023	FALSE
-0,090	0,310	-0,002	0,009	0,078	FALSE
0,070	0,301	0,002	0,010	0,078	FALSE
0,012	0,323	0,000	0,010	0,001	FALSE
-0,005	0,305	0,000	0,013	0,001	FALSE
0,081	0,311	0,002	0,007	0,129	FALSE
0,033	0,305	0,001	0,008	0,058	FALSE
0,123	0,312	0,004	0,008	0,192	FALSE
-0,093	0,285	-0,002	0,009	0,101	FALSE
0,191	0,296	0,005	0,008	0,304	FALSE

-0,014	0,306	-0,001	0,008	0,025	FALSE
0,083	0,308	0,003	0,012	0,109	FALSE
-0,049	0,308	-0,002	0,009	0,085	FALSE
-0,042	0,316	-0,002	0,008	0,072	FALSE
-0,061	0,308	-0,001	0,008	0,065	FALSE
0,032	0,300	0,000	0,006	0,021	FALSE
-0,073	0,308	-0,002	0,011	0,081	FALSE
-0,019	0,314	-0,001	0,009	0,025	FALSE
0,177	0,293	0,007	0,011	0,259	FALSE
-0,227	0,280	-0,008	0,010	0,397	FALSE
-0,071	0,309	-0,002	0,007	0,105	FALSE
-0,009	0,323	0,000	0,010	0,010	FALSE
0,023	0,312	0,001	0,013	0,014	FALSE
0,004	0,309	0,000	0,007	0,004	FALSE
0,065	0,312	0,002	0,013	0,065	FALSE
0,004	0,310	0,000	0,013	0,000	FALSE
0,057	0,308	0,002	0,011	0,073	FALSE
0,006	0,312	0,000	0,013	0,007	FALSE
-0,029	0,316	-0,001	0,012	0,037	FALSE
-0,024	0,299	-0,001	0,010	0,021	FALSE
-0,003	0,296	0,000	0,007	0,009	FALSE
-0,032	0,308	-0,001	0,007	0,040	FALSE
-0,017	0,318	0,000	0,009	0,001	FALSE
0,069	0,310	0,002	0,008	0,095	FALSE
0,000	0,316	0,000	0,007	0,011	FALSE
0,086	0,314	0,002	0,010	0,085	FALSE
-0,031	0,300	0,000	0,006	0,020	FALSE
0,107	0,309	0,003	0,008	0,139	FALSE
0,140	0,313	0,003	0,007	0,153	FALSE
-0,090	0,313	-0,004	0,012	0,139	FALSE
0,066	0,296	0,003	0,012	0,079	FALSE
-0,019	0,301	0,000	0,006	0,020	FALSE
0,042	0,298	0,001	0,010	0,038	FALSE
0,139	0,303	0,006	0,013	0,208	FALSE
0,046	0,303	0,002	0,008	0,072	FALSE
0,045	0,304	0,002	0,008	0,075	FALSE
0,056	0,290	0,002	0,008	0,088	FALSE
0,012	0,307	0,000	0,010	0,003	FALSE
0,024	0,312	0,000	0,010	0,008	FALSE
-0,033	0,300	0,000	0,009	0,017	FALSE
0,018	0,314	0,001	0,012	0,040	FALSE
-0,066	0,307	-0,003	0,012	0,106	FALSE
0,077	0,303	0,002	0,008	0,096	FALSE
-0,048	0,307	-0,002	0,009	0,081	FALSE
0,040	0,296	0,001	0,006	0,051	FALSE
-0,027	0,302	-0,001	0,006	0,044	FALSE
-0,014	0,306	-0,001	0,010	0,027	FALSE
-0,223	0,294	-0,010	0,013	0,375	FALSE
-0,265	0,277	-0,010	0,010	0,475	FALSE
-0,255	0,277	-0,010	0,010	0,474	FALSE
-0,068	0,290	-0,003	0,011	0,095	FALSE
0,193	0,298	0,007	0,009	0,329	FALSE
-0,161	0,293	-0,007	0,013	0,230	FALSE

0,074	0,307	0,001	0,007	0,059	FALSE
-0,003	0,317	-0,001	0,012	0,037	FALSE
-0,039	0,316	-0,002	0,013	0,068	FALSE
0,013	0,309	0,001	0,012	0,016	FALSE
0,115	0,306	0,002	0,007	0,132	FALSE
0,066	0,313	0,003	0,012	0,086	FALSE
0,078	0,314	0,002	0,008	0,100	FALSE
-0,113	0,293	-0,003	0,007	0,148	FALSE
0,044	0,297	0,001	0,006	0,074	FALSE
-0,015	0,313	0,000	0,007	0,001	FALSE
0,024	0,303	0,001	0,010	0,029	FALSE
0,060	0,307	0,002	0,012	0,056	FALSE
0,062	0,310	0,002	0,010	0,094	FALSE
0,044	0,303	0,002	0,009	0,076	FALSE
0,104	0,299	0,005	0,012	0,158	FALSE
-0,048	0,303	-0,001	0,008	0,040	FALSE
0,025	0,332	0,001	0,011	0,036	FALSE
0,005	0,287	0,000	0,009	0,008	FALSE
0,031	0,307	0,001	0,013	0,030	FALSE
-0,122	0,298	-0,004	0,011	0,155	FALSE
-0,006	0,313	0,000	0,012	0,009	FALSE
-0,091	0,301	-0,002	0,007	0,102	FALSE
0,142	0,303	0,006	0,013	0,186	FALSE
-0,005	0,291	0,000	0,006	0,021	FALSE
0,029	0,303	0,001	0,010	0,050	FALSE
0,032	0,308	0,001	0,006	0,061	FALSE
-0,007	0,320	-0,001	0,007	0,034	FALSE
-0,074	0,317	-0,003	0,008	0,122	FALSE
-0,076	0,322	-0,002	0,008	0,116	FALSE
0,098	0,310	0,002	0,008	0,120	FALSE
-0,166	0,322	-0,004	0,007	0,226	FALSE
-0,081	0,311	-0,003	0,012	0,112	FALSE
-0,079	0,322	-0,003	0,011	0,090	FALSE
-0,127	0,303	-0,005	0,011	0,179	FALSE
0,169	0,310	0,005	0,009	0,253	FALSE
-0,066	0,309	-0,002	0,010	0,079	FALSE
-0,062	0,308	-0,003	0,010	0,092	FALSE
-0,078	0,311	-0,003	0,010	0,112	FALSE
0,081	0,297	0,002	0,008	0,105	FALSE
0,087	0,310	0,003	0,008	0,123	FALSE
-0,121	0,323	-0,003	0,008	0,137	FALSE
0,042	0,303	0,002	0,009	0,067	FALSE
0,023	0,313	0,000	0,011	0,012	FALSE
0,100	0,308	0,003	0,008	0,135	FALSE
0,176	0,296	0,004	0,007	0,234	FALSE
-0,066	0,302	-0,002	0,012	0,078	FALSE
-0,070	0,306	-0,003	0,012	0,081	FALSE
0,034	0,324	0,001	0,011	0,036	FALSE
-0,030	0,316	-0,001	0,012	0,030	FALSE
-0,087	0,322	-0,003	0,009	0,113	FALSE
-0,025	0,299	-0,001	0,013	0,035	FALSE
0,058	0,310	0,001	0,006	0,065	FALSE
-0,077	0,311	-0,004	0,013	0,117	FALSE

0,034	0,302	0,002	0,011	0,055	FALSE
0,029	0,296	0,002	0,009	0,086	FALSE
0,042	0,291	0,001	0,011	0,049	FALSE
0,087	0,296	0,002	0,008	0,124	FALSE
0,113	0,320	0,004	0,009	0,172	FALSE
0,039	0,301	0,002	0,012	0,062	FALSE
0,022	0,294	0,001	0,007	0,044	FALSE
-0,148	0,298	-0,003	0,007	0,197	FALSE
0,152	0,297	0,006	0,009	0,253	FALSE
-0,015	0,304	-0,001	0,009	0,040	FALSE
0,065	0,313	0,003	0,011	0,105	FALSE
0,073	0,314	0,003	0,011	0,110	FALSE
0,067	0,309	0,001	0,008	0,068	FALSE
0,075	0,307	0,004	0,013	0,107	FALSE
0,129	0,311	0,004	0,008	0,184	FALSE
-0,114	0,311	-0,003	0,007	0,146	FALSE
0,071	0,304	0,001	0,006	0,085	FALSE
0,198	0,286	0,005	0,008	0,262	FALSE
-0,062	0,309	-0,001	0,007	0,059	FALSE
-0,043	0,302	-0,001	0,012	0,039	FALSE
0,075	0,311	0,002	0,008	0,078	FALSE
-0,081	0,298	-0,002	0,007	0,113	FALSE
0,168	0,310	0,006	0,011	0,243	FALSE
0,067	0,304	0,003	0,012	0,092	FALSE
0,073	0,311	0,002	0,007	0,081	FALSE
-0,031	0,321	-0,001	0,008	0,039	FALSE
0,009	0,308	0,001	0,008	0,026	FALSE
-0,013	0,297	0,000	0,006	0,001	FALSE
-0,007	0,311	0,000	0,009	0,008	FALSE
0,070	0,305	0,002	0,006	0,111	FALSE
0,080	0,308	0,003	0,009	0,129	FALSE
0,009	0,307	0,000	0,009	0,011	FALSE
-0,018	0,303	0,000	0,007	0,019	FALSE
-0,005	0,309	0,000	0,011	0,006	FALSE
0,023	0,313	0,001	0,012	0,021	FALSE
0,027	0,312	0,001	0,011	0,039	FALSE
0,082	0,305	0,002	0,009	0,100	FALSE
-0,141	0,322	-0,003	0,008	0,147	FALSE
-0,141	0,314	-0,003	0,008	0,160	FALSE
0,092	0,307	0,003	0,010	0,101	FALSE
0,031	0,313	0,001	0,011	0,036	FALSE
0,066	0,298	0,002	0,008	0,100	FALSE
0,003	0,317	0,001	0,011	0,028	FALSE
-0,016	0,313	0,000	0,008	0,006	FALSE
0,051	0,293	0,002	0,006	0,117	FALSE
0,075	0,312	0,002	0,010	0,092	FALSE
-0,058	0,305	-0,002	0,010	0,075	FALSE
-0,037	0,302	-0,001	0,008	0,025	FALSE
0,078	0,304	0,002	0,007	0,103	FALSE
-0,003	0,312	-0,001	0,007	0,041	FALSE
-0,001	0,316	-0,001	0,013	0,028	FALSE
0,030	0,306	0,000	0,012	0,001	FALSE
0,022	0,293	0,000	0,012	0,008	FALSE

0,023	0,308	0,001	0,007	0,044	FALSE
0,077	0,307	0,002	0,007	0,102	FALSE
-0,081	0,311	-0,004	0,012	0,115	FALSE
-0,029	0,288	-0,001	0,012	0,035	FALSE
-0,023	0,295	-0,001	0,012	0,019	FALSE
0,117	0,303	0,004	0,008	0,178	FALSE
0,056	0,310	0,002	0,009	0,073	FALSE
-0,005	0,303	0,000	0,012	0,011	FALSE
0,056	0,307	0,001	0,008	0,071	FALSE
0,064	0,299	0,002	0,008	0,114	FALSE
-0,052	0,309	-0,001	0,006	0,084	FALSE
0,053	0,310	0,001	0,009	0,052	FALSE
0,044	0,307	0,002	0,009	0,075	FALSE
0,022	0,316	0,001	0,012	0,041	FALSE
-0,034	0,310	-0,001	0,007	0,043	FALSE
-0,015	0,298	-0,001	0,007	0,027	FALSE
-0,051	0,313	-0,001	0,011	0,046	FALSE
0,067	0,294	0,004	0,013	0,109	FALSE
-0,062	0,302	-0,002	0,008	0,076	FALSE
0,047	0,304	0,002	0,011	0,071	FALSE
-0,062	0,298	-0,001	0,006	0,064	FALSE
0,110	0,292	0,004	0,009	0,187	FALSE
-0,020	0,298	0,000	0,008	0,023	FALSE
0,065	0,298	0,003	0,012	0,096	FALSE
0,051	0,291	0,002	0,010	0,065	FALSE
0,074	0,294	0,002	0,008	0,111	FALSE
-0,002	0,307	0,000	0,009	0,019	FALSE
-0,068	0,293	-0,001	0,008	0,051	FALSE
0,082	0,304	0,002	0,008	0,067	FALSE
-0,031	0,315	-0,001	0,009	0,035	FALSE
-0,053	0,292	-0,002	0,008	0,079	FALSE
-0,144	0,302	-0,004	0,008	0,202	FALSE
-0,013	0,302	0,000	0,006	0,005	FALSE
0,025	0,288	0,000	0,009	0,009	FALSE
-0,092	0,302	-0,002	0,008	0,088	FALSE
0,027	0,311	0,001	0,010	0,027	FALSE
-0,064	0,320	-0,002	0,008	0,085	FALSE
-0,005	0,289	-0,001	0,012	0,036	FALSE
0,139	0,304	0,006	0,011	0,209	FALSE
-0,107	0,300	-0,002	0,008	0,125	FALSE
0,176	0,291	0,008	0,012	0,286	FALSE
0,122	0,304	0,003	0,007	0,194	FALSE
0,080	0,298	0,003	0,009	0,125	FALSE
0,034	0,307	0,001	0,009	0,042	FALSE
0,078	0,308	0,003	0,012	0,088	FALSE
0,044	0,313	0,001	0,010	0,039	FALSE
0,017	0,299	0,000	0,013	0,005	FALSE
0,120	0,305	0,004	0,008	0,189	FALSE
-0,078	0,293	-0,004	0,013	0,142	FALSE
-0,071	0,304	-0,003	0,009	0,116	FALSE
0,086	0,304	0,002	0,006	0,094	FALSE
0,071	0,303	0,002	0,008	0,109	FALSE
-0,009	0,310	-0,001	0,012	0,028	FALSE

0,077	0,307	0,001	0,008	0,059	FALSE
-0,104	0,303	-0,005	0,013	0,148	FALSE
0,076	0,305	0,002	0,007	0,104	FALSE
-0,033	0,304	-0,001	0,007	0,074	FALSE
-0,044	0,307	-0,001	0,007	0,063	FALSE
-0,010	0,297	0,000	0,006	0,001	FALSE
-0,108	0,310	-0,003	0,007	0,156	FALSE
-0,003	0,297	0,000	0,012	0,002	FALSE
0,130	0,308	0,003	0,007	0,188	FALSE
-0,096	0,305	-0,002	0,008	0,122	FALSE
0,008	0,284	0,000	0,008	0,003	FALSE
0,041	0,298	0,001	0,008	0,042	FALSE
-0,025	0,303	0,000	0,006	0,023	FALSE
-0,019	0,311	0,000	0,007	0,019	FALSE
0,032	0,305	0,000	0,007	0,026	FALSE
-0,106	0,289	-0,004	0,010	0,135	FALSE
0,018	0,312	0,000	0,007	0,014	FALSE
0,052	0,298	0,001	0,009	0,056	FALSE
-0,158	0,312	-0,003	0,007	0,202	FALSE
-0,101	0,296	-0,002	0,006	0,151	FALSE
-0,066	0,305	-0,003	0,013	0,087	FALSE
-0,099	0,333	-0,002	0,007	0,128	FALSE
0,098	0,305	0,004	0,009	0,176	FALSE
-0,058	0,306	-0,003	0,013	0,099	FALSE
-0,040	0,295	-0,001	0,010	0,046	FALSE
-0,052	0,299	-0,002	0,010	0,068	FALSE
0,020	0,287	0,002	0,012	0,048	FALSE
-0,060	0,316	-0,002	0,007	0,084	FALSE
-0,043	0,302	-0,001	0,012	0,044	FALSE
0,067	0,324	0,002	0,009	0,087	FALSE
0,088	0,315	0,003	0,010	0,111	FALSE
0,034	0,292	0,002	0,010	0,062	FALSE
-0,202	0,298	-0,008	0,012	0,297	FALSE
-0,180	0,305	-0,007	0,012	0,258	FALSE
-0,094	0,308	-0,002	0,008	0,110	FALSE
-0,196	0,307	-0,007	0,009	0,312	FALSE
0,042	0,310	0,001	0,010	0,051	FALSE
-0,017	0,311	0,000	0,007	0,020	FALSE
-0,082	0,317	-0,002	0,008	0,104	FALSE
0,027	0,317	0,001	0,009	0,022	FALSE
0,107	0,298	0,004	0,009	0,194	FALSE
-0,015	0,306	-0,001	0,008	0,026	FALSE
0,142	0,299	0,004	0,009	0,190	FALSE
-0,069	0,309	-0,002	0,009	0,072	FALSE
-0,086	0,308	-0,003	0,013	0,088	FALSE
0,075	0,292	0,002	0,008	0,120	FALSE
-0,041	0,301	-0,002	0,010	0,058	FALSE
0,076	0,310	0,003	0,012	0,108	FALSE
-0,049	0,309	-0,002	0,010	0,070	FALSE
0,099	0,331	0,003	0,009	0,120	FALSE
-0,067	0,293	-0,002	0,012	0,072	FALSE
-0,040	0,295	0,000	0,011	0,005	FALSE
0,059	0,302	0,002	0,006	0,100	FALSE

0,003	0,304	-0,001	0,012	0,033	FALSE
0,006	0,307	0,000	0,012	0,010	FALSE
0,084	0,300	0,002	0,007	0,089	FALSE
0,023	0,294	0,001	0,008	0,022	FALSE
0,019	0,301	0,000	0,008	0,001	FALSE
-0,087	0,303	-0,002	0,010	0,087	FALSE
-0,019	0,300	-0,001	0,012	0,018	FALSE
0,005	0,309	-0,001	0,013	0,020	FALSE
0,012	0,310	0,001	0,011	0,019	FALSE
-0,033	0,306	-0,001	0,011	0,036	FALSE
0,169	0,308	0,005	0,011	0,218	FALSE
0,130	0,299	0,005	0,012	0,180	FALSE
-0,077	0,303	-0,002	0,008	0,085	FALSE
-0,132	0,296	-0,005	0,012	0,177	FALSE
0,037	0,317	0,001	0,013	0,037	FALSE
0,004	0,297	0,000	0,012	0,005	FALSE
-0,049	0,308	-0,002	0,011	0,065	FALSE
-0,019	0,291	0,000	0,007	0,006	FALSE
-0,023	0,309	-0,002	0,011	0,055	FALSE
0,094	0,316	0,004	0,009	0,160	FALSE
-0,046	0,278	-0,001	0,010	0,046	FALSE
-0,026	0,276	0,000	0,010	0,011	FALSE
0,074	0,284	0,001	0,006	0,062	FALSE
-0,115	0,308	-0,003	0,008	0,166	FALSE
0,076	0,295	0,003	0,012	0,087	FALSE
-0,007	0,299	0,000	0,007	0,017	FALSE
0,035	0,317	0,001	0,008	0,054	FALSE
0,016	0,319	0,001	0,008	0,024	FALSE
-0,022	0,297	0,000	0,008	0,004	FALSE
-0,078	0,309	-0,001	0,007	0,068	FALSE
0,097	0,294	0,005	0,012	0,158	FALSE
-0,050	0,315	-0,002	0,009	0,091	FALSE
-0,033	0,302	-0,001	0,012	0,029	FALSE
-0,075	0,288	-0,002	0,006	0,114	FALSE
0,016	0,308	0,000	0,007	0,013	FALSE
-0,052	0,303	-0,001	0,012	0,031	FALSE
-0,078	0,300	-0,002	0,007	0,099	FALSE
0,054	0,302	0,001	0,008	0,047	FALSE
0,096	0,300	0,003	0,012	0,107	FALSE
0,090	0,275	0,003	0,012	0,110	FALSE
0,117	0,311	0,003	0,007	0,188	FALSE
0,041	0,320	0,001	0,008	0,025	FALSE
0,017	0,305	0,000	0,010	0,017	FALSE
-0,015	0,305	-0,001	0,011	0,034	FALSE
-0,022	0,311	-0,001	0,013	0,038	FALSE
0,052	0,315	0,002	0,012	0,046	FALSE
-0,150	0,319	-0,004	0,009	0,204	FALSE
-0,109	0,313	-0,003	0,009	0,137	FALSE
0,165	0,297	0,006	0,011	0,232	FALSE
0,059	0,315	0,001	0,008	0,068	FALSE
-0,096	0,312	-0,003	0,010	0,115	FALSE
-0,070	0,299	-0,003	0,012	0,096	FALSE
0,073	0,293	0,002	0,012	0,063	FALSE

0,073	0,321	0,003	0,012	0,089	FALSE
-0,030	0,297	0,000	0,012	0,000	FALSE
-0,047	0,305	-0,002	0,012	0,069	FALSE
0,002	0,305	0,000	0,010	0,006	FALSE
-0,002	0,313	0,000	0,011	0,013	FALSE
0,086	0,322	0,004	0,013	0,114	FALSE
0,136	0,300	0,004	0,009	0,180	FALSE
-0,101	0,306	-0,003	0,007	0,151	FALSE
0,084	0,299	0,004	0,013	0,125	FALSE
-0,068	0,295	-0,001	0,009	0,061	FALSE
-0,058	0,302	-0,001	0,013	0,034	FALSE
-0,047	0,321	-0,002	0,009	0,061	FALSE
-0,038	0,299	-0,001	0,008	0,059	FALSE
-0,070	0,315	-0,003	0,011	0,108	FALSE
-0,029	0,305	-0,001	0,012	0,021	FALSE
0,057	0,314	0,002	0,009	0,090	FALSE
-0,017	0,299	0,000	0,012	0,009	FALSE
-0,034	0,305	-0,001	0,012	0,021	FALSE
0,055	0,312	0,003	0,012	0,082	FALSE
0,082	0,312	0,003	0,010	0,106	FALSE
-0,044	0,305	-0,002	0,009	0,063	FALSE
-0,003	0,308	0,000	0,012	0,004	FALSE
0,015	0,301	0,000	0,009	0,010	FALSE
-0,072	0,310	-0,002	0,007	0,084	FALSE
0,032	0,305	0,001	0,008	0,031	FALSE
-0,147	0,297	-0,004	0,007	0,224	FALSE
-0,221	0,287	-0,006	0,008	0,354	FALSE
0,035	0,306	0,000	0,008	0,006	FALSE
-0,046	0,312	-0,001	0,006	0,055	FALSE
-0,030	0,311	0,000	0,008	0,018	FALSE
0,039	0,305	0,000	0,009	0,018	FALSE
0,009	0,316	0,001	0,008	0,051	FALSE
-0,025	0,310	-0,001	0,009	0,025	FALSE
-0,001	0,309	0,000	0,008	0,021	FALSE
-0,043	0,305	-0,001	0,008	0,043	FALSE
0,039	0,303	0,001	0,009	0,043	FALSE
0,119	0,303	0,005	0,011	0,166	FALSE
-0,013	0,318	0,000	0,011	0,013	FALSE
-0,046	0,307	-0,002	0,012	0,049	FALSE
0,018	0,311	0,000	0,007	0,013	FALSE
-0,015	0,320	-0,001	0,008	0,044	FALSE
-0,142	0,302	-0,004	0,009	0,176	FALSE
-0,068	0,304	-0,001	0,008	0,058	FALSE
-0,088	0,307	-0,004	0,011	0,140	FALSE
-0,063	0,316	-0,003	0,011	0,096	FALSE
0,195	0,295	0,006	0,009	0,281	FALSE
-0,029	0,306	-0,001	0,012	0,016	FALSE
-0,105	0,305	-0,002	0,008	0,115	FALSE
0,046	0,308	0,001	0,009	0,032	FALSE
0,064	0,314	0,001	0,007	0,070	FALSE
0,100	0,307	0,002	0,007	0,104	FALSE
-0,026	0,324	-0,001	0,009	0,025	FALSE
-0,064	0,306	-0,003	0,012	0,095	FALSE

-0,061	0,302	-0,003	0,011	0,094	FALSE
-0,112	0,310	-0,005	0,011	0,203	FALSE
-0,008	0,308	0,000	0,011	0,010	FALSE
0,014	0,311	0,001	0,007	0,036	FALSE
0,048	0,314	0,002	0,011	0,059	FALSE
0,059	0,306	0,002	0,011	0,065	FALSE
-0,028	0,307	-0,002	0,012	0,046	FALSE
0,142	0,294	0,004	0,009	0,194	FALSE
-0,063	0,309	-0,002	0,009	0,073	FALSE
0,151	0,319	0,005	0,009	0,222	FALSE
-0,041	0,304	-0,003	0,011	0,086	FALSE
0,071	0,296	0,003	0,010	0,098	FALSE
0,061	0,311	0,002	0,009	0,079	FALSE
-0,108	0,310	-0,003	0,009	0,126	FALSE
0,032	0,319	0,001	0,013	0,039	FALSE
0,004	0,310	0,000	0,010	0,001	FALSE
-0,071	0,299	-0,003	0,012	0,088	FALSE
-0,108	0,296	-0,003	0,006	0,168	FALSE
-0,045	0,309	-0,001	0,008	0,070	FALSE
-0,096	0,314	-0,003	0,010	0,111	FALSE
0,000	0,306	0,000	0,009	0,006	FALSE
0,054	0,307	0,001	0,007	0,068	FALSE
0,074	0,310	0,001	0,007	0,070	FALSE
-0,048	0,295	-0,002	0,012	0,065	FALSE
0,025	0,308	0,000	0,006	0,022	FALSE
-0,152	0,294	-0,006	0,013	0,213	FALSE
0,091	0,307	0,002	0,007	0,112	FALSE
0,017	0,299	0,000	0,007	0,006	FALSE
-0,065	0,308	-0,001	0,008	0,064	FALSE
0,036	0,322	0,001	0,008	0,038	FALSE
0,050	0,318	0,002	0,010	0,063	FALSE
0,087	0,299	0,003	0,009	0,121	FALSE
-0,039	0,311	-0,001	0,007	0,042	FALSE
-0,130	0,311	-0,003	0,009	0,146	FALSE
-0,013	0,313	0,000	0,008	0,010	FALSE
0,059	0,312	0,001	0,007	0,086	FALSE
0,022	0,310	0,001	0,011	0,039	FALSE
-0,071	0,304	-0,002	0,009	0,080	FALSE
0,023	0,312	0,000	0,008	0,010	FALSE
0,066	0,306	0,004	0,013	0,107	FALSE
-0,002	0,318	0,000	0,007	0,006	FALSE
0,042	0,321	0,001	0,007	0,044	FALSE
0,035	0,304	0,001	0,007	0,041	FALSE
0,071	0,324	0,001	0,007	0,078	FALSE
-0,136	0,299	-0,004	0,007	0,231	FALSE
0,044	0,312	0,002	0,011	0,053	FALSE
0,176	0,269	0,007	0,012	0,251	FALSE
0,046	0,307	0,002	0,012	0,052	FALSE
-0,023	0,295	-0,002	0,013	0,045	FALSE
0,131	0,298	0,004	0,010	0,170	FALSE
-0,099	0,313	-0,002	0,007	0,114	FALSE
-0,020	0,319	-0,001	0,007	0,029	FALSE
-0,019	0,311	-0,001	0,009	0,028	FALSE

0,002	0,318	0,000	0,007	0,002	FALSE
-0,010	0,311	0,000	0,006	0,025	FALSE
-0,031	0,304	-0,001	0,007	0,062	FALSE
0,039	0,314	0,001	0,008	0,040	FALSE
0,054	0,292	0,002	0,007	0,110	FALSE
0,010	0,309	0,000	0,009	0,006	FALSE
0,006	0,314	0,000	0,008	0,017	FALSE
0,049	0,304	0,001	0,008	0,044	FALSE
-0,090	0,306	-0,003	0,013	0,099	FALSE
-0,051	0,293	-0,002	0,011	0,073	FALSE
-0,010	0,303	0,000	0,010	0,005	FALSE
-0,093	0,328	-0,004	0,011	0,128	FALSE
0,137	0,311	0,005	0,012	0,182	FALSE
0,058	0,307	0,002	0,010	0,071	FALSE
-0,065	0,318	-0,003	0,013	0,092	FALSE
0,023	0,310	0,001	0,008	0,037	FALSE
-0,048	0,293	-0,001	0,008	0,064	FALSE
-0,016	0,314	-0,001	0,008	0,032	FALSE
-0,046	0,300	-0,001	0,012	0,028	FALSE
-0,047	0,308	-0,001	0,012	0,032	FALSE
-0,025	0,312	-0,001	0,007	0,030	FALSE
-0,040	0,305	-0,001	0,009	0,039	FALSE
0,040	0,308	0,001	0,008	0,060	FALSE
0,035	0,312	0,001	0,009	0,040	FALSE
-0,025	0,300	-0,001	0,010	0,021	FALSE
0,052	0,310	0,003	0,012	0,092	FALSE
0,012	0,314	0,000	0,006	0,018	FALSE
-0,215	0,296	-0,006	0,008	0,313	FALSE
0,086	0,306	0,003	0,009	0,130	FALSE
-0,027	0,326	0,000	0,009	0,018	FALSE
-0,075	0,308	-0,003	0,012	0,087	FALSE
-0,054	0,300	-0,001	0,008	0,057	FALSE
-0,080	0,316	-0,002	0,008	0,098	FALSE
0,001	0,303	0,000	0,007	0,011	FALSE
-0,095	0,311	-0,004	0,011	0,145	FALSE
0,028	0,317	0,001	0,007	0,051	FALSE
-0,068	0,316	-0,002	0,010	0,082	FALSE
-0,040	0,307	-0,001	0,011	0,045	FALSE
0,043	0,310	0,001	0,007	0,032	FALSE
0,105	0,302	0,004	0,012	0,135	FALSE
0,051	0,305	0,001	0,007	0,064	FALSE
0,000	0,311	0,000	0,007	0,003	FALSE
0,058	0,310	0,002	0,011	0,052	FALSE
0,058	0,313	0,001	0,008	0,069	FALSE
0,008	0,299	0,001	0,011	0,023	FALSE
-0,018	0,322	-0,001	0,011	0,046	FALSE
-0,070	0,303	-0,001	0,006	0,077	FALSE
-0,012	0,310	0,000	0,009	0,011	FALSE
0,028	0,313	0,001	0,012	0,020	FALSE
-0,032	0,309	-0,001	0,010	0,031	FALSE
-0,026	0,320	-0,001	0,009	0,046	FALSE
0,003	0,302	0,001	0,007	0,030	FALSE
0,025	0,314	0,000	0,011	0,008	FALSE

0,011	0,290	0,001	0,006	0,036	FALSE
0,075	0,310	0,003	0,010	0,097	FALSE
-0,129	0,297	-0,005	0,013	0,162	FALSE
0,003	0,306	0,000	0,008	0,001	FALSE
-0,107	0,314	-0,004	0,011	0,155	FALSE
0,088	0,302	0,003	0,012	0,095	FALSE
-0,006	0,306	0,000	0,011	0,002	FALSE
-0,108	0,318	-0,003	0,008	0,131	FALSE
-0,106	0,313	-0,004	0,012	0,132	FALSE
0,047	0,317	0,002	0,013	0,050	FALSE
0,210	0,311	0,006	0,009	0,313	FALSE
-0,138	0,299	-0,003	0,007	0,197	FALSE
0,021	0,309	0,001	0,009	0,042	FALSE
-0,031	0,301	-0,002	0,012	0,056	FALSE
-0,053	0,299	-0,002	0,012	0,077	FALSE
-0,076	0,293	-0,002	0,010	0,093	FALSE
-0,025	0,313	-0,001	0,009	0,043	FALSE
-0,032	0,309	-0,001	0,009	0,048	FALSE
-0,062	0,317	-0,002	0,009	0,081	FALSE
-0,026	0,315	-0,001	0,009	0,034	FALSE
-0,017	0,326	-0,001	0,010	0,027	FALSE
-0,024	0,314	-0,001	0,008	0,025	FALSE
-0,049	0,312	-0,001	0,011	0,034	FALSE
-0,045	0,307	-0,001	0,011	0,041	FALSE
0,136	0,287	0,003	0,007	0,194	FALSE
0,041	0,313	0,001	0,007	0,043	FALSE
0,066	0,300	0,002	0,008	0,071	FALSE
0,043	0,303	0,002	0,011	0,048	FALSE
-0,044	0,304	-0,001	0,007	0,053	FALSE
0,009	0,306	0,001	0,008	0,029	FALSE
0,028	0,312	0,001	0,007	0,037	FALSE
0,134	0,300	0,003	0,007	0,158	FALSE
0,144	0,308	0,003	0,006	0,203	FALSE
-0,005	0,306	0,000	0,012	0,011	FALSE
0,023	0,301	0,001	0,010	0,027	FALSE
-0,031	0,301	-0,001	0,007	0,032	FALSE
-0,036	0,303	-0,001	0,013	0,020	FALSE
-0,083	0,314	-0,002	0,013	0,071	FALSE
-0,056	0,302	-0,002	0,012	0,049	FALSE
-0,062	0,291	-0,002	0,012	0,053	FALSE
-0,035	0,294	-0,001	0,012	0,023	FALSE
-0,137	0,298	-0,007	0,013	0,251	FALSE
-0,078	0,306	-0,002	0,010	0,090	FALSE
0,024	0,312	0,001	0,013	0,037	FALSE
-0,088	0,308	-0,003	0,011	0,125	FALSE
-0,070	0,309	-0,004	0,013	0,118	FALSE
-0,091	0,309	-0,002	0,008	0,092	FALSE
-0,088	0,304	-0,002	0,010	0,094	FALSE
-0,051	0,324	-0,002	0,013	0,066	FALSE
0,038	0,307	0,001	0,008	0,051	FALSE
0,054	0,313	0,001	0,009	0,043	FALSE
0,020	0,313	0,001	0,012	0,036	FALSE
0,076	0,311	0,002	0,009	0,098	FALSE

0,095	0,312	0,003	0,009	0,123	FALSE
-0,066	0,297	-0,003	0,012	0,090	FALSE
-0,035	0,302	0,000	0,007	0,017	FALSE
-0,007	0,309	0,000	0,013	0,012	FALSE
-0,005	0,295	0,001	0,012	0,023	FALSE
-0,072	0,306	-0,002	0,007	0,098	FALSE
-0,119	0,303	-0,005	0,011	0,179	FALSE
-0,097	0,295	-0,005	0,012	0,153	FALSE
0,021	0,315	0,001	0,009	0,035	FALSE
0,183	0,303	0,006	0,011	0,251	FALSE
-0,066	0,304	-0,001	0,006	0,057	FALSE
-0,112	0,298	-0,005	0,012	0,175	FALSE
-0,162	0,305	-0,005	0,009	0,214	FALSE
0,026	0,310	0,001	0,010	0,048	FALSE
-0,007	0,297	0,000	0,010	0,003	FALSE
0,003	0,295	0,001	0,008	0,026	FALSE
0,035	0,326	0,001	0,009	0,060	FALSE
0,112	0,305	0,004	0,012	0,130	FALSE
-0,117	0,288	-0,002	0,006	0,145	FALSE
0,016	0,305	0,001	0,008	0,042	FALSE
0,027	0,308	0,001	0,008	0,054	FALSE
-0,024	0,328	-0,001	0,007	0,030	FALSE
-0,086	0,313	-0,004	0,011	0,134	FALSE
0,012	0,302	0,001	0,012	0,031	FALSE
0,003	0,303	0,000	0,008	0,011	FALSE
-0,027	0,310	-0,001	0,012	0,045	FALSE
0,108	0,309	0,005	0,012	0,173	FALSE
-0,105	0,304	-0,003	0,010	0,115	FALSE
0,108	0,293	0,003	0,009	0,148	FALSE
0,040	0,308	0,001	0,009	0,031	FALSE
0,019	0,317	0,001	0,012	0,016	FALSE
-0,001	0,314	0,000	0,007	0,016	FALSE
0,037	0,293	0,001	0,011	0,030	FALSE
-0,030	0,308	-0,001	0,012	0,032	FALSE
0,106	0,308	0,004	0,012	0,134	FALSE
0,064	0,298	0,002	0,007	0,085	FALSE
0,020	0,311	0,001	0,011	0,028	FALSE
-0,149	0,296	-0,003	0,006	0,179	FALSE
-0,048	0,300	-0,001	0,007	0,045	FALSE
0,083	0,305	0,004	0,012	0,110	FALSE
0,073	0,301	0,003	0,013	0,089	FALSE
-0,014	0,297	-0,002	0,010	0,060	FALSE
0,039	0,321	0,002	0,013	0,049	FALSE
-0,217	0,280	-0,008	0,011	0,332	FALSE
0,151	0,311	0,003	0,007	0,173	FALSE
0,094	0,292	0,002	0,008	0,117	FALSE
0,019	0,310	0,001	0,008	0,031	FALSE
-0,041	0,303	-0,001	0,008	0,045	FALSE
-0,141	0,304	-0,003	0,007	0,186	FALSE
-0,004	0,311	0,000	0,010	0,009	FALSE
0,040	0,303	0,001	0,007	0,056	FALSE
0,041	0,315	0,001	0,010	0,032	FALSE
-0,012	0,320	0,000	0,012	0,001	FALSE

-0,018	0,302	0,000	0,009	0,014	FALSE
-0,087	0,309	-0,002	0,007	0,130	FALSE
-0,119	0,303	-0,003	0,007	0,159	FALSE
-0,039	0,307	-0,002	0,011	0,070	FALSE
-0,057	0,296	-0,001	0,007	0,056	FALSE
0,056	0,303	0,001	0,006	0,050	FALSE
-0,028	0,316	0,000	0,007	0,007	FALSE
0,076	0,311	0,001	0,006	0,085	FALSE
-0,091	0,304	-0,002	0,008	0,101	FALSE
-0,067	0,301	-0,003	0,011	0,105	FALSE
-0,051	0,316	-0,002	0,012	0,060	FALSE
0,034	0,312	0,002	0,013	0,059	FALSE
-0,008	0,310	0,000	0,013	0,005	FALSE
-0,006	0,313	-0,001	0,013	0,024	FALSE
0,015	0,317	0,001	0,012	0,015	FALSE
-0,066	0,306	-0,002	0,007	0,101	FALSE
-0,197	0,296	-0,005	0,008	0,289	FALSE
-0,030	0,303	0,000	0,008	0,010	FALSE
-0,003	0,301	0,001	0,010	0,029	FALSE
0,070	0,293	0,002	0,009	0,103	FALSE
-0,003	0,311	0,000	0,006	0,010	FALSE
-0,033	0,309	-0,001	0,013	0,026	FALSE
0,073	0,307	0,003	0,010	0,112	FALSE
-0,020	0,307	0,000	0,009	0,015	FALSE
-0,038	0,315	-0,001	0,012	0,046	FALSE
0,096	0,302	0,003	0,008	0,157	FALSE
0,072	0,307	0,001	0,008	0,068	FALSE
0,052	0,302	0,002	0,010	0,078	FALSE
-0,001	0,312	0,000	0,007	0,006	FALSE
-0,051	0,295	-0,001	0,009	0,059	FALSE
-0,069	0,302	-0,001	0,007	0,072	FALSE
-0,052	0,300	-0,001	0,008	0,057	FALSE
0,011	0,305	0,000	0,009	0,007	FALSE
-0,026	0,305	-0,001	0,012	0,023	FALSE
-0,083	0,308	-0,002	0,007	0,102	FALSE
-0,134	0,288	-0,003	0,007	0,170	FALSE
-0,037	0,310	-0,002	0,012	0,053	FALSE
-0,025	0,303	-0,001	0,009	0,036	FALSE
0,074	0,318	0,003	0,013	0,085	FALSE
0,014	0,309	0,000	0,008	0,011	FALSE
-0,077	0,314	-0,001	0,007	0,077	FALSE
0,011	0,294	0,001	0,008	0,054	FALSE
-0,010	0,318	0,000	0,007	0,007	FALSE
0,010	0,321	0,001	0,007	0,037	FALSE
-0,042	0,311	-0,002	0,010	0,065	FALSE
0,076	0,312	0,001	0,006	0,089	FALSE
0,059	0,285	0,002	0,009	0,083	FALSE
0,013	0,306	0,000	0,008	0,018	FALSE
0,028	0,328	0,001	0,010	0,029	FALSE
0,024	0,309	0,001	0,010	0,020	FALSE
-0,083	0,320	-0,004	0,012	0,122	FALSE
-0,092	0,299	-0,002	0,008	0,081	FALSE
0,019	0,310	0,000	0,007	0,008	FALSE

-0,018	0,308	0,000	0,012	0,005	FALSE
0,007	0,308	0,000	0,007	0,024	FALSE
-0,091	0,305	-0,004	0,011	0,126	FALSE
-0,114	0,304	-0,003	0,008	0,156	FALSE
0,027	0,302	0,001	0,012	0,029	FALSE
0,009	0,300	0,000	0,011	0,002	FALSE
0,135	0,297	0,002	0,006	0,165	FALSE
0,092	0,312	0,002	0,007	0,124	FALSE
-0,072	0,313	-0,001	0,006	0,074	FALSE
0,027	0,306	0,001	0,008	0,048	FALSE
0,101	0,305	0,003	0,009	0,143	FALSE
0,006	0,313	0,000	0,008	0,011	FALSE
0,014	0,307	0,000	0,008	0,013	FALSE
0,003	0,296	0,000	0,011	0,008	FALSE
-0,017	0,305	0,000	0,010	0,008	FALSE
-0,036	0,302	-0,001	0,010	0,036	FALSE
-0,031	0,314	-0,001	0,008	0,049	FALSE
-0,110	0,304	-0,003	0,009	0,127	FALSE
-0,109	0,296	-0,003	0,009	0,150	FALSE
0,058	0,318	0,002	0,012	0,065	FALSE
-0,009	0,306	0,000	0,008	0,014	FALSE
0,160	0,305	0,007	0,011	0,246	FALSE
-0,107	0,317	-0,005	0,013	0,155	FALSE
-0,114	0,313	-0,005	0,013	0,143	FALSE
-0,072	0,324	-0,003	0,010	0,113	FALSE
0,087	0,301	0,003	0,013	0,091	FALSE
-0,129	0,303	-0,005	0,013	0,168	FALSE
0,150	0,323	0,004	0,008	0,213	FALSE
0,098	0,304	0,003	0,011	0,100	FALSE
0,107	0,318	0,002	0,008	0,106	FALSE
-0,034	0,305	-0,001	0,007	0,054	FALSE
0,089	0,318	0,004	0,013	0,130	FALSE
-0,041	0,306	-0,001	0,007	0,037	FALSE
-0,015	0,295	0,000	0,011	0,016	FALSE
0,068	0,305	0,003	0,013	0,104	FALSE
-0,024	0,303	0,000	0,007	0,020	FALSE
0,155	0,297	0,006	0,011	0,257	FALSE
-0,009	0,320	0,000	0,006	0,013	FALSE
0,123	0,298	0,003	0,006	0,164	FALSE
-0,123	0,305	-0,003	0,008	0,153	FALSE
0,151	0,312	0,005	0,011	0,186	FALSE
-0,098	0,319	-0,002	0,007	0,093	FALSE
0,050	0,309	0,002	0,013	0,047	FALSE
0,052	0,312	0,002	0,012	0,074	FALSE
-0,014	0,314	0,000	0,013	0,011	FALSE
0,027	0,311	0,001	0,009	0,031	FALSE
-0,047	0,312	-0,001	0,008	0,031	FALSE
0,020	0,311	0,001	0,013	0,034	FALSE
-0,017	0,310	0,000	0,007	0,002	FALSE
0,017	0,319	0,000	0,008	0,008	FALSE
0,097	0,310	0,003	0,009	0,115	FALSE
0,078	0,304	0,003	0,012	0,078	FALSE
-0,090	0,314	-0,003	0,012	0,109	FALSE

0,113	0,304	0,002	0,007	0,099	FALSE
0,071	0,303	0,003	0,012	0,100	FALSE
0,059	0,303	0,001	0,007	0,043	FALSE
-0,056	0,314	-0,002	0,008	0,080	FALSE
0,065	0,303	0,003	0,011	0,086	FALSE
0,056	0,320	0,002	0,012	0,074	FALSE
0,018	0,316	0,000	0,007	0,012	FALSE
-0,009	0,295	0,000	0,011	0,014	FALSE
-0,056	0,323	-0,002	0,007	0,092	FALSE
0,226	0,302	0,006	0,008	0,328	FALSE
0,187	0,300	0,004	0,007	0,276	FALSE
0,185	0,299	0,007	0,011	0,273	FALSE
0,146	0,300	0,003	0,006	0,218	FALSE
-0,127	0,309	-0,004	0,010	0,175	FALSE
-0,014	0,310	0,000	0,007	0,009	FALSE
-0,116	0,313	-0,003	0,008	0,152	FALSE
-0,008	0,305	0,000	0,011	0,013	FALSE
-0,017	0,315	0,000	0,012	0,010	FALSE
-0,006	0,310	0,000	0,008	0,012	FALSE
0,076	0,291	0,001	0,006	0,075	FALSE
0,013	0,301	0,000	0,010	0,001	FALSE
-0,106	0,282	-0,003	0,009	0,132	FALSE
0,022	0,292	0,000	0,006	0,026	FALSE
0,094	0,316	0,003	0,009	0,145	FALSE
-0,088	0,310	-0,003	0,011	0,120	FALSE
-0,116	0,306	-0,003	0,009	0,122	FALSE
0,047	0,315	0,002	0,007	0,084	FALSE
0,097	0,306	0,003	0,007	0,183	FALSE
-0,017	0,323	0,000	0,006	0,000	FALSE
-0,001	0,318	0,000	0,010	0,002	FALSE
0,079	0,305	0,002	0,006	0,119	FALSE
0,013	0,322	0,000	0,009	0,011	FALSE
0,091	0,307	0,003	0,007	0,144	FALSE
-0,010	0,305	0,000	0,007	0,004	FALSE
-0,094	0,303	-0,004	0,010	0,140	FALSE
-0,025	0,305	-0,001	0,013	0,024	FALSE
0,099	0,317	0,004	0,010	0,137	FALSE
0,070	0,317	0,003	0,011	0,090	FALSE
0,021	0,318	0,001	0,012	0,029	FALSE
-0,056	0,299	-0,002	0,012	0,051	FALSE
0,081	0,293	0,002	0,009	0,079	FALSE
0,059	0,309	0,001	0,009	0,041	FALSE
0,013	0,301	0,000	0,010	0,008	FALSE
0,106	0,302	0,004	0,010	0,175	FALSE
0,134	0,305	0,005	0,010	0,210	FALSE
0,125	0,306	0,004	0,007	0,224	FALSE
-0,076	0,305	-0,002	0,006	0,106	FALSE
0,078	0,308	0,002	0,012	0,066	FALSE
-0,010	0,306	0,000	0,013	0,001	FALSE
-0,038	0,305	-0,001	0,011	0,018	FALSE
0,059	0,311	0,001	0,007	0,073	FALSE
0,010	0,318	0,000	0,007	0,001	FALSE
-0,003	0,292	0,000	0,008	0,009	FALSE

0,030	0,304	0,001	0,007	0,038	FALSE
-0,071	0,285	-0,003	0,010	0,103	FALSE
0,017	0,294	0,000	0,010	0,001	FALSE
-0,053	0,305	-0,002	0,012	0,072	FALSE
0,084	0,303	0,002	0,007	0,125	FALSE
0,030	0,303	0,001	0,010	0,037	FALSE
0,033	0,304	0,001	0,009	0,026	FALSE
0,098	0,297	0,002	0,008	0,112	FALSE
-0,062	0,306	-0,004	0,012	0,121	FALSE
-0,072	0,309	-0,002	0,007	0,112	FALSE
0,073	0,329	0,003	0,011	0,089	FALSE
0,142	0,301	0,004	0,010	0,178	FALSE
-0,040	0,304	-0,001	0,007	0,067	FALSE
0,026	0,295	0,002	0,012	0,058	FALSE
0,046	0,301	0,002	0,012	0,075	FALSE
-0,135	0,292	-0,005	0,009	0,243	FALSE
-0,060	0,307	-0,003	0,010	0,110	FALSE
-0,018	0,302	-0,001	0,007	0,026	FALSE
-0,056	0,310	-0,001	0,007	0,060	FALSE
0,014	0,305	0,001	0,007	0,030	FALSE
0,011	0,313	0,001	0,009	0,019	FALSE
0,033	0,309	0,001	0,009	0,039	FALSE
0,049	0,304	0,001	0,007	0,075	FALSE
-0,046	0,299	-0,003	0,013	0,084	FALSE
-0,017	0,306	0,000	0,011	0,010	FALSE
-0,033	0,316	-0,001	0,009	0,033	FALSE
-0,036	0,320	-0,002	0,013	0,044	FALSE
-0,033	0,315	-0,001	0,013	0,028	FALSE
-0,041	0,306	0,000	0,009	0,010	FALSE
-0,021	0,310	0,000	0,009	0,009	FALSE
0,084	0,323	0,002	0,012	0,075	FALSE
-0,007	0,304	0,000	0,011	0,010	FALSE
0,076	0,305	0,002	0,010	0,084	FALSE
0,024	0,292	0,002	0,012	0,060	FALSE
0,036	0,304	0,001	0,010	0,023	FALSE
0,117	0,305	0,003	0,007	0,143	TRUE
0,038	0,323	0,001	0,013	0,032	FALSE
0,027	0,317	0,001	0,013	0,016	FALSE
-0,105	0,290	-0,002	0,006	0,128	FALSE
-0,030	0,311	-0,001	0,012	0,032	FALSE
0,109	0,297	0,003	0,008	0,134	FALSE
0,066	0,313	0,001	0,007	0,078	FALSE
0,008	0,310	0,000	0,007	0,006	FALSE
-0,069	0,319	-0,003	0,012	0,079	FALSE
-0,019	0,308	-0,001	0,006	0,040	FALSE
0,046	0,304	0,001	0,008	0,051	FALSE
0,101	0,311	0,004	0,012	0,121	FALSE
0,065	0,320	0,002	0,011	0,076	FALSE
-0,073	0,322	-0,002	0,011	0,073	FALSE
0,023	0,318	0,001	0,012	0,015	FALSE
0,018	0,326	0,000	0,009	0,019	FALSE
-0,031	0,309	-0,001	0,009	0,041	FALSE
-0,120	0,305	-0,003	0,007	0,156	FALSE

0,097	0,313	0,004	0,011	0,126	FALSE
-0,022	0,321	-0,001	0,008	0,042	FALSE
0,080	0,306	0,004	0,012	0,129	FALSE
0,013	0,309	0,000	0,008	0,019	FALSE
-0,003	0,314	0,000	0,011	0,004	FALSE
-0,016	0,320	0,000	0,008	0,021	FALSE
0,009	0,307	0,000	0,013	0,005	FALSE
-0,079	0,307	-0,001	0,008	0,067	FALSE
-0,065	0,317	-0,001	0,008	0,057	FALSE
-0,059	0,309	-0,001	0,008	0,035	FALSE
-0,052	0,312	-0,002	0,009	0,064	FALSE
-0,048	0,320	-0,002	0,011	0,076	FALSE
0,055	0,302	0,002	0,009	0,062	FALSE
0,071	0,313	0,002	0,007	0,089	FALSE
0,000	0,305	0,000	0,009	0,006	FALSE
-0,016	0,301	-0,001	0,012	0,015	FALSE
0,134	0,304	0,003	0,008	0,153	FALSE
-0,093	0,315	-0,003	0,010	0,112	FALSE
0,154	0,296	0,003	0,006	0,222	FALSE
0,096	0,304	0,004	0,012	0,118	FALSE
0,106	0,291	0,004	0,011	0,157	FALSE
-0,015	0,304	-0,001	0,011	0,021	FALSE
-0,047	0,298	-0,001	0,010	0,030	FALSE
0,014	0,297	0,001	0,010	0,031	FALSE
-0,009	0,293	-0,001	0,012	0,015	FALSE
0,071	0,312	0,003	0,012	0,090	FALSE
-0,048	0,311	-0,002	0,011	0,080	FALSE
-0,097	0,309	-0,003	0,010	0,119	FALSE
-0,082	0,307	-0,002	0,010	0,089	FALSE
0,010	0,294	0,000	0,012	0,006	FALSE
-0,011	0,314	-0,001	0,012	0,035	FALSE
-0,002	0,309	0,000	0,013	0,006	FALSE
-0,075	0,309	-0,002	0,010	0,077	FALSE
-0,031	0,315	-0,002	0,011	0,059	FALSE
0,021	0,320	0,000	0,013	0,010	FALSE
0,134	0,321	0,003	0,008	0,169	FALSE
-0,028	0,311	0,000	0,007	0,011	FALSE
-0,041	0,301	-0,002	0,012	0,051	FALSE
-0,067	0,313	-0,003	0,011	0,104	FALSE
0,027	0,308	0,001	0,008	0,035	FALSE
-0,016	0,303	0,000	0,011	0,000	FALSE
-0,017	0,307	0,000	0,008	0,004	FALSE
-0,132	0,301	-0,004	0,009	0,181	FALSE
-0,050	0,306	-0,001	0,006	0,047	FALSE
-0,005	0,316	0,000	0,012	0,001	FALSE
0,038	0,308	0,002	0,011	0,064	FALSE
-0,017	0,326	-0,001	0,010	0,024	FALSE
-0,043	0,315	-0,002	0,010	0,060	FALSE
0,078	0,310	0,003	0,011	0,103	FALSE
-0,128	0,312	-0,004	0,012	0,150	FALSE
0,122	0,293	0,004	0,008	0,209	FALSE
0,076	0,299	0,002	0,009	0,084	FALSE
-0,081	0,300	-0,002	0,009	0,081	FALSE

-0,040	0,301	-0,002	0,010	0,063	FALSE
-0,043	0,290	-0,001	0,009	0,034	FALSE
-0,026	0,301	0,000	0,012	0,003	FALSE
-0,031	0,301	0,000	0,013	0,002	FALSE
-0,014	0,315	-0,001	0,009	0,035	FALSE
0,091	0,308	0,002	0,007	0,133	FALSE
-0,020	0,310	-0,001	0,008	0,025	FALSE
-0,051	0,313	-0,002	0,013	0,045	FALSE
0,134	0,307	0,006	0,013	0,202	FALSE
0,058	0,311	0,002	0,010	0,083	FALSE
0,018	0,320	0,001	0,012	0,032	FALSE
0,006	0,309	0,001	0,008	0,040	FALSE
0,031	0,298	0,001	0,007	0,060	FALSE
0,091	0,308	0,003	0,010	0,135	FALSE
0,111	0,311	0,003	0,009	0,154	FALSE
-0,096	0,297	-0,002	0,007	0,136	FALSE
-0,039	0,316	-0,002	0,010	0,057	FALSE
0,136	0,293	0,004	0,007	0,226	FALSE
0,162	0,309	0,004	0,007	0,255	FALSE
0,083	0,301	0,003	0,012	0,102	FALSE
0,134	0,315	0,003	0,008	0,144	FALSE
-0,025	0,307	-0,001	0,008	0,027	FALSE
-0,111	0,302	-0,003	0,009	0,146	FALSE
0,070	0,314	0,003	0,012	0,104	FALSE
0,091	0,314	0,004	0,012	0,143	FALSE
-0,029	0,296	-0,001	0,007	0,047	FALSE
-0,021	0,303	-0,001	0,012	0,046	FALSE
0,056	0,299	0,002	0,008	0,082	FALSE
-0,121	0,317	-0,004	0,009	0,157	FALSE
0,069	0,305	0,002	0,007	0,079	FALSE
0,026	0,313	0,001	0,013	0,026	FALSE
0,031	0,286	0,001	0,011	0,041	FALSE
0,003	0,303	0,000	0,010	0,011	FALSE
0,023	0,306	0,000	0,011	0,004	FALSE
0,036	0,304	0,001	0,010	0,025	FALSE
0,033	0,310	0,001	0,008	0,027	FALSE
0,083	0,306	0,002	0,008	0,077	FALSE
0,003	0,303	0,000	0,009	0,004	FALSE
0,033	0,301	0,001	0,007	0,038	FALSE
0,080	0,296	0,002	0,009	0,093	FALSE
0,031	0,314	0,001	0,008	0,041	FALSE
0,031	0,313	0,001	0,013	0,032	FALSE
0,002	0,311	0,000	0,011	0,004	FALSE
0,078	0,306	0,002	0,011	0,083	FALSE
0,068	0,305	0,002	0,011	0,067	FALSE
0,082	0,305	0,002	0,011	0,087	FALSE
0,077	0,304	0,003	0,011	0,096	FALSE
0,050	0,309	0,001	0,011	0,042	FALSE
-0,085	0,318	-0,002	0,008	0,126	FALSE
-0,040	0,301	-0,001	0,008	0,068	FALSE
0,097	0,309	0,003	0,007	0,168	FALSE
0,009	0,302	0,000	0,007	0,002	FALSE
-0,021	0,312	0,000	0,007	0,002	FALSE

0,181	0,290	0,005	0,008	0,277	FALSE
0,029	0,306	0,001	0,009	0,022	FALSE
-0,123	0,309	-0,006	0,013	0,181	FALSE
-0,037	0,302	-0,001	0,007	0,035	FALSE
0,069	0,318	0,003	0,010	0,100	FALSE
-0,181	0,312	-0,008	0,013	0,275	FALSE
-0,015	0,293	0,000	0,012	0,007	FALSE
-0,011	0,316	0,000	0,009	0,006	FALSE
0,103	0,310	0,004	0,010	0,141	FALSE
0,082	0,317	0,003	0,011	0,109	FALSE
0,070	0,319	0,003	0,013	0,103	FALSE
0,027	0,299	0,000	0,012	0,005	FALSE
0,015	0,310	0,001	0,012	0,025	FALSE
0,095	0,307	0,002	0,006	0,098	FALSE
0,009	0,309	0,001	0,012	0,037	FALSE
0,133	0,296	0,003	0,007	0,161	FALSE
0,097	0,306	0,003	0,012	0,103	FALSE
-0,064	0,296	-0,003	0,010	0,104	FALSE
0,069	0,295	0,002	0,008	0,095	FALSE
-0,035	0,288	-0,002	0,007	0,078	FALSE
0,074	0,303	0,003	0,008	0,126	FALSE
0,013	0,301	0,000	0,013	0,006	FALSE
-0,012	0,307	0,000	0,006	0,015	FALSE
-0,026	0,304	-0,002	0,009	0,063	FALSE
0,019	0,321	0,001	0,007	0,034	FALSE
0,113	0,304	0,003	0,013	0,097	FALSE
0,020	0,316	0,000	0,009	0,000	FALSE
-0,043	0,299	-0,001	0,009	0,036	FALSE
0,112	0,292	0,003	0,006	0,202	FALSE
-0,029	0,303	0,000	0,007	0,012	FALSE
0,071	0,309	0,003	0,013	0,103	FALSE
-0,053	0,309	-0,002	0,013	0,072	FALSE
-0,053	0,302	-0,002	0,010	0,087	FALSE
-0,036	0,310	-0,001	0,012	0,032	FALSE
-0,052	0,299	-0,001	0,007	0,034	FALSE
0,150	0,317	0,006	0,013	0,198	FALSE
0,152	0,302	0,006	0,013	0,204	FALSE
-0,037	0,310	-0,001	0,013	0,042	FALSE
0,085	0,298	0,003	0,011	0,105	FALSE
-0,051	0,290	-0,003	0,012	0,078	FALSE
0,079	0,309	0,001	0,007	0,066	FALSE
0,029	0,319	0,001	0,013	0,040	FALSE
-0,047	0,304	-0,001	0,009	0,034	FALSE
0,032	0,308	0,001	0,007	0,049	FALSE
-0,032	0,309	0,000	0,008	0,003	FALSE
0,141	0,305	0,004	0,007	0,229	FALSE
0,110	0,304	0,004	0,010	0,149	FALSE
0,009	0,316	-0,001	0,013	0,013	FALSE
-0,039	0,317	-0,003	0,013	0,072	FALSE
0,036	0,309	0,001	0,007	0,051	FALSE
0,078	0,308	0,003	0,008	0,125	FALSE
0,069	0,299	0,002	0,007	0,109	FALSE
0,073	0,314	0,003	0,012	0,078	FALSE

0,041	0,317	0,001	0,006	0,062	FALSE
0,012	0,306	0,000	0,007	0,018	FALSE
0,080	0,302	0,004	0,012	0,120	FALSE
0,111	0,320	0,005	0,013	0,158	FALSE
0,103	0,296	0,003	0,008	0,171	FALSE
0,019	0,310	0,001	0,008	0,030	FALSE
-0,007	0,301	0,000	0,009	0,016	FALSE
0,031	0,308	0,001	0,009	0,041	FALSE
0,020	0,309	0,001	0,009	0,021	FALSE
0,070	0,294	0,004	0,011	0,135	FALSE
-0,102	0,303	-0,003	0,009	0,148	FALSE
-0,001	0,307	0,000	0,012	0,013	FALSE
-0,085	0,309	-0,003	0,012	0,109	FALSE
0,074	0,302	0,002	0,008	0,091	FALSE
-0,010	0,314	0,000	0,011	0,013	FALSE
0,158	0,299	0,006	0,011	0,237	FALSE
-0,114	0,314	-0,004	0,010	0,150	FALSE
-0,021	0,307	-0,001	0,012	0,041	FALSE
0,149	0,295	0,006	0,011	0,220	FALSE
0,148	0,315	0,004	0,009	0,185	FALSE
-0,025	0,301	-0,001	0,012	0,029	FALSE
0,053	0,308	0,002	0,012	0,073	FALSE
0,036	0,306	0,001	0,007	0,077	FALSE
-0,063	0,303	-0,003	0,010	0,098	FALSE
-0,114	0,319	-0,005	0,011	0,167	FALSE
0,077	0,306	0,002	0,009	0,090	FALSE
-0,127	0,290	-0,005	0,012	0,148	FALSE
-0,023	0,325	0,000	0,007	0,012	FALSE
-0,129	0,289	-0,005	0,012	0,162	FALSE
-0,024	0,301	0,000	0,008	0,020	FALSE
-0,013	0,316	0,000	0,009	0,006	FALSE
0,008	0,320	0,001	0,013	0,029	FALSE
0,066	0,297	0,003	0,010	0,103	FALSE
0,014	0,304	0,000	0,006	0,000	FALSE
-0,082	0,320	-0,002	0,008	0,085	FALSE
0,071	0,307	0,003	0,010	0,095	FALSE
0,054	0,311	0,002	0,012	0,068	FALSE
0,066	0,306	0,003	0,012	0,097	FALSE
0,001	0,299	0,000	0,008	0,015	FALSE
0,113	0,306	0,005	0,012	0,167	FALSE
-0,033	0,303	-0,001	0,007	0,063	FALSE
0,071	0,298	0,002	0,011	0,066	FALSE
-0,145	0,294	-0,004	0,007	0,225	FALSE
-0,010	0,312	0,000	0,007	0,005	FALSE
0,034	0,306	0,001	0,010	0,037	FALSE
0,055	0,313	0,002	0,011	0,075	FALSE
0,088	0,318	0,002	0,007	0,137	FALSE
-0,063	0,313	-0,001	0,007	0,064	FALSE
0,020	0,316	0,001	0,008	0,035	FALSE
0,003	0,309	0,000	0,009	0,008	FALSE
0,033	0,318	0,001	0,008	0,047	FALSE
-0,049	0,309	-0,001	0,008	0,030	FALSE
0,079	0,302	0,002	0,010	0,075	FALSE

0,012	0,305	0,000	0,008	0,019	FALSE
-0,004	0,308	0,000	0,008	0,000	FALSE
-0,040	0,310	-0,001	0,007	0,042	FALSE
-0,019	0,320	0,000	0,012	0,006	FALSE
0,112	0,304	0,004	0,010	0,156	FALSE
0,018	0,299	0,001	0,010	0,020	FALSE
0,033	0,296	0,001	0,011	0,029	FALSE
0,021	0,303	0,000	0,007	0,008	FALSE
0,064	0,320	0,002	0,007	0,086	FALSE
-0,091	0,303	-0,002	0,008	0,094	FALSE
-0,056	0,312	-0,003	0,012	0,089	FALSE
-0,133	0,297	-0,004	0,009	0,166	FALSE
-0,015	0,318	0,000	0,012	0,002	FALSE
-0,115	0,309	-0,005	0,013	0,154	FALSE
-0,105	0,322	-0,005	0,013	0,143	FALSE
0,099	0,300	0,002	0,007	0,124	FALSE
0,077	0,304	0,002	0,008	0,099	FALSE
-0,017	0,306	0,000	0,008	0,018	FALSE
-0,084	0,298	-0,003	0,010	0,114	FALSE
0,000	0,302	0,000	0,007	0,001	FALSE
-0,085	0,294	-0,003	0,009	0,116	FALSE
-0,088	0,305	-0,003	0,010	0,110	FALSE
-0,087	0,305	-0,002	0,006	0,112	FALSE
0,018	0,299	0,000	0,011	0,007	FALSE
0,176	0,291	0,005	0,007	0,276	FALSE
0,123	0,299	0,006	0,011	0,213	FALSE
0,084	0,310	0,004	0,012	0,142	FALSE
0,112	0,320	0,005	0,012	0,176	FALSE
0,008	0,308	0,000	0,011	0,009	FALSE
-0,033	0,316	-0,001	0,009	0,049	FALSE
0,066	0,308	0,002	0,007	0,088	FALSE
0,045	0,306	0,001	0,008	0,043	FALSE
0,140	0,304	0,003	0,007	0,206	FALSE
-0,096	0,305	-0,003	0,009	0,126	FALSE
0,046	0,319	0,002	0,011	0,056	FALSE
-0,073	0,318	-0,002	0,008	0,126	FALSE
0,016	0,302	0,000	0,012	0,006	FALSE
0,004	0,314	0,000	0,008	0,017	FALSE
-0,101	0,306	-0,005	0,013	0,145	FALSE
-0,093	0,298	-0,002	0,008	0,119	FALSE
-0,047	0,320	-0,002	0,012	0,048	FALSE
0,072	0,304	0,001	0,007	0,063	FALSE
0,098	0,306	0,002	0,007	0,120	FALSE
0,147	0,315	0,004	0,009	0,201	FALSE
-0,057	0,326	-0,003	0,011	0,097	FALSE
0,024	0,307	0,001	0,011	0,034	FALSE
-0,085	0,311	-0,004	0,011	0,149	FALSE
0,089	0,319	0,004	0,012	0,117	FALSE
0,021	0,303	0,000	0,012	0,009	FALSE
-0,017	0,310	0,000	0,007	0,000	FALSE
-0,024	0,309	-0,001	0,008	0,029	FALSE
-0,013	0,323	-0,001	0,013	0,028	FALSE
0,026	0,307	0,000	0,012	0,015	FALSE

0,016	0,296	0,000	0,011	0,013	FALSE
0,035	0,318	0,001	0,008	0,039	FALSE
0,027	0,309	0,000	0,009	0,010	FALSE
-0,005	0,312	0,000	0,008	0,007	FALSE
-0,017	0,312	0,000	0,007	0,016	FALSE
0,081	0,301	0,002	0,009	0,081	FALSE
0,060	0,305	0,002	0,011	0,061	FALSE
0,100	0,298	0,003	0,007	0,143	FALSE
0,122	0,311	0,003	0,007	0,156	FALSE
0,009	0,307	0,000	0,010	0,016	FALSE
0,028	0,312	0,002	0,012	0,054	FALSE
0,168	0,298	0,006	0,010	0,276	FALSE
0,092	0,315	0,002	0,007	0,139	FALSE
-0,002	0,308	0,000	0,012	0,001	FALSE
-0,057	0,295	-0,001	0,007	0,043	FALSE
-0,064	0,314	-0,003	0,013	0,084	FALSE
0,154	0,293	0,006	0,011	0,224	FALSE
-0,042	0,306	-0,001	0,009	0,049	FALSE
-0,097	0,304	-0,003	0,009	0,128	FALSE
0,040	0,304	0,001	0,009	0,061	FALSE
-0,040	0,325	-0,001	0,009	0,026	FALSE
0,100	0,302	0,004	0,012	0,128	FALSE
0,066	0,311	0,002	0,008	0,073	FALSE
-0,135	0,314	-0,006	0,012	0,204	FALSE
-0,050	0,307	-0,001	0,008	0,052	FALSE
0,029	0,293	0,002	0,009	0,084	FALSE
0,061	0,318	0,002	0,008	0,090	FALSE
-0,121	0,303	-0,004	0,011	0,155	FALSE
-0,110	0,312	-0,004	0,011	0,139	FALSE
-0,004	0,305	0,000	0,013	0,005	FALSE
-0,121	0,316	-0,004	0,011	0,155	FALSE
-0,126	0,312	-0,004	0,011	0,161	FALSE
-0,132	0,286	-0,005	0,010	0,197	FALSE
0,054	0,307	0,001	0,007	0,057	FALSE
-0,061	0,303	-0,002	0,009	0,089	FALSE
-0,022	0,313	0,000	0,011	0,011	FALSE
-0,100	0,301	-0,002	0,007	0,102	FALSE
0,131	0,288	0,003	0,009	0,142	FALSE
0,147	0,306	0,004	0,010	0,166	FALSE
-0,025	0,312	-0,001	0,010	0,034	FALSE
0,007	0,321	0,000	0,012	0,008	FALSE
-0,035	0,322	-0,002	0,013	0,054	FALSE
-0,010	0,297	0,000	0,007	0,015	FALSE
0,038	0,298	0,002	0,012	0,060	FALSE
0,004	0,304	0,000	0,011	0,016	FALSE
0,020	0,309	0,000	0,011	0,004	FALSE
-0,015	0,321	-0,002	0,013	0,047	FALSE
-0,096	0,311	-0,002	0,007	0,129	FALSE
-0,077	0,315	-0,003	0,010	0,120	FALSE
0,023	0,291	0,001	0,008	0,066	FALSE
0,091	0,292	0,003	0,012	0,080	FALSE
0,003	0,304	0,001	0,009	0,024	FALSE
-0,033	0,307	-0,001	0,008	0,030	FALSE

0,117	0,304	0,003	0,009	0,146	FALSE
0,049	0,314	0,002	0,011	0,079	FALSE
0,108	0,313	0,004	0,011	0,132	FALSE
-0,034	0,319	-0,001	0,009	0,030	FALSE
-0,031	0,318	-0,002	0,011	0,058	FALSE
0,010	0,315	0,000	0,008	0,021	FALSE
-0,037	0,304	-0,001	0,008	0,027	FALSE
0,085	0,299	0,003	0,010	0,107	FALSE
0,059	0,311	0,002	0,013	0,048	FALSE
0,018	0,303	0,000	0,009	0,005	FALSE
0,030	0,301	0,001	0,006	0,065	FALSE
-0,015	0,307	0,000	0,009	0,006	FALSE
-0,083	0,300	-0,002	0,007	0,125	FALSE
-0,017	0,308	0,000	0,009	0,015	FALSE
-0,094	0,298	-0,002	0,007	0,131	FALSE
-0,110	0,297	-0,003	0,008	0,159	FALSE
-0,030	0,308	-0,001	0,011	0,039	FALSE
-0,109	0,302	-0,004	0,010	0,173	FALSE
-0,072	0,304	-0,001	0,007	0,082	FALSE
0,051	0,316	0,001	0,008	0,070	FALSE
-0,076	0,298	-0,002	0,007	0,121	FALSE
-0,136	0,313	-0,004	0,009	0,204	FALSE
-0,015	0,317	-0,001	0,009	0,038	FALSE
-0,103	0,303	-0,003	0,007	0,149	FALSE
-0,064	0,302	-0,002	0,006	0,119	FALSE
-0,090	0,308	-0,003	0,010	0,104	FALSE
0,076	0,304	0,003	0,008	0,122	FALSE
-0,016	0,297	-0,001	0,011	0,048	FALSE
-0,028	0,313	-0,001	0,012	0,037	FALSE
0,047	0,300	0,002	0,012	0,054	FALSE
0,079	0,309	0,002	0,007	0,120	FALSE
-0,036	0,302	-0,001	0,007	0,051	FALSE
-0,029	0,302	-0,001	0,010	0,046	FALSE
0,015	0,318	0,000	0,013	0,008	FALSE
-0,134	0,301	-0,003	0,006	0,193	FALSE
0,043	0,323	0,001	0,008	0,043	FALSE
-0,005	0,310	0,000	0,008	0,003	FALSE
0,049	0,319	0,002	0,008	0,089	FALSE
0,179	0,294	0,005	0,008	0,252	FALSE
-0,032	0,315	-0,001	0,008	0,036	FALSE
0,010	0,302	0,001	0,012	0,028	FALSE
-0,112	0,301	-0,003	0,007	0,156	FALSE
-0,203	0,297	-0,004	0,007	0,272	FALSE
0,064	0,308	0,001	0,008	0,061	FALSE
-0,063	0,302	-0,001	0,006	0,067	FALSE
0,058	0,324	0,003	0,012	0,079	FALSE
0,066	0,284	0,002	0,012	0,055	FALSE
0,019	0,310	0,002	0,010	0,064	FALSE
-0,007	0,311	0,000	0,012	0,002	FALSE
-0,015	0,315	0,000	0,012	0,000	FALSE
-0,010	0,292	0,000	0,011	0,009	FALSE
0,116	0,297	0,003	0,008	0,159	FALSE
0,109	0,302	0,003	0,008	0,147	FALSE

0,140	0,294	0,004	0,008	0,200	FALSE
-0,031	0,310	-0,001	0,009	0,046	FALSE
0,005	0,298	0,000	0,011	0,008	FALSE
0,195	0,308	0,006	0,009	0,299	FALSE
0,002	0,313	0,000	0,008	0,000	FALSE
0,025	0,307	0,001	0,008	0,062	FALSE
0,053	0,313	0,001	0,012	0,043	FALSE
0,046	0,306	0,002	0,010	0,064	FALSE
0,027	0,314	0,001	0,011	0,017	FALSE
-0,008	0,309	0,000	0,006	0,003	FALSE
0,081	0,309	0,003	0,013	0,089	FALSE
0,070	0,308	0,003	0,011	0,100	FALSE
0,086	0,300	0,002	0,007	0,118	FALSE
0,024	0,299	0,000	0,006	0,004	FALSE
-0,098	0,317	-0,003	0,009	0,114	FALSE
-0,073	0,313	-0,002	0,009	0,068	FALSE
-0,014	0,319	0,000	0,009	0,008	FALSE
-0,053	0,300	-0,001	0,007	0,067	FALSE
-0,012	0,296	0,000	0,006	0,026	FALSE
0,029	0,299	0,002	0,011	0,052	FALSE
-0,011	0,297	0,000	0,012	0,015	FALSE
-0,007	0,293	0,000	0,012	0,012	FALSE
0,082	0,297	0,004	0,012	0,117	FALSE
-0,031	0,321	-0,001	0,013	0,026	FALSE
0,081	0,309	0,002	0,008	0,096	FALSE
0,053	0,291	0,002	0,012	0,057	FALSE
-0,047	0,310	-0,001	0,007	0,052	FALSE
-0,047	0,319	-0,001	0,010	0,052	FALSE
-0,050	0,308	-0,001	0,008	0,050	FALSE
0,003	0,294	0,000	0,006	0,010	FALSE
0,020	0,318	0,001	0,011	0,044	FALSE
-0,052	0,314	-0,002	0,011	0,058	FALSE
-0,034	0,318	-0,001	0,011	0,030	FALSE
0,133	0,318	0,003	0,007	0,153	FALSE
-0,084	0,319	-0,002	0,011	0,078	FALSE
0,000	0,323	0,000	0,009	0,018	FALSE
-0,020	0,301	0,000	0,011	0,001	FALSE
-0,001	0,317	0,000	0,013	0,003	FALSE
0,121	0,281	0,004	0,009	0,178	FALSE
0,117	0,318	0,003	0,009	0,139	FALSE
-0,046	0,310	-0,002	0,013	0,067	FALSE
0,193	0,299	0,006	0,009	0,283	FALSE
-0,073	0,296	-0,003	0,010	0,125	FALSE
-0,053	0,318	-0,002	0,010	0,065	FALSE
0,053	0,295	0,003	0,010	0,113	FALSE
0,039	0,303	0,001	0,009	0,043	FALSE
-0,078	0,307	-0,002	0,007	0,103	FALSE
0,126	0,313	0,003	0,007	0,150	FALSE
0,022	0,315	0,000	0,010	0,003	FALSE
0,021	0,306	0,001	0,010	0,046	FALSE
-0,120	0,311	-0,003	0,007	0,172	FALSE
0,064	0,318	0,002	0,013	0,065	FALSE
0,046	0,310	0,001	0,008	0,050	FALSE

-0,018	0,304	-0,001	0,006	0,061	FALSE
0,009	0,305	0,000	0,009	0,006	FALSE
-0,063	0,311	-0,002	0,009	0,067	FALSE
0,036	0,301	0,001	0,006	0,031	FALSE
0,109	0,313	0,004	0,010	0,165	FALSE
0,012	0,311	0,000	0,006	0,012	FALSE
0,036	0,314	0,001	0,008	0,028	FALSE
-0,174	0,315	-0,005	0,008	0,246	FALSE
-0,156	0,282	-0,005	0,011	0,194	FALSE
-0,013	0,303	0,000	0,007	0,022	FALSE
-0,116	0,314	-0,004	0,013	0,131	FALSE
0,125	0,289	0,005	0,012	0,170	FALSE
-0,108	0,309	-0,005	0,012	0,159	FALSE
0,032	0,318	0,001	0,013	0,035	FALSE
-0,094	0,314	-0,004	0,013	0,127	FALSE
0,031	0,303	0,001	0,011	0,045	FALSE
-0,007	0,325	0,000	0,007	0,005	FALSE
0,086	0,305	0,001	0,006	0,074	FALSE
-0,031	0,311	-0,001	0,011	0,040	FALSE
-0,022	0,311	-0,001	0,011	0,020	FALSE
0,021	0,308	0,001	0,009	0,021	FALSE
0,016	0,314	0,001	0,011	0,027	FALSE
0,051	0,297	0,001	0,009	0,057	FALSE
-0,019	0,312	-0,001	0,010	0,022	FALSE
-0,020	0,309	-0,001	0,010	0,023	FALSE
0,069	0,309	0,003	0,012	0,095	FALSE
0,027	0,305	0,001	0,011	0,048	FALSE
-0,044	0,309	-0,001	0,010	0,050	FALSE
0,057	0,300	0,001	0,008	0,055	FALSE
0,087	0,300	0,003	0,012	0,077	FALSE
0,003	0,327	0,001	0,011	0,019	FALSE
-0,010	0,302	-0,001	0,012	0,020	FALSE
0,114	0,300	0,002	0,007	0,114	FALSE
-0,006	0,301	-0,001	0,007	0,030	FALSE
0,028	0,310	0,001	0,011	0,029	FALSE
0,000	0,317	0,000	0,012	0,006	FALSE
-0,078	0,289	-0,002	0,006	0,093	FALSE
0,103	0,317	0,004	0,013	0,126	FALSE
0,021	0,312	0,001	0,009	0,043	FALSE
0,011	0,293	0,000	0,007	0,014	FALSE
0,109	0,314	0,004	0,012	0,122	FALSE
-0,002	0,307	-0,001	0,010	0,023	FALSE
0,004	0,318	0,000	0,010	0,014	FALSE
-0,110	0,306	-0,003	0,009	0,127	FALSE
0,126	0,305	0,003	0,007	0,164	FALSE
-0,017	0,314	0,000	0,010	0,004	FALSE
-0,019	0,306	0,000	0,007	0,020	FALSE
-0,122	0,278	-0,005	0,012	0,169	FALSE
-0,131	0,304	-0,005	0,012	0,186	FALSE
0,140	0,308	0,005	0,011	0,189	FALSE
0,027	0,307	0,001	0,008	0,022	FALSE
0,021	0,299	0,001	0,012	0,037	FALSE
0,017	0,327	0,001	0,013	0,018	FALSE

-0,048	0,294	-0,002	0,008	0,079	FALSE
-0,046	0,310	-0,001	0,008	0,068	FALSE
0,044	0,309	0,002	0,013	0,063	FALSE
-0,100	0,313	-0,004	0,010	0,157	FALSE
0,061	0,328	0,002	0,011	0,079	FALSE
0,038	0,295	0,001	0,012	0,039	FALSE
-0,133	0,311	-0,003	0,008	0,154	FALSE
-0,105	0,298	-0,003	0,008	0,141	FALSE
0,077	0,304	0,002	0,007	0,114	FALSE
-0,116	0,302	-0,003	0,008	0,147	FALSE
-0,169	0,302	-0,007	0,011	0,276	FALSE
-0,103	0,293	-0,004	0,011	0,160	FALSE
-0,118	0,297	-0,005	0,011	0,183	FALSE
0,083	0,309	0,004	0,012	0,111	FALSE
0,056	0,317	0,001	0,009	0,059	FALSE
0,128	0,292	0,006	0,012	0,190	FALSE
-0,001	0,310	0,000	0,007	0,005	FALSE
-0,010	0,298	-0,001	0,012	0,029	FALSE
0,122	0,315	0,003	0,009	0,161	FALSE
-0,048	0,318	-0,002	0,011	0,062	FALSE
-0,002	0,304	0,000	0,006	0,012	FALSE
-0,022	0,319	-0,001	0,013	0,014	FALSE
0,102	0,302	0,004	0,012	0,132	FALSE
0,127	0,292	0,006	0,012	0,189	FALSE
0,112	0,306	0,004	0,013	0,134	FALSE
-0,114	0,294	-0,004	0,012	0,141	FALSE
-0,139	0,301	-0,005	0,010	0,220	FALSE
-0,136	0,306	-0,005	0,011	0,193	FALSE
0,166	0,306	0,004	0,007	0,227	FALSE
-0,030	0,304	-0,001	0,010	0,027	FALSE
0,004	0,319	0,000	0,007	0,022	FALSE
0,121	0,308	0,005	0,012	0,175	FALSE
0,181	0,308	0,007	0,012	0,267	FALSE
0,184	0,301	0,007	0,012	0,262	FALSE
0,142	0,297	0,004	0,007	0,232	FALSE
-0,057	0,316	-0,003	0,013	0,082	FALSE
-0,031	0,321	-0,001	0,013	0,036	FALSE
-0,049	0,316	-0,001	0,010	0,046	FALSE
0,144	0,307	0,004	0,008	0,191	FALSE
0,072	0,290	0,003	0,008	0,122	FALSE
-0,063	0,310	-0,002	0,012	0,064	FALSE
-0,060	0,304	-0,002	0,009	0,080	FALSE
0,058	0,304	0,002	0,008	0,084	FALSE
0,028	0,310	0,001	0,010	0,018	FALSE
-0,002	0,324	-0,001	0,010	0,020	FALSE
0,122	0,295	0,003	0,007	0,170	FALSE
0,015	0,307	0,001	0,009	0,038	FALSE
0,050	0,290	0,001	0,007	0,052	FALSE
0,044	0,310	0,002	0,013	0,044	FALSE
0,004	0,315	0,001	0,010	0,019	FALSE
0,071	0,300	0,002	0,011	0,070	FALSE
0,069	0,301	0,002	0,012	0,064	FALSE
0,057	0,303	0,002	0,012	0,062	FALSE

0,068	0,320	0,002	0,010	0,080	FALSE
0,000	0,302	0,000	0,008	0,023	FALSE
-0,003	0,317	0,000	0,009	0,015	FALSE
-0,013	0,304	-0,001	0,007	0,028	FALSE
0,092	0,298	0,001	0,007	0,080	FALSE
0,083	0,300	0,003	0,011	0,094	FALSE
-0,092	0,305	-0,004	0,013	0,132	FALSE
-0,003	0,304	-0,001	0,012	0,042	FALSE
-0,023	0,303	0,001	0,012	0,025	FALSE
0,003	0,310	0,000	0,008	0,007	FALSE
0,017	0,288	0,000	0,007	0,018	FALSE
0,133	0,306	0,005	0,012	0,171	FALSE
-0,038	0,307	-0,001	0,008	0,032	FALSE
-0,088	0,314	-0,004	0,011	0,123	FALSE
0,067	0,311	0,003	0,010	0,108	FALSE
0,091	0,319	0,003	0,010	0,125	FALSE
-0,081	0,314	-0,002	0,009	0,085	FALSE
0,073	0,303	0,002	0,010	0,077	FALSE
0,000	0,324	0,000	0,012	0,003	FALSE
-0,038	0,308	-0,001	0,012	0,047	FALSE
0,005	0,310	0,000	0,008	0,019	FALSE
-0,004	0,315	0,000	0,012	0,007	FALSE
0,010	0,319	0,000	0,007	0,004	FALSE
-0,008	0,301	0,000	0,013	0,009	FALSE
0,081	0,313	0,003	0,013	0,082	FALSE
-0,094	0,311	-0,003	0,013	0,095	FALSE
0,131	0,302	0,003	0,007	0,161	FALSE
0,023	0,293	0,001	0,009	0,033	FALSE
0,049	0,309	0,001	0,011	0,042	FALSE
0,033	0,312	0,001	0,011	0,041	FALSE
-0,014	0,315	-0,001	0,011	0,029	FALSE
0,053	0,305	0,001	0,006	0,082	FALSE
0,051	0,306	0,001	0,007	0,085	FALSE
0,013	0,321	0,001	0,010	0,029	FALSE
-0,062	0,311	-0,001	0,007	0,045	FALSE
-0,060	0,322	-0,001	0,007	0,067	FALSE
0,005	0,295	0,001	0,007	0,033	FALSE
0,077	0,302	0,002	0,012	0,060	FALSE
0,023	0,309	0,001	0,013	0,015	FALSE
-0,087	0,315	-0,003	0,010	0,096	FALSE
-0,190	0,305	-0,009	0,013	0,291	FALSE
-0,127	0,308	-0,005	0,011	0,192	FALSE
0,094	0,302	0,002	0,008	0,110	FALSE
0,048	0,314	0,002	0,009	0,080	FALSE
0,045	0,315	0,001	0,011	0,040	FALSE
-0,100	0,295	-0,003	0,008	0,134	FALSE
0,048	0,323	0,002	0,012	0,060	FALSE
0,105	0,302	0,002	0,007	0,124	FALSE
0,127	0,315	0,003	0,008	0,151	FALSE
0,087	0,313	0,003	0,011	0,118	FALSE
0,061	0,294	0,002	0,008	0,071	FALSE
0,051	0,294	0,002	0,012	0,073	FALSE
-0,046	0,316	-0,001	0,007	0,025	FALSE

0,104	0,294	0,005	0,013	0,159	FALSE
-0,076	0,328	-0,003	0,013	0,094	FALSE
0,029	0,316	0,001	0,011	0,026	FALSE
0,052	0,312	0,002	0,011	0,059	FALSE
0,052	0,309	0,001	0,007	0,068	FALSE
0,062	0,303	0,003	0,012	0,079	FALSE
-0,021	0,314	-0,001	0,012	0,032	FALSE
-0,075	0,303	-0,002	0,009	0,079	FALSE
0,037	0,305	0,001	0,008	0,058	FALSE
0,057	0,308	0,001	0,007	0,047	FALSE
0,049	0,309	0,001	0,007	0,045	FALSE
-0,111	0,308	-0,003	0,007	0,140	FALSE
0,010	0,310	0,000	0,011	0,005	FALSE
-0,130	0,297	-0,004	0,009	0,161	FALSE
0,037	0,312	0,002	0,009	0,061	FALSE
0,049	0,315	0,001	0,011	0,034	FALSE
0,027	0,319	0,000	0,012	0,006	FALSE
-0,160	0,299	-0,004	0,007	0,231	FALSE
0,128	0,306	0,003	0,008	0,167	FALSE
0,099	0,306	0,003	0,009	0,139	FALSE
-0,050	0,308	-0,001	0,006	0,047	FALSE
-0,135	0,308	-0,003	0,007	0,219	FALSE
-0,062	0,277	-0,001	0,007	0,046	FALSE
-0,032	0,300	0,000	0,010	0,014	FALSE
0,043	0,308	0,001	0,006	0,059	FALSE
-0,005	0,297	-0,001	0,013	0,015	FALSE
0,010	0,310	0,001	0,013	0,027	FALSE
-0,041	0,314	-0,001	0,009	0,044	FALSE
-0,103	0,300	-0,003	0,008	0,149	FALSE
-0,077	0,296	-0,002	0,007	0,127	FALSE
-0,033	0,309	-0,002	0,011	0,065	FALSE
-0,067	0,311	-0,002	0,009	0,080	FALSE
0,003	0,291	0,000	0,011	0,008	FALSE
-0,056	0,310	-0,003	0,012	0,094	FALSE
-0,074	0,307	-0,001	0,007	0,082	FALSE
0,032	0,302	0,001	0,008	0,045	FALSE
0,012	0,312	0,000	0,012	0,005	FALSE
-0,017	0,324	0,000	0,009	0,013	FALSE
-0,043	0,318	-0,002	0,013	0,058	FALSE
0,042	0,300	0,002	0,008	0,072	FALSE
0,125	0,317	0,003	0,006	0,179	FALSE
0,012	0,310	0,001	0,013	0,020	FALSE
-0,051	0,303	-0,001	0,006	0,058	FALSE
0,114	0,303	0,004	0,012	0,138	FALSE
0,160	0,303	0,003	0,007	0,188	FALSE
0,004	0,308	0,000	0,010	0,009	FALSE
-0,070	0,301	-0,002	0,009	0,084	FALSE
0,011	0,312	0,001	0,009	0,025	FALSE
-0,040	0,303	-0,001	0,010	0,049	FALSE
0,033	0,310	0,000	0,007	0,018	FALSE
-0,094	0,312	-0,002	0,007	0,111	FALSE
-0,101	0,309	-0,004	0,013	0,119	FALSE
0,109	0,293	0,004	0,012	0,126	FALSE

-0,056	0,316	-0,002	0,012	0,045	FALSE
-0,020	0,318	-0,001	0,010	0,031	FALSE
-0,045	0,300	-0,002	0,008	0,074	FALSE
-0,011	0,318	-0,001	0,014	0,017	FALSE
-0,168	0,295	-0,005	0,010	0,203	FALSE
-0,082	0,302	-0,003	0,009	0,105	FALSE
-0,162	0,303	-0,004	0,007	0,215	TRUE
0,032	0,304	0,001	0,008	0,048	FALSE
0,077	0,302	0,004	0,012	0,117	FALSE
0,118	0,296	0,006	0,012	0,196	FALSE
0,013	0,310	0,000	0,012	0,001	FALSE
0,131	0,311	0,004	0,009	0,163	FALSE
-0,036	0,322	-0,001	0,009	0,047	FALSE
-0,038	0,293	-0,001	0,008	0,047	FALSE
0,032	0,319	0,001	0,009	0,042	FALSE
0,071	0,287	0,002	0,010	0,075	FALSE
-0,006	0,314	0,000	0,007	0,009	FALSE
-0,074	0,318	-0,002	0,006	0,105	FALSE
-0,062	0,319	-0,002	0,013	0,069	FALSE
-0,056	0,294	-0,003	0,011	0,111	FALSE
-0,011	0,307	0,000	0,007	0,012	FALSE
0,092	0,302	0,002	0,008	0,085	FALSE
0,011	0,317	-0,001	0,011	0,020	FALSE
-0,049	0,322	-0,001	0,010	0,052	FALSE
-0,088	0,312	-0,004	0,012	0,113	FALSE
0,060	0,297	0,002	0,008	0,092	FALSE
0,062	0,307	0,002	0,009	0,098	FALSE
-0,015	0,305	-0,001	0,007	0,033	FALSE
0,083	0,296	0,002	0,007	0,094	FALSE
-0,099	0,306	-0,003	0,007	0,178	FALSE
0,057	0,306	0,002	0,008	0,077	FALSE
0,111	0,299	0,003	0,008	0,126	FALSE
-0,001	0,303	-0,001	0,012	0,019	FALSE
-0,012	0,316	-0,001	0,013	0,027	FALSE
0,065	0,304	0,002	0,008	0,068	FALSE
0,033	0,306	0,000	0,006	0,016	FALSE
-0,027	0,312	-0,001	0,007	0,066	FALSE
0,095	0,309	0,002	0,008	0,111	FALSE
-0,123	0,318	-0,005	0,012	0,175	FALSE
-0,132	0,305	-0,006	0,012	0,195	FALSE
0,115	0,308	0,003	0,007	0,141	FALSE
-0,049	0,327	-0,002	0,012	0,066	FALSE
-0,008	0,320	0,000	0,007	0,006	FALSE
0,125	0,312	0,003	0,009	0,165	FALSE
-0,077	0,288	-0,002	0,007	0,092	FALSE
-0,013	0,310	-0,001	0,012	0,035	FALSE
0,119	0,311	0,003	0,010	0,139	FALSE
0,115	0,308	0,005	0,010	0,200	FALSE
-0,047	0,304	-0,001	0,009	0,051	FALSE
-0,104	0,320	-0,003	0,008	0,150	FALSE
-0,017	0,316	-0,001	0,007	0,046	FALSE
-0,004	0,314	0,000	0,009	0,005	FALSE
0,056	0,296	0,002	0,009	0,093	FALSE

0,032	0,319	0,001	0,008	0,023	FALSE
-0,044	0,305	-0,002	0,013	0,052	FALSE
0,040	0,302	0,001	0,007	0,062	FALSE
0,080	0,315	0,003	0,011	0,099	FALSE
0,000	0,298	0,001	0,012	0,042	FALSE
-0,038	0,310	-0,001	0,008	0,025	FALSE
-0,057	0,306	-0,002	0,012	0,073	FALSE
-0,061	0,304	-0,001	0,007	0,083	FALSE
-0,015	0,305	-0,001	0,012	0,023	FALSE
0,010	0,293	-0,001	0,012	0,016	FALSE
0,003	0,306	0,000	0,011	0,015	FALSE
-0,064	0,315	-0,002	0,007	0,105	FALSE
-0,099	0,308	-0,003	0,009	0,119	FALSE
-0,023	0,310	-0,002	0,010	0,070	FALSE
0,017	0,314	0,000	0,011	0,000	FALSE
-0,024	0,302	-0,002	0,012	0,068	FALSE
-0,076	0,321	-0,002	0,010	0,096	FALSE
-0,087	0,308	-0,004	0,012	0,136	FALSE
0,035	0,292	0,001	0,011	0,035	FALSE
0,040	0,290	0,001	0,012	0,033	FALSE
0,033	0,316	0,001	0,013	0,030	FALSE
-0,072	0,306	-0,003	0,013	0,084	FALSE
-0,002	0,319	0,000	0,007	0,006	FALSE
0,049	0,311	0,002	0,012	0,053	FALSE
0,040	0,310	0,001	0,012	0,034	FALSE
-0,121	0,298	-0,002	0,007	0,136	FALSE
-0,201	0,292	-0,008	0,012	0,316	FALSE
-0,066	0,290	-0,001	0,007	0,081	FALSE
-0,009	0,311	-0,001	0,012	0,020	FALSE
-0,109	0,307	-0,004	0,013	0,115	FALSE
-0,055	0,296	-0,002	0,012	0,050	FALSE
0,082	0,303	0,004	0,011	0,128	FALSE
0,064	0,306	0,002	0,010	0,065	FALSE
-0,028	0,303	0,000	0,007	0,007	FALSE
0,198	0,296	0,005	0,007	0,273	FALSE
0,037	0,305	0,001	0,006	0,051	FALSE
0,179	0,306	0,004	0,008	0,245	FALSE
0,265	0,298	0,008	0,009	0,395	FALSE
-0,056	0,305	-0,002	0,010	0,069	FALSE
-0,005	0,317	0,000	0,013	0,012	FALSE
0,032	0,311	0,001	0,007	0,031	FALSE
0,013	0,309	0,000	0,009	0,016	FALSE
-0,068	0,306	-0,002	0,012	0,077	FALSE
-0,008	0,312	-0,001	0,010	0,018	FALSE
0,025	0,301	0,001	0,010	0,029	FALSE
0,002	0,306	0,000	0,009	0,008	FALSE
0,020	0,295	0,002	0,013	0,048	FALSE
-0,110	0,309	-0,003	0,009	0,144	FALSE
-0,144	0,294	-0,004	0,009	0,221	FALSE
-0,109	0,301	-0,003	0,008	0,156	FALSE
-0,107	0,307	-0,003	0,009	0,150	FALSE
0,058	0,311	0,002	0,007	0,085	FALSE
0,049	0,302	0,001	0,008	0,070	FALSE

0,063	0,327	0,002	0,009	0,088	FALSE
0,030	0,309	0,001	0,009	0,029	FALSE
0,092	0,311	0,003	0,013	0,095	FALSE
0,136	0,305	0,004	0,010	0,169	FALSE
-0,022	0,308	0,000	0,010	0,015	FALSE
-0,092	0,285	-0,004	0,012	0,125	FALSE
-0,048	0,304	-0,002	0,013	0,055	FALSE
-0,022	0,313	-0,001	0,009	0,027	FALSE
-0,093	0,303	-0,004	0,012	0,128	FALSE
0,096	0,298	0,003	0,013	0,104	FALSE
-0,190	0,295	-0,008	0,011	0,311	FALSE
0,014	0,309	0,001	0,011	0,036	FALSE
0,077	0,306	0,004	0,011	0,121	FALSE
0,005	0,315	0,000	0,009	0,010	FALSE
-0,110	0,307	-0,003	0,009	0,130	FALSE
0,038	0,294	0,001	0,009	0,060	FALSE
-0,085	0,307	-0,002	0,009	0,106	FALSE
-0,097	0,310	-0,003	0,009	0,149	FALSE
-0,027	0,304	0,000	0,007	0,020	FALSE
-0,020	0,304	0,000	0,006	0,005	FALSE
-0,048	0,315	-0,002	0,013	0,061	FALSE
0,058	0,300	0,002	0,008	0,103	FALSE
0,080	0,311	0,004	0,012	0,118	FALSE
-0,105	0,299	-0,003	0,008	0,145	FALSE
-0,027	0,305	-0,001	0,013	0,020	FALSE
0,054	0,320	0,002	0,013	0,053	FALSE
-0,164	0,293	-0,004	0,006	0,249	FALSE
-0,050	0,297	-0,001	0,008	0,065	FALSE
-0,078	0,301	-0,002	0,010	0,081	FALSE
0,013	0,309	0,000	0,007	0,016	FALSE
-0,128	0,297	-0,004	0,009	0,150	FALSE
0,028	0,307	0,001	0,006	0,044	FALSE
0,048	0,310	0,001	0,007	0,070	FALSE
-0,134	0,303	-0,003	0,007	0,180	FALSE
0,040	0,297	0,001	0,007	0,057	FALSE
-0,012	0,298	-0,001	0,012	0,020	FALSE
-0,052	0,276	-0,001	0,006	0,068	FALSE
0,041	0,300	0,001	0,007	0,040	FALSE
0,016	0,304	0,000	0,006	0,017	FALSE
-0,025	0,305	0,000	0,007	0,011	FALSE
0,117	0,301	0,004	0,008	0,202	FALSE
0,135	0,307	0,006	0,013	0,200	FALSE
0,014	0,303	0,000	0,009	0,015	FALSE
0,030	0,308	0,001	0,009	0,050	FALSE
0,009	0,301	0,000	0,007	0,016	FALSE
-0,089	0,313	-0,003	0,010	0,117	FALSE
-0,063	0,304	-0,002	0,008	0,088	FALSE
0,016	0,311	0,000	0,010	0,015	FALSE
-0,024	0,322	-0,001	0,008	0,032	FALSE
0,020	0,311	0,001	0,012	0,026	FALSE
-0,147	0,301	-0,003	0,008	0,192	FALSE
0,140	0,301	0,004	0,009	0,188	FALSE
-0,071	0,295	-0,002	0,010	0,088	FALSE

0,010	0,303	0,000	0,007	0,012	FALSE
0,054	0,305	0,001	0,013	0,036	FALSE
0,060	0,318	0,002	0,007	0,084	FALSE
-0,066	0,325	-0,002	0,011	0,068	FALSE
-0,096	0,315	-0,002	0,007	0,114	FALSE
-0,013	0,295	0,001	0,013	0,017	FALSE
0,040	0,319	0,001	0,010	0,037	FALSE
0,009	0,295	0,001	0,011	0,051	FALSE
-0,070	0,306	-0,003	0,011	0,103	FALSE
-0,047	0,308	-0,002	0,011	0,079	FALSE
-0,058	0,299	-0,001	0,007	0,076	FALSE
-0,117	0,299	-0,005	0,011	0,173	FALSE
-0,095	0,291	-0,004	0,010	0,156	FALSE
-0,076	0,317	-0,002	0,008	0,090	FALSE
-0,116	0,304	-0,004	0,012	0,136	FALSE
-0,030	0,323	-0,001	0,011	0,023	FALSE
-0,051	0,313	-0,001	0,010	0,036	FALSE
-0,180	0,299	-0,008	0,012	0,282	FALSE
-0,046	0,305	-0,001	0,007	0,059	FALSE
0,099	0,328	0,003	0,011	0,121	FALSE
0,033	0,307	0,001	0,007	0,039	FALSE
0,026	0,296	0,001	0,009	0,036	FALSE
-0,133	0,305	-0,006	0,013	0,191	FALSE
-0,036	0,304	-0,001	0,008	0,049	FALSE
-0,145	0,298	-0,003	0,008	0,168	FALSE
0,132	0,291	0,004	0,010	0,175	FALSE
-0,039	0,299	-0,001	0,009	0,059	FALSE
0,124	0,294	0,003	0,007	0,159	FALSE
0,051	0,307	0,001	0,007	0,045	FALSE
0,053	0,315	0,002	0,008	0,098	FALSE
-0,084	0,311	-0,002	0,007	0,088	FALSE
-0,163	0,301	-0,006	0,012	0,214	FALSE
0,218	0,296	0,004	0,006	0,283	FALSE
0,148	0,302	0,004	0,008	0,211	FALSE
-0,095	0,286	-0,002	0,006	0,140	FALSE
0,005	0,309	0,000	0,010	0,001	FALSE
-0,059	0,307	-0,002	0,013	0,062	FALSE
0,169	0,292	0,003	0,007	0,193	FALSE
0,071	0,305	0,002	0,006	0,109	FALSE
0,085	0,293	0,002	0,007	0,138	FALSE
-0,085	0,314	-0,002	0,011	0,071	FALSE
-0,054	0,299	-0,001	0,007	0,065	FALSE
-0,078	0,299	-0,002	0,008	0,086	FALSE
-0,031	0,304	-0,001	0,009	0,024	FALSE
-0,080	0,313	-0,002	0,008	0,087	FALSE
-0,074	0,303	-0,002	0,008	0,085	FALSE
0,049	0,327	0,002	0,012	0,065	FALSE
0,006	0,307	0,000	0,009	0,010	FALSE
-0,141	0,297	-0,003	0,007	0,180	FALSE
-0,026	0,297	0,000	0,012	0,008	FALSE
0,036	0,317	0,001	0,009	0,039	FALSE
-0,078	0,313	-0,003	0,010	0,113	FALSE
0,005	0,315	0,000	0,008	0,014	FALSE

-0,114	0,294	-0,005	0,010	0,203	FALSE
-0,066	0,308	-0,003	0,011	0,103	FALSE
-0,030	0,300	-0,001	0,011	0,035	FALSE
-0,010	0,311	0,000	0,007	0,018	FALSE
-0,123	0,319	-0,003	0,007	0,154	FALSE
0,052	0,307	0,001	0,010	0,043	FALSE
-0,033	0,304	-0,001	0,012	0,044	FALSE
0,081	0,306	0,002	0,007	0,128	FALSE
0,154	0,299	0,003	0,007	0,204	FALSE
-0,017	0,321	0,000	0,010	0,013	FALSE
0,029	0,310	0,001	0,012	0,033	FALSE
0,039	0,311	0,002	0,012	0,047	FALSE
0,070	0,314	0,003	0,012	0,089	FALSE
-0,063	0,318	-0,002	0,009	0,081	FALSE
0,018	0,297	0,001	0,012	0,024	FALSE
-0,012	0,324	0,000	0,007	0,002	FALSE
0,012	0,314	0,000	0,007	0,002	FALSE
0,021	0,299	0,001	0,007	0,038	FALSE
-0,101	0,316	-0,003	0,008	0,148	FALSE
-0,077	0,302	-0,001	0,007	0,066	FALSE
0,090	0,303	0,004	0,012	0,136	FALSE
-0,031	0,301	-0,001	0,008	0,059	FALSE
0,084	0,295	0,004	0,012	0,142	FALSE
0,196	0,316	0,004	0,007	0,270	FALSE
-0,100	0,305	-0,003	0,009	0,148	FALSE
0,020	0,319	0,000	0,008	0,005	FALSE
-0,164	0,303	-0,007	0,012	0,242	FALSE
0,032	0,309	0,001	0,013	0,040	FALSE
0,069	0,302	0,001	0,009	0,055	FALSE
-0,008	0,318	0,000	0,008	0,017	FALSE
-0,031	0,307	0,000	0,007	0,021	FALSE
0,065	0,309	0,002	0,006	0,098	FALSE
-0,011	0,310	0,000	0,009	0,008	FALSE
-0,126	0,301	-0,003	0,006	0,181	FALSE
-0,026	0,290	0,000	0,006	0,002	FALSE
0,101	0,311	0,003	0,009	0,135	FALSE
0,049	0,305	0,001	0,007	0,038	FALSE
0,110	0,294	0,003	0,007	0,180	FALSE
0,055	0,317	0,002	0,007	0,093	FALSE
0,004	0,299	0,000	0,006	0,004	FALSE
-0,042	0,307	-0,001	0,010	0,034	FALSE
0,154	0,299	0,006	0,012	0,208	FALSE
0,013	0,314	0,000	0,013	0,009	FALSE
0,004	0,309	0,000	0,012	0,008	FALSE
0,051	0,320	0,002	0,013	0,068	FALSE
-0,092	0,320	-0,003	0,010	0,107	FALSE
-0,090	0,307	-0,002	0,008	0,106	FALSE
0,012	0,304	0,000	0,007	0,010	FALSE
-0,073	0,310	-0,003	0,012	0,094	FALSE
-0,033	0,296	-0,002	0,011	0,057	FALSE
0,046	0,317	0,001	0,011	0,043	FALSE
0,038	0,304	0,001	0,013	0,028	FALSE
0,045	0,309	0,002	0,010	0,076	FALSE

-0,020	0,299	-0,001	0,008	0,024	FALSE
-0,006	0,306	0,001	0,009	0,021	FALSE
-0,043	0,303	-0,001	0,009	0,040	FALSE
0,049	0,297	0,002	0,012	0,070	FALSE
-0,115	0,308	-0,005	0,011	0,178	FALSE
0,077	0,286	0,002	0,009	0,082	FALSE
0,088	0,303	0,003	0,010	0,123	FALSE
0,056	0,296	0,002	0,011	0,067	FALSE
0,081	0,305	0,002	0,006	0,102	FALSE
0,047	0,306	0,001	0,009	0,044	FALSE
0,142	0,299	0,003	0,008	0,183	FALSE
0,135	0,305	0,004	0,008	0,182	FALSE
-0,030	0,308	-0,001	0,013	0,041	FALSE
-0,039	0,299	-0,001	0,012	0,036	FALSE
-0,171	0,311	-0,005	0,009	0,250	FALSE
0,145	0,306	0,003	0,007	0,189	FALSE
0,036	0,311	0,002	0,012	0,049	FALSE
0,061	0,306	0,002	0,012	0,054	FALSE
0,026	0,312	0,000	0,012	0,009	FALSE
0,004	0,315	0,000	0,013	0,000	FALSE
0,024	0,294	0,000	0,012	0,006	FALSE
0,017	0,308	0,000	0,012	0,000	FALSE
0,236	0,275	0,010	0,013	0,341	FALSE
0,048	0,309	0,002	0,006	0,106	FALSE
-0,059	0,301	-0,003	0,011	0,094	FALSE
-0,087	0,312	-0,002	0,007	0,116	FALSE
-0,081	0,303	-0,002	0,007	0,119	FALSE
0,057	0,312	0,001	0,013	0,038	FALSE
0,060	0,308	0,002	0,010	0,087	FALSE
0,075	0,319	0,002	0,006	0,126	FALSE
0,012	0,295	0,000	0,012	0,001	FALSE
0,222	0,304	0,007	0,009	0,327	FALSE
0,158	0,303	0,005	0,010	0,217	FALSE
0,004	0,311	0,001	0,013	0,021	FALSE
-0,007	0,320	0,000	0,013	0,001	FALSE
0,043	0,292	0,001	0,008	0,063	FALSE
0,075	0,303	0,002	0,011	0,072	FALSE
-0,078	0,314	-0,003	0,009	0,145	FALSE
-0,093	0,304	-0,005	0,012	0,150	FALSE
-0,062	0,303	-0,003	0,012	0,085	FALSE
-0,162	0,300	-0,006	0,009	0,280	FALSE
-0,103	0,299	-0,005	0,011	0,187	FALSE
-0,053	0,289	-0,001	0,007	0,075	FALSE
-0,001	0,305	0,000	0,013	0,009	FALSE
0,022	0,311	0,001	0,011	0,030	FALSE
0,003	0,306	-0,001	0,012	0,020	FALSE
-0,064	0,301	-0,002	0,008	0,099	FALSE
-0,084	0,301	-0,002	0,008	0,121	FALSE
-0,138	0,310	-0,003	0,007	0,200	FALSE
0,237	0,285	0,006	0,008	0,367	FALSE
0,069	0,303	0,001	0,010	0,050	FALSE
-0,109	0,315	-0,005	0,013	0,155	FALSE
-0,064	0,302	-0,003	0,012	0,086	FALSE

-0,074	0,303	-0,003	0,012	0,105	FALSE
-0,063	0,309	-0,003	0,012	0,086	FALSE
-0,076	0,307	-0,003	0,012	0,114	FALSE
0,005	0,306	0,000	0,010	0,001	FALSE
0,093	0,312	0,003	0,007	0,146	FALSE
-0,072	0,303	-0,004	0,012	0,111	FALSE
-0,067	0,323	-0,001	0,008	0,061	FALSE
-0,007	0,320	0,000	0,011	0,005	FALSE
0,005	0,310	0,000	0,013	0,009	FALSE
-0,068	0,291	-0,003	0,010	0,100	FALSE
-0,087	0,301	-0,003	0,010	0,124	FALSE
0,039	0,312	0,001	0,013	0,032	FALSE
0,104	0,320	0,003	0,009	0,127	FALSE
-0,094	0,315	-0,003	0,013	0,085	FALSE
0,025	0,305	0,001	0,010	0,020	FALSE
-0,052	0,298	-0,001	0,008	0,047	FALSE
-0,074	0,299	-0,002	0,009	0,074	FALSE
-0,050	0,311	-0,002	0,008	0,080	FALSE
-0,032	0,299	-0,001	0,008	0,032	FALSE
-0,035	0,314	-0,002	0,012	0,062	FALSE
-0,127	0,307	-0,003	0,007	0,167	FALSE
-0,084	0,302	-0,002	0,008	0,112	FALSE
0,040	0,299	0,001	0,010	0,048	FALSE
0,020	0,306	0,001	0,007	0,028	FALSE
-0,021	0,305	0,000	0,008	0,017	FALSE
0,060	0,312	0,001	0,007	0,068	FALSE
-0,032	0,320	-0,001	0,010	0,050	FALSE
-0,009	0,296	0,000	0,008	0,002	FALSE
0,010	0,317	0,001	0,009	0,020	FALSE
0,036	0,317	0,001	0,011	0,048	FALSE
0,025	0,317	0,001	0,012	0,044	FALSE
0,015	0,313	0,000	0,007	0,012	FALSE
0,050	0,310	0,002	0,011	0,056	FALSE
-0,029	0,317	-0,001	0,010	0,030	FALSE
-0,035	0,299	-0,001	0,010	0,029	FALSE
-0,037	0,312	-0,002	0,009	0,084	FALSE
0,063	0,303	0,001	0,007	0,074	FALSE
-0,048	0,303	-0,003	0,013	0,089	FALSE
-0,129	0,310	-0,004	0,011	0,161	FALSE
0,053	0,295	0,002	0,007	0,114	FALSE
-0,028	0,313	-0,001	0,013	0,015	FALSE
0,014	0,307	0,001	0,010	0,029	FALSE
0,059	0,309	0,001	0,008	0,063	FALSE
0,009	0,306	0,000	0,011	0,003	FALSE
-0,074	0,319	-0,002	0,009	0,081	FALSE
-0,120	0,306	-0,004	0,009	0,161	FALSE
-0,024	0,315	0,000	0,008	0,012	FALSE
-0,004	0,303	0,000	0,007	0,024	FALSE
0,005	0,285	0,002	0,012	0,055	FALSE
-0,032	0,312	-0,001	0,007	0,064	FALSE
0,040	0,306	0,001	0,010	0,040	FALSE
0,041	0,298	0,001	0,008	0,054	FALSE
0,029	0,305	0,002	0,009	0,076	FALSE

-0,025	0,312	-0,001	0,011	0,026	FALSE
0,041	0,316	0,001	0,007	0,050	FALSE
-0,065	0,295	-0,002	0,006	0,104	FALSE
-0,071	0,300	-0,001	0,006	0,081	FALSE
-0,097	0,310	-0,004	0,010	0,161	FALSE
-0,019	0,304	-0,001	0,008	0,041	FALSE
0,105	0,310	0,004	0,011	0,135	FALSE
0,152	0,300	0,007	0,012	0,250	FALSE
0,037	0,302	0,001	0,007	0,050	FALSE
-0,006	0,313	0,000	0,012	0,014	FALSE
-0,099	0,312	-0,002	0,007	0,132	FALSE
-0,012	0,315	0,000	0,011	0,001	FALSE
0,012	0,303	0,001	0,008	0,035	FALSE
0,071	0,309	0,002	0,008	0,109	FALSE
-0,028	0,314	-0,001	0,009	0,036	FALSE
-0,103	0,310	-0,004	0,010	0,156	FALSE
0,013	0,314	0,000	0,007	0,017	FALSE
0,032	0,306	0,001	0,008	0,050	FALSE
0,084	0,309	0,003	0,012	0,111	FALSE
-0,173	0,306	-0,007	0,013	0,227	FALSE
-0,145	0,303	-0,006	0,013	0,191	FALSE
0,027	0,312	0,000	0,011	0,001	FALSE
-0,128	0,319	-0,005	0,014	0,144	FALSE
-0,097	0,292	-0,002	0,008	0,118	FALSE
0,033	0,311	0,001	0,011	0,032	FALSE
-0,074	0,295	-0,002	0,008	0,093	FALSE
0,061	0,303	0,001	0,012	0,038	FALSE
-0,094	0,300	-0,002	0,009	0,104	FALSE
-0,017	0,302	0,000	0,007	0,015	FALSE
0,074	0,293	0,002	0,013	0,060	FALSE
-0,094	0,320	-0,002	0,007	0,108	FALSE
-0,102	0,305	-0,003	0,007	0,137	FALSE
0,038	0,292	0,002	0,009	0,078	FALSE
-0,013	0,306	-0,001	0,007	0,032	FALSE
0,089	0,303	0,003	0,009	0,131	FALSE
0,003	0,310	0,000	0,006	0,001	FALSE
-0,102	0,302	-0,003	0,008	0,121	FALSE
0,006	0,304	0,000	0,007	0,016	FALSE
0,196	0,299	0,006	0,008	0,325	FALSE
0,032	0,309	0,001	0,008	0,039	FALSE
-0,123	0,293	-0,004	0,008	0,182	FALSE
0,039	0,322	0,001	0,012	0,029	FALSE
-0,021	0,291	-0,002	0,012	0,049	FALSE
0,029	0,291	0,001	0,009	0,020	FALSE
-0,052	0,314	-0,002	0,009	0,083	FALSE
0,105	0,306	0,002	0,007	0,135	FALSE
0,035	0,313	0,001	0,008	0,056	FALSE
-0,071	0,306	-0,001	0,008	0,070	FALSE
0,080	0,306	0,003	0,009	0,134	FALSE
0,047	0,306	0,001	0,007	0,071	FALSE
0,122	0,314	0,005	0,012	0,149	FALSE
0,065	0,306	0,002	0,012	0,075	FALSE
-0,076	0,304	-0,001	0,006	0,067	FALSE

-0,075	0,304	-0,001	0,006	0,080	FALSE
0,040	0,308	0,001	0,010	0,032	FALSE
-0,036	0,311	-0,001	0,012	0,029	FALSE
-0,024	0,308	-0,001	0,011	0,017	FALSE
-0,061	0,319	-0,002	0,012	0,064	FALSE
-0,037	0,304	-0,001	0,011	0,030	FALSE
-0,042	0,310	-0,002	0,012	0,053	FALSE
0,071	0,309	0,003	0,012	0,079	FALSE
-0,040	0,308	-0,001	0,009	0,046	FALSE
-0,069	0,300	-0,002	0,010	0,084	FALSE
0,053	0,321	0,001	0,006	0,079	FALSE
-0,105	0,303	-0,004	0,010	0,157	FALSE
-0,091	0,315	-0,004	0,012	0,118	FALSE
-0,119	0,307	-0,004	0,011	0,164	FALSE
0,063	0,314	0,002	0,009	0,096	FALSE
-0,050	0,306	-0,001	0,008	0,056	FALSE
-0,004	0,295	0,000	0,008	0,008	FALSE
0,062	0,290	0,002	0,008	0,096	FALSE
0,013	0,309	0,000	0,007	0,014	FALSE
0,012	0,309	0,001	0,007	0,039	FALSE
0,085	0,303	0,003	0,012	0,096	FALSE
-0,025	0,302	0,000	0,012	0,006	FALSE
-0,036	0,300	-0,001	0,008	0,056	FALSE
-0,037	0,311	-0,001	0,008	0,041	FALSE
-0,049	0,303	-0,001	0,007	0,035	FALSE
0,025	0,313	0,001	0,012	0,017	FALSE
-0,020	0,318	0,000	0,009	0,006	FALSE
-0,076	0,305	-0,002	0,009	0,096	FALSE
0,041	0,306	0,002	0,012	0,046	FALSE
0,081	0,302	0,003	0,012	0,091	FALSE
0,008	0,310	0,000	0,006	0,005	FALSE
0,019	0,326	0,001	0,008	0,033	FALSE
0,059	0,303	0,001	0,006	0,057	FALSE
0,060	0,319	0,002	0,009	0,094	FALSE
-0,078	0,314	-0,003	0,009	0,110	FALSE
0,115	0,302	0,003	0,007	0,181	FALSE
-0,057	0,320	-0,002	0,013	0,064	FALSE
-0,050	0,300	-0,003	0,013	0,098	FALSE
-0,007	0,300	0,000	0,012	0,006	FALSE
-0,176	0,311	-0,004	0,008	0,241	FALSE
-0,019	0,311	0,000	0,013	0,010	FALSE
0,083	0,308	0,002	0,007	0,084	FALSE
-0,022	0,314	0,000	0,007	0,017	FALSE
-0,018	0,308	0,000	0,010	0,007	FALSE
-0,014	0,308	-0,001	0,010	0,044	FALSE
-0,010	0,315	0,000	0,007	0,002	FALSE
0,049	0,307	0,001	0,007	0,063	FALSE
-0,112	0,297	-0,004	0,011	0,141	FALSE
0,046	0,308	0,002	0,012	0,050	FALSE
0,116	0,301	0,003	0,008	0,138	FALSE
-0,029	0,304	-0,002	0,012	0,050	FALSE
-0,043	0,302	-0,001	0,009	0,033	FALSE
0,033	0,313	0,002	0,013	0,056	FALSE

-0,046	0,311	-0,001	0,007	0,041	FALSE
-0,051	0,310	-0,001	0,007	0,050	FALSE
0,080	0,299	0,003	0,013	0,107	FALSE
0,087	0,289	0,004	0,013	0,128	FALSE
0,090	0,307	0,004	0,013	0,129	FALSE
-0,080	0,314	-0,002	0,010	0,071	FALSE
0,058	0,310	0,002	0,011	0,079	FALSE
0,003	0,309	0,000	0,012	0,006	FALSE
-0,167	0,288	-0,005	0,008	0,283	FALSE
0,002	0,315	0,000	0,011	0,008	FALSE
-0,122	0,300	-0,004	0,010	0,160	FALSE
0,069	0,293	0,002	0,006	0,113	FALSE
-0,075	0,305	-0,002	0,007	0,083	FALSE
-0,162	0,307	-0,006	0,011	0,243	FALSE
-0,140	0,295	-0,007	0,013	0,215	FALSE
-0,072	0,310	-0,002	0,007	0,088	FALSE
-0,036	0,310	-0,001	0,012	0,040	FALSE
-0,010	0,299	0,000	0,006	0,013	FALSE
0,051	0,311	0,001	0,011	0,048	FALSE
0,130	0,300	0,003	0,008	0,147	FALSE
0,056	0,302	0,001	0,008	0,054	FALSE
0,043	0,308	0,001	0,007	0,039	FALSE
-0,033	0,312	-0,001	0,013	0,030	FALSE
0,124	0,309	0,005	0,010	0,186	FALSE
0,158	0,299	0,007	0,011	0,266	FALSE
-0,101	0,300	-0,005	0,013	0,152	FALSE
-0,112	0,308	-0,005	0,012	0,171	FALSE
0,068	0,310	0,003	0,012	0,079	FALSE
-0,058	0,327	-0,001	0,007	0,053	FALSE
-0,019	0,320	-0,001	0,007	0,043	FALSE
0,001	0,300	0,000	0,009	0,013	FALSE
-0,015	0,296	0,000	0,009	0,006	FALSE
0,270	0,305	0,011	0,012	0,437	FALSE
0,274	0,291	0,011	0,012	0,442	FALSE
0,267	0,292	0,009	0,011	0,416	FALSE
-0,123	0,300	-0,005	0,010	0,202	FALSE
-0,076	0,304	-0,004	0,011	0,136	FALSE
-0,107	0,301	-0,005	0,011	0,175	FALSE
-0,007	0,299	0,000	0,007	0,008	FALSE
-0,110	0,294	-0,002	0,006	0,157	FALSE
-0,039	0,295	-0,001	0,007	0,062	FALSE
-0,015	0,300	-0,001	0,012	0,029	FALSE
0,106	0,305	0,004	0,010	0,152	FALSE
-0,111	0,318	-0,003	0,008	0,171	FALSE
0,137	0,291	0,005	0,009	0,231	FALSE
0,177	0,283	0,006	0,009	0,309	FALSE
-0,063	0,328	-0,003	0,012	0,086	FALSE
0,055	0,317	0,002	0,013	0,067	FALSE
0,091	0,315	0,002	0,008	0,076	FALSE
0,022	0,308	0,000	0,009	0,001	FALSE
-0,083	0,300	-0,003	0,012	0,098	FALSE
0,064	0,302	0,002	0,009	0,075	FALSE
0,143	0,296	0,004	0,008	0,223	FALSE

0,002	0,288	0,000	0,011	0,012	FALSE
-0,206	0,279	-0,008	0,011	0,322	FALSE
-0,018	0,306	-0,001	0,007	0,027	FALSE
-0,166	0,297	-0,004	0,006	0,231	FALSE
-0,182	0,296	-0,004	0,006	0,251	FALSE
0,152	0,304	0,004	0,007	0,226	FALSE
0,023	0,302	0,000	0,008	0,003	FALSE
0,048	0,298	0,000	0,010	0,016	FALSE
-0,047	0,311	0,000	0,010	0,015	FALSE
0,007	0,316	0,001	0,011	0,038	FALSE
0,012	0,311	0,000	0,007	0,015	FALSE
0,011	0,306	0,001	0,010	0,034	FALSE
-0,032	0,303	-0,002	0,009	0,085	FALSE
0,083	0,309	0,003	0,012	0,077	FALSE
0,076	0,315	0,002	0,012	0,060	FALSE
0,014	0,311	0,000	0,007	0,020	FALSE
-0,189	0,327	-0,008	0,012	0,267	FALSE
-0,070	0,310	-0,002	0,009	0,089	FALSE
-0,017	0,305	-0,001	0,011	0,020	FALSE
-0,079	0,303	-0,003	0,011	0,090	FALSE
0,113	0,311	0,005	0,013	0,147	FALSE
0,123	0,292	0,003	0,008	0,138	FALSE
-0,051	0,304	-0,001	0,010	0,034	FALSE
0,021	0,294	0,000	0,006	0,019	FALSE
-0,021	0,330	0,000	0,013	0,013	FALSE
-0,095	0,309	-0,002	0,010	0,095	FALSE
-0,137	0,302	-0,003	0,006	0,180	FALSE
-0,038	0,302	-0,002	0,012	0,046	FALSE
0,010	0,320	0,000	0,009	0,017	FALSE
-0,095	0,310	-0,002	0,009	0,092	FALSE
-0,016	0,296	-0,001	0,012	0,018	FALSE
0,082	0,293	0,002	0,008	0,106	FALSE
0,073	0,310	0,001	0,007	0,065	FALSE
0,023	0,297	0,001	0,011	0,032	FALSE
0,016	0,301	0,001	0,011	0,021	FALSE
0,055	0,303	0,002	0,007	0,107	FALSE
0,073	0,302	0,002	0,007	0,136	FALSE
-0,001	0,314	0,000	0,009	0,006	FALSE
-0,105	0,312	-0,003	0,011	0,124	FALSE
-0,042	0,314	-0,001	0,007	0,047	FALSE
0,108	0,299	0,002	0,007	0,140	FALSE
0,016	0,317	0,000	0,007	0,025	FALSE
0,091	0,309	0,002	0,007	0,102	FALSE
0,094	0,311	0,002	0,007	0,111	FALSE
-0,098	0,299	-0,002	0,007	0,116	FALSE
0,049	0,306	0,002	0,013	0,055	FALSE
-0,064	0,299	-0,001	0,008	0,064	FALSE
-0,064	0,313	-0,002	0,008	0,085	FALSE
0,023	0,316	0,001	0,011	0,017	FALSE
0,053	0,300	0,001	0,007	0,055	FALSE
-0,015	0,302	-0,001	0,006	0,030	FALSE
0,054	0,311	0,002	0,012	0,061	FALSE
0,006	0,312	0,000	0,009	0,016	FALSE

0,096	0,299	0,003	0,008	0,143	FALSE
-0,032	0,315	0,000	0,008	0,009	FALSE
-0,071	0,313	-0,002	0,012	0,079	FALSE
-0,097	0,316	-0,004	0,010	0,138	FALSE
-0,089	0,317	-0,004	0,012	0,113	FALSE
-0,077	0,302	-0,001	0,007	0,065	FALSE
-0,015	0,314	-0,001	0,009	0,027	FALSE
0,037	0,311	0,001	0,008	0,038	FALSE
-0,021	0,318	-0,001	0,013	0,029	FALSE
0,114	0,315	0,004	0,012	0,131	FALSE
-0,022	0,292	0,000	0,012	0,010	FALSE
0,068	0,313	0,002	0,013	0,062	FALSE
0,082	0,302	0,002	0,006	0,148	FALSE
0,035	0,319	0,001	0,007	0,032	FALSE
0,039	0,309	0,002	0,012	0,053	FALSE
-0,075	0,312	-0,003	0,012	0,112	FALSE
0,125	0,306	0,003	0,007	0,150	FALSE
0,077	0,302	0,002	0,009	0,080	FALSE
0,099	0,318	0,003	0,012	0,103	FALSE
-0,013	0,317	0,000	0,011	0,001	FALSE
-0,018	0,306	0,000	0,010	0,009	FALSE
-0,057	0,309	-0,002	0,007	0,087	FALSE
0,045	0,277	0,002	0,010	0,088	FALSE
0,015	0,287	0,001	0,011	0,036	FALSE
0,129	0,306	0,005	0,012	0,177	FALSE
0,106	0,304	0,004	0,012	0,139	FALSE
0,064	0,302	0,003	0,012	0,082	FALSE
-0,017	0,308	0,000	0,007	0,014	FALSE
0,000	0,306	0,001	0,008	0,023	FALSE
-0,188	0,293	-0,007	0,011	0,267	FALSE
-0,203	0,302	-0,005	0,008	0,266	FALSE
-0,096	0,316	-0,002	0,008	0,108	FALSE
-0,097	0,301	-0,004	0,012	0,131	FALSE
0,027	0,303	0,001	0,010	0,050	FALSE
0,104	0,306	0,003	0,012	0,100	FALSE
0,062	0,300	0,001	0,007	0,041	FALSE
0,070	0,300	0,002	0,013	0,063	FALSE
0,004	0,310	0,001	0,010	0,021	FALSE
0,124	0,300	0,003	0,008	0,160	FALSE
0,045	0,302	0,002	0,012	0,046	FALSE
-0,020	0,324	-0,001	0,012	0,025	FALSE
-0,068	0,315	-0,003	0,012	0,079	FALSE
0,020	0,314	0,000	0,011	0,012	FALSE
-0,016	0,308	-0,001	0,012	0,030	FALSE
0,076	0,301	0,002	0,008	0,124	FALSE
-0,069	0,305	-0,002	0,009	0,083	FALSE
0,052	0,305	0,001	0,013	0,018	FALSE
-0,032	0,325	-0,001	0,009	0,036	FALSE
-0,022	0,295	0,000	0,008	0,016	FALSE
-0,027	0,305	0,000	0,011	0,002	FALSE
-0,040	0,315	0,000	0,007	0,024	FALSE
0,123	0,295	0,004	0,011	0,135	FALSE
0,101	0,303	0,002	0,007	0,127	FALSE

0,017	0,309	0,000	0,008	0,002	FALSE
0,025	0,310	0,000	0,011	0,004	FALSE
-0,047	0,313	-0,003	0,013	0,072	FALSE
-0,208	0,286	-0,005	0,008	0,314	FALSE
-0,070	0,310	-0,003	0,010	0,112	FALSE
-0,062	0,299	-0,001	0,010	0,049	FALSE
0,009	0,305	0,001	0,010	0,036	FALSE
-0,136	0,325	-0,003	0,007	0,178	FALSE
-0,074	0,312	-0,002	0,010	0,084	FALSE
-0,054	0,313	-0,003	0,013	0,075	FALSE
0,192	0,303	0,004	0,006	0,262	FALSE
0,057	0,309	0,002	0,009	0,093	FALSE
-0,090	0,303	-0,005	0,013	0,146	FALSE
0,046	0,299	0,002	0,010	0,068	FALSE
0,045	0,295	0,002	0,010	0,062	FALSE
0,053	0,311	0,002	0,011	0,071	FALSE
0,036	0,304	0,001	0,009	0,049	FALSE
-0,007	0,307	0,000	0,009	0,005	FALSE
-0,215	0,303	-0,005	0,007	0,336	FALSE
0,073	0,310	0,002	0,007	0,106	FALSE
-0,099	0,311	-0,004	0,011	0,131	FALSE
0,063	0,308	0,001	0,007	0,054	FALSE
-0,123	0,317	-0,004	0,009	0,173	FALSE
-0,110	0,302	-0,003	0,008	0,144	FALSE
-0,053	0,308	-0,003	0,012	0,106	FALSE
-0,060	0,319	-0,003	0,012	0,114	FALSE
-0,134	0,307	-0,003	0,008	0,171	FALSE
0,058	0,318	0,002	0,012	0,066	FALSE
0,086	0,312	0,002	0,008	0,131	FALSE
0,064	0,314	0,003	0,011	0,097	FALSE
0,084	0,309	0,003	0,009	0,129	FALSE
-0,033	0,304	-0,001	0,012	0,035	FALSE
0,081	0,311	0,004	0,011	0,125	FALSE
-0,046	0,313	-0,002	0,011	0,066	FALSE
-0,039	0,302	-0,002	0,012	0,077	FALSE
0,069	0,294	0,002	0,010	0,086	FALSE
-0,004	0,301	-0,001	0,011	0,017	FALSE
-0,067	0,304	-0,003	0,011	0,116	FALSE
0,100	0,304	0,003	0,009	0,150	FALSE
0,003	0,309	0,000	0,007	0,006	FALSE
-0,141	0,315	-0,006	0,013	0,179	FALSE
0,010	0,308	0,000	0,007	0,006	FALSE
0,080	0,294	0,003	0,012	0,094	FALSE
-0,073	0,298	-0,003	0,009	0,111	FALSE
0,103	0,316	0,004	0,012	0,156	FALSE
0,105	0,309	0,005	0,011	0,168	FALSE
-0,012	0,296	0,000	0,012	0,014	FALSE
0,142	0,313	0,006	0,013	0,190	FALSE
0,020	0,304	0,001	0,012	0,021	FALSE
0,041	0,303	0,002	0,009	0,084	FALSE
0,115	0,297	0,004	0,009	0,179	FALSE
-0,098	0,303	-0,003	0,007	0,137	FALSE
0,001	0,309	0,000	0,009	0,002	FALSE

0,009	0,313	0,001	0,009	0,038	FALSE
0,031	0,312	0,002	0,009	0,067	FALSE
0,037	0,312	0,001	0,007	0,038	FALSE
0,133	0,312	0,004	0,010	0,151	FALSE
-0,044	0,298	-0,003	0,012	0,085	FALSE
-0,184	0,310	-0,008	0,012	0,306	FALSE
-0,218	0,309	-0,009	0,011	0,376	FALSE
-0,046	0,288	-0,002	0,009	0,078	FALSE
0,053	0,309	0,002	0,008	0,068	FALSE
-0,154	0,298	-0,006	0,011	0,245	FALSE
0,042	0,310	0,001	0,008	0,040	FALSE
0,018	0,308	0,000	0,007	0,018	FALSE
0,042	0,301	0,002	0,013	0,061	FALSE
0,043	0,307	0,002	0,013	0,062	FALSE
-0,027	0,293	0,000	0,006	0,015	FALSE
-0,162	0,313	-0,006	0,012	0,235	FALSE
0,006	0,311	-0,001	0,008	0,035	FALSE
0,065	0,299	0,002	0,006	0,102	FALSE
0,099	0,301	0,005	0,012	0,157	FALSE
0,014	0,302	-0,001	0,008	0,025	FALSE
0,007	0,290	0,000	0,010	0,011	FALSE
0,036	0,299	0,002	0,011	0,053	FALSE
0,070	0,301	0,002	0,008	0,076	FALSE
0,033	0,307	0,001	0,011	0,045	FALSE
-0,147	0,303	-0,004	0,008	0,213	FALSE
0,104	0,306	0,005	0,013	0,138	FALSE
-0,154	0,311	-0,005	0,009	0,230	FALSE
-0,133	0,307	-0,004	0,009	0,201	FALSE
-0,160	0,285	-0,005	0,010	0,235	FALSE
-0,061	0,303	-0,001	0,006	0,052	FALSE
0,035	0,296	0,001	0,008	0,049	FALSE
-0,160	0,294	-0,006	0,010	0,262	FALSE
-0,152	0,301	-0,006	0,010	0,250	FALSE
0,112	0,309	0,003	0,008	0,163	FALSE
-0,148	0,309	-0,006	0,012	0,200	FALSE
0,153	0,307	0,005	0,011	0,191	FALSE
0,073	0,316	0,002	0,006	0,125	FALSE
-0,011	0,301	0,000	0,012	0,006	FALSE
-0,042	0,309	-0,002	0,012	0,044	FALSE
0,047	0,307	0,002	0,013	0,048	FALSE
-0,061	0,316	-0,002	0,013	0,067	FALSE
0,046	0,314	0,002	0,012	0,048	FALSE
0,027	0,300	0,001	0,011	0,034	FALSE
-0,096	0,322	-0,003	0,009	0,105	FALSE
0,139	0,314	0,003	0,008	0,173	FALSE
-0,008	0,312	-0,001	0,012	0,029	FALSE
0,055	0,311	0,002	0,007	0,090	FALSE
-0,024	0,308	-0,001	0,007	0,035	FALSE
-0,035	0,313	-0,001	0,009	0,037	FALSE
0,069	0,302	0,002	0,009	0,073	FALSE
0,010	0,306	0,000	0,008	0,018	FALSE
0,008	0,320	0,000	0,012	0,003	FALSE
0,135	0,285	0,005	0,010	0,187	FALSE

-0,027	0,308	-0,001	0,008	0,045	FALSE
0,027	0,298	0,000	0,007	0,016	FALSE
0,086	0,311	0,003	0,009	0,123	FALSE
-0,010	0,320	-0,001	0,012	0,021	FALSE
-0,021	0,320	0,000	0,012	0,011	FALSE
-0,001	0,306	0,000	0,007	0,015	FALSE
-0,247	0,303	-0,010	0,012	0,368	FALSE
-0,006	0,304	0,000	0,008	0,018	FALSE
-0,010	0,317	0,000	0,008	0,019	FALSE
0,078	0,297	0,001	0,006	0,079	FALSE
-0,205	0,292	-0,008	0,012	0,310	FALSE
0,144	0,300	0,003	0,007	0,209	FALSE
-0,055	0,314	-0,002	0,011	0,068	FALSE
0,018	0,313	0,001	0,010	0,024	FALSE
-0,004	0,310	0,000	0,006	0,021	FALSE
-0,071	0,308	-0,002	0,010	0,066	FALSE
-0,073	0,305	-0,002	0,008	0,090	FALSE
-0,100	0,302	-0,002	0,006	0,131	FALSE
0,026	0,321	0,001	0,012	0,025	FALSE
-0,055	0,320	-0,002	0,010	0,065	FALSE
0,174	0,302	0,005	0,009	0,237	FALSE
-0,071	0,305	-0,002	0,007	0,088	FALSE
0,000	0,296	0,000	0,011	0,015	FALSE
-0,105	0,308	-0,003	0,008	0,154	FALSE
0,101	0,301	0,004	0,011	0,135	FALSE
-0,050	0,307	-0,001	0,007	0,059	FALSE
-0,035	0,309	-0,001	0,012	0,042	FALSE
-0,053	0,297	-0,001	0,010	0,047	FALSE
0,020	0,303	0,001	0,008	0,037	FALSE
0,085	0,293	0,001	0,006	0,083	FALSE
0,049	0,296	0,001	0,007	0,058	FALSE
0,036	0,301	0,000	0,006	0,028	FALSE
0,030	0,316	0,000	0,009	0,019	FALSE
0,014	0,320	0,000	0,011	0,002	FALSE
-0,139	0,290	-0,006	0,011	0,212	FALSE
0,027	0,300	0,001	0,009	0,025	FALSE
-0,071	0,311	-0,002	0,008	0,099	FALSE
-0,015	0,314	0,000	0,007	0,007	FALSE
-0,148	0,308	-0,006	0,013	0,204	FALSE
0,074	0,308	0,003	0,012	0,086	FALSE
0,055	0,303	0,003	0,013	0,098	FALSE
-0,053	0,300	-0,002	0,008	0,076	FALSE
0,009	0,297	0,001	0,011	0,022	FALSE
0,100	0,318	0,003	0,009	0,120	FALSE
0,109	0,322	0,003	0,009	0,128	FALSE
0,077	0,318	0,003	0,011	0,119	FALSE
0,044	0,307	0,001	0,009	0,055	FALSE
-0,051	0,298	-0,002	0,010	0,058	FALSE
0,053	0,318	0,003	0,013	0,081	FALSE
0,095	0,303	0,002	0,008	0,120	FALSE
-0,004	0,314	-0,001	0,009	0,023	FALSE
0,018	0,306	0,000	0,009	0,001	FALSE
0,022	0,317	0,001	0,008	0,038	FALSE

-0,060	0,307	-0,002	0,009	0,099	FALSE
0,117	0,307	0,005	0,011	0,165	FALSE
-0,060	0,311	-0,002	0,007	0,084	FALSE
0,112	0,301	0,003	0,008	0,165	FALSE
0,060	0,307	0,002	0,007	0,096	FALSE
-0,095	0,312	-0,002	0,007	0,108	FALSE
-0,207	0,287	-0,008	0,012	0,313	FALSE
0,039	0,295	0,001	0,007	0,052	FALSE
0,174	0,314	0,006	0,011	0,239	FALSE
0,028	0,302	0,002	0,010	0,056	FALSE
0,158	0,302	0,003	0,007	0,201	FALSE
0,136	0,312	0,006	0,013	0,175	FALSE
-0,011	0,337	0,000	0,007	0,008	FALSE
-0,088	0,293	-0,003	0,011	0,095	FALSE
-0,026	0,302	0,000	0,009	0,013	FALSE
-0,043	0,312	-0,001	0,011	0,044	FALSE
-0,023	0,302	-0,001	0,010	0,018	FALSE
0,055	0,307	0,002	0,010	0,070	FALSE
-0,081	0,310	-0,002	0,010	0,072	FALSE
-0,098	0,317	-0,003	0,011	0,106	FALSE
0,068	0,297	0,002	0,007	0,087	FALSE
-0,047	0,305	-0,002	0,013	0,049	FALSE
0,102	0,300	0,005	0,012	0,163	FALSE
0,153	0,309	0,006	0,013	0,204	FALSE
0,127	0,304	0,003	0,006	0,195	FALSE
-0,132	0,290	-0,006	0,011	0,204	FALSE
-0,013	0,309	0,000	0,006	0,020	FALSE
-0,004	0,305	0,000	0,009	0,007	FALSE
-0,026	0,289	-0,001	0,011	0,020	FALSE
0,072	0,308	0,002	0,008	0,094	FALSE
0,009	0,303	0,000	0,008	0,004	FALSE
-0,054	0,301	-0,004	0,012	0,120	FALSE
0,027	0,298	0,001	0,007	0,040	FALSE
0,081	0,304	0,002	0,009	0,099	FALSE
0,017	0,304	0,000	0,006	0,006	FALSE
-0,164	0,292	-0,006	0,010	0,249	FALSE
-0,035	0,310	-0,001	0,011	0,039	FALSE
0,070	0,300	0,001	0,006	0,082	FALSE
-0,104	0,310	-0,004	0,012	0,140	FALSE
-0,048	0,301	-0,002	0,007	0,080	FALSE
0,120	0,290	0,003	0,007	0,163	FALSE
-0,069	0,309	-0,002	0,009	0,104	FALSE
0,108	0,305	0,003	0,007	0,150	FALSE
-0,111	0,313	-0,004	0,012	0,142	FALSE
0,014	0,311	0,001	0,009	0,040	FALSE
-0,157	0,305	-0,005	0,009	0,225	FALSE
0,061	0,303	0,002	0,007	0,080	FALSE
0,047	0,315	0,002	0,011	0,075	FALSE
0,097	0,291	0,004	0,012	0,120	FALSE
-0,063	0,307	-0,001	0,006	0,071	FALSE
-0,037	0,323	-0,001	0,007	0,053	FALSE
-0,007	0,298	-0,001	0,007	0,033	FALSE
0,033	0,320	0,001	0,008	0,042	FALSE

0,078	0,303	0,002	0,008	0,082	FALSE
0,053	0,316	0,002	0,012	0,052	FALSE
-0,115	0,315	-0,002	0,007	0,127	FALSE
0,085	0,292	0,003	0,012	0,113	FALSE
0,001	0,298	0,000	0,010	0,006	FALSE
-0,032	0,319	-0,002	0,013	0,050	FALSE
0,060	0,317	0,002	0,008	0,081	FALSE
-0,083	0,315	-0,003	0,010	0,139	FALSE
0,013	0,320	0,000	0,013	0,008	FALSE
-0,056	0,298	-0,002	0,011	0,083	FALSE
-0,056	0,313	-0,002	0,010	0,075	FALSE
0,010	0,305	0,001	0,012	0,015	FALSE
-0,013	0,297	-0,001	0,009	0,024	FALSE
-0,057	0,301	-0,002	0,008	0,086	FALSE
-0,042	0,315	-0,001	0,010	0,020	FALSE
-0,027	0,311	0,000	0,007	0,011	FALSE
-0,109	0,302	-0,003	0,007	0,142	FALSE
0,020	0,296	0,000	0,008	0,019	FALSE
-0,083	0,312	-0,001	0,007	0,071	FALSE
-0,003	0,315	0,000	0,006	0,015	FALSE
-0,153	0,315	-0,004	0,008	0,224	FALSE
-0,120	0,303	-0,004	0,008	0,174	FALSE
-0,022	0,305	0,000	0,008	0,012	FALSE
-0,108	0,312	-0,003	0,008	0,177	FALSE
-0,030	0,301	-0,003	0,012	0,085	FALSE
0,038	0,308	0,001	0,008	0,042	FALSE
0,018	0,310	0,001	0,008	0,024	FALSE
0,009	0,293	0,000	0,007	0,009	FALSE
0,004	0,307	0,000	0,007	0,010	FALSE
0,041	0,303	0,001	0,007	0,038	FALSE
0,057	0,314	0,002	0,008	0,072	FALSE
0,057	0,301	0,001	0,008	0,066	FALSE
-0,057	0,303	-0,002	0,008	0,102	FALSE
-0,049	0,314	-0,001	0,007	0,077	FALSE
-0,119	0,316	-0,004	0,009	0,159	FALSE
0,060	0,297	0,001	0,012	0,031	FALSE
-0,087	0,300	-0,002	0,008	0,123	FALSE
0,014	0,311	0,000	0,007	0,019	FALSE
-0,012	0,321	0,000	0,009	0,006	FALSE
0,081	0,300	0,002	0,011	0,067	FALSE
-0,024	0,316	-0,001	0,007	0,050	FALSE
-0,033	0,293	-0,001	0,011	0,026	FALSE
0,037	0,308	0,001	0,008	0,042	FALSE
0,023	0,308	0,001	0,008	0,035	FALSE
0,024	0,301	0,001	0,007	0,039	FALSE
-0,027	0,318	-0,001	0,008	0,047	FALSE
-0,013	0,277	0,000	0,008	0,019	FALSE
-0,090	0,310	-0,002	0,007	0,131	FALSE
-0,019	0,311	-0,001	0,006	0,038	FALSE
0,063	0,323	0,002	0,012	0,076	FALSE
0,063	0,303	0,002	0,011	0,052	FALSE
0,044	0,299	0,001	0,012	0,036	FALSE
-0,027	0,314	-0,001	0,008	0,034	FALSE

-0,099	0,299	-0,002	0,007	0,090	FALSE
0,116	0,300	0,004	0,008	0,179	FALSE
-0,053	0,304	-0,001	0,006	0,034	FALSE
-0,059	0,307	-0,001	0,006	0,056	FALSE
-0,078	0,300	-0,002	0,007	0,110	FALSE
-0,035	0,321	-0,001	0,007	0,051	FALSE
-0,001	0,290	0,000	0,008	0,007	FALSE
0,044	0,307	0,001	0,008	0,032	FALSE
0,040	0,300	0,001	0,007	0,039	FALSE
-0,060	0,312	-0,002	0,007	0,087	FALSE
-0,076	0,307	-0,001	0,007	0,062	FALSE
0,017	0,311	0,000	0,007	0,026	FALSE
0,024	0,304	0,001	0,007	0,049	FALSE
0,092	0,302	0,002	0,007	0,126	FALSE
0,089	0,298	0,002	0,006	0,138	FALSE
0,073	0,306	0,002	0,010	0,080	FALSE
0,025	0,322	0,000	0,008	0,019	FALSE
-0,074	0,307	-0,002	0,007	0,090	FALSE
-0,024	0,310	-0,001	0,009	0,047	FALSE
-0,008	0,298	0,000	0,006	0,006	FALSE
-0,036	0,310	-0,001	0,008	0,031	FALSE
-0,058	0,319	-0,002	0,008	0,080	FALSE
0,012	0,322	0,001	0,007	0,026	FALSE
-0,018	0,294	-0,001	0,012	0,041	FALSE
0,120	0,302	0,004	0,008	0,191	FALSE
0,026	0,308	0,001	0,007	0,045	FALSE
0,074	0,304	0,002	0,009	0,101	FALSE
-0,026	0,295	-0,002	0,009	0,076	FALSE
-0,015	0,306	0,000	0,007	0,006	FALSE
0,131	0,300	0,003	0,007	0,198	FALSE
-0,018	0,307	-0,001	0,013	0,031	FALSE
-0,074	0,306	-0,003	0,012	0,098	FALSE
0,059	0,317	0,001	0,007	0,082	FALSE
-0,015	0,301	-0,001	0,008	0,024	FALSE
0,013	0,305	0,001	0,008	0,042	FALSE
-0,153	0,292	-0,005	0,009	0,250	FALSE
-0,033	0,308	-0,002	0,009	0,067	FALSE
-0,068	0,291	-0,001	0,007	0,060	FALSE
-0,117	0,304	-0,003	0,008	0,175	FALSE
-0,109	0,302	-0,003	0,008	0,166	FALSE
-0,018	0,301	-0,001	0,010	0,018	FALSE
0,030	0,312	0,001	0,009	0,044	FALSE
0,112	0,312	0,002	0,008	0,092	FALSE
-0,004	0,313	0,001	0,013	0,019	FALSE
0,043	0,327	0,002	0,008	0,074	FALSE
0,077	0,307	0,003	0,008	0,128	FALSE
-0,118	0,309	-0,003	0,007	0,165	FALSE
-0,022	0,294	-0,001	0,008	0,051	FALSE
0,064	0,310	0,002	0,011	0,074	FALSE
-0,005	0,305	0,000	0,010	0,001	FALSE
0,017	0,306	0,000	0,012	0,012	FALSE
0,046	0,296	0,002	0,012	0,054	FALSE
-0,014	0,313	-0,001	0,012	0,017	FALSE

-0,020	0,301	0,000	0,007	0,027	FALSE
0,048	0,320	0,002	0,009	0,069	FALSE
-0,053	0,301	-0,002	0,008	0,085	FALSE
-0,165	0,308	-0,004	0,007	0,225	FALSE
0,041	0,302	0,002	0,012	0,063	FALSE
0,014	0,318	0,001	0,007	0,040	FALSE
-0,053	0,313	-0,001	0,009	0,062	FALSE
-0,137	0,309	-0,003	0,007	0,169	FALSE
-0,038	0,300	-0,001	0,008	0,057	FALSE
0,076	0,311	0,003	0,009	0,131	FALSE
-0,050	0,318	-0,001	0,007	0,047	FALSE
-0,009	0,308	0,000	0,007	0,007	FALSE
0,009	0,294	0,000	0,011	0,009	FALSE
0,023	0,311	0,000	0,008	0,015	FALSE
-0,020	0,306	-0,001	0,007	0,034	FALSE
-0,003	0,306	0,000	0,007	0,011	FALSE
0,074	0,305	0,002	0,008	0,122	FALSE
0,042	0,314	0,001	0,013	0,040	FALSE
-0,005	0,310	0,000	0,013	0,003	FALSE
0,167	0,284	0,005	0,011	0,200	FALSE
-0,020	0,299	0,000	0,011	0,005	FALSE
0,108	0,305	0,003	0,008	0,131	FALSE
-0,005	0,293	0,000	0,012	0,009	FALSE
0,068	0,307	0,002	0,007	0,088	FALSE
0,002	0,302	0,000	0,009	0,002	FALSE
0,103	0,295	0,004	0,013	0,125	FALSE
-0,103	0,318	-0,003	0,007	0,149	FALSE
0,068	0,307	0,002	0,012	0,070	FALSE
-0,053	0,314	-0,002	0,008	0,071	FALSE
0,081	0,321	0,003	0,011	0,097	FALSE
-0,045	0,308	-0,002	0,012	0,047	FALSE
-0,019	0,314	-0,001	0,012	0,015	FALSE
-0,059	0,308	-0,002	0,012	0,061	FALSE
-0,084	0,317	-0,002	0,010	0,095	FALSE
0,183	0,300	0,004	0,008	0,226	FALSE
-0,056	0,320	-0,002	0,010	0,074	FALSE
0,082	0,305	0,004	0,012	0,110	FALSE
-0,037	0,310	-0,001	0,010	0,043	FALSE
0,023	0,303	0,000	0,006	0,022	FALSE
-0,049	0,312	-0,002	0,010	0,073	FALSE
-0,115	0,301	-0,002	0,006	0,146	FALSE
-0,136	0,306	-0,003	0,006	0,172	FALSE
-0,109	0,308	-0,002	0,006	0,130	FALSE
0,117	0,302	0,004	0,012	0,150	FALSE
-0,021	0,308	-0,001	0,012	0,015	FALSE
-0,090	0,323	-0,003	0,011	0,087	FALSE
-0,075	0,313	-0,003	0,009	0,111	FALSE
0,017	0,309	0,000	0,008	0,016	FALSE
-0,107	0,308	-0,003	0,012	0,101	FALSE
-0,073	0,316	-0,003	0,013	0,100	FALSE
0,008	0,300	0,001	0,013	0,020	FALSE
0,005	0,317	0,001	0,009	0,030	FALSE
-0,211	0,303	-0,008	0,012	0,324	FALSE

0,090	0,288	0,002	0,006	0,155	FALSE
0,036	0,302	0,002	0,013	0,061	FALSE
0,027	0,313	0,001	0,013	0,025	FALSE
-0,078	0,312	-0,003	0,013	0,087	FALSE
-0,050	0,302	-0,001	0,008	0,062	FALSE
-0,060	0,286	-0,002	0,007	0,087	TRUE
0,021	0,315	0,001	0,012	0,039	FALSE
-0,012	0,327	0,000	0,012	0,011	FALSE
0,058	0,307	0,002	0,008	0,079	FALSE
0,089	0,291	0,002	0,007	0,105	FALSE
0,062	0,319	0,002	0,007	0,107	FALSE
-0,024	0,311	-0,001	0,008	0,026	FALSE
0,098	0,309	0,004	0,012	0,112	FALSE
-0,061	0,290	-0,001	0,006	0,090	FALSE
0,095	0,305	0,004	0,013	0,121	FALSE
0,077	0,304	0,001	0,007	0,079	FALSE
-0,119	0,305	-0,003	0,008	0,158	FALSE
0,030	0,305	0,001	0,013	0,027	FALSE
-0,048	0,330	-0,001	0,011	0,041	FALSE
0,168	0,304	0,008	0,012	0,284	FALSE
-0,001	0,320	0,000	0,008	0,002	FALSE
-0,044	0,299	-0,001	0,009	0,055	FALSE
0,047	0,313	0,001	0,007	0,056	FALSE
-0,106	0,298	-0,003	0,008	0,135	FALSE
0,085	0,320	0,004	0,012	0,113	FALSE
0,132	0,299	0,006	0,013	0,191	FALSE
0,041	0,305	0,001	0,009	0,049	FALSE
-0,039	0,314	-0,002	0,012	0,058	FALSE
0,062	0,313	0,002	0,011	0,085	FALSE
0,042	0,297	0,000	0,013	0,010	FALSE
-0,102	0,302	-0,004	0,010	0,156	FALSE
0,075	0,288	0,002	0,010	0,076	FALSE
-0,120	0,310	-0,003	0,007	0,150	FALSE
0,062	0,309	0,002	0,011	0,055	FALSE
0,066	0,314	0,002	0,009	0,083	FALSE
-0,041	0,311	-0,001	0,011	0,045	FALSE
-0,048	0,321	-0,002	0,011	0,060	FALSE
-0,007	0,323	-0,001	0,013	0,027	FALSE
0,027	0,312	0,000	0,012	0,001	FALSE
-0,040	0,324	-0,002	0,010	0,060	FALSE
0,078	0,317	0,002	0,010	0,092	FALSE
0,009	0,292	0,000	0,009	0,009	FALSE
-0,054	0,298	-0,002	0,012	0,070	FALSE
0,176	0,297	0,004	0,008	0,239	FALSE
-0,105	0,292	-0,002	0,006	0,130	FALSE
-0,085	0,309	-0,002	0,008	0,098	FALSE
0,023	0,314	0,001	0,007	0,032	FALSE
0,062	0,314	0,002	0,013	0,057	FALSE
0,046	0,306	0,001	0,010	0,049	FALSE
-0,134	0,305	-0,005	0,012	0,167	FALSE
-0,065	0,298	-0,002	0,009	0,062	FALSE
-0,053	0,313	-0,002	0,011	0,085	FALSE
-0,056	0,308	-0,002	0,012	0,056	FALSE

-0,087	0,302	-0,003	0,010	0,119	FALSE
-0,020	0,291	-0,001	0,009	0,050	FALSE
0,005	0,306	0,000	0,009	0,010	FALSE
0,024	0,313	0,001	0,007	0,028	FALSE
0,079	0,296	0,003	0,011	0,091	FALSE
0,060	0,316	0,002	0,007	0,102	FALSE
-0,017	0,299	0,000	0,012	0,004	FALSE
-0,028	0,304	-0,001	0,012	0,015	FALSE
0,112	0,306	0,003	0,007	0,155	FALSE
-0,039	0,312	-0,002	0,012	0,051	FALSE
-0,018	0,299	-0,001	0,007	0,042	FALSE
0,079	0,307	0,002	0,010	0,065	FALSE
-0,037	0,302	-0,001	0,006	0,043	FALSE
0,010	0,314	0,000	0,008	0,018	FALSE
-0,067	0,318	-0,003	0,012	0,087	FALSE
0,064	0,304	0,002	0,008	0,088	FALSE
-0,179	0,306	-0,008	0,012	0,279	FALSE
-0,086	0,303	-0,003	0,010	0,116	FALSE
0,042	0,318	0,001	0,010	0,032	FALSE
0,051	0,305	0,001	0,010	0,046	FALSE
0,050	0,306	0,001	0,009	0,055	FALSE
0,080	0,294	0,001	0,006	0,081	FALSE
0,007	0,300	0,000	0,008	0,002	FALSE
0,054	0,327	0,002	0,010	0,079	FALSE
0,014	0,313	0,000	0,009	0,007	FALSE
-0,051	0,310	-0,001	0,007	0,074	FALSE
-0,031	0,310	-0,001	0,007	0,049	FALSE
-0,078	0,319	-0,002	0,008	0,105	FALSE
-0,042	0,310	-0,001	0,007	0,060	FALSE
0,047	0,316	0,001	0,007	0,055	FALSE
0,034	0,322	0,001	0,007	0,035	FALSE
-0,017	0,292	-0,001	0,010	0,026	FALSE
0,040	0,314	0,001	0,009	0,044	FALSE
-0,072	0,301	-0,002	0,010	0,070	FALSE
-0,091	0,311	-0,003	0,009	0,135	FALSE
-0,128	0,316	-0,004	0,011	0,136	FALSE
-0,045	0,303	-0,001	0,007	0,055	FALSE
-0,005	0,293	0,000	0,008	0,013	FALSE
-0,054	0,308	-0,003	0,013	0,096	FALSE
0,067	0,303	0,002	0,011	0,080	FALSE
-0,040	0,305	-0,001	0,011	0,029	FALSE
-0,197	0,300	-0,005	0,008	0,298	FALSE
-0,154	0,306	-0,004	0,008	0,207	FALSE
-0,062	0,318	-0,002	0,009	0,070	FALSE
-0,055	0,303	-0,002	0,012	0,051	FALSE
-0,034	0,301	-0,001	0,009	0,046	FALSE
-0,060	0,307	-0,001	0,009	0,049	FALSE
-0,009	0,307	0,000	0,007	0,024	FALSE
-0,032	0,301	0,000	0,006	0,004	FALSE
0,043	0,312	0,002	0,009	0,073	FALSE
-0,007	0,307	0,000	0,007	0,022	FALSE
-0,062	0,323	-0,001	0,007	0,054	FALSE
0,001	0,315	0,000	0,009	0,010	FALSE

0,066	0,299	0,002	0,012	0,065	FALSE
-0,108	0,301	-0,004	0,011	0,163	FALSE
0,109	0,299	0,002	0,007	0,128	FALSE
0,030	0,307	0,001	0,011	0,047	FALSE
0,104	0,304	0,004	0,012	0,140	FALSE
0,141	0,307	0,003	0,006	0,200	FALSE
-0,015	0,305	-0,001	0,007	0,028	FALSE
-0,016	0,309	-0,001	0,012	0,037	FALSE
-0,142	0,296	-0,003	0,006	0,186	FALSE
0,081	0,325	0,002	0,007	0,119	FALSE
-0,042	0,316	-0,001	0,007	0,053	FALSE
0,059	0,307	0,002	0,006	0,092	FALSE
0,001	0,295	0,000	0,006	0,016	FALSE
-0,063	0,311	-0,002	0,011	0,078	FALSE
0,134	0,301	0,003	0,007	0,173	FALSE
0,097	0,294	0,004	0,013	0,112	FALSE
-0,054	0,278	-0,002	0,012	0,046	FALSE
0,032	0,301	0,001	0,013	0,026	FALSE
-0,079	0,307	-0,002	0,009	0,100	FALSE
-0,008	0,303	0,000	0,009	0,013	FALSE
0,025	0,302	0,002	0,009	0,068	FALSE
0,093	0,325	0,003	0,012	0,082	FALSE
-0,005	0,309	-0,001	0,013	0,033	FALSE
0,045	0,304	0,002	0,010	0,068	FALSE
0,018	0,311	0,001	0,008	0,051	FALSE
0,074	0,313	0,001	0,007	0,063	FALSE
-0,001	0,333	0,000	0,008	0,006	FALSE
0,095	0,306	0,004	0,010	0,148	FALSE
0,137	0,305	0,005	0,013	0,153	FALSE
0,069	0,298	0,004	0,010	0,137	FALSE
-0,069	0,304	-0,003	0,012	0,105	FALSE
0,029	0,323	0,000	0,011	0,012	FALSE
-0,179	0,297	-0,008	0,012	0,280	FALSE
-0,004	0,309	0,000	0,007	0,005	FALSE
0,005	0,312	0,000	0,008	0,006	FALSE
0,049	0,311	0,002	0,009	0,072	FALSE
0,126	0,305	0,005	0,011	0,199	FALSE
-0,025	0,300	0,000	0,007	0,017	FALSE
0,033	0,323	0,001	0,013	0,025	FALSE
-0,037	0,292	0,000	0,008	0,016	FALSE
0,012	0,306	0,000	0,010	0,016	FALSE
-0,023	0,294	-0,001	0,012	0,032	FALSE
0,132	0,315	0,005	0,012	0,163	FALSE
0,053	0,301	0,001	0,007	0,058	FALSE
-0,042	0,302	-0,002	0,008	0,077	FALSE
0,011	0,297	0,000	0,011	0,010	FALSE
0,006	0,325	0,000	0,012	0,000	FALSE
-0,020	0,325	-0,001	0,010	0,024	FALSE
-0,110	0,310	-0,004	0,009	0,169	FALSE
0,113	0,306	0,003	0,008	0,157	FALSE
-0,070	0,299	-0,003	0,013	0,073	FALSE
0,021	0,303	0,001	0,009	0,042	FALSE
-0,076	0,308	-0,003	0,011	0,089	FALSE

0,162	0,305	0,004	0,006	0,268	FALSE
-0,256	0,295	-0,008	0,009	0,397	FALSE
-0,016	0,319	-0,001	0,012	0,020	FALSE
-0,031	0,296	-0,001	0,012	0,041	FALSE
-0,080	0,308	-0,002	0,007	0,093	FALSE
-0,010	0,307	-0,001	0,008	0,023	FALSE
-0,105	0,299	-0,005	0,012	0,162	FALSE
-0,104	0,310	-0,002	0,007	0,099	FALSE
-0,051	0,303	-0,003	0,013	0,074	FALSE
-0,079	0,300	-0,002	0,008	0,096	FALSE
0,017	0,300	0,000	0,011	0,016	FALSE
-0,009	0,306	-0,001	0,011	0,047	FALSE
0,114	0,287	0,004	0,012	0,137	FALSE
-0,114	0,306	-0,004	0,011	0,144	FALSE
0,142	0,303	0,005	0,012	0,183	FALSE
-0,045	0,294	-0,001	0,008	0,031	FALSE
0,013	0,307	0,001	0,009	0,031	FALSE
-0,008	0,312	0,000	0,009	0,019	FALSE
-0,021	0,320	0,000	0,012	0,010	FALSE
-0,001	0,306	0,000	0,009	0,010	FALSE
0,010	0,312	0,001	0,012	0,024	FALSE
0,034	0,315	0,002	0,013	0,069	FALSE
0,023	0,323	0,002	0,014	0,047	FALSE
-0,039	0,309	-0,002	0,011	0,063	FALSE
-0,083	0,304	-0,001	0,006	0,085	FALSE
0,088	0,290	0,003	0,012	0,097	FALSE
0,058	0,311	0,002	0,013	0,053	FALSE
0,082	0,297	0,002	0,009	0,091	FALSE
-0,151	0,303	-0,005	0,012	0,169	FALSE
-0,121	0,295	-0,003	0,008	0,146	FALSE
0,087	0,296	0,002	0,009	0,087	FALSE
-0,124	0,323	-0,003	0,009	0,142	FALSE
0,004	0,312	0,000	0,013	0,012	FALSE
-0,011	0,309	-0,001	0,008	0,047	FALSE
-0,064	0,314	-0,001	0,007	0,077	FALSE
0,049	0,317	0,002	0,013	0,068	FALSE
0,050	0,304	0,003	0,010	0,108	FALSE
0,000	0,309	0,000	0,008	0,018	FALSE
-0,001	0,301	0,000	0,008	0,011	FALSE
0,046	0,305	0,001	0,007	0,044	FALSE
0,059	0,329	0,002	0,009	0,077	FALSE
-0,004	0,314	0,000	0,008	0,005	FALSE
-0,032	0,309	-0,001	0,007	0,034	FALSE
0,032	0,326	0,001	0,009	0,034	FALSE
-0,177	0,300	-0,004	0,007	0,249	FALSE
0,012	0,315	0,000	0,010	0,005	FALSE
0,131	0,292	0,003	0,006	0,194	FALSE
-0,126	0,306	-0,003	0,007	0,171	FALSE
-0,106	0,307	-0,003	0,008	0,151	FALSE
-0,124	0,308	-0,004	0,008	0,191	FALSE
-0,120	0,310	-0,003	0,007	0,168	FALSE
-0,140	0,305	-0,004	0,008	0,194	FALSE
-0,071	0,308	-0,002	0,008	0,110	FALSE

-0,095	0,297	-0,003	0,008	0,140	FALSE
-0,104	0,301	-0,003	0,007	0,146	FALSE
0,025	0,320	0,001	0,013	0,014	FALSE
-0,143	0,301	-0,006	0,011	0,248	FALSE
-0,127	0,314	-0,005	0,012	0,182	FALSE
-0,036	0,306	-0,001	0,008	0,057	FALSE
-0,001	0,309	0,000	0,011	0,008	FALSE
-0,012	0,303	0,000	0,009	0,017	FALSE
-0,185	0,303	-0,004	0,007	0,258	FALSE
-0,034	0,314	-0,001	0,009	0,057	FALSE
-0,059	0,299	-0,002	0,009	0,073	FALSE
0,048	0,312	0,001	0,009	0,059	FALSE
-0,077	0,298	-0,003	0,009	0,136	FALSE
-0,126	0,303	-0,004	0,012	0,145	FALSE
-0,012	0,323	-0,001	0,012	0,023	FALSE
-0,003	0,313	0,001	0,007	0,026	FALSE
0,114	0,318	0,004	0,012	0,135	FALSE
0,082	0,300	0,003	0,010	0,137	FALSE
-0,027	0,298	-0,001	0,011	0,044	FALSE
-0,124	0,302	-0,005	0,013	0,160	FALSE
-0,003	0,307	0,000	0,011	0,015	FALSE
-0,002	0,301	0,000	0,011	0,006	FALSE
0,222	0,310	0,007	0,010	0,347	FALSE
-0,166	0,302	-0,005	0,009	0,234	FALSE
0,038	0,299	0,001	0,010	0,027	FALSE
-0,018	0,296	-0,001	0,009	0,035	FALSE
0,049	0,329	0,002	0,011	0,065	FALSE
0,069	0,310	0,003	0,012	0,097	FALSE
0,007	0,309	0,000	0,008	0,009	FALSE
-0,206	0,313	-0,004	0,007	0,290	FALSE
0,032	0,308	0,001	0,008	0,071	FALSE
0,084	0,310	0,003	0,012	0,098	FALSE
0,062	0,289	0,002	0,007	0,126	FALSE
0,095	0,303	0,004	0,012	0,126	FALSE
-0,065	0,304	-0,003	0,012	0,092	FALSE
-0,048	0,303	-0,001	0,007	0,066	FALSE
0,036	0,314	0,001	0,012	0,027	FALSE
-0,061	0,309	-0,002	0,008	0,081	FALSE
-0,023	0,296	-0,001	0,009	0,023	FALSE
-0,042	0,314	-0,002	0,011	0,057	FALSE
-0,027	0,309	-0,001	0,010	0,050	FALSE
-0,088	0,301	-0,003	0,011	0,098	FALSE
-0,049	0,291	-0,002	0,011	0,069	FALSE
-0,023	0,282	-0,001	0,011	0,034	FALSE
-0,004	0,299	0,000	0,013	0,003	FALSE
0,073	0,311	0,002	0,010	0,067	FALSE
0,068	0,299	0,002	0,011	0,057	FALSE
-0,087	0,305	-0,001	0,007	0,082	FALSE
-0,006	0,307	0,000	0,009	0,004	FALSE
0,031	0,305	0,001	0,010	0,030	FALSE
0,032	0,309	0,001	0,009	0,059	FALSE
-0,047	0,301	-0,001	0,011	0,039	FALSE
0,030	0,303	0,000	0,006	0,030	FALSE

0,090	0,294	0,003	0,011	0,113	FALSE
0,089	0,298	0,004	0,012	0,133	FALSE
0,048	0,310	0,001	0,007	0,063	FALSE
-0,060	0,303	-0,001	0,007	0,076	FALSE
0,033	0,309	0,002	0,009	0,063	FALSE
0,041	0,319	0,002	0,013	0,052	FALSE
-0,116	0,320	-0,005	0,012	0,160	FALSE
0,134	0,312	0,003	0,008	0,142	FALSE
0,035	0,310	0,001	0,008	0,039	FALSE
0,115	0,310	0,005	0,012	0,158	FALSE
0,157	0,313	0,007	0,012	0,229	FALSE
0,029	0,307	0,001	0,011	0,048	FALSE
0,048	0,300	0,002	0,011	0,066	FALSE
-0,087	0,305	-0,003	0,012	0,084	FALSE
-0,055	0,305	-0,001	0,013	0,033	FALSE
-0,023	0,302	-0,002	0,011	0,065	FALSE
0,024	0,303	0,000	0,011	0,009	FALSE
0,005	0,292	-0,001	0,010	0,028	FALSE
-0,124	0,308	-0,003	0,010	0,139	FALSE
0,000	0,315	0,000	0,007	0,016	FALSE
0,117	0,305	0,005	0,012	0,166	FALSE
0,025	0,290	0,001	0,008	0,026	FALSE
0,034	0,303	0,001	0,011	0,034	FALSE
0,023	0,318	0,001	0,011	0,017	FALSE
-0,017	0,291	0,000	0,006	0,005	FALSE
-0,117	0,299	-0,004	0,012	0,127	FALSE
0,033	0,311	0,001	0,008	0,048	FALSE
0,085	0,307	0,003	0,011	0,120	FALSE
0,016	0,305	0,001	0,007	0,030	FALSE
0,053	0,303	0,001	0,010	0,038	FALSE
-0,070	0,305	-0,003	0,013	0,099	FALSE
0,035	0,311	0,002	0,012	0,052	FALSE
0,023	0,310	0,000	0,007	0,000	FALSE
-0,061	0,320	-0,002	0,009	0,079	FALSE
0,072	0,303	0,002	0,008	0,085	FALSE
0,042	0,302	0,001	0,011	0,047	FALSE
-0,003	0,295	0,000	0,010	0,012	FALSE
0,033	0,307	0,001	0,009	0,036	FALSE
-0,097	0,311	-0,002	0,008	0,108	FALSE
0,025	0,313	0,001	0,008	0,032	FALSE
-0,132	0,302	-0,002	0,006	0,146	FALSE
0,018	0,305	0,000	0,006	0,017	FALSE
0,018	0,306	0,002	0,012	0,048	FALSE
0,029	0,308	0,002	0,013	0,050	FALSE
-0,040	0,313	-0,001	0,006	0,043	FALSE
-0,080	0,307	-0,003	0,010	0,098	FALSE
-0,078	0,315	-0,003	0,011	0,098	FALSE
0,105	0,301	0,003	0,010	0,132	FALSE
-0,105	0,312	-0,003	0,007	0,135	FALSE
-0,031	0,307	-0,001	0,007	0,026	FALSE
0,044	0,297	0,002	0,013	0,047	FALSE
0,009	0,316	0,000	0,010	0,000	FALSE
-0,006	0,322	-0,001	0,011	0,037	FALSE

-0,139	0,303	-0,004	0,008	0,208	FALSE
-0,060	0,291	-0,002	0,011	0,050	FALSE
0,023	0,310	0,000	0,007	0,020	FALSE
-0,072	0,302	-0,003	0,012	0,085	FALSE
0,049	0,302	0,001	0,009	0,032	FALSE
-0,073	0,307	-0,002	0,008	0,077	FALSE
-0,038	0,309	0,000	0,007	0,012	FALSE
-0,039	0,325	-0,001	0,008	0,037	FALSE
-0,034	0,314	-0,001	0,009	0,026	FALSE
0,116	0,308	0,004	0,011	0,124	FALSE
-0,051	0,315	-0,001	0,008	0,049	FALSE
0,028	0,301	0,001	0,011	0,040	FALSE
0,074	0,305	0,002	0,012	0,072	FALSE
-0,055	0,304	-0,002	0,012	0,058	FALSE
-0,028	0,308	-0,001	0,011	0,017	FALSE
-0,074	0,318	-0,003	0,013	0,101	FALSE
-0,115	0,313	-0,003	0,010	0,124	FALSE
-0,088	0,307	-0,004	0,012	0,125	FALSE
-0,095	0,316	-0,002	0,007	0,108	FALSE
-0,058	0,311	-0,001	0,007	0,061	FALSE
0,043	0,311	0,002	0,013	0,047	FALSE
0,050	0,298	0,001	0,010	0,041	FALSE
-0,014	0,326	-0,001	0,013	0,019	FALSE
0,060	0,308	0,002	0,010	0,060	FALSE
0,010	0,315	0,000	0,009	0,011	FALSE
0,086	0,309	0,003	0,012	0,113	FALSE
0,092	0,310	0,004	0,012	0,118	FALSE
0,061	0,306	0,003	0,010	0,098	FALSE
-0,068	0,296	-0,003	0,012	0,091	FALSE
0,072	0,299	0,003	0,010	0,128	FALSE
-0,057	0,310	-0,003	0,013	0,079	FALSE
-0,087	0,294	-0,003	0,011	0,119	FALSE
-0,027	0,292	0,000	0,006	0,022	FALSE
0,009	0,322	0,001	0,012	0,021	FALSE
0,065	0,313	0,003	0,012	0,080	FALSE
-0,074	0,309	-0,003	0,011	0,117	FALSE
-0,008	0,303	0,000	0,009	0,010	FALSE
-0,099	0,307	-0,002	0,008	0,088	FALSE
0,045	0,309	0,002	0,009	0,066	FALSE
0,015	0,304	0,001	0,011	0,016	FALSE
-0,129	0,301	-0,004	0,007	0,205	FALSE
0,059	0,293	0,002	0,008	0,101	FALSE
0,131	0,300	0,005	0,012	0,159	FALSE
0,136	0,303	0,005	0,012	0,157	FALSE
0,021	0,312	0,000	0,007	0,019	FALSE
0,034	0,317	0,001	0,008	0,057	FALSE
0,089	0,316	0,002	0,008	0,102	FALSE
-0,102	0,297	-0,005	0,011	0,176	FALSE
0,060	0,301	0,001	0,007	0,057	FALSE
0,113	0,307	0,003	0,007	0,166	FALSE
-0,085	0,308	-0,006	0,013	0,173	FALSE
-0,150	0,310	-0,007	0,012	0,246	FALSE
0,001	0,308	0,000	0,007	0,007	FALSE

0,001	0,306	0,001	0,012	0,042	FALSE
-0,158	0,318	-0,006	0,012	0,189	FALSE
-0,006	0,306	0,000	0,007	0,024	FALSE
0,108	0,300	0,003	0,008	0,150	FALSE
0,027	0,312	0,001	0,009	0,058	FALSE
-0,067	0,310	-0,001	0,011	0,052	FALSE
-0,051	0,321	-0,002	0,013	0,058	FALSE
0,068	0,308	0,002	0,011	0,061	FALSE
-0,007	0,313	0,000	0,006	0,013	FALSE
-0,098	0,306	-0,003	0,008	0,136	FALSE
-0,011	0,312	0,000	0,007	0,001	FALSE
0,035	0,300	0,000	0,012	0,002	FALSE
0,011	0,317	0,001	0,007	0,026	FALSE
0,087	0,313	0,003	0,008	0,124	FALSE
0,057	0,309	0,002	0,010	0,077	FALSE
-0,071	0,330	-0,003	0,010	0,103	FALSE
-0,054	0,304	-0,001	0,007	0,059	FALSE
-0,149	0,315	-0,003	0,007	0,198	FALSE
0,005	0,322	0,000	0,010	0,003	FALSE
0,010	0,307	0,001	0,013	0,014	FALSE
-0,031	0,309	-0,002	0,013	0,046	FALSE
-0,010	0,308	0,000	0,008	0,006	FALSE
-0,053	0,319	-0,002	0,011	0,063	FALSE
-0,017	0,320	-0,001	0,008	0,033	FALSE
-0,046	0,308	-0,001	0,011	0,046	FALSE
0,003	0,316	0,000	0,009	0,011	FALSE
0,047	0,292	0,001	0,012	0,026	FALSE
0,082	0,311	0,001	0,007	0,050	FALSE
-0,113	0,290	-0,005	0,011	0,179	FALSE
-0,002	0,310	0,000	0,006	0,000	FALSE
0,031	0,310	0,000	0,007	0,022	FALSE
0,050	0,307	0,001	0,006	0,083	FALSE
-0,019	0,291	0,000	0,012	0,011	FALSE
-0,042	0,316	-0,001	0,013	0,041	FALSE
-0,007	0,290	-0,001	0,009	0,021	FALSE
0,059	0,313	0,002	0,010	0,077	FALSE
0,051	0,317	0,002	0,010	0,076	FALSE
-0,006	0,299	-0,001	0,013	0,029	FALSE
0,059	0,303	0,002	0,010	0,091	FALSE
0,051	0,304	0,002	0,010	0,090	FALSE
0,039	0,306	0,001	0,011	0,035	FALSE
0,016	0,308	0,000	0,009	0,019	FALSE
0,008	0,312	0,000	0,012	0,001	FALSE
-0,055	0,317	-0,002	0,010	0,081	FALSE
-0,057	0,295	-0,002	0,009	0,100	FALSE
0,071	0,316	0,003	0,012	0,090	FALSE
0,008	0,313	0,000	0,013	0,011	FALSE
-0,088	0,303	-0,002	0,008	0,108	FALSE
0,044	0,295	0,001	0,007	0,055	FALSE
0,073	0,314	0,002	0,007	0,088	FALSE
0,023	0,309	0,001	0,012	0,035	FALSE
0,106	0,306	0,003	0,009	0,124	FALSE
0,080	0,303	0,003	0,012	0,108	FALSE

0,102	0,291	0,005	0,012	0,175	FALSE
0,087	0,290	0,005	0,012	0,152	FALSE
0,001	0,302	0,001	0,013	0,029	FALSE
0,083	0,295	0,003	0,008	0,162	FALSE
-0,007	0,316	0,000	0,012	0,008	FALSE
0,013	0,311	0,001	0,013	0,018	FALSE
-0,067	0,297	-0,002	0,011	0,057	FALSE
-0,060	0,297	-0,002	0,012	0,055	FALSE
0,042	0,310	0,001	0,010	0,051	FALSE
0,130	0,304	0,003	0,006	0,200	FALSE
0,032	0,306	0,000	0,008	0,012	FALSE
-0,108	0,308	-0,002	0,007	0,127	FALSE
0,114	0,316	0,003	0,008	0,140	FALSE
-0,066	0,301	-0,002	0,009	0,104	FALSE
-0,070	0,313	-0,002	0,009	0,101	FALSE
0,021	0,313	0,002	0,013	0,056	FALSE
-0,023	0,297	0,000	0,007	0,024	FALSE
0,000	0,320	0,000	0,008	0,019	FALSE
0,094	0,299	0,002	0,007	0,113	FALSE
0,054	0,314	0,001	0,010	0,045	FALSE
-0,107	0,314	-0,003	0,011	0,102	FALSE
0,040	0,302	0,001	0,011	0,033	FALSE
-0,004	0,289	0,000	0,011	0,004	FALSE
-0,105	0,306	-0,002	0,008	0,105	FALSE
-0,060	0,307	-0,001	0,007	0,081	FALSE
-0,043	0,318	-0,001	0,007	0,039	FALSE
0,045	0,311	0,001	0,010	0,055	FALSE
-0,085	0,315	-0,002	0,008	0,105	FALSE
0,072	0,317	0,001	0,007	0,065	FALSE
-0,014	0,314	-0,001	0,010	0,018	FALSE
-0,023	0,307	-0,001	0,010	0,027	FALSE
0,098	0,312	0,003	0,011	0,125	FALSE
-0,049	0,314	-0,002	0,012	0,069	FALSE
0,039	0,319	0,001	0,012	0,046	FALSE
-0,079	0,315	-0,002	0,009	0,100	FALSE
0,025	0,294	0,001	0,007	0,042	FALSE
-0,025	0,316	-0,001	0,009	0,034	FALSE
0,070	0,315	0,002	0,011	0,076	FALSE
0,103	0,289	0,002	0,006	0,168	FALSE
-0,018	0,327	-0,001	0,011	0,038	FALSE
0,084	0,308	0,003	0,011	0,086	FALSE
0,079	0,301	0,002	0,008	0,078	FALSE
0,100	0,304	0,003	0,008	0,139	FALSE
-0,058	0,317	-0,002	0,010	0,068	FALSE
0,071	0,303	0,001	0,006	0,085	FALSE
-0,156	0,301	-0,004	0,009	0,214	FALSE
0,048	0,308	0,001	0,007	0,067	FALSE
0,100	0,313	0,005	0,013	0,146	FALSE
-0,020	0,309	0,000	0,007	0,009	FALSE
0,063	0,314	0,002	0,013	0,065	FALSE
-0,015	0,314	0,000	0,010	0,011	FALSE
0,031	0,318	0,001	0,007	0,039	FALSE
-0,058	0,310	-0,001	0,006	0,073	FALSE

-0,053	0,307	-0,001	0,009	0,050	FALSE
-0,091	0,303	-0,002	0,008	0,094	FALSE
-0,077	0,314	-0,001	0,007	0,067	FALSE
0,118	0,298	0,002	0,007	0,138	FALSE
0,090	0,315	0,003	0,012	0,106	FALSE
0,053	0,302	0,002	0,009	0,098	FALSE
-0,087	0,314	-0,003	0,011	0,111	FALSE
0,073	0,299	0,002	0,008	0,074	FALSE
0,067	0,314	0,002	0,011	0,073	FALSE
0,158	0,297	0,005	0,009	0,241	FALSE
-0,114	0,305	-0,005	0,012	0,177	FALSE
0,015	0,307	0,000	0,006	0,013	FALSE
0,042	0,318	0,000	0,011	0,013	FALSE
-0,033	0,315	-0,001	0,007	0,042	FALSE
-0,091	0,308	-0,002	0,008	0,115	FALSE
-0,031	0,310	-0,001	0,007	0,030	FALSE
0,040	0,304	0,001	0,011	0,026	FALSE
0,075	0,294	0,002	0,011	0,083	FALSE
0,075	0,306	0,002	0,007	0,101	FALSE
0,066	0,295	0,002	0,011	0,058	FALSE
0,106	0,306	0,005	0,011	0,162	FALSE
0,208	0,278	0,007	0,010	0,327	FALSE
0,192	0,295	0,007	0,011	0,283	FALSE
0,097	0,302	0,005	0,013	0,157	FALSE
0,073	0,313	0,002	0,008	0,078	FALSE
0,111	0,306	0,003	0,007	0,152	FALSE
-0,048	0,290	-0,002	0,008	0,099	FALSE
-0,077	0,317	-0,002	0,009	0,071	FALSE
0,077	0,307	0,004	0,010	0,146	FALSE
0,086	0,304	0,003	0,007	0,173	FALSE
-0,141	0,322	-0,003	0,007	0,152	FALSE
0,014	0,291	0,001	0,009	0,031	FALSE
0,025	0,316	0,001	0,008	0,054	FALSE
-0,023	0,309	0,000	0,008	0,021	FALSE
0,045	0,298	0,001	0,007	0,060	FALSE
-0,028	0,305	0,000	0,011	0,005	FALSE
-0,124	0,310	-0,003	0,007	0,181	FALSE
-0,101	0,303	-0,003	0,009	0,138	FALSE
0,009	0,315	0,001	0,011	0,024	FALSE
-0,103	0,308	-0,003	0,008	0,148	FALSE
0,048	0,312	0,002	0,013	0,057	FALSE
0,015	0,304	0,001	0,012	0,017	FALSE
0,011	0,306	0,001	0,010	0,032	FALSE
-0,005	0,305	-0,001	0,013	0,016	FALSE
-0,058	0,315	-0,002	0,007	0,085	FALSE
-0,106	0,312	-0,002	0,007	0,127	FALSE
0,014	0,303	0,000	0,010	0,011	FALSE
0,008	0,303	0,000	0,010	0,009	FALSE
0,089	0,300	0,005	0,013	0,152	FALSE
-0,032	0,301	-0,001	0,008	0,029	FALSE
0,032	0,305	0,001	0,006	0,070	FALSE
0,019	0,309	0,000	0,010	0,011	FALSE
-0,052	0,291	-0,002	0,012	0,053	FALSE

-0,064	0,303	-0,002	0,013	0,069	FALSE
-0,056	0,305	-0,001	0,008	0,067	FALSE
-0,089	0,296	-0,002	0,007	0,117	FALSE
-0,059	0,319	-0,003	0,012	0,088	FALSE
-0,047	0,298	-0,002	0,010	0,085	FALSE
0,122	0,293	0,005	0,011	0,171	FALSE
-0,155	0,299	-0,004	0,008	0,205	FALSE
-0,073	0,306	-0,002	0,012	0,078	FALSE
-0,125	0,300	-0,002	0,007	0,137	FALSE
-0,168	0,300	-0,004	0,007	0,201	FALSE
0,020	0,311	0,001	0,011	0,022	FALSE
0,131	0,317	0,003	0,007	0,189	FALSE
-0,008	0,307	0,000	0,006	0,016	FALSE
0,097	0,302	0,003	0,008	0,159	FALSE
-0,056	0,293	-0,001	0,007	0,058	FALSE
-0,069	0,295	-0,001	0,006	0,077	FALSE
-0,031	0,321	0,000	0,009	0,009	FALSE
0,137	0,299	0,004	0,008	0,226	FALSE
0,031	0,314	0,001	0,007	0,034	FALSE
0,020	0,301	0,001	0,007	0,036	FALSE
0,109	0,310	0,002	0,008	0,118	FALSE
-0,112	0,317	-0,003	0,008	0,143	FALSE
0,029	0,300	0,001	0,008	0,043	FALSE
-0,068	0,312	-0,003	0,009	0,118	FALSE
0,033	0,318	0,001	0,013	0,035	FALSE
0,042	0,320	0,002	0,011	0,050	FALSE
0,080	0,317	0,002	0,007	0,099	FALSE
-0,054	0,314	-0,001	0,012	0,042	FALSE
-0,050	0,310	-0,001	0,012	0,036	FALSE
0,091	0,313	0,004	0,013	0,122	FALSE
-0,046	0,294	-0,002	0,010	0,073	FALSE
0,107	0,301	0,003	0,007	0,172	FALSE
0,140	0,313	0,005	0,011	0,200	FALSE
0,112	0,300	0,004	0,008	0,209	FALSE
0,029	0,307	0,001	0,007	0,056	FALSE
0,031	0,314	0,001	0,011	0,032	FALSE
0,027	0,315	0,001	0,011	0,025	FALSE
-0,144	0,317	-0,003	0,007	0,171	FALSE
-0,165	0,312	-0,004	0,007	0,206	FALSE
-0,016	0,314	-0,001	0,009	0,037	FALSE
-0,072	0,311	-0,003	0,011	0,104	FALSE
-0,133	0,307	-0,003	0,008	0,187	FALSE
-0,068	0,294	-0,001	0,007	0,066	FALSE
-0,052	0,312	-0,001	0,007	0,050	FALSE
0,037	0,306	0,000	0,008	0,019	FALSE
0,097	0,314	0,002	0,007	0,122	FALSE
-0,041	0,309	-0,001	0,010	0,037	FALSE
-0,135	0,307	-0,003	0,007	0,158	FALSE
0,208	0,294	0,005	0,008	0,306	FALSE
0,080	0,307	0,003	0,010	0,125	FALSE
0,191	0,295	0,006	0,010	0,261	FALSE
0,183	0,303	0,006	0,010	0,253	FALSE
0,129	0,293	0,004	0,009	0,158	FALSE

0,192	0,299	0,006	0,009	0,268	FALSE
0,164	0,291	0,005	0,009	0,228	FALSE
0,146	0,314	0,004	0,010	0,177	FALSE
-0,114	0,298	-0,003	0,008	0,148	FALSE
-0,180	0,306	-0,006	0,010	0,235	FALSE
-0,020	0,308	-0,001	0,011	0,040	FALSE
0,030	0,317	0,001	0,008	0,035	FALSE
-0,038	0,312	-0,002	0,011	0,067	FALSE
0,080	0,306	0,002	0,008	0,128	FALSE
-0,074	0,324	-0,003	0,013	0,100	FALSE
0,132	0,301	0,004	0,008	0,195	FALSE
-0,093	0,315	-0,002	0,007	0,121	FALSE
-0,051	0,311	-0,001	0,007	0,075	FALSE
-0,050	0,303	-0,002	0,010	0,084	FALSE
0,020	0,307	0,001	0,010	0,038	FALSE
-0,040	0,319	-0,001	0,009	0,038	FALSE
-0,030	0,305	-0,001	0,007	0,043	FALSE
-0,003	0,323	0,000	0,007	0,022	FALSE
0,023	0,303	0,000	0,009	0,014	FALSE
0,022	0,314	0,000	0,008	0,021	FALSE
-0,077	0,313	-0,002	0,007	0,095	FALSE
0,001	0,288	-0,001	0,008	0,050	FALSE
-0,041	0,309	-0,001	0,010	0,024	FALSE
-0,007	0,311	0,000	0,008	0,005	FALSE
-0,111	0,322	-0,003	0,008	0,136	FALSE
-0,108	0,319	-0,003	0,007	0,143	FALSE
-0,236	0,322	-0,011	0,014	0,352	FALSE
-0,032	0,320	-0,001	0,010	0,034	FALSE
0,025	0,302	0,001	0,009	0,038	FALSE
0,205	0,297	0,006	0,008	0,318	FALSE
0,010	0,299	0,000	0,008	0,005	FALSE
0,038	0,309	0,001	0,006	0,064	FALSE
0,161	0,304	0,004	0,007	0,259	FALSE
-0,035	0,299	-0,001	0,008	0,031	FALSE
0,048	0,308	0,001	0,007	0,076	FALSE
-0,074	0,291	-0,002	0,008	0,075	FALSE
0,053	0,314	0,001	0,011	0,040	FALSE
0,128	0,297	0,004	0,009	0,179	FALSE
-0,047	0,311	-0,001	0,008	0,051	FALSE
-0,055	0,299	-0,002	0,013	0,059	FALSE
-0,028	0,324	-0,001	0,008	0,044	FALSE
0,066	0,296	0,003	0,013	0,094	FALSE
0,041	0,296	0,002	0,013	0,051	FALSE
-0,124	0,311	-0,005	0,012	0,171	FALSE
-0,087	0,304	-0,002	0,009	0,100	FALSE
-0,130	0,310	-0,003	0,008	0,142	FALSE
-0,098	0,326	-0,004	0,014	0,119	FALSE
-0,141	0,302	-0,004	0,008	0,182	FALSE
0,114	0,322	0,005	0,014	0,135	FALSE
-0,059	0,302	-0,002	0,013	0,064	FALSE
0,065	0,303	0,002	0,006	0,126	FALSE
-0,127	0,309	-0,003	0,008	0,160	FALSE
0,076	0,305	0,003	0,012	0,079	FALSE

0,075	0,307	0,003	0,009	0,108	FALSE
-0,051	0,321	-0,001	0,007	0,049	FALSE
0,007	0,311	0,000	0,008	0,010	FALSE
-0,084	0,321	-0,003	0,010	0,100	FALSE
-0,069	0,315	-0,002	0,010	0,091	FALSE
-0,012	0,307	0,000	0,009	0,006	FALSE
0,072	0,308	0,003	0,011	0,115	FALSE
0,073	0,315	0,003	0,012	0,076	FALSE
-0,185	0,288	-0,007	0,012	0,283	FALSE
0,176	0,320	0,007	0,014	0,225	FALSE
0,170	0,297	0,007	0,013	0,243	FALSE
0,160	0,294	0,006	0,013	0,214	FALSE
-0,031	0,323	0,000	0,008	0,015	FALSE
-0,161	0,302	-0,004	0,007	0,227	FALSE
-0,074	0,313	-0,001	0,008	0,058	FALSE
-0,011	0,299	-0,001	0,009	0,024	FALSE
0,039	0,300	0,002	0,013	0,048	FALSE
-0,024	0,307	0,000	0,010	0,012	FALSE
-0,080	0,308	-0,004	0,013	0,136	FALSE
-0,061	0,296	-0,001	0,010	0,048	FALSE
0,084	0,301	0,001	0,007	0,080	FALSE
-0,077	0,303	-0,002	0,011	0,083	FALSE
-0,043	0,312	-0,001	0,012	0,032	FALSE
0,046	0,305	0,002	0,007	0,082	FALSE
-0,044	0,304	-0,001	0,010	0,053	FALSE
-0,038	0,310	-0,001	0,007	0,045	FALSE
0,147	0,318	0,006	0,013	0,187	FALSE
0,020	0,319	0,001	0,008	0,022	FALSE
0,027	0,308	0,001	0,011	0,038	FALSE
0,017	0,308	0,001	0,012	0,018	FALSE
0,063	0,295	0,002	0,010	0,072	FALSE
0,013	0,312	0,001	0,012	0,026	FALSE
0,019	0,303	0,001	0,012	0,034	FALSE
-0,071	0,305	-0,001	0,007	0,072	FALSE
0,058	0,317	0,002	0,013	0,069	FALSE
-0,119	0,314	-0,005	0,013	0,169	FALSE
-0,015	0,315	0,000	0,007	0,024	FALSE
-0,076	0,327	-0,002	0,007	0,083	FALSE
0,108	0,312	0,004	0,009	0,154	FALSE
0,013	0,316	0,001	0,013	0,021	FALSE
0,068	0,313	0,002	0,009	0,090	FALSE
-0,033	0,321	-0,001	0,008	0,051	FALSE
0,100	0,296	0,003	0,009	0,141	FALSE
0,127	0,300	0,004	0,008	0,189	FALSE
0,106	0,308	0,003	0,008	0,156	FALSE
-0,030	0,314	-0,001	0,010	0,033	FALSE
0,075	0,325	0,002	0,007	0,100	FALSE
-0,001	0,304	0,000	0,008	0,000	FALSE
0,024	0,303	0,001	0,006	0,058	FALSE
0,093	0,297	0,003	0,013	0,077	FALSE
0,109	0,306	0,005	0,010	0,186	FALSE
-0,040	0,309	-0,001	0,012	0,040	FALSE
-0,008	0,300	0,000	0,012	0,008	FALSE

-0,145	0,310	-0,004	0,008	0,172	FALSE
-0,035	0,294	-0,001	0,007	0,054	FALSE
0,139	0,310	0,004	0,009	0,187	FALSE
-0,107	0,301	-0,002	0,007	0,149	FALSE
-0,019	0,301	-0,001	0,009	0,032	FALSE
0,084	0,293	0,002	0,006	0,134	FALSE
-0,047	0,311	-0,003	0,012	0,083	FALSE
0,059	0,309	0,003	0,009	0,104	FALSE
0,073	0,295	0,003	0,007	0,136	FALSE
-0,156	0,298	-0,005	0,011	0,185	FALSE
0,080	0,305	0,003	0,007	0,135	FALSE
0,075	0,307	0,002	0,008	0,115	FALSE
0,065	0,312	0,004	0,013	0,112	FALSE
-0,075	0,317	-0,004	0,012	0,114	FALSE
0,169	0,306	0,005	0,007	0,274	FALSE
-0,070	0,307	-0,002	0,007	0,101	FALSE
0,012	0,308	0,000	0,012	0,003	FALSE
0,003	0,298	0,000	0,012	0,001	FALSE
-0,058	0,299	-0,001	0,007	0,071	FALSE
-0,017	0,322	-0,001	0,009	0,027	FALSE
0,068	0,307	0,002	0,008	0,091	FALSE
-0,048	0,316	-0,003	0,012	0,076	FALSE
-0,014	0,313	-0,001	0,012	0,035	FALSE
-0,075	0,315	-0,003	0,013	0,092	FALSE
-0,031	0,290	-0,001	0,011	0,026	FALSE
0,157	0,317	0,004	0,008	0,196	FALSE
-0,017	0,316	0,000	0,008	0,006	FALSE
0,053	0,311	0,001	0,013	0,043	FALSE
-0,037	0,301	-0,001	0,007	0,060	FALSE
0,023	0,310	0,001	0,009	0,036	FALSE
-0,031	0,315	-0,001	0,012	0,029	FALSE
0,023	0,312	0,001	0,011	0,041	FALSE
-0,069	0,311	-0,002	0,008	0,080	FALSE
-0,086	0,307	-0,003	0,012	0,094	FALSE
-0,031	0,327	-0,001	0,009	0,030	FALSE
0,044	0,301	0,002	0,012	0,048	FALSE
-0,064	0,322	-0,002	0,009	0,068	FALSE
0,046	0,307	0,001	0,007	0,052	FALSE
0,110	0,291	0,003	0,007	0,176	FALSE
-0,032	0,300	-0,001	0,007	0,055	FALSE
-0,094	0,317	-0,003	0,009	0,130	FALSE
0,094	0,300	0,003	0,007	0,144	FALSE
0,059	0,305	0,002	0,010	0,084	FALSE
0,100	0,298	0,003	0,007	0,156	FALSE
-0,102	0,298	-0,003	0,011	0,098	FALSE
0,070	0,313	0,001	0,007	0,059	FALSE
-0,009	0,318	-0,001	0,010	0,035	FALSE
0,064	0,304	0,003	0,012	0,077	FALSE
-0,098	0,302	-0,003	0,012	0,107	FALSE
0,004	0,314	0,000	0,007	0,022	FALSE
-0,043	0,313	-0,001	0,009	0,048	FALSE
0,079	0,320	0,003	0,010	0,095	FALSE
-0,092	0,287	-0,003	0,012	0,099	FALSE

0,056	0,302	0,002	0,007	0,083	FALSE
0,038	0,301	0,001	0,008	0,059	FALSE
-0,019	0,301	0,000	0,011	0,006	FALSE
0,063	0,308	0,002	0,007	0,086	FALSE
-0,122	0,304	-0,003	0,007	0,178	FALSE
0,011	0,292	0,001	0,011	0,038	FALSE
0,096	0,305	0,003	0,012	0,111	FALSE
-0,023	0,313	-0,001	0,010	0,045	FALSE
-0,017	0,317	-0,001	0,009	0,028	FALSE
0,031	0,315	0,000	0,006	0,023	FALSE
0,177	0,293	0,004	0,006	0,304	FALSE
0,037	0,321	0,001	0,007	0,039	FALSE
-0,057	0,310	-0,002	0,009	0,072	FALSE
-0,059	0,305	-0,001	0,011	0,039	FALSE
0,035	0,312	0,002	0,007	0,087	FALSE
-0,084	0,311	-0,003	0,009	0,112	FALSE
0,081	0,309	0,002	0,012	0,066	FALSE
-0,060	0,299	-0,002	0,010	0,070	FALSE
-0,015	0,324	-0,001	0,009	0,030	FALSE
0,051	0,312	0,001	0,008	0,070	FALSE
0,017	0,312	0,000	0,011	0,016	FALSE
0,074	0,313	0,003	0,007	0,144	FALSE
0,106	0,306	0,003	0,007	0,155	FALSE
-0,041	0,314	-0,001	0,008	0,029	FALSE
0,019	0,312	0,001	0,013	0,038	FALSE
-0,002	0,305	0,001	0,010	0,026	FALSE
0,008	0,301	0,000	0,007	0,018	FALSE
0,134	0,301	0,004	0,010	0,150	FALSE
-0,002	0,315	0,000	0,008	0,002	FALSE
-0,056	0,312	-0,002	0,010	0,093	FALSE
-0,051	0,309	-0,002	0,012	0,063	FALSE
-0,055	0,304	-0,002	0,007	0,084	FALSE
0,024	0,312	0,000	0,012	0,006	FALSE
-0,022	0,307	-0,001	0,009	0,045	FALSE
0,112	0,303	0,003	0,009	0,118	FALSE
-0,153	0,309	-0,004	0,010	0,166	FALSE
-0,072	0,315	-0,002	0,011	0,073	FALSE
0,034	0,303	0,001	0,008	0,036	FALSE
-0,012	0,310	-0,001	0,010	0,040	FALSE
-0,089	0,317	-0,002	0,010	0,096	FALSE
0,133	0,307	0,003	0,009	0,142	FALSE
0,024	0,314	0,001	0,007	0,034	FALSE
-0,104	0,297	-0,005	0,012	0,165	FALSE
0,033	0,314	0,001	0,010	0,038	FALSE
0,072	0,313	0,002	0,008	0,086	FALSE
-0,023	0,316	0,000	0,008	0,012	FALSE
-0,033	0,315	-0,001	0,008	0,030	FALSE
0,061	0,294	0,001	0,008	0,067	FALSE
-0,018	0,315	0,000	0,009	0,004	FALSE
0,010	0,319	0,000	0,008	0,005	FALSE
0,043	0,301	0,002	0,009	0,080	FALSE
0,030	0,311	0,001	0,013	0,024	FALSE
0,032	0,308	0,001	0,013	0,028	FALSE

0,062	0,289	0,002	0,007	0,102	FALSE
-0,093	0,300	-0,002	0,009	0,105	FALSE
-0,065	0,299	-0,003	0,012	0,084	FALSE
0,123	0,297	0,004	0,012	0,145	FALSE
0,073	0,325	0,003	0,010	0,101	FALSE
-0,025	0,320	-0,001	0,011	0,019	FALSE
0,162	0,305	0,006	0,011	0,230	FALSE
-0,081	0,305	-0,002	0,008	0,127	FALSE
-0,175	0,309	-0,006	0,009	0,293	FALSE
0,037	0,315	0,001	0,011	0,046	FALSE
-0,024	0,312	0,000	0,010	0,001	FALSE
-0,006	0,309	0,000	0,012	0,004	FALSE
-0,112	0,302	-0,004	0,012	0,141	FALSE
-0,185	0,296	-0,004	0,007	0,249	FALSE
-0,185	0,295	-0,004	0,007	0,254	FALSE
-0,176	0,309	-0,004	0,007	0,240	FALSE
0,002	0,299	0,001	0,008	0,032	FALSE
0,054	0,310	0,002	0,012	0,066	FALSE
0,010	0,291	0,001	0,009	0,034	FALSE
-0,080	0,307	-0,002	0,006	0,103	FALSE
0,128	0,303	0,004	0,010	0,171	FALSE
0,112	0,303	0,003	0,011	0,126	FALSE
0,084	0,308	0,002	0,006	0,105	FALSE
0,143	0,316	0,005	0,011	0,181	FALSE
-0,004	0,306	0,000	0,009	0,006	FALSE
0,026	0,314	0,001	0,008	0,047	FALSE
0,065	0,323	0,002	0,009	0,070	FALSE
-0,066	0,288	-0,001	0,006	0,051	FALSE
-0,101	0,311	-0,004	0,011	0,157	FALSE
-0,064	0,305	-0,001	0,007	0,065	FALSE
-0,041	0,296	-0,001	0,007	0,074	FALSE
0,019	0,319	0,001	0,010	0,036	FALSE
-0,010	0,310	0,000	0,008	0,003	FALSE
0,027	0,303	0,002	0,008	0,067	FALSE
0,018	0,323	0,000	0,007	0,020	FALSE
0,062	0,308	0,002	0,010	0,096	FALSE
-0,048	0,319	-0,001	0,007	0,025	FALSE
0,023	0,312	0,000	0,011	0,003	FALSE
-0,054	0,312	-0,002	0,009	0,078	FALSE
-0,070	0,307	-0,002	0,008	0,107	FALSE
-0,039	0,311	0,000	0,007	0,009	FALSE
0,166	0,302	0,006	0,012	0,226	FALSE
-0,071	0,302	-0,002	0,009	0,091	FALSE
-0,083	0,299	-0,002	0,006	0,118	FALSE
0,172	0,314	0,004	0,008	0,233	FALSE
0,051	0,299	0,002	0,007	0,079	FALSE
0,014	0,306	0,001	0,010	0,019	FALSE
0,157	0,313	0,003	0,007	0,200	FALSE
0,142	0,307	0,004	0,008	0,190	FALSE
0,133	0,305	0,003	0,008	0,184	FALSE
-0,016	0,302	0,000	0,012	0,008	FALSE
0,021	0,308	0,001	0,012	0,015	FALSE
-0,114	0,302	-0,004	0,010	0,153	FALSE

0,058	0,303	0,002	0,011	0,063	FALSE
-0,022	0,293	-0,001	0,012	0,023	FALSE
0,015	0,305	0,001	0,007	0,028	FALSE
0,039	0,312	0,001	0,008	0,061	FALSE
0,132	0,304	0,006	0,013	0,182	FALSE
-0,076	0,318	-0,003	0,012	0,102	FALSE
-0,037	0,298	-0,001	0,006	0,071	FALSE
-0,001	0,315	0,000	0,007	0,007	FALSE
0,031	0,288	0,002	0,011	0,057	FALSE
0,068	0,294	0,002	0,011	0,064	FALSE
0,012	0,308	0,000	0,009	0,012	FALSE
0,072	0,318	0,003	0,010	0,114	FALSE
0,026	0,307	0,001	0,010	0,041	FALSE
-0,149	0,309	-0,004	0,007	0,208	FALSE
0,033	0,305	0,001	0,007	0,065	FALSE
-0,011	0,318	0,000	0,013	0,002	FALSE
-0,026	0,309	0,000	0,009	0,012	FALSE
-0,138	0,316	-0,005	0,013	0,160	FALSE
0,160	0,294	0,008	0,013	0,260	FALSE
0,168	0,309	0,005	0,009	0,246	FALSE
-0,119	0,300	-0,003	0,008	0,148	FALSE
-0,060	0,310	-0,001	0,007	0,076	FALSE
-0,058	0,315	-0,002	0,012	0,061	FALSE
-0,008	0,299	0,000	0,008	0,014	FALSE
-0,105	0,298	-0,004	0,012	0,140	FALSE
-0,043	0,305	-0,002	0,010	0,064	FALSE
0,136	0,320	0,003	0,007	0,183	FALSE
-0,001	0,316	0,000	0,007	0,007	FALSE
0,024	0,315	0,000	0,007	0,022	FALSE
0,082	0,311	0,003	0,013	0,103	FALSE
0,022	0,306	0,001	0,010	0,025	FALSE
-0,031	0,309	-0,001	0,010	0,053	FALSE
0,045	0,322	0,002	0,012	0,073	FALSE
-0,145	0,299	-0,005	0,011	0,200	FALSE
0,145	0,307	0,003	0,009	0,157	FALSE
-0,023	0,309	-0,001	0,007	0,030	FALSE
0,101	0,309	0,003	0,010	0,101	FALSE
0,031	0,311	0,001	0,013	0,022	FALSE
-0,121	0,308	-0,003	0,009	0,133	FALSE
0,006	0,312	0,000	0,008	0,007	FALSE
-0,114	0,301	-0,005	0,012	0,179	FALSE
-0,048	0,307	-0,001	0,006	0,060	FALSE
-0,130	0,299	-0,003	0,008	0,170	FALSE
0,077	0,319	0,003	0,012	0,091	FALSE
0,187	0,292	0,006	0,009	0,285	FALSE
0,011	0,324	0,000	0,010	0,017	FALSE
0,082	0,294	0,003	0,010	0,113	FALSE
0,077	0,307	0,003	0,011	0,097	FALSE
0,054	0,313	0,001	0,007	0,071	FALSE
-0,051	0,312	-0,002	0,012	0,061	FALSE
-0,092	0,306	-0,002	0,007	0,088	FALSE
0,071	0,306	0,002	0,009	0,095	FALSE
0,048	0,304	0,001	0,009	0,048	FALSE

-0,009	0,331	0,000	0,007	0,001	FALSE
0,052	0,301	0,000	0,009	0,019	FALSE
0,020	0,311	0,001	0,011	0,026	FALSE
-0,155	0,302	-0,007	0,013	0,214	FALSE
-0,012	0,311	0,000	0,011	0,000	FALSE
-0,026	0,311	-0,001	0,010	0,027	FALSE
0,117	0,292	0,005	0,012	0,155	FALSE
0,148	0,305	0,004	0,010	0,177	FALSE
-0,078	0,315	-0,003	0,012	0,107	FALSE
-0,072	0,300	-0,002	0,007	0,087	FALSE
0,075	0,314	0,004	0,012	0,134	FALSE
0,087	0,304	0,004	0,013	0,112	FALSE
0,126	0,299	0,006	0,013	0,179	FALSE
-0,104	0,307	-0,003	0,011	0,115	FALSE
0,264	0,284	0,006	0,007	0,386	FALSE
0,030	0,303	0,002	0,011	0,059	FALSE
0,037	0,306	0,002	0,011	0,058	FALSE
0,075	0,330	0,003	0,011	0,086	FALSE
-0,142	0,302	-0,003	0,007	0,193	FALSE
-0,092	0,300	-0,002	0,009	0,097	FALSE
0,035	0,300	0,000	0,011	0,012	FALSE
0,124	0,308	0,004	0,013	0,130	FALSE
0,026	0,292	0,001	0,007	0,053	FALSE
-0,033	0,325	-0,001	0,007	0,036	FALSE
-0,021	0,321	0,000	0,007	0,023	FALSE
-0,051	0,298	-0,002	0,012	0,078	FALSE
-0,071	0,314	-0,001	0,009	0,046	FALSE
0,031	0,302	0,001	0,007	0,073	FALSE
-0,064	0,301	-0,001	0,009	0,054	FALSE
-0,026	0,311	-0,001	0,011	0,035	FALSE
0,039	0,305	0,000	0,007	0,022	FALSE
0,048	0,311	0,001	0,007	0,058	FALSE
-0,080	0,312	-0,002	0,009	0,087	FALSE
0,041	0,290	0,001	0,007	0,032	FALSE
0,001	0,307	0,000	0,007	0,004	FALSE
0,003	0,322	0,001	0,011	0,039	FALSE
0,067	0,297	0,002	0,007	0,085	FALSE
-0,084	0,313	-0,003	0,010	0,109	FALSE
-0,021	0,312	0,000	0,007	0,022	FALSE
-0,026	0,302	0,000	0,006	0,014	FALSE
-0,077	0,294	-0,004	0,011	0,132	FALSE
-0,165	0,295	-0,007	0,012	0,267	FALSE
0,152	0,304	0,005	0,009	0,229	FALSE
0,174	0,292	0,007	0,013	0,248	FALSE
-0,119	0,311	-0,003	0,009	0,142	FALSE
-0,087	0,309	-0,002	0,009	0,105	FALSE
-0,092	0,310	-0,002	0,009	0,100	FALSE
0,071	0,300	0,002	0,008	0,089	FALSE
0,115	0,299	0,002	0,007	0,114	FALSE
0,031	0,300	0,001	0,010	0,046	FALSE
0,035	0,292	0,000	0,008	0,000	FALSE
0,030	0,306	0,001	0,013	0,028	FALSE
-0,016	0,303	-0,001	0,013	0,040	FALSE

0,021	0,321	0,000	0,013	0,013	FALSE
0,047	0,327	0,001	0,008	0,062	FALSE
-0,037	0,295	-0,001	0,006	0,033	FALSE
-0,055	0,304	-0,002	0,012	0,073	FALSE
0,072	0,314	0,002	0,009	0,085	FALSE
0,056	0,306	0,002	0,008	0,077	FALSE
-0,026	0,299	-0,001	0,013	0,040	FALSE
-0,044	0,326	-0,001	0,006	0,047	FALSE
0,033	0,315	0,000	0,009	0,018	FALSE
0,003	0,314	0,000	0,008	0,017	FALSE
0,057	0,315	0,001	0,010	0,047	FALSE
-0,021	0,319	0,000	0,008	0,008	FALSE
0,012	0,306	0,000	0,008	0,001	FALSE
0,059	0,296	0,002	0,011	0,088	FALSE
0,094	0,307	0,002	0,008	0,124	FALSE
-0,194	0,295	-0,008	0,011	0,321	FALSE
0,110	0,295	0,004	0,009	0,190	FALSE
0,036	0,304	0,002	0,008	0,067	FALSE
0,118	0,319	0,005	0,013	0,145	FALSE
0,092	0,298	0,002	0,007	0,117	FALSE
-0,115	0,296	-0,003	0,009	0,132	FALSE
0,072	0,310	0,002	0,010	0,090	FALSE
-0,073	0,307	-0,002	0,011	0,077	FALSE
-0,065	0,315	-0,002	0,010	0,083	FALSE
0,059	0,317	0,002	0,007	0,100	FALSE
-0,008	0,293	0,000	0,008	0,008	FALSE
-0,006	0,302	0,000	0,008	0,007	FALSE
-0,026	0,310	-0,001	0,013	0,034	FALSE
-0,060	0,300	-0,003	0,011	0,091	FALSE
0,007	0,305	0,000	0,012	0,003	FALSE
-0,095	0,301	-0,002	0,007	0,123	FALSE
-0,036	0,301	-0,001	0,008	0,039	FALSE
-0,019	0,302	-0,001	0,012	0,031	FALSE
0,036	0,314	0,001	0,008	0,032	FALSE
0,097	0,317	0,004	0,012	0,126	FALSE
0,136	0,297	0,005	0,010	0,203	FALSE
-0,057	0,311	-0,002	0,009	0,065	FALSE
-0,174	0,317	-0,007	0,013	0,239	FALSE
0,025	0,311	0,001	0,012	0,029	FALSE
0,140	0,313	0,005	0,011	0,212	FALSE
-0,061	0,318	-0,001	0,007	0,065	FALSE
-0,002	0,304	0,000	0,009	0,008	FALSE
-0,038	0,305	-0,002	0,010	0,058	FALSE
0,121	0,307	0,004	0,011	0,159	FALSE
0,111	0,307	0,003	0,009	0,142	FALSE
0,040	0,295	0,002	0,010	0,056	FALSE
0,114	0,299	0,004	0,012	0,132	FALSE
0,105	0,304	0,004	0,013	0,126	FALSE
0,137	0,304	0,005	0,013	0,155	FALSE
0,124	0,282	0,005	0,012	0,181	FALSE
0,179	0,290	0,007	0,012	0,284	FALSE
0,028	0,294	0,001	0,012	0,030	FALSE
0,036	0,315	0,001	0,009	0,029	FALSE

0,043	0,313	0,001	0,009	0,046	FALSE
-0,006	0,296	0,000	0,007	0,002	FALSE
0,102	0,324	0,003	0,008	0,141	FALSE
-0,101	0,317	-0,004	0,011	0,148	FALSE
-0,058	0,314	-0,002	0,007	0,084	FALSE
0,016	0,305	0,001	0,007	0,040	FALSE
-0,056	0,309	-0,002	0,012	0,063	FALSE
0,134	0,291	0,004	0,009	0,184	FALSE
0,084	0,308	0,003	0,012	0,091	FALSE
0,014	0,307	0,001	0,007	0,041	FALSE
0,109	0,299	0,004	0,012	0,130	FALSE
0,017	0,302	0,000	0,009	0,018	FALSE
0,081	0,305	0,002	0,007	0,086	FALSE
0,000	0,315	0,000	0,013	0,013	FALSE
0,024	0,319	0,001	0,013	0,021	FALSE
0,055	0,330	0,002	0,008	0,080	FALSE
0,001	0,310	0,000	0,007	0,006	FALSE
-0,028	0,304	-0,002	0,011	0,053	FALSE
-0,002	0,322	0,001	0,013	0,031	FALSE
0,074	0,309	0,003	0,013	0,078	FALSE
0,168	0,311	0,003	0,007	0,196	FALSE
-0,024	0,310	0,000	0,010	0,018	FALSE
-0,076	0,312	-0,003	0,012	0,095	FALSE
-0,022	0,302	-0,001	0,011	0,041	FALSE
-0,005	0,311	0,000	0,011	0,004	FALSE
-0,041	0,297	-0,002	0,011	0,063	FALSE
0,033	0,310	0,002	0,010	0,066	FALSE
-0,094	0,310	-0,003	0,010	0,101	FALSE
0,000	0,296	0,001	0,009	0,038	FALSE
0,065	0,307	0,002	0,007	0,083	FALSE
-0,198	0,292	-0,008	0,012	0,271	FALSE
-0,194	0,281	-0,007	0,012	0,272	FALSE
-0,026	0,300	-0,001	0,013	0,029	FALSE
-0,125	0,297	-0,003	0,007	0,161	FALSE
0,017	0,310	0,001	0,012	0,028	FALSE
0,066	0,308	0,003	0,010	0,095	FALSE
-0,069	0,300	-0,001	0,007	0,081	FALSE
0,064	0,304	0,002	0,009	0,068	FALSE
0,062	0,328	0,001	0,009	0,058	FALSE
0,035	0,310	0,000	0,009	0,004	FALSE
0,061	0,316	0,002	0,007	0,102	FALSE
0,022	0,304	0,000	0,009	0,011	FALSE
0,016	0,297	0,001	0,009	0,048	FALSE
-0,045	0,297	-0,002	0,010	0,069	FALSE
0,070	0,307	0,003	0,012	0,077	FALSE
0,097	0,295	0,003	0,009	0,115	FALSE
-0,045	0,312	-0,002	0,008	0,071	FALSE
-0,038	0,304	-0,001	0,008	0,061	FALSE
0,064	0,295	0,002	0,008	0,086	FALSE
-0,002	0,307	0,000	0,008	0,007	FALSE
0,030	0,319	0,001	0,012	0,038	FALSE
0,104	0,317	0,004	0,013	0,133	FALSE
0,025	0,314	0,000	0,010	0,011	FALSE

0,112	0,302	0,003	0,008	0,120	FALSE
-0,033	0,296	-0,001	0,008	0,057	FALSE
-0,019	0,316	-0,001	0,011	0,031	FALSE
0,041	0,303	0,001	0,008	0,032	FALSE
-0,058	0,307	-0,002	0,008	0,081	FALSE
-0,010	0,308	0,000	0,008	0,005	FALSE
-0,010	0,309	-0,001	0,012	0,029	FALSE
-0,028	0,305	-0,001	0,010	0,055	FALSE
0,001	0,296	-0,001	0,011	0,021	FALSE
-0,015	0,306	-0,001	0,010	0,029	FALSE
0,047	0,317	0,002	0,009	0,090	FALSE
-0,030	0,294	0,000	0,010	0,015	FALSE
-0,024	0,292	0,000	0,010	0,016	FALSE
-0,010	0,294	0,000	0,010	0,016	FALSE
0,059	0,325	0,002	0,013	0,042	FALSE
0,005	0,304	0,000	0,009	0,015	FALSE
-0,064	0,304	-0,001	0,008	0,055	FALSE
-0,064	0,312	-0,001	0,008	0,059	FALSE
-0,058	0,313	-0,002	0,012	0,067	FALSE
-0,050	0,300	-0,001	0,007	0,071	FALSE
0,089	0,322	0,003	0,008	0,123	FALSE
0,108	0,300	0,004	0,012	0,148	FALSE
-0,065	0,305	-0,003	0,013	0,086	FALSE
-0,062	0,292	-0,002	0,008	0,095	FALSE
0,023	0,302	0,001	0,011	0,033	FALSE
-0,100	0,315	-0,004	0,011	0,130	FALSE
-0,036	0,301	-0,002	0,012	0,050	FALSE
-0,001	0,286	0,000	0,010	0,004	FALSE
0,148	0,296	0,005	0,008	0,267	FALSE
-0,073	0,309	-0,002	0,007	0,091	FALSE
-0,079	0,304	-0,003	0,008	0,120	FALSE
-0,023	0,312	-0,001	0,012	0,034	FALSE
-0,092	0,312	-0,002	0,008	0,110	FALSE
-0,041	0,298	-0,002	0,007	0,098	FALSE
0,031	0,295	0,002	0,012	0,067	FALSE
-0,087	0,293	-0,002	0,007	0,091	FALSE
-0,066	0,309	-0,002	0,012	0,075	FALSE
-0,187	0,307	-0,004	0,007	0,261	FALSE
-0,049	0,301	-0,001	0,011	0,042	FALSE
-0,072	0,312	-0,002	0,009	0,089	FALSE
0,015	0,292	0,000	0,012	0,009	FALSE
0,046	0,311	0,002	0,013	0,048	FALSE
0,029	0,295	0,001	0,013	0,026	FALSE
-0,057	0,296	-0,002	0,007	0,091	FALSE
-0,106	0,320	-0,005	0,013	0,149	FALSE
-0,019	0,300	-0,001	0,009	0,052	FALSE
0,002	0,305	0,000	0,010	0,016	FALSE
-0,040	0,311	-0,002	0,010	0,060	FALSE
0,004	0,304	0,001	0,007	0,038	FALSE
0,010	0,306	0,001	0,007	0,047	FALSE
0,065	0,305	0,002	0,008	0,088	FALSE
0,058	0,304	0,002	0,008	0,094	FALSE
-0,053	0,294	-0,002	0,009	0,071	FALSE

0,083	0,295	0,003	0,011	0,120	FALSE
0,091	0,314	0,004	0,012	0,120	FALSE
0,036	0,305	0,001	0,010	0,029	FALSE
-0,082	0,294	-0,002	0,006	0,108	FALSE
0,035	0,318	0,001	0,007	0,037	FALSE
-0,029	0,298	-0,001	0,008	0,023	FALSE
-0,174	0,304	-0,007	0,012	0,254	FALSE
-0,041	0,308	-0,001	0,008	0,049	FALSE
-0,101	0,296	-0,002	0,007	0,099	FALSE
-0,060	0,306	-0,002	0,007	0,090	FALSE
-0,012	0,303	0,000	0,013	0,006	FALSE
-0,076	0,300	-0,003	0,009	0,121	FALSE
-0,030	0,303	-0,001	0,012	0,036	FALSE
0,025	0,306	0,000	0,007	0,024	FALSE
0,089	0,297	0,002	0,006	0,095	FALSE
-0,139	0,315	-0,007	0,013	0,209	FALSE
-0,028	0,307	-0,001	0,009	0,054	FALSE
0,065	0,319	0,001	0,006	0,089	FALSE
-0,004	0,291	0,000	0,009	0,010	FALSE
0,024	0,306	0,000	0,010	0,001	FALSE
0,034	0,308	0,001	0,008	0,051	FALSE
-0,005	0,307	-0,001	0,012	0,029	FALSE
-0,033	0,311	-0,001	0,009	0,028	FALSE
-0,008	0,297	0,000	0,009	0,004	FALSE
-0,096	0,312	-0,002	0,007	0,135	FALSE
-0,048	0,306	-0,001	0,011	0,037	FALSE
-0,158	0,298	-0,003	0,006	0,222	FALSE
-0,194	0,303	-0,004	0,006	0,265	FALSE
0,087	0,311	0,003	0,010	0,127	FALSE
0,041	0,296	0,002	0,012	0,056	FALSE
0,021	0,303	0,000	0,007	0,009	FALSE
0,092	0,312	0,004	0,011	0,159	FALSE
-0,026	0,300	-0,002	0,012	0,046	FALSE
0,040	0,302	0,001	0,008	0,046	FALSE
0,014	0,310	0,001	0,012	0,044	FALSE
-0,063	0,313	-0,001	0,007	0,056	FALSE
0,035	0,308	0,002	0,010	0,064	FALSE
-0,098	0,305	-0,003	0,008	0,166	FALSE
0,078	0,310	0,002	0,006	0,099	FALSE
-0,040	0,318	-0,001	0,006	0,035	FALSE
-0,098	0,313	-0,002	0,007	0,108	FALSE
-0,036	0,313	-0,001	0,007	0,058	FALSE
0,057	0,313	0,002	0,011	0,073	FALSE
0,082	0,306	0,002	0,008	0,083	FALSE
-0,034	0,315	-0,001	0,008	0,048	FALSE
-0,003	0,318	0,000	0,007	0,006	FALSE
0,023	0,305	0,001	0,011	0,016	FALSE
-0,140	0,308	-0,004	0,008	0,213	FALSE
0,021	0,299	0,000	0,008	0,016	FALSE
0,029	0,320	0,000	0,012	0,011	FALSE
-0,142	0,304	-0,004	0,008	0,228	FALSE
-0,122	0,301	-0,005	0,012	0,156	FALSE
-0,081	0,312	-0,002	0,008	0,091	FALSE

0,037	0,301	0,002	0,011	0,062	FALSE
-0,014	0,306	0,000	0,007	0,002	FALSE
-0,095	0,305	-0,002	0,009	0,105	FALSE
0,066	0,307	0,003	0,010	0,103	FALSE
-0,005	0,304	0,000	0,007	0,008	FALSE
-0,109	0,318	-0,002	0,007	0,124	FALSE
-0,026	0,312	-0,001	0,008	0,026	FALSE
-0,063	0,309	-0,001	0,007	0,071	FALSE
-0,098	0,301	-0,003	0,012	0,108	FALSE
-0,090	0,312	-0,004	0,012	0,116	FALSE
-0,057	0,316	-0,002	0,007	0,081	FALSE
-0,061	0,297	-0,001	0,006	0,053	FALSE
-0,010	0,290	-0,001	0,010	0,032	FALSE
0,014	0,305	0,001	0,007	0,025	FALSE
0,079	0,317	0,004	0,013	0,133	FALSE
-0,043	0,314	-0,001	0,008	0,047	FALSE
-0,121	0,303	-0,003	0,006	0,167	FALSE
-0,017	0,304	-0,001	0,010	0,055	FALSE
0,010	0,303	0,000	0,009	0,005	FALSE
0,049	0,294	0,002	0,012	0,049	FALSE
-0,075	0,308	-0,002	0,011	0,076	FALSE
-0,046	0,313	-0,001	0,009	0,031	FALSE
-0,124	0,299	-0,005	0,010	0,195	FALSE
0,028	0,319	0,001	0,007	0,030	FALSE
0,058	0,310	0,001	0,013	0,037	FALSE
0,070	0,314	0,002	0,009	0,100	FALSE
0,120	0,320	0,004	0,011	0,149	FALSE
0,072	0,306	0,004	0,012	0,129	FALSE
0,027	0,299	0,001	0,007	0,055	FALSE
0,028	0,313	0,000	0,008	0,017	FALSE
-0,018	0,316	-0,001	0,013	0,015	FALSE
-0,056	0,296	-0,002	0,009	0,082	FALSE
0,034	0,310	0,001	0,012	0,031	FALSE
-0,072	0,305	-0,002	0,007	0,104	FALSE
0,022	0,308	0,001	0,010	0,036	FALSE
-0,025	0,297	0,000	0,008	0,020	FALSE
-0,081	0,314	-0,002	0,008	0,103	FALSE
-0,116	0,323	-0,003	0,009	0,155	FALSE
-0,023	0,294	-0,001	0,009	0,043	FALSE
-0,013	0,318	-0,001	0,008	0,023	FALSE
-0,068	0,312	-0,002	0,007	0,100	FALSE
-0,018	0,298	-0,001	0,011	0,032	FALSE
0,088	0,302	0,002	0,009	0,090	FALSE
-0,043	0,300	-0,001	0,007	0,071	FALSE
0,095	0,306	0,003	0,011	0,110	FALSE
0,049	0,312	0,003	0,010	0,106	FALSE
0,038	0,304	0,001	0,010	0,027	FALSE
0,127	0,296	0,003	0,009	0,135	FALSE
-0,004	0,300	0,000	0,007	0,012	FALSE
0,030	0,302	0,002	0,010	0,062	FALSE
-0,024	0,312	-0,001	0,011	0,033	FALSE
0,121	0,304	0,003	0,008	0,164	FALSE
-0,068	0,305	-0,002	0,008	0,100	FALSE

0,135	0,300	0,003	0,009	0,122	FALSE
-0,038	0,298	-0,002	0,012	0,057	FALSE
0,115	0,305	0,003	0,006	0,169	FALSE
-0,153	0,289	-0,004	0,007	0,234	FALSE
0,094	0,312	0,003	0,009	0,141	FALSE
0,072	0,303	0,002	0,010	0,075	FALSE
-0,088	0,297	-0,001	0,006	0,086	FALSE
-0,087	0,323	-0,001	0,007	0,075	FALSE
-0,019	0,318	-0,001	0,011	0,025	FALSE
-0,014	0,298	-0,001	0,008	0,023	FALSE
0,039	0,300	0,001	0,006	0,039	FALSE
0,087	0,302	0,004	0,011	0,129	FALSE
0,055	0,313	0,001	0,007	0,053	FALSE
0,184	0,289	0,005	0,008	0,248	FALSE
-0,109	0,315	-0,003	0,009	0,132	FALSE
-0,006	0,308	0,000	0,011	0,011	FALSE
0,026	0,298	0,001	0,012	0,034	FALSE
0,169	0,289	0,006	0,010	0,260	FALSE
-0,082	0,305	-0,002	0,006	0,096	FALSE
-0,147	0,302	-0,004	0,009	0,206	FALSE
-0,042	0,319	-0,002	0,011	0,055	FALSE
0,039	0,306	0,001	0,009	0,053	FALSE
0,100	0,305	0,002	0,007	0,099	FALSE
0,003	0,311	0,001	0,013	0,017	FALSE
0,023	0,309	0,001	0,013	0,038	FALSE
-0,023	0,314	-0,001	0,012	0,024	FALSE
0,042	0,312	0,001	0,008	0,067	FALSE
0,058	0,304	0,002	0,008	0,088	FALSE
-0,005	0,307	-0,001	0,011	0,030	FALSE
0,064	0,305	0,003	0,009	0,136	FALSE
-0,033	0,313	-0,001	0,007	0,043	FALSE
0,004	0,313	0,000	0,007	0,002	FALSE
-0,022	0,299	-0,001	0,007	0,028	FALSE
0,059	0,299	0,002	0,009	0,099	FALSE
-0,116	0,295	-0,005	0,010	0,202	FALSE
-0,125	0,304	-0,005	0,011	0,202	FALSE
-0,124	0,302	-0,005	0,010	0,206	FALSE
-0,047	0,303	-0,002	0,013	0,068	FALSE
-0,009	0,301	-0,001	0,013	0,025	FALSE
-0,036	0,303	-0,002	0,013	0,044	FALSE
-0,010	0,315	0,000	0,013	0,013	FALSE
-0,022	0,322	0,000	0,009	0,018	FALSE
0,045	0,322	0,002	0,009	0,072	FALSE
0,030	0,316	0,000	0,006	0,029	FALSE
-0,063	0,314	-0,002	0,009	0,071	FALSE
0,070	0,309	0,002	0,011	0,061	FALSE
0,068	0,313	0,002	0,011	0,067	FALSE
0,085	0,307	0,002	0,011	0,085	FALSE
0,064	0,314	0,002	0,011	0,068	FALSE
-0,005	0,308	0,000	0,007	0,019	FALSE
-0,018	0,305	0,000	0,007	0,010	FALSE
-0,070	0,295	-0,004	0,011	0,129	FALSE
-0,007	0,317	0,001	0,012	0,019	FALSE

-0,082	0,299	-0,002	0,007	0,110	FALSE
-0,111	0,302	-0,006	0,012	0,194	FALSE
-0,099	0,291	-0,002	0,007	0,105	FALSE
-0,023	0,314	-0,001	0,012	0,029	FALSE
-0,105	0,302	-0,002	0,007	0,113	FALSE
-0,064	0,317	-0,001	0,007	0,068	FALSE
-0,047	0,306	-0,001	0,007	0,047	FALSE
-0,014	0,289	-0,001	0,012	0,031	FALSE
-0,012	0,312	0,000	0,013	0,009	FALSE
-0,013	0,314	-0,001	0,010	0,025	FALSE
-0,051	0,308	-0,002	0,012	0,070	FALSE
-0,061	0,291	-0,001	0,008	0,069	FALSE
0,031	0,302	0,001	0,006	0,048	FALSE
0,078	0,302	0,002	0,009	0,082	FALSE
-0,030	0,312	-0,001	0,011	0,017	FALSE
-0,011	0,301	0,000	0,011	0,004	FALSE
0,017	0,304	0,001	0,007	0,029	FALSE
-0,042	0,317	-0,001	0,007	0,042	FALSE
-0,009	0,308	-0,001	0,007	0,025	FALSE
-0,061	0,284	-0,001	0,007	0,074	FALSE
0,120	0,315	0,003	0,008	0,137	FALSE
-0,161	0,307	-0,003	0,006	0,212	FALSE
0,099	0,320	0,003	0,010	0,133	FALSE
0,100	0,307	0,003	0,009	0,135	FALSE
0,116	0,313	0,004	0,009	0,164	FALSE
0,033	0,311	0,002	0,009	0,070	FALSE
0,021	0,305	0,002	0,011	0,059	FALSE
0,005	0,320	0,001	0,011	0,033	FALSE
0,084	0,301	0,004	0,011	0,160	FALSE
0,030	0,288	0,002	0,009	0,085	FALSE
0,011	0,292	0,002	0,010	0,060	FALSE
0,027	0,295	0,002	0,009	0,089	FALSE
-0,025	0,309	-0,001	0,013	0,042	FALSE
0,017	0,317	0,000	0,013	0,004	FALSE
0,004	0,314	0,000	0,013	0,008	FALSE
0,012	0,302	0,000	0,008	0,012	FALSE
-0,038	0,306	-0,002	0,013	0,070	FALSE
-0,059	0,313	-0,001	0,008	0,055	FALSE
0,041	0,310	0,001	0,008	0,053	FALSE
-0,156	0,312	-0,006	0,011	0,233	FALSE
-0,031	0,309	-0,001	0,008	0,050	FALSE
0,066	0,305	0,001	0,007	0,085	FALSE
-0,052	0,316	-0,001	0,013	0,041	FALSE
-0,044	0,301	-0,001	0,007	0,060	FALSE
0,088	0,312	0,003	0,010	0,126	FALSE
-0,069	0,312	-0,002	0,010	0,059	FALSE
0,052	0,306	0,001	0,008	0,058	FALSE
0,014	0,303	0,000	0,007	0,021	FALSE
0,145	0,312	0,004	0,009	0,189	FALSE
0,080	0,312	0,002	0,010	0,059	FALSE
-0,093	0,309	-0,003	0,010	0,104	FALSE
-0,015	0,317	-0,001	0,007	0,030	FALSE
-0,051	0,318	-0,002	0,008	0,073	FALSE

-0,013	0,322	-0,001	0,007	0,037	FALSE
0,066	0,315	0,001	0,009	0,058	FALSE
-0,054	0,305	-0,001	0,006	0,075	FALSE
0,042	0,307	0,001	0,007	0,055	FALSE
-0,155	0,291	-0,003	0,007	0,218	FALSE
0,079	0,310	0,002	0,008	0,080	FALSE
0,052	0,300	0,001	0,008	0,044	FALSE
-0,009	0,296	-0,001	0,011	0,031	FALSE
-0,168	0,291	-0,004	0,007	0,217	FALSE
0,053	0,308	0,001	0,008	0,056	FALSE
0,031	0,305	0,001	0,007	0,043	FALSE
0,035	0,309	0,000	0,012	0,001	FALSE
-0,013	0,303	0,000	0,009	0,006	FALSE
-0,037	0,326	-0,001	0,012	0,036	FALSE
-0,089	0,323	-0,002	0,010	0,085	FALSE
0,103	0,308	0,004	0,013	0,136	FALSE
-0,114	0,310	-0,003	0,009	0,149	FALSE
-0,113	0,307	-0,004	0,012	0,153	FALSE
0,014	0,314	0,001	0,011	0,023	FALSE
-0,029	0,311	-0,001	0,007	0,029	FALSE
0,068	0,299	0,002	0,008	0,070	FALSE
-0,044	0,323	-0,001	0,009	0,041	FALSE
-0,038	0,309	-0,002	0,013	0,056	FALSE
-0,007	0,298	0,000	0,008	0,009	FALSE
-0,122	0,315	-0,004	0,008	0,177	FALSE
-0,004	0,286	0,000	0,006	0,005	FALSE
-0,071	0,310	-0,002	0,008	0,083	FALSE
0,044	0,304	0,001	0,007	0,060	FALSE
0,155	0,295	0,004	0,006	0,260	FALSE
0,016	0,321	0,000	0,007	0,017	FALSE
-0,196	0,296	-0,008	0,012	0,288	FALSE
0,165	0,305	0,004	0,007	0,257	FALSE
-0,039	0,298	-0,001	0,007	0,051	FALSE
-0,148	0,302	-0,006	0,011	0,226	FALSE
0,136	0,304	0,003	0,008	0,181	FALSE
-0,144	0,302	-0,006	0,013	0,177	FALSE
0,087	0,312	0,003	0,013	0,074	FALSE
-0,038	0,297	-0,002	0,009	0,070	FALSE
-0,013	0,315	-0,001	0,009	0,048	FALSE
0,068	0,312	0,003	0,011	0,101	FALSE
-0,126	0,312	-0,006	0,012	0,203	FALSE
0,230	0,293	0,009	0,012	0,358	FALSE
0,057	0,295	0,002	0,007	0,103	FALSE
-0,010	0,324	-0,001	0,013	0,033	FALSE
0,049	0,308	0,001	0,011	0,038	FALSE
0,146	0,299	0,004	0,009	0,185	FALSE
0,119	0,321	0,003	0,010	0,141	FALSE
-0,041	0,307	-0,001	0,010	0,054	FALSE
0,026	0,302	0,002	0,012	0,073	FALSE
-0,039	0,301	-0,002	0,010	0,069	FALSE
0,142	0,308	0,006	0,013	0,196	FALSE
0,013	0,302	0,001	0,009	0,021	FALSE
0,047	0,304	0,000	0,007	0,016	FALSE

0,036	0,309	0,002	0,008	0,070	FALSE
-0,099	0,322	-0,002	0,007	0,133	FALSE
-0,070	0,313	-0,003	0,013	0,076	FALSE
0,013	0,322	0,000	0,012	0,003	FALSE
0,108	0,320	0,002	0,007	0,118	FALSE
-0,025	0,314	-0,001	0,008	0,032	FALSE
-0,011	0,302	0,000	0,007	0,012	FALSE
-0,005	0,308	0,000	0,009	0,010	FALSE
-0,068	0,310	-0,003	0,012	0,093	FALSE
-0,036	0,300	-0,001	0,008	0,049	FALSE
0,033	0,303	0,001	0,010	0,041	FALSE
0,070	0,312	0,002	0,009	0,073	FALSE
0,069	0,312	0,002	0,011	0,067	FALSE
-0,007	0,298	0,000	0,006	0,004	FALSE
-0,034	0,316	-0,001	0,007	0,049	FALSE
0,024	0,302	0,002	0,010	0,061	FALSE
0,060	0,308	0,003	0,010	0,102	FALSE
-0,067	0,294	-0,003	0,011	0,112	FALSE
0,006	0,302	0,000	0,006	0,005	FALSE
0,027	0,301	0,001	0,010	0,044	FALSE
0,035	0,303	0,002	0,011	0,060	FALSE
0,071	0,305	0,003	0,008	0,129	FALSE
0,059	0,320	0,001	0,007	0,062	FALSE
-0,139	0,309	-0,005	0,011	0,188	FALSE
-0,047	0,301	-0,001	0,007	0,068	FALSE
0,054	0,319	0,003	0,012	0,087	FALSE
-0,082	0,302	-0,002	0,008	0,098	FALSE
-0,082	0,305	-0,002	0,009	0,092	FALSE
0,079	0,312	0,003	0,012	0,110	FALSE
0,074	0,316	0,004	0,012	0,114	FALSE
0,023	0,302	0,001	0,012	0,025	FALSE
0,025	0,302	0,000	0,009	0,017	FALSE
0,066	0,295	0,002	0,007	0,118	FALSE
0,072	0,312	0,003	0,008	0,126	FALSE
-0,003	0,310	0,000	0,010	0,002	FALSE
-0,176	0,311	-0,004	0,008	0,220	FALSE
-0,030	0,312	-0,001	0,012	0,020	FALSE
-0,041	0,298	-0,001	0,008	0,024	FALSE
0,051	0,308	0,002	0,013	0,067	FALSE
0,070	0,299	0,003	0,013	0,075	FALSE
0,045	0,305	0,002	0,012	0,063	FALSE
-0,129	0,299	-0,003	0,007	0,157	FALSE
-0,031	0,298	-0,002	0,012	0,050	FALSE
0,014	0,296	0,001	0,012	0,023	FALSE
0,035	0,300	0,002	0,012	0,057	FALSE
0,029	0,302	0,000	0,010	0,000	FALSE
-0,043	0,318	0,000	0,007	0,024	FALSE
0,036	0,306	0,001	0,007	0,030	FALSE
0,020	0,309	0,000	0,012	0,001	FALSE
-0,027	0,304	0,000	0,007	0,018	FALSE
-0,082	0,300	-0,003	0,011	0,100	FALSE
-0,027	0,320	-0,001	0,010	0,050	FALSE
0,071	0,310	0,003	0,013	0,079	FALSE

0,010	0,300	0,001	0,012	0,018	FALSE
-0,045	0,309	-0,002	0,013	0,070	FALSE
-0,138	0,302	-0,006	0,013	0,184	TRUE
0,056	0,310	0,001	0,009	0,060	FALSE
0,033	0,302	0,001	0,010	0,037	FALSE
0,120	0,290	0,004	0,012	0,129	FALSE
0,134	0,283	0,005	0,011	0,162	FALSE
0,019	0,302	0,001	0,007	0,036	FALSE
0,121	0,301	0,003	0,007	0,158	FALSE
-0,092	0,303	-0,002	0,006	0,108	FALSE
0,063	0,319	0,002	0,013	0,067	FALSE
-0,019	0,308	0,000	0,008	0,018	FALSE
-0,122	0,301	-0,004	0,011	0,144	FALSE
0,088	0,313	0,002	0,007	0,116	FALSE
-0,012	0,310	0,001	0,007	0,025	FALSE
0,189	0,296	0,005	0,008	0,280	FALSE
-0,052	0,309	-0,002	0,010	0,067	FALSE
0,045	0,298	0,001	0,008	0,057	FALSE
0,001	0,301	0,000	0,010	0,001	FALSE
0,013	0,315	0,001	0,009	0,031	FALSE
0,045	0,314	0,001	0,008	0,059	FALSE
-0,161	0,311	-0,004	0,009	0,219	FALSE
-0,127	0,287	-0,005	0,011	0,168	FALSE
-0,018	0,312	-0,001	0,012	0,038	FALSE
0,186	0,298	0,006	0,010	0,269	FALSE
0,162	0,310	0,006	0,011	0,225	FALSE
-0,069	0,318	-0,002	0,009	0,087	FALSE
-0,017	0,310	-0,001	0,008	0,029	FALSE
-0,030	0,301	0,000	0,007	0,005	FALSE
-0,056	0,309	-0,001	0,007	0,084	FALSE
0,014	0,303	0,000	0,008	0,015	FALSE
0,002	0,316	0,000	0,007	0,021	FALSE
0,000	0,307	0,000	0,007	0,021	FALSE
0,154	0,317	0,005	0,011	0,193	FALSE
0,150	0,312	0,005	0,011	0,187	FALSE
-0,116	0,308	-0,004	0,012	0,140	FALSE
0,105	0,303	0,003	0,010	0,108	FALSE
-0,013	0,321	0,000	0,008	0,003	FALSE
-0,179	0,300	-0,005	0,009	0,228	FALSE
0,045	0,304	0,002	0,013	0,070	FALSE
0,106	0,306	0,004	0,011	0,123	FALSE
0,031	0,310	0,001	0,012	0,028	FALSE
-0,069	0,308	-0,002	0,013	0,066	FALSE
-0,096	0,301	-0,003	0,008	0,130	FALSE
0,092	0,316	0,002	0,007	0,096	FALSE
-0,027	0,301	-0,001	0,011	0,044	FALSE
0,157	0,309	0,004	0,007	0,214	FALSE
0,067	0,312	0,003	0,011	0,096	FALSE
-0,015	0,306	-0,001	0,009	0,027	FALSE
0,058	0,309	0,002	0,008	0,118	FALSE
-0,032	0,301	-0,001	0,009	0,027	FALSE
0,009	0,304	0,000	0,011	0,014	FALSE
-0,022	0,311	-0,001	0,007	0,035	FALSE

0,017	0,306	0,001	0,008	0,021	FALSE
0,104	0,300	0,004	0,012	0,146	FALSE
-0,053	0,310	-0,001	0,008	0,046	FALSE
0,115	0,312	0,004	0,012	0,137	FALSE
-0,004	0,319	0,000	0,010	0,009	FALSE
-0,010	0,319	0,000	0,011	0,001	FALSE
0,012	0,309	0,001	0,007	0,048	FALSE
0,057	0,314	0,002	0,007	0,107	FALSE
0,073	0,301	0,002	0,008	0,079	FALSE
-0,004	0,298	0,000	0,011	0,000	FALSE
-0,047	0,305	-0,001	0,008	0,044	FALSE
0,039	0,307	0,001	0,012	0,040	FALSE
0,085	0,317	0,003	0,013	0,098	FALSE
-0,058	0,320	-0,001	0,009	0,064	FALSE
0,051	0,292	0,001	0,006	0,042	FALSE
-0,094	0,305	-0,002	0,006	0,146	FALSE
0,121	0,287	0,002	0,006	0,121	FALSE
0,162	0,294	0,006	0,013	0,188	FALSE
0,008	0,318	0,000	0,011	0,011	FALSE
0,148	0,301	0,005	0,012	0,192	FALSE
-0,083	0,303	-0,003	0,011	0,109	FALSE
0,052	0,322	0,002	0,013	0,066	FALSE
-0,085	0,289	-0,002	0,009	0,107	FALSE
0,010	0,303	0,000	0,008	0,015	FALSE
0,123	0,297	0,004	0,009	0,200	FALSE
0,066	0,295	0,003	0,012	0,099	FALSE
0,093	0,302	0,002	0,007	0,143	FALSE
0,087	0,320	0,003	0,007	0,138	FALSE
-0,070	0,311	-0,003	0,012	0,084	FALSE
-0,026	0,299	0,000	0,006	0,003	FALSE
-0,094	0,306	-0,005	0,013	0,152	FALSE
-0,058	0,328	-0,002	0,012	0,052	FALSE
-0,034	0,313	-0,001	0,008	0,043	FALSE
-0,091	0,314	-0,002	0,007	0,121	FALSE
0,107	0,296	0,004	0,013	0,138	FALSE
-0,027	0,306	-0,001	0,013	0,035	FALSE
-0,115	0,312	-0,003	0,009	0,133	FALSE
0,072	0,310	0,002	0,008	0,088	FALSE
-0,119	0,300	-0,003	0,007	0,182	FALSE
0,004	0,304	0,000	0,008	0,006	FALSE
-0,050	0,311	-0,002	0,010	0,073	FALSE
0,058	0,302	0,002	0,009	0,081	FALSE
-0,059	0,302	-0,002	0,009	0,076	FALSE
-0,041	0,298	-0,001	0,011	0,022	FALSE
0,029	0,298	0,001	0,007	0,042	FALSE
-0,073	0,308	-0,002	0,012	0,069	FALSE
-0,098	0,299	-0,003	0,010	0,103	FALSE
0,020	0,296	0,001	0,012	0,021	FALSE
0,092	0,303	0,002	0,006	0,106	FALSE
-0,029	0,305	-0,001	0,010	0,039	FALSE
-0,061	0,302	-0,002	0,008	0,099	FALSE
-0,083	0,308	-0,002	0,009	0,088	FALSE
0,004	0,316	0,000	0,012	0,012	FALSE

0,010	0,313	0,000	0,012	0,007	FALSE
0,020	0,307	0,001	0,009	0,031	FALSE
-0,092	0,316	-0,002	0,007	0,121	FALSE
0,060	0,300	0,002	0,011	0,061	FALSE
0,053	0,320	0,001	0,013	0,038	FALSE
-0,022	0,324	-0,001	0,013	0,020	FALSE
0,059	0,305	0,002	0,009	0,078	FALSE
-0,024	0,296	-0,001	0,009	0,025	FALSE
-0,024	0,309	0,000	0,009	0,013	FALSE
0,007	0,303	0,000	0,007	0,007	FALSE
-0,016	0,307	-0,001	0,013	0,032	FALSE
0,045	0,308	0,001	0,008	0,027	FALSE
0,074	0,306	0,002	0,008	0,112	FALSE
-0,057	0,303	-0,001	0,008	0,061	FALSE
-0,134	0,297	-0,006	0,013	0,192	FALSE
0,060	0,307	0,002	0,008	0,089	FALSE
-0,001	0,312	0,000	0,010	0,004	FALSE
-0,057	0,292	-0,001	0,008	0,065	FALSE
-0,063	0,311	-0,003	0,012	0,088	FALSE
-0,022	0,288	-0,001	0,009	0,022	FALSE
-0,197	0,287	-0,004	0,006	0,280	FALSE
0,046	0,308	0,002	0,009	0,083	FALSE
0,070	0,297	0,003	0,009	0,112	FALSE
-0,086	0,300	-0,003	0,008	0,165	FALSE
-0,014	0,318	-0,001	0,011	0,017	FALSE
0,029	0,309	0,001	0,008	0,042	FALSE
0,034	0,300	0,002	0,012	0,049	FALSE
0,124	0,305	0,005	0,011	0,159	FALSE
0,076	0,294	0,002	0,009	0,097	FALSE
0,028	0,308	0,001	0,007	0,050	FALSE
0,074	0,301	0,003	0,009	0,124	FALSE
0,088	0,308	0,002	0,006	0,104	FALSE
0,009	0,296	0,000	0,010	0,000	FALSE
-0,022	0,305	-0,002	0,013	0,049	FALSE
-0,079	0,287	-0,004	0,012	0,125	FALSE
0,072	0,314	0,003	0,012	0,096	FALSE
-0,041	0,313	-0,003	0,011	0,093	FALSE
0,029	0,310	0,000	0,012	0,001	FALSE
-0,004	0,306	-0,001	0,009	0,026	FALSE
-0,058	0,317	-0,002	0,010	0,070	FALSE
0,100	0,312	0,004	0,010	0,142	FALSE
0,119	0,306	0,003	0,008	0,157	FALSE
0,036	0,308	0,002	0,012	0,053	FALSE
0,028	0,315	0,001	0,010	0,022	FALSE
0,173	0,289	0,007	0,012	0,272	FALSE
-0,079	0,310	-0,002	0,009	0,088	FALSE
-0,080	0,309	-0,002	0,007	0,087	FALSE
-0,045	0,315	-0,002	0,010	0,060	FALSE
-0,045	0,313	-0,002	0,007	0,093	FALSE
0,063	0,297	0,001	0,010	0,051	FALSE
0,063	0,308	0,001	0,007	0,057	FALSE
0,042	0,303	0,001	0,008	0,032	FALSE
0,001	0,309	0,000	0,011	0,004	FALSE

0,096	0,293	0,002	0,007	0,104	FALSE
-0,042	0,304	-0,001	0,011	0,037	FALSE
0,055	0,323	0,001	0,007	0,076	FALSE
0,004	0,302	0,000	0,009	0,007	FALSE
0,051	0,309	0,001	0,009	0,036	FALSE
-0,016	0,312	-0,001	0,012	0,025	FALSE
-0,111	0,303	-0,002	0,006	0,149	FALSE
0,029	0,320	0,001	0,008	0,024	FALSE
-0,042	0,308	-0,002	0,008	0,081	FALSE
-0,133	0,317	-0,003	0,007	0,209	FALSE
-0,106	0,305	-0,004	0,013	0,129	FALSE
0,055	0,318	0,002	0,011	0,059	FALSE
0,092	0,292	0,002	0,007	0,119	FALSE
0,103	0,294	0,002	0,008	0,099	FALSE
-0,088	0,310	-0,004	0,012	0,131	FALSE
0,066	0,316	0,001	0,007	0,073	FALSE
0,054	0,307	0,001	0,008	0,069	FALSE
0,003	0,307	0,000	0,007	0,008	FALSE
0,083	0,291	0,002	0,007	0,126	FALSE
-0,060	0,317	-0,002	0,010	0,086	FALSE
0,062	0,309	0,004	0,013	0,120	FALSE
0,185	0,302	0,008	0,012	0,295	FALSE
-0,040	0,312	-0,002	0,011	0,052	FALSE
0,056	0,312	0,001	0,008	0,071	FALSE
0,044	0,320	0,001	0,007	0,027	FALSE
0,109	0,306	0,005	0,013	0,144	FALSE
-0,109	0,314	-0,004	0,013	0,142	FALSE
0,101	0,292	0,002	0,010	0,100	FALSE
-0,070	0,296	-0,002	0,008	0,084	FALSE
0,016	0,311	0,001	0,013	0,022	FALSE
0,013	0,317	0,002	0,013	0,050	FALSE
0,015	0,307	-0,001	0,011	0,020	FALSE
0,013	0,314	0,000	0,012	0,012	FALSE
-0,007	0,309	-0,001	0,011	0,034	FALSE
0,043	0,312	0,001	0,008	0,026	FALSE
0,034	0,307	0,001	0,007	0,043	FALSE
-0,048	0,302	-0,002	0,009	0,065	FALSE
0,055	0,313	0,002	0,013	0,072	FALSE
-0,007	0,311	0,000	0,011	0,001	FALSE
0,004	0,307	0,000	0,008	0,011	FALSE
-0,156	0,294	-0,007	0,013	0,216	FALSE
-0,005	0,309	0,000	0,007	0,024	FALSE
-0,073	0,305	-0,002	0,012	0,076	FALSE
-0,079	0,292	-0,004	0,012	0,114	FALSE
-0,022	0,300	0,000	0,007	0,012	FALSE
-0,093	0,305	-0,004	0,013	0,116	FALSE
0,073	0,305	0,002	0,007	0,088	FALSE
-0,058	0,301	-0,001	0,007	0,065	FALSE
-0,059	0,307	-0,001	0,008	0,065	FALSE
-0,052	0,301	-0,002	0,011	0,067	FALSE
-0,009	0,303	0,000	0,013	0,009	FALSE
-0,173	0,302	-0,005	0,009	0,224	FALSE
-0,041	0,313	-0,001	0,011	0,042	FALSE

0,094	0,306	0,004	0,010	0,156	FALSE
0,041	0,299	0,001	0,008	0,031	FALSE
-0,064	0,301	-0,001	0,007	0,080	FALSE
-0,135	0,296	-0,003	0,006	0,166	FALSE
-0,057	0,304	-0,001	0,006	0,073	FALSE
0,008	0,314	0,000	0,010	0,011	FALSE
0,001	0,313	0,000	0,007	0,007	FALSE
-0,006	0,311	0,000	0,007	0,007	FALSE
-0,004	0,306	0,000	0,012	0,005	FALSE
-0,107	0,302	-0,002	0,008	0,105	FALSE
-0,036	0,296	-0,001	0,009	0,052	FALSE
0,025	0,304	0,001	0,011	0,032	FALSE
-0,084	0,326	-0,002	0,009	0,088	FALSE
-0,023	0,305	-0,001	0,009	0,031	FALSE
0,116	0,319	0,005	0,013	0,161	FALSE
-0,097	0,305	-0,003	0,011	0,101	FALSE
0,026	0,321	0,001	0,012	0,032	FALSE
0,037	0,306	0,002	0,013	0,066	FALSE
-0,001	0,313	0,000	0,010	0,002	FALSE
0,091	0,311	0,002	0,007	0,131	FALSE
-0,027	0,286	-0,001	0,006	0,059	FALSE
0,062	0,300	0,002	0,009	0,101	FALSE
0,114	0,307	0,003	0,009	0,146	FALSE
-0,030	0,298	-0,001	0,006	0,034	FALSE
-0,117	0,302	-0,003	0,009	0,159	FALSE
-0,081	0,303	-0,002	0,007	0,132	FALSE
0,032	0,305	0,000	0,013	0,006	FALSE
-0,040	0,310	-0,001	0,008	0,037	FALSE
0,055	0,307	0,001	0,007	0,060	FALSE
-0,007	0,323	0,000	0,009	0,015	FALSE
-0,034	0,313	-0,002	0,012	0,055	FALSE
0,048	0,314	0,002	0,011	0,065	FALSE
0,007	0,308	0,000	0,009	0,006	FALSE
0,171	0,304	0,007	0,011	0,278	FALSE
0,070	0,303	0,003	0,012	0,101	FALSE
0,005	0,309	0,001	0,008	0,027	FALSE
0,083	0,318	0,001	0,006	0,070	FALSE
-0,017	0,321	0,000	0,013	0,003	FALSE
0,099	0,297	0,002	0,010	0,084	FALSE
-0,088	0,293	-0,003	0,011	0,097	FALSE
0,033	0,304	0,001	0,013	0,036	FALSE
0,071	0,310	0,002	0,007	0,086	FALSE
-0,097	0,305	-0,003	0,009	0,120	FALSE
-0,058	0,318	-0,001	0,007	0,066	FALSE
0,018	0,307	0,001	0,008	0,053	FALSE
-0,042	0,307	-0,002	0,013	0,062	FALSE
0,052	0,314	0,001	0,010	0,037	FALSE
0,032	0,296	0,002	0,012	0,048	FALSE
-0,049	0,310	-0,002	0,010	0,060	FALSE
-0,087	0,300	-0,002	0,011	0,068	FALSE
-0,089	0,293	-0,002	0,011	0,086	FALSE
0,000	0,286	-0,001	0,010	0,025	FALSE
0,015	0,307	0,001	0,008	0,041	FALSE

-0,053	0,315	-0,001	0,007	0,077	FALSE
0,067	0,306	0,003	0,012	0,095	FALSE
-0,057	0,301	-0,002	0,008	0,072	FALSE
-0,042	0,317	-0,001	0,010	0,042	FALSE
-0,038	0,299	-0,001	0,010	0,048	FALSE
0,035	0,310	0,001	0,009	0,036	FALSE
-0,064	0,311	-0,001	0,007	0,072	FALSE
-0,058	0,318	-0,001	0,008	0,047	FALSE
-0,055	0,326	-0,001	0,009	0,044	FALSE
0,036	0,294	0,002	0,012	0,078	FALSE
0,013	0,309	0,000	0,009	0,015	FALSE
0,018	0,310	0,000	0,008	0,014	FALSE
0,081	0,311	0,003	0,011	0,118	FALSE
0,090	0,314	0,003	0,011	0,124	FALSE
0,062	0,302	0,002	0,008	0,081	FALSE
0,115	0,307	0,003	0,007	0,168	FALSE
-0,067	0,304	-0,001	0,010	0,049	FALSE
-0,030	0,304	-0,002	0,011	0,052	FALSE
-0,062	0,324	-0,003	0,011	0,093	FALSE
0,045	0,307	0,001	0,007	0,035	FALSE
0,017	0,312	0,000	0,007	0,006	FALSE
-0,097	0,305	-0,005	0,012	0,148	FALSE
0,054	0,318	0,001	0,008	0,054	FALSE
0,183	0,295	0,006	0,009	0,292	FALSE
0,107	0,309	0,004	0,011	0,140	FALSE
0,149	0,302	0,005	0,009	0,223	FALSE
0,030	0,314	0,001	0,010	0,029	FALSE
0,013	0,308	-0,001	0,007	0,027	FALSE
0,000	0,302	-0,001	0,010	0,023	FALSE
0,006	0,303	0,000	0,012	0,011	FALSE
-0,003	0,304	0,000	0,007	0,012	FALSE
0,047	0,290	0,001	0,009	0,053	FALSE
0,065	0,302	0,002	0,009	0,063	FALSE
-0,054	0,312	-0,001	0,007	0,037	FALSE
-0,030	0,326	0,000	0,010	0,011	FALSE
0,050	0,320	0,003	0,011	0,090	FALSE
0,003	0,314	0,001	0,008	0,027	FALSE
-0,121	0,314	-0,003	0,008	0,136	FALSE
-0,041	0,297	-0,002	0,011	0,078	FALSE
-0,086	0,315	-0,001	0,006	0,086	FALSE
-0,061	0,311	-0,002	0,008	0,092	FALSE
-0,119	0,292	-0,006	0,011	0,203	FALSE
-0,047	0,305	-0,001	0,008	0,058	FALSE
0,050	0,308	0,002	0,012	0,055	FALSE
0,117	0,290	0,004	0,010	0,159	FALSE
-0,050	0,296	-0,002	0,008	0,095	FALSE
0,192	0,306	0,006	0,009	0,292	FALSE
-0,178	0,296	-0,007	0,012	0,262	FALSE
0,246	0,287	0,008	0,009	0,394	FALSE
-0,133	0,278	-0,003	0,007	0,149	FALSE
-0,011	0,313	-0,001	0,010	0,042	FALSE
-0,127	0,309	-0,005	0,011	0,174	FALSE
-0,140	0,291	-0,005	0,010	0,207	FALSE

-0,064	0,299	-0,002	0,011	0,062	FALSE
0,034	0,312	0,002	0,011	0,056	FALSE
-0,015	0,306	0,000	0,007	0,003	FALSE
-0,019	0,302	0,000	0,007	0,019	FALSE
-0,006	0,302	0,000	0,010	0,011	FALSE
0,123	0,295	0,005	0,012	0,170	FALSE
0,091	0,288	0,004	0,011	0,147	FALSE
-0,143	0,294	-0,003	0,006	0,168	FALSE
0,051	0,313	0,002	0,008	0,068	FALSE
0,043	0,321	0,001	0,011	0,032	FALSE
0,015	0,323	0,001	0,007	0,037	FALSE
-0,046	0,318	-0,001	0,009	0,051	FALSE
0,029	0,310	0,000	0,010	0,013	FALSE
-0,097	0,312	-0,003	0,008	0,132	FALSE
0,048	0,298	0,001	0,007	0,056	FALSE
-0,105	0,316	-0,003	0,008	0,127	FALSE
0,161	0,307	0,005	0,009	0,212	FALSE
-0,163	0,317	-0,004	0,008	0,212	FALSE
-0,055	0,295	-0,001	0,010	0,058	FALSE
-0,031	0,321	-0,001	0,011	0,034	FALSE
-0,039	0,318	-0,002	0,013	0,043	FALSE
-0,017	0,308	0,000	0,007	0,016	FALSE
0,089	0,290	0,003	0,008	0,130	FALSE
-0,104	0,308	-0,003	0,012	0,108	FALSE
0,070	0,306	0,002	0,008	0,107	FALSE
0,186	0,301	0,006	0,010	0,279	FALSE
0,063	0,306	0,001	0,008	0,059	FALSE
-0,104	0,304	-0,003	0,009	0,140	FALSE
-0,045	0,325	-0,002	0,012	0,056	FALSE
0,050	0,316	0,002	0,008	0,081	FALSE
0,056	0,310	0,002	0,008	0,090	FALSE
0,063	0,314	0,002	0,013	0,070	FALSE
0,061	0,295	0,001	0,010	0,043	FALSE
-0,148	0,315	-0,005	0,012	0,188	FALSE
0,045	0,301	0,001	0,012	0,040	FALSE
0,117	0,311	0,004	0,012	0,130	FALSE
-0,082	0,307	-0,003	0,010	0,106	FALSE
0,046	0,318	0,001	0,010	0,044	FALSE
-0,012	0,304	0,000	0,009	0,016	FALSE
0,078	0,303	0,003	0,011	0,125	FALSE
-0,020	0,303	-0,002	0,013	0,062	FALSE
-0,046	0,310	-0,003	0,013	0,090	FALSE
-0,120	0,309	-0,002	0,007	0,131	FALSE
-0,016	0,307	-0,001	0,012	0,034	FALSE
0,061	0,300	0,003	0,011	0,109	FALSE
0,007	0,298	-0,001	0,007	0,029	FALSE
0,076	0,296	0,004	0,011	0,149	FALSE
-0,040	0,311	-0,001	0,009	0,057	FALSE
0,152	0,311	0,006	0,011	0,210	FALSE
-0,092	0,297	-0,003	0,009	0,127	FALSE
-0,034	0,297	0,000	0,008	0,011	FALSE
0,090	0,313	0,002	0,009	0,094	FALSE
0,005	0,300	0,001	0,007	0,034	FALSE

-0,039	0,312	-0,001	0,009	0,053	FALSE
-0,002	0,319	0,000	0,007	0,014	FALSE
-0,101	0,313	-0,003	0,008	0,142	FALSE
-0,087	0,311	-0,002	0,009	0,075	FALSE
0,091	0,301	0,003	0,010	0,131	FALSE
0,032	0,319	0,000	0,011	0,015	FALSE
0,092	0,301	0,002	0,008	0,114	FALSE
-0,037	0,314	-0,001	0,009	0,050	FALSE
0,050	0,300	0,001	0,007	0,058	FALSE
-0,027	0,304	-0,002	0,010	0,057	FALSE
-0,049	0,310	-0,001	0,007	0,080	FALSE
-0,031	0,306	-0,001	0,007	0,064	FALSE
-0,044	0,312	-0,002	0,010	0,076	FALSE
0,038	0,293	0,003	0,009	0,106	FALSE
-0,060	0,293	-0,002	0,009	0,082	FALSE
-0,031	0,308	-0,001	0,007	0,050	FALSE
0,083	0,311	0,002	0,007	0,102	FALSE
-0,055	0,313	-0,001	0,009	0,053	FALSE
-0,040	0,315	-0,001	0,007	0,055	FALSE
0,036	0,309	0,001	0,007	0,057	FALSE
-0,054	0,315	-0,002	0,008	0,091	FALSE
0,096	0,299	0,005	0,013	0,144	FALSE
0,055	0,287	0,001	0,012	0,033	FALSE
-0,010	0,302	0,000	0,011	0,015	FALSE
0,063	0,314	0,002	0,012	0,066	FALSE
0,084	0,326	0,003	0,013	0,082	FALSE
0,098	0,315	0,003	0,013	0,100	FALSE
0,110	0,312	0,004	0,012	0,138	FALSE
0,129	0,299	0,003	0,008	0,156	FALSE
0,109	0,311	0,003	0,012	0,109	FALSE
0,030	0,307	0,001	0,010	0,025	FALSE
0,119	0,297	0,003	0,007	0,184	FALSE
-0,061	0,314	-0,002	0,008	0,101	FALSE
0,086	0,295	0,002	0,006	0,146	FALSE
-0,067	0,312	-0,001	0,008	0,065	FALSE
-0,005	0,325	0,000	0,009	0,005	FALSE
0,144	0,298	0,006	0,012	0,207	FALSE
0,074	0,311	0,002	0,012	0,065	FALSE
0,047	0,308	0,001	0,007	0,068	FALSE
-0,124	0,293	-0,003	0,006	0,213	FALSE
-0,148	0,300	-0,006	0,010	0,239	FALSE
-0,009	0,305	0,000	0,009	0,011	FALSE
0,051	0,307	0,001	0,007	0,053	FALSE
0,023	0,306	0,001	0,008	0,030	FALSE
-0,063	0,318	-0,002	0,013	0,067	FALSE
0,126	0,299	0,003	0,009	0,142	FALSE
-0,189	0,310	-0,008	0,013	0,264	FALSE
-0,187	0,308	-0,007	0,013	0,254	FALSE
0,021	0,304	0,001	0,008	0,033	FALSE
-0,068	0,305	-0,001	0,007	0,078	FALSE
0,027	0,296	0,002	0,013	0,071	FALSE
-0,059	0,303	-0,002	0,008	0,106	FALSE
-0,002	0,307	0,000	0,008	0,003	FALSE

-0,128	0,311	-0,005	0,012	0,177	FALSE
0,118	0,306	0,003	0,007	0,205	FALSE
-0,076	0,313	-0,004	0,011	0,143	FALSE
0,021	0,301	0,001	0,008	0,029	FALSE
0,123	0,310	0,004	0,008	0,170	FALSE
-0,039	0,307	-0,001	0,010	0,055	FALSE
0,065	0,315	0,002	0,008	0,098	FALSE
0,080	0,311	0,002	0,007	0,133	FALSE
-0,061	0,302	-0,003	0,011	0,088	FALSE
-0,042	0,308	0,000	0,007	0,024	FALSE
0,051	0,302	0,002	0,010	0,080	FALSE
-0,108	0,314	-0,006	0,013	0,182	FALSE
0,034	0,301	0,000	0,007	0,003	FALSE
0,042	0,304	0,001	0,007	0,039	FALSE
0,082	0,322	0,004	0,013	0,118	FALSE
-0,009	0,307	0,000	0,007	0,014	FALSE
-0,064	0,311	-0,003	0,010	0,102	FALSE
-0,104	0,293	-0,004	0,009	0,195	FALSE
-0,090	0,309	-0,004	0,010	0,160	FALSE
-0,095	0,308	-0,003	0,010	0,117	FALSE
0,068	0,314	0,003	0,013	0,089	FALSE
0,039	0,322	0,000	0,009	0,008	FALSE
0,039	0,310	0,001	0,009	0,024	FALSE
-0,113	0,309	-0,005	0,012	0,157	FALSE
-0,145	0,293	-0,005	0,009	0,242	FALSE
-0,003	0,301	-0,001	0,009	0,027	FALSE
-0,181	0,309	-0,006	0,009	0,267	FALSE
-0,038	0,314	0,000	0,006	0,022	FALSE
0,087	0,317	0,003	0,010	0,125	FALSE
0,000	0,301	0,000	0,009	0,007	FALSE
0,046	0,313	0,001	0,011	0,036	FALSE
-0,001	0,298	0,000	0,006	0,016	FALSE
-0,059	0,332	-0,002	0,012	0,071	FALSE
0,022	0,296	0,001	0,007	0,030	FALSE
-0,122	0,299	-0,005	0,012	0,170	FALSE
0,008	0,306	0,000	0,010	0,012	FALSE
0,070	0,306	0,003	0,012	0,087	FALSE
0,064	0,316	0,002	0,012	0,066	FALSE
0,000	0,317	0,000	0,008	0,002	FALSE
-0,123	0,299	-0,005	0,010	0,186	FALSE
-0,102	0,314	-0,003	0,008	0,134	FALSE
0,061	0,315	0,002	0,008	0,076	FALSE
-0,059	0,320	-0,003	0,011	0,094	FALSE
0,023	0,312	0,001	0,007	0,048	FALSE
0,099	0,307	0,003	0,009	0,137	FALSE
-0,056	0,308	-0,002	0,009	0,073	FALSE
0,059	0,308	0,001	0,007	0,082	FALSE
0,027	0,296	0,001	0,008	0,064	FALSE
-0,017	0,305	-0,001	0,011	0,033	FALSE
-0,045	0,313	-0,002	0,010	0,079	FALSE
-0,028	0,310	-0,001	0,013	0,029	FALSE
-0,064	0,301	-0,003	0,011	0,092	FALSE
0,032	0,308	0,002	0,012	0,048	FALSE

0,021	0,311	0,001	0,012	0,021	FALSE
-0,026	0,317	-0,001	0,012	0,023	FALSE
0,066	0,307	0,003	0,012	0,083	FALSE
0,004	0,308	0,000	0,008	0,002	FALSE
-0,085	0,309	-0,003	0,012	0,098	FALSE
-0,057	0,295	-0,002	0,007	0,083	FALSE
-0,077	0,290	-0,003	0,012	0,107	FALSE
-0,090	0,299	-0,002	0,007	0,133	FALSE
-0,110	0,314	-0,004	0,011	0,150	FALSE
-0,119	0,311	-0,003	0,007	0,176	FALSE
0,026	0,306	0,001	0,012	0,043	FALSE
0,064	0,295	0,001	0,007	0,069	FALSE
-0,107	0,313	-0,002	0,007	0,111	FALSE
0,021	0,305	0,001	0,007	0,055	FALSE
-0,010	0,304	-0,001	0,011	0,018	FALSE
0,065	0,308	0,002	0,009	0,061	FALSE
0,107	0,299	0,004	0,011	0,155	FALSE
0,009	0,305	0,000	0,011	0,005	FALSE
0,010	0,328	0,000	0,010	0,004	FALSE
-0,138	0,299	-0,003	0,007	0,159	FALSE
0,041	0,316	0,001	0,009	0,042	FALSE
-0,001	0,307	0,001	0,013	0,040	FALSE
0,055	0,310	0,001	0,009	0,050	FALSE
0,036	0,298	0,001	0,006	0,071	FALSE
0,032	0,324	0,001	0,012	0,028	FALSE
-0,014	0,297	-0,001	0,009	0,028	FALSE
-0,104	0,305	-0,003	0,010	0,117	FALSE
-0,130	0,300	-0,004	0,009	0,175	FALSE
-0,012	0,307	0,000	0,012	0,007	FALSE
-0,034	0,297	-0,001	0,011	0,020	FALSE
-0,077	0,288	-0,002	0,007	0,122	FALSE
-0,036	0,312	0,000	0,007	0,025	FALSE
0,064	0,309	0,002	0,010	0,081	FALSE
0,002	0,301	0,000	0,007	0,020	FALSE
0,035	0,307	0,000	0,008	0,006	FALSE
0,080	0,302	0,004	0,011	0,141	FALSE
0,113	0,298	0,003	0,008	0,150	FALSE
-0,011	0,320	0,000	0,008	0,011	FALSE
-0,166	0,305	-0,004	0,008	0,214	FALSE
-0,112	0,298	-0,005	0,011	0,183	FALSE
-0,125	0,316	-0,004	0,011	0,162	FALSE
-0,120	0,313	-0,002	0,007	0,125	FALSE
-0,077	0,296	-0,003	0,012	0,095	FALSE
0,031	0,309	0,001	0,009	0,044	FALSE
-0,063	0,313	-0,002	0,010	0,073	FALSE
0,038	0,309	0,001	0,007	0,059	FALSE
0,065	0,304	0,002	0,012	0,063	FALSE
-0,119	0,303	-0,003	0,008	0,177	FALSE
0,042	0,307	0,001	0,008	0,037	FALSE
0,108	0,308	0,004	0,012	0,151	FALSE
-0,111	0,308	-0,002	0,006	0,152	FALSE
-0,036	0,317	-0,001	0,007	0,070	FALSE
-0,015	0,315	0,000	0,008	0,020	FALSE

0,113	0,300	0,003	0,008	0,137	FALSE
-0,007	0,317	0,000	0,008	0,009	FALSE
0,050	0,305	0,001	0,008	0,041	FALSE
0,087	0,320	0,003	0,013	0,092	FALSE
-0,040	0,301	-0,002	0,011	0,081	FALSE
-0,035	0,318	-0,001	0,007	0,054	FALSE
0,057	0,298	0,001	0,009	0,063	FALSE
-0,020	0,310	-0,001	0,008	0,035	FALSE
-0,001	0,320	0,000	0,007	0,005	FALSE
-0,117	0,295	-0,005	0,012	0,167	FALSE
0,002	0,302	0,000	0,006	0,017	FALSE
0,119	0,314	0,003	0,007	0,166	FALSE
-0,015	0,309	-0,001	0,012	0,027	FALSE
0,063	0,304	0,002	0,009	0,094	FALSE
0,075	0,306	0,002	0,008	0,090	FALSE
0,075	0,319	0,001	0,007	0,080	FALSE
-0,042	0,323	-0,001	0,011	0,044	FALSE
0,122	0,301	0,006	0,012	0,206	FALSE
-0,061	0,307	-0,001	0,007	0,077	FALSE
-0,144	0,303	-0,004	0,009	0,189	FALSE
-0,006	0,308	0,000	0,007	0,005	FALSE
-0,181	0,300	-0,004	0,007	0,231	FALSE
-0,067	0,310	-0,001	0,006	0,075	FALSE
-0,064	0,318	-0,001	0,007	0,049	FALSE
0,100	0,291	0,003	0,008	0,153	FALSE
0,071	0,322	0,004	0,013	0,114	FALSE
0,069	0,320	0,003	0,009	0,118	FALSE
-0,033	0,312	-0,001	0,008	0,032	FALSE
-0,057	0,303	-0,002	0,008	0,102	FALSE
0,077	0,312	0,002	0,011	0,081	FALSE
-0,143	0,299	-0,005	0,010	0,206	FALSE
-0,097	0,320	-0,002	0,007	0,125	FALSE
-0,092	0,309	-0,002	0,007	0,122	FALSE
-0,038	0,309	0,000	0,009	0,014	FALSE
0,160	0,299	0,006	0,012	0,221	FALSE
-0,055	0,316	-0,002	0,008	0,084	FALSE
-0,035	0,305	-0,001	0,012	0,042	FALSE
-0,098	0,313	-0,002	0,008	0,115	FALSE
0,002	0,316	0,000	0,012	0,001	FALSE
-0,068	0,318	-0,002	0,008	0,080	FALSE
-0,104	0,324	-0,003	0,008	0,155	FALSE
0,115	0,305	0,004	0,009	0,193	FALSE
-0,052	0,309	-0,002	0,012	0,073	FALSE
-0,047	0,314	-0,002	0,011	0,055	FALSE
-0,098	0,300	-0,004	0,009	0,168	FALSE
0,030	0,308	0,000	0,009	0,010	FALSE
0,109	0,289	0,005	0,012	0,150	FALSE
0,009	0,302	0,000	0,008	0,012	FALSE
-0,096	0,303	-0,004	0,011	0,135	FALSE
-0,110	0,301	-0,004	0,011	0,153	FALSE
-0,072	0,318	-0,002	0,007	0,087	FALSE
-0,125	0,310	-0,003	0,008	0,166	FALSE
-0,089	0,315	-0,004	0,013	0,132	FALSE

-0,078	0,313	-0,004	0,013	0,122	FALSE
-0,107	0,312	-0,003	0,008	0,136	FALSE
-0,051	0,309	-0,001	0,008	0,037	FALSE
0,010	0,320	0,000	0,012	0,001	FALSE
0,007	0,315	0,001	0,006	0,038	FALSE
-0,097	0,306	-0,004	0,011	0,133	FALSE
-0,069	0,314	-0,003	0,010	0,096	FALSE
0,157	0,295	0,005	0,011	0,193	FALSE
-0,027	0,292	0,000	0,006	0,006	FALSE
-0,023	0,315	-0,001	0,007	0,036	FALSE
-0,118	0,304	-0,004	0,011	0,163	FALSE
0,045	0,315	0,002	0,009	0,068	FALSE
0,057	0,303	0,002	0,008	0,112	FALSE
-0,101	0,326	-0,004	0,012	0,128	FALSE
-0,114	0,310	-0,004	0,009	0,210	FALSE
-0,002	0,305	0,000	0,007	0,025	FALSE
-0,019	0,307	-0,001	0,012	0,019	FALSE
-0,011	0,288	0,000	0,009	0,018	FALSE
-0,037	0,316	-0,001	0,009	0,058	FALSE
-0,133	0,310	-0,004	0,007	0,200	FALSE
-0,051	0,312	-0,002	0,009	0,075	FALSE
-0,047	0,319	-0,001	0,009	0,053	FALSE
0,067	0,314	0,001	0,007	0,070	FALSE
-0,039	0,305	0,000	0,008	0,023	FALSE
0,107	0,297	0,003	0,010	0,139	FALSE
0,058	0,308	0,002	0,011	0,080	FALSE
-0,112	0,293	-0,005	0,010	0,201	FALSE
0,039	0,318	0,001	0,007	0,062	FALSE
-0,018	0,311	0,000	0,010	0,010	FALSE
0,097	0,295	0,002	0,008	0,101	FALSE
0,098	0,302	0,002	0,007	0,140	FALSE
0,113	0,283	0,002	0,006	0,155	FALSE
-0,156	0,302	-0,006	0,013	0,205	FALSE
-0,030	0,309	0,000	0,013	0,012	FALSE
-0,071	0,300	-0,002	0,007	0,095	FALSE
0,130	0,309	0,003	0,007	0,142	FALSE
-0,038	0,310	-0,001	0,006	0,036	FALSE
-0,096	0,316	-0,004	0,010	0,153	FALSE
-0,070	0,310	-0,001	0,007	0,077	FALSE
-0,055	0,316	-0,001	0,007	0,065	FALSE
0,094	0,303	0,003	0,011	0,108	FALSE
-0,013	0,307	0,000	0,010	0,004	FALSE
-0,152	0,310	-0,004	0,008	0,224	FALSE
0,048	0,313	0,001	0,007	0,067	FALSE
-0,084	0,308	-0,002	0,007	0,136	FALSE
-0,059	0,323	-0,001	0,007	0,063	FALSE
-0,133	0,313	-0,003	0,008	0,159	FALSE
0,031	0,290	0,002	0,012	0,069	FALSE
0,031	0,289	0,002	0,011	0,071	FALSE
0,056	0,299	0,003	0,012	0,097	FALSE
-0,088	0,288	-0,003	0,008	0,139	FALSE
-0,020	0,312	0,000	0,007	0,016	FALSE
0,030	0,297	0,001	0,007	0,040	FALSE

0,101	0,309	0,004	0,013	0,127	FALSE
-0,052	0,314	-0,002	0,009	0,067	FALSE
-0,032	0,310	-0,001	0,013	0,039	FALSE
-0,076	0,306	-0,002	0,008	0,093	FALSE
-0,092	0,317	-0,002	0,009	0,105	FALSE
0,124	0,317	0,005	0,013	0,157	FALSE
0,267	0,278	0,010	0,010	0,514	FALSE
-0,049	0,315	-0,002	0,010	0,066	FALSE
-0,095	0,306	-0,002	0,011	0,085	FALSE
0,025	0,298	0,001	0,010	0,020	FALSE
-0,057	0,302	-0,002	0,010	0,063	FALSE
-0,046	0,305	-0,003	0,011	0,102	FALSE
-0,006	0,311	0,000	0,007	0,002	FALSE
0,023	0,311	0,000	0,007	0,024	FALSE
0,057	0,289	0,002	0,009	0,103	FALSE
0,047	0,300	0,002	0,010	0,090	FALSE
0,032	0,307	0,002	0,010	0,066	FALSE
0,058	0,299	0,003	0,010	0,122	FALSE
-0,027	0,315	-0,001	0,007	0,036	FALSE
0,027	0,300	0,000	0,009	0,020	FALSE
0,164	0,308	0,006	0,010	0,271	FALSE
-0,070	0,309	-0,004	0,013	0,124	FALSE
-0,083	0,301	-0,002	0,009	0,098	FALSE
-0,139	0,303	-0,006	0,013	0,182	FALSE
0,015	0,303	0,001	0,010	0,025	FALSE
-0,039	0,328	-0,002	0,013	0,058	FALSE
0,014	0,317	0,000	0,009	0,008	FALSE
-0,002	0,311	0,000	0,013	0,012	FALSE
0,123	0,305	0,004	0,012	0,132	FALSE
-0,025	0,319	-0,001	0,013	0,028	FALSE
-0,063	0,310	-0,002	0,011	0,075	FALSE
0,000	0,314	0,000	0,007	0,001	FALSE
0,068	0,290	0,001	0,007	0,076	FALSE
0,162	0,288	0,005	0,009	0,209	FALSE
-0,001	0,307	0,000	0,007	0,011	FALSE
-0,055	0,311	-0,003	0,013	0,074	FALSE
0,018	0,312	0,001	0,012	0,017	FALSE
-0,088	0,323	-0,004	0,013	0,108	FALSE
-0,150	0,298	-0,005	0,010	0,204	FALSE
-0,024	0,295	-0,001	0,008	0,033	FALSE
0,006	0,316	0,000	0,013	0,006	FALSE
-0,003	0,321	0,000	0,013	0,010	FALSE
-0,010	0,313	0,000	0,013	0,008	FALSE
-0,024	0,308	-0,001	0,012	0,022	FALSE
-0,008	0,319	-0,001	0,013	0,018	FALSE
-0,008	0,322	0,000	0,013	0,013	FALSE
0,017	0,325	0,001	0,013	0,020	FALSE
-0,005	0,327	-0,001	0,013	0,016	FALSE
-0,016	0,321	-0,001	0,013	0,028	FALSE
-0,008	0,330	0,000	0,013	0,010	FALSE
0,018	0,325	0,001	0,013	0,019	FALSE
-0,033	0,312	-0,001	0,013	0,032	FALSE
0,013	0,315	0,000	0,013	0,008	FALSE

-0,017	0,325	-0,001	0,013	0,016	FALSE
0,119	0,314	0,004	0,012	0,137	FALSE
-0,079	0,301	-0,002	0,011	0,063	FALSE
-0,051	0,308	-0,002	0,007	0,079	FALSE
-0,055	0,312	-0,002	0,008	0,078	FALSE
-0,017	0,296	0,000	0,007	0,023	FALSE
-0,014	0,298	-0,001	0,008	0,033	FALSE
-0,033	0,307	0,000	0,007	0,012	FALSE
0,032	0,290	0,001	0,008	0,040	FALSE
0,013	0,320	0,001	0,013	0,014	FALSE
0,058	0,306	0,001	0,007	0,061	FALSE
0,033	0,311	0,001	0,010	0,021	FALSE
0,094	0,300	0,002	0,007	0,095	FALSE
0,046	0,309	0,001	0,008	0,046	FALSE
-0,083	0,314	-0,003	0,009	0,119	FALSE
0,066	0,314	0,001	0,009	0,054	FALSE
0,215	0,299	0,006	0,009	0,319	FALSE
-0,097	0,310	-0,002	0,007	0,100	FALSE
0,008	0,296	0,000	0,010	0,010	FALSE
0,050	0,313	0,003	0,013	0,084	FALSE
-0,028	0,303	0,000	0,009	0,018	FALSE
-0,031	0,307	-0,002	0,012	0,060	FALSE
-0,037	0,315	-0,001	0,007	0,062	FALSE
0,016	0,287	0,001	0,011	0,031	FALSE
-0,052	0,317	-0,001	0,007	0,066	FALSE
-0,034	0,303	-0,001	0,008	0,052	FALSE
-0,083	0,309	-0,002	0,010	0,074	FALSE
0,095	0,294	0,002	0,008	0,109	FALSE
-0,224	0,291	-0,008	0,011	0,355	FALSE
-0,027	0,303	-0,001	0,013	0,030	FALSE
-0,064	0,312	-0,002	0,010	0,086	FALSE
-0,096	0,302	-0,003	0,007	0,147	FALSE
-0,038	0,292	-0,001	0,007	0,040	FALSE
-0,093	0,294	-0,002	0,008	0,107	FALSE
-0,009	0,307	0,000	0,008	0,008	FALSE
0,064	0,301	0,002	0,009	0,085	FALSE
-0,108	0,306	-0,003	0,008	0,134	FALSE
-0,041	0,290	-0,001	0,009	0,051	FALSE
-0,023	0,296	-0,001	0,010	0,023	FALSE
0,109	0,306	0,004	0,008	0,189	FALSE
0,107	0,320	0,002	0,007	0,120	FALSE
-0,083	0,300	-0,003	0,009	0,110	FALSE
-0,063	0,307	-0,002	0,009	0,089	FALSE
-0,038	0,305	-0,002	0,011	0,052	FALSE
-0,078	0,294	-0,003	0,009	0,112	FALSE
-0,083	0,303	-0,002	0,007	0,110	FALSE
0,196	0,301	0,005	0,007	0,312	FALSE
0,102	0,308	0,002	0,006	0,118	FALSE
-0,082	0,304	-0,003	0,009	0,114	FALSE
-0,012	0,303	-0,001	0,012	0,024	FALSE
-0,017	0,312	-0,001	0,008	0,023	FALSE
0,008	0,305	0,001	0,007	0,026	FALSE
0,102	0,310	0,004	0,012	0,122	FALSE

-0,006	0,315	0,000	0,010	0,007	FALSE
-0,029	0,310	0,000	0,007	0,002	FALSE
-0,096	0,301	-0,002	0,006	0,152	FALSE
-0,004	0,308	0,000	0,011	0,009	FALSE
0,045	0,301	0,002	0,011	0,058	FALSE
0,096	0,314	0,004	0,013	0,127	FALSE
0,033	0,318	0,001	0,013	0,028	FALSE
-0,032	0,308	-0,001	0,010	0,026	FALSE
-0,067	0,309	-0,001	0,007	0,065	FALSE
0,124	0,291	0,003	0,007	0,156	FALSE
0,001	0,316	0,000	0,007	0,012	FALSE
-0,152	0,296	-0,005	0,010	0,190	FALSE
0,006	0,311	0,000	0,007	0,003	FALSE
-0,031	0,313	0,000	0,007	0,022	FALSE
0,045	0,306	0,002	0,012	0,055	FALSE
0,027	0,292	0,000	0,012	0,002	FALSE
-0,031	0,313	-0,001	0,007	0,033	FALSE
0,051	0,307	0,003	0,010	0,097	FALSE
0,071	0,294	0,002	0,007	0,104	FALSE
0,088	0,302	0,001	0,006	0,087	FALSE
0,012	0,314	0,000	0,009	0,001	FALSE
0,017	0,319	0,001	0,013	0,018	FALSE
0,006	0,321	0,000	0,007	0,021	FALSE
-0,016	0,297	-0,002	0,013	0,043	FALSE
-0,062	0,320	-0,003	0,012	0,087	FALSE
-0,162	0,293	-0,008	0,012	0,266	FALSE
0,006	0,300	0,001	0,012	0,043	FALSE
0,019	0,297	0,002	0,012	0,055	FALSE
-0,028	0,313	-0,001	0,008	0,047	FALSE
0,015	0,313	0,000	0,008	0,008	FALSE
-0,013	0,325	0,000	0,009	0,015	FALSE
0,237	0,296	0,005	0,007	0,354	FALSE
-0,076	0,307	-0,002	0,007	0,113	FALSE
0,046	0,310	0,001	0,011	0,050	FALSE
-0,134	0,297	-0,004	0,009	0,189	FALSE
-0,089	0,298	-0,003	0,011	0,112	FALSE
0,122	0,304	0,004	0,010	0,154	FALSE
-0,154	0,306	-0,005	0,010	0,235	FALSE
-0,013	0,296	0,000	0,013	0,013	FALSE
0,021	0,308	0,001	0,007	0,060	FALSE
-0,069	0,308	-0,003	0,013	0,097	FALSE
-0,087	0,303	-0,003	0,010	0,119	FALSE
0,004	0,295	0,002	0,010	0,054	FALSE
-0,052	0,298	-0,001	0,007	0,039	FALSE
-0,141	0,299	-0,006	0,012	0,188	FALSE
0,041	0,301	0,001	0,008	0,050	FALSE
-0,025	0,318	-0,001	0,013	0,025	FALSE
0,158	0,291	0,005	0,012	0,185	FALSE
0,140	0,311	0,005	0,013	0,145	FALSE
-0,086	0,305	-0,002	0,008	0,081	FALSE
-0,042	0,310	0,000	0,007	0,026	FALSE
0,025	0,310	0,001	0,012	0,029	FALSE
-0,050	0,312	-0,001	0,009	0,061	FALSE

-0,008	0,321	0,000	0,009	0,002	FALSE
0,019	0,313	0,000	0,009	0,017	FALSE
-0,048	0,307	-0,002	0,010	0,055	FALSE
-0,059	0,291	-0,003	0,010	0,096	FALSE
0,053	0,303	0,001	0,007	0,027	FALSE
0,035	0,311	0,000	0,008	0,023	FALSE
0,059	0,305	0,001	0,012	0,045	FALSE
-0,083	0,290	-0,002	0,007	0,146	FALSE
-0,065	0,299	-0,002	0,006	0,112	FALSE
0,085	0,301	0,002	0,008	0,094	FALSE
0,044	0,311	0,001	0,007	0,055	FALSE
0,000	0,316	0,000	0,012	0,008	FALSE
-0,016	0,312	0,000	0,007	0,023	FALSE
-0,007	0,311	0,000	0,009	0,012	FALSE
0,011	0,317	0,001	0,009	0,023	FALSE
-0,042	0,299	-0,002	0,013	0,063	FALSE
-0,046	0,311	-0,002	0,011	0,055	FALSE
-0,052	0,303	-0,001	0,007	0,060	FALSE
-0,118	0,308	-0,005	0,013	0,164	FALSE
0,004	0,306	0,000	0,011	0,013	FALSE
-0,036	0,303	0,000	0,009	0,018	FALSE
-0,073	0,308	-0,003	0,011	0,112	FALSE
0,093	0,305	0,003	0,006	0,166	FALSE
-0,029	0,317	-0,001	0,012	0,031	FALSE
0,048	0,300	0,002	0,009	0,072	FALSE
-0,038	0,313	-0,001	0,010	0,029	FALSE
-0,172	0,301	-0,003	0,007	0,205	FALSE
0,156	0,304	0,006	0,011	0,240	FALSE
-0,064	0,294	-0,003	0,010	0,109	FALSE
0,153	0,302	0,005	0,010	0,220	FALSE
0,025	0,304	0,001	0,011	0,033	FALSE
-0,024	0,305	0,000	0,012	0,001	FALSE
-0,088	0,301	-0,002	0,008	0,093	FALSE
-0,026	0,302	0,000	0,013	0,010	FALSE
0,038	0,308	0,001	0,007	0,044	FALSE
0,117	0,304	0,004	0,008	0,196	FALSE
0,059	0,313	0,003	0,012	0,085	FALSE
0,158	0,293	0,003	0,006	0,202	FALSE
0,000	0,295	-0,001	0,012	0,039	FALSE
0,008	0,294	0,001	0,013	0,033	FALSE
-0,102	0,318	-0,002	0,008	0,122	FALSE
-0,077	0,313	-0,002	0,007	0,084	FALSE
-0,033	0,294	-0,001	0,010	0,050	FALSE
-0,043	0,308	-0,001	0,010	0,050	FALSE
0,087	0,322	0,001	0,007	0,080	FALSE
-0,008	0,310	0,000	0,006	0,001	FALSE
-0,022	0,314	0,000	0,007	0,019	FALSE
-0,022	0,307	0,000	0,011	0,005	FALSE
0,014	0,305	0,001	0,008	0,029	FALSE
-0,033	0,304	-0,001	0,007	0,046	FALSE
-0,017	0,309	0,000	0,008	0,008	FALSE
-0,057	0,310	-0,003	0,011	0,084	FALSE
0,040	0,300	0,001	0,006	0,033	FALSE

-0,118	0,315	-0,005	0,011	0,181	FALSE
0,000	0,312	0,000	0,013	0,014	FALSE
0,013	0,323	0,001	0,012	0,017	FALSE
-0,028	0,310	-0,001	0,006	0,034	FALSE
0,037	0,321	0,001	0,013	0,030	FALSE
-0,025	0,318	-0,001	0,010	0,023	FALSE
-0,028	0,316	-0,001	0,008	0,046	FALSE
-0,049	0,322	-0,001	0,008	0,051	FALSE
0,073	0,303	0,002	0,009	0,081	FALSE
0,124	0,303	0,004	0,009	0,181	FALSE
0,046	0,308	0,002	0,011	0,079	FALSE
-0,028	0,316	-0,001	0,007	0,041	FALSE
-0,013	0,310	0,000	0,012	0,001	FALSE
0,097	0,313	0,003	0,006	0,157	FALSE
-0,083	0,304	-0,002	0,008	0,109	FALSE
-0,081	0,304	-0,002	0,008	0,106	FALSE
-0,019	0,310	-0,001	0,009	0,026	FALSE
0,035	0,311	0,001	0,009	0,045	FALSE
-0,089	0,293	-0,002	0,008	0,114	FALSE
0,104	0,313	0,003	0,008	0,141	FALSE
-0,086	0,300	-0,002	0,008	0,093	FALSE
-0,123	0,291	-0,005	0,012	0,167	FALSE
0,091	0,302	0,002	0,007	0,132	FALSE
0,178	0,290	0,005	0,009	0,251	FALSE
-0,134	0,283	-0,005	0,012	0,176	FALSE
-0,120	0,303	-0,005	0,013	0,161	FALSE
0,124	0,297	0,004	0,008	0,208	FALSE
-0,082	0,316	-0,004	0,011	0,144	FALSE
-0,042	0,300	-0,003	0,012	0,080	FALSE
-0,054	0,292	-0,003	0,011	0,102	FALSE
0,065	0,297	0,002	0,007	0,112	FALSE
-0,002	0,299	0,001	0,011	0,021	FALSE
0,026	0,308	0,000	0,009	0,014	FALSE
0,015	0,319	0,001	0,007	0,040	FALSE
-0,031	0,312	0,000	0,007	0,017	FALSE
0,029	0,305	0,001	0,008	0,030	FALSE
0,005	0,314	0,000	0,009	0,010	FALSE
0,122	0,300	0,004	0,008	0,178	FALSE
-0,004	0,306	0,000	0,007	0,022	FALSE
0,006	0,307	0,000	0,009	0,001	FALSE
0,001	0,303	0,000	0,009	0,009	FALSE
0,132	0,297	0,003	0,007	0,154	FALSE
-0,051	0,309	-0,001	0,007	0,064	FALSE
0,033	0,306	0,001	0,009	0,039	FALSE
0,059	0,309	0,003	0,010	0,105	FALSE
0,093	0,306	0,002	0,008	0,096	FALSE
-0,089	0,299	-0,004	0,010	0,163	FALSE
0,048	0,314	0,002	0,011	0,055	FALSE
0,069	0,290	0,003	0,010	0,104	FALSE
-0,065	0,305	-0,002	0,006	0,091	FALSE
0,091	0,305	0,003	0,008	0,128	FALSE
-0,081	0,323	-0,002	0,008	0,102	FALSE
-0,085	0,301	-0,002	0,008	0,105	FALSE

-0,147	0,285	-0,006	0,012	0,214	FALSE
-0,044	0,299	-0,002	0,012	0,046	FALSE
0,054	0,317	0,001	0,008	0,057	FALSE
0,079	0,298	0,003	0,011	0,111	FALSE
-0,090	0,299	-0,003	0,010	0,114	FALSE
0,049	0,314	0,002	0,010	0,066	FALSE
-0,076	0,304	-0,003	0,013	0,086	FALSE
-0,005	0,301	0,000	0,010	0,008	FALSE
0,148	0,292	0,005	0,011	0,171	FALSE
0,112	0,310	0,002	0,007	0,135	FALSE
-0,032	0,314	0,000	0,006	0,023	FALSE
-0,003	0,305	0,000	0,011	0,012	FALSE
-0,034	0,314	-0,001	0,012	0,037	FALSE
-0,122	0,309	-0,002	0,007	0,127	FALSE
0,137	0,294	0,004	0,008	0,177	FALSE
0,030	0,313	0,001	0,011	0,024	FALSE
-0,013	0,295	0,000	0,009	0,002	FALSE
-0,030	0,307	0,000	0,009	0,012	FALSE
0,116	0,306	0,004	0,010	0,149	FALSE
0,091	0,303	0,003	0,010	0,113	FALSE
0,033	0,313	0,001	0,010	0,032	FALSE
0,090	0,307	0,003	0,010	0,136	FALSE
0,081	0,301	0,002	0,007	0,129	FALSE
0,072	0,313	0,003	0,011	0,099	FALSE
0,024	0,305	0,001	0,010	0,048	FALSE
0,027	0,305	0,001	0,009	0,045	FALSE
-0,046	0,311	-0,002	0,009	0,070	FALSE
-0,038	0,312	-0,001	0,010	0,040	FALSE
-0,038	0,314	-0,001	0,009	0,047	FALSE
0,009	0,317	0,000	0,009	0,010	FALSE
-0,022	0,302	0,000	0,012	0,014	FALSE
-0,012	0,306	0,000	0,007	0,006	FALSE
0,019	0,302	0,000	0,007	0,020	FALSE
-0,005	0,308	0,000	0,007	0,011	FALSE
0,008	0,310	0,000	0,012	0,003	FALSE
0,164	0,300	0,003	0,006	0,218	FALSE
-0,027	0,304	-0,001	0,009	0,043	FALSE
-0,094	0,299	-0,003	0,008	0,132	FALSE
0,007	0,304	0,000	0,006	0,000	FALSE
-0,031	0,312	-0,001	0,013	0,041	FALSE
0,041	0,315	0,001	0,007	0,048	FALSE
-0,045	0,313	0,000	0,006	0,012	FALSE
-0,060	0,309	-0,001	0,007	0,035	FALSE
0,059	0,308	0,001	0,007	0,072	FALSE
0,010	0,296	0,000	0,006	0,001	FALSE
-0,025	0,328	-0,001	0,013	0,040	FALSE
-0,042	0,327	-0,002	0,014	0,048	FALSE
-0,041	0,316	-0,002	0,013	0,052	FALSE
-0,089	0,297	-0,004	0,012	0,115	FALSE
0,062	0,317	0,002	0,009	0,074	FALSE
0,066	0,313	0,002	0,010	0,089	FALSE
0,079	0,312	0,003	0,010	0,122	FALSE
0,075	0,312	0,003	0,010	0,099	FALSE

0,024	0,312	0,001	0,008	0,029	FALSE
-0,079	0,315	-0,002	0,007	0,103	FALSE
0,048	0,315	0,002	0,011	0,077	FALSE
0,106	0,293	0,003	0,007	0,149	FALSE
0,027	0,304	0,001	0,010	0,037	FALSE
-0,013	0,315	0,000	0,011	0,011	FALSE
0,031	0,296	0,002	0,010	0,057	FALSE
0,011	0,302	0,000	0,010	0,009	FALSE
-0,030	0,301	0,000	0,010	0,011	FALSE
-0,021	0,304	-0,001	0,006	0,031	FALSE
-0,075	0,306	-0,002	0,006	0,091	FALSE
-0,032	0,320	-0,002	0,013	0,051	FALSE
-0,042	0,302	-0,001	0,007	0,058	FALSE
0,105	0,304	0,003	0,009	0,144	FALSE
0,068	0,318	0,002	0,007	0,088	FALSE
0,032	0,313	0,002	0,013	0,042	FALSE
0,125	0,302	0,004	0,010	0,147	FALSE
-0,169	0,291	-0,005	0,008	0,250	FALSE
-0,006	0,309	-0,001	0,011	0,019	FALSE
0,135	0,302	0,004	0,009	0,164	FALSE
-0,035	0,292	0,000	0,009	0,008	FALSE
-0,079	0,304	-0,003	0,012	0,094	FALSE
0,033	0,294	0,000	0,011	0,008	FALSE
-0,002	0,318	0,000	0,012	0,006	FALSE
-0,102	0,315	-0,004	0,011	0,153	FALSE
0,090	0,308	0,003	0,010	0,124	FALSE
0,151	0,297	0,004	0,007	0,199	FALSE
-0,032	0,315	-0,001	0,010	0,043	FALSE
-0,015	0,294	0,001	0,011	0,017	FALSE
-0,012	0,309	0,001	0,011	0,021	FALSE
-0,020	0,311	0,000	0,009	0,012	FALSE
0,052	0,301	0,002	0,012	0,061	FALSE
0,002	0,305	0,000	0,009	0,006	FALSE
0,024	0,321	0,001	0,011	0,017	FALSE
-0,112	0,299	-0,005	0,012	0,156	FALSE
0,048	0,314	0,001	0,008	0,044	FALSE
0,071	0,318	0,002	0,010	0,076	FALSE
-0,109	0,305	-0,002	0,007	0,122	FALSE
-0,024	0,304	-0,001	0,009	0,057	FALSE
-0,102	0,302	-0,004	0,011	0,151	FALSE
0,067	0,327	0,002	0,010	0,078	FALSE
-0,121	0,298	-0,002	0,007	0,132	FALSE
-0,068	0,312	-0,003	0,012	0,091	FALSE
-0,092	0,295	-0,003	0,010	0,106	FALSE
0,034	0,301	0,001	0,008	0,057	FALSE
-0,074	0,310	-0,002	0,011	0,059	FALSE
0,051	0,314	0,001	0,008	0,043	FALSE
-0,101	0,308	-0,002	0,007	0,149	FALSE
-0,183	0,290	-0,006	0,010	0,274	FALSE
-0,008	0,306	0,000	0,013	0,006	FALSE
0,034	0,310	0,001	0,013	0,019	FALSE
0,049	0,291	0,001	0,012	0,037	FALSE
0,036	0,307	0,000	0,013	0,009	FALSE

0,034	0,303	0,000	0,013	0,003	FALSE
0,148	0,307	0,003	0,007	0,174	FALSE
0,143	0,303	0,004	0,009	0,200	FALSE
-0,062	0,312	-0,002	0,010	0,089	FALSE
-0,048	0,303	-0,002	0,007	0,099	FALSE
0,040	0,312	0,002	0,012	0,050	FALSE
-0,036	0,320	-0,002	0,013	0,065	FALSE
0,008	0,319	0,001	0,010	0,041	FALSE
-0,063	0,327	-0,002	0,010	0,079	FALSE
-0,065	0,303	-0,002	0,009	0,090	FALSE
-0,032	0,302	-0,001	0,009	0,043	FALSE
-0,013	0,312	0,000	0,008	0,003	FALSE
0,036	0,302	0,001	0,011	0,019	FALSE
-0,003	0,309	0,000	0,010	0,011	FALSE
0,138	0,305	0,005	0,010	0,193	FALSE
-0,027	0,311	-0,001	0,009	0,056	FALSE
0,122	0,315	0,004	0,011	0,164	FALSE
-0,084	0,309	-0,003	0,011	0,115	FALSE
-0,098	0,293	-0,002	0,007	0,116	FALSE
-0,025	0,307	-0,001	0,009	0,044	FALSE
-0,073	0,318	-0,001	0,007	0,080	FALSE
-0,005	0,311	-0,001	0,011	0,036	FALSE
0,016	0,304	0,001	0,013	0,019	FALSE
-0,008	0,307	0,000	0,013	0,011	FALSE
0,009	0,316	0,001	0,009	0,023	FALSE
-0,029	0,309	0,000	0,007	0,012	FALSE
-0,038	0,312	0,000	0,008	0,023	FALSE
-0,023	0,315	0,000	0,011	0,001	FALSE
0,051	0,309	0,001	0,009	0,042	FALSE
0,050	0,302	0,001	0,008	0,067	FALSE
0,004	0,304	0,000	0,007	0,010	FALSE
-0,086	0,302	-0,002	0,010	0,072	FALSE
-0,102	0,306	-0,003	0,010	0,130	FALSE
-0,044	0,318	-0,001	0,006	0,070	FALSE
-0,014	0,294	0,000	0,011	0,006	FALSE
-0,150	0,294	-0,006	0,012	0,200	FALSE
0,050	0,309	0,003	0,011	0,090	FALSE
-0,031	0,296	-0,002	0,012	0,052	FALSE
0,042	0,311	0,002	0,013	0,056	FALSE
-0,004	0,306	0,000	0,012	0,008	FALSE
0,037	0,310	0,002	0,013	0,056	FALSE
-0,025	0,305	0,000	0,012	0,007	FALSE
-0,024	0,321	-0,001	0,009	0,049	FALSE
-0,027	0,321	-0,001	0,010	0,032	FALSE
-0,087	0,297	-0,004	0,011	0,123	FALSE
-0,054	0,311	-0,002	0,009	0,065	FALSE
0,061	0,325	0,002	0,010	0,061	FALSE
-0,010	0,315	0,000	0,012	0,006	FALSE
-0,093	0,308	-0,002	0,008	0,116	FALSE
-0,058	0,297	-0,002	0,012	0,064	FALSE
-0,037	0,324	-0,001	0,013	0,028	FALSE
-0,014	0,320	0,000	0,013	0,005	FALSE
-0,020	0,324	0,000	0,013	0,012	FALSE

0,014	0,316	0,001	0,012	0,018	FALSE
0,017	0,313	0,001	0,012	0,023	FALSE
-0,009	0,310	0,000	0,012	0,006	FALSE
0,028	0,322	0,001	0,013	0,035	FALSE
0,012	0,310	0,001	0,013	0,028	FALSE
0,000	0,324	0,000	0,013	0,003	FALSE
-0,019	0,319	-0,001	0,013	0,017	FALSE
0,024	0,303	0,000	0,007	0,022	FALSE
0,178	0,301	0,004	0,007	0,282	FALSE
-0,094	0,305	-0,002	0,006	0,126	FALSE
0,163	0,313	0,006	0,011	0,211	FALSE
0,027	0,319	0,001	0,012	0,030	FALSE
0,005	0,305	0,000	0,012	0,004	FALSE
-0,005	0,311	0,000	0,012	0,002	FALSE
-0,002	0,317	0,000	0,012	0,002	FALSE
0,012	0,320	0,000	0,013	0,008	FALSE
0,009	0,317	0,001	0,013	0,040	FALSE
0,032	0,309	0,002	0,012	0,060	FALSE
-0,104	0,300	-0,003	0,011	0,120	FALSE
0,053	0,301	0,001	0,008	0,062	FALSE
0,059	0,310	0,001	0,007	0,058	FALSE
-0,070	0,308	-0,001	0,007	0,073	FALSE
0,097	0,310	0,004	0,010	0,134	FALSE
-0,034	0,307	-0,003	0,012	0,083	FALSE
-0,091	0,308	-0,005	0,013	0,141	FALSE
-0,135	0,303	-0,004	0,009	0,165	FALSE
-0,098	0,299	-0,002	0,008	0,097	FALSE
-0,073	0,307	-0,001	0,007	0,066	FALSE
-0,096	0,302	-0,002	0,008	0,112	FALSE
-0,106	0,302	-0,003	0,010	0,114	FALSE
-0,121	0,308	-0,003	0,009	0,139	FALSE
-0,108	0,308	-0,002	0,009	0,097	FALSE
-0,084	0,297	-0,002	0,008	0,083	FALSE
0,013	0,312	0,000	0,007	0,008	FALSE
0,050	0,307	0,002	0,013	0,065	FALSE
-0,029	0,315	-0,001	0,012	0,020	FALSE
0,141	0,297	0,005	0,009	0,224	FALSE
-0,039	0,309	-0,001	0,006	0,053	FALSE
0,096	0,296	0,004	0,009	0,177	FALSE
0,008	0,312	0,000	0,009	0,013	FALSE
-0,078	0,303	-0,002	0,008	0,126	FALSE
-0,008	0,315	0,000	0,013	0,010	FALSE
-0,025	0,314	-0,001	0,013	0,030	FALSE
-0,018	0,332	-0,001	0,014	0,022	FALSE
-0,010	0,321	0,000	0,013	0,012	FALSE
-0,019	0,322	-0,001	0,013	0,023	FALSE
0,017	0,325	0,001	0,013	0,018	FALSE
0,000	0,321	0,000	0,013	0,007	FALSE
-0,006	0,311	0,000	0,013	0,001	FALSE
0,000	0,325	0,000	0,013	0,006	FALSE
0,013	0,312	0,000	0,013	0,013	FALSE
-0,003	0,323	0,000	0,013	0,004	FALSE
-0,019	0,329	-0,001	0,014	0,022	FALSE

-0,019	0,320	-0,001	0,013	0,020	FALSE
0,015	0,331	0,000	0,013	0,006	FALSE
-0,003	0,319	0,000	0,013	0,003	FALSE
-0,010	0,318	-0,001	0,013	0,019	FALSE
-0,027	0,318	-0,001	0,012	0,025	FALSE
0,168	0,314	0,006	0,012	0,218	FALSE
0,018	0,310	0,001	0,012	0,016	FALSE
0,077	0,305	0,002	0,006	0,165	FALSE
-0,046	0,308	-0,001	0,009	0,031	FALSE
-0,011	0,307	0,000	0,007	0,020	FALSE
-0,109	0,296	-0,004	0,009	0,185	FALSE
-0,100	0,293	-0,004	0,009	0,170	FALSE
-0,046	0,301	0,000	0,008	0,012	FALSE
-0,087	0,305	-0,003	0,007	0,148	FALSE
0,030	0,305	0,001	0,007	0,033	FALSE
0,004	0,300	0,000	0,012	0,002	FALSE
0,116	0,308	0,002	0,007	0,133	FALSE
-0,022	0,306	-0,001	0,007	0,040	FALSE
0,053	0,318	0,002	0,007	0,081	FALSE
0,076	0,305	0,002	0,009	0,076	FALSE
-0,072	0,328	-0,003	0,011	0,098	FALSE
-0,096	0,302	-0,003	0,010	0,121	FALSE
-0,077	0,312	-0,003	0,010	0,110	FALSE
-0,093	0,294	-0,004	0,012	0,143	FALSE
-0,029	0,310	-0,002	0,013	0,047	FALSE
-0,019	0,325	0,000	0,013	0,012	FALSE
0,106	0,298	0,004	0,012	0,141	FALSE
0,117	0,303	0,002	0,006	0,147	FALSE
0,040	0,314	0,000	0,012	0,011	FALSE
-0,043	0,302	-0,001	0,007	0,043	FALSE
0,003	0,307	0,000	0,006	0,013	FALSE
-0,105	0,311	-0,003	0,011	0,107	FALSE
0,055	0,302	0,001	0,007	0,042	FALSE
0,108	0,309	0,003	0,008	0,137	FALSE
0,080	0,300	0,001	0,007	0,070	FALSE
-0,066	0,302	-0,003	0,011	0,089	FALSE
0,036	0,308	0,001	0,012	0,037	FALSE
-0,090	0,327	-0,004	0,012	0,124	FALSE
-0,135	0,298	-0,006	0,013	0,191	FALSE
-0,067	0,302	-0,001	0,006	0,084	FALSE
0,072	0,307	0,002	0,008	0,113	FALSE
-0,042	0,310	-0,001	0,007	0,053	FALSE
-0,057	0,318	-0,001	0,007	0,062	FALSE
0,021	0,304	0,001	0,010	0,033	FALSE
0,059	0,314	0,002	0,009	0,095	FALSE
0,089	0,304	0,003	0,009	0,129	FALSE
0,060	0,322	0,002	0,009	0,086	FALSE
-0,006	0,314	0,000	0,010	0,009	FALSE
0,063	0,313	0,002	0,009	0,094	FALSE
-0,063	0,303	-0,001	0,006	0,067	FALSE
-0,110	0,306	-0,004	0,013	0,139	FALSE
-0,129	0,297	-0,004	0,008	0,196	FALSE
-0,129	0,310	-0,006	0,013	0,192	FALSE

-0,101	0,308	-0,002	0,007	0,122	TRUE
0,110	0,303	0,004	0,010	0,166	FALSE
0,023	0,321	0,001	0,013	0,021	FALSE
-0,009	0,309	0,000	0,013	0,013	FALSE
0,015	0,326	0,000	0,007	0,014	FALSE
0,053	0,311	0,001	0,007	0,048	FALSE
-0,101	0,307	-0,004	0,012	0,120	FALSE
0,080	0,316	0,003	0,008	0,137	FALSE
0,034	0,312	0,001	0,009	0,026	FALSE
0,036	0,316	0,002	0,013	0,060	FALSE
0,065	0,316	0,003	0,012	0,101	FALSE
-0,048	0,303	-0,002	0,008	0,076	FALSE
-0,074	0,309	-0,002	0,009	0,070	FALSE
0,066	0,311	0,002	0,011	0,060	FALSE
-0,019	0,312	-0,001	0,012	0,030	FALSE
-0,001	0,302	-0,001	0,010	0,020	FALSE
-0,029	0,311	0,000	0,011	0,010	FALSE
-0,031	0,311	-0,001	0,012	0,017	FALSE
0,033	0,307	0,001	0,006	0,067	FALSE
-0,071	0,329	-0,002	0,010	0,084	FALSE
-0,069	0,291	-0,002	0,007	0,118	FALSE
-0,020	0,304	0,000	0,007	0,021	FALSE
0,021	0,319	0,000	0,009	0,017	FALSE
-0,013	0,298	0,000	0,009	0,005	FALSE
-0,004	0,313	0,000	0,012	0,006	FALSE
0,069	0,305	0,002	0,007	0,078	FALSE
-0,059	0,326	-0,002	0,012	0,072	FALSE
0,010	0,289	0,000	0,012	0,001	FALSE
0,011	0,309	0,000	0,009	0,002	FALSE
0,032	0,298	0,001	0,007	0,046	FALSE
0,008	0,318	0,000	0,008	0,011	FALSE
0,029	0,322	0,001	0,011	0,041	FALSE
0,016	0,310	0,001	0,010	0,019	FALSE
0,047	0,305	0,002	0,013	0,063	FALSE
-0,034	0,318	-0,001	0,006	0,047	FALSE
-0,082	0,305	-0,002	0,009	0,094	FALSE
-0,075	0,308	-0,002	0,008	0,090	FALSE
-0,075	0,310	-0,002	0,009	0,073	FALSE
-0,070	0,305	-0,002	0,009	0,074	FALSE
-0,067	0,302	-0,002	0,009	0,072	FALSE
-0,074	0,309	-0,002	0,008	0,079	FALSE
-0,072	0,308	-0,002	0,009	0,082	FALSE
-0,100	0,312	-0,003	0,009	0,114	FALSE
0,026	0,301	0,001	0,012	0,045	FALSE
-0,056	0,310	-0,002	0,010	0,083	FALSE
-0,047	0,312	-0,001	0,009	0,051	FALSE
-0,062	0,310	-0,002	0,010	0,074	FALSE
0,038	0,304	0,002	0,010	0,060	FALSE
0,056	0,308	0,002	0,011	0,082	FALSE
0,018	0,309	0,001	0,010	0,050	FALSE
-0,035	0,312	-0,002	0,010	0,068	FALSE
-0,088	0,305	-0,005	0,012	0,170	FALSE
-0,072	0,310	-0,004	0,013	0,135	FALSE

0,103	0,318	0,004	0,013	0,131	FALSE
0,084	0,318	0,004	0,013	0,106	FALSE
-0,081	0,291	-0,002	0,009	0,098	FALSE
-0,025	0,295	0,000	0,012	0,014	FALSE
-0,013	0,305	0,000	0,009	0,003	FALSE
-0,040	0,309	0,000	0,008	0,013	FALSE
-0,003	0,301	0,000	0,009	0,014	FALSE
0,009	0,301	0,001	0,009	0,029	FALSE
0,022	0,304	0,001	0,009	0,051	FALSE
0,020	0,306	0,001	0,009	0,043	FALSE
0,010	0,302	0,001	0,009	0,033	FALSE
0,031	0,311	0,002	0,009	0,065	FALSE
0,037	0,316	0,001	0,009	0,043	FALSE
-0,074	0,299	-0,001	0,006	0,073	FALSE
-0,081	0,297	-0,004	0,012	0,134	FALSE
-0,079	0,309	-0,002	0,008	0,091	FALSE
0,141	0,291	0,005	0,010	0,196	FALSE
0,121	0,294	0,004	0,009	0,163	FALSE
0,035	0,313	0,000	0,007	0,024	FALSE
-0,068	0,296	-0,002	0,007	0,085	FALSE
-0,079	0,323	-0,002	0,007	0,098	FALSE
-0,096	0,315	-0,004	0,013	0,141	FALSE
-0,035	0,315	-0,002	0,013	0,055	FALSE
-0,034	0,314	-0,001	0,008	0,055	FALSE
-0,031	0,309	-0,001	0,008	0,054	FALSE
-0,035	0,304	-0,001	0,007	0,042	FALSE
-0,155	0,306	-0,007	0,013	0,212	FALSE
-0,065	0,314	-0,002	0,007	0,096	FALSE
0,175	0,297	0,007	0,013	0,243	FALSE
-0,017	0,291	-0,001	0,007	0,037	FALSE
-0,056	0,318	-0,001	0,007	0,076	FALSE
-0,043	0,321	-0,001	0,007	0,040	FALSE
-0,102	0,301	-0,005	0,012	0,161	FALSE
-0,128	0,310	-0,005	0,011	0,175	FALSE
-0,142	0,295	-0,006	0,011	0,210	FALSE
0,056	0,301	0,001	0,007	0,059	FALSE
-0,121	0,313	-0,004	0,009	0,164	FALSE
-0,203	0,309	-0,006	0,009	0,278	FALSE
0,020	0,309	0,001	0,008	0,023	FALSE
-0,095	0,306	-0,004	0,011	0,141	FALSE
-0,052	0,303	-0,002	0,010	0,070	FALSE
0,057	0,298	0,003	0,012	0,100	FALSE
0,046	0,317	0,002	0,010	0,067	FALSE
-0,040	0,307	-0,001	0,007	0,036	FALSE
-0,143	0,297	-0,003	0,006	0,174	FALSE
-0,001	0,308	0,000	0,007	0,007	FALSE
0,078	0,299	0,002	0,009	0,089	FALSE
0,020	0,303	0,001	0,013	0,028	FALSE
0,033	0,325	0,001	0,009	0,041	FALSE
-0,093	0,307	-0,002	0,009	0,097	FALSE
-0,027	0,312	0,000	0,007	0,019	FALSE
0,025	0,307	0,001	0,013	0,029	FALSE
-0,093	0,306	-0,003	0,009	0,117	FALSE

-0,025	0,307	-0,001	0,009	0,037	FALSE
0,057	0,313	0,001	0,008	0,027	FALSE
0,042	0,308	0,002	0,009	0,071	FALSE
0,047	0,297	0,002	0,009	0,080	FALSE
0,001	0,315	-0,001	0,012	0,024	FALSE
0,044	0,304	0,003	0,012	0,082	FALSE
0,066	0,299	0,004	0,012	0,121	FALSE
0,034	0,303	0,001	0,008	0,036	FALSE
-0,059	0,309	-0,002	0,013	0,044	FALSE
-0,087	0,301	-0,003	0,011	0,100	FALSE
0,077	0,318	0,003	0,014	0,069	FALSE
0,065	0,302	0,001	0,012	0,029	FALSE
0,018	0,319	0,001	0,007	0,048	FALSE
-0,058	0,321	-0,001	0,009	0,050	FALSE
0,066	0,301	0,001	0,008	0,060	FALSE
-0,005	0,304	-0,001	0,010	0,027	FALSE
-0,002	0,322	0,001	0,011	0,023	FALSE
0,046	0,309	0,001	0,008	0,042	FALSE
-0,151	0,294	-0,004	0,008	0,206	FALSE
0,056	0,308	0,004	0,012	0,121	FALSE
0,018	0,310	0,001	0,011	0,026	FALSE
-0,059	0,311	-0,002	0,012	0,059	FALSE
0,096	0,304	0,002	0,008	0,077	FALSE
-0,035	0,315	-0,001	0,011	0,037	FALSE
-0,006	0,307	0,000	0,007	0,002	FALSE
0,083	0,307	0,004	0,010	0,150	FALSE
-0,021	0,309	0,000	0,009	0,007	FALSE
-0,026	0,312	0,000	0,009	0,005	FALSE
0,090	0,321	0,003	0,013	0,102	FALSE
-0,101	0,309	-0,003	0,010	0,137	FALSE
-0,043	0,304	-0,001	0,011	0,036	FALSE
-0,098	0,306	-0,003	0,007	0,158	FALSE
-0,067	0,307	-0,002	0,008	0,117	FALSE
0,010	0,293	0,001	0,008	0,043	FALSE
-0,043	0,302	-0,001	0,009	0,053	FALSE
-0,033	0,308	-0,001	0,009	0,047	FALSE
0,065	0,321	0,003	0,013	0,082	FALSE
0,172	0,306	0,004	0,009	0,202	FALSE
-0,066	0,313	-0,003	0,013	0,097	FALSE
-0,097	0,298	-0,005	0,013	0,152	FALSE
-0,084	0,304	-0,004	0,012	0,123	FALSE
0,012	0,310	0,000	0,011	0,007	FALSE
0,072	0,308	0,002	0,009	0,086	FALSE
0,169	0,289	0,005	0,008	0,264	FALSE
-0,034	0,313	0,000	0,006	0,017	FALSE
-0,052	0,313	-0,002	0,012	0,053	FALSE
0,107	0,303	0,003	0,008	0,123	FALSE
0,109	0,320	0,003	0,008	0,136	FALSE
-0,073	0,295	-0,001	0,007	0,064	FALSE
0,058	0,297	0,003	0,012	0,088	FALSE
0,027	0,288	0,000	0,012	0,000	FALSE
0,034	0,300	0,001	0,013	0,015	FALSE
-0,001	0,307	-0,001	0,013	0,041	FALSE

-0,058	0,294	-0,002	0,012	0,071	FALSE
-0,036	0,296	0,000	0,007	0,012	FALSE
0,039	0,305	0,001	0,008	0,064	FALSE
0,021	0,319	0,000	0,008	0,018	FALSE
0,148	0,302	0,004	0,008	0,217	FALSE
0,046	0,309	0,002	0,013	0,071	FALSE
0,030	0,302	0,002	0,013	0,043	FALSE
-0,019	0,310	0,000	0,010	0,006	FALSE
0,132	0,307	0,003	0,008	0,182	FALSE
-0,263	0,293	-0,007	0,008	0,421	FALSE
0,085	0,308	0,003	0,008	0,118	FALSE
-0,157	0,304	-0,006	0,012	0,217	FALSE
-0,180	0,310	-0,007	0,013	0,253	FALSE
-0,075	0,299	-0,002	0,008	0,080	FALSE
-0,093	0,298	-0,003	0,011	0,109	FALSE
0,092	0,311	0,002	0,008	0,115	FALSE
0,128	0,311	0,004	0,008	0,192	FALSE
0,017	0,319	0,000	0,009	0,017	FALSE
-0,098	0,309	-0,002	0,006	0,118	FALSE
0,164	0,281	0,003	0,007	0,202	FALSE
0,025	0,305	0,000	0,009	0,010	FALSE
0,051	0,300	0,001	0,009	0,024	FALSE
0,023	0,313	0,001	0,010	0,019	FALSE
0,006	0,317	0,000	0,007	0,012	FALSE
-0,161	0,307	-0,004	0,008	0,217	FALSE
-0,139	0,302	-0,003	0,008	0,189	FALSE
-0,055	0,312	-0,002	0,012	0,070	FALSE
-0,052	0,313	-0,002	0,012	0,063	FALSE
0,006	0,303	0,000	0,008	0,010	FALSE
-0,022	0,313	-0,001	0,009	0,036	FALSE
0,102	0,307	0,003	0,006	0,164	FALSE
-0,086	0,308	-0,002	0,008	0,116	FALSE
0,122	0,295	0,003	0,006	0,199	FALSE
0,029	0,317	0,001	0,011	0,033	FALSE
-0,066	0,295	-0,003	0,011	0,103	FALSE
0,018	0,320	0,001	0,010	0,029	FALSE
0,098	0,319	0,003	0,010	0,117	FALSE
0,097	0,313	0,002	0,009	0,097	FALSE
0,031	0,320	0,000	0,010	0,017	FALSE
0,034	0,313	0,002	0,010	0,081	FALSE
0,023	0,315	0,000	0,008	0,011	FALSE
0,114	0,310	0,006	0,012	0,190	FALSE
0,080	0,301	0,003	0,011	0,118	FALSE
0,094	0,308	0,004	0,013	0,129	FALSE
0,150	0,303	0,005	0,011	0,190	FALSE
-0,111	0,299	-0,005	0,012	0,170	FALSE
0,163	0,308	0,006	0,011	0,245	FALSE
-0,028	0,318	-0,001	0,010	0,027	FALSE
0,011	0,314	0,000	0,012	0,011	FALSE
0,017	0,307	0,000	0,012	0,006	FALSE
0,097	0,313	0,002	0,007	0,107	FALSE
0,010	0,304	0,000	0,011	0,008	FALSE
-0,027	0,304	-0,001	0,007	0,033	FALSE

-0,094	0,317	-0,004	0,013	0,109	FALSE
-0,085	0,302	-0,004	0,013	0,113	FALSE
-0,055	0,312	-0,002	0,011	0,050	FALSE
-0,028	0,290	-0,001	0,007	0,029	FALSE
-0,049	0,314	-0,003	0,013	0,075	FALSE
-0,034	0,310	-0,001	0,007	0,028	FALSE
0,002	0,306	0,001	0,013	0,028	FALSE
-0,070	0,299	-0,002	0,007	0,112	FALSE
0,058	0,326	0,002	0,008	0,072	FALSE
-0,097	0,318	-0,003	0,008	0,142	FALSE
0,143	0,306	0,005	0,010	0,226	FALSE
0,042	0,321	0,002	0,013	0,060	FALSE
0,060	0,315	0,002	0,012	0,076	FALSE
-0,018	0,305	0,000	0,006	0,011	FALSE
-0,010	0,309	0,000	0,007	0,013	FALSE
0,138	0,291	0,003	0,008	0,166	FALSE
-0,036	0,311	-0,001	0,008	0,055	FALSE
-0,009	0,315	0,000	0,006	0,011	FALSE
-0,011	0,308	0,000	0,007	0,003	FALSE
0,106	0,308	0,002	0,006	0,108	FALSE
0,006	0,307	0,000	0,008	0,011	FALSE
-0,018	0,284	0,000	0,006	0,004	FALSE
0,034	0,311	0,000	0,008	0,005	FALSE
0,062	0,310	0,002	0,013	0,046	FALSE
0,091	0,297	0,002	0,006	0,114	FALSE
0,017	0,302	0,000	0,007	0,001	FALSE
-0,062	0,304	-0,002	0,012	0,068	FALSE
-0,044	0,295	-0,002	0,012	0,047	FALSE
0,019	0,313	0,001	0,010	0,020	FALSE
-0,001	0,312	0,000	0,009	0,003	FALSE
-0,118	0,311	-0,004	0,009	0,184	FALSE
0,021	0,308	0,001	0,009	0,039	FALSE
-0,025	0,308	0,000	0,008	0,009	FALSE
-0,057	0,297	-0,001	0,009	0,049	FALSE
-0,084	0,307	-0,003	0,013	0,088	FALSE
0,088	0,304	0,002	0,008	0,116	FALSE
-0,029	0,303	-0,002	0,010	0,067	FALSE
-0,068	0,300	-0,002	0,011	0,064	FALSE
-0,035	0,317	-0,001	0,012	0,034	FALSE
-0,129	0,306	-0,004	0,009	0,194	FALSE
-0,032	0,309	-0,001	0,007	0,028	FALSE
0,008	0,302	0,000	0,012	0,012	FALSE
-0,039	0,298	-0,001	0,009	0,030	FALSE
-0,105	0,317	-0,004	0,012	0,120	FALSE
-0,077	0,302	-0,002	0,009	0,082	FALSE
0,028	0,298	0,001	0,006	0,029	FALSE
-0,010	0,305	0,000	0,008	0,021	FALSE
-0,145	0,307	-0,003	0,007	0,187	FALSE
0,015	0,312	0,000	0,009	0,010	FALSE
-0,133	0,295	-0,005	0,011	0,193	FALSE
0,043	0,305	0,001	0,007	0,069	FALSE
0,156	0,313	0,005	0,010	0,221	FALSE
-0,059	0,311	-0,002	0,012	0,075	FALSE

-0,016	0,313	-0,001	0,010	0,023	FALSE
0,120	0,309	0,004	0,010	0,172	FALSE
0,037	0,307	0,002	0,009	0,079	FALSE
-0,040	0,301	0,000	0,007	0,018	FALSE
0,025	0,305	0,000	0,012	0,000	FALSE
0,011	0,316	0,001	0,008	0,034	FALSE
-0,011	0,324	0,000	0,011	0,004	FALSE
0,097	0,301	0,003	0,010	0,129	FALSE
0,042	0,319	0,001	0,008	0,035	FALSE
0,050	0,325	0,001	0,011	0,031	FALSE
0,089	0,312	0,002	0,011	0,068	FALSE
0,103	0,305	0,004	0,011	0,132	FALSE
-0,142	0,291	-0,007	0,012	0,231	FALSE
0,092	0,300	0,004	0,012	0,128	FALSE
0,021	0,308	0,001	0,008	0,033	FALSE
-0,005	0,292	0,000	0,008	0,007	FALSE
-0,028	0,294	-0,001	0,010	0,028	FALSE
0,019	0,303	0,001	0,008	0,050	FALSE
0,004	0,306	0,000	0,006	0,028	FALSE
-0,118	0,304	-0,003	0,008	0,155	FALSE
-0,050	0,294	-0,001	0,008	0,055	FALSE
-0,011	0,300	0,000	0,009	0,006	FALSE
0,010	0,302	0,001	0,007	0,029	FALSE
0,017	0,317	0,000	0,010	0,005	FALSE
-0,120	0,323	-0,005	0,013	0,161	FALSE
0,090	0,307	0,003	0,010	0,108	FALSE
0,035	0,330	0,000	0,008	0,017	FALSE
-0,031	0,294	-0,002	0,012	0,046	FALSE
-0,089	0,309	-0,003	0,010	0,111	FALSE
0,012	0,308	0,000	0,010	0,006	FALSE
0,011	0,300	0,001	0,013	0,017	FALSE
-0,003	0,307	0,000	0,009	0,009	FALSE
-0,050	0,307	-0,002	0,013	0,052	FALSE
-0,010	0,298	0,000	0,008	0,002	FALSE
0,129	0,309	0,007	0,013	0,222	FALSE
-0,123	0,289	-0,005	0,011	0,198	FALSE
0,105	0,316	0,005	0,012	0,162	FALSE
0,068	0,302	0,002	0,012	0,048	FALSE
-0,107	0,314	-0,003	0,008	0,141	FALSE
0,075	0,300	0,003	0,012	0,078	FALSE
0,024	0,305	0,002	0,012	0,050	FALSE
-0,035	0,312	-0,001	0,010	0,031	FALSE
-0,024	0,297	-0,001	0,009	0,027	FALSE
0,054	0,295	0,002	0,010	0,063	FALSE
0,045	0,311	0,001	0,011	0,032	FALSE
0,005	0,311	0,000	0,008	0,022	FALSE
0,024	0,299	0,001	0,008	0,031	FALSE
-0,045	0,309	-0,001	0,007	0,069	FALSE
-0,025	0,298	-0,001	0,007	0,050	FALSE
-0,117	0,306	-0,002	0,007	0,144	FALSE
-0,100	0,305	-0,002	0,007	0,122	FALSE
-0,046	0,303	-0,001	0,007	0,075	FALSE
0,006	0,306	0,000	0,008	0,004	FALSE

0,074	0,296	0,002	0,010	0,084	FALSE
-0,101	0,297	-0,003	0,008	0,147	FALSE
-0,055	0,326	-0,002	0,010	0,086	FALSE
0,086	0,308	0,002	0,006	0,094	FALSE
-0,012	0,312	0,000	0,006	0,011	FALSE
-0,020	0,317	-0,001	0,012	0,015	FALSE
-0,123	0,309	-0,004	0,009	0,176	FALSE
-0,157	0,306	-0,005	0,010	0,222	FALSE
0,072	0,297	0,004	0,011	0,135	FALSE
0,063	0,311	0,002	0,009	0,070	FALSE
-0,054	0,314	-0,001	0,008	0,035	FALSE
-0,033	0,307	0,000	0,007	0,007	FALSE
0,073	0,307	0,002	0,010	0,083	FALSE
0,096	0,304	0,002	0,006	0,150	FALSE
0,092	0,303	0,002	0,008	0,108	FALSE
0,107	0,293	0,002	0,008	0,113	FALSE
-0,004	0,319	0,000	0,007	0,020	FALSE
0,099	0,308	0,003	0,008	0,118	FALSE
0,109	0,311	0,003	0,008	0,130	FALSE
-0,053	0,322	-0,002	0,012	0,053	FALSE
-0,060	0,309	-0,003	0,012	0,076	FALSE
-0,128	0,314	-0,005	0,012	0,150	FALSE
-0,133	0,320	-0,005	0,013	0,159	FALSE
-0,154	0,310	-0,005	0,011	0,192	FALSE
-0,143	0,312	-0,005	0,011	0,174	FALSE
0,103	0,317	0,004	0,011	0,139	FALSE
0,100	0,308	0,003	0,007	0,149	FALSE
0,042	0,299	0,002	0,007	0,094	FALSE
-0,087	0,304	-0,003	0,011	0,114	FALSE
0,085	0,311	0,002	0,008	0,121	FALSE
-0,017	0,303	-0,001	0,012	0,044	FALSE
-0,031	0,308	-0,001	0,007	0,038	FALSE
-0,039	0,320	-0,001	0,007	0,040	FALSE
-0,086	0,308	-0,002	0,011	0,085	FALSE
0,072	0,297	0,001	0,007	0,080	FALSE
0,086	0,305	0,002	0,010	0,068	FALSE
0,039	0,303	0,001	0,007	0,077	FALSE
0,082	0,316	0,003	0,009	0,120	FALSE
0,047	0,313	0,001	0,007	0,060	FALSE
0,049	0,313	0,002	0,011	0,061	FALSE
-0,069	0,300	-0,002	0,008	0,095	FALSE
0,041	0,301	0,001	0,010	0,052	FALSE
0,014	0,300	0,001	0,009	0,019	FALSE
-0,047	0,309	-0,001	0,007	0,071	FALSE
0,050	0,309	0,002	0,008	0,068	FALSE
-0,094	0,315	-0,002	0,007	0,100	FALSE
-0,076	0,306	-0,003	0,008	0,135	FALSE
-0,111	0,305	-0,004	0,010	0,165	FALSE
-0,119	0,282	-0,004	0,009	0,181	FALSE
-0,129	0,304	-0,004	0,009	0,179	FALSE
0,031	0,312	0,001	0,006	0,057	FALSE
0,091	0,313	0,004	0,010	0,148	FALSE
-0,006	0,307	0,000	0,010	0,015	FALSE

-0,193	0,309	-0,009	0,013	0,320	FALSE
-0,200	0,310	-0,006	0,010	0,272	FALSE
0,035	0,294	0,000	0,007	0,014	FALSE
0,009	0,317	0,000	0,008	0,012	FALSE
0,069	0,292	0,001	0,006	0,058	FALSE
-0,019	0,314	-0,001	0,006	0,038	FALSE
-0,109	0,307	-0,002	0,007	0,105	FALSE
0,079	0,312	0,003	0,010	0,093	FALSE
-0,063	0,308	-0,001	0,008	0,068	FALSE
-0,064	0,316	-0,001	0,008	0,065	FALSE
-0,059	0,310	-0,003	0,013	0,080	FALSE
0,158	0,307	0,003	0,007	0,213	FALSE
-0,028	0,290	-0,001	0,010	0,025	FALSE
-0,089	0,301	-0,002	0,006	0,151	FALSE
0,018	0,297	0,001	0,009	0,044	FALSE
0,084	0,303	0,002	0,007	0,084	FALSE
-0,035	0,307	-0,001	0,008	0,042	FALSE
0,011	0,308	0,001	0,009	0,023	FALSE
0,008	0,306	0,000	0,008	0,016	FALSE
0,069	0,300	0,002	0,011	0,071	FALSE
-0,029	0,309	-0,001	0,011	0,045	FALSE
0,002	0,302	0,001	0,008	0,039	FALSE
-0,040	0,306	-0,001	0,008	0,051	FALSE
0,063	0,304	0,002	0,008	0,123	FALSE
0,060	0,300	0,002	0,007	0,112	FALSE
0,065	0,300	0,003	0,010	0,109	FALSE
0,053	0,299	0,002	0,007	0,089	FALSE
0,073	0,305	0,003	0,012	0,101	FALSE
-0,098	0,307	-0,003	0,010	0,127	FALSE
-0,011	0,297	0,000	0,008	0,015	FALSE
-0,043	0,297	-0,002	0,009	0,070	FALSE
0,021	0,306	0,000	0,010	0,017	FALSE
-0,048	0,297	-0,001	0,007	0,058	FALSE
-0,108	0,307	-0,004	0,012	0,131	FALSE
-0,151	0,305	-0,005	0,009	0,221	FALSE
-0,046	0,320	-0,001	0,013	0,032	FALSE
-0,036	0,300	-0,001	0,010	0,019	FALSE
-0,021	0,316	-0,001	0,007	0,035	FALSE
-0,033	0,331	-0,002	0,010	0,066	FALSE
-0,034	0,307	-0,001	0,007	0,055	FALSE
0,000	0,315	0,000	0,006	0,000	FALSE
-0,026	0,297	-0,001	0,008	0,030	FALSE
-0,035	0,316	-0,001	0,006	0,029	FALSE
-0,058	0,308	-0,001	0,008	0,051	FALSE
0,023	0,311	0,001	0,010	0,036	FALSE
0,037	0,307	0,001	0,008	0,034	FALSE
-0,104	0,320	-0,003	0,009	0,121	FALSE
-0,073	0,300	-0,002	0,008	0,104	FALSE
-0,001	0,318	-0,001	0,006	0,030	FALSE
-0,026	0,312	0,000	0,007	0,001	FALSE
0,005	0,303	0,000	0,007	0,001	FALSE
-0,177	0,297	-0,006	0,013	0,215	FALSE
-0,015	0,321	0,000	0,012	0,007	FALSE

0,097	0,307	0,003	0,010	0,112	FALSE
-0,112	0,310	-0,003	0,009	0,145	FALSE
0,085	0,306	0,003	0,010	0,118	FALSE
0,034	0,295	0,002	0,012	0,074	FALSE
0,019	0,291	0,000	0,010	0,003	FALSE
0,132	0,300	0,003	0,007	0,191	FALSE
0,026	0,307	0,001	0,007	0,029	FALSE
-0,060	0,299	-0,001	0,006	0,058	FALSE
0,017	0,309	0,000	0,007	0,020	FALSE
-0,047	0,305	-0,002	0,011	0,074	FALSE
-0,006	0,309	0,000	0,011	0,000	FALSE
-0,014	0,308	-0,001	0,011	0,034	FALSE
0,019	0,311	0,000	0,006	0,023	FALSE
0,052	0,319	0,002	0,012	0,067	FALSE
-0,078	0,310	-0,004	0,012	0,116	FALSE
-0,176	0,298	-0,006	0,010	0,256	FALSE
-0,180	0,301	-0,007	0,011	0,257	FALSE
-0,014	0,315	-0,001	0,007	0,034	FALSE
0,105	0,298	0,003	0,008	0,118	FALSE
-0,073	0,307	-0,001	0,009	0,055	FALSE
0,024	0,292	0,001	0,007	0,067	FALSE
0,044	0,294	0,002	0,013	0,059	FALSE
0,020	0,317	0,000	0,011	0,013	FALSE
-0,098	0,309	-0,003	0,008	0,123	FALSE
0,067	0,302	0,004	0,012	0,129	FALSE
-0,068	0,313	-0,001	0,006	0,067	FALSE
0,054	0,322	0,002	0,008	0,073	FALSE
0,028	0,308	0,000	0,013	0,005	FALSE
0,025	0,308	0,000	0,009	0,004	FALSE
-0,086	0,305	-0,002	0,007	0,109	FALSE
0,069	0,307	0,001	0,007	0,068	FALSE
-0,004	0,311	0,000	0,013	0,011	FALSE
0,116	0,308	0,003	0,007	0,155	FALSE
-0,039	0,305	-0,002	0,010	0,058	FALSE
-0,039	0,326	-0,001	0,008	0,050	FALSE
0,106	0,285	0,004	0,010	0,173	FALSE
0,011	0,309	0,000	0,007	0,003	FALSE
-0,020	0,308	-0,001	0,009	0,022	FALSE
0,050	0,288	0,001	0,007	0,054	FALSE
0,042	0,293	0,001	0,006	0,053	FALSE
0,048	0,297	0,001	0,007	0,054	FALSE
0,094	0,303	0,002	0,007	0,110	FALSE
-0,034	0,310	0,000	0,007	0,013	FALSE
-0,023	0,314	0,000	0,007	0,004	FALSE
-0,010	0,301	0,000	0,010	0,014	FALSE
-0,080	0,299	-0,003	0,011	0,113	FALSE
0,015	0,309	0,000	0,010	0,015	FALSE
0,046	0,303	0,001	0,009	0,061	FALSE
-0,037	0,310	-0,001	0,011	0,027	FALSE
-0,066	0,303	-0,002	0,010	0,069	FALSE
-0,051	0,310	-0,002	0,013	0,061	FALSE
-0,020	0,311	-0,001	0,013	0,031	FALSE
-0,085	0,304	-0,002	0,006	0,125	FALSE

0,047	0,317	0,001	0,007	0,056	FALSE
-0,066	0,287	-0,002	0,008	0,074	FALSE
-0,037	0,309	-0,001	0,007	0,035	FALSE
-0,078	0,305	-0,003	0,010	0,096	FALSE
0,132	0,319	0,005	0,013	0,169	FALSE
-0,061	0,297	-0,001	0,011	0,044	FALSE
0,048	0,303	0,001	0,007	0,043	FALSE
-0,082	0,298	-0,002	0,006	0,101	FALSE
-0,159	0,304	-0,006	0,013	0,186	FALSE
-0,084	0,312	-0,002	0,009	0,089	FALSE
-0,078	0,311	-0,002	0,009	0,090	FALSE
-0,041	0,317	-0,002	0,011	0,060	FALSE
-0,022	0,315	0,000	0,006	0,009	FALSE
0,039	0,311	0,002	0,012	0,053	FALSE
0,058	0,297	0,001	0,008	0,064	FALSE
-0,033	0,306	-0,001	0,012	0,027	FALSE
-0,057	0,293	-0,001	0,008	0,066	FALSE
-0,014	0,301	0,001	0,010	0,024	FALSE
-0,018	0,312	-0,001	0,013	0,033	FALSE
-0,007	0,290	-0,001	0,012	0,023	FALSE
-0,039	0,305	-0,001	0,010	0,025	FALSE
0,025	0,318	0,002	0,011	0,056	FALSE
0,006	0,316	0,000	0,007	0,011	FALSE
-0,011	0,297	0,000	0,012	0,011	FALSE
0,110	0,300	0,003	0,010	0,103	FALSE
0,020	0,325	0,001	0,009	0,038	FALSE
-0,040	0,312	-0,002	0,013	0,045	FALSE
-0,057	0,311	-0,001	0,006	0,076	FALSE
0,031	0,301	0,001	0,009	0,050	FALSE
0,041	0,316	0,002	0,009	0,077	FALSE
0,022	0,302	0,000	0,013	0,004	FALSE
-0,020	0,313	-0,001	0,013	0,038	FALSE
0,015	0,291	0,001	0,007	0,057	FALSE
0,138	0,313	0,004	0,008	0,184	FALSE
0,117	0,299	0,006	0,013	0,193	FALSE
-0,080	0,311	-0,002	0,008	0,087	FALSE
0,001	0,308	0,000	0,010	0,013	FALSE
0,001	0,304	0,000	0,012	0,003	FALSE
-0,048	0,298	-0,001	0,007	0,058	FALSE
-0,057	0,315	-0,001	0,008	0,070	FALSE
-0,070	0,312	-0,002	0,007	0,107	FALSE
-0,070	0,296	-0,002	0,007	0,095	FALSE
-0,045	0,312	-0,001	0,007	0,058	FALSE
-0,015	0,300	-0,001	0,008	0,036	FALSE
0,007	0,305	0,000	0,008	0,008	FALSE
0,165	0,311	0,006	0,011	0,217	FALSE
-0,002	0,288	0,000	0,013	0,005	FALSE
0,058	0,315	0,002	0,008	0,097	FALSE
0,005	0,305	0,000	0,009	0,009	FALSE
0,101	0,320	0,003	0,010	0,134	FALSE
0,036	0,292	0,000	0,012	0,014	FALSE
-0,011	0,298	0,000	0,006	0,012	FALSE
-0,012	0,299	0,000	0,008	0,018	FALSE

0,054	0,292	0,002	0,012	0,067	FALSE
0,029	0,310	0,001	0,007	0,048	FALSE
0,051	0,321	0,002	0,013	0,064	FALSE
0,033	0,310	0,001	0,013	0,020	FALSE
0,085	0,310	0,002	0,009	0,106	FALSE
0,015	0,304	0,000	0,006	0,015	FALSE
0,064	0,308	0,002	0,011	0,056	FALSE
0,085	0,291	0,003	0,012	0,098	FALSE
-0,021	0,306	-0,001	0,007	0,046	FALSE
0,058	0,309	0,001	0,007	0,054	FALSE
0,064	0,310	0,001	0,007	0,067	FALSE
0,045	0,304	0,001	0,007	0,082	FALSE
0,113	0,313	0,004	0,011	0,163	FALSE
0,110	0,307	0,005	0,011	0,181	FALSE
0,122	0,307	0,005	0,011	0,186	FALSE
0,114	0,305	0,004	0,013	0,113	FALSE
-0,065	0,311	-0,002	0,012	0,051	FALSE
-0,087	0,292	-0,002	0,008	0,104	FALSE
0,011	0,313	0,000	0,007	0,009	FALSE
-0,132	0,304	-0,006	0,013	0,190	FALSE
0,008	0,319	0,000	0,012	0,007	FALSE
0,011	0,312	0,001	0,008	0,031	FALSE
-0,115	0,298	-0,005	0,012	0,168	FALSE
-0,038	0,306	-0,001	0,010	0,032	FALSE
-0,058	0,307	-0,001	0,006	0,063	FALSE
-0,001	0,298	0,001	0,013	0,027	FALSE
-0,068	0,307	-0,001	0,006	0,052	FALSE
0,155	0,299	0,004	0,007	0,213	FALSE
-0,084	0,303	-0,003	0,012	0,085	FALSE
0,028	0,315	0,001	0,011	0,025	FALSE
0,063	0,309	0,002	0,010	0,071	FALSE
-0,061	0,294	-0,002	0,010	0,073	FALSE
-0,042	0,304	-0,001	0,009	0,035	FALSE
0,084	0,299	0,002	0,007	0,102	FALSE
-0,045	0,313	-0,001	0,009	0,041	FALSE
-0,052	0,314	-0,001	0,007	0,073	FALSE
0,111	0,301	0,004	0,008	0,205	FALSE
0,085	0,302	0,004	0,012	0,136	FALSE
0,041	0,312	0,001	0,007	0,064	FALSE
0,048	0,305	0,001	0,009	0,057	FALSE
0,001	0,310	0,000	0,013	0,007	FALSE
0,008	0,298	0,001	0,008	0,034	FALSE
0,136	0,295	0,005	0,010	0,193	FALSE
0,192	0,293	0,006	0,010	0,276	FALSE
-0,081	0,318	-0,003	0,013	0,083	FALSE
-0,053	0,311	-0,001	0,009	0,063	FALSE
0,058	0,314	0,002	0,011	0,086	FALSE
0,083	0,297	0,002	0,011	0,075	FALSE
-0,018	0,307	-0,001	0,011	0,022	FALSE
-0,017	0,308	-0,001	0,013	0,019	FALSE
-0,018	0,296	-0,001	0,012	0,016	FALSE
-0,049	0,322	-0,001	0,007	0,067	FALSE
-0,005	0,296	0,000	0,012	0,004	FALSE

-0,058	0,296	-0,001	0,006	0,068	FALSE
0,048	0,325	0,002	0,011	0,073	FALSE
-0,064	0,301	-0,003	0,010	0,108	FALSE
-0,075	0,303	-0,003	0,010	0,106	FALSE
0,055	0,310	0,001	0,007	0,055	FALSE
-0,025	0,302	-0,001	0,007	0,028	FALSE
0,171	0,306	0,004	0,007	0,230	FALSE
-0,080	0,305	-0,002	0,007	0,119	FALSE
0,019	0,307	0,001	0,008	0,041	FALSE
-0,022	0,290	-0,001	0,007	0,047	FALSE
-0,038	0,312	-0,001	0,008	0,046	FALSE
-0,165	0,307	-0,004	0,008	0,199	FALSE
-0,009	0,324	0,000	0,011	0,011	FALSE
0,166	0,300	0,006	0,010	0,245	FALSE
-0,081	0,306	-0,003	0,012	0,084	FALSE
0,010	0,300	0,001	0,007	0,051	FALSE
-0,017	0,296	-0,001	0,006	0,049	FALSE
-0,120	0,305	-0,003	0,008	0,179	FALSE
0,025	0,308	0,001	0,010	0,038	FALSE
-0,063	0,302	-0,002	0,007	0,091	FALSE
-0,033	0,311	-0,001	0,011	0,034	FALSE
-0,008	0,308	-0,001	0,008	0,030	FALSE
0,110	0,305	0,002	0,007	0,143	FALSE
0,026	0,331	0,002	0,013	0,046	FALSE
-0,014	0,317	-0,001	0,011	0,026	FALSE
-0,001	0,319	0,000	0,013	0,008	FALSE
0,037	0,311	0,001	0,008	0,044	FALSE
-0,170	0,316	-0,004	0,007	0,231	FALSE
0,074	0,305	0,002	0,009	0,073	FALSE
0,050	0,295	0,002	0,007	0,130	FALSE
-0,019	0,319	-0,001	0,013	0,020	FALSE
-0,122	0,306	-0,003	0,009	0,136	FALSE
0,045	0,302	0,001	0,007	0,034	FALSE
-0,102	0,305	-0,002	0,007	0,128	FALSE
0,000	0,326	0,000	0,011	0,010	FALSE
0,004	0,300	0,000	0,007	0,013	FALSE
0,066	0,313	0,002	0,009	0,065	FALSE
-0,096	0,306	-0,002	0,007	0,113	FALSE
0,115	0,313	0,003	0,007	0,157	FALSE
-0,067	0,290	-0,002	0,012	0,072	FALSE
0,120	0,297	0,004	0,008	0,186	FALSE
0,054	0,316	0,002	0,011	0,066	FALSE
-0,061	0,315	-0,001	0,007	0,062	FALSE
0,003	0,300	0,000	0,007	0,000	FALSE
-0,002	0,314	0,001	0,013	0,018	FALSE
-0,050	0,313	-0,002	0,009	0,087	FALSE
0,007	0,314	0,000	0,013	0,005	FALSE
0,029	0,308	0,001	0,009	0,031	FALSE
-0,005	0,325	0,000	0,009	0,010	FALSE
0,026	0,316	0,000	0,009	0,017	FALSE
-0,051	0,298	-0,001	0,007	0,049	FALSE
-0,039	0,333	-0,002	0,011	0,054	FALSE
0,002	0,316	0,000	0,011	0,004	FALSE

-0,008	0,308	0,000	0,006	0,028	FALSE
-0,011	0,327	0,000	0,007	0,014	FALSE
0,026	0,309	0,001	0,009	0,028	FALSE
0,037	0,296	0,002	0,012	0,076	FALSE
0,140	0,305	0,003	0,006	0,214	FALSE
-0,093	0,317	-0,004	0,010	0,139	FALSE
0,054	0,309	0,001	0,010	0,055	FALSE
0,055	0,310	0,001	0,008	0,063	FALSE
0,074	0,313	0,003	0,008	0,133	FALSE
0,117	0,318	0,003	0,007	0,166	FALSE
0,030	0,309	0,001	0,009	0,048	FALSE
-0,035	0,310	-0,003	0,013	0,081	FALSE
-0,116	0,300	-0,005	0,010	0,188	FALSE
0,019	0,318	0,001	0,013	0,035	FALSE
0,047	0,292	0,002	0,010	0,098	FALSE
0,044	0,312	0,002	0,011	0,061	FALSE
0,010	0,307	0,001	0,012	0,024	FALSE
-0,133	0,304	-0,004	0,011	0,160	FALSE
-0,010	0,316	0,000	0,010	0,010	FALSE
-0,086	0,304	-0,003	0,010	0,125	FALSE
0,012	0,309	0,001	0,012	0,018	FALSE
0,002	0,325	0,000	0,013	0,003	FALSE
-0,041	0,316	-0,002	0,011	0,054	FALSE
0,101	0,313	0,003	0,010	0,108	FALSE
0,067	0,320	0,002	0,009	0,068	FALSE
-0,008	0,305	0,000	0,007	0,003	FALSE
-0,103	0,300	-0,002	0,006	0,101	FALSE
0,044	0,302	0,001	0,008	0,051	FALSE
0,041	0,313	0,001	0,011	0,021	FALSE
0,066	0,316	0,001	0,007	0,069	FALSE
-0,022	0,301	-0,001	0,011	0,018	FALSE
-0,099	0,304	-0,005	0,011	0,167	FALSE
-0,118	0,306	-0,004	0,009	0,186	FALSE
-0,038	0,308	0,000	0,007	0,017	FALSE
-0,070	0,306	-0,001	0,008	0,061	FALSE
0,027	0,296	0,001	0,012	0,038	FALSE
-0,041	0,305	-0,001	0,008	0,062	FALSE
-0,151	0,303	-0,003	0,006	0,193	FALSE
-0,025	0,306	-0,001	0,009	0,028	FALSE
-0,123	0,288	-0,004	0,009	0,179	FALSE
0,002	0,310	0,000	0,007	0,011	FALSE
0,043	0,301	0,001	0,006	0,050	FALSE
-0,039	0,323	-0,001	0,010	0,048	FALSE
-0,028	0,308	-0,001	0,008	0,054	FALSE
-0,017	0,313	0,000	0,010	0,015	FALSE
-0,127	0,302	-0,006	0,013	0,193	FALSE
-0,091	0,301	-0,002	0,009	0,093	FALSE
0,074	0,293	0,003	0,010	0,117	FALSE
-0,048	0,301	-0,001	0,009	0,054	FALSE
-0,064	0,315	-0,002	0,009	0,067	FALSE
-0,095	0,302	-0,003	0,012	0,107	FALSE
-0,008	0,323	-0,001	0,007	0,039	FALSE
0,118	0,309	0,002	0,007	0,144	FALSE

-0,049	0,303	-0,001	0,007	0,050	FALSE
-0,163	0,308	-0,004	0,008	0,227	FALSE
-0,018	0,314	0,000	0,012	0,011	FALSE
-0,015	0,318	-0,001	0,011	0,044	FALSE
0,079	0,329	0,003	0,012	0,091	FALSE
-0,083	0,296	-0,003	0,011	0,123	FALSE
-0,008	0,308	-0,001	0,011	0,022	FALSE
0,006	0,305	0,001	0,008	0,026	FALSE
0,011	0,304	0,001	0,008	0,045	FALSE
0,113	0,311	0,005	0,013	0,148	FALSE
0,086	0,307	0,004	0,012	0,125	FALSE
0,125	0,301	0,005	0,011	0,183	FALSE
0,148	0,299	0,006	0,012	0,209	FALSE
-0,071	0,324	-0,002	0,009	0,097	FALSE
0,062	0,318	0,002	0,012	0,072	FALSE
0,079	0,300	0,003	0,011	0,105	FALSE
-0,023	0,309	-0,001	0,010	0,051	FALSE
0,058	0,303	0,001	0,009	0,056	FALSE
0,039	0,298	0,002	0,013	0,071	FALSE
-0,025	0,308	-0,001	0,011	0,033	FALSE
0,039	0,308	0,000	0,007	0,016	FALSE
-0,128	0,297	-0,005	0,012	0,175	FALSE
-0,031	0,299	0,000	0,009	0,009	FALSE
-0,019	0,311	-0,002	0,013	0,046	FALSE
0,013	0,287	0,001	0,011	0,026	FALSE
0,052	0,300	0,002	0,009	0,098	FALSE
-0,045	0,310	-0,002	0,013	0,069	FALSE
-0,033	0,305	-0,002	0,012	0,057	FALSE
-0,004	0,311	0,000	0,006	0,026	FALSE
0,089	0,305	0,003	0,009	0,149	FALSE
-0,005	0,305	0,000	0,012	0,002	FALSE
0,066	0,315	0,002	0,009	0,083	FALSE
0,052	0,314	0,002	0,013	0,070	FALSE
0,018	0,304	0,001	0,007	0,056	FALSE
0,059	0,306	0,002	0,009	0,071	FALSE
-0,073	0,299	-0,002	0,007	0,101	FALSE
-0,041	0,306	-0,001	0,006	0,060	FALSE
-0,049	0,314	-0,001	0,007	0,053	FALSE
0,036	0,309	0,001	0,008	0,024	FALSE
0,120	0,287	0,004	0,009	0,192	FALSE
-0,076	0,295	-0,002	0,008	0,100	FALSE
-0,041	0,303	-0,001	0,010	0,053	FALSE
0,120	0,314	0,003	0,007	0,161	FALSE
-0,185	0,297	-0,006	0,009	0,274	FALSE
-0,093	0,314	-0,004	0,010	0,149	FALSE
0,008	0,306	0,001	0,012	0,019	FALSE
-0,025	0,298	-0,001	0,011	0,017	FALSE
0,031	0,312	0,002	0,010	0,070	FALSE
0,082	0,318	0,003	0,012	0,113	FALSE
0,046	0,309	0,002	0,009	0,067	FALSE
-0,013	0,299	-0,001	0,010	0,018	FALSE
-0,065	0,312	-0,002	0,007	0,086	FALSE
-0,075	0,309	-0,002	0,007	0,119	FALSE

0,052	0,303	0,003	0,013	0,077	FALSE
-0,062	0,304	-0,001	0,007	0,049	FALSE
-0,076	0,310	-0,001	0,007	0,075	FALSE
-0,078	0,300	-0,002	0,007	0,088	FALSE
-0,063	0,310	-0,001	0,007	0,052	FALSE
0,073	0,293	0,002	0,007	0,091	FALSE
0,095	0,281	0,004	0,012	0,116	FALSE
0,084	0,324	0,004	0,013	0,117	FALSE
0,003	0,305	0,000	0,012	0,012	FALSE
-0,065	0,313	-0,003	0,013	0,080	FALSE
-0,013	0,315	-0,001	0,011	0,027	FALSE
-0,026	0,310	-0,001	0,013	0,039	FALSE
0,031	0,309	0,001	0,009	0,022	FALSE
-0,046	0,325	-0,001	0,010	0,048	FALSE
0,182	0,315	0,007	0,011	0,280	FALSE
0,236	0,287	0,008	0,010	0,406	FALSE
0,262	0,288	0,009	0,010	0,465	FALSE
0,118	0,297	0,002	0,006	0,122	FALSE
-0,061	0,303	-0,002	0,010	0,083	FALSE
-0,082	0,302	-0,003	0,010	0,114	FALSE
-0,094	0,301	-0,003	0,008	0,159	FALSE
-0,087	0,302	-0,003	0,009	0,120	FALSE
-0,022	0,291	0,001	0,011	0,028	FALSE
-0,061	0,318	-0,002	0,008	0,078	FALSE
-0,023	0,296	0,000	0,007	0,026	FALSE
0,046	0,305	0,002	0,011	0,059	FALSE
-0,089	0,311	-0,003	0,012	0,106	FALSE
-0,061	0,290	-0,002	0,007	0,111	FALSE
-0,037	0,303	-0,001	0,009	0,046	FALSE
-0,088	0,302	-0,004	0,012	0,124	FALSE
0,022	0,326	0,000	0,014	0,008	FALSE
-0,009	0,314	-0,001	0,006	0,040	FALSE
-0,046	0,292	-0,001	0,010	0,024	FALSE
-0,039	0,317	0,000	0,008	0,009	FALSE
0,059	0,297	0,001	0,008	0,055	FALSE
0,034	0,278	0,001	0,011	0,020	FALSE
0,027	0,302	0,001	0,010	0,045	FALSE
0,041	0,307	0,001	0,011	0,016	FALSE
-0,061	0,296	-0,001	0,006	0,068	FALSE
0,137	0,295	0,003	0,008	0,175	FALSE
0,135	0,292	0,003	0,007	0,145	FALSE
-0,146	0,312	-0,004	0,009	0,210	FALSE
-0,156	0,300	-0,004	0,008	0,225	FALSE
-0,004	0,301	-0,002	0,013	0,047	FALSE
-0,032	0,312	-0,002	0,013	0,064	FALSE
0,099	0,301	0,004	0,010	0,142	FALSE
0,226	0,280	0,009	0,012	0,342	FALSE
-0,118	0,306	-0,005	0,012	0,162	FALSE
-0,087	0,321	-0,003	0,009	0,134	FALSE
-0,005	0,324	-0,001	0,010	0,038	FALSE
-0,129	0,323	-0,003	0,007	0,188	FALSE
-0,050	0,299	-0,001	0,006	0,065	FALSE
0,076	0,310	0,003	0,012	0,081	FALSE

0,111	0,299	0,004	0,012	0,129	FALSE
-0,049	0,299	-0,002	0,009	0,087	FALSE
-0,015	0,307	0,000	0,009	0,010	FALSE
0,019	0,309	0,001	0,013	0,034	FALSE
0,030	0,309	0,002	0,012	0,048	FALSE
0,064	0,300	0,002	0,009	0,092	FALSE
0,044	0,301	0,001	0,009	0,037	FALSE
0,138	0,306	0,003	0,008	0,184	FALSE
0,047	0,314	0,001	0,013	0,041	FALSE
0,028	0,311	0,000	0,012	0,000	FALSE
-0,076	0,314	-0,004	0,011	0,122	FALSE
0,092	0,302	0,004	0,011	0,134	FALSE
0,135	0,313	0,005	0,011	0,194	FALSE
0,056	0,311	0,002	0,009	0,065	FALSE
0,072	0,301	0,002	0,007	0,091	FALSE
0,083	0,308	0,003	0,008	0,150	FALSE
-0,101	0,302	-0,003	0,007	0,150	FALSE
-0,055	0,313	-0,001	0,007	0,074	FALSE
0,040	0,312	0,001	0,011	0,039	FALSE
-0,045	0,312	-0,001	0,009	0,035	FALSE
0,058	0,314	0,003	0,013	0,073	FALSE
-0,032	0,304	-0,001	0,006	0,047	FALSE
0,052	0,308	0,003	0,013	0,092	FALSE
0,108	0,303	0,003	0,007	0,158	FALSE
-0,093	0,312	-0,003	0,011	0,115	FALSE
-0,045	0,303	-0,001	0,007	0,035	FALSE
0,044	0,315	0,003	0,012	0,081	FALSE
-0,055	0,306	-0,001	0,009	0,045	FALSE
-0,001	0,310	0,000	0,008	0,013	FALSE
-0,032	0,300	-0,001	0,008	0,042	FALSE
0,041	0,307	0,002	0,009	0,072	FALSE
0,046	0,320	0,002	0,011	0,069	FALSE
-0,017	0,317	-0,001	0,008	0,033	FALSE
0,034	0,303	0,001	0,013	0,022	FALSE
-0,045	0,310	-0,001	0,010	0,051	FALSE
-0,039	0,294	-0,001	0,010	0,049	FALSE
-0,089	0,303	-0,001	0,006	0,086	FALSE
0,083	0,307	0,003	0,013	0,092	FALSE
0,189	0,296	0,007	0,011	0,292	FALSE
-0,057	0,291	-0,001	0,008	0,055	FALSE
0,063	0,290	0,002	0,009	0,106	FALSE
-0,022	0,287	-0,001	0,010	0,021	FALSE
0,049	0,293	0,002	0,009	0,091	FALSE
0,009	0,295	0,000	0,010	0,012	FALSE
0,039	0,304	0,002	0,013	0,044	FALSE
0,041	0,288	0,001	0,008	0,063	FALSE
-0,105	0,309	-0,002	0,007	0,139	FALSE
-0,029	0,295	-0,001	0,012	0,035	FALSE
-0,014	0,315	-0,001	0,007	0,043	FALSE
-0,042	0,310	0,000	0,007	0,026	FALSE
0,133	0,315	0,004	0,008	0,198	FALSE
-0,063	0,302	-0,001	0,006	0,042	FALSE
0,120	0,302	0,004	0,009	0,162	FALSE

-0,009	0,311	0,000	0,007	0,005	FALSE
0,007	0,289	0,000	0,006	0,005	FALSE
0,065	0,300	0,001	0,006	0,059	FALSE
0,056	0,301	0,004	0,013	0,118	FALSE
-0,145	0,302	-0,006	0,011	0,237	FALSE
0,145	0,285	0,005	0,010	0,229	FALSE
-0,132	0,295	-0,006	0,011	0,224	FALSE
0,092	0,317	0,003	0,008	0,143	FALSE
0,083	0,302	0,003	0,013	0,090	FALSE
-0,004	0,312	-0,001	0,013	0,020	FALSE
-0,064	0,305	-0,001	0,009	0,043	FALSE
-0,043	0,313	-0,001	0,010	0,032	FALSE
0,065	0,317	0,003	0,012	0,082	FALSE
0,010	0,308	0,000	0,008	0,018	FALSE
-0,020	0,289	0,000	0,006	0,014	FALSE
-0,008	0,322	0,000	0,007	0,000	FALSE
0,100	0,314	0,002	0,007	0,138	FALSE
-0,019	0,333	-0,001	0,014	0,019	FALSE
0,011	0,309	0,000	0,007	0,004	FALSE
-0,046	0,317	-0,001	0,008	0,049	FALSE
-0,083	0,312	-0,004	0,012	0,119	FALSE
0,037	0,315	0,001	0,007	0,032	FALSE
0,082	0,306	0,003	0,009	0,125	FALSE
-0,009	0,299	0,000	0,007	0,008	FALSE
0,002	0,292	0,000	0,009	0,008	FALSE
0,025	0,309	0,001	0,012	0,016	FALSE
0,005	0,317	0,000	0,013	0,011	FALSE
0,015	0,305	0,001	0,006	0,043	FALSE
0,047	0,320	0,001	0,013	0,034	FALSE
-0,023	0,314	0,000	0,008	0,016	FALSE
0,001	0,293	0,000	0,009	0,013	FALSE
-0,010	0,307	0,000	0,007	0,014	FALSE
-0,087	0,314	-0,002	0,008	0,102	FALSE
-0,021	0,301	-0,002	0,012	0,048	FALSE
0,016	0,316	0,000	0,008	0,014	FALSE
0,003	0,296	0,000	0,011	0,001	FALSE
-0,025	0,315	-0,001	0,008	0,036	FALSE
0,095	0,309	0,003	0,007	0,136	FALSE
-0,020	0,319	-0,001	0,013	0,021	FALSE
-0,004	0,310	-0,001	0,012	0,024	FALSE
0,026	0,303	0,002	0,013	0,059	FALSE
-0,055	0,303	-0,002	0,011	0,068	FALSE
0,051	0,298	0,001	0,010	0,045	FALSE
0,183	0,292	0,006	0,010	0,251	FALSE
0,020	0,309	0,001	0,013	0,042	FALSE
-0,081	0,312	-0,002	0,008	0,083	FALSE
-0,112	0,305	-0,003	0,008	0,138	FALSE
0,067	0,316	0,003	0,013	0,093	FALSE
0,001	0,318	0,001	0,008	0,040	FALSE
-0,191	0,320	-0,004	0,007	0,247	FALSE
-0,092	0,298	-0,002	0,009	0,071	FALSE
-0,173	0,311	-0,003	0,006	0,232	FALSE
-0,124	0,303	-0,003	0,009	0,135	FALSE

-0,017	0,317	-0,001	0,008	0,048	FALSE
0,041	0,309	0,001	0,010	0,039	FALSE
-0,140	0,317	-0,003	0,009	0,148	FALSE
-0,114	0,313	-0,006	0,013	0,179	FALSE
0,096	0,300	0,005	0,012	0,157	FALSE
-0,112	0,295	-0,005	0,012	0,173	FALSE
0,026	0,318	0,001	0,012	0,024	FALSE
0,020	0,303	0,001	0,011	0,020	FALSE
0,005	0,304	0,000	0,012	0,013	FALSE
-0,100	0,310	-0,003	0,009	0,116	FALSE
0,059	0,299	0,001	0,007	0,055	FALSE
-0,087	0,297	-0,003	0,012	0,091	FALSE
0,046	0,310	0,001	0,007	0,061	FALSE
-0,042	0,320	-0,001	0,012	0,039	FALSE
-0,015	0,296	-0,001	0,007	0,053	FALSE
0,063	0,316	0,002	0,007	0,094	FALSE
-0,016	0,308	0,000	0,010	0,010	FALSE
0,036	0,318	0,001	0,008	0,070	FALSE
0,111	0,281	0,003	0,008	0,167	FALSE
0,050	0,303	0,000	0,007	0,014	FALSE
-0,087	0,312	-0,002	0,007	0,121	FALSE
0,032	0,299	0,002	0,013	0,060	FALSE
0,085	0,299	0,003	0,008	0,145	FALSE
0,050	0,301	0,001	0,007	0,068	FALSE
0,044	0,303	0,001	0,007	0,058	FALSE
-0,190	0,308	-0,004	0,008	0,242	FALSE
-0,146	0,298	-0,004	0,012	0,132	FALSE
0,009	0,317	0,000	0,007	0,002	FALSE
0,088	0,302	0,003	0,013	0,106	FALSE
0,019	0,287	0,002	0,012	0,050	FALSE
0,085	0,306	0,003	0,011	0,122	FALSE
0,053	0,311	0,002	0,008	0,078	FALSE
0,012	0,311	0,001	0,008	0,050	FALSE
0,000	0,311	0,000	0,008	0,005	FALSE
0,073	0,329	0,002	0,011	0,084	FALSE
0,154	0,308	0,006	0,013	0,199	FALSE
0,066	0,300	0,002	0,012	0,075	FALSE
-0,062	0,313	-0,001	0,007	0,073	FALSE
0,024	0,305	0,000	0,008	0,021	FALSE
-0,077	0,310	-0,001	0,007	0,086	FALSE
0,056	0,324	0,002	0,011	0,070	FALSE
0,005	0,306	0,000	0,007	0,007	FALSE
-0,043	0,314	-0,002	0,012	0,066	FALSE
-0,097	0,297	-0,004	0,013	0,120	FALSE
-0,030	0,298	-0,001	0,008	0,057	FALSE
0,027	0,308	0,002	0,012	0,064	FALSE
-0,041	0,306	-0,003	0,013	0,087	FALSE
-0,011	0,312	0,000	0,007	0,024	FALSE
0,034	0,313	0,001	0,011	0,026	FALSE
0,089	0,303	0,003	0,010	0,108	FALSE
0,122	0,314	0,004	0,010	0,169	FALSE
-0,099	0,294	-0,003	0,009	0,125	FALSE
-0,149	0,297	-0,007	0,012	0,238	FALSE

-0,085	0,308	-0,004	0,011	0,131	FALSE
0,044	0,306	0,000	0,009	0,007	FALSE
0,035	0,313	0,002	0,010	0,066	FALSE
0,094	0,303	0,002	0,008	0,118	FALSE
0,072	0,293	0,004	0,012	0,129	FALSE
0,045	0,315	0,002	0,012	0,064	FALSE
-0,020	0,324	-0,001	0,011	0,028	FALSE
-0,023	0,311	0,000	0,007	0,005	FALSE
0,070	0,300	0,004	0,012	0,123	FALSE
-0,050	0,325	-0,002	0,012	0,059	FALSE
0,180	0,298	0,006	0,009	0,271	TRUE
-0,036	0,300	-0,001	0,007	0,041	FALSE
-0,054	0,305	-0,002	0,007	0,105	FALSE
-0,057	0,310	-0,002	0,009	0,102	FALSE
-0,173	0,307	-0,008	0,013	0,281	FALSE
0,059	0,303	0,003	0,012	0,094	FALSE
-0,017	0,310	0,000	0,011	0,001	FALSE
-0,068	0,308	-0,002	0,010	0,066	FALSE
0,028	0,306	0,000	0,012	0,003	FALSE
-0,044	0,313	-0,001	0,009	0,048	FALSE
-0,104	0,300	-0,003	0,009	0,120	FALSE
-0,098	0,308	-0,003	0,009	0,127	FALSE
-0,035	0,298	-0,001	0,007	0,076	FALSE
-0,003	0,320	0,000	0,010	0,008	FALSE
0,129	0,309	0,004	0,011	0,157	FALSE
0,062	0,303	0,001	0,006	0,062	FALSE
0,088	0,308	0,004	0,012	0,114	FALSE
-0,143	0,312	-0,004	0,009	0,181	FALSE
-0,027	0,310	-0,001	0,009	0,051	FALSE
-0,021	0,324	-0,001	0,007	0,040	FALSE
0,100	0,308	0,003	0,007	0,167	FALSE
-0,046	0,300	-0,003	0,011	0,093	FALSE
0,020	0,304	0,000	0,008	0,009	FALSE
0,016	0,306	0,000	0,008	0,019	FALSE
-0,016	0,315	-0,002	0,013	0,050	FALSE
-0,012	0,299	-0,002	0,012	0,056	FALSE
0,088	0,299	0,002	0,008	0,080	FALSE
-0,102	0,294	-0,004	0,013	0,132	FALSE
-0,082	0,313	-0,002	0,008	0,096	FALSE
-0,065	0,303	-0,001	0,008	0,064	FALSE
0,048	0,306	0,001	0,010	0,051	FALSE
-0,108	0,319	-0,004	0,012	0,125	FALSE
0,018	0,302	0,000	0,012	0,006	FALSE
-0,049	0,303	-0,001	0,009	0,058	FALSE
0,006	0,306	0,000	0,010	0,004	FALSE
-0,023	0,302	-0,001	0,011	0,042	FALSE
0,012	0,314	0,000	0,011	0,006	FALSE
0,004	0,314	0,001	0,009	0,026	FALSE
-0,038	0,312	-0,002	0,012	0,076	FALSE
-0,047	0,304	-0,001	0,007	0,067	FALSE
-0,156	0,302	-0,004	0,009	0,182	FALSE
0,057	0,316	0,001	0,011	0,045	FALSE
-0,066	0,318	-0,001	0,007	0,080	FALSE

-0,122	0,311	-0,004	0,010	0,152	FALSE
-0,128	0,305	-0,006	0,012	0,209	FALSE
-0,039	0,310	-0,001	0,007	0,052	FALSE
0,097	0,296	0,002	0,009	0,092	FALSE
0,071	0,299	0,002	0,011	0,075	FALSE
0,025	0,302	0,002	0,010	0,058	FALSE
0,006	0,310	0,001	0,011	0,039	FALSE
0,064	0,310	0,003	0,011	0,092	FALSE
-0,036	0,300	-0,002	0,008	0,082	FALSE
0,017	0,297	0,000	0,010	0,010	FALSE
-0,089	0,301	-0,002	0,006	0,136	FALSE
-0,044	0,300	-0,001	0,006	0,075	FALSE
-0,055	0,304	-0,002	0,008	0,100	FALSE
0,063	0,311	0,002	0,007	0,085	FALSE
0,025	0,305	0,001	0,011	0,019	FALSE
0,069	0,301	0,002	0,006	0,111	FALSE
0,117	0,309	0,005	0,013	0,161	FALSE
0,043	0,312	0,002	0,009	0,066	FALSE
0,068	0,307	0,002	0,007	0,117	FALSE
-0,089	0,286	-0,002	0,011	0,077	FALSE
-0,054	0,316	-0,001	0,007	0,072	FALSE
-0,142	0,308	-0,006	0,012	0,199	FALSE
-0,059	0,312	-0,001	0,007	0,059	FALSE
-0,046	0,314	-0,002	0,009	0,062	FALSE
-0,042	0,304	0,000	0,009	0,018	FALSE
0,063	0,315	0,002	0,008	0,074	FALSE
0,015	0,311	0,000	0,007	0,017	FALSE
0,078	0,300	0,002	0,007	0,098	FALSE
-0,014	0,317	0,000	0,007	0,000	FALSE
0,029	0,307	0,001	0,006	0,030	FALSE
0,022	0,311	0,001	0,010	0,022	FALSE
0,024	0,304	0,001	0,007	0,039	FALSE
0,017	0,313	0,000	0,008	0,007	FALSE
0,032	0,300	0,000	0,010	0,018	FALSE
-0,109	0,309	-0,003	0,009	0,133	FALSE
0,000	0,309	0,000	0,008	0,007	FALSE
0,049	0,318	0,001	0,006	0,077	FALSE
-0,084	0,302	-0,004	0,013	0,119	FALSE
0,091	0,306	0,001	0,006	0,085	FALSE
0,034	0,308	0,002	0,010	0,080	FALSE
0,004	0,309	0,000	0,010	0,004	FALSE
-0,005	0,312	0,000	0,009	0,005	FALSE
0,007	0,294	0,000	0,007	0,022	FALSE
-0,208	0,301	-0,006	0,010	0,285	FALSE
-0,112	0,305	-0,002	0,006	0,139	FALSE
-0,037	0,311	-0,001	0,009	0,035	FALSE
-0,071	0,309	-0,003	0,010	0,102	FALSE
0,104	0,300	0,002	0,007	0,132	FALSE
0,102	0,304	0,002	0,007	0,101	FALSE
-0,084	0,304	-0,003	0,011	0,122	FALSE
-0,177	0,304	-0,004	0,007	0,259	FALSE
-0,082	0,343	-0,002	0,008	0,088	FALSE
-0,142	0,297	-0,003	0,006	0,175	FALSE

-0,165	0,303	-0,004	0,007	0,209	FALSE
-0,006	0,310	0,000	0,011	0,000	FALSE
-0,044	0,307	-0,001	0,006	0,049	FALSE
-0,128	0,309	-0,004	0,012	0,140	FALSE
0,097	0,309	0,003	0,010	0,108	FALSE
-0,040	0,330	-0,001	0,008	0,050	FALSE
-0,016	0,302	0,000	0,009	0,004	FALSE
0,071	0,297	0,003	0,013	0,087	FALSE
-0,049	0,309	-0,002	0,011	0,060	FALSE
0,130	0,303	0,003	0,007	0,156	FALSE
0,032	0,318	0,001	0,007	0,044	FALSE
0,076	0,305	0,004	0,012	0,113	FALSE
-0,097	0,318	-0,002	0,008	0,123	FALSE
0,031	0,298	0,001	0,009	0,020	FALSE
-0,067	0,313	-0,002	0,008	0,072	FALSE
-0,048	0,301	-0,002	0,011	0,055	FALSE
-0,018	0,311	0,000	0,013	0,013	FALSE
-0,056	0,311	-0,001	0,010	0,052	FALSE
-0,013	0,309	-0,001	0,012	0,045	FALSE
-0,077	0,306	-0,002	0,009	0,073	FALSE
0,025	0,312	0,001	0,009	0,032	FALSE
0,204	0,300	0,008	0,011	0,335	FALSE
-0,041	0,314	0,000	0,007	0,022	FALSE
-0,030	0,321	-0,002	0,012	0,061	FALSE
0,016	0,308	0,001	0,010	0,036	FALSE
-0,059	0,299	-0,002	0,009	0,065	FALSE
-0,106	0,312	-0,003	0,009	0,120	FALSE
-0,088	0,306	-0,004	0,012	0,143	FALSE
-0,020	0,310	-0,001	0,011	0,034	FALSE
-0,013	0,311	-0,001	0,011	0,027	FALSE
-0,076	0,305	-0,002	0,007	0,106	FALSE
-0,132	0,302	-0,005	0,012	0,185	FALSE
-0,015	0,315	0,000	0,009	0,011	FALSE
0,066	0,303	0,002	0,009	0,097	FALSE
-0,094	0,304	-0,003	0,010	0,112	FALSE
0,107	0,308	0,003	0,008	0,129	FALSE
-0,098	0,307	-0,003	0,011	0,109	FALSE
-0,100	0,308	-0,003	0,012	0,101	FALSE
0,086	0,302	0,002	0,006	0,147	FALSE
-0,059	0,316	-0,002	0,010	0,083	FALSE
0,027	0,315	0,001	0,010	0,049	FALSE
-0,100	0,312	-0,004	0,012	0,132	FALSE
0,006	0,308	0,000	0,011	0,012	FALSE
-0,114	0,314	-0,005	0,013	0,162	FALSE
-0,150	0,311	-0,005	0,010	0,221	FALSE
-0,098	0,311	-0,004	0,013	0,111	FALSE
-0,038	0,289	-0,001	0,006	0,042	FALSE
0,013	0,319	0,001	0,012	0,019	FALSE
-0,007	0,307	0,000	0,011	0,011	FALSE
-0,011	0,305	-0,001	0,009	0,035	FALSE
-0,058	0,323	-0,003	0,011	0,095	FALSE
-0,033	0,298	-0,002	0,010	0,063	FALSE
0,011	0,308	0,000	0,009	0,004	FALSE

0,006	0,323	0,000	0,012	0,005	FALSE
0,039	0,312	0,001	0,009	0,020	FALSE
0,100	0,301	0,002	0,008	0,107	FALSE
0,103	0,304	0,003	0,008	0,120	FALSE
0,089	0,298	0,003	0,009	0,111	FALSE
-0,008	0,313	0,000	0,008	0,007	FALSE
0,007	0,306	0,001	0,010	0,034	FALSE
-0,043	0,294	-0,003	0,010	0,106	FALSE
0,007	0,310	0,000	0,006	0,021	FALSE
0,015	0,323	0,000	0,009	0,003	FALSE
-0,084	0,303	-0,003	0,008	0,148	FALSE
0,143	0,313	0,003	0,007	0,189	FALSE
-0,033	0,325	0,000	0,007	0,018	FALSE
-0,007	0,321	0,000	0,009	0,008	FALSE
0,090	0,299	0,003	0,008	0,145	FALSE
0,066	0,308	0,001	0,006	0,079	FALSE
-0,053	0,320	-0,002	0,009	0,085	FALSE
0,109	0,314	0,005	0,012	0,162	FALSE
-0,091	0,314	-0,002	0,007	0,109	FALSE
-0,024	0,313	0,000	0,006	0,013	FALSE
-0,052	0,325	-0,002	0,008	0,081	FALSE
-0,010	0,318	0,000	0,012	0,001	FALSE
0,027	0,313	0,001	0,007	0,057	FALSE
0,071	0,311	0,002	0,008	0,102	FALSE
0,062	0,305	0,002	0,009	0,094	FALSE
-0,026	0,318	-0,001	0,006	0,044	FALSE
0,024	0,307	0,001	0,010	0,046	FALSE
0,040	0,313	0,002	0,008	0,094	FALSE
0,122	0,295	0,004	0,008	0,232	FALSE
0,128	0,296	0,004	0,008	0,237	FALSE
0,048	0,327	0,002	0,014	0,043	FALSE
-0,002	0,304	0,001	0,010	0,031	FALSE
-0,032	0,313	-0,001	0,010	0,040	FALSE
-0,046	0,315	-0,001	0,010	0,047	FALSE
-0,088	0,301	-0,002	0,007	0,099	FALSE
-0,099	0,304	-0,004	0,011	0,151	FALSE
-0,081	0,311	-0,003	0,011	0,109	FALSE
0,022	0,316	0,001	0,013	0,022	FALSE
-0,055	0,309	-0,003	0,009	0,114	FALSE
-0,021	0,314	0,000	0,012	0,013	FALSE
-0,122	0,305	-0,003	0,009	0,154	FALSE
0,021	0,295	0,000	0,009	0,009	FALSE
-0,146	0,301	-0,003	0,006	0,205	FALSE
-0,113	0,301	-0,003	0,009	0,156	FALSE
0,007	0,313	0,000	0,010	0,001	FALSE
-0,020	0,309	-0,002	0,012	0,051	FALSE
-0,037	0,319	-0,001	0,009	0,036	FALSE
0,076	0,315	0,002	0,006	0,115	FALSE
0,098	0,313	0,003	0,009	0,149	FALSE
-0,068	0,308	-0,002	0,009	0,065	FALSE
-0,029	0,311	-0,002	0,012	0,049	FALSE
-0,078	0,312	-0,004	0,012	0,125	FALSE
0,033	0,309	0,001	0,007	0,026	FALSE

0,068	0,303	0,002	0,011	0,067	FALSE
0,056	0,303	0,001	0,011	0,049	FALSE
0,065	0,300	0,002	0,010	0,069	FALSE
-0,088	0,307	-0,003	0,009	0,132	FALSE
-0,065	0,291	-0,002	0,007	0,081	FALSE
0,064	0,306	0,002	0,012	0,050	FALSE
-0,021	0,304	-0,001	0,010	0,030	FALSE
0,074	0,317	0,003	0,010	0,126	FALSE
-0,125	0,301	-0,002	0,006	0,148	FALSE
-0,076	0,304	-0,001	0,007	0,078	FALSE
0,026	0,297	0,001	0,013	0,030	FALSE
0,099	0,304	0,003	0,009	0,145	FALSE
-0,130	0,304	-0,003	0,007	0,177	FALSE
0,006	0,298	0,001	0,007	0,039	FALSE
0,192	0,305	0,007	0,011	0,287	FALSE
-0,105	0,314	-0,002	0,008	0,120	FALSE
0,106	0,300	0,004	0,012	0,125	FALSE
-0,060	0,314	-0,002	0,013	0,072	FALSE
-0,011	0,314	-0,001	0,008	0,042	FALSE
-0,007	0,305	-0,001	0,008	0,028	FALSE
-0,032	0,318	-0,001	0,008	0,048	FALSE
-0,037	0,312	-0,001	0,013	0,033	FALSE
-0,132	0,311	-0,005	0,012	0,161	FALSE
0,045	0,301	0,001	0,008	0,035	FALSE
-0,025	0,305	-0,001	0,008	0,062	FALSE
-0,025	0,320	-0,001	0,009	0,040	FALSE
-0,022	0,292	-0,001	0,007	0,064	FALSE
-0,085	0,316	-0,002	0,011	0,088	FALSE
-0,058	0,320	-0,002	0,012	0,062	FALSE
0,001	0,301	-0,001	0,012	0,017	FALSE
0,022	0,298	0,001	0,009	0,024	FALSE
0,002	0,319	0,000	0,010	0,014	FALSE
-0,177	0,303	-0,006	0,009	0,282	FALSE
-0,096	0,306	-0,004	0,011	0,160	FALSE
-0,146	0,299	-0,005	0,009	0,238	FALSE
0,007	0,320	0,000	0,010	0,008	FALSE
-0,030	0,302	-0,002	0,012	0,049	FALSE
-0,063	0,304	-0,003	0,012	0,092	FALSE
0,044	0,302	0,001	0,006	0,062	FALSE
0,030	0,320	0,001	0,010	0,039	FALSE
-0,064	0,308	-0,001	0,007	0,062	FALSE
0,017	0,316	0,001	0,013	0,027	FALSE
0,053	0,297	0,002	0,010	0,058	FALSE
-0,056	0,316	-0,001	0,008	0,028	FALSE
0,094	0,303	0,002	0,010	0,087	FALSE
0,044	0,307	0,001	0,010	0,043	FALSE
0,014	0,307	0,001	0,010	0,018	FALSE
0,030	0,317	0,002	0,013	0,043	FALSE
0,043	0,307	0,001	0,008	0,043	FALSE
0,011	0,308	0,000	0,009	0,008	FALSE
0,101	0,302	0,003	0,010	0,133	FALSE
0,098	0,297	0,004	0,012	0,127	FALSE
-0,037	0,303	0,000	0,006	0,001	FALSE

-0,014	0,324	-0,001	0,011	0,030	FALSE
-0,058	0,297	-0,003	0,011	0,095	FALSE
0,084	0,300	0,002	0,007	0,115	FALSE
-0,086	0,302	-0,002	0,008	0,118	FALSE
0,111	0,308	0,006	0,013	0,186	FALSE
0,136	0,302	0,004	0,007	0,237	FALSE
-0,020	0,318	-0,002	0,011	0,052	FALSE
0,060	0,314	0,002	0,009	0,065	FALSE
0,075	0,312	0,002	0,009	0,072	FALSE
-0,019	0,314	0,000	0,011	0,005	FALSE
0,059	0,298	0,002	0,007	0,094	FALSE
-0,077	0,299	-0,003	0,012	0,086	FALSE
-0,010	0,303	-0,001	0,012	0,024	FALSE
0,008	0,307	0,001	0,009	0,019	FALSE
-0,082	0,289	-0,002	0,010	0,079	FALSE
-0,089	0,307	-0,002	0,011	0,074	FALSE
0,079	0,318	0,002	0,011	0,086	FALSE
0,058	0,312	0,002	0,011	0,071	FALSE
-0,089	0,285	-0,002	0,006	0,125	FALSE
0,010	0,331	0,000	0,013	0,002	FALSE
0,026	0,300	0,000	0,008	0,009	FALSE
-0,119	0,308	-0,005	0,011	0,194	FALSE
0,050	0,321	0,001	0,007	0,050	FALSE
-0,186	0,298	-0,006	0,009	0,256	FALSE
0,161	0,303	0,005	0,010	0,217	FALSE
0,032	0,316	0,001	0,008	0,044	FALSE
-0,056	0,303	-0,002	0,013	0,071	FALSE
0,126	0,303	0,004	0,011	0,165	FALSE
-0,099	0,315	-0,002	0,007	0,133	FALSE
0,034	0,308	0,001	0,009	0,025	FALSE
-0,023	0,293	0,000	0,007	0,015	FALSE
-0,038	0,304	-0,001	0,009	0,064	FALSE
0,042	0,308	0,001	0,008	0,025	FALSE
-0,066	0,299	-0,004	0,013	0,119	FALSE
-0,067	0,303	-0,004	0,013	0,132	FALSE
0,073	0,316	0,002	0,006	0,098	FALSE
0,026	0,316	0,000	0,012	0,002	FALSE
0,073	0,308	0,004	0,011	0,128	FALSE
-0,006	0,314	0,001	0,013	0,014	FALSE
-0,125	0,310	-0,002	0,007	0,137	FALSE
0,091	0,302	0,004	0,012	0,123	FALSE
-0,176	0,311	-0,006	0,012	0,228	FALSE
-0,090	0,310	-0,002	0,007	0,096	FALSE
-0,019	0,306	-0,001	0,013	0,034	FALSE
0,014	0,310	0,001	0,011	0,049	FALSE
-0,011	0,305	-0,001	0,011	0,021	FALSE
0,127	0,306	0,003	0,007	0,163	FALSE
-0,189	0,303	-0,008	0,012	0,295	FALSE
0,040	0,295	0,002	0,012	0,044	FALSE
0,156	0,302	0,004	0,006	0,269	FALSE
0,020	0,322	0,001	0,011	0,043	FALSE
0,021	0,303	0,000	0,008	0,006	FALSE
-0,126	0,291	-0,006	0,013	0,200	FALSE

-0,012	0,306	0,000	0,007	0,020	FALSE
0,021	0,306	0,000	0,009	0,000	FALSE
0,003	0,298	0,000	0,008	0,002	FALSE
-0,025	0,297	-0,002	0,008	0,072	FALSE
0,019	0,313	0,002	0,013	0,054	FALSE
-0,015	0,308	0,000	0,013	0,007	FALSE
-0,003	0,309	-0,001	0,009	0,042	FALSE
0,009	0,298	-0,001	0,013	0,031	FALSE
-0,002	0,289	0,000	0,009	0,012	FALSE
-0,030	0,280	-0,003	0,012	0,089	FALSE
-0,038	0,310	-0,002	0,013	0,058	FALSE
0,028	0,305	0,000	0,007	0,012	FALSE
0,055	0,312	0,002	0,007	0,088	FALSE
-0,040	0,304	0,000	0,007	0,025	FALSE
0,002	0,308	0,000	0,007	0,009	FALSE
0,057	0,303	0,001	0,008	0,045	FALSE
0,005	0,293	0,001	0,009	0,025	FALSE
-0,054	0,303	-0,002	0,012	0,049	FALSE
-0,066	0,306	-0,002	0,012	0,071	FALSE
-0,059	0,315	-0,002	0,007	0,086	FALSE
-0,123	0,306	-0,004	0,009	0,160	FALSE
0,143	0,302	0,004	0,006	0,251	FALSE
-0,075	0,317	-0,002	0,009	0,074	FALSE
-0,163	0,311	-0,004	0,009	0,208	FALSE
-0,073	0,307	-0,003	0,010	0,119	FALSE
0,088	0,298	0,002	0,007	0,143	FALSE
-0,047	0,323	-0,001	0,011	0,045	FALSE
0,091	0,293	0,002	0,007	0,098	FALSE
0,012	0,311	0,001	0,012	0,033	FALSE
-0,031	0,317	-0,001	0,007	0,041	FALSE
-0,076	0,295	-0,002	0,010	0,074	FALSE
-0,093	0,304	-0,002	0,010	0,087	FALSE
-0,084	0,302	-0,002	0,011	0,080	FALSE
-0,020	0,325	0,000	0,011	0,001	FALSE
0,142	0,313	0,005	0,011	0,179	FALSE
-0,029	0,303	-0,001	0,012	0,032	FALSE
0,009	0,299	0,000	0,007	0,016	FALSE
-0,095	0,309	-0,002	0,006	0,098	FALSE
-0,092	0,318	-0,002	0,007	0,101	FALSE
-0,076	0,296	-0,003	0,009	0,137	FALSE
-0,029	0,316	-0,001	0,012	0,036	FALSE
0,080	0,293	0,005	0,012	0,147	FALSE
0,113	0,297	0,005	0,010	0,189	FALSE
0,001	0,310	0,001	0,007	0,043	FALSE
0,062	0,292	0,002	0,007	0,102	FALSE
0,062	0,290	0,001	0,006	0,082	FALSE
-0,100	0,305	-0,004	0,012	0,111	FALSE
-0,053	0,314	-0,001	0,008	0,046	FALSE
0,017	0,301	0,000	0,008	0,015	FALSE
0,065	0,300	0,002	0,007	0,096	FALSE
-0,111	0,318	-0,002	0,006	0,133	FALSE
-0,073	0,300	-0,002	0,012	0,076	FALSE
-0,168	0,298	-0,005	0,010	0,235	FALSE

-0,152	0,306	-0,004	0,008	0,196	FALSE
0,097	0,289	0,002	0,009	0,092	FALSE
-0,082	0,298	-0,003	0,008	0,151	FALSE
-0,049	0,316	-0,001	0,007	0,061	FALSE
0,013	0,307	0,001	0,008	0,026	FALSE
0,093	0,308	0,003	0,010	0,121	FALSE
-0,041	0,308	-0,001	0,012	0,047	FALSE
-0,040	0,321	-0,002	0,010	0,059	FALSE
-0,054	0,311	-0,001	0,008	0,049	FALSE
-0,053	0,308	-0,001	0,008	0,045	FALSE
-0,049	0,300	-0,001	0,008	0,040	FALSE
-0,035	0,318	-0,001	0,009	0,027	FALSE
-0,065	0,310	-0,001	0,008	0,051	FALSE
-0,066	0,294	-0,001	0,007	0,075	FALSE
-0,060	0,310	-0,003	0,012	0,091	FALSE
-0,088	0,303	-0,003	0,009	0,118	FALSE
-0,050	0,306	-0,002	0,012	0,064	FALSE
-0,110	0,302	-0,005	0,013	0,143	FALSE
0,079	0,314	0,002	0,010	0,089	FALSE
0,039	0,316	0,001	0,010	0,048	FALSE
0,020	0,293	0,001	0,012	0,034	FALSE
-0,016	0,311	0,000	0,009	0,008	FALSE
-0,072	0,306	-0,003	0,012	0,103	FALSE
0,030	0,312	0,000	0,012	0,002	FALSE
0,000	0,319	0,000	0,012	0,011	FALSE
0,081	0,302	0,003	0,010	0,103	FALSE
-0,007	0,311	0,000	0,009	0,015	FALSE
-0,016	0,315	-0,001	0,013	0,019	FALSE
-0,023	0,310	-0,001	0,010	0,048	FALSE
0,055	0,308	0,001	0,007	0,043	FALSE
-0,023	0,300	-0,001	0,008	0,032	FALSE
-0,085	0,316	-0,003	0,010	0,123	FALSE
-0,044	0,303	-0,001	0,007	0,047	FALSE
0,087	0,296	0,002	0,008	0,108	FALSE
0,010	0,300	0,000	0,006	0,019	FALSE
-0,015	0,303	-0,001	0,006	0,054	FALSE
-0,075	0,298	-0,002	0,006	0,102	FALSE
0,108	0,311	0,004	0,010	0,174	FALSE
-0,090	0,303	-0,003	0,009	0,142	FALSE
-0,061	0,309	-0,002	0,011	0,068	FALSE
0,179	0,294	0,004	0,007	0,247	FALSE
0,135	0,306	0,007	0,013	0,238	FALSE
-0,028	0,309	0,000	0,011	0,007	FALSE
0,025	0,315	0,001	0,012	0,024	FALSE
-0,022	0,314	-0,002	0,012	0,046	FALSE
0,011	0,320	0,000	0,010	0,017	FALSE
-0,082	0,303	-0,002	0,007	0,099	FALSE
0,044	0,314	0,001	0,007	0,029	FALSE
0,094	0,307	0,003	0,008	0,148	FALSE
0,115	0,303	0,003	0,009	0,140	FALSE
-0,029	0,323	0,000	0,012	0,014	FALSE
0,025	0,313	0,001	0,009	0,039	FALSE
0,006	0,304	0,000	0,008	0,013	FALSE

0,081	0,305	0,002	0,007	0,121	FALSE
0,033	0,294	0,001	0,010	0,044	FALSE
-0,043	0,316	-0,001	0,007	0,049	FALSE
-0,069	0,298	-0,003	0,010	0,100	FALSE
-0,045	0,314	-0,002	0,012	0,061	FALSE
-0,115	0,310	-0,002	0,007	0,145	FALSE
-0,087	0,305	-0,002	0,007	0,098	FALSE
-0,071	0,301	-0,002	0,007	0,091	FALSE
-0,076	0,302	-0,003	0,012	0,114	FALSE
-0,049	0,302	-0,003	0,013	0,084	FALSE
0,172	0,302	0,007	0,013	0,236	FALSE
-0,040	0,311	-0,001	0,007	0,048	FALSE
-0,047	0,299	-0,001	0,012	0,031	FALSE
-0,024	0,307	0,000	0,012	0,006	FALSE
0,067	0,299	0,002	0,008	0,104	FALSE
0,007	0,317	0,000	0,012	0,008	FALSE
-0,085	0,308	-0,002	0,007	0,120	FALSE
-0,028	0,316	-0,001	0,010	0,025	FALSE
0,180	0,316	0,005	0,008	0,262	FALSE
-0,073	0,311	-0,003	0,012	0,082	FALSE
0,020	0,305	0,001	0,006	0,030	FALSE
-0,066	0,316	-0,001	0,007	0,068	FALSE
-0,052	0,304	0,000	0,007	0,015	FALSE
-0,011	0,294	-0,001	0,011	0,026	FALSE
0,097	0,296	0,005	0,012	0,163	FALSE
-0,090	0,297	-0,002	0,007	0,128	FALSE
-0,021	0,312	-0,001	0,013	0,026	FALSE
-0,142	0,317	-0,004	0,009	0,170	FALSE
-0,011	0,302	0,000	0,010	0,018	FALSE
-0,027	0,319	-0,001	0,012	0,030	FALSE
0,033	0,319	0,000	0,007	0,008	FALSE
0,141	0,313	0,006	0,013	0,199	FALSE
0,006	0,326	0,000	0,010	0,011	FALSE
-0,006	0,307	0,000	0,007	0,001	FALSE
0,101	0,307	0,005	0,013	0,159	FALSE
-0,006	0,310	-0,001	0,008	0,037	FALSE
-0,041	0,317	0,000	0,008	0,013	FALSE
-0,021	0,282	0,000	0,008	0,012	FALSE
0,041	0,295	0,001	0,008	0,041	FALSE
0,090	0,320	0,002	0,007	0,083	FALSE
0,004	0,325	0,000	0,010	0,015	FALSE
0,051	0,321	0,002	0,013	0,069	FALSE
0,039	0,320	0,001	0,012	0,040	FALSE
0,057	0,299	0,001	0,009	0,058	FALSE
0,004	0,306	0,001	0,011	0,022	FALSE
0,081	0,307	0,002	0,010	0,085	FALSE
0,022	0,307	0,000	0,007	0,002	FALSE
0,115	0,314	0,002	0,008	0,119	FALSE
-0,057	0,312	-0,002	0,012	0,063	FALSE
0,076	0,312	0,002	0,007	0,104	FALSE
-0,024	0,293	0,000	0,012	0,009	FALSE
0,023	0,305	0,001	0,007	0,059	FALSE
-0,004	0,315	0,000	0,013	0,005	FALSE

-0,035	0,301	-0,001	0,007	0,035	FALSE
0,051	0,317	0,002	0,008	0,084	FALSE
-0,030	0,327	0,000	0,010	0,006	FALSE
0,046	0,298	0,001	0,007	0,076	FALSE
-0,061	0,319	-0,001	0,007	0,076	FALSE
-0,059	0,302	-0,001	0,006	0,076	FALSE
0,127	0,307	0,003	0,007	0,166	FALSE
-0,053	0,312	-0,001	0,010	0,048	FALSE
-0,060	0,313	-0,001	0,007	0,068	FALSE
0,043	0,304	0,002	0,007	0,095	FALSE
-0,068	0,302	-0,002	0,009	0,102	FALSE
-0,009	0,307	0,000	0,007	0,009	FALSE
0,045	0,289	0,000	0,008	0,022	FALSE
0,052	0,296	0,001	0,012	0,040	FALSE
-0,102	0,312	-0,002	0,007	0,100	FALSE
-0,029	0,313	-0,001	0,010	0,020	FALSE
-0,139	0,300	-0,004	0,009	0,166	FALSE
-0,011	0,299	0,000	0,009	0,004	FALSE
0,044	0,317	0,001	0,009	0,045	FALSE
-0,004	0,299	0,000	0,013	0,008	FALSE
-0,023	0,305	-0,001	0,013	0,024	FALSE
0,081	0,302	0,003	0,008	0,147	FALSE
0,020	0,304	0,001	0,007	0,054	FALSE
-0,099	0,317	-0,003	0,010	0,117	FALSE
0,167	0,273	0,005	0,008	0,258	FALSE
0,166	0,287	0,005	0,009	0,228	FALSE
-0,183	0,316	-0,004	0,007	0,248	FALSE
0,072	0,310	0,002	0,013	0,059	FALSE
0,035	0,304	0,002	0,011	0,060	FALSE
0,073	0,298	0,002	0,008	0,118	FALSE
-0,064	0,304	-0,002	0,009	0,111	FALSE
0,002	0,303	0,000	0,009	0,012	FALSE
-0,042	0,321	-0,001	0,013	0,033	FALSE
0,065	0,313	0,002	0,007	0,093	FALSE
-0,003	0,295	-0,001	0,007	0,037	FALSE
0,084	0,307	0,002	0,006	0,115	FALSE
0,077	0,309	0,002	0,009	0,076	FALSE
-0,008	0,310	-0,001	0,013	0,019	FALSE
-0,045	0,308	-0,002	0,013	0,064	FALSE
0,003	0,321	0,001	0,009	0,029	FALSE
0,022	0,309	0,001	0,010	0,027	FALSE
0,028	0,317	0,001	0,007	0,038	FALSE
-0,042	0,296	-0,001	0,012	0,020	FALSE
0,128	0,311	0,006	0,012	0,197	FALSE
-0,118	0,316	-0,005	0,013	0,157	FALSE
-0,024	0,312	-0,001	0,012	0,035	FALSE
0,173	0,301	0,007	0,011	0,277	FALSE
-0,058	0,315	-0,002	0,009	0,091	FALSE
-0,092	0,303	-0,004	0,011	0,135	FALSE
-0,146	0,311	-0,006	0,013	0,204	FALSE
-0,140	0,308	-0,007	0,013	0,223	FALSE
0,005	0,309	0,000	0,008	0,002	FALSE
0,048	0,295	0,001	0,008	0,072	FALSE

-0,075	0,318	-0,002	0,010	0,093	FALSE
-0,033	0,301	-0,001	0,008	0,022	FALSE
-0,038	0,304	-0,001	0,009	0,041	FALSE
-0,034	0,308	-0,002	0,013	0,057	FALSE
0,012	0,302	0,000	0,007	0,002	FALSE
0,028	0,298	0,001	0,010	0,050	FALSE
0,163	0,318	0,007	0,013	0,230	FALSE
-0,083	0,313	-0,002	0,009	0,088	FALSE
0,009	0,298	-0,001	0,012	0,017	FALSE
-0,001	0,307	0,001	0,007	0,029	FALSE
0,034	0,308	0,001	0,010	0,052	FALSE
0,012	0,317	0,001	0,011	0,044	FALSE
-0,059	0,309	-0,002	0,008	0,085	FALSE
0,100	0,313	0,002	0,007	0,118	FALSE
0,040	0,309	0,002	0,008	0,088	FALSE
-0,015	0,308	0,000	0,007	0,003	FALSE
-0,032	0,309	0,000	0,011	0,013	FALSE
0,048	0,313	0,001	0,006	0,069	FALSE
0,096	0,316	0,004	0,013	0,138	FALSE
-0,148	0,309	-0,006	0,013	0,195	FALSE
-0,024	0,306	-0,001	0,008	0,033	FALSE
-0,001	0,300	0,000	0,008	0,007	FALSE
0,024	0,320	0,001	0,008	0,025	FALSE
-0,067	0,299	-0,002	0,008	0,094	FALSE
-0,107	0,314	-0,003	0,008	0,149	FALSE
0,045	0,321	0,001	0,007	0,043	FALSE
0,107	0,305	0,002	0,006	0,122	FALSE
-0,060	0,311	-0,002	0,011	0,076	FALSE
-0,099	0,311	-0,003	0,008	0,141	FALSE
-0,042	0,312	-0,001	0,007	0,050	FALSE
0,006	0,315	0,000	0,010	0,002	FALSE
-0,011	0,297	0,000	0,007	0,002	FALSE
0,011	0,315	0,001	0,012	0,019	FALSE
-0,034	0,305	-0,001	0,010	0,051	FALSE
0,092	0,318	0,002	0,007	0,138	FALSE
0,129	0,308	0,004	0,009	0,151	FALSE
-0,060	0,310	-0,001	0,009	0,060	FALSE
0,038	0,315	0,001	0,008	0,049	FALSE
-0,025	0,308	0,000	0,008	0,012	FALSE
-0,084	0,305	-0,003	0,012	0,111	FALSE
-0,002	0,313	0,000	0,007	0,005	FALSE
0,069	0,308	0,003	0,008	0,123	FALSE
0,079	0,308	0,001	0,006	0,069	FALSE
0,073	0,313	0,002	0,008	0,100	FALSE
-0,156	0,319	-0,005	0,010	0,234	FALSE
0,019	0,307	0,000	0,008	0,022	FALSE
0,040	0,310	0,000	0,006	0,023	FALSE
-0,038	0,306	0,000	0,006	0,017	FALSE
-0,039	0,301	0,000	0,007	0,014	FALSE
0,106	0,316	0,003	0,007	0,150	FALSE
0,077	0,297	0,002	0,007	0,117	FALSE
0,098	0,296	0,004	0,012	0,126	FALSE
0,032	0,312	0,002	0,009	0,072	FALSE

-0,100	0,317	-0,002	0,007	0,112	FALSE
-0,001	0,309	-0,001	0,008	0,025	FALSE
-0,089	0,294	-0,002	0,009	0,094	FALSE
0,104	0,296	0,005	0,010	0,200	FALSE
-0,097	0,296	-0,003	0,008	0,145	FALSE
-0,046	0,305	-0,001	0,008	0,067	FALSE
-0,103	0,308	-0,003	0,008	0,161	FALSE
-0,003	0,322	0,000	0,013	0,012	FALSE
0,095	0,289	0,003	0,010	0,131	FALSE
0,118	0,298	0,005	0,012	0,152	FALSE
-0,017	0,300	0,000	0,010	0,009	FALSE
0,073	0,307	0,002	0,007	0,129	FALSE
0,062	0,289	0,002	0,011	0,084	FALSE
0,070	0,322	0,004	0,013	0,108	FALSE
-0,059	0,315	-0,003	0,009	0,109	FALSE
-0,008	0,309	0,000	0,010	0,001	FALSE
0,010	0,305	0,000	0,011	0,001	FALSE
0,030	0,304	0,001	0,007	0,038	FALSE
0,010	0,320	0,000	0,007	0,006	FALSE
0,059	0,306	0,002	0,011	0,080	FALSE
-0,120	0,304	-0,003	0,009	0,158	FALSE
-0,038	0,319	-0,001	0,012	0,030	FALSE
0,123	0,312	0,006	0,012	0,194	FALSE
0,036	0,306	0,001	0,007	0,033	FALSE
-0,004	0,303	0,000	0,010	0,004	FALSE
0,047	0,304	0,001	0,011	0,046	FALSE
0,028	0,313	0,001	0,011	0,031	FALSE
0,093	0,295	0,002	0,007	0,105	FALSE
0,001	0,302	-0,001	0,013	0,023	FALSE
-0,021	0,306	0,000	0,006	0,009	FALSE
-0,152	0,310	-0,006	0,011	0,228	FALSE
-0,151	0,306	-0,005	0,010	0,223	FALSE
0,144	0,302	0,004	0,008	0,217	FALSE
-0,067	0,306	-0,003	0,013	0,099	FALSE
-0,023	0,318	-0,001	0,013	0,016	FALSE
0,084	0,321	0,003	0,012	0,099	FALSE
-0,034	0,327	-0,001	0,008	0,035	FALSE
0,073	0,308	0,003	0,012	0,083	FALSE
-0,091	0,298	-0,003	0,009	0,133	FALSE
0,071	0,308	0,003	0,011	0,095	FALSE
-0,030	0,305	-0,001	0,006	0,046	FALSE
0,037	0,325	0,001	0,007	0,078	FALSE
-0,003	0,302	0,000	0,006	0,003	FALSE
-0,058	0,310	-0,002	0,009	0,083	FALSE
0,105	0,309	0,003	0,010	0,122	FALSE
-0,017	0,304	0,000	0,007	0,020	FALSE
-0,076	0,301	-0,002	0,008	0,075	FALSE
-0,056	0,306	-0,002	0,012	0,049	FALSE
0,059	0,308	0,004	0,012	0,122	FALSE
0,177	0,314	0,004	0,007	0,260	FALSE
-0,066	0,300	-0,002	0,007	0,082	FALSE
0,068	0,306	0,001	0,010	0,053	FALSE
0,034	0,316	0,002	0,013	0,061	FALSE

-0,003	0,311	0,000	0,009	0,007	FALSE
0,071	0,309	0,002	0,009	0,086	FALSE
0,052	0,315	0,001	0,012	0,044	FALSE
-0,095	0,317	-0,003	0,011	0,114	FALSE
0,186	0,288	0,006	0,008	0,302	FALSE
0,127	0,316	0,005	0,012	0,159	FALSE
-0,049	0,293	-0,003	0,012	0,098	FALSE
-0,046	0,288	-0,001	0,010	0,035	FALSE
-0,056	0,299	-0,001	0,011	0,042	FALSE
-0,041	0,309	-0,001	0,009	0,046	FALSE
-0,029	0,305	-0,001	0,009	0,029	FALSE
0,003	0,298	0,000	0,007	0,003	FALSE
0,022	0,309	0,001	0,008	0,030	FALSE
0,016	0,293	0,000	0,007	0,009	FALSE
0,032	0,315	0,001	0,009	0,042	FALSE
-0,085	0,282	-0,004	0,012	0,141	FALSE
-0,111	0,317	-0,005	0,012	0,146	FALSE
-0,037	0,301	-0,002	0,010	0,062	FALSE
-0,068	0,311	-0,002	0,008	0,101	FALSE
0,054	0,300	0,001	0,009	0,050	FALSE
0,000	0,305	0,000	0,007	0,009	FALSE
0,016	0,301	0,002	0,012	0,053	FALSE
0,072	0,307	0,003	0,009	0,115	FALSE
0,035	0,302	0,001	0,011	0,046	FALSE
-0,168	0,326	-0,005	0,010	0,221	FALSE
-0,094	0,311	-0,004	0,013	0,111	FALSE
0,047	0,297	0,002	0,008	0,097	FALSE
0,002	0,312	0,000	0,010	0,009	FALSE
-0,006	0,296	0,000	0,007	0,004	FALSE
0,003	0,308	0,001	0,012	0,022	FALSE
-0,053	0,288	-0,001	0,007	0,078	FALSE
-0,039	0,299	-0,001	0,006	0,038	FALSE
0,011	0,294	0,001	0,010	0,036	FALSE
-0,103	0,322	-0,002	0,007	0,108	FALSE
0,093	0,306	0,003	0,009	0,139	FALSE
-0,001	0,318	0,000	0,012	0,011	FALSE
0,079	0,300	0,003	0,012	0,106	FALSE
0,015	0,307	0,000	0,013	0,000	FALSE
0,070	0,308	0,003	0,012	0,098	FALSE
-0,067	0,311	-0,001	0,007	0,078	FALSE
-0,114	0,304	-0,006	0,012	0,190	FALSE
-0,048	0,322	-0,002	0,012	0,048	FALSE
0,051	0,308	0,001	0,012	0,037	FALSE
-0,038	0,312	-0,002	0,012	0,063	FALSE
-0,004	0,313	0,001	0,011	0,017	FALSE
-0,111	0,299	-0,003	0,007	0,150	FALSE
-0,078	0,320	-0,001	0,007	0,071	FALSE
0,007	0,304	0,000	0,007	0,011	FALSE
-0,014	0,302	0,000	0,008	0,012	FALSE
0,011	0,293	0,001	0,007	0,043	FALSE
-0,017	0,309	-0,001	0,009	0,030	FALSE
0,124	0,305	0,004	0,010	0,160	FALSE
-0,017	0,304	0,000	0,006	0,019	FALSE

0,029	0,307	0,001	0,012	0,032	FALSE
-0,136	0,294	-0,003	0,007	0,179	FALSE
0,074	0,308	0,002	0,008	0,082	FALSE
-0,116	0,322	-0,002	0,007	0,141	FALSE
0,096	0,314	0,002	0,008	0,111	FALSE
-0,013	0,321	-0,001	0,012	0,020	FALSE
0,148	0,298	0,003	0,007	0,189	FALSE
0,022	0,300	0,000	0,006	0,013	FALSE
0,022	0,300	0,000	0,012	0,000	FALSE
0,001	0,327	-0,001	0,009	0,024	FALSE
0,044	0,319	0,001	0,009	0,033	FALSE
-0,052	0,308	-0,001	0,009	0,025	FALSE
-0,118	0,328	-0,004	0,012	0,137	FALSE
0,024	0,314	0,001	0,011	0,026	FALSE
-0,042	0,303	-0,002	0,009	0,084	FALSE
0,058	0,309	0,001	0,009	0,046	FALSE
0,005	0,318	-0,001	0,010	0,021	FALSE
0,141	0,309	0,003	0,007	0,205	FALSE
0,112	0,309	0,003	0,007	0,185	FALSE
0,048	0,319	0,001	0,007	0,043	FALSE
-0,011	0,315	-0,001	0,009	0,024	FALSE
0,067	0,288	0,003	0,011	0,091	FALSE
0,100	0,302	0,003	0,007	0,173	FALSE
-0,092	0,294	-0,002	0,006	0,116	FALSE
0,002	0,297	0,000	0,010	0,006	FALSE
0,056	0,305	0,003	0,012	0,078	FALSE
0,047	0,316	0,001	0,011	0,047	FALSE
-0,010	0,307	0,001	0,012	0,021	FALSE
0,054	0,299	0,001	0,009	0,047	FALSE
-0,016	0,309	0,001	0,012	0,020	FALSE
-0,009	0,295	0,000	0,011	0,011	FALSE
-0,025	0,323	0,000	0,012	0,008	FALSE
-0,124	0,314	-0,003	0,007	0,186	FALSE
0,003	0,308	0,000	0,009	0,012	FALSE
-0,057	0,307	-0,003	0,011	0,107	FALSE
0,117	0,293	0,003	0,007	0,206	FALSE
-0,100	0,307	-0,002	0,006	0,135	FALSE
0,059	0,316	0,002	0,011	0,064	FALSE
0,058	0,307	0,002	0,011	0,074	FALSE
-0,031	0,306	-0,001	0,008	0,060	FALSE
0,036	0,313	0,001	0,008	0,048	FALSE
-0,001	0,312	0,000	0,010	0,008	FALSE
-0,022	0,315	0,000	0,012	0,004	FALSE
-0,070	0,304	-0,002	0,010	0,086	FALSE
0,010	0,299	0,001	0,008	0,024	FALSE
0,129	0,308	0,004	0,010	0,164	FALSE
-0,201	0,307	-0,009	0,013	0,315	FALSE
-0,039	0,314	-0,001	0,008	0,044	FALSE
-0,078	0,302	-0,002	0,008	0,117	FALSE
0,007	0,305	0,000	0,010	0,016	FALSE
0,039	0,319	0,001	0,007	0,052	FALSE
-0,041	0,301	-0,001	0,007	0,060	FALSE
0,068	0,307	0,002	0,010	0,084	FALSE

-0,054	0,318	-0,002	0,008	0,093	FALSE
0,001	0,304	0,000	0,008	0,009	FALSE
-0,142	0,311	-0,006	0,012	0,212	FALSE
0,093	0,308	0,002	0,007	0,104	FALSE
-0,049	0,336	-0,002	0,011	0,053	FALSE
-0,046	0,319	-0,001	0,008	0,041	FALSE
0,100	0,317	0,003	0,012	0,111	FALSE
0,030	0,308	0,000	0,007	0,001	FALSE
-0,051	0,308	-0,003	0,012	0,090	FALSE
0,021	0,302	0,001	0,006	0,057	FALSE
0,002	0,321	0,000	0,007	0,015	FALSE
0,149	0,306	0,004	0,007	0,237	FALSE
0,003	0,302	0,001	0,012	0,017	FALSE
-0,106	0,300	-0,002	0,007	0,108	FALSE
0,106	0,297	0,003	0,013	0,083	FALSE
-0,081	0,294	-0,002	0,007	0,085	FALSE
0,067	0,311	0,002	0,007	0,129	FALSE
0,071	0,306	0,001	0,007	0,071	FALSE
-0,123	0,307	-0,003	0,007	0,181	FALSE
-0,184	0,305	-0,006	0,010	0,282	FALSE
-0,135	0,305	-0,003	0,007	0,173	FALSE
0,090	0,302	0,003	0,009	0,144	FALSE
-0,148	0,314	-0,004	0,008	0,218	FALSE
-0,042	0,302	-0,001	0,007	0,047	FALSE
0,016	0,299	0,000	0,012	0,006	FALSE
0,071	0,308	0,002	0,007	0,097	FALSE
-0,095	0,311	-0,004	0,012	0,114	FALSE
0,104	0,303	0,003	0,008	0,158	FALSE
0,049	0,322	0,001	0,013	0,037	FALSE
-0,039	0,315	-0,001	0,012	0,025	FALSE
0,064	0,314	0,002	0,008	0,088	FALSE
-0,086	0,311	-0,003	0,008	0,156	FALSE
0,011	0,300	0,001	0,009	0,047	FALSE
0,018	0,292	0,000	0,010	0,017	FALSE
-0,066	0,301	-0,001	0,007	0,074	FALSE
-0,056	0,316	-0,002	0,007	0,101	FALSE
-0,058	0,295	-0,002	0,010	0,081	FALSE
-0,069	0,314	-0,001	0,007	0,055	FALSE
0,062	0,323	0,002	0,007	0,091	FALSE
0,040	0,297	0,001	0,012	0,038	FALSE
0,010	0,303	0,001	0,007	0,037	FALSE
0,008	0,316	0,001	0,010	0,022	FALSE
0,030	0,317	0,001	0,009	0,034	FALSE
0,035	0,307	0,001	0,006	0,075	FALSE
0,003	0,320	0,001	0,009	0,024	FALSE
-0,018	0,301	-0,001	0,007	0,037	FALSE
0,059	0,318	0,002	0,008	0,077	FALSE
0,144	0,306	0,005	0,008	0,255	FALSE
0,026	0,324	0,000	0,006	0,016	FALSE
0,098	0,303	0,003	0,007	0,159	FALSE
-0,054	0,312	-0,001	0,007	0,079	FALSE
0,167	0,297	0,005	0,009	0,234	FALSE
0,012	0,316	0,001	0,013	0,022	FALSE

0,070	0,312	0,003	0,013	0,093	FALSE
-0,017	0,311	0,000	0,012	0,004	FALSE
0,111	0,298	0,004	0,010	0,149	FALSE
0,016	0,300	0,001	0,007	0,039	FALSE
-0,005	0,322	-0,001	0,011	0,022	FALSE
-0,034	0,304	-0,001	0,008	0,043	FALSE
0,079	0,306	0,002	0,012	0,072	FALSE
0,044	0,295	0,001	0,012	0,044	FALSE
-0,031	0,299	-0,002	0,012	0,047	FALSE
0,009	0,306	0,000	0,008	0,003	FALSE
-0,021	0,310	-0,001	0,007	0,038	FALSE
0,006	0,297	0,000	0,007	0,017	FALSE
-0,022	0,307	-0,001	0,007	0,031	FALSE
-0,007	0,307	0,000	0,007	0,014	FALSE
-0,035	0,311	-0,001	0,006	0,060	FALSE
-0,025	0,312	-0,001	0,009	0,040	FALSE
-0,046	0,302	-0,001	0,007	0,045	FALSE
0,108	0,302	0,002	0,007	0,111	FALSE
0,052	0,303	0,001	0,007	0,028	FALSE
-0,051	0,317	-0,003	0,013	0,085	FALSE
-0,066	0,317	-0,002	0,012	0,075	FALSE
-0,077	0,298	-0,004	0,012	0,135	FALSE
0,047	0,307	0,001	0,008	0,064	FALSE
0,038	0,300	0,001	0,007	0,064	FALSE
-0,073	0,305	-0,002	0,006	0,099	FALSE
0,068	0,302	0,002	0,012	0,074	FALSE
0,051	0,316	0,003	0,012	0,079	FALSE
0,044	0,317	0,001	0,013	0,041	FALSE
0,104	0,312	0,004	0,012	0,147	FALSE
0,083	0,307	0,003	0,012	0,110	FALSE
0,071	0,318	0,003	0,012	0,093	FALSE
0,076	0,309	0,003	0,013	0,101	FALSE
0,042	0,315	0,001	0,007	0,042	FALSE
-0,027	0,303	-0,001	0,007	0,056	FALSE
-0,118	0,302	-0,005	0,013	0,164	FALSE
-0,074	0,308	-0,002	0,011	0,069	FALSE
-0,115	0,320	-0,005	0,012	0,155	FALSE
-0,027	0,304	-0,001	0,011	0,046	FALSE
-0,100	0,297	-0,002	0,007	0,135	FALSE
0,019	0,304	0,001	0,009	0,021	FALSE
-0,008	0,311	0,000	0,007	0,010	FALSE
0,013	0,315	0,001	0,012	0,035	FALSE
0,011	0,307	0,000	0,010	0,005	FALSE
-0,012	0,319	0,000	0,008	0,006	FALSE
0,146	0,315	0,004	0,010	0,158	FALSE
0,037	0,299	0,000	0,008	0,020	FALSE
-0,030	0,305	-0,001	0,009	0,061	FALSE
-0,024	0,298	0,000	0,013	0,004	FALSE
-0,005	0,318	0,000	0,007	0,021	FALSE
-0,124	0,299	-0,005	0,012	0,179	FALSE
-0,071	0,315	-0,001	0,007	0,070	FALSE
0,035	0,319	0,001	0,013	0,031	FALSE
0,043	0,302	0,002	0,013	0,049	FALSE

-0,110	0,317	-0,003	0,009	0,115	FALSE
0,014	0,309	0,001	0,010	0,055	FALSE
-0,017	0,316	-0,001	0,010	0,029	FALSE
-0,009	0,316	-0,001	0,009	0,021	FALSE
0,037	0,308	0,002	0,013	0,058	FALSE
0,071	0,321	0,003	0,009	0,106	FALSE
0,049	0,311	0,002	0,009	0,074	FALSE
0,083	0,314	0,002	0,007	0,112	FALSE
0,075	0,304	0,002	0,012	0,072	FALSE
-0,028	0,300	-0,001	0,008	0,029	FALSE
-0,071	0,313	-0,003	0,011	0,116	FALSE
-0,077	0,319	-0,004	0,012	0,120	FALSE
0,009	0,314	0,000	0,008	0,005	FALSE
0,141	0,316	0,004	0,010	0,160	FALSE
-0,059	0,321	-0,002	0,012	0,056	FALSE
-0,063	0,306	-0,002	0,008	0,078	FALSE
-0,033	0,320	-0,001	0,007	0,049	FALSE
-0,070	0,309	-0,003	0,012	0,098	FALSE
-0,029	0,304	-0,001	0,009	0,043	FALSE
-0,064	0,307	-0,001	0,007	0,064	FALSE
-0,081	0,309	-0,003	0,012	0,085	FALSE
0,021	0,305	0,001	0,009	0,052	FALSE
0,058	0,309	0,002	0,008	0,107	FALSE
0,030	0,316	0,001	0,010	0,025	FALSE
0,033	0,306	0,001	0,013	0,034	FALSE
-0,108	0,302	-0,005	0,012	0,166	FALSE
0,067	0,301	0,002	0,009	0,097	FALSE
-0,116	0,319	-0,005	0,012	0,150	FALSE
0,217	0,303	0,005	0,007	0,325	FALSE
-0,003	0,306	0,000	0,011	0,009	FALSE
-0,036	0,309	-0,001	0,006	0,036	FALSE
-0,020	0,312	0,000	0,009	0,014	FALSE
0,041	0,304	0,001	0,008	0,060	FALSE
-0,052	0,291	-0,001	0,007	0,066	FALSE
0,099	0,312	0,004	0,011	0,142	FALSE
-0,038	0,297	-0,001	0,006	0,070	FALSE
0,078	0,314	0,002	0,007	0,118	FALSE
-0,023	0,296	-0,001	0,007	0,053	FALSE
0,145	0,313	0,003	0,008	0,187	FALSE
-0,123	0,323	-0,003	0,009	0,148	FALSE
0,063	0,307	0,002	0,008	0,072	FALSE
-0,098	0,305	-0,005	0,013	0,146	FALSE
-0,116	0,314	-0,002	0,007	0,119	FALSE
0,028	0,298	0,001	0,013	0,043	FALSE
-0,008	0,307	0,000	0,008	0,020	FALSE
-0,054	0,312	-0,002	0,011	0,083	FALSE
0,063	0,305	0,002	0,007	0,092	FALSE
-0,104	0,311	-0,003	0,009	0,139	FALSE
0,010	0,301	0,001	0,007	0,041	FALSE
-0,047	0,307	-0,001	0,009	0,060	FALSE
0,009	0,301	0,001	0,010	0,024	FALSE
0,092	0,303	0,004	0,011	0,154	FALSE
-0,002	0,317	-0,001	0,008	0,025	FALSE

0,036	0,301	0,002	0,009	0,073	FALSE
0,066	0,309	0,001	0,007	0,069	FALSE
0,072	0,294	0,001	0,007	0,085	FALSE
-0,010	0,302	-0,001	0,007	0,027	FALSE
-0,053	0,307	-0,002	0,012	0,079	FALSE
0,099	0,310	0,003	0,009	0,115	FALSE
0,010	0,314	0,001	0,010	0,043	FALSE
-0,079	0,313	-0,002	0,007	0,112	FALSE
0,016	0,292	0,001	0,009	0,031	FALSE
0,013	0,299	0,001	0,009	0,037	FALSE
-0,006	0,321	0,000	0,008	0,020	FALSE
0,029	0,311	0,002	0,011	0,052	FALSE
-0,022	0,305	-0,001	0,009	0,024	FALSE
0,039	0,285	0,002	0,011	0,050	FALSE
0,122	0,305	0,005	0,011	0,177	FALSE
-0,087	0,320	-0,002	0,007	0,098	FALSE
-0,027	0,299	-0,001	0,010	0,025	FALSE
-0,077	0,305	-0,002	0,009	0,085	FALSE
-0,014	0,307	0,000	0,011	0,003	FALSE
0,072	0,292	0,001	0,007	0,072	FALSE
-0,109	0,307	-0,003	0,008	0,160	FALSE
0,096	0,292	0,004	0,012	0,134	FALSE
-0,015	0,294	0,001	0,009	0,033	FALSE
-0,097	0,307	-0,002	0,007	0,126	FALSE
0,029	0,307	0,001	0,012	0,021	FALSE
0,031	0,295	0,001	0,011	0,048	FALSE
0,053	0,305	0,001	0,007	0,066	FALSE
-0,109	0,304	-0,003	0,007	0,147	FALSE
0,116	0,316	0,003	0,008	0,141	FALSE
0,020	0,288	0,001	0,009	0,030	FALSE
0,047	0,298	0,002	0,012	0,065	FALSE
0,037	0,312	0,001	0,008	0,053	FALSE
-0,025	0,313	-0,001	0,013	0,036	FALSE
0,028	0,307	0,001	0,012	0,036	FALSE
0,070	0,305	0,003	0,011	0,093	FALSE
0,033	0,309	0,001	0,009	0,052	FALSE
0,039	0,326	0,001	0,013	0,033	FALSE
0,058	0,305	0,003	0,013	0,101	FALSE
0,009	0,298	0,000	0,008	0,017	FALSE
-0,059	0,302	-0,003	0,012	0,107	FALSE
-0,057	0,303	-0,004	0,013	0,116	FALSE
-0,073	0,300	-0,003	0,013	0,082	FALSE
-0,009	0,302	0,000	0,011	0,015	FALSE
-0,010	0,299	0,000	0,011	0,011	FALSE
-0,129	0,307	-0,004	0,010	0,161	FALSE
-0,007	0,316	0,000	0,008	0,016	FALSE
0,013	0,300	0,000	0,007	0,001	FALSE
0,044	0,292	0,002	0,008	0,078	FALSE
-0,099	0,311	-0,002	0,006	0,114	FALSE
-0,149	0,310	-0,007	0,012	0,245	FALSE
-0,090	0,315	-0,002	0,006	0,105	FALSE
-0,085	0,316	-0,001	0,006	0,081	FALSE
0,076	0,298	0,003	0,009	0,132	FALSE

0,064	0,296	0,002	0,008	0,114	FALSE
-0,095	0,310	-0,003	0,009	0,143	FALSE
-0,081	0,286	-0,002	0,008	0,116	FALSE
0,082	0,311	0,002	0,009	0,100	FALSE
0,071	0,297	0,002	0,009	0,102	FALSE
0,019	0,314	0,001	0,007	0,035	FALSE
0,046	0,305	0,002	0,009	0,067	FALSE
-0,054	0,313	-0,003	0,012	0,090	FALSE
0,122	0,302	0,004	0,010	0,160	FALSE
-0,014	0,315	0,000	0,006	0,012	FALSE
0,069	0,317	0,002	0,008	0,104	FALSE
-0,051	0,299	-0,001	0,006	0,052	FALSE
0,036	0,309	0,001	0,012	0,028	FALSE
-0,046	0,310	-0,001	0,012	0,046	FALSE
0,086	0,289	0,003	0,010	0,112	FALSE
0,006	0,315	0,001	0,010	0,018	FALSE
0,002	0,293	0,000	0,011	0,012	FALSE
0,079	0,308	0,003	0,013	0,093	FALSE
-0,082	0,319	-0,004	0,013	0,118	FALSE
-0,119	0,307	-0,002	0,006	0,127	FALSE
0,043	0,321	0,002	0,011	0,051	FALSE
0,033	0,306	0,001	0,009	0,047	FALSE
0,213	0,302	0,004	0,006	0,297	FALSE
-0,051	0,309	-0,001	0,006	0,036	FALSE
0,064	0,311	0,003	0,012	0,097	FALSE
-0,215	0,292	-0,007	0,009	0,325	FALSE
0,058	0,293	0,003	0,012	0,086	FALSE
-0,005	0,306	-0,001	0,011	0,028	FALSE
-0,109	0,301	-0,003	0,009	0,162	FALSE
0,035	0,300	0,001	0,008	0,040	FALSE
0,067	0,316	0,003	0,009	0,106	FALSE
-0,042	0,323	-0,001	0,013	0,039	FALSE
-0,009	0,304	0,000	0,008	0,010	FALSE
-0,015	0,296	0,000	0,011	0,012	FALSE
-0,029	0,297	0,000	0,011	0,000	FALSE
-0,005	0,311	0,000	0,006	0,011	FALSE
-0,070	0,298	-0,002	0,008	0,079	FALSE
0,009	0,311	0,000	0,007	0,022	FALSE
-0,003	0,299	0,000	0,008	0,000	FALSE
-0,009	0,310	0,000	0,011	0,004	FALSE
0,068	0,303	0,002	0,007	0,121	FALSE
-0,052	0,299	-0,001	0,010	0,035	FALSE
-0,101	0,310	-0,004	0,012	0,136	FALSE
0,031	0,276	0,001	0,008	0,045	FALSE
-0,010	0,304	0,000	0,006	0,022	FALSE
-0,015	0,304	-0,001	0,007	0,030	FALSE
-0,005	0,314	-0,001	0,007	0,029	FALSE
0,040	0,311	0,002	0,010	0,063	FALSE
-0,005	0,315	-0,001	0,012	0,031	FALSE
-0,036	0,306	-0,001	0,008	0,042	FALSE
0,096	0,301	0,002	0,008	0,116	FALSE
0,020	0,308	0,000	0,010	0,005	FALSE
-0,033	0,307	-0,001	0,010	0,044	FALSE

0,073	0,301	0,003	0,009	0,117	FALSE
-0,096	0,304	-0,003	0,007	0,165	FALSE
0,019	0,310	0,001	0,009	0,038	FALSE
-0,077	0,310	-0,004	0,013	0,122	FALSE
-0,009	0,311	0,000	0,009	0,014	FALSE
0,012	0,307	0,001	0,008	0,046	FALSE
-0,023	0,310	0,000	0,007	0,006	FALSE
-0,067	0,293	-0,001	0,012	0,035	FALSE
-0,021	0,311	0,000	0,007	0,025	FALSE
0,113	0,301	0,004	0,010	0,171	FALSE
0,084	0,315	0,003	0,012	0,106	FALSE
0,069	0,309	0,002	0,012	0,060	FALSE
0,095	0,311	0,004	0,011	0,139	FALSE
0,143	0,321	0,005	0,011	0,216	FALSE
-0,183	0,306	-0,009	0,013	0,310	FALSE
0,140	0,303	0,005	0,010	0,211	FALSE
0,027	0,306	0,000	0,006	0,024	FALSE
0,017	0,310	0,001	0,009	0,035	FALSE
-0,093	0,328	-0,003	0,010	0,126	FALSE
-0,021	0,309	-0,001	0,008	0,036	FALSE
-0,080	0,299	-0,004	0,012	0,117	FALSE
0,090	0,298	0,003	0,010	0,114	FALSE
0,066	0,309	0,002	0,010	0,074	FALSE
0,157	0,313	0,005	0,010	0,192	FALSE
0,135	0,309	0,004	0,010	0,156	FALSE
-0,009	0,306	0,000	0,006	0,013	FALSE
0,000	0,305	0,000	0,007	0,016	FALSE
-0,002	0,301	0,000	0,008	0,002	FALSE
0,035	0,313	0,001	0,013	0,026	FALSE
0,024	0,318	0,000	0,013	0,012	FALSE
0,142	0,307	0,004	0,009	0,182	FALSE
0,008	0,297	0,001	0,007	0,029	FALSE
0,023	0,301	0,001	0,007	0,028	FALSE
-0,015	0,312	-0,001	0,011	0,030	FALSE
0,032	0,308	0,001	0,008	0,047	FALSE
-0,040	0,309	-0,002	0,013	0,052	FALSE
0,117	0,297	0,004	0,010	0,150	FALSE
-0,049	0,309	-0,001	0,009	0,062	FALSE
-0,040	0,315	-0,001	0,007	0,048	FALSE
-0,132	0,300	-0,004	0,007	0,216	FALSE
0,081	0,299	0,003	0,011	0,114	FALSE
-0,017	0,300	-0,001	0,009	0,025	FALSE
-0,112	0,300	-0,002	0,006	0,156	FALSE
0,008	0,297	0,000	0,010	0,001	FALSE
-0,051	0,306	-0,002	0,010	0,091	FALSE
0,026	0,300	0,002	0,012	0,070	FALSE
0,016	0,301	0,001	0,011	0,026	FALSE
0,089	0,316	0,004	0,012	0,121	FALSE
-0,082	0,324	-0,004	0,013	0,115	FALSE
-0,017	0,312	-0,001	0,008	0,032	FALSE
0,022	0,311	0,001	0,007	0,025	FALSE
-0,014	0,294	-0,001	0,009	0,040	FALSE
0,026	0,302	0,000	0,010	0,007	FALSE

0,006	0,309	0,000	0,006	0,026	FALSE
-0,019	0,321	0,000	0,010	0,006	FALSE
-0,078	0,295	-0,002	0,007	0,097	FALSE
-0,107	0,309	-0,003	0,009	0,138	FALSE
0,124	0,291	0,004	0,011	0,162	FALSE
-0,049	0,309	-0,002	0,011	0,069	FALSE
-0,027	0,309	-0,001	0,009	0,057	FALSE
0,040	0,317	0,001	0,009	0,022	FALSE
-0,022	0,308	-0,001	0,013	0,026	FALSE
0,132	0,309	0,005	0,010	0,195	FALSE
-0,086	0,324	-0,003	0,011	0,093	FALSE
-0,059	0,308	-0,003	0,013	0,085	FALSE
-0,141	0,297	-0,005	0,011	0,203	FALSE
-0,109	0,311	-0,004	0,011	0,159	FALSE
-0,019	0,308	-0,001	0,009	0,027	FALSE
0,007	0,309	0,000	0,007	0,013	FALSE
-0,072	0,296	-0,001	0,007	0,071	FALSE
0,041	0,289	0,003	0,010	0,115	FALSE
0,090	0,315	0,002	0,007	0,090	FALSE
0,092	0,289	0,004	0,011	0,146	FALSE
0,001	0,318	0,000	0,009	0,011	FALSE
0,047	0,299	0,003	0,011	0,086	FALSE
0,076	0,305	0,004	0,012	0,119	FALSE
-0,077	0,302	-0,004	0,013	0,134	FALSE
0,061	0,295	0,002	0,007	0,102	FALSE
0,006	0,306	0,001	0,007	0,039	FALSE
0,030	0,305	0,001	0,007	0,063	FALSE
0,111	0,309	0,004	0,009	0,183	FALSE
0,092	0,307	0,004	0,010	0,165	FALSE
0,024	0,309	0,002	0,012	0,056	FALSE
0,012	0,311	0,001	0,012	0,041	FALSE
-0,103	0,305	-0,005	0,013	0,145	FALSE
0,133	0,308	0,004	0,009	0,165	FALSE
-0,110	0,289	-0,004	0,012	0,148	FALSE
0,037	0,314	0,001	0,013	0,037	FALSE
-0,037	0,318	-0,001	0,012	0,037	FALSE
0,001	0,297	0,000	0,013	0,012	FALSE
0,005	0,311	0,000	0,008	0,013	FALSE
-0,026	0,298	-0,002	0,012	0,070	FALSE
0,022	0,304	0,000	0,013	0,011	FALSE
0,051	0,314	0,003	0,012	0,086	FALSE
0,080	0,294	0,003	0,008	0,139	FALSE
0,024	0,326	0,001	0,012	0,026	FALSE
0,086	0,302	0,004	0,012	0,114	FALSE
0,036	0,301	0,001	0,013	0,036	FALSE
0,066	0,304	0,002	0,007	0,147	FALSE
-0,091	0,309	-0,002	0,007	0,129	FALSE
0,175	0,309	0,004	0,008	0,234	FALSE
0,227	0,290	0,006	0,008	0,347	FALSE
0,177	0,307	0,005	0,008	0,243	FALSE
0,051	0,301	0,002	0,012	0,060	FALSE
0,179	0,307	0,004	0,008	0,235	FALSE
-0,015	0,308	-0,001	0,010	0,030	FALSE

0,019	0,307	0,001	0,009	0,025	FALSE
-0,087	0,309	-0,003	0,011	0,102	FALSE
0,029	0,300	0,000	0,008	0,008	FALSE
-0,014	0,296	0,000	0,011	0,000	FALSE
0,202	0,297	0,007	0,011	0,293	FALSE
0,147	0,320	0,004	0,010	0,184	FALSE
-0,037	0,289	-0,001	0,012	0,026	FALSE
0,067	0,308	0,002	0,008	0,106	FALSE
-0,156	0,295	-0,005	0,010	0,215	FALSE
0,120	0,295	0,004	0,011	0,130	FALSE
-0,015	0,300	-0,001	0,007	0,037	FALSE
-0,107	0,313	-0,004	0,012	0,138	FALSE
-0,012	0,316	0,000	0,007	0,002	FALSE
0,066	0,297	0,002	0,007	0,090	FALSE
-0,009	0,314	0,000	0,008	0,013	FALSE
0,010	0,319	0,001	0,008	0,023	FALSE
0,152	0,304	0,003	0,007	0,204	FALSE
0,022	0,303	0,001	0,012	0,027	FALSE
-0,150	0,316	-0,003	0,007	0,180	FALSE
-0,016	0,317	0,000	0,011	0,015	FALSE
0,053	0,306	0,001	0,008	0,066	FALSE
0,013	0,322	0,001	0,010	0,024	FALSE
0,006	0,312	0,000	0,009	0,018	FALSE
-0,066	0,313	-0,001	0,007	0,079	FALSE
0,094	0,305	0,002	0,008	0,114	FALSE
0,047	0,317	0,002	0,012	0,051	FALSE
0,046	0,298	0,001	0,013	0,043	FALSE
0,058	0,323	0,002	0,010	0,090	FALSE
-0,012	0,310	0,000	0,009	0,005	FALSE
0,084	0,312	0,002	0,008	0,100	FALSE
0,055	0,298	0,002	0,012	0,076	FALSE
-0,085	0,306	-0,004	0,011	0,129	FALSE
-0,071	0,319	-0,003	0,012	0,099	FALSE
-0,035	0,296	-0,002	0,008	0,074	FALSE
0,042	0,295	0,001	0,008	0,069	FALSE
0,030	0,311	0,001	0,007	0,038	FALSE
0,045	0,313	0,003	0,011	0,103	FALSE
-0,049	0,319	-0,001	0,007	0,055	FALSE
-0,005	0,308	0,000	0,007	0,002	FALSE
0,028	0,310	0,001	0,012	0,016	FALSE
-0,034	0,314	-0,001	0,013	0,043	FALSE
-0,044	0,314	-0,001	0,007	0,044	FALSE
0,017	0,309	0,000	0,008	0,020	FALSE
0,040	0,286	0,002	0,012	0,061	FALSE
-0,005	0,309	0,000	0,007	0,016	FALSE
0,047	0,302	0,002	0,011	0,066	FALSE
-0,108	0,316	-0,005	0,012	0,189	FALSE
0,039	0,295	0,001	0,007	0,048	FALSE
0,048	0,303	0,001	0,007	0,051	FALSE
-0,092	0,303	-0,002	0,008	0,112	FALSE
-0,097	0,308	-0,003	0,009	0,131	FALSE
-0,119	0,301	-0,003	0,006	0,161	FALSE
0,019	0,305	0,001	0,006	0,034	FALSE

0,094	0,306	0,004	0,012	0,112	FALSE
-0,066	0,302	-0,002	0,010	0,067	FALSE
0,002	0,318	0,000	0,006	0,009	FALSE
-0,028	0,305	-0,001	0,008	0,057	FALSE
0,057	0,310	0,003	0,010	0,109	FALSE
0,009	0,308	0,001	0,012	0,016	FALSE
-0,015	0,306	-0,001	0,010	0,045	FALSE
0,005	0,293	0,002	0,010	0,057	FALSE
0,019	0,312	0,001	0,008	0,034	FALSE
0,123	0,313	0,003	0,007	0,197	FALSE
0,031	0,295	0,001	0,007	0,038	FALSE
-0,068	0,309	-0,001	0,007	0,070	FALSE
0,030	0,287	0,001	0,006	0,032	FALSE
0,023	0,303	0,001	0,007	0,037	FALSE
-0,058	0,295	-0,002	0,010	0,073	FALSE
0,000	0,315	0,000	0,007	0,017	FALSE
0,040	0,314	0,001	0,008	0,032	FALSE
-0,002	0,298	0,000	0,008	0,008	FALSE
0,021	0,300	0,000	0,007	0,010	FALSE
-0,028	0,300	-0,001	0,009	0,045	FALSE
-0,017	0,312	-0,001	0,009	0,031	FALSE
-0,021	0,273	-0,001	0,008	0,031	FALSE
0,021	0,296	0,001	0,012	0,021	FALSE
0,013	0,308	0,000	0,007	0,018	FALSE
-0,089	0,307	-0,002	0,008	0,121	FALSE
0,041	0,304	0,002	0,010	0,057	FALSE
-0,039	0,314	-0,001	0,009	0,052	FALSE
-0,094	0,296	-0,004	0,011	0,138	FALSE
-0,073	0,306	-0,003	0,011	0,110	FALSE
0,009	0,314	0,001	0,009	0,044	FALSE
-0,045	0,309	-0,001	0,010	0,027	FALSE
-0,052	0,314	-0,001	0,007	0,049	FALSE
0,031	0,316	0,001	0,010	0,050	FALSE
0,044	0,299	0,003	0,012	0,102	FALSE
0,051	0,304	0,004	0,013	0,112	FALSE
0,041	0,304	0,002	0,008	0,089	FALSE
0,147	0,295	0,003	0,007	0,174	FALSE
0,024	0,303	0,000	0,008	0,020	FALSE
-0,003	0,320	0,000	0,009	0,008	FALSE
0,035	0,315	0,002	0,012	0,068	FALSE
0,013	0,318	0,001	0,012	0,021	FALSE
0,085	0,308	0,003	0,011	0,117	FALSE
0,120	0,301	0,003	0,007	0,143	FALSE
0,073	0,320	0,003	0,011	0,095	FALSE
0,011	0,321	0,000	0,011	0,006	FALSE
-0,028	0,312	-0,001	0,010	0,038	FALSE
0,070	0,308	0,004	0,012	0,126	FALSE
-0,015	0,326	0,000	0,011	0,015	FALSE
0,003	0,308	0,000	0,010	0,006	FALSE
-0,013	0,312	0,000	0,010	0,011	FALSE
0,042	0,314	0,003	0,012	0,081	FALSE
0,086	0,300	0,003	0,011	0,117	FALSE
0,017	0,323	0,000	0,007	0,021	FALSE

0,042	0,309	0,001	0,009	0,049	FALSE
0,101	0,305	0,002	0,006	0,124	FALSE
-0,030	0,328	-0,001	0,009	0,024	FALSE
0,048	0,311	0,001	0,012	0,034	FALSE
-0,087	0,308	-0,003	0,008	0,127	FALSE
-0,005	0,310	0,000	0,007	0,018	FALSE
0,024	0,300	0,000	0,010	0,018	FALSE
-0,043	0,326	-0,001	0,007	0,055	FALSE
-0,115	0,310	-0,003	0,009	0,144	FALSE
0,095	0,286	0,003	0,009	0,134	FALSE
0,070	0,290	0,002	0,009	0,076	FALSE
0,004	0,319	-0,001	0,013	0,015	FALSE
-0,026	0,305	-0,001	0,007	0,032	FALSE
-0,050	0,308	-0,001	0,008	0,058	FALSE
0,012	0,298	0,000	0,007	0,024	FALSE
0,014	0,302	0,000	0,006	0,002	FALSE
-0,088	0,312	-0,003	0,011	0,111	FALSE
-0,015	0,322	0,000	0,013	0,009	FALSE
-0,001	0,324	0,000	0,013	0,008	FALSE
0,024	0,304	0,001	0,012	0,018	FALSE
0,085	0,312	0,002	0,007	0,130	FALSE
-0,012	0,303	0,000	0,013	0,009	FALSE
0,056	0,303	0,002	0,007	0,106	FALSE
-0,006	0,312	-0,001	0,007	0,037	FALSE
0,121	0,307	0,003	0,008	0,158	FALSE
0,123	0,310	0,003	0,008	0,167	FALSE
0,090	0,297	0,005	0,013	0,157	FALSE
-0,044	0,317	-0,001	0,010	0,043	FALSE
0,005	0,302	0,001	0,010	0,026	FALSE
-0,083	0,319	-0,002	0,007	0,096	FALSE
0,066	0,308	0,002	0,010	0,076	FALSE
0,117	0,316	0,003	0,007	0,157	FALSE
0,099	0,313	0,002	0,007	0,106	FALSE
-0,010	0,299	-0,002	0,013	0,044	FALSE
-0,001	0,305	0,000	0,012	0,011	FALSE
-0,002	0,320	0,000	0,008	0,009	FALSE
-0,136	0,299	-0,006	0,013	0,191	FALSE
0,007	0,317	0,000	0,009	0,011	FALSE
-0,131	0,311	-0,003	0,007	0,176	FALSE
0,099	0,301	0,003	0,009	0,134	FALSE
-0,097	0,306	-0,002	0,008	0,115	FALSE
-0,082	0,315	-0,003	0,013	0,091	FALSE
0,001	0,307	0,000	0,010	0,001	FALSE
0,043	0,313	0,001	0,007	0,045	FALSE
0,048	0,293	0,002	0,007	0,111	FALSE
0,073	0,304	0,004	0,013	0,128	FALSE
-0,021	0,308	0,000	0,009	0,005	FALSE
0,019	0,305	0,000	0,010	0,006	FALSE
0,093	0,300	0,003	0,010	0,106	FALSE
0,125	0,311	0,004	0,009	0,180	FALSE
0,015	0,299	0,000	0,006	0,018	FALSE
-0,035	0,314	-0,001	0,010	0,033	FALSE
0,031	0,305	0,001	0,012	0,025	FALSE

0,071	0,302	0,001	0,007	0,082	FALSE
-0,100	0,297	-0,004	0,010	0,173	FALSE
-0,143	0,302	-0,006	0,011	0,245	FALSE
0,083	0,321	0,002	0,010	0,092	FALSE
0,000	0,315	-0,001	0,012	0,021	FALSE
-0,042	0,312	-0,002	0,009	0,067	FALSE
0,093	0,291	0,003	0,012	0,116	FALSE
-0,042	0,302	0,000	0,006	0,014	FALSE
-0,110	0,317	-0,004	0,012	0,145	FALSE
-0,014	0,306	0,000	0,008	0,013	FALSE
-0,033	0,295	-0,001	0,008	0,029	FALSE
-0,047	0,297	-0,001	0,008	0,052	FALSE
0,018	0,294	0,001	0,011	0,041	FALSE
-0,082	0,315	-0,004	0,013	0,120	FALSE
-0,108	0,307	-0,005	0,012	0,163	FALSE
-0,050	0,313	-0,002	0,012	0,065	FALSE
0,017	0,308	0,000	0,008	0,002	FALSE
-0,002	0,311	0,000	0,007	0,013	FALSE
0,167	0,299	0,006	0,011	0,242	FALSE
0,073	0,312	0,002	0,009	0,065	FALSE
0,112	0,307	0,004	0,011	0,168	FALSE
0,113	0,309	0,003	0,007	0,180	FALSE
-0,009	0,303	0,000	0,008	0,001	FALSE
0,061	0,309	0,002	0,010	0,070	FALSE
-0,031	0,295	-0,001	0,007	0,035	FALSE
-0,019	0,305	-0,001	0,007	0,040	FALSE
-0,063	0,292	-0,001	0,007	0,060	FALSE
-0,049	0,321	0,000	0,007	0,025	FALSE
-0,078	0,306	-0,002	0,007	0,084	FALSE
-0,081	0,315	-0,001	0,007	0,076	FALSE
0,014	0,300	0,001	0,008	0,033	FALSE
0,081	0,294	0,004	0,012	0,129	FALSE
-0,030	0,313	-0,002	0,012	0,053	FALSE
-0,073	0,312	-0,001	0,008	0,065	FALSE
0,008	0,303	0,001	0,009	0,019	FALSE
-0,015	0,324	-0,001	0,012	0,026	FALSE
-0,130	0,301	-0,003	0,008	0,155	FALSE
-0,135	0,294	-0,003	0,007	0,170	FALSE
-0,003	0,313	0,000	0,008	0,002	FALSE
0,004	0,315	0,000	0,011	0,013	FALSE
-0,124	0,296	-0,006	0,011	0,213	FALSE
-0,160	0,306	-0,004	0,007	0,217	FALSE
-0,053	0,318	-0,002	0,007	0,079	FALSE
-0,077	0,309	-0,002	0,010	0,096	FALSE
0,159	0,296	0,006	0,011	0,234	FALSE
-0,052	0,306	-0,002	0,009	0,067	FALSE
0,065	0,307	0,003	0,009	0,110	FALSE
-0,108	0,307	-0,002	0,007	0,118	FALSE
-0,076	0,312	-0,001	0,007	0,070	FALSE
0,023	0,314	0,001	0,011	0,017	FALSE
0,000	0,311	0,000	0,012	0,013	FALSE
-0,043	0,304	0,000	0,007	0,012	FALSE
0,095	0,287	0,003	0,007	0,144	FALSE

0,024	0,304	0,001	0,010	0,043	FALSE
-0,020	0,307	0,000	0,010	0,008	FALSE
0,008	0,311	0,000	0,006	0,002	FALSE
0,150	0,302	0,004	0,008	0,230	FALSE
0,023	0,319	0,000	0,007	0,022	FALSE
0,020	0,315	0,000	0,007	0,021	FALSE
0,141	0,289	0,003	0,007	0,169	FALSE
0,139	0,312	0,005	0,011	0,178	FALSE
0,132	0,301	0,004	0,010	0,170	FALSE
0,074	0,322	0,002	0,007	0,097	FALSE
0,070	0,305	0,002	0,006	0,125	FALSE
0,047	0,312	0,002	0,009	0,061	FALSE
0,111	0,296	0,004	0,011	0,141	FALSE
0,093	0,314	0,003	0,009	0,147	FALSE
0,012	0,307	0,000	0,007	0,014	FALSE
0,066	0,302	0,002	0,009	0,067	FALSE
0,080	0,299	0,002	0,008	0,126	FALSE
0,064	0,304	0,002	0,013	0,058	FALSE
-0,013	0,312	0,000	0,011	0,010	FALSE
0,104	0,307	0,005	0,013	0,154	FALSE
0,000	0,301	0,001	0,007	0,030	FALSE
0,064	0,307	0,002	0,007	0,101	FALSE
0,076	0,314	0,003	0,010	0,118	FALSE
0,051	0,313	0,001	0,010	0,043	FALSE
0,098	0,296	0,003	0,011	0,120	FALSE
0,033	0,297	0,001	0,012	0,036	FALSE
0,039	0,316	0,001	0,008	0,062	FALSE
0,064	0,304	0,003	0,012	0,088	FALSE
-0,129	0,321	-0,005	0,011	0,180	FALSE
0,142	0,285	0,004	0,007	0,217	FALSE
-0,076	0,286	-0,003	0,009	0,103	FALSE
-0,010	0,316	-0,001	0,010	0,021	FALSE
-0,126	0,311	-0,005	0,013	0,161	FALSE
-0,023	0,321	-0,001	0,008	0,035	FALSE
-0,007	0,315	-0,001	0,008	0,029	FALSE
-0,018	0,306	0,000	0,012	0,012	FALSE
-0,025	0,310	-0,001	0,013	0,033	FALSE
-0,034	0,302	-0,001	0,011	0,044	FALSE
0,071	0,310	0,002	0,009	0,087	FALSE
-0,130	0,317	-0,003	0,007	0,151	FALSE
-0,014	0,313	0,000	0,008	0,004	FALSE
-0,036	0,317	-0,001	0,011	0,036	FALSE
-0,064	0,312	-0,002	0,011	0,074	FALSE
0,079	0,293	0,003	0,012	0,084	FALSE
0,164	0,308	0,004	0,008	0,201	FALSE
0,066	0,315	0,001	0,006	0,071	FALSE
-0,077	0,308	-0,002	0,007	0,109	FALSE
-0,009	0,303	0,000	0,009	0,012	FALSE
-0,012	0,317	0,000	0,009	0,004	FALSE
0,054	0,326	0,001	0,009	0,047	FALSE
-0,119	0,322	-0,003	0,007	0,170	FALSE
0,024	0,291	0,000	0,010	0,017	FALSE
0,082	0,301	0,002	0,008	0,111	FALSE

0,011	0,312	0,001	0,010	0,051	FALSE
0,083	0,310	0,002	0,008	0,097	FALSE
0,149	0,290	0,003	0,007	0,174	FALSE
-0,074	0,300	-0,002	0,007	0,114	FALSE
0,028	0,303	0,001	0,011	0,034	FALSE
0,119	0,318	0,003	0,008	0,130	FALSE
0,076	0,305	0,004	0,013	0,108	FALSE
0,115	0,310	0,004	0,008	0,193	FALSE
0,024	0,313	0,001	0,013	0,030	FALSE
0,045	0,311	0,002	0,013	0,049	FALSE
0,031	0,310	0,001	0,013	0,033	FALSE
0,142	0,295	0,006	0,012	0,194	FALSE
0,121	0,307	0,005	0,013	0,162	FALSE
0,092	0,302	0,002	0,007	0,094	FALSE
-0,210	0,292	-0,009	0,012	0,348	FALSE
-0,253	0,305	-0,011	0,012	0,407	FALSE
-0,055	0,322	-0,002	0,012	0,055	FALSE
-0,036	0,313	-0,001	0,009	0,032	FALSE
-0,075	0,305	-0,004	0,012	0,117	FALSE
0,016	0,299	0,000	0,007	0,014	FALSE
0,018	0,305	0,000	0,007	0,018	FALSE
-0,006	0,304	0,000	0,013	0,007	FALSE
0,001	0,304	0,000	0,013	0,007	FALSE
0,031	0,303	0,001	0,007	0,044	FALSE
0,105	0,319	0,004	0,010	0,153	FALSE
0,033	0,313	0,001	0,006	0,033	FALSE
-0,046	0,311	-0,001	0,012	0,019	FALSE
-0,025	0,300	-0,002	0,013	0,065	FALSE
-0,090	0,313	-0,003	0,010	0,125	FALSE
-0,018	0,301	-0,001	0,012	0,027	FALSE
0,078	0,308	0,003	0,011	0,092	FALSE
-0,029	0,314	-0,001	0,011	0,032	FALSE
-0,011	0,289	-0,001	0,012	0,026	FALSE
0,065	0,311	0,001	0,007	0,056	FALSE
0,066	0,301	0,002	0,008	0,076	FALSE
0,106	0,314	0,003	0,008	0,159	FALSE
-0,073	0,300	-0,004	0,010	0,133	FALSE
0,046	0,301	0,001	0,011	0,044	FALSE
0,018	0,316	0,001	0,011	0,028	FALSE
-0,031	0,295	-0,002	0,012	0,048	FALSE
-0,019	0,315	-0,001	0,010	0,022	FALSE
-0,125	0,291	-0,003	0,008	0,185	FALSE
0,075	0,320	0,002	0,008	0,096	FALSE
-0,146	0,307	-0,006	0,013	0,177	FALSE
0,042	0,303	0,002	0,011	0,064	FALSE
0,015	0,297	0,001	0,007	0,063	FALSE
-0,033	0,290	-0,001	0,011	0,032	FALSE
-0,168	0,308	-0,004	0,007	0,219	FALSE
-0,007	0,300	-0,001	0,010	0,022	FALSE
-0,108	0,289	-0,003	0,008	0,143	FALSE
-0,003	0,311	0,001	0,008	0,027	FALSE
-0,087	0,300	-0,003	0,009	0,125	FALSE
-0,068	0,306	-0,002	0,009	0,104	FALSE

-0,097	0,316	-0,002	0,007	0,110	FALSE
-0,008	0,310	0,000	0,012	0,007	FALSE
-0,034	0,313	-0,001	0,010	0,036	FALSE
0,172	0,297	0,005	0,009	0,235	FALSE
-0,063	0,316	-0,001	0,007	0,074	FALSE
0,044	0,302	0,001	0,012	0,029	FALSE
-0,074	0,300	-0,003	0,012	0,087	FALSE
0,139	0,310	0,004	0,008	0,202	FALSE
-0,076	0,297	-0,001	0,007	0,072	FALSE
-0,098	0,292	-0,002	0,006	0,122	FALSE
-0,010	0,298	-0,001	0,008	0,036	FALSE
-0,109	0,292	-0,003	0,009	0,138	FALSE
-0,132	0,303	-0,005	0,012	0,178	FALSE
0,017	0,301	0,002	0,008	0,083	FALSE
0,029	0,299	0,001	0,009	0,044	FALSE
0,149	0,299	0,004	0,007	0,223	FALSE
0,219	0,295	0,006	0,008	0,339	FALSE
0,215	0,293	0,006	0,008	0,331	FALSE
0,146	0,301	0,006	0,011	0,232	FALSE
0,032	0,299	0,001	0,009	0,027	FALSE
-0,171	0,300	-0,006	0,011	0,258	FALSE
0,130	0,305	0,004	0,010	0,163	FALSE
-0,008	0,318	0,000	0,008	0,007	FALSE
0,042	0,298	0,000	0,006	0,021	FALSE
-0,026	0,303	0,000	0,007	0,005	FALSE
0,141	0,302	0,003	0,007	0,192	FALSE
0,019	0,314	0,000	0,011	0,009	FALSE
-0,022	0,308	0,000	0,007	0,020	FALSE
-0,075	0,327	-0,003	0,013	0,090	FALSE
-0,057	0,307	-0,002	0,009	0,078	FALSE
-0,057	0,323	-0,002	0,010	0,081	FALSE
-0,002	0,305	0,000	0,007	0,004	FALSE
-0,071	0,303	-0,003	0,012	0,086	FALSE
0,000	0,311	0,001	0,010	0,018	FALSE
0,033	0,290	0,001	0,007	0,069	FALSE
-0,126	0,295	-0,005	0,011	0,174	FALSE
-0,022	0,305	-0,001	0,011	0,017	FALSE
-0,096	0,303	-0,002	0,009	0,093	FALSE
0,048	0,305	0,002	0,012	0,071	FALSE
-0,116	0,308	-0,004	0,011	0,130	FALSE
0,072	0,309	0,004	0,012	0,119	FALSE
0,115	0,311	0,005	0,013	0,152	FALSE
0,002	0,321	0,000	0,007	0,005	FALSE
0,075	0,305	0,002	0,010	0,078	FALSE
0,087	0,300	0,003	0,011	0,110	FALSE
0,030	0,313	0,001	0,006	0,066	FALSE
0,034	0,301	0,000	0,008	0,020	FALSE
0,000	0,309	0,001	0,011	0,018	FALSE
0,062	0,304	0,003	0,011	0,087	FALSE
0,060	0,310	0,002	0,011	0,067	FALSE
0,092	0,298	0,002	0,006	0,139	FALSE
0,045	0,316	0,002	0,011	0,060	FALSE
-0,102	0,312	-0,004	0,011	0,164	FALSE

0,002	0,313	0,000	0,009	0,017	FALSE
0,015	0,306	0,000	0,007	0,021	FALSE
-0,111	0,287	-0,004	0,010	0,150	FALSE
0,094	0,298	0,003	0,013	0,106	FALSE
-0,039	0,303	-0,002	0,012	0,056	FALSE
0,099	0,314	0,002	0,007	0,127	FALSE
0,010	0,308	0,000	0,012	0,004	FALSE
0,051	0,318	0,003	0,013	0,077	FALSE
-0,019	0,314	-0,001	0,013	0,030	FALSE
-0,006	0,295	-0,001	0,012	0,017	FALSE
0,005	0,328	0,000	0,013	0,008	FALSE
-0,037	0,314	-0,002	0,011	0,061	FALSE
0,041	0,314	0,000	0,007	0,023	FALSE
0,022	0,298	0,000	0,007	0,004	FALSE
-0,045	0,293	0,000	0,007	0,012	FALSE
0,112	0,313	0,004	0,010	0,140	FALSE
-0,011	0,305	0,000	0,007	0,025	FALSE
0,089	0,307	0,004	0,012	0,120	FALSE
-0,001	0,301	0,000	0,008	0,006	FALSE
0,111	0,315	0,004	0,012	0,142	FALSE
-0,056	0,301	-0,002	0,011	0,054	FALSE
-0,122	0,302	-0,004	0,010	0,173	FALSE
-0,072	0,292	-0,002	0,008	0,119	FALSE
0,102	0,309	0,005	0,010	0,179	FALSE
-0,078	0,302	-0,003	0,010	0,095	FALSE
0,114	0,305	0,003	0,007	0,155	FALSE
-0,055	0,306	-0,002	0,009	0,075	FALSE
-0,037	0,307	0,000	0,008	0,008	FALSE
-0,048	0,314	-0,001	0,009	0,032	FALSE
-0,006	0,296	0,001	0,010	0,028	FALSE
0,083	0,319	0,002	0,010	0,091	FALSE
-0,080	0,311	-0,003	0,010	0,102	FALSE
0,016	0,317	0,000	0,008	0,015	FALSE
-0,080	0,313	-0,003	0,012	0,110	FALSE
-0,028	0,319	-0,001	0,011	0,044	FALSE
0,064	0,302	0,001	0,008	0,059	FALSE
-0,040	0,330	-0,001	0,011	0,039	FALSE
0,035	0,301	0,001	0,012	0,027	FALSE
0,053	0,293	0,002	0,011	0,064	FALSE
0,011	0,289	0,000	0,012	0,001	FALSE
0,015	0,315	0,001	0,009	0,023	FALSE
-0,021	0,312	-0,002	0,013	0,047	FALSE
0,065	0,296	0,001	0,010	0,038	FALSE
0,060	0,293	0,001	0,010	0,047	FALSE
-0,093	0,318	-0,005	0,012	0,159	FALSE
0,059	0,298	0,001	0,006	0,076	FALSE
0,082	0,305	0,003	0,013	0,088	FALSE
-0,130	0,313	-0,004	0,010	0,144	FALSE
0,019	0,305	0,000	0,007	0,012	FALSE
-0,028	0,305	-0,001	0,011	0,017	FALSE
0,039	0,320	0,001	0,013	0,039	FALSE
-0,013	0,315	-0,001	0,010	0,022	FALSE
0,069	0,288	0,002	0,007	0,092	FALSE

-0,075	0,306	-0,001	0,007	0,078	FALSE
0,070	0,307	0,002	0,011	0,069	FALSE
-0,093	0,304	-0,002	0,007	0,097	FALSE
-0,066	0,305	-0,004	0,013	0,111	FALSE
0,044	0,304	0,001	0,007	0,047	FALSE
0,082	0,312	0,003	0,012	0,094	FALSE
0,100	0,311	0,003	0,010	0,130	FALSE
-0,030	0,308	-0,001	0,006	0,032	FALSE
-0,080	0,313	-0,001	0,007	0,076	FALSE
-0,134	0,307	-0,004	0,009	0,162	FALSE
-0,028	0,314	-0,001	0,009	0,040	FALSE
-0,026	0,308	-0,001	0,008	0,025	FALSE
-0,010	0,297	0,000	0,007	0,001	FALSE
0,029	0,295	0,001	0,006	0,085	FALSE
0,012	0,314	0,000	0,007	0,006	FALSE
-0,106	0,297	-0,003	0,012	0,107	FALSE
0,017	0,305	0,000	0,007	0,017	FALSE
0,114	0,293	0,004	0,009	0,149	FALSE
-0,006	0,305	0,000	0,009	0,015	FALSE
0,112	0,307	0,004	0,012	0,132	FALSE
0,060	0,307	0,003	0,013	0,089	FALSE
0,054	0,310	0,002	0,011	0,084	FALSE
-0,133	0,301	-0,007	0,013	0,218	FALSE
-0,187	0,283	-0,010	0,012	0,369	FALSE
0,052	0,310	0,002	0,012	0,059	FALSE
0,035	0,310	0,001	0,012	0,034	FALSE
-0,127	0,307	-0,006	0,013	0,199	FALSE
-0,180	0,293	-0,008	0,012	0,320	FALSE
0,195	0,302	0,006	0,009	0,305	FALSE
-0,080	0,291	-0,004	0,012	0,124	FALSE
-0,066	0,299	-0,004	0,013	0,117	FALSE
0,049	0,309	0,001	0,007	0,064	FALSE
-0,083	0,304	-0,002	0,006	0,106	FALSE
-0,035	0,314	-0,001	0,006	0,046	FALSE
0,035	0,314	0,001	0,008	0,044	FALSE
-0,069	0,309	-0,003	0,011	0,099	FALSE
-0,073	0,300	-0,003	0,008	0,121	FALSE
0,068	0,303	0,003	0,010	0,116	FALSE
-0,071	0,309	-0,002	0,009	0,085	FALSE
0,012	0,313	0,000	0,009	0,003	FALSE
0,007	0,291	0,001	0,009	0,056	FALSE
-0,051	0,304	-0,002	0,009	0,096	FALSE
0,055	0,307	0,002	0,009	0,080	FALSE
-0,055	0,294	-0,002	0,007	0,085	FALSE
-0,023	0,310	-0,001	0,007	0,050	FALSE
0,017	0,310	0,001	0,012	0,034	FALSE
0,009	0,316	0,001	0,013	0,017	FALSE
-0,022	0,303	-0,001	0,012	0,029	FALSE
-0,086	0,306	-0,004	0,013	0,126	FALSE
-0,036	0,304	-0,002	0,011	0,065	FALSE
-0,100	0,306	-0,003	0,008	0,130	FALSE
-0,001	0,307	0,000	0,007	0,005	FALSE
-0,011	0,321	-0,001	0,011	0,018	FALSE

-0,049	0,301	-0,002	0,008	0,083	FALSE
0,076	0,309	0,002	0,011	0,085	FALSE
0,043	0,312	0,001	0,011	0,037	FALSE
0,055	0,309	0,001	0,008	0,055	FALSE
0,011	0,305	0,001	0,012	0,020	FALSE
0,005	0,300	0,000	0,008	0,021	FALSE
-0,030	0,324	-0,001	0,008	0,023	FALSE
0,011	0,315	0,001	0,011	0,019	FALSE
-0,105	0,311	-0,004	0,012	0,149	FALSE
0,045	0,302	0,001	0,007	0,040	FALSE
-0,045	0,307	-0,002	0,011	0,066	FALSE
-0,060	0,314	-0,003	0,012	0,087	FALSE
0,095	0,313	0,003	0,009	0,149	FALSE
-0,099	0,296	-0,004	0,011	0,147	FALSE
-0,056	0,317	-0,001	0,007	0,054	FALSE
0,021	0,320	0,000	0,007	0,023	FALSE
0,220	0,297	0,009	0,013	0,311	FALSE
-0,057	0,297	-0,002	0,012	0,075	FALSE
-0,047	0,303	-0,002	0,007	0,091	FALSE
0,052	0,308	0,002	0,013	0,056	FALSE
-0,093	0,296	-0,003	0,011	0,117	FALSE
0,041	0,311	0,002	0,008	0,084	FALSE
-0,021	0,316	-0,001	0,012	0,029	FALSE
0,070	0,315	0,002	0,009	0,097	FALSE
0,005	0,307	0,000	0,008	0,011	FALSE
0,079	0,309	0,002	0,012	0,059	FALSE
0,086	0,314	0,003	0,009	0,124	FALSE
0,060	0,303	0,002	0,011	0,080	FALSE
-0,120	0,303	-0,004	0,010	0,148	FALSE
-0,066	0,306	-0,001	0,009	0,058	FALSE
-0,059	0,310	-0,001	0,008	0,064	FALSE
-0,008	0,294	0,000	0,011	0,014	FALSE
-0,023	0,307	-0,001	0,010	0,017	FALSE
0,033	0,316	0,002	0,010	0,071	FALSE
0,074	0,307	0,002	0,007	0,098	FALSE
0,006	0,299	0,000	0,011	0,004	FALSE
0,022	0,327	0,000	0,011	0,014	FALSE
0,048	0,305	0,001	0,008	0,039	FALSE
-0,016	0,300	-0,001	0,012	0,022	FALSE
0,035	0,313	0,002	0,014	0,041	FALSE
0,054	0,308	0,002	0,009	0,083	FALSE
-0,053	0,302	-0,001	0,007	0,055	FALSE
-0,087	0,308	-0,002	0,007	0,140	FALSE
0,003	0,299	-0,002	0,013	0,048	FALSE
0,024	0,309	-0,001	0,013	0,015	FALSE
-0,007	0,304	-0,002	0,012	0,056	FALSE
0,001	0,303	0,000	0,008	0,007	FALSE
0,078	0,304	0,002	0,009	0,092	FALSE
-0,068	0,303	-0,002	0,009	0,104	FALSE
-0,064	0,304	-0,003	0,012	0,104	FALSE
-0,017	0,316	0,000	0,012	0,003	FALSE
-0,005	0,311	0,000	0,011	0,013	FALSE
-0,029	0,311	-0,001	0,009	0,043	FALSE

0,000	0,305	0,000	0,009	0,009	FALSE
0,121	0,310	0,003	0,008	0,129	FALSE
-0,003	0,317	0,000	0,012	0,008	FALSE
0,065	0,294	0,003	0,011	0,116	FALSE
0,105	0,311	0,002	0,008	0,117	FALSE
0,071	0,314	0,003	0,013	0,100	FALSE
0,050	0,310	0,001	0,007	0,064	FALSE
-0,156	0,299	-0,005	0,013	0,164	FALSE
0,114	0,291	0,003	0,012	0,103	FALSE
-0,141	0,301	-0,003	0,007	0,196	FALSE
-0,081	0,310	-0,003	0,008	0,132	FALSE
-0,026	0,319	-0,001	0,008	0,041	FALSE
0,028	0,316	0,000	0,010	0,007	FALSE
-0,013	0,309	-0,001	0,010	0,040	FALSE
-0,019	0,320	-0,002	0,013	0,050	FALSE
0,087	0,307	0,003	0,009	0,127	FALSE
-0,020	0,303	-0,001	0,007	0,040	FALSE
-0,016	0,298	-0,002	0,013	0,052	FALSE
-0,104	0,297	-0,002	0,009	0,082	FALSE
-0,069	0,292	-0,001	0,008	0,051	FALSE
-0,064	0,310	-0,001	0,009	0,033	FALSE
0,101	0,301	0,004	0,012	0,147	FALSE
0,084	0,304	0,003	0,011	0,124	FALSE
0,117	0,293	0,004	0,011	0,171	FALSE
-0,101	0,311	-0,004	0,012	0,140	FALSE
-0,102	0,302	-0,003	0,010	0,125	FALSE
-0,046	0,311	-0,001	0,006	0,072	FALSE
-0,077	0,315	-0,003	0,012	0,080	FALSE
-0,032	0,307	-0,001	0,008	0,050	FALSE
-0,081	0,315	-0,004	0,013	0,112	FALSE
0,073	0,315	0,002	0,008	0,079	FALSE
-0,041	0,302	-0,001	0,008	0,029	FALSE
0,093	0,300	0,003	0,009	0,135	FALSE
-0,012	0,303	0,000	0,007	0,002	FALSE
0,066	0,308	0,002	0,010	0,070	FALSE
-0,044	0,314	-0,002	0,007	0,077	FALSE
-0,016	0,306	-0,001	0,007	0,046	FALSE
-0,037	0,312	-0,001	0,007	0,067	FALSE
0,054	0,317	0,002	0,011	0,059	FALSE
0,077	0,313	0,002	0,010	0,091	FALSE
-0,020	0,310	0,000	0,012	0,007	FALSE
0,006	0,291	0,000	0,006	0,028	FALSE
-0,020	0,305	0,000	0,012	0,002	FALSE
-0,069	0,321	-0,002	0,007	0,082	FALSE
-0,004	0,297	0,000	0,006	0,001	FALSE
-0,017	0,307	0,000	0,007	0,009	FALSE
-0,008	0,306	-0,001	0,008	0,029	FALSE
0,055	0,320	0,002	0,012	0,072	FALSE
-0,002	0,311	0,000	0,009	0,005	FALSE
0,122	0,303	0,004	0,010	0,181	FALSE
-0,110	0,308	-0,002	0,008	0,118	FALSE
0,024	0,309	0,001	0,008	0,042	FALSE
0,085	0,298	0,004	0,012	0,143	FALSE

0,059	0,318	0,003	0,013	0,084	FALSE
-0,083	0,317	-0,003	0,011	0,115	FALSE
0,072	0,299	0,002	0,008	0,079	FALSE
-0,142	0,311	-0,005	0,011	0,212	FALSE
0,049	0,311	0,001	0,007	0,050	FALSE
0,034	0,314	0,001	0,007	0,065	FALSE
-0,073	0,298	-0,003	0,011	0,114	FALSE
-0,138	0,314	-0,007	0,012	0,242	FALSE
-0,070	0,322	-0,002	0,011	0,070	FALSE
-0,111	0,310	-0,004	0,011	0,141	FALSE
-0,031	0,311	0,000	0,008	0,013	FALSE
-0,018	0,314	0,000	0,008	0,012	FALSE
0,059	0,317	0,001	0,011	0,048	FALSE
0,014	0,299	0,001	0,012	0,033	FALSE
-0,074	0,311	-0,001	0,008	0,055	FALSE
-0,064	0,308	-0,001	0,007	0,055	FALSE
-0,098	0,318	-0,002	0,007	0,087	FALSE
0,159	0,294	0,004	0,007	0,241	FALSE
-0,150	0,290	-0,006	0,009	0,275	FALSE
0,013	0,299	0,001	0,011	0,024	FALSE
0,046	0,284	0,002	0,010	0,062	FALSE
-0,083	0,317	-0,003	0,011	0,109	FALSE
-0,272	0,300	-0,008	0,009	0,441	FALSE
-0,101	0,310	-0,002	0,007	0,109	FALSE
0,119	0,310	0,005	0,012	0,177	FALSE
-0,016	0,311	0,000	0,008	0,020	FALSE
-0,010	0,306	0,000	0,008	0,016	FALSE
-0,024	0,312	-0,001	0,007	0,034	FALSE
0,113	0,296	0,004	0,009	0,180	FALSE
-0,106	0,318	-0,005	0,012	0,145	FALSE
-0,066	0,298	-0,001	0,007	0,077	FALSE
0,034	0,313	0,000	0,007	0,015	FALSE
0,044	0,304	0,001	0,012	0,038	FALSE
-0,085	0,314	-0,002	0,007	0,102	FALSE
0,079	0,316	0,003	0,011	0,091	FALSE
0,003	0,313	0,000	0,011	0,007	FALSE
-0,147	0,313	-0,005	0,010	0,199	FALSE
-0,074	0,317	-0,002	0,012	0,075	FALSE
0,048	0,306	0,002	0,007	0,100	FALSE
0,019	0,314	0,000	0,011	0,014	FALSE
0,004	0,301	0,000	0,012	0,005	FALSE
-0,036	0,313	0,000	0,012	0,013	FALSE
0,023	0,303	0,001	0,011	0,042	FALSE
0,011	0,313	0,001	0,009	0,028	FALSE
0,084	0,312	0,002	0,008	0,096	FALSE
0,076	0,305	0,003	0,013	0,092	FALSE
0,015	0,306	0,000	0,008	0,007	FALSE
-0,015	0,307	0,000	0,007	0,024	FALSE
-0,069	0,305	-0,002	0,007	0,101	FALSE
-0,098	0,313	-0,003	0,010	0,113	FALSE
0,007	0,309	0,001	0,012	0,027	FALSE
-0,081	0,305	-0,002	0,011	0,072	FALSE
0,120	0,311	0,004	0,008	0,177	FALSE

-0,085	0,307	-0,002	0,007	0,104	FALSE
-0,051	0,316	-0,001	0,008	0,050	FALSE
0,026	0,324	0,001	0,007	0,047	FALSE
0,097	0,303	0,002	0,009	0,098	FALSE
0,093	0,321	0,003	0,011	0,098	FALSE
0,007	0,299	0,001	0,011	0,021	FALSE
0,063	0,312	0,002	0,010	0,057	FALSE
-0,023	0,301	0,000	0,010	0,015	FALSE
-0,041	0,306	-0,002	0,012	0,066	FALSE
0,052	0,306	0,001	0,008	0,030	FALSE
-0,016	0,308	-0,001	0,007	0,033	FALSE
-0,015	0,308	-0,001	0,010	0,043	FALSE
0,178	0,288	0,004	0,006	0,274	FALSE
0,119	0,298	0,002	0,006	0,125	FALSE
0,003	0,320	0,000	0,008	0,017	FALSE
-0,054	0,301	-0,001	0,007	0,045	FALSE
-0,016	0,300	-0,001	0,011	0,034	FALSE
0,005	0,313	0,000	0,011	0,016	FALSE
0,018	0,319	0,000	0,011	0,006	FALSE
0,064	0,294	0,003	0,008	0,118	FALSE
0,104	0,298	0,004	0,012	0,139	FALSE
-0,242	0,285	-0,007	0,009	0,374	FALSE
0,115	0,300	0,004	0,008	0,213	FALSE
-0,121	0,312	-0,003	0,008	0,173	FALSE
-0,186	0,305	-0,006	0,009	0,279	FALSE
0,031	0,312	0,001	0,013	0,029	FALSE
-0,070	0,301	-0,001	0,006	0,085	FALSE
0,015	0,317	0,001	0,007	0,048	FALSE
0,012	0,309	0,001	0,012	0,031	FALSE
0,038	0,309	0,002	0,013	0,048	FALSE
0,056	0,306	0,002	0,010	0,087	FALSE
0,035	0,319	0,002	0,012	0,048	FALSE
-0,034	0,299	-0,002	0,008	0,076	FALSE
-0,006	0,316	0,000	0,013	0,010	FALSE
-0,010	0,312	-0,001	0,010	0,039	FALSE
0,035	0,328	0,000	0,007	0,021	FALSE
-0,012	0,309	-0,001	0,011	0,024	FALSE
-0,075	0,303	-0,003	0,009	0,122	FALSE
-0,056	0,324	-0,001	0,007	0,075	FALSE
-0,135	0,308	-0,003	0,009	0,148	FALSE
-0,026	0,317	0,000	0,007	0,020	FALSE
-0,036	0,317	-0,001	0,009	0,049	FALSE
0,037	0,301	0,001	0,012	0,035	FALSE
-0,079	0,303	-0,002	0,007	0,105	FALSE
-0,109	0,294	-0,005	0,011	0,208	FALSE
-0,055	0,313	-0,001	0,007	0,074	FALSE
-0,035	0,298	-0,001	0,006	0,033	FALSE
-0,033	0,311	-0,001	0,009	0,044	FALSE
-0,024	0,311	-0,001	0,009	0,028	FALSE
-0,031	0,308	-0,001	0,009	0,053	FALSE
0,163	0,315	0,004	0,007	0,236	FALSE
-0,102	0,295	-0,005	0,012	0,172	FALSE
-0,003	0,304	0,000	0,012	0,012	FALSE

-0,030	0,299	-0,001	0,009	0,030	FALSE
0,081	0,310	0,002	0,008	0,086	FALSE
0,084	0,305	0,002	0,007	0,090	FALSE
0,059	0,297	0,002	0,007	0,114	FALSE
0,118	0,301	0,004	0,011	0,134	FALSE
-0,060	0,308	-0,002	0,011	0,071	FALSE
-0,050	0,309	-0,001	0,010	0,046	FALSE
-0,086	0,305	-0,002	0,008	0,100	FALSE
0,124	0,318	0,003	0,007	0,156	FALSE
0,094	0,308	0,002	0,007	0,105	FALSE
0,031	0,298	0,001	0,007	0,028	FALSE
0,008	0,306	0,000	0,010	0,011	FALSE
-0,090	0,282	-0,002	0,010	0,090	FALSE
0,027	0,298	0,001	0,009	0,029	FALSE
0,185	0,305	0,006	0,010	0,288	FALSE
0,013	0,305	0,000	0,008	0,010	FALSE
-0,075	0,307	-0,003	0,009	0,114	FALSE
-0,039	0,316	-0,001	0,007	0,041	FALSE
-0,050	0,293	-0,001	0,007	0,069	FALSE
-0,053	0,294	0,000	0,009	0,016	FALSE
0,001	0,307	0,000	0,007	0,005	FALSE
-0,012	0,301	0,000	0,007	0,015	FALSE
-0,043	0,305	-0,001	0,010	0,044	FALSE
0,027	0,298	0,000	0,011	0,001	FALSE
0,007	0,299	0,000	0,011	0,006	FALSE
-0,084	0,298	-0,002	0,007	0,093	FALSE
-0,025	0,307	0,000	0,008	0,017	FALSE
0,075	0,309	0,002	0,007	0,118	FALSE
-0,163	0,297	-0,004	0,008	0,205	FALSE
-0,152	0,276	-0,004	0,007	0,233	FALSE
0,050	0,301	0,002	0,008	0,072	FALSE
-0,172	0,303	-0,008	0,012	0,285	FALSE
-0,068	0,312	-0,002	0,010	0,069	FALSE
-0,130	0,306	-0,005	0,010	0,218	FALSE
0,128	0,313	0,005	0,012	0,166	FALSE
-0,101	0,310	-0,003	0,009	0,111	FALSE
0,009	0,310	0,000	0,009	0,010	FALSE
-0,063	0,303	-0,003	0,013	0,081	FALSE
-0,069	0,312	-0,003	0,011	0,085	FALSE
0,145	0,304	0,005	0,011	0,202	FALSE
0,127	0,300	0,005	0,010	0,188	FALSE
-0,065	0,306	-0,002	0,011	0,071	FALSE
-0,099	0,310	-0,002	0,007	0,148	FALSE
-0,091	0,306	-0,002	0,006	0,132	FALSE
0,034	0,313	0,001	0,008	0,039	FALSE
0,061	0,308	0,003	0,013	0,080	FALSE
0,069	0,306	0,003	0,012	0,086	FALSE
-0,111	0,297	-0,003	0,007	0,142	FALSE
-0,135	0,301	-0,003	0,007	0,178	FALSE
0,065	0,305	0,003	0,013	0,080	FALSE
-0,078	0,301	-0,004	0,013	0,112	FALSE
-0,014	0,308	0,000	0,007	0,018	FALSE
-0,020	0,299	-0,001	0,013	0,032	FALSE

0,098	0,299	0,004	0,012	0,138	FALSE
-0,049	0,300	-0,001	0,011	0,044	FALSE
0,129	0,308	0,003	0,008	0,165	FALSE
-0,028	0,294	0,000	0,010	0,007	FALSE
0,070	0,318	0,002	0,009	0,086	FALSE
-0,075	0,295	-0,003	0,012	0,091	FALSE
0,005	0,302	0,000	0,009	0,013	FALSE
0,005	0,312	0,000	0,007	0,023	FALSE
-0,021	0,312	-0,002	0,013	0,046	FALSE
-0,038	0,303	-0,002	0,012	0,063	FALSE
0,026	0,301	0,000	0,006	0,012	FALSE
-0,070	0,319	-0,003	0,011	0,109	FALSE
-0,069	0,314	-0,003	0,011	0,097	FALSE
0,031	0,297	0,001	0,007	0,075	FALSE
0,022	0,309	0,001	0,007	0,044	FALSE
-0,087	0,311	-0,002	0,007	0,107	FALSE
-0,106	0,301	-0,003	0,007	0,152	FALSE
-0,044	0,311	-0,001	0,007	0,039	FALSE
0,042	0,306	0,001	0,008	0,026	FALSE
0,108	0,293	0,003	0,006	0,160	FALSE
0,024	0,313	0,000	0,013	0,011	FALSE
-0,023	0,310	-0,001	0,012	0,040	FALSE
-0,001	0,312	0,000	0,013	0,001	FALSE
-0,041	0,312	-0,001	0,012	0,037	FALSE
0,038	0,312	0,002	0,013	0,046	FALSE
0,034	0,315	0,002	0,011	0,051	FALSE
-0,041	0,301	-0,001	0,007	0,051	FALSE
0,135	0,307	0,004	0,008	0,191	FALSE
0,036	0,300	0,001	0,010	0,033	FALSE
-0,001	0,322	0,001	0,013	0,022	FALSE
0,037	0,300	0,001	0,011	0,046	FALSE
-0,094	0,311	-0,003	0,009	0,125	FALSE
-0,079	0,303	-0,003	0,009	0,107	FALSE
-0,017	0,305	0,000	0,008	0,012	FALSE
0,047	0,314	0,002	0,012	0,052	FALSE
0,066	0,310	0,001	0,007	0,082	FALSE
0,029	0,306	0,003	0,012	0,081	FALSE
0,063	0,309	0,004	0,012	0,117	FALSE
0,004	0,322	0,001	0,008	0,027	FALSE
-0,079	0,315	-0,003	0,012	0,102	FALSE
-0,132	0,301	-0,004	0,008	0,187	FALSE
-0,145	0,313	-0,006	0,013	0,184	FALSE
0,165	0,293	0,005	0,009	0,223	FALSE
0,170	0,296	0,005	0,008	0,239	FALSE
0,179	0,290	0,005	0,008	0,255	FALSE
0,072	0,314	0,002	0,009	0,099	FALSE
0,061	0,303	0,002	0,010	0,086	FALSE
0,047	0,305	0,001	0,013	0,034	FALSE
0,038	0,307	0,002	0,011	0,087	FALSE
0,104	0,288	0,005	0,012	0,149	FALSE
0,083	0,292	0,004	0,012	0,131	FALSE
-0,120	0,308	-0,005	0,010	0,188	FALSE
-0,026	0,303	-0,001	0,012	0,044	FALSE

-0,027	0,312	-0,001	0,012	0,026	FALSE
0,060	0,314	0,002	0,012	0,077	FALSE
-0,049	0,293	-0,003	0,012	0,082	FALSE
0,136	0,304	0,006	0,011	0,205	FALSE
0,139	0,298	0,005	0,010	0,190	FALSE
0,047	0,309	0,001	0,008	0,059	FALSE
-0,038	0,307	-0,002	0,013	0,061	FALSE
-0,035	0,302	-0,001	0,006	0,055	FALSE
0,194	0,299	0,007	0,010	0,310	FALSE
0,052	0,300	0,001	0,010	0,053	FALSE
-0,033	0,302	0,000	0,012	0,010	FALSE
-0,092	0,298	-0,003	0,011	0,095	FALSE
-0,072	0,306	-0,003	0,012	0,095	FALSE
-0,090	0,294	-0,004	0,010	0,166	FALSE
-0,080	0,298	-0,004	0,012	0,132	FALSE
0,100	0,293	0,002	0,006	0,107	FALSE
0,100	0,307	0,002	0,007	0,100	FALSE
-0,089	0,324	-0,003	0,009	0,109	FALSE
0,070	0,303	0,004	0,013	0,117	FALSE
0,038	0,293	0,003	0,011	0,097	FALSE
0,047	0,298	0,001	0,007	0,087	FALSE
0,031	0,328	0,001	0,010	0,033	FALSE
0,093	0,300	0,003	0,007	0,157	FALSE
-0,095	0,305	-0,004	0,013	0,131	FALSE
-0,031	0,307	-0,001	0,011	0,026	FALSE
-0,020	0,320	-0,001	0,012	0,020	FALSE
-0,009	0,316	0,000	0,011	0,008	FALSE
0,069	0,313	0,003	0,013	0,103	FALSE
0,043	0,294	0,001	0,009	0,022	FALSE
-0,007	0,307	-0,001	0,010	0,043	FALSE
-0,110	0,291	-0,006	0,012	0,205	FALSE
0,065	0,310	0,003	0,010	0,095	FALSE
-0,031	0,304	-0,001	0,007	0,032	FALSE
-0,103	0,303	-0,005	0,012	0,158	FALSE
-0,093	0,298	-0,004	0,012	0,133	FALSE
0,001	0,312	0,001	0,012	0,016	FALSE
-0,006	0,305	0,000	0,008	0,010	FALSE
-0,039	0,296	-0,001	0,009	0,031	FALSE
-0,095	0,307	-0,002	0,008	0,128	FALSE
-0,045	0,305	-0,002	0,008	0,073	FALSE
-0,043	0,312	-0,001	0,008	0,042	FALSE
-0,134	0,307	-0,002	0,006	0,150	FALSE
-0,072	0,299	-0,002	0,008	0,076	FALSE
0,043	0,303	0,001	0,008	0,063	FALSE
-0,043	0,306	-0,001	0,010	0,052	FALSE
-0,026	0,326	0,000	0,011	0,013	FALSE
0,015	0,321	0,001	0,009	0,022	FALSE
0,059	0,315	0,002	0,013	0,069	FALSE
-0,034	0,308	-0,001	0,009	0,047	FALSE
-0,174	0,314	-0,004	0,008	0,210	FALSE
0,063	0,308	0,002	0,008	0,119	FALSE
0,003	0,294	-0,001	0,008	0,034	FALSE
-0,036	0,307	-0,002	0,011	0,065	FALSE

-0,114	0,295	-0,005	0,013	0,175	FALSE
-0,037	0,302	0,000	0,011	0,015	FALSE
0,094	0,303	0,002	0,008	0,101	FALSE
0,052	0,296	0,001	0,010	0,053	FALSE
0,040	0,306	0,002	0,009	0,085	FALSE
0,003	0,315	0,000	0,008	0,008	FALSE
0,078	0,302	0,002	0,007	0,083	FALSE
0,031	0,306	0,002	0,012	0,061	FALSE
0,053	0,305	0,001	0,008	0,045	FALSE
-0,013	0,304	-0,001	0,009	0,029	FALSE
-0,108	0,294	-0,003	0,007	0,133	FALSE
0,133	0,307	0,003	0,007	0,158	FALSE
-0,028	0,318	-0,001	0,008	0,032	FALSE
-0,029	0,316	-0,001	0,008	0,039	FALSE
-0,003	0,309	0,000	0,008	0,002	FALSE
-0,023	0,322	0,000	0,013	0,010	FALSE
-0,005	0,312	0,000	0,010	0,001	FALSE
0,008	0,307	0,000	0,009	0,010	FALSE
0,104	0,308	0,003	0,007	0,160	FALSE
-0,015	0,299	0,000	0,010	0,011	FALSE
0,127	0,302	0,002	0,007	0,139	FALSE
-0,086	0,313	-0,002	0,008	0,089	FALSE
-0,079	0,313	-0,001	0,007	0,053	FALSE
0,060	0,305	0,002	0,008	0,108	FALSE
0,061	0,298	0,002	0,011	0,081	FALSE
-0,023	0,327	-0,001	0,007	0,033	FALSE
0,055	0,306	0,001	0,008	0,052	FALSE
0,147	0,303	0,003	0,007	0,197	FALSE
0,145	0,300	0,003	0,007	0,194	FALSE
0,042	0,312	0,001	0,008	0,044	FALSE
-0,015	0,303	-0,001	0,009	0,026	FALSE
0,001	0,308	0,000	0,007	0,014	FALSE
0,081	0,305	0,002	0,011	0,073	FALSE
-0,015	0,310	0,000	0,011	0,009	FALSE
-0,050	0,308	-0,001	0,007	0,066	FALSE
-0,015	0,303	0,000	0,010	0,009	FALSE
0,026	0,300	0,001	0,010	0,022	FALSE
-0,051	0,310	-0,002	0,008	0,076	FALSE
0,084	0,304	0,003	0,009	0,146	FALSE
-0,021	0,322	-0,001	0,010	0,045	FALSE
-0,060	0,310	-0,002	0,009	0,106	FALSE
0,013	0,306	0,001	0,009	0,041	FALSE
0,035	0,314	0,000	0,008	0,006	FALSE
0,031	0,309	0,002	0,010	0,065	FALSE
0,017	0,301	0,001	0,008	0,024	FALSE
0,030	0,298	0,001	0,012	0,020	FALSE
-0,042	0,308	-0,001	0,009	0,043	FALSE
0,012	0,293	0,000	0,012	0,000	FALSE
-0,038	0,321	-0,001	0,009	0,041	FALSE
-0,099	0,311	-0,004	0,014	0,101	FALSE
-0,218	0,292	-0,010	0,013	0,349	FALSE
-0,092	0,316	-0,002	0,009	0,086	FALSE
0,051	0,313	0,001	0,008	0,065	FALSE

0,087	0,305	0,002	0,007	0,091	FALSE
-0,128	0,311	-0,004	0,009	0,167	FALSE
-0,149	0,314	-0,004	0,008	0,184	FALSE
0,103	0,313	0,004	0,012	0,125	FALSE
-0,040	0,312	-0,002	0,011	0,051	FALSE
-0,014	0,312	0,000	0,008	0,009	FALSE
-0,026	0,303	-0,001	0,008	0,034	FALSE
-0,005	0,302	-0,001	0,008	0,027	FALSE
0,094	0,310	0,002	0,007	0,134	FALSE
0,031	0,308	0,001	0,012	0,031	FALSE
0,000	0,322	0,000	0,009	0,018	FALSE
-0,009	0,302	0,000	0,009	0,013	FALSE
-0,032	0,312	-0,001	0,009	0,040	FALSE
-0,112	0,305	-0,004	0,011	0,141	FALSE
-0,061	0,294	-0,002	0,010	0,081	FALSE
-0,027	0,304	-0,001	0,011	0,035	FALSE
-0,016	0,300	-0,001	0,011	0,023	FALSE
0,022	0,304	0,000	0,009	0,019	FALSE
0,053	0,302	0,003	0,010	0,093	FALSE
-0,017	0,302	0,000	0,011	0,014	FALSE
0,025	0,309	0,001	0,009	0,035	FALSE
-0,061	0,307	-0,001	0,007	0,052	FALSE
-0,040	0,301	-0,001	0,008	0,051	FALSE
0,030	0,292	0,001	0,008	0,042	FALSE
0,026	0,304	0,001	0,008	0,035	FALSE
-0,011	0,311	0,000	0,007	0,016	FALSE
0,055	0,310	0,002	0,008	0,084	FALSE
0,002	0,296	0,000	0,008	0,017	FALSE
-0,088	0,306	-0,002	0,006	0,143	FALSE
0,107	0,296	0,004	0,011	0,152	FALSE
0,012	0,308	0,001	0,012	0,016	FALSE
0,064	0,307	0,003	0,011	0,096	FALSE
0,057	0,306	0,002	0,011	0,052	FALSE
0,069	0,312	0,003	0,010	0,100	FALSE
0,095	0,303	0,001	0,006	0,069	FALSE
-0,029	0,315	-0,001	0,009	0,038	FALSE
0,067	0,305	0,002	0,007	0,089	FALSE
0,051	0,305	0,003	0,012	0,091	FALSE
0,039	0,305	0,003	0,013	0,075	FALSE
0,050	0,296	0,003	0,012	0,089	FALSE
-0,029	0,304	-0,002	0,013	0,049	FALSE
0,036	0,316	0,002	0,012	0,056	FALSE
0,104	0,306	0,002	0,007	0,099	FALSE
0,052	0,309	0,002	0,011	0,082	FALSE
-0,017	0,301	0,000	0,007	0,023	FALSE
-0,096	0,318	-0,002	0,007	0,101	FALSE
-0,026	0,322	-0,001	0,007	0,035	FALSE
-0,057	0,302	-0,002	0,011	0,063	FALSE
-0,190	0,311	-0,008	0,013	0,274	FALSE
-0,023	0,311	-0,001	0,007	0,033	FALSE
0,033	0,300	0,001	0,011	0,023	FALSE
-0,131	0,330	-0,003	0,009	0,131	FALSE
0,111	0,301	0,004	0,011	0,148	FALSE

0,088	0,302	0,002	0,007	0,121	FALSE
-0,101	0,311	-0,005	0,012	0,159	FALSE
0,101	0,311	0,002	0,007	0,118	FALSE
0,156	0,306	0,003	0,007	0,190	FALSE
0,185	0,302	0,008	0,012	0,276	FALSE
0,026	0,313	0,000	0,006	0,025	FALSE
0,041	0,304	0,001	0,007	0,044	FALSE
0,226	0,295	0,006	0,008	0,357	FALSE
0,016	0,303	0,001	0,007	0,033	FALSE
-0,045	0,313	-0,002	0,012	0,055	FALSE
-0,073	0,315	-0,003	0,012	0,094	FALSE
-0,028	0,312	0,000	0,011	0,002	FALSE
-0,012	0,311	0,000	0,007	0,012	FALSE
0,108	0,302	0,002	0,007	0,089	FALSE
-0,039	0,313	-0,001	0,007	0,057	FALSE
-0,008	0,292	-0,001	0,011	0,031	FALSE
0,009	0,302	0,001	0,013	0,037	FALSE
0,120	0,300	0,005	0,012	0,171	FALSE
0,139	0,307	0,006	0,013	0,200	FALSE
0,126	0,301	0,005	0,012	0,181	FALSE
0,050	0,298	0,002	0,012	0,053	FALSE
0,045	0,321	0,001	0,011	0,048	FALSE
-0,069	0,314	-0,002	0,010	0,089	FALSE
-0,047	0,305	-0,002	0,011	0,072	FALSE
-0,050	0,314	-0,001	0,009	0,059	FALSE
-0,089	0,303	-0,003	0,009	0,117	FALSE
0,122	0,308	0,006	0,013	0,187	FALSE
0,116	0,308	0,005	0,013	0,171	FALSE
0,082	0,314	0,002	0,007	0,132	FALSE
-0,079	0,301	-0,003	0,008	0,140	FALSE
0,086	0,306	0,003	0,007	0,143	FALSE
-0,037	0,296	-0,003	0,011	0,096	FALSE
0,065	0,301	0,002	0,011	0,054	FALSE
0,050	0,306	0,001	0,006	0,081	FALSE
0,032	0,309	0,001	0,009	0,046	FALSE
0,019	0,308	-0,001	0,013	0,020	FALSE
0,052	0,314	0,002	0,012	0,046	FALSE
0,124	0,308	0,003	0,006	0,178	FALSE
0,084	0,295	0,002	0,011	0,083	FALSE
0,056	0,307	0,001	0,007	0,034	FALSE
0,078	0,309	0,002	0,010	0,068	FALSE
0,000	0,307	0,000	0,011	0,004	FALSE
-0,062	0,292	-0,002	0,012	0,063	FALSE
0,035	0,302	0,001	0,012	0,025	FALSE
-0,131	0,306	-0,005	0,010	0,196	FALSE
-0,119	0,316	-0,004	0,011	0,155	FALSE
-0,062	0,298	-0,001	0,007	0,072	FALSE
-0,005	0,299	0,001	0,006	0,032	FALSE
-0,067	0,309	-0,002	0,008	0,107	FALSE
-0,031	0,306	-0,001	0,007	0,059	FALSE
0,018	0,301	0,000	0,011	0,013	FALSE
0,059	0,312	0,002	0,011	0,077	FALSE
0,035	0,317	0,002	0,010	0,070	FALSE

-0,015	0,318	-0,001	0,013	0,026	FALSE
-0,078	0,319	-0,002	0,008	0,094	FALSE
-0,028	0,318	-0,001	0,009	0,038	FALSE
0,001	0,310	0,001	0,011	0,019	FALSE
0,010	0,309	0,001	0,010	0,022	FALSE
0,072	0,317	0,003	0,011	0,089	FALSE
0,028	0,299	0,001	0,013	0,030	FALSE
0,052	0,309	0,001	0,011	0,033	FALSE
0,006	0,308	0,000	0,010	0,008	FALSE
0,007	0,308	0,000	0,013	0,002	FALSE
0,007	0,309	0,000	0,013	0,008	FALSE
-0,003	0,308	0,000	0,013	0,001	FALSE
0,025	0,302	0,001	0,012	0,025	FALSE
-0,059	0,306	-0,001	0,008	0,054	FALSE
0,035	0,296	0,001	0,012	0,039	FALSE
0,109	0,301	0,003	0,008	0,142	FALSE
-0,033	0,305	-0,001	0,007	0,029	FALSE
-0,100	0,305	-0,003	0,010	0,107	FALSE
0,051	0,310	0,002	0,012	0,052	FALSE
0,056	0,312	0,001	0,012	0,021	FALSE
0,073	0,303	0,002	0,012	0,051	FALSE
-0,090	0,302	-0,002	0,011	0,088	FALSE
-0,003	0,308	-0,001	0,007	0,036	FALSE
-0,013	0,312	0,000	0,009	0,006	FALSE
0,000	0,319	0,000	0,010	0,013	FALSE
-0,157	0,297	-0,007	0,011	0,261	FALSE
-0,066	0,299	-0,003	0,011	0,112	FALSE
-0,004	0,310	0,001	0,012	0,028	FALSE
-0,011	0,312	0,000	0,007	0,015	FALSE
-0,065	0,314	-0,001	0,008	0,049	FALSE
0,050	0,301	0,002	0,011	0,067	FALSE
0,044	0,314	0,002	0,010	0,054	FALSE
-0,045	0,313	-0,002	0,011	0,051	FALSE
-0,005	0,312	0,000	0,012	0,005	FALSE
-0,057	0,313	-0,001	0,007	0,067	FALSE
-0,076	0,302	-0,003	0,012	0,082	FALSE
-0,037	0,309	-0,001	0,013	0,038	FALSE
0,034	0,306	0,001	0,007	0,051	FALSE
0,071	0,316	0,003	0,013	0,079	FALSE
-0,035	0,317	-0,002	0,013	0,043	FALSE
-0,007	0,304	0,000	0,007	0,005	FALSE
-0,028	0,315	-0,001	0,007	0,036	FALSE
0,128	0,309	0,005	0,013	0,149	FALSE
0,042	0,301	0,002	0,007	0,082	FALSE
0,061	0,309	0,001	0,007	0,071	FALSE
-0,055	0,313	-0,002	0,011	0,087	FALSE
0,037	0,302	0,001	0,009	0,043	FALSE
0,063	0,307	0,003	0,011	0,099	FALSE
0,071	0,303	0,003	0,010	0,106	FALSE
0,081	0,311	0,003	0,010	0,116	FALSE
0,092	0,311	0,004	0,013	0,108	FALSE
0,075	0,312	0,003	0,013	0,081	FALSE
0,101	0,311	0,004	0,013	0,122	FALSE

-0,091	0,314	-0,003	0,010	0,124	FALSE
-0,032	0,321	-0,001	0,010	0,051	FALSE
-0,049	0,316	-0,002	0,011	0,053	FALSE
0,078	0,317	0,002	0,012	0,064	FALSE
0,004	0,317	0,000	0,007	0,007	FALSE
0,016	0,302	0,001	0,007	0,041	FALSE
0,059	0,305	0,002	0,012	0,061	FALSE
0,073	0,310	0,002	0,009	0,075	FALSE
-0,001	0,305	-0,001	0,012	0,029	FALSE
0,074	0,315	0,003	0,011	0,093	FALSE
0,076	0,318	0,002	0,006	0,092	FALSE
-0,118	0,305	-0,005	0,012	0,160	FALSE
-0,005	0,301	0,000	0,012	0,007	FALSE
-0,025	0,328	-0,001	0,013	0,020	FALSE
-0,011	0,307	0,000	0,007	0,017	FALSE
-0,073	0,301	-0,004	0,011	0,143	FALSE
-0,069	0,312	-0,002	0,008	0,079	FALSE
0,022	0,324	0,001	0,007	0,044	FALSE
-0,058	0,312	-0,002	0,011	0,063	FALSE
0,032	0,301	0,002	0,010	0,061	FALSE
0,035	0,315	0,001	0,006	0,054	FALSE
0,050	0,312	0,001	0,011	0,047	FALSE
0,047	0,309	0,001	0,008	0,045	FALSE
-0,017	0,309	0,000	0,012	0,003	FALSE
-0,052	0,317	-0,001	0,008	0,038	FALSE
-0,009	0,304	-0,001	0,006	0,045	FALSE
0,118	0,289	0,004	0,009	0,172	FALSE
0,045	0,309	0,002	0,010	0,061	FALSE
0,039	0,308	0,001	0,007	0,049	FALSE
0,099	0,313	0,002	0,009	0,106	FALSE
0,034	0,310	0,001	0,008	0,038	FALSE
0,018	0,305	0,000	0,007	0,013	FALSE
0,060	0,315	0,003	0,011	0,087	FALSE
-0,022	0,316	0,000	0,010	0,001	FALSE
-0,026	0,300	-0,001	0,007	0,062	FALSE
0,038	0,291	0,002	0,010	0,067	FALSE
0,059	0,294	0,002	0,008	0,079	FALSE
0,064	0,319	0,003	0,012	0,096	FALSE
-0,062	0,329	-0,003	0,011	0,097	FALSE
-0,051	0,305	-0,002	0,010	0,082	FALSE
-0,066	0,308	-0,003	0,011	0,096	FALSE
-0,064	0,307	-0,003	0,010	0,107	FALSE
0,085	0,308	0,002	0,009	0,074	FALSE
0,015	0,308	0,000	0,012	0,006	FALSE
0,044	0,308	0,001	0,008	0,028	FALSE
-0,045	0,311	-0,001	0,006	0,039	FALSE
0,069	0,293	0,001	0,009	0,040	FALSE
-0,042	0,317	-0,001	0,007	0,063	FALSE
-0,084	0,314	-0,002	0,007	0,092	FALSE
0,006	0,317	0,001	0,007	0,027	FALSE
0,066	0,302	0,002	0,012	0,054	FALSE
0,002	0,316	0,000	0,007	0,002	FALSE
0,083	0,325	0,002	0,011	0,073	FALSE

0,073	0,307	0,003	0,011	0,120	FALSE
-0,004	0,306	0,000	0,009	0,014	FALSE
0,019	0,309	0,000	0,008	0,014	FALSE
-0,036	0,321	-0,001	0,013	0,033	FALSE
0,132	0,302	0,005	0,011	0,173	FALSE
-0,031	0,317	-0,002	0,013	0,050	FALSE
0,068	0,295	0,003	0,011	0,098	FALSE
-0,038	0,299	-0,001	0,011	0,020	FALSE
0,047	0,309	0,001	0,007	0,076	FALSE
0,190	0,298	0,008	0,012	0,296	FALSE
-0,109	0,323	-0,005	0,013	0,148	FALSE
-0,106	0,314	-0,005	0,013	0,144	FALSE
-0,034	0,324	-0,001	0,009	0,058	FALSE
0,123	0,304	0,004	0,009	0,165	FALSE
0,104	0,291	0,002	0,007	0,118	FALSE
0,046	0,314	0,002	0,012	0,050	FALSE
0,011	0,307	0,000	0,008	0,019	FALSE
-0,042	0,300	-0,003	0,010	0,101	FALSE
0,136	0,307	0,004	0,007	0,208	FALSE
0,048	0,309	0,002	0,009	0,070	FALSE
0,064	0,299	0,001	0,006	0,072	FALSE
0,033	0,315	0,001	0,012	0,035	FALSE
0,041	0,313	0,001	0,007	0,058	FALSE
0,140	0,301	0,003	0,008	0,158	FALSE
0,146	0,299	0,003	0,008	0,184	FALSE
-0,077	0,311	-0,002	0,008	0,122	FALSE
-0,032	0,305	-0,001	0,009	0,047	FALSE
-0,003	0,320	-0,001	0,009	0,020	FALSE
-0,004	0,306	0,000	0,009	0,004	FALSE
0,005	0,301	0,000	0,008	0,003	FALSE
0,003	0,297	0,000	0,008	0,003	FALSE
-0,007	0,299	0,000	0,008	0,002	FALSE
0,030	0,310	0,001	0,008	0,042	FALSE
0,039	0,294	0,001	0,008	0,050	FALSE
0,002	0,305	0,000	0,008	0,002	FALSE
-0,092	0,300	-0,006	0,013	0,175	FALSE
-0,083	0,314	-0,003	0,013	0,079	FALSE
0,001	0,305	0,000	0,008	0,016	FALSE
-0,016	0,290	0,000	0,008	0,001	FALSE
-0,095	0,309	-0,004	0,012	0,138	FALSE
-0,102	0,305	-0,004	0,011	0,125	FALSE
-0,075	0,294	-0,004	0,012	0,125	FALSE
-0,048	0,316	-0,002	0,012	0,056	FALSE
-0,061	0,302	-0,001	0,007	0,067	FALSE
-0,037	0,310	-0,002	0,012	0,049	FALSE
0,111	0,305	0,004	0,010	0,193	FALSE
0,028	0,318	0,001	0,011	0,019	FALSE
0,130	0,298	0,003	0,008	0,163	FALSE
-0,179	0,294	-0,008	0,012	0,277	FALSE
-0,195	0,307	-0,009	0,013	0,312	FALSE
-0,146	0,296	-0,007	0,012	0,231	FALSE
-0,155	0,297	-0,007	0,012	0,235	FALSE
0,008	0,307	0,000	0,013	0,001	FALSE

-0,014	0,318	0,000	0,007	0,013	FALSE
0,023	0,310	0,001	0,012	0,017	FALSE
-0,131	0,309	-0,004	0,009	0,183	FALSE
0,108	0,305	0,005	0,012	0,152	FALSE
0,028	0,315	0,001	0,007	0,040	FALSE
0,066	0,313	0,003	0,013	0,107	FALSE
0,041	0,310	0,003	0,013	0,074	FALSE
0,003	0,318	0,000	0,012	0,005	FALSE
0,061	0,315	0,002	0,013	0,067	FALSE
0,059	0,318	0,002	0,013	0,066	FALSE
-0,050	0,302	-0,001	0,008	0,066	FALSE
-0,051	0,319	-0,001	0,007	0,040	FALSE
0,050	0,310	0,002	0,013	0,068	FALSE
0,062	0,304	0,003	0,009	0,107	FALSE
-0,012	0,307	-0,001	0,009	0,027	FALSE
0,071	0,317	0,003	0,011	0,092	FALSE
-0,028	0,308	-0,001	0,008	0,051	FALSE
0,021	0,313	0,000	0,008	0,020	FALSE
0,048	0,288	0,001	0,006	0,029	FALSE
-0,063	0,312	-0,002	0,009	0,070	FALSE
-0,089	0,302	-0,003	0,009	0,112	FALSE
-0,096	0,320	-0,003	0,011	0,121	FALSE
0,025	0,322	0,001	0,008	0,037	FALSE
-0,047	0,301	-0,002	0,008	0,076	FALSE
-0,166	0,286	-0,007	0,012	0,249	FALSE
0,138	0,308	0,005	0,012	0,178	FALSE
-0,010	0,287	-0,001	0,008	0,026	FALSE
0,117	0,306	0,005	0,012	0,152	FALSE
-0,013	0,287	-0,001	0,008	0,024	FALSE
-0,018	0,314	-0,001	0,009	0,021	FALSE
-0,095	0,302	-0,002	0,008	0,097	FALSE
0,002	0,305	0,000	0,007	0,009	FALSE
-0,029	0,310	0,000	0,008	0,014	FALSE
-0,042	0,313	-0,001	0,010	0,039	FALSE
-0,019	0,304	-0,001	0,006	0,036	FALSE
-0,045	0,322	-0,001	0,009	0,043	FALSE
0,013	0,307	0,000	0,006	0,002	FALSE
0,070	0,292	0,003	0,011	0,106	FALSE
0,003	0,302	0,000	0,007	0,021	FALSE
-0,083	0,324	-0,004	0,011	0,131	FALSE
0,029	0,320	0,001	0,007	0,042	FALSE
-0,073	0,312	-0,002	0,007	0,095	FALSE
-0,003	0,303	-0,001	0,007	0,028	FALSE
0,136	0,307	0,003	0,006	0,176	FALSE
-0,075	0,297	-0,002	0,012	0,074	FALSE
0,052	0,298	0,002	0,008	0,115	FALSE
-0,035	0,300	0,000	0,011	0,012	FALSE
-0,073	0,308	-0,002	0,008	0,089	FALSE
-0,046	0,301	-0,002	0,010	0,060	FALSE
-0,016	0,301	-0,001	0,009	0,047	FALSE
0,093	0,322	0,002	0,007	0,124	FALSE
-0,016	0,310	-0,001	0,007	0,033	FALSE
0,048	0,309	0,001	0,007	0,063	FALSE

-0,093	0,316	-0,002	0,008	0,093	FALSE
-0,004	0,301	0,000	0,009	0,011	FALSE
0,029	0,296	0,000	0,007	0,022	FALSE
0,064	0,293	0,001	0,007	0,065	FALSE
-0,013	0,298	0,000	0,008	0,002	FALSE
-0,019	0,304	0,000	0,006	0,012	FALSE
-0,101	0,310	-0,004	0,013	0,128	FALSE
0,138	0,308	0,003	0,007	0,193	FALSE
-0,047	0,304	-0,001	0,007	0,056	FALSE
0,194	0,310	0,006	0,010	0,275	FALSE
0,081	0,301	0,002	0,006	0,116	FALSE
0,025	0,305	0,001	0,007	0,027	FALSE
0,040	0,308	0,001	0,007	0,048	FALSE
-0,080	0,318	-0,002	0,007	0,080	FALSE
0,051	0,329	0,001	0,008	0,050	FALSE
0,066	0,323	0,003	0,013	0,086	FALSE
-0,121	0,299	-0,003	0,007	0,177	FALSE
0,049	0,308	0,001	0,010	0,031	FALSE
0,139	0,310	0,004	0,010	0,186	FALSE
0,031	0,311	0,001	0,009	0,035	FALSE
-0,011	0,307	0,000	0,012	0,001	FALSE
-0,009	0,308	-0,001	0,012	0,033	FALSE
-0,085	0,315	-0,002	0,009	0,094	FALSE
-0,129	0,322	-0,003	0,007	0,142	FALSE
-0,154	0,291	-0,003	0,006	0,193	FALSE
0,028	0,301	0,001	0,008	0,043	FALSE
-0,073	0,302	-0,002	0,008	0,097	FALSE
0,036	0,308	0,002	0,013	0,048	FALSE
0,064	0,303	0,002	0,007	0,088	FALSE
0,071	0,322	0,002	0,008	0,094	FALSE
0,004	0,307	0,000	0,011	0,015	FALSE
0,010	0,304	0,001	0,008	0,042	FALSE
-0,029	0,302	0,000	0,007	0,015	FALSE
-0,021	0,323	-0,001	0,008	0,032	FALSE
-0,027	0,299	-0,001	0,007	0,043	FALSE
0,042	0,302	0,002	0,011	0,069	FALSE
0,050	0,304	0,002	0,011	0,074	FALSE
-0,004	0,290	0,001	0,011	0,019	FALSE
-0,059	0,311	-0,002	0,010	0,090	FALSE
-0,022	0,309	-0,001	0,007	0,047	FALSE
-0,056	0,315	-0,001	0,007	0,048	FALSE
-0,081	0,308	-0,003	0,011	0,101	FALSE
0,041	0,312	0,001	0,011	0,042	FALSE
-0,145	0,297	-0,006	0,010	0,231	FALSE
-0,032	0,304	-0,001	0,012	0,027	FALSE
-0,010	0,325	0,000	0,013	0,007	FALSE
-0,020	0,304	-0,001	0,011	0,036	FALSE
0,090	0,306	0,002	0,007	0,106	FALSE
-0,043	0,311	-0,002	0,013	0,056	FALSE
-0,022	0,317	0,000	0,009	0,001	FALSE
-0,048	0,324	-0,001	0,008	0,065	FALSE
0,000	0,323	-0,001	0,012	0,016	FALSE
-0,054	0,325	-0,002	0,011	0,060	FALSE

0,157	0,292	0,003	0,007	0,199	FALSE
0,134	0,310	0,005	0,012	0,192	FALSE
0,032	0,309	0,001	0,007	0,058	FALSE
0,049	0,313	0,001	0,007	0,068	FALSE
0,035	0,291	0,001	0,006	0,039	FALSE
0,042	0,321	0,001	0,007	0,055	FALSE
0,197	0,293	0,006	0,009	0,304	FALSE
-0,057	0,313	-0,002	0,013	0,068	FALSE
0,054	0,292	0,002	0,013	0,069	FALSE
0,035	0,307	0,001	0,010	0,030	FALSE
0,063	0,296	0,002	0,007	0,090	FALSE
-0,066	0,296	-0,003	0,012	0,080	FALSE
0,075	0,301	0,001	0,007	0,076	FALSE
0,034	0,307	0,001	0,007	0,059	FALSE
-0,032	0,320	0,000	0,007	0,011	FALSE
-0,032	0,314	-0,001	0,012	0,040	FALSE
-0,033	0,319	-0,001	0,013	0,034	FALSE
0,037	0,320	0,002	0,013	0,063	FALSE
-0,018	0,312	-0,001	0,013	0,036	FALSE
0,025	0,332	0,001	0,008	0,024	FALSE
0,002	0,304	0,001	0,009	0,036	FALSE
0,012	0,305	0,001	0,007	0,034	FALSE
-0,031	0,312	-0,001	0,009	0,026	FALSE
-0,030	0,307	-0,001	0,009	0,031	FALSE
0,168	0,290	0,005	0,007	0,273	FALSE
-0,072	0,304	-0,002	0,010	0,079	FALSE
-0,101	0,303	-0,002	0,008	0,109	FALSE
-0,069	0,297	-0,001	0,008	0,062	FALSE
-0,051	0,298	-0,001	0,007	0,054	FALSE
0,036	0,310	0,001	0,010	0,056	FALSE
0,034	0,314	0,001	0,008	0,034	FALSE
-0,073	0,319	-0,002	0,008	0,075	FALSE
-0,009	0,310	0,000	0,012	0,005	FALSE
0,147	0,300	0,004	0,010	0,177	FALSE
0,074	0,291	0,002	0,010	0,101	FALSE
0,058	0,303	0,002	0,010	0,079	FALSE
-0,101	0,301	-0,004	0,009	0,193	FALSE
0,062	0,302	0,003	0,010	0,116	FALSE
-0,020	0,317	-0,001	0,010	0,033	FALSE
-0,053	0,304	-0,001	0,011	0,051	FALSE
0,045	0,294	0,001	0,006	0,078	FALSE
0,004	0,303	0,000	0,008	0,008	FALSE
-0,015	0,310	0,000	0,008	0,018	FALSE
0,170	0,296	0,007	0,013	0,219	FALSE
0,045	0,320	0,002	0,012	0,071	FALSE
0,193	0,292	0,008	0,012	0,285	FALSE
0,163	0,313	0,006	0,013	0,202	FALSE
-0,054	0,304	-0,001	0,010	0,048	FALSE
0,012	0,304	0,001	0,011	0,028	FALSE
-0,022	0,287	0,000	0,011	0,008	FALSE
0,230	0,286	0,011	0,012	0,411	FALSE
-0,103	0,298	-0,005	0,013	0,170	FALSE
-0,118	0,321	-0,004	0,009	0,193	FALSE

0,007	0,313	0,000	0,010	0,000	FALSE
-0,099	0,306	-0,004	0,010	0,166	FALSE
-0,009	0,307	-0,001	0,008	0,039	FALSE
0,000	0,329	0,000	0,013	0,002	FALSE
0,007	0,321	0,001	0,008	0,037	FALSE
-0,048	0,291	-0,002	0,010	0,059	FALSE
0,119	0,309	0,004	0,008	0,183	FALSE
0,086	0,302	0,004	0,013	0,133	FALSE
0,092	0,308	0,005	0,013	0,152	FALSE
0,083	0,305	0,001	0,006	0,080	FALSE
-0,014	0,296	0,000	0,010	0,000	FALSE
0,084	0,310	0,002	0,007	0,094	FALSE
0,022	0,296	0,000	0,007	0,003	FALSE
-0,124	0,301	-0,005	0,011	0,198	FALSE
0,052	0,294	0,002	0,008	0,086	FALSE
-0,113	0,306	-0,005	0,012	0,181	FALSE
-0,009	0,308	0,000	0,010	0,003	FALSE
0,036	0,306	0,001	0,010	0,044	FALSE
0,009	0,304	0,000	0,007	0,008	FALSE
0,016	0,301	0,001	0,012	0,028	FALSE
0,013	0,304	0,000	0,010	0,014	FALSE
0,046	0,324	0,001	0,007	0,063	FALSE
-0,030	0,306	-0,001	0,009	0,040	FALSE
-0,166	0,294	-0,006	0,010	0,249	FALSE
0,035	0,306	0,002	0,007	0,081	FALSE
-0,092	0,310	-0,002	0,007	0,095	FALSE
-0,010	0,311	0,000	0,007	0,002	FALSE
-0,063	0,313	-0,003	0,013	0,097	FALSE
-0,129	0,300	-0,004	0,011	0,143	FALSE
0,043	0,304	0,001	0,008	0,037	FALSE
0,003	0,308	0,000	0,007	0,004	FALSE
-0,014	0,313	0,000	0,010	0,007	FALSE
0,068	0,290	0,002	0,009	0,101	FALSE
0,018	0,311	0,000	0,007	0,024	FALSE
0,040	0,308	0,002	0,010	0,094	FALSE
-0,046	0,308	-0,002	0,010	0,054	FALSE
-0,036	0,309	-0,001	0,010	0,034	FALSE
0,122	0,298	0,003	0,006	0,235	FALSE
0,111	0,304	0,004	0,012	0,142	FALSE
-0,103	0,308	-0,002	0,008	0,103	FALSE
0,107	0,314	0,004	0,011	0,167	FALSE
0,049	0,315	0,002	0,009	0,064	FALSE
-0,066	0,300	-0,002	0,008	0,069	FALSE
-0,006	0,296	0,000	0,006	0,017	FALSE
-0,030	0,284	0,000	0,007	0,025	FALSE
0,011	0,300	0,000	0,006	0,015	FALSE
-0,010	0,304	0,000	0,008	0,007	FALSE
0,080	0,309	0,002	0,007	0,105	FALSE
0,047	0,303	0,001	0,006	0,070	FALSE
0,081	0,301	0,002	0,008	0,098	FALSE
-0,114	0,310	-0,002	0,007	0,136	FALSE
-0,029	0,316	-0,001	0,007	0,031	FALSE
-0,029	0,303	-0,001	0,007	0,031	FALSE

-0,036	0,312	-0,001	0,006	0,069	FALSE
0,152	0,304	0,006	0,012	0,212	FALSE
-0,130	0,309	-0,003	0,007	0,197	FALSE
-0,065	0,311	-0,001	0,007	0,059	FALSE
0,048	0,329	0,001	0,009	0,039	FALSE
-0,222	0,290	-0,009	0,012	0,336	FALSE
-0,006	0,307	0,000	0,010	0,012	FALSE
0,190	0,316	0,009	0,013	0,301	FALSE
-0,019	0,307	-0,001	0,012	0,021	FALSE
0,033	0,313	0,001	0,008	0,041	FALSE
0,177	0,298	0,005	0,008	0,270	FALSE
0,011	0,309	0,001	0,012	0,024	FALSE
0,117	0,326	0,005	0,013	0,133	FALSE
0,135	0,314	0,003	0,007	0,162	FALSE
-0,097	0,312	-0,003	0,008	0,135	FALSE
0,037	0,305	0,001	0,009	0,055	FALSE
0,012	0,295	0,001	0,008	0,037	FALSE
0,097	0,313	0,002	0,008	0,107	FALSE
-0,096	0,325	-0,004	0,012	0,123	FALSE
0,067	0,316	0,003	0,013	0,074	FALSE
0,040	0,326	0,001	0,012	0,041	FALSE
-0,086	0,297	-0,002	0,007	0,105	FALSE
0,003	0,299	0,000	0,009	0,015	FALSE
-0,102	0,305	-0,004	0,010	0,159	FALSE
0,082	0,318	0,002	0,008	0,099	FALSE
0,051	0,310	0,002	0,008	0,068	FALSE
0,135	0,297	0,003	0,007	0,199	FALSE
0,106	0,300	0,003	0,011	0,119	FALSE
0,011	0,308	0,000	0,010	0,009	FALSE
-0,019	0,310	-0,001	0,011	0,022	FALSE
-0,072	0,323	-0,002	0,009	0,100	FALSE
0,027	0,297	0,001	0,007	0,048	FALSE
0,078	0,300	0,003	0,009	0,111	FALSE
-0,116	0,295	-0,005	0,011	0,166	FALSE
0,083	0,292	0,003	0,012	0,089	FALSE
-0,001	0,302	0,000	0,009	0,004	FALSE
-0,013	0,309	-0,001	0,012	0,017	FALSE
0,065	0,310	0,003	0,011	0,091	FALSE
0,100	0,315	0,004	0,009	0,163	FALSE
-0,077	0,312	-0,002	0,008	0,084	FALSE
-0,080	0,319	-0,001	0,007	0,059	FALSE
-0,023	0,307	-0,001	0,012	0,037	FALSE
-0,018	0,306	-0,001	0,010	0,043	FALSE
0,079	0,301	0,004	0,011	0,141	FALSE
0,079	0,306	0,004	0,011	0,136	FALSE
-0,046	0,312	-0,003	0,013	0,086	FALSE
0,112	0,319	0,005	0,012	0,179	FALSE
0,156	0,305	0,007	0,013	0,246	FALSE
-0,023	0,312	-0,001	0,010	0,020	FALSE
-0,019	0,301	-0,002	0,012	0,050	FALSE
0,067	0,299	0,002	0,008	0,088	FALSE
0,043	0,315	0,001	0,010	0,023	FALSE
0,032	0,315	0,001	0,009	0,046	FALSE

-0,026	0,312	-0,001	0,013	0,026	FALSE
-0,033	0,308	0,000	0,008	0,008	FALSE
0,020	0,312	0,001	0,006	0,038	FALSE
-0,052	0,313	-0,002	0,011	0,080	FALSE
0,007	0,320	0,000	0,007	0,010	FALSE
0,110	0,300	0,003	0,012	0,107	FALSE
-0,004	0,311	0,000	0,007	0,020	FALSE
0,029	0,309	0,000	0,007	0,014	FALSE
-0,088	0,313	-0,003	0,012	0,096	FALSE
-0,031	0,306	-0,001	0,008	0,030	FALSE
-0,033	0,306	-0,001	0,007	0,054	FALSE
-0,028	0,299	-0,001	0,008	0,026	FALSE
0,009	0,308	0,000	0,007	0,003	FALSE
-0,009	0,307	0,000	0,009	0,010	FALSE
-0,032	0,312	-0,001	0,012	0,044	FALSE
-0,012	0,326	0,000	0,008	0,012	FALSE
-0,119	0,305	-0,004	0,011	0,169	FALSE
-0,052	0,305	-0,002	0,010	0,058	FALSE
0,072	0,303	0,002	0,012	0,064	FALSE
-0,076	0,311	-0,003	0,012	0,100	FALSE
-0,156	0,292	-0,007	0,011	0,282	FALSE
-0,055	0,298	-0,001	0,008	0,028	FALSE
-0,090	0,296	-0,001	0,008	0,071	FALSE
0,054	0,302	0,001	0,007	0,050	FALSE
-0,032	0,293	-0,002	0,011	0,074	FALSE
0,127	0,313	0,003	0,008	0,157	FALSE
-0,070	0,322	-0,002	0,008	0,088	FALSE
0,043	0,299	0,001	0,007	0,059	FALSE
-0,024	0,299	-0,001	0,008	0,026	FALSE
0,015	0,312	0,000	0,009	0,016	FALSE
-0,014	0,312	-0,001	0,013	0,026	FALSE
-0,063	0,309	-0,002	0,013	0,073	FALSE
0,003	0,307	0,001	0,013	0,028	FALSE
0,065	0,304	0,001	0,008	0,059	FALSE
-0,079	0,319	-0,003	0,011	0,088	FALSE
-0,016	0,311	0,000	0,011	0,014	FALSE
0,057	0,305	0,002	0,006	0,101	FALSE
0,004	0,319	0,000	0,007	0,020	FALSE
-0,052	0,321	-0,002	0,011	0,052	FALSE
-0,050	0,316	-0,001	0,011	0,047	FALSE
-0,014	0,302	-0,001	0,009	0,030	FALSE
0,033	0,298	0,000	0,013	0,012	FALSE
-0,091	0,311	-0,004	0,010	0,141	FALSE
-0,001	0,302	0,000	0,007	0,001	FALSE
0,091	0,291	0,004	0,010	0,186	FALSE
0,127	0,298	0,005	0,010	0,236	FALSE
-0,016	0,305	0,000	0,007	0,022	FALSE
0,141	0,318	0,005	0,011	0,165	FALSE
0,123	0,303	0,003	0,007	0,168	FALSE
0,104	0,313	0,003	0,008	0,135	FALSE
-0,018	0,322	-0,001	0,010	0,028	FALSE
0,062	0,306	0,002	0,010	0,084	FALSE
-0,036	0,311	-0,001	0,006	0,053	FALSE

-0,053	0,318	-0,001	0,008	0,069	FALSE
-0,114	0,320	-0,004	0,010	0,158	FALSE
0,108	0,312	0,003	0,010	0,124	FALSE
0,087	0,304	0,002	0,007	0,119	FALSE
-0,071	0,308	-0,003	0,012	0,097	FALSE
0,089	0,298	0,002	0,006	0,128	FALSE
0,029	0,324	0,001	0,009	0,035	FALSE
-0,075	0,312	-0,003	0,012	0,093	FALSE
-0,042	0,307	-0,001	0,006	0,053	FALSE
-0,086	0,310	-0,003	0,010	0,121	FALSE
0,059	0,298	0,002	0,011	0,081	FALSE
0,005	0,311	0,001	0,011	0,022	FALSE
0,033	0,305	0,001	0,011	0,045	FALSE
-0,012	0,303	0,000	0,009	0,004	FALSE
0,087	0,287	0,003	0,008	0,154	FALSE
0,111	0,301	0,004	0,009	0,193	FALSE
0,105	0,291	0,004	0,009	0,177	FALSE
-0,035	0,317	0,000	0,010	0,015	FALSE
-0,102	0,304	-0,003	0,011	0,106	FALSE
-0,109	0,309	-0,003	0,012	0,109	FALSE
-0,048	0,311	-0,001	0,008	0,057	FALSE
0,026	0,308	0,000	0,008	0,003	FALSE
0,085	0,299	0,002	0,007	0,079	FALSE
0,059	0,297	0,002	0,012	0,056	FALSE
0,034	0,306	0,001	0,012	0,028	FALSE
0,034	0,299	0,001	0,012	0,029	FALSE
0,068	0,306	0,002	0,013	0,056	FALSE
-0,133	0,302	-0,003	0,007	0,199	FALSE
0,040	0,301	0,002	0,012	0,047	FALSE
0,028	0,285	0,000	0,012	0,012	FALSE
0,082	0,300	0,003	0,012	0,082	FALSE
-0,088	0,312	-0,002	0,009	0,091	FALSE
-0,139	0,303	-0,003	0,006	0,172	FALSE
0,014	0,310	0,001	0,011	0,022	FALSE
0,076	0,309	0,001	0,007	0,066	FALSE
0,012	0,298	0,000	0,012	0,007	FALSE
-0,095	0,298	-0,003	0,010	0,135	FALSE
0,013	0,299	0,001	0,007	0,040	FALSE
0,115	0,322	0,003	0,007	0,137	FALSE
0,058	0,316	0,003	0,013	0,090	FALSE
-0,095	0,309	-0,002	0,007	0,119	FALSE
-0,104	0,317	-0,002	0,007	0,128	FALSE
0,166	0,304	0,005	0,009	0,244	FALSE
0,076	0,304	0,003	0,011	0,099	FALSE
0,051	0,314	0,002	0,013	0,043	FALSE
-0,001	0,301	-0,001	0,006	0,034	FALSE
-0,067	0,321	-0,002	0,009	0,086	FALSE
0,053	0,319	0,002	0,012	0,058	FALSE
0,117	0,310	0,003	0,008	0,157	FALSE
-0,014	0,296	0,000	0,008	0,004	FALSE
0,040	0,315	0,003	0,011	0,093	FALSE
-0,005	0,302	0,001	0,011	0,030	FALSE
0,005	0,330	0,000	0,013	0,014	FALSE

0,126	0,297	0,003	0,007	0,157	FALSE
0,148	0,315	0,003	0,007	0,165	FALSE
0,008	0,304	0,000	0,008	0,022	FALSE
-0,136	0,317	-0,003	0,007	0,148	FALSE
0,066	0,304	0,002	0,013	0,046	FALSE
-0,042	0,316	-0,001	0,008	0,037	FALSE
-0,032	0,312	-0,001	0,011	0,031	FALSE
0,019	0,305	0,001	0,007	0,037	FALSE
-0,017	0,295	-0,002	0,012	0,061	FALSE
-0,046	0,309	-0,003	0,012	0,084	FALSE
-0,031	0,311	-0,001	0,009	0,028	FALSE
0,030	0,331	0,001	0,010	0,021	FALSE
0,053	0,321	0,001	0,009	0,050	FALSE
-0,101	0,312	-0,005	0,012	0,156	FALSE
-0,017	0,297	-0,001	0,009	0,022	FALSE
-0,140	0,302	-0,004	0,008	0,217	FALSE
0,083	0,315	0,003	0,010	0,138	FALSE
0,060	0,298	0,001	0,006	0,060	FALSE
0,065	0,302	0,002	0,006	0,091	FALSE
0,032	0,318	0,001	0,007	0,069	FALSE
0,152	0,309	0,004	0,008	0,225	FALSE
-0,049	0,308	-0,003	0,012	0,087	FALSE
-0,025	0,306	-0,001	0,010	0,030	FALSE
-0,131	0,294	-0,004	0,008	0,184	FALSE
0,065	0,312	0,002	0,007	0,096	FALSE
0,059	0,306	0,001	0,012	0,044	FALSE
0,126	0,311	0,003	0,007	0,156	FALSE
0,012	0,312	0,001	0,009	0,021	FALSE
-0,090	0,311	-0,002	0,007	0,105	FALSE
0,024	0,300	0,000	0,011	0,008	FALSE
0,054	0,311	0,002	0,009	0,072	FALSE
0,012	0,317	-0,001	0,012	0,021	FALSE
0,084	0,302	0,002	0,011	0,077	FALSE
0,075	0,298	0,004	0,013	0,117	FALSE
0,084	0,306	0,003	0,011	0,115	FALSE
0,061	0,302	0,002	0,007	0,093	FALSE
0,063	0,301	0,002	0,009	0,102	FALSE
0,009	0,300	0,000	0,007	0,008	FALSE
-0,006	0,312	0,000	0,012	0,013	FALSE
0,032	0,303	0,000	0,007	0,012	FALSE
0,024	0,326	0,001	0,012	0,022	FALSE
-0,050	0,299	-0,001	0,007	0,054	FALSE
0,039	0,304	0,001	0,009	0,050	FALSE
0,066	0,322	0,002	0,012	0,048	FALSE
-0,109	0,322	-0,003	0,007	0,152	FALSE
-0,044	0,298	-0,001	0,006	0,062	FALSE
0,025	0,304	0,001	0,009	0,053	FALSE
-0,075	0,300	-0,002	0,008	0,093	FALSE
0,035	0,306	0,000	0,008	0,017	FALSE
-0,017	0,314	-0,001	0,012	0,032	FALSE
0,138	0,304	0,003	0,007	0,163	FALSE
0,002	0,310	0,000	0,012	0,010	FALSE
-0,052	0,307	-0,001	0,006	0,047	FALSE

0,103	0,301	0,004	0,010	0,138	FALSE
0,002	0,300	0,000	0,008	0,005	FALSE
0,138	0,292	0,006	0,012	0,203	FALSE
-0,120	0,304	-0,005	0,011	0,164	FALSE
0,033	0,307	0,001	0,008	0,043	FALSE
0,042	0,304	0,002	0,010	0,054	FALSE
-0,006	0,312	0,000	0,007	0,024	FALSE
0,070	0,318	0,003	0,011	0,097	FALSE
-0,065	0,311	-0,002	0,007	0,096	FALSE
-0,026	0,315	0,000	0,007	0,003	FALSE
0,072	0,314	0,003	0,013	0,090	FALSE
0,023	0,306	0,000	0,006	0,017	FALSE
0,148	0,285	0,006	0,011	0,208	FALSE
0,056	0,313	0,001	0,009	0,043	FALSE
0,179	0,303	0,007	0,013	0,212	FALSE
0,080	0,307	0,002	0,009	0,083	FALSE
0,207	0,286	0,007	0,010	0,291	FALSE
-0,117	0,302	-0,003	0,009	0,130	FALSE
-0,125	0,311	-0,004	0,011	0,148	FALSE
0,124	0,309	0,005	0,012	0,172	FALSE
-0,039	0,300	-0,001	0,007	0,062	FALSE
0,089	0,312	0,004	0,013	0,123	FALSE
-0,005	0,320	0,000	0,009	0,004	FALSE
0,043	0,309	0,003	0,012	0,082	FALSE
0,079	0,299	0,003	0,011	0,126	FALSE
-0,113	0,300	-0,006	0,013	0,205	FALSE
-0,178	0,306	-0,006	0,009	0,286	FALSE
0,073	0,310	0,003	0,010	0,128	FALSE
0,177	0,311	0,006	0,011	0,225	FALSE
-0,092	0,309	-0,003	0,012	0,108	FALSE
0,098	0,300	0,003	0,007	0,159	FALSE
0,008	0,301	0,000	0,006	0,006	FALSE
-0,039	0,313	-0,001	0,012	0,037	FALSE
0,006	0,291	0,001	0,008	0,040	FALSE
-0,064	0,311	-0,004	0,012	0,114	FALSE
-0,005	0,312	0,000	0,007	0,009	FALSE
0,071	0,303	0,002	0,008	0,094	FALSE
0,077	0,307	0,002	0,007	0,089	FALSE
-0,068	0,305	-0,002	0,011	0,090	FALSE
-0,089	0,323	-0,003	0,013	0,100	FALSE
0,034	0,318	0,001	0,008	0,043	FALSE
-0,041	0,308	-0,002	0,012	0,062	FALSE
0,012	0,320	-0,001	0,013	0,014	FALSE
-0,030	0,295	0,000	0,007	0,015	FALSE
0,035	0,317	0,002	0,010	0,057	FALSE
-0,165	0,306	-0,004	0,009	0,210	FALSE
-0,111	0,308	-0,002	0,007	0,141	FALSE
0,036	0,303	0,001	0,011	0,047	FALSE
0,033	0,313	0,002	0,012	0,057	FALSE
0,027	0,303	0,001	0,011	0,023	FALSE
0,024	0,317	0,001	0,010	0,028	FALSE
-0,049	0,310	-0,002	0,011	0,059	FALSE
0,077	0,315	0,003	0,011	0,108	FALSE

-0,082	0,308	-0,002	0,007	0,081	FALSE
0,012	0,308	0,001	0,011	0,032	FALSE
-0,060	0,311	-0,002	0,012	0,061	FALSE
0,055	0,313	0,003	0,013	0,098	FALSE
0,142	0,299	0,007	0,012	0,226	FALSE
-0,063	0,310	-0,002	0,010	0,086	FALSE
-0,001	0,312	0,000	0,008	0,020	FALSE
-0,085	0,301	-0,003	0,008	0,160	FALSE
0,089	0,303	0,003	0,012	0,096	FALSE
0,150	0,295	0,007	0,012	0,265	FALSE
0,025	0,304	0,001	0,007	0,041	FALSE
0,007	0,305	-0,001	0,012	0,018	FALSE
0,055	0,305	0,002	0,012	0,066	FALSE
0,127	0,299	0,004	0,009	0,181	FALSE
0,024	0,313	0,001	0,007	0,034	FALSE
0,044	0,314	0,002	0,011	0,052	FALSE
0,062	0,302	0,002	0,013	0,071	FALSE
0,175	0,301	0,004	0,007	0,234	FALSE
-0,199	0,297	-0,006	0,008	0,311	FALSE
-0,205	0,308	-0,009	0,012	0,336	FALSE
0,076	0,307	0,001	0,008	0,074	FALSE
0,073	0,340	0,002	0,012	0,069	FALSE
0,165	0,301	0,005	0,008	0,253	FALSE
-0,070	0,321	-0,002	0,010	0,086	FALSE
0,108	0,292	0,003	0,010	0,137	FALSE
0,071	0,304	0,002	0,008	0,120	FALSE
-0,086	0,308	-0,004	0,013	0,134	FALSE
-0,005	0,305	0,000	0,013	0,012	FALSE
-0,126	0,305	-0,004	0,009	0,180	FALSE
-0,065	0,320	-0,004	0,013	0,112	FALSE
-0,048	0,307	-0,001	0,007	0,057	FALSE
0,062	0,303	0,003	0,008	0,121	FALSE
0,041	0,303	0,002	0,011	0,080	FALSE
0,054	0,321	0,002	0,009	0,074	FALSE
-0,067	0,320	-0,002	0,008	0,077	FALSE
-0,073	0,313	-0,004	0,013	0,121	FALSE
-0,077	0,304	-0,004	0,013	0,128	FALSE
-0,002	0,315	-0,001	0,007	0,033	FALSE
-0,006	0,316	0,000	0,012	0,007	FALSE
-0,017	0,323	0,000	0,012	0,005	FALSE
-0,061	0,305	-0,001	0,008	0,056	FALSE
0,004	0,302	0,000	0,009	0,002	FALSE
0,101	0,303	0,003	0,009	0,125	FALSE
-0,010	0,303	-0,001	0,012	0,026	FALSE
-0,018	0,310	-0,001	0,012	0,029	FALSE
-0,001	0,313	0,000	0,007	0,017	FALSE
0,075	0,307	0,003	0,012	0,084	FALSE
0,074	0,301	0,003	0,011	0,094	FALSE
-0,085	0,289	-0,004	0,012	0,134	FALSE
-0,001	0,308	0,000	0,008	0,010	FALSE
-0,034	0,285	-0,001	0,007	0,053	FALSE
0,205	0,287	0,006	0,008	0,346	FALSE
0,079	0,313	0,003	0,013	0,094	FALSE

-0,063	0,310	-0,002	0,008	0,077	FALSE
0,046	0,309	0,000	0,009	0,009	FALSE
0,126	0,293	0,003	0,008	0,136	FALSE
0,049	0,308	0,002	0,012	0,057	FALSE
0,065	0,301	0,002	0,010	0,083	FALSE
0,144	0,293	0,004	0,007	0,220	FALSE
-0,076	0,301	-0,001	0,007	0,062	FALSE
0,042	0,303	0,002	0,008	0,073	FALSE
0,028	0,294	0,001	0,010	0,051	FALSE
-0,103	0,307	-0,002	0,008	0,111	FALSE
-0,122	0,307	-0,003	0,008	0,137	FALSE
0,035	0,302	0,000	0,006	0,000	FALSE
0,038	0,319	0,000	0,007	0,015	FALSE
-0,118	0,297	-0,004	0,009	0,168	FALSE
0,024	0,315	0,001	0,011	0,045	FALSE
0,038	0,319	0,002	0,012	0,064	FALSE
0,227	0,299	0,009	0,012	0,344	FALSE
0,006	0,306	0,000	0,012	0,012	FALSE
0,060	0,300	0,002	0,011	0,086	FALSE
0,019	0,309	0,000	0,013	0,007	FALSE
-0,011	0,312	0,000	0,008	0,009	FALSE
-0,015	0,311	0,000	0,008	0,015	FALSE
-0,065	0,304	-0,002	0,007	0,084	FALSE
-0,032	0,313	-0,002	0,012	0,059	FALSE
-0,014	0,315	0,000	0,013	0,001	FALSE
-0,044	0,309	-0,001	0,007	0,038	FALSE
0,159	0,297	0,005	0,009	0,252	FALSE
-0,017	0,316	0,000	0,009	0,006	FALSE
0,132	0,305	0,003	0,007	0,159	FALSE
-0,053	0,301	-0,001	0,008	0,045	FALSE
-0,060	0,306	-0,001	0,007	0,065	FALSE
0,116	0,304	0,002	0,007	0,142	FALSE
-0,037	0,301	-0,001	0,007	0,028	FALSE
-0,133	0,324	-0,003	0,007	0,179	FALSE
0,053	0,300	0,003	0,013	0,073	FALSE
0,050	0,318	0,001	0,013	0,043	FALSE
0,067	0,302	0,002	0,012	0,055	FALSE
-0,029	0,309	-0,001	0,008	0,045	FALSE
-0,005	0,318	0,000	0,009	0,011	FALSE
-0,023	0,291	0,000	0,007	0,009	FALSE
-0,113	0,309	-0,003	0,008	0,134	FALSE
0,079	0,305	0,003	0,009	0,126	FALSE
-0,064	0,295	-0,001	0,010	0,051	FALSE
0,039	0,308	0,001	0,011	0,031	FALSE
0,060	0,310	0,001	0,007	0,074	FALSE
0,048	0,298	0,001	0,007	0,050	FALSE
0,075	0,313	0,002	0,007	0,093	FALSE
-0,003	0,315	0,000	0,011	0,006	FALSE
0,071	0,292	0,003	0,009	0,111	FALSE
0,040	0,309	0,002	0,009	0,070	FALSE
-0,100	0,300	-0,004	0,013	0,122	FALSE
0,131	0,298	0,004	0,009	0,195	FALSE
0,169	0,302	0,004	0,007	0,243	FALSE

-0,028	0,301	-0,001	0,012	0,018	FALSE
0,013	0,290	0,000	0,007	0,007	FALSE
0,015	0,312	0,000	0,007	0,003	FALSE
0,007	0,303	0,000	0,011	0,007	FALSE
0,032	0,302	0,001	0,011	0,027	FALSE
0,022	0,299	0,000	0,009	0,002	FALSE
-0,115	0,314	-0,004	0,010	0,140	FALSE
0,033	0,311	0,001	0,011	0,030	FALSE
-0,097	0,303	-0,002	0,007	0,102	FALSE
-0,045	0,294	-0,003	0,012	0,081	FALSE
0,034	0,314	0,001	0,011	0,044	FALSE
0,039	0,320	0,001	0,013	0,040	FALSE
0,133	0,304	0,005	0,009	0,210	FALSE
-0,007	0,311	0,000	0,009	0,005	FALSE
-0,098	0,303	-0,004	0,012	0,147	FALSE
-0,072	0,319	-0,002	0,011	0,083	FALSE
0,015	0,295	0,001	0,008	0,034	FALSE
-0,007	0,309	-0,001	0,010	0,021	FALSE
0,063	0,317	0,001	0,009	0,060	FALSE
-0,045	0,305	-0,001	0,007	0,050	FALSE
0,006	0,292	-0,001	0,009	0,032	FALSE
0,003	0,313	-0,001	0,010	0,028	FALSE
-0,056	0,315	-0,002	0,009	0,073	FALSE
-0,067	0,315	-0,002	0,008	0,084	FALSE
-0,158	0,294	-0,004	0,007	0,235	FALSE
-0,012	0,309	0,000	0,013	0,011	FALSE
0,012	0,307	0,000	0,013	0,003	FALSE
-0,050	0,333	-0,001	0,012	0,042	FALSE
-0,058	0,323	-0,002	0,012	0,052	FALSE
-0,020	0,304	-0,001	0,012	0,036	FALSE
0,001	0,308	0,000	0,007	0,022	FALSE
0,060	0,280	0,002	0,011	0,074	FALSE
0,091	0,308	0,003	0,010	0,130	FALSE
0,106	0,310	0,004	0,010	0,162	FALSE
0,085	0,298	0,003	0,011	0,112	FALSE
-0,019	0,309	0,000	0,009	0,011	FALSE
0,084	0,314	0,002	0,012	0,072	FALSE
0,142	0,294	0,004	0,007	0,224	FALSE
0,070	0,313	0,002	0,012	0,080	FALSE
0,035	0,297	0,002	0,012	0,079	FALSE
0,029	0,311	0,002	0,013	0,066	FALSE
0,029	0,309	0,002	0,013	0,061	FALSE
-0,040	0,300	-0,001	0,007	0,031	FALSE
0,039	0,305	0,001	0,013	0,015	FALSE
-0,059	0,303	-0,001	0,009	0,063	FALSE
-0,020	0,292	-0,001	0,007	0,039	FALSE
-0,072	0,309	-0,002	0,008	0,111	FALSE
-0,022	0,310	-0,001	0,009	0,031	FALSE
0,059	0,303	0,003	0,011	0,101	FALSE
-0,075	0,311	-0,002	0,010	0,089	FALSE
0,084	0,304	0,003	0,013	0,082	FALSE
0,037	0,300	0,001	0,007	0,041	FALSE
0,069	0,306	0,002	0,012	0,067	FALSE

0,154	0,305	0,007	0,012	0,239	FALSE
0,014	0,306	0,001	0,008	0,051	FALSE
-0,142	0,297	-0,004	0,009	0,178	FALSE
0,101	0,295	0,002	0,006	0,170	FALSE
-0,027	0,291	0,000	0,011	0,012	FALSE
0,198	0,289	0,006	0,010	0,242	FALSE
0,085	0,294	0,002	0,007	0,085	FALSE
-0,080	0,312	-0,003	0,013	0,083	FALSE
-0,013	0,313	0,000	0,008	0,007	FALSE
0,006	0,317	0,001	0,012	0,017	FALSE
0,067	0,309	0,001	0,007	0,064	FALSE
0,123	0,307	0,002	0,007	0,144	FALSE
-0,110	0,312	-0,003	0,010	0,116	FALSE
0,069	0,306	0,002	0,009	0,073	FALSE
-0,019	0,308	0,000	0,008	0,023	FALSE
0,006	0,317	-0,001	0,008	0,024	FALSE
-0,056	0,314	-0,002	0,009	0,077	FALSE
0,155	0,301	0,004	0,008	0,203	FALSE
-0,096	0,307	-0,005	0,013	0,145	FALSE
-0,028	0,308	0,000	0,012	0,004	FALSE
-0,037	0,302	-0,001	0,009	0,034	FALSE
-0,138	0,304	-0,004	0,009	0,190	FALSE
0,009	0,313	0,001	0,009	0,031	FALSE
-0,069	0,304	-0,002	0,009	0,077	FALSE
-0,067	0,314	-0,002	0,007	0,086	FALSE
-0,029	0,305	-0,002	0,011	0,071	FALSE
-0,038	0,308	-0,001	0,007	0,047	FALSE
-0,047	0,305	-0,001	0,007	0,058	FALSE
0,066	0,309	0,002	0,009	0,077	FALSE
0,062	0,296	0,003	0,012	0,083	FALSE
0,105	0,312	0,003	0,010	0,137	FALSE
0,127	0,300	0,004	0,009	0,158	FALSE
-0,070	0,311	-0,002	0,010	0,094	FALSE
-0,039	0,305	-0,001	0,011	0,043	FALSE
-0,018	0,310	0,000	0,009	0,017	FALSE
-0,010	0,312	-0,001	0,013	0,034	FALSE
-0,021	0,314	0,000	0,008	0,003	FALSE
-0,046	0,306	-0,003	0,011	0,084	FALSE
-0,075	0,313	-0,003	0,010	0,110	FALSE
-0,048	0,303	-0,001	0,007	0,042	FALSE
-0,036	0,296	-0,001	0,013	0,015	FALSE
-0,061	0,305	-0,002	0,012	0,065	FALSE
-0,027	0,313	-0,001	0,012	0,019	FALSE
-0,048	0,314	-0,001	0,009	0,051	FALSE
0,051	0,306	0,001	0,006	0,076	FALSE
0,054	0,309	0,001	0,006	0,074	FALSE
0,027	0,314	0,001	0,012	0,039	FALSE
-0,051	0,308	-0,001	0,009	0,038	FALSE
0,035	0,319	0,001	0,007	0,029	FALSE
-0,042	0,307	-0,001	0,007	0,051	FALSE
-0,027	0,325	-0,001	0,008	0,043	FALSE
-0,015	0,291	0,000	0,008	0,019	FALSE
-0,031	0,315	-0,001	0,013	0,040	FALSE

-0,018	0,324	-0,001	0,012	0,020	FALSE
-0,070	0,319	-0,001	0,007	0,063	FALSE
-0,042	0,306	-0,001	0,011	0,034	FALSE
-0,016	0,306	0,000	0,010	0,013	FALSE
0,051	0,304	0,002	0,011	0,067	FALSE
-0,097	0,316	-0,003	0,010	0,116	FALSE
-0,107	0,306	-0,004	0,009	0,161	FALSE
-0,122	0,299	-0,005	0,013	0,176	FALSE
-0,035	0,311	-0,001	0,013	0,023	FALSE
-0,029	0,308	-0,001	0,012	0,026	FALSE
0,035	0,316	0,001	0,008	0,054	FALSE
0,210	0,290	0,007	0,009	0,369	FALSE
0,042	0,310	0,001	0,006	0,059	FALSE
-0,083	0,317	-0,004	0,011	0,138	FALSE
-0,070	0,297	-0,001	0,007	0,078	FALSE
-0,087	0,305	-0,002	0,007	0,097	FALSE
-0,037	0,323	-0,001	0,008	0,056	FALSE
-0,011	0,309	0,000	0,007	0,003	FALSE
-0,015	0,310	0,000	0,007	0,005	FALSE
0,011	0,303	0,001	0,012	0,031	FALSE
-0,060	0,288	-0,002	0,009	0,094	FALSE
-0,165	0,306	-0,006	0,010	0,254	FALSE
0,044	0,305	0,001	0,012	0,022	FALSE
0,008	0,289	0,001	0,010	0,035	FALSE
0,008	0,304	0,001	0,011	0,044	FALSE
0,151	0,309	0,007	0,013	0,211	FALSE
-0,023	0,312	-0,001	0,011	0,032	FALSE
-0,050	0,316	-0,001	0,008	0,050	FALSE
0,068	0,307	0,001	0,007	0,064	FALSE
0,012	0,316	0,000	0,012	0,014	FALSE
-0,058	0,309	-0,001	0,007	0,057	FALSE
-0,011	0,310	0,000	0,007	0,019	FALSE
0,031	0,316	0,001	0,011	0,019	FALSE
0,115	0,298	0,005	0,013	0,162	FALSE
0,046	0,308	0,001	0,008	0,048	FALSE
0,144	0,288	0,004	0,007	0,223	FALSE
0,051	0,318	0,001	0,008	0,045	FALSE
-0,089	0,287	-0,002	0,008	0,112	FALSE
-0,127	0,300	-0,002	0,007	0,137	FALSE
-0,060	0,301	-0,001	0,007	0,073	FALSE
0,008	0,306	0,000	0,009	0,010	FALSE
-0,043	0,300	-0,001	0,008	0,046	FALSE
-0,028	0,311	-0,001	0,007	0,037	FALSE
0,003	0,307	0,000	0,006	0,023	FALSE
-0,060	0,311	-0,002	0,011	0,065	FALSE
0,012	0,310	0,000	0,007	0,023	FALSE
0,046	0,295	0,002	0,012	0,045	FALSE
-0,060	0,304	-0,002	0,009	0,087	FALSE
0,038	0,305	0,001	0,007	0,052	FALSE
0,006	0,315	0,000	0,013	0,004	FALSE
-0,031	0,306	0,000	0,006	0,001	FALSE
-0,016	0,313	0,000	0,007	0,019	FALSE
-0,066	0,310	-0,001	0,009	0,044	FALSE

0,050	0,317	0,002	0,012	0,063	FALSE
-0,103	0,301	-0,002	0,007	0,130	FALSE
-0,114	0,317	-0,003	0,010	0,108	FALSE
-0,082	0,302	-0,002	0,010	0,082	FALSE
-0,127	0,297	-0,006	0,013	0,191	FALSE
0,089	0,311	0,003	0,011	0,101	FALSE
-0,054	0,325	-0,001	0,010	0,043	FALSE
-0,076	0,302	-0,002	0,007	0,098	FALSE
-0,007	0,313	0,000	0,011	0,002	FALSE
0,022	0,313	0,000	0,009	0,012	FALSE
-0,011	0,307	-0,001	0,011	0,018	FALSE
0,051	0,313	0,001	0,007	0,049	FALSE
0,035	0,313	0,001	0,007	0,037	FALSE
0,068	0,302	0,003	0,009	0,113	FALSE
0,028	0,299	0,001	0,010	0,028	FALSE
0,025	0,313	0,000	0,007	0,023	FALSE
-0,002	0,301	0,000	0,012	0,009	FALSE
-0,032	0,315	-0,001	0,012	0,040	FALSE
-0,083	0,303	-0,002	0,009	0,095	FALSE
-0,012	0,292	-0,001	0,010	0,045	FALSE
0,080	0,312	0,003	0,013	0,097	FALSE
0,062	0,319	0,002	0,007	0,086	FALSE
0,005	0,316	0,000	0,010	0,005	FALSE
0,020	0,315	0,000	0,007	0,012	FALSE
-0,115	0,315	-0,002	0,007	0,141	FALSE
-0,088	0,314	-0,003	0,011	0,104	FALSE
0,135	0,311	0,004	0,010	0,166	FALSE
-0,080	0,289	-0,003	0,010	0,119	FALSE
-0,054	0,307	-0,002	0,010	0,065	FALSE
-0,071	0,313	-0,002	0,009	0,092	FALSE
-0,021	0,312	0,000	0,012	0,014	FALSE
-0,162	0,295	-0,006	0,012	0,189	FALSE
0,044	0,296	0,001	0,007	0,053	FALSE
-0,037	0,312	-0,001	0,012	0,044	FALSE
-0,060	0,305	-0,001	0,010	0,052	FALSE
-0,055	0,296	-0,001	0,010	0,024	FALSE
-0,035	0,312	-0,001	0,007	0,060	FALSE
-0,087	0,309	-0,002	0,009	0,103	FALSE
0,010	0,294	0,000	0,007	0,006	FALSE
0,134	0,314	0,003	0,008	0,169	FALSE
-0,033	0,303	0,000	0,008	0,007	FALSE
0,068	0,293	0,002	0,009	0,101	FALSE
0,047	0,308	0,001	0,008	0,044	FALSE
-0,005	0,320	-0,001	0,010	0,046	FALSE
-0,022	0,318	-0,001	0,010	0,053	FALSE
-0,053	0,302	-0,002	0,010	0,078	FALSE
-0,014	0,320	0,000	0,007	0,017	FALSE
0,054	0,318	0,002	0,010	0,077	FALSE
-0,002	0,312	-0,001	0,009	0,031	FALSE
-0,085	0,308	-0,004	0,012	0,142	FALSE
-0,021	0,319	-0,001	0,011	0,029	FALSE
-0,017	0,301	-0,001	0,012	0,018	FALSE
-0,038	0,311	-0,001	0,012	0,038	FALSE

-0,033	0,296	-0,001	0,011	0,032	FALSE
0,027	0,307	0,001	0,007	0,032	FALSE
-0,010	0,312	0,000	0,007	0,018	FALSE
0,031	0,325	0,001	0,010	0,019	FALSE
0,139	0,300	0,003	0,006	0,204	FALSE
0,093	0,318	0,002	0,006	0,104	FALSE
0,040	0,318	0,001	0,007	0,050	FALSE
-0,033	0,321	-0,001	0,007	0,031	FALSE
-0,036	0,320	-0,001	0,010	0,033	FALSE
-0,128	0,307	-0,003	0,007	0,155	FALSE
0,147	0,311	0,005	0,011	0,194	FALSE
-0,035	0,308	0,000	0,009	0,006	FALSE
-0,020	0,312	-0,001	0,008	0,031	FALSE
0,104	0,309	0,004	0,012	0,142	FALSE
-0,012	0,305	0,000	0,007	0,021	FALSE
0,064	0,301	0,002	0,008	0,109	FALSE
0,096	0,312	0,002	0,007	0,126	FALSE
0,193	0,293	0,007	0,010	0,300	FALSE
0,144	0,301	0,004	0,007	0,215	FALSE
0,019	0,300	0,000	0,012	0,013	FALSE
-0,051	0,309	-0,001	0,006	0,059	FALSE
0,070	0,313	0,001	0,007	0,067	FALSE
-0,144	0,294	-0,005	0,011	0,171	FALSE
-0,065	0,314	-0,001	0,007	0,056	FALSE
-0,056	0,315	-0,001	0,010	0,048	FALSE
0,136	0,301	0,003	0,008	0,149	FALSE
-0,025	0,307	-0,001	0,009	0,036	FALSE
-0,037	0,311	-0,001	0,010	0,054	FALSE
-0,054	0,316	-0,002	0,010	0,065	FALSE
-0,013	0,310	-0,001	0,006	0,028	FALSE
0,004	0,311	0,000	0,009	0,009	FALSE
0,012	0,316	0,000	0,006	0,001	FALSE
-0,087	0,297	-0,002	0,009	0,104	FALSE
-0,104	0,313	-0,004	0,010	0,155	FALSE
-0,093	0,305	-0,003	0,010	0,138	FALSE
-0,121	0,315	-0,004	0,009	0,166	FALSE
0,010	0,308	0,001	0,009	0,030	FALSE
-0,020	0,312	0,000	0,007	0,017	FALSE
-0,023	0,296	-0,001	0,006	0,039	FALSE
0,004	0,308	0,000	0,010	0,011	FALSE
0,022	0,307	0,000	0,011	0,015	FALSE
-0,026	0,318	0,000	0,008	0,015	FALSE
0,024	0,289	0,000	0,007	0,022	FALSE
0,026	0,310	0,001	0,012	0,032	FALSE
0,022	0,284	0,001	0,008	0,038	FALSE
0,042	0,300	0,002	0,010	0,058	FALSE
-0,055	0,316	-0,001	0,007	0,050	FALSE
-0,007	0,303	0,000	0,012	0,007	FALSE
-0,029	0,308	-0,001	0,012	0,023	FALSE
-0,018	0,315	0,000	0,012	0,010	FALSE
0,056	0,302	0,002	0,012	0,060	FALSE
-0,001	0,302	0,000	0,012	0,007	FALSE
0,145	0,311	0,003	0,006	0,217	FALSE

0,106	0,314	0,003	0,006	0,178	FALSE
0,047	0,302	0,001	0,007	0,047	FALSE
0,055	0,310	0,001	0,008	0,062	FALSE
0,124	0,307	0,003	0,007	0,173	FALSE
0,060	0,294	0,002	0,010	0,096	FALSE
-0,072	0,316	-0,002	0,010	0,090	FALSE
-0,065	0,295	-0,003	0,013	0,091	FALSE
0,032	0,308	0,000	0,011	0,001	FALSE
-0,168	0,303	-0,007	0,011	0,251	FALSE
-0,055	0,308	-0,003	0,012	0,106	FALSE
0,056	0,309	0,003	0,013	0,091	FALSE
0,123	0,309	0,005	0,009	0,217	FALSE
-0,098	0,321	-0,003	0,009	0,115	FALSE
0,059	0,311	0,001	0,008	0,054	FALSE
0,033	0,317	0,001	0,012	0,022	FALSE
-0,041	0,299	-0,002	0,010	0,060	FALSE
-0,031	0,297	-0,001	0,010	0,052	FALSE
-0,040	0,311	-0,001	0,011	0,046	FALSE
0,049	0,316	0,002	0,013	0,063	FALSE
0,008	0,296	0,000	0,009	0,014	FALSE
0,066	0,321	0,003	0,013	0,085	FALSE
0,067	0,316	0,003	0,011	0,085	FALSE
-0,076	0,304	-0,003	0,011	0,113	FALSE
-0,020	0,312	0,000	0,011	0,016	FALSE
0,011	0,303	0,000	0,007	0,010	FALSE
0,112	0,304	0,005	0,012	0,181	FALSE
0,103	0,315	0,003	0,008	0,158	FALSE
0,064	0,317	0,002	0,009	0,103	FALSE
-0,038	0,312	-0,001	0,008	0,037	FALSE
-0,088	0,315	-0,003	0,009	0,142	FALSE
0,085	0,311	0,003	0,010	0,124	FALSE
0,087	0,289	0,003	0,013	0,093	FALSE
-0,136	0,309	-0,003	0,007	0,163	FALSE
0,023	0,298	0,000	0,009	0,019	FALSE
-0,145	0,305	-0,003	0,007	0,209	FALSE
-0,052	0,315	-0,001	0,007	0,060	FALSE
-0,130	0,306	-0,003	0,007	0,183	FALSE
0,162	0,318	0,007	0,013	0,210	FALSE
-0,149	0,308	-0,007	0,012	0,232	FALSE
0,063	0,302	0,002	0,008	0,103	FALSE
0,017	0,305	0,000	0,012	0,006	FALSE
-0,116	0,306	-0,005	0,013	0,159	FALSE
-0,061	0,303	-0,002	0,008	0,072	FALSE
-0,054	0,303	-0,002	0,007	0,083	FALSE
-0,016	0,307	0,000	0,007	0,005	FALSE
0,155	0,298	0,004	0,007	0,230	FALSE
0,114	0,302	0,003	0,007	0,185	FALSE
0,046	0,310	0,001	0,008	0,068	FALSE
0,081	0,294	0,002	0,011	0,083	FALSE
-0,067	0,300	-0,001	0,006	0,070	FALSE
-0,012	0,315	0,000	0,009	0,001	FALSE
0,030	0,302	0,001	0,008	0,028	FALSE
-0,034	0,311	-0,001	0,008	0,031	FALSE

0,027	0,308	0,000	0,009	0,016	FALSE
0,001	0,318	0,000	0,007	0,017	FALSE
-0,013	0,303	0,000	0,007	0,001	FALSE
0,006	0,294	0,001	0,007	0,027	FALSE
0,118	0,306	0,004	0,011	0,142	FALSE
0,167	0,290	0,004	0,007	0,226	FALSE
-0,042	0,306	-0,002	0,012	0,051	FALSE
-0,039	0,315	0,000	0,007	0,018	FALSE
-0,074	0,319	-0,003	0,009	0,120	FALSE
-0,074	0,307	-0,003	0,011	0,118	FALSE
-0,042	0,318	-0,001	0,007	0,041	FALSE
0,055	0,290	0,002	0,013	0,047	FALSE
0,018	0,303	0,000	0,010	0,011	FALSE
0,008	0,306	0,000	0,010	0,007	FALSE
-0,065	0,307	-0,002	0,009	0,080	FALSE
0,025	0,292	0,000	0,012	0,008	FALSE
-0,004	0,316	0,000	0,007	0,010	FALSE
-0,088	0,315	-0,002	0,007	0,096	FALSE
0,038	0,308	0,001	0,012	0,040	FALSE
0,007	0,299	0,000	0,007	0,005	FALSE
-0,197	0,303	-0,004	0,007	0,258	FALSE
0,062	0,300	0,001	0,008	0,069	FALSE
0,001	0,306	0,000	0,008	0,012	FALSE
-0,101	0,307	-0,002	0,007	0,106	FALSE
-0,060	0,310	-0,003	0,013	0,072	FALSE
-0,053	0,320	-0,001	0,009	0,037	FALSE
-0,040	0,318	-0,001	0,009	0,029	FALSE
-0,060	0,315	-0,002	0,011	0,065	FALSE
-0,062	0,312	-0,002	0,011	0,065	FALSE
0,003	0,300	0,001	0,007	0,034	FALSE
-0,007	0,311	0,000	0,007	0,015	FALSE
-0,051	0,300	-0,004	0,013	0,111	FALSE
-0,010	0,304	0,000	0,009	0,017	FALSE
0,089	0,279	0,003	0,008	0,157	FALSE
-0,063	0,310	-0,002	0,008	0,077	FALSE
0,116	0,298	0,004	0,009	0,169	FALSE
0,004	0,318	0,000	0,008	0,006	FALSE
0,040	0,300	0,001	0,009	0,044	FALSE
0,038	0,311	0,001	0,013	0,040	FALSE
-0,002	0,309	0,000	0,010	0,013	FALSE
-0,148	0,307	-0,004	0,008	0,215	FALSE
0,012	0,302	0,000	0,011	0,003	FALSE
0,110	0,296	0,004	0,009	0,154	FALSE
-0,160	0,297	-0,005	0,010	0,231	FALSE
-0,164	0,306	-0,007	0,013	0,244	FALSE
-0,028	0,312	0,000	0,007	0,018	FALSE
-0,071	0,283	-0,002	0,011	0,085	FALSE
-0,042	0,316	-0,001	0,012	0,028	FALSE
0,135	0,289	0,002	0,006	0,163	FALSE
-0,135	0,310	-0,005	0,012	0,174	FALSE
0,007	0,303	0,000	0,010	0,006	FALSE
-0,065	0,310	-0,001	0,008	0,059	FALSE
-0,033	0,303	-0,001	0,010	0,048	FALSE

0,033	0,299	0,000	0,008	0,012	FALSE
-0,074	0,297	-0,001	0,006	0,070	FALSE
0,057	0,297	0,001	0,006	0,036	FALSE
0,009	0,316	0,001	0,011	0,040	FALSE
-0,038	0,308	-0,002	0,012	0,047	FALSE
-0,058	0,308	-0,001	0,008	0,062	FALSE
0,037	0,305	0,001	0,007	0,038	FALSE
0,045	0,299	0,002	0,008	0,078	FALSE
-0,046	0,298	-0,001	0,010	0,041	FALSE
0,065	0,309	0,001	0,008	0,073	FALSE
0,078	0,301	0,003	0,008	0,131	FALSE
-0,069	0,294	-0,003	0,012	0,095	FALSE
-0,108	0,318	-0,003	0,009	0,140	FALSE
0,051	0,323	0,002	0,007	0,091	FALSE
0,026	0,297	0,001	0,009	0,028	FALSE
0,090	0,289	0,004	0,012	0,127	FALSE
-0,003	0,320	0,000	0,009	0,001	FALSE
-0,180	0,311	-0,006	0,011	0,223	FALSE
-0,054	0,288	-0,002	0,010	0,083	FALSE
-0,067	0,320	-0,002	0,008	0,074	FALSE
-0,125	0,305	-0,004	0,008	0,176	FALSE
-0,085	0,295	-0,004	0,012	0,144	FALSE
-0,063	0,307	-0,001	0,007	0,064	FALSE
0,006	0,311	0,000	0,010	0,003	FALSE
0,102	0,299	0,004	0,009	0,182	FALSE
-0,069	0,313	-0,002	0,009	0,084	FALSE
0,123	0,303	0,002	0,007	0,149	FALSE
-0,043	0,299	-0,002	0,012	0,052	FALSE
-0,031	0,307	-0,001	0,007	0,054	FALSE
-0,024	0,301	-0,001	0,009	0,023	FALSE
0,106	0,302	0,004	0,011	0,127	FALSE
0,158	0,290	0,005	0,009	0,236	FALSE
0,037	0,294	0,002	0,010	0,074	FALSE
-0,002	0,305	0,000	0,007	0,017	FALSE
0,060	0,300	0,002	0,012	0,070	FALSE
0,108	0,287	0,004	0,012	0,139	FALSE
0,024	0,293	0,002	0,009	0,070	FALSE
0,093	0,302	0,002	0,007	0,105	FALSE
-0,058	0,315	-0,002	0,012	0,050	FALSE
0,033	0,318	0,001	0,008	0,048	FALSE
0,110	0,316	0,003	0,008	0,155	FALSE
0,009	0,293	-0,001	0,010	0,029	FALSE
0,038	0,284	0,001	0,008	0,061	FALSE
-0,031	0,305	-0,001	0,012	0,033	FALSE
-0,057	0,300	-0,001	0,007	0,044	FALSE
-0,050	0,310	-0,001	0,007	0,061	FALSE
0,089	0,299	0,002	0,008	0,123	FALSE
0,042	0,296	0,001	0,008	0,054	FALSE
0,042	0,312	0,001	0,009	0,038	FALSE
-0,007	0,300	0,001	0,010	0,020	FALSE
0,049	0,309	0,002	0,011	0,088	FALSE
0,088	0,320	0,004	0,013	0,111	FALSE
0,021	0,283	0,001	0,010	0,023	FALSE

0,216	0,305	0,007	0,011	0,286	FALSE
0,076	0,307	0,002	0,007	0,104	FALSE
0,037	0,316	0,001	0,012	0,041	FALSE
-0,014	0,316	0,000	0,011	0,000	FALSE
0,062	0,295	0,003	0,013	0,087	FALSE
-0,010	0,306	0,000	0,008	0,019	FALSE
0,124	0,295	0,004	0,009	0,176	FALSE
-0,093	0,298	-0,003	0,009	0,133	FALSE
-0,011	0,295	-0,001	0,010	0,035	FALSE
-0,067	0,308	-0,002	0,006	0,091	FALSE
0,073	0,305	0,002	0,007	0,087	FALSE
-0,146	0,298	-0,006	0,012	0,224	FALSE
-0,029	0,301	0,000	0,008	0,008	FALSE
-0,028	0,310	-0,001	0,013	0,038	FALSE
0,027	0,308	0,000	0,008	0,002	FALSE
0,104	0,299	0,002	0,008	0,117	FALSE
-0,130	0,305	-0,002	0,006	0,145	FALSE
0,096	0,315	0,003	0,009	0,109	FALSE
-0,022	0,318	-0,001	0,013	0,035	FALSE
0,132	0,315	0,003	0,007	0,155	FALSE
0,170	0,301	0,005	0,009	0,259	FALSE
-0,032	0,308	-0,002	0,013	0,064	FALSE
-0,020	0,309	0,000	0,007	0,010	FALSE
-0,096	0,293	-0,003	0,009	0,122	FALSE
0,042	0,310	0,002	0,012	0,059	FALSE
0,035	0,311	0,001	0,008	0,061	FALSE
0,021	0,322	0,001	0,008	0,027	FALSE
-0,220	0,306	-0,004	0,007	0,307	FALSE
0,057	0,324	0,001	0,008	0,056	FALSE
0,030	0,314	0,001	0,008	0,028	FALSE
-0,017	0,305	-0,001	0,006	0,030	FALSE
0,025	0,313	0,000	0,009	0,017	FALSE
-0,058	0,303	-0,003	0,011	0,101	FALSE
0,172	0,304	0,005	0,009	0,233	FALSE
0,010	0,299	0,000	0,012	0,005	FALSE
0,135	0,301	0,004	0,009	0,172	FALSE
0,020	0,316	0,001	0,011	0,031	FALSE
-0,159	0,306	-0,005	0,009	0,229	FALSE
-0,042	0,305	-0,001	0,013	0,043	FALSE
-0,035	0,319	-0,002	0,013	0,042	FALSE
-0,070	0,302	-0,002	0,010	0,090	FALSE
-0,048	0,286	-0,003	0,010	0,101	FALSE
0,001	0,285	-0,001	0,011	0,027	FALSE
-0,124	0,295	-0,003	0,007	0,164	FALSE
-0,107	0,319	-0,002	0,007	0,108	FALSE
0,006	0,321	0,000	0,007	0,010	FALSE
-0,015	0,321	-0,001	0,008	0,034	FALSE
0,032	0,312	0,001	0,009	0,040	FALSE
0,033	0,291	0,001	0,010	0,033	FALSE
0,094	0,297	0,002	0,008	0,111	FALSE
-0,030	0,313	-0,002	0,012	0,069	FALSE
-0,103	0,311	-0,003	0,011	0,118	FALSE
-0,135	0,299	-0,005	0,012	0,174	FALSE

0,109	0,304	0,005	0,013	0,141	FALSE
0,024	0,300	0,001	0,008	0,035	FALSE
0,011	0,311	0,000	0,008	0,013	FALSE
0,072	0,306	0,002	0,009	0,087	FALSE
-0,078	0,306	-0,002	0,009	0,084	FALSE
-0,040	0,314	-0,002	0,013	0,062	FALSE
-0,086	0,313	-0,003	0,010	0,102	FALSE
-0,057	0,305	-0,002	0,007	0,084	FALSE
0,114	0,305	0,004	0,011	0,154	FALSE
-0,009	0,306	0,000	0,013	0,010	FALSE
0,106	0,310	0,002	0,006	0,151	FALSE
0,062	0,293	0,003	0,010	0,097	FALSE
0,085	0,304	0,003	0,008	0,145	FALSE
0,095	0,310	0,003	0,008	0,155	FALSE
0,025	0,302	0,002	0,012	0,059	FALSE
-0,043	0,309	-0,001	0,008	0,068	FALSE
0,118	0,320	0,003	0,008	0,159	FALSE
0,173	0,297	0,005	0,009	0,234	FALSE
0,052	0,317	0,002	0,012	0,065	FALSE
0,030	0,301	0,001	0,011	0,041	FALSE
0,145	0,288	0,003	0,006	0,233	FALSE
0,034	0,303	0,002	0,012	0,047	FALSE
0,039	0,310	0,002	0,013	0,051	FALSE
0,098	0,324	0,004	0,013	0,113	FALSE
0,055	0,307	0,002	0,011	0,062	FALSE
0,033	0,298	0,001	0,008	0,043	FALSE
-0,036	0,311	-0,001	0,008	0,028	FALSE
-0,128	0,301	-0,004	0,010	0,170	FALSE
-0,089	0,310	-0,003	0,010	0,104	FALSE
0,096	0,302	0,004	0,013	0,129	FALSE
-0,050	0,319	-0,001	0,007	0,060	FALSE
0,015	0,301	0,001	0,012	0,038	FALSE
-0,013	0,303	0,000	0,012	0,009	FALSE
-0,112	0,305	-0,004	0,009	0,164	FALSE
-0,023	0,308	0,000	0,012	0,014	FALSE
0,170	0,298	0,007	0,011	0,253	FALSE
-0,085	0,294	-0,003	0,011	0,104	FALSE
-0,144	0,302	-0,004	0,009	0,188	FALSE
0,066	0,305	0,002	0,009	0,083	FALSE
0,100	0,290	0,003	0,009	0,127	FALSE
-0,097	0,315	-0,005	0,013	0,145	FALSE
0,123	0,298	0,004	0,010	0,166	FALSE
0,138	0,304	0,004	0,009	0,185	FALSE
0,064	0,294	0,002	0,010	0,075	FALSE
0,073	0,307	0,002	0,010	0,088	FALSE
0,089	0,316	0,003	0,010	0,130	FALSE
0,016	0,317	0,000	0,013	0,007	FALSE
0,060	0,312	0,002	0,012	0,072	FALSE
-0,073	0,314	-0,002	0,009	0,084	FALSE
-0,086	0,314	-0,003	0,011	0,110	FALSE
0,071	0,304	0,002	0,008	0,110	FALSE
-0,100	0,299	-0,003	0,009	0,160	FALSE
-0,046	0,305	-0,001	0,008	0,067	FALSE

0,009	0,305	0,000	0,007	0,023	FALSE
0,121	0,305	0,003	0,008	0,146	FALSE
-0,044	0,299	-0,001	0,006	0,060	FALSE
-0,053	0,318	-0,001	0,007	0,065	FALSE
0,044	0,297	0,002	0,010	0,080	FALSE
-0,134	0,303	-0,005	0,010	0,209	FALSE
0,131	0,307	0,005	0,010	0,184	FALSE
0,054	0,312	0,002	0,007	0,087	FALSE
0,019	0,314	0,001	0,012	0,035	FALSE
0,014	0,320	0,001	0,013	0,020	FALSE
-0,067	0,306	-0,003	0,013	0,096	FALSE
0,114	0,295	0,003	0,009	0,143	FALSE
0,070	0,300	0,002	0,009	0,074	FALSE
0,086	0,302	0,002	0,008	0,086	FALSE
-0,052	0,319	-0,002	0,009	0,064	FALSE
-0,050	0,296	-0,001	0,007	0,052	FALSE
0,016	0,312	0,000	0,008	0,014	FALSE
-0,044	0,305	-0,001	0,007	0,062	FALSE
-0,151	0,306	-0,004	0,009	0,185	FALSE
0,066	0,301	0,001	0,006	0,093	FALSE
0,060	0,306	0,002	0,012	0,065	FALSE
0,051	0,321	0,002	0,013	0,052	FALSE
0,076	0,310	0,003	0,013	0,076	FALSE
-0,079	0,296	-0,001	0,011	0,048	FALSE
0,139	0,297	0,003	0,009	0,159	FALSE
-0,038	0,309	0,000	0,006	0,011	FALSE
-0,024	0,309	-0,001	0,011	0,022	FALSE
-0,033	0,318	-0,003	0,013	0,082	FALSE
0,179	0,306	0,007	0,011	0,255	FALSE
0,008	0,315	0,000	0,006	0,000	FALSE
-0,119	0,302	-0,004	0,011	0,158	FALSE
-0,142	0,293	-0,006	0,011	0,204	FALSE
-0,127	0,288	-0,007	0,012	0,239	FALSE
0,090	0,314	0,003	0,007	0,142	FALSE
0,104	0,300	0,003	0,012	0,104	FALSE
-0,122	0,311	-0,003	0,009	0,138	FALSE
-0,048	0,305	-0,001	0,008	0,022	FALSE
0,133	0,310	0,005	0,013	0,153	FALSE
-0,017	0,291	0,000	0,013	0,008	FALSE
0,049	0,318	0,001	0,013	0,025	FALSE
-0,030	0,306	0,000	0,011	0,009	FALSE
0,074	0,324	0,002	0,011	0,070	FALSE
0,088	0,297	0,001	0,007	0,080	FALSE
0,025	0,297	0,000	0,008	0,011	FALSE
0,043	0,293	0,001	0,009	0,051	FALSE
0,102	0,309	0,004	0,013	0,127	FALSE
0,033	0,304	0,001	0,007	0,032	FALSE
-0,010	0,306	0,000	0,007	0,015	FALSE
0,041	0,330	0,001	0,011	0,024	FALSE
0,059	0,312	0,001	0,008	0,053	FALSE
0,015	0,304	0,001	0,013	0,024	FALSE
-0,098	0,298	-0,002	0,006	0,137	FALSE
-0,002	0,311	0,000	0,007	0,022	FALSE

-0,086	0,313	-0,002	0,008	0,088	FALSE
-0,103	0,307	-0,004	0,013	0,138	FALSE
-0,040	0,291	0,000	0,007	0,025	FALSE
-0,061	0,304	-0,002	0,008	0,085	FALSE
-0,005	0,304	0,000	0,008	0,014	FALSE
0,042	0,293	0,002	0,012	0,048	FALSE
0,025	0,323	0,001	0,007	0,027	FALSE
0,083	0,312	0,004	0,011	0,134	FALSE
-0,083	0,305	-0,002	0,007	0,087	FALSE
-0,022	0,315	-0,001	0,007	0,031	FALSE
0,029	0,303	0,001	0,007	0,062	FALSE
0,006	0,302	0,001	0,012	0,018	FALSE
-0,183	0,303	-0,006	0,010	0,275	FALSE
0,157	0,314	0,004	0,008	0,213	FALSE
0,053	0,326	0,002	0,010	0,085	FALSE
-0,005	0,308	0,000	0,009	0,006	FALSE
-0,003	0,310	0,000	0,007	0,002	FALSE
-0,058	0,320	-0,002	0,010	0,080	FALSE
-0,065	0,296	-0,002	0,007	0,101	FALSE
-0,103	0,301	-0,003	0,010	0,125	FALSE
-0,015	0,313	-0,001	0,010	0,034	FALSE
0,189	0,295	0,005	0,008	0,266	FALSE
-0,049	0,300	-0,001	0,011	0,048	FALSE
0,030	0,317	0,001	0,011	0,025	FALSE
0,001	0,318	0,000	0,010	0,011	FALSE
0,040	0,307	0,001	0,010	0,035	FALSE
0,069	0,304	0,001	0,012	0,034	FALSE
-0,078	0,312	-0,001	0,006	0,082	FALSE
0,076	0,311	0,002	0,008	0,077	FALSE
0,023	0,316	0,000	0,012	0,015	FALSE
0,042	0,305	0,001	0,007	0,070	FALSE
-0,006	0,306	0,000	0,008	0,004	FALSE
-0,172	0,314	-0,006	0,010	0,227	FALSE
-0,003	0,306	0,000	0,013	0,001	FALSE
0,004	0,312	0,000	0,013	0,001	FALSE
-0,005	0,316	0,000	0,013	0,011	FALSE
-0,005	0,314	0,000	0,012	0,005	FALSE
0,051	0,319	0,001	0,007	0,067	FALSE
-0,002	0,316	0,000	0,008	0,021	FALSE
-0,061	0,313	-0,001	0,007	0,059	FALSE
0,094	0,296	0,005	0,012	0,155	FALSE
-0,090	0,299	-0,002	0,007	0,103	FALSE
-0,010	0,312	-0,001	0,010	0,018	FALSE
0,025	0,305	0,001	0,009	0,044	FALSE
0,054	0,320	0,002	0,008	0,074	FALSE
-0,044	0,321	-0,001	0,007	0,039	FALSE
-0,128	0,301	-0,004	0,012	0,144	FALSE
0,066	0,312	0,002	0,009	0,097	FALSE
-0,017	0,317	0,000	0,007	0,002	FALSE
0,046	0,309	0,001	0,007	0,064	FALSE
-0,078	0,317	-0,002	0,008	0,076	FALSE
-0,116	0,305	-0,003	0,008	0,134	FALSE
-0,111	0,295	-0,003	0,009	0,147	FALSE

-0,145	0,302	-0,005	0,012	0,192	FALSE
-0,109	0,320	-0,002	0,007	0,133	FALSE
0,056	0,315	0,001	0,007	0,071	FALSE
0,061	0,305	0,002	0,009	0,096	FALSE
0,120	0,298	0,003	0,007	0,164	FALSE
0,011	0,307	0,000	0,007	0,014	FALSE
0,065	0,313	0,002	0,010	0,063	FALSE
-0,058	0,318	-0,002	0,012	0,067	FALSE
0,037	0,310	0,001	0,009	0,025	FALSE
-0,158	0,300	-0,004	0,009	0,203	FALSE
0,035	0,308	0,001	0,009	0,052	FALSE
0,034	0,297	0,001	0,009	0,038	FALSE
-0,132	0,292	-0,006	0,013	0,179	FALSE
0,005	0,310	0,000	0,007	0,019	FALSE
0,102	0,305	0,003	0,010	0,137	FALSE
0,101	0,303	0,003	0,009	0,139	FALSE
0,034	0,313	0,001	0,010	0,041	FALSE
-0,125	0,305	-0,003	0,006	0,183	FALSE
0,242	0,283	0,009	0,010	0,404	FALSE
0,063	0,310	0,001	0,007	0,074	FALSE
0,122	0,299	0,004	0,011	0,147	FALSE
0,024	0,300	0,000	0,012	0,003	FALSE
0,076	0,303	0,002	0,010	0,076	FALSE
0,009	0,301	0,000	0,007	0,011	FALSE
-0,022	0,304	-0,001	0,010	0,019	FALSE
0,089	0,308	0,002	0,007	0,107	FALSE
-0,060	0,310	-0,001	0,009	0,062	FALSE
0,055	0,302	0,002	0,012	0,075	FALSE
0,010	0,307	0,001	0,009	0,024	FALSE
-0,046	0,311	-0,001	0,007	0,067	FALSE
0,061	0,300	0,002	0,007	0,118	FALSE
0,007	0,304	0,001	0,006	0,045	FALSE
-0,031	0,307	0,000	0,007	0,001	FALSE
0,010	0,329	0,000	0,012	0,002	FALSE
0,031	0,284	0,001	0,006	0,080	FALSE
-0,020	0,317	0,000	0,009	0,010	FALSE
0,070	0,295	0,004	0,012	0,120	FALSE
-0,047	0,312	-0,001	0,012	0,047	FALSE
0,095	0,290	0,002	0,008	0,118	FALSE
-0,018	0,314	-0,001	0,012	0,036	FALSE
-0,219	0,293	-0,007	0,011	0,297	FALSE
-0,029	0,306	-0,001	0,006	0,056	FALSE
-0,049	0,311	-0,001	0,009	0,021	FALSE
0,181	0,308	0,005	0,008	0,272	FALSE
0,147	0,315	0,005	0,010	0,211	FALSE
-0,083	0,312	-0,002	0,008	0,102	FALSE
-0,027	0,316	-0,001	0,009	0,034	FALSE
-0,072	0,302	-0,002	0,009	0,104	FALSE
0,091	0,303	0,002	0,011	0,082	FALSE
0,029	0,307	0,000	0,008	0,018	FALSE
-0,068	0,324	-0,001	0,007	0,058	FALSE
-0,002	0,316	0,000	0,010	0,017	FALSE
-0,069	0,321	-0,002	0,013	0,071	FALSE

0,199	0,307	0,005	0,007	0,296	FALSE
0,018	0,315	0,000	0,010	0,008	FALSE
-0,045	0,303	0,000	0,007	0,020	FALSE
-0,028	0,303	0,000	0,007	0,014	FALSE
0,095	0,303	0,003	0,007	0,151	FALSE
-0,050	0,314	-0,001	0,008	0,064	FALSE
0,008	0,316	0,001	0,008	0,027	FALSE
-0,143	0,296	-0,006	0,012	0,196	FALSE
-0,030	0,307	-0,001	0,011	0,028	FALSE
0,020	0,311	0,001	0,012	0,016	FALSE
0,094	0,303	0,004	0,010	0,159	FALSE
0,114	0,318	0,005	0,013	0,168	FALSE
0,104	0,311	0,005	0,012	0,158	FALSE
0,053	0,310	0,002	0,009	0,068	FALSE
-0,023	0,318	0,000	0,007	0,012	FALSE
0,002	0,317	0,000	0,007	0,007	FALSE
0,054	0,311	0,001	0,007	0,072	FALSE
0,039	0,314	0,001	0,007	0,057	FALSE
0,185	0,295	0,008	0,012	0,280	FALSE
0,109	0,299	0,004	0,012	0,133	FALSE
0,008	0,299	0,000	0,010	0,010	FALSE
0,139	0,300	0,003	0,007	0,168	FALSE
-0,046	0,314	-0,002	0,012	0,067	FALSE
-0,028	0,311	0,000	0,009	0,005	FALSE
-0,070	0,302	-0,002	0,006	0,095	FALSE
-0,080	0,324	-0,002	0,007	0,095	FALSE
0,089	0,300	0,004	0,012	0,142	FALSE
-0,083	0,309	-0,004	0,012	0,125	FALSE
0,036	0,308	0,000	0,006	0,026	FALSE
0,008	0,305	0,000	0,010	0,001	FALSE
-0,066	0,303	-0,002	0,011	0,079	FALSE
0,021	0,292	0,001	0,010	0,032	FALSE
0,083	0,307	0,002	0,007	0,096	FALSE
-0,073	0,299	-0,004	0,012	0,112	FALSE
-0,013	0,315	-0,001	0,010	0,018	FALSE
-0,012	0,315	0,000	0,006	0,023	FALSE
0,002	0,309	0,000	0,007	0,008	FALSE
-0,047	0,311	-0,001	0,009	0,047	FALSE
-0,089	0,305	-0,003	0,009	0,125	FALSE
-0,036	0,323	-0,001	0,011	0,031	FALSE
0,006	0,301	0,001	0,009	0,026	FALSE
0,017	0,300	0,001	0,008	0,027	FALSE
0,095	0,311	0,004	0,012	0,127	FALSE
0,150	0,310	0,007	0,013	0,227	FALSE
-0,156	0,297	-0,005	0,010	0,221	FALSE
0,029	0,311	0,001	0,008	0,028	FALSE
-0,079	0,301	-0,003	0,011	0,119	FALSE
0,143	0,309	0,003	0,007	0,169	FALSE
0,054	0,301	0,003	0,012	0,104	FALSE
-0,042	0,296	-0,001	0,008	0,066	FALSE
-0,028	0,297	-0,001	0,010	0,031	FALSE
-0,042	0,302	-0,001	0,009	0,043	FALSE
0,065	0,313	0,003	0,010	0,104	FALSE

0,099	0,313	0,005	0,013	0,161	FALSE
0,000	0,331	0,000	0,010	0,010	FALSE
-0,092	0,291	-0,004	0,012	0,133	FALSE
0,041	0,293	0,003	0,012	0,089	FALSE
-0,055	0,303	-0,002	0,010	0,071	FALSE
-0,084	0,313	-0,003	0,011	0,121	FALSE
0,080	0,304	0,003	0,012	0,106	FALSE
-0,024	0,311	0,000	0,009	0,013	FALSE
-0,005	0,316	0,000	0,011	0,015	FALSE
-0,027	0,308	-0,001	0,006	0,035	FALSE
-0,080	0,298	-0,003	0,010	0,112	FALSE
0,076	0,304	0,003	0,012	0,087	FALSE
-0,143	0,306	-0,004	0,010	0,170	FALSE
0,028	0,298	0,001	0,009	0,049	FALSE
0,074	0,309	0,002	0,008	0,093	FALSE
0,103	0,285	0,003	0,006	0,187	FALSE
0,046	0,312	0,002	0,011	0,060	FALSE
-0,081	0,300	-0,004	0,013	0,111	FALSE
-0,032	0,314	-0,001	0,011	0,031	FALSE
-0,139	0,306	-0,003	0,007	0,174	FALSE
-0,071	0,311	-0,002	0,008	0,088	FALSE
0,052	0,311	0,001	0,007	0,056	FALSE
-0,020	0,292	-0,001	0,007	0,032	FALSE
0,153	0,299	0,005	0,008	0,265	FALSE
-0,034	0,313	-0,002	0,012	0,046	FALSE
0,104	0,307	0,002	0,007	0,112	FALSE
-0,056	0,322	-0,002	0,011	0,066	FALSE
0,107	0,299	0,002	0,008	0,120	FALSE
0,115	0,294	0,003	0,007	0,165	FALSE
-0,024	0,324	-0,001	0,009	0,025	FALSE
-0,056	0,306	-0,002	0,007	0,080	FALSE
-0,023	0,313	-0,001	0,008	0,029	FALSE
0,048	0,315	0,001	0,008	0,059	FALSE
0,151	0,303	0,006	0,012	0,194	FALSE
-0,070	0,310	-0,002	0,007	0,085	FALSE
0,025	0,305	0,002	0,008	0,082	FALSE
0,078	0,286	0,003	0,012	0,106	FALSE
-0,002	0,315	0,000	0,011	0,006	FALSE
-0,081	0,298	-0,002	0,007	0,101	FALSE
0,040	0,302	0,002	0,012	0,066	FALSE
-0,061	0,314	-0,001	0,007	0,068	FALSE
-0,047	0,308	-0,001	0,010	0,037	FALSE
-0,092	0,295	-0,002	0,009	0,075	FALSE
0,012	0,317	0,000	0,007	0,004	FALSE
0,049	0,308	0,001	0,007	0,062	FALSE
0,016	0,298	-0,001	0,010	0,022	FALSE
0,095	0,310	0,002	0,011	0,077	FALSE
0,075	0,301	0,002	0,008	0,119	FALSE
0,000	0,300	0,000	0,012	0,002	FALSE
0,044	0,320	0,002	0,011	0,054	FALSE
-0,013	0,312	0,000	0,011	0,006	FALSE
0,095	0,309	0,003	0,011	0,104	FALSE
-0,015	0,322	0,000	0,007	0,007	FALSE

-0,035	0,314	-0,002	0,013	0,052	FALSE
0,122	0,302	0,003	0,007	0,187	FALSE
-0,164	0,317	-0,006	0,013	0,196	FALSE
-0,037	0,309	-0,001	0,007	0,036	FALSE
-0,085	0,310	-0,003	0,010	0,132	FALSE
0,166	0,308	0,003	0,007	0,191	FALSE
-0,021	0,304	-0,001	0,010	0,027	FALSE
-0,034	0,316	-0,001	0,013	0,028	FALSE
0,104	0,310	0,002	0,007	0,115	FALSE
0,054	0,302	0,002	0,010	0,078	FALSE
0,000	0,304	0,000	0,007	0,023	FALSE
-0,008	0,300	0,000	0,006	0,012	FALSE
-0,060	0,301	-0,001	0,010	0,046	FALSE
-0,053	0,312	-0,003	0,013	0,074	FALSE
0,114	0,299	0,003	0,009	0,160	FALSE
0,044	0,299	0,001	0,007	0,078	FALSE
-0,210	0,310	-0,008	0,011	0,312	FALSE
-0,030	0,306	0,000	0,009	0,012	FALSE
-0,026	0,327	-0,001	0,013	0,033	FALSE
-0,045	0,305	-0,001	0,010	0,042	FALSE
-0,012	0,307	0,000	0,009	0,006	FALSE
0,015	0,296	0,000	0,008	0,013	FALSE
-0,093	0,291	-0,002	0,007	0,101	FALSE
0,055	0,299	0,002	0,008	0,084	FALSE
-0,114	0,306	-0,003	0,008	0,132	FALSE
0,085	0,305	0,003	0,009	0,117	FALSE
0,085	0,295	0,002	0,008	0,119	FALSE
-0,053	0,315	-0,001	0,007	0,028	FALSE
-0,038	0,312	0,000	0,011	0,015	FALSE
-0,105	0,286	-0,003	0,010	0,129	FALSE
0,018	0,319	0,001	0,012	0,026	FALSE
0,038	0,321	0,001	0,008	0,061	FALSE
-0,035	0,310	-0,001	0,007	0,050	FALSE
0,016	0,304	0,000	0,006	0,007	FALSE
-0,063	0,310	0,000	0,006	0,024	FALSE
-0,077	0,307	-0,003	0,013	0,106	FALSE
-0,034	0,299	-0,001	0,007	0,037	FALSE
-0,032	0,321	-0,001	0,011	0,040	FALSE
-0,087	0,291	-0,004	0,012	0,144	FALSE
0,011	0,311	0,000	0,012	0,010	FALSE
0,004	0,296	0,000	0,007	0,009	FALSE
-0,020	0,322	0,000	0,013	0,011	FALSE
0,074	0,300	0,002	0,008	0,091	FALSE
-0,171	0,309	-0,006	0,013	0,204	FALSE
0,053	0,314	0,002	0,007	0,079	FALSE
-0,088	0,306	-0,001	0,006	0,089	FALSE
-0,013	0,305	-0,001	0,011	0,026	FALSE
-0,158	0,297	-0,006	0,010	0,255	FALSE
-0,151	0,306	-0,005	0,010	0,244	FALSE
-0,161	0,312	-0,006	0,010	0,233	FALSE
-0,154	0,303	-0,005	0,010	0,222	FALSE
-0,123	0,310	-0,005	0,011	0,190	FALSE
-0,069	0,306	-0,001	0,007	0,059	FALSE

0,018	0,306	0,000	0,007	0,013	FALSE
-0,068	0,306	-0,003	0,011	0,102	FALSE
-0,070	0,315	-0,002	0,010	0,082	FALSE
-0,033	0,306	-0,001	0,009	0,034	FALSE
0,048	0,299	0,002	0,011	0,081	FALSE
-0,048	0,321	-0,001	0,007	0,065	FALSE
-0,005	0,303	0,000	0,006	0,018	FALSE
0,050	0,318	0,001	0,012	0,032	FALSE
-0,039	0,304	-0,003	0,011	0,086	FALSE
0,070	0,306	0,002	0,007	0,117	FALSE
-0,046	0,305	-0,001	0,008	0,059	FALSE
-0,055	0,313	-0,001	0,007	0,049	FALSE
0,014	0,319	0,000	0,010	0,014	FALSE
0,062	0,311	0,002	0,007	0,093	FALSE
-0,022	0,308	-0,001	0,012	0,025	FALSE
0,190	0,315	0,004	0,007	0,250	FALSE
0,038	0,305	0,002	0,010	0,072	FALSE
0,040	0,294	0,002	0,009	0,082	FALSE
-0,071	0,304	-0,001	0,007	0,050	FALSE
-0,043	0,321	-0,001	0,011	0,044	FALSE
0,063	0,308	0,001	0,008	0,043	FALSE
0,006	0,295	0,001	0,011	0,038	FALSE
-0,087	0,293	-0,002	0,007	0,116	FALSE
-0,049	0,301	-0,001	0,007	0,061	FALSE
-0,138	0,309	-0,003	0,007	0,155	FALSE
-0,002	0,308	0,000	0,012	0,009	FALSE
-0,019	0,319	-0,001	0,008	0,040	FALSE
0,015	0,294	0,000	0,012	0,008	FALSE
0,031	0,307	0,001	0,013	0,040	FALSE
0,053	0,303	0,002	0,011	0,073	FALSE
0,008	0,304	0,000	0,011	0,005	FALSE
0,023	0,298	0,001	0,009	0,022	FALSE
0,027	0,326	0,001	0,012	0,021	FALSE
-0,206	0,299	-0,005	0,007	0,297	FALSE
-0,115	0,311	-0,004	0,010	0,158	FALSE
0,001	0,337	0,000	0,009	0,001	FALSE
0,148	0,299	0,005	0,011	0,206	FALSE
0,144	0,298	0,005	0,011	0,180	FALSE
0,083	0,298	0,003	0,007	0,150	FALSE
0,032	0,300	0,001	0,008	0,038	FALSE
0,073	0,311	0,002	0,013	0,061	FALSE
-0,033	0,304	0,000	0,013	0,010	FALSE
-0,018	0,329	-0,002	0,012	0,060	FALSE
-0,200	0,286	-0,008	0,012	0,304	FALSE
-0,045	0,301	0,000	0,008	0,008	FALSE
-0,109	0,300	-0,003	0,012	0,111	FALSE
-0,019	0,311	0,000	0,007	0,020	FALSE
0,087	0,311	0,004	0,010	0,148	FALSE
0,212	0,313	0,006	0,009	0,303	FALSE
-0,003	0,310	-0,001	0,013	0,035	FALSE
-0,007	0,315	0,000	0,009	0,015	FALSE
0,057	0,310	0,002	0,013	0,069	FALSE
0,014	0,313	0,001	0,011	0,043	FALSE

0,029	0,305	0,002	0,010	0,058	FALSE
-0,068	0,309	-0,002	0,007	0,104	FALSE
-0,079	0,306	-0,002	0,006	0,097	FALSE
0,042	0,312	0,001	0,012	0,042	FALSE
0,063	0,306	0,003	0,011	0,092	FALSE
0,110	0,307	0,004	0,013	0,140	FALSE
-0,109	0,310	-0,005	0,013	0,149	FALSE
0,053	0,307	0,002	0,008	0,090	FALSE
0,044	0,297	0,002	0,011	0,072	FALSE
0,050	0,323	0,002	0,008	0,077	FALSE
0,006	0,300	0,001	0,013	0,027	FALSE
0,008	0,309	0,000	0,007	0,006	FALSE
0,070	0,306	0,002	0,007	0,092	FALSE
-0,098	0,304	-0,002	0,007	0,118	FALSE
0,115	0,303	0,003	0,007	0,147	FALSE
0,036	0,304	0,001	0,009	0,027	FALSE
0,017	0,302	0,001	0,009	0,032	FALSE
-0,191	0,300	-0,005	0,008	0,273	FALSE
0,035	0,305	0,000	0,010	0,007	FALSE
0,023	0,306	0,000	0,009	0,016	FALSE
0,167	0,288	0,004	0,008	0,245	FALSE
0,117	0,305	0,004	0,008	0,182	FALSE
-0,009	0,302	-0,001	0,011	0,025	FALSE
0,018	0,303	0,000	0,011	0,003	FALSE
-0,074	0,311	-0,002	0,007	0,092	FALSE
-0,075	0,307	-0,002	0,008	0,120	FALSE
0,066	0,317	0,001	0,007	0,073	FALSE
0,050	0,291	0,001	0,007	0,051	FALSE
-0,098	0,312	-0,002	0,006	0,132	FALSE
-0,032	0,299	-0,002	0,012	0,067	FALSE
-0,080	0,308	-0,003	0,011	0,103	FALSE
-0,102	0,310	-0,004	0,010	0,146	FALSE
-0,099	0,314	-0,003	0,008	0,138	FALSE
0,010	0,303	0,001	0,008	0,028	FALSE
-0,055	0,312	-0,001	0,011	0,049	FALSE
-0,134	0,305	-0,003	0,008	0,158	FALSE
0,065	0,310	0,003	0,010	0,101	FALSE
-0,135	0,307	-0,005	0,010	0,198	FALSE
-0,027	0,318	-0,001	0,013	0,020	FALSE
0,068	0,311	0,002	0,012	0,057	FALSE
-0,077	0,312	-0,001	0,007	0,075	FALSE
0,077	0,309	0,002	0,007	0,108	FALSE
0,095	0,315	0,005	0,012	0,156	FALSE
0,218	0,298	0,006	0,009	0,287	FALSE
0,110	0,298	0,005	0,009	0,202	FALSE
0,013	0,323	0,000	0,010	0,015	FALSE
-0,095	0,317	-0,002	0,008	0,086	FALSE
0,070	0,299	0,002	0,011	0,081	FALSE
-0,011	0,316	-0,001	0,008	0,040	FALSE
-0,034	0,309	-0,001	0,006	0,038	FALSE
0,024	0,312	0,001	0,008	0,045	FALSE
0,149	0,302	0,005	0,012	0,165	FALSE
0,015	0,330	0,001	0,010	0,023	FALSE

0,014	0,311	0,000	0,010	0,007	FALSE
-0,036	0,311	-0,001	0,008	0,069	FALSE
0,104	0,305	0,003	0,009	0,154	FALSE
-0,051	0,296	-0,002	0,012	0,071	FALSE
-0,072	0,303	-0,003	0,012	0,083	FALSE
-0,035	0,309	-0,001	0,013	0,027	FALSE
0,131	0,296	0,003	0,006	0,191	FALSE
-0,048	0,305	-0,001	0,006	0,039	FALSE
0,014	0,310	0,000	0,009	0,005	FALSE
0,033	0,293	0,001	0,006	0,047	FALSE
-0,117	0,307	-0,003	0,009	0,152	FALSE
-0,079	0,310	-0,004	0,013	0,110	FALSE
0,091	0,310	0,002	0,007	0,130	FALSE
0,006	0,297	0,001	0,007	0,025	FALSE
0,018	0,318	0,000	0,012	0,012	FALSE
-0,061	0,299	-0,002	0,007	0,096	FALSE
-0,029	0,327	-0,001	0,007	0,044	FALSE
0,000	0,304	-0,001	0,010	0,037	FALSE
0,111	0,285	0,004	0,010	0,159	FALSE
-0,146	0,306	-0,006	0,013	0,189	FALSE
-0,046	0,319	-0,002	0,009	0,058	FALSE
-0,114	0,302	-0,002	0,006	0,140	FALSE
-0,005	0,308	0,000	0,006	0,022	FALSE
0,050	0,311	0,001	0,007	0,037	FALSE
0,006	0,299	0,000	0,011	0,008	FALSE
-0,003	0,311	0,000	0,006	0,015	FALSE
-0,063	0,299	-0,001	0,007	0,077	FALSE
0,026	0,317	0,001	0,012	0,015	FALSE
-0,068	0,311	-0,002	0,012	0,076	FALSE
-0,077	0,296	-0,002	0,008	0,087	FALSE
-0,020	0,304	-0,002	0,013	0,057	FALSE
0,005	0,293	0,000	0,007	0,013	FALSE
-0,026	0,307	-0,002	0,013	0,052	FALSE
0,140	0,317	0,007	0,012	0,235	FALSE
0,006	0,297	0,000	0,008	0,019	FALSE
0,067	0,308	0,002	0,010	0,094	FALSE
-0,108	0,306	-0,002	0,007	0,128	FALSE
-0,019	0,304	-0,001	0,012	0,022	FALSE
-0,038	0,295	-0,001	0,011	0,043	FALSE
-0,018	0,313	0,000	0,010	0,006	FALSE
-0,075	0,315	-0,003	0,011	0,094	FALSE
0,082	0,314	0,004	0,013	0,131	FALSE
-0,074	0,311	-0,001	0,006	0,092	FALSE
-0,028	0,309	-0,001	0,006	0,037	FALSE
0,083	0,304	0,003	0,013	0,082	FALSE
0,067	0,310	0,002	0,008	0,088	FALSE
0,088	0,307	0,002	0,007	0,097	FALSE
-0,143	0,316	-0,004	0,008	0,193	FALSE
0,112	0,295	0,003	0,008	0,161	FALSE
-0,032	0,298	0,000	0,008	0,003	FALSE
0,060	0,309	0,003	0,011	0,098	FALSE
0,011	0,316	0,000	0,010	0,017	FALSE
-0,036	0,304	-0,002	0,013	0,043	FALSE

-0,045	0,318	-0,002	0,009	0,063	FALSE
-0,062	0,300	-0,002	0,010	0,075	FALSE
0,019	0,305	0,001	0,010	0,039	FALSE
0,008	0,301	0,000	0,009	0,005	FALSE
-0,016	0,317	0,000	0,008	0,005	FALSE
-0,088	0,310	-0,004	0,012	0,120	FALSE
0,029	0,309	0,001	0,007	0,060	FALSE
0,172	0,307	0,006	0,010	0,233	FALSE
0,183	0,296	0,006	0,010	0,256	FALSE
0,136	0,297	0,005	0,013	0,164	FALSE
-0,080	0,300	-0,001	0,006	0,079	FALSE
-0,051	0,292	-0,001	0,006	0,063	FALSE
-0,088	0,306	-0,002	0,007	0,108	FALSE
0,175	0,307	0,006	0,011	0,238	FALSE
0,040	0,315	0,001	0,008	0,066	FALSE
-0,068	0,314	-0,002	0,009	0,079	FALSE
-0,004	0,309	0,000	0,007	0,005	FALSE
0,005	0,323	0,000	0,009	0,007	FALSE
0,085	0,299	0,002	0,007	0,090	FALSE
-0,034	0,313	-0,001	0,013	0,030	FALSE
-0,061	0,300	-0,001	0,006	0,059	FALSE
0,056	0,312	0,001	0,007	0,046	FALSE
-0,113	0,307	-0,002	0,006	0,140	FALSE
0,036	0,309	0,001	0,012	0,037	FALSE
-0,042	0,312	-0,001	0,007	0,061	FALSE
-0,028	0,321	-0,001	0,008	0,054	FALSE
-0,015	0,318	-0,001	0,008	0,044	FALSE
-0,071	0,301	-0,002	0,008	0,078	FALSE
0,030	0,312	0,001	0,008	0,028	FALSE
0,012	0,314	0,001	0,011	0,048	FALSE
0,009	0,299	0,001	0,011	0,043	FALSE
0,045	0,310	0,001	0,007	0,069	FALSE
0,076	0,316	0,004	0,014	0,106	FALSE
0,105	0,317	0,002	0,007	0,124	FALSE
0,154	0,310	0,003	0,007	0,184	FALSE
0,013	0,300	0,000	0,007	0,013	FALSE
-0,123	0,319	-0,003	0,007	0,166	FALSE
-0,035	0,291	-0,002	0,011	0,061	FALSE
-0,023	0,300	-0,001	0,006	0,040	FALSE
0,049	0,309	0,002	0,011	0,063	FALSE
-0,035	0,300	-0,001	0,012	0,039	FALSE
-0,049	0,297	-0,002	0,011	0,089	FALSE
-0,047	0,316	-0,001	0,009	0,057	FALSE
-0,008	0,308	0,000	0,008	0,013	FALSE
-0,096	0,309	-0,002	0,008	0,112	FALSE
0,074	0,301	0,003	0,009	0,117	FALSE
0,038	0,316	0,001	0,007	0,064	FALSE
-0,022	0,320	0,000	0,008	0,005	FALSE
0,066	0,316	0,002	0,008	0,071	FALSE
0,024	0,309	0,001	0,009	0,020	FALSE
-0,070	0,303	-0,001	0,008	0,068	FALSE
0,010	0,308	0,000	0,011	0,001	FALSE
-0,096	0,308	-0,002	0,010	0,086	FALSE

0,057	0,305	0,001	0,007	0,082	FALSE
0,042	0,308	0,001	0,007	0,073	FALSE
0,022	0,300	0,000	0,013	0,002	FALSE
-0,069	0,304	-0,003	0,011	0,092	FALSE
-0,046	0,302	-0,001	0,007	0,084	FALSE
0,092	0,308	0,002	0,008	0,113	FALSE
0,047	0,308	0,002	0,011	0,059	FALSE
-0,027	0,326	0,000	0,007	0,018	FALSE
-0,030	0,307	-0,001	0,010	0,036	FALSE
-0,060	0,330	-0,002	0,012	0,075	FALSE
-0,121	0,320	-0,005	0,011	0,167	FALSE
0,058	0,312	0,002	0,008	0,080	FALSE
-0,003	0,304	0,000	0,007	0,006	FALSE
0,066	0,293	0,001	0,008	0,060	FALSE
0,089	0,300	0,001	0,007	0,083	FALSE
0,078	0,316	0,002	0,008	0,080	FALSE
-0,037	0,292	-0,001	0,007	0,037	FALSE
-0,011	0,318	-0,001	0,010	0,029	FALSE
-0,056	0,307	-0,001	0,007	0,060	FALSE
-0,026	0,321	-0,001	0,011	0,023	FALSE
-0,037	0,312	-0,001	0,011	0,039	FALSE
-0,080	0,316	-0,001	0,007	0,072	FALSE
0,081	0,300	0,003	0,011	0,089	FALSE
-0,062	0,306	-0,002	0,010	0,067	FALSE
-0,049	0,302	-0,002	0,010	0,080	FALSE
0,108	0,300	0,003	0,009	0,121	FALSE
0,136	0,302	0,006	0,013	0,184	FALSE
-0,096	0,307	-0,004	0,011	0,130	FALSE
0,095	0,322	0,003	0,010	0,123	FALSE
0,078	0,297	0,002	0,008	0,093	FALSE
-0,098	0,320	-0,004	0,012	0,127	FALSE
-0,016	0,306	0,000	0,009	0,012	FALSE
-0,112	0,299	-0,003	0,007	0,144	FALSE
0,055	0,301	0,002	0,008	0,068	FALSE
0,065	0,320	0,002	0,008	0,072	FALSE
-0,022	0,313	-0,001	0,010	0,027	FALSE
0,045	0,316	0,002	0,007	0,084	FALSE
0,079	0,300	0,002	0,011	0,079	FALSE
0,034	0,310	0,002	0,012	0,050	FALSE
0,101	0,324	0,003	0,008	0,137	FALSE
0,034	0,302	0,000	0,009	0,009	FALSE
-0,053	0,302	-0,001	0,008	0,061	FALSE
0,075	0,308	0,003	0,012	0,087	FALSE
-0,032	0,308	0,000	0,008	0,006	FALSE
0,009	0,317	0,000	0,009	0,006	FALSE
-0,063	0,297	-0,001	0,012	0,045	FALSE
0,045	0,324	0,001	0,008	0,046	FALSE
0,046	0,306	0,001	0,008	0,034	FALSE
-0,152	0,293	-0,003	0,006	0,186	FALSE
0,024	0,313	0,000	0,007	0,013	FALSE
0,026	0,309	0,001	0,013	0,037	FALSE
-0,028	0,295	-0,001	0,013	0,018	FALSE
-0,030	0,296	-0,001	0,013	0,034	FALSE

-0,011	0,301	0,000	0,009	0,013	FALSE
0,163	0,309	0,004	0,007	0,218	FALSE
-0,129	0,287	-0,004	0,009	0,171	FALSE
0,037	0,307	0,002	0,013	0,053	FALSE
-0,198	0,291	-0,006	0,008	0,317	FALSE
-0,045	0,285	-0,002	0,011	0,071	FALSE
-0,020	0,289	-0,001	0,012	0,043	FALSE
-0,123	0,313	-0,003	0,007	0,158	FALSE
0,033	0,318	0,002	0,009	0,070	FALSE
0,139	0,297	0,004	0,008	0,213	FALSE
0,112	0,293	0,003	0,008	0,177	FALSE
0,096	0,305	0,002	0,007	0,123	FALSE
0,106	0,301	0,003	0,007	0,149	FALSE
0,068	0,289	0,002	0,007	0,101	FALSE
0,022	0,298	0,001	0,012	0,042	FALSE
0,075	0,295	0,004	0,012	0,111	FALSE
0,020	0,307	0,001	0,008	0,025	FALSE
0,006	0,300	0,000	0,008	0,013	FALSE
0,155	0,284	0,004	0,007	0,260	FALSE
0,062	0,319	0,002	0,012	0,061	FALSE
-0,035	0,297	-0,001	0,010	0,036	FALSE
-0,183	0,308	-0,005	0,008	0,235	FALSE
-0,033	0,319	-0,001	0,010	0,024	FALSE
-0,026	0,300	0,001	0,011	0,018	FALSE
-0,130	0,310	-0,003	0,007	0,161	FALSE
-0,032	0,300	-0,001	0,006	0,041	FALSE
0,041	0,316	0,001	0,009	0,044	FALSE
0,086	0,304	0,003	0,009	0,142	FALSE
-0,103	0,316	-0,002	0,006	0,134	FALSE
-0,108	0,305	-0,004	0,011	0,152	FALSE
0,081	0,306	0,004	0,012	0,118	FALSE
0,071	0,307	0,002	0,013	0,061	FALSE
-0,006	0,287	0,000	0,007	0,005	FALSE
-0,082	0,303	-0,002	0,010	0,092	FALSE
-0,084	0,317	-0,003	0,011	0,099	FALSE
-0,048	0,299	-0,002	0,012	0,046	FALSE
-0,042	0,314	-0,002	0,013	0,056	FALSE
-0,033	0,302	-0,002	0,013	0,048	FALSE
-0,077	0,308	-0,003	0,013	0,101	FALSE
-0,030	0,305	-0,002	0,012	0,048	FALSE
0,036	0,309	0,001	0,007	0,042	FALSE
0,159	0,295	0,005	0,012	0,181	FALSE
0,168	0,299	0,004	0,007	0,207	FALSE
-0,055	0,297	-0,001	0,007	0,029	FALSE
-0,052	0,311	-0,001	0,008	0,037	FALSE
-0,036	0,319	-0,002	0,014	0,059	FALSE
-0,009	0,311	0,000	0,008	0,002	FALSE
0,096	0,299	0,004	0,012	0,121	FALSE
-0,156	0,303	-0,005	0,009	0,218	FALSE
0,143	0,296	0,005	0,010	0,199	FALSE
-0,091	0,312	-0,003	0,012	0,088	FALSE
-0,155	0,300	-0,005	0,010	0,197	FALSE
-0,028	0,299	-0,001	0,006	0,042	FALSE

0,032	0,300	0,002	0,013	0,055	FALSE
-0,009	0,310	-0,001	0,008	0,029	FALSE
-0,008	0,300	0,000	0,011	0,016	FALSE
0,092	0,294	0,003	0,008	0,144	FALSE
-0,023	0,313	-0,001	0,012	0,025	FALSE
0,024	0,312	0,000	0,011	0,014	FALSE
-0,020	0,297	0,000	0,008	0,008	FALSE
0,022	0,290	0,001	0,007	0,030	FALSE
-0,057	0,305	-0,002	0,008	0,103	FALSE
0,035	0,321	0,002	0,008	0,072	FALSE
0,047	0,298	0,000	0,009	0,016	FALSE
-0,017	0,305	-0,001	0,007	0,035	FALSE
-0,034	0,310	-0,001	0,013	0,027	FALSE
-0,040	0,296	-0,001	0,007	0,044	FALSE
0,221	0,287	0,005	0,007	0,309	FALSE
-0,050	0,305	-0,001	0,007	0,045	FALSE
0,011	0,301	0,001	0,010	0,030	FALSE
0,030	0,303	0,000	0,010	0,008	FALSE
-0,032	0,301	-0,001	0,008	0,053	FALSE
-0,075	0,313	-0,002	0,008	0,086	FALSE
0,039	0,310	0,001	0,007	0,079	FALSE
-0,042	0,310	-0,001	0,010	0,050	FALSE
0,033	0,303	0,001	0,007	0,033	FALSE
-0,073	0,307	-0,002	0,007	0,129	FALSE
-0,135	0,313	-0,003	0,009	0,149	FALSE
0,140	0,313	0,005	0,009	0,238	FALSE
-0,022	0,307	-0,001	0,012	0,029	FALSE
-0,002	0,304	0,000	0,012	0,000	FALSE
0,023	0,293	0,001	0,007	0,062	FALSE
0,021	0,285	0,001	0,008	0,034	FALSE
0,143	0,290	0,004	0,009	0,180	FALSE
-0,073	0,308	-0,003	0,010	0,126	FALSE
0,002	0,311	0,000	0,011	0,014	FALSE
-0,017	0,317	-0,001	0,012	0,040	FALSE
-0,084	0,312	-0,002	0,007	0,105	FALSE
0,089	0,303	0,002	0,006	0,122	FALSE
0,074	0,307	0,002	0,007	0,116	FALSE
0,028	0,304	0,001	0,009	0,042	FALSE
-0,024	0,315	-0,001	0,007	0,039	FALSE
0,142	0,302	0,005	0,011	0,177	FALSE
-0,049	0,294	-0,001	0,006	0,043	FALSE
0,066	0,303	0,001	0,008	0,057	FALSE
-0,152	0,300	-0,006	0,011	0,231	FALSE
0,073	0,301	0,002	0,012	0,055	FALSE
-0,020	0,292	0,000	0,009	0,007	FALSE
0,148	0,289	0,004	0,007	0,229	FALSE
-0,044	0,308	0,000	0,011	0,016	FALSE
-0,019	0,300	-0,001	0,013	0,038	FALSE
0,064	0,322	0,003	0,013	0,095	FALSE
-0,070	0,311	-0,002	0,008	0,100	FALSE
0,061	0,297	0,001	0,008	0,057	FALSE
-0,058	0,296	-0,002	0,013	0,059	FALSE
-0,067	0,311	-0,001	0,007	0,084	FALSE

-0,071	0,307	-0,002	0,011	0,055	FALSE
0,074	0,306	0,003	0,009	0,122	FALSE
0,039	0,314	0,002	0,012	0,057	FALSE
0,070	0,299	0,002	0,009	0,092	FALSE
0,177	0,303	0,004	0,007	0,261	FALSE
-0,096	0,304	-0,003	0,008	0,122	FALSE
0,169	0,316	0,007	0,011	0,256	FALSE
-0,122	0,321	-0,005	0,012	0,148	FALSE
0,129	0,301	0,003	0,007	0,184	FALSE
0,021	0,295	0,002	0,012	0,059	FALSE
0,006	0,306	0,001	0,013	0,022	FALSE
-0,008	0,302	-0,001	0,012	0,016	FALSE
-0,035	0,309	0,000	0,011	0,011	FALSE
0,013	0,300	0,000	0,009	0,017	FALSE
-0,033	0,308	-0,002	0,011	0,055	FALSE
0,033	0,311	0,002	0,011	0,055	FALSE
-0,029	0,309	-0,001	0,007	0,056	FALSE
0,059	0,308	0,001	0,007	0,040	FALSE
0,164	0,303	0,004	0,007	0,224	FALSE
-0,060	0,309	-0,002	0,011	0,084	FALSE
-0,048	0,306	-0,001	0,009	0,052	FALSE
-0,006	0,317	0,000	0,009	0,001	FALSE
0,028	0,299	0,001	0,006	0,057	FALSE
0,105	0,312	0,005	0,013	0,134	FALSE
-0,070	0,301	-0,002	0,007	0,092	FALSE
-0,053	0,312	-0,002	0,009	0,061	FALSE
-0,035	0,296	-0,001	0,009	0,026	FALSE
0,096	0,290	0,002	0,006	0,109	FALSE
0,157	0,304	0,006	0,013	0,180	FALSE
0,015	0,322	0,000	0,009	0,011	FALSE
-0,035	0,315	-0,001	0,011	0,029	FALSE
-0,092	0,315	-0,002	0,007	0,107	FALSE
0,031	0,286	0,002	0,012	0,064	FALSE
0,095	0,310	0,003	0,009	0,137	FALSE
-0,118	0,294	-0,007	0,012	0,241	FALSE
0,105	0,304	0,003	0,007	0,173	FALSE
-0,058	0,288	-0,003	0,011	0,102	FALSE
-0,078	0,314	-0,003	0,014	0,086	FALSE
0,049	0,298	0,001	0,006	0,059	FALSE
0,008	0,314	0,001	0,011	0,022	FALSE
-0,036	0,314	-0,001	0,009	0,037	FALSE
0,003	0,304	0,000	0,008	0,013	FALSE
0,034	0,302	0,001	0,008	0,025	FALSE
-0,050	0,305	-0,001	0,007	0,043	FALSE
0,049	0,310	0,001	0,008	0,063	FALSE
-0,004	0,300	0,000	0,009	0,006	FALSE
0,102	0,308	0,004	0,011	0,125	FALSE
0,002	0,317	0,000	0,008	0,003	FALSE
0,091	0,319	0,003	0,012	0,102	FALSE
0,022	0,310	0,000	0,009	0,018	FALSE
-0,128	0,313	-0,005	0,012	0,171	FALSE
0,017	0,312	0,001	0,007	0,038	FALSE
-0,082	0,326	-0,003	0,013	0,090	FALSE

-0,090	0,313	-0,002	0,006	0,133	FALSE
0,110	0,314	0,003	0,007	0,184	FALSE
-0,010	0,317	0,000	0,006	0,004	FALSE
-0,078	0,320	-0,002	0,010	0,096	FALSE
-0,063	0,309	-0,002	0,010	0,077	FALSE
-0,121	0,299	-0,003	0,008	0,148	FALSE
-0,075	0,307	-0,002	0,008	0,085	FALSE
-0,147	0,301	-0,004	0,008	0,192	FALSE
0,003	0,309	-0,001	0,012	0,027	FALSE
-0,117	0,302	-0,003	0,008	0,167	FALSE
-0,005	0,310	0,000	0,012	0,005	FALSE
-0,010	0,310	0,000	0,008	0,009	FALSE
-0,069	0,305	-0,001	0,008	0,062	FALSE
-0,045	0,289	-0,002	0,012	0,078	FALSE
0,025	0,297	0,001	0,011	0,048	FALSE
0,029	0,307	0,002	0,011	0,054	FALSE
0,044	0,319	0,001	0,007	0,037	FALSE
0,002	0,293	-0,001	0,007	0,049	FALSE
-0,151	0,296	-0,003	0,007	0,171	FALSE
-0,012	0,311	-0,001	0,009	0,042	FALSE
0,104	0,306	0,004	0,012	0,137	FALSE
0,058	0,303	0,001	0,007	0,052	FALSE
-0,095	0,315	-0,002	0,007	0,128	FALSE
-0,082	0,306	-0,001	0,006	0,077	FALSE
0,021	0,306	0,000	0,010	0,016	FALSE
-0,046	0,305	-0,002	0,009	0,084	FALSE
0,035	0,309	0,000	0,011	0,004	FALSE
-0,041	0,308	-0,001	0,010	0,055	FALSE
-0,045	0,311	-0,001	0,009	0,056	FALSE
0,024	0,308	0,001	0,013	0,024	FALSE
-0,075	0,306	-0,002	0,007	0,089	FALSE
0,016	0,317	0,001	0,011	0,029	FALSE
-0,107	0,313	-0,003	0,008	0,154	FALSE
-0,105	0,308	-0,003	0,012	0,112	FALSE
-0,074	0,312	-0,002	0,009	0,095	FALSE
0,063	0,314	0,002	0,009	0,081	FALSE
-0,060	0,297	-0,002	0,012	0,059	FALSE
0,161	0,307	0,005	0,009	0,228	FALSE
-0,011	0,309	0,000	0,013	0,003	FALSE
-0,124	0,301	-0,002	0,006	0,140	FALSE
0,033	0,311	0,001	0,007	0,060	FALSE
-0,017	0,317	-0,001	0,009	0,026	FALSE
0,002	0,302	0,001	0,007	0,031	FALSE
0,032	0,294	0,002	0,007	0,085	FALSE
-0,083	0,302	-0,004	0,012	0,122	FALSE
-0,153	0,306	-0,004	0,009	0,210	FALSE
0,044	0,301	0,001	0,007	0,069	FALSE
-0,025	0,305	-0,001	0,009	0,045	FALSE
-0,111	0,282	-0,004	0,012	0,136	FALSE
0,007	0,309	0,000	0,007	0,008	FALSE
0,090	0,309	0,002	0,007	0,134	FALSE
0,105	0,311	0,003	0,011	0,115	FALSE
0,131	0,285	0,002	0,006	0,164	FALSE

0,100	0,301	0,003	0,009	0,117	FALSE
0,024	0,309	0,001	0,009	0,043	FALSE
0,088	0,303	0,003	0,013	0,098	FALSE
0,017	0,299	0,000	0,010	0,006	FALSE
0,031	0,308	0,001	0,010	0,028	FALSE
-0,021	0,305	0,000	0,009	0,010	FALSE
-0,067	0,308	-0,002	0,011	0,055	FALSE
0,042	0,312	0,002	0,012	0,059	FALSE
-0,023	0,302	0,000	0,009	0,003	FALSE
0,030	0,315	0,001	0,007	0,030	FALSE
0,004	0,295	0,000	0,008	0,019	FALSE
-0,024	0,313	-0,001	0,011	0,041	FALSE
-0,052	0,306	-0,001	0,006	0,066	FALSE
0,002	0,301	0,000	0,007	0,014	FALSE
0,051	0,315	0,001	0,007	0,076	FALSE
-0,078	0,318	-0,002	0,011	0,073	FALSE
0,033	0,293	0,002	0,012	0,062	FALSE
-0,023	0,294	0,000	0,008	0,008	FALSE
-0,018	0,316	0,000	0,011	0,007	FALSE
-0,110	0,310	-0,003	0,009	0,129	FALSE
-0,133	0,307	-0,002	0,007	0,140	FALSE
0,056	0,297	0,002	0,008	0,078	FALSE
0,033	0,308	0,001	0,013	0,020	FALSE
0,015	0,304	0,000	0,007	0,012	FALSE
-0,140	0,317	-0,005	0,012	0,165	FALSE
-0,031	0,316	0,000	0,007	0,016	FALSE
0,031	0,318	0,002	0,011	0,061	FALSE
-0,004	0,311	0,001	0,007	0,028	FALSE
-0,003	0,322	0,000	0,010	0,006	FALSE
-0,047	0,305	-0,002	0,009	0,070	FALSE
-0,057	0,305	-0,001	0,009	0,056	FALSE
-0,079	0,301	-0,002	0,007	0,079	FALSE
0,027	0,306	0,001	0,011	0,021	FALSE
-0,038	0,319	-0,002	0,011	0,070	FALSE
-0,070	0,305	-0,003	0,011	0,113	FALSE
-0,060	0,307	-0,003	0,011	0,100	FALSE
0,057	0,306	0,001	0,007	0,070	FALSE
0,063	0,304	0,002	0,011	0,075	FALSE
-0,105	0,310	-0,002	0,007	0,108	FALSE
-0,007	0,315	0,000	0,009	0,009	FALSE
-0,140	0,298	-0,004	0,008	0,183	FALSE
0,038	0,296	0,001	0,007	0,043	FALSE
-0,024	0,308	0,000	0,007	0,015	FALSE
0,064	0,297	0,003	0,010	0,115	FALSE
0,155	0,313	0,005	0,011	0,172	FALSE
-0,191	0,303	-0,007	0,010	0,291	FALSE
0,056	0,306	0,001	0,009	0,042	FALSE
-0,072	0,317	-0,002	0,007	0,085	FALSE
-0,014	0,316	-0,001	0,010	0,028	FALSE
-0,048	0,310	-0,002	0,010	0,065	FALSE
-0,124	0,305	-0,003	0,007	0,162	FALSE
0,012	0,299	0,001	0,010	0,021	FALSE
0,025	0,301	0,001	0,006	0,035	FALSE

0,097	0,304	0,004	0,010	0,149	FALSE
0,106	0,310	0,004	0,012	0,120	FALSE
0,101	0,307	0,004	0,012	0,127	FALSE
0,006	0,297	0,001	0,009	0,020	FALSE
-0,108	0,312	-0,004	0,010	0,159	FALSE
-0,058	0,308	-0,001	0,008	0,068	FALSE
0,041	0,305	0,002	0,013	0,051	FALSE
0,044	0,308	0,002	0,013	0,046	FALSE
0,016	0,317	0,001	0,006	0,029	FALSE
0,031	0,325	0,001	0,010	0,046	FALSE
0,008	0,320	0,001	0,008	0,030	FALSE
-0,031	0,309	-0,001	0,009	0,038	FALSE
-0,037	0,311	-0,001	0,011	0,045	FALSE
0,132	0,303	0,005	0,013	0,150	FALSE
-0,032	0,298	0,000	0,008	0,001	FALSE
-0,085	0,311	-0,002	0,007	0,115	FALSE
-0,001	0,313	0,000	0,008	0,011	FALSE
0,013	0,314	0,001	0,013	0,019	FALSE
-0,062	0,313	-0,001	0,006	0,045	FALSE
-0,038	0,307	-0,001	0,010	0,042	FALSE
0,177	0,310	0,006	0,008	0,299	FALSE
-0,080	0,315	-0,002	0,007	0,133	FALSE
-0,064	0,308	-0,002	0,010	0,060	FALSE
-0,080	0,312	-0,002	0,010	0,083	FALSE
0,041	0,329	0,001	0,008	0,023	FALSE
0,106	0,301	0,003	0,007	0,163	FALSE
0,048	0,288	0,001	0,006	0,065	FALSE
0,003	0,304	0,000	0,011	0,009	FALSE
-0,096	0,308	-0,003	0,009	0,137	FALSE
-0,083	0,301	-0,002	0,007	0,113	FALSE
-0,014	0,315	0,000	0,008	0,005	FALSE
-0,039	0,321	-0,002	0,009	0,069	FALSE
-0,057	0,304	-0,001	0,010	0,041	FALSE
-0,167	0,299	-0,004	0,009	0,194	FALSE
-0,125	0,299	-0,004	0,010	0,152	FALSE
0,060	0,313	0,002	0,011	0,053	FALSE
-0,019	0,306	0,000	0,013	0,002	FALSE
-0,018	0,317	-0,001	0,012	0,016	FALSE
-0,020	0,311	0,000	0,008	0,009	FALSE
-0,037	0,312	-0,001	0,008	0,059	FALSE
-0,075	0,287	-0,003	0,010	0,104	FALSE
-0,042	0,317	-0,001	0,008	0,066	FALSE
-0,154	0,286	-0,003	0,006	0,264	FALSE
-0,038	0,326	-0,001	0,007	0,063	FALSE
-0,023	0,323	0,000	0,011	0,003	FALSE
0,030	0,313	0,001	0,008	0,055	FALSE
0,035	0,307	0,001	0,008	0,052	FALSE
-0,073	0,308	-0,002	0,010	0,080	FALSE
0,071	0,303	0,002	0,013	0,071	FALSE
0,007	0,312	0,000	0,007	0,011	FALSE
0,057	0,316	0,001	0,007	0,054	FALSE
0,034	0,303	0,001	0,008	0,039	FALSE
0,054	0,310	0,003	0,009	0,112	FALSE

0,018	0,309	0,002	0,011	0,068	FALSE
-0,052	0,308	-0,002	0,013	0,070	FALSE
-0,048	0,307	-0,001	0,012	0,044	FALSE
0,097	0,300	0,002	0,008	0,118	FALSE
0,009	0,308	0,000	0,012	0,000	FALSE
0,007	0,304	0,000	0,012	0,015	FALSE
-0,086	0,303	-0,003	0,010	0,121	FALSE
0,092	0,302	0,002	0,008	0,113	FALSE
-0,080	0,314	-0,002	0,009	0,068	FALSE
0,133	0,316	0,003	0,010	0,141	FALSE
-0,054	0,320	-0,002	0,011	0,065	FALSE
-0,020	0,300	-0,001	0,012	0,025	FALSE
0,020	0,309	0,000	0,008	0,015	FALSE
-0,028	0,311	0,000	0,008	0,022	FALSE
0,054	0,302	0,003	0,010	0,097	FALSE
-0,061	0,297	-0,002	0,009	0,101	FALSE
0,016	0,311	0,001	0,007	0,034	FALSE
0,041	0,307	0,001	0,007	0,043	FALSE
0,072	0,302	0,003	0,010	0,101	FALSE
0,059	0,305	0,002	0,011	0,082	FALSE
0,011	0,311	0,000	0,009	0,011	FALSE
-0,101	0,323	-0,004	0,011	0,144	FALSE
-0,004	0,311	0,000	0,009	0,015	FALSE
-0,096	0,299	-0,003	0,008	0,134	FALSE
0,147	0,300	0,004	0,007	0,301	FALSE
0,108	0,306	0,002	0,009	0,104	FALSE
0,103	0,306	0,003	0,010	0,100	FALSE
-0,015	0,287	0,000	0,010	0,001	FALSE
-0,157	0,296	-0,005	0,009	0,206	FALSE
-0,034	0,298	-0,002	0,012	0,060	FALSE
-0,024	0,304	-0,001	0,011	0,034	FALSE
-0,095	0,311	-0,005	0,013	0,162	FALSE
0,242	0,300	0,005	0,007	0,360	FALSE
-0,049	0,302	0,000	0,007	0,019	FALSE
0,031	0,315	0,001	0,008	0,047	FALSE
0,038	0,307	0,001	0,007	0,080	FALSE
-0,016	0,300	0,000	0,009	0,005	FALSE
0,010	0,316	0,000	0,010	0,015	FALSE
-0,040	0,316	-0,001	0,010	0,039	FALSE
0,058	0,305	0,001	0,011	0,041	FALSE
0,131	0,307	0,003	0,007	0,186	FALSE
-0,046	0,300	-0,001	0,007	0,071	FALSE
-0,026	0,309	-0,001	0,009	0,044	FALSE
-0,137	0,299	-0,004	0,009	0,160	FALSE
0,031	0,315	0,001	0,011	0,017	FALSE
0,082	0,306	0,002	0,009	0,063	FALSE
0,148	0,304	0,005	0,009	0,202	FALSE
0,049	0,302	0,001	0,007	0,084	FALSE
0,024	0,307	0,001	0,008	0,023	FALSE
-0,064	0,305	-0,002	0,010	0,071	FALSE
0,223	0,281	0,007	0,008	0,401	FALSE
0,088	0,328	0,004	0,013	0,113	FALSE
-0,191	0,285	-0,008	0,012	0,285	FALSE

-0,001	0,318	0,000	0,010	0,001	FALSE
0,171	0,294	0,005	0,008	0,263	FALSE
-0,007	0,302	0,000	0,010	0,003	FALSE
0,024	0,301	0,000	0,008	0,020	FALSE
-0,011	0,292	0,000	0,006	0,004	FALSE
-0,003	0,312	0,000	0,008	0,008	FALSE
-0,091	0,323	-0,002	0,008	0,118	FALSE
-0,058	0,296	-0,002	0,009	0,081	FALSE
0,049	0,310	0,001	0,007	0,058	FALSE
0,145	0,301	0,003	0,007	0,208	FALSE
-0,099	0,312	-0,003	0,009	0,106	FALSE
-0,070	0,305	-0,001	0,007	0,075	FALSE
0,015	0,302	0,001	0,012	0,028	FALSE
0,024	0,312	0,002	0,011	0,052	FALSE
0,012	0,305	0,001	0,011	0,033	FALSE
-0,104	0,311	-0,004	0,012	0,141	FALSE
0,017	0,306	0,001	0,013	0,015	FALSE
-0,019	0,309	0,000	0,009	0,009	FALSE
0,002	0,311	0,001	0,008	0,037	FALSE
0,112	0,298	0,005	0,012	0,158	FALSE
0,017	0,302	0,000	0,012	0,011	FALSE
-0,105	0,310	-0,002	0,007	0,117	FALSE
-0,124	0,321	-0,003	0,007	0,150	FALSE
0,007	0,305	0,000	0,007	0,016	FALSE
0,027	0,307	0,001	0,009	0,034	FALSE
0,119	0,294	0,004	0,011	0,153	FALSE
-0,012	0,317	0,000	0,009	0,017	FALSE
0,169	0,310	0,004	0,008	0,238	FALSE
0,155	0,310	0,004	0,008	0,195	FALSE
-0,044	0,294	0,000	0,006	0,017	FALSE
-0,011	0,322	0,000	0,008	0,012	FALSE
0,055	0,301	0,002	0,012	0,065	FALSE
-0,059	0,309	-0,002	0,006	0,092	FALSE
0,032	0,320	0,001	0,009	0,043	FALSE
-0,125	0,300	-0,004	0,011	0,169	FALSE
-0,068	0,302	-0,003	0,012	0,091	FALSE
-0,109	0,298	-0,004	0,011	0,150	FALSE
0,048	0,316	0,002	0,008	0,072	FALSE
-0,037	0,316	-0,001	0,008	0,038	FALSE
-0,029	0,300	0,000	0,012	0,011	FALSE
-0,063	0,301	-0,001	0,007	0,053	FALSE
0,134	0,313	0,005	0,012	0,181	FALSE
-0,010	0,305	0,000	0,008	0,006	FALSE
0,032	0,313	0,001	0,007	0,062	FALSE
-0,205	0,299	-0,008	0,012	0,308	FALSE
0,066	0,299	0,003	0,009	0,136	FALSE
-0,096	0,307	-0,002	0,008	0,127	FALSE
-0,080	0,303	-0,003	0,012	0,102	FALSE
-0,023	0,319	-0,001	0,012	0,024	FALSE
-0,096	0,304	-0,004	0,012	0,131	FALSE
-0,149	0,309	-0,006	0,011	0,205	FALSE
0,071	0,310	0,002	0,009	0,070	FALSE
0,108	0,297	0,002	0,006	0,100	FALSE

0,066	0,307	0,001	0,013	0,030	FALSE
-0,044	0,296	-0,001	0,007	0,044	FALSE
-0,164	0,302	-0,004	0,008	0,206	FALSE
0,074	0,301	0,003	0,010	0,111	FALSE
-0,129	0,295	-0,005	0,010	0,188	FALSE
0,032	0,322	0,001	0,012	0,018	FALSE
0,002	0,307	0,000	0,011	0,014	FALSE
0,021	0,310	0,001	0,007	0,041	FALSE
0,036	0,298	0,002	0,013	0,047	FALSE
-0,081	0,320	-0,004	0,012	0,127	FALSE
0,136	0,310	0,004	0,008	0,193	FALSE
0,021	0,303	0,000	0,007	0,015	FALSE
0,210	0,280	0,009	0,011	0,380	FALSE
-0,123	0,326	-0,003	0,008	0,168	FALSE
-0,113	0,311	-0,002	0,008	0,125	FALSE
-0,093	0,318	-0,004	0,011	0,123	FALSE
-0,057	0,319	-0,002	0,010	0,077	FALSE
-0,065	0,311	-0,002	0,008	0,094	FALSE
-0,029	0,314	-0,001	0,010	0,045	FALSE
-0,052	0,311	-0,001	0,011	0,036	FALSE
-0,074	0,321	-0,002	0,012	0,061	FALSE
0,056	0,303	0,001	0,008	0,068	FALSE
-0,099	0,304	-0,003	0,011	0,102	FALSE
0,026	0,313	0,000	0,010	0,017	FALSE
-0,036	0,312	-0,001	0,007	0,052	FALSE
-0,026	0,321	-0,001	0,013	0,027	FALSE
-0,083	0,300	-0,003	0,008	0,131	FALSE
-0,051	0,312	-0,002	0,008	0,075	FALSE
-0,009	0,292	0,000	0,007	0,009	FALSE
-0,053	0,307	-0,003	0,012	0,100	FALSE
0,001	0,313	0,000	0,009	0,018	FALSE
0,026	0,313	0,001	0,007	0,042	FALSE
0,087	0,316	0,002	0,007	0,130	FALSE
0,050	0,319	0,002	0,009	0,076	FALSE
0,028	0,311	0,001	0,008	0,037	FALSE
0,018	0,308	0,000	0,009	0,015	FALSE
-0,040	0,299	0,000	0,008	0,011	FALSE
0,040	0,325	0,002	0,013	0,050	FALSE
-0,044	0,305	-0,001	0,008	0,024	FALSE
0,136	0,309	0,003	0,007	0,146	FALSE
0,001	0,307	-0,001	0,011	0,031	FALSE
-0,004	0,299	-0,002	0,012	0,057	FALSE
-0,046	0,304	-0,002	0,012	0,045	FALSE
0,133	0,308	0,004	0,008	0,192	FALSE
0,031	0,308	0,000	0,007	0,021	FALSE
0,155	0,303	0,005	0,008	0,245	FALSE
0,065	0,305	0,002	0,008	0,117	FALSE
0,002	0,303	0,000	0,010	0,006	FALSE
-0,011	0,311	0,000	0,010	0,010	FALSE
0,002	0,300	0,000	0,006	0,014	FALSE
0,017	0,302	0,000	0,009	0,008	FALSE
0,010	0,314	0,000	0,008	0,017	FALSE
-0,219	0,300	-0,008	0,010	0,359	FALSE

0,052	0,312	0,002	0,011	0,073	FALSE
0,060	0,302	0,003	0,012	0,089	FALSE
0,020	0,311	0,001	0,011	0,039	FALSE
-0,013	0,313	0,000	0,010	0,013	FALSE
0,004	0,306	0,000	0,008	0,013	FALSE
0,084	0,302	0,004	0,012	0,118	FALSE
0,084	0,305	0,003	0,011	0,106	FALSE
0,031	0,303	0,001	0,006	0,038	FALSE
0,028	0,311	0,001	0,006	0,040	FALSE
-0,008	0,315	0,000	0,009	0,003	FALSE
-0,005	0,304	-0,001	0,011	0,017	FALSE
-0,079	0,304	-0,004	0,010	0,141	FALSE
0,000	0,306	0,000	0,009	0,001	FALSE
-0,066	0,317	-0,001	0,007	0,062	FALSE
0,032	0,306	0,002	0,011	0,057	FALSE
0,028	0,317	0,002	0,012	0,057	FALSE
-0,036	0,319	-0,001	0,008	0,052	FALSE
0,075	0,302	0,003	0,010	0,105	FALSE
0,106	0,290	0,003	0,011	0,124	FALSE
-0,016	0,297	0,000	0,007	0,008	FALSE
0,070	0,305	0,002	0,010	0,072	FALSE
-0,103	0,309	-0,004	0,013	0,132	FALSE
0,005	0,313	0,000	0,011	0,007	FALSE
-0,106	0,309	-0,005	0,011	0,163	FALSE
-0,033	0,308	-0,001	0,007	0,026	FALSE
0,114	0,303	0,005	0,012	0,149	FALSE
-0,148	0,312	-0,005	0,011	0,195	FALSE
0,058	0,298	0,002	0,008	0,094	FALSE
0,040	0,312	0,002	0,009	0,104	FALSE
-0,005	0,314	-0,001	0,013	0,015	FALSE
-0,023	0,322	-0,001	0,009	0,036	FALSE
0,106	0,319	0,003	0,009	0,142	FALSE
-0,118	0,313	-0,004	0,009	0,153	FALSE
-0,043	0,299	-0,002	0,011	0,054	FALSE
-0,019	0,323	0,000	0,012	0,008	FALSE
0,023	0,324	0,001	0,012	0,036	FALSE
-0,105	0,312	-0,003	0,008	0,152	FALSE
0,089	0,303	0,002	0,006	0,116	FALSE
0,080	0,307	0,002	0,008	0,127	FALSE
0,070	0,311	0,002	0,010	0,081	FALSE
0,022	0,307	0,000	0,008	0,003	FALSE
0,135	0,310	0,005	0,013	0,142	FALSE
-0,050	0,312	-0,001	0,011	0,048	FALSE
-0,082	0,310	-0,002	0,009	0,103	FALSE
-0,080	0,305	-0,002	0,010	0,085	FALSE
0,032	0,304	0,001	0,011	0,039	FALSE
0,074	0,316	0,002	0,007	0,108	FALSE
0,063	0,310	0,002	0,007	0,099	FALSE
0,065	0,301	0,002	0,007	0,122	FALSE
0,049	0,294	0,001	0,007	0,068	FALSE
-0,072	0,306	-0,002	0,010	0,081	FALSE
0,015	0,302	0,000	0,012	0,003	FALSE
0,130	0,310	0,006	0,011	0,207	FALSE

-0,145	0,304	-0,006	0,012	0,213	FALSE
0,088	0,304	0,002	0,007	0,088	FALSE
-0,066	0,317	-0,002	0,009	0,093	FALSE
-0,100	0,287	-0,005	0,012	0,182	FALSE
-0,055	0,315	-0,001	0,008	0,061	FALSE
-0,034	0,311	-0,001	0,009	0,059	FALSE
-0,062	0,302	-0,001	0,007	0,049	FALSE
-0,113	0,317	-0,004	0,008	0,181	FALSE
-0,101	0,322	-0,005	0,012	0,157	FALSE
-0,045	0,316	-0,001	0,007	0,046	FALSE
-0,071	0,298	-0,001	0,007	0,061	FALSE
0,058	0,316	0,001	0,008	0,067	FALSE
-0,006	0,311	0,000	0,008	0,015	FALSE
-0,092	0,291	-0,003	0,010	0,112	FALSE
-0,032	0,314	-0,001	0,011	0,022	FALSE
-0,086	0,311	-0,004	0,012	0,127	FALSE
0,131	0,284	0,002	0,007	0,148	FALSE
0,033	0,315	0,001	0,006	0,043	FALSE
0,024	0,306	0,001	0,010	0,036	FALSE
-0,097	0,296	-0,004	0,013	0,136	FALSE
-0,033	0,322	-0,001	0,010	0,055	FALSE
0,162	0,308	0,004	0,007	0,236	FALSE
-0,100	0,298	-0,002	0,007	0,111	FALSE
0,040	0,304	0,000	0,008	0,022	FALSE
-0,065	0,308	-0,001	0,007	0,076	FALSE
0,067	0,301	0,002	0,006	0,105	FALSE
0,094	0,310	0,004	0,012	0,121	FALSE
-0,076	0,301	-0,001	0,007	0,075	FALSE
0,037	0,299	0,001	0,007	0,041	FALSE
-0,019	0,306	0,000	0,006	0,002	FALSE
0,074	0,317	0,003	0,012	0,111	FALSE
-0,039	0,307	-0,001	0,008	0,061	FALSE
-0,012	0,321	0,000	0,007	0,008	FALSE
-0,122	0,314	-0,004	0,010	0,162	FALSE
-0,038	0,308	-0,001	0,007	0,065	FALSE
0,017	0,310	0,000	0,009	0,007	FALSE
0,100	0,299	0,002	0,006	0,127	FALSE
-0,052	0,309	-0,002	0,011	0,082	FALSE
-0,053	0,306	-0,001	0,009	0,060	FALSE
0,016	0,321	0,001	0,008	0,023	FALSE
0,048	0,298	0,002	0,008	0,076	FALSE
0,022	0,321	0,001	0,011	0,048	FALSE
0,066	0,296	0,002	0,006	0,101	FALSE
-0,054	0,298	-0,001	0,010	0,037	FALSE
-0,014	0,301	-0,001	0,009	0,029	FALSE
0,032	0,307	0,001	0,008	0,039	FALSE
0,050	0,315	0,001	0,008	0,056	FALSE
0,141	0,305	0,006	0,012	0,190	FALSE
0,040	0,307	0,001	0,007	0,076	FALSE
0,009	0,309	0,001	0,007	0,039	FALSE
0,088	0,311	0,002	0,008	0,111	FALSE
0,014	0,311	0,001	0,008	0,026	FALSE
-0,094	0,308	-0,004	0,011	0,132	FALSE

-0,013	0,308	0,000	0,007	0,003	FALSE
0,074	0,318	0,003	0,014	0,085	FALSE
0,161	0,289	0,005	0,010	0,226	FALSE
-0,045	0,293	-0,001	0,007	0,034	FALSE
0,133	0,297	0,004	0,009	0,151	FALSE
-0,046	0,315	-0,001	0,008	0,039	FALSE
-0,009	0,309	0,000	0,008	0,009	FALSE
-0,060	0,319	-0,002	0,012	0,072	FALSE
0,064	0,309	0,002	0,008	0,088	FALSE
0,009	0,299	0,000	0,010	0,000	FALSE
0,059	0,290	0,002	0,010	0,061	FALSE
0,023	0,309	0,001	0,012	0,025	FALSE
0,081	0,310	0,003	0,009	0,109	FALSE
0,120	0,287	0,003	0,007	0,185	FALSE
0,026	0,302	0,001	0,012	0,032	FALSE
0,068	0,288	0,002	0,010	0,086	FALSE
0,068	0,311	0,002	0,010	0,086	FALSE
0,019	0,310	0,000	0,009	0,001	FALSE
0,065	0,289	0,002	0,007	0,136	FALSE
0,000	0,312	0,001	0,011	0,018	FALSE
-0,024	0,305	-0,001	0,009	0,032	FALSE
0,030	0,303	0,001	0,010	0,028	FALSE
-0,127	0,316	-0,006	0,013	0,198	FALSE
-0,114	0,307	-0,006	0,013	0,179	FALSE
-0,098	0,309	-0,005	0,013	0,153	FALSE
-0,131	0,307	-0,007	0,013	0,217	FALSE
0,095	0,304	0,004	0,012	0,125	FALSE
-0,091	0,285	-0,002	0,008	0,107	FALSE
-0,055	0,302	-0,001	0,008	0,047	FALSE
-0,035	0,303	-0,001	0,013	0,015	FALSE
0,025	0,320	0,001	0,012	0,026	FALSE
-0,033	0,310	-0,002	0,012	0,048	FALSE
-0,027	0,324	-0,001	0,013	0,029	FALSE
0,008	0,324	0,000	0,012	0,009	FALSE
-0,053	0,308	-0,001	0,007	0,066	FALSE
-0,029	0,314	-0,001	0,012	0,019	FALSE
0,005	0,298	0,000	0,008	0,014	FALSE
0,035	0,299	0,001	0,012	0,022	FALSE
-0,040	0,311	0,000	0,010	0,009	FALSE
-0,081	0,308	-0,001	0,007	0,077	FALSE
-0,043	0,317	-0,001	0,007	0,050	FALSE
-0,095	0,288	-0,004	0,009	0,177	FALSE
0,107	0,312	0,004	0,009	0,167	FALSE
0,119	0,314	0,003	0,008	0,166	FALSE
-0,049	0,317	-0,002	0,012	0,051	FALSE
0,026	0,306	0,000	0,008	0,020	FALSE
-0,004	0,323	0,000	0,007	0,009	FALSE
-0,098	0,295	-0,002	0,006	0,131	FALSE
-0,020	0,292	-0,002	0,012	0,059	FALSE
-0,076	0,310	-0,002	0,013	0,057	FALSE
-0,053	0,313	-0,002	0,013	0,051	FALSE
0,085	0,302	0,003	0,012	0,107	FALSE
-0,093	0,307	-0,002	0,008	0,117	FALSE

0,076	0,321	0,002	0,008	0,105	FALSE
0,007	0,297	0,000	0,009	0,007	FALSE
0,049	0,299	0,000	0,007	0,009	FALSE
0,030	0,293	0,001	0,009	0,032	FALSE
-0,046	0,308	-0,001	0,011	0,024	FALSE
0,060	0,311	0,002	0,009	0,069	FALSE
0,037	0,318	0,001	0,008	0,058	FALSE
0,009	0,316	0,000	0,010	0,010	FALSE
0,039	0,306	0,002	0,009	0,077	FALSE
-0,047	0,312	-0,001	0,009	0,044	FALSE
0,021	0,299	0,000	0,009	0,007	FALSE
-0,059	0,310	-0,001	0,008	0,067	FALSE
-0,001	0,295	0,001	0,012	0,043	FALSE
0,013	0,294	0,003	0,012	0,076	FALSE
-0,015	0,309	-0,002	0,011	0,050	FALSE
-0,035	0,313	-0,001	0,013	0,028	FALSE
0,046	0,305	0,001	0,008	0,066	FALSE
0,034	0,300	0,001	0,008	0,048	FALSE
-0,008	0,314	0,000	0,007	0,003	FALSE
0,033	0,302	0,001	0,007	0,050	FALSE
-0,028	0,305	0,000	0,011	0,013	FALSE
0,131	0,304	0,005	0,012	0,170	FALSE
0,028	0,319	0,001	0,009	0,023	FALSE
0,065	0,320	0,002	0,008	0,071	FALSE
-0,002	0,293	0,000	0,007	0,001	FALSE
0,050	0,309	0,002	0,010	0,075	FALSE
-0,070	0,320	-0,002	0,009	0,079	FALSE
0,022	0,316	0,001	0,010	0,026	FALSE
-0,023	0,300	0,000	0,012	0,011	FALSE
0,001	0,320	0,000	0,008	0,019	FALSE
-0,072	0,296	-0,003	0,012	0,087	FALSE
0,040	0,290	0,001	0,012	0,022	FALSE
0,134	0,322	0,005	0,012	0,165	FALSE
0,091	0,304	0,003	0,009	0,120	FALSE
0,073	0,290	0,002	0,006	0,093	FALSE
-0,007	0,307	0,000	0,013	0,012	FALSE
-0,017	0,320	-0,001	0,013	0,025	FALSE
-0,075	0,314	-0,003	0,012	0,086	FALSE
-0,075	0,300	-0,003	0,010	0,103	FALSE
-0,082	0,309	-0,003	0,009	0,123	FALSE
-0,103	0,312	-0,003	0,010	0,120	FALSE
0,202	0,296	0,008	0,011	0,337	FALSE
-0,028	0,309	-0,001	0,007	0,052	FALSE
0,036	0,327	0,001	0,011	0,031	FALSE
0,050	0,312	0,002	0,013	0,055	FALSE
0,055	0,301	0,001	0,006	0,037	FALSE
-0,174	0,298	-0,005	0,009	0,266	FALSE
0,019	0,314	0,001	0,006	0,036	FALSE
-0,053	0,314	-0,002	0,011	0,065	FALSE
0,032	0,318	0,001	0,013	0,031	FALSE
-0,138	0,302	-0,005	0,011	0,163	FALSE
-0,183	0,308	-0,006	0,011	0,244	FALSE
0,026	0,310	0,001	0,011	0,023	FALSE

-0,106	0,304	-0,004	0,012	0,138	FALSE
0,002	0,308	0,001	0,011	0,040	FALSE
-0,018	0,306	0,000	0,011	0,007	FALSE
-0,051	0,310	-0,003	0,013	0,071	FALSE
-0,027	0,298	-0,002	0,011	0,061	FALSE
-0,062	0,323	-0,002	0,008	0,070	FALSE
0,093	0,324	0,003	0,008	0,142	FALSE
-0,025	0,313	0,000	0,007	0,019	FALSE
0,009	0,304	0,000	0,006	0,008	FALSE
0,024	0,307	0,000	0,008	0,001	FALSE
-0,109	0,291	-0,004	0,012	0,146	FALSE
0,114	0,288	0,004	0,011	0,163	FALSE
0,211	0,299	0,009	0,013	0,305	FALSE
-0,058	0,308	-0,003	0,013	0,104	FALSE
-0,074	0,308	-0,001	0,008	0,062	FALSE
0,015	0,319	0,000	0,009	0,004	FALSE
-0,030	0,309	-0,001	0,012	0,026	FALSE
-0,037	0,308	-0,001	0,008	0,037	FALSE
-0,051	0,323	-0,001	0,008	0,038	FALSE
-0,045	0,316	-0,002	0,012	0,057	FALSE
0,018	0,295	0,001	0,012	0,018	FALSE
-0,094	0,293	-0,005	0,012	0,149	FALSE
0,035	0,321	0,001	0,007	0,060	FALSE
0,012	0,307	0,000	0,008	0,002	FALSE
0,000	0,310	0,000	0,008	0,010	FALSE
-0,064	0,332	-0,001	0,008	0,070	FALSE
0,005	0,300	0,000	0,011	0,006	FALSE
-0,012	0,314	-0,001	0,012	0,030	FALSE
0,015	0,305	0,001	0,011	0,035	FALSE
0,018	0,301	0,001	0,011	0,027	FALSE
0,009	0,305	0,000	0,006	0,011	FALSE
0,012	0,303	0,001	0,012	0,014	FALSE
-0,053	0,296	-0,001	0,008	0,061	FALSE
-0,085	0,301	-0,002	0,008	0,072	FALSE
-0,098	0,296	-0,003	0,010	0,131	FALSE
0,014	0,305	0,001	0,009	0,037	FALSE
-0,028	0,298	0,000	0,009	0,006	FALSE
-0,113	0,291	-0,002	0,008	0,119	FALSE
0,048	0,297	0,002	0,009	0,074	FALSE
0,045	0,301	0,002	0,010	0,061	FALSE
-0,063	0,317	-0,002	0,011	0,080	FALSE
0,038	0,307	0,001	0,006	0,028	FALSE
-0,052	0,320	-0,002	0,010	0,075	FALSE
0,034	0,315	0,001	0,007	0,048	FALSE
0,042	0,317	0,001	0,007	0,053	FALSE
0,039	0,301	0,003	0,012	0,095	FALSE
0,044	0,297	0,003	0,012	0,092	FALSE
-0,187	0,293	-0,005	0,008	0,247	FALSE
-0,145	0,325	-0,005	0,011	0,192	FALSE
0,171	0,306	0,004	0,007	0,205	FALSE
0,077	0,313	0,002	0,009	0,085	FALSE
0,015	0,325	0,001	0,013	0,014	FALSE
-0,004	0,303	0,000	0,012	0,008	FALSE

0,003	0,296	0,000	0,008	0,016	FALSE
0,131	0,292	0,003	0,007	0,182	FALSE
0,110	0,303	0,004	0,012	0,148	FALSE
-0,138	0,317	-0,005	0,011	0,208	FALSE
0,021	0,321	0,001	0,009	0,035	FALSE
0,154	0,298	0,004	0,008	0,202	FALSE
0,156	0,294	0,004	0,008	0,212	FALSE
-0,002	0,313	0,000	0,009	0,013	FALSE
0,053	0,295	0,002	0,011	0,054	FALSE
0,019	0,306	0,001	0,007	0,028	FALSE
0,008	0,305	0,000	0,006	0,001	FALSE
0,038	0,305	0,001	0,007	0,042	FALSE
-0,119	0,299	-0,003	0,009	0,148	FALSE
0,090	0,305	0,003	0,008	0,148	FALSE
0,089	0,293	0,002	0,007	0,119	FALSE
0,069	0,305	0,002	0,010	0,062	FALSE
0,150	0,319	0,004	0,010	0,186	FALSE
-0,066	0,298	-0,001	0,007	0,078	FALSE
0,050	0,299	0,001	0,007	0,082	FALSE
0,027	0,308	0,000	0,008	0,017	FALSE
0,047	0,312	0,001	0,007	0,065	FALSE
-0,095	0,304	-0,002	0,006	0,115	FALSE
-0,076	0,314	-0,002	0,006	0,091	FALSE
0,027	0,310	0,001	0,009	0,027	FALSE
0,054	0,317	0,002	0,009	0,078	FALSE
-0,104	0,296	-0,002	0,006	0,132	FALSE
0,056	0,309	0,001	0,007	0,041	FALSE
-0,129	0,308	-0,005	0,011	0,182	FALSE
0,107	0,304	0,004	0,012	0,139	FALSE
-0,066	0,304	-0,001	0,006	0,074	FALSE
0,054	0,314	0,002	0,010	0,093	FALSE
0,069	0,299	0,002	0,007	0,119	FALSE
-0,038	0,313	-0,001	0,011	0,049	FALSE
-0,002	0,302	-0,001	0,012	0,023	FALSE
0,076	0,304	0,002	0,010	0,086	FALSE
-0,039	0,312	-0,001	0,013	0,027	FALSE
0,022	0,305	0,001	0,009	0,028	FALSE
0,089	0,301	0,001	0,006	0,070	FALSE
-0,129	0,308	-0,005	0,013	0,149	FALSE
-0,125	0,295	-0,006	0,012	0,186	FALSE
-0,001	0,311	0,000	0,007	0,009	FALSE
-0,130	0,316	-0,004	0,009	0,196	FALSE
-0,056	0,303	-0,001	0,008	0,032	FALSE
-0,048	0,305	-0,001	0,008	0,026	FALSE
-0,132	0,300	-0,004	0,010	0,166	FALSE
0,085	0,296	0,002	0,009	0,107	FALSE
0,048	0,309	0,002	0,012	0,069	FALSE
-0,059	0,308	-0,001	0,007	0,046	FALSE
-0,009	0,301	0,001	0,009	0,045	FALSE
0,145	0,304	0,003	0,006	0,175	FALSE
-0,088	0,315	-0,002	0,006	0,099	FALSE
0,089	0,303	0,003	0,010	0,101	FALSE
0,081	0,299	0,004	0,010	0,140	FALSE

-0,025	0,296	-0,001	0,013	0,017	FALSE
0,049	0,310	0,002	0,010	0,092	FALSE
-0,050	0,308	-0,002	0,009	0,058	FALSE
0,094	0,311	0,002	0,010	0,090	FALSE
-0,072	0,305	-0,002	0,010	0,094	FALSE
-0,025	0,303	-0,001	0,013	0,035	FALSE
0,066	0,320	0,001	0,008	0,069	FALSE
-0,068	0,300	-0,001	0,007	0,064	FALSE
-0,029	0,312	0,000	0,011	0,013	FALSE
-0,131	0,305	-0,004	0,010	0,181	FALSE
0,037	0,307	0,001	0,013	0,042	FALSE
0,057	0,315	0,001	0,007	0,063	FALSE
0,011	0,309	0,000	0,007	0,014	FALSE
-0,254	0,298	-0,007	0,009	0,383	FALSE
0,004	0,308	0,000	0,007	0,001	FALSE
-0,133	0,297	-0,006	0,013	0,193	FALSE
-0,148	0,304	-0,006	0,012	0,203	FALSE
-0,232	0,286	-0,007	0,009	0,347	FALSE
-0,229	0,306	-0,007	0,009	0,336	FALSE
-0,008	0,307	0,000	0,012	0,000	FALSE
-0,009	0,299	0,000	0,011	0,011	FALSE
-0,042	0,325	-0,001	0,007	0,043	FALSE
0,021	0,311	0,000	0,011	0,006	FALSE
0,077	0,293	0,004	0,012	0,128	FALSE
0,072	0,312	0,001	0,007	0,073	FALSE
0,047	0,310	0,002	0,013	0,049	FALSE
0,076	0,312	0,002	0,006	0,091	FALSE
-0,019	0,303	0,000	0,013	0,002	FALSE
0,062	0,299	0,002	0,011	0,059	FALSE
-0,030	0,295	0,000	0,012	0,012	FALSE
0,024	0,294	0,002	0,012	0,054	FALSE
-0,174	0,297	-0,004	0,008	0,234	FALSE
0,037	0,306	0,002	0,010	0,065	FALSE
0,109	0,303	0,003	0,009	0,116	FALSE
-0,090	0,306	-0,003	0,012	0,099	FALSE
-0,132	0,293	-0,005	0,012	0,159	FALSE
0,006	0,313	0,000	0,013	0,005	FALSE
0,095	0,307	0,003	0,008	0,120	FALSE
-0,009	0,308	-0,001	0,009	0,029	FALSE
0,064	0,310	0,001	0,007	0,065	FALSE
-0,042	0,299	0,000	0,006	0,019	FALSE
-0,006	0,304	0,000	0,008	0,014	FALSE
0,001	0,309	0,000	0,012	0,010	FALSE
-0,018	0,317	-0,001	0,013	0,018	FALSE
0,078	0,301	0,001	0,006	0,080	FALSE
0,101	0,309	0,004	0,012	0,120	FALSE
0,054	0,296	0,002	0,011	0,054	FALSE
-0,040	0,296	-0,002	0,012	0,049	FALSE
-0,030	0,324	-0,002	0,013	0,052	FALSE
0,019	0,312	0,001	0,013	0,027	FALSE
-0,052	0,302	-0,002	0,010	0,076	FALSE
-0,094	0,310	-0,003	0,009	0,140	FALSE
-0,063	0,311	-0,002	0,009	0,099	FALSE

-0,079	0,300	-0,003	0,012	0,103	FALSE
0,044	0,305	0,002	0,012	0,047	FALSE
0,043	0,305	0,002	0,013	0,071	FALSE
-0,087	0,307	-0,004	0,012	0,118	FALSE
0,027	0,315	0,001	0,013	0,015	FALSE
0,045	0,312	0,002	0,009	0,065	FALSE
0,052	0,303	0,001	0,008	0,057	FALSE
-0,057	0,302	-0,002	0,011	0,065	FALSE
-0,011	0,311	0,000	0,007	0,022	FALSE
-0,023	0,302	0,000	0,008	0,019	FALSE
0,078	0,296	0,002	0,008	0,101	FALSE
-0,061	0,307	-0,002	0,009	0,095	FALSE
0,071	0,311	0,004	0,013	0,107	FALSE
0,034	0,312	0,001	0,007	0,051	FALSE
-0,004	0,303	0,000	0,011	0,013	FALSE
0,018	0,307	0,001	0,012	0,039	FALSE
0,075	0,301	0,003	0,011	0,088	FALSE
-0,087	0,322	-0,003	0,010	0,113	FALSE
0,055	0,303	0,001	0,008	0,056	FALSE
0,007	0,314	0,001	0,013	0,040	FALSE
0,032	0,322	0,001	0,009	0,033	FALSE
0,036	0,311	0,001	0,010	0,045	FALSE
0,072	0,291	0,003	0,009	0,128	FALSE
-0,062	0,312	-0,002	0,012	0,062	FALSE
-0,070	0,322	-0,002	0,009	0,065	FALSE
-0,019	0,310	-0,001	0,010	0,054	FALSE
0,067	0,297	0,002	0,012	0,059	FALSE
-0,059	0,298	-0,001	0,011	0,045	FALSE
0,082	0,305	0,002	0,008	0,096	FALSE
-0,049	0,310	-0,001	0,010	0,028	FALSE
-0,084	0,299	-0,002	0,011	0,080	FALSE
0,049	0,297	0,001	0,012	0,023	FALSE
-0,085	0,302	-0,003	0,011	0,086	FALSE
-0,052	0,305	-0,001	0,011	0,043	FALSE
0,053	0,304	0,003	0,013	0,079	FALSE
-0,013	0,305	0,000	0,007	0,000	FALSE
0,025	0,318	0,001	0,011	0,046	FALSE
-0,058	0,293	-0,001	0,007	0,053	FALSE
-0,085	0,309	-0,002	0,010	0,090	FALSE
-0,066	0,301	-0,002	0,010	0,067	FALSE
0,013	0,310	0,000	0,011	0,004	FALSE
-0,075	0,304	-0,002	0,011	0,076	FALSE
-0,102	0,301	-0,004	0,012	0,138	FALSE
0,041	0,303	0,001	0,007	0,042	FALSE
0,002	0,295	0,000	0,008	0,009	FALSE
-0,085	0,295	-0,002	0,010	0,070	FALSE
0,047	0,303	0,001	0,007	0,064	FALSE
0,055	0,312	0,001	0,007	0,059	FALSE
-0,060	0,296	-0,001	0,010	0,046	FALSE
0,018	0,315	0,000	0,010	0,008	FALSE
-0,050	0,303	-0,001	0,011	0,036	FALSE
-0,056	0,308	-0,001	0,011	0,035	FALSE
-0,049	0,298	-0,001	0,011	0,038	FALSE

-0,055	0,296	-0,002	0,011	0,061	FALSE
-0,164	0,312	-0,004	0,007	0,209	FALSE
-0,036	0,301	-0,002	0,009	0,070	FALSE
-0,059	0,306	-0,001	0,008	0,060	FALSE
0,055	0,316	0,002	0,012	0,065	FALSE
-0,005	0,311	-0,001	0,012	0,017	FALSE
-0,015	0,313	-0,001	0,013	0,026	FALSE
-0,125	0,293	-0,004	0,011	0,158	FALSE
-0,083	0,308	-0,002	0,011	0,084	FALSE
-0,084	0,294	-0,002	0,010	0,086	FALSE
-0,129	0,299	-0,004	0,012	0,147	FALSE
0,062	0,316	0,002	0,010	0,062	FALSE
0,177	0,306	0,005	0,009	0,227	FALSE
-0,011	0,304	0,000	0,010	0,011	FALSE
0,006	0,301	0,000	0,009	0,014	FALSE
-0,069	0,289	-0,002	0,009	0,091	FALSE
0,026	0,317	0,001	0,009	0,034	FALSE
-0,006	0,297	0,000	0,013	0,002	FALSE
-0,028	0,314	-0,001	0,008	0,041	FALSE
0,084	0,307	0,002	0,007	0,110	FALSE
0,081	0,301	0,002	0,007	0,092	FALSE
-0,107	0,296	-0,003	0,010	0,104	FALSE
0,070	0,303	0,003	0,008	0,126	FALSE
0,088	0,315	0,003	0,012	0,090	FALSE
0,147	0,306	0,004	0,008	0,214	FALSE
0,091	0,315	0,002	0,009	0,111	FALSE
0,106	0,309	0,003	0,007	0,136	FALSE
-0,112	0,313	-0,003	0,010	0,134	FALSE
0,097	0,307	0,003	0,011	0,111	FALSE
0,033	0,306	0,001	0,006	0,050	FALSE
-0,067	0,306	-0,001	0,007	0,068	FALSE
-0,016	0,305	-0,001	0,013	0,025	FALSE
-0,072	0,309	-0,001	0,008	0,064	FALSE
-0,077	0,311	-0,002	0,008	0,094	FALSE
0,070	0,306	0,001	0,009	0,051	FALSE
0,158	0,302	0,006	0,012	0,211	FALSE
-0,017	0,299	0,000	0,007	0,016	FALSE
0,080	0,301	0,002	0,007	0,081	FALSE
-0,096	0,304	-0,003	0,008	0,150	FALSE
-0,016	0,314	0,000	0,013	0,002	FALSE
-0,053	0,315	-0,002	0,013	0,056	FALSE
-0,033	0,298	-0,001	0,010	0,035	FALSE
-0,058	0,312	-0,002	0,009	0,069	FALSE
0,003	0,318	0,001	0,013	0,029	FALSE
0,019	0,309	0,002	0,013	0,047	FALSE
-0,052	0,321	-0,001	0,012	0,044	FALSE
-0,010	0,323	0,000	0,012	0,007	FALSE
0,004	0,308	0,000	0,011	0,006	FALSE
-0,015	0,305	0,000	0,009	0,013	FALSE
-0,007	0,296	0,000	0,008	0,013	FALSE
-0,052	0,323	-0,001	0,008	0,054	FALSE
-0,007	0,322	0,000	0,011	0,013	FALSE
-0,045	0,302	-0,001	0,007	0,045	FALSE

-0,028	0,310	-0,001	0,007	0,048	FALSE
-0,086	0,292	-0,003	0,011	0,089	FALSE
-0,056	0,301	-0,003	0,010	0,119	FALSE
0,026	0,299	0,001	0,011	0,024	FALSE
-0,111	0,303	-0,004	0,010	0,158	FALSE
-0,117	0,312	-0,004	0,010	0,161	FALSE
0,068	0,294	0,002	0,009	0,080	FALSE
-0,130	0,315	-0,005	0,010	0,194	FALSE
0,095	0,309	0,003	0,009	0,121	FALSE
0,010	0,303	0,000	0,009	0,018	FALSE
-0,108	0,300	-0,004	0,009	0,183	FALSE
0,022	0,312	0,000	0,011	0,013	FALSE
0,043	0,312	0,001	0,009	0,044	FALSE
-0,026	0,297	-0,001	0,012	0,043	FALSE
-0,068	0,333	-0,002	0,012	0,074	FALSE
-0,026	0,299	0,000	0,006	0,025	FALSE
0,129	0,301	0,005	0,009	0,205	FALSE
-0,057	0,307	0,000	0,007	0,018	FALSE
0,105	0,303	0,005	0,012	0,185	FALSE
0,164	0,300	0,004	0,008	0,246	FALSE
0,036	0,297	0,001	0,012	0,043	FALSE
-0,058	0,311	-0,001	0,008	0,047	FALSE
-0,121	0,293	-0,004	0,010	0,177	FALSE
0,055	0,305	0,001	0,007	0,075	FALSE
-0,151	0,312	-0,003	0,008	0,166	FALSE
0,027	0,311	0,001	0,012	0,028	FALSE
0,142	0,316	0,003	0,008	0,156	FALSE
-0,093	0,313	-0,002	0,009	0,098	FALSE
-0,097	0,307	-0,003	0,009	0,113	FALSE
0,077	0,307	0,003	0,013	0,078	FALSE
0,042	0,302	0,002	0,009	0,091	FALSE
0,180	0,308	0,008	0,012	0,282	FALSE
0,067	0,303	0,002	0,012	0,059	FALSE
0,132	0,314	0,004	0,013	0,135	FALSE
0,050	0,310	0,001	0,011	0,035	FALSE
0,053	0,314	0,001	0,006	0,078	FALSE
-0,020	0,307	0,000	0,009	0,019	FALSE
0,008	0,323	0,000	0,008	0,005	FALSE
0,088	0,303	0,002	0,006	0,102	FALSE
-0,018	0,306	-0,001	0,012	0,037	FALSE
0,021	0,308	0,001	0,011	0,020	FALSE
-0,003	0,321	-0,001	0,012	0,019	FALSE
0,008	0,302	0,000	0,012	0,003	FALSE
-0,097	0,306	-0,002	0,009	0,101	FALSE
0,118	0,303	0,003	0,007	0,159	FALSE
-0,162	0,316	-0,005	0,009	0,252	FALSE
0,061	0,295	0,002	0,012	0,071	FALSE
0,113	0,299	0,002	0,007	0,145	FALSE
-0,097	0,312	-0,004	0,012	0,146	FALSE
-0,054	0,306	-0,002	0,010	0,070	FALSE
-0,007	0,321	0,000	0,006	0,009	FALSE
0,140	0,314	0,005	0,013	0,147	FALSE
0,060	0,308	0,001	0,006	0,048	FALSE

0,084	0,323	0,002	0,007	0,107	FALSE
0,114	0,312	0,003	0,007	0,162	FALSE
-0,090	0,306	-0,004	0,012	0,127	FALSE
-0,112	0,326	-0,005	0,013	0,153	FALSE
-0,028	0,309	-0,001	0,010	0,033	FALSE
0,100	0,291	0,003	0,008	0,175	FALSE
-0,039	0,288	-0,002	0,012	0,058	FALSE
-0,070	0,308	-0,002	0,010	0,090	FALSE
-0,011	0,306	-0,001	0,012	0,015	FALSE
0,103	0,299	0,003	0,006	0,194	FALSE
-0,038	0,310	-0,001	0,013	0,037	FALSE
0,033	0,304	0,001	0,009	0,037	FALSE
-0,062	0,303	-0,002	0,010	0,066	FALSE
-0,077	0,303	-0,003	0,010	0,105	FALSE
0,049	0,303	0,001	0,011	0,048	FALSE
0,057	0,308	0,001	0,008	0,029	FALSE
-0,094	0,299	-0,005	0,011	0,177	FALSE
0,045	0,299	0,002	0,009	0,079	FALSE
0,012	0,297	0,000	0,009	0,015	FALSE
-0,075	0,304	-0,003	0,010	0,103	FALSE
0,083	0,293	0,002	0,010	0,074	FALSE
-0,070	0,314	-0,003	0,011	0,108	FALSE
0,129	0,297	0,006	0,012	0,192	FALSE
-0,076	0,301	-0,004	0,012	0,147	FALSE
-0,135	0,299	-0,004	0,008	0,214	FALSE
-0,101	0,310	-0,002	0,007	0,131	FALSE
0,177	0,296	0,004	0,006	0,311	FALSE
0,003	0,327	0,000	0,009	0,002	FALSE
0,028	0,297	0,002	0,012	0,077	FALSE
-0,082	0,299	-0,002	0,012	0,075	FALSE
-0,218	0,283	-0,009	0,011	0,360	FALSE
-0,012	0,325	0,000	0,014	0,003	FALSE
0,028	0,293	0,001	0,012	0,040	FALSE
-0,119	0,312	-0,003	0,008	0,126	FALSE
-0,105	0,303	-0,003	0,007	0,153	FALSE
-0,004	0,309	0,001	0,012	0,034	FALSE
-0,029	0,311	-0,002	0,012	0,052	FALSE
0,017	0,312	0,001	0,010	0,022	FALSE
-0,020	0,323	-0,001	0,012	0,041	FALSE
-0,012	0,312	-0,001	0,008	0,023	FALSE
0,109	0,302	0,004	0,013	0,125	FALSE
-0,036	0,316	-0,002	0,011	0,064	FALSE
0,060	0,305	0,003	0,008	0,121	FALSE
-0,089	0,289	-0,002	0,006	0,108	FALSE
-0,166	0,318	-0,006	0,011	0,226	FALSE
-0,079	0,300	-0,003	0,012	0,099	FALSE
-0,118	0,306	-0,004	0,008	0,176	FALSE
0,049	0,296	0,002	0,008	0,100	FALSE
0,092	0,295	0,004	0,009	0,178	FALSE
0,091	0,292	0,004	0,008	0,175	FALSE
0,029	0,310	0,001	0,012	0,029	FALSE
-0,067	0,307	-0,002	0,010	0,093	FALSE
-0,067	0,302	-0,002	0,010	0,090	FALSE

-0,005	0,303	0,000	0,011	0,005	FALSE
0,079	0,302	0,004	0,012	0,117	FALSE
0,044	0,301	0,001	0,009	0,053	FALSE
0,091	0,311	0,002	0,008	0,093	FALSE
-0,019	0,314	-0,001	0,008	0,025	FALSE
-0,063	0,300	-0,002	0,007	0,122	FALSE
-0,024	0,312	-0,002	0,012	0,047	FALSE
-0,099	0,315	-0,003	0,009	0,124	FALSE
0,082	0,311	0,003	0,010	0,106	FALSE
-0,106	0,298	-0,003	0,009	0,156	FALSE
0,025	0,317	0,001	0,013	0,022	FALSE
-0,090	0,320	-0,002	0,011	0,081	FALSE
-0,009	0,314	0,000	0,006	0,025	FALSE
0,053	0,288	0,002	0,011	0,064	FALSE
-0,068	0,315	-0,003	0,010	0,091	FALSE
-0,026	0,319	-0,001	0,009	0,047	FALSE
0,082	0,302	0,004	0,012	0,118	FALSE
-0,022	0,319	-0,001	0,009	0,050	FALSE
0,021	0,299	0,000	0,011	0,011	FALSE
-0,049	0,305	-0,001	0,007	0,036	FALSE
0,038	0,312	0,002	0,007	0,081	FALSE
-0,123	0,311	-0,003	0,008	0,167	FALSE
-0,013	0,304	0,000	0,012	0,007	FALSE
-0,048	0,307	-0,001	0,008	0,069	FALSE
-0,134	0,313	-0,004	0,010	0,151	FALSE
-0,018	0,311	-0,001	0,010	0,021	FALSE
0,036	0,314	0,001	0,011	0,047	FALSE
-0,034	0,298	-0,001	0,012	0,046	FALSE
0,024	0,308	0,002	0,009	0,059	FALSE
0,016	0,302	0,000	0,009	0,014	FALSE
-0,045	0,313	-0,001	0,009	0,040	FALSE
0,138	0,296	0,003	0,006	0,223	FALSE
0,019	0,308	0,001	0,009	0,031	FALSE
0,029	0,298	0,001	0,010	0,031	FALSE
-0,091	0,296	-0,004	0,012	0,119	FALSE
0,008	0,309	0,000	0,009	0,004	FALSE
-0,053	0,293	-0,002	0,006	0,094	FALSE
0,034	0,309	0,001	0,009	0,046	FALSE
0,071	0,313	0,003	0,011	0,111	FALSE
-0,104	0,302	-0,004	0,011	0,167	FALSE
-0,004	0,322	-0,001	0,013	0,017	FALSE
0,154	0,301	0,005	0,009	0,244	FALSE
0,107	0,308	0,002	0,007	0,145	FALSE
0,035	0,300	0,002	0,010	0,065	FALSE
0,058	0,302	0,002	0,009	0,077	FALSE
0,029	0,320	0,002	0,012	0,050	FALSE
-0,160	0,296	-0,004	0,008	0,203	FALSE
0,065	0,308	0,003	0,012	0,099	FALSE
0,192	0,310	0,006	0,009	0,293	FALSE
0,047	0,314	0,002	0,009	0,065	FALSE
-0,143	0,300	-0,005	0,011	0,198	FALSE
-0,009	0,309	-0,001	0,013	0,033	FALSE
-0,036	0,315	-0,001	0,009	0,053	FALSE

-0,029	0,302	0,000	0,007	0,023	FALSE
0,025	0,306	0,001	0,007	0,041	FALSE
0,007	0,310	0,000	0,008	0,011	FALSE
0,030	0,314	0,001	0,009	0,047	FALSE
0,096	0,304	0,003	0,009	0,128	FALSE
-0,015	0,298	-0,001	0,008	0,024	FALSE
0,021	0,312	0,001	0,008	0,026	FALSE
0,107	0,308	0,002	0,008	0,111	FALSE
0,001	0,316	0,000	0,008	0,014	FALSE
-0,056	0,311	-0,002	0,010	0,090	FALSE
0,042	0,316	0,001	0,008	0,046	FALSE
0,035	0,297	0,001	0,012	0,030	FALSE
-0,042	0,295	-0,001	0,012	0,033	FALSE
-0,050	0,301	-0,002	0,010	0,063	FALSE
-0,105	0,302	-0,002	0,008	0,124	FALSE
0,079	0,295	0,004	0,010	0,156	FALSE
0,062	0,305	0,001	0,006	0,050	FALSE
0,022	0,303	0,001	0,006	0,037	FALSE
0,024	0,313	0,000	0,006	0,013	FALSE
-0,049	0,311	-0,002	0,011	0,074	FALSE
0,009	0,312	0,000	0,010	0,005	FALSE
0,042	0,308	0,001	0,009	0,058	FALSE
0,103	0,311	0,004	0,011	0,138	FALSE
-0,153	0,307	-0,005	0,009	0,234	FALSE
0,170	0,274	0,005	0,010	0,211	FALSE
-0,119	0,311	-0,006	0,013	0,191	FALSE
0,048	0,311	0,002	0,009	0,066	FALSE
0,030	0,304	0,000	0,007	0,021	FALSE
-0,003	0,317	0,000	0,007	0,014	FALSE
-0,019	0,297	-0,001	0,013	0,038	FALSE
-0,101	0,301	-0,003	0,009	0,153	FALSE
-0,073	0,288	-0,003	0,010	0,115	FALSE
-0,140	0,291	-0,005	0,009	0,243	FALSE
0,037	0,295	0,001	0,011	0,036	FALSE
0,023	0,311	0,001	0,010	0,027	FALSE
-0,053	0,307	-0,001	0,008	0,052	FALSE
-0,063	0,312	-0,003	0,012	0,088	FALSE
-0,040	0,301	-0,001	0,008	0,046	FALSE
-0,131	0,304	-0,002	0,006	0,146	FALSE
0,050	0,324	0,001	0,007	0,079	FALSE
-0,026	0,312	-0,002	0,012	0,063	FALSE
-0,007	0,292	0,000	0,008	0,019	FALSE
0,031	0,314	0,001	0,011	0,030	FALSE
-0,020	0,319	-0,002	0,013	0,045	FALSE
0,009	0,308	0,000	0,012	0,009	FALSE
-0,078	0,312	-0,002	0,009	0,074	FALSE
0,005	0,300	0,000	0,007	0,007	FALSE
0,008	0,308	0,000	0,011	0,015	FALSE
-0,058	0,308	-0,002	0,010	0,091	FALSE
-0,013	0,296	-0,002	0,011	0,058	FALSE
-0,032	0,311	-0,002	0,012	0,074	FALSE
-0,040	0,308	-0,001	0,007	0,064	FALSE
0,171	0,285	0,005	0,007	0,322	FALSE

0,132	0,298	0,004	0,007	0,219	FALSE
-0,037	0,317	-0,002	0,011	0,048	FALSE
0,063	0,300	0,003	0,012	0,097	FALSE
-0,002	0,308	0,000	0,009	0,016	FALSE
-0,026	0,306	0,000	0,010	0,012	FALSE
-0,041	0,316	-0,001	0,011	0,046	FALSE
-0,054	0,313	-0,001	0,007	0,038	FALSE
-0,074	0,303	-0,003	0,009	0,106	FALSE
0,021	0,301	0,000	0,011	0,010	FALSE
0,123	0,303	0,003	0,007	0,178	FALSE
0,044	0,314	0,001	0,013	0,016	FALSE
0,104	0,306	0,003	0,008	0,135	FALSE
-0,153	0,309	-0,006	0,011	0,224	FALSE
-0,069	0,313	-0,001	0,007	0,058	FALSE
0,040	0,295	0,002	0,011	0,078	FALSE
0,047	0,303	0,002	0,009	0,068	FALSE
0,010	0,316	0,001	0,007	0,030	FALSE
0,055	0,306	0,002	0,010	0,057	FALSE
0,080	0,314	0,003	0,011	0,094	FALSE
0,063	0,318	0,001	0,008	0,065	FALSE
0,073	0,308	0,003	0,013	0,083	FALSE
-0,049	0,318	-0,001	0,008	0,059	FALSE
0,032	0,305	0,002	0,011	0,050	FALSE
0,066	0,303	0,004	0,012	0,117	FALSE
0,001	0,317	0,000	0,012	0,002	FALSE
-0,036	0,293	-0,001	0,006	0,080	FALSE
-0,013	0,318	0,000	0,007	0,005	FALSE
0,029	0,289	0,001	0,007	0,031	FALSE
0,061	0,296	0,002	0,008	0,091	FALSE
-0,044	0,290	0,000	0,010	0,017	FALSE
0,029	0,297	0,000	0,006	0,016	FALSE
-0,042	0,300	0,000	0,008	0,018	FALSE
0,003	0,311	0,000	0,007	0,002	FALSE
-0,087	0,320	-0,004	0,013	0,131	FALSE
0,049	0,313	0,001	0,010	0,032	FALSE
0,037	0,318	0,002	0,010	0,060	FALSE
-0,064	0,311	-0,002	0,008	0,077	FALSE
0,001	0,287	0,000	0,008	0,003	FALSE
0,025	0,292	0,001	0,008	0,045	FALSE
-0,059	0,322	-0,002	0,008	0,080	FALSE
-0,001	0,314	0,000	0,008	0,003	FALSE
0,074	0,307	0,003	0,013	0,087	FALSE
-0,125	0,296	-0,004	0,009	0,186	FALSE
-0,041	0,308	-0,001	0,008	0,059	FALSE
0,017	0,312	0,001	0,008	0,032	FALSE
0,023	0,317	0,001	0,010	0,037	FALSE
-0,057	0,307	-0,002	0,007	0,092	FALSE
-0,146	0,322	-0,003	0,007	0,167	FALSE
-0,041	0,311	-0,002	0,012	0,045	FALSE
-0,021	0,301	-0,001	0,008	0,044	FALSE
0,096	0,314	0,003	0,008	0,137	TRUE
-0,003	0,320	0,000	0,007	0,000	FALSE
-0,043	0,319	-0,001	0,012	0,036	FALSE

0,053	0,312	0,001	0,011	0,034	FALSE
0,046	0,307	0,002	0,011	0,085	FALSE
0,054	0,306	0,001	0,007	0,056	FALSE
0,007	0,311	0,000	0,007	0,000	FALSE
-0,058	0,309	-0,001	0,007	0,072	FALSE
0,082	0,290	0,002	0,009	0,092	FALSE
-0,022	0,313	-0,001	0,011	0,029	FALSE
-0,022	0,304	-0,001	0,010	0,043	FALSE
-0,041	0,311	-0,001	0,008	0,039	FALSE
0,062	0,305	0,002	0,007	0,105	FALSE
0,127	0,317	0,003	0,012	0,110	FALSE
0,092	0,304	0,002	0,008	0,111	FALSE
0,102	0,303	0,005	0,013	0,151	FALSE
-0,136	0,298	-0,005	0,012	0,157	FALSE
0,005	0,309	0,001	0,009	0,050	FALSE
0,063	0,302	0,001	0,010	0,031	FALSE
0,051	0,321	0,002	0,013	0,046	FALSE
-0,187	0,304	-0,007	0,012	0,243	FALSE
0,016	0,301	0,000	0,010	0,001	FALSE
0,032	0,309	0,002	0,012	0,048	FALSE
0,037	0,316	0,001	0,007	0,042	FALSE
-0,069	0,313	-0,002	0,009	0,100	FALSE
-0,065	0,311	-0,002	0,007	0,079	FALSE
-0,055	0,291	-0,001	0,009	0,056	FALSE
0,101	0,308	0,003	0,010	0,127	FALSE
0,102	0,308	0,003	0,013	0,090	FALSE
-0,028	0,317	-0,001	0,012	0,020	FALSE
-0,007	0,325	0,000	0,008	0,001	FALSE
0,004	0,287	0,001	0,010	0,043	FALSE
0,030	0,305	0,001	0,010	0,053	FALSE
-0,001	0,309	0,000	0,007	0,005	FALSE
-0,119	0,311	-0,003	0,007	0,142	FALSE
0,013	0,310	0,000	0,010	0,009	FALSE
0,022	0,306	0,000	0,006	0,011	FALSE
-0,010	0,301	0,000	0,007	0,022	FALSE
0,187	0,289	0,004	0,007	0,268	FALSE
-0,123	0,310	-0,003	0,009	0,134	FALSE
0,005	0,306	0,000	0,007	0,006	FALSE
-0,043	0,313	-0,001	0,009	0,041	FALSE
0,037	0,306	0,000	0,010	0,016	FALSE
0,070	0,319	0,003	0,008	0,116	FALSE
-0,074	0,316	-0,002	0,009	0,098	FALSE
-0,090	0,311	-0,004	0,011	0,142	FALSE
-0,105	0,302	-0,004	0,013	0,113	FALSE
-0,123	0,298	-0,004	0,013	0,140	FALSE
0,082	0,312	0,003	0,011	0,104	FALSE
0,001	0,316	-0,001	0,010	0,019	FALSE
0,086	0,289	0,002	0,006	0,159	FALSE
0,031	0,310	0,001	0,006	0,031	FALSE
0,041	0,306	0,001	0,009	0,029	FALSE
0,073	0,304	0,002	0,007	0,106	FALSE
0,002	0,306	0,000	0,011	0,011	FALSE
-0,073	0,310	-0,001	0,006	0,059	FALSE

0,042	0,319	0,001	0,008	0,050	FALSE
0,052	0,311	0,002	0,008	0,074	FALSE
0,088	0,311	0,002	0,010	0,089	FALSE
-0,098	0,303	-0,003	0,013	0,090	FALSE
-0,079	0,313	-0,003	0,012	0,100	FALSE
-0,081	0,307	-0,002	0,008	0,100	FALSE
-0,032	0,291	-0,001	0,007	0,059	FALSE
0,067	0,309	0,001	0,010	0,042	FALSE
0,059	0,304	0,001	0,007	0,071	FALSE
0,126	0,306	0,006	0,012	0,192	FALSE
0,009	0,307	0,000	0,010	0,008	FALSE
-0,048	0,311	-0,002	0,008	0,076	FALSE
0,020	0,297	0,002	0,010	0,074	FALSE
0,028	0,303	0,001	0,007	0,041	FALSE
0,028	0,308	0,001	0,008	0,039	FALSE
0,151	0,299	0,006	0,010	0,249	FALSE
-0,040	0,309	-0,001	0,007	0,068	FALSE
-0,027	0,313	-0,001	0,007	0,029	FALSE
-0,109	0,296	-0,003	0,008	0,136	FALSE
0,066	0,316	0,002	0,009	0,100	FALSE
-0,005	0,308	0,000	0,012	0,004	FALSE
-0,058	0,304	-0,003	0,012	0,089	FALSE
0,089	0,311	0,003	0,008	0,150	FALSE
0,090	0,313	0,004	0,011	0,161	FALSE
-0,090	0,309	-0,005	0,012	0,159	FALSE
0,072	0,298	0,003	0,011	0,116	FALSE
-0,049	0,302	-0,001	0,009	0,050	FALSE
-0,019	0,313	-0,001	0,010	0,033	FALSE
-0,034	0,313	-0,001	0,007	0,055	FALSE
-0,038	0,313	-0,002	0,008	0,078	FALSE
0,204	0,300	0,004	0,007	0,263	FALSE
-0,071	0,324	-0,003	0,010	0,122	FALSE
-0,080	0,302	-0,004	0,012	0,139	FALSE
0,008	0,300	0,000	0,010	0,015	FALSE
-0,115	0,292	-0,002	0,009	0,093	FALSE
-0,030	0,309	0,000	0,007	0,021	FALSE
0,085	0,299	0,004	0,012	0,126	FALSE
-0,099	0,299	-0,006	0,013	0,180	FALSE
-0,013	0,314	0,000	0,007	0,023	FALSE
-0,036	0,308	-0,002	0,013	0,059	FALSE
-0,080	0,291	-0,005	0,012	0,145	FALSE
0,129	0,311	0,004	0,010	0,181	FALSE
-0,103	0,330	-0,003	0,009	0,137	FALSE
-0,002	0,315	0,000	0,011	0,006	FALSE
0,097	0,307	0,003	0,012	0,106	FALSE
-0,057	0,300	-0,001	0,008	0,058	FALSE
0,054	0,320	0,002	0,013	0,064	FALSE
0,003	0,299	0,000	0,010	0,007	FALSE
-0,001	0,301	0,001	0,012	0,031	FALSE
0,123	0,307	0,004	0,010	0,139	FALSE
0,051	0,301	0,001	0,007	0,067	FALSE
-0,010	0,296	0,000	0,010	0,017	FALSE
-0,022	0,322	0,000	0,007	0,021	FALSE

0,050	0,300	0,001	0,008	0,063	FALSE
0,050	0,293	0,001	0,008	0,070	FALSE
0,176	0,309	0,005	0,008	0,263	FALSE
0,077	0,310	0,003	0,011	0,120	FALSE
-0,086	0,309	-0,002	0,007	0,114	FALSE
-0,045	0,311	-0,001	0,007	0,058	FALSE
-0,068	0,315	-0,003	0,013	0,102	FALSE
-0,091	0,297	-0,004	0,012	0,130	FALSE
0,030	0,311	0,001	0,007	0,027	FALSE
0,051	0,314	0,002	0,012	0,063	FALSE
-0,024	0,300	0,000	0,007	0,020	FALSE
-0,020	0,297	0,000	0,007	0,004	FALSE
0,113	0,302	0,004	0,012	0,147	FALSE
-0,092	0,325	-0,003	0,011	0,093	FALSE
-0,070	0,308	-0,002	0,010	0,059	FALSE
-0,039	0,283	-0,001	0,008	0,051	FALSE
-0,028	0,309	-0,001	0,007	0,053	FALSE
-0,007	0,310	0,000	0,010	0,002	FALSE
-0,055	0,321	-0,001	0,009	0,045	FALSE
0,051	0,308	0,002	0,010	0,059	FALSE
0,054	0,319	0,002	0,011	0,072	FALSE
0,030	0,311	0,001	0,011	0,037	FALSE
0,001	0,316	-0,001	0,011	0,020	FALSE
0,016	0,315	0,001	0,007	0,034	FALSE
0,051	0,307	0,001	0,008	0,037	FALSE
0,026	0,322	0,001	0,008	0,047	FALSE
-0,047	0,304	-0,002	0,012	0,051	FALSE
-0,089	0,305	-0,003	0,009	0,132	FALSE
-0,039	0,318	-0,002	0,013	0,051	FALSE
-0,048	0,312	-0,001	0,007	0,062	FALSE
-0,090	0,315	-0,004	0,013	0,127	FALSE
-0,108	0,309	-0,003	0,009	0,122	FALSE
0,198	0,288	0,006	0,009	0,290	FALSE
0,058	0,292	0,001	0,007	0,063	FALSE
-0,110	0,303	-0,004	0,012	0,148	FALSE
-0,034	0,311	0,000	0,009	0,017	FALSE
-0,006	0,305	0,000	0,007	0,003	FALSE
0,014	0,295	0,000	0,009	0,011	FALSE
-0,057	0,299	-0,002	0,012	0,073	FALSE
0,077	0,300	0,003	0,011	0,093	FALSE
0,012	0,314	0,000	0,013	0,010	FALSE
-0,025	0,307	-0,001	0,013	0,027	FALSE
0,006	0,309	0,000	0,013	0,009	FALSE
0,048	0,300	0,003	0,013	0,077	FALSE
-0,022	0,291	-0,001	0,011	0,029	FALSE
-0,145	0,300	-0,005	0,013	0,160	FALSE
0,010	0,307	0,000	0,010	0,003	FALSE
0,062	0,323	0,003	0,011	0,093	FALSE
0,012	0,309	0,000	0,011	0,001	FALSE
-0,131	0,306	-0,003	0,007	0,173	FALSE
0,000	0,319	0,000	0,009	0,002	FALSE
0,089	0,297	0,003	0,008	0,157	FALSE
0,073	0,303	0,002	0,009	0,093	FALSE

0,075	0,307	0,003	0,013	0,088	FALSE
-0,043	0,310	-0,001	0,009	0,051	FALSE
-0,050	0,306	-0,002	0,012	0,073	FALSE
0,041	0,304	0,001	0,010	0,048	FALSE
0,001	0,306	0,001	0,006	0,035	FALSE
0,011	0,317	0,000	0,007	0,002	FALSE
0,137	0,297	0,005	0,012	0,188	FALSE
0,083	0,307	0,002	0,007	0,089	FALSE
0,169	0,298	0,004	0,008	0,227	FALSE
-0,063	0,301	-0,001	0,008	0,048	FALSE
0,149	0,299	0,004	0,007	0,253	FALSE
0,086	0,295	0,003	0,008	0,136	FALSE
-0,064	0,294	-0,002	0,008	0,074	FALSE
-0,008	0,308	0,000	0,009	0,001	FALSE
-0,025	0,311	0,000	0,013	0,011	FALSE
-0,052	0,304	-0,001	0,010	0,044	FALSE
0,011	0,317	0,000	0,008	0,011	FALSE
-0,018	0,304	-0,001	0,010	0,027	FALSE
0,083	0,307	0,002	0,008	0,103	FALSE
-0,014	0,308	-0,001	0,008	0,028	FALSE
-0,007	0,322	0,000	0,012	0,006	FALSE
0,038	0,307	0,001	0,010	0,022	FALSE
-0,130	0,305	-0,003	0,006	0,163	FALSE
-0,105	0,303	-0,002	0,007	0,121	FALSE
0,113	0,300	0,004	0,012	0,120	FALSE
-0,024	0,307	0,000	0,011	0,004	FALSE
-0,011	0,290	0,000	0,007	0,011	FALSE
-0,165	0,291	-0,007	0,013	0,247	FALSE
0,007	0,293	0,000	0,012	0,005	FALSE
0,053	0,313	0,002	0,012	0,054	FALSE
0,175	0,302	0,006	0,010	0,240	FALSE
-0,009	0,306	0,001	0,010	0,024	FALSE
-0,054	0,308	-0,001	0,008	0,042	FALSE
0,065	0,310	0,002	0,013	0,071	FALSE
-0,023	0,307	0,000	0,012	0,010	FALSE
-0,031	0,316	0,000	0,008	0,006	FALSE
-0,022	0,319	-0,001	0,010	0,050	FALSE
0,006	0,312	0,000	0,007	0,014	FALSE
0,013	0,321	0,001	0,007	0,034	FALSE
-0,002	0,306	0,000	0,009	0,003	FALSE
-0,061	0,313	-0,002	0,010	0,063	FALSE
-0,143	0,298	-0,006	0,012	0,205	FALSE
0,034	0,321	0,001	0,011	0,017	FALSE
-0,092	0,310	-0,002	0,008	0,088	FALSE
-0,089	0,311	-0,004	0,011	0,125	FALSE
0,048	0,302	0,001	0,009	0,045	FALSE
-0,057	0,308	-0,002	0,012	0,050	FALSE
0,052	0,305	0,002	0,010	0,057	FALSE
-0,083	0,306	-0,002	0,007	0,099	FALSE
-0,070	0,317	-0,002	0,007	0,096	FALSE
0,021	0,317	0,002	0,011	0,054	FALSE
-0,047	0,316	-0,002	0,013	0,062	FALSE
0,024	0,305	0,001	0,009	0,023	FALSE

-0,030	0,281	-0,001	0,007	0,055	FALSE
0,009	0,312	0,000	0,009	0,012	FALSE
0,032	0,310	0,001	0,010	0,029	FALSE
0,128	0,299	0,004	0,008	0,184	FALSE
-0,069	0,315	-0,002	0,007	0,087	FALSE
0,038	0,299	0,001	0,008	0,064	FALSE
0,078	0,306	0,003	0,010	0,099	FALSE
0,047	0,294	0,001	0,012	0,033	FALSE
-0,020	0,313	-0,001	0,007	0,032	FALSE
-0,182	0,303	-0,007	0,011	0,262	FALSE
-0,017	0,304	0,000	0,009	0,001	FALSE
0,037	0,312	0,001	0,010	0,027	FALSE
-0,070	0,313	-0,001	0,008	0,068	FALSE
-0,075	0,297	-0,001	0,007	0,074	FALSE
-0,085	0,300	-0,002	0,007	0,090	FALSE
-0,065	0,306	-0,001	0,007	0,066	FALSE
-0,094	0,306	-0,002	0,007	0,094	FALSE
0,004	0,294	0,000	0,010	0,007	FALSE
-0,086	0,307	-0,002	0,007	0,094	FALSE
0,025	0,294	0,000	0,008	0,007	FALSE
0,036	0,303	0,000	0,012	0,013	FALSE
-0,071	0,303	-0,002	0,010	0,088	FALSE
-0,086	0,307	-0,003	0,012	0,099	FALSE
-0,099	0,315	-0,003	0,013	0,104	FALSE
0,020	0,311	0,001	0,010	0,020	FALSE
0,089	0,296	0,002	0,007	0,138	FALSE
0,062	0,313	0,001	0,007	0,053	FALSE
-0,077	0,308	-0,002	0,010	0,070	FALSE
0,000	0,309	-0,001	0,013	0,034	FALSE
-0,055	0,305	-0,001	0,010	0,056	FALSE
0,030	0,314	0,001	0,013	0,029	FALSE
0,098	0,302	0,002	0,006	0,109	FALSE
0,038	0,310	0,001	0,007	0,030	FALSE
-0,047	0,304	-0,002	0,008	0,086	FALSE
-0,024	0,315	-0,001	0,006	0,038	FALSE
0,033	0,300	0,000	0,013	0,008	FALSE
0,021	0,322	0,001	0,010	0,025	FALSE
0,041	0,304	0,002	0,009	0,076	FALSE
-0,050	0,308	-0,002	0,011	0,051	FALSE
0,102	0,312	0,002	0,008	0,084	FALSE
-0,012	0,293	-0,001	0,011	0,047	FALSE
0,144	0,314	0,006	0,013	0,181	FALSE
0,001	0,299	0,000	0,007	0,012	FALSE
0,006	0,318	0,000	0,007	0,024	FALSE
-0,093	0,315	-0,004	0,011	0,138	FALSE
-0,010	0,307	0,000	0,009	0,006	FALSE
0,042	0,301	0,001	0,012	0,043	FALSE
0,033	0,300	0,000	0,007	0,006	FALSE
0,043	0,303	0,001	0,007	0,028	FALSE
0,012	0,315	0,000	0,007	0,021	FALSE
-0,015	0,317	0,000	0,010	0,009	FALSE
-0,107	0,326	-0,004	0,012	0,135	FALSE
-0,095	0,319	-0,003	0,008	0,124	FALSE

-0,004	0,299	0,000	0,012	0,008	FALSE
0,072	0,315	0,002	0,013	0,050	FALSE
0,130	0,292	0,003	0,007	0,182	FALSE
-0,001	0,306	0,000	0,007	0,022	FALSE
0,007	0,327	0,000	0,010	0,005	FALSE
-0,047	0,289	-0,002	0,011	0,069	FALSE
-0,014	0,296	-0,001	0,013	0,018	FALSE
-0,095	0,310	-0,003	0,012	0,105	FALSE
0,167	0,302	0,007	0,012	0,251	FALSE
-0,029	0,329	-0,001	0,008	0,036	FALSE
0,056	0,301	0,003	0,012	0,095	FALSE
-0,136	0,302	-0,004	0,009	0,187	FALSE
-0,061	0,309	-0,002	0,009	0,073	FALSE
-0,118	0,302	-0,005	0,011	0,191	FALSE
0,101	0,310	0,004	0,012	0,122	FALSE
-0,175	0,306	-0,006	0,011	0,248	FALSE
-0,165	0,295	-0,005	0,010	0,228	FALSE
-0,058	0,309	-0,002	0,007	0,085	FALSE
-0,125	0,310	-0,003	0,008	0,168	FALSE
-0,020	0,299	-0,001	0,010	0,019	FALSE
0,060	0,310	0,003	0,012	0,091	FALSE
0,205	0,301	0,006	0,008	0,299	FALSE
0,022	0,303	0,000	0,012	0,015	FALSE
0,000	0,298	0,000	0,008	0,016	FALSE
0,009	0,322	0,000	0,008	0,010	FALSE
-0,014	0,310	0,000	0,009	0,014	FALSE
0,032	0,302	0,000	0,008	0,001	FALSE
-0,042	0,311	-0,001	0,012	0,039	FALSE
-0,073	0,312	-0,002	0,008	0,101	FALSE
-0,018	0,319	0,000	0,007	0,007	FALSE
0,014	0,313	0,000	0,010	0,006	FALSE
-0,138	0,304	-0,005	0,009	0,242	FALSE
-0,024	0,308	0,000	0,007	0,002	FALSE
-0,128	0,284	-0,004	0,011	0,167	FALSE
0,005	0,289	0,002	0,012	0,055	FALSE
0,133	0,301	0,006	0,013	0,188	FALSE
0,037	0,313	0,002	0,009	0,079	FALSE
0,039	0,318	0,002	0,012	0,051	FALSE
-0,128	0,303	-0,003	0,007	0,181	FALSE
0,021	0,307	0,001	0,010	0,020	FALSE
-0,012	0,310	-0,001	0,010	0,026	FALSE
0,077	0,306	0,002	0,009	0,084	FALSE
-0,053	0,310	-0,001	0,008	0,055	FALSE
0,113	0,308	0,003	0,008	0,159	FALSE
-0,166	0,304	-0,005	0,009	0,223	FALSE
-0,156	0,309	-0,004	0,009	0,192	FALSE
0,047	0,307	0,003	0,010	0,098	FALSE
-0,047	0,298	-0,002	0,008	0,093	FALSE
0,120	0,300	0,003	0,009	0,137	FALSE
0,007	0,319	0,000	0,006	0,017	FALSE
0,002	0,298	0,000	0,007	0,011	FALSE
-0,109	0,305	-0,003	0,008	0,144	FALSE
0,051	0,301	0,003	0,012	0,077	FALSE

0,071	0,306	0,002	0,006	0,094	FALSE
-0,091	0,303	-0,004	0,012	0,121	FALSE
0,059	0,310	0,002	0,011	0,055	FALSE
0,064	0,306	0,002	0,008	0,078	FALSE
0,021	0,317	0,000	0,012	0,004	FALSE
0,074	0,309	0,002	0,007	0,115	FALSE
-0,006	0,298	-0,001	0,012	0,021	FALSE
-0,030	0,313	-0,001	0,010	0,021	FALSE
0,008	0,317	0,000	0,008	0,010	FALSE
-0,069	0,309	-0,002	0,007	0,099	FALSE
-0,067	0,309	-0,003	0,010	0,109	FALSE
0,035	0,321	0,001	0,012	0,024	FALSE
0,056	0,326	0,002	0,012	0,051	FALSE
-0,036	0,319	-0,001	0,011	0,039	FALSE
0,024	0,322	0,001	0,012	0,017	FALSE
-0,141	0,308	-0,003	0,007	0,190	FALSE
-0,078	0,320	-0,002	0,011	0,089	FALSE
0,060	0,318	0,002	0,011	0,067	FALSE
0,029	0,308	0,000	0,010	0,007	FALSE
0,051	0,316	0,001	0,011	0,045	FALSE
-0,048	0,312	-0,001	0,007	0,034	FALSE
-0,040	0,308	-0,002	0,013	0,058	FALSE
0,034	0,310	0,002	0,013	0,057	FALSE
-0,025	0,310	-0,001	0,011	0,019	FALSE
0,023	0,305	0,001	0,008	0,056	FALSE
0,040	0,314	0,001	0,011	0,042	FALSE
-0,098	0,305	-0,002	0,007	0,100	FALSE
0,035	0,316	0,001	0,011	0,041	FALSE
-0,021	0,301	0,000	0,007	0,015	FALSE
-0,127	0,311	-0,003	0,007	0,141	FALSE
-0,054	0,310	-0,001	0,007	0,077	FALSE
-0,063	0,304	-0,003	0,013	0,082	FALSE
-0,005	0,313	0,000	0,009	0,016	FALSE
-0,048	0,321	-0,002	0,012	0,060	FALSE
-0,041	0,315	-0,001	0,008	0,052	FALSE
0,014	0,319	0,001	0,011	0,033	FALSE
0,171	0,303	0,004	0,007	0,250	FALSE
0,093	0,292	0,004	0,011	0,129	FALSE
-0,032	0,303	0,000	0,007	0,021	FALSE
0,065	0,314	0,003	0,012	0,087	FALSE
0,031	0,304	0,001	0,006	0,033	FALSE
0,034	0,282	0,001	0,006	0,053	FALSE
0,140	0,304	0,004	0,008	0,202	FALSE
-0,142	0,307	-0,005	0,012	0,194	FALSE
0,040	0,317	0,001	0,007	0,035	FALSE
-0,070	0,292	-0,001	0,007	0,076	FALSE
0,065	0,298	0,002	0,007	0,124	FALSE
0,005	0,306	0,000	0,007	0,003	FALSE
-0,113	0,298	-0,002	0,006	0,135	FALSE
0,004	0,301	0,000	0,006	0,002	FALSE
0,070	0,309	0,002	0,007	0,098	FALSE
-0,098	0,297	-0,004	0,012	0,150	FALSE
-0,034	0,311	-0,001	0,008	0,056	FALSE

0,044	0,311	0,002	0,012	0,064	FALSE
0,058	0,301	0,001	0,007	0,036	FALSE
0,004	0,330	-0,001	0,013	0,014	FALSE
-0,029	0,306	-0,002	0,012	0,065	FALSE
-0,053	0,318	-0,003	0,012	0,097	FALSE
0,094	0,304	0,002	0,006	0,146	FALSE
0,127	0,312	0,004	0,009	0,164	FALSE
-0,006	0,312	0,000	0,012	0,007	FALSE
-0,011	0,317	0,000	0,011	0,003	FALSE
-0,015	0,306	0,001	0,012	0,031	FALSE
-0,018	0,311	0,000	0,012	0,012	FALSE
-0,131	0,298	-0,003	0,007	0,174	FALSE
-0,033	0,308	-0,002	0,011	0,081	FALSE
0,226	0,293	0,005	0,008	0,319	FALSE
-0,074	0,323	-0,002	0,008	0,085	FALSE
-0,031	0,314	-0,002	0,013	0,057	FALSE
-0,035	0,305	-0,002	0,012	0,054	FALSE
-0,038	0,313	-0,002	0,012	0,062	FALSE
-0,078	0,312	-0,002	0,009	0,091	FALSE
0,049	0,316	0,002	0,011	0,063	FALSE
-0,147	0,312	-0,006	0,013	0,195	FALSE
-0,139	0,309	-0,005	0,012	0,185	FALSE
0,069	0,307	0,002	0,011	0,088	FALSE
-0,131	0,316	-0,005	0,012	0,163	FALSE
-0,046	0,310	-0,001	0,007	0,042	FALSE
0,125	0,306	0,003	0,007	0,168	FALSE
0,128	0,313	0,005	0,013	0,159	FALSE
0,105	0,303	0,003	0,008	0,119	FALSE
-0,075	0,308	-0,003	0,011	0,116	FALSE
0,133	0,300	0,005	0,010	0,189	FALSE
-0,090	0,293	-0,004	0,011	0,148	FALSE
-0,085	0,304	-0,003	0,010	0,115	FALSE
-0,151	0,288	-0,007	0,011	0,264	FALSE
0,122	0,299	0,005	0,012	0,169	FALSE
-0,047	0,303	-0,002	0,013	0,073	FALSE
0,007	0,293	0,000	0,007	0,015	FALSE
-0,035	0,307	-0,002	0,013	0,046	FALSE
0,016	0,311	0,001	0,013	0,023	FALSE
-0,015	0,295	-0,001	0,012	0,039	FALSE
0,039	0,295	0,002	0,011	0,066	FALSE
-0,067	0,328	-0,002	0,009	0,085	FALSE
-0,047	0,311	-0,002	0,010	0,058	FALSE
-0,036	0,307	-0,002	0,012	0,064	FALSE
-0,047	0,307	-0,001	0,011	0,042	FALSE
0,034	0,313	0,001	0,008	0,063	FALSE
0,124	0,316	0,004	0,010	0,150	FALSE
0,137	0,315	0,004	0,011	0,156	FALSE
0,091	0,313	0,002	0,008	0,105	FALSE
-0,001	0,304	0,000	0,006	0,023	FALSE
-0,085	0,309	-0,002	0,007	0,093	FALSE
-0,038	0,307	-0,001	0,007	0,047	FALSE
0,069	0,310	0,002	0,010	0,098	FALSE
-0,170	0,310	-0,004	0,008	0,228	FALSE

-0,169	0,281	-0,007	0,012	0,282	FALSE
-0,014	0,307	0,000	0,009	0,014	FALSE
0,035	0,318	0,001	0,010	0,044	FALSE
0,008	0,296	0,001	0,007	0,040	FALSE
-0,018	0,310	0,000	0,010	0,018	FALSE
-0,100	0,303	-0,002	0,007	0,117	FALSE
0,137	0,298	0,005	0,011	0,193	FALSE
0,097	0,301	0,004	0,012	0,128	FALSE
0,020	0,308	0,001	0,011	0,024	FALSE
-0,039	0,302	-0,001	0,007	0,054	FALSE
0,071	0,303	0,003	0,010	0,104	FALSE
0,136	0,294	0,005	0,011	0,164	FALSE
0,002	0,309	0,000	0,010	0,010	FALSE
-0,068	0,319	-0,002	0,007	0,088	FALSE
0,015	0,302	0,002	0,011	0,057	FALSE
0,020	0,316	0,001	0,008	0,049	FALSE
0,026	0,325	0,000	0,013	0,008	FALSE
0,058	0,314	0,001	0,007	0,064	FALSE
0,001	0,299	0,000	0,012	0,001	FALSE
0,054	0,301	0,002	0,011	0,083	FALSE
-0,027	0,304	-0,001	0,008	0,036	FALSE
0,013	0,307	0,001	0,009	0,031	FALSE
-0,027	0,302	0,000	0,011	0,011	FALSE
0,024	0,311	0,000	0,006	0,015	FALSE
0,069	0,301	0,003	0,009	0,105	FALSE
-0,001	0,308	0,000	0,007	0,012	FALSE
0,090	0,307	0,003	0,010	0,134	FALSE
-0,044	0,300	-0,002	0,012	0,051	FALSE
-0,026	0,306	-0,001	0,012	0,022	FALSE
0,013	0,310	0,001	0,011	0,026	FALSE
-0,038	0,311	-0,001	0,007	0,070	FALSE
-0,013	0,316	-0,001	0,008	0,033	FALSE
0,126	0,300	0,002	0,007	0,127	FALSE
0,122	0,305	0,003	0,007	0,182	FALSE
-0,060	0,307	-0,003	0,012	0,112	FALSE
0,100	0,303	0,002	0,009	0,084	FALSE
-0,085	0,311	-0,003	0,011	0,101	FALSE
-0,035	0,307	-0,001	0,009	0,028	FALSE
-0,096	0,303	-0,002	0,007	0,112	FALSE
0,076	0,307	0,002	0,009	0,095	FALSE
0,022	0,300	0,000	0,007	0,005	FALSE
0,144	0,307	0,007	0,012	0,225	FALSE
0,167	0,298	0,008	0,012	0,272	FALSE
0,054	0,296	0,002	0,007	0,107	FALSE
0,107	0,289	0,003	0,010	0,103	FALSE
0,062	0,298	0,003	0,012	0,086	FALSE
-0,020	0,302	0,000	0,006	0,000	FALSE
0,153	0,312	0,004	0,009	0,179	FALSE
0,001	0,307	0,000	0,007	0,019	FALSE
0,053	0,296	0,001	0,006	0,049	FALSE
-0,025	0,309	-0,001	0,007	0,030	FALSE
-0,025	0,309	0,000	0,007	0,002	FALSE
-0,122	0,298	-0,006	0,012	0,218	FALSE

-0,026	0,305	-0,002	0,010	0,055	FALSE
-0,001	0,318	0,000	0,010	0,009	FALSE
-0,078	0,320	-0,002	0,012	0,063	FALSE
0,128	0,294	0,003	0,007	0,168	FALSE
-0,091	0,305	-0,002	0,008	0,101	FALSE
0,014	0,313	0,000	0,008	0,004	FALSE
0,009	0,302	0,000	0,008	0,010	FALSE
0,002	0,319	0,000	0,012	0,000	FALSE
0,123	0,301	0,005	0,011	0,169	FALSE
0,023	0,303	0,000	0,007	0,021	FALSE
0,094	0,314	0,002	0,006	0,105	FALSE
0,127	0,308	0,003	0,008	0,164	FALSE
-0,040	0,312	-0,002	0,013	0,056	FALSE
0,018	0,298	0,000	0,006	0,022	FALSE
0,002	0,303	0,000	0,007	0,000	FALSE
0,095	0,317	0,002	0,007	0,090	FALSE
0,118	0,302	0,004	0,013	0,133	FALSE
0,033	0,299	0,000	0,008	0,008	FALSE
-0,029	0,303	-0,001	0,012	0,046	FALSE
0,128	0,298	0,006	0,010	0,229	FALSE
-0,036	0,303	-0,003	0,010	0,102	FALSE
-0,022	0,301	0,000	0,006	0,026	FALSE
-0,005	0,301	0,000	0,010	0,011	FALSE
0,025	0,310	0,001	0,012	0,042	FALSE
-0,054	0,313	-0,002	0,010	0,059	FALSE
0,031	0,318	0,001	0,009	0,031	FALSE
0,016	0,305	0,000	0,011	0,011	FALSE
-0,144	0,304	-0,005	0,013	0,173	FALSE
0,039	0,313	0,001	0,010	0,050	FALSE
0,047	0,312	0,002	0,009	0,062	FALSE
-0,037	0,298	-0,001	0,012	0,024	FALSE
-0,003	0,306	0,000	0,008	0,002	FALSE
0,002	0,306	0,000	0,008	0,010	FALSE
0,049	0,315	0,002	0,011	0,057	FALSE
-0,134	0,317	-0,003	0,008	0,180	FALSE
-0,023	0,295	0,000	0,008	0,017	FALSE
0,055	0,306	0,001	0,007	0,042	FALSE
-0,009	0,309	-0,001	0,012	0,020	FALSE
0,042	0,297	0,000	0,006	0,025	FALSE
-0,105	0,313	-0,002	0,007	0,119	FALSE
-0,073	0,307	-0,001	0,006	0,086	FALSE
0,153	0,294	0,006	0,010	0,258	FALSE
-0,085	0,316	-0,002	0,008	0,094	FALSE
0,094	0,302	0,002	0,008	0,119	FALSE
-0,136	0,311	-0,005	0,009	0,229	FALSE
-0,069	0,323	-0,002	0,009	0,095	FALSE
-0,088	0,301	-0,004	0,012	0,140	FALSE
-0,089	0,303	-0,003	0,009	0,130	FALSE
-0,049	0,309	-0,001	0,007	0,038	FALSE
-0,092	0,300	-0,003	0,009	0,115	FALSE
0,046	0,323	0,001	0,009	0,052	FALSE
0,076	0,309	0,003	0,012	0,096	FALSE
-0,107	0,308	-0,002	0,007	0,116	FALSE

0,065	0,297	0,003	0,013	0,104	FALSE
-0,035	0,314	-0,001	0,008	0,038	FALSE
0,060	0,315	0,002	0,012	0,065	FALSE
-0,065	0,324	-0,003	0,012	0,106	FALSE
0,104	0,313	0,004	0,011	0,146	FALSE
-0,012	0,304	0,000	0,007	0,019	FALSE
0,066	0,295	0,001	0,007	0,040	FALSE
0,049	0,317	0,001	0,008	0,056	FALSE
0,027	0,314	0,001	0,013	0,025	FALSE
0,079	0,312	0,003	0,013	0,088	FALSE
-0,037	0,306	-0,001	0,007	0,043	FALSE
0,067	0,299	0,002	0,007	0,088	FALSE
0,047	0,306	0,002	0,009	0,065	FALSE
0,020	0,316	0,000	0,006	0,022	FALSE
0,010	0,308	0,001	0,009	0,024	FALSE
-0,055	0,304	-0,001	0,007	0,061	FALSE
0,011	0,303	0,000	0,010	0,012	FALSE
-0,003	0,298	0,000	0,012	0,005	FALSE
-0,100	0,305	-0,003	0,013	0,095	FALSE
0,019	0,304	0,001	0,007	0,039	FALSE
0,025	0,308	0,001	0,007	0,047	FALSE
0,064	0,320	0,003	0,011	0,099	FALSE
-0,046	0,308	-0,001	0,007	0,059	FALSE
-0,032	0,314	0,000	0,008	0,022	FALSE
0,020	0,305	0,000	0,013	0,014	FALSE
-0,068	0,300	-0,002	0,012	0,063	FALSE
0,101	0,296	0,003	0,008	0,159	FALSE
0,099	0,313	0,003	0,012	0,108	FALSE
0,027	0,303	0,000	0,009	0,006	FALSE
-0,108	0,319	-0,004	0,011	0,150	FALSE
-0,157	0,297	-0,006	0,010	0,236	FALSE
-0,101	0,309	-0,004	0,010	0,159	FALSE
0,085	0,304	0,004	0,012	0,144	FALSE
0,030	0,302	0,002	0,010	0,068	FALSE
0,069	0,307	0,003	0,012	0,102	FALSE
0,061	0,307	0,003	0,012	0,096	FALSE
0,110	0,297	0,005	0,012	0,178	FALSE
0,115	0,309	0,003	0,007	0,180	FALSE
0,015	0,309	0,000	0,007	0,011	FALSE
0,046	0,302	0,001	0,007	0,059	FALSE
0,116	0,284	0,007	0,012	0,228	FALSE
-0,077	0,302	-0,003	0,011	0,104	FALSE
-0,008	0,304	0,000	0,009	0,009	FALSE
0,032	0,296	0,001	0,010	0,056	FALSE
0,022	0,297	0,000	0,012	0,013	FALSE
0,103	0,319	0,003	0,010	0,103	FALSE
0,079	0,299	0,003	0,011	0,090	FALSE
-0,055	0,316	-0,001	0,008	0,041	FALSE
-0,076	0,299	-0,001	0,008	0,074	FALSE
0,009	0,304	0,000	0,007	0,017	FALSE
0,094	0,299	0,004	0,012	0,116	FALSE
0,081	0,309	0,003	0,010	0,102	FALSE
-0,116	0,315	-0,002	0,007	0,128	FALSE

0,072	0,301	0,002	0,006	0,109	FALSE
0,039	0,309	0,002	0,013	0,058	FALSE
0,013	0,304	0,000	0,007	0,010	FALSE
-0,003	0,296	0,000	0,009	0,009	FALSE
0,092	0,293	0,003	0,008	0,147	FALSE
0,133	0,295	0,003	0,007	0,221	FALSE
0,002	0,309	0,001	0,011	0,020	FALSE
-0,092	0,296	-0,003	0,010	0,123	FALSE
-0,109	0,299	-0,005	0,011	0,183	FALSE
-0,098	0,300	-0,004	0,011	0,137	FALSE
-0,033	0,298	-0,001	0,011	0,038	FALSE
-0,075	0,316	-0,003	0,012	0,093	FALSE
-0,072	0,303	-0,003	0,012	0,112	FALSE
0,116	0,304	0,003	0,008	0,148	FALSE
-0,083	0,314	-0,002	0,008	0,115	FALSE
-0,075	0,303	-0,002	0,007	0,115	FALSE
-0,041	0,318	-0,001	0,009	0,025	FALSE
-0,015	0,286	0,000	0,012	0,009	FALSE
0,025	0,322	0,000	0,006	0,028	FALSE
0,005	0,320	0,000	0,007	0,015	FALSE
-0,153	0,315	-0,003	0,007	0,205	FALSE
0,116	0,292	0,006	0,012	0,195	FALSE
0,062	0,299	0,004	0,013	0,117	FALSE
0,047	0,290	0,003	0,012	0,110	FALSE
0,023	0,307	0,000	0,006	0,026	FALSE
0,086	0,296	0,004	0,010	0,139	FALSE
0,011	0,311	0,000	0,007	0,012	FALSE
0,076	0,304	0,004	0,009	0,158	FALSE
-0,060	0,305	-0,001	0,006	0,091	FALSE
0,137	0,308	0,004	0,009	0,162	FALSE
0,038	0,302	0,002	0,011	0,052	FALSE
-0,127	0,305	-0,006	0,013	0,188	FALSE
0,081	0,314	0,002	0,008	0,098	FALSE
0,054	0,289	0,001	0,006	0,047	FALSE
0,048	0,312	0,001	0,007	0,055	FALSE
-0,084	0,297	-0,002	0,007	0,115	FALSE
0,035	0,319	0,001	0,010	0,028	FALSE
0,039	0,313	0,001	0,009	0,036	FALSE
-0,005	0,293	0,000	0,006	0,021	FALSE
0,060	0,315	0,002	0,013	0,046	FALSE
0,122	0,306	0,005	0,010	0,182	FALSE
-0,036	0,293	-0,001	0,012	0,022	FALSE
-0,066	0,320	-0,002	0,013	0,061	FALSE
-0,010	0,303	-0,001	0,007	0,026	FALSE
0,000	0,309	0,000	0,011	0,002	FALSE
0,072	0,313	0,002	0,010	0,063	FALSE
-0,012	0,299	-0,001	0,012	0,026	FALSE
0,012	0,299	0,001	0,006	0,038	FALSE
0,109	0,316	0,004	0,013	0,121	FALSE
0,194	0,303	0,007	0,011	0,280	FALSE
-0,081	0,309	-0,004	0,013	0,122	FALSE
0,151	0,308	0,006	0,012	0,197	FALSE
0,175	0,295	0,007	0,011	0,263	FALSE

-0,048	0,312	-0,001	0,013	0,037	FALSE
0,093	0,304	0,002	0,007	0,138	FALSE
0,119	0,308	0,005	0,012	0,160	FALSE
-0,071	0,304	-0,002	0,007	0,106	FALSE
-0,008	0,303	0,000	0,008	0,000	FALSE
-0,069	0,313	-0,003	0,012	0,080	FALSE
0,031	0,304	0,001	0,012	0,019	FALSE
-0,009	0,325	0,000	0,008	0,005	FALSE
-0,095	0,299	-0,001	0,006	0,089	FALSE
0,077	0,300	0,002	0,007	0,117	FALSE
0,057	0,307	0,001	0,007	0,072	FALSE
0,000	0,300	0,000	0,010	0,001	FALSE
-0,069	0,299	-0,002	0,010	0,076	FALSE
0,058	0,330	0,001	0,007	0,029	FALSE
-0,065	0,312	-0,001	0,009	0,029	FALSE
-0,053	0,315	-0,003	0,013	0,097	FALSE
-0,039	0,314	-0,001	0,007	0,030	FALSE
0,014	0,302	0,000	0,007	0,002	FALSE
-0,048	0,306	-0,002	0,009	0,091	FALSE
-0,121	0,308	-0,005	0,011	0,184	FALSE
-0,046	0,299	-0,002	0,009	0,069	FALSE
-0,151	0,292	-0,004	0,009	0,204	FALSE
-0,049	0,319	-0,002	0,009	0,062	FALSE
0,023	0,310	0,001	0,013	0,022	FALSE
-0,135	0,303	-0,004	0,008	0,189	FALSE
0,105	0,308	0,003	0,012	0,117	FALSE
-0,105	0,305	-0,002	0,006	0,126	FALSE
0,111	0,305	0,003	0,009	0,154	FALSE
0,025	0,310	0,002	0,011	0,078	FALSE
0,000	0,316	0,000	0,010	0,011	FALSE
-0,041	0,323	-0,001	0,013	0,025	FALSE
-0,027	0,302	-0,001	0,006	0,038	FALSE
-0,070	0,309	-0,003	0,010	0,099	FALSE
-0,004	0,316	0,000	0,008	0,005	FALSE
0,076	0,294	0,002	0,009	0,097	FALSE
-0,043	0,310	-0,001	0,007	0,041	FALSE
-0,074	0,301	-0,003	0,013	0,081	FALSE
0,030	0,313	0,001	0,008	0,025	FALSE
0,024	0,319	0,000	0,009	0,009	FALSE
0,035	0,297	0,001	0,007	0,047	FALSE
0,074	0,303	0,002	0,010	0,079	FALSE
0,029	0,310	0,000	0,008	0,021	FALSE
0,045	0,303	0,001	0,013	0,036	FALSE
-0,103	0,305	-0,002	0,008	0,118	FALSE
-0,085	0,296	-0,003	0,011	0,095	FALSE
-0,031	0,300	-0,001	0,010	0,051	FALSE
0,056	0,309	0,002	0,010	0,070	FALSE
0,071	0,308	0,002	0,007	0,087	FALSE
-0,096	0,315	-0,003	0,013	0,105	FALSE
0,039	0,296	0,001	0,006	0,071	FALSE
0,064	0,305	0,002	0,010	0,092	FALSE
0,039	0,322	0,001	0,013	0,039	FALSE
-0,040	0,308	-0,001	0,008	0,045	FALSE

0,028	0,297	0,001	0,012	0,020	FALSE
0,049	0,318	0,002	0,012	0,069	FALSE
-0,083	0,305	-0,002	0,007	0,095	FALSE
-0,021	0,301	-0,001	0,011	0,022	FALSE
-0,008	0,311	0,001	0,012	0,015	FALSE
0,090	0,302	0,003	0,012	0,084	FALSE
-0,125	0,304	-0,006	0,012	0,203	FALSE
-0,034	0,307	-0,001	0,007	0,072	FALSE
-0,025	0,303	0,000	0,007	0,016	FALSE
-0,062	0,299	-0,003	0,012	0,107	FALSE
-0,110	0,313	-0,003	0,008	0,149	FALSE
0,121	0,308	0,004	0,010	0,141	FALSE
0,001	0,305	0,000	0,009	0,010	FALSE
-0,029	0,307	-0,001	0,009	0,056	FALSE
-0,001	0,309	0,000	0,007	0,015	FALSE
-0,002	0,301	0,000	0,012	0,007	FALSE
0,021	0,302	0,001	0,012	0,022	FALSE
-0,091	0,304	-0,002	0,007	0,126	FALSE
-0,125	0,303	-0,003	0,007	0,178	FALSE
-0,033	0,314	0,000	0,007	0,010	FALSE
0,013	0,298	0,000	0,008	0,004	FALSE
-0,038	0,320	-0,001	0,011	0,041	FALSE
0,064	0,306	0,001	0,008	0,057	FALSE
-0,001	0,307	0,000	0,007	0,003	FALSE
0,035	0,308	0,001	0,013	0,042	FALSE
-0,046	0,313	-0,002	0,010	0,056	FALSE
0,020	0,308	0,001	0,009	0,019	FALSE
0,034	0,307	0,001	0,009	0,040	FALSE
-0,146	0,314	-0,006	0,012	0,197	FALSE
0,002	0,307	-0,001	0,009	0,037	FALSE
0,030	0,304	0,001	0,007	0,046	FALSE
-0,018	0,318	0,000	0,008	0,011	FALSE
-0,058	0,306	-0,002	0,007	0,092	FALSE
-0,041	0,298	-0,001	0,007	0,059	FALSE
-0,056	0,314	-0,002	0,007	0,087	FALSE
0,007	0,300	0,002	0,012	0,048	FALSE
-0,124	0,308	-0,003	0,009	0,158	FALSE
0,166	0,306	0,004	0,007	0,227	FALSE
0,084	0,306	0,003	0,007	0,166	FALSE
0,085	0,307	0,002	0,009	0,087	FALSE
0,030	0,306	0,001	0,009	0,042	FALSE
-0,031	0,307	-0,001	0,008	0,050	FALSE
0,023	0,318	0,001	0,007	0,026	FALSE
-0,059	0,318	-0,001	0,007	0,075	FALSE
-0,042	0,313	-0,001	0,007	0,025	FALSE
0,105	0,301	0,003	0,012	0,095	FALSE
-0,035	0,303	0,000	0,008	0,018	FALSE
-0,033	0,323	-0,001	0,013	0,022	FALSE
-0,024	0,305	0,000	0,007	0,005	FALSE
0,000	0,303	-0,001	0,011	0,017	FALSE
-0,002	0,312	0,001	0,007	0,025	FALSE
-0,108	0,303	-0,003	0,008	0,131	FALSE
-0,069	0,291	-0,004	0,013	0,106	FALSE

0,166	0,301	0,005	0,008	0,239	FALSE
0,038	0,304	0,001	0,008	0,042	FALSE
0,052	0,302	0,002	0,008	0,090	FALSE
0,046	0,313	0,002	0,008	0,069	FALSE
-0,043	0,306	-0,002	0,011	0,053	FALSE
0,065	0,317	0,002	0,008	0,097	FALSE
0,044	0,314	0,002	0,013	0,070	FALSE
0,014	0,314	0,000	0,007	0,021	FALSE
-0,003	0,306	0,000	0,006	0,001	FALSE
-0,014	0,310	-0,001	0,011	0,021	FALSE
-0,055	0,307	-0,003	0,011	0,090	FALSE
0,094	0,305	0,002	0,007	0,137	FALSE
0,050	0,314	0,002	0,008	0,079	FALSE
-0,045	0,324	-0,001	0,008	0,041	FALSE
-0,005	0,312	0,000	0,010	0,005	FALSE
0,044	0,300	0,001	0,007	0,055	FALSE
0,104	0,295	0,003	0,011	0,084	FALSE
0,030	0,329	0,001	0,009	0,054	FALSE
0,078	0,294	0,002	0,008	0,073	FALSE
0,038	0,310	0,001	0,008	0,027	FALSE
-0,089	0,300	-0,005	0,012	0,152	FALSE
-0,064	0,307	-0,002	0,011	0,086	FALSE
-0,185	0,294	-0,008	0,012	0,310	FALSE
0,039	0,300	0,002	0,008	0,087	FALSE
-0,020	0,307	0,000	0,007	0,015	FALSE
0,029	0,300	0,001	0,010	0,046	FALSE
-0,001	0,302	0,000	0,010	0,017	FALSE
0,018	0,298	0,001	0,009	0,025	FALSE
-0,015	0,310	-0,001	0,009	0,026	FALSE
-0,012	0,312	0,000	0,010	0,010	FALSE
0,012	0,301	0,001	0,010	0,026	FALSE
-0,011	0,293	-0,001	0,009	0,047	FALSE
-0,102	0,302	-0,002	0,006	0,150	FALSE
0,099	0,311	0,004	0,012	0,139	FALSE
-0,019	0,317	0,000	0,007	0,017	FALSE
-0,012	0,297	0,000	0,009	0,002	FALSE
-0,045	0,302	-0,003	0,012	0,097	FALSE
-0,049	0,297	-0,003	0,012	0,094	FALSE
-0,087	0,298	-0,005	0,011	0,160	FALSE
-0,057	0,310	-0,002	0,013	0,063	FALSE
-0,007	0,318	0,000	0,012	0,008	FALSE
0,003	0,314	0,000	0,008	0,018	FALSE
-0,034	0,323	0,000	0,008	0,019	FALSE
0,045	0,302	0,001	0,008	0,056	FALSE
0,121	0,298	0,004	0,009	0,186	FALSE
-0,040	0,298	-0,001	0,009	0,035	FALSE
0,013	0,318	0,001	0,011	0,025	FALSE
-0,182	0,307	-0,006	0,011	0,229	FALSE
-0,114	0,309	-0,004	0,011	0,162	FALSE
0,136	0,307	0,004	0,010	0,157	FALSE
0,112	0,325	0,005	0,014	0,155	FALSE
-0,101	0,310	-0,002	0,009	0,084	FALSE
-0,086	0,312	-0,002	0,009	0,073	FALSE

-0,038	0,319	0,000	0,012	0,001	FALSE
0,033	0,291	0,001	0,006	0,050	FALSE
-0,022	0,313	-0,001	0,010	0,031	FALSE
-0,026	0,302	-0,001	0,013	0,021	FALSE
-0,049	0,293	-0,002	0,011	0,055	FALSE
-0,022	0,310	-0,001	0,011	0,031	FALSE
-0,079	0,305	-0,004	0,012	0,117	FALSE
0,012	0,307	0,001	0,007	0,031	FALSE
0,023	0,321	0,001	0,009	0,026	FALSE
-0,122	0,298	-0,002	0,007	0,133	FALSE
0,004	0,301	0,001	0,011	0,028	FALSE
-0,003	0,303	0,000	0,008	0,012	FALSE
-0,015	0,325	0,000	0,007	0,004	FALSE
-0,028	0,299	-0,001	0,009	0,030	FALSE
0,025	0,317	0,000	0,007	0,010	FALSE
-0,008	0,306	-0,001	0,012	0,024	FALSE
-0,058	0,310	-0,001	0,008	0,071	FALSE
-0,036	0,312	-0,001	0,007	0,048	FALSE
0,010	0,318	0,000	0,011	0,005	FALSE
0,035	0,319	0,001	0,013	0,032	FALSE
-0,018	0,319	0,000	0,008	0,010	FALSE
-0,033	0,308	-0,002	0,013	0,043	FALSE
-0,015	0,304	0,000	0,008	0,007	FALSE
0,005	0,312	-0,001	0,013	0,021	FALSE
-0,076	0,301	-0,002	0,011	0,069	FALSE
0,033	0,311	0,001	0,009	0,057	FALSE
-0,113	0,301	-0,003	0,007	0,142	FALSE
0,018	0,313	0,000	0,009	0,003	FALSE
-0,032	0,306	0,000	0,009	0,005	FALSE
0,028	0,304	0,002	0,009	0,068	FALSE
0,020	0,309	0,001	0,009	0,054	FALSE
0,026	0,301	0,002	0,009	0,066	FALSE
-0,022	0,291	0,000	0,010	0,000	FALSE
0,047	0,297	0,001	0,009	0,037	FALSE
-0,145	0,307	-0,003	0,007	0,197	FALSE
-0,048	0,305	-0,001	0,007	0,044	FALSE
-0,063	0,300	-0,001	0,008	0,036	FALSE
-0,059	0,306	-0,002	0,009	0,076	FALSE
-0,067	0,312	-0,003	0,013	0,083	FALSE
0,177	0,307	0,004	0,006	0,286	FALSE
-0,055	0,313	-0,001	0,006	0,032	FALSE
-0,080	0,308	-0,004	0,012	0,119	FALSE
-0,071	0,308	-0,004	0,011	0,137	FALSE
-0,096	0,311	-0,003	0,008	0,138	FALSE
-0,095	0,301	-0,003	0,009	0,117	FALSE
0,062	0,308	0,003	0,012	0,088	FALSE
-0,088	0,309	-0,003	0,011	0,110	FALSE
0,052	0,299	0,003	0,012	0,088	FALSE
-0,237	0,295	-0,011	0,013	0,412	FALSE
-0,059	0,299	-0,001	0,012	0,045	FALSE
-0,070	0,308	-0,002	0,012	0,066	FALSE
0,008	0,311	0,001	0,009	0,042	FALSE
0,018	0,317	0,001	0,007	0,033	FALSE

0,014	0,305	0,001	0,010	0,023	FALSE
-0,060	0,321	-0,003	0,013	0,084	FALSE
-0,067	0,294	-0,003	0,009	0,117	FALSE
0,053	0,304	0,002	0,010	0,085	FALSE
0,022	0,305	0,001	0,013	0,014	FALSE
-0,034	0,304	-0,001	0,009	0,042	FALSE
-0,042	0,309	-0,002	0,013	0,055	FALSE
-0,030	0,308	-0,001	0,013	0,030	FALSE
-0,137	0,314	-0,004	0,009	0,181	FALSE
-0,046	0,312	-0,001	0,007	0,059	FALSE
-0,097	0,296	-0,002	0,007	0,115	FALSE
-0,021	0,310	0,000	0,012	0,003	FALSE
-0,086	0,304	-0,003	0,011	0,093	FALSE
-0,001	0,310	0,000	0,011	0,011	FALSE
0,160	0,304	0,004	0,008	0,210	FALSE
0,052	0,308	0,002	0,010	0,061	FALSE
0,032	0,312	0,001	0,012	0,027	FALSE
0,042	0,305	0,002	0,012	0,054	FALSE
-0,080	0,300	-0,002	0,007	0,119	FALSE
-0,138	0,301	-0,005	0,011	0,175	FALSE
0,134	0,306	0,004	0,008	0,225	FALSE
0,062	0,315	0,002	0,012	0,066	FALSE
-0,065	0,314	-0,003	0,010	0,128	FALSE
0,061	0,310	0,001	0,012	0,043	FALSE
-0,015	0,299	0,001	0,010	0,020	FALSE
-0,110	0,315	-0,005	0,011	0,181	FALSE
0,056	0,306	0,003	0,012	0,113	FALSE
0,025	0,288	0,000	0,011	0,003	FALSE
0,178	0,293	0,004	0,007	0,255	FALSE
0,043	0,306	0,001	0,012	0,039	FALSE
-0,129	0,298	-0,003	0,009	0,120	FALSE
0,075	0,289	0,002	0,006	0,147	FALSE
-0,128	0,312	-0,005	0,012	0,179	FALSE
-0,140	0,313	-0,003	0,007	0,178	FALSE
-0,038	0,305	0,000	0,007	0,019	FALSE
-0,011	0,299	-0,001	0,012	0,020	FALSE
0,042	0,309	0,001	0,007	0,060	FALSE
0,125	0,305	0,003	0,007	0,175	FALSE
0,060	0,308	0,002	0,010	0,082	FALSE
-0,161	0,304	-0,004	0,008	0,243	FALSE
-0,068	0,305	-0,002	0,008	0,080	FALSE
0,096	0,314	0,003	0,010	0,103	FALSE
0,040	0,292	0,001	0,013	0,014	FALSE
0,029	0,286	0,000	0,013	0,012	FALSE
0,026	0,284	0,000	0,012	0,012	FALSE
0,025	0,287	0,000	0,012	0,002	FALSE
-0,077	0,292	-0,004	0,012	0,142	FALSE
0,050	0,310	0,002	0,010	0,064	FALSE
-0,132	0,295	-0,003	0,008	0,174	FALSE
0,030	0,324	0,001	0,007	0,035	FALSE
0,069	0,293	0,003	0,010	0,097	FALSE
-0,042	0,311	-0,001	0,008	0,038	FALSE
0,157	0,287	0,004	0,007	0,232	FALSE

-0,010	0,322	0,000	0,007	0,006	FALSE
0,120	0,311	0,003	0,008	0,177	FALSE
0,037	0,305	0,001	0,010	0,020	FALSE
0,051	0,308	0,001	0,010	0,054	FALSE
-0,071	0,304	-0,003	0,011	0,105	FALSE
0,032	0,303	0,001	0,006	0,081	FALSE
0,001	0,316	0,000	0,011	0,001	FALSE
0,074	0,312	0,003	0,013	0,089	FALSE
0,084	0,294	0,002	0,012	0,077	FALSE
0,021	0,310	0,001	0,007	0,063	FALSE
0,106	0,313	0,003	0,013	0,095	FALSE
0,041	0,304	0,001	0,007	0,078	FALSE
0,022	0,310	0,001	0,011	0,043	FALSE
-0,139	0,310	-0,005	0,012	0,167	FALSE
0,151	0,302	0,004	0,010	0,174	FALSE
-0,138	0,321	-0,004	0,009	0,185	FALSE
0,013	0,312	0,000	0,009	0,015	FALSE
0,019	0,296	0,000	0,009	0,015	FALSE
0,056	0,308	0,001	0,008	0,064	FALSE
0,127	0,304	0,004	0,008	0,194	FALSE
0,151	0,307	0,004	0,008	0,212	FALSE
0,153	0,296	0,004	0,007	0,234	FALSE
0,024	0,298	0,001	0,009	0,031	FALSE
0,105	0,320	0,002	0,007	0,134	FALSE
0,010	0,320	0,001	0,013	0,020	FALSE
-0,011	0,322	0,000	0,013	0,008	FALSE
0,012	0,316	0,000	0,013	0,001	FALSE
-0,015	0,316	0,000	0,013	0,001	FALSE
0,046	0,303	0,001	0,007	0,028	FALSE
0,026	0,320	0,001	0,013	0,032	FALSE
-0,038	0,303	-0,001	0,011	0,049	FALSE
-0,014	0,305	-0,001	0,010	0,023	FALSE
0,134	0,297	0,003	0,006	0,161	FALSE
-0,110	0,313	-0,003	0,008	0,130	FALSE
0,006	0,305	0,000	0,012	0,011	FALSE
-0,081	0,308	-0,005	0,013	0,142	FALSE
0,016	0,316	0,001	0,007	0,047	FALSE
-0,061	0,294	-0,003	0,011	0,092	FALSE
0,132	0,294	0,004	0,011	0,163	FALSE
0,113	0,298	0,004	0,011	0,151	FALSE
0,131	0,307	0,004	0,011	0,146	FALSE
0,160	0,299	0,006	0,011	0,232	FALSE
0,043	0,305	0,002	0,008	0,071	FALSE
0,062	0,312	0,002	0,007	0,087	FALSE
0,005	0,309	0,000	0,012	0,009	FALSE
0,087	0,299	0,003	0,012	0,106	FALSE
0,009	0,320	0,001	0,007	0,047	FALSE
0,003	0,301	0,000	0,010	0,008	FALSE
0,100	0,301	0,003	0,010	0,133	FALSE
0,100	0,299	0,005	0,013	0,172	FALSE
-0,002	0,309	0,000	0,007	0,009	FALSE
0,010	0,326	0,000	0,009	0,003	FALSE
-0,028	0,303	0,000	0,007	0,008	FALSE

-0,065	0,317	-0,003	0,013	0,079	FALSE
0,012	0,305	-0,001	0,013	0,024	FALSE
-0,012	0,294	-0,001	0,008	0,030	FALSE
-0,020	0,303	-0,001	0,009	0,032	FALSE
-0,063	0,310	-0,002	0,010	0,064	FALSE
0,008	0,310	0,000	0,012	0,002	FALSE
0,063	0,295	0,003	0,012	0,110	FALSE
-0,048	0,306	-0,003	0,011	0,095	FALSE
0,164	0,300	0,004	0,007	0,235	FALSE
0,218	0,295	0,007	0,009	0,335	FALSE
0,066	0,313	0,002	0,008	0,090	FALSE
0,021	0,309	0,001	0,008	0,044	FALSE
0,114	0,309	0,004	0,011	0,149	FALSE
0,147	0,289	0,007	0,013	0,222	FALSE
0,187	0,287	0,007	0,011	0,301	FALSE
0,194	0,312	0,007	0,012	0,255	FALSE
0,191	0,290	0,005	0,009	0,263	FALSE
-0,009	0,312	0,000	0,010	0,007	FALSE
-0,068	0,315	-0,002	0,010	0,096	FALSE
-0,047	0,299	-0,001	0,007	0,060	FALSE
-0,066	0,306	-0,002	0,008	0,107	FALSE
0,192	0,302	0,005	0,009	0,270	FALSE
-0,029	0,307	-0,002	0,013	0,047	FALSE
0,066	0,298	0,002	0,007	0,104	FALSE
-0,050	0,304	-0,002	0,008	0,069	FALSE
-0,021	0,320	-0,001	0,011	0,035	FALSE
-0,097	0,295	-0,003	0,010	0,099	FALSE
-0,120	0,300	-0,004	0,012	0,140	FALSE
-0,135	0,302	-0,005	0,013	0,150	FALSE
0,058	0,308	0,001	0,010	0,028	FALSE
-0,009	0,302	0,000	0,008	0,006	FALSE
-0,036	0,312	-0,001	0,012	0,029	FALSE
0,016	0,320	0,001	0,012	0,021	FALSE
-0,137	0,314	-0,003	0,007	0,198	FALSE
0,018	0,328	0,000	0,010	0,004	FALSE
-0,003	0,308	-0,001	0,009	0,025	FALSE
-0,134	0,295	-0,004	0,009	0,189	FALSE
-0,040	0,306	-0,001	0,010	0,043	FALSE
-0,172	0,301	-0,007	0,012	0,253	FALSE
0,123	0,305	0,003	0,008	0,147	FALSE
0,091	0,297	0,002	0,007	0,129	FALSE
0,020	0,313	0,001	0,011	0,035	FALSE
0,046	0,311	0,001	0,008	0,050	FALSE
-0,078	0,310	-0,002	0,008	0,110	FALSE
0,088	0,312	0,003	0,011	0,095	FALSE
0,041	0,307	0,001	0,010	0,053	FALSE
0,011	0,301	0,000	0,009	0,005	FALSE
-0,026	0,317	-0,001	0,007	0,035	FALSE
-0,047	0,306	-0,001	0,007	0,064	FALSE
-0,030	0,310	-0,001	0,007	0,031	FALSE
0,039	0,313	0,002	0,013	0,052	FALSE
0,104	0,279	0,004	0,010	0,152	FALSE
0,123	0,295	0,004	0,011	0,168	FALSE

0,061	0,310	0,002	0,008	0,075	FALSE
0,041	0,312	0,001	0,008	0,036	FALSE
0,061	0,305	0,001	0,006	0,075	FALSE
-0,049	0,293	-0,001	0,007	0,059	FALSE
0,022	0,305	0,000	0,011	0,012	FALSE
0,054	0,313	0,001	0,007	0,045	FALSE
-0,018	0,297	0,000	0,008	0,016	FALSE
0,109	0,309	0,004	0,010	0,170	FALSE
-0,088	0,307	-0,002	0,007	0,104	FALSE
-0,134	0,306	-0,003	0,009	0,152	FALSE
0,120	0,312	0,004	0,010	0,164	FALSE
0,074	0,307	0,003	0,008	0,129	FALSE
0,115	0,302	0,004	0,011	0,154	FALSE
-0,048	0,317	-0,002	0,011	0,076	FALSE
0,068	0,321	0,003	0,012	0,080	FALSE
0,051	0,315	0,001	0,006	0,048	FALSE
-0,071	0,308	-0,002	0,009	0,085	FALSE
-0,112	0,312	-0,003	0,007	0,136	FALSE
-0,040	0,303	-0,001	0,008	0,046	FALSE
-0,111	0,311	-0,003	0,007	0,149	FALSE
-0,010	0,326	0,000	0,008	0,002	FALSE
-0,057	0,312	-0,001	0,008	0,051	FALSE
0,035	0,295	0,001	0,009	0,055	FALSE
-0,073	0,310	-0,001	0,007	0,074	FALSE
-0,007	0,304	-0,001	0,010	0,032	FALSE
-0,015	0,310	0,000	0,013	0,010	FALSE
-0,029	0,311	-0,001	0,007	0,043	FALSE
-0,059	0,302	-0,002	0,009	0,079	FALSE
-0,039	0,313	-0,001	0,011	0,045	FALSE
-0,049	0,301	-0,003	0,012	0,092	FALSE
-0,061	0,302	-0,001	0,006	0,068	FALSE
0,043	0,311	0,002	0,011	0,061	FALSE
0,047	0,308	0,001	0,008	0,039	FALSE
0,000	0,302	0,000	0,009	0,011	FALSE
0,122	0,303	0,003	0,007	0,150	FALSE
-0,129	0,297	-0,004	0,008	0,188	FALSE
0,051	0,311	0,002	0,010	0,075	FALSE
-0,136	0,312	-0,006	0,012	0,199	FALSE
-0,077	0,302	-0,003	0,012	0,088	FALSE
-0,033	0,314	-0,001	0,012	0,036	FALSE
0,050	0,294	0,003	0,011	0,095	FALSE
0,057	0,315	0,002	0,009	0,077	FALSE
-0,148	0,304	-0,004	0,007	0,221	FALSE
0,084	0,309	0,003	0,011	0,115	FALSE
-0,009	0,315	-0,001	0,013	0,018	FALSE
-0,074	0,310	-0,002	0,008	0,114	FALSE
0,001	0,300	0,000	0,013	0,013	FALSE
0,007	0,305	-0,001	0,013	0,017	FALSE
0,057	0,310	0,002	0,008	0,088	FALSE
0,019	0,304	0,002	0,011	0,056	FALSE
0,006	0,292	0,001	0,010	0,020	FALSE
0,013	0,307	0,000	0,008	0,012	FALSE
0,006	0,306	0,000	0,010	0,014	FALSE

-0,061	0,316	-0,003	0,012	0,075	FALSE
-0,010	0,303	0,000	0,011	0,000	FALSE
-0,064	0,307	-0,002	0,009	0,084	FALSE
0,121	0,305	0,006	0,012	0,216	FALSE
0,079	0,293	0,003	0,010	0,130	FALSE
0,044	0,306	0,002	0,013	0,072	FALSE
-0,068	0,305	-0,001	0,006	0,066	FALSE
-0,058	0,311	-0,001	0,008	0,070	FALSE
-0,109	0,308	-0,004	0,012	0,151	FALSE
-0,092	0,310	-0,002	0,007	0,144	FALSE
0,104	0,297	0,002	0,006	0,154	FALSE
0,061	0,300	0,003	0,011	0,114	FALSE
0,057	0,291	0,002	0,010	0,088	FALSE
0,077	0,296	0,003	0,010	0,128	FALSE
0,044	0,309	0,002	0,010	0,075	FALSE
0,072	0,293	0,003	0,010	0,103	FALSE
-0,015	0,298	0,000	0,010	0,012	FALSE
0,009	0,312	0,001	0,007	0,027	FALSE
-0,072	0,299	-0,002	0,011	0,080	FALSE
-0,014	0,291	0,000	0,008	0,005	FALSE
-0,012	0,312	-0,002	0,013	0,069	FALSE
0,057	0,304	0,002	0,008	0,069	FALSE
0,128	0,308	0,005	0,010	0,200	FALSE
-0,014	0,301	0,000	0,008	0,004	FALSE
-0,002	0,308	0,000	0,009	0,016	FALSE
-0,007	0,302	0,000	0,008	0,015	FALSE
0,104	0,320	0,003	0,008	0,146	FALSE
0,104	0,305	0,003	0,008	0,155	FALSE
-0,001	0,325	0,000	0,013	0,009	FALSE
0,056	0,307	0,002	0,010	0,064	FALSE
-0,063	0,302	-0,001	0,008	0,058	FALSE
-0,005	0,303	0,000	0,007	0,024	FALSE
0,058	0,302	0,001	0,006	0,076	FALSE
-0,111	0,328	-0,002	0,007	0,126	FALSE
0,097	0,305	0,002	0,007	0,118	FALSE
-0,080	0,303	-0,004	0,013	0,129	FALSE
0,083	0,294	0,005	0,012	0,151	FALSE
0,019	0,287	0,000	0,011	0,005	FALSE
0,042	0,296	0,001	0,007	0,041	FALSE
0,036	0,302	0,002	0,007	0,082	FALSE
-0,012	0,310	0,000	0,011	0,013	FALSE
-0,006	0,311	0,000	0,009	0,016	FALSE
0,048	0,315	0,001	0,007	0,070	FALSE
0,023	0,297	0,001	0,008	0,032	FALSE
0,092	0,307	0,004	0,011	0,121	FALSE
-0,050	0,315	-0,002	0,011	0,066	FALSE
-0,104	0,320	-0,004	0,013	0,129	FALSE
0,091	0,310	0,003	0,011	0,116	FALSE
0,083	0,302	0,003	0,012	0,104	FALSE
0,148	0,303	0,007	0,013	0,204	FALSE
0,198	0,310	0,008	0,011	0,326	FALSE
0,140	0,304	0,006	0,011	0,221	FALSE
-0,042	0,314	-0,001	0,008	0,027	FALSE

0,049	0,301	0,002	0,011	0,075	FALSE
0,034	0,308	0,001	0,007	0,049	FALSE
0,030	0,299	0,000	0,007	0,025	FALSE
-0,117	0,314	-0,005	0,013	0,139	FALSE
0,038	0,313	0,001	0,013	0,033	FALSE
0,058	0,311	0,002	0,013	0,063	FALSE
-0,028	0,309	-0,001	0,009	0,021	FALSE
0,002	0,318	0,000	0,011	0,000	FALSE
0,098	0,304	0,003	0,008	0,132	FALSE
-0,049	0,298	-0,001	0,012	0,039	FALSE
0,069	0,311	0,002	0,007	0,103	FALSE
-0,016	0,314	-0,001	0,013	0,031	FALSE
0,063	0,300	0,002	0,006	0,126	FALSE
0,046	0,307	0,001	0,008	0,070	FALSE
0,065	0,318	0,002	0,008	0,077	FALSE
0,079	0,305	0,002	0,011	0,073	FALSE
0,071	0,291	0,001	0,006	0,080	FALSE
0,054	0,302	0,001	0,007	0,066	FALSE
0,043	0,300	0,001	0,007	0,050	FALSE
0,159	0,306	0,005	0,010	0,210	FALSE
0,056	0,318	0,001	0,008	0,066	FALSE
0,022	0,297	0,001	0,009	0,037	FALSE
0,017	0,315	0,000	0,007	0,011	FALSE
0,117	0,312	0,005	0,013	0,165	FALSE
0,065	0,306	0,002	0,006	0,088	FALSE
-0,044	0,306	-0,002	0,012	0,060	FALSE
0,105	0,316	0,005	0,013	0,141	FALSE
0,038	0,314	0,001	0,007	0,048	FALSE
0,029	0,331	0,001	0,013	0,041	FALSE
-0,070	0,318	-0,002	0,012	0,073	FALSE
0,008	0,310	0,001	0,013	0,021	FALSE
-0,122	0,304	-0,003	0,009	0,132	FALSE
0,041	0,312	0,001	0,007	0,054	FALSE
-0,026	0,287	-0,001	0,008	0,071	FALSE
-0,108	0,293	-0,003	0,010	0,123	FALSE
-0,020	0,308	-0,001	0,007	0,032	FALSE
0,015	0,317	0,000	0,007	0,011	FALSE
-0,053	0,310	-0,001	0,008	0,030	FALSE
0,086	0,312	0,002	0,009	0,092	FALSE
0,005	0,317	0,001	0,013	0,015	FALSE
0,037	0,302	0,002	0,010	0,054	FALSE
0,067	0,310	0,003	0,012	0,110	FALSE
0,004	0,310	0,000	0,009	0,013	FALSE
-0,057	0,314	-0,001	0,008	0,062	FALSE
0,046	0,297	0,001	0,007	0,066	FALSE
0,035	0,312	0,002	0,013	0,041	FALSE
0,039	0,314	0,001	0,011	0,048	FALSE
-0,047	0,317	-0,001	0,008	0,056	FALSE
-0,030	0,320	-0,001	0,007	0,037	FALSE
-0,032	0,307	-0,001	0,008	0,041	FALSE
0,076	0,295	0,004	0,012	0,144	FALSE
-0,004	0,306	0,000	0,011	0,005	FALSE
-0,010	0,305	-0,001	0,008	0,033	FALSE

-0,164	0,306	-0,005	0,009	0,221	FALSE
0,126	0,294	0,007	0,011	0,249	FALSE
0,017	0,297	0,000	0,007	0,016	FALSE
0,015	0,309	0,000	0,008	0,008	FALSE
-0,081	0,304	-0,001	0,007	0,073	FALSE
0,109	0,321	0,003	0,010	0,145	FALSE
0,024	0,320	0,001	0,009	0,047	FALSE
-0,027	0,315	-0,001	0,010	0,030	FALSE
-0,030	0,302	-0,002	0,012	0,065	FALSE
-0,044	0,302	-0,003	0,012	0,086	FALSE
0,021	0,292	0,002	0,012	0,066	FALSE
0,044	0,302	0,003	0,012	0,092	FALSE
0,057	0,307	0,002	0,012	0,057	FALSE
-0,013	0,308	0,001	0,011	0,023	FALSE
-0,001	0,294	0,001	0,010	0,036	FALSE
-0,015	0,307	-0,001	0,011	0,037	FALSE
-0,004	0,310	-0,001	0,011	0,017	FALSE
0,009	0,305	-0,001	0,009	0,022	FALSE
0,094	0,307	0,003	0,013	0,072	FALSE
-0,014	0,303	-0,001	0,008	0,024	FALSE
-0,050	0,301	-0,003	0,012	0,100	FALSE
-0,158	0,316	-0,006	0,011	0,210	FALSE
0,058	0,286	0,002	0,006	0,113	FALSE
-0,035	0,307	-0,001	0,009	0,035	FALSE
0,035	0,299	0,001	0,011	0,036	FALSE
-0,034	0,293	-0,001	0,011	0,035	FALSE
0,019	0,310	0,000	0,006	0,012	FALSE
0,001	0,309	0,000	0,007	0,007	FALSE
0,035	0,298	0,002	0,009	0,093	FALSE
-0,003	0,312	0,000	0,010	0,004	FALSE
0,043	0,299	0,001	0,009	0,041	FALSE
-0,077	0,310	-0,004	0,013	0,119	FALSE
-0,117	0,311	-0,004	0,010	0,161	FALSE
-0,127	0,296	-0,004	0,009	0,197	FALSE
-0,149	0,313	-0,006	0,013	0,207	FALSE
-0,080	0,301	-0,003	0,010	0,122	FALSE
0,088	0,309	0,003	0,011	0,101	FALSE
-0,166	0,304	-0,005	0,009	0,238	FALSE
0,108	0,309	0,004	0,013	0,137	FALSE
0,071	0,318	0,003	0,012	0,095	FALSE
0,041	0,304	0,001	0,006	0,079	FALSE
-0,014	0,302	0,000	0,012	0,007	FALSE
0,070	0,314	0,002	0,010	0,079	FALSE
0,216	0,282	0,008	0,011	0,350	FALSE
0,132	0,301	0,005	0,011	0,168	FALSE
0,059	0,309	0,002	0,012	0,055	FALSE
0,063	0,315	0,001	0,013	0,036	FALSE
0,048	0,306	0,001	0,012	0,027	FALSE
0,052	0,329	0,001	0,011	0,042	FALSE
0,052	0,302	0,002	0,013	0,052	FALSE
0,034	0,315	0,001	0,009	0,039	FALSE
0,011	0,308	0,000	0,006	0,008	FALSE
-0,018	0,297	-0,002	0,012	0,056	FALSE

-0,024	0,311	0,000	0,012	0,005	FALSE
0,012	0,298	0,000	0,007	0,003	FALSE
0,006	0,317	0,000	0,007	0,004	FALSE
0,012	0,315	0,000	0,010	0,013	FALSE
-0,040	0,319	-0,001	0,007	0,044	FALSE
-0,030	0,301	-0,001	0,007	0,032	FALSE
0,041	0,296	0,001	0,009	0,037	FALSE
-0,103	0,311	-0,003	0,010	0,125	FALSE
0,157	0,293	0,004	0,006	0,271	FALSE
0,078	0,309	0,003	0,009	0,110	FALSE
-0,045	0,311	-0,001	0,009	0,040	FALSE
0,112	0,277	0,004	0,008	0,196	FALSE
0,110	0,290	0,004	0,011	0,143	FALSE
0,146	0,297	0,004	0,009	0,188	FALSE
0,021	0,308	0,000	0,007	0,007	FALSE
0,004	0,302	0,000	0,012	0,007	FALSE
-0,015	0,318	0,000	0,008	0,008	FALSE
0,019	0,327	0,001	0,008	0,029	FALSE
-0,014	0,313	0,000	0,012	0,014	FALSE
0,037	0,305	0,001	0,009	0,029	FALSE
0,080	0,306	0,002	0,008	0,097	FALSE
0,075	0,307	0,002	0,007	0,098	FALSE
0,065	0,321	0,002	0,008	0,084	FALSE
-0,025	0,309	0,000	0,007	0,002	FALSE
0,067	0,310	0,001	0,009	0,057	FALSE
0,037	0,304	0,001	0,006	0,078	FALSE
0,044	0,311	0,001	0,007	0,082	FALSE
0,068	0,307	0,002	0,006	0,115	FALSE
0,067	0,295	0,002	0,006	0,115	FALSE
0,059	0,309	0,002	0,006	0,110	FALSE
-0,039	0,302	-0,001	0,008	0,028	FALSE
0,015	0,313	0,000	0,009	0,003	FALSE
0,004	0,306	0,001	0,008	0,024	FALSE
-0,026	0,301	-0,001	0,009	0,028	FALSE
0,012	0,302	-0,001	0,009	0,021	FALSE
0,045	0,312	0,002	0,010	0,067	FALSE
0,021	0,307	0,001	0,010	0,041	FALSE
-0,017	0,322	-0,001	0,011	0,024	FALSE
0,014	0,308	0,000	0,009	0,020	FALSE
-0,044	0,304	-0,001	0,007	0,035	FALSE
0,002	0,295	-0,001	0,010	0,019	FALSE
-0,015	0,318	-0,001	0,013	0,032	FALSE
-0,079	0,304	-0,003	0,011	0,099	FALSE
-0,130	0,301	-0,003	0,007	0,162	FALSE
0,057	0,299	0,001	0,010	0,050	FALSE
0,092	0,297	0,002	0,010	0,095	FALSE
-0,071	0,311	-0,003	0,008	0,131	FALSE
0,009	0,306	0,000	0,008	0,004	FALSE
0,014	0,298	0,000	0,007	0,001	FALSE
0,017	0,303	0,001	0,009	0,034	FALSE
0,059	0,303	0,002	0,010	0,065	FALSE
0,083	0,320	0,001	0,007	0,072	FALSE
0,055	0,310	0,001	0,007	0,036	FALSE

-0,001	0,313	0,000	0,007	0,012	FALSE
-0,148	0,300	-0,003	0,007	0,193	FALSE
0,152	0,309	0,004	0,009	0,199	FALSE
0,157	0,304	0,004	0,009	0,214	FALSE
-0,074	0,311	-0,002	0,007	0,107	FALSE
0,118	0,310	0,003	0,008	0,147	FALSE
0,118	0,304	0,005	0,011	0,194	FALSE
-0,051	0,289	-0,002	0,011	0,077	FALSE
-0,020	0,298	-0,001	0,011	0,028	FALSE
0,047	0,300	0,001	0,011	0,020	FALSE
0,094	0,289	0,001	0,006	0,084	FALSE
0,075	0,306	0,001	0,007	0,062	FALSE
0,086	0,311	0,002	0,007	0,085	FALSE
0,000	0,313	0,000	0,012	0,014	FALSE
-0,043	0,300	-0,001	0,007	0,028	FALSE
0,013	0,298	0,001	0,012	0,022	FALSE
-0,098	0,308	-0,003	0,009	0,146	FALSE
-0,041	0,309	-0,001	0,007	0,060	FALSE
0,045	0,317	0,002	0,013	0,047	FALSE
0,004	0,308	0,000	0,007	0,015	FALSE
0,035	0,305	0,001	0,008	0,038	FALSE
0,120	0,323	0,004	0,013	0,121	FALSE
-0,027	0,319	-0,001	0,013	0,018	FALSE
0,096	0,307	0,003	0,009	0,107	FALSE
0,003	0,316	0,000	0,008	0,009	FALSE
-0,145	0,302	-0,005	0,012	0,172	FALSE
-0,043	0,311	-0,002	0,009	0,064	FALSE
0,074	0,287	0,001	0,007	0,052	FALSE
0,063	0,325	0,002	0,010	0,068	FALSE
0,150	0,312	0,004	0,007	0,230	FALSE
0,074	0,304	0,003	0,009	0,113	FALSE
-0,020	0,314	-0,001	0,012	0,022	FALSE
0,007	0,303	0,001	0,009	0,044	FALSE
0,000	0,326	-0,001	0,012	0,020	FALSE
0,028	0,313	0,000	0,009	0,004	FALSE
0,004	0,313	0,000	0,013	0,010	FALSE
0,181	0,304	0,004	0,006	0,290	FALSE
-0,027	0,295	-0,001	0,012	0,025	FALSE
-0,122	0,303	-0,003	0,009	0,147	FALSE
0,014	0,317	0,001	0,011	0,026	FALSE
-0,003	0,323	0,000	0,012	0,004	FALSE
0,074	0,321	0,001	0,007	0,078	FALSE
0,049	0,309	0,002	0,008	0,068	FALSE
0,164	0,292	0,004	0,007	0,255	FALSE
-0,107	0,314	-0,004	0,010	0,151	FALSE
0,004	0,296	0,001	0,009	0,034	FALSE
0,000	0,306	0,001	0,009	0,034	FALSE
0,001	0,283	0,001	0,007	0,034	FALSE
0,017	0,304	0,001	0,009	0,056	FALSE
0,018	0,303	0,001	0,010	0,052	FALSE
-0,016	0,313	0,000	0,008	0,013	FALSE
-0,010	0,307	0,000	0,007	0,000	FALSE
0,070	0,314	0,002	0,006	0,103	FALSE

-0,029	0,314	0,000	0,013	0,013	FALSE
-0,142	0,306	-0,003	0,007	0,181	FALSE
-0,052	0,316	-0,001	0,010	0,041	FALSE
0,049	0,306	0,001	0,009	0,048	FALSE
0,015	0,308	0,001	0,007	0,040	FALSE
0,035	0,304	0,000	0,009	0,019	FALSE
0,018	0,315	0,001	0,013	0,015	FALSE
-0,059	0,297	-0,002	0,009	0,083	FALSE
-0,074	0,315	-0,002	0,009	0,093	FALSE
-0,164	0,314	-0,006	0,012	0,216	FALSE
-0,198	0,308	-0,006	0,008	0,298	FALSE
0,071	0,315	0,001	0,008	0,066	FALSE
0,139	0,301	0,006	0,012	0,190	FALSE
0,069	0,301	0,002	0,013	0,055	FALSE
0,084	0,303	0,002	0,012	0,064	FALSE
0,030	0,297	0,001	0,007	0,050	FALSE
0,078	0,308	0,003	0,013	0,072	FALSE
-0,125	0,301	-0,004	0,012	0,146	FALSE
-0,062	0,307	-0,002	0,009	0,074	FALSE
-0,033	0,302	-0,001	0,009	0,028	FALSE
-0,109	0,307	-0,003	0,008	0,123	FALSE
-0,149	0,301	-0,004	0,008	0,191	FALSE
-0,036	0,307	-0,001	0,012	0,039	FALSE
0,116	0,300	0,004	0,009	0,162	FALSE
0,135	0,304	0,004	0,009	0,191	FALSE
0,131	0,303	0,004	0,008	0,183	FALSE
0,053	0,314	0,002	0,013	0,051	FALSE
0,054	0,317	0,002	0,010	0,054	FALSE
0,010	0,305	0,001	0,012	0,018	FALSE
-0,042	0,313	-0,001	0,009	0,047	FALSE
0,134	0,291	0,003	0,007	0,152	FALSE
-0,014	0,310	-0,001	0,012	0,018	FALSE
-0,052	0,308	-0,001	0,013	0,037	FALSE
0,066	0,309	0,002	0,008	0,083	FALSE
0,051	0,318	0,002	0,010	0,081	FALSE
0,053	0,316	0,002	0,010	0,084	FALSE
0,094	0,312	0,003	0,011	0,109	FALSE
0,101	0,305	0,003	0,011	0,109	FALSE
-0,001	0,308	0,001	0,013	0,029	FALSE
0,018	0,307	0,001	0,006	0,046	FALSE
-0,101	0,299	-0,003	0,007	0,156	FALSE
-0,112	0,296	-0,003	0,007	0,155	FALSE
0,140	0,297	0,006	0,011	0,225	FALSE
0,019	0,317	0,001	0,013	0,019	FALSE
0,039	0,307	0,002	0,008	0,101	FALSE
-0,122	0,311	-0,006	0,013	0,187	FALSE
0,088	0,302	0,002	0,007	0,127	FALSE
0,038	0,309	0,001	0,008	0,053	FALSE
0,083	0,317	0,002	0,007	0,114	FALSE
0,022	0,305	0,001	0,012	0,042	FALSE
0,145	0,296	0,003	0,006	0,210	FALSE
0,069	0,319	0,002	0,008	0,098	FALSE
-0,014	0,312	-0,001	0,010	0,019	FALSE

-0,012	0,295	0,000	0,009	0,002	FALSE
-0,018	0,308	-0,001	0,007	0,032	FALSE
0,001	0,292	-0,001	0,009	0,044	FALSE
-0,085	0,315	-0,002	0,009	0,093	FALSE
-0,066	0,307	-0,002	0,009	0,078	FALSE
-0,022	0,312	-0,001	0,009	0,028	FALSE
0,139	0,307	0,003	0,007	0,185	FALSE
-0,048	0,304	-0,001	0,007	0,062	FALSE
-0,035	0,318	-0,001	0,007	0,031	FALSE
0,055	0,302	0,001	0,008	0,058	FALSE
0,002	0,317	0,000	0,009	0,006	FALSE
-0,075	0,309	-0,002	0,012	0,080	FALSE
0,027	0,305	0,001	0,006	0,050	FALSE
-0,075	0,317	-0,002	0,008	0,081	FALSE
0,029	0,297	0,000	0,006	0,013	FALSE
-0,128	0,304	-0,004	0,010	0,167	FALSE
-0,174	0,299	-0,005	0,009	0,225	FALSE
-0,126	0,312	-0,004	0,009	0,169	FALSE
0,029	0,310	0,001	0,008	0,058	FALSE
0,097	0,294	0,003	0,009	0,116	FALSE
-0,076	0,306	-0,003	0,012	0,116	FALSE
-0,007	0,310	0,000	0,007	0,001	FALSE
0,026	0,332	0,001	0,010	0,032	FALSE
-0,052	0,296	-0,001	0,009	0,056	FALSE
-0,076	0,298	-0,004	0,011	0,130	FALSE
-0,019	0,283	-0,001	0,012	0,038	FALSE
-0,066	0,294	-0,002	0,008	0,108	FALSE
-0,064	0,290	-0,002	0,008	0,087	FALSE
-0,120	0,312	-0,005	0,012	0,161	FALSE
0,153	0,303	0,005	0,009	0,234	FALSE
0,061	0,319	0,002	0,013	0,070	FALSE
-0,080	0,303	-0,002	0,011	0,061	FALSE
-0,068	0,311	-0,003	0,012	0,094	FALSE
-0,102	0,311	-0,005	0,012	0,146	FALSE
0,074	0,313	0,002	0,009	0,091	FALSE
0,052	0,315	0,002	0,012	0,062	FALSE
-0,046	0,312	-0,002	0,010	0,097	FALSE
0,108	0,293	0,004	0,012	0,150	FALSE
-0,206	0,300	-0,005	0,008	0,295	FALSE
-0,088	0,307	-0,002	0,007	0,132	FALSE
-0,094	0,300	-0,003	0,009	0,152	FALSE
-0,001	0,311	-0,001	0,013	0,027	FALSE
-0,014	0,293	-0,001	0,012	0,041	FALSE
-0,026	0,308	-0,002	0,012	0,052	FALSE
-0,063	0,302	-0,001	0,006	0,088	FALSE
-0,029	0,303	-0,001	0,006	0,041	FALSE
0,129	0,293	0,004	0,011	0,144	FALSE
0,127	0,305	0,004	0,011	0,141	FALSE
0,122	0,309	0,004	0,009	0,175	FALSE
0,090	0,316	0,003	0,009	0,130	FALSE
0,042	0,313	0,001	0,009	0,052	FALSE
0,122	0,306	0,002	0,007	0,120	FALSE
-0,139	0,294	-0,003	0,007	0,210	FALSE

-0,096	0,312	-0,003	0,009	0,116	FALSE
-0,081	0,307	-0,002	0,007	0,125	FALSE
-0,074	0,304	-0,002	0,007	0,087	FALSE
-0,008	0,315	0,001	0,013	0,015	FALSE
-0,081	0,317	-0,003	0,013	0,093	FALSE
0,028	0,313	0,001	0,011	0,030	FALSE
0,040	0,307	0,001	0,007	0,053	FALSE
-0,040	0,297	-0,001	0,007	0,065	FALSE
0,068	0,309	0,002	0,008	0,090	FALSE
-0,010	0,306	-0,001	0,007	0,038	FALSE
0,048	0,309	0,001	0,008	0,040	FALSE
-0,099	0,298	-0,003	0,008	0,134	FALSE
0,092	0,289	0,004	0,013	0,113	FALSE
-0,126	0,315	-0,003	0,008	0,172	FALSE
-0,004	0,305	0,001	0,007	0,038	FALSE
0,116	0,291	0,004	0,009	0,180	FALSE
0,042	0,317	0,001	0,008	0,034	FALSE
0,016	0,303	0,000	0,006	0,024	FALSE
0,028	0,311	0,001	0,010	0,035	FALSE
0,018	0,315	0,001	0,010	0,044	FALSE
-0,002	0,318	0,000	0,010	0,009	FALSE
-0,039	0,310	-0,001	0,012	0,021	FALSE
0,070	0,317	0,002	0,013	0,070	FALSE
-0,002	0,287	0,000	0,006	0,020	FALSE
-0,037	0,310	-0,002	0,012	0,064	FALSE
-0,052	0,306	-0,001	0,008	0,054	FALSE
-0,139	0,310	-0,004	0,009	0,197	FALSE
-0,079	0,303	-0,002	0,008	0,114	FALSE
0,111	0,311	0,002	0,007	0,132	FALSE
0,113	0,310	0,003	0,008	0,170	FALSE
0,090	0,301	0,004	0,011	0,133	FALSE
0,093	0,304	0,004	0,010	0,161	FALSE
0,089	0,313	0,002	0,008	0,124	FALSE
0,093	0,307	0,002	0,008	0,098	FALSE
0,097	0,299	0,002	0,007	0,100	FALSE
0,105	0,307	0,002	0,007	0,129	FALSE
0,028	0,303	0,001	0,007	0,062	FALSE
0,010	0,321	0,000	0,013	0,004	FALSE
0,026	0,309	0,001	0,010	0,021	FALSE
-0,037	0,306	-0,001	0,007	0,074	FALSE
-0,025	0,311	-0,002	0,013	0,045	FALSE
-0,039	0,311	-0,001	0,009	0,055	FALSE
0,115	0,310	0,002	0,006	0,131	FALSE
-0,067	0,295	-0,003	0,013	0,082	FALSE
0,103	0,310	0,002	0,007	0,125	FALSE
-0,012	0,303	0,000	0,009	0,013	FALSE
0,023	0,309	0,001	0,008	0,051	FALSE
0,028	0,307	0,001	0,009	0,044	FALSE
0,063	0,309	0,001	0,008	0,034	FALSE
0,044	0,306	0,002	0,009	0,065	FALSE
0,054	0,310	0,001	0,010	0,044	FALSE
-0,058	0,304	-0,002	0,007	0,083	FALSE
0,077	0,306	0,002	0,007	0,107	FALSE

-0,072	0,303	-0,002	0,009	0,079	FALSE
0,062	0,296	0,002	0,012	0,070	FALSE
-0,044	0,309	-0,001	0,007	0,068	FALSE
-0,157	0,292	-0,004	0,007	0,237	FALSE
0,077	0,307	0,003	0,009	0,118	FALSE
-0,034	0,320	-0,002	0,010	0,066	FALSE
0,085	0,306	0,003	0,009	0,111	FALSE
0,082	0,306	0,003	0,008	0,128	FALSE
-0,030	0,300	-0,001	0,012	0,024	FALSE
0,054	0,294	0,002	0,007	0,099	FALSE
-0,028	0,313	-0,001	0,013	0,024	FALSE
-0,052	0,312	-0,002	0,013	0,053	FALSE
-0,029	0,317	-0,002	0,013	0,042	FALSE
-0,102	0,311	-0,004	0,010	0,149	FALSE
-0,003	0,308	0,000	0,010	0,011	FALSE
0,013	0,307	0,001	0,010	0,023	FALSE
-0,060	0,309	-0,002	0,009	0,092	FALSE
0,101	0,317	0,002	0,008	0,111	FALSE
-0,080	0,313	-0,004	0,012	0,127	FALSE
0,073	0,308	0,002	0,008	0,070	FALSE
-0,037	0,303	-0,001	0,007	0,072	FALSE
0,068	0,294	0,001	0,009	0,058	FALSE
-0,019	0,301	-0,001	0,007	0,044	FALSE
0,058	0,313	0,001	0,008	0,049	FALSE
-0,011	0,317	0,000	0,012	0,011	FALSE
0,126	0,300	0,004	0,011	0,163	FALSE
-0,017	0,311	-0,001	0,008	0,045	FALSE
0,214	0,290	0,009	0,012	0,336	FALSE
0,096	0,310	0,003	0,011	0,113	FALSE
0,211	0,310	0,008	0,012	0,305	FALSE
0,046	0,303	0,001	0,007	0,040	FALSE
-0,130	0,295	-0,004	0,011	0,164	FALSE
-0,124	0,313	-0,005	0,010	0,183	FALSE
0,007	0,303	-0,001	0,009	0,028	FALSE
0,059	0,299	0,003	0,009	0,115	FALSE
0,089	0,305	0,004	0,010	0,166	FALSE
0,077	0,320	0,003	0,012	0,104	FALSE
-0,066	0,321	-0,003	0,012	0,091	FALSE
0,029	0,306	0,001	0,011	0,027	FALSE
-0,044	0,307	-0,001	0,008	0,028	FALSE
0,066	0,309	0,002	0,011	0,065	FALSE
0,063	0,290	0,003	0,013	0,076	FALSE
-0,005	0,309	0,000	0,012	0,003	FALSE
-0,125	0,310	-0,003	0,008	0,152	FALSE
-0,009	0,321	0,000	0,007	0,020	FALSE
-0,030	0,306	-0,001	0,007	0,054	FALSE
0,064	0,310	0,002	0,011	0,077	FALSE
0,062	0,295	0,002	0,008	0,084	FALSE
0,091	0,312	0,004	0,012	0,116	FALSE
0,065	0,313	0,001	0,009	0,062	FALSE
0,017	0,314	0,000	0,007	0,009	FALSE
0,010	0,309	0,001	0,012	0,017	FALSE
0,069	0,310	0,002	0,007	0,103	FALSE

-0,001	0,307	0,000	0,009	0,006	FALSE
-0,081	0,306	-0,002	0,007	0,122	FALSE
0,166	0,305	0,004	0,007	0,231	TRUE
0,171	0,309	0,004	0,007	0,222	FALSE
0,012	0,313	0,000	0,007	0,022	FALSE
0,167	0,302	0,004	0,007	0,219	FALSE
0,154	0,299	0,004	0,008	0,211	FALSE
-0,014	0,296	0,000	0,007	0,005	FALSE
-0,106	0,313	-0,005	0,013	0,139	FALSE
-0,045	0,316	-0,002	0,012	0,063	FALSE
0,046	0,302	0,001	0,010	0,038	FALSE
-0,035	0,311	-0,002	0,011	0,073	FALSE
-0,125	0,303	-0,004	0,009	0,174	FALSE
-0,085	0,321	-0,003	0,009	0,121	FALSE
0,090	0,314	0,002	0,008	0,082	FALSE
-0,033	0,299	-0,002	0,012	0,063	FALSE
0,044	0,313	0,002	0,012	0,067	FALSE
0,040	0,307	0,001	0,007	0,044	FALSE
-0,031	0,298	0,000	0,009	0,014	FALSE
-0,032	0,306	-0,001	0,009	0,024	FALSE
-0,062	0,299	-0,003	0,010	0,093	FALSE
0,139	0,293	0,004	0,008	0,207	FALSE
0,085	0,296	0,002	0,008	0,113	FALSE
0,040	0,286	0,002	0,012	0,049	FALSE
0,018	0,293	0,001	0,011	0,034	FALSE
0,065	0,305	0,002	0,009	0,072	FALSE
0,096	0,301	0,003	0,009	0,119	FALSE
0,009	0,319	0,000	0,010	0,007	FALSE
-0,125	0,312	-0,003	0,009	0,138	FALSE
-0,074	0,305	-0,002	0,006	0,098	FALSE
-0,109	0,291	-0,005	0,013	0,154	FALSE
-0,051	0,312	-0,001	0,006	0,078	FALSE
0,041	0,299	0,000	0,008	0,016	FALSE
0,037	0,309	0,001	0,012	0,024	FALSE
0,082	0,304	0,003	0,011	0,112	FALSE
0,068	0,320	0,002	0,007	0,089	FALSE
-0,067	0,306	-0,002	0,012	0,070	FALSE
-0,060	0,312	-0,002	0,012	0,062	FALSE
-0,066	0,311	-0,002	0,012	0,067	FALSE
-0,079	0,308	-0,003	0,012	0,081	FALSE
0,022	0,309	0,000	0,007	0,003	FALSE
0,048	0,307	0,001	0,013	0,028	FALSE
-0,091	0,317	-0,002	0,007	0,120	FALSE
0,123	0,289	0,002	0,006	0,132	FALSE
0,083	0,298	0,004	0,011	0,134	FALSE
-0,045	0,320	-0,001	0,007	0,045	FALSE
0,035	0,317	0,000	0,007	0,016	FALSE
-0,028	0,302	-0,001	0,012	0,036	FALSE
0,143	0,313	0,007	0,013	0,238	FALSE
-0,070	0,300	-0,003	0,012	0,103	FALSE
-0,022	0,301	0,000	0,007	0,023	FALSE
0,022	0,315	0,001	0,013	0,041	FALSE
-0,092	0,303	-0,005	0,011	0,163	FALSE

0,101	0,306	0,002	0,008	0,095	FALSE
0,116	0,286	0,002	0,007	0,124	FALSE
-0,073	0,299	-0,001	0,008	0,060	FALSE
0,050	0,301	0,002	0,012	0,074	FALSE
0,002	0,317	0,000	0,013	0,011	FALSE
0,095	0,301	0,003	0,013	0,094	FALSE
0,097	0,290	0,003	0,012	0,095	FALSE
0,110	0,299	0,004	0,013	0,112	FALSE
-0,111	0,309	-0,003	0,009	0,117	FALSE
-0,089	0,306	-0,002	0,010	0,075	FALSE
0,032	0,301	0,001	0,006	0,032	FALSE
0,015	0,316	0,000	0,006	0,013	FALSE
0,087	0,295	0,001	0,009	0,057	FALSE
-0,010	0,314	-0,001	0,013	0,021	FALSE
-0,024	0,309	0,000	0,012	0,007	FALSE
-0,068	0,294	-0,004	0,012	0,125	FALSE
0,010	0,323	0,000	0,013	0,010	FALSE
-0,003	0,305	0,000	0,011	0,006	FALSE
0,098	0,306	0,003	0,012	0,096	FALSE
0,110	0,321	0,003	0,010	0,122	FALSE
-0,009	0,311	-0,001	0,013	0,027	FALSE
0,095	0,288	0,002	0,010	0,092	FALSE
0,092	0,297	0,003	0,012	0,083	FALSE
-0,089	0,308	-0,002	0,008	0,082	FALSE
-0,029	0,307	-0,001	0,009	0,048	FALSE
0,070	0,310	0,002	0,007	0,110	FALSE
0,067	0,299	0,002	0,007	0,112	FALSE
-0,046	0,317	-0,001	0,012	0,044	FALSE
0,068	0,307	0,001	0,007	0,068	FALSE
-0,055	0,298	-0,002	0,007	0,093	FALSE
0,087	0,300	0,002	0,007	0,107	FALSE
0,042	0,325	0,001	0,007	0,056	FALSE
-0,098	0,315	-0,003	0,009	0,125	FALSE
0,087	0,305	0,002	0,007	0,089	FALSE
0,064	0,309	0,001	0,007	0,051	FALSE
0,004	0,299	0,001	0,010	0,027	FALSE
-0,014	0,307	-0,001	0,012	0,022	FALSE
-0,070	0,319	-0,002	0,009	0,104	FALSE
-0,108	0,314	-0,004	0,010	0,152	FALSE
0,057	0,304	0,003	0,012	0,110	FALSE
0,022	0,308	0,001	0,008	0,026	FALSE
0,096	0,293	0,003	0,010	0,125	FALSE
0,034	0,319	0,002	0,013	0,042	FALSE
-0,067	0,311	-0,001	0,007	0,078	FALSE
0,021	0,301	0,001	0,007	0,037	FALSE
-0,100	0,308	-0,004	0,012	0,144	FALSE
0,093	0,309	0,002	0,009	0,111	FALSE
-0,030	0,297	-0,001	0,006	0,029	FALSE
-0,040	0,324	-0,001	0,008	0,065	FALSE
0,019	0,304	0,000	0,007	0,012	FALSE
0,017	0,303	0,001	0,010	0,034	FALSE
0,060	0,304	0,001	0,007	0,056	FALSE
-0,021	0,299	-0,001	0,007	0,034	FALSE

-0,009	0,314	-0,001	0,009	0,035	FALSE
-0,030	0,315	-0,001	0,010	0,030	FALSE
0,047	0,327	0,001	0,007	0,039	FALSE
0,012	0,308	0,000	0,007	0,017	FALSE
0,058	0,297	0,001	0,009	0,054	FALSE
0,157	0,292	0,005	0,009	0,238	FALSE
-0,099	0,312	-0,004	0,012	0,128	FALSE
0,011	0,304	0,001	0,009	0,024	FALSE
0,011	0,308	0,000	0,007	0,010	FALSE
-0,027	0,298	0,000	0,007	0,019	FALSE
0,222	0,311	0,005	0,007	0,313	FALSE
-0,062	0,302	-0,001	0,007	0,059	FALSE
-0,051	0,308	-0,002	0,013	0,063	FALSE
-0,027	0,308	-0,001	0,013	0,039	FALSE
0,078	0,305	0,002	0,007	0,120	FALSE
-0,070	0,301	-0,001	0,008	0,066	FALSE
-0,012	0,298	0,000	0,010	0,011	FALSE
0,005	0,307	0,000	0,009	0,008	FALSE
-0,074	0,313	-0,003	0,009	0,112	FALSE
-0,029	0,299	-0,001	0,011	0,021	FALSE
0,068	0,309	0,002	0,011	0,071	FALSE
0,079	0,315	0,003	0,012	0,086	FALSE
-0,089	0,298	-0,002	0,006	0,125	FALSE
0,025	0,303	0,000	0,007	0,020	FALSE
-0,076	0,300	-0,002	0,011	0,062	FALSE
-0,066	0,307	-0,002	0,012	0,058	FALSE
-0,107	0,306	-0,003	0,012	0,108	FALSE
0,046	0,314	0,001	0,008	0,059	FALSE
-0,094	0,303	-0,002	0,007	0,110	FALSE
0,012	0,303	0,000	0,007	0,017	FALSE
-0,112	0,298	-0,003	0,012	0,106	FALSE
-0,023	0,314	-0,001	0,013	0,035	FALSE
-0,049	0,314	-0,001	0,008	0,055	FALSE
0,034	0,312	0,001	0,010	0,049	FALSE
-0,055	0,306	-0,002	0,010	0,076	FALSE
-0,010	0,304	0,000	0,012	0,000	FALSE
-0,058	0,296	-0,002	0,011	0,067	FALSE
-0,141	0,295	-0,005	0,009	0,239	FALSE
-0,142	0,288	-0,004	0,008	0,212	FALSE
-0,033	0,315	-0,001	0,011	0,019	FALSE
-0,098	0,318	-0,005	0,012	0,159	FALSE
-0,124	0,313	-0,004	0,010	0,152	FALSE
0,109	0,308	0,004	0,012	0,150	FALSE
0,048	0,318	0,002	0,012	0,047	FALSE
0,069	0,319	0,002	0,012	0,067	FALSE
-0,088	0,306	-0,002	0,007	0,114	FALSE
-0,087	0,306	-0,002	0,006	0,108	FALSE
0,075	0,311	0,002	0,007	0,092	FALSE
0,056	0,311	0,001	0,007	0,067	FALSE
-0,004	0,304	0,000	0,006	0,015	FALSE
0,047	0,309	0,001	0,009	0,049	FALSE
0,028	0,307	0,002	0,012	0,065	FALSE
0,058	0,312	0,002	0,008	0,081	FALSE

-0,020	0,313	0,000	0,011	0,016	FALSE
0,038	0,318	0,001	0,012	0,027	FALSE
-0,014	0,294	-0,001	0,013	0,023	FALSE
0,002	0,289	0,000	0,010	0,011	FALSE
-0,122	0,310	-0,004	0,011	0,166	FALSE
0,167	0,297	0,005	0,007	0,301	FALSE
0,150	0,287	0,006	0,011	0,245	FALSE
0,060	0,319	0,002	0,011	0,078	FALSE
-0,029	0,295	0,000	0,010	0,009	FALSE
-0,029	0,294	0,000	0,008	0,005	FALSE
-0,109	0,307	-0,004	0,010	0,176	FALSE
0,026	0,308	0,001	0,011	0,018	FALSE
0,001	0,323	0,000	0,006	0,015	FALSE
-0,022	0,323	0,000	0,007	0,005	FALSE
0,056	0,306	0,001	0,013	0,039	FALSE
-0,007	0,298	0,000	0,008	0,002	FALSE
0,040	0,305	0,001	0,008	0,042	FALSE
0,097	0,307	0,002	0,008	0,119	FALSE
0,035	0,310	0,001	0,008	0,027	FALSE
0,007	0,313	-0,001	0,012	0,022	FALSE
-0,011	0,311	0,000	0,006	0,018	FALSE
0,032	0,302	0,000	0,012	0,007	FALSE
0,043	0,303	0,001	0,007	0,065	FALSE
0,046	0,309	0,000	0,013	0,007	FALSE
0,114	0,311	0,004	0,013	0,133	FALSE
-0,100	0,297	-0,002	0,006	0,093	FALSE
0,008	0,306	0,000	0,012	0,005	FALSE
0,012	0,318	0,002	0,012	0,049	FALSE
-0,018	0,296	0,000	0,010	0,010	FALSE
-0,056	0,318	-0,002	0,007	0,095	FALSE
0,082	0,317	0,002	0,007	0,093	FALSE
-0,145	0,298	-0,003	0,007	0,192	FALSE
-0,002	0,312	0,000	0,008	0,007	FALSE
-0,074	0,300	-0,004	0,013	0,127	FALSE
-0,131	0,308	-0,003	0,008	0,169	FALSE
-0,197	0,297	-0,004	0,007	0,269	FALSE
0,057	0,304	0,001	0,007	0,058	FALSE
0,074	0,300	0,003	0,012	0,100	FALSE
-0,054	0,305	-0,001	0,010	0,047	FALSE
0,044	0,309	0,001	0,006	0,050	FALSE
0,112	0,292	0,003	0,007	0,150	FALSE
-0,026	0,306	-0,001	0,009	0,055	FALSE
-0,069	0,313	-0,002	0,007	0,091	FALSE
0,001	0,300	0,000	0,007	0,004	FALSE
-0,032	0,309	0,000	0,008	0,004	FALSE
-0,020	0,298	0,000	0,007	0,000	FALSE
-0,028	0,291	0,000	0,007	0,005	FALSE
-0,075	0,309	-0,002	0,013	0,066	FALSE
0,021	0,314	0,001	0,014	0,021	FALSE
0,064	0,311	0,002	0,008	0,081	FALSE
-0,051	0,318	-0,001	0,009	0,064	FALSE
-0,127	0,292	-0,004	0,010	0,171	FALSE
0,003	0,301	-0,001	0,011	0,018	FALSE

0,113	0,281	0,005	0,011	0,208	FALSE
-0,125	0,313	-0,004	0,010	0,137	FALSE
-0,029	0,310	-0,001	0,007	0,047	FALSE
-0,026	0,311	-0,001	0,008	0,039	FALSE
0,074	0,290	0,001	0,008	0,067	FALSE
0,118	0,297	0,003	0,007	0,183	FALSE
0,162	0,304	0,005	0,008	0,249	FALSE
-0,146	0,303	-0,003	0,006	0,192	FALSE
0,087	0,308	0,003	0,011	0,102	FALSE
-0,030	0,306	-0,001	0,013	0,037	FALSE
0,036	0,305	0,001	0,010	0,040	FALSE
0,008	0,309	0,000	0,007	0,017	FALSE
-0,051	0,317	-0,001	0,009	0,038	FALSE
0,000	0,309	0,000	0,008	0,009	FALSE
0,034	0,296	0,002	0,012	0,070	FALSE
0,007	0,299	0,002	0,008	0,070	FALSE
-0,043	0,314	-0,001	0,007	0,029	FALSE
-0,028	0,305	0,000	0,009	0,009	FALSE
-0,025	0,316	0,000	0,006	0,000	FALSE
-0,166	0,283	-0,005	0,009	0,218	FALSE
-0,054	0,307	-0,002	0,011	0,071	FALSE
0,119	0,316	0,003	0,009	0,151	FALSE
-0,039	0,306	0,000	0,006	0,023	FALSE
0,000	0,311	0,000	0,009	0,003	FALSE
-0,026	0,316	0,000	0,007	0,010	FALSE
0,092	0,315	0,002	0,007	0,092	FALSE
-0,018	0,323	0,000	0,013	0,001	FALSE
-0,009	0,303	0,000	0,011	0,010	FALSE
-0,029	0,310	0,000	0,011	0,012	FALSE
0,087	0,303	0,002	0,007	0,082	FALSE
-0,126	0,316	-0,004	0,007	0,203	FALSE
-0,035	0,306	-0,001	0,006	0,068	FALSE
0,129	0,284	0,005	0,012	0,184	FALSE
0,145	0,292	0,003	0,007	0,197	FALSE
-0,094	0,302	-0,002	0,011	0,079	FALSE
0,217	0,302	0,008	0,012	0,325	FALSE
0,094	0,301	0,003	0,009	0,157	FALSE
-0,019	0,328	-0,001	0,007	0,035	FALSE
-0,169	0,290	-0,006	0,010	0,236	FALSE
-0,065	0,303	-0,002	0,010	0,076	FALSE
-0,007	0,301	0,000	0,006	0,006	FALSE
0,080	0,299	0,004	0,012	0,130	FALSE
-0,033	0,288	-0,002	0,012	0,067	FALSE
-0,047	0,315	-0,002	0,010	0,062	FALSE
0,089	0,305	0,004	0,013	0,105	FALSE
-0,080	0,297	-0,002	0,012	0,080	FALSE
0,016	0,306	0,001	0,007	0,026	FALSE
-0,046	0,315	-0,001	0,008	0,060	FALSE
-0,134	0,313	-0,004	0,011	0,149	FALSE
-0,006	0,300	0,000	0,012	0,011	FALSE
0,077	0,297	0,004	0,013	0,108	FALSE
0,088	0,292	0,004	0,012	0,136	FALSE
-0,069	0,309	-0,001	0,007	0,075	FALSE

-0,045	0,310	-0,001	0,008	0,042	FALSE
-0,006	0,297	0,001	0,010	0,019	FALSE
-0,033	0,306	-0,001	0,008	0,034	FALSE
-0,036	0,302	-0,001	0,008	0,039	FALSE
-0,014	0,323	-0,001	0,012	0,019	FALSE
-0,013	0,318	-0,001	0,013	0,033	FALSE
0,085	0,305	0,003	0,011	0,109	FALSE
0,047	0,305	0,002	0,011	0,058	FALSE
0,003	0,296	0,000	0,007	0,014	FALSE
0,151	0,298	0,004	0,008	0,173	FALSE
-0,043	0,308	-0,002	0,009	0,077	FALSE
-0,008	0,313	0,000	0,009	0,005	FALSE
-0,110	0,299	-0,006	0,012	0,221	FALSE
-0,018	0,311	0,000	0,007	0,004	FALSE
-0,070	0,313	-0,003	0,011	0,091	FALSE
-0,149	0,289	-0,005	0,009	0,224	FALSE
-0,062	0,310	-0,002	0,008	0,095	FALSE
0,032	0,310	0,001	0,009	0,027	FALSE
-0,040	0,293	-0,001	0,008	0,049	FALSE
-0,006	0,300	0,000	0,007	0,012	FALSE
0,001	0,299	0,000	0,011	0,008	FALSE
-0,017	0,305	-0,001	0,010	0,022	FALSE
-0,122	0,295	-0,003	0,007	0,190	FALSE
0,020	0,312	0,001	0,009	0,026	FALSE
0,004	0,306	0,000	0,013	0,011	FALSE
-0,171	0,291	-0,007	0,012	0,254	FALSE
-0,110	0,302	-0,005	0,011	0,181	FALSE
-0,025	0,312	0,000	0,009	0,013	FALSE
0,095	0,309	0,004	0,011	0,131	FALSE
-0,008	0,307	0,001	0,011	0,017	FALSE
-0,013	0,318	0,000	0,012	0,006	FALSE
-0,146	0,318	-0,004	0,008	0,209	FALSE
-0,045	0,319	0,000	0,010	0,009	FALSE
-0,023	0,297	0,000	0,009	0,018	FALSE
0,024	0,315	0,000	0,013	0,010	FALSE
0,057	0,312	0,001	0,010	0,027	FALSE
-0,075	0,280	-0,003	0,011	0,092	FALSE
0,013	0,304	0,001	0,010	0,018	FALSE
0,002	0,290	0,000	0,012	0,004	FALSE
-0,050	0,306	-0,002	0,012	0,072	FALSE
0,014	0,306	0,001	0,011	0,022	FALSE
0,012	0,321	0,000	0,010	0,015	FALSE
-0,049	0,288	-0,001	0,006	0,038	FALSE
-0,048	0,308	-0,001	0,008	0,033	FALSE
-0,126	0,293	-0,003	0,008	0,177	FALSE
-0,155	0,301	-0,004	0,007	0,212	FALSE
0,010	0,307	0,000	0,006	0,006	FALSE
0,057	0,316	0,001	0,009	0,054	FALSE
-0,019	0,302	0,000	0,012	0,005	FALSE
0,099	0,308	0,002	0,007	0,096	FALSE
-0,054	0,299	-0,001	0,010	0,038	FALSE
0,108	0,311	0,003	0,007	0,141	FALSE
-0,058	0,314	-0,001	0,006	0,075	FALSE

0,050	0,322	0,003	0,013	0,091	FALSE
-0,091	0,312	-0,003	0,008	0,130	FALSE
-0,035	0,318	-0,001	0,006	0,059	FALSE
0,067	0,313	0,003	0,013	0,094	FALSE
-0,028	0,302	-0,002	0,010	0,067	FALSE
-0,062	0,315	-0,003	0,009	0,115	FALSE
-0,040	0,319	-0,001	0,009	0,046	FALSE
-0,096	0,309	-0,005	0,013	0,151	FALSE
0,121	0,317	0,004	0,009	0,179	FALSE
0,075	0,303	0,002	0,009	0,109	FALSE
-0,130	0,323	-0,004	0,010	0,172	FALSE
0,039	0,308	0,000	0,007	0,023	FALSE
-0,069	0,296	-0,001	0,006	0,069	FALSE
-0,060	0,315	-0,002	0,007	0,080	FALSE
0,113	0,312	0,003	0,007	0,177	FALSE
-0,016	0,316	-0,001	0,009	0,047	FALSE
-0,025	0,313	-0,002	0,012	0,069	FALSE
0,029	0,313	0,001	0,008	0,048	FALSE
-0,142	0,314	-0,006	0,013	0,189	FALSE
-0,108	0,305	-0,005	0,012	0,163	FALSE
-0,146	0,309	-0,006	0,012	0,197	FALSE
0,060	0,322	0,002	0,010	0,063	FALSE
0,137	0,309	0,006	0,013	0,201	FALSE
-0,161	0,308	-0,006	0,011	0,243	FALSE
0,038	0,302	0,001	0,007	0,042	FALSE
-0,060	0,312	-0,002	0,011	0,084	FALSE
-0,148	0,298	-0,004	0,011	0,156	FALSE
0,011	0,319	0,000	0,007	0,016	FALSE
-0,147	0,304	-0,005	0,011	0,181	FALSE
0,002	0,310	0,001	0,009	0,026	FALSE
0,054	0,290	0,001	0,011	0,046	FALSE
-0,061	0,309	-0,001	0,007	0,066	FALSE
0,100	0,322	0,003	0,009	0,135	FALSE
-0,008	0,296	0,000	0,006	0,014	FALSE
-0,032	0,291	-0,001	0,010	0,024	FALSE
0,136	0,284	0,004	0,011	0,160	FALSE
-0,046	0,310	-0,001	0,007	0,072	FALSE
-0,163	0,309	-0,006	0,012	0,232	FALSE
-0,164	0,297	-0,005	0,009	0,222	FALSE
-0,147	0,293	-0,004	0,008	0,207	FALSE
-0,143	0,314	-0,004	0,008	0,184	FALSE
-0,141	0,286	-0,004	0,008	0,201	FALSE
-0,082	0,303	-0,003	0,011	0,092	FALSE
-0,002	0,306	0,000	0,007	0,012	FALSE
0,067	0,320	0,001	0,007	0,064	FALSE
0,060	0,314	0,002	0,007	0,085	FALSE
-0,012	0,316	0,000	0,011	0,006	FALSE
-0,050	0,313	-0,001	0,008	0,050	FALSE
-0,059	0,315	-0,002	0,008	0,075	FALSE
-0,079	0,298	-0,001	0,006	0,060	FALSE
-0,060	0,300	-0,003	0,013	0,098	FALSE
-0,090	0,306	-0,002	0,008	0,096	FALSE
-0,048	0,318	-0,003	0,013	0,079	FALSE

-0,030	0,305	-0,001	0,013	0,014	FALSE
-0,041	0,306	-0,001	0,012	0,016	FALSE
-0,004	0,302	0,000	0,007	0,025	FALSE
0,028	0,302	0,001	0,010	0,027	FALSE
0,105	0,312	0,002	0,007	0,130	FALSE
0,179	0,299	0,006	0,009	0,256	FALSE
0,003	0,307	0,000	0,013	0,013	FALSE
0,140	0,305	0,005	0,009	0,227	FALSE
-0,130	0,304	-0,005	0,013	0,165	FALSE
-0,119	0,317	-0,005	0,013	0,159	FALSE
0,194	0,311	0,007	0,010	0,324	FALSE
-0,035	0,301	-0,002	0,013	0,049	FALSE
-0,148	0,290	-0,008	0,013	0,268	FALSE
0,033	0,321	0,001	0,007	0,061	FALSE
-0,009	0,308	0,000	0,008	0,017	FALSE
-0,071	0,294	-0,002	0,008	0,093	FALSE
0,004	0,310	0,000	0,007	0,010	FALSE
0,168	0,303	0,005	0,010	0,228	FALSE
-0,056	0,312	-0,002	0,011	0,055	FALSE
0,012	0,319	0,001	0,007	0,029	FALSE
0,049	0,325	0,003	0,013	0,078	FALSE
0,105	0,290	0,002	0,007	0,124	FALSE
0,006	0,314	0,000	0,006	0,015	FALSE
-0,025	0,319	-0,001	0,009	0,033	FALSE
-0,057	0,303	-0,002	0,012	0,056	FALSE
-0,005	0,308	0,000	0,009	0,004	FALSE
0,015	0,299	0,000	0,007	0,006	FALSE
0,041	0,315	0,002	0,012	0,081	FALSE
-0,008	0,317	0,001	0,012	0,021	FALSE
0,164	0,299	0,004	0,009	0,200	FALSE
0,055	0,302	0,001	0,006	0,063	FALSE
0,072	0,298	0,002	0,007	0,116	FALSE
-0,041	0,312	-0,001	0,013	0,039	FALSE
0,084	0,309	0,003	0,009	0,116	FALSE
0,023	0,297	0,001	0,007	0,034	FALSE
0,060	0,304	0,003	0,012	0,081	FALSE
0,025	0,306	0,000	0,007	0,019	FALSE
0,004	0,311	0,000	0,011	0,002	FALSE
-0,012	0,301	0,000	0,006	0,013	FALSE
0,046	0,306	0,002	0,011	0,064	FALSE
-0,072	0,303	-0,001	0,011	0,043	FALSE
-0,054	0,309	-0,001	0,008	0,059	FALSE
0,110	0,298	0,003	0,008	0,149	FALSE
-0,153	0,302	-0,005	0,009	0,238	FALSE
0,072	0,321	0,002	0,007	0,105	FALSE
0,044	0,318	0,002	0,010	0,076	FALSE
0,035	0,308	0,001	0,007	0,060	FALSE
-0,013	0,311	0,000	0,007	0,020	FALSE
0,040	0,314	0,001	0,011	0,038	FALSE
-0,027	0,305	0,000	0,006	0,015	FALSE
-0,085	0,315	-0,002	0,007	0,093	FALSE
-0,016	0,316	0,000	0,008	0,006	FALSE
0,037	0,309	0,001	0,011	0,047	FALSE

-0,090	0,288	-0,002	0,007	0,122	FALSE
-0,057	0,309	-0,002	0,010	0,072	FALSE
0,010	0,316	0,000	0,013	0,011	FALSE
0,045	0,311	0,001	0,007	0,035	FALSE
-0,023	0,308	0,000	0,008	0,022	FALSE
-0,002	0,310	0,000	0,011	0,004	FALSE
0,024	0,317	0,001	0,008	0,022	FALSE
0,054	0,307	0,002	0,010	0,080	FALSE
-0,055	0,305	-0,003	0,012	0,089	FALSE
-0,048	0,312	-0,001	0,008	0,040	FALSE
0,092	0,310	0,004	0,011	0,133	FALSE
-0,044	0,312	-0,001	0,007	0,068	FALSE
-0,156	0,299	-0,007	0,013	0,230	FALSE
-0,205	0,289	-0,007	0,012	0,284	FALSE
-0,039	0,301	-0,001	0,009	0,030	FALSE
0,038	0,311	0,001	0,012	0,037	FALSE
0,062	0,302	0,001	0,007	0,065	FALSE
-0,159	0,302	-0,003	0,006	0,205	FALSE
-0,150	0,294	-0,004	0,008	0,193	FALSE
-0,118	0,307	-0,005	0,013	0,147	FALSE
0,062	0,305	0,001	0,008	0,040	FALSE
-0,068	0,309	-0,002	0,008	0,086	FALSE
0,053	0,322	0,001	0,008	0,039	FALSE
0,021	0,316	0,000	0,012	0,012	FALSE
-0,068	0,325	-0,001	0,007	0,072	FALSE
0,044	0,311	0,001	0,007	0,053	FALSE
0,057	0,303	0,003	0,010	0,107	FALSE
0,166	0,296	0,004	0,009	0,195	FALSE
0,158	0,283	0,004	0,008	0,207	FALSE
0,064	0,299	0,001	0,007	0,063	FALSE
0,121	0,297	0,003	0,009	0,141	FALSE
0,023	0,316	0,001	0,012	0,030	FALSE
0,018	0,307	0,001	0,012	0,026	FALSE
-0,111	0,310	-0,003	0,008	0,133	FALSE
0,068	0,309	0,003	0,012	0,095	FALSE
0,017	0,306	0,000	0,011	0,013	FALSE
-0,101	0,306	-0,004	0,011	0,147	FALSE
0,027	0,306	0,000	0,012	0,012	FALSE
-0,102	0,302	-0,005	0,013	0,144	FALSE
0,126	0,297	0,004	0,008	0,184	FALSE
0,138	0,307	0,006	0,013	0,190	FALSE
0,039	0,307	0,001	0,008	0,037	FALSE
0,090	0,305	0,002	0,007	0,103	FALSE
-0,055	0,318	-0,002	0,013	0,054	FALSE
0,080	0,317	0,002	0,010	0,074	FALSE
0,088	0,312	0,003	0,010	0,102	FALSE
0,058	0,308	0,003	0,009	0,104	FALSE
0,090	0,315	0,002	0,009	0,097	FALSE
-0,016	0,313	0,000	0,007	0,018	FALSE
0,056	0,303	0,002	0,010	0,066	FALSE
0,017	0,310	0,000	0,007	0,022	FALSE
0,061	0,312	0,002	0,011	0,060	FALSE
0,035	0,309	0,001	0,010	0,026	FALSE

0,135	0,298	0,003	0,007	0,190	FALSE
-0,054	0,290	-0,001	0,006	0,099	FALSE
-0,077	0,312	-0,002	0,006	0,114	FALSE
0,145	0,304	0,004	0,007	0,225	FALSE
-0,017	0,302	0,000	0,010	0,005	FALSE
0,148	0,313	0,006	0,013	0,194	FALSE
-0,022	0,314	0,000	0,010	0,000	FALSE
0,122	0,306	0,005	0,013	0,140	FALSE
-0,119	0,309	-0,003	0,008	0,163	FALSE
-0,088	0,311	-0,003	0,013	0,087	FALSE
-0,087	0,311	-0,003	0,013	0,098	FALSE
0,023	0,296	0,000	0,009	0,001	FALSE
-0,058	0,311	-0,003	0,013	0,075	FALSE
-0,132	0,304	-0,003	0,007	0,173	FALSE
-0,146	0,303	-0,005	0,010	0,193	FALSE
-0,127	0,319	-0,004	0,009	0,177	FALSE
-0,015	0,305	0,000	0,008	0,001	FALSE
-0,101	0,307	-0,002	0,008	0,105	FALSE
-0,077	0,309	-0,004	0,013	0,107	FALSE
0,034	0,318	0,001	0,013	0,035	FALSE
-0,058	0,309	-0,002	0,010	0,068	FALSE
-0,021	0,311	-0,002	0,013	0,045	FALSE
-0,042	0,300	-0,002	0,010	0,068	FALSE
0,018	0,309	0,000	0,008	0,005	FALSE
-0,055	0,307	-0,002	0,010	0,090	FALSE
-0,041	0,315	-0,002	0,012	0,059	FALSE
-0,059	0,310	-0,003	0,012	0,077	FALSE
0,041	0,307	0,001	0,013	0,034	FALSE
0,095	0,303	0,004	0,012	0,109	FALSE
-0,071	0,310	-0,003	0,013	0,082	FALSE
-0,108	0,312	-0,002	0,007	0,098	FALSE
-0,090	0,326	-0,005	0,013	0,137	FALSE
0,041	0,303	0,001	0,013	0,027	FALSE
-0,010	0,299	-0,001	0,009	0,038	FALSE
0,017	0,317	0,001	0,010	0,023	FALSE
-0,123	0,301	-0,005	0,012	0,164	FALSE
-0,137	0,300	-0,005	0,011	0,182	FALSE
-0,020	0,307	0,000	0,009	0,018	FALSE
0,050	0,338	0,002	0,011	0,083	FALSE
-0,015	0,298	-0,001	0,010	0,022	FALSE
0,016	0,305	0,000	0,008	0,020	FALSE
-0,058	0,296	-0,002	0,011	0,068	FALSE
-0,086	0,307	-0,003	0,009	0,109	FALSE
-0,044	0,300	-0,002	0,011	0,058	FALSE
0,077	0,312	0,002	0,009	0,067	FALSE
-0,130	0,289	-0,004	0,008	0,196	FALSE
-0,022	0,312	-0,001	0,009	0,048	FALSE
-0,003	0,312	0,000	0,007	0,011	FALSE
0,035	0,301	0,000	0,008	0,018	FALSE
0,057	0,310	0,002	0,008	0,092	FALSE
-0,126	0,305	-0,006	0,011	0,210	FALSE
0,100	0,309	0,002	0,007	0,135	FALSE
0,087	0,306	0,002	0,007	0,111	FALSE

-0,001	0,312	-0,001	0,013	0,028	FALSE
0,028	0,307	0,002	0,011	0,079	FALSE
0,058	0,286	0,003	0,011	0,124	FALSE
0,046	0,307	0,001	0,008	0,049	FALSE
-0,074	0,311	-0,003	0,011	0,089	FALSE
0,031	0,318	0,001	0,008	0,039	FALSE
-0,093	0,316	-0,002	0,008	0,117	FALSE
0,000	0,319	0,000	0,012	0,010	FALSE
-0,030	0,317	0,000	0,008	0,014	FALSE
0,112	0,309	0,004	0,011	0,141	FALSE
-0,056	0,298	-0,001	0,010	0,048	FALSE
-0,086	0,304	-0,002	0,010	0,081	FALSE
0,009	0,315	0,000	0,007	0,003	FALSE
0,118	0,299	0,003	0,008	0,170	FALSE
0,049	0,308	0,002	0,007	0,108	FALSE
-0,001	0,305	-0,001	0,013	0,019	FALSE
-0,041	0,311	-0,003	0,013	0,078	FALSE
-0,103	0,308	-0,005	0,013	0,161	FALSE
0,098	0,300	0,002	0,008	0,109	FALSE
0,122	0,296	0,003	0,007	0,155	FALSE
-0,101	0,309	-0,002	0,006	0,107	FALSE
-0,024	0,301	-0,001	0,012	0,022	FALSE
-0,005	0,314	0,000	0,011	0,002	FALSE
-0,020	0,317	0,000	0,011	0,002	FALSE
-0,040	0,305	-0,001	0,007	0,052	FALSE
0,001	0,311	0,000	0,011	0,002	FALSE
-0,001	0,304	0,000	0,012	0,009	FALSE
-0,047	0,324	-0,002	0,012	0,049	FALSE
0,030	0,305	0,001	0,012	0,028	FALSE
-0,032	0,320	-0,001	0,007	0,044	FALSE
0,022	0,297	0,000	0,013	0,006	FALSE
-0,035	0,310	-0,001	0,007	0,044	FALSE
0,041	0,309	0,001	0,010	0,043	FALSE
-0,001	0,301	0,000	0,012	0,001	FALSE
-0,065	0,321	-0,001	0,008	0,052	FALSE
-0,095	0,308	-0,003	0,008	0,126	FALSE
-0,062	0,301	-0,002	0,009	0,072	FALSE
-0,079	0,305	-0,003	0,010	0,111	FALSE
-0,025	0,307	-0,001	0,007	0,037	FALSE
0,041	0,321	0,001	0,006	0,070	FALSE
-0,061	0,305	-0,002	0,010	0,065	FALSE
-0,082	0,300	-0,003	0,011	0,107	FALSE
-0,064	0,307	-0,002	0,010	0,080	FALSE
-0,063	0,303	-0,001	0,007	0,049	FALSE
-0,161	0,309	-0,006	0,013	0,198	FALSE
0,110	0,303	0,003	0,008	0,125	FALSE
0,127	0,298	0,002	0,007	0,129	FALSE
-0,073	0,309	-0,003	0,010	0,093	FALSE
-0,001	0,295	0,001	0,007	0,038	FALSE
0,126	0,297	0,004	0,013	0,136	FALSE
-0,131	0,304	-0,004	0,009	0,192	FALSE
0,115	0,293	0,003	0,007	0,163	FALSE
0,076	0,315	0,003	0,011	0,107	FALSE

0,047	0,311	0,001	0,007	0,053	FALSE
0,048	0,321	0,001	0,008	0,060	FALSE
-0,016	0,318	-0,001	0,010	0,037	FALSE
0,011	0,313	0,000	0,007	0,006	FALSE
0,023	0,303	0,001	0,008	0,025	FALSE
-0,092	0,317	-0,004	0,012	0,144	FALSE
-0,053	0,330	-0,003	0,012	0,086	FALSE
-0,008	0,302	-0,001	0,008	0,039	FALSE
0,028	0,304	0,000	0,008	0,014	FALSE
0,020	0,302	0,001	0,009	0,021	FALSE
0,053	0,314	0,001	0,010	0,054	FALSE
0,122	0,312	0,004	0,012	0,125	FALSE
0,033	0,310	0,001	0,008	0,031	FALSE
-0,059	0,310	-0,001	0,007	0,047	FALSE
0,006	0,300	0,000	0,007	0,011	FALSE
0,079	0,313	0,002	0,006	0,134	FALSE
0,037	0,309	0,001	0,008	0,062	FALSE
0,081	0,301	0,003	0,012	0,116	FALSE
-0,173	0,302	-0,007	0,012	0,249	FALSE
0,110	0,330	0,003	0,010	0,122	FALSE
0,040	0,303	0,001	0,010	0,021	FALSE
-0,063	0,295	-0,002	0,012	0,071	FALSE
-0,016	0,308	0,000	0,007	0,023	FALSE
0,084	0,302	0,003	0,012	0,095	FALSE
0,002	0,322	0,000	0,013	0,012	FALSE
0,030	0,315	0,001	0,007	0,045	FALSE
-0,097	0,293	-0,004	0,013	0,135	FALSE
0,061	0,309	0,002	0,008	0,084	FALSE
0,033	0,309	0,001	0,007	0,035	FALSE
0,020	0,311	0,000	0,013	0,004	FALSE
-0,039	0,310	-0,002	0,010	0,063	FALSE
0,047	0,299	0,001	0,013	0,024	FALSE
-0,008	0,297	0,000	0,008	0,007	FALSE
-0,092	0,298	-0,003	0,013	0,093	FALSE
-0,086	0,308	-0,002	0,007	0,078	FALSE
-0,174	0,306	-0,006	0,012	0,196	FALSE
0,021	0,304	0,002	0,012	0,063	FALSE
0,139	0,303	0,004	0,009	0,158	FALSE
-0,107	0,288	-0,003	0,012	0,102	FALSE
-0,020	0,301	0,000	0,012	0,002	FALSE
0,015	0,315	0,000	0,009	0,007	FALSE
0,007	0,305	0,002	0,011	0,057	FALSE
0,018	0,309	0,001	0,007	0,040	FALSE
0,070	0,307	0,002	0,007	0,098	FALSE
0,045	0,309	0,001	0,011	0,049	FALSE
0,133	0,304	0,005	0,010	0,220	FALSE
-0,043	0,303	-0,001	0,007	0,029	FALSE
0,020	0,316	0,001	0,010	0,044	FALSE
-0,128	0,307	-0,003	0,007	0,170	FALSE
-0,080	0,303	-0,003	0,011	0,116	FALSE
-0,065	0,298	-0,002	0,012	0,072	FALSE
-0,081	0,313	-0,003	0,009	0,126	FALSE
-0,071	0,301	-0,003	0,009	0,119	FALSE

-0,080	0,306	-0,001	0,007	0,070	FALSE
-0,067	0,322	-0,002	0,007	0,086	FALSE
0,055	0,294	0,001	0,013	0,024	FALSE
0,008	0,299	-0,001	0,013	0,019	FALSE
0,031	0,309	0,000	0,007	0,008	FALSE
-0,092	0,309	-0,003	0,010	0,133	FALSE
0,068	0,295	0,002	0,012	0,071	FALSE
-0,070	0,307	-0,002	0,008	0,107	FALSE
-0,048	0,316	-0,002	0,013	0,069	FALSE
-0,020	0,300	-0,001	0,007	0,037	FALSE
-0,007	0,310	-0,001	0,011	0,018	FALSE
-0,009	0,309	-0,001	0,010	0,017	FALSE
0,096	0,319	0,003	0,011	0,117	FALSE
-0,095	0,308	-0,003	0,012	0,108	FALSE
0,020	0,302	0,000	0,009	0,013	FALSE
-0,047	0,317	-0,001	0,009	0,045	FALSE
0,171	0,310	0,005	0,009	0,251	FALSE
0,172	0,296	0,003	0,006	0,227	FALSE
0,023	0,313	0,001	0,008	0,028	FALSE
0,176	0,290	0,004	0,007	0,264	FALSE
0,006	0,317	0,000	0,009	0,006	FALSE
-0,022	0,312	0,000	0,009	0,019	FALSE
-0,013	0,312	0,000	0,009	0,005	FALSE
-0,115	0,296	-0,005	0,012	0,172	FALSE
-0,125	0,288	-0,006	0,012	0,190	FALSE
-0,123	0,301	-0,006	0,013	0,183	FALSE
-0,041	0,296	-0,001	0,009	0,048	FALSE
0,047	0,304	0,001	0,009	0,054	FALSE
0,117	0,287	0,005	0,012	0,178	FALSE
-0,120	0,296	-0,005	0,013	0,172	FALSE
-0,007	0,303	0,000	0,007	0,019	FALSE
0,063	0,316	0,001	0,011	0,043	FALSE
0,029	0,307	0,000	0,010	0,013	FALSE
-0,036	0,322	0,000	0,007	0,023	FALSE
0,058	0,321	0,001	0,013	0,033	FALSE
0,075	0,306	0,002	0,010	0,084	FALSE
0,062	0,300	0,002	0,010	0,064	FALSE
-0,012	0,307	0,000	0,007	0,010	FALSE
0,023	0,305	0,000	0,012	0,012	FALSE
-0,076	0,311	-0,002	0,010	0,091	FALSE
-0,036	0,302	-0,001	0,011	0,041	FALSE
-0,111	0,305	-0,004	0,010	0,155	FALSE
0,060	0,301	0,001	0,008	0,059	FALSE
0,030	0,322	0,000	0,011	0,001	FALSE
-0,082	0,316	-0,004	0,012	0,134	FALSE
0,060	0,316	0,003	0,010	0,099	FALSE
-0,028	0,314	0,000	0,007	0,012	FALSE
-0,001	0,316	0,000	0,009	0,006	FALSE
0,100	0,294	0,002	0,008	0,122	FALSE
-0,053	0,313	-0,001	0,007	0,036	FALSE
-0,040	0,325	-0,001	0,007	0,032	FALSE
0,041	0,288	0,001	0,008	0,027	FALSE
-0,048	0,311	-0,002	0,011	0,062	FALSE

0,016	0,302	0,001	0,010	0,033	FALSE
-0,164	0,289	-0,006	0,010	0,230	FALSE
-0,095	0,309	-0,004	0,013	0,112	FALSE
-0,151	0,313	-0,005	0,010	0,197	FALSE
-0,100	0,306	-0,003	0,010	0,113	FALSE
-0,002	0,303	-0,001	0,009	0,023	FALSE
-0,035	0,287	-0,001	0,012	0,040	FALSE
-0,041	0,314	-0,002	0,012	0,057	FALSE
-0,136	0,312	-0,005	0,012	0,185	FALSE
-0,111	0,298	-0,003	0,009	0,139	FALSE
-0,117	0,293	-0,007	0,013	0,230	FALSE
-0,030	0,297	-0,001	0,010	0,036	FALSE
0,074	0,284	0,004	0,012	0,110	FALSE
0,085	0,293	0,002	0,008	0,107	FALSE
-0,051	0,296	-0,003	0,010	0,102	FALSE
-0,105	0,309	-0,003	0,008	0,151	FALSE
0,007	0,292	-0,001	0,011	0,022	FALSE
-0,010	0,305	0,000	0,009	0,002	FALSE
-0,034	0,299	-0,001	0,007	0,050	FALSE
-0,014	0,316	0,000	0,012	0,013	FALSE
-0,063	0,310	-0,003	0,012	0,101	FALSE
0,110	0,296	0,004	0,010	0,158	FALSE
0,188	0,302	0,007	0,012	0,259	FALSE
0,174	0,296	0,005	0,009	0,252	FALSE
0,181	0,305	0,006	0,009	0,262	FALSE
0,122	0,313	0,004	0,010	0,181	FALSE
-0,001	0,296	0,001	0,012	0,028	FALSE
0,022	0,298	0,000	0,008	0,004	FALSE
-0,023	0,320	0,000	0,012	0,001	FALSE
0,170	0,304	0,007	0,011	0,270	FALSE
-0,047	0,312	0,000	0,008	0,020	FALSE
-0,095	0,294	-0,003	0,008	0,129	FALSE
0,002	0,306	0,001	0,013	0,039	FALSE
-0,030	0,303	0,000	0,006	0,024	FALSE
-0,023	0,301	-0,001	0,008	0,042	FALSE
0,037	0,313	0,001	0,008	0,065	FALSE
0,025	0,311	0,000	0,013	0,011	FALSE
0,134	0,318	0,003	0,008	0,163	FALSE
0,053	0,312	0,001	0,008	0,062	FALSE
-0,063	0,314	-0,002	0,009	0,077	FALSE
-0,037	0,309	-0,001	0,008	0,024	FALSE
0,110	0,294	0,003	0,011	0,122	FALSE
0,189	0,303	0,004	0,007	0,282	FALSE
0,203	0,297	0,007	0,011	0,284	FALSE
0,026	0,315	0,000	0,007	0,015	FALSE
-0,028	0,308	-0,001	0,013	0,025	FALSE
-0,082	0,301	-0,002	0,008	0,096	FALSE
-0,121	0,307	-0,004	0,010	0,142	FALSE
0,021	0,297	0,001	0,009	0,048	FALSE
0,006	0,307	0,000	0,011	0,008	FALSE
0,132	0,302	0,004	0,008	0,187	FALSE
0,084	0,305	0,003	0,010	0,119	FALSE
-0,083	0,318	-0,002	0,010	0,089	FALSE

-0,104	0,304	-0,004	0,010	0,163	FALSE
-0,109	0,307	-0,004	0,009	0,177	FALSE
-0,011	0,309	-0,001	0,012	0,017	FALSE
-0,015	0,305	-0,001	0,008	0,036	FALSE
0,062	0,297	0,001	0,008	0,054	FALSE
-0,134	0,302	-0,005	0,012	0,160	FALSE
-0,106	0,310	-0,004	0,013	0,126	FALSE
-0,076	0,308	-0,003	0,012	0,087	FALSE
-0,050	0,319	-0,002	0,008	0,069	FALSE
-0,038	0,312	-0,002	0,008	0,068	FALSE
-0,081	0,322	-0,002	0,009	0,066	FALSE
0,009	0,306	0,000	0,011	0,004	FALSE
-0,095	0,310	-0,002	0,009	0,099	FALSE
-0,003	0,307	-0,001	0,009	0,037	FALSE
-0,021	0,303	-0,001	0,012	0,029	FALSE
0,003	0,324	0,000	0,008	0,005	FALSE
-0,080	0,294	-0,002	0,008	0,117	FALSE
-0,055	0,305	-0,002	0,012	0,047	FALSE
-0,184	0,317	-0,008	0,012	0,299	FALSE
-0,077	0,306	-0,001	0,006	0,086	FALSE
-0,007	0,304	0,000	0,007	0,009	FALSE
-0,003	0,304	0,000	0,006	0,005	FALSE
-0,036	0,309	0,000	0,010	0,018	FALSE
-0,104	0,306	-0,003	0,007	0,135	FALSE
0,017	0,299	0,000	0,011	0,002	FALSE
0,060	0,304	0,002	0,009	0,078	FALSE
0,107	0,309	0,003	0,009	0,124	FALSE
-0,040	0,294	-0,001	0,010	0,039	FALSE
0,038	0,303	0,001	0,008	0,026	FALSE
-0,009	0,305	0,000	0,011	0,014	FALSE
-0,038	0,302	-0,002	0,013	0,050	FALSE
-0,068	0,303	-0,002	0,009	0,075	FALSE
-0,072	0,310	-0,002	0,009	0,092	FALSE
0,107	0,295	0,004	0,011	0,158	FALSE
0,000	0,305	0,000	0,007	0,015	FALSE
0,041	0,299	0,003	0,012	0,087	FALSE
-0,024	0,322	0,000	0,013	0,010	FALSE
-0,118	0,321	-0,003	0,007	0,158	FALSE
-0,018	0,300	-0,001	0,010	0,042	FALSE
-0,044	0,294	-0,001	0,007	0,076	FALSE
0,111	0,293	0,003	0,007	0,157	FALSE
0,090	0,302	0,002	0,007	0,114	FALSE
0,078	0,307	0,003	0,012	0,093	FALSE
0,032	0,309	0,002	0,013	0,068	FALSE
-0,051	0,322	-0,001	0,009	0,054	FALSE
-0,078	0,319	-0,002	0,010	0,083	FALSE
-0,028	0,321	-0,002	0,011	0,059	FALSE
0,025	0,307	0,001	0,011	0,022	FALSE
-0,038	0,311	-0,001	0,012	0,017	FALSE
0,048	0,306	0,002	0,012	0,069	FALSE
0,150	0,311	0,006	0,012	0,218	FALSE
0,067	0,306	0,002	0,010	0,057	FALSE
-0,102	0,301	-0,004	0,012	0,145	FALSE

0,050	0,308	0,002	0,006	0,090	FALSE
0,057	0,312	0,002	0,009	0,075	FALSE
-0,067	0,303	-0,001	0,007	0,076	FALSE
0,005	0,301	0,000	0,011	0,015	FALSE
-0,008	0,302	0,000	0,011	0,007	FALSE
-0,012	0,299	-0,001	0,007	0,027	FALSE
-0,002	0,319	0,000	0,013	0,007	FALSE
0,006	0,306	-0,001	0,013	0,026	FALSE
0,005	0,296	0,000	0,006	0,009	FALSE
0,050	0,301	0,001	0,006	0,046	FALSE
0,020	0,326	0,000	0,007	0,016	FALSE
0,052	0,312	0,002	0,009	0,107	FALSE
-0,166	0,305	-0,006	0,013	0,206	FALSE
-0,045	0,299	-0,002	0,012	0,056	FALSE
0,035	0,315	0,001	0,012	0,046	FALSE
0,009	0,306	0,000	0,010	0,011	FALSE
-0,005	0,299	0,000	0,013	0,006	FALSE
0,041	0,340	0,001	0,011	0,049	FALSE
0,051	0,317	0,001	0,012	0,045	FALSE
0,000	0,302	0,001	0,010	0,020	FALSE
-0,034	0,309	-0,001	0,010	0,036	FALSE
-0,041	0,320	-0,001	0,010	0,039	FALSE
-0,089	0,312	-0,004	0,013	0,123	FALSE
-0,092	0,319	-0,003	0,012	0,106	FALSE
-0,023	0,310	0,000	0,007	0,001	FALSE
0,048	0,304	0,001	0,008	0,043	FALSE
-0,005	0,312	0,000	0,012	0,001	FALSE
0,012	0,319	0,001	0,012	0,022	FALSE
0,008	0,307	0,000	0,011	0,012	FALSE
0,082	0,321	0,003	0,012	0,091	FALSE
0,020	0,290	0,001	0,010	0,024	FALSE
0,005	0,300	0,000	0,006	0,005	FALSE
0,126	0,292	0,004	0,009	0,186	FALSE
0,001	0,309	0,001	0,012	0,030	FALSE
-0,023	0,310	0,000	0,012	0,009	FALSE
0,060	0,323	0,002	0,010	0,083	FALSE
0,104	0,307	0,002	0,009	0,100	FALSE
0,023	0,313	0,001	0,013	0,029	FALSE
0,158	0,315	0,004	0,008	0,231	FALSE
0,040	0,301	0,001	0,006	0,083	FALSE
-0,028	0,315	0,000	0,008	0,014	FALSE
-0,041	0,283	0,000	0,011	0,003	FALSE
-0,065	0,324	-0,001	0,008	0,046	FALSE
-0,041	0,316	-0,001	0,007	0,039	FALSE
-0,050	0,314	-0,001	0,011	0,036	FALSE
-0,010	0,325	0,000	0,010	0,001	FALSE
-0,135	0,321	-0,006	0,014	0,169	FALSE
0,107	0,312	0,004	0,011	0,152	FALSE
-0,075	0,300	-0,003	0,011	0,116	FALSE
0,107	0,297	0,006	0,012	0,210	FALSE
0,004	0,293	0,000	0,010	0,005	FALSE
-0,006	0,309	0,000	0,008	0,008	FALSE
-0,041	0,307	-0,001	0,011	0,018	FALSE

-0,089	0,302	-0,003	0,012	0,090	FALSE
0,156	0,305	0,004	0,007	0,216	FALSE
0,077	0,304	0,002	0,009	0,084	FALSE
-0,062	0,303	-0,002	0,010	0,088	FALSE
0,039	0,299	0,001	0,007	0,049	FALSE
-0,014	0,313	-0,002	0,013	0,053	FALSE
-0,008	0,302	0,000	0,010	0,018	FALSE
-0,110	0,321	-0,003	0,008	0,118	FALSE
-0,053	0,319	-0,002	0,011	0,059	FALSE
0,122	0,312	0,005	0,011	0,179	FALSE
-0,123	0,314	-0,004	0,011	0,151	FALSE
-0,041	0,302	-0,002	0,011	0,068	FALSE
-0,079	0,302	-0,003	0,012	0,108	FALSE
0,092	0,321	0,003	0,008	0,134	FALSE
0,026	0,308	0,001	0,013	0,035	FALSE
0,035	0,302	0,001	0,012	0,039	FALSE
0,016	0,309	0,000	0,013	0,004	FALSE
-0,119	0,310	-0,003	0,008	0,159	FALSE
-0,027	0,307	-0,001	0,007	0,036	FALSE
-0,034	0,309	-0,002	0,011	0,052	FALSE
0,025	0,303	0,000	0,009	0,015	FALSE
-0,082	0,313	-0,002	0,009	0,086	FALSE
0,012	0,304	0,000	0,007	0,005	FALSE
-0,143	0,287	-0,005	0,011	0,203	FALSE
-0,150	0,318	-0,005	0,011	0,185	FALSE
0,044	0,310	0,001	0,010	0,054	FALSE
0,080	0,309	0,003	0,010	0,106	FALSE
0,030	0,296	0,002	0,008	0,077	FALSE
-0,182	0,291	-0,007	0,011	0,287	FALSE
0,020	0,309	0,002	0,013	0,049	FALSE
-0,042	0,316	-0,001	0,013	0,023	FALSE
-0,072	0,306	-0,002	0,011	0,050	FALSE
-0,140	0,296	-0,004	0,008	0,213	FALSE
0,081	0,303	0,003	0,010	0,099	FALSE
-0,001	0,314	0,000	0,011	0,009	FALSE
-0,060	0,302	-0,002	0,009	0,078	FALSE
-0,124	0,313	-0,002	0,006	0,141	FALSE
0,091	0,302	0,004	0,010	0,138	FALSE
0,025	0,312	0,000	0,007	0,013	FALSE
0,000	0,304	0,001	0,009	0,029	FALSE
0,089	0,318	0,002	0,007	0,126	FALSE
0,040	0,312	0,001	0,008	0,053	FALSE
-0,045	0,311	-0,001	0,009	0,047	FALSE
0,094	0,325	0,003	0,009	0,124	FALSE
-0,109	0,314	-0,003	0,009	0,150	FALSE
0,164	0,307	0,003	0,007	0,207	FALSE
0,037	0,306	0,001	0,009	0,043	FALSE
-0,082	0,321	-0,003	0,011	0,106	FALSE
-0,097	0,300	-0,003	0,010	0,130	FALSE
0,009	0,305	0,001	0,009	0,022	FALSE
-0,009	0,325	0,000	0,008	0,000	FALSE
0,113	0,303	0,005	0,013	0,147	FALSE
0,023	0,320	0,001	0,008	0,033	FALSE

-0,054	0,322	-0,003	0,013	0,077	FALSE
0,054	0,312	0,002	0,011	0,060	FALSE
0,035	0,294	0,002	0,011	0,061	FALSE
0,092	0,296	0,002	0,011	0,077	FALSE
0,082	0,318	0,004	0,012	0,129	FALSE
0,019	0,315	0,000	0,006	0,004	FALSE
0,021	0,314	0,000	0,006	0,005	FALSE
0,031	0,295	0,000	0,012	0,003	FALSE
-0,048	0,309	-0,002	0,010	0,059	FALSE
0,038	0,295	0,001	0,010	0,025	FALSE
-0,068	0,311	-0,003	0,012	0,111	FALSE
-0,051	0,300	-0,001	0,009	0,047	FALSE
-0,007	0,319	0,000	0,007	0,012	FALSE
-0,047	0,306	-0,001	0,009	0,044	FALSE
-0,059	0,318	-0,001	0,007	0,048	FALSE
-0,024	0,321	-0,001	0,008	0,023	FALSE
-0,055	0,313	-0,001	0,007	0,053	FALSE
-0,067	0,320	-0,002	0,009	0,068	FALSE
-0,048	0,303	-0,001	0,008	0,046	FALSE
-0,027	0,296	-0,001	0,008	0,030	FALSE
-0,069	0,311	-0,001	0,008	0,069	FALSE
-0,085	0,300	-0,002	0,008	0,101	FALSE
0,046	0,318	0,003	0,012	0,081	FALSE
0,017	0,305	0,001	0,008	0,023	FALSE
-0,068	0,311	-0,002	0,008	0,074	FALSE
-0,077	0,304	-0,002	0,008	0,079	FALSE
-0,036	0,318	-0,001	0,009	0,028	FALSE
-0,049	0,317	-0,001	0,010	0,049	FALSE
-0,016	0,309	0,000	0,007	0,011	FALSE
0,110	0,321	0,005	0,012	0,161	FALSE
0,019	0,292	0,001	0,009	0,033	FALSE
0,062	0,288	0,002	0,009	0,068	FALSE
0,069	0,296	0,002	0,011	0,070	FALSE
-0,055	0,303	-0,001	0,007	0,076	FALSE
-0,040	0,301	-0,001	0,008	0,037	FALSE
-0,049	0,308	-0,002	0,012	0,078	FALSE
0,087	0,303	0,002	0,009	0,095	FALSE
-0,053	0,294	-0,001	0,007	0,049	FALSE
0,062	0,313	0,002	0,008	0,075	FALSE
0,025	0,319	0,001	0,008	0,039	FALSE
-0,044	0,324	-0,001	0,009	0,036	FALSE
-0,067	0,293	-0,002	0,007	0,091	FALSE
0,042	0,315	0,001	0,006	0,046	FALSE
-0,088	0,308	-0,003	0,013	0,089	FALSE
-0,048	0,304	-0,002	0,012	0,065	FALSE
-0,071	0,309	-0,002	0,007	0,113	FALSE
0,113	0,289	0,004	0,012	0,141	FALSE
0,086	0,308	0,003	0,011	0,103	FALSE
0,000	0,301	0,000	0,008	0,002	FALSE
0,000	0,305	0,000	0,008	0,002	FALSE
0,098	0,306	0,003	0,009	0,132	FALSE
0,050	0,310	0,002	0,011	0,056	FALSE
0,099	0,296	0,003	0,008	0,157	FALSE

0,081	0,311	0,002	0,008	0,104	FALSE
0,072	0,310	0,002	0,008	0,104	FALSE
-0,073	0,300	-0,002	0,011	0,085	FALSE
0,053	0,308	0,002	0,010	0,060	FALSE
-0,060	0,316	-0,002	0,011	0,069	FALSE
-0,067	0,300	-0,003	0,010	0,098	FALSE
0,056	0,310	0,003	0,011	0,087	FALSE
0,121	0,302	0,005	0,011	0,170	FALSE
-0,069	0,298	-0,002	0,010	0,086	FALSE
-0,017	0,312	-0,001	0,010	0,018	FALSE
-0,081	0,303	-0,003	0,010	0,109	FALSE
0,124	0,311	0,005	0,011	0,190	FALSE
-0,079	0,312	-0,002	0,008	0,098	FALSE
0,113	0,292	0,003	0,007	0,148	FALSE
-0,059	0,306	-0,002	0,008	0,082	FALSE
-0,021	0,309	0,000	0,012	0,007	FALSE
-0,021	0,309	0,000	0,008	0,020	FALSE
-0,067	0,313	-0,001	0,007	0,081	FALSE
-0,013	0,321	-0,001	0,012	0,028	FALSE
-0,094	0,311	-0,003	0,009	0,137	FALSE
-0,063	0,303	-0,001	0,008	0,062	FALSE
0,055	0,307	0,002	0,012	0,071	FALSE
-0,050	0,307	-0,002	0,013	0,057	FALSE
0,027	0,293	0,001	0,008	0,061	FALSE
0,060	0,306	0,001	0,008	0,062	FALSE
0,023	0,306	0,000	0,008	0,001	FALSE
-0,053	0,312	-0,001	0,008	0,044	FALSE
0,037	0,316	0,001	0,009	0,043	FALSE
0,031	0,303	0,001	0,008	0,030	FALSE
0,138	0,311	0,004	0,009	0,206	FALSE
-0,064	0,312	-0,001	0,006	0,057	FALSE
0,107	0,298	0,005	0,011	0,187	FALSE
-0,048	0,315	-0,001	0,006	0,037	FALSE
-0,049	0,315	-0,001	0,006	0,044	FALSE
0,014	0,314	0,000	0,007	0,020	FALSE
-0,017	0,309	0,000	0,007	0,002	FALSE
0,079	0,304	0,002	0,008	0,111	FALSE
-0,058	0,308	-0,002	0,009	0,096	FALSE
0,118	0,304	0,003	0,007	0,153	FALSE
0,013	0,309	0,002	0,013	0,057	FALSE
-0,073	0,298	-0,002	0,006	0,106	FALSE
-0,065	0,312	-0,002	0,008	0,105	FALSE
0,010	0,310	0,001	0,011	0,048	FALSE
0,005	0,310	-0,001	0,007	0,033	FALSE
0,067	0,298	0,001	0,010	0,033	FALSE
-0,035	0,305	-0,001	0,007	0,079	FALSE
0,023	0,307	0,001	0,012	0,027	FALSE
0,079	0,313	0,002	0,008	0,080	FALSE
0,035	0,301	0,001	0,012	0,033	FALSE
-0,079	0,310	-0,002	0,008	0,090	FALSE
-0,030	0,307	-0,001	0,008	0,040	FALSE
0,025	0,294	0,001	0,010	0,039	FALSE
0,044	0,304	0,001	0,009	0,042	FALSE

0,004	0,296	0,000	0,007	0,006	FALSE
0,043	0,308	0,001	0,013	0,028	FALSE
-0,027	0,288	-0,002	0,011	0,053	FALSE
-0,083	0,307	-0,004	0,012	0,124	FALSE
0,007	0,323	0,000	0,007	0,003	FALSE
-0,092	0,328	-0,004	0,013	0,124	FALSE
0,107	0,296	0,005	0,012	0,150	FALSE
-0,044	0,321	-0,001	0,007	0,056	FALSE
0,030	0,307	0,002	0,012	0,059	FALSE
-0,019	0,299	-0,001	0,010	0,027	FALSE
0,041	0,320	0,002	0,012	0,078	FALSE
0,013	0,297	0,001	0,013	0,033	FALSE
-0,004	0,288	0,000	0,013	0,001	FALSE
0,007	0,304	0,000	0,007	0,012	FALSE
-0,038	0,308	-0,001	0,008	0,059	FALSE
0,096	0,307	0,004	0,010	0,147	FALSE
-0,101	0,305	-0,002	0,006	0,153	FALSE
-0,040	0,299	-0,001	0,008	0,036	FALSE
0,088	0,302	0,004	0,010	0,162	FALSE
-0,023	0,317	-0,001	0,008	0,023	FALSE
-0,105	0,313	-0,003	0,007	0,164	FALSE
-0,044	0,314	-0,001	0,008	0,036	FALSE
-0,142	0,300	-0,004	0,008	0,193	FALSE
-0,137	0,302	-0,003	0,007	0,163	FALSE
0,064	0,306	0,002	0,009	0,102	FALSE
-0,011	0,318	0,000	0,008	0,021	FALSE
-0,031	0,296	0,000	0,007	0,011	FALSE
-0,046	0,318	-0,001	0,007	0,024	FALSE
-0,033	0,317	-0,001	0,009	0,037	FALSE
0,000	0,307	0,000	0,011	0,010	FALSE
-0,026	0,306	-0,001	0,009	0,029	FALSE
0,015	0,312	0,000	0,009	0,009	FALSE
0,021	0,326	0,001	0,008	0,043	FALSE
-0,013	0,314	-0,001	0,011	0,025	FALSE
-0,045	0,307	-0,002	0,010	0,065	FALSE
0,018	0,313	0,000	0,013	0,012	FALSE
-0,076	0,301	-0,002	0,007	0,105	FALSE
-0,023	0,307	-0,001	0,011	0,021	FALSE
0,017	0,310	0,000	0,007	0,014	FALSE
-0,183	0,313	-0,003	0,007	0,204	FALSE
0,046	0,314	0,001	0,008	0,051	FALSE
0,203	0,295	0,008	0,012	0,305	FALSE
0,188	0,298	0,008	0,012	0,271	FALSE
0,071	0,292	0,004	0,011	0,135	FALSE
0,131	0,310	0,003	0,007	0,191	FALSE
-0,074	0,308	-0,003	0,011	0,097	FALSE
-0,102	0,316	-0,004	0,012	0,116	FALSE
-0,083	0,300	-0,003	0,009	0,117	FALSE
0,070	0,300	0,002	0,011	0,080	FALSE
-0,093	0,300	-0,003	0,013	0,105	FALSE
0,125	0,297	0,003	0,010	0,132	FALSE
0,128	0,293	0,004	0,010	0,155	FALSE
-0,065	0,304	-0,002	0,012	0,051	FALSE

0,091	0,307	0,003	0,010	0,136	FALSE
-0,020	0,306	-0,001	0,008	0,033	FALSE
0,098	0,293	0,003	0,011	0,085	FALSE
-0,048	0,317	-0,001	0,007	0,038	FALSE
-0,077	0,321	-0,004	0,013	0,121	FALSE
0,083	0,305	0,002	0,008	0,107	FALSE
0,059	0,308	0,002	0,013	0,065	FALSE
-0,003	0,301	-0,001	0,009	0,041	FALSE
-0,123	0,303	-0,003	0,007	0,187	FALSE
-0,023	0,301	-0,001	0,008	0,026	FALSE
-0,069	0,308	-0,003	0,012	0,080	FALSE
0,007	0,305	0,000	0,009	0,007	FALSE
-0,091	0,298	-0,004	0,012	0,156	FALSE
-0,060	0,302	-0,003	0,012	0,081	FALSE
-0,093	0,303	-0,004	0,010	0,167	FALSE
-0,095	0,299	-0,005	0,010	0,189	FALSE
-0,036	0,293	-0,001	0,007	0,032	FALSE
-0,024	0,289	0,000	0,006	0,026	FALSE
-0,065	0,298	-0,002	0,007	0,118	FALSE
0,003	0,303	0,000	0,012	0,004	FALSE
0,092	0,300	0,003	0,012	0,101	FALSE
-0,025	0,289	-0,001	0,009	0,059	FALSE
0,040	0,300	0,000	0,013	0,013	FALSE
0,043	0,305	0,001	0,008	0,033	FALSE
0,010	0,303	0,001	0,013	0,017	FALSE
0,098	0,305	0,003	0,009	0,125	FALSE
0,096	0,303	0,003	0,012	0,111	FALSE
0,113	0,286	0,004	0,011	0,122	FALSE
0,032	0,293	0,000	0,006	0,018	FALSE
0,021	0,309	0,001	0,008	0,028	FALSE
-0,057	0,300	-0,001	0,009	0,022	FALSE
0,056	0,310	0,000	0,007	0,024	FALSE
0,002	0,306	0,000	0,007	0,013	FALSE
0,037	0,311	0,001	0,013	0,037	FALSE
-0,149	0,306	-0,003	0,007	0,213	FALSE
0,009	0,307	0,000	0,008	0,004	FALSE
0,108	0,307	0,004	0,012	0,153	FALSE
0,028	0,315	0,000	0,008	0,012	FALSE
0,032	0,303	0,001	0,007	0,035	FALSE
-0,096	0,297	-0,003	0,008	0,142	FALSE
0,110	0,305	0,004	0,011	0,151	FALSE
0,073	0,302	0,002	0,010	0,088	FALSE
-0,064	0,305	-0,002	0,010	0,082	FALSE
0,156	0,307	0,006	0,011	0,262	FALSE
0,102	0,306	0,005	0,013	0,150	FALSE
0,041	0,307	0,001	0,007	0,066	FALSE
0,008	0,312	0,000	0,007	0,019	FALSE
0,004	0,313	0,001	0,010	0,025	FALSE
0,064	0,305	0,002	0,008	0,082	FALSE
-0,110	0,310	-0,002	0,009	0,105	FALSE
-0,010	0,315	0,000	0,007	0,011	FALSE
0,047	0,301	0,001	0,010	0,035	FALSE
0,097	0,309	0,002	0,007	0,106	FALSE

0,059	0,305	0,001	0,009	0,055	FALSE
0,104	0,310	0,003	0,011	0,103	FALSE
0,082	0,312	0,003	0,013	0,089	FALSE
0,028	0,315	0,001	0,011	0,018	FALSE
-0,011	0,305	0,000	0,008	0,000	FALSE
-0,001	0,320	0,000	0,012	0,003	FALSE
0,042	0,305	0,001	0,007	0,065	FALSE
0,038	0,316	0,001	0,007	0,049	FALSE
-0,079	0,303	-0,001	0,007	0,085	FALSE
0,036	0,304	0,002	0,009	0,077	FALSE
0,001	0,313	0,000	0,009	0,005	FALSE
-0,003	0,301	0,001	0,012	0,018	FALSE
-0,138	0,301	-0,003	0,007	0,197	FALSE
-0,137	0,298	-0,003	0,007	0,201	FALSE
-0,156	0,302	-0,004	0,007	0,222	FALSE
-0,153	0,297	-0,004	0,007	0,226	FALSE
-0,087	0,298	-0,004	0,012	0,116	FALSE
0,082	0,309	0,004	0,011	0,138	FALSE
0,029	0,312	0,000	0,007	0,002	FALSE
-0,038	0,303	-0,002	0,013	0,051	FALSE
-0,075	0,316	-0,002	0,010	0,064	FALSE
-0,073	0,312	-0,002	0,012	0,075	FALSE
0,031	0,311	0,002	0,013	0,047	FALSE
0,029	0,302	0,000	0,011	0,005	FALSE
-0,018	0,307	-0,001	0,012	0,015	FALSE
0,032	0,303	0,001	0,011	0,039	FALSE
-0,014	0,306	0,000	0,007	0,004	FALSE
0,049	0,296	0,001	0,007	0,071	FALSE
-0,003	0,302	0,000	0,007	0,005	FALSE
0,057	0,291	0,002	0,009	0,076	FALSE
-0,125	0,309	-0,003	0,007	0,150	FALSE
0,100	0,308	0,003	0,007	0,148	FALSE
-0,004	0,301	0,000	0,009	0,014	FALSE
0,019	0,296	0,001	0,012	0,028	FALSE
0,123	0,304	0,002	0,006	0,161	FALSE
-0,036	0,301	-0,001	0,007	0,035	FALSE
0,155	0,300	0,006	0,010	0,243	FALSE
0,154	0,296	0,005	0,010	0,229	FALSE
-0,058	0,310	-0,003	0,013	0,077	FALSE
-0,013	0,319	0,000	0,006	0,015	FALSE
-0,003	0,305	0,000	0,007	0,009	FALSE
0,099	0,314	0,004	0,013	0,111	FALSE
0,147	0,312	0,004	0,007	0,217	FALSE
0,042	0,310	0,001	0,010	0,036	FALSE
0,102	0,309	0,004	0,013	0,127	FALSE
-0,075	0,295	-0,003	0,009	0,112	FALSE
0,142	0,286	0,006	0,013	0,177	FALSE
-0,040	0,315	-0,001	0,011	0,038	FALSE
0,083	0,316	0,003	0,012	0,107	FALSE
-0,011	0,301	-0,001	0,008	0,027	FALSE
-0,130	0,312	-0,004	0,010	0,169	FALSE
-0,053	0,308	-0,001	0,012	0,033	FALSE
-0,002	0,318	0,000	0,009	0,015	FALSE

-0,087	0,304	-0,002	0,008	0,097	FALSE
-0,035	0,303	-0,001	0,010	0,053	FALSE
0,046	0,304	0,002	0,011	0,058	FALSE
0,022	0,297	0,001	0,009	0,026	FALSE
0,040	0,310	0,002	0,011	0,059	FALSE
-0,007	0,315	-0,001	0,011	0,019	FALSE
0,019	0,304	0,000	0,008	0,010	FALSE
0,119	0,296	0,002	0,007	0,126	FALSE
0,049	0,318	0,001	0,009	0,028	FALSE
0,003	0,314	0,000	0,008	0,016	FALSE
-0,153	0,306	-0,004	0,008	0,187	FALSE
0,126	0,309	0,003	0,008	0,167	FALSE
-0,112	0,310	-0,003	0,010	0,131	FALSE
0,008	0,303	0,000	0,008	0,001	FALSE
-0,173	0,285	-0,007	0,012	0,265	FALSE
-0,013	0,313	-0,001	0,008	0,043	FALSE
-0,126	0,295	-0,003	0,007	0,141	FALSE
-0,026	0,319	-0,001	0,012	0,037	FALSE
0,048	0,309	0,002	0,009	0,080	FALSE
-0,079	0,309	-0,003	0,010	0,103	FALSE
-0,007	0,305	0,000	0,012	0,003	FALSE
0,049	0,319	0,001	0,013	0,033	FALSE
-0,112	0,314	-0,003	0,008	0,169	FALSE
0,039	0,310	0,001	0,012	0,023	FALSE
-0,131	0,307	-0,003	0,008	0,135	FALSE
-0,010	0,306	-0,001	0,008	0,032	FALSE
-0,106	0,295	-0,004	0,011	0,150	FALSE
-0,079	0,299	-0,003	0,012	0,106	FALSE
-0,065	0,311	-0,003	0,013	0,096	FALSE
0,010	0,310	0,000	0,009	0,019	FALSE
-0,089	0,302	-0,002	0,007	0,120	FALSE
0,022	0,315	0,000	0,013	0,006	FALSE
0,025	0,310	0,001	0,012	0,032	FALSE
0,023	0,313	0,000	0,011	0,002	FALSE
-0,029	0,306	0,000	0,007	0,023	FALSE
0,060	0,305	0,002	0,010	0,088	FALSE
-0,107	0,304	-0,002	0,008	0,123	FALSE
0,033	0,303	0,002	0,011	0,050	FALSE
-0,066	0,329	-0,002	0,011	0,060	FALSE
0,073	0,302	0,002	0,010	0,088	FALSE
-0,109	0,300	-0,004	0,011	0,151	FALSE
0,024	0,313	0,001	0,011	0,024	FALSE
0,011	0,305	0,001	0,008	0,047	FALSE
-0,044	0,309	-0,001	0,011	0,034	FALSE
0,136	0,313	0,006	0,012	0,204	FALSE
-0,021	0,303	-0,002	0,012	0,054	FALSE
0,019	0,313	0,000	0,007	0,008	FALSE
0,127	0,302	0,005	0,011	0,189	FALSE
0,036	0,302	0,002	0,010	0,078	FALSE
-0,036	0,309	-0,002	0,012	0,048	FALSE
-0,004	0,306	0,000	0,012	0,004	FALSE
-0,053	0,302	-0,002	0,012	0,047	FALSE
-0,029	0,321	0,000	0,008	0,018	FALSE

-0,083	0,317	-0,002	0,008	0,080	FALSE
-0,065	0,305	-0,001	0,008	0,057	FALSE
-0,067	0,300	-0,002	0,011	0,073	FALSE
-0,022	0,324	0,000	0,009	0,003	FALSE
0,101	0,317	0,003	0,013	0,092	FALSE
-0,035	0,312	-0,002	0,012	0,071	FALSE
-0,154	0,306	-0,007	0,013	0,217	FALSE
-0,062	0,303	-0,001	0,007	0,055	FALSE
0,066	0,299	0,003	0,011	0,107	FALSE
-0,011	0,316	0,000	0,008	0,012	FALSE
-0,021	0,330	0,000	0,007	0,019	FALSE
0,105	0,316	0,004	0,012	0,129	FALSE
0,025	0,300	0,002	0,012	0,049	FALSE
-0,070	0,305	-0,001	0,008	0,061	FALSE
-0,111	0,311	-0,003	0,007	0,150	FALSE
0,111	0,306	0,004	0,009	0,167	FALSE
-0,011	0,314	0,000	0,009	0,012	FALSE
0,015	0,313	0,001	0,013	0,028	FALSE
0,146	0,312	0,004	0,010	0,163	FALSE
0,042	0,288	0,001	0,008	0,063	FALSE
-0,084	0,306	-0,003	0,008	0,140	FALSE
0,111	0,307	0,003	0,007	0,147	FALSE
-0,034	0,284	-0,001	0,010	0,045	FALSE
-0,057	0,312	-0,003	0,011	0,100	FALSE
-0,151	0,306	-0,006	0,011	0,219	FALSE
-0,166	0,291	-0,006	0,011	0,249	FALSE
-0,031	0,327	-0,002	0,011	0,061	FALSE
-0,052	0,311	-0,001	0,008	0,074	FALSE
0,050	0,307	0,002	0,007	0,106	FALSE
-0,115	0,310	-0,002	0,008	0,112	FALSE
-0,105	0,293	-0,002	0,008	0,111	FALSE
0,056	0,287	0,002	0,008	0,104	FALSE
-0,092	0,300	-0,002	0,009	0,085	FALSE
0,125	0,301	0,002	0,006	0,153	FALSE
0,088	0,306	0,004	0,013	0,125	FALSE
0,152	0,304	0,003	0,006	0,214	FALSE
0,120	0,301	0,003	0,006	0,167	FALSE
-0,067	0,302	-0,002	0,008	0,083	FALSE
0,164	0,301	0,004	0,006	0,246	FALSE
0,049	0,321	0,001	0,007	0,051	FALSE
0,087	0,305	0,002	0,008	0,110	FALSE
0,091	0,311	0,003	0,010	0,143	FALSE
-0,143	0,298	-0,005	0,011	0,185	FALSE
-0,040	0,303	-0,001	0,010	0,041	FALSE
0,152	0,297	0,004	0,008	0,208	FALSE
0,054	0,311	0,003	0,013	0,092	FALSE
-0,016	0,314	0,000	0,012	0,004	FALSE
-0,067	0,322	-0,002	0,011	0,072	FALSE
-0,042	0,316	-0,001	0,008	0,070	FALSE
-0,046	0,300	-0,001	0,007	0,076	FALSE
0,060	0,296	0,001	0,010	0,050	FALSE
0,013	0,298	0,000	0,006	0,013	FALSE
-0,062	0,305	-0,002	0,007	0,086	FALSE

0,147	0,314	0,006	0,013	0,175	FALSE
0,162	0,301	0,006	0,012	0,213	FALSE
0,162	0,322	0,007	0,014	0,198	FALSE
0,071	0,330	0,002	0,008	0,077	FALSE
0,068	0,309	0,002	0,007	0,088	FALSE
-0,038	0,320	-0,001	0,009	0,020	FALSE
-0,020	0,313	-0,001	0,007	0,037	FALSE
0,002	0,310	0,000	0,007	0,015	FALSE
0,255	0,282	0,011	0,012	0,433	FALSE
-0,107	0,318	-0,003	0,010	0,131	FALSE
0,022	0,307	0,000	0,008	0,008	FALSE
0,033	0,311	0,000	0,011	0,009	FALSE
0,102	0,313	0,003	0,009	0,130	FALSE
-0,014	0,307	-0,001	0,009	0,036	FALSE
0,036	0,311	0,001	0,007	0,046	FALSE
-0,134	0,294	-0,003	0,006	0,183	FALSE
0,109	0,308	0,004	0,010	0,149	FALSE
-0,060	0,316	-0,002	0,007	0,094	FALSE
-0,039	0,300	-0,001	0,006	0,043	FALSE
0,053	0,306	0,001	0,009	0,060	FALSE
0,033	0,317	0,001	0,010	0,043	FALSE
0,015	0,300	0,000	0,007	0,024	FALSE
-0,103	0,294	-0,002	0,007	0,106	FALSE
-0,094	0,305	-0,003	0,011	0,100	FALSE
0,090	0,315	0,003	0,011	0,110	FALSE
-0,190	0,302	-0,004	0,006	0,258	FALSE
0,061	0,293	0,002	0,011	0,052	FALSE
0,069	0,296	0,002	0,011	0,088	FALSE
-0,067	0,309	-0,002	0,008	0,112	FALSE
0,071	0,314	0,002	0,009	0,103	FALSE
0,094	0,297	0,002	0,008	0,097	FALSE
0,026	0,311	0,001	0,012	0,032	FALSE
-0,061	0,299	-0,003	0,012	0,104	FALSE
-0,015	0,302	0,000	0,008	0,005	FALSE
-0,024	0,303	-0,001	0,009	0,048	FALSE
0,072	0,299	0,002	0,009	0,076	FALSE
0,057	0,290	0,001	0,008	0,068	FALSE
0,086	0,300	0,003	0,012	0,100	FALSE
-0,004	0,306	0,000	0,010	0,001	FALSE
0,088	0,306	0,004	0,013	0,114	FALSE
0,018	0,316	0,001	0,011	0,017	FALSE
0,024	0,315	0,001	0,007	0,033	FALSE
0,023	0,309	0,001	0,007	0,034	FALSE
0,042	0,302	0,001	0,008	0,051	FALSE
-0,157	0,304	-0,006	0,013	0,212	FALSE
0,030	0,303	0,002	0,008	0,078	FALSE
-0,064	0,292	-0,002	0,008	0,083	FALSE
-0,079	0,314	-0,002	0,007	0,097	FALSE
0,008	0,303	0,000	0,008	0,003	FALSE
-0,048	0,314	-0,001	0,011	0,031	FALSE
0,017	0,302	0,001	0,010	0,023	FALSE
0,032	0,312	0,001	0,007	0,032	FALSE
-0,061	0,305	-0,002	0,008	0,092	FALSE

-0,032	0,301	0,000	0,008	0,005	FALSE
0,004	0,313	0,000	0,006	0,024	FALSE
-0,075	0,308	-0,003	0,012	0,094	FALSE
-0,009	0,307	0,000	0,009	0,004	FALSE
0,090	0,305	0,003	0,010	0,123	FALSE
-0,012	0,295	0,000	0,007	0,010	FALSE
0,040	0,317	0,001	0,012	0,025	FALSE
-0,042	0,306	-0,001	0,013	0,032	FALSE
-0,003	0,309	0,000	0,012	0,003	FALSE
-0,053	0,307	-0,001	0,011	0,041	FALSE
-0,032	0,315	-0,001	0,012	0,023	FALSE
0,009	0,303	0,000	0,006	0,003	FALSE
0,025	0,312	0,001	0,011	0,031	FALSE
-0,002	0,317	-0,001	0,013	0,018	FALSE
-0,061	0,305	-0,003	0,012	0,085	FALSE
0,038	0,308	0,001	0,008	0,027	FALSE
-0,043	0,314	-0,001	0,007	0,066	FALSE
-0,067	0,303	-0,004	0,012	0,125	FALSE
0,079	0,315	0,001	0,008	0,071	FALSE
-0,110	0,299	-0,003	0,009	0,137	FALSE
-0,114	0,292	-0,005	0,012	0,157	FALSE
0,046	0,307	0,002	0,013	0,045	FALSE
-0,010	0,316	0,000	0,010	0,009	FALSE
0,042	0,301	0,001	0,008	0,042	FALSE
-0,077	0,307	-0,003	0,012	0,087	FALSE
0,059	0,304	0,001	0,009	0,050	FALSE
-0,037	0,304	-0,001	0,008	0,025	FALSE
-0,029	0,322	0,000	0,008	0,011	FALSE
0,026	0,324	0,001	0,008	0,045	FALSE
-0,111	0,304	-0,003	0,011	0,119	FALSE
-0,126	0,307	-0,005	0,011	0,191	FALSE
-0,093	0,280	-0,003	0,008	0,133	FALSE
-0,054	0,304	-0,001	0,007	0,042	FALSE
-0,037	0,297	-0,002	0,011	0,079	FALSE
0,043	0,326	0,001	0,012	0,043	FALSE
0,105	0,312	0,003	0,011	0,117	FALSE
0,112	0,313	0,005	0,013	0,165	FALSE
0,083	0,323	0,003	0,011	0,085	FALSE
0,073	0,303	0,004	0,012	0,115	FALSE
0,068	0,297	0,001	0,010	0,055	FALSE
0,052	0,299	0,001	0,006	0,082	FALSE
-0,011	0,303	0,000	0,007	0,014	FALSE
0,145	0,313	0,006	0,013	0,199	FALSE
0,166	0,307	0,007	0,012	0,238	FALSE
0,088	0,308	0,002	0,007	0,118	FALSE
-0,039	0,310	-0,001	0,007	0,054	FALSE
0,025	0,308	0,001	0,006	0,039	FALSE
0,005	0,294	0,000	0,006	0,017	FALSE
0,037	0,309	0,001	0,013	0,022	FALSE
-0,053	0,315	-0,002	0,008	0,102	FALSE
-0,063	0,313	-0,002	0,008	0,095	FALSE
-0,008	0,298	0,000	0,011	0,013	FALSE
-0,035	0,309	-0,001	0,008	0,068	FALSE

0,120	0,305	0,003	0,007	0,193	FALSE
-0,038	0,294	-0,001	0,011	0,047	FALSE
-0,090	0,312	-0,002	0,008	0,116	FALSE
-0,005	0,310	0,000	0,009	0,013	FALSE
-0,174	0,310	-0,008	0,013	0,259	FALSE
-0,159	0,297	-0,007	0,012	0,248	FALSE
-0,140	0,287	-0,005	0,011	0,196	FALSE
-0,091	0,299	-0,004	0,012	0,124	FALSE
0,118	0,316	0,005	0,013	0,166	FALSE
-0,036	0,328	-0,001	0,009	0,020	FALSE
-0,149	0,317	-0,003	0,007	0,182	FALSE
-0,140	0,312	-0,005	0,013	0,157	FALSE
0,095	0,310	0,003	0,013	0,088	FALSE
0,001	0,305	0,000	0,012	0,009	FALSE
-0,064	0,313	-0,002	0,013	0,056	FALSE
-0,021	0,321	-0,001	0,012	0,042	FALSE
0,032	0,304	0,001	0,009	0,050	FALSE
-0,062	0,312	-0,002	0,009	0,068	FALSE
-0,059	0,308	-0,002	0,010	0,073	FALSE
-0,004	0,315	0,000	0,010	0,004	FALSE
0,021	0,308	0,001	0,009	0,038	FALSE
0,124	0,310	0,002	0,007	0,130	FALSE
0,025	0,302	0,001	0,007	0,031	FALSE
0,027	0,316	0,001	0,009	0,023	FALSE
-0,236	0,314	-0,009	0,011	0,401	FALSE
0,109	0,315	0,003	0,006	0,167	FALSE
-0,155	0,298	-0,005	0,009	0,201	FALSE
-0,045	0,309	-0,002	0,011	0,087	FALSE
0,034	0,319	0,001	0,011	0,036	FALSE
0,014	0,306	0,000	0,012	0,003	FALSE
0,056	0,322	0,001	0,008	0,052	FALSE
-0,060	0,310	-0,003	0,012	0,078	FALSE
-0,071	0,305	-0,003	0,011	0,094	FALSE
0,025	0,307	0,001	0,008	0,069	FALSE
0,069	0,314	0,002	0,009	0,063	FALSE
0,061	0,306	0,002	0,010	0,069	FALSE
-0,080	0,305	-0,002	0,007	0,104	FALSE
-0,020	0,310	0,000	0,008	0,016	FALSE
-0,049	0,306	-0,002	0,012	0,069	FALSE
-0,038	0,307	-0,002	0,012	0,054	FALSE
0,003	0,289	0,000	0,007	0,002	FALSE
-0,103	0,311	-0,002	0,006	0,116	FALSE
-0,092	0,306	-0,002	0,007	0,095	FALSE
0,004	0,309	0,000	0,006	0,010	FALSE
0,043	0,309	0,001	0,009	0,063	FALSE
-0,156	0,294	-0,006	0,009	0,272	FALSE
0,075	0,301	0,002	0,012	0,070	FALSE
0,081	0,300	0,002	0,012	0,071	FALSE
-0,059	0,305	-0,002	0,008	0,103	FALSE
0,078	0,314	0,002	0,008	0,122	FALSE
-0,075	0,302	-0,003	0,008	0,156	FALSE
-0,050	0,299	-0,002	0,008	0,116	FALSE
0,075	0,292	0,002	0,008	0,122	FALSE

-0,077	0,307	-0,003	0,008	0,144	FALSE
-0,057	0,319	-0,001	0,008	0,046	FALSE
-0,060	0,318	-0,001	0,008	0,046	FALSE
0,020	0,309	0,001	0,012	0,041	FALSE
0,001	0,323	0,000	0,010	0,011	FALSE
0,038	0,307	0,001	0,011	0,041	FALSE
-0,033	0,306	0,000	0,008	0,008	FALSE
0,054	0,289	0,001	0,008	0,067	FALSE
-0,001	0,305	0,000	0,011	0,013	FALSE
-0,027	0,306	-0,001	0,012	0,023	FALSE
-0,038	0,304	-0,001	0,007	0,028	FALSE
0,025	0,305	0,001	0,013	0,023	FALSE
0,030	0,321	0,001	0,012	0,017	FALSE
-0,041	0,313	-0,001	0,008	0,031	FALSE
-0,014	0,287	-0,001	0,009	0,041	FALSE
0,065	0,311	0,002	0,008	0,087	FALSE
0,038	0,296	0,001	0,008	0,061	FALSE
0,131	0,297	0,004	0,012	0,119	FALSE
-0,032	0,298	-0,001	0,012	0,031	FALSE
0,062	0,302	0,002	0,007	0,089	FALSE
-0,042	0,315	-0,001	0,007	0,036	FALSE
-0,087	0,295	-0,004	0,012	0,134	FALSE
-0,097	0,313	-0,003	0,008	0,130	FALSE
-0,065	0,296	-0,003	0,013	0,077	FALSE
-0,034	0,317	-0,001	0,013	0,036	FALSE
-0,033	0,314	0,000	0,012	0,006	FALSE
0,012	0,316	0,000	0,012	0,011	FALSE
0,118	0,310	0,004	0,009	0,167	FALSE
0,007	0,307	0,000	0,007	0,020	FALSE
0,031	0,299	0,001	0,012	0,037	FALSE
0,102	0,314	0,003	0,008	0,125	FALSE
0,120	0,305	0,003	0,008	0,155	FALSE
0,095	0,322	0,003	0,009	0,113	FALSE
-0,045	0,308	-0,001	0,011	0,024	FALSE
0,000	0,307	0,000	0,008	0,010	FALSE
-0,010	0,309	0,000	0,007	0,020	FALSE
0,115	0,323	0,005	0,013	0,139	FALSE
0,069	0,307	0,002	0,007	0,125	FALSE
0,102	0,315	0,003	0,009	0,114	FALSE
0,075	0,307	0,003	0,010	0,114	FALSE
-0,025	0,316	0,000	0,008	0,017	FALSE
0,012	0,300	0,001	0,008	0,026	FALSE
-0,020	0,294	-0,002	0,009	0,073	FALSE
0,126	0,304	0,005	0,011	0,196	FALSE
-0,003	0,304	0,000	0,006	0,003	FALSE
-0,036	0,298	-0,002	0,012	0,052	FALSE
-0,039	0,300	-0,002	0,013	0,061	FALSE
-0,116	0,309	-0,004	0,010	0,149	FALSE
0,023	0,309	0,001	0,013	0,026	FALSE
-0,025	0,313	-0,001	0,008	0,032	FALSE
0,016	0,298	0,000	0,008	0,002	FALSE
-0,082	0,297	-0,003	0,012	0,088	FALSE
0,002	0,304	-0,001	0,012	0,022	FALSE

-0,060	0,306	-0,003	0,012	0,091	FALSE
0,051	0,311	0,002	0,008	0,072	FALSE
0,075	0,306	0,003	0,013	0,082	FALSE
-0,129	0,289	-0,003	0,006	0,202	FALSE
-0,066	0,319	-0,001	0,007	0,063	FALSE
0,232	0,293	0,008	0,010	0,380	FALSE
0,242	0,292	0,008	0,009	0,403	FALSE
-0,178	0,311	-0,004	0,007	0,236	FALSE
-0,021	0,307	-0,001	0,010	0,019	FALSE
0,043	0,316	0,001	0,008	0,054	FALSE
0,162	0,304	0,003	0,006	0,213	FALSE
0,135	0,310	0,003	0,007	0,176	FALSE
0,141	0,299	0,003	0,007	0,185	FALSE
-0,216	0,302	-0,005	0,007	0,306	FALSE
0,110	0,315	0,003	0,009	0,131	FALSE
0,071	0,302	0,002	0,007	0,098	FALSE
0,093	0,302	0,002	0,008	0,113	FALSE
0,040	0,331	0,002	0,011	0,063	FALSE
0,018	0,314	0,001	0,009	0,034	FALSE
0,091	0,309	0,002	0,007	0,101	FALSE
0,091	0,317	0,003	0,011	0,115	FALSE
0,024	0,304	0,000	0,010	0,000	FALSE
0,027	0,319	0,000	0,010	0,014	FALSE
0,015	0,327	0,001	0,013	0,033	FALSE
0,005	0,324	0,000	0,007	0,004	FALSE
0,018	0,307	0,001	0,007	0,027	FALSE
0,138	0,296	0,006	0,011	0,211	FALSE
0,141	0,302	0,004	0,008	0,220	FALSE
-0,062	0,304	-0,002	0,009	0,063	FALSE
0,046	0,320	0,001	0,010	0,047	FALSE
-0,181	0,302	-0,007	0,012	0,247	FALSE
0,139	0,294	0,004	0,008	0,210	FALSE
0,036	0,314	0,001	0,010	0,022	FALSE
0,077	0,295	0,002	0,008	0,093	FALSE
-0,036	0,315	-0,001	0,009	0,050	FALSE
0,064	0,286	0,002	0,010	0,069	FALSE
0,034	0,312	0,001	0,009	0,052	FALSE
0,209	0,297	0,005	0,007	0,367	FALSE
0,179	0,294	0,005	0,007	0,291	FALSE
-0,093	0,309	-0,003	0,008	0,136	FALSE
0,101	0,313	0,002	0,006	0,104	FALSE
0,068	0,306	0,001	0,007	0,042	FALSE
-0,068	0,325	-0,002	0,010	0,082	FALSE
-0,008	0,305	0,000	0,013	0,003	FALSE
0,179	0,286	0,004	0,006	0,298	FALSE
0,043	0,308	0,001	0,008	0,039	FALSE
-0,041	0,313	-0,002	0,012	0,048	FALSE
0,027	0,315	0,000	0,008	0,012	FALSE
0,071	0,313	0,003	0,012	0,082	FALSE
-0,032	0,309	0,000	0,007	0,011	FALSE
0,022	0,302	0,000	0,006	0,026	FALSE
0,121	0,304	0,005	0,011	0,175	FALSE
-0,035	0,295	-0,001	0,007	0,040	FALSE

0,018	0,304	0,002	0,012	0,058	FALSE
-0,100	0,310	-0,002	0,007	0,105	FALSE
-0,022	0,307	-0,001	0,009	0,037	FALSE
0,004	0,298	0,000	0,008	0,007	FALSE
-0,010	0,309	0,000	0,008	0,010	FALSE
0,189	0,302	0,008	0,012	0,274	FALSE
0,076	0,303	0,003	0,013	0,099	FALSE
0,064	0,309	0,003	0,013	0,084	FALSE
-0,119	0,298	-0,002	0,006	0,152	FALSE
-0,022	0,325	0,000	0,008	0,017	FALSE
-0,049	0,311	-0,001	0,008	0,054	FALSE
0,014	0,310	0,001	0,013	0,015	FALSE
0,058	0,312	0,002	0,010	0,080	FALSE
-0,055	0,311	-0,001	0,008	0,044	FALSE
0,105	0,300	0,003	0,009	0,123	FALSE
-0,061	0,306	-0,001	0,007	0,066	FALSE
0,034	0,298	0,001	0,008	0,029	FALSE
-0,071	0,306	-0,002	0,013	0,069	FALSE
-0,096	0,306	-0,004	0,013	0,118	FALSE
-0,090	0,310	-0,003	0,013	0,087	FALSE
0,026	0,307	0,001	0,008	0,048	FALSE
-0,082	0,310	-0,003	0,011	0,101	FALSE
-0,035	0,301	-0,001	0,007	0,078	FALSE
0,028	0,322	0,001	0,007	0,071	FALSE
0,131	0,316	0,004	0,010	0,149	FALSE
0,188	0,305	0,008	0,013	0,259	FALSE
0,005	0,298	0,000	0,007	0,020	FALSE
0,052	0,315	0,001	0,008	0,043	FALSE
-0,020	0,315	-0,001	0,012	0,035	FALSE
-0,137	0,289	-0,003	0,006	0,221	FALSE
0,081	0,298	0,002	0,007	0,102	FALSE
0,011	0,301	0,000	0,008	0,018	FALSE
0,010	0,308	0,000	0,010	0,014	FALSE
-0,149	0,310	-0,006	0,013	0,192	FALSE
-0,101	0,310	-0,003	0,009	0,149	FALSE
-0,052	0,293	-0,003	0,013	0,092	FALSE
0,105	0,311	0,003	0,007	0,163	FALSE
0,105	0,299	0,005	0,011	0,193	FALSE
-0,052	0,306	-0,002	0,009	0,078	FALSE
-0,065	0,305	-0,001	0,008	0,037	FALSE
0,095	0,313	0,002	0,007	0,125	FALSE
0,022	0,314	0,000	0,007	0,019	FALSE
0,022	0,316	0,001	0,008	0,024	FALSE
-0,046	0,317	-0,002	0,010	0,064	FALSE
-0,073	0,320	-0,003	0,012	0,092	FALSE
0,078	0,298	0,003	0,012	0,104	FALSE
0,081	0,296	0,004	0,012	0,115	FALSE
0,048	0,309	0,002	0,010	0,082	FALSE
-0,009	0,328	0,000	0,010	0,017	FALSE
-0,009	0,312	0,000	0,009	0,008	FALSE
0,091	0,287	0,002	0,006	0,133	FALSE
-0,055	0,300	-0,002	0,010	0,069	FALSE
0,100	0,317	0,002	0,006	0,118	FALSE

0,019	0,307	0,000	0,006	0,016	FALSE
0,068	0,312	0,003	0,010	0,115	FALSE
0,100	0,300	0,005	0,012	0,154	FALSE
-0,024	0,310	-0,001	0,008	0,035	FALSE
-0,015	0,309	0,000	0,012	0,003	FALSE
-0,029	0,312	-0,001	0,012	0,039	FALSE
0,157	0,292	0,006	0,010	0,238	FALSE
0,236	0,289	0,008	0,009	0,406	FALSE
0,040	0,305	0,001	0,007	0,066	FALSE
0,057	0,294	0,001	0,006	0,069	FALSE
-0,007	0,307	0,000	0,008	0,006	FALSE
-0,018	0,302	0,000	0,009	0,017	FALSE
-0,065	0,316	-0,002	0,012	0,063	FALSE
-0,098	0,312	-0,002	0,008	0,116	FALSE
-0,096	0,318	-0,004	0,013	0,111	FALSE
0,029	0,301	0,000	0,007	0,023	FALSE
-0,073	0,300	-0,003	0,011	0,092	FALSE
-0,063	0,300	-0,003	0,012	0,081	FALSE
-0,118	0,301	-0,004	0,010	0,163	FALSE
-0,050	0,304	-0,002	0,011	0,054	FALSE
-0,059	0,312	-0,002	0,012	0,060	FALSE
0,039	0,311	0,002	0,013	0,057	FALSE
-0,011	0,315	0,000	0,007	0,000	FALSE
-0,117	0,305	-0,005	0,012	0,155	FALSE
0,032	0,312	0,001	0,013	0,029	FALSE
0,003	0,320	0,000	0,013	0,009	FALSE
-0,044	0,310	-0,002	0,010	0,076	FALSE
0,043	0,321	0,002	0,013	0,043	FALSE
-0,105	0,301	-0,002	0,008	0,119	FALSE
-0,058	0,314	-0,002	0,013	0,048	FALSE
-0,075	0,312	-0,001	0,007	0,085	FALSE
-0,056	0,302	-0,003	0,011	0,099	FALSE
0,062	0,304	0,003	0,013	0,086	FALSE
-0,042	0,314	-0,002	0,012	0,070	FALSE
0,046	0,311	0,002	0,012	0,048	FALSE
0,075	0,305	0,002	0,006	0,099	FALSE
0,131	0,301	0,006	0,013	0,187	FALSE
0,093	0,297	0,003	0,007	0,157	FALSE
-0,183	0,314	-0,005	0,008	0,251	FALSE
0,015	0,312	0,000	0,008	0,010	FALSE
0,013	0,311	0,001	0,013	0,040	FALSE
-0,055	0,301	-0,002	0,012	0,055	FALSE
-0,058	0,325	-0,002	0,010	0,061	FALSE
-0,073	0,303	-0,003	0,009	0,121	FALSE
0,079	0,296	0,003	0,010	0,118	FALSE
-0,166	0,312	-0,003	0,007	0,217	FALSE
-0,185	0,284	-0,006	0,009	0,265	FALSE
-0,027	0,311	0,000	0,007	0,013	FALSE
0,004	0,301	0,000	0,008	0,021	FALSE
0,005	0,305	0,001	0,008	0,026	FALSE
-0,037	0,309	-0,001	0,011	0,046	FALSE
-0,071	0,308	-0,004	0,013	0,114	FALSE
-0,106	0,307	-0,002	0,006	0,137	FALSE

-0,099	0,294	-0,004	0,012	0,143	FALSE
0,049	0,303	0,001	0,008	0,062	FALSE
0,008	0,310	0,000	0,011	0,001	FALSE
-0,031	0,303	-0,001	0,007	0,031	FALSE
-0,004	0,306	0,000	0,007	0,001	FALSE
0,013	0,299	0,001	0,011	0,024	FALSE
-0,014	0,302	0,000	0,008	0,020	FALSE
0,098	0,320	0,002	0,009	0,088	FALSE
0,025	0,299	0,002	0,012	0,045	FALSE
0,098	0,305	0,002	0,006	0,117	FALSE
-0,089	0,299	-0,002	0,007	0,099	FALSE
-0,059	0,314	-0,004	0,013	0,104	FALSE
-0,060	0,307	-0,001	0,007	0,060	FALSE
-0,042	0,313	-0,002	0,012	0,050	FALSE
0,127	0,305	0,006	0,012	0,188	FALSE
0,070	0,305	0,002	0,012	0,056	FALSE
-0,039	0,304	-0,002	0,013	0,056	FALSE
-0,030	0,305	0,000	0,008	0,014	FALSE
0,007	0,313	0,000	0,013	0,003	FALSE
-0,107	0,313	-0,003	0,007	0,155	FALSE
-0,104	0,304	-0,003	0,007	0,167	FALSE
-0,105	0,310	-0,003	0,007	0,169	FALSE
-0,049	0,307	-0,001	0,008	0,066	FALSE
-0,006	0,307	-0,001	0,007	0,028	FALSE
0,127	0,301	0,003	0,007	0,149	FALSE
-0,073	0,301	-0,002	0,007	0,106	FALSE
0,086	0,303	0,002	0,007	0,102	FALSE
0,010	0,310	0,000	0,013	0,004	FALSE
-0,058	0,299	-0,002	0,010	0,067	FALSE
-0,037	0,309	-0,001	0,009	0,025	FALSE
-0,010	0,300	0,000	0,008	0,002	FALSE
-0,051	0,299	-0,002	0,010	0,077	FALSE
0,047	0,318	0,001	0,007	0,053	FALSE
-0,019	0,311	-0,001	0,007	0,029	FALSE
0,001	0,320	-0,001	0,013	0,015	FALSE
0,091	0,308	0,002	0,007	0,101	FALSE
0,072	0,322	0,003	0,012	0,093	FALSE
-0,119	0,304	-0,005	0,013	0,156	FALSE
-0,211	0,303	-0,008	0,010	0,342	FALSE
-0,163	0,311	-0,006	0,011	0,259	FALSE
-0,003	0,310	0,000	0,009	0,004	FALSE
0,009	0,321	0,000	0,009	0,002	FALSE
-0,131	0,304	-0,003	0,007	0,147	FALSE
-0,052	0,292	-0,001	0,006	0,050	FALSE
-0,035	0,296	-0,001	0,007	0,049	FALSE
0,123	0,302	0,003	0,008	0,159	FALSE
0,070	0,305	0,001	0,008	0,051	FALSE
0,105	0,311	0,002	0,008	0,112	FALSE
0,019	0,304	0,001	0,009	0,023	FALSE
0,035	0,301	0,001	0,008	0,053	FALSE
0,171	0,307	0,003	0,006	0,220	FALSE
0,083	0,312	0,002	0,009	0,100	FALSE
0,008	0,304	0,000	0,009	0,008	FALSE

0,052	0,315	0,001	0,009	0,062	FALSE
-0,034	0,311	-0,001	0,009	0,052	FALSE
-0,021	0,333	-0,001	0,009	0,044	FALSE
-0,095	0,306	-0,003	0,011	0,126	FALSE
0,098	0,331	0,004	0,011	0,130	FALSE
-0,045	0,309	-0,002	0,013	0,065	FALSE
0,043	0,310	0,001	0,007	0,050	FALSE
0,110	0,304	0,005	0,013	0,149	FALSE
-0,008	0,306	0,000	0,008	0,010	FALSE
-0,059	0,307	-0,002	0,009	0,095	FALSE
0,053	0,318	0,001	0,007	0,068	FALSE
0,016	0,316	0,000	0,007	0,025	FALSE
0,020	0,293	0,001	0,006	0,047	FALSE
-0,008	0,318	-0,002	0,013	0,043	FALSE
-0,012	0,301	0,001	0,010	0,022	FALSE
0,086	0,300	0,003	0,008	0,136	FALSE
0,000	0,286	0,001	0,010	0,042	FALSE
-0,097	0,307	-0,003	0,012	0,090	FALSE
-0,099	0,311	-0,003	0,011	0,092	FALSE
-0,001	0,293	-0,001	0,008	0,040	FALSE
0,049	0,310	0,002	0,012	0,071	FALSE
0,063	0,298	0,004	0,012	0,120	FALSE
0,089	0,302	0,002	0,007	0,083	FALSE
-0,035	0,306	-0,001	0,013	0,022	FALSE
-0,021	0,312	-0,001	0,013	0,017	FALSE
0,000	0,307	0,001	0,008	0,036	FALSE
-0,050	0,311	-0,001	0,011	0,029	FALSE
-0,095	0,309	-0,003	0,008	0,147	FALSE
0,040	0,318	0,002	0,013	0,043	FALSE
0,049	0,307	0,002	0,012	0,060	FALSE
-0,005	0,299	0,000	0,008	0,001	FALSE
0,011	0,305	0,000	0,012	0,005	FALSE
-0,016	0,312	-0,001	0,012	0,030	FALSE
-0,029	0,312	0,000	0,010	0,007	FALSE
0,091	0,301	0,003	0,010	0,124	FALSE
0,111	0,313	0,004	0,012	0,139	FALSE
-0,083	0,299	-0,002	0,010	0,088	FALSE
0,168	0,299	0,006	0,009	0,271	FALSE
-0,235	0,299	-0,010	0,012	0,412	FALSE
0,038	0,309	0,000	0,007	0,019	FALSE
-0,075	0,296	-0,002	0,007	0,086	FALSE
-0,062	0,294	-0,002	0,010	0,073	FALSE
0,050	0,296	0,001	0,010	0,054	FALSE
-0,036	0,302	-0,001	0,009	0,046	FALSE
0,010	0,295	0,001	0,007	0,034	FALSE
-0,017	0,301	0,000	0,007	0,017	FALSE
-0,004	0,299	0,000	0,007	0,008	FALSE
0,012	0,292	0,001	0,008	0,031	FALSE
-0,038	0,309	-0,001	0,007	0,048	FALSE
0,014	0,315	0,001	0,012	0,021	FALSE
-0,072	0,307	-0,002	0,008	0,074	FALSE
-0,007	0,320	0,000	0,012	0,012	FALSE
-0,110	0,318	-0,005	0,012	0,163	FALSE

0,014	0,313	0,000	0,007	0,015	FALSE
-0,086	0,289	-0,002	0,007	0,136	FALSE
-0,033	0,315	-0,001	0,011	0,040	FALSE
-0,042	0,316	-0,001	0,010	0,049	FALSE
-0,069	0,310	-0,002	0,010	0,081	FALSE
-0,074	0,306	-0,002	0,010	0,088	FALSE
-0,070	0,309	-0,002	0,010	0,092	FALSE
-0,035	0,312	-0,001	0,010	0,022	FALSE
0,018	0,317	0,001	0,008	0,027	FALSE
0,049	0,330	0,001	0,008	0,051	FALSE
-0,019	0,297	-0,001	0,008	0,045	FALSE
0,097	0,312	0,002	0,006	0,135	FALSE
0,088	0,295	0,002	0,008	0,098	FALSE
0,055	0,298	0,002	0,008	0,082	FALSE
0,047	0,299	0,002	0,013	0,043	FALSE
0,017	0,305	-0,001	0,012	0,017	FALSE
0,071	0,296	0,002	0,011	0,058	FALSE
0,135	0,313	0,003	0,008	0,159	FALSE
0,001	0,294	-0,002	0,012	0,056	FALSE
0,019	0,300	0,000	0,007	0,000	FALSE
0,007	0,316	0,000	0,008	0,020	FALSE
-0,087	0,316	-0,003	0,011	0,119	FALSE
0,183	0,305	0,006	0,009	0,305	FALSE
0,180	0,291	0,005	0,008	0,268	FALSE
0,165	0,298	0,004	0,009	0,215	FALSE
-0,016	0,287	0,000	0,010	0,016	FALSE
-0,004	0,303	0,000	0,010	0,010	FALSE
-0,014	0,291	-0,001	0,009	0,030	FALSE
-0,034	0,299	0,000	0,011	0,014	FALSE
-0,067	0,306	-0,002	0,009	0,072	FALSE
-0,008	0,306	0,000	0,007	0,019	FALSE
0,071	0,312	0,001	0,007	0,070	FALSE
0,005	0,306	0,000	0,009	0,003	FALSE
0,070	0,329	0,003	0,011	0,086	FALSE
0,008	0,300	0,001	0,010	0,023	FALSE
-0,044	0,319	-0,001	0,008	0,034	FALSE
-0,027	0,303	0,000	0,008	0,017	FALSE
-0,060	0,309	-0,002	0,011	0,060	FALSE
0,067	0,299	0,003	0,012	0,108	FALSE
0,067	0,311	0,003	0,012	0,078	FALSE
0,174	0,314	0,008	0,014	0,239	FALSE
0,075	0,308	0,002	0,008	0,107	FALSE
0,024	0,320	0,001	0,009	0,032	FALSE
0,018	0,320	0,000	0,007	0,026	FALSE
0,060	0,314	0,002	0,013	0,064	FALSE
0,085	0,319	0,002	0,008	0,119	FALSE
-0,106	0,308	-0,005	0,013	0,156	FALSE
0,103	0,303	0,003	0,008	0,173	FALSE
0,150	0,293	0,005	0,011	0,194	FALSE
-0,028	0,315	0,000	0,007	0,026	FALSE
-0,013	0,301	0,000	0,007	0,007	FALSE
0,042	0,306	0,001	0,010	0,035	FALSE
0,024	0,305	0,000	0,012	0,015	FALSE

-0,092	0,313	-0,003	0,011	0,089	FALSE
-0,008	0,311	0,000	0,011	0,010	FALSE
0,023	0,303	0,001	0,010	0,027	FALSE
-0,080	0,301	-0,002	0,009	0,102	FALSE
-0,027	0,307	-0,001	0,009	0,053	FALSE
-0,018	0,295	-0,001	0,011	0,040	FALSE
-0,018	0,290	-0,002	0,011	0,058	FALSE
0,074	0,305	0,002	0,007	0,087	FALSE
0,057	0,307	0,001	0,010	0,048	FALSE
0,059	0,303	0,002	0,013	0,047	FALSE
0,095	0,295	0,002	0,007	0,087	FALSE
-0,103	0,310	-0,002	0,006	0,132	FALSE
0,251	0,294	0,010	0,012	0,404	FALSE
0,025	0,324	0,000	0,007	0,022	FALSE
0,033	0,303	0,001	0,007	0,034	FALSE
-0,098	0,309	-0,002	0,009	0,099	FALSE
-0,137	0,293	-0,003	0,008	0,167	FALSE
0,007	0,311	0,001	0,007	0,035	FALSE
0,107	0,297	0,002	0,007	0,110	FALSE
-0,017	0,309	-0,001	0,011	0,021	FALSE
0,100	0,307	0,005	0,012	0,163	FALSE
-0,026	0,318	0,000	0,007	0,018	FALSE
0,000	0,316	0,001	0,010	0,034	FALSE
-0,025	0,301	-0,001	0,009	0,036	FALSE
-0,013	0,282	-0,001	0,009	0,038	FALSE
0,005	0,298	0,001	0,012	0,022	FALSE
-0,067	0,298	-0,002	0,008	0,084	FALSE
-0,049	0,302	-0,001	0,010	0,054	FALSE
0,011	0,311	0,001	0,010	0,028	FALSE
0,026	0,313	0,001	0,012	0,021	FALSE
-0,091	0,306	-0,003	0,009	0,120	FALSE
-0,037	0,307	-0,002	0,008	0,071	FALSE
-0,006	0,303	0,000	0,008	0,019	FALSE
0,047	0,317	0,001	0,008	0,058	FALSE
0,164	0,299	0,006	0,011	0,226	FALSE
0,120	0,295	0,004	0,009	0,187	FALSE
-0,041	0,309	-0,001	0,011	0,030	FALSE
0,103	0,302	0,003	0,009	0,159	FALSE
0,120	0,296	0,004	0,008	0,178	FALSE
0,011	0,301	0,001	0,007	0,030	FALSE
-0,002	0,305	-0,001	0,011	0,027	FALSE
-0,057	0,329	0,000	0,009	0,020	FALSE
0,025	0,311	0,001	0,007	0,043	FALSE
0,060	0,310	0,003	0,013	0,103	FALSE
0,002	0,293	0,000	0,007	0,003	FALSE
0,147	0,312	0,005	0,011	0,204	FALSE
-0,073	0,314	-0,003	0,011	0,111	FALSE
0,073	0,301	0,002	0,008	0,106	FALSE
0,004	0,306	0,001	0,012	0,026	FALSE
-0,030	0,319	-0,001	0,013	0,017	FALSE
-0,042	0,313	-0,002	0,013	0,047	FALSE
-0,011	0,321	0,000	0,009	0,001	FALSE
0,078	0,304	0,002	0,007	0,091	FALSE

0,115	0,300	0,003	0,007	0,139	FALSE
0,017	0,308	0,000	0,007	0,017	FALSE
-0,051	0,318	-0,001	0,008	0,046	FALSE
-0,069	0,297	-0,003	0,013	0,106	FALSE
0,055	0,308	0,001	0,007	0,073	FALSE
0,056	0,302	0,001	0,007	0,079	FALSE
0,031	0,302	0,001	0,008	0,033	FALSE
0,027	0,291	0,001	0,006	0,054	FALSE
0,019	0,318	0,001	0,011	0,023	FALSE
0,039	0,312	0,001	0,011	0,041	FALSE
-0,159	0,293	-0,005	0,009	0,232	FALSE
-0,117	0,305	-0,004	0,011	0,150	FALSE
0,026	0,296	0,002	0,011	0,049	FALSE
-0,130	0,296	-0,004	0,008	0,172	FALSE
-0,209	0,289	-0,006	0,008	0,325	FALSE
-0,101	0,298	-0,003	0,012	0,108	FALSE
0,022	0,297	0,002	0,010	0,057	FALSE
0,008	0,307	0,001	0,010	0,034	FALSE
0,030	0,294	0,002	0,009	0,063	FALSE
0,019	0,298	0,001	0,008	0,047	FALSE
0,067	0,318	0,002	0,010	0,091	FALSE
0,052	0,306	0,002	0,009	0,078	FALSE
-0,072	0,310	-0,002	0,012	0,054	FALSE
-0,096	0,309	-0,003	0,012	0,087	FALSE
0,098	0,310	0,004	0,011	0,121	FALSE
0,071	0,313	0,003	0,013	0,082	FALSE
0,116	0,312	0,003	0,008	0,155	FALSE
0,146	0,310	0,003	0,006	0,174	FALSE
-0,108	0,304	-0,004	0,009	0,151	FALSE
-0,035	0,322	-0,001	0,009	0,053	FALSE
-0,132	0,308	-0,003	0,009	0,155	FALSE
-0,057	0,311	-0,001	0,006	0,040	FALSE
-0,105	0,317	-0,003	0,007	0,145	FALSE
-0,039	0,304	-0,002	0,013	0,055	FALSE
-0,045	0,291	-0,002	0,013	0,050	FALSE
-0,063	0,299	-0,003	0,013	0,083	FALSE
0,103	0,304	0,004	0,011	0,167	FALSE
0,023	0,300	0,001	0,010	0,025	FALSE
0,056	0,299	0,003	0,012	0,088	FALSE
0,083	0,310	0,002	0,007	0,098	FALSE
0,079	0,311	0,002	0,007	0,093	FALSE
-0,160	0,299	-0,004	0,008	0,185	FALSE
0,032	0,316	0,000	0,007	0,022	FALSE
-0,031	0,299	-0,002	0,013	0,047	FALSE
-0,173	0,306	-0,004	0,008	0,251	FALSE
-0,138	0,310	-0,003	0,007	0,186	FALSE
0,119	0,312	0,003	0,009	0,131	FALSE
0,147	0,316	0,004	0,009	0,165	FALSE
0,012	0,314	0,001	0,009	0,020	FALSE
-0,049	0,319	-0,001	0,012	0,045	FALSE
-0,097	0,309	-0,003	0,007	0,144	FALSE
-0,056	0,302	-0,002	0,011	0,078	FALSE
0,050	0,314	0,001	0,007	0,049	FALSE

0,005	0,311	0,000	0,007	0,013	FALSE
0,008	0,310	0,000	0,009	0,000	FALSE
0,074	0,308	0,002	0,006	0,093	FALSE
-0,059	0,308	-0,002	0,011	0,059	FALSE
0,010	0,307	0,000	0,008	0,022	FALSE
-0,035	0,308	-0,001	0,007	0,045	FALSE
0,020	0,296	0,001	0,009	0,033	FALSE
-0,017	0,295	-0,001	0,006	0,041	FALSE
0,027	0,291	0,000	0,008	0,011	FALSE
0,079	0,302	0,003	0,010	0,127	FALSE
-0,024	0,311	0,000	0,013	0,006	FALSE
0,075	0,294	0,001	0,007	0,064	FALSE
0,099	0,297	0,004	0,008	0,181	FALSE
-0,070	0,305	-0,002	0,008	0,076	FALSE
-0,006	0,316	0,000	0,007	0,013	FALSE
-0,016	0,300	-0,001	0,010	0,032	FALSE
-0,003	0,317	0,000	0,008	0,011	FALSE
-0,027	0,308	-0,001	0,008	0,053	FALSE
0,129	0,307	0,006	0,012	0,182	FALSE
0,000	0,313	0,000	0,008	0,002	FALSE
0,036	0,324	0,001	0,009	0,044	FALSE
0,173	0,315	0,006	0,011	0,220	FALSE
0,141	0,318	0,006	0,012	0,193	FALSE
0,010	0,302	0,000	0,008	0,010	FALSE
0,083	0,304	0,003	0,012	0,102	FALSE
0,004	0,302	0,000	0,008	0,021	FALSE
-0,038	0,309	-0,001	0,008	0,035	FALSE
0,082	0,311	0,002	0,007	0,111	FALSE
0,087	0,302	0,002	0,009	0,076	FALSE
-0,029	0,305	0,000	0,008	0,005	FALSE
0,039	0,299	0,001	0,012	0,019	FALSE
-0,102	0,305	-0,003	0,010	0,127	FALSE
-0,105	0,309	-0,004	0,010	0,145	FALSE
0,038	0,312	0,002	0,009	0,068	FALSE
0,032	0,305	0,001	0,011	0,037	FALSE
0,095	0,304	0,002	0,007	0,136	FALSE
-0,069	0,298	-0,004	0,012	0,142	FALSE
-0,091	0,302	-0,003	0,008	0,131	FALSE
0,026	0,313	0,001	0,013	0,017	FALSE
0,081	0,303	0,004	0,011	0,119	FALSE
0,012	0,326	0,001	0,011	0,018	FALSE
0,043	0,317	0,003	0,013	0,092	FALSE
0,024	0,310	0,000	0,007	0,026	FALSE
0,068	0,314	0,002	0,012	0,072	FALSE
0,056	0,293	0,003	0,012	0,093	FALSE
0,044	0,308	0,000	0,012	0,007	FALSE
0,080	0,302	0,004	0,010	0,135	FALSE
-0,143	0,305	-0,005	0,012	0,165	FALSE
-0,033	0,302	-0,001	0,010	0,037	FALSE
0,123	0,313	0,004	0,010	0,174	FALSE
-0,077	0,312	-0,002	0,008	0,081	FALSE
-0,067	0,313	-0,002	0,008	0,075	FALSE
0,031	0,322	0,000	0,008	0,020	FALSE

0,056	0,292	0,002	0,012	0,070	FALSE
-0,017	0,309	0,000	0,009	0,005	FALSE
0,102	0,307	0,003	0,012	0,100	FALSE
-0,011	0,310	0,000	0,008	0,004	FALSE
-0,004	0,319	0,000	0,011	0,003	FALSE
0,018	0,309	0,001	0,012	0,038	FALSE
-0,047	0,295	0,000	0,007	0,026	FALSE
0,047	0,309	0,001	0,006	0,059	FALSE
-0,081	0,297	-0,002	0,008	0,109	FALSE
-0,017	0,292	0,000	0,007	0,015	FALSE
0,025	0,305	0,001	0,008	0,055	FALSE
0,023	0,313	0,000	0,007	0,019	FALSE
0,056	0,310	0,002	0,012	0,068	FALSE
0,042	0,313	0,001	0,013	0,041	FALSE
0,067	0,311	0,003	0,012	0,089	FALSE
0,025	0,321	0,001	0,013	0,029	FALSE
0,010	0,298	0,000	0,006	0,028	FALSE
0,000	0,304	0,000	0,008	0,018	FALSE
0,023	0,308	0,000	0,007	0,010	FALSE
0,053	0,315	0,001	0,007	0,046	FALSE
0,096	0,309	0,005	0,013	0,162	FALSE
0,005	0,295	0,000	0,008	0,013	FALSE
0,112	0,300	0,006	0,013	0,200	FALSE
-0,009	0,309	-0,001	0,007	0,025	FALSE
0,042	0,315	0,002	0,009	0,071	FALSE
0,093	0,298	0,004	0,012	0,134	FALSE
0,126	0,297	0,004	0,012	0,135	FALSE
0,033	0,314	0,001	0,010	0,030	FALSE
0,053	0,323	0,002	0,010	0,061	FALSE
0,094	0,300	0,002	0,007	0,121	FALSE
0,126	0,300	0,002	0,006	0,141	FALSE
0,023	0,300	0,000	0,008	0,019	FALSE
0,109	0,298	0,003	0,010	0,119	FALSE
0,142	0,297	0,004	0,009	0,194	FALSE
-0,030	0,318	-0,001	0,006	0,056	FALSE
0,017	0,302	0,001	0,009	0,028	FALSE
-0,061	0,325	-0,002	0,009	0,099	FALSE
-0,081	0,315	-0,003	0,009	0,113	FALSE
0,116	0,305	0,002	0,007	0,126	FALSE
0,091	0,293	0,002	0,007	0,102	FALSE
-0,054	0,318	-0,002	0,008	0,070	FALSE
-0,062	0,303	-0,002	0,009	0,103	FALSE
0,089	0,290	0,002	0,006	0,113	FALSE
0,041	0,311	0,001	0,012	0,032	FALSE
0,051	0,304	0,002	0,009	0,084	FALSE
-0,022	0,309	-0,001	0,009	0,033	FALSE
-0,047	0,308	-0,001	0,010	0,046	FALSE
-0,027	0,301	-0,001	0,011	0,017	FALSE
-0,098	0,289	-0,003	0,008	0,136	FALSE
-0,041	0,308	-0,001	0,007	0,030	FALSE
-0,028	0,307	-0,001	0,007	0,055	FALSE
0,046	0,311	0,002	0,013	0,067	FALSE
0,075	0,305	0,002	0,006	0,113	FALSE

0,101	0,305	0,003	0,009	0,141	FALSE
0,038	0,326	0,001	0,010	0,049	FALSE
-0,079	0,301	-0,003	0,012	0,096	FALSE
0,221	0,292	0,006	0,009	0,332	FALSE
0,007	0,305	0,000	0,012	0,010	FALSE
-0,007	0,302	0,000	0,013	0,002	FALSE
0,021	0,304	0,001	0,009	0,053	FALSE
0,014	0,303	0,001	0,010	0,018	FALSE
-0,047	0,313	-0,002	0,010	0,084	FALSE
-0,081	0,309	-0,002	0,008	0,087	TRUE
0,073	0,306	0,002	0,009	0,089	FALSE
0,011	0,307	-0,001	0,012	0,021	FALSE
0,008	0,305	0,001	0,011	0,030	FALSE
0,080	0,313	0,003	0,012	0,090	FALSE
0,003	0,321	0,000	0,010	0,003	FALSE
-0,165	0,313	-0,006	0,011	0,247	FALSE
-0,189	0,305	-0,007	0,010	0,292	FALSE
-0,188	0,305	-0,007	0,010	0,280	FALSE
-0,182	0,306	-0,006	0,010	0,261	FALSE
0,116	0,292	0,004	0,008	0,199	FALSE
-0,176	0,289	-0,007	0,011	0,295	FALSE
-0,058	0,302	-0,003	0,012	0,114	FALSE
0,086	0,309	0,002	0,009	0,097	FALSE
0,039	0,326	0,001	0,012	0,026	FALSE
0,172	0,281	0,006	0,010	0,287	FALSE
-0,044	0,307	-0,002	0,011	0,063	FALSE
0,014	0,297	0,000	0,011	0,013	FALSE
0,027	0,305	0,001	0,012	0,044	FALSE
0,097	0,313	0,004	0,013	0,132	FALSE
-0,017	0,312	0,000	0,008	0,014	FALSE
-0,088	0,309	-0,002	0,008	0,093	FALSE
0,052	0,315	0,003	0,013	0,089	FALSE
0,053	0,325	0,002	0,010	0,065	FALSE
-0,051	0,314	-0,001	0,008	0,046	FALSE
-0,035	0,297	-0,001	0,009	0,054	FALSE
-0,057	0,300	-0,002	0,007	0,089	FALSE
-0,039	0,304	-0,001	0,007	0,059	FALSE
-0,019	0,303	-0,001	0,008	0,044	FALSE
-0,040	0,298	-0,001	0,008	0,070	FALSE
-0,041	0,314	-0,001	0,009	0,036	FALSE
0,012	0,319	0,000	0,009	0,005	FALSE
-0,041	0,298	-0,001	0,006	0,060	FALSE
0,070	0,307	0,002	0,007	0,142	FALSE
-0,072	0,304	-0,003	0,010	0,113	FALSE
0,060	0,306	0,003	0,012	0,112	FALSE
0,081	0,301	0,004	0,012	0,140	FALSE
0,032	0,295	0,000	0,007	0,020	FALSE
0,045	0,301	0,001	0,007	0,036	FALSE
0,006	0,309	0,000	0,012	0,009	FALSE
-0,012	0,304	0,000	0,007	0,006	FALSE
0,054	0,304	0,002	0,012	0,053	FALSE
-0,028	0,308	-0,001	0,007	0,049	FALSE
-0,014	0,317	-0,001	0,013	0,024	FALSE

-0,018	0,302	-0,001	0,006	0,043	FALSE
-0,031	0,302	0,000	0,009	0,003	FALSE
0,161	0,289	0,004	0,008	0,226	FALSE
0,084	0,302	0,002	0,008	0,096	FALSE
-0,133	0,305	-0,005	0,009	0,209	FALSE
-0,019	0,318	0,000	0,006	0,003	FALSE
-0,045	0,307	-0,002	0,012	0,046	FALSE
0,007	0,306	0,001	0,007	0,035	FALSE
0,040	0,306	0,001	0,013	0,017	FALSE
-0,070	0,313	-0,001	0,007	0,056	FALSE
-0,031	0,302	0,000	0,006	0,007	FALSE
0,064	0,311	0,002	0,008	0,071	FALSE
0,078	0,326	0,002	0,007	0,098	FALSE
-0,033	0,304	0,000	0,008	0,011	FALSE
-0,038	0,305	-0,001	0,008	0,033	FALSE
-0,110	0,290	-0,002	0,007	0,124	FALSE
0,079	0,308	0,002	0,008	0,121	FALSE
0,112	0,301	0,002	0,007	0,117	FALSE
-0,099	0,306	-0,004	0,010	0,153	FALSE
-0,002	0,321	0,000	0,013	0,005	FALSE
0,136	0,298	0,004	0,007	0,240	FALSE
0,056	0,300	0,003	0,013	0,076	FALSE
0,059	0,301	0,003	0,011	0,094	FALSE
-0,022	0,315	-0,001	0,007	0,049	FALSE
-0,093	0,298	-0,003	0,012	0,113	FALSE
0,052	0,328	0,001	0,007	0,071	FALSE
-0,107	0,316	-0,003	0,008	0,147	FALSE
0,007	0,320	0,000	0,007	0,002	FALSE
0,004	0,316	0,000	0,011	0,012	FALSE
0,006	0,309	0,000	0,007	0,022	FALSE
0,019	0,316	0,000	0,009	0,017	FALSE
-0,064	0,318	-0,002	0,009	0,095	FALSE
-0,139	0,317	-0,004	0,009	0,172	FALSE
-0,063	0,299	-0,002	0,008	0,079	FALSE
0,122	0,314	0,004	0,011	0,168	FALSE
0,029	0,292	0,001	0,007	0,060	FALSE
0,045	0,315	0,002	0,012	0,069	FALSE
0,035	0,299	0,000	0,010	0,006	FALSE
0,047	0,301	0,000	0,010	0,005	FALSE
0,024	0,296	0,002	0,011	0,059	FALSE
0,017	0,313	0,000	0,010	0,005	FALSE
-0,163	0,324	-0,004	0,008	0,230	FALSE
0,032	0,306	0,002	0,011	0,074	FALSE
-0,084	0,309	-0,002	0,007	0,095	FALSE
-0,024	0,317	0,000	0,009	0,007	FALSE
-0,039	0,300	-0,001	0,007	0,065	FALSE
0,098	0,318	0,002	0,008	0,122	FALSE
0,176	0,311	0,007	0,013	0,224	FALSE
0,011	0,315	0,000	0,010	0,010	FALSE
-0,022	0,318	-0,001	0,009	0,050	FALSE
0,147	0,311	0,003	0,007	0,170	FALSE
0,046	0,305	0,001	0,009	0,022	FALSE
0,107	0,304	0,003	0,008	0,124	FALSE

0,071	0,314	0,001	0,009	0,054	FALSE
-0,079	0,298	-0,004	0,012	0,150	FALSE
-0,144	0,291	-0,003	0,007	0,206	FALSE
0,059	0,307	0,001	0,007	0,081	FALSE
0,062	0,294	0,003	0,012	0,091	FALSE
0,053	0,299	0,002	0,009	0,078	FALSE
0,014	0,313	0,000	0,007	0,003	FALSE
0,086	0,308	0,002	0,009	0,077	FALSE
-0,091	0,312	-0,003	0,011	0,117	FALSE
-0,085	0,303	-0,003	0,010	0,116	FALSE
0,071	0,299	0,002	0,010	0,073	FALSE
-0,185	0,307	-0,004	0,007	0,249	FALSE
0,073	0,303	0,002	0,008	0,109	FALSE
0,012	0,312	0,000	0,007	0,021	FALSE
-0,010	0,304	0,000	0,006	0,008	FALSE
-0,050	0,315	-0,001	0,010	0,053	FALSE
-0,090	0,309	-0,005	0,013	0,170	FALSE
-0,003	0,314	0,000	0,011	0,015	FALSE
-0,028	0,308	-0,001	0,010	0,018	FALSE
0,012	0,307	0,000	0,009	0,020	FALSE
0,077	0,307	0,003	0,013	0,086	FALSE
0,158	0,296	0,005	0,011	0,197	FALSE
-0,039	0,313	-0,002	0,012	0,050	FALSE
-0,104	0,308	-0,004	0,011	0,130	FALSE
0,084	0,307	0,002	0,007	0,130	FALSE
0,061	0,307	0,001	0,009	0,059	FALSE
0,013	0,315	0,000	0,008	0,002	FALSE
-0,016	0,311	0,000	0,008	0,022	FALSE
0,053	0,299	0,002	0,012	0,064	FALSE
0,056	0,302	0,002	0,010	0,068	FALSE
0,020	0,307	0,001	0,009	0,021	FALSE
0,051	0,297	0,002	0,011	0,077	FALSE
0,008	0,321	0,001	0,007	0,029	FALSE
0,010	0,292	0,000	0,006	0,028	FALSE
-0,007	0,301	0,000	0,006	0,006	FALSE
-0,018	0,311	0,000	0,006	0,013	FALSE
0,067	0,307	0,002	0,009	0,111	FALSE
0,068	0,316	0,003	0,009	0,113	FALSE
-0,028	0,293	0,000	0,006	0,011	FALSE
0,022	0,305	0,000	0,008	0,000	FALSE
-0,025	0,305	-0,001	0,009	0,054	FALSE
-0,005	0,316	-0,001	0,009	0,023	FALSE
-0,012	0,307	-0,001	0,008	0,038	FALSE
-0,014	0,314	-0,001	0,009	0,036	FALSE
-0,005	0,301	-0,001	0,008	0,036	FALSE
0,040	0,322	0,001	0,013	0,039	FALSE
-0,087	0,300	-0,004	0,012	0,128	FALSE
0,037	0,309	0,002	0,013	0,048	FALSE
-0,019	0,298	0,000	0,007	0,009	FALSE
-0,022	0,299	-0,001	0,010	0,035	FALSE
-0,028	0,299	-0,001	0,012	0,029	FALSE
-0,058	0,312	-0,003	0,013	0,080	FALSE
0,032	0,308	0,001	0,010	0,023	FALSE

0,113	0,302	0,003	0,006	0,185	FALSE
0,129	0,293	0,003	0,006	0,217	FALSE
0,136	0,290	0,004	0,008	0,216	FALSE
0,119	0,307	0,004	0,009	0,184	FALSE
0,063	0,310	0,001	0,010	0,053	FALSE
0,106	0,300	0,003	0,007	0,180	FALSE
0,137	0,297	0,005	0,011	0,202	FALSE
0,095	0,319	0,002	0,008	0,094	FALSE
0,087	0,310	0,002	0,009	0,082	FALSE
-0,029	0,304	-0,001	0,007	0,060	FALSE
0,054	0,312	0,001	0,006	0,054	FALSE
0,012	0,309	0,001	0,012	0,015	FALSE
0,068	0,307	0,001	0,007	0,063	FALSE
0,071	0,314	0,002	0,008	0,088	FALSE
0,005	0,314	0,000	0,012	0,007	FALSE
-0,018	0,316	0,000	0,012	0,007	FALSE
-0,136	0,286	-0,005	0,011	0,191	FALSE
0,114	0,316	0,003	0,007	0,135	FALSE
0,010	0,317	0,001	0,009	0,040	FALSE
-0,050	0,320	-0,001	0,010	0,052	FALSE
-0,028	0,301	-0,001	0,007	0,049	FALSE
0,090	0,312	0,003	0,011	0,094	FALSE
0,057	0,323	0,002	0,011	0,053	FALSE
0,041	0,300	0,001	0,006	0,045	FALSE
-0,013	0,306	0,000	0,007	0,016	FALSE
0,111	0,299	0,002	0,006	0,141	FALSE
0,015	0,320	0,001	0,007	0,046	FALSE
0,040	0,306	0,002	0,008	0,083	FALSE
-0,019	0,313	0,000	0,007	0,009	FALSE
-0,015	0,308	0,000	0,008	0,018	FALSE
-0,080	0,306	-0,003	0,010	0,107	FALSE
-0,062	0,300	-0,002	0,012	0,061	FALSE
-0,024	0,314	-0,001	0,008	0,041	FALSE
0,079	0,318	0,003	0,013	0,078	FALSE
0,075	0,300	0,003	0,012	0,089	FALSE
-0,108	0,313	-0,003	0,007	0,146	FALSE
0,056	0,310	0,002	0,012	0,068	FALSE
-0,118	0,318	-0,004	0,012	0,151	FALSE
0,022	0,314	0,001	0,010	0,020	FALSE
0,048	0,326	0,002	0,010	0,062	FALSE
-0,052	0,303	-0,002	0,011	0,082	FALSE
0,022	0,308	0,001	0,010	0,034	FALSE
-0,103	0,319	-0,004	0,012	0,131	FALSE
-0,129	0,312	-0,004	0,010	0,173	FALSE
0,149	0,313	0,006	0,013	0,209	FALSE
-0,136	0,318	-0,004	0,008	0,188	FALSE
0,008	0,311	0,001	0,009	0,024	FALSE
0,048	0,305	0,003	0,012	0,082	FALSE
0,044	0,300	0,001	0,007	0,075	FALSE
0,053	0,291	0,002	0,009	0,073	FALSE
-0,128	0,313	-0,004	0,008	0,180	FALSE
0,048	0,316	0,002	0,012	0,052	FALSE
0,019	0,310	0,000	0,012	0,008	FALSE

-0,025	0,313	-0,001	0,012	0,024	FALSE
-0,005	0,309	-0,001	0,013	0,015	FALSE
0,030	0,307	0,001	0,011	0,018	FALSE
0,109	0,316	0,003	0,007	0,147	FALSE
0,034	0,297	0,001	0,012	0,035	FALSE
0,039	0,311	0,002	0,012	0,052	FALSE
-0,029	0,330	0,000	0,008	0,019	FALSE
-0,003	0,305	0,000	0,008	0,003	FALSE
0,010	0,299	0,000	0,012	0,013	FALSE
-0,095	0,306	-0,004	0,013	0,113	FALSE
0,027	0,310	0,000	0,011	0,011	FALSE
0,052	0,295	0,001	0,011	0,046	FALSE
0,081	0,290	0,003	0,009	0,150	FALSE
0,028	0,309	0,001	0,007	0,038	FALSE
0,022	0,289	0,001	0,007	0,044	FALSE
-0,033	0,292	-0,001	0,008	0,061	FALSE
-0,011	0,315	-0,001	0,012	0,016	FALSE
0,053	0,335	0,002	0,013	0,054	FALSE
-0,046	0,317	-0,002	0,012	0,064	FALSE
-0,016	0,318	0,000	0,009	0,009	FALSE
-0,027	0,310	-0,002	0,012	0,049	FALSE
0,084	0,313	0,002	0,007	0,100	FALSE
-0,039	0,315	-0,001	0,010	0,053	FALSE
-0,189	0,304	-0,005	0,008	0,263	FALSE
-0,035	0,288	-0,002	0,010	0,066	FALSE
0,051	0,315	0,004	0,012	0,114	FALSE
0,065	0,295	0,001	0,009	0,034	FALSE
-0,064	0,317	-0,002	0,008	0,092	FALSE
0,008	0,304	0,000	0,011	0,016	FALSE
-0,019	0,315	-0,001	0,010	0,029	FALSE
-0,003	0,302	0,000	0,012	0,000	FALSE
-0,066	0,300	-0,002	0,007	0,104	FALSE
-0,149	0,312	-0,004	0,008	0,195	FALSE
-0,002	0,309	-0,001	0,011	0,037	FALSE
-0,124	0,308	-0,005	0,013	0,151	FALSE
-0,100	0,303	-0,004	0,013	0,120	FALSE
-0,024	0,322	-0,001	0,013	0,022	FALSE
-0,023	0,323	-0,001	0,013	0,024	FALSE
-0,046	0,328	-0,002	0,014	0,044	FALSE
0,032	0,313	0,000	0,009	0,002	FALSE
0,062	0,318	0,002	0,011	0,080	FALSE
-0,040	0,313	-0,001	0,010	0,033	FALSE
0,008	0,305	0,000	0,008	0,002	FALSE
-0,032	0,310	-0,001	0,009	0,044	FALSE
0,059	0,286	0,001	0,006	0,064	FALSE
-0,136	0,315	-0,004	0,008	0,198	FALSE
-0,026	0,315	-0,001	0,012	0,029	FALSE
0,019	0,330	0,001	0,011	0,019	FALSE
0,086	0,312	0,002	0,009	0,098	FALSE
0,046	0,311	0,001	0,010	0,045	FALSE
0,102	0,308	0,003	0,009	0,123	FALSE
0,085	0,310	0,002	0,007	0,135	FALSE
0,084	0,318	0,003	0,009	0,109	FALSE

0,083	0,303	0,003	0,011	0,100	FALSE
0,087	0,318	0,004	0,012	0,120	FALSE
-0,002	0,314	0,000	0,007	0,003	FALSE
0,119	0,312	0,005	0,013	0,154	FALSE
0,027	0,313	0,002	0,013	0,049	FALSE
-0,005	0,316	0,000	0,013	0,009	FALSE
0,043	0,315	0,001	0,007	0,073	FALSE
0,190	0,307	0,006	0,010	0,289	FALSE
0,016	0,321	0,000	0,010	0,005	FALSE
-0,054	0,302	-0,002	0,011	0,057	FALSE
0,105	0,304	0,003	0,010	0,127	FALSE
-0,081	0,292	-0,003	0,009	0,126	FALSE
-0,114	0,298	-0,004	0,009	0,176	FALSE
-0,034	0,310	-0,001	0,007	0,045	FALSE
0,035	0,313	0,001	0,007	0,044	FALSE
0,064	0,308	0,002	0,009	0,080	FALSE
-0,041	0,302	-0,001	0,007	0,062	FALSE
-0,036	0,323	-0,001	0,007	0,051	FALSE
0,063	0,309	0,002	0,009	0,077	FALSE
0,029	0,297	0,001	0,007	0,078	FALSE
0,133	0,317	0,003	0,008	0,145	FALSE
0,148	0,302	0,004	0,009	0,194	FALSE
0,110	0,308	0,003	0,010	0,124	FALSE
-0,073	0,294	-0,003	0,013	0,079	FALSE
-0,081	0,303	-0,003	0,010	0,102	FALSE
0,096	0,318	0,002	0,007	0,123	FALSE
-0,023	0,306	0,000	0,011	0,005	FALSE
-0,103	0,317	-0,004	0,012	0,140	FALSE
0,013	0,292	0,000	0,011	0,007	FALSE
0,029	0,315	0,001	0,008	0,044	FALSE
0,182	0,305	0,006	0,009	0,281	FALSE
0,008	0,320	0,000	0,007	0,010	FALSE
-0,142	0,302	-0,002	0,006	0,150	FALSE
-0,009	0,316	0,000	0,012	0,001	FALSE
-0,128	0,315	-0,004	0,008	0,204	FALSE
-0,009	0,315	-0,001	0,009	0,051	FALSE
-0,029	0,306	-0,001	0,008	0,063	FALSE
-0,012	0,316	-0,001	0,009	0,038	FALSE
0,045	0,304	0,001	0,013	0,027	FALSE
-0,020	0,296	-0,001	0,007	0,025	FALSE
0,193	0,298	0,004	0,007	0,271	FALSE
-0,003	0,301	0,000	0,011	0,006	FALSE
0,137	0,304	0,003	0,007	0,167	FALSE
-0,026	0,314	0,000	0,008	0,019	FALSE
0,100	0,312	0,003	0,010	0,140	FALSE
0,144	0,310	0,005	0,010	0,195	FALSE
0,157	0,312	0,005	0,009	0,214	FALSE
0,007	0,307	0,000	0,007	0,006	FALSE
0,129	0,315	0,004	0,009	0,176	FALSE
-0,016	0,311	0,000	0,012	0,015	FALSE
0,009	0,313	0,000	0,008	0,017	FALSE
-0,038	0,320	-0,002	0,013	0,047	FALSE
0,090	0,292	0,002	0,007	0,129	FALSE

-0,035	0,315	-0,002	0,012	0,051	FALSE
-0,041	0,318	-0,002	0,010	0,056	FALSE
0,092	0,300	0,003	0,007	0,164	FALSE
-0,030	0,320	-0,001	0,013	0,039	FALSE
0,071	0,313	0,002	0,009	0,072	FALSE
0,096	0,295	0,002	0,008	0,095	FALSE
-0,064	0,308	-0,002	0,008	0,072	FALSE
-0,022	0,302	0,000	0,013	0,004	FALSE
0,143	0,295	0,004	0,009	0,182	FALSE
0,031	0,306	0,001	0,012	0,038	FALSE
-0,036	0,309	-0,001	0,007	0,049	FALSE
-0,040	0,299	-0,001	0,011	0,046	FALSE
0,059	0,303	0,003	0,013	0,074	FALSE
0,091	0,296	0,004	0,013	0,108	FALSE
0,039	0,316	0,001	0,011	0,044	FALSE
0,055	0,311	0,001	0,008	0,065	FALSE
-0,017	0,312	0,000	0,007	0,015	FALSE
-0,248	0,288	-0,011	0,013	0,416	FALSE
-0,259	0,286	-0,011	0,012	0,449	FALSE
0,178	0,296	0,007	0,012	0,262	FALSE
0,209	0,313	0,008	0,013	0,292	FALSE
0,185	0,306	0,008	0,012	0,271	FALSE
0,003	0,304	0,000	0,011	0,012	FALSE
0,077	0,310	0,002	0,013	0,071	FALSE
0,019	0,287	0,000	0,012	0,003	FALSE
0,061	0,326	0,002	0,010	0,075	FALSE
-0,069	0,325	-0,002	0,010	0,093	FALSE
-0,102	0,300	-0,005	0,011	0,165	FALSE
-0,094	0,305	-0,004	0,012	0,140	FALSE
0,050	0,316	0,001	0,007	0,061	FALSE
-0,073	0,315	-0,001	0,007	0,063	FALSE
0,088	0,315	0,002	0,008	0,118	FALSE
-0,091	0,299	-0,003	0,012	0,111	FALSE
-0,057	0,300	-0,001	0,007	0,060	FALSE
0,124	0,302	0,003	0,008	0,163	FALSE
0,200	0,306	0,005	0,008	0,293	FALSE
-0,023	0,306	0,000	0,009	0,013	FALSE
-0,122	0,310	-0,004	0,010	0,156	FALSE
-0,005	0,315	0,001	0,010	0,022	FALSE
0,116	0,308	0,003	0,009	0,144	FALSE
0,017	0,313	0,001	0,009	0,036	FALSE
0,104	0,309	0,003	0,009	0,127	FALSE
0,053	0,316	0,001	0,006	0,038	FALSE
-0,095	0,313	-0,005	0,013	0,152	FALSE
0,061	0,299	0,001	0,006	0,041	FALSE
0,033	0,312	0,001	0,008	0,033	FALSE
-0,140	0,299	-0,003	0,006	0,203	FALSE
0,086	0,308	0,002	0,006	0,120	FALSE
0,071	0,303	0,001	0,008	0,060	FALSE
-0,091	0,306	-0,004	0,012	0,118	FALSE
0,128	0,295	0,004	0,007	0,245	FALSE
-0,058	0,319	-0,001	0,008	0,072	FALSE
0,058	0,308	0,002	0,010	0,078	FALSE

0,063	0,301	0,002	0,009	0,102	FALSE
0,025	0,303	0,001	0,007	0,027	FALSE
0,024	0,304	0,000	0,007	0,016	FALSE
0,049	0,305	0,001	0,008	0,062	FALSE
0,079	0,289	0,002	0,008	0,100	FALSE
0,063	0,309	0,001	0,006	0,061	FALSE
0,091	0,305	0,003	0,009	0,114	FALSE
-0,026	0,309	0,000	0,007	0,008	FALSE
-0,094	0,306	-0,003	0,009	0,134	FALSE
0,087	0,301	0,003	0,008	0,136	FALSE
-0,093	0,315	-0,003	0,010	0,127	FALSE
-0,093	0,302	-0,002	0,006	0,146	FALSE
0,112	0,302	0,004	0,011	0,140	FALSE
0,158	0,297	0,005	0,011	0,215	FALSE
0,149	0,308	0,003	0,007	0,202	FALSE
0,053	0,294	0,002	0,010	0,071	FALSE
0,011	0,299	0,000	0,009	0,012	FALSE
0,117	0,309	0,005	0,011	0,176	FALSE
0,023	0,316	0,001	0,009	0,024	FALSE
0,021	0,302	0,001	0,013	0,031	FALSE
0,071	0,285	0,003	0,012	0,096	FALSE
-0,005	0,311	0,000	0,011	0,005	FALSE
-0,045	0,303	-0,002	0,013	0,054	FALSE
-0,078	0,304	-0,004	0,011	0,135	FALSE
0,006	0,321	-0,001	0,013	0,013	FALSE
-0,012	0,307	-0,001	0,011	0,019	FALSE
0,041	0,317	0,001	0,009	0,024	FALSE
0,083	0,303	0,002	0,009	0,079	FALSE
-0,083	0,302	-0,003	0,012	0,100	FALSE
0,156	0,289	0,007	0,011	0,256	FALSE
-0,126	0,309	-0,006	0,012	0,228	FALSE
0,088	0,323	0,004	0,012	0,119	FALSE
-0,092	0,302	-0,002	0,008	0,092	FALSE
0,077	0,299	0,002	0,008	0,115	FALSE
-0,025	0,303	0,000	0,006	0,013	FALSE
-0,030	0,309	0,000	0,007	0,002	FALSE
-0,036	0,306	-0,001	0,012	0,025	FALSE
-0,010	0,299	0,000	0,013	0,011	FALSE
-0,079	0,301	-0,002	0,009	0,090	FALSE
-0,008	0,323	-0,001	0,011	0,023	FALSE
-0,076	0,292	-0,003	0,011	0,092	FALSE
0,090	0,301	0,004	0,012	0,114	FALSE
0,092	0,298	0,004	0,012	0,120	FALSE
-0,121	0,296	-0,006	0,010	0,232	FALSE
-0,030	0,307	0,000	0,009	0,014	FALSE
0,039	0,313	0,001	0,009	0,044	FALSE
0,073	0,311	0,003	0,011	0,106	FALSE
-0,016	0,314	-0,001	0,013	0,029	FALSE
0,004	0,316	0,000	0,009	0,004	FALSE
-0,027	0,301	-0,001	0,007	0,039	FALSE
0,106	0,312	0,003	0,010	0,137	FALSE
-0,048	0,305	-0,002	0,012	0,072	FALSE
0,052	0,320	0,002	0,013	0,044	FALSE

-0,024	0,303	0,000	0,007	0,005	FALSE
-0,071	0,301	-0,001	0,007	0,070	FALSE
0,071	0,313	0,002	0,011	0,082	FALSE
0,053	0,318	0,002	0,011	0,055	FALSE
-0,137	0,296	-0,004	0,011	0,153	FALSE
0,018	0,301	0,001	0,007	0,025	FALSE
-0,025	0,306	-0,001	0,009	0,048	FALSE
-0,112	0,301	-0,005	0,012	0,174	FALSE
-0,015	0,298	0,000	0,007	0,005	FALSE
-0,027	0,292	-0,001	0,009	0,030	FALSE
0,006	0,305	0,001	0,010	0,024	FALSE
0,019	0,310	0,002	0,013	0,059	FALSE
-0,103	0,295	-0,003	0,008	0,129	FALSE
0,049	0,289	0,003	0,012	0,109	FALSE
-0,067	0,291	-0,001	0,007	0,074	FALSE
0,053	0,307	0,002	0,013	0,047	FALSE
0,032	0,306	0,002	0,009	0,078	FALSE
-0,094	0,309	-0,002	0,007	0,092	FALSE
0,001	0,319	0,001	0,013	0,029	FALSE
-0,020	0,316	-0,001	0,012	0,021	FALSE
0,081	0,290	0,002	0,006	0,135	FALSE
-0,110	0,307	-0,003	0,009	0,149	FALSE
-0,050	0,308	-0,003	0,013	0,094	FALSE
-0,027	0,302	-0,001	0,008	0,036	FALSE
-0,014	0,303	0,000	0,007	0,012	FALSE
-0,105	0,310	-0,003	0,009	0,139	FALSE
0,012	0,314	0,001	0,009	0,028	FALSE
-0,038	0,326	-0,001	0,008	0,029	FALSE
0,085	0,328	0,002	0,008	0,108	FALSE
0,085	0,306	0,003	0,009	0,133	FALSE
-0,147	0,290	-0,005	0,010	0,215	FALSE
-0,050	0,298	-0,001	0,006	0,059	FALSE
0,062	0,311	0,002	0,012	0,050	FALSE
-0,050	0,298	-0,002	0,010	0,061	FALSE
0,073	0,302	0,002	0,009	0,089	FALSE
0,073	0,297	0,002	0,006	0,108	FALSE
-0,024	0,311	-0,001	0,010	0,041	FALSE
0,074	0,307	0,003	0,009	0,127	FALSE
-0,116	0,287	-0,003	0,008	0,147	FALSE
-0,001	0,320	0,001	0,009	0,031	FALSE
0,055	0,312	0,002	0,013	0,064	FALSE
0,020	0,314	0,001	0,012	0,028	FALSE
-0,007	0,309	0,000	0,012	0,001	FALSE
0,024	0,306	0,002	0,010	0,074	FALSE
-0,012	0,321	0,000	0,013	0,012	FALSE
0,032	0,304	0,001	0,012	0,042	FALSE
-0,040	0,316	-0,001	0,013	0,029	FALSE
-0,098	0,309	-0,004	0,011	0,140	FALSE
-0,038	0,304	0,000	0,010	0,013	FALSE
-0,061	0,304	-0,002	0,011	0,082	FALSE
-0,035	0,310	0,000	0,011	0,000	FALSE
-0,140	0,305	-0,005	0,010	0,226	FALSE
0,023	0,323	0,001	0,008	0,041	FALSE

0,039	0,294	0,004	0,012	0,117	FALSE
-0,006	0,306	0,002	0,013	0,051	FALSE
0,008	0,313	0,000	0,011	0,013	FALSE
0,099	0,300	0,004	0,009	0,168	FALSE
-0,037	0,306	-0,001	0,008	0,036	FALSE
-0,084	0,311	-0,003	0,012	0,113	FALSE
-0,056	0,317	-0,003	0,013	0,073	FALSE
-0,052	0,306	-0,001	0,010	0,035	FALSE
-0,021	0,312	-0,001	0,008	0,043	FALSE
-0,012	0,313	0,000	0,008	0,018	FALSE
0,042	0,306	0,002	0,007	0,094	FALSE
0,047	0,314	0,002	0,012	0,058	FALSE
0,000	0,304	0,000	0,012	0,007	FALSE
0,113	0,312	0,003	0,008	0,149	FALSE
0,112	0,308	0,003	0,008	0,152	FALSE
0,018	0,304	0,001	0,011	0,019	FALSE
0,015	0,308	0,001	0,013	0,028	FALSE
-0,114	0,294	-0,004	0,010	0,163	FALSE
-0,033	0,322	-0,001	0,007	0,039	FALSE
0,064	0,301	0,001	0,006	0,071	FALSE
-0,026	0,310	-0,001	0,008	0,045	FALSE
0,104	0,305	0,003	0,009	0,130	FALSE
0,073	0,331	0,003	0,012	0,087	FALSE
-0,095	0,303	-0,004	0,012	0,122	FALSE
-0,111	0,313	-0,004	0,011	0,131	FALSE
0,044	0,316	0,002	0,011	0,063	FALSE
0,036	0,308	0,001	0,010	0,042	FALSE
-0,044	0,311	-0,002	0,013	0,063	FALSE
0,016	0,296	0,001	0,010	0,021	FALSE
0,161	0,296	0,005	0,009	0,216	FALSE
0,124	0,307	0,003	0,009	0,150	FALSE
-0,077	0,299	-0,004	0,012	0,120	FALSE
0,083	0,308	0,002	0,007	0,117	FALSE
0,060	0,311	0,002	0,007	0,103	FALSE
-0,070	0,311	-0,003	0,013	0,101	FALSE
0,013	0,310	0,000	0,007	0,003	FALSE
0,074	0,310	0,003	0,011	0,104	FALSE
-0,069	0,307	-0,001	0,006	0,063	FALSE
-0,051	0,303	-0,001	0,008	0,045	FALSE
-0,060	0,307	-0,001	0,012	0,044	FALSE
-0,131	0,302	-0,005	0,012	0,196	FALSE
0,052	0,316	0,001	0,007	0,075	FALSE
-0,023	0,312	-0,001	0,011	0,035	FALSE
0,013	0,313	0,001	0,013	0,039	FALSE
-0,006	0,310	0,000	0,009	0,016	FALSE
0,074	0,312	0,001	0,007	0,080	FALSE
0,017	0,298	0,001	0,009	0,039	FALSE
-0,020	0,303	-0,001	0,012	0,025	FALSE
0,078	0,314	0,003	0,010	0,104	FALSE
0,054	0,320	0,001	0,007	0,032	FALSE
-0,162	0,297	-0,003	0,007	0,199	FALSE
-0,003	0,289	-0,001	0,009	0,039	FALSE
0,019	0,311	0,001	0,007	0,066	FALSE

0,052	0,303	0,002	0,013	0,060	FALSE
-0,012	0,303	0,000	0,011	0,002	FALSE
0,103	0,292	0,003	0,007	0,155	FALSE
-0,110	0,312	-0,003	0,008	0,131	FALSE
-0,021	0,311	0,000	0,011	0,006	FALSE
-0,048	0,304	-0,001	0,010	0,035	FALSE
-0,018	0,312	0,000	0,007	0,026	FALSE
-0,071	0,303	-0,003	0,012	0,094	FALSE
0,127	0,285	0,003	0,007	0,199	FALSE
-0,022	0,293	0,000	0,010	0,013	FALSE
-0,031	0,315	-0,001	0,011	0,021	FALSE
-0,051	0,316	-0,001	0,011	0,043	FALSE
-0,077	0,297	-0,002	0,010	0,088	FALSE
0,016	0,295	0,000	0,006	0,019	FALSE
-0,121	0,304	-0,004	0,011	0,167	FALSE
-0,076	0,306	-0,004	0,012	0,129	FALSE
-0,056	0,306	-0,002	0,012	0,062	FALSE
-0,122	0,309	-0,006	0,013	0,179	FALSE
-0,080	0,295	-0,002	0,008	0,072	FALSE
-0,069	0,298	-0,004	0,012	0,113	FALSE
0,105	0,306	0,005	0,012	0,165	FALSE
-0,003	0,311	0,000	0,011	0,002	FALSE
-0,165	0,286	-0,007	0,012	0,243	FALSE
-0,043	0,312	-0,002	0,013	0,069	FALSE
-0,038	0,287	-0,001	0,006	0,040	FALSE
0,041	0,305	0,002	0,010	0,088	FALSE
0,097	0,308	0,003	0,009	0,111	FALSE
-0,009	0,295	0,000	0,007	0,014	FALSE
-0,160	0,311	-0,006	0,013	0,189	FALSE
-0,111	0,311	-0,003	0,008	0,121	FALSE
-0,051	0,328	-0,001	0,010	0,035	FALSE
0,088	0,309	0,003	0,011	0,127	FALSE
0,016	0,317	0,001	0,009	0,032	FALSE
0,017	0,312	0,001	0,009	0,036	FALSE
-0,011	0,308	0,000	0,010	0,005	FALSE
0,112	0,297	0,003	0,008	0,129	FALSE
0,040	0,292	0,000	0,011	0,011	FALSE
0,054	0,303	0,002	0,011	0,082	FALSE
-0,089	0,304	-0,002	0,009	0,107	FALSE
0,102	0,304	0,003	0,011	0,120	FALSE
-0,011	0,313	0,000	0,011	0,007	FALSE
0,000	0,325	0,001	0,011	0,019	FALSE
0,025	0,307	0,000	0,010	0,012	FALSE
0,049	0,304	0,003	0,012	0,083	FALSE
0,070	0,308	0,003	0,009	0,109	FALSE
-0,145	0,305	-0,004	0,008	0,178	FALSE
0,173	0,299	0,004	0,008	0,239	FALSE
0,048	0,308	0,002	0,007	0,089	FALSE
0,003	0,312	0,000	0,009	0,012	FALSE
-0,064	0,311	-0,001	0,007	0,076	FALSE
-0,016	0,314	-0,001	0,012	0,032	FALSE
-0,014	0,309	-0,001	0,012	0,021	FALSE
0,042	0,308	0,001	0,007	0,070	FALSE

-0,050	0,310	-0,002	0,011	0,061	FALSE
0,024	0,306	0,001	0,013	0,030	FALSE
0,049	0,294	0,002	0,011	0,068	FALSE
0,008	0,308	0,000	0,007	0,010	FALSE
-0,032	0,303	0,000	0,010	0,012	FALSE
0,181	0,301	0,005	0,008	0,283	FALSE
0,031	0,300	0,001	0,008	0,048	FALSE
-0,113	0,306	-0,005	0,012	0,168	FALSE
-0,022	0,299	-0,001	0,011	0,047	FALSE
0,016	0,313	0,000	0,007	0,020	FALSE
-0,028	0,304	-0,002	0,012	0,063	FALSE
0,092	0,308	0,002	0,007	0,108	FALSE
0,005	0,310	0,000	0,008	0,005	FALSE
-0,131	0,306	-0,005	0,010	0,184	FALSE
-0,199	0,282	-0,009	0,012	0,355	FALSE
-0,011	0,312	-0,001	0,013	0,014	FALSE
-0,046	0,310	-0,001	0,007	0,073	FALSE
0,059	0,311	0,002	0,007	0,098	FALSE
-0,014	0,303	0,000	0,006	0,015	FALSE
-0,007	0,307	-0,001	0,009	0,027	FALSE
0,058	0,313	0,001	0,008	0,049	FALSE
-0,051	0,295	-0,001	0,007	0,061	FALSE
-0,028	0,302	-0,001	0,007	0,030	FALSE
-0,023	0,315	0,000	0,012	0,013	FALSE
0,025	0,306	0,002	0,011	0,052	FALSE
0,065	0,314	0,002	0,013	0,064	FALSE
-0,019	0,311	0,000	0,010	0,013	FALSE
-0,025	0,314	0,000	0,007	0,010	FALSE
-0,042	0,317	-0,001	0,007	0,031	FALSE
0,021	0,297	0,001	0,009	0,032	FALSE
0,088	0,297	0,003	0,009	0,131	FALSE
-0,076	0,300	-0,003	0,011	0,088	FALSE
-0,083	0,309	-0,003	0,009	0,135	FALSE
-0,054	0,287	-0,002	0,009	0,099	FALSE
0,030	0,322	0,001	0,011	0,025	FALSE
0,004	0,309	-0,001	0,011	0,028	FALSE
0,056	0,299	0,002	0,008	0,084	FALSE
0,083	0,310	0,002	0,008	0,091	FALSE
0,012	0,316	0,002	0,012	0,051	FALSE
-0,031	0,298	-0,002	0,012	0,055	FALSE
-0,021	0,292	-0,001	0,010	0,042	FALSE
-0,041	0,311	-0,002	0,010	0,063	FALSE
0,052	0,311	0,002	0,013	0,058	FALSE
-0,019	0,313	-0,001	0,009	0,020	FALSE
0,040	0,299	0,002	0,013	0,071	FALSE
-0,108	0,312	-0,002	0,008	0,120	TRUE
-0,097	0,305	-0,002	0,008	0,111	FALSE
0,017	0,324	0,000	0,008	0,013	FALSE
-0,006	0,316	0,000	0,007	0,014	FALSE
0,004	0,314	0,000	0,011	0,016	FALSE
-0,023	0,305	-0,001	0,009	0,043	FALSE
0,001	0,302	0,001	0,008	0,047	FALSE
0,050	0,303	0,002	0,012	0,050	FALSE

-0,095	0,315	-0,005	0,012	0,151	FALSE
0,105	0,312	0,003	0,008	0,153	FALSE
-0,032	0,310	-0,001	0,013	0,021	FALSE
0,067	0,303	0,003	0,013	0,092	FALSE
-0,009	0,291	-0,001	0,007	0,032	FALSE
0,121	0,295	0,005	0,012	0,158	FALSE
-0,019	0,309	-0,001	0,011	0,034	FALSE
-0,040	0,320	-0,001	0,009	0,049	FALSE
-0,042	0,323	-0,001	0,009	0,049	FALSE
0,015	0,313	0,000	0,013	0,008	FALSE
-0,055	0,307	-0,002	0,013	0,066	FALSE
0,061	0,304	0,001	0,012	0,040	FALSE
0,124	0,311	0,003	0,009	0,143	FALSE
0,106	0,312	0,003	0,009	0,149	FALSE
-0,143	0,307	-0,003	0,006	0,195	FALSE
-0,019	0,311	-0,001	0,008	0,037	FALSE
0,066	0,284	0,003	0,011	0,090	FALSE
-0,116	0,297	-0,003	0,009	0,149	FALSE
0,011	0,313	0,001	0,013	0,020	FALSE
-0,074	0,304	-0,002	0,008	0,084	FALSE
0,001	0,299	0,000	0,010	0,002	FALSE
0,028	0,312	0,001	0,008	0,044	FALSE
0,011	0,314	0,001	0,010	0,023	FALSE
0,010	0,301	0,001	0,010	0,023	FALSE
0,023	0,319	0,001	0,010	0,039	FALSE
-0,070	0,309	-0,002	0,008	0,076	FALSE
0,132	0,312	0,003	0,007	0,189	FALSE
0,032	0,299	0,002	0,011	0,057	FALSE
0,090	0,306	0,002	0,007	0,122	FALSE
-0,052	0,317	-0,001	0,007	0,068	FALSE
0,077	0,312	0,001	0,009	0,054	FALSE
0,097	0,315	0,004	0,012	0,126	FALSE
0,118	0,308	0,004	0,012	0,150	FALSE
0,116	0,312	0,005	0,012	0,150	FALSE
-0,051	0,319	-0,002	0,009	0,066	FALSE
-0,016	0,311	0,000	0,006	0,023	FALSE
0,058	0,311	0,002	0,013	0,061	FALSE
0,037	0,308	0,002	0,012	0,078	FALSE
0,109	0,307	0,005	0,010	0,180	FALSE
-0,056	0,301	-0,001	0,009	0,037	FALSE
-0,055	0,302	-0,001	0,007	0,039	FALSE
0,034	0,308	0,001	0,009	0,039	FALSE
0,026	0,322	0,001	0,013	0,038	FALSE
-0,039	0,310	-0,001	0,007	0,065	FALSE
-0,011	0,291	0,000	0,008	0,002	FALSE
-0,016	0,280	0,000	0,007	0,009	FALSE
-0,071	0,310	-0,002	0,009	0,108	FALSE
-0,068	0,324	-0,002	0,010	0,095	FALSE
0,049	0,313	0,002	0,013	0,066	FALSE
-0,020	0,305	0,000	0,009	0,019	FALSE
-0,047	0,306	-0,001	0,007	0,072	FALSE
0,080	0,306	0,002	0,010	0,081	FALSE
0,005	0,303	0,000	0,007	0,000	FALSE

0,101	0,295	0,003	0,010	0,110	FALSE
-0,179	0,289	-0,005	0,008	0,249	FALSE
-0,083	0,299	-0,003	0,012	0,088	FALSE
-0,024	0,310	0,000	0,006	0,017	FALSE
-0,112	0,285	-0,002	0,006	0,120	FALSE
-0,119	0,314	-0,002	0,008	0,108	FALSE
0,224	0,294	0,007	0,008	0,431	FALSE
0,227	0,291	0,008	0,008	0,467	FALSE
0,090	0,298	0,003	0,012	0,109	FALSE
0,061	0,300	0,002	0,010	0,093	FALSE
-0,110	0,303	-0,003	0,010	0,123	FALSE
-0,114	0,305	-0,004	0,013	0,138	FALSE
-0,101	0,312	-0,004	0,013	0,118	FALSE
-0,027	0,300	0,000	0,008	0,020	FALSE
-0,023	0,317	-0,001	0,007	0,033	FALSE
-0,085	0,312	-0,003	0,011	0,098	FALSE
-0,127	0,310	-0,004	0,009	0,176	FALSE
-0,090	0,311	-0,005	0,012	0,152	FALSE
-0,114	0,300	-0,005	0,011	0,176	FALSE
0,057	0,304	0,002	0,010	0,055	FALSE
-0,088	0,309	-0,002	0,008	0,104	FALSE
-0,101	0,326	-0,003	0,008	0,133	FALSE
-0,001	0,299	0,001	0,012	0,022	FALSE
-0,030	0,310	0,000	0,013	0,013	FALSE
-0,026	0,307	-0,002	0,009	0,067	FALSE
-0,055	0,316	-0,001	0,011	0,047	FALSE
-0,028	0,308	0,000	0,008	0,014	FALSE
-0,032	0,318	-0,001	0,008	0,027	FALSE
0,085	0,312	0,004	0,013	0,135	FALSE
0,095	0,302	0,005	0,012	0,145	FALSE
-0,072	0,303	-0,002	0,008	0,104	FALSE
0,068	0,287	0,002	0,008	0,127	FALSE
0,042	0,315	0,002	0,010	0,063	FALSE
0,060	0,297	0,003	0,011	0,116	FALSE
0,068	0,285	0,004	0,010	0,133	FALSE
-0,114	0,317	-0,003	0,010	0,134	FALSE
-0,060	0,318	-0,002	0,007	0,084	FALSE
-0,012	0,312	0,000	0,007	0,022	FALSE
0,077	0,313	0,002	0,010	0,089	FALSE
-0,014	0,318	-0,001	0,007	0,036	FALSE
-0,083	0,318	-0,003	0,008	0,128	FALSE
0,026	0,310	0,001	0,008	0,042	FALSE
0,084	0,305	0,003	0,011	0,094	FALSE
-0,035	0,300	-0,002	0,010	0,065	FALSE
0,084	0,290	0,002	0,007	0,122	FALSE
-0,027	0,303	-0,002	0,012	0,050	FALSE
-0,060	0,307	-0,001	0,007	0,038	FALSE
0,016	0,325	0,001	0,009	0,025	FALSE
-0,100	0,291	-0,002	0,006	0,166	FALSE
-0,114	0,312	-0,005	0,013	0,141	FALSE
0,066	0,305	0,002	0,008	0,106	FALSE
0,004	0,314	0,001	0,010	0,037	FALSE
0,026	0,303	0,002	0,009	0,067	FALSE

0,029	0,307	0,002	0,010	0,069	FALSE
-0,028	0,312	-0,002	0,013	0,068	FALSE
0,022	0,323	0,001	0,010	0,027	FALSE
0,055	0,309	0,003	0,013	0,080	FALSE
0,058	0,291	0,002	0,007	0,101	FALSE
0,057	0,304	0,002	0,010	0,066	FALSE
0,007	0,316	0,000	0,011	0,015	FALSE
0,007	0,300	0,000	0,007	0,004	FALSE
0,155	0,310	0,003	0,007	0,183	FALSE
-0,036	0,306	-0,002	0,012	0,056	FALSE
-0,044	0,305	-0,003	0,012	0,083	FALSE
-0,007	0,314	-0,001	0,012	0,018	FALSE
0,060	0,300	0,002	0,013	0,061	FALSE
-0,036	0,307	-0,002	0,009	0,060	FALSE
0,008	0,308	0,000	0,013	0,013	FALSE
-0,082	0,297	-0,003	0,007	0,144	FALSE
0,037	0,294	0,001	0,006	0,046	FALSE
0,000	0,314	0,000	0,011	0,010	FALSE
-0,123	0,309	-0,004	0,011	0,127	FALSE
-0,111	0,290	-0,004	0,012	0,137	FALSE
0,025	0,313	0,001	0,008	0,029	FALSE
-0,102	0,314	-0,004	0,011	0,149	FALSE
0,185	0,303	0,006	0,010	0,249	FALSE
-0,200	0,292	-0,009	0,012	0,346	FALSE
-0,052	0,307	-0,001	0,007	0,067	FALSE
-0,099	0,320	-0,002	0,008	0,114	FALSE
-0,003	0,299	0,000	0,008	0,005	FALSE
-0,215	0,310	-0,005	0,007	0,304	FALSE
-0,194	0,318	-0,007	0,011	0,271	FALSE
0,064	0,304	0,002	0,008	0,109	FALSE
0,000	0,317	0,000	0,011	0,004	FALSE
0,018	0,313	0,001	0,011	0,034	FALSE
0,037	0,310	0,002	0,011	0,057	FALSE
0,022	0,297	0,001	0,008	0,070	FALSE
0,055	0,316	0,002	0,011	0,065	FALSE
-0,110	0,306	-0,004	0,010	0,141	FALSE
0,117	0,309	0,004	0,009	0,161	FALSE
0,029	0,287	0,000	0,010	0,002	FALSE
-0,045	0,292	-0,002	0,011	0,088	FALSE
0,084	0,283	0,002	0,009	0,080	FALSE
0,087	0,306	0,003	0,013	0,080	FALSE
-0,179	0,304	-0,004	0,007	0,237	FALSE
-0,039	0,318	-0,001	0,007	0,041	FALSE
-0,204	0,301	-0,008	0,012	0,281	FALSE
-0,092	0,313	-0,002	0,006	0,117	FALSE
0,144	0,303	0,004	0,008	0,221	FALSE
-0,085	0,314	-0,002	0,011	0,085	FALSE
-0,079	0,300	-0,003	0,008	0,123	FALSE
0,108	0,316	0,004	0,013	0,133	FALSE
-0,083	0,315	-0,002	0,010	0,089	FALSE
0,129	0,313	0,005	0,013	0,144	FALSE
0,048	0,304	0,002	0,012	0,071	FALSE
0,201	0,298	0,005	0,007	0,294	FALSE

0,054	0,319	0,001	0,007	0,061	FALSE
0,067	0,308	0,002	0,012	0,060	FALSE
-0,074	0,306	-0,003	0,013	0,085	FALSE
-0,020	0,319	-0,001	0,007	0,047	FALSE
0,017	0,312	0,000	0,013	0,007	FALSE
-0,065	0,315	-0,001	0,008	0,070	FALSE
0,076	0,307	0,001	0,006	0,084	FALSE
-0,012	0,289	-0,001	0,008	0,051	FALSE
-0,066	0,316	-0,003	0,013	0,079	FALSE
-0,086	0,305	-0,002	0,011	0,073	FALSE
-0,095	0,287	-0,004	0,012	0,140	FALSE
-0,078	0,298	-0,003	0,010	0,113	FALSE
-0,118	0,298	-0,004	0,011	0,151	FALSE
0,087	0,309	0,002	0,008	0,092	FALSE
0,125	0,298	0,004	0,008	0,188	FALSE
-0,030	0,303	0,000	0,007	0,021	FALSE
-0,067	0,324	-0,001	0,012	0,040	FALSE
0,016	0,324	0,000	0,010	0,013	FALSE
0,090	0,312	0,002	0,009	0,097	FALSE
0,105	0,290	0,003	0,011	0,089	FALSE
0,002	0,293	-0,001	0,010	0,023	FALSE
-0,074	0,302	-0,002	0,012	0,067	FALSE
-0,056	0,290	-0,001	0,011	0,043	FALSE
0,067	0,317	0,003	0,012	0,096	FALSE
-0,028	0,309	-0,001	0,012	0,019	FALSE
0,032	0,311	0,000	0,009	0,019	FALSE
0,045	0,300	0,001	0,011	0,047	FALSE
-0,084	0,306	-0,002	0,007	0,088	FALSE
0,067	0,308	0,002	0,007	0,103	FALSE
-0,104	0,297	-0,005	0,012	0,152	FALSE
0,019	0,303	0,000	0,007	0,019	FALSE
-0,187	0,308	-0,004	0,007	0,234	FALSE
-0,081	0,312	-0,003	0,012	0,095	FALSE
0,182	0,306	0,007	0,012	0,255	FALSE
0,130	0,309	0,004	0,011	0,162	FALSE
0,136	0,298	0,003	0,007	0,198	FALSE
0,074	0,314	0,001	0,008	0,072	FALSE
0,134	0,303	0,004	0,008	0,192	FALSE
-0,077	0,295	-0,003	0,011	0,099	FALSE
0,011	0,291	0,000	0,006	0,011	FALSE
0,149	0,297	0,003	0,006	0,224	FALSE
0,170	0,288	0,003	0,006	0,253	FALSE
-0,154	0,295	-0,003	0,006	0,201	FALSE
-0,085	0,318	-0,002	0,008	0,094	FALSE
-0,142	0,297	-0,003	0,007	0,179	FALSE
0,136	0,310	0,004	0,008	0,196	FALSE
0,002	0,309	0,000	0,009	0,006	FALSE
0,032	0,294	0,000	0,007	0,021	FALSE
0,077	0,307	0,001	0,007	0,079	FALSE
-0,096	0,299	-0,002	0,007	0,108	FALSE
0,027	0,319	0,001	0,008	0,034	FALSE
-0,003	0,296	0,000	0,009	0,003	FALSE
0,164	0,293	0,004	0,007	0,263	FALSE

-0,106	0,308	-0,003	0,008	0,137	FALSE
-0,112	0,322	-0,003	0,008	0,145	FALSE
-0,123	0,317	-0,003	0,008	0,138	FALSE
-0,075	0,314	-0,002	0,006	0,103	FALSE
0,078	0,302	0,003	0,010	0,115	FALSE
0,011	0,311	0,000	0,013	0,010	FALSE
0,127	0,304	0,004	0,009	0,161	FALSE
0,035	0,309	0,001	0,012	0,017	FALSE
-0,077	0,307	-0,002	0,010	0,085	FALSE
0,013	0,308	-0,001	0,012	0,018	FALSE
-0,082	0,314	-0,003	0,010	0,098	FALSE
0,009	0,317	-0,001	0,012	0,026	FALSE
-0,057	0,313	-0,003	0,012	0,082	FALSE
0,049	0,306	0,001	0,009	0,052	FALSE
-0,035	0,315	-0,002	0,013	0,072	FALSE
-0,001	0,315	0,000	0,008	0,006	FALSE
-0,058	0,310	-0,001	0,007	0,069	FALSE
0,026	0,297	0,002	0,011	0,056	FALSE
-0,055	0,299	-0,001	0,006	0,037	FALSE
0,055	0,290	0,001	0,008	0,041	FALSE
-0,013	0,310	0,000	0,010	0,005	FALSE
-0,077	0,300	-0,002	0,013	0,069	FALSE
-0,074	0,307	-0,002	0,012	0,066	FALSE
0,050	0,309	0,001	0,010	0,055	FALSE
0,090	0,295	0,002	0,010	0,075	FALSE
0,176	0,293	0,006	0,012	0,214	FALSE
0,154	0,301	0,005	0,011	0,159	FALSE
0,154	0,304	0,003	0,007	0,166	FALSE
0,173	0,285	0,005	0,011	0,200	FALSE
0,004	0,319	0,000	0,010	0,002	FALSE
0,132	0,306	0,003	0,007	0,183	FALSE
-0,002	0,313	-0,001	0,012	0,021	FALSE
0,049	0,310	0,001	0,007	0,075	FALSE
0,034	0,313	0,001	0,008	0,026	FALSE
0,044	0,293	0,002	0,008	0,096	FALSE
0,010	0,296	0,001	0,008	0,038	FALSE
-0,004	0,320	0,000	0,007	0,010	FALSE
-0,034	0,324	-0,001	0,011	0,044	FALSE
0,001	0,296	0,001	0,007	0,046	FALSE
0,135	0,289	0,003	0,007	0,166	FALSE
-0,009	0,298	0,000	0,009	0,013	FALSE
-0,014	0,313	0,000	0,007	0,025	FALSE
0,026	0,314	0,001	0,012	0,030	FALSE
0,029	0,299	0,001	0,012	0,024	FALSE
-0,054	0,303	-0,001	0,008	0,052	FALSE
0,009	0,304	0,000	0,007	0,009	FALSE
-0,057	0,303	-0,001	0,007	0,039	FALSE
-0,061	0,312	-0,002	0,008	0,100	FALSE
-0,068	0,312	-0,002	0,010	0,072	FALSE
-0,033	0,307	-0,001	0,009	0,030	FALSE
0,010	0,310	0,000	0,009	0,002	FALSE
0,057	0,304	0,002	0,009	0,076	FALSE
0,065	0,317	0,002	0,011	0,075	FALSE

-0,059	0,302	-0,002	0,009	0,098	FALSE
-0,081	0,328	-0,002	0,009	0,067	FALSE
0,049	0,299	0,002	0,010	0,084	FALSE
0,041	0,290	0,002	0,009	0,090	FALSE
-0,056	0,312	-0,002	0,011	0,087	FALSE
0,041	0,314	0,002	0,009	0,068	FALSE
-0,008	0,308	0,000	0,010	0,011	FALSE
-0,008	0,316	-0,001	0,011	0,022	FALSE
0,045	0,301	0,002	0,010	0,084	FALSE
-0,015	0,325	0,000	0,008	0,007	FALSE
0,047	0,311	0,001	0,010	0,040	FALSE
-0,029	0,311	-0,001	0,013	0,042	FALSE
0,122	0,310	0,004	0,011	0,146	FALSE
-0,087	0,323	-0,003	0,012	0,090	FALSE
-0,015	0,298	0,000	0,007	0,020	FALSE
-0,005	0,301	0,000	0,009	0,016	FALSE
-0,107	0,300	-0,002	0,007	0,127	FALSE
0,013	0,295	0,001	0,013	0,027	FALSE
0,053	0,309	0,001	0,007	0,069	FALSE
-0,014	0,303	-0,001	0,008	0,025	FALSE
0,052	0,295	0,002	0,008	0,072	FALSE
0,162	0,310	0,004	0,010	0,184	FALSE
-0,168	0,302	-0,006	0,010	0,245	FALSE
0,006	0,318	0,001	0,010	0,041	FALSE
0,076	0,308	0,002	0,013	0,055	FALSE
-0,047	0,308	-0,001	0,006	0,068	FALSE
-0,008	0,311	0,000	0,008	0,004	FALSE
0,049	0,320	0,002	0,009	0,071	FALSE
-0,068	0,305	-0,003	0,013	0,101	FALSE
0,052	0,321	0,001	0,006	0,077	FALSE
0,013	0,296	0,001	0,012	0,015	FALSE
0,045	0,310	0,003	0,013	0,071	FALSE
0,025	0,317	0,001	0,008	0,035	FALSE
-0,131	0,318	-0,004	0,007	0,200	FALSE
0,127	0,304	0,005	0,012	0,157	FALSE
-0,099	0,311	-0,003	0,008	0,148	FALSE
-0,173	0,317	-0,006	0,012	0,211	FALSE
-0,137	0,294	-0,005	0,012	0,186	FALSE
0,024	0,308	0,001	0,007	0,045	FALSE
-0,009	0,299	0,000	0,012	0,003	FALSE
0,113	0,301	0,003	0,008	0,169	FALSE
0,024	0,307	0,001	0,010	0,019	FALSE
0,062	0,298	0,001	0,008	0,063	FALSE
-0,048	0,316	-0,001	0,008	0,049	FALSE
-0,149	0,308	-0,004	0,009	0,185	FALSE
-0,142	0,310	-0,004	0,010	0,176	FALSE
-0,162	0,309	-0,005	0,010	0,210	FALSE
-0,011	0,303	0,000	0,007	0,000	FALSE
0,069	0,310	0,003	0,012	0,095	FALSE
-0,115	0,300	-0,003	0,009	0,152	FALSE
-0,083	0,309	-0,002	0,007	0,084	FALSE
0,122	0,302	0,003	0,009	0,155	FALSE
-0,144	0,306	-0,006	0,012	0,187	FALSE

-0,150	0,314	-0,005	0,012	0,180	FALSE
-0,156	0,295	-0,006	0,011	0,214	FALSE
0,182	0,283	0,005	0,008	0,299	FALSE
0,216	0,306	0,006	0,008	0,347	FALSE
-0,092	0,309	-0,002	0,006	0,112	FALSE
-0,012	0,298	0,000	0,007	0,003	FALSE
0,029	0,301	0,001	0,009	0,063	FALSE
0,028	0,307	0,001	0,007	0,051	FALSE
0,031	0,324	0,001	0,012	0,033	FALSE
0,046	0,304	0,001	0,008	0,046	FALSE
0,008	0,305	0,000	0,008	0,010	FALSE
-0,056	0,304	-0,001	0,007	0,047	FALSE
0,155	0,285	0,004	0,007	0,238	FALSE
0,071	0,305	0,002	0,013	0,049	FALSE
-0,113	0,304	-0,004	0,011	0,147	FALSE
0,071	0,300	0,002	0,009	0,076	FALSE
-0,028	0,292	-0,001	0,010	0,035	FALSE
-0,040	0,309	-0,001	0,011	0,036	FALSE
0,041	0,310	0,002	0,012	0,066	FALSE
-0,103	0,302	-0,003	0,008	0,148	FALSE
0,024	0,314	0,001	0,008	0,029	FALSE
-0,025	0,310	-0,001	0,007	0,036	FALSE
-0,109	0,298	-0,003	0,008	0,145	FALSE
-0,079	0,306	-0,002	0,008	0,093	FALSE
0,024	0,305	0,000	0,006	0,000	FALSE
0,046	0,312	0,001	0,011	0,033	FALSE
0,030	0,307	0,001	0,011	0,033	FALSE
-0,008	0,314	0,000	0,007	0,005	FALSE
0,006	0,313	0,000	0,008	0,022	FALSE
-0,040	0,312	-0,001	0,007	0,040	FALSE
0,048	0,312	0,001	0,011	0,038	FALSE
-0,084	0,300	-0,004	0,011	0,139	FALSE
0,039	0,307	0,002	0,011	0,070	FALSE
-0,101	0,318	-0,002	0,008	0,114	FALSE
0,022	0,294	0,001	0,012	0,017	FALSE
-0,078	0,307	-0,003	0,012	0,116	FALSE
-0,013	0,312	0,000	0,007	0,017	FALSE
-0,047	0,306	-0,001	0,010	0,045	FALSE
0,147	0,314	0,003	0,006	0,209	FALSE
-0,120	0,318	-0,004	0,011	0,150	FALSE
0,058	0,311	0,001	0,007	0,078	FALSE
-0,003	0,305	0,000	0,012	0,000	FALSE
-0,007	0,306	0,000	0,013	0,004	FALSE
0,062	0,310	0,002	0,010	0,068	FALSE
0,079	0,306	0,002	0,010	0,089	FALSE
0,043	0,304	0,001	0,010	0,045	FALSE
0,006	0,302	0,000	0,010	0,017	FALSE
0,053	0,301	0,001	0,009	0,021	FALSE
0,050	0,287	0,002	0,009	0,064	FALSE
-0,081	0,315	-0,002	0,009	0,080	FALSE
0,016	0,309	0,001	0,011	0,021	FALSE
-0,113	0,305	-0,003	0,009	0,120	FALSE
0,088	0,306	0,003	0,012	0,101	FALSE

-0,083	0,308	-0,002	0,006	0,127	FALSE
-0,130	0,310	-0,004	0,011	0,156	FALSE
0,116	0,304	0,003	0,009	0,136	FALSE
0,098	0,300	0,003	0,008	0,131	FALSE
0,008	0,301	0,000	0,008	0,022	FALSE
0,010	0,311	0,000	0,007	0,002	FALSE
0,013	0,304	0,000	0,007	0,001	FALSE
0,016	0,296	0,000	0,006	0,018	FALSE
0,003	0,304	0,000	0,006	0,019	FALSE
0,008	0,304	0,000	0,007	0,010	FALSE
0,115	0,301	0,003	0,007	0,195	FALSE
0,032	0,293	0,001	0,006	0,032	FALSE
-0,008	0,318	-0,001	0,008	0,023	FALSE
-0,059	0,323	-0,003	0,013	0,082	FALSE
-0,076	0,306	-0,002	0,012	0,074	FALSE
0,001	0,310	0,000	0,008	0,005	FALSE
0,096	0,302	0,003	0,012	0,098	FALSE
0,083	0,308	0,002	0,012	0,077	FALSE
0,038	0,291	0,003	0,012	0,087	FALSE
0,014	0,306	0,001	0,007	0,041	FALSE
-0,085	0,306	-0,003	0,011	0,093	FALSE
-0,100	0,300	-0,003	0,011	0,115	FALSE
0,100	0,295	0,004	0,010	0,172	FALSE
-0,045	0,302	-0,001	0,013	0,017	FALSE
-0,061	0,307	-0,001	0,013	0,039	FALSE
0,075	0,312	0,002	0,007	0,095	FALSE
-0,076	0,298	-0,002	0,013	0,046	FALSE
-0,067	0,302	-0,001	0,013	0,028	FALSE
0,124	0,304	0,003	0,007	0,197	FALSE
-0,108	0,303	-0,004	0,013	0,115	FALSE
0,082	0,297	0,002	0,007	0,143	FALSE
-0,181	0,304	-0,007	0,012	0,256	FALSE
-0,165	0,308	-0,004	0,009	0,212	FALSE
-0,094	0,308	-0,005	0,013	0,144	FALSE
0,081	0,302	0,004	0,011	0,126	FALSE
0,057	0,319	0,001	0,008	0,060	FALSE
-0,086	0,303	-0,002	0,008	0,129	FALSE
-0,056	0,307	-0,001	0,008	0,051	FALSE
0,013	0,308	0,000	0,010	0,008	FALSE
-0,089	0,311	-0,002	0,008	0,098	FALSE
-0,042	0,312	-0,001	0,010	0,029	FALSE
0,022	0,306	0,001	0,006	0,032	FALSE
0,017	0,316	0,001	0,006	0,034	FALSE
-0,037	0,309	-0,001	0,007	0,045	FALSE
0,183	0,295	0,006	0,010	0,248	FALSE
0,147	0,303	0,005	0,012	0,183	FALSE
0,068	0,312	0,002	0,009	0,065	FALSE
0,048	0,300	0,001	0,008	0,040	FALSE
0,110	0,297	0,003	0,010	0,125	FALSE
-0,042	0,318	-0,001	0,012	0,043	FALSE
0,003	0,304	0,000	0,007	0,022	FALSE
0,140	0,297	0,006	0,013	0,191	FALSE
-0,045	0,316	-0,001	0,012	0,035	FALSE

-0,045	0,301	-0,002	0,011	0,059	FALSE
-0,076	0,312	-0,003	0,012	0,098	FALSE
-0,133	0,305	-0,005	0,010	0,181	FALSE
-0,052	0,302	-0,002	0,011	0,073	FALSE
0,023	0,310	0,000	0,008	0,015	FALSE
0,058	0,301	0,002	0,008	0,089	FALSE
-0,183	0,308	-0,007	0,011	0,293	FALSE
-0,044	0,301	-0,002	0,012	0,063	FALSE
-0,046	0,294	-0,002	0,009	0,071	FALSE
-0,065	0,304	-0,002	0,010	0,075	FALSE
-0,135	0,315	-0,004	0,009	0,201	FALSE
-0,045	0,304	-0,002	0,013	0,055	FALSE
0,025	0,322	0,001	0,008	0,036	FALSE
-0,017	0,316	0,000	0,009	0,007	FALSE
0,044	0,311	0,001	0,007	0,044	FALSE
0,036	0,315	0,001	0,007	0,046	FALSE
-0,025	0,305	-0,002	0,010	0,057	FALSE
0,037	0,289	0,001	0,006	0,056	FALSE
0,009	0,314	0,000	0,007	0,011	FALSE
-0,011	0,317	0,000	0,008	0,010	FALSE
-0,093	0,297	-0,002	0,009	0,088	FALSE
-0,015	0,306	-0,001	0,013	0,022	FALSE
0,004	0,317	0,000	0,012	0,012	FALSE
-0,076	0,301	-0,002	0,010	0,097	FALSE
0,091	0,300	0,003	0,009	0,122	FALSE
-0,020	0,302	-0,001	0,006	0,033	FALSE
0,002	0,308	0,000	0,008	0,021	FALSE
-0,061	0,319	-0,002	0,009	0,079	FALSE
-0,044	0,302	-0,001	0,006	0,053	FALSE
-0,009	0,302	0,000	0,011	0,004	FALSE
-0,101	0,303	-0,002	0,007	0,134	FALSE
0,050	0,297	0,002	0,009	0,099	FALSE
-0,122	0,302	-0,005	0,011	0,184	FALSE
0,107	0,314	0,003	0,006	0,174	FALSE
0,121	0,294	0,005	0,010	0,207	FALSE
-0,111	0,308	-0,002	0,007	0,128	FALSE
0,050	0,315	0,002	0,007	0,087	FALSE
0,038	0,315	0,001	0,012	0,042	FALSE
-0,033	0,303	0,000	0,012	0,015	FALSE
-0,070	0,299	-0,002	0,008	0,104	FALSE
0,022	0,320	0,001	0,009	0,033	FALSE
0,120	0,300	0,002	0,006	0,157	FALSE
0,050	0,323	0,002	0,013	0,073	FALSE
0,091	0,312	0,002	0,008	0,122	FALSE
0,020	0,318	0,002	0,013	0,044	FALSE
-0,043	0,287	-0,001	0,011	0,024	FALSE
-0,037	0,305	-0,001	0,006	0,072	FALSE
-0,029	0,304	-0,001	0,013	0,037	FALSE
0,016	0,327	0,000	0,010	0,016	FALSE
-0,016	0,315	0,000	0,007	0,018	FALSE
-0,019	0,309	0,000	0,007	0,009	FALSE
0,044	0,309	0,002	0,013	0,049	FALSE
0,000	0,308	0,000	0,012	0,009	FALSE

0,039	0,309	0,001	0,010	0,019	FALSE
-0,001	0,310	0,000	0,011	0,003	FALSE
-0,107	0,303	-0,004	0,011	0,125	FALSE
0,034	0,327	0,001	0,008	0,034	FALSE
0,104	0,294	0,003	0,010	0,131	FALSE
0,012	0,317	0,001	0,010	0,050	FALSE
0,001	0,299	0,000	0,008	0,002	FALSE
0,000	0,299	0,000	0,008	0,009	FALSE
-0,168	0,304	-0,007	0,012	0,252	FALSE
-0,022	0,300	0,000	0,008	0,016	FALSE
-0,038	0,311	-0,001	0,008	0,031	FALSE
-0,009	0,302	0,000	0,008	0,007	FALSE
0,087	0,302	0,003	0,010	0,114	FALSE
0,003	0,296	0,000	0,007	0,015	FALSE
0,009	0,319	0,000	0,007	0,010	FALSE
0,009	0,289	0,000	0,007	0,021	FALSE
-0,090	0,310	-0,004	0,012	0,140	FALSE
-0,072	0,323	-0,002	0,010	0,078	FALSE
-0,097	0,311	-0,002	0,009	0,109	FALSE
-0,108	0,306	-0,003	0,008	0,143	FALSE
0,019	0,318	0,001	0,008	0,050	FALSE
0,013	0,304	0,000	0,009	0,000	FALSE
-0,058	0,319	-0,001	0,007	0,068	FALSE
-0,071	0,311	-0,002	0,007	0,083	FALSE
0,055	0,299	0,002	0,011	0,055	FALSE
0,029	0,294	0,000	0,012	0,004	FALSE
-0,053	0,310	-0,001	0,007	0,044	FALSE
-0,099	0,307	-0,002	0,008	0,072	FALSE
0,113	0,312	0,004	0,010	0,178	FALSE
-0,025	0,320	-0,001	0,012	0,023	FALSE
-0,066	0,307	-0,002	0,011	0,051	FALSE
-0,016	0,289	0,000	0,008	0,013	FALSE
-0,025	0,303	0,000	0,008	0,020	FALSE
0,018	0,310	0,000	0,008	0,007	FALSE
-0,032	0,322	-0,001	0,009	0,023	FALSE
-0,052	0,307	-0,001	0,008	0,062	FALSE
-0,106	0,303	-0,004	0,009	0,159	FALSE
0,033	0,320	0,001	0,012	0,041	FALSE
0,038	0,308	0,002	0,008	0,088	FALSE
-0,049	0,298	-0,001	0,011	0,042	FALSE
0,022	0,302	0,001	0,010	0,053	FALSE
-0,092	0,303	-0,002	0,008	0,122	FALSE
0,017	0,303	0,001	0,011	0,025	FALSE
0,058	0,307	0,002	0,008	0,094	FALSE
-0,064	0,307	-0,002	0,007	0,091	FALSE
-0,059	0,306	-0,002	0,007	0,090	FALSE
-0,102	0,309	-0,002	0,007	0,132	FALSE
-0,106	0,304	-0,005	0,011	0,164	FALSE
-0,093	0,302	-0,004	0,011	0,138	FALSE
-0,036	0,297	-0,001	0,008	0,028	FALSE
-0,021	0,313	-0,001	0,010	0,018	FALSE
0,026	0,304	0,001	0,008	0,055	FALSE
-0,096	0,306	-0,003	0,013	0,101	FALSE

0,085	0,304	0,003	0,011	0,119	FALSE
-0,026	0,300	-0,001	0,012	0,038	FALSE
-0,011	0,286	0,000	0,006	0,018	FALSE
-0,063	0,291	-0,002	0,008	0,106	FALSE
0,012	0,302	0,000	0,011	0,004	FALSE
0,055	0,298	0,002	0,006	0,099	FALSE
-0,105	0,316	-0,004	0,009	0,158	FALSE
-0,048	0,312	-0,002	0,006	0,092	FALSE
-0,059	0,306	-0,002	0,012	0,072	FALSE
-0,017	0,308	-0,001	0,009	0,023	FALSE
0,010	0,311	0,000	0,009	0,014	FALSE
-0,141	0,296	-0,003	0,007	0,158	FALSE
-0,185	0,301	-0,004	0,007	0,233	FALSE
-0,072	0,305	-0,002	0,009	0,081	FALSE
-0,053	0,320	-0,001	0,007	0,070	FALSE
0,048	0,311	0,002	0,011	0,053	FALSE
-0,055	0,300	-0,002	0,012	0,066	FALSE
-0,061	0,319	-0,002	0,013	0,070	FALSE
0,098	0,320	0,003	0,011	0,110	FALSE
-0,099	0,316	-0,004	0,010	0,137	TRUE
0,122	0,308	0,003	0,009	0,161	FALSE
-0,109	0,315	-0,004	0,010	0,147	FALSE
0,023	0,315	0,001	0,007	0,047	FALSE
0,119	0,302	0,005	0,012	0,166	FALSE
-0,058	0,302	-0,003	0,011	0,111	FALSE
-0,037	0,308	-0,002	0,008	0,080	FALSE
0,104	0,303	0,004	0,012	0,136	FALSE
0,020	0,319	0,001	0,009	0,025	FALSE
-0,082	0,299	-0,002	0,008	0,096	FALSE
-0,129	0,319	-0,004	0,010	0,155	FALSE
0,121	0,297	0,004	0,009	0,196	FALSE
-0,118	0,325	-0,002	0,007	0,116	FALSE
0,028	0,321	0,001	0,009	0,060	FALSE
0,053	0,300	0,002	0,007	0,095	FALSE
0,017	0,299	0,000	0,012	0,007	FALSE
-0,060	0,305	-0,002	0,009	0,087	FALSE
0,045	0,311	0,002	0,007	0,083	FALSE
-0,078	0,328	-0,002	0,006	0,101	FALSE
0,009	0,298	0,000	0,011	0,003	FALSE
-0,123	0,298	-0,003	0,009	0,153	FALSE
-0,130	0,311	-0,004	0,009	0,157	FALSE
-0,112	0,307	-0,003	0,009	0,126	FALSE
-0,101	0,300	-0,003	0,009	0,122	FALSE
-0,084	0,310	-0,002	0,009	0,100	FALSE
-0,031	0,298	-0,001	0,008	0,029	FALSE
-0,060	0,303	-0,002	0,007	0,087	FALSE
0,048	0,318	0,001	0,008	0,057	FALSE
-0,091	0,300	-0,002	0,008	0,104	FALSE
0,011	0,308	0,000	0,011	0,008	FALSE
0,021	0,316	0,001	0,012	0,019	FALSE
-0,002	0,302	0,000	0,006	0,024	FALSE
-0,029	0,307	-0,001	0,007	0,027	FALSE
-0,029	0,308	-0,001	0,007	0,029	FALSE

-0,028	0,310	-0,001	0,013	0,043	FALSE
0,093	0,288	0,002	0,007	0,094	FALSE
0,015	0,321	0,000	0,011	0,005	FALSE
0,151	0,312	0,004	0,009	0,174	FALSE
-0,137	0,307	-0,002	0,006	0,155	FALSE
0,157	0,323	0,004	0,009	0,191	FALSE
-0,112	0,312	-0,002	0,007	0,142	FALSE
-0,108	0,325	-0,002	0,007	0,113	FALSE
0,000	0,304	0,000	0,011	0,003	FALSE
-0,076	0,305	-0,002	0,008	0,093	FALSE
-0,106	0,308	-0,003	0,008	0,137	FALSE
0,040	0,314	0,002	0,010	0,068	FALSE
-0,038	0,309	-0,002	0,011	0,073	FALSE
-0,033	0,308	-0,002	0,010	0,073	FALSE
-0,058	0,305	-0,001	0,007	0,080	FALSE
0,002	0,312	0,001	0,008	0,024	FALSE
-0,072	0,304	-0,002	0,012	0,078	FALSE
-0,066	0,314	-0,001	0,009	0,058	FALSE
0,019	0,314	0,001	0,008	0,035	FALSE
0,010	0,302	0,000	0,013	0,000	FALSE
-0,003	0,315	0,000	0,012	0,012	FALSE
0,004	0,313	0,000	0,010	0,005	FALSE
0,056	0,298	0,001	0,009	0,042	FALSE
0,027	0,322	0,001	0,010	0,029	FALSE
0,072	0,293	0,001	0,009	0,054	FALSE
-0,071	0,298	-0,003	0,012	0,098	FALSE
-0,051	0,311	-0,001	0,007	0,073	FALSE
-0,036	0,314	-0,001	0,007	0,048	FALSE
-0,120	0,305	-0,003	0,007	0,176	FALSE
-0,006	0,315	-0,001	0,013	0,016	FALSE
0,002	0,309	0,000	0,013	0,014	FALSE
-0,027	0,315	-0,001	0,013	0,035	FALSE
-0,003	0,311	0,000	0,012	0,004	FALSE
-0,002	0,317	0,000	0,013	0,000	FALSE
0,018	0,308	0,001	0,013	0,017	FALSE
0,018	0,314	0,000	0,013	0,012	FALSE
-0,001	0,322	0,000	0,013	0,008	FALSE
0,005	0,323	0,000	0,012	0,003	FALSE
0,049	0,301	0,002	0,008	0,087	FALSE
0,111	0,291	0,004	0,010	0,183	FALSE
-0,011	0,301	0,000	0,009	0,012	FALSE
0,045	0,298	0,002	0,011	0,074	FALSE
0,073	0,294	0,003	0,011	0,097	FALSE
0,015	0,315	0,000	0,008	0,018	FALSE
0,048	0,300	0,002	0,010	0,084	FALSE
0,066	0,318	0,003	0,013	0,102	FALSE
-0,085	0,306	-0,002	0,010	0,094	FALSE
0,073	0,320	0,003	0,013	0,083	FALSE
0,000	0,307	0,000	0,007	0,005	FALSE
-0,009	0,298	-0,001	0,008	0,028	FALSE
-0,036	0,316	-0,001	0,010	0,030	FALSE
-0,024	0,294	-0,001	0,010	0,029	FALSE
-0,058	0,312	-0,001	0,009	0,055	FALSE

-0,063	0,299	-0,001	0,008	0,064	FALSE
-0,002	0,284	0,000	0,011	0,015	FALSE
-0,010	0,299	0,000	0,012	0,005	FALSE
-0,033	0,302	-0,001	0,010	0,024	FALSE
-0,031	0,297	0,000	0,008	0,011	FALSE
0,074	0,296	0,003	0,010	0,097	FALSE
-0,012	0,314	0,000	0,008	0,006	FALSE
0,014	0,308	0,001	0,009	0,032	FALSE
-0,120	0,320	-0,003	0,008	0,153	FALSE
-0,013	0,299	0,000	0,011	0,007	FALSE
0,088	0,315	0,002	0,008	0,118	FALSE
0,083	0,310	0,002	0,007	0,104	FALSE
0,150	0,300	0,004	0,009	0,214	FALSE
0,126	0,302	0,005	0,013	0,162	FALSE
0,151	0,313	0,005	0,009	0,215	FALSE
0,027	0,308	0,001	0,012	0,033	FALSE
0,157	0,314	0,005	0,011	0,209	FALSE
0,081	0,313	0,003	0,010	0,105	FALSE
0,003	0,292	0,001	0,012	0,019	FALSE
-0,022	0,310	-0,001	0,012	0,037	FALSE
0,105	0,295	0,004	0,010	0,140	FALSE
0,077	0,313	0,001	0,006	0,080	FALSE
0,024	0,304	0,001	0,011	0,026	FALSE
0,060	0,306	0,003	0,011	0,089	FALSE
0,001	0,301	0,000	0,013	0,009	FALSE
0,002	0,304	0,001	0,013	0,019	FALSE
-0,103	0,305	-0,002	0,008	0,121	FALSE
0,029	0,317	0,002	0,013	0,049	FALSE
-0,004	0,303	0,000	0,009	0,002	FALSE
0,012	0,312	0,001	0,012	0,020	FALSE
-0,018	0,320	0,000	0,011	0,011	FALSE
-0,051	0,313	-0,001	0,008	0,033	FALSE
-0,158	0,302	-0,005	0,009	0,219	FALSE
-0,027	0,300	-0,001	0,009	0,031	FALSE
-0,090	0,302	-0,001	0,007	0,081	FALSE
-0,100	0,317	-0,003	0,008	0,136	FALSE
-0,072	0,309	-0,002	0,007	0,088	FALSE
0,085	0,315	0,004	0,013	0,135	FALSE
-0,083	0,317	-0,003	0,010	0,120	FALSE
0,042	0,310	0,001	0,008	0,023	FALSE
-0,069	0,305	-0,001	0,007	0,051	FALSE
0,019	0,300	0,001	0,009	0,052	FALSE
-0,043	0,314	-0,001	0,008	0,051	FALSE
0,042	0,297	0,001	0,008	0,057	FALSE
-0,102	0,308	-0,003	0,007	0,149	FALSE
-0,200	0,292	-0,007	0,010	0,329	FALSE
-0,178	0,304	-0,007	0,011	0,270	FALSE
-0,170	0,296	-0,006	0,010	0,284	FALSE
-0,178	0,303	-0,007	0,010	0,293	FALSE
0,063	0,313	0,002	0,007	0,087	FALSE
0,030	0,298	0,000	0,007	0,025	FALSE
0,077	0,299	0,003	0,011	0,120	FALSE
0,044	0,307	0,003	0,012	0,082	FALSE

0,046	0,331	0,001	0,007	0,060	FALSE
-0,136	0,299	-0,003	0,007	0,212	FALSE
0,096	0,298	0,003	0,011	0,112	FALSE
-0,113	0,289	-0,003	0,006	0,187	FALSE
0,170	0,299	0,007	0,012	0,274	FALSE
0,122	0,291	0,006	0,011	0,205	FALSE
-0,137	0,302	-0,004	0,008	0,198	FALSE
-0,091	0,300	-0,003	0,011	0,113	FALSE
-0,123	0,289	-0,004	0,011	0,151	FALSE
-0,092	0,289	-0,003	0,012	0,097	FALSE
0,154	0,301	0,004	0,008	0,246	FALSE
-0,006	0,292	-0,001	0,008	0,026	FALSE
-0,060	0,324	-0,001	0,008	0,052	FALSE
-0,003	0,295	0,000	0,012	0,005	FALSE
-0,057	0,313	-0,001	0,007	0,045	FALSE
0,109	0,311	0,004	0,011	0,139	FALSE
-0,107	0,282	-0,002	0,008	0,113	FALSE
0,122	0,301	0,005	0,010	0,179	FALSE
-0,052	0,310	-0,003	0,010	0,094	FALSE
0,116	0,300	0,003	0,007	0,169	FALSE
0,003	0,302	0,000	0,008	0,003	FALSE
-0,060	0,305	-0,002	0,011	0,079	FALSE
-0,063	0,319	-0,002	0,011	0,080	FALSE
-0,134	0,289	-0,003	0,006	0,171	FALSE
0,059	0,310	0,002	0,011	0,077	FALSE
-0,155	0,321	-0,005	0,011	0,193	FALSE
0,047	0,308	0,001	0,012	0,031	FALSE
0,031	0,292	0,000	0,011	0,015	FALSE
0,036	0,308	0,001	0,013	0,035	FALSE
0,088	0,316	0,002	0,011	0,065	FALSE
0,024	0,302	0,001	0,010	0,024	FALSE
0,056	0,311	0,002	0,008	0,076	FALSE
-0,145	0,312	-0,003	0,007	0,181	FALSE
0,053	0,299	0,001	0,008	0,040	FALSE
-0,105	0,323	-0,002	0,008	0,117	FALSE
0,066	0,301	0,002	0,007	0,092	FALSE
0,084	0,305	0,003	0,009	0,108	FALSE
-0,099	0,294	-0,002	0,007	0,131	FALSE
-0,023	0,306	-0,001	0,008	0,047	FALSE
0,006	0,300	0,000	0,011	0,013	FALSE
0,025	0,302	0,001	0,012	0,019	FALSE
-0,052	0,309	-0,001	0,006	0,079	FALSE
-0,072	0,293	-0,002	0,008	0,105	FALSE
-0,073	0,292	-0,002	0,008	0,096	FALSE
0,036	0,303	0,002	0,011	0,058	FALSE
0,019	0,319	0,001	0,013	0,027	FALSE
-0,011	0,306	0,000	0,012	0,002	FALSE
0,002	0,310	0,001	0,008	0,023	FALSE
0,026	0,298	0,001	0,008	0,060	FALSE
-0,071	0,297	-0,001	0,006	0,081	FALSE
-0,077	0,307	-0,001	0,007	0,087	FALSE
-0,079	0,301	-0,001	0,006	0,078	FALSE
-0,029	0,310	-0,003	0,013	0,073	FALSE

-0,031	0,310	-0,002	0,013	0,062	FALSE
-0,050	0,315	-0,003	0,013	0,102	FALSE
-0,058	0,304	-0,003	0,013	0,082	FALSE
0,046	0,297	0,003	0,012	0,086	FALSE
0,122	0,312	0,005	0,011	0,187	FALSE
-0,041	0,314	-0,001	0,007	0,058	FALSE
-0,051	0,292	-0,002	0,010	0,073	FALSE
0,005	0,313	0,000	0,012	0,008	FALSE
-0,071	0,301	-0,001	0,007	0,058	FALSE
-0,040	0,321	-0,001	0,013	0,043	FALSE
-0,034	0,312	-0,001	0,012	0,033	FALSE
-0,029	0,313	-0,001	0,009	0,021	FALSE
-0,052	0,308	-0,001	0,008	0,051	FALSE
0,001	0,305	0,000	0,007	0,009	FALSE
0,026	0,310	0,001	0,013	0,021	FALSE
-0,061	0,303	-0,001	0,009	0,052	FALSE
-0,167	0,299	-0,006	0,011	0,220	FALSE
-0,179	0,303	-0,007	0,012	0,262	FALSE
0,165	0,302	0,006	0,011	0,230	FALSE
-0,191	0,303	-0,008	0,013	0,258	FALSE
0,024	0,303	0,000	0,013	0,004	FALSE
-0,091	0,308	-0,003	0,010	0,101	FALSE
-0,083	0,308	-0,002	0,007	0,115	FALSE
0,038	0,299	0,001	0,010	0,033	FALSE
0,040	0,307	0,001	0,011	0,038	FALSE
0,024	0,313	0,000	0,011	0,012	FALSE
-0,227	0,295	-0,007	0,009	0,347	FALSE
-0,138	0,311	-0,007	0,014	0,227	FALSE
-0,155	0,307	-0,006	0,011	0,260	FALSE
-0,208	0,297	-0,005	0,008	0,303	FALSE
0,201	0,290	0,005	0,007	0,296	FALSE
-0,040	0,303	-0,001	0,007	0,047	FALSE
-0,037	0,300	-0,001	0,006	0,034	FALSE
0,087	0,308	0,002	0,007	0,119	FALSE
-0,104	0,298	-0,004	0,011	0,154	FALSE
0,013	0,304	0,000	0,011	0,004	FALSE
-0,010	0,303	-0,001	0,012	0,018	FALSE
-0,097	0,309	-0,002	0,007	0,123	FALSE
0,085	0,294	0,004	0,013	0,107	FALSE
0,014	0,303	0,000	0,012	0,011	FALSE
0,026	0,304	0,000	0,006	0,020	FALSE
-0,051	0,302	-0,002	0,010	0,064	FALSE
0,056	0,315	0,001	0,007	0,081	FALSE
0,013	0,312	0,000	0,011	0,006	FALSE
0,079	0,303	0,003	0,010	0,129	FALSE
-0,037	0,315	-0,001	0,008	0,072	FALSE
0,016	0,315	0,000	0,007	0,003	FALSE
-0,052	0,308	-0,001	0,009	0,045	FALSE
0,041	0,302	0,001	0,007	0,041	FALSE
0,074	0,311	0,002	0,007	0,087	FALSE
0,011	0,305	0,001	0,010	0,037	FALSE
0,012	0,300	0,000	0,012	0,006	FALSE
0,023	0,317	0,000	0,013	0,013	FALSE

0,049	0,308	0,001	0,012	0,031	FALSE
-0,036	0,308	-0,001	0,007	0,034	FALSE
-0,015	0,300	0,000	0,006	0,028	FALSE
0,078	0,310	0,004	0,013	0,119	FALSE
0,040	0,317	0,002	0,010	0,070	FALSE
0,027	0,313	0,001	0,008	0,045	FALSE
0,128	0,307	0,005	0,010	0,194	FALSE
0,007	0,303	0,001	0,012	0,020	FALSE
-0,021	0,307	-0,002	0,011	0,065	FALSE
0,080	0,313	0,002	0,008	0,076	FALSE
0,027	0,307	0,000	0,007	0,023	FALSE
0,103	0,298	0,004	0,010	0,148	FALSE
0,074	0,299	0,002	0,011	0,083	FALSE
0,079	0,313	0,003	0,009	0,113	FALSE
0,029	0,314	0,001	0,008	0,031	FALSE
0,012	0,293	0,000	0,009	0,006	FALSE
0,089	0,302	0,003	0,009	0,122	FALSE
-0,002	0,299	-0,001	0,010	0,037	FALSE
0,117	0,305	0,004	0,009	0,162	FALSE
0,003	0,313	0,000	0,008	0,005	FALSE
0,114	0,299	0,004	0,011	0,155	FALSE
-0,093	0,307	-0,002	0,007	0,116	FALSE
-0,124	0,308	-0,004	0,009	0,166	FALSE
0,069	0,308	0,003	0,013	0,084	FALSE
0,068	0,315	0,003	0,013	0,073	FALSE
0,068	0,297	0,003	0,012	0,087	FALSE
0,057	0,299	0,002	0,011	0,080	FALSE
0,059	0,283	0,002	0,011	0,060	FALSE
-0,143	0,302	-0,003	0,007	0,176	FALSE
-0,026	0,306	0,000	0,007	0,023	FALSE
0,103	0,305	0,002	0,008	0,088	FALSE
-0,017	0,308	0,000	0,013	0,011	FALSE
0,067	0,313	0,002	0,007	0,086	FALSE
-0,067	0,326	-0,002	0,013	0,053	FALSE
-0,036	0,305	0,000	0,009	0,001	FALSE
-0,046	0,320	-0,001	0,007	0,042	FALSE
0,059	0,320	0,002	0,009	0,081	FALSE
-0,127	0,294	-0,002	0,006	0,157	FALSE
-0,032	0,306	-0,001	0,010	0,031	FALSE
-0,009	0,312	0,000	0,008	0,001	FALSE
0,061	0,319	0,002	0,007	0,085	FALSE
-0,025	0,305	-0,001	0,009	0,029	FALSE
-0,038	0,298	-0,001	0,010	0,037	FALSE
0,033	0,317	0,000	0,007	0,015	FALSE
-0,072	0,299	-0,001	0,006	0,077	FALSE
0,067	0,302	0,001	0,007	0,042	FALSE
-0,137	0,294	-0,004	0,010	0,153	FALSE
0,034	0,307	0,001	0,007	0,055	FALSE
0,122	0,297	0,003	0,009	0,144	FALSE
0,127	0,298	0,003	0,008	0,159	FALSE
0,066	0,311	0,003	0,012	0,088	FALSE
0,093	0,312	0,003	0,009	0,126	FALSE
-0,013	0,319	-0,002	0,013	0,057	FALSE

-0,059	0,297	-0,002	0,011	0,066	FALSE
0,080	0,297	0,003	0,008	0,123	FALSE
-0,026	0,308	-0,001	0,007	0,054	FALSE
-0,046	0,303	-0,001	0,011	0,045	FALSE
-0,047	0,317	-0,002	0,014	0,065	FALSE
-0,016	0,314	-0,001	0,012	0,029	FALSE
-0,006	0,294	-0,001	0,009	0,021	FALSE
-0,064	0,305	-0,001	0,007	0,059	FALSE
-0,034	0,298	-0,001	0,008	0,028	FALSE
-0,039	0,321	-0,001	0,011	0,048	FALSE
0,018	0,303	0,001	0,008	0,044	FALSE
0,072	0,295	0,002	0,010	0,066	FALSE
-0,105	0,297	-0,004	0,013	0,135	FALSE
-0,078	0,307	-0,002	0,009	0,103	FALSE
-0,005	0,307	-0,001	0,009	0,030	FALSE
-0,097	0,307	-0,004	0,013	0,140	FALSE
-0,064	0,320	-0,002	0,010	0,072	FALSE
0,013	0,311	0,001	0,012	0,037	FALSE
0,012	0,289	0,000	0,008	0,000	FALSE
0,027	0,316	0,001	0,010	0,032	FALSE
-0,067	0,310	-0,003	0,012	0,102	FALSE
0,067	0,309	0,003	0,012	0,092	FALSE
0,010	0,310	0,001	0,011	0,021	FALSE
0,040	0,312	0,001	0,007	0,075	FALSE
-0,051	0,296	-0,003	0,012	0,093	FALSE
0,099	0,304	0,003	0,008	0,175	FALSE
0,152	0,309	0,004	0,008	0,225	FALSE
0,097	0,305	0,002	0,007	0,116	FALSE
0,127	0,312	0,004	0,007	0,212	FALSE
-0,034	0,323	-0,002	0,011	0,079	FALSE
0,090	0,305	0,004	0,011	0,127	FALSE
-0,028	0,304	0,000	0,006	0,024	FALSE
-0,081	0,308	-0,002	0,007	0,108	FALSE
0,035	0,299	0,001	0,007	0,045	FALSE
-0,001	0,296	0,001	0,008	0,047	FALSE
-0,080	0,306	-0,002	0,009	0,060	FALSE
0,020	0,317	0,000	0,007	0,015	FALSE
-0,088	0,311	-0,002	0,007	0,081	FALSE
-0,042	0,311	-0,001	0,012	0,027	FALSE
-0,132	0,300	-0,003	0,006	0,186	FALSE
-0,060	0,307	-0,002	0,013	0,054	FALSE
0,100	0,311	0,003	0,009	0,153	FALSE
0,119	0,319	0,004	0,010	0,179	FALSE
-0,116	0,312	-0,003	0,007	0,176	FALSE
0,127	0,285	0,006	0,011	0,229	FALSE
-0,077	0,313	-0,002	0,009	0,112	FALSE
-0,096	0,321	-0,003	0,009	0,138	FALSE
0,045	0,282	0,001	0,008	0,036	FALSE
0,012	0,309	0,001	0,013	0,024	FALSE
0,058	0,312	0,003	0,010	0,100	FALSE
-0,005	0,307	0,000	0,010	0,012	FALSE
0,010	0,313	0,000	0,009	0,014	FALSE
0,000	0,310	0,000	0,010	0,009	FALSE

-0,177	0,289	-0,005	0,008	0,260	FALSE
-0,045	0,305	-0,001	0,011	0,043	FALSE
0,051	0,313	0,002	0,011	0,063	FALSE
0,050	0,312	0,001	0,009	0,048	FALSE
0,039	0,304	0,001	0,009	0,052	FALSE
0,058	0,308	0,003	0,011	0,102	FALSE
0,028	0,309	0,001	0,009	0,051	FALSE
-0,024	0,302	-0,001	0,007	0,030	FALSE
0,041	0,306	0,002	0,012	0,079	FALSE
0,038	0,314	0,002	0,010	0,059	FALSE
-0,041	0,296	-0,001	0,006	0,048	FALSE
0,019	0,309	0,000	0,010	0,008	FALSE
-0,153	0,301	-0,006	0,010	0,250	FALSE
-0,038	0,315	-0,001	0,011	0,049	FALSE
-0,079	0,305	-0,003	0,011	0,102	FALSE
-0,026	0,339	-0,001	0,013	0,029	FALSE
0,028	0,316	0,000	0,007	0,015	FALSE
-0,025	0,305	-0,001	0,006	0,038	FALSE
-0,002	0,311	0,000	0,006	0,002	FALSE
0,011	0,312	0,000	0,007	0,002	FALSE
0,038	0,304	0,001	0,007	0,034	FALSE
0,086	0,316	0,002	0,006	0,093	FALSE
0,055	0,311	0,001	0,007	0,051	FALSE
0,054	0,317	0,001	0,007	0,055	FALSE
0,004	0,314	0,000	0,012	0,004	FALSE
-0,152	0,304	-0,006	0,013	0,190	FALSE
-0,007	0,314	0,000	0,008	0,011	FALSE
0,136	0,307	0,003	0,007	0,181	FALSE
0,061	0,311	0,001	0,008	0,071	FALSE
0,021	0,310	0,000	0,010	0,017	FALSE
0,091	0,308	0,004	0,013	0,130	FALSE
0,011	0,307	0,000	0,008	0,011	FALSE
0,033	0,301	0,000	0,007	0,014	FALSE
0,041	0,313	0,001	0,011	0,043	FALSE
-0,069	0,305	-0,002	0,011	0,083	FALSE
-0,004	0,304	-0,001	0,012	0,019	FALSE
0,072	0,284	0,004	0,011	0,143	FALSE
-0,011	0,304	0,000	0,013	0,009	FALSE
-0,057	0,311	-0,002	0,010	0,084	FALSE
0,013	0,314	0,000	0,008	0,001	FALSE
0,136	0,317	0,003	0,008	0,145	FALSE
-0,033	0,300	-0,001	0,007	0,050	FALSE
-0,033	0,306	-0,001	0,008	0,032	FALSE
0,049	0,314	0,001	0,008	0,059	FALSE
0,034	0,305	0,001	0,010	0,041	FALSE
0,028	0,309	0,001	0,010	0,031	FALSE
-0,100	0,300	-0,005	0,013	0,147	FALSE
0,016	0,320	0,001	0,009	0,036	FALSE
-0,059	0,312	-0,002	0,013	0,072	FALSE
-0,144	0,309	-0,003	0,007	0,187	FALSE
0,022	0,294	0,000	0,010	0,006	FALSE
-0,038	0,302	-0,002	0,012	0,068	FALSE
-0,073	0,317	-0,004	0,013	0,134	FALSE

0,095	0,301	0,003	0,010	0,102	FALSE
-0,037	0,308	-0,001	0,008	0,052	FALSE
0,003	0,308	0,000	0,007	0,016	FALSE
-0,071	0,309	-0,001	0,007	0,076	FALSE
-0,007	0,305	0,000	0,007	0,010	FALSE
-0,021	0,301	-0,001	0,007	0,025	FALSE
-0,053	0,304	-0,001	0,008	0,044	FALSE
-0,009	0,316	-0,001	0,009	0,034	FALSE
-0,024	0,305	-0,001	0,007	0,055	FALSE
0,010	0,314	0,000	0,013	0,013	FALSE
-0,038	0,315	-0,001	0,007	0,056	FALSE
-0,041	0,308	-0,001	0,008	0,062	FALSE
-0,048	0,328	-0,002	0,014	0,042	FALSE
-0,026	0,308	-0,001	0,013	0,026	FALSE
-0,022	0,306	-0,001	0,012	0,023	FALSE
-0,023	0,316	-0,001	0,013	0,016	FALSE
-0,023	0,319	-0,001	0,013	0,037	FALSE
-0,025	0,317	-0,001	0,013	0,029	FALSE
-0,032	0,305	-0,001	0,013	0,040	FALSE
0,006	0,337	0,000	0,014	0,012	FALSE
-0,060	0,311	-0,002	0,007	0,088	FALSE
0,047	0,296	0,002	0,010	0,061	FALSE
-0,032	0,305	0,000	0,012	0,010	FALSE
0,181	0,298	0,005	0,008	0,294	FALSE
-0,053	0,312	-0,002	0,011	0,077	FALSE
0,040	0,319	0,001	0,008	0,045	FALSE
0,021	0,308	0,001	0,008	0,041	FALSE
0,121	0,318	0,004	0,011	0,168	FALSE
-0,031	0,318	-0,001	0,007	0,044	FALSE
0,055	0,315	0,002	0,011	0,078	FALSE
-0,002	0,306	0,000	0,009	0,009	FALSE
-0,026	0,308	0,000	0,012	0,006	FALSE
-0,024	0,312	-0,001	0,008	0,026	FALSE
0,014	0,293	0,000	0,008	0,018	FALSE
-0,035	0,312	-0,001	0,007	0,043	FALSE
-0,018	0,304	0,000	0,012	0,011	FALSE
-0,034	0,304	-0,001	0,011	0,029	FALSE
-0,088	0,307	-0,003	0,009	0,124	FALSE
-0,054	0,310	-0,001	0,008	0,061	FALSE
0,030	0,299	0,001	0,007	0,045	FALSE
0,016	0,300	0,000	0,008	0,017	FALSE
0,023	0,317	0,000	0,010	0,002	FALSE
0,009	0,335	0,000	0,013	0,009	FALSE
-0,002	0,315	0,000	0,013	0,007	FALSE
-0,011	0,312	-0,001	0,013	0,021	FALSE
-0,002	0,310	0,000	0,013	0,009	FALSE
0,015	0,318	0,000	0,013	0,012	FALSE
-0,014	0,308	-0,001	0,012	0,016	FALSE
0,017	0,327	0,001	0,013	0,015	FALSE
-0,022	0,328	-0,001	0,013	0,028	FALSE
-0,023	0,307	-0,001	0,011	0,018	FALSE
0,137	0,302	0,003	0,006	0,194	FALSE
-0,025	0,300	-0,001	0,007	0,033	FALSE

-0,024	0,316	-0,001	0,008	0,022	FALSE
0,111	0,299	0,004	0,012	0,148	FALSE
-0,125	0,305	-0,005	0,011	0,192	FALSE
-0,045	0,287	-0,002	0,009	0,061	FALSE
-0,140	0,304	-0,006	0,012	0,219	FALSE
0,042	0,296	0,000	0,008	0,014	FALSE
-0,068	0,306	-0,001	0,006	0,078	FALSE
-0,050	0,313	-0,001	0,007	0,043	FALSE
0,031	0,316	0,001	0,010	0,053	FALSE
-0,043	0,297	-0,001	0,008	0,062	FALSE
0,069	0,300	0,002	0,010	0,058	FALSE
-0,074	0,314	-0,001	0,006	0,068	FALSE
-0,119	0,309	-0,003	0,009	0,121	FALSE
0,010	0,304	0,000	0,011	0,012	FALSE
0,104	0,310	0,004	0,013	0,109	FALSE
-0,079	0,312	-0,001	0,007	0,070	FALSE
-0,016	0,308	0,000	0,006	0,003	FALSE
0,091	0,297	0,002	0,008	0,126	FALSE
0,008	0,302	0,000	0,008	0,017	FALSE
-0,010	0,309	0,000	0,009	0,015	FALSE
0,026	0,316	0,001	0,007	0,036	FALSE
-0,048	0,303	-0,001	0,009	0,057	FALSE
-0,046	0,309	-0,001	0,009	0,055	FALSE
-0,029	0,298	-0,001	0,009	0,031	FALSE
-0,063	0,303	-0,002	0,009	0,079	FALSE
-0,047	0,298	-0,001	0,010	0,053	FALSE
-0,051	0,311	-0,001	0,009	0,056	FALSE
-0,026	0,304	-0,003	0,013	0,081	FALSE
-0,017	0,312	-0,002	0,013	0,052	FALSE
-0,113	0,307	-0,003	0,008	0,157	FALSE
-0,097	0,318	-0,003	0,009	0,103	FALSE
-0,010	0,308	-0,001	0,008	0,026	FALSE
0,056	0,322	0,001	0,007	0,069	FALSE
-0,031	0,317	-0,001	0,010	0,020	FALSE
0,062	0,309	0,001	0,010	0,033	FALSE
0,088	0,307	0,002	0,010	0,075	FALSE
-0,016	0,312	-0,001	0,011	0,021	FALSE
-0,100	0,301	-0,005	0,012	0,170	FALSE
-0,094	0,311	-0,002	0,007	0,116	FALSE
-0,046	0,319	-0,001	0,012	0,028	FALSE
-0,137	0,308	-0,004	0,009	0,199	FALSE
-0,112	0,313	-0,004	0,011	0,159	FALSE
-0,107	0,315	-0,003	0,009	0,148	FALSE
0,081	0,311	0,002	0,009	0,076	FALSE
-0,065	0,314	-0,002	0,010	0,089	FALSE
0,165	0,299	0,004	0,006	0,254	FALSE
0,008	0,315	0,000	0,011	0,015	FALSE
0,181	0,308	0,004	0,007	0,235	FALSE
0,120	0,313	0,002	0,006	0,140	FALSE
-0,088	0,310	-0,002	0,010	0,093	FALSE
0,022	0,301	0,000	0,007	0,010	FALSE
-0,018	0,315	-0,001	0,008	0,024	FALSE
-0,023	0,306	0,000	0,007	0,002	FALSE

-0,064	0,311	-0,002	0,011	0,066	FALSE
-0,128	0,316	-0,004	0,010	0,164	FALSE
0,120	0,312	0,005	0,013	0,150	FALSE
-0,111	0,310	-0,004	0,010	0,157	FALSE
0,105	0,321	0,004	0,013	0,134	FALSE
-0,021	0,294	0,000	0,009	0,008	FALSE
-0,019	0,310	0,000	0,009	0,017	FALSE
0,078	0,312	0,003	0,010	0,125	FALSE
-0,062	0,292	-0,001	0,009	0,056	FALSE
-0,034	0,308	-0,002	0,013	0,058	FALSE
-0,075	0,299	-0,001	0,006	0,071	FALSE
-0,065	0,301	-0,001	0,007	0,059	FALSE
-0,072	0,310	-0,001	0,006	0,074	FALSE
-0,048	0,313	-0,002	0,014	0,056	FALSE
-0,115	0,308	-0,002	0,007	0,123	FALSE
-0,100	0,313	-0,002	0,006	0,109	FALSE
-0,123	0,318	-0,002	0,007	0,133	FALSE
-0,148	0,301	-0,003	0,006	0,172	FALSE
-0,220	0,312	-0,007	0,010	0,311	FALSE
0,068	0,302	0,002	0,007	0,098	FALSE
0,009	0,309	0,000	0,007	0,021	FALSE
0,057	0,297	0,003	0,011	0,093	FALSE
0,043	0,305	0,002	0,008	0,078	FALSE
-0,097	0,287	-0,003	0,011	0,118	FALSE
-0,122	0,303	-0,003	0,008	0,172	FALSE
-0,071	0,320	-0,003	0,013	0,088	FALSE
0,114	0,298	0,005	0,009	0,220	FALSE
-0,097	0,292	-0,003	0,010	0,113	FALSE
0,062	0,298	0,002	0,008	0,074	FALSE
-0,097	0,301	-0,003	0,011	0,124	FALSE
-0,041	0,319	-0,002	0,013	0,064	FALSE
0,060	0,303	0,003	0,012	0,081	FALSE
0,146	0,288	0,005	0,009	0,263	FALSE
-0,053	0,309	-0,002	0,011	0,061	FALSE
-0,020	0,309	0,000	0,011	0,005	FALSE
-0,026	0,304	-0,001	0,011	0,026	FALSE
-0,047	0,295	-0,002	0,012	0,045	FALSE
-0,084	0,307	-0,003	0,012	0,109	FALSE
0,041	0,297	0,001	0,009	0,043	FALSE
0,001	0,316	0,000	0,010	0,014	FALSE
-0,025	0,315	-0,001	0,008	0,033	FALSE
0,015	0,306	0,000	0,012	0,011	FALSE
-0,067	0,303	-0,003	0,010	0,109	FALSE
-0,112	0,319	-0,003	0,008	0,150	FALSE
-0,184	0,308	-0,004	0,008	0,241	FALSE
0,008	0,309	0,000	0,010	0,014	FALSE
-0,006	0,297	0,000	0,008	0,006	FALSE
0,136	0,298	0,004	0,008	0,212	FALSE
-0,080	0,298	-0,003	0,009	0,128	FALSE
0,005	0,291	0,000	0,007	0,009	FALSE
0,043	0,298	0,001	0,007	0,029	FALSE
-0,014	0,307	0,000	0,009	0,007	FALSE
0,020	0,308	0,000	0,008	0,011	FALSE

-0,056	0,306	-0,001	0,007	0,044	FALSE
0,062	0,302	0,001	0,012	0,038	FALSE
0,025	0,312	0,001	0,007	0,068	FALSE
0,016	0,307	0,001	0,012	0,031	FALSE
-0,028	0,313	-0,002	0,013	0,066	FALSE
-0,013	0,305	-0,001	0,012	0,042	FALSE
-0,022	0,324	-0,001	0,009	0,040	FALSE
0,026	0,306	0,001	0,010	0,037	FALSE
0,021	0,316	0,001	0,012	0,018	FALSE
0,026	0,314	0,001	0,007	0,041	FALSE
-0,033	0,308	-0,002	0,013	0,052	FALSE
0,078	0,307	0,002	0,011	0,049	FALSE
0,008	0,316	0,000	0,007	0,011	FALSE
-0,002	0,291	-0,001	0,006	0,041	FALSE
-0,027	0,305	-0,002	0,012	0,064	FALSE
0,052	0,305	0,001	0,008	0,026	FALSE
0,089	0,309	0,002	0,008	0,101	FALSE
0,121	0,312	0,003	0,008	0,138	FALSE
0,180	0,295	0,005	0,009	0,239	FALSE
0,068	0,319	0,001	0,009	0,056	FALSE
0,033	0,299	0,002	0,012	0,069	FALSE
-0,149	0,314	-0,004	0,010	0,182	FALSE
-0,025	0,313	-0,001	0,013	0,025	FALSE
-0,157	0,299	-0,005	0,008	0,229	FALSE
0,133	0,316	0,003	0,007	0,165	FALSE
0,012	0,301	0,001	0,009	0,028	FALSE
0,046	0,315	0,001	0,007	0,053	FALSE
-0,038	0,306	-0,001	0,011	0,032	FALSE
-0,019	0,305	-0,001	0,012	0,040	FALSE
-0,030	0,292	-0,001	0,008	0,043	FALSE
0,080	0,294	0,002	0,007	0,098	FALSE
-0,102	0,318	-0,004	0,010	0,162	FALSE
-0,107	0,315	-0,004	0,011	0,170	FALSE
0,011	0,320	0,001	0,008	0,031	FALSE
-0,070	0,309	-0,002	0,007	0,082	FALSE
-0,125	0,302	-0,002	0,007	0,126	FALSE
-0,104	0,304	-0,002	0,007	0,124	FALSE
0,070	0,289	0,002	0,009	0,108	FALSE
-0,126	0,315	-0,005	0,012	0,153	FALSE
0,001	0,327	0,000	0,009	0,005	FALSE
0,111	0,302	0,002	0,008	0,122	FALSE
0,119	0,309	0,003	0,008	0,150	FALSE
0,055	0,312	0,001	0,007	0,067	FALSE
-0,107	0,294	-0,002	0,008	0,109	FALSE
-0,071	0,298	-0,002	0,010	0,087	FALSE
0,008	0,297	0,000	0,007	0,012	FALSE
-0,005	0,315	0,000	0,010	0,011	FALSE
-0,240	0,281	-0,011	0,012	0,448	FALSE
-0,016	0,307	0,000	0,010	0,003	FALSE
0,002	0,304	0,000	0,007	0,010	FALSE
-0,120	0,321	-0,004	0,009	0,171	FALSE
-0,109	0,305	-0,004	0,009	0,157	FALSE
0,049	0,299	0,001	0,011	0,045	FALSE

-0,004	0,324	-0,001	0,013	0,016	FALSE
-0,127	0,318	-0,003	0,007	0,163	FALSE
0,022	0,304	0,001	0,007	0,037	FALSE
-0,004	0,327	0,000	0,010	0,014	FALSE
-0,016	0,306	-0,001	0,010	0,040	FALSE
0,162	0,298	0,005	0,008	0,238	FALSE
-0,031	0,295	-0,002	0,009	0,074	FALSE
-0,034	0,303	-0,003	0,013	0,083	FALSE
-0,025	0,310	-0,002	0,012	0,055	FALSE
-0,012	0,316	0,000	0,009	0,011	FALSE
0,210	0,302	0,006	0,007	0,354	FALSE
-0,041	0,304	-0,001	0,007	0,047	FALSE
-0,052	0,314	-0,001	0,007	0,056	FALSE
0,028	0,308	0,001	0,007	0,029	FALSE
-0,032	0,296	-0,001	0,007	0,038	FALSE
0,195	0,297	0,005	0,007	0,314	FALSE
-0,004	0,309	0,000	0,008	0,006	FALSE
0,018	0,297	0,000	0,010	0,017	FALSE
-0,079	0,309	-0,002	0,008	0,088	FALSE
0,037	0,313	0,002	0,010	0,057	FALSE
-0,084	0,310	-0,002	0,008	0,091	FALSE
0,001	0,310	0,000	0,010	0,002	FALSE
-0,011	0,302	0,000	0,009	0,007	FALSE
-0,003	0,312	0,000	0,009	0,008	FALSE
0,134	0,294	0,004	0,010	0,172	FALSE
0,147	0,301	0,004	0,010	0,178	FALSE
0,007	0,305	0,001	0,008	0,032	FALSE
0,001	0,311	-0,001	0,013	0,013	FALSE
-0,174	0,301	-0,005	0,010	0,215	FALSE
-0,164	0,303	-0,007	0,013	0,234	FALSE
0,057	0,309	0,002	0,007	0,087	FALSE
-0,107	0,314	-0,003	0,008	0,122	FALSE
-0,050	0,307	-0,002	0,012	0,059	FALSE
0,094	0,309	0,002	0,007	0,115	FALSE
-0,137	0,308	-0,005	0,011	0,182	FALSE
-0,106	0,307	-0,004	0,013	0,128	FALSE
-0,103	0,312	-0,002	0,008	0,121	FALSE
0,042	0,301	0,001	0,010	0,028	FALSE
0,107	0,308	0,004	0,012	0,113	FALSE
-0,007	0,298	0,000	0,007	0,012	FALSE
0,073	0,317	0,002	0,008	0,086	FALSE
0,120	0,311	0,003	0,008	0,148	FALSE
-0,062	0,299	-0,002	0,012	0,077	FALSE
0,045	0,305	0,001	0,012	0,031	FALSE
0,139	0,298	0,003	0,006	0,205	FALSE
0,006	0,292	0,000	0,013	0,011	FALSE
0,039	0,314	0,001	0,008	0,035	FALSE
0,135	0,314	0,004	0,009	0,186	FALSE
-0,097	0,307	-0,004	0,011	0,133	FALSE
0,090	0,318	0,003	0,012	0,095	FALSE
0,096	0,303	0,004	0,012	0,122	FALSE
0,093	0,296	0,004	0,011	0,120	FALSE
0,035	0,316	0,001	0,009	0,043	FALSE

-0,050	0,329	-0,001	0,007	0,063	FALSE
0,010	0,311	0,000	0,009	0,019	FALSE
0,083	0,318	0,002	0,007	0,128	FALSE
0,046	0,311	0,002	0,011	0,076	FALSE
-0,024	0,308	-0,001	0,007	0,042	FALSE
-0,105	0,303	-0,003	0,010	0,141	FALSE
0,001	0,303	0,000	0,006	0,004	FALSE
0,076	0,313	0,003	0,013	0,087	FALSE
0,078	0,305	0,001	0,006	0,082	FALSE
0,027	0,314	0,001	0,011	0,019	FALSE
0,090	0,302	0,002	0,006	0,134	FALSE
-0,078	0,312	-0,003	0,012	0,091	FALSE
-0,032	0,315	-0,001	0,008	0,038	FALSE
-0,013	0,310	-0,001	0,008	0,028	FALSE
0,000	0,320	0,000	0,011	0,010	FALSE
0,068	0,312	0,002	0,007	0,095	FALSE
-0,035	0,317	-0,001	0,006	0,031	FALSE
-0,028	0,302	-0,002	0,011	0,059	FALSE
0,050	0,297	0,002	0,012	0,053	FALSE
0,057	0,324	0,001	0,009	0,064	FALSE
-0,126	0,302	-0,003	0,007	0,180	FALSE
0,014	0,306	0,000	0,012	0,012	FALSE
0,055	0,300	0,001	0,012	0,044	FALSE
0,081	0,305	0,003	0,012	0,101	FALSE
-0,104	0,300	-0,003	0,008	0,174	FALSE
0,036	0,299	0,001	0,007	0,051	FALSE
-0,056	0,298	-0,001	0,009	0,035	FALSE
0,201	0,299	0,005	0,008	0,298	FALSE
0,035	0,301	0,001	0,007	0,068	FALSE
0,186	0,305	0,009	0,013	0,301	FALSE
-0,159	0,296	-0,007	0,012	0,248	FALSE
0,112	0,311	0,006	0,012	0,202	FALSE
0,150	0,311	0,004	0,008	0,179	FALSE
-0,063	0,305	-0,001	0,006	0,066	FALSE
-0,057	0,317	-0,002	0,011	0,065	FALSE
-0,006	0,306	0,000	0,012	0,014	FALSE
-0,107	0,305	-0,002	0,007	0,114	FALSE
-0,077	0,306	-0,002	0,010	0,087	FALSE
0,082	0,329	0,002	0,008	0,104	FALSE
-0,003	0,333	0,000	0,014	0,002	FALSE
0,027	0,305	0,001	0,012	0,034	FALSE
-0,011	0,311	-0,001	0,013	0,026	FALSE
-0,039	0,312	-0,001	0,008	0,043	FALSE
-0,040	0,304	-0,003	0,012	0,084	FALSE
-0,029	0,302	-0,003	0,013	0,085	FALSE
-0,011	0,292	-0,001	0,012	0,036	FALSE
-0,069	0,321	-0,002	0,008	0,112	FALSE
-0,125	0,299	-0,002	0,006	0,150	FALSE
-0,015	0,314	-0,001	0,011	0,018	FALSE
0,052	0,311	0,003	0,012	0,106	FALSE
0,048	0,313	0,001	0,009	0,056	FALSE
-0,014	0,311	0,000	0,009	0,004	FALSE
-0,085	0,331	-0,002	0,007	0,101	FALSE

-0,035	0,314	0,000	0,008	0,019	FALSE
0,035	0,312	0,002	0,010	0,060	FALSE
0,032	0,304	0,002	0,011	0,061	FALSE
0,055	0,307	0,002	0,011	0,064	FALSE
-0,035	0,301	0,000	0,007	0,024	FALSE
-0,033	0,289	-0,003	0,011	0,094	FALSE
-0,004	0,314	0,000	0,008	0,002	FALSE
0,052	0,306	0,001	0,007	0,066	FALSE
-0,107	0,304	-0,004	0,013	0,130	FALSE
0,062	0,304	0,002	0,008	0,117	FALSE
-0,100	0,293	-0,003	0,010	0,125	FALSE
0,018	0,299	0,001	0,008	0,046	FALSE
-0,003	0,297	-0,001	0,011	0,030	FALSE
-0,038	0,289	-0,001	0,007	0,043	FALSE
0,044	0,299	0,000	0,011	0,016	FALSE
-0,044	0,313	-0,002	0,012	0,069	FALSE
0,014	0,311	0,000	0,010	0,001	FALSE
0,050	0,307	0,001	0,008	0,052	FALSE
-0,016	0,324	-0,001	0,013	0,021	FALSE
-0,017	0,316	-0,001	0,011	0,018	FALSE
-0,091	0,303	-0,002	0,006	0,101	FALSE
-0,014	0,300	0,000	0,010	0,002	FALSE
-0,002	0,310	0,000	0,008	0,021	FALSE
0,074	0,319	0,002	0,010	0,090	FALSE
-0,079	0,310	-0,002	0,009	0,094	FALSE
-0,001	0,299	0,000	0,010	0,007	FALSE
0,018	0,311	0,001	0,012	0,030	FALSE
0,043	0,313	0,001	0,011	0,039	FALSE
0,015	0,313	0,001	0,010	0,023	FALSE
0,153	0,302	0,003	0,007	0,203	FALSE
0,100	0,295	0,005	0,013	0,164	FALSE
0,071	0,293	0,004	0,012	0,128	FALSE
0,113	0,305	0,004	0,010	0,166	FALSE
0,024	0,316	0,002	0,011	0,057	FALSE
0,040	0,304	0,002	0,011	0,075	FALSE
0,093	0,323	0,003	0,010	0,124	FALSE
0,019	0,306	0,001	0,008	0,045	FALSE
-0,110	0,308	-0,004	0,010	0,144	FALSE
-0,111	0,294	-0,004	0,011	0,138	FALSE
0,000	0,306	0,000	0,006	0,014	FALSE
-0,011	0,312	-0,001	0,010	0,058	FALSE
-0,107	0,322	-0,003	0,008	0,133	FALSE
0,139	0,310	0,003	0,007	0,199	FALSE
-0,092	0,308	-0,002	0,008	0,102	FALSE
0,014	0,304	0,000	0,009	0,019	FALSE
0,161	0,297	0,003	0,006	0,238	FALSE
-0,082	0,321	-0,003	0,011	0,099	FALSE
0,008	0,299	0,000	0,013	0,001	FALSE
0,142	0,305	0,003	0,007	0,218	FALSE
0,052	0,313	0,001	0,011	0,043	FALSE
-0,104	0,310	-0,004	0,010	0,149	FALSE
0,004	0,301	0,000	0,008	0,012	FALSE
-0,008	0,310	0,000	0,009	0,009	FALSE

0,068	0,311	0,003	0,011	0,110	FALSE
0,067	0,304	0,001	0,006	0,078	FALSE
0,103	0,317	0,002	0,007	0,109	FALSE
0,058	0,309	0,002	0,013	0,044	FALSE
0,087	0,302	0,003	0,011	0,122	FALSE
-0,125	0,298	-0,004	0,009	0,187	FALSE
-0,062	0,317	-0,002	0,011	0,055	FALSE
-0,024	0,309	-0,001	0,011	0,022	FALSE
0,109	0,309	0,003	0,007	0,185	FALSE
-0,130	0,308	-0,003	0,008	0,167	FALSE
0,110	0,297	0,004	0,012	0,144	FALSE
0,121	0,306	0,003	0,008	0,161	FALSE
-0,058	0,319	-0,001	0,007	0,071	FALSE
-0,027	0,298	0,000	0,009	0,005	FALSE
-0,104	0,314	-0,002	0,007	0,120	FALSE
0,016	0,307	0,001	0,007	0,029	FALSE
0,080	0,313	0,002	0,008	0,112	FALSE
-0,232	0,299	-0,009	0,012	0,326	FALSE
0,105	0,314	0,004	0,012	0,134	FALSE
-0,211	0,302	-0,008	0,012	0,302	FALSE
-0,154	0,317	-0,007	0,012	0,246	FALSE
-0,083	0,302	-0,002	0,007	0,105	FALSE
-0,157	0,303	-0,007	0,012	0,250	FALSE
-0,072	0,308	-0,002	0,008	0,086	FALSE
-0,150	0,297	-0,007	0,012	0,243	FALSE
-0,153	0,311	-0,007	0,012	0,245	FALSE
-0,149	0,301	-0,006	0,012	0,235	FALSE
0,046	0,312	0,002	0,013	0,062	FALSE
-0,132	0,300	-0,003	0,008	0,176	FALSE
0,064	0,293	0,002	0,007	0,083	FALSE
-0,144	0,299	-0,003	0,007	0,201	FALSE
0,097	0,309	0,002	0,007	0,136	FALSE
0,044	0,311	0,002	0,011	0,055	FALSE
0,082	0,295	0,002	0,007	0,116	FALSE
0,110	0,299	0,002	0,006	0,155	FALSE
0,073	0,308	0,003	0,013	0,090	FALSE
0,099	0,314	0,003	0,009	0,140	FALSE
0,101	0,311	0,003	0,009	0,150	FALSE
-0,099	0,323	-0,004	0,013	0,131	FALSE
0,092	0,307	0,002	0,007	0,136	FALSE
-0,125	0,306	-0,004	0,009	0,191	FALSE
0,005	0,310	0,000	0,008	0,013	FALSE
-0,024	0,299	0,000	0,007	0,005	FALSE
-0,138	0,310	-0,006	0,013	0,175	FALSE
-0,152	0,306	-0,007	0,013	0,216	FALSE
-0,142	0,303	-0,006	0,013	0,187	FALSE
-0,149	0,301	-0,006	0,013	0,197	FALSE
-0,141	0,311	-0,006	0,013	0,178	FALSE
-0,132	0,319	-0,005	0,013	0,161	FALSE
-0,126	0,318	-0,005	0,013	0,166	FALSE
-0,154	0,307	-0,006	0,011	0,228	FALSE
-0,002	0,308	0,001	0,012	0,022	FALSE
0,000	0,309	0,000	0,012	0,003	FALSE

0,098	0,309	0,002	0,006	0,120	FALSE
0,121	0,299	0,005	0,010	0,206	FALSE
0,106	0,304	0,003	0,007	0,181	FALSE
0,012	0,317	0,000	0,012	0,014	FALSE
0,162	0,310	0,005	0,009	0,255	FALSE
-0,071	0,304	-0,001	0,007	0,072	FALSE
0,001	0,303	0,000	0,007	0,007	FALSE
0,029	0,312	0,001	0,013	0,035	FALSE
-0,074	0,310	-0,002	0,007	0,083	FALSE
0,084	0,304	0,002	0,007	0,109	FALSE
-0,122	0,299	-0,004	0,012	0,149	FALSE
0,084	0,306	0,002	0,008	0,075	FALSE
0,088	0,301	0,002	0,008	0,082	FALSE
-0,164	0,307	-0,007	0,013	0,230	FALSE
-0,072	0,293	-0,002	0,008	0,077	FALSE
0,043	0,301	0,001	0,010	0,056	FALSE
0,011	0,307	0,000	0,007	0,008	FALSE
-0,017	0,296	-0,001	0,006	0,035	FALSE
0,022	0,317	0,001	0,013	0,037	FALSE
-0,013	0,316	-0,001	0,007	0,033	FALSE
-0,006	0,314	0,000	0,009	0,017	FALSE
-0,005	0,315	0,000	0,009	0,010	FALSE
0,038	0,314	0,002	0,013	0,058	FALSE
-0,076	0,299	-0,003	0,013	0,083	FALSE
0,057	0,297	0,002	0,007	0,112	FALSE
-0,003	0,287	0,000	0,008	0,023	FALSE
0,008	0,304	0,001	0,008	0,035	FALSE
-0,020	0,315	-0,001	0,009	0,047	FALSE
-0,123	0,295	-0,005	0,013	0,165	FALSE
0,022	0,294	0,001	0,008	0,049	FALSE
0,131	0,284	0,007	0,012	0,249	FALSE
-0,049	0,324	-0,001	0,010	0,046	FALSE
-0,029	0,320	-0,001	0,010	0,023	FALSE
-0,070	0,306	-0,004	0,013	0,122	FALSE
-0,013	0,338	0,000	0,010	0,008	FALSE
-0,016	0,293	-0,002	0,012	0,059	FALSE
0,155	0,297	0,007	0,013	0,244	FALSE
-0,140	0,310	-0,006	0,013	0,210	FALSE
-0,005	0,299	0,000	0,007	0,009	FALSE
-0,075	0,309	-0,002	0,007	0,095	FALSE
-0,106	0,297	-0,005	0,012	0,162	FALSE
0,070	0,314	0,003	0,009	0,125	FALSE
-0,047	0,303	-0,003	0,012	0,093	FALSE
0,139	0,306	0,003	0,007	0,177	FALSE
0,048	0,315	0,001	0,008	0,049	FALSE
0,097	0,320	0,003	0,011	0,108	FALSE
-0,004	0,298	0,000	0,007	0,014	FALSE
-0,041	0,312	-0,001	0,007	0,075	FALSE
0,017	0,314	0,001	0,010	0,026	FALSE
0,164	0,294	0,008	0,013	0,283	FALSE
0,054	0,308	0,002	0,012	0,062	FALSE
0,045	0,313	0,001	0,007	0,051	FALSE
0,040	0,306	0,001	0,006	0,058	FALSE

-0,005	0,308	0,000	0,009	0,014	FALSE
0,110	0,322	0,004	0,010	0,160	FALSE
0,035	0,304	0,002	0,009	0,074	FALSE
0,015	0,309	0,001	0,010	0,048	FALSE
0,066	0,307	0,001	0,010	0,055	FALSE
0,068	0,309	0,002	0,010	0,066	FALSE
-0,012	0,295	0,000	0,008	0,010	FALSE
-0,050	0,312	-0,002	0,013	0,057	FALSE
0,002	0,309	0,000	0,009	0,007	FALSE
-0,006	0,296	0,000	0,009	0,008	FALSE
-0,051	0,305	-0,002	0,011	0,059	FALSE
-0,014	0,322	0,000	0,013	0,014	FALSE
-0,063	0,310	-0,002	0,012	0,074	FALSE
-0,099	0,307	-0,005	0,012	0,160	FALSE
-0,046	0,303	-0,002	0,013	0,068	FALSE
-0,066	0,309	-0,001	0,007	0,063	FALSE
0,055	0,321	0,001	0,008	0,041	FALSE
0,044	0,312	0,002	0,010	0,082	FALSE
0,203	0,291	0,004	0,006	0,259	FALSE
-0,026	0,303	-0,002	0,009	0,065	FALSE
-0,125	0,314	-0,005	0,012	0,164	FALSE
0,099	0,306	0,003	0,008	0,127	FALSE
-0,163	0,304	-0,004	0,008	0,192	FALSE
0,011	0,318	0,001	0,007	0,028	FALSE
-0,023	0,310	-0,001	0,009	0,034	FALSE
-0,154	0,311	-0,005	0,011	0,183	FALSE
0,022	0,299	0,001	0,007	0,042	FALSE
-0,053	0,322	-0,001	0,007	0,049	FALSE
-0,007	0,324	0,000	0,012	0,003	FALSE
0,021	0,319	0,001	0,012	0,015	FALSE
0,002	0,328	0,000	0,014	0,011	FALSE
0,012	0,315	-0,001	0,013	0,016	FALSE
0,151	0,315	0,004	0,007	0,224	FALSE
0,031	0,310	0,001	0,007	0,043	FALSE
-0,071	0,310	-0,002	0,009	0,111	FALSE
0,026	0,303	0,001	0,009	0,029	FALSE
0,028	0,316	0,001	0,012	0,018	FALSE
0,031	0,314	0,001	0,008	0,040	FALSE
0,036	0,312	0,001	0,009	0,041	FALSE
-0,063	0,305	-0,003	0,010	0,098	FALSE
-0,092	0,298	-0,002	0,007	0,105	FALSE
-0,029	0,293	-0,001	0,011	0,047	FALSE
0,002	0,318	0,000	0,008	0,011	FALSE
-0,040	0,296	0,000	0,006	0,019	FALSE
0,161	0,303	0,004	0,007	0,235	FALSE
0,037	0,315	0,001	0,008	0,038	FALSE
0,177	0,297	0,004	0,006	0,250	FALSE
-0,129	0,304	-0,004	0,012	0,142	FALSE
-0,199	0,300	-0,007	0,012	0,239	FALSE
0,037	0,320	0,001	0,008	0,070	FALSE
-0,069	0,316	-0,003	0,009	0,120	FALSE
0,123	0,285	0,003	0,006	0,220	FALSE
-0,002	0,312	0,000	0,010	0,013	FALSE

-0,104	0,311	-0,004	0,012	0,118	FALSE
0,044	0,307	0,001	0,010	0,047	FALSE
-0,059	0,298	-0,001	0,007	0,049	FALSE
0,014	0,313	0,000	0,013	0,008	FALSE
-0,084	0,304	-0,002	0,008	0,088	FALSE
0,022	0,313	0,001	0,013	0,021	FALSE
-0,038	0,328	-0,001	0,013	0,038	FALSE
0,008	0,315	0,000	0,013	0,004	FALSE
0,008	0,318	0,000	0,013	0,010	FALSE
-0,004	0,334	0,000	0,014	0,005	FALSE
0,016	0,318	0,001	0,013	0,019	FALSE
-0,024	0,314	-0,001	0,013	0,025	FALSE
0,000	0,318	0,000	0,013	0,005	FALSE
-0,009	0,329	-0,001	0,013	0,018	FALSE
0,001	0,317	0,000	0,013	0,002	FALSE
-0,009	0,317	-0,001	0,013	0,020	FALSE
-0,008	0,303	0,000	0,006	0,004	FALSE
-0,031	0,326	-0,001	0,013	0,024	FALSE
-0,016	0,304	0,000	0,012	0,009	FALSE
-0,015	0,324	-0,001	0,014	0,021	FALSE
0,023	0,326	0,001	0,013	0,024	FALSE
0,019	0,313	0,001	0,013	0,022	FALSE
-0,020	0,334	-0,001	0,013	0,023	FALSE
0,003	0,324	0,000	0,013	0,001	FALSE
0,002	0,317	0,000	0,013	0,002	FALSE
-0,012	0,317	0,000	0,013	0,011	FALSE
0,016	0,329	0,001	0,013	0,022	FALSE
-0,067	0,301	-0,001	0,008	0,063	FALSE
-0,042	0,306	-0,001	0,009	0,045	FALSE
-0,046	0,298	-0,001	0,007	0,053	FALSE
0,122	0,296	0,004	0,009	0,158	FALSE
0,126	0,318	0,005	0,012	0,150	FALSE
0,062	0,302	0,002	0,007	0,126	FALSE
-0,175	0,301	-0,007	0,012	0,239	FALSE
0,034	0,312	0,000	0,007	0,004	FALSE
-0,116	0,295	-0,005	0,012	0,160	FALSE
-0,200	0,299	-0,007	0,011	0,310	FALSE
-0,095	0,301	-0,004	0,012	0,127	FALSE
0,100	0,303	0,003	0,006	0,184	FALSE
0,023	0,309	0,000	0,012	0,008	FALSE
-0,208	0,301	-0,008	0,012	0,313	FALSE
0,051	0,303	0,002	0,010	0,074	FALSE
0,046	0,301	0,001	0,008	0,059	FALSE
-0,059	0,300	-0,001	0,008	0,046	FALSE
-0,021	0,313	0,000	0,007	0,009	FALSE
0,037	0,285	0,002	0,009	0,070	FALSE
-0,010	0,288	0,000	0,008	0,003	FALSE
0,067	0,299	0,003	0,011	0,117	FALSE
0,175	0,300	0,004	0,006	0,249	FALSE
0,186	0,284	0,004	0,006	0,301	FALSE
-0,096	0,293	-0,003	0,012	0,103	FALSE
-0,079	0,308	-0,001	0,007	0,075	FALSE
-0,049	0,312	-0,001	0,007	0,052	FALSE

-0,016	0,317	0,000	0,007	0,013	FALSE
-0,034	0,304	-0,001	0,012	0,043	FALSE
0,075	0,310	0,002	0,009	0,085	FALSE
0,041	0,312	0,002	0,012	0,055	FALSE
0,013	0,313	0,000	0,008	0,018	FALSE
0,106	0,283	0,005	0,012	0,149	FALSE
0,136	0,289	0,006	0,013	0,185	FALSE
-0,198	0,296	-0,005	0,009	0,284	FALSE
-0,099	0,300	-0,002	0,007	0,101	FALSE
-0,031	0,298	-0,001	0,009	0,037	FALSE
0,017	0,301	0,000	0,007	0,000	FALSE
0,009	0,302	0,001	0,010	0,025	FALSE
0,078	0,314	0,002	0,010	0,095	FALSE
-0,080	0,307	-0,002	0,006	0,129	FALSE
0,039	0,314	0,001	0,008	0,065	FALSE
0,021	0,310	0,000	0,009	0,013	FALSE
-0,001	0,317	0,000	0,010	0,013	FALSE
0,033	0,303	0,001	0,007	0,068	FALSE
0,013	0,311	0,000	0,010	0,010	FALSE
-0,182	0,276	-0,006	0,010	0,296	FALSE
0,042	0,315	0,002	0,009	0,083	FALSE
0,090	0,304	0,003	0,011	0,095	FALSE
0,109	0,317	0,004	0,012	0,134	FALSE
0,017	0,292	0,000	0,007	0,000	FALSE
0,026	0,292	0,000	0,007	0,010	FALSE
-0,142	0,298	-0,004	0,009	0,177	FALSE
0,014	0,295	0,000	0,007	0,009	FALSE
0,021	0,304	0,001	0,012	0,029	FALSE
-0,177	0,291	-0,005	0,010	0,229	FALSE
0,045	0,296	0,002	0,010	0,082	FALSE
-0,042	0,313	-0,001	0,007	0,041	FALSE
0,124	0,325	0,005	0,012	0,177	FALSE
0,118	0,309	0,005	0,012	0,181	FALSE
-0,066	0,303	-0,002	0,008	0,077	FALSE
0,073	0,306	0,002	0,012	0,055	FALSE
0,036	0,303	0,002	0,008	0,078	FALSE
0,024	0,306	0,001	0,009	0,054	FALSE
-0,012	0,314	0,000	0,012	0,006	FALSE
-0,051	0,307	-0,001	0,007	0,073	FALSE
-0,044	0,319	-0,001	0,013	0,035	FALSE
0,051	0,301	0,001	0,007	0,064	FALSE
-0,141	0,299	-0,005	0,011	0,211	FALSE
0,005	0,299	0,001	0,013	0,017	FALSE
-0,010	0,298	0,001	0,011	0,018	FALSE
0,056	0,314	0,002	0,013	0,059	FALSE
0,063	0,308	0,003	0,012	0,079	FALSE
-0,032	0,298	-0,001	0,007	0,040	FALSE
-0,051	0,314	-0,002	0,011	0,071	FALSE
-0,026	0,286	-0,001	0,007	0,048	FALSE
0,110	0,296	0,004	0,012	0,113	FALSE
0,108	0,305	0,002	0,006	0,107	FALSE
0,108	0,305	0,004	0,009	0,175	FALSE
-0,073	0,305	-0,002	0,010	0,079	FALSE

-0,022	0,308	-0,002	0,010	0,054	FALSE
-0,006	0,299	-0,001	0,007	0,038	FALSE
-0,072	0,315	-0,002	0,007	0,087	FALSE
-0,114	0,303	-0,004	0,012	0,133	FALSE
-0,077	0,315	-0,003	0,010	0,131	FALSE
-0,005	0,288	-0,001	0,012	0,028	FALSE
0,009	0,298	-0,001	0,013	0,018	FALSE
-0,066	0,319	-0,001	0,008	0,070	FALSE
-0,007	0,303	-0,001	0,013	0,036	FALSE
-0,088	0,309	-0,002	0,007	0,092	FALSE
-0,014	0,304	-0,001	0,013	0,040	FALSE
0,102	0,320	0,003	0,007	0,167	FALSE
0,102	0,301	0,003	0,008	0,170	FALSE
0,069	0,305	0,002	0,010	0,086	FALSE
0,026	0,303	0,001	0,008	0,055	FALSE
0,095	0,301	0,004	0,012	0,128	FALSE
-0,004	0,311	0,000	0,011	0,003	FALSE
-0,009	0,320	0,000	0,011	0,003	FALSE
0,031	0,302	0,001	0,011	0,027	FALSE
-0,008	0,314	0,000	0,011	0,008	FALSE
0,046	0,316	0,002	0,013	0,058	FALSE
0,005	0,323	0,000	0,010	0,004	FALSE
0,058	0,293	0,001	0,010	0,053	FALSE
-0,031	0,320	0,000	0,011	0,014	FALSE
-0,069	0,310	-0,003	0,012	0,104	FALSE
-0,059	0,318	-0,003	0,013	0,088	FALSE
-0,049	0,305	-0,002	0,009	0,067	FALSE
0,111	0,298	0,004	0,013	0,132	FALSE
-0,031	0,324	-0,001	0,007	0,041	FALSE
-0,004	0,299	0,000	0,008	0,007	FALSE
0,068	0,290	0,002	0,007	0,096	FALSE
-0,026	0,298	0,000	0,010	0,009	FALSE
-0,032	0,306	-0,001	0,012	0,046	FALSE
0,035	0,305	0,002	0,008	0,075	FALSE
-0,009	0,314	0,000	0,007	0,004	FALSE
0,113	0,311	0,005	0,013	0,159	FALSE
0,032	0,305	0,001	0,011	0,034	FALSE
0,092	0,319	0,002	0,007	0,129	FALSE
-0,144	0,310	-0,004	0,008	0,199	FALSE
-0,138	0,300	-0,004	0,007	0,236	FALSE
0,065	0,316	0,002	0,011	0,056	FALSE
0,057	0,307	0,002	0,008	0,081	FALSE
0,028	0,310	0,001	0,010	0,042	FALSE
0,047	0,301	0,001	0,012	0,026	FALSE
-0,071	0,313	-0,002	0,008	0,093	FALSE
-0,050	0,318	-0,001	0,007	0,050	FALSE
-0,044	0,304	-0,001	0,007	0,058	FALSE
-0,084	0,304	-0,003	0,009	0,114	FALSE
-0,170	0,307	-0,006	0,013	0,212	FALSE
0,124	0,309	0,004	0,013	0,131	FALSE
-0,157	0,313	-0,006	0,013	0,203	FALSE
-0,100	0,308	-0,003	0,011	0,121	FALSE
0,125	0,298	0,003	0,007	0,157	FALSE

-0,082	0,314	-0,002	0,008	0,094	FALSE
-0,160	0,298	-0,005	0,010	0,214	FALSE
-0,030	0,315	-0,002	0,013	0,051	FALSE
0,030	0,304	0,001	0,010	0,027	FALSE
0,070	0,314	0,002	0,012	0,060	FALSE
-0,094	0,318	-0,004	0,012	0,134	FALSE
-0,072	0,310	-0,002	0,008	0,099	FALSE
0,065	0,310	0,002	0,010	0,071	FALSE
0,031	0,292	0,001	0,006	0,032	FALSE
-0,030	0,315	-0,001	0,007	0,035	FALSE
0,011	0,311	0,000	0,010	0,017	FALSE
-0,043	0,285	-0,002	0,010	0,090	FALSE
-0,048	0,309	-0,001	0,009	0,048	FALSE
0,094	0,304	0,003	0,013	0,086	FALSE
-0,035	0,308	0,000	0,013	0,005	FALSE
-0,049	0,298	-0,001	0,007	0,045	FALSE
-0,012	0,303	0,000	0,009	0,018	FALSE
0,137	0,311	0,003	0,007	0,156	FALSE
-0,032	0,298	-0,002	0,010	0,058	FALSE
-0,043	0,293	0,000	0,006	0,028	FALSE
-0,016	0,314	-0,001	0,008	0,039	FALSE
0,041	0,296	0,002	0,012	0,059	FALSE
0,040	0,313	0,001	0,007	0,076	FALSE
-0,106	0,309	-0,003	0,009	0,143	FALSE
0,081	0,305	0,002	0,007	0,103	FALSE
0,052	0,306	0,001	0,012	0,043	FALSE
0,092	0,307	0,003	0,010	0,102	FALSE
0,050	0,304	0,001	0,010	0,037	FALSE
-0,002	0,314	0,000	0,013	0,008	FALSE
-0,119	0,304	-0,004	0,010	0,185	FALSE
-0,166	0,300	-0,005	0,010	0,220	FALSE
0,102	0,306	0,004	0,013	0,134	FALSE
-0,042	0,308	0,000	0,010	0,015	FALSE
-0,069	0,296	-0,002	0,009	0,093	FALSE
0,071	0,316	0,001	0,007	0,083	FALSE
-0,029	0,319	-0,001	0,008	0,040	FALSE
0,163	0,293	0,007	0,012	0,244	FALSE
0,013	0,317	0,001	0,011	0,030	FALSE
0,039	0,309	0,002	0,011	0,062	FALSE
0,013	0,312	0,000	0,013	0,004	FALSE
-0,007	0,309	0,000	0,011	0,012	FALSE
0,109	0,302	0,003	0,010	0,127	FALSE
0,149	0,312	0,005	0,010	0,196	FALSE
0,014	0,307	0,000	0,012	0,008	FALSE
0,040	0,300	0,002	0,011	0,072	FALSE
0,037	0,305	0,001	0,012	0,045	FALSE
0,010	0,304	0,001	0,012	0,020	FALSE
0,052	0,303	0,002	0,011	0,066	FALSE
0,011	0,313	0,001	0,012	0,015	FALSE
-0,033	0,294	-0,001	0,012	0,029	FALSE
0,028	0,301	0,001	0,009	0,049	FALSE
-0,020	0,295	0,000	0,007	0,021	FALSE
0,102	0,302	0,003	0,010	0,126	FALSE

-0,009	0,316	0,000	0,008	0,008	FALSE
-0,091	0,314	-0,003	0,009	0,141	FALSE
-0,055	0,327	-0,002	0,009	0,080	FALSE
0,147	0,314	0,006	0,012	0,189	FALSE
0,126	0,314	0,005	0,013	0,167	FALSE
-0,028	0,309	-0,001	0,013	0,041	FALSE
0,049	0,316	0,001	0,006	0,077	FALSE
-0,103	0,306	-0,003	0,008	0,143	FALSE
-0,120	0,290	-0,003	0,007	0,177	FALSE
-0,031	0,322	-0,001	0,011	0,023	FALSE
0,022	0,310	0,002	0,013	0,054	FALSE
-0,021	0,312	-0,001	0,013	0,020	FALSE
-0,028	0,298	0,000	0,009	0,012	FALSE
-0,133	0,305	-0,005	0,010	0,184	FALSE
0,069	0,300	0,003	0,012	0,090	FALSE
-0,014	0,295	0,000	0,006	0,009	FALSE
-0,056	0,307	-0,001	0,008	0,045	FALSE
0,094	0,316	0,002	0,007	0,113	FALSE
0,049	0,292	0,001	0,009	0,029	FALSE
-0,032	0,306	-0,001	0,009	0,058	FALSE
-0,062	0,311	-0,002	0,007	0,090	FALSE
-0,175	0,306	-0,007	0,012	0,251	FALSE
0,004	0,306	0,000	0,012	0,011	FALSE
-0,024	0,314	-0,001	0,012	0,042	FALSE
-0,046	0,305	-0,001	0,008	0,064	FALSE
-0,087	0,315	-0,002	0,010	0,097	FALSE
-0,130	0,307	-0,006	0,013	0,195	FALSE
0,031	0,308	0,001	0,009	0,033	FALSE
0,028	0,299	0,000	0,009	0,020	FALSE
0,037	0,308	0,001	0,011	0,024	FALSE
-0,075	0,295	-0,004	0,012	0,124	FALSE
0,046	0,312	0,001	0,007	0,043	FALSE
-0,075	0,295	-0,002	0,007	0,099	FALSE
0,110	0,307	0,003	0,008	0,151	FALSE
0,091	0,313	0,002	0,010	0,076	FALSE
0,026	0,308	0,001	0,012	0,025	FALSE
0,085	0,295	0,003	0,011	0,112	FALSE
0,094	0,303	0,002	0,010	0,093	FALSE
0,129	0,309	0,003	0,007	0,164	FALSE
-0,023	0,310	-0,001	0,006	0,055	FALSE
-0,047	0,303	-0,002	0,008	0,095	FALSE
0,018	0,294	0,001	0,006	0,059	FALSE
0,056	0,301	0,001	0,006	0,056	FALSE
0,025	0,308	0,001	0,009	0,045	FALSE
-0,021	0,320	0,000	0,008	0,005	FALSE
-0,057	0,324	-0,001	0,008	0,059	FALSE
-0,106	0,292	-0,003	0,009	0,150	FALSE
-0,040	0,305	-0,001	0,009	0,048	FALSE
0,095	0,317	0,003	0,009	0,137	FALSE
-0,117	0,301	-0,004	0,011	0,151	FALSE
-0,158	0,295	-0,004	0,009	0,201	FALSE
-0,057	0,313	-0,002	0,009	0,103	FALSE
-0,166	0,302	-0,004	0,008	0,220	FALSE

-0,137	0,308	-0,004	0,009	0,180	FALSE
0,145	0,294	0,005	0,010	0,212	FALSE
-0,043	0,309	-0,001	0,013	0,028	FALSE
-0,035	0,299	-0,001	0,012	0,024	FALSE
-0,005	0,304	0,000	0,008	0,005	FALSE
0,177	0,289	0,004	0,007	0,255	FALSE
0,124	0,312	0,004	0,010	0,189	FALSE
-0,078	0,309	-0,003	0,013	0,097	FALSE
0,188	0,296	0,004	0,006	0,276	FALSE
0,050	0,315	0,001	0,007	0,051	FALSE
0,030	0,303	0,001	0,007	0,042	FALSE
-0,089	0,295	-0,004	0,012	0,145	FALSE
0,036	0,321	0,001	0,008	0,028	FALSE
-0,080	0,288	-0,002	0,009	0,099	FALSE
-0,062	0,301	-0,001	0,010	0,048	FALSE
-0,005	0,305	-0,001	0,008	0,026	FALSE
-0,033	0,290	-0,001	0,010	0,022	FALSE
-0,109	0,302	-0,003	0,009	0,122	FALSE
0,033	0,324	0,001	0,013	0,033	FALSE
0,067	0,299	0,002	0,007	0,129	FALSE
0,154	0,293	0,006	0,013	0,217	FALSE
0,159	0,292	0,007	0,013	0,234	FALSE
0,144	0,304	0,007	0,013	0,208	FALSE
0,009	0,293	0,000	0,009	0,019	FALSE
0,011	0,306	0,000	0,008	0,002	FALSE
0,060	0,299	0,002	0,008	0,105	FALSE
0,047	0,294	0,002	0,008	0,079	FALSE
0,036	0,315	0,001	0,007	0,051	FALSE
0,013	0,304	0,000	0,007	0,016	FALSE
-0,090	0,297	-0,003	0,009	0,130	FALSE
-0,046	0,312	-0,001	0,010	0,054	FALSE
-0,078	0,303	-0,001	0,007	0,080	FALSE
-0,017	0,306	-0,001	0,013	0,031	FALSE
0,032	0,308	0,001	0,010	0,020	FALSE
0,009	0,311	0,000	0,010	0,008	FALSE
-0,081	0,312	-0,002	0,009	0,073	FALSE
0,013	0,292	0,001	0,009	0,023	FALSE
0,102	0,297	0,004	0,012	0,118	FALSE
0,087	0,305	0,003	0,013	0,090	FALSE
0,062	0,314	0,002	0,013	0,053	FALSE
0,055	0,302	0,001	0,013	0,034	FALSE
0,017	0,310	0,000	0,008	0,003	FALSE
0,102	0,304	0,004	0,010	0,144	FALSE
-0,063	0,308	-0,002	0,010	0,086	FALSE
-0,068	0,310	-0,003	0,011	0,099	FALSE
-0,155	0,300	-0,003	0,006	0,214	FALSE
-0,058	0,298	-0,003	0,012	0,106	FALSE
-0,164	0,296	-0,005	0,008	0,232	FALSE
0,028	0,308	0,002	0,012	0,051	FALSE
0,066	0,300	0,003	0,013	0,097	FALSE
-0,008	0,313	0,000	0,009	0,000	FALSE
0,002	0,300	0,000	0,012	0,007	FALSE
0,006	0,305	0,000	0,009	0,018	FALSE

-0,081	0,307	-0,003	0,010	0,114	FALSE
0,120	0,301	0,003	0,007	0,193	FALSE
-0,010	0,324	0,000	0,013	0,012	FALSE
0,015	0,295	0,001	0,007	0,045	FALSE
0,026	0,306	0,001	0,008	0,031	FALSE
0,052	0,299	0,002	0,008	0,083	FALSE
0,000	0,302	0,001	0,012	0,029	FALSE
0,180	0,302	0,007	0,012	0,246	FALSE
0,140	0,303	0,005	0,011	0,199	FALSE
0,113	0,298	0,005	0,011	0,181	FALSE
0,149	0,306	0,006	0,011	0,228	FALSE
0,029	0,303	0,000	0,007	0,005	FALSE
0,061	0,300	0,001	0,007	0,052	FALSE
0,115	0,298	0,003	0,008	0,148	FALSE
0,027	0,318	0,001	0,010	0,046	FALSE
-0,044	0,299	-0,001	0,008	0,066	FALSE
0,087	0,307	0,003	0,011	0,096	FALSE
-0,048	0,312	-0,001	0,007	0,065	FALSE
0,021	0,314	0,000	0,010	0,015	FALSE
-0,045	0,319	-0,001	0,008	0,062	FALSE
0,008	0,313	0,000	0,008	0,022	FALSE
-0,001	0,310	0,000	0,009	0,008	FALSE
-0,005	0,301	0,000	0,012	0,009	FALSE
0,056	0,307	0,001	0,008	0,067	FALSE
-0,043	0,312	-0,001	0,008	0,052	FALSE
-0,076	0,305	-0,002	0,007	0,108	FALSE
-0,045	0,294	-0,003	0,011	0,084	FALSE
0,070	0,301	0,002	0,010	0,087	FALSE
0,098	0,316	0,003	0,009	0,146	FALSE
-0,081	0,301	-0,004	0,012	0,127	FALSE
-0,071	0,304	-0,003	0,010	0,113	FALSE
-0,073	0,301	-0,003	0,011	0,115	FALSE
0,042	0,312	0,002	0,011	0,066	FALSE
-0,015	0,312	0,000	0,010	0,017	FALSE
-0,002	0,299	0,000	0,007	0,016	FALSE
0,030	0,308	0,000	0,007	0,009	FALSE
0,010	0,293	0,001	0,012	0,025	FALSE
-0,059	0,307	-0,002	0,007	0,079	FALSE
-0,015	0,312	0,000	0,012	0,008	FALSE
-0,009	0,303	0,000	0,012	0,003	FALSE
0,105	0,306	0,004	0,012	0,120	FALSE
-0,075	0,292	-0,002	0,008	0,110	FALSE
0,081	0,304	0,002	0,008	0,091	FALSE
0,070	0,318	0,002	0,010	0,066	FALSE
-0,064	0,302	-0,002	0,009	0,083	FALSE
0,133	0,307	0,005	0,010	0,181	FALSE
0,039	0,297	0,001	0,012	0,027	FALSE
-0,149	0,310	-0,003	0,007	0,188	FALSE
-0,023	0,310	0,000	0,007	0,011	FALSE
-0,022	0,305	-0,001	0,013	0,022	FALSE
0,001	0,302	0,000	0,006	0,022	FALSE
-0,007	0,300	0,000	0,011	0,006	FALSE
0,005	0,306	0,001	0,009	0,027	FALSE

0,048	0,309	0,003	0,011	0,090	FALSE
0,099	0,303	0,004	0,012	0,135	FALSE
-0,104	0,319	-0,005	0,013	0,166	FALSE
-0,068	0,314	-0,002	0,008	0,101	FALSE
-0,089	0,300	-0,004	0,012	0,126	FALSE
-0,088	0,305	-0,004	0,012	0,116	FALSE
-0,011	0,304	-0,001	0,008	0,022	FALSE
-0,014	0,310	-0,001	0,008	0,028	FALSE
0,178	0,292	0,008	0,012	0,287	FALSE
0,018	0,322	0,001	0,010	0,021	FALSE
-0,037	0,293	-0,001	0,008	0,051	FALSE
0,036	0,309	0,001	0,012	0,028	FALSE
-0,114	0,304	-0,003	0,009	0,161	FALSE
-0,113	0,310	-0,004	0,009	0,161	FALSE
0,105	0,301	0,003	0,007	0,152	FALSE
0,009	0,319	0,000	0,007	0,022	FALSE
0,040	0,298	0,001	0,006	0,056	FALSE
-0,019	0,323	-0,001	0,013	0,038	FALSE
0,003	0,318	0,000	0,012	0,001	FALSE
-0,025	0,301	-0,001	0,007	0,030	FALSE
0,113	0,305	0,003	0,008	0,175	FALSE
0,148	0,297	0,003	0,008	0,177	FALSE
-0,010	0,301	-0,001	0,007	0,029	FALSE
0,085	0,312	0,002	0,006	0,101	FALSE
-0,069	0,305	-0,002	0,007	0,111	FALSE
-0,138	0,306	-0,004	0,008	0,205	FALSE
0,124	0,294	0,003	0,007	0,193	FALSE
-0,002	0,306	0,000	0,013	0,005	FALSE
-0,060	0,320	-0,002	0,013	0,068	FALSE
0,017	0,293	0,000	0,009	0,013	FALSE
0,018	0,318	0,001	0,013	0,024	FALSE
-0,009	0,312	-0,001	0,013	0,017	FALSE
0,004	0,318	0,000	0,013	0,009	FALSE
-0,091	0,299	-0,003	0,012	0,092	FALSE
-0,130	0,294	-0,005	0,012	0,174	FALSE
-0,021	0,296	-0,001	0,012	0,030	FALSE
-0,021	0,284	-0,001	0,009	0,035	FALSE
-0,093	0,302	-0,002	0,007	0,109	FALSE
0,092	0,293	0,002	0,008	0,101	FALSE
0,103	0,305	0,003	0,008	0,129	FALSE
0,126	0,303	0,005	0,012	0,155	FALSE
-0,098	0,311	-0,002	0,009	0,094	FALSE
-0,118	0,312	-0,003	0,007	0,146	FALSE
0,089	0,305	0,002	0,007	0,107	FALSE
0,067	0,303	0,001	0,007	0,051	FALSE
0,034	0,316	0,000	0,011	0,010	FALSE
-0,096	0,299	-0,004	0,012	0,143	FALSE
0,050	0,308	0,002	0,009	0,086	FALSE
0,005	0,292	-0,001	0,012	0,024	FALSE
0,036	0,306	0,001	0,006	0,037	FALSE
0,041	0,315	0,002	0,008	0,091	FALSE
0,013	0,308	0,000	0,010	0,001	FALSE
0,023	0,321	0,001	0,010	0,028	FALSE

0,091	0,310	0,003	0,011	0,112	FALSE
0,098	0,314	0,004	0,012	0,121	FALSE
-0,060	0,304	-0,002	0,009	0,086	FALSE
-0,004	0,301	0,000	0,013	0,013	FALSE
-0,061	0,312	-0,001	0,009	0,058	FALSE
0,005	0,311	0,000	0,008	0,008	FALSE
0,017	0,312	0,000	0,009	0,007	FALSE
-0,167	0,294	-0,007	0,013	0,228	FALSE
-0,095	0,305	-0,004	0,012	0,130	FALSE
0,110	0,295	0,003	0,008	0,142	FALSE
0,109	0,308	0,003	0,008	0,137	FALSE
0,179	0,302	0,004	0,007	0,259	FALSE
0,068	0,302	0,002	0,006	0,092	FALSE
-0,041	0,304	-0,001	0,007	0,044	FALSE
-0,121	0,287	-0,004	0,009	0,192	FALSE
-0,017	0,319	0,000	0,008	0,018	FALSE
-0,062	0,305	-0,002	0,009	0,079	FALSE
0,066	0,310	0,002	0,007	0,091	FALSE
-0,041	0,304	-0,001	0,011	0,027	FALSE
-0,009	0,306	-0,001	0,007	0,025	FALSE
-0,012	0,298	-0,001	0,009	0,030	FALSE
-0,072	0,302	-0,003	0,010	0,101	FALSE
0,029	0,310	0,000	0,009	0,016	FALSE
-0,010	0,308	0,000	0,010	0,005	FALSE
-0,076	0,320	-0,002	0,008	0,113	FALSE
0,111	0,303	0,003	0,007	0,161	FALSE
-0,127	0,305	-0,003	0,007	0,158	FALSE
-0,036	0,303	-0,001	0,007	0,030	FALSE
-0,097	0,310	-0,002	0,007	0,152	FALSE
0,008	0,299	0,000	0,007	0,008	FALSE
0,002	0,302	0,000	0,007	0,010	FALSE
0,000	0,308	0,000	0,009	0,017	FALSE
-0,092	0,309	-0,003	0,009	0,133	FALSE
0,114	0,314	0,005	0,011	0,167	FALSE
-0,051	0,317	-0,002	0,011	0,056	FALSE
0,085	0,295	0,002	0,008	0,116	FALSE
-0,097	0,302	-0,004	0,012	0,114	FALSE
-0,031	0,314	-0,001	0,012	0,035	FALSE
0,069	0,316	0,001	0,008	0,068	FALSE
0,061	0,297	0,003	0,013	0,081	FALSE
0,071	0,302	0,003	0,013	0,098	FALSE
-0,052	0,305	-0,003	0,012	0,084	FALSE
-0,006	0,309	0,000	0,008	0,006	FALSE
0,000	0,315	0,000	0,009	0,017	FALSE
-0,063	0,312	-0,002	0,009	0,077	FALSE
-0,097	0,311	-0,003	0,009	0,115	FALSE
0,001	0,303	0,000	0,010	0,004	FALSE
-0,006	0,315	0,000	0,008	0,010	FALSE
-0,007	0,315	0,000	0,011	0,014	FALSE
0,030	0,301	0,000	0,008	0,008	FALSE
-0,039	0,311	-0,001	0,007	0,030	FALSE
-0,123	0,311	-0,005	0,013	0,168	FALSE
-0,116	0,319	-0,005	0,013	0,153	FALSE

-0,129	0,316	-0,006	0,013	0,183	FALSE
-0,126	0,316	-0,006	0,012	0,191	FALSE
-0,115	0,306	-0,005	0,012	0,163	FALSE
-0,095	0,308	-0,004	0,013	0,137	FALSE
-0,132	0,303	-0,002	0,006	0,158	FALSE
-0,141	0,305	-0,006	0,013	0,194	FALSE
0,031	0,310	0,001	0,012	0,030	FALSE
-0,028	0,314	-0,001	0,008	0,024	FALSE
0,015	0,310	0,000	0,008	0,013	FALSE
0,085	0,298	0,002	0,009	0,102	FALSE
0,115	0,298	0,003	0,008	0,155	FALSE
0,110	0,306	0,004	0,012	0,144	FALSE
0,067	0,313	0,002	0,008	0,097	FALSE
-0,111	0,286	-0,005	0,011	0,183	FALSE
0,007	0,308	0,001	0,013	0,024	FALSE
-0,061	0,305	-0,002	0,012	0,052	FALSE
0,044	0,317	0,001	0,009	0,045	FALSE
0,048	0,312	0,001	0,007	0,086	FALSE
0,036	0,307	0,002	0,008	0,074	FALSE
0,027	0,311	0,000	0,008	0,012	FALSE
-0,030	0,313	-0,001	0,013	0,024	FALSE
-0,158	0,307	-0,003	0,007	0,210	FALSE
0,012	0,306	0,001	0,011	0,018	FALSE
-0,146	0,300	-0,006	0,012	0,207	FALSE
-0,035	0,303	0,000	0,008	0,004	FALSE
0,042	0,313	0,001	0,013	0,038	FALSE
0,061	0,313	0,002	0,014	0,062	FALSE
-0,043	0,313	-0,002	0,013	0,042	FALSE
-0,097	0,304	-0,004	0,013	0,112	FALSE
-0,093	0,316	-0,005	0,013	0,148	FALSE
0,039	0,302	0,001	0,010	0,042	FALSE
0,064	0,312	0,002	0,011	0,075	FALSE
0,008	0,322	0,000	0,008	0,001	FALSE
0,076	0,317	0,004	0,013	0,107	FALSE
-0,115	0,300	-0,002	0,006	0,150	FALSE
-0,070	0,307	-0,002	0,008	0,073	FALSE
0,105	0,306	0,003	0,007	0,167	FALSE
0,006	0,303	0,000	0,006	0,001	FALSE
-0,016	0,310	-0,001	0,010	0,036	FALSE
-0,029	0,301	-0,001	0,008	0,044	FALSE
0,056	0,315	0,003	0,012	0,090	FALSE
-0,046	0,320	-0,002	0,013	0,047	FALSE
0,039	0,321	0,002	0,013	0,055	FALSE
-0,035	0,290	0,000	0,006	0,008	FALSE
0,153	0,291	0,003	0,007	0,158	FALSE
-0,032	0,300	0,000	0,006	0,009	FALSE
-0,004	0,311	-0,001	0,007	0,032	FALSE
-0,062	0,317	-0,002	0,012	0,065	FALSE
0,111	0,300	0,002	0,006	0,155	FALSE
-0,022	0,311	0,000	0,007	0,009	FALSE
0,039	0,315	0,001	0,013	0,018	FALSE
0,049	0,307	0,001	0,006	0,085	FALSE
0,024	0,297	0,001	0,009	0,031	FALSE

0,015	0,310	0,000	0,009	0,019	FALSE
0,033	0,299	0,001	0,006	0,053	FALSE
-0,037	0,306	-0,002	0,012	0,051	FALSE
-0,070	0,314	-0,003	0,011	0,092	FALSE
-0,036	0,316	-0,001	0,009	0,039	FALSE
-0,077	0,308	-0,003	0,012	0,087	FALSE
0,100	0,297	0,003	0,012	0,098	FALSE
-0,077	0,310	-0,002	0,012	0,075	FALSE
0,111	0,310	0,004	0,012	0,153	FALSE
-0,138	0,308	-0,004	0,008	0,209	FALSE
0,000	0,297	0,000	0,009	0,014	FALSE
-0,042	0,315	-0,002	0,010	0,080	FALSE
0,105	0,306	0,004	0,011	0,125	FALSE
-0,066	0,298	-0,003	0,010	0,114	FALSE
0,063	0,300	0,001	0,006	0,079	FALSE
-0,075	0,305	-0,002	0,007	0,091	FALSE
0,025	0,306	0,001	0,012	0,020	FALSE
0,030	0,307	0,002	0,009	0,067	FALSE
0,146	0,316	0,006	0,013	0,168	FALSE
0,085	0,314	0,003	0,013	0,084	FALSE
-0,086	0,308	-0,003	0,010	0,097	FALSE
0,194	0,303	0,008	0,012	0,272	FALSE
0,003	0,311	0,000	0,009	0,008	FALSE
0,069	0,310	0,002	0,008	0,088	FALSE
0,007	0,318	0,000	0,009	0,003	FALSE
0,030	0,310	0,001	0,007	0,052	FALSE
-0,007	0,306	0,000	0,008	0,001	FALSE
-0,044	0,318	-0,001	0,007	0,048	FALSE
0,061	0,320	0,002	0,011	0,070	FALSE
0,059	0,317	0,002	0,013	0,069	FALSE
0,157	0,301	0,006	0,012	0,219	FALSE
-0,095	0,325	-0,002	0,008	0,102	FALSE
-0,053	0,320	-0,002	0,008	0,077	FALSE
0,034	0,312	0,002	0,013	0,045	FALSE
0,038	0,313	0,002	0,013	0,045	FALSE
-0,029	0,298	-0,001	0,007	0,033	FALSE
-0,017	0,295	-0,001	0,010	0,028	FALSE
-0,031	0,306	-0,001	0,010	0,042	FALSE
-0,003	0,320	-0,001	0,013	0,019	FALSE
0,019	0,303	0,000	0,011	0,001	FALSE
0,143	0,311	0,004	0,009	0,198	FALSE
0,025	0,304	0,001	0,013	0,039	FALSE
-0,008	0,311	-0,001	0,012	0,027	FALSE
0,026	0,312	0,000	0,008	0,002	FALSE
-0,067	0,310	-0,001	0,009	0,049	FALSE
0,043	0,306	0,002	0,012	0,045	FALSE
-0,062	0,295	-0,002	0,010	0,058	FALSE
-0,057	0,309	-0,002	0,012	0,061	FALSE
-0,046	0,315	-0,001	0,008	0,047	FALSE
-0,040	0,300	-0,001	0,007	0,059	FALSE
0,026	0,304	0,001	0,011	0,025	FALSE
0,018	0,289	0,001	0,012	0,019	FALSE
0,028	0,289	0,001	0,012	0,037	FALSE

0,038	0,293	0,002	0,012	0,057	FALSE
-0,005	0,310	0,000	0,011	0,016	FALSE
0,019	0,325	0,000	0,012	0,009	FALSE
-0,038	0,316	-0,002	0,012	0,060	FALSE
-0,087	0,309	-0,005	0,013	0,143	FALSE
-0,051	0,291	-0,003	0,013	0,092	FALSE
-0,065	0,294	-0,004	0,013	0,111	FALSE
-0,085	0,301	-0,004	0,013	0,130	FALSE
-0,065	0,314	-0,002	0,007	0,084	FALSE
-0,093	0,298	-0,005	0,013	0,139	FALSE
-0,078	0,307	-0,004	0,013	0,122	FALSE
-0,082	0,291	-0,004	0,013	0,138	FALSE
-0,105	0,306	-0,004	0,009	0,181	FALSE
-0,097	0,306	-0,003	0,009	0,145	FALSE
0,012	0,302	0,000	0,012	0,003	FALSE
-0,005	0,300	0,000	0,010	0,005	FALSE
-0,106	0,303	-0,004	0,009	0,177	FALSE
-0,176	0,295	-0,005	0,008	0,267	FALSE
0,040	0,300	0,001	0,012	0,043	FALSE
0,071	0,307	0,003	0,012	0,089	FALSE
-0,160	0,291	-0,007	0,011	0,280	FALSE
0,068	0,306	0,003	0,013	0,080	FALSE
0,097	0,290	0,004	0,012	0,131	FALSE
0,072	0,313	0,003	0,013	0,084	FALSE
0,025	0,302	0,001	0,009	0,038	FALSE
0,038	0,307	0,001	0,010	0,054	FALSE
-0,011	0,311	-0,001	0,011	0,032	FALSE
0,020	0,312	0,000	0,011	0,009	FALSE
-0,062	0,308	-0,003	0,011	0,085	FALSE
0,097	0,322	0,002	0,007	0,116	FALSE
0,052	0,313	0,001	0,007	0,068	FALSE
0,019	0,316	0,001	0,013	0,019	FALSE
0,032	0,305	0,001	0,007	0,028	FALSE
0,069	0,302	0,002	0,010	0,060	FALSE
0,149	0,301	0,006	0,011	0,215	FALSE
0,120	0,303	0,005	0,011	0,175	FALSE
-0,135	0,304	-0,004	0,009	0,165	FALSE
-0,116	0,300	-0,003	0,009	0,165	FALSE
-0,111	0,297	-0,003	0,009	0,119	FALSE
-0,006	0,308	0,000	0,010	0,003	FALSE
-0,054	0,311	-0,001	0,011	0,024	FALSE
-0,094	0,310	-0,003	0,008	0,132	FALSE
-0,073	0,303	-0,001	0,010	0,048	FALSE
-0,055	0,304	-0,001	0,011	0,024	FALSE
-0,018	0,307	0,000	0,007	0,020	FALSE
-0,109	0,310	-0,003	0,008	0,122	FALSE
0,079	0,305	0,001	0,007	0,077	FALSE
-0,081	0,309	-0,002	0,008	0,082	FALSE
-0,026	0,295	-0,001	0,008	0,053	FALSE
0,048	0,313	0,002	0,010	0,057	FALSE
-0,102	0,305	-0,002	0,007	0,149	FALSE
0,059	0,312	0,002	0,011	0,074	FALSE
0,103	0,297	0,004	0,010	0,153	FALSE

0,101	0,310	0,004	0,010	0,144	FALSE
-0,096	0,310	-0,003	0,013	0,098	FALSE
-0,094	0,306	-0,002	0,007	0,106	FALSE
0,082	0,311	0,003	0,012	0,094	FALSE
0,104	0,299	0,004	0,012	0,131	FALSE
0,035	0,321	0,001	0,007	0,025	FALSE
0,108	0,293	0,004	0,011	0,168	FALSE
-0,015	0,318	0,000	0,008	0,001	FALSE
-0,060	0,311	-0,002	0,007	0,083	FALSE
-0,048	0,320	-0,001	0,008	0,039	FALSE
-0,062	0,302	-0,001	0,007	0,056	FALSE
0,077	0,327	0,002	0,011	0,083	FALSE
-0,017	0,303	0,000	0,006	0,011	FALSE
-0,095	0,316	-0,002	0,009	0,084	FALSE
0,012	0,316	0,000	0,010	0,002	FALSE
0,121	0,306	0,004	0,010	0,176	FALSE
-0,069	0,312	-0,002	0,010	0,066	FALSE
0,136	0,309	0,004	0,008	0,210	FALSE
0,121	0,289	0,004	0,008	0,201	FALSE
0,160	0,298	0,008	0,012	0,279	FALSE
0,101	0,296	0,003	0,009	0,148	FALSE
-0,023	0,302	-0,001	0,008	0,027	FALSE
0,146	0,303	0,003	0,006	0,176	FALSE
0,010	0,306	0,000	0,011	0,014	FALSE
-0,108	0,302	-0,004	0,012	0,118	FALSE
0,019	0,301	0,000	0,009	0,005	FALSE
0,010	0,313	0,000	0,008	0,015	FALSE
0,012	0,308	-0,001	0,013	0,018	FALSE
-0,124	0,313	-0,003	0,008	0,167	FALSE
-0,010	0,311	0,000	0,010	0,005	FALSE
-0,046	0,288	-0,002	0,009	0,073	FALSE
-0,069	0,293	-0,003	0,011	0,094	FALSE
-0,092	0,303	-0,004	0,013	0,119	FALSE
-0,012	0,310	0,000	0,006	0,019	FALSE
0,056	0,302	0,002	0,011	0,075	FALSE
-0,012	0,302	0,000	0,008	0,014	FALSE
0,155	0,309	0,005	0,010	0,235	FALSE
-0,136	0,306	-0,006	0,012	0,205	FALSE
0,122	0,326	0,005	0,012	0,177	FALSE
-0,045	0,306	-0,001	0,009	0,035	FALSE
-0,049	0,304	-0,001	0,007	0,033	FALSE
0,056	0,301	0,000	0,008	0,019	FALSE
-0,074	0,332	-0,003	0,012	0,112	FALSE
-0,025	0,302	-0,003	0,012	0,079	FALSE
0,122	0,303	0,004	0,009	0,161	FALSE
-0,042	0,307	-0,001	0,013	0,016	FALSE
0,014	0,317	0,000	0,008	0,008	FALSE
0,007	0,303	0,001	0,009	0,052	FALSE
-0,105	0,315	-0,003	0,010	0,119	FALSE
-0,082	0,302	-0,002	0,010	0,087	FALSE
0,006	0,306	0,000	0,010	0,004	FALSE
0,023	0,312	0,000	0,008	0,022	FALSE
0,010	0,291	0,002	0,011	0,069	FALSE

-0,090	0,319	-0,003	0,009	0,130	FALSE
0,048	0,304	0,001	0,012	0,027	FALSE
0,066	0,310	0,004	0,012	0,118	FALSE
-0,017	0,306	0,000	0,010	0,011	FALSE
-0,096	0,297	-0,002	0,007	0,117	FALSE
0,097	0,310	0,003	0,008	0,139	FALSE
0,044	0,313	0,002	0,009	0,068	FALSE
0,023	0,299	0,001	0,007	0,032	FALSE
-0,026	0,313	-0,001	0,009	0,030	FALSE
-0,035	0,315	-0,001	0,009	0,042	FALSE
0,089	0,310	0,004	0,012	0,137	FALSE
0,044	0,313	0,001	0,013	0,041	FALSE
0,003	0,317	0,000	0,010	0,002	FALSE
0,007	0,297	0,000	0,007	0,013	FALSE
-0,003	0,312	0,000	0,009	0,015	FALSE
-0,007	0,308	-0,001	0,012	0,020	FALSE
0,054	0,300	0,003	0,012	0,087	FALSE
0,062	0,300	0,002	0,011	0,060	FALSE
0,106	0,303	0,002	0,006	0,123	FALSE
-0,010	0,306	0,000	0,007	0,004	FALSE
-0,146	0,309	-0,004	0,008	0,208	FALSE
0,080	0,304	0,001	0,007	0,069	FALSE
0,132	0,309	0,006	0,012	0,199	FALSE
-0,118	0,326	-0,003	0,008	0,154	FALSE
0,070	0,306	0,001	0,007	0,076	FALSE
-0,009	0,309	0,000	0,006	0,000	FALSE
-0,097	0,301	-0,002	0,007	0,091	FALSE
-0,020	0,315	0,000	0,009	0,019	FALSE
0,048	0,310	0,001	0,012	0,038	FALSE
0,034	0,309	0,000	0,012	0,014	FALSE
0,070	0,298	0,002	0,006	0,121	FALSE
0,022	0,305	0,001	0,010	0,027	FALSE
0,125	0,308	0,004	0,013	0,126	FALSE
-0,209	0,286	-0,008	0,012	0,316	FALSE
-0,123	0,299	-0,004	0,009	0,173	FALSE
0,133	0,299	0,004	0,009	0,188	FALSE
-0,054	0,318	-0,001	0,008	0,062	FALSE
0,136	0,308	0,005	0,012	0,166	FALSE
-0,041	0,312	-0,001	0,009	0,047	FALSE
0,001	0,317	-0,001	0,013	0,016	FALSE
-0,002	0,306	0,000	0,008	0,016	FALSE
-0,046	0,308	-0,001	0,008	0,059	FALSE
-0,110	0,301	-0,003	0,009	0,122	FALSE
-0,044	0,305	-0,001	0,013	0,033	FALSE
-0,073	0,322	-0,002	0,010	0,092	FALSE
-0,053	0,311	-0,003	0,012	0,102	FALSE
0,128	0,306	0,005	0,009	0,231	FALSE
-0,082	0,311	-0,003	0,011	0,093	FALSE
0,011	0,311	0,002	0,013	0,053	FALSE
-0,147	0,302	-0,004	0,009	0,165	FALSE
0,099	0,305	0,003	0,009	0,147	FALSE
0,092	0,305	0,003	0,009	0,134	FALSE
0,044	0,311	0,001	0,009	0,050	FALSE

0,045	0,306	0,002	0,009	0,073	FALSE
0,082	0,306	0,003	0,012	0,096	FALSE
-0,108	0,298	-0,004	0,010	0,147	FALSE
-0,153	0,307	-0,004	0,009	0,174	FALSE
-0,119	0,296	-0,003	0,008	0,137	FALSE
0,117	0,298	0,004	0,011	0,147	FALSE
-0,044	0,301	-0,002	0,010	0,072	FALSE
0,005	0,303	0,000	0,008	0,000	FALSE
-0,110	0,317	-0,004	0,012	0,131	FALSE
0,088	0,311	0,003	0,013	0,107	FALSE
-0,066	0,302	-0,002	0,012	0,062	FALSE
-0,087	0,312	-0,003	0,013	0,089	FALSE
-0,028	0,314	0,000	0,011	0,003	FALSE
-0,024	0,315	0,000	0,011	0,009	FALSE
-0,028	0,301	-0,001	0,012	0,020	FALSE
-0,057	0,317	-0,002	0,007	0,087	FALSE
0,100	0,311	0,004	0,013	0,135	FALSE
0,065	0,307	0,002	0,010	0,085	FALSE
0,058	0,302	0,001	0,008	0,056	FALSE
0,074	0,309	0,002	0,007	0,114	FALSE
0,129	0,301	0,005	0,009	0,218	FALSE
0,040	0,310	0,002	0,013	0,056	FALSE
-0,015	0,315	0,000	0,008	0,011	FALSE
-0,069	0,302	-0,002	0,007	0,082	FALSE
0,083	0,308	0,003	0,010	0,103	FALSE
-0,019	0,311	-0,001	0,012	0,019	FALSE
0,047	0,309	0,002	0,013	0,059	FALSE
-0,115	0,308	-0,002	0,007	0,147	FALSE
-0,153	0,305	-0,005	0,011	0,186	FALSE
-0,016	0,310	-0,001	0,010	0,026	FALSE
0,059	0,302	0,002	0,011	0,063	FALSE
-0,045	0,313	-0,002	0,013	0,060	FALSE
-0,098	0,291	-0,003	0,011	0,119	FALSE
0,058	0,293	0,002	0,009	0,082	FALSE
0,014	0,300	0,001	0,010	0,026	FALSE
0,119	0,298	0,005	0,012	0,166	FALSE
0,114	0,302	0,003	0,007	0,157	FALSE
0,012	0,315	0,001	0,007	0,026	FALSE
0,134	0,301	0,002	0,006	0,127	FALSE
0,004	0,312	0,000	0,011	0,015	FALSE
0,057	0,306	0,001	0,008	0,058	FALSE
0,127	0,304	0,003	0,009	0,130	FALSE
0,014	0,316	0,001	0,012	0,027	FALSE
0,116	0,305	0,002	0,009	0,104	FALSE
0,130	0,300	0,003	0,009	0,136	FALSE
0,024	0,308	0,002	0,012	0,072	FALSE
-0,006	0,307	-0,001	0,010	0,024	FALSE
-0,010	0,295	0,000	0,006	0,027	FALSE
0,053	0,317	0,001	0,007	0,050	FALSE
-0,108	0,307	-0,004	0,012	0,140	FALSE
0,079	0,293	0,003	0,009	0,134	FALSE
0,056	0,303	0,003	0,012	0,080	FALSE
0,024	0,300	0,000	0,008	0,009	FALSE

0,014	0,313	0,000	0,008	0,020	FALSE
0,089	0,302	0,002	0,007	0,118	FALSE
0,038	0,305	0,001	0,011	0,029	FALSE
0,019	0,301	0,000	0,007	0,017	FALSE
0,045	0,298	0,000	0,007	0,020	FALSE
0,032	0,300	0,001	0,012	0,042	FALSE
-0,071	0,309	-0,002	0,008	0,101	FALSE
-0,068	0,304	-0,002	0,007	0,103	FALSE
-0,019	0,304	-0,001	0,012	0,027	FALSE
-0,008	0,297	0,000	0,011	0,012	FALSE
0,040	0,310	0,001	0,011	0,036	FALSE
0,004	0,315	0,000	0,011	0,001	FALSE
0,015	0,295	0,001	0,012	0,027	FALSE
-0,046	0,313	-0,002	0,012	0,055	FALSE
-0,052	0,306	-0,002	0,012	0,065	FALSE
-0,009	0,322	0,000	0,007	0,015	FALSE
0,112	0,302	0,004	0,010	0,162	FALSE
0,111	0,298	0,004	0,010	0,151	FALSE
0,113	0,297	0,004	0,010	0,158	FALSE
0,091	0,308	0,003	0,010	0,117	FALSE
0,116	0,303	0,004	0,009	0,159	FALSE
0,118	0,304	0,003	0,009	0,144	FALSE
0,101	0,306	0,003	0,010	0,134	FALSE
0,043	0,303	0,002	0,011	0,064	FALSE
0,079	0,309	0,002	0,006	0,114	FALSE
0,005	0,305	0,000	0,010	0,014	FALSE
0,002	0,293	0,000	0,010	0,002	FALSE
-0,032	0,313	-0,001	0,010	0,032	FALSE
0,014	0,307	0,001	0,010	0,026	FALSE
0,010	0,298	0,000	0,010	0,012	FALSE
-0,012	0,306	-0,001	0,012	0,018	FALSE
-0,053	0,308	-0,001	0,006	0,056	FALSE
-0,056	0,309	-0,001	0,006	0,068	FALSE
0,062	0,304	0,002	0,008	0,110	FALSE
0,029	0,305	0,001	0,013	0,022	FALSE
-0,004	0,302	-0,001	0,012	0,025	FALSE
0,023	0,298	0,002	0,013	0,054	FALSE
0,068	0,296	0,004	0,012	0,112	FALSE
-0,006	0,303	0,001	0,010	0,026	FALSE
-0,123	0,320	-0,003	0,007	0,155	FALSE
-0,006	0,309	0,000	0,007	0,006	FALSE
-0,028	0,319	-0,001	0,010	0,050	FALSE
0,126	0,302	0,003	0,006	0,201	FALSE
-0,030	0,311	-0,001	0,010	0,024	FALSE
-0,020	0,307	0,000	0,010	0,012	FALSE
0,029	0,297	0,001	0,013	0,020	FALSE
0,016	0,308	0,001	0,013	0,017	FALSE
0,034	0,302	0,001	0,007	0,031	FALSE
0,014	0,290	0,000	0,007	0,001	FALSE
-0,104	0,307	-0,002	0,007	0,131	FALSE
-0,044	0,316	-0,003	0,013	0,076	FALSE
0,054	0,301	0,002	0,009	0,069	FALSE
-0,078	0,297	-0,004	0,012	0,117	FALSE

-0,071	0,297	-0,003	0,012	0,100	FALSE
-0,083	0,315	-0,003	0,012	0,109	FALSE
-0,055	0,298	-0,002	0,011	0,076	FALSE
-0,093	0,301	-0,004	0,013	0,117	FALSE
-0,090	0,305	-0,003	0,013	0,105	FALSE
0,073	0,318	0,002	0,007	0,089	FALSE
0,122	0,312	0,003	0,007	0,162	FALSE
0,059	0,313	0,002	0,008	0,085	FALSE
0,020	0,317	0,001	0,013	0,025	FALSE
0,121	0,284	0,005	0,011	0,164	FALSE
0,114	0,303	0,004	0,013	0,135	FALSE
0,076	0,312	0,003	0,013	0,076	FALSE
0,035	0,300	0,001	0,007	0,047	FALSE
0,129	0,302	0,006	0,013	0,187	FALSE
-0,053	0,315	-0,001	0,011	0,032	FALSE
-0,079	0,305	-0,002	0,008	0,076	FALSE
-0,061	0,303	-0,001	0,008	0,037	FALSE
0,126	0,312	0,004	0,011	0,162	FALSE
0,002	0,324	-0,001	0,014	0,017	FALSE
-0,039	0,310	-0,001	0,012	0,044	FALSE
-0,029	0,293	0,000	0,008	0,012	FALSE
0,057	0,305	0,001	0,010	0,053	FALSE
-0,002	0,309	0,001	0,013	0,020	FALSE
-0,043	0,308	-0,002	0,011	0,073	FALSE
-0,040	0,307	-0,002	0,011	0,069	FALSE
0,017	0,319	0,001	0,012	0,031	FALSE
-0,007	0,325	0,000	0,007	0,026	FALSE
0,010	0,314	0,000	0,008	0,013	FALSE
0,051	0,309	0,002	0,013	0,068	FALSE
0,011	0,307	0,001	0,008	0,058	FALSE
0,008	0,303	0,001	0,008	0,051	FALSE
0,009	0,309	0,000	0,007	0,007	FALSE
0,001	0,306	0,001	0,011	0,029	FALSE
-0,066	0,299	-0,002	0,010	0,097	FALSE
0,102	0,307	0,002	0,007	0,098	FALSE
0,121	0,296	0,003	0,009	0,154	FALSE
-0,024	0,303	-0,001	0,012	0,035	FALSE
0,080	0,306	0,003	0,011	0,105	FALSE
0,051	0,304	0,002	0,012	0,078	FALSE
0,027	0,290	0,001	0,010	0,018	FALSE
-0,148	0,310	-0,005	0,010	0,189	FALSE
0,000	0,304	0,001	0,013	0,024	FALSE
0,036	0,311	0,001	0,013	0,037	FALSE
0,117	0,308	0,004	0,011	0,157	FALSE
-0,005	0,304	0,000	0,008	0,018	FALSE
-0,011	0,307	-0,001	0,012	0,029	FALSE
-0,017	0,305	-0,001	0,012	0,035	FALSE
0,051	0,308	0,002	0,011	0,051	FALSE
0,006	0,323	0,000	0,012	0,008	FALSE
-0,042	0,323	-0,001	0,013	0,035	FALSE
-0,044	0,313	-0,002	0,012	0,048	FALSE
-0,031	0,314	-0,001	0,012	0,030	FALSE
-0,028	0,324	-0,001	0,007	0,026	FALSE

-0,030	0,305	-0,001	0,011	0,028	FALSE
0,040	0,315	0,001	0,008	0,050	FALSE
0,035	0,311	0,001	0,011	0,040	FALSE
-0,048	0,302	-0,001	0,007	0,052	FALSE
-0,031	0,303	-0,001	0,007	0,037	FALSE
0,121	0,290	0,005	0,010	0,190	FALSE
-0,019	0,299	0,000	0,009	0,003	FALSE
0,028	0,319	0,002	0,012	0,054	FALSE
-0,141	0,296	-0,003	0,008	0,177	FALSE
0,011	0,318	0,000	0,012	0,013	FALSE
0,019	0,307	0,001	0,012	0,019	FALSE
0,020	0,304	0,001	0,013	0,027	FALSE
0,135	0,294	0,005	0,011	0,176	FALSE
0,014	0,302	0,000	0,013	0,008	FALSE
-0,042	0,311	-0,002	0,010	0,077	FALSE
-0,023	0,301	-0,001	0,008	0,035	FALSE
0,044	0,300	0,002	0,012	0,061	FALSE
0,042	0,298	0,002	0,007	0,088	FALSE
0,011	0,324	0,001	0,008	0,030	FALSE
0,005	0,310	0,001	0,008	0,026	FALSE
-0,024	0,325	0,000	0,008	0,020	FALSE
-0,023	0,303	0,000	0,008	0,008	FALSE
-0,085	0,307	-0,002	0,007	0,100	FALSE
0,089	0,301	0,004	0,012	0,125	FALSE
0,034	0,311	0,001	0,007	0,053	FALSE
-0,104	0,301	-0,002	0,006	0,126	FALSE
0,070	0,322	0,002	0,011	0,068	FALSE
-0,104	0,301	-0,002	0,007	0,110	FALSE
-0,054	0,300	-0,001	0,011	0,049	FALSE
-0,059	0,309	-0,001	0,010	0,050	FALSE
-0,002	0,295	0,000	0,011	0,013	FALSE
0,021	0,313	0,000	0,008	0,009	FALSE
-0,057	0,318	-0,004	0,011	0,129	FALSE
-0,093	0,302	-0,002	0,009	0,089	FALSE
-0,041	0,319	-0,001	0,007	0,031	FALSE
0,008	0,308	0,000	0,010	0,011	FALSE
-0,076	0,307	-0,004	0,013	0,131	FALSE
-0,042	0,299	-0,001	0,007	0,046	FALSE
0,116	0,307	0,004	0,010	0,160	FALSE
-0,035	0,318	-0,001	0,007	0,044	FALSE
0,109	0,302	0,002	0,007	0,131	FALSE
-0,078	0,303	-0,003	0,011	0,118	FALSE
0,045	0,296	0,001	0,007	0,041	FALSE
0,063	0,317	0,003	0,010	0,094	FALSE
0,166	0,303	0,006	0,012	0,225	FALSE
0,044	0,301	0,001	0,006	0,055	FALSE
-0,103	0,303	-0,005	0,012	0,175	FALSE
0,132	0,301	0,004	0,008	0,184	FALSE
-0,005	0,297	0,000	0,010	0,014	FALSE
0,002	0,307	0,000	0,007	0,006	FALSE
-0,061	0,317	-0,001	0,007	0,077	FALSE
0,026	0,312	0,001	0,012	0,027	FALSE
-0,052	0,316	-0,001	0,007	0,060	FALSE

0,007	0,301	0,000	0,007	0,015	FALSE
-0,028	0,317	-0,001	0,007	0,029	FALSE
0,017	0,310	0,001	0,010	0,038	FALSE
0,056	0,300	0,003	0,012	0,080	FALSE
0,054	0,311	0,001	0,006	0,049	FALSE
0,042	0,299	0,002	0,010	0,066	FALSE
-0,130	0,303	-0,004	0,010	0,180	FALSE
0,060	0,296	0,002	0,007	0,087	FALSE
0,053	0,314	0,002	0,007	0,083	FALSE
-0,012	0,311	0,000	0,013	0,010	FALSE
0,083	0,318	0,003	0,008	0,130	FALSE
0,088	0,300	0,002	0,008	0,111	FALSE
0,055	0,300	0,002	0,010	0,064	FALSE
-0,155	0,301	-0,004	0,009	0,205	FALSE
0,083	0,304	0,003	0,007	0,154	FALSE
0,013	0,303	0,001	0,010	0,025	FALSE
0,103	0,314	0,003	0,007	0,168	FALSE
0,111	0,294	0,004	0,010	0,171	FALSE
-0,002	0,311	0,000	0,006	0,008	FALSE
-0,101	0,314	-0,003	0,008	0,140	FALSE
0,026	0,310	0,001	0,012	0,044	FALSE
0,032	0,297	0,001	0,011	0,044	FALSE
-0,051	0,309	-0,002	0,012	0,074	FALSE
-0,035	0,313	-0,002	0,013	0,060	FALSE
-0,041	0,304	-0,002	0,012	0,056	FALSE
-0,046	0,314	-0,002	0,013	0,052	FALSE
-0,049	0,313	-0,002	0,012	0,067	FALSE
-0,091	0,303	-0,004	0,012	0,153	FALSE
0,037	0,312	0,001	0,007	0,052	FALSE
-0,024	0,310	0,000	0,008	0,003	FALSE
0,110	0,306	0,002	0,008	0,116	FALSE
-0,062	0,297	-0,002	0,008	0,086	FALSE
-0,064	0,294	-0,001	0,008	0,073	FALSE
-0,015	0,314	0,000	0,010	0,004	FALSE
0,013	0,314	0,001	0,008	0,052	FALSE
-0,026	0,314	0,000	0,009	0,019	FALSE
0,044	0,308	0,001	0,006	0,035	FALSE
0,064	0,314	0,002	0,010	0,080	FALSE
0,046	0,310	0,002	0,010	0,058	FALSE
0,055	0,304	0,002	0,010	0,084	FALSE
0,014	0,308	0,000	0,008	0,007	FALSE
-0,032	0,308	-0,002	0,012	0,050	FALSE
0,032	0,304	0,001	0,007	0,043	FALSE
-0,028	0,299	0,000	0,012	0,000	FALSE
-0,040	0,312	-0,002	0,009	0,071	FALSE
0,004	0,300	0,000	0,007	0,024	FALSE
0,006	0,304	0,000	0,012	0,004	FALSE
0,045	0,316	0,002	0,010	0,055	FALSE
-0,098	0,311	-0,002	0,007	0,136	FALSE
-0,104	0,313	-0,002	0,007	0,103	FALSE
-0,107	0,305	-0,002	0,007	0,109	FALSE
0,010	0,284	0,000	0,007	0,025	FALSE
0,117	0,313	0,003	0,009	0,147	FALSE

-0,035	0,307	-0,001	0,011	0,040	FALSE
0,061	0,298	0,002	0,011	0,084	FALSE
-0,092	0,309	-0,002	0,009	0,112	FALSE
-0,054	0,309	-0,002	0,008	0,081	FALSE
0,023	0,290	0,001	0,008	0,050	FALSE
0,026	0,307	0,001	0,006	0,047	FALSE
0,020	0,304	0,001	0,007	0,038	FALSE
0,039	0,301	0,002	0,012	0,060	FALSE
0,032	0,311	0,001	0,009	0,036	FALSE
0,009	0,306	-0,001	0,011	0,017	FALSE
0,055	0,308	0,002	0,010	0,077	FALSE
0,018	0,307	0,000	0,008	0,010	FALSE
0,041	0,322	0,001	0,009	0,059	FALSE
0,081	0,302	0,002	0,009	0,076	FALSE
0,089	0,305	0,003	0,007	0,163	FALSE
0,089	0,313	0,003	0,008	0,133	FALSE
-0,110	0,304	-0,002	0,007	0,109	FALSE
0,041	0,321	0,002	0,013	0,049	FALSE
0,087	0,303	0,002	0,008	0,100	FALSE
0,088	0,296	0,002	0,008	0,104	FALSE
0,061	0,290	0,002	0,010	0,060	FALSE
-0,053	0,321	-0,001	0,007	0,074	FALSE
0,078	0,297	0,002	0,010	0,072	FALSE
-0,073	0,313	-0,003	0,011	0,121	FALSE
0,075	0,296	0,001	0,006	0,084	FALSE
0,140	0,311	0,004	0,009	0,164	FALSE
0,015	0,303	0,001	0,007	0,036	FALSE
-0,009	0,308	-0,001	0,008	0,033	FALSE
0,110	0,315	0,003	0,009	0,144	FALSE
0,025	0,304	0,000	0,007	0,010	FALSE
0,004	0,314	0,000	0,008	0,009	FALSE
-0,031	0,306	-0,001	0,007	0,048	FALSE
-0,030	0,294	-0,001	0,008	0,048	FALSE
0,031	0,301	0,001	0,011	0,036	FALSE
-0,238	0,295	-0,006	0,009	0,339	FALSE
-0,056	0,312	-0,001	0,007	0,071	FALSE
-0,102	0,305	-0,001	0,006	0,087	FALSE
-0,094	0,307	-0,002	0,009	0,091	FALSE
0,092	0,301	0,002	0,007	0,133	FALSE
-0,130	0,303	-0,003	0,007	0,199	FALSE
-0,064	0,307	-0,002	0,007	0,080	FALSE
-0,041	0,309	-0,002	0,010	0,065	FALSE
-0,137	0,316	-0,003	0,007	0,156	FALSE
0,049	0,306	0,002	0,009	0,073	FALSE
0,084	0,296	0,002	0,007	0,091	FALSE
0,080	0,299	0,004	0,011	0,133	FALSE
0,071	0,289	0,003	0,010	0,139	FALSE
0,020	0,301	0,001	0,009	0,053	FALSE
-0,060	0,301	-0,003	0,013	0,075	FALSE
-0,017	0,305	0,000	0,010	0,005	FALSE
-0,051	0,320	-0,001	0,008	0,039	FALSE
-0,057	0,303	-0,001	0,007	0,051	FALSE
-0,058	0,317	-0,002	0,012	0,074	FALSE

-0,087	0,310	-0,003	0,010	0,110	FALSE
-0,021	0,296	0,000	0,012	0,007	FALSE
-0,062	0,304	-0,002	0,007	0,093	FALSE
-0,006	0,309	0,000	0,009	0,009	FALSE
0,011	0,316	0,001	0,013	0,031	FALSE
-0,001	0,319	0,000	0,007	0,015	FALSE
0,046	0,313	0,001	0,008	0,044	FALSE
0,026	0,301	0,001	0,008	0,039	FALSE
0,097	0,305	0,002	0,008	0,121	FALSE
0,088	0,307	0,001	0,006	0,093	FALSE
0,009	0,303	0,000	0,008	0,015	FALSE
0,016	0,296	0,001	0,011	0,034	FALSE
0,018	0,306	0,001	0,007	0,028	FALSE
-0,012	0,308	0,000	0,012	0,002	FALSE
-0,003	0,297	0,000	0,011	0,007	FALSE
0,057	0,316	0,002	0,007	0,101	FALSE
0,010	0,305	0,000	0,012	0,008	FALSE
-0,118	0,316	-0,006	0,014	0,178	FALSE
0,188	0,313	0,004	0,007	0,247	FALSE
-0,041	0,316	-0,002	0,008	0,093	FALSE
-0,020	0,322	-0,001	0,008	0,066	FALSE
0,035	0,296	0,001	0,010	0,021	FALSE
0,005	0,315	0,000	0,012	0,002	FALSE
0,074	0,297	0,001	0,006	0,073	FALSE
-0,053	0,305	-0,002	0,011	0,080	FALSE
-0,006	0,295	-0,001	0,009	0,046	FALSE
-0,067	0,314	-0,002	0,010	0,073	FALSE
-0,044	0,311	-0,002	0,010	0,066	FALSE
-0,019	0,298	-0,001	0,009	0,027	FALSE
0,021	0,310	0,001	0,007	0,033	FALSE
0,067	0,299	0,001	0,007	0,055	FALSE
0,012	0,307	0,001	0,013	0,024	FALSE
0,033	0,290	0,002	0,011	0,085	FALSE
0,073	0,300	0,002	0,012	0,055	FALSE
-0,001	0,318	0,000	0,006	0,005	FALSE
-0,011	0,306	0,000	0,007	0,026	FALSE
-0,080	0,302	-0,003	0,013	0,104	FALSE
-0,071	0,311	-0,003	0,012	0,087	FALSE
-0,038	0,308	-0,001	0,007	0,036	FALSE
0,062	0,306	0,002	0,007	0,086	FALSE
-0,057	0,318	-0,001	0,011	0,043	FALSE
-0,049	0,311	-0,002	0,013	0,057	FALSE
-0,015	0,304	0,000	0,008	0,004	FALSE
-0,051	0,315	-0,002	0,010	0,082	FALSE
-0,029	0,309	0,000	0,011	0,010	FALSE
-0,038	0,313	-0,001	0,008	0,026	FALSE
0,041	0,312	0,002	0,011	0,056	FALSE
0,024	0,322	0,001	0,008	0,027	FALSE
-0,097	0,308	-0,004	0,011	0,143	FALSE
0,036	0,319	0,001	0,011	0,035	FALSE
0,013	0,320	0,000	0,011	0,014	FALSE
0,096	0,302	0,004	0,012	0,134	FALSE
0,024	0,312	0,001	0,011	0,025	FALSE

-0,128	0,302	-0,004	0,008	0,197	FALSE
-0,009	0,312	-0,001	0,012	0,032	FALSE
0,081	0,301	0,002	0,008	0,123	FALSE
-0,032	0,310	-0,001	0,007	0,051	FALSE
0,016	0,318	0,000	0,012	0,008	FALSE
-0,070	0,303	-0,002	0,011	0,079	FALSE
-0,041	0,295	-0,002	0,012	0,058	FALSE
-0,059	0,302	-0,003	0,012	0,109	FALSE
-0,024	0,322	-0,001	0,011	0,035	FALSE
-0,038	0,303	-0,001	0,010	0,040	FALSE
-0,029	0,297	0,000	0,011	0,011	FALSE
0,145	0,319	0,003	0,006	0,200	FALSE
0,051	0,303	0,001	0,008	0,049	FALSE
-0,046	0,299	-0,002	0,007	0,079	FALSE
0,098	0,307	0,003	0,009	0,132	FALSE
-0,146	0,302	-0,004	0,009	0,203	FALSE
-0,106	0,308	-0,003	0,010	0,131	FALSE
0,106	0,313	0,004	0,012	0,129	FALSE
-0,032	0,323	-0,001	0,007	0,039	FALSE
-0,029	0,304	-0,001	0,007	0,028	FALSE
-0,088	0,307	-0,003	0,008	0,122	FALSE
-0,025	0,302	-0,001	0,013	0,035	FALSE
-0,175	0,302	-0,004	0,007	0,218	FALSE
-0,105	0,299	-0,002	0,007	0,094	FALSE
-0,077	0,315	-0,002	0,008	0,108	FALSE
0,025	0,306	0,000	0,008	0,022	FALSE
0,109	0,313	0,003	0,010	0,142	FALSE
0,003	0,314	0,000	0,013	0,009	FALSE
-0,026	0,328	-0,001	0,013	0,038	FALSE
0,158	0,292	0,005	0,011	0,175	FALSE
-0,081	0,300	-0,003	0,009	0,113	FALSE
-0,060	0,304	-0,001	0,006	0,076	FALSE
0,055	0,317	0,001	0,010	0,051	FALSE
-0,027	0,295	0,000	0,008	0,016	FALSE
-0,030	0,305	-0,001	0,008	0,049	FALSE
-0,004	0,324	0,000	0,008	0,003	FALSE
-0,026	0,309	0,000	0,008	0,014	FALSE
0,101	0,306	0,005	0,011	0,168	FALSE
0,114	0,310	0,004	0,011	0,162	FALSE
-0,045	0,309	-0,001	0,006	0,037	FALSE
-0,015	0,303	-0,001	0,011	0,050	FALSE
-0,073	0,297	-0,002	0,008	0,096	FALSE
-0,056	0,308	-0,002	0,009	0,097	FALSE
0,047	0,329	0,001	0,008	0,059	FALSE
-0,048	0,299	-0,001	0,007	0,052	FALSE
0,017	0,311	0,000	0,012	0,011	FALSE
-0,008	0,303	0,001	0,012	0,019	FALSE
0,012	0,300	0,000	0,011	0,008	FALSE
0,015	0,315	0,000	0,012	0,009	FALSE
-0,026	0,311	0,000	0,012	0,002	FALSE
-0,031	0,307	0,000	0,011	0,008	FALSE
-0,023	0,292	0,000	0,011	0,011	FALSE
-0,059	0,295	-0,003	0,013	0,103	FALSE

0,041	0,319	0,001	0,007	0,063	FALSE
-0,055	0,296	-0,002	0,012	0,065	FALSE
0,026	0,320	0,001	0,008	0,038	FALSE
0,006	0,313	0,000	0,011	0,009	FALSE
-0,015	0,309	-0,001	0,011	0,016	FALSE
0,049	0,320	0,002	0,013	0,043	FALSE
0,023	0,314	0,001	0,008	0,036	FALSE
-0,024	0,294	-0,001	0,008	0,039	FALSE
0,153	0,304	0,004	0,008	0,220	FALSE
-0,095	0,309	-0,004	0,013	0,115	FALSE
0,187	0,302	0,006	0,009	0,304	FALSE
-0,080	0,324	-0,003	0,012	0,081	FALSE
0,010	0,323	0,000	0,008	0,004	FALSE
-0,008	0,326	0,000	0,008	0,016	FALSE
-0,092	0,318	-0,004	0,013	0,109	FALSE
-0,081	0,314	-0,003	0,013	0,089	FALSE
-0,022	0,319	0,000	0,008	0,021	FALSE
0,006	0,312	0,000	0,013	0,010	FALSE
0,065	0,295	0,003	0,012	0,095	FALSE
-0,072	0,312	-0,002	0,011	0,056	FALSE
0,027	0,309	0,000	0,008	0,005	FALSE
-0,190	0,316	-0,004	0,007	0,241	FALSE
-0,165	0,313	-0,003	0,007	0,226	FALSE
-0,184	0,304	-0,004	0,007	0,241	FALSE
0,185	0,302	0,008	0,012	0,282	FALSE
-0,050	0,316	-0,001	0,011	0,043	FALSE
0,056	0,317	0,002	0,008	0,082	FALSE
-0,095	0,323	-0,003	0,010	0,108	FALSE
-0,047	0,315	-0,001	0,009	0,059	FALSE
0,120	0,301	0,005	0,011	0,179	FALSE
0,073	0,301	0,002	0,010	0,090	FALSE
0,006	0,308	0,000	0,008	0,007	FALSE
0,101	0,287	0,005	0,012	0,159	FALSE
0,070	0,297	0,003	0,013	0,090	FALSE
-0,122	0,299	-0,005	0,013	0,173	FALSE
-0,057	0,302	-0,002	0,013	0,056	FALSE
-0,055	0,307	-0,002	0,011	0,071	FALSE
0,099	0,307	0,002	0,007	0,102	FALSE
0,168	0,306	0,006	0,010	0,245	FALSE
0,034	0,312	0,001	0,008	0,034	FALSE
0,021	0,310	0,000	0,013	0,011	FALSE
-0,002	0,316	0,000	0,012	0,009	FALSE
-0,052	0,301	-0,001	0,008	0,060	FALSE
0,022	0,310	0,001	0,010	0,031	FALSE
0,026	0,301	0,001	0,007	0,047	FALSE
-0,044	0,308	-0,002	0,012	0,057	FALSE
-0,027	0,318	-0,001	0,007	0,032	FALSE
-0,031	0,315	-0,001	0,007	0,038	FALSE
-0,018	0,317	0,000	0,007	0,009	FALSE
-0,045	0,304	-0,001	0,006	0,047	FALSE
-0,017	0,309	0,000	0,008	0,015	FALSE
-0,078	0,310	-0,002	0,008	0,074	FALSE
-0,049	0,317	-0,001	0,009	0,051	FALSE

-0,004	0,304	0,001	0,011	0,026	FALSE
-0,047	0,307	-0,001	0,007	0,040	FALSE
0,004	0,314	0,000	0,006	0,000	FALSE
0,057	0,306	0,001	0,006	0,076	FALSE
-0,022	0,304	0,000	0,012	0,002	FALSE
0,040	0,309	0,001	0,010	0,031	FALSE
0,074	0,297	0,002	0,008	0,105	FALSE
0,006	0,312	0,000	0,012	0,007	FALSE
-0,095	0,314	-0,004	0,013	0,127	FALSE
0,086	0,298	0,004	0,011	0,124	FALSE
0,018	0,295	0,000	0,007	0,011	FALSE
-0,091	0,295	-0,004	0,011	0,136	FALSE
0,129	0,296	0,006	0,011	0,214	FALSE
-0,019	0,311	0,000	0,010	0,005	FALSE
-0,164	0,297	-0,005	0,009	0,227	FALSE
-0,097	0,304	-0,002	0,007	0,118	FALSE
-0,109	0,322	-0,002	0,007	0,122	FALSE
0,088	0,312	0,004	0,012	0,135	FALSE
-0,054	0,315	-0,001	0,007	0,049	FALSE
-0,013	0,306	0,000	0,012	0,012	FALSE
0,116	0,311	0,003	0,008	0,145	FALSE
0,081	0,314	0,003	0,013	0,087	FALSE
-0,039	0,293	-0,001	0,008	0,041	FALSE
-0,051	0,310	-0,002	0,013	0,054	FALSE
-0,012	0,289	0,000	0,008	0,010	FALSE
0,155	0,303	0,004	0,007	0,201	FALSE
-0,040	0,317	-0,002	0,011	0,078	FALSE
-0,126	0,299	-0,003	0,007	0,153	FALSE
-0,089	0,309	-0,002	0,007	0,121	FALSE
-0,045	0,300	-0,002	0,012	0,063	FALSE
-0,158	0,300	-0,007	0,012	0,245	FALSE
-0,090	0,303	-0,002	0,007	0,122	FALSE
-0,092	0,310	-0,004	0,011	0,143	FALSE
-0,089	0,304	-0,003	0,011	0,108	FALSE
-0,042	0,302	-0,001	0,007	0,059	FALSE
-0,039	0,308	-0,001	0,010	0,043	FALSE
0,048	0,322	0,002	0,011	0,074	FALSE
-0,134	0,301	-0,006	0,012	0,197	FALSE
0,074	0,307	0,004	0,012	0,112	FALSE
0,008	0,314	0,000	0,007	0,022	FALSE
-0,017	0,300	0,000	0,008	0,012	FALSE
0,112	0,298	0,004	0,013	0,130	FALSE
-0,026	0,311	-0,001	0,010	0,030	FALSE
-0,066	0,302	-0,002	0,009	0,087	FALSE
0,115	0,299	0,003	0,009	0,150	FALSE
-0,022	0,316	0,000	0,006	0,012	FALSE
-0,071	0,309	-0,002	0,006	0,115	FALSE
-0,063	0,283	-0,002	0,011	0,067	FALSE
0,006	0,305	-0,001	0,012	0,038	FALSE
-0,122	0,314	-0,003	0,008	0,159	FALSE
0,047	0,320	0,001	0,009	0,054	FALSE
-0,125	0,308	-0,004	0,009	0,177	FALSE
-0,086	0,315	-0,002	0,007	0,107	FALSE

-0,107	0,301	-0,002	0,007	0,136	FALSE
0,014	0,315	0,001	0,008	0,028	FALSE
0,076	0,300	0,002	0,008	0,106	FALSE
-0,005	0,306	0,000	0,010	0,009	FALSE
-0,011	0,306	-0,001	0,009	0,042	FALSE
0,105	0,302	0,004	0,010	0,165	FALSE
0,085	0,291	0,004	0,010	0,141	FALSE
0,141	0,290	0,005	0,012	0,154	FALSE
0,054	0,310	0,001	0,007	0,055	FALSE
-0,167	0,303	-0,007	0,012	0,236	FALSE
0,019	0,306	0,000	0,010	0,018	FALSE
0,070	0,297	0,002	0,010	0,065	FALSE
0,042	0,313	0,002	0,010	0,058	FALSE
-0,024	0,313	-0,001	0,006	0,043	FALSE
-0,092	0,299	-0,002	0,006	0,106	FALSE
-0,037	0,296	-0,002	0,012	0,058	FALSE
0,051	0,313	0,001	0,007	0,067	FALSE
0,124	0,304	0,003	0,008	0,160	FALSE
0,034	0,310	0,001	0,009	0,033	FALSE
0,123	0,313	0,003	0,008	0,162	FALSE
-0,041	0,301	-0,001	0,011	0,021	FALSE
-0,153	0,289	-0,005	0,012	0,176	FALSE
-0,003	0,307	0,000	0,007	0,005	FALSE
-0,132	0,312	-0,003	0,007	0,179	FALSE
0,050	0,311	0,001	0,007	0,037	FALSE
-0,086	0,307	-0,003	0,012	0,106	FALSE
0,010	0,317	0,001	0,009	0,024	FALSE
0,034	0,293	0,001	0,013	0,029	FALSE
0,030	0,308	0,002	0,011	0,077	FALSE
0,042	0,301	0,003	0,010	0,093	FALSE
0,040	0,291	0,002	0,010	0,086	FALSE
0,091	0,306	0,003	0,012	0,100	FALSE
-0,076	0,294	-0,002	0,006	0,093	FALSE
0,027	0,316	0,000	0,012	0,005	FALSE
0,079	0,309	0,003	0,012	0,085	FALSE
0,045	0,312	0,001	0,007	0,067	FALSE
-0,168	0,298	-0,005	0,010	0,232	FALSE
-0,053	0,302	-0,001	0,007	0,058	FALSE
-0,041	0,314	-0,001	0,008	0,036	FALSE
-0,129	0,302	-0,003	0,007	0,209	FALSE
-0,184	0,308	-0,005	0,007	0,276	FALSE
0,008	0,302	0,000	0,007	0,024	FALSE
-0,091	0,305	-0,003	0,009	0,117	FALSE
-0,112	0,302	-0,004	0,012	0,147	FALSE
0,020	0,319	0,000	0,007	0,007	FALSE
-0,112	0,296	-0,004	0,010	0,163	FALSE
0,070	0,315	0,002	0,012	0,075	FALSE
0,104	0,305	0,004	0,009	0,180	FALSE
0,107	0,309	0,003	0,007	0,168	FALSE
-0,161	0,319	-0,006	0,010	0,238	FALSE
-0,139	0,317	-0,005	0,010	0,213	FALSE
-0,049	0,314	-0,001	0,008	0,068	FALSE
0,017	0,298	0,001	0,010	0,034	FALSE

-0,015	0,305	0,000	0,010	0,013	FALSE
-0,009	0,302	0,000	0,007	0,014	FALSE
0,003	0,308	-0,001	0,011	0,033	FALSE
0,039	0,305	0,002	0,009	0,064	FALSE
-0,036	0,300	-0,002	0,011	0,083	FALSE
-0,003	0,316	0,000	0,008	0,015	FALSE
0,163	0,291	0,005	0,008	0,271	FALSE
-0,050	0,314	-0,003	0,013	0,093	FALSE
-0,019	0,321	0,000	0,013	0,008	FALSE
0,152	0,307	0,005	0,008	0,240	FALSE
-0,083	0,300	-0,002	0,007	0,106	FALSE
0,170	0,294	0,004	0,007	0,261	FALSE
0,003	0,300	-0,001	0,007	0,026	FALSE
-0,040	0,308	-0,001	0,009	0,051	FALSE
0,000	0,321	0,000	0,007	0,007	FALSE
-0,147	0,297	-0,005	0,012	0,166	FALSE
0,080	0,303	0,002	0,007	0,083	FALSE
0,067	0,301	0,001	0,007	0,058	FALSE
-0,056	0,312	-0,002	0,010	0,070	FALSE
0,018	0,305	0,000	0,010	0,013	FALSE
0,123	0,304	0,004	0,011	0,159	FALSE
0,071	0,302	0,002	0,007	0,128	FALSE
0,090	0,298	0,004	0,012	0,126	FALSE
0,094	0,325	0,004	0,012	0,125	FALSE
0,104	0,313	0,004	0,012	0,128	FALSE
0,136	0,304	0,006	0,012	0,191	FALSE
0,069	0,294	0,001	0,007	0,084	FALSE
0,022	0,303	0,002	0,011	0,060	FALSE
-0,204	0,295	-0,007	0,010	0,298	FALSE
-0,050	0,302	-0,001	0,008	0,044	FALSE
0,057	0,302	0,002	0,009	0,060	FALSE
0,021	0,309	0,000	0,010	0,017	FALSE
0,105	0,314	0,003	0,009	0,124	FALSE
-0,035	0,294	-0,001	0,009	0,024	FALSE
-0,019	0,306	-0,001	0,010	0,020	FALSE
-0,017	0,308	0,000	0,009	0,002	FALSE
-0,026	0,311	0,000	0,009	0,003	FALSE
-0,025	0,311	0,000	0,007	0,001	FALSE
-0,095	0,295	-0,002	0,006	0,128	FALSE
-0,013	0,312	0,000	0,011	0,011	FALSE
-0,025	0,313	-0,001	0,012	0,038	FALSE
0,128	0,320	0,004	0,008	0,180	FALSE
-0,022	0,318	-0,001	0,013	0,026	FALSE
0,053	0,291	0,001	0,009	0,034	FALSE
0,048	0,318	0,002	0,011	0,075	FALSE
0,074	0,310	0,003	0,012	0,108	FALSE
0,004	0,292	0,000	0,007	0,020	FALSE
-0,058	0,304	-0,002	0,009	0,087	FALSE
-0,119	0,302	-0,003	0,008	0,170	FALSE
-0,072	0,309	-0,003	0,011	0,095	FALSE
-0,059	0,317	-0,001	0,007	0,063	FALSE
-0,029	0,307	-0,001	0,010	0,042	FALSE
-0,053	0,312	-0,002	0,010	0,081	FALSE

-0,031	0,296	-0,001	0,010	0,051	FALSE
-0,037	0,299	-0,001	0,010	0,049	FALSE
-0,076	0,303	-0,003	0,011	0,095	FALSE
-0,010	0,313	-0,001	0,012	0,036	FALSE
0,077	0,306	0,002	0,006	0,133	FALSE
-0,082	0,315	-0,004	0,013	0,133	FALSE
0,044	0,302	0,002	0,012	0,051	FALSE
-0,018	0,320	0,000	0,009	0,013	FALSE
-0,055	0,316	-0,001	0,007	0,044	FALSE
-0,092	0,291	-0,001	0,006	0,075	FALSE
0,225	0,298	0,009	0,011	0,382	FALSE
0,114	0,300	0,005	0,013	0,177	FALSE
0,030	0,318	0,000	0,008	0,019	FALSE
0,042	0,312	0,003	0,013	0,076	FALSE
0,258	0,288	0,009	0,009	0,460	FALSE
-0,021	0,304	0,000	0,008	0,002	FALSE
0,003	0,286	0,000	0,009	0,014	FALSE
0,006	0,310	0,000	0,007	0,014	FALSE
-0,077	0,296	-0,003	0,012	0,106	FALSE
-0,028	0,300	0,000	0,007	0,002	FALSE
-0,057	0,298	-0,002	0,013	0,056	FALSE
-0,071	0,299	-0,002	0,007	0,101	FALSE
0,091	0,293	0,004	0,012	0,151	FALSE
-0,172	0,308	-0,006	0,010	0,263	FALSE
0,057	0,311	0,002	0,011	0,067	FALSE
-0,089	0,312	-0,002	0,008	0,125	FALSE
0,106	0,316	0,005	0,013	0,157	FALSE
0,000	0,322	0,000	0,013	0,003	FALSE
-0,087	0,299	-0,003	0,007	0,139	FALSE
-0,045	0,318	-0,001	0,008	0,039	FALSE
-0,039	0,322	-0,001	0,007	0,050	FALSE
0,054	0,309	0,001	0,008	0,064	FALSE
0,005	0,289	0,001	0,010	0,047	FALSE
-0,110	0,304	-0,003	0,008	0,148	FALSE
-0,092	0,313	-0,004	0,012	0,116	FALSE
0,042	0,313	0,001	0,012	0,041	FALSE
-0,012	0,307	0,000	0,013	0,011	FALSE
-0,029	0,306	-0,001	0,008	0,022	FALSE
0,089	0,306	0,003	0,008	0,142	FALSE
0,043	0,309	0,002	0,013	0,054	FALSE
0,020	0,313	0,001	0,008	0,033	FALSE
-0,021	0,304	-0,001	0,011	0,019	FALSE
-0,102	0,318	-0,004	0,011	0,130	FALSE
-0,007	0,314	0,000	0,009	0,013	FALSE
-0,045	0,314	-0,001	0,009	0,061	FALSE
-0,083	0,311	-0,003	0,010	0,115	FALSE
-0,035	0,306	0,000	0,007	0,019	FALSE
-0,061	0,322	-0,001	0,007	0,051	FALSE
-0,010	0,302	0,000	0,013	0,013	FALSE
-0,020	0,316	0,000	0,012	0,007	FALSE
0,058	0,314	0,003	0,013	0,082	FALSE
-0,066	0,309	-0,003	0,011	0,104	FALSE
0,045	0,316	0,002	0,012	0,051	FALSE

-0,070	0,314	-0,002	0,011	0,083	FALSE
0,041	0,298	0,002	0,012	0,075	FALSE
0,066	0,310	0,003	0,012	0,079	FALSE
0,078	0,305	0,003	0,011	0,089	FALSE
0,026	0,305	0,001	0,009	0,041	FALSE
0,009	0,299	0,001	0,011	0,028	FALSE
-0,066	0,318	-0,001	0,007	0,081	FALSE
-0,058	0,307	-0,001	0,007	0,066	FALSE
-0,034	0,302	-0,002	0,011	0,064	FALSE
0,008	0,299	0,000	0,013	0,009	FALSE
-0,034	0,311	-0,001	0,013	0,030	FALSE
-0,187	0,312	-0,004	0,007	0,286	FALSE
-0,035	0,303	-0,001	0,010	0,049	FALSE
0,022	0,314	0,001	0,008	0,033	FALSE
0,012	0,319	0,000	0,008	0,017	FALSE
-0,100	0,311	-0,004	0,013	0,131	FALSE
0,007	0,323	0,000	0,008	0,010	FALSE
0,010	0,311	0,000	0,009	0,000	FALSE
-0,001	0,288	0,000	0,012	0,014	FALSE
0,023	0,313	0,001	0,008	0,034	FALSE
0,059	0,319	0,002	0,007	0,083	FALSE
-0,079	0,302	-0,001	0,006	0,083	FALSE
0,087	0,294	0,005	0,012	0,173	FALSE
-0,007	0,303	0,000	0,011	0,014	FALSE
-0,042	0,312	-0,002	0,010	0,089	FALSE
-0,026	0,302	0,000	0,010	0,009	FALSE
0,119	0,307	0,004	0,012	0,148	FALSE
-0,093	0,304	-0,004	0,012	0,148	FALSE
-0,080	0,302	-0,004	0,012	0,119	FALSE
-0,040	0,306	-0,002	0,011	0,056	FALSE
-0,073	0,310	-0,003	0,010	0,123	FALSE
-0,012	0,299	-0,001	0,011	0,029	FALSE
-0,036	0,307	-0,001	0,008	0,069	FALSE
0,011	0,309	0,001	0,011	0,035	FALSE
0,034	0,296	0,002	0,009	0,074	FALSE
-0,022	0,295	-0,001	0,010	0,045	FALSE
-0,031	0,302	-0,001	0,011	0,045	FALSE
0,118	0,312	0,003	0,008	0,167	FALSE
-0,011	0,317	0,000	0,010	0,004	FALSE
-0,181	0,306	-0,005	0,009	0,244	FALSE
0,102	0,297	0,003	0,008	0,149	FALSE
-0,180	0,302	-0,005	0,009	0,254	FALSE
-0,136	0,287	-0,004	0,008	0,236	FALSE
-0,156	0,282	-0,004	0,007	0,254	FALSE
-0,123	0,287	-0,006	0,012	0,201	FALSE
0,070	0,312	0,002	0,009	0,094	FALSE
-0,039	0,296	-0,002	0,013	0,061	FALSE
0,139	0,301	0,003	0,008	0,182	FALSE
0,159	0,299	0,003	0,007	0,211	FALSE
-0,085	0,304	-0,004	0,013	0,108	FALSE
-0,052	0,313	-0,002	0,013	0,067	FALSE
-0,010	0,332	-0,001	0,013	0,015	FALSE
-0,120	0,300	-0,002	0,006	0,152	FALSE

0,142	0,313	0,003	0,007	0,188	FALSE
0,123	0,295	0,004	0,009	0,202	FALSE
-0,206	0,288	-0,008	0,011	0,325	FALSE
-0,057	0,307	-0,001	0,007	0,055	FALSE
0,116	0,314	0,004	0,012	0,140	FALSE
-0,090	0,303	-0,001	0,006	0,092	FALSE
0,111	0,307	0,003	0,008	0,164	FALSE
0,001	0,306	0,000	0,007	0,013	FALSE
-0,007	0,309	0,000	0,007	0,012	FALSE
0,023	0,295	0,001	0,007	0,028	FALSE
-0,096	0,287	-0,003	0,010	0,129	FALSE
0,062	0,307	0,002	0,007	0,099	FALSE
-0,090	0,325	-0,004	0,013	0,116	FALSE
-0,084	0,304	-0,003	0,010	0,093	FALSE
-0,050	0,314	-0,002	0,011	0,068	FALSE
0,001	0,298	0,000	0,009	0,013	FALSE
-0,112	0,300	-0,005	0,012	0,153	FALSE
0,166	0,294	0,004	0,008	0,238	FALSE
0,186	0,303	0,005	0,008	0,256	FALSE
0,053	0,308	0,001	0,007	0,072	FALSE
-0,087	0,317	-0,003	0,009	0,102	FALSE
0,144	0,314	0,004	0,010	0,165	FALSE
0,044	0,309	0,002	0,010	0,067	FALSE
-0,160	0,309	-0,003	0,007	0,196	FALSE
-0,041	0,292	-0,002	0,012	0,059	FALSE
-0,007	0,315	0,000	0,008	0,006	FALSE
-0,021	0,308	-0,001	0,008	0,031	FALSE
-0,013	0,315	0,000	0,009	0,012	FALSE
0,001	0,297	0,000	0,011	0,007	FALSE
0,042	0,321	0,001	0,008	0,045	FALSE
-0,025	0,304	-0,002	0,012	0,051	FALSE
-0,024	0,309	0,000	0,007	0,025	FALSE
0,017	0,299	0,000	0,011	0,006	FALSE
-0,062	0,310	-0,003	0,012	0,087	FALSE
0,021	0,315	0,000	0,008	0,017	FALSE
-0,112	0,304	-0,004	0,009	0,154	FALSE
0,005	0,292	0,000	0,007	0,021	FALSE
-0,092	0,310	-0,003	0,009	0,119	FALSE
-0,028	0,292	-0,001	0,008	0,032	FALSE
-0,027	0,297	-0,001	0,013	0,034	FALSE
-0,045	0,293	-0,002	0,013	0,064	FALSE
0,041	0,320	0,002	0,011	0,052	FALSE
-0,006	0,303	0,000	0,012	0,003	FALSE
-0,024	0,299	0,000	0,012	0,010	FALSE
0,054	0,309	0,003	0,012	0,086	FALSE
-0,077	0,313	-0,004	0,013	0,114	FALSE
0,028	0,297	0,001	0,007	0,037	FALSE
-0,004	0,297	-0,001	0,011	0,019	FALSE
0,150	0,300	0,005	0,010	0,201	FALSE
0,009	0,322	0,000	0,009	0,005	FALSE
-0,145	0,291	-0,006	0,011	0,205	FALSE
-0,078	0,307	-0,003	0,009	0,134	FALSE
0,073	0,312	0,003	0,011	0,091	FALSE

0,018	0,287	0,001	0,011	0,027	FALSE
-0,047	0,312	-0,002	0,009	0,073	FALSE
0,136	0,313	0,003	0,006	0,213	FALSE
0,042	0,298	0,001	0,011	0,031	FALSE
-0,017	0,313	0,000	0,008	0,013	FALSE
-0,038	0,313	-0,001	0,008	0,038	FALSE
-0,096	0,314	-0,002	0,008	0,098	FALSE
0,023	0,303	0,001	0,012	0,039	FALSE
0,056	0,305	0,002	0,012	0,074	FALSE
0,027	0,325	0,001	0,009	0,039	FALSE
0,146	0,309	0,005	0,013	0,168	FALSE
0,080	0,316	0,002	0,011	0,074	FALSE
-0,088	0,305	-0,002	0,008	0,097	FALSE
-0,019	0,301	-0,001	0,008	0,029	FALSE
-0,006	0,306	0,000	0,013	0,010	FALSE
0,035	0,291	0,002	0,012	0,063	FALSE
-0,005	0,310	0,000	0,013	0,009	FALSE
-0,065	0,308	-0,002	0,012	0,072	FALSE
0,035	0,315	0,002	0,009	0,061	FALSE
-0,078	0,309	-0,003	0,010	0,112	FALSE
0,039	0,325	0,001	0,007	0,051	FALSE
0,053	0,308	0,001	0,007	0,069	FALSE
0,059	0,302	0,002	0,011	0,085	FALSE
0,035	0,300	0,002	0,009	0,073	FALSE
0,002	0,288	0,001	0,008	0,031	FALSE
0,068	0,301	0,002	0,006	0,128	FALSE
0,058	0,312	0,001	0,007	0,074	FALSE
0,047	0,308	0,002	0,012	0,057	FALSE
-0,043	0,309	-0,003	0,013	0,075	FALSE
0,086	0,304	0,002	0,008	0,078	FALSE
0,030	0,304	0,001	0,011	0,039	FALSE
0,070	0,310	0,002	0,012	0,052	FALSE
-0,013	0,309	-0,001	0,012	0,017	FALSE
0,036	0,317	0,001	0,009	0,037	FALSE
-0,042	0,299	-0,002	0,013	0,044	FALSE
0,075	0,305	0,002	0,006	0,133	FALSE
0,036	0,304	0,000	0,010	0,002	FALSE
0,035	0,312	0,001	0,011	0,025	FALSE
-0,116	0,299	-0,003	0,008	0,145	FALSE
-0,099	0,303	-0,003	0,010	0,103	FALSE
-0,041	0,305	-0,001	0,007	0,040	FALSE
0,081	0,297	0,002	0,010	0,089	FALSE
0,080	0,306	0,004	0,011	0,134	FALSE
0,102	0,300	0,004	0,010	0,172	FALSE
0,019	0,312	0,001	0,012	0,044	FALSE
0,097	0,319	0,002	0,008	0,112	FALSE
0,026	0,314	0,001	0,007	0,056	FALSE
0,027	0,309	0,001	0,010	0,029	FALSE
-0,075	0,307	-0,003	0,013	0,106	FALSE
-0,004	0,315	0,000	0,012	0,003	FALSE
0,078	0,309	0,003	0,013	0,088	FALSE
0,142	0,309	0,005	0,011	0,192	FALSE
0,064	0,310	0,003	0,013	0,106	FALSE

-0,010	0,303	-0,001	0,011	0,038	FALSE
0,043	0,296	0,000	0,012	0,014	FALSE
-0,042	0,308	-0,002	0,013	0,044	FALSE
-0,075	0,307	-0,001	0,008	0,057	FALSE
0,123	0,301	0,005	0,012	0,172	FALSE
0,174	0,290	0,007	0,013	0,243	FALSE
0,084	0,312	0,003	0,011	0,116	FALSE
0,163	0,306	0,007	0,013	0,235	FALSE
0,058	0,305	0,002	0,011	0,061	FALSE
-0,057	0,305	-0,002	0,009	0,096	FALSE
-0,135	0,300	-0,004	0,012	0,150	FALSE
0,004	0,325	0,000	0,009	0,012	FALSE
-0,071	0,305	-0,002	0,009	0,077	FALSE
0,169	0,307	0,004	0,008	0,218	FALSE
-0,042	0,311	-0,001	0,007	0,040	FALSE
0,067	0,318	0,002	0,009	0,080	FALSE
0,122	0,309	0,003	0,010	0,118	FALSE
0,177	0,310	0,005	0,010	0,215	FALSE
0,085	0,303	0,003	0,009	0,124	FALSE
-0,061	0,301	-0,001	0,009	0,061	FALSE
0,018	0,319	0,000	0,009	0,000	FALSE
0,001	0,318	0,000	0,007	0,015	FALSE
-0,011	0,315	0,000	0,011	0,001	FALSE
0,043	0,317	0,001	0,012	0,037	FALSE
0,082	0,292	0,001	0,007	0,073	FALSE
0,048	0,306	0,002	0,011	0,052	FALSE
0,091	0,290	0,002	0,007	0,111	FALSE
0,110	0,307	0,005	0,012	0,163	FALSE
0,036	0,311	0,000	0,007	0,026	FALSE
-0,021	0,309	-0,001	0,011	0,038	FALSE
0,038	0,303	0,001	0,012	0,017	FALSE
0,084	0,300	0,003	0,012	0,097	FALSE
0,047	0,304	0,002	0,006	0,098	FALSE
0,055	0,317	0,002	0,007	0,111	FALSE
0,060	0,305	0,002	0,009	0,068	FALSE
0,071	0,304	0,001	0,007	0,060	FALSE
0,033	0,311	0,002	0,012	0,055	FALSE
0,097	0,300	0,004	0,011	0,129	FALSE
0,015	0,321	0,000	0,007	0,012	FALSE
0,074	0,316	0,003	0,011	0,094	FALSE
0,006	0,304	0,001	0,009	0,034	FALSE
0,059	0,315	0,003	0,013	0,091	FALSE
-0,023	0,320	0,000	0,009	0,016	FALSE
0,011	0,308	0,000	0,008	0,011	FALSE
-0,070	0,305	-0,003	0,012	0,100	FALSE
-0,044	0,323	-0,001	0,007	0,037	FALSE
0,046	0,314	0,001	0,008	0,051	FALSE
0,102	0,296	0,003	0,006	0,179	FALSE
0,080	0,310	0,002	0,011	0,063	FALSE
-0,173	0,282	-0,008	0,013	0,282	FALSE
-0,037	0,305	-0,002	0,012	0,053	FALSE
-0,033	0,302	-0,001	0,008	0,033	FALSE
0,055	0,307	0,002	0,007	0,106	FALSE

0,008	0,288	0,001	0,009	0,029	FALSE
-0,099	0,313	-0,004	0,011	0,144	FALSE
-0,059	0,316	-0,002	0,008	0,079	FALSE
0,036	0,313	0,002	0,010	0,059	FALSE
-0,068	0,300	-0,001	0,009	0,055	FALSE
-0,001	0,314	0,000	0,010	0,002	FALSE
0,052	0,306	0,002	0,012	0,047	FALSE
0,121	0,304	0,004	0,012	0,157	FALSE
0,048	0,298	0,001	0,013	0,043	FALSE
0,058	0,304	0,002	0,012	0,064	FALSE
0,106	0,311	0,004	0,012	0,132	FALSE
-0,101	0,304	-0,002	0,008	0,103	FALSE
-0,106	0,297	-0,003	0,007	0,154	FALSE
-0,029	0,308	0,000	0,007	0,013	FALSE
0,104	0,308	0,002	0,009	0,107	FALSE
0,079	0,312	0,003	0,010	0,111	FALSE
0,076	0,299	0,001	0,007	0,067	FALSE
-0,075	0,300	-0,002	0,008	0,105	FALSE
-0,142	0,300	-0,003	0,006	0,225	FALSE
0,102	0,299	0,003	0,006	0,165	FALSE
0,088	0,322	0,003	0,011	0,107	FALSE
0,040	0,305	0,000	0,007	0,021	FALSE
-0,010	0,290	0,000	0,010	0,004	FALSE
0,005	0,317	0,000	0,011	0,012	FALSE
-0,217	0,308	-0,009	0,011	0,355	FALSE
-0,172	0,308	-0,007	0,012	0,264	FALSE
0,116	0,304	0,004	0,010	0,165	FALSE
-0,021	0,303	0,000	0,007	0,009	FALSE
0,028	0,299	0,000	0,013	0,007	FALSE
0,008	0,291	-0,001	0,012	0,020	FALSE
-0,117	0,294	-0,004	0,011	0,141	FALSE
0,009	0,287	0,002	0,012	0,052	FALSE
0,200	0,304	0,005	0,007	0,276	FALSE
-0,107	0,312	-0,003	0,009	0,129	FALSE
-0,116	0,305	-0,003	0,008	0,161	FALSE
-0,084	0,305	-0,005	0,012	0,146	FALSE
0,037	0,305	0,000	0,012	0,014	FALSE
-0,106	0,304	-0,003	0,009	0,159	FALSE
-0,100	0,300	-0,003	0,008	0,146	FALSE
-0,004	0,297	0,000	0,012	0,013	FALSE
0,051	0,304	0,001	0,007	0,077	FALSE
-0,074	0,309	-0,002	0,009	0,083	FALSE
-0,039	0,307	-0,001	0,008	0,053	FALSE
-0,174	0,289	-0,004	0,007	0,223	FALSE
-0,111	0,303	-0,005	0,012	0,153	FALSE
-0,026	0,325	-0,001	0,009	0,022	FALSE
0,027	0,314	0,002	0,013	0,044	FALSE
-0,105	0,296	-0,003	0,012	0,103	FALSE
-0,022	0,326	-0,001	0,012	0,029	FALSE
-0,018	0,321	0,000	0,009	0,010	FALSE
0,054	0,313	0,001	0,008	0,050	FALSE
-0,085	0,313	-0,002	0,008	0,108	FALSE
-0,014	0,302	0,000	0,008	0,012	FALSE

-0,142	0,308	-0,004	0,008	0,197	FALSE
0,156	0,311	0,006	0,010	0,254	FALSE
0,039	0,297	0,002	0,012	0,071	FALSE
0,192	0,300	0,007	0,011	0,305	FALSE
0,131	0,283	0,006	0,012	0,223	FALSE
-0,065	0,298	-0,002	0,007	0,104	FALSE
0,052	0,304	0,002	0,009	0,080	FALSE
0,013	0,309	0,000	0,007	0,014	FALSE
0,039	0,315	0,001	0,009	0,046	FALSE
0,043	0,309	0,001	0,008	0,053	FALSE
-0,098	0,307	-0,002	0,008	0,129	FALSE
0,001	0,288	-0,001	0,013	0,015	FALSE
-0,084	0,311	-0,002	0,009	0,104	FALSE
-0,097	0,300	-0,003	0,009	0,121	FALSE
0,043	0,310	0,001	0,011	0,038	FALSE
-0,038	0,316	-0,001	0,009	0,031	FALSE
-0,031	0,310	-0,001	0,009	0,025	FALSE
0,067	0,317	0,002	0,008	0,098	FALSE
0,126	0,303	0,005	0,012	0,176	FALSE
0,060	0,319	0,003	0,011	0,092	FALSE
0,047	0,311	0,002	0,010	0,083	FALSE
-0,198	0,299	-0,009	0,012	0,322	FALSE
-0,004	0,312	0,000	0,009	0,006	FALSE
0,043	0,311	0,002	0,008	0,082	FALSE
0,008	0,304	0,000	0,012	0,001	FALSE
-0,010	0,307	-0,001	0,012	0,018	FALSE
0,133	0,294	0,005	0,010	0,194	FALSE
0,049	0,311	0,002	0,011	0,049	FALSE
0,073	0,311	0,002	0,011	0,073	FALSE
0,019	0,297	0,001	0,007	0,043	FALSE
0,063	0,302	0,002	0,009	0,076	FALSE
0,128	0,299	0,002	0,006	0,154	FALSE
-0,007	0,312	0,000	0,009	0,015	FALSE
-0,020	0,319	-0,002	0,013	0,052	FALSE
0,072	0,308	0,002	0,011	0,084	FALSE
0,096	0,303	0,003	0,008	0,125	FALSE
-0,034	0,312	0,000	0,008	0,018	FALSE
-0,057	0,299	-0,002	0,008	0,073	FALSE
-0,009	0,306	0,000	0,010	0,013	FALSE
0,008	0,310	0,001	0,006	0,039	FALSE
-0,039	0,315	-0,001	0,013	0,042	FALSE
0,086	0,311	0,002	0,008	0,103	FALSE
0,028	0,315	0,001	0,007	0,054	FALSE
-0,047	0,304	-0,001	0,008	0,040	FALSE
-0,074	0,306	-0,003	0,012	0,095	FALSE
-0,005	0,312	0,000	0,007	0,000	FALSE
-0,008	0,297	0,000	0,008	0,006	FALSE
0,040	0,302	0,001	0,008	0,042	FALSE
-0,026	0,300	-0,001	0,008	0,029	FALSE
0,118	0,294	0,002	0,007	0,126	FALSE
-0,030	0,310	-0,001	0,011	0,036	FALSE
-0,013	0,288	0,000	0,007	0,021	FALSE
0,086	0,307	0,002	0,007	0,122	FALSE

0,091	0,310	0,002	0,007	0,129	FALSE
0,089	0,308	0,002	0,007	0,101	FALSE
0,025	0,316	0,001	0,009	0,032	FALSE
0,005	0,320	0,000	0,009	0,012	FALSE
0,047	0,308	0,001	0,012	0,043	FALSE
-0,013	0,301	0,000	0,007	0,004	FALSE
0,011	0,306	0,001	0,007	0,037	FALSE
0,118	0,287	0,006	0,012	0,229	FALSE
-0,038	0,316	-0,002	0,010	0,084	FALSE
0,033	0,311	0,001	0,011	0,022	FALSE
-0,012	0,318	-0,001	0,010	0,053	FALSE
-0,082	0,307	-0,003	0,009	0,121	FALSE
-0,045	0,302	-0,001	0,008	0,040	FALSE
-0,072	0,287	-0,003	0,010	0,101	FALSE
0,044	0,310	0,001	0,009	0,054	FALSE
-0,039	0,317	-0,001	0,007	0,058	FALSE
0,003	0,308	0,000	0,013	0,004	FALSE
0,000	0,305	0,000	0,007	0,017	FALSE
0,037	0,306	0,001	0,010	0,052	FALSE
0,043	0,314	0,002	0,010	0,065	FALSE
0,090	0,298	0,003	0,011	0,091	FALSE
-0,064	0,306	-0,003	0,012	0,099	FALSE
-0,036	0,299	0,000	0,012	0,013	FALSE
0,030	0,298	0,001	0,008	0,066	FALSE
-0,035	0,322	-0,001	0,009	0,051	FALSE
0,043	0,309	0,001	0,007	0,047	FALSE
0,050	0,309	0,001	0,008	0,072	FALSE
-0,068	0,299	-0,002	0,009	0,062	FALSE
0,012	0,312	0,001	0,012	0,025	FALSE
-0,033	0,318	-0,001	0,009	0,054	FALSE
0,040	0,318	0,001	0,009	0,046	FALSE
0,052	0,317	0,002	0,012	0,067	FALSE
-0,047	0,313	-0,002	0,010	0,058	FALSE
0,050	0,317	0,002	0,012	0,062	FALSE
0,041	0,314	0,001	0,010	0,043	FALSE
-0,027	0,323	-0,001	0,013	0,020	FALSE
0,005	0,305	-0,001	0,010	0,027	FALSE
0,093	0,298	0,003	0,011	0,106	FALSE
-0,133	0,316	-0,004	0,009	0,193	FALSE
-0,062	0,297	-0,003	0,010	0,103	FALSE
-0,125	0,292	-0,006	0,012	0,189	FALSE
-0,125	0,309	-0,002	0,007	0,140	FALSE
-0,142	0,315	-0,005	0,012	0,178	FALSE
0,089	0,315	0,002	0,006	0,119	FALSE
0,013	0,299	0,000	0,013	0,011	FALSE
-0,087	0,302	-0,002	0,007	0,118	FALSE
0,089	0,305	0,004	0,011	0,135	FALSE
0,083	0,309	0,002	0,008	0,098	FALSE
-0,046	0,310	-0,002	0,011	0,060	FALSE
-0,015	0,311	0,000	0,006	0,007	FALSE
0,085	0,319	0,002	0,007	0,130	FALSE
-0,082	0,310	-0,002	0,008	0,111	FALSE
-0,093	0,304	-0,004	0,012	0,123	FALSE

-0,119	0,304	-0,003	0,008	0,149	FALSE
-0,059	0,316	-0,002	0,011	0,078	FALSE
-0,044	0,322	-0,002	0,011	0,064	FALSE
0,020	0,302	0,000	0,008	0,022	FALSE
0,034	0,312	0,001	0,008	0,031	FALSE
-0,080	0,308	-0,003	0,011	0,104	FALSE
0,021	0,313	0,001	0,013	0,035	FALSE
-0,004	0,323	-0,001	0,008	0,025	FALSE
-0,045	0,302	-0,002	0,013	0,069	FALSE
-0,013	0,312	-0,001	0,009	0,035	FALSE
0,028	0,317	0,000	0,007	0,018	FALSE
0,020	0,316	0,001	0,008	0,028	FALSE
0,078	0,308	0,003	0,009	0,121	FALSE
0,057	0,308	0,001	0,007	0,049	FALSE
0,065	0,311	0,001	0,008	0,048	FALSE
-0,008	0,316	0,000	0,008	0,009	FALSE
-0,101	0,309	-0,003	0,010	0,121	FALSE
0,057	0,320	0,001	0,007	0,078	FALSE
0,057	0,293	0,001	0,010	0,048	FALSE
-0,056	0,303	-0,001	0,007	0,026	FALSE
-0,023	0,292	0,000	0,006	0,018	FALSE
-0,027	0,306	-0,001	0,009	0,028	FALSE
-0,012	0,270	0,000	0,006	0,016	FALSE
-0,039	0,311	-0,001	0,011	0,047	FALSE
0,037	0,310	0,001	0,007	0,059	FALSE
-0,173	0,301	-0,004	0,007	0,226	FALSE
-0,025	0,308	0,000	0,010	0,006	FALSE
0,101	0,309	0,004	0,013	0,133	FALSE
-0,052	0,311	-0,002	0,013	0,062	FALSE
-0,015	0,299	0,000	0,011	0,002	FALSE
0,102	0,305	0,003	0,011	0,117	FALSE
0,131	0,309	0,005	0,013	0,159	FALSE
0,095	0,322	0,003	0,013	0,100	FALSE
0,024	0,326	0,001	0,008	0,035	FALSE
-0,074	0,321	-0,002	0,008	0,077	FALSE
-0,062	0,303	-0,001	0,007	0,081	FALSE
0,100	0,311	0,004	0,011	0,125	FALSE
0,058	0,315	0,002	0,012	0,077	FALSE
0,057	0,321	0,002	0,012	0,071	FALSE
-0,063	0,321	-0,002	0,010	0,072	FALSE
0,115	0,310	0,003	0,008	0,159	FALSE
0,054	0,314	0,002	0,009	0,067	FALSE
-0,105	0,312	-0,003	0,008	0,122	FALSE
-0,073	0,294	-0,002	0,007	0,098	FALSE
0,022	0,322	0,001	0,010	0,030	FALSE
0,106	0,304	0,005	0,012	0,152	FALSE
0,017	0,309	0,001	0,010	0,026	FALSE
0,065	0,312	0,001	0,008	0,065	FALSE
-0,082	0,310	-0,004	0,012	0,126	FALSE
0,132	0,299	0,004	0,008	0,187	FALSE
-0,121	0,308	-0,003	0,007	0,180	FALSE
-0,024	0,294	-0,002	0,013	0,049	FALSE
-0,054	0,302	-0,002	0,008	0,095	FALSE

-0,054	0,304	-0,002	0,009	0,093	FALSE
0,073	0,298	0,002	0,008	0,094	FALSE
0,108	0,292	0,003	0,008	0,152	FALSE
-0,131	0,304	-0,005	0,010	0,232	FALSE
-0,034	0,314	-0,001	0,008	0,055	FALSE
-0,015	0,282	-0,001	0,006	0,033	FALSE
-0,007	0,286	0,000	0,006	0,012	FALSE
-0,001	0,286	0,000	0,007	0,019	FALSE
-0,137	0,314	-0,003	0,007	0,145	FALSE
-0,053	0,320	-0,001	0,008	0,060	FALSE
-0,135	0,296	-0,003	0,006	0,189	FALSE
-0,066	0,316	-0,002	0,010	0,067	FALSE
0,076	0,307	0,002	0,010	0,082	FALSE
0,096	0,311	0,002	0,010	0,091	FALSE
0,152	0,303	0,004	0,008	0,217	FALSE
-0,023	0,302	0,000	0,009	0,009	FALSE
0,106	0,305	0,005	0,012	0,178	FALSE
0,106	0,316	0,003	0,007	0,145	FALSE
0,038	0,310	0,001	0,009	0,037	FALSE
-0,014	0,315	-0,001	0,012	0,015	FALSE
-0,034	0,307	-0,001	0,009	0,025	FALSE
0,050	0,318	0,002	0,010	0,088	FALSE
0,036	0,294	0,001	0,007	0,044	FALSE
-0,025	0,312	0,000	0,009	0,001	FALSE
-0,016	0,305	0,000	0,009	0,016	FALSE
-0,035	0,307	0,000	0,009	0,019	FALSE
0,073	0,311	0,001	0,007	0,074	FALSE
0,018	0,297	0,000	0,006	0,012	FALSE
-0,016	0,318	-0,001	0,009	0,020	FALSE
-0,020	0,309	-0,001	0,012	0,039	FALSE
0,008	0,316	0,000	0,012	0,001	FALSE
0,078	0,311	0,002	0,008	0,116	FALSE
-0,069	0,308	-0,001	0,006	0,069	FALSE
0,013	0,307	0,000	0,013	0,008	FALSE
-0,059	0,307	-0,001	0,013	0,030	FALSE
-0,149	0,296	-0,006	0,012	0,196	FALSE
0,064	0,307	0,003	0,012	0,077	FALSE
-0,069	0,302	-0,002	0,010	0,077	FALSE
-0,046	0,316	-0,001	0,011	0,051	FALSE
-0,001	0,313	-0,001	0,013	0,023	FALSE
-0,127	0,316	-0,003	0,008	0,152	FALSE
-0,204	0,304	-0,006	0,009	0,286	FALSE
0,118	0,290	0,005	0,012	0,159	FALSE
-0,093	0,314	-0,003	0,009	0,118	FALSE
0,147	0,306	0,004	0,007	0,221	FALSE
0,092	0,300	0,002	0,010	0,075	FALSE
0,004	0,312	-0,001	0,010	0,031	FALSE
-0,067	0,296	-0,001	0,007	0,081	FALSE
0,114	0,305	0,005	0,011	0,165	FALSE
0,016	0,309	0,001	0,012	0,038	FALSE
0,010	0,310	0,000	0,009	0,000	FALSE
-0,098	0,293	-0,004	0,012	0,139	FALSE
-0,056	0,310	-0,002	0,009	0,064	FALSE

-0,014	0,308	0,000	0,010	0,012	FALSE
0,059	0,303	0,002	0,013	0,057	FALSE
0,043	0,300	0,001	0,011	0,048	FALSE
-0,016	0,308	-0,001	0,009	0,026	FALSE
0,098	0,304	0,004	0,011	0,132	FALSE
0,120	0,299	0,005	0,013	0,139	FALSE
-0,035	0,297	-0,001	0,011	0,045	FALSE
0,159	0,301	0,004	0,008	0,207	FALSE
0,039	0,309	0,001	0,008	0,059	FALSE
0,050	0,302	0,001	0,008	0,050	FALSE
0,066	0,300	0,002	0,006	0,103	FALSE
0,053	0,317	0,002	0,012	0,060	FALSE
0,048	0,305	0,002	0,010	0,062	FALSE
0,091	0,291	0,003	0,012	0,091	FALSE
-0,005	0,301	0,000	0,006	0,027	FALSE
-0,095	0,295	-0,003	0,010	0,127	FALSE
-0,079	0,319	-0,002	0,007	0,104	FALSE
0,031	0,312	0,000	0,006	0,008	FALSE
-0,039	0,300	-0,002	0,011	0,068	FALSE
0,031	0,324	0,000	0,008	0,023	FALSE
-0,068	0,301	-0,001	0,007	0,066	FALSE
-0,034	0,314	-0,001	0,008	0,052	FALSE
-0,028	0,310	-0,001	0,010	0,040	FALSE
0,004	0,306	0,000	0,007	0,013	FALSE
-0,052	0,301	-0,003	0,011	0,099	FALSE
-0,160	0,298	-0,004	0,007	0,238	FALSE
0,046	0,292	0,001	0,011	0,030	FALSE
-0,082	0,288	-0,002	0,006	0,099	FALSE
-0,048	0,317	-0,002	0,012	0,061	FALSE
-0,072	0,310	-0,003	0,012	0,095	FALSE
0,054	0,307	0,002	0,009	0,083	FALSE
-0,027	0,313	-0,001	0,010	0,032	FALSE
0,060	0,314	0,002	0,008	0,102	FALSE
0,142	0,299	0,005	0,010	0,220	FALSE
0,120	0,303	0,005	0,009	0,224	FALSE
0,092	0,308	0,002	0,006	0,135	FALSE
-0,188	0,299	-0,008	0,012	0,303	FALSE
-0,110	0,303	-0,003	0,008	0,136	FALSE
-0,031	0,304	-0,001	0,010	0,045	FALSE
-0,124	0,317	-0,004	0,010	0,185	FALSE
-0,094	0,291	-0,003	0,009	0,158	FALSE
0,104	0,308	0,004	0,012	0,130	FALSE
-0,049	0,310	-0,002	0,011	0,059	FALSE
-0,052	0,303	-0,002	0,011	0,082	FALSE
0,047	0,316	0,001	0,013	0,040	FALSE
-0,042	0,311	-0,002	0,013	0,054	FALSE
0,039	0,295	0,002	0,009	0,078	FALSE
-0,056	0,295	-0,001	0,007	0,057	FALSE
0,106	0,291	0,004	0,009	0,156	FALSE
0,131	0,303	0,005	0,011	0,184	FALSE
-0,076	0,314	-0,003	0,013	0,086	FALSE
-0,081	0,293	-0,002	0,008	0,111	FALSE
-0,035	0,294	-0,001	0,009	0,046	FALSE

0,015	0,320	0,001	0,011	0,040	FALSE
0,099	0,311	0,003	0,008	0,130	FALSE
-0,064	0,321	-0,002	0,011	0,076	FALSE
-0,061	0,313	-0,002	0,010	0,066	FALSE
-0,002	0,303	-0,001	0,009	0,051	FALSE
-0,183	0,293	-0,006	0,009	0,281	FALSE
0,200	0,286	0,007	0,008	0,373	FALSE
-0,053	0,303	-0,001	0,007	0,071	FALSE
-0,125	0,298	-0,005	0,011	0,185	FALSE
-0,049	0,317	-0,002	0,011	0,089	FALSE
-0,053	0,320	-0,002	0,009	0,084	FALSE
-0,106	0,316	-0,004	0,012	0,144	FALSE
0,074	0,304	0,002	0,013	0,070	FALSE
0,015	0,310	0,001	0,008	0,043	FALSE
-0,035	0,310	0,000	0,007	0,020	FALSE
0,060	0,303	0,002	0,012	0,064	FALSE
0,023	0,308	0,000	0,006	0,003	FALSE
0,108	0,299	0,005	0,011	0,180	FALSE
0,000	0,309	0,000	0,008	0,009	FALSE
-0,165	0,324	-0,006	0,010	0,241	FALSE
-0,055	0,297	-0,003	0,013	0,085	FALSE
0,044	0,308	0,001	0,011	0,043	FALSE
0,042	0,303	0,002	0,011	0,052	FALSE
-0,034	0,309	-0,001	0,010	0,026	FALSE
-0,045	0,305	-0,003	0,013	0,100	FALSE
0,036	0,323	0,001	0,012	0,021	FALSE
-0,043	0,297	0,000	0,006	0,025	FALSE
0,024	0,322	0,001	0,009	0,046	FALSE
0,091	0,298	0,003	0,009	0,121	FALSE
0,116	0,302	0,003	0,009	0,157	FALSE
-0,001	0,302	-0,001	0,007	0,038	FALSE
0,012	0,312	0,000	0,006	0,020	FALSE
-0,033	0,318	-0,002	0,012	0,063	FALSE
0,022	0,327	0,001	0,008	0,044	FALSE
0,029	0,312	0,000	0,008	0,013	FALSE
-0,003	0,318	0,000	0,008	0,012	FALSE
0,080	0,312	0,001	0,007	0,072	FALSE
0,071	0,320	0,002	0,010	0,094	FALSE
0,089	0,308	0,003	0,012	0,099	FALSE
-0,033	0,311	0,000	0,008	0,017	FALSE
0,004	0,295	-0,001	0,011	0,024	FALSE
0,006	0,299	0,000	0,006	0,010	FALSE
-0,018	0,309	0,000	0,011	0,003	FALSE
-0,037	0,316	-0,001	0,008	0,043	FALSE
0,063	0,305	0,001	0,007	0,085	FALSE
-0,010	0,293	0,000	0,012	0,011	FALSE
0,056	0,303	0,002	0,012	0,045	FALSE
0,091	0,305	0,003	0,011	0,121	FALSE
-0,108	0,318	-0,003	0,009	0,143	FALSE
-0,077	0,310	-0,002	0,008	0,085	FALSE
-0,082	0,303	-0,002	0,006	0,103	FALSE
0,041	0,315	0,001	0,008	0,043	FALSE
0,057	0,308	0,001	0,007	0,037	FALSE

0,046	0,319	0,001	0,009	0,037	FALSE
0,050	0,318	0,002	0,010	0,070	FALSE
0,117	0,292	0,005	0,011	0,199	FALSE
0,131	0,305	0,004	0,008	0,194	FALSE
0,058	0,312	0,002	0,012	0,073	FALSE
-0,059	0,305	-0,001	0,008	0,059	FALSE
0,104	0,312	0,003	0,010	0,117	FALSE
0,107	0,293	0,005	0,012	0,172	FALSE
-0,066	0,301	-0,003	0,010	0,100	FALSE
-0,141	0,304	-0,004	0,009	0,185	FALSE
0,052	0,304	0,002	0,009	0,080	FALSE
0,036	0,306	0,001	0,011	0,036	FALSE
0,048	0,308	0,002	0,012	0,075	FALSE
0,152	0,286	0,003	0,006	0,203	FALSE
0,169	0,302	0,004	0,007	0,259	FALSE
-0,047	0,317	-0,003	0,013	0,084	FALSE
-0,003	0,306	0,000	0,012	0,004	FALSE
-0,039	0,300	-0,003	0,013	0,081	FALSE
0,031	0,300	0,000	0,010	0,011	FALSE
-0,012	0,311	0,000	0,007	0,022	FALSE
-0,115	0,309	-0,004	0,012	0,142	FALSE
-0,009	0,313	0,000	0,010	0,003	FALSE
0,127	0,312	0,005	0,010	0,183	FALSE
0,136	0,311	0,004	0,009	0,212	FALSE
0,182	0,309	0,005	0,009	0,265	FALSE
-0,061	0,316	-0,001	0,006	0,065	FALSE
-0,108	0,300	-0,003	0,008	0,148	FALSE
-0,115	0,313	-0,003	0,008	0,152	FALSE
-0,030	0,315	-0,001	0,012	0,036	FALSE
0,047	0,291	0,002	0,007	0,127	FALSE
-0,075	0,317	-0,003	0,011	0,103	FALSE
-0,018	0,305	0,000	0,013	0,000	FALSE
-0,002	0,303	0,000	0,011	0,001	FALSE
-0,086	0,309	-0,002	0,008	0,116	FALSE
-0,048	0,302	-0,001	0,010	0,056	FALSE
0,109	0,307	0,003	0,009	0,152	FALSE
0,106	0,304	0,004	0,009	0,151	FALSE
-0,077	0,298	-0,002	0,008	0,106	FALSE
0,132	0,321	0,004	0,011	0,152	FALSE
-0,177	0,303	-0,004	0,008	0,230	FALSE
0,084	0,302	0,002	0,010	0,085	FALSE
0,019	0,308	0,000	0,009	0,005	FALSE
-0,101	0,303	-0,002	0,006	0,123	FALSE
-0,010	0,319	-0,001	0,010	0,019	FALSE
0,027	0,306	0,000	0,011	0,002	FALSE
0,016	0,309	0,000	0,013	0,012	FALSE
-0,023	0,295	-0,001	0,012	0,026	FALSE
0,029	0,304	0,001	0,008	0,052	FALSE
-0,094	0,293	-0,002	0,009	0,077	FALSE
-0,029	0,303	-0,001	0,010	0,024	FALSE
0,040	0,290	0,001	0,008	0,043	FALSE
0,052	0,287	0,002	0,008	0,071	FALSE
-0,072	0,316	-0,002	0,010	0,099	FALSE

-0,093	0,288	-0,003	0,008	0,135	FALSE
0,052	0,316	0,002	0,013	0,068	FALSE
0,039	0,302	0,002	0,010	0,090	FALSE
0,027	0,322	0,001	0,010	0,031	FALSE
-0,007	0,314	0,000	0,007	0,017	FALSE
-0,008	0,296	0,000	0,008	0,004	FALSE
-0,021	0,310	-0,001	0,008	0,052	FALSE
0,004	0,294	0,001	0,007	0,048	FALSE
-0,012	0,301	0,001	0,007	0,033	FALSE
0,032	0,322	0,001	0,008	0,050	FALSE
-0,078	0,310	-0,004	0,012	0,119	FALSE
0,070	0,300	0,004	0,013	0,121	FALSE
0,093	0,304	0,003	0,007	0,146	FALSE
-0,022	0,316	0,000	0,010	0,007	FALSE
0,007	0,312	0,001	0,009	0,020	FALSE
-0,146	0,317	-0,007	0,013	0,226	FALSE
-0,095	0,321	-0,004	0,011	0,126	FALSE
0,025	0,296	0,000	0,006	0,018	FALSE
-0,094	0,299	-0,002	0,007	0,128	FALSE
0,109	0,300	0,006	0,013	0,194	FALSE
-0,069	0,317	-0,001	0,008	0,061	FALSE
-0,011	0,306	0,000	0,012	0,004	FALSE
0,066	0,317	0,002	0,009	0,101	FALSE
0,058	0,289	0,002	0,012	0,080	FALSE
0,032	0,320	0,001	0,008	0,042	FALSE
-0,116	0,314	-0,002	0,007	0,144	FALSE
-0,135	0,304	-0,003	0,009	0,143	FALSE
-0,058	0,308	-0,001	0,007	0,065	FALSE
0,024	0,311	0,000	0,010	0,017	FALSE
0,043	0,322	0,003	0,013	0,078	FALSE
0,038	0,298	0,001	0,006	0,042	FALSE
0,187	0,298	0,008	0,013	0,257	FALSE
-0,095	0,318	-0,002	0,007	0,118	FALSE
-0,148	0,326	-0,005	0,012	0,174	FALSE
0,038	0,310	0,000	0,007	0,012	FALSE
0,054	0,294	0,001	0,006	0,053	FALSE
0,077	0,295	0,003	0,010	0,112	FALSE
0,054	0,312	0,002	0,012	0,046	FALSE
0,007	0,305	0,001	0,012	0,018	FALSE
-0,064	0,307	-0,002	0,013	0,069	FALSE
-0,053	0,310	-0,003	0,013	0,078	FALSE
0,018	0,290	0,001	0,008	0,047	FALSE
-0,098	0,317	-0,004	0,013	0,120	FALSE
0,102	0,297	0,002	0,006	0,098	FALSE
-0,154	0,297	-0,003	0,007	0,196	FALSE
-0,009	0,291	-0,001	0,012	0,031	FALSE
0,011	0,293	0,000	0,012	0,010	FALSE
0,030	0,299	0,002	0,010	0,060	FALSE
0,072	0,312	0,002	0,009	0,085	FALSE
0,046	0,316	0,001	0,008	0,061	FALSE
0,035	0,306	0,001	0,009	0,057	FALSE
0,057	0,320	0,002	0,011	0,075	FALSE
-0,057	0,302	-0,003	0,012	0,084	FALSE

0,016	0,299	0,000	0,006	0,020	FALSE
0,034	0,303	0,001	0,013	0,041	FALSE
0,039	0,314	0,001	0,009	0,050	FALSE
0,094	0,309	0,003	0,011	0,118	FALSE
-0,072	0,299	-0,003	0,011	0,106	FALSE
0,028	0,310	0,001	0,012	0,032	FALSE
0,004	0,318	0,000	0,007	0,003	FALSE
0,097	0,311	0,002	0,007	0,135	FALSE
0,001	0,306	0,001	0,007	0,030	FALSE
0,050	0,318	0,002	0,008	0,076	FALSE
-0,007	0,301	0,000	0,006	0,005	FALSE
0,125	0,304	0,003	0,007	0,196	FALSE
0,008	0,295	0,000	0,008	0,003	FALSE
-0,034	0,315	-0,001	0,012	0,020	FALSE
-0,002	0,311	0,000	0,007	0,007	FALSE
0,107	0,313	0,004	0,013	0,131	FALSE
0,029	0,317	0,001	0,012	0,028	FALSE
0,050	0,316	0,002	0,012	0,067	FALSE
-0,032	0,310	-0,001	0,009	0,035	FALSE
0,083	0,310	0,003	0,010	0,122	FALSE
-0,011	0,306	0,000	0,008	0,015	FALSE
-0,013	0,310	-0,001	0,011	0,026	FALSE
-0,139	0,308	-0,004	0,008	0,203	FALSE
-0,125	0,300	-0,006	0,012	0,208	FALSE
0,098	0,298	0,004	0,011	0,162	FALSE
-0,098	0,320	-0,003	0,009	0,122	FALSE
0,020	0,309	0,000	0,011	0,004	FALSE
-0,015	0,325	0,000	0,008	0,022	FALSE
0,034	0,309	0,001	0,008	0,064	FALSE
0,094	0,317	0,003	0,011	0,099	FALSE
-0,048	0,310	-0,001	0,007	0,060	FALSE
0,013	0,309	0,000	0,013	0,004	FALSE
-0,057	0,319	-0,001	0,010	0,042	FALSE
-0,031	0,315	0,000	0,012	0,010	FALSE
0,014	0,300	0,000	0,013	0,004	FALSE
-0,052	0,301	-0,002	0,011	0,076	FALSE
-0,018	0,299	0,000	0,007	0,013	FALSE
-0,080	0,302	-0,001	0,007	0,079	FALSE
-0,015	0,315	0,000	0,007	0,003	FALSE
0,034	0,309	0,001	0,006	0,045	FALSE
-0,085	0,294	-0,003	0,011	0,101	FALSE
-0,079	0,303	-0,003	0,012	0,089	FALSE
0,112	0,306	0,004	0,010	0,174	FALSE
0,051	0,297	0,001	0,008	0,060	FALSE
-0,035	0,313	-0,001	0,007	0,049	FALSE
0,051	0,318	0,002	0,011	0,050	FALSE
-0,073	0,302	-0,003	0,013	0,094	FALSE
0,011	0,304	0,001	0,009	0,028	FALSE
-0,022	0,321	-0,001	0,011	0,038	FALSE
-0,131	0,300	-0,003	0,009	0,138	FALSE
-0,042	0,296	-0,001	0,007	0,037	FALSE
-0,034	0,310	-0,001	0,012	0,022	FALSE
-0,028	0,312	0,000	0,012	0,010	FALSE

-0,108	0,293	-0,003	0,008	0,136	FALSE
0,162	0,301	0,005	0,012	0,163	FALSE
-0,061	0,299	-0,002	0,012	0,053	FALSE
-0,116	0,294	-0,003	0,008	0,143	FALSE
-0,054	0,328	-0,001	0,007	0,053	FALSE
-0,027	0,312	0,000	0,011	0,008	FALSE
-0,024	0,305	-0,002	0,013	0,048	FALSE
0,082	0,309	0,002	0,007	0,122	FALSE
-0,006	0,315	0,000	0,011	0,006	FALSE
-0,049	0,300	-0,001	0,006	0,071	FALSE
0,034	0,317	0,001	0,011	0,043	FALSE
-0,053	0,302	-0,002	0,010	0,064	FALSE
0,120	0,289	0,004	0,009	0,172	FALSE
0,026	0,320	0,000	0,007	0,017	FALSE
-0,070	0,309	-0,003	0,013	0,091	FALSE
0,133	0,313	0,004	0,011	0,161	FALSE
0,081	0,304	0,002	0,008	0,088	FALSE
0,068	0,307	0,004	0,012	0,131	FALSE
0,138	0,304	0,004	0,007	0,224	FALSE
0,009	0,292	0,000	0,011	0,001	FALSE
-0,073	0,302	-0,003	0,012	0,084	FALSE
-0,031	0,307	-0,001	0,010	0,029	FALSE
0,049	0,318	0,002	0,007	0,093	FALSE
0,018	0,301	0,000	0,008	0,020	FALSE
0,240	0,314	0,005	0,007	0,338	FALSE
0,047	0,321	0,002	0,010	0,059	FALSE
-0,045	0,305	-0,001	0,008	0,060	FALSE
-0,003	0,317	-0,001	0,010	0,025	FALSE
0,026	0,308	0,002	0,012	0,047	FALSE
-0,014	0,320	-0,001	0,011	0,040	FALSE
0,048	0,297	0,001	0,010	0,050	FALSE
-0,144	0,309	-0,004	0,008	0,193	FALSE
0,132	0,284	0,004	0,007	0,250	FALSE
-0,098	0,290	-0,003	0,007	0,155	FALSE
0,072	0,306	0,003	0,012	0,097	FALSE
0,076	0,305	0,004	0,013	0,107	FALSE
-0,027	0,305	-0,001	0,012	0,023	FALSE
-0,091	0,302	-0,003	0,008	0,155	FALSE
-0,092	0,302	-0,003	0,011	0,109	FALSE
-0,035	0,311	-0,001	0,010	0,051	FALSE
-0,032	0,298	-0,001	0,011	0,042	FALSE
-0,047	0,297	-0,002	0,007	0,085	FALSE
-0,074	0,305	-0,004	0,013	0,117	FALSE
0,111	0,301	0,004	0,012	0,134	FALSE
-0,001	0,315	0,000	0,007	0,010	FALSE
0,044	0,301	0,001	0,007	0,051	FALSE
-0,105	0,295	-0,004	0,011	0,140	FALSE
0,029	0,325	0,001	0,006	0,073	FALSE
0,012	0,291	-0,001	0,013	0,017	FALSE
0,026	0,303	0,000	0,013	0,003	FALSE
0,011	0,312	0,000	0,013	0,009	FALSE
0,000	0,311	0,000	0,006	0,010	FALSE
-0,043	0,308	-0,001	0,013	0,028	FALSE

0,110	0,311	0,003	0,009	0,148	FALSE
-0,006	0,304	0,000	0,006	0,015	FALSE
-0,031	0,298	-0,001	0,012	0,037	FALSE
0,021	0,291	0,000	0,006	0,004	FALSE
0,060	0,301	0,001	0,007	0,040	FALSE
0,079	0,298	0,004	0,010	0,153	FALSE
0,023	0,305	0,000	0,008	0,017	FALSE
0,125	0,301	0,003	0,007	0,141	FALSE
-0,024	0,290	0,000	0,009	0,006	FALSE
0,040	0,304	0,000	0,008	0,013	FALSE
-0,055	0,309	-0,002	0,012	0,069	FALSE
-0,038	0,300	-0,001	0,006	0,035	FALSE
0,083	0,311	0,003	0,010	0,114	FALSE
-0,137	0,307	-0,004	0,009	0,194	FALSE
0,012	0,283	0,001	0,009	0,028	FALSE
-0,090	0,294	-0,003	0,010	0,130	FALSE
-0,073	0,310	-0,002	0,008	0,096	FALSE
-0,013	0,287	0,000	0,007	0,011	FALSE
0,032	0,320	0,001	0,007	0,043	FALSE
-0,038	0,304	-0,002	0,011	0,067	FALSE
-0,032	0,314	-0,002	0,012	0,052	FALSE
-0,123	0,298	-0,003	0,007	0,159	FALSE
-0,043	0,314	-0,001	0,011	0,041	FALSE
0,048	0,324	0,002	0,013	0,065	FALSE
-0,037	0,310	-0,001	0,009	0,042	FALSE
0,033	0,303	0,002	0,010	0,057	FALSE
-0,090	0,314	-0,003	0,012	0,095	FALSE
0,029	0,295	0,001	0,009	0,063	FALSE
-0,015	0,308	0,000	0,011	0,007	FALSE
-0,063	0,318	-0,003	0,012	0,080	FALSE
0,051	0,307	0,002	0,011	0,058	FALSE
0,009	0,307	0,001	0,008	0,038	FALSE
0,030	0,294	0,001	0,007	0,063	FALSE
-0,009	0,304	0,000	0,011	0,009	FALSE
0,162	0,294	0,003	0,007	0,170	FALSE
-0,047	0,314	-0,002	0,013	0,046	FALSE
0,033	0,294	0,000	0,006	0,017	FALSE
0,125	0,305	0,003	0,008	0,191	FALSE
-0,189	0,306	-0,007	0,013	0,247	FALSE
-0,130	0,304	-0,003	0,008	0,164	FALSE
0,050	0,306	0,002	0,010	0,094	FALSE
-0,003	0,303	0,000	0,008	0,022	FALSE
0,031	0,312	0,001	0,009	0,058	FALSE
0,026	0,320	0,002	0,012	0,054	FALSE
0,098	0,295	0,002	0,007	0,098	FALSE
-0,047	0,297	-0,001	0,013	0,037	FALSE
0,068	0,313	0,002	0,009	0,091	FALSE
-0,039	0,332	-0,001	0,007	0,054	FALSE
0,082	0,303	0,004	0,011	0,130	FALSE
0,061	0,321	0,002	0,008	0,091	FALSE
-0,086	0,317	-0,002	0,007	0,128	FALSE
0,018	0,294	0,001	0,009	0,037	FALSE
0,164	0,305	0,005	0,009	0,224	FALSE

0,100	0,302	0,002	0,006	0,127	FALSE
-0,005	0,308	0,000	0,008	0,021	FALSE
-0,222	0,271	-0,008	0,011	0,321	TRUE
0,105	0,313	0,003	0,010	0,107	FALSE
-0,086	0,316	-0,002	0,007	0,105	FALSE
0,053	0,311	0,002	0,009	0,072	FALSE
0,082	0,323	0,002	0,012	0,070	FALSE
0,024	0,290	0,001	0,012	0,046	FALSE
-0,066	0,302	-0,002	0,009	0,095	FALSE
-0,089	0,302	-0,002	0,007	0,102	FALSE
-0,038	0,297	-0,001	0,007	0,064	FALSE
0,031	0,311	0,001	0,008	0,047	FALSE
-0,045	0,304	-0,001	0,008	0,050	FALSE
0,049	0,315	0,001	0,007	0,032	FALSE
-0,104	0,315	-0,003	0,009	0,137	FALSE
-0,090	0,310	-0,003	0,009	0,119	FALSE
0,093	0,303	0,003	0,009	0,120	FALSE
-0,038	0,313	-0,002	0,011	0,057	FALSE
-0,049	0,303	-0,001	0,008	0,050	FALSE
0,037	0,309	0,002	0,012	0,071	FALSE
0,032	0,308	0,002	0,010	0,079	FALSE
-0,067	0,317	-0,002	0,009	0,094	FALSE
-0,154	0,301	-0,006	0,010	0,263	FALSE
-0,069	0,308	-0,002	0,007	0,090	FALSE
0,046	0,314	0,001	0,010	0,053	FALSE
0,043	0,312	0,002	0,010	0,068	FALSE
0,041	0,316	0,001	0,008	0,052	FALSE
0,031	0,313	0,001	0,012	0,032	FALSE
-0,005	0,299	0,000	0,010	0,010	FALSE
-0,015	0,299	0,000	0,012	0,003	FALSE
0,007	0,314	0,000	0,009	0,006	FALSE
0,102	0,296	0,002	0,006	0,139	FALSE
0,102	0,302	0,004	0,012	0,138	FALSE
0,024	0,305	0,001	0,011	0,042	FALSE
0,056	0,308	0,001	0,008	0,060	FALSE
0,062	0,303	0,001	0,007	0,065	FALSE
-0,062	0,317	-0,002	0,011	0,063	FALSE
0,116	0,303	0,005	0,013	0,165	FALSE
0,138	0,295	0,006	0,012	0,200	FALSE
0,089	0,320	0,004	0,013	0,114	FALSE
0,103	0,303	0,002	0,009	0,094	FALSE
0,046	0,302	0,001	0,008	0,063	FALSE
0,041	0,312	0,002	0,013	0,061	FALSE
0,002	0,311	0,000	0,007	0,024	FALSE
0,188	0,306	0,004	0,006	0,273	FALSE
0,174	0,305	0,008	0,013	0,253	FALSE
-0,018	0,315	0,000	0,008	0,015	FALSE
0,008	0,307	0,000	0,007	0,018	FALSE
-0,118	0,302	-0,002	0,007	0,120	FALSE
0,023	0,321	0,001	0,013	0,030	FALSE
0,062	0,302	0,002	0,007	0,090	FALSE
-0,099	0,304	-0,003	0,010	0,112	FALSE
-0,032	0,304	-0,002	0,011	0,071	FALSE

0,157	0,302	0,005	0,009	0,227	FALSE
-0,063	0,306	-0,002	0,009	0,098	FALSE
-0,046	0,301	-0,002	0,009	0,064	FALSE
-0,051	0,324	-0,002	0,012	0,052	FALSE
-0,092	0,313	-0,002	0,007	0,119	FALSE
0,116	0,304	0,006	0,013	0,203	FALSE
0,014	0,302	0,001	0,012	0,039	FALSE
-0,110	0,290	-0,003	0,008	0,161	FALSE
-0,098	0,303	-0,004	0,011	0,139	FALSE
-0,012	0,322	-0,001	0,013	0,016	FALSE
0,033	0,287	0,002	0,012	0,053	FALSE
-0,036	0,277	-0,002	0,012	0,047	FALSE
-0,056	0,300	-0,002	0,012	0,063	FALSE
0,019	0,311	0,000	0,012	0,008	FALSE
0,087	0,311	0,003	0,012	0,109	FALSE
-0,140	0,290	-0,004	0,007	0,213	FALSE
-0,007	0,315	0,000	0,011	0,013	FALSE
-0,014	0,290	-0,001	0,009	0,048	FALSE
0,063	0,302	0,002	0,007	0,114	FALSE
0,098	0,304	0,003	0,009	0,148	FALSE
-0,062	0,316	-0,003	0,011	0,084	FALSE
0,023	0,310	0,001	0,007	0,041	FALSE
0,160	0,312	0,004	0,007	0,237	FALSE
0,178	0,301	0,006	0,011	0,220	FALSE
-0,065	0,319	-0,003	0,013	0,081	FALSE
-0,029	0,320	-0,001	0,008	0,022	FALSE
0,005	0,322	0,000	0,012	0,005	FALSE
0,046	0,302	0,001	0,007	0,040	FALSE
-0,101	0,310	-0,004	0,009	0,174	FALSE
0,000	0,310	0,000	0,013	0,010	FALSE
0,070	0,314	0,002	0,007	0,093	FALSE
0,015	0,312	0,001	0,006	0,029	FALSE
-0,021	0,305	0,000	0,006	0,020	FALSE
-0,100	0,315	-0,004	0,012	0,113	FALSE
-0,023	0,304	0,000	0,012	0,007	FALSE
-0,104	0,303	-0,004	0,010	0,142	FALSE
-0,048	0,312	-0,002	0,013	0,043	FALSE
-0,072	0,319	-0,002	0,011	0,076	FALSE
0,093	0,309	0,003	0,011	0,113	FALSE
0,065	0,302	0,001	0,008	0,046	FALSE
0,004	0,319	0,001	0,010	0,019	FALSE
0,068	0,305	0,003	0,011	0,099	FALSE
0,122	0,292	0,004	0,010	0,185	FALSE
0,123	0,310	0,004	0,010	0,169	FALSE
-0,029	0,301	-0,001	0,011	0,033	FALSE
0,043	0,296	0,002	0,006	0,110	FALSE
0,100	0,298	0,005	0,011	0,185	FALSE
0,093	0,290	0,003	0,006	0,178	FALSE
-0,103	0,310	-0,003	0,008	0,132	FALSE
-0,027	0,312	-0,001	0,008	0,054	FALSE
0,008	0,296	0,000	0,009	0,012	FALSE
-0,033	0,304	-0,001	0,009	0,057	FALSE
-0,095	0,308	-0,003	0,007	0,153	FALSE

0,054	0,305	0,001	0,009	0,061	FALSE
0,068	0,311	0,002	0,008	0,108	FALSE
0,009	0,299	0,000	0,008	0,004	FALSE
0,084	0,312	0,003	0,009	0,115	FALSE
-0,081	0,311	-0,002	0,007	0,082	FALSE
0,047	0,304	0,001	0,012	0,036	FALSE
0,115	0,309	0,004	0,012	0,124	FALSE
0,015	0,306	0,000	0,009	0,019	FALSE
0,094	0,318	0,005	0,013	0,144	FALSE
-0,116	0,307	-0,003	0,009	0,153	FALSE
0,162	0,306	0,007	0,013	0,215	FALSE
0,062	0,296	0,002	0,010	0,064	FALSE
0,087	0,294	0,005	0,012	0,172	FALSE
0,002	0,310	0,000	0,010	0,011	FALSE
-0,016	0,305	0,000	0,011	0,003	FALSE
-0,037	0,288	-0,001	0,012	0,027	FALSE
-0,071	0,308	-0,002	0,011	0,075	FALSE
-0,021	0,321	0,000	0,010	0,000	FALSE
0,005	0,307	-0,001	0,010	0,030	FALSE
-0,066	0,300	-0,002	0,010	0,060	FALSE
0,025	0,295	0,001	0,007	0,033	FALSE
-0,070	0,298	-0,002	0,009	0,079	FALSE
-0,031	0,298	-0,002	0,013	0,062	FALSE
-0,005	0,302	0,000	0,010	0,009	FALSE
0,084	0,295	0,003	0,010	0,111	FALSE
-0,026	0,302	-0,001	0,010	0,030	FALSE
0,100	0,312	0,002	0,007	0,136	FALSE
-0,055	0,313	-0,002	0,013	0,049	FALSE
0,020	0,306	0,001	0,008	0,030	FALSE
-0,029	0,310	-0,001	0,011	0,043	FALSE
0,123	0,297	0,005	0,012	0,195	FALSE
-0,039	0,308	-0,001	0,013	0,042	FALSE
-0,036	0,321	-0,001	0,013	0,033	FALSE
-0,008	0,304	0,000	0,011	0,008	FALSE
0,003	0,312	0,000	0,007	0,007	FALSE
-0,043	0,304	-0,001	0,010	0,045	FALSE
0,114	0,298	0,005	0,012	0,145	FALSE
0,060	0,320	0,002	0,010	0,068	FALSE
0,008	0,315	0,000	0,012	0,003	FALSE
-0,034	0,301	0,000	0,010	0,005	FALSE
-0,043	0,319	-0,001	0,007	0,051	FALSE
0,181	0,289	0,007	0,011	0,283	FALSE
-0,154	0,300	-0,004	0,008	0,231	FALSE
-0,137	0,319	-0,003	0,008	0,188	FALSE
-0,143	0,309	-0,003	0,007	0,202	FALSE
-0,140	0,304	-0,005	0,013	0,168	FALSE
-0,054	0,301	-0,001	0,012	0,034	FALSE
-0,020	0,297	0,000	0,007	0,024	FALSE
0,030	0,303	0,001	0,008	0,029	FALSE
-0,008	0,293	-0,001	0,012	0,016	FALSE
0,086	0,302	0,003	0,011	0,109	FALSE
0,067	0,294	0,003	0,011	0,086	FALSE
-0,002	0,296	0,001	0,011	0,024	FALSE

0,066	0,298	0,003	0,008	0,139	FALSE
0,074	0,312	0,001	0,007	0,068	FALSE
0,092	0,291	0,004	0,009	0,154	FALSE
0,092	0,313	0,002	0,009	0,094	FALSE
-0,080	0,297	-0,003	0,009	0,115	FALSE
-0,040	0,302	-0,001	0,009	0,046	FALSE
-0,036	0,299	-0,001	0,008	0,029	FALSE
-0,050	0,316	-0,001	0,007	0,058	FALSE
0,039	0,300	0,000	0,007	0,002	FALSE
0,042	0,301	0,000	0,007	0,022	FALSE
-0,086	0,305	-0,002	0,008	0,095	FALSE
0,078	0,295	0,003	0,012	0,104	FALSE
-0,005	0,309	0,000	0,008	0,004	FALSE
-0,148	0,311	-0,005	0,009	0,222	FALSE
-0,035	0,302	-0,001	0,012	0,039	FALSE
-0,014	0,313	0,000	0,008	0,017	FALSE
-0,061	0,286	-0,002	0,010	0,071	FALSE
-0,078	0,312	-0,002	0,007	0,080	FALSE
-0,075	0,320	-0,002	0,008	0,103	FALSE
0,035	0,316	0,001	0,010	0,037	FALSE
-0,095	0,314	-0,004	0,010	0,138	FALSE
-0,041	0,311	-0,002	0,011	0,067	FALSE
0,060	0,313	0,003	0,013	0,087	FALSE
0,094	0,312	0,004	0,013	0,131	FALSE
-0,062	0,318	-0,001	0,012	0,043	FALSE
0,036	0,287	0,001	0,006	0,087	FALSE
-0,087	0,315	-0,003	0,012	0,113	FALSE
0,002	0,313	0,000	0,009	0,009	FALSE
-0,011	0,292	0,000	0,008	0,020	FALSE
-0,060	0,290	-0,002	0,012	0,071	FALSE
-0,059	0,300	-0,001	0,006	0,086	FALSE
-0,031	0,297	-0,001	0,010	0,050	FALSE
0,083	0,317	0,002	0,009	0,104	FALSE
0,044	0,301	0,001	0,012	0,043	FALSE
-0,031	0,317	-0,001	0,008	0,046	FALSE
0,026	0,312	0,001	0,009	0,039	FALSE
0,011	0,309	0,000	0,012	0,006	FALSE
-0,085	0,307	-0,003	0,012	0,113	FALSE
0,002	0,309	0,000	0,008	0,008	FALSE
-0,045	0,299	-0,001	0,006	0,060	FALSE
0,125	0,307	0,003	0,007	0,191	FALSE
0,159	0,293	0,004	0,007	0,211	FALSE
-0,186	0,294	-0,008	0,012	0,275	FALSE
-0,065	0,314	-0,002	0,008	0,113	FALSE
-0,051	0,302	-0,002	0,010	0,088	FALSE
0,081	0,315	0,003	0,013	0,090	FALSE
0,010	0,297	0,000	0,006	0,011	FALSE
-0,165	0,301	-0,004	0,008	0,206	FALSE
-0,006	0,318	0,000	0,010	0,003	FALSE
-0,112	0,295	-0,005	0,012	0,182	FALSE
-0,148	0,312	-0,006	0,010	0,250	FALSE
-0,080	0,312	-0,002	0,008	0,078	FALSE
-0,054	0,311	-0,001	0,008	0,037	FALSE

-0,038	0,311	-0,001	0,007	0,033	FALSE
-0,074	0,301	-0,004	0,012	0,129	FALSE
-0,060	0,310	-0,002	0,009	0,072	FALSE
-0,078	0,294	-0,002	0,012	0,071	FALSE
-0,031	0,312	-0,001	0,010	0,052	FALSE
0,177	0,305	0,006	0,009	0,285	FALSE
0,141	0,310	0,005	0,013	0,164	FALSE
-0,107	0,308	-0,004	0,013	0,126	FALSE
0,027	0,307	0,000	0,009	0,014	FALSE
0,054	0,301	0,001	0,010	0,038	FALSE
-0,016	0,310	-0,001	0,010	0,030	FALSE
0,092	0,316	0,004	0,013	0,140	FALSE
-0,046	0,300	-0,002	0,012	0,049	FALSE
0,095	0,302	0,003	0,013	0,103	FALSE
0,047	0,296	0,001	0,007	0,052	FALSE
0,064	0,300	0,001	0,007	0,069	FALSE
0,076	0,316	0,002	0,009	0,101	FALSE
0,056	0,310	0,002	0,011	0,064	FALSE
0,035	0,317	0,001	0,010	0,055	FALSE
0,154	0,305	0,004	0,007	0,210	FALSE
-0,059	0,314	-0,001	0,007	0,052	FALSE
0,048	0,290	0,001	0,007	0,071	FALSE
-0,105	0,299	-0,003	0,008	0,145	FALSE
-0,135	0,317	-0,003	0,009	0,147	FALSE
0,225	0,309	0,007	0,010	0,350	FALSE
0,205	0,296	0,005	0,007	0,312	FALSE
0,013	0,305	0,001	0,011	0,016	FALSE
0,112	0,311	0,003	0,007	0,153	FALSE
0,140	0,312	0,004	0,008	0,208	FALSE
0,031	0,315	0,001	0,009	0,054	FALSE
-0,075	0,304	-0,002	0,008	0,083	FALSE
-0,028	0,298	-0,002	0,009	0,072	FALSE
0,042	0,315	0,001	0,007	0,069	FALSE
0,015	0,307	0,001	0,007	0,031	FALSE
0,086	0,299	0,002	0,008	0,092	FALSE
-0,111	0,303	-0,002	0,008	0,106	FALSE
-0,095	0,308	-0,003	0,010	0,098	FALSE
0,082	0,318	0,002	0,009	0,068	FALSE
-0,144	0,311	-0,005	0,011	0,182	FALSE
0,099	0,301	0,004	0,009	0,153	FALSE
-0,042	0,299	-0,002	0,009	0,089	FALSE
0,060	0,294	0,003	0,012	0,098	FALSE
-0,074	0,312	-0,002	0,007	0,089	FALSE
-0,042	0,304	-0,001	0,008	0,065	FALSE
-0,169	0,315	-0,005	0,009	0,250	FALSE
0,137	0,304	0,004	0,010	0,157	FALSE
-0,038	0,319	0,000	0,011	0,016	FALSE
0,052	0,303	0,002	0,012	0,059	FALSE
-0,128	0,307	-0,005	0,012	0,162	FALSE
-0,124	0,300	-0,005	0,012	0,168	FALSE
-0,044	0,316	-0,001	0,013	0,038	FALSE
-0,057	0,299	-0,001	0,007	0,054	FALSE
0,008	0,321	0,001	0,012	0,032	FALSE

0,039	0,316	0,002	0,011	0,078	FALSE
0,033	0,324	0,001	0,009	0,022	FALSE
0,058	0,311	0,001	0,008	0,038	FALSE
0,023	0,312	0,000	0,008	0,015	FALSE
-0,031	0,298	0,000	0,007	0,016	FALSE
-0,158	0,289	-0,006	0,012	0,208	FALSE
0,056	0,303	0,001	0,008	0,063	FALSE
0,015	0,310	0,000	0,007	0,009	FALSE
0,044	0,320	0,002	0,008	0,078	FALSE
-0,118	0,299	-0,006	0,012	0,184	FALSE
-0,013	0,319	-0,001	0,010	0,039	FALSE
-0,007	0,300	0,000	0,011	0,004	FALSE
0,012	0,310	0,001	0,012	0,038	FALSE
-0,053	0,314	-0,002	0,011	0,082	FALSE
0,035	0,302	0,001	0,006	0,028	FALSE
-0,078	0,316	-0,002	0,008	0,072	FALSE
0,077	0,298	0,003	0,008	0,130	FALSE
0,024	0,306	0,001	0,012	0,025	FALSE
0,042	0,310	0,002	0,008	0,093	FALSE
0,052	0,301	0,002	0,010	0,077	FALSE
-0,085	0,323	-0,002	0,007	0,095	FALSE
-0,068	0,314	-0,002	0,010	0,094	FALSE
0,001	0,318	0,000	0,008	0,003	FALSE
0,016	0,310	0,000	0,007	0,005	FALSE
-0,065	0,305	-0,005	0,013	0,139	FALSE
-0,031	0,294	-0,001	0,010	0,050	FALSE
-0,041	0,307	-0,002	0,010	0,067	FALSE
-0,070	0,307	-0,002	0,007	0,111	FALSE
-0,037	0,309	-0,001	0,010	0,037	FALSE
-0,066	0,313	-0,002	0,010	0,066	FALSE
-0,021	0,306	-0,001	0,007	0,037	FALSE
0,083	0,298	0,002	0,006	0,099	FALSE
0,017	0,312	0,001	0,007	0,029	FALSE
-0,088	0,279	-0,002	0,006	0,144	FALSE
0,007	0,304	0,000	0,006	0,018	FALSE
-0,086	0,309	-0,003	0,009	0,129	FALSE
-0,098	0,309	-0,003	0,009	0,138	FALSE
0,044	0,310	0,002	0,009	0,079	FALSE
-0,029	0,324	-0,001	0,008	0,048	FALSE
0,027	0,302	0,000	0,012	0,014	FALSE
0,093	0,302	0,002	0,008	0,082	FALSE
0,008	0,324	0,000	0,007	0,007	FALSE
0,033	0,302	0,001	0,009	0,059	FALSE
0,014	0,288	0,001	0,008	0,045	FALSE
0,059	0,304	0,002	0,008	0,109	FALSE
-0,005	0,307	0,000	0,013	0,006	FALSE
0,204	0,293	0,004	0,007	0,248	FALSE
0,178	0,298	0,003	0,007	0,226	FALSE
-0,011	0,309	0,000	0,008	0,011	FALSE
-0,052	0,333	-0,001	0,007	0,067	FALSE
-0,151	0,309	-0,004	0,010	0,183	FALSE
0,074	0,288	0,003	0,008	0,134	FALSE
-0,143	0,305	-0,005	0,010	0,202	FALSE

0,034	0,299	0,001	0,010	0,054	FALSE
-0,027	0,304	-0,001	0,007	0,042	FALSE
-0,017	0,316	0,000	0,012	0,008	FALSE
0,046	0,318	0,002	0,008	0,070	FALSE
-0,026	0,316	-0,001	0,011	0,037	FALSE
-0,018	0,306	-0,001	0,010	0,021	FALSE
0,086	0,311	0,003	0,008	0,132	FALSE
0,039	0,301	0,002	0,012	0,057	FALSE
0,120	0,302	0,004	0,013	0,133	FALSE
-0,003	0,306	0,001	0,010	0,023	FALSE
0,046	0,313	0,002	0,009	0,074	FALSE
0,010	0,305	0,001	0,010	0,021	FALSE
-0,041	0,298	-0,001	0,008	0,055	FALSE
0,063	0,324	0,003	0,012	0,092	FALSE
0,058	0,307	0,002	0,010	0,070	FALSE
-0,074	0,300	-0,003	0,012	0,084	FALSE
0,036	0,311	0,001	0,012	0,035	FALSE
0,002	0,319	0,000	0,012	0,005	FALSE
0,038	0,308	0,001	0,008	0,030	FALSE
0,019	0,301	0,000	0,010	0,017	FALSE
0,074	0,311	0,002	0,007	0,099	FALSE
-0,042	0,314	-0,001	0,009	0,051	FALSE
-0,076	0,293	-0,002	0,009	0,107	FALSE
-0,054	0,326	-0,001	0,007	0,062	FALSE
-0,045	0,302	-0,001	0,006	0,056	FALSE
-0,024	0,308	-0,001	0,007	0,027	FALSE
-0,039	0,317	-0,002	0,011	0,059	FALSE
-0,034	0,303	-0,001	0,009	0,039	FALSE
-0,060	0,308	-0,002	0,009	0,079	FALSE
0,102	0,299	0,006	0,013	0,177	FALSE
-0,089	0,310	-0,002	0,007	0,149	FALSE
0,067	0,307	0,003	0,011	0,112	FALSE
0,077	0,315	0,003	0,013	0,090	FALSE
0,062	0,310	0,002	0,011	0,072	FALSE
-0,002	0,319	0,001	0,009	0,032	FALSE
-0,009	0,296	0,000	0,010	0,013	FALSE
0,056	0,301	0,002	0,009	0,075	FALSE
0,075	0,312	0,003	0,013	0,096	FALSE
-0,043	0,310	-0,001	0,009	0,029	FALSE
-0,100	0,304	-0,002	0,007	0,135	FALSE
0,046	0,318	0,002	0,009	0,061	FALSE
-0,031	0,308	0,000	0,006	0,010	FALSE
-0,019	0,313	0,000	0,012	0,006	FALSE
0,045	0,311	0,001	0,007	0,054	FALSE
0,061	0,307	0,001	0,013	0,035	FALSE
0,063	0,308	0,002	0,012	0,045	FALSE
0,041	0,304	0,002	0,012	0,048	FALSE
0,019	0,304	0,000	0,013	0,002	FALSE
0,141	0,307	0,004	0,011	0,172	FALSE
0,105	0,299	0,003	0,011	0,110	FALSE
0,100	0,293	0,003	0,011	0,105	FALSE
-0,064	0,302	-0,001	0,007	0,067	FALSE
0,079	0,320	0,002	0,008	0,092	FALSE

-0,042	0,295	-0,001	0,006	0,031	FALSE
0,069	0,299	0,002	0,007	0,091	FALSE
-0,040	0,307	-0,001	0,007	0,033	FALSE
0,096	0,309	0,004	0,012	0,141	FALSE
-0,043	0,294	-0,001	0,007	0,037	FALSE
-0,124	0,289	-0,002	0,007	0,144	FALSE
0,038	0,307	0,001	0,007	0,063	FALSE
0,047	0,310	0,002	0,011	0,055	FALSE
0,019	0,291	-0,001	0,010	0,034	FALSE
0,032	0,298	0,001	0,008	0,042	FALSE
0,095	0,316	0,004	0,011	0,124	FALSE
-0,016	0,301	-0,001	0,011	0,029	FALSE
0,005	0,307	0,000	0,010	0,005	FALSE
-0,134	0,308	-0,005	0,009	0,232	FALSE
-0,019	0,308	-0,001	0,010	0,030	FALSE
-0,062	0,303	-0,001	0,007	0,063	FALSE
0,151	0,305	0,005	0,010	0,206	FALSE
-0,006	0,302	-0,001	0,007	0,028	FALSE
-0,076	0,302	-0,002	0,008	0,088	FALSE
0,061	0,309	0,001	0,006	0,068	FALSE
-0,051	0,309	-0,001	0,008	0,047	FALSE
-0,088	0,304	-0,002	0,007	0,107	FALSE
-0,076	0,300	-0,002	0,009	0,071	FALSE
-0,022	0,297	0,000	0,010	0,002	FALSE
-0,035	0,300	0,000	0,010	0,013	FALSE
-0,010	0,310	0,000	0,007	0,019	FALSE
-0,039	0,323	-0,001	0,011	0,030	FALSE
-0,004	0,289	0,001	0,007	0,048	FALSE
0,061	0,322	0,001	0,008	0,039	FALSE
0,140	0,296	0,007	0,013	0,241	FALSE
0,108	0,292	0,005	0,012	0,178	FALSE
0,184	0,302	0,005	0,008	0,265	FALSE
-0,080	0,310	-0,003	0,013	0,106	FALSE
0,226	0,290	0,007	0,010	0,346	FALSE
-0,012	0,305	-0,001	0,007	0,037	FALSE
-0,020	0,305	-0,001	0,008	0,036	FALSE
-0,012	0,312	0,001	0,012	0,019	FALSE
-0,032	0,301	-0,001	0,008	0,048	FALSE
0,072	0,306	0,002	0,009	0,101	FALSE
-0,043	0,313	-0,001	0,007	0,042	FALSE
0,033	0,310	0,001	0,009	0,030	FALSE
0,153	0,313	0,006	0,011	0,228	FALSE
-0,154	0,313	-0,004	0,009	0,201	FALSE
-0,058	0,301	-0,002	0,008	0,107	FALSE
0,057	0,311	0,002	0,008	0,075	FALSE
0,052	0,304	0,001	0,006	0,045	FALSE
0,055	0,302	0,001	0,007	0,043	FALSE
-0,023	0,297	-0,001	0,008	0,041	FALSE
0,051	0,312	0,002	0,009	0,067	FALSE
0,153	0,310	0,004	0,007	0,209	FALSE
-0,011	0,325	-0,001	0,007	0,036	FALSE
-0,033	0,308	-0,002	0,013	0,055	FALSE
-0,092	0,298	-0,002	0,007	0,108	FALSE

-0,011	0,309	-0,001	0,013	0,028	FALSE
-0,033	0,307	-0,001	0,012	0,037	FALSE
-0,129	0,295	-0,007	0,013	0,219	FALSE
-0,026	0,303	-0,001	0,008	0,033	FALSE
-0,025	0,302	-0,001	0,009	0,024	FALSE
-0,058	0,303	-0,002	0,009	0,087	FALSE
0,002	0,315	-0,001	0,013	0,019	FALSE
0,056	0,302	0,002	0,010	0,059	FALSE
-0,027	0,297	-0,002	0,013	0,056	FALSE
0,184	0,297	0,004	0,007	0,236	FALSE
0,093	0,304	0,002	0,008	0,088	FALSE
0,009	0,306	0,000	0,007	0,012	FALSE
0,165	0,302	0,006	0,010	0,254	FALSE
-0,056	0,309	-0,001	0,011	0,045	FALSE
-0,048	0,306	0,000	0,007	0,023	FALSE
0,052	0,293	0,001	0,006	0,061	FALSE
-0,051	0,316	-0,002	0,010	0,081	FALSE
0,123	0,304	0,003	0,008	0,157	FALSE
-0,027	0,306	-0,001	0,009	0,041	FALSE
-0,040	0,317	-0,002	0,010	0,067	FALSE
-0,019	0,310	-0,001	0,009	0,027	FALSE
-0,039	0,310	-0,002	0,009	0,069	FALSE
-0,029	0,293	-0,001	0,009	0,051	FALSE
-0,056	0,301	-0,002	0,009	0,087	FALSE
0,135	0,305	0,003	0,008	0,166	FALSE
-0,021	0,313	-0,001	0,007	0,043	FALSE
-0,095	0,316	-0,002	0,008	0,110	FALSE
0,149	0,302	0,006	0,012	0,218	FALSE
-0,036	0,302	0,000	0,008	0,019	FALSE
-0,007	0,300	0,000	0,007	0,006	FALSE
0,068	0,300	0,003	0,013	0,096	FALSE
0,089	0,298	0,002	0,008	0,109	FALSE
0,002	0,298	0,000	0,008	0,022	FALSE
0,000	0,302	-0,001	0,013	0,029	FALSE
0,019	0,311	0,000	0,013	0,009	FALSE
0,011	0,316	0,000	0,013	0,005	FALSE
0,018	0,307	0,001	0,008	0,025	FALSE
-0,090	0,303	-0,003	0,009	0,125	FALSE
0,077	0,291	0,002	0,007	0,103	FALSE
0,048	0,309	0,001	0,007	0,035	FALSE
0,078	0,306	0,002	0,012	0,055	FALSE
-0,084	0,314	-0,002	0,007	0,109	FALSE
-0,052	0,310	-0,001	0,009	0,047	FALSE
0,002	0,303	0,000	0,008	0,017	FALSE
-0,055	0,304	-0,001	0,007	0,062	FALSE
0,106	0,304	0,003	0,008	0,125	FALSE
-0,058	0,303	-0,003	0,010	0,111	FALSE
-0,056	0,309	-0,002	0,011	0,078	FALSE
-0,035	0,309	-0,002	0,011	0,058	FALSE
-0,022	0,322	0,000	0,014	0,011	FALSE
-0,047	0,313	-0,001	0,007	0,036	FALSE
0,024	0,307	0,001	0,006	0,046	FALSE
0,004	0,297	0,000	0,011	0,007	FALSE

0,045	0,312	0,001	0,008	0,033	FALSE
-0,082	0,291	-0,003	0,009	0,121	FALSE
0,012	0,318	0,001	0,012	0,021	FALSE
0,020	0,299	0,002	0,013	0,046	FALSE
-0,055	0,307	-0,003	0,012	0,078	FALSE
0,088	0,316	0,001	0,007	0,084	FALSE
0,049	0,302	0,000	0,006	0,028	FALSE
0,003	0,311	0,000	0,009	0,005	FALSE
0,012	0,313	0,001	0,010	0,032	FALSE
-0,051	0,300	-0,002	0,010	0,069	FALSE
0,040	0,295	0,002	0,008	0,072	FALSE
-0,085	0,310	-0,003	0,008	0,134	FALSE
-0,053	0,315	-0,002	0,010	0,061	FALSE
-0,008	0,304	0,000	0,007	0,012	FALSE
0,007	0,306	0,000	0,009	0,014	FALSE
0,052	0,317	0,002	0,012	0,067	FALSE
-0,104	0,311	-0,003	0,007	0,161	FALSE
0,058	0,322	0,002	0,012	0,055	FALSE
0,071	0,303	0,002	0,012	0,073	FALSE
0,081	0,315	0,002	0,012	0,080	FALSE
0,102	0,306	0,003	0,011	0,116	FALSE
0,179	0,284	0,004	0,007	0,276	FALSE
0,011	0,314	0,000	0,007	0,013	FALSE
0,044	0,310	0,001	0,008	0,066	FALSE
-0,029	0,293	-0,002	0,011	0,073	FALSE
0,031	0,304	0,001	0,008	0,026	FALSE
-0,041	0,314	-0,001	0,008	0,058	FALSE
0,083	0,308	0,003	0,013	0,093	FALSE
-0,003	0,310	0,000	0,008	0,016	FALSE
0,025	0,309	0,001	0,010	0,022	FALSE
0,007	0,303	0,000	0,007	0,017	FALSE
0,039	0,321	0,001	0,013	0,029	FALSE
-0,067	0,295	-0,002	0,011	0,081	FALSE
-0,038	0,300	-0,002	0,012	0,080	FALSE
-0,039	0,303	-0,001	0,008	0,038	FALSE
0,008	0,301	0,000	0,008	0,005	FALSE
-0,084	0,318	-0,003	0,009	0,107	FALSE
-0,046	0,309	-0,001	0,013	0,041	FALSE
-0,013	0,305	0,000	0,007	0,008	FALSE
-0,076	0,314	-0,003	0,010	0,112	FALSE
0,110	0,291	0,003	0,009	0,152	FALSE
0,055	0,300	0,003	0,008	0,125	FALSE
0,027	0,316	0,001	0,010	0,032	FALSE
0,014	0,287	0,001	0,012	0,035	FALSE
-0,124	0,308	-0,003	0,008	0,158	FALSE
-0,133	0,301	-0,003	0,007	0,152	FALSE
-0,123	0,305	-0,003	0,008	0,146	FALSE
0,047	0,304	0,002	0,007	0,087	FALSE
-0,048	0,287	-0,001	0,008	0,042	FALSE
0,018	0,309	0,000	0,010	0,008	FALSE
0,090	0,315	0,003	0,008	0,121	FALSE
0,050	0,312	0,002	0,011	0,081	FALSE
0,004	0,313	0,000	0,007	0,009	FALSE

-0,115	0,324	-0,002	0,007	0,133	FALSE
-0,052	0,305	-0,002	0,012	0,055	FALSE
0,170	0,296	0,006	0,009	0,271	FALSE
0,003	0,301	0,000	0,006	0,018	FALSE
-0,012	0,301	-0,001	0,012	0,022	FALSE
0,017	0,291	0,001	0,010	0,031	FALSE
-0,021	0,316	-0,001	0,012	0,044	FALSE
0,020	0,303	0,000	0,010	0,012	FALSE
0,019	0,316	0,001	0,009	0,031	FALSE
-0,102	0,312	-0,003	0,013	0,093	FALSE
-0,120	0,316	-0,005	0,012	0,164	FALSE
0,006	0,291	0,000	0,006	0,005	FALSE
0,042	0,315	0,001	0,011	0,025	FALSE
-0,147	0,300	-0,003	0,006	0,192	FALSE
-0,072	0,306	-0,002	0,010	0,077	FALSE
-0,064	0,322	-0,002	0,010	0,082	FALSE
0,060	0,295	0,002	0,008	0,092	FALSE
-0,140	0,307	-0,003	0,007	0,158	FALSE
0,010	0,316	0,000	0,009	0,001	FALSE
0,009	0,319	0,000	0,009	0,005	FALSE
0,013	0,305	0,000	0,009	0,008	FALSE
0,091	0,315	0,003	0,010	0,109	FALSE
-0,093	0,311	-0,002	0,008	0,100	FALSE
0,135	0,293	0,004	0,009	0,164	FALSE
-0,025	0,306	-0,001	0,013	0,028	FALSE
0,006	0,314	0,001	0,008	0,023	FALSE
0,012	0,301	0,000	0,010	0,010	FALSE
-0,016	0,310	-0,001	0,012	0,045	FALSE
-0,010	0,317	-0,001	0,012	0,042	FALSE
0,069	0,315	0,002	0,013	0,047	FALSE
-0,176	0,314	-0,003	0,007	0,206	FALSE
0,082	0,311	0,003	0,009	0,110	FALSE
-0,066	0,305	-0,002	0,008	0,073	FALSE
0,038	0,306	0,001	0,007	0,069	FALSE
-0,113	0,303	-0,005	0,011	0,187	FALSE
-0,030	0,334	-0,001	0,007	0,040	FALSE
-0,008	0,289	-0,001	0,009	0,042	FALSE
0,048	0,301	0,003	0,011	0,094	FALSE
0,012	0,301	0,001	0,011	0,040	FALSE
0,027	0,305	0,001	0,007	0,027	FALSE
0,056	0,307	0,001	0,011	0,042	FALSE
-0,001	0,315	0,000	0,009	0,000	FALSE
-0,003	0,302	0,000	0,010	0,000	FALSE
-0,056	0,307	-0,002	0,007	0,081	FALSE
0,013	0,304	0,001	0,009	0,028	FALSE
0,007	0,304	0,000	0,010	0,013	FALSE
-0,042	0,312	-0,001	0,008	0,056	FALSE
-0,074	0,302	-0,002	0,007	0,091	FALSE
0,075	0,295	0,002	0,008	0,075	FALSE
-0,063	0,318	-0,002	0,012	0,068	FALSE
0,067	0,302	0,003	0,009	0,114	FALSE
-0,046	0,309	-0,001	0,008	0,057	FALSE
-0,016	0,310	-0,001	0,011	0,023	FALSE

-0,126	0,309	-0,003	0,008	0,141	FALSE
0,080	0,306	0,003	0,009	0,127	FALSE
0,081	0,313	0,003	0,011	0,100	FALSE
0,090	0,305	0,003	0,010	0,098	FALSE
-0,038	0,325	0,000	0,008	0,017	FALSE
-0,079	0,321	-0,002	0,007	0,091	FALSE
-0,035	0,293	-0,001	0,008	0,043	FALSE
-0,135	0,298	-0,005	0,013	0,168	FALSE
0,125	0,296	0,004	0,008	0,179	FALSE
-0,078	0,296	-0,003	0,010	0,138	FALSE
-0,031	0,315	-0,001	0,008	0,045	FALSE
0,048	0,320	0,001	0,007	0,047	FALSE
-0,083	0,311	-0,001	0,007	0,072	FALSE
-0,090	0,280	-0,002	0,006	0,136	FALSE
0,057	0,297	0,002	0,008	0,090	FALSE
-0,101	0,283	-0,004	0,011	0,143	FALSE
0,075	0,302	0,002	0,008	0,071	FALSE
-0,070	0,318	-0,001	0,006	0,063	FALSE
-0,063	0,301	-0,002	0,007	0,083	FALSE
0,024	0,299	0,001	0,006	0,053	FALSE
0,037	0,298	0,000	0,009	0,008	FALSE
0,008	0,302	0,000	0,008	0,020	FALSE
0,037	0,319	0,001	0,007	0,051	FALSE
-0,012	0,313	0,000	0,012	0,008	FALSE
-0,045	0,315	-0,002	0,012	0,056	FALSE
0,069	0,309	0,002	0,007	0,103	FALSE
-0,049	0,315	-0,002	0,009	0,067	FALSE
0,009	0,299	0,001	0,012	0,029	FALSE
0,101	0,307	0,003	0,009	0,125	FALSE
0,136	0,297	0,004	0,009	0,169	FALSE
-0,021	0,296	0,000	0,011	0,014	FALSE
-0,044	0,315	-0,001	0,011	0,040	FALSE
-0,022	0,312	-0,001	0,011	0,020	FALSE
0,106	0,306	0,003	0,008	0,125	FALSE
0,031	0,311	0,000	0,013	0,002	FALSE
0,016	0,294	0,001	0,008	0,028	FALSE
0,026	0,310	0,001	0,008	0,034	FALSE
0,063	0,304	0,002	0,010	0,072	FALSE
-0,107	0,317	-0,002	0,006	0,109	FALSE
0,061	0,303	0,002	0,007	0,096	FALSE
0,090	0,320	0,003	0,009	0,112	FALSE
-0,039	0,310	-0,003	0,013	0,076	FALSE
0,077	0,300	0,004	0,013	0,103	FALSE
0,027	0,301	0,001	0,007	0,073	FALSE
-0,084	0,315	-0,002	0,008	0,112	FALSE
-0,021	0,301	-0,001	0,012	0,017	FALSE
0,091	0,305	0,003	0,010	0,120	FALSE
0,037	0,293	0,001	0,006	0,043	FALSE
0,044	0,316	0,001	0,011	0,035	FALSE
0,028	0,307	0,001	0,007	0,061	FALSE
0,021	0,305	0,002	0,013	0,068	FALSE
0,067	0,294	0,003	0,011	0,103	FALSE
0,068	0,305	0,003	0,012	0,091	FALSE

-0,153	0,302	-0,005	0,009	0,220	FALSE
-0,046	0,312	-0,001	0,011	0,040	FALSE
0,057	0,317	0,002	0,011	0,087	FALSE
0,033	0,314	0,002	0,011	0,065	FALSE
0,021	0,296	0,001	0,013	0,031	FALSE
0,058	0,299	0,003	0,012	0,086	FALSE
-0,062	0,301	-0,001	0,008	0,052	FALSE
0,088	0,296	0,003	0,008	0,135	FALSE
0,057	0,310	0,001	0,009	0,041	FALSE
-0,010	0,302	-0,001	0,009	0,026	FALSE
-0,043	0,312	-0,001	0,007	0,041	FALSE
-0,117	0,316	-0,003	0,007	0,162	FALSE
0,070	0,300	0,002	0,010	0,071	FALSE
-0,029	0,314	-0,001	0,013	0,030	FALSE
-0,061	0,303	-0,003	0,013	0,098	FALSE
-0,095	0,302	-0,002	0,007	0,112	FALSE
-0,080	0,309	-0,003	0,012	0,096	FALSE
-0,078	0,301	-0,002	0,008	0,105	FALSE
0,028	0,307	0,001	0,010	0,030	FALSE
-0,023	0,305	0,000	0,006	0,002	FALSE
0,090	0,306	0,002	0,009	0,110	FALSE
-0,086	0,299	-0,003	0,010	0,120	FALSE
-0,070	0,303	-0,001	0,008	0,054	FALSE
-0,023	0,328	0,000	0,007	0,019	FALSE
0,026	0,313	0,001	0,013	0,020	FALSE
0,095	0,296	0,004	0,011	0,139	FALSE
-0,036	0,307	0,000	0,008	0,012	FALSE
0,147	0,299	0,003	0,008	0,169	FALSE
-0,014	0,304	0,000	0,007	0,018	FALSE
-0,090	0,311	-0,002	0,007	0,109	FALSE
0,062	0,306	0,001	0,007	0,051	FALSE
-0,007	0,314	0,001	0,012	0,020	FALSE
0,126	0,302	0,002	0,007	0,131	FALSE
-0,095	0,307	-0,002	0,008	0,105	FALSE
-0,053	0,305	-0,001	0,006	0,051	FALSE
-0,108	0,293	-0,004	0,010	0,139	FALSE
0,120	0,317	0,005	0,012	0,160	FALSE
0,039	0,312	0,000	0,007	0,015	FALSE
0,038	0,306	0,002	0,013	0,051	FALSE
0,070	0,315	0,002	0,007	0,095	FALSE
-0,062	0,305	-0,001	0,007	0,078	FALSE
-0,118	0,294	-0,003	0,008	0,150	FALSE
-0,124	0,304	-0,003	0,008	0,158	FALSE
0,098	0,305	0,002	0,006	0,111	FALSE
-0,015	0,298	-0,001	0,010	0,042	FALSE
-0,004	0,317	0,000	0,007	0,015	FALSE
0,138	0,291	0,006	0,013	0,181	FALSE
-0,168	0,310	-0,005	0,010	0,220	FALSE
-0,100	0,309	-0,002	0,007	0,096	FALSE
0,009	0,313	0,000	0,012	0,002	FALSE
-0,032	0,322	-0,001	0,008	0,042	FALSE
0,010	0,297	0,000	0,008	0,001	FALSE
-0,139	0,295	-0,004	0,008	0,201	FALSE

0,164	0,289	0,008	0,012	0,292	FALSE
-0,028	0,307	-0,001	0,007	0,069	FALSE
-0,077	0,310	-0,002	0,008	0,099	FALSE
0,039	0,297	0,001	0,010	0,028	FALSE
-0,089	0,298	-0,002	0,007	0,119	FALSE
-0,058	0,300	-0,001	0,007	0,061	FALSE
0,029	0,301	0,001	0,010	0,049	FALSE
-0,071	0,310	-0,002	0,007	0,090	FALSE
-0,060	0,313	-0,001	0,007	0,061	FALSE
-0,073	0,289	-0,001	0,007	0,082	FALSE
0,149	0,310	0,004	0,008	0,191	FALSE
0,052	0,300	0,002	0,012	0,074	FALSE
-0,042	0,306	-0,001	0,009	0,037	FALSE
-0,040	0,309	-0,002	0,012	0,060	FALSE
0,051	0,306	0,001	0,007	0,064	FALSE
0,067	0,309	0,002	0,007	0,101	FALSE
0,055	0,299	0,001	0,007	0,066	FALSE
-0,012	0,299	-0,002	0,013	0,043	FALSE
0,041	0,314	0,001	0,008	0,048	FALSE
0,047	0,306	0,002	0,008	0,070	FALSE
-0,072	0,314	-0,002	0,011	0,077	FALSE
-0,004	0,307	0,000	0,010	0,005	FALSE
-0,037	0,311	-0,001	0,011	0,041	FALSE
0,012	0,317	0,001	0,010	0,019	FALSE
0,042	0,297	0,002	0,013	0,057	FALSE
0,007	0,301	-0,001	0,013	0,026	FALSE
0,100	0,308	0,002	0,008	0,093	FALSE
-0,078	0,314	-0,002	0,010	0,094	FALSE
-0,045	0,308	-0,003	0,011	0,086	FALSE
0,069	0,318	0,001	0,007	0,072	FALSE
0,004	0,303	0,000	0,011	0,001	FALSE
0,039	0,312	0,002	0,012	0,055	FALSE
0,090	0,313	0,002	0,008	0,117	FALSE
0,018	0,277	-0,001	0,012	0,023	FALSE
0,094	0,305	0,004	0,012	0,149	FALSE
0,087	0,302	0,003	0,011	0,120	FALSE
0,044	0,311	0,002	0,012	0,051	FALSE
-0,163	0,306	-0,005	0,010	0,233	FALSE
0,038	0,306	0,001	0,009	0,037	FALSE
0,037	0,305	0,002	0,013	0,072	FALSE
-0,050	0,309	-0,002	0,011	0,054	FALSE
-0,008	0,318	0,000	0,006	0,000	FALSE
0,056	0,312	0,002	0,009	0,068	FALSE
0,073	0,312	0,003	0,012	0,086	FALSE
0,074	0,319	0,002	0,007	0,124	FALSE
0,036	0,296	0,001	0,006	0,030	FALSE
-0,089	0,311	-0,003	0,010	0,115	FALSE
-0,055	0,313	-0,001	0,008	0,065	FALSE
-0,036	0,316	-0,001	0,007	0,053	FALSE
-0,036	0,310	-0,001	0,010	0,031	FALSE
-0,053	0,321	-0,001	0,008	0,065	FALSE
0,162	0,292	0,005	0,010	0,209	FALSE
0,079	0,292	0,003	0,008	0,130	FALSE

0,178	0,302	0,008	0,012	0,284	FALSE
0,060	0,315	0,002	0,010	0,089	FALSE
0,053	0,310	0,001	0,006	0,059	FALSE
-0,003	0,310	0,001	0,013	0,020	FALSE
-0,066	0,302	-0,003	0,010	0,096	FALSE
-0,047	0,304	-0,002	0,013	0,050	FALSE
-0,106	0,305	-0,003	0,007	0,152	FALSE
0,024	0,303	0,000	0,007	0,009	FALSE
0,103	0,307	0,002	0,007	0,110	FALSE
0,052	0,318	0,001	0,008	0,040	FALSE
0,065	0,304	0,001	0,007	0,063	FALSE
-0,140	0,304	-0,005	0,010	0,179	FALSE
0,072	0,309	0,002	0,007	0,100	FALSE
-0,094	0,314	-0,003	0,010	0,112	FALSE
-0,034	0,302	0,000	0,007	0,023	FALSE
-0,039	0,312	-0,001	0,012	0,041	FALSE
-0,035	0,309	-0,001	0,011	0,037	FALSE
0,049	0,295	0,003	0,012	0,082	FALSE
-0,049	0,310	-0,002	0,012	0,044	FALSE
-0,012	0,300	-0,001	0,007	0,026	FALSE
-0,046	0,311	-0,001	0,009	0,049	FALSE
-0,014	0,316	-0,001	0,011	0,041	FALSE
-0,047	0,312	-0,002	0,013	0,062	FALSE
0,003	0,305	-0,001	0,012	0,015	FALSE
-0,015	0,305	-0,001	0,009	0,023	FALSE
-0,055	0,297	-0,001	0,006	0,076	FALSE
-0,069	0,310	-0,002	0,008	0,101	FALSE
-0,118	0,304	-0,004	0,009	0,160	FALSE
0,061	0,302	0,002	0,010	0,060	FALSE
0,019	0,293	0,001	0,007	0,039	FALSE
0,040	0,296	0,001	0,007	0,068	FALSE
0,106	0,306	0,004	0,011	0,146	FALSE
-0,003	0,299	0,000	0,012	0,005	FALSE
0,017	0,316	0,001	0,012	0,020	FALSE
0,061	0,303	0,003	0,010	0,106	FALSE
-0,040	0,315	-0,001	0,013	0,036	FALSE
-0,003	0,305	0,000	0,012	0,010	FALSE
0,005	0,297	0,000	0,009	0,017	FALSE
-0,016	0,306	0,000	0,009	0,005	FALSE
-0,046	0,292	-0,001	0,006	0,068	FALSE
0,014	0,303	0,000	0,012	0,011	FALSE
-0,086	0,301	-0,004	0,013	0,140	FALSE
-0,060	0,306	-0,001	0,007	0,075	FALSE
0,075	0,314	0,001	0,007	0,075	FALSE
-0,108	0,311	-0,004	0,012	0,129	FALSE
0,071	0,312	0,002	0,010	0,078	FALSE
0,043	0,312	0,002	0,012	0,058	FALSE
-0,003	0,304	0,000	0,008	0,004	FALSE
-0,012	0,287	0,000	0,006	0,016	FALSE
-0,057	0,306	-0,001	0,007	0,072	FALSE
0,028	0,316	0,001	0,013	0,039	FALSE
0,109	0,313	0,003	0,008	0,116	FALSE
0,008	0,317	0,001	0,010	0,020	FALSE

0,046	0,302	0,001	0,008	0,046	FALSE
0,027	0,308	0,000	0,008	0,021	FALSE
0,021	0,299	0,001	0,007	0,027	FALSE
0,009	0,306	0,000	0,011	0,012	FALSE
0,047	0,285	0,001	0,012	0,045	FALSE
-0,107	0,295	-0,004	0,013	0,134	FALSE
-0,023	0,296	-0,001	0,006	0,065	FALSE
-0,061	0,303	-0,002	0,008	0,072	FALSE
-0,047	0,306	-0,001	0,009	0,051	FALSE
0,029	0,298	0,001	0,010	0,034	FALSE
0,077	0,314	0,003	0,010	0,101	FALSE
0,018	0,311	0,000	0,012	0,013	FALSE
-0,081	0,287	-0,002	0,008	0,089	FALSE
0,172	0,302	0,006	0,010	0,257	FALSE
-0,106	0,306	-0,003	0,011	0,093	FALSE
-0,016	0,303	-0,001	0,013	0,034	FALSE
-0,037	0,315	0,000	0,008	0,014	FALSE
0,083	0,295	0,002	0,007	0,110	FALSE
-0,042	0,312	-0,002	0,008	0,076	FALSE
-0,085	0,326	-0,003	0,009	0,118	FALSE
-0,055	0,316	-0,002	0,009	0,078	FALSE
-0,035	0,284	-0,002	0,010	0,066	FALSE
-0,067	0,315	-0,001	0,007	0,074	FALSE
0,105	0,315	0,003	0,009	0,111	FALSE
0,108	0,310	0,003	0,009	0,127	FALSE
0,060	0,303	0,002	0,012	0,067	FALSE
0,087	0,287	0,001	0,006	0,082	FALSE
0,098	0,289	0,002	0,006	0,103	FALSE
-0,128	0,302	-0,005	0,011	0,193	FALSE
0,030	0,300	0,001	0,007	0,026	FALSE
0,034	0,296	0,002	0,012	0,061	FALSE
-0,006	0,307	-0,001	0,009	0,028	FALSE
0,025	0,305	0,000	0,007	0,014	FALSE
0,073	0,307	0,003	0,012	0,083	FALSE
-0,118	0,320	-0,004	0,011	0,147	FALSE
-0,100	0,321	-0,004	0,011	0,129	FALSE
-0,143	0,308	-0,005	0,010	0,203	FALSE
-0,030	0,321	-0,001	0,012	0,023	FALSE
0,084	0,297	0,002	0,012	0,074	FALSE
-0,082	0,301	-0,002	0,010	0,092	FALSE
-0,133	0,329	-0,003	0,007	0,153	FALSE
-0,041	0,307	-0,001	0,008	0,050	FALSE
0,098	0,323	0,004	0,013	0,115	FALSE
-0,078	0,308	-0,003	0,011	0,083	FALSE
0,033	0,304	0,001	0,007	0,065	FALSE
-0,074	0,316	-0,001	0,007	0,075	FALSE
0,072	0,304	0,002	0,012	0,075	FALSE
0,057	0,302	0,002	0,008	0,097	FALSE
0,122	0,305	0,004	0,009	0,174	FALSE
0,128	0,314	0,003	0,008	0,135	FALSE
0,022	0,309	0,001	0,011	0,024	FALSE
0,058	0,320	0,001	0,007	0,067	FALSE
0,067	0,304	0,001	0,007	0,073	FALSE

-0,210	0,308	-0,008	0,011	0,298	FALSE
0,069	0,299	0,003	0,008	0,127	FALSE
-0,032	0,308	0,000	0,012	0,006	FALSE
0,085	0,302	0,004	0,010	0,159	FALSE
-0,043	0,302	-0,001	0,007	0,050	FALSE
-0,074	0,303	-0,002	0,009	0,090	FALSE
0,054	0,312	0,003	0,012	0,091	FALSE
-0,101	0,321	-0,002	0,007	0,122	TRUE
-0,062	0,315	-0,002	0,011	0,065	FALSE
-0,067	0,302	-0,001	0,007	0,063	FALSE
-0,050	0,311	-0,002	0,012	0,062	FALSE
0,009	0,307	0,000	0,013	0,012	FALSE
-0,024	0,308	0,000	0,010	0,005	FALSE
-0,216	0,291	-0,005	0,006	0,337	FALSE
-0,235	0,293	-0,010	0,012	0,373	FALSE
-0,041	0,319	-0,002	0,013	0,050	FALSE
0,016	0,311	-0,001	0,012	0,029	FALSE
-0,031	0,316	-0,003	0,013	0,084	FALSE
0,059	0,306	0,002	0,009	0,087	FALSE
0,057	0,332	0,001	0,008	0,055	FALSE
-0,043	0,304	-0,002	0,013	0,058	FALSE
-0,001	0,315	0,000	0,010	0,008	FALSE
0,149	0,298	0,004	0,009	0,214	FALSE
-0,002	0,299	0,001	0,009	0,026	FALSE
-0,034	0,307	0,000	0,010	0,007	FALSE
0,036	0,312	0,001	0,006	0,073	FALSE
-0,039	0,312	-0,001	0,010	0,047	FALSE
0,006	0,311	0,000	0,008	0,005	FALSE
0,079	0,304	0,003	0,008	0,141	FALSE
0,016	0,300	0,000	0,012	0,005	FALSE
-0,017	0,301	-0,002	0,012	0,054	FALSE
-0,038	0,311	-0,001	0,010	0,046	FALSE
0,023	0,312	0,001	0,008	0,028	FALSE
-0,079	0,300	-0,002	0,010	0,081	FALSE
0,002	0,314	0,001	0,010	0,025	FALSE
0,088	0,312	0,003	0,014	0,098	FALSE
-0,065	0,304	-0,002	0,008	0,077	FALSE
0,061	0,306	0,001	0,006	0,070	FALSE
0,083	0,316	0,003	0,012	0,106	FALSE
0,042	0,297	0,001	0,009	0,053	FALSE
0,054	0,309	0,001	0,007	0,065	FALSE
-0,012	0,313	-0,001	0,009	0,029	FALSE
-0,015	0,306	0,000	0,008	0,017	FALSE
0,075	0,311	0,002	0,008	0,116	FALSE
0,034	0,313	0,001	0,007	0,044	FALSE
0,078	0,305	0,003	0,011	0,113	FALSE
-0,097	0,304	-0,003	0,009	0,116	FALSE
0,042	0,315	0,001	0,012	0,037	FALSE
-0,176	0,298	-0,005	0,008	0,255	FALSE
-0,106	0,290	-0,003	0,008	0,150	FALSE
-0,100	0,307	-0,003	0,009	0,133	FALSE
-0,101	0,297	-0,003	0,009	0,137	FALSE
-0,089	0,300	-0,002	0,009	0,106	FALSE

-0,055	0,315	-0,002	0,012	0,053	FALSE
-0,021	0,303	0,000	0,007	0,013	FALSE
-0,084	0,289	-0,002	0,006	0,099	FALSE
0,111	0,288	0,002	0,007	0,124	FALSE
0,083	0,303	0,002	0,012	0,075	FALSE
-0,072	0,298	-0,002	0,008	0,095	FALSE
0,086	0,301	0,003	0,010	0,123	FALSE
0,057	0,301	0,001	0,007	0,059	FALSE
-0,092	0,300	-0,002	0,008	0,117	FALSE
-0,001	0,312	0,000	0,010	0,012	FALSE
-0,057	0,303	-0,001	0,008	0,044	FALSE
0,106	0,287	0,004	0,012	0,142	FALSE
0,080	0,322	0,002	0,007	0,118	FALSE
-0,026	0,298	-0,001	0,011	0,024	FALSE
0,129	0,324	0,006	0,013	0,175	FALSE
0,057	0,292	0,003	0,009	0,126	FALSE
0,089	0,296	0,003	0,011	0,123	FALSE
-0,015	0,306	0,000	0,010	0,013	FALSE
-0,052	0,316	-0,002	0,009	0,065	FALSE
-0,041	0,324	-0,001	0,013	0,032	FALSE
-0,051	0,307	-0,001	0,010	0,055	FALSE
0,021	0,304	0,000	0,012	0,013	FALSE
-0,049	0,303	-0,001	0,007	0,039	FALSE
-0,016	0,319	-0,001	0,012	0,041	FALSE
-0,071	0,300	-0,003	0,011	0,108	FALSE
0,134	0,309	0,003	0,008	0,152	FALSE
-0,003	0,322	0,000	0,011	0,002	FALSE
0,041	0,307	0,002	0,012	0,061	FALSE
-0,053	0,324	-0,002	0,012	0,061	FALSE
0,122	0,318	0,004	0,012	0,145	FALSE
-0,003	0,307	0,000	0,011	0,004	FALSE
0,092	0,309	0,002	0,006	0,126	FALSE
-0,014	0,303	0,000	0,008	0,003	FALSE
-0,032	0,305	0,000	0,007	0,018	FALSE
-0,055	0,313	-0,001	0,007	0,054	FALSE
-0,061	0,306	-0,001	0,007	0,065	FALSE
0,053	0,322	0,001	0,009	0,054	FALSE
-0,096	0,323	-0,003	0,010	0,140	FALSE
-0,084	0,304	-0,004	0,013	0,134	FALSE
0,064	0,299	0,002	0,009	0,092	FALSE
0,069	0,316	0,003	0,013	0,103	FALSE
0,066	0,301	0,003	0,010	0,107	FALSE
-0,022	0,296	-0,002	0,009	0,074	FALSE
-0,039	0,307	-0,001	0,009	0,026	FALSE
-0,120	0,292	-0,005	0,011	0,162	FALSE
0,021	0,300	0,001	0,011	0,025	FALSE
0,039	0,319	0,001	0,007	0,062	FALSE
-0,032	0,313	-0,001	0,009	0,056	FALSE
0,061	0,306	0,002	0,013	0,053	FALSE
0,035	0,326	0,001	0,007	0,052	FALSE
-0,066	0,305	-0,003	0,010	0,097	FALSE
-0,142	0,313	-0,003	0,006	0,181	FALSE
0,089	0,312	0,002	0,006	0,127	FALSE

-0,049	0,321	-0,002	0,012	0,067	FALSE
-0,162	0,303	-0,004	0,007	0,218	FALSE
0,025	0,302	0,002	0,013	0,044	FALSE
-0,018	0,304	0,001	0,010	0,024	FALSE
0,005	0,294	0,000	0,011	0,004	FALSE
-0,047	0,307	-0,001	0,009	0,046	FALSE
0,026	0,300	0,001	0,010	0,024	FALSE
-0,011	0,313	0,000	0,011	0,006	FALSE
-0,164	0,315	-0,003	0,007	0,194	FALSE
-0,132	0,321	-0,006	0,013	0,191	FALSE
-0,004	0,309	0,000	0,012	0,015	FALSE
-0,038	0,307	-0,001	0,011	0,035	FALSE
0,022	0,313	0,001	0,009	0,044	FALSE
-0,197	0,296	-0,005	0,008	0,270	FALSE
0,060	0,297	0,002	0,007	0,089	FALSE
0,041	0,304	0,001	0,008	0,068	FALSE
-0,100	0,305	-0,003	0,010	0,124	FALSE
0,094	0,304	0,002	0,007	0,118	FALSE
0,061	0,303	0,003	0,012	0,086	FALSE
0,040	0,311	0,001	0,009	0,051	FALSE
0,032	0,304	0,001	0,009	0,037	FALSE
0,045	0,311	0,001	0,009	0,052	FALSE
-0,049	0,315	-0,002	0,012	0,062	FALSE
0,045	0,308	0,002	0,012	0,067	FALSE
-0,138	0,309	-0,003	0,006	0,171	FALSE
0,087	0,303	0,003	0,009	0,126	FALSE
0,083	0,297	0,002	0,007	0,125	FALSE
-0,063	0,311	-0,001	0,007	0,048	FALSE
-0,039	0,323	-0,002	0,011	0,049	FALSE
-0,075	0,311	-0,003	0,012	0,109	FALSE
0,103	0,306	0,004	0,012	0,131	FALSE
-0,083	0,310	-0,003	0,012	0,097	FALSE
0,067	0,300	0,002	0,007	0,108	FALSE
-0,026	0,313	0,000	0,007	0,012	FALSE
0,017	0,298	0,000	0,013	0,013	FALSE
0,004	0,304	0,000	0,012	0,015	FALSE
0,078	0,307	0,002	0,009	0,105	FALSE
-0,087	0,302	-0,003	0,013	0,098	FALSE
-0,032	0,311	-0,002	0,011	0,068	FALSE
-0,117	0,304	-0,003	0,007	0,161	FALSE
0,092	0,313	0,002	0,010	0,092	FALSE
0,047	0,303	0,002	0,012	0,060	FALSE
0,104	0,294	0,002	0,006	0,146	FALSE
-0,159	0,297	-0,004	0,007	0,225	FALSE
0,062	0,306	0,001	0,007	0,056	FALSE
-0,074	0,311	-0,001	0,007	0,073	FALSE
0,077	0,301	0,003	0,011	0,119	FALSE
-0,054	0,301	-0,003	0,010	0,101	FALSE
-0,073	0,317	-0,002	0,007	0,105	FALSE
-0,101	0,294	-0,002	0,008	0,087	FALSE
-0,150	0,309	-0,003	0,006	0,190	FALSE
0,083	0,314	0,001	0,008	0,074	FALSE
-0,080	0,300	-0,003	0,011	0,092	FALSE

0,020	0,307	0,000	0,009	0,015	FALSE
-0,064	0,312	-0,002	0,008	0,072	FALSE
-0,051	0,320	-0,001	0,007	0,051	FALSE
0,107	0,298	0,004	0,008	0,200	FALSE
0,056	0,315	0,001	0,006	0,077	FALSE
-0,008	0,311	0,000	0,008	0,010	FALSE
-0,026	0,308	-0,001	0,012	0,024	FALSE
-0,153	0,299	-0,007	0,012	0,236	FALSE
-0,089	0,314	-0,004	0,012	0,119	FALSE
0,205	0,295	0,008	0,010	0,341	FALSE
-0,099	0,298	-0,004	0,011	0,138	FALSE
-0,109	0,314	-0,004	0,011	0,150	FALSE
-0,019	0,304	-0,001	0,007	0,025	FALSE
-0,124	0,297	-0,005	0,011	0,197	FALSE
-0,101	0,314	-0,004	0,013	0,117	FALSE
-0,212	0,289	-0,009	0,013	0,334	FALSE
-0,122	0,295	-0,006	0,013	0,201	FALSE
-0,089	0,304	-0,005	0,013	0,148	FALSE
0,021	0,319	0,001	0,011	0,029	FALSE
0,039	0,316	0,001	0,007	0,045	FALSE
-0,171	0,296	-0,009	0,013	0,298	FALSE
0,128	0,299	0,003	0,009	0,157	FALSE
-0,174	0,292	-0,009	0,013	0,300	FALSE
0,056	0,308	0,001	0,006	0,090	FALSE
0,087	0,308	0,003	0,011	0,107	FALSE
0,133	0,306	0,005	0,012	0,153	FALSE
0,109	0,306	0,003	0,007	0,174	FALSE
-0,085	0,308	-0,004	0,011	0,134	FALSE
0,062	0,311	0,003	0,012	0,084	FALSE
0,082	0,301	0,003	0,010	0,128	FALSE
-0,079	0,296	-0,002	0,008	0,097	FALSE
-0,074	0,308	-0,002	0,009	0,097	FALSE
0,035	0,313	0,001	0,009	0,025	FALSE
0,039	0,311	0,001	0,010	0,047	FALSE
0,007	0,315	0,000	0,009	0,009	FALSE
-0,054	0,297	-0,001	0,007	0,049	FALSE
0,080	0,303	0,004	0,012	0,112	FALSE
-0,003	0,310	0,000	0,009	0,010	FALSE
0,123	0,298	0,004	0,010	0,142	FALSE
0,022	0,317	0,000	0,011	0,010	FALSE
-0,038	0,301	-0,001	0,011	0,029	FALSE
0,027	0,304	0,001	0,012	0,030	FALSE
0,056	0,307	0,001	0,010	0,042	FALSE
-0,109	0,311	-0,002	0,006	0,132	TRUE
0,062	0,297	0,003	0,012	0,087	FALSE
0,026	0,308	0,001	0,012	0,016	FALSE
0,025	0,323	0,001	0,010	0,035	FALSE
0,113	0,313	0,003	0,007	0,138	FALSE
-0,001	0,310	0,000	0,009	0,017	FALSE
0,162	0,307	0,007	0,012	0,237	FALSE
0,026	0,310	0,001	0,011	0,017	FALSE
0,022	0,307	0,000	0,008	0,014	FALSE
0,034	0,302	0,001	0,008	0,027	FALSE

0,038	0,301	0,001	0,007	0,061	FALSE
0,100	0,305	0,004	0,010	0,161	FALSE
0,061	0,312	0,002	0,008	0,078	FALSE
-0,031	0,307	-0,001	0,006	0,041	FALSE
-0,005	0,304	0,000	0,008	0,021	FALSE
0,054	0,319	0,002	0,010	0,072	FALSE
-0,089	0,294	-0,002	0,010	0,079	FALSE
-0,037	0,313	-0,001	0,012	0,030	FALSE
0,040	0,303	0,000	0,011	0,004	FALSE
-0,049	0,316	-0,001	0,009	0,030	FALSE
0,016	0,301	0,001	0,009	0,042	FALSE
-0,009	0,297	0,000	0,008	0,018	FALSE
-0,043	0,307	-0,002	0,008	0,073	FALSE
-0,207	0,314	-0,007	0,011	0,291	FALSE
0,095	0,316	0,002	0,007	0,113	FALSE
-0,012	0,315	-0,001	0,009	0,045	FALSE
-0,049	0,318	-0,001	0,007	0,077	FALSE
-0,063	0,320	-0,002	0,008	0,087	FALSE
-0,082	0,316	-0,002	0,007	0,132	FALSE
-0,080	0,302	-0,002	0,008	0,080	FALSE
0,020	0,313	0,000	0,007	0,010	FALSE
-0,151	0,305	-0,005	0,008	0,240	FALSE
0,090	0,300	0,002	0,006	0,130	FALSE
-0,036	0,315	-0,001	0,008	0,032	FALSE
-0,030	0,298	0,000	0,008	0,021	FALSE
-0,025	0,298	-0,001	0,012	0,033	FALSE
0,000	0,307	0,000	0,007	0,006	FALSE
-0,041	0,311	-0,001	0,008	0,057	FALSE
-0,055	0,307	-0,001	0,007	0,077	FALSE
0,021	0,308	0,001	0,007	0,036	FALSE
-0,072	0,295	-0,002	0,007	0,098	FALSE
-0,146	0,295	-0,005	0,011	0,187	FALSE
-0,147	0,311	-0,005	0,011	0,185	FALSE
0,058	0,308	0,002	0,008	0,076	FALSE
0,083	0,302	0,002	0,008	0,100	FALSE
0,011	0,323	0,000	0,007	0,016	FALSE
-0,036	0,315	-0,001	0,008	0,061	FALSE
-0,142	0,316	-0,003	0,007	0,196	FALSE
-0,090	0,300	-0,003	0,012	0,085	FALSE
-0,085	0,298	-0,003	0,012	0,089	FALSE
0,051	0,317	0,001	0,009	0,030	FALSE
-0,018	0,314	0,000	0,008	0,005	FALSE
0,006	0,303	0,000	0,007	0,014	FALSE
0,000	0,315	0,001	0,011	0,017	FALSE
0,063	0,312	0,002	0,008	0,080	FALSE
-0,107	0,309	-0,006	0,013	0,178	FALSE
0,104	0,307	0,004	0,011	0,154	FALSE
0,019	0,305	0,001	0,010	0,023	FALSE
-0,020	0,307	-0,001	0,012	0,044	FALSE
-0,060	0,307	-0,001	0,007	0,076	FALSE
0,119	0,321	0,004	0,010	0,166	FALSE
0,073	0,314	0,001	0,008	0,066	FALSE
-0,031	0,301	0,000	0,006	0,011	FALSE

0,095	0,312	0,002	0,007	0,130	FALSE
0,042	0,301	0,001	0,007	0,069	FALSE
0,006	0,316	0,000	0,012	0,004	FALSE
-0,062	0,301	-0,002	0,010	0,071	FALSE
0,120	0,305	0,003	0,007	0,178	FALSE
0,044	0,300	0,002	0,008	0,069	FALSE
0,001	0,306	0,000	0,012	0,003	FALSE
-0,003	0,313	0,000	0,007	0,001	FALSE
0,114	0,303	0,002	0,007	0,138	FALSE
-0,032	0,309	-0,001	0,011	0,033	FALSE
0,063	0,313	0,001	0,006	0,083	FALSE
0,091	0,306	0,004	0,011	0,132	FALSE
0,097	0,306	0,003	0,009	0,141	FALSE
-0,217	0,289	-0,009	0,012	0,363	FALSE
0,058	0,294	0,002	0,009	0,075	FALSE
0,083	0,303	0,003	0,010	0,107	FALSE
-0,137	0,296	-0,003	0,006	0,172	FALSE
-0,093	0,316	-0,002	0,007	0,099	FALSE
-0,108	0,276	-0,002	0,007	0,120	FALSE
-0,087	0,316	-0,002	0,006	0,094	FALSE
0,117	0,316	0,004	0,012	0,154	FALSE
-0,001	0,304	0,000	0,007	0,021	FALSE
-0,060	0,308	-0,002	0,010	0,058	FALSE
-0,084	0,311	-0,003	0,009	0,130	FALSE
-0,106	0,301	-0,005	0,013	0,155	FALSE
-0,036	0,307	-0,001	0,008	0,057	FALSE
-0,117	0,314	-0,002	0,007	0,137	FALSE
-0,022	0,311	-0,001	0,010	0,024	FALSE
-0,024	0,308	0,000	0,007	0,020	FALSE
-0,022	0,314	-0,001	0,007	0,028	FALSE
-0,050	0,306	0,000	0,008	0,007	FALSE
0,007	0,327	-0,001	0,013	0,016	FALSE
0,133	0,299	0,003	0,007	0,216	FALSE
-0,009	0,316	0,000	0,009	0,015	FALSE
0,164	0,299	0,006	0,011	0,230	FALSE
-0,064	0,323	-0,003	0,012	0,100	FALSE
0,021	0,314	0,000	0,010	0,017	FALSE
0,025	0,321	0,001	0,011	0,043	FALSE
-0,009	0,309	0,000	0,008	0,012	FALSE
-0,092	0,306	-0,003	0,010	0,105	FALSE
-0,068	0,309	-0,001	0,007	0,074	FALSE
0,107	0,299	0,004	0,011	0,146	FALSE
-0,008	0,306	0,000	0,011	0,011	FALSE
-0,024	0,310	-0,001	0,009	0,026	FALSE
-0,036	0,293	0,000	0,006	0,017	FALSE
0,027	0,314	0,001	0,009	0,062	FALSE
0,015	0,305	0,002	0,013	0,060	FALSE
-0,021	0,311	-0,001	0,009	0,048	FALSE
0,150	0,303	0,003	0,007	0,191	FALSE
-0,075	0,300	-0,003	0,011	0,097	FALSE
-0,001	0,309	0,000	0,008	0,001	FALSE
0,006	0,315	0,000	0,009	0,012	FALSE
-0,009	0,311	0,000	0,011	0,008	FALSE

-0,054	0,309	-0,002	0,010	0,063	FALSE
-0,046	0,317	-0,002	0,012	0,058	FALSE
0,026	0,310	0,001	0,006	0,034	FALSE
-0,023	0,301	-0,002	0,012	0,047	FALSE
-0,071	0,303	-0,002	0,008	0,090	FALSE
-0,044	0,301	-0,002	0,009	0,061	FALSE
0,002	0,311	0,000	0,011	0,002	FALSE
0,006	0,315	0,000	0,006	0,007	FALSE
0,061	0,314	0,003	0,013	0,098	FALSE
0,018	0,309	0,001	0,013	0,028	FALSE
0,078	0,306	0,003	0,010	0,131	FALSE
-0,029	0,312	-0,002	0,012	0,055	FALSE
-0,031	0,305	-0,001	0,007	0,056	FALSE
-0,078	0,310	-0,002	0,010	0,085	FALSE
0,027	0,305	0,002	0,013	0,043	FALSE
-0,011	0,326	0,000	0,013	0,011	FALSE
0,091	0,297	0,004	0,012	0,135	FALSE
-0,071	0,323	-0,004	0,013	0,115	FALSE
-0,057	0,317	-0,002	0,013	0,070	FALSE
0,021	0,315	0,001	0,012	0,016	FALSE
0,036	0,293	0,002	0,013	0,054	FALSE
-0,104	0,305	-0,003	0,008	0,136	FALSE
-0,011	0,299	-0,001	0,012	0,015	FALSE
0,084	0,309	0,003	0,013	0,098	FALSE
-0,133	0,306	-0,004	0,012	0,145	FALSE
-0,037	0,294	-0,002	0,011	0,072	FALSE
0,003	0,301	0,000	0,011	0,013	FALSE
0,022	0,306	0,001	0,008	0,033	FALSE
-0,071	0,306	-0,003	0,011	0,098	FALSE
0,088	0,310	0,002	0,008	0,112	FALSE
0,013	0,310	0,001	0,009	0,020	FALSE
-0,113	0,316	-0,002	0,007	0,130	FALSE
0,021	0,308	0,001	0,008	0,047	FALSE
-0,059	0,304	-0,002	0,012	0,081	FALSE
0,041	0,313	0,001	0,007	0,063	FALSE
0,058	0,317	0,003	0,013	0,082	FALSE
0,020	0,315	0,001	0,012	0,024	FALSE
0,060	0,310	0,002	0,012	0,059	FALSE
-0,062	0,308	-0,002	0,011	0,084	FALSE
-0,029	0,316	-0,001	0,011	0,045	FALSE
-0,003	0,300	0,000	0,010	0,010	FALSE
-0,021	0,312	-0,001	0,010	0,023	FALSE
-0,007	0,315	0,000	0,012	0,009	FALSE
0,059	0,314	0,002	0,009	0,075	FALSE
-0,009	0,299	-0,001	0,012	0,040	FALSE
0,059	0,315	0,002	0,012	0,074	FALSE
-0,143	0,304	-0,006	0,013	0,192	FALSE
-0,147	0,293	-0,006	0,012	0,195	FALSE
-0,150	0,292	-0,006	0,012	0,192	FALSE
-0,086	0,312	-0,003	0,013	0,086	FALSE
0,019	0,291	0,000	0,010	0,015	FALSE
0,057	0,300	0,001	0,008	0,046	FALSE
-0,023	0,309	0,000	0,009	0,001	FALSE

-0,042	0,301	-0,001	0,008	0,058	FALSE
0,084	0,314	0,003	0,011	0,092	FALSE
0,031	0,314	0,001	0,009	0,028	FALSE
0,033	0,308	0,001	0,007	0,054	FALSE
-0,020	0,310	-0,001	0,011	0,022	FALSE
-0,022	0,312	-0,001	0,008	0,039	FALSE
0,070	0,309	0,002	0,007	0,117	FALSE
0,041	0,306	0,001	0,008	0,057	FALSE
0,035	0,302	0,001	0,008	0,048	FALSE
0,024	0,300	0,000	0,011	0,013	FALSE
0,007	0,308	0,001	0,010	0,020	FALSE
-0,173	0,297	-0,004	0,008	0,241	FALSE
0,087	0,315	0,002	0,007	0,107	FALSE
-0,020	0,310	0,000	0,012	0,001	FALSE
0,078	0,309	0,001	0,007	0,076	FALSE
0,109	0,309	0,003	0,009	0,122	FALSE
0,000	0,308	0,000	0,012	0,005	FALSE
-0,015	0,297	-0,001	0,009	0,049	FALSE
-0,043	0,314	0,000	0,007	0,023	FALSE
-0,058	0,320	-0,003	0,013	0,086	FALSE
-0,037	0,319	-0,001	0,008	0,051	FALSE
-0,054	0,311	-0,002	0,013	0,073	FALSE
-0,039	0,313	-0,002	0,013	0,053	FALSE
-0,179	0,302	-0,006	0,010	0,261	FALSE
0,057	0,307	0,001	0,008	0,052	FALSE
0,219	0,300	0,008	0,010	0,364	FALSE
0,058	0,307	0,001	0,008	0,067	FALSE
0,141	0,311	0,005	0,011	0,183	FALSE
0,033	0,302	0,001	0,012	0,042	FALSE
0,019	0,305	0,000	0,007	0,002	FALSE
0,039	0,298	0,002	0,012	0,052	FALSE
-0,030	0,298	-0,001	0,012	0,044	FALSE
0,143	0,305	0,003	0,009	0,162	FALSE
0,012	0,303	0,000	0,006	0,000	FALSE
0,021	0,306	0,001	0,012	0,031	FALSE
0,003	0,295	0,000	0,013	0,002	FALSE
-0,074	0,295	-0,002	0,007	0,111	FALSE
-0,065	0,295	-0,002	0,008	0,092	FALSE
-0,095	0,302	-0,003	0,010	0,136	FALSE
-0,097	0,300	-0,003	0,009	0,135	FALSE
-0,087	0,313	-0,003	0,011	0,101	FALSE
-0,006	0,303	0,000	0,007	0,006	FALSE
0,118	0,304	0,004	0,010	0,173	FALSE
0,107	0,284	0,005	0,011	0,168	FALSE
-0,159	0,298	-0,005	0,010	0,233	FALSE
0,092	0,305	0,002	0,007	0,110	FALSE
-0,026	0,309	-0,001	0,013	0,021	FALSE
0,003	0,301	0,001	0,012	0,024	FALSE
0,084	0,300	0,003	0,012	0,097	FALSE
0,109	0,306	0,004	0,012	0,133	FALSE
0,095	0,304	0,003	0,012	0,116	FALSE
0,104	0,291	0,003	0,010	0,105	FALSE
-0,001	0,305	0,000	0,006	0,025	FALSE

0,080	0,310	0,002	0,006	0,126	FALSE
0,133	0,296	0,005	0,010	0,194	FALSE
0,075	0,305	0,002	0,007	0,127	FALSE
0,018	0,299	-0,001	0,011	0,029	FALSE
0,007	0,304	-0,001	0,010	0,030	FALSE
-0,057	0,327	-0,002	0,012	0,046	FALSE
0,019	0,298	0,000	0,008	0,011	FALSE
-0,030	0,306	-0,002	0,013	0,046	FALSE
-0,018	0,315	-0,001	0,013	0,029	FALSE
-0,097	0,294	-0,004	0,011	0,157	FALSE
0,000	0,316	0,001	0,009	0,025	FALSE
0,025	0,310	0,001	0,011	0,027	FALSE
0,034	0,318	0,001	0,010	0,028	FALSE
-0,029	0,323	-0,001	0,009	0,032	FALSE
-0,055	0,306	-0,002	0,008	0,079	FALSE
-0,036	0,309	0,000	0,007	0,025	FALSE
-0,039	0,315	-0,002	0,013	0,044	FALSE
-0,033	0,315	-0,001	0,007	0,049	FALSE
-0,023	0,299	-0,001	0,008	0,052	FALSE
0,088	0,303	0,002	0,007	0,084	FALSE
-0,084	0,326	-0,002	0,009	0,082	FALSE
-0,058	0,299	-0,002	0,008	0,101	FALSE
0,085	0,314	0,002	0,007	0,127	FALSE
0,005	0,311	0,001	0,011	0,026	FALSE
0,017	0,316	0,001	0,010	0,044	FALSE
-0,078	0,325	-0,002	0,010	0,075	FALSE
-0,077	0,304	-0,003	0,011	0,101	FALSE
-0,017	0,310	0,000	0,011	0,013	FALSE
-0,192	0,306	-0,008	0,012	0,285	FALSE
-0,013	0,296	0,000	0,007	0,010	FALSE
0,207	0,311	0,006	0,008	0,304	FALSE
0,111	0,297	0,003	0,008	0,141	FALSE
-0,053	0,315	-0,002	0,009	0,081	FALSE
0,191	0,298	0,005	0,008	0,263	FALSE
-0,009	0,295	0,000	0,009	0,013	FALSE
-0,052	0,294	-0,002	0,009	0,067	FALSE
0,049	0,301	0,001	0,012	0,042	FALSE
-0,001	0,298	-0,001	0,012	0,024	FALSE
-0,117	0,321	-0,004	0,010	0,148	FALSE
0,081	0,301	0,004	0,012	0,149	FALSE
-0,071	0,324	-0,002	0,010	0,070	FALSE
-0,032	0,318	-0,002	0,013	0,044	FALSE
-0,033	0,312	-0,001	0,008	0,027	FALSE
0,020	0,293	0,001	0,010	0,021	FALSE
-0,012	0,313	0,001	0,011	0,024	FALSE
-0,108	0,306	-0,003	0,007	0,153	FALSE
-0,023	0,319	-0,001	0,012	0,015	FALSE
-0,069	0,307	-0,001	0,007	0,064	FALSE
0,117	0,300	0,003	0,008	0,156	FALSE
-0,032	0,298	-0,001	0,008	0,053	FALSE
-0,066	0,298	-0,003	0,012	0,094	FALSE
-0,045	0,309	-0,002	0,012	0,060	FALSE
-0,058	0,310	-0,003	0,012	0,092	FALSE

-0,066	0,320	-0,003	0,013	0,095	FALSE
0,088	0,307	0,003	0,011	0,123	FALSE
-0,072	0,315	-0,003	0,012	0,088	FALSE
0,096	0,309	0,004	0,013	0,134	FALSE
-0,007	0,311	-0,001	0,011	0,019	FALSE
-0,046	0,311	-0,002	0,009	0,063	FALSE
0,065	0,291	0,001	0,006	0,055	FALSE
0,002	0,302	0,000	0,008	0,003	FALSE
0,032	0,305	0,002	0,012	0,054	FALSE
0,063	0,327	0,003	0,013	0,076	FALSE
0,014	0,333	0,000	0,011	0,012	FALSE
0,053	0,301	0,002	0,007	0,085	FALSE
-0,013	0,321	0,000	0,009	0,012	FALSE
0,052	0,315	0,002	0,007	0,089	FALSE
-0,049	0,319	-0,001	0,008	0,071	FALSE
-0,035	0,306	-0,001	0,011	0,049	FALSE
0,030	0,320	0,001	0,011	0,026	FALSE
-0,032	0,310	-0,001	0,010	0,028	FALSE
-0,083	0,314	-0,003	0,011	0,107	FALSE
-0,067	0,315	-0,002	0,009	0,072	FALSE
-0,051	0,314	-0,001	0,007	0,039	FALSE
0,060	0,298	0,001	0,007	0,076	FALSE
0,096	0,297	0,002	0,006	0,125	FALSE
-0,002	0,300	0,001	0,012	0,018	FALSE
-0,064	0,310	-0,001	0,008	0,065	FALSE
0,080	0,308	0,003	0,011	0,105	FALSE
0,042	0,306	0,001	0,009	0,057	FALSE
0,072	0,304	0,002	0,010	0,073	FALSE
-0,090	0,298	-0,004	0,012	0,143	FALSE
0,078	0,313	0,001	0,006	0,075	FALSE
0,036	0,312	0,002	0,012	0,059	FALSE
0,083	0,291	0,002	0,006	0,122	FALSE
0,090	0,306	0,004	0,012	0,139	FALSE
-0,089	0,297	-0,004	0,012	0,134	FALSE
-0,007	0,307	-0,001	0,007	0,038	FALSE
-0,026	0,306	0,000	0,008	0,020	FALSE
-0,086	0,306	-0,003	0,013	0,094	FALSE
0,009	0,309	0,000	0,009	0,001	FALSE
-0,037	0,301	-0,001	0,008	0,054	FALSE
-0,013	0,310	0,000	0,007	0,003	FALSE
-0,033	0,313	0,000	0,007	0,021	FALSE
0,084	0,290	0,003	0,010	0,110	FALSE
0,102	0,312	0,003	0,008	0,125	FALSE
-0,084	0,305	-0,004	0,011	0,147	FALSE
-0,063	0,309	-0,002	0,009	0,074	FALSE
-0,050	0,323	-0,002	0,011	0,064	FALSE
-0,026	0,302	-0,001	0,009	0,035	FALSE
0,021	0,297	0,000	0,007	0,026	FALSE
-0,005	0,314	0,000	0,008	0,018	FALSE
0,013	0,312	0,000	0,006	0,017	FALSE
0,104	0,313	0,003	0,009	0,134	FALSE
0,022	0,318	0,001	0,010	0,035	FALSE
-0,193	0,297	-0,005	0,008	0,266	FALSE

0,154	0,308	0,005	0,009	0,238	FALSE
-0,039	0,313	-0,002	0,011	0,072	FALSE
-0,085	0,321	-0,003	0,011	0,102	FALSE
0,093	0,313	0,004	0,012	0,133	FALSE
-0,015	0,316	-0,001	0,013	0,016	FALSE
0,121	0,319	0,003	0,007	0,161	FALSE
-0,078	0,323	-0,003	0,011	0,102	FALSE
0,052	0,311	0,002	0,008	0,081	FALSE
-0,040	0,314	-0,001	0,010	0,033	FALSE
0,190	0,307	0,007	0,012	0,269	FALSE
0,023	0,319	0,001	0,011	0,033	FALSE
0,114	0,316	0,002	0,008	0,129	FALSE
0,051	0,306	0,001	0,007	0,054	FALSE
0,049	0,318	0,002	0,010	0,056	FALSE
-0,021	0,317	-0,001	0,008	0,027	FALSE
-0,011	0,310	0,000	0,012	0,006	FALSE
0,056	0,312	0,001	0,007	0,060	FALSE
0,117	0,316	0,003	0,007	0,143	FALSE
0,036	0,312	0,001	0,008	0,038	FALSE
-0,018	0,299	0,000	0,009	0,004	FALSE
-0,009	0,313	0,000	0,008	0,004	FALSE
0,042	0,305	0,002	0,009	0,074	FALSE
-0,052	0,305	-0,001	0,007	0,078	FALSE
0,011	0,311	0,000	0,011	0,002	FALSE
-0,024	0,306	0,000	0,011	0,001	FALSE
0,005	0,296	-0,001	0,008	0,023	FALSE
-0,059	0,315	-0,002	0,010	0,081	FALSE
-0,045	0,330	-0,002	0,012	0,059	FALSE
0,025	0,308	0,001	0,007	0,041	FALSE
-0,042	0,308	-0,001	0,011	0,045	FALSE
0,064	0,292	0,003	0,012	0,100	FALSE
-0,005	0,294	0,000	0,010	0,017	FALSE
-0,056	0,317	-0,002	0,012	0,064	FALSE
0,022	0,302	0,001	0,007	0,039	FALSE
-0,060	0,304	-0,003	0,012	0,108	FALSE
0,140	0,284	0,004	0,006	0,294	FALSE
-0,168	0,303	-0,007	0,012	0,243	FALSE
-0,007	0,304	0,000	0,007	0,013	FALSE
0,020	0,317	0,000	0,007	0,018	FALSE
-0,085	0,312	-0,002	0,009	0,093	FALSE
0,035	0,305	0,001	0,011	0,027	FALSE
-0,012	0,300	-0,001	0,007	0,027	FALSE
0,061	0,292	0,003	0,009	0,135	FALSE
0,102	0,310	0,002	0,007	0,150	FALSE
0,100	0,320	0,002	0,008	0,112	FALSE
0,053	0,302	0,001	0,008	0,042	FALSE
0,075	0,311	0,002	0,008	0,072	FALSE
-0,071	0,314	-0,003	0,011	0,112	FALSE
0,007	0,323	0,000	0,007	0,003	FALSE
-0,022	0,308	-0,001	0,007	0,029	FALSE
-0,026	0,317	-0,001	0,012	0,020	FALSE
0,031	0,311	0,000	0,007	0,013	FALSE
0,130	0,310	0,003	0,007	0,173	FALSE

0,117	0,309	0,003	0,007	0,178	FALSE
-0,037	0,310	-0,001	0,007	0,055	FALSE
0,048	0,307	0,002	0,012	0,059	FALSE
-0,045	0,294	-0,001	0,007	0,074	FALSE
0,046	0,306	0,001	0,007	0,064	FALSE
0,190	0,294	0,007	0,011	0,300	FALSE
-0,213	0,302	-0,008	0,012	0,323	FALSE
-0,124	0,300	-0,004	0,008	0,186	FALSE
-0,116	0,292	-0,003	0,007	0,159	FALSE
0,002	0,310	0,000	0,007	0,000	FALSE
0,045	0,310	0,001	0,010	0,029	FALSE
-0,021	0,309	-0,001	0,007	0,029	FALSE
0,035	0,302	0,001	0,006	0,060	FALSE
-0,005	0,288	-0,001	0,010	0,043	FALSE
0,134	0,298	0,004	0,010	0,183	FALSE
-0,054	0,317	-0,003	0,013	0,093	FALSE
-0,056	0,301	-0,001	0,009	0,036	FALSE
-0,042	0,308	-0,001	0,009	0,041	FALSE
-0,004	0,301	-0,001	0,011	0,038	FALSE
-0,038	0,331	-0,001	0,012	0,033	FALSE
-0,004	0,318	0,000	0,011	0,003	FALSE
-0,136	0,311	-0,003	0,007	0,157	FALSE
-0,140	0,294	-0,003	0,007	0,167	FALSE
-0,086	0,295	-0,002	0,008	0,098	FALSE
-0,071	0,308	-0,002	0,009	0,082	FALSE
0,000	0,309	0,000	0,006	0,012	FALSE
0,040	0,316	0,002	0,012	0,059	FALSE
0,056	0,317	0,001	0,011	0,041	FALSE
0,070	0,305	0,002	0,011	0,053	FALSE
0,009	0,314	0,000	0,012	0,013	FALSE
0,006	0,308	0,000	0,012	0,008	FALSE
-0,009	0,314	-0,001	0,012	0,024	FALSE
0,189	0,286	0,005	0,007	0,331	FALSE
0,087	0,316	0,003	0,012	0,099	FALSE
0,092	0,315	0,003	0,011	0,110	FALSE
-0,022	0,299	-0,001	0,008	0,023	FALSE
-0,055	0,305	-0,002	0,006	0,095	FALSE
-0,067	0,318	-0,003	0,009	0,112	FALSE
-0,132	0,298	-0,003	0,007	0,178	FALSE
-0,085	0,298	-0,002	0,006	0,129	FALSE
-0,058	0,312	-0,001	0,007	0,075	FALSE
0,077	0,310	0,003	0,012	0,090	FALSE
-0,036	0,318	-0,001	0,010	0,043	FALSE
-0,026	0,313	-0,001	0,009	0,036	FALSE
0,008	0,315	0,000	0,010	0,009	FALSE
-0,181	0,310	-0,004	0,008	0,251	FALSE
0,102	0,288	0,005	0,012	0,171	FALSE
0,007	0,308	0,000	0,008	0,018	FALSE
-0,126	0,308	-0,004	0,011	0,166	FALSE
-0,070	0,307	-0,003	0,011	0,085	FALSE
0,026	0,305	0,001	0,009	0,048	FALSE
0,012	0,327	0,000	0,011	0,016	FALSE
0,026	0,310	0,000	0,010	0,012	FALSE

0,130	0,280	0,003	0,009	0,123	FALSE
-0,062	0,311	-0,002	0,007	0,093	FALSE
-0,037	0,313	-0,001	0,008	0,056	FALSE
-0,064	0,313	-0,002	0,009	0,087	FALSE
-0,120	0,311	-0,005	0,011	0,192	FALSE
0,019	0,312	0,001	0,009	0,025	FALSE
-0,056	0,307	-0,002	0,008	0,088	FALSE
0,022	0,305	0,001	0,013	0,039	FALSE
-0,028	0,313	-0,001	0,010	0,053	FALSE
-0,020	0,316	-0,001	0,010	0,041	FALSE
-0,054	0,312	-0,002	0,010	0,077	FALSE
0,014	0,311	0,001	0,008	0,032	FALSE
-0,016	0,314	-0,001	0,010	0,039	FALSE
-0,049	0,301	-0,001	0,009	0,060	FALSE
0,040	0,296	0,003	0,012	0,077	FALSE
-0,009	0,296	0,000	0,008	0,014	FALSE
-0,061	0,306	-0,003	0,011	0,101	FALSE
0,066	0,317	0,002	0,011	0,063	FALSE
0,104	0,309	0,002	0,008	0,097	FALSE
-0,061	0,308	-0,001	0,008	0,058	FALSE
-0,043	0,301	-0,001	0,007	0,069	FALSE
-0,018	0,317	-0,001	0,010	0,027	FALSE
0,006	0,307	0,001	0,007	0,060	FALSE
-0,055	0,317	-0,001	0,008	0,040	FALSE
-0,060	0,301	-0,001	0,008	0,067	FALSE
-0,012	0,319	-0,001	0,012	0,035	FALSE
-0,087	0,303	-0,003	0,012	0,103	FALSE
-0,051	0,318	-0,001	0,011	0,042	FALSE
-0,122	0,309	-0,002	0,008	0,129	FALSE
0,053	0,315	0,002	0,006	0,099	FALSE
0,037	0,326	0,001	0,007	0,043	FALSE
0,021	0,308	0,001	0,009	0,028	FALSE
0,003	0,311	0,000	0,009	0,014	FALSE
0,062	0,311	0,002	0,011	0,079	FALSE
0,015	0,300	0,000	0,007	0,017	FALSE
-0,067	0,310	-0,002	0,009	0,062	FALSE
0,054	0,308	0,001	0,006	0,075	FALSE
0,082	0,316	0,002	0,009	0,082	FALSE
0,009	0,297	0,000	0,012	0,003	FALSE
-0,012	0,310	-0,001	0,013	0,037	FALSE
0,023	0,311	0,001	0,007	0,062	FALSE
0,013	0,305	0,001	0,006	0,061	FALSE
0,182	0,291	0,007	0,011	0,269	FALSE
-0,055	0,291	-0,003	0,012	0,080	FALSE
0,056	0,297	0,001	0,007	0,061	FALSE
-0,038	0,312	-0,002	0,013	0,060	FALSE
-0,044	0,311	-0,001	0,009	0,060	FALSE
-0,205	0,304	-0,005	0,008	0,285	FALSE
-0,012	0,314	0,000	0,007	0,022	FALSE
-0,102	0,314	-0,004	0,010	0,173	FALSE
0,221	0,291	0,007	0,008	0,365	FALSE
0,022	0,310	0,001	0,012	0,027	FALSE
0,149	0,290	0,005	0,008	0,258	FALSE

-0,136	0,315	-0,004	0,010	0,175	FALSE
0,037	0,296	0,001	0,011	0,033	FALSE
-0,084	0,310	-0,002	0,007	0,100	FALSE
-0,006	0,303	0,000	0,012	0,005	FALSE
-0,036	0,315	-0,001	0,007	0,030	FALSE
-0,032	0,300	-0,001	0,009	0,057	FALSE
-0,016	0,309	0,000	0,010	0,003	FALSE
-0,021	0,301	0,000	0,009	0,005	FALSE
0,115	0,309	0,005	0,012	0,170	FALSE
-0,044	0,311	-0,002	0,013	0,048	FALSE
-0,054	0,301	-0,001	0,008	0,065	FALSE
-0,050	0,308	-0,002	0,007	0,081	FALSE
-0,030	0,311	-0,001	0,007	0,042	FALSE
0,115	0,297	0,005	0,011	0,173	FALSE
0,034	0,304	0,000	0,007	0,017	FALSE
0,032	0,307	0,000	0,008	0,007	FALSE
-0,106	0,296	-0,006	0,013	0,205	FALSE
0,027	0,310	0,000	0,007	0,019	FALSE
-0,006	0,314	-0,001	0,011	0,017	FALSE
-0,024	0,314	0,000	0,007	0,023	FALSE
0,103	0,308	0,004	0,008	0,186	FALSE
-0,011	0,300	-0,001	0,009	0,025	FALSE
0,090	0,316	0,003	0,007	0,173	FALSE
0,078	0,297	0,003	0,008	0,151	FALSE
0,104	0,301	0,004	0,008	0,191	FALSE
0,037	0,322	0,001	0,010	0,027	FALSE
-0,002	0,316	0,000	0,010	0,001	FALSE
-0,030	0,301	-0,001	0,009	0,039	FALSE
-0,003	0,309	0,000	0,008	0,002	FALSE
0,021	0,321	0,001	0,008	0,037	FALSE
-0,081	0,309	-0,002	0,008	0,095	FALSE
0,057	0,310	0,002	0,007	0,093	FALSE
0,051	0,319	0,001	0,007	0,063	FALSE
0,174	0,305	0,007	0,012	0,222	FALSE
-0,145	0,306	-0,006	0,011	0,217	FALSE
-0,017	0,308	0,000	0,007	0,001	FALSE
-0,049	0,315	-0,001	0,008	0,036	FALSE
-0,022	0,319	-0,002	0,012	0,049	FALSE
0,059	0,316	0,002	0,011	0,062	FALSE
-0,052	0,310	-0,002	0,010	0,073	FALSE
-0,142	0,305	-0,007	0,013	0,231	FALSE
-0,143	0,312	-0,007	0,013	0,220	FALSE
-0,078	0,303	-0,003	0,011	0,093	FALSE
0,068	0,300	0,003	0,011	0,094	FALSE
-0,041	0,317	-0,002	0,013	0,049	FALSE
0,158	0,307	0,005	0,009	0,258	FALSE
-0,017	0,314	0,000	0,007	0,012	FALSE
0,023	0,295	0,001	0,008	0,069	FALSE
0,021	0,296	0,002	0,011	0,071	FALSE
0,087	0,294	0,003	0,008	0,155	FALSE
0,063	0,306	0,003	0,012	0,082	FALSE
0,040	0,306	0,001	0,007	0,043	FALSE
-0,070	0,317	-0,003	0,013	0,093	FALSE

-0,022	0,309	-0,002	0,013	0,056	FALSE
0,033	0,326	0,000	0,014	0,012	FALSE
0,014	0,316	0,000	0,011	0,002	FALSE
0,016	0,301	0,001	0,007	0,037	FALSE
0,000	0,295	0,000	0,012	0,004	FALSE
-0,035	0,310	-0,002	0,013	0,056	FALSE
0,020	0,302	0,000	0,010	0,017	FALSE
0,071	0,294	0,002	0,008	0,081	FALSE
0,181	0,285	0,004	0,007	0,274	FALSE
0,160	0,296	0,004	0,007	0,221	FALSE
0,059	0,300	0,002	0,009	0,096	FALSE
0,051	0,317	0,001	0,011	0,041	FALSE
0,006	0,301	0,001	0,007	0,031	FALSE
0,032	0,312	0,002	0,013	0,053	FALSE
0,024	0,306	0,002	0,012	0,048	FALSE
0,096	0,305	0,002	0,007	0,125	FALSE
0,039	0,309	0,001	0,007	0,053	FALSE
0,096	0,290	0,004	0,012	0,146	FALSE
-0,007	0,302	0,000	0,010	0,007	FALSE
0,001	0,314	0,000	0,008	0,000	FALSE
-0,032	0,312	-0,001	0,007	0,047	FALSE
-0,010	0,316	0,000	0,008	0,005	FALSE
0,104	0,313	0,004	0,011	0,168	FALSE
-0,026	0,319	-0,001	0,008	0,032	FALSE
-0,028	0,302	-0,001	0,012	0,033	FALSE
0,112	0,305	0,002	0,006	0,123	FALSE
0,096	0,301	0,004	0,009	0,155	FALSE
0,007	0,309	0,001	0,007	0,026	FALSE
0,048	0,312	0,001	0,007	0,067	FALSE
0,060	0,307	0,002	0,007	0,083	FALSE
-0,179	0,294	-0,005	0,008	0,272	FALSE
0,051	0,304	0,002	0,013	0,064	FALSE
-0,014	0,298	-0,001	0,008	0,031	FALSE
-0,060	0,314	-0,002	0,008	0,075	FALSE
-0,109	0,298	-0,002	0,007	0,132	FALSE
0,021	0,315	0,001	0,012	0,019	FALSE
-0,034	0,312	-0,001	0,008	0,037	FALSE
0,002	0,307	0,000	0,008	0,002	FALSE
0,049	0,309	0,001	0,008	0,063	FALSE
0,096	0,294	0,002	0,009	0,104	FALSE
-0,098	0,304	-0,005	0,013	0,167	FALSE
0,062	0,317	0,002	0,013	0,060	FALSE
0,099	0,312	0,003	0,007	0,147	FALSE
0,058	0,302	0,002	0,009	0,090	FALSE
-0,148	0,310	-0,004	0,008	0,194	FALSE
0,079	0,303	0,002	0,009	0,064	FALSE
-0,109	0,312	-0,003	0,010	0,113	FALSE
-0,152	0,295	-0,004	0,007	0,240	FALSE
0,007	0,299	0,001	0,012	0,024	FALSE
-0,042	0,299	0,000	0,006	0,023	FALSE
0,005	0,300	0,000	0,007	0,001	FALSE
0,032	0,305	0,002	0,011	0,056	FALSE
0,017	0,312	0,000	0,007	0,007	FALSE

-0,009	0,295	0,000	0,007	0,023	FALSE
-0,073	0,303	-0,002	0,008	0,075	FALSE
-0,005	0,312	0,000	0,012	0,008	FALSE
0,113	0,304	0,004	0,011	0,133	FALSE
-0,057	0,323	-0,002	0,008	0,069	FALSE
-0,040	0,315	-0,001	0,009	0,039	FALSE
-0,041	0,302	-0,001	0,008	0,048	FALSE
-0,023	0,297	-0,001	0,008	0,024	FALSE
-0,088	0,301	-0,003	0,010	0,106	FALSE
0,051	0,309	0,001	0,007	0,053	FALSE
0,072	0,297	0,002	0,007	0,125	FALSE
0,133	0,306	0,003	0,008	0,167	FALSE
0,059	0,312	0,002	0,010	0,056	FALSE
0,077	0,308	0,003	0,011	0,102	FALSE
-0,059	0,327	-0,002	0,012	0,076	FALSE
0,079	0,306	0,003	0,012	0,103	FALSE
0,062	0,312	0,002	0,012	0,068	FALSE
-0,038	0,318	-0,001	0,011	0,017	FALSE
0,029	0,296	0,001	0,010	0,046	FALSE
0,057	0,306	0,002	0,013	0,052	FALSE
0,071	0,322	0,003	0,013	0,079	FALSE
0,131	0,297	0,006	0,013	0,190	FALSE
-0,075	0,304	-0,002	0,013	0,071	FALSE
0,016	0,303	0,000	0,007	0,013	FALSE
0,023	0,316	0,000	0,012	0,015	FALSE
0,043	0,307	0,001	0,007	0,077	FALSE
-0,045	0,318	-0,001	0,012	0,031	FALSE
-0,021	0,300	-0,001	0,008	0,037	FALSE
0,040	0,298	0,001	0,007	0,060	FALSE
0,029	0,303	0,001	0,010	0,023	FALSE
-0,103	0,310	-0,003	0,010	0,124	FALSE
0,101	0,296	0,003	0,008	0,140	FALSE
-0,013	0,310	-0,001	0,012	0,041	FALSE
0,057	0,318	0,002	0,011	0,066	FALSE
0,026	0,291	0,002	0,012	0,069	FALSE
-0,084	0,310	-0,004	0,012	0,123	FALSE
0,083	0,305	0,003	0,013	0,096	FALSE
0,083	0,301	0,003	0,013	0,083	FALSE
0,058	0,305	0,002	0,013	0,062	FALSE
0,002	0,302	0,000	0,007	0,025	FALSE
-0,001	0,305	0,000	0,007	0,011	FALSE
0,017	0,312	0,001	0,007	0,045	FALSE
0,006	0,309	0,001	0,009	0,034	FALSE
-0,091	0,309	-0,004	0,012	0,125	FALSE
0,004	0,293	0,000	0,009	0,008	FALSE
0,076	0,298	0,002	0,009	0,063	FALSE
0,034	0,307	0,001	0,006	0,038	FALSE
-0,017	0,317	0,000	0,008	0,002	FALSE
-0,116	0,321	-0,003	0,007	0,156	FALSE
-0,108	0,299	-0,004	0,012	0,115	FALSE
-0,066	0,308	-0,002	0,007	0,103	FALSE
-0,017	0,300	-0,001	0,012	0,023	FALSE
-0,054	0,302	-0,003	0,013	0,093	FALSE

-0,038	0,319	-0,001	0,013	0,041	FALSE
-0,040	0,301	-0,001	0,008	0,052	FALSE
-0,038	0,300	0,000	0,006	0,021	FALSE
0,091	0,319	0,002	0,009	0,103	FALSE
-0,148	0,300	-0,003	0,006	0,199	FALSE
-0,098	0,309	-0,004	0,012	0,142	FALSE
-0,011	0,314	0,000	0,010	0,017	FALSE
-0,067	0,313	-0,001	0,008	0,043	FALSE
-0,063	0,296	-0,001	0,008	0,050	FALSE
0,012	0,294	0,002	0,010	0,068	FALSE
0,020	0,301	0,002	0,010	0,079	FALSE
0,120	0,305	0,003	0,006	0,176	FALSE
0,031	0,308	0,000	0,007	0,023	FALSE
-0,062	0,295	-0,001	0,007	0,079	FALSE
0,136	0,307	0,003	0,006	0,182	FALSE
0,103	0,301	0,002	0,006	0,130	FALSE
0,120	0,309	0,004	0,012	0,122	FALSE
0,023	0,317	0,001	0,013	0,014	FALSE
-0,130	0,322	-0,005	0,011	0,169	FALSE
-0,095	0,313	-0,003	0,011	0,107	FALSE
0,029	0,303	0,001	0,007	0,053	FALSE
-0,059	0,315	-0,001	0,011	0,037	FALSE
-0,136	0,307	-0,004	0,010	0,173	FALSE
0,082	0,299	0,002	0,006	0,108	FALSE
0,075	0,312	0,002	0,006	0,097	FALSE
0,102	0,296	0,003	0,008	0,172	FALSE
0,029	0,305	0,001	0,008	0,034	FALSE
0,028	0,312	0,001	0,009	0,022	FALSE
0,009	0,318	0,001	0,011	0,040	FALSE
-0,010	0,305	-0,001	0,012	0,043	FALSE
-0,001	0,306	0,000	0,007	0,022	FALSE
-0,006	0,308	-0,001	0,008	0,032	FALSE
-0,043	0,300	-0,001	0,008	0,054	FALSE
-0,070	0,311	-0,002	0,012	0,062	FALSE
-0,059	0,299	-0,002	0,010	0,062	FALSE
-0,051	0,289	-0,001	0,010	0,054	FALSE
0,024	0,310	0,001	0,007	0,048	FALSE
-0,076	0,297	-0,003	0,012	0,109	FALSE
-0,013	0,320	-0,001	0,009	0,029	FALSE
0,091	0,292	0,002	0,006	0,150	FALSE
-0,023	0,305	-0,002	0,010	0,067	FALSE
0,025	0,320	0,002	0,010	0,064	FALSE
-0,045	0,311	-0,001	0,010	0,027	FALSE
0,011	0,305	0,001	0,008	0,044	FALSE
0,164	0,298	0,006	0,011	0,246	FALSE
0,048	0,317	0,002	0,012	0,073	FALSE
0,033	0,305	0,002	0,012	0,048	FALSE
-0,020	0,291	-0,001	0,008	0,040	FALSE
0,025	0,312	0,000	0,012	0,008	FALSE
0,019	0,308	0,001	0,013	0,019	FALSE
-0,075	0,307	-0,001	0,007	0,060	FALSE
-0,012	0,313	0,000	0,011	0,003	FALSE
-0,114	0,302	-0,005	0,011	0,171	FALSE

0,004	0,284	0,000	0,013	0,010	FALSE
0,039	0,306	0,001	0,008	0,031	FALSE
0,039	0,288	0,001	0,007	0,044	FALSE
0,142	0,305	0,005	0,011	0,198	FALSE
0,164	0,296	0,006	0,012	0,211	FALSE
0,104	0,300	0,004	0,010	0,168	FALSE
0,005	0,320	0,000	0,010	0,000	FALSE
0,068	0,307	0,003	0,011	0,092	FALSE
-0,071	0,318	-0,003	0,011	0,103	FALSE
0,035	0,301	0,001	0,007	0,066	FALSE
0,043	0,306	0,001	0,013	0,024	FALSE
0,064	0,307	0,002	0,009	0,091	FALSE
-0,002	0,336	0,000	0,009	0,001	FALSE
0,026	0,313	0,001	0,009	0,048	FALSE
-0,116	0,308	-0,005	0,012	0,169	FALSE
0,155	0,300	0,004	0,007	0,221	FALSE
-0,095	0,315	-0,002	0,007	0,125	FALSE
0,076	0,310	0,002	0,009	0,076	FALSE
-0,073	0,313	-0,002	0,010	0,074	FALSE
-0,113	0,302	-0,004	0,012	0,124	FALSE
0,018	0,314	0,001	0,010	0,040	FALSE
0,043	0,312	0,002	0,010	0,067	FALSE
0,048	0,301	0,001	0,008	0,055	FALSE
-0,052	0,314	-0,001	0,008	0,047	FALSE
-0,069	0,292	-0,002	0,008	0,099	FALSE
0,016	0,314	0,001	0,008	0,057	FALSE
0,026	0,302	0,000	0,008	0,009	FALSE
0,026	0,308	0,002	0,013	0,069	FALSE
0,037	0,305	0,003	0,013	0,093	FALSE
-0,119	0,309	-0,003	0,012	0,113	FALSE
0,049	0,309	0,001	0,008	0,061	FALSE
-0,025	0,321	-0,001	0,009	0,036	FALSE
-0,003	0,315	0,000	0,011	0,003	FALSE
-0,101	0,307	-0,003	0,010	0,116	FALSE
0,034	0,328	0,001	0,012	0,016	FALSE
-0,089	0,303	-0,002	0,009	0,086	FALSE
0,008	0,285	0,000	0,010	0,009	FALSE
0,000	0,288	0,000	0,010	0,002	FALSE
-0,073	0,313	-0,003	0,012	0,098	FALSE
-0,042	0,293	-0,001	0,009	0,029	FALSE
0,043	0,321	0,001	0,007	0,051	FALSE
0,073	0,312	0,002	0,009	0,089	FALSE
-0,069	0,316	-0,002	0,009	0,071	FALSE
-0,036	0,304	-0,001	0,008	0,026	FALSE
0,096	0,301	0,003	0,009	0,112	FALSE
0,117	0,307	0,002	0,007	0,141	FALSE
-0,102	0,315	-0,002	0,009	0,098	FALSE
0,080	0,315	0,003	0,012	0,114	FALSE
-0,126	0,314	-0,004	0,008	0,196	FALSE
-0,055	0,294	-0,001	0,007	0,068	FALSE
-0,085	0,293	-0,003	0,013	0,105	FALSE
-0,158	0,314	-0,006	0,012	0,201	FALSE
-0,049	0,302	-0,001	0,009	0,055	FALSE

0,020	0,301	0,001	0,007	0,036	FALSE
0,034	0,294	0,001	0,010	0,051	FALSE
0,115	0,299	0,003	0,007	0,163	FALSE
-0,019	0,314	0,000	0,006	0,007	FALSE
0,046	0,307	0,001	0,011	0,029	FALSE
-0,019	0,310	-0,001	0,010	0,031	FALSE
-0,034	0,309	-0,001	0,009	0,054	FALSE
0,017	0,309	0,000	0,007	0,016	FALSE
-0,005	0,313	-0,001	0,013	0,014	FALSE
-0,022	0,310	-0,001	0,010	0,030	FALSE
-0,041	0,302	-0,003	0,012	0,083	FALSE
0,048	0,303	0,001	0,008	0,054	FALSE
-0,021	0,311	-0,003	0,013	0,073	FALSE
-0,120	0,299	-0,005	0,012	0,183	FALSE
0,039	0,316	0,001	0,008	0,057	FALSE
-0,119	0,303	-0,005	0,013	0,149	FALSE
0,114	0,309	0,004	0,011	0,153	FALSE
-0,114	0,314	-0,004	0,009	0,155	FALSE
0,131	0,308	0,005	0,011	0,196	FALSE
0,113	0,311	0,005	0,011	0,172	FALSE
0,127	0,305	0,005	0,011	0,199	FALSE
0,114	0,301	0,002	0,006	0,154	FALSE
-0,060	0,311	-0,001	0,006	0,083	FALSE
-0,069	0,310	-0,002	0,011	0,084	FALSE
0,037	0,298	0,002	0,011	0,066	FALSE
0,020	0,307	0,000	0,009	0,007	FALSE
0,019	0,312	0,000	0,009	0,007	FALSE
0,084	0,313	0,003	0,010	0,112	FALSE
0,024	0,315	0,001	0,013	0,022	FALSE
-0,028	0,317	-0,001	0,012	0,043	FALSE
0,004	0,315	0,000	0,013	0,010	FALSE
-0,006	0,309	0,000	0,007	0,002	FALSE
0,004	0,300	0,000	0,009	0,009	FALSE
-0,011	0,312	-0,001	0,007	0,028	FALSE
-0,052	0,321	-0,002	0,007	0,080	FALSE
0,078	0,312	0,002	0,012	0,062	FALSE
0,019	0,302	0,001	0,008	0,031	FALSE
0,067	0,305	0,001	0,007	0,080	FALSE
-0,121	0,292	-0,005	0,013	0,164	FALSE
0,044	0,317	0,001	0,008	0,056	FALSE
-0,090	0,317	-0,002	0,008	0,108	FALSE
-0,133	0,303	-0,004	0,009	0,174	FALSE
0,134	0,318	0,005	0,012	0,171	FALSE
0,010	0,300	0,000	0,012	0,013	FALSE
0,104	0,291	0,003	0,007	0,209	FALSE
0,101	0,313	0,004	0,012	0,130	FALSE
0,024	0,309	0,001	0,011	0,050	FALSE
-0,191	0,295	-0,008	0,013	0,281	FALSE
-0,008	0,311	-0,001	0,011	0,020	FALSE
-0,025	0,308	-0,001	0,006	0,032	FALSE
-0,007	0,303	0,000	0,006	0,023	FALSE
0,040	0,306	0,002	0,010	0,073	FALSE
0,080	0,303	0,002	0,012	0,075	FALSE

0,090	0,309	0,004	0,013	0,117	FALSE
0,048	0,309	0,002	0,012	0,052	FALSE
-0,068	0,303	-0,002	0,007	0,104	FALSE
-0,058	0,320	-0,002	0,008	0,096	FALSE
0,025	0,315	0,001	0,012	0,039	FALSE
0,001	0,305	0,001	0,010	0,025	FALSE
-0,062	0,306	-0,002	0,009	0,082	FALSE
0,043	0,318	0,001	0,007	0,043	FALSE
0,062	0,300	0,001	0,007	0,084	FALSE
-0,127	0,309	-0,004	0,009	0,192	FALSE
0,122	0,311	0,003	0,008	0,174	FALSE
0,165	0,283	0,004	0,007	0,272	FALSE
-0,068	0,299	-0,002	0,012	0,077	FALSE
0,106	0,299	0,002	0,007	0,109	FALSE
0,032	0,282	0,000	0,011	0,008	FALSE
-0,031	0,297	-0,001	0,007	0,048	FALSE
-0,072	0,303	-0,002	0,010	0,098	FALSE
0,020	0,292	0,001	0,009	0,052	FALSE
0,011	0,307	0,000	0,013	0,000	FALSE
-0,079	0,313	-0,001	0,006	0,083	FALSE
-0,058	0,311	-0,002	0,010	0,067	FALSE
0,244	0,293	0,007	0,009	0,371	FALSE
-0,013	0,307	0,000	0,010	0,001	FALSE
0,008	0,312	0,000	0,007	0,005	FALSE
0,025	0,300	0,000	0,007	0,018	FALSE
0,011	0,315	0,001	0,010	0,031	FALSE
0,046	0,311	0,001	0,012	0,036	FALSE
0,029	0,297	0,000	0,011	0,006	FALSE
-0,060	0,301	-0,002	0,009	0,082	FALSE
0,070	0,301	0,003	0,012	0,095	FALSE
-0,050	0,303	-0,001	0,008	0,035	FALSE
-0,147	0,309	-0,005	0,010	0,207	FALSE
0,168	0,290	0,005	0,008	0,277	FALSE
0,001	0,296	-0,001	0,007	0,028	FALSE
0,098	0,303	0,004	0,013	0,113	FALSE
0,067	0,321	0,001	0,007	0,079	FALSE
-0,039	0,295	0,000	0,006	0,026	FALSE
0,155	0,295	0,003	0,006	0,191	FALSE
-0,155	0,295	-0,004	0,008	0,224	FALSE
-0,065	0,306	-0,003	0,011	0,092	FALSE
0,064	0,304	0,002	0,006	0,120	FALSE
0,010	0,296	0,001	0,011	0,032	FALSE
-0,035	0,304	-0,002	0,013	0,051	FALSE
-0,106	0,303	-0,003	0,009	0,137	FALSE
-0,083	0,318	-0,002	0,008	0,070	FALSE
0,056	0,312	0,002	0,010	0,063	FALSE
-0,067	0,326	-0,003	0,009	0,123	FALSE
-0,093	0,304	-0,005	0,012	0,168	FALSE
0,022	0,304	0,001	0,011	0,039	FALSE
-0,121	0,305	-0,004	0,009	0,186	FALSE
0,077	0,295	0,001	0,007	0,070	FALSE
-0,036	0,303	-0,001	0,006	0,040	FALSE
-0,004	0,309	-0,001	0,009	0,036	FALSE

-0,105	0,303	-0,002	0,008	0,108	FALSE
-0,084	0,303	-0,002	0,008	0,094	FALSE
-0,119	0,303	-0,005	0,012	0,166	FALSE
-0,035	0,314	-0,001	0,008	0,047	FALSE
-0,133	0,307	-0,006	0,012	0,202	FALSE
-0,146	0,305	-0,006	0,013	0,214	FALSE
-0,090	0,300	-0,003	0,007	0,153	FALSE
0,001	0,308	0,000	0,010	0,007	FALSE
0,102	0,301	0,003	0,010	0,104	FALSE
0,040	0,312	0,002	0,012	0,059	FALSE
0,059	0,313	0,001	0,007	0,061	FALSE
0,062	0,307	0,001	0,007	0,065	FALSE
0,014	0,312	0,001	0,011	0,034	FALSE
-0,081	0,312	-0,002	0,008	0,121	FALSE
-0,001	0,309	0,000	0,012	0,010	FALSE
0,055	0,312	0,001	0,006	0,069	FALSE
0,027	0,308	0,000	0,008	0,018	FALSE
0,062	0,305	0,002	0,009	0,071	FALSE
-0,055	0,309	-0,001	0,011	0,045	FALSE
-0,203	0,286	-0,008	0,012	0,281	FALSE
-0,161	0,305	-0,003	0,007	0,207	FALSE
0,084	0,300	0,002	0,007	0,102	FALSE
-0,002	0,304	0,000	0,010	0,005	FALSE
0,055	0,308	0,002	0,012	0,074	FALSE
0,045	0,306	0,001	0,007	0,068	FALSE
0,040	0,310	0,002	0,012	0,074	FALSE
-0,092	0,324	-0,003	0,008	0,131	FALSE
-0,104	0,304	-0,003	0,007	0,151	FALSE
0,034	0,295	0,001	0,012	0,032	FALSE
0,173	0,306	0,004	0,007	0,234	FALSE
-0,110	0,317	-0,003	0,008	0,146	FALSE
-0,122	0,304	-0,004	0,011	0,155	FALSE
-0,009	0,303	0,000	0,007	0,020	FALSE
0,068	0,314	0,002	0,008	0,070	FALSE
-0,127	0,322	-0,005	0,012	0,167	FALSE
-0,063	0,302	-0,002	0,007	0,089	FALSE
-0,017	0,311	-0,001	0,009	0,031	FALSE
0,091	0,304	0,003	0,010	0,110	FALSE
-0,108	0,304	-0,002	0,008	0,119	FALSE
0,003	0,309	0,000	0,009	0,004	FALSE
0,053	0,299	0,001	0,007	0,078	FALSE
0,042	0,297	0,002	0,012	0,070	FALSE
-0,015	0,301	0,000	0,008	0,005	FALSE
0,054	0,300	0,001	0,012	0,043	FALSE
-0,091	0,300	-0,002	0,008	0,091	FALSE
-0,179	0,299	-0,005	0,008	0,269	FALSE
0,015	0,299	0,001	0,010	0,022	FALSE
0,110	0,298	0,004	0,011	0,161	FALSE
0,089	0,301	0,003	0,011	0,126	FALSE
-0,037	0,288	-0,002	0,011	0,060	FALSE
-0,051	0,300	-0,002	0,010	0,076	FALSE
0,035	0,296	0,001	0,007	0,062	FALSE
0,035	0,308	0,000	0,011	0,015	FALSE

0,058	0,310	0,001	0,010	0,047	FALSE
0,015	0,303	0,000	0,013	0,010	FALSE
0,065	0,303	0,001	0,007	0,026	FALSE
-0,086	0,310	-0,002	0,008	0,093	FALSE
0,123	0,309	0,004	0,008	0,202	FALSE
0,027	0,307	0,001	0,012	0,016	FALSE
0,055	0,305	0,002	0,012	0,057	FALSE
0,037	0,316	0,001	0,006	0,057	FALSE
-0,052	0,294	-0,002	0,010	0,055	FALSE
-0,017	0,309	0,000	0,007	0,019	FALSE
0,031	0,305	0,001	0,007	0,065	FALSE
0,016	0,310	0,000	0,013	0,005	FALSE
0,107	0,288	0,002	0,007	0,131	FALSE
-0,044	0,299	-0,001	0,012	0,042	FALSE
-0,029	0,321	-0,001	0,008	0,029	FALSE
-0,100	0,295	-0,002	0,007	0,144	FALSE
0,030	0,306	0,000	0,007	0,002	FALSE
0,053	0,304	0,001	0,010	0,046	FALSE
0,053	0,308	0,001	0,010	0,042	FALSE
-0,030	0,309	-0,002	0,010	0,077	FALSE
0,037	0,289	0,002	0,011	0,050	FALSE
-0,121	0,296	-0,003	0,007	0,179	FALSE
-0,095	0,313	-0,003	0,010	0,129	FALSE
0,089	0,299	0,004	0,008	0,188	FALSE
0,048	0,299	0,002	0,012	0,050	FALSE
0,114	0,302	0,003	0,007	0,146	FALSE
-0,106	0,312	-0,002	0,008	0,124	FALSE
-0,106	0,299	-0,003	0,009	0,122	FALSE
0,044	0,317	0,001	0,007	0,029	FALSE
-0,025	0,311	-0,001	0,012	0,028	FALSE
0,098	0,305	0,002	0,007	0,113	FALSE
-0,023	0,292	0,000	0,009	0,011	FALSE
-0,103	0,295	-0,004	0,012	0,129	FALSE
-0,101	0,304	-0,004	0,013	0,131	FALSE
-0,067	0,307	-0,002	0,010	0,093	FALSE
-0,130	0,303	-0,006	0,011	0,236	FALSE
0,098	0,311	0,004	0,013	0,143	FALSE
0,057	0,306	0,002	0,008	0,097	FALSE
-0,024	0,310	0,000	0,007	0,020	FALSE
-0,041	0,311	-0,001	0,011	0,018	FALSE
0,012	0,320	0,000	0,007	0,023	FALSE
0,146	0,296	0,004	0,008	0,198	FALSE
-0,027	0,310	-0,001	0,010	0,033	FALSE
0,095	0,305	0,003	0,012	0,104	FALSE
0,127	0,288	0,005	0,012	0,157	TRUE
0,040	0,306	0,001	0,010	0,036	FALSE
0,079	0,312	0,002	0,010	0,090	FALSE
0,040	0,313	0,001	0,009	0,050	FALSE
0,055	0,313	0,002	0,010	0,068	FALSE
0,061	0,311	0,002	0,008	0,087	FALSE
-0,147	0,304	-0,007	0,013	0,241	FALSE
0,095	0,319	0,004	0,011	0,132	FALSE
0,129	0,298	0,005	0,010	0,184	FALSE

-0,139	0,316	-0,007	0,013	0,215	FALSE
-0,047	0,308	-0,001	0,007	0,040	FALSE
-0,163	0,301	-0,007	0,013	0,245	FALSE
-0,043	0,304	-0,002	0,010	0,083	FALSE
0,019	0,304	0,001	0,012	0,021	FALSE
-0,104	0,305	-0,005	0,013	0,170	FALSE
-0,122	0,315	-0,006	0,013	0,199	FALSE
0,043	0,309	0,002	0,011	0,051	FALSE
-0,096	0,303	-0,005	0,011	0,175	FALSE
-0,056	0,308	-0,003	0,010	0,113	FALSE
-0,038	0,323	-0,001	0,008	0,056	FALSE
0,019	0,287	0,001	0,011	0,045	FALSE
-0,011	0,302	0,000	0,012	0,001	FALSE
0,102	0,296	0,004	0,011	0,155	FALSE
0,132	0,312	0,005	0,011	0,184	FALSE
0,112	0,303	0,004	0,010	0,161	FALSE
0,109	0,298	0,004	0,011	0,158	FALSE
0,169	0,297	0,006	0,010	0,241	FALSE
0,164	0,299	0,006	0,010	0,240	FALSE
0,020	0,309	0,001	0,009	0,036	FALSE
0,045	0,304	0,002	0,008	0,072	FALSE
0,114	0,303	0,004	0,012	0,137	FALSE
0,042	0,322	0,001	0,007	0,029	FALSE
-0,010	0,315	0,000	0,009	0,009	FALSE
-0,020	0,311	0,000	0,010	0,002	FALSE
0,165	0,295	0,004	0,008	0,231	FALSE
0,114	0,302	0,003	0,009	0,130	FALSE
-0,140	0,302	-0,004	0,008	0,204	FALSE
-0,190	0,286	-0,003	0,006	0,237	FALSE
-0,048	0,295	-0,001	0,009	0,057	FALSE
-0,050	0,306	-0,001	0,007	0,065	FALSE
0,052	0,305	0,001	0,008	0,056	FALSE
0,081	0,294	0,003	0,011	0,117	FALSE
-0,089	0,299	-0,002	0,008	0,086	FALSE
-0,063	0,306	-0,002	0,010	0,074	FALSE
-0,102	0,299	-0,003	0,009	0,123	FALSE
0,078	0,318	0,003	0,010	0,118	FALSE
-0,068	0,300	-0,003	0,013	0,083	FALSE
-0,137	0,307	-0,004	0,010	0,149	FALSE
0,056	0,309	0,002	0,012	0,053	FALSE
0,058	0,305	0,002	0,013	0,060	FALSE
-0,029	0,311	0,000	0,009	0,005	FALSE
0,094	0,303	0,004	0,012	0,122	FALSE
-0,084	0,296	-0,004	0,011	0,143	FALSE
-0,092	0,312	-0,003	0,013	0,097	FALSE
-0,005	0,288	0,001	0,010	0,050	FALSE
-0,060	0,309	-0,002	0,007	0,094	FALSE
-0,028	0,308	-0,001	0,008	0,040	FALSE
-0,049	0,285	-0,002	0,010	0,060	FALSE
0,128	0,297	0,003	0,008	0,170	FALSE
0,024	0,327	0,000	0,013	0,013	FALSE
0,198	0,300	0,007	0,010	0,326	FALSE
-0,104	0,301	-0,003	0,010	0,131	FALSE

-0,040	0,304	-0,001	0,007	0,028	FALSE
0,054	0,295	0,001	0,008	0,037	FALSE
0,065	0,300	0,001	0,008	0,046	FALSE
0,058	0,279	0,001	0,008	0,054	FALSE
-0,003	0,305	0,000	0,009	0,019	FALSE
0,123	0,309	0,005	0,012	0,182	FALSE
0,118	0,300	0,006	0,012	0,195	FALSE
-0,162	0,300	-0,007	0,013	0,234	FALSE
-0,186	0,305	-0,008	0,012	0,269	FALSE
-0,037	0,304	-0,001	0,009	0,043	FALSE
0,043	0,316	0,001	0,009	0,047	FALSE
0,084	0,324	0,002	0,009	0,099	FALSE
0,023	0,319	0,000	0,009	0,014	FALSE
0,003	0,293	0,001	0,012	0,019	FALSE
-0,150	0,321	-0,005	0,010	0,200	FALSE
-0,065	0,295	-0,003	0,009	0,115	FALSE
0,010	0,312	0,001	0,010	0,021	FALSE
-0,117	0,310	-0,004	0,011	0,129	FALSE
-0,009	0,309	0,000	0,011	0,016	FALSE
0,024	0,310	0,000	0,008	0,006	FALSE
-0,058	0,312	-0,002	0,008	0,070	FALSE
-0,058	0,311	-0,002	0,009	0,067	FALSE
-0,068	0,308	-0,002	0,009	0,071	FALSE
0,175	0,305	0,003	0,007	0,224	FALSE
-0,001	0,299	-0,001	0,007	0,030	FALSE
0,036	0,309	0,000	0,011	0,015	FALSE
-0,011	0,299	-0,001	0,007	0,046	FALSE
-0,053	0,311	-0,001	0,011	0,049	FALSE
0,023	0,301	0,001	0,012	0,018	FALSE
0,032	0,303	0,001	0,007	0,049	FALSE
-0,128	0,309	-0,004	0,008	0,198	FALSE
-0,087	0,310	-0,003	0,008	0,121	FALSE
-0,059	0,315	-0,001	0,007	0,062	FALSE
0,106	0,300	0,003	0,007	0,176	FALSE
0,067	0,308	0,002	0,009	0,094	FALSE
-0,052	0,315	-0,001	0,009	0,053	FALSE
0,022	0,323	0,001	0,007	0,040	FALSE
-0,067	0,313	-0,001	0,011	0,047	FALSE
-0,077	0,319	-0,002	0,007	0,077	FALSE
0,047	0,306	0,001	0,009	0,044	FALSE
-0,052	0,314	-0,001	0,006	0,060	FALSE
-0,060	0,308	-0,001	0,006	0,074	FALSE
-0,038	0,315	-0,001	0,007	0,051	FALSE
-0,081	0,307	-0,003	0,010	0,103	FALSE
-0,058	0,318	-0,003	0,013	0,077	FALSE
-0,054	0,302	-0,002	0,009	0,077	FALSE
-0,004	0,305	0,000	0,009	0,002	FALSE
-0,028	0,304	-0,001	0,009	0,043	FALSE
-0,036	0,311	-0,001	0,009	0,054	FALSE
0,022	0,304	0,001	0,011	0,032	FALSE
0,037	0,303	0,001	0,011	0,037	FALSE
-0,026	0,303	-0,001	0,009	0,052	FALSE
0,011	0,305	0,000	0,007	0,020	FALSE

-0,126	0,306	-0,003	0,007	0,167	FALSE
-0,019	0,296	0,000	0,008	0,017	FALSE
-0,020	0,310	-0,001	0,008	0,022	FALSE
0,185	0,302	0,006	0,009	0,275	FALSE
-0,197	0,297	-0,009	0,012	0,349	FALSE
-0,081	0,292	-0,002	0,006	0,122	FALSE
-0,088	0,298	-0,003	0,009	0,134	FALSE
0,068	0,316	0,002	0,010	0,079	FALSE
0,080	0,309	0,003	0,012	0,100	FALSE
0,032	0,309	0,001	0,012	0,020	FALSE
0,069	0,307	0,002	0,006	0,111	FALSE
-0,083	0,311	-0,003	0,013	0,092	FALSE
0,035	0,300	0,002	0,011	0,062	FALSE
-0,024	0,318	0,000	0,007	0,012	FALSE
0,032	0,323	0,001	0,008	0,037	FALSE
0,059	0,308	0,001	0,007	0,080	FALSE
0,072	0,304	0,003	0,012	0,095	FALSE
0,042	0,306	0,001	0,007	0,048	FALSE
-0,082	0,303	-0,003	0,012	0,099	FALSE
-0,020	0,309	-0,001	0,011	0,029	FALSE
0,039	0,320	0,001	0,007	0,062	FALSE
0,016	0,302	0,000	0,007	0,017	FALSE
-0,028	0,309	-0,001	0,008	0,037	FALSE
-0,015	0,303	0,000	0,013	0,001	FALSE
0,057	0,301	0,003	0,009	0,111	FALSE
-0,117	0,306	-0,003	0,007	0,159	FALSE
0,021	0,305	0,000	0,011	0,001	FALSE
-0,051	0,313	-0,003	0,013	0,085	FALSE
0,023	0,326	0,001	0,007	0,055	FALSE
0,085	0,313	0,002	0,009	0,086	FALSE
-0,005	0,310	0,000	0,009	0,009	FALSE
0,030	0,294	0,001	0,009	0,027	FALSE
-0,105	0,312	-0,002	0,008	0,125	FALSE
-0,019	0,307	-0,001	0,011	0,020	FALSE
0,106	0,314	0,003	0,008	0,139	FALSE
-0,018	0,303	0,000	0,011	0,012	FALSE
-0,109	0,303	-0,002	0,008	0,121	FALSE
-0,036	0,311	-0,001	0,009	0,052	FALSE
-0,013	0,284	-0,001	0,008	0,049	FALSE
0,087	0,300	0,003	0,006	0,162	FALSE
0,099	0,315	0,003	0,009	0,121	FALSE
0,074	0,309	0,002	0,008	0,082	FALSE
0,096	0,305	0,002	0,008	0,107	FALSE
0,085	0,316	0,002	0,009	0,084	FALSE
0,110	0,304	0,003	0,008	0,137	FALSE
0,121	0,302	0,003	0,008	0,144	FALSE
0,022	0,304	0,001	0,008	0,022	FALSE
-0,040	0,322	-0,001	0,007	0,033	FALSE
-0,054	0,319	-0,001	0,007	0,034	FALSE
-0,024	0,302	-0,001	0,006	0,030	FALSE
0,190	0,293	0,007	0,011	0,270	FALSE
-0,005	0,300	0,000	0,006	0,002	FALSE
0,093	0,314	0,003	0,010	0,117	FALSE

0,058	0,306	0,001	0,006	0,048	FALSE
0,025	0,318	0,001	0,007	0,036	FALSE
-0,108	0,290	-0,004	0,010	0,148	FALSE
0,119	0,305	0,004	0,009	0,184	FALSE
0,178	0,318	0,006	0,011	0,219	FALSE
-0,045	0,300	-0,001	0,007	0,056	FALSE
-0,071	0,302	-0,002	0,011	0,071	FALSE
-0,046	0,289	-0,001	0,008	0,038	FALSE
0,119	0,303	0,003	0,008	0,171	FALSE
-0,039	0,282	0,000	0,009	0,014	FALSE
-0,061	0,300	-0,001	0,009	0,047	FALSE
0,040	0,321	0,001	0,009	0,049	FALSE
0,087	0,301	0,003	0,012	0,085	FALSE
0,017	0,321	0,000	0,010	0,016	FALSE
0,035	0,305	0,000	0,008	0,016	FALSE
0,141	0,308	0,005	0,011	0,191	FALSE
0,089	0,304	0,003	0,012	0,100	FALSE
-0,001	0,316	-0,001	0,013	0,022	FALSE
0,006	0,308	0,000	0,006	0,015	FALSE
0,093	0,307	0,003	0,009	0,115	FALSE
0,112	0,314	0,003	0,007	0,146	FALSE
0,122	0,305	0,004	0,012	0,139	FALSE
-0,124	0,283	-0,005	0,011	0,163	FALSE
-0,036	0,322	-0,001	0,010	0,044	FALSE
0,063	0,310	0,002	0,012	0,059	FALSE
0,087	0,313	0,003	0,013	0,079	FALSE
-0,004	0,317	0,000	0,013	0,011	FALSE
-0,091	0,297	-0,003	0,008	0,123	FALSE
-0,120	0,287	-0,004	0,008	0,184	FALSE
-0,103	0,298	-0,003	0,008	0,147	FALSE
0,015	0,309	0,001	0,012	0,015	FALSE
-0,064	0,323	-0,001	0,009	0,056	FALSE
0,075	0,304	0,002	0,012	0,069	FALSE
-0,094	0,307	-0,004	0,009	0,160	FALSE
-0,113	0,312	-0,004	0,009	0,175	FALSE
0,060	0,319	0,002	0,013	0,060	FALSE
0,048	0,305	0,001	0,007	0,034	FALSE
0,037	0,321	0,001	0,010	0,049	FALSE
0,086	0,295	0,002	0,006	0,111	FALSE
-0,055	0,318	-0,001	0,007	0,077	FALSE
0,007	0,321	0,001	0,009	0,023	FALSE
0,116	0,297	0,003	0,007	0,171	FALSE
-0,163	0,310	-0,005	0,009	0,247	FALSE
-0,054	0,296	-0,002	0,008	0,082	FALSE
-0,026	0,307	-0,001	0,007	0,038	FALSE
0,043	0,307	0,001	0,009	0,059	FALSE
-0,021	0,316	0,000	0,006	0,007	FALSE
0,090	0,296	0,005	0,013	0,145	FALSE
-0,095	0,322	-0,002	0,008	0,105	FALSE
0,037	0,304	0,001	0,008	0,064	FALSE
0,084	0,299	0,002	0,010	0,095	FALSE
-0,035	0,312	0,000	0,007	0,014	FALSE
-0,274	0,281	-0,010	0,010	0,477	FALSE

-0,087	0,302	-0,002	0,006	0,121	FALSE
-0,026	0,314	-0,001	0,012	0,035	FALSE
-0,120	0,313	-0,005	0,013	0,144	FALSE
0,155	0,302	0,006	0,009	0,266	FALSE
0,077	0,307	0,002	0,007	0,114	FALSE
-0,050	0,316	-0,001	0,008	0,050	FALSE
0,058	0,314	0,003	0,011	0,084	FALSE
-0,067	0,317	-0,001	0,007	0,068	FALSE
0,015	0,309	0,000	0,008	0,002	FALSE
0,053	0,300	0,001	0,011	0,040	FALSE
0,019	0,311	0,001	0,007	0,040	FALSE
-0,006	0,300	0,000	0,006	0,008	FALSE
-0,089	0,295	-0,002	0,006	0,126	FALSE
-0,113	0,309	-0,002	0,006	0,149	FALSE
0,138	0,305	0,003	0,008	0,155	FALSE
-0,097	0,300	-0,004	0,012	0,140	FALSE
0,148	0,305	0,003	0,007	0,161	FALSE
-0,120	0,303	-0,005	0,011	0,175	FALSE
-0,066	0,309	-0,001	0,006	0,063	FALSE
0,065	0,318	0,002	0,010	0,086	FALSE
0,058	0,315	0,003	0,012	0,099	FALSE
0,026	0,296	0,001	0,009	0,051	FALSE
-0,105	0,305	-0,002	0,006	0,125	FALSE
0,222	0,295	0,008	0,011	0,315	FALSE
-0,019	0,316	0,000	0,009	0,004	FALSE
0,055	0,308	0,003	0,013	0,091	FALSE
-0,030	0,306	0,000	0,011	0,013	FALSE
-0,050	0,312	-0,001	0,007	0,066	FALSE
-0,024	0,317	-0,001	0,007	0,037	FALSE
0,050	0,306	0,001	0,012	0,040	FALSE
-0,146	0,313	-0,003	0,007	0,156	FALSE
0,011	0,304	0,000	0,007	0,020	FALSE
-0,092	0,306	-0,004	0,011	0,130	FALSE
-0,094	0,302	-0,002	0,007	0,124	FALSE
0,080	0,310	0,002	0,008	0,118	FALSE
0,105	0,316	0,002	0,008	0,104	FALSE
-0,024	0,315	0,000	0,011	0,015	FALSE
0,022	0,296	0,001	0,011	0,023	FALSE
-0,017	0,298	-0,001	0,009	0,028	FALSE
-0,140	0,318	-0,005	0,013	0,156	FALSE
-0,048	0,305	-0,001	0,009	0,044	FALSE
-0,042	0,304	-0,001	0,009	0,052	FALSE
-0,183	0,302	-0,004	0,007	0,265	FALSE
-0,009	0,308	0,000	0,012	0,009	FALSE
-0,078	0,307	-0,002	0,008	0,092	FALSE
0,050	0,301	0,002	0,011	0,078	FALSE
-0,008	0,304	0,000	0,007	0,021	FALSE
0,030	0,316	0,000	0,008	0,012	FALSE
0,169	0,300	0,004	0,007	0,224	FALSE
0,106	0,312	0,003	0,008	0,123	FALSE
0,038	0,308	0,001	0,009	0,044	FALSE
-0,042	0,310	-0,002	0,012	0,060	FALSE
0,095	0,301	0,003	0,012	0,102	FALSE

0,031	0,316	0,002	0,013	0,049	FALSE
0,013	0,318	0,001	0,007	0,053	FALSE
-0,028	0,314	-0,002	0,012	0,051	FALSE
0,005	0,312	0,001	0,007	0,028	FALSE
-0,094	0,303	-0,002	0,007	0,123	FALSE
0,072	0,299	0,001	0,006	0,077	FALSE
-0,135	0,296	-0,004	0,009	0,165	FALSE
-0,009	0,314	0,000	0,011	0,010	FALSE
-0,119	0,318	-0,003	0,007	0,141	FALSE
-0,015	0,306	-0,001	0,011	0,024	FALSE
-0,086	0,304	-0,002	0,007	0,100	FALSE
-0,069	0,303	-0,003	0,011	0,100	FALSE
-0,074	0,311	-0,003	0,011	0,098	FALSE
-0,045	0,309	-0,001	0,007	0,052	FALSE
0,006	0,301	0,001	0,012	0,024	FALSE
-0,093	0,310	-0,003	0,011	0,123	FALSE
0,126	0,299	0,004	0,010	0,164	FALSE
0,097	0,305	0,002	0,006	0,106	FALSE
0,062	0,308	0,002	0,012	0,055	FALSE
-0,027	0,314	-0,002	0,012	0,051	FALSE
0,024	0,313	0,000	0,008	0,016	FALSE
0,050	0,297	0,001	0,008	0,059	FALSE
0,070	0,312	0,002	0,012	0,064	FALSE
-0,045	0,297	0,000	0,008	0,018	FALSE
-0,054	0,294	-0,001	0,009	0,051	FALSE
0,114	0,310	0,002	0,007	0,152	FALSE
0,015	0,287	0,000	0,012	0,012	FALSE
-0,116	0,311	-0,002	0,008	0,109	FALSE
0,062	0,311	0,001	0,007	0,070	FALSE
0,008	0,304	0,001	0,009	0,044	FALSE
-0,040	0,289	-0,001	0,010	0,026	FALSE
0,014	0,299	0,000	0,011	0,016	FALSE
0,136	0,306	0,005	0,011	0,198	FALSE
0,068	0,314	0,002	0,007	0,112	FALSE
0,092	0,289	0,003	0,008	0,167	FALSE
0,020	0,306	0,000	0,007	0,024	FALSE
0,042	0,312	0,001	0,010	0,028	FALSE
-0,006	0,298	-0,001	0,012	0,036	FALSE
0,105	0,301	0,003	0,008	0,133	FALSE
-0,087	0,305	-0,003	0,010	0,105	FALSE
-0,102	0,315	-0,002	0,007	0,121	FALSE
0,032	0,310	0,001	0,007	0,032	FALSE
0,141	0,300	0,005	0,010	0,201	FALSE
0,136	0,310	0,005	0,011	0,191	FALSE
0,049	0,318	0,001	0,007	0,079	FALSE
-0,149	0,304	-0,003	0,007	0,213	FALSE
-0,134	0,329	-0,003	0,007	0,164	FALSE
-0,131	0,318	-0,004	0,008	0,195	FALSE
-0,044	0,319	-0,002	0,013	0,048	FALSE
-0,027	0,306	-0,001	0,007	0,053	FALSE
-0,014	0,296	0,000	0,011	0,005	FALSE
0,039	0,304	0,001	0,006	0,031	FALSE
0,034	0,308	0,000	0,006	0,006	FALSE

-0,056	0,303	-0,001	0,006	0,083	FALSE
0,059	0,307	0,002	0,009	0,084	FALSE
0,015	0,318	0,000	0,007	0,011	FALSE
-0,014	0,308	0,000	0,007	0,021	FALSE
-0,047	0,303	-0,002	0,010	0,066	FALSE
-0,004	0,299	0,000	0,009	0,017	FALSE
-0,084	0,324	-0,002	0,009	0,086	FALSE
-0,117	0,293	-0,005	0,012	0,152	FALSE
0,007	0,312	0,001	0,006	0,030	FALSE
0,035	0,298	0,000	0,009	0,010	FALSE
0,014	0,294	0,000	0,009	0,005	FALSE
0,019	0,314	0,001	0,007	0,043	FALSE
-0,079	0,297	-0,003	0,011	0,120	FALSE
-0,023	0,302	-0,001	0,011	0,031	FALSE
-0,058	0,297	-0,002	0,011	0,059	FALSE
-0,127	0,310	-0,004	0,010	0,176	FALSE
-0,035	0,301	-0,001	0,007	0,042	FALSE
-0,015	0,297	0,000	0,011	0,000	FALSE
-0,016	0,315	0,000	0,007	0,005	FALSE
-0,007	0,311	0,000	0,007	0,004	FALSE
0,010	0,304	0,000	0,010	0,007	FALSE
-0,052	0,306	-0,001	0,009	0,052	FALSE
0,016	0,318	0,000	0,011	0,006	FALSE
-0,005	0,297	0,000	0,009	0,010	FALSE
-0,061	0,288	-0,002	0,010	0,075	FALSE
-0,068	0,327	-0,001	0,007	0,074	FALSE
0,017	0,303	0,001	0,007	0,037	FALSE
0,052	0,306	0,001	0,009	0,061	FALSE
0,062	0,303	0,002	0,008	0,110	FALSE
-0,059	0,326	-0,002	0,008	0,072	FALSE
0,035	0,326	0,001	0,007	0,055	FALSE
-0,034	0,305	-0,001	0,009	0,040	FALSE
-0,044	0,317	-0,001	0,007	0,042	FALSE
-0,028	0,308	0,000	0,008	0,019	FALSE
0,014	0,313	0,001	0,008	0,034	FALSE
-0,033	0,302	0,000	0,009	0,009	FALSE
0,050	0,302	0,001	0,009	0,065	FALSE
0,039	0,304	0,002	0,008	0,072	FALSE
-0,026	0,320	-0,001	0,012	0,015	FALSE
-0,029	0,310	-0,001	0,012	0,021	FALSE
0,055	0,309	0,002	0,011	0,075	FALSE
-0,028	0,309	-0,001	0,013	0,016	FALSE
0,043	0,307	0,002	0,012	0,047	FALSE
-0,044	0,306	-0,002	0,013	0,053	FALSE
-0,008	0,319	0,000	0,008	0,003	FALSE
-0,007	0,316	0,000	0,008	0,004	FALSE
-0,019	0,307	-0,002	0,012	0,048	FALSE
-0,006	0,310	0,000	0,013	0,005	FALSE
-0,013	0,305	0,000	0,013	0,004	FALSE
0,015	0,301	0,000	0,009	0,014	FALSE
0,018	0,300	0,002	0,012	0,045	FALSE
0,095	0,303	0,003	0,008	0,121	FALSE
0,107	0,300	0,003	0,010	0,138	FALSE

0,089	0,306	0,003	0,010	0,104	FALSE
0,073	0,296	0,002	0,009	0,107	FALSE
0,093	0,303	0,003	0,009	0,136	FALSE
-0,015	0,309	0,000	0,013	0,001	FALSE
0,045	0,309	0,002	0,008	0,073	FALSE
0,080	0,305	0,002	0,008	0,116	FALSE
0,050	0,315	0,001	0,010	0,040	FALSE
-0,207	0,314	-0,006	0,009	0,281	FALSE
-0,021	0,316	-0,001	0,012	0,022	FALSE
0,044	0,306	0,001	0,008	0,052	FALSE
-0,017	0,330	-0,001	0,014	0,018	FALSE
-0,029	0,312	-0,002	0,013	0,043	FALSE
-0,083	0,312	-0,003	0,012	0,095	FALSE
0,025	0,312	0,001	0,012	0,027	FALSE
0,054	0,304	0,001	0,008	0,049	FALSE
0,060	0,304	0,001	0,008	0,068	FALSE
0,070	0,301	0,002	0,008	0,074	FALSE
-0,088	0,306	-0,002	0,007	0,097	FALSE
-0,087	0,317	-0,002	0,009	0,106	FALSE
0,072	0,304	0,002	0,008	0,091	FALSE
-0,065	0,308	-0,002	0,009	0,111	FALSE
-0,138	0,305	-0,004	0,008	0,198	FALSE
0,100	0,298	0,002	0,009	0,098	FALSE
0,024	0,301	0,001	0,010	0,030	FALSE
0,032	0,317	0,001	0,008	0,033	FALSE
0,097	0,308	0,003	0,011	0,118	FALSE
-0,025	0,309	-0,001	0,010	0,036	FALSE
-0,055	0,333	-0,002	0,010	0,074	FALSE
0,005	0,312	0,000	0,007	0,011	FALSE
0,071	0,294	0,002	0,008	0,069	FALSE
0,046	0,319	0,001	0,008	0,061	FALSE
0,071	0,304	0,002	0,008	0,098	FALSE
-0,162	0,306	-0,005	0,011	0,212	FALSE
0,025	0,300	0,001	0,007	0,059	FALSE
-0,022	0,305	0,000	0,012	0,002	FALSE
-0,064	0,320	-0,002	0,013	0,064	FALSE
0,010	0,314	0,000	0,011	0,005	FALSE
0,025	0,299	0,001	0,007	0,049	FALSE
-0,027	0,311	-0,002	0,013	0,054	FALSE
0,084	0,313	0,002	0,007	0,101	FALSE
-0,027	0,314	-0,001	0,009	0,024	FALSE
-0,054	0,324	-0,002	0,012	0,069	FALSE
-0,126	0,313	-0,003	0,007	0,153	FALSE
0,014	0,301	0,000	0,012	0,012	FALSE
-0,004	0,312	0,000	0,012	0,012	FALSE
0,102	0,308	0,002	0,010	0,090	FALSE
0,020	0,330	0,000	0,013	0,010	FALSE
0,000	0,317	-0,001	0,010	0,037	FALSE
0,096	0,300	0,002	0,006	0,158	FALSE
-0,050	0,303	0,000	0,006	0,027	FALSE
-0,002	0,302	0,000	0,009	0,016	FALSE
0,081	0,312	0,002	0,009	0,083	FALSE
0,102	0,307	0,002	0,007	0,110	FALSE

-0,054	0,304	-0,003	0,011	0,110	FALSE
-0,068	0,306	-0,002	0,008	0,095	FALSE
-0,010	0,303	0,000	0,008	0,007	FALSE
0,045	0,313	0,002	0,007	0,079	FALSE
0,121	0,312	0,002	0,007	0,139	FALSE
0,071	0,299	0,002	0,008	0,081	FALSE
-0,096	0,305	-0,003	0,010	0,138	FALSE
-0,023	0,310	-0,001	0,007	0,036	FALSE
-0,041	0,312	-0,001	0,008	0,061	FALSE
0,026	0,310	0,001	0,008	0,036	FALSE
-0,013	0,316	0,000	0,011	0,001	FALSE
-0,109	0,310	-0,004	0,013	0,110	FALSE
-0,074	0,301	-0,002	0,010	0,061	FALSE
-0,018	0,313	0,000	0,007	0,016	FALSE
-0,062	0,323	-0,001	0,007	0,058	FALSE
-0,030	0,308	-0,003	0,013	0,091	FALSE
0,100	0,297	0,004	0,012	0,125	FALSE
0,014	0,319	0,000	0,012	0,001	FALSE
0,058	0,299	0,002	0,008	0,111	FALSE
0,098	0,312	0,003	0,009	0,158	FALSE
0,156	0,299	0,003	0,006	0,192	FALSE
0,222	0,303	0,007	0,009	0,314	FALSE
0,215	0,284	0,007	0,009	0,334	FALSE
-0,080	0,317	-0,002	0,007	0,121	FALSE
0,079	0,288	0,002	0,007	0,137	FALSE
-0,124	0,301	-0,003	0,009	0,138	FALSE
-0,010	0,317	0,000	0,007	0,021	FALSE
-0,011	0,323	0,000	0,012	0,007	FALSE
-0,044	0,301	-0,001	0,008	0,028	FALSE
-0,096	0,311	-0,002	0,009	0,091	FALSE
-0,024	0,300	-0,001	0,012	0,045	FALSE
-0,080	0,300	-0,002	0,012	0,052	FALSE
-0,112	0,321	-0,004	0,010	0,144	FALSE
-0,095	0,295	-0,003	0,008	0,117	FALSE
0,067	0,299	0,002	0,008	0,090	FALSE
-0,186	0,302	-0,008	0,012	0,301	FALSE
0,129	0,307	0,005	0,011	0,187	FALSE
0,023	0,312	0,001	0,012	0,021	FALSE
0,043	0,305	0,001	0,007	0,075	FALSE
0,056	0,299	0,001	0,007	0,084	FALSE
-0,008	0,290	-0,001	0,009	0,050	FALSE
-0,010	0,315	-0,001	0,013	0,026	FALSE
0,031	0,293	0,001	0,010	0,043	FALSE
-0,062	0,306	-0,002	0,011	0,072	FALSE
-0,007	0,313	-0,001	0,013	0,015	FALSE
0,026	0,315	0,001	0,009	0,041	FALSE
0,025	0,304	0,001	0,013	0,042	FALSE
0,027	0,310	0,001	0,007	0,037	FALSE
0,043	0,302	0,001	0,006	0,067	FALSE
-0,093	0,293	-0,005	0,012	0,155	FALSE
-0,112	0,283	-0,006	0,012	0,224	FALSE
0,025	0,301	0,000	0,007	0,017	FALSE
0,115	0,302	0,005	0,012	0,156	FALSE

0,098	0,307	0,004	0,013	0,143	FALSE
0,050	0,304	0,003	0,012	0,082	FALSE
0,042	0,298	0,002	0,012	0,056	FALSE
0,080	0,296	0,003	0,012	0,109	FALSE
0,066	0,310	0,002	0,006	0,098	FALSE
-0,185	0,309	-0,005	0,008	0,261	FALSE
-0,114	0,297	-0,004	0,010	0,152	FALSE
0,134	0,313	0,005	0,012	0,177	FALSE
-0,007	0,308	0,000	0,012	0,005	FALSE
0,013	0,301	0,000	0,006	0,007	FALSE
-0,173	0,310	-0,006	0,011	0,223	FALSE
0,129	0,300	0,005	0,012	0,164	FALSE
0,130	0,308	0,003	0,007	0,178	FALSE
0,130	0,307	0,005	0,011	0,174	FALSE
0,042	0,313	0,001	0,009	0,040	FALSE
-0,083	0,324	-0,003	0,010	0,110	FALSE
0,045	0,300	0,001	0,009	0,045	FALSE
-0,049	0,305	-0,001	0,007	0,063	FALSE
-0,109	0,303	-0,002	0,007	0,126	FALSE
0,058	0,304	0,002	0,009	0,072	FALSE
-0,031	0,298	-0,001	0,012	0,026	FALSE
-0,017	0,307	0,000	0,013	0,011	FALSE
-0,086	0,316	-0,003	0,009	0,123	FALSE
-0,048	0,298	-0,002	0,009	0,081	FALSE
-0,025	0,302	0,000	0,007	0,003	FALSE
-0,034	0,297	-0,001	0,009	0,035	FALSE
0,158	0,306	0,005	0,012	0,195	FALSE
0,098	0,311	0,003	0,008	0,159	FALSE
-0,134	0,308	-0,005	0,011	0,207	FALSE
-0,065	0,311	-0,003	0,011	0,107	FALSE
-0,074	0,318	-0,003	0,011	0,118	FALSE
-0,072	0,312	-0,003	0,011	0,119	FALSE
0,054	0,320	0,002	0,013	0,059	FALSE
-0,011	0,312	0,000	0,011	0,009	FALSE
-0,104	0,305	-0,004	0,012	0,144	FALSE
-0,020	0,314	0,000	0,007	0,012	FALSE
0,010	0,320	0,000	0,007	0,016	FALSE
0,030	0,311	0,001	0,012	0,031	FALSE
-0,085	0,311	-0,003	0,011	0,114	FALSE
0,109	0,313	0,004	0,010	0,158	FALSE
-0,217	0,290	-0,007	0,009	0,356	FALSE
-0,032	0,295	-0,001	0,009	0,026	FALSE
0,184	0,303	0,008	0,012	0,278	FALSE
0,033	0,309	0,000	0,009	0,019	FALSE
-0,172	0,297	-0,006	0,010	0,256	FALSE
-0,136	0,312	-0,004	0,009	0,166	FALSE
0,030	0,308	0,001	0,010	0,026	FALSE
-0,068	0,292	-0,001	0,007	0,079	FALSE
-0,092	0,331	-0,002	0,008	0,111	FALSE
0,119	0,300	0,005	0,011	0,196	FALSE
0,009	0,315	0,000	0,006	0,014	FALSE
0,004	0,297	0,000	0,008	0,004	FALSE
-0,002	0,302	0,000	0,008	0,020	FALSE

-0,014	0,309	0,000	0,013	0,004	FALSE
0,045	0,296	0,002	0,011	0,069	FALSE
-0,038	0,315	-0,002	0,010	0,075	FALSE
-0,007	0,311	0,000	0,010	0,014	FALSE
-0,059	0,300	-0,003	0,012	0,112	FALSE
0,020	0,305	0,001	0,010	0,025	FALSE
0,066	0,309	0,003	0,011	0,089	FALSE
0,037	0,299	0,002	0,011	0,057	FALSE
0,042	0,305	0,001	0,008	0,045	FALSE
-0,069	0,313	-0,003	0,010	0,116	FALSE
0,088	0,302	0,003	0,008	0,136	FALSE
0,124	0,302	0,003	0,007	0,193	FALSE
0,073	0,309	0,003	0,012	0,098	FALSE
0,066	0,300	0,002	0,011	0,086	FALSE
0,076	0,305	0,003	0,012	0,113	FALSE
-0,086	0,276	-0,005	0,012	0,149	FALSE
-0,132	0,320	-0,004	0,009	0,208	FALSE
-0,083	0,309	-0,002	0,007	0,095	FALSE
-0,038	0,319	-0,001	0,013	0,019	FALSE
-0,067	0,310	-0,002	0,013	0,048	FALSE
0,016	0,281	0,001	0,009	0,045	FALSE
-0,011	0,312	-0,001	0,008	0,030	FALSE
-0,083	0,302	-0,002	0,007	0,121	FALSE
0,035	0,314	0,001	0,006	0,040	FALSE
0,047	0,298	0,001	0,007	0,072	FALSE
0,074	0,306	0,002	0,007	0,103	FALSE
0,066	0,306	0,001	0,010	0,047	FALSE
0,080	0,295	0,002	0,010	0,091	FALSE
0,155	0,301	0,004	0,008	0,182	FALSE
0,093	0,295	0,003	0,010	0,137	FALSE
0,061	0,302	0,001	0,008	0,048	FALSE
0,003	0,296	0,000	0,007	0,009	FALSE
-0,020	0,297	0,000	0,007	0,007	FALSE
0,078	0,298	0,003	0,010	0,119	FALSE
0,025	0,304	0,001	0,012	0,018	FALSE
-0,064	0,311	-0,002	0,011	0,063	FALSE
-0,021	0,313	-0,002	0,013	0,047	FALSE
-0,024	0,321	-0,001	0,008	0,033	FALSE
-0,056	0,313	-0,003	0,013	0,093	FALSE
-0,016	0,314	-0,001	0,011	0,020	FALSE
-0,048	0,319	-0,002	0,013	0,046	FALSE
-0,057	0,320	-0,002	0,011	0,075	FALSE
-0,183	0,292	-0,004	0,006	0,268	FALSE
-0,040	0,298	-0,002	0,012	0,063	FALSE
-0,019	0,324	-0,001	0,012	0,034	FALSE
-0,099	0,313	-0,002	0,008	0,118	FALSE
-0,008	0,295	0,000	0,011	0,005	FALSE
0,025	0,296	0,001	0,009	0,022	FALSE
-0,005	0,305	0,000	0,010	0,004	FALSE
-0,093	0,318	-0,003	0,007	0,138	FALSE
0,104	0,315	0,005	0,012	0,172	FALSE
-0,125	0,290	-0,007	0,013	0,218	FALSE
-0,008	0,307	0,000	0,006	0,005	FALSE

-0,114	0,305	-0,002	0,007	0,139	FALSE
-0,047	0,310	-0,002	0,010	0,065	FALSE
-0,033	0,299	-0,001	0,011	0,042	FALSE
-0,048	0,313	-0,003	0,013	0,076	FALSE
-0,018	0,322	0,000	0,010	0,014	FALSE
0,062	0,310	0,002	0,010	0,060	FALSE
-0,059	0,298	-0,001	0,007	0,044	FALSE
-0,035	0,307	-0,003	0,013	0,080	FALSE
-0,035	0,300	0,000	0,007	0,025	FALSE
0,047	0,303	0,001	0,010	0,029	FALSE
0,023	0,302	0,001	0,007	0,027	FALSE
-0,027	0,312	-0,001	0,007	0,040	FALSE
0,116	0,300	0,004	0,013	0,131	FALSE
-0,032	0,316	-0,001	0,008	0,037	FALSE
-0,017	0,311	0,000	0,010	0,012	FALSE
0,030	0,307	0,000	0,007	0,025	FALSE
0,056	0,312	0,001	0,007	0,070	FALSE
0,017	0,310	0,000	0,010	0,010	FALSE
-0,062	0,304	-0,001	0,006	0,052	FALSE
-0,013	0,303	0,000	0,009	0,012	FALSE
-0,050	0,307	-0,002	0,010	0,075	FALSE
0,122	0,295	0,004	0,009	0,151	FALSE
-0,034	0,311	-0,001	0,008	0,054	FALSE
0,004	0,305	0,000	0,007	0,019	FALSE
-0,079	0,288	-0,003	0,011	0,108	FALSE
-0,053	0,294	-0,002	0,012	0,075	FALSE
-0,081	0,294	-0,004	0,011	0,121	FALSE
-0,042	0,309	-0,002	0,012	0,064	FALSE
-0,038	0,304	-0,002	0,012	0,058	FALSE
-0,044	0,297	-0,002	0,012	0,059	FALSE
0,046	0,313	0,001	0,008	0,046	FALSE
-0,085	0,303	-0,003	0,011	0,111	FALSE
0,129	0,304	0,004	0,012	0,152	FALSE
0,049	0,321	0,001	0,009	0,059	FALSE
-0,012	0,309	-0,001	0,007	0,034	FALSE
0,075	0,318	0,002	0,009	0,085	FALSE
-0,015	0,304	0,000	0,006	0,016	FALSE
-0,034	0,309	-0,001	0,010	0,049	FALSE
-0,037	0,292	-0,001	0,008	0,056	FALSE
0,003	0,300	0,000	0,007	0,006	FALSE
-0,085	0,305	-0,002	0,007	0,132	FALSE
0,026	0,304	0,001	0,013	0,024	FALSE
-0,120	0,292	-0,003	0,007	0,163	FALSE
-0,139	0,313	-0,003	0,006	0,189	FALSE
-0,090	0,309	-0,004	0,011	0,153	FALSE
0,091	0,300	0,003	0,007	0,144	FALSE
0,174	0,302	0,005	0,009	0,244	FALSE
0,053	0,306	0,002	0,012	0,057	FALSE
-0,034	0,311	-0,001	0,009	0,035	FALSE
-0,043	0,323	-0,001	0,009	0,048	FALSE
0,132	0,296	0,003	0,006	0,202	FALSE
-0,132	0,298	-0,003	0,006	0,161	FALSE
0,035	0,312	0,001	0,007	0,037	FALSE

-0,161	0,302	-0,007	0,012	0,226	FALSE
-0,143	0,301	-0,005	0,011	0,181	FALSE
-0,085	0,304	-0,003	0,011	0,090	FALSE
-0,128	0,307	-0,004	0,011	0,143	FALSE
0,047	0,310	0,001	0,010	0,050	FALSE
0,038	0,306	0,001	0,006	0,036	FALSE
-0,111	0,301	-0,003	0,009	0,139	FALSE
0,013	0,319	0,000	0,007	0,016	FALSE
-0,031	0,320	-0,001	0,010	0,033	FALSE
0,152	0,306	0,006	0,012	0,206	FALSE
-0,102	0,295	-0,004	0,010	0,141	FALSE
0,087	0,316	0,002	0,013	0,067	FALSE
-0,020	0,312	-0,001	0,010	0,032	FALSE
0,050	0,318	0,001	0,007	0,063	FALSE
-0,030	0,299	-0,001	0,013	0,016	FALSE
0,005	0,310	-0,001	0,008	0,023	FALSE
-0,132	0,311	-0,004	0,010	0,168	FALSE
-0,001	0,286	-0,001	0,012	0,017	FALSE
-0,097	0,291	-0,003	0,008	0,145	FALSE
0,034	0,308	0,001	0,006	0,050	FALSE
0,043	0,311	0,001	0,007	0,045	FALSE
-0,046	0,310	-0,001	0,007	0,050	FALSE
-0,111	0,298	-0,004	0,010	0,148	FALSE
-0,106	0,301	-0,003	0,007	0,155	FALSE
0,132	0,297	0,004	0,008	0,193	FALSE
0,129	0,291	0,003	0,007	0,191	FALSE
0,158	0,314	0,006	0,011	0,216	FALSE
0,043	0,310	0,001	0,009	0,038	FALSE
0,070	0,302	0,002	0,009	0,102	FALSE
-0,093	0,324	-0,002	0,008	0,120	FALSE
-0,050	0,296	-0,002	0,011	0,076	FALSE
-0,050	0,286	-0,001	0,011	0,042	FALSE
0,066	0,296	0,002	0,007	0,088	FALSE
-0,056	0,306	-0,002	0,009	0,085	FALSE
-0,009	0,302	-0,001	0,012	0,031	FALSE
-0,003	0,302	-0,001	0,012	0,033	FALSE
0,050	0,297	0,003	0,011	0,094	FALSE
-0,013	0,306	-0,001	0,009	0,034	FALSE
-0,013	0,306	-0,001	0,013	0,035	FALSE
-0,125	0,315	-0,004	0,010	0,180	FALSE
-0,009	0,296	0,000	0,006	0,001	FALSE
0,121	0,291	0,004	0,009	0,171	FALSE
-0,116	0,310	-0,003	0,007	0,138	FALSE
0,028	0,312	0,000	0,007	0,022	FALSE
-0,072	0,307	-0,003	0,012	0,097	FALSE
0,146	0,302	0,006	0,011	0,227	FALSE
-0,007	0,314	0,000	0,008	0,016	FALSE
0,009	0,313	0,000	0,011	0,005	FALSE
-0,135	0,299	-0,004	0,008	0,172	FALSE
-0,025	0,329	-0,001	0,013	0,019	FALSE
0,029	0,299	0,000	0,010	0,002	FALSE
0,049	0,305	0,000	0,011	0,006	FALSE
-0,010	0,309	0,000	0,011	0,010	FALSE

0,068	0,310	0,002	0,009	0,073	FALSE
-0,023	0,292	-0,001	0,012	0,024	FALSE
-0,114	0,313	-0,003	0,010	0,114	FALSE
-0,124	0,313	-0,003	0,009	0,144	FALSE
-0,087	0,314	-0,003	0,013	0,081	FALSE
0,047	0,308	0,002	0,012	0,050	FALSE
-0,002	0,299	0,000	0,011	0,012	FALSE
0,015	0,302	0,000	0,009	0,016	FALSE
0,059	0,300	0,002	0,009	0,072	FALSE
0,051	0,304	0,001	0,008	0,050	FALSE
0,058	0,302	0,002	0,006	0,120	FALSE
-0,036	0,299	-0,001	0,007	0,039	FALSE
0,019	0,296	0,000	0,011	0,011	FALSE
-0,070	0,308	-0,002	0,010	0,073	FALSE
0,005	0,299	0,001	0,007	0,044	FALSE
-0,055	0,303	-0,001	0,009	0,057	FALSE
0,040	0,311	0,002	0,013	0,046	FALSE
-0,075	0,309	-0,002	0,009	0,098	FALSE
-0,027	0,293	-0,002	0,013	0,047	FALSE
-0,043	0,304	-0,001	0,011	0,028	FALSE
-0,030	0,300	0,000	0,006	0,028	FALSE
-0,025	0,315	0,000	0,012	0,003	FALSE
0,054	0,297	0,002	0,010	0,060	FALSE
0,078	0,313	0,002	0,012	0,070	FALSE
0,042	0,316	0,002	0,012	0,058	FALSE
-0,066	0,318	-0,003	0,010	0,104	FALSE
0,067	0,311	0,002	0,009	0,068	FALSE
-0,076	0,283	-0,002	0,012	0,057	FALSE
-0,049	0,318	-0,001	0,014	0,023	FALSE
-0,018	0,327	-0,001	0,008	0,029	FALSE
-0,017	0,305	-0,002	0,013	0,058	FALSE
-0,009	0,320	-0,002	0,013	0,046	FALSE
-0,095	0,302	-0,002	0,012	0,070	FALSE
-0,135	0,301	-0,003	0,007	0,155	FALSE
-0,014	0,308	-0,002	0,012	0,051	FALSE
-0,001	0,315	0,001	0,009	0,024	FALSE
-0,098	0,310	-0,003	0,008	0,130	FALSE
0,000	0,302	0,000	0,010	0,005	FALSE
-0,153	0,298	-0,004	0,008	0,225	FALSE
-0,158	0,304	-0,004	0,008	0,220	FALSE
0,089	0,314	0,003	0,010	0,111	FALSE
-0,085	0,320	-0,003	0,012	0,107	FALSE
-0,098	0,325	-0,003	0,012	0,106	FALSE
-0,042	0,316	-0,001	0,008	0,030	FALSE
-0,089	0,308	-0,002	0,008	0,099	FALSE
-0,021	0,307	-0,001	0,012	0,031	FALSE
0,051	0,301	0,002	0,009	0,094	FALSE
0,030	0,319	0,001	0,007	0,036	FALSE
0,013	0,327	0,001	0,010	0,040	FALSE
0,028	0,316	0,002	0,010	0,060	FALSE
-0,037	0,316	0,000	0,013	0,013	FALSE
-0,049	0,311	-0,003	0,012	0,106	FALSE
0,003	0,315	0,000	0,009	0,004	FALSE

-0,064	0,305	-0,003	0,012	0,105	FALSE
-0,065	0,305	-0,001	0,008	0,056	FALSE
-0,152	0,299	-0,006	0,012	0,221	FALSE
0,106	0,306	0,004	0,012	0,126	FALSE
-0,017	0,309	0,000	0,008	0,012	FALSE
-0,084	0,317	-0,002	0,010	0,093	FALSE
0,006	0,308	0,000	0,008	0,006	FALSE
0,068	0,302	0,003	0,011	0,097	FALSE
-0,117	0,304	-0,004	0,009	0,161	FALSE
-0,103	0,311	-0,004	0,012	0,126	FALSE
0,111	0,301	0,003	0,007	0,172	FALSE
0,089	0,290	0,002	0,006	0,131	FALSE
0,056	0,292	0,001	0,008	0,062	FALSE
-0,130	0,301	-0,003	0,008	0,170	FALSE
0,006	0,306	0,000	0,009	0,019	FALSE
0,125	0,301	0,004	0,011	0,149	FALSE
0,016	0,297	0,000	0,007	0,006	FALSE
-0,037	0,315	-0,001	0,009	0,037	FALSE
0,061	0,309	0,002	0,007	0,095	FALSE
0,104	0,303	0,003	0,009	0,129	FALSE
-0,029	0,298	-0,002	0,009	0,072	FALSE
-0,049	0,319	-0,002	0,013	0,059	FALSE
-0,018	0,299	0,001	0,008	0,022	FALSE
0,031	0,303	0,001	0,011	0,042	FALSE
0,029	0,302	0,001	0,012	0,031	FALSE
0,014	0,318	0,001	0,009	0,033	FALSE
0,089	0,289	0,004	0,012	0,130	FALSE
-0,105	0,303	-0,004	0,012	0,128	FALSE
-0,010	0,312	0,000	0,011	0,014	FALSE
0,002	0,298	-0,001	0,011	0,020	FALSE
-0,111	0,294	-0,004	0,010	0,164	FALSE
-0,039	0,301	-0,001	0,006	0,050	FALSE
-0,046	0,293	-0,001	0,008	0,059	FALSE
-0,011	0,303	0,000	0,011	0,010	FALSE
0,056	0,308	0,002	0,009	0,089	FALSE
0,072	0,315	0,002	0,009	0,093	FALSE
-0,066	0,289	-0,001	0,011	0,030	FALSE
-0,060	0,299	-0,002	0,012	0,049	FALSE
0,208	0,292	0,004	0,006	0,311	FALSE
-0,060	0,304	-0,001	0,012	0,038	FALSE
0,025	0,306	0,002	0,011	0,065	FALSE
0,116	0,312	0,003	0,009	0,143	FALSE
-0,087	0,305	-0,002	0,006	0,094	FALSE
0,100	0,305	0,004	0,012	0,140	FALSE
-0,041	0,300	-0,001	0,010	0,044	FALSE
0,018	0,307	0,000	0,012	0,000	FALSE
0,008	0,305	0,000	0,013	0,002	FALSE
-0,047	0,301	-0,001	0,008	0,064	FALSE
0,032	0,312	0,002	0,012	0,046	FALSE
0,036	0,296	0,001	0,008	0,055	FALSE
0,045	0,306	0,002	0,009	0,066	FALSE
0,117	0,306	0,004	0,008	0,182	FALSE
-0,032	0,310	-0,001	0,010	0,033	FALSE

0,067	0,303	0,002	0,009	0,090	FALSE
0,095	0,310	0,003	0,009	0,119	FALSE
-0,036	0,315	-0,001	0,013	0,029	FALSE
-0,080	0,325	-0,004	0,013	0,109	FALSE
0,001	0,305	0,000	0,007	0,002	FALSE
-0,044	0,312	-0,002	0,013	0,050	FALSE
-0,019	0,311	0,000	0,007	0,008	FALSE
0,088	0,308	0,003	0,008	0,116	FALSE
0,017	0,306	0,000	0,013	0,010	FALSE
-0,004	0,292	0,001	0,006	0,030	FALSE
-0,064	0,310	-0,003	0,013	0,078	FALSE
-0,038	0,309	-0,001	0,006	0,041	FALSE
-0,194	0,301	-0,005	0,007	0,266	FALSE
-0,005	0,315	-0,001	0,007	0,026	FALSE
-0,082	0,301	-0,002	0,008	0,107	FALSE
-0,005	0,309	0,000	0,007	0,015	FALSE
0,034	0,307	0,000	0,006	0,024	FALSE
-0,010	0,324	-0,001	0,009	0,028	FALSE
-0,081	0,289	-0,003	0,008	0,121	FALSE
-0,024	0,289	-0,002	0,011	0,053	FALSE
0,073	0,309	0,003	0,011	0,088	FALSE
0,081	0,302	0,002	0,007	0,136	FALSE
-0,068	0,300	-0,002	0,007	0,095	FALSE
0,022	0,284	0,000	0,013	0,012	FALSE
0,035	0,290	0,001	0,009	0,048	FALSE
0,013	0,296	0,001	0,010	0,024	FALSE
0,015	0,287	0,001	0,009	0,034	FALSE
0,016	0,289	0,001	0,009	0,031	FALSE
-0,051	0,289	-0,001	0,007	0,053	FALSE
-0,012	0,306	0,000	0,008	0,012	FALSE
-0,002	0,300	0,000	0,008	0,013	FALSE
0,030	0,305	0,001	0,008	0,036	FALSE
-0,011	0,305	0,000	0,007	0,015	FALSE
0,081	0,309	0,002	0,006	0,109	FALSE
0,060	0,307	0,001	0,013	0,036	FALSE
-0,096	0,305	-0,003	0,009	0,139	FALSE
-0,055	0,316	-0,002	0,009	0,077	FALSE
-0,046	0,322	-0,002	0,010	0,070	FALSE
0,105	0,320	0,004	0,010	0,148	FALSE
0,056	0,322	0,001	0,007	0,060	FALSE
-0,001	0,312	0,000	0,007	0,009	FALSE
0,022	0,313	0,000	0,006	0,005	FALSE
-0,100	0,331	-0,002	0,009	0,104	FALSE
-0,079	0,307	-0,002	0,008	0,089	FALSE
-0,047	0,312	0,000	0,008	0,022	FALSE
0,104	0,299	0,002	0,007	0,096	FALSE
0,022	0,305	0,001	0,011	0,029	FALSE
0,017	0,311	0,001	0,006	0,044	FALSE
-0,060	0,314	-0,004	0,012	0,113	FALSE
-0,116	0,295	-0,006	0,012	0,215	FALSE
0,081	0,305	0,004	0,012	0,110	FALSE
-0,060	0,300	-0,002	0,009	0,093	FALSE
0,064	0,317	0,001	0,008	0,060	FALSE

0,080	0,290	0,002	0,010	0,087	FALSE
0,110	0,308	0,004	0,012	0,156	FALSE
-0,034	0,306	0,000	0,007	0,017	FALSE
0,000	0,300	0,001	0,010	0,052	FALSE
0,020	0,300	0,001	0,008	0,051	FALSE
0,085	0,315	0,004	0,011	0,140	FALSE
0,044	0,302	0,002	0,007	0,095	FALSE
-0,045	0,310	-0,001	0,007	0,060	FALSE
0,030	0,298	0,001	0,008	0,051	FALSE
0,056	0,308	0,001	0,012	0,037	FALSE
0,025	0,298	0,001	0,008	0,036	FALSE
0,055	0,305	0,002	0,012	0,079	FALSE
-0,029	0,312	-0,001	0,008	0,024	FALSE
0,104	0,304	0,004	0,011	0,150	FALSE
0,026	0,308	0,001	0,007	0,038	FALSE
-0,079	0,299	-0,003	0,010	0,094	FALSE
0,102	0,308	0,003	0,010	0,095	FALSE
0,083	0,315	0,003	0,013	0,077	FALSE
0,038	0,318	0,001	0,007	0,036	FALSE
0,046	0,296	0,002	0,008	0,081	FALSE
0,022	0,301	0,001	0,012	0,031	FALSE
0,061	0,299	0,002	0,009	0,073	FALSE
0,065	0,300	0,002	0,009	0,074	FALSE
0,074	0,317	0,002	0,010	0,063	FALSE
-0,020	0,319	0,000	0,007	0,019	FALSE
0,109	0,295	0,003	0,007	0,136	FALSE
-0,065	0,304	-0,001	0,008	0,062	FALSE
-0,080	0,294	-0,002	0,008	0,089	FALSE
-0,019	0,316	0,000	0,012	0,005	FALSE
0,047	0,308	0,001	0,007	0,048	FALSE
-0,094	0,305	-0,003	0,008	0,140	FALSE
-0,111	0,297	-0,003	0,008	0,124	FALSE
-0,049	0,298	-0,003	0,011	0,095	FALSE
-0,076	0,307	-0,004	0,012	0,125	FALSE
0,084	0,308	0,004	0,011	0,139	FALSE
0,058	0,306	0,002	0,008	0,105	FALSE
0,022	0,302	0,001	0,012	0,028	FALSE
0,006	0,302	0,000	0,007	0,007	FALSE
0,054	0,309	0,002	0,012	0,071	FALSE
-0,104	0,307	-0,003	0,009	0,136	FALSE
-0,003	0,304	0,001	0,008	0,025	FALSE
-0,027	0,309	-0,001	0,012	0,021	FALSE
0,058	0,315	0,004	0,013	0,104	FALSE
0,026	0,317	0,002	0,013	0,063	FALSE
0,011	0,309	0,001	0,007	0,028	FALSE
0,091	0,300	0,002	0,006	0,142	FALSE
-0,109	0,306	-0,003	0,008	0,167	FALSE
-0,041	0,310	-0,001	0,011	0,018	FALSE
-0,055	0,293	-0,002	0,008	0,090	FALSE
-0,090	0,309	-0,003	0,013	0,099	FALSE
-0,085	0,309	-0,003	0,013	0,098	FALSE
0,044	0,303	0,002	0,011	0,062	FALSE
0,116	0,301	0,003	0,013	0,088	FALSE

-0,047	0,313	-0,001	0,013	0,022	FALSE
-0,044	0,307	0,000	0,012	0,013	FALSE
-0,043	0,304	0,000	0,012	0,010	FALSE
-0,065	0,302	-0,001	0,012	0,034	FALSE
-0,062	0,281	-0,001	0,011	0,040	FALSE
0,045	0,301	0,000	0,011	0,009	FALSE
-0,051	0,291	-0,001	0,008	0,045	FALSE
-0,021	0,294	0,000	0,008	0,013	FALSE
-0,016	0,318	0,000	0,008	0,015	FALSE
-0,010	0,308	0,000	0,007	0,018	FALSE
-0,090	0,311	-0,002	0,006	0,099	FALSE
0,025	0,312	0,001	0,013	0,024	FALSE
0,121	0,303	0,004	0,010	0,176	FALSE
0,132	0,307	0,004	0,009	0,183	FALSE
-0,025	0,317	-0,001	0,009	0,034	FALSE
-0,117	0,310	-0,003	0,007	0,175	FALSE
0,040	0,301	0,000	0,010	0,013	FALSE
0,185	0,309	0,005	0,007	0,286	FALSE
-0,061	0,323	-0,002	0,009	0,076	FALSE
0,007	0,321	0,001	0,008	0,032	FALSE
-0,140	0,292	-0,005	0,012	0,166	FALSE
-0,011	0,308	-0,001	0,011	0,031	FALSE
0,022	0,307	0,000	0,007	0,014	FALSE
-0,043	0,303	-0,001	0,009	0,040	FALSE
0,093	0,308	0,004	0,011	0,130	FALSE
0,021	0,310	0,001	0,012	0,032	FALSE
0,070	0,299	0,002	0,012	0,069	FALSE
0,023	0,305	0,001	0,007	0,042	FALSE
0,103	0,302	0,005	0,013	0,143	FALSE
-0,057	0,300	-0,001	0,008	0,056	FALSE
-0,091	0,314	-0,004	0,013	0,114	FALSE
-0,057	0,306	-0,001	0,009	0,042	FALSE
0,058	0,318	0,002	0,009	0,071	FALSE
-0,064	0,317	-0,002	0,010	0,077	FALSE
-0,057	0,293	-0,001	0,009	0,052	FALSE
-0,076	0,309	-0,002	0,009	0,083	FALSE
0,069	0,309	0,002	0,009	0,107	FALSE
0,026	0,303	0,000	0,013	0,008	FALSE
0,095	0,331	0,004	0,013	0,113	FALSE
0,086	0,301	0,002	0,009	0,104	FALSE
0,036	0,317	0,001	0,013	0,031	FALSE
-0,095	0,310	-0,003	0,012	0,101	FALSE
0,030	0,311	0,001	0,011	0,022	FALSE
-0,060	0,326	-0,002	0,008	0,081	FALSE
-0,040	0,298	-0,001	0,008	0,060	FALSE
-0,024	0,320	0,000	0,007	0,014	FALSE
-0,022	0,311	-0,001	0,010	0,038	FALSE
-0,015	0,309	-0,001	0,009	0,039	FALSE
0,053	0,307	0,002	0,006	0,107	FALSE
0,099	0,310	0,003	0,008	0,148	FALSE
0,097	0,300	0,002	0,008	0,093	FALSE
0,137	0,301	0,003	0,006	0,191	FALSE
-0,096	0,293	-0,003	0,009	0,148	FALSE

0,059	0,316	0,002	0,009	0,062	FALSE
-0,007	0,309	0,001	0,011	0,015	FALSE
-0,027	0,301	0,000	0,011	0,002	FALSE
-0,021	0,310	0,000	0,012	0,001	FALSE
-0,011	0,308	0,001	0,011	0,018	FALSE
-0,084	0,286	-0,003	0,008	0,130	FALSE
-0,091	0,313	-0,005	0,013	0,148	FALSE
0,015	0,311	0,000	0,008	0,017	FALSE
0,090	0,315	0,003	0,011	0,118	FALSE
0,078	0,303	0,002	0,009	0,081	FALSE
0,050	0,306	0,001	0,009	0,046	FALSE
-0,042	0,312	-0,002	0,013	0,056	FALSE
-0,002	0,304	0,001	0,010	0,030	FALSE
0,031	0,300	0,002	0,009	0,070	FALSE
0,026	0,302	0,000	0,012	0,000	FALSE
0,023	0,301	0,001	0,012	0,019	FALSE
0,039	0,306	0,001	0,011	0,033	FALSE
0,002	0,301	0,002	0,012	0,054	FALSE
0,005	0,308	0,002	0,012	0,052	FALSE
0,062	0,310	0,002	0,011	0,049	FALSE
0,026	0,314	0,002	0,011	0,067	FALSE
-0,012	0,317	-0,001	0,010	0,023	FALSE
-0,039	0,307	-0,001	0,011	0,036	FALSE
0,008	0,293	0,002	0,011	0,058	FALSE
-0,005	0,300	0,000	0,007	0,006	FALSE
0,073	0,309	0,002	0,009	0,086	FALSE
0,011	0,312	0,000	0,012	0,003	FALSE
0,014	0,314	0,000	0,009	0,003	FALSE
0,015	0,321	0,000	0,013	0,010	FALSE
-0,010	0,302	0,000	0,007	0,008	FALSE
0,009	0,298	0,000	0,008	0,013	FALSE
-0,093	0,303	-0,002	0,006	0,091	FALSE
0,087	0,304	0,002	0,011	0,083	FALSE
0,123	0,298	0,004	0,011	0,146	FALSE
0,013	0,302	0,000	0,007	0,003	FALSE
0,111	0,281	0,003	0,006	0,175	FALSE
-0,070	0,316	-0,002	0,009	0,089	FALSE
-0,057	0,320	-0,002	0,009	0,068	FALSE
-0,035	0,310	-0,001	0,009	0,045	FALSE
-0,026	0,300	-0,001	0,012	0,021	FALSE
-0,036	0,319	-0,001	0,008	0,059	FALSE
-0,085	0,311	-0,002	0,007	0,117	FALSE
-0,025	0,321	0,000	0,010	0,015	FALSE
-0,012	0,312	-0,001	0,006	0,037	FALSE
0,095	0,329	0,002	0,011	0,083	FALSE
0,043	0,297	0,001	0,012	0,031	FALSE
0,008	0,319	0,000	0,008	0,012	FALSE
0,138	0,304	0,003	0,007	0,182	FALSE
0,126	0,302	0,005	0,013	0,148	FALSE
-0,040	0,300	-0,001	0,013	0,036	FALSE
-0,150	0,299	-0,004	0,011	0,153	FALSE
-0,094	0,315	-0,004	0,012	0,119	FALSE
0,085	0,314	0,002	0,008	0,105	FALSE

0,070	0,320	0,001	0,008	0,065	FALSE
0,001	0,295	0,001	0,007	0,025	FALSE
0,073	0,308	0,002	0,007	0,089	FALSE
-0,092	0,317	-0,003	0,012	0,088	FALSE
-0,005	0,312	0,000	0,009	0,011	FALSE
0,058	0,298	0,002	0,007	0,130	FALSE
-0,140	0,310	-0,004	0,007	0,201	FALSE
0,031	0,317	0,001	0,008	0,027	FALSE
-0,093	0,321	-0,002	0,007	0,105	FALSE
0,051	0,286	0,004	0,012	0,112	FALSE
-0,137	0,297	-0,006	0,011	0,206	FALSE
0,009	0,317	0,000	0,008	0,022	FALSE
0,111	0,307	0,003	0,009	0,144	FALSE
-0,034	0,321	0,000	0,008	0,022	FALSE
0,054	0,303	0,003	0,009	0,120	FALSE
0,081	0,309	0,004	0,012	0,112	FALSE
0,025	0,308	0,002	0,007	0,078	FALSE
0,012	0,312	0,001	0,007	0,055	FALSE
-0,089	0,314	-0,004	0,012	0,142	FALSE
-0,083	0,314	-0,004	0,013	0,107	FALSE
-0,028	0,311	-0,001	0,007	0,051	FALSE
0,016	0,309	0,001	0,011	0,020	FALSE
-0,080	0,317	-0,002	0,008	0,067	FALSE
-0,131	0,303	-0,003	0,009	0,151	FALSE
-0,068	0,304	-0,003	0,010	0,117	FALSE
-0,090	0,299	-0,004	0,012	0,123	FALSE
-0,006	0,310	0,000	0,008	0,004	FALSE
-0,009	0,307	0,001	0,013	0,018	FALSE
-0,011	0,299	0,000	0,011	0,013	FALSE
-0,038	0,310	-0,001	0,006	0,048	FALSE
-0,072	0,300	-0,003	0,013	0,098	FALSE
0,000	0,301	0,000	0,011	0,009	FALSE
0,038	0,323	0,001	0,009	0,046	FALSE
-0,017	0,327	0,000	0,013	0,004	FALSE
0,064	0,308	0,001	0,008	0,070	FALSE
-0,022	0,315	0,000	0,007	0,019	FALSE
0,003	0,308	0,000	0,012	0,008	FALSE
0,080	0,303	0,003	0,010	0,114	FALSE
-0,022	0,315	-0,001	0,009	0,024	FALSE
-0,050	0,308	-0,001	0,007	0,040	FALSE
-0,016	0,303	-0,001	0,010	0,027	FALSE
0,140	0,311	0,003	0,007	0,190	FALSE
0,036	0,286	0,001	0,010	0,021	FALSE
-0,107	0,296	-0,002	0,006	0,123	FALSE
-0,085	0,308	-0,002	0,010	0,086	FALSE
-0,033	0,317	-0,001	0,009	0,045	FALSE
0,049	0,304	0,001	0,007	0,066	FALSE
-0,122	0,307	-0,005	0,012	0,163	FALSE
0,065	0,289	0,003	0,012	0,111	FALSE
0,076	0,306	0,002	0,007	0,118	FALSE
0,017	0,303	0,001	0,008	0,032	FALSE
0,095	0,321	0,003	0,009	0,118	FALSE
0,043	0,317	0,001	0,009	0,042	FALSE

0,066	0,298	0,002	0,010	0,063	FALSE
0,030	0,325	0,001	0,009	0,026	FALSE
-0,129	0,311	-0,004	0,009	0,170	FALSE
0,003	0,308	0,000	0,009	0,007	FALSE
0,037	0,297	0,001	0,012	0,034	FALSE
-0,063	0,315	-0,002	0,013	0,058	FALSE
0,162	0,299	0,006	0,012	0,211	FALSE
0,028	0,305	0,001	0,010	0,021	FALSE
-0,145	0,316	-0,005	0,009	0,219	FALSE
0,065	0,306	0,002	0,010	0,062	FALSE
-0,008	0,311	-0,001	0,013	0,023	FALSE
0,010	0,304	0,000	0,007	0,003	FALSE
-0,116	0,296	-0,005	0,012	0,156	FALSE
-0,159	0,300	-0,006	0,009	0,278	FALSE
0,155	0,306	0,006	0,011	0,216	FALSE
-0,084	0,299	-0,003	0,013	0,073	FALSE
-0,193	0,302	-0,005	0,008	0,295	FALSE
-0,009	0,295	0,000	0,010	0,017	FALSE
-0,044	0,294	-0,001	0,007	0,033	FALSE
0,117	0,308	0,005	0,013	0,146	FALSE
0,044	0,312	0,002	0,012	0,051	FALSE
0,059	0,307	0,002	0,012	0,065	FALSE
0,058	0,305	0,002	0,011	0,064	FALSE
0,051	0,313	0,002	0,012	0,051	FALSE
0,065	0,318	0,002	0,012	0,073	FALSE
0,057	0,312	0,002	0,012	0,063	FALSE
-0,002	0,303	0,000	0,012	0,006	FALSE
-0,073	0,289	-0,001	0,006	0,088	FALSE
0,032	0,312	0,001	0,007	0,055	FALSE
0,042	0,310	0,001	0,009	0,041	FALSE
0,037	0,299	0,001	0,008	0,030	FALSE
0,100	0,305	0,002	0,006	0,127	FALSE
0,092	0,322	0,002	0,007	0,113	FALSE
-0,074	0,303	-0,002	0,007	0,104	FALSE
-0,011	0,294	-0,001	0,008	0,026	FALSE
0,031	0,310	0,001	0,011	0,032	FALSE
0,069	0,311	0,001	0,006	0,062	FALSE
-0,015	0,299	0,000	0,009	0,010	FALSE
-0,026	0,307	-0,001	0,009	0,052	FALSE
0,038	0,292	0,001	0,010	0,045	FALSE
0,032	0,292	0,001	0,011	0,028	FALSE
-0,062	0,306	-0,001	0,012	0,037	FALSE
-0,002	0,301	0,001	0,009	0,030	FALSE
-0,056	0,317	-0,002	0,011	0,060	FALSE
-0,011	0,296	0,000	0,010	0,016	FALSE
0,019	0,300	0,001	0,012	0,020	FALSE
0,008	0,297	0,000	0,013	0,009	FALSE
-0,056	0,305	-0,002	0,013	0,061	FALSE
0,003	0,299	0,000	0,013	0,007	FALSE
0,012	0,299	0,000	0,013	0,009	FALSE
0,020	0,299	0,000	0,012	0,012	FALSE
0,052	0,313	0,001	0,008	0,034	FALSE
0,042	0,305	0,001	0,010	0,051	FALSE

0,046	0,311	0,001	0,007	0,059	FALSE
0,060	0,317	0,002	0,010	0,064	FALSE
-0,118	0,311	-0,002	0,007	0,144	FALSE
0,103	0,287	0,004	0,009	0,155	FALSE
0,130	0,306	0,005	0,011	0,202	FALSE
-0,149	0,312	-0,007	0,013	0,215	FALSE
0,037	0,302	0,002	0,011	0,061	FALSE
-0,010	0,316	-0,001	0,008	0,037	FALSE
0,020	0,293	0,000	0,007	0,000	FALSE
-0,073	0,305	-0,002	0,010	0,057	FALSE
-0,066	0,310	-0,001	0,007	0,043	FALSE
-0,042	0,301	-0,002	0,012	0,059	FALSE
0,019	0,303	0,001	0,013	0,032	FALSE
-0,013	0,302	-0,001	0,013	0,021	FALSE
-0,172	0,296	-0,008	0,013	0,261	FALSE
0,011	0,303	-0,001	0,013	0,029	FALSE
-0,053	0,324	-0,001	0,012	0,023	FALSE
-0,086	0,303	-0,002	0,007	0,116	FALSE
0,135	0,299	0,003	0,007	0,224	FALSE
0,035	0,307	0,001	0,012	0,027	FALSE
0,002	0,314	-0,001	0,013	0,018	FALSE
0,037	0,317	0,001	0,007	0,031	FALSE
-0,051	0,308	-0,002	0,012	0,063	FALSE
0,040	0,309	0,002	0,011	0,060	FALSE
-0,067	0,314	-0,002	0,011	0,071	FALSE
0,097	0,302	0,004	0,012	0,122	FALSE
0,044	0,305	0,001	0,008	0,026	FALSE
-0,070	0,298	-0,002	0,012	0,071	FALSE
0,068	0,314	0,002	0,011	0,079	FALSE
0,060	0,319	0,002	0,012	0,065	FALSE
-0,074	0,307	-0,004	0,012	0,123	FALSE
0,036	0,312	0,001	0,011	0,045	FALSE
-0,131	0,304	-0,004	0,009	0,157	FALSE
0,042	0,302	0,001	0,012	0,021	FALSE
0,068	0,296	0,002	0,009	0,065	FALSE
0,054	0,297	0,002	0,009	0,072	FALSE
-0,077	0,306	-0,003	0,013	0,079	FALSE
-0,086	0,309	-0,003	0,011	0,091	FALSE
0,007	0,300	0,000	0,008	0,009	FALSE
-0,125	0,316	-0,003	0,008	0,174	FALSE
0,034	0,314	0,001	0,011	0,045	FALSE
-0,019	0,307	0,000	0,012	0,001	FALSE
0,064	0,302	0,003	0,011	0,100	FALSE
0,052	0,307	0,002	0,008	0,103	FALSE
-0,037	0,312	-0,003	0,013	0,103	FALSE
-0,058	0,290	-0,003	0,011	0,106	FALSE
0,015	0,321	0,000	0,007	0,006	FALSE
0,013	0,304	0,000	0,006	0,011	FALSE
0,119	0,318	0,005	0,013	0,148	FALSE
-0,144	0,297	-0,003	0,007	0,185	FALSE
0,067	0,303	0,002	0,012	0,070	FALSE
0,055	0,319	0,002	0,013	0,066	FALSE
0,175	0,288	0,006	0,011	0,211	FALSE

-0,117	0,296	-0,003	0,009	0,139	FALSE
0,060	0,312	0,001	0,007	0,070	FALSE
0,104	0,280	0,002	0,011	0,083	FALSE
-0,095	0,304	-0,002	0,006	0,122	FALSE
-0,015	0,316	0,000	0,006	0,024	FALSE
0,085	0,308	0,004	0,013	0,108	FALSE
-0,018	0,311	-0,001	0,010	0,023	FALSE
0,043	0,312	0,001	0,007	0,075	FALSE
-0,051	0,319	-0,001	0,007	0,063	FALSE
-0,072	0,305	-0,002	0,011	0,069	FALSE
0,002	0,307	-0,001	0,007	0,027	FALSE
0,128	0,307	0,003	0,009	0,135	FALSE
0,010	0,328	0,000	0,008	0,005	FALSE
-0,083	0,317	-0,003	0,012	0,081	FALSE
-0,026	0,319	0,000	0,008	0,020	FALSE
0,005	0,308	0,000	0,007	0,017	FALSE
0,126	0,316	0,004	0,011	0,163	FALSE
0,007	0,309	0,000	0,007	0,007	FALSE
0,024	0,303	0,001	0,006	0,055	FALSE
-0,093	0,325	-0,002	0,008	0,097	FALSE
-0,009	0,314	0,000	0,008	0,012	FALSE
-0,051	0,304	-0,002	0,007	0,094	FALSE
-0,064	0,308	-0,001	0,009	0,059	FALSE
0,035	0,315	0,001	0,012	0,026	FALSE
0,084	0,308	0,003	0,012	0,090	FALSE
-0,168	0,304	-0,004	0,008	0,223	FALSE
0,063	0,316	0,001	0,008	0,053	FALSE
0,134	0,314	0,005	0,013	0,149	FALSE
0,118	0,311	0,004	0,013	0,129	FALSE
0,114	0,304	0,004	0,013	0,123	FALSE
-0,065	0,303	-0,003	0,012	0,096	FALSE
0,038	0,305	0,001	0,006	0,041	FALSE
0,055	0,308	0,002	0,013	0,072	FALSE
-0,131	0,314	-0,004	0,009	0,196	FALSE
0,189	0,306	0,009	0,013	0,297	FALSE
0,096	0,312	0,002	0,010	0,095	FALSE
-0,067	0,314	-0,002	0,007	0,098	FALSE
-0,102	0,299	-0,003	0,009	0,145	FALSE
-0,047	0,305	-0,002	0,007	0,092	FALSE
-0,106	0,289	-0,003	0,007	0,162	FALSE
0,042	0,305	0,001	0,007	0,063	FALSE
0,058	0,305	0,002	0,009	0,083	FALSE
0,004	0,317	0,000	0,011	0,009	FALSE
0,000	0,305	0,000	0,012	0,004	FALSE
0,029	0,318	0,001	0,011	0,028	FALSE
0,003	0,296	0,001	0,007	0,028	FALSE
0,025	0,295	0,001	0,007	0,062	FALSE
-0,075	0,327	-0,003	0,011	0,100	FALSE
-0,047	0,314	-0,002	0,010	0,072	FALSE
0,009	0,308	0,000	0,007	0,002	FALSE
-0,052	0,307	-0,002	0,013	0,067	FALSE
-0,001	0,308	0,000	0,010	0,001	FALSE
0,167	0,300	0,007	0,011	0,255	FALSE

-0,014	0,300	0,000	0,009	0,006	FALSE
0,046	0,310	0,001	0,008	0,033	FALSE
-0,055	0,313	-0,002	0,012	0,076	FALSE
-0,095	0,306	-0,003	0,009	0,128	FALSE
0,054	0,317	0,001	0,008	0,047	FALSE
0,125	0,314	0,005	0,010	0,203	FALSE
0,057	0,314	0,001	0,007	0,083	FALSE
-0,158	0,296	-0,004	0,007	0,237	FALSE
0,130	0,288	0,005	0,012	0,185	FALSE
-0,056	0,309	-0,001	0,008	0,055	FALSE
-0,025	0,307	0,000	0,007	0,011	FALSE
-0,101	0,308	-0,002	0,009	0,112	FALSE
-0,052	0,307	-0,001	0,008	0,045	FALSE
-0,015	0,301	0,000	0,012	0,007	FALSE
-0,029	0,322	-0,001	0,011	0,016	FALSE
0,021	0,313	0,001	0,007	0,037	FALSE
0,080	0,305	0,002	0,007	0,129	FALSE
-0,088	0,321	-0,003	0,008	0,123	FALSE
-0,176	0,301	-0,004	0,008	0,229	FALSE
0,018	0,310	0,000	0,007	0,018	FALSE
-0,039	0,317	-0,003	0,012	0,083	FALSE
-0,016	0,325	0,000	0,007	0,013	FALSE
-0,028	0,313	0,000	0,006	0,015	FALSE
-0,112	0,309	-0,002	0,007	0,124	FALSE
-0,013	0,319	0,000	0,012	0,006	FALSE
0,008	0,306	0,000	0,007	0,001	FALSE
0,071	0,296	0,002	0,011	0,078	FALSE
-0,061	0,301	-0,001	0,007	0,063	FALSE
-0,019	0,293	0,000	0,007	0,002	FALSE
-0,012	0,307	0,000	0,008	0,012	FALSE
-0,135	0,314	-0,004	0,009	0,177	FALSE
0,069	0,314	0,004	0,012	0,131	FALSE
0,124	0,296	0,004	0,010	0,185	FALSE
0,085	0,301	0,003	0,010	0,120	FALSE
-0,062	0,311	-0,001	0,007	0,055	FALSE
-0,099	0,300	-0,003	0,009	0,131	FALSE
0,107	0,310	0,003	0,007	0,189	FALSE
-0,081	0,308	-0,003	0,009	0,114	FALSE
0,102	0,305	0,003	0,007	0,168	FALSE
0,059	0,324	0,002	0,012	0,072	FALSE
0,013	0,308	0,001	0,011	0,032	FALSE
-0,024	0,318	-0,001	0,009	0,028	FALSE
0,019	0,311	0,001	0,011	0,035	FALSE
-0,004	0,309	0,000	0,009	0,005	FALSE
0,001	0,308	0,000	0,007	0,015	FALSE
-0,083	0,312	-0,001	0,007	0,071	FALSE
0,077	0,331	0,002	0,009	0,089	FALSE
-0,029	0,312	0,000	0,008	0,020	FALSE
-0,152	0,300	-0,006	0,013	0,196	FALSE
-0,178	0,309	-0,006	0,012	0,221	FALSE
0,254	0,288	0,009	0,010	0,428	FALSE
-0,098	0,299	-0,003	0,011	0,109	FALSE
0,014	0,300	0,001	0,011	0,032	FALSE

-0,030	0,305	0,000	0,007	0,017	FALSE
0,049	0,311	0,001	0,010	0,030	FALSE
-0,020	0,300	0,000	0,007	0,005	FALSE
0,066	0,306	0,001	0,010	0,044	FALSE
-0,116	0,307	-0,005	0,013	0,148	FALSE
0,009	0,307	0,001	0,007	0,029	FALSE
0,042	0,302	0,000	0,007	0,014	FALSE
0,111	0,305	0,003	0,008	0,163	FALSE
-0,065	0,309	-0,004	0,012	0,114	FALSE
0,100	0,301	0,004	0,012	0,149	FALSE
0,023	0,303	0,001	0,008	0,028	FALSE
0,098	0,306	0,003	0,007	0,138	FALSE
0,069	0,304	0,003	0,008	0,116	FALSE
0,055	0,314	0,002	0,009	0,069	FALSE
0,013	0,317	0,001	0,011	0,024	FALSE
0,102	0,302	0,003	0,007	0,142	FALSE
0,034	0,274	0,002	0,011	0,055	FALSE
-0,006	0,283	0,000	0,012	0,005	FALSE
-0,073	0,294	-0,002	0,009	0,087	FALSE
-0,035	0,297	-0,001	0,009	0,048	FALSE
-0,044	0,287	-0,002	0,012	0,049	FALSE
0,001	0,304	0,000	0,009	0,003	FALSE
0,010	0,301	0,000	0,012	0,008	FALSE
0,127	0,303	0,003	0,006	0,214	FALSE
-0,007	0,301	0,000	0,012	0,010	FALSE
-0,020	0,321	0,000	0,013	0,004	FALSE
-0,083	0,297	-0,002	0,010	0,091	FALSE
-0,020	0,313	-0,001	0,013	0,027	FALSE
0,060	0,293	0,002	0,007	0,094	FALSE
-0,032	0,324	-0,001	0,011	0,018	FALSE
-0,029	0,312	-0,001	0,009	0,042	FALSE
0,065	0,313	0,002	0,008	0,071	FALSE
0,094	0,318	0,002	0,007	0,112	FALSE
0,119	0,321	0,003	0,009	0,146	FALSE
-0,011	0,299	-0,001	0,007	0,027	FALSE
0,072	0,306	0,002	0,009	0,069	FALSE
0,164	0,312	0,004	0,009	0,200	FALSE
-0,014	0,330	0,000	0,009	0,008	FALSE
-0,180	0,300	-0,004	0,008	0,254	FALSE
0,082	0,308	0,003	0,010	0,120	FALSE
-0,002	0,299	0,000	0,007	0,000	FALSE
0,124	0,296	0,004	0,010	0,172	FALSE
-0,044	0,304	-0,002	0,012	0,063	FALSE
-0,074	0,306	-0,003	0,011	0,092	FALSE
0,006	0,288	0,000	0,009	0,006	FALSE
0,055	0,308	0,001	0,008	0,065	FALSE
0,081	0,300	0,003	0,010	0,104	FALSE
-0,090	0,308	-0,004	0,013	0,124	FALSE
0,076	0,298	0,003	0,012	0,097	FALSE
-0,151	0,314	-0,006	0,012	0,227	FALSE
-0,022	0,304	-0,001	0,011	0,026	FALSE
-0,162	0,305	-0,007	0,011	0,262	FALSE
0,055	0,312	0,003	0,012	0,085	FALSE

0,048	0,310	0,002	0,012	0,061	FALSE
0,039	0,306	0,001	0,008	0,026	FALSE
-0,121	0,294	-0,005	0,011	0,204	FALSE
-0,141	0,305	-0,006	0,011	0,225	FALSE
0,010	0,303	0,000	0,008	0,017	FALSE
-0,067	0,308	-0,002	0,012	0,057	FALSE
0,085	0,310	0,003	0,012	0,076	FALSE
0,100	0,303	0,003	0,012	0,096	FALSE
-0,059	0,314	-0,002	0,009	0,071	FALSE
0,052	0,325	0,001	0,013	0,027	FALSE
-0,066	0,303	-0,002	0,012	0,052	FALSE
-0,057	0,310	-0,001	0,012	0,039	FALSE
0,003	0,305	0,000	0,008	0,006	FALSE
-0,107	0,302	-0,005	0,012	0,155	FALSE
0,050	0,316	0,002	0,011	0,068	FALSE
-0,038	0,324	-0,002	0,013	0,062	FALSE
0,071	0,295	0,001	0,007	0,084	FALSE
0,034	0,290	0,002	0,011	0,072	FALSE
0,003	0,310	0,001	0,012	0,029	FALSE
0,134	0,303	0,003	0,007	0,210	FALSE
-0,062	0,320	-0,001	0,007	0,053	FALSE
0,055	0,307	0,001	0,007	0,046	FALSE
0,069	0,312	0,002	0,008	0,099	FALSE
-0,102	0,317	-0,002	0,007	0,101	FALSE
0,001	0,301	-0,001	0,011	0,028	FALSE
0,005	0,312	0,000	0,007	0,018	FALSE
0,023	0,314	0,001	0,007	0,026	FALSE
-0,036	0,310	-0,001	0,012	0,038	FALSE
-0,089	0,298	-0,003	0,012	0,101	FALSE
-0,058	0,321	-0,002	0,013	0,062	FALSE
-0,097	0,303	-0,004	0,012	0,122	FALSE
0,052	0,296	0,002	0,012	0,073	FALSE
0,097	0,310	0,004	0,013	0,121	FALSE
0,049	0,311	0,002	0,013	0,063	FALSE
-0,076	0,302	-0,002	0,009	0,097	FALSE
0,036	0,314	0,001	0,009	0,028	FALSE
-0,122	0,298	-0,003	0,008	0,157	FALSE
0,008	0,313	0,000	0,011	0,014	FALSE
0,061	0,312	0,001	0,007	0,066	FALSE
0,048	0,300	0,002	0,008	0,103	FALSE
-0,096	0,306	-0,003	0,012	0,092	FALSE
0,031	0,303	0,001	0,009	0,020	FALSE
0,011	0,309	0,000	0,007	0,008	FALSE
-0,032	0,307	0,000	0,009	0,018	FALSE
-0,011	0,319	0,000	0,009	0,003	FALSE
0,117	0,307	0,003	0,009	0,129	FALSE
0,125	0,294	0,003	0,008	0,142	FALSE
0,050	0,308	0,001	0,007	0,037	FALSE
0,008	0,302	-0,001	0,013	0,017	FALSE
-0,005	0,297	-0,001	0,012	0,045	FALSE
-0,012	0,306	-0,002	0,012	0,059	FALSE
-0,084	0,313	-0,002	0,010	0,092	FALSE
0,034	0,299	0,002	0,012	0,058	FALSE

0,025	0,326	0,001	0,013	0,038	FALSE
-0,062	0,306	-0,003	0,013	0,076	FALSE
0,052	0,304	0,001	0,010	0,033	FALSE
0,080	0,306	0,003	0,010	0,096	FALSE
0,114	0,313	0,004	0,010	0,141	FALSE
0,089	0,303	0,003	0,010	0,113	FALSE
0,049	0,315	0,002	0,010	0,060	FALSE
-0,052	0,315	-0,001	0,012	0,045	FALSE
-0,005	0,298	0,000	0,012	0,007	FALSE
0,009	0,326	0,000	0,011	0,004	FALSE
0,051	0,307	0,002	0,012	0,060	FALSE
-0,130	0,313	-0,003	0,007	0,148	FALSE
-0,065	0,304	-0,002	0,008	0,082	FALSE
-0,118	0,313	-0,002	0,007	0,141	FALSE
0,012	0,312	0,000	0,007	0,015	FALSE
0,077	0,310	0,003	0,012	0,112	FALSE
0,103	0,318	0,004	0,012	0,142	FALSE
0,089	0,311	0,004	0,012	0,136	FALSE
0,078	0,308	0,001	0,008	0,062	FALSE
0,075	0,317	0,002	0,008	0,072	FALSE
0,056	0,297	0,001	0,007	0,067	FALSE
0,020	0,307	0,001	0,008	0,042	FALSE
0,078	0,290	0,002	0,011	0,074	FALSE
-0,068	0,309	-0,005	0,013	0,143	FALSE
-0,052	0,317	-0,003	0,013	0,091	FALSE
-0,121	0,306	-0,004	0,009	0,159	FALSE
0,123	0,313	0,003	0,009	0,129	FALSE
0,025	0,301	0,001	0,008	0,041	FALSE
-0,039	0,324	-0,001	0,010	0,040	FALSE
0,026	0,293	0,001	0,010	0,019	FALSE
0,028	0,315	0,001	0,011	0,026	FALSE
0,047	0,307	0,000	0,007	0,014	FALSE
0,064	0,309	0,004	0,013	0,110	FALSE
0,095	0,300	0,003	0,009	0,148	FALSE
0,075	0,311	0,003	0,011	0,104	FALSE
0,015	0,317	0,000	0,010	0,002	FALSE
-0,060	0,304	-0,003	0,012	0,104	FALSE
0,155	0,299	0,005	0,009	0,225	FALSE
0,044	0,304	0,002	0,010	0,065	FALSE
0,039	0,324	0,001	0,008	0,046	FALSE
0,020	0,307	0,001	0,011	0,028	FALSE
-0,064	0,317	-0,002	0,010	0,072	FALSE
0,022	0,301	0,000	0,011	0,004	FALSE
0,013	0,331	0,000	0,007	0,009	FALSE
-0,064	0,291	-0,001	0,006	0,086	FALSE
-0,059	0,310	-0,002	0,012	0,065	FALSE
-0,049	0,311	-0,002	0,009	0,083	FALSE
-0,049	0,305	-0,002	0,009	0,083	FALSE
-0,136	0,305	-0,004	0,008	0,188	FALSE
0,074	0,307	0,002	0,007	0,088	FALSE
0,027	0,307	0,001	0,007	0,031	FALSE
0,001	0,297	0,000	0,008	0,012	FALSE
-0,029	0,297	-0,001	0,008	0,040	FALSE

-0,022	0,306	0,000	0,006	0,020	FALSE
-0,001	0,300	0,000	0,007	0,004	FALSE
-0,011	0,301	0,000	0,010	0,002	FALSE
-0,009	0,313	0,000	0,010	0,002	FALSE
0,018	0,298	0,001	0,009	0,055	FALSE
0,018	0,299	0,001	0,008	0,050	FALSE
-0,065	0,300	-0,003	0,012	0,100	FALSE
-0,101	0,305	-0,004	0,012	0,139	FALSE
-0,138	0,304	-0,003	0,007	0,180	FALSE
-0,025	0,306	0,000	0,007	0,001	FALSE
-0,046	0,320	-0,002	0,011	0,059	FALSE
0,045	0,322	0,002	0,013	0,063	FALSE
0,027	0,302	0,002	0,011	0,052	FALSE
-0,014	0,308	-0,001	0,012	0,031	FALSE
0,073	0,312	0,003	0,012	0,085	FALSE
0,140	0,309	0,003	0,007	0,152	FALSE
0,038	0,307	0,001	0,009	0,049	FALSE
0,070	0,320	0,003	0,010	0,110	FALSE
-0,046	0,292	-0,002	0,011	0,063	FALSE
0,088	0,315	0,002	0,008	0,120	FALSE
0,087	0,303	0,003	0,011	0,115	FALSE
0,030	0,306	0,002	0,012	0,068	FALSE
0,013	0,307	0,000	0,006	0,010	FALSE
0,094	0,312	0,004	0,013	0,108	FALSE
0,072	0,313	0,001	0,007	0,064	FALSE
0,027	0,307	0,002	0,009	0,068	FALSE
0,034	0,312	0,001	0,012	0,042	FALSE
0,013	0,300	0,001	0,006	0,038	FALSE
-0,057	0,296	-0,003	0,009	0,120	FALSE
0,112	0,310	0,002	0,007	0,109	FALSE
-0,104	0,306	-0,003	0,009	0,142	FALSE
-0,102	0,319	-0,005	0,013	0,156	FALSE
0,060	0,310	0,001	0,006	0,071	FALSE
0,037	0,297	0,001	0,007	0,068	FALSE
-0,049	0,304	-0,002	0,010	0,060	FALSE
-0,003	0,305	0,000	0,009	0,002	FALSE
0,066	0,296	0,002	0,007	0,083	FALSE
-0,047	0,314	-0,001	0,010	0,056	FALSE
-0,032	0,315	-0,002	0,013	0,043	FALSE
-0,060	0,308	-0,001	0,009	0,058	FALSE
0,043	0,318	0,003	0,013	0,076	FALSE
0,186	0,309	0,005	0,009	0,262	FALSE
-0,131	0,299	-0,003	0,007	0,169	FALSE
0,013	0,311	0,000	0,007	0,008	FALSE
-0,106	0,313	-0,003	0,010	0,109	FALSE
-0,116	0,293	-0,002	0,006	0,128	FALSE
-0,085	0,312	-0,003	0,011	0,101	FALSE
0,065	0,299	0,003	0,012	0,088	FALSE
-0,149	0,308	-0,004	0,007	0,210	FALSE
-0,181	0,297	-0,004	0,007	0,270	FALSE
0,209	0,304	0,005	0,007	0,293	FALSE
-0,098	0,316	-0,002	0,007	0,132	FALSE
0,020	0,310	0,000	0,007	0,014	FALSE

0,034	0,311	0,001	0,007	0,036	FALSE
0,130	0,316	0,005	0,011	0,170	FALSE
0,032	0,300	0,001	0,006	0,053	FALSE
-0,013	0,311	0,000	0,010	0,003	FALSE
-0,034	0,319	-0,001	0,010	0,041	FALSE
-0,010	0,310	0,000	0,010	0,005	FALSE
-0,129	0,314	-0,003	0,007	0,162	FALSE
0,153	0,301	0,005	0,010	0,205	FALSE
-0,041	0,301	-0,001	0,006	0,069	FALSE
0,013	0,318	0,001	0,009	0,022	FALSE
0,060	0,303	0,002	0,011	0,066	FALSE
0,073	0,301	0,003	0,011	0,102	FALSE
0,128	0,313	0,002	0,008	0,131	FALSE
0,044	0,301	0,001	0,008	0,046	FALSE
0,045	0,310	0,001	0,008	0,043	FALSE
0,102	0,316	0,003	0,008	0,137	FALSE
-0,050	0,290	-0,001	0,008	0,039	FALSE
0,194	0,300	0,004	0,008	0,259	FALSE
0,175	0,309	0,004	0,008	0,230	FALSE
0,040	0,305	0,002	0,011	0,070	FALSE
0,080	0,302	0,002	0,007	0,122	FALSE
-0,032	0,300	-0,002	0,012	0,066	FALSE
0,022	0,304	0,001	0,012	0,039	FALSE
0,029	0,303	0,001	0,013	0,014	FALSE
-0,039	0,300	-0,001	0,010	0,030	FALSE
0,009	0,302	0,000	0,007	0,017	FALSE
-0,101	0,314	-0,004	0,010	0,154	FALSE
-0,080	0,320	-0,003	0,013	0,097	FALSE
-0,036	0,302	-0,001	0,012	0,046	FALSE
-0,084	0,311	-0,003	0,012	0,103	FALSE
0,021	0,308	0,001	0,008	0,025	FALSE
0,048	0,312	0,002	0,012	0,065	FALSE
0,033	0,322	0,002	0,012	0,053	FALSE
0,033	0,309	0,002	0,011	0,066	FALSE
-0,008	0,316	0,001	0,012	0,019	FALSE
0,014	0,321	0,001	0,011	0,025	FALSE
0,019	0,311	0,001	0,011	0,035	FALSE
0,039	0,312	0,001	0,007	0,036	FALSE
0,030	0,312	0,001	0,013	0,033	FALSE
0,061	0,315	0,002	0,009	0,107	FALSE
-0,018	0,304	0,000	0,006	0,010	FALSE
0,036	0,305	0,001	0,011	0,034	FALSE
-0,001	0,308	0,001	0,010	0,025	FALSE
0,015	0,316	0,001	0,009	0,021	FALSE
-0,044	0,310	-0,001	0,009	0,028	FALSE
0,133	0,305	0,003	0,006	0,194	FALSE
0,005	0,329	0,000	0,009	0,012	FALSE
0,030	0,315	0,001	0,008	0,040	FALSE
0,081	0,310	0,003	0,011	0,122	FALSE
0,130	0,305	0,005	0,009	0,202	FALSE
0,084	0,296	0,004	0,013	0,135	FALSE
0,121	0,316	0,004	0,010	0,179	FALSE
-0,090	0,314	-0,003	0,012	0,092	FALSE

0,057	0,308	0,001	0,008	0,074	FALSE
0,042	0,311	0,001	0,008	0,032	FALSE
-0,058	0,310	-0,002	0,013	0,062	FALSE
0,039	0,308	0,001	0,010	0,023	FALSE
0,029	0,313	0,001	0,007	0,036	FALSE
0,107	0,313	0,004	0,013	0,111	FALSE
0,050	0,314	0,001	0,008	0,050	FALSE
0,055	0,308	0,001	0,007	0,054	FALSE
0,039	0,308	0,001	0,007	0,041	FALSE
-0,080	0,307	-0,004	0,013	0,105	FALSE
-0,031	0,311	-0,001	0,009	0,034	FALSE
0,002	0,310	0,000	0,006	0,005	FALSE
0,078	0,312	0,003	0,010	0,099	FALSE
-0,074	0,314	-0,001	0,008	0,061	FALSE
-0,063	0,315	-0,001	0,009	0,062	FALSE
-0,049	0,305	-0,001	0,009	0,047	FALSE
0,001	0,317	0,000	0,008	0,014	FALSE
0,134	0,314	0,003	0,008	0,171	FALSE
-0,065	0,307	-0,003	0,011	0,091	FALSE
0,016	0,315	0,000	0,008	0,010	FALSE
0,090	0,314	0,004	0,012	0,127	FALSE
-0,001	0,308	0,000	0,010	0,010	FALSE
-0,062	0,318	-0,001	0,007	0,059	FALSE
0,007	0,296	0,000	0,011	0,015	FALSE
0,135	0,307	0,005	0,010	0,188	FALSE
0,207	0,295	0,009	0,011	0,340	FALSE
-0,200	0,292	-0,006	0,008	0,344	FALSE
0,185	0,295	0,008	0,012	0,292	FALSE
-0,074	0,313	-0,002	0,012	0,075	FALSE
-0,040	0,318	-0,002	0,010	0,073	FALSE
0,007	0,326	0,000	0,011	0,004	FALSE
0,089	0,307	0,004	0,010	0,149	FALSE
0,008	0,315	0,001	0,009	0,029	FALSE
0,076	0,319	0,003	0,009	0,122	FALSE
0,004	0,300	0,000	0,007	0,006	FALSE
-0,022	0,307	-0,002	0,012	0,059	FALSE
0,030	0,309	0,001	0,008	0,041	FALSE
-0,045	0,305	-0,002	0,012	0,064	FALSE
0,042	0,310	0,001	0,009	0,041	FALSE
-0,121	0,295	-0,003	0,008	0,146	FALSE
-0,068	0,302	-0,003	0,010	0,117	FALSE
0,071	0,329	0,002	0,008	0,083	FALSE
-0,073	0,322	-0,001	0,008	0,061	FALSE
0,031	0,307	0,001	0,009	0,026	FALSE
-0,039	0,306	-0,001	0,007	0,047	FALSE
-0,045	0,312	-0,001	0,009	0,056	FALSE
0,082	0,309	0,002	0,008	0,087	FALSE
-0,169	0,312	-0,006	0,013	0,202	FALSE
-0,096	0,313	-0,003	0,010	0,119	FALSE
-0,034	0,310	-0,002	0,013	0,048	FALSE
-0,052	0,311	-0,001	0,009	0,055	FALSE
0,002	0,297	0,000	0,007	0,010	FALSE
0,006	0,305	0,000	0,007	0,016	FALSE

0,030	0,303	0,001	0,006	0,038	FALSE
0,038	0,307	0,000	0,007	0,018	FALSE
-0,075	0,297	-0,002	0,008	0,092	FALSE
-0,029	0,303	-0,001	0,010	0,052	FALSE
0,045	0,315	0,001	0,007	0,073	FALSE
-0,047	0,307	-0,001	0,008	0,051	FALSE
0,009	0,309	0,000	0,008	0,013	FALSE
-0,048	0,303	-0,001	0,007	0,055	FALSE
0,023	0,318	0,001	0,012	0,023	FALSE
-0,067	0,309	-0,002	0,009	0,082	FALSE
0,066	0,315	0,003	0,012	0,087	FALSE
0,054	0,300	0,002	0,012	0,048	FALSE
0,052	0,310	0,002	0,012	0,078	FALSE
0,046	0,295	0,002	0,011	0,064	FALSE
0,073	0,303	0,002	0,011	0,077	FALSE
0,144	0,305	0,003	0,007	0,196	FALSE
0,055	0,305	0,002	0,012	0,073	FALSE
0,024	0,299	0,001	0,009	0,021	FALSE
0,026	0,306	0,001	0,007	0,038	FALSE
0,075	0,303	0,002	0,007	0,118	FALSE
-0,029	0,306	-0,001	0,012	0,022	FALSE
-0,013	0,316	-0,001	0,009	0,029	FALSE
0,023	0,308	0,001	0,012	0,043	FALSE
0,012	0,310	0,001	0,012	0,021	FALSE
0,144	0,306	0,004	0,008	0,196	FALSE
-0,108	0,297	-0,003	0,009	0,119	FALSE
-0,023	0,305	-0,002	0,011	0,057	FALSE
0,134	0,301	0,003	0,007	0,177	FALSE
-0,066	0,308	-0,002	0,006	0,098	FALSE
-0,040	0,313	-0,001	0,008	0,038	FALSE
0,087	0,309	0,005	0,013	0,160	FALSE
0,011	0,314	0,001	0,008	0,024	FALSE
0,032	0,308	0,001	0,007	0,029	FALSE
0,121	0,282	0,004	0,009	0,168	FALSE
0,123	0,295	0,003	0,009	0,152	FALSE
-0,125	0,303	-0,003	0,008	0,181	FALSE
-0,124	0,313	-0,003	0,009	0,166	FALSE
0,070	0,316	0,003	0,012	0,103	FALSE
0,088	0,295	0,002	0,008	0,078	FALSE
-0,080	0,295	-0,003	0,013	0,079	FALSE
0,060	0,309	0,003	0,012	0,106	FALSE
0,005	0,300	0,001	0,011	0,030	FALSE
-0,057	0,308	-0,002	0,008	0,101	FALSE
0,078	0,314	0,004	0,012	0,120	FALSE
-0,050	0,307	-0,001	0,011	0,030	FALSE
-0,020	0,313	-0,001	0,013	0,033	FALSE
-0,057	0,319	-0,001	0,009	0,060	FALSE
0,027	0,311	0,001	0,008	0,032	FALSE
-0,044	0,293	-0,001	0,009	0,054	FALSE
-0,095	0,291	-0,003	0,009	0,114	FALSE
0,079	0,313	0,002	0,010	0,078	FALSE
-0,020	0,301	-0,001	0,011	0,021	FALSE
0,082	0,297	0,003	0,009	0,126	FALSE

0,060	0,316	0,002	0,009	0,090	FALSE
-0,004	0,319	0,000	0,010	0,011	FALSE
0,004	0,315	0,000	0,007	0,004	FALSE
-0,027	0,306	-0,001	0,008	0,047	FALSE
-0,103	0,301	-0,003	0,009	0,110	FALSE
0,149	0,304	0,004	0,008	0,209	FALSE
0,137	0,303	0,003	0,008	0,151	FALSE
0,099	0,300	0,003	0,011	0,094	FALSE
-0,157	0,300	-0,003	0,006	0,203	FALSE
-0,047	0,305	-0,001	0,013	0,039	FALSE
0,136	0,302	0,005	0,011	0,187	FALSE
0,137	0,309	0,005	0,012	0,179	FALSE
0,073	0,302	0,002	0,008	0,075	FALSE
0,003	0,313	0,000	0,009	0,013	FALSE
-0,031	0,313	-0,001	0,011	0,043	FALSE
0,123	0,297	0,003	0,007	0,178	FALSE
-0,098	0,313	-0,002	0,008	0,111	FALSE
-0,059	0,315	-0,001	0,007	0,059	FALSE
-0,028	0,304	0,000	0,008	0,010	FALSE
0,100	0,300	0,004	0,013	0,125	FALSE
0,090	0,302	0,003	0,013	0,104	FALSE
0,042	0,320	0,001	0,007	0,077	FALSE
-0,038	0,310	-0,001	0,013	0,038	FALSE
0,051	0,300	0,002	0,010	0,082	FALSE
0,059	0,310	0,001	0,007	0,071	FALSE
-0,013	0,310	0,000	0,011	0,003	FALSE
-0,129	0,292	-0,007	0,012	0,235	FALSE
0,061	0,309	0,002	0,008	0,087	FALSE
-0,046	0,291	-0,003	0,010	0,100	FALSE
-0,014	0,313	0,000	0,007	0,022	FALSE
-0,065	0,304	-0,003	0,011	0,108	FALSE
0,085	0,313	0,003	0,010	0,095	FALSE
0,064	0,298	0,002	0,010	0,064	FALSE
-0,114	0,308	-0,003	0,008	0,147	FALSE
-0,033	0,321	-0,001	0,012	0,039	FALSE
-0,094	0,300	-0,003	0,009	0,116	FALSE
0,045	0,303	0,002	0,012	0,061	FALSE
0,038	0,311	0,001	0,012	0,045	FALSE
0,006	0,311	0,000	0,012	0,015	FALSE
-0,001	0,307	0,000	0,007	0,003	FALSE
-0,085	0,313	-0,002	0,007	0,105	FALSE
-0,152	0,311	-0,006	0,013	0,196	FALSE
-0,079	0,294	-0,003	0,009	0,116	FALSE
0,063	0,320	0,001	0,009	0,055	FALSE
0,072	0,318	0,002	0,007	0,095	FALSE
0,012	0,315	0,000	0,007	0,022	FALSE
0,038	0,309	0,003	0,013	0,076	FALSE
-0,012	0,309	0,000	0,011	0,013	FALSE
0,002	0,317	0,000	0,009	0,004	FALSE
-0,002	0,303	0,000	0,009	0,012	FALSE
-0,025	0,310	-0,001	0,011	0,048	FALSE
-0,064	0,307	-0,002	0,010	0,092	FALSE
-0,110	0,307	-0,002	0,007	0,136	FALSE

-0,079	0,296	-0,002	0,006	0,095	FALSE
0,070	0,299	0,001	0,006	0,081	FALSE
0,015	0,299	0,001	0,006	0,033	FALSE
0,012	0,290	0,000	0,011	0,008	FALSE
0,037	0,295	0,002	0,012	0,057	FALSE
-0,035	0,303	-0,001	0,007	0,041	FALSE
-0,016	0,320	0,000	0,008	0,003	FALSE
-0,022	0,324	0,000	0,008	0,001	FALSE
-0,005	0,302	0,000	0,008	0,014	FALSE
0,031	0,307	0,002	0,010	0,057	FALSE
-0,034	0,296	0,000	0,006	0,003	FALSE
0,006	0,306	0,000	0,009	0,017	FALSE
-0,024	0,307	-0,001	0,008	0,027	FALSE
-0,183	0,304	-0,008	0,012	0,274	FALSE
0,010	0,294	0,001	0,009	0,036	FALSE
-0,069	0,288	-0,003	0,012	0,099	FALSE
-0,108	0,313	-0,003	0,010	0,111	FALSE
0,063	0,307	0,003	0,012	0,081	FALSE
0,085	0,318	0,003	0,011	0,104	FALSE
-0,064	0,287	-0,002	0,009	0,097	FALSE
0,032	0,314	0,001	0,013	0,033	FALSE
-0,053	0,304	-0,002	0,013	0,069	FALSE
-0,051	0,318	-0,001	0,009	0,042	FALSE
0,007	0,310	0,001	0,010	0,021	FALSE
0,001	0,310	0,000	0,009	0,007	FALSE
-0,075	0,316	-0,002	0,008	0,077	FALSE
0,109	0,300	0,005	0,013	0,146	FALSE
0,139	0,300	0,005	0,011	0,192	FALSE
0,005	0,296	-0,001	0,007	0,028	FALSE
0,169	0,308	0,004	0,007	0,223	FALSE
-0,004	0,305	0,000	0,008	0,003	FALSE
0,076	0,311	0,002	0,011	0,081	FALSE
0,111	0,314	0,005	0,013	0,158	FALSE
-0,154	0,304	-0,007	0,012	0,236	FALSE
0,061	0,303	0,003	0,011	0,087	FALSE
-0,063	0,324	-0,002	0,010	0,068	FALSE
0,110	0,302	0,003	0,010	0,132	FALSE
-0,012	0,308	0,000	0,009	0,001	FALSE
0,051	0,308	0,001	0,008	0,059	FALSE
-0,106	0,313	-0,003	0,009	0,142	FALSE
-0,024	0,297	0,000	0,009	0,004	FALSE
-0,099	0,315	-0,002	0,006	0,108	FALSE
-0,013	0,311	-0,001	0,010	0,036	FALSE
0,089	0,306	0,003	0,011	0,101	FALSE
-0,018	0,314	-0,001	0,011	0,032	FALSE
-0,013	0,300	0,000	0,009	0,015	FALSE
-0,081	0,312	-0,004	0,013	0,106	FALSE
-0,026	0,315	-0,001	0,013	0,040	FALSE
-0,051	0,318	-0,001	0,008	0,069	FALSE
-0,009	0,301	-0,001	0,009	0,041	FALSE
-0,018	0,299	-0,001	0,009	0,057	FALSE
0,094	0,311	0,003	0,008	0,126	FALSE
-0,002	0,300	-0,001	0,009	0,023	FALSE

0,101	0,304	0,003	0,011	0,109	FALSE
0,135	0,300	0,004	0,008	0,194	FALSE
0,093	0,302	0,003	0,009	0,124	FALSE
0,096	0,308	0,002	0,008	0,106	FALSE
-0,125	0,310	-0,003	0,007	0,152	FALSE
-0,057	0,309	-0,001	0,007	0,050	FALSE
-0,054	0,306	-0,001	0,011	0,044	FALSE
-0,135	0,293	-0,003	0,009	0,161	FALSE
-0,124	0,296	-0,003	0,009	0,147	FALSE
-0,110	0,315	-0,004	0,010	0,137	FALSE
-0,055	0,300	-0,002	0,012	0,055	FALSE
-0,071	0,297	-0,002	0,012	0,069	FALSE
-0,038	0,301	-0,001	0,012	0,038	FALSE
-0,038	0,299	-0,001	0,012	0,024	FALSE
-0,034	0,313	-0,001	0,013	0,022	FALSE
-0,070	0,312	-0,002	0,007	0,087	FALSE
-0,006	0,314	0,000	0,007	0,023	FALSE
-0,112	0,317	-0,004	0,013	0,129	FALSE
-0,199	0,309	-0,007	0,012	0,268	FALSE
-0,069	0,312	-0,002	0,011	0,085	FALSE
0,041	0,309	0,001	0,010	0,053	FALSE
-0,098	0,308	-0,002	0,007	0,093	FALSE
-0,132	0,303	-0,003	0,007	0,152	FALSE
-0,078	0,310	-0,002	0,009	0,095	FALSE
-0,121	0,310	-0,004	0,010	0,144	FALSE
-0,026	0,303	-0,001	0,011	0,048	FALSE
-0,004	0,311	-0,001	0,011	0,019	FALSE
0,022	0,309	0,001	0,012	0,016	FALSE
0,027	0,320	0,001	0,012	0,023	FALSE
-0,006	0,293	-0,001	0,011	0,016	FALSE
0,073	0,302	0,001	0,007	0,061	FALSE
0,021	0,308	0,000	0,012	0,006	FALSE
-0,059	0,305	-0,002	0,012	0,054	FALSE
0,037	0,300	0,001	0,007	0,027	FALSE
0,077	0,311	0,003	0,010	0,098	FALSE
0,092	0,302	0,004	0,011	0,131	FALSE
-0,054	0,313	-0,002	0,009	0,063	FALSE
0,018	0,297	0,001	0,012	0,034	FALSE
0,053	0,310	0,001	0,008	0,054	FALSE
-0,014	0,326	0,000	0,011	0,014	FALSE
0,007	0,302	0,000	0,007	0,013	FALSE
-0,106	0,312	-0,003	0,009	0,128	FALSE
-0,084	0,292	-0,002	0,008	0,124	FALSE
0,040	0,299	0,001	0,006	0,042	FALSE
0,026	0,298	0,001	0,009	0,038	FALSE
0,154	0,302	0,006	0,013	0,202	FALSE
-0,030	0,312	-0,001	0,007	0,039	FALSE
0,066	0,316	0,002	0,011	0,060	FALSE
0,035	0,313	0,002	0,011	0,052	FALSE
-0,083	0,304	-0,003	0,012	0,091	FALSE
-0,009	0,310	0,000	0,009	0,000	FALSE
0,032	0,314	0,000	0,008	0,015	FALSE
0,058	0,302	0,001	0,008	0,054	FALSE

-0,067	0,320	-0,002	0,008	0,102	FALSE
0,069	0,307	0,003	0,013	0,085	FALSE
0,114	0,300	0,003	0,007	0,151	FALSE
0,037	0,313	0,002	0,012	0,053	FALSE
0,020	0,311	0,001	0,012	0,029	FALSE
0,016	0,311	0,000	0,010	0,005	FALSE
-0,047	0,302	-0,001	0,012	0,039	FALSE
-0,015	0,314	-0,002	0,012	0,057	FALSE
0,079	0,303	0,003	0,011	0,099	FALSE
0,057	0,303	0,001	0,007	0,067	FALSE
0,047	0,310	0,002	0,012	0,057	FALSE
-0,146	0,296	-0,007	0,012	0,265	FALSE
0,017	0,317	0,001	0,008	0,022	FALSE
0,063	0,302	0,002	0,012	0,062	FALSE
0,051	0,299	0,001	0,009	0,054	FALSE
0,071	0,303	0,002	0,013	0,064	FALSE
0,109	0,305	0,004	0,011	0,157	FALSE
0,003	0,297	0,000	0,008	0,010	FALSE
0,063	0,302	0,002	0,010	0,096	FALSE
0,080	0,303	0,002	0,009	0,075	FALSE
0,071	0,309	0,003	0,010	0,102	FALSE
0,085	0,308	0,003	0,010	0,109	FALSE
0,043	0,303	0,001	0,010	0,057	FALSE
-0,118	0,277	-0,002	0,006	0,151	FALSE
-0,023	0,294	0,000	0,011	0,012	FALSE
-0,021	0,319	-0,001	0,012	0,016	FALSE
0,057	0,312	0,001	0,007	0,071	FALSE
0,092	0,309	0,003	0,009	0,124	FALSE
0,066	0,311	0,002	0,008	0,094	FALSE
0,009	0,304	0,000	0,006	0,024	FALSE
0,125	0,311	0,003	0,007	0,184	FALSE
0,092	0,308	0,003	0,010	0,103	FALSE
-0,127	0,300	-0,005	0,011	0,177	FALSE
0,043	0,282	0,003	0,012	0,081	FALSE
0,154	0,300	0,004	0,009	0,194	FALSE
-0,097	0,292	-0,004	0,009	0,159	FALSE
0,075	0,305	0,004	0,012	0,113	FALSE
0,051	0,299	0,002	0,012	0,073	FALSE
-0,061	0,309	-0,002	0,010	0,072	FALSE
0,025	0,307	0,001	0,009	0,029	FALSE
0,009	0,305	0,000	0,008	0,011	FALSE
-0,050	0,322	-0,003	0,013	0,085	FALSE
-0,058	0,322	-0,001	0,007	0,064	FALSE
0,068	0,311	0,004	0,013	0,112	FALSE
-0,053	0,312	-0,003	0,013	0,093	FALSE
0,042	0,310	0,002	0,012	0,073	FALSE
-0,052	0,303	-0,001	0,008	0,060	FALSE
-0,048	0,306	-0,001	0,008	0,062	FALSE
0,011	0,311	0,001	0,011	0,033	FALSE
0,008	0,305	0,001	0,010	0,024	FALSE
-0,037	0,296	0,000	0,013	0,012	FALSE
0,029	0,305	0,001	0,010	0,049	FALSE
0,000	0,292	-0,001	0,010	0,038	FALSE

-0,083	0,296	-0,002	0,008	0,111	FALSE
0,009	0,304	0,000	0,008	0,023	FALSE
0,031	0,312	0,002	0,011	0,056	FALSE
0,107	0,313	0,003	0,009	0,127	FALSE
0,032	0,287	0,001	0,012	0,031	FALSE
0,022	0,300	0,001	0,013	0,020	FALSE
-0,004	0,317	0,000	0,008	0,008	FALSE
-0,085	0,306	-0,003	0,010	0,117	FALSE
-0,023	0,305	-0,001	0,007	0,029	FALSE
-0,018	0,307	0,000	0,009	0,015	FALSE
-0,025	0,293	-0,001	0,008	0,032	FALSE
-0,121	0,278	-0,004	0,010	0,159	FALSE
-0,156	0,293	-0,005	0,008	0,237	FALSE
-0,167	0,299	-0,007	0,013	0,235	FALSE
0,041	0,299	0,002	0,009	0,070	FALSE
-0,073	0,309	-0,002	0,009	0,086	FALSE
0,073	0,317	0,003	0,010	0,119	FALSE
-0,059	0,306	-0,002	0,012	0,060	FALSE
0,007	0,304	0,001	0,009	0,032	FALSE
0,154	0,301	0,004	0,009	0,192	FALSE
-0,089	0,306	-0,002	0,008	0,125	FALSE
0,136	0,301	0,004	0,007	0,212	FALSE
-0,100	0,327	-0,002	0,008	0,104	FALSE
-0,088	0,316	-0,004	0,013	0,123	FALSE
0,043	0,307	0,001	0,007	0,058	FALSE
0,064	0,311	0,001	0,009	0,061	FALSE
0,108	0,302	0,005	0,012	0,164	FALSE
-0,081	0,317	-0,002	0,007	0,096	FALSE
0,131	0,316	0,006	0,013	0,195	FALSE
0,019	0,304	0,002	0,012	0,051	FALSE
0,010	0,299	0,001	0,012	0,037	FALSE
0,022	0,303	0,002	0,012	0,055	FALSE
-0,010	0,320	0,000	0,010	0,015	FALSE
-0,026	0,306	0,000	0,011	0,008	FALSE
0,037	0,320	0,000	0,008	0,015	FALSE
0,071	0,303	0,002	0,009	0,074	FALSE
-0,020	0,298	-0,001	0,011	0,016	FALSE
0,086	0,319	0,002	0,009	0,093	FALSE
-0,042	0,323	-0,001	0,007	0,042	FALSE
0,015	0,317	0,001	0,012	0,015	FALSE
-0,020	0,308	-0,001	0,011	0,016	FALSE
0,038	0,315	0,001	0,012	0,026	FALSE
0,040	0,311	0,001	0,012	0,044	FALSE
0,125	0,319	0,005	0,011	0,175	FALSE
-0,021	0,315	-0,001	0,011	0,040	FALSE
0,032	0,314	0,001	0,009	0,048	FALSE
0,043	0,305	0,001	0,007	0,027	FALSE
-0,056	0,305	-0,002	0,007	0,086	FALSE
0,071	0,307	0,004	0,011	0,121	FALSE
-0,037	0,299	-0,001	0,009	0,037	FALSE
-0,056	0,305	-0,002	0,008	0,102	FALSE
-0,036	0,302	-0,001	0,012	0,021	FALSE
0,000	0,297	0,000	0,007	0,010	FALSE

-0,014	0,311	0,000	0,012	0,002	FALSE
-0,037	0,302	-0,001	0,012	0,041	FALSE
-0,036	0,316	-0,001	0,013	0,034	FALSE
-0,066	0,310	-0,003	0,012	0,088	FALSE
-0,101	0,326	-0,004	0,012	0,141	FALSE
0,043	0,312	0,002	0,011	0,081	FALSE
0,006	0,308	0,000	0,008	0,011	FALSE
-0,110	0,296	-0,005	0,011	0,176	FALSE
0,037	0,303	0,002	0,012	0,056	FALSE
0,044	0,308	0,002	0,011	0,059	FALSE
0,145	0,304	0,003	0,007	0,184	FALSE
-0,036	0,311	-0,001	0,008	0,063	FALSE
0,005	0,310	0,000	0,008	0,012	FALSE
0,002	0,312	0,000	0,011	0,001	FALSE
0,097	0,310	0,003	0,008	0,139	FALSE
-0,124	0,320	-0,005	0,011	0,175	FALSE
-0,088	0,304	-0,003	0,013	0,100	FALSE
0,062	0,306	0,002	0,007	0,090	FALSE
-0,053	0,306	-0,002	0,012	0,049	FALSE
0,031	0,299	0,002	0,012	0,047	FALSE
-0,008	0,302	-0,001	0,012	0,021	FALSE
-0,019	0,310	-0,001	0,008	0,033	FALSE
-0,009	0,316	0,000	0,010	0,017	FALSE
0,031	0,310	0,002	0,011	0,063	FALSE
-0,060	0,307	-0,003	0,011	0,086	FALSE
-0,087	0,302	-0,003	0,011	0,125	FALSE
0,084	0,293	0,002	0,008	0,105	FALSE
-0,025	0,306	-0,001	0,012	0,047	FALSE
0,024	0,295	0,000	0,007	0,014	FALSE
0,035	0,306	0,002	0,010	0,067	FALSE
-0,025	0,299	-0,001	0,012	0,034	FALSE
-0,039	0,313	-0,002	0,013	0,070	FALSE
-0,028	0,307	-0,002	0,011	0,071	FALSE
-0,041	0,298	-0,003	0,012	0,088	FALSE
0,137	0,293	0,007	0,013	0,240	FALSE
0,076	0,314	0,002	0,010	0,081	FALSE
0,090	0,318	0,002	0,010	0,086	FALSE
0,105	0,306	0,003	0,009	0,121	FALSE
0,058	0,309	0,002	0,012	0,063	FALSE
0,115	0,309	0,005	0,013	0,146	FALSE
0,234	0,304	0,009	0,012	0,347	FALSE
-0,045	0,305	-0,001	0,006	0,053	FALSE
-0,030	0,303	-0,001	0,008	0,033	FALSE
0,114	0,317	0,005	0,012	0,163	FALSE
0,008	0,329	0,000	0,009	0,011	FALSE
0,030	0,322	0,001	0,009	0,032	FALSE
0,049	0,315	0,001	0,009	0,059	FALSE
0,027	0,314	0,001	0,009	0,031	FALSE
0,017	0,319	0,001	0,009	0,024	FALSE
-0,092	0,311	-0,004	0,011	0,149	FALSE
-0,094	0,306	-0,004	0,011	0,147	FALSE
0,142	0,293	0,004	0,008	0,207	FALSE
-0,109	0,302	-0,004	0,011	0,150	FALSE

-0,019	0,306	-0,001	0,008	0,040	FALSE
-0,128	0,299	-0,004	0,010	0,184	FALSE
-0,010	0,314	-0,001	0,012	0,030	FALSE
0,029	0,307	0,000	0,010	0,018	FALSE
-0,051	0,306	-0,001	0,008	0,063	FALSE
-0,068	0,304	-0,002	0,008	0,077	FALSE
0,091	0,287	0,003	0,007	0,151	FALSE
-0,029	0,321	-0,001	0,006	0,040	FALSE
0,077	0,300	0,002	0,008	0,087	FALSE
0,068	0,303	0,002	0,008	0,080	FALSE
0,043	0,304	0,001	0,008	0,039	FALSE
0,047	0,307	0,001	0,008	0,050	FALSE
0,164	0,290	0,003	0,007	0,195	FALSE
-0,075	0,295	-0,003	0,012	0,114	FALSE
-0,087	0,297	-0,004	0,012	0,127	FALSE
0,093	0,300	0,003	0,010	0,105	FALSE
0,012	0,325	0,000	0,012	0,013	FALSE
0,003	0,304	0,000	0,009	0,019	FALSE
0,049	0,292	0,002	0,010	0,084	FALSE
-0,041	0,306	-0,001	0,008	0,053	FALSE
-0,159	0,303	-0,006	0,011	0,231	FALSE
-0,165	0,317	-0,006	0,012	0,215	FALSE
-0,147	0,317	-0,005	0,011	0,195	FALSE
0,087	0,306	0,002	0,010	0,083	FALSE
0,096	0,319	0,002	0,008	0,117	FALSE
0,068	0,312	0,003	0,010	0,123	FALSE
-0,033	0,316	0,000	0,007	0,004	FALSE
0,091	0,312	0,004	0,010	0,144	FALSE
0,151	0,312	0,007	0,013	0,223	FALSE
0,067	0,317	0,003	0,011	0,107	FALSE
0,204	0,295	0,007	0,011	0,303	TRUE
0,133	0,298	0,003	0,006	0,191	FALSE
0,059	0,307	0,003	0,012	0,089	FALSE
-0,027	0,320	-0,001	0,008	0,035	FALSE
0,045	0,295	0,001	0,006	0,036	FALSE
-0,084	0,314	-0,002	0,007	0,118	FALSE
-0,010	0,308	0,000	0,013	0,001	FALSE
0,024	0,309	0,000	0,007	0,024	FALSE
0,099	0,304	0,003	0,009	0,145	FALSE
0,045	0,308	0,001	0,007	0,059	FALSE
-0,072	0,298	-0,003	0,010	0,102	FALSE
0,020	0,303	0,001	0,013	0,018	FALSE
-0,007	0,311	0,000	0,013	0,006	FALSE
-0,007	0,302	0,000	0,012	0,001	FALSE
0,156	0,305	0,006	0,012	0,218	FALSE
-0,077	0,312	-0,003	0,013	0,086	FALSE
-0,070	0,307	-0,002	0,010	0,088	FALSE
0,127	0,312	0,005	0,011	0,191	FALSE
-0,047	0,300	-0,002	0,012	0,054	FALSE
-0,095	0,290	-0,004	0,011	0,133	FALSE
0,119	0,293	0,005	0,011	0,179	FALSE
0,062	0,297	0,002	0,010	0,074	FALSE
-0,011	0,308	-0,001	0,012	0,022	FALSE

-0,061	0,311	-0,001	0,007	0,078	FALSE
-0,052	0,301	-0,001	0,007	0,049	FALSE
0,026	0,316	0,001	0,013	0,014	FALSE
0,082	0,299	0,002	0,006	0,139	FALSE
0,112	0,309	0,003	0,008	0,133	FALSE
-0,063	0,315	-0,002	0,010	0,068	FALSE
0,025	0,312	0,000	0,013	0,010	FALSE
0,007	0,309	0,000	0,010	0,004	FALSE
0,062	0,313	0,002	0,008	0,090	FALSE
-0,080	0,303	-0,002	0,007	0,110	FALSE
-0,068	0,307	-0,001	0,007	0,060	FALSE
-0,057	0,317	-0,001	0,008	0,049	FALSE
0,103	0,303	0,003	0,007	0,148	FALSE
0,105	0,308	0,002	0,007	0,130	FALSE
-0,062	0,304	-0,001	0,007	0,043	FALSE
-0,009	0,295	0,000	0,007	0,014	FALSE
0,169	0,302	0,007	0,013	0,221	FALSE
0,133	0,299	0,005	0,010	0,222	FALSE
-0,013	0,300	0,000	0,008	0,007	FALSE
-0,009	0,312	0,000	0,006	0,005	FALSE
-0,053	0,294	-0,002	0,011	0,055	FALSE
-0,056	0,290	-0,001	0,011	0,047	FALSE
0,106	0,308	0,005	0,011	0,191	FALSE
0,101	0,295	0,004	0,010	0,174	FALSE
0,089	0,307	0,004	0,011	0,137	FALSE
-0,025	0,314	-0,001	0,013	0,041	FALSE
-0,036	0,294	-0,002	0,012	0,048	FALSE
0,085	0,310	0,002	0,010	0,075	FALSE
-0,085	0,302	-0,003	0,011	0,106	FALSE
0,028	0,309	0,001	0,006	0,030	FALSE
-0,035	0,300	0,000	0,009	0,010	FALSE
-0,047	0,306	-0,002	0,012	0,071	FALSE
0,015	0,313	0,000	0,009	0,012	FALSE
-0,025	0,314	-0,002	0,011	0,053	FALSE
-0,090	0,303	-0,003	0,013	0,091	FALSE
-0,017	0,327	0,000	0,011	0,008	FALSE
0,018	0,304	0,001	0,010	0,043	FALSE
0,009	0,309	0,000	0,011	0,014	FALSE
-0,037	0,307	-0,001	0,011	0,048	FALSE
0,038	0,318	0,002	0,010	0,064	FALSE
-0,016	0,311	0,000	0,007	0,025	FALSE
-0,060	0,321	-0,002	0,009	0,066	FALSE
0,055	0,300	0,001	0,012	0,045	FALSE
-0,027	0,319	-0,001	0,011	0,026	FALSE
0,004	0,311	0,000	0,011	0,015	FALSE
-0,118	0,317	-0,002	0,006	0,153	FALSE
-0,163	0,309	-0,005	0,009	0,220	FALSE
-0,079	0,298	-0,003	0,012	0,095	FALSE
0,053	0,309	0,001	0,008	0,061	FALSE
-0,041	0,313	-0,002	0,013	0,065	FALSE
-0,034	0,310	0,000	0,010	0,016	FALSE
0,074	0,302	0,003	0,012	0,082	FALSE
-0,080	0,308	-0,003	0,012	0,106	FALSE

-0,002	0,317	-0,001	0,009	0,035	FALSE
0,061	0,298	0,002	0,011	0,065	FALSE
0,018	0,309	0,000	0,011	0,002	FALSE
0,028	0,314	0,001	0,012	0,015	FALSE
0,041	0,307	0,001	0,011	0,020	FALSE
0,044	0,312	0,001	0,011	0,030	FALSE
0,021	0,307	0,000	0,007	0,009	FALSE
-0,003	0,310	0,001	0,010	0,021	FALSE
0,128	0,312	0,003	0,009	0,153	FALSE
0,028	0,303	0,001	0,012	0,018	FALSE
-0,075	0,312	-0,003	0,012	0,091	FALSE
0,010	0,318	0,001	0,010	0,025	FALSE
0,099	0,307	0,003	0,008	0,135	FALSE
0,024	0,301	0,001	0,010	0,048	FALSE
-0,052	0,303	-0,001	0,007	0,056	FALSE
-0,050	0,300	-0,003	0,012	0,087	FALSE
0,058	0,298	0,002	0,010	0,088	FALSE
0,021	0,313	0,001	0,008	0,040	FALSE
-0,120	0,295	-0,005	0,012	0,164	FALSE
-0,077	0,296	-0,003	0,013	0,086	FALSE
-0,062	0,312	-0,002	0,010	0,066	FALSE
0,017	0,298	0,001	0,012	0,038	FALSE
-0,114	0,319	-0,003	0,007	0,149	FALSE
-0,084	0,309	-0,003	0,010	0,123	FALSE
0,024	0,300	0,000	0,010	0,012	FALSE
-0,071	0,314	-0,002	0,007	0,096	FALSE
0,083	0,313	0,004	0,013	0,121	FALSE
0,012	0,308	0,000	0,008	0,020	FALSE
-0,028	0,332	-0,001	0,010	0,033	FALSE
0,055	0,304	0,002	0,011	0,058	FALSE
-0,020	0,324	-0,001	0,009	0,037	FALSE
0,053	0,320	0,002	0,010	0,063	FALSE
0,033	0,303	0,001	0,009	0,041	FALSE
-0,069	0,308	-0,003	0,012	0,098	FALSE
0,073	0,310	0,003	0,009	0,133	FALSE
0,058	0,310	0,003	0,009	0,114	FALSE
-0,112	0,324	-0,003	0,008	0,153	FALSE
-0,107	0,317	-0,004	0,012	0,142	FALSE
-0,049	0,305	-0,004	0,013	0,119	FALSE
-0,069	0,307	-0,002	0,011	0,066	FALSE
-0,024	0,309	-0,002	0,012	0,059	FALSE
-0,024	0,311	-0,002	0,012	0,071	FALSE
0,061	0,308	0,002	0,010	0,093	FALSE
0,038	0,312	0,001	0,011	0,021	FALSE
0,040	0,309	0,001	0,012	0,041	FALSE
0,041	0,315	0,001	0,012	0,040	FALSE
-0,048	0,297	-0,002	0,008	0,088	FALSE
0,125	0,307	0,002	0,006	0,163	FALSE
-0,006	0,302	-0,001	0,010	0,024	FALSE
0,038	0,306	0,001	0,007	0,069	FALSE
-0,002	0,304	0,000	0,010	0,002	FALSE
0,035	0,312	0,002	0,009	0,076	FALSE
-0,163	0,305	-0,006	0,010	0,251	FALSE

-0,055	0,300	-0,001	0,008	0,057	FALSE
-0,005	0,306	0,000	0,011	0,016	FALSE
-0,045	0,301	-0,002	0,011	0,070	FALSE
-0,133	0,305	-0,004	0,009	0,200	FALSE
0,017	0,310	0,001	0,013	0,033	FALSE
-0,007	0,306	0,000	0,006	0,013	FALSE
-0,006	0,308	0,000	0,007	0,000	FALSE
-0,007	0,307	0,000	0,013	0,010	FALSE
-0,070	0,323	-0,002	0,009	0,074	FALSE
0,027	0,301	0,001	0,009	0,034	FALSE
0,017	0,314	0,000	0,012	0,010	FALSE
-0,015	0,312	-0,001	0,007	0,044	FALSE
-0,002	0,312	0,000	0,007	0,019	FALSE
-0,029	0,307	-0,002	0,013	0,049	FALSE
0,038	0,321	0,001	0,010	0,031	FALSE
-0,019	0,322	0,000	0,008	0,016	FALSE
0,053	0,303	0,001	0,008	0,066	FALSE
-0,008	0,303	0,000	0,010	0,013	FALSE
0,034	0,309	0,002	0,010	0,070	FALSE
-0,070	0,317	-0,001	0,008	0,074	FALSE
0,065	0,304	0,002	0,010	0,071	FALSE
0,119	0,301	0,003	0,008	0,147	FALSE
-0,072	0,312	-0,003	0,010	0,096	FALSE
-0,060	0,312	-0,002	0,010	0,077	FALSE
-0,115	0,306	-0,005	0,012	0,168	FALSE
0,016	0,317	0,000	0,007	0,021	FALSE
-0,100	0,306	-0,002	0,009	0,097	FALSE
-0,093	0,287	-0,002	0,008	0,108	FALSE
-0,101	0,312	-0,003	0,011	0,109	FALSE
-0,005	0,311	-0,001	0,013	0,024	FALSE
-0,002	0,320	-0,001	0,014	0,026	FALSE
-0,119	0,305	-0,003	0,007	0,181	FALSE
-0,027	0,296	-0,001	0,007	0,054	FALSE
-0,050	0,301	-0,001	0,006	0,073	FALSE
0,225	0,302	0,008	0,011	0,335	FALSE
-0,166	0,307	-0,005	0,010	0,194	FALSE
-0,123	0,295	-0,005	0,012	0,164	FALSE
0,037	0,298	0,001	0,012	0,023	FALSE
0,083	0,312	0,003	0,010	0,127	FALSE
-0,066	0,311	-0,003	0,009	0,111	FALSE
-0,078	0,327	-0,003	0,013	0,094	FALSE
0,009	0,317	0,000	0,009	0,009	FALSE
-0,044	0,317	-0,001	0,013	0,028	FALSE
0,041	0,311	0,001	0,009	0,033	FALSE
0,141	0,300	0,006	0,013	0,200	FALSE
-0,118	0,309	-0,002	0,006	0,160	FALSE
-0,022	0,304	-0,001	0,011	0,051	FALSE
0,008	0,301	-0,001	0,013	0,020	FALSE
0,002	0,314	0,000	0,013	0,001	FALSE
0,046	0,305	0,002	0,013	0,071	FALSE
0,040	0,298	0,001	0,012	0,037	FALSE
-0,003	0,304	0,000	0,009	0,010	FALSE
-0,048	0,323	-0,001	0,010	0,039	FALSE

-0,103	0,315	-0,003	0,008	0,133	FALSE
-0,043	0,288	0,000	0,006	0,023	FALSE
-0,140	0,304	-0,005	0,011	0,171	FALSE
-0,077	0,305	-0,003	0,009	0,108	FALSE
-0,098	0,304	-0,003	0,009	0,126	FALSE
-0,026	0,323	-0,002	0,012	0,050	FALSE
-0,007	0,308	-0,001	0,011	0,030	FALSE
-0,116	0,303	-0,005	0,012	0,176	FALSE
-0,024	0,325	-0,001	0,012	0,032	FALSE
0,030	0,324	0,001	0,009	0,048	FALSE
0,111	0,307	0,003	0,009	0,146	FALSE
-0,147	0,289	-0,006	0,009	0,288	FALSE
0,011	0,310	0,001	0,010	0,019	FALSE
-0,001	0,304	0,000	0,008	0,015	FALSE
0,073	0,311	0,004	0,013	0,118	FALSE
0,015	0,308	0,000	0,011	0,015	FALSE
0,031	0,312	0,001	0,011	0,032	FALSE
0,025	0,322	0,001	0,011	0,029	FALSE
-0,023	0,300	0,000	0,009	0,007	FALSE
-0,054	0,319	-0,002	0,013	0,069	FALSE
-0,064	0,306	-0,003	0,013	0,078	FALSE
-0,081	0,317	-0,003	0,013	0,098	FALSE
0,065	0,310	0,003	0,013	0,100	FALSE
0,004	0,301	0,000	0,009	0,015	FALSE
-0,128	0,295	-0,005	0,012	0,164	FALSE
-0,172	0,299	-0,006	0,011	0,257	FALSE
0,103	0,305	0,003	0,009	0,124	FALSE
-0,039	0,309	-0,001	0,007	0,047	FALSE
0,024	0,303	0,001	0,008	0,044	FALSE
-0,002	0,309	0,000	0,007	0,002	FALSE
0,060	0,313	0,002	0,011	0,072	FALSE
-0,023	0,311	-0,001	0,007	0,030	FALSE
-0,053	0,313	-0,001	0,008	0,055	FALSE
-0,051	0,315	-0,001	0,008	0,050	FALSE
-0,057	0,301	-0,001	0,008	0,048	FALSE
0,050	0,301	0,002	0,009	0,084	FALSE
-0,021	0,311	0,000	0,008	0,005	FALSE
-0,085	0,310	-0,002	0,007	0,118	FALSE
-0,050	0,305	-0,001	0,007	0,040	FALSE
0,083	0,308	0,003	0,013	0,076	FALSE
-0,040	0,304	-0,001	0,007	0,041	FALSE
0,052	0,320	0,002	0,012	0,077	FALSE
0,018	0,308	0,001	0,010	0,030	FALSE
-0,097	0,317	-0,002	0,007	0,134	FALSE
0,147	0,317	0,004	0,010	0,179	FALSE
0,099	0,302	0,004	0,011	0,137	FALSE
0,085	0,298	0,003	0,010	0,130	FALSE
0,085	0,306	0,003	0,010	0,130	FALSE
0,039	0,310	0,001	0,007	0,035	FALSE
0,052	0,300	0,002	0,008	0,073	FALSE
-0,046	0,302	-0,001	0,007	0,031	FALSE
-0,082	0,311	-0,003	0,012	0,106	FALSE
0,020	0,314	0,001	0,008	0,030	FALSE

-0,061	0,301	-0,002	0,007	0,104	FALSE
-0,043	0,328	-0,001	0,008	0,069	FALSE
0,095	0,295	0,003	0,011	0,099	FALSE
0,129	0,292	0,004	0,011	0,152	FALSE
0,115	0,293	0,004	0,011	0,138	FALSE
-0,038	0,300	-0,001	0,011	0,045	FALSE
-0,015	0,304	0,000	0,012	0,005	FALSE
0,042	0,321	0,001	0,013	0,026	FALSE
0,049	0,292	0,002	0,012	0,048	FALSE
-0,003	0,309	0,000	0,008	0,007	FALSE
-0,067	0,296	-0,003	0,009	0,107	FALSE
0,040	0,298	0,000	0,007	0,017	FALSE
0,024	0,309	0,001	0,012	0,031	FALSE
-0,018	0,309	0,000	0,007	0,017	FALSE
-0,001	0,326	0,000	0,008	0,009	FALSE
-0,080	0,318	-0,002	0,007	0,114	FALSE
0,082	0,310	0,002	0,007	0,130	FALSE
-0,105	0,304	-0,002	0,007	0,100	FALSE
-0,013	0,298	0,001	0,012	0,030	FALSE
0,144	0,297	0,004	0,010	0,175	FALSE
0,096	0,300	0,003	0,012	0,110	FALSE
-0,051	0,313	-0,002	0,013	0,067	FALSE
-0,113	0,324	-0,003	0,010	0,132	FALSE
-0,013	0,312	0,000	0,007	0,015	FALSE
-0,091	0,305	-0,003	0,010	0,121	FALSE
-0,117	0,292	-0,003	0,008	0,138	FALSE
0,013	0,318	0,001	0,006	0,035	FALSE
0,105	0,308	0,004	0,010	0,169	FALSE
0,118	0,303	0,004	0,007	0,196	FALSE
0,065	0,310	0,002	0,010	0,090	FALSE
0,110	0,300	0,004	0,010	0,163	FALSE
-0,041	0,316	-0,001	0,007	0,034	FALSE
0,077	0,307	0,003	0,010	0,111	FALSE
0,054	0,306	0,002	0,011	0,079	FALSE
-0,095	0,310	-0,004	0,009	0,153	FALSE
0,068	0,308	0,001	0,008	0,062	FALSE
-0,050	0,309	-0,002	0,009	0,079	FALSE
0,000	0,310	0,000	0,010	0,003	FALSE
-0,010	0,302	0,000	0,012	0,004	FALSE
-0,013	0,308	0,000	0,012	0,004	FALSE
0,002	0,298	0,001	0,011	0,017	FALSE
0,069	0,311	0,002	0,011	0,060	FALSE
-0,050	0,310	-0,003	0,013	0,073	FALSE
-0,116	0,317	-0,005	0,012	0,147	FALSE
-0,082	0,315	-0,003	0,009	0,117	FALSE
-0,132	0,300	-0,004	0,008	0,194	FALSE
-0,127	0,303	-0,004	0,007	0,207	FALSE
-0,138	0,308	-0,004	0,008	0,210	FALSE
0,188	0,290	0,005	0,008	0,268	FALSE
0,117	0,299	0,002	0,007	0,132	FALSE
-0,006	0,310	0,001	0,010	0,020	FALSE
0,030	0,313	0,002	0,011	0,065	FALSE
0,039	0,293	0,002	0,010	0,085	FALSE

0,032	0,310	0,002	0,010	0,081	FALSE
0,092	0,299	0,003	0,008	0,146	FALSE
0,077	0,303	0,002	0,008	0,126	FALSE
0,081	0,299	0,003	0,008	0,132	FALSE
-0,027	0,305	-0,001	0,007	0,028	FALSE
-0,056	0,307	-0,002	0,009	0,083	FALSE
0,189	0,287	0,007	0,009	0,389	FALSE
0,199	0,293	0,008	0,010	0,371	FALSE
0,064	0,294	0,002	0,007	0,125	FALSE
-0,015	0,304	0,000	0,009	0,009	FALSE
-0,039	0,302	-0,001	0,008	0,036	FALSE
0,011	0,305	0,000	0,007	0,009	FALSE
-0,137	0,316	-0,006	0,013	0,203	FALSE
-0,026	0,316	0,000	0,013	0,014	FALSE
0,017	0,301	0,000	0,012	0,001	FALSE
-0,036	0,319	-0,002	0,012	0,071	FALSE
0,051	0,308	0,002	0,012	0,080	FALSE
0,055	0,302	0,002	0,012	0,074	FALSE
0,062	0,292	0,001	0,009	0,055	FALSE
0,197	0,294	0,008	0,013	0,255	FALSE
-0,091	0,292	-0,002	0,008	0,101	FALSE
0,110	0,302	0,003	0,010	0,127	FALSE
0,048	0,316	0,001	0,010	0,044	FALSE
0,030	0,308	0,000	0,010	0,003	FALSE
-0,131	0,300	-0,003	0,008	0,167	FALSE
-0,057	0,317	-0,002	0,011	0,052	FALSE
0,076	0,304	0,003	0,010	0,096	FALSE
0,100	0,314	0,002	0,006	0,145	FALSE
0,011	0,300	0,000	0,010	0,004	FALSE
0,033	0,308	0,001	0,009	0,027	FALSE
0,022	0,301	0,001	0,011	0,026	FALSE
0,001	0,309	0,000	0,013	0,003	FALSE
-0,024	0,303	0,000	0,006	0,022	FALSE
0,100	0,300	0,003	0,013	0,090	FALSE
-0,066	0,298	-0,001	0,008	0,061	FALSE
-0,019	0,304	-0,001	0,010	0,020	FALSE
-0,137	0,308	-0,003	0,006	0,181	FALSE
-0,021	0,312	-0,001	0,008	0,044	FALSE
0,158	0,289	0,006	0,011	0,208	FALSE
-0,030	0,315	-0,001	0,010	0,044	FALSE
0,120	0,307	0,005	0,013	0,180	FALSE
0,030	0,293	0,002	0,011	0,051	FALSE
-0,011	0,309	-0,001	0,013	0,019	FALSE
-0,005	0,321	0,000	0,007	0,007	FALSE
-0,017	0,311	0,000	0,011	0,002	FALSE
0,060	0,311	0,001	0,007	0,053	FALSE
-0,025	0,319	-0,001	0,008	0,042	FALSE
0,081	0,301	0,003	0,009	0,121	FALSE
-0,068	0,300	-0,003	0,012	0,078	FALSE
0,049	0,308	0,001	0,014	0,036	FALSE
-0,063	0,315	-0,002	0,013	0,057	FALSE
0,043	0,312	0,001	0,013	0,040	FALSE
0,061	0,323	0,002	0,012	0,069	FALSE

-0,080	0,323	-0,003	0,012	0,089	FALSE
0,118	0,315	0,004	0,010	0,149	FALSE
0,027	0,306	0,001	0,010	0,048	FALSE
-0,037	0,298	-0,002	0,012	0,069	FALSE
0,116	0,309	0,003	0,008	0,165	FALSE
0,200	0,303	0,004	0,007	0,275	FALSE
-0,221	0,292	-0,007	0,011	0,293	FALSE
0,096	0,315	0,005	0,011	0,164	FALSE
-0,029	0,308	-0,001	0,011	0,030	FALSE
-0,060	0,309	-0,003	0,012	0,087	FALSE
-0,050	0,316	-0,001	0,011	0,048	FALSE
0,139	0,299	0,005	0,011	0,186	FALSE
-0,108	0,330	-0,004	0,010	0,153	FALSE
-0,044	0,313	-0,001	0,010	0,053	FALSE
-0,089	0,318	-0,003	0,009	0,115	FALSE
-0,040	0,306	-0,002	0,011	0,060	FALSE
0,065	0,310	0,002	0,008	0,091	FALSE
0,030	0,312	0,002	0,013	0,054	FALSE
-0,034	0,306	-0,002	0,012	0,057	FALSE
0,033	0,300	0,002	0,010	0,068	FALSE
0,030	0,316	0,002	0,011	0,055	FALSE
0,039	0,297	0,002	0,010	0,074	FALSE
0,048	0,313	0,002	0,010	0,087	FALSE
0,054	0,309	0,002	0,010	0,086	FALSE
0,081	0,310	0,003	0,010	0,133	FALSE
0,028	0,315	0,002	0,010	0,066	FALSE
0,075	0,305	0,003	0,010	0,120	FALSE
0,036	0,318	0,002	0,011	0,054	FALSE
-0,082	0,297	-0,002	0,008	0,091	FALSE
-0,115	0,302	-0,002	0,008	0,123	FALSE
-0,088	0,300	-0,004	0,012	0,113	FALSE
-0,017	0,297	-0,002	0,010	0,063	FALSE
0,034	0,302	0,002	0,009	0,081	FALSE
0,085	0,299	0,003	0,013	0,081	FALSE
0,071	0,307	0,002	0,013	0,059	FALSE
0,045	0,318	0,001	0,013	0,025	FALSE
0,069	0,290	0,002	0,012	0,073	FALSE
0,062	0,309	0,002	0,013	0,043	FALSE
0,111	0,318	0,004	0,010	0,172	FALSE
0,091	0,305	0,003	0,009	0,138	FALSE
0,082	0,315	0,002	0,008	0,102	FALSE
0,102	0,302	0,004	0,010	0,160	FALSE
0,110	0,304	0,004	0,010	0,169	FALSE
0,250	0,300	0,010	0,013	0,352	FALSE
-0,019	0,298	-0,001	0,008	0,025	FALSE
0,153	0,276	0,006	0,012	0,218	FALSE
0,010	0,311	-0,001	0,012	0,025	FALSE
0,040	0,330	0,001	0,012	0,023	FALSE
0,000	0,318	-0,001	0,012	0,017	FALSE
0,116	0,291	0,006	0,012	0,210	FALSE
0,034	0,304	0,001	0,010	0,032	FALSE
-0,047	0,317	-0,002	0,011	0,064	FALSE
-0,055	0,306	-0,003	0,012	0,113	FALSE

-0,005	0,310	0,000	0,007	0,000	FALSE
0,008	0,332	0,000	0,007	0,011	FALSE
-0,027	0,308	0,000	0,008	0,016	FALSE
0,023	0,301	0,000	0,007	0,020	FALSE
0,108	0,301	0,003	0,011	0,126	FALSE
-0,111	0,292	-0,005	0,012	0,156	FALSE
0,085	0,303	0,003	0,011	0,099	FALSE
-0,102	0,308	-0,003	0,007	0,141	FALSE
-0,100	0,315	-0,002	0,008	0,117	FALSE
0,111	0,315	0,005	0,012	0,150	FALSE
-0,006	0,302	0,000	0,010	0,003	FALSE
0,067	0,306	0,002	0,009	0,102	FALSE
0,024	0,320	0,001	0,012	0,034	FALSE
0,054	0,311	0,003	0,012	0,086	FALSE
0,086	0,312	0,003	0,012	0,105	FALSE
-0,023	0,314	-0,001	0,013	0,025	FALSE
0,040	0,288	0,001	0,012	0,026	FALSE
0,009	0,306	0,000	0,012	0,000	FALSE
0,027	0,303	0,001	0,007	0,042	FALSE
0,056	0,306	0,002	0,013	0,051	FALSE
-0,034	0,307	-0,001	0,012	0,029	FALSE
0,039	0,316	0,001	0,009	0,047	FALSE
0,199	0,298	0,008	0,011	0,331	FALSE
0,188	0,304	0,007	0,011	0,299	FALSE
0,179	0,300	0,008	0,013	0,275	FALSE
0,036	0,305	0,001	0,010	0,031	FALSE
0,070	0,316	0,002	0,008	0,094	FALSE
0,057	0,309	0,002	0,012	0,063	FALSE
0,020	0,305	0,001	0,012	0,018	FALSE
0,026	0,297	0,002	0,013	0,056	FALSE
-0,084	0,301	-0,003	0,009	0,138	FALSE
0,040	0,291	0,001	0,013	0,034	FALSE
0,111	0,296	0,004	0,011	0,137	FALSE
0,111	0,306	0,003	0,008	0,146	FALSE
0,073	0,300	0,001	0,007	0,082	FALSE
0,101	0,291	0,003	0,008	0,151	FALSE
-0,029	0,304	-0,002	0,012	0,067	FALSE
0,054	0,301	0,002	0,010	0,073	FALSE
0,049	0,314	0,002	0,011	0,063	FALSE
0,002	0,312	0,000	0,013	0,009	FALSE
0,014	0,308	0,000	0,013	0,005	FALSE
-0,061	0,306	-0,002	0,009	0,062	FALSE
0,047	0,302	0,001	0,011	0,042	FALSE
0,100	0,311	0,005	0,013	0,142	FALSE
0,074	0,306	0,004	0,012	0,121	FALSE
-0,035	0,318	-0,001	0,011	0,041	FALSE
-0,010	0,304	0,000	0,008	0,009	FALSE
0,046	0,306	0,001	0,009	0,019	FALSE
0,057	0,306	0,001	0,009	0,038	FALSE
0,122	0,300	0,003	0,009	0,136	FALSE
0,088	0,314	0,003	0,009	0,126	FALSE
0,054	0,305	0,002	0,012	0,047	FALSE
-0,050	0,301	-0,001	0,010	0,042	FALSE

0,171	0,295	0,006	0,011	0,256	FALSE
-0,134	0,309	-0,005	0,012	0,170	FALSE
-0,063	0,326	-0,002	0,007	0,093	FALSE
-0,090	0,303	-0,004	0,009	0,168	FALSE
0,212	0,299	0,007	0,009	0,339	FALSE
0,182	0,314	0,007	0,012	0,255	FALSE
-0,071	0,312	-0,003	0,011	0,087	FALSE
0,099	0,305	0,002	0,007	0,128	FALSE
0,082	0,307	0,002	0,008	0,084	FALSE
0,001	0,292	0,000	0,011	0,004	FALSE
0,007	0,316	0,000	0,007	0,015	FALSE
-0,100	0,311	-0,003	0,009	0,104	FALSE
0,040	0,315	0,001	0,009	0,033	FALSE
-0,053	0,318	-0,001	0,008	0,072	FALSE
0,066	0,302	0,001	0,007	0,084	FALSE
0,208	0,279	0,004	0,006	0,285	FALSE
0,044	0,300	0,002	0,011	0,052	FALSE
0,225	0,290	0,004	0,006	0,326	FALSE
-0,003	0,307	0,000	0,007	0,008	FALSE
-0,151	0,285	-0,003	0,006	0,204	FALSE
-0,107	0,298	-0,002	0,007	0,125	FALSE
-0,137	0,298	-0,007	0,013	0,222	FALSE
-0,148	0,297	-0,007	0,013	0,221	FALSE
-0,015	0,309	-0,001	0,013	0,035	FALSE
0,037	0,306	0,001	0,012	0,043	FALSE
-0,089	0,314	-0,003	0,009	0,113	FALSE
-0,067	0,304	-0,002	0,009	0,093	FALSE
0,015	0,314	0,000	0,007	0,014	FALSE
0,124	0,322	0,004	0,009	0,164	FALSE
0,073	0,318	0,001	0,007	0,077	FALSE
0,181	0,302	0,007	0,011	0,260	FALSE
0,166	0,310	0,006	0,011	0,237	FALSE
-0,070	0,307	-0,003	0,011	0,120	FALSE
0,261	0,303	0,007	0,009	0,367	FALSE
-0,186	0,308	-0,008	0,013	0,280	FALSE
-0,095	0,303	-0,005	0,012	0,148	FALSE
0,023	0,314	0,001	0,007	0,026	FALSE
0,017	0,309	0,000	0,007	0,018	FALSE
0,016	0,304	0,001	0,012	0,034	FALSE
-0,033	0,313	-0,001	0,013	0,024	FALSE
0,140	0,300	0,005	0,011	0,178	FALSE
0,108	0,286	0,003	0,011	0,103	FALSE
0,032	0,311	0,001	0,007	0,054	FALSE
0,041	0,295	0,001	0,007	0,060	FALSE
0,153	0,302	0,004	0,008	0,220	FALSE
0,186	0,297	0,006	0,010	0,267	FALSE
0,162	0,291	0,005	0,010	0,218	FALSE
0,008	0,310	0,000	0,009	0,002	FALSE
0,110	0,299	0,003	0,011	0,122	FALSE
-0,178	0,304	-0,007	0,010	0,285	FALSE
0,171	0,305	0,005	0,008	0,249	FALSE
0,137	0,308	0,005	0,013	0,165	FALSE
-0,150	0,301	-0,006	0,013	0,200	FALSE

0,024	0,321	0,001	0,013	0,014	FALSE
0,036	0,301	0,001	0,009	0,047	FALSE
0,042	0,282	0,001	0,009	0,056	FALSE
-0,066	0,308	-0,001	0,007	0,063	FALSE
0,021	0,312	0,001	0,011	0,026	FALSE
0,031	0,308	0,001	0,007	0,044	FALSE
-0,096	0,310	-0,002	0,008	0,123	FALSE
0,104	0,324	0,003	0,008	0,139	FALSE
0,112	0,306	0,003	0,009	0,160	FALSE
-0,034	0,290	-0,002	0,011	0,083	FALSE
-0,015	0,290	-0,001	0,013	0,015	FALSE
-0,011	0,289	0,000	0,011	0,009	FALSE
-0,122	0,293	-0,003	0,009	0,143	FALSE
-0,025	0,304	-0,001	0,012	0,040	FALSE
0,052	0,294	0,002	0,012	0,051	FALSE
0,109	0,307	0,003	0,009	0,117	FALSE
-0,019	0,308	0,000	0,007	0,000	FALSE
0,127	0,305	0,005	0,013	0,156	FALSE
0,102	0,308	0,004	0,012	0,129	FALSE
-0,066	0,316	-0,002	0,010	0,080	FALSE
-0,084	0,311	-0,002	0,007	0,113	FALSE
0,047	0,308	0,001	0,006	0,077	FALSE
-0,052	0,306	-0,003	0,013	0,095	FALSE
0,011	0,313	0,000	0,009	0,011	FALSE
0,108	0,296	0,005	0,013	0,174	FALSE
0,007	0,311	0,001	0,009	0,030	FALSE
0,005	0,305	0,001	0,010	0,024	FALSE
-0,072	0,309	-0,002	0,010	0,087	FALSE
-0,104	0,311	-0,003	0,009	0,112	FALSE
0,082	0,301	0,004	0,013	0,110	FALSE
-0,081	0,301	-0,004	0,012	0,121	FALSE
-0,118	0,322	-0,005	0,013	0,158	FALSE
0,048	0,301	0,001	0,009	0,050	FALSE
0,063	0,298	0,003	0,012	0,082	FALSE
-0,110	0,309	-0,004	0,012	0,147	FALSE
-0,050	0,304	-0,002	0,012	0,046	FALSE
-0,139	0,291	-0,004	0,008	0,208	FALSE
0,031	0,312	0,001	0,012	0,044	FALSE
0,014	0,325	0,000	0,012	0,009	FALSE
0,072	0,297	0,002	0,008	0,078	FALSE
0,036	0,311	0,001	0,007	0,055	FALSE
0,012	0,312	0,000	0,008	0,013	FALSE
0,007	0,315	0,000	0,008	0,005	FALSE
0,012	0,304	0,000	0,007	0,019	FALSE
0,102	0,303	0,002	0,008	0,116	FALSE
0,021	0,320	0,000	0,010	0,016	FALSE
0,041	0,314	0,001	0,009	0,036	FALSE
-0,067	0,316	-0,001	0,007	0,068	FALSE
-0,124	0,308	-0,003	0,007	0,166	FALSE
-0,120	0,306	-0,003	0,008	0,167	FALSE
-0,005	0,302	0,000	0,008	0,022	FALSE
0,106	0,287	0,003	0,008	0,150	FALSE
-0,098	0,304	-0,003	0,012	0,101	FALSE

-0,065	0,299	-0,002	0,007	0,083	FALSE
-0,036	0,302	-0,001	0,007	0,047	FALSE
0,151	0,312	0,005	0,009	0,211	FALSE
0,097	0,303	0,002	0,008	0,111	FALSE
-0,039	0,312	-0,001	0,009	0,023	FALSE
0,033	0,289	0,000	0,011	0,010	FALSE
-0,157	0,308	-0,007	0,013	0,229	FALSE
0,008	0,308	0,000	0,008	0,019	FALSE
0,029	0,313	0,001	0,007	0,031	FALSE
0,081	0,316	0,002	0,008	0,105	FALSE
-0,012	0,307	-0,001	0,007	0,029	FALSE
0,037	0,313	0,001	0,011	0,035	FALSE
0,025	0,305	0,001	0,011	0,039	FALSE
-0,064	0,309	-0,003	0,013	0,087	FALSE
-0,005	0,311	-0,001	0,013	0,017	FALSE
0,002	0,309	-0,001	0,012	0,015	FALSE
0,016	0,308	0,001	0,013	0,038	FALSE
-0,130	0,314	-0,005	0,013	0,155	FALSE
0,079	0,302	0,002	0,010	0,064	FALSE
-0,060	0,301	-0,002	0,012	0,058	FALSE
0,018	0,303	0,001	0,007	0,035	FALSE
0,047	0,313	0,001	0,011	0,041	FALSE
0,100	0,311	0,003	0,011	0,097	FALSE
0,011	0,301	0,000	0,006	0,015	FALSE
-0,021	0,309	-0,002	0,013	0,044	FALSE
-0,018	0,313	-0,001	0,010	0,048	FALSE
-0,004	0,310	-0,001	0,010	0,019	FALSE
0,055	0,310	0,002	0,012	0,054	FALSE
-0,031	0,310	-0,001	0,007	0,034	FALSE
0,030	0,325	0,001	0,008	0,032	FALSE
-0,044	0,297	-0,001	0,006	0,033	FALSE
0,034	0,315	0,002	0,011	0,049	FALSE
-0,019	0,309	-0,001	0,007	0,031	FALSE
-0,058	0,314	-0,002	0,008	0,095	FALSE
0,030	0,301	0,002	0,012	0,047	FALSE
0,089	0,293	0,004	0,012	0,120	FALSE
0,076	0,300	0,002	0,006	0,128	FALSE
-0,176	0,308	-0,005	0,009	0,262	FALSE
0,122	0,291	0,004	0,012	0,155	FALSE
-0,073	0,299	-0,002	0,008	0,093	FALSE
-0,055	0,303	-0,001	0,008	0,071	FALSE
-0,058	0,303	-0,002	0,008	0,086	FALSE
0,032	0,297	0,001	0,008	0,049	FALSE
-0,059	0,294	-0,003	0,011	0,088	FALSE
-0,058	0,316	-0,003	0,012	0,077	FALSE
-0,029	0,328	-0,001	0,012	0,039	FALSE
-0,062	0,309	-0,003	0,012	0,078	FALSE
0,034	0,301	0,001	0,009	0,056	FALSE
0,046	0,295	0,002	0,008	0,076	FALSE
0,084	0,297	0,002	0,007	0,107	FALSE
-0,002	0,304	0,000	0,009	0,003	FALSE
0,094	0,311	0,003	0,008	0,125	FALSE
-0,059	0,294	-0,001	0,008	0,056	FALSE

0,086	0,304	0,002	0,008	0,112	FALSE
0,086	0,307	0,002	0,008	0,118	FALSE
0,090	0,320	0,002	0,007	0,105	FALSE
0,083	0,310	0,002	0,008	0,082	FALSE
-0,020	0,316	-0,001	0,008	0,026	FALSE
-0,026	0,298	0,000	0,009	0,016	FALSE
-0,138	0,301	-0,004	0,009	0,163	FALSE
0,073	0,314	0,002	0,008	0,071	FALSE
-0,052	0,313	-0,002	0,010	0,066	FALSE
-0,056	0,311	-0,002	0,010	0,077	FALSE
0,044	0,310	0,001	0,008	0,067	FALSE
-0,004	0,306	-0,001	0,009	0,038	FALSE
0,001	0,294	-0,001	0,009	0,037	FALSE
0,008	0,311	-0,001	0,010	0,036	FALSE
-0,125	0,318	-0,003	0,007	0,163	FALSE
0,134	0,307	0,003	0,008	0,175	FALSE
0,121	0,300	0,005	0,011	0,179	FALSE
0,061	0,308	0,002	0,013	0,055	FALSE
0,078	0,291	0,003	0,012	0,083	FALSE
0,022	0,297	0,000	0,007	0,025	FALSE
-0,061	0,294	-0,001	0,008	0,047	FALSE
-0,096	0,319	-0,003	0,009	0,106	FALSE
-0,004	0,310	0,000	0,008	0,020	FALSE
-0,013	0,299	0,000	0,007	0,008	FALSE
-0,047	0,294	-0,003	0,012	0,098	FALSE
0,042	0,295	0,001	0,008	0,063	FALSE
-0,028	0,315	-0,001	0,010	0,052	FALSE
0,023	0,311	0,002	0,012	0,048	FALSE
0,031	0,311	0,002	0,012	0,048	FALSE
0,014	0,311	0,001	0,012	0,032	FALSE
0,019	0,294	0,001	0,011	0,046	FALSE
-0,150	0,299	-0,004	0,008	0,211	FALSE
0,044	0,308	0,001	0,009	0,047	FALSE
0,055	0,306	0,002	0,010	0,081	FALSE
-0,077	0,315	-0,003	0,012	0,096	FALSE
-0,080	0,312	-0,002	0,008	0,084	FALSE
0,040	0,322	0,002	0,011	0,051	FALSE
-0,130	0,305	-0,004	0,010	0,158	FALSE
-0,111	0,312	-0,003	0,010	0,137	FALSE
-0,073	0,306	-0,002	0,010	0,075	FALSE
-0,089	0,294	-0,002	0,009	0,099	FALSE
-0,021	0,314	-0,001	0,013	0,039	FALSE
-0,070	0,301	-0,003	0,011	0,095	FALSE
0,073	0,293	0,002	0,008	0,088	FALSE
0,073	0,307	0,003	0,013	0,094	FALSE
0,062	0,307	0,002	0,013	0,068	FALSE
-0,035	0,306	-0,001	0,013	0,029	FALSE
0,031	0,312	0,001	0,011	0,029	FALSE
0,100	0,305	0,002	0,009	0,107	FALSE
0,001	0,304	0,000	0,011	0,010	FALSE
0,019	0,302	0,000	0,010	0,015	FALSE
-0,061	0,300	-0,003	0,011	0,103	FALSE
0,024	0,310	0,001	0,006	0,053	FALSE

0,053	0,285	0,001	0,006	0,080	FALSE
0,018	0,297	0,000	0,006	0,022	FALSE
0,051	0,321	0,002	0,012	0,060	FALSE
0,020	0,314	0,001	0,012	0,020	FALSE
0,017	0,311	0,000	0,012	0,013	FALSE
-0,108	0,307	-0,002	0,006	0,136	FALSE
0,102	0,304	0,003	0,008	0,167	FALSE
0,024	0,320	0,001	0,011	0,044	FALSE
0,061	0,309	0,001	0,013	0,033	FALSE
0,070	0,315	0,002	0,013	0,043	FALSE
0,041	0,315	0,001	0,013	0,016	FALSE
0,039	0,300	0,001	0,011	0,041	FALSE
-0,083	0,312	-0,003	0,012	0,115	FALSE
0,075	0,309	0,003	0,011	0,090	FALSE
0,089	0,325	0,003	0,011	0,090	FALSE
-0,031	0,314	-0,001	0,013	0,034	FALSE
-0,004	0,295	0,000	0,008	0,012	FALSE
0,009	0,297	0,001	0,008	0,025	FALSE
0,000	0,306	0,000	0,007	0,009	FALSE
0,044	0,326	0,002	0,010	0,053	FALSE
-0,057	0,305	-0,003	0,012	0,088	FALSE
0,024	0,300	0,000	0,013	0,006	FALSE
-0,041	0,305	-0,001	0,012	0,043	FALSE
0,060	0,316	0,002	0,006	0,101	FALSE
-0,021	0,320	0,000	0,009	0,002	FALSE
-0,016	0,304	0,000	0,009	0,002	FALSE
-0,009	0,310	0,000	0,008	0,006	FALSE
-0,063	0,304	-0,001	0,009	0,058	FALSE
0,008	0,321	0,001	0,009	0,037	FALSE
-0,034	0,314	-0,001	0,007	0,043	FALSE
0,028	0,304	0,001	0,012	0,021	FALSE
-0,014	0,305	-0,001	0,009	0,022	FALSE
-0,029	0,298	-0,001	0,009	0,029	FALSE
-0,123	0,294	-0,006	0,012	0,190	FALSE
0,091	0,297	0,004	0,012	0,139	FALSE
0,006	0,321	0,000	0,008	0,006	FALSE
0,001	0,305	0,000	0,008	0,014	FALSE
-0,018	0,312	-0,001	0,008	0,037	FALSE
-0,001	0,304	-0,001	0,010	0,019	FALSE
-0,070	0,295	-0,002	0,008	0,091	FALSE
0,057	0,290	0,003	0,013	0,078	FALSE
-0,001	0,315	0,000	0,008	0,011	FALSE
-0,028	0,301	-0,001	0,008	0,052	FALSE
0,110	0,304	0,005	0,011	0,165	FALSE
0,028	0,311	0,002	0,011	0,052	FALSE
0,041	0,323	0,001	0,010	0,021	FALSE
0,052	0,288	0,001	0,011	0,028	FALSE
0,077	0,323	0,002	0,007	0,082	FALSE
-0,014	0,304	0,000	0,009	0,004	FALSE
0,064	0,303	0,001	0,006	0,069	FALSE
0,028	0,290	0,001	0,009	0,034	FALSE
-0,166	0,298	-0,006	0,009	0,258	FALSE
-0,035	0,328	0,000	0,009	0,002	FALSE

-0,160	0,289	-0,005	0,009	0,235	FALSE
-0,092	0,309	-0,003	0,012	0,090	FALSE
0,075	0,316	0,003	0,008	0,123	FALSE
-0,146	0,306	-0,004	0,007	0,212	FALSE
0,171	0,325	0,007	0,013	0,215	FALSE
-0,033	0,306	-0,002	0,013	0,059	FALSE
0,125	0,311	0,003	0,008	0,150	FALSE
-0,067	0,306	-0,002	0,008	0,092	FALSE
0,027	0,308	0,001	0,011	0,038	FALSE
0,084	0,325	0,002	0,009	0,104	FALSE
-0,018	0,299	-0,001	0,012	0,044	FALSE
0,072	0,291	0,002	0,007	0,133	FALSE
-0,025	0,309	0,000	0,008	0,012	FALSE
-0,114	0,300	-0,005	0,011	0,193	FALSE
0,039	0,313	0,001	0,009	0,058	FALSE
0,061	0,321	0,002	0,009	0,075	FALSE
0,086	0,312	0,002	0,006	0,138	FALSE
0,105	0,293	0,003	0,006	0,157	FALSE
-0,098	0,319	-0,004	0,011	0,141	FALSE
0,092	0,306	0,002	0,007	0,135	FALSE
-0,101	0,309	-0,002	0,006	0,117	FALSE
-0,019	0,298	0,000	0,006	0,001	FALSE
0,141	0,310	0,005	0,012	0,187	FALSE
-0,093	0,307	-0,003	0,013	0,082	FALSE
0,126	0,306	0,004	0,010	0,173	FALSE
0,022	0,293	0,000	0,007	0,017	FALSE
-0,151	0,290	-0,004	0,009	0,194	FALSE
-0,126	0,317	-0,003	0,008	0,125	FALSE
-0,051	0,312	0,000	0,006	0,022	FALSE
0,041	0,301	0,001	0,007	0,064	FALSE
-0,041	0,286	-0,001	0,012	0,044	FALSE
-0,007	0,307	-0,001	0,007	0,041	FALSE
0,069	0,314	0,002	0,009	0,079	FALSE
0,091	0,302	0,002	0,008	0,087	FALSE
-0,045	0,323	-0,001	0,009	0,041	FALSE
-0,078	0,297	-0,003	0,009	0,111	FALSE
-0,014	0,304	0,000	0,011	0,010	FALSE
-0,022	0,322	0,000	0,008	0,015	FALSE
0,071	0,297	0,002	0,009	0,087	FALSE
-0,113	0,316	-0,002	0,006	0,138	FALSE
-0,061	0,316	-0,001	0,007	0,040	FALSE
0,008	0,303	-0,002	0,011	0,049	FALSE
-0,005	0,297	0,000	0,007	0,011	FALSE
0,001	0,317	0,000	0,007	0,021	FALSE
-0,046	0,313	-0,003	0,012	0,077	FALSE
0,088	0,305	0,003	0,009	0,138	FALSE
0,004	0,314	0,000	0,009	0,002	FALSE
0,005	0,312	0,000	0,009	0,019	FALSE
-0,059	0,316	-0,002	0,009	0,064	FALSE
-0,068	0,318	-0,001	0,007	0,070	FALSE
0,055	0,313	0,002	0,010	0,077	FALSE
0,048	0,309	0,002	0,010	0,062	FALSE
0,130	0,300	0,003	0,007	0,181	FALSE

0,021	0,315	0,001	0,012	0,018	FALSE
0,022	0,292	0,001	0,010	0,056	FALSE
0,014	0,311	0,001	0,010	0,049	FALSE
-0,026	0,312	-0,001	0,008	0,026	FALSE
0,039	0,318	0,001	0,008	0,025	FALSE
0,086	0,311	0,002	0,007	0,115	FALSE
-0,085	0,317	-0,003	0,010	0,112	FALSE
0,131	0,310	0,004	0,009	0,169	FALSE
-0,060	0,306	-0,002	0,008	0,083	FALSE
-0,069	0,304	-0,002	0,011	0,078	FALSE
0,005	0,314	0,000	0,011	0,010	FALSE
-0,101	0,309	-0,003	0,008	0,167	FALSE
0,024	0,309	0,000	0,007	0,021	FALSE
-0,127	0,313	-0,005	0,010	0,188	FALSE
0,052	0,308	0,001	0,011	0,041	FALSE
0,015	0,313	0,000	0,012	0,002	FALSE
0,134	0,309	0,005	0,010	0,188	FALSE
-0,115	0,308	-0,003	0,007	0,181	FALSE
-0,109	0,322	-0,003	0,008	0,150	FALSE
-0,002	0,297	0,000	0,007	0,016	FALSE
0,064	0,310	0,001	0,006	0,076	FALSE
0,026	0,297	0,000	0,008	0,006	FALSE
0,118	0,310	0,004	0,010	0,151	FALSE
0,027	0,310	0,001	0,009	0,034	FALSE
0,100	0,320	0,003	0,007	0,138	FALSE
0,003	0,310	-0,001	0,013	0,015	FALSE
0,061	0,313	0,001	0,009	0,059	FALSE
0,046	0,306	0,001	0,009	0,053	FALSE
0,067	0,301	0,002	0,009	0,073	FALSE
0,041	0,324	0,002	0,011	0,070	FALSE
0,015	0,315	0,000	0,012	0,007	FALSE
0,043	0,312	0,002	0,013	0,059	FALSE
0,145	0,306	0,004	0,007	0,221	FALSE
0,090	0,303	0,002	0,008	0,109	FALSE
-0,039	0,299	-0,002	0,008	0,073	FALSE
0,030	0,314	0,000	0,011	0,012	FALSE
0,072	0,316	0,003	0,011	0,086	FALSE
0,057	0,319	0,002	0,011	0,075	FALSE
0,179	0,308	0,007	0,013	0,226	FALSE
-0,054	0,314	-0,002	0,011	0,051	FALSE
-0,082	0,297	-0,003	0,012	0,098	FALSE
0,005	0,313	0,000	0,013	0,011	FALSE
-0,091	0,305	-0,003	0,010	0,114	FALSE
-0,080	0,304	-0,002	0,007	0,111	FALSE
-0,102	0,294	-0,003	0,009	0,129	FALSE
0,104	0,305	0,004	0,012	0,120	FALSE
0,030	0,318	0,001	0,012	0,032	FALSE
-0,090	0,320	-0,004	0,012	0,115	FALSE
-0,048	0,307	-0,002	0,011	0,076	FALSE
-0,041	0,315	-0,002	0,012	0,050	FALSE
-0,113	0,305	-0,003	0,008	0,145	FALSE
-0,229	0,297	-0,005	0,007	0,352	FALSE
0,076	0,305	0,002	0,007	0,130	FALSE

0,031	0,306	0,001	0,007	0,063	FALSE
-0,071	0,314	-0,003	0,013	0,090	FALSE
-0,003	0,316	-0,001	0,008	0,047	FALSE
0,022	0,309	0,001	0,010	0,037	FALSE
-0,077	0,315	-0,002	0,008	0,096	FALSE
-0,027	0,309	-0,001	0,011	0,039	FALSE
0,033	0,317	0,001	0,010	0,044	FALSE
-0,009	0,297	0,001	0,009	0,020	FALSE
-0,133	0,329	-0,003	0,007	0,164	FALSE
0,030	0,289	0,001	0,007	0,033	FALSE
-0,068	0,299	-0,002	0,009	0,071	FALSE
-0,001	0,300	0,000	0,008	0,001	FALSE
-0,085	0,316	-0,002	0,007	0,090	FALSE
0,019	0,294	0,001	0,006	0,029	FALSE
-0,047	0,307	-0,001	0,010	0,056	FALSE
0,075	0,317	0,002	0,008	0,090	FALSE
-0,047	0,304	-0,001	0,006	0,066	FALSE
0,139	0,292	0,003	0,007	0,167	FALSE
0,133	0,310	0,002	0,006	0,149	FALSE
0,069	0,307	0,002	0,009	0,070	FALSE
0,091	0,300	0,004	0,011	0,133	FALSE
0,069	0,310	0,003	0,011	0,100	FALSE
0,053	0,296	0,002	0,008	0,108	FALSE
0,075	0,321	0,002	0,008	0,118	FALSE
-0,081	0,311	-0,002	0,007	0,092	FALSE
0,105	0,308	0,002	0,006	0,093	FALSE
0,136	0,311	0,002	0,007	0,142	FALSE
-0,008	0,317	-0,001	0,012	0,022	FALSE
0,023	0,325	0,001	0,012	0,015	FALSE
-0,077	0,318	-0,002	0,013	0,065	FALSE
0,033	0,322	0,001	0,008	0,027	FALSE
0,012	0,284	0,001	0,006	0,061	FALSE
0,059	0,315	0,003	0,010	0,111	FALSE
0,042	0,314	0,002	0,013	0,062	FALSE
0,051	0,312	0,002	0,012	0,069	FALSE
0,036	0,319	0,001	0,012	0,035	FALSE
0,054	0,309	0,002	0,012	0,061	FALSE
0,076	0,307	0,003	0,012	0,095	FALSE
0,028	0,303	0,001	0,011	0,028	FALSE
0,037	0,313	0,001	0,012	0,045	FALSE
0,085	0,315	0,003	0,012	0,106	FALSE
-0,046	0,295	-0,002	0,013	0,046	FALSE
-0,034	0,301	-0,001	0,007	0,080	FALSE
-0,100	0,296	-0,003	0,010	0,126	FALSE
0,065	0,308	0,003	0,011	0,103	FALSE
-0,006	0,297	0,000	0,012	0,008	FALSE
0,046	0,322	0,001	0,012	0,036	FALSE
0,008	0,316	0,000	0,008	0,004	FALSE
-0,044	0,304	-0,001	0,006	0,060	FALSE
-0,169	0,310	-0,005	0,008	0,246	FALSE
0,076	0,312	0,002	0,008	0,102	FALSE
0,186	0,292	0,008	0,011	0,314	FALSE
-0,142	0,304	-0,005	0,011	0,190	FALSE

0,041	0,308	0,001	0,008	0,053	FALSE
-0,040	0,311	-0,002	0,012	0,048	FALSE
-0,135	0,307	-0,004	0,007	0,215	FALSE
-0,021	0,303	-0,001	0,013	0,021	FALSE
-0,081	0,307	-0,001	0,007	0,078	FALSE
-0,083	0,299	-0,002	0,007	0,107	FALSE
0,020	0,303	0,000	0,007	0,001	FALSE
0,086	0,311	0,003	0,012	0,085	FALSE
0,058	0,319	0,001	0,009	0,060	FALSE
-0,070	0,313	-0,002	0,009	0,089	FALSE
-0,037	0,311	-0,001	0,007	0,049	FALSE
-0,070	0,314	-0,002	0,006	0,098	FALSE
-0,053	0,316	-0,002	0,009	0,074	FALSE
0,146	0,309	0,004	0,008	0,216	FALSE
-0,004	0,313	0,000	0,007	0,017	FALSE
0,119	0,287	0,004	0,010	0,180	FALSE
0,015	0,296	0,001	0,006	0,030	FALSE
0,192	0,311	0,005	0,009	0,254	FALSE
0,190	0,309	0,004	0,006	0,281	FALSE
0,006	0,300	0,000	0,007	0,015	FALSE
0,015	0,297	0,000	0,007	0,016	FALSE
0,063	0,292	0,002	0,009	0,078	FALSE
0,002	0,316	-0,001	0,012	0,021	FALSE
-0,018	0,319	-0,001	0,010	0,027	FALSE
0,070	0,311	0,003	0,012	0,083	FALSE
0,031	0,301	0,001	0,010	0,045	FALSE
0,027	0,310	0,000	0,013	0,006	FALSE
0,129	0,313	0,004	0,009	0,174	FALSE
0,035	0,300	0,002	0,011	0,081	FALSE
-0,178	0,294	-0,005	0,009	0,245	FALSE
-0,080	0,318	-0,002	0,007	0,091	FALSE
0,065	0,312	0,003	0,012	0,098	FALSE
0,119	0,309	0,005	0,011	0,186	FALSE
0,001	0,306	0,001	0,013	0,027	FALSE
-0,008	0,309	0,000	0,007	0,022	FALSE
0,072	0,298	0,002	0,007	0,112	FALSE
0,100	0,311	0,004	0,013	0,140	FALSE
-0,078	0,309	-0,002	0,009	0,069	FALSE
0,025	0,308	0,001	0,013	0,034	FALSE
-0,013	0,320	-0,001	0,013	0,014	FALSE
-0,003	0,323	0,000	0,013	0,003	FALSE
0,008	0,313	0,000	0,013	0,005	FALSE
-0,029	0,309	-0,001	0,012	0,039	FALSE
-0,024	0,307	-0,001	0,013	0,023	FALSE
0,011	0,310	0,001	0,012	0,019	FALSE
-0,014	0,325	-0,001	0,013	0,020	FALSE
-0,019	0,316	-0,001	0,013	0,019	FALSE
-0,072	0,298	-0,002	0,010	0,079	FALSE
-0,049	0,308	-0,002	0,013	0,059	FALSE
0,015	0,301	0,001	0,012	0,015	FALSE
-0,070	0,323	-0,001	0,007	0,076	FALSE
-0,023	0,313	-0,001	0,007	0,037	FALSE
-0,001	0,326	0,000	0,013	0,000	FALSE

0,006	0,320	0,000	0,013	0,006	FALSE
-0,023	0,316	-0,001	0,013	0,029	FALSE
-0,016	0,331	-0,001	0,013	0,021	FALSE
-0,009	0,315	0,000	0,013	0,007	FALSE
0,004	0,321	0,000	0,013	0,005	FALSE
-0,014	0,315	-0,001	0,012	0,015	FALSE
-0,026	0,305	0,000	0,007	0,020	FALSE
-0,029	0,309	-0,001	0,013	0,038	FALSE
-0,005	0,310	0,000	0,012	0,013	FALSE
-0,122	0,307	-0,002	0,007	0,123	FALSE
-0,093	0,308	-0,003	0,011	0,093	FALSE
-0,076	0,302	-0,002	0,009	0,088	FALSE
0,134	0,299	0,003	0,007	0,181	FALSE
-0,067	0,311	-0,001	0,007	0,043	FALSE
0,017	0,319	0,000	0,013	0,008	FALSE
-0,008	0,308	0,000	0,012	0,014	FALSE
-0,021	0,322	-0,001	0,013	0,021	FALSE
0,003	0,319	0,000	0,013	0,001	FALSE
-0,025	0,323	-0,001	0,013	0,026	FALSE
-0,026	0,315	-0,001	0,013	0,028	FALSE
-0,031	0,331	-0,001	0,013	0,031	FALSE
0,006	0,331	0,000	0,014	0,007	FALSE
-0,012	0,315	-0,001	0,013	0,015	FALSE
-0,022	0,302	-0,001	0,012	0,021	FALSE
-0,006	0,299	0,000	0,011	0,012	FALSE
0,012	0,318	0,000	0,008	0,001	FALSE
0,055	0,315	0,001	0,006	0,048	FALSE
0,026	0,291	0,001	0,009	0,050	FALSE
0,019	0,310	0,001	0,008	0,032	FALSE
0,025	0,302	0,002	0,013	0,049	FALSE
-0,012	0,313	0,000	0,008	0,003	FALSE
-0,040	0,304	-0,001	0,008	0,048	FALSE
-0,039	0,310	-0,002	0,013	0,068	FALSE
0,076	0,300	0,001	0,006	0,084	FALSE
0,095	0,293	0,004	0,010	0,152	FALSE
0,062	0,313	0,003	0,013	0,086	FALSE
-0,066	0,325	-0,003	0,009	0,116	FALSE
-0,135	0,299	-0,004	0,011	0,146	FALSE
-0,094	0,303	-0,002	0,010	0,089	FALSE
0,029	0,309	0,000	0,006	0,025	FALSE
0,057	0,307	0,001	0,007	0,048	FALSE
0,055	0,303	0,001	0,007	0,040	FALSE
0,065	0,300	0,001	0,007	0,053	FALSE
0,019	0,311	0,001	0,007	0,026	FALSE
0,081	0,315	0,002	0,007	0,088	FALSE
0,072	0,304	0,002	0,007	0,087	FALSE
0,114	0,306	0,004	0,010	0,137	FALSE
0,060	0,301	0,001	0,009	0,039	FALSE
0,061	0,314	0,002	0,007	0,106	FALSE
0,070	0,312	0,002	0,008	0,094	FALSE
0,057	0,317	0,001	0,007	0,062	FALSE
-0,029	0,311	-0,001	0,009	0,022	FALSE
-0,064	0,309	-0,002	0,010	0,072	FALSE

-0,034	0,319	-0,001	0,011	0,034	FALSE
0,110	0,306	0,003	0,013	0,104	FALSE
0,066	0,311	0,001	0,006	0,050	FALSE
0,055	0,298	0,001	0,006	0,033	FALSE
0,102	0,292	0,004	0,012	0,142	FALSE
0,021	0,308	0,000	0,007	0,002	FALSE
-0,003	0,310	0,000	0,007	0,008	FALSE
-0,064	0,318	-0,002	0,006	0,101	FALSE
0,081	0,299	0,003	0,011	0,092	FALSE
-0,048	0,305	-0,001	0,008	0,049	FALSE
-0,069	0,313	-0,002	0,008	0,073	FALSE
-0,053	0,307	-0,001	0,008	0,050	FALSE
-0,056	0,317	-0,001	0,008	0,063	FALSE
-0,036	0,314	-0,001	0,008	0,039	FALSE
-0,055	0,311	-0,002	0,008	0,074	FALSE
-0,042	0,322	-0,001	0,009	0,034	FALSE
0,093	0,296	0,003	0,010	0,128	FALSE
0,127	0,314	0,004	0,012	0,145	FALSE
-0,005	0,302	0,000	0,008	0,008	FALSE
-0,101	0,309	-0,004	0,011	0,152	FALSE
-0,045	0,307	-0,001	0,007	0,060	FALSE
0,017	0,313	0,000	0,008	0,008	FALSE
0,053	0,320	0,001	0,008	0,041	FALSE
0,002	0,321	0,000	0,009	0,004	FALSE
0,011	0,297	0,001	0,010	0,026	FALSE
0,055	0,308	0,002	0,013	0,069	FALSE
0,101	0,314	0,004	0,013	0,133	FALSE
0,096	0,316	0,004	0,013	0,109	FALSE
0,067	0,298	0,003	0,012	0,083	FALSE
0,039	0,312	0,001	0,006	0,056	FALSE
0,098	0,294	0,004	0,010	0,149	FALSE
-0,008	0,316	0,000	0,010	0,013	FALSE
-0,068	0,328	-0,002	0,009	0,089	FALSE
-0,043	0,286	-0,003	0,012	0,097	FALSE
-0,025	0,324	-0,001	0,013	0,020	FALSE
-0,024	0,303	-0,002	0,012	0,049	FALSE
0,042	0,302	0,002	0,008	0,077	FALSE
0,029	0,308	0,001	0,008	0,049	FALSE
-0,046	0,311	-0,001	0,008	0,044	FALSE
0,055	0,299	0,001	0,007	0,084	FALSE
0,019	0,300	0,000	0,009	0,012	FALSE
-0,126	0,313	-0,004	0,011	0,145	FALSE
-0,096	0,296	-0,002	0,010	0,082	FALSE
0,067	0,300	0,002	0,009	0,103	FALSE
-0,008	0,305	0,000	0,012	0,008	FALSE
-0,094	0,320	-0,003	0,011	0,120	FALSE
-0,085	0,309	-0,002	0,009	0,103	FALSE
0,118	0,307	0,004	0,011	0,151	FALSE
0,020	0,321	0,001	0,013	0,019	FALSE
0,004	0,299	0,000	0,010	0,007	FALSE
-0,020	0,311	-0,001	0,007	0,035	FALSE
-0,062	0,299	-0,002	0,007	0,088	FALSE
-0,001	0,286	0,000	0,008	0,002	FALSE

-0,144	0,299	-0,005	0,011	0,205	FALSE
-0,166	0,300	-0,006	0,011	0,255	FALSE
-0,034	0,308	0,000	0,008	0,019	FALSE
0,080	0,301	0,002	0,008	0,111	FALSE
0,076	0,325	0,002	0,013	0,072	FALSE
0,031	0,305	0,003	0,013	0,080	FALSE
-0,047	0,309	-0,002	0,011	0,052	FALSE
-0,081	0,306	-0,002	0,009	0,078	FALSE
0,021	0,309	0,001	0,007	0,032	FALSE
0,011	0,318	0,001	0,013	0,027	FALSE
0,021	0,306	0,001	0,012	0,043	FALSE
0,014	0,319	0,001	0,013	0,025	FALSE
0,031	0,311	0,000	0,007	0,021	FALSE
0,018	0,301	0,001	0,012	0,037	FALSE
0,007	0,322	0,001	0,013	0,017	FALSE
-0,025	0,305	-0,001	0,007	0,038	FALSE
-0,058	0,307	-0,001	0,007	0,057	FALSE
-0,054	0,301	-0,002	0,008	0,093	FALSE
-0,077	0,302	-0,002	0,009	0,095	FALSE
-0,084	0,315	-0,002	0,010	0,093	FALSE
-0,006	0,317	0,000	0,012	0,003	FALSE
0,009	0,311	0,000	0,012	0,001	FALSE
0,003	0,295	0,001	0,010	0,051	FALSE
0,003	0,317	0,000	0,013	0,012	FALSE
-0,159	0,302	-0,006	0,010	0,246	FALSE
-0,057	0,305	-0,001	0,007	0,076	FALSE
0,038	0,309	0,002	0,007	0,086	FALSE
0,022	0,308	0,000	0,008	0,021	FALSE
-0,068	0,300	-0,002	0,011	0,087	FALSE
0,056	0,290	0,001	0,008	0,039	FALSE
0,079	0,291	0,002	0,007	0,086	FALSE
0,067	0,298	0,003	0,012	0,091	FALSE
-0,020	0,316	0,000	0,010	0,001	FALSE
0,085	0,299	0,002	0,013	0,067	FALSE
0,024	0,298	0,003	0,012	0,082	FALSE
0,035	0,290	0,001	0,009	0,049	FALSE
-0,053	0,310	-0,001	0,008	0,053	FALSE
0,120	0,299	0,004	0,011	0,155	FALSE
0,091	0,304	0,003	0,011	0,109	FALSE
-0,068	0,300	-0,002	0,009	0,075	FALSE
-0,159	0,306	-0,006	0,011	0,233	FALSE
-0,139	0,299	-0,005	0,011	0,197	FALSE
-0,162	0,320	-0,006	0,012	0,221	FALSE
-0,149	0,302	-0,005	0,011	0,207	FALSE
-0,155	0,298	-0,006	0,011	0,220	FALSE
0,039	0,315	0,002	0,013	0,056	FALSE
-0,030	0,302	-0,001	0,011	0,036	FALSE
-0,048	0,312	-0,002	0,012	0,052	FALSE
-0,048	0,304	-0,001	0,007	0,048	FALSE
0,083	0,302	0,003	0,010	0,118	FALSE
0,001	0,312	0,000	0,010	0,017	FALSE
0,046	0,305	0,001	0,006	0,078	FALSE
-0,070	0,302	-0,002	0,007	0,106	FALSE

-0,068	0,307	-0,003	0,013	0,089	FALSE
-0,003	0,303	0,000	0,010	0,008	FALSE
-0,013	0,311	0,000	0,008	0,014	FALSE
0,077	0,303	0,002	0,009	0,102	FALSE
0,096	0,318	0,003	0,009	0,131	FALSE
-0,062	0,310	-0,001	0,009	0,056	FALSE
0,079	0,304	0,003	0,013	0,084	FALSE
-0,046	0,312	-0,001	0,007	0,046	FALSE
-0,060	0,293	-0,001	0,007	0,050	FALSE
0,000	0,317	-0,001	0,013	0,031	FALSE
0,023	0,308	0,001	0,006	0,035	FALSE
0,066	0,314	0,002	0,008	0,080	FALSE
0,042	0,307	0,001	0,009	0,035	FALSE
-0,080	0,309	-0,001	0,007	0,072	FALSE
-0,044	0,298	-0,002	0,011	0,062	FALSE
0,089	0,308	0,003	0,010	0,103	FALSE
0,012	0,302	0,001	0,009	0,035	FALSE
0,149	0,311	0,004	0,007	0,234	FALSE
0,201	0,303	0,004	0,008	0,238	FALSE
0,130	0,294	0,003	0,007	0,169	FALSE
-0,050	0,303	-0,001	0,013	0,043	FALSE
-0,024	0,305	-0,001	0,012	0,033	FALSE
-0,063	0,313	-0,002	0,010	0,063	FALSE
-0,107	0,297	-0,003	0,008	0,129	FALSE
0,094	0,300	0,004	0,012	0,127	FALSE
0,059	0,302	0,002	0,013	0,074	FALSE
-0,003	0,303	-0,001	0,009	0,039	FALSE
0,056	0,302	0,002	0,011	0,069	FALSE
0,069	0,292	0,002	0,012	0,070	FALSE
-0,068	0,305	-0,003	0,011	0,107	FALSE
-0,058	0,304	-0,002	0,010	0,086	FALSE
0,172	0,306	0,005	0,009	0,234	FALSE
-0,022	0,314	-0,002	0,013	0,050	FALSE
0,096	0,304	0,005	0,013	0,152	FALSE
0,118	0,308	0,005	0,013	0,165	FALSE
0,081	0,302	0,004	0,010	0,140	FALSE
-0,121	0,302	-0,006	0,012	0,188	FALSE
-0,004	0,313	0,000	0,010	0,005	FALSE
-0,033	0,320	0,000	0,011	0,014	FALSE
-0,132	0,294	-0,005	0,011	0,197	FALSE
-0,124	0,299	-0,005	0,011	0,187	FALSE
-0,037	0,308	-0,001	0,007	0,058	FALSE
-0,042	0,310	-0,002	0,012	0,053	FALSE
-0,044	0,315	-0,001	0,012	0,038	FALSE
0,055	0,318	0,002	0,013	0,054	FALSE
-0,055	0,328	-0,002	0,013	0,068	FALSE
-0,058	0,298	-0,002	0,006	0,098	FALSE
0,181	0,303	0,004	0,007	0,283	FALSE
-0,002	0,316	0,000	0,010	0,009	FALSE
0,028	0,325	0,001	0,012	0,034	FALSE
0,040	0,309	0,001	0,009	0,049	FALSE
0,040	0,306	0,001	0,008	0,044	FALSE
-0,038	0,289	0,000	0,012	0,015	FALSE

0,071	0,307	0,004	0,013	0,121	FALSE
-0,030	0,306	-0,001	0,009	0,052	FALSE
-0,094	0,306	-0,002	0,007	0,089	FALSE
0,027	0,315	0,000	0,007	0,020	FALSE
-0,076	0,320	-0,002	0,008	0,090	FALSE
-0,017	0,309	-0,001	0,011	0,015	FALSE
0,080	0,307	0,003	0,010	0,103	FALSE
-0,034	0,302	0,000	0,008	0,005	FALSE
-0,008	0,310	0,000	0,007	0,003	FALSE
0,080	0,303	0,003	0,011	0,100	FALSE
-0,021	0,294	0,000	0,007	0,003	FALSE
0,081	0,298	0,002	0,008	0,073	FALSE
-0,030	0,299	0,000	0,006	0,024	FALSE
0,050	0,295	0,000	0,012	0,011	FALSE
0,008	0,316	0,001	0,008	0,028	FALSE
-0,026	0,312	-0,001	0,011	0,029	FALSE
-0,018	0,313	-0,001	0,011	0,018	FALSE
-0,100	0,312	-0,004	0,011	0,133	FALSE
0,022	0,318	0,000	0,011	0,010	FALSE
0,036	0,312	0,001	0,011	0,031	FALSE
0,060	0,293	0,002	0,007	0,082	FALSE
-0,090	0,311	-0,004	0,013	0,114	FALSE
-0,086	0,306	-0,002	0,011	0,089	FALSE
0,039	0,315	0,001	0,008	0,049	FALSE
0,070	0,299	0,002	0,008	0,109	FALSE
-0,065	0,296	-0,002	0,009	0,080	FALSE
0,018	0,301	0,000	0,011	0,003	FALSE
0,099	0,312	0,003	0,008	0,141	FALSE
0,036	0,311	0,000	0,008	0,016	FALSE
-0,010	0,311	-0,001	0,011	0,016	FALSE
-0,113	0,309	-0,004	0,010	0,175	FALSE
-0,048	0,305	-0,001	0,007	0,079	FALSE
0,041	0,317	0,001	0,007	0,046	FALSE
-0,015	0,315	0,000	0,007	0,004	FALSE
-0,018	0,300	0,000	0,007	0,007	FALSE
0,118	0,305	0,003	0,007	0,176	FALSE
-0,067	0,320	-0,001	0,007	0,072	FALSE
-0,148	0,287	-0,004	0,008	0,216	FALSE
0,085	0,301	0,003	0,012	0,115	FALSE
-0,062	0,308	-0,001	0,011	0,034	FALSE
0,096	0,311	0,002	0,007	0,089	FALSE
-0,081	0,313	-0,002	0,007	0,092	FALSE
0,088	0,311	0,002	0,007	0,130	FALSE
-0,011	0,302	-0,001	0,011	0,020	FALSE
-0,027	0,314	-0,001	0,009	0,029	FALSE
0,060	0,318	0,002	0,007	0,101	FALSE
0,010	0,292	0,000	0,011	0,002	FALSE
-0,046	0,282	-0,002	0,011	0,050	FALSE
0,123	0,298	0,005	0,011	0,163	FALSE
-0,044	0,314	-0,002	0,013	0,060	FALSE
-0,025	0,322	-0,001	0,007	0,029	FALSE
0,018	0,300	0,000	0,009	0,001	FALSE
-0,082	0,299	-0,002	0,008	0,101	FALSE

-0,007	0,307	0,000	0,007	0,005	FALSE
0,004	0,307	0,000	0,011	0,012	FALSE
-0,026	0,315	-0,001	0,012	0,017	FALSE
-0,064	0,315	-0,001	0,006	0,052	FALSE
-0,051	0,307	-0,003	0,013	0,082	FALSE
-0,043	0,299	-0,003	0,012	0,079	FALSE
-0,039	0,304	-0,003	0,012	0,087	FALSE
-0,033	0,305	-0,001	0,011	0,027	FALSE
0,082	0,307	0,002	0,008	0,122	FALSE
0,009	0,294	-0,001	0,009	0,025	FALSE
-0,041	0,300	-0,001	0,011	0,039	FALSE
0,020	0,301	0,000	0,009	0,008	FALSE
-0,026	0,299	-0,001	0,011	0,035	FALSE
0,091	0,297	0,003	0,010	0,120	FALSE
-0,028	0,303	-0,001	0,008	0,034	FALSE
0,036	0,315	0,002	0,011	0,052	FALSE
-0,009	0,315	0,000	0,009	0,006	FALSE
-0,002	0,310	0,000	0,012	0,004	FALSE
-0,043	0,300	-0,001	0,009	0,038	FALSE
-0,005	0,297	0,000	0,007	0,017	FALSE
-0,011	0,306	0,000	0,010	0,010	FALSE
-0,092	0,296	-0,003	0,011	0,115	FALSE
0,028	0,312	0,001	0,013	0,019	FALSE
-0,017	0,301	-0,001	0,007	0,038	FALSE
-0,146	0,297	-0,003	0,007	0,201	FALSE
-0,029	0,305	-0,001	0,008	0,036	FALSE
0,064	0,291	0,001	0,007	0,080	FALSE
-0,075	0,311	-0,002	0,011	0,080	FALSE
0,119	0,299	0,003	0,008	0,168	FALSE
0,073	0,302	0,002	0,007	0,091	FALSE
0,072	0,322	0,002	0,008	0,101	FALSE
-0,035	0,298	-0,003	0,012	0,088	FALSE
0,040	0,295	0,002	0,011	0,064	FALSE
-0,050	0,314	-0,002	0,011	0,053	FALSE
0,112	0,312	0,004	0,012	0,115	FALSE
-0,111	0,309	-0,004	0,011	0,144	FALSE
-0,101	0,315	-0,004	0,012	0,124	FALSE
-0,095	0,305	-0,003	0,011	0,120	FALSE
0,073	0,319	0,002	0,010	0,080	FALSE
0,064	0,294	0,002	0,006	0,127	FALSE
-0,033	0,312	-0,001	0,012	0,017	FALSE
0,037	0,321	0,001	0,008	0,035	FALSE
0,132	0,297	0,006	0,012	0,204	FALSE
-0,078	0,307	-0,002	0,008	0,094	FALSE
-0,060	0,301	-0,002	0,009	0,067	FALSE
-0,024	0,319	0,000	0,012	0,014	FALSE
-0,042	0,320	-0,001	0,013	0,031	FALSE
-0,092	0,313	-0,003	0,012	0,097	FALSE
-0,149	0,305	-0,004	0,009	0,180	FALSE
0,116	0,314	0,004	0,010	0,149	FALSE
-0,089	0,306	-0,003	0,011	0,100	FALSE
0,012	0,309	0,001	0,008	0,025	FALSE
-0,050	0,301	-0,002	0,012	0,076	FALSE

-0,038	0,311	-0,002	0,011	0,062	FALSE
-0,024	0,312	-0,001	0,011	0,038	FALSE
-0,004	0,318	-0,001	0,011	0,023	FALSE
0,073	0,299	0,003	0,010	0,122	FALSE
-0,123	0,311	-0,004	0,010	0,147	FALSE
-0,058	0,301	-0,001	0,007	0,058	FALSE
-0,052	0,298	-0,001	0,009	0,054	FALSE
-0,019	0,311	-0,002	0,010	0,064	FALSE
0,063	0,317	0,002	0,013	0,060	FALSE
-0,108	0,324	-0,003	0,008	0,157	FALSE
-0,004	0,310	0,000	0,009	0,019	FALSE
-0,038	0,297	-0,001	0,009	0,024	FALSE
0,066	0,301	0,002	0,008	0,105	FALSE
0,027	0,315	0,001	0,010	0,024	FALSE
0,068	0,315	0,002	0,007	0,112	FALSE
0,006	0,316	0,001	0,011	0,023	FALSE
-0,076	0,308	-0,002	0,009	0,074	FALSE
-0,057	0,302	-0,001	0,007	0,072	FALSE
0,016	0,304	0,001	0,009	0,036	FALSE
-0,107	0,316	-0,002	0,007	0,119	FALSE
-0,050	0,318	-0,002	0,008	0,092	FALSE
-0,142	0,303	-0,006	0,013	0,184	FALSE
0,073	0,314	0,002	0,010	0,074	FALSE
-0,188	0,295	-0,006	0,009	0,286	FALSE
0,124	0,311	0,004	0,011	0,154	FALSE
0,088	0,295	0,003	0,009	0,139	FALSE
0,027	0,313	0,001	0,009	0,047	FALSE
0,064	0,305	0,002	0,009	0,090	FALSE
-0,088	0,304	-0,003	0,009	0,133	FALSE
0,074	0,309	0,002	0,008	0,103	FALSE
-0,023	0,309	-0,001	0,009	0,062	FALSE
0,073	0,302	0,003	0,011	0,113	FALSE
0,101	0,304	0,003	0,007	0,145	FALSE
0,054	0,316	0,002	0,012	0,074	FALSE
-0,010	0,309	-0,001	0,013	0,022	FALSE
0,156	0,292	0,006	0,011	0,252	FALSE
-0,105	0,301	-0,002	0,008	0,123	FALSE
-0,161	0,297	-0,007	0,013	0,252	FALSE
0,087	0,306	0,004	0,012	0,134	FALSE
0,059	0,318	0,003	0,013	0,097	FALSE
0,069	0,315	0,003	0,012	0,099	FALSE
0,095	0,308	0,003	0,011	0,122	FALSE
-0,085	0,299	-0,003	0,010	0,133	FALSE
-0,074	0,310	-0,003	0,010	0,108	FALSE
-0,029	0,305	-0,001	0,011	0,036	FALSE
0,004	0,309	0,001	0,011	0,025	FALSE
-0,035	0,298	-0,001	0,010	0,027	FALSE
-0,069	0,302	-0,002	0,010	0,086	FALSE
0,090	0,302	0,004	0,011	0,135	FALSE
-0,096	0,316	-0,003	0,013	0,104	FALSE
-0,108	0,291	-0,003	0,008	0,148	FALSE
-0,086	0,289	-0,002	0,006	0,112	FALSE
0,188	0,293	0,007	0,010	0,313	FALSE

-0,099	0,315	-0,003	0,008	0,161	FALSE
0,010	0,314	0,000	0,012	0,012	FALSE
0,032	0,308	0,001	0,011	0,018	FALSE
-0,069	0,302	-0,002	0,012	0,068	FALSE
-0,122	0,294	-0,005	0,013	0,166	FALSE
-0,020	0,300	-0,001	0,012	0,038	FALSE
-0,072	0,319	-0,002	0,008	0,083	FALSE
-0,018	0,311	-0,001	0,008	0,025	FALSE
-0,051	0,325	-0,002	0,011	0,063	FALSE
0,061	0,289	0,002	0,010	0,091	FALSE
0,113	0,308	0,003	0,009	0,162	FALSE
0,025	0,320	0,002	0,013	0,044	FALSE
0,053	0,299	0,002	0,012	0,065	FALSE
0,100	0,282	0,004	0,010	0,150	FALSE
0,031	0,294	0,000	0,006	0,011	FALSE
-0,077	0,310	-0,003	0,012	0,108	FALSE
-0,049	0,309	-0,001	0,007	0,038	FALSE
-0,075	0,303	-0,003	0,012	0,111	FALSE
-0,050	0,313	-0,002	0,012	0,073	FALSE
0,002	0,314	0,000	0,009	0,003	FALSE
0,049	0,300	0,002	0,012	0,068	FALSE
-0,104	0,300	-0,003	0,010	0,112	FALSE
-0,063	0,306	-0,003	0,013	0,075	FALSE
0,051	0,307	0,002	0,012	0,070	FALSE
-0,019	0,303	-0,001	0,007	0,033	FALSE
0,078	0,309	0,002	0,006	0,142	FALSE
0,077	0,306	0,002	0,006	0,122	FALSE
0,003	0,313	0,000	0,006	0,014	FALSE
-0,032	0,306	-0,001	0,009	0,027	FALSE
0,082	0,302	0,004	0,012	0,126	FALSE
-0,110	0,310	-0,004	0,013	0,133	FALSE
-0,019	0,313	-0,001	0,012	0,023	FALSE
0,135	0,308	0,003	0,007	0,204	FALSE
-0,072	0,307	-0,003	0,012	0,082	FALSE
-0,091	0,306	-0,004	0,012	0,118	FALSE
-0,093	0,314	-0,003	0,012	0,114	FALSE
-0,048	0,309	-0,001	0,007	0,033	FALSE
0,027	0,324	0,001	0,007	0,039	FALSE
0,033	0,313	0,000	0,013	0,010	FALSE
0,004	0,316	0,000	0,010	0,010	FALSE
0,014	0,288	0,001	0,006	0,041	FALSE
-0,061	0,311	-0,002	0,011	0,073	FALSE
-0,039	0,306	0,000	0,007	0,024	FALSE
-0,072	0,297	-0,002	0,007	0,085	FALSE
-0,082	0,298	-0,003	0,010	0,103	FALSE
-0,051	0,310	-0,002	0,010	0,062	FALSE
-0,116	0,307	-0,004	0,009	0,176	FALSE
0,048	0,311	0,001	0,007	0,081	FALSE
0,034	0,309	0,000	0,008	0,018	FALSE
0,001	0,292	0,000	0,008	0,006	FALSE
-0,107	0,305	-0,004	0,013	0,136	FALSE
0,015	0,318	0,001	0,013	0,021	FALSE
0,041	0,321	0,002	0,014	0,048	FALSE

0,049	0,317	0,002	0,013	0,063	FALSE
0,041	0,297	0,001	0,013	0,041	FALSE
0,047	0,312	0,002	0,013	0,071	FALSE
-0,051	0,300	-0,002	0,012	0,046	FALSE
-0,007	0,297	-0,001	0,006	0,034	FALSE
-0,010	0,292	0,000	0,007	0,010	FALSE
-0,001	0,309	0,000	0,007	0,002	FALSE
-0,051	0,308	-0,001	0,008	0,063	FALSE
-0,026	0,303	0,000	0,011	0,004	FALSE
-0,067	0,299	-0,001	0,007	0,066	FALSE
-0,006	0,304	0,001	0,011	0,033	FALSE
-0,062	0,309	-0,003	0,010	0,101	FALSE
-0,004	0,315	0,000	0,013	0,003	FALSE
0,016	0,305	0,001	0,013	0,037	FALSE
0,033	0,304	0,001	0,013	0,034	FALSE
0,014	0,306	0,001	0,013	0,014	FALSE
-0,026	0,282	-0,001	0,008	0,022	FALSE
0,024	0,314	0,001	0,008	0,035	FALSE
0,040	0,311	0,001	0,010	0,026	FALSE
-0,119	0,301	-0,003	0,007	0,149	FALSE
0,017	0,316	0,001	0,007	0,031	FALSE
-0,204	0,294	-0,008	0,011	0,310	FALSE
-0,183	0,291	-0,007	0,011	0,265	FALSE
0,125	0,302	0,003	0,007	0,184	FALSE
0,074	0,298	0,003	0,011	0,123	FALSE
-0,101	0,317	-0,004	0,010	0,167	FALSE
0,140	0,296	0,005	0,011	0,186	FALSE
-0,107	0,302	-0,004	0,010	0,175	FALSE
-0,119	0,304	-0,005	0,010	0,194	FALSE
-0,115	0,305	-0,004	0,010	0,180	FALSE
-0,090	0,301	-0,003	0,010	0,129	FALSE
-0,016	0,314	0,000	0,007	0,022	FALSE
0,058	0,308	0,003	0,012	0,094	FALSE
0,038	0,308	0,001	0,009	0,036	FALSE
-0,029	0,300	-0,002	0,011	0,063	FALSE
0,022	0,314	0,001	0,011	0,032	FALSE
-0,090	0,299	-0,004	0,013	0,108	FALSE
0,192	0,297	0,007	0,012	0,244	FALSE
-0,100	0,305	-0,004	0,013	0,123	FALSE
0,053	0,306	0,002	0,010	0,062	FALSE
0,061	0,308	0,002	0,009	0,084	FALSE
0,065	0,312	0,001	0,007	0,055	FALSE
0,065	0,308	0,002	0,009	0,069	FALSE
-0,009	0,322	-0,001	0,013	0,031	FALSE
0,008	0,310	0,000	0,007	0,006	FALSE
0,029	0,310	0,001	0,008	0,037	FALSE
0,070	0,316	0,002	0,009	0,071	FALSE
0,011	0,318	0,000	0,008	0,013	FALSE
-0,003	0,310	-0,001	0,012	0,017	FALSE
-0,049	0,289	-0,001	0,007	0,071	FALSE
0,075	0,299	0,002	0,009	0,084	FALSE
-0,007	0,305	-0,001	0,012	0,024	FALSE
-0,009	0,317	0,000	0,011	0,003	FALSE

-0,021	0,303	0,000	0,007	0,026	FALSE
0,149	0,301	0,003	0,008	0,159	FALSE
-0,032	0,311	-0,001	0,006	0,028	FALSE
-0,043	0,316	-0,001	0,007	0,045	FALSE
-0,107	0,303	-0,003	0,008	0,135	FALSE
-0,012	0,314	0,000	0,012	0,010	FALSE
-0,044	0,320	-0,001	0,008	0,047	FALSE
0,076	0,311	0,002	0,010	0,088	FALSE
0,021	0,302	0,001	0,010	0,032	FALSE
-0,096	0,300	-0,004	0,011	0,132	FALSE
-0,019	0,302	0,000	0,011	0,015	FALSE
0,035	0,302	0,002	0,012	0,061	FALSE
0,083	0,306	0,003	0,012	0,108	FALSE
-0,110	0,313	-0,004	0,010	0,136	FALSE
0,000	0,307	0,000	0,007	0,002	FALSE
-0,077	0,311	-0,002	0,009	0,090	FALSE
0,074	0,300	0,003	0,013	0,075	FALSE
-0,014	0,302	-0,001	0,009	0,025	FALSE
0,089	0,319	0,003	0,013	0,098	FALSE
-0,061	0,312	-0,002	0,010	0,074	FALSE
-0,009	0,306	0,001	0,009	0,024	FALSE
0,100	0,322	0,003	0,012	0,114	FALSE
0,036	0,304	0,002	0,009	0,082	FALSE
0,014	0,308	0,001	0,010	0,051	FALSE
0,110	0,293	0,004	0,012	0,128	FALSE
-0,021	0,305	-0,001	0,008	0,023	FALSE
-0,034	0,305	-0,001	0,007	0,051	FALSE
-0,034	0,305	-0,001	0,011	0,031	FALSE
-0,021	0,307	0,000	0,011	0,014	FALSE
0,035	0,295	0,001	0,006	0,067	FALSE
0,093	0,309	0,001	0,006	0,089	FALSE
-0,002	0,304	0,000	0,009	0,000	FALSE
0,006	0,307	0,000	0,007	0,012	FALSE
0,044	0,311	0,002	0,013	0,066	FALSE
-0,051	0,315	-0,001	0,010	0,033	FALSE
0,088	0,307	0,003	0,011	0,104	FALSE
0,035	0,312	0,001	0,013	0,042	FALSE
-0,057	0,317	-0,003	0,012	0,087	FALSE
0,000	0,309	0,001	0,009	0,037	FALSE
-0,015	0,296	0,000	0,009	0,010	FALSE
-0,126	0,312	-0,004	0,009	0,191	FALSE
0,020	0,324	0,001	0,011	0,027	FALSE
-0,049	0,300	-0,002	0,010	0,055	FALSE
-0,093	0,290	-0,002	0,007	0,090	FALSE
-0,047	0,323	-0,001	0,008	0,049	FALSE
-0,025	0,312	-0,001	0,010	0,033	FALSE
-0,073	0,297	-0,003	0,009	0,115	FALSE
-0,065	0,317	-0,001	0,007	0,062	FALSE
0,027	0,320	0,001	0,007	0,043	FALSE
-0,004	0,317	0,000	0,013	0,011	FALSE
0,043	0,312	0,001	0,012	0,030	FALSE
-0,062	0,297	-0,002	0,010	0,063	FALSE
-0,066	0,304	-0,002	0,010	0,079	FALSE

0,001	0,303	0,000	0,011	0,005	FALSE
0,032	0,321	0,000	0,007	0,026	FALSE
-0,073	0,302	-0,003	0,012	0,088	FALSE
0,044	0,309	0,001	0,009	0,040	FALSE
0,140	0,297	0,006	0,012	0,225	FALSE
0,154	0,309	0,007	0,013	0,218	FALSE
0,182	0,312	0,005	0,008	0,255	FALSE
0,110	0,306	0,004	0,011	0,148	FALSE
0,113	0,320	0,004	0,011	0,148	FALSE
0,020	0,315	0,001	0,008	0,039	FALSE
0,157	0,296	0,005	0,010	0,222	FALSE
0,016	0,303	0,001	0,008	0,041	FALSE
0,076	0,302	0,003	0,009	0,130	FALSE
-0,139	0,319	-0,004	0,010	0,174	FALSE
0,081	0,313	0,003	0,009	0,137	FALSE
0,058	0,309	0,002	0,010	0,083	FALSE
0,069	0,299	0,003	0,011	0,103	FALSE
-0,028	0,305	-0,002	0,013	0,053	FALSE
-0,061	0,318	-0,002	0,011	0,080	FALSE
0,033	0,314	0,001	0,013	0,037	FALSE
0,066	0,316	0,003	0,014	0,077	FALSE
0,082	0,298	0,004	0,012	0,124	FALSE
0,016	0,297	0,000	0,007	0,011	FALSE
0,012	0,306	0,001	0,012	0,027	FALSE
-0,014	0,317	0,000	0,012	0,011	FALSE
0,002	0,300	0,000	0,012	0,009	FALSE
0,144	0,308	0,004	0,009	0,198	FALSE
0,143	0,308	0,005	0,010	0,191	FALSE
0,015	0,308	0,001	0,006	0,042	FALSE
-0,032	0,312	0,000	0,007	0,024	FALSE
-0,034	0,310	-0,002	0,011	0,052	FALSE
-0,025	0,292	-0,002	0,012	0,054	FALSE
-0,040	0,309	-0,001	0,006	0,038	FALSE
0,131	0,302	0,004	0,010	0,178	FALSE
0,100	0,311	0,003	0,009	0,147	FALSE
0,045	0,300	0,001	0,007	0,046	FALSE
-0,031	0,309	-0,001	0,013	0,020	FALSE
0,032	0,315	0,001	0,008	0,032	FALSE
0,007	0,317	-0,001	0,010	0,021	FALSE
0,018	0,322	0,000	0,010	0,001	FALSE
0,052	0,305	0,001	0,009	0,025	FALSE
0,044	0,314	0,002	0,008	0,088	FALSE
0,030	0,312	0,001	0,009	0,025	FALSE
0,019	0,321	0,000	0,010	0,018	FALSE
-0,026	0,319	-0,001	0,010	0,019	FALSE
0,051	0,310	0,002	0,013	0,067	FALSE
0,030	0,302	0,001	0,012	0,032	FALSE
-0,064	0,311	-0,003	0,011	0,087	FALSE
-0,017	0,324	-0,001	0,009	0,041	FALSE
0,120	0,301	0,006	0,012	0,214	FALSE
0,116	0,299	0,006	0,012	0,192	FALSE
0,061	0,292	0,002	0,012	0,063	FALSE
-0,001	0,311	0,000	0,012	0,002	FALSE

-0,001	0,311	0,000	0,012	0,005	FALSE
0,026	0,305	0,001	0,010	0,019	FALSE
-0,069	0,304	-0,003	0,012	0,081	FALSE
0,054	0,301	0,002	0,009	0,077	FALSE
-0,027	0,311	-0,001	0,006	0,031	FALSE
-0,005	0,329	0,000	0,008	0,004	FALSE
-0,074	0,305	-0,001	0,008	0,068	FALSE
0,064	0,299	0,001	0,010	0,038	FALSE
-0,032	0,289	-0,002	0,011	0,055	FALSE
-0,019	0,320	0,000	0,013	0,011	FALSE
0,141	0,300	0,003	0,007	0,205	FALSE
0,024	0,304	0,001	0,011	0,022	FALSE
-0,071	0,298	-0,002	0,010	0,075	FALSE
0,113	0,305	0,004	0,011	0,134	FALSE
0,064	0,311	0,002	0,009	0,066	FALSE
0,139	0,306	0,003	0,008	0,173	FALSE
0,043	0,314	0,001	0,007	0,048	FALSE
0,009	0,309	0,001	0,007	0,032	FALSE
0,016	0,319	0,001	0,007	0,033	FALSE
-0,111	0,322	-0,002	0,007	0,133	FALSE
0,047	0,305	0,001	0,013	0,035	FALSE
-0,058	0,306	-0,002	0,012	0,068	FALSE
-0,021	0,302	0,000	0,008	0,019	FALSE
0,189	0,309	0,006	0,010	0,252	FALSE
-0,171	0,283	-0,005	0,010	0,210	FALSE
-0,046	0,317	-0,001	0,007	0,053	FALSE
0,005	0,316	0,001	0,009	0,022	FALSE
-0,088	0,309	-0,002	0,007	0,111	FALSE
-0,068	0,314	-0,002	0,007	0,104	FALSE
-0,072	0,314	-0,002	0,007	0,102	FALSE
-0,058	0,309	-0,002	0,011	0,070	FALSE
0,033	0,303	0,002	0,008	0,091	FALSE
-0,063	0,311	-0,002	0,011	0,067	FALSE
0,041	0,300	0,002	0,008	0,080	FALSE
-0,041	0,312	-0,001	0,008	0,033	FALSE
0,084	0,300	0,003	0,009	0,142	FALSE
-0,028	0,320	-0,002	0,013	0,044	FALSE
0,074	0,303	0,003	0,011	0,120	FALSE
0,076	0,302	0,003	0,012	0,100	FALSE
0,051	0,317	0,002	0,010	0,075	FALSE
-0,036	0,299	-0,001	0,012	0,042	FALSE
0,057	0,308	0,002	0,007	0,088	FALSE
0,015	0,320	0,000	0,010	0,015	FALSE
0,062	0,302	0,001	0,008	0,069	FALSE
0,099	0,305	0,002	0,008	0,111	FALSE
0,098	0,288	0,003	0,009	0,133	FALSE
0,043	0,304	0,000	0,008	0,014	FALSE
0,095	0,288	0,001	0,007	0,072	FALSE
0,140	0,319	0,003	0,008	0,149	FALSE
0,130	0,302	0,003	0,008	0,119	FALSE
0,042	0,301	0,002	0,009	0,062	FALSE
0,007	0,285	0,000	0,006	0,011	FALSE
0,009	0,305	0,001	0,007	0,029	FALSE

0,051	0,301	0,002	0,006	0,099	FALSE
0,203	0,301	0,008	0,012	0,283	FALSE
0,037	0,298	0,001	0,007	0,071	FALSE
-0,089	0,296	-0,005	0,012	0,152	FALSE
-0,025	0,301	-0,001	0,010	0,051	FALSE
-0,010	0,328	-0,001	0,011	0,025	FALSE
0,025	0,307	0,001	0,007	0,039	FALSE
0,036	0,308	0,001	0,006	0,045	FALSE
0,026	0,305	0,001	0,006	0,045	FALSE
-0,062	0,306	-0,001	0,011	0,042	FALSE
0,159	0,310	0,004	0,008	0,187	FALSE
-0,023	0,306	0,000	0,009	0,011	FALSE
-0,039	0,310	-0,001	0,008	0,034	FALSE
0,109	0,309	0,002	0,007	0,110	FALSE
-0,152	0,297	-0,003	0,006	0,167	FALSE
0,077	0,306	0,002	0,009	0,065	FALSE
-0,034	0,302	-0,001	0,009	0,054	FALSE
-0,019	0,308	-0,001	0,012	0,027	FALSE
-0,024	0,297	-0,001	0,012	0,042	FALSE
0,058	0,304	0,002	0,011	0,083	FALSE
-0,049	0,313	-0,002	0,009	0,073	FALSE
-0,009	0,315	0,000	0,011	0,013	FALSE
-0,007	0,317	0,000	0,011	0,006	FALSE
0,088	0,291	0,005	0,012	0,177	FALSE
-0,133	0,300	-0,004	0,008	0,208	FALSE
-0,196	0,288	-0,007	0,009	0,312	FALSE
-0,209	0,285	-0,007	0,009	0,337	FALSE
-0,083	0,309	-0,002	0,006	0,100	FALSE
0,134	0,302	0,005	0,012	0,185	FALSE
-0,093	0,301	-0,004	0,012	0,136	FALSE
0,023	0,299	0,001	0,009	0,027	FALSE
0,026	0,322	0,001	0,012	0,033	FALSE
-0,016	0,286	-0,001	0,007	0,037	FALSE
0,012	0,301	0,001	0,012	0,039	FALSE
0,028	0,307	0,001	0,007	0,073	FALSE
-0,040	0,305	-0,001	0,010	0,040	FALSE
0,046	0,312	0,001	0,008	0,061	FALSE
-0,015	0,311	-0,001	0,009	0,039	FALSE
-0,040	0,302	-0,002	0,010	0,062	FALSE
0,031	0,290	0,001	0,007	0,038	FALSE
-0,039	0,305	-0,001	0,007	0,047	FALSE
-0,084	0,320	-0,002	0,007	0,097	FALSE
0,108	0,301	0,003	0,008	0,144	FALSE
0,064	0,304	0,003	0,011	0,092	FALSE
-0,144	0,311	-0,005	0,010	0,222	FALSE
-0,100	0,320	-0,004	0,010	0,135	FALSE
-0,012	0,313	0,000	0,010	0,008	FALSE
-0,099	0,317	-0,003	0,009	0,151	FALSE
0,028	0,322	0,000	0,007	0,024	FALSE
0,085	0,305	0,002	0,007	0,112	FALSE
-0,154	0,309	-0,005	0,011	0,220	FALSE
-0,005	0,301	0,000	0,007	0,015	FALSE
-0,007	0,323	0,000	0,009	0,015	FALSE

-0,122	0,312	-0,006	0,013	0,191	FALSE
0,006	0,317	0,000	0,013	0,006	FALSE
-0,013	0,311	-0,001	0,012	0,026	FALSE
-0,021	0,313	-0,002	0,012	0,048	FALSE
-0,032	0,319	-0,001	0,010	0,043	FALSE
-0,016	0,303	0,000	0,007	0,018	FALSE
-0,024	0,312	-0,001	0,007	0,076	FALSE
-0,062	0,308	-0,001	0,006	0,056	FALSE
-0,078	0,317	-0,001	0,007	0,066	FALSE
-0,036	0,306	0,000	0,009	0,008	FALSE
0,062	0,301	0,001	0,007	0,060	FALSE
0,024	0,309	0,001	0,007	0,073	FALSE
-0,044	0,305	-0,002	0,013	0,053	FALSE
-0,047	0,293	-0,001	0,007	0,080	FALSE
0,035	0,310	0,001	0,013	0,040	FALSE
-0,032	0,308	-0,001	0,007	0,029	FALSE
0,087	0,305	0,002	0,007	0,121	FALSE
-0,122	0,308	-0,003	0,008	0,166	FALSE
-0,016	0,317	-0,001	0,009	0,049	FALSE
0,002	0,302	0,000	0,006	0,010	FALSE
-0,073	0,304	-0,003	0,010	0,124	FALSE
-0,093	0,304	-0,002	0,010	0,077	FALSE
0,080	0,303	0,002	0,009	0,084	FALSE
0,002	0,321	0,000	0,008	0,007	FALSE
-0,136	0,303	-0,004	0,008	0,199	FALSE
0,076	0,316	0,002	0,007	0,102	FALSE
0,081	0,319	0,002	0,007	0,108	FALSE
-0,011	0,301	0,000	0,007	0,009	FALSE
0,028	0,313	0,001	0,009	0,038	FALSE
-0,024	0,301	-0,001	0,013	0,017	FALSE
0,032	0,309	0,001	0,008	0,043	FALSE
-0,098	0,309	-0,002	0,010	0,069	FALSE
0,095	0,325	0,003	0,013	0,099	FALSE
-0,083	0,299	-0,002	0,008	0,090	FALSE
0,062	0,314	0,002	0,007	0,088	FALSE
0,002	0,310	-0,001	0,009	0,022	FALSE
0,061	0,320	0,003	0,011	0,112	FALSE
-0,027	0,304	-0,001	0,012	0,045	FALSE
-0,021	0,323	-0,001	0,011	0,020	FALSE
0,102	0,297	0,003	0,008	0,135	FALSE
-0,013	0,318	-0,001	0,011	0,031	FALSE
-0,023	0,305	-0,001	0,012	0,038	FALSE
-0,069	0,315	-0,002	0,008	0,075	FALSE
0,048	0,314	0,002	0,009	0,083	FALSE
-0,010	0,302	0,000	0,007	0,012	FALSE
-0,046	0,299	-0,001	0,007	0,052	FALSE
0,001	0,296	-0,001	0,008	0,022	FALSE
0,011	0,304	0,000	0,008	0,011	FALSE
-0,060	0,293	-0,002	0,011	0,087	FALSE
-0,019	0,307	-0,001	0,011	0,040	FALSE
-0,056	0,295	-0,003	0,012	0,088	FALSE
-0,048	0,293	-0,002	0,011	0,066	FALSE
-0,070	0,326	-0,003	0,010	0,096	FALSE

0,025	0,303	0,001	0,008	0,041	FALSE
0,030	0,320	0,001	0,012	0,015	FALSE
0,026	0,313	0,001	0,007	0,052	FALSE
-0,150	0,302	-0,004	0,007	0,210	FALSE
-0,003	0,309	0,000	0,006	0,014	FALSE
0,185	0,297	0,008	0,013	0,274	FALSE
-0,039	0,304	-0,002	0,010	0,070	FALSE
-0,026	0,313	-0,001	0,009	0,038	FALSE
-0,057	0,308	-0,002	0,009	0,078	FALSE
-0,061	0,308	-0,002	0,009	0,096	FALSE
-0,050	0,314	-0,002	0,009	0,073	FALSE
-0,065	0,303	-0,002	0,009	0,094	FALSE
-0,087	0,297	-0,005	0,012	0,148	FALSE
0,071	0,311	0,002	0,009	0,064	FALSE
-0,103	0,308	-0,003	0,011	0,110	FALSE
0,032	0,311	0,000	0,012	0,009	FALSE
0,014	0,310	0,000	0,012	0,006	FALSE
-0,092	0,314	-0,004	0,013	0,129	FALSE
0,093	0,312	0,003	0,013	0,093	FALSE
-0,063	0,306	-0,001	0,008	0,066	FALSE
0,045	0,314	0,001	0,012	0,040	FALSE
-0,014	0,318	0,000	0,012	0,012	FALSE
-0,024	0,310	-0,001	0,011	0,019	FALSE
-0,074	0,300	-0,003	0,009	0,122	FALSE
0,042	0,301	0,001	0,007	0,031	FALSE
-0,033	0,308	-0,001	0,011	0,044	FALSE
0,047	0,313	0,001	0,007	0,035	FALSE
0,065	0,310	0,002	0,007	0,090	FALSE
0,043	0,322	0,001	0,007	0,030	FALSE
-0,013	0,318	0,000	0,010	0,008	FALSE
0,066	0,313	0,002	0,009	0,082	FALSE
-0,089	0,298	-0,002	0,009	0,102	FALSE
0,149	0,306	0,005	0,012	0,168	FALSE
-0,033	0,297	-0,001	0,008	0,023	FALSE
0,145	0,308	0,005	0,010	0,233	FALSE
0,057	0,305	0,002	0,011	0,087	FALSE
-0,001	0,307	0,000	0,007	0,014	FALSE
0,003	0,301	-0,001	0,013	0,031	FALSE
-0,034	0,309	-0,001	0,011	0,032	FALSE
-0,022	0,311	-0,001	0,010	0,022	FALSE
-0,063	0,289	-0,002	0,009	0,091	FALSE
-0,054	0,307	-0,001	0,009	0,058	FALSE
-0,074	0,312	-0,002	0,009	0,086	FALSE
-0,080	0,294	-0,004	0,011	0,129	FALSE
-0,028	0,300	-0,002	0,009	0,068	FALSE
-0,137	0,291	-0,003	0,008	0,139	FALSE
-0,039	0,296	-0,001	0,012	0,046	FALSE
0,035	0,303	0,001	0,010	0,046	FALSE
0,009	0,312	0,000	0,008	0,007	FALSE
0,032	0,315	0,001	0,010	0,049	FALSE
-0,010	0,299	0,000	0,007	0,003	FALSE
0,150	0,302	0,007	0,013	0,237	FALSE
-0,203	0,310	-0,007	0,011	0,282	FALSE

0,049	0,312	0,000	0,012	0,012	FALSE
0,047	0,311	0,002	0,007	0,099	FALSE
-0,008	0,306	-0,001	0,011	0,045	FALSE
0,010	0,326	0,000	0,010	0,017	FALSE
0,026	0,323	0,001	0,013	0,027	FALSE
-0,003	0,294	0,000	0,008	0,014	FALSE
0,045	0,303	0,001	0,011	0,027	FALSE
0,064	0,291	0,002	0,009	0,068	FALSE
0,032	0,300	0,000	0,008	0,011	FALSE
-0,162	0,293	-0,006	0,011	0,239	FALSE
-0,081	0,299	-0,003	0,009	0,123	FALSE
0,082	0,293	0,001	0,008	0,056	FALSE
-0,001	0,312	0,000	0,006	0,017	FALSE
-0,035	0,327	-0,001	0,010	0,044	FALSE
0,015	0,313	0,000	0,007	0,006	FALSE
0,016	0,318	0,000	0,013	0,014	FALSE
-0,068	0,303	-0,002	0,011	0,073	FALSE
0,037	0,302	0,000	0,007	0,026	FALSE
0,046	0,300	0,003	0,012	0,100	FALSE
-0,004	0,319	-0,001	0,011	0,026	FALSE
0,066	0,299	0,001	0,010	0,044	FALSE
0,073	0,302	0,001	0,010	0,052	FALSE
-0,063	0,294	-0,001	0,007	0,058	FALSE
-0,080	0,327	-0,003	0,012	0,089	FALSE
-0,111	0,302	-0,003	0,009	0,107	FALSE
-0,061	0,310	-0,001	0,010	0,043	FALSE
-0,050	0,302	-0,002	0,008	0,098	FALSE
0,035	0,313	0,001	0,011	0,032	FALSE
0,042	0,304	0,001	0,007	0,042	FALSE
0,022	0,322	0,000	0,008	0,020	FALSE
0,039	0,290	0,002	0,011	0,077	FALSE
-0,021	0,321	0,000	0,007	0,023	FALSE
0,098	0,301	0,004	0,011	0,125	FALSE
-0,021	0,305	0,000	0,006	0,002	FALSE
-0,066	0,307	-0,002	0,008	0,082	FALSE
-0,061	0,307	-0,002	0,010	0,071	FALSE
-0,083	0,311	-0,003	0,009	0,123	FALSE
0,069	0,307	0,001	0,007	0,079	FALSE
0,048	0,319	0,002	0,011	0,056	FALSE
-0,022	0,310	-0,001	0,008	0,036	FALSE
0,140	0,308	0,006	0,012	0,226	FALSE
-0,134	0,309	-0,005	0,012	0,181	FALSE
-0,138	0,314	-0,005	0,012	0,187	FALSE
0,076	0,306	0,003	0,010	0,121	FALSE
0,063	0,303	0,001	0,007	0,067	FALSE
0,058	0,331	0,003	0,011	0,099	FALSE
-0,068	0,300	-0,002	0,008	0,119	FALSE
-0,137	0,305	-0,004	0,009	0,199	FALSE
0,072	0,298	0,003	0,010	0,107	FALSE
0,089	0,301	0,002	0,006	0,128	FALSE
0,068	0,319	0,002	0,013	0,071	FALSE
-0,063	0,309	-0,001	0,009	0,055	FALSE
0,052	0,308	0,001	0,008	0,032	FALSE

-0,069	0,317	-0,002	0,008	0,078	FALSE
-0,092	0,305	-0,003	0,008	0,119	FALSE
-0,007	0,316	-0,001	0,013	0,022	FALSE
0,089	0,307	0,003	0,009	0,107	FALSE
0,064	0,293	0,004	0,012	0,127	FALSE
-0,060	0,311	-0,003	0,013	0,085	FALSE
0,207	0,295	0,009	0,013	0,334	FALSE
-0,155	0,307	-0,005	0,010	0,215	FALSE
-0,043	0,311	-0,001	0,009	0,051	FALSE
-0,115	0,309	-0,003	0,007	0,151	FALSE
0,115	0,305	0,003	0,007	0,160	FALSE
0,103	0,301	0,002	0,006	0,117	FALSE
-0,017	0,315	-0,001	0,006	0,035	FALSE
0,076	0,311	0,003	0,011	0,104	FALSE
0,011	0,300	0,000	0,012	0,005	FALSE
0,002	0,300	0,001	0,013	0,016	FALSE
-0,046	0,314	-0,002	0,010	0,079	FALSE
-0,045	0,320	-0,002	0,010	0,057	FALSE
-0,016	0,314	-0,001	0,010	0,044	FALSE
-0,044	0,318	-0,001	0,008	0,059	FALSE
-0,073	0,303	-0,002	0,010	0,082	FALSE
0,003	0,307	0,000	0,007	0,001	FALSE
-0,038	0,299	-0,001	0,007	0,067	FALSE
-0,002	0,309	-0,001	0,013	0,016	FALSE
0,108	0,307	0,003	0,007	0,142	FALSE
-0,044	0,295	-0,001	0,010	0,031	FALSE
0,081	0,325	0,004	0,013	0,109	FALSE
0,042	0,302	0,001	0,009	0,027	FALSE
0,023	0,317	0,001	0,012	0,016	FALSE
0,002	0,313	0,000	0,012	0,013	FALSE
0,125	0,307	0,003	0,009	0,156	FALSE
0,012	0,313	0,001	0,012	0,026	FALSE
-0,116	0,311	-0,005	0,013	0,149	FALSE
-0,138	0,307	-0,006	0,012	0,191	FALSE
0,016	0,303	0,001	0,008	0,037	FALSE
0,078	0,310	0,003	0,013	0,096	FALSE
-0,015	0,315	0,000	0,011	0,007	FALSE
0,077	0,303	0,002	0,009	0,110	FALSE
-0,024	0,302	0,000	0,011	0,012	FALSE
-0,058	0,309	-0,002	0,008	0,082	FALSE
0,185	0,285	0,008	0,012	0,293	FALSE
-0,026	0,309	0,000	0,008	0,007	FALSE
0,065	0,303	0,003	0,012	0,084	FALSE
0,086	0,300	0,003	0,012	0,108	FALSE
0,061	0,316	0,002	0,011	0,081	FALSE
0,024	0,293	0,000	0,012	0,000	FALSE
-0,101	0,292	-0,004	0,012	0,123	FALSE
0,070	0,312	0,002	0,013	0,061	FALSE
0,040	0,311	0,002	0,008	0,086	FALSE
-0,033	0,291	0,000	0,011	0,009	FALSE
0,048	0,301	0,002	0,008	0,080	FALSE
0,003	0,310	0,001	0,009	0,034	FALSE
0,096	0,323	0,002	0,007	0,139	FALSE

-0,086	0,293	-0,003	0,009	0,116	FALSE
0,015	0,317	0,000	0,008	0,012	FALSE
-0,065	0,307	-0,002	0,009	0,062	FALSE
-0,084	0,299	-0,002	0,009	0,075	FALSE
0,010	0,308	-0,001	0,013	0,017	FALSE
-0,069	0,308	-0,001	0,006	0,085	FALSE
0,070	0,300	0,003	0,009	0,110	FALSE
-0,033	0,307	-0,001	0,012	0,047	FALSE
-0,047	0,296	-0,001	0,006	0,058	FALSE
0,054	0,303	0,001	0,006	0,070	FALSE
-0,035	0,308	0,000	0,007	0,001	FALSE
-0,017	0,308	0,000	0,007	0,012	FALSE
-0,065	0,297	-0,002	0,007	0,100	FALSE
0,010	0,310	0,000	0,009	0,010	FALSE
0,052	0,309	0,001	0,009	0,063	FALSE
0,042	0,301	0,002	0,011	0,062	FALSE
-0,064	0,301	-0,003	0,013	0,075	FALSE
-0,043	0,305	-0,002	0,012	0,068	FALSE
0,010	0,303	0,000	0,010	0,005	FALSE
-0,060	0,313	-0,002	0,012	0,058	FALSE
-0,106	0,308	-0,003	0,010	0,116	FALSE
-0,126	0,298	-0,005	0,011	0,197	FALSE
0,045	0,297	0,002	0,012	0,068	FALSE
-0,036	0,306	-0,001	0,009	0,027	FALSE
0,063	0,323	0,003	0,012	0,082	FALSE
-0,037	0,312	-0,002	0,009	0,068	FALSE
0,049	0,311	0,002	0,011	0,065	FALSE
0,058	0,301	0,002	0,011	0,076	FALSE
0,083	0,311	0,001	0,007	0,082	FALSE
-0,017	0,312	-0,001	0,013	0,030	FALSE
0,083	0,310	0,001	0,007	0,079	FALSE
-0,114	0,317	-0,004	0,010	0,170	FALSE
0,032	0,305	0,002	0,012	0,053	FALSE
-0,002	0,314	0,000	0,007	0,003	FALSE
-0,034	0,311	-0,001	0,012	0,041	FALSE
-0,029	0,302	-0,001	0,007	0,031	FALSE
0,039	0,313	0,002	0,012	0,069	FALSE
0,037	0,314	0,000	0,009	0,008	FALSE
0,069	0,324	0,001	0,007	0,067	FALSE
0,063	0,323	0,001	0,008	0,060	FALSE
0,033	0,312	0,002	0,012	0,047	FALSE
0,049	0,303	0,002	0,010	0,083	FALSE
0,010	0,308	0,000	0,010	0,013	FALSE
-0,046	0,292	-0,002	0,012	0,076	FALSE
0,049	0,288	0,002	0,009	0,079	FALSE
0,131	0,309	0,002	0,006	0,141	FALSE
-0,084	0,313	-0,002	0,006	0,094	FALSE
-0,033	0,308	-0,001	0,010	0,037	FALSE
-0,180	0,304	-0,006	0,008	0,288	FALSE
0,038	0,299	0,001	0,008	0,041	FALSE
0,060	0,304	0,002	0,008	0,105	FALSE
0,054	0,310	0,003	0,013	0,074	FALSE
-0,010	0,305	-0,001	0,009	0,033	FALSE

-0,026	0,315	-0,002	0,010	0,060	FALSE
0,021	0,304	0,000	0,006	0,023	FALSE
-0,043	0,293	0,000	0,006	0,019	FALSE
-0,045	0,299	-0,001	0,009	0,061	FALSE
-0,061	0,291	-0,002	0,009	0,090	FALSE
-0,068	0,326	-0,002	0,008	0,097	FALSE
-0,024	0,298	-0,001	0,008	0,036	FALSE
-0,025	0,316	-0,001	0,008	0,029	FALSE
0,008	0,306	0,000	0,008	0,008	FALSE
-0,005	0,315	0,000	0,008	0,015	FALSE
0,005	0,314	0,000	0,010	0,000	FALSE
-0,001	0,311	0,000	0,009	0,006	FALSE
0,015	0,309	0,000	0,009	0,002	FALSE
-0,005	0,301	0,000	0,008	0,020	FALSE
0,000	0,316	0,000	0,008	0,012	FALSE
-0,132	0,298	-0,004	0,009	0,174	FALSE
-0,075	0,310	-0,003	0,012	0,103	FALSE
0,166	0,289	0,006	0,011	0,227	FALSE
-0,171	0,309	-0,006	0,011	0,235	FALSE
-0,117	0,302	-0,004	0,011	0,138	FALSE
-0,105	0,318	-0,003	0,009	0,142	FALSE
0,031	0,299	0,001	0,006	0,035	FALSE
0,007	0,298	0,000	0,006	0,004	FALSE
0,088	0,304	0,003	0,012	0,094	FALSE
0,113	0,303	0,003	0,011	0,115	FALSE
0,047	0,321	0,001	0,008	0,047	FALSE
0,086	0,301	0,002	0,008	0,121	FALSE
0,026	0,306	0,000	0,006	0,021	FALSE
-0,074	0,313	-0,003	0,012	0,101	FALSE
-0,176	0,310	-0,006	0,011	0,239	FALSE
-0,093	0,295	-0,004	0,011	0,146	FALSE
0,122	0,306	0,007	0,012	0,227	FALSE
-0,035	0,314	-0,001	0,008	0,050	FALSE
-0,114	0,307	-0,003	0,007	0,156	FALSE
-0,104	0,312	-0,004	0,011	0,143	FALSE
0,042	0,317	0,001	0,011	0,031	FALSE
-0,010	0,319	0,000	0,010	0,012	FALSE
-0,095	0,302	-0,004	0,012	0,125	FALSE
-0,017	0,308	0,000	0,011	0,012	FALSE
-0,026	0,298	0,000	0,008	0,023	FALSE
-0,067	0,300	-0,002	0,008	0,080	FALSE
-0,149	0,314	-0,004	0,008	0,188	FALSE
-0,059	0,299	-0,001	0,007	0,075	FALSE
-0,049	0,306	-0,002	0,011	0,072	FALSE
0,048	0,316	0,001	0,007	0,067	FALSE
0,045	0,300	0,001	0,007	0,062	FALSE
0,017	0,292	0,000	0,008	0,009	FALSE
0,094	0,310	0,004	0,012	0,142	FALSE
-0,005	0,315	0,000	0,013	0,004	FALSE
-0,077	0,313	-0,003	0,011	0,094	FALSE
-0,074	0,299	-0,004	0,012	0,143	FALSE
0,003	0,300	0,000	0,009	0,011	FALSE
-0,022	0,298	0,000	0,010	0,014	FALSE

-0,077	0,317	-0,002	0,012	0,076	FALSE
-0,070	0,305	-0,002	0,013	0,063	FALSE
-0,056	0,307	-0,001	0,013	0,034	FALSE
0,025	0,308	0,001	0,007	0,029	FALSE
-0,054	0,288	-0,002	0,009	0,085	FALSE
0,085	0,309	0,003	0,009	0,117	FALSE
0,020	0,295	0,000	0,008	0,003	FALSE
0,051	0,302	0,001	0,008	0,050	FALSE
-0,012	0,292	-0,001	0,013	0,027	FALSE
-0,088	0,299	-0,002	0,008	0,112	FALSE
-0,015	0,313	0,000	0,007	0,024	FALSE
-0,015	0,318	0,000	0,008	0,020	FALSE
0,219	0,297	0,005	0,007	0,320	FALSE
0,111	0,288	0,004	0,011	0,133	FALSE
-0,006	0,312	0,000	0,008	0,014	FALSE
0,102	0,308	0,003	0,011	0,115	FALSE
0,021	0,308	0,000	0,007	0,007	FALSE
0,015	0,305	0,000	0,008	0,007	FALSE
0,113	0,301	0,003	0,007	0,144	FALSE
0,144	0,315	0,003	0,007	0,187	FALSE
-0,057	0,300	-0,001	0,010	0,050	FALSE
-0,036	0,302	-0,002	0,010	0,056	FALSE
0,097	0,302	0,003	0,011	0,118	FALSE
0,107	0,307	0,004	0,011	0,122	FALSE
0,161	0,305	0,006	0,013	0,196	FALSE
0,169	0,299	0,006	0,013	0,208	FALSE
0,030	0,311	0,001	0,007	0,035	FALSE
-0,008	0,327	0,000	0,012	0,014	FALSE
-0,094	0,306	-0,002	0,007	0,107	FALSE
-0,029	0,327	-0,001	0,010	0,038	FALSE
-0,054	0,299	-0,001	0,008	0,061	FALSE
0,135	0,293	0,005	0,011	0,205	FALSE
0,027	0,311	0,001	0,011	0,021	FALSE
-0,002	0,306	0,000	0,011	0,004	FALSE
-0,036	0,315	-0,001	0,011	0,020	FALSE
0,072	0,312	0,002	0,010	0,092	FALSE
-0,056	0,311	-0,002	0,013	0,066	FALSE
0,023	0,306	0,001	0,011	0,039	FALSE
0,122	0,309	0,004	0,009	0,186	FALSE
-0,071	0,316	-0,002	0,012	0,075	FALSE
0,015	0,313	0,001	0,012	0,016	FALSE
0,019	0,312	0,001	0,012	0,021	FALSE
0,131	0,297	0,004	0,009	0,172	FALSE
-0,049	0,319	-0,001	0,009	0,062	FALSE
0,134	0,302	0,004	0,009	0,167	FALSE
0,013	0,304	0,001	0,012	0,025	FALSE
-0,006	0,306	0,000	0,012	0,000	FALSE
0,055	0,308	0,002	0,012	0,063	FALSE
0,076	0,307	0,001	0,006	0,088	FALSE
0,054	0,309	0,002	0,012	0,068	FALSE
0,052	0,313	0,003	0,012	0,095	FALSE
-0,147	0,298	-0,005	0,011	0,164	FALSE
0,045	0,328	0,002	0,013	0,046	FALSE

-0,077	0,316	-0,004	0,011	0,120	FALSE
-0,053	0,307	-0,001	0,008	0,040	FALSE
0,058	0,297	0,002	0,011	0,073	FALSE
0,039	0,303	0,002	0,009	0,069	FALSE
-0,060	0,312	-0,002	0,009	0,060	FALSE
-0,058	0,319	-0,002	0,007	0,095	FALSE
0,099	0,304	0,002	0,007	0,130	FALSE
0,104	0,305	0,002	0,007	0,131	FALSE
-0,019	0,312	0,000	0,008	0,016	FALSE
-0,032	0,309	-0,002	0,013	0,054	FALSE
0,071	0,315	0,003	0,009	0,121	FALSE
0,062	0,299	0,003	0,009	0,110	FALSE
-0,036	0,311	-0,001	0,009	0,048	FALSE
-0,052	0,324	-0,002	0,008	0,070	FALSE
-0,011	0,299	0,000	0,011	0,010	FALSE
0,053	0,322	0,001	0,009	0,064	FALSE
-0,050	0,303	-0,001	0,006	0,073	FALSE
-0,039	0,301	-0,001	0,008	0,055	FALSE
-0,022	0,311	-0,001	0,008	0,035	FALSE
0,112	0,289	0,003	0,008	0,174	FALSE
0,012	0,308	0,000	0,012	0,001	FALSE
-0,005	0,296	0,000	0,010	0,010	FALSE
-0,027	0,300	0,000	0,011	0,014	FALSE
0,023	0,299	0,001	0,012	0,034	FALSE
-0,021	0,312	0,000	0,012	0,012	FALSE
0,104	0,302	0,003	0,008	0,142	FALSE
-0,116	0,311	-0,004	0,009	0,165	FALSE
0,007	0,302	-0,001	0,011	0,025	FALSE
0,134	0,308	0,006	0,012	0,192	FALSE
-0,038	0,300	-0,001	0,010	0,040	FALSE
0,117	0,301	0,005	0,011	0,177	FALSE
0,148	0,301	0,003	0,007	0,187	FALSE
-0,057	0,314	-0,002	0,013	0,070	FALSE
0,096	0,298	0,002	0,011	0,079	FALSE
0,135	0,314	0,003	0,007	0,166	FALSE
-0,018	0,311	0,000	0,010	0,003	FALSE
-0,029	0,297	-0,001	0,006	0,068	FALSE
-0,045	0,288	-0,001	0,010	0,051	FALSE
-0,036	0,309	-0,001	0,007	0,030	FALSE
0,010	0,311	0,000	0,013	0,006	FALSE
-0,071	0,306	-0,002	0,007	0,091	FALSE
-0,097	0,308	-0,003	0,010	0,119	FALSE
-0,147	0,301	-0,005	0,012	0,179	FALSE
0,047	0,306	0,002	0,010	0,071	FALSE
-0,053	0,297	-0,001	0,009	0,050	FALSE
0,057	0,301	0,003	0,011	0,086	FALSE
-0,153	0,302	-0,006	0,013	0,187	FALSE
-0,146	0,293	-0,005	0,012	0,175	FALSE
-0,190	0,300	-0,007	0,011	0,255	FALSE
-0,158	0,283	-0,003	0,006	0,182	FALSE
-0,215	0,297	-0,009	0,013	0,290	FALSE
-0,167	0,302	-0,007	0,013	0,222	FALSE
-0,011	0,307	0,000	0,007	0,007	FALSE

-0,095	0,294	-0,002	0,011	0,085	FALSE
-0,143	0,307	-0,004	0,012	0,143	FALSE
-0,059	0,312	-0,001	0,007	0,067	FALSE
-0,017	0,309	0,000	0,010	0,012	FALSE
-0,095	0,287	-0,002	0,008	0,105	FALSE
-0,077	0,310	-0,002	0,008	0,078	FALSE
-0,103	0,298	-0,004	0,011	0,155	FALSE
0,015	0,306	0,000	0,008	0,009	FALSE
0,034	0,309	0,001	0,007	0,030	FALSE
0,021	0,323	0,000	0,009	0,008	FALSE
0,041	0,305	0,001	0,013	0,038	FALSE
0,047	0,295	0,002	0,012	0,055	FALSE
0,050	0,294	0,002	0,012	0,045	FALSE
0,017	0,305	0,000	0,013	0,012	FALSE
-0,037	0,312	-0,002	0,013	0,043	FALSE
-0,050	0,302	-0,002	0,013	0,053	FALSE
0,184	0,304	0,004	0,007	0,288	FALSE
0,177	0,310	0,006	0,012	0,218	FALSE
-0,047	0,307	-0,001	0,007	0,037	FALSE
0,020	0,303	0,000	0,012	0,013	FALSE
-0,117	0,305	-0,003	0,012	0,108	FALSE
-0,042	0,310	-0,001	0,008	0,032	FALSE
-0,111	0,300	-0,003	0,013	0,093	FALSE
0,027	0,309	0,001	0,007	0,069	FALSE
0,026	0,304	0,000	0,008	0,012	FALSE
0,044	0,289	0,002	0,012	0,060	FALSE
0,093	0,307	0,003	0,009	0,121	FALSE
0,115	0,309	0,003	0,009	0,149	FALSE
0,038	0,316	0,001	0,007	0,042	FALSE
0,131	0,303	0,005	0,012	0,177	FALSE
0,100	0,301	0,004	0,012	0,143	FALSE
-0,120	0,305	-0,005	0,011	0,177	FALSE
0,089	0,311	0,003	0,010	0,115	FALSE
-0,042	0,316	-0,002	0,013	0,055	FALSE
-0,045	0,311	-0,001	0,006	0,057	FALSE
-0,084	0,309	-0,004	0,013	0,112	FALSE
-0,094	0,303	-0,004	0,012	0,128	FALSE
-0,015	0,309	-0,001	0,012	0,041	FALSE
0,018	0,298	0,002	0,012	0,056	FALSE
-0,102	0,309	-0,003	0,009	0,149	FALSE
0,125	0,312	0,006	0,013	0,180	FALSE
0,010	0,312	0,000	0,012	0,013	FALSE
-0,026	0,318	-0,001	0,009	0,033	FALSE
0,036	0,326	0,002	0,013	0,042	FALSE
-0,088	0,301	-0,004	0,013	0,117	FALSE
0,002	0,309	0,000	0,009	0,011	FALSE
0,064	0,312	0,002	0,008	0,087	FALSE
0,040	0,301	0,001	0,012	0,045	FALSE
-0,031	0,311	-0,001	0,007	0,032	FALSE
-0,008	0,306	0,000	0,010	0,000	FALSE
-0,002	0,294	0,000	0,009	0,006	FALSE
-0,005	0,310	0,000	0,007	0,001	FALSE
0,115	0,300	0,002	0,006	0,153	FALSE

0,096	0,306	0,003	0,010	0,132	FALSE
-0,079	0,295	-0,002	0,008	0,101	FALSE
-0,076	0,299	-0,002	0,008	0,092	FALSE
-0,088	0,309	-0,003	0,009	0,117	FALSE
-0,099	0,289	-0,003	0,008	0,139	FALSE
0,041	0,299	0,001	0,012	0,034	FALSE
0,049	0,299	0,001	0,009	0,036	FALSE
0,046	0,292	0,001	0,011	0,036	FALSE
0,027	0,318	0,001	0,007	0,030	FALSE
-0,071	0,301	-0,003	0,008	0,136	FALSE
-0,064	0,305	-0,002	0,009	0,111	FALSE
-0,082	0,303	-0,001	0,006	0,083	FALSE
0,058	0,301	0,001	0,009	0,056	FALSE
0,075	0,298	0,002	0,009	0,103	FALSE
0,105	0,295	0,004	0,012	0,141	FALSE
0,044	0,311	0,001	0,008	0,060	FALSE
-0,169	0,301	-0,006	0,010	0,238	FALSE
0,007	0,306	0,000	0,011	0,016	FALSE
0,066	0,296	0,002	0,007	0,104	FALSE
0,132	0,301	0,004	0,007	0,242	FALSE
-0,047	0,298	-0,001	0,013	0,038	FALSE
0,070	0,317	0,002	0,009	0,073	FALSE
-0,002	0,308	0,000	0,008	0,014	FALSE
-0,049	0,322	-0,001	0,010	0,051	FALSE
-0,022	0,318	-0,001	0,010	0,021	FALSE
-0,042	0,319	-0,001	0,009	0,051	FALSE
-0,036	0,300	-0,001	0,009	0,042	FALSE
-0,049	0,314	-0,001	0,009	0,060	FALSE
-0,061	0,305	-0,001	0,007	0,081	FALSE
0,025	0,298	0,001	0,012	0,027	FALSE
0,065	0,318	0,003	0,012	0,081	FALSE
0,094	0,305	0,004	0,012	0,123	FALSE
-0,007	0,303	0,000	0,008	0,009	FALSE
-0,052	0,278	-0,002	0,008	0,075	FALSE
0,025	0,305	0,001	0,009	0,032	FALSE
-0,045	0,304	-0,003	0,012	0,084	FALSE
0,037	0,307	0,002	0,010	0,065	FALSE
0,049	0,307	0,003	0,012	0,091	FALSE
-0,019	0,302	-0,001	0,012	0,041	FALSE
-0,036	0,320	-0,002	0,013	0,064	FALSE
0,004	0,318	0,000	0,007	0,006	FALSE
-0,025	0,306	0,000	0,008	0,003	FALSE
-0,043	0,313	-0,002	0,013	0,050	FALSE
0,007	0,304	0,000	0,009	0,005	FALSE
0,172	0,289	0,008	0,013	0,265	FALSE
0,056	0,310	0,002	0,009	0,063	FALSE
-0,087	0,303	-0,003	0,011	0,088	FALSE
-0,027	0,311	0,000	0,008	0,017	FALSE
-0,089	0,288	-0,003	0,010	0,116	FALSE
-0,112	0,294	-0,003	0,009	0,162	FALSE
0,028	0,314	0,001	0,007	0,030	FALSE
0,043	0,303	0,002	0,009	0,068	FALSE
-0,064	0,300	-0,003	0,011	0,094	FALSE

-0,006	0,298	0,000	0,012	0,001	FALSE
0,005	0,285	0,000	0,011	0,005	FALSE
-0,059	0,296	-0,003	0,012	0,091	FALSE
-0,036	0,301	-0,001	0,009	0,043	FALSE
-0,091	0,307	-0,004	0,011	0,144	FALSE
-0,084	0,296	-0,004	0,012	0,135	FALSE
-0,105	0,289	-0,005	0,012	0,170	FALSE
0,069	0,326	0,003	0,012	0,089	FALSE
0,097	0,293	0,004	0,012	0,129	FALSE
0,129	0,309	0,005	0,012	0,164	FALSE
0,171	0,310	0,007	0,012	0,229	FALSE
-0,119	0,308	-0,005	0,012	0,152	FALSE
-0,133	0,306	-0,005	0,012	0,178	FALSE
-0,136	0,301	-0,006	0,012	0,196	FALSE
-0,044	0,320	-0,002	0,013	0,055	FALSE
-0,027	0,322	0,000	0,007	0,007	FALSE
0,112	0,313	0,003	0,006	0,185	FALSE
-0,002	0,308	-0,001	0,009	0,022	FALSE
-0,055	0,296	-0,002	0,010	0,094	FALSE
0,013	0,295	0,000	0,007	0,013	FALSE
-0,074	0,306	-0,003	0,011	0,094	FALSE
-0,079	0,278	-0,003	0,010	0,100	FALSE
0,069	0,315	0,003	0,013	0,078	FALSE
0,044	0,312	0,002	0,011	0,068	FALSE
-0,125	0,282	-0,002	0,007	0,133	FALSE
0,088	0,312	0,003	0,011	0,109	FALSE
-0,035	0,317	-0,001	0,009	0,047	FALSE
-0,058	0,311	-0,002	0,008	0,080	FALSE
-0,013	0,306	0,000	0,013	0,007	FALSE
0,005	0,323	0,001	0,013	0,014	FALSE
0,013	0,312	0,000	0,013	0,006	FALSE
0,012	0,312	0,001	0,011	0,019	FALSE
-0,012	0,309	-0,001	0,009	0,040	FALSE
0,074	0,317	0,002	0,010	0,091	FALSE
-0,039	0,302	0,000	0,007	0,007	FALSE
0,050	0,299	0,002	0,009	0,068	FALSE
0,070	0,294	0,002	0,009	0,096	FALSE
-0,016	0,311	0,000	0,011	0,006	FALSE
-0,007	0,316	-0,001	0,012	0,015	FALSE
0,003	0,317	-0,001	0,012	0,017	FALSE
-0,004	0,305	0,000	0,007	0,011	FALSE
-0,061	0,320	-0,001	0,009	0,057	FALSE
-0,051	0,299	-0,002	0,012	0,077	FALSE
-0,129	0,314	-0,004	0,010	0,174	FALSE
-0,103	0,300	-0,004	0,012	0,137	FALSE
0,052	0,314	0,002	0,010	0,088	FALSE
-0,020	0,305	-0,001	0,012	0,018	FALSE
-0,002	0,306	0,001	0,007	0,034	FALSE
0,086	0,301	0,003	0,011	0,125	FALSE
-0,019	0,316	0,000	0,006	0,008	FALSE
-0,058	0,315	-0,002	0,013	0,064	FALSE
-0,022	0,314	-0,001	0,008	0,038	FALSE
-0,004	0,301	0,000	0,012	0,010	FALSE

-0,012	0,314	0,000	0,010	0,002	FALSE
-0,052	0,309	-0,002	0,009	0,080	FALSE
-0,057	0,290	-0,001	0,009	0,049	FALSE
0,000	0,296	0,000	0,010	0,012	FALSE
-0,049	0,291	-0,002	0,009	0,059	FALSE
-0,021	0,289	0,000	0,009	0,011	FALSE
-0,041	0,295	-0,001	0,009	0,037	FALSE
-0,053	0,302	-0,001	0,010	0,048	FALSE
0,035	0,308	0,001	0,007	0,049	FALSE
-0,054	0,306	-0,002	0,013	0,073	FALSE
0,029	0,302	0,001	0,010	0,035	FALSE
0,017	0,319	0,000	0,007	0,024	FALSE
0,066	0,308	0,001	0,008	0,068	FALSE
0,012	0,298	-0,001	0,012	0,025	FALSE
-0,051	0,309	-0,002	0,012	0,048	FALSE
0,081	0,313	0,002	0,007	0,116	FALSE
0,156	0,298	0,006	0,011	0,223	FALSE
0,007	0,321	0,000	0,010	0,003	FALSE
-0,014	0,309	-0,001	0,009	0,026	FALSE
-0,061	0,288	-0,001	0,007	0,070	FALSE
0,011	0,312	0,000	0,008	0,002	FALSE
0,012	0,298	0,001	0,011	0,035	FALSE
0,074	0,301	0,002	0,009	0,100	FALSE
0,100	0,316	0,004	0,011	0,142	FALSE
-0,093	0,299	-0,002	0,007	0,116	FALSE
0,011	0,299	0,000	0,011	0,008	FALSE
-0,096	0,311	-0,003	0,012	0,114	FALSE
-0,126	0,312	-0,004	0,008	0,186	FALSE
-0,014	0,311	-0,001	0,013	0,022	FALSE
0,016	0,309	0,001	0,007	0,041	FALSE
0,058	0,301	0,002	0,010	0,072	FALSE
0,022	0,316	0,001	0,009	0,038	FALSE
-0,147	0,301	-0,005	0,011	0,210	FALSE
-0,001	0,296	0,000	0,006	0,024	FALSE
-0,165	0,304	-0,005	0,009	0,261	FALSE
0,166	0,302	0,007	0,012	0,249	FALSE
-0,008	0,302	0,000	0,012	0,006	FALSE
0,213	0,293	0,007	0,010	0,311	FALSE
0,026	0,310	0,001	0,011	0,029	FALSE
-0,034	0,301	-0,002	0,011	0,067	FALSE
0,002	0,311	0,000	0,012	0,006	FALSE
-0,008	0,305	0,000	0,010	0,010	FALSE
0,031	0,307	0,001	0,012	0,032	FALSE
-0,106	0,308	-0,002	0,007	0,135	FALSE
-0,061	0,320	-0,001	0,007	0,072	FALSE
0,006	0,312	0,000	0,012	0,014	FALSE
0,040	0,309	0,001	0,009	0,055	FALSE
0,012	0,301	0,001	0,012	0,031	FALSE
-0,105	0,305	-0,003	0,009	0,140	FALSE
-0,015	0,311	0,000	0,008	0,002	FALSE
0,027	0,315	0,001	0,007	0,032	FALSE
0,018	0,306	0,002	0,011	0,059	FALSE
0,042	0,313	0,002	0,012	0,051	FALSE

0,053	0,310	0,003	0,012	0,082	FALSE
0,039	0,298	0,001	0,007	0,059	FALSE
-0,040	0,304	-0,002	0,010	0,069	FALSE
0,081	0,299	0,002	0,009	0,073	FALSE
-0,002	0,322	0,000	0,011	0,010	FALSE
-0,061	0,324	-0,002	0,010	0,083	FALSE
0,076	0,304	0,002	0,008	0,091	FALSE
0,128	0,312	0,005	0,011	0,185	FALSE
-0,065	0,306	-0,002	0,007	0,100	FALSE
-0,042	0,314	-0,002	0,010	0,068	FALSE
-0,058	0,322	-0,003	0,013	0,080	FALSE
-0,041	0,307	-0,001	0,012	0,032	FALSE
0,033	0,317	0,001	0,013	0,019	FALSE
0,166	0,309	0,005	0,009	0,239	FALSE
-0,119	0,306	-0,004	0,011	0,142	FALSE
0,044	0,301	0,002	0,007	0,113	FALSE
-0,041	0,296	-0,001	0,013	0,033	FALSE
0,017	0,304	0,002	0,013	0,047	FALSE
-0,084	0,296	-0,003	0,012	0,077	FALSE
-0,136	0,306	-0,004	0,009	0,192	FALSE
-0,005	0,310	0,000	0,013	0,002	FALSE
-0,014	0,301	-0,001	0,012	0,020	FALSE
0,097	0,303	0,003	0,011	0,099	FALSE
0,111	0,302	0,003	0,007	0,175	FALSE
0,133	0,295	0,004	0,007	0,234	FALSE
0,022	0,294	0,001	0,010	0,039	FALSE
-0,065	0,309	-0,002	0,010	0,079	FALSE
0,022	0,311	0,001	0,012	0,027	FALSE
-0,091	0,295	-0,003	0,011	0,108	FALSE
-0,046	0,300	-0,001	0,012	0,039	FALSE
-0,014	0,309	0,000	0,007	0,002	FALSE
-0,219	0,295	-0,006	0,008	0,363	FALSE
0,060	0,309	0,002	0,010	0,077	FALSE
-0,026	0,306	-0,001	0,010	0,023	FALSE
-0,023	0,324	-0,001	0,009	0,039	FALSE
0,033	0,301	0,001	0,010	0,056	FALSE
0,050	0,297	0,001	0,007	0,070	FALSE
0,067	0,293	0,002	0,006	0,099	FALSE
0,043	0,301	0,001	0,007	0,067	FALSE
0,050	0,313	0,001	0,008	0,050	FALSE
-0,089	0,291	-0,001	0,006	0,089	FALSE
0,020	0,307	0,000	0,007	0,017	FALSE
0,099	0,308	0,003	0,011	0,099	TRUE
-0,143	0,304	-0,003	0,007	0,193	FALSE
0,079	0,303	0,004	0,012	0,149	FALSE
-0,203	0,299	-0,005	0,007	0,315	FALSE
0,099	0,313	0,003	0,011	0,117	FALSE
0,080	0,322	0,003	0,011	0,093	FALSE
0,111	0,314	0,004	0,010	0,144	FALSE
0,110	0,309	0,004	0,010	0,139	FALSE
0,086	0,310	0,003	0,010	0,111	FALSE
0,110	0,290	0,003	0,010	0,138	FALSE
-0,045	0,309	-0,001	0,012	0,044	FALSE

-0,072	0,296	-0,002	0,009	0,073	FALSE
-0,018	0,303	0,000	0,007	0,014	FALSE
-0,086	0,306	-0,002	0,006	0,111	FALSE
-0,057	0,302	-0,001	0,008	0,066	FALSE
0,115	0,312	0,004	0,010	0,149	FALSE
0,020	0,314	0,000	0,013	0,003	FALSE
-0,080	0,318	-0,002	0,006	0,107	FALSE
-0,031	0,312	-0,001	0,011	0,036	FALSE
0,127	0,311	0,003	0,007	0,183	FALSE
-0,168	0,309	-0,004	0,008	0,218	FALSE
0,134	0,301	0,006	0,013	0,202	FALSE
-0,071	0,303	-0,003	0,010	0,101	FALSE
0,136	0,305	0,003	0,007	0,168	FALSE
0,083	0,310	0,003	0,012	0,112	FALSE
0,139	0,302	0,004	0,008	0,204	FALSE
0,079	0,309	0,003	0,011	0,096	FALSE
0,061	0,305	0,002	0,012	0,075	FALSE
0,053	0,311	0,002	0,013	0,058	FALSE
0,089	0,305	0,003	0,012	0,094	FALSE
0,026	0,304	0,001	0,011	0,031	FALSE
-0,025	0,315	-0,001	0,008	0,029	FALSE
-0,106	0,289	-0,004	0,012	0,134	FALSE
-0,079	0,293	-0,003	0,012	0,097	FALSE
0,097	0,289	0,004	0,012	0,124	FALSE
-0,094	0,287	-0,003	0,012	0,114	FALSE
-0,001	0,297	0,000	0,007	0,018	FALSE
0,042	0,311	0,002	0,008	0,074	FALSE
0,039	0,337	0,002	0,014	0,051	FALSE
0,166	0,309	0,007	0,013	0,221	FALSE
-0,154	0,302	-0,006	0,010	0,248	FALSE
-0,130	0,311	-0,005	0,010	0,200	FALSE
-0,069	0,306	-0,002	0,009	0,085	FALSE
-0,011	0,309	-0,001	0,010	0,019	FALSE
-0,027	0,297	-0,001	0,009	0,026	FALSE
0,058	0,314	0,001	0,007	0,073	FALSE
0,116	0,306	0,003	0,007	0,163	FALSE
0,042	0,314	0,002	0,010	0,056	FALSE
-0,036	0,315	-0,001	0,008	0,043	FALSE
-0,100	0,312	-0,004	0,011	0,131	FALSE
-0,035	0,316	-0,001	0,011	0,032	FALSE
0,086	0,304	0,002	0,008	0,126	FALSE
-0,056	0,319	-0,002	0,012	0,068	FALSE
-0,074	0,324	-0,002	0,009	0,090	FALSE
-0,009	0,297	-0,001	0,012	0,015	FALSE
0,062	0,308	0,001	0,007	0,073	FALSE
-0,002	0,313	0,000	0,011	0,014	FALSE
0,144	0,304	0,003	0,007	0,202	FALSE
0,045	0,303	0,002	0,009	0,087	FALSE
-0,056	0,302	-0,002	0,009	0,082	FALSE
0,094	0,309	0,003	0,012	0,108	FALSE
-0,072	0,295	-0,002	0,010	0,076	FALSE
-0,030	0,293	-0,001	0,006	0,065	FALSE
-0,031	0,303	-0,001	0,008	0,039	FALSE

0,100	0,304	0,003	0,012	0,110	FALSE
0,148	0,307	0,005	0,010	0,211	FALSE
-0,071	0,321	-0,003	0,013	0,078	FALSE
0,058	0,308	0,002	0,010	0,065	FALSE
0,112	0,312	0,004	0,013	0,130	FALSE
-0,061	0,302	-0,001	0,007	0,074	FALSE
-0,098	0,299	-0,002	0,007	0,136	FALSE
-0,094	0,313	-0,002	0,008	0,096	FALSE
-0,138	0,305	-0,004	0,009	0,182	FALSE
-0,065	0,312	-0,002	0,007	0,098	FALSE
0,042	0,298	0,002	0,009	0,076	FALSE
-0,035	0,294	-0,001	0,006	0,028	FALSE
0,067	0,301	0,003	0,012	0,084	FALSE
0,017	0,316	0,000	0,012	0,011	FALSE
-0,004	0,301	-0,001	0,007	0,038	FALSE
-0,062	0,297	-0,002	0,010	0,094	FALSE
0,039	0,313	0,001	0,010	0,049	FALSE
-0,026	0,310	-0,001	0,011	0,021	FALSE
-0,014	0,304	0,000	0,006	0,006	FALSE
0,032	0,312	0,001	0,013	0,019	FALSE
0,049	0,316	0,002	0,014	0,043	FALSE
0,116	0,292	0,005	0,013	0,168	FALSE
-0,118	0,302	-0,005	0,009	0,199	FALSE
-0,032	0,316	-0,001	0,011	0,039	FALSE
-0,017	0,314	-0,001	0,011	0,025	FALSE
-0,011	0,309	-0,001	0,008	0,049	FALSE
-0,102	0,297	-0,003	0,009	0,134	FALSE
-0,039	0,317	-0,001	0,007	0,035	FALSE
0,080	0,299	0,003	0,011	0,111	FALSE
0,057	0,307	0,002	0,013	0,068	FALSE
0,081	0,318	0,003	0,013	0,075	FALSE
-0,013	0,300	-0,001	0,011	0,044	FALSE
-0,041	0,309	-0,003	0,012	0,080	FALSE
-0,036	0,309	-0,002	0,010	0,068	FALSE
0,010	0,311	-0,001	0,011	0,017	FALSE
-0,057	0,308	-0,002	0,012	0,072	FALSE
0,067	0,307	0,002	0,008	0,084	FALSE
0,050	0,302	0,001	0,008	0,063	FALSE
-0,043	0,305	-0,002	0,009	0,071	FALSE
0,081	0,305	0,002	0,007	0,096	FALSE
-0,067	0,296	-0,003	0,012	0,079	FALSE
0,073	0,313	0,002	0,008	0,077	FALSE
0,095	0,323	0,002	0,009	0,096	FALSE
-0,019	0,311	-0,001	0,012	0,025	FALSE
-0,098	0,307	-0,004	0,013	0,120	FALSE
0,035	0,300	0,001	0,006	0,077	FALSE
-0,141	0,310	-0,003	0,007	0,160	FALSE
-0,137	0,317	-0,004	0,010	0,188	FALSE
0,215	0,290	0,009	0,012	0,336	FALSE
-0,027	0,313	-0,002	0,013	0,062	FALSE
0,081	0,309	0,003	0,009	0,139	FALSE
0,080	0,296	0,003	0,008	0,142	FALSE
-0,097	0,306	-0,004	0,010	0,143	FALSE

0,076	0,302	0,003	0,008	0,132	FALSE
0,149	0,301	0,004	0,006	0,257	FALSE
0,111	0,316	0,003	0,007	0,178	FALSE
0,113	0,305	0,003	0,007	0,199	FALSE
-0,034	0,316	-0,001	0,008	0,063	FALSE
0,071	0,310	0,003	0,012	0,104	FALSE
-0,003	0,311	0,000	0,009	0,002	FALSE
0,067	0,301	0,003	0,011	0,098	FALSE
0,065	0,305	0,001	0,008	0,052	FALSE
0,081	0,307	0,002	0,008	0,084	FALSE
0,054	0,297	0,002	0,012	0,072	FALSE
-0,020	0,307	-0,001	0,012	0,034	FALSE
0,028	0,301	0,000	0,010	0,017	FALSE
0,045	0,301	0,002	0,011	0,055	FALSE
-0,004	0,318	-0,001	0,011	0,018	FALSE
-0,023	0,301	-0,001	0,008	0,054	FALSE
0,013	0,310	0,000	0,008	0,021	FALSE
-0,042	0,301	-0,001	0,009	0,030	FALSE
-0,113	0,303	-0,002	0,007	0,143	FALSE
0,070	0,305	0,002	0,008	0,114	FALSE
-0,079	0,291	-0,003	0,011	0,106	FALSE
0,080	0,309	0,003	0,010	0,106	FALSE
-0,033	0,316	-0,002	0,012	0,057	FALSE
0,066	0,303	0,001	0,007	0,075	FALSE
-0,067	0,294	-0,003	0,013	0,084	FALSE
-0,036	0,314	-0,001	0,009	0,025	FALSE
0,037	0,289	0,002	0,008	0,077	FALSE
-0,029	0,312	0,000	0,007	0,022	FALSE
0,033	0,305	0,001	0,008	0,029	FALSE
0,067	0,300	0,001	0,007	0,071	FALSE
0,077	0,295	0,002	0,007	0,096	FALSE
-0,039	0,318	-0,001	0,009	0,037	FALSE
0,031	0,295	0,002	0,012	0,065	FALSE
0,035	0,303	0,001	0,008	0,071	FALSE
0,008	0,300	0,001	0,010	0,026	FALSE
0,036	0,303	0,002	0,011	0,070	FALSE
-0,049	0,317	-0,001	0,007	0,066	FALSE
-0,055	0,312	-0,002	0,011	0,064	FALSE
-0,003	0,311	0,000	0,011	0,010	FALSE
0,008	0,315	0,000	0,012	0,007	FALSE
-0,013	0,310	0,000	0,009	0,013	FALSE
0,070	0,295	0,002	0,008	0,080	FALSE
-0,085	0,316	-0,003	0,011	0,101	FALSE
0,076	0,311	0,003	0,012	0,101	FALSE
0,072	0,303	0,004	0,013	0,110	FALSE
0,207	0,309	0,004	0,006	0,296	FALSE
-0,073	0,299	-0,002	0,008	0,077	FALSE
-0,047	0,293	-0,001	0,010	0,044	FALSE
-0,026	0,317	-0,001	0,008	0,053	FALSE
0,023	0,318	0,001	0,008	0,036	FALSE
0,093	0,305	0,003	0,011	0,125	FALSE
-0,005	0,306	0,000	0,007	0,009	FALSE
-0,016	0,311	0,000	0,011	0,012	FALSE

-0,036	0,311	-0,001	0,013	0,039	FALSE
0,021	0,307	0,001	0,007	0,028	FALSE
0,034	0,315	0,002	0,011	0,052	FALSE
0,057	0,318	0,001	0,009	0,055	FALSE
0,084	0,301	0,003	0,011	0,096	FALSE
0,126	0,303	0,004	0,008	0,196	FALSE
0,006	0,302	0,001	0,008	0,027	FALSE
0,013	0,311	0,000	0,009	0,009	FALSE
-0,035	0,301	-0,001	0,009	0,050	FALSE
0,172	0,311	0,007	0,013	0,227	FALSE
0,131	0,314	0,004	0,009	0,159	FALSE
0,197	0,287	0,008	0,012	0,292	FALSE
0,065	0,307	0,002	0,009	0,067	FALSE
0,051	0,307	0,002	0,008	0,069	FALSE
0,049	0,312	0,001	0,008	0,056	FALSE
-0,004	0,296	-0,001	0,013	0,019	FALSE
0,049	0,302	0,001	0,011	0,045	FALSE
0,028	0,309	0,001	0,011	0,030	FALSE
0,054	0,305	0,002	0,013	0,061	FALSE
0,021	0,304	0,001	0,010	0,041	FALSE
0,078	0,304	0,002	0,008	0,083	FALSE
-0,059	0,303	-0,002	0,010	0,083	FALSE
0,067	0,310	0,002	0,007	0,099	FALSE
-0,139	0,291	-0,006	0,012	0,227	FALSE
-0,006	0,310	0,000	0,008	0,005	FALSE
-0,050	0,319	-0,001	0,007	0,032	FALSE
-0,013	0,312	0,000	0,010	0,003	FALSE
-0,064	0,301	-0,003	0,012	0,091	FALSE
-0,058	0,300	-0,001	0,006	0,055	FALSE
-0,048	0,305	-0,001	0,007	0,051	FALSE
-0,050	0,310	-0,001	0,007	0,044	FALSE
0,024	0,317	0,001	0,013	0,014	FALSE
-0,013	0,314	0,000	0,013	0,011	FALSE
0,094	0,312	0,002	0,008	0,097	FALSE
0,120	0,311	0,005	0,013	0,154	FALSE
0,169	0,305	0,004	0,008	0,234	FALSE
-0,062	0,315	-0,003	0,010	0,114	FALSE
0,139	0,299	0,005	0,013	0,170	FALSE
-0,070	0,305	-0,002	0,010	0,088	FALSE
-0,051	0,322	-0,002	0,010	0,074	FALSE
-0,040	0,311	-0,001	0,009	0,050	FALSE
0,013	0,304	0,000	0,007	0,023	FALSE
0,009	0,300	0,000	0,009	0,014	FALSE
0,003	0,321	0,000	0,010	0,000	FALSE
0,016	0,312	0,001	0,009	0,029	FALSE
0,023	0,318	0,001	0,012	0,034	FALSE
-0,130	0,300	-0,003	0,006	0,191	FALSE
-0,101	0,312	-0,004	0,012	0,126	FALSE
0,073	0,307	0,002	0,006	0,100	FALSE
0,080	0,301	0,003	0,012	0,104	FALSE
0,000	0,305	-0,001	0,010	0,018	FALSE
0,023	0,315	0,000	0,013	0,013	FALSE
0,094	0,313	0,004	0,013	0,106	FALSE

-0,018	0,302	-0,002	0,012	0,060	FALSE
0,031	0,308	0,001	0,013	0,039	FALSE
0,007	0,314	0,000	0,007	0,002	FALSE
-0,011	0,303	0,000	0,012	0,003	FALSE
0,038	0,305	0,000	0,009	0,000	FALSE
0,014	0,303	0,001	0,012	0,030	FALSE
-0,030	0,301	-0,001	0,011	0,049	FALSE
-0,070	0,313	-0,002	0,009	0,089	FALSE
0,058	0,312	0,002	0,010	0,086	FALSE
0,029	0,316	0,001	0,011	0,030	FALSE
-0,015	0,318	-0,001	0,010	0,030	FALSE
0,065	0,312	0,002	0,009	0,068	FALSE
-0,050	0,301	-0,001	0,013	0,043	FALSE
-0,085	0,318	-0,003	0,009	0,121	FALSE
-0,102	0,305	-0,003	0,008	0,138	FALSE
0,046	0,309	0,001	0,006	0,088	FALSE
0,068	0,296	0,002	0,012	0,067	FALSE
-0,019	0,318	-0,001	0,009	0,046	FALSE
0,098	0,287	0,003	0,007	0,136	FALSE
0,008	0,310	0,000	0,010	0,005	FALSE
-0,051	0,304	0,000	0,009	0,011	FALSE
-0,014	0,315	-0,001	0,012	0,026	FALSE
-0,020	0,304	-0,001	0,011	0,035	FALSE
0,201	0,292	0,008	0,011	0,315	FALSE
-0,165	0,312	-0,006	0,012	0,222	FALSE
0,219	0,285	0,008	0,011	0,351	FALSE
-0,103	0,300	-0,003	0,007	0,170	FALSE
-0,080	0,294	-0,002	0,008	0,110	FALSE
0,046	0,303	0,001	0,007	0,060	FALSE
-0,084	0,304	-0,002	0,007	0,091	FALSE
0,017	0,305	0,000	0,009	0,015	FALSE
-0,005	0,289	0,000	0,007	0,002	FALSE
0,036	0,303	0,001	0,007	0,065	FALSE
-0,013	0,317	-0,001	0,009	0,021	FALSE
-0,068	0,303	-0,003	0,011	0,097	FALSE
-0,111	0,305	-0,004	0,011	0,162	FALSE
-0,077	0,311	-0,003	0,011	0,090	FALSE
-0,176	0,297	-0,005	0,010	0,214	FALSE
-0,058	0,302	-0,002	0,012	0,072	FALSE
-0,123	0,306	-0,005	0,012	0,161	FALSE
0,020	0,313	0,001	0,013	0,019	FALSE
0,014	0,306	0,000	0,012	0,013	FALSE
-0,125	0,296	-0,005	0,011	0,163	FALSE
-0,118	0,307	-0,004	0,011	0,153	FALSE
-0,003	0,297	-0,001	0,013	0,027	FALSE
-0,076	0,285	-0,002	0,007	0,125	FALSE
0,017	0,297	0,000	0,013	0,007	FALSE
-0,033	0,313	-0,001	0,013	0,041	FALSE
0,100	0,309	0,003	0,010	0,113	FALSE
0,075	0,311	0,002	0,007	0,085	FALSE
-0,058	0,309	-0,002	0,009	0,079	FALSE
0,027	0,313	0,000	0,010	0,008	FALSE
0,045	0,314	0,001	0,008	0,025	FALSE

0,069	0,336	0,001	0,008	0,058	FALSE
-0,011	0,324	0,000	0,013	0,010	FALSE
0,091	0,315	0,003	0,009	0,119	FALSE
0,036	0,315	0,002	0,010	0,057	FALSE
-0,010	0,318	0,000	0,006	0,003	FALSE
-0,016	0,308	0,000	0,006	0,003	FALSE
-0,027	0,313	-0,001	0,007	0,038	FALSE
0,022	0,297	-0,001	0,011	0,040	FALSE
0,052	0,307	0,002	0,008	0,073	FALSE
-0,002	0,299	0,000	0,008	0,003	FALSE
-0,029	0,301	-0,002	0,010	0,068	FALSE
-0,105	0,289	-0,005	0,011	0,180	FALSE
0,195	0,307	0,008	0,013	0,265	FALSE
0,033	0,311	0,001	0,011	0,032	FALSE
-0,153	0,296	-0,004	0,008	0,228	FALSE
-0,002	0,312	-0,001	0,012	0,015	FALSE
-0,019	0,300	-0,001	0,012	0,031	FALSE
0,021	0,311	0,001	0,012	0,021	FALSE
-0,079	0,301	-0,002	0,009	0,067	FALSE
-0,068	0,326	-0,003	0,013	0,089	FALSE
0,081	0,321	0,002	0,010	0,091	FALSE
0,042	0,300	0,001	0,010	0,043	FALSE
0,015	0,303	0,000	0,007	0,003	FALSE
-0,024	0,302	-0,001	0,012	0,021	FALSE
-0,017	0,299	-0,001	0,012	0,021	FALSE
-0,036	0,324	-0,002	0,010	0,054	FALSE
0,016	0,311	0,001	0,009	0,028	FALSE
-0,031	0,314	-0,001	0,008	0,037	FALSE
0,146	0,309	0,004	0,009	0,203	FALSE
0,154	0,302	0,004	0,008	0,201	FALSE
-0,007	0,294	-0,001	0,008	0,040	FALSE
-0,038	0,295	-0,001	0,008	0,038	FALSE
-0,127	0,311	-0,005	0,013	0,149	FALSE
0,252	0,296	0,007	0,008	0,386	FALSE
-0,062	0,296	-0,003	0,012	0,102	FALSE
0,057	0,287	0,003	0,012	0,081	FALSE
-0,076	0,313	-0,003	0,013	0,101	FALSE
0,109	0,308	0,003	0,008	0,161	FALSE
-0,029	0,316	-0,001	0,012	0,040	FALSE
-0,032	0,304	-0,001	0,012	0,041	FALSE
-0,030	0,314	-0,001	0,007	0,037	FALSE
-0,020	0,319	-0,001	0,012	0,033	FALSE
-0,099	0,323	-0,003	0,009	0,139	FALSE
-0,056	0,308	-0,002	0,009	0,088	FALSE
0,063	0,308	0,002	0,008	0,088	FALSE
-0,051	0,308	-0,001	0,007	0,053	FALSE
-0,049	0,307	-0,001	0,008	0,062	FALSE
-0,015	0,320	-0,001	0,009	0,021	FALSE
-0,124	0,297	-0,003	0,009	0,151	FALSE
-0,016	0,319	-0,001	0,009	0,027	FALSE
-0,107	0,319	-0,004	0,013	0,115	FALSE
0,008	0,308	0,000	0,008	0,006	FALSE
0,083	0,307	0,002	0,007	0,124	FALSE

0,001	0,314	-0,001	0,012	0,017	FALSE
0,021	0,297	0,000	0,012	0,001	FALSE
-0,041	0,310	-0,002	0,010	0,088	FALSE
0,014	0,311	0,000	0,008	0,021	FALSE
0,058	0,302	0,002	0,008	0,095	FALSE
-0,013	0,311	0,000	0,008	0,014	FALSE
0,111	0,300	0,004	0,010	0,164	FALSE
0,082	0,303	0,003	0,009	0,119	FALSE
-0,044	0,310	-0,001	0,008	0,035	FALSE
0,043	0,311	0,002	0,013	0,047	FALSE
-0,060	0,304	-0,002	0,008	0,086	FALSE
-0,084	0,310	-0,002	0,009	0,109	FALSE
0,043	0,307	0,001	0,006	0,093	FALSE
0,139	0,290	0,004	0,008	0,203	FALSE
-0,018	0,325	-0,001	0,009	0,038	FALSE
0,065	0,311	0,002	0,006	0,119	FALSE
0,041	0,318	0,001	0,010	0,046	FALSE
-0,070	0,299	-0,001	0,006	0,078	FALSE
0,075	0,295	0,002	0,011	0,085	FALSE
0,134	0,320	0,005	0,013	0,166	FALSE
0,087	0,323	0,003	0,011	0,101	FALSE
0,012	0,308	0,000	0,007	0,023	FALSE
-0,132	0,314	-0,006	0,013	0,188	FALSE
-0,016	0,312	-0,001	0,013	0,026	FALSE
-0,007	0,303	-0,001	0,012	0,017	FALSE
-0,025	0,328	-0,001	0,013	0,039	FALSE
0,002	0,301	0,001	0,011	0,042	FALSE
0,064	0,311	0,002	0,011	0,076	FALSE
0,166	0,311	0,004	0,008	0,209	FALSE
0,033	0,312	0,002	0,010	0,072	FALSE
-0,073	0,301	-0,003	0,010	0,103	FALSE
-0,007	0,313	0,001	0,010	0,023	FALSE
0,055	0,317	0,001	0,013	0,038	FALSE
0,001	0,321	0,000	0,010	0,010	FALSE
-0,043	0,316	-0,001	0,010	0,043	FALSE
0,075	0,308	0,002	0,012	0,059	FALSE
-0,113	0,312	-0,003	0,008	0,138	FALSE
0,059	0,307	0,003	0,012	0,088	FALSE
0,203	0,308	0,004	0,007	0,274	FALSE
0,187	0,299	0,005	0,009	0,281	FALSE
0,170	0,296	0,005	0,008	0,247	FALSE
0,197	0,308	0,005	0,009	0,273	FALSE
0,182	0,297	0,005	0,008	0,261	FALSE
-0,071	0,313	-0,003	0,011	0,093	FALSE
-0,017	0,308	0,000	0,008	0,007	FALSE
0,038	0,314	0,001	0,008	0,064	FALSE
-0,012	0,300	-0,002	0,011	0,066	FALSE
-0,006	0,300	-0,002	0,011	0,066	FALSE
0,039	0,296	0,000	0,011	0,003	FALSE
0,030	0,315	0,000	0,007	0,025	FALSE
0,066	0,307	0,002	0,006	0,120	FALSE
0,066	0,304	0,002	0,009	0,081	FALSE
0,074	0,311	0,002	0,007	0,128	FALSE

0,013	0,310	0,001	0,012	0,044	FALSE
0,073	0,305	0,002	0,006	0,136	FALSE
-0,008	0,313	0,001	0,009	0,026	FALSE
0,088	0,307	0,002	0,009	0,102	FALSE
0,001	0,292	0,001	0,013	0,019	FALSE
0,035	0,310	0,001	0,012	0,043	FALSE
0,026	0,305	0,002	0,013	0,052	FALSE
0,037	0,317	0,000	0,011	0,014	FALSE
0,130	0,315	0,003	0,008	0,184	FALSE
-0,100	0,306	-0,004	0,009	0,171	FALSE
0,074	0,308	0,002	0,007	0,100	FALSE
0,010	0,296	0,001	0,012	0,017	FALSE
-0,057	0,321	-0,002	0,013	0,066	FALSE
0,040	0,301	0,001	0,013	0,032	FALSE
0,040	0,311	0,001	0,013	0,037	FALSE
0,022	0,312	0,001	0,013	0,016	FALSE
0,033	0,303	0,001	0,012	0,016	FALSE
0,026	0,306	0,001	0,013	0,019	FALSE
0,069	0,293	0,003	0,010	0,095	FALSE
-0,004	0,307	0,000	0,009	0,012	FALSE
-0,048	0,309	-0,001	0,010	0,031	FALSE
-0,001	0,314	0,000	0,010	0,013	FALSE
0,009	0,315	0,000	0,006	0,001	FALSE
-0,009	0,310	0,000	0,010	0,013	FALSE
-0,073	0,317	-0,003	0,012	0,102	FALSE
0,033	0,309	0,001	0,007	0,066	FALSE
-0,034	0,304	-0,002	0,012	0,051	FALSE
-0,121	0,313	-0,003	0,007	0,152	FALSE
0,067	0,307	0,002	0,010	0,090	FALSE
0,114	0,300	0,003	0,009	0,139	FALSE
0,150	0,308	0,003	0,008	0,169	FALSE
-0,163	0,311	-0,006	0,012	0,227	FALSE
0,116	0,293	0,004	0,008	0,194	FALSE
-0,078	0,311	-0,002	0,006	0,101	FALSE
0,021	0,330	0,000	0,013	0,002	FALSE
-0,078	0,304	-0,003	0,010	0,128	FALSE
0,027	0,316	0,000	0,013	0,011	FALSE
0,022	0,320	0,000	0,013	0,000	FALSE
0,015	0,322	0,000	0,013	0,001	FALSE
0,028	0,315	0,001	0,012	0,021	FALSE
-0,162	0,314	-0,005	0,009	0,229	FALSE
0,098	0,310	0,002	0,008	0,116	FALSE
0,030	0,317	0,001	0,007	0,051	FALSE
0,052	0,301	0,001	0,012	0,046	FALSE
0,057	0,317	0,001	0,008	0,068	FALSE
0,039	0,314	0,001	0,008	0,050	FALSE
0,071	0,313	0,002	0,008	0,079	FALSE
-0,118	0,307	-0,003	0,009	0,142	FALSE
0,106	0,321	0,003	0,007	0,144	FALSE
-0,048	0,294	-0,001	0,011	0,035	FALSE
0,079	0,303	0,002	0,007	0,132	FALSE
0,040	0,294	0,001	0,007	0,047	FALSE
-0,038	0,304	-0,001	0,010	0,032	FALSE

0,076	0,316	0,003	0,011	0,104	FALSE
0,113	0,298	0,003	0,007	0,164	FALSE
-0,111	0,310	-0,004	0,012	0,146	FALSE
-0,064	0,310	-0,002	0,009	0,109	FALSE
-0,001	0,293	0,000	0,012	0,002	FALSE
0,090	0,309	0,002	0,008	0,100	FALSE
-0,105	0,310	-0,003	0,012	0,102	FALSE
0,112	0,299	0,004	0,012	0,143	FALSE
-0,046	0,305	-0,002	0,010	0,084	FALSE
-0,074	0,308	-0,002	0,013	0,074	FALSE
-0,011	0,302	-0,002	0,013	0,048	FALSE
-0,040	0,292	-0,001	0,007	0,061	FALSE
-0,010	0,297	0,000	0,011	0,012	FALSE
-0,178	0,302	-0,006	0,009	0,279	FALSE
-0,172	0,304	-0,006	0,011	0,224	FALSE
-0,008	0,299	0,000	0,009	0,004	FALSE
-0,058	0,309	-0,002	0,011	0,076	FALSE
-0,027	0,316	-0,002	0,012	0,057	FALSE
-0,009	0,321	0,000	0,009	0,010	FALSE
0,060	0,293	0,003	0,010	0,134	FALSE
-0,126	0,302	-0,005	0,013	0,144	FALSE
-0,037	0,320	-0,001	0,008	0,047	FALSE
0,081	0,302	0,002	0,007	0,088	FALSE
0,108	0,300	0,003	0,007	0,155	FALSE
-0,064	0,305	-0,001	0,007	0,069	FALSE
0,110	0,305	0,004	0,009	0,169	FALSE
0,045	0,310	0,001	0,010	0,050	FALSE
0,094	0,296	0,004	0,012	0,124	FALSE
0,082	0,302	0,003	0,013	0,078	FALSE
-0,080	0,307	-0,002	0,011	0,075	FALSE
-0,029	0,300	0,000	0,011	0,014	FALSE
0,017	0,296	0,001	0,008	0,053	FALSE
0,062	0,304	0,001	0,007	0,041	FALSE
0,035	0,314	0,001	0,009	0,046	FALSE
-0,052	0,306	-0,002	0,012	0,053	FALSE
0,087	0,315	0,003	0,011	0,124	FALSE
0,116	0,310	0,002	0,007	0,119	FALSE
-0,083	0,299	-0,002	0,008	0,121	FALSE
0,005	0,311	0,000	0,007	0,005	FALSE
-0,055	0,299	-0,002	0,012	0,078	FALSE
0,161	0,305	0,004	0,008	0,241	FALSE
0,018	0,310	0,000	0,008	0,023	FALSE
0,051	0,319	0,001	0,007	0,069	FALSE
-0,023	0,296	0,000	0,012	0,011	FALSE
0,024	0,313	0,001	0,010	0,029	FALSE
0,052	0,312	0,001	0,010	0,045	FALSE
-0,001	0,315	0,000	0,008	0,001	FALSE
-0,037	0,296	0,000	0,011	0,012	FALSE
0,037	0,322	0,001	0,013	0,021	FALSE
0,041	0,316	0,001	0,007	0,048	FALSE
-0,034	0,301	-0,002	0,013	0,056	FALSE
0,043	0,313	0,001	0,007	0,059	FALSE
-0,009	0,301	-0,001	0,009	0,038	FALSE

0,073	0,315	0,003	0,013	0,076	FALSE
-0,069	0,322	-0,001	0,008	0,068	FALSE
-0,069	0,299	-0,002	0,007	0,107	FALSE
0,056	0,303	0,001	0,012	0,043	FALSE
-0,044	0,309	-0,001	0,009	0,036	FALSE
-0,056	0,312	-0,001	0,006	0,069	FALSE
-0,059	0,321	-0,001	0,006	0,067	FALSE
-0,058	0,310	-0,003	0,013	0,076	FALSE
-0,051	0,303	-0,002	0,013	0,071	FALSE
-0,073	0,309	-0,002	0,012	0,081	FALSE
0,041	0,305	0,002	0,009	0,063	FALSE
-0,027	0,307	-0,001	0,010	0,030	FALSE
-0,048	0,308	-0,002	0,009	0,087	FALSE
-0,124	0,311	-0,003	0,009	0,147	FALSE
-0,023	0,307	-0,001	0,009	0,063	FALSE
0,044	0,307	0,002	0,012	0,071	FALSE
0,157	0,310	0,005	0,010	0,232	FALSE
-0,078	0,326	-0,002	0,008	0,113	FALSE
0,051	0,306	0,001	0,012	0,040	FALSE
-0,075	0,311	-0,002	0,010	0,088	FALSE
0,002	0,286	0,000	0,012	0,009	FALSE
0,022	0,289	0,001	0,008	0,052	FALSE
-0,083	0,291	-0,001	0,007	0,066	FALSE
-0,059	0,301	-0,002	0,009	0,067	FALSE
-0,021	0,302	-0,001	0,012	0,027	FALSE
0,025	0,307	0,001	0,010	0,048	FALSE
-0,017	0,292	0,000	0,009	0,003	FALSE
-0,016	0,332	0,000	0,010	0,007	FALSE
-0,055	0,315	-0,002	0,009	0,069	FALSE
0,089	0,320	0,002	0,007	0,125	FALSE
-0,018	0,312	-0,001	0,009	0,020	FALSE
0,103	0,307	0,002	0,007	0,139	FALSE
-0,052	0,310	-0,002	0,011	0,059	FALSE
-0,077	0,326	-0,002	0,008	0,070	FALSE
-0,003	0,295	0,000	0,007	0,023	FALSE
0,087	0,304	0,003	0,010	0,118	FALSE
0,153	0,297	0,004	0,008	0,223	FALSE
-0,056	0,317	-0,002	0,010	0,076	FALSE
-0,046	0,300	-0,001	0,007	0,046	FALSE
0,091	0,311	0,002	0,007	0,093	FALSE
-0,046	0,305	-0,002	0,013	0,046	FALSE
-0,024	0,312	-0,001	0,013	0,027	FALSE
0,086	0,302	0,002	0,008	0,123	FALSE
-0,161	0,305	-0,006	0,011	0,230	FALSE
0,029	0,302	0,001	0,008	0,050	FALSE
0,105	0,306	0,004	0,009	0,178	FALSE
-0,022	0,301	-0,001	0,008	0,052	FALSE
-0,070	0,302	-0,003	0,012	0,094	FALSE
0,036	0,317	0,002	0,013	0,046	FALSE
-0,046	0,292	0,000	0,010	0,015	FALSE
0,000	0,319	0,000	0,013	0,003	FALSE
-0,069	0,301	-0,002	0,009	0,087	FALSE
0,006	0,300	0,000	0,009	0,005	FALSE

0,034	0,301	0,000	0,010	0,010	FALSE
0,058	0,300	0,001	0,008	0,065	FALSE
-0,001	0,304	0,001	0,011	0,037	FALSE
-0,083	0,300	-0,002	0,009	0,087	FALSE
0,066	0,307	0,001	0,012	0,038	FALSE
0,015	0,318	0,001	0,009	0,024	FALSE
0,056	0,313	0,002	0,011	0,064	FALSE
0,107	0,293	0,003	0,010	0,119	FALSE
0,050	0,299	0,001	0,009	0,043	FALSE
0,004	0,325	-0,001	0,011	0,027	FALSE
0,005	0,302	0,000	0,008	0,004	FALSE
0,003	0,321	0,001	0,008	0,024	FALSE
-0,034	0,286	-0,001	0,010	0,034	FALSE
0,013	0,317	0,001	0,007	0,039	FALSE
0,133	0,307	0,003	0,007	0,152	FALSE
0,026	0,288	0,000	0,008	0,007	FALSE
-0,108	0,304	-0,003	0,012	0,114	FALSE
0,032	0,304	0,001	0,010	0,041	FALSE
0,001	0,298	0,001	0,008	0,029	FALSE
-0,019	0,314	0,000	0,006	0,026	FALSE
-0,026	0,316	-0,001	0,011	0,022	FALSE
-0,091	0,313	-0,004	0,012	0,133	FALSE
0,111	0,294	0,003	0,007	0,165	FALSE
0,036	0,314	0,001	0,007	0,048	FALSE
0,041	0,305	0,002	0,010	0,069	FALSE
-0,093	0,308	-0,004	0,012	0,130	FALSE
0,121	0,309	0,003	0,008	0,161	FALSE
-0,066	0,313	-0,002	0,007	0,111	FALSE
-0,139	0,293	-0,004	0,008	0,198	FALSE
0,022	0,298	0,001	0,009	0,038	FALSE
-0,092	0,296	-0,002	0,009	0,100	FALSE
0,007	0,302	0,000	0,008	0,006	FALSE
-0,004	0,308	-0,001	0,006	0,039	FALSE
-0,008	0,309	-0,001	0,013	0,026	FALSE
-0,017	0,298	-0,001	0,009	0,056	FALSE
-0,012	0,306	0,000	0,012	0,005	FALSE
-0,010	0,293	-0,001	0,007	0,047	FALSE
-0,017	0,301	-0,002	0,011	0,056	FALSE
-0,017	0,305	-0,002	0,011	0,059	FALSE
0,002	0,303	0,000	0,007	0,022	FALSE
-0,049	0,308	-0,002	0,013	0,066	FALSE
-0,030	0,314	-0,001	0,013	0,029	FALSE
0,074	0,309	0,004	0,011	0,132	FALSE
-0,044	0,314	-0,002	0,013	0,049	FALSE
-0,085	0,306	-0,003	0,009	0,142	FALSE
0,015	0,296	0,001	0,013	0,037	FALSE
-0,076	0,303	-0,001	0,006	0,054	FALSE
0,044	0,330	0,002	0,011	0,062	FALSE
0,062	0,299	0,002	0,011	0,059	FALSE
0,037	0,302	0,002	0,012	0,074	FALSE
0,113	0,306	0,002	0,008	0,121	FALSE
-0,008	0,305	0,000	0,007	0,017	FALSE
-0,037	0,317	-0,001	0,009	0,043	FALSE

-0,092	0,318	-0,005	0,013	0,151	FALSE
0,104	0,300	0,006	0,012	0,185	FALSE
-0,101	0,319	-0,005	0,013	0,169	FALSE
-0,105	0,308	-0,006	0,012	0,194	FALSE
-0,044	0,315	-0,003	0,013	0,087	FALSE
-0,044	0,309	-0,002	0,010	0,078	FALSE
-0,044	0,318	-0,002	0,012	0,062	FALSE
0,127	0,297	0,003	0,006	0,180	FALSE
-0,039	0,321	-0,001	0,010	0,045	FALSE
0,001	0,312	0,000	0,010	0,018	FALSE
-0,081	0,309	-0,001	0,007	0,067	FALSE
0,072	0,312	0,003	0,013	0,099	FALSE
-0,072	0,305	-0,003	0,013	0,092	FALSE
0,008	0,295	0,000	0,013	0,003	FALSE
0,054	0,297	0,002	0,011	0,077	FALSE
-0,006	0,299	0,000	0,009	0,001	FALSE
-0,037	0,308	-0,002	0,008	0,074	FALSE
-0,125	0,303	-0,003	0,007	0,168	FALSE
0,040	0,304	0,001	0,008	0,060	FALSE
-0,019	0,314	-0,001	0,012	0,042	FALSE
0,021	0,314	0,000	0,012	0,005	FALSE
-0,162	0,310	-0,003	0,007	0,208	FALSE
-0,189	0,298	-0,004	0,007	0,239	FALSE
0,032	0,298	0,001	0,009	0,045	FALSE
-0,088	0,295	-0,004	0,012	0,131	FALSE
0,104	0,305	0,003	0,008	0,138	FALSE
-0,044	0,288	-0,001	0,007	0,034	FALSE
0,066	0,305	0,002	0,011	0,073	FALSE
0,031	0,308	0,001	0,010	0,021	FALSE
0,063	0,312	0,001	0,007	0,072	FALSE
0,001	0,305	0,000	0,010	0,002	FALSE
0,029	0,314	0,001	0,013	0,032	FALSE
-0,094	0,314	-0,002	0,006	0,092	FALSE
0,008	0,307	0,000	0,010	0,006	FALSE
-0,027	0,296	-0,001	0,009	0,039	FALSE
-0,067	0,311	-0,002	0,010	0,076	FALSE
-0,121	0,305	-0,003	0,006	0,166	FALSE
0,035	0,319	0,001	0,007	0,042	FALSE
-0,170	0,280	-0,005	0,007	0,275	FALSE
0,033	0,311	0,002	0,011	0,069	FALSE
0,099	0,314	0,003	0,013	0,104	FALSE
-0,008	0,308	-0,001	0,009	0,041	FALSE
-0,029	0,307	-0,001	0,006	0,051	FALSE
-0,002	0,310	0,001	0,011	0,029	FALSE
-0,057	0,316	-0,002	0,013	0,060	FALSE
-0,017	0,303	0,000	0,010	0,002	FALSE
0,035	0,296	0,001	0,010	0,021	FALSE
-0,041	0,299	-0,001	0,010	0,039	FALSE
-0,133	0,318	-0,006	0,012	0,223	FALSE
0,169	0,295	0,007	0,011	0,300	FALSE
0,008	0,298	0,000	0,006	0,022	FALSE
-0,032	0,300	-0,001	0,007	0,033	FALSE
-0,017	0,312	0,000	0,007	0,003	FALSE

0,106	0,303	0,003	0,007	0,197	FALSE
0,050	0,314	0,001	0,011	0,033	FALSE
0,045	0,297	0,002	0,011	0,083	FALSE
0,000	0,317	-0,001	0,013	0,014	FALSE
0,019	0,287	0,001	0,008	0,051	FALSE
0,010	0,309	0,001	0,012	0,020	FALSE
0,024	0,305	0,001	0,012	0,035	FALSE
0,004	0,305	0,000	0,011	0,010	FALSE
0,025	0,313	0,002	0,012	0,046	FALSE
0,000	0,314	0,001	0,011	0,016	FALSE
0,083	0,302	0,002	0,008	0,100	FALSE
0,080	0,313	0,002	0,007	0,088	FALSE
0,003	0,307	0,001	0,012	0,025	FALSE
-0,037	0,323	-0,001	0,010	0,030	FALSE
0,014	0,291	0,001	0,011	0,030	FALSE
0,090	0,294	0,003	0,009	0,144	FALSE
0,009	0,323	0,001	0,008	0,035	FALSE
0,067	0,290	0,002	0,012	0,065	FALSE
-0,048	0,328	-0,001	0,010	0,045	FALSE
-0,062	0,321	-0,002	0,012	0,062	FALSE
0,082	0,313	0,002	0,012	0,074	FALSE
-0,052	0,305	-0,001	0,009	0,034	FALSE
-0,028	0,307	-0,001	0,010	0,022	FALSE
0,000	0,317	0,000	0,008	0,005	FALSE
-0,064	0,305	-0,002	0,009	0,085	FALSE
-0,013	0,306	0,000	0,009	0,001	FALSE
0,004	0,313	0,000	0,012	0,001	FALSE
-0,116	0,316	-0,002	0,007	0,135	FALSE
-0,049	0,314	-0,002	0,010	0,082	FALSE
0,065	0,318	0,002	0,011	0,073	FALSE
0,003	0,302	0,000	0,007	0,004	FALSE
-0,056	0,301	-0,002	0,011	0,076	FALSE
0,025	0,311	0,001	0,012	0,045	FALSE
0,134	0,302	0,003	0,010	0,138	FALSE
0,019	0,301	0,000	0,009	0,005	FALSE
-0,023	0,301	-0,001	0,011	0,025	FALSE
-0,036	0,316	-0,001	0,012	0,015	FALSE
0,064	0,308	0,003	0,013	0,105	FALSE
-0,008	0,295	0,000	0,012	0,003	FALSE
0,082	0,319	0,003	0,012	0,089	FALSE
0,072	0,302	0,002	0,011	0,074	FALSE
-0,032	0,303	-0,001	0,007	0,029	FALSE
0,043	0,319	0,001	0,012	0,035	FALSE
0,003	0,319	0,000	0,011	0,002	FALSE
-0,042	0,327	-0,001	0,008	0,040	FALSE
0,069	0,320	0,003	0,013	0,083	FALSE
0,012	0,301	0,000	0,008	0,018	FALSE
-0,023	0,317	-0,001	0,009	0,033	FALSE
0,131	0,297	0,006	0,011	0,210	FALSE
0,116	0,311	0,005	0,013	0,154	FALSE
-0,028	0,298	-0,001	0,011	0,032	FALSE
0,029	0,322	0,001	0,012	0,027	FALSE
-0,050	0,296	-0,001	0,008	0,052	FALSE

-0,044	0,316	-0,001	0,008	0,031	FALSE
0,141	0,304	0,004	0,008	0,190	FALSE
-0,072	0,312	-0,003	0,009	0,112	FALSE
0,013	0,292	0,001	0,011	0,020	FALSE
0,062	0,304	0,002	0,009	0,100	FALSE
0,034	0,301	0,002	0,009	0,064	FALSE
-0,036	0,303	-0,001	0,012	0,043	FALSE
0,039	0,321	0,000	0,007	0,008	FALSE
0,029	0,319	0,001	0,007	0,027	FALSE
-0,061	0,288	-0,002	0,010	0,077	FALSE
-0,065	0,309	-0,003	0,011	0,087	FALSE
-0,093	0,307	-0,003	0,010	0,120	FALSE
-0,096	0,315	-0,004	0,013	0,111	FALSE
0,087	0,298	0,005	0,013	0,145	FALSE
0,097	0,287	0,004	0,011	0,162	FALSE
-0,178	0,312	-0,004	0,007	0,261	FALSE
-0,009	0,297	0,001	0,008	0,033	FALSE
-0,107	0,298	-0,003	0,009	0,124	FALSE
-0,083	0,314	-0,002	0,010	0,088	FALSE
0,069	0,300	0,003	0,013	0,092	FALSE
0,087	0,301	0,003	0,011	0,117	FALSE
-0,151	0,295	-0,006	0,012	0,211	FALSE
0,114	0,307	0,005	0,013	0,146	FALSE
-0,111	0,317	-0,005	0,013	0,139	FALSE
-0,028	0,298	0,000	0,008	0,016	FALSE
0,089	0,295	0,003	0,009	0,111	FALSE
-0,080	0,284	-0,004	0,011	0,142	FALSE
-0,037	0,289	-0,001	0,010	0,039	FALSE
0,036	0,317	0,001	0,007	0,073	FALSE
-0,076	0,296	-0,002	0,009	0,086	FALSE
0,112	0,308	0,003	0,007	0,186	FALSE
0,142	0,293	0,005	0,010	0,205	FALSE
-0,040	0,317	-0,001	0,011	0,039	FALSE
-0,044	0,312	-0,001	0,011	0,042	FALSE
-0,008	0,307	-0,001	0,011	0,028	FALSE
-0,020	0,325	-0,001	0,011	0,031	FALSE
-0,031	0,312	-0,001	0,009	0,028	FALSE
-0,006	0,303	-0,002	0,013	0,047	FALSE
-0,044	0,321	-0,002	0,011	0,070	FALSE
0,051	0,291	0,001	0,007	0,065	FALSE
-0,007	0,317	0,000	0,010	0,000	FALSE
0,001	0,302	0,000	0,009	0,005	FALSE
0,029	0,299	0,001	0,012	0,044	FALSE
0,019	0,312	0,001	0,010	0,020	FALSE
0,003	0,312	0,000	0,009	0,001	FALSE
0,120	0,302	0,004	0,010	0,173	FALSE
-0,002	0,308	0,000	0,012	0,007	FALSE
-0,016	0,309	0,000	0,012	0,001	FALSE
-0,049	0,315	-0,001	0,007	0,046	FALSE
-0,029	0,303	-0,002	0,012	0,051	FALSE
0,013	0,303	-0,001	0,011	0,018	FALSE
-0,068	0,315	-0,002	0,009	0,076	FALSE
-0,004	0,320	0,001	0,010	0,027	FALSE

-0,003	0,306	0,000	0,009	0,003	FALSE
0,064	0,302	0,003	0,012	0,106	FALSE
0,015	0,313	0,001	0,012	0,025	FALSE
0,020	0,301	0,001	0,007	0,057	FALSE
-0,005	0,311	-0,001	0,007	0,029	FALSE
0,038	0,318	0,001	0,007	0,063	FALSE
-0,048	0,309	-0,001	0,010	0,056	FALSE
-0,037	0,306	-0,001	0,009	0,044	FALSE
0,023	0,310	0,001	0,007	0,058	FALSE
0,054	0,299	0,002	0,012	0,051	FALSE
0,029	0,309	0,000	0,013	0,012	FALSE
-0,017	0,322	-0,001	0,008	0,038	FALSE
0,033	0,297	0,001	0,011	0,025	FALSE
-0,067	0,310	-0,002	0,007	0,111	FALSE
-0,096	0,314	-0,003	0,013	0,101	FALSE
0,098	0,315	0,002	0,007	0,122	FALSE
-0,181	0,312	-0,005	0,008	0,241	FALSE
0,123	0,308	0,004	0,011	0,155	FALSE
-0,065	0,309	-0,002	0,011	0,072	FALSE
-0,034	0,307	-0,001	0,007	0,054	FALSE
0,006	0,307	0,000	0,007	0,004	FALSE
0,003	0,300	0,001	0,010	0,050	FALSE
-0,060	0,311	-0,001	0,007	0,054	FALSE
0,036	0,305	0,002	0,008	0,081	FALSE
0,062	0,315	0,001	0,008	0,058	FALSE
-0,188	0,296	-0,005	0,007	0,294	FALSE
-0,083	0,306	-0,002	0,009	0,094	FALSE
0,068	0,291	0,002	0,008	0,111	FALSE
0,211	0,304	0,006	0,009	0,289	FALSE
0,146	0,294	0,004	0,008	0,204	FALSE
-0,111	0,307	-0,006	0,012	0,191	TRUE
-0,092	0,303	-0,002	0,007	0,128	FALSE
-0,130	0,291	-0,007	0,012	0,223	FALSE
0,011	0,297	0,000	0,007	0,020	FALSE
0,078	0,293	0,002	0,007	0,105	FALSE
-0,017	0,312	-0,001	0,013	0,018	FALSE
-0,010	0,305	0,000	0,007	0,018	FALSE
0,051	0,300	0,002	0,006	0,092	FALSE
0,055	0,300	0,001	0,013	0,027	FALSE
-0,043	0,299	-0,001	0,013	0,034	FALSE
0,185	0,293	0,004	0,007	0,257	FALSE
-0,088	0,298	-0,003	0,010	0,127	FALSE
-0,110	0,304	-0,004	0,011	0,151	FALSE
-0,091	0,303	-0,003	0,010	0,125	FALSE
0,045	0,303	0,001	0,010	0,026	FALSE
0,030	0,315	0,002	0,011	0,066	FALSE
0,013	0,319	0,001	0,007	0,034	FALSE
0,040	0,309	0,001	0,006	0,065	FALSE
-0,054	0,301	-0,003	0,010	0,113	FALSE
0,118	0,303	0,005	0,012	0,156	FALSE
-0,060	0,310	-0,002	0,011	0,068	FALSE
-0,022	0,314	0,000	0,012	0,013	FALSE
-0,093	0,293	-0,004	0,010	0,141	FALSE

0,128	0,317	0,004	0,010	0,163	FALSE
0,040	0,316	0,001	0,010	0,032	FALSE
0,042	0,294	0,001	0,012	0,029	FALSE
-0,135	0,303	-0,005	0,009	0,210	FALSE
0,063	0,283	0,002	0,011	0,075	FALSE
0,003	0,309	0,000	0,013	0,013	FALSE
0,138	0,311	0,005	0,011	0,166	FALSE
-0,134	0,300	-0,003	0,007	0,175	FALSE
0,071	0,313	0,002	0,007	0,101	FALSE
0,103	0,293	0,003	0,011	0,118	FALSE
0,034	0,315	0,001	0,010	0,045	FALSE
0,067	0,315	0,002	0,013	0,061	FALSE
0,057	0,311	0,002	0,011	0,062	FALSE
-0,008	0,305	0,000	0,013	0,000	FALSE
-0,050	0,313	-0,002	0,007	0,081	FALSE
-0,140	0,302	-0,005	0,011	0,208	FALSE
-0,051	0,303	-0,001	0,010	0,055	FALSE
-0,082	0,306	-0,003	0,009	0,130	FALSE
-0,112	0,303	-0,003	0,009	0,126	FALSE
-0,077	0,294	-0,002	0,007	0,093	FALSE
-0,002	0,323	0,000	0,010	0,007	FALSE
-0,041	0,307	-0,001	0,008	0,047	FALSE
-0,040	0,302	-0,001	0,012	0,042	FALSE
0,050	0,309	0,002	0,007	0,114	FALSE
0,031	0,311	0,001	0,007	0,074	FALSE
0,050	0,306	0,001	0,006	0,087	FALSE
0,179	0,296	0,007	0,011	0,278	FALSE
0,037	0,321	0,001	0,007	0,059	FALSE
0,030	0,308	0,002	0,012	0,072	FALSE
0,106	0,316	0,006	0,013	0,180	FALSE
-0,092	0,319	-0,002	0,007	0,120	FALSE
0,017	0,296	0,001	0,010	0,051	FALSE
-0,060	0,314	-0,002	0,011	0,076	FALSE
0,056	0,309	0,001	0,008	0,060	FALSE
0,051	0,303	0,002	0,010	0,073	FALSE
0,101	0,316	0,003	0,011	0,126	FALSE
0,106	0,312	0,003	0,011	0,118	FALSE
-0,097	0,316	-0,002	0,007	0,118	FALSE
0,180	0,292	0,005	0,009	0,214	FALSE
-0,210	0,300	-0,009	0,013	0,329	FALSE
0,001	0,307	0,001	0,012	0,036	FALSE
0,065	0,294	0,004	0,011	0,135	FALSE
0,098	0,313	0,003	0,011	0,116	FALSE
0,025	0,293	0,000	0,006	0,011	FALSE
0,031	0,302	0,001	0,009	0,043	FALSE
0,109	0,308	0,005	0,013	0,143	FALSE
-0,043	0,306	-0,001	0,008	0,057	FALSE
0,056	0,307	0,001	0,007	0,029	FALSE
0,080	0,308	0,003	0,011	0,111	FALSE
0,124	0,313	0,003	0,009	0,117	FALSE
-0,073	0,319	-0,002	0,011	0,079	FALSE
-0,072	0,304	-0,002	0,010	0,065	FALSE
-0,114	0,299	-0,003	0,011	0,112	FALSE

-0,033	0,301	-0,002	0,013	0,068	FALSE
0,034	0,307	0,001	0,009	0,041	FALSE
0,061	0,296	0,003	0,012	0,097	FALSE
0,225	0,295	0,007	0,009	0,391	FALSE
0,116	0,306	0,003	0,007	0,165	FALSE
-0,002	0,303	0,001	0,013	0,020	FALSE
0,016	0,303	0,002	0,011	0,058	FALSE
0,005	0,322	0,000	0,008	0,003	FALSE
-0,215	0,292	-0,005	0,007	0,314	TRUE
0,054	0,291	0,001	0,007	0,035	FALSE
0,046	0,304	0,000	0,009	0,016	FALSE
-0,088	0,311	-0,003	0,009	0,114	FALSE
0,114	0,295	0,003	0,006	0,197	FALSE
-0,006	0,309	0,000	0,007	0,015	FALSE
0,068	0,305	0,002	0,006	0,096	FALSE
-0,080	0,299	-0,003	0,009	0,110	FALSE
0,002	0,290	0,000	0,009	0,016	FALSE
0,094	0,295	0,005	0,012	0,170	FALSE
-0,098	0,298	-0,004	0,012	0,148	FALSE
0,051	0,305	0,003	0,011	0,086	FALSE
-0,066	0,317	-0,002	0,011	0,080	FALSE
-0,054	0,305	-0,002	0,011	0,059	FALSE
-0,038	0,305	-0,001	0,009	0,057	FALSE
-0,019	0,296	0,000	0,007	0,007	FALSE
0,021	0,290	0,002	0,009	0,068	FALSE
-0,008	0,311	0,000	0,012	0,014	FALSE
0,036	0,307	0,001	0,009	0,044	FALSE
0,069	0,309	0,002	0,008	0,091	FALSE
0,055	0,316	0,001	0,009	0,063	FALSE
-0,048	0,301	-0,002	0,010	0,077	FALSE
0,033	0,308	0,001	0,010	0,044	FALSE
-0,015	0,300	0,000	0,010	0,000	FALSE
-0,016	0,297	0,000	0,010	0,001	FALSE
-0,027	0,298	0,000	0,010	0,005	FALSE
-0,022	0,304	0,000	0,009	0,016	FALSE
-0,022	0,307	0,000	0,010	0,005	FALSE
-0,003	0,302	0,001	0,010	0,027	FALSE
-0,020	0,314	-0,001	0,007	0,033	FALSE
0,075	0,325	0,003	0,012	0,094	FALSE
-0,125	0,292	-0,003	0,007	0,175	FALSE
0,043	0,310	0,001	0,010	0,021	FALSE
0,073	0,310	0,003	0,011	0,106	FALSE
0,166	0,298	0,005	0,009	0,252	TRUE
0,176	0,299	0,005	0,009	0,250	FALSE
-0,050	0,302	-0,002	0,011	0,065	FALSE
-0,059	0,307	-0,001	0,008	0,065	FALSE
-0,025	0,309	0,000	0,008	0,021	FALSE
0,066	0,319	0,002	0,007	0,099	FALSE
0,020	0,305	0,001	0,008	0,050	FALSE
0,034	0,311	0,000	0,007	0,005	FALSE
0,009	0,311	0,001	0,007	0,034	FALSE
-0,053	0,299	-0,003	0,012	0,101	FALSE
-0,081	0,316	-0,004	0,013	0,123	FALSE

0,012	0,311	0,002	0,010	0,057	FALSE
-0,106	0,307	-0,002	0,007	0,115	FALSE
0,003	0,319	0,000	0,012	0,001	FALSE
-0,031	0,308	-0,001	0,009	0,058	FALSE
0,161	0,306	0,004	0,008	0,194	FALSE
0,102	0,309	0,003	0,011	0,118	FALSE
-0,035	0,295	-0,001	0,011	0,038	FALSE
0,160	0,294	0,005	0,010	0,226	FALSE
-0,064	0,303	-0,001	0,010	0,054	FALSE
0,135	0,299	0,004	0,008	0,199	FALSE
-0,009	0,309	0,000	0,010	0,009	FALSE
-0,006	0,314	-0,001	0,007	0,029	FALSE
-0,055	0,312	-0,002	0,010	0,058	FALSE
-0,039	0,288	-0,001	0,006	0,043	FALSE
-0,034	0,296	-0,001	0,007	0,029	FALSE
0,001	0,316	0,000	0,007	0,022	FALSE
-0,024	0,313	-0,001	0,012	0,043	FALSE
0,075	0,300	0,002	0,009	0,080	FALSE
-0,092	0,296	-0,003	0,010	0,114	FALSE
0,059	0,289	0,001	0,007	0,078	FALSE
-0,070	0,312	-0,002	0,011	0,075	FALSE
0,082	0,298	0,003	0,013	0,105	FALSE
0,038	0,309	0,000	0,007	0,025	FALSE
-0,041	0,318	-0,001	0,008	0,041	FALSE
0,010	0,306	0,001	0,007	0,042	FALSE
0,101	0,316	0,004	0,011	0,133	FALSE
0,002	0,308	0,000	0,009	0,013	FALSE
0,035	0,311	0,000	0,009	0,018	FALSE
-0,001	0,317	0,000	0,009	0,012	FALSE
-0,046	0,301	-0,001	0,009	0,054	FALSE
-0,016	0,316	0,000	0,008	0,011	FALSE
-0,002	0,303	0,000	0,008	0,001	FALSE
0,058	0,309	0,003	0,011	0,096	FALSE
-0,023	0,306	-0,001	0,008	0,032	FALSE
0,018	0,304	0,000	0,009	0,005	FALSE
-0,011	0,298	0,000	0,011	0,015	FALSE
0,026	0,323	0,001	0,013	0,030	FALSE
0,036	0,323	0,001	0,012	0,037	FALSE
-0,003	0,319	0,000	0,007	0,001	FALSE
0,019	0,313	0,000	0,007	0,006	FALSE
0,102	0,303	0,003	0,007	0,133	FALSE
-0,018	0,313	0,000	0,007	0,013	FALSE
-0,095	0,318	-0,003	0,008	0,134	FALSE
-0,109	0,308	-0,004	0,010	0,153	FALSE
-0,001	0,302	0,000	0,007	0,023	FALSE
0,100	0,311	0,004	0,012	0,124	FALSE
-0,061	0,305	-0,002	0,008	0,083	FALSE
-0,047	0,298	-0,001	0,011	0,043	FALSE
-0,015	0,316	-0,001	0,011	0,027	FALSE
-0,002	0,310	0,000	0,011	0,012	FALSE
-0,040	0,297	-0,001	0,011	0,039	FALSE
-0,075	0,314	-0,002	0,009	0,097	FALSE
-0,005	0,305	0,000	0,013	0,009	FALSE

0,013	0,296	0,000	0,013	0,008	FALSE
-0,153	0,306	-0,006	0,011	0,208	FALSE
0,118	0,298	0,004	0,013	0,138	FALSE
0,116	0,306	0,004	0,013	0,120	FALSE
0,044	0,315	0,002	0,013	0,059	FALSE
0,063	0,309	0,002	0,011	0,072	FALSE
-0,062	0,310	-0,002	0,009	0,092	FALSE
-0,054	0,324	-0,002	0,009	0,092	FALSE
0,006	0,302	0,000	0,011	0,007	FALSE
0,086	0,306	0,003	0,011	0,089	FALSE
-0,088	0,319	-0,003	0,012	0,097	FALSE
0,002	0,307	0,000	0,007	0,016	FALSE
-0,033	0,313	-0,001	0,008	0,030	FALSE
-0,051	0,306	-0,001	0,008	0,052	FALSE
0,000	0,309	0,000	0,008	0,007	FALSE
0,000	0,317	0,001	0,010	0,032	FALSE
0,003	0,312	0,001	0,010	0,022	FALSE
0,014	0,314	0,000	0,011	0,001	FALSE
-0,037	0,313	-0,002	0,010	0,076	FALSE
0,078	0,300	0,002	0,007	0,111	FALSE
-0,076	0,303	-0,004	0,012	0,115	FALSE
0,130	0,313	0,003	0,008	0,161	FALSE
0,149	0,301	0,006	0,013	0,182	FALSE
-0,056	0,314	-0,002	0,012	0,076	FALSE
0,054	0,320	0,001	0,011	0,029	FALSE
0,061	0,303	0,001	0,011	0,035	FALSE
0,046	0,298	0,001	0,008	0,064	FALSE
0,032	0,311	0,001	0,009	0,046	FALSE
0,062	0,307	0,002	0,008	0,110	FALSE
0,063	0,320	0,003	0,013	0,077	FALSE
0,076	0,305	0,003	0,009	0,112	FALSE
-0,102	0,310	-0,004	0,012	0,150	FALSE
-0,058	0,300	-0,002	0,008	0,092	FALSE
-0,070	0,309	-0,001	0,007	0,075	FALSE
0,105	0,316	0,003	0,010	0,130	FALSE
0,082	0,303	0,004	0,012	0,114	FALSE
0,110	0,302	0,005	0,013	0,153	FALSE
0,153	0,305	0,006	0,013	0,184	FALSE
-0,168	0,291	-0,003	0,006	0,238	FALSE
0,037	0,316	0,000	0,009	0,005	FALSE
0,128	0,282	0,007	0,012	0,224	FALSE
0,038	0,298	0,003	0,013	0,081	FALSE
0,020	0,293	0,002	0,010	0,066	FALSE
0,024	0,313	0,001	0,011	0,026	FALSE
-0,018	0,298	0,000	0,008	0,008	FALSE
-0,036	0,306	-0,002	0,013	0,045	FALSE
-0,056	0,303	-0,002	0,009	0,104	FALSE
0,103	0,298	0,004	0,011	0,169	FALSE
0,036	0,304	0,001	0,012	0,037	FALSE
-0,018	0,308	-0,001	0,012	0,016	FALSE
0,046	0,316	0,002	0,013	0,065	FALSE
-0,024	0,304	-0,001	0,010	0,040	FALSE
-0,019	0,321	0,000	0,010	0,015	FALSE

-0,078	0,300	-0,002	0,007	0,101	FALSE
0,008	0,306	0,000	0,008	0,008	FALSE
-0,034	0,307	-0,002	0,010	0,063	FALSE
-0,017	0,313	0,000	0,009	0,014	FALSE
-0,051	0,303	-0,002	0,012	0,066	FALSE
-0,100	0,314	-0,002	0,007	0,101	FALSE
-0,040	0,318	-0,001	0,013	0,030	FALSE
-0,036	0,307	-0,001	0,013	0,019	FALSE
-0,002	0,310	0,000	0,011	0,007	FALSE
-0,008	0,298	-0,001	0,012	0,019	FALSE
-0,024	0,312	-0,001	0,009	0,059	FALSE
-0,110	0,308	-0,002	0,006	0,123	FALSE
-0,026	0,317	0,000	0,008	0,002	FALSE
-0,025	0,299	0,000	0,006	0,010	FALSE
-0,070	0,292	-0,002	0,006	0,093	FALSE
0,040	0,307	0,002	0,013	0,057	FALSE
0,051	0,307	0,001	0,007	0,026	FALSE
-0,087	0,329	-0,001	0,007	0,070	FALSE
-0,006	0,304	0,000	0,007	0,011	FALSE
-0,059	0,310	-0,001	0,008	0,069	FALSE
0,045	0,309	0,001	0,009	0,053	FALSE
-0,045	0,319	-0,002	0,013	0,045	FALSE
0,045	0,300	0,002	0,010	0,066	FALSE
-0,088	0,301	-0,002	0,008	0,097	FALSE
-0,023	0,320	-0,001	0,013	0,015	FALSE
-0,069	0,303	-0,003	0,010	0,118	FALSE
-0,079	0,310	-0,003	0,010	0,120	FALSE
0,137	0,307	0,003	0,007	0,165	FALSE
-0,004	0,311	0,001	0,013	0,037	FALSE
0,128	0,322	0,003	0,007	0,175	FALSE
0,102	0,315	0,002	0,007	0,131	FALSE
-0,076	0,293	-0,003	0,012	0,104	FALSE
0,143	0,300	0,004	0,010	0,196	FALSE
0,003	0,311	0,001	0,011	0,018	FALSE
-0,015	0,308	0,000	0,011	0,006	FALSE
0,005	0,308	0,001	0,011	0,024	FALSE
-0,042	0,322	-0,001	0,007	0,051	FALSE
0,012	0,310	0,000	0,009	0,011	FALSE
-0,096	0,308	-0,004	0,012	0,137	FALSE
0,018	0,320	0,001	0,010	0,024	FALSE
-0,066	0,311	-0,002	0,007	0,092	FALSE
0,157	0,320	0,005	0,009	0,229	FALSE
-0,027	0,301	0,000	0,007	0,015	FALSE
0,056	0,291	0,002	0,008	0,103	FALSE
-0,015	0,311	0,001	0,007	0,024	FALSE
-0,024	0,319	-0,001	0,009	0,040	FALSE
0,044	0,319	0,002	0,008	0,077	FALSE
0,098	0,303	0,004	0,011	0,149	FALSE
-0,052	0,309	-0,002	0,012	0,057	FALSE
0,077	0,309	0,002	0,006	0,103	FALSE
0,048	0,306	0,002	0,007	0,090	FALSE
-0,034	0,325	-0,002	0,012	0,062	FALSE
0,022	0,308	0,001	0,010	0,025	FALSE

0,132	0,305	0,004	0,009	0,166	FALSE
-0,123	0,302	-0,005	0,011	0,187	FALSE
-0,017	0,320	0,000	0,011	0,016	FALSE
0,104	0,298	0,004	0,012	0,135	FALSE
-0,074	0,299	-0,003	0,013	0,105	FALSE
0,042	0,307	0,002	0,012	0,048	FALSE
-0,047	0,308	-0,002	0,010	0,076	FALSE
0,118	0,310	0,003	0,010	0,142	FALSE
-0,029	0,327	-0,002	0,011	0,056	FALSE
0,077	0,305	0,003	0,010	0,120	FALSE
-0,071	0,319	-0,003	0,010	0,105	FALSE
-0,061	0,301	-0,001	0,006	0,089	FALSE
-0,032	0,294	0,000	0,008	0,002	FALSE
0,119	0,315	0,003	0,007	0,158	FALSE
0,029	0,298	0,000	0,008	0,000	FALSE
0,229	0,291	0,006	0,007	0,392	FALSE
0,202	0,305	0,005	0,007	0,342	FALSE
0,047	0,309	0,001	0,007	0,030	FALSE
0,025	0,311	0,000	0,012	0,009	FALSE
-0,071	0,304	-0,004	0,011	0,125	FALSE
-0,040	0,310	-0,003	0,012	0,105	FALSE
0,094	0,305	0,002	0,009	0,102	FALSE
-0,127	0,320	-0,003	0,008	0,145	FALSE
-0,046	0,309	-0,001	0,007	0,063	FALSE
0,041	0,298	0,002	0,010	0,063	FALSE
0,011	0,310	0,000	0,012	0,009	FALSE
0,019	0,303	0,000	0,012	0,008	FALSE
0,047	0,294	0,001	0,012	0,039	FALSE
-0,082	0,287	-0,003	0,010	0,137	FALSE
0,012	0,297	0,001	0,008	0,029	FALSE
-0,071	0,305	-0,004	0,013	0,115	FALSE
0,000	0,294	0,000	0,008	0,020	FALSE
0,080	0,313	0,002	0,008	0,121	FALSE
-0,192	0,286	-0,008	0,011	0,343	FALSE
0,102	0,294	0,003	0,007	0,166	FALSE
0,016	0,303	0,001	0,007	0,038	FALSE
-0,056	0,302	-0,002	0,010	0,073	FALSE
0,028	0,303	0,002	0,009	0,068	FALSE
-0,038	0,300	-0,001	0,011	0,043	FALSE
-0,056	0,303	-0,002	0,013	0,060	FALSE
0,008	0,313	0,000	0,013	0,008	FALSE
-0,043	0,309	-0,001	0,009	0,027	FALSE
-0,006	0,308	0,000	0,012	0,002	FALSE
-0,112	0,307	-0,002	0,007	0,142	FALSE
-0,127	0,311	-0,005	0,013	0,142	FALSE
0,041	0,309	0,001	0,006	0,063	FALSE
-0,038	0,305	-0,001	0,009	0,026	FALSE
0,110	0,306	0,004	0,009	0,160	FALSE
-0,002	0,307	0,001	0,008	0,027	FALSE
-0,006	0,307	0,000	0,007	0,022	FALSE
-0,121	0,303	-0,006	0,013	0,184	FALSE
0,022	0,317	0,000	0,008	0,015	FALSE
-0,041	0,310	0,000	0,008	0,022	FALSE

0,027	0,336	0,001	0,009	0,040	FALSE
0,041	0,321	0,002	0,009	0,072	FALSE
0,051	0,301	0,001	0,008	0,050	FALSE
0,084	0,310	0,002	0,009	0,109	FALSE
0,014	0,304	0,000	0,007	0,015	FALSE
0,060	0,312	0,002	0,008	0,093	FALSE
-0,129	0,311	-0,003	0,007	0,153	FALSE
-0,101	0,319	-0,004	0,011	0,142	FALSE
0,010	0,312	0,000	0,007	0,011	FALSE
0,108	0,311	0,003	0,007	0,164	FALSE
-0,036	0,301	-0,001	0,010	0,038	FALSE
-0,027	0,313	0,000	0,013	0,001	FALSE
-0,002	0,291	0,000	0,008	0,014	FALSE
0,009	0,294	0,000	0,009	0,013	FALSE
0,017	0,321	0,001	0,007	0,026	FALSE
-0,046	0,311	-0,004	0,013	0,106	FALSE
-0,052	0,290	-0,004	0,012	0,110	FALSE
0,042	0,307	0,002	0,009	0,081	FALSE
0,068	0,294	0,002	0,009	0,083	FALSE
-0,005	0,317	0,000	0,009	0,011	FALSE
0,086	0,307	0,003	0,013	0,104	FALSE
0,131	0,300	0,004	0,008	0,207	FALSE
0,007	0,313	0,000	0,012	0,010	FALSE
0,042	0,291	0,001	0,009	0,057	FALSE
0,122	0,307	0,003	0,010	0,119	FALSE
0,045	0,294	0,000	0,011	0,006	FALSE
0,027	0,303	0,001	0,013	0,020	FALSE
-0,027	0,295	-0,001	0,012	0,026	FALSE
-0,021	0,294	-0,001	0,008	0,028	FALSE
0,080	0,300	0,002	0,008	0,100	FALSE
-0,047	0,293	-0,002	0,009	0,089	FALSE
0,082	0,307	0,002	0,009	0,077	FALSE
0,050	0,315	0,001	0,007	0,049	FALSE
0,104	0,301	0,002	0,006	0,124	FALSE
-0,058	0,310	-0,002	0,008	0,081	FALSE
0,075	0,298	0,001	0,007	0,071	FALSE
-0,001	0,315	0,000	0,008	0,005	FALSE
0,027	0,313	0,001	0,008	0,045	FALSE
0,113	0,313	0,005	0,013	0,168	FALSE
0,144	0,306	0,006	0,012	0,224	FALSE
-0,002	0,299	0,000	0,012	0,013	FALSE
-0,080	0,300	-0,002	0,007	0,085	FALSE
-0,022	0,308	0,000	0,012	0,014	FALSE
0,031	0,312	0,000	0,007	0,023	FALSE
-0,019	0,308	-0,001	0,009	0,028	FALSE
0,047	0,308	0,001	0,008	0,060	FALSE
-0,009	0,315	-0,001	0,010	0,041	FALSE
-0,018	0,302	-0,001	0,011	0,023	FALSE
0,170	0,302	0,004	0,007	0,242	FALSE
0,076	0,312	0,002	0,013	0,068	FALSE
-0,060	0,314	-0,002	0,013	0,063	FALSE
-0,092	0,295	-0,002	0,007	0,102	FALSE
-0,051	0,312	-0,001	0,007	0,048	FALSE

-0,077	0,307	-0,002	0,008	0,085	FALSE
-0,019	0,314	-0,001	0,007	0,043	FALSE
0,077	0,301	0,003	0,010	0,136	FALSE
-0,059	0,304	-0,002	0,009	0,092	FALSE
0,017	0,311	0,001	0,009	0,030	FALSE
-0,042	0,305	-0,001	0,007	0,067	FALSE
0,064	0,302	0,003	0,012	0,081	FALSE
-0,002	0,304	0,001	0,011	0,025	FALSE
-0,043	0,298	-0,001	0,011	0,043	FALSE
0,057	0,308	0,001	0,007	0,047	FALSE
-0,027	0,312	-0,001	0,011	0,026	FALSE
0,106	0,304	0,004	0,011	0,148	FALSE
0,094	0,316	0,003	0,011	0,127	FALSE
-0,139	0,300	-0,006	0,011	0,200	FALSE
-0,134	0,294	-0,006	0,011	0,214	FALSE
-0,038	0,291	-0,001	0,007	0,054	FALSE
-0,044	0,304	-0,001	0,008	0,068	FALSE
0,112	0,309	0,004	0,009	0,176	FALSE
-0,052	0,319	-0,001	0,007	0,059	FALSE
-0,121	0,303	-0,004	0,009	0,183	FALSE
0,078	0,314	0,003	0,008	0,122	FALSE
0,002	0,309	0,001	0,008	0,041	FALSE
0,059	0,307	0,002	0,010	0,077	FALSE
-0,025	0,319	-0,001	0,009	0,034	FALSE
-0,005	0,285	-0,002	0,012	0,044	FALSE
-0,008	0,310	-0,001	0,011	0,036	FALSE
0,004	0,302	0,000	0,008	0,016	FALSE
0,131	0,306	0,002	0,007	0,139	FALSE
-0,037	0,307	0,000	0,006	0,011	FALSE
0,025	0,312	0,000	0,013	0,009	FALSE
0,000	0,303	-0,001	0,012	0,023	FALSE
-0,009	0,310	0,001	0,010	0,021	FALSE
-0,015	0,308	-0,001	0,009	0,035	FALSE
0,062	0,297	0,001	0,007	0,073	FALSE
-0,019	0,320	-0,002	0,013	0,053	FALSE
-0,012	0,305	0,000	0,010	0,001	FALSE
0,004	0,309	0,000	0,008	0,013	FALSE
-0,035	0,308	-0,001	0,011	0,042	FALSE
0,037	0,307	0,001	0,007	0,082	FALSE
0,044	0,313	0,002	0,011	0,075	FALSE
-0,001	0,304	-0,001	0,012	0,026	FALSE
-0,001	0,317	0,000	0,012	0,014	FALSE
-0,042	0,301	-0,001	0,008	0,051	FALSE
0,009	0,299	0,000	0,007	0,003	FALSE
0,166	0,300	0,007	0,012	0,259	FALSE
-0,133	0,306	-0,006	0,013	0,187	FALSE
0,028	0,293	0,001	0,008	0,063	FALSE
-0,082	0,292	-0,003	0,007	0,140	FALSE
-0,021	0,294	0,000	0,007	0,010	FALSE
0,102	0,308	0,003	0,010	0,122	FALSE
-0,045	0,308	-0,002	0,008	0,074	FALSE
-0,043	0,305	-0,001	0,007	0,033	FALSE
-0,021	0,303	-0,001	0,012	0,032	FALSE

0,015	0,316	0,001	0,011	0,016	FALSE
-0,087	0,308	-0,004	0,012	0,145	FALSE
-0,051	0,305	-0,003	0,013	0,090	FALSE
-0,091	0,315	-0,005	0,012	0,146	FALSE
0,045	0,305	0,001	0,007	0,051	FALSE
0,080	0,314	0,002	0,010	0,094	FALSE
0,040	0,315	0,001	0,007	0,036	FALSE
0,053	0,298	0,002	0,009	0,095	FALSE
0,127	0,294	0,004	0,009	0,196	FALSE
0,093	0,292	0,002	0,009	0,096	FALSE
0,124	0,305	0,004	0,009	0,167	FALSE
-0,154	0,295	-0,007	0,012	0,255	FALSE
-0,102	0,312	-0,002	0,007	0,114	FALSE
0,040	0,305	0,001	0,008	0,028	FALSE
0,029	0,313	0,001	0,014	0,019	FALSE
-0,130	0,281	-0,003	0,007	0,197	FALSE
-0,007	0,297	-0,001	0,013	0,031	FALSE
0,075	0,307	0,002	0,009	0,092	FALSE
-0,144	0,309	-0,005	0,011	0,199	FALSE
-0,157	0,305	-0,005	0,009	0,224	FALSE
-0,077	0,325	-0,004	0,013	0,115	FALSE
-0,103	0,305	-0,002	0,008	0,110	FALSE
-0,102	0,304	-0,003	0,010	0,121	FALSE
0,033	0,304	0,001	0,008	0,030	FALSE
0,099	0,322	0,005	0,013	0,140	FALSE
0,042	0,312	0,002	0,012	0,075	FALSE
-0,074	0,315	-0,003	0,011	0,116	FALSE
-0,189	0,309	-0,005	0,008	0,277	FALSE
-0,096	0,312	-0,002	0,007	0,132	FALSE
-0,025	0,312	-0,001	0,012	0,032	FALSE
0,036	0,302	0,000	0,006	0,024	FALSE
0,060	0,298	0,001	0,007	0,049	FALSE
-0,139	0,315	-0,004	0,008	0,179	FALSE
-0,081	0,300	-0,002	0,007	0,117	FALSE
-0,078	0,307	-0,002	0,008	0,106	FALSE
-0,075	0,320	-0,002	0,008	0,102	FALSE
-0,077	0,306	-0,002	0,007	0,107	FALSE
0,124	0,312	0,003	0,007	0,171	FALSE
-0,090	0,303	-0,004	0,013	0,139	FALSE
0,072	0,298	0,001	0,007	0,055	FALSE
-0,033	0,301	-0,001	0,008	0,051	FALSE
0,118	0,313	0,005	0,011	0,184	FALSE
-0,097	0,309	-0,003	0,009	0,117	FALSE
0,012	0,313	0,001	0,007	0,044	FALSE
0,043	0,294	0,001	0,006	0,051	FALSE
-0,099	0,284	-0,004	0,010	0,173	FALSE
0,068	0,306	0,002	0,011	0,069	FALSE
0,082	0,298	0,003	0,011	0,095	FALSE
0,057	0,310	0,002	0,012	0,061	FALSE
-0,074	0,307	-0,002	0,006	0,095	FALSE
-0,003	0,293	0,001	0,007	0,031	FALSE
-0,042	0,309	-0,001	0,012	0,039	FALSE
-0,066	0,319	-0,002	0,013	0,054	FALSE

0,047	0,312	0,001	0,009	0,028	FALSE
-0,056	0,313	-0,002	0,012	0,057	FALSE
0,057	0,297	0,001	0,009	0,035	FALSE
0,000	0,297	0,001	0,010	0,038	FALSE
-0,059	0,316	-0,002	0,010	0,084	FALSE
-0,078	0,304	-0,003	0,009	0,113	FALSE
0,023	0,312	0,000	0,012	0,002	FALSE
0,038	0,301	0,001	0,008	0,047	FALSE
0,008	0,303	0,000	0,008	0,009	FALSE
-0,024	0,312	-0,001	0,012	0,036	FALSE
0,075	0,307	0,003	0,012	0,088	FALSE
0,063	0,308	0,002	0,011	0,081	FALSE
-0,078	0,297	-0,003	0,009	0,108	FALSE
0,092	0,304	0,002	0,007	0,110	FALSE
0,042	0,304	0,002	0,013	0,066	FALSE
-0,009	0,313	0,000	0,007	0,005	FALSE
0,063	0,311	0,003	0,010	0,099	FALSE
-0,032	0,315	-0,001	0,009	0,034	FALSE
-0,113	0,321	-0,005	0,013	0,166	FALSE
-0,129	0,306	-0,005	0,011	0,170	FALSE
-0,011	0,318	0,000	0,006	0,000	FALSE
-0,001	0,326	0,000	0,008	0,004	FALSE
0,065	0,306	0,003	0,008	0,143	FALSE
-0,014	0,316	0,000	0,008	0,021	FALSE
-0,095	0,309	-0,003	0,009	0,131	FALSE
0,033	0,325	0,002	0,013	0,044	FALSE
0,033	0,309	0,001	0,007	0,049	FALSE
-0,099	0,292	-0,003	0,012	0,115	FALSE
0,077	0,312	0,004	0,012	0,122	FALSE
0,057	0,295	0,002	0,011	0,059	FALSE
-0,022	0,302	0,000	0,007	0,002	FALSE
0,040	0,313	0,002	0,010	0,069	FALSE
-0,025	0,316	-0,001	0,009	0,036	FALSE
0,026	0,310	0,000	0,013	0,008	FALSE
-0,136	0,308	-0,005	0,011	0,188	FALSE
-0,081	0,305	-0,002	0,006	0,114	FALSE
0,035	0,315	0,002	0,007	0,092	FALSE
0,011	0,309	0,000	0,009	0,019	FALSE
-0,040	0,300	-0,001	0,007	0,047	FALSE
-0,134	0,319	-0,003	0,008	0,178	FALSE
0,116	0,305	0,004	0,010	0,135	FALSE
0,121	0,315	0,003	0,007	0,152	FALSE
-0,089	0,306	-0,004	0,012	0,123	FALSE
0,154	0,326	0,007	0,014	0,219	FALSE
0,175	0,302	0,006	0,010	0,245	FALSE
-0,122	0,313	-0,004	0,010	0,164	FALSE
-0,085	0,310	-0,003	0,011	0,111	FALSE
-0,077	0,295	-0,003	0,012	0,085	FALSE
-0,079	0,297	-0,003	0,012	0,088	FALSE
0,070	0,299	0,002	0,012	0,066	FALSE
-0,043	0,317	-0,002	0,012	0,051	FALSE
-0,044	0,300	-0,001	0,012	0,044	FALSE
0,031	0,300	0,002	0,010	0,057	FALSE

0,094	0,301	0,002	0,007	0,121	FALSE
-0,008	0,311	0,001	0,011	0,020	FALSE
0,033	0,300	0,001	0,007	0,056	FALSE
0,051	0,292	0,001	0,010	0,051	FALSE
0,034	0,316	0,002	0,012	0,054	FALSE
0,066	0,300	0,003	0,013	0,087	FALSE
-0,067	0,313	-0,003	0,013	0,099	FALSE
0,023	0,321	0,001	0,007	0,045	FALSE
-0,061	0,316	-0,002	0,013	0,067	FALSE
-0,106	0,317	-0,003	0,008	0,134	FALSE
-0,136	0,312	-0,006	0,013	0,182	FALSE
-0,163	0,306	-0,006	0,011	0,229	FALSE
0,047	0,307	0,001	0,007	0,047	FALSE
0,046	0,294	0,001	0,007	0,064	FALSE
-0,036	0,315	0,000	0,006	0,022	FALSE
-0,139	0,305	-0,004	0,011	0,153	FALSE
0,017	0,313	0,001	0,010	0,023	FALSE
-0,158	0,303	-0,003	0,007	0,189	FALSE
0,048	0,318	0,001	0,013	0,020	FALSE
-0,161	0,314	-0,003	0,008	0,189	FALSE
-0,063	0,310	-0,002	0,011	0,057	FALSE
-0,055	0,304	-0,001	0,006	0,058	FALSE
-0,041	0,300	0,000	0,008	0,014	FALSE
-0,023	0,302	0,000	0,007	0,008	FALSE
0,018	0,303	0,002	0,011	0,071	FALSE
-0,095	0,308	-0,003	0,010	0,125	FALSE
0,040	0,305	0,001	0,013	0,027	FALSE
0,023	0,305	0,000	0,008	0,002	FALSE
0,025	0,304	0,000	0,008	0,007	FALSE
0,051	0,308	0,002	0,010	0,075	FALSE
0,022	0,307	0,002	0,013	0,045	FALSE
-0,037	0,312	-0,002	0,013	0,063	FALSE
0,054	0,294	0,001	0,008	0,043	FALSE
0,036	0,311	0,001	0,007	0,062	FALSE
-0,082	0,308	-0,003	0,013	0,098	FALSE
-0,082	0,303	-0,003	0,010	0,111	FALSE
0,144	0,310	0,003	0,007	0,198	FALSE
-0,096	0,301	-0,003	0,010	0,120	FALSE
-0,099	0,314	-0,003	0,010	0,119	FALSE
0,104	0,313	0,003	0,010	0,110	FALSE
-0,009	0,301	0,001	0,011	0,019	FALSE
-0,083	0,306	-0,004	0,013	0,117	FALSE
0,121	0,308	0,005	0,010	0,178	FALSE
0,127	0,308	0,004	0,008	0,185	FALSE
-0,096	0,304	-0,002	0,008	0,108	FALSE
0,053	0,297	0,002	0,011	0,052	FALSE
-0,120	0,304	-0,004	0,011	0,161	FALSE
0,135	0,309	0,005	0,010	0,229	FALSE
0,030	0,310	0,001	0,007	0,037	FALSE
-0,087	0,311	-0,003	0,010	0,101	FALSE
0,147	0,309	0,004	0,008	0,198	FALSE
-0,023	0,302	-0,001	0,010	0,049	FALSE
0,017	0,305	0,001	0,007	0,042	FALSE

-0,075	0,305	-0,002	0,009	0,102	FALSE
0,039	0,300	0,001	0,013	0,042	FALSE
-0,051	0,302	-0,002	0,013	0,060	FALSE
-0,017	0,294	-0,001	0,013	0,031	FALSE
-0,045	0,313	-0,001	0,010	0,044	FALSE
-0,006	0,298	-0,001	0,011	0,041	FALSE
0,046	0,308	0,001	0,011	0,046	FALSE
0,025	0,326	0,001	0,011	0,026	FALSE
-0,058	0,303	-0,001	0,011	0,048	FALSE
-0,016	0,311	0,000	0,013	0,007	FALSE
0,034	0,305	0,001	0,009	0,063	FALSE
0,004	0,304	0,000	0,008	0,007	FALSE
-0,022	0,307	0,000	0,009	0,015	FALSE
-0,122	0,321	-0,005	0,011	0,192	FALSE
0,010	0,315	0,000	0,011	0,014	FALSE
0,011	0,300	0,000	0,007	0,010	FALSE
-0,158	0,315	-0,006	0,012	0,216	FALSE
-0,011	0,311	-0,001	0,007	0,032	FALSE
-0,017	0,313	0,000	0,006	0,019	FALSE
0,103	0,319	0,003	0,009	0,116	FALSE
0,087	0,312	0,002	0,008	0,117	FALSE
0,052	0,317	0,002	0,013	0,055	FALSE
-0,064	0,317	-0,003	0,012	0,086	FALSE
0,052	0,309	0,002	0,013	0,054	FALSE
0,035	0,321	0,000	0,009	0,020	FALSE
0,101	0,309	0,003	0,008	0,125	FALSE
0,080	0,309	0,002	0,008	0,102	FALSE
0,077	0,308	0,002	0,010	0,086	FALSE
0,011	0,309	0,000	0,010	0,013	FALSE
-0,062	0,315	-0,003	0,012	0,084	FALSE
-0,038	0,308	-0,001	0,007	0,046	FALSE
0,106	0,300	0,005	0,012	0,161	FALSE
-0,005	0,289	0,001	0,010	0,024	FALSE
-0,052	0,308	-0,001	0,013	0,035	FALSE
-0,055	0,302	-0,002	0,010	0,074	FALSE
0,080	0,311	0,002	0,010	0,083	FALSE
-0,107	0,307	-0,003	0,008	0,122	FALSE
0,156	0,305	0,007	0,012	0,243	FALSE
0,041	0,300	0,002	0,011	0,082	FALSE
-0,052	0,299	-0,001	0,009	0,055	FALSE
0,064	0,308	0,001	0,010	0,056	FALSE
0,030	0,309	0,001	0,009	0,053	FALSE
-0,082	0,302	-0,003	0,012	0,101	FALSE
0,006	0,298	0,000	0,011	0,002	FALSE
0,037	0,315	0,002	0,012	0,075	FALSE
0,102	0,300	0,002	0,011	0,077	FALSE
-0,052	0,326	-0,001	0,009	0,048	FALSE
0,022	0,301	0,001	0,008	0,031	FALSE
0,095	0,302	0,005	0,012	0,150	FALSE
0,068	0,300	0,002	0,011	0,067	FALSE
-0,106	0,313	-0,003	0,009	0,136	FALSE
-0,089	0,302	-0,003	0,009	0,115	FALSE
-0,107	0,308	-0,003	0,008	0,127	FALSE

-0,098	0,308	-0,003	0,008	0,124	FALSE
-0,016	0,309	-0,001	0,012	0,038	FALSE
0,087	0,306	0,002	0,009	0,075	FALSE
0,154	0,294	0,005	0,010	0,212	FALSE
-0,038	0,299	-0,001	0,012	0,028	FALSE
-0,112	0,307	-0,003	0,009	0,123	FALSE
-0,130	0,332	-0,005	0,011	0,193	FALSE
0,129	0,319	0,003	0,009	0,127	FALSE
-0,005	0,312	0,000	0,008	0,015	FALSE
0,010	0,307	0,000	0,011	0,003	FALSE
0,050	0,316	0,002	0,013	0,061	FALSE
0,050	0,310	0,002	0,011	0,056	FALSE
0,050	0,320	0,001	0,011	0,048	FALSE
-0,090	0,300	-0,002	0,007	0,113	FALSE
0,019	0,317	0,001	0,010	0,037	FALSE
-0,090	0,299	-0,003	0,008	0,125	FALSE
0,174	0,308	0,003	0,006	0,216	FALSE
-0,058	0,299	-0,002	0,012	0,052	FALSE
0,001	0,304	0,000	0,012	0,014	FALSE
-0,167	0,307	-0,004	0,007	0,228	FALSE
-0,121	0,288	-0,002	0,006	0,182	FALSE
-0,126	0,297	-0,003	0,006	0,181	FALSE
0,058	0,302	0,002	0,007	0,098	FALSE
-0,005	0,304	0,000	0,007	0,003	FALSE
-0,009	0,306	-0,001	0,008	0,031	FALSE
0,043	0,300	0,003	0,012	0,086	FALSE
-0,073	0,303	-0,003	0,012	0,106	FALSE
0,098	0,315	0,004	0,013	0,111	FALSE
0,041	0,305	0,001	0,007	0,064	FALSE
-0,037	0,296	-0,002	0,012	0,048	FALSE
-0,003	0,321	0,000	0,007	0,010	FALSE
0,164	0,310	0,005	0,011	0,210	FALSE
0,190	0,296	0,008	0,013	0,292	FALSE
-0,073	0,314	-0,001	0,007	0,073	FALSE
0,031	0,297	0,001	0,009	0,054	FALSE
-0,031	0,304	-0,001	0,008	0,058	FALSE
-0,017	0,302	-0,001	0,008	0,039	FALSE
0,028	0,308	0,002	0,011	0,073	FALSE
-0,075	0,322	-0,003	0,012	0,105	FALSE
0,032	0,305	0,001	0,008	0,055	FALSE
0,070	0,299	0,002	0,012	0,045	FALSE
0,056	0,298	0,001	0,006	0,085	FALSE
-0,097	0,292	-0,002	0,008	0,120	FALSE
-0,048	0,300	-0,001	0,007	0,048	FALSE
-0,050	0,300	-0,001	0,007	0,070	FALSE
-0,030	0,303	-0,001	0,008	0,038	FALSE
0,016	0,303	0,001	0,011	0,020	FALSE
0,099	0,304	0,002	0,008	0,110	FALSE
0,105	0,288	0,002	0,007	0,126	FALSE
-0,116	0,312	-0,004	0,012	0,142	FALSE
0,013	0,307	0,000	0,011	0,006	FALSE
-0,003	0,315	0,000	0,010	0,001	FALSE
0,038	0,319	0,001	0,007	0,029	FALSE

-0,080	0,311	-0,002	0,006	0,102	FALSE
0,037	0,320	0,002	0,012	0,059	FALSE
0,107	0,304	0,003	0,007	0,151	FALSE
0,012	0,304	0,001	0,012	0,044	FALSE
0,016	0,305	-0,001	0,011	0,017	FALSE
0,043	0,309	0,001	0,008	0,041	FALSE
0,123	0,291	0,003	0,007	0,174	FALSE
-0,038	0,303	-0,001	0,011	0,035	FALSE
-0,060	0,308	-0,003	0,013	0,085	FALSE
-0,119	0,319	-0,004	0,010	0,147	FALSE
0,012	0,309	0,000	0,011	0,008	FALSE
-0,007	0,300	0,000	0,011	0,008	FALSE
-0,062	0,290	-0,001	0,008	0,048	FALSE
0,009	0,314	0,000	0,007	0,017	FALSE
-0,131	0,294	-0,003	0,006	0,175	FALSE
0,008	0,308	0,001	0,009	0,047	FALSE
-0,148	0,294	-0,005	0,010	0,200	FALSE
0,149	0,305	0,004	0,008	0,223	FALSE
0,046	0,309	0,001	0,009	0,041	FALSE
-0,048	0,301	-0,002	0,012	0,057	FALSE
-0,004	0,308	0,000	0,009	0,017	FALSE
0,136	0,309	0,005	0,010	0,195	FALSE
0,096	0,306	0,003	0,009	0,123	FALSE
0,088	0,308	0,003	0,013	0,095	FALSE
-0,050	0,313	-0,001	0,008	0,045	FALSE
0,075	0,306	0,002	0,013	0,074	FALSE
-0,116	0,293	-0,003	0,008	0,146	FALSE
-0,067	0,323	-0,002	0,009	0,081	FALSE
0,101	0,298	0,005	0,012	0,149	FALSE
0,007	0,298	0,000	0,008	0,014	FALSE
-0,182	0,310	-0,006	0,010	0,253	FALSE
0,059	0,308	0,002	0,008	0,110	FALSE
-0,043	0,312	-0,001	0,007	0,066	FALSE
-0,067	0,317	-0,002	0,011	0,058	FALSE
0,050	0,309	0,001	0,008	0,065	FALSE
-0,101	0,295	-0,004	0,012	0,118	FALSE
-0,074	0,311	-0,002	0,007	0,088	FALSE
-0,016	0,302	-0,002	0,012	0,046	FALSE
-0,054	0,312	-0,002	0,007	0,081	FALSE
-0,098	0,305	-0,003	0,010	0,112	FALSE
-0,105	0,302	-0,004	0,009	0,162	FALSE
-0,029	0,312	-0,002	0,012	0,059	FALSE
-0,066	0,315	-0,001	0,007	0,061	FALSE
-0,070	0,313	-0,001	0,007	0,058	FALSE
0,062	0,305	0,003	0,013	0,087	FALSE
0,002	0,305	-0,002	0,012	0,047	FALSE
0,003	0,304	0,000	0,006	0,001	FALSE
-0,050	0,303	-0,001	0,007	0,026	FALSE
-0,167	0,297	-0,003	0,006	0,234	FALSE
-0,073	0,307	-0,002	0,012	0,076	FALSE
-0,007	0,317	0,000	0,011	0,012	FALSE
-0,016	0,297	0,000	0,010	0,005	FALSE
-0,011	0,315	0,001	0,011	0,018	FALSE

0,076	0,307	0,001	0,008	0,070	FALSE
-0,048	0,307	-0,002	0,008	0,077	FALSE
0,029	0,313	0,000	0,007	0,024	FALSE
0,069	0,304	0,002	0,007	0,106	FALSE
-0,004	0,298	0,000	0,007	0,011	FALSE
-0,047	0,310	-0,001	0,010	0,027	FALSE
0,049	0,316	0,002	0,009	0,065	FALSE
0,096	0,293	0,004	0,012	0,124	FALSE
-0,002	0,304	0,000	0,006	0,014	FALSE
-0,067	0,316	-0,001	0,007	0,077	FALSE
0,104	0,322	0,004	0,010	0,150	FALSE
-0,050	0,317	-0,001	0,013	0,036	FALSE
-0,007	0,311	0,000	0,011	0,003	FALSE
-0,040	0,295	-0,001	0,009	0,065	FALSE
-0,018	0,309	0,000	0,007	0,021	FALSE
-0,093	0,301	-0,002	0,007	0,105	FALSE
-0,139	0,318	-0,004	0,008	0,203	FALSE
0,014	0,301	0,001	0,011	0,033	FALSE
0,109	0,307	0,003	0,007	0,140	FALSE
0,025	0,311	0,000	0,013	0,009	FALSE
-0,048	0,302	-0,001	0,010	0,025	FALSE
-0,080	0,322	-0,002	0,008	0,098	FALSE
0,009	0,299	0,000	0,012	0,001	FALSE
-0,114	0,306	-0,003	0,009	0,144	FALSE
0,037	0,320	0,001	0,013	0,036	FALSE
-0,079	0,306	-0,003	0,011	0,108	FALSE
0,049	0,302	0,003	0,013	0,092	FALSE
-0,046	0,318	-0,001	0,010	0,052	FALSE
-0,116	0,300	-0,002	0,006	0,141	FALSE
-0,101	0,303	-0,002	0,008	0,113	FALSE
0,018	0,313	0,000	0,011	0,003	FALSE
0,136	0,301	0,003	0,008	0,139	FALSE
0,086	0,304	0,002	0,006	0,097	FALSE
0,019	0,306	0,001	0,010	0,028	FALSE
-0,123	0,305	-0,003	0,007	0,154	FALSE
-0,067	0,317	-0,002	0,010	0,069	FALSE
0,014	0,304	0,001	0,010	0,026	FALSE
0,095	0,308	0,003	0,010	0,114	FALSE
-0,079	0,309	-0,003	0,012	0,098	FALSE
-0,146	0,294	-0,004	0,008	0,220	FALSE
-0,074	0,301	-0,003	0,013	0,100	FALSE
0,081	0,299	0,002	0,006	0,143	FALSE
0,140	0,306	0,003	0,006	0,221	FALSE
0,030	0,315	0,001	0,008	0,059	FALSE
-0,096	0,310	-0,004	0,012	0,120	FALSE
-0,006	0,310	0,001	0,011	0,020	FALSE
-0,148	0,297	-0,007	0,012	0,234	FALSE
-0,141	0,306	-0,007	0,012	0,229	FALSE
0,064	0,311	0,003	0,012	0,106	FALSE
-0,063	0,292	-0,001	0,006	0,042	FALSE
-0,044	0,307	-0,001	0,012	0,044	FALSE
-0,057	0,316	-0,001	0,007	0,050	FALSE
-0,081	0,309	-0,003	0,012	0,096	FALSE

-0,023	0,312	0,000	0,010	0,014	FALSE
-0,059	0,299	-0,003	0,013	0,089	FALSE
0,014	0,301	0,001	0,010	0,018	FALSE
0,095	0,301	0,003	0,011	0,112	FALSE
0,086	0,292	0,003	0,012	0,113	FALSE
-0,022	0,302	0,000	0,011	0,014	FALSE
-0,002	0,299	0,000	0,012	0,011	FALSE
-0,130	0,319	-0,003	0,008	0,156	FALSE
-0,046	0,307	-0,003	0,012	0,082	FALSE
-0,021	0,301	0,000	0,007	0,001	FALSE
-0,109	0,288	-0,004	0,009	0,155	FALSE
0,074	0,302	0,002	0,007	0,099	FALSE
0,097	0,321	0,002	0,007	0,132	FALSE
-0,114	0,306	-0,005	0,013	0,153	FALSE
0,061	0,305	0,002	0,006	0,106	FALSE
-0,017	0,299	0,000	0,012	0,009	FALSE
0,030	0,306	0,002	0,013	0,046	FALSE
-0,068	0,314	-0,002	0,008	0,087	FALSE
-0,082	0,301	-0,003	0,012	0,113	FALSE
-0,058	0,311	-0,002	0,007	0,083	FALSE
0,056	0,311	0,001	0,009	0,048	FALSE
-0,006	0,299	0,000	0,007	0,008	FALSE
-0,079	0,300	-0,003	0,010	0,133	FALSE
-0,027	0,301	0,000	0,006	0,012	FALSE
-0,023	0,300	-0,001	0,013	0,033	FALSE
0,079	0,299	0,002	0,010	0,095	FALSE
0,030	0,304	0,001	0,010	0,029	FALSE
0,001	0,297	0,000	0,010	0,010	FALSE
-0,001	0,298	0,000	0,010	0,016	FALSE
-0,123	0,294	-0,005	0,012	0,158	FALSE
0,045	0,326	0,001	0,008	0,040	FALSE
0,016	0,316	0,000	0,013	0,001	FALSE
0,025	0,310	0,000	0,008	0,007	FALSE
0,016	0,303	0,001	0,007	0,029	FALSE
-0,034	0,324	-0,001	0,012	0,036	FALSE
-0,056	0,316	-0,001	0,012	0,041	FALSE
0,099	0,306	0,002	0,007	0,135	FALSE
0,143	0,299	0,006	0,011	0,219	FALSE
0,182	0,297	0,006	0,011	0,263	FALSE
0,154	0,303	0,006	0,011	0,224	FALSE
0,178	0,305	0,006	0,011	0,254	FALSE
-0,090	0,304	-0,003	0,012	0,081	FALSE
0,041	0,296	0,001	0,008	0,034	FALSE
0,023	0,309	0,000	0,007	0,007	FALSE
0,022	0,314	0,001	0,009	0,024	FALSE
-0,009	0,300	-0,001	0,008	0,033	FALSE
0,001	0,312	0,000	0,012	0,005	FALSE
0,066	0,303	0,001	0,007	0,074	FALSE
-0,019	0,306	0,000	0,008	0,007	FALSE
-0,068	0,311	-0,003	0,012	0,100	FALSE
0,000	0,310	-0,001	0,008	0,026	FALSE
0,028	0,288	0,001	0,010	0,050	FALSE
-0,003	0,305	0,000	0,010	0,017	FALSE

0,041	0,306	0,001	0,013	0,039	FALSE
-0,088	0,305	-0,002	0,008	0,102	FALSE
-0,095	0,305	-0,002	0,008	0,116	FALSE
-0,033	0,315	-0,001	0,011	0,042	FALSE
0,086	0,311	0,002	0,007	0,097	FALSE
-0,009	0,321	0,000	0,007	0,019	FALSE
0,018	0,294	0,000	0,012	0,013	FALSE
0,051	0,302	0,001	0,012	0,020	FALSE
-0,023	0,298	0,000	0,006	0,016	FALSE
-0,025	0,309	0,000	0,007	0,013	FALSE
0,112	0,301	0,004	0,011	0,128	FALSE
-0,067	0,317	-0,003	0,011	0,103	FALSE
-0,087	0,312	-0,003	0,012	0,092	FALSE
-0,057	0,289	-0,002	0,008	0,081	FALSE
0,011	0,314	0,001	0,012	0,017	FALSE
-0,057	0,304	-0,002	0,008	0,090	FALSE
-0,002	0,305	0,000	0,008	0,014	FALSE
-0,118	0,309	-0,003	0,007	0,157	FALSE
0,079	0,290	0,003	0,011	0,093	FALSE
0,077	0,305	0,002	0,007	0,102	FALSE
-0,015	0,303	-0,001	0,011	0,033	FALSE
-0,017	0,311	0,000	0,012	0,000	FALSE
-0,030	0,302	-0,001	0,011	0,018	FALSE
-0,098	0,307	-0,002	0,007	0,121	FALSE
-0,089	0,306	-0,002	0,011	0,087	FALSE
-0,095	0,304	-0,002	0,007	0,131	FALSE
0,140	0,309	0,006	0,012	0,193	FALSE
0,096	0,300	0,003	0,007	0,138	FALSE
0,112	0,308	0,004	0,011	0,121	FALSE
0,113	0,299	0,004	0,011	0,129	FALSE
0,049	0,307	0,002	0,012	0,055	FALSE
0,177	0,302	0,007	0,013	0,225	FALSE
0,087	0,317	0,002	0,007	0,129	FALSE
0,107	0,308	0,002	0,011	0,084	FALSE
-0,116	0,300	-0,003	0,008	0,172	FALSE
0,088	0,297	0,005	0,012	0,150	FALSE
0,012	0,314	0,000	0,010	0,008	FALSE
0,111	0,303	0,002	0,006	0,124	FALSE
0,015	0,313	0,001	0,012	0,036	FALSE
0,010	0,304	0,000	0,006	0,023	FALSE
0,077	0,309	0,001	0,007	0,075	FALSE
0,037	0,299	0,001	0,007	0,074	FALSE
0,050	0,308	0,001	0,013	0,025	FALSE
0,040	0,314	0,000	0,013	0,008	FALSE
-0,048	0,313	-0,002	0,013	0,047	FALSE
0,090	0,293	0,002	0,006	0,146	FALSE
0,008	0,302	-0,001	0,012	0,015	FALSE
-0,125	0,299	-0,005	0,012	0,162	FALSE
0,145	0,311	0,005	0,011	0,179	FALSE
-0,065	0,300	-0,001	0,007	0,061	FALSE
-0,011	0,313	0,000	0,007	0,012	FALSE
-0,094	0,294	-0,003	0,010	0,117	FALSE
-0,115	0,294	-0,004	0,009	0,155	FALSE

-0,068	0,309	-0,004	0,012	0,110	FALSE
0,025	0,306	0,000	0,007	0,005	FALSE
-0,121	0,315	-0,003	0,007	0,156	FALSE
-0,031	0,322	0,000	0,007	0,006	FALSE
-0,050	0,305	-0,002	0,013	0,065	FALSE
0,047	0,302	0,002	0,011	0,065	FALSE
0,019	0,313	0,000	0,008	0,020	FALSE
-0,090	0,316	-0,003	0,011	0,110	FALSE
0,016	0,306	0,000	0,009	0,004	FALSE
0,043	0,300	0,001	0,007	0,058	FALSE
-0,004	0,308	0,000	0,011	0,007	FALSE
0,039	0,300	0,001	0,012	0,040	FALSE
0,146	0,297	0,004	0,010	0,172	FALSE
-0,068	0,312	-0,002	0,010	0,080	FALSE
-0,073	0,307	-0,002	0,010	0,084	FALSE
0,012	0,308	0,001	0,010	0,051	FALSE
0,001	0,317	0,000	0,009	0,004	FALSE
0,102	0,294	0,003	0,011	0,103	FALSE
0,123	0,310	0,005	0,011	0,161	FALSE
-0,132	0,310	-0,004	0,009	0,161	FALSE
-0,127	0,291	-0,004	0,011	0,162	FALSE
-0,056	0,304	-0,001	0,007	0,056	FALSE
0,046	0,313	0,002	0,010	0,056	FALSE
0,076	0,308	0,002	0,012	0,076	FALSE
-0,095	0,309	-0,003	0,009	0,106	FALSE
-0,018	0,301	-0,001	0,012	0,033	FALSE
-0,027	0,307	-0,002	0,013	0,043	FALSE
-0,020	0,312	0,000	0,011	0,000	FALSE
-0,092	0,311	-0,002	0,007	0,112	FALSE
0,011	0,308	0,001	0,011	0,029	FALSE
-0,103	0,319	-0,005	0,012	0,171	FALSE
0,000	0,300	0,000	0,010	0,009	FALSE
-0,034	0,297	-0,001	0,011	0,046	FALSE
-0,064	0,315	-0,001	0,007	0,070	FALSE
0,032	0,306	0,001	0,009	0,042	FALSE
-0,008	0,303	0,000	0,007	0,023	FALSE
0,019	0,305	0,000	0,008	0,018	FALSE
0,030	0,312	0,001	0,008	0,040	FALSE
0,040	0,307	0,001	0,008	0,065	FALSE
-0,014	0,319	0,000	0,011	0,006	FALSE
0,027	0,300	0,000	0,011	0,008	FALSE
0,023	0,299	0,001	0,007	0,064	FALSE
0,051	0,310	0,002	0,007	0,095	FALSE
-0,034	0,304	-0,002	0,013	0,049	FALSE
-0,041	0,318	-0,002	0,013	0,053	FALSE
0,044	0,311	0,001	0,007	0,052	FALSE
0,003	0,304	0,000	0,008	0,017	FALSE
0,066	0,312	0,002	0,009	0,091	FALSE
0,042	0,318	0,002	0,009	0,070	FALSE
0,079	0,315	0,003	0,009	0,117	FALSE
0,124	0,319	0,005	0,013	0,160	FALSE
0,070	0,302	0,002	0,008	0,086	FALSE
0,008	0,295	0,001	0,006	0,038	FALSE

-0,049	0,310	-0,003	0,012	0,102	FALSE
0,043	0,303	0,001	0,008	0,053	FALSE
0,076	0,308	0,002	0,007	0,097	FALSE
-0,011	0,301	0,000	0,009	0,012	FALSE
-0,090	0,313	-0,002	0,010	0,094	FALSE
-0,008	0,312	0,000	0,013	0,010	FALSE
-0,120	0,297	-0,004	0,011	0,160	FALSE
-0,012	0,323	0,000	0,009	0,015	FALSE
0,062	0,314	0,003	0,010	0,098	FALSE
0,053	0,303	0,003	0,010	0,099	FALSE
-0,040	0,307	-0,001	0,007	0,061	FALSE
-0,072	0,313	-0,001	0,007	0,045	FALSE
-0,041	0,317	-0,001	0,008	0,055	FALSE
-0,006	0,304	0,000	0,012	0,006	FALSE
-0,043	0,312	-0,002	0,012	0,059	FALSE
-0,190	0,298	-0,006	0,010	0,282	FALSE
0,065	0,300	0,002	0,008	0,072	FALSE
0,016	0,315	0,000	0,008	0,017	FALSE
-0,005	0,318	0,000	0,007	0,006	FALSE
-0,145	0,306	-0,006	0,012	0,225	FALSE
0,154	0,298	0,004	0,008	0,215	FALSE
0,042	0,318	0,001	0,011	0,043	FALSE
0,162	0,311	0,005	0,011	0,216	FALSE
0,051	0,316	0,002	0,012	0,063	FALSE
-0,013	0,314	-0,001	0,008	0,023	FALSE
0,115	0,306	0,002	0,006	0,136	FALSE
-0,053	0,309	-0,001	0,008	0,052	FALSE
-0,016	0,308	-0,001	0,007	0,036	FALSE
0,020	0,314	0,000	0,007	0,025	FALSE
0,001	0,319	0,000	0,007	0,000	FALSE
-0,078	0,308	-0,003	0,009	0,136	FALSE
-0,050	0,319	-0,002	0,010	0,065	FALSE
0,013	0,316	0,001	0,007	0,029	FALSE
-0,003	0,316	0,000	0,013	0,006	FALSE
0,006	0,291	0,000	0,010	0,010	FALSE
0,013	0,293	0,000	0,011	0,013	FALSE
0,078	0,299	0,003	0,011	0,102	FALSE
0,048	0,308	0,002	0,013	0,068	FALSE
0,074	0,306	0,002	0,007	0,105	FALSE
-0,035	0,316	-0,001	0,012	0,038	FALSE
0,083	0,325	0,003	0,012	0,099	FALSE
0,047	0,311	0,001	0,012	0,042	FALSE
0,243	0,310	0,007	0,009	0,343	FALSE
-0,005	0,299	-0,001	0,008	0,039	FALSE
-0,024	0,306	-0,002	0,012	0,059	FALSE
-0,026	0,300	-0,002	0,011	0,060	FALSE
0,075	0,301	0,003	0,008	0,133	FALSE
0,067	0,309	0,003	0,009	0,116	FALSE
-0,027	0,327	-0,001	0,011	0,049	FALSE
0,032	0,308	0,002	0,010	0,056	FALSE
-0,003	0,293	0,000	0,010	0,005	FALSE
0,028	0,321	0,001	0,012	0,034	FALSE
0,041	0,305	0,002	0,010	0,055	FALSE

0,064	0,308	0,003	0,013	0,089	FALSE
0,016	0,294	0,001	0,010	0,024	FALSE
-0,207	0,294	-0,004	0,006	0,286	FALSE
0,092	0,309	0,003	0,011	0,097	FALSE
-0,040	0,300	-0,001	0,009	0,036	FALSE
0,017	0,310	0,001	0,010	0,051	FALSE
-0,087	0,304	-0,004	0,012	0,120	FALSE
-0,019	0,322	-0,001	0,013	0,027	FALSE
-0,063	0,294	-0,002	0,009	0,061	FALSE
0,029	0,300	0,000	0,012	0,007	FALSE
0,024	0,318	0,001	0,013	0,019	FALSE
-0,017	0,307	0,000	0,011	0,006	FALSE
0,162	0,306	0,007	0,013	0,238	FALSE
-0,027	0,310	-0,001	0,008	0,051	FALSE
-0,069	0,313	-0,002	0,010	0,081	FALSE
-0,074	0,305	-0,002	0,008	0,075	FALSE
0,091	0,304	0,004	0,010	0,149	FALSE
-0,172	0,304	-0,007	0,012	0,266	FALSE
-0,089	0,309	-0,002	0,007	0,134	FALSE
0,049	0,312	0,001	0,009	0,031	FALSE
-0,036	0,322	-0,001	0,008	0,035	FALSE
0,020	0,315	0,001	0,011	0,025	FALSE
0,031	0,308	0,001	0,009	0,058	FALSE
0,036	0,302	0,001	0,010	0,056	FALSE
-0,071	0,310	-0,003	0,012	0,080	FALSE
-0,031	0,303	-0,001	0,013	0,036	FALSE
-0,016	0,301	-0,001	0,012	0,044	FALSE
0,043	0,317	0,002	0,011	0,060	FALSE
-0,083	0,309	-0,003	0,012	0,093	FALSE
-0,048	0,306	-0,002	0,008	0,078	FALSE
0,023	0,307	0,001	0,012	0,044	FALSE
0,062	0,305	0,002	0,011	0,080	FALSE
-0,096	0,308	-0,003	0,013	0,083	FALSE
-0,130	0,301	-0,004	0,012	0,127	FALSE
0,048	0,292	0,002	0,008	0,076	FALSE
-0,116	0,300	-0,003	0,008	0,181	FALSE
0,046	0,322	0,002	0,011	0,081	FALSE
0,090	0,286	0,001	0,006	0,088	FALSE
0,115	0,300	0,003	0,008	0,139	FALSE
-0,049	0,315	-0,001	0,007	0,061	FALSE
0,049	0,293	0,003	0,013	0,076	FALSE
0,038	0,309	0,001	0,008	0,043	FALSE
0,011	0,296	0,000	0,008	0,006	FALSE
-0,029	0,315	-0,001	0,010	0,040	FALSE
0,013	0,302	0,001	0,011	0,019	FALSE
-0,042	0,298	-0,001	0,006	0,049	FALSE
0,146	0,311	0,004	0,008	0,191	FALSE
-0,047	0,300	-0,003	0,010	0,106	FALSE
-0,167	0,311	-0,004	0,008	0,206	FALSE
0,018	0,309	0,000	0,008	0,008	FALSE
-0,122	0,305	-0,005	0,012	0,155	FALSE
0,007	0,309	0,001	0,012	0,034	FALSE
-0,019	0,305	-0,002	0,012	0,049	FALSE

-0,020	0,310	-0,001	0,009	0,032	FALSE
-0,023	0,306	0,000	0,008	0,016	FALSE
0,027	0,313	0,001	0,013	0,027	FALSE
-0,083	0,298	-0,004	0,012	0,128	FALSE
-0,134	0,289	-0,007	0,012	0,247	FALSE
0,045	0,299	0,001	0,012	0,020	FALSE
0,022	0,303	0,000	0,012	0,008	FALSE
0,047	0,299	0,001	0,012	0,023	FALSE
0,037	0,306	0,000	0,012	0,004	FALSE
0,010	0,314	0,000	0,013	0,013	FALSE
0,026	0,290	0,000	0,011	0,013	FALSE
0,007	0,307	0,000	0,010	0,013	FALSE
0,150	0,300	0,003	0,006	0,208	FALSE
0,027	0,305	0,001	0,007	0,055	FALSE
-0,044	0,309	-0,001	0,009	0,054	FALSE
0,017	0,311	0,000	0,011	0,007	FALSE
-0,062	0,308	-0,001	0,007	0,046	FALSE
-0,008	0,306	0,000	0,006	0,026	FALSE
0,031	0,315	0,002	0,011	0,055	FALSE
0,127	0,292	0,005	0,010	0,202	FALSE
-0,014	0,311	-0,002	0,012	0,061	FALSE
0,003	0,311	0,001	0,009	0,022	FALSE
0,022	0,307	0,001	0,009	0,046	FALSE
-0,169	0,298	-0,006	0,011	0,223	FALSE
-0,202	0,297	-0,007	0,011	0,272	FALSE
-0,198	0,291	-0,007	0,011	0,282	FALSE
0,041	0,323	0,001	0,009	0,040	FALSE
0,031	0,312	0,000	0,008	0,009	FALSE
-0,005	0,312	0,000	0,010	0,011	FALSE
-0,080	0,301	-0,002	0,008	0,097	FALSE
0,209	0,302	0,009	0,013	0,308	FALSE
0,094	0,313	0,002	0,008	0,106	FALSE
0,153	0,293	0,005	0,009	0,235	FALSE
0,030	0,307	0,001	0,011	0,035	FALSE
0,003	0,287	0,001	0,010	0,018	FALSE
-0,122	0,298	-0,003	0,007	0,178	FALSE
-0,043	0,299	-0,001	0,012	0,041	FALSE
-0,113	0,303	-0,003	0,007	0,158	FALSE
-0,089	0,299	-0,004	0,012	0,124	FALSE
0,054	0,316	0,002	0,013	0,060	FALSE
-0,122	0,304	-0,003	0,007	0,142	FALSE
-0,038	0,305	-0,001	0,007	0,027	FALSE
-0,013	0,309	0,000	0,007	0,020	FALSE
0,150	0,306	0,006	0,011	0,221	FALSE
-0,060	0,294	-0,001	0,006	0,068	FALSE
0,074	0,294	0,002	0,010	0,061	FALSE
-0,041	0,305	-0,001	0,007	0,080	FALSE
-0,042	0,323	-0,001	0,007	0,068	FALSE
-0,055	0,305	-0,001	0,009	0,051	FALSE
-0,043	0,315	-0,001	0,010	0,029	FALSE
0,085	0,300	0,002	0,010	0,065	FALSE
0,046	0,306	0,001	0,008	0,048	FALSE
-0,111	0,313	-0,002	0,006	0,137	FALSE

0,020	0,306	0,001	0,009	0,031	FALSE
0,123	0,302	0,003	0,006	0,196	FALSE
-0,103	0,321	-0,004	0,012	0,133	FALSE
-0,117	0,314	-0,003	0,008	0,145	FALSE
0,018	0,308	0,001	0,010	0,035	FALSE
0,028	0,297	0,001	0,011	0,047	FALSE
0,023	0,315	0,002	0,012	0,048	FALSE
-0,110	0,311	-0,002	0,009	0,093	FALSE
-0,083	0,303	-0,002	0,008	0,075	FALSE
-0,033	0,319	0,000	0,007	0,020	FALSE
-0,010	0,322	0,000	0,009	0,009	FALSE
0,038	0,297	0,001	0,010	0,051	FALSE
0,053	0,307	0,001	0,008	0,074	FALSE
-0,008	0,302	0,000	0,008	0,005	FALSE
-0,157	0,304	-0,006	0,013	0,200	FALSE
-0,164	0,311	-0,006	0,014	0,186	FALSE
0,100	0,305	0,003	0,010	0,134	FALSE
0,123	0,307	0,003	0,009	0,145	FALSE
-0,007	0,283	0,000	0,013	0,008	FALSE
-0,113	0,298	-0,003	0,011	0,121	FALSE
0,050	0,295	0,001	0,013	0,016	FALSE
0,122	0,304	0,004	0,009	0,189	FALSE
-0,036	0,303	-0,001	0,006	0,046	FALSE
0,014	0,305	0,001	0,008	0,031	FALSE
-0,156	0,310	-0,007	0,013	0,214	FALSE
-0,093	0,304	-0,002	0,007	0,095	FALSE
-0,064	0,307	-0,002	0,007	0,087	FALSE
-0,072	0,302	-0,003	0,013	0,105	FALSE
0,011	0,313	0,000	0,006	0,008	FALSE
0,007	0,299	0,000	0,007	0,002	FALSE
-0,017	0,301	-0,001	0,007	0,028	FALSE
-0,001	0,321	0,000	0,010	0,011	FALSE
0,023	0,294	0,000	0,012	0,001	FALSE
-0,176	0,309	-0,005	0,008	0,264	FALSE
0,094	0,310	0,003	0,008	0,135	FALSE
0,050	0,298	0,002	0,011	0,064	FALSE
0,089	0,315	0,004	0,010	0,151	FALSE
0,088	0,290	0,003	0,010	0,127	FALSE
0,000	0,319	0,000	0,007	0,010	FALSE
0,087	0,301	0,003	0,011	0,112	FALSE
0,076	0,302	0,002	0,007	0,095	FALSE
0,229	0,290	0,010	0,012	0,372	FALSE
0,093	0,302	0,003	0,009	0,110	FALSE
0,169	0,289	0,007	0,011	0,260	FALSE
0,121	0,299	0,005	0,011	0,197	FALSE
-0,007	0,293	-0,001	0,010	0,050	FALSE
-0,009	0,308	0,000	0,011	0,004	FALSE
-0,099	0,296	-0,002	0,007	0,133	FALSE
0,085	0,299	0,003	0,009	0,145	FALSE
0,054	0,320	0,001	0,009	0,058	FALSE
0,124	0,302	0,005	0,012	0,159	FALSE
-0,056	0,303	-0,002	0,008	0,082	FALSE
-0,043	0,303	-0,001	0,008	0,063	FALSE

-0,041	0,304	-0,002	0,013	0,071	FALSE
0,026	0,302	0,000	0,009	0,007	FALSE
0,038	0,310	0,001	0,009	0,022	FALSE
0,123	0,292	0,002	0,007	0,132	FALSE
0,094	0,300	0,004	0,013	0,132	FALSE
0,091	0,297	0,004	0,012	0,122	FALSE
0,112	0,290	0,005	0,012	0,154	FALSE
-0,103	0,312	-0,004	0,012	0,143	FALSE
0,055	0,295	0,002	0,006	0,093	FALSE
-0,055	0,327	-0,001	0,007	0,033	FALSE
-0,058	0,307	-0,001	0,006	0,042	FALSE
-0,046	0,305	0,000	0,006	0,025	FALSE
0,145	0,297	0,004	0,008	0,201	FALSE
-0,197	0,302	-0,005	0,008	0,273	FALSE
-0,121	0,319	-0,004	0,010	0,169	FALSE
0,127	0,306	0,005	0,011	0,203	FALSE
-0,123	0,301	-0,004	0,009	0,176	FALSE
-0,051	0,308	-0,001	0,007	0,051	FALSE
-0,096	0,313	-0,003	0,011	0,108	FALSE
0,067	0,305	0,001	0,008	0,049	FALSE
0,113	0,310	0,002	0,008	0,115	FALSE
-0,062	0,302	-0,001	0,008	0,046	FALSE
0,061	0,292	0,002	0,011	0,057	FALSE
0,073	0,303	0,003	0,012	0,093	FALSE
0,126	0,294	0,004	0,009	0,167	FALSE
-0,070	0,297	-0,002	0,010	0,091	FALSE
0,012	0,313	0,000	0,006	0,019	FALSE
-0,177	0,292	-0,004	0,007	0,274	FALSE
0,015	0,311	0,000	0,012	0,014	FALSE
0,059	0,299	0,003	0,013	0,084	FALSE
-0,028	0,306	-0,002	0,012	0,060	FALSE
0,011	0,319	0,001	0,011	0,020	FALSE
-0,030	0,322	-0,001	0,006	0,034	FALSE
-0,065	0,306	-0,001	0,007	0,064	FALSE
0,054	0,298	0,003	0,013	0,081	FALSE
-0,009	0,318	0,000	0,007	0,009	FALSE
0,066	0,294	0,002	0,009	0,087	FALSE
-0,094	0,323	-0,002	0,007	0,107	FALSE
-0,008	0,308	0,000	0,006	0,001	FALSE
0,053	0,323	0,002	0,011	0,071	FALSE
0,098	0,302	0,004	0,013	0,139	FALSE
0,051	0,311	0,001	0,009	0,048	FALSE
-0,042	0,306	-0,001	0,013	0,029	FALSE
0,075	0,314	0,004	0,013	0,114	FALSE
0,043	0,300	0,000	0,007	0,016	FALSE
-0,012	0,296	0,000	0,009	0,002	FALSE
-0,006	0,294	0,000	0,006	0,009	FALSE
-0,046	0,316	-0,001	0,008	0,060	FALSE
-0,061	0,305	-0,002	0,011	0,067	FALSE
-0,040	0,321	0,000	0,007	0,016	FALSE
-0,052	0,301	-0,001	0,010	0,051	FALSE
0,044	0,310	0,001	0,009	0,048	FALSE
-0,138	0,301	-0,004	0,009	0,201	FALSE

0,054	0,300	0,001	0,008	0,042	FALSE
-0,146	0,309	-0,004	0,009	0,197	FALSE
-0,036	0,295	-0,001	0,008	0,051	FALSE
0,064	0,306	0,002	0,009	0,096	FALSE
0,016	0,299	0,000	0,012	0,012	FALSE
-0,019	0,298	-0,001	0,007	0,041	FALSE
-0,012	0,309	0,000	0,007	0,010	FALSE
0,064	0,312	0,002	0,007	0,098	FALSE
-0,114	0,302	-0,003	0,008	0,172	FALSE
-0,106	0,304	-0,002	0,006	0,128	FALSE
0,009	0,310	0,001	0,007	0,037	FALSE
0,063	0,306	0,001	0,007	0,056	FALSE
0,047	0,297	0,002	0,008	0,072	FALSE
-0,116	0,293	-0,005	0,012	0,165	FALSE
0,051	0,309	0,001	0,007	0,073	FALSE
-0,026	0,313	0,000	0,010	0,017	FALSE
0,029	0,314	0,001	0,007	0,033	FALSE
0,103	0,297	0,004	0,011	0,136	FALSE
0,080	0,304	0,001	0,008	0,061	FALSE
0,012	0,319	0,000	0,006	0,014	FALSE
0,073	0,302	0,003	0,011	0,095	FALSE
0,093	0,314	0,004	0,011	0,122	FALSE
-0,063	0,300	-0,001	0,007	0,077	FALSE
0,116	0,313	0,003	0,009	0,120	FALSE
0,071	0,311	0,002	0,013	0,050	FALSE
0,017	0,302	0,000	0,009	0,015	FALSE
0,011	0,300	0,001	0,006	0,032	FALSE
-0,042	0,309	0,000	0,009	0,015	FALSE
0,004	0,311	0,000	0,008	0,015	FALSE
0,076	0,305	0,003	0,013	0,078	FALSE
0,103	0,300	0,004	0,009	0,158	FALSE
-0,097	0,305	-0,002	0,007	0,105	FALSE
-0,081	0,302	-0,002	0,006	0,099	FALSE
0,024	0,298	0,001	0,012	0,028	FALSE
0,036	0,305	0,002	0,008	0,077	FALSE
-0,003	0,304	0,000	0,008	0,007	FALSE
-0,098	0,311	-0,003	0,010	0,124	FALSE
-0,085	0,306	-0,002	0,010	0,090	FALSE
0,038	0,305	0,001	0,007	0,056	FALSE
-0,098	0,310	-0,002	0,007	0,115	FALSE
-0,054	0,322	-0,001	0,007	0,049	FALSE
0,087	0,307	0,003	0,010	0,094	FALSE
-0,087	0,316	-0,002	0,007	0,099	FALSE
0,054	0,296	0,003	0,009	0,138	FALSE
-0,059	0,304	-0,002	0,007	0,104	FALSE
-0,140	0,313	-0,005	0,013	0,168	FALSE
-0,073	0,329	-0,003	0,011	0,101	FALSE
-0,070	0,301	-0,002	0,009	0,077	FALSE
-0,054	0,301	-0,002	0,012	0,066	FALSE
-0,079	0,306	-0,003	0,012	0,101	FALSE
-0,045	0,313	-0,002	0,013	0,058	FALSE
-0,166	0,300	-0,006	0,012	0,232	FALSE
-0,012	0,326	-0,001	0,009	0,039	FALSE

-0,046	0,312	-0,002	0,012	0,053	FALSE
0,043	0,318	0,002	0,012	0,052	FALSE
0,101	0,297	0,003	0,009	0,141	FALSE
0,055	0,295	0,003	0,009	0,105	FALSE
-0,020	0,322	-0,001	0,011	0,019	FALSE
-0,087	0,310	-0,003	0,011	0,118	FALSE
-0,081	0,317	-0,002	0,008	0,112	FALSE
0,059	0,304	0,002	0,010	0,068	FALSE
0,030	0,310	0,001	0,008	0,046	FALSE
-0,171	0,286	-0,007	0,010	0,304	FALSE
-0,006	0,290	0,000	0,009	0,014	FALSE
-0,055	0,312	-0,001	0,006	0,049	FALSE
0,053	0,295	0,002	0,008	0,076	FALSE
0,118	0,296	0,004	0,008	0,203	FALSE
0,105	0,301	0,003	0,007	0,164	FALSE
-0,021	0,301	-0,001	0,011	0,023	FALSE
-0,142	0,315	-0,006	0,012	0,205	FALSE
-0,007	0,300	0,000	0,006	0,002	FALSE
0,001	0,311	0,000	0,007	0,008	FALSE
-0,028	0,309	-0,001	0,011	0,039	FALSE
-0,075	0,307	-0,003	0,012	0,080	FALSE
0,066	0,311	0,002	0,007	0,092	FALSE
-0,111	0,306	-0,003	0,008	0,143	FALSE
-0,125	0,312	-0,003	0,008	0,165	FALSE
0,073	0,313	0,002	0,011	0,068	FALSE
0,125	0,299	0,005	0,012	0,185	FALSE
-0,031	0,302	-0,001	0,007	0,052	FALSE
0,065	0,309	0,002	0,008	0,088	FALSE
-0,034	0,307	-0,001	0,009	0,050	FALSE
-0,030	0,301	-0,001	0,009	0,049	FALSE
-0,117	0,300	-0,002	0,006	0,122	FALSE
-0,144	0,298	-0,003	0,007	0,192	FALSE
-0,089	0,333	-0,002	0,008	0,116	FALSE
0,049	0,297	0,000	0,009	0,015	FALSE
0,028	0,325	0,002	0,013	0,046	FALSE
0,074	0,303	0,002	0,007	0,100	FALSE
0,014	0,318	0,001	0,010	0,022	FALSE
0,103	0,307	0,005	0,011	0,193	FALSE
0,073	0,295	0,003	0,007	0,162	FALSE
0,114	0,289	0,003	0,009	0,156	FALSE
-0,137	0,298	-0,003	0,007	0,173	FALSE
-0,027	0,288	0,000	0,009	0,010	FALSE
0,107	0,306	0,003	0,007	0,160	FALSE
0,028	0,310	0,001	0,007	0,027	FALSE
-0,098	0,295	-0,003	0,008	0,134	FALSE
-0,123	0,309	-0,006	0,013	0,213	FALSE
-0,080	0,313	-0,002	0,009	0,105	FALSE
0,102	0,299	0,004	0,011	0,137	FALSE
0,139	0,304	0,004	0,010	0,176	FALSE
-0,037	0,312	-0,001	0,013	0,039	FALSE
0,032	0,305	0,001	0,008	0,024	FALSE
0,027	0,317	0,000	0,008	0,017	FALSE
-0,021	0,297	-0,001	0,007	0,054	FALSE

-0,096	0,306	-0,003	0,009	0,107	FALSE
0,050	0,314	0,002	0,012	0,046	FALSE
-0,112	0,300	-0,003	0,008	0,134	FALSE
-0,045	0,314	-0,002	0,011	0,074	FALSE
0,055	0,314	0,002	0,012	0,065	FALSE
0,137	0,304	0,004	0,010	0,183	FALSE
-0,013	0,299	0,000	0,009	0,005	FALSE
0,011	0,297	0,001	0,011	0,044	FALSE
0,064	0,316	0,001	0,007	0,083	FALSE
0,019	0,304	0,001	0,006	0,054	FALSE
0,083	0,309	0,002	0,012	0,074	FALSE
-0,052	0,298	-0,002	0,010	0,071	FALSE
0,058	0,308	0,002	0,008	0,072	FALSE
-0,031	0,315	-0,001	0,008	0,046	FALSE
-0,041	0,297	-0,002	0,010	0,078	FALSE
0,014	0,315	0,001	0,007	0,040	FALSE
-0,008	0,312	0,000	0,010	0,002	FALSE
0,145	0,302	0,005	0,012	0,187	FALSE
0,164	0,308	0,006	0,013	0,206	FALSE
-0,066	0,303	-0,001	0,007	0,061	FALSE
0,080	0,301	0,003	0,012	0,085	FALSE
-0,006	0,308	-0,001	0,010	0,038	FALSE
-0,013	0,308	-0,002	0,011	0,056	FALSE
-0,022	0,310	-0,001	0,009	0,030	FALSE
-0,139	0,307	-0,004	0,009	0,211	FALSE
0,004	0,312	0,000	0,013	0,002	FALSE
0,080	0,312	0,001	0,006	0,073	FALSE
-0,004	0,320	0,000	0,007	0,008	FALSE
0,070	0,296	0,002	0,007	0,087	FALSE
-0,030	0,305	-0,001	0,011	0,023	FALSE
0,035	0,315	0,001	0,012	0,029	FALSE
-0,135	0,298	-0,004	0,008	0,190	FALSE
-0,053	0,321	-0,001	0,007	0,062	FALSE
-0,032	0,301	0,000	0,012	0,006	FALSE
0,213	0,286	0,006	0,009	0,267	FALSE
-0,180	0,308	-0,007	0,013	0,235	FALSE
-0,028	0,317	0,000	0,008	0,013	FALSE
-0,038	0,326	-0,001	0,008	0,034	FALSE
-0,026	0,308	-0,001	0,008	0,026	FALSE
-0,079	0,308	-0,001	0,006	0,073	FALSE
-0,134	0,298	-0,006	0,012	0,194	FALSE
-0,033	0,316	-0,001	0,012	0,027	FALSE
0,017	0,296	0,000	0,012	0,011	FALSE
0,055	0,309	0,002	0,010	0,070	FALSE
-0,041	0,302	-0,001	0,007	0,059	FALSE
0,095	0,313	0,004	0,012	0,128	FALSE
0,024	0,303	0,001	0,012	0,016	FALSE
-0,028	0,297	-0,001	0,007	0,047	FALSE
-0,064	0,322	-0,001	0,008	0,059	FALSE
0,079	0,302	0,003	0,012	0,112	FALSE
0,141	0,297	0,004	0,009	0,176	FALSE
-0,032	0,310	-0,001	0,008	0,043	FALSE
0,030	0,314	0,001	0,012	0,040	FALSE

0,025	0,306	0,000	0,011	0,004	FALSE
-0,173	0,314	-0,006	0,012	0,229	FALSE
-0,190	0,304	-0,009	0,013	0,296	FALSE
0,125	0,299	0,006	0,012	0,197	FALSE
-0,109	0,303	-0,006	0,013	0,182	FALSE
0,042	0,319	0,001	0,008	0,049	FALSE
0,087	0,310	0,002	0,007	0,098	FALSE
-0,037	0,295	-0,001	0,009	0,027	FALSE
-0,144	0,289	-0,005	0,010	0,197	FALSE
-0,239	0,307	-0,010	0,013	0,369	FALSE
0,060	0,300	0,003	0,013	0,072	FALSE
0,109	0,303	0,003	0,010	0,121	FALSE
0,109	0,287	0,004	0,010	0,181	FALSE
0,009	0,310	0,000	0,012	0,001	FALSE
-0,057	0,309	-0,002	0,010	0,070	FALSE
0,020	0,291	0,001	0,011	0,043	FALSE
0,085	0,296	0,002	0,006	0,136	FALSE
-0,027	0,309	-0,001	0,012	0,021	FALSE
-0,069	0,304	-0,003	0,013	0,104	FALSE
-0,041	0,294	0,000	0,012	0,012	FALSE
0,022	0,307	0,001	0,009	0,033	FALSE
-0,070	0,304	-0,002	0,008	0,111	FALSE
0,057	0,303	0,002	0,011	0,056	FALSE
0,130	0,299	0,003	0,007	0,168	FALSE
0,029	0,290	0,001	0,008	0,031	FALSE
0,000	0,299	0,000	0,009	0,006	FALSE
0,043	0,299	0,002	0,010	0,061	FALSE
-0,154	0,302	-0,004	0,010	0,176	FALSE
0,028	0,327	0,000	0,013	0,004	FALSE
0,118	0,303	0,004	0,012	0,144	FALSE
0,173	0,310	0,005	0,009	0,270	FALSE
0,156	0,312	0,006	0,012	0,212	FALSE
0,068	0,310	0,002	0,013	0,054	FALSE
-0,082	0,317	-0,002	0,008	0,087	FALSE
0,096	0,315	0,003	0,010	0,132	FALSE
0,002	0,318	0,000	0,009	0,003	FALSE
0,054	0,299	0,002	0,012	0,059	FALSE
-0,010	0,321	0,000	0,009	0,007	FALSE
0,064	0,286	0,003	0,012	0,080	FALSE
0,124	0,297	0,004	0,009	0,180	FALSE
-0,004	0,306	0,000	0,010	0,006	FALSE
-0,022	0,303	0,000	0,012	0,010	FALSE
-0,029	0,321	-0,001	0,010	0,049	FALSE
-0,080	0,303	-0,003	0,010	0,098	FALSE
-0,123	0,297	-0,004	0,010	0,189	FALSE
0,097	0,294	0,003	0,010	0,108	FALSE
-0,023	0,309	-0,001	0,007	0,048	FALSE
-0,005	0,313	0,000	0,010	0,002	FALSE
0,115	0,303	0,003	0,008	0,174	FALSE
0,004	0,302	0,000	0,012	0,007	FALSE
-0,187	0,305	-0,009	0,013	0,296	FALSE
0,010	0,323	0,000	0,012	0,010	FALSE
0,021	0,310	0,001	0,009	0,021	FALSE

0,030	0,306	0,000	0,011	0,016	FALSE
0,013	0,305	0,001	0,011	0,035	FALSE
0,006	0,331	0,000	0,013	0,013	FALSE
0,017	0,291	0,001	0,009	0,024	FALSE
-0,034	0,302	0,000	0,007	0,022	FALSE
-0,016	0,317	0,000	0,007	0,005	FALSE
-0,130	0,313	-0,003	0,008	0,153	FALSE
0,029	0,314	0,000	0,007	0,015	FALSE
-0,060	0,317	-0,001	0,008	0,051	FALSE
0,005	0,295	0,000	0,007	0,006	FALSE
0,182	0,303	0,004	0,006	0,256	FALSE
0,061	0,318	0,002	0,007	0,093	FALSE
0,116	0,310	0,005	0,012	0,190	FALSE
0,003	0,313	0,000	0,008	0,010	FALSE
-0,003	0,319	0,000	0,009	0,007	FALSE
0,058	0,303	0,002	0,009	0,070	FALSE
-0,143	0,317	-0,004	0,008	0,187	FALSE
0,093	0,310	0,003	0,012	0,089	FALSE
0,076	0,315	0,002	0,012	0,061	FALSE
-0,119	0,291	-0,003	0,007	0,155	FALSE
0,003	0,304	0,000	0,012	0,005	FALSE
-0,030	0,320	-0,001	0,013	0,036	FALSE
-0,059	0,309	-0,001	0,007	0,069	FALSE
-0,096	0,314	-0,002	0,007	0,117	FALSE
0,056	0,300	0,001	0,010	0,049	FALSE
-0,056	0,287	-0,002	0,011	0,065	FALSE
-0,045	0,297	-0,001	0,008	0,051	FALSE
0,028	0,306	0,000	0,012	0,008	FALSE
0,030	0,295	0,001	0,009	0,058	FALSE
-0,090	0,309	-0,001	0,006	0,087	FALSE
0,139	0,299	0,006	0,012	0,215	FALSE
0,011	0,305	0,001	0,010	0,023	FALSE
0,146	0,302	0,006	0,013	0,202	FALSE
-0,045	0,314	-0,002	0,012	0,055	FALSE
-0,129	0,303	-0,003	0,007	0,169	FALSE
-0,024	0,304	-0,001	0,007	0,030	FALSE
0,040	0,301	0,001	0,006	0,051	FALSE
0,007	0,307	0,000	0,009	0,011	FALSE
-0,158	0,289	-0,005	0,009	0,232	FALSE
0,139	0,317	0,004	0,008	0,195	FALSE
0,010	0,312	0,000	0,007	0,002	FALSE
-0,043	0,314	-0,002	0,008	0,092	FALSE
-0,003	0,313	-0,001	0,012	0,018	FALSE
-0,010	0,295	-0,001	0,007	0,039	FALSE
-0,075	0,294	-0,001	0,007	0,083	FALSE
-0,150	0,308	-0,004	0,008	0,181	FALSE
0,146	0,301	0,003	0,006	0,225	FALSE
-0,110	0,306	-0,005	0,013	0,154	FALSE
0,010	0,306	0,000	0,007	0,003	FALSE
-0,112	0,324	-0,003	0,009	0,148	FALSE
0,034	0,303	0,001	0,009	0,056	FALSE
0,041	0,291	0,002	0,007	0,084	FALSE
-0,055	0,303	-0,001	0,007	0,058	FALSE

0,020	0,306	0,000	0,013	0,004	FALSE
-0,082	0,306	-0,002	0,007	0,106	FALSE
0,099	0,312	0,002	0,006	0,114	FALSE
0,004	0,311	-0,001	0,010	0,018	FALSE
-0,067	0,311	-0,003	0,010	0,112	FALSE
-0,019	0,307	0,000	0,006	0,024	FALSE
0,032	0,313	0,001	0,008	0,043	FALSE
-0,061	0,297	-0,002	0,007	0,092	FALSE
0,063	0,300	0,001	0,007	0,054	FALSE
0,083	0,302	0,002	0,006	0,117	FALSE
-0,034	0,305	-0,002	0,013	0,057	FALSE
0,058	0,312	0,002	0,010	0,071	FALSE
0,098	0,306	0,002	0,007	0,104	FALSE
-0,036	0,303	-0,002	0,012	0,076	FALSE
0,067	0,289	0,002	0,010	0,060	FALSE
0,102	0,313	0,003	0,007	0,151	FALSE
-0,115	0,299	-0,005	0,012	0,166	FALSE
0,101	0,302	0,002	0,007	0,125	FALSE
0,129	0,293	0,004	0,009	0,190	FALSE
-0,092	0,306	-0,002	0,007	0,093	FALSE
-0,146	0,309	-0,005	0,011	0,184	FALSE
-0,023	0,304	-0,001	0,012	0,026	FALSE
0,086	0,305	0,004	0,010	0,147	FALSE
-0,019	0,305	-0,001	0,008	0,035	FALSE
0,050	0,309	0,002	0,009	0,085	FALSE
-0,099	0,280	-0,002	0,006	0,145	FALSE
0,021	0,302	0,001	0,013	0,036	FALSE
0,018	0,310	0,000	0,011	0,015	FALSE
-0,019	0,307	-0,001	0,010	0,026	FALSE
-0,012	0,319	-0,001	0,009	0,037	FALSE
-0,127	0,323	-0,003	0,009	0,124	FALSE
0,012	0,293	0,000	0,006	0,023	FALSE
-0,055	0,311	-0,001	0,008	0,055	FALSE
-0,081	0,310	-0,002	0,009	0,089	FALSE
-0,037	0,311	-0,001	0,009	0,045	FALSE
-0,041	0,303	-0,001	0,007	0,051	FALSE
0,094	0,307	0,002	0,008	0,111	FALSE
0,054	0,300	0,002	0,009	0,075	FALSE
0,076	0,307	0,002	0,009	0,077	FALSE
-0,019	0,307	0,000	0,006	0,012	FALSE
-0,085	0,312	-0,002	0,008	0,095	FALSE
-0,008	0,301	0,000	0,008	0,012	FALSE
0,037	0,316	0,001	0,007	0,052	FALSE
0,090	0,314	0,002	0,008	0,097	FALSE
-0,077	0,306	-0,003	0,013	0,091	FALSE
0,033	0,305	0,000	0,007	0,013	FALSE
0,027	0,312	0,001	0,010	0,040	FALSE
0,098	0,300	0,004	0,009	0,156	FALSE
-0,022	0,314	0,000	0,008	0,009	FALSE
-0,085	0,301	-0,002	0,006	0,091	FALSE
-0,123	0,314	-0,004	0,009	0,179	FALSE
-0,028	0,316	-0,001	0,008	0,029	FALSE
-0,111	0,314	-0,002	0,008	0,118	FALSE

0,025	0,309	0,001	0,009	0,046	FALSE
-0,037	0,310	-0,002	0,013	0,066	FALSE
-0,063	0,310	-0,002	0,010	0,077	FALSE
-0,043	0,310	-0,001	0,008	0,064	FALSE
0,044	0,302	0,001	0,007	0,060	FALSE
-0,059	0,293	-0,002	0,009	0,073	FALSE
-0,028	0,300	0,000	0,013	0,005	FALSE
-0,081	0,302	-0,001	0,009	0,061	FALSE
-0,037	0,300	0,000	0,007	0,005	FALSE
-0,048	0,296	-0,002	0,013	0,071	FALSE
0,114	0,303	0,004	0,012	0,139	FALSE
0,006	0,312	0,000	0,010	0,017	FALSE
-0,098	0,324	-0,003	0,009	0,106	FALSE
-0,133	0,309	-0,004	0,008	0,182	FALSE
-0,080	0,299	-0,001	0,008	0,066	FALSE
-0,067	0,301	-0,001	0,007	0,076	FALSE
-0,021	0,312	-0,001	0,012	0,025	FALSE
-0,045	0,312	-0,001	0,008	0,051	FALSE
-0,030	0,317	-0,001	0,007	0,065	FALSE
0,011	0,318	0,000	0,007	0,002	FALSE
0,126	0,300	0,004	0,009	0,173	FALSE
0,063	0,312	0,003	0,013	0,080	FALSE
0,012	0,302	0,000	0,012	0,006	FALSE
-0,154	0,320	-0,005	0,009	0,220	FALSE
0,037	0,306	0,001	0,007	0,056	FALSE
0,126	0,311	0,003	0,009	0,150	FALSE
0,103	0,305	0,003	0,008	0,127	FALSE
-0,015	0,305	-0,001	0,008	0,032	FALSE
0,073	0,300	0,002	0,006	0,099	FALSE
-0,019	0,316	0,000	0,006	0,026	FALSE
-0,004	0,318	0,000	0,009	0,017	FALSE
-0,110	0,311	-0,005	0,012	0,159	FALSE
-0,056	0,328	-0,002	0,013	0,065	FALSE
0,097	0,293	0,003	0,011	0,114	FALSE
-0,036	0,305	-0,001	0,007	0,028	FALSE
-0,013	0,315	0,000	0,007	0,016	FALSE
-0,090	0,305	-0,004	0,012	0,124	FALSE
-0,040	0,314	-0,002	0,011	0,077	FALSE
0,114	0,294	0,003	0,008	0,135	FALSE
0,062	0,309	0,001	0,007	0,070	FALSE
-0,103	0,312	-0,004	0,013	0,104	FALSE
0,120	0,305	0,004	0,007	0,204	FALSE
-0,003	0,322	0,000	0,010	0,016	FALSE
-0,005	0,320	0,000	0,012	0,014	FALSE
-0,008	0,303	0,000	0,010	0,010	FALSE
0,053	0,311	0,002	0,011	0,064	FALSE
-0,089	0,316	-0,002	0,007	0,084	FALSE
-0,086	0,309	-0,004	0,013	0,114	FALSE
0,082	0,308	0,003	0,012	0,107	FALSE
0,052	0,313	0,002	0,012	0,074	FALSE
0,050	0,301	0,003	0,009	0,116	FALSE
0,100	0,303	0,002	0,007	0,115	FALSE
0,024	0,305	0,001	0,008	0,045	FALSE

-0,015	0,309	0,000	0,008	0,014	FALSE
0,022	0,319	0,001	0,010	0,035	FALSE
-0,133	0,314	-0,002	0,006	0,148	FALSE
-0,064	0,323	-0,003	0,013	0,091	FALSE
0,099	0,306	0,004	0,010	0,140	FALSE
-0,018	0,306	0,000	0,008	0,019	FALSE
-0,211	0,314	-0,008	0,012	0,286	FALSE
0,252	0,297	0,008	0,009	0,442	TRUE
0,026	0,333	0,001	0,013	0,025	FALSE
0,097	0,310	0,004	0,010	0,144	FALSE
-0,165	0,299	-0,006	0,009	0,288	FALSE
0,137	0,296	0,004	0,010	0,176	FALSE
-0,055	0,299	-0,002	0,012	0,056	FALSE
-0,008	0,318	-0,001	0,013	0,015	FALSE
0,136	0,294	0,004	0,010	0,166	FALSE
0,079	0,312	0,003	0,010	0,113	FALSE
0,057	0,312	0,001	0,006	0,068	FALSE
0,066	0,300	0,002	0,008	0,092	FALSE
-0,001	0,313	0,000	0,007	0,003	FALSE
-0,035	0,317	-0,001	0,009	0,024	FALSE
0,121	0,323	0,005	0,013	0,149	TRUE
-0,076	0,285	-0,003	0,013	0,102	FALSE
-0,001	0,319	0,000	0,010	0,010	FALSE
-0,092	0,293	-0,003	0,009	0,133	FALSE
0,023	0,309	-0,001	0,011	0,023	FALSE
-0,027	0,308	-0,002	0,012	0,054	FALSE
0,014	0,303	0,000	0,006	0,014	FALSE
0,010	0,290	0,000	0,009	0,003	FALSE
0,032	0,297	0,001	0,013	0,043	FALSE
-0,045	0,300	-0,002	0,009	0,062	FALSE
-0,045	0,293	-0,001	0,010	0,052	FALSE
-0,052	0,282	-0,002	0,008	0,082	FALSE
-0,059	0,293	-0,001	0,008	0,067	FALSE
0,217	0,298	0,008	0,010	0,332	FALSE
-0,048	0,315	-0,001	0,008	0,075	FALSE
0,019	0,309	0,000	0,013	0,000	FALSE
-0,009	0,300	0,000	0,007	0,003	FALSE
0,005	0,314	0,001	0,007	0,046	FALSE
-0,028	0,296	-0,002	0,012	0,060	FALSE
-0,022	0,321	-0,001	0,009	0,028	FALSE
0,024	0,309	0,000	0,011	0,008	FALSE
-0,100	0,303	-0,003	0,008	0,145	FALSE
-0,018	0,319	-0,001	0,011	0,030	FALSE
-0,011	0,314	-0,001	0,010	0,029	FALSE
0,073	0,319	0,001	0,008	0,064	FALSE
0,156	0,295	0,004	0,007	0,259	FALSE
0,012	0,305	0,000	0,009	0,011	FALSE
0,044	0,309	0,000	0,009	0,004	FALSE
-0,070	0,306	-0,002	0,011	0,066	FALSE
0,099	0,310	0,002	0,007	0,115	FALSE
0,004	0,302	0,000	0,007	0,013	FALSE
0,026	0,293	0,001	0,007	0,055	FALSE
0,033	0,325	0,001	0,008	0,055	FALSE

-0,131	0,316	-0,003	0,008	0,134	FALSE
-0,007	0,310	0,000	0,009	0,007	FALSE
0,010	0,311	0,000	0,008	0,005	FALSE
0,002	0,304	0,000	0,007	0,012	FALSE
0,021	0,309	0,001	0,012	0,017	FALSE
-0,118	0,297	-0,002	0,007	0,130	FALSE
0,052	0,302	0,003	0,013	0,075	FALSE
-0,042	0,315	-0,001	0,008	0,049	FALSE
0,119	0,303	0,005	0,012	0,168	FALSE
-0,088	0,288	-0,002	0,008	0,081	FALSE
-0,082	0,298	-0,001	0,007	0,067	FALSE
0,118	0,303	0,004	0,011	0,126	FALSE
-0,134	0,322	-0,003	0,006	0,186	FALSE
-0,004	0,314	0,001	0,010	0,023	FALSE
-0,060	0,312	-0,003	0,011	0,096	FALSE
0,096	0,310	0,003	0,009	0,119	FALSE
0,097	0,290	0,005	0,012	0,149	FALSE
-0,057	0,298	-0,002	0,009	0,099	FALSE
-0,130	0,300	-0,004	0,008	0,201	FALSE
-0,018	0,313	-0,001	0,013	0,015	FALSE
0,025	0,297	0,001	0,009	0,041	FALSE
0,123	0,297	0,004	0,007	0,195	FALSE
-0,054	0,304	-0,003	0,012	0,105	FALSE
-0,112	0,289	-0,004	0,012	0,149	FALSE
-0,046	0,306	-0,001	0,008	0,066	FALSE
-0,077	0,308	-0,003	0,012	0,099	FALSE
0,093	0,321	0,003	0,013	0,097	FALSE
0,017	0,316	0,001	0,012	0,043	FALSE
0,129	0,303	0,003	0,007	0,183	FALSE
0,021	0,305	0,001	0,013	0,034	FALSE
-0,106	0,301	-0,003	0,008	0,171	FALSE
-0,050	0,301	-0,002	0,010	0,090	FALSE
0,065	0,299	0,001	0,007	0,077	FALSE
-0,108	0,302	-0,003	0,007	0,152	FALSE
0,038	0,320	0,002	0,012	0,066	FALSE
0,127	0,294	0,003	0,011	0,106	FALSE
-0,133	0,308	-0,005	0,013	0,161	FALSE
0,002	0,305	0,000	0,009	0,017	FALSE
0,198	0,297	0,007	0,010	0,297	FALSE
-0,009	0,315	-0,001	0,008	0,033	FALSE
0,064	0,290	0,002	0,008	0,085	FALSE
-0,080	0,312	-0,003	0,013	0,103	FALSE
-0,027	0,301	-0,001	0,009	0,043	FALSE
0,202	0,303	0,004	0,007	0,287	FALSE
0,068	0,312	0,002	0,008	0,087	FALSE
-0,026	0,307	-0,001	0,007	0,037	FALSE
0,079	0,304	0,003	0,012	0,093	FALSE
0,029	0,293	0,001	0,008	0,025	FALSE
-0,022	0,315	0,000	0,009	0,020	FALSE
-0,019	0,297	-0,001	0,010	0,024	FALSE
-0,100	0,309	-0,004	0,010	0,148	FALSE
-0,070	0,319	-0,003	0,012	0,080	FALSE
0,054	0,308	0,002	0,010	0,071	FALSE

-0,108	0,319	-0,003	0,007	0,145	FALSE
0,028	0,300	0,000	0,007	0,021	FALSE
-0,126	0,312	-0,005	0,011	0,170	FALSE
0,034	0,312	0,001	0,008	0,053	FALSE
0,071	0,320	0,002	0,009	0,107	FALSE
-0,057	0,314	-0,002	0,011	0,078	FALSE
0,046	0,303	0,003	0,011	0,085	FALSE
0,025	0,307	0,000	0,007	0,004	FALSE
-0,044	0,304	-0,001	0,008	0,052	FALSE
-0,010	0,282	-0,001	0,009	0,048	FALSE
-0,044	0,309	-0,002	0,011	0,067	FALSE
-0,061	0,305	-0,001	0,007	0,067	FALSE
0,072	0,299	0,002	0,006	0,108	FALSE
0,153	0,313	0,004	0,007	0,212	FALSE
-0,068	0,305	-0,001	0,009	0,043	FALSE
-0,029	0,319	-0,001	0,014	0,024	FALSE
-0,075	0,293	-0,002	0,010	0,063	FALSE
-0,053	0,311	-0,003	0,011	0,089	FALSE
-0,093	0,317	-0,003	0,013	0,088	FALSE
-0,064	0,313	-0,002	0,010	0,075	FALSE
-0,093	0,309	-0,003	0,008	0,133	FALSE
-0,182	0,293	-0,007	0,012	0,252	FALSE
-0,041	0,318	-0,001	0,007	0,036	FALSE
-0,084	0,312	-0,003	0,012	0,113	FALSE
-0,028	0,307	-0,001	0,007	0,042	FALSE
0,038	0,308	0,001	0,007	0,037	FALSE
0,050	0,302	0,002	0,011	0,075	FALSE
0,132	0,284	0,005	0,009	0,240	FALSE
-0,078	0,301	-0,003	0,011	0,105	FALSE
0,018	0,303	0,001	0,006	0,044	FALSE
-0,053	0,307	-0,001	0,009	0,063	FALSE
-0,001	0,299	0,001	0,011	0,026	FALSE
-0,062	0,309	-0,001	0,007	0,035	FALSE
0,029	0,290	0,000	0,007	0,019	FALSE
0,110	0,312	0,003	0,009	0,142	FALSE
-0,004	0,313	0,000	0,008	0,014	FALSE
0,067	0,307	0,003	0,011	0,104	FALSE
-0,224	0,292	-0,006	0,007	0,369	FALSE
0,086	0,310	0,002	0,007	0,106	FALSE
0,047	0,312	0,001	0,012	0,028	FALSE
-0,104	0,310	-0,002	0,009	0,091	FALSE
0,033	0,322	0,001	0,009	0,048	FALSE
-0,022	0,317	-0,001	0,011	0,050	FALSE
0,165	0,311	0,007	0,013	0,220	FALSE
-0,065	0,320	-0,003	0,013	0,086	FALSE
-0,052	0,317	-0,001	0,009	0,045	FALSE
0,031	0,306	0,001	0,009	0,043	FALSE
0,111	0,304	0,003	0,009	0,132	FALSE
0,014	0,309	0,001	0,012	0,021	FALSE
0,024	0,312	0,001	0,012	0,033	FALSE
0,053	0,303	0,003	0,012	0,086	FALSE
-0,026	0,322	-0,002	0,010	0,061	FALSE
-0,076	0,316	-0,002	0,013	0,071	FALSE

-0,121	0,301	-0,003	0,007	0,172	FALSE
0,016	0,286	0,001	0,008	0,047	FALSE
-0,063	0,307	-0,002	0,008	0,089	FALSE
0,058	0,314	0,003	0,012	0,086	FALSE
0,093	0,303	0,002	0,006	0,117	FALSE
0,070	0,305	0,002	0,010	0,080	FALSE
0,031	0,306	0,000	0,010	0,018	FALSE
0,007	0,304	0,000	0,009	0,013	FALSE
-0,019	0,304	-0,001	0,010	0,034	FALSE
-0,015	0,314	-0,001	0,011	0,024	FALSE
0,001	0,306	0,000	0,009	0,015	FALSE
-0,009	0,298	-0,001	0,013	0,018	FALSE
0,000	0,316	0,000	0,008	0,014	FALSE
-0,132	0,300	-0,003	0,007	0,177	FALSE
0,044	0,312	0,001	0,007	0,066	FALSE
-0,049	0,310	-0,001	0,010	0,055	FALSE
0,018	0,318	0,001	0,013	0,015	FALSE
0,044	0,307	0,001	0,007	0,051	FALSE
-0,037	0,300	0,000	0,007	0,001	FALSE
0,063	0,310	0,001	0,007	0,050	FALSE
-0,085	0,306	-0,003	0,012	0,098	FALSE
0,001	0,310	0,000	0,006	0,004	FALSE
-0,037	0,316	-0,002	0,011	0,089	FALSE
-0,095	0,302	-0,004	0,012	0,145	FALSE
0,020	0,302	0,000	0,010	0,011	FALSE
0,030	0,312	0,001	0,010	0,037	FALSE
0,059	0,307	0,002	0,009	0,093	FALSE
0,013	0,292	0,000	0,007	0,016	FALSE
-0,022	0,314	-0,001	0,009	0,029	FALSE
-0,037	0,304	-0,001	0,012	0,027	FALSE
-0,019	0,310	-0,001	0,013	0,027	FALSE
-0,081	0,301	-0,003	0,010	0,108	FALSE
0,070	0,321	0,002	0,008	0,078	FALSE
-0,029	0,306	-0,001	0,009	0,037	FALSE
-0,005	0,309	-0,002	0,012	0,047	FALSE
0,034	0,304	0,001	0,012	0,024	FALSE
0,088	0,300	0,003	0,007	0,152	FALSE
0,099	0,306	0,003	0,009	0,135	FALSE
0,036	0,310	0,002	0,009	0,072	FALSE
0,001	0,313	0,000	0,010	0,014	FALSE
0,060	0,309	0,002	0,008	0,097	FALSE
0,002	0,307	0,000	0,009	0,000	FALSE
-0,060	0,307	-0,001	0,007	0,058	FALSE
-0,072	0,305	-0,001	0,007	0,083	FALSE
-0,040	0,310	-0,002	0,013	0,046	FALSE
0,149	0,296	0,005	0,010	0,216	FALSE
0,028	0,307	0,001	0,009	0,040	FALSE
0,042	0,309	0,001	0,008	0,047	FALSE
-0,041	0,311	-0,001	0,013	0,030	FALSE
0,082	0,304	0,002	0,010	0,082	FALSE
0,005	0,298	0,002	0,012	0,045	FALSE
0,029	0,291	0,000	0,010	0,009	FALSE
0,038	0,306	0,001	0,009	0,042	FALSE

-0,092	0,317	-0,003	0,008	0,140	FALSE
0,014	0,320	0,001	0,006	0,039	FALSE
0,041	0,312	0,001	0,011	0,036	FALSE
-0,126	0,301	-0,002	0,007	0,145	FALSE
0,050	0,303	0,002	0,008	0,086	FALSE
-0,010	0,311	0,000	0,007	0,012	FALSE
0,028	0,308	0,000	0,008	0,000	FALSE
0,091	0,308	0,002	0,007	0,128	FALSE
-0,115	0,307	-0,002	0,007	0,120	FALSE
-0,067	0,311	-0,003	0,013	0,081	FALSE
-0,094	0,306	-0,002	0,008	0,096	FALSE
0,126	0,303	0,004	0,008	0,219	FALSE
0,043	0,313	0,002	0,008	0,105	FALSE
-0,002	0,311	-0,001	0,010	0,020	FALSE
0,137	0,304	0,003	0,007	0,173	FALSE
0,054	0,307	0,001	0,006	0,060	FALSE
0,069	0,309	0,002	0,007	0,111	FALSE
-0,033	0,306	-0,001	0,007	0,075	FALSE
0,016	0,308	0,000	0,008	0,011	FALSE
0,071	0,304	0,002	0,007	0,111	FALSE
-0,031	0,312	-0,001	0,011	0,028	FALSE
-0,066	0,308	-0,002	0,009	0,067	FALSE
0,008	0,305	0,000	0,008	0,003	FALSE
-0,054	0,312	-0,001	0,009	0,050	FALSE
-0,007	0,309	-0,001	0,012	0,041	FALSE
0,013	0,321	0,000	0,012	0,000	FALSE
0,025	0,307	0,000	0,011	0,016	FALSE
-0,139	0,302	-0,006	0,013	0,200	FALSE
0,059	0,314	0,001	0,009	0,036	FALSE
0,099	0,286	0,004	0,010	0,144	FALSE
0,097	0,301	0,003	0,010	0,138	FALSE
-0,070	0,309	-0,001	0,007	0,083	FALSE
0,015	0,301	0,001	0,006	0,034	FALSE
-0,014	0,316	0,000	0,006	0,007	FALSE
-0,039	0,294	-0,001	0,009	0,030	FALSE
0,066	0,312	0,003	0,013	0,090	FALSE
-0,156	0,302	-0,006	0,012	0,226	FALSE
0,006	0,292	0,000	0,011	0,003	FALSE
0,030	0,309	0,001	0,007	0,029	FALSE
-0,019	0,309	0,000	0,012	0,008	FALSE
0,055	0,315	0,002	0,009	0,093	FALSE
-0,125	0,294	-0,004	0,008	0,180	FALSE
0,150	0,297	0,004	0,009	0,172	FALSE
0,087	0,305	0,004	0,012	0,109	FALSE
-0,043	0,304	-0,001	0,009	0,054	FALSE
0,003	0,304	-0,001	0,011	0,029	FALSE
0,087	0,302	0,002	0,009	0,088	FALSE
0,031	0,300	0,001	0,009	0,045	FALSE
-0,015	0,313	0,000	0,011	0,010	FALSE
0,021	0,299	0,001	0,013	0,019	FALSE
0,061	0,294	0,003	0,010	0,112	FALSE
-0,014	0,313	-0,001	0,013	0,021	FALSE
-0,044	0,300	-0,002	0,008	0,089	FALSE

-0,107	0,308	-0,004	0,013	0,110	FALSE
0,010	0,305	0,000	0,011	0,010	FALSE
0,016	0,308	0,001	0,011	0,021	FALSE
-0,041	0,305	-0,002	0,010	0,064	FALSE
0,109	0,313	0,003	0,008	0,153	FALSE
-0,102	0,310	-0,002	0,006	0,152	FALSE
0,128	0,319	0,005	0,010	0,190	FALSE
-0,032	0,293	0,000	0,007	0,021	FALSE
-0,035	0,299	0,000	0,007	0,022	FALSE
-0,106	0,314	-0,003	0,010	0,126	FALSE
0,015	0,307	0,001	0,013	0,016	FALSE
0,006	0,323	0,000	0,008	0,001	FALSE
0,007	0,318	0,000	0,007	0,024	FALSE
0,007	0,311	0,001	0,013	0,016	FALSE
-0,048	0,292	-0,001	0,008	0,041	FALSE
0,031	0,286	0,001	0,008	0,048	FALSE
0,100	0,304	0,002	0,008	0,124	FALSE
-0,128	0,307	-0,005	0,010	0,204	FALSE
-0,019	0,313	-0,001	0,010	0,034	FALSE
0,077	0,307	0,002	0,006	0,101	FALSE
-0,082	0,311	-0,002	0,007	0,108	FALSE
0,069	0,310	0,002	0,007	0,088	FALSE
-0,013	0,315	0,000	0,009	0,005	FALSE
-0,022	0,319	-0,001	0,009	0,039	FALSE
-0,083	0,317	-0,002	0,006	0,101	FALSE
0,196	0,295	0,006	0,009	0,295	FALSE
0,246	0,277	0,010	0,012	0,367	FALSE
0,098	0,321	0,002	0,007	0,093	FALSE
-0,020	0,315	-0,001	0,011	0,022	FALSE
-0,054	0,315	-0,002	0,011	0,074	FALSE
0,025	0,321	0,002	0,013	0,069	FALSE
-0,017	0,305	-0,001	0,006	0,031	FALSE
-0,028	0,291	-0,001	0,007	0,029	FALSE
-0,035	0,312	-0,001	0,009	0,057	FALSE
0,065	0,298	0,002	0,007	0,117	FALSE
0,013	0,306	0,000	0,008	0,018	FALSE
0,018	0,310	0,000	0,007	0,014	FALSE
0,097	0,312	0,004	0,011	0,130	FALSE
-0,006	0,315	0,000	0,008	0,010	FALSE
-0,003	0,317	0,000	0,013	0,003	FALSE
0,008	0,313	-0,001	0,012	0,017	FALSE
-0,114	0,311	-0,004	0,011	0,143	FALSE
-0,027	0,299	-0,001	0,010	0,019	FALSE
-0,029	0,321	-0,002	0,012	0,046	FALSE
-0,068	0,299	-0,002	0,009	0,101	FALSE
0,049	0,305	0,002	0,007	0,097	FALSE
-0,178	0,306	-0,008	0,013	0,295	FALSE
-0,149	0,306	-0,007	0,012	0,255	FALSE
0,012	0,313	0,001	0,007	0,048	FALSE
-0,008	0,309	-0,001	0,008	0,027	FALSE
-0,072	0,295	-0,003	0,013	0,104	FALSE
-0,097	0,301	-0,004	0,010	0,156	FALSE
0,007	0,300	0,001	0,008	0,063	FALSE

-0,081	0,311	-0,003	0,009	0,129	FALSE
-0,049	0,307	-0,002	0,010	0,073	FALSE
0,107	0,303	0,002	0,007	0,114	FALSE
0,091	0,309	0,002	0,006	0,130	FALSE
0,014	0,301	0,000	0,010	0,002	FALSE
-0,037	0,305	-0,001	0,009	0,055	FALSE
0,010	0,305	0,000	0,007	0,014	FALSE
-0,044	0,305	-0,001	0,011	0,038	FALSE
0,022	0,315	0,001	0,009	0,052	FALSE
-0,010	0,312	-0,001	0,011	0,033	FALSE
-0,082	0,305	-0,002	0,007	0,082	FALSE
0,058	0,295	0,003	0,012	0,087	FALSE
0,064	0,302	0,003	0,011	0,092	FALSE
-0,002	0,307	0,000	0,009	0,002	FALSE
-0,093	0,317	-0,003	0,010	0,135	FALSE
-0,023	0,297	0,000	0,010	0,016	FALSE
0,067	0,298	0,002	0,012	0,055	FALSE
-0,176	0,310	-0,003	0,007	0,208	FALSE
0,108	0,311	0,005	0,013	0,136	FALSE
0,089	0,330	0,002	0,008	0,081	FALSE
-0,037	0,320	0,000	0,006	0,028	FALSE
-0,150	0,301	-0,004	0,008	0,207	FALSE
-0,054	0,300	-0,002	0,009	0,098	FALSE
0,013	0,298	0,000	0,011	0,013	FALSE
-0,156	0,298	-0,004	0,007	0,221	FALSE
0,059	0,297	0,002	0,012	0,063	FALSE
-0,056	0,297	-0,002	0,009	0,104	FALSE
0,071	0,292	0,003	0,012	0,082	FALSE
0,043	0,313	0,001	0,013	0,032	FALSE
0,083	0,321	0,002	0,008	0,083	FALSE
-0,010	0,291	0,000	0,013	0,011	FALSE
-0,106	0,301	-0,003	0,009	0,144	FALSE
0,072	0,307	0,001	0,007	0,071	FALSE
-0,154	0,300	-0,005	0,009	0,215	FALSE
-0,016	0,305	-0,001	0,007	0,035	FALSE
-0,101	0,317	-0,002	0,007	0,122	FALSE
-0,015	0,310	0,000	0,008	0,022	FALSE
0,042	0,309	0,002	0,011	0,067	FALSE
0,031	0,307	0,001	0,008	0,032	FALSE
0,095	0,312	0,003	0,012	0,109	FALSE
-0,138	0,294	-0,004	0,011	0,156	FALSE
0,040	0,307	0,001	0,006	0,057	FALSE
0,010	0,308	0,000	0,010	0,007	FALSE
0,121	0,318	0,004	0,008	0,187	FALSE
0,118	0,318	0,004	0,009	0,176	FALSE
-0,078	0,305	-0,003	0,009	0,125	FALSE
0,086	0,298	0,002	0,006	0,102	FALSE
0,027	0,326	0,001	0,008	0,044	FALSE
0,058	0,307	0,002	0,012	0,052	FALSE
-0,042	0,303	-0,001	0,013	0,021	FALSE
-0,071	0,298	-0,001	0,007	0,072	FALSE
-0,074	0,319	-0,004	0,013	0,127	FALSE
-0,094	0,306	-0,005	0,012	0,161	FALSE

-0,036	0,308	-0,001	0,007	0,041	FALSE
0,108	0,308	0,004	0,012	0,119	FALSE
-0,073	0,306	-0,002	0,010	0,099	FALSE
-0,079	0,316	-0,003	0,013	0,097	FALSE
0,039	0,324	0,001	0,009	0,048	FALSE
-0,073	0,301	-0,002	0,007	0,102	FALSE
-0,045	0,311	-0,001	0,007	0,050	FALSE
0,083	0,302	0,002	0,008	0,092	FALSE
0,105	0,307	0,006	0,013	0,180	FALSE
0,009	0,303	0,000	0,008	0,016	FALSE
-0,071	0,325	-0,002	0,008	0,112	FALSE
-0,038	0,308	-0,001	0,008	0,069	FALSE
-0,029	0,317	-0,001	0,008	0,038	FALSE
0,062	0,308	0,003	0,013	0,073	FALSE
0,022	0,306	0,001	0,008	0,027	FALSE
0,028	0,298	0,000	0,008	0,004	FALSE
0,057	0,302	0,001	0,006	0,069	FALSE
-0,021	0,302	-0,001	0,012	0,014	FALSE
-0,098	0,305	-0,003	0,010	0,120	FALSE
0,103	0,304	0,004	0,013	0,122	FALSE
-0,030	0,305	-0,001	0,010	0,018	FALSE
0,045	0,309	0,002	0,012	0,056	FALSE
0,044	0,319	0,001	0,009	0,043	FALSE
-0,199	0,283	-0,005	0,008	0,290	FALSE
0,063	0,307	0,002	0,011	0,070	FALSE
0,113	0,312	0,003	0,008	0,168	FALSE
0,059	0,309	0,001	0,007	0,068	FALSE
0,066	0,299	0,002	0,010	0,080	FALSE
0,059	0,308	0,002	0,008	0,076	FALSE
-0,119	0,310	-0,005	0,013	0,172	FALSE
0,051	0,309	0,002	0,012	0,056	FALSE
-0,009	0,307	-0,002	0,012	0,047	FALSE
-0,104	0,310	-0,004	0,013	0,124	FALSE
-0,024	0,305	-0,001	0,012	0,019	FALSE
0,004	0,311	0,000	0,007	0,000	FALSE
-0,108	0,305	-0,003	0,010	0,122	FALSE
-0,044	0,313	-0,001	0,007	0,050	FALSE
-0,050	0,303	-0,001	0,009	0,047	FALSE
-0,014	0,307	0,000	0,006	0,014	FALSE
-0,061	0,324	-0,001	0,008	0,056	FALSE
-0,107	0,294	-0,004	0,012	0,123	FALSE
0,101	0,305	0,003	0,011	0,098	FALSE
-0,006	0,298	-0,001	0,012	0,042	FALSE
0,043	0,309	0,001	0,008	0,049	FALSE
-0,066	0,307	-0,002	0,008	0,120	FALSE
0,093	0,300	0,002	0,007	0,083	FALSE
0,052	0,310	0,002	0,011	0,057	FALSE
0,026	0,301	0,001	0,012	0,033	FALSE
0,083	0,307	0,003	0,011	0,121	FALSE
0,155	0,300	0,003	0,006	0,215	FALSE
-0,031	0,318	-0,001	0,007	0,033	FALSE
-0,084	0,310	-0,002	0,006	0,139	FALSE
0,073	0,308	0,003	0,009	0,118	FALSE

-0,120	0,277	-0,007	0,012	0,243	FALSE
-0,037	0,309	-0,002	0,012	0,048	FALSE
-0,014	0,313	-0,001	0,011	0,035	FALSE
0,104	0,293	0,002	0,007	0,101	FALSE
-0,075	0,310	-0,002	0,007	0,094	FALSE
-0,055	0,317	-0,003	0,013	0,083	FALSE
-0,068	0,321	-0,002	0,007	0,099	FALSE
0,037	0,313	0,001	0,009	0,053	FALSE
0,105	0,313	0,004	0,011	0,146	FALSE
-0,015	0,316	-0,001	0,013	0,038	FALSE
-0,060	0,302	-0,002	0,009	0,092	FALSE
0,143	0,309	0,006	0,013	0,190	FALSE
-0,083	0,302	-0,003	0,010	0,129	FALSE
-0,070	0,314	-0,003	0,011	0,102	FALSE
-0,052	0,299	-0,002	0,008	0,080	FALSE
0,022	0,304	0,001	0,006	0,042	FALSE
-0,096	0,302	-0,003	0,011	0,123	FALSE
-0,081	0,310	-0,003	0,010	0,115	FALSE
-0,030	0,315	-0,001	0,007	0,066	FALSE
-0,075	0,308	-0,003	0,010	0,123	FALSE
0,021	0,303	0,001	0,007	0,045	FALSE
0,027	0,315	0,002	0,011	0,063	FALSE
0,073	0,302	0,002	0,007	0,119	FALSE
0,070	0,314	0,002	0,007	0,102	FALSE
-0,038	0,320	-0,001	0,012	0,044	FALSE
-0,026	0,325	-0,001	0,009	0,021	FALSE
-0,080	0,314	-0,002	0,009	0,093	FALSE
-0,131	0,318	-0,003	0,008	0,157	FALSE
0,020	0,300	0,000	0,006	0,015	FALSE
0,052	0,313	0,002	0,008	0,088	FALSE
-0,059	0,316	-0,001	0,007	0,056	FALSE
-0,005	0,308	0,000	0,009	0,015	FALSE
0,018	0,305	0,000	0,010	0,004	FALSE
-0,025	0,304	-0,001	0,008	0,058	FALSE
-0,079	0,320	-0,002	0,007	0,101	FALSE
-0,004	0,300	0,001	0,007	0,029	FALSE
0,034	0,305	0,002	0,008	0,074	FALSE
0,146	0,308	0,003	0,007	0,180	FALSE
0,128	0,300	0,002	0,006	0,131	FALSE
0,055	0,295	0,002	0,010	0,078	FALSE
0,047	0,301	0,002	0,010	0,074	FALSE
0,141	0,298	0,006	0,013	0,186	FALSE
-0,118	0,308	-0,003	0,010	0,131	FALSE
-0,053	0,314	-0,002	0,008	0,098	FALSE
-0,017	0,313	0,000	0,011	0,002	FALSE
0,015	0,306	0,001	0,010	0,043	FALSE
0,103	0,306	0,002	0,009	0,076	FALSE
-0,041	0,308	-0,001	0,007	0,052	FALSE
-0,051	0,312	-0,002	0,011	0,067	FALSE
-0,010	0,302	-0,001	0,009	0,029	FALSE
0,104	0,297	0,003	0,009	0,123	FALSE
0,126	0,299	0,006	0,012	0,200	FALSE
0,033	0,297	0,001	0,007	0,043	FALSE

0,052	0,316	0,001	0,007	0,061	FALSE
0,025	0,303	0,001	0,011	0,028	FALSE
0,125	0,308	0,003	0,007	0,159	FALSE
-0,048	0,296	-0,001	0,008	0,036	FALSE
0,011	0,304	0,000	0,011	0,010	FALSE
-0,062	0,307	-0,002	0,007	0,095	FALSE
0,080	0,302	0,002	0,009	0,085	FALSE
-0,056	0,309	-0,001	0,006	0,075	FALSE
-0,023	0,308	-0,001	0,012	0,028	FALSE
-0,014	0,302	-0,001	0,012	0,027	FALSE
-0,047	0,296	-0,001	0,009	0,059	FALSE
0,078	0,314	0,003	0,012	0,086	FALSE
0,000	0,305	0,000	0,010	0,004	FALSE
-0,048	0,312	-0,001	0,010	0,051	FALSE
-0,018	0,313	-0,001	0,009	0,020	FALSE
-0,042	0,295	-0,001	0,012	0,043	FALSE
0,002	0,292	0,000	0,008	0,005	FALSE
-0,123	0,308	-0,003	0,007	0,159	FALSE
0,110	0,311	0,003	0,008	0,153	FALSE
0,080	0,305	0,003	0,012	0,084	FALSE
-0,069	0,315	-0,003	0,012	0,097	FALSE
-0,023	0,310	0,000	0,011	0,013	FALSE
0,034	0,315	0,001	0,009	0,020	FALSE
-0,103	0,309	-0,003	0,012	0,089	FALSE
-0,023	0,302	-0,001	0,011	0,042	FALSE
0,006	0,309	0,000	0,011	0,004	FALSE
-0,022	0,306	-0,001	0,011	0,038	FALSE
-0,052	0,318	-0,002	0,013	0,063	FALSE
-0,017	0,314	-0,001	0,012	0,042	FALSE
-0,004	0,308	-0,001	0,011	0,020	FALSE
0,054	0,304	0,001	0,012	0,041	FALSE
0,049	0,308	0,001	0,009	0,034	FALSE
-0,076	0,304	-0,002	0,008	0,117	FALSE
-0,062	0,294	-0,001	0,006	0,078	FALSE
0,040	0,312	0,001	0,010	0,052	FALSE
0,024	0,302	0,001	0,006	0,048	FALSE
0,053	0,324	0,003	0,013	0,100	FALSE
0,007	0,307	-0,001	0,013	0,025	FALSE
-0,003	0,321	0,000	0,013	0,008	FALSE
0,025	0,305	0,002	0,011	0,064	FALSE
-0,004	0,306	-0,001	0,011	0,019	FALSE
0,032	0,310	0,002	0,013	0,042	FALSE
-0,120	0,302	-0,004	0,010	0,144	FALSE
0,122	0,300	0,004	0,012	0,134	FALSE
-0,090	0,306	-0,002	0,008	0,082	FALSE
-0,121	0,309	-0,004	0,010	0,164	FALSE
-0,091	0,310	-0,003	0,008	0,123	FALSE
0,193	0,309	0,006	0,011	0,252	FALSE
0,202	0,294	0,005	0,008	0,282	FALSE
-0,037	0,303	-0,001	0,008	0,024	FALSE
-0,101	0,303	-0,003	0,007	0,188	FALSE
-0,015	0,306	0,000	0,008	0,006	FALSE
-0,003	0,310	-0,001	0,012	0,026	FALSE

0,002	0,289	0,000	0,008	0,021	FALSE
-0,125	0,298	-0,003	0,007	0,163	FALSE
-0,176	0,312	-0,008	0,013	0,282	FALSE
-0,078	0,322	-0,003	0,009	0,118	FALSE
-0,014	0,314	-0,001	0,011	0,034	FALSE
-0,003	0,306	0,000	0,008	0,009	FALSE
-0,016	0,313	0,000	0,008	0,006	FALSE
-0,101	0,298	-0,003	0,011	0,112	FALSE
0,153	0,297	0,004	0,007	0,238	FALSE
-0,019	0,322	0,000	0,009	0,013	FALSE
-0,105	0,307	-0,004	0,009	0,178	FALSE
0,051	0,319	0,001	0,009	0,056	FALSE
0,000	0,308	0,000	0,006	0,012	FALSE
0,160	0,310	0,006	0,010	0,259	FALSE
0,088	0,302	0,003	0,010	0,128	FALSE
-0,070	0,316	-0,001	0,010	0,053	FALSE
0,016	0,314	0,001	0,008	0,041	FALSE
-0,014	0,306	0,000	0,007	0,001	FALSE
0,095	0,299	0,003	0,009	0,106	FALSE
0,059	0,302	0,001	0,009	0,056	FALSE
0,029	0,302	0,000	0,007	0,005	FALSE
0,031	0,313	0,001	0,008	0,039	FALSE
-0,113	0,317	-0,003	0,009	0,154	FALSE
0,024	0,307	0,000	0,008	0,017	FALSE
-0,002	0,315	0,001	0,010	0,029	FALSE
0,112	0,305	0,004	0,008	0,197	FALSE
-0,071	0,308	-0,002	0,008	0,074	FALSE
0,025	0,318	0,001	0,013	0,027	FALSE
0,080	0,312	0,003	0,013	0,083	FALSE
-0,160	0,303	-0,004	0,007	0,228	FALSE
0,013	0,294	0,001	0,009	0,023	FALSE
-0,057	0,311	-0,001	0,012	0,043	FALSE
0,011	0,300	0,000	0,011	0,015	FALSE
-0,045	0,307	-0,002	0,012	0,068	FALSE
0,003	0,319	0,001	0,011	0,016	FALSE
-0,110	0,307	-0,004	0,010	0,133	FALSE
0,042	0,296	0,003	0,013	0,076	FALSE
0,008	0,297	0,000	0,007	0,014	FALSE
-0,150	0,292	-0,003	0,007	0,198	FALSE
0,118	0,311	0,004	0,010	0,188	FALSE
0,027	0,315	0,001	0,008	0,034	FALSE
0,030	0,294	0,002	0,011	0,056	FALSE
-0,050	0,299	-0,003	0,013	0,085	FALSE
0,038	0,309	0,001	0,013	0,041	FALSE
0,095	0,302	0,002	0,007	0,097	FALSE
-0,071	0,280	-0,002	0,009	0,099	FALSE
0,026	0,300	0,000	0,009	0,007	FALSE
0,028	0,309	0,000	0,008	0,020	FALSE
0,163	0,292	0,004	0,007	0,248	FALSE
-0,003	0,311	-0,001	0,010	0,042	FALSE
0,108	0,292	0,002	0,007	0,108	FALSE
0,018	0,313	0,000	0,008	0,013	FALSE
0,128	0,295	0,005	0,012	0,162	FALSE

0,118	0,300	0,005	0,013	0,147	FALSE
0,140	0,298	0,006	0,013	0,183	FALSE
0,142	0,304	0,006	0,013	0,182	FALSE
0,000	0,309	0,001	0,013	0,018	FALSE
-0,012	0,297	-0,001	0,008	0,043	FALSE
0,000	0,302	0,000	0,006	0,015	FALSE
0,030	0,304	0,000	0,009	0,006	FALSE
0,107	0,310	0,004	0,009	0,173	FALSE
0,099	0,302	0,004	0,011	0,162	FALSE
0,111	0,311	0,004	0,011	0,157	FALSE
0,076	0,309	0,003	0,012	0,090	FALSE
0,111	0,316	0,004	0,011	0,141	FALSE
-0,035	0,308	-0,002	0,010	0,061	FALSE
0,110	0,306	0,005	0,012	0,172	FALSE
0,046	0,300	0,000	0,008	0,013	FALSE
-0,022	0,300	-0,001	0,008	0,030	FALSE
-0,042	0,311	-0,001	0,006	0,031	FALSE
0,002	0,315	0,000	0,008	0,002	FALSE
-0,044	0,305	-0,001	0,007	0,066	FALSE
0,072	0,300	0,003	0,011	0,123	FALSE
-0,018	0,310	0,000	0,012	0,011	FALSE
0,047	0,291	0,001	0,006	0,083	FALSE
0,168	0,304	0,004	0,007	0,219	FALSE
-0,077	0,310	-0,003	0,013	0,093	FALSE
-0,072	0,298	-0,002	0,007	0,096	FALSE
0,002	0,301	0,001	0,007	0,030	FALSE
0,030	0,310	0,000	0,007	0,016	FALSE
0,151	0,314	0,004	0,007	0,226	FALSE
0,002	0,311	0,000	0,013	0,001	FALSE
0,098	0,304	0,002	0,006	0,103	FALSE
0,078	0,313	0,002	0,009	0,068	FALSE
-0,029	0,317	-0,001	0,010	0,027	FALSE
-0,078	0,304	-0,001	0,006	0,064	FALSE
-0,035	0,290	-0,001	0,008	0,030	FALSE
0,002	0,323	0,000	0,007	0,008	FALSE
0,152	0,304	0,004	0,008	0,235	FALSE
0,102	0,305	0,004	0,012	0,138	FALSE
0,146	0,319	0,004	0,009	0,191	FALSE
-0,054	0,302	-0,001	0,007	0,069	FALSE
-0,040	0,305	-0,001	0,008	0,060	FALSE
-0,071	0,312	-0,004	0,013	0,113	FALSE
0,105	0,303	0,005	0,012	0,155	FALSE
0,097	0,304	0,004	0,012	0,145	FALSE
0,010	0,312	0,000	0,007	0,007	FALSE
-0,060	0,309	-0,002	0,011	0,064	FALSE
-0,063	0,311	-0,003	0,010	0,106	FALSE
-0,088	0,317	-0,003	0,009	0,144	FALSE
-0,082	0,316	-0,003	0,009	0,112	FALSE
-0,084	0,309	-0,002	0,007	0,096	FALSE
-0,097	0,321	-0,004	0,013	0,117	FALSE
-0,029	0,307	0,000	0,006	0,023	FALSE
-0,023	0,301	0,000	0,008	0,020	FALSE
0,135	0,304	0,005	0,010	0,189	FALSE

-0,188	0,297	-0,004	0,007	0,254	FALSE
-0,207	0,295	-0,007	0,010	0,312	FALSE
-0,097	0,296	-0,003	0,010	0,117	FALSE
-0,037	0,309	-0,001	0,011	0,017	FALSE
0,018	0,312	0,001	0,012	0,037	FALSE
0,010	0,318	0,001	0,012	0,015	FALSE
0,005	0,317	0,000	0,006	0,002	FALSE
0,010	0,310	0,000	0,009	0,018	FALSE
-0,020	0,299	-0,001	0,006	0,050	FALSE
-0,089	0,304	-0,003	0,012	0,100	FALSE
-0,062	0,296	-0,003	0,012	0,082	FALSE
0,053	0,298	0,003	0,013	0,099	FALSE
-0,056	0,308	-0,001	0,007	0,073	FALSE
-0,078	0,307	-0,002	0,007	0,096	FALSE
0,055	0,312	0,002	0,011	0,049	FALSE
-0,068	0,307	-0,003	0,012	0,095	FALSE
0,050	0,309	0,001	0,008	0,037	FALSE
0,084	0,309	0,003	0,011	0,098	FALSE
0,057	0,302	0,001	0,006	0,042	FALSE
0,042	0,308	0,001	0,008	0,047	FALSE
-0,143	0,299	-0,006	0,012	0,184	FALSE
0,007	0,311	0,000	0,011	0,003	FALSE
0,060	0,304	0,001	0,007	0,075	FALSE
-0,154	0,293	-0,005	0,009	0,216	FALSE
-0,091	0,313	-0,003	0,012	0,109	FALSE
-0,095	0,296	-0,002	0,008	0,111	FALSE
0,029	0,309	0,000	0,012	0,006	FALSE
0,077	0,307	0,003	0,010	0,118	FALSE
0,064	0,307	0,002	0,013	0,060	FALSE
0,127	0,308	0,004	0,010	0,141	FALSE
-0,114	0,303	-0,004	0,012	0,148	FALSE
-0,008	0,312	0,000	0,007	0,006	FALSE
0,044	0,323	0,001	0,008	0,043	FALSE
0,006	0,326	0,000	0,009	0,002	FALSE
0,130	0,288	0,003	0,007	0,198	FALSE
0,000	0,307	0,000	0,008	0,012	FALSE
-0,088	0,307	-0,002	0,007	0,121	FALSE
0,037	0,305	0,002	0,012	0,064	FALSE
0,011	0,310	0,000	0,010	0,007	FALSE
0,077	0,310	0,002	0,009	0,086	FALSE
-0,002	0,304	0,000	0,010	0,006	FALSE
0,074	0,309	0,003	0,011	0,093	FALSE
-0,020	0,296	0,000	0,006	0,022	FALSE
-0,027	0,312	-0,001	0,007	0,049	FALSE
0,007	0,323	0,000	0,008	0,013	FALSE
0,042	0,312	0,001	0,007	0,064	FALSE
0,002	0,285	0,000	0,012	0,002	FALSE
-0,036	0,293	-0,002	0,011	0,057	FALSE
0,209	0,307	0,009	0,012	0,321	FALSE
-0,085	0,319	-0,002	0,008	0,078	FALSE
0,062	0,302	0,001	0,010	0,035	FALSE
-0,142	0,312	-0,004	0,008	0,184	FALSE
-0,049	0,326	-0,001	0,007	0,040	FALSE

0,092	0,296	0,004	0,011	0,140	FALSE
-0,017	0,291	0,000	0,008	0,011	FALSE
0,030	0,300	0,001	0,009	0,048	FALSE
0,015	0,312	0,000	0,008	0,021	FALSE
-0,071	0,306	-0,001	0,008	0,057	FALSE
-0,028	0,301	0,000	0,007	0,024	FALSE
0,085	0,291	0,003	0,009	0,121	FALSE
0,038	0,315	0,001	0,012	0,041	FALSE
0,036	0,290	0,001	0,009	0,054	FALSE
-0,030	0,277	-0,002	0,009	0,066	FALSE
0,049	0,306	0,001	0,006	0,064	FALSE
0,028	0,287	0,002	0,011	0,060	FALSE
0,002	0,312	-0,001	0,011	0,031	FALSE
-0,016	0,308	-0,001	0,012	0,039	FALSE
0,018	0,316	0,000	0,013	0,003	FALSE
-0,003	0,305	-0,001	0,007	0,035	FALSE
-0,117	0,312	-0,004	0,011	0,159	FALSE
0,013	0,302	0,000	0,007	0,011	FALSE
0,058	0,306	0,002	0,011	0,055	FALSE
0,000	0,310	0,000	0,010	0,011	FALSE
0,024	0,312	0,001	0,006	0,036	FALSE
-0,003	0,317	0,000	0,007	0,007	FALSE
-0,162	0,312	-0,004	0,009	0,208	FALSE
0,196	0,308	0,008	0,013	0,276	FALSE
0,064	0,307	0,001	0,007	0,050	FALSE
-0,201	0,297	-0,005	0,007	0,278	FALSE
-0,144	0,309	-0,004	0,009	0,189	FALSE
-0,153	0,309	-0,005	0,011	0,179	FALSE
-0,144	0,301	-0,004	0,008	0,207	FALSE
0,096	0,298	0,003	0,012	0,105	FALSE
0,049	0,305	0,002	0,013	0,048	FALSE
0,050	0,289	0,002	0,012	0,072	FALSE
0,076	0,299	0,003	0,012	0,096	FALSE
0,043	0,299	0,001	0,007	0,063	FALSE
-0,097	0,302	-0,005	0,013	0,149	FALSE
0,007	0,317	0,001	0,008	0,024	FALSE
-0,030	0,303	-0,001	0,009	0,031	FALSE
-0,024	0,318	-0,001	0,009	0,050	FALSE
0,095	0,301	0,002	0,007	0,112	FALSE
0,110	0,316	0,002	0,008	0,130	FALSE
-0,015	0,301	0,000	0,006	0,008	FALSE
0,006	0,312	0,000	0,007	0,023	FALSE
0,158	0,301	0,005	0,011	0,199	FALSE
-0,088	0,298	-0,002	0,006	0,131	FALSE
0,020	0,318	0,000	0,007	0,022	FALSE
-0,021	0,307	-0,001	0,012	0,023	FALSE
-0,153	0,308	-0,003	0,007	0,207	FALSE
0,019	0,290	0,000	0,012	0,007	FALSE
-0,078	0,293	-0,002	0,009	0,072	FALSE
0,003	0,303	0,001	0,012	0,017	FALSE
0,018	0,295	0,001	0,009	0,043	FALSE
-0,131	0,312	-0,005	0,013	0,161	FALSE
-0,058	0,318	-0,001	0,008	0,057	FALSE

-0,032	0,295	-0,001	0,009	0,044	FALSE
0,073	0,308	0,002	0,010	0,084	FALSE
-0,049	0,302	-0,001	0,006	0,064	FALSE
0,001	0,327	0,000	0,012	0,001	FALSE
0,095	0,304	0,003	0,012	0,102	FALSE
0,021	0,315	0,001	0,009	0,040	FALSE
0,117	0,304	0,006	0,013	0,198	FALSE
-0,088	0,314	-0,003	0,009	0,108	FALSE
-0,055	0,298	-0,002	0,012	0,054	FALSE
-0,110	0,301	-0,003	0,010	0,115	FALSE
-0,101	0,318	-0,002	0,008	0,120	FALSE
-0,090	0,300	-0,002	0,009	0,087	FALSE
-0,090	0,293	-0,002	0,010	0,095	FALSE
-0,064	0,309	-0,002	0,011	0,073	FALSE
-0,066	0,301	-0,002	0,011	0,077	FALSE
0,124	0,296	0,003	0,007	0,185	FALSE
0,031	0,297	0,001	0,007	0,058	FALSE
0,005	0,313	0,000	0,012	0,006	FALSE
-0,056	0,300	-0,001	0,008	0,060	FALSE
-0,046	0,285	-0,001	0,011	0,046	FALSE
0,011	0,312	0,001	0,013	0,016	FALSE
-0,121	0,300	-0,003	0,008	0,162	FALSE
-0,061	0,321	-0,002	0,008	0,083	FALSE
0,042	0,313	0,002	0,009	0,066	FALSE
0,082	0,306	0,002	0,008	0,086	FALSE
0,073	0,306	0,003	0,012	0,092	FALSE
-0,061	0,314	-0,003	0,013	0,079	FALSE
0,036	0,321	0,001	0,013	0,028	FALSE
0,041	0,299	0,001	0,008	0,026	FALSE
0,011	0,316	0,001	0,009	0,023	FALSE
-0,036	0,309	-0,002	0,011	0,064	FALSE
-0,021	0,297	0,000	0,010	0,009	FALSE
-0,024	0,309	-0,001	0,009	0,029	FALSE
-0,037	0,304	0,000	0,007	0,013	FALSE
0,090	0,305	0,002	0,006	0,124	FALSE
-0,052	0,306	-0,002	0,009	0,075	FALSE
-0,017	0,322	-0,001	0,008	0,025	FALSE
0,034	0,306	0,002	0,012	0,064	FALSE
-0,024	0,304	-0,001	0,012	0,021	FALSE
-0,059	0,313	-0,002	0,008	0,079	FALSE
0,053	0,310	0,003	0,013	0,091	FALSE
-0,028	0,313	-0,002	0,013	0,044	FALSE
0,171	0,286	0,005	0,008	0,312	FALSE
-0,011	0,306	0,000	0,010	0,013	FALSE
0,045	0,310	0,002	0,007	0,093	FALSE
0,186	0,295	0,005	0,007	0,277	FALSE
-0,133	0,313	-0,004	0,010	0,151	FALSE
-0,073	0,312	-0,002	0,011	0,067	FALSE
0,141	0,308	0,005	0,009	0,208	FALSE
0,087	0,304	0,003	0,010	0,096	FALSE
-0,007	0,301	0,000	0,009	0,006	FALSE
0,076	0,313	0,003	0,009	0,133	FALSE
-0,013	0,311	0,000	0,009	0,002	FALSE

-0,095	0,303	-0,003	0,009	0,122	FALSE
0,048	0,317	0,001	0,008	0,045	FALSE
-0,065	0,306	-0,003	0,011	0,092	FALSE
-0,042	0,287	-0,001	0,011	0,027	FALSE
0,065	0,316	0,001	0,007	0,070	FALSE
0,026	0,303	0,001	0,007	0,045	FALSE
-0,111	0,303	-0,003	0,008	0,161	FALSE
-0,195	0,306	-0,007	0,011	0,284	FALSE
-0,084	0,312	-0,002	0,007	0,095	FALSE
-0,132	0,303	-0,003	0,006	0,179	FALSE
0,062	0,298	0,002	0,011	0,082	FALSE
0,082	0,305	0,003	0,013	0,086	FALSE
-0,041	0,301	-0,001	0,013	0,030	FALSE
0,019	0,320	0,000	0,012	0,011	FALSE
0,059	0,315	0,002	0,012	0,061	FALSE
0,060	0,308	0,002	0,011	0,078	FALSE
0,171	0,290	0,005	0,009	0,252	FALSE
0,042	0,308	0,001	0,008	0,034	FALSE
0,007	0,309	0,000	0,007	0,018	FALSE
0,031	0,310	0,001	0,008	0,032	FALSE
-0,006	0,301	0,000	0,012	0,013	FALSE
0,058	0,307	0,001	0,009	0,042	FALSE
-0,108	0,312	-0,003	0,008	0,128	FALSE
-0,029	0,299	-0,001	0,007	0,041	FALSE
-0,074	0,300	-0,002	0,008	0,070	FALSE
0,124	0,320	0,005	0,011	0,191	FALSE
0,096	0,299	0,003	0,009	0,129	FALSE
-0,128	0,305	-0,006	0,012	0,206	FALSE
-0,027	0,320	0,000	0,007	0,007	FALSE
-0,034	0,295	-0,001	0,012	0,029	FALSE
-0,034	0,309	-0,002	0,010	0,057	FALSE
0,005	0,299	0,001	0,010	0,018	FALSE
-0,217	0,299	-0,007	0,010	0,306	FALSE
-0,098	0,317	-0,002	0,008	0,111	FALSE
0,036	0,312	0,001	0,007	0,026	FALSE
0,066	0,312	0,002	0,007	0,098	FALSE
-0,067	0,313	-0,001	0,006	0,080	FALSE
-0,033	0,315	-0,001	0,007	0,064	FALSE
0,033	0,306	0,000	0,007	0,019	FALSE
-0,019	0,306	-0,001	0,010	0,017	FALSE
0,024	0,307	0,000	0,011	0,011	FALSE
0,007	0,323	0,000	0,012	0,001	FALSE
-0,027	0,318	-0,001	0,009	0,038	FALSE
-0,096	0,304	-0,002	0,008	0,110	FALSE
-0,111	0,307	-0,003	0,009	0,135	FALSE
0,000	0,310	0,000	0,007	0,001	FALSE
-0,174	0,323	-0,005	0,009	0,225	FALSE
-0,127	0,310	-0,004	0,011	0,170	FALSE
0,047	0,310	0,002	0,007	0,081	FALSE
-0,095	0,307	-0,002	0,007	0,098	FALSE
0,001	0,313	0,001	0,009	0,022	FALSE
0,118	0,303	0,003	0,009	0,144	FALSE
-0,030	0,297	-0,001	0,009	0,028	FALSE

0,115	0,303	0,005	0,012	0,160	FALSE
0,014	0,301	0,000	0,007	0,004	FALSE
-0,001	0,303	-0,001	0,013	0,023	FALSE
0,093	0,301	0,002	0,007	0,105	FALSE
-0,060	0,315	-0,002	0,008	0,077	FALSE
0,024	0,322	0,000	0,008	0,016	FALSE
-0,041	0,300	-0,001	0,011	0,028	FALSE
-0,011	0,307	0,000	0,010	0,003	FALSE
0,142	0,303	0,004	0,008	0,216	FALSE
0,078	0,304	0,002	0,008	0,098	FALSE
-0,044	0,302	-0,001	0,007	0,026	FALSE
-0,064	0,312	-0,001	0,008	0,046	FALSE
0,036	0,309	0,001	0,009	0,029	FALSE
0,136	0,297	0,005	0,012	0,164	FALSE
-0,165	0,309	-0,007	0,012	0,237	FALSE
-0,001	0,320	-0,001	0,012	0,017	FALSE
0,035	0,304	0,001	0,007	0,033	FALSE
0,025	0,296	0,000	0,012	0,013	FALSE
-0,099	0,297	-0,003	0,010	0,123	FALSE
-0,016	0,314	0,000	0,008	0,009	FALSE
-0,032	0,318	0,000	0,007	0,015	FALSE
0,022	0,314	0,001	0,012	0,023	FALSE
-0,016	0,308	0,000	0,008	0,012	FALSE
0,000	0,304	0,000	0,013	0,005	FALSE
0,005	0,298	0,000	0,008	0,003	FALSE
0,105	0,305	0,002	0,007	0,102	FALSE
0,102	0,315	0,003	0,012	0,097	FALSE
0,141	0,303	0,003	0,007	0,153	FALSE
0,086	0,302	0,002	0,007	0,115	FALSE
-0,099	0,303	-0,003	0,010	0,132	FALSE
-0,049	0,312	-0,001	0,012	0,026	FALSE
0,118	0,306	0,006	0,013	0,180	FALSE
-0,057	0,305	-0,001	0,009	0,037	FALSE
-0,010	0,309	0,000	0,006	0,006	FALSE
0,028	0,320	0,001	0,013	0,034	FALSE
0,065	0,304	0,002	0,013	0,066	FALSE
-0,075	0,310	-0,002	0,009	0,099	FALSE
0,071	0,300	0,003	0,012	0,093	FALSE
-0,012	0,313	-0,001	0,012	0,034	FALSE
-0,055	0,301	-0,002	0,009	0,069	FALSE
-0,006	0,317	0,000	0,011	0,009	FALSE
-0,121	0,312	-0,002	0,007	0,131	FALSE
0,094	0,313	0,003	0,011	0,097	FALSE
0,089	0,295	0,003	0,011	0,115	FALSE
-0,011	0,301	0,000	0,007	0,008	FALSE
0,133	0,291	0,005	0,011	0,165	FALSE
0,026	0,307	0,001	0,012	0,042	FALSE
0,033	0,311	0,002	0,011	0,066	FALSE
-0,060	0,303	-0,001	0,008	0,063	FALSE
0,051	0,299	0,001	0,008	0,046	FALSE
-0,048	0,291	0,000	0,008	0,017	FALSE
0,101	0,311	0,002	0,008	0,112	FALSE
0,027	0,298	0,002	0,010	0,056	FALSE

0,020	0,307	0,001	0,011	0,042	FALSE
-0,036	0,310	-0,002	0,013	0,062	FALSE
-0,007	0,315	0,000	0,007	0,022	FALSE
-0,016	0,319	-0,001	0,013	0,034	FALSE
0,075	0,319	0,003	0,013	0,081	FALSE
0,125	0,311	0,004	0,009	0,181	FALSE
0,199	0,290	0,007	0,009	0,338	FALSE
-0,168	0,291	-0,004	0,006	0,254	FALSE
-0,032	0,309	-0,002	0,012	0,063	FALSE
-0,019	0,306	-0,001	0,008	0,030	FALSE
0,064	0,305	0,002	0,007	0,098	FALSE
-0,014	0,312	0,000	0,007	0,004	FALSE
-0,055	0,321	-0,001	0,009	0,054	FALSE
-0,030	0,316	-0,001	0,007	0,051	FALSE
0,090	0,302	0,002	0,007	0,089	FALSE
0,073	0,299	0,002	0,007	0,081	FALSE
0,072	0,319	0,002	0,008	0,100	FALSE
0,047	0,306	0,002	0,011	0,059	FALSE
-0,046	0,305	-0,001	0,007	0,054	FALSE
-0,029	0,324	-0,001	0,007	0,055	FALSE
-0,052	0,304	-0,001	0,009	0,046	FALSE
0,054	0,312	0,003	0,013	0,075	FALSE
0,074	0,326	0,004	0,013	0,115	FALSE
-0,042	0,315	-0,001	0,010	0,035	FALSE
0,039	0,299	0,001	0,009	0,037	FALSE
-0,088	0,313	-0,004	0,012	0,119	FALSE
0,014	0,314	0,001	0,010	0,026	FALSE
-0,048	0,306	-0,002	0,010	0,060	FALSE
-0,040	0,315	-0,001	0,011	0,034	FALSE
-0,158	0,310	-0,004	0,009	0,201	FALSE
0,071	0,291	0,002	0,008	0,072	FALSE
0,004	0,277	0,001	0,012	0,028	FALSE
-0,021	0,306	-0,001	0,012	0,018	FALSE
0,037	0,299	0,002	0,012	0,068	FALSE
-0,045	0,322	-0,003	0,012	0,087	FALSE
-0,089	0,312	-0,004	0,013	0,139	FALSE
0,053	0,312	0,001	0,007	0,069	FALSE
-0,042	0,295	-0,002	0,008	0,093	FALSE
-0,047	0,311	-0,001	0,010	0,045	FALSE
-0,065	0,321	-0,001	0,008	0,065	FALSE
-0,081	0,306	-0,002	0,007	0,098	FALSE
-0,076	0,318	-0,002	0,007	0,102	FALSE
-0,022	0,298	-0,001	0,010	0,031	FALSE
0,042	0,305	0,001	0,010	0,044	FALSE
0,148	0,290	0,004	0,008	0,215	FALSE
0,034	0,316	0,001	0,012	0,022	FALSE
-0,037	0,320	-0,002	0,013	0,046	FALSE
0,030	0,314	0,001	0,011	0,016	FALSE
0,007	0,292	0,000	0,008	0,016	FALSE
0,078	0,313	0,002	0,013	0,061	FALSE
-0,141	0,310	-0,004	0,009	0,198	FALSE
-0,129	0,307	-0,004	0,010	0,164	FALSE
0,143	0,300	0,005	0,013	0,169	FALSE

-0,124	0,310	-0,005	0,013	0,151	FALSE
-0,040	0,314	-0,001	0,007	0,063	FALSE
-0,010	0,313	0,000	0,007	0,014	FALSE
-0,019	0,301	0,000	0,008	0,020	FALSE
-0,116	0,321	-0,002	0,007	0,139	FALSE
-0,034	0,316	-0,001	0,008	0,045	FALSE
0,050	0,321	0,001	0,008	0,039	FALSE
0,051	0,312	0,001	0,008	0,059	FALSE
-0,106	0,309	-0,004	0,010	0,147	FALSE
0,175	0,316	0,006	0,011	0,205	FALSE
-0,181	0,298	-0,005	0,008	0,289	FALSE
0,005	0,299	0,000	0,006	0,006	FALSE
-0,029	0,305	-0,001	0,007	0,044	FALSE
0,055	0,314	0,001	0,007	0,066	FALSE
0,036	0,305	0,001	0,007	0,028	FALSE
0,202	0,291	0,008	0,012	0,316	FALSE
-0,060	0,315	-0,002	0,013	0,072	FALSE
0,030	0,306	0,001	0,013	0,038	FALSE
-0,089	0,307	-0,002	0,008	0,118	FALSE
-0,016	0,321	0,000	0,012	0,001	FALSE
0,059	0,312	0,002	0,008	0,077	FALSE
-0,028	0,308	-0,002	0,011	0,057	FALSE
-0,059	0,305	-0,001	0,007	0,083	FALSE
-0,011	0,304	0,000	0,007	0,000	FALSE
0,123	0,315	0,003	0,007	0,185	FALSE
0,015	0,322	0,000	0,008	0,016	FALSE
-0,095	0,324	-0,002	0,007	0,114	FALSE
0,139	0,314	0,004	0,007	0,221	FALSE
-0,031	0,309	-0,001	0,009	0,038	FALSE
0,006	0,294	0,000	0,009	0,014	FALSE
-0,094	0,312	-0,003	0,009	0,115	FALSE
0,122	0,297	0,002	0,006	0,147	FALSE
0,193	0,308	0,006	0,008	0,296	FALSE
0,201	0,297	0,005	0,007	0,334	FALSE
-0,097	0,312	-0,002	0,006	0,119	FALSE
0,140	0,303	0,004	0,009	0,176	FALSE
-0,006	0,307	0,000	0,008	0,011	FALSE
0,008	0,321	0,000	0,009	0,009	FALSE
-0,098	0,311	-0,002	0,009	0,097	FALSE
-0,120	0,303	-0,004	0,012	0,144	FALSE
0,059	0,317	0,002	0,013	0,054	FALSE
0,105	0,304	0,003	0,009	0,128	FALSE
0,029	0,307	0,001	0,007	0,039	FALSE
-0,054	0,308	-0,002	0,010	0,073	FALSE
0,013	0,317	0,001	0,011	0,031	FALSE
-0,030	0,312	-0,001	0,010	0,019	FALSE
0,013	0,308	0,001	0,009	0,028	FALSE
-0,027	0,310	0,000	0,010	0,011	FALSE
-0,019	0,291	0,000	0,009	0,015	FALSE
-0,039	0,313	-0,001	0,010	0,036	FALSE
0,249	0,291	0,006	0,007	0,412	FALSE
0,217	0,299	0,006	0,007	0,339	FALSE
0,005	0,297	0,001	0,008	0,027	FALSE

-0,010	0,311	0,000	0,009	0,020	FALSE
0,078	0,320	0,003	0,013	0,089	FALSE
0,082	0,309	0,002	0,011	0,072	FALSE
0,082	0,299	0,002	0,009	0,089	FALSE
0,102	0,306	0,005	0,013	0,157	FALSE
0,102	0,306	0,003	0,008	0,143	FALSE
0,034	0,311	0,001	0,007	0,070	FALSE
0,102	0,309	0,005	0,012	0,149	FALSE
0,051	0,296	0,002	0,013	0,060	FALSE
0,038	0,301	0,001	0,009	0,051	FALSE
0,064	0,314	0,002	0,013	0,053	FALSE
-0,041	0,313	-0,001	0,008	0,056	FALSE
0,100	0,306	0,002	0,007	0,094	FALSE
-0,106	0,298	-0,004	0,010	0,143	FALSE
0,024	0,307	0,001	0,007	0,052	FALSE
0,042	0,321	0,001	0,007	0,034	FALSE
-0,164	0,293	-0,005	0,009	0,245	FALSE
0,122	0,299	0,002	0,006	0,144	FALSE
-0,024	0,315	-0,001	0,011	0,027	FALSE
0,014	0,304	0,001	0,007	0,071	FALSE
0,105	0,291	0,003	0,010	0,126	FALSE
0,078	0,318	0,002	0,008	0,079	FALSE
0,058	0,285	0,001	0,008	0,026	FALSE
-0,026	0,310	-0,001	0,012	0,031	FALSE
0,063	0,296	0,002	0,007	0,109	FALSE
-0,163	0,304	-0,006	0,011	0,225	FALSE
-0,004	0,301	-0,001	0,012	0,037	FALSE
0,017	0,315	0,001	0,010	0,036	FALSE
-0,008	0,303	0,000	0,010	0,004	FALSE
-0,039	0,314	-0,001	0,009	0,036	FALSE
-0,090	0,313	-0,003	0,012	0,092	FALSE
0,046	0,295	0,001	0,007	0,081	FALSE
-0,063	0,304	-0,002	0,008	0,083	FALSE
-0,066	0,309	-0,002	0,009	0,074	FALSE
0,020	0,292	0,000	0,012	0,000	FALSE
-0,113	0,303	-0,004	0,011	0,153	FALSE
-0,110	0,319	-0,004	0,012	0,148	FALSE
-0,009	0,303	0,000	0,012	0,008	FALSE
-0,024	0,309	0,000	0,012	0,007	FALSE
0,047	0,303	0,001	0,006	0,062	FALSE
-0,102	0,314	-0,002	0,007	0,100	FALSE
-0,039	0,311	-0,001	0,008	0,055	FALSE
-0,022	0,297	-0,002	0,010	0,054	FALSE
-0,091	0,304	-0,004	0,010	0,179	FALSE
0,013	0,302	0,000	0,007	0,012	FALSE
-0,011	0,304	-0,001	0,007	0,028	FALSE
0,001	0,318	0,000	0,008	0,008	FALSE
-0,034	0,308	-0,001	0,007	0,071	FALSE
-0,059	0,306	-0,002	0,011	0,062	FALSE
-0,023	0,324	-0,001	0,011	0,032	FALSE
0,000	0,322	0,000	0,010	0,006	FALSE
0,050	0,313	0,002	0,007	0,091	FALSE
0,029	0,306	0,001	0,010	0,029	FALSE

-0,068	0,314	-0,003	0,012	0,109	FALSE
-0,064	0,318	-0,001	0,006	0,086	FALSE
0,028	0,321	0,002	0,013	0,042	FALSE
0,004	0,313	0,001	0,007	0,027	FALSE
0,113	0,318	0,003	0,009	0,166	FALSE
-0,025	0,322	-0,001	0,012	0,038	FALSE
-0,119	0,304	-0,003	0,009	0,155	FALSE
-0,033	0,324	-0,001	0,007	0,048	FALSE
-0,005	0,308	0,000	0,007	0,006	FALSE
0,047	0,306	0,001	0,006	0,082	FALSE
0,020	0,302	0,001	0,011	0,034	FALSE
0,092	0,314	0,003	0,011	0,125	FALSE
0,051	0,306	0,001	0,008	0,063	FALSE
0,150	0,304	0,003	0,007	0,214	FALSE
-0,029	0,301	-0,001	0,008	0,031	FALSE
-0,158	0,312	-0,003	0,007	0,167	FALSE
-0,027	0,305	-0,001	0,012	0,042	FALSE
0,058	0,297	0,002	0,012	0,065	FALSE
-0,096	0,305	-0,002	0,008	0,099	FALSE
-0,023	0,319	0,000	0,007	0,006	FALSE
-0,118	0,311	-0,003	0,009	0,149	FALSE
0,134	0,298	0,006	0,011	0,229	FALSE
0,145	0,296	0,004	0,009	0,195	FALSE
-0,001	0,306	0,000	0,010	0,007	FALSE
0,022	0,306	0,001	0,009	0,052	FALSE
-0,005	0,295	0,000	0,010	0,017	FALSE
0,002	0,312	0,001	0,012	0,017	FALSE
0,010	0,313	0,000	0,006	0,018	FALSE
-0,017	0,298	0,000	0,008	0,016	FALSE
0,012	0,311	-0,001	0,009	0,024	FALSE
-0,051	0,296	-0,001	0,007	0,044	FALSE
-0,082	0,308	-0,003	0,012	0,082	FALSE
0,027	0,307	0,001	0,008	0,052	FALSE
0,105	0,301	0,005	0,013	0,177	FALSE
-0,104	0,303	-0,003	0,008	0,137	FALSE
-0,128	0,296	-0,003	0,008	0,153	FALSE
-0,003	0,315	0,000	0,008	0,002	FALSE
0,033	0,309	0,002	0,011	0,052	FALSE
0,047	0,319	0,001	0,008	0,045	FALSE
0,130	0,292	0,007	0,012	0,236	FALSE
-0,062	0,305	-0,002	0,009	0,084	FALSE
-0,101	0,302	-0,003	0,008	0,136	FALSE
0,063	0,322	0,003	0,011	0,096	FALSE
-0,056	0,321	-0,003	0,012	0,098	FALSE
0,171	0,287	0,007	0,012	0,252	FALSE
0,149	0,301	0,006	0,012	0,210	FALSE
0,186	0,301	0,007	0,012	0,255	FALSE
-0,110	0,303	-0,004	0,009	0,175	FALSE
-0,004	0,301	0,000	0,006	0,006	FALSE
-0,039	0,306	-0,001	0,007	0,043	FALSE
0,021	0,308	0,000	0,008	0,008	FALSE
0,022	0,296	0,001	0,009	0,024	FALSE
0,037	0,316	0,000	0,007	0,018	FALSE

0,029	0,307	0,001	0,010	0,031	FALSE
0,100	0,304	0,003	0,008	0,119	FALSE
0,074	0,307	0,003	0,010	0,101	FALSE
0,050	0,314	0,003	0,013	0,082	FALSE
-0,034	0,320	-0,001	0,013	0,025	FALSE
0,041	0,304	0,001	0,008	0,052	FALSE
-0,043	0,310	-0,001	0,007	0,034	FALSE
-0,011	0,311	0,000	0,009	0,010	FALSE
-0,086	0,314	-0,004	0,013	0,116	FALSE
0,053	0,304	0,002	0,009	0,073	FALSE
-0,062	0,287	-0,001	0,007	0,061	FALSE
-0,072	0,287	-0,003	0,012	0,086	FALSE
-0,115	0,311	-0,005	0,013	0,147	FALSE
-0,140	0,310	-0,004	0,008	0,198	FALSE
0,070	0,296	0,002	0,008	0,098	FALSE
-0,038	0,308	-0,002	0,013	0,060	FALSE
-0,136	0,315	-0,005	0,011	0,188	FALSE
-0,103	0,295	-0,002	0,006	0,104	FALSE
0,082	0,309	0,002	0,010	0,083	FALSE
0,025	0,318	0,001	0,007	0,025	FALSE
0,077	0,297	0,003	0,011	0,096	FALSE
0,103	0,311	0,004	0,012	0,143	FALSE
0,055	0,310	0,002	0,012	0,073	FALSE
0,123	0,298	0,004	0,010	0,169	FALSE
0,072	0,322	0,002	0,010	0,060	FALSE
0,089	0,310	0,002	0,009	0,093	FALSE
0,062	0,318	0,002	0,010	0,059	FALSE
0,056	0,311	0,001	0,010	0,053	FALSE
0,071	0,307	0,002	0,009	0,105	FALSE
-0,034	0,313	-0,002	0,012	0,068	FALSE
0,055	0,304	0,002	0,012	0,071	FALSE
0,194	0,296	0,006	0,009	0,310	FALSE
-0,109	0,301	-0,002	0,006	0,148	FALSE
0,021	0,306	0,001	0,013	0,018	FALSE
-0,050	0,306	-0,001	0,007	0,038	FALSE
0,010	0,316	0,000	0,007	0,005	FALSE
0,087	0,319	0,002	0,007	0,093	FALSE
0,114	0,301	0,005	0,011	0,184	FALSE
-0,166	0,303	-0,007	0,012	0,260	FALSE
0,088	0,304	0,004	0,012	0,138	FALSE
0,039	0,319	0,001	0,010	0,048	FALSE
0,033	0,314	0,001	0,009	0,023	FALSE
-0,026	0,306	-0,001	0,009	0,056	FALSE
-0,040	0,315	-0,001	0,008	0,044	FALSE
-0,004	0,305	0,000	0,011	0,004	FALSE
-0,019	0,315	-0,001	0,011	0,044	FALSE
-0,002	0,317	0,000	0,012	0,012	FALSE
0,124	0,301	0,004	0,010	0,172	FALSE
-0,120	0,316	-0,004	0,010	0,142	FALSE
0,008	0,321	0,000	0,010	0,010	FALSE
-0,040	0,308	-0,002	0,012	0,055	FALSE
-0,057	0,294	-0,002	0,011	0,080	FALSE
0,067	0,315	0,001	0,008	0,061	FALSE

-0,051	0,297	-0,001	0,008	0,060	FALSE
0,022	0,305	0,002	0,012	0,048	FALSE
0,047	0,308	0,002	0,012	0,068	FALSE
0,031	0,301	0,001	0,010	0,028	FALSE
0,030	0,316	0,001	0,007	0,042	FALSE
-0,125	0,310	-0,004	0,011	0,148	FALSE
0,009	0,304	0,000	0,007	0,005	FALSE
0,015	0,318	0,001	0,010	0,019	FALSE
-0,001	0,306	0,000	0,006	0,024	FALSE
-0,044	0,306	-0,001	0,006	0,043	FALSE
-0,037	0,311	-0,001	0,006	0,036	FALSE
-0,091	0,318	-0,004	0,012	0,123	FALSE
-0,099	0,298	-0,003	0,009	0,134	FALSE
0,031	0,317	0,001	0,007	0,039	FALSE
0,057	0,306	0,002	0,012	0,064	FALSE
0,112	0,308	0,003	0,008	0,144	FALSE
-0,201	0,312	-0,010	0,013	0,345	FALSE
-0,019	0,315	0,000	0,008	0,004	FALSE
0,103	0,312	0,003	0,007	0,157	FALSE
-0,086	0,321	-0,003	0,008	0,136	FALSE
0,188	0,291	0,005	0,008	0,251	FALSE
-0,117	0,300	-0,004	0,012	0,128	FALSE
0,116	0,309	0,004	0,009	0,165	FALSE
-0,066	0,303	-0,002	0,012	0,072	FALSE
-0,016	0,308	0,000	0,007	0,004	FALSE
0,037	0,314	0,000	0,008	0,020	FALSE
-0,055	0,311	-0,002	0,010	0,093	FALSE
-0,072	0,299	-0,003	0,012	0,081	FALSE
-0,086	0,312	-0,002	0,008	0,090	FALSE
0,122	0,310	0,004	0,008	0,188	FALSE
0,030	0,318	0,001	0,009	0,036	FALSE
-0,021	0,317	0,000	0,008	0,009	FALSE
0,015	0,303	0,000	0,009	0,008	FALSE
-0,023	0,310	-0,001	0,013	0,033	FALSE
-0,068	0,297	-0,002	0,007	0,101	FALSE
0,013	0,305	0,001	0,011	0,026	FALSE
0,104	0,319	0,003	0,009	0,131	FALSE
-0,014	0,308	-0,001	0,010	0,044	FALSE
-0,047	0,319	-0,002	0,011	0,053	FALSE
-0,046	0,303	-0,003	0,013	0,081	FALSE
0,062	0,304	0,002	0,011	0,061	FALSE
-0,027	0,308	-0,001	0,008	0,054	FALSE
-0,063	0,310	-0,001	0,009	0,062	FALSE
0,132	0,313	0,004	0,008	0,208	FALSE
0,076	0,284	0,001	0,007	0,075	FALSE
0,063	0,312	0,002	0,007	0,093	FALSE
0,209	0,313	0,007	0,011	0,267	FALSE
0,133	0,310	0,006	0,013	0,184	FALSE
0,135	0,305	0,005	0,011	0,202	FALSE
-0,029	0,312	-0,002	0,011	0,056	FALSE
-0,091	0,303	-0,003	0,010	0,133	FALSE
-0,144	0,311	-0,004	0,007	0,195	FALSE
0,057	0,303	0,002	0,008	0,073	FALSE

-0,030	0,303	-0,001	0,006	0,038	FALSE
-0,012	0,294	0,000	0,008	0,023	FALSE
-0,065	0,310	-0,002	0,007	0,095	FALSE
-0,074	0,310	-0,002	0,007	0,126	FALSE
0,101	0,312	0,003	0,011	0,115	FALSE
-0,008	0,312	0,000	0,013	0,006	FALSE
-0,118	0,304	-0,003	0,007	0,146	FALSE
-0,137	0,311	-0,005	0,012	0,190	FALSE
-0,032	0,288	-0,002	0,012	0,052	FALSE
-0,044	0,319	-0,001	0,006	0,055	FALSE
0,033	0,308	0,001	0,009	0,052	FALSE
0,067	0,313	0,002	0,013	0,065	FALSE
-0,041	0,314	-0,001	0,008	0,052	FALSE
-0,033	0,308	-0,001	0,009	0,044	FALSE
0,042	0,299	0,002	0,009	0,075	FALSE
0,057	0,300	0,002	0,009	0,092	FALSE
0,071	0,308	0,003	0,009	0,114	FALSE
-0,065	0,305	-0,003	0,012	0,100	FALSE
0,019	0,298	0,001	0,008	0,043	FALSE
-0,119	0,315	-0,003	0,008	0,142	FALSE
0,132	0,321	0,004	0,008	0,183	FALSE
0,051	0,298	0,000	0,007	0,019	FALSE
0,014	0,311	0,001	0,007	0,044	FALSE
-0,066	0,321	-0,003	0,012	0,112	FALSE
-0,059	0,309	-0,003	0,012	0,104	FALSE
-0,071	0,310	-0,004	0,012	0,116	FALSE
-0,020	0,322	-0,001	0,012	0,040	FALSE
0,037	0,306	0,002	0,012	0,071	FALSE
-0,042	0,306	-0,002	0,011	0,071	FALSE
0,028	0,300	0,001	0,007	0,029	FALSE
-0,015	0,323	0,000	0,011	0,014	FALSE
-0,070	0,317	-0,001	0,007	0,064	FALSE
-0,111	0,306	-0,003	0,009	0,136	FALSE
0,035	0,313	0,001	0,007	0,043	FALSE
-0,026	0,307	-0,002	0,012	0,071	FALSE
0,054	0,304	0,002	0,008	0,074	FALSE
0,073	0,320	0,002	0,013	0,070	FALSE
-0,192	0,292	-0,008	0,013	0,276	FALSE
0,176	0,292	0,006	0,011	0,229	FALSE
-0,045	0,310	-0,002	0,012	0,064	FALSE
0,012	0,300	0,000	0,007	0,003	FALSE
0,150	0,306	0,004	0,010	0,189	FALSE
-0,071	0,310	-0,003	0,010	0,098	FALSE
-0,050	0,319	-0,002	0,012	0,060	FALSE
-0,077	0,301	-0,002	0,008	0,087	FALSE
0,142	0,289	0,006	0,012	0,216	FALSE
-0,140	0,308	-0,003	0,007	0,156	FALSE
0,030	0,309	0,001	0,011	0,016	FALSE
0,030	0,317	0,001	0,007	0,064	FALSE
-0,019	0,313	0,000	0,009	0,005	FALSE
-0,029	0,319	-0,001	0,012	0,035	FALSE
0,042	0,312	0,001	0,009	0,032	FALSE
-0,073	0,324	-0,001	0,007	0,078	FALSE

0,079	0,303	0,003	0,011	0,102	FALSE
0,072	0,300	0,003	0,011	0,097	FALSE
-0,081	0,313	-0,003	0,012	0,101	FALSE
0,013	0,300	0,001	0,010	0,049	FALSE
-0,081	0,309	-0,002	0,009	0,091	FALSE
0,080	0,294	0,003	0,012	0,084	FALSE
0,078	0,290	0,002	0,008	0,100	FALSE
0,096	0,303	0,003	0,012	0,115	FALSE
0,116	0,305	0,004	0,012	0,153	FALSE
0,121	0,305	0,005	0,012	0,173	FALSE
0,007	0,309	0,000	0,008	0,022	FALSE
0,014	0,300	0,001	0,007	0,024	FALSE
-0,013	0,311	0,000	0,006	0,003	FALSE
-0,042	0,308	-0,001	0,012	0,033	FALSE
-0,062	0,307	-0,003	0,011	0,105	FALSE
0,011	0,311	0,000	0,010	0,011	FALSE
-0,077	0,308	-0,002	0,008	0,078	FALSE
0,014	0,309	0,000	0,008	0,004	FALSE
0,002	0,305	-0,001	0,011	0,020	FALSE
-0,020	0,303	0,000	0,012	0,014	FALSE
-0,048	0,304	-0,001	0,008	0,063	FALSE
-0,034	0,304	-0,001	0,009	0,048	FALSE
-0,022	0,306	-0,001	0,010	0,022	FALSE
-0,053	0,313	-0,001	0,007	0,046	FALSE
0,010	0,303	0,000	0,011	0,001	FALSE
-0,089	0,304	-0,002	0,006	0,103	FALSE
-0,117	0,311	-0,005	0,013	0,149	FALSE
-0,170	0,280	-0,008	0,012	0,270	FALSE
0,027	0,309	0,001	0,013	0,040	FALSE
0,059	0,315	0,002	0,013	0,070	FALSE
-0,102	0,303	-0,004	0,010	0,179	FALSE
0,079	0,300	0,003	0,011	0,115	FALSE
0,053	0,308	0,001	0,013	0,040	FALSE
0,050	0,304	0,001	0,006	0,070	FALSE
0,074	0,307	0,002	0,006	0,102	FALSE
0,032	0,301	0,001	0,011	0,020	FALSE
-0,131	0,311	-0,004	0,009	0,171	FALSE
-0,037	0,308	-0,001	0,009	0,025	FALSE
0,081	0,308	0,002	0,007	0,099	FALSE
-0,131	0,295	-0,005	0,012	0,171	FALSE
0,086	0,313	0,003	0,010	0,127	FALSE
0,047	0,308	0,003	0,012	0,112	FALSE
-0,137	0,311	-0,003	0,008	0,136	FALSE
0,095	0,304	0,003	0,009	0,149	FALSE
-0,152	0,307	-0,005	0,010	0,189	FALSE
-0,065	0,314	-0,002	0,007	0,093	FALSE
0,028	0,306	0,001	0,010	0,037	FALSE
-0,067	0,301	-0,002	0,009	0,087	FALSE
-0,083	0,304	-0,003	0,010	0,118	FALSE
0,139	0,315	0,002	0,006	0,149	FALSE
-0,049	0,295	-0,003	0,012	0,089	FALSE
0,057	0,311	0,001	0,010	0,032	FALSE
0,081	0,295	0,004	0,012	0,151	FALSE

0,064	0,311	0,001	0,006	0,080	FALSE
-0,048	0,304	-0,002	0,007	0,085	FALSE
0,019	0,309	0,001	0,012	0,044	FALSE
0,034	0,316	0,001	0,012	0,037	FALSE
0,004	0,308	0,000	0,012	0,014	FALSE
0,099	0,306	0,003	0,007	0,150	FALSE
-0,092	0,281	-0,003	0,011	0,107	FALSE
0,015	0,300	0,001	0,009	0,020	FALSE
-0,103	0,313	-0,003	0,008	0,145	FALSE
-0,033	0,313	-0,001	0,012	0,019	FALSE
-0,054	0,292	-0,001	0,008	0,063	FALSE
0,111	0,305	0,003	0,011	0,127	FALSE
0,061	0,311	0,003	0,013	0,076	FALSE
-0,110	0,301	-0,004	0,011	0,145	FALSE
0,077	0,303	0,003	0,013	0,097	FALSE
0,043	0,306	0,001	0,006	0,091	FALSE
0,013	0,295	0,002	0,013	0,055	FALSE
0,044	0,309	0,002	0,012	0,062	FALSE
0,052	0,313	0,003	0,013	0,078	FALSE
0,063	0,304	0,003	0,012	0,096	FALSE
0,057	0,294	0,002	0,011	0,079	FALSE
0,002	0,308	0,000	0,007	0,012	FALSE
-0,117	0,306	-0,003	0,007	0,160	FALSE
0,083	0,304	0,002	0,007	0,109	FALSE
-0,131	0,301	-0,003	0,008	0,146	FALSE
0,130	0,297	0,003	0,008	0,153	FALSE
-0,040	0,304	0,000	0,006	0,025	FALSE
-0,170	0,291	-0,005	0,009	0,220	FALSE
-0,076	0,304	-0,004	0,012	0,118	FALSE
0,017	0,317	0,000	0,007	0,014	FALSE
0,106	0,312	0,003	0,009	0,125	FALSE
0,000	0,298	0,000	0,007	0,014	FALSE
-0,106	0,305	-0,004	0,012	0,134	FALSE
-0,044	0,315	-0,001	0,007	0,058	FALSE
0,008	0,317	0,000	0,009	0,014	FALSE
-0,046	0,311	-0,001	0,008	0,059	FALSE
-0,078	0,308	-0,002	0,009	0,092	FALSE
-0,016	0,310	0,000	0,010	0,014	FALSE
0,081	0,314	0,002	0,013	0,057	FALSE
0,092	0,306	0,003	0,008	0,164	FALSE
0,023	0,303	0,001	0,012	0,042	FALSE
-0,032	0,311	-0,001	0,012	0,023	FALSE
0,096	0,294	0,004	0,009	0,172	FALSE
-0,081	0,312	-0,005	0,013	0,137	FALSE
-0,028	0,309	0,000	0,008	0,021	FALSE
-0,030	0,293	-0,002	0,011	0,078	FALSE
0,044	0,311	0,001	0,012	0,019	FALSE
0,012	0,308	0,001	0,012	0,023	FALSE
0,001	0,310	0,000	0,010	0,003	FALSE
-0,111	0,310	-0,003	0,009	0,152	FALSE
0,055	0,307	0,003	0,012	0,094	FALSE
0,071	0,304	0,003	0,012	0,104	FALSE
-0,088	0,318	-0,002	0,007	0,105	FALSE

0,116	0,313	0,004	0,011	0,159	FALSE
-0,003	0,310	0,000	0,011	0,010	FALSE
-0,006	0,313	0,000	0,009	0,016	FALSE
-0,108	0,303	-0,003	0,010	0,123	FALSE
-0,030	0,317	-0,001	0,009	0,030	FALSE
-0,044	0,312	-0,002	0,012	0,063	FALSE
-0,011	0,309	0,000	0,012	0,005	FALSE
-0,013	0,287	-0,001	0,011	0,020	FALSE
0,035	0,303	0,001	0,010	0,040	FALSE
-0,003	0,318	0,000	0,012	0,008	FALSE
0,013	0,299	0,000	0,006	0,013	FALSE
0,170	0,301	0,006	0,009	0,281	FALSE
0,044	0,312	0,002	0,011	0,061	FALSE
0,076	0,310	0,003	0,011	0,095	FALSE
-0,102	0,301	-0,004	0,010	0,152	FALSE
0,144	0,293	0,003	0,006	0,219	FALSE
-0,033	0,314	-0,001	0,010	0,046	FALSE
0,074	0,307	0,001	0,007	0,053	FALSE
0,070	0,303	0,003	0,008	0,131	FALSE
-0,119	0,292	-0,003	0,009	0,135	FALSE
-0,097	0,300	-0,002	0,006	0,156	FALSE
-0,002	0,298	0,000	0,006	0,021	FALSE
0,048	0,321	0,001	0,007	0,074	FALSE
0,126	0,302	0,003	0,008	0,176	FALSE
0,009	0,301	0,000	0,008	0,009	FALSE
0,136	0,299	0,003	0,008	0,164	FALSE
0,113	0,296	0,003	0,007	0,188	FALSE
0,029	0,303	0,002	0,011	0,048	FALSE
0,054	0,311	0,002	0,013	0,065	FALSE
-0,003	0,303	0,000	0,009	0,008	FALSE
-0,022	0,310	-0,001	0,011	0,020	FALSE
-0,070	0,303	-0,002	0,008	0,102	FALSE
-0,065	0,300	-0,002	0,009	0,077	FALSE
-0,025	0,306	-0,001	0,008	0,025	FALSE
0,080	0,310	0,002	0,010	0,086	FALSE
-0,036	0,309	-0,002	0,011	0,071	FALSE
0,143	0,315	0,005	0,010	0,211	FALSE
-0,097	0,295	-0,002	0,008	0,125	FALSE
0,078	0,304	0,003	0,012	0,089	FALSE
0,083	0,312	0,003	0,012	0,099	FALSE
-0,101	0,301	-0,005	0,012	0,173	FALSE
0,165	0,291	0,004	0,008	0,233	FALSE
0,011	0,305	0,000	0,011	0,009	FALSE
-0,001	0,321	-0,001	0,013	0,021	FALSE
0,039	0,299	0,002	0,013	0,066	FALSE
-0,033	0,321	-0,002	0,013	0,065	FALSE
0,069	0,310	0,002	0,009	0,081	FALSE
0,019	0,304	0,001	0,009	0,029	FALSE
0,022	0,307	0,000	0,008	0,008	FALSE
0,000	0,317	0,001	0,009	0,023	FALSE
0,037	0,323	0,001	0,012	0,038	FALSE
0,109	0,304	0,004	0,010	0,154	FALSE
-0,078	0,309	-0,002	0,010	0,084	FALSE

-0,033	0,295	-0,001	0,008	0,048	FALSE
0,009	0,306	0,000	0,008	0,000	FALSE
-0,015	0,307	0,001	0,012	0,025	FALSE
0,004	0,296	0,001	0,011	0,043	FALSE
-0,005	0,312	0,000	0,011	0,014	FALSE
-0,016	0,306	0,000	0,011	0,012	FALSE
-0,004	0,308	0,000	0,012	0,006	FALSE
0,072	0,314	0,002	0,011	0,089	FALSE
-0,060	0,299	-0,001	0,007	0,055	FALSE
0,165	0,297	0,003	0,006	0,249	FALSE
0,002	0,312	0,000	0,007	0,005	FALSE
-0,017	0,298	0,000	0,006	0,012	FALSE
-0,022	0,303	0,000	0,006	0,011	FALSE
-0,074	0,309	-0,002	0,008	0,089	FALSE
-0,139	0,302	-0,006	0,012	0,205	FALSE
-0,049	0,309	-0,002	0,008	0,077	FALSE
-0,007	0,314	0,000	0,012	0,006	FALSE
-0,079	0,312	-0,002	0,006	0,094	FALSE
0,072	0,308	0,001	0,007	0,072	FALSE
-0,025	0,301	-0,001	0,012	0,030	FALSE
-0,001	0,309	0,000	0,011	0,003	FALSE
0,140	0,287	0,005	0,009	0,225	FALSE
0,001	0,309	0,000	0,013	0,007	FALSE
0,071	0,309	0,002	0,010	0,071	FALSE
0,110	0,305	0,005	0,012	0,169	FALSE
-0,035	0,312	-0,001	0,012	0,039	FALSE
-0,002	0,293	0,000	0,008	0,017	FALSE
0,062	0,312	0,002	0,009	0,081	FALSE
0,071	0,306	0,003	0,012	0,094	FALSE
-0,015	0,296	0,000	0,009	0,001	FALSE
-0,125	0,305	-0,005	0,012	0,167	FALSE
-0,087	0,296	-0,002	0,008	0,115	FALSE
-0,118	0,297	-0,003	0,007	0,161	FALSE
-0,003	0,319	-0,001	0,012	0,017	FALSE
0,001	0,302	-0,001	0,009	0,033	FALSE
-0,042	0,305	-0,001	0,011	0,042	FALSE
-0,064	0,304	-0,002	0,012	0,076	FALSE
-0,074	0,300	-0,003	0,013	0,104	FALSE
-0,057	0,308	-0,003	0,013	0,075	FALSE
0,138	0,298	0,003	0,007	0,178	FALSE
0,088	0,308	0,003	0,012	0,087	FALSE
0,078	0,300	0,003	0,012	0,090	FALSE
-0,208	0,316	-0,009	0,013	0,327	FALSE
-0,049	0,309	-0,002	0,009	0,083	FALSE
-0,058	0,304	-0,001	0,006	0,068	FALSE
0,013	0,311	0,001	0,013	0,041	FALSE
0,032	0,297	0,001	0,012	0,027	FALSE
-0,055	0,304	-0,002	0,010	0,086	FALSE
-0,073	0,324	-0,002	0,006	0,110	FALSE
-0,003	0,315	-0,001	0,007	0,024	FALSE
-0,089	0,305	-0,004	0,013	0,126	FALSE
-0,099	0,311	-0,004	0,010	0,137	FALSE
-0,024	0,306	-0,001	0,006	0,031	FALSE

-0,043	0,306	-0,001	0,007	0,052	FALSE
-0,138	0,293	-0,004	0,009	0,162	FALSE
-0,021	0,304	-0,001	0,009	0,046	FALSE
-0,098	0,320	-0,003	0,013	0,103	FALSE
-0,176	0,312	-0,006	0,011	0,222	FALSE
-0,037	0,313	-0,001	0,011	0,042	FALSE
-0,014	0,319	0,000	0,008	0,009	FALSE
-0,082	0,291	-0,002	0,008	0,084	FALSE
-0,101	0,307	-0,003	0,008	0,128	FALSE
0,031	0,309	0,000	0,008	0,014	FALSE
-0,086	0,298	-0,004	0,012	0,114	FALSE
-0,085	0,297	-0,003	0,009	0,119	FALSE
-0,102	0,298	-0,003	0,009	0,142	FALSE
-0,110	0,290	-0,004	0,009	0,157	FALSE
0,004	0,314	0,000	0,010	0,012	FALSE
0,184	0,292	0,004	0,007	0,288	FALSE
-0,058	0,321	-0,002	0,009	0,078	FALSE
0,064	0,301	0,003	0,011	0,095	FALSE
-0,008	0,300	0,000	0,012	0,006	FALSE
0,012	0,306	0,001	0,010	0,031	FALSE
-0,012	0,309	-0,001	0,007	0,037	FALSE
0,083	0,294	0,004	0,012	0,114	FALSE
-0,001	0,296	0,000	0,007	0,004	FALSE
-0,003	0,305	0,000	0,008	0,016	FALSE
-0,030	0,310	0,000	0,008	0,013	FALSE
-0,071	0,314	-0,003	0,013	0,083	FALSE
0,076	0,313	0,003	0,012	0,094	FALSE
0,073	0,303	0,002	0,006	0,110	FALSE
0,056	0,312	0,001	0,008	0,067	FALSE
0,151	0,306	0,005	0,009	0,230	FALSE
-0,088	0,297	-0,004	0,013	0,115	FALSE
-0,090	0,299	-0,005	0,013	0,144	FALSE
0,043	0,306	0,002	0,012	0,063	FALSE
-0,050	0,305	-0,003	0,012	0,091	FALSE
-0,048	0,322	-0,001	0,007	0,058	FALSE
0,094	0,304	0,002	0,006	0,134	FALSE
0,036	0,296	0,001	0,012	0,032	FALSE
-0,063	0,303	-0,004	0,013	0,117	FALSE
0,063	0,313	0,002	0,012	0,076	FALSE
-0,050	0,322	-0,002	0,011	0,060	FALSE
0,018	0,309	0,001	0,007	0,040	FALSE
-0,045	0,310	-0,002	0,013	0,057	FALSE
-0,017	0,301	0,001	0,013	0,015	FALSE
0,007	0,303	0,002	0,012	0,046	FALSE
0,053	0,300	0,002	0,011	0,072	FALSE
-0,049	0,292	-0,002	0,009	0,068	FALSE
-0,109	0,314	-0,003	0,012	0,116	FALSE
-0,071	0,316	-0,002	0,011	0,068	FALSE
-0,091	0,298	-0,003	0,012	0,104	FALSE
-0,069	0,323	-0,003	0,011	0,093	FALSE
-0,053	0,305	-0,001	0,006	0,040	FALSE
-0,046	0,312	-0,001	0,006	0,033	FALSE
0,077	0,306	0,004	0,012	0,116	FALSE

0,038	0,303	0,002	0,012	0,075	FALSE
0,025	0,314	0,001	0,008	0,062	FALSE
0,006	0,293	0,001	0,006	0,031	FALSE
0,034	0,315	0,001	0,007	0,073	FALSE
-0,021	0,318	-0,001	0,009	0,019	FALSE
-0,014	0,309	-0,001	0,012	0,035	FALSE
0,014	0,313	0,000	0,008	0,019	FALSE
0,033	0,302	0,000	0,009	0,014	FALSE
-0,052	0,310	-0,002	0,011	0,081	FALSE
0,106	0,293	0,005	0,011	0,171	FALSE
-0,130	0,293	-0,005	0,012	0,188	FALSE
0,233	0,296	0,009	0,012	0,369	FALSE
0,296	0,286	0,012	0,011	0,546	FALSE
-0,153	0,310	-0,004	0,009	0,212	FALSE
0,074	0,305	0,002	0,008	0,111	FALSE
0,053	0,306	0,002	0,012	0,054	FALSE
-0,013	0,298	-0,001	0,008	0,037	FALSE
0,018	0,310	0,000	0,009	0,016	FALSE
0,050	0,310	0,003	0,011	0,082	FALSE
-0,134	0,298	-0,006	0,012	0,215	FALSE
-0,041	0,306	-0,001	0,012	0,040	FALSE
-0,014	0,297	0,000	0,011	0,010	FALSE
0,004	0,297	0,000	0,008	0,017	FALSE
-0,010	0,304	0,000	0,011	0,006	FALSE
0,053	0,314	0,001	0,007	0,035	FALSE
-0,023	0,299	-0,001	0,008	0,041	FALSE
-0,009	0,311	0,000	0,007	0,015	FALSE
0,018	0,310	0,000	0,006	0,001	FALSE
0,032	0,320	0,001	0,007	0,035	FALSE
-0,120	0,300	-0,005	0,011	0,185	FALSE
-0,158	0,293	-0,006	0,012	0,193	FALSE
-0,126	0,304	-0,003	0,009	0,147	FALSE
-0,111	0,306	-0,003	0,009	0,121	FALSE
0,097	0,311	0,003	0,010	0,114	FALSE
-0,117	0,310	-0,003	0,009	0,115	FALSE
-0,020	0,319	0,000	0,010	0,001	FALSE
-0,020	0,307	-0,001	0,013	0,014	FALSE
-0,032	0,312	0,000	0,007	0,013	FALSE
0,164	0,286	0,007	0,012	0,262	FALSE
0,002	0,315	0,000	0,013	0,004	FALSE
0,024	0,308	0,000	0,008	0,019	FALSE
-0,101	0,300	-0,003	0,010	0,115	FALSE
0,028	0,310	0,001	0,010	0,038	FALSE
-0,030	0,315	-0,001	0,012	0,023	FALSE
0,114	0,305	0,005	0,013	0,152	FALSE
0,072	0,313	0,002	0,008	0,084	FALSE
0,002	0,312	0,001	0,007	0,054	FALSE
0,080	0,320	0,003	0,012	0,093	FALSE
0,108	0,307	0,004	0,011	0,137	FALSE
0,106	0,307	0,003	0,010	0,131	FALSE
0,166	0,315	0,005	0,009	0,261	FALSE
-0,105	0,309	-0,004	0,011	0,142	FALSE
0,157	0,302	0,007	0,013	0,245	FALSE

-0,039	0,305	-0,003	0,013	0,091	FALSE
0,036	0,301	0,002	0,012	0,065	FALSE
0,081	0,320	0,002	0,009	0,094	FALSE
0,074	0,308	0,002	0,009	0,092	FALSE
0,073	0,313	0,002	0,009	0,094	FALSE
-0,057	0,302	-0,002	0,008	0,077	FALSE
0,006	0,303	0,000	0,010	0,005	FALSE
0,021	0,301	0,000	0,007	0,003	FALSE
0,036	0,315	0,002	0,011	0,068	FALSE
-0,016	0,323	-0,001	0,009	0,038	FALSE
-0,139	0,313	-0,006	0,013	0,182	FALSE
-0,084	0,309	-0,002	0,010	0,087	FALSE
0,124	0,310	0,002	0,007	0,144	FALSE
-0,014	0,298	-0,001	0,008	0,035	FALSE
-0,025	0,298	-0,001	0,007	0,026	FALSE
-0,068	0,315	-0,002	0,011	0,079	FALSE
-0,061	0,312	-0,001	0,009	0,057	FALSE
0,049	0,309	0,001	0,007	0,077	FALSE
0,120	0,304	0,005	0,012	0,160	FALSE
-0,022	0,323	-0,001	0,008	0,034	FALSE
-0,039	0,315	-0,001	0,013	0,026	FALSE
0,048	0,300	0,001	0,011	0,040	FALSE
-0,109	0,316	-0,003	0,009	0,119	FALSE
0,075	0,304	0,001	0,006	0,057	FALSE
-0,049	0,313	-0,001	0,006	0,041	FALSE
0,079	0,301	0,002	0,007	0,137	FALSE
0,016	0,309	0,001	0,008	0,033	FALSE
-0,065	0,317	-0,002	0,008	0,083	FALSE
0,039	0,304	0,001	0,006	0,055	FALSE
0,138	0,292	0,006	0,012	0,212	FALSE
0,013	0,319	0,000	0,007	0,000	FALSE
-0,026	0,317	0,000	0,008	0,004	FALSE
0,099	0,296	0,002	0,006	0,143	FALSE
-0,010	0,306	0,000	0,008	0,006	FALSE
0,009	0,319	0,000	0,007	0,009	FALSE
-0,012	0,291	-0,001	0,013	0,020	FALSE
0,014	0,285	0,001	0,012	0,020	FALSE
-0,013	0,307	-0,001	0,013	0,021	FALSE
0,046	0,300	0,002	0,012	0,072	FALSE
-0,088	0,309	-0,003	0,013	0,088	FALSE
0,067	0,321	0,003	0,013	0,100	FALSE
-0,033	0,319	-0,001	0,009	0,021	FALSE
-0,003	0,301	0,000	0,007	0,021	FALSE
-0,060	0,308	-0,001	0,007	0,070	FALSE
0,049	0,319	0,001	0,013	0,030	FALSE
0,061	0,303	0,002	0,010	0,066	FALSE
0,073	0,309	0,004	0,012	0,120	FALSE
-0,013	0,303	0,000	0,010	0,007	FALSE
0,028	0,297	0,002	0,012	0,048	FALSE
0,026	0,290	0,001	0,012	0,028	FALSE
-0,027	0,309	-0,001	0,007	0,029	FALSE
-0,075	0,307	-0,004	0,013	0,129	FALSE
-0,076	0,311	-0,002	0,009	0,100	FALSE

0,017	0,307	0,000	0,008	0,007	FALSE
0,028	0,310	0,001	0,006	0,033	FALSE
-0,075	0,308	-0,002	0,008	0,090	FALSE
0,113	0,310	0,003	0,011	0,113	FALSE
-0,012	0,303	-0,001	0,006	0,036	FALSE
-0,101	0,315	-0,002	0,008	0,106	FALSE
-0,056	0,312	-0,001	0,008	0,053	FALSE
0,033	0,317	0,002	0,011	0,058	FALSE
0,069	0,310	0,002	0,008	0,087	FALSE
-0,009	0,306	0,000	0,011	0,009	FALSE
0,076	0,297	0,001	0,006	0,087	FALSE
-0,027	0,294	-0,001	0,006	0,030	FALSE
-0,015	0,305	0,000	0,006	0,012	FALSE
0,010	0,301	0,000	0,009	0,016	FALSE
0,041	0,314	0,001	0,009	0,021	FALSE
-0,139	0,308	-0,004	0,008	0,194	FALSE
-0,147	0,313	-0,004	0,008	0,202	FALSE
0,004	0,314	0,000	0,011	0,005	FALSE
0,007	0,298	0,000	0,009	0,008	FALSE
-0,063	0,307	-0,002	0,007	0,098	FALSE
0,043	0,307	0,002	0,009	0,082	FALSE
-0,083	0,306	-0,002	0,007	0,120	FALSE
-0,042	0,308	-0,002	0,009	0,069	FALSE
-0,044	0,301	-0,001	0,009	0,038	FALSE
-0,121	0,292	-0,003	0,008	0,153	FALSE
0,062	0,315	0,001	0,012	0,039	FALSE
-0,027	0,301	-0,001	0,011	0,035	FALSE
-0,095	0,310	-0,002	0,007	0,083	FALSE
-0,016	0,301	-0,001	0,010	0,022	FALSE
0,012	0,307	0,000	0,011	0,011	FALSE
0,050	0,309	0,002	0,009	0,077	FALSE
0,048	0,299	0,001	0,009	0,056	FALSE
-0,045	0,294	-0,001	0,006	0,030	FALSE
0,014	0,318	0,000	0,007	0,020	FALSE
0,029	0,301	0,001	0,009	0,028	FALSE
-0,062	0,319	-0,003	0,013	0,088	FALSE
-0,031	0,302	-0,001	0,006	0,029	FALSE
-0,034	0,324	-0,001	0,008	0,051	FALSE
-0,148	0,296	-0,005	0,012	0,180	FALSE
-0,036	0,292	-0,001	0,007	0,057	FALSE
-0,039	0,303	-0,001	0,007	0,058	FALSE
0,045	0,311	0,001	0,008	0,037	FALSE
-0,068	0,312	-0,002	0,012	0,054	FALSE
-0,072	0,301	-0,001	0,007	0,082	FALSE
-0,101	0,320	-0,003	0,008	0,135	FALSE
0,028	0,309	0,002	0,011	0,059	FALSE
-0,001	0,297	0,001	0,011	0,018	FALSE
0,047	0,309	0,001	0,007	0,059	FALSE
-0,079	0,321	-0,002	0,007	0,108	FALSE
-0,087	0,301	-0,002	0,007	0,120	FALSE
0,074	0,297	0,004	0,013	0,120	FALSE
-0,080	0,291	-0,005	0,013	0,138	FALSE
-0,018	0,307	-0,001	0,011	0,021	FALSE

0,095	0,311	0,004	0,010	0,145	FALSE
0,048	0,299	0,002	0,008	0,074	FALSE
0,050	0,308	0,001	0,012	0,042	FALSE
-0,019	0,305	0,000	0,013	0,004	FALSE
0,044	0,299	0,001	0,008	0,066	FALSE
0,107	0,314	0,005	0,013	0,152	FALSE
-0,051	0,298	-0,002	0,011	0,082	FALSE
-0,064	0,305	-0,001	0,007	0,041	FALSE
-0,030	0,307	0,000	0,007	0,002	FALSE
-0,026	0,312	-0,001	0,009	0,024	FALSE
-0,202	0,318	-0,004	0,007	0,267	FALSE
0,067	0,307	0,002	0,013	0,069	FALSE
0,088	0,303	0,003	0,012	0,090	FALSE
0,026	0,293	0,001	0,007	0,065	FALSE
0,047	0,318	0,002	0,013	0,069	FALSE
0,050	0,294	0,001	0,007	0,026	FALSE
-0,160	0,294	-0,004	0,008	0,216	FALSE
-0,053	0,315	-0,001	0,008	0,041	FALSE
0,017	0,303	0,000	0,008	0,014	FALSE
0,007	0,324	0,000	0,014	0,002	FALSE
-0,028	0,308	-0,002	0,011	0,056	FALSE
0,043	0,309	0,001	0,007	0,068	FALSE
0,039	0,309	0,001	0,007	0,070	FALSE
-0,014	0,300	0,000	0,008	0,001	FALSE
-0,055	0,319	-0,002	0,011	0,067	FALSE
0,043	0,310	0,001	0,009	0,023	FALSE
-0,037	0,293	0,000	0,009	0,015	FALSE
-0,056	0,320	-0,001	0,007	0,038	FALSE
-0,079	0,295	-0,002	0,008	0,068	FALSE
0,032	0,315	0,001	0,009	0,021	FALSE
-0,143	0,307	-0,003	0,006	0,184	FALSE
0,061	0,324	0,002	0,008	0,080	FALSE
0,066	0,299	0,003	0,010	0,103	FALSE
0,093	0,310	0,002	0,008	0,123	FALSE
0,001	0,296	0,000	0,010	0,013	FALSE
0,023	0,300	0,001	0,009	0,030	FALSE
-0,070	0,303	-0,002	0,007	0,082	FALSE
-0,053	0,291	-0,001	0,006	0,060	FALSE
0,103	0,298	0,004	0,012	0,131	FALSE
0,111	0,310	0,004	0,011	0,150	FALSE
0,056	0,316	0,002	0,011	0,058	FALSE
-0,032	0,324	-0,001	0,010	0,033	FALSE
-0,079	0,301	-0,002	0,009	0,078	FALSE
0,007	0,310	0,001	0,008	0,028	FALSE
-0,047	0,300	-0,002	0,010	0,062	FALSE
-0,027	0,307	-0,001	0,010	0,044	FALSE
-0,021	0,293	0,000	0,006	0,024	FALSE
0,010	0,313	0,000	0,006	0,016	FALSE
0,127	0,314	0,003	0,007	0,166	FALSE
0,126	0,312	0,005	0,013	0,168	FALSE
0,000	0,309	0,000	0,012	0,007	FALSE
-0,011	0,315	0,000	0,009	0,014	FALSE
-0,037	0,315	-0,001	0,007	0,046	FALSE

-0,031	0,299	-0,001	0,008	0,029	FALSE
0,001	0,310	0,000	0,013	0,006	FALSE
0,137	0,304	0,004	0,009	0,210	FALSE
-0,099	0,309	-0,005	0,013	0,141	FALSE
0,065	0,305	0,001	0,007	0,076	FALSE
-0,160	0,290	-0,004	0,008	0,211	FALSE
0,081	0,316	0,002	0,007	0,082	FALSE
-0,056	0,309	-0,002	0,012	0,052	FALSE
-0,103	0,328	-0,002	0,008	0,095	FALSE
-0,041	0,287	-0,001	0,006	0,051	FALSE
-0,218	0,305	-0,006	0,009	0,298	FALSE
-0,026	0,311	-0,001	0,006	0,032	FALSE
-0,090	0,299	-0,002	0,007	0,094	FALSE
0,077	0,303	0,003	0,012	0,094	FALSE
0,086	0,314	0,003	0,013	0,088	FALSE
-0,125	0,297	-0,004	0,009	0,192	FALSE
-0,025	0,319	-0,001	0,013	0,025	FALSE
0,070	0,316	0,003	0,012	0,092	FALSE
-0,005	0,319	0,000	0,011	0,011	FALSE
0,125	0,308	0,004	0,011	0,161	FALSE
-0,043	0,325	-0,002	0,009	0,065	FALSE
-0,091	0,311	-0,003	0,009	0,148	FALSE
-0,051	0,313	-0,001	0,007	0,027	FALSE
0,015	0,310	0,000	0,009	0,011	FALSE
0,016	0,307	0,001	0,011	0,044	FALSE
-0,099	0,303	-0,002	0,007	0,082	FALSE
0,005	0,293	0,000	0,007	0,006	FALSE
0,064	0,309	0,002	0,010	0,062	FALSE
-0,086	0,292	-0,002	0,006	0,102	FALSE
0,026	0,310	0,002	0,011	0,055	FALSE
0,001	0,305	0,000	0,009	0,009	FALSE
-0,112	0,312	-0,003	0,008	0,145	FALSE
0,097	0,299	0,003	0,011	0,105	FALSE
-0,055	0,315	-0,002	0,009	0,068	FALSE
-0,110	0,310	-0,006	0,013	0,196	FALSE
0,111	0,312	0,004	0,013	0,141	FALSE
-0,025	0,322	-0,001	0,008	0,027	FALSE
-0,085	0,306	-0,003	0,008	0,146	FALSE
0,054	0,308	0,002	0,013	0,046	FALSE
-0,065	0,298	-0,002	0,008	0,093	FALSE
0,077	0,313	0,003	0,011	0,100	FALSE
-0,054	0,313	-0,001	0,007	0,048	FALSE
0,021	0,315	0,000	0,011	0,003	FALSE
-0,023	0,312	-0,001	0,011	0,024	FALSE
0,011	0,300	0,001	0,007	0,038	FALSE
-0,073	0,310	-0,002	0,008	0,091	FALSE
-0,107	0,308	-0,004	0,013	0,136	FALSE
-0,055	0,315	-0,002	0,013	0,057	FALSE
-0,056	0,319	-0,003	0,013	0,073	FALSE
-0,099	0,315	-0,003	0,008	0,134	FALSE
0,019	0,331	0,001	0,011	0,030	FALSE
-0,159	0,314	-0,004	0,008	0,217	FALSE
-0,052	0,307	-0,002	0,011	0,078	FALSE

-0,043	0,306	-0,003	0,013	0,076	FALSE
-0,017	0,301	0,000	0,009	0,012	FALSE
0,021	0,299	0,001	0,009	0,024	FALSE
-0,188	0,309	-0,005	0,009	0,275	FALSE
0,023	0,314	0,000	0,009	0,003	FALSE
-0,123	0,309	-0,005	0,011	0,178	FALSE
-0,092	0,317	-0,003	0,011	0,098	FALSE
0,040	0,319	0,001	0,009	0,050	FALSE
0,124	0,287	0,003	0,007	0,159	FALSE
-0,041	0,312	-0,001	0,008	0,037	FALSE
0,044	0,318	0,001	0,007	0,053	FALSE
-0,002	0,303	0,000	0,008	0,005	FALSE
0,053	0,304	0,001	0,007	0,044	FALSE
-0,118	0,306	-0,003	0,006	0,159	FALSE
0,173	0,300	0,005	0,008	0,264	FALSE
-0,031	0,296	0,000	0,008	0,000	FALSE
-0,096	0,306	-0,003	0,009	0,140	FALSE
-0,061	0,287	-0,002	0,008	0,094	FALSE
0,048	0,315	0,003	0,013	0,085	FALSE
0,115	0,310	0,005	0,012	0,158	FALSE
-0,046	0,307	-0,002	0,013	0,057	FALSE
-0,042	0,309	-0,001	0,007	0,064	FALSE
-0,007	0,305	-0,001	0,011	0,028	FALSE
-0,062	0,310	-0,002	0,007	0,081	FALSE
-0,001	0,300	0,000	0,012	0,005	FALSE
-0,095	0,310	-0,003	0,009	0,129	FALSE
-0,017	0,303	-0,001	0,006	0,032	FALSE
-0,028	0,304	-0,001	0,008	0,036	FALSE
-0,130	0,320	-0,003	0,007	0,189	FALSE
0,084	0,298	0,002	0,007	0,116	FALSE
0,103	0,306	0,004	0,013	0,137	FALSE
-0,041	0,310	-0,001	0,007	0,037	FALSE
0,199	0,289	0,008	0,011	0,314	FALSE
-0,044	0,303	0,000	0,007	0,020	FALSE
0,088	0,308	0,002	0,008	0,108	FALSE
-0,044	0,311	-0,001	0,007	0,040	FALSE
0,044	0,307	0,002	0,007	0,079	FALSE
-0,058	0,299	-0,002	0,009	0,081	FALSE
-0,159	0,303	-0,007	0,013	0,240	FALSE
-0,003	0,304	-0,001	0,008	0,021	FALSE
-0,109	0,311	-0,003	0,012	0,104	FALSE
-0,010	0,314	0,000	0,007	0,000	FALSE
0,061	0,305	0,001	0,008	0,045	FALSE
-0,071	0,312	-0,003	0,012	0,093	FALSE
0,018	0,296	0,000	0,008	0,013	FALSE
0,048	0,306	0,002	0,010	0,055	FALSE
0,041	0,305	0,001	0,010	0,054	FALSE
0,048	0,306	0,001	0,010	0,049	FALSE
-0,040	0,315	-0,002	0,013	0,061	FALSE
0,046	0,305	0,001	0,006	0,075	FALSE
0,033	0,305	0,001	0,007	0,033	FALSE
-0,027	0,304	0,000	0,010	0,001	FALSE
0,040	0,304	0,002	0,013	0,068	FALSE

-0,038	0,293	-0,001	0,009	0,043	FALSE
0,022	0,308	0,000	0,007	0,011	FALSE
0,001	0,311	0,000	0,008	0,018	FALSE
0,045	0,311	0,002	0,011	0,056	FALSE
-0,040	0,308	-0,001	0,011	0,050	FALSE
0,064	0,309	0,002	0,011	0,078	FALSE
0,025	0,307	0,001	0,009	0,033	FALSE
-0,083	0,304	-0,004	0,013	0,130	FALSE
0,046	0,326	0,002	0,011	0,062	FALSE
0,060	0,315	0,002	0,011	0,071	FALSE
-0,140	0,301	-0,005	0,010	0,213	FALSE
0,039	0,307	0,002	0,010	0,062	FALSE
0,062	0,329	0,002	0,009	0,084	FALSE
-0,065	0,321	-0,003	0,011	0,095	FALSE
-0,061	0,304	-0,002	0,011	0,076	FALSE
0,066	0,298	0,003	0,011	0,100	FALSE
-0,005	0,314	0,000	0,006	0,004	FALSE
0,012	0,303	0,001	0,009	0,048	FALSE
-0,052	0,314	-0,001	0,007	0,054	FALSE
0,100	0,314	0,003	0,012	0,102	FALSE
0,123	0,294	0,004	0,010	0,188	FALSE
-0,056	0,314	-0,001	0,007	0,059	FALSE
0,040	0,328	0,001	0,007	0,051	FALSE
-0,104	0,313	-0,003	0,011	0,121	FALSE
-0,103	0,312	-0,002	0,007	0,116	FALSE
0,083	0,300	0,003	0,012	0,105	FALSE
0,046	0,308	0,001	0,009	0,042	FALSE
0,000	0,311	0,000	0,007	0,013	FALSE
-0,116	0,301	-0,003	0,008	0,173	FALSE
-0,064	0,301	-0,002	0,007	0,082	FALSE
-0,098	0,322	-0,002	0,007	0,118	FALSE
0,038	0,317	0,001	0,011	0,046	FALSE
-0,041	0,306	-0,002	0,011	0,054	FALSE
-0,035	0,300	0,000	0,008	0,016	FALSE
0,055	0,316	0,002	0,009	0,066	FALSE
-0,011	0,309	0,000	0,007	0,009	FALSE
0,030	0,324	0,002	0,013	0,041	FALSE
-0,020	0,317	0,000	0,007	0,025	FALSE
-0,117	0,298	-0,003	0,007	0,145	FALSE
0,006	0,304	0,001	0,011	0,036	FALSE
-0,088	0,294	-0,002	0,007	0,085	FALSE
-0,018	0,294	-0,001	0,011	0,020	FALSE
-0,024	0,298	-0,001	0,007	0,051	FALSE
-0,045	0,313	-0,001	0,007	0,060	FALSE
0,018	0,320	0,001	0,013	0,017	FALSE
-0,031	0,312	-0,001	0,013	0,029	FALSE
0,107	0,306	0,004	0,008	0,201	FALSE
-0,021	0,292	-0,001	0,007	0,046	FALSE
-0,018	0,310	0,000	0,009	0,009	TRUE
0,021	0,310	0,001	0,009	0,033	FALSE
0,063	0,316	0,002	0,010	0,074	FALSE
-0,156	0,317	-0,006	0,011	0,222	FALSE
0,051	0,290	0,001	0,008	0,071	FALSE

-0,115	0,318	-0,002	0,007	0,138	FALSE
-0,033	0,305	-0,001	0,008	0,029	FALSE
0,154	0,309	0,004	0,008	0,199	FALSE
0,043	0,310	0,002	0,011	0,057	FALSE
0,169	0,296	0,007	0,011	0,254	FALSE
-0,081	0,296	-0,002	0,006	0,117	FALSE
-0,088	0,305	-0,005	0,013	0,154	FALSE
-0,009	0,304	-0,001	0,012	0,030	FALSE
-0,062	0,318	-0,002	0,009	0,073	FALSE
0,005	0,310	-0,001	0,013	0,016	FALSE
0,073	0,306	0,002	0,010	0,079	FALSE
-0,025	0,309	-0,001	0,009	0,029	FALSE
-0,124	0,303	-0,003	0,008	0,154	FALSE
-0,107	0,297	-0,002	0,008	0,125	FALSE
-0,189	0,299	-0,006	0,010	0,256	FALSE
-0,038	0,310	-0,001	0,006	0,029	FALSE
0,157	0,292	0,004	0,008	0,218	FALSE
0,092	0,300	0,002	0,008	0,114	FALSE
0,064	0,309	0,002	0,011	0,057	FALSE
0,015	0,316	0,000	0,010	0,003	FALSE
-0,089	0,304	-0,002	0,011	0,079	FALSE
0,017	0,315	0,000	0,011	0,016	FALSE
0,187	0,289	0,006	0,009	0,277	FALSE
0,016	0,298	0,001	0,008	0,050	FALSE
0,080	0,311	0,003	0,010	0,114	FALSE
-0,050	0,303	-0,001	0,008	0,047	FALSE
-0,050	0,311	-0,002	0,010	0,054	FALSE
0,128	0,315	0,003	0,007	0,192	FALSE
0,065	0,300	0,002	0,010	0,074	FALSE
-0,008	0,307	0,000	0,008	0,006	FALSE
-0,027	0,309	-0,001	0,010	0,027	FALSE
-0,052	0,288	-0,001	0,008	0,061	FALSE
-0,001	0,300	0,000	0,007	0,008	FALSE
0,044	0,284	0,002	0,008	0,069	FALSE
-0,089	0,302	-0,002	0,008	0,103	FALSE
-0,126	0,311	-0,003	0,008	0,167	FALSE
0,062	0,311	0,001	0,008	0,067	FALSE
-0,041	0,306	-0,001	0,013	0,039	FALSE
0,036	0,314	0,001	0,010	0,042	FALSE
-0,012	0,307	0,000	0,007	0,025	FALSE
-0,057	0,312	-0,002	0,012	0,055	FALSE
-0,093	0,311	-0,002	0,007	0,108	FALSE
-0,010	0,310	0,000	0,010	0,011	FALSE
0,011	0,310	0,001	0,010	0,031	FALSE
0,022	0,305	0,001	0,011	0,020	FALSE
-0,020	0,311	-0,001	0,008	0,029	FALSE
0,075	0,308	0,002	0,007	0,099	FALSE
0,057	0,315	0,002	0,009	0,102	FALSE
0,056	0,299	0,003	0,012	0,097	FALSE
0,060	0,297	0,003	0,011	0,092	FALSE
0,040	0,301	0,002	0,012	0,068	FALSE
-0,013	0,303	-0,001	0,013	0,017	FALSE
-0,070	0,310	-0,002	0,008	0,081	FALSE

-0,057	0,311	-0,001	0,009	0,037	FALSE
-0,114	0,311	-0,004	0,011	0,154	FALSE
-0,064	0,317	-0,003	0,012	0,096	FALSE
-0,082	0,312	-0,002	0,009	0,084	FALSE
0,012	0,291	0,000	0,007	0,003	FALSE
0,018	0,316	0,000	0,012	0,009	FALSE
0,165	0,280	0,003	0,007	0,177	FALSE
0,128	0,297	0,004	0,008	0,195	FALSE
-0,083	0,309	-0,003	0,012	0,109	FALSE
-0,099	0,328	-0,002	0,007	0,111	FALSE
0,081	0,311	0,002	0,009	0,087	FALSE
-0,018	0,299	-0,001	0,006	0,051	FALSE
-0,178	0,311	-0,007	0,013	0,240	FALSE
0,077	0,309	0,002	0,009	0,100	FALSE
0,064	0,316	0,002	0,009	0,083	FALSE
0,056	0,302	0,002	0,009	0,066	FALSE
-0,045	0,311	-0,002	0,013	0,065	FALSE
-0,039	0,312	-0,001	0,007	0,044	FALSE
-0,044	0,325	-0,002	0,012	0,067	FALSE
0,014	0,310	0,001	0,009	0,021	FALSE
0,053	0,302	0,002	0,012	0,060	FALSE
-0,057	0,302	-0,002	0,007	0,100	FALSE
0,072	0,316	0,003	0,011	0,097	FALSE
-0,010	0,296	0,000	0,010	0,005	FALSE
-0,055	0,306	-0,002	0,010	0,076	FALSE
-0,057	0,309	-0,002	0,009	0,081	FALSE
0,015	0,306	0,000	0,008	0,015	FALSE
0,044	0,307	0,001	0,007	0,047	FALSE
0,016	0,324	0,000	0,009	0,008	FALSE
-0,051	0,308	-0,001	0,007	0,051	FALSE
0,002	0,302	0,000	0,007	0,006	FALSE
0,080	0,320	0,002	0,008	0,095	FALSE
0,005	0,317	0,000	0,009	0,016	FALSE
0,076	0,302	0,004	0,011	0,130	FALSE
-0,013	0,322	-0,001	0,012	0,024	FALSE
0,008	0,313	0,000	0,008	0,010	FALSE
-0,036	0,322	-0,002	0,011	0,066	FALSE
-0,021	0,309	-0,001	0,012	0,033	FALSE
0,007	0,296	0,001	0,008	0,026	FALSE
0,072	0,312	0,002	0,008	0,085	FALSE
0,017	0,297	0,000	0,006	0,009	FALSE
-0,059	0,312	-0,002	0,011	0,050	FALSE
0,105	0,310	0,002	0,007	0,117	FALSE
0,027	0,311	0,001	0,009	0,023	FALSE
0,066	0,312	0,002	0,007	0,090	FALSE
-0,008	0,312	0,000	0,008	0,020	FALSE
0,071	0,291	0,003	0,007	0,146	FALSE
-0,082	0,305	-0,002	0,013	0,059	FALSE
0,082	0,307	0,002	0,007	0,121	FALSE
0,007	0,310	0,000	0,012	0,000	FALSE
0,008	0,308	0,000	0,008	0,002	FALSE
0,077	0,321	0,002	0,007	0,111	FALSE
0,152	0,297	0,006	0,012	0,221	FALSE

-0,066	0,297	-0,003	0,011	0,095	FALSE
0,005	0,315	0,000	0,012	0,009	FALSE
0,021	0,315	0,001	0,012	0,030	FALSE
0,066	0,301	0,003	0,013	0,088	FALSE
-0,022	0,298	-0,001	0,012	0,046	FALSE
-0,055	0,307	-0,002	0,010	0,066	FALSE
0,069	0,308	0,003	0,012	0,080	FALSE
0,016	0,320	0,001	0,009	0,035	FALSE
-0,084	0,318	-0,003	0,011	0,117	FALSE
-0,113	0,294	-0,002	0,007	0,136	FALSE
-0,055	0,293	-0,002	0,010	0,074	FALSE
-0,031	0,316	-0,001	0,009	0,060	FALSE
-0,095	0,312	-0,003	0,009	0,141	FALSE
-0,021	0,306	0,000	0,008	0,014	FALSE
-0,016	0,310	0,000	0,007	0,012	FALSE
0,033	0,300	0,001	0,010	0,031	FALSE
-0,005	0,283	0,000	0,010	0,015	FALSE
-0,092	0,297	-0,003	0,011	0,095	FALSE
0,045	0,282	0,002	0,012	0,048	FALSE
0,097	0,302	0,002	0,010	0,085	FALSE
0,057	0,297	0,002	0,011	0,063	FALSE
-0,037	0,314	-0,001	0,008	0,056	FALSE
-0,001	0,305	0,000	0,006	0,004	FALSE
0,089	0,303	0,003	0,008	0,138	FALSE
-0,045	0,308	-0,001	0,009	0,034	FALSE
-0,070	0,313	-0,003	0,009	0,116	FALSE
-0,032	0,309	-0,001	0,007	0,040	FALSE
-0,064	0,296	-0,002	0,009	0,081	FALSE
0,044	0,314	0,002	0,008	0,080	FALSE
0,092	0,313	0,003	0,008	0,131	FALSE
0,056	0,304	0,001	0,009	0,063	FALSE
-0,093	0,293	-0,002	0,006	0,102	FALSE
-0,071	0,299	-0,002	0,010	0,079	FALSE
-0,061	0,318	-0,002	0,009	0,079	FALSE
-0,004	0,318	0,000	0,009	0,013	FALSE
0,025	0,312	0,001	0,009	0,051	FALSE
0,120	0,308	0,003	0,007	0,190	FALSE
-0,051	0,296	-0,001	0,009	0,051	FALSE
-0,019	0,282	0,000	0,009	0,015	FALSE
-0,114	0,296	-0,004	0,011	0,143	FALSE
-0,034	0,313	-0,001	0,011	0,040	FALSE
-0,164	0,301	-0,004	0,007	0,245	FALSE
0,070	0,308	0,003	0,013	0,079	FALSE
-0,030	0,303	0,000	0,011	0,008	FALSE
-0,048	0,308	-0,001	0,012	0,038	FALSE
-0,123	0,316	-0,003	0,009	0,153	FALSE
0,133	0,294	0,003	0,007	0,188	FALSE
0,246	0,276	0,007	0,008	0,474	FALSE
-0,011	0,302	0,000	0,006	0,008	FALSE
0,032	0,294	0,000	0,006	0,017	FALSE
0,092	0,297	0,002	0,011	0,074	FALSE
-0,014	0,301	-0,001	0,013	0,025	FALSE
0,094	0,310	0,004	0,011	0,130	FALSE

0,145	0,305	0,004	0,007	0,218	FALSE
0,195	0,289	0,009	0,012	0,362	FALSE
-0,097	0,314	-0,002	0,007	0,098	FALSE
0,027	0,307	0,000	0,007	0,023	FALSE
-0,124	0,302	-0,004	0,010	0,161	FALSE
-0,064	0,324	-0,001	0,008	0,047	FALSE
-0,011	0,313	-0,002	0,013	0,048	FALSE
-0,039	0,305	-0,001	0,008	0,031	FALSE
-0,008	0,305	0,000	0,007	0,011	FALSE
-0,024	0,304	-0,001	0,011	0,024	FALSE
-0,020	0,301	-0,001	0,011	0,033	FALSE
-0,003	0,318	0,000	0,010	0,013	FALSE
0,143	0,317	0,005	0,010	0,195	FALSE
0,052	0,309	0,003	0,013	0,081	FALSE
0,002	0,306	0,000	0,011	0,009	FALSE
0,019	0,320	0,001	0,012	0,016	FALSE
0,040	0,312	0,001	0,010	0,050	FALSE
-0,058	0,312	-0,002	0,009	0,068	FALSE
-0,093	0,306	-0,001	0,006	0,090	FALSE
0,124	0,300	0,004	0,010	0,163	FALSE
-0,004	0,320	-0,001	0,013	0,018	FALSE
-0,163	0,312	-0,007	0,013	0,218	FALSE
0,036	0,313	0,001	0,007	0,040	FALSE
0,033	0,314	0,001	0,009	0,043	FALSE
-0,125	0,302	-0,004	0,012	0,138	FALSE
-0,029	0,311	-0,002	0,010	0,062	FALSE
-0,078	0,318	-0,002	0,009	0,086	FALSE
-0,037	0,301	0,000	0,006	0,018	FALSE
-0,103	0,307	-0,003	0,010	0,127	FALSE
-0,067	0,319	-0,002	0,008	0,098	FALSE
-0,096	0,300	-0,004	0,012	0,114	FALSE
-0,058	0,314	-0,003	0,011	0,083	FALSE
-0,048	0,310	-0,001	0,008	0,065	FALSE
0,093	0,303	0,002	0,007	0,095	FALSE
-0,102	0,301	-0,003	0,008	0,149	FALSE
-0,107	0,288	-0,003	0,008	0,160	FALSE
0,006	0,323	0,000	0,013	0,006	FALSE
-0,015	0,318	-0,001	0,013	0,027	FALSE
0,010	0,307	0,000	0,013	0,007	FALSE
0,156	0,295	0,003	0,006	0,189	FALSE
0,086	0,296	0,003	0,009	0,123	FALSE
-0,049	0,288	-0,001	0,011	0,041	FALSE
-0,050	0,314	-0,003	0,013	0,081	FALSE
-0,001	0,302	0,000	0,010	0,004	FALSE
-0,118	0,300	-0,007	0,013	0,220	FALSE
-0,150	0,311	-0,008	0,013	0,261	FALSE
0,058	0,315	0,003	0,011	0,106	FALSE
0,025	0,308	0,001	0,009	0,023	FALSE
0,077	0,296	0,001	0,006	0,090	FALSE
0,082	0,301	0,003	0,012	0,101	FALSE
0,131	0,302	0,004	0,010	0,172	FALSE
0,097	0,305	0,003	0,009	0,115	FALSE
-0,100	0,298	-0,005	0,013	0,143	FALSE

-0,005	0,293	0,000	0,008	0,006	FALSE
-0,085	0,319	-0,002	0,007	0,095	FALSE
0,124	0,304	0,003	0,007	0,209	FALSE
-0,062	0,310	-0,002	0,013	0,062	FALSE
0,015	0,285	0,000	0,011	0,004	FALSE
-0,128	0,305	-0,003	0,007	0,169	FALSE
-0,018	0,306	-0,001	0,007	0,044	FALSE
0,074	0,303	0,002	0,007	0,106	FALSE
-0,115	0,306	-0,005	0,012	0,155	FALSE
0,032	0,311	0,001	0,009	0,024	FALSE
0,137	0,295	0,003	0,007	0,187	FALSE
-0,147	0,299	-0,004	0,007	0,200	FALSE
-0,024	0,305	0,000	0,008	0,018	FALSE
0,099	0,301	0,003	0,011	0,118	FALSE
-0,047	0,299	-0,001	0,007	0,027	FALSE
0,010	0,315	0,000	0,011	0,006	FALSE
-0,021	0,306	-0,001	0,008	0,022	FALSE
-0,016	0,286	-0,001	0,011	0,047	FALSE
0,036	0,296	0,000	0,007	0,021	FALSE
0,023	0,301	0,000	0,007	0,011	FALSE
0,047	0,302	0,001	0,011	0,049	FALSE
0,027	0,298	0,000	0,010	0,005	FALSE
0,085	0,305	0,003	0,009	0,124	FALSE
-0,017	0,309	0,000	0,006	0,008	FALSE
0,037	0,303	0,001	0,010	0,056	FALSE
0,017	0,298	0,001	0,009	0,023	FALSE
0,025	0,309	0,001	0,008	0,047	FALSE
-0,014	0,310	-0,001	0,009	0,038	FALSE
-0,039	0,316	-0,002	0,008	0,077	FALSE
-0,087	0,301	-0,003	0,013	0,107	FALSE
0,028	0,319	0,001	0,009	0,037	FALSE
-0,037	0,306	0,000	0,007	0,022	FALSE
0,070	0,298	0,002	0,009	0,092	FALSE
-0,041	0,305	0,000	0,007	0,023	FALSE
-0,070	0,290	-0,001	0,007	0,058	FALSE
-0,066	0,314	-0,001	0,008	0,045	FALSE
0,035	0,307	0,001	0,006	0,075	FALSE
-0,011	0,308	-0,001	0,013	0,029	FALSE
0,024	0,297	0,001	0,010	0,029	FALSE
0,030	0,303	0,001	0,009	0,021	FALSE
-0,032	0,294	-0,001	0,009	0,033	FALSE
-0,045	0,303	-0,002	0,010	0,054	FALSE
-0,068	0,314	-0,001	0,007	0,059	FALSE
0,091	0,300	0,003	0,009	0,124	FALSE
0,001	0,320	0,000	0,008	0,014	FALSE
0,165	0,297	0,004	0,007	0,276	FALSE
-0,037	0,316	-0,002	0,013	0,054	FALSE
-0,025	0,318	-0,001	0,013	0,041	FALSE
-0,001	0,313	0,000	0,009	0,012	FALSE
0,133	0,301	0,005	0,011	0,202	FALSE
0,009	0,297	0,000	0,012	0,011	FALSE
0,017	0,301	0,002	0,010	0,060	FALSE
0,034	0,321	0,002	0,011	0,077	FALSE

0,049	0,305	0,001	0,013	0,038	FALSE
0,110	0,314	0,002	0,008	0,125	FALSE
0,089	0,313	0,003	0,009	0,142	FALSE
0,068	0,299	0,004	0,011	0,143	FALSE
-0,089	0,311	-0,002	0,007	0,128	FALSE
0,050	0,297	0,001	0,007	0,067	FALSE
0,022	0,302	0,001	0,010	0,029	FALSE
0,048	0,316	0,001	0,010	0,028	FALSE
0,026	0,307	0,001	0,011	0,017	FALSE
-0,064	0,302	-0,001	0,006	0,077	FALSE
-0,084	0,308	-0,002	0,007	0,107	FALSE
-0,075	0,291	-0,003	0,008	0,131	FALSE
0,083	0,292	0,003	0,012	0,111	FALSE
-0,155	0,293	-0,007	0,013	0,211	FALSE
0,202	0,295	0,007	0,012	0,281	FALSE
0,177	0,297	0,007	0,013	0,228	FALSE
-0,002	0,304	0,001	0,007	0,029	FALSE
0,108	0,300	0,004	0,012	0,119	FALSE
-0,151	0,305	-0,004	0,007	0,216	FALSE
-0,062	0,305	-0,001	0,007	0,072	FALSE
0,072	0,306	0,002	0,006	0,134	FALSE
-0,100	0,316	-0,004	0,012	0,119	FALSE
0,034	0,295	0,002	0,009	0,076	FALSE
-0,009	0,330	0,000	0,008	0,016	FALSE
-0,014	0,315	-0,001	0,008	0,024	FALSE
0,180	0,309	0,005	0,010	0,236	FALSE
-0,038	0,297	-0,001	0,010	0,030	FALSE
0,063	0,319	0,002	0,010	0,068	FALSE
-0,008	0,301	0,000	0,007	0,010	FALSE
-0,047	0,299	-0,001	0,009	0,047	FALSE
-0,167	0,304	-0,005	0,009	0,233	FALSE
-0,023	0,315	-0,001	0,007	0,032	FALSE
0,044	0,295	0,001	0,008	0,034	FALSE
-0,063	0,297	-0,002	0,007	0,093	FALSE
0,109	0,307	0,003	0,010	0,128	FALSE
0,020	0,315	0,001	0,011	0,031	FALSE
0,080	0,290	0,002	0,009	0,079	FALSE
-0,019	0,311	-0,001	0,008	0,066	FALSE
0,082	0,320	0,003	0,012	0,100	FALSE
-0,066	0,320	-0,002	0,008	0,092	FALSE
-0,112	0,311	-0,003	0,009	0,124	FALSE
0,028	0,299	0,001	0,008	0,060	FALSE
-0,061	0,309	-0,002	0,008	0,075	FALSE
-0,034	0,298	-0,001	0,008	0,054	FALSE
-0,023	0,297	-0,001	0,011	0,046	FALSE
-0,071	0,281	-0,003	0,010	0,114	FALSE
-0,087	0,315	-0,003	0,009	0,133	FALSE
0,093	0,317	0,003	0,007	0,152	FALSE
0,091	0,310	0,005	0,012	0,146	FALSE
-0,014	0,321	-0,001	0,007	0,045	FALSE
0,013	0,312	0,000	0,006	0,022	FALSE
-0,040	0,298	-0,003	0,013	0,091	FALSE
-0,006	0,295	0,000	0,012	0,001	FALSE

-0,108	0,308	-0,004	0,012	0,140	FALSE
-0,040	0,310	-0,003	0,013	0,075	FALSE
0,081	0,301	0,004	0,011	0,137	FALSE
0,098	0,306	0,004	0,011	0,156	FALSE
0,110	0,302	0,005	0,012	0,174	FALSE
-0,085	0,307	-0,002	0,007	0,102	FALSE
0,016	0,298	0,000	0,011	0,013	FALSE
0,224	0,302	0,008	0,012	0,302	FALSE
-0,022	0,304	0,000	0,007	0,023	FALSE
0,015	0,310	0,000	0,012	0,012	FALSE
0,098	0,309	0,004	0,010	0,148	FALSE
-0,136	0,301	-0,003	0,007	0,187	FALSE
0,137	0,303	0,004	0,009	0,215	FALSE
-0,090	0,299	-0,003	0,012	0,098	FALSE
-0,040	0,287	-0,002	0,009	0,071	FALSE
-0,060	0,304	-0,002	0,008	0,112	FALSE
-0,078	0,301	-0,003	0,008	0,136	FALSE
-0,093	0,300	-0,002	0,007	0,116	FALSE
-0,158	0,323	-0,006	0,012	0,230	FALSE
0,066	0,323	0,003	0,013	0,092	FALSE
-0,009	0,304	0,000	0,012	0,001	FALSE
-0,155	0,298	-0,005	0,010	0,223	FALSE
0,020	0,310	0,002	0,012	0,050	FALSE
0,086	0,310	0,002	0,008	0,097	FALSE
0,104	0,312	0,004	0,012	0,117	FALSE
0,118	0,298	0,004	0,012	0,131	FALSE
0,051	0,309	0,001	0,007	0,043	FALSE
-0,058	0,309	-0,002	0,011	0,069	FALSE
-0,082	0,299	-0,003	0,011	0,091	FALSE
-0,074	0,312	-0,003	0,012	0,076	FALSE
0,025	0,315	0,001	0,012	0,015	FALSE
0,060	0,309	0,002	0,011	0,069	FALSE
-0,125	0,305	-0,003	0,007	0,149	FALSE
-0,005	0,307	0,000	0,013	0,004	FALSE
-0,002	0,317	0,000	0,012	0,014	FALSE
-0,024	0,305	-0,002	0,012	0,050	FALSE
-0,047	0,306	-0,001	0,011	0,024	FALSE
-0,027	0,302	-0,002	0,013	0,047	FALSE
0,029	0,304	0,001	0,010	0,034	FALSE
-0,084	0,295	-0,001	0,006	0,080	FALSE
-0,060	0,312	-0,002	0,010	0,066	FALSE
-0,013	0,316	0,000	0,008	0,019	FALSE
0,047	0,311	0,001	0,008	0,068	FALSE
0,058	0,313	0,002	0,011	0,079	FALSE
-0,070	0,304	-0,001	0,007	0,073	FALSE
-0,006	0,320	0,000	0,012	0,005	FALSE
0,082	0,315	0,002	0,008	0,116	FALSE
-0,022	0,287	-0,001	0,009	0,054	FALSE
0,145	0,300	0,005	0,010	0,213	FALSE
0,014	0,310	0,000	0,007	0,014	FALSE
-0,007	0,312	0,000	0,007	0,004	FALSE
0,017	0,303	0,000	0,006	0,024	FALSE
-0,021	0,301	-0,001	0,012	0,026	FALSE

0,073	0,309	0,002	0,013	0,060	FALSE
0,029	0,315	0,001	0,008	0,032	FALSE
-0,038	0,301	-0,002	0,011	0,061	FALSE
0,035	0,303	0,001	0,009	0,057	FALSE
-0,137	0,302	-0,004	0,009	0,209	FALSE
-0,010	0,298	-0,001	0,008	0,048	FALSE
-0,094	0,305	-0,002	0,008	0,118	FALSE
-0,096	0,311	-0,002	0,008	0,114	FALSE
-0,067	0,306	-0,002	0,012	0,075	FALSE
-0,114	0,298	-0,005	0,013	0,171	FALSE
-0,045	0,307	-0,001	0,008	0,030	FALSE
0,114	0,311	0,005	0,011	0,200	FALSE
-0,091	0,296	-0,003	0,011	0,117	FALSE
-0,117	0,314	-0,005	0,013	0,170	FALSE
-0,087	0,294	-0,003	0,009	0,149	FALSE
-0,002	0,308	0,000	0,012	0,004	FALSE
0,037	0,303	0,002	0,013	0,066	FALSE
-0,083	0,310	-0,004	0,012	0,133	FALSE
-0,010	0,307	-0,001	0,012	0,022	FALSE
-0,011	0,304	-0,001	0,012	0,018	FALSE
0,003	0,307	0,000	0,008	0,020	FALSE
-0,025	0,309	-0,001	0,010	0,029	FALSE
0,005	0,305	0,000	0,012	0,008	FALSE
-0,029	0,295	-0,001	0,012	0,016	FALSE
0,157	0,304	0,004	0,007	0,213	FALSE
0,144	0,305	0,003	0,007	0,208	FALSE
-0,110	0,311	-0,004	0,012	0,135	FALSE
0,057	0,311	0,001	0,009	0,031	FALSE
-0,034	0,316	-0,001	0,008	0,048	FALSE
-0,052	0,304	-0,002	0,008	0,073	FALSE
-0,113	0,296	-0,005	0,011	0,179	FALSE
-0,007	0,315	0,000	0,012	0,014	FALSE
0,025	0,294	0,001	0,007	0,049	FALSE
-0,093	0,305	-0,004	0,013	0,131	FALSE
-0,072	0,292	-0,002	0,010	0,083	FALSE
0,010	0,296	0,001	0,012	0,036	FALSE
0,064	0,307	0,001	0,009	0,059	FALSE
0,035	0,291	0,002	0,010	0,054	FALSE
-0,118	0,295	-0,004	0,009	0,178	FALSE
-0,141	0,320	-0,005	0,010	0,190	FALSE
0,086	0,311	0,002	0,008	0,077	FALSE
0,131	0,316	0,003	0,007	0,159	FALSE
0,037	0,309	0,001	0,010	0,055	FALSE
-0,010	0,318	0,000	0,008	0,003	FALSE
0,030	0,310	0,001	0,008	0,044	FALSE
-0,008	0,310	0,000	0,012	0,009	FALSE
-0,101	0,296	-0,002	0,007	0,108	FALSE
0,053	0,305	0,002	0,008	0,084	FALSE
-0,030	0,304	-0,001	0,012	0,022	FALSE
0,007	0,315	0,001	0,012	0,021	FALSE
-0,007	0,311	-0,001	0,008	0,024	FALSE
-0,097	0,316	-0,003	0,009	0,117	FALSE
-0,096	0,299	-0,003	0,010	0,108	FALSE

-0,129	0,283	-0,004	0,009	0,189	FALSE
0,059	0,303	0,001	0,009	0,050	FALSE
0,012	0,310	0,000	0,010	0,004	FALSE
0,046	0,303	0,001	0,011	0,045	FALSE
-0,068	0,314	-0,002	0,008	0,073	FALSE
0,085	0,297	0,003	0,010	0,101	FALSE
0,020	0,313	0,000	0,010	0,005	FALSE
0,023	0,315	0,002	0,012	0,053	FALSE
-0,109	0,310	-0,002	0,006	0,102	FALSE
0,013	0,306	0,001	0,012	0,026	FALSE
0,040	0,325	0,002	0,013	0,061	FALSE
0,065	0,303	0,003	0,012	0,106	FALSE
-0,213	0,296	-0,009	0,013	0,312	FALSE
0,009	0,307	0,000	0,010	0,008	FALSE
0,054	0,309	0,001	0,007	0,056	FALSE
0,031	0,307	0,001	0,008	0,052	FALSE
0,061	0,301	0,002	0,012	0,072	FALSE
-0,196	0,309	-0,005	0,008	0,258	FALSE
-0,048	0,306	-0,001	0,010	0,043	FALSE
0,103	0,299	0,004	0,012	0,143	FALSE
0,023	0,299	0,000	0,012	0,011	FALSE
0,028	0,302	0,001	0,012	0,016	FALSE
-0,012	0,294	-0,001	0,010	0,025	FALSE
-0,012	0,293	-0,001	0,010	0,019	FALSE
-0,038	0,302	0,000	0,009	0,013	FALSE
0,035	0,297	0,001	0,007	0,080	FALSE
0,067	0,300	0,002	0,008	0,123	FALSE
-0,131	0,305	-0,004	0,008	0,214	FALSE
-0,089	0,288	-0,002	0,007	0,137	FALSE
-0,051	0,315	-0,001	0,009	0,053	FALSE
0,062	0,314	0,001	0,006	0,080	FALSE
0,033	0,314	0,001	0,011	0,033	FALSE
0,062	0,310	0,002	0,009	0,095	FALSE
0,053	0,310	0,001	0,007	0,074	FALSE
0,040	0,297	0,001	0,007	0,066	FALSE
-0,024	0,306	-0,001	0,009	0,042	FALSE
-0,165	0,307	-0,005	0,009	0,217	FALSE
0,026	0,315	0,002	0,010	0,059	FALSE
0,029	0,308	0,001	0,009	0,044	FALSE
0,015	0,318	0,001	0,009	0,024	FALSE
0,013	0,311	0,000	0,009	0,018	FALSE
-0,016	0,312	-0,001	0,012	0,022	FALSE
-0,025	0,312	-0,001	0,011	0,021	FALSE
0,019	0,303	0,001	0,008	0,043	FALSE
-0,005	0,326	0,000	0,010	0,007	FALSE
0,000	0,322	0,000	0,009	0,015	FALSE
-0,006	0,311	0,000	0,010	0,015	FALSE
-0,034	0,284	-0,001	0,006	0,033	FALSE
-0,029	0,309	-0,001	0,007	0,036	FALSE
-0,060	0,313	-0,001	0,008	0,062	FALSE
-0,055	0,302	-0,001	0,007	0,064	FALSE
-0,045	0,305	-0,001	0,007	0,046	FALSE
0,069	0,302	0,004	0,013	0,108	FALSE

0,029	0,301	0,000	0,010	0,009	FALSE
0,152	0,314	0,005	0,009	0,209	FALSE
-0,054	0,323	-0,003	0,012	0,099	FALSE
-0,015	0,316	-0,001	0,008	0,058	FALSE
-0,107	0,317	-0,004	0,011	0,158	FALSE
-0,101	0,306	-0,005	0,013	0,143	FALSE
-0,029	0,316	-0,002	0,013	0,045	FALSE
-0,083	0,312	-0,004	0,013	0,114	FALSE
-0,093	0,315	-0,004	0,012	0,125	FALSE
0,036	0,318	0,001	0,008	0,048	FALSE
0,064	0,310	0,001	0,006	0,088	FALSE
0,134	0,308	0,005	0,012	0,188	FALSE
0,026	0,297	0,000	0,007	0,015	FALSE
0,060	0,326	0,001	0,009	0,039	FALSE
-0,056	0,316	-0,001	0,007	0,058	FALSE
-0,070	0,310	-0,001	0,006	0,078	FALSE
-0,084	0,310	-0,002	0,011	0,088	FALSE
0,028	0,313	0,000	0,007	0,008	FALSE
-0,123	0,298	-0,003	0,009	0,162	FALSE
-0,169	0,306	-0,004	0,008	0,250	FALSE
-0,153	0,318	-0,003	0,007	0,205	FALSE
0,026	0,303	0,001	0,009	0,043	FALSE
-0,024	0,318	-0,001	0,007	0,035	FALSE
0,063	0,299	0,002	0,007	0,100	FALSE
0,072	0,298	0,002	0,008	0,101	FALSE
0,095	0,299	0,005	0,012	0,149	FALSE
-0,013	0,300	-0,001	0,011	0,025	FALSE
-0,182	0,280	-0,007	0,010	0,318	FALSE
0,168	0,303	0,004	0,007	0,231	FALSE
-0,018	0,309	-0,001	0,013	0,016	FALSE
0,082	0,304	0,002	0,007	0,114	FALSE
-0,006	0,306	0,000	0,012	0,005	FALSE
-0,128	0,310	-0,003	0,009	0,150	FALSE
-0,068	0,319	-0,002	0,010	0,071	FALSE
-0,125	0,318	-0,004	0,009	0,150	FALSE
-0,031	0,317	-0,001	0,007	0,048	FALSE
-0,031	0,303	-0,001	0,006	0,033	FALSE
0,022	0,300	0,001	0,013	0,014	FALSE
0,003	0,295	0,000	0,013	0,004	FALSE
-0,003	0,317	0,000	0,009	0,006	FALSE
-0,010	0,296	-0,001	0,011	0,032	FALSE
-0,017	0,297	-0,001	0,012	0,022	FALSE
0,038	0,311	0,001	0,009	0,038	FALSE
0,055	0,302	0,001	0,007	0,074	FALSE
0,084	0,293	0,002	0,008	0,099	FALSE
0,053	0,302	0,002	0,009	0,085	FALSE
0,143	0,306	0,003	0,007	0,183	FALSE
0,052	0,307	0,002	0,013	0,055	FALSE
-0,087	0,306	-0,004	0,012	0,145	FALSE
-0,060	0,288	-0,004	0,012	0,118	FALSE
0,055	0,295	0,001	0,012	0,033	FALSE
0,036	0,302	0,002	0,010	0,063	FALSE
-0,058	0,297	-0,001	0,008	0,047	FALSE

-0,072	0,314	-0,002	0,009	0,066	FALSE
-0,040	0,299	-0,001	0,011	0,048	FALSE
0,064	0,306	0,002	0,010	0,082	FALSE
-0,012	0,303	0,000	0,008	0,010	FALSE
0,013	0,308	0,000	0,008	0,019	FALSE
-0,060	0,305	-0,001	0,011	0,047	FALSE
-0,015	0,312	0,000	0,007	0,014	FALSE
0,007	0,316	0,000	0,013	0,003	FALSE
-0,026	0,298	0,000	0,011	0,014	FALSE
0,039	0,312	0,001	0,007	0,070	FALSE
-0,018	0,313	-0,001	0,006	0,041	FALSE
0,168	0,303	0,003	0,007	0,198	FALSE
-0,047	0,316	-0,001	0,008	0,063	FALSE
-0,046	0,316	-0,001	0,010	0,042	FALSE
0,013	0,301	0,001	0,009	0,029	FALSE
-0,067	0,305	-0,002	0,008	0,112	FALSE
0,057	0,309	0,004	0,013	0,102	FALSE
-0,033	0,318	0,000	0,008	0,012	FALSE
-0,017	0,312	0,000	0,011	0,004	FALSE
-0,009	0,313	0,000	0,009	0,008	FALSE
0,030	0,314	0,000	0,009	0,010	FALSE
0,084	0,303	0,003	0,013	0,093	FALSE
-0,033	0,314	-0,001	0,010	0,037	FALSE
-0,136	0,309	-0,004	0,010	0,176	FALSE
-0,095	0,308	-0,004	0,012	0,111	FALSE
-0,084	0,311	-0,002	0,008	0,114	FALSE
0,029	0,316	0,001	0,013	0,035	FALSE
0,029	0,323	0,002	0,013	0,045	FALSE
-0,084	0,308	-0,003	0,012	0,096	FALSE
-0,089	0,317	-0,003	0,011	0,100	FALSE
-0,052	0,311	-0,002	0,010	0,066	FALSE
-0,096	0,322	-0,003	0,012	0,090	FALSE
-0,154	0,306	-0,005	0,010	0,216	FALSE
0,006	0,310	0,000	0,008	0,000	FALSE
-0,042	0,311	-0,001	0,008	0,042	FALSE
0,039	0,317	0,001	0,013	0,026	FALSE
-0,069	0,306	-0,001	0,008	0,056	FALSE
-0,086	0,306	-0,002	0,008	0,117	FALSE
-0,065	0,304	-0,002	0,011	0,057	FALSE
-0,105	0,311	-0,003	0,010	0,144	FALSE
-0,042	0,302	-0,002	0,013	0,054	FALSE
-0,049	0,307	-0,002	0,012	0,062	FALSE
-0,021	0,315	0,000	0,012	0,003	FALSE
0,020	0,311	0,000	0,008	0,015	FALSE
-0,070	0,297	-0,002	0,010	0,093	FALSE
0,038	0,323	0,001	0,007	0,037	FALSE
0,019	0,302	0,000	0,013	0,013	FALSE
0,061	0,320	0,002	0,013	0,064	FALSE
0,166	0,302	0,005	0,009	0,218	FALSE
-0,009	0,310	-0,001	0,010	0,022	FALSE
-0,070	0,301	-0,001	0,011	0,048	FALSE
-0,058	0,298	-0,001	0,007	0,037	FALSE
-0,072	0,309	-0,002	0,008	0,094	FALSE

0,135	0,318	0,004	0,009	0,201	FALSE
0,132	0,307	0,003	0,008	0,174	FALSE
0,111	0,308	0,003	0,009	0,139	FALSE
-0,109	0,314	-0,004	0,009	0,167	FALSE
-0,044	0,320	-0,001	0,009	0,052	FALSE
0,066	0,297	0,001	0,006	0,069	FALSE
0,066	0,306	0,001	0,006	0,089	FALSE
-0,068	0,315	-0,002	0,008	0,082	FALSE
-0,012	0,308	0,000	0,009	0,007	FALSE
0,039	0,308	0,001	0,007	0,063	FALSE
-0,084	0,294	-0,003	0,010	0,109	FALSE
0,181	0,287	0,007	0,012	0,257	FALSE
-0,071	0,309	-0,003	0,012	0,102	FALSE
0,072	0,313	0,002	0,007	0,096	FALSE
-0,045	0,314	-0,001	0,008	0,060	FALSE
-0,035	0,307	-0,001	0,007	0,061	FALSE
0,006	0,311	0,000	0,011	0,007	FALSE
-0,096	0,312	-0,003	0,008	0,148	FALSE
0,040	0,309	0,001	0,009	0,045	FALSE
0,081	0,332	0,003	0,011	0,093	FALSE
-0,079	0,309	-0,003	0,011	0,087	FALSE
0,070	0,305	0,002	0,012	0,070	FALSE
-0,025	0,325	-0,001	0,011	0,031	FALSE
-0,193	0,300	-0,008	0,013	0,286	FALSE
-0,036	0,312	-0,001	0,009	0,046	FALSE
-0,124	0,309	-0,003	0,007	0,164	FALSE
-0,073	0,313	-0,002	0,007	0,086	FALSE
-0,051	0,323	-0,001	0,008	0,055	FALSE
-0,023	0,299	-0,001	0,009	0,022	FALSE
0,126	0,299	0,003	0,008	0,165	FALSE
0,021	0,314	0,000	0,008	0,016	FALSE
0,149	0,295	0,005	0,008	0,257	FALSE
0,067	0,314	0,002	0,008	0,078	FALSE
-0,028	0,314	0,000	0,007	0,015	FALSE
0,009	0,306	0,001	0,012	0,020	FALSE
-0,001	0,305	0,000	0,013	0,014	FALSE
-0,122	0,315	-0,005	0,011	0,165	FALSE
-0,010	0,314	0,000	0,006	0,010	FALSE
-0,046	0,318	-0,001	0,008	0,046	FALSE
0,027	0,317	0,001	0,010	0,034	FALSE
0,030	0,299	0,001	0,012	0,024	FALSE
0,028	0,294	0,001	0,011	0,023	FALSE
-0,075	0,321	-0,002	0,013	0,068	FALSE
-0,045	0,290	-0,001	0,006	0,040	FALSE
0,077	0,301	0,001	0,007	0,059	FALSE
-0,147	0,306	-0,003	0,007	0,195	FALSE
0,110	0,294	0,004	0,010	0,147	FALSE
0,005	0,310	0,000	0,008	0,008	FALSE
-0,042	0,311	-0,001	0,007	0,035	FALSE
-0,153	0,303	-0,007	0,012	0,244	FALSE
-0,012	0,321	-0,001	0,009	0,022	FALSE
0,097	0,303	0,004	0,012	0,143	FALSE
-0,059	0,316	-0,002	0,012	0,077	FALSE

-0,089	0,300	-0,003	0,011	0,116	FALSE
0,167	0,306	0,007	0,012	0,238	FALSE
0,042	0,306	0,000	0,007	0,013	FALSE
-0,105	0,307	-0,002	0,006	0,141	FALSE
-0,036	0,307	-0,001	0,008	0,031	FALSE
-0,164	0,310	-0,008	0,013	0,279	FALSE
-0,037	0,312	-0,001	0,009	0,025	FALSE
0,002	0,302	0,000	0,008	0,003	FALSE
-0,079	0,320	-0,003	0,010	0,104	FALSE
-0,079	0,308	-0,003	0,013	0,083	FALSE
-0,140	0,288	-0,004	0,010	0,191	FALSE
-0,007	0,314	0,000	0,008	0,016	FALSE
0,151	0,299	0,004	0,008	0,210	FALSE
0,124	0,301	0,004	0,010	0,169	FALSE
0,010	0,298	0,002	0,010	0,057	FALSE
0,142	0,301	0,005	0,012	0,181	FALSE
-0,056	0,304	-0,002	0,010	0,058	FALSE
-0,120	0,304	-0,004	0,010	0,163	FALSE
-0,008	0,309	0,000	0,012	0,007	FALSE
-0,010	0,304	0,000	0,008	0,014	FALSE
0,146	0,297	0,005	0,011	0,204	FALSE
-0,004	0,313	0,000	0,010	0,007	FALSE
-0,067	0,311	-0,001	0,007	0,046	FALSE
-0,047	0,301	-0,002	0,012	0,076	FALSE
0,033	0,323	0,001	0,008	0,028	FALSE
-0,019	0,316	-0,001	0,013	0,034	FALSE
-0,007	0,308	0,000	0,007	0,002	FALSE
0,043	0,310	0,001	0,007	0,025	FALSE
0,007	0,314	0,000	0,013	0,004	FALSE
-0,043	0,302	-0,002	0,012	0,056	FALSE
-0,057	0,309	-0,001	0,009	0,059	FALSE
0,006	0,301	0,000	0,012	0,008	FALSE
0,090	0,299	0,002	0,009	0,091	FALSE
-0,086	0,304	-0,004	0,012	0,140	FALSE
-0,099	0,301	-0,005	0,013	0,157	FALSE
-0,105	0,303	-0,006	0,013	0,172	FALSE
0,033	0,303	0,000	0,012	0,012	FALSE
0,087	0,310	0,003	0,008	0,125	FALSE
0,102	0,303	0,003	0,008	0,168	FALSE
0,037	0,306	0,001	0,009	0,032	FALSE
-0,023	0,294	0,000	0,007	0,024	FALSE
0,029	0,312	0,002	0,011	0,064	FALSE
-0,031	0,305	-0,001	0,008	0,040	FALSE
-0,076	0,299	-0,004	0,013	0,139	FALSE
0,047	0,316	0,001	0,007	0,047	FALSE
0,094	0,302	0,006	0,013	0,189	FALSE
-0,001	0,305	0,001	0,010	0,027	FALSE
0,102	0,305	0,002	0,008	0,110	FALSE
-0,021	0,298	0,000	0,010	0,004	FALSE
0,039	0,317	0,002	0,008	0,067	FALSE
-0,064	0,307	-0,001	0,007	0,070	FALSE
-0,013	0,309	0,000	0,006	0,006	FALSE
0,080	0,319	0,002	0,007	0,098	FALSE

-0,094	0,302	-0,004	0,013	0,114	FALSE
0,104	0,315	0,003	0,008	0,158	FALSE
0,060	0,305	0,002	0,008	0,085	FALSE
0,149	0,296	0,005	0,012	0,174	FALSE
0,009	0,307	0,001	0,013	0,020	FALSE
-0,080	0,315	-0,002	0,009	0,100	FALSE
-0,091	0,320	-0,003	0,009	0,110	FALSE
0,083	0,306	0,002	0,007	0,101	FALSE
0,124	0,315	0,003	0,007	0,151	FALSE
0,068	0,311	0,002	0,010	0,089	FALSE
0,134	0,298	0,004	0,011	0,164	FALSE
0,053	0,309	0,001	0,008	0,046	FALSE
0,027	0,310	0,000	0,008	0,017	FALSE
0,056	0,315	0,002	0,010	0,087	FALSE
-0,060	0,303	-0,001	0,007	0,031	FALSE
0,048	0,318	0,002	0,011	0,048	FALSE
0,049	0,306	0,002	0,011	0,061	FALSE
0,163	0,294	0,005	0,008	0,246	FALSE
-0,010	0,299	0,000	0,012	0,007	FALSE
0,179	0,290	0,008	0,013	0,271	FALSE
0,107	0,313	0,004	0,010	0,145	FALSE
0,068	0,309	0,002	0,008	0,093	FALSE
0,122	0,293	0,005	0,011	0,170	FALSE
0,050	0,301	0,001	0,009	0,064	FALSE
0,056	0,314	0,001	0,007	0,076	FALSE
0,049	0,304	0,002	0,011	0,073	FALSE
-0,107	0,311	-0,002	0,009	0,113	FALSE
-0,005	0,313	0,000	0,008	0,010	FALSE
0,130	0,312	0,003	0,008	0,157	FALSE
0,000	0,304	-0,001	0,013	0,029	FALSE
0,035	0,324	0,001	0,010	0,032	FALSE
-0,043	0,292	-0,002	0,009	0,065	FALSE
-0,075	0,316	-0,003	0,011	0,104	FALSE
-0,013	0,315	0,000	0,008	0,016	FALSE
0,091	0,315	0,005	0,012	0,164	FALSE
0,191	0,312	0,004	0,007	0,250	FALSE
-0,081	0,320	-0,003	0,009	0,142	FALSE
-0,048	0,303	-0,001	0,007	0,069	FALSE
-0,010	0,315	-0,001	0,008	0,038	FALSE
0,101	0,301	0,003	0,009	0,119	FALSE
-0,045	0,311	-0,001	0,007	0,034	FALSE
-0,078	0,294	-0,002	0,012	0,060	FALSE
0,007	0,299	-0,001	0,012	0,022	FALSE
-0,018	0,310	0,000	0,009	0,013	FALSE
-0,016	0,318	-0,001	0,013	0,031	FALSE
-0,017	0,300	-0,001	0,008	0,024	FALSE
0,052	0,307	0,002	0,011	0,085	FALSE
0,060	0,319	0,001	0,007	0,044	FALSE
0,039	0,304	0,001	0,006	0,082	FALSE
0,004	0,295	-0,001	0,010	0,027	FALSE
-0,018	0,316	-0,002	0,009	0,068	FALSE
0,065	0,307	0,002	0,009	0,094	FALSE
-0,043	0,313	-0,001	0,007	0,025	FALSE

-0,103	0,313	-0,005	0,013	0,147	FALSE
0,052	0,302	0,002	0,009	0,066	FALSE
0,007	0,307	0,001	0,008	0,026	FALSE
0,024	0,294	0,002	0,011	0,072	FALSE
0,033	0,300	0,002	0,011	0,059	FALSE
-0,087	0,305	-0,001	0,006	0,088	FALSE
-0,063	0,314	-0,002	0,010	0,083	FALSE
-0,157	0,316	-0,006	0,013	0,213	FALSE
0,006	0,292	0,001	0,010	0,029	FALSE
-0,092	0,301	-0,004	0,010	0,144	FALSE
-0,031	0,326	-0,001	0,013	0,033	FALSE
-0,015	0,297	0,000	0,011	0,004	FALSE
-0,021	0,314	-0,001	0,012	0,024	FALSE
0,078	0,310	0,003	0,012	0,100	FALSE
0,093	0,299	0,003	0,010	0,139	FALSE
0,204	0,311	0,008	0,013	0,289	FALSE
-0,090	0,312	-0,004	0,013	0,120	FALSE
-0,018	0,293	0,000	0,007	0,025	FALSE
-0,028	0,294	0,000	0,006	0,017	FALSE
-0,033	0,306	0,000	0,009	0,016	FALSE
0,034	0,296	0,001	0,012	0,037	FALSE
-0,017	0,315	-0,001	0,013	0,026	FALSE
0,114	0,304	0,004	0,008	0,185	FALSE
-0,015	0,303	0,000	0,007	0,006	FALSE
0,057	0,318	0,002	0,011	0,075	FALSE
-0,096	0,304	-0,002	0,006	0,153	FALSE
0,011	0,326	0,001	0,009	0,019	FALSE
-0,047	0,317	-0,001	0,010	0,045	FALSE
-0,059	0,300	-0,002	0,012	0,061	FALSE
0,007	0,304	0,000	0,011	0,003	FALSE
0,079	0,294	0,002	0,007	0,111	FALSE
0,050	0,318	0,002	0,013	0,053	FALSE
-0,016	0,301	-0,001	0,007	0,032	FALSE
-0,003	0,321	0,000	0,008	0,006	FALSE
0,171	0,310	0,004	0,007	0,220	FALSE
-0,108	0,304	-0,003	0,008	0,122	FALSE
0,055	0,307	0,001	0,008	0,041	FALSE
0,093	0,299	0,003	0,008	0,133	FALSE
-0,070	0,308	-0,002	0,009	0,085	FALSE
-0,115	0,307	-0,002	0,007	0,113	FALSE
0,113	0,319	0,003	0,007	0,162	FALSE
-0,033	0,306	-0,001	0,012	0,018	FALSE
0,118	0,303	0,003	0,006	0,187	FALSE
0,082	0,306	0,003	0,011	0,116	FALSE
0,108	0,308	0,003	0,010	0,118	FALSE
0,064	0,310	0,002	0,011	0,055	FALSE
-0,078	0,314	-0,003	0,010	0,111	FALSE
-0,026	0,305	0,000	0,009	0,015	FALSE
0,081	0,296	0,002	0,008	0,092	FALSE
0,170	0,303	0,009	0,013	0,314	FALSE
-0,060	0,306	-0,002	0,012	0,047	FALSE
0,020	0,311	0,001	0,009	0,037	FALSE
-0,043	0,299	-0,001	0,009	0,054	FALSE

-0,040	0,309	-0,002	0,012	0,079	FALSE
0,017	0,306	0,000	0,013	0,001	FALSE
0,031	0,310	0,001	0,012	0,020	FALSE
-0,010	0,316	-0,001	0,010	0,019	FALSE
-0,077	0,314	-0,002	0,012	0,077	FALSE
0,089	0,312	0,003	0,010	0,129	FALSE
-0,156	0,301	-0,005	0,011	0,196	FALSE
0,155	0,305	0,005	0,009	0,229	FALSE
0,029	0,308	0,001	0,008	0,049	FALSE
0,026	0,311	0,001	0,008	0,037	FALSE
0,113	0,301	0,005	0,011	0,178	FALSE
-0,034	0,314	0,000	0,012	0,014	FALSE
-0,084	0,303	-0,002	0,008	0,075	FALSE
0,068	0,316	0,003	0,012	0,097	FALSE
0,089	0,309	0,003	0,011	0,094	FALSE
-0,097	0,317	-0,002	0,007	0,120	FALSE
-0,007	0,312	-0,001	0,013	0,022	FALSE
-0,039	0,320	-0,002	0,010	0,064	FALSE
-0,006	0,311	-0,001	0,013	0,027	FALSE
-0,102	0,312	-0,003	0,007	0,137	FALSE
0,027	0,310	0,000	0,007	0,001	FALSE
-0,038	0,303	-0,001	0,008	0,059	FALSE
0,020	0,294	0,001	0,012	0,045	FALSE
0,122	0,308	0,004	0,011	0,155	FALSE
0,028	0,305	0,000	0,007	0,024	FALSE
-0,011	0,313	0,000	0,008	0,019	FALSE
-0,002	0,311	0,000	0,007	0,006	FALSE
-0,021	0,305	0,000	0,007	0,000	FALSE
-0,016	0,306	-0,001	0,007	0,037	FALSE
0,012	0,331	0,001	0,010	0,041	FALSE
0,068	0,306	0,002	0,012	0,059	FALSE
0,109	0,302	0,003	0,011	0,112	FALSE
0,009	0,315	0,000	0,012	0,014	FALSE
0,008	0,315	0,001	0,012	0,032	FALSE
-0,016	0,297	-0,001	0,011	0,035	FALSE
0,012	0,298	0,001	0,010	0,033	FALSE
0,008	0,297	0,001	0,010	0,033	FALSE
0,023	0,291	0,001	0,011	0,027	FALSE
-0,088	0,315	-0,003	0,012	0,109	FALSE
0,008	0,304	0,000	0,010	0,013	FALSE
0,028	0,292	0,001	0,008	0,059	FALSE
-0,116	0,303	-0,004	0,012	0,146	FALSE
0,143	0,309	0,004	0,010	0,148	FALSE
0,138	0,303	0,004	0,011	0,139	FALSE
-0,023	0,303	0,000	0,007	0,026	FALSE
-0,010	0,287	-0,001	0,008	0,033	FALSE
-0,109	0,311	-0,004	0,013	0,132	FALSE
-0,117	0,303	-0,005	0,013	0,148	FALSE
-0,057	0,310	-0,002	0,011	0,083	FALSE
-0,002	0,319	-0,001	0,011	0,034	FALSE
0,088	0,296	0,003	0,011	0,116	FALSE
0,114	0,301	0,004	0,011	0,137	FALSE
-0,040	0,300	0,000	0,006	0,018	FALSE

-0,012	0,319	0,001	0,009	0,021	FALSE
0,022	0,318	0,001	0,010	0,047	FALSE
-0,071	0,307	-0,003	0,011	0,112	FALSE
0,007	0,315	0,001	0,011	0,042	FALSE
-0,089	0,300	-0,003	0,009	0,129	FALSE
-0,059	0,301	-0,002	0,009	0,100	FALSE
-0,013	0,312	-0,001	0,012	0,025	FALSE
-0,052	0,304	-0,001	0,007	0,041	FALSE
-0,063	0,307	-0,003	0,009	0,104	FALSE
0,162	0,311	0,006	0,012	0,200	FALSE
-0,012	0,309	-0,001	0,013	0,023	FALSE
-0,066	0,304	-0,002	0,012	0,068	FALSE
-0,075	0,314	-0,003	0,013	0,081	FALSE
-0,071	0,316	-0,002	0,011	0,061	FALSE
-0,044	0,288	-0,002	0,010	0,071	FALSE
-0,021	0,304	0,000	0,011	0,005	FALSE
0,050	0,299	0,001	0,008	0,039	FALSE
-0,068	0,313	-0,002	0,012	0,066	FALSE
-0,079	0,315	-0,002	0,012	0,075	FALSE
-0,033	0,300	-0,001	0,012	0,028	FALSE
-0,122	0,310	-0,003	0,008	0,140	FALSE
0,059	0,306	0,001	0,007	0,059	FALSE
0,009	0,322	0,001	0,013	0,017	FALSE
0,152	0,310	0,005	0,010	0,241	FALSE
0,127	0,298	0,003	0,008	0,178	FALSE
-0,087	0,315	-0,002	0,009	0,096	FALSE
0,040	0,303	0,000	0,013	0,006	FALSE
0,063	0,301	0,002	0,013	0,046	FALSE
0,124	0,298	0,002	0,007	0,128	FALSE
0,051	0,320	0,002	0,010	0,081	FALSE
-0,057	0,300	-0,002	0,010	0,069	FALSE
0,070	0,305	0,003	0,013	0,076	FALSE
0,044	0,308	0,001	0,010	0,052	FALSE
-0,026	0,312	-0,001	0,013	0,033	FALSE
-0,018	0,299	-0,001	0,008	0,027	FALSE
-0,052	0,313	-0,001	0,008	0,052	FALSE
0,013	0,315	0,001	0,012	0,038	FALSE
-0,050	0,318	-0,001	0,007	0,068	FALSE
-0,034	0,304	-0,001	0,012	0,032	FALSE
-0,065	0,304	-0,002	0,012	0,074	FALSE
-0,062	0,309	-0,002	0,007	0,102	FALSE
-0,012	0,318	0,000	0,008	0,003	FALSE
-0,066	0,314	-0,002	0,007	0,087	FALSE
-0,082	0,299	-0,002	0,008	0,095	FALSE
-0,020	0,305	0,000	0,010	0,016	FALSE
-0,031	0,314	-0,001	0,009	0,029	FALSE
0,083	0,297	0,003	0,010	0,095	FALSE
-0,038	0,304	-0,001	0,009	0,053	FALSE
-0,077	0,339	-0,002	0,010	0,073	FALSE
0,002	0,308	0,000	0,010	0,004	FALSE
-0,040	0,306	-0,001	0,009	0,047	FALSE
-0,112	0,318	-0,004	0,010	0,162	FALSE
0,011	0,311	0,000	0,008	0,011	FALSE

0,069	0,304	0,003	0,010	0,117	FALSE
0,152	0,304	0,004	0,008	0,207	FALSE
-0,002	0,306	0,000	0,009	0,019	FALSE
-0,015	0,305	0,000	0,007	0,019	FALSE
0,072	0,289	0,002	0,010	0,065	FALSE
0,073	0,288	0,002	0,008	0,085	FALSE
0,016	0,307	0,000	0,011	0,003	FALSE
0,132	0,308	0,003	0,008	0,179	FALSE
0,019	0,310	0,001	0,011	0,020	FALSE
0,030	0,318	0,001	0,011	0,030	FALSE
0,013	0,295	0,000	0,006	0,009	FALSE
0,035	0,298	0,001	0,008	0,034	FALSE
-0,022	0,307	-0,001	0,007	0,034	FALSE
0,040	0,317	0,002	0,010	0,056	FALSE
-0,020	0,315	-0,001	0,012	0,019	FALSE
-0,145	0,297	-0,004	0,008	0,196	FALSE
-0,017	0,303	-0,001	0,012	0,019	FALSE
-0,083	0,285	-0,003	0,009	0,115	FALSE
-0,064	0,298	-0,003	0,010	0,104	FALSE
0,090	0,312	0,002	0,007	0,096	FALSE
0,051	0,290	0,002	0,007	0,080	FALSE
0,028	0,323	0,001	0,013	0,037	FALSE
-0,074	0,322	-0,002	0,010	0,085	FALSE
0,019	0,303	0,000	0,011	0,013	FALSE
0,081	0,304	0,002	0,007	0,087	FALSE
0,058	0,307	0,002	0,007	0,099	FALSE
-0,023	0,317	0,000	0,007	0,012	FALSE
0,192	0,292	0,007	0,011	0,260	FALSE
0,184	0,299	0,006	0,012	0,221	FALSE
0,129	0,302	0,004	0,012	0,154	FALSE
-0,182	0,297	-0,006	0,011	0,256	FALSE
0,128	0,302	0,004	0,011	0,148	FALSE
-0,023	0,317	0,000	0,007	0,004	FALSE
0,009	0,306	0,000	0,010	0,000	FALSE
-0,192	0,302	-0,004	0,007	0,261	FALSE
-0,129	0,311	-0,004	0,009	0,158	FALSE
-0,010	0,304	0,000	0,013	0,010	FALSE
0,056	0,301	0,002	0,009	0,075	FALSE
0,085	0,309	0,004	0,012	0,145	FALSE
-0,039	0,302	-0,001	0,012	0,042	FALSE
0,015	0,320	0,000	0,009	0,019	FALSE
0,060	0,307	0,001	0,007	0,065	FALSE
-0,009	0,317	-0,001	0,011	0,022	FALSE
-0,085	0,320	-0,002	0,007	0,114	FALSE
-0,037	0,306	-0,001	0,012	0,033	FALSE
0,031	0,303	0,001	0,007	0,040	FALSE
0,021	0,317	0,000	0,009	0,020	FALSE
0,177	0,308	0,007	0,013	0,215	FALSE
0,012	0,301	0,000	0,006	0,007	FALSE
0,063	0,315	0,002	0,009	0,079	FALSE
0,087	0,307	0,003	0,010	0,122	FALSE
-0,029	0,318	0,000	0,008	0,021	FALSE
-0,089	0,306	-0,001	0,007	0,072	FALSE

-0,086	0,308	-0,004	0,012	0,123	FALSE
0,043	0,323	0,002	0,013	0,060	FALSE
0,055	0,313	0,002	0,009	0,071	FALSE
0,045	0,322	0,001	0,009	0,055	FALSE
-0,108	0,312	-0,002	0,006	0,112	FALSE
0,092	0,301	0,002	0,009	0,094	FALSE
0,088	0,305	0,002	0,009	0,104	FALSE
0,126	0,304	0,004	0,009	0,175	FALSE
-0,077	0,308	-0,003	0,013	0,074	FALSE
0,007	0,311	0,000	0,007	0,022	FALSE
0,087	0,300	0,003	0,009	0,118	FALSE
-0,001	0,300	0,000	0,007	0,004	FALSE
-0,084	0,298	-0,002	0,007	0,108	FALSE
0,029	0,310	0,001	0,011	0,039	FALSE
-0,100	0,319	-0,004	0,010	0,138	FALSE
0,070	0,307	0,002	0,008	0,070	FALSE
-0,039	0,311	-0,001	0,007	0,044	FALSE
-0,041	0,310	-0,001	0,011	0,047	FALSE
-0,036	0,311	-0,001	0,007	0,049	FALSE
-0,013	0,312	0,000	0,008	0,008	FALSE
-0,040	0,301	-0,001	0,008	0,051	FALSE
-0,042	0,314	-0,002	0,012	0,059	FALSE
-0,118	0,298	-0,004	0,010	0,169	FALSE
0,061	0,307	0,002	0,007	0,097	FALSE
0,095	0,327	0,004	0,013	0,123	FALSE
0,023	0,309	0,000	0,012	0,007	FALSE
0,034	0,308	0,001	0,009	0,037	FALSE
0,084	0,306	0,002	0,009	0,106	FALSE
-0,015	0,306	-0,001	0,008	0,030	FALSE
-0,022	0,291	-0,001	0,008	0,053	FALSE
0,008	0,307	0,000	0,009	0,018	FALSE
-0,060	0,311	-0,002	0,012	0,054	FALSE
0,030	0,298	0,002	0,012	0,047	FALSE
-0,011	0,307	0,000	0,007	0,023	FALSE
-0,035	0,313	-0,001	0,011	0,044	FALSE
0,156	0,315	0,003	0,007	0,212	FALSE
0,056	0,310	0,001	0,008	0,066	FALSE
-0,036	0,313	-0,001	0,013	0,038	FALSE
0,065	0,319	0,002	0,009	0,098	FALSE
-0,021	0,314	-0,001	0,008	0,028	FALSE
0,017	0,311	0,002	0,012	0,060	FALSE
0,109	0,304	0,002	0,006	0,140	FALSE
0,046	0,312	0,001	0,010	0,052	FALSE
-0,073	0,295	-0,002	0,009	0,104	FALSE
0,087	0,303	0,003	0,009	0,160	FALSE
0,060	0,319	0,001	0,008	0,060	FALSE
-0,002	0,299	0,000	0,010	0,007	FALSE
0,059	0,312	0,002	0,006	0,104	FALSE
-0,032	0,304	-0,001	0,009	0,048	FALSE
0,110	0,309	0,003	0,010	0,142	FALSE
-0,017	0,310	-0,001	0,006	0,029	FALSE
0,053	0,308	0,002	0,013	0,058	FALSE
0,126	0,288	0,003	0,007	0,188	FALSE

0,021	0,313	0,001	0,008	0,027	FALSE
0,003	0,308	0,000	0,013	0,005	FALSE
-0,062	0,286	-0,002	0,011	0,085	FALSE
0,060	0,313	0,001	0,006	0,065	FALSE
0,140	0,289	0,003	0,007	0,220	FALSE
-0,055	0,308	-0,002	0,009	0,075	FALSE
0,004	0,307	0,000	0,008	0,008	FALSE
0,070	0,308	0,002	0,010	0,073	FALSE
0,080	0,310	0,002	0,007	0,104	FALSE
-0,151	0,308	-0,004	0,007	0,233	FALSE
0,017	0,318	0,001	0,013	0,024	FALSE
0,031	0,314	0,001	0,006	0,056	FALSE
-0,073	0,303	-0,004	0,012	0,129	FALSE
-0,077	0,304	-0,002	0,008	0,094	FALSE
0,073	0,319	0,002	0,008	0,103	FALSE
0,005	0,319	0,000	0,006	0,003	FALSE
-0,019	0,310	0,000	0,009	0,009	FALSE
-0,004	0,307	0,000	0,008	0,006	FALSE
-0,099	0,315	-0,003	0,010	0,129	FALSE
0,111	0,303	0,004	0,009	0,164	FALSE
-0,056	0,304	-0,002	0,009	0,084	FALSE
-0,088	0,317	-0,003	0,010	0,116	FALSE
-0,068	0,319	-0,002	0,007	0,079	FALSE
-0,103	0,298	-0,005	0,012	0,156	FALSE
0,060	0,308	0,002	0,009	0,094	FALSE
-0,021	0,327	0,000	0,009	0,004	FALSE
0,077	0,309	0,002	0,010	0,086	FALSE
0,083	0,315	0,003	0,011	0,100	FALSE
0,074	0,314	0,003	0,012	0,090	FALSE
0,010	0,309	0,001	0,012	0,027	FALSE
-0,133	0,304	-0,004	0,008	0,193	FALSE
0,096	0,322	0,002	0,009	0,088	FALSE
0,057	0,309	0,003	0,012	0,099	FALSE
0,005	0,313	0,000	0,010	0,014	FALSE
0,030	0,303	0,001	0,007	0,049	FALSE
-0,118	0,314	-0,004	0,010	0,169	FALSE
0,065	0,315	0,002	0,012	0,062	FALSE
0,036	0,310	0,001	0,007	0,033	FALSE
-0,075	0,309	-0,003	0,010	0,108	FALSE
-0,027	0,302	-0,001	0,007	0,035	FALSE
-0,003	0,309	0,001	0,008	0,028	FALSE
-0,015	0,298	0,000	0,008	0,004	FALSE
-0,012	0,299	-0,001	0,011	0,035	FALSE
0,033	0,305	0,002	0,010	0,071	FALSE
0,004	0,304	0,000	0,012	0,002	FALSE
-0,057	0,315	-0,003	0,012	0,081	FALSE
0,039	0,315	0,001	0,008	0,060	FALSE
-0,005	0,308	-0,001	0,007	0,027	FALSE
0,090	0,301	0,003	0,008	0,145	FALSE
0,127	0,302	0,006	0,012	0,199	FALSE
0,107	0,300	0,004	0,012	0,138	FALSE
0,062	0,310	0,002	0,008	0,104	FALSE
0,037	0,311	0,002	0,011	0,059	FALSE

-0,118	0,300	-0,004	0,012	0,138	FALSE
0,105	0,294	0,003	0,012	0,108	FALSE
-0,028	0,305	-0,002	0,013	0,071	FALSE
-0,083	0,309	-0,004	0,013	0,137	FALSE
0,039	0,292	0,000	0,011	0,007	FALSE
-0,033	0,306	-0,002	0,010	0,072	FALSE
-0,029	0,313	-0,001	0,008	0,032	FALSE
0,059	0,308	0,001	0,008	0,055	FALSE
-0,002	0,314	0,000	0,007	0,005	FALSE
-0,009	0,312	0,000	0,011	0,003	FALSE
0,078	0,311	0,001	0,007	0,075	FALSE
-0,067	0,297	-0,002	0,007	0,089	FALSE
-0,115	0,320	-0,005	0,011	0,168	FALSE
0,032	0,298	0,001	0,012	0,024	FALSE
0,087	0,307	0,003	0,010	0,095	FALSE
-0,043	0,303	-0,001	0,013	0,033	FALSE
0,046	0,304	0,001	0,009	0,056	FALSE
-0,111	0,304	-0,003	0,012	0,100	FALSE
-0,054	0,301	-0,001	0,012	0,041	FALSE
-0,143	0,318	-0,003	0,007	0,201	FALSE
-0,120	0,309	-0,003	0,007	0,164	FALSE
-0,018	0,313	0,000	0,008	0,014	FALSE
-0,021	0,316	0,000	0,008	0,015	FALSE
0,001	0,310	0,000	0,008	0,011	FALSE
-0,046	0,299	-0,001	0,007	0,062	FALSE
-0,013	0,310	0,000	0,013	0,003	FALSE
-0,021	0,309	-0,001	0,012	0,037	FALSE
-0,047	0,301	-0,001	0,009	0,037	FALSE
-0,026	0,319	-0,001	0,010	0,045	FALSE
-0,128	0,306	-0,004	0,009	0,188	FALSE
-0,011	0,320	0,000	0,008	0,012	FALSE
0,076	0,294	0,003	0,012	0,102	FALSE
0,002	0,318	0,000	0,008	0,010	FALSE
0,001	0,321	0,000	0,007	0,001	FALSE
0,036	0,315	0,001	0,008	0,047	FALSE
0,032	0,310	0,001	0,008	0,042	FALSE
0,026	0,315	0,001	0,008	0,030	FALSE
0,070	0,301	0,002	0,011	0,069	FALSE
0,018	0,315	0,001	0,008	0,035	FALSE
0,131	0,295	0,004	0,008	0,189	FALSE
0,218	0,307	0,006	0,009	0,323	FALSE
-0,052	0,304	-0,001	0,010	0,051	FALSE
0,015	0,308	0,001	0,007	0,058	FALSE
0,032	0,316	0,001	0,007	0,053	FALSE
-0,101	0,312	-0,002	0,007	0,107	FALSE
-0,132	0,300	-0,003	0,007	0,175	FALSE
0,045	0,304	0,001	0,006	0,078	FALSE
-0,074	0,325	-0,002	0,010	0,084	FALSE
-0,014	0,295	0,001	0,007	0,031	FALSE
-0,135	0,304	-0,005	0,010	0,201	FALSE
-0,081	0,317	-0,004	0,012	0,116	FALSE
0,066	0,305	0,002	0,008	0,084	FALSE
0,007	0,303	0,000	0,007	0,018	FALSE

-0,065	0,300	-0,003	0,013	0,104	FALSE
-0,106	0,298	-0,005	0,013	0,167	FALSE
-0,124	0,297	-0,003	0,007	0,176	FALSE
0,061	0,307	0,002	0,012	0,075	FALSE
0,083	0,307	0,004	0,013	0,110	FALSE
0,073	0,308	0,002	0,008	0,092	FALSE
-0,045	0,314	-0,002	0,012	0,050	FALSE
-0,036	0,304	-0,002	0,012	0,068	FALSE
-0,156	0,301	-0,005	0,010	0,214	FALSE
-0,074	0,314	-0,003	0,010	0,114	FALSE
0,039	0,294	0,001	0,012	0,046	FALSE
-0,188	0,316	-0,006	0,009	0,283	FALSE
0,033	0,296	0,002	0,013	0,068	FALSE
-0,049	0,308	-0,001	0,013	0,036	FALSE
-0,055	0,304	-0,001	0,012	0,042	FALSE
-0,027	0,305	-0,001	0,010	0,049	FALSE
0,079	0,313	0,003	0,009	0,139	FALSE
0,056	0,308	0,001	0,013	0,038	FALSE
-0,017	0,315	0,000	0,011	0,011	FALSE
0,103	0,312	0,003	0,009	0,139	FALSE
0,032	0,305	0,000	0,012	0,008	FALSE
0,074	0,308	0,002	0,011	0,061	FALSE
-0,079	0,292	-0,003	0,012	0,109	FALSE
-0,045	0,312	-0,001	0,011	0,044	FALSE
-0,040	0,300	-0,001	0,011	0,024	FALSE
0,018	0,296	0,002	0,012	0,049	FALSE
-0,013	0,315	-0,001	0,009	0,022	FALSE
-0,047	0,302	-0,002	0,012	0,062	FALSE
-0,046	0,314	-0,001	0,007	0,031	FALSE
-0,041	0,310	-0,001	0,013	0,039	FALSE
0,059	0,315	0,001	0,012	0,034	FALSE
0,104	0,304	0,004	0,012	0,127	FALSE
0,077	0,284	0,003	0,012	0,080	FALSE
-0,108	0,330	-0,003	0,008	0,119	FALSE
-0,087	0,299	-0,004	0,012	0,118	FALSE
-0,119	0,306	-0,003	0,007	0,167	FALSE
-0,121	0,300	-0,002	0,007	0,116	FALSE
-0,050	0,299	-0,001	0,009	0,033	FALSE
-0,110	0,314	-0,002	0,007	0,107	FALSE
-0,023	0,300	-0,003	0,013	0,082	FALSE
-0,072	0,302	-0,002	0,009	0,064	FALSE
-0,069	0,304	-0,002	0,010	0,061	FALSE
0,092	0,314	0,004	0,012	0,122	FALSE
0,077	0,303	0,003	0,009	0,122	FALSE
0,015	0,320	0,000	0,011	0,012	FALSE
0,025	0,311	0,001	0,012	0,027	FALSE
-0,064	0,308	-0,001	0,007	0,069	FALSE
-0,019	0,312	0,000	0,009	0,006	FALSE
0,127	0,306	0,004	0,008	0,172	FALSE
0,021	0,282	0,000	0,007	0,018	FALSE
0,059	0,302	0,001	0,008	0,069	FALSE
-0,036	0,307	-0,001	0,009	0,036	FALSE
0,001	0,299	0,000	0,007	0,016	FALSE

-0,010	0,325	0,000	0,008	0,016	FALSE
0,065	0,319	0,002	0,008	0,089	FALSE
-0,067	0,309	-0,002	0,008	0,086	FALSE
-0,133	0,299	-0,005	0,012	0,174	FALSE
-0,044	0,305	-0,001	0,011	0,049	FALSE
0,119	0,315	0,002	0,007	0,139	FALSE
-0,034	0,305	0,000	0,006	0,026	FALSE
-0,039	0,302	-0,001	0,010	0,055	FALSE
0,039	0,314	0,001	0,007	0,063	FALSE
0,032	0,299	0,001	0,007	0,078	FALSE
0,069	0,311	0,003	0,011	0,093	FALSE
0,011	0,308	0,001	0,008	0,055	FALSE
0,101	0,308	0,004	0,010	0,153	FALSE
-0,009	0,320	0,000	0,012	0,001	FALSE
0,010	0,303	0,000	0,009	0,003	FALSE
-0,132	0,316	-0,003	0,008	0,153	FALSE
-0,087	0,298	-0,003	0,008	0,124	FALSE
-0,104	0,302	-0,003	0,009	0,141	FALSE
0,133	0,306	0,005	0,012	0,178	FALSE
-0,046	0,316	-0,001	0,011	0,033	FALSE
-0,009	0,304	0,000	0,008	0,009	FALSE
-0,093	0,305	-0,003	0,012	0,101	FALSE
-0,113	0,312	-0,005	0,013	0,154	FALSE
-0,159	0,303	-0,006	0,013	0,207	FALSE
0,028	0,315	0,001	0,009	0,063	FALSE
-0,008	0,298	0,000	0,009	0,006	FALSE
0,116	0,310	0,004	0,011	0,132	FALSE
-0,028	0,298	-0,001	0,006	0,041	FALSE
0,145	0,296	0,005	0,010	0,226	FALSE
-0,128	0,315	-0,002	0,007	0,134	FALSE
-0,037	0,300	-0,001	0,007	0,043	FALSE
-0,045	0,319	-0,001	0,008	0,047	FALSE
-0,042	0,324	-0,001	0,009	0,041	FALSE
-0,087	0,305	-0,003	0,008	0,135	FALSE
0,005	0,320	0,000	0,009	0,013	FALSE
0,112	0,314	0,003	0,007	0,149	FALSE
0,031	0,303	0,001	0,009	0,030	FALSE
-0,057	0,306	-0,002	0,007	0,085	FALSE
0,025	0,296	0,001	0,007	0,026	FALSE
-0,096	0,308	-0,004	0,011	0,136	FALSE
-0,035	0,304	-0,002	0,010	0,065	FALSE
0,000	0,319	0,000	0,010	0,006	FALSE
-0,044	0,308	-0,001	0,008	0,072	FALSE
-0,097	0,308	-0,004	0,010	0,151	FALSE
-0,013	0,314	-0,001	0,013	0,028	FALSE
-0,038	0,305	-0,002	0,010	0,067	FALSE
-0,081	0,312	-0,004	0,012	0,130	FALSE
-0,047	0,303	-0,002	0,009	0,088	FALSE
-0,090	0,303	-0,002	0,008	0,083	FALSE
-0,111	0,313	-0,003	0,009	0,116	FALSE
-0,101	0,304	-0,003	0,009	0,109	FALSE
-0,152	0,311	-0,003	0,008	0,177	FALSE
0,117	0,322	0,003	0,009	0,160	FALSE

0,148	0,312	0,006	0,010	0,246	FALSE
-0,017	0,312	0,000	0,007	0,019	FALSE
-0,083	0,317	-0,001	0,007	0,069	FALSE
-0,054	0,313	-0,002	0,012	0,077	FALSE
-0,049	0,281	-0,003	0,013	0,074	FALSE
0,166	0,306	0,005	0,009	0,241	FALSE
0,148	0,305	0,003	0,007	0,198	FALSE
-0,104	0,312	-0,004	0,011	0,151	FALSE
-0,094	0,312	-0,003	0,010	0,105	FALSE
-0,128	0,305	-0,004	0,010	0,151	FALSE
-0,073	0,304	-0,003	0,009	0,117	FALSE
0,015	0,316	-0,001	0,013	0,016	FALSE
-0,045	0,313	-0,001	0,011	0,035	FALSE
0,030	0,308	0,001	0,007	0,052	FALSE
0,028	0,312	0,001	0,007	0,043	FALSE
0,011	0,316	0,001	0,012	0,024	FALSE
-0,017	0,310	0,000	0,013	0,012	FALSE
-0,099	0,297	-0,003	0,011	0,101	FALSE
-0,075	0,288	-0,004	0,012	0,118	FALSE
0,085	0,303	0,002	0,006	0,108	FALSE
0,040	0,296	0,001	0,007	0,070	FALSE
0,080	0,306	0,002	0,009	0,099	FALSE
0,018	0,304	0,001	0,008	0,039	FALSE
-0,065	0,307	-0,003	0,011	0,099	FALSE
-0,036	0,319	-0,001	0,012	0,036	FALSE
-0,017	0,315	0,000	0,011	0,011	FALSE
-0,189	0,319	-0,004	0,007	0,251	FALSE
0,077	0,321	0,003	0,010	0,101	FALSE
-0,005	0,307	0,000	0,011	0,013	FALSE
-0,017	0,293	-0,001	0,010	0,026	FALSE
-0,085	0,304	-0,002	0,007	0,119	FALSE
-0,081	0,310	-0,002	0,006	0,101	FALSE
0,007	0,307	0,000	0,012	0,001	FALSE
0,046	0,305	0,001	0,011	0,046	FALSE
0,099	0,304	0,005	0,011	0,178	FALSE
0,078	0,295	0,001	0,007	0,066	FALSE
0,053	0,311	0,001	0,006	0,050	FALSE
0,045	0,307	0,001	0,008	0,034	FALSE
-0,014	0,302	-0,001	0,011	0,037	FALSE
-0,013	0,307	0,000	0,011	0,002	FALSE
0,124	0,308	0,002	0,006	0,139	FALSE
-0,204	0,304	-0,004	0,006	0,276	FALSE
0,009	0,285	0,001	0,006	0,048	FALSE
-0,036	0,317	-0,001	0,013	0,031	FALSE
0,034	0,310	0,002	0,013	0,042	FALSE
0,059	0,299	0,002	0,011	0,053	FALSE
-0,012	0,308	0,000	0,012	0,011	FALSE
-0,033	0,297	-0,001	0,008	0,028	FALSE
-0,075	0,305	-0,002	0,008	0,087	FALSE
0,079	0,288	0,002	0,011	0,058	FALSE
0,009	0,325	0,000	0,013	0,005	FALSE
-0,134	0,303	-0,003	0,007	0,192	FALSE
-0,076	0,312	-0,003	0,012	0,097	FALSE

-0,032	0,315	0,000	0,009	0,007	FALSE
-0,013	0,317	-0,001	0,011	0,017	FALSE
-0,038	0,302	-0,002	0,007	0,089	FALSE
0,015	0,298	0,000	0,007	0,019	FALSE
0,063	0,304	0,001	0,006	0,079	FALSE
0,132	0,303	0,006	0,012	0,210	FALSE
-0,071	0,296	-0,002	0,009	0,069	FALSE
-0,063	0,299	-0,002	0,009	0,086	FALSE
-0,043	0,302	-0,002	0,012	0,046	FALSE
0,100	0,297	0,003	0,007	0,158	FALSE
-0,095	0,313	-0,003	0,011	0,118	FALSE
-0,019	0,312	0,000	0,008	0,014	FALSE
0,130	0,297	0,003	0,006	0,168	FALSE
-0,090	0,313	-0,004	0,012	0,122	FALSE
0,031	0,318	0,001	0,012	0,039	FALSE
0,072	0,304	0,003	0,012	0,092	FALSE
0,015	0,298	0,001	0,007	0,061	FALSE
0,118	0,310	0,004	0,010	0,162	FALSE
0,004	0,311	0,001	0,007	0,032	FALSE
-0,197	0,305	-0,007	0,010	0,279	FALSE
0,011	0,304	-0,001	0,009	0,021	FALSE
0,066	0,300	0,003	0,013	0,079	FALSE
0,027	0,307	0,001	0,008	0,035	FALSE
-0,051	0,313	-0,001	0,007	0,057	FALSE
0,055	0,289	0,002	0,008	0,094	FALSE
-0,009	0,312	0,000	0,008	0,012	FALSE
-0,025	0,315	-0,002	0,013	0,055	FALSE
0,001	0,298	0,000	0,008	0,022	FALSE
0,046	0,306	0,001	0,012	0,037	FALSE
0,011	0,302	0,000	0,007	0,014	FALSE
-0,063	0,316	-0,002	0,013	0,058	FALSE
0,034	0,325	0,000	0,007	0,002	FALSE
-0,010	0,331	-0,001	0,010	0,019	FALSE
-0,015	0,308	-0,001	0,009	0,042	FALSE
0,118	0,295	0,003	0,007	0,147	FALSE
0,121	0,313	0,003	0,008	0,151	FALSE
0,034	0,304	0,002	0,009	0,062	FALSE
-0,016	0,309	-0,001	0,009	0,025	FALSE
0,001	0,307	0,000	0,010	0,012	FALSE
0,092	0,309	0,004	0,012	0,125	FALSE
-0,066	0,318	-0,003	0,012	0,095	FALSE
-0,107	0,314	-0,004	0,013	0,131	FALSE
0,140	0,304	0,006	0,013	0,191	FALSE
0,051	0,324	0,001	0,009	0,031	FALSE
0,005	0,314	-0,001	0,013	0,015	FALSE
-0,002	0,302	-0,001	0,012	0,020	FALSE
-0,098	0,309	-0,003	0,012	0,106	FALSE
-0,071	0,313	-0,003	0,011	0,114	FALSE
-0,083	0,305	-0,003	0,010	0,118	FALSE
-0,124	0,313	-0,004	0,009	0,169	FALSE
-0,051	0,290	-0,002	0,012	0,063	FALSE
-0,085	0,300	-0,003	0,009	0,139	FALSE
-0,251	0,291	-0,011	0,013	0,394	FALSE

0,006	0,312	0,000	0,009	0,000	FALSE
0,022	0,310	0,001	0,008	0,029	FALSE
0,068	0,297	0,002	0,009	0,079	FALSE
-0,123	0,286	-0,003	0,007	0,148	FALSE
-0,118	0,306	-0,003	0,008	0,146	FALSE
-0,024	0,308	-0,001	0,013	0,030	FALSE
0,009	0,319	0,001	0,013	0,025	FALSE
-0,084	0,300	-0,004	0,011	0,140	FALSE
0,054	0,306	0,002	0,008	0,079	FALSE
-0,053	0,321	-0,003	0,011	0,097	FALSE
-0,071	0,317	-0,003	0,011	0,092	FALSE
0,126	0,303	0,003	0,008	0,149	FALSE
0,075	0,305	0,003	0,012	0,092	FALSE
-0,147	0,288	-0,005	0,011	0,185	FALSE
-0,103	0,319	-0,003	0,009	0,123	FALSE
0,132	0,294	0,003	0,006	0,176	FALSE
-0,102	0,326	-0,004	0,010	0,143	FALSE
-0,118	0,312	-0,003	0,008	0,159	FALSE
-0,068	0,308	-0,002	0,012	0,073	FALSE
-0,170	0,292	-0,006	0,009	0,271	FALSE
0,035	0,300	0,002	0,007	0,081	FALSE
0,000	0,311	-0,001	0,007	0,034	FALSE
0,072	0,303	0,002	0,007	0,127	FALSE
0,007	0,303	0,000	0,008	0,008	FALSE
0,033	0,308	0,001	0,009	0,052	FALSE
-0,014	0,315	0,000	0,010	0,009	FALSE
-0,009	0,309	0,000	0,010	0,004	FALSE
-0,131	0,310	-0,005	0,012	0,180	FALSE
-0,005	0,300	0,000	0,008	0,001	FALSE
0,016	0,319	0,000	0,007	0,023	FALSE
0,011	0,306	0,000	0,006	0,028	FALSE
0,019	0,305	0,001	0,008	0,031	FALSE
0,087	0,317	0,003	0,013	0,092	FALSE
-0,124	0,295	-0,005	0,012	0,164	FALSE
-0,028	0,307	0,000	0,009	0,019	FALSE
0,043	0,310	0,002	0,012	0,054	FALSE
0,099	0,302	0,004	0,011	0,136	FALSE
0,069	0,303	0,002	0,011	0,081	FALSE
0,071	0,297	0,003	0,011	0,091	FALSE
0,073	0,308	0,003	0,012	0,086	FALSE
0,058	0,316	0,002	0,012	0,072	FALSE
0,000	0,321	0,000	0,013	0,000	FALSE
0,045	0,304	0,002	0,010	0,058	FALSE
-0,031	0,302	-0,001	0,007	0,030	FALSE
0,036	0,303	0,001	0,012	0,023	FALSE
0,104	0,313	0,004	0,011	0,154	FALSE
0,142	0,307	0,004	0,009	0,194	FALSE
-0,005	0,307	0,000	0,010	0,000	FALSE
0,004	0,292	0,001	0,010	0,030	FALSE
-0,015	0,305	0,000	0,007	0,015	FALSE
-0,031	0,312	-0,002	0,012	0,052	FALSE
-0,010	0,303	0,000	0,007	0,001	FALSE
-0,049	0,321	-0,002	0,013	0,060	FALSE

-0,004	0,325	-0,001	0,013	0,020	FALSE
0,041	0,309	0,001	0,010	0,050	FALSE
0,060	0,320	0,003	0,012	0,102	FALSE
0,193	0,290	0,006	0,009	0,301	FALSE
0,148	0,309	0,005	0,009	0,216	FALSE
0,020	0,316	0,001	0,010	0,022	FALSE
-0,015	0,300	-0,001	0,012	0,026	FALSE
-0,077	0,310	-0,004	0,011	0,129	FALSE
-0,001	0,295	0,000	0,010	0,012	FALSE
-0,027	0,300	-0,001	0,010	0,030	FALSE
0,131	0,320	0,003	0,007	0,182	FALSE
-0,113	0,312	-0,003	0,009	0,149	FALSE
0,101	0,311	0,003	0,007	0,156	FALSE
-0,022	0,290	0,000	0,006	0,018	FALSE
-0,077	0,313	-0,002	0,007	0,103	FALSE
0,069	0,298	0,004	0,013	0,128	FALSE
0,074	0,317	0,002	0,008	0,108	FALSE
-0,025	0,313	0,000	0,008	0,013	FALSE
0,018	0,315	0,000	0,007	0,012	FALSE
0,005	0,312	0,000	0,007	0,010	FALSE
0,135	0,310	0,005	0,013	0,160	FALSE
0,039	0,301	0,001	0,010	0,035	FALSE
-0,013	0,305	0,000	0,007	0,011	FALSE
-0,081	0,324	-0,003	0,012	0,092	FALSE
0,037	0,299	0,002	0,011	0,063	FALSE
-0,019	0,300	0,000	0,007	0,010	FALSE
-0,021	0,311	0,000	0,006	0,016	FALSE
0,006	0,324	-0,001	0,013	0,019	FALSE
0,087	0,312	0,002	0,007	0,083	FALSE
0,105	0,297	0,003	0,009	0,113	FALSE
-0,008	0,300	0,000	0,007	0,004	FALSE
0,051	0,303	0,003	0,012	0,084	FALSE
0,027	0,306	0,000	0,012	0,014	FALSE
0,012	0,310	0,001	0,010	0,027	FALSE
-0,140	0,292	-0,005	0,009	0,209	FALSE
0,004	0,310	0,001	0,012	0,036	FALSE
0,092	0,317	0,003	0,010	0,117	FALSE
-0,043	0,316	-0,001	0,012	0,037	FALSE
-0,147	0,311	-0,005	0,009	0,217	FALSE
0,087	0,312	0,003	0,011	0,100	FALSE
0,065	0,305	0,003	0,012	0,089	FALSE
0,166	0,309	0,006	0,012	0,210	FALSE
-0,124	0,303	-0,004	0,010	0,138	FALSE
-0,070	0,304	-0,002	0,012	0,076	FALSE
-0,097	0,278	-0,003	0,010	0,096	FALSE
0,021	0,297	0,000	0,008	0,020	FALSE
0,068	0,296	0,003	0,010	0,097	FALSE
-0,027	0,295	-0,001	0,008	0,024	FALSE
0,057	0,316	0,002	0,007	0,099	FALSE
0,077	0,305	0,002	0,007	0,129	FALSE
-0,011	0,312	0,000	0,006	0,001	FALSE
-0,037	0,312	-0,001	0,007	0,050	FALSE
0,113	0,312	0,004	0,011	0,145	FALSE

-0,029	0,303	-0,001	0,007	0,037	FALSE
-0,155	0,321	-0,005	0,009	0,206	FALSE
-0,153	0,317	-0,004	0,009	0,195	FALSE
-0,063	0,307	-0,001	0,006	0,073	FALSE
0,071	0,319	0,001	0,009	0,051	FALSE
-0,010	0,302	-0,001	0,013	0,014	FALSE
0,034	0,288	0,001	0,006	0,069	FALSE
0,003	0,315	0,000	0,010	0,009	FALSE
-0,065	0,315	-0,001	0,007	0,058	FALSE
-0,023	0,306	0,000	0,007	0,013	FALSE
0,128	0,292	0,003	0,007	0,161	FALSE
-0,117	0,293	-0,005	0,012	0,178	FALSE
0,019	0,306	0,000	0,012	0,003	FALSE
-0,006	0,296	-0,001	0,012	0,031	FALSE
0,036	0,307	0,001	0,006	0,051	FALSE
0,045	0,315	0,002	0,011	0,052	FALSE
-0,070	0,283	-0,003	0,012	0,076	FALSE
-0,037	0,294	-0,001	0,012	0,018	FALSE
-0,032	0,303	0,000	0,009	0,014	FALSE
-0,003	0,303	0,000	0,010	0,009	FALSE
-0,003	0,321	0,000	0,009	0,013	FALSE
-0,056	0,317	-0,001	0,009	0,047	FALSE
0,096	0,309	0,002	0,007	0,131	FALSE
-0,048	0,313	-0,001	0,011	0,040	FALSE
0,162	0,304	0,005	0,008	0,242	FALSE
-0,090	0,307	-0,002	0,007	0,104	FALSE
-0,003	0,307	0,000	0,009	0,005	FALSE
-0,060	0,301	-0,001	0,008	0,041	FALSE
0,026	0,309	-0,001	0,012	0,018	FALSE
-0,058	0,307	-0,001	0,009	0,040	FALSE
0,057	0,307	0,001	0,008	0,045	FALSE
-0,035	0,308	-0,001	0,007	0,043	FALSE
0,083	0,307	0,002	0,009	0,101	FALSE
0,005	0,314	0,001	0,012	0,019	FALSE
-0,072	0,300	-0,002	0,008	0,070	FALSE
-0,072	0,321	-0,001	0,006	0,076	FALSE
-0,035	0,301	-0,001	0,013	0,034	FALSE
0,084	0,304	0,004	0,010	0,158	FALSE
0,000	0,310	-0,001	0,009	0,024	FALSE
-0,033	0,302	-0,001	0,010	0,042	FALSE
-0,126	0,322	-0,002	0,007	0,121	FALSE
0,067	0,304	0,003	0,009	0,129	FALSE
0,221	0,286	0,007	0,009	0,364	FALSE
-0,056	0,314	-0,002	0,013	0,066	FALSE
-0,123	0,303	-0,004	0,012	0,152	FALSE
0,089	0,299	0,002	0,008	0,093	FALSE
-0,099	0,294	-0,002	0,009	0,091	FALSE
0,121	0,314	0,003	0,009	0,147	FALSE
0,061	0,291	0,002	0,009	0,073	FALSE
-0,001	0,303	0,000	0,008	0,016	FALSE
0,032	0,304	0,001	0,010	0,043	FALSE
-0,080	0,305	-0,002	0,008	0,108	FALSE
-0,003	0,304	0,000	0,006	0,006	FALSE

-0,014	0,303	-0,001	0,008	0,028	FALSE
0,061	0,312	0,001	0,008	0,069	FALSE
-0,157	0,311	-0,006	0,011	0,239	FALSE
-0,104	0,302	-0,002	0,006	0,144	FALSE
0,001	0,320	0,000	0,013	0,008	FALSE
0,020	0,312	0,001	0,008	0,038	FALSE
0,031	0,323	0,001	0,008	0,056	FALSE
0,090	0,303	0,003	0,010	0,138	FALSE
-0,012	0,300	-0,001	0,010	0,022	FALSE
0,092	0,312	0,003	0,010	0,125	FALSE
0,060	0,302	0,002	0,006	0,123	FALSE
0,050	0,297	0,002	0,007	0,121	FALSE
-0,013	0,299	-0,001	0,010	0,036	FALSE
-0,097	0,288	-0,004	0,011	0,151	FALSE
-0,061	0,301	-0,001	0,006	0,070	FALSE
-0,074	0,299	-0,001	0,007	0,070	FALSE
-0,089	0,306	-0,003	0,009	0,110	FALSE
-0,032	0,309	-0,001	0,008	0,035	FALSE
-0,058	0,315	-0,001	0,007	0,068	FALSE
-0,090	0,318	-0,003	0,010	0,115	FALSE
-0,005	0,308	0,000	0,009	0,002	FALSE
-0,015	0,311	0,000	0,007	0,002	FALSE
-0,079	0,306	-0,003	0,012	0,102	FALSE
-0,024	0,313	-0,001	0,011	0,022	FALSE
-0,085	0,314	-0,004	0,013	0,113	FALSE
-0,094	0,295	-0,003	0,012	0,096	FALSE
0,076	0,303	0,002	0,008	0,081	FALSE
0,083	0,297	0,002	0,008	0,106	FALSE
0,088	0,297	0,002	0,008	0,109	FALSE
-0,022	0,334	0,000	0,007	0,018	FALSE
-0,120	0,291	-0,004	0,012	0,149	FALSE
-0,015	0,305	-0,001	0,012	0,035	FALSE
-0,021	0,297	-0,002	0,011	0,052	FALSE
-0,020	0,320	-0,001	0,013	0,030	FALSE
0,025	0,305	0,000	0,013	0,000	FALSE
-0,037	0,319	0,000	0,008	0,013	FALSE
0,125	0,297	0,003	0,007	0,214	FALSE
-0,034	0,305	-0,002	0,012	0,055	FALSE
-0,078	0,308	-0,004	0,012	0,124	FALSE
-0,023	0,295	-0,001	0,006	0,037	FALSE
0,023	0,322	0,001	0,013	0,030	FALSE
0,028	0,303	0,001	0,007	0,025	FALSE
0,017	0,299	0,001	0,008	0,031	FALSE
0,070	0,314	0,003	0,013	0,089	FALSE
-0,019	0,294	-0,001	0,012	0,035	FALSE
0,088	0,302	0,004	0,012	0,130	FALSE
0,034	0,309	0,001	0,009	0,033	FALSE
-0,002	0,312	0,000	0,008	0,000	FALSE
-0,029	0,301	0,000	0,008	0,012	FALSE
0,010	0,311	0,000	0,006	0,006	FALSE
-0,010	0,306	0,000	0,007	0,005	FALSE
0,055	0,319	0,001	0,008	0,060	FALSE
0,014	0,311	0,000	0,007	0,020	FALSE

-0,038	0,316	0,000	0,007	0,024	FALSE
0,211	0,302	0,009	0,012	0,313	FALSE
0,150	0,309	0,004	0,008	0,202	FALSE
0,134	0,307	0,006	0,013	0,174	FALSE
0,028	0,310	0,001	0,013	0,019	FALSE
0,106	0,299	0,004	0,012	0,120	FALSE
-0,068	0,318	-0,002	0,009	0,106	FALSE
0,079	0,305	0,002	0,009	0,103	FALSE
-0,096	0,293	-0,003	0,009	0,140	FALSE
-0,037	0,310	-0,001	0,011	0,030	FALSE
-0,010	0,304	0,000	0,009	0,007	FALSE
-0,118	0,286	-0,005	0,013	0,169	FALSE
-0,111	0,302	-0,002	0,007	0,136	FALSE
0,207	0,291	0,008	0,010	0,353	FALSE
0,008	0,319	0,000	0,013	0,008	FALSE
-0,014	0,321	-0,001	0,014	0,017	FALSE
0,017	0,300	0,000	0,009	0,016	FALSE
-0,020	0,307	-0,001	0,007	0,028	FALSE
0,027	0,305	0,001	0,010	0,035	FALSE
0,057	0,310	0,002	0,010	0,063	FALSE
0,038	0,314	0,001	0,009	0,032	FALSE
-0,028	0,320	-0,001	0,013	0,041	FALSE
-0,045	0,310	-0,002	0,013	0,061	FALSE
0,046	0,300	0,001	0,012	0,033	FALSE
0,001	0,313	0,000	0,009	0,006	FALSE
-0,015	0,307	-0,001	0,010	0,032	FALSE
-0,084	0,308	-0,003	0,013	0,078	FALSE
0,195	0,296	0,005	0,008	0,266	FALSE
0,150	0,306	0,004	0,008	0,185	FALSE
-0,181	0,306	-0,004	0,007	0,237	FALSE
0,064	0,311	0,003	0,011	0,109	FALSE
-0,004	0,316	-0,001	0,013	0,029	FALSE
0,025	0,298	0,001	0,008	0,063	FALSE
-0,052	0,310	-0,001	0,013	0,042	FALSE
0,021	0,317	0,000	0,009	0,009	FALSE
0,104	0,296	0,004	0,012	0,127	FALSE
-0,047	0,303	-0,002	0,010	0,073	FALSE
-0,115	0,298	-0,004	0,009	0,176	FALSE
-0,062	0,308	-0,003	0,011	0,091	FALSE
0,045	0,305	0,000	0,007	0,024	FALSE
0,067	0,310	0,002	0,010	0,066	FALSE
-0,079	0,306	-0,002	0,010	0,072	FALSE
0,070	0,304	0,002	0,008	0,091	FALSE
-0,052	0,314	-0,002	0,013	0,056	FALSE
-0,027	0,297	0,000	0,007	0,021	FALSE
-0,055	0,305	-0,002	0,012	0,053	FALSE
-0,034	0,307	-0,001	0,012	0,029	FALSE
0,021	0,307	0,000	0,008	0,017	FALSE
0,001	0,310	0,000	0,008	0,015	FALSE
-0,089	0,309	-0,004	0,013	0,106	FALSE
0,088	0,314	0,003	0,013	0,094	FALSE
-0,015	0,307	0,000	0,008	0,007	FALSE
-0,054	0,311	-0,001	0,007	0,051	FALSE

-0,030	0,310	-0,001	0,008	0,028	FALSE
0,032	0,312	0,001	0,011	0,032	FALSE
-0,113	0,315	-0,005	0,011	0,187	FALSE
0,187	0,296	0,004	0,006	0,244	FALSE
0,085	0,309	0,002	0,007	0,085	FALSE
-0,012	0,305	-0,001	0,007	0,028	FALSE
-0,024	0,309	-0,001	0,012	0,035	FALSE
-0,056	0,315	-0,002	0,012	0,062	FALSE
0,064	0,310	0,001	0,007	0,067	FALSE
0,062	0,297	0,002	0,009	0,062	FALSE
0,035	0,312	0,001	0,013	0,031	FALSE
0,062	0,311	0,002	0,008	0,090	FALSE
0,064	0,325	0,002	0,009	0,069	FALSE
0,092	0,319	0,002	0,008	0,110	FALSE
0,032	0,304	0,001	0,011	0,023	FALSE
-0,062	0,308	-0,002	0,010	0,083	FALSE
-0,014	0,310	0,000	0,008	0,005	FALSE
-0,116	0,302	-0,004	0,010	0,155	FALSE
-0,062	0,312	-0,002	0,012	0,075	FALSE
-0,104	0,305	-0,003	0,011	0,121	FALSE
0,055	0,306	0,002	0,013	0,062	FALSE
-0,044	0,315	-0,002	0,013	0,069	FALSE
0,091	0,304	0,002	0,007	0,093	FALSE
-0,148	0,321	-0,006	0,012	0,202	FALSE
0,077	0,311	0,003	0,012	0,112	FALSE
-0,004	0,308	0,000	0,009	0,002	FALSE
-0,021	0,319	-0,001	0,007	0,033	FALSE
0,007	0,314	0,000	0,009	0,004	FALSE
0,056	0,307	0,002	0,011	0,070	FALSE
-0,109	0,313	-0,002	0,007	0,141	FALSE
0,052	0,289	0,001	0,008	0,040	FALSE
-0,135	0,314	-0,003	0,007	0,179	FALSE
-0,069	0,312	-0,003	0,012	0,097	FALSE
0,103	0,290	0,005	0,011	0,196	FALSE
0,070	0,311	0,003	0,013	0,093	FALSE
-0,090	0,307	-0,002	0,010	0,093	FALSE
0,035	0,303	0,001	0,012	0,039	FALSE
-0,002	0,299	0,000	0,012	0,006	FALSE
0,016	0,319	0,001	0,012	0,016	FALSE
-0,007	0,321	0,000	0,008	0,002	FALSE
0,027	0,317	0,001	0,007	0,046	FALSE
0,097	0,309	0,005	0,011	0,172	FALSE
0,060	0,308	0,002	0,011	0,066	FALSE
0,121	0,311	0,003	0,007	0,156	FALSE
0,044	0,309	0,001	0,006	0,053	FALSE
0,069	0,303	0,001	0,006	0,088	FALSE
0,122	0,301	0,005	0,012	0,184	FALSE
0,057	0,307	0,004	0,013	0,110	FALSE
-0,003	0,314	0,000	0,008	0,000	FALSE
0,060	0,320	0,003	0,012	0,107	FALSE
0,014	0,308	0,001	0,009	0,021	FALSE
0,039	0,307	0,001	0,006	0,075	FALSE
0,015	0,317	0,001	0,007	0,036	FALSE

-0,101	0,292	-0,002	0,007	0,141	FALSE
0,038	0,312	0,002	0,011	0,053	FALSE
-0,011	0,305	0,000	0,006	0,017	FALSE
0,034	0,298	0,002	0,011	0,069	FALSE
0,122	0,286	0,003	0,007	0,152	FALSE
-0,006	0,311	0,000	0,012	0,001	FALSE
-0,103	0,310	-0,003	0,006	0,159	FALSE
0,050	0,308	0,001	0,006	0,083	FALSE
-0,050	0,317	-0,001	0,009	0,056	FALSE
0,086	0,310	0,004	0,012	0,131	FALSE
0,067	0,298	0,003	0,009	0,112	FALSE
-0,039	0,307	-0,001	0,008	0,030	FALSE
-0,034	0,291	-0,001	0,009	0,050	FALSE
-0,110	0,308	-0,003	0,009	0,128	FALSE
0,028	0,305	0,001	0,009	0,024	FALSE
0,000	0,309	0,000	0,008	0,005	FALSE
0,050	0,321	0,002	0,012	0,053	FALSE
0,095	0,329	0,003	0,010	0,120	FALSE
-0,025	0,309	-0,001	0,013	0,022	FALSE
0,006	0,301	0,000	0,007	0,003	FALSE
0,064	0,306	0,001	0,009	0,050	FALSE
-0,159	0,293	-0,005	0,010	0,241	FALSE
-0,046	0,305	-0,002	0,012	0,057	FALSE
0,101	0,304	0,004	0,009	0,169	FALSE
-0,032	0,303	-0,001	0,007	0,030	FALSE
-0,023	0,311	0,000	0,008	0,017	FALSE
-0,052	0,302	-0,001	0,007	0,039	FALSE
0,018	0,308	0,000	0,009	0,015	FALSE
-0,058	0,313	-0,003	0,011	0,117	FALSE
-0,005	0,314	0,001	0,012	0,032	FALSE
0,015	0,296	0,000	0,012	0,002	FALSE
-0,048	0,321	-0,002	0,011	0,063	FALSE
0,105	0,311	0,004	0,013	0,127	FALSE
0,042	0,310	0,002	0,011	0,067	FALSE
0,066	0,300	0,002	0,011	0,059	FALSE
-0,089	0,308	-0,003	0,010	0,138	FALSE
0,004	0,308	0,000	0,010	0,007	FALSE
0,023	0,303	0,001	0,008	0,040	FALSE
0,109	0,312	0,003	0,009	0,146	FALSE
0,114	0,323	0,004	0,010	0,147	FALSE
-0,053	0,318	-0,002	0,009	0,071	FALSE
-0,053	0,303	-0,002	0,007	0,079	FALSE
0,025	0,302	0,001	0,006	0,038	FALSE
0,015	0,314	0,000	0,010	0,014	FALSE
0,055	0,312	0,002	0,013	0,056	FALSE
-0,068	0,303	-0,003	0,009	0,119	FALSE
0,072	0,300	0,004	0,012	0,115	FALSE
-0,209	0,296	-0,007	0,011	0,290	FALSE
0,102	0,312	0,002	0,007	0,119	FALSE
-0,146	0,297	-0,004	0,009	0,195	FALSE
0,059	0,302	0,001	0,008	0,034	FALSE
0,003	0,306	0,000	0,008	0,000	FALSE
-0,164	0,311	-0,005	0,010	0,203	FALSE

0,167	0,312	0,004	0,007	0,234	FALSE
-0,069	0,316	-0,002	0,009	0,077	FALSE
-0,038	0,316	-0,001	0,007	0,042	FALSE
-0,099	0,301	-0,004	0,012	0,126	FALSE
-0,051	0,295	-0,002	0,011	0,068	FALSE
-0,064	0,298	-0,002	0,010	0,073	FALSE
0,056	0,318	0,001	0,008	0,048	FALSE
0,026	0,312	0,001	0,008	0,041	FALSE
0,107	0,312	0,003	0,008	0,143	FALSE
-0,001	0,303	0,000	0,010	0,002	FALSE
0,145	0,310	0,004	0,008	0,211	FALSE
-0,057	0,309	-0,001	0,007	0,044	FALSE
-0,064	0,300	-0,001	0,007	0,050	FALSE
0,035	0,320	0,001	0,007	0,066	FALSE
-0,074	0,313	-0,002	0,010	0,071	FALSE
0,017	0,292	0,000	0,011	0,001	FALSE
0,024	0,307	0,000	0,008	0,020	FALSE
0,053	0,301	0,001	0,012	0,044	FALSE
0,048	0,310	0,001	0,013	0,038	FALSE
0,037	0,292	0,001	0,012	0,036	FALSE
-0,019	0,311	0,000	0,011	0,004	FALSE
-0,134	0,304	-0,004	0,009	0,199	FALSE
-0,139	0,296	-0,004	0,009	0,169	FALSE
-0,057	0,310	-0,001	0,007	0,067	FALSE
-0,071	0,318	-0,003	0,013	0,098	FALSE
-0,002	0,320	0,000	0,006	0,007	FALSE
0,129	0,299	0,005	0,012	0,188	FALSE
-0,078	0,312	-0,004	0,012	0,124	FALSE
-0,008	0,306	0,000	0,008	0,011	FALSE
0,124	0,315	0,004	0,012	0,131	FALSE
0,115	0,303	0,004	0,012	0,124	FALSE
0,116	0,318	0,004	0,013	0,119	FALSE
0,114	0,316	0,003	0,008	0,129	FALSE
-0,049	0,300	-0,001	0,008	0,030	FALSE
0,056	0,302	0,002	0,010	0,079	FALSE
-0,069	0,302	-0,001	0,008	0,053	FALSE
0,063	0,301	0,002	0,009	0,075	FALSE
0,010	0,304	0,001	0,012	0,026	FALSE
-0,065	0,317	-0,003	0,013	0,084	FALSE
0,059	0,311	0,002	0,012	0,077	FALSE
-0,066	0,311	-0,002	0,010	0,085	FALSE
-0,092	0,298	-0,004	0,010	0,146	FALSE
-0,080	0,309	-0,002	0,009	0,097	FALSE
0,051	0,324	0,001	0,008	0,055	FALSE
-0,051	0,302	-0,002	0,012	0,062	FALSE
0,097	0,300	0,003	0,009	0,117	FALSE
0,043	0,318	0,001	0,009	0,031	FALSE
0,032	0,315	0,001	0,009	0,053	FALSE
-0,011	0,314	-0,001	0,009	0,019	FALSE
-0,039	0,301	-0,001	0,007	0,064	FALSE
0,002	0,317	0,001	0,007	0,030	FALSE
0,015	0,310	0,000	0,007	0,008	FALSE
0,121	0,312	0,003	0,008	0,178	FALSE

-0,073	0,323	-0,003	0,011	0,094	FALSE
-0,011	0,299	0,000	0,009	0,007	FALSE
-0,043	0,300	-0,001	0,007	0,045	FALSE
0,101	0,313	0,002	0,007	0,128	FALSE
0,047	0,305	0,001	0,009	0,053	FALSE
0,043	0,309	0,001	0,011	0,047	FALSE
0,140	0,291	0,003	0,006	0,212	FALSE
-0,088	0,305	-0,004	0,011	0,137	FALSE
0,103	0,301	0,005	0,013	0,144	FALSE
0,106	0,323	0,005	0,013	0,147	FALSE
0,067	0,316	0,002	0,009	0,094	FALSE
-0,020	0,300	-0,001	0,010	0,026	FALSE
0,172	0,296	0,006	0,012	0,230	FALSE
0,041	0,314	0,001	0,009	0,058	FALSE
0,027	0,293	0,003	0,012	0,085	FALSE
0,047	0,306	0,001	0,007	0,079	FALSE
-0,018	0,312	0,000	0,009	0,002	FALSE
0,007	0,319	0,001	0,011	0,048	FALSE
-0,104	0,314	-0,003	0,009	0,133	FALSE
0,052	0,306	0,002	0,012	0,068	FALSE
0,136	0,309	0,004	0,011	0,162	FALSE
-0,075	0,312	-0,003	0,013	0,097	FALSE
0,021	0,312	0,001	0,012	0,028	FALSE
0,062	0,299	0,002	0,010	0,084	FALSE
-0,058	0,317	-0,001	0,007	0,063	FALSE
0,056	0,299	0,002	0,011	0,071	FALSE
-0,082	0,318	-0,004	0,013	0,120	FALSE
0,104	0,305	0,006	0,013	0,184	FALSE
-0,138	0,303	-0,006	0,013	0,206	FALSE
0,122	0,305	0,004	0,010	0,172	FALSE
0,021	0,315	0,000	0,006	0,023	FALSE
0,162	0,320	0,008	0,014	0,245	FALSE
0,042	0,304	0,002	0,010	0,070	FALSE
0,076	0,303	0,002	0,010	0,096	FALSE
-0,032	0,301	0,000	0,007	0,022	FALSE
0,077	0,308	0,002	0,009	0,096	FALSE
0,001	0,320	0,000	0,012	0,001	FALSE
-0,165	0,292	-0,004	0,007	0,234	FALSE
0,013	0,303	0,002	0,011	0,057	FALSE
-0,049	0,309	-0,001	0,008	0,058	FALSE
-0,160	0,304	-0,003	0,007	0,208	FALSE
-0,008	0,302	0,000	0,009	0,010	FALSE
-0,094	0,312	-0,004	0,010	0,157	FALSE
0,014	0,313	0,000	0,007	0,009	FALSE
-0,138	0,305	-0,003	0,006	0,186	FALSE
0,069	0,303	0,002	0,010	0,086	FALSE
0,001	0,309	0,000	0,008	0,015	FALSE
0,187	0,299	0,007	0,010	0,294	FALSE
-0,009	0,306	0,000	0,008	0,001	FALSE
-0,048	0,298	-0,002	0,010	0,058	FALSE
-0,073	0,299	-0,003	0,010	0,133	FALSE
-0,059	0,304	-0,003	0,013	0,078	FALSE
0,039	0,307	0,001	0,008	0,057	FALSE

0,014	0,310	0,001	0,012	0,017	FALSE
-0,100	0,311	-0,004	0,013	0,135	FALSE
-0,106	0,314	-0,004	0,012	0,136	FALSE
0,002	0,300	0,001	0,008	0,026	FALSE
0,010	0,307	0,000	0,006	0,004	FALSE
0,052	0,311	0,001	0,011	0,046	FALSE
0,128	0,314	0,005	0,012	0,174	FALSE
-0,034	0,310	-0,001	0,011	0,047	FALSE
0,029	0,318	0,000	0,007	0,013	FALSE
0,035	0,297	0,001	0,008	0,066	FALSE
0,060	0,305	0,002	0,010	0,091	FALSE
0,044	0,318	0,002	0,013	0,043	FALSE
-0,025	0,315	-0,001	0,013	0,017	FALSE
0,120	0,297	0,002	0,006	0,169	FALSE
0,045	0,304	0,002	0,013	0,055	FALSE
0,008	0,307	0,001	0,007	0,026	FALSE
-0,148	0,302	-0,004	0,007	0,225	FALSE
0,100	0,304	0,002	0,009	0,083	FALSE
0,038	0,300	0,001	0,009	0,058	FALSE
0,113	0,287	0,006	0,012	0,218	FALSE
-0,021	0,303	-0,002	0,013	0,054	FALSE
-0,063	0,316	-0,002	0,007	0,095	FALSE
-0,082	0,317	-0,003	0,008	0,129	FALSE
0,202	0,300	0,008	0,012	0,290	FALSE
-0,052	0,313	-0,002	0,011	0,062	FALSE
0,072	0,299	0,003	0,011	0,095	FALSE
0,007	0,292	0,000	0,009	0,007	FALSE
0,057	0,311	0,001	0,007	0,076	FALSE
-0,035	0,317	-0,001	0,007	0,029	FALSE
0,027	0,316	0,001	0,006	0,037	FALSE
0,016	0,313	0,000	0,008	0,013	FALSE
0,023	0,312	0,001	0,012	0,024	FALSE
0,039	0,303	0,001	0,007	0,048	FALSE
0,006	0,307	0,000	0,008	0,007	FALSE
0,029	0,309	0,002	0,009	0,067	FALSE
0,071	0,301	0,003	0,009	0,128	FALSE
0,052	0,313	0,002	0,013	0,056	FALSE
-0,032	0,305	-0,001	0,012	0,039	FALSE
-0,108	0,308	-0,004	0,011	0,144	FALSE
-0,125	0,317	-0,002	0,007	0,135	FALSE
-0,058	0,302	-0,001	0,008	0,069	FALSE
0,145	0,302	0,003	0,008	0,164	FALSE
-0,094	0,305	-0,003	0,012	0,102	FALSE
0,057	0,309	0,003	0,013	0,082	FALSE
-0,089	0,316	-0,001	0,007	0,081	FALSE
-0,152	0,304	-0,005	0,009	0,220	FALSE
-0,087	0,303	-0,003	0,010	0,125	FALSE
0,017	0,302	0,001	0,008	0,044	FALSE
0,048	0,294	0,001	0,007	0,062	FALSE
0,056	0,310	0,001	0,006	0,080	FALSE
-0,078	0,300	-0,004	0,012	0,132	FALSE
0,041	0,302	0,002	0,012	0,049	FALSE
-0,054	0,314	-0,003	0,013	0,073	FALSE

0,042	0,306	0,001	0,007	0,074	FALSE
0,070	0,311	0,002	0,007	0,086	FALSE
-0,004	0,289	0,000	0,010	0,000	FALSE
-0,002	0,301	0,000	0,008	0,001	FALSE
-0,013	0,305	0,000	0,009	0,007	FALSE
0,101	0,304	0,004	0,011	0,134	FALSE
-0,121	0,300	-0,003	0,007	0,162	FALSE
0,160	0,301	0,003	0,007	0,191	FALSE
0,042	0,310	0,002	0,013	0,064	FALSE
0,113	0,303	0,003	0,007	0,159	FALSE
0,095	0,312	0,002	0,007	0,125	FALSE
-0,093	0,316	-0,004	0,011	0,139	FALSE
-0,005	0,304	0,000	0,006	0,000	FALSE
0,093	0,312	0,003	0,010	0,132	FALSE
-0,103	0,313	-0,002	0,006	0,125	FALSE
0,057	0,301	0,002	0,012	0,052	FALSE
0,016	0,311	0,001	0,011	0,046	FALSE
0,004	0,312	0,001	0,010	0,037	FALSE
-0,002	0,301	0,001	0,011	0,027	FALSE
0,069	0,303	0,002	0,008	0,113	FALSE
0,002	0,304	0,000	0,008	0,006	FALSE
-0,176	0,310	-0,005	0,010	0,214	FALSE
0,115	0,309	0,004	0,010	0,165	FALSE
0,071	0,305	0,002	0,008	0,088	FALSE
-0,061	0,304	-0,002	0,010	0,085	FALSE
0,029	0,313	0,002	0,013	0,045	FALSE
-0,015	0,316	0,000	0,013	0,010	FALSE
0,033	0,299	0,000	0,008	0,018	FALSE
0,024	0,301	0,000	0,010	0,013	FALSE
0,003	0,305	0,000	0,007	0,002	FALSE
-0,013	0,311	0,000	0,007	0,011	FALSE
-0,091	0,314	-0,003	0,010	0,108	FALSE
-0,041	0,302	-0,002	0,007	0,097	FALSE
0,146	0,303	0,007	0,013	0,242	FALSE
-0,066	0,303	-0,002	0,007	0,129	FALSE
-0,045	0,300	-0,002	0,011	0,077	FALSE
0,128	0,300	0,004	0,008	0,182	FALSE
0,096	0,309	0,003	0,010	0,112	FALSE
0,019	0,294	0,000	0,006	0,025	FALSE
-0,019	0,302	0,000	0,013	0,006	FALSE
-0,007	0,306	-0,001	0,013	0,019	FALSE
0,193	0,290	0,007	0,012	0,271	FALSE
-0,084	0,301	-0,003	0,012	0,108	FALSE
-0,135	0,318	-0,006	0,013	0,185	FALSE
0,024	0,292	0,001	0,009	0,030	FALSE
-0,184	0,303	-0,004	0,007	0,250	FALSE
-0,180	0,312	-0,004	0,007	0,239	FALSE
0,017	0,298	0,001	0,011	0,021	FALSE
0,074	0,317	0,002	0,007	0,081	FALSE
0,052	0,307	0,002	0,012	0,073	FALSE
0,005	0,302	0,000	0,013	0,007	FALSE
-0,030	0,297	-0,001	0,010	0,023	FALSE
-0,164	0,312	-0,004	0,008	0,203	FALSE

-0,013	0,314	0,000	0,013	0,009	FALSE
-0,035	0,299	-0,001	0,010	0,027	FALSE
-0,001	0,319	0,000	0,009	0,014	FALSE
0,003	0,293	0,001	0,006	0,034	FALSE
-0,017	0,310	0,000	0,012	0,006	FALSE
0,092	0,308	0,002	0,007	0,115	FALSE
-0,025	0,298	-0,001	0,012	0,036	FALSE
-0,086	0,317	-0,002	0,008	0,115	FALSE
0,045	0,314	0,003	0,013	0,073	FALSE
0,116	0,301	0,005	0,013	0,145	FALSE
0,083	0,311	0,004	0,013	0,123	FALSE
0,000	0,309	0,000	0,012	0,010	FALSE
-0,096	0,320	-0,002	0,007	0,119	FALSE
-0,123	0,310	-0,003	0,008	0,151	FALSE
-0,010	0,301	0,000	0,007	0,005	FALSE
-0,049	0,312	-0,001	0,008	0,035	FALSE
0,039	0,311	0,001	0,006	0,063	FALSE
0,068	0,306	0,001	0,006	0,054	FALSE
0,076	0,307	0,002	0,009	0,067	FALSE
0,007	0,306	0,000	0,009	0,009	FALSE
-0,001	0,313	0,000	0,010	0,010	FALSE
0,057	0,312	0,001	0,007	0,045	FALSE
-0,061	0,328	-0,002	0,010	0,090	FALSE
-0,033	0,293	-0,001	0,009	0,027	FALSE
0,077	0,305	0,003	0,011	0,109	FALSE
-0,006	0,307	0,000	0,013	0,004	FALSE
0,077	0,303	0,002	0,009	0,069	FALSE
-0,045	0,296	-0,001	0,008	0,044	FALSE
0,034	0,299	0,002	0,008	0,072	FALSE
0,018	0,309	0,000	0,009	0,001	FALSE
-0,050	0,310	-0,002	0,008	0,069	FALSE
0,093	0,316	0,004	0,012	0,124	FALSE
0,022	0,315	0,000	0,008	0,011	FALSE
-0,101	0,309	-0,002	0,009	0,099	FALSE
-0,031	0,319	-0,001	0,013	0,034	FALSE
-0,004	0,302	0,000	0,007	0,016	FALSE
0,007	0,314	0,001	0,011	0,022	FALSE
0,013	0,308	0,001	0,010	0,029	FALSE
0,002	0,321	0,000	0,011	0,009	FALSE
0,075	0,318	0,001	0,008	0,064	FALSE
-0,026	0,315	-0,001	0,010	0,023	FALSE
0,176	0,289	0,004	0,007	0,208	FALSE
-0,144	0,280	-0,006	0,011	0,214	FALSE
0,055	0,304	0,002	0,012	0,049	FALSE
0,048	0,310	0,001	0,007	0,042	FALSE
0,025	0,305	0,001	0,013	0,027	FALSE
-0,093	0,304	-0,002	0,008	0,123	FALSE
-0,103	0,314	-0,003	0,012	0,112	FALSE
0,007	0,300	0,001	0,009	0,034	FALSE
0,080	0,307	0,002	0,007	0,136	FALSE
0,092	0,315	0,002	0,009	0,090	FALSE
-0,060	0,315	-0,003	0,010	0,118	FALSE
0,069	0,313	0,003	0,012	0,108	FALSE

-0,070	0,300	-0,002	0,010	0,055	FALSE
0,076	0,310	0,002	0,009	0,065	FALSE
0,154	0,287	0,004	0,008	0,198	FALSE
0,062	0,297	0,001	0,009	0,061	FALSE
-0,067	0,297	-0,002	0,007	0,093	FALSE
-0,149	0,297	-0,005	0,010	0,205	FALSE
-0,088	0,314	-0,002	0,008	0,097	FALSE
0,063	0,297	0,002	0,012	0,053	FALSE
-0,065	0,313	-0,001	0,008	0,065	FALSE
0,112	0,313	0,004	0,011	0,145	FALSE
0,098	0,303	0,003	0,008	0,150	FALSE
0,135	0,287	0,003	0,008	0,178	FALSE
0,113	0,307	0,004	0,009	0,185	FALSE
-0,092	0,299	-0,002	0,008	0,100	FALSE
0,160	0,305	0,007	0,011	0,269	FALSE
-0,105	0,316	-0,003	0,010	0,102	FALSE
-0,066	0,317	-0,002	0,008	0,070	FALSE
-0,114	0,304	-0,005	0,012	0,160	FALSE
0,059	0,309	0,003	0,010	0,116	FALSE
-0,143	0,316	-0,004	0,009	0,162	FALSE
0,010	0,310	0,001	0,013	0,017	FALSE
0,000	0,300	0,000	0,007	0,025	FALSE
0,098	0,309	0,004	0,012	0,138	FALSE
0,018	0,318	0,001	0,013	0,030	FALSE
0,020	0,305	0,001	0,007	0,044	FALSE
0,106	0,309	0,006	0,012	0,185	FALSE
-0,154	0,296	-0,007	0,013	0,252	FALSE
0,035	0,310	0,001	0,006	0,028	FALSE
-0,141	0,299	-0,007	0,012	0,232	FALSE
-0,072	0,305	-0,003	0,009	0,121	FALSE
-0,148	0,309	-0,005	0,009	0,203	FALSE
-0,106	0,298	-0,004	0,012	0,139	FALSE
-0,012	0,297	-0,001	0,008	0,054	FALSE
0,031	0,304	0,000	0,009	0,013	FALSE
-0,076	0,311	-0,003	0,011	0,098	FALSE
0,066	0,304	0,002	0,008	0,082	FALSE
0,116	0,296	0,005	0,011	0,203	FALSE
-0,194	0,292	-0,006	0,009	0,268	FALSE
0,013	0,295	0,001	0,010	0,025	FALSE
0,061	0,300	0,004	0,013	0,130	FALSE
-0,118	0,308	-0,003	0,007	0,161	FALSE
0,123	0,299	0,006	0,012	0,224	FALSE
0,090	0,315	0,005	0,013	0,159	FALSE
0,108	0,307	0,006	0,013	0,203	FALSE
0,078	0,303	0,005	0,013	0,145	FALSE
0,119	0,301	0,007	0,013	0,216	FALSE
0,108	0,295	0,006	0,012	0,191	FALSE
0,122	0,292	0,006	0,012	0,222	FALSE
-0,029	0,306	-0,001	0,009	0,036	FALSE
-0,048	0,312	0,000	0,010	0,012	FALSE
-0,008	0,328	0,000	0,010	0,010	FALSE
-0,129	0,294	-0,002	0,007	0,130	FALSE
-0,029	0,297	-0,002	0,011	0,051	FALSE

-0,006	0,307	-0,001	0,009	0,028	FALSE
-0,066	0,298	-0,001	0,007	0,046	FALSE
-0,066	0,312	-0,002	0,011	0,077	FALSE
-0,044	0,298	-0,001	0,012	0,016	FALSE
-0,016	0,296	0,000	0,009	0,018	FALSE
0,084	0,302	0,002	0,008	0,087	FALSE
0,060	0,308	0,002	0,009	0,085	FALSE
-0,074	0,310	-0,002	0,007	0,089	FALSE
0,083	0,303	0,003	0,010	0,126	FALSE
-0,099	0,301	-0,002	0,006	0,103	FALSE
-0,074	0,306	-0,001	0,006	0,076	FALSE
0,008	0,288	0,001	0,009	0,026	FALSE
-0,072	0,306	-0,001	0,006	0,075	FALSE
-0,062	0,318	-0,002	0,010	0,075	FALSE
-0,014	0,297	-0,001	0,011	0,037	FALSE
-0,033	0,298	-0,002	0,012	0,054	FALSE
-0,020	0,317	0,000	0,010	0,007	FALSE
0,069	0,312	0,002	0,007	0,094	FALSE
0,043	0,316	0,001	0,007	0,056	FALSE
0,062	0,302	0,002	0,012	0,066	FALSE
0,049	0,298	0,001	0,007	0,040	FALSE
0,004	0,300	-0,001	0,011	0,028	FALSE
0,112	0,315	0,003	0,010	0,131	FALSE
-0,083	0,317	-0,004	0,013	0,121	FALSE
-0,035	0,310	0,000	0,009	0,004	FALSE
0,081	0,306	0,003	0,010	0,105	FALSE
0,065	0,298	0,001	0,007	0,066	FALSE
-0,104	0,307	-0,005	0,012	0,171	FALSE
-0,084	0,300	-0,002	0,006	0,107	FALSE
-0,133	0,316	-0,003	0,007	0,141	FALSE
-0,026	0,305	0,000	0,007	0,012	FALSE
-0,056	0,320	-0,001	0,006	0,042	FALSE
-0,013	0,309	-0,001	0,011	0,041	FALSE
0,112	0,312	0,003	0,007	0,170	FALSE
-0,006	0,319	-0,001	0,011	0,041	FALSE
0,035	0,295	0,000	0,009	0,014	FALSE
-0,081	0,296	-0,004	0,010	0,167	FALSE
-0,066	0,289	-0,001	0,010	0,038	FALSE
-0,007	0,309	-0,001	0,011	0,021	FALSE
0,019	0,304	0,000	0,007	0,010	FALSE
0,058	0,308	0,002	0,009	0,094	FALSE
0,078	0,313	0,001	0,007	0,068	FALSE
0,081	0,313	0,003	0,012	0,092	FALSE
0,042	0,318	0,002	0,012	0,051	FALSE
0,035	0,299	0,002	0,010	0,068	FALSE
0,082	0,316	0,004	0,013	0,111	FALSE
-0,014	0,315	0,000	0,007	0,018	FALSE
-0,011	0,308	0,000	0,006	0,014	FALSE
-0,026	0,309	-0,001	0,006	0,030	FALSE
-0,022	0,310	0,000	0,012	0,001	FALSE
-0,026	0,310	0,000	0,012	0,012	FALSE
-0,013	0,305	0,000	0,012	0,006	FALSE
-0,076	0,307	-0,002	0,009	0,078	FALSE

-0,064	0,322	-0,001	0,007	0,063	FALSE
0,003	0,309	0,000	0,008	0,011	FALSE
0,003	0,298	0,000	0,010	0,003	FALSE
-0,113	0,298	-0,002	0,007	0,128	FALSE
-0,134	0,307	-0,003	0,008	0,154	FALSE
-0,123	0,295	-0,003	0,007	0,136	FALSE
-0,093	0,305	-0,002	0,008	0,091	FALSE
-0,006	0,309	0,000	0,012	0,012	FALSE
0,069	0,314	0,001	0,007	0,075	FALSE
0,014	0,312	0,001	0,008	0,021	FALSE
0,025	0,302	0,000	0,006	0,007	FALSE
-0,034	0,310	-0,001	0,008	0,040	FALSE
0,103	0,299	0,004	0,012	0,140	FALSE
-0,003	0,294	0,000	0,011	0,010	FALSE
0,045	0,304	0,001	0,010	0,042	FALSE
0,033	0,303	0,001	0,011	0,030	FALSE
0,071	0,320	0,002	0,010	0,058	FALSE
-0,023	0,315	0,000	0,006	0,027	FALSE
-0,035	0,309	-0,001	0,006	0,035	FALSE
-0,085	0,310	-0,003	0,009	0,125	FALSE
-0,086	0,318	-0,003	0,009	0,122	FALSE
0,049	0,311	0,001	0,010	0,055	FALSE
0,063	0,305	0,003	0,010	0,115	FALSE
0,019	0,310	0,001	0,011	0,020	FALSE
0,047	0,302	0,002	0,012	0,055	FALSE
0,048	0,313	0,002	0,012	0,045	FALSE
0,000	0,294	0,000	0,013	0,001	FALSE
0,014	0,312	0,000	0,010	0,012	FALSE
-0,090	0,305	-0,002	0,008	0,107	FALSE
0,053	0,314	0,002	0,012	0,074	FALSE
0,046	0,319	0,002	0,012	0,047	FALSE
0,048	0,306	0,001	0,011	0,043	FALSE
-0,023	0,313	-0,001	0,011	0,029	FALSE
-0,130	0,291	-0,004	0,009	0,170	FALSE
-0,101	0,310	-0,002	0,008	0,116	FALSE
-0,003	0,314	0,000	0,013	0,000	FALSE
-0,065	0,310	-0,002	0,009	0,093	FALSE
-0,004	0,308	0,000	0,013	0,011	FALSE
0,074	0,300	0,003	0,013	0,087	FALSE
0,031	0,292	0,001	0,011	0,028	FALSE
0,012	0,316	0,001	0,008	0,029	FALSE
0,007	0,303	0,001	0,011	0,016	FALSE
0,003	0,307	0,000	0,010	0,001	FALSE
-0,006	0,310	-0,001	0,009	0,026	FALSE
-0,023	0,303	-0,001	0,009	0,040	FALSE
-0,018	0,309	0,000	0,010	0,006	FALSE
-0,098	0,310	-0,004	0,010	0,151	FALSE
-0,125	0,303	-0,006	0,011	0,221	FALSE
-0,094	0,311	-0,005	0,013	0,148	FALSE
-0,076	0,318	-0,003	0,011	0,106	FALSE
0,119	0,303	0,003	0,008	0,164	FALSE
-0,005	0,308	-0,001	0,012	0,028	FALSE
-0,047	0,301	-0,002	0,009	0,062	FALSE

-0,044	0,312	-0,001	0,009	0,055	FALSE
0,041	0,307	0,001	0,009	0,033	FALSE
0,069	0,321	0,002	0,009	0,083	FALSE
0,186	0,282	0,005	0,008	0,286	FALSE
0,042	0,309	0,001	0,007	0,050	FALSE
0,040	0,297	0,002	0,010	0,071	FALSE
0,083	0,315	0,003	0,013	0,076	FALSE
-0,015	0,311	0,000	0,010	0,015	FALSE
-0,104	0,308	-0,003	0,009	0,117	FALSE
0,053	0,309	0,002	0,013	0,072	FALSE
0,101	0,308	0,002	0,007	0,104	FALSE
-0,057	0,305	-0,001	0,009	0,061	FALSE
0,002	0,322	0,000	0,012	0,006	FALSE
-0,074	0,313	-0,002	0,007	0,115	FALSE
0,026	0,304	0,001	0,007	0,029	FALSE
0,052	0,305	0,002	0,012	0,051	FALSE
-0,031	0,314	-0,001	0,008	0,054	FALSE
-0,018	0,326	0,000	0,007	0,005	FALSE
-0,057	0,317	-0,002	0,010	0,066	FALSE
0,042	0,299	0,001	0,011	0,035	FALSE
-0,022	0,316	-0,001	0,007	0,047	FALSE
0,041	0,295	0,001	0,012	0,035	FALSE
0,003	0,294	0,001	0,011	0,037	FALSE
0,070	0,299	0,004	0,012	0,118	FALSE
0,038	0,323	0,001	0,010	0,047	FALSE
0,006	0,293	-0,001	0,011	0,040	FALSE
-0,009	0,295	-0,002	0,012	0,062	FALSE
-0,003	0,292	-0,002	0,012	0,062	FALSE
0,010	0,298	-0,001	0,012	0,044	FALSE
0,069	0,308	0,002	0,007	0,115	FALSE
0,155	0,300	0,006	0,012	0,229	FALSE
-0,035	0,290	-0,001	0,011	0,029	FALSE
0,008	0,309	0,000	0,013	0,003	FALSE
0,053	0,301	0,002	0,012	0,065	FALSE
0,059	0,306	0,001	0,007	0,066	FALSE
-0,038	0,299	-0,001	0,012	0,039	FALSE
-0,020	0,304	0,000	0,007	0,015	FALSE
0,020	0,308	0,000	0,012	0,005	FALSE
0,094	0,314	0,002	0,008	0,109	FALSE
0,067	0,301	0,004	0,009	0,166	FALSE
-0,005	0,312	0,000	0,007	0,020	FALSE
0,193	0,302	0,009	0,013	0,305	FALSE
-0,020	0,303	0,000	0,009	0,008	FALSE
0,015	0,306	0,001	0,007	0,052	FALSE
0,078	0,303	0,003	0,012	0,105	FALSE
-0,203	0,292	-0,009	0,013	0,313	FALSE
0,100	0,305	0,004	0,012	0,140	FALSE
0,082	0,303	0,002	0,008	0,120	FALSE
0,042	0,312	0,001	0,006	0,078	FALSE
-0,069	0,306	-0,003	0,013	0,098	FALSE
0,093	0,309	0,002	0,007	0,136	FALSE
0,011	0,320	0,000	0,008	0,012	FALSE
-0,101	0,308	-0,004	0,010	0,160	FALSE

0,038	0,312	0,002	0,012	0,066	FALSE
-0,142	0,292	-0,006	0,013	0,204	FALSE
-0,176	0,317	-0,004	0,008	0,222	FALSE
-0,006	0,308	0,001	0,007	0,037	FALSE
-0,069	0,315	-0,004	0,013	0,128	FALSE
0,096	0,300	0,003	0,008	0,139	FALSE
0,000	0,318	0,000	0,010	0,017	FALSE
0,026	0,314	0,001	0,007	0,049	FALSE
0,057	0,321	0,003	0,013	0,080	FALSE
-0,017	0,306	0,000	0,008	0,001	FALSE
0,038	0,302	0,001	0,006	0,043	FALSE
-0,032	0,316	-0,001	0,011	0,037	FALSE
0,005	0,307	0,000	0,008	0,015	FALSE
0,007	0,310	0,000	0,008	0,014	FALSE
-0,017	0,291	-0,001	0,007	0,042	FALSE
0,013	0,302	0,000	0,006	0,019	FALSE
0,046	0,310	0,001	0,007	0,048	FALSE
-0,041	0,323	-0,001	0,011	0,033	FALSE
0,101	0,326	0,002	0,007	0,125	FALSE
-0,043	0,306	-0,001	0,008	0,071	FALSE
-0,009	0,312	0,000	0,008	0,016	FALSE
0,064	0,297	0,002	0,008	0,086	FALSE
0,005	0,320	-0,001	0,013	0,019	FALSE
-0,033	0,308	-0,001	0,010	0,040	FALSE
0,028	0,307	0,000	0,008	0,008	FALSE
0,069	0,301	0,002	0,009	0,092	FALSE
-0,047	0,307	-0,002	0,013	0,065	FALSE
-0,104	0,302	-0,002	0,007	0,120	FALSE
0,002	0,322	0,000	0,007	0,016	FALSE
-0,064	0,307	-0,001	0,006	0,082	FALSE
0,090	0,301	0,002	0,006	0,098	FALSE
0,114	0,299	0,003	0,008	0,127	FALSE
0,081	0,303	0,003	0,009	0,110	FALSE
-0,092	0,311	-0,002	0,007	0,101	FALSE
-0,112	0,314	-0,004	0,010	0,144	FALSE
0,031	0,303	0,001	0,009	0,028	FALSE
0,110	0,317	0,003	0,007	0,147	FALSE
-0,073	0,307	-0,003	0,011	0,102	FALSE
0,022	0,303	0,001	0,008	0,033	FALSE
0,008	0,335	0,000	0,013	0,009	FALSE
-0,070	0,315	-0,002	0,012	0,073	FALSE
0,032	0,302	0,001	0,009	0,049	FALSE
-0,074	0,311	-0,002	0,007	0,087	FALSE
0,064	0,312	0,002	0,012	0,075	FALSE
-0,131	0,303	-0,004	0,012	0,152	FALSE
0,009	0,320	-0,001	0,013	0,019	FALSE
0,040	0,314	0,002	0,011	0,054	FALSE
-0,074	0,306	-0,002	0,011	0,068	FALSE
-0,067	0,314	-0,001	0,007	0,071	FALSE
-0,014	0,307	0,000	0,007	0,007	FALSE
0,061	0,297	0,002	0,008	0,097	FALSE
0,014	0,312	0,000	0,007	0,020	FALSE
-0,018	0,321	0,000	0,008	0,021	FALSE

-0,024	0,310	0,000	0,007	0,008	FALSE
0,013	0,307	0,000	0,007	0,024	FALSE
-0,029	0,297	-0,001	0,011	0,021	FALSE
0,030	0,297	0,000	0,010	0,005	FALSE
-0,028	0,313	0,000	0,010	0,014	FALSE
-0,014	0,320	0,000	0,007	0,012	FALSE
-0,059	0,315	-0,001	0,010	0,047	FALSE
-0,021	0,304	0,000	0,009	0,000	FALSE
0,176	0,304	0,004	0,008	0,200	FALSE
0,020	0,309	0,001	0,013	0,032	FALSE
0,053	0,310	0,002	0,013	0,049	FALSE
0,070	0,308	0,003	0,012	0,077	FALSE
-0,001	0,305	-0,001	0,011	0,023	FALSE
0,076	0,300	0,002	0,009	0,093	FALSE
-0,045	0,311	-0,001	0,008	0,049	FALSE
-0,058	0,309	-0,001	0,012	0,038	FALSE
-0,014	0,302	0,000	0,010	0,009	FALSE
0,010	0,310	0,000	0,011	0,004	FALSE
-0,010	0,320	-0,002	0,012	0,051	FALSE
-0,127	0,304	-0,004	0,013	0,122	FALSE
0,054	0,300	0,001	0,011	0,021	FALSE
-0,060	0,297	-0,001	0,010	0,044	FALSE
0,098	0,303	0,002	0,007	0,103	FALSE
0,067	0,307	0,001	0,007	0,064	FALSE
-0,025	0,308	-0,001	0,012	0,016	FALSE
0,004	0,301	-0,001	0,008	0,029	FALSE
-0,002	0,311	0,000	0,007	0,014	FALSE
-0,016	0,309	0,000	0,009	0,017	FALSE
0,023	0,310	0,001	0,009	0,048	FALSE
0,034	0,292	0,001	0,009	0,053	FALSE
0,013	0,305	0,001	0,010	0,026	FALSE
0,027	0,307	0,001	0,010	0,051	FALSE
0,026	0,318	0,001	0,010	0,048	FALSE
-0,020	0,309	0,000	0,006	0,001	FALSE
0,012	0,305	0,000	0,010	0,004	FALSE
-0,009	0,315	0,000	0,007	0,006	FALSE
-0,025	0,303	-0,002	0,012	0,049	FALSE
0,001	0,320	0,000	0,007	0,001	FALSE
0,011	0,300	0,000	0,012	0,014	FALSE
-0,046	0,296	-0,002	0,011	0,061	FALSE
0,030	0,311	0,001	0,008	0,038	FALSE
-0,054	0,298	-0,001	0,010	0,036	FALSE
-0,070	0,317	-0,001	0,006	0,073	FALSE
-0,083	0,308	-0,003	0,012	0,112	FALSE
0,186	0,289	0,005	0,009	0,253	FALSE
0,084	0,325	0,003	0,013	0,081	FALSE
0,095	0,314	0,004	0,013	0,111	FALSE
0,010	0,328	0,000	0,013	0,009	FALSE
-0,013	0,317	-0,001	0,012	0,026	FALSE
0,005	0,313	0,000	0,012	0,014	FALSE
0,006	0,309	-0,001	0,012	0,020	FALSE
-0,001	0,309	0,000	0,009	0,019	FALSE
0,059	0,312	0,001	0,007	0,079	FALSE

0,023	0,317	0,000	0,007	0,022	FALSE
0,003	0,306	0,000	0,011	0,003	FALSE
0,025	0,305	0,001	0,013	0,037	FALSE
0,027	0,320	0,001	0,013	0,025	FALSE
-0,052	0,309	-0,001	0,007	0,058	FALSE
-0,053	0,302	-0,001	0,009	0,056	FALSE
0,025	0,303	0,001	0,013	0,024	FALSE
-0,010	0,312	-0,002	0,012	0,051	FALSE
0,040	0,317	0,001	0,008	0,035	FALSE
0,034	0,314	0,001	0,010	0,021	FALSE
-0,009	0,301	0,000	0,009	0,014	FALSE
-0,041	0,309	-0,001	0,007	0,044	FALSE
0,060	0,304	0,001	0,006	0,058	FALSE
-0,169	0,308	-0,004	0,007	0,223	FALSE
-0,092	0,315	-0,003	0,008	0,126	FALSE
0,060	0,324	0,002	0,011	0,069	FALSE
0,150	0,299	0,003	0,006	0,204	FALSE
-0,020	0,306	0,000	0,010	0,013	FALSE
-0,069	0,300	-0,003	0,010	0,097	FALSE
-0,024	0,318	-0,002	0,011	0,055	FALSE
-0,011	0,312	0,000	0,007	0,017	FALSE
0,020	0,321	0,000	0,010	0,017	FALSE
0,008	0,298	0,000	0,006	0,001	FALSE
0,028	0,306	0,001	0,009	0,027	FALSE
-0,049	0,311	-0,001	0,008	0,066	FALSE
-0,079	0,316	-0,001	0,007	0,064	FALSE
0,071	0,309	0,002	0,011	0,084	FALSE
0,018	0,306	0,001	0,012	0,042	FALSE
-0,096	0,309	-0,002	0,006	0,103	FALSE
0,092	0,302	0,003	0,011	0,097	FALSE
-0,156	0,301	-0,004	0,007	0,240	FALSE
-0,106	0,298	-0,003	0,008	0,153	FALSE
0,028	0,311	0,000	0,012	0,000	FALSE
0,025	0,310	0,000	0,012	0,000	FALSE
-0,001	0,300	-0,001	0,011	0,036	FALSE
0,071	0,317	0,002	0,012	0,074	FALSE
-0,016	0,310	-0,001	0,012	0,016	FALSE
0,028	0,307	0,002	0,010	0,064	FALSE
0,067	0,304	0,002	0,009	0,077	FALSE
-0,008	0,294	0,001	0,011	0,042	FALSE
-0,056	0,304	-0,002	0,011	0,067	FALSE
-0,186	0,305	-0,008	0,012	0,273	FALSE
-0,147	0,306	-0,006	0,011	0,208	FALSE
0,005	0,317	0,000	0,006	0,017	FALSE
0,026	0,320	0,001	0,010	0,021	FALSE
-0,008	0,304	0,000	0,010	0,007	FALSE
0,123	0,301	0,005	0,012	0,172	FALSE
0,043	0,305	0,001	0,007	0,070	FALSE
-0,004	0,315	0,000	0,007	0,014	FALSE
-0,013	0,308	0,000	0,008	0,011	FALSE
0,046	0,292	0,001	0,007	0,071	FALSE
-0,115	0,308	-0,005	0,012	0,147	FALSE
0,152	0,305	0,005	0,010	0,191	FALSE

-0,014	0,308	0,000	0,012	0,013	FALSE
-0,023	0,308	0,000	0,007	0,004	FALSE
-0,008	0,309	0,001	0,010	0,023	FALSE
-0,095	0,309	-0,003	0,009	0,125	FALSE
0,023	0,314	0,000	0,013	0,013	FALSE
0,085	0,298	0,002	0,010	0,091	FALSE
-0,013	0,301	-0,001	0,013	0,034	FALSE
-0,156	0,305	-0,008	0,013	0,255	FALSE
-0,151	0,297	-0,004	0,007	0,215	FALSE
-0,157	0,298	-0,004	0,007	0,236	FALSE
-0,035	0,315	-0,001	0,009	0,055	FALSE
-0,013	0,294	-0,001	0,010	0,025	FALSE
0,124	0,304	0,003	0,007	0,173	FALSE
-0,040	0,305	-0,002	0,010	0,054	FALSE
-0,037	0,307	-0,001	0,010	0,043	FALSE
-0,003	0,314	0,000	0,011	0,012	FALSE
0,094	0,314	0,003	0,008	0,130	FALSE
0,126	0,317	0,005	0,011	0,189	FALSE
-0,051	0,310	-0,002	0,010	0,056	FALSE
0,057	0,303	0,002	0,013	0,058	FALSE
-0,023	0,296	-0,001	0,010	0,019	FALSE
-0,070	0,314	-0,003	0,010	0,114	FALSE
0,018	0,307	0,000	0,008	0,001	FALSE
0,050	0,320	0,002	0,008	0,089	FALSE
0,064	0,302	0,002	0,011	0,057	FALSE
0,003	0,309	0,000	0,009	0,018	FALSE
-0,009	0,318	0,000	0,009	0,007	FALSE
-0,003	0,309	0,000	0,009	0,007	FALSE
0,043	0,299	0,002	0,013	0,072	FALSE
-0,019	0,303	0,000	0,007	0,024	FALSE
0,106	0,301	0,002	0,007	0,112	FALSE
0,025	0,315	0,000	0,007	0,010	FALSE
-0,069	0,313	-0,001	0,008	0,069	FALSE
0,030	0,323	0,000	0,007	0,012	FALSE
-0,029	0,312	0,000	0,009	0,010	FALSE
0,127	0,296	0,003	0,008	0,173	FALSE
0,025	0,304	0,000	0,009	0,013	FALSE
0,091	0,298	0,003	0,010	0,126	FALSE
0,099	0,326	0,003	0,009	0,119	FALSE
0,178	0,289	0,007	0,011	0,266	FALSE
0,004	0,297	0,001	0,010	0,023	FALSE
-0,019	0,286	0,000	0,009	0,002	FALSE
-0,071	0,292	-0,002	0,008	0,095	FALSE
-0,016	0,300	0,000	0,009	0,000	FALSE
0,082	0,303	0,003	0,013	0,093	FALSE
-0,089	0,289	-0,002	0,012	0,075	FALSE
-0,035	0,310	-0,001	0,008	0,065	FALSE
-0,065	0,307	-0,002	0,010	0,070	FALSE
-0,048	0,307	-0,001	0,010	0,038	FALSE
-0,045	0,318	-0,001	0,010	0,046	FALSE
-0,017	0,302	0,000	0,007	0,007	FALSE
-0,068	0,296	-0,002	0,008	0,076	FALSE
0,017	0,297	0,001	0,007	0,027	FALSE

-0,014	0,316	0,000	0,010	0,008	FALSE
0,008	0,298	0,000	0,009	0,017	FALSE
-0,141	0,298	-0,006	0,011	0,207	FALSE
-0,120	0,315	-0,004	0,013	0,141	FALSE
-0,002	0,315	0,000	0,008	0,021	FALSE
-0,115	0,320	-0,004	0,010	0,147	FALSE
-0,166	0,313	-0,004	0,007	0,232	FALSE
-0,019	0,298	-0,001	0,012	0,041	FALSE
-0,066	0,319	-0,002	0,009	0,069	FALSE
-0,058	0,298	-0,002	0,009	0,077	FALSE
-0,107	0,303	-0,004	0,012	0,142	FALSE
-0,026	0,299	-0,001	0,010	0,028	FALSE
0,098	0,295	0,003	0,007	0,203	FALSE
-0,110	0,304	-0,005	0,012	0,168	FALSE
-0,097	0,304	-0,002	0,007	0,098	FALSE
-0,143	0,310	-0,003	0,006	0,177	FALSE
-0,092	0,297	-0,004	0,012	0,139	FALSE
0,018	0,315	0,000	0,007	0,015	FALSE
-0,178	0,300	-0,008	0,013	0,283	FALSE
0,026	0,311	0,001	0,009	0,053	FALSE
0,028	0,304	0,001	0,010	0,039	FALSE
0,000	0,319	0,000	0,009	0,001	FALSE
-0,089	0,298	-0,003	0,009	0,141	FALSE
0,023	0,300	0,001	0,013	0,018	FALSE
0,068	0,313	0,003	0,012	0,090	FALSE
-0,115	0,306	-0,003	0,007	0,144	FALSE
0,041	0,292	0,002	0,008	0,074	FALSE
0,038	0,316	0,002	0,012	0,053	FALSE
0,159	0,311	0,004	0,008	0,194	FALSE
-0,021	0,309	0,000	0,007	0,020	FALSE
0,071	0,300	0,003	0,009	0,120	FALSE
-0,106	0,314	-0,003	0,009	0,144	FALSE
-0,086	0,299	-0,004	0,012	0,137	FALSE
0,017	0,321	0,000	0,009	0,006	FALSE
-0,076	0,314	-0,002	0,010	0,069	FALSE
0,069	0,309	0,003	0,013	0,086	FALSE
0,024	0,302	0,000	0,007	0,021	FALSE
0,038	0,308	0,000	0,007	0,020	FALSE
0,146	0,292	0,004	0,009	0,204	FALSE
0,056	0,307	0,002	0,008	0,067	FALSE
0,085	0,299	0,002	0,009	0,076	FALSE
0,064	0,314	0,001	0,007	0,075	FALSE
-0,074	0,305	-0,002	0,008	0,072	FALSE
-0,031	0,319	-0,001	0,013	0,016	FALSE
-0,101	0,316	-0,004	0,010	0,138	FALSE
0,033	0,308	0,001	0,010	0,020	FALSE
-0,045	0,301	-0,001	0,010	0,037	FALSE
-0,011	0,335	0,000	0,007	0,023	FALSE
-0,055	0,313	-0,001	0,007	0,051	FALSE
-0,111	0,315	-0,004	0,011	0,128	FALSE
-0,064	0,320	-0,003	0,013	0,078	FALSE
0,039	0,294	0,001	0,010	0,031	FALSE
0,035	0,314	0,001	0,007	0,064	FALSE

0,033	0,297	0,001	0,008	0,031	FALSE
0,130	0,297	0,006	0,012	0,198	FALSE
0,092	0,307	0,002	0,006	0,138	FALSE
0,031	0,302	0,001	0,007	0,026	FALSE
0,101	0,303	0,002	0,009	0,104	FALSE
-0,004	0,311	0,000	0,013	0,009	FALSE
0,087	0,302	0,003	0,008	0,149	FALSE
0,016	0,304	0,000	0,013	0,001	FALSE
-0,039	0,302	-0,001	0,007	0,029	FALSE
0,021	0,305	0,002	0,012	0,049	FALSE
0,039	0,314	0,002	0,012	0,063	FALSE
-0,022	0,289	-0,001	0,009	0,029	FALSE
-0,089	0,316	-0,002	0,008	0,113	FALSE
0,073	0,310	0,001	0,008	0,072	FALSE
0,074	0,310	0,003	0,011	0,115	FALSE
-0,067	0,305	-0,002	0,009	0,100	FALSE
0,086	0,305	0,003	0,010	0,135	FALSE
-0,071	0,309	-0,004	0,013	0,122	FALSE
-0,049	0,306	-0,003	0,012	0,089	FALSE
0,000	0,300	0,001	0,010	0,051	FALSE
0,007	0,310	0,001	0,012	0,032	FALSE
0,008	0,304	-0,001	0,012	0,019	FALSE
0,066	0,294	0,002	0,008	0,101	FALSE
0,027	0,307	0,001	0,008	0,034	FALSE
-0,083	0,313	-0,002	0,008	0,105	FALSE
0,023	0,309	0,001	0,007	0,058	FALSE
0,070	0,311	0,003	0,011	0,105	FALSE
-0,001	0,315	0,000	0,006	0,024	FALSE
-0,022	0,298	-0,002	0,012	0,050	FALSE
0,101	0,297	0,003	0,012	0,107	FALSE
-0,112	0,318	-0,003	0,010	0,121	FALSE
0,183	0,294	0,004	0,007	0,287	FALSE
0,156	0,303	0,003	0,007	0,203	FALSE
0,003	0,299	0,001	0,007	0,029	FALSE
0,030	0,325	0,001	0,008	0,043	FALSE
-0,028	0,313	-0,001	0,006	0,039	FALSE
-0,071	0,310	-0,003	0,012	0,097	FALSE
-0,199	0,294	-0,007	0,010	0,352	FALSE
-0,164	0,309	-0,004	0,008	0,241	FALSE
0,009	0,317	0,000	0,011	0,001	FALSE
0,039	0,305	0,001	0,007	0,046	FALSE
-0,053	0,321	-0,001	0,010	0,036	FALSE
-0,058	0,308	-0,002	0,011	0,070	FALSE
0,083	0,302	0,003	0,011	0,118	FALSE
-0,083	0,309	-0,002	0,008	0,105	FALSE
0,078	0,324	0,003	0,010	0,111	FALSE
-0,090	0,306	-0,002	0,007	0,133	FALSE
-0,092	0,311	-0,003	0,008	0,141	FALSE
0,157	0,316	0,003	0,006	0,186	FALSE
0,099	0,317	0,003	0,009	0,145	FALSE
0,052	0,295	0,001	0,007	0,054	FALSE
-0,091	0,307	-0,002	0,006	0,101	FALSE
0,065	0,310	0,003	0,011	0,090	FALSE

-0,069	0,304	-0,001	0,007	0,082	FALSE
0,069	0,302	0,002	0,012	0,057	FALSE
-0,077	0,306	-0,002	0,009	0,084	FALSE
-0,089	0,315	-0,004	0,013	0,133	FALSE
-0,037	0,301	-0,001	0,006	0,037	FALSE
-0,061	0,308	-0,001	0,007	0,066	FALSE
0,024	0,327	0,000	0,013	0,001	FALSE
0,058	0,306	0,002	0,011	0,053	FALSE
0,023	0,306	0,000	0,012	0,001	FALSE
0,071	0,307	0,003	0,013	0,106	FALSE
-0,089	0,319	-0,003	0,011	0,101	FALSE
0,067	0,311	0,003	0,013	0,081	FALSE
-0,023	0,320	0,000	0,013	0,013	FALSE
0,109	0,308	0,003	0,009	0,135	FALSE
0,123	0,315	0,004	0,010	0,140	FALSE
0,048	0,302	0,002	0,010	0,068	FALSE
0,144	0,295	0,005	0,010	0,234	FALSE
0,154	0,299	0,005	0,009	0,224	FALSE
-0,032	0,308	-0,002	0,012	0,065	FALSE
0,001	0,306	-0,001	0,013	0,034	FALSE
-0,015	0,302	0,000	0,008	0,022	FALSE
0,077	0,311	0,002	0,007	0,111	FALSE
-0,130	0,302	-0,006	0,012	0,207	FALSE
-0,075	0,300	-0,003	0,011	0,109	FALSE
0,000	0,309	0,000	0,008	0,009	FALSE
0,018	0,302	0,000	0,010	0,003	FALSE
0,100	0,316	0,005	0,011	0,171	FALSE
0,074	0,307	0,002	0,006	0,092	FALSE
0,046	0,307	0,002	0,011	0,062	FALSE
-0,061	0,305	-0,002	0,008	0,080	FALSE
-0,076	0,303	-0,003	0,012	0,099	FALSE
-0,025	0,316	0,000	0,012	0,009	FALSE
-0,002	0,317	0,000	0,010	0,010	FALSE
0,076	0,303	0,002	0,006	0,104	FALSE
0,123	0,311	0,003	0,007	0,155	FALSE
-0,089	0,301	-0,002	0,010	0,090	FALSE
-0,060	0,307	-0,001	0,009	0,032	FALSE
0,143	0,307	0,005	0,011	0,173	FALSE
0,022	0,315	0,000	0,008	0,007	FALSE
0,029	0,311	0,000	0,008	0,012	FALSE
-0,078	0,319	-0,003	0,012	0,099	FALSE
0,116	0,302	0,003	0,008	0,154	FALSE
0,127	0,324	0,004	0,009	0,161	FALSE
-0,084	0,310	-0,002	0,009	0,106	FALSE
0,086	0,298	0,004	0,009	0,164	FALSE
0,050	0,297	0,002	0,007	0,102	FALSE
-0,062	0,305	-0,002	0,007	0,096	FALSE
-0,081	0,313	-0,002	0,011	0,065	FALSE
-0,121	0,296	-0,005	0,011	0,170	FALSE
0,028	0,300	0,001	0,008	0,035	FALSE
-0,053	0,318	-0,001	0,010	0,035	FALSE
0,016	0,302	-0,001	0,013	0,017	FALSE
0,039	0,291	0,001	0,007	0,054	FALSE

0,080	0,302	0,001	0,007	0,057	FALSE
0,072	0,296	0,001	0,007	0,042	FALSE
0,105	0,301	0,002	0,007	0,094	FALSE
0,085	0,299	0,001	0,007	0,073	FALSE
0,024	0,296	0,000	0,008	0,001	FALSE
0,092	0,311	0,002	0,007	0,134	FALSE
0,012	0,306	0,000	0,009	0,002	FALSE
-0,081	0,305	-0,002	0,011	0,066	FALSE
-0,020	0,318	0,000	0,013	0,003	FALSE
-0,065	0,314	-0,004	0,013	0,113	FALSE
-0,043	0,311	-0,002	0,012	0,068	FALSE
0,017	0,306	0,001	0,013	0,015	FALSE
0,023	0,331	0,000	0,007	0,020	FALSE
0,007	0,314	-0,001	0,012	0,030	FALSE
0,079	0,312	0,003	0,012	0,083	FALSE
-0,083	0,303	-0,003	0,011	0,095	FALSE
0,062	0,310	0,002	0,008	0,089	FALSE
0,067	0,319	0,003	0,012	0,088	FALSE
0,068	0,304	0,002	0,011	0,075	FALSE
-0,034	0,327	-0,002	0,013	0,044	FALSE
-0,003	0,312	0,000	0,008	0,012	FALSE
0,027	0,297	0,000	0,009	0,019	FALSE
0,042	0,309	0,001	0,008	0,068	FALSE
0,018	0,305	0,000	0,011	0,004	FALSE
0,017	0,301	0,000	0,007	0,018	FALSE
0,044	0,306	0,001	0,010	0,047	FALSE
-0,012	0,328	0,000	0,007	0,005	FALSE
-0,012	0,308	0,000	0,006	0,009	FALSE
-0,031	0,306	-0,001	0,009	0,040	FALSE
0,140	0,304	0,003	0,007	0,199	FALSE
-0,068	0,306	-0,002	0,008	0,090	FALSE
0,042	0,323	0,002	0,011	0,065	FALSE
-0,117	0,300	-0,004	0,009	0,184	FALSE
0,055	0,306	0,001	0,008	0,064	FALSE
0,045	0,314	0,002	0,008	0,077	FALSE
0,010	0,305	0,001	0,009	0,027	FALSE
-0,080	0,313	-0,003	0,008	0,130	FALSE
-0,135	0,308	-0,005	0,012	0,185	FALSE
0,103	0,288	0,002	0,006	0,141	FALSE
-0,034	0,307	-0,001	0,008	0,040	FALSE
0,055	0,298	0,003	0,011	0,093	FALSE
-0,048	0,303	-0,001	0,008	0,068	FALSE
0,082	0,316	0,003	0,010	0,122	FALSE
-0,024	0,322	0,000	0,007	0,013	FALSE
-0,022	0,312	-0,001	0,010	0,026	FALSE
0,041	0,293	0,001	0,012	0,018	FALSE
0,021	0,304	0,001	0,013	0,025	FALSE
0,084	0,308	0,002	0,008	0,097	FALSE
0,062	0,307	0,001	0,007	0,065	FALSE
0,001	0,295	0,000	0,006	0,027	FALSE
0,000	0,303	0,000	0,012	0,005	FALSE
-0,059	0,321	-0,001	0,008	0,059	FALSE
-0,017	0,318	-0,001	0,012	0,016	FALSE

0,189	0,296	0,005	0,007	0,302	FALSE
0,067	0,307	0,003	0,009	0,127	FALSE
0,004	0,316	0,001	0,010	0,033	FALSE
0,000	0,302	0,000	0,006	0,018	FALSE
-0,040	0,304	-0,001	0,009	0,030	FALSE
-0,004	0,311	0,000	0,008	0,003	FALSE
-0,142	0,303	-0,006	0,010	0,230	FALSE
-0,151	0,311	-0,007	0,012	0,262	FALSE
-0,043	0,322	-0,003	0,012	0,087	FALSE
0,118	0,312	0,004	0,012	0,138	FALSE
-0,015	0,309	-0,001	0,010	0,045	FALSE
-0,078	0,311	-0,003	0,010	0,134	FALSE
-0,133	0,310	-0,006	0,013	0,184	FALSE
-0,013	0,319	0,000	0,009	0,018	FALSE
0,025	0,315	0,000	0,012	0,010	FALSE
-0,023	0,307	-0,001	0,011	0,016	FALSE
0,046	0,301	0,002	0,013	0,065	FALSE
-0,034	0,301	-0,001	0,012	0,040	FALSE
-0,015	0,311	0,000	0,010	0,008	FALSE
-0,092	0,305	-0,003	0,009	0,135	FALSE
-0,055	0,310	-0,001	0,006	0,075	FALSE
-0,032	0,309	0,000	0,007	0,022	FALSE
-0,100	0,308	-0,004	0,012	0,138	FALSE
-0,046	0,305	-0,002	0,011	0,060	FALSE
-0,024	0,306	-0,001	0,010	0,042	FALSE
-0,045	0,297	-0,002	0,012	0,051	FALSE
0,010	0,309	0,000	0,007	0,013	FALSE
-0,052	0,311	-0,001	0,011	0,044	FALSE
-0,092	0,310	-0,003	0,011	0,114	FALSE
-0,027	0,313	-0,001	0,012	0,016	FALSE
0,057	0,329	0,002	0,014	0,056	FALSE
-0,058	0,303	-0,002	0,009	0,074	FALSE
0,087	0,292	0,004	0,011	0,128	FALSE
-0,092	0,304	-0,003	0,009	0,131	FALSE
0,031	0,298	0,001	0,008	0,036	FALSE
-0,042	0,302	-0,002	0,009	0,071	FALSE
-0,010	0,307	0,000	0,009	0,004	FALSE
-0,023	0,306	-0,001	0,009	0,025	FALSE
-0,022	0,315	-0,001	0,009	0,032	FALSE
0,079	0,319	0,002	0,010	0,081	FALSE
-0,062	0,307	-0,002	0,012	0,056	FALSE
0,041	0,312	0,001	0,011	0,047	FALSE
-0,003	0,315	0,000	0,008	0,008	FALSE
0,041	0,301	0,000	0,008	0,013	FALSE
-0,008	0,296	-0,001	0,008	0,039	FALSE
0,069	0,320	0,002	0,007	0,113	FALSE
-0,007	0,313	0,000	0,012	0,010	FALSE
-0,014	0,312	-0,001	0,010	0,038	FALSE
-0,058	0,312	-0,001	0,010	0,044	FALSE
-0,149	0,309	-0,004	0,007	0,215	FALSE
0,051	0,298	0,003	0,013	0,075	FALSE
0,058	0,303	0,001	0,006	0,057	FALSE
0,005	0,305	0,001	0,012	0,034	FALSE

0,075	0,310	0,004	0,012	0,113	FALSE
0,076	0,306	0,003	0,012	0,100	FALSE
-0,014	0,310	0,000	0,012	0,009	FALSE
-0,030	0,309	-0,001	0,012	0,025	FALSE
0,092	0,302	0,002	0,007	0,121	FALSE
-0,067	0,321	-0,002	0,007	0,091	FALSE
-0,071	0,305	-0,003	0,009	0,111	FALSE
0,019	0,304	0,000	0,009	0,009	FALSE
0,140	0,312	0,004	0,011	0,171	FALSE
0,098	0,307	0,004	0,009	0,156	FALSE
0,094	0,316	0,002	0,007	0,092	FALSE
-0,069	0,310	-0,001	0,006	0,061	FALSE
-0,092	0,314	-0,001	0,006	0,088	FALSE
-0,015	0,304	0,000	0,008	0,006	FALSE
0,005	0,318	0,000	0,011	0,013	FALSE
0,122	0,315	0,006	0,012	0,202	FALSE
0,037	0,307	0,003	0,013	0,079	FALSE
-0,011	0,304	-0,001	0,012	0,021	FALSE
0,037	0,309	0,000	0,007	0,013	FALSE
-0,003	0,310	0,000	0,013	0,002	FALSE
-0,059	0,321	-0,002	0,008	0,081	FALSE
0,057	0,309	0,002	0,007	0,099	FALSE
-0,081	0,309	-0,005	0,012	0,163	FALSE
0,008	0,311	0,000	0,009	0,002	FALSE
-0,091	0,306	-0,003	0,008	0,125	FALSE
-0,121	0,298	-0,004	0,009	0,192	FALSE
0,130	0,304	0,005	0,009	0,225	FALSE
-0,030	0,301	-0,001	0,006	0,031	FALSE
0,036	0,301	0,001	0,009	0,034	FALSE
0,121	0,316	0,004	0,009	0,172	FALSE
0,008	0,293	0,000	0,006	0,011	FALSE
0,023	0,300	0,001	0,006	0,028	FALSE
-0,072	0,305	-0,002	0,009	0,090	FALSE
0,029	0,303	0,002	0,012	0,049	FALSE
-0,008	0,307	0,000	0,006	0,017	FALSE
-0,078	0,304	-0,005	0,013	0,161	FALSE
0,013	0,322	0,000	0,007	0,017	FALSE
-0,006	0,320	0,000	0,012	0,001	FALSE
-0,089	0,299	-0,002	0,007	0,094	FALSE
-0,092	0,299	-0,004	0,012	0,143	FALSE
0,126	0,312	0,004	0,012	0,154	FALSE
0,010	0,311	0,000	0,011	0,003	FALSE
-0,004	0,310	-0,001	0,011	0,020	FALSE
-0,043	0,312	-0,002	0,011	0,060	FALSE
-0,076	0,305	-0,003	0,011	0,113	FALSE
0,057	0,305	0,002	0,012	0,049	FALSE
0,002	0,302	0,000	0,007	0,008	FALSE
-0,068	0,307	-0,004	0,013	0,120	FALSE
-0,030	0,306	-0,001	0,008	0,023	FALSE
-0,022	0,309	0,000	0,009	0,004	FALSE
0,054	0,314	0,002	0,011	0,067	FALSE
0,142	0,287	0,005	0,010	0,193	FALSE
0,067	0,295	0,003	0,010	0,103	FALSE

0,119	0,318	0,003	0,008	0,170	FALSE
0,110	0,315	0,004	0,012	0,138	FALSE
-0,093	0,300	-0,004	0,012	0,119	FALSE
0,067	0,297	0,001	0,008	0,042	FALSE
0,006	0,312	0,000	0,007	0,008	FALSE
0,050	0,310	0,001	0,006	0,084	FALSE
-0,064	0,297	-0,002	0,012	0,061	FALSE
-0,055	0,308	-0,001	0,008	0,026	FALSE
0,057	0,316	0,003	0,013	0,075	FALSE
0,062	0,306	0,003	0,012	0,099	FALSE
-0,008	0,317	-0,001	0,012	0,033	FALSE
-0,022	0,309	-0,001	0,009	0,040	FALSE
0,018	0,313	0,001	0,012	0,024	FALSE
0,047	0,303	0,001	0,007	0,043	FALSE
-0,011	0,310	-0,002	0,012	0,048	FALSE
0,040	0,292	0,002	0,011	0,086	FALSE
0,082	0,320	0,003	0,008	0,121	FALSE
-0,051	0,296	-0,002	0,012	0,053	FALSE
0,040	0,310	0,001	0,008	0,047	FALSE
0,032	0,307	0,002	0,010	0,075	FALSE
-0,108	0,300	-0,003	0,008	0,155	FALSE
-0,041	0,316	-0,001	0,009	0,039	FALSE
0,019	0,304	0,001	0,008	0,033	FALSE
0,019	0,309	0,001	0,013	0,034	FALSE
-0,017	0,310	0,000	0,011	0,010	FALSE
0,067	0,310	0,003	0,009	0,122	FALSE
0,026	0,302	0,001	0,010	0,031	FALSE
-0,091	0,310	-0,003	0,010	0,123	FALSE
-0,016	0,311	-0,001	0,008	0,026	FALSE
-0,026	0,299	-0,001	0,011	0,024	FALSE
0,014	0,311	0,000	0,008	0,014	FALSE
-0,019	0,301	-0,001	0,011	0,031	FALSE
0,024	0,291	0,000	0,010	0,014	FALSE
0,047	0,292	0,001	0,011	0,020	FALSE
0,052	0,299	0,001	0,011	0,031	FALSE
0,002	0,298	0,000	0,010	0,012	FALSE
-0,034	0,321	-0,002	0,012	0,054	FALSE
0,049	0,310	0,001	0,009	0,044	FALSE
-0,139	0,314	-0,004	0,008	0,180	FALSE
-0,060	0,319	-0,002	0,012	0,080	FALSE
0,077	0,305	0,002	0,009	0,072	FALSE
0,088	0,310	0,002	0,010	0,087	FALSE
0,103	0,302	0,005	0,012	0,154	FALSE
0,046	0,311	0,002	0,012	0,046	FALSE
-0,103	0,310	-0,004	0,010	0,168	FALSE
0,064	0,320	0,002	0,011	0,078	FALSE
-0,019	0,311	-0,001	0,010	0,021	FALSE
0,019	0,300	0,001	0,008	0,022	FALSE
-0,009	0,302	0,000	0,013	0,005	FALSE
-0,054	0,313	-0,002	0,008	0,075	FALSE
0,051	0,312	0,003	0,013	0,081	FALSE
-0,082	0,301	-0,005	0,013	0,138	FALSE
0,045	0,309	0,001	0,011	0,042	FALSE

-0,011	0,310	0,000	0,008	0,010	FALSE
-0,040	0,302	-0,001	0,009	0,042	FALSE
-0,010	0,307	0,000	0,007	0,005	FALSE
-0,061	0,310	-0,002	0,013	0,060	FALSE
-0,174	0,298	-0,006	0,010	0,289	FALSE
-0,155	0,308	-0,005	0,010	0,227	FALSE
0,041	0,304	0,001	0,008	0,065	FALSE
0,029	0,306	0,001	0,008	0,042	FALSE
-0,041	0,313	-0,001	0,008	0,022	FALSE
-0,029	0,317	0,000	0,008	0,018	FALSE
-0,010	0,295	-0,001	0,007	0,038	FALSE
0,119	0,290	0,004	0,009	0,154	FALSE
-0,010	0,310	0,000	0,007	0,011	FALSE
0,064	0,308	0,002	0,013	0,048	FALSE
0,016	0,313	0,000	0,007	0,010	FALSE
-0,025	0,315	-0,001	0,009	0,048	FALSE
0,006	0,302	0,000	0,006	0,025	FALSE
0,004	0,301	0,001	0,008	0,030	FALSE
0,050	0,310	0,002	0,012	0,052	FALSE
-0,074	0,302	-0,003	0,010	0,094	FALSE
-0,035	0,301	-0,001	0,010	0,040	FALSE
-0,076	0,313	-0,002	0,010	0,085	FALSE
-0,001	0,297	0,000	0,010	0,015	FALSE
-0,001	0,319	0,000	0,008	0,012	FALSE
0,004	0,296	0,000	0,008	0,020	FALSE
-0,043	0,305	-0,001	0,008	0,060	FALSE
-0,026	0,316	-0,002	0,011	0,067	FALSE
-0,031	0,311	-0,002	0,010	0,075	FALSE
0,076	0,314	0,002	0,007	0,100	FALSE
-0,062	0,304	-0,001	0,007	0,063	FALSE
-0,063	0,292	-0,001	0,006	0,062	FALSE
0,024	0,309	0,001	0,012	0,021	FALSE
-0,023	0,301	-0,001	0,012	0,018	FALSE
0,061	0,302	0,001	0,008	0,065	FALSE
0,002	0,307	0,000	0,013	0,004	FALSE
0,191	0,315	0,005	0,009	0,266	FALSE
-0,146	0,304	-0,004	0,009	0,189	FALSE
-0,021	0,314	-0,001	0,013	0,020	FALSE
-0,003	0,319	0,000	0,008	0,008	FALSE
-0,185	0,308	-0,008	0,013	0,290	FALSE
-0,157	0,308	-0,007	0,013	0,223	FALSE
-0,054	0,313	-0,003	0,012	0,081	FALSE
-0,021	0,304	0,000	0,007	0,015	FALSE
-0,017	0,303	0,000	0,007	0,018	FALSE
-0,050	0,318	-0,003	0,012	0,078	FALSE
-0,071	0,305	-0,003	0,013	0,096	FALSE
-0,018	0,309	0,000	0,012	0,006	FALSE
-0,015	0,311	-0,001	0,011	0,020	FALSE
-0,005	0,318	-0,001	0,012	0,017	FALSE
-0,008	0,314	-0,001	0,013	0,015	FALSE
-0,099	0,306	-0,003	0,008	0,167	FALSE
-0,097	0,304	-0,002	0,008	0,121	FALSE
0,003	0,301	0,001	0,009	0,021	FALSE

0,060	0,298	0,002	0,007	0,104	FALSE
-0,019	0,285	-0,001	0,008	0,047	FALSE
0,073	0,305	0,001	0,009	0,056	FALSE
0,038	0,310	0,000	0,009	0,018	FALSE
0,023	0,308	0,002	0,012	0,055	FALSE
-0,061	0,305	-0,001	0,011	0,042	FALSE
-0,073	0,301	-0,002	0,011	0,063	FALSE
0,082	0,312	0,003	0,011	0,090	FALSE
0,112	0,315	0,003	0,010	0,112	FALSE
0,115	0,309	0,004	0,010	0,167	FALSE
-0,020	0,300	-0,001	0,007	0,038	FALSE
-0,035	0,304	0,000	0,011	0,005	FALSE
-0,003	0,304	-0,001	0,010	0,037	FALSE
0,033	0,299	0,000	0,008	0,004	FALSE
-0,038	0,304	-0,002	0,011	0,053	FALSE
0,004	0,306	0,000	0,009	0,011	FALSE
0,037	0,308	0,002	0,013	0,051	FALSE
0,026	0,307	0,001	0,010	0,020	FALSE
0,051	0,308	0,001	0,011	0,045	FALSE
0,009	0,289	0,000	0,012	0,010	FALSE
-0,067	0,317	-0,001	0,008	0,064	FALSE
-0,016	0,307	-0,001	0,008	0,025	FALSE
-0,094	0,306	-0,002	0,007	0,114	FALSE
0,034	0,313	0,001	0,007	0,070	FALSE
0,025	0,318	0,000	0,007	0,019	FALSE
0,091	0,310	0,003	0,008	0,122	FALSE
0,099	0,309	0,003	0,009	0,156	FALSE
0,095	0,297	0,003	0,009	0,110	FALSE
-0,047	0,306	-0,002	0,011	0,063	FALSE
-0,046	0,306	-0,002	0,013	0,059	FALSE
-0,017	0,309	-0,001	0,009	0,062	FALSE
0,069	0,321	0,002	0,013	0,054	FALSE
-0,045	0,316	-0,001	0,011	0,046	FALSE
-0,084	0,333	-0,002	0,007	0,089	FALSE
0,098	0,302	0,003	0,010	0,136	FALSE
-0,064	0,305	-0,001	0,009	0,057	FALSE
-0,021	0,305	-0,001	0,007	0,048	FALSE
-0,102	0,300	-0,005	0,013	0,147	FALSE
-0,028	0,293	-0,001	0,007	0,027	FALSE
-0,111	0,291	-0,002	0,006	0,151	FALSE
0,010	0,295	0,001	0,011	0,031	FALSE
-0,017	0,312	-0,002	0,012	0,050	FALSE
0,002	0,300	0,000	0,012	0,015	FALSE
0,134	0,301	0,003	0,006	0,188	FALSE
0,038	0,311	0,001	0,009	0,038	FALSE
-0,022	0,318	-0,001	0,012	0,021	FALSE
-0,001	0,308	0,000	0,011	0,013	FALSE
0,024	0,304	0,001	0,012	0,042	FALSE
0,072	0,302	0,003	0,012	0,087	FALSE
-0,046	0,312	-0,002	0,012	0,054	FALSE
-0,072	0,306	-0,002	0,008	0,093	FALSE
-0,057	0,300	-0,002	0,010	0,057	FALSE
-0,042	0,307	-0,001	0,008	0,043	FALSE

-0,089	0,299	-0,002	0,008	0,100	FALSE
0,013	0,301	0,000	0,010	0,004	FALSE
-0,003	0,314	0,001	0,010	0,023	FALSE
0,049	0,308	0,001	0,006	0,080	FALSE
-0,104	0,300	-0,002	0,007	0,121	FALSE
0,048	0,300	0,001	0,012	0,031	FALSE
0,024	0,310	0,001	0,012	0,018	FALSE
-0,028	0,314	-0,001	0,008	0,035	FALSE
0,139	0,291	0,004	0,008	0,203	FALSE
0,000	0,302	0,000	0,011	0,004	FALSE
0,117	0,304	0,004	0,008	0,181	FALSE
0,092	0,298	0,003	0,009	0,123	FALSE
-0,019	0,317	0,000	0,007	0,002	FALSE
0,015	0,317	0,000	0,008	0,012	FALSE
-0,056	0,302	-0,002	0,007	0,087	FALSE
-0,055	0,308	-0,001	0,007	0,069	FALSE
0,053	0,307	0,002	0,008	0,082	FALSE
-0,006	0,297	0,000	0,007	0,008	FALSE
-0,071	0,309	-0,002	0,009	0,099	FALSE
-0,134	0,304	-0,005	0,010	0,213	FALSE
-0,021	0,302	0,000	0,013	0,010	FALSE
0,024	0,306	0,000	0,006	0,003	FALSE
-0,065	0,315	-0,001	0,007	0,056	FALSE
-0,035	0,302	-0,001	0,008	0,056	FALSE
0,008	0,315	0,001	0,011	0,028	FALSE
-0,068	0,306	-0,003	0,010	0,111	FALSE
0,014	0,307	0,001	0,012	0,026	FALSE
-0,028	0,309	0,000	0,008	0,007	FALSE
-0,052	0,303	-0,001	0,008	0,055	FALSE
-0,056	0,311	-0,002	0,008	0,078	FALSE
0,066	0,308	0,002	0,012	0,066	FALSE
0,070	0,293	0,002	0,011	0,080	FALSE
-0,010	0,298	-0,001	0,011	0,018	FALSE
0,113	0,306	0,003	0,006	0,172	FALSE
0,033	0,300	0,002	0,009	0,080	FALSE
-0,054	0,300	-0,001	0,007	0,055	FALSE
0,143	0,301	0,003	0,006	0,217	FALSE
-0,022	0,311	0,000	0,009	0,020	FALSE
-0,026	0,324	-0,001	0,009	0,022	FALSE
-0,123	0,298	-0,003	0,007	0,181	FALSE
-0,032	0,310	-0,001	0,012	0,034	FALSE
0,184	0,289	0,007	0,009	0,333	FALSE
-0,143	0,303	-0,004	0,007	0,207	FALSE
0,045	0,315	0,002	0,008	0,079	FALSE
0,001	0,323	0,000	0,012	0,009	FALSE
0,006	0,308	0,000	0,011	0,016	FALSE
0,064	0,326	0,002	0,008	0,080	FALSE
0,017	0,303	0,000	0,007	0,009	FALSE
0,005	0,293	0,000	0,007	0,014	FALSE
0,019	0,300	0,000	0,009	0,013	FALSE
-0,033	0,311	-0,001	0,010	0,030	FALSE
0,119	0,314	0,003	0,007	0,165	FALSE
0,023	0,299	0,000	0,007	0,009	FALSE

-0,064	0,301	-0,001	0,007	0,038	FALSE
-0,017	0,305	-0,001	0,007	0,041	FALSE
0,008	0,311	0,000	0,008	0,009	FALSE
-0,041	0,305	-0,001	0,007	0,062	FALSE
-0,035	0,290	-0,001	0,006	0,060	FALSE
-0,041	0,309	-0,001	0,010	0,041	FALSE
-0,087	0,313	-0,002	0,008	0,088	FALSE
0,010	0,302	0,000	0,007	0,010	FALSE
-0,078	0,305	-0,002	0,009	0,100	FALSE
0,051	0,295	0,001	0,012	0,030	FALSE
0,020	0,303	0,002	0,013	0,043	FALSE
0,074	0,301	0,002	0,012	0,068	FALSE
0,052	0,297	0,001	0,012	0,041	FALSE
0,109	0,289	0,003	0,011	0,115	FALSE
0,022	0,305	0,001	0,006	0,034	FALSE
-0,023	0,322	-0,001	0,010	0,026	FALSE
-0,001	0,310	0,000	0,006	0,005	FALSE
-0,117	0,312	-0,003	0,008	0,125	FALSE
0,041	0,316	0,002	0,010	0,063	FALSE
-0,023	0,311	-0,001	0,008	0,041	FALSE
0,048	0,312	0,002	0,009	0,068	FALSE
-0,141	0,306	-0,005	0,011	0,202	FALSE
0,071	0,307	0,003	0,008	0,136	FALSE
0,153	0,315	0,005	0,012	0,195	FALSE
-0,014	0,319	0,000	0,012	0,002	FALSE
-0,030	0,321	0,000	0,009	0,008	FALSE
0,029	0,305	0,001	0,009	0,038	FALSE
0,062	0,315	0,002	0,009	0,095	FALSE
-0,053	0,314	-0,001	0,007	0,083	FALSE
0,000	0,308	0,000	0,007	0,007	FALSE
0,044	0,315	0,001	0,007	0,055	FALSE
0,104	0,298	0,003	0,008	0,126	FALSE
0,119	0,302	0,003	0,008	0,140	FALSE
-0,124	0,301	-0,003	0,008	0,176	FALSE
-0,077	0,300	-0,004	0,012	0,119	FALSE
-0,106	0,302	-0,004	0,011	0,128	FALSE
-0,021	0,305	-0,001	0,008	0,044	FALSE
-0,031	0,315	0,000	0,008	0,003	FALSE
0,000	0,311	0,000	0,007	0,003	FALSE
-0,075	0,301	-0,002	0,008	0,104	FALSE
0,037	0,290	0,001	0,008	0,062	FALSE
-0,101	0,305	-0,003	0,012	0,102	FALSE
-0,056	0,309	-0,001	0,010	0,039	FALSE
-0,065	0,327	-0,002	0,007	0,081	FALSE
-0,107	0,318	-0,004	0,011	0,146	FALSE
-0,056	0,302	-0,001	0,010	0,050	FALSE
-0,096	0,295	-0,003	0,008	0,124	FALSE
-0,074	0,294	-0,002	0,008	0,122	FALSE
-0,018	0,305	0,000	0,008	0,009	FALSE
0,046	0,312	0,001	0,008	0,056	FALSE
-0,031	0,300	-0,001	0,008	0,062	FALSE
-0,056	0,318	-0,001	0,007	0,040	FALSE
0,033	0,318	0,002	0,013	0,055	FALSE

-0,042	0,310	-0,001	0,007	0,029	FALSE
0,046	0,324	0,002	0,013	0,041	FALSE
-0,040	0,318	-0,002	0,013	0,070	FALSE
-0,066	0,323	-0,002	0,010	0,088	FALSE
-0,036	0,324	-0,002	0,013	0,071	FALSE
0,059	0,314	0,002	0,012	0,058	FALSE
-0,019	0,304	0,000	0,008	0,004	FALSE
0,039	0,309	0,001	0,009	0,040	FALSE
-0,016	0,310	0,000	0,007	0,006	FALSE
-0,015	0,309	0,000	0,008	0,002	FALSE
0,074	0,302	0,003	0,012	0,077	FALSE
-0,138	0,301	-0,005	0,009	0,234	FALSE
-0,089	0,313	-0,002	0,007	0,090	FALSE
-0,001	0,297	0,000	0,008	0,008	FALSE
0,069	0,310	0,003	0,013	0,075	FALSE
-0,037	0,296	-0,001	0,009	0,026	FALSE
-0,008	0,320	0,000	0,012	0,013	FALSE
-0,125	0,310	-0,002	0,007	0,144	FALSE
-0,126	0,287	-0,005	0,011	0,187	FALSE
-0,054	0,317	-0,003	0,013	0,093	FALSE
-0,027	0,301	-0,002	0,012	0,051	FALSE
-0,071	0,313	-0,002	0,009	0,086	FALSE
0,047	0,311	0,002	0,010	0,067	FALSE
0,006	0,318	0,000	0,008	0,012	FALSE
0,000	0,308	0,000	0,007	0,007	FALSE
-0,094	0,292	-0,004	0,011	0,128	FALSE
-0,106	0,290	-0,003	0,009	0,124	FALSE
-0,051	0,307	-0,002	0,013	0,049	FALSE
0,062	0,308	0,002	0,009	0,097	FALSE
0,032	0,302	0,000	0,006	0,023	FALSE
0,028	0,310	0,000	0,008	0,001	FALSE
-0,036	0,313	-0,002	0,013	0,057	FALSE
0,005	0,301	0,002	0,012	0,045	FALSE
-0,026	0,300	0,000	0,008	0,012	FALSE
-0,109	0,303	-0,002	0,007	0,137	FALSE
-0,024	0,319	0,000	0,008	0,008	FALSE
0,163	0,287	0,006	0,008	0,316	FALSE
-0,130	0,300	-0,002	0,006	0,156	FALSE
0,152	0,300	0,005	0,008	0,284	FALSE
0,162	0,298	0,006	0,008	0,309	FALSE
0,088	0,307	0,004	0,013	0,113	FALSE
0,095	0,305	0,004	0,012	0,134	FALSE
-0,057	0,328	-0,002	0,011	0,083	FALSE
0,098	0,309	0,004	0,012	0,124	FALSE
-0,109	0,309	-0,002	0,006	0,130	FALSE
-0,013	0,308	-0,002	0,013	0,048	FALSE
0,026	0,316	0,001	0,008	0,055	FALSE
-0,094	0,294	-0,002	0,010	0,091	FALSE
-0,084	0,302	-0,002	0,011	0,085	FALSE
-0,080	0,307	-0,002	0,011	0,069	FALSE
-0,069	0,310	-0,002	0,011	0,060	FALSE
-0,101	0,302	-0,003	0,011	0,106	FALSE
0,143	0,301	0,005	0,010	0,218	FALSE

-0,133	0,314	-0,005	0,012	0,163	FALSE
-0,041	0,308	-0,002	0,008	0,069	FALSE
0,003	0,308	0,001	0,006	0,039	FALSE
-0,063	0,304	-0,002	0,011	0,071	FALSE
0,008	0,313	0,000	0,008	0,014	FALSE
-0,051	0,304	-0,001	0,008	0,047	FALSE
0,103	0,304	0,003	0,009	0,139	FALSE
0,030	0,325	0,001	0,010	0,042	FALSE
-0,097	0,298	-0,002	0,007	0,122	FALSE
0,056	0,313	0,002	0,013	0,059	FALSE
0,081	0,307	0,002	0,008	0,109	FALSE
0,083	0,305	0,002	0,007	0,081	FALSE
0,018	0,318	0,000	0,009	0,008	FALSE
0,108	0,311	0,004	0,010	0,144	FALSE
0,092	0,298	0,002	0,008	0,104	FALSE
0,068	0,309	0,003	0,011	0,094	FALSE
0,034	0,315	0,001	0,011	0,033	FALSE
0,106	0,311	0,003	0,008	0,139	FALSE
0,179	0,291	0,005	0,008	0,260	FALSE
0,102	0,301	0,003	0,008	0,146	FALSE
-0,056	0,305	-0,002	0,012	0,076	FALSE
0,096	0,309	0,002	0,008	0,109	FALSE
0,079	0,311	0,002	0,008	0,083	FALSE
0,127	0,299	0,003	0,006	0,158	FALSE
0,093	0,313	0,003	0,009	0,124	FALSE
-0,096	0,314	-0,004	0,011	0,138	FALSE
0,133	0,310	0,004	0,010	0,184	FALSE
-0,088	0,301	-0,004	0,011	0,132	FALSE
0,091	0,312	0,001	0,006	0,083	FALSE
0,005	0,303	0,000	0,007	0,020	FALSE
0,073	0,310	0,002	0,009	0,103	FALSE
0,060	0,308	0,002	0,010	0,073	FALSE
0,034	0,306	0,001	0,008	0,053	FALSE
0,074	0,300	0,002	0,009	0,081	FALSE
0,004	0,320	0,000	0,013	0,011	FALSE
-0,021	0,315	-0,001	0,013	0,034	FALSE
-0,043	0,317	-0,001	0,012	0,045	FALSE
0,011	0,308	0,000	0,007	0,010	FALSE
-0,004	0,309	0,000	0,012	0,012	FALSE
-0,090	0,311	-0,002	0,006	0,092	FALSE
-0,077	0,311	-0,002	0,007	0,086	FALSE
0,041	0,296	0,001	0,006	0,047	FALSE
0,000	0,310	0,000	0,013	0,007	FALSE
0,023	0,302	0,001	0,012	0,030	FALSE
0,005	0,311	0,000	0,011	0,005	FALSE
0,141	0,286	0,004	0,010	0,173	FALSE
-0,159	0,312	-0,004	0,009	0,216	FALSE
-0,092	0,319	-0,002	0,008	0,079	FALSE
-0,099	0,309	-0,005	0,011	0,167	FALSE
-0,036	0,307	-0,001	0,013	0,027	FALSE
-0,081	0,299	-0,001	0,007	0,067	FALSE
0,008	0,287	-0,001	0,010	0,018	FALSE
-0,019	0,311	-0,001	0,008	0,028	FALSE

-0,030	0,312	-0,001	0,008	0,042	FALSE
0,139	0,296	0,003	0,006	0,190	FALSE
-0,007	0,304	-0,001	0,012	0,019	FALSE
0,091	0,313	0,003	0,008	0,116	FALSE
0,091	0,295	0,002	0,007	0,108	FALSE
0,116	0,305	0,002	0,007	0,119	FALSE
-0,027	0,307	-0,001	0,010	0,026	FALSE
0,057	0,310	0,003	0,013	0,071	FALSE
0,045	0,296	0,000	0,007	0,026	FALSE
0,023	0,300	0,001	0,013	0,023	FALSE
0,036	0,317	0,001	0,009	0,047	FALSE
0,076	0,295	0,002	0,010	0,069	FALSE
0,093	0,307	0,004	0,010	0,172	FALSE
0,125	0,292	0,006	0,010	0,248	FALSE
-0,095	0,312	-0,004	0,013	0,117	FALSE
-0,117	0,314	-0,005	0,014	0,136	FALSE
0,049	0,301	0,002	0,007	0,082	FALSE
-0,056	0,305	-0,002	0,012	0,074	FALSE
-0,036	0,303	-0,001	0,008	0,044	FALSE
-0,147	0,310	-0,006	0,011	0,217	FALSE
0,030	0,318	0,000	0,011	0,008	FALSE
0,080	0,308	0,003	0,012	0,098	FALSE
-0,113	0,303	-0,004	0,011	0,158	FALSE
0,044	0,302	0,001	0,008	0,055	FALSE
-0,024	0,305	0,000	0,007	0,007	FALSE
-0,100	0,315	-0,002	0,008	0,114	FALSE
-0,022	0,294	0,000	0,009	0,010	FALSE
-0,033	0,312	-0,001	0,010	0,027	FALSE
0,119	0,309	0,004	0,012	0,136	FALSE
-0,080	0,306	-0,001	0,007	0,059	FALSE
-0,114	0,299	-0,003	0,011	0,122	FALSE
-0,081	0,300	-0,002	0,012	0,081	FALSE
-0,082	0,307	-0,002	0,011	0,061	FALSE
0,026	0,308	0,001	0,008	0,059	FALSE
-0,098	0,303	-0,002	0,006	0,128	FALSE
0,006	0,314	0,000	0,010	0,004	FALSE
-0,105	0,306	-0,002	0,008	0,109	FALSE
-0,031	0,303	-0,001	0,007	0,049	FALSE
-0,047	0,295	-0,002	0,010	0,071	FALSE
-0,020	0,316	-0,001	0,008	0,027	FALSE
-0,035	0,313	-0,001	0,010	0,046	FALSE
-0,073	0,315	-0,002	0,007	0,082	FALSE
0,089	0,293	0,003	0,012	0,108	FALSE
-0,071	0,305	-0,001	0,006	0,051	FALSE
0,098	0,320	0,004	0,012	0,116	FALSE
0,030	0,309	0,001	0,010	0,047	FALSE
-0,211	0,297	-0,006	0,009	0,297	FALSE
-0,170	0,314	-0,007	0,013	0,234	FALSE
0,106	0,305	0,004	0,009	0,159	FALSE
-0,044	0,327	-0,001	0,013	0,037	FALSE
0,032	0,301	0,001	0,008	0,041	FALSE
0,143	0,293	0,003	0,008	0,158	FALSE
0,175	0,294	0,005	0,008	0,277	FALSE

0,067	0,315	0,003	0,012	0,108	FALSE
-0,013	0,306	0,000	0,011	0,014	FALSE
0,051	0,292	0,002	0,007	0,089	FALSE
-0,038	0,306	-0,002	0,012	0,078	FALSE
-0,057	0,298	-0,002	0,008	0,087	FALSE
-0,026	0,314	0,000	0,007	0,016	FALSE
0,023	0,292	0,001	0,007	0,060	FALSE
0,133	0,299	0,004	0,009	0,179	FALSE
0,115	0,304	0,005	0,012	0,161	FALSE
0,080	0,294	0,003	0,009	0,122	FALSE
0,095	0,297	0,003	0,010	0,137	FALSE
0,116	0,313	0,005	0,012	0,178	FALSE
-0,114	0,303	-0,005	0,011	0,173	FALSE
0,017	0,316	0,001	0,008	0,033	FALSE
0,019	0,319	0,000	0,007	0,025	FALSE
0,031	0,320	0,001	0,009	0,027	FALSE
-0,048	0,306	-0,002	0,012	0,067	FALSE
0,022	0,320	0,001	0,008	0,042	FALSE
-0,056	0,305	-0,002	0,010	0,062	FALSE
0,215	0,293	0,005	0,007	0,293	FALSE
0,039	0,309	0,002	0,012	0,052	FALSE
-0,066	0,305	-0,002	0,008	0,080	FALSE
-0,093	0,314	-0,003	0,010	0,115	FALSE
-0,010	0,314	0,000	0,007	0,021	FALSE
0,089	0,308	0,003	0,009	0,161	FALSE
-0,060	0,298	-0,002	0,011	0,071	FALSE
-0,089	0,306	-0,002	0,007	0,108	FALSE
-0,016	0,296	-0,001	0,007	0,026	FALSE
0,127	0,307	0,004	0,008	0,181	FALSE
0,095	0,301	0,004	0,012	0,138	FALSE
0,083	0,308	0,003	0,011	0,122	FALSE
0,066	0,304	0,002	0,009	0,099	FALSE
-0,157	0,311	-0,006	0,012	0,222	FALSE
0,041	0,305	0,001	0,012	0,029	FALSE
0,099	0,306	0,004	0,011	0,126	FALSE
0,071	0,292	0,002	0,010	0,096	FALSE
-0,043	0,298	-0,001	0,009	0,025	FALSE
0,104	0,309	0,003	0,011	0,116	FALSE
0,051	0,310	0,001	0,009	0,034	FALSE
-0,104	0,310	-0,003	0,007	0,146	FALSE
-0,092	0,310	-0,002	0,008	0,121	FALSE
-0,006	0,321	0,000	0,009	0,013	FALSE
-0,085	0,315	-0,002	0,007	0,118	FALSE
-0,099	0,295	-0,002	0,007	0,141	FALSE
-0,022	0,304	0,000	0,007	0,019	FALSE
-0,066	0,300	-0,001	0,006	0,051	FALSE
0,025	0,316	0,001	0,010	0,042	FALSE
0,108	0,303	0,003	0,007	0,157	FALSE
-0,015	0,308	0,001	0,008	0,025	FALSE
-0,024	0,296	-0,001	0,006	0,064	FALSE
0,037	0,315	0,001	0,008	0,057	FALSE
0,003	0,307	0,000	0,013	0,002	FALSE
-0,031	0,298	-0,002	0,012	0,050	FALSE

-0,031	0,309	-0,001	0,012	0,041	FALSE
0,030	0,312	0,001	0,008	0,024	FALSE
0,080	0,303	0,002	0,007	0,113	FALSE
0,022	0,312	0,001	0,012	0,041	FALSE
0,042	0,309	0,002	0,012	0,076	FALSE
0,038	0,315	0,001	0,008	0,047	FALSE
0,038	0,293	0,002	0,011	0,054	FALSE
-0,181	0,309	-0,004	0,008	0,234	FALSE
0,009	0,319	0,000	0,007	0,011	FALSE
-0,056	0,315	-0,002	0,009	0,060	FALSE
-0,029	0,313	-0,001	0,011	0,034	FALSE
-0,078	0,300	-0,002	0,007	0,121	FALSE
-0,094	0,306	-0,005	0,012	0,155	FALSE
0,010	0,300	0,001	0,011	0,023	FALSE
0,103	0,299	0,005	0,010	0,189	FALSE
-0,066	0,315	-0,003	0,012	0,098	FALSE
0,094	0,313	0,002	0,008	0,094	FALSE
-0,106	0,306	-0,004	0,010	0,172	FALSE
-0,014	0,302	-0,001	0,009	0,026	FALSE
-0,046	0,319	-0,001	0,010	0,050	FALSE
-0,091	0,311	-0,003	0,012	0,106	FALSE
-0,044	0,319	-0,001	0,013	0,039	FALSE
-0,003	0,320	0,000	0,010	0,000	FALSE
-0,110	0,294	-0,003	0,009	0,149	FALSE
0,104	0,296	0,003	0,007	0,143	FALSE
0,006	0,307	0,000	0,010	0,002	FALSE
0,037	0,321	0,001	0,013	0,031	FALSE
0,059	0,305	0,002	0,012	0,061	FALSE
0,043	0,313	0,001	0,011	0,039	FALSE
0,100	0,311	0,004	0,013	0,105	FALSE
-0,047	0,315	-0,001	0,011	0,038	FALSE
0,031	0,301	0,001	0,009	0,058	FALSE
0,027	0,303	0,001	0,012	0,027	FALSE
-0,024	0,306	0,000	0,006	0,027	FALSE
0,054	0,326	0,002	0,009	0,062	FALSE
-0,003	0,322	0,000	0,008	0,003	FALSE
0,007	0,311	0,000	0,007	0,010	FALSE
-0,037	0,303	-0,002	0,013	0,055	FALSE
-0,041	0,308	0,000	0,008	0,021	FALSE
-0,134	0,307	-0,003	0,008	0,177	FALSE
0,030	0,295	0,001	0,010	0,035	FALSE
-0,087	0,294	-0,003	0,009	0,110	FALSE
0,042	0,310	0,001	0,006	0,056	FALSE
0,070	0,302	0,001	0,007	0,055	FALSE
-0,085	0,300	-0,002	0,007	0,134	FALSE
-0,048	0,307	-0,001	0,011	0,043	FALSE
0,012	0,310	0,000	0,007	0,011	FALSE
-0,081	0,311	-0,003	0,009	0,104	FALSE
0,064	0,316	0,002	0,010	0,094	FALSE
-0,077	0,314	-0,003	0,012	0,091	FALSE
-0,112	0,298	-0,005	0,011	0,185	FALSE
-0,050	0,305	-0,002	0,009	0,079	FALSE
0,054	0,309	0,002	0,012	0,059	FALSE

0,087	0,309	0,003	0,010	0,123	FALSE
0,036	0,317	0,002	0,013	0,049	FALSE
0,096	0,302	0,003	0,008	0,139	FALSE
0,003	0,309	0,000	0,007	0,002	FALSE
-0,056	0,307	-0,002	0,007	0,095	FALSE
-0,040	0,313	-0,001	0,009	0,044	FALSE
-0,028	0,312	-0,001	0,007	0,033	FALSE
0,033	0,317	0,001	0,008	0,048	FALSE
-0,133	0,309	-0,004	0,010	0,190	FALSE
0,017	0,296	0,000	0,012	0,014	FALSE
-0,049	0,303	-0,001	0,007	0,053	FALSE
-0,025	0,302	-0,001	0,011	0,036	FALSE
0,063	0,288	0,003	0,012	0,105	FALSE
-0,072	0,302	-0,002	0,007	0,081	FALSE
0,080	0,308	0,002	0,006	0,088	FALSE
0,033	0,304	0,001	0,008	0,048	FALSE
-0,091	0,304	-0,003	0,010	0,133	FALSE
-0,113	0,299	-0,004	0,009	0,167	FALSE
-0,041	0,310	-0,002	0,012	0,077	FALSE
-0,006	0,310	0,001	0,009	0,021	FALSE
0,034	0,304	0,001	0,011	0,045	FALSE
0,066	0,306	0,002	0,013	0,066	FALSE
-0,077	0,311	-0,003	0,013	0,102	FALSE
-0,113	0,297	-0,005	0,013	0,156	FALSE
0,065	0,307	0,001	0,008	0,037	FALSE
0,099	0,305	0,003	0,013	0,100	FALSE
-0,021	0,311	0,000	0,011	0,014	FALSE
-0,005	0,318	-0,001	0,010	0,031	FALSE
-0,092	0,314	-0,003	0,010	0,106	FALSE
-0,006	0,322	0,000	0,007	0,015	FALSE
0,036	0,308	0,001	0,006	0,067	FALSE
0,103	0,299	0,004	0,009	0,180	FALSE
-0,014	0,303	-0,001	0,009	0,049	FALSE
0,080	0,297	0,002	0,008	0,122	FALSE
-0,009	0,310	0,000	0,010	0,001	FALSE
0,032	0,322	0,001	0,011	0,023	FALSE
-0,002	0,307	0,000	0,011	0,001	FALSE
-0,010	0,307	0,000	0,008	0,009	FALSE
-0,047	0,306	-0,001	0,007	0,081	FALSE
-0,062	0,305	-0,002	0,008	0,114	FALSE
0,000	0,315	0,000	0,007	0,006	FALSE
-0,057	0,314	-0,003	0,013	0,086	FALSE
-0,041	0,291	-0,001	0,010	0,046	FALSE
-0,018	0,313	0,000	0,008	0,011	FALSE
0,051	0,304	0,002	0,012	0,054	FALSE
0,136	0,312	0,006	0,013	0,197	FALSE
0,044	0,302	0,001	0,006	0,066	FALSE
0,067	0,312	0,003	0,010	0,097	FALSE
0,038	0,315	0,002	0,008	0,075	FALSE
-0,095	0,299	-0,002	0,007	0,135	FALSE
-0,099	0,303	-0,004	0,011	0,139	FALSE
0,159	0,313	0,004	0,006	0,259	FALSE
-0,136	0,302	-0,004	0,009	0,209	FALSE

0,034	0,300	0,001	0,006	0,075	FALSE
-0,004	0,310	0,000	0,009	0,013	FALSE
-0,002	0,304	0,001	0,009	0,025	FALSE
0,000	0,298	0,000	0,009	0,017	FALSE
-0,091	0,313	-0,002	0,007	0,089	FALSE
0,039	0,318	0,001	0,007	0,047	FALSE
-0,011	0,306	0,000	0,007	0,001	FALSE
0,016	0,301	0,000	0,006	0,006	FALSE
0,025	0,313	0,001	0,009	0,045	FALSE
0,043	0,307	0,002	0,010	0,068	FALSE
-0,011	0,277	-0,001	0,009	0,029	FALSE
0,008	0,322	0,000	0,007	0,004	FALSE
-0,049	0,313	-0,002	0,012	0,060	FALSE
0,002	0,306	0,000	0,012	0,010	FALSE
0,015	0,313	0,001	0,011	0,048	FALSE
0,055	0,293	0,001	0,007	0,071	FALSE
0,010	0,307	0,000	0,010	0,009	FALSE
0,105	0,298	0,004	0,009	0,161	FALSE
0,065	0,325	0,002	0,007	0,093	FALSE
0,006	0,307	0,001	0,012	0,028	FALSE
-0,049	0,313	-0,002	0,009	0,087	FALSE
0,016	0,314	0,000	0,007	0,009	FALSE
-0,016	0,309	-0,001	0,011	0,022	FALSE
-0,020	0,314	-0,001	0,012	0,033	FALSE
0,056	0,297	0,002	0,010	0,096	FALSE
-0,088	0,318	-0,003	0,010	0,132	FALSE
-0,198	0,303	-0,006	0,010	0,261	FALSE
0,008	0,313	0,000	0,007	0,012	FALSE
0,127	0,303	0,003	0,006	0,187	FALSE
0,070	0,314	0,002	0,010	0,082	FALSE
0,130	0,311	0,004	0,010	0,158	FALSE
-0,029	0,307	-0,001	0,008	0,051	FALSE
0,013	0,302	0,000	0,009	0,011	FALSE
0,026	0,305	0,001	0,007	0,048	FALSE
0,037	0,309	0,000	0,009	0,010	FALSE
0,077	0,295	0,003	0,013	0,093	FALSE
0,044	0,311	0,001	0,012	0,042	FALSE
-0,063	0,318	-0,002	0,011	0,066	FALSE
0,069	0,306	0,002	0,008	0,094	FALSE
-0,031	0,315	-0,001	0,007	0,043	FALSE
-0,069	0,324	-0,002	0,008	0,089	FALSE
-0,072	0,316	-0,002	0,008	0,100	FALSE
-0,026	0,292	-0,001	0,007	0,037	FALSE
0,168	0,309	0,005	0,008	0,261	FALSE
-0,121	0,308	-0,003	0,008	0,152	FALSE
0,004	0,297	0,000	0,008	0,007	FALSE
0,035	0,298	0,000	0,009	0,019	FALSE
-0,107	0,306	-0,004	0,012	0,126	FALSE
-0,007	0,317	0,000	0,012	0,009	FALSE
-0,009	0,314	0,000	0,011	0,010	FALSE
-0,050	0,314	-0,002	0,007	0,079	FALSE
0,031	0,301	0,001	0,012	0,033	FALSE
-0,007	0,315	0,000	0,010	0,005	FALSE

-0,053	0,322	-0,001	0,008	0,065	FALSE
-0,038	0,313	-0,001	0,008	0,039	FALSE
0,041	0,304	0,001	0,007	0,046	FALSE
-0,050	0,299	-0,002	0,007	0,093	FALSE
0,043	0,298	0,000	0,006	0,011	FALSE
0,026	0,308	0,001	0,007	0,039	FALSE
-0,065	0,302	-0,003	0,012	0,089	FALSE
-0,061	0,310	-0,002	0,013	0,061	FALSE
-0,016	0,316	0,000	0,010	0,012	FALSE
-0,083	0,295	-0,003	0,008	0,141	FALSE
-0,072	0,304	-0,001	0,007	0,085	FALSE
0,077	0,321	0,002	0,010	0,098	FALSE
0,105	0,306	0,004	0,011	0,144	FALSE
0,131	0,310	0,004	0,009	0,167	FALSE
0,101	0,308	0,002	0,006	0,112	FALSE
0,021	0,308	0,000	0,008	0,013	FALSE
-0,071	0,326	-0,003	0,012	0,081	FALSE
0,062	0,311	0,002	0,011	0,078	FALSE
-0,059	0,307	-0,001	0,007	0,077	FALSE
0,017	0,308	0,000	0,012	0,002	FALSE
0,011	0,298	0,000	0,008	0,001	FALSE
0,023	0,310	0,000	0,009	0,012	FALSE
-0,130	0,320	-0,003	0,007	0,161	FALSE
-0,073	0,305	-0,003	0,010	0,096	FALSE
0,111	0,309	0,003	0,010	0,122	FALSE
-0,070	0,311	-0,002	0,009	0,096	FALSE
-0,043	0,319	-0,001	0,007	0,044	FALSE
0,004	0,308	0,000	0,009	0,008	FALSE
-0,028	0,295	-0,002	0,010	0,066	FALSE
0,037	0,296	0,001	0,007	0,044	FALSE
0,044	0,308	0,002	0,010	0,066	FALSE
-0,038	0,308	-0,001	0,011	0,040	FALSE
-0,039	0,307	-0,002	0,011	0,053	FALSE
0,082	0,310	0,002	0,008	0,108	FALSE
0,024	0,319	0,001	0,006	0,043	FALSE
0,041	0,320	0,001	0,008	0,056	FALSE
0,122	0,300	0,003	0,007	0,188	FALSE
-0,012	0,307	-0,001	0,011	0,025	FALSE
0,123	0,290	0,003	0,008	0,190	FALSE
-0,121	0,307	-0,005	0,011	0,176	FALSE
-0,004	0,310	0,000	0,006	0,013	FALSE
-0,002	0,305	0,000	0,011	0,013	FALSE
0,049	0,318	0,001	0,008	0,063	FALSE
-0,094	0,312	-0,002	0,007	0,109	FALSE
0,036	0,314	0,001	0,013	0,022	FALSE
0,103	0,307	0,004	0,013	0,118	FALSE
0,081	0,309	0,003	0,013	0,087	FALSE
0,221	0,312	0,008	0,011	0,328	FALSE
-0,011	0,305	0,000	0,007	0,023	FALSE
0,054	0,292	0,001	0,007	0,046	FALSE
0,095	0,308	0,004	0,012	0,134	FALSE
0,002	0,319	0,000	0,012	0,005	FALSE
-0,073	0,307	-0,002	0,008	0,110	FALSE

0,079	0,314	0,002	0,010	0,081	FALSE
-0,036	0,307	-0,001	0,009	0,047	FALSE
-0,031	0,292	-0,001	0,013	0,032	FALSE
0,009	0,311	0,000	0,013	0,013	FALSE
-0,082	0,303	-0,003	0,009	0,105	FALSE
-0,012	0,303	-0,001	0,011	0,043	FALSE
-0,002	0,319	0,000	0,011	0,014	FALSE
0,093	0,306	0,004	0,013	0,114	FALSE
-0,092	0,300	-0,002	0,006	0,128	FALSE
0,094	0,309	0,003	0,009	0,116	FALSE
-0,087	0,305	-0,002	0,007	0,115	FALSE
0,040	0,317	0,001	0,009	0,053	FALSE
0,054	0,297	0,003	0,012	0,084	FALSE
0,089	0,316	0,003	0,011	0,122	FALSE
-0,085	0,310	-0,002	0,007	0,088	FALSE
0,132	0,301	0,006	0,012	0,192	FALSE
0,108	0,299	0,005	0,012	0,158	FALSE
-0,085	0,327	-0,002	0,007	0,104	FALSE
0,138	0,288	0,004	0,007	0,267	FALSE
0,145	0,291	0,006	0,010	0,266	FALSE
0,003	0,296	-0,001	0,013	0,031	FALSE
0,113	0,298	0,005	0,012	0,166	FALSE
0,021	0,308	0,000	0,013	0,006	FALSE
-0,022	0,305	0,000	0,007	0,020	FALSE
-0,002	0,317	0,000	0,013	0,013	FALSE
-0,067	0,307	-0,001	0,009	0,056	FALSE
-0,122	0,306	-0,004	0,009	0,158	FALSE
-0,125	0,310	-0,003	0,008	0,172	FALSE
0,047	0,308	0,001	0,006	0,046	FALSE
0,011	0,315	0,000	0,007	0,005	FALSE
-0,033	0,314	-0,001	0,012	0,029	FALSE
-0,083	0,303	-0,003	0,011	0,092	FALSE
0,049	0,311	0,001	0,008	0,055	FALSE
-0,035	0,289	-0,001	0,011	0,048	FALSE
0,033	0,300	0,001	0,009	0,042	FALSE
0,032	0,319	0,001	0,009	0,034	FALSE
-0,133	0,310	-0,006	0,012	0,195	FALSE
-0,155	0,304	-0,004	0,007	0,217	FALSE
-0,163	0,302	-0,008	0,013	0,262	FALSE
-0,162	0,312	-0,008	0,013	0,256	FALSE
-0,068	0,311	-0,002	0,007	0,084	FALSE
-0,155	0,288	-0,008	0,013	0,265	FALSE
-0,048	0,312	-0,002	0,009	0,063	FALSE
-0,139	0,313	-0,003	0,007	0,188	FALSE
-0,015	0,311	-0,001	0,013	0,019	FALSE
-0,016	0,308	-0,001	0,010	0,040	FALSE
-0,044	0,316	-0,001	0,009	0,045	FALSE
0,084	0,299	0,003	0,013	0,082	FALSE
0,031	0,322	0,000	0,007	0,024	FALSE
0,030	0,299	0,001	0,007	0,031	FALSE
0,039	0,319	0,000	0,010	0,008	FALSE
-0,028	0,309	0,000	0,011	0,013	FALSE
0,043	0,308	0,001	0,009	0,047	FALSE

0,049	0,306	0,001	0,010	0,031	FALSE
0,096	0,311	0,003	0,008	0,142	FALSE
-0,095	0,305	-0,002	0,008	0,126	FALSE
-0,155	0,303	-0,003	0,007	0,218	FALSE
-0,056	0,321	-0,002	0,010	0,076	FALSE
0,175	0,308	0,005	0,009	0,241	FALSE
-0,033	0,302	-0,001	0,010	0,028	FALSE
-0,021	0,317	-0,002	0,011	0,050	FALSE
-0,024	0,310	-0,001	0,010	0,052	FALSE
-0,064	0,314	-0,003	0,012	0,091	FALSE
0,156	0,297	0,005	0,010	0,222	FALSE
-0,086	0,308	-0,003	0,011	0,096	FALSE
0,055	0,320	0,002	0,007	0,082	FALSE
0,029	0,321	0,001	0,008	0,050	FALSE
0,053	0,287	0,002	0,007	0,091	FALSE
-0,099	0,321	-0,002	0,007	0,136	FALSE
0,082	0,303	0,003	0,009	0,112	FALSE
0,042	0,310	0,001	0,007	0,056	FALSE
0,003	0,312	0,000	0,010	0,007	FALSE
-0,106	0,305	-0,003	0,008	0,134	FALSE
-0,082	0,305	-0,002	0,010	0,066	FALSE
0,020	0,318	0,000	0,007	0,022	FALSE
0,100	0,308	0,003	0,013	0,104	FALSE
0,036	0,314	0,002	0,011	0,065	FALSE
-0,190	0,297	-0,004	0,007	0,260	FALSE
0,018	0,308	0,000	0,007	0,022	FALSE
0,104	0,298	0,003	0,008	0,141	FALSE
-0,174	0,307	-0,004	0,008	0,217	FALSE
-0,038	0,312	-0,001	0,009	0,056	FALSE
0,007	0,309	0,000	0,009	0,001	FALSE
0,025	0,296	0,002	0,013	0,065	FALSE
0,061	0,293	0,004	0,013	0,113	FALSE
0,059	0,292	0,003	0,012	0,109	FALSE
0,056	0,300	0,003	0,010	0,108	FALSE
-0,059	0,325	-0,002	0,010	0,077	FALSE
-0,064	0,311	-0,002	0,010	0,089	FALSE
0,048	0,310	0,001	0,008	0,055	FALSE
0,012	0,319	0,001	0,009	0,036	FALSE
-0,114	0,307	-0,004	0,010	0,187	FALSE
0,136	0,303	0,005	0,011	0,185	FALSE
-0,042	0,303	-0,002	0,011	0,055	FALSE
0,032	0,306	0,000	0,010	0,014	FALSE
0,118	0,314	0,006	0,013	0,190	FALSE
0,113	0,286	0,005	0,010	0,211	FALSE
-0,058	0,318	-0,002	0,012	0,056	FALSE
-0,050	0,310	-0,002	0,012	0,049	FALSE
-0,113	0,306	-0,005	0,011	0,198	FALSE
0,003	0,316	0,000	0,012	0,000	FALSE
0,055	0,316	0,002	0,011	0,055	FALSE
0,068	0,304	0,003	0,012	0,105	FALSE
0,026	0,320	0,001	0,012	0,036	FALSE
0,011	0,329	0,001	0,013	0,018	FALSE
0,020	0,321	0,001	0,013	0,017	FALSE

0,059	0,319	0,003	0,013	0,075	FALSE
0,029	0,318	0,001	0,008	0,023	FALSE
0,056	0,312	0,001	0,007	0,065	FALSE
-0,011	0,315	0,000	0,007	0,005	FALSE
-0,043	0,305	-0,001	0,009	0,047	FALSE
-0,108	0,303	-0,004	0,011	0,143	FALSE
0,030	0,309	0,001	0,012	0,034	FALSE
0,041	0,318	0,002	0,013	0,055	FALSE
0,035	0,316	0,002	0,013	0,046	FALSE
-0,018	0,315	0,000	0,009	0,016	FALSE
0,021	0,323	0,001	0,013	0,027	FALSE
0,069	0,298	0,002	0,010	0,079	FALSE
0,090	0,295	0,003	0,010	0,121	FALSE
0,073	0,300	0,002	0,010	0,069	FALSE
-0,077	0,307	-0,002	0,009	0,097	FALSE
-0,097	0,313	-0,003	0,010	0,123	FALSE
-0,020	0,303	-0,001	0,006	0,054	FALSE
-0,085	0,303	-0,002	0,006	0,136	FALSE
0,063	0,309	0,002	0,007	0,095	FALSE
0,068	0,314	0,002	0,007	0,083	FALSE
0,091	0,304	0,002	0,007	0,107	FALSE
0,070	0,289	0,002	0,007	0,095	FALSE
0,080	0,312	0,002	0,007	0,079	FALSE
0,043	0,303	0,001	0,007	0,050	FALSE
0,122	0,305	0,003	0,007	0,166	FALSE
0,098	0,307	0,002	0,008	0,122	FALSE
0,088	0,319	0,002	0,008	0,117	FALSE
0,094	0,311	0,002	0,007	0,115	FALSE
0,077	0,308	0,002	0,008	0,102	FALSE
0,100	0,293	0,002	0,007	0,128	FALSE
0,121	0,308	0,003	0,007	0,147	FALSE
0,099	0,302	0,002	0,007	0,129	FALSE
0,096	0,305	0,003	0,007	0,133	FALSE
0,126	0,308	0,003	0,007	0,165	FALSE
0,094	0,303	0,002	0,007	0,120	FALSE
0,101	0,306	0,002	0,008	0,125	FALSE
0,104	0,301	0,002	0,007	0,138	FALSE
0,101	0,306	0,002	0,008	0,128	FALSE
0,117	0,289	0,003	0,007	0,170	FALSE
0,085	0,302	0,002	0,008	0,120	FALSE
-0,064	0,321	-0,001	0,008	0,046	FALSE
0,079	0,320	0,002	0,008	0,094	FALSE
0,084	0,304	0,002	0,008	0,108	FALSE
0,114	0,308	0,003	0,008	0,153	FALSE
0,121	0,310	0,003	0,008	0,157	FALSE
0,099	0,306	0,003	0,008	0,118	FALSE
0,129	0,316	0,006	0,012	0,193	FALSE
0,091	0,314	0,003	0,011	0,122	FALSE
0,119	0,296	0,006	0,012	0,194	FALSE
-0,110	0,303	-0,003	0,008	0,151	FALSE
0,082	0,307	0,003	0,009	0,119	FALSE
-0,028	0,305	-0,002	0,013	0,043	FALSE
0,087	0,295	0,003	0,011	0,107	FALSE

0,099	0,299	0,003	0,011	0,095	FALSE
0,044	0,289	0,001	0,007	0,075	FALSE
-0,003	0,304	0,001	0,008	0,024	FALSE
-0,083	0,303	-0,002	0,006	0,095	FALSE
0,068	0,289	0,003	0,010	0,109	FALSE
-0,015	0,281	0,000	0,009	0,014	FALSE
0,011	0,313	0,000	0,009	0,016	FALSE
0,065	0,308	0,003	0,012	0,094	FALSE
-0,036	0,304	0,000	0,010	0,016	FALSE
-0,011	0,316	0,000	0,010	0,015	FALSE
0,078	0,296	0,002	0,009	0,101	FALSE
-0,039	0,318	-0,001	0,007	0,058	FALSE
0,012	0,311	0,000	0,008	0,007	FALSE
-0,155	0,297	-0,005	0,008	0,250	FALSE
-0,097	0,300	-0,002	0,007	0,119	FALSE
-0,063	0,309	-0,001	0,007	0,076	FALSE
-0,097	0,297	-0,002	0,006	0,133	FALSE
-0,083	0,288	-0,002	0,006	0,110	FALSE
-0,100	0,299	-0,002	0,006	0,135	FALSE
-0,075	0,309	-0,002	0,007	0,098	FALSE
0,054	0,310	0,003	0,012	0,096	FALSE
0,057	0,296	0,001	0,006	0,067	FALSE
0,033	0,315	0,001	0,006	0,042	FALSE
0,045	0,318	0,002	0,013	0,070	FALSE
-0,074	0,303	-0,003	0,012	0,107	FALSE
-0,113	0,299	-0,003	0,009	0,146	FALSE
0,038	0,308	0,000	0,007	0,025	FALSE
0,044	0,310	0,001	0,008	0,045	FALSE
-0,091	0,306	-0,004	0,011	0,132	FALSE
0,043	0,301	0,001	0,007	0,076	FALSE
-0,090	0,298	-0,001	0,007	0,072	FALSE
0,011	0,305	0,000	0,012	0,008	FALSE
0,030	0,295	0,000	0,008	0,003	FALSE
0,000	0,302	0,000	0,012	0,007	FALSE
-0,114	0,307	-0,002	0,007	0,133	FALSE
-0,006	0,306	-0,001	0,007	0,029	FALSE
0,017	0,314	0,000	0,013	0,007	FALSE
0,020	0,315	0,000	0,010	0,017	FALSE
0,088	0,302	0,004	0,012	0,115	FALSE
-0,046	0,307	-0,002	0,009	0,083	FALSE
0,001	0,303	0,000	0,011	0,009	FALSE
-0,129	0,303	-0,003	0,008	0,139	FALSE
-0,003	0,309	0,000	0,007	0,001	FALSE
-0,035	0,299	-0,002	0,010	0,054	FALSE
-0,029	0,296	-0,001	0,011	0,043	FALSE
-0,040	0,302	-0,001	0,008	0,058	FALSE
0,047	0,306	0,002	0,011	0,054	FALSE
0,094	0,310	0,003	0,012	0,105	FALSE
0,040	0,310	0,001	0,011	0,049	FALSE
0,062	0,294	0,001	0,007	0,071	FALSE
-0,005	0,286	0,001	0,011	0,024	FALSE
0,242	0,302	0,007	0,008	0,406	FALSE
0,044	0,310	0,001	0,007	0,058	FALSE

0,149	0,300	0,003	0,006	0,225	FALSE
0,092	0,314	0,003	0,009	0,125	FALSE
0,118	0,301	0,003	0,009	0,126	FALSE
0,102	0,326	0,002	0,009	0,093	FALSE
0,092	0,318	0,002	0,009	0,082	FALSE
-0,206	0,303	-0,009	0,012	0,310	FALSE
-0,153	0,301	-0,005	0,011	0,175	FALSE
-0,031	0,304	-0,001	0,008	0,024	FALSE
-0,002	0,317	0,000	0,008	0,016	FALSE
-0,109	0,307	-0,004	0,009	0,162	FALSE
0,040	0,297	0,002	0,009	0,067	FALSE
0,121	0,307	0,005	0,011	0,210	FALSE
-0,014	0,304	-0,002	0,010	0,059	FALSE
0,032	0,298	0,001	0,010	0,049	FALSE
-0,083	0,310	-0,002	0,007	0,104	FALSE
0,029	0,299	0,001	0,011	0,022	FALSE
0,151	0,298	0,004	0,008	0,206	FALSE
-0,093	0,301	-0,004	0,011	0,134	FALSE
-0,106	0,310	-0,004	0,011	0,135	FALSE
0,121	0,310	0,003	0,007	0,192	FALSE
0,057	0,306	0,002	0,007	0,080	FALSE
-0,093	0,303	-0,003	0,013	0,104	FALSE
-0,078	0,314	-0,002	0,008	0,093	FALSE
-0,005	0,301	-0,001	0,012	0,027	FALSE
-0,011	0,299	0,000	0,009	0,019	FALSE
-0,113	0,291	-0,002	0,007	0,136	FALSE
0,029	0,319	0,001	0,013	0,030	FALSE
-0,034	0,314	-0,001	0,007	0,056	FALSE
0,055	0,297	0,003	0,011	0,089	FALSE
0,134	0,303	0,005	0,010	0,216	FALSE
-0,104	0,314	-0,005	0,010	0,185	FALSE
0,011	0,320	0,001	0,007	0,047	FALSE
-0,114	0,311	-0,003	0,010	0,126	FALSE
0,096	0,303	0,003	0,008	0,120	FALSE
0,014	0,306	0,000	0,009	0,020	FALSE
-0,104	0,310	-0,003	0,007	0,148	FALSE
0,036	0,315	0,001	0,012	0,041	FALSE
-0,064	0,313	-0,001	0,006	0,082	FALSE
-0,060	0,307	-0,001	0,008	0,060	FALSE
0,216	0,303	0,008	0,011	0,308	FALSE
-0,047	0,325	-0,001	0,007	0,051	FALSE
0,077	0,301	0,003	0,012	0,082	FALSE
-0,123	0,295	-0,003	0,007	0,175	FALSE
-0,055	0,294	-0,003	0,011	0,115	FALSE
0,114	0,308	0,004	0,011	0,146	FALSE
-0,061	0,310	-0,002	0,009	0,071	FALSE
-0,002	0,322	-0,001	0,012	0,019	FALSE
0,153	0,299	0,004	0,009	0,193	FALSE
0,052	0,301	0,002	0,007	0,090	FALSE
0,129	0,303	0,005	0,012	0,172	FALSE
0,155	0,302	0,006	0,012	0,210	FALSE
-0,057	0,315	-0,001	0,009	0,055	FALSE
0,110	0,309	0,004	0,012	0,125	FALSE

-0,064	0,312	-0,002	0,012	0,073	FALSE
-0,101	0,314	-0,002	0,009	0,097	FALSE
0,090	0,299	0,002	0,007	0,093	FALSE
-0,047	0,305	-0,001	0,006	0,063	FALSE
-0,051	0,306	-0,001	0,010	0,052	FALSE
0,036	0,303	0,002	0,008	0,095	FALSE
-0,049	0,306	-0,001	0,011	0,027	FALSE
0,035	0,297	0,001	0,012	0,031	FALSE
0,072	0,304	0,003	0,012	0,099	FALSE
0,090	0,306	0,003	0,010	0,123	FALSE
0,130	0,294	0,003	0,009	0,140	FALSE
0,027	0,314	0,000	0,012	0,014	FALSE
0,013	0,319	0,000	0,011	0,010	FALSE
0,073	0,307	0,002	0,008	0,085	FALSE
-0,090	0,312	-0,004	0,013	0,114	FALSE
0,062	0,320	0,002	0,010	0,077	FALSE
-0,092	0,306	-0,002	0,006	0,102	FALSE
0,125	0,308	0,003	0,006	0,185	FALSE
-0,100	0,309	-0,003	0,008	0,129	FALSE
0,062	0,295	0,002	0,006	0,120	FALSE
0,130	0,300	0,004	0,010	0,159	FALSE
-0,064	0,307	-0,002	0,006	0,094	FALSE
-0,010	0,307	0,000	0,007	0,012	FALSE
0,130	0,307	0,005	0,013	0,166	FALSE
-0,099	0,307	-0,002	0,006	0,121	FALSE
0,028	0,308	0,001	0,011	0,041	FALSE
-0,158	0,312	-0,003	0,007	0,196	FALSE
0,018	0,308	0,001	0,010	0,019	FALSE
-0,007	0,306	0,000	0,008	0,009	FALSE
0,107	0,303	0,003	0,010	0,130	FALSE
0,031	0,308	0,001	0,010	0,036	FALSE
0,038	0,298	0,000	0,006	0,027	FALSE
-0,069	0,295	-0,003	0,012	0,096	FALSE
-0,121	0,302	-0,003	0,007	0,142	FALSE
-0,099	0,296	-0,003	0,010	0,100	FALSE
-0,122	0,300	-0,004	0,010	0,175	FALSE
-0,156	0,302	-0,005	0,009	0,233	FALSE
-0,007	0,310	-0,001	0,009	0,022	FALSE
-0,004	0,309	-0,001	0,013	0,014	FALSE
0,048	0,311	0,001	0,010	0,042	FALSE
-0,056	0,311	-0,002	0,009	0,086	FALSE
0,085	0,309	0,003	0,011	0,113	FALSE
0,086	0,300	0,003	0,010	0,131	FALSE
0,053	0,292	0,002	0,011	0,065	FALSE
0,047	0,307	0,002	0,011	0,073	FALSE
-0,028	0,308	0,000	0,007	0,022	FALSE
-0,044	0,307	-0,002	0,009	0,060	FALSE
-0,054	0,319	-0,001	0,009	0,050	FALSE
-0,138	0,310	-0,004	0,009	0,191	FALSE
0,063	0,309	0,002	0,010	0,057	FALSE
0,084	0,314	0,002	0,008	0,114	FALSE
-0,080	0,314	-0,001	0,007	0,080	FALSE
-0,059	0,318	-0,001	0,011	0,045	FALSE

-0,134	0,323	-0,005	0,013	0,176	FALSE
0,040	0,305	0,001	0,010	0,028	FALSE
0,103	0,283	0,005	0,012	0,148	FALSE
-0,044	0,307	-0,001	0,012	0,024	FALSE
-0,118	0,307	-0,005	0,010	0,195	FALSE
0,059	0,303	0,003	0,012	0,089	FALSE
-0,117	0,313	-0,005	0,010	0,183	FALSE
0,012	0,309	0,002	0,013	0,066	FALSE
0,037	0,308	0,003	0,013	0,094	FALSE
0,033	0,305	0,003	0,013	0,103	FALSE
0,073	0,292	0,004	0,011	0,144	FALSE
0,063	0,310	0,002	0,010	0,094	FALSE
0,092	0,322	0,004	0,013	0,121	FALSE
-0,117	0,305	-0,006	0,012	0,201	FALSE
0,096	0,273	0,003	0,007	0,167	FALSE
-0,011	0,315	0,000	0,007	0,018	FALSE
-0,023	0,300	0,000	0,010	0,012	FALSE
0,006	0,316	0,000	0,007	0,015	FALSE
-0,117	0,297	-0,003	0,008	0,153	FALSE
0,042	0,313	0,002	0,008	0,071	FALSE
-0,011	0,312	0,000	0,013	0,004	FALSE
0,093	0,301	0,003	0,013	0,091	FALSE
0,104	0,312	0,002	0,007	0,134	FALSE
-0,001	0,311	0,000	0,012	0,007	FALSE
-0,001	0,320	0,000	0,007	0,002	FALSE
0,082	0,306	0,003	0,010	0,122	FALSE
-0,127	0,302	-0,003	0,007	0,173	FALSE
0,028	0,318	0,001	0,007	0,041	FALSE
-0,133	0,303	-0,003	0,007	0,173	FALSE
-0,028	0,296	-0,001	0,007	0,048	FALSE
0,123	0,292	0,002	0,007	0,129	FALSE
-0,028	0,321	-0,002	0,013	0,052	FALSE
0,016	0,303	0,001	0,011	0,033	FALSE
0,034	0,310	0,002	0,012	0,049	FALSE
0,049	0,303	0,002	0,010	0,068	FALSE
-0,138	0,309	-0,004	0,007	0,212	FALSE
-0,060	0,308	-0,003	0,011	0,102	FALSE
-0,050	0,305	-0,002	0,009	0,072	FALSE
0,052	0,311	0,002	0,008	0,072	FALSE
0,037	0,304	0,001	0,007	0,040	FALSE
0,134	0,295	0,005	0,010	0,190	FALSE
0,068	0,300	0,002	0,009	0,101	FALSE
0,146	0,298	0,004	0,009	0,213	FALSE
-0,118	0,307	-0,005	0,013	0,169	FALSE
-0,030	0,306	-0,002	0,013	0,055	FALSE
0,047	0,303	0,001	0,013	0,043	FALSE
-0,023	0,313	-0,001	0,007	0,028	FALSE
-0,051	0,299	-0,002	0,011	0,086	FALSE
0,050	0,309	0,002	0,009	0,070	FALSE
-0,051	0,312	-0,002	0,011	0,067	FALSE
0,055	0,319	0,002	0,009	0,077	FALSE
-0,168	0,316	-0,007	0,013	0,248	FALSE
-0,046	0,309	-0,001	0,007	0,028	FALSE

-0,067	0,303	-0,002	0,010	0,059	FALSE
-0,016	0,315	0,000	0,007	0,005	FALSE
-0,002	0,297	0,001	0,007	0,026	FALSE
0,024	0,305	0,001	0,013	0,023	FALSE
0,074	0,299	0,004	0,012	0,129	FALSE
0,058	0,307	0,002	0,010	0,090	FALSE
-0,017	0,293	0,000	0,007	0,008	FALSE
0,031	0,292	0,001	0,011	0,026	FALSE
0,186	0,287	0,007	0,012	0,265	FALSE
-0,098	0,307	-0,002	0,008	0,115	FALSE
0,053	0,312	0,002	0,007	0,095	FALSE
0,020	0,317	0,001	0,010	0,022	FALSE
0,118	0,303	0,004	0,012	0,142	FALSE
-0,116	0,297	-0,003	0,007	0,149	FALSE
-0,095	0,289	-0,003	0,012	0,084	FALSE
-0,040	0,309	-0,001	0,007	0,036	FALSE
0,040	0,313	0,001	0,009	0,059	FALSE
-0,050	0,307	-0,002	0,012	0,050	FALSE
-0,161	0,304	-0,005	0,010	0,201	FALSE
-0,004	0,293	0,000	0,010	0,003	FALSE
0,107	0,304	0,003	0,006	0,191	FALSE
0,043	0,311	0,001	0,006	0,043	FALSE
0,017	0,319	0,001	0,006	0,047	FALSE
0,066	0,313	0,001	0,007	0,076	FALSE
0,107	0,308	0,004	0,011	0,134	FALSE
0,030	0,302	0,001	0,008	0,053	FALSE
0,102	0,294	0,002	0,006	0,156	FALSE
-0,076	0,320	-0,002	0,007	0,088	FALSE
-0,105	0,312	-0,004	0,013	0,124	FALSE
-0,093	0,307	-0,003	0,010	0,118	FALSE
-0,015	0,306	-0,001	0,008	0,035	FALSE
-0,023	0,306	0,000	0,008	0,020	FALSE
0,186	0,304	0,004	0,007	0,276	FALSE
0,184	0,302	0,004	0,006	0,270	FALSE
-0,068	0,306	-0,002	0,008	0,088	FALSE
-0,062	0,287	-0,002	0,007	0,093	FALSE
0,211	0,300	0,007	0,011	0,291	FALSE
0,006	0,307	0,001	0,006	0,048	FALSE
0,228	0,290	0,007	0,009	0,350	FALSE
-0,133	0,297	-0,003	0,007	0,183	FALSE
0,166	0,289	0,005	0,008	0,307	FALSE
0,072	0,316	0,003	0,011	0,116	FALSE
0,043	0,302	0,001	0,010	0,054	FALSE
-0,026	0,306	-0,001	0,010	0,037	FALSE
0,068	0,310	0,002	0,010	0,082	FALSE
0,050	0,311	0,002	0,011	0,082	FALSE
0,049	0,304	0,002	0,012	0,076	FALSE
-0,036	0,316	-0,001	0,011	0,036	FALSE
-0,019	0,319	-0,001	0,011	0,030	FALSE
0,012	0,306	0,000	0,007	0,025	FALSE
-0,026	0,296	-0,001	0,006	0,069	FALSE
-0,058	0,321	-0,003	0,013	0,080	FALSE
0,010	0,318	0,000	0,009	0,000	FALSE

-0,012	0,309	0,000	0,009	0,017	FALSE
0,101	0,312	0,005	0,012	0,145	FALSE
0,068	0,312	0,003	0,013	0,095	FALSE
-0,130	0,314	-0,004	0,009	0,167	FALSE
-0,082	0,300	-0,003	0,010	0,117	FALSE
-0,066	0,295	-0,002	0,009	0,098	FALSE
-0,036	0,310	-0,001	0,007	0,043	FALSE
-0,021	0,305	0,000	0,008	0,007	FALSE
0,024	0,308	0,001	0,011	0,048	FALSE
0,081	0,302	0,002	0,010	0,075	FALSE
-0,052	0,305	-0,001	0,010	0,040	FALSE
0,064	0,326	0,002	0,013	0,064	FALSE
-0,079	0,316	-0,003	0,009	0,113	FALSE
0,002	0,311	0,000	0,013	0,009	FALSE
0,070	0,296	0,002	0,007	0,095	FALSE
0,095	0,312	0,003	0,008	0,143	FALSE
-0,060	0,322	-0,002	0,011	0,069	FALSE
-0,002	0,303	0,000	0,010	0,011	FALSE
-0,113	0,309	-0,004	0,011	0,159	FALSE
0,019	0,307	0,000	0,009	0,010	FALSE
0,052	0,302	0,002	0,010	0,061	FALSE
-0,081	0,311	-0,003	0,009	0,113	FALSE
0,049	0,303	0,001	0,007	0,081	FALSE
0,035	0,300	0,001	0,008	0,032	FALSE
0,098	0,306	0,003	0,009	0,146	FALSE
-0,053	0,298	-0,001	0,011	0,038	FALSE
-0,076	0,305	-0,003	0,009	0,116	FALSE
-0,020	0,311	-0,002	0,013	0,048	FALSE
-0,095	0,305	-0,002	0,006	0,149	FALSE
0,042	0,310	0,002	0,009	0,070	FALSE
0,010	0,313	0,000	0,007	0,014	FALSE
-0,113	0,291	-0,003	0,009	0,145	FALSE
-0,113	0,297	-0,003	0,009	0,140	FALSE
-0,042	0,299	0,000	0,009	0,016	FALSE
-0,059	0,315	-0,001	0,008	0,040	FALSE
-0,008	0,312	0,000	0,009	0,013	FALSE
-0,112	0,310	-0,002	0,007	0,135	FALSE
-0,048	0,309	-0,001	0,011	0,048	FALSE
-0,055	0,294	-0,001	0,008	0,060	FALSE
-0,049	0,299	-0,002	0,013	0,063	FALSE
-0,017	0,314	-0,001	0,011	0,036	FALSE
-0,104	0,307	-0,002	0,007	0,097	FALSE
-0,075	0,310	-0,002	0,006	0,094	FALSE
0,010	0,304	0,000	0,008	0,019	FALSE
-0,046	0,302	-0,001	0,013	0,030	FALSE
-0,012	0,304	0,000	0,011	0,016	FALSE
-0,023	0,331	0,000	0,009	0,009	FALSE
-0,003	0,312	0,001	0,009	0,034	FALSE
0,065	0,310	0,002	0,008	0,073	FALSE
0,059	0,314	0,002	0,010	0,057	FALSE
0,057	0,311	0,002	0,012	0,062	FALSE
-0,093	0,316	-0,002	0,008	0,111	FALSE
-0,104	0,305	-0,002	0,007	0,123	FALSE

0,038	0,308	0,000	0,009	0,019	FALSE
-0,034	0,292	-0,002	0,012	0,050	FALSE
0,003	0,297	0,001	0,008	0,035	FALSE
0,129	0,293	0,003	0,008	0,146	FALSE
-0,102	0,300	-0,003	0,013	0,088	FALSE
-0,074	0,309	-0,002	0,009	0,098	FALSE
0,195	0,293	0,007	0,011	0,271	FALSE
-0,047	0,320	-0,002	0,011	0,053	FALSE
0,202	0,299	0,005	0,007	0,284	FALSE
-0,060	0,311	-0,003	0,013	0,079	FALSE
0,114	0,283	0,003	0,008	0,120	FALSE
0,054	0,303	0,002	0,009	0,087	FALSE
0,070	0,298	0,003	0,009	0,116	FALSE
0,165	0,297	0,003	0,006	0,186	FALSE
-0,107	0,317	-0,003	0,008	0,149	FALSE
0,125	0,297	0,004	0,010	0,163	FALSE
-0,138	0,297	-0,007	0,012	0,237	FALSE
-0,061	0,311	-0,002	0,012	0,065	FALSE
-0,056	0,305	-0,002	0,012	0,060	FALSE
0,061	0,315	0,002	0,009	0,061	FALSE
0,012	0,292	0,000	0,007	0,021	FALSE
0,012	0,318	0,000	0,009	0,011	FALSE
-0,010	0,300	-0,001	0,007	0,060	FALSE
0,042	0,294	0,002	0,010	0,059	FALSE
0,045	0,307	0,002	0,011	0,066	FALSE
0,018	0,320	0,001	0,011	0,023	FALSE
0,018	0,304	0,001	0,010	0,036	FALSE
0,049	0,305	0,002	0,010	0,071	FALSE
0,028	0,305	0,001	0,010	0,043	FALSE
0,076	0,304	0,003	0,010	0,103	FALSE
0,080	0,306	0,003	0,011	0,110	FALSE
-0,021	0,308	-0,001	0,011	0,021	FALSE
-0,010	0,313	0,000	0,006	0,016	FALSE
0,079	0,318	0,003	0,013	0,089	FALSE
-0,053	0,315	-0,002	0,012	0,060	FALSE
-0,073	0,297	-0,002	0,011	0,069	FALSE
-0,055	0,303	-0,001	0,011	0,046	FALSE
0,054	0,318	0,001	0,008	0,063	FALSE
-0,140	0,298	-0,005	0,012	0,165	FALSE
-0,089	0,306	-0,003	0,012	0,098	FALSE
-0,116	0,295	-0,004	0,012	0,143	FALSE
-0,146	0,292	-0,005	0,012	0,182	FALSE
-0,124	0,304	-0,004	0,013	0,138	FALSE
-0,188	0,299	-0,007	0,012	0,249	FALSE
-0,092	0,284	-0,004	0,010	0,152	FALSE
-0,063	0,327	-0,002	0,014	0,066	FALSE
-0,016	0,305	-0,001	0,012	0,025	FALSE
-0,012	0,300	-0,001	0,012	0,022	FALSE
-0,092	0,305	-0,003	0,012	0,109	FALSE
0,011	0,304	0,000	0,010	0,004	FALSE
-0,058	0,296	-0,001	0,007	0,074	FALSE
-0,077	0,301	-0,002	0,007	0,123	FALSE
-0,046	0,316	-0,002	0,008	0,070	FALSE

0,091	0,317	0,003	0,009	0,118	FALSE
-0,069	0,319	-0,002	0,010	0,087	FALSE
0,015	0,303	0,001	0,008	0,038	FALSE
0,035	0,304	0,001	0,011	0,042	FALSE
-0,054	0,301	-0,003	0,011	0,088	FALSE
-0,107	0,312	-0,004	0,013	0,115	FALSE
0,018	0,302	0,000	0,011	0,003	FALSE
0,008	0,318	0,000	0,012	0,000	FALSE
0,037	0,315	0,001	0,011	0,048	FALSE
0,033	0,316	0,001	0,012	0,025	FALSE
0,141	0,289	0,003	0,008	0,175	FALSE
0,139	0,295	0,004	0,008	0,183	FALSE
-0,183	0,315	-0,005	0,009	0,273	FALSE
0,166	0,310	0,005	0,009	0,232	FALSE
-0,151	0,306	-0,003	0,007	0,192	FALSE
0,031	0,307	0,002	0,013	0,055	FALSE
0,069	0,307	0,002	0,009	0,066	FALSE
0,021	0,285	0,001	0,010	0,024	FALSE
0,040	0,294	0,001	0,010	0,040	FALSE
0,089	0,307	0,002	0,007	0,128	FALSE
0,076	0,300	0,002	0,009	0,080	FALSE
0,078	0,298	0,005	0,012	0,168	FALSE
0,104	0,310	0,005	0,013	0,144	FALSE
0,027	0,310	0,000	0,007	0,011	FALSE
0,019	0,305	0,001	0,008	0,022	FALSE
-0,018	0,304	-0,002	0,011	0,052	FALSE
-0,025	0,314	-0,001	0,010	0,036	FALSE
0,089	0,311	0,003	0,009	0,129	FALSE
-0,007	0,314	-0,001	0,009	0,033	FALSE
-0,033	0,308	-0,001	0,009	0,056	FALSE
0,015	0,311	0,000	0,008	0,001	FALSE
-0,146	0,316	-0,003	0,007	0,194	FALSE
0,003	0,310	0,000	0,009	0,015	FALSE
0,068	0,314	0,003	0,009	0,118	FALSE
0,057	0,310	0,002	0,009	0,087	FALSE
0,069	0,301	0,002	0,009	0,091	FALSE
-0,077	0,309	-0,003	0,012	0,080	FALSE
0,002	0,296	0,000	0,012	0,009	FALSE
0,090	0,313	0,002	0,007	0,121	FALSE
0,073	0,284	0,003	0,009	0,107	FALSE
0,159	0,286	0,004	0,008	0,222	FALSE
0,032	0,302	0,002	0,012	0,049	FALSE
-0,029	0,316	0,000	0,009	0,010	FALSE
-0,024	0,283	0,000	0,008	0,015	FALSE
-0,033	0,294	-0,001	0,012	0,043	FALSE
0,081	0,313	0,003	0,011	0,093	FALSE
-0,092	0,320	-0,004	0,013	0,133	FALSE
-0,138	0,295	-0,005	0,012	0,172	FALSE
0,124	0,298	0,002	0,007	0,140	FALSE
0,070	0,296	0,002	0,006	0,110	FALSE
-0,001	0,290	0,000	0,010	0,014	FALSE
0,040	0,301	0,001	0,009	0,064	FALSE
-0,132	0,300	-0,004	0,012	0,135	FALSE

0,089	0,312	0,002	0,008	0,096	FALSE
0,039	0,305	0,001	0,010	0,029	FALSE
0,000	0,314	0,000	0,009	0,015	FALSE
-0,101	0,308	-0,004	0,012	0,123	FALSE
0,057	0,312	0,002	0,008	0,118	FALSE
-0,010	0,304	0,000	0,006	0,009	FALSE
-0,172	0,316	-0,007	0,011	0,270	FALSE
-0,204	0,301	-0,009	0,012	0,341	FALSE
-0,042	0,315	-0,001	0,008	0,053	FALSE
0,035	0,310	0,001	0,013	0,023	FALSE
-0,012	0,301	0,000	0,008	0,018	FALSE
0,055	0,294	0,001	0,007	0,063	FALSE
0,060	0,317	0,002	0,011	0,056	FALSE
-0,021	0,320	-0,001	0,013	0,032	FALSE
-0,043	0,323	-0,002	0,012	0,047	FALSE
0,001	0,322	-0,001	0,010	0,028	FALSE
0,088	0,313	0,003	0,013	0,095	FALSE
0,029	0,313	0,001	0,013	0,015	FALSE
0,081	0,305	0,002	0,009	0,067	FALSE
0,013	0,301	0,000	0,008	0,011	FALSE
-0,146	0,310	-0,003	0,007	0,189	FALSE
0,009	0,328	0,000	0,013	0,007	FALSE
0,051	0,310	0,002	0,011	0,056	FALSE
0,186	0,291	0,005	0,008	0,319	FALSE
0,037	0,308	0,002	0,011	0,052	FALSE
-0,097	0,317	-0,002	0,008	0,100	FALSE
0,121	0,304	0,004	0,009	0,177	FALSE
-0,038	0,303	-0,001	0,008	0,044	FALSE
0,053	0,298	0,001	0,006	0,047	FALSE
-0,104	0,302	-0,002	0,006	0,097	FALSE
-0,016	0,319	0,000	0,008	0,012	FALSE
-0,103	0,309	-0,004	0,011	0,137	FALSE
0,146	0,301	0,004	0,008	0,182	FALSE
0,026	0,306	0,001	0,008	0,029	FALSE
0,084	0,304	0,002	0,008	0,111	FALSE
0,158	0,312	0,005	0,010	0,218	FALSE
0,046	0,320	0,002	0,012	0,051	FALSE
-0,048	0,312	-0,001	0,010	0,052	FALSE
-0,047	0,305	-0,001	0,007	0,054	FALSE
-0,003	0,308	0,000	0,007	0,023	FALSE
-0,022	0,317	0,000	0,010	0,015	FALSE
-0,027	0,308	-0,001	0,009	0,021	FALSE
-0,029	0,317	-0,001	0,009	0,036	FALSE
-0,004	0,308	0,000	0,007	0,014	FALSE
-0,019	0,315	0,000	0,008	0,008	FALSE
-0,121	0,305	-0,002	0,007	0,124	FALSE
-0,024	0,313	-0,001	0,009	0,028	FALSE
-0,079	0,314	-0,002	0,008	0,075	FALSE
0,025	0,305	0,001	0,012	0,031	FALSE
-0,057	0,321	-0,002	0,010	0,059	FALSE
0,056	0,318	0,001	0,008	0,065	FALSE
-0,111	0,298	-0,004	0,013	0,122	FALSE
-0,047	0,302	-0,002	0,010	0,071	FALSE

-0,121	0,312	-0,004	0,009	0,169	FALSE
0,075	0,310	0,002	0,007	0,099	FALSE
-0,053	0,301	-0,001	0,007	0,040	FALSE
-0,064	0,315	-0,002	0,007	0,085	FALSE
0,075	0,307	0,002	0,008	0,122	FALSE
-0,108	0,308	-0,004	0,009	0,170	FALSE
0,002	0,310	0,001	0,007	0,030	FALSE
0,010	0,307	0,000	0,008	0,011	FALSE
-0,070	0,299	-0,003	0,012	0,102	FALSE
0,068	0,305	0,002	0,007	0,077	FALSE
-0,042	0,325	-0,001	0,010	0,041	FALSE
-0,011	0,314	0,000	0,008	0,021	FALSE
-0,033	0,299	-0,001	0,012	0,043	FALSE
0,060	0,316	0,001	0,008	0,063	FALSE
0,094	0,302	0,004	0,012	0,134	FALSE
-0,107	0,294	-0,004	0,012	0,112	FALSE
-0,084	0,316	-0,002	0,008	0,110	FALSE
-0,019	0,305	0,000	0,012	0,006	FALSE
0,043	0,320	0,001	0,009	0,030	FALSE
-0,007	0,325	-0,001	0,010	0,033	FALSE
0,038	0,303	0,000	0,009	0,016	FALSE
0,086	0,303	0,003	0,010	0,105	FALSE
0,093	0,288	0,005	0,012	0,156	FALSE
0,037	0,302	0,001	0,008	0,050	FALSE
-0,045	0,314	-0,002	0,013	0,048	FALSE
0,019	0,311	0,001	0,011	0,032	FALSE
0,045	0,321	0,001	0,012	0,041	FALSE
-0,027	0,300	0,000	0,009	0,001	FALSE
-0,017	0,311	0,000	0,009	0,013	FALSE
0,001	0,321	0,001	0,008	0,024	FALSE
0,062	0,295	0,002	0,013	0,059	FALSE
0,029	0,302	0,000	0,008	0,014	FALSE
0,034	0,308	0,001	0,008	0,051	FALSE
0,050	0,313	0,002	0,011	0,062	FALSE
0,023	0,324	0,001	0,012	0,021	FALSE
0,100	0,325	0,003	0,011	0,109	FALSE
-0,021	0,302	-0,001	0,011	0,028	FALSE
0,105	0,306	0,003	0,009	0,149	FALSE
-0,078	0,296	-0,003	0,012	0,116	FALSE
-0,078	0,310	-0,004	0,012	0,117	FALSE
0,069	0,303	0,002	0,008	0,110	FALSE
0,063	0,307	0,003	0,012	0,079	FALSE
-0,134	0,318	-0,003	0,007	0,189	FALSE
-0,111	0,288	-0,003	0,008	0,161	FALSE
0,068	0,308	0,002	0,008	0,094	FALSE
-0,162	0,317	-0,004	0,007	0,219	FALSE
0,042	0,300	0,001	0,006	0,055	FALSE
-0,055	0,313	-0,002	0,009	0,075	FALSE
-0,079	0,294	-0,002	0,008	0,104	FALSE
0,037	0,323	0,001	0,009	0,046	FALSE
0,031	0,314	0,002	0,012	0,047	FALSE
0,081	0,317	0,003	0,012	0,081	FALSE
0,110	0,306	0,003	0,007	0,174	FALSE

-0,125	0,305	-0,004	0,009	0,183	FALSE
-0,025	0,291	-0,001	0,012	0,027	FALSE
0,066	0,306	0,002	0,008	0,075	FALSE
0,077	0,306	0,002	0,008	0,090	FALSE
0,082	0,296	0,003	0,010	0,117	FALSE
0,108	0,312	0,004	0,009	0,178	FALSE
-0,041	0,311	-0,003	0,013	0,074	FALSE
-0,032	0,296	-0,002	0,012	0,056	FALSE
0,057	0,312	0,001	0,013	0,031	FALSE
-0,042	0,303	-0,002	0,013	0,066	FALSE
-0,059	0,303	-0,003	0,011	0,096	FALSE
0,076	0,310	0,003	0,012	0,109	FALSE
-0,102	0,325	-0,005	0,013	0,155	FALSE
0,055	0,309	0,001	0,008	0,064	FALSE
0,033	0,296	0,001	0,009	0,056	FALSE
0,064	0,317	0,003	0,013	0,084	FALSE
-0,043	0,306	-0,002	0,012	0,062	FALSE
-0,031	0,286	-0,001	0,011	0,037	FALSE
0,026	0,310	0,001	0,006	0,038	FALSE
-0,087	0,296	-0,003	0,011	0,113	FALSE
-0,121	0,303	-0,004	0,011	0,155	FALSE
-0,073	0,314	-0,002	0,008	0,092	FALSE
0,030	0,306	0,000	0,012	0,010	FALSE
-0,068	0,309	-0,002	0,007	0,105	FALSE
0,009	0,318	0,000	0,010	0,003	FALSE
0,072	0,300	0,002	0,008	0,082	FALSE
-0,018	0,306	0,000	0,007	0,002	FALSE
-0,032	0,309	-0,001	0,006	0,038	FALSE
-0,029	0,313	-0,002	0,011	0,078	FALSE
0,038	0,309	0,001	0,008	0,026	FALSE
0,001	0,302	-0,001	0,012	0,017	FALSE
0,036	0,305	0,002	0,010	0,063	FALSE
-0,068	0,310	-0,002	0,010	0,071	FALSE
0,096	0,290	0,003	0,009	0,114	FALSE
-0,071	0,304	-0,002	0,011	0,085	FALSE
0,049	0,304	0,001	0,013	0,041	FALSE
0,005	0,309	0,000	0,007	0,007	FALSE
0,065	0,308	0,003	0,011	0,097	FALSE
0,057	0,313	0,001	0,007	0,078	FALSE
-0,009	0,305	0,000	0,007	0,012	FALSE
-0,095	0,308	-0,003	0,009	0,126	FALSE
0,057	0,317	0,003	0,013	0,075	FALSE
0,012	0,325	0,000	0,007	0,013	FALSE
-0,179	0,296	-0,006	0,010	0,261	FALSE
-0,096	0,302	-0,002	0,007	0,107	FALSE
-0,089	0,323	-0,003	0,012	0,105	FALSE
-0,165	0,301	-0,004	0,007	0,222	FALSE
-0,148	0,302	-0,003	0,007	0,182	FALSE
0,119	0,299	0,005	0,010	0,197	FALSE
0,089	0,292	0,004	0,011	0,150	FALSE
-0,009	0,305	0,000	0,009	0,004	FALSE
-0,024	0,322	-0,001	0,013	0,026	FALSE
0,015	0,327	0,000	0,010	0,007	FALSE

0,028	0,312	0,001	0,011	0,025	FALSE
-0,002	0,320	0,000	0,009	0,006	FALSE
0,034	0,311	0,001	0,008	0,023	FALSE
0,068	0,309	0,003	0,010	0,110	FALSE
-0,084	0,303	-0,003	0,012	0,092	FALSE
0,034	0,308	0,001	0,007	0,063	FALSE
-0,123	0,292	-0,004	0,010	0,178	FALSE
-0,092	0,309	-0,003	0,008	0,131	FALSE
-0,012	0,306	-0,001	0,012	0,015	FALSE
0,056	0,318	0,002	0,008	0,069	FALSE
-0,111	0,298	-0,003	0,008	0,153	FALSE
0,035	0,297	0,002	0,008	0,079	FALSE
0,049	0,307	0,002	0,008	0,103	FALSE
0,051	0,312	0,001	0,012	0,041	FALSE
0,017	0,311	0,000	0,013	0,007	FALSE
-0,065	0,299	-0,003	0,011	0,104	FALSE
-0,043	0,308	-0,002	0,013	0,049	FALSE
-0,139	0,303	-0,003	0,007	0,171	FALSE
-0,126	0,314	-0,002	0,007	0,142	FALSE
0,021	0,304	0,001	0,007	0,033	FALSE
-0,141	0,287	-0,003	0,006	0,171	FALSE
-0,128	0,298	-0,003	0,006	0,157	FALSE
-0,079	0,301	-0,002	0,007	0,104	FALSE
0,016	0,299	0,001	0,008	0,035	FALSE
0,150	0,304	0,004	0,008	0,189	FALSE
0,106	0,305	0,002	0,007	0,122	FALSE
-0,004	0,309	0,000	0,009	0,007	FALSE
0,044	0,314	0,002	0,010	0,087	FALSE
-0,092	0,305	-0,003	0,013	0,095	FALSE
-0,080	0,308	-0,003	0,011	0,090	FALSE
-0,053	0,298	-0,002	0,007	0,107	FALSE
-0,040	0,316	-0,001	0,008	0,051	FALSE
0,015	0,314	0,000	0,012	0,014	FALSE
0,099	0,301	0,003	0,008	0,143	FALSE
-0,082	0,313	-0,002	0,007	0,111	FALSE
0,003	0,312	0,000	0,011	0,001	FALSE
0,033	0,298	0,001	0,009	0,046	FALSE
0,026	0,301	0,001	0,009	0,034	FALSE
0,026	0,312	0,000	0,011	0,009	FALSE
0,138	0,310	0,005	0,010	0,205	FALSE
0,047	0,319	0,001	0,007	0,058	FALSE
0,056	0,290	0,002	0,008	0,097	FALSE
-0,076	0,302	-0,002	0,008	0,103	FALSE
0,111	0,295	0,005	0,013	0,165	FALSE
-0,086	0,294	-0,004	0,011	0,140	FALSE
-0,084	0,312	-0,002	0,008	0,087	FALSE
0,141	0,303	0,004	0,009	0,196	FALSE
0,102	0,306	0,003	0,008	0,146	FALSE
0,008	0,308	0,000	0,010	0,001	FALSE
0,004	0,320	0,000	0,010	0,016	FALSE
-0,108	0,309	-0,005	0,013	0,166	FALSE
0,018	0,313	0,001	0,007	0,029	FALSE
-0,104	0,317	-0,002	0,008	0,098	FALSE

-0,029	0,298	-0,001	0,009	0,041	FALSE
0,029	0,308	0,001	0,008	0,049	FALSE
-0,151	0,289	-0,005	0,009	0,222	FALSE
0,070	0,311	0,001	0,007	0,080	FALSE
0,111	0,306	0,004	0,011	0,144	FALSE
-0,070	0,309	-0,002	0,008	0,096	FALSE
-0,054	0,310	-0,002	0,009	0,073	FALSE
0,088	0,314	0,002	0,007	0,094	FALSE
0,083	0,317	0,003	0,009	0,115	FALSE
0,100	0,296	0,004	0,012	0,131	FALSE
0,023	0,307	0,001	0,013	0,014	FALSE
-0,097	0,303	-0,003	0,009	0,144	FALSE
0,017	0,310	0,000	0,007	0,025	FALSE
-0,072	0,323	-0,003	0,011	0,093	FALSE
0,077	0,303	0,002	0,007	0,099	FALSE
0,095	0,314	0,002	0,008	0,122	FALSE
-0,059	0,310	-0,002	0,008	0,086	FALSE
0,050	0,296	0,002	0,013	0,070	FALSE
0,018	0,317	0,001	0,007	0,025	FALSE
-0,002	0,299	0,000	0,010	0,010	FALSE
0,067	0,289	0,002	0,008	0,123	FALSE
0,130	0,297	0,004	0,010	0,171	FALSE
0,064	0,296	0,002	0,008	0,106	FALSE
-0,020	0,310	-0,001	0,012	0,042	FALSE
0,063	0,310	0,002	0,013	0,053	FALSE
0,076	0,296	0,002	0,008	0,110	FALSE
-0,042	0,323	-0,001	0,008	0,031	FALSE
-0,010	0,305	-0,002	0,012	0,051	FALSE
-0,006	0,314	-0,001	0,011	0,018	FALSE
-0,112	0,304	-0,002	0,006	0,145	FALSE
-0,095	0,324	-0,004	0,013	0,128	FALSE
0,116	0,295	0,005	0,012	0,166	FALSE
0,106	0,303	0,004	0,013	0,140	FALSE
0,132	0,309	0,005	0,013	0,175	FALSE
0,133	0,296	0,006	0,013	0,180	FALSE
0,052	0,301	0,001	0,010	0,034	FALSE
-0,128	0,301	-0,004	0,009	0,177	FALSE
0,024	0,304	0,000	0,007	0,012	FALSE
-0,016	0,297	0,000	0,007	0,011	FALSE
-0,096	0,310	-0,003	0,010	0,108	FALSE
0,002	0,304	0,000	0,008	0,008	FALSE
0,020	0,299	0,001	0,010	0,034	FALSE
-0,045	0,296	-0,001	0,007	0,034	FALSE
-0,145	0,303	-0,006	0,012	0,190	FALSE
0,041	0,293	0,001	0,010	0,055	FALSE
0,041	0,295	0,002	0,010	0,079	FALSE
-0,067	0,292	-0,003	0,009	0,127	FALSE
0,018	0,301	0,000	0,008	0,018	FALSE
-0,021	0,311	0,000	0,007	0,011	FALSE
0,142	0,304	0,005	0,012	0,186	FALSE
0,071	0,304	0,002	0,011	0,075	FALSE
-0,062	0,298	-0,001	0,007	0,076	FALSE
0,148	0,303	0,006	0,010	0,225	FALSE

-0,027	0,306	0,000	0,009	0,014	FALSE
-0,112	0,308	-0,003	0,008	0,167	FALSE
0,102	0,298	0,002	0,008	0,117	FALSE
-0,072	0,305	-0,002	0,009	0,101	FALSE
-0,066	0,313	-0,002	0,010	0,081	FALSE
0,032	0,304	0,001	0,007	0,027	FALSE
-0,130	0,303	-0,006	0,011	0,208	FALSE
0,094	0,314	0,002	0,008	0,087	FALSE
-0,032	0,309	-0,001	0,009	0,031	FALSE
-0,135	0,318	-0,003	0,007	0,159	FALSE
-0,108	0,296	-0,003	0,009	0,112	FALSE
0,093	0,309	0,003	0,009	0,136	FALSE
0,087	0,306	0,002	0,008	0,086	FALSE
-0,204	0,313	-0,005	0,008	0,316	FALSE
0,017	0,296	0,001	0,009	0,047	FALSE
0,061	0,315	0,003	0,011	0,106	FALSE
0,001	0,314	0,000	0,010	0,007	FALSE
-0,005	0,307	0,000	0,007	0,018	FALSE
-0,013	0,316	0,000	0,007	0,001	FALSE
-0,050	0,293	-0,001	0,007	0,058	FALSE
0,110	0,318	0,004	0,011	0,147	FALSE
-0,058	0,306	-0,002	0,009	0,065	FALSE
-0,012	0,298	-0,001	0,012	0,039	FALSE
0,137	0,284	0,004	0,008	0,199	FALSE
-0,026	0,315	-0,001	0,007	0,027	FALSE
0,142	0,305	0,005	0,010	0,198	FALSE
-0,033	0,324	-0,002	0,012	0,047	FALSE
0,019	0,316	0,001	0,008	0,026	FALSE
0,001	0,308	0,000	0,012	0,011	FALSE
-0,006	0,313	0,000	0,013	0,003	FALSE
-0,016	0,308	0,000	0,008	0,023	FALSE
0,109	0,307	0,004	0,011	0,127	FALSE
0,060	0,306	0,002	0,012	0,065	FALSE
-0,004	0,313	-0,001	0,010	0,035	FALSE
0,050	0,298	0,002	0,013	0,057	FALSE
-0,140	0,311	-0,003	0,008	0,180	FALSE
0,021	0,307	0,001	0,011	0,019	FALSE
0,102	0,309	0,003	0,009	0,133	FALSE
-0,019	0,306	-0,001	0,006	0,038	FALSE
-0,048	0,316	-0,001	0,007	0,068	FALSE
0,045	0,319	0,001	0,008	0,056	FALSE
-0,013	0,313	0,000	0,009	0,002	FALSE
0,021	0,307	0,001	0,010	0,035	FALSE
-0,093	0,309	-0,004	0,012	0,122	FALSE
0,061	0,314	0,002	0,012	0,061	FALSE
0,159	0,299	0,006	0,009	0,266	FALSE
-0,084	0,293	-0,004	0,012	0,145	FALSE
-0,147	0,291	-0,007	0,012	0,249	FALSE
0,094	0,300	0,003	0,007	0,179	FALSE
-0,010	0,294	0,000	0,011	0,004	FALSE
-0,048	0,306	-0,002	0,011	0,056	FALSE
-0,036	0,297	-0,001	0,008	0,049	FALSE
-0,162	0,301	-0,007	0,012	0,234	FALSE

-0,201	0,291	-0,007	0,011	0,289	FALSE
0,009	0,298	0,000	0,007	0,004	FALSE
-0,085	0,309	-0,002	0,008	0,074	FALSE
-0,047	0,302	-0,002	0,012	0,055	FALSE
-0,011	0,306	0,000	0,008	0,003	FALSE
-0,032	0,299	0,000	0,006	0,025	FALSE
0,011	0,307	0,000	0,009	0,012	FALSE
0,011	0,310	0,001	0,009	0,024	FALSE
0,037	0,294	0,001	0,007	0,051	FALSE
0,052	0,293	0,003	0,011	0,106	FALSE
0,062	0,313	0,001	0,007	0,050	FALSE
-0,033	0,305	-0,001	0,007	0,028	FALSE
0,027	0,303	0,002	0,011	0,055	FALSE
0,108	0,310	0,002	0,007	0,139	FALSE
0,159	0,308	0,005	0,009	0,213	FALSE
0,024	0,315	0,001	0,009	0,037	FALSE
-0,086	0,312	-0,003	0,012	0,115	FALSE
-0,042	0,308	-0,001	0,007	0,070	FALSE
-0,075	0,305	-0,001	0,007	0,074	FALSE
-0,075	0,308	-0,001	0,007	0,063	FALSE
-0,073	0,319	-0,001	0,008	0,062	FALSE
-0,096	0,311	-0,002	0,007	0,103	FALSE
0,039	0,305	0,002	0,011	0,048	FALSE
0,050	0,312	0,001	0,007	0,052	FALSE
-0,113	0,307	-0,003	0,008	0,126	FALSE
-0,048	0,302	-0,001	0,009	0,043	FALSE
-0,014	0,303	-0,001	0,010	0,050	FALSE
-0,103	0,296	-0,003	0,009	0,110	FALSE
0,030	0,305	0,001	0,008	0,057	FALSE
-0,104	0,313	-0,003	0,009	0,116	FALSE
0,086	0,309	0,004	0,012	0,117	FALSE
-0,080	0,305	-0,002	0,007	0,088	FALSE
0,054	0,312	0,001	0,008	0,058	FALSE
-0,005	0,308	0,000	0,009	0,015	FALSE
-0,009	0,321	0,000	0,006	0,023	FALSE
-0,088	0,313	-0,003	0,010	0,096	FALSE
-0,011	0,308	0,000	0,009	0,014	FALSE
-0,002	0,305	0,000	0,009	0,016	FALSE
-0,078	0,313	-0,003	0,010	0,120	FALSE
-0,117	0,302	-0,003	0,007	0,195	FALSE
0,098	0,312	0,003	0,013	0,104	FALSE
-0,016	0,307	0,000	0,009	0,001	FALSE
-0,154	0,312	-0,003	0,007	0,183	FALSE
-0,004	0,313	0,000	0,007	0,001	FALSE
0,031	0,313	0,002	0,011	0,057	FALSE
-0,059	0,289	-0,002	0,010	0,092	FALSE
-0,117	0,302	-0,004	0,008	0,184	FALSE
-0,081	0,311	-0,002	0,006	0,102	FALSE
-0,071	0,303	-0,003	0,012	0,082	FALSE
-0,025	0,302	-0,001	0,007	0,034	FALSE
-0,071	0,309	-0,002	0,009	0,077	FALSE
-0,041	0,331	-0,001	0,007	0,049	FALSE
-0,041	0,310	-0,002	0,013	0,071	FALSE

-0,074	0,293	-0,004	0,012	0,117	FALSE
0,165	0,300	0,006	0,011	0,220	FALSE
-0,043	0,319	-0,002	0,009	0,072	FALSE
-0,102	0,312	-0,002	0,007	0,112	FALSE
-0,016	0,328	0,000	0,009	0,018	FALSE
-0,042	0,307	-0,003	0,012	0,081	FALSE
0,020	0,312	0,000	0,007	0,021	FALSE
-0,121	0,311	-0,003	0,008	0,147	FALSE
0,032	0,302	0,001	0,007	0,029	FALSE
0,140	0,300	0,003	0,007	0,149	FALSE
0,051	0,304	0,003	0,013	0,097	FALSE
0,102	0,313	0,002	0,007	0,132	FALSE
-0,039	0,314	-0,001	0,009	0,064	FALSE
0,078	0,304	0,003	0,012	0,094	FALSE
0,050	0,297	0,002	0,011	0,069	FALSE
-0,069	0,296	-0,002	0,011	0,087	FALSE
0,035	0,315	0,002	0,012	0,046	FALSE
0,024	0,322	0,001	0,012	0,032	FALSE
-0,112	0,303	-0,004	0,010	0,158	FALSE
0,019	0,333	0,001	0,014	0,020	FALSE
-0,111	0,289	-0,004	0,010	0,143	FALSE
-0,146	0,294	-0,005	0,010	0,198	FALSE
0,021	0,316	0,001	0,012	0,019	FALSE
-0,020	0,311	0,000	0,012	0,003	FALSE
0,047	0,314	0,002	0,011	0,055	FALSE
-0,030	0,310	-0,002	0,008	0,076	FALSE
0,059	0,310	0,001	0,008	0,065	FALSE
0,146	0,293	0,006	0,011	0,225	FALSE
0,071	0,309	0,002	0,011	0,072	FALSE
0,003	0,311	0,001	0,011	0,018	FALSE
-0,029	0,326	0,000	0,007	0,002	FALSE
0,043	0,303	0,002	0,012	0,055	FALSE
0,055	0,289	0,003	0,012	0,113	FALSE
0,058	0,311	0,002	0,013	0,054	FALSE
-0,020	0,302	-0,001	0,007	0,045	FALSE
-0,047	0,311	-0,001	0,007	0,073	FALSE
-0,013	0,312	0,000	0,007	0,011	FALSE
-0,010	0,313	0,000	0,008	0,002	FALSE
0,053	0,313	0,002	0,012	0,055	FALSE
-0,111	0,296	-0,002	0,006	0,132	FALSE
0,135	0,301	0,004	0,008	0,197	FALSE
0,151	0,310	0,004	0,008	0,232	FALSE
-0,051	0,316	-0,002	0,012	0,073	FALSE
0,075	0,317	0,004	0,012	0,112	FALSE
0,148	0,308	0,004	0,008	0,204	FALSE
0,033	0,310	0,002	0,013	0,054	FALSE
-0,058	0,312	-0,001	0,012	0,041	FALSE
-0,055	0,308	-0,001	0,012	0,039	FALSE
0,040	0,306	0,001	0,010	0,036	FALSE
-0,102	0,284	-0,003	0,011	0,115	FALSE
0,042	0,302	0,001	0,010	0,045	FALSE
-0,153	0,301	-0,005	0,009	0,224	FALSE
0,078	0,300	0,002	0,008	0,121	FALSE

-0,177	0,308	-0,006	0,011	0,243	FALSE
0,020	0,313	0,001	0,009	0,023	FALSE
-0,040	0,306	0,000	0,006	0,027	FALSE
0,001	0,314	0,000	0,011	0,013	FALSE
-0,109	0,304	-0,004	0,013	0,132	FALSE
0,039	0,291	0,001	0,006	0,067	FALSE
0,124	0,301	0,005	0,012	0,170	FALSE
-0,050	0,303	-0,001	0,006	0,051	FALSE
-0,024	0,303	-0,001	0,006	0,030	FALSE
0,097	0,301	0,003	0,010	0,137	FALSE
0,121	0,308	0,004	0,010	0,172	FALSE
-0,042	0,304	-0,001	0,010	0,051	FALSE
-0,084	0,312	-0,003	0,013	0,104	FALSE
-0,049	0,297	-0,001	0,007	0,060	FALSE
-0,025	0,304	0,000	0,007	0,023	FALSE
0,146	0,308	0,004	0,007	0,223	FALSE
0,147	0,305	0,005	0,009	0,236	FALSE
0,055	0,308	0,002	0,012	0,061	FALSE
0,034	0,328	0,001	0,009	0,049	FALSE
-0,074	0,309	-0,003	0,011	0,094	FALSE
0,012	0,305	0,001	0,012	0,019	FALSE
0,050	0,290	0,002	0,011	0,068	FALSE
-0,016	0,322	0,000	0,007	0,023	FALSE
-0,062	0,325	-0,002	0,009	0,064	FALSE
0,087	0,300	0,003	0,009	0,120	FALSE
-0,041	0,303	-0,001	0,009	0,054	FALSE
-0,028	0,308	0,000	0,008	0,014	FALSE
-0,042	0,296	-0,001	0,007	0,031	FALSE
-0,023	0,330	0,000	0,010	0,013	FALSE
-0,024	0,315	-0,001	0,010	0,046	FALSE
0,087	0,301	0,003	0,013	0,102	FALSE
-0,002	0,293	0,000	0,006	0,009	FALSE
-0,175	0,294	-0,006	0,011	0,239	FALSE
-0,030	0,312	-0,001	0,011	0,043	FALSE
-0,093	0,314	-0,003	0,012	0,108	FALSE
-0,068	0,306	-0,002	0,012	0,072	FALSE
0,039	0,293	0,001	0,012	0,033	FALSE
0,011	0,298	-0,001	0,012	0,024	FALSE
-0,046	0,316	-0,001	0,014	0,038	FALSE
-0,065	0,313	-0,002	0,010	0,071	FALSE
-0,003	0,312	0,000	0,010	0,011	FALSE
0,039	0,307	0,000	0,008	0,018	FALSE
-0,090	0,308	-0,004	0,012	0,120	FALSE
-0,065	0,304	-0,003	0,013	0,097	FALSE
0,025	0,301	0,001	0,008	0,058	FALSE
-0,052	0,314	-0,002	0,010	0,089	FALSE
0,061	0,296	0,003	0,008	0,116	FALSE
0,194	0,302	0,005	0,009	0,263	FALSE
-0,084	0,302	-0,002	0,007	0,135	FALSE
-0,099	0,317	-0,004	0,012	0,132	FALSE
-0,036	0,297	0,000	0,006	0,020	FALSE
-0,065	0,317	-0,001	0,007	0,072	FALSE
-0,012	0,315	-0,001	0,013	0,024	FALSE

-0,048	0,322	-0,002	0,014	0,055	FALSE
0,071	0,314	0,003	0,012	0,084	FALSE
-0,105	0,305	-0,005	0,012	0,161	FALSE
-0,020	0,311	-0,001	0,012	0,043	FALSE
0,092	0,306	0,002	0,007	0,093	FALSE
0,017	0,303	0,001	0,013	0,020	FALSE
0,090	0,307	0,004	0,013	0,103	FALSE
-0,016	0,300	0,000	0,008	0,019	FALSE
0,021	0,298	0,001	0,013	0,038	FALSE
0,010	0,311	0,000	0,012	0,011	FALSE
0,026	0,309	0,002	0,010	0,054	FALSE
0,000	0,313	0,000	0,010	0,007	FALSE
0,003	0,300	0,000	0,007	0,021	FALSE
0,012	0,294	0,001	0,012	0,037	FALSE
-0,029	0,301	-0,001	0,007	0,033	FALSE
-0,088	0,319	-0,003	0,007	0,140	FALSE
-0,008	0,310	0,000	0,007	0,023	FALSE
-0,015	0,298	-0,001	0,006	0,042	FALSE
0,084	0,307	0,003	0,008	0,134	FALSE
0,018	0,304	0,000	0,011	0,016	FALSE
0,072	0,312	0,003	0,011	0,102	FALSE
0,061	0,318	0,002	0,011	0,081	FALSE
0,032	0,312	0,000	0,008	0,022	FALSE
0,017	0,298	0,000	0,007	0,008	FALSE
-0,019	0,316	-0,001	0,013	0,038	FALSE
0,041	0,306	0,003	0,013	0,076	FALSE
0,162	0,312	0,005	0,011	0,205	FALSE
0,135	0,312	0,003	0,008	0,171	FALSE
0,078	0,308	0,004	0,013	0,113	FALSE
-0,046	0,325	-0,001	0,010	0,053	FALSE
-0,061	0,298	-0,001	0,012	0,043	FALSE
0,044	0,307	0,001	0,009	0,032	FALSE
0,142	0,305	0,004	0,008	0,210	FALSE
0,011	0,314	0,000	0,006	0,028	FALSE
-0,006	0,296	-0,001	0,009	0,024	FALSE
-0,065	0,302	-0,001	0,010	0,050	FALSE
-0,028	0,312	-0,001	0,013	0,032	FALSE
-0,068	0,307	-0,003	0,012	0,086	FALSE
0,035	0,310	0,001	0,009	0,028	FALSE
0,007	0,306	0,000	0,011	0,005	FALSE
-0,064	0,305	-0,002	0,009	0,080	FALSE
-0,082	0,289	-0,002	0,008	0,116	FALSE
-0,070	0,319	-0,002	0,009	0,080	FALSE
-0,082	0,301	-0,003	0,011	0,117	FALSE
-0,063	0,307	-0,003	0,010	0,102	FALSE
-0,030	0,308	0,000	0,009	0,015	FALSE
0,066	0,304	0,002	0,007	0,098	FALSE
0,083	0,315	0,002	0,008	0,088	FALSE
0,098	0,322	0,002	0,008	0,105	FALSE
0,147	0,300	0,005	0,011	0,208	FALSE
0,039	0,313	0,001	0,009	0,040	FALSE
-0,042	0,300	-0,001	0,011	0,028	FALSE
0,036	0,293	0,000	0,010	0,011	FALSE

-0,085	0,313	-0,003	0,012	0,089	FALSE
-0,007	0,308	-0,001	0,009	0,030	FALSE
0,166	0,326	0,004	0,008	0,204	FALSE
0,140	0,301	0,003	0,008	0,168	FALSE
0,079	0,309	0,002	0,013	0,063	FALSE
-0,085	0,323	-0,004	0,010	0,155	FALSE
0,120	0,305	0,005	0,011	0,186	FALSE
0,041	0,310	0,001	0,007	0,065	FALSE
-0,045	0,326	0,000	0,010	0,011	FALSE
-0,031	0,314	-0,001	0,006	0,032	FALSE
0,091	0,312	0,002	0,006	0,117	FALSE
0,150	0,302	0,006	0,011	0,236	FALSE
0,147	0,301	0,006	0,011	0,218	FALSE
-0,038	0,311	-0,001	0,007	0,037	FALSE
-0,055	0,304	-0,002	0,009	0,080	FALSE
0,046	0,317	0,001	0,008	0,058	FALSE
0,062	0,313	0,002	0,008	0,100	FALSE
0,068	0,301	0,002	0,007	0,088	FALSE
-0,097	0,316	-0,004	0,013	0,126	FALSE
0,065	0,302	0,002	0,010	0,079	FALSE
0,088	0,305	0,002	0,009	0,093	FALSE
0,092	0,296	0,003	0,009	0,126	FALSE
-0,094	0,304	-0,003	0,009	0,111	FALSE
-0,125	0,304	-0,006	0,013	0,191	FALSE
0,077	0,295	0,002	0,008	0,093	FALSE
0,061	0,297	0,002	0,008	0,076	FALSE
-0,096	0,313	-0,002	0,007	0,105	FALSE
-0,037	0,297	-0,001	0,008	0,041	FALSE
0,067	0,297	0,001	0,008	0,040	FALSE
-0,121	0,308	-0,005	0,013	0,170	FALSE
-0,087	0,300	-0,004	0,013	0,122	FALSE
0,093	0,301	0,003	0,012	0,101	FALSE
-0,004	0,312	-0,001	0,009	0,021	FALSE
-0,004	0,314	-0,001	0,012	0,027	FALSE
-0,091	0,304	-0,002	0,006	0,125	FALSE
0,105	0,310	0,004	0,011	0,137	FALSE
0,105	0,302	0,004	0,010	0,149	FALSE
0,091	0,305	0,003	0,009	0,128	FALSE
-0,102	0,317	-0,002	0,008	0,122	FALSE
0,039	0,298	0,001	0,008	0,053	FALSE
0,067	0,296	0,002	0,008	0,089	FALSE
0,040	0,303	0,002	0,008	0,072	FALSE
0,112	0,307	0,005	0,011	0,174	FALSE
0,006	0,319	0,000	0,007	0,003	FALSE
-0,034	0,310	-0,001	0,008	0,044	FALSE
-0,015	0,309	-0,001	0,007	0,029	FALSE
-0,095	0,315	-0,003	0,010	0,121	FALSE
0,118	0,286	0,004	0,012	0,145	FALSE
-0,172	0,307	-0,007	0,012	0,240	FALSE
-0,025	0,302	-0,002	0,012	0,066	FALSE
-0,138	0,285	-0,004	0,007	0,221	FALSE
0,013	0,301	0,000	0,013	0,010	FALSE
-0,036	0,310	-0,002	0,013	0,064	FALSE

-0,076	0,314	-0,003	0,011	0,100	FALSE
0,042	0,312	0,001	0,011	0,036	FALSE
-0,001	0,306	0,001	0,010	0,028	FALSE
-0,086	0,307	-0,002	0,008	0,087	FALSE
-0,027	0,314	-0,001	0,013	0,042	FALSE
-0,125	0,307	-0,003	0,008	0,160	FALSE
0,021	0,306	0,000	0,007	0,006	FALSE
-0,044	0,297	-0,001	0,012	0,025	FALSE
-0,089	0,302	-0,001	0,011	0,048	FALSE
-0,086	0,291	-0,002	0,011	0,054	FALSE
0,073	0,301	0,002	0,006	0,110	FALSE
0,165	0,306	0,005	0,009	0,233	FALSE
-0,120	0,304	-0,004	0,010	0,170	FALSE
-0,131	0,309	-0,004	0,011	0,164	FALSE
-0,087	0,301	-0,002	0,009	0,096	FALSE
-0,041	0,317	-0,002	0,011	0,062	FALSE
-0,054	0,324	-0,002	0,011	0,076	FALSE
-0,032	0,309	-0,002	0,010	0,062	FALSE
0,035	0,316	0,001	0,009	0,033	FALSE
0,031	0,304	0,001	0,011	0,021	FALSE
0,123	0,313	0,004	0,012	0,127	FALSE
0,161	0,288	0,006	0,011	0,202	FALSE
0,074	0,311	0,003	0,013	0,100	FALSE
0,019	0,310	0,001	0,012	0,035	FALSE
0,073	0,297	0,001	0,008	0,068	FALSE
0,031	0,290	0,001	0,007	0,061	FALSE
0,064	0,319	0,002	0,009	0,065	FALSE
0,041	0,315	0,001	0,011	0,033	FALSE
0,047	0,319	0,001	0,007	0,059	FALSE
-0,010	0,314	0,000	0,009	0,018	FALSE
-0,001	0,312	0,001	0,011	0,021	FALSE
0,077	0,312	0,003	0,010	0,121	FALSE
0,016	0,319	0,000	0,007	0,017	FALSE
0,029	0,314	0,000	0,009	0,002	FALSE
-0,098	0,305	-0,003	0,012	0,095	FALSE
-0,077	0,319	-0,002	0,011	0,087	FALSE
-0,129	0,312	-0,005	0,013	0,171	FALSE
-0,057	0,302	-0,003	0,012	0,117	FALSE
0,082	0,309	0,004	0,011	0,138	FALSE
0,026	0,305	0,001	0,006	0,056	FALSE
-0,129	0,299	-0,003	0,007	0,143	FALSE
0,038	0,315	0,001	0,011	0,049	FALSE
-0,022	0,297	-0,001	0,010	0,034	FALSE
0,058	0,306	0,002	0,008	0,084	FALSE
-0,031	0,311	-0,001	0,009	0,042	FALSE
0,133	0,311	0,005	0,011	0,198	FALSE
0,156	0,307	0,006	0,011	0,220	FALSE
0,115	0,301	0,003	0,009	0,127	FALSE
-0,056	0,298	-0,003	0,012	0,079	FALSE
-0,013	0,291	0,000	0,011	0,009	FALSE
0,077	0,302	0,003	0,010	0,132	FALSE
0,046	0,310	0,001	0,013	0,023	FALSE
0,014	0,305	0,000	0,012	0,010	FALSE

0,024	0,308	0,000	0,013	0,003	FALSE
0,046	0,295	0,002	0,013	0,047	FALSE
-0,052	0,307	-0,002	0,011	0,076	FALSE
0,003	0,323	0,000	0,010	0,002	FALSE
-0,058	0,286	-0,002	0,010	0,081	FALSE
-0,066	0,319	-0,003	0,010	0,101	FALSE
0,018	0,313	0,001	0,011	0,042	FALSE
-0,081	0,310	-0,003	0,011	0,118	FALSE
0,059	0,298	0,002	0,010	0,066	FALSE
-0,047	0,308	-0,002	0,012	0,061	FALSE
-0,117	0,309	-0,004	0,010	0,168	FALSE
-0,009	0,312	0,000	0,012	0,009	FALSE
-0,032	0,301	-0,001	0,012	0,040	FALSE
0,078	0,317	0,001	0,007	0,052	FALSE
-0,124	0,296	-0,005	0,011	0,203	FALSE
0,049	0,306	0,002	0,010	0,081	FALSE
-0,165	0,297	-0,005	0,008	0,256	FALSE
-0,159	0,305	-0,005	0,009	0,247	FALSE
-0,150	0,304	-0,005	0,009	0,216	FALSE
-0,159	0,291	-0,005	0,008	0,256	FALSE
-0,054	0,316	-0,001	0,007	0,058	FALSE
0,075	0,315	0,003	0,011	0,117	FALSE
-0,139	0,320	-0,005	0,012	0,190	FALSE
-0,037	0,308	0,000	0,006	0,011	FALSE
-0,122	0,302	-0,005	0,011	0,178	FALSE
-0,052	0,314	-0,001	0,008	0,070	FALSE
0,020	0,280	0,000	0,009	0,002	FALSE
0,124	0,313	0,005	0,012	0,160	FALSE
0,028	0,300	0,001	0,010	0,030	FALSE
0,018	0,311	0,001	0,010	0,025	FALSE
-0,007	0,307	0,000	0,008	0,006	FALSE
0,029	0,305	0,002	0,011	0,050	FALSE
0,015	0,302	0,000	0,010	0,016	FALSE
0,164	0,299	0,006	0,010	0,241	FALSE
0,098	0,307	0,004	0,012	0,119	FALSE
0,141	0,314	0,006	0,012	0,207	FALSE
-0,037	0,312	-0,001	0,008	0,058	FALSE
0,043	0,302	0,001	0,006	0,066	FALSE
0,026	0,317	0,001	0,012	0,045	FALSE
-0,079	0,303	-0,003	0,010	0,126	FALSE
-0,050	0,303	-0,002	0,011	0,052	FALSE
0,156	0,296	0,003	0,007	0,181	FALSE
-0,095	0,322	-0,003	0,010	0,123	FALSE
-0,201	0,292	-0,006	0,009	0,310	FALSE
0,000	0,305	0,000	0,011	0,000	FALSE
0,024	0,308	0,000	0,007	0,015	FALSE
-0,122	0,311	-0,004	0,011	0,161	FALSE
0,003	0,305	0,000	0,008	0,008	FALSE
-0,052	0,301	-0,003	0,012	0,078	FALSE
-0,112	0,302	-0,004	0,013	0,110	FALSE
0,085	0,304	0,001	0,007	0,072	FALSE
0,017	0,308	0,000	0,010	0,009	FALSE
0,002	0,310	0,001	0,007	0,039	FALSE

0,027	0,308	0,000	0,009	0,010	FALSE
-0,019	0,312	-0,001	0,007	0,033	FALSE
-0,001	0,302	0,000	0,011	0,013	FALSE
0,075	0,319	0,002	0,007	0,121	FALSE
0,060	0,304	0,003	0,012	0,101	FALSE
0,035	0,292	0,001	0,006	0,072	FALSE
-0,006	0,312	0,000	0,013	0,008	FALSE
0,019	0,304	0,001	0,009	0,061	FALSE
-0,098	0,308	-0,004	0,012	0,133	FALSE
-0,148	0,300	-0,005	0,010	0,223	FALSE
0,058	0,317	0,001	0,009	0,036	FALSE
0,075	0,314	0,002	0,009	0,099	FALSE
0,053	0,298	0,002	0,009	0,077	FALSE
-0,033	0,303	-0,001	0,007	0,025	FALSE
0,008	0,310	0,001	0,013	0,016	FALSE
0,066	0,309	0,002	0,009	0,095	FALSE
0,050	0,308	0,001	0,008	0,064	FALSE
-0,100	0,314	-0,003	0,008	0,130	FALSE
-0,045	0,318	-0,001	0,006	0,075	FALSE
0,010	0,314	0,001	0,008	0,050	FALSE
0,046	0,312	0,001	0,007	0,075	FALSE
-0,048	0,304	-0,001	0,006	0,041	FALSE
0,136	0,312	0,003	0,008	0,176	FALSE
0,149	0,298	0,007	0,013	0,248	FALSE
0,138	0,304	0,005	0,010	0,188	FALSE
0,121	0,288	0,004	0,010	0,157	FALSE
0,124	0,296	0,004	0,010	0,177	FALSE
0,078	0,308	0,002	0,009	0,104	FALSE
0,083	0,297	0,002	0,008	0,119	FALSE
-0,118	0,314	-0,004	0,010	0,171	FALSE
0,151	0,317	0,005	0,011	0,185	FALSE
-0,053	0,307	-0,001	0,009	0,046	FALSE
-0,009	0,301	-0,002	0,013	0,047	FALSE
-0,024	0,305	-0,002	0,013	0,054	FALSE
-0,040	0,294	-0,002	0,013	0,063	FALSE
-0,031	0,308	-0,002	0,012	0,067	FALSE
0,150	0,302	0,007	0,012	0,250	FALSE
0,087	0,298	0,002	0,006	0,112	FALSE
0,061	0,295	0,002	0,007	0,090	FALSE
0,073	0,308	0,002	0,008	0,083	FALSE
0,079	0,303	0,002	0,008	0,076	FALSE
-0,061	0,307	-0,001	0,007	0,064	FALSE
0,114	0,308	0,005	0,013	0,156	FALSE
-0,064	0,306	-0,001	0,009	0,060	FALSE
-0,052	0,324	-0,002	0,010	0,074	FALSE
-0,022	0,304	-0,001	0,011	0,033	FALSE
0,036	0,314	0,001	0,008	0,053	FALSE
0,065	0,298	0,001	0,007	0,050	FALSE
-0,007	0,307	-0,001	0,011	0,025	FALSE
0,062	0,308	0,002	0,013	0,055	FALSE
0,025	0,308	0,001	0,008	0,040	FALSE
0,087	0,302	0,002	0,008	0,088	FALSE
-0,101	0,305	-0,004	0,011	0,139	FALSE

0,056	0,306	0,002	0,008	0,083	FALSE
-0,062	0,285	-0,002	0,008	0,072	FALSE
0,104	0,308	0,003	0,007	0,139	FALSE
0,036	0,301	0,001	0,010	0,027	FALSE
-0,219	0,292	-0,007	0,009	0,343	FALSE
-0,087	0,310	-0,002	0,007	0,085	FALSE
0,031	0,297	0,001	0,008	0,026	FALSE
0,018	0,309	0,000	0,009	0,007	FALSE
0,156	0,305	0,004	0,009	0,201	FALSE
0,066	0,320	0,001	0,007	0,073	FALSE
0,084	0,304	0,004	0,013	0,127	FALSE
0,138	0,309	0,003	0,006	0,197	FALSE
-0,008	0,311	-0,002	0,013	0,045	FALSE
0,002	0,303	0,000	0,011	0,004	FALSE
0,169	0,305	0,005	0,009	0,228	FALSE
0,002	0,294	0,000	0,007	0,018	FALSE
-0,124	0,314	-0,004	0,008	0,186	FALSE
-0,015	0,305	-0,001	0,012	0,016	FALSE
-0,015	0,307	-0,001	0,012	0,025	FALSE
-0,011	0,318	0,000	0,009	0,003	FALSE
0,014	0,318	0,000	0,007	0,012	FALSE
0,021	0,311	0,001	0,009	0,025	FALSE
-0,008	0,325	0,000	0,010	0,007	FALSE
-0,049	0,311	-0,002	0,011	0,072	FALSE
0,036	0,313	0,001	0,013	0,026	FALSE
-0,041	0,316	-0,001	0,007	0,060	FALSE
0,153	0,318	0,006	0,013	0,188	FALSE
0,100	0,306	0,004	0,013	0,111	FALSE
0,035	0,308	0,000	0,009	0,014	FALSE
-0,111	0,302	-0,004	0,012	0,136	FALSE
0,072	0,303	0,002	0,007	0,092	FALSE
0,051	0,318	0,001	0,011	0,046	FALSE
-0,113	0,308	-0,004	0,011	0,147	FALSE
-0,018	0,305	0,000	0,007	0,006	FALSE
-0,194	0,306	-0,007	0,011	0,270	FALSE
-0,155	0,293	-0,004	0,009	0,174	FALSE
-0,083	0,312	-0,003	0,013	0,102	FALSE
0,124	0,292	0,005	0,012	0,173	FALSE
0,012	0,319	0,002	0,013	0,041	FALSE
0,057	0,309	0,003	0,011	0,106	FALSE
-0,031	0,306	-0,001	0,008	0,035	FALSE
-0,047	0,301	-0,002	0,012	0,066	FALSE
0,053	0,309	0,001	0,010	0,054	FALSE
0,060	0,309	0,003	0,011	0,093	FALSE
-0,069	0,298	-0,002	0,008	0,104	FALSE
-0,062	0,299	-0,003	0,013	0,089	FALSE
0,052	0,315	0,002	0,009	0,068	FALSE
0,073	0,302	0,001	0,006	0,058	FALSE
-0,102	0,306	-0,003	0,008	0,123	FALSE
0,049	0,306	0,003	0,011	0,088	FALSE
-0,018	0,313	0,000	0,013	0,010	FALSE
-0,010	0,296	0,000	0,006	0,012	FALSE
0,038	0,310	0,002	0,012	0,063	FALSE

0,076	0,309	0,003	0,010	0,120	FALSE
-0,199	0,285	-0,009	0,012	0,318	FALSE
-0,168	0,298	-0,007	0,013	0,238	FALSE
-0,197	0,300	-0,008	0,013	0,281	FALSE
-0,161	0,308	-0,007	0,013	0,211	FALSE
-0,180	0,299	-0,008	0,013	0,259	FALSE
-0,001	0,324	-0,001	0,009	0,031	FALSE
-0,022	0,304	0,000	0,007	0,024	FALSE
0,061	0,286	0,001	0,006	0,060	FALSE
0,032	0,289	0,001	0,010	0,051	FALSE
-0,007	0,311	-0,001	0,010	0,023	FALSE
-0,005	0,318	0,000	0,009	0,003	FALSE
-0,015	0,315	0,000	0,009	0,004	FALSE
-0,143	0,303	-0,006	0,012	0,201	FALSE
-0,107	0,303	-0,004	0,011	0,156	FALSE
-0,173	0,306	-0,007	0,013	0,225	FALSE
-0,165	0,303	-0,007	0,013	0,240	FALSE
-0,087	0,313	-0,001	0,008	0,063	FALSE
-0,104	0,302	-0,002	0,007	0,122	FALSE
0,147	0,292	0,004	0,007	0,248	FALSE
-0,057	0,304	-0,001	0,006	0,059	FALSE
-0,123	0,297	-0,006	0,012	0,194	FALSE
0,125	0,303	0,004	0,008	0,198	FALSE
-0,005	0,308	0,000	0,007	0,008	FALSE
0,105	0,313	0,004	0,011	0,165	FALSE
-0,077	0,305	-0,003	0,010	0,130	FALSE
-0,030	0,315	-0,001	0,010	0,036	FALSE
0,124	0,311	0,005	0,012	0,169	FALSE
-0,021	0,313	-0,001	0,012	0,019	FALSE
-0,019	0,306	0,000	0,011	0,010	FALSE
0,003	0,311	0,000	0,007	0,004	FALSE
0,041	0,311	0,002	0,012	0,057	FALSE
-0,027	0,299	0,000	0,010	0,009	FALSE
-0,036	0,308	-0,001	0,010	0,037	FALSE
-0,064	0,311	-0,002	0,010	0,062	FALSE
-0,053	0,305	-0,001	0,010	0,045	FALSE
-0,053	0,310	-0,001	0,010	0,041	FALSE
-0,052	0,296	-0,001	0,010	0,035	FALSE
-0,015	0,296	0,000	0,009	0,012	FALSE
-0,016	0,310	0,000	0,010	0,013	FALSE
-0,062	0,298	-0,001	0,009	0,055	FALSE
-0,050	0,314	-0,001	0,007	0,084	FALSE
-0,083	0,297	-0,004	0,012	0,116	FALSE
0,033	0,308	0,001	0,013	0,037	FALSE
0,013	0,318	0,000	0,013	0,013	FALSE
0,089	0,302	0,003	0,010	0,121	FALSE
0,014	0,315	0,001	0,009	0,023	FALSE
-0,076	0,318	-0,002	0,009	0,087	FALSE
-0,031	0,298	-0,001	0,008	0,040	FALSE
0,031	0,308	0,001	0,010	0,030	FALSE
0,103	0,313	0,002	0,007	0,131	FALSE
-0,119	0,301	-0,003	0,006	0,175	FALSE
-0,095	0,327	-0,002	0,007	0,124	FALSE

-0,086	0,305	-0,002	0,006	0,116	FALSE
-0,100	0,307	-0,002	0,006	0,134	FALSE
-0,094	0,318	-0,002	0,006	0,132	FALSE
-0,090	0,314	-0,002	0,006	0,097	FALSE
0,123	0,302	0,004	0,010	0,170	FALSE
-0,152	0,299	-0,006	0,012	0,234	FALSE
-0,020	0,309	-0,001	0,009	0,034	FALSE
-0,019	0,300	-0,001	0,009	0,029	FALSE
-0,100	0,300	-0,005	0,013	0,145	FALSE
-0,129	0,302	-0,004	0,009	0,175	FALSE
-0,010	0,312	0,000	0,008	0,013	FALSE
-0,122	0,310	-0,003	0,008	0,169	FALSE
-0,106	0,315	-0,003	0,008	0,132	FALSE
-0,035	0,306	-0,001	0,010	0,017	FALSE
0,051	0,317	0,001	0,010	0,027	FALSE
0,004	0,311	0,002	0,011	0,049	FALSE
-0,010	0,312	0,000	0,006	0,024	FALSE
-0,059	0,308	-0,002	0,010	0,063	FALSE
0,014	0,315	0,000	0,010	0,002	FALSE
0,070	0,313	0,002	0,009	0,098	FALSE
-0,080	0,309	-0,003	0,011	0,119	FALSE
0,007	0,320	0,000	0,012	0,006	FALSE
-0,035	0,312	-0,002	0,013	0,063	FALSE
0,035	0,286	0,000	0,007	0,017	FALSE
-0,066	0,311	-0,001	0,007	0,086	FALSE
-0,105	0,302	-0,002	0,007	0,135	FALSE
-0,033	0,311	0,000	0,007	0,024	FALSE
-0,062	0,303	-0,003	0,012	0,082	FALSE
-0,047	0,315	-0,001	0,007	0,055	FALSE
-0,116	0,301	-0,003	0,007	0,189	FALSE
-0,018	0,298	0,000	0,008	0,019	FALSE
0,005	0,313	0,000	0,010	0,003	FALSE
-0,053	0,294	-0,002	0,009	0,071	FALSE
0,018	0,318	0,001	0,010	0,025	FALSE
0,014	0,312	0,000	0,012	0,011	FALSE
-0,023	0,321	-0,001	0,011	0,018	FALSE
-0,018	0,322	0,000	0,010	0,006	FALSE
0,043	0,319	0,001	0,009	0,034	FALSE
-0,051	0,313	-0,001	0,011	0,045	FALSE
0,014	0,303	0,000	0,012	0,012	FALSE
0,021	0,306	0,000	0,007	0,019	FALSE
-0,017	0,303	0,000	0,006	0,016	FALSE
0,037	0,301	0,001	0,007	0,055	FALSE
0,140	0,276	0,007	0,012	0,278	FALSE
0,059	0,292	0,002	0,009	0,088	FALSE
-0,107	0,306	-0,003	0,009	0,159	FALSE
-0,011	0,309	-0,001	0,009	0,029	FALSE
0,120	0,313	0,002	0,006	0,147	FALSE
0,020	0,297	0,001	0,009	0,035	FALSE
0,211	0,283	0,007	0,011	0,314	FALSE
-0,101	0,301	-0,004	0,012	0,122	FALSE
0,025	0,316	0,001	0,008	0,034	FALSE
-0,126	0,304	-0,005	0,010	0,200	FALSE

0,020	0,314	0,001	0,011	0,037	FALSE
-0,088	0,309	-0,003	0,011	0,090	FALSE
0,024	0,309	0,001	0,009	0,028	FALSE
0,055	0,308	0,002	0,007	0,082	FALSE
0,045	0,313	0,002	0,010	0,076	FALSE
0,024	0,319	0,002	0,013	0,056	FALSE
0,072	0,313	0,003	0,011	0,118	FALSE
-0,110	0,308	-0,003	0,008	0,133	FALSE
0,046	0,290	0,002	0,009	0,079	FALSE
-0,002	0,291	0,000	0,010	0,013	FALSE
0,052	0,300	0,001	0,009	0,053	FALSE
-0,013	0,311	0,000	0,010	0,014	FALSE
0,076	0,302	0,002	0,007	0,098	FALSE
0,078	0,306	0,002	0,007	0,089	FALSE
0,068	0,319	0,001	0,007	0,075	FALSE
-0,010	0,313	0,000	0,008	0,016	FALSE
0,087	0,306	0,002	0,006	0,116	FALSE
0,086	0,294	0,003	0,011	0,119	FALSE
-0,040	0,300	-0,002	0,012	0,052	FALSE
-0,009	0,319	0,000	0,012	0,001	FALSE
-0,071	0,314	-0,002	0,007	0,081	FALSE
-0,036	0,307	-0,001	0,013	0,030	FALSE
-0,065	0,307	-0,002	0,013	0,047	FALSE
0,005	0,301	-0,001	0,011	0,025	FALSE
-0,002	0,303	0,000	0,012	0,014	FALSE
0,182	0,307	0,005	0,008	0,254	FALSE
-0,123	0,301	-0,005	0,013	0,172	FALSE
-0,007	0,313	0,000	0,007	0,002	FALSE
0,005	0,307	-0,001	0,009	0,019	FALSE
0,071	0,289	0,003	0,010	0,107	FALSE
-0,004	0,308	-0,001	0,012	0,026	FALSE
-0,009	0,325	0,000	0,008	0,012	FALSE
-0,101	0,307	-0,003	0,008	0,159	FALSE
0,050	0,305	0,002	0,010	0,056	FALSE
-0,006	0,317	0,000	0,008	0,014	FALSE
0,034	0,310	0,001	0,009	0,051	FALSE
-0,004	0,297	0,000	0,011	0,008	FALSE
0,024	0,308	0,000	0,012	0,007	FALSE
0,023	0,313	0,000	0,007	0,009	FALSE
0,091	0,316	0,002	0,007	0,106	FALSE
-0,065	0,311	-0,003	0,013	0,089	FALSE
-0,091	0,304	-0,002	0,006	0,108	FALSE
0,044	0,316	0,001	0,007	0,048	FALSE
-0,060	0,310	-0,003	0,011	0,104	FALSE
0,027	0,314	0,001	0,008	0,025	FALSE
-0,003	0,315	0,001	0,013	0,017	FALSE
0,023	0,312	0,001	0,010	0,024	FALSE
-0,037	0,312	-0,002	0,011	0,085	FALSE
0,006	0,308	0,001	0,009	0,038	FALSE
0,083	0,313	0,003	0,010	0,110	FALSE
0,087	0,301	0,002	0,007	0,123	FALSE
0,091	0,294	0,005	0,011	0,175	FALSE
-0,207	0,295	-0,007	0,010	0,311	FALSE

0,113	0,324	0,004	0,011	0,147	FALSE
-0,139	0,312	-0,004	0,007	0,220	FALSE
-0,036	0,300	-0,002	0,012	0,072	FALSE
-0,095	0,316	-0,003	0,009	0,116	FALSE
0,024	0,309	0,001	0,010	0,038	FALSE
0,037	0,294	0,001	0,010	0,038	FALSE
0,094	0,297	0,003	0,007	0,182	FALSE
-0,082	0,300	-0,002	0,007	0,098	FALSE
0,052	0,304	0,002	0,007	0,085	FALSE
0,030	0,307	0,001	0,008	0,025	FALSE
-0,039	0,315	0,000	0,007	0,004	FALSE
-0,012	0,311	-0,001	0,013	0,015	FALSE
0,006	0,306	0,000	0,011	0,014	FALSE
0,026	0,323	0,001	0,009	0,028	FALSE
-0,008	0,311	-0,001	0,013	0,015	FALSE
0,002	0,311	0,000	0,009	0,009	FALSE
-0,034	0,307	0,000	0,007	0,013	FALSE
-0,019	0,290	-0,001	0,006	0,043	FALSE
-0,078	0,321	-0,004	0,013	0,119	FALSE
-0,134	0,306	-0,007	0,013	0,235	FALSE
-0,030	0,310	-0,002	0,012	0,046	FALSE
0,073	0,310	0,003	0,012	0,110	FALSE
-0,021	0,324	-0,002	0,013	0,042	FALSE
0,084	0,316	0,004	0,013	0,129	FALSE
-0,027	0,312	-0,001	0,009	0,047	FALSE
0,044	0,321	0,001	0,007	0,074	FALSE
-0,034	0,322	-0,001	0,009	0,046	FALSE
-0,097	0,296	-0,003	0,008	0,122	FALSE
-0,014	0,308	0,000	0,007	0,024	FALSE
0,000	0,301	0,001	0,007	0,045	FALSE
0,015	0,294	0,001	0,008	0,024	FALSE
-0,088	0,291	-0,003	0,012	0,085	FALSE
-0,037	0,304	-0,001	0,011	0,030	FALSE
-0,043	0,305	-0,001	0,012	0,029	FALSE
0,002	0,308	0,000	0,012	0,006	FALSE
-0,060	0,319	-0,002	0,009	0,102	FALSE
0,023	0,315	0,000	0,010	0,005	FALSE
0,017	0,286	-0,001	0,013	0,036	FALSE
0,106	0,300	0,003	0,007	0,161	FALSE
-0,053	0,311	-0,001	0,007	0,068	FALSE
-0,034	0,302	0,000	0,010	0,016	FALSE
0,026	0,326	0,001	0,013	0,027	FALSE
-0,019	0,328	-0,001	0,013	0,014	FALSE
-0,026	0,323	-0,001	0,013	0,039	FALSE
-0,008	0,313	0,000	0,013	0,012	FALSE
-0,009	0,313	-0,001	0,012	0,020	FALSE
-0,008	0,323	0,000	0,013	0,002	FALSE
0,013	0,322	0,000	0,013	0,007	FALSE
0,000	0,316	0,000	0,013	0,007	FALSE
0,004	0,312	0,000	0,012	0,000	FALSE
-0,020	0,332	-0,001	0,013	0,032	FALSE
-0,058	0,329	-0,001	0,008	0,038	FALSE
-0,075	0,321	-0,001	0,006	0,071	FALSE

-0,060	0,315	-0,001	0,007	0,054	FALSE
-0,101	0,301	-0,003	0,012	0,098	FALSE
0,042	0,320	0,002	0,010	0,059	FALSE
0,005	0,288	0,001	0,011	0,031	FALSE
-0,093	0,307	-0,002	0,009	0,103	FALSE
-0,079	0,294	-0,002	0,008	0,117	FALSE
0,024	0,321	0,001	0,007	0,036	FALSE
-0,019	0,294	-0,001	0,008	0,036	FALSE
-0,027	0,293	0,000	0,008	0,002	FALSE
0,095	0,316	0,002	0,007	0,108	FALSE
0,005	0,303	-0,001	0,009	0,021	FALSE
0,060	0,304	0,001	0,008	0,059	FALSE
0,042	0,313	0,001	0,012	0,018	FALSE
0,004	0,320	0,000	0,008	0,008	FALSE
0,019	0,307	0,000	0,011	0,012	FALSE
0,007	0,323	0,000	0,013	0,008	FALSE
-0,009	0,314	-0,001	0,013	0,019	FALSE
0,001	0,318	0,000	0,013	0,002	FALSE
0,008	0,314	0,001	0,008	0,038	FALSE
0,174	0,302	0,005	0,008	0,273	FALSE
0,190	0,291	0,004	0,007	0,252	FALSE
-0,014	0,308	-0,001	0,010	0,026	FALSE
0,006	0,309	0,000	0,010	0,014	FALSE
-0,008	0,303	-0,001	0,010	0,021	FALSE
-0,026	0,300	-0,001	0,010	0,051	FALSE
0,002	0,305	0,000	0,010	0,007	FALSE
-0,017	0,311	-0,001	0,010	0,022	FALSE
-0,012	0,300	-0,001	0,010	0,020	FALSE
-0,005	0,310	0,000	0,010	0,014	FALSE
-0,016	0,315	-0,001	0,010	0,030	FALSE
0,013	0,310	0,000	0,010	0,001	FALSE
-0,013	0,297	0,000	0,010	0,002	FALSE
-0,054	0,327	-0,002	0,009	0,062	FALSE
0,130	0,309	0,004	0,009	0,190	FALSE
0,057	0,318	0,003	0,013	0,084	FALSE
0,019	0,310	0,001	0,009	0,040	FALSE
-0,011	0,305	0,000	0,012	0,013	FALSE
-0,029	0,324	-0,001	0,013	0,036	FALSE
-0,006	0,315	-0,001	0,013	0,026	FALSE
-0,019	0,297	-0,002	0,013	0,045	FALSE
0,124	0,304	0,005	0,012	0,157	FALSE
-0,105	0,293	-0,003	0,010	0,132	FALSE
-0,026	0,311	0,000	0,009	0,013	FALSE
0,096	0,308	0,005	0,012	0,158	FALSE
-0,001	0,318	0,000	0,013	0,006	FALSE
0,068	0,299	0,002	0,008	0,093	FALSE
0,145	0,298	0,005	0,010	0,183	FALSE
0,082	0,295	0,002	0,007	0,105	FALSE
-0,059	0,314	-0,002	0,010	0,071	FALSE
-0,021	0,309	-0,002	0,013	0,060	FALSE
0,004	0,309	0,000	0,008	0,012	FALSE
0,005	0,299	0,001	0,008	0,033	FALSE
-0,003	0,305	0,000	0,012	0,002	FALSE

0,000	0,324	0,000	0,013	0,001	FALSE
-0,004	0,315	0,000	0,013	0,012	FALSE
0,012	0,312	0,000	0,012	0,012	FALSE
0,008	0,311	0,000	0,013	0,002	FALSE
0,006	0,322	0,000	0,013	0,005	FALSE
0,018	0,308	0,001	0,012	0,023	FALSE
0,045	0,321	0,002	0,013	0,046	FALSE
-0,003	0,305	0,000	0,012	0,001	FALSE
0,037	0,325	0,001	0,013	0,041	FALSE
-0,040	0,320	-0,001	0,013	0,038	FALSE
0,011	0,313	0,000	0,013	0,011	FALSE
0,015	0,315	0,000	0,013	0,008	FALSE
-0,013	0,302	-0,001	0,012	0,020	FALSE
0,023	0,324	0,001	0,013	0,021	FALSE
0,103	0,300	0,004	0,011	0,142	FALSE
0,145	0,302	0,005	0,012	0,188	FALSE
0,054	0,306	0,002	0,010	0,077	FALSE
0,040	0,306	0,002	0,013	0,048	FALSE
0,009	0,303	0,000	0,012	0,006	FALSE
0,012	0,320	0,001	0,013	0,022	FALSE
0,008	0,315	0,000	0,012	0,008	FALSE
0,003	0,318	0,001	0,013	0,015	FALSE
-0,018	0,318	-0,001	0,013	0,035	FALSE
0,007	0,314	0,000	0,012	0,001	FALSE
0,006	0,317	0,000	0,013	0,011	FALSE
0,011	0,316	0,000	0,013	0,002	FALSE
0,001	0,330	0,000	0,013	0,000	FALSE
-0,006	0,315	-0,001	0,013	0,014	FALSE
0,020	0,325	0,001	0,013	0,017	FALSE
-0,020	0,327	-0,001	0,013	0,018	FALSE
-0,070	0,312	-0,003	0,013	0,087	FALSE
-0,039	0,316	-0,002	0,013	0,055	FALSE
-0,031	0,299	-0,001	0,011	0,021	FALSE
-0,146	0,296	-0,004	0,008	0,211	FALSE
0,077	0,321	0,002	0,008	0,098	FALSE
0,026	0,308	0,000	0,012	0,009	FALSE
0,073	0,319	0,002	0,007	0,085	FALSE
0,119	0,304	0,004	0,009	0,185	FALSE
0,056	0,318	0,002	0,009	0,093	FALSE
-0,189	0,307	-0,004	0,007	0,230	FALSE
-0,053	0,311	-0,002	0,012	0,056	FALSE
0,042	0,310	0,001	0,007	0,067	FALSE
-0,002	0,320	0,000	0,009	0,001	FALSE
0,019	0,310	0,001	0,008	0,035	FALSE
0,040	0,314	0,001	0,008	0,041	FALSE
0,012	0,300	0,000	0,008	0,011	FALSE
0,062	0,316	0,002	0,009	0,083	FALSE
0,015	0,301	0,000	0,013	0,001	FALSE
0,064	0,297	0,002	0,012	0,057	FALSE
-0,010	0,314	0,000	0,013	0,000	FALSE
0,039	0,298	0,002	0,011	0,078	FALSE
0,013	0,313	0,001	0,013	0,033	FALSE
-0,034	0,317	-0,001	0,010	0,025	FALSE

0,098	0,310	0,005	0,013	0,156	FALSE
0,014	0,300	0,000	0,013	0,009	FALSE
0,002	0,306	0,000	0,012	0,012	FALSE
-0,025	0,321	0,000	0,007	0,016	FALSE
0,035	0,302	0,001	0,008	0,066	FALSE
0,060	0,319	0,002	0,013	0,051	FALSE
-0,053	0,318	-0,002	0,013	0,046	FALSE
0,058	0,306	0,001	0,008	0,065	FALSE
0,029	0,317	0,000	0,012	0,005	FALSE
0,034	0,312	0,002	0,010	0,081	FALSE
-0,091	0,318	-0,002	0,011	0,084	FALSE
-0,111	0,315	-0,003	0,009	0,130	FALSE
-0,057	0,324	-0,002	0,009	0,063	FALSE
-0,207	0,306	-0,005	0,007	0,293	FALSE
0,011	0,308	0,001	0,007	0,026	FALSE
-0,134	0,299	-0,003	0,007	0,162	FALSE
-0,144	0,310	-0,003	0,007	0,182	FALSE
-0,100	0,303	-0,002	0,007	0,114	FALSE
-0,008	0,308	-0,001	0,010	0,040	FALSE
0,126	0,310	0,004	0,010	0,168	FALSE
-0,077	0,313	-0,002	0,009	0,069	FALSE
-0,117	0,300	-0,002	0,007	0,129	FALSE
0,030	0,301	0,002	0,010	0,060	FALSE
-0,012	0,299	0,000	0,012	0,006	FALSE
0,031	0,309	0,002	0,013	0,048	FALSE
-0,113	0,304	-0,003	0,010	0,106	FALSE
-0,061	0,308	-0,001	0,007	0,046	FALSE
-0,044	0,294	-0,001	0,008	0,033	FALSE
-0,054	0,306	-0,001	0,008	0,037	FALSE
-0,055	0,293	-0,001	0,009	0,038	FALSE
-0,100	0,301	-0,003	0,011	0,113	FALSE
-0,071	0,312	-0,002	0,010	0,076	FALSE
-0,098	0,310	-0,003	0,010	0,106	FALSE
-0,145	0,291	-0,004	0,011	0,157	FALSE
-0,130	0,290	-0,004	0,011	0,129	FALSE
-0,113	0,291	-0,003	0,011	0,101	FALSE
-0,118	0,299	-0,003	0,011	0,107	FALSE
-0,101	0,309	-0,003	0,009	0,105	FALSE
0,006	0,308	0,000	0,006	0,029	FALSE
0,050	0,305	0,002	0,012	0,056	FALSE
0,028	0,308	0,001	0,012	0,037	FALSE
-0,060	0,305	-0,002	0,008	0,074	FALSE
-0,086	0,307	-0,002	0,008	0,116	FALSE
-0,181	0,299	-0,004	0,008	0,257	FALSE
-0,009	0,310	-0,001	0,009	0,021	FALSE
-0,010	0,298	0,000	0,008	0,011	FALSE
-0,043	0,314	-0,001	0,009	0,047	FALSE
0,059	0,305	0,001	0,006	0,079	FALSE
0,031	0,299	0,001	0,006	0,038	FALSE
-0,011	0,311	0,000	0,008	0,011	FALSE
0,097	0,302	0,003	0,010	0,121	FALSE
0,027	0,296	0,001	0,008	0,037	FALSE
0,056	0,309	0,002	0,010	0,076	FALSE

-0,002	0,298	0,000	0,009	0,000	FALSE
0,145	0,302	0,004	0,010	0,178	FALSE
-0,012	0,296	0,000	0,007	0,017	FALSE
0,040	0,313	0,001	0,011	0,038	FALSE
-0,072	0,314	-0,002	0,009	0,105	FALSE
-0,041	0,315	-0,002	0,012	0,055	FALSE
-0,038	0,313	-0,002	0,009	0,067	FALSE
-0,062	0,309	-0,002	0,009	0,097	FALSE
0,022	0,310	0,001	0,008	0,035	FALSE
-0,063	0,314	-0,001	0,007	0,068	FALSE
0,030	0,312	0,001	0,012	0,038	FALSE
0,022	0,319	0,001	0,012	0,038	FALSE
0,087	0,304	0,001	0,007	0,069	FALSE
0,016	0,314	0,000	0,012	0,006	FALSE
0,018	0,310	0,000	0,013	0,011	FALSE
0,091	0,308	0,002	0,007	0,129	FALSE
-0,001	0,312	0,000	0,007	0,002	FALSE
0,175	0,297	0,006	0,010	0,262	FALSE
0,186	0,301	0,006	0,010	0,263	FALSE
0,182	0,291	0,006	0,010	0,272	FALSE
0,041	0,305	0,002	0,013	0,045	FALSE
0,230	0,288	0,008	0,010	0,375	FALSE
0,026	0,318	0,001	0,010	0,044	FALSE
0,033	0,323	0,002	0,011	0,061	FALSE
0,091	0,301	0,002	0,008	0,117	FALSE
0,025	0,316	0,000	0,007	0,020	FALSE
0,084	0,316	0,002	0,008	0,097	FALSE
-0,021	0,311	-0,001	0,007	0,055	FALSE
-0,149	0,288	-0,003	0,006	0,201	FALSE
0,075	0,307	0,001	0,007	0,070	FALSE
-0,096	0,299	-0,004	0,010	0,142	FALSE
-0,038	0,313	-0,002	0,010	0,060	FALSE
0,000	0,313	0,000	0,008	0,017	FALSE
-0,082	0,311	-0,003	0,010	0,111	FALSE
-0,086	0,291	-0,003	0,010	0,128	FALSE
-0,058	0,309	-0,001	0,009	0,064	FALSE
0,056	0,296	0,002	0,010	0,074	FALSE
-0,101	0,305	-0,005	0,012	0,165	FALSE
0,090	0,309	0,003	0,010	0,110	FALSE
-0,009	0,308	0,000	0,012	0,000	FALSE
0,010	0,321	0,001	0,008	0,028	FALSE
0,017	0,314	0,001	0,012	0,027	FALSE
0,012	0,304	0,001	0,013	0,015	FALSE
0,044	0,318	0,001	0,011	0,046	FALSE
0,003	0,321	0,000	0,013	0,013	FALSE
0,137	0,299	0,005	0,012	0,167	FALSE
0,163	0,297	0,006	0,012	0,229	FALSE
0,139	0,297	0,005	0,012	0,174	FALSE
0,145	0,296	0,005	0,012	0,184	FALSE
0,137	0,298	0,004	0,007	0,227	FALSE
-0,043	0,310	-0,001	0,008	0,031	FALSE
-0,015	0,309	-0,001	0,006	0,042	FALSE
0,009	0,305	0,000	0,007	0,024	FALSE

0,198	0,300	0,006	0,009	0,268	FALSE
0,097	0,292	0,004	0,012	0,131	FALSE
0,100	0,303	0,004	0,013	0,115	FALSE
0,102	0,286	0,004	0,012	0,142	FALSE
0,070	0,309	0,002	0,009	0,095	FALSE
-0,025	0,301	-0,001	0,007	0,046	FALSE
-0,017	0,313	-0,001	0,008	0,038	FALSE
0,060	0,309	0,001	0,008	0,054	FALSE
0,027	0,311	0,000	0,008	0,018	FALSE
0,066	0,301	0,001	0,007	0,072	FALSE
0,040	0,309	0,001	0,007	0,037	FALSE
-0,018	0,310	0,000	0,007	0,014	FALSE
-0,060	0,304	-0,003	0,010	0,112	FALSE
-0,067	0,309	-0,003	0,010	0,118	FALSE
-0,115	0,321	-0,003	0,009	0,156	FALSE
-0,111	0,306	-0,005	0,010	0,195	FALSE
-0,140	0,298	-0,005	0,009	0,220	FALSE
-0,146	0,316	-0,005	0,009	0,217	FALSE
0,026	0,327	0,002	0,013	0,047	FALSE
-0,201	0,308	-0,005	0,007	0,281	FALSE
0,092	0,295	0,004	0,012	0,121	FALSE
-0,080	0,296	-0,002	0,010	0,063	FALSE
0,159	0,302	0,006	0,011	0,231	FALSE
-0,079	0,315	-0,001	0,007	0,075	FALSE
0,006	0,321	0,000	0,008	0,011	FALSE
-0,013	0,291	0,000	0,013	0,004	FALSE
0,105	0,305	0,002	0,006	0,132	FALSE
-0,110	0,311	-0,002	0,006	0,112	FALSE
-0,023	0,318	-0,001	0,011	0,025	FALSE
-0,044	0,312	-0,001	0,009	0,056	FALSE
0,000	0,317	0,001	0,012	0,016	FALSE
0,035	0,321	0,001	0,011	0,036	FALSE
0,144	0,305	0,005	0,012	0,176	FALSE
0,131	0,317	0,005	0,013	0,165	FALSE
-0,063	0,319	-0,002	0,012	0,049	FALSE
0,142	0,319	0,005	0,013	0,161	FALSE
-0,049	0,296	-0,001	0,011	0,036	FALSE
-0,045	0,321	-0,001	0,012	0,017	FALSE
-0,016	0,306	0,000	0,011	0,004	FALSE
0,095	0,315	0,002	0,008	0,106	FALSE
-0,059	0,303	-0,002	0,007	0,096	FALSE
0,051	0,306	0,001	0,008	0,040	FALSE
-0,005	0,311	0,000	0,010	0,006	FALSE
-0,090	0,289	-0,003	0,009	0,149	FALSE
-0,028	0,327	-0,001	0,007	0,040	FALSE
-0,185	0,293	-0,007	0,011	0,273	FALSE
-0,114	0,312	-0,003	0,008	0,145	FALSE
0,015	0,292	0,000	0,010	0,005	FALSE
-0,010	0,297	0,000	0,012	0,004	FALSE
0,096	0,310	0,003	0,008	0,130	FALSE
-0,036	0,311	-0,001	0,007	0,053	FALSE
-0,040	0,290	-0,003	0,013	0,082	FALSE
0,033	0,308	0,002	0,011	0,061	FALSE

-0,127	0,312	-0,003	0,007	0,151	FALSE
-0,098	0,310	-0,002	0,008	0,105	FALSE
0,061	0,308	0,001	0,011	0,050	FALSE
-0,075	0,313	-0,001	0,007	0,073	FALSE
-0,081	0,318	-0,003	0,009	0,125	FALSE
0,138	0,293	0,006	0,013	0,189	FALSE
0,044	0,302	0,001	0,006	0,073	FALSE
0,127	0,299	0,005	0,010	0,215	FALSE
0,168	0,300	0,007	0,011	0,270	FALSE
0,152	0,309	0,006	0,011	0,232	FALSE
0,042	0,301	0,001	0,008	0,043	FALSE
-0,030	0,298	0,000	0,006	0,000	FALSE
0,047	0,309	0,001	0,009	0,050	FALSE
-0,042	0,310	0,000	0,007	0,021	FALSE
-0,028	0,289	0,000	0,006	0,003	FALSE
-0,068	0,285	-0,001	0,006	0,084	FALSE
-0,052	0,305	-0,002	0,013	0,056	FALSE
-0,124	0,308	-0,003	0,007	0,143	FALSE
-0,029	0,302	-0,001	0,012	0,024	FALSE
0,014	0,318	0,000	0,011	0,010	FALSE
-0,142	0,286	-0,004	0,012	0,135	FALSE
-0,150	0,285	-0,005	0,012	0,162	FALSE
-0,126	0,294	-0,005	0,012	0,186	FALSE
-0,159	0,298	-0,005	0,010	0,193	FALSE
0,035	0,293	0,002	0,012	0,056	FALSE
0,114	0,303	0,005	0,011	0,197	FALSE
0,070	0,305	0,002	0,013	0,073	FALSE
0,065	0,306	0,002	0,012	0,068	FALSE
-0,018	0,302	-0,001	0,007	0,038	FALSE
-0,052	0,317	-0,001	0,010	0,048	FALSE
-0,006	0,290	0,000	0,012	0,006	FALSE
0,042	0,330	0,001	0,009	0,052	FALSE
-0,055	0,309	-0,001	0,007	0,044	FALSE
-0,043	0,306	-0,002	0,011	0,073	FALSE
-0,116	0,303	-0,004	0,010	0,162	FALSE
0,022	0,316	0,001	0,011	0,021	FALSE
-0,044	0,313	-0,002	0,011	0,055	FALSE
0,048	0,318	0,002	0,010	0,056	FALSE
0,076	0,302	0,003	0,010	0,110	FALSE
0,056	0,302	0,002	0,010	0,079	FALSE
0,040	0,301	0,002	0,011	0,052	FALSE
-0,093	0,310	-0,003	0,011	0,110	FALSE
0,017	0,306	0,000	0,010	0,005	FALSE
0,017	0,299	0,000	0,007	0,004	FALSE
-0,166	0,301	-0,006	0,012	0,241	FALSE
-0,120	0,305	-0,005	0,012	0,160	FALSE
0,091	0,315	0,003	0,010	0,131	TRUE
0,059	0,319	0,003	0,013	0,077	FALSE
-0,113	0,300	-0,005	0,012	0,165	FALSE
-0,102	0,307	-0,004	0,012	0,141	FALSE
-0,092	0,307	-0,004	0,012	0,127	FALSE
0,019	0,304	0,000	0,006	0,003	FALSE
-0,087	0,299	-0,002	0,007	0,115	FALSE

-0,008	0,298	0,000	0,013	0,014	FALSE
0,049	0,304	0,003	0,012	0,077	FALSE
0,041	0,292	0,003	0,010	0,111	FALSE
0,061	0,301	0,002	0,006	0,128	FALSE
0,019	0,318	0,001	0,006	0,060	FALSE
-0,051	0,305	-0,002	0,011	0,073	FALSE
-0,058	0,304	-0,001	0,012	0,043	FALSE
-0,035	0,301	-0,001	0,011	0,040	FALSE
-0,121	0,308	-0,004	0,009	0,184	FALSE
0,136	0,303	0,003	0,007	0,159	FALSE
0,060	0,313	0,001	0,010	0,049	FALSE
-0,005	0,314	0,000	0,013	0,011	FALSE
-0,056	0,315	-0,002	0,013	0,046	FALSE
-0,059	0,314	-0,002	0,013	0,045	FALSE
-0,048	0,311	-0,001	0,013	0,033	FALSE
0,059	0,297	0,001	0,007	0,062	FALSE
-0,077	0,302	-0,002	0,013	0,058	FALSE
0,079	0,296	0,003	0,011	0,115	FALSE
0,074	0,312	0,002	0,008	0,109	FALSE
-0,061	0,289	-0,001	0,006	0,050	FALSE
-0,001	0,307	0,000	0,007	0,013	FALSE
-0,085	0,299	-0,002	0,010	0,092	FALSE
-0,041	0,309	-0,001	0,007	0,037	FALSE
-0,061	0,308	-0,002	0,008	0,072	FALSE
0,028	0,320	0,001	0,010	0,023	FALSE
0,013	0,326	0,000	0,010	0,008	FALSE
-0,043	0,309	-0,001	0,009	0,030	FALSE
0,023	0,321	0,000	0,010	0,004	FALSE
0,056	0,299	0,002	0,008	0,084	FALSE
0,068	0,318	0,002	0,008	0,087	FALSE
-0,061	0,312	-0,003	0,012	0,087	FALSE
-0,082	0,312	-0,003	0,012	0,107	FALSE
0,061	0,312	0,003	0,013	0,081	FALSE
0,063	0,310	0,003	0,013	0,078	FALSE
0,089	0,306	0,003	0,007	0,136	FALSE
0,123	0,315	0,003	0,008	0,152	FALSE
-0,056	0,298	-0,003	0,011	0,094	FALSE
-0,045	0,292	-0,003	0,012	0,087	FALSE
0,002	0,311	0,000	0,010	0,004	FALSE
0,055	0,292	0,001	0,008	0,035	FALSE
-0,020	0,301	-0,001	0,010	0,041	FALSE
0,275	0,274	0,010	0,011	0,444	FALSE
0,183	0,302	0,005	0,008	0,234	FALSE
0,186	0,294	0,006	0,011	0,243	FALSE
0,099	0,315	0,004	0,011	0,151	FALSE
0,070	0,323	0,003	0,012	0,098	FALSE
-0,098	0,311	-0,004	0,013	0,125	FALSE
0,073	0,314	0,003	0,012	0,084	FALSE
-0,104	0,301	-0,003	0,008	0,140	FALSE
-0,081	0,311	-0,002	0,010	0,093	FALSE
-0,050	0,304	-0,002	0,013	0,044	FALSE
0,054	0,313	0,002	0,011	0,052	FALSE
0,089	0,306	0,004	0,011	0,141	FALSE

-0,094	0,308	-0,003	0,011	0,107	FALSE
0,063	0,309	0,002	0,008	0,084	FALSE
-0,045	0,304	-0,002	0,008	0,079	FALSE
-0,074	0,306	-0,004	0,012	0,119	FALSE
0,022	0,296	0,000	0,007	0,002	FALSE
-0,193	0,307	-0,008	0,011	0,311	FALSE
-0,068	0,306	-0,003	0,010	0,102	FALSE
-0,106	0,320	-0,003	0,008	0,144	FALSE
-0,175	0,290	-0,005	0,009	0,252	FALSE
0,056	0,297	0,002	0,007	0,115	FALSE
0,086	0,310	0,002	0,006	0,103	FALSE
0,081	0,302	0,003	0,012	0,112	FALSE
0,089	0,311	0,004	0,013	0,116	FALSE
0,085	0,304	0,002	0,007	0,081	FALSE
0,020	0,296	0,001	0,007	0,054	FALSE
0,053	0,314	0,001	0,008	0,042	FALSE
-0,037	0,300	-0,001	0,010	0,045	FALSE
-0,068	0,315	-0,004	0,013	0,107	FALSE
-0,118	0,300	-0,006	0,012	0,192	FALSE
0,022	0,313	0,001	0,008	0,027	FALSE
-0,034	0,323	-0,001	0,010	0,048	FALSE
0,072	0,313	0,003	0,010	0,100	FALSE
-0,029	0,303	0,000	0,007	0,017	FALSE
-0,027	0,296	0,000	0,006	0,011	FALSE
0,047	0,304	0,001	0,009	0,059	FALSE
-0,070	0,321	-0,001	0,007	0,078	FALSE
-0,012	0,294	-0,001	0,006	0,040	FALSE
0,066	0,294	0,002	0,007	0,131	FALSE
-0,043	0,312	-0,001	0,013	0,028	FALSE
0,122	0,296	0,004	0,011	0,172	FALSE
0,096	0,312	0,004	0,010	0,135	FALSE
-0,047	0,308	-0,002	0,010	0,073	FALSE
0,004	0,306	0,000	0,008	0,002	FALSE
0,002	0,305	0,000	0,008	0,017	FALSE
0,064	0,305	0,001	0,008	0,054	FALSE
0,156	0,308	0,005	0,009	0,222	FALSE
0,077	0,312	0,004	0,013	0,127	FALSE
0,001	0,300	0,000	0,011	0,000	FALSE
0,117	0,306	0,004	0,010	0,159	FALSE
0,134	0,310	0,005	0,011	0,187	FALSE
0,098	0,305	0,003	0,009	0,154	FALSE
-0,071	0,305	-0,003	0,008	0,116	FALSE
0,035	0,307	0,001	0,008	0,034	FALSE
-0,128	0,291	-0,007	0,012	0,252	FALSE
-0,120	0,298	-0,007	0,012	0,227	FALSE
-0,132	0,283	-0,007	0,012	0,260	FALSE
-0,129	0,279	-0,007	0,012	0,265	FALSE
-0,109	0,285	-0,006	0,011	0,220	FALSE
0,020	0,313	0,002	0,011	0,053	FALSE
0,051	0,306	0,001	0,007	0,040	FALSE
0,058	0,317	0,002	0,009	0,091	FALSE
-0,122	0,322	-0,003	0,008	0,144	FALSE
-0,016	0,316	-0,001	0,007	0,029	FALSE

0,043	0,308	0,002	0,011	0,061	FALSE
-0,014	0,318	0,000	0,011	0,004	FALSE
0,089	0,297	0,002	0,007	0,122	FALSE
0,004	0,326	0,000	0,008	0,016	FALSE
-0,083	0,312	-0,002	0,010	0,099	FALSE
-0,047	0,296	-0,002	0,009	0,065	FALSE
-0,081	0,314	-0,003	0,009	0,107	FALSE
-0,005	0,305	0,000	0,007	0,003	FALSE
0,112	0,292	0,003	0,010	0,109	FALSE
0,071	0,307	0,002	0,013	0,054	FALSE
0,015	0,325	0,001	0,012	0,016	FALSE
0,079	0,318	0,002	0,009	0,088	FALSE
-0,151	0,293	-0,006	0,013	0,197	FALSE
0,029	0,303	0,002	0,009	0,085	FALSE
0,025	0,303	0,002	0,009	0,066	FALSE
-0,062	0,291	-0,002	0,009	0,065	FALSE
0,008	0,318	0,000	0,008	0,007	FALSE
-0,099	0,319	-0,003	0,008	0,137	FALSE
0,115	0,291	0,004	0,013	0,133	FALSE
0,114	0,314	0,002	0,006	0,111	FALSE
0,014	0,301	0,000	0,011	0,015	FALSE
-0,017	0,301	0,000	0,007	0,005	FALSE
-0,053	0,318	-0,002	0,010	0,085	FALSE
0,031	0,303	0,000	0,011	0,015	FALSE
0,056	0,303	0,001	0,006	0,065	FALSE
-0,052	0,308	-0,003	0,013	0,080	FALSE
0,065	0,303	0,003	0,012	0,090	FALSE
0,017	0,301	0,001	0,008	0,066	FALSE
-0,052	0,314	-0,001	0,008	0,049	FALSE
0,027	0,305	0,001	0,008	0,056	FALSE
-0,090	0,315	-0,003	0,012	0,092	FALSE
-0,001	0,310	0,001	0,010	0,039	FALSE
-0,006	0,313	0,001	0,010	0,027	FALSE
0,013	0,311	0,002	0,010	0,065	FALSE
0,008	0,313	0,001	0,013	0,019	FALSE
0,088	0,317	0,003	0,011	0,098	FALSE
0,051	0,315	0,001	0,010	0,047	FALSE
0,016	0,305	0,000	0,008	0,009	FALSE
0,039	0,308	0,001	0,013	0,031	FALSE
-0,024	0,313	-0,001	0,008	0,031	FALSE
0,066	0,310	0,002	0,006	0,095	FALSE
0,043	0,310	0,001	0,007	0,065	FALSE
-0,030	0,307	-0,001	0,012	0,030	FALSE
0,017	0,299	0,001	0,009	0,046	FALSE
-0,006	0,296	0,000	0,008	0,022	FALSE
-0,044	0,316	-0,001	0,007	0,062	FALSE
-0,034	0,310	-0,001	0,008	0,026	FALSE
-0,048	0,310	-0,001	0,007	0,039	FALSE
0,017	0,305	0,000	0,011	0,009	FALSE
0,037	0,310	0,001	0,011	0,027	FALSE
0,026	0,307	0,001	0,013	0,026	FALSE
0,003	0,290	0,000	0,007	0,022	FALSE
-0,035	0,311	-0,001	0,009	0,038	FALSE

-0,002	0,300	0,001	0,007	0,029	FALSE
-0,012	0,317	0,000	0,007	0,022	FALSE
-0,024	0,321	0,000	0,008	0,007	FALSE
0,019	0,316	0,000	0,007	0,012	FALSE
-0,054	0,298	-0,002	0,010	0,073	FALSE
-0,094	0,306	-0,003	0,011	0,116	FALSE
-0,043	0,319	-0,001	0,013	0,041	FALSE
-0,026	0,306	-0,001	0,012	0,036	FALSE
-0,002	0,295	-0,001	0,010	0,023	FALSE
0,101	0,302	0,003	0,011	0,117	FALSE
0,056	0,310	0,002	0,010	0,059	FALSE
-0,088	0,299	-0,003	0,010	0,127	FALSE
-0,003	0,321	-0,001	0,007	0,034	FALSE
-0,070	0,315	-0,002	0,009	0,081	FALSE
-0,042	0,325	-0,001	0,007	0,060	FALSE
-0,094	0,312	-0,003	0,008	0,140	FALSE
0,031	0,306	0,001	0,007	0,046	FALSE
-0,152	0,308	-0,005	0,010	0,217	FALSE
-0,070	0,319	-0,001	0,007	0,080	FALSE
0,023	0,302	0,002	0,011	0,051	FALSE
0,112	0,319	0,004	0,011	0,136	FALSE
-0,033	0,314	-0,001	0,007	0,055	FALSE
-0,037	0,296	-0,003	0,013	0,074	FALSE
-0,015	0,316	0,000	0,007	0,016	FALSE
0,058	0,292	0,001	0,008	0,026	FALSE
0,087	0,302	0,002	0,008	0,076	FALSE
0,051	0,281	0,001	0,007	0,030	FALSE
-0,067	0,306	-0,003	0,012	0,101	FALSE
-0,096	0,308	-0,003	0,011	0,114	FALSE
0,080	0,322	0,002	0,011	0,081	FALSE
0,121	0,300	0,002	0,007	0,135	FALSE
-0,091	0,298	-0,003	0,011	0,103	FALSE
0,000	0,310	-0,001	0,009	0,021	FALSE
0,183	0,294	0,007	0,012	0,261	FALSE
-0,021	0,305	-0,001	0,011	0,033	FALSE
0,107	0,308	0,003	0,008	0,136	FALSE
0,030	0,308	0,002	0,012	0,069	FALSE
-0,018	0,318	-0,002	0,012	0,067	FALSE
-0,059	0,314	-0,002	0,009	0,063	FALSE
0,018	0,311	0,000	0,007	0,011	FALSE
-0,035	0,313	-0,002	0,012	0,052	FALSE
-0,026	0,311	-0,001	0,007	0,031	FALSE
-0,101	0,308	-0,003	0,009	0,119	FALSE
0,000	0,315	0,000	0,006	0,007	FALSE
0,042	0,301	0,001	0,009	0,053	FALSE
0,114	0,300	0,003	0,009	0,151	FALSE
0,044	0,314	0,002	0,013	0,046	FALSE
-0,042	0,324	-0,001	0,010	0,045	FALSE
0,033	0,307	0,001	0,010	0,020	FALSE
0,041	0,309	0,001	0,010	0,040	FALSE
0,026	0,320	0,001	0,009	0,029	FALSE
0,056	0,304	0,002	0,006	0,096	FALSE
0,029	0,316	0,000	0,007	0,021	FALSE

-0,062	0,316	-0,001	0,007	0,065	FALSE
0,108	0,309	0,004	0,010	0,165	FALSE
0,112	0,317	0,004	0,009	0,173	FALSE
0,105	0,303	0,003	0,009	0,136	FALSE
0,079	0,311	0,003	0,009	0,136	FALSE
-0,058	0,313	-0,001	0,007	0,066	FALSE
0,014	0,313	0,000	0,007	0,004	FALSE
-0,066	0,302	-0,003	0,010	0,110	FALSE
-0,073	0,319	-0,002	0,009	0,070	FALSE
0,021	0,300	0,000	0,010	0,009	FALSE
-0,031	0,294	-0,001	0,013	0,039	FALSE
-0,041	0,292	-0,002	0,011	0,067	FALSE
0,094	0,291	0,004	0,012	0,129	FALSE
0,083	0,305	0,002	0,009	0,088	FALSE
0,055	0,314	0,001	0,007	0,069	FALSE
0,029	0,303	0,001	0,008	0,034	FALSE
-0,074	0,303	-0,002	0,011	0,067	FALSE
0,070	0,309	0,002	0,008	0,092	FALSE
0,094	0,303	0,003	0,011	0,109	FALSE
0,090	0,293	0,002	0,007	0,120	FALSE
0,087	0,304	0,002	0,007	0,130	FALSE
-0,037	0,296	-0,001	0,008	0,051	FALSE
-0,024	0,306	-0,001	0,012	0,015	FALSE
-0,153	0,309	-0,005	0,009	0,235	FALSE
0,040	0,301	0,001	0,012	0,024	FALSE
0,029	0,316	0,001	0,008	0,043	FALSE
0,059	0,317	0,002	0,013	0,067	FALSE
0,070	0,315	0,003	0,013	0,082	FALSE
-0,017	0,310	-0,001	0,012	0,035	FALSE
-0,006	0,314	0,000	0,010	0,015	FALSE
0,040	0,310	0,001	0,012	0,022	FALSE
0,086	0,309	0,003	0,011	0,119	FALSE
-0,060	0,300	-0,003	0,011	0,124	FALSE
0,031	0,316	0,001	0,012	0,016	FALSE
-0,042	0,311	-0,001	0,008	0,042	FALSE
0,020	0,316	0,001	0,008	0,041	FALSE
0,020	0,304	0,001	0,007	0,047	FALSE
0,029	0,307	0,001	0,008	0,073	FALSE
0,008	0,313	0,000	0,008	0,009	FALSE
0,087	0,320	0,003	0,008	0,127	FALSE
0,014	0,293	0,001	0,012	0,016	FALSE
0,100	0,306	0,003	0,010	0,146	FALSE
0,121	0,316	0,003	0,007	0,152	FALSE
0,000	0,309	0,000	0,008	0,009	FALSE
-0,047	0,313	-0,002	0,011	0,050	FALSE
-0,033	0,287	-0,001	0,011	0,045	FALSE
0,077	0,311	0,002	0,007	0,104	FALSE
-0,026	0,304	0,000	0,010	0,016	FALSE
-0,043	0,297	-0,001	0,010	0,046	FALSE
-0,060	0,321	-0,002	0,011	0,066	FALSE
-0,041	0,302	-0,001	0,010	0,031	FALSE
-0,050	0,296	-0,001	0,010	0,048	FALSE
-0,047	0,296	-0,001	0,010	0,041	FALSE

0,011	0,299	0,001	0,010	0,020	FALSE
-0,076	0,307	-0,002	0,009	0,091	FALSE
-0,020	0,302	-0,001	0,010	0,024	FALSE
-0,080	0,299	-0,002	0,008	0,075	FALSE
-0,040	0,301	-0,001	0,009	0,028	FALSE
0,085	0,313	0,003	0,013	0,086	FALSE
-0,070	0,301	-0,002	0,009	0,073	FALSE
0,001	0,313	0,000	0,013	0,011	FALSE
-0,089	0,304	-0,003	0,009	0,123	FALSE
-0,067	0,298	-0,003	0,012	0,089	FALSE
0,076	0,311	0,003	0,011	0,099	FALSE
0,219	0,291	0,009	0,012	0,343	FALSE
0,179	0,289	0,008	0,012	0,272	FALSE
-0,034	0,308	-0,001	0,009	0,050	FALSE
0,087	0,313	0,003	0,008	0,127	FALSE
0,173	0,304	0,007	0,011	0,266	FALSE
-0,003	0,308	0,000	0,008	0,002	FALSE
-0,015	0,322	0,000	0,008	0,017	FALSE
0,042	0,298	0,002	0,012	0,049	FALSE
-0,004	0,298	0,001	0,012	0,020	FALSE
-0,013	0,292	-0,001	0,012	0,026	FALSE
-0,047	0,298	-0,002	0,012	0,047	FALSE
-0,076	0,310	-0,002	0,010	0,089	FALSE
0,097	0,315	0,003	0,011	0,121	FALSE
0,061	0,315	0,003	0,013	0,081	FALSE
0,048	0,295	0,003	0,011	0,097	FALSE
0,088	0,301	0,005	0,013	0,151	FALSE
0,066	0,301	0,003	0,013	0,102	FALSE
0,100	0,303	0,005	0,013	0,166	FALSE
0,093	0,315	0,005	0,013	0,147	FALSE
-0,085	0,321	-0,004	0,013	0,128	FALSE
-0,034	0,304	-0,001	0,008	0,024	FALSE
-0,019	0,295	-0,001	0,006	0,041	FALSE
0,134	0,302	0,004	0,009	0,175	FALSE
0,016	0,297	0,001	0,012	0,043	FALSE
0,063	0,292	0,002	0,010	0,070	FALSE
0,052	0,311	0,002	0,010	0,065	FALSE
-0,042	0,315	-0,001	0,007	0,026	FALSE
-0,014	0,300	-0,001	0,006	0,035	FALSE
0,115	0,297	0,003	0,007	0,159	FALSE
-0,033	0,317	-0,001	0,013	0,035	FALSE
0,024	0,302	0,001	0,008	0,049	FALSE
-0,111	0,297	-0,004	0,012	0,133	FALSE
-0,036	0,317	-0,001	0,011	0,032	FALSE
0,068	0,312	0,002	0,013	0,060	FALSE
-0,127	0,303	-0,005	0,012	0,159	FALSE
0,015	0,300	0,000	0,013	0,013	FALSE
0,015	0,314	0,000	0,013	0,011	FALSE
0,003	0,302	0,001	0,013	0,020	FALSE
0,112	0,287	0,003	0,010	0,140	FALSE
-0,075	0,301	-0,003	0,010	0,111	FALSE
-0,009	0,304	0,001	0,008	0,028	FALSE
0,035	0,303	0,001	0,012	0,045	FALSE

0,047	0,306	0,002	0,011	0,055	FALSE
0,041	0,313	0,002	0,012	0,050	FALSE
0,049	0,294	0,002	0,007	0,090	FALSE
0,090	0,299	0,003	0,010	0,106	FALSE
0,104	0,311	0,003	0,007	0,176	FALSE
0,086	0,295	0,003	0,008	0,131	FALSE
0,094	0,295	0,003	0,008	0,135	FALSE
0,076	0,304	0,002	0,008	0,113	FALSE
-0,056	0,306	-0,001	0,007	0,080	FALSE
0,202	0,294	0,007	0,011	0,267	FALSE
-0,139	0,298	-0,004	0,009	0,188	FALSE
0,039	0,315	0,001	0,012	0,024	FALSE
-0,027	0,319	0,000	0,009	0,017	FALSE
0,005	0,299	0,000	0,009	0,001	FALSE
-0,066	0,315	-0,002	0,011	0,072	FALSE
-0,005	0,301	-0,001	0,012	0,034	FALSE
0,029	0,311	0,000	0,013	0,006	FALSE
0,076	0,303	0,003	0,011	0,112	FALSE
0,034	0,311	0,000	0,013	0,013	FALSE
0,054	0,309	0,002	0,013	0,047	FALSE
0,010	0,312	0,000	0,013	0,011	FALSE
0,016	0,313	0,001	0,008	0,030	FALSE
0,035	0,306	0,001	0,010	0,017	FALSE
0,033	0,296	0,002	0,013	0,062	FALSE
0,037	0,310	0,002	0,013	0,054	FALSE
-0,007	0,302	0,000	0,007	0,007	FALSE
-0,069	0,294	-0,003	0,011	0,090	FALSE
0,020	0,300	0,001	0,008	0,036	FALSE
-0,139	0,287	-0,004	0,008	0,194	FALSE
0,157	0,304	0,005	0,009	0,214	FALSE
-0,034	0,321	-0,002	0,013	0,065	FALSE
-0,073	0,308	-0,002	0,011	0,068	FALSE
-0,040	0,303	-0,002	0,012	0,066	FALSE
-0,052	0,312	-0,002	0,011	0,066	FALSE
-0,069	0,315	-0,003	0,010	0,103	FALSE
-0,002	0,316	0,001	0,007	0,030	FALSE
0,083	0,307	0,003	0,011	0,103	FALSE
-0,127	0,317	-0,005	0,011	0,183	FALSE
0,010	0,305	0,001	0,011	0,018	FALSE
-0,043	0,304	-0,002	0,011	0,058	FALSE
-0,066	0,315	-0,002	0,011	0,071	FALSE
-0,069	0,319	-0,002	0,011	0,077	FALSE
-0,033	0,310	-0,002	0,013	0,045	FALSE
-0,072	0,312	-0,003	0,013	0,098	FALSE
-0,092	0,309	-0,004	0,013	0,136	FALSE
0,065	0,307	0,002	0,010	0,068	FALSE
-0,084	0,306	-0,004	0,012	0,141	FALSE
-0,100	0,300	-0,003	0,010	0,120	FALSE
0,116	0,300	0,003	0,007	0,147	FALSE
0,103	0,294	0,003	0,007	0,140	FALSE
0,081	0,309	0,002	0,008	0,097	FALSE
0,110	0,307	0,003	0,008	0,137	FALSE
0,101	0,312	0,003	0,008	0,130	FALSE

0,095	0,313	0,002	0,008	0,108	FALSE
-0,036	0,307	0,000	0,007	0,024	FALSE
-0,007	0,306	0,000	0,010	0,008	FALSE
0,126	0,313	0,003	0,007	0,166	FALSE
-0,194	0,322	-0,008	0,013	0,264	FALSE
-0,146	0,309	-0,006	0,010	0,229	FALSE
-0,095	0,304	-0,003	0,008	0,125	FALSE
0,115	0,303	0,003	0,008	0,179	FALSE
0,194	0,307	0,006	0,008	0,307	FALSE
-0,126	0,310	-0,004	0,008	0,182	FALSE
-0,066	0,300	-0,002	0,007	0,101	FALSE
-0,078	0,305	-0,002	0,006	0,105	FALSE
0,010	0,321	0,000	0,007	0,002	FALSE
-0,012	0,296	-0,001	0,006	0,035	FALSE
0,039	0,305	0,002	0,012	0,067	FALSE
0,045	0,308	0,002	0,013	0,062	FALSE
0,002	0,315	0,000	0,012	0,008	FALSE
-0,004	0,308	0,000	0,012	0,010	FALSE
0,047	0,298	0,001	0,013	0,033	FALSE
-0,009	0,317	0,000	0,007	0,015	FALSE
0,048	0,296	0,002	0,008	0,097	FALSE
-0,060	0,303	-0,002	0,012	0,054	FALSE
-0,072	0,308	-0,002	0,012	0,067	FALSE
-0,072	0,305	-0,004	0,013	0,135	FALSE
-0,075	0,309	-0,004	0,013	0,129	FALSE
0,068	0,296	0,003	0,012	0,083	FALSE
-0,068	0,314	-0,002	0,009	0,082	FALSE
-0,004	0,315	0,000	0,009	0,002	FALSE
-0,063	0,291	-0,001	0,008	0,068	FALSE
-0,018	0,307	-0,001	0,011	0,025	FALSE
0,036	0,300	0,002	0,009	0,074	FALSE
0,075	0,308	0,003	0,009	0,112	FALSE
0,093	0,317	0,003	0,009	0,134	FALSE
-0,014	0,300	0,000	0,008	0,015	FALSE
0,033	0,309	0,001	0,010	0,033	FALSE
-0,025	0,312	-0,001	0,011	0,024	FALSE
0,045	0,317	0,002	0,010	0,063	FALSE
-0,047	0,302	-0,001	0,008	0,041	FALSE
0,005	0,312	0,000	0,008	0,012	FALSE
-0,031	0,297	-0,001	0,007	0,047	FALSE
0,044	0,300	0,002	0,013	0,060	FALSE
-0,002	0,330	0,000	0,014	0,003	FALSE
0,095	0,298	0,003	0,007	0,170	FALSE
0,026	0,305	0,000	0,012	0,006	FALSE
-0,072	0,301	-0,002	0,009	0,075	FALSE
-0,048	0,306	-0,001	0,007	0,069	FALSE
-0,020	0,303	-0,001	0,007	0,031	FALSE
-0,029	0,319	-0,001	0,013	0,022	FALSE
0,107	0,309	0,002	0,007	0,129	FALSE
0,113	0,301	0,002	0,007	0,136	FALSE
-0,007	0,310	-0,001	0,012	0,036	FALSE
-0,019	0,304	-0,002	0,013	0,055	FALSE
0,053	0,313	0,001	0,007	0,041	FALSE

-0,009	0,287	0,000	0,008	0,004	FALSE
0,035	0,325	0,001	0,013	0,019	FALSE
-0,083	0,317	-0,002	0,010	0,083	FALSE
-0,028	0,308	-0,001	0,011	0,024	FALSE
-0,017	0,308	0,000	0,012	0,014	FALSE
0,042	0,296	0,002	0,008	0,084	FALSE
0,038	0,314	0,001	0,013	0,030	FALSE
-0,042	0,313	-0,001	0,007	0,036	FALSE
0,050	0,313	0,002	0,007	0,098	FALSE
0,004	0,315	0,000	0,010	0,009	FALSE
-0,092	0,302	-0,003	0,012	0,106	FALSE
0,037	0,308	0,000	0,007	0,014	FALSE
0,057	0,298	0,001	0,007	0,046	FALSE
-0,016	0,313	0,000	0,010	0,013	FALSE
-0,015	0,300	0,000	0,009	0,011	FALSE
-0,011	0,304	0,000	0,008	0,015	FALSE
-0,160	0,308	-0,007	0,013	0,233	FALSE
0,195	0,297	0,007	0,010	0,295	FALSE
0,149	0,305	0,005	0,011	0,212	FALSE
-0,046	0,300	-0,002	0,009	0,079	FALSE
0,112	0,312	0,002	0,007	0,132	FALSE
0,123	0,306	0,003	0,007	0,147	FALSE
0,106	0,306	0,002	0,007	0,123	FALSE
0,137	0,315	0,003	0,006	0,167	FALSE
-0,072	0,311	-0,001	0,007	0,084	FALSE
-0,120	0,312	-0,004	0,012	0,143	FALSE
-0,121	0,318	-0,005	0,012	0,151	FALSE
0,055	0,323	0,002	0,007	0,086	FALSE
-0,106	0,293	-0,002	0,006	0,151	FALSE
-0,082	0,317	-0,004	0,013	0,129	FALSE
-0,057	0,311	-0,003	0,012	0,088	FALSE
-0,081	0,305	-0,002	0,009	0,078	FALSE
0,016	0,308	0,001	0,012	0,029	FALSE
-0,004	0,309	0,000	0,009	0,008	FALSE
0,074	0,308	0,002	0,007	0,117	FALSE
-0,118	0,313	-0,005	0,013	0,151	FALSE
-0,121	0,303	-0,004	0,011	0,143	FALSE
0,068	0,309	0,003	0,009	0,109	FALSE
-0,049	0,319	-0,003	0,012	0,076	FALSE
-0,029	0,311	-0,001	0,008	0,032	FALSE
0,022	0,297	0,001	0,011	0,040	FALSE
-0,010	0,302	0,000	0,009	0,005	FALSE
0,019	0,306	0,000	0,013	0,001	FALSE
0,066	0,311	0,001	0,007	0,073	FALSE
0,100	0,314	0,002	0,007	0,116	FALSE
0,171	0,298	0,005	0,008	0,236	FALSE
-0,082	0,310	-0,002	0,007	0,105	FALSE
0,129	0,315	0,004	0,008	0,215	FALSE
-0,015	0,312	0,000	0,007	0,021	FALSE
0,092	0,306	0,004	0,009	0,177	FALSE
0,031	0,314	0,001	0,008	0,060	FALSE
0,108	0,308	0,003	0,008	0,127	FALSE
-0,009	0,307	0,000	0,009	0,012	FALSE

0,180	0,301	0,006	0,010	0,238	FALSE
-0,005	0,308	0,001	0,010	0,025	FALSE
-0,030	0,306	0,000	0,010	0,015	FALSE
-0,078	0,302	-0,003	0,013	0,094	FALSE
-0,006	0,301	0,000	0,009	0,014	FALSE
-0,145	0,309	-0,006	0,013	0,202	FALSE
0,011	0,301	0,000	0,008	0,003	FALSE
0,049	0,301	0,001	0,009	0,047	FALSE
-0,131	0,301	-0,005	0,013	0,142	FALSE
0,114	0,312	0,002	0,007	0,120	FALSE
0,009	0,322	0,000	0,007	0,009	FALSE
-0,072	0,305	-0,002	0,008	0,094	FALSE
0,036	0,317	0,001	0,011	0,017	FALSE
-0,153	0,295	-0,003	0,007	0,176	FALSE
-0,082	0,290	-0,002	0,007	0,127	FALSE
-0,046	0,319	-0,002	0,012	0,074	FALSE
0,014	0,294	0,001	0,007	0,054	FALSE
0,166	0,298	0,004	0,006	0,289	FALSE
-0,100	0,308	-0,004	0,011	0,141	FALSE
0,034	0,302	0,001	0,012	0,037	FALSE
-0,074	0,292	-0,002	0,009	0,087	FALSE
0,180	0,286	0,005	0,007	0,315	FALSE
0,098	0,309	0,003	0,010	0,101	FALSE
0,040	0,303	0,002	0,012	0,068	FALSE
0,020	0,306	0,000	0,007	0,002	FALSE
0,148	0,305	0,006	0,011	0,240	FALSE
0,119	0,310	0,003	0,008	0,163	FALSE
0,157	0,312	0,005	0,009	0,233	FALSE
-0,060	0,301	-0,002	0,012	0,074	FALSE
-0,082	0,306	-0,003	0,011	0,111	FALSE
0,078	0,304	0,002	0,011	0,080	FALSE
0,033	0,298	0,000	0,007	0,023	FALSE
0,100	0,301	0,002	0,010	0,086	FALSE
0,134	0,299	0,004	0,008	0,188	FALSE
0,024	0,301	0,002	0,011	0,063	FALSE
-0,007	0,314	-0,001	0,013	0,033	FALSE
0,048	0,312	0,002	0,012	0,049	FALSE
-0,084	0,308	-0,004	0,013	0,125	FALSE
0,033	0,319	0,001	0,013	0,021	FALSE
0,020	0,312	0,001	0,012	0,016	FALSE
0,024	0,304	0,001	0,008	0,060	FALSE
0,057	0,313	0,003	0,010	0,112	FALSE
0,024	0,311	0,000	0,008	0,007	FALSE
0,072	0,304	0,002	0,007	0,099	FALSE
0,020	0,315	0,000	0,007	0,006	FALSE
0,040	0,311	0,000	0,007	0,021	FALSE
-0,037	0,322	-0,001	0,011	0,031	FALSE
0,076	0,315	0,003	0,011	0,099	FALSE
0,048	0,315	0,002	0,011	0,059	FALSE
0,123	0,308	0,003	0,007	0,183	FALSE
-0,042	0,315	-0,001	0,009	0,046	FALSE
0,142	0,295	0,004	0,007	0,228	FALSE
0,130	0,309	0,004	0,008	0,209	FALSE

-0,071	0,302	-0,002	0,007	0,095	FALSE
-0,067	0,318	-0,002	0,008	0,083	FALSE
0,061	0,303	0,002	0,010	0,065	FALSE
-0,081	0,308	-0,002	0,007	0,078	FALSE
0,080	0,301	0,002	0,007	0,134	FALSE
-0,043	0,304	-0,001	0,007	0,049	FALSE
-0,067	0,313	-0,001	0,007	0,074	FALSE
0,041	0,305	0,001	0,012	0,035	FALSE
0,056	0,318	0,001	0,013	0,036	FALSE
-0,038	0,312	-0,001	0,012	0,028	FALSE
0,147	0,307	0,004	0,007	0,214	FALSE
0,035	0,301	0,001	0,006	0,065	FALSE
0,139	0,303	0,004	0,008	0,190	FALSE
0,126	0,309	0,004	0,009	0,174	FALSE
-0,105	0,312	-0,004	0,012	0,144	FALSE
0,098	0,318	0,003	0,007	0,163	FALSE
-0,071	0,301	-0,002	0,007	0,107	FALSE
0,000	0,295	0,001	0,007	0,037	FALSE
-0,052	0,310	-0,001	0,010	0,031	FALSE
-0,039	0,304	-0,001	0,012	0,045	FALSE
-0,033	0,320	-0,001	0,013	0,027	FALSE
0,021	0,311	0,000	0,010	0,001	FALSE
-0,003	0,311	-0,001	0,011	0,017	FALSE
-0,062	0,295	-0,004	0,012	0,135	FALSE
-0,153	0,310	-0,003	0,007	0,189	FALSE
-0,121	0,317	-0,002	0,007	0,145	FALSE
0,002	0,295	0,000	0,012	0,001	FALSE
-0,111	0,324	-0,003	0,008	0,136	FALSE
0,093	0,301	0,003	0,011	0,129	FALSE
0,115	0,300	0,004	0,011	0,162	FALSE
-0,082	0,303	-0,001	0,007	0,072	FALSE
0,172	0,317	0,004	0,008	0,232	FALSE
-0,002	0,308	0,001	0,011	0,022	FALSE
-0,007	0,306	-0,001	0,012	0,023	FALSE
-0,072	0,321	-0,002	0,011	0,081	FALSE
0,101	0,295	0,003	0,010	0,105	FALSE
0,092	0,317	0,003	0,009	0,118	FALSE
-0,001	0,306	0,001	0,006	0,039	FALSE
0,039	0,292	0,001	0,007	0,034	FALSE
0,080	0,315	0,003	0,011	0,099	FALSE
-0,062	0,309	-0,002	0,008	0,093	FALSE
0,117	0,298	0,003	0,008	0,127	FALSE
-0,007	0,289	-0,001	0,008	0,029	FALSE
0,058	0,320	0,002	0,009	0,078	FALSE
0,142	0,306	0,005	0,011	0,178	FALSE
0,111	0,315	0,004	0,010	0,149	FALSE
0,031	0,304	0,002	0,011	0,063	FALSE
-0,040	0,300	-0,001	0,007	0,045	FALSE
-0,001	0,302	0,001	0,012	0,020	FALSE
-0,029	0,313	-0,002	0,011	0,055	FALSE
-0,053	0,305	-0,001	0,008	0,039	FALSE
0,040	0,306	0,001	0,012	0,038	FALSE
0,084	0,312	0,003	0,008	0,164	FALSE

0,027	0,297	0,000	0,011	0,000	FALSE
0,085	0,295	0,002	0,011	0,069	FALSE
0,022	0,300	0,000	0,010	0,010	FALSE
-0,016	0,296	0,000	0,012	0,002	FALSE
0,008	0,306	0,000	0,007	0,022	FALSE
-0,050	0,301	-0,001	0,010	0,045	FALSE
-0,083	0,302	-0,002	0,010	0,076	FALSE
0,027	0,298	0,001	0,008	0,034	FALSE
-0,070	0,316	-0,004	0,012	0,118	FALSE
-0,012	0,295	-0,001	0,009	0,035	FALSE
0,049	0,314	0,002	0,010	0,086	FALSE
-0,059	0,296	-0,003	0,012	0,081	FALSE
0,030	0,310	0,001	0,007	0,050	FALSE
-0,025	0,297	0,000	0,013	0,004	FALSE
-0,006	0,322	-0,001	0,009	0,020	FALSE
-0,119	0,313	-0,005	0,012	0,185	FALSE
-0,039	0,309	-0,001	0,007	0,039	FALSE
0,032	0,301	0,001	0,007	0,031	FALSE
-0,016	0,305	0,000	0,010	0,012	FALSE
0,012	0,321	0,000	0,008	0,009	FALSE
0,043	0,297	0,001	0,010	0,051	FALSE
0,144	0,302	0,003	0,006	0,234	FALSE
0,093	0,295	0,003	0,007	0,148	FALSE
0,110	0,302	0,004	0,008	0,204	FALSE
-0,009	0,314	0,000	0,008	0,009	FALSE
0,041	0,304	0,000	0,011	0,002	FALSE
-0,006	0,313	0,000	0,009	0,000	FALSE
0,014	0,321	0,001	0,013	0,039	FALSE
0,049	0,295	0,002	0,007	0,099	FALSE
0,047	0,302	0,004	0,013	0,113	FALSE
-0,001	0,308	0,001	0,008	0,041	FALSE
0,112	0,303	0,005	0,010	0,192	FALSE
0,044	0,309	0,002	0,008	0,094	FALSE
0,168	0,302	0,004	0,007	0,243	FALSE
-0,031	0,317	-0,002	0,013	0,054	FALSE
0,098	0,296	0,004	0,011	0,129	FALSE
0,032	0,305	0,001	0,012	0,029	FALSE
0,000	0,296	0,000	0,007	0,008	FALSE
-0,011	0,307	0,000	0,007	0,011	FALSE
-0,087	0,307	-0,002	0,008	0,108	FALSE
0,002	0,310	0,000	0,007	0,002	FALSE
-0,050	0,301	-0,002	0,013	0,071	FALSE
-0,043	0,298	-0,001	0,009	0,062	FALSE
0,107	0,315	0,004	0,010	0,162	FALSE
-0,045	0,298	-0,001	0,007	0,034	FALSE
0,105	0,300	0,004	0,013	0,135	FALSE
-0,050	0,310	-0,001	0,008	0,051	FALSE
-0,129	0,306	-0,003	0,007	0,159	FALSE
-0,044	0,319	-0,002	0,011	0,064	FALSE
-0,035	0,327	-0,001	0,010	0,052	FALSE
0,014	0,302	0,000	0,010	0,005	FALSE
0,100	0,318	0,004	0,013	0,134	FALSE
-0,006	0,309	0,000	0,010	0,011	FALSE

-0,132	0,305	-0,005	0,013	0,170	FALSE
-0,127	0,313	-0,005	0,013	0,165	FALSE
0,107	0,309	0,004	0,013	0,132	FALSE
0,083	0,309	0,002	0,007	0,107	FALSE
0,099	0,300	0,002	0,007	0,143	FALSE
-0,025	0,311	-0,001	0,008	0,035	FALSE
-0,144	0,298	-0,006	0,011	0,255	FALSE
-0,137	0,312	-0,006	0,011	0,246	FALSE
-0,138	0,293	-0,006	0,011	0,241	FALSE
-0,102	0,304	-0,003	0,007	0,152	FALSE
-0,108	0,303	-0,004	0,010	0,180	FALSE
-0,151	0,297	-0,006	0,010	0,256	FALSE
-0,137	0,298	-0,006	0,011	0,216	FALSE
-0,039	0,309	-0,002	0,010	0,066	FALSE
-0,094	0,313	-0,003	0,011	0,098	FALSE
-0,087	0,309	-0,003	0,009	0,138	FALSE
-0,035	0,309	-0,002	0,012	0,064	FALSE
0,000	0,304	-0,001	0,011	0,023	FALSE
-0,127	0,316	-0,004	0,011	0,147	FALSE
-0,058	0,302	-0,002	0,010	0,064	FALSE
0,078	0,306	0,003	0,012	0,104	FALSE
0,021	0,305	0,000	0,007	0,011	FALSE
0,022	0,299	0,000	0,007	0,013	FALSE
0,055	0,308	0,001	0,007	0,044	FALSE
0,025	0,314	0,000	0,010	0,002	FALSE
0,044	0,302	0,001	0,010	0,029	FALSE
0,046	0,322	0,001	0,010	0,025	FALSE
-0,013	0,317	0,000	0,010	0,001	FALSE
0,013	0,312	0,001	0,010	0,039	FALSE
0,156	0,304	0,006	0,011	0,210	FALSE
0,100	0,303	0,003	0,009	0,149	FALSE
0,115	0,311	0,004	0,012	0,148	FALSE
0,044	0,321	0,002	0,013	0,064	FALSE
-0,073	0,315	-0,003	0,012	0,111	FALSE
0,081	0,302	0,003	0,010	0,120	FALSE
-0,010	0,319	-0,001	0,012	0,026	FALSE
0,053	0,319	0,001	0,008	0,043	FALSE
-0,024	0,310	-0,001	0,010	0,020	FALSE
0,076	0,300	0,002	0,007	0,129	FALSE
0,082	0,310	0,003	0,011	0,105	FALSE
0,012	0,299	0,000	0,008	0,013	FALSE
-0,040	0,297	-0,001	0,007	0,055	FALSE
-0,010	0,296	0,000	0,009	0,020	FALSE
-0,047	0,299	-0,001	0,007	0,048	FALSE
0,117	0,298	0,003	0,010	0,128	FALSE
0,107	0,306	0,004	0,013	0,120	FALSE
-0,064	0,317	-0,002	0,009	0,081	FALSE
0,094	0,305	0,003	0,010	0,120	FALSE
-0,074	0,312	-0,002	0,010	0,087	FALSE
0,073	0,303	0,002	0,013	0,050	FALSE
0,009	0,307	0,001	0,009	0,026	FALSE
0,155	0,310	0,004	0,008	0,193	FALSE
-0,043	0,295	-0,002	0,009	0,067	FALSE

-0,110	0,301	-0,005	0,012	0,151	FALSE
-0,023	0,304	-0,001	0,010	0,023	FALSE
-0,015	0,317	-0,001	0,009	0,026	FALSE
-0,039	0,304	-0,001	0,009	0,046	FALSE
0,114	0,298	0,003	0,008	0,149	FALSE
-0,135	0,314	-0,004	0,010	0,161	FALSE
0,035	0,320	0,001	0,013	0,019	FALSE
-0,014	0,311	0,000	0,007	0,005	FALSE
0,006	0,320	0,000	0,008	0,018	FALSE
0,053	0,310	0,002	0,009	0,076	FALSE
-0,045	0,317	-0,003	0,013	0,077	FALSE
0,128	0,306	0,003	0,007	0,202	FALSE
0,062	0,318	0,002	0,011	0,059	FALSE
0,090	0,328	0,003	0,010	0,114	FALSE
-0,035	0,305	-0,001	0,012	0,044	FALSE
-0,068	0,302	-0,003	0,013	0,104	FALSE
-0,041	0,318	-0,001	0,008	0,066	FALSE
-0,031	0,304	-0,001	0,007	0,074	FALSE
-0,021	0,309	-0,001	0,008	0,030	FALSE
-0,001	0,301	-0,001	0,008	0,025	FALSE
0,020	0,303	0,001	0,013	0,026	FALSE
-0,018	0,298	0,000	0,007	0,018	FALSE
-0,010	0,310	0,000	0,008	0,010	FALSE
0,044	0,309	0,002	0,009	0,086	FALSE
0,060	0,308	0,001	0,008	0,057	FALSE
-0,126	0,316	-0,003	0,009	0,143	FALSE
0,062	0,289	0,001	0,010	0,057	FALSE
-0,029	0,316	-0,001	0,013	0,039	FALSE
0,107	0,304	0,003	0,008	0,145	FALSE
0,159	0,300	0,007	0,011	0,246	FALSE
-0,140	0,303	-0,004	0,008	0,209	FALSE
-0,056	0,309	-0,003	0,012	0,077	FALSE
-0,049	0,300	-0,001	0,009	0,041	FALSE
-0,047	0,294	-0,001	0,010	0,049	FALSE
0,008	0,290	0,001	0,006	0,038	FALSE
0,021	0,317	0,000	0,013	0,009	FALSE
-0,039	0,299	-0,001	0,007	0,074	FALSE
-0,071	0,313	-0,003	0,013	0,087	FALSE
0,092	0,314	0,003	0,010	0,126	FALSE
0,100	0,286	0,004	0,008	0,168	FALSE
-0,160	0,295	-0,007	0,012	0,245	FALSE
0,047	0,297	0,001	0,008	0,070	FALSE
0,078	0,308	0,002	0,009	0,084	FALSE
0,049	0,312	0,002	0,011	0,064	FALSE
0,166	0,297	0,004	0,008	0,237	FALSE
-0,066	0,291	-0,002	0,010	0,087	FALSE
-0,039	0,323	-0,001	0,009	0,042	FALSE
0,082	0,292	0,003	0,009	0,109	FALSE
-0,025	0,297	-0,001	0,008	0,051	FALSE
-0,002	0,311	-0,001	0,009	0,029	FALSE
0,052	0,298	0,003	0,010	0,096	FALSE
0,071	0,301	0,002	0,010	0,074	FALSE
-0,078	0,306	-0,003	0,011	0,115	FALSE

0,017	0,295	0,001	0,009	0,036	FALSE
-0,016	0,310	-0,001	0,013	0,035	FALSE
-0,068	0,307	-0,001	0,008	0,066	FALSE
0,180	0,310	0,005	0,009	0,253	FALSE
-0,124	0,317	-0,003	0,007	0,154	FALSE
0,068	0,313	0,001	0,007	0,053	FALSE
-0,142	0,294	-0,003	0,006	0,212	FALSE
-0,027	0,305	-0,001	0,009	0,038	FALSE
-0,067	0,318	-0,003	0,013	0,085	FALSE
-0,012	0,310	0,000	0,012	0,008	FALSE
-0,017	0,311	-0,001	0,012	0,028	FALSE
-0,091	0,311	-0,002	0,007	0,106	FALSE
-0,011	0,317	0,000	0,013	0,011	FALSE
-0,142	0,302	-0,004	0,007	0,216	FALSE
0,055	0,311	0,002	0,009	0,072	FALSE
0,003	0,309	0,000	0,010	0,009	FALSE
-0,022	0,297	0,000	0,009	0,007	FALSE
0,013	0,311	0,000	0,013	0,002	FALSE
0,154	0,301	0,005	0,009	0,220	FALSE
-0,086	0,315	-0,003	0,011	0,111	FALSE
-0,033	0,307	-0,001	0,011	0,029	FALSE
0,018	0,294	0,000	0,012	0,014	FALSE
0,069	0,305	0,002	0,008	0,108	FALSE
-0,060	0,306	-0,003	0,010	0,115	FALSE
-0,092	0,306	-0,004	0,013	0,113	FALSE
-0,074	0,302	-0,004	0,013	0,136	FALSE
-0,025	0,311	0,000	0,010	0,014	FALSE
0,086	0,311	0,004	0,012	0,118	FALSE
-0,033	0,307	-0,001	0,008	0,049	FALSE
-0,080	0,305	-0,002	0,013	0,059	FALSE
-0,068	0,308	-0,002	0,007	0,089	FALSE
-0,005	0,295	0,000	0,009	0,003	FALSE
-0,012	0,311	0,000	0,009	0,002	FALSE
-0,041	0,320	-0,002	0,010	0,063	FALSE
-0,027	0,315	-0,001	0,007	0,028	FALSE
-0,070	0,315	-0,003	0,012	0,110	FALSE
0,124	0,312	0,006	0,013	0,192	TRUE
0,050	0,311	0,003	0,014	0,092	FALSE
0,043	0,297	0,001	0,006	0,064	FALSE
-0,055	0,300	-0,001	0,009	0,041	FALSE
-0,007	0,302	0,000	0,013	0,006	FALSE
0,040	0,312	0,002	0,012	0,059	FALSE
0,038	0,301	0,002	0,011	0,053	FALSE
0,063	0,299	0,002	0,008	0,079	FALSE
0,028	0,300	0,001	0,009	0,027	FALSE
-0,096	0,313	-0,005	0,013	0,141	FALSE
0,079	0,301	0,003	0,012	0,119	FALSE
0,080	0,295	0,003	0,011	0,116	FALSE
-0,139	0,305	-0,006	0,013	0,191	FALSE
-0,158	0,308	-0,006	0,011	0,244	FALSE
-0,105	0,302	-0,003	0,007	0,159	FALSE
0,095	0,295	0,004	0,012	0,129	FALSE
0,080	0,314	0,003	0,012	0,095	FALSE

-0,052	0,290	-0,002	0,010	0,096	FALSE
0,077	0,299	0,004	0,012	0,118	FALSE
-0,153	0,296	-0,004	0,007	0,256	FALSE
-0,084	0,310	-0,003	0,011	0,109	FALSE
-0,002	0,303	-0,001	0,010	0,022	FALSE
0,107	0,313	0,003	0,008	0,143	FALSE
0,139	0,313	0,004	0,009	0,175	FALSE
0,042	0,307	0,002	0,011	0,083	FALSE
0,023	0,310	0,000	0,010	0,016	FALSE
0,121	0,311	0,004	0,010	0,173	FALSE
-0,017	0,312	0,000	0,013	0,003	FALSE
0,161	0,306	0,006	0,010	0,285	FALSE
0,101	0,304	0,004	0,009	0,173	FALSE
-0,049	0,303	-0,001	0,007	0,075	FALSE
0,007	0,292	0,000	0,009	0,013	FALSE
0,080	0,307	0,002	0,007	0,117	FALSE
0,174	0,304	0,006	0,009	0,272	FALSE
0,043	0,308	0,000	0,012	0,011	FALSE
-0,088	0,310	-0,002	0,008	0,116	FALSE
-0,001	0,307	0,001	0,010	0,020	FALSE
-0,008	0,309	0,000	0,006	0,019	FALSE
0,053	0,300	0,001	0,009	0,036	FALSE
-0,024	0,328	-0,001	0,012	0,031	FALSE
-0,043	0,307	-0,001	0,010	0,032	FALSE
-0,038	0,299	-0,001	0,006	0,046	FALSE
-0,022	0,310	-0,001	0,011	0,033	FALSE
0,159	0,300	0,006	0,012	0,207	FALSE
-0,102	0,300	-0,003	0,010	0,112	FALSE
-0,002	0,323	0,000	0,007	0,021	FALSE
0,058	0,309	0,003	0,013	0,078	FALSE
0,070	0,314	0,002	0,010	0,063	FALSE
0,106	0,304	0,004	0,012	0,133	FALSE
-0,010	0,322	0,000	0,008	0,000	FALSE
0,119	0,310	0,003	0,008	0,154	FALSE
-0,077	0,312	-0,003	0,012	0,102	FALSE
-0,080	0,313	-0,004	0,013	0,112	FALSE
0,096	0,309	0,004	0,012	0,120	FALSE
0,082	0,300	0,004	0,012	0,118	FALSE
0,021	0,311	0,000	0,012	0,001	FALSE
-0,041	0,308	-0,001	0,012	0,037	FALSE
-0,069	0,312	-0,003	0,013	0,104	FALSE
0,152	0,301	0,006	0,012	0,204	FALSE
-0,008	0,301	0,000	0,012	0,006	FALSE
-0,082	0,300	-0,003	0,011	0,118	FALSE
-0,070	0,297	-0,003	0,012	0,090	FALSE
0,070	0,303	0,002	0,008	0,089	FALSE
0,096	0,305	0,004	0,012	0,124	FALSE
-0,020	0,308	-0,001	0,012	0,025	FALSE
0,012	0,309	0,000	0,011	0,015	FALSE
-0,060	0,306	-0,001	0,007	0,076	FALSE
-0,016	0,305	-0,001	0,013	0,018	FALSE
-0,153	0,309	-0,007	0,013	0,216	FALSE
0,098	0,311	0,004	0,011	0,138	FALSE

0,038	0,312	0,002	0,012	0,046	FALSE
0,070	0,316	0,003	0,012	0,078	FALSE
-0,092	0,291	-0,002	0,011	0,079	FALSE
0,030	0,316	0,001	0,012	0,030	FALSE
-0,108	0,312	-0,002	0,007	0,130	FALSE
0,072	0,320	0,003	0,012	0,083	FALSE
-0,153	0,307	-0,003	0,007	0,196	FALSE
-0,108	0,323	-0,002	0,007	0,130	FALSE
0,096	0,312	0,004	0,012	0,128	FALSE
-0,025	0,293	-0,002	0,012	0,065	FALSE
0,045	0,311	0,002	0,009	0,063	FALSE
0,038	0,299	0,001	0,008	0,053	FALSE
-0,086	0,299	-0,002	0,011	0,088	FALSE
0,022	0,301	0,000	0,007	0,024	FALSE
0,050	0,321	0,002	0,008	0,075	FALSE
0,048	0,319	0,002	0,013	0,047	FALSE
-0,138	0,288	-0,003	0,007	0,173	FALSE
-0,019	0,302	-0,001	0,007	0,029	FALSE
0,025	0,314	0,000	0,008	0,020	FALSE
-0,118	0,314	-0,003	0,009	0,120	FALSE
0,087	0,312	0,002	0,008	0,098	FALSE
-0,036	0,308	-0,002	0,013	0,043	FALSE
0,080	0,311	0,002	0,009	0,080	FALSE
0,101	0,302	0,004	0,012	0,147	FALSE
0,031	0,306	0,001	0,009	0,021	FALSE
-0,103	0,305	-0,004	0,011	0,135	FALSE
-0,095	0,306	-0,003	0,009	0,135	FALSE
-0,086	0,308	-0,003	0,009	0,117	FALSE
-0,005	0,306	-0,001	0,009	0,034	FALSE
0,039	0,285	0,002	0,010	0,076	FALSE
0,047	0,312	0,001	0,007	0,057	FALSE
0,044	0,301	0,001	0,012	0,034	FALSE
-0,003	0,305	0,000	0,010	0,007	FALSE
-0,071	0,288	-0,003	0,009	0,119	FALSE
-0,006	0,304	0,001	0,011	0,023	FALSE
0,056	0,301	0,001	0,008	0,049	FALSE
-0,085	0,306	-0,002	0,008	0,080	FALSE
0,168	0,293	0,006	0,011	0,225	FALSE
-0,094	0,307	-0,002	0,008	0,094	FALSE
-0,021	0,302	-0,001	0,013	0,021	FALSE
0,022	0,305	0,000	0,008	0,005	FALSE
-0,052	0,295	-0,002	0,009	0,092	FALSE
-0,054	0,304	-0,002	0,009	0,081	FALSE
-0,105	0,312	-0,003	0,008	0,143	FALSE
0,108	0,301	0,004	0,011	0,146	FALSE
-0,052	0,309	-0,001	0,008	0,066	FALSE
0,099	0,297	0,004	0,012	0,136	FALSE
-0,068	0,295	-0,002	0,008	0,081	FALSE
-0,141	0,304	-0,005	0,012	0,175	FALSE
-0,074	0,293	-0,001	0,007	0,054	FALSE
-0,075	0,312	-0,002	0,009	0,086	FALSE
-0,034	0,314	-0,002	0,009	0,062	FALSE
0,057	0,331	0,002	0,010	0,084	FALSE

0,135	0,296	0,003	0,006	0,221	FALSE
0,149	0,310	0,003	0,006	0,229	FALSE
0,106	0,312	0,004	0,011	0,155	FALSE
-0,080	0,306	-0,002	0,009	0,079	FALSE
0,010	0,317	0,000	0,013	0,008	FALSE
-0,004	0,313	0,000	0,012	0,005	FALSE
0,073	0,315	0,002	0,007	0,089	FALSE
-0,026	0,310	-0,001	0,011	0,045	FALSE
0,068	0,319	0,003	0,012	0,085	FALSE
-0,034	0,310	-0,001	0,013	0,029	FALSE
0,022	0,320	0,001	0,013	0,026	FALSE
0,017	0,310	0,001	0,010	0,051	FALSE
0,076	0,316	0,003	0,013	0,096	FALSE
-0,117	0,296	-0,003	0,008	0,166	FALSE
-0,086	0,304	-0,002	0,009	0,110	FALSE
-0,031	0,310	-0,001	0,013	0,029	FALSE
-0,058	0,304	-0,003	0,012	0,109	FALSE
0,014	0,312	0,002	0,012	0,047	FALSE
0,017	0,318	0,001	0,013	0,035	FALSE
-0,088	0,290	-0,004	0,012	0,142	FALSE
-0,089	0,299	-0,002	0,008	0,121	FALSE
-0,017	0,313	-0,002	0,010	0,058	FALSE
-0,016	0,298	-0,002	0,010	0,057	FALSE
-0,106	0,300	-0,003	0,007	0,169	FALSE
-0,166	0,304	-0,007	0,013	0,254	FALSE
0,205	0,296	0,008	0,010	0,364	FALSE
-0,045	0,315	-0,002	0,010	0,056	FALSE
-0,153	0,303	-0,006	0,012	0,202	FALSE
-0,042	0,312	-0,002	0,013	0,048	FALSE
-0,070	0,302	-0,002	0,008	0,074	FALSE
-0,035	0,322	-0,001	0,013	0,037	FALSE
0,001	0,320	0,000	0,012	0,004	FALSE
0,078	0,304	0,003	0,012	0,103	FALSE
0,015	0,320	0,001	0,013	0,019	FALSE
-0,013	0,309	0,000	0,008	0,008	FALSE
-0,007	0,322	0,000	0,009	0,002	FALSE
0,053	0,300	0,002	0,012	0,056	FALSE
-0,063	0,311	-0,003	0,013	0,083	FALSE
-0,054	0,309	-0,001	0,007	0,049	FALSE
-0,033	0,314	-0,001	0,008	0,044	FALSE
0,032	0,299	0,002	0,013	0,052	FALSE
-0,007	0,317	0,000	0,007	0,009	FALSE
0,039	0,318	0,002	0,011	0,052	FALSE
-0,023	0,312	-0,001	0,011	0,047	FALSE
-0,009	0,294	0,000	0,009	0,011	FALSE
0,035	0,309	0,000	0,007	0,023	FALSE
0,053	0,302	0,002	0,012	0,074	FALSE
-0,004	0,323	0,000	0,008	0,001	FALSE
-0,020	0,298	-0,001	0,007	0,060	FALSE
-0,046	0,312	-0,002	0,010	0,064	FALSE
0,018	0,310	0,001	0,007	0,026	FALSE
0,019	0,308	0,000	0,011	0,015	FALSE
-0,021	0,318	-0,001	0,007	0,028	FALSE

-0,123	0,314	-0,004	0,009	0,177	FALSE
0,071	0,297	0,001	0,007	0,072	FALSE
-0,101	0,314	-0,002	0,008	0,125	FALSE
-0,034	0,305	-0,001	0,009	0,060	FALSE
0,084	0,309	0,003	0,008	0,160	FALSE
-0,189	0,303	-0,008	0,012	0,293	FALSE
0,043	0,302	0,002	0,009	0,064	FALSE
-0,122	0,302	-0,005	0,011	0,195	FALSE
0,059	0,307	0,001	0,008	0,060	FALSE
0,018	0,293	0,000	0,008	0,003	FALSE
0,083	0,304	0,002	0,008	0,083	FALSE
0,026	0,306	0,001	0,008	0,027	FALSE
0,018	0,321	0,000	0,008	0,013	FALSE
0,030	0,302	0,001	0,008	0,029	FALSE
0,066	0,310	0,001	0,007	0,063	FALSE
-0,016	0,319	0,000	0,011	0,011	FALSE
0,105	0,316	0,003	0,013	0,083	FALSE
0,158	0,302	0,005	0,008	0,251	FALSE
0,060	0,308	0,003	0,011	0,112	FALSE
0,028	0,297	0,000	0,012	0,007	FALSE
-0,032	0,308	-0,001	0,009	0,019	FALSE
-0,028	0,294	-0,001	0,009	0,030	FALSE
0,058	0,300	0,003	0,011	0,098	FALSE
-0,048	0,314	-0,001	0,007	0,043	FALSE
-0,003	0,316	0,000	0,009	0,004	FALSE
0,021	0,307	0,001	0,006	0,056	FALSE
-0,104	0,299	-0,003	0,008	0,121	FALSE
-0,046	0,307	-0,001	0,007	0,040	FALSE
0,059	0,314	0,001	0,008	0,070	FALSE
0,065	0,302	0,002	0,007	0,084	FALSE
0,005	0,308	-0,001	0,011	0,027	FALSE
0,010	0,306	0,000	0,010	0,016	FALSE
-0,071	0,300	-0,003	0,013	0,093	FALSE
0,024	0,307	0,001	0,010	0,029	FALSE
-0,016	0,296	-0,002	0,012	0,056	FALSE
-0,106	0,317	-0,003	0,011	0,117	FALSE
-0,011	0,308	0,000	0,012	0,005	FALSE
0,120	0,299	0,003	0,007	0,173	FALSE
-0,012	0,305	-0,001	0,012	0,022	FALSE
-0,027	0,304	-0,001	0,010	0,039	FALSE
-0,059	0,312	-0,003	0,011	0,083	FALSE
-0,030	0,302	-0,002	0,013	0,058	FALSE
0,055	0,305	0,001	0,009	0,045	FALSE
0,017	0,292	0,000	0,009	0,008	FALSE
-0,059	0,314	-0,003	0,013	0,076	FALSE
-0,017	0,314	0,000	0,011	0,015	FALSE
-0,011	0,286	0,000	0,010	0,006	FALSE
0,043	0,301	0,001	0,012	0,036	FALSE
-0,066	0,299	-0,001	0,008	0,053	FALSE
0,035	0,328	0,000	0,010	0,005	FALSE
-0,049	0,310	-0,002	0,012	0,067	FALSE
-0,026	0,310	-0,001	0,011	0,033	FALSE
-0,153	0,292	-0,005	0,010	0,247	FALSE

-0,010	0,302	0,000	0,010	0,008	FALSE
-0,043	0,299	-0,002	0,012	0,067	FALSE
0,126	0,292	0,003	0,008	0,168	FALSE
-0,100	0,310	-0,004	0,011	0,132	FALSE
0,094	0,311	0,004	0,013	0,128	FALSE
0,068	0,306	0,002	0,009	0,096	FALSE
0,086	0,297	0,003	0,009	0,129	FALSE
-0,048	0,308	-0,002	0,011	0,057	FALSE
-0,095	0,304	-0,002	0,007	0,096	FALSE
-0,002	0,315	0,000	0,012	0,010	FALSE
-0,070	0,302	-0,002	0,006	0,119	FALSE
-0,006	0,321	0,000	0,012	0,008	FALSE
-0,010	0,322	0,000	0,014	0,005	FALSE
0,042	0,295	0,002	0,012	0,069	FALSE
0,025	0,300	0,001	0,010	0,021	FALSE
-0,112	0,317	-0,005	0,014	0,144	FALSE
0,094	0,319	0,003	0,008	0,133	FALSE
-0,096	0,296	-0,004	0,013	0,139	FALSE
-0,049	0,306	-0,001	0,008	0,059	FALSE
0,004	0,301	0,000	0,006	0,009	FALSE
0,023	0,313	0,001	0,007	0,036	FALSE
0,019	0,315	0,001	0,012	0,019	FALSE
0,070	0,309	0,002	0,008	0,072	FALSE
-0,153	0,309	-0,006	0,013	0,198	FALSE
-0,043	0,311	-0,002	0,013	0,062	FALSE
-0,010	0,304	0,000	0,013	0,013	FALSE
0,031	0,303	0,000	0,007	0,006	FALSE
0,033	0,313	0,001	0,011	0,038	FALSE
0,074	0,303	0,002	0,010	0,072	FALSE
0,031	0,292	0,002	0,008	0,081	FALSE
-0,163	0,309	-0,003	0,006	0,207	FALSE
-0,035	0,291	0,000	0,008	0,006	FALSE
-0,003	0,324	0,000	0,007	0,015	FALSE
-0,101	0,291	-0,004	0,012	0,149	FALSE
0,039	0,307	0,002	0,007	0,084	FALSE
0,081	0,299	0,002	0,008	0,094	FALSE
-0,120	0,323	-0,003	0,007	0,143	FALSE
-0,013	0,305	-0,001	0,009	0,025	FALSE
0,158	0,308	0,004	0,008	0,222	FALSE
-0,021	0,313	-0,001	0,011	0,017	FALSE
-0,020	0,297	0,000	0,008	0,019	FALSE
-0,044	0,312	-0,002	0,009	0,087	FALSE
-0,047	0,312	-0,002	0,008	0,079	FALSE
-0,109	0,306	-0,003	0,007	0,170	FALSE
-0,037	0,286	-0,001	0,008	0,060	FALSE
-0,004	0,290	0,000	0,011	0,014	FALSE
-0,133	0,308	-0,003	0,007	0,188	FALSE
-0,054	0,305	-0,001	0,009	0,060	FALSE
0,122	0,306	0,003	0,009	0,160	FALSE
0,100	0,304	0,002	0,006	0,102	FALSE
0,116	0,302	0,002	0,006	0,132	FALSE
-0,068	0,291	-0,002	0,009	0,092	FALSE
-0,001	0,319	0,000	0,008	0,019	FALSE

-0,041	0,296	-0,001	0,008	0,054	FALSE
0,003	0,311	-0,001	0,012	0,029	FALSE
-0,096	0,318	-0,003	0,012	0,107	FALSE
-0,001	0,300	0,001	0,012	0,019	FALSE
-0,099	0,317	-0,004	0,012	0,120	FALSE
-0,070	0,307	-0,001	0,007	0,051	FALSE
-0,071	0,315	-0,003	0,011	0,087	FALSE
0,052	0,300	0,001	0,006	0,069	FALSE
0,097	0,309	0,002	0,007	0,139	FALSE
-0,034	0,315	-0,001	0,007	0,058	FALSE
0,038	0,304	0,001	0,008	0,035	FALSE
0,092	0,316	0,002	0,006	0,099	FALSE
0,082	0,307	0,002	0,007	0,080	FALSE
0,022	0,300	0,001	0,007	0,044	FALSE
0,050	0,303	0,001	0,009	0,047	FALSE
0,021	0,304	0,000	0,011	0,008	FALSE
0,017	0,306	0,000	0,006	0,007	FALSE
-0,037	0,300	-0,002	0,013	0,066	FALSE
-0,016	0,319	-0,001	0,009	0,039	FALSE
-0,038	0,307	-0,002	0,010	0,076	FALSE
-0,130	0,301	-0,004	0,008	0,178	FALSE
0,035	0,301	0,001	0,011	0,016	FALSE
-0,050	0,321	-0,002	0,011	0,066	FALSE
-0,012	0,310	0,000	0,011	0,012	FALSE
0,046	0,314	0,001	0,008	0,064	FALSE
0,042	0,313	0,002	0,011	0,079	FALSE
0,004	0,309	0,001	0,013	0,028	FALSE
0,064	0,305	0,002	0,009	0,065	FALSE
-0,015	0,323	0,000	0,010	0,003	FALSE
-0,069	0,310	-0,002	0,009	0,094	FALSE
0,039	0,297	0,001	0,007	0,070	FALSE
-0,002	0,307	-0,001	0,009	0,026	FALSE
-0,123	0,306	-0,003	0,007	0,164	FALSE
0,055	0,283	0,001	0,006	0,056	FALSE
-0,021	0,308	-0,001	0,009	0,030	FALSE
0,031	0,325	0,002	0,013	0,057	FALSE
0,014	0,301	0,001	0,011	0,032	FALSE
-0,032	0,316	-0,001	0,012	0,029	FALSE
-0,034	0,310	-0,001	0,012	0,031	FALSE
-0,076	0,309	-0,002	0,012	0,077	FALSE
-0,008	0,300	0,001	0,011	0,020	FALSE
-0,033	0,312	-0,001	0,007	0,031	FALSE
0,001	0,316	0,000	0,006	0,003	FALSE
-0,186	0,314	-0,004	0,007	0,262	FALSE
-0,186	0,308	-0,006	0,009	0,288	FALSE
-0,083	0,307	-0,002	0,007	0,107	FALSE
-0,119	0,320	-0,003	0,008	0,159	FALSE
-0,009	0,311	0,000	0,010	0,001	FALSE
-0,022	0,309	0,000	0,010	0,012	FALSE
0,018	0,316	0,000	0,010	0,008	FALSE
-0,010	0,321	0,000	0,010	0,003	FALSE
-0,004	0,313	0,000	0,009	0,004	FALSE
0,141	0,302	0,005	0,011	0,198	FALSE

-0,150	0,290	-0,005	0,011	0,207	FALSE
0,080	0,310	0,003	0,009	0,119	FALSE
-0,058	0,318	-0,002	0,009	0,068	FALSE
-0,046	0,319	-0,001	0,006	0,057	FALSE
0,160	0,303	0,003	0,007	0,170	FALSE
-0,039	0,304	-0,001	0,007	0,034	FALSE
-0,013	0,302	0,000	0,006	0,007	FALSE
0,009	0,319	0,000	0,008	0,013	FALSE
0,183	0,310	0,004	0,007	0,253	FALSE
0,087	0,311	0,003	0,008	0,162	FALSE
0,069	0,310	0,003	0,008	0,153	FALSE
0,121	0,292	0,005	0,011	0,204	FALSE
-0,023	0,304	-0,002	0,012	0,046	FALSE
0,013	0,318	0,001	0,010	0,042	FALSE
0,047	0,289	0,001	0,008	0,054	FALSE
-0,066	0,316	-0,002	0,010	0,088	FALSE
-0,103	0,306	-0,002	0,007	0,109	FALSE
0,067	0,308	0,002	0,008	0,070	FALSE
0,059	0,304	0,002	0,013	0,062	FALSE
0,007	0,308	0,001	0,011	0,019	FALSE
-0,062	0,310	-0,001	0,009	0,049	FALSE
0,002	0,323	0,001	0,009	0,022	FALSE
0,005	0,305	0,000	0,009	0,017	FALSE
-0,025	0,299	0,001	0,013	0,023	FALSE
0,016	0,301	0,002	0,011	0,053	FALSE
0,052	0,310	0,002	0,010	0,066	FALSE
-0,027	0,312	-0,001	0,009	0,040	FALSE
0,067	0,300	0,003	0,010	0,118	FALSE
-0,038	0,307	-0,001	0,012	0,033	FALSE
0,124	0,300	0,003	0,007	0,176	FALSE
0,048	0,316	0,001	0,007	0,046	FALSE
-0,032	0,302	0,000	0,012	0,013	FALSE
-0,119	0,306	-0,004	0,010	0,156	FALSE
0,119	0,306	0,004	0,012	0,127	FALSE
0,099	0,311	0,003	0,013	0,096	FALSE
-0,080	0,319	-0,003	0,010	0,103	FALSE
0,122	0,321	0,003	0,008	0,151	FALSE
-0,094	0,321	-0,002	0,008	0,117	FALSE
0,108	0,292	0,003	0,007	0,163	FALSE
0,005	0,309	0,000	0,012	0,013	FALSE
0,014	0,303	-0,001	0,009	0,022	FALSE
-0,137	0,302	-0,003	0,006	0,173	FALSE
-0,106	0,303	-0,003	0,009	0,141	FALSE
0,102	0,304	0,004	0,012	0,133	FALSE
-0,070	0,302	-0,002	0,010	0,083	FALSE
-0,161	0,308	-0,006	0,010	0,265	FALSE
-0,064	0,311	-0,001	0,008	0,066	FALSE
-0,136	0,295	-0,006	0,011	0,208	FALSE
-0,117	0,307	-0,002	0,007	0,149	FALSE
-0,079	0,311	-0,002	0,008	0,095	FALSE
0,190	0,294	0,007	0,010	0,341	FALSE
-0,058	0,309	-0,001	0,007	0,060	FALSE
-0,010	0,312	0,001	0,011	0,016	FALSE

-0,042	0,302	-0,001	0,010	0,036	FALSE
-0,078	0,305	-0,002	0,010	0,086	FALSE
0,006	0,303	0,000	0,010	0,010	FALSE
0,033	0,300	0,001	0,008	0,046	FALSE
0,023	0,314	0,000	0,013	0,013	FALSE
0,039	0,315	0,001	0,010	0,049	FALSE
-0,095	0,320	-0,003	0,010	0,113	FALSE
-0,012	0,315	-0,001	0,010	0,033	FALSE
0,007	0,309	0,000	0,013	0,008	FALSE
-0,005	0,306	0,000	0,012	0,009	FALSE
0,008	0,311	0,000	0,012	0,003	FALSE
-0,036	0,305	-0,002	0,012	0,073	FALSE
0,056	0,301	0,001	0,012	0,044	FALSE
0,022	0,296	0,001	0,007	0,057	FALSE
-0,039	0,319	-0,001	0,007	0,033	FALSE
-0,172	0,291	-0,007	0,011	0,292	FALSE
0,035	0,305	0,001	0,010	0,055	FALSE
-0,099	0,315	-0,002	0,007	0,127	FALSE
-0,070	0,314	-0,004	0,012	0,125	FALSE
-0,045	0,312	-0,002	0,007	0,083	FALSE
0,003	0,311	0,000	0,010	0,002	FALSE
0,016	0,305	0,001	0,007	0,043	FALSE
-0,042	0,326	-0,002	0,014	0,057	FALSE
-0,087	0,304	-0,003	0,011	0,113	FALSE
0,122	0,295	0,003	0,010	0,121	FALSE
0,020	0,314	0,001	0,007	0,039	FALSE
0,050	0,314	0,002	0,007	0,094	FALSE
0,137	0,302	0,003	0,010	0,131	FALSE
0,126	0,313	0,003	0,008	0,138	FALSE
0,090	0,314	0,003	0,013	0,084	FALSE
-0,023	0,302	0,000	0,006	0,019	FALSE
-0,097	0,305	-0,004	0,012	0,125	FALSE
-0,042	0,314	-0,001	0,011	0,047	FALSE
-0,066	0,309	-0,003	0,012	0,082	FALSE
0,015	0,305	0,001	0,007	0,050	FALSE
0,082	0,315	0,002	0,008	0,082	FALSE
0,092	0,307	0,003	0,009	0,111	FALSE
-0,020	0,307	0,000	0,012	0,008	FALSE
-0,063	0,305	-0,001	0,006	0,083	FALSE
-0,011	0,295	0,000	0,007	0,019	FALSE
0,010	0,304	0,001	0,010	0,051	FALSE
-0,011	0,314	-0,001	0,012	0,023	FALSE
-0,002	0,313	0,000	0,008	0,021	FALSE
0,030	0,313	0,001	0,013	0,038	FALSE
0,028	0,287	0,001	0,013	0,038	FALSE
0,110	0,293	0,003	0,008	0,146	FALSE
-0,013	0,306	0,000	0,009	0,019	FALSE
0,093	0,301	0,003	0,009	0,128	FALSE
0,107	0,312	0,003	0,010	0,136	FALSE
0,106	0,313	0,004	0,010	0,141	FALSE
-0,053	0,315	-0,003	0,013	0,094	FALSE
-0,060	0,308	-0,003	0,013	0,105	FALSE
0,094	0,320	0,003	0,008	0,136	FALSE

-0,048	0,307	-0,003	0,013	0,106	FALSE
-0,004	0,308	0,001	0,012	0,017	FALSE
-0,074	0,310	-0,004	0,013	0,115	FALSE
-0,065	0,310	-0,004	0,013	0,109	FALSE
0,061	0,310	0,002	0,010	0,081	FALSE
-0,010	0,305	0,000	0,007	0,011	FALSE
0,088	0,317	0,002	0,010	0,084	FALSE
-0,048	0,294	-0,002	0,012	0,070	FALSE
-0,053	0,311	-0,002	0,012	0,066	FALSE
0,173	0,303	0,008	0,013	0,258	FALSE
-0,061	0,300	-0,002	0,009	0,071	FALSE
-0,020	0,312	0,000	0,010	0,015	FALSE
0,143	0,305	0,004	0,007	0,207	FALSE
0,053	0,294	0,002	0,011	0,088	FALSE
-0,012	0,317	0,000	0,011	0,001	FALSE
-0,076	0,303	-0,002	0,007	0,124	FALSE
-0,105	0,314	-0,004	0,010	0,139	FALSE
-0,106	0,301	-0,002	0,007	0,102	FALSE
-0,070	0,308	-0,002	0,010	0,076	FALSE
-0,011	0,300	0,000	0,009	0,002	FALSE
0,020	0,317	0,000	0,008	0,018	FALSE
0,062	0,304	0,001	0,007	0,032	FALSE
-0,045	0,307	-0,001	0,010	0,040	FALSE
-0,119	0,291	-0,004	0,012	0,142	FALSE
0,048	0,303	0,001	0,007	0,033	FALSE
0,062	0,314	0,002	0,007	0,100	FALSE
0,009	0,309	0,000	0,008	0,012	FALSE
0,001	0,311	0,000	0,007	0,014	FALSE
0,064	0,327	0,001	0,008	0,066	FALSE
-0,082	0,328	-0,002	0,008	0,102	FALSE
-0,109	0,311	-0,004	0,013	0,120	FALSE
-0,070	0,297	-0,003	0,011	0,101	FALSE
0,041	0,303	0,002	0,012	0,050	FALSE
0,125	0,294	0,003	0,006	0,221	FALSE
0,025	0,306	0,002	0,011	0,069	FALSE
-0,024	0,311	0,000	0,012	0,008	FALSE
-0,028	0,301	-0,001	0,012	0,018	FALSE
0,027	0,308	0,001	0,011	0,035	FALSE
-0,002	0,297	0,000	0,008	0,023	FALSE
-0,007	0,315	0,000	0,009	0,014	FALSE
-0,028	0,309	-0,001	0,007	0,055	FALSE
0,073	0,310	0,002	0,008	0,082	FALSE
-0,011	0,315	-0,001	0,012	0,021	FALSE
-0,008	0,305	0,001	0,010	0,031	FALSE
-0,030	0,320	-0,001	0,009	0,025	FALSE
0,099	0,305	0,003	0,008	0,165	FALSE
0,129	0,291	0,004	0,007	0,195	FALSE
-0,183	0,316	-0,007	0,010	0,316	FALSE
-0,179	0,294	-0,007	0,013	0,246	FALSE
-0,112	0,307	-0,004	0,012	0,139	FALSE
0,031	0,314	0,002	0,012	0,052	FALSE
0,099	0,321	0,003	0,008	0,122	FALSE
-0,133	0,305	-0,005	0,011	0,199	FALSE

-0,020	0,314	-0,001	0,007	0,045	FALSE
0,067	0,317	0,002	0,012	0,063	FALSE
0,007	0,295	0,000	0,008	0,014	FALSE
-0,043	0,312	-0,002	0,012	0,047	FALSE
-0,004	0,314	0,000	0,009	0,005	FALSE
-0,026	0,286	-0,001	0,009	0,020	FALSE
-0,007	0,298	-0,001	0,013	0,015	FALSE
-0,010	0,296	0,000	0,010	0,003	FALSE
0,158	0,321	0,004	0,007	0,221	FALSE
-0,036	0,308	-0,001	0,007	0,074	FALSE
-0,030	0,292	-0,001	0,007	0,064	FALSE
0,008	0,326	0,000	0,007	0,005	FALSE
-0,063	0,297	-0,001	0,007	0,064	FALSE
-0,048	0,309	-0,001	0,007	0,045	FALSE
0,015	0,314	0,001	0,007	0,045	FALSE
0,098	0,312	0,003	0,013	0,082	FALSE
-0,001	0,321	0,000	0,007	0,010	FALSE
-0,069	0,305	-0,002	0,008	0,095	FALSE
0,014	0,293	0,000	0,007	0,015	FALSE
-0,119	0,311	-0,003	0,008	0,170	FALSE
0,009	0,305	0,000	0,010	0,008	FALSE
-0,076	0,301	-0,004	0,011	0,131	FALSE
0,098	0,301	0,002	0,007	0,110	FALSE
0,027	0,290	0,002	0,012	0,075	FALSE
0,009	0,311	0,001	0,013	0,022	FALSE
-0,113	0,311	-0,003	0,007	0,143	FALSE
0,029	0,301	0,000	0,011	0,007	FALSE
0,104	0,306	0,003	0,008	0,138	FALSE
0,064	0,307	0,003	0,009	0,120	FALSE
0,096	0,320	0,003	0,009	0,113	FALSE
-0,109	0,301	-0,004	0,012	0,148	FALSE
-0,125	0,297	-0,004	0,011	0,164	FALSE
-0,046	0,303	-0,001	0,009	0,029	FALSE
0,109	0,309	0,005	0,012	0,155	FALSE
0,017	0,310	0,000	0,010	0,001	FALSE
0,201	0,300	0,006	0,008	0,318	FALSE
0,050	0,310	0,001	0,009	0,050	FALSE
0,066	0,312	0,003	0,012	0,095	FALSE
0,066	0,302	0,003	0,011	0,084	FALSE
0,070	0,306	0,002	0,006	0,107	FALSE
-0,097	0,324	-0,004	0,010	0,155	FALSE
-0,052	0,306	-0,001	0,006	0,076	FALSE
-0,019	0,320	0,000	0,012	0,005	FALSE
0,037	0,305	0,002	0,008	0,077	FALSE
0,113	0,295	0,004	0,011	0,150	FALSE
-0,203	0,297	-0,009	0,012	0,335	FALSE
-0,170	0,306	-0,005	0,009	0,245	FALSE
0,100	0,308	0,003	0,010	0,099	FALSE
0,033	0,324	0,001	0,008	0,040	FALSE
-0,046	0,302	-0,002	0,013	0,060	FALSE
-0,030	0,316	0,000	0,011	0,010	FALSE
-0,031	0,310	-0,001	0,010	0,025	FALSE
0,084	0,297	0,003	0,010	0,111	FALSE

0,118	0,311	0,005	0,013	0,143	FALSE
0,049	0,313	0,002	0,009	0,079	FALSE
0,012	0,304	0,000	0,013	0,011	FALSE
-0,031	0,306	0,000	0,006	0,008	FALSE
-0,019	0,305	0,000	0,007	0,006	FALSE
-0,029	0,313	0,000	0,007	0,018	FALSE
0,063	0,296	0,002	0,012	0,045	FALSE
0,072	0,315	0,003	0,009	0,120	FALSE
-0,040	0,314	-0,003	0,010	0,102	FALSE
-0,007	0,311	-0,001	0,013	0,021	FALSE
0,021	0,313	0,000	0,007	0,019	FALSE
-0,051	0,296	-0,002	0,008	0,079	FALSE
-0,007	0,305	0,000	0,008	0,008	FALSE
0,039	0,322	0,001	0,011	0,029	FALSE
-0,026	0,319	-0,001	0,009	0,036	FALSE
0,126	0,312	0,004	0,008	0,183	FALSE
-0,009	0,297	0,000	0,010	0,003	FALSE
0,022	0,315	0,001	0,010	0,039	FALSE
0,019	0,300	0,001	0,010	0,037	FALSE
-0,028	0,290	-0,001	0,008	0,052	FALSE
-0,062	0,308	-0,004	0,013	0,108	FALSE
0,013	0,326	0,000	0,008	0,021	FALSE
-0,065	0,304	-0,002	0,008	0,087	FALSE
0,014	0,315	0,002	0,010	0,054	FALSE
0,001	0,307	0,000	0,009	0,007	FALSE
0,037	0,306	0,001	0,007	0,064	FALSE
-0,068	0,290	-0,003	0,010	0,108	FALSE
0,064	0,313	0,001	0,010	0,050	FALSE
0,094	0,294	0,002	0,007	0,136	FALSE
-0,073	0,311	-0,002	0,008	0,094	FALSE
-0,037	0,314	-0,001	0,013	0,039	FALSE
0,014	0,306	0,001	0,008	0,032	FALSE
-0,078	0,297	-0,002	0,009	0,091	FALSE
0,036	0,311	0,001	0,008	0,066	FALSE
0,138	0,302	0,005	0,010	0,208	FALSE
-0,136	0,306	-0,003	0,007	0,167	FALSE
-0,075	0,317	-0,003	0,013	0,099	FALSE
-0,045	0,305	-0,001	0,007	0,072	FALSE
0,129	0,304	0,006	0,012	0,209	FALSE
-0,118	0,313	-0,006	0,012	0,204	FALSE
-0,034	0,310	-0,001	0,008	0,043	FALSE
0,015	0,306	0,001	0,007	0,026	FALSE
-0,003	0,309	0,000	0,008	0,005	FALSE
-0,050	0,303	-0,001	0,010	0,025	FALSE
-0,068	0,323	-0,002	0,012	0,071	FALSE
0,129	0,295	0,004	0,009	0,195	FALSE
0,111	0,311	0,005	0,013	0,154	FALSE
-0,087	0,306	-0,003	0,011	0,119	FALSE
-0,074	0,304	-0,004	0,013	0,109	FALSE
-0,014	0,305	0,000	0,010	0,008	FALSE
0,205	0,294	0,008	0,011	0,313	FALSE
-0,030	0,307	-0,001	0,011	0,031	FALSE
-0,095	0,310	-0,004	0,013	0,108	FALSE

-0,022	0,317	-0,001	0,012	0,036	FALSE
0,063	0,295	0,001	0,006	0,089	FALSE
0,002	0,304	0,000	0,007	0,011	FALSE
0,109	0,315	0,005	0,013	0,156	FALSE
-0,086	0,308	-0,002	0,008	0,108	FALSE
-0,091	0,312	-0,004	0,011	0,150	FALSE
-0,136	0,302	-0,003	0,008	0,166	FALSE
-0,137	0,315	-0,003	0,008	0,184	FALSE
-0,131	0,328	-0,003	0,008	0,161	FALSE
-0,124	0,316	-0,003	0,007	0,184	FALSE
0,099	0,300	0,003	0,007	0,144	FALSE
-0,074	0,305	-0,003	0,013	0,100	FALSE
-0,109	0,312	-0,003	0,009	0,148	FALSE
-0,036	0,316	-0,001	0,007	0,038	FALSE
-0,033	0,289	0,000	0,013	0,011	FALSE
-0,106	0,302	-0,003	0,011	0,124	FALSE
0,059	0,308	0,002	0,013	0,057	FALSE
0,025	0,319	0,000	0,013	0,011	FALSE
-0,003	0,314	-0,001	0,013	0,016	FALSE
0,037	0,313	0,002	0,007	0,082	FALSE
0,010	0,312	0,001	0,009	0,026	FALSE
0,144	0,292	0,006	0,013	0,208	FALSE
0,161	0,304	0,007	0,013	0,213	FALSE
0,145	0,295	0,006	0,013	0,193	FALSE
-0,017	0,295	0,000	0,009	0,006	FALSE
0,198	0,289	0,006	0,008	0,308	FALSE
-0,120	0,308	-0,003	0,007	0,188	FALSE
0,003	0,313	0,001	0,010	0,021	FALSE
-0,027	0,308	-0,001	0,009	0,021	FALSE
0,033	0,321	0,001	0,012	0,023	FALSE
0,043	0,312	0,001	0,012	0,046	FALSE
-0,074	0,324	-0,002	0,007	0,089	FALSE
-0,013	0,306	0,000	0,008	0,019	FALSE
-0,032	0,305	-0,001	0,006	0,044	FALSE
0,025	0,309	0,001	0,011	0,026	FALSE
0,019	0,314	0,001	0,012	0,035	FALSE
0,102	0,304	0,005	0,012	0,153	FALSE
-0,141	0,303	-0,006	0,013	0,190	FALSE
0,000	0,305	0,000	0,008	0,014	FALSE
-0,004	0,296	0,000	0,008	0,008	FALSE
0,033	0,295	0,001	0,007	0,031	FALSE
0,189	0,294	0,004	0,007	0,241	FALSE
0,069	0,305	0,001	0,007	0,058	FALSE
-0,003	0,308	-0,001	0,009	0,041	FALSE
-0,153	0,299	-0,004	0,008	0,244	FALSE
0,068	0,315	0,002	0,010	0,066	FALSE
-0,063	0,303	-0,002	0,008	0,094	FALSE
-0,144	0,297	-0,005	0,009	0,234	FALSE
0,183	0,287	0,006	0,009	0,304	FALSE
0,031	0,298	0,001	0,008	0,025	FALSE
-0,126	0,282	-0,002	0,006	0,149	FALSE
0,091	0,310	0,003	0,010	0,121	FALSE
0,157	0,297	0,005	0,010	0,212	FALSE

-0,031	0,301	-0,002	0,011	0,056	FALSE
0,073	0,313	0,002	0,009	0,087	FALSE
-0,019	0,324	0,000	0,013	0,004	FALSE
-0,099	0,304	-0,003	0,010	0,126	FALSE
-0,213	0,297	-0,010	0,013	0,348	FALSE
-0,146	0,292	-0,007	0,011	0,278	FALSE
0,015	0,322	0,000	0,007	0,012	FALSE
0,115	0,319	0,004	0,010	0,162	FALSE
-0,140	0,313	-0,004	0,008	0,192	FALSE
-0,078	0,312	-0,003	0,009	0,114	FALSE
-0,098	0,298	-0,005	0,012	0,162	FALSE
-0,007	0,299	0,000	0,007	0,005	FALSE
-0,075	0,316	-0,002	0,008	0,092	FALSE
-0,066	0,304	-0,004	0,013	0,131	FALSE
0,066	0,301	0,001	0,010	0,041	FALSE
-0,029	0,298	-0,001	0,012	0,036	FALSE
-0,064	0,310	-0,003	0,010	0,095	FALSE
0,008	0,325	0,001	0,013	0,025	FALSE
-0,035	0,313	-0,001	0,012	0,033	FALSE
0,118	0,308	0,003	0,008	0,184	FALSE
-0,029	0,314	-0,001	0,012	0,036	FALSE
-0,036	0,320	-0,001	0,009	0,040	FALSE
0,050	0,306	0,001	0,008	0,073	FALSE
-0,083	0,313	-0,002	0,010	0,078	FALSE
0,035	0,301	0,001	0,009	0,057	FALSE
-0,096	0,300	-0,002	0,006	0,123	FALSE
-0,022	0,316	-0,001	0,008	0,036	FALSE
0,121	0,321	0,005	0,012	0,165	FALSE
0,111	0,307	0,004	0,012	0,145	FALSE
-0,109	0,313	-0,004	0,011	0,124	FALSE
0,031	0,291	0,001	0,008	0,065	FALSE
0,052	0,302	0,001	0,011	0,020	FALSE
0,041	0,308	0,001	0,013	0,023	FALSE
0,014	0,302	0,000	0,009	0,012	FALSE
-0,036	0,333	-0,001	0,009	0,048	FALSE
-0,011	0,295	0,000	0,008	0,001	FALSE
-0,038	0,309	-0,001	0,012	0,032	FALSE
-0,024	0,312	-0,001	0,011	0,023	FALSE
0,171	0,296	0,008	0,013	0,284	FALSE
0,040	0,303	0,001	0,008	0,027	FALSE
0,160	0,301	0,008	0,012	0,276	FALSE
0,185	0,297	0,009	0,013	0,312	FALSE
-0,009	0,295	-0,001	0,012	0,023	FALSE
0,094	0,301	0,002	0,007	0,112	FALSE
-0,159	0,310	-0,007	0,013	0,233	FALSE
-0,098	0,310	-0,002	0,007	0,132	FALSE
0,097	0,292	0,003	0,009	0,141	FALSE
0,016	0,303	0,001	0,011	0,028	FALSE
0,059	0,316	0,002	0,013	0,055	FALSE
-0,095	0,318	-0,002	0,008	0,087	FALSE
-0,023	0,316	-0,001	0,012	0,031	FALSE
0,013	0,313	0,001	0,011	0,025	FALSE
0,024	0,318	0,001	0,012	0,037	FALSE

-0,107	0,310	-0,004	0,012	0,149	FALSE
-0,067	0,306	-0,002	0,012	0,074	FALSE
-0,024	0,318	0,000	0,011	0,011	FALSE
0,073	0,324	0,002	0,008	0,075	FALSE
0,052	0,293	0,001	0,006	0,067	FALSE
-0,143	0,292	-0,004	0,009	0,186	FALSE
0,041	0,310	0,002	0,012	0,065	FALSE
-0,031	0,297	-0,001	0,010	0,026	FALSE
0,074	0,305	0,002	0,006	0,099	FALSE
-0,045	0,308	-0,001	0,008	0,067	FALSE
0,028	0,304	0,001	0,006	0,059	FALSE
0,014	0,309	0,001	0,007	0,059	FALSE
-0,067	0,317	-0,002	0,008	0,095	FALSE
-0,067	0,321	-0,003	0,013	0,099	FALSE
-0,078	0,301	-0,002	0,007	0,110	FALSE
-0,071	0,307	-0,003	0,010	0,103	FALSE
0,084	0,297	0,003	0,012	0,089	FALSE
0,034	0,310	0,001	0,010	0,055	FALSE
0,103	0,302	0,004	0,009	0,173	FALSE
-0,017	0,304	-0,001	0,006	0,035	FALSE
-0,077	0,292	-0,003	0,012	0,083	FALSE
0,032	0,310	0,001	0,010	0,041	FALSE
0,072	0,304	0,002	0,007	0,087	FALSE
0,070	0,301	0,001	0,009	0,055	FALSE
0,011	0,313	0,001	0,010	0,021	FALSE
0,012	0,304	0,000	0,012	0,003	FALSE
-0,044	0,310	-0,002	0,013	0,062	FALSE
0,012	0,312	0,001	0,011	0,019	FALSE
0,108	0,301	0,003	0,007	0,164	FALSE
0,118	0,303	0,004	0,008	0,183	FALSE
-0,026	0,309	-0,001	0,012	0,036	FALSE
0,132	0,306	0,003	0,008	0,176	FALSE
0,124	0,303	0,003	0,008	0,178	FALSE
-0,056	0,304	0,000	0,007	0,025	FALSE
-0,047	0,312	-0,002	0,012	0,059	FALSE
0,010	0,317	0,000	0,006	0,014	FALSE
0,026	0,304	0,001	0,012	0,040	FALSE
0,030	0,305	0,001	0,007	0,047	FALSE
-0,046	0,306	-0,001	0,007	0,053	FALSE
-0,008	0,317	0,000	0,012	0,000	FALSE
0,096	0,309	0,002	0,008	0,095	FALSE
0,021	0,321	0,000	0,006	0,022	FALSE
-0,072	0,318	-0,003	0,012	0,099	FALSE
-0,050	0,299	-0,003	0,012	0,096	FALSE
-0,170	0,302	-0,004	0,007	0,236	FALSE
-0,030	0,307	-0,001	0,007	0,044	FALSE
0,028	0,310	0,001	0,007	0,031	FALSE
0,169	0,295	0,004	0,006	0,250	FALSE
0,030	0,299	0,000	0,007	0,003	FALSE
-0,002	0,298	-0,001	0,009	0,023	FALSE
0,051	0,310	0,002	0,007	0,107	FALSE
-0,024	0,300	0,000	0,012	0,010	FALSE
0,102	0,299	0,003	0,013	0,093	FALSE

0,064	0,312	0,001	0,006	0,082	FALSE
0,042	0,301	0,001	0,006	0,048	FALSE
-0,059	0,300	-0,001	0,010	0,041	FALSE
0,136	0,299	0,005	0,012	0,151	FALSE
0,124	0,305	0,003	0,009	0,145	FALSE
0,098	0,303	0,003	0,007	0,161	FALSE
-0,032	0,308	-0,001	0,011	0,040	FALSE
-0,025	0,313	-0,001	0,013	0,022	FALSE
0,043	0,321	0,001	0,008	0,024	FALSE
0,031	0,293	0,001	0,009	0,059	FALSE
-0,093	0,304	-0,002	0,007	0,136	FALSE
-0,059	0,309	-0,002	0,013	0,067	FALSE
-0,014	0,316	-0,001	0,008	0,031	FALSE
0,062	0,307	0,002	0,007	0,093	FALSE
-0,104	0,292	-0,003	0,008	0,137	FALSE
0,052	0,309	0,002	0,013	0,070	FALSE
-0,034	0,302	-0,002	0,012	0,049	FALSE
0,004	0,306	0,000	0,012	0,010	FALSE
-0,003	0,309	-0,001	0,010	0,019	FALSE
-0,028	0,324	-0,001	0,008	0,027	FALSE
0,110	0,313	0,003	0,007	0,168	FALSE
0,012	0,316	0,000	0,011	0,006	FALSE
-0,008	0,311	0,000	0,007	0,023	FALSE
-0,016	0,309	-0,002	0,012	0,048	FALSE
0,016	0,308	0,000	0,006	0,015	FALSE
0,019	0,313	0,000	0,010	0,011	FALSE
0,028	0,317	0,001	0,013	0,034	FALSE
-0,135	0,300	-0,003	0,008	0,184	FALSE
-0,071	0,314	-0,002	0,008	0,096	FALSE
-0,065	0,309	-0,002	0,011	0,071	FALSE
0,002	0,314	-0,001	0,009	0,021	FALSE
0,143	0,309	0,005	0,010	0,222	FALSE
0,097	0,311	0,004	0,012	0,138	FALSE
-0,024	0,304	-0,001	0,007	0,027	FALSE
0,131	0,289	0,004	0,007	0,236	FALSE
-0,122	0,311	-0,006	0,014	0,172	FALSE
0,112	0,302	0,003	0,009	0,158	FALSE
0,043	0,316	0,001	0,007	0,030	FALSE
0,010	0,312	0,000	0,006	0,018	FALSE
0,160	0,290	0,006	0,010	0,245	FALSE
0,153	0,300	0,006	0,012	0,209	FALSE
0,003	0,314	0,001	0,010	0,023	FALSE
0,058	0,307	0,001	0,010	0,049	FALSE
0,070	0,313	0,002	0,010	0,084	FALSE
0,036	0,309	0,001	0,010	0,046	FALSE
-0,069	0,310	-0,003	0,012	0,086	FALSE
0,062	0,316	0,002	0,010	0,088	FALSE
0,000	0,306	0,000	0,012	0,010	FALSE
0,024	0,305	0,001	0,011	0,040	FALSE
0,022	0,310	0,001	0,012	0,018	FALSE
0,020	0,294	0,001	0,011	0,017	FALSE
0,016	0,301	0,000	0,012	0,002	FALSE
-0,080	0,294	-0,002	0,007	0,095	FALSE

-0,025	0,313	-0,001	0,013	0,030	FALSE
-0,075	0,300	-0,002	0,009	0,085	FALSE
-0,012	0,311	-0,002	0,013	0,048	FALSE
0,058	0,307	0,001	0,009	0,044	FALSE
-0,022	0,308	-0,001	0,010	0,043	FALSE
-0,011	0,305	-0,001	0,012	0,019	FALSE
0,098	0,307	0,004	0,012	0,121	FALSE
0,051	0,299	0,002	0,010	0,063	FALSE
0,056	0,294	0,002	0,008	0,069	FALSE
-0,040	0,307	-0,001	0,009	0,025	FALSE
0,006	0,323	0,000	0,008	0,020	FALSE
-0,015	0,304	0,000	0,008	0,005	FALSE
-0,010	0,309	-0,001	0,012	0,025	FALSE
-0,072	0,306	-0,003	0,009	0,117	FALSE
0,076	0,312	0,003	0,013	0,100	FALSE
0,092	0,305	0,004	0,013	0,133	FALSE
0,059	0,307	0,002	0,012	0,063	FALSE
0,067	0,308	0,003	0,013	0,077	FALSE
0,059	0,305	0,003	0,013	0,072	FALSE
0,013	0,305	0,001	0,012	0,021	FALSE
-0,059	0,314	-0,002	0,010	0,060	FALSE
-0,094	0,303	-0,004	0,010	0,161	FALSE
-0,013	0,309	0,000	0,009	0,009	FALSE
0,239	0,293	0,007	0,010	0,320	FALSE
-0,195	0,301	-0,004	0,007	0,264	FALSE
-0,099	0,298	-0,002	0,007	0,090	FALSE
0,007	0,319	0,001	0,012	0,026	FALSE
0,038	0,325	0,001	0,010	0,032	FALSE
0,025	0,307	0,001	0,012	0,018	FALSE
0,028	0,302	0,001	0,007	0,046	FALSE
-0,024	0,299	-0,002	0,011	0,051	FALSE
0,013	0,307	-0,001	0,013	0,018	FALSE
-0,001	0,305	0,001	0,011	0,023	FALSE
0,033	0,296	0,002	0,009	0,075	FALSE
-0,140	0,294	-0,006	0,012	0,213	FALSE
0,139	0,304	0,005	0,011	0,176	FALSE
-0,223	0,285	-0,010	0,013	0,346	FALSE
0,112	0,298	0,005	0,012	0,186	FALSE
0,151	0,287	0,005	0,011	0,177	FALSE
-0,012	0,303	0,000	0,008	0,003	FALSE
0,011	0,307	0,000	0,011	0,001	FALSE
0,017	0,307	0,001	0,007	0,031	FALSE
-0,099	0,313	-0,004	0,013	0,124	FALSE
-0,008	0,306	0,000	0,011	0,006	FALSE
0,019	0,323	0,001	0,007	0,036	FALSE
0,026	0,304	0,002	0,012	0,058	FALSE
-0,075	0,320	-0,002	0,008	0,091	FALSE
-0,007	0,310	0,000	0,008	0,015	FALSE
0,088	0,310	0,004	0,012	0,114	FALSE
0,069	0,309	0,002	0,011	0,065	FALSE
0,092	0,310	0,004	0,012	0,127	FALSE
0,029	0,307	0,001	0,008	0,051	FALSE
0,093	0,320	0,003	0,009	0,112	FALSE

0,020	0,306	0,001	0,007	0,029	FALSE
0,033	0,293	0,001	0,006	0,054	FALSE
-0,075	0,315	-0,002	0,010	0,082	FALSE
-0,001	0,307	-0,001	0,009	0,025	FALSE
-0,033	0,301	-0,001	0,007	0,025	FALSE
-0,001	0,299	0,000	0,009	0,011	FALSE
-0,042	0,299	-0,001	0,012	0,046	FALSE
0,025	0,291	0,001	0,012	0,022	FALSE
0,016	0,324	0,000	0,007	0,016	FALSE
-0,010	0,299	0,000	0,008	0,001	FALSE
-0,015	0,304	0,000	0,012	0,014	FALSE
0,164	0,305	0,004	0,007	0,232	FALSE
-0,169	0,303	-0,007	0,012	0,230	FALSE
-0,115	0,311	-0,004	0,011	0,125	FALSE
-0,250	0,290	-0,011	0,013	0,414	FALSE
-0,264	0,299	-0,012	0,013	0,447	FALSE
-0,003	0,309	0,000	0,009	0,009	FALSE
-0,075	0,312	-0,002	0,009	0,096	FALSE
-0,029	0,300	0,000	0,008	0,019	FALSE
-0,072	0,294	-0,003	0,012	0,098	FALSE
0,110	0,306	0,003	0,008	0,156	FALSE
-0,009	0,293	-0,001	0,008	0,026	FALSE
-0,125	0,310	-0,005	0,013	0,159	FALSE
0,094	0,314	0,004	0,013	0,110	FALSE
-0,070	0,306	-0,002	0,008	0,077	FALSE
0,126	0,304	0,005	0,011	0,180	FALSE
0,013	0,315	0,000	0,006	0,007	FALSE
0,029	0,305	0,001	0,007	0,045	FALSE
-0,083	0,308	-0,002	0,006	0,101	FALSE
-0,184	0,291	-0,006	0,009	0,297	FALSE
-0,105	0,319	-0,002	0,007	0,121	FALSE
-0,012	0,311	0,000	0,011	0,016	FALSE
0,013	0,295	0,000	0,007	0,025	FALSE
-0,054	0,307	-0,001	0,008	0,041	FALSE
-0,055	0,313	-0,001	0,008	0,048	FALSE
-0,072	0,320	-0,002	0,007	0,092	FALSE
-0,091	0,315	-0,002	0,009	0,093	FALSE
-0,174	0,301	-0,004	0,009	0,210	FALSE
0,136	0,298	0,004	0,013	0,127	FALSE
0,089	0,302	0,003	0,011	0,095	FALSE
-0,042	0,322	-0,001	0,007	0,064	FALSE
0,041	0,306	0,001	0,007	0,043	FALSE
-0,050	0,308	-0,001	0,011	0,048	FALSE
0,004	0,313	0,000	0,008	0,013	FALSE
-0,020	0,313	0,000	0,006	0,017	FALSE
-0,056	0,320	-0,003	0,014	0,076	FALSE
0,030	0,310	0,001	0,007	0,028	FALSE
-0,033	0,301	0,000	0,007	0,024	FALSE
-0,112	0,315	-0,005	0,013	0,138	FALSE
-0,038	0,290	-0,002	0,010	0,073	FALSE
0,111	0,318	0,005	0,013	0,155	FALSE
-0,110	0,316	-0,005	0,013	0,144	FALSE
-0,074	0,303	-0,003	0,012	0,102	FALSE

-0,088	0,289	-0,003	0,010	0,117	FALSE
-0,033	0,307	-0,002	0,012	0,050	FALSE
-0,083	0,310	-0,003	0,011	0,088	FALSE
-0,075	0,312	-0,003	0,010	0,096	FALSE
-0,092	0,292	-0,002	0,006	0,133	FALSE
-0,087	0,293	-0,003	0,008	0,124	FALSE
-0,015	0,311	-0,001	0,010	0,029	FALSE
0,061	0,304	0,001	0,010	0,039	FALSE
0,135	0,302	0,004	0,008	0,198	FALSE
0,116	0,313	0,003	0,008	0,167	FALSE
0,052	0,280	0,004	0,012	0,124	FALSE
0,035	0,289	0,000	0,009	0,004	FALSE
-0,025	0,291	-0,001	0,013	0,025	FALSE
-0,001	0,299	0,000	0,013	0,013	FALSE
0,035	0,321	0,002	0,013	0,047	FALSE
-0,068	0,308	-0,002	0,012	0,054	FALSE
0,184	0,294	0,007	0,011	0,266	FALSE
0,048	0,307	0,001	0,007	0,069	FALSE
-0,089	0,300	-0,003	0,011	0,120	FALSE
-0,135	0,288	-0,005	0,012	0,190	FALSE
-0,097	0,307	-0,003	0,009	0,118	FALSE
0,064	0,304	0,002	0,007	0,119	FALSE
-0,088	0,309	-0,003	0,008	0,118	FALSE
-0,105	0,310	-0,003	0,007	0,146	FALSE
-0,059	0,310	-0,002	0,010	0,060	FALSE
-0,053	0,314	-0,002	0,011	0,058	FALSE
-0,014	0,317	0,000	0,012	0,012	FALSE
0,144	0,299	0,005	0,010	0,217	FALSE
0,111	0,310	0,002	0,007	0,141	FALSE
-0,031	0,309	-0,002	0,013	0,057	FALSE
-0,055	0,314	-0,001	0,008	0,070	FALSE
-0,008	0,322	0,000	0,007	0,023	FALSE
0,083	0,305	0,002	0,007	0,102	FALSE
0,034	0,312	0,001	0,007	0,029	FALSE
0,064	0,303	0,002	0,008	0,073	FALSE
-0,055	0,309	-0,002	0,012	0,071	FALSE
0,093	0,318	0,002	0,007	0,126	FALSE
-0,096	0,313	-0,004	0,013	0,118	FALSE
-0,096	0,315	-0,003	0,009	0,132	FALSE
0,079	0,311	0,002	0,007	0,084	FALSE
-0,059	0,289	-0,001	0,010	0,039	FALSE
0,013	0,311	-0,001	0,012	0,025	FALSE
-0,121	0,309	-0,003	0,007	0,141	FALSE
0,000	0,310	0,000	0,011	0,004	FALSE
-0,073	0,302	-0,002	0,010	0,080	FALSE
0,073	0,304	0,003	0,011	0,092	FALSE
0,061	0,307	0,002	0,009	0,068	FALSE
-0,040	0,312	-0,001	0,007	0,032	FALSE
-0,011	0,300	-0,001	0,012	0,030	FALSE
0,051	0,311	0,002	0,009	0,074	FALSE
0,004	0,314	0,001	0,012	0,021	FALSE
-0,030	0,306	-0,001	0,013	0,041	FALSE
-0,061	0,311	-0,003	0,012	0,087	FALSE

0,041	0,305	0,002	0,013	0,053	FALSE
0,036	0,308	0,001	0,008	0,036	FALSE
-0,179	0,308	-0,005	0,008	0,286	FALSE
0,069	0,311	0,002	0,010	0,083	FALSE
-0,112	0,314	-0,004	0,011	0,143	FALSE
0,054	0,312	0,002	0,011	0,063	FALSE
-0,092	0,304	-0,004	0,011	0,122	FALSE
-0,129	0,305	-0,006	0,013	0,188	FALSE
0,077	0,297	0,002	0,008	0,077	FALSE
0,051	0,314	0,001	0,009	0,032	FALSE
0,012	0,294	0,000	0,007	0,004	FALSE
0,101	0,309	0,003	0,008	0,152	FALSE
-0,018	0,304	0,000	0,007	0,011	FALSE
0,117	0,306	0,005	0,012	0,148	FALSE
-0,080	0,327	-0,003	0,011	0,098	FALSE
0,018	0,308	0,001	0,009	0,033	FALSE
0,030	0,309	0,002	0,007	0,082	FALSE
-0,056	0,301	-0,002	0,010	0,088	FALSE
0,106	0,306	0,003	0,008	0,148	FALSE
-0,063	0,314	-0,001	0,007	0,078	FALSE
0,000	0,295	-0,001	0,012	0,035	FALSE
-0,018	0,323	0,000	0,011	0,007	FALSE
0,022	0,321	0,001	0,013	0,025	FALSE
0,067	0,296	0,003	0,010	0,107	FALSE
-0,054	0,308	-0,003	0,012	0,107	FALSE
0,098	0,316	0,002	0,010	0,096	FALSE
-0,016	0,314	0,000	0,006	0,022	FALSE
0,067	0,305	0,002	0,006	0,105	FALSE
-0,088	0,312	-0,002	0,007	0,114	FALSE
-0,133	0,302	-0,004	0,010	0,163	FALSE
-0,023	0,316	0,000	0,007	0,019	FALSE
0,087	0,317	0,003	0,008	0,127	FALSE
-0,135	0,304	-0,004	0,009	0,167	FALSE
-0,086	0,304	-0,004	0,010	0,139	FALSE
-0,006	0,311	0,000	0,008	0,003	FALSE
-0,077	0,305	-0,002	0,007	0,113	FALSE
0,062	0,304	0,002	0,012	0,074	FALSE
-0,058	0,314	-0,001	0,008	0,069	FALSE
0,092	0,307	0,002	0,007	0,108	FALSE
0,109	0,301	0,003	0,011	0,107	FALSE
0,101	0,304	0,002	0,007	0,133	FALSE
0,011	0,298	0,000	0,009	0,019	FALSE
0,051	0,306	0,002	0,012	0,052	FALSE
-0,128	0,298	-0,004	0,010	0,157	FALSE
-0,013	0,317	0,000	0,012	0,010	FALSE
-0,139	0,315	-0,004	0,011	0,170	FALSE
-0,013	0,310	-0,001	0,011	0,021	FALSE
-0,104	0,294	-0,003	0,008	0,143	FALSE
-0,053	0,292	-0,003	0,013	0,082	FALSE
0,103	0,312	0,003	0,009	0,107	FALSE
0,032	0,309	0,001	0,013	0,039	FALSE
0,202	0,303	0,005	0,008	0,261	FALSE
0,196	0,289	0,004	0,007	0,280	FALSE

-0,002	0,305	0,000	0,009	0,016	FALSE
0,055	0,307	0,002	0,009	0,078	FALSE
0,051	0,304	0,002	0,012	0,072	FALSE
0,122	0,292	0,004	0,010	0,159	FALSE
0,126	0,297	0,004	0,010	0,158	FALSE
0,092	0,302	0,003	0,011	0,111	FALSE
0,151	0,294	0,005	0,011	0,200	FALSE
0,135	0,292	0,004	0,010	0,172	FALSE
0,004	0,313	0,000	0,008	0,017	FALSE
0,108	0,299	0,004	0,010	0,148	FALSE
-0,024	0,307	-0,001	0,010	0,031	FALSE
0,025	0,311	0,000	0,006	0,023	FALSE
-0,121	0,295	-0,003	0,010	0,137	FALSE
-0,186	0,298	-0,006	0,011	0,234	FALSE
-0,021	0,331	-0,001	0,008	0,027	FALSE
-0,052	0,315	-0,002	0,010	0,068	FALSE
-0,134	0,290	-0,006	0,012	0,213	FALSE
-0,056	0,298	-0,001	0,007	0,077	FALSE
0,139	0,302	0,005	0,009	0,219	FALSE
0,021	0,302	0,001	0,011	0,032	FALSE
0,114	0,295	0,002	0,006	0,141	FALSE
-0,059	0,314	-0,001	0,007	0,068	FALSE
0,018	0,314	0,000	0,010	0,013	FALSE
-0,063	0,308	-0,003	0,013	0,105	FALSE
-0,011	0,328	-0,001	0,008	0,028	FALSE
-0,102	0,309	-0,002	0,007	0,134	FALSE
-0,122	0,298	-0,003	0,008	0,159	FALSE
-0,124	0,316	-0,004	0,011	0,140	FALSE
-0,150	0,311	-0,003	0,007	0,196	FALSE
-0,109	0,312	-0,004	0,013	0,133	FALSE
0,023	0,295	0,001	0,012	0,018	FALSE
0,018	0,296	0,000	0,013	0,009	FALSE
-0,058	0,312	-0,001	0,008	0,065	FALSE
-0,161	0,298	-0,007	0,012	0,255	FALSE
-0,128	0,301	-0,006	0,012	0,187	FALSE
0,137	0,312	0,004	0,008	0,206	FALSE
0,035	0,315	0,000	0,007	0,012	FALSE
0,046	0,305	0,002	0,013	0,065	FALSE
-0,030	0,319	-0,001	0,011	0,034	FALSE
-0,051	0,304	-0,002	0,011	0,065	FALSE
-0,115	0,315	-0,003	0,009	0,139	FALSE
0,089	0,303	0,002	0,007	0,103	FALSE
0,094	0,293	0,004	0,012	0,131	FALSE
0,101	0,297	0,004	0,012	0,148	FALSE
0,075	0,303	0,002	0,013	0,070	FALSE
-0,090	0,321	-0,003	0,010	0,132	FALSE
-0,119	0,314	-0,004	0,009	0,186	FALSE
-0,110	0,302	-0,004	0,009	0,165	FALSE
-0,046	0,297	-0,001	0,009	0,041	FALSE
0,009	0,327	0,000	0,008	0,010	FALSE
0,057	0,316	0,001	0,006	0,050	FALSE
0,041	0,314	0,001	0,010	0,038	FALSE
0,062	0,294	0,002	0,010	0,066	FALSE

-0,068	0,314	-0,002	0,009	0,098	FALSE
0,092	0,293	0,004	0,008	0,189	FALSE
0,071	0,326	0,002	0,010	0,072	FALSE
0,000	0,302	0,000	0,006	0,005	FALSE
-0,029	0,333	-0,002	0,011	0,060	FALSE
-0,036	0,299	-0,001	0,007	0,068	FALSE
0,046	0,312	0,002	0,012	0,050	FALSE
0,013	0,300	0,001	0,012	0,016	FALSE
-0,026	0,299	-0,002	0,012	0,050	FALSE
-0,057	0,320	-0,001	0,007	0,052	FALSE
-0,073	0,316	-0,002	0,009	0,088	FALSE
0,005	0,330	0,000	0,009	0,003	FALSE
-0,071	0,312	-0,002	0,007	0,088	FALSE
-0,095	0,317	-0,003	0,011	0,123	FALSE
0,061	0,309	0,002	0,011	0,075	FALSE
0,018	0,312	0,001	0,007	0,027	FALSE
-0,048	0,311	-0,002	0,009	0,072	FALSE
-0,088	0,317	-0,002	0,011	0,075	FALSE
0,016	0,297	0,000	0,007	0,007	FALSE
0,000	0,302	0,000	0,013	0,004	FALSE
-0,051	0,308	-0,002	0,011	0,081	FALSE
0,058	0,310	0,002	0,006	0,116	FALSE
0,119	0,300	0,004	0,009	0,176	FALSE
-0,063	0,299	-0,002	0,008	0,080	FALSE
0,093	0,315	0,004	0,011	0,136	FALSE
0,002	0,303	0,000	0,012	0,013	FALSE
0,013	0,321	0,000	0,012	0,015	FALSE
-0,148	0,294	-0,007	0,013	0,221	FALSE
-0,110	0,294	-0,005	0,012	0,167	FALSE
-0,066	0,297	-0,004	0,012	0,121	FALSE
-0,030	0,318	0,000	0,008	0,018	FALSE
0,131	0,308	0,003	0,010	0,129	FALSE
0,090	0,301	0,003	0,008	0,140	FALSE
0,080	0,309	0,002	0,008	0,100	FALSE
-0,045	0,309	-0,001	0,008	0,025	FALSE
0,134	0,292	0,004	0,007	0,241	FALSE
-0,040	0,303	-0,001	0,007	0,062	FALSE
0,123	0,294	0,004	0,008	0,213	FALSE
0,085	0,306	0,004	0,012	0,114	FALSE
0,020	0,307	0,000	0,008	0,018	FALSE
-0,030	0,320	0,000	0,008	0,000	FALSE
0,006	0,305	0,000	0,009	0,000	FALSE
-0,138	0,305	-0,006	0,011	0,217	FALSE
-0,070	0,308	-0,003	0,011	0,113	FALSE
-0,017	0,323	-0,001	0,013	0,032	FALSE
-0,081	0,319	-0,002	0,008	0,108	FALSE
-0,029	0,319	-0,001	0,013	0,018	FALSE
0,096	0,326	0,003	0,012	0,117	FALSE
-0,045	0,308	-0,001	0,007	0,062	FALSE
-0,023	0,314	0,000	0,009	0,012	FALSE
-0,035	0,320	-0,001	0,008	0,030	FALSE
0,095	0,304	0,002	0,010	0,095	FALSE
-0,159	0,317	-0,005	0,010	0,214	FALSE

0,007	0,315	-0,001	0,013	0,016	FALSE
-0,011	0,323	0,000	0,007	0,009	FALSE
-0,082	0,317	-0,002	0,008	0,116	FALSE
-0,004	0,306	-0,001	0,012	0,018	FALSE
-0,018	0,300	0,000	0,010	0,016	FALSE
-0,067	0,299	-0,001	0,007	0,073	FALSE
0,066	0,306	0,001	0,007	0,065	FALSE
-0,042	0,304	-0,001	0,009	0,038	FALSE
0,022	0,305	0,002	0,011	0,055	FALSE
-0,011	0,317	0,001	0,014	0,028	FALSE
-0,025	0,319	0,000	0,009	0,012	FALSE
-0,011	0,303	0,000	0,009	0,016	FALSE
0,076	0,303	0,003	0,011	0,106	FALSE
0,036	0,305	0,001	0,009	0,058	FALSE
-0,176	0,303	-0,005	0,009	0,236	FALSE
-0,104	0,316	-0,004	0,013	0,113	FALSE
-0,021	0,328	-0,001	0,013	0,037	FALSE
-0,030	0,311	-0,001	0,008	0,037	FALSE
-0,035	0,306	-0,002	0,012	0,049	FALSE
-0,019	0,325	0,000	0,009	0,008	FALSE
-0,092	0,298	-0,002	0,009	0,100	FALSE
0,036	0,306	0,002	0,008	0,103	FALSE
-0,171	0,285	-0,006	0,011	0,253	FALSE
0,070	0,315	0,002	0,009	0,108	FALSE
0,033	0,308	0,000	0,007	0,022	FALSE
0,051	0,314	0,001	0,007	0,059	FALSE
-0,129	0,301	-0,003	0,009	0,144	FALSE
-0,107	0,322	-0,005	0,013	0,142	FALSE
0,049	0,312	0,001	0,006	0,064	FALSE
0,055	0,300	0,002	0,010	0,066	FALSE
0,054	0,315	0,002	0,012	0,051	FALSE
0,075	0,304	0,002	0,011	0,073	FALSE
0,001	0,296	0,000	0,006	0,010	FALSE
0,100	0,312	0,003	0,011	0,110	FALSE
-0,040	0,295	-0,002	0,012	0,078	FALSE
-0,004	0,324	0,000	0,007	0,002	FALSE
-0,015	0,308	0,000	0,007	0,020	FALSE
-0,030	0,314	-0,001	0,007	0,030	FALSE
-0,048	0,317	-0,001	0,010	0,053	FALSE
-0,008	0,300	0,000	0,007	0,002	FALSE
0,022	0,319	0,001	0,010	0,032	FALSE
0,063	0,317	0,001	0,006	0,069	FALSE
0,008	0,305	0,001	0,012	0,032	FALSE
-0,021	0,296	-0,001	0,009	0,028	FALSE
0,088	0,309	0,002	0,008	0,097	FALSE
0,058	0,317	0,001	0,007	0,073	FALSE
-0,011	0,325	-0,001	0,009	0,024	FALSE
0,039	0,314	0,001	0,007	0,040	FALSE
0,005	0,303	0,001	0,007	0,029	FALSE
0,100	0,301	0,003	0,008	0,163	FALSE
0,113	0,304	0,004	0,012	0,137	FALSE
-0,016	0,310	0,000	0,007	0,014	FALSE
-0,004	0,304	0,000	0,013	0,002	FALSE

-0,003	0,317	0,000	0,007	0,003	FALSE
-0,101	0,307	-0,003	0,009	0,117	FALSE
0,029	0,317	0,000	0,007	0,018	FALSE
-0,121	0,302	-0,005	0,012	0,155	FALSE
-0,059	0,309	-0,002	0,009	0,067	FALSE
-0,046	0,322	-0,001	0,009	0,058	FALSE
0,105	0,304	0,005	0,012	0,181	FALSE
0,055	0,312	0,001	0,010	0,055	FALSE
0,030	0,300	0,001	0,011	0,036	FALSE
-0,073	0,292	-0,003	0,013	0,075	FALSE
0,026	0,303	0,001	0,009	0,035	FALSE
0,015	0,306	0,000	0,012	0,008	FALSE
0,010	0,316	0,000	0,010	0,011	FALSE
0,081	0,296	0,003	0,012	0,082	FALSE
0,195	0,301	0,008	0,013	0,279	FALSE
-0,079	0,315	-0,003	0,012	0,095	FALSE
0,038	0,310	0,002	0,012	0,050	FALSE
0,026	0,322	0,001	0,011	0,034	FALSE
0,042	0,300	0,001	0,011	0,028	FALSE
0,081	0,305	0,002	0,011	0,072	FALSE
-0,106	0,307	-0,004	0,011	0,131	FALSE
-0,063	0,303	-0,002	0,009	0,064	FALSE
-0,055	0,312	-0,001	0,009	0,054	FALSE
0,064	0,297	0,002	0,009	0,105	FALSE
0,060	0,313	0,002	0,013	0,062	FALSE
0,104	0,310	0,005	0,013	0,143	FALSE
-0,096	0,300	-0,003	0,009	0,115	FALSE
-0,099	0,307	-0,003	0,009	0,124	FALSE
0,061	0,302	0,002	0,007	0,082	FALSE
-0,033	0,310	-0,001	0,008	0,042	FALSE
-0,072	0,313	-0,002	0,009	0,096	FALSE
0,042	0,291	0,002	0,010	0,059	FALSE
-0,086	0,311	-0,002	0,007	0,097	FALSE
-0,037	0,310	-0,002	0,013	0,049	FALSE
-0,036	0,307	-0,001	0,008	0,025	FALSE
0,038	0,315	0,002	0,013	0,045	FALSE
-0,116	0,316	-0,003	0,008	0,146	FALSE
0,084	0,299	0,003	0,011	0,104	FALSE
-0,068	0,294	-0,003	0,010	0,102	FALSE
-0,096	0,296	-0,004	0,010	0,168	FALSE
0,012	0,309	0,000	0,007	0,003	FALSE
0,005	0,318	0,000	0,012	0,011	FALSE
0,038	0,300	0,001	0,009	0,051	FALSE
-0,053	0,316	-0,002	0,011	0,057	FALSE
0,098	0,313	0,002	0,008	0,075	FALSE
-0,025	0,311	0,000	0,011	0,007	FALSE
-0,007	0,312	-0,001	0,008	0,034	FALSE
-0,070	0,317	-0,002	0,010	0,059	FALSE
0,135	0,296	0,005	0,010	0,196	FALSE
0,007	0,303	0,001	0,006	0,030	FALSE
0,061	0,308	0,002	0,009	0,080	FALSE
-0,070	0,302	-0,002	0,012	0,078	FALSE
-0,009	0,325	0,000	0,007	0,006	FALSE

-0,024	0,321	-0,001	0,011	0,039	FALSE
0,091	0,312	0,003	0,010	0,116	FALSE
0,132	0,298	0,005	0,011	0,198	FALSE
-0,143	0,308	-0,006	0,012	0,201	FALSE
-0,084	0,298	-0,003	0,008	0,134	FALSE
-0,132	0,307	-0,005	0,012	0,161	FALSE
-0,082	0,301	-0,004	0,012	0,112	FALSE
-0,064	0,308	-0,001	0,009	0,048	FALSE
-0,131	0,307	-0,003	0,008	0,164	FALSE
0,002	0,316	0,001	0,013	0,034	FALSE
-0,022	0,318	-0,001	0,013	0,017	FALSE
-0,002	0,319	0,000	0,012	0,007	FALSE
0,000	0,310	0,000	0,007	0,005	FALSE
0,098	0,310	0,002	0,007	0,107	FALSE
0,096	0,314	0,002	0,008	0,089	FALSE
-0,025	0,306	-0,001	0,009	0,020	FALSE
-0,011	0,293	0,000	0,012	0,003	FALSE
0,022	0,312	0,002	0,013	0,059	FALSE
-0,124	0,313	-0,004	0,011	0,166	FALSE
-0,057	0,305	-0,002	0,010	0,064	FALSE
0,006	0,304	0,000	0,006	0,015	FALSE
0,106	0,306	0,003	0,010	0,119	FALSE
0,024	0,322	0,001	0,011	0,041	FALSE
0,038	0,313	0,002	0,011	0,051	FALSE
0,099	0,309	0,003	0,008	0,175	FALSE
0,080	0,314	0,002	0,007	0,120	FALSE
-0,063	0,304	-0,002	0,011	0,059	FALSE
-0,123	0,324	-0,004	0,012	0,143	FALSE
0,046	0,308	0,001	0,013	0,038	FALSE
0,059	0,313	0,002	0,013	0,053	FALSE
-0,063	0,304	-0,002	0,009	0,080	FALSE
0,023	0,322	0,001	0,013	0,032	FALSE
-0,027	0,307	0,000	0,007	0,007	FALSE
0,019	0,317	0,001	0,011	0,024	FALSE
-0,026	0,309	0,000	0,007	0,015	FALSE
-0,036	0,306	0,000	0,007	0,012	FALSE
-0,092	0,291	-0,003	0,010	0,140	FALSE
-0,113	0,311	-0,004	0,010	0,141	FALSE
-0,098	0,318	-0,003	0,010	0,126	FALSE
0,091	0,303	0,003	0,010	0,119	FALSE
-0,034	0,308	0,000	0,007	0,011	FALSE
-0,142	0,304	-0,005	0,011	0,198	FALSE
0,046	0,307	0,001	0,007	0,031	FALSE
0,072	0,308	0,002	0,008	0,078	FALSE
-0,032	0,305	-0,002	0,012	0,054	FALSE
0,002	0,303	0,001	0,007	0,026	FALSE
0,001	0,308	0,001	0,008	0,024	FALSE
0,159	0,300	0,006	0,012	0,196	FALSE
-0,037	0,317	-0,002	0,011	0,058	FALSE
-0,048	0,314	-0,001	0,009	0,054	FALSE
0,094	0,302	0,004	0,011	0,140	FALSE
0,011	0,304	0,000	0,007	0,013	FALSE
0,082	0,301	0,002	0,008	0,100	FALSE

-0,003	0,300	0,000	0,012	0,010	FALSE
0,008	0,317	0,000	0,010	0,008	FALSE
-0,015	0,311	0,000	0,011	0,001	FALSE
0,040	0,297	0,001	0,012	0,037	FALSE
-0,075	0,308	-0,002	0,008	0,097	FALSE
-0,075	0,317	-0,001	0,007	0,077	FALSE
0,000	0,292	0,000	0,007	0,003	FALSE
0,078	0,303	0,001	0,007	0,080	FALSE
0,125	0,304	0,003	0,007	0,154	FALSE
-0,006	0,313	0,000	0,007	0,008	FALSE
-0,060	0,312	-0,001	0,007	0,056	FALSE
-0,058	0,319	-0,001	0,009	0,061	FALSE
-0,014	0,318	0,000	0,009	0,016	FALSE
-0,026	0,297	0,000	0,006	0,023	FALSE
-0,006	0,310	0,000	0,007	0,004	FALSE
0,009	0,306	0,001	0,007	0,039	FALSE
-0,149	0,311	-0,003	0,006	0,206	FALSE
0,089	0,309	0,002	0,007	0,118	FALSE
-0,019	0,318	0,000	0,013	0,009	FALSE
-0,161	0,311	-0,004	0,008	0,206	FALSE
-0,140	0,310	-0,004	0,008	0,172	FALSE
0,027	0,309	0,001	0,012	0,024	FALSE
-0,044	0,315	-0,001	0,006	0,040	FALSE
-0,051	0,310	-0,001	0,007	0,062	FALSE
-0,115	0,309	-0,003	0,009	0,126	FALSE
0,042	0,301	0,002	0,009	0,087	FALSE
-0,008	0,309	0,000	0,012	0,007	FALSE
-0,095	0,294	-0,002	0,008	0,098	FALSE
0,135	0,291	0,004	0,008	0,209	FALSE
-0,030	0,315	-0,001	0,009	0,052	FALSE
-0,058	0,311	-0,002	0,008	0,078	FALSE
-0,057	0,309	-0,001	0,012	0,041	FALSE
-0,044	0,302	-0,001	0,009	0,063	FALSE
0,035	0,312	0,001	0,007	0,060	FALSE
-0,034	0,321	-0,001	0,012	0,036	FALSE
0,087	0,303	0,003	0,007	0,157	FALSE
-0,012	0,309	0,000	0,008	0,009	FALSE
0,020	0,321	0,001	0,013	0,028	FALSE
0,083	0,315	0,002	0,010	0,089	FALSE
0,017	0,302	0,000	0,013	0,008	FALSE
-0,022	0,314	-0,001	0,013	0,030	FALSE
-0,095	0,310	-0,003	0,013	0,105	FALSE
0,125	0,302	0,005	0,012	0,178	FALSE
-0,022	0,310	-0,001	0,010	0,040	FALSE
-0,166	0,291	-0,006	0,009	0,272	FALSE
0,080	0,322	0,003	0,011	0,093	FALSE
0,065	0,303	0,003	0,013	0,090	FALSE
-0,077	0,301	-0,002	0,009	0,070	FALSE
0,013	0,301	0,000	0,013	0,012	FALSE
0,094	0,318	0,002	0,008	0,105	FALSE
-0,021	0,316	0,000	0,009	0,007	FALSE
-0,101	0,308	-0,002	0,007	0,126	FALSE
0,006	0,293	0,000	0,007	0,009	FALSE

-0,031	0,303	0,000	0,010	0,009	FALSE
0,024	0,319	0,001	0,008	0,041	FALSE
-0,057	0,293	-0,002	0,009	0,085	FALSE
0,012	0,307	0,001	0,010	0,019	FALSE
-0,008	0,323	-0,001	0,007	0,033	FALSE
0,175	0,305	0,006	0,010	0,232	FALSE
-0,047	0,309	-0,001	0,008	0,063	FALSE
0,039	0,298	0,002	0,009	0,072	FALSE
0,030	0,326	0,001	0,008	0,042	FALSE
-0,057	0,310	-0,003	0,013	0,080	FALSE
0,042	0,314	0,001	0,008	0,063	FALSE
-0,038	0,305	-0,003	0,013	0,090	FALSE
0,010	0,312	0,000	0,007	0,024	FALSE
0,092	0,301	0,002	0,006	0,129	FALSE
-0,054	0,309	-0,001	0,006	0,086	FALSE
0,058	0,316	0,002	0,011	0,058	FALSE
-0,239	0,293	-0,006	0,008	0,347	FALSE
0,073	0,314	0,002	0,008	0,094	FALSE
0,074	0,301	0,002	0,012	0,079	FALSE
-0,064	0,313	-0,001	0,009	0,059	FALSE
-0,002	0,298	0,000	0,006	0,017	FALSE
0,098	0,318	0,004	0,013	0,109	FALSE
0,006	0,305	0,000	0,008	0,000	FALSE
0,011	0,324	0,000	0,010	0,012	FALSE
-0,099	0,294	-0,003	0,008	0,121	FALSE
-0,134	0,322	-0,003	0,007	0,165	FALSE
0,049	0,303	0,002	0,007	0,080	FALSE
-0,204	0,305	-0,009	0,012	0,316	FALSE
-0,037	0,306	-0,001	0,009	0,040	FALSE
-0,039	0,316	-0,001	0,008	0,025	FALSE
-0,062	0,310	-0,001	0,007	0,039	FALSE
-0,086	0,303	-0,004	0,013	0,138	FALSE
0,058	0,302	0,001	0,008	0,054	FALSE
0,012	0,308	0,001	0,007	0,028	FALSE
-0,162	0,312	-0,007	0,013	0,218	FALSE
-0,142	0,302	-0,005	0,010	0,224	FALSE
0,068	0,297	0,004	0,013	0,118	FALSE
-0,119	0,305	-0,004	0,010	0,171	FALSE
-0,055	0,315	-0,002	0,009	0,068	FALSE
0,012	0,304	0,000	0,012	0,003	FALSE
-0,035	0,323	-0,001	0,008	0,046	FALSE
0,181	0,310	0,006	0,009	0,287	FALSE
0,084	0,287	0,003	0,010	0,129	FALSE
-0,082	0,319	-0,002	0,008	0,110	FALSE
-0,015	0,304	-0,001	0,008	0,040	FALSE
0,070	0,290	0,002	0,008	0,083	FALSE
0,076	0,299	0,003	0,009	0,121	FALSE
-0,081	0,308	-0,002	0,010	0,091	FALSE
-0,061	0,305	-0,002	0,009	0,093	FALSE
-0,067	0,317	-0,002	0,008	0,097	FALSE
0,001	0,306	0,001	0,011	0,028	FALSE
-0,051	0,309	-0,001	0,012	0,038	FALSE
-0,025	0,311	0,000	0,011	0,009	FALSE

-0,053	0,304	-0,001	0,011	0,045	FALSE
-0,052	0,313	-0,002	0,012	0,052	FALSE
0,034	0,305	0,000	0,013	0,011	FALSE
-0,059	0,317	-0,002	0,013	0,071	FALSE
-0,032	0,317	-0,001	0,008	0,051	FALSE
-0,108	0,304	-0,004	0,010	0,139	FALSE
0,040	0,308	0,001	0,009	0,030	FALSE
0,017	0,305	0,000	0,008	0,009	FALSE
0,053	0,298	0,002	0,013	0,052	FALSE
-0,001	0,310	0,000	0,007	0,004	FALSE
-0,015	0,298	-0,002	0,011	0,075	FALSE
0,017	0,301	0,001	0,012	0,037	FALSE
0,010	0,302	0,000	0,009	0,015	FALSE
0,024	0,308	0,000	0,006	0,002	FALSE
0,003	0,299	0,001	0,010	0,023	FALSE
-0,100	0,299	-0,004	0,011	0,142	FALSE
0,030	0,304	0,000	0,007	0,003	FALSE
-0,016	0,312	0,000	0,009	0,001	FALSE
0,024	0,308	0,000	0,007	0,001	FALSE
0,082	0,304	0,003	0,010	0,139	FALSE
-0,112	0,317	-0,005	0,012	0,156	FALSE
0,063	0,309	0,003	0,012	0,098	FALSE
-0,065	0,314	-0,003	0,013	0,101	FALSE
0,039	0,309	0,001	0,009	0,032	FALSE
0,052	0,304	0,001	0,006	0,055	FALSE
0,006	0,317	0,000	0,012	0,006	FALSE
-0,030	0,308	-0,001	0,010	0,024	FALSE
0,023	0,317	0,001	0,009	0,037	FALSE
-0,055	0,303	-0,001	0,011	0,041	FALSE
-0,009	0,302	-0,001	0,011	0,030	FALSE
0,039	0,294	0,001	0,010	0,041	FALSE
0,044	0,302	0,001	0,007	0,054	FALSE
-0,067	0,303	-0,002	0,007	0,084	FALSE
-0,052	0,310	-0,002	0,009	0,066	FALSE
-0,003	0,297	0,001	0,008	0,026	FALSE
-0,064	0,311	-0,002	0,012	0,076	FALSE
-0,006	0,310	0,000	0,006	0,003	FALSE
0,047	0,301	0,001	0,009	0,044	FALSE
0,110	0,300	0,004	0,010	0,144	FALSE
0,097	0,311	0,004	0,013	0,109	FALSE
0,036	0,312	0,001	0,009	0,042	FALSE
0,070	0,302	0,002	0,009	0,061	FALSE
0,046	0,302	0,001	0,009	0,042	FALSE
0,120	0,306	0,003	0,007	0,184	FALSE
0,026	0,311	0,001	0,010	0,041	FALSE
-0,049	0,312	-0,001	0,013	0,020	FALSE
0,082	0,299	0,002	0,013	0,074	FALSE
-0,090	0,304	-0,002	0,010	0,092	FALSE
0,007	0,311	0,000	0,011	0,015	FALSE
-0,056	0,313	-0,002	0,012	0,058	FALSE
0,186	0,303	0,005	0,009	0,267	FALSE
0,019	0,296	0,000	0,007	0,014	FALSE
0,002	0,304	0,001	0,010	0,031	FALSE

0,024	0,309	0,001	0,010	0,052	FALSE
-0,008	0,308	-0,001	0,011	0,026	FALSE
0,025	0,317	0,000	0,008	0,005	FALSE
-0,073	0,299	-0,003	0,011	0,110	FALSE
-0,038	0,316	-0,001	0,012	0,045	FALSE
0,074	0,316	0,003	0,010	0,118	FALSE
0,035	0,296	0,001	0,007	0,033	FALSE
-0,157	0,324	-0,007	0,013	0,234	FALSE
0,091	0,325	0,002	0,008	0,105	FALSE
-0,103	0,313	-0,004	0,010	0,152	FALSE
0,007	0,320	0,000	0,006	0,005	FALSE
-0,045	0,298	-0,001	0,010	0,034	FALSE
0,041	0,316	0,001	0,009	0,040	FALSE
-0,154	0,304	-0,007	0,013	0,246	FALSE
-0,052	0,309	0,000	0,007	0,026	FALSE
0,134	0,304	0,005	0,012	0,162	FALSE
-0,081	0,319	-0,002	0,009	0,082	FALSE
-0,077	0,304	-0,003	0,012	0,087	FALSE
-0,075	0,301	-0,002	0,007	0,097	FALSE
-0,038	0,310	-0,001	0,008	0,063	FALSE
-0,082	0,301	-0,003	0,011	0,128	FALSE
0,022	0,315	0,001	0,010	0,023	FALSE
0,023	0,307	0,000	0,010	0,012	FALSE
-0,043	0,315	-0,002	0,011	0,079	FALSE
-0,047	0,324	-0,002	0,011	0,078	FALSE
-0,047	0,309	-0,002	0,011	0,067	FALSE
0,049	0,306	0,001	0,007	0,042	FALSE
0,011	0,304	0,000	0,009	0,017	FALSE
0,072	0,301	0,002	0,007	0,085	FALSE
0,095	0,300	0,002	0,007	0,144	FALSE
-0,041	0,308	-0,001	0,009	0,056	FALSE
-0,098	0,311	-0,004	0,011	0,124	FALSE
-0,076	0,304	-0,002	0,007	0,084	FALSE
-0,010	0,314	0,001	0,012	0,017	FALSE
0,018	0,303	0,001	0,012	0,023	FALSE
0,026	0,317	0,001	0,013	0,022	FALSE
0,126	0,316	0,005	0,011	0,214	FALSE
0,049	0,312	0,001	0,008	0,063	FALSE
-0,034	0,300	-0,002	0,009	0,081	FALSE
0,096	0,303	0,002	0,010	0,088	FALSE
0,028	0,307	0,001	0,007	0,035	FALSE
0,038	0,307	0,001	0,009	0,030	FALSE
-0,015	0,297	0,000	0,008	0,005	FALSE
-0,023	0,309	-0,001	0,009	0,037	FALSE
-0,104	0,308	-0,003	0,007	0,147	FALSE
0,116	0,300	0,004	0,009	0,163	FALSE
0,029	0,310	0,001	0,009	0,051	FALSE
0,065	0,302	0,002	0,007	0,081	FALSE
0,111	0,304	0,004	0,010	0,163	FALSE
0,001	0,312	0,000	0,009	0,019	FALSE
-0,121	0,300	-0,005	0,012	0,192	FALSE
0,100	0,299	0,003	0,010	0,131	FALSE
0,094	0,300	0,003	0,007	0,150	FALSE

0,052	0,310	0,002	0,010	0,078	FALSE
0,077	0,293	0,003	0,010	0,109	FALSE
-0,097	0,319	-0,003	0,013	0,098	FALSE
-0,030	0,309	-0,001	0,013	0,024	FALSE
-0,027	0,310	0,000	0,008	0,021	FALSE
0,067	0,310	0,003	0,013	0,102	FALSE
0,040	0,312	0,002	0,012	0,047	FALSE
0,024	0,303	0,001	0,006	0,063	FALSE
0,057	0,308	0,002	0,010	0,078	FALSE
0,111	0,313	0,002	0,007	0,110	FALSE
0,000	0,315	0,000	0,011	0,012	FALSE
-0,026	0,315	-0,001	0,011	0,037	FALSE
-0,083	0,319	-0,003	0,011	0,109	FALSE
-0,105	0,307	-0,005	0,013	0,150	FALSE
-0,092	0,305	-0,003	0,012	0,090	FALSE
-0,067	0,305	-0,002	0,008	0,067	FALSE
-0,087	0,315	-0,003	0,010	0,122	FALSE
-0,002	0,305	0,000	0,009	0,004	FALSE
-0,071	0,323	-0,002	0,008	0,104	FALSE
0,027	0,316	0,001	0,006	0,056	FALSE
-0,042	0,315	-0,002	0,010	0,061	FALSE
-0,028	0,311	-0,001	0,010	0,034	FALSE
-0,106	0,315	-0,002	0,007	0,106	FALSE
-0,061	0,304	-0,002	0,010	0,083	FALSE
-0,053	0,302	-0,002	0,010	0,084	FALSE
0,084	0,314	0,003	0,011	0,115	FALSE
0,098	0,292	0,004	0,012	0,131	FALSE
0,081	0,309	0,004	0,012	0,116	FALSE
-0,057	0,296	-0,002	0,010	0,080	FALSE
-0,085	0,300	-0,002	0,008	0,103	FALSE
-0,127	0,307	-0,002	0,007	0,120	FALSE
-0,034	0,307	-0,001	0,007	0,053	FALSE
-0,039	0,303	-0,001	0,008	0,051	FALSE
0,019	0,303	0,000	0,010	0,010	FALSE
-0,117	0,310	-0,003	0,007	0,144	FALSE
-0,055	0,317	-0,001	0,007	0,062	FALSE
0,060	0,322	0,002	0,012	0,062	FALSE
-0,045	0,317	-0,001	0,009	0,059	FALSE
0,004	0,323	0,000	0,007	0,002	FALSE
-0,033	0,308	-0,001	0,008	0,051	FALSE
-0,006	0,312	0,000	0,012	0,012	FALSE
0,177	0,300	0,006	0,009	0,290	FALSE
-0,156	0,309	-0,006	0,012	0,198	FALSE
-0,069	0,312	-0,001	0,008	0,062	FALSE
-0,042	0,305	-0,001	0,007	0,060	FALSE
-0,050	0,302	-0,002	0,010	0,055	FALSE
0,092	0,315	0,002	0,008	0,118	FALSE
0,007	0,288	0,001	0,009	0,027	FALSE
0,074	0,302	0,002	0,008	0,115	FALSE
-0,014	0,283	-0,001	0,009	0,038	FALSE
-0,105	0,305	-0,005	0,013	0,165	FALSE
-0,112	0,297	-0,005	0,012	0,177	FALSE
0,101	0,301	0,003	0,009	0,151	FALSE

-0,085	0,288	-0,004	0,012	0,134	FALSE
-0,023	0,323	0,000	0,009	0,019	FALSE
0,112	0,318	0,005	0,012	0,166	FALSE
0,115	0,302	0,003	0,007	0,188	FALSE
-0,137	0,309	-0,004	0,009	0,198	FALSE
0,164	0,306	0,005	0,011	0,200	FALSE
0,154	0,289	0,005	0,008	0,245	FALSE
-0,125	0,305	-0,004	0,008	0,190	FALSE
0,015	0,306	0,000	0,007	0,007	FALSE
-0,058	0,311	-0,001	0,009	0,058	FALSE
-0,090	0,328	-0,004	0,013	0,103	FALSE
-0,086	0,310	-0,002	0,009	0,091	FALSE
0,042	0,309	0,001	0,007	0,046	FALSE
-0,020	0,312	0,000	0,012	0,009	FALSE
-0,197	0,284	-0,006	0,009	0,290	FALSE
0,059	0,313	0,002	0,011	0,058	FALSE
-0,151	0,294	-0,003	0,007	0,190	FALSE
-0,128	0,310	-0,005	0,013	0,175	FALSE
-0,042	0,304	-0,001	0,008	0,032	FALSE
0,021	0,313	0,002	0,011	0,066	FALSE
0,042	0,289	0,002	0,009	0,062	FALSE
-0,114	0,294	-0,003	0,007	0,181	FALSE
0,127	0,300	0,006	0,011	0,209	FALSE
0,075	0,319	0,002	0,010	0,074	FALSE
-0,134	0,298	-0,004	0,008	0,204	FALSE
0,041	0,286	0,002	0,009	0,088	FALSE
0,017	0,310	0,000	0,007	0,009	FALSE
0,008	0,308	0,000	0,008	0,018	FALSE
-0,022	0,307	-0,001	0,009	0,029	FALSE
-0,010	0,310	0,000	0,007	0,016	FALSE
-0,002	0,299	0,000	0,011	0,014	FALSE
-0,055	0,296	-0,002	0,012	0,062	TRUE
0,035	0,315	0,001	0,012	0,018	FALSE
-0,026	0,312	-0,002	0,013	0,058	FALSE
0,113	0,312	0,003	0,007	0,188	FALSE
0,081	0,310	0,003	0,009	0,125	FALSE
0,058	0,294	0,002	0,011	0,067	FALSE
-0,032	0,310	0,000	0,009	0,012	FALSE
0,065	0,290	0,002	0,011	0,057	FALSE
-0,103	0,304	-0,003	0,008	0,186	FALSE
-0,008	0,290	-0,001	0,012	0,036	FALSE
0,049	0,302	0,002	0,013	0,070	FALSE
0,074	0,285	0,002	0,008	0,089	FALSE
-0,008	0,317	0,000	0,009	0,001	FALSE
-0,193	0,307	-0,008	0,012	0,266	FALSE
-0,113	0,300	-0,004	0,011	0,127	FALSE
-0,098	0,302	-0,003	0,008	0,135	FALSE
0,061	0,309	0,002	0,007	0,100	FALSE
0,011	0,310	0,000	0,007	0,007	FALSE
0,035	0,300	0,001	0,007	0,044	FALSE
-0,032	0,306	-0,001	0,007	0,042	FALSE
-0,014	0,298	0,000	0,011	0,006	FALSE
-0,152	0,313	-0,003	0,008	0,168	FALSE

0,107	0,295	0,006	0,013	0,205	FALSE
-0,005	0,322	-0,002	0,011	0,052	FALSE
0,077	0,312	0,003	0,011	0,099	FALSE
0,059	0,304	0,001	0,007	0,057	FALSE
0,053	0,306	0,001	0,010	0,052	FALSE
0,062	0,311	0,001	0,007	0,056	FALSE
0,052	0,314	0,002	0,010	0,059	FALSE
-0,057	0,307	-0,001	0,006	0,038	FALSE
-0,015	0,318	0,000	0,007	0,005	FALSE
-0,047	0,312	-0,001	0,009	0,034	FALSE
-0,148	0,307	-0,005	0,011	0,174	FALSE
-0,062	0,321	-0,001	0,007	0,069	FALSE
-0,023	0,311	-0,001	0,007	0,031	FALSE
-0,013	0,310	0,000	0,010	0,009	FALSE
-0,092	0,312	-0,002	0,008	0,098	FALSE
-0,055	0,324	-0,001	0,007	0,075	FALSE
-0,081	0,318	-0,002	0,006	0,117	FALSE
0,017	0,321	0,000	0,012	0,009	FALSE
0,121	0,305	0,003	0,008	0,171	FALSE
0,022	0,311	0,001	0,008	0,033	FALSE
-0,098	0,307	-0,002	0,007	0,147	FALSE
-0,016	0,313	-0,001	0,008	0,027	FALSE
-0,137	0,311	-0,004	0,009	0,171	FALSE
-0,113	0,307	-0,004	0,009	0,157	FALSE
-0,004	0,301	0,000	0,007	0,008	FALSE
0,124	0,311	0,004	0,009	0,161	FALSE
-0,136	0,299	-0,005	0,009	0,218	FALSE
0,022	0,310	0,000	0,007	0,022	FALSE
-0,010	0,321	0,000	0,007	0,009	FALSE
0,054	0,299	0,001	0,011	0,034	FALSE
0,056	0,316	0,002	0,013	0,059	FALSE
0,048	0,318	0,002	0,012	0,066	FALSE
-0,066	0,311	-0,003	0,011	0,090	FALSE
0,006	0,313	0,000	0,008	0,007	FALSE
-0,141	0,299	-0,003	0,007	0,175	FALSE
0,087	0,307	0,001	0,008	0,073	FALSE
0,060	0,319	0,001	0,006	0,064	FALSE
0,185	0,288	0,007	0,010	0,284	FALSE
0,096	0,299	0,004	0,013	0,122	FALSE
0,119	0,298	0,004	0,009	0,199	FALSE
-0,043	0,314	-0,002	0,011	0,057	FALSE
-0,006	0,307	-0,001	0,013	0,027	FALSE
-0,109	0,310	-0,003	0,009	0,124	FALSE
0,013	0,326	0,000	0,013	0,004	FALSE
0,058	0,302	0,001	0,009	0,057	FALSE
-0,055	0,307	-0,002	0,011	0,075	FALSE
-0,071	0,317	-0,001	0,007	0,077	FALSE
0,011	0,308	0,001	0,007	0,026	FALSE
0,054	0,293	0,003	0,009	0,115	FALSE
-0,023	0,308	-0,001	0,012	0,035	FALSE
-0,006	0,304	0,000	0,010	0,002	FALSE
-0,044	0,306	-0,001	0,012	0,025	FALSE
0,011	0,314	-0,001	0,013	0,015	FALSE

-0,028	0,308	0,000	0,007	0,010	FALSE
0,002	0,320	-0,001	0,013	0,027	FALSE
-0,104	0,296	-0,003	0,012	0,107	FALSE
0,058	0,306	0,001	0,007	0,078	FALSE
0,054	0,296	0,001	0,007	0,064	FALSE
0,059	0,300	0,001	0,007	0,074	FALSE
0,029	0,304	0,000	0,011	0,012	FALSE
0,046	0,310	0,002	0,009	0,074	FALSE
-0,064	0,308	-0,002	0,007	0,105	FALSE
0,003	0,307	0,000	0,007	0,015	FALSE
-0,183	0,308	-0,005	0,009	0,270	FALSE
0,071	0,300	0,002	0,006	0,093	FALSE
0,086	0,315	0,002	0,007	0,094	FALSE
-0,025	0,300	-0,001	0,007	0,027	FALSE
0,100	0,302	0,003	0,007	0,161	FALSE
0,088	0,310	0,002	0,007	0,131	FALSE
-0,053	0,300	-0,003	0,010	0,099	FALSE
-0,001	0,327	-0,001	0,009	0,026	FALSE
0,074	0,312	0,003	0,013	0,103	FALSE
-0,012	0,306	0,000	0,009	0,006	FALSE
-0,086	0,315	-0,002	0,007	0,120	FALSE
-0,096	0,303	-0,003	0,009	0,133	FALSE
0,010	0,312	0,001	0,009	0,034	FALSE
0,051	0,304	0,001	0,009	0,056	FALSE
0,080	0,310	0,002	0,007	0,114	FALSE
0,072	0,307	0,002	0,009	0,078	FALSE
0,003	0,296	0,000	0,008	0,000	FALSE
-0,002	0,301	0,000	0,008	0,021	FALSE
-0,082	0,298	-0,002	0,007	0,088	FALSE
0,075	0,304	0,003	0,009	0,122	FALSE
-0,022	0,316	0,000	0,011	0,013	FALSE
0,038	0,301	0,000	0,007	0,002	FALSE
0,000	0,298	0,000	0,008	0,007	FALSE
-0,130	0,312	-0,005	0,011	0,169	FALSE
-0,104	0,308	-0,004	0,011	0,131	FALSE
0,063	0,309	0,002	0,011	0,062	FALSE
-0,027	0,319	0,000	0,007	0,018	FALSE
-0,130	0,304	-0,005	0,012	0,179	FALSE
-0,027	0,309	-0,002	0,013	0,044	FALSE
0,097	0,291	0,004	0,009	0,163	FALSE
-0,106	0,300	-0,003	0,009	0,120	FALSE
-0,012	0,305	0,000	0,011	0,004	FALSE
0,027	0,307	0,001	0,010	0,040	FALSE
0,080	0,309	0,002	0,007	0,113	FALSE
0,015	0,299	0,000	0,012	0,001	FALSE
0,080	0,320	0,002	0,009	0,069	FALSE
-0,146	0,308	-0,005	0,010	0,234	FALSE
-0,003	0,312	0,000	0,009	0,001	FALSE
-0,037	0,318	-0,001	0,007	0,036	FALSE
0,007	0,300	0,000	0,010	0,003	FALSE
-0,019	0,316	-0,001	0,009	0,025	FALSE
-0,036	0,299	-0,001	0,012	0,031	FALSE
0,092	0,305	0,002	0,008	0,095	FALSE

0,071	0,311	0,002	0,013	0,068	FALSE
-0,051	0,312	-0,002	0,012	0,049	FALSE
-0,060	0,296	-0,003	0,010	0,094	FALSE
-0,067	0,302	-0,003	0,011	0,109	FALSE
-0,008	0,321	0,000	0,008	0,007	FALSE
0,082	0,310	0,002	0,007	0,094	FALSE
0,089	0,295	0,002	0,007	0,150	FALSE
-0,003	0,312	-0,001	0,010	0,019	FALSE
0,081	0,311	0,002	0,008	0,115	FALSE
0,046	0,308	0,001	0,012	0,044	FALSE
-0,136	0,308	-0,004	0,011	0,173	FALSE
0,072	0,312	0,002	0,007	0,088	FALSE
-0,074	0,324	-0,002	0,008	0,075	FALSE
-0,075	0,300	-0,002	0,008	0,088	FALSE
0,095	0,324	0,003	0,010	0,120	FALSE
-0,064	0,294	-0,001	0,006	0,067	FALSE
-0,012	0,308	0,000	0,009	0,000	FALSE
-0,153	0,307	-0,006	0,012	0,210	FALSE
-0,105	0,317	-0,004	0,012	0,113	FALSE
0,107	0,311	0,003	0,011	0,118	FALSE
0,008	0,303	0,000	0,006	0,011	FALSE
-0,039	0,312	-0,002	0,012	0,053	FALSE
-0,104	0,321	-0,003	0,008	0,158	FALSE
-0,128	0,299	-0,004	0,008	0,193	FALSE
-0,027	0,326	-0,001	0,010	0,048	FALSE
0,023	0,300	0,001	0,012	0,028	FALSE
0,073	0,302	0,002	0,013	0,069	FALSE
0,030	0,300	0,000	0,012	0,012	FALSE
0,022	0,300	0,001	0,011	0,040	FALSE
0,011	0,324	0,000	0,012	0,002	FALSE
-0,002	0,323	0,000	0,009	0,012	FALSE
0,025	0,302	0,001	0,010	0,050	FALSE
0,141	0,296	0,004	0,008	0,200	FALSE
0,023	0,299	0,001	0,011	0,026	FALSE
0,018	0,284	-0,001	0,012	0,034	FALSE
-0,059	0,305	-0,002	0,009	0,070	FALSE
-0,021	0,326	-0,001	0,010	0,021	FALSE
-0,039	0,315	-0,001	0,007	0,059	FALSE
-0,049	0,306	-0,002	0,009	0,075	FALSE
-0,070	0,308	-0,002	0,008	0,104	FALSE
-0,031	0,307	-0,001	0,008	0,053	FALSE
-0,145	0,309	-0,005	0,011	0,185	FALSE
-0,098	0,314	-0,002	0,009	0,110	FALSE
-0,162	0,304	-0,005	0,011	0,186	FALSE
-0,136	0,311	-0,006	0,012	0,191	FALSE
-0,132	0,303	-0,005	0,012	0,181	FALSE
0,028	0,299	0,001	0,011	0,023	FALSE
-0,031	0,303	-0,001	0,009	0,028	FALSE
-0,118	0,312	-0,003	0,006	0,174	FALSE
-0,043	0,310	-0,001	0,006	0,058	FALSE
-0,106	0,297	-0,004	0,012	0,150	FALSE
-0,115	0,309	-0,004	0,010	0,161	FALSE
-0,146	0,299	-0,005	0,009	0,225	FALSE

-0,084	0,310	-0,005	0,012	0,150	FALSE
0,019	0,303	0,001	0,010	0,029	FALSE
0,099	0,303	0,002	0,006	0,121	FALSE
-0,198	0,292	-0,005	0,007	0,320	FALSE
-0,049	0,301	-0,002	0,011	0,061	FALSE
-0,163	0,313	-0,005	0,009	0,215	FALSE
0,036	0,311	0,001	0,012	0,038	FALSE
0,047	0,322	0,002	0,012	0,052	FALSE
-0,056	0,305	-0,003	0,012	0,080	FALSE
0,006	0,299	0,000	0,012	0,002	FALSE
0,045	0,306	0,001	0,007	0,040	FALSE
0,054	0,333	0,001	0,007	0,038	FALSE
-0,039	0,308	-0,001	0,008	0,056	FALSE
0,025	0,309	0,001	0,010	0,030	FALSE
0,127	0,291	0,005	0,013	0,161	FALSE
0,056	0,319	0,002	0,010	0,069	FALSE
0,096	0,311	0,002	0,006	0,112	FALSE
-0,098	0,314	-0,005	0,013	0,151	FALSE
0,057	0,300	0,001	0,006	0,084	FALSE
0,029	0,311	0,001	0,007	0,055	FALSE
-0,087	0,302	-0,003	0,010	0,131	FALSE
-0,145	0,289	-0,004	0,008	0,190	FALSE
-0,081	0,316	-0,002	0,007	0,120	FALSE
-0,156	0,296	-0,007	0,012	0,231	FALSE
-0,056	0,320	-0,001	0,011	0,048	FALSE
-0,034	0,289	-0,002	0,010	0,062	FALSE
-0,176	0,317	-0,005	0,009	0,230	FALSE
-0,032	0,296	0,000	0,009	0,018	FALSE
0,000	0,304	0,000	0,008	0,018	FALSE
0,095	0,301	0,002	0,007	0,123	FALSE
0,079	0,294	0,003	0,008	0,129	FALSE
0,006	0,286	0,000	0,012	0,010	FALSE
0,030	0,307	0,001	0,007	0,027	FALSE
0,024	0,316	0,000	0,007	0,010	FALSE
-0,081	0,283	-0,002	0,007	0,085	FALSE
0,130	0,310	0,003	0,007	0,154	FALSE
-0,090	0,309	-0,002	0,007	0,109	FALSE
0,008	0,312	0,001	0,013	0,032	FALSE
0,002	0,319	0,000	0,009	0,001	FALSE
-0,043	0,315	-0,001	0,007	0,048	FALSE
0,029	0,301	0,001	0,011	0,029	FALSE
0,015	0,316	0,000	0,011	0,002	FALSE
-0,004	0,316	-0,001	0,010	0,038	FALSE
-0,060	0,315	-0,002	0,013	0,068	FALSE
0,000	0,305	0,000	0,012	0,005	FALSE
0,072	0,303	0,003	0,011	0,100	FALSE
-0,120	0,308	-0,004	0,008	0,182	FALSE
-0,045	0,314	-0,001	0,009	0,061	FALSE
0,168	0,295	0,005	0,009	0,261	FALSE
-0,116	0,314	-0,004	0,011	0,137	FALSE
-0,050	0,307	-0,003	0,013	0,103	FALSE
0,042	0,280	0,002	0,009	0,091	FALSE
0,077	0,301	0,003	0,011	0,095	FALSE

-0,066	0,310	-0,002	0,010	0,064	FALSE
0,080	0,291	0,004	0,013	0,119	FALSE
-0,087	0,314	-0,002	0,007	0,109	FALSE
-0,025	0,305	-0,001	0,011	0,029	FALSE
0,014	0,322	0,000	0,007	0,016	FALSE
-0,058	0,300	-0,001	0,007	0,067	FALSE
0,166	0,309	0,006	0,012	0,225	FALSE
0,083	0,310	0,001	0,007	0,074	FALSE
-0,025	0,305	0,000	0,010	0,005	FALSE
-0,007	0,306	0,000	0,012	0,002	FALSE
-0,019	0,303	0,000	0,013	0,007	FALSE
0,030	0,298	0,001	0,007	0,052	FALSE
-0,010	0,309	0,000	0,012	0,013	FALSE
-0,056	0,297	-0,001	0,007	0,031	FALSE
-0,051	0,304	-0,002	0,007	0,084	FALSE
-0,098	0,303	-0,003	0,012	0,105	FALSE
-0,068	0,315	-0,001	0,008	0,072	FALSE
-0,036	0,315	-0,001	0,009	0,054	FALSE
0,023	0,309	0,001	0,010	0,040	FALSE
0,005	0,314	0,000	0,011	0,016	FALSE
-0,084	0,310	-0,002	0,006	0,103	FALSE
-0,048	0,302	-0,001	0,009	0,060	FALSE
0,064	0,309	0,003	0,011	0,117	FALSE
-0,106	0,304	-0,002	0,006	0,131	FALSE
0,117	0,320	0,003	0,008	0,153	FALSE
-0,035	0,312	-0,001	0,007	0,056	FALSE
0,013	0,304	0,000	0,008	0,015	FALSE
-0,008	0,315	0,000	0,009	0,015	FALSE
0,020	0,314	0,000	0,008	0,019	FALSE
-0,082	0,315	-0,003	0,010	0,109	FALSE
-0,089	0,311	-0,003	0,010	0,119	FALSE
-0,109	0,304	-0,004	0,010	0,146	FALSE
-0,091	0,303	-0,002	0,008	0,109	FALSE
0,006	0,312	0,000	0,011	0,014	FALSE
0,158	0,292	0,004	0,008	0,213	FALSE
0,024	0,313	0,001	0,008	0,044	FALSE
-0,219	0,301	-0,008	0,011	0,316	FALSE
-0,026	0,294	-0,001	0,011	0,037	FALSE
-0,028	0,296	-0,001	0,011	0,044	FALSE
-0,012	0,311	-0,001	0,011	0,034	FALSE
0,016	0,301	0,001	0,008	0,033	FALSE
0,013	0,312	0,001	0,011	0,034	FALSE
-0,047	0,307	-0,002	0,009	0,099	FALSE
0,019	0,301	0,001	0,008	0,039	FALSE
-0,082	0,299	-0,003	0,010	0,105	FALSE
-0,158	0,302	-0,005	0,010	0,227	FALSE
0,123	0,316	0,004	0,010	0,167	FALSE
0,042	0,303	0,002	0,011	0,060	FALSE
-0,085	0,304	-0,002	0,007	0,111	FALSE
0,029	0,307	0,001	0,012	0,040	FALSE
0,079	0,298	0,002	0,011	0,076	FALSE
0,041	0,291	0,001	0,006	0,079	FALSE
0,035	0,305	0,001	0,010	0,022	FALSE

0,036	0,301	0,001	0,010	0,035	FALSE
0,054	0,304	0,002	0,009	0,074	FALSE
-0,046	0,313	-0,002	0,008	0,071	FALSE
0,097	0,315	0,003	0,010	0,116	FALSE
-0,019	0,303	0,000	0,008	0,018	FALSE
0,026	0,310	0,002	0,012	0,061	FALSE
-0,091	0,299	-0,003	0,010	0,098	FALSE
0,004	0,307	0,000	0,007	0,025	FALSE
0,106	0,300	0,003	0,009	0,146	FALSE
0,038	0,306	0,000	0,007	0,025	FALSE
0,027	0,300	0,001	0,009	0,062	FALSE
0,024	0,312	0,000	0,012	0,000	FALSE
0,049	0,305	0,001	0,012	0,031	FALSE
0,104	0,318	0,004	0,012	0,120	FALSE
0,058	0,324	0,001	0,010	0,053	FALSE
0,008	0,302	0,000	0,012	0,002	FALSE
0,202	0,291	0,007	0,011	0,294	FALSE
-0,150	0,301	-0,006	0,013	0,184	FALSE
0,013	0,309	0,001	0,008	0,021	FALSE
0,072	0,285	0,005	0,012	0,157	FALSE
-0,123	0,306	-0,005	0,011	0,189	FALSE
0,069	0,304	0,002	0,008	0,093	FALSE
-0,066	0,305	-0,002	0,011	0,082	FALSE
0,117	0,318	0,002	0,007	0,147	FALSE
0,100	0,316	0,004	0,011	0,125	FALSE
-0,030	0,311	-0,001	0,008	0,023	FALSE
0,144	0,295	0,004	0,006	0,254	FALSE
0,006	0,306	0,000	0,008	0,015	FALSE
0,012	0,310	0,001	0,007	0,037	FALSE
0,043	0,297	0,001	0,009	0,061	FALSE
-0,043	0,303	-0,001	0,009	0,046	FALSE
0,122	0,316	0,003	0,007	0,142	FALSE
-0,029	0,311	-0,001	0,009	0,040	FALSE
0,073	0,311	0,002	0,011	0,087	FALSE
-0,155	0,306	-0,007	0,013	0,214	FALSE
0,113	0,300	0,003	0,007	0,157	FALSE
-0,059	0,307	-0,002	0,011	0,069	FALSE
0,083	0,308	0,003	0,009	0,113	FALSE
0,067	0,319	0,003	0,011	0,103	FALSE
0,026	0,320	0,001	0,007	0,026	FALSE
0,061	0,327	0,001	0,007	0,070	FALSE
-0,092	0,314	-0,002	0,007	0,105	FALSE
-0,084	0,311	-0,002	0,008	0,089	FALSE
0,056	0,307	0,001	0,006	0,042	FALSE
0,011	0,312	0,000	0,010	0,014	FALSE
0,025	0,308	0,001	0,010	0,026	FALSE
0,034	0,306	0,001	0,010	0,052	FALSE
-0,110	0,305	-0,004	0,012	0,121	FALSE
-0,040	0,315	-0,002	0,011	0,073	FALSE
0,014	0,312	0,000	0,007	0,008	FALSE
-0,134	0,313	-0,004	0,008	0,180	FALSE
-0,092	0,300	-0,002	0,009	0,076	FALSE
-0,138	0,303	-0,007	0,013	0,217	FALSE

-0,165	0,289	-0,008	0,012	0,286	FALSE
-0,107	0,318	-0,004	0,011	0,148	FALSE
-0,029	0,304	-0,001	0,012	0,034	FALSE
-0,050	0,325	-0,002	0,013	0,050	FALSE
0,094	0,311	0,003	0,012	0,105	FALSE
0,150	0,296	0,004	0,011	0,160	FALSE
0,150	0,302	0,004	0,011	0,149	FALSE
0,018	0,305	0,000	0,012	0,002	FALSE
0,057	0,317	0,001	0,007	0,061	FALSE
-0,035	0,303	0,000	0,008	0,013	FALSE
0,070	0,299	0,003	0,013	0,106	FALSE
0,095	0,310	0,004	0,013	0,141	FALSE
-0,024	0,309	-0,002	0,013	0,054	FALSE
0,005	0,305	0,000	0,007	0,016	FALSE
0,074	0,314	0,002	0,012	0,074	FALSE
0,056	0,304	0,001	0,010	0,051	FALSE
0,103	0,311	0,003	0,010	0,125	FALSE
-0,068	0,307	-0,003	0,011	0,101	FALSE
-0,033	0,287	-0,001	0,008	0,059	FALSE
-0,020	0,316	0,000	0,007	0,016	FALSE
0,010	0,297	-0,001	0,008	0,023	FALSE
0,008	0,311	0,001	0,010	0,024	FALSE
0,199	0,307	0,004	0,006	0,292	FALSE
0,091	0,320	0,004	0,012	0,146	FALSE
-0,024	0,311	0,000	0,006	0,016	FALSE
-0,017	0,311	-0,001	0,013	0,022	FALSE
-0,086	0,314	-0,002	0,007	0,110	FALSE
-0,020	0,315	-0,001	0,012	0,035	FALSE
0,099	0,309	0,002	0,008	0,127	FALSE
-0,010	0,313	0,000	0,008	0,002	FALSE
-0,057	0,307	-0,001	0,007	0,063	FALSE
0,037	0,309	0,001	0,012	0,029	FALSE
-0,016	0,296	0,001	0,011	0,016	FALSE
-0,110	0,319	-0,004	0,010	0,136	FALSE
-0,058	0,327	-0,001	0,010	0,042	FALSE
-0,042	0,302	-0,001	0,011	0,025	FALSE
-0,055	0,308	-0,002	0,011	0,056	FALSE
-0,054	0,303	-0,002	0,008	0,069	FALSE
0,034	0,304	0,001	0,007	0,065	FALSE
0,016	0,299	0,000	0,012	0,014	FALSE
-0,063	0,300	-0,001	0,013	0,039	FALSE
-0,057	0,295	-0,002	0,013	0,043	FALSE
0,105	0,316	0,002	0,008	0,112	FALSE
0,022	0,312	0,001	0,008	0,024	FALSE
-0,091	0,309	-0,004	0,013	0,106	FALSE
0,052	0,330	0,001	0,008	0,050	FALSE
-0,037	0,296	-0,001	0,011	0,032	FALSE
-0,018	0,300	0,000	0,011	0,013	FALSE
0,005	0,314	0,001	0,007	0,035	FALSE
-0,019	0,317	0,000	0,008	0,001	FALSE
-0,015	0,307	0,000	0,008	0,003	FALSE
-0,049	0,309	-0,001	0,007	0,061	FALSE
0,123	0,309	0,002	0,007	0,128	FALSE

0,099	0,302	0,004	0,011	0,158	FALSE
-0,046	0,303	-0,002	0,009	0,088	FALSE
0,081	0,301	0,002	0,007	0,104	FALSE
0,061	0,317	0,002	0,007	0,095	FALSE
0,106	0,307	0,004	0,010	0,155	FALSE
0,104	0,300	0,004	0,010	0,145	FALSE
0,123	0,308	0,005	0,011	0,182	FALSE
0,123	0,291	0,003	0,008	0,171	FALSE
-0,059	0,305	-0,002	0,011	0,080	FALSE
-0,008	0,315	-0,001	0,009	0,021	FALSE
-0,011	0,308	-0,001	0,011	0,026	FALSE
0,082	0,305	0,002	0,011	0,083	FALSE
0,058	0,310	0,002	0,008	0,074	FALSE
0,004	0,315	0,000	0,007	0,016	FALSE
0,068	0,316	0,002	0,012	0,076	FALSE
0,015	0,316	0,000	0,012	0,008	FALSE
-0,077	0,308	-0,002	0,008	0,070	FALSE
-0,024	0,310	0,000	0,007	0,015	FALSE
-0,088	0,292	-0,002	0,008	0,123	FALSE
0,054	0,312	0,002	0,012	0,066	FALSE
-0,033	0,308	-0,002	0,010	0,063	FALSE
0,113	0,311	0,003	0,008	0,158	FALSE
0,110	0,316	0,003	0,007	0,158	FALSE
0,016	0,319	0,000	0,007	0,004	FALSE
0,060	0,291	0,002	0,010	0,056	FALSE
0,050	0,311	0,002	0,008	0,079	FALSE
-0,018	0,315	0,000	0,009	0,005	FALSE
-0,015	0,297	0,001	0,008	0,031	FALSE
-0,027	0,313	-0,001	0,007	0,031	FALSE
0,126	0,305	0,003	0,007	0,181	FALSE
0,052	0,309	0,001	0,011	0,041	FALSE
-0,008	0,320	0,000	0,010	0,010	FALSE
-0,031	0,304	-0,001	0,010	0,043	FALSE
-0,135	0,300	-0,003	0,007	0,176	FALSE
0,043	0,307	0,002	0,012	0,057	FALSE
-0,056	0,300	-0,003	0,013	0,072	FALSE
0,053	0,311	0,002	0,007	0,083	FALSE
-0,015	0,320	-0,001	0,011	0,018	FALSE
-0,069	0,318	-0,002	0,010	0,078	FALSE
-0,095	0,294	-0,003	0,010	0,119	FALSE
-0,021	0,306	-0,002	0,013	0,048	FALSE
-0,119	0,296	-0,006	0,013	0,212	FALSE
-0,067	0,317	-0,002	0,007	0,094	FALSE
0,080	0,310	0,003	0,010	0,130	FALSE
0,081	0,307	0,002	0,007	0,116	FALSE
0,048	0,311	0,001	0,007	0,069	FALSE
0,004	0,307	0,000	0,008	0,003	FALSE
0,000	0,309	0,000	0,007	0,019	FALSE
0,015	0,314	0,001	0,009	0,034	FALSE
-0,022	0,294	-0,001	0,009	0,021	FALSE
0,004	0,305	0,001	0,012	0,016	FALSE
-0,023	0,317	-0,001	0,007	0,041	FALSE
0,131	0,304	0,005	0,010	0,224	FALSE

0,068	0,315	0,003	0,013	0,076	FALSE
-0,027	0,319	-0,001	0,009	0,023	FALSE
-0,126	0,297	-0,003	0,008	0,163	FALSE
0,011	0,308	0,000	0,008	0,013	FALSE
0,037	0,319	0,001	0,008	0,035	FALSE
-0,107	0,302	-0,002	0,007	0,127	FALSE
-0,035	0,284	0,000	0,010	0,007	FALSE
-0,088	0,297	-0,002	0,010	0,079	FALSE
-0,082	0,299	-0,002	0,009	0,101	FALSE
-0,049	0,307	-0,001	0,008	0,060	FALSE
0,084	0,308	0,002	0,008	0,100	FALSE
-0,101	0,300	-0,003	0,009	0,145	FALSE
0,072	0,321	0,003	0,012	0,085	FALSE
0,004	0,305	0,000	0,007	0,003	FALSE
-0,069	0,321	-0,002	0,007	0,090	FALSE
-0,006	0,310	-0,001	0,012	0,021	FALSE
-0,031	0,299	-0,001	0,008	0,032	FALSE
0,026	0,314	0,000	0,010	0,014	FALSE
0,072	0,305	0,002	0,012	0,058	FALSE
-0,008	0,295	0,000	0,012	0,008	FALSE
-0,062	0,312	-0,001	0,009	0,060	FALSE
-0,067	0,322	-0,002	0,007	0,090	FALSE
0,017	0,308	0,000	0,007	0,017	FALSE
0,122	0,304	0,004	0,010	0,179	FALSE
-0,007	0,309	0,000	0,013	0,007	FALSE
0,039	0,316	0,002	0,012	0,049	FALSE
0,104	0,297	0,005	0,012	0,156	FALSE
-0,103	0,311	-0,003	0,007	0,147	FALSE
-0,019	0,298	0,000	0,008	0,015	FALSE
0,093	0,313	0,002	0,008	0,112	FALSE
0,070	0,303	0,001	0,007	0,060	FALSE
-0,109	0,299	-0,003	0,007	0,166	FALSE
0,070	0,304	0,003	0,012	0,111	FALSE
0,061	0,295	0,002	0,009	0,083	FALSE
0,001	0,316	0,000	0,010	0,003	FALSE
-0,083	0,296	-0,002	0,009	0,107	FALSE
-0,021	0,307	0,000	0,011	0,015	FALSE
-0,037	0,299	-0,001	0,008	0,051	FALSE
0,077	0,306	0,002	0,009	0,074	FALSE
-0,035	0,307	-0,001	0,007	0,058	FALSE
0,066	0,301	0,002	0,011	0,083	FALSE
0,076	0,304	0,002	0,006	0,097	FALSE
-0,064	0,312	-0,002	0,010	0,081	FALSE
-0,062	0,308	-0,003	0,009	0,121	FALSE
-0,071	0,315	-0,002	0,010	0,091	FALSE
0,052	0,309	0,002	0,009	0,084	FALSE
-0,014	0,308	-0,002	0,011	0,050	FALSE
-0,015	0,310	-0,001	0,008	0,025	FALSE
-0,058	0,305	-0,002	0,010	0,085	FALSE
0,073	0,306	0,002	0,013	0,056	FALSE
0,043	0,313	0,002	0,011	0,063	FALSE
0,079	0,286	0,003	0,009	0,153	FALSE
-0,042	0,298	-0,003	0,013	0,079	FALSE

-0,147	0,314	-0,005	0,011	0,190	FALSE
0,012	0,305	0,000	0,011	0,012	FALSE
-0,049	0,310	-0,002	0,010	0,099	FALSE
-0,010	0,317	0,000	0,010	0,004	FALSE
-0,014	0,310	0,000	0,007	0,017	FALSE
0,008	0,306	0,000	0,007	0,015	FALSE
-0,018	0,304	-0,001	0,012	0,035	FALSE
-0,018	0,309	0,000	0,010	0,008	FALSE
-0,005	0,287	-0,001	0,011	0,018	FALSE
-0,046	0,308	-0,001	0,007	0,034	FALSE
0,024	0,310	0,001	0,006	0,031	FALSE
0,005	0,296	0,000	0,008	0,010	FALSE
0,005	0,314	0,000	0,009	0,014	FALSE
-0,028	0,300	0,000	0,007	0,023	FALSE
-0,046	0,317	-0,001	0,007	0,032	FALSE
0,031	0,301	0,000	0,011	0,005	FALSE
0,080	0,302	0,002	0,007	0,111	FALSE
0,021	0,309	0,001	0,008	0,023	FALSE
0,012	0,296	0,001	0,008	0,043	FALSE
0,047	0,297	0,002	0,007	0,080	FALSE
-0,052	0,309	-0,002	0,009	0,102	FALSE
-0,011	0,304	-0,001	0,006	0,029	FALSE
-0,059	0,290	-0,001	0,008	0,047	FALSE
-0,054	0,301	-0,001	0,006	0,077	FALSE
-0,052	0,300	-0,001	0,010	0,020	FALSE
-0,033	0,303	-0,002	0,013	0,058	FALSE
0,139	0,300	0,005	0,009	0,217	FALSE
-0,075	0,306	-0,001	0,008	0,073	FALSE
-0,016	0,316	-0,001	0,009	0,024	FALSE
-0,052	0,314	-0,001	0,006	0,039	FALSE
0,002	0,311	0,000	0,007	0,000	FALSE
-0,013	0,302	0,000	0,006	0,023	FALSE
0,211	0,292	0,004	0,006	0,322	FALSE
0,005	0,318	0,000	0,008	0,001	FALSE
-0,016	0,318	-0,001	0,007	0,026	FALSE
0,034	0,304	0,001	0,008	0,054	FALSE
0,080	0,304	0,002	0,008	0,111	FALSE
0,094	0,308	0,002	0,006	0,111	FALSE
0,192	0,306	0,005	0,009	0,252	FALSE
-0,065	0,304	-0,001	0,008	0,056	FALSE
-0,096	0,312	-0,002	0,006	0,109	FALSE
-0,095	0,298	-0,002	0,006	0,108	FALSE
0,059	0,310	0,001	0,008	0,060	FALSE
-0,022	0,306	0,000	0,008	0,004	FALSE
0,009	0,297	0,000	0,007	0,019	FALSE
-0,046	0,290	-0,001	0,009	0,057	FALSE
-0,049	0,309	-0,001	0,009	0,059	FALSE
-0,025	0,303	0,000	0,007	0,021	FALSE
0,121	0,309	0,004	0,011	0,150	FALSE
0,108	0,314	0,004	0,011	0,132	FALSE
-0,002	0,312	0,000	0,007	0,017	FALSE
0,005	0,310	0,000	0,012	0,000	FALSE
0,027	0,315	0,000	0,008	0,017	FALSE

-0,033	0,301	0,000	0,008	0,017	FALSE
0,072	0,302	0,001	0,008	0,046	FALSE
-0,025	0,293	-0,002	0,011	0,064	FALSE
0,009	0,310	0,000	0,013	0,010	FALSE
0,088	0,299	0,003	0,010	0,098	FALSE
-0,047	0,308	0,000	0,007	0,021	FALSE
0,011	0,316	0,000	0,011	0,015	FALSE
0,008	0,307	0,000	0,013	0,001	FALSE
0,076	0,303	0,002	0,012	0,074	FALSE
0,138	0,314	0,005	0,009	0,217	FALSE
-0,116	0,274	-0,003	0,009	0,118	FALSE
-0,074	0,311	-0,001	0,008	0,057	FALSE
0,030	0,305	0,000	0,007	0,025	FALSE
0,003	0,304	0,000	0,013	0,006	FALSE
0,028	0,318	0,001	0,013	0,025	FALSE
0,062	0,301	0,002	0,011	0,063	FALSE
-0,007	0,304	0,000	0,009	0,018	FALSE
-0,039	0,302	0,000	0,010	0,011	FALSE
0,082	0,324	0,002	0,008	0,098	FALSE
-0,123	0,301	-0,004	0,009	0,165	FALSE
0,096	0,301	0,002	0,007	0,112	FALSE
0,089	0,315	0,003	0,013	0,097	FALSE
-0,054	0,297	-0,002	0,010	0,060	FALSE
-0,133	0,312	-0,005	0,012	0,155	FALSE
0,024	0,320	0,000	0,008	0,002	FALSE
0,071	0,304	0,001	0,007	0,082	FALSE
0,027	0,299	0,001	0,009	0,030	FALSE
0,063	0,299	0,001	0,006	0,047	FALSE
0,007	0,310	0,000	0,010	0,013	FALSE
0,004	0,295	0,001	0,012	0,016	FALSE
-0,080	0,306	-0,002	0,007	0,101	FALSE
0,039	0,311	0,001	0,007	0,038	FALSE
-0,005	0,302	0,000	0,008	0,019	FALSE
0,116	0,308	0,003	0,006	0,174	FALSE
0,007	0,303	0,000	0,012	0,014	FALSE
0,016	0,306	0,001	0,012	0,028	FALSE
0,033	0,305	0,001	0,009	0,039	FALSE
-0,115	0,322	-0,003	0,009	0,140	FALSE
0,046	0,310	0,001	0,012	0,041	FALSE
-0,070	0,300	-0,002	0,009	0,079	FALSE
-0,020	0,312	-0,001	0,007	0,045	FALSE
-0,016	0,307	0,000	0,008	0,017	FALSE
-0,034	0,304	-0,001	0,008	0,065	FALSE
0,153	0,307	0,006	0,011	0,237	FALSE
-0,073	0,281	-0,002	0,007	0,094	FALSE
0,155	0,303	0,006	0,012	0,228	FALSE
-0,100	0,301	-0,004	0,011	0,144	FALSE
0,026	0,319	0,001	0,011	0,018	FALSE
0,137	0,303	0,003	0,008	0,180	FALSE
0,013	0,302	0,000	0,007	0,022	FALSE
-0,116	0,320	-0,003	0,008	0,142	FALSE
-0,129	0,300	-0,003	0,007	0,191	FALSE
-0,144	0,311	-0,004	0,008	0,196	FALSE

-0,163	0,307	-0,007	0,013	0,216	FALSE
0,080	0,297	0,004	0,012	0,116	FALSE
-0,019	0,311	-0,001	0,012	0,027	FALSE
-0,165	0,291	-0,007	0,012	0,261	FALSE
-0,095	0,312	-0,004	0,012	0,114	FALSE
-0,134	0,305	-0,006	0,013	0,180	FALSE
-0,079	0,318	-0,002	0,007	0,117	FALSE
0,112	0,291	0,004	0,011	0,134	FALSE
-0,130	0,292	-0,003	0,007	0,166	FALSE
0,049	0,301	0,002	0,010	0,066	FALSE
0,077	0,311	0,001	0,009	0,061	FALSE
0,115	0,294	0,003	0,007	0,153	FALSE
-0,091	0,314	-0,002	0,006	0,105	FALSE
0,089	0,314	0,004	0,013	0,123	FALSE
-0,009	0,304	0,000	0,006	0,004	FALSE
0,054	0,303	0,002	0,007	0,090	FALSE
-0,012	0,300	-0,001	0,008	0,028	FALSE
-0,025	0,309	-0,001	0,010	0,048	FALSE
-0,032	0,323	-0,001	0,013	0,032	FALSE
-0,053	0,299	-0,001	0,010	0,042	FALSE
-0,096	0,294	-0,003	0,012	0,107	FALSE
0,020	0,311	0,001	0,012	0,016	FALSE
-0,064	0,288	-0,001	0,006	0,038	FALSE
0,007	0,296	0,001	0,008	0,030	FALSE
0,102	0,297	0,003	0,008	0,158	FALSE
0,059	0,309	0,001	0,007	0,072	FALSE
-0,020	0,308	-0,001	0,010	0,019	FALSE
0,135	0,305	0,006	0,011	0,207	FALSE
0,033	0,298	0,000	0,010	0,006	FALSE
0,019	0,291	0,000	0,011	0,009	FALSE
0,092	0,318	0,002	0,008	0,101	FALSE
0,073	0,299	0,002	0,008	0,078	FALSE
0,103	0,300	0,003	0,008	0,134	FALSE
-0,041	0,298	0,000	0,010	0,018	FALSE
-0,054	0,303	-0,002	0,013	0,071	FALSE
0,059	0,302	0,002	0,010	0,072	FALSE
0,106	0,287	0,003	0,009	0,137	FALSE
-0,067	0,295	-0,001	0,006	0,045	FALSE
0,009	0,321	0,000	0,007	0,010	FALSE
-0,040	0,310	-0,001	0,008	0,061	FALSE
0,012	0,312	0,001	0,012	0,026	FALSE
0,017	0,309	0,000	0,007	0,011	FALSE
-0,008	0,301	0,000	0,006	0,013	FALSE
0,005	0,312	0,000	0,007	0,005	FALSE
0,143	0,310	0,003	0,007	0,173	FALSE
0,040	0,298	0,002	0,007	0,094	FALSE
-0,046	0,313	-0,002	0,010	0,068	FALSE
-0,030	0,310	-0,001	0,009	0,036	FALSE
0,092	0,307	0,003	0,009	0,112	FALSE
0,046	0,300	0,003	0,012	0,092	FALSE
0,040	0,305	0,002	0,007	0,096	FALSE
0,004	0,288	0,000	0,008	0,014	FALSE
0,026	0,296	0,001	0,007	0,076	FALSE

0,049	0,304	0,002	0,007	0,105	FALSE
0,013	0,308	0,000	0,008	0,006	FALSE
-0,082	0,305	-0,003	0,009	0,131	FALSE
0,008	0,292	0,000	0,007	0,017	FALSE
-0,119	0,292	-0,003	0,008	0,148	FALSE
0,048	0,297	0,000	0,008	0,017	FALSE
0,053	0,298	0,002	0,007	0,118	FALSE
0,030	0,296	0,002	0,012	0,068	FALSE
0,053	0,302	0,002	0,008	0,073	FALSE
0,103	0,296	0,002	0,007	0,111	FALSE
0,046	0,284	0,001	0,007	0,060	FALSE
-0,086	0,309	-0,002	0,006	0,104	FALSE
-0,146	0,305	-0,004	0,010	0,179	FALSE
0,092	0,302	0,003	0,009	0,150	FALSE
0,044	0,307	0,002	0,010	0,057	FALSE
0,185	0,307	0,005	0,007	0,276	FALSE
-0,087	0,298	-0,004	0,012	0,111	FALSE
-0,026	0,298	-0,001	0,007	0,045	FALSE
-0,029	0,308	-0,001	0,006	0,029	FALSE
-0,091	0,306	-0,002	0,007	0,102	FALSE
0,017	0,312	0,000	0,012	0,008	FALSE
0,079	0,292	0,002	0,007	0,114	FALSE
-0,060	0,315	-0,001	0,007	0,050	FALSE
-0,021	0,316	-0,001	0,013	0,029	FALSE
-0,157	0,294	-0,006	0,010	0,235	FALSE
-0,094	0,303	-0,003	0,008	0,143	FALSE
0,022	0,315	0,001	0,011	0,044	FALSE
-0,028	0,306	-0,001	0,012	0,023	FALSE
0,033	0,307	0,000	0,006	0,020	FALSE
-0,063	0,320	-0,001	0,008	0,050	FALSE
-0,152	0,310	-0,003	0,007	0,185	FALSE
-0,084	0,306	-0,002	0,007	0,095	FALSE
-0,017	0,307	-0,001	0,008	0,034	FALSE
0,024	0,295	0,001	0,008	0,056	FALSE
0,042	0,306	0,001	0,007	0,039	FALSE
0,037	0,301	0,001	0,006	0,086	FALSE
-0,076	0,318	-0,002	0,012	0,077	FALSE
-0,106	0,304	-0,004	0,010	0,181	FALSE
-0,065	0,302	-0,002	0,011	0,066	FALSE
-0,030	0,323	-0,001	0,007	0,032	FALSE
-0,067	0,298	-0,002	0,008	0,091	FALSE
0,010	0,311	0,000	0,010	0,016	FALSE
-0,077	0,312	-0,003	0,009	0,123	FALSE
0,073	0,302	0,002	0,010	0,086	FALSE
-0,004	0,307	0,000	0,006	0,003	FALSE
-0,005	0,313	0,000	0,012	0,001	FALSE
0,112	0,310	0,004	0,013	0,140	FALSE
0,054	0,304	0,003	0,013	0,081	FALSE
0,017	0,307	0,001	0,009	0,044	FALSE
0,107	0,314	0,002	0,007	0,130	FALSE
-0,006	0,310	0,000	0,010	0,010	FALSE
-0,055	0,293	-0,001	0,010	0,047	FALSE
-0,092	0,314	-0,002	0,007	0,125	FALSE

0,019	0,307	0,001	0,006	0,034	FALSE
0,074	0,307	0,002	0,008	0,112	FALSE
0,041	0,317	0,001	0,010	0,054	FALSE
-0,044	0,301	-0,001	0,007	0,043	FALSE
0,111	0,318	0,004	0,011	0,164	FALSE
0,107	0,300	0,004	0,008	0,186	FALSE
-0,162	0,301	-0,006	0,010	0,264	FALSE
-0,103	0,291	-0,005	0,013	0,156	FALSE
0,009	0,318	0,001	0,013	0,031	FALSE
-0,056	0,302	-0,003	0,011	0,096	FALSE
0,020	0,303	0,000	0,006	0,013	FALSE
-0,061	0,293	-0,003	0,012	0,096	FALSE
-0,030	0,300	0,000	0,007	0,021	FALSE
0,004	0,297	0,000	0,007	0,017	FALSE
0,079	0,303	0,002	0,008	0,112	FALSE
-0,026	0,314	-0,001	0,013	0,041	FALSE
0,057	0,316	0,001	0,007	0,070	FALSE
-0,048	0,304	-0,002	0,012	0,055	FALSE
0,170	0,295	0,004	0,006	0,238	FALSE
-0,068	0,308	-0,003	0,013	0,091	FALSE
-0,086	0,309	-0,004	0,013	0,109	FALSE
-0,067	0,297	-0,001	0,006	0,080	FALSE
-0,101	0,318	-0,004	0,012	0,133	FALSE
-0,191	0,294	-0,009	0,013	0,343	FALSE
0,033	0,281	0,001	0,008	0,061	FALSE
0,045	0,324	0,001	0,011	0,051	FALSE
0,004	0,294	0,000	0,009	0,011	FALSE
-0,032	0,307	-0,001	0,009	0,037	FALSE
-0,065	0,307	-0,001	0,007	0,049	FALSE
-0,112	0,299	-0,003	0,007	0,150	FALSE
-0,009	0,301	-0,001	0,007	0,028	FALSE
0,057	0,306	0,002	0,007	0,081	FALSE
0,082	0,313	0,002	0,007	0,110	FALSE
-0,091	0,322	-0,001	0,006	0,081	FALSE
0,062	0,311	0,003	0,012	0,085	FALSE
0,137	0,292	0,006	0,012	0,188	FALSE
-0,090	0,304	-0,003	0,012	0,104	FALSE
0,033	0,313	0,001	0,011	0,022	FALSE
-0,079	0,319	-0,003	0,013	0,087	FALSE
0,181	0,298	0,006	0,010	0,236	FALSE
0,029	0,295	0,002	0,011	0,066	FALSE
0,112	0,306	0,003	0,010	0,123	FALSE
-0,078	0,327	-0,003	0,010	0,095	FALSE
-0,003	0,310	0,000	0,008	0,014	FALSE
0,127	0,300	0,004	0,010	0,156	FALSE
0,129	0,311	0,004	0,010	0,159	FALSE
-0,088	0,320	-0,004	0,013	0,119	FALSE
-0,061	0,308	-0,002	0,010	0,081	FALSE
-0,008	0,299	0,000	0,007	0,002	FALSE
0,043	0,317	0,001	0,011	0,044	FALSE
0,015	0,305	0,001	0,012	0,041	FALSE
0,073	0,313	0,002	0,008	0,102	FALSE
0,010	0,317	0,001	0,013	0,019	FALSE

0,025	0,307	0,001	0,010	0,019	FALSE
-0,033	0,311	-0,001	0,012	0,033	FALSE
-0,074	0,300	-0,004	0,013	0,122	FALSE
0,011	0,293	0,000	0,007	0,016	FALSE
0,025	0,306	0,000	0,007	0,023	FALSE
0,110	0,318	0,002	0,007	0,126	FALSE
0,025	0,308	0,001	0,011	0,021	FALSE
0,061	0,310	0,002	0,012	0,066	FALSE
-0,134	0,315	-0,003	0,007	0,144	FALSE
0,101	0,308	0,002	0,007	0,116	FALSE
0,045	0,303	0,001	0,007	0,052	FALSE
-0,046	0,299	-0,002	0,010	0,093	FALSE
-0,035	0,313	-0,002	0,011	0,075	FALSE
0,037	0,305	0,001	0,008	0,048	FALSE
-0,011	0,306	0,000	0,011	0,009	FALSE
0,025	0,305	0,001	0,008	0,037	FALSE
-0,018	0,307	0,000	0,008	0,015	FALSE
0,001	0,310	0,000	0,007	0,008	FALSE
-0,060	0,307	-0,001	0,009	0,040	FALSE
0,105	0,285	0,003	0,007	0,193	FALSE
0,010	0,294	0,000	0,007	0,003	FALSE
0,034	0,312	0,001	0,006	0,041	FALSE
0,047	0,298	0,002	0,011	0,050	FALSE
-0,016	0,303	-0,002	0,011	0,061	FALSE
0,027	0,307	0,001	0,007	0,045	FALSE
-0,054	0,303	-0,002	0,010	0,077	FALSE
0,076	0,304	0,003	0,012	0,094	FALSE
-0,043	0,315	-0,002	0,010	0,066	FALSE
-0,061	0,321	-0,002	0,010	0,084	FALSE
-0,068	0,311	-0,001	0,007	0,062	FALSE
-0,071	0,293	-0,001	0,006	0,070	FALSE
0,001	0,323	0,001	0,012	0,015	FALSE
-0,047	0,319	-0,001	0,008	0,037	FALSE
0,053	0,303	0,003	0,010	0,114	FALSE
-0,129	0,316	-0,003	0,007	0,138	FALSE
0,015	0,316	0,001	0,007	0,028	FALSE
0,088	0,295	0,002	0,008	0,091	FALSE
0,081	0,297	0,004	0,012	0,118	FALSE
-0,072	0,313	-0,002	0,013	0,070	FALSE
-0,047	0,292	-0,001	0,007	0,054	FALSE
-0,001	0,328	-0,001	0,012	0,023	FALSE
0,078	0,295	0,003	0,011	0,116	FALSE
0,067	0,316	0,002	0,007	0,093	FALSE
-0,112	0,312	-0,003	0,008	0,129	FALSE
0,043	0,302	0,001	0,009	0,059	FALSE
0,061	0,304	0,001	0,008	0,068	FALSE
-0,070	0,302	-0,002	0,008	0,073	FALSE
-0,087	0,314	-0,002	0,007	0,115	FALSE
-0,029	0,312	0,000	0,012	0,014	FALSE
0,051	0,298	0,002	0,008	0,091	FALSE
-0,060	0,309	-0,002	0,010	0,076	FALSE
-0,157	0,301	-0,005	0,010	0,197	FALSE
-0,038	0,305	-0,001	0,007	0,033	FALSE

0,002	0,298	0,000	0,008	0,004	FALSE
-0,086	0,318	-0,003	0,010	0,107	FALSE
-0,050	0,309	-0,001	0,009	0,061	FALSE
-0,049	0,312	-0,001	0,009	0,051	FALSE
0,090	0,303	0,003	0,011	0,087	FALSE
-0,072	0,304	-0,002	0,007	0,083	FALSE
-0,031	0,308	-0,002	0,013	0,061	FALSE
-0,066	0,297	-0,002	0,011	0,051	FALSE
-0,019	0,302	0,000	0,012	0,005	FALSE
0,042	0,320	0,002	0,013	0,052	FALSE
0,015	0,297	0,000	0,006	0,011	FALSE
0,103	0,307	0,004	0,012	0,118	FALSE
-0,004	0,312	0,000	0,010	0,011	FALSE
0,031	0,314	0,001	0,009	0,029	FALSE
0,086	0,303	0,002	0,009	0,094	FALSE
-0,078	0,313	-0,003	0,013	0,100	FALSE
-0,018	0,298	0,000	0,013	0,005	FALSE
0,042	0,302	0,001	0,011	0,038	FALSE
-0,018	0,295	0,000	0,007	0,006	FALSE
0,005	0,316	0,001	0,012	0,032	FALSE
0,020	0,315	0,002	0,011	0,053	FALSE
0,088	0,304	0,003	0,012	0,092	FALSE
-0,048	0,311	-0,002	0,013	0,055	FALSE
0,091	0,312	0,002	0,008	0,094	FALSE
0,054	0,298	0,001	0,007	0,063	FALSE
0,041	0,312	0,001	0,006	0,039	FALSE
0,056	0,317	0,001	0,007	0,073	FALSE
-0,076	0,311	-0,001	0,008	0,066	FALSE
-0,060	0,318	-0,001	0,007	0,040	FALSE
-0,073	0,305	-0,001	0,007	0,057	FALSE
-0,026	0,312	-0,001	0,010	0,048	FALSE
0,010	0,301	0,000	0,010	0,011	FALSE
0,033	0,330	0,000	0,008	0,005	FALSE
-0,013	0,319	-0,001	0,012	0,032	FALSE
-0,108	0,310	-0,003	0,009	0,126	FALSE
-0,009	0,321	0,000	0,007	0,016	FALSE
0,018	0,306	0,000	0,009	0,018	FALSE
-0,115	0,295	-0,003	0,008	0,154	FALSE
0,143	0,305	0,003	0,007	0,146	FALSE
-0,068	0,303	-0,001	0,008	0,056	FALSE
0,058	0,307	0,001	0,010	0,045	FALSE
0,087	0,305	0,001	0,007	0,060	FALSE
0,000	0,316	0,000	0,009	0,016	FALSE
0,085	0,307	0,002	0,007	0,144	FALSE
-0,033	0,301	-0,001	0,007	0,040	FALSE
-0,030	0,314	-0,002	0,013	0,056	FALSE
0,057	0,307	0,002	0,012	0,072	FALSE
-0,087	0,289	-0,003	0,008	0,147	FALSE
-0,030	0,299	-0,001	0,012	0,020	FALSE
-0,050	0,300	-0,001	0,007	0,069	FALSE
-0,076	0,310	-0,003	0,012	0,108	FALSE
0,123	0,307	0,005	0,011	0,208	FALSE
0,003	0,298	0,000	0,007	0,011	FALSE

0,034	0,306	0,001	0,007	0,026	FALSE
0,207	0,300	0,006	0,009	0,279	FALSE
-0,071	0,299	-0,001	0,006	0,069	FALSE
-0,154	0,294	-0,004	0,007	0,237	FALSE
0,041	0,302	0,001	0,006	0,065	FALSE
0,220	0,297	0,006	0,008	0,308	FALSE
0,033	0,289	0,002	0,008	0,072	FALSE
0,033	0,300	0,001	0,007	0,063	FALSE
-0,025	0,312	-0,001	0,007	0,031	FALSE
0,108	0,311	0,003	0,008	0,141	FALSE
0,141	0,301	0,004	0,007	0,221	FALSE
-0,111	0,294	-0,005	0,011	0,188	FALSE
-0,082	0,309	-0,002	0,009	0,090	FALSE
0,111	0,297	0,003	0,007	0,165	FALSE
-0,001	0,306	0,000	0,009	0,018	FALSE
-0,026	0,314	-0,001	0,012	0,023	FALSE
-0,050	0,305	-0,001	0,007	0,071	FALSE
-0,112	0,295	-0,006	0,013	0,192	FALSE
-0,048	0,298	-0,002	0,012	0,056	FALSE
-0,016	0,329	-0,001	0,013	0,013	FALSE
0,000	0,311	0,000	0,007	0,016	FALSE
-0,023	0,294	-0,001	0,009	0,025	FALSE
0,125	0,302	0,005	0,013	0,162	FALSE
0,059	0,303	0,001	0,006	0,081	FALSE
0,047	0,307	0,002	0,008	0,114	FALSE
-0,084	0,308	-0,002	0,007	0,112	FALSE
-0,002	0,312	-0,001	0,011	0,040	FALSE
-0,158	0,310	-0,003	0,007	0,189	FALSE
-0,010	0,297	-0,001	0,011	0,019	FALSE
-0,090	0,290	-0,002	0,008	0,112	FALSE
-0,118	0,305	-0,003	0,009	0,156	FALSE
0,050	0,323	0,002	0,013	0,048	FALSE
0,008	0,317	0,000	0,009	0,018	FALSE
0,062	0,280	0,003	0,012	0,088	FALSE
-0,020	0,309	-0,001	0,008	0,022	FALSE
-0,035	0,310	-0,001	0,007	0,034	FALSE
0,061	0,308	0,002	0,008	0,072	FALSE
0,103	0,309	0,003	0,009	0,106	FALSE
-0,093	0,308	-0,002	0,008	0,116	FALSE
0,136	0,318	0,004	0,008	0,196	FALSE
-0,082	0,298	-0,002	0,007	0,092	FALSE
-0,100	0,295	-0,003	0,009	0,143	FALSE
-0,003	0,309	0,000	0,011	0,016	FALSE
0,042	0,319	0,001	0,011	0,038	FALSE
-0,040	0,320	-0,002	0,012	0,072	FALSE
-0,151	0,302	-0,007	0,012	0,247	FALSE
0,076	0,306	0,001	0,007	0,068	FALSE
-0,173	0,320	-0,004	0,008	0,238	FALSE
-0,048	0,310	-0,001	0,007	0,056	FALSE
-0,008	0,290	0,000	0,011	0,009	FALSE
0,022	0,311	0,002	0,011	0,059	FALSE
-0,031	0,313	-0,002	0,012	0,055	FALSE
0,048	0,296	0,002	0,011	0,072	FALSE

-0,038	0,305	-0,001	0,007	0,043	FALSE
-0,068	0,296	-0,001	0,006	0,076	FALSE
-0,041	0,304	-0,001	0,007	0,049	FALSE
0,041	0,313	0,001	0,010	0,048	FALSE
0,000	0,322	0,000	0,009	0,008	FALSE
0,007	0,318	0,000	0,007	0,018	FALSE
-0,131	0,303	-0,004	0,009	0,169	FALSE
-0,091	0,296	-0,004	0,012	0,130	FALSE
0,005	0,300	0,000	0,013	0,003	FALSE
-0,015	0,324	0,000	0,008	0,002	FALSE
0,016	0,301	0,001	0,010	0,053	FALSE
-0,006	0,298	0,000	0,006	0,023	FALSE
-0,039	0,303	-0,001	0,010	0,029	FALSE
0,034	0,314	0,003	0,013	0,078	FALSE
0,061	0,309	0,003	0,013	0,102	FALSE
-0,006	0,314	0,000	0,006	0,001	FALSE
0,036	0,307	0,001	0,010	0,047	FALSE
0,017	0,289	0,001	0,009	0,039	FALSE
0,014	0,310	0,000	0,006	0,013	FALSE
0,104	0,300	0,002	0,007	0,132	FALSE
-0,047	0,301	-0,001	0,008	0,054	FALSE
-0,002	0,296	0,000	0,007	0,008	FALSE
-0,008	0,325	-0,001	0,012	0,023	FALSE
0,105	0,319	0,003	0,009	0,138	FALSE
0,007	0,325	-0,001	0,013	0,017	FALSE
0,146	0,296	0,003	0,006	0,215	FALSE
-0,072	0,307	-0,001	0,010	0,052	FALSE
-0,066	0,305	-0,002	0,008	0,086	FALSE
-0,124	0,302	-0,003	0,007	0,183	FALSE
-0,072	0,319	-0,002	0,009	0,075	FALSE
-0,075	0,319	-0,001	0,008	0,069	FALSE
-0,128	0,313	-0,003	0,007	0,150	FALSE
-0,151	0,294	-0,003	0,007	0,199	FALSE
0,036	0,306	0,001	0,006	0,049	FALSE
0,027	0,301	0,000	0,008	0,005	FALSE
-0,059	0,308	-0,003	0,012	0,105	FALSE
-0,105	0,304	-0,003	0,011	0,108	FALSE
0,145	0,299	0,004	0,008	0,198	FALSE
0,116	0,313	0,003	0,008	0,152	FALSE
-0,130	0,297	-0,004	0,011	0,146	FALSE
0,000	0,288	0,001	0,007	0,038	FALSE
-0,003	0,315	0,001	0,011	0,021	FALSE
-0,008	0,309	0,000	0,011	0,008	FALSE
0,045	0,311	0,001	0,013	0,034	FALSE
-0,055	0,307	-0,001	0,009	0,061	FALSE
-0,090	0,321	-0,003	0,010	0,120	FALSE
0,145	0,322	0,003	0,008	0,188	FALSE
0,137	0,325	0,003	0,008	0,158	FALSE
0,139	0,319	0,003	0,008	0,173	FALSE
0,231	0,309	0,010	0,013	0,365	FALSE
-0,191	0,317	-0,008	0,013	0,291	FALSE
-0,167	0,313	-0,006	0,009	0,264	FALSE
0,121	0,295	0,004	0,008	0,214	FALSE

0,097	0,303	0,003	0,008	0,135	FALSE
0,098	0,316	0,004	0,011	0,133	FALSE
-0,063	0,308	-0,003	0,012	0,087	FALSE
0,061	0,301	0,002	0,009	0,088	FALSE
0,162	0,297	0,006	0,012	0,199	FALSE
0,002	0,309	0,000	0,009	0,009	FALSE
-0,120	0,301	-0,002	0,007	0,127	FALSE
-0,012	0,312	0,000	0,009	0,012	FALSE
-0,101	0,301	-0,002	0,007	0,132	FALSE
-0,090	0,312	-0,004	0,011	0,142	FALSE
-0,031	0,297	-0,001	0,011	0,042	FALSE
-0,051	0,297	-0,002	0,011	0,082	FALSE
-0,127	0,302	-0,003	0,007	0,165	FALSE
-0,011	0,307	0,000	0,011	0,015	FALSE
0,059	0,310	0,003	0,011	0,092	FALSE
0,104	0,301	0,004	0,011	0,147	FALSE
0,120	0,299	0,003	0,008	0,159	FALSE
0,041	0,304	0,001	0,009	0,057	FALSE
-0,040	0,308	-0,001	0,007	0,045	FALSE
0,031	0,297	0,002	0,008	0,076	FALSE
0,084	0,295	0,003	0,009	0,131	FALSE
0,080	0,302	0,002	0,008	0,098	FALSE
0,070	0,286	0,003	0,007	0,157	FALSE
0,047	0,299	0,002	0,007	0,105	FALSE
0,130	0,298	0,003	0,007	0,162	FALSE
0,106	0,298	0,002	0,007	0,115	FALSE
0,211	0,302	0,009	0,012	0,326	FALSE
0,051	0,314	0,002	0,011	0,061	FALSE
0,004	0,291	0,001	0,012	0,037	FALSE
-0,127	0,313	-0,004	0,010	0,184	FALSE
0,005	0,313	0,000	0,011	0,004	FALSE
-0,005	0,306	0,000	0,011	0,004	FALSE
0,052	0,293	0,003	0,012	0,094	FALSE
0,003	0,303	0,000	0,011	0,011	FALSE
0,007	0,313	0,000	0,013	0,009	FALSE
-0,061	0,302	-0,001	0,011	0,045	FALSE
-0,074	0,313	-0,002	0,011	0,063	FALSE
0,138	0,296	0,005	0,010	0,189	FALSE
0,012	0,305	0,001	0,007	0,035	FALSE
0,024	0,313	0,001	0,010	0,029	FALSE
0,029	0,313	0,001	0,010	0,030	FALSE
0,071	0,316	0,002	0,009	0,084	FALSE
0,026	0,311	0,001	0,013	0,021	FALSE
-0,046	0,318	-0,001	0,007	0,055	FALSE
-0,005	0,318	0,000	0,010	0,012	FALSE
-0,034	0,303	-0,001	0,008	0,053	FALSE
0,054	0,315	0,001	0,009	0,057	FALSE
0,003	0,312	0,000	0,010	0,016	FALSE
-0,053	0,303	-0,002	0,009	0,077	FALSE
-0,005	0,299	0,000	0,009	0,001	FALSE
0,076	0,315	0,003	0,010	0,120	FALSE
-0,062	0,318	-0,001	0,008	0,066	FALSE
-0,087	0,298	-0,002	0,007	0,102	FALSE

0,021	0,301	0,000	0,007	0,006	FALSE
-0,018	0,315	-0,001	0,007	0,041	FALSE
0,020	0,307	0,002	0,011	0,054	FALSE
0,036	0,311	0,002	0,013	0,049	FALSE
-0,029	0,314	-0,001	0,008	0,059	FALSE
-0,121	0,305	-0,005	0,013	0,179	FALSE
0,079	0,305	0,002	0,007	0,084	FALSE
0,002	0,319	0,000	0,013	0,009	FALSE
-0,037	0,312	-0,001	0,009	0,025	FALSE
-0,092	0,306	-0,002	0,007	0,141	FALSE
-0,005	0,309	-0,001	0,009	0,041	FALSE
0,058	0,296	0,001	0,006	0,037	FALSE
-0,169	0,296	-0,007	0,011	0,286	FALSE
0,142	0,287	0,005	0,012	0,170	FALSE
0,057	0,303	0,001	0,009	0,047	FALSE
0,000	0,306	0,001	0,011	0,024	FALSE
0,061	0,330	0,001	0,006	0,092	FALSE
0,075	0,313	0,002	0,007	0,105	FALSE
0,039	0,315	0,001	0,010	0,052	FALSE
-0,036	0,303	-0,001	0,006	0,057	FALSE
0,058	0,306	0,001	0,007	0,058	FALSE
-0,055	0,309	-0,001	0,007	0,052	FALSE
0,116	0,306	0,004	0,012	0,132	FALSE
0,075	0,321	0,003	0,013	0,100	FALSE
0,062	0,306	0,003	0,012	0,083	FALSE
0,039	0,312	0,001	0,007	0,045	FALSE
-0,084	0,305	-0,001	0,006	0,070	FALSE
-0,046	0,306	-0,001	0,010	0,035	FALSE
0,015	0,306	-0,001	0,013	0,024	FALSE
-0,091	0,307	-0,001	0,007	0,078	FALSE
-0,001	0,300	0,000	0,011	0,015	FALSE
0,028	0,295	0,000	0,013	0,011	FALSE
-0,007	0,310	-0,001	0,007	0,029	FALSE
-0,059	0,313	-0,001	0,007	0,074	FALSE
0,109	0,311	0,004	0,011	0,162	FALSE
0,100	0,303	0,004	0,013	0,129	FALSE
-0,071	0,299	-0,003	0,012	0,108	FALSE
0,018	0,307	0,000	0,007	0,011	FALSE
-0,021	0,310	0,000	0,011	0,011	FALSE
-0,023	0,299	-0,001	0,012	0,017	FALSE
-0,024	0,315	0,000	0,007	0,003	FALSE
0,017	0,295	0,000	0,007	0,011	FALSE
-0,076	0,319	-0,002	0,009	0,090	FALSE
-0,027	0,300	-0,001	0,010	0,044	FALSE
-0,048	0,313	-0,001	0,008	0,065	FALSE
0,100	0,303	0,003	0,007	0,165	FALSE
-0,099	0,301	-0,003	0,008	0,143	FALSE
-0,053	0,317	-0,002	0,008	0,086	FALSE
0,143	0,291	0,003	0,007	0,193	FALSE
-0,036	0,304	-0,001	0,006	0,041	FALSE
0,038	0,302	0,001	0,009	0,046	FALSE
-0,011	0,309	-0,001	0,010	0,026	FALSE
0,033	0,294	0,001	0,011	0,037	FALSE

0,017	0,304	0,000	0,010	0,009	FALSE
0,023	0,320	0,000	0,013	0,001	FALSE
0,037	0,319	0,002	0,013	0,057	FALSE
0,034	0,298	0,002	0,012	0,058	FALSE
0,028	0,302	0,001	0,012	0,041	FALSE
-0,033	0,314	-0,001	0,013	0,030	FALSE
-0,012	0,297	-0,001	0,008	0,023	FALSE
0,150	0,314	0,005	0,009	0,219	FALSE
0,161	0,310	0,005	0,009	0,224	FALSE
-0,098	0,323	-0,002	0,007	0,087	FALSE
0,016	0,300	0,000	0,007	0,020	FALSE
0,015	0,313	0,001	0,007	0,031	FALSE
0,066	0,303	0,002	0,007	0,106	FALSE
0,164	0,290	0,004	0,007	0,255	FALSE
-0,054	0,302	-0,002	0,012	0,056	FALSE
-0,053	0,309	-0,001	0,007	0,030	FALSE
-0,128	0,297	-0,006	0,011	0,226	FALSE
0,005	0,308	0,001	0,007	0,028	FALSE
-0,039	0,325	-0,001	0,010	0,040	FALSE
-0,072	0,309	-0,002	0,009	0,106	FALSE
0,076	0,309	0,002	0,008	0,105	FALSE
-0,005	0,293	0,000	0,012	0,015	FALSE
-0,068	0,315	-0,002	0,010	0,080	FALSE
-0,032	0,314	0,000	0,007	0,025	FALSE
-0,025	0,333	0,000	0,007	0,009	FALSE
-0,009	0,312	0,000	0,007	0,000	FALSE
0,000	0,313	0,000	0,006	0,008	FALSE
-0,041	0,308	-0,001	0,008	0,040	FALSE
-0,013	0,299	-0,001	0,011	0,030	FALSE
-0,091	0,314	-0,003	0,011	0,105	FALSE
0,017	0,303	0,001	0,011	0,020	FALSE
0,029	0,296	0,001	0,008	0,068	FALSE
-0,037	0,316	-0,001	0,009	0,057	FALSE
-0,009	0,301	0,000	0,009	0,019	FALSE
0,047	0,314	0,001	0,008	0,034	FALSE
0,067	0,311	0,002	0,007	0,095	FALSE
0,046	0,313	0,001	0,009	0,052	FALSE
0,213	0,289	0,005	0,008	0,295	FALSE
0,091	0,302	0,003	0,008	0,152	FALSE
0,053	0,312	0,003	0,013	0,084	FALSE
-0,028	0,308	-0,002	0,009	0,066	FALSE
0,060	0,297	0,001	0,007	0,066	FALSE
0,011	0,301	0,000	0,008	0,004	FALSE
0,098	0,294	0,003	0,007	0,164	FALSE
-0,002	0,322	0,000	0,007	0,009	FALSE
0,012	0,301	0,001	0,011	0,031	FALSE
0,089	0,304	0,003	0,011	0,090	FALSE
0,101	0,309	0,003	0,009	0,127	FALSE
-0,013	0,305	0,000	0,007	0,022	FALSE
-0,020	0,328	-0,001	0,013	0,019	FALSE
0,142	0,299	0,005	0,011	0,191	FALSE
-0,062	0,300	-0,002	0,010	0,086	FALSE
0,069	0,304	0,002	0,007	0,093	FALSE

0,077	0,293	0,001	0,007	0,071	FALSE
-0,021	0,302	0,000	0,007	0,000	FALSE
0,057	0,314	0,001	0,010	0,037	FALSE
0,162	0,302	0,005	0,007	0,284	FALSE
-0,028	0,314	-0,001	0,012	0,024	FALSE
-0,022	0,308	0,000	0,009	0,007	FALSE
-0,011	0,304	0,000	0,008	0,004	FALSE
0,026	0,303	0,000	0,011	0,010	FALSE
0,107	0,306	0,003	0,009	0,133	FALSE
-0,008	0,317	0,000	0,008	0,008	FALSE
-0,050	0,304	-0,002	0,010	0,085	FALSE
0,090	0,292	0,002	0,007	0,127	FALSE
0,017	0,308	0,000	0,012	0,002	FALSE
0,036	0,310	0,000	0,006	0,010	FALSE
-0,045	0,316	-0,002	0,012	0,056	FALSE
-0,061	0,305	-0,003	0,012	0,094	FALSE
0,023	0,304	0,001	0,011	0,026	FALSE
-0,088	0,310	-0,004	0,012	0,117	FALSE
0,059	0,317	0,002	0,013	0,072	FALSE
0,009	0,303	0,000	0,007	0,016	FALSE
-0,043	0,314	-0,001	0,013	0,024	FALSE
0,049	0,306	0,001	0,007	0,064	FALSE
0,035	0,314	0,000	0,009	0,011	FALSE
-0,030	0,310	0,000	0,013	0,007	FALSE
-0,003	0,308	-0,002	0,012	0,054	FALSE
-0,027	0,314	-0,002	0,012	0,070	FALSE
0,028	0,291	0,000	0,012	0,002	FALSE
-0,053	0,308	-0,002	0,011	0,058	FALSE
0,033	0,310	0,001	0,008	0,035	FALSE
-0,027	0,293	0,000	0,010	0,013	FALSE
-0,095	0,307	-0,004	0,012	0,147	FALSE
-0,009	0,324	0,001	0,007	0,029	FALSE
-0,078	0,299	-0,003	0,009	0,116	FALSE
0,043	0,317	0,001	0,011	0,043	FALSE
0,087	0,317	0,003	0,012	0,095	FALSE
-0,036	0,320	-0,002	0,009	0,063	FALSE
0,051	0,301	0,001	0,007	0,054	FALSE
0,018	0,300	0,000	0,009	0,015	FALSE
-0,050	0,312	-0,002	0,012	0,052	FALSE
0,019	0,299	0,000	0,012	0,014	FALSE
-0,120	0,312	-0,003	0,008	0,142	FALSE
0,112	0,319	0,003	0,010	0,117	FALSE
-0,051	0,311	-0,002	0,013	0,044	FALSE
-0,046	0,308	-0,002	0,013	0,047	FALSE
-0,041	0,306	-0,002	0,012	0,050	FALSE
-0,031	0,312	-0,002	0,011	0,048	FALSE
0,013	0,311	0,000	0,012	0,005	FALSE
0,138	0,307	0,004	0,008	0,200	FALSE
-0,098	0,310	-0,002	0,009	0,088	FALSE
-0,027	0,306	-0,001	0,011	0,019	FALSE
-0,127	0,307	-0,004	0,011	0,171	FALSE
0,062	0,306	0,001	0,011	0,047	FALSE
-0,018	0,299	0,000	0,008	0,003	FALSE

0,119	0,320	0,004	0,014	0,129	FALSE
-0,066	0,302	-0,001	0,009	0,058	FALSE
0,004	0,307	0,000	0,006	0,017	FALSE
0,001	0,309	0,000	0,007	0,008	FALSE
-0,083	0,320	-0,002	0,011	0,084	FALSE
-0,038	0,306	-0,001	0,009	0,036	FALSE
0,107	0,311	0,003	0,009	0,142	FALSE
0,008	0,308	0,000	0,011	0,000	FALSE
0,046	0,302	0,001	0,007	0,038	FALSE
0,022	0,307	0,001	0,008	0,029	FALSE
-0,068	0,305	-0,002	0,008	0,069	FALSE
-0,046	0,311	-0,002	0,011	0,058	FALSE
0,015	0,303	0,001	0,008	0,056	FALSE
-0,065	0,306	-0,002	0,012	0,072	FALSE
-0,060	0,298	-0,001	0,007	0,052	FALSE
-0,058	0,308	-0,003	0,010	0,093	FALSE
-0,078	0,319	-0,003	0,012	0,107	FALSE
0,019	0,303	0,001	0,009	0,026	FALSE
0,009	0,322	0,000	0,012	0,010	FALSE
0,002	0,314	0,000	0,009	0,009	FALSE
-0,023	0,304	-0,001	0,006	0,044	FALSE
0,012	0,300	0,000	0,007	0,003	FALSE
-0,071	0,315	-0,002	0,013	0,072	FALSE
0,021	0,305	0,000	0,009	0,016	FALSE
0,071	0,329	0,003	0,013	0,097	FALSE
0,089	0,304	0,002	0,006	0,094	FALSE
-0,121	0,306	-0,003	0,012	0,101	FALSE
-0,166	0,288	-0,005	0,009	0,239	FALSE
-0,161	0,299	-0,005	0,010	0,241	FALSE
-0,025	0,310	-0,001	0,007	0,047	FALSE
-0,189	0,319	-0,005	0,008	0,262	FALSE
0,036	0,303	0,000	0,008	0,005	FALSE
0,030	0,301	0,001	0,012	0,030	FALSE
0,067	0,309	0,003	0,012	0,088	FALSE
-0,008	0,299	0,000	0,009	0,013	FALSE
-0,019	0,317	-0,001	0,011	0,042	FALSE
0,069	0,320	0,002	0,007	0,084	FALSE
0,034	0,312	0,001	0,012	0,019	FALSE
-0,110	0,302	-0,005	0,012	0,169	FALSE
0,145	0,316	0,006	0,013	0,187	FALSE
0,080	0,311	0,002	0,011	0,083	FALSE
0,119	0,313	0,005	0,011	0,201	FALSE
0,009	0,323	0,001	0,008	0,030	FALSE
0,139	0,303	0,003	0,007	0,196	FALSE
-0,113	0,312	-0,003	0,008	0,171	FALSE
-0,068	0,306	-0,002	0,010	0,056	FALSE
0,045	0,303	0,002	0,012	0,057	FALSE
0,075	0,310	0,002	0,008	0,086	FALSE
-0,057	0,308	-0,001	0,010	0,057	FALSE
0,164	0,298	0,006	0,011	0,255	FALSE
0,077	0,305	0,003	0,010	0,102	FALSE
0,102	0,293	0,003	0,009	0,134	FALSE
0,072	0,289	0,002	0,009	0,101	FALSE

0,108	0,290	0,003	0,009	0,150	FALSE
0,028	0,323	0,001	0,008	0,043	FALSE
0,108	0,295	0,003	0,007	0,148	FALSE
0,126	0,308	0,006	0,013	0,185	FALSE
-0,012	0,300	0,000	0,011	0,006	FALSE
-0,086	0,306	-0,003	0,011	0,101	FALSE
-0,007	0,305	0,000	0,006	0,016	FALSE
0,077	0,308	0,003	0,008	0,137	FALSE
0,069	0,306	0,002	0,006	0,124	FALSE
0,048	0,304	0,002	0,009	0,082	FALSE
0,013	0,307	0,000	0,012	0,004	FALSE
-0,090	0,310	-0,003	0,010	0,136	FALSE
0,016	0,316	0,000	0,012	0,010	FALSE
0,002	0,332	-0,001	0,013	0,028	FALSE
0,098	0,298	0,003	0,011	0,110	FALSE
0,007	0,298	0,000	0,009	0,007	FALSE
-0,122	0,317	-0,004	0,010	0,158	FALSE
0,144	0,295	0,004	0,007	0,218	FALSE
0,170	0,295	0,004	0,006	0,279	FALSE
-0,120	0,310	-0,004	0,010	0,163	FALSE
-0,148	0,319	-0,004	0,008	0,197	FALSE
0,047	0,315	0,002	0,013	0,047	FALSE
0,171	0,313	0,007	0,012	0,248	FALSE
-0,010	0,306	-0,001	0,012	0,021	FALSE
-0,066	0,307	-0,002	0,010	0,082	FALSE
-0,051	0,309	-0,001	0,009	0,062	FALSE
-0,075	0,304	-0,002	0,008	0,093	FALSE
-0,027	0,302	-0,001	0,009	0,028	FALSE
0,010	0,326	0,000	0,013	0,000	FALSE
-0,092	0,313	-0,003	0,008	0,159	FALSE
0,124	0,299	0,005	0,010	0,206	FALSE
0,010	0,310	0,000	0,013	0,011	FALSE
-0,063	0,313	-0,002	0,010	0,074	FALSE
-0,045	0,305	-0,002	0,010	0,065	FALSE
0,020	0,308	0,000	0,013	0,000	FALSE
0,045	0,308	0,002	0,013	0,054	FALSE
0,028	0,313	0,001	0,009	0,052	FALSE
-0,059	0,306	-0,002	0,007	0,084	FALSE
-0,050	0,315	-0,002	0,012	0,074	FALSE
0,113	0,290	0,005	0,009	0,200	FALSE
0,026	0,309	0,001	0,012	0,034	FALSE
0,081	0,300	0,004	0,011	0,138	FALSE
0,081	0,312	0,003	0,011	0,091	FALSE
0,092	0,313	0,004	0,011	0,129	FALSE
-0,015	0,317	-0,001	0,011	0,031	FALSE
-0,022	0,319	-0,001	0,011	0,032	FALSE
0,012	0,314	0,001	0,012	0,022	FALSE
-0,018	0,306	-0,001	0,010	0,023	FALSE
0,118	0,299	0,003	0,008	0,189	FALSE
0,107	0,307	0,003	0,007	0,157	FALSE
-0,050	0,298	-0,001	0,008	0,038	FALSE
-0,110	0,300	-0,002	0,007	0,118	FALSE
-0,032	0,296	-0,001	0,009	0,038	FALSE

-0,045	0,297	0,000	0,007	0,027	FALSE
0,020	0,299	0,000	0,006	0,027	FALSE
0,002	0,291	0,001	0,006	0,050	FALSE
-0,004	0,310	0,001	0,008	0,035	FALSE
-0,014	0,318	0,000	0,013	0,006	FALSE
-0,006	0,310	-0,001	0,013	0,015	FALSE
-0,085	0,307	-0,002	0,008	0,091	FALSE
0,099	0,290	0,003	0,006	0,201	FALSE
-0,055	0,307	-0,002	0,011	0,063	FALSE
0,078	0,308	0,002	0,007	0,104	FALSE
0,073	0,303	0,002	0,007	0,085	FALSE
-0,087	0,303	-0,002	0,009	0,104	FALSE
0,056	0,301	0,001	0,006	0,060	FALSE
0,075	0,303	0,001	0,006	0,075	FALSE
0,078	0,319	0,003	0,010	0,101	FALSE
0,032	0,315	0,001	0,010	0,033	FALSE
-0,010	0,311	0,000	0,006	0,012	FALSE
0,031	0,303	0,001	0,008	0,023	FALSE
0,038	0,311	0,001	0,011	0,025	FALSE
0,115	0,312	0,005	0,012	0,160	FALSE
0,097	0,314	0,004	0,013	0,131	FALSE
-0,077	0,312	-0,003	0,013	0,092	FALSE
0,143	0,284	0,005	0,012	0,183	FALSE
0,070	0,320	0,003	0,010	0,107	FALSE
-0,140	0,284	-0,003	0,007	0,170	FALSE
-0,088	0,306	-0,003	0,009	0,122	FALSE
0,057	0,300	0,001	0,006	0,083	FALSE
0,103	0,293	0,005	0,012	0,170	FALSE
0,044	0,308	0,001	0,007	0,052	FALSE
0,101	0,304	0,005	0,013	0,159	FALSE
0,038	0,305	0,001	0,012	0,044	FALSE
0,144	0,295	0,005	0,011	0,179	FALSE
-0,004	0,306	0,000	0,007	0,005	FALSE
-0,042	0,318	-0,001	0,007	0,051	FALSE
-0,083	0,322	-0,003	0,013	0,086	FALSE
0,062	0,303	0,002	0,009	0,095	FALSE
-0,051	0,321	-0,002	0,011	0,066	FALSE
0,036	0,308	0,002	0,012	0,054	FALSE
0,036	0,310	0,001	0,009	0,032	FALSE
0,125	0,307	0,003	0,008	0,164	FALSE
-0,112	0,291	-0,004	0,009	0,171	FALSE
0,155	0,293	0,007	0,012	0,228	FALSE
0,018	0,311	0,000	0,010	0,000	FALSE
0,106	0,298	0,005	0,011	0,186	FALSE
-0,023	0,312	0,000	0,007	0,003	FALSE
0,032	0,310	0,001	0,009	0,022	FALSE
0,051	0,308	0,003	0,012	0,082	FALSE
-0,069	0,322	-0,002	0,012	0,076	FALSE
-0,028	0,328	-0,001	0,012	0,024	FALSE
-0,056	0,312	-0,001	0,007	0,048	FALSE
-0,025	0,316	-0,001	0,011	0,040	FALSE
0,036	0,305	0,000	0,012	0,003	FALSE
-0,017	0,300	-0,001	0,011	0,033	FALSE

0,105	0,292	0,004	0,012	0,134	FALSE
-0,101	0,314	-0,004	0,012	0,137	FALSE
-0,104	0,298	-0,004	0,012	0,126	FALSE
-0,048	0,308	-0,002	0,009	0,065	FALSE
0,035	0,302	0,002	0,010	0,065	FALSE
-0,040	0,302	-0,001	0,008	0,066	FALSE
-0,006	0,310	-0,001	0,007	0,024	FALSE
0,063	0,321	0,002	0,007	0,101	FALSE
0,035	0,301	0,001	0,007	0,070	FALSE
0,024	0,309	0,001	0,007	0,053	FALSE
0,010	0,307	0,000	0,007	0,019	FALSE
0,126	0,299	0,004	0,012	0,133	FALSE
-0,132	0,313	-0,005	0,012	0,176	FALSE
-0,044	0,326	-0,001	0,011	0,039	FALSE
-0,057	0,309	-0,001	0,013	0,036	FALSE
-0,015	0,300	0,000	0,011	0,005	FALSE
0,024	0,312	0,001	0,012	0,039	FALSE
-0,102	0,305	-0,004	0,010	0,161	FALSE
-0,057	0,294	-0,002	0,012	0,078	FALSE
-0,003	0,314	0,000	0,009	0,017	FALSE
0,011	0,313	0,000	0,013	0,006	FALSE
0,008	0,311	0,001	0,008	0,025	FALSE
-0,042	0,312	-0,001	0,007	0,028	FALSE
-0,042	0,308	-0,001	0,009	0,040	FALSE
0,057	0,299	0,001	0,008	0,070	FALSE
0,119	0,304	0,003	0,007	0,141	FALSE
0,035	0,311	0,001	0,010	0,024	FALSE
-0,043	0,313	-0,001	0,008	0,053	FALSE
0,090	0,320	0,003	0,010	0,106	FALSE
-0,006	0,310	0,000	0,006	0,019	FALSE
0,039	0,308	0,001	0,007	0,036	FALSE
0,050	0,299	0,002	0,009	0,087	FALSE
-0,077	0,303	-0,002	0,008	0,116	FALSE
-0,127	0,320	-0,003	0,007	0,164	FALSE
0,023	0,295	0,001	0,009	0,039	FALSE
-0,003	0,304	-0,001	0,010	0,033	FALSE
0,081	0,306	0,002	0,012	0,071	FALSE
0,047	0,299	0,001	0,012	0,032	FALSE
-0,068	0,297	-0,004	0,012	0,139	FALSE
-0,042	0,309	-0,002	0,009	0,074	FALSE
0,109	0,299	0,002	0,008	0,113	FALSE
0,110	0,296	0,003	0,008	0,169	FALSE
-0,009	0,305	0,001	0,007	0,029	FALSE
-0,029	0,303	-0,001	0,011	0,028	FALSE
0,211	0,298	0,007	0,010	0,277	FALSE
-0,006	0,283	0,000	0,006	0,015	FALSE
0,065	0,306	0,002	0,013	0,048	FALSE
0,082	0,312	0,002	0,007	0,085	FALSE
0,052	0,299	0,001	0,010	0,052	FALSE
0,196	0,288	0,005	0,007	0,313	FALSE
-0,039	0,309	-0,002	0,013	0,060	FALSE
0,006	0,314	0,001	0,012	0,017	FALSE
-0,021	0,317	-0,001	0,011	0,032	FALSE

-0,071	0,309	-0,003	0,012	0,092	FALSE
-0,020	0,325	-0,001	0,012	0,029	FALSE
-0,003	0,309	0,000	0,010	0,008	FALSE
0,114	0,286	0,003	0,009	0,124	FALSE
-0,130	0,299	-0,004	0,010	0,163	FALSE
-0,066	0,314	-0,001	0,009	0,055	FALSE
0,065	0,318	0,002	0,008	0,109	FALSE
-0,044	0,309	-0,002	0,009	0,060	FALSE
0,078	0,290	0,001	0,008	0,049	FALSE
-0,009	0,305	-0,001	0,010	0,031	FALSE
-0,021	0,310	-0,001	0,011	0,027	FALSE
0,093	0,323	0,004	0,010	0,134	FALSE
0,088	0,307	0,003	0,010	0,126	FALSE
-0,070	0,311	-0,002	0,012	0,072	FALSE
0,030	0,299	0,003	0,013	0,074	FALSE
0,081	0,299	0,001	0,006	0,085	FALSE
-0,033	0,312	-0,001	0,007	0,042	FALSE
0,101	0,309	0,004	0,012	0,119	FALSE
-0,160	0,304	-0,006	0,011	0,239	FALSE
-0,088	0,324	-0,003	0,012	0,092	FALSE
0,073	0,321	0,002	0,008	0,081	FALSE
0,022	0,299	0,001	0,007	0,069	FALSE
0,010	0,315	0,000	0,011	0,012	FALSE
0,025	0,305	0,001	0,007	0,030	FALSE
0,130	0,309	0,003	0,008	0,150	FALSE
-0,123	0,307	-0,004	0,010	0,153	FALSE
-0,161	0,304	-0,007	0,012	0,253	FALSE
0,067	0,300	0,002	0,010	0,095	FALSE
-0,024	0,299	0,000	0,008	0,014	FALSE
0,057	0,310	0,002	0,008	0,089	FALSE
0,056	0,291	0,003	0,013	0,078	FALSE
-0,065	0,307	-0,001	0,007	0,065	FALSE
0,056	0,320	0,002	0,013	0,052	FALSE
-0,022	0,310	-0,001	0,012	0,034	FALSE
0,073	0,317	0,003	0,013	0,082	FALSE
0,173	0,311	0,005	0,010	0,228	FALSE
-0,028	0,303	0,000	0,006	0,027	FALSE
-0,157	0,293	-0,004	0,007	0,244	FALSE
0,106	0,307	0,003	0,007	0,175	FALSE
0,027	0,305	0,001	0,012	0,041	FALSE
0,101	0,305	0,003	0,012	0,096	FALSE
0,167	0,305	0,004	0,009	0,197	FALSE
-0,084	0,287	-0,004	0,012	0,147	FALSE
-0,116	0,310	-0,005	0,013	0,159	FALSE
0,020	0,299	0,001	0,010	0,042	FALSE
0,038	0,307	0,002	0,011	0,066	FALSE
-0,024	0,300	-0,001	0,010	0,026	FALSE
0,018	0,313	0,000	0,010	0,015	FALSE
0,005	0,306	0,000	0,007	0,011	FALSE
0,001	0,318	0,000	0,008	0,003	FALSE
0,066	0,302	0,003	0,009	0,118	FALSE
-0,009	0,306	0,000	0,009	0,018	FALSE
-0,033	0,304	-0,001	0,010	0,043	FALSE

0,000	0,297	0,000	0,009	0,009	FALSE
-0,008	0,305	0,000	0,009	0,008	FALSE
-0,021	0,303	0,000	0,007	0,017	FALSE
0,020	0,309	0,001	0,008	0,028	FALSE
-0,049	0,302	-0,001	0,007	0,058	FALSE
0,008	0,316	0,000	0,009	0,013	FALSE
0,047	0,295	0,001	0,012	0,043	FALSE
0,087	0,318	0,003	0,009	0,128	FALSE
-0,114	0,312	-0,002	0,007	0,117	FALSE
0,113	0,296	0,004	0,010	0,174	FALSE
-0,021	0,304	0,000	0,010	0,000	FALSE
-0,051	0,306	-0,001	0,007	0,045	FALSE
0,025	0,306	0,001	0,011	0,026	FALSE
0,101	0,289	0,002	0,006	0,096	FALSE
0,004	0,304	0,000	0,012	0,005	FALSE
-0,096	0,299	-0,003	0,012	0,108	FALSE
-0,093	0,308	-0,002	0,008	0,111	FALSE
-0,051	0,301	-0,002	0,011	0,068	FALSE
-0,105	0,301	-0,005	0,012	0,152	FALSE
-0,130	0,308	-0,003	0,007	0,170	FALSE
-0,060	0,290	-0,001	0,006	0,046	FALSE
-0,053	0,313	-0,001	0,007	0,031	FALSE
0,096	0,316	0,002	0,007	0,133	FALSE
0,059	0,320	0,002	0,013	0,052	FALSE
0,058	0,307	0,002	0,012	0,053	FALSE
-0,132	0,309	-0,006	0,013	0,207	FALSE
-0,163	0,300	-0,003	0,006	0,213	FALSE
-0,017	0,295	-0,001	0,007	0,048	FALSE
0,041	0,311	0,001	0,008	0,059	FALSE
-0,083	0,314	-0,003	0,010	0,120	FALSE
-0,002	0,311	0,000	0,008	0,002	FALSE
-0,057	0,307	-0,002	0,008	0,093	FALSE
0,009	0,319	0,001	0,009	0,028	FALSE
-0,019	0,311	0,000	0,010	0,014	FALSE
0,006	0,304	0,000	0,007	0,009	FALSE
0,104	0,308	0,005	0,013	0,155	FALSE
0,001	0,306	0,000	0,006	0,007	FALSE
-0,102	0,307	-0,003	0,008	0,126	FALSE
-0,033	0,297	-0,001	0,007	0,050	FALSE
0,098	0,314	0,002	0,007	0,130	FALSE
0,199	0,316	0,006	0,009	0,277	FALSE
-0,048	0,307	-0,001	0,007	0,040	FALSE
-0,092	0,294	-0,004	0,012	0,146	FALSE
0,014	0,309	0,000	0,007	0,001	FALSE
0,000	0,313	0,000	0,008	0,010	FALSE
0,018	0,306	0,001	0,011	0,030	FALSE
0,015	0,321	0,000	0,013	0,013	FALSE
0,005	0,304	0,000	0,009	0,019	FALSE
0,021	0,301	0,000	0,008	0,016	FALSE
-0,066	0,293	-0,001	0,006	0,089	FALSE
-0,078	0,320	-0,001	0,007	0,085	FALSE
-0,081	0,314	-0,001	0,006	0,090	FALSE
-0,088	0,303	-0,004	0,013	0,111	FALSE

-0,091	0,307	-0,003	0,009	0,108	FALSE
-0,013	0,306	0,000	0,007	0,021	FALSE
0,079	0,318	0,003	0,011	0,107	FALSE
0,039	0,307	0,001	0,010	0,048	FALSE
-0,037	0,307	-0,003	0,011	0,090	FALSE
-0,061	0,319	-0,003	0,013	0,078	FALSE
0,083	0,310	0,003	0,009	0,139	FALSE
0,095	0,319	0,004	0,013	0,119	FALSE
-0,091	0,306	-0,002	0,007	0,124	FALSE
0,033	0,298	0,002	0,009	0,078	FALSE
-0,014	0,305	0,000	0,007	0,012	FALSE
-0,058	0,307	-0,001	0,007	0,068	FALSE
0,048	0,301	0,002	0,012	0,053	FALSE
-0,153	0,294	-0,006	0,012	0,211	FALSE
-0,058	0,313	-0,002	0,010	0,077	FALSE
-0,004	0,314	0,000	0,008	0,019	FALSE
-0,112	0,303	-0,003	0,007	0,181	FALSE
0,019	0,300	0,000	0,012	0,008	FALSE
0,075	0,311	0,002	0,011	0,082	FALSE
-0,160	0,304	-0,007	0,013	0,219	FALSE
0,163	0,303	0,005	0,009	0,251	FALSE
-0,063	0,296	-0,002	0,008	0,097	FALSE
-0,067	0,309	-0,002	0,008	0,072	FALSE
-0,008	0,311	0,000	0,007	0,017	FALSE
-0,128	0,296	-0,004	0,010	0,172	FALSE
-0,052	0,311	-0,001	0,012	0,045	FALSE
-0,063	0,315	-0,002	0,008	0,079	FALSE
-0,077	0,310	-0,001	0,008	0,055	FALSE
0,018	0,310	0,001	0,009	0,034	FALSE
0,028	0,311	0,001	0,007	0,034	FALSE
-0,065	0,301	-0,002	0,007	0,100	FALSE
-0,045	0,293	-0,001	0,011	0,045	FALSE
0,068	0,299	0,002	0,008	0,087	FALSE
-0,128	0,308	-0,003	0,007	0,177	FALSE
-0,119	0,297	-0,004	0,010	0,183	FALSE
0,065	0,299	0,002	0,012	0,055	FALSE
-0,042	0,321	-0,002	0,009	0,060	FALSE
-0,099	0,313	-0,004	0,011	0,121	FALSE
0,130	0,311	0,004	0,008	0,200	FALSE
0,110	0,306	0,003	0,007	0,184	FALSE
0,127	0,295	0,003	0,008	0,141	FALSE
0,057	0,315	0,001	0,010	0,048	FALSE
0,130	0,296	0,005	0,011	0,184	FALSE
0,013	0,307	0,000	0,008	0,000	FALSE
0,081	0,323	0,001	0,007	0,077	FALSE
0,005	0,313	-0,001	0,010	0,022	FALSE
0,061	0,309	0,002	0,010	0,071	FALSE
-0,003	0,293	0,001	0,008	0,031	FALSE
0,047	0,298	0,003	0,012	0,084	FALSE
-0,035	0,319	-0,001	0,013	0,017	FALSE
-0,004	0,305	0,000	0,009	0,005	FALSE
-0,025	0,313	-0,001	0,007	0,047	FALSE
0,011	0,333	0,000	0,009	0,008	FALSE

-0,114	0,306	-0,003	0,007	0,147	FALSE
0,021	0,299	0,001	0,007	0,054	FALSE
0,083	0,294	0,002	0,006	0,134	FALSE
0,109	0,310	0,004	0,012	0,130	FALSE
0,031	0,304	0,000	0,007	0,001	FALSE
0,062	0,306	0,004	0,013	0,137	FALSE
0,055	0,301	0,001	0,008	0,054	FALSE
0,023	0,314	0,000	0,008	0,004	FALSE
-0,023	0,314	-0,001	0,009	0,047	FALSE
-0,020	0,306	0,000	0,008	0,011	FALSE
-0,071	0,308	-0,002	0,008	0,088	FALSE
-0,067	0,313	-0,001	0,007	0,070	FALSE
-0,081	0,303	-0,002	0,010	0,079	FALSE
0,008	0,313	0,000	0,012	0,002	FALSE
0,099	0,298	0,003	0,007	0,172	FALSE
-0,095	0,307	-0,003	0,010	0,097	FALSE
0,028	0,310	0,002	0,012	0,048	FALSE
-0,042	0,325	-0,001	0,008	0,041	FALSE
-0,087	0,296	-0,003	0,012	0,110	FALSE
0,101	0,304	0,005	0,012	0,157	FALSE
-0,104	0,317	-0,004	0,011	0,134	FALSE
0,087	0,303	0,002	0,011	0,082	FALSE
-0,033	0,306	-0,002	0,010	0,071	FALSE
-0,038	0,311	-0,002	0,007	0,084	FALSE
-0,034	0,287	-0,001	0,008	0,064	FALSE
-0,024	0,307	-0,001	0,009	0,022	FALSE
-0,019	0,303	0,000	0,012	0,012	FALSE
-0,039	0,315	-0,002	0,010	0,059	FALSE
-0,060	0,310	-0,001	0,010	0,039	FALSE
-0,088	0,288	-0,004	0,012	0,143	FALSE
0,015	0,321	0,001	0,008	0,040	FALSE
-0,033	0,313	-0,001	0,012	0,040	FALSE
-0,136	0,289	-0,005	0,012	0,174	FALSE
0,056	0,287	0,003	0,009	0,112	FALSE
0,050	0,283	0,002	0,008	0,109	FALSE
0,032	0,304	0,001	0,007	0,076	FALSE
-0,002	0,312	0,000	0,007	0,020	FALSE
0,118	0,310	0,006	0,013	0,207	FALSE
-0,011	0,313	-0,001	0,010	0,037	FALSE
-0,037	0,307	-0,001	0,012	0,026	FALSE
-0,043	0,307	-0,001	0,008	0,036	FALSE
-0,138	0,317	-0,003	0,008	0,152	FALSE
0,031	0,302	0,001	0,013	0,014	FALSE
0,069	0,318	0,002	0,013	0,061	FALSE
0,048	0,317	0,002	0,013	0,044	FALSE
0,025	0,314	0,001	0,010	0,018	FALSE
0,098	0,309	0,004	0,011	0,154	FALSE
-0,056	0,320	-0,001	0,007	0,050	FALSE
0,027	0,311	0,001	0,010	0,020	FALSE
-0,076	0,299	-0,002	0,008	0,119	FALSE
-0,151	0,304	-0,003	0,007	0,203	FALSE
-0,056	0,321	-0,002	0,011	0,056	FALSE
-0,097	0,319	-0,004	0,012	0,123	FALSE

0,106	0,304	0,002	0,007	0,143	FALSE
-0,044	0,309	-0,001	0,007	0,036	FALSE
-0,033	0,317	-0,001	0,007	0,050	FALSE
0,122	0,312	0,003	0,008	0,188	FALSE
-0,032	0,317	-0,001	0,009	0,041	FALSE
0,141	0,300	0,004	0,008	0,234	FALSE
-0,044	0,296	-0,001	0,007	0,046	FALSE
-0,105	0,313	-0,003	0,008	0,155	FALSE
0,074	0,305	0,002	0,008	0,110	FALSE
-0,008	0,316	0,000	0,009	0,016	FALSE
-0,015	0,300	0,000	0,009	0,006	FALSE
0,002	0,306	-0,001	0,007	0,028	FALSE
0,057	0,313	0,003	0,013	0,084	FALSE
0,226	0,292	0,006	0,008	0,353	FALSE
-0,048	0,323	-0,002	0,008	0,073	FALSE
-0,076	0,302	-0,003	0,013	0,105	FALSE
0,070	0,302	0,002	0,008	0,082	FALSE
0,061	0,303	0,002	0,010	0,083	FALSE
-0,060	0,301	-0,002	0,008	0,085	FALSE
-0,001	0,309	0,000	0,006	0,003	FALSE
0,018	0,310	0,000	0,007	0,013	FALSE
-0,090	0,308	-0,002	0,008	0,095	FALSE
-0,043	0,312	-0,001	0,009	0,040	FALSE
0,013	0,314	0,001	0,008	0,037	FALSE
-0,049	0,324	-0,002	0,012	0,052	FALSE
-0,042	0,309	-0,001	0,012	0,042	FALSE
0,076	0,308	0,002	0,012	0,061	FALSE
-0,036	0,296	-0,003	0,012	0,092	FALSE
-0,008	0,301	-0,001	0,009	0,045	FALSE
0,000	0,299	0,000	0,009	0,012	FALSE
0,018	0,313	0,001	0,010	0,030	FALSE
0,001	0,307	0,000	0,009	0,013	FALSE
0,000	0,313	0,000	0,007	0,009	FALSE
0,038	0,314	0,000	0,008	0,023	FALSE
-0,079	0,322	-0,002	0,008	0,080	FALSE
-0,060	0,303	-0,003	0,013	0,092	FALSE
0,028	0,305	0,001	0,011	0,020	FALSE
0,113	0,305	0,003	0,007	0,198	FALSE
0,039	0,305	0,001	0,008	0,057	FALSE
-0,074	0,302	-0,004	0,011	0,126	FALSE
0,029	0,316	0,001	0,011	0,020	FALSE
-0,088	0,305	-0,004	0,012	0,134	FALSE
0,068	0,302	0,003	0,010	0,112	FALSE
0,050	0,300	0,001	0,007	0,050	FALSE
-0,061	0,308	-0,002	0,013	0,056	FALSE
0,035	0,305	0,002	0,008	0,083	FALSE
0,134	0,289	0,006	0,012	0,209	FALSE
0,010	0,314	0,000	0,008	0,000	FALSE
0,040	0,310	0,002	0,011	0,054	FALSE
-0,009	0,311	-0,001	0,009	0,041	FALSE
0,006	0,301	0,000	0,008	0,012	FALSE
-0,125	0,278	-0,002	0,006	0,139	FALSE
0,088	0,297	0,002	0,006	0,142	FALSE

0,037	0,317	0,002	0,013	0,051	FALSE
0,041	0,311	0,001	0,009	0,037	FALSE
0,144	0,315	0,005	0,011	0,178	FALSE
-0,075	0,310	-0,002	0,008	0,100	FALSE
0,002	0,305	-0,001	0,012	0,015	FALSE
-0,050	0,312	-0,001	0,012	0,041	FALSE
0,071	0,312	0,002	0,007	0,081	FALSE
0,011	0,306	-0,001	0,009	0,027	FALSE
-0,029	0,313	-0,002	0,013	0,050	FALSE
0,022	0,300	0,001	0,009	0,032	FALSE
0,010	0,321	0,001	0,011	0,017	FALSE
0,120	0,310	0,003	0,010	0,143	FALSE
-0,076	0,322	-0,002	0,007	0,086	FALSE
0,007	0,308	0,001	0,007	0,035	FALSE
0,064	0,311	0,003	0,009	0,113	FALSE
-0,007	0,314	0,000	0,009	0,002	FALSE
-0,002	0,307	0,000	0,009	0,002	FALSE
-0,002	0,311	0,000	0,009	0,004	FALSE
0,023	0,309	0,001	0,009	0,026	FALSE
0,085	0,303	0,003	0,011	0,091	FALSE
0,050	0,302	0,002	0,008	0,067	FALSE
-0,057	0,297	-0,002	0,007	0,102	FALSE
0,054	0,313	0,002	0,013	0,051	FALSE
-0,010	0,323	-0,001	0,012	0,022	FALSE
-0,128	0,312	-0,003	0,008	0,161	FALSE
0,081	0,302	0,003	0,009	0,120	FALSE
-0,108	0,309	-0,004	0,011	0,141	FALSE
-0,026	0,308	-0,001	0,009	0,028	FALSE
-0,044	0,311	-0,001	0,009	0,049	FALSE
-0,002	0,300	0,000	0,008	0,013	FALSE
0,118	0,296	0,003	0,008	0,145	FALSE
-0,074	0,327	-0,003	0,013	0,092	FALSE
-0,108	0,312	-0,005	0,013	0,160	FALSE
-0,038	0,309	-0,002	0,009	0,062	FALSE
0,077	0,311	0,002	0,010	0,079	FALSE
-0,093	0,303	-0,002	0,008	0,105	FALSE
-0,100	0,287	-0,002	0,007	0,119	FALSE
0,103	0,303	0,002	0,007	0,108	FALSE
-0,145	0,311	-0,006	0,011	0,217	FALSE
0,010	0,305	0,001	0,011	0,046	FALSE
-0,070	0,301	-0,003	0,012	0,080	FALSE
-0,016	0,292	0,000	0,011	0,001	FALSE
-0,155	0,304	-0,003	0,007	0,198	FALSE
-0,056	0,300	-0,001	0,010	0,054	FALSE
0,116	0,292	0,003	0,010	0,128	FALSE
-0,016	0,322	-0,001	0,011	0,028	FALSE
-0,035	0,300	0,000	0,009	0,013	FALSE
0,106	0,314	0,004	0,012	0,111	FALSE
0,137	0,289	0,004	0,010	0,177	FALSE
-0,138	0,297	-0,004	0,008	0,172	FALSE
0,092	0,316	0,003	0,013	0,080	FALSE
0,116	0,279	0,003	0,009	0,140	FALSE
0,062	0,314	0,001	0,008	0,051	FALSE

-0,114	0,321	-0,002	0,007	0,126	FALSE
0,061	0,304	0,002	0,008	0,102	FALSE
-0,068	0,303	-0,001	0,007	0,078	FALSE
-0,039	0,297	-0,002	0,010	0,084	FALSE
-0,028	0,311	0,000	0,010	0,014	FALSE
-0,007	0,324	0,000	0,010	0,016	FALSE
-0,158	0,305	-0,006	0,011	0,217	FALSE
-0,154	0,299	-0,005	0,010	0,221	FALSE
0,156	0,289	0,006	0,012	0,189	FALSE
0,025	0,307	0,000	0,007	0,008	FALSE
-0,081	0,304	-0,002	0,007	0,097	FALSE
-0,041	0,319	-0,002	0,009	0,069	FALSE
0,080	0,312	0,003	0,013	0,098	FALSE
-0,083	0,304	-0,003	0,012	0,086	FALSE
-0,128	0,305	-0,004	0,011	0,156	FALSE
-0,008	0,309	0,000	0,008	0,015	FALSE
0,001	0,305	0,001	0,011	0,024	FALSE
0,019	0,295	0,001	0,009	0,031	FALSE
-0,042	0,314	-0,002	0,011	0,060	FALSE
0,037	0,300	0,002	0,009	0,073	FALSE
-0,054	0,299	0,000	0,012	0,014	FALSE
-0,011	0,309	0,000	0,013	0,004	FALSE
-0,095	0,297	-0,003	0,010	0,107	FALSE
-0,031	0,309	0,000	0,013	0,010	FALSE
-0,078	0,310	-0,002	0,007	0,102	FALSE
-0,078	0,309	-0,003	0,010	0,105	FALSE
-0,108	0,301	-0,003	0,011	0,121	FALSE
0,083	0,301	0,003	0,011	0,106	FALSE
-0,079	0,299	-0,003	0,010	0,103	FALSE
-0,005	0,300	0,000	0,007	0,003	FALSE
-0,009	0,293	0,000	0,007	0,001	FALSE
0,207	0,289	0,009	0,011	0,375	FALSE
0,090	0,308	0,003	0,012	0,096	FALSE
-0,045	0,301	-0,001	0,010	0,042	FALSE
-0,099	0,303	-0,004	0,011	0,131	FALSE
0,100	0,317	0,004	0,011	0,124	FALSE
0,113	0,301	0,003	0,007	0,149	FALSE
0,120	0,309	0,004	0,010	0,167	FALSE
0,001	0,308	0,000	0,008	0,005	FALSE
-0,169	0,293	-0,004	0,008	0,215	FALSE
-0,110	0,315	-0,003	0,008	0,125	FALSE
-0,135	0,301	-0,003	0,008	0,158	FALSE
0,011	0,309	0,000	0,011	0,004	FALSE
-0,049	0,315	-0,001	0,008	0,056	FALSE
-0,066	0,309	-0,003	0,012	0,083	FALSE
0,016	0,309	0,001	0,008	0,040	FALSE
-0,070	0,308	-0,003	0,011	0,124	FALSE
-0,055	0,300	-0,003	0,010	0,118	FALSE
0,042	0,314	0,002	0,010	0,061	FALSE
0,041	0,299	0,001	0,010	0,030	FALSE
0,053	0,311	0,002	0,009	0,087	FALSE
-0,023	0,314	-0,001	0,013	0,036	FALSE
0,147	0,304	0,004	0,007	0,204	FALSE

-0,180	0,299	-0,008	0,013	0,268	FALSE
0,012	0,316	0,001	0,008	0,029	FALSE
-0,122	0,310	-0,006	0,013	0,178	FALSE
-0,021	0,304	0,000	0,008	0,009	FALSE
-0,033	0,302	-0,002	0,012	0,057	FALSE
-0,030	0,306	-0,002	0,011	0,052	FALSE
0,010	0,294	0,000	0,012	0,007	FALSE
-0,016	0,318	0,000	0,008	0,017	FALSE
-0,031	0,296	-0,002	0,010	0,062	FALSE
0,139	0,301	0,004	0,010	0,162	FALSE
0,049	0,317	0,002	0,013	0,067	FALSE
-0,138	0,297	-0,004	0,010	0,175	FALSE
-0,152	0,301	-0,005	0,010	0,203	FALSE
0,082	0,305	0,003	0,010	0,115	FALSE
-0,029	0,313	0,000	0,008	0,018	FALSE
0,109	0,304	0,004	0,013	0,128	FALSE
-0,005	0,303	0,000	0,013	0,008	FALSE
0,066	0,305	0,002	0,010	0,081	FALSE
-0,013	0,328	0,000	0,010	0,012	FALSE
0,021	0,309	0,001	0,009	0,030	FALSE
-0,178	0,284	-0,006	0,009	0,286	FALSE
-0,055	0,292	-0,001	0,008	0,069	FALSE
-0,146	0,298	-0,005	0,010	0,189	FALSE
0,002	0,303	0,001	0,012	0,027	FALSE
-0,074	0,306	-0,003	0,010	0,118	FALSE
0,042	0,301	0,001	0,007	0,069	FALSE
0,017	0,311	0,000	0,007	0,015	FALSE
0,064	0,305	0,002	0,008	0,105	FALSE
0,043	0,318	0,001	0,010	0,038	FALSE
0,072	0,316	0,002	0,010	0,061	FALSE
-0,012	0,309	0,000	0,007	0,006	FALSE
-0,009	0,300	-0,001	0,008	0,028	FALSE
0,020	0,317	0,001	0,012	0,022	FALSE
0,015	0,303	0,000	0,006	0,018	FALSE
0,082	0,305	0,002	0,012	0,067	FALSE
-0,019	0,309	-0,001	0,010	0,047	FALSE
0,129	0,288	0,004	0,010	0,156	FALSE
0,045	0,325	0,002	0,011	0,057	FALSE
0,119	0,286	0,003	0,006	0,166	FALSE
-0,026	0,308	-0,001	0,007	0,035	FALSE
-0,130	0,299	-0,005	0,012	0,172	FALSE
-0,049	0,309	-0,002	0,011	0,054	FALSE
0,016	0,319	0,001	0,008	0,029	FALSE
0,000	0,311	0,000	0,012	0,004	FALSE
-0,010	0,308	0,000	0,010	0,011	FALSE
-0,030	0,302	-0,001	0,008	0,032	FALSE
-0,070	0,307	-0,002	0,009	0,090	FALSE
-0,123	0,307	-0,003	0,007	0,182	FALSE
0,005	0,309	0,001	0,011	0,029	FALSE
0,051	0,303	0,002	0,008	0,079	FALSE
-0,052	0,304	-0,002	0,012	0,064	FALSE
-0,036	0,308	-0,001	0,010	0,047	FALSE
0,097	0,298	0,004	0,012	0,126	FALSE

-0,054	0,300	-0,003	0,011	0,087	FALSE
0,075	0,302	0,002	0,009	0,076	FALSE
-0,045	0,315	-0,001	0,007	0,039	FALSE
-0,085	0,314	-0,002	0,008	0,086	FALSE
-0,155	0,307	-0,005	0,010	0,219	FALSE
-0,080	0,322	-0,003	0,010	0,113	FALSE
-0,034	0,330	-0,001	0,011	0,037	FALSE
0,029	0,318	0,000	0,007	0,013	FALSE
-0,033	0,314	-0,001	0,007	0,044	FALSE
-0,012	0,305	0,000	0,007	0,020	FALSE
0,113	0,310	0,004	0,012	0,119	FALSE
0,006	0,321	0,000	0,007	0,007	FALSE
-0,037	0,302	-0,001	0,008	0,046	FALSE
0,010	0,302	0,000	0,013	0,007	FALSE
-0,048	0,322	-0,002	0,013	0,043	FALSE
0,066	0,295	0,002	0,009	0,088	FALSE
-0,018	0,310	0,000	0,008	0,006	FALSE
0,086	0,297	0,003	0,010	0,131	FALSE
0,107	0,304	0,003	0,011	0,114	FALSE
-0,120	0,311	-0,004	0,012	0,151	FALSE
0,114	0,314	0,004	0,010	0,161	FALSE
-0,047	0,314	-0,001	0,008	0,046	FALSE
0,034	0,330	0,001	0,011	0,043	FALSE
-0,070	0,303	-0,002	0,008	0,116	FALSE
0,035	0,306	0,001	0,008	0,046	FALSE
0,124	0,305	0,004	0,010	0,158	FALSE
-0,029	0,313	-0,001	0,012	0,026	FALSE
0,111	0,311	0,004	0,012	0,140	FALSE
0,043	0,307	0,000	0,007	0,011	FALSE
-0,070	0,306	-0,003	0,010	0,100	FALSE
0,058	0,297	0,001	0,006	0,077	FALSE
-0,050	0,312	-0,002	0,011	0,072	FALSE
-0,001	0,301	-0,001	0,007	0,038	FALSE
-0,120	0,303	-0,002	0,007	0,137	FALSE
-0,030	0,324	-0,001	0,009	0,049	FALSE
-0,064	0,319	-0,001	0,008	0,059	FALSE
0,081	0,312	0,002	0,010	0,090	FALSE
0,120	0,292	0,003	0,008	0,145	FALSE
-0,117	0,303	-0,004	0,009	0,162	FALSE
0,153	0,307	0,003	0,007	0,200	FALSE
-0,054	0,274	-0,001	0,006	0,091	FALSE
-0,054	0,312	-0,002	0,013	0,067	FALSE
0,011	0,315	0,001	0,009	0,056	FALSE
-0,028	0,310	-0,001	0,010	0,040	FALSE
-0,016	0,305	-0,001	0,012	0,021	FALSE
0,093	0,309	0,004	0,013	0,106	FALSE
0,057	0,306	0,002	0,013	0,048	FALSE
-0,022	0,323	0,000	0,011	0,014	FALSE
-0,053	0,313	-0,002	0,012	0,072	FALSE
0,028	0,292	0,000	0,009	0,015	FALSE
-0,046	0,307	-0,001	0,012	0,038	FALSE
-0,007	0,300	0,000	0,011	0,009	FALSE
-0,038	0,305	-0,001	0,012	0,039	FALSE

0,123	0,304	0,002	0,008	0,123	FALSE
-0,013	0,310	-0,001	0,013	0,017	FALSE
-0,069	0,306	-0,002	0,007	0,089	FALSE
-0,009	0,302	0,000	0,009	0,001	FALSE
0,021	0,294	0,001	0,011	0,021	FALSE
-0,035	0,319	-0,002	0,010	0,059	FALSE
-0,001	0,295	-0,001	0,011	0,046	FALSE
0,011	0,312	0,001	0,009	0,027	FALSE
0,068	0,309	0,002	0,007	0,089	FALSE
-0,051	0,320	-0,002	0,009	0,067	FALSE
-0,025	0,314	-0,001	0,013	0,038	FALSE
-0,007	0,317	0,000	0,009	0,019	FALSE
0,134	0,308	0,003	0,007	0,182	FALSE
-0,142	0,318	-0,003	0,007	0,167	FALSE
0,072	0,310	0,001	0,006	0,059	FALSE
0,009	0,311	0,000	0,009	0,003	FALSE
-0,046	0,314	-0,001	0,011	0,030	FALSE
-0,032	0,310	-0,001	0,007	0,051	FALSE
0,061	0,296	0,001	0,009	0,040	FALSE
0,034	0,308	0,000	0,012	0,005	FALSE
0,016	0,308	0,000	0,013	0,012	FALSE
-0,030	0,299	0,000	0,009	0,008	FALSE
0,035	0,305	0,001	0,013	0,022	FALSE
0,077	0,305	0,003	0,011	0,100	FALSE
0,117	0,310	0,004	0,011	0,142	FALSE
0,077	0,312	0,003	0,012	0,109	FALSE
0,052	0,301	0,001	0,010	0,049	FALSE
-0,040	0,308	-0,001	0,010	0,055	FALSE
-0,153	0,303	-0,006	0,011	0,223	FALSE
0,138	0,303	0,005	0,010	0,209	FALSE
-0,052	0,302	-0,001	0,008	0,037	FALSE
-0,043	0,294	-0,001	0,009	0,031	FALSE
-0,012	0,310	0,000	0,006	0,006	FALSE
-0,057	0,305	-0,001	0,007	0,046	FALSE
-0,067	0,309	-0,001	0,008	0,054	FALSE
0,062	0,309	0,001	0,007	0,084	FALSE
0,013	0,289	0,001	0,012	0,043	FALSE
-0,019	0,301	-0,001	0,012	0,019	FALSE
0,157	0,304	0,005	0,009	0,242	FALSE
0,179	0,302	0,006	0,009	0,270	FALSE
-0,052	0,298	-0,001	0,007	0,056	FALSE
-0,054	0,298	-0,001	0,007	0,057	FALSE
0,146	0,305	0,003	0,008	0,156	FALSE
-0,042	0,290	-0,001	0,006	0,033	FALSE
-0,046	0,309	-0,001	0,007	0,050	FALSE
0,074	0,306	0,001	0,006	0,082	FALSE
-0,015	0,308	-0,001	0,012	0,032	FALSE
0,072	0,306	0,003	0,012	0,112	FALSE
-0,067	0,286	-0,002	0,006	0,090	FALSE
-0,051	0,299	-0,001	0,007	0,053	FALSE
0,084	0,300	0,002	0,008	0,091	FALSE
-0,111	0,287	-0,003	0,009	0,125	FALSE
0,037	0,323	0,001	0,008	0,045	FALSE

-0,001	0,307	0,000	0,009	0,011	FALSE
0,025	0,321	0,001	0,009	0,021	FALSE
0,024	0,310	0,001	0,009	0,051	FALSE
0,071	0,299	0,002	0,007	0,102	FALSE
-0,093	0,313	-0,003	0,009	0,130	FALSE
-0,058	0,319	-0,001	0,006	0,076	FALSE
0,210	0,299	0,007	0,011	0,282	FALSE
-0,135	0,302	-0,003	0,008	0,174	FALSE
-0,077	0,311	-0,002	0,011	0,082	FALSE
-0,076	0,309	-0,004	0,011	0,138	FALSE
0,078	0,300	0,003	0,011	0,096	FALSE
0,131	0,307	0,005	0,012	0,181	FALSE
0,000	0,312	0,000	0,007	0,014	FALSE
0,003	0,315	0,001	0,013	0,025	FALSE
0,127	0,304	0,004	0,011	0,156	FALSE
0,064	0,314	0,002	0,007	0,085	FALSE
0,089	0,308	0,003	0,013	0,100	FALSE
-0,062	0,297	-0,002	0,007	0,078	FALSE
-0,118	0,306	-0,003	0,009	0,125	FALSE
0,005	0,316	0,000	0,011	0,004	FALSE
-0,071	0,293	-0,002	0,007	0,092	FALSE
0,027	0,325	0,001	0,010	0,049	FALSE
0,064	0,304	0,002	0,011	0,071	FALSE
-0,013	0,308	0,000	0,009	0,011	FALSE
-0,009	0,305	-0,001	0,012	0,024	FALSE
0,068	0,307	0,002	0,009	0,099	FALSE
-0,022	0,311	-0,001	0,009	0,026	FALSE
-0,009	0,300	0,000	0,009	0,007	FALSE
-0,054	0,314	-0,002	0,013	0,056	FALSE
0,023	0,304	0,000	0,007	0,017	FALSE
0,015	0,292	0,001	0,009	0,038	FALSE
-0,016	0,310	-0,001	0,006	0,038	FALSE
0,032	0,326	0,001	0,012	0,040	FALSE
-0,056	0,308	-0,001	0,008	0,059	FALSE
-0,085	0,304	-0,002	0,008	0,086	FALSE
-0,026	0,316	0,000	0,009	0,004	FALSE
-0,002	0,308	0,000	0,008	0,003	FALSE
0,147	0,299	0,004	0,009	0,181	FALSE
0,052	0,307	0,002	0,007	0,084	FALSE
-0,085	0,316	-0,003	0,013	0,088	FALSE
-0,014	0,311	0,000	0,007	0,005	FALSE
-0,042	0,302	-0,001	0,007	0,041	FALSE
-0,092	0,311	-0,002	0,008	0,108	FALSE
-0,101	0,297	-0,002	0,008	0,121	FALSE
0,050	0,310	0,001	0,006	0,065	FALSE
0,178	0,295	0,004	0,007	0,246	FALSE
0,183	0,302	0,006	0,010	0,279	FALSE
0,149	0,307	0,003	0,009	0,144	FALSE
-0,070	0,297	-0,002	0,006	0,092	FALSE
-0,081	0,295	-0,002	0,006	0,106	FALSE
0,005	0,298	0,000	0,010	0,012	FALSE
-0,008	0,319	0,000	0,007	0,010	FALSE
0,000	0,301	-0,001	0,006	0,041	FALSE

-0,063	0,304	-0,002	0,009	0,066	FALSE
-0,024	0,298	-0,001	0,011	0,022	FALSE
-0,009	0,301	0,000	0,008	0,021	FALSE
0,102	0,306	0,002	0,007	0,138	FALSE
0,083	0,296	0,002	0,006	0,129	FALSE
0,140	0,307	0,006	0,013	0,177	FALSE
-0,066	0,314	-0,002	0,012	0,065	FALSE
-0,001	0,314	-0,001	0,012	0,015	FALSE
-0,132	0,304	-0,002	0,008	0,129	FALSE
0,051	0,310	0,002	0,012	0,067	FALSE
0,002	0,317	0,000	0,008	0,013	FALSE
-0,020	0,312	-0,001	0,011	0,031	FALSE
0,165	0,310	0,003	0,006	0,222	FALSE
0,023	0,303	0,001	0,008	0,029	FALSE
0,190	0,300	0,008	0,012	0,287	FALSE
-0,093	0,312	-0,003	0,011	0,108	FALSE
0,020	0,294	0,001	0,007	0,035	FALSE
0,031	0,313	0,002	0,011	0,058	FALSE
0,092	0,292	0,003	0,010	0,125	FALSE
0,001	0,318	0,001	0,012	0,017	FALSE
-0,033	0,316	-0,001	0,011	0,022	FALSE
-0,124	0,316	-0,004	0,013	0,142	FALSE
0,011	0,308	-0,001	0,013	0,017	FALSE
0,068	0,308	0,002	0,011	0,080	FALSE
-0,045	0,298	-0,001	0,007	0,059	FALSE
0,001	0,304	0,001	0,011	0,022	FALSE
0,129	0,307	0,003	0,009	0,153	FALSE
0,011	0,319	0,000	0,011	0,014	FALSE
0,141	0,304	0,005	0,010	0,190	FALSE
0,004	0,310	0,000	0,012	0,006	FALSE
0,057	0,302	0,001	0,009	0,060	FALSE
-0,009	0,313	0,000	0,007	0,006	FALSE
0,024	0,315	0,001	0,007	0,024	FALSE
-0,003	0,311	0,000	0,009	0,010	FALSE
-0,017	0,326	-0,001	0,007	0,027	FALSE
-0,044	0,311	-0,001	0,007	0,053	FALSE
0,014	0,291	0,000	0,009	0,001	FALSE
0,031	0,312	0,000	0,009	0,011	FALSE
-0,088	0,317	-0,002	0,008	0,116	FALSE
-0,050	0,305	-0,002	0,013	0,055	FALSE
0,044	0,301	0,001	0,006	0,062	FALSE
-0,118	0,303	-0,003	0,009	0,122	FALSE
0,026	0,308	0,000	0,009	0,017	FALSE
0,037	0,312	0,001	0,010	0,051	FALSE
0,084	0,296	0,003	0,011	0,117	FALSE
0,010	0,308	0,000	0,010	0,001	FALSE
0,100	0,296	0,003	0,008	0,127	FALSE
-0,028	0,318	-0,001	0,007	0,038	FALSE
-0,084	0,316	-0,002	0,010	0,078	FALSE
-0,151	0,297	-0,005	0,009	0,212	FALSE
-0,112	0,303	-0,005	0,012	0,175	FALSE
0,057	0,311	0,002	0,009	0,084	FALSE
-0,059	0,301	-0,003	0,012	0,089	FALSE

0,134	0,307	0,004	0,008	0,207	FALSE
0,119	0,306	0,003	0,008	0,173	FALSE
0,058	0,309	0,001	0,009	0,047	FALSE
-0,197	0,298	-0,008	0,011	0,308	FALSE
-0,025	0,304	-0,001	0,007	0,036	FALSE
0,081	0,305	0,002	0,008	0,103	FALSE
-0,044	0,310	-0,001	0,008	0,062	FALSE
0,101	0,306	0,004	0,013	0,139	FALSE
0,008	0,299	0,000	0,012	0,006	FALSE
0,052	0,320	0,003	0,011	0,092	FALSE
0,093	0,313	0,004	0,012	0,122	FALSE
0,126	0,310	0,005	0,013	0,162	FALSE
-0,104	0,304	-0,005	0,012	0,175	FALSE
0,030	0,310	0,001	0,013	0,025	FALSE
-0,002	0,300	0,000	0,006	0,006	FALSE
-0,065	0,296	-0,001	0,007	0,081	FALSE
0,031	0,305	0,001	0,012	0,030	FALSE
0,048	0,304	0,002	0,011	0,060	FALSE
-0,058	0,313	-0,002	0,009	0,069	FALSE
-0,018	0,305	-0,001	0,009	0,025	FALSE
-0,036	0,305	-0,001	0,010	0,042	FALSE
0,025	0,296	0,000	0,008	0,015	FALSE
0,012	0,312	0,000	0,009	0,020	FALSE
0,017	0,296	-0,001	0,009	0,023	FALSE
0,061	0,309	0,002	0,008	0,068	FALSE
-0,065	0,316	-0,001	0,007	0,071	FALSE
-0,028	0,310	-0,001	0,011	0,039	FALSE
-0,011	0,290	-0,001	0,010	0,025	FALSE
-0,027	0,302	-0,001	0,008	0,036	FALSE
-0,048	0,306	-0,001	0,009	0,058	FALSE
0,015	0,321	0,000	0,010	0,017	FALSE
0,005	0,306	0,000	0,013	0,004	FALSE
-0,127	0,315	-0,004	0,012	0,145	FALSE
-0,054	0,304	-0,001	0,008	0,057	FALSE
0,110	0,317	0,004	0,012	0,136	FALSE
-0,005	0,320	0,000	0,010	0,006	FALSE
0,051	0,309	0,002	0,012	0,047	FALSE
0,157	0,300	0,004	0,008	0,213	FALSE
0,000	0,322	0,000	0,013	0,002	FALSE
0,055	0,306	0,002	0,012	0,070	FALSE
-0,074	0,323	-0,002	0,011	0,075	FALSE
-0,025	0,313	-0,001	0,010	0,023	FALSE
0,006	0,300	0,000	0,007	0,001	FALSE
0,115	0,311	0,005	0,013	0,154	FALSE
-0,032	0,302	-0,001	0,008	0,046	FALSE
-0,039	0,310	-0,001	0,012	0,041	FALSE
-0,131	0,287	-0,003	0,006	0,201	FALSE
0,099	0,296	0,003	0,008	0,134	FALSE
0,116	0,287	0,004	0,010	0,147	FALSE
0,009	0,315	0,000	0,009	0,020	FALSE
0,023	0,296	0,000	0,007	0,006	FALSE
0,003	0,307	-0,001	0,007	0,026	FALSE
-0,020	0,305	0,000	0,009	0,017	FALSE

-0,021	0,298	-0,001	0,012	0,024	FALSE
-0,075	0,309	-0,002	0,010	0,074	FALSE
-0,079	0,310	-0,002	0,011	0,077	FALSE
0,045	0,289	0,001	0,010	0,045	FALSE
0,161	0,326	0,005	0,010	0,203	FALSE
-0,054	0,311	-0,002	0,009	0,076	FALSE
-0,163	0,298	-0,003	0,007	0,210	FALSE
-0,063	0,292	-0,002	0,008	0,086	FALSE
-0,042	0,311	-0,001	0,007	0,035	FALSE
0,026	0,323	0,001	0,008	0,034	FALSE
-0,044	0,295	-0,001	0,007	0,042	FALSE
-0,019	0,308	0,000	0,011	0,003	FALSE
-0,085	0,316	-0,004	0,012	0,137	FALSE
-0,084	0,312	-0,004	0,012	0,131	FALSE
-0,042	0,310	-0,001	0,008	0,044	FALSE
-0,071	0,300	-0,002	0,009	0,073	FALSE
-0,036	0,312	-0,002	0,012	0,044	FALSE
-0,031	0,296	-0,001	0,011	0,044	FALSE
-0,066	0,306	-0,003	0,012	0,083	FALSE
0,196	0,285	0,005	0,007	0,295	FALSE
-0,013	0,303	0,001	0,010	0,022	FALSE
-0,055	0,301	-0,001	0,012	0,042	FALSE
-0,027	0,310	-0,001	0,008	0,035	FALSE
0,043	0,303	0,002	0,010	0,067	FALSE
0,062	0,306	0,001	0,008	0,037	FALSE
-0,070	0,308	-0,001	0,008	0,057	FALSE
0,015	0,291	0,002	0,012	0,060	FALSE
-0,091	0,311	-0,002	0,007	0,121	FALSE
0,135	0,301	0,005	0,010	0,205	FALSE
0,154	0,290	0,006	0,010	0,254	FALSE
-0,075	0,303	-0,002	0,007	0,122	FALSE
0,029	0,309	0,001	0,009	0,038	FALSE
0,103	0,297	0,003	0,007	0,200	FALSE
-0,102	0,321	-0,003	0,010	0,132	FALSE
-0,085	0,315	-0,002	0,008	0,116	FALSE
-0,036	0,326	-0,001	0,008	0,037	FALSE
0,038	0,318	0,002	0,010	0,065	FALSE
0,019	0,309	0,001	0,012	0,031	FALSE
0,022	0,309	0,001	0,012	0,033	FALSE
0,117	0,293	0,002	0,007	0,104	FALSE
0,045	0,306	0,002	0,012	0,056	FALSE
0,148	0,303	0,007	0,011	0,262	FALSE
-0,124	0,307	-0,005	0,012	0,158	FALSE
-0,004	0,313	0,000	0,007	0,001	FALSE
-0,015	0,309	0,000	0,007	0,013	FALSE
0,003	0,314	0,000	0,010	0,006	FALSE
-0,112	0,312	-0,003	0,010	0,123	FALSE
-0,105	0,305	-0,003	0,008	0,137	FALSE
-0,126	0,299	-0,003	0,007	0,138	FALSE
0,018	0,310	0,001	0,012	0,020	FALSE
-0,126	0,298	-0,003	0,009	0,153	FALSE
-0,215	0,294	-0,009	0,013	0,292	TRUE
-0,001	0,306	0,001	0,012	0,023	FALSE

-0,083	0,292	-0,001	0,006	0,076	FALSE
0,100	0,302	0,003	0,011	0,104	FALSE
-0,018	0,308	-0,001	0,013	0,019	FALSE
0,055	0,300	0,001	0,009	0,053	FALSE
0,100	0,298	0,002	0,008	0,108	FALSE
0,007	0,311	0,000	0,009	0,015	FALSE
0,118	0,301	0,003	0,008	0,128	FALSE
0,007	0,305	0,001	0,011	0,022	FALSE
0,143	0,298	0,005	0,012	0,172	FALSE
-0,167	0,296	-0,004	0,007	0,260	FALSE
-0,091	0,308	-0,002	0,008	0,114	FALSE
-0,037	0,307	-0,001	0,007	0,054	FALSE
0,120	0,304	0,004	0,012	0,137	FALSE
-0,006	0,297	0,000	0,011	0,011	FALSE
0,065	0,307	0,002	0,007	0,089	FALSE
0,040	0,302	0,001	0,006	0,059	FALSE
0,032	0,299	0,000	0,010	0,002	FALSE
-0,026	0,302	-0,002	0,012	0,057	FALSE
0,052	0,295	0,002	0,009	0,099	FALSE
-0,008	0,302	-0,002	0,013	0,052	FALSE
0,073	0,309	0,002	0,008	0,109	FALSE
0,066	0,300	0,003	0,012	0,082	FALSE
-0,052	0,310	-0,002	0,012	0,059	FALSE
0,076	0,295	0,002	0,010	0,071	FALSE
0,032	0,314	0,001	0,008	0,039	FALSE
0,027	0,303	0,000	0,012	0,004	FALSE
0,033	0,315	0,000	0,008	0,012	FALSE
0,039	0,312	0,000	0,008	0,016	FALSE
0,044	0,301	0,002	0,008	0,091	FALSE
0,047	0,290	0,001	0,007	0,045	FALSE
0,060	0,296	0,002	0,007	0,118	FALSE
-0,015	0,314	-0,001	0,010	0,034	FALSE
0,047	0,315	0,001	0,009	0,050	FALSE
0,008	0,303	0,001	0,008	0,029	FALSE
0,029	0,305	0,001	0,011	0,026	FALSE
-0,121	0,310	-0,003	0,007	0,179	FALSE
-0,056	0,315	-0,002	0,012	0,063	FALSE
0,143	0,303	0,003	0,008	0,179	FALSE
0,053	0,296	0,001	0,010	0,055	FALSE
-0,006	0,314	0,000	0,011	0,011	FALSE
-0,003	0,316	0,000	0,010	0,009	FALSE
-0,019	0,319	0,000	0,011	0,012	FALSE
-0,039	0,314	-0,001	0,008	0,061	FALSE
-0,061	0,304	-0,003	0,009	0,124	FALSE
-0,008	0,310	0,001	0,011	0,017	FALSE
-0,003	0,321	0,000	0,008	0,003	FALSE
0,034	0,309	0,001	0,008	0,027	FALSE
0,043	0,314	0,001	0,008	0,044	FALSE
0,054	0,315	0,001	0,008	0,062	FALSE
0,022	0,320	0,001	0,011	0,035	FALSE
0,153	0,302	0,005	0,010	0,213	FALSE
0,125	0,310	0,003	0,007	0,157	FALSE
0,088	0,301	0,003	0,009	0,104	FALSE

0,132	0,299	0,006	0,013	0,188	FALSE
0,011	0,305	0,000	0,012	0,009	FALSE
0,012	0,302	0,000	0,013	0,003	FALSE
0,000	0,298	0,000	0,012	0,005	FALSE
0,007	0,303	0,000	0,007	0,025	FALSE
0,024	0,308	0,001	0,007	0,041	FALSE
-0,004	0,309	0,000	0,007	0,008	FALSE
-0,068	0,314	-0,002	0,010	0,069	FALSE
0,011	0,311	0,000	0,009	0,012	FALSE
-0,025	0,305	-0,001	0,009	0,048	FALSE
-0,054	0,305	-0,001	0,007	0,070	FALSE
0,005	0,320	0,001	0,009	0,038	FALSE
0,009	0,315	0,000	0,008	0,003	FALSE
-0,102	0,295	-0,002	0,009	0,099	FALSE
-0,104	0,303	-0,002	0,006	0,126	FALSE
-0,098	0,327	-0,002	0,006	0,099	FALSE
-0,071	0,321	-0,002	0,008	0,082	FALSE
-0,046	0,304	-0,001	0,007	0,061	FALSE
0,009	0,299	0,001	0,007	0,032	FALSE
0,012	0,317	0,000	0,008	0,017	FALSE
0,041	0,318	0,001	0,008	0,032	FALSE
-0,081	0,308	-0,002	0,008	0,105	FALSE
0,016	0,312	0,001	0,011	0,035	FALSE
0,029	0,318	0,001	0,009	0,033	FALSE
0,020	0,312	0,000	0,008	0,014	FALSE
0,097	0,305	0,002	0,007	0,127	FALSE
-0,058	0,315	-0,002	0,010	0,064	FALSE
-0,016	0,313	-0,001	0,012	0,028	FALSE
-0,060	0,311	-0,001	0,008	0,055	FALSE
-0,010	0,300	-0,001	0,009	0,030	FALSE
-0,027	0,318	-0,001	0,007	0,057	FALSE
0,012	0,315	0,000	0,008	0,004	FALSE
0,092	0,305	0,004	0,009	0,166	FALSE
0,042	0,298	0,001	0,011	0,041	FALSE
0,001	0,293	0,001	0,008	0,028	FALSE
0,040	0,318	0,000	0,009	0,016	FALSE
-0,023	0,325	0,000	0,008	0,010	FALSE
0,004	0,322	-0,001	0,007	0,027	FALSE
0,114	0,301	0,004	0,011	0,164	FALSE
0,025	0,314	0,001	0,013	0,035	FALSE
0,017	0,306	0,000	0,008	0,015	FALSE
-0,069	0,315	-0,001	0,007	0,074	FALSE
0,031	0,318	0,001	0,013	0,016	FALSE
0,017	0,305	0,001	0,007	0,048	FALSE
0,013	0,322	0,000	0,010	0,016	FALSE
-0,066	0,312	-0,001	0,008	0,068	FALSE
0,000	0,300	-0,001	0,013	0,022	FALSE
-0,040	0,309	-0,002	0,010	0,057	FALSE
0,044	0,305	0,002	0,009	0,073	FALSE
-0,003	0,301	0,001	0,012	0,031	FALSE
0,061	0,302	0,001	0,008	0,070	FALSE
0,003	0,316	0,000	0,012	0,006	FALSE
-0,115	0,316	-0,004	0,012	0,134	FALSE

0,027	0,320	0,001	0,010	0,030	FALSE
-0,147	0,297	-0,004	0,009	0,188	FALSE
0,111	0,296	0,003	0,007	0,155	FALSE
-0,015	0,307	0,000	0,009	0,019	FALSE
-0,035	0,331	-0,001	0,009	0,036	FALSE
0,020	0,324	0,000	0,010	0,013	FALSE
0,038	0,296	0,001	0,010	0,048	FALSE
-0,106	0,307	-0,003	0,007	0,164	FALSE
0,056	0,313	0,002	0,010	0,060	FALSE
-0,061	0,302	-0,001	0,007	0,078	FALSE
0,082	0,300	0,002	0,007	0,106	FALSE
0,066	0,301	0,001	0,006	0,090	FALSE
0,174	0,302	0,007	0,012	0,243	FALSE
0,239	0,293	0,009	0,012	0,352	FALSE
-0,049	0,311	-0,002	0,011	0,064	FALSE
-0,058	0,317	-0,002	0,013	0,065	FALSE
0,006	0,303	0,000	0,012	0,005	FALSE
0,042	0,310	0,001	0,012	0,030	FALSE
0,148	0,304	0,003	0,006	0,182	FALSE
-0,060	0,314	-0,001	0,007	0,059	FALSE
0,125	0,319	0,005	0,013	0,160	FALSE
-0,077	0,314	-0,001	0,006	0,085	FALSE
0,182	0,302	0,007	0,012	0,273	FALSE
-0,023	0,300	-0,002	0,013	0,061	FALSE
0,049	0,300	0,001	0,008	0,043	FALSE
-0,015	0,303	-0,001	0,010	0,023	FALSE
-0,035	0,305	-0,001	0,012	0,024	FALSE
-0,046	0,299	-0,002	0,012	0,053	FALSE
-0,038	0,301	0,000	0,006	0,026	FALSE
0,004	0,308	0,000	0,012	0,008	FALSE
0,010	0,300	0,000	0,009	0,012	FALSE
-0,055	0,313	-0,001	0,008	0,048	FALSE
-0,014	0,302	0,000	0,009	0,011	FALSE
-0,113	0,314	-0,002	0,007	0,121	FALSE
-0,057	0,303	-0,001	0,007	0,036	FALSE
0,015	0,300	0,000	0,011	0,005	FALSE
-0,032	0,302	-0,001	0,011	0,039	FALSE
0,083	0,294	0,002	0,009	0,078	FALSE
0,080	0,300	0,002	0,009	0,073	FALSE
-0,011	0,304	-0,001	0,010	0,042	FALSE
0,066	0,315	0,002	0,009	0,077	FALSE
0,027	0,311	0,001	0,012	0,032	FALSE
-0,135	0,315	-0,003	0,008	0,151	FALSE
-0,124	0,303	-0,003	0,008	0,152	FALSE
-0,102	0,311	-0,002	0,007	0,121	FALSE
-0,100	0,300	-0,003	0,008	0,135	FALSE
-0,104	0,307	-0,003	0,008	0,145	FALSE
-0,104	0,309	-0,002	0,007	0,136	FALSE
-0,068	0,308	-0,001	0,007	0,083	FALSE
0,099	0,311	0,003	0,008	0,131	FALSE
0,122	0,312	0,003	0,008	0,171	FALSE
0,045	0,303	0,001	0,007	0,040	FALSE
-0,055	0,310	-0,001	0,007	0,046	FALSE

0,071	0,324	0,002	0,008	0,098	FALSE
-0,013	0,309	0,000	0,006	0,020	FALSE
0,013	0,296	0,000	0,006	0,017	FALSE
0,028	0,313	0,001	0,012	0,032	FALSE
0,003	0,307	0,000	0,007	0,008	FALSE
0,081	0,290	0,002	0,007	0,111	FALSE
-0,037	0,311	-0,001	0,007	0,031	FALSE
-0,028	0,311	-0,001	0,013	0,023	FALSE
0,061	0,312	0,002	0,009	0,065	FALSE
0,019	0,295	0,000	0,009	0,000	FALSE
0,006	0,316	0,000	0,007	0,014	FALSE
0,065	0,301	0,004	0,013	0,135	FALSE
-0,020	0,302	0,000	0,011	0,014	FALSE
0,067	0,299	0,001	0,006	0,072	FALSE
0,028	0,305	0,001	0,013	0,034	FALSE
0,049	0,315	0,002	0,009	0,073	FALSE
-0,023	0,317	-0,001	0,008	0,030	FALSE
0,123	0,300	0,004	0,009	0,198	FALSE
0,067	0,291	0,002	0,008	0,072	FALSE
0,041	0,307	0,001	0,011	0,044	FALSE
0,048	0,305	0,002	0,009	0,061	FALSE
0,049	0,299	0,002	0,006	0,092	FALSE
-0,044	0,315	-0,001	0,008	0,066	FALSE
0,014	0,313	0,001	0,011	0,029	FALSE
-0,068	0,321	-0,003	0,011	0,095	FALSE
-0,002	0,297	0,000	0,007	0,003	FALSE
-0,089	0,318	-0,002	0,007	0,129	FALSE
0,082	0,320	0,003	0,008	0,137	FALSE
0,040	0,309	0,002	0,009	0,090	FALSE
-0,060	0,310	-0,002	0,008	0,087	FALSE
-0,050	0,307	-0,002	0,009	0,087	FALSE
-0,076	0,297	-0,003	0,009	0,133	FALSE
-0,079	0,297	-0,002	0,009	0,078	FALSE
-0,055	0,287	-0,002	0,010	0,081	FALSE
-0,048	0,316	-0,001	0,007	0,073	FALSE
-0,046	0,307	-0,001	0,007	0,045	FALSE
-0,062	0,293	-0,001	0,007	0,071	FALSE
-0,019	0,302	-0,001	0,008	0,034	FALSE
0,020	0,322	0,001	0,013	0,014	FALSE
-0,015	0,303	0,000	0,007	0,005	FALSE
0,071	0,314	0,001	0,008	0,071	FALSE
0,010	0,317	0,000	0,007	0,018	FALSE
-0,020	0,313	0,000	0,008	0,016	FALSE
0,018	0,323	0,000	0,008	0,015	FALSE
0,006	0,309	0,000	0,007	0,007	FALSE
0,078	0,304	0,004	0,012	0,128	FALSE
0,107	0,309	0,003	0,009	0,134	FALSE
0,000	0,325	-0,001	0,010	0,019	FALSE
0,002	0,313	0,000	0,009	0,001	FALSE
-0,079	0,303	-0,003	0,011	0,101	FALSE
-0,010	0,315	-0,002	0,011	0,051	FALSE
-0,140	0,302	-0,003	0,007	0,170	FALSE
-0,074	0,319	-0,002	0,008	0,089	FALSE

0,069	0,296	0,002	0,007	0,092	FALSE
-0,130	0,312	-0,003	0,008	0,174	FALSE
-0,053	0,315	-0,002	0,008	0,074	FALSE
-0,033	0,305	-0,001	0,007	0,031	FALSE
-0,002	0,314	0,000	0,008	0,007	FALSE
-0,002	0,318	0,000	0,009	0,009	FALSE
-0,085	0,305	-0,003	0,008	0,115	FALSE
-0,114	0,322	-0,005	0,012	0,156	FALSE
-0,128	0,306	-0,005	0,012	0,156	FALSE
0,121	0,312	0,005	0,012	0,162	FALSE
0,100	0,309	0,002	0,008	0,100	FALSE
0,003	0,310	0,000	0,011	0,009	FALSE
-0,006	0,302	-0,001	0,011	0,025	FALSE
-0,113	0,315	-0,003	0,007	0,139	FALSE
-0,001	0,302	0,000	0,011	0,015	FALSE
-0,041	0,312	-0,002	0,011	0,053	FALSE
-0,136	0,301	-0,005	0,012	0,186	FALSE
-0,098	0,308	-0,002	0,008	0,121	FALSE
-0,040	0,304	-0,002	0,012	0,060	FALSE
-0,026	0,315	0,000	0,008	0,018	FALSE
0,067	0,302	0,004	0,013	0,104	FALSE
0,001	0,304	0,000	0,007	0,005	FALSE
-0,132	0,312	-0,004	0,008	0,175	FALSE
0,049	0,303	0,001	0,013	0,038	FALSE
0,056	0,307	0,001	0,006	0,035	FALSE
-0,011	0,306	0,000	0,012	0,000	FALSE
0,002	0,317	0,000	0,010	0,015	FALSE
-0,054	0,306	-0,002	0,008	0,082	FALSE
-0,097	0,312	-0,004	0,012	0,122	FALSE
-0,047	0,310	-0,002	0,013	0,056	FALSE
0,152	0,292	0,003	0,007	0,199	FALSE
0,167	0,314	0,004	0,008	0,229	FALSE
-0,029	0,309	-0,002	0,013	0,053	FALSE
-0,015	0,319	-0,001	0,013	0,038	FALSE
-0,018	0,311	-0,001	0,013	0,036	FALSE
-0,041	0,299	-0,001	0,007	0,059	FALSE
-0,069	0,305	-0,002	0,008	0,075	FALSE
0,021	0,310	0,001	0,012	0,035	FALSE
-0,088	0,316	-0,002	0,008	0,130	FALSE
-0,034	0,309	0,000	0,008	0,015	FALSE
0,044	0,312	0,001	0,013	0,036	FALSE
0,030	0,309	0,001	0,012	0,019	FALSE
0,025	0,297	0,000	0,008	0,011	FALSE
-0,001	0,313	0,000	0,010	0,017	FALSE
0,016	0,305	0,000	0,010	0,017	FALSE
-0,003	0,298	0,000	0,011	0,002	FALSE
0,034	0,306	0,001	0,007	0,042	FALSE
-0,014	0,304	0,000	0,007	0,021	FALSE
0,051	0,305	0,002	0,008	0,086	FALSE
0,031	0,309	0,001	0,008	0,059	FALSE
-0,054	0,326	-0,001	0,008	0,062	FALSE
0,035	0,313	0,001	0,013	0,024	FALSE
-0,141	0,304	-0,004	0,009	0,185	FALSE

0,015	0,313	0,001	0,011	0,040	FALSE
-0,040	0,305	0,000	0,006	0,027	FALSE
-0,102	0,310	-0,003	0,008	0,155	FALSE
-0,056	0,303	-0,001	0,007	0,080	FALSE
0,006	0,310	0,000	0,007	0,010	FALSE
0,064	0,314	0,001	0,008	0,070	FALSE
0,074	0,308	0,002	0,007	0,128	FALSE
-0,076	0,309	-0,002	0,009	0,098	FALSE
-0,005	0,308	0,000	0,013	0,003	FALSE
-0,009	0,306	0,000	0,012	0,002	FALSE
0,009	0,300	0,001	0,009	0,040	FALSE
0,005	0,317	0,001	0,011	0,017	FALSE
-0,021	0,306	0,000	0,010	0,007	FALSE
-0,003	0,309	0,001	0,011	0,019	FALSE
-0,038	0,307	-0,001	0,008	0,030	FALSE
0,041	0,311	0,001	0,008	0,059	FALSE
0,054	0,305	0,002	0,007	0,085	FALSE
0,024	0,312	0,001	0,008	0,040	FALSE
-0,011	0,313	0,000	0,013	0,012	FALSE
0,037	0,317	0,001	0,009	0,029	FALSE
-0,012	0,314	-0,001	0,013	0,019	FALSE
-0,095	0,322	-0,004	0,013	0,136	FALSE
-0,072	0,306	-0,003	0,012	0,089	FALSE
-0,091	0,318	-0,003	0,010	0,133	FALSE
0,021	0,304	0,001	0,007	0,047	FALSE
-0,095	0,309	-0,004	0,013	0,136	FALSE
0,064	0,299	0,002	0,007	0,109	FALSE
-0,087	0,295	-0,003	0,010	0,105	FALSE
0,008	0,320	0,000	0,010	0,010	FALSE
0,030	0,310	0,000	0,008	0,016	FALSE
0,009	0,310	0,000	0,007	0,000	FALSE
0,053	0,311	0,002	0,012	0,044	FALSE
0,076	0,294	0,002	0,012	0,064	FALSE
0,005	0,318	-0,001	0,011	0,040	FALSE
0,106	0,303	0,006	0,013	0,183	FALSE
0,000	0,301	-0,001	0,009	0,023	FALSE
0,040	0,295	0,001	0,010	0,046	FALSE
-0,001	0,296	0,000	0,007	0,006	FALSE
-0,118	0,296	-0,003	0,008	0,173	FALSE
-0,027	0,330	-0,001	0,010	0,035	FALSE
-0,024	0,319	-0,001	0,010	0,028	FALSE
-0,060	0,308	-0,002	0,013	0,063	FALSE
0,088	0,312	0,002	0,007	0,089	FALSE
-0,049	0,303	-0,001	0,008	0,050	FALSE
-0,180	0,308	-0,006	0,010	0,280	FALSE
0,077	0,297	0,003	0,012	0,101	FALSE
0,001	0,290	0,000	0,006	0,009	FALSE
0,045	0,301	0,002	0,011	0,060	FALSE
0,052	0,303	0,002	0,009	0,073	FALSE
-0,059	0,315	-0,001	0,008	0,032	FALSE
0,033	0,295	0,000	0,007	0,004	FALSE
0,102	0,307	0,002	0,007	0,115	FALSE
0,044	0,306	0,001	0,010	0,032	FALSE

-0,044	0,311	-0,001	0,007	0,066	FALSE
0,034	0,302	0,001	0,008	0,047	FALSE
0,072	0,325	0,002	0,009	0,093	FALSE
-0,084	0,299	-0,003	0,012	0,111	FALSE
0,004	0,309	0,000	0,012	0,000	FALSE
0,101	0,302	0,002	0,007	0,104	FALSE
-0,049	0,303	-0,003	0,012	0,086	FALSE
-0,078	0,305	-0,003	0,011	0,101	FALSE
0,011	0,318	0,000	0,007	0,012	FALSE
-0,101	0,304	-0,003	0,008	0,153	FALSE
0,063	0,309	0,001	0,008	0,055	FALSE
0,043	0,302	0,001	0,013	0,034	FALSE
0,044	0,312	0,001	0,013	0,038	FALSE
-0,065	0,301	-0,002	0,011	0,062	FALSE
-0,024	0,301	-0,001	0,009	0,026	FALSE
-0,040	0,303	-0,001	0,009	0,052	FALSE
0,003	0,309	0,000	0,010	0,006	FALSE
0,131	0,295	0,005	0,011	0,179	FALSE
0,028	0,309	0,000	0,009	0,015	FALSE
0,102	0,307	0,004	0,010	0,148	FALSE
-0,053	0,303	-0,001	0,007	0,031	FALSE
0,018	0,316	0,000	0,011	0,007	FALSE
-0,072	0,300	-0,003	0,011	0,122	FALSE
0,051	0,310	0,001	0,011	0,035	FALSE
0,035	0,289	0,001	0,011	0,017	FALSE
-0,096	0,307	-0,002	0,009	0,112	FALSE
0,081	0,318	0,002	0,009	0,089	FALSE
-0,042	0,310	-0,001	0,008	0,046	FALSE
0,043	0,301	0,001	0,008	0,069	FALSE
-0,032	0,325	-0,001	0,012	0,040	FALSE
0,029	0,315	0,001	0,008	0,031	FALSE
-0,014	0,315	0,000	0,008	0,018	FALSE
0,150	0,289	0,007	0,012	0,250	FALSE
-0,062	0,311	-0,001	0,007	0,070	FALSE
-0,033	0,316	-0,001	0,008	0,049	FALSE
0,130	0,294	0,004	0,007	0,222	FALSE
0,037	0,298	0,001	0,009	0,030	FALSE
0,071	0,322	0,003	0,012	0,098	FALSE
-0,008	0,304	0,000	0,006	0,001	FALSE
-0,002	0,308	0,000	0,008	0,008	FALSE
-0,021	0,301	-0,001	0,011	0,034	FALSE
-0,034	0,311	-0,001	0,010	0,031	FALSE
-0,009	0,307	-0,001	0,010	0,021	FALSE
-0,062	0,292	-0,002	0,007	0,083	FALSE
0,081	0,302	0,002	0,007	0,108	FALSE
-0,023	0,314	-0,001	0,008	0,033	FALSE
0,081	0,314	0,002	0,007	0,103	FALSE
-0,039	0,304	-0,001	0,009	0,029	FALSE
0,018	0,297	0,000	0,007	0,014	FALSE
-0,067	0,297	-0,004	0,013	0,133	FALSE
0,018	0,310	0,000	0,007	0,011	FALSE
-0,071	0,306	-0,002	0,008	0,083	FALSE
0,038	0,296	0,002	0,013	0,044	FALSE

-0,017	0,306	-0,001	0,011	0,035	FALSE
-0,057	0,297	-0,002	0,011	0,056	FALSE
-0,028	0,299	-0,001	0,008	0,037	FALSE
0,019	0,317	0,001	0,010	0,038	FALSE
0,029	0,304	0,001	0,008	0,036	FALSE
0,098	0,309	0,003	0,013	0,092	FALSE
0,094	0,303	0,004	0,011	0,146	FALSE
-0,042	0,307	-0,001	0,007	0,052	FALSE
0,084	0,308	0,002	0,007	0,113	FALSE
0,023	0,316	0,001	0,008	0,046	FALSE
0,070	0,292	0,002	0,008	0,097	FALSE
0,079	0,302	0,003	0,009	0,112	FALSE
-0,018	0,310	0,000	0,007	0,024	FALSE
-0,038	0,314	-0,002	0,010	0,065	FALSE
0,096	0,309	0,003	0,009	0,113	FALSE
0,082	0,311	0,002	0,011	0,084	FALSE
-0,030	0,307	-0,001	0,008	0,029	FALSE
0,054	0,299	0,001	0,011	0,045	FALSE
0,023	0,321	0,001	0,011	0,026	FALSE
-0,033	0,300	-0,001	0,012	0,018	FALSE
-0,037	0,326	-0,001	0,011	0,047	FALSE
-0,031	0,317	-0,002	0,012	0,050	FALSE
0,117	0,318	0,004	0,009	0,155	FALSE
0,045	0,300	0,001	0,007	0,076	FALSE
0,022	0,318	0,001	0,010	0,032	FALSE
-0,054	0,309	-0,001	0,008	0,067	FALSE
0,029	0,307	0,001	0,011	0,043	FALSE
0,126	0,307	0,003	0,007	0,153	FALSE
-0,013	0,316	-0,001	0,012	0,026	FALSE
0,084	0,292	0,002	0,010	0,083	FALSE
-0,060	0,290	-0,003	0,012	0,104	FALSE
-0,004	0,318	0,000	0,013	0,001	FALSE
-0,007	0,302	0,000	0,010	0,012	FALSE
0,117	0,307	0,003	0,008	0,176	FALSE
0,129	0,311	0,004	0,008	0,217	FALSE
-0,088	0,303	-0,002	0,008	0,109	FALSE
-0,045	0,308	-0,001	0,008	0,038	FALSE
-0,024	0,306	0,000	0,006	0,021	FALSE
0,160	0,309	0,004	0,007	0,224	FALSE
-0,114	0,301	-0,003	0,007	0,185	FALSE
-0,015	0,320	0,000	0,009	0,009	FALSE
-0,048	0,305	-0,002	0,010	0,081	FALSE
0,062	0,305	0,003	0,011	0,112	FALSE
0,039	0,302	0,001	0,006	0,038	FALSE
-0,021	0,300	-0,001	0,010	0,054	FALSE
-0,038	0,317	-0,003	0,011	0,107	FALSE
-0,073	0,311	-0,002	0,010	0,099	FALSE
-0,027	0,317	0,000	0,011	0,014	FALSE
0,034	0,305	0,001	0,007	0,039	FALSE
0,034	0,314	0,001	0,007	0,040	FALSE
-0,009	0,308	0,000	0,007	0,019	FALSE
-0,027	0,298	-0,001	0,008	0,053	FALSE
0,094	0,305	0,004	0,012	0,124	FALSE

0,018	0,310	0,001	0,013	0,021	FALSE
0,051	0,319	0,001	0,008	0,049	FALSE
0,042	0,302	0,001	0,009	0,053	FALSE
0,027	0,318	0,001	0,010	0,043	FALSE
-0,093	0,293	-0,002	0,007	0,129	FALSE
0,129	0,299	0,006	0,011	0,216	FALSE
0,051	0,303	0,001	0,007	0,039	FALSE
0,032	0,306	0,000	0,007	0,016	FALSE
0,039	0,312	0,001	0,007	0,026	FALSE
0,107	0,297	0,004	0,013	0,109	FALSE
-0,015	0,312	-0,001	0,011	0,017	FALSE
-0,038	0,307	-0,001	0,007	0,028	FALSE
-0,072	0,302	-0,004	0,013	0,114	FALSE
-0,061	0,302	-0,003	0,013	0,091	FALSE
-0,125	0,297	-0,004	0,008	0,190	FALSE
0,003	0,315	0,000	0,008	0,014	FALSE
0,015	0,291	0,000	0,012	0,003	FALSE
0,104	0,321	0,003	0,008	0,132	FALSE
-0,026	0,301	-0,001	0,011	0,029	FALSE
-0,051	0,294	-0,002	0,013	0,070	FALSE
-0,032	0,302	-0,001	0,006	0,055	FALSE
-0,066	0,309	-0,001	0,010	0,056	FALSE
0,022	0,311	0,001	0,008	0,057	FALSE
0,157	0,289	0,006	0,010	0,285	FALSE
0,005	0,318	0,000	0,009	0,006	FALSE
-0,048	0,315	-0,001	0,008	0,037	FALSE
0,005	0,311	0,000	0,007	0,019	FALSE
0,029	0,313	0,001	0,008	0,035	FALSE
0,153	0,301	0,006	0,013	0,198	FALSE
0,182	0,294	0,007	0,012	0,241	FALSE
0,054	0,319	0,002	0,013	0,065	FALSE
0,120	0,306	0,005	0,011	0,173	FALSE
0,138	0,317	0,006	0,013	0,186	FALSE
0,011	0,294	0,000	0,006	0,003	FALSE
0,092	0,295	0,003	0,010	0,111	FALSE
0,104	0,314	0,002	0,008	0,124	FALSE
-0,084	0,302	-0,004	0,011	0,136	FALSE
-0,103	0,298	-0,004	0,009	0,168	FALSE
-0,089	0,315	-0,003	0,009	0,133	FALSE
0,008	0,313	0,001	0,012	0,032	FALSE
-0,001	0,306	0,000	0,007	0,019	FALSE
-0,087	0,291	-0,002	0,006	0,111	FALSE
0,117	0,307	0,002	0,007	0,125	FALSE
-0,058	0,289	-0,001	0,006	0,080	FALSE
-0,040	0,297	-0,001	0,006	0,074	FALSE
0,070	0,307	0,003	0,007	0,132	FALSE
-0,054	0,305	-0,001	0,006	0,057	FALSE
0,020	0,295	0,000	0,009	0,019	FALSE
0,022	0,308	0,000	0,008	0,006	FALSE
-0,016	0,317	-0,001	0,009	0,033	FALSE
-0,032	0,306	-0,001	0,009	0,061	FALSE
0,056	0,300	0,002	0,008	0,094	FALSE
0,012	0,320	0,000	0,011	0,009	FALSE

-0,112	0,313	-0,004	0,012	0,139	FALSE
-0,090	0,306	-0,003	0,013	0,100	FALSE
-0,052	0,309	-0,002	0,012	0,061	FALSE
0,125	0,295	0,004	0,013	0,120	FALSE
-0,135	0,319	-0,004	0,010	0,152	FALSE
0,143	0,292	0,005	0,010	0,203	FALSE
0,131	0,308	0,003	0,006	0,213	FALSE
-0,079	0,299	-0,003	0,010	0,101	FALSE
0,126	0,300	0,003	0,007	0,184	FALSE
0,024	0,315	0,001	0,011	0,019	FALSE
0,045	0,289	0,002	0,012	0,046	FALSE
-0,011	0,302	0,000	0,013	0,013	FALSE
0,107	0,314	0,003	0,008	0,141	FALSE
-0,138	0,290	-0,004	0,011	0,154	FALSE
0,077	0,306	0,002	0,008	0,108	FALSE
0,077	0,304	0,003	0,008	0,130	FALSE
0,061	0,295	0,002	0,011	0,081	FALSE
0,061	0,319	0,002	0,007	0,090	FALSE
0,107	0,302	0,003	0,008	0,136	FALSE
0,108	0,304	0,002	0,007	0,116	FALSE
0,130	0,302	0,003	0,007	0,187	FALSE
0,058	0,321	0,003	0,013	0,093	FALSE
0,087	0,313	0,003	0,011	0,115	FALSE
0,084	0,315	0,003	0,011	0,123	FALSE
-0,097	0,310	-0,003	0,008	0,122	FALSE
-0,030	0,309	0,000	0,007	0,023	FALSE
0,003	0,325	0,000	0,007	0,009	FALSE
0,131	0,309	0,003	0,007	0,154	FALSE
0,059	0,303	0,002	0,008	0,107	FALSE
0,021	0,315	0,001	0,010	0,049	FALSE
0,057	0,308	0,001	0,009	0,040	FALSE
0,051	0,318	0,002	0,013	0,059	FALSE
-0,040	0,300	-0,002	0,011	0,055	FALSE
-0,083	0,330	-0,003	0,011	0,108	FALSE
-0,043	0,311	-0,002	0,009	0,077	FALSE
0,076	0,309	0,002	0,007	0,112	FALSE
0,035	0,301	0,000	0,007	0,011	FALSE
-0,137	0,311	-0,004	0,010	0,174	FALSE
-0,043	0,303	-0,001	0,009	0,034	FALSE
-0,013	0,289	-0,001	0,010	0,037	FALSE
0,050	0,314	0,002	0,009	0,099	FALSE
-0,083	0,305	-0,004	0,012	0,117	FALSE
0,114	0,304	0,004	0,011	0,127	FALSE
0,070	0,317	0,002	0,009	0,086	FALSE
0,064	0,304	0,003	0,010	0,105	FALSE
-0,028	0,293	0,000	0,010	0,007	FALSE
-0,035	0,303	-0,002	0,011	0,058	FALSE
0,059	0,312	0,002	0,010	0,062	FALSE
-0,065	0,314	-0,003	0,013	0,088	FALSE
-0,104	0,296	-0,003	0,008	0,125	FALSE
0,084	0,308	0,002	0,007	0,104	FALSE
0,055	0,305	0,001	0,012	0,042	FALSE
-0,059	0,310	-0,002	0,007	0,083	FALSE

-0,066	0,292	-0,001	0,008	0,067	FALSE
0,007	0,299	0,000	0,012	0,013	FALSE
0,037	0,291	0,001	0,010	0,052	FALSE
0,077	0,306	0,001	0,007	0,086	FALSE
-0,068	0,289	-0,001	0,006	0,090	FALSE
-0,191	0,318	-0,005	0,009	0,254	FALSE
0,094	0,303	0,002	0,007	0,112	FALSE
0,133	0,301	0,005	0,011	0,163	FALSE
-0,195	0,301	-0,006	0,009	0,278	FALSE
0,050	0,314	0,001	0,007	0,063	FALSE
0,023	0,319	0,002	0,013	0,043	FALSE
0,096	0,309	0,002	0,007	0,082	FALSE
-0,133	0,309	-0,006	0,012	0,217	FALSE
0,034	0,322	0,001	0,010	0,038	FALSE
-0,117	0,296	-0,003	0,007	0,158	FALSE
-0,038	0,317	-0,001	0,006	0,053	FALSE
0,068	0,300	0,001	0,007	0,080	FALSE
0,042	0,299	0,002	0,011	0,076	FALSE
0,073	0,305	0,002	0,007	0,090	FALSE
-0,015	0,312	0,000	0,007	0,000	FALSE
0,030	0,315	0,001	0,007	0,061	FALSE
-0,006	0,318	0,000	0,008	0,001	FALSE
-0,025	0,311	-0,001	0,010	0,036	FALSE
-0,003	0,308	0,000	0,010	0,001	FALSE
-0,131	0,296	-0,006	0,012	0,205	FALSE
0,012	0,306	0,000	0,009	0,019	FALSE
0,060	0,306	0,002	0,009	0,097	FALSE
-0,009	0,313	-0,001	0,008	0,039	FALSE
0,002	0,298	0,000	0,008	0,013	FALSE
-0,102	0,293	-0,003	0,006	0,169	FALSE
0,018	0,314	0,000	0,011	0,003	FALSE
-0,031	0,295	-0,001	0,009	0,026	FALSE
-0,010	0,293	0,000	0,008	0,006	FALSE
-0,037	0,316	-0,001	0,007	0,052	FALSE
0,138	0,305	0,003	0,006	0,174	FALSE
0,024	0,327	0,000	0,009	0,005	FALSE
-0,044	0,314	-0,001	0,008	0,053	FALSE
-0,004	0,311	0,000	0,010	0,016	FALSE
-0,078	0,304	-0,002	0,010	0,083	FALSE
0,018	0,290	0,000	0,006	0,006	FALSE
-0,067	0,295	-0,002	0,010	0,090	FALSE
0,028	0,321	0,001	0,010	0,037	FALSE
0,001	0,307	0,000	0,011	0,007	FALSE
0,046	0,306	0,002	0,010	0,082	FALSE
-0,038	0,315	0,000	0,008	0,020	FALSE
-0,012	0,310	0,000	0,008	0,013	FALSE
-0,096	0,299	-0,002	0,006	0,119	FALSE
0,066	0,312	0,002	0,010	0,093	FALSE
0,199	0,289	0,007	0,010	0,301	FALSE
0,044	0,312	0,001	0,007	0,067	FALSE
0,058	0,295	0,002	0,009	0,069	FALSE
-0,242	0,301	-0,010	0,013	0,371	FALSE
-0,050	0,308	-0,001	0,007	0,049	FALSE

0,172	0,295	0,006	0,010	0,243	FALSE
-0,055	0,312	-0,001	0,010	0,054	FALSE
0,034	0,315	0,001	0,007	0,048	FALSE
-0,035	0,318	-0,001	0,010	0,042	FALSE
-0,005	0,302	0,000	0,008	0,018	FALSE
0,097	0,314	0,002	0,007	0,129	FALSE
-0,036	0,306	0,000	0,010	0,015	FALSE
0,101	0,290	0,004	0,011	0,152	FALSE
-0,050	0,302	-0,002	0,008	0,069	FALSE
-0,063	0,298	-0,002	0,010	0,096	FALSE
-0,057	0,303	-0,002	0,010	0,056	FALSE
0,172	0,302	0,007	0,012	0,237	FALSE
-0,047	0,304	-0,002	0,008	0,083	FALSE
0,047	0,316	0,001	0,007	0,067	FALSE
0,050	0,308	0,002	0,012	0,060	FALSE
0,024	0,312	0,000	0,012	0,008	FALSE
-0,014	0,296	0,000	0,007	0,002	FALSE
-0,004	0,313	0,000	0,009	0,010	FALSE
-0,017	0,316	0,000	0,012	0,006	FALSE
0,025	0,319	0,001	0,013	0,020	FALSE
-0,043	0,313	-0,001	0,011	0,046	FALSE
-0,077	0,307	-0,002	0,007	0,095	FALSE
-0,028	0,313	0,000	0,007	0,007	FALSE
0,000	0,304	0,000	0,011	0,001	FALSE
0,008	0,309	-0,001	0,013	0,025	FALSE
0,073	0,323	0,002	0,008	0,084	FALSE
0,178	0,297	0,007	0,012	0,236	FALSE
0,062	0,295	0,002	0,009	0,077	FALSE
0,095	0,307	0,003	0,007	0,157	FALSE
0,007	0,314	0,001	0,013	0,028	FALSE
0,009	0,312	0,000	0,008	0,020	FALSE
0,071	0,314	0,003	0,013	0,081	FALSE
-0,064	0,319	-0,001	0,008	0,068	FALSE
0,082	0,315	0,003	0,011	0,094	FALSE
-0,026	0,303	0,000	0,008	0,023	FALSE
0,036	0,299	0,001	0,012	0,015	FALSE
-0,002	0,300	0,000	0,009	0,002	FALSE
0,097	0,324	0,003	0,010	0,109	FALSE
-0,135	0,307	-0,006	0,012	0,200	FALSE
-0,153	0,304	-0,006	0,011	0,223	FALSE
-0,078	0,305	-0,002	0,009	0,086	FALSE
-0,065	0,312	-0,002	0,009	0,094	FALSE
-0,039	0,297	-0,001	0,006	0,042	FALSE
-0,021	0,322	0,000	0,007	0,006	FALSE
0,088	0,303	0,003	0,011	0,117	FALSE
0,018	0,308	0,001	0,012	0,022	FALSE
0,041	0,312	0,001	0,012	0,041	FALSE
-0,040	0,307	-0,001	0,007	0,052	FALSE
0,029	0,297	0,001	0,011	0,017	FALSE
-0,006	0,309	-0,001	0,008	0,021	FALSE
0,003	0,301	0,000	0,013	0,001	FALSE
0,043	0,295	0,002	0,012	0,052	FALSE
-0,105	0,316	-0,003	0,007	0,145	FALSE

0,007	0,310	0,001	0,013	0,016	FALSE
0,040	0,316	0,002	0,010	0,062	FALSE
-0,011	0,300	0,000	0,007	0,020	FALSE
-0,070	0,302	-0,002	0,008	0,101	FALSE
-0,114	0,310	-0,003	0,009	0,144	FALSE
-0,137	0,318	-0,005	0,013	0,170	FALSE
0,029	0,316	0,001	0,007	0,028	FALSE
-0,021	0,320	0,000	0,008	0,016	FALSE
0,032	0,310	0,001	0,007	0,027	FALSE
-0,045	0,312	-0,002	0,011	0,072	FALSE
0,225	0,300	0,006	0,007	0,373	FALSE
0,049	0,301	0,001	0,009	0,061	FALSE
0,126	0,306	0,005	0,012	0,178	FALSE
0,040	0,312	0,001	0,009	0,050	FALSE
-0,091	0,308	-0,003	0,008	0,126	FALSE
0,076	0,313	0,003	0,009	0,122	FALSE
0,031	0,310	0,000	0,009	0,015	FALSE
-0,063	0,322	-0,001	0,008	0,063	FALSE
0,108	0,318	0,003	0,008	0,157	FALSE
-0,013	0,304	-0,001	0,007	0,028	FALSE
-0,040	0,309	-0,002	0,011	0,073	FALSE
-0,026	0,293	0,000	0,007	0,021	FALSE
0,047	0,306	0,001	0,008	0,037	FALSE
-0,024	0,300	-0,002	0,011	0,068	FALSE
0,039	0,325	0,001	0,009	0,037	FALSE
-0,021	0,313	-0,001	0,010	0,024	FALSE
0,099	0,318	0,002	0,008	0,111	FALSE
0,008	0,308	0,001	0,013	0,031	FALSE
0,002	0,307	0,000	0,010	0,012	FALSE
0,003	0,309	0,000	0,010	0,012	FALSE
-0,025	0,308	0,000	0,011	0,004	FALSE
-0,024	0,310	-0,001	0,012	0,026	FALSE
-0,133	0,305	-0,003	0,006	0,171	FALSE
-0,031	0,303	0,000	0,007	0,022	FALSE
0,004	0,289	0,000	0,012	0,010	FALSE
-0,034	0,295	-0,001	0,006	0,038	FALSE
0,069	0,298	0,002	0,008	0,083	FALSE
-0,093	0,314	-0,003	0,009	0,125	FALSE
0,013	0,311	0,000	0,009	0,001	FALSE
-0,016	0,311	0,000	0,007	0,003	FALSE
0,120	0,307	0,003	0,007	0,176	FALSE
-0,179	0,290	-0,007	0,012	0,249	FALSE
-0,017	0,307	0,000	0,011	0,009	FALSE
-0,097	0,308	-0,005	0,012	0,161	FALSE
-0,026	0,320	-0,001	0,007	0,033	FALSE
-0,150	0,292	-0,004	0,007	0,238	FALSE
-0,095	0,304	-0,002	0,008	0,126	FALSE
-0,164	0,278	-0,007	0,012	0,262	FALSE
-0,125	0,290	-0,004	0,010	0,186	FALSE
-0,067	0,306	-0,002	0,009	0,083	FALSE
0,068	0,296	0,001	0,006	0,074	FALSE
-0,059	0,308	-0,001	0,008	0,065	FALSE
0,091	0,300	0,004	0,012	0,143	FALSE

-0,029	0,304	-0,001	0,007	0,031	FALSE
0,011	0,315	0,000	0,007	0,017	FALSE
0,072	0,310	0,001	0,006	0,072	FALSE
0,132	0,296	0,005	0,010	0,220	FALSE
-0,095	0,308	-0,004	0,012	0,140	FALSE
0,076	0,304	0,002	0,007	0,105	FALSE
-0,070	0,310	-0,003	0,011	0,099	FALSE
-0,111	0,303	-0,004	0,011	0,150	FALSE
-0,006	0,310	0,000	0,007	0,013	FALSE
0,015	0,325	0,000	0,009	0,001	FALSE
-0,048	0,308	-0,001	0,007	0,072	FALSE
0,049	0,309	0,001	0,006	0,050	FALSE
0,149	0,312	0,003	0,007	0,212	FALSE
0,043	0,301	0,002	0,011	0,079	FALSE
0,047	0,305	0,001	0,013	0,016	FALSE
0,037	0,303	0,002	0,011	0,054	FALSE
-0,036	0,299	-0,001	0,006	0,058	FALSE
0,011	0,303	0,001	0,008	0,033	FALSE
-0,006	0,301	0,000	0,007	0,016	FALSE
0,011	0,312	0,000	0,008	0,004	FALSE
-0,011	0,300	0,000	0,006	0,001	FALSE
-0,022	0,309	-0,002	0,011	0,056	FALSE
0,007	0,312	0,000	0,008	0,005	FALSE
0,078	0,298	0,003	0,009	0,128	FALSE
0,069	0,301	0,003	0,012	0,081	FALSE
0,033	0,300	0,001	0,008	0,026	FALSE
-0,041	0,326	-0,001	0,007	0,051	FALSE
0,068	0,298	0,001	0,008	0,064	FALSE
-0,036	0,311	0,000	0,006	0,020	FALSE
0,060	0,299	0,002	0,006	0,103	FALSE
0,078	0,295	0,002	0,012	0,057	FALSE
-0,009	0,315	0,000	0,008	0,002	FALSE
0,053	0,305	0,001	0,009	0,038	FALSE
-0,081	0,294	-0,002	0,009	0,088	FALSE
0,052	0,303	0,002	0,013	0,069	FALSE
0,052	0,299	0,002	0,013	0,060	FALSE
0,005	0,297	0,001	0,013	0,014	FALSE
0,088	0,323	0,003	0,011	0,110	FALSE
0,064	0,317	0,002	0,010	0,072	FALSE
-0,122	0,290	-0,003	0,008	0,151	FALSE
-0,125	0,298	-0,004	0,009	0,181	FALSE
0,006	0,323	0,000	0,007	0,005	FALSE
0,000	0,313	0,001	0,010	0,018	FALSE
-0,052	0,315	-0,001	0,008	0,052	FALSE
0,061	0,316	0,002	0,008	0,088	FALSE
0,083	0,301	0,003	0,008	0,146	FALSE
0,009	0,321	0,000	0,009	0,013	FALSE
-0,099	0,307	-0,002	0,007	0,134	FALSE
0,052	0,331	0,001	0,007	0,062	FALSE
-0,043	0,327	-0,002	0,009	0,062	FALSE
-0,015	0,301	0,000	0,007	0,015	FALSE
-0,140	0,303	-0,004	0,010	0,179	FALSE
-0,115	0,318	-0,004	0,010	0,137	FALSE

-0,113	0,321	-0,003	0,010	0,132	FALSE
0,010	0,324	0,001	0,014	0,036	FALSE
-0,017	0,318	0,000	0,009	0,007	FALSE
-0,157	0,300	-0,003	0,007	0,205	FALSE
0,057	0,305	0,002	0,010	0,074	FALSE
-0,060	0,316	-0,001	0,008	0,069	FALSE
0,095	0,292	0,003	0,009	0,105	FALSE
0,141	0,302	0,004	0,008	0,223	FALSE
-0,204	0,284	-0,007	0,010	0,294	FALSE
-0,138	0,292	-0,003	0,007	0,222	FALSE
0,121	0,292	0,004	0,010	0,175	FALSE
-0,089	0,301	-0,004	0,012	0,110	FALSE
0,078	0,306	0,002	0,013	0,042	FALSE
0,122	0,300	0,003	0,010	0,137	FALSE
0,070	0,309	0,001	0,008	0,066	FALSE
-0,036	0,299	-0,002	0,010	0,067	FALSE
-0,077	0,314	-0,002	0,008	0,094	FALSE
-0,105	0,317	-0,004	0,010	0,157	FALSE
-0,010	0,304	0,000	0,008	0,014	FALSE
-0,058	0,313	-0,001	0,006	0,070	FALSE
0,026	0,306	0,002	0,013	0,045	FALSE
0,088	0,311	0,003	0,012	0,083	FALSE
-0,001	0,313	0,000	0,012	0,010	FALSE
0,034	0,280	0,001	0,009	0,064	FALSE
0,091	0,309	0,003	0,008	0,137	FALSE
0,003	0,309	0,001	0,011	0,019	FALSE
-0,030	0,315	-0,001	0,007	0,040	FALSE
0,014	0,288	0,000	0,006	0,018	FALSE
0,016	0,300	0,000	0,011	0,001	FALSE
-0,025	0,305	0,000	0,010	0,017	FALSE
0,023	0,310	0,000	0,007	0,005	FALSE
-0,074	0,287	-0,002	0,007	0,100	FALSE
-0,145	0,302	-0,004	0,009	0,201	FALSE
-0,070	0,315	-0,001	0,007	0,067	FALSE
-0,029	0,318	-0,001	0,010	0,030	FALSE
-0,041	0,309	-0,002	0,012	0,066	FALSE
-0,103	0,299	-0,003	0,010	0,114	FALSE
0,146	0,302	0,003	0,008	0,171	FALSE
-0,041	0,317	-0,001	0,006	0,042	FALSE
-0,012	0,326	0,000	0,008	0,015	FALSE
-0,121	0,315	-0,004	0,009	0,169	FALSE
-0,055	0,300	-0,002	0,011	0,065	FALSE
0,049	0,295	0,001	0,007	0,051	FALSE
-0,093	0,295	-0,003	0,007	0,142	FALSE
0,159	0,300	0,005	0,009	0,257	FALSE
0,049	0,305	0,002	0,012	0,049	FALSE
-0,105	0,298	-0,003	0,007	0,140	FALSE
0,004	0,306	0,000	0,012	0,012	FALSE
0,010	0,311	0,001	0,010	0,025	FALSE
-0,086	0,289	-0,001	0,006	0,089	FALSE
0,024	0,312	0,000	0,012	0,002	FALSE
0,009	0,310	-0,001	0,012	0,028	FALSE
0,017	0,307	0,000	0,010	0,008	FALSE

-0,019	0,304	-0,001	0,010	0,028	FALSE
-0,023	0,317	-0,002	0,011	0,071	FALSE
0,124	0,307	0,003	0,007	0,155	FALSE
-0,079	0,326	-0,002	0,008	0,089	FALSE
-0,038	0,297	-0,004	0,012	0,110	FALSE
0,040	0,335	0,002	0,013	0,043	FALSE
-0,083	0,310	-0,002	0,009	0,107	FALSE
0,076	0,321	0,003	0,013	0,097	FALSE
-0,101	0,307	-0,004	0,010	0,159	FALSE
-0,187	0,301	-0,004	0,007	0,239	FALSE
-0,044	0,303	-0,001	0,013	0,031	FALSE
0,004	0,307	0,000	0,010	0,013	FALSE
-0,172	0,288	-0,004	0,008	0,221	FALSE
-0,073	0,296	-0,002	0,010	0,064	FALSE
0,041	0,305	0,001	0,007	0,068	FALSE
-0,060	0,307	-0,003	0,012	0,082	FALSE
0,076	0,312	0,003	0,012	0,106	FALSE
0,001	0,319	0,000	0,011	0,013	FALSE
-0,067	0,317	-0,001	0,007	0,061	FALSE
0,040	0,300	0,001	0,012	0,043	FALSE
0,023	0,315	0,000	0,012	0,013	FALSE
0,091	0,308	0,002	0,008	0,087	FALSE
-0,015	0,315	0,000	0,007	0,014	FALSE
0,048	0,304	0,001	0,008	0,050	FALSE
-0,034	0,271	0,000	0,007	0,002	FALSE
-0,019	0,327	-0,001	0,013	0,035	TRUE
0,065	0,306	0,002	0,010	0,094	FALSE
-0,015	0,308	-0,001	0,010	0,024	FALSE
-0,081	0,317	-0,002	0,009	0,100	FALSE
-0,098	0,305	-0,004	0,011	0,153	FALSE
0,048	0,318	0,001	0,008	0,053	FALSE
0,031	0,304	0,002	0,011	0,071	FALSE
-0,013	0,300	0,000	0,007	0,007	FALSE
-0,095	0,310	-0,003	0,010	0,119	FALSE
0,035	0,303	0,002	0,013	0,046	FALSE
-0,030	0,313	-0,001	0,007	0,027	FALSE
-0,035	0,305	0,000	0,008	0,006	FALSE
0,018	0,294	0,000	0,012	0,003	FALSE
-0,100	0,307	-0,003	0,010	0,126	FALSE
0,032	0,304	0,001	0,010	0,041	FALSE
0,026	0,307	0,000	0,009	0,018	FALSE
0,047	0,308	0,002	0,009	0,076	FALSE
0,086	0,279	0,003	0,009	0,151	FALSE
-0,083	0,300	-0,002	0,007	0,124	FALSE
0,032	0,311	0,002	0,009	0,062	FALSE
0,089	0,302	0,002	0,007	0,129	FALSE
0,100	0,305	0,004	0,012	0,120	FALSE
-0,049	0,309	-0,001	0,011	0,044	FALSE
-0,065	0,305	-0,002	0,011	0,067	FALSE
-0,053	0,306	-0,001	0,008	0,043	FALSE
-0,058	0,299	-0,002	0,008	0,093	FALSE
-0,125	0,301	-0,006	0,013	0,175	FALSE
0,055	0,299	0,002	0,008	0,073	FALSE

0,064	0,297	0,002	0,011	0,073	FALSE
-0,052	0,322	-0,001	0,007	0,059	FALSE
0,135	0,312	0,005	0,012	0,161	FALSE
0,033	0,304	0,000	0,009	0,007	FALSE
0,024	0,312	0,000	0,009	0,003	FALSE
0,012	0,309	0,000	0,012	0,002	FALSE
-0,044	0,310	-0,001	0,008	0,025	FALSE
-0,088	0,301	-0,003	0,011	0,106	FALSE
-0,003	0,302	-0,001	0,008	0,023	FALSE
-0,021	0,299	-0,001	0,011	0,032	FALSE
0,028	0,299	0,001	0,011	0,019	FALSE
0,069	0,319	0,002	0,009	0,081	FALSE
0,090	0,308	0,002	0,006	0,124	FALSE
0,139	0,306	0,005	0,011	0,173	FALSE
-0,091	0,324	-0,003	0,009	0,113	FALSE
-0,107	0,295	-0,003	0,008	0,138	FALSE
0,108	0,299	0,004	0,013	0,119	FALSE
-0,057	0,310	-0,002	0,007	0,077	FALSE
-0,003	0,307	0,001	0,012	0,016	FALSE
0,062	0,298	0,002	0,011	0,053	FALSE
0,011	0,299	0,001	0,006	0,049	FALSE
0,087	0,321	0,002	0,007	0,113	FALSE
0,013	0,312	0,000	0,010	0,013	FALSE
0,038	0,314	0,001	0,010	0,045	FALSE
0,075	0,306	0,002	0,009	0,075	FALSE
0,011	0,307	0,001	0,013	0,033	FALSE
-0,047	0,318	-0,001	0,007	0,074	FALSE
-0,102	0,314	-0,003	0,008	0,125	FALSE
0,127	0,312	0,005	0,011	0,174	FALSE
0,086	0,294	0,003	0,010	0,103	FALSE
0,030	0,286	0,000	0,007	0,021	FALSE
0,032	0,319	0,001	0,011	0,033	FALSE
0,011	0,304	0,001	0,008	0,029	FALSE
-0,113	0,303	-0,005	0,011	0,168	FALSE
0,082	0,309	0,002	0,008	0,077	FALSE
0,002	0,313	0,001	0,012	0,031	FALSE
0,044	0,292	0,001	0,006	0,041	FALSE
-0,007	0,303	-0,001	0,011	0,025	FALSE
-0,148	0,304	-0,004	0,009	0,168	FALSE
-0,065	0,298	-0,002	0,009	0,100	FALSE
-0,014	0,309	-0,001	0,007	0,043	FALSE
-0,017	0,311	-0,001	0,010	0,038	FALSE
0,021	0,300	0,000	0,007	0,026	FALSE
0,007	0,315	0,001	0,009	0,038	FALSE
0,056	0,314	0,002	0,008	0,075	FALSE
0,112	0,312	0,004	0,009	0,167	FALSE
-0,016	0,318	0,000	0,009	0,002	FALSE
0,070	0,310	0,004	0,012	0,117	FALSE
-0,094	0,304	-0,004	0,011	0,139	FALSE
-0,041	0,294	-0,001	0,009	0,034	FALSE
0,087	0,305	0,003	0,008	0,132	FALSE
0,095	0,319	0,003	0,008	0,140	FALSE
-0,046	0,308	-0,001	0,012	0,042	FALSE

0,024	0,308	0,000	0,009	0,010	FALSE
-0,106	0,302	-0,004	0,011	0,165	FALSE
0,119	0,304	0,005	0,013	0,158	FALSE
0,019	0,306	0,001	0,009	0,023	FALSE
0,078	0,298	0,002	0,007	0,095	FALSE
0,065	0,308	0,002	0,008	0,080	FALSE
-0,020	0,304	-0,001	0,010	0,035	FALSE
0,041	0,307	0,001	0,011	0,025	FALSE
0,055	0,305	0,003	0,012	0,089	FALSE
-0,005	0,307	-0,001	0,011	0,019	FALSE
0,089	0,310	0,002	0,007	0,129	FALSE
0,053	0,312	0,002	0,010	0,065	FALSE
-0,088	0,317	-0,002	0,009	0,106	FALSE
-0,035	0,315	-0,001	0,007	0,027	FALSE
-0,026	0,300	-0,002	0,013	0,056	FALSE
0,051	0,300	0,002	0,010	0,063	FALSE
0,041	0,308	0,001	0,010	0,048	FALSE
0,020	0,313	0,001	0,012	0,029	FALSE
-0,111	0,303	-0,004	0,012	0,148	FALSE
0,034	0,321	0,001	0,011	0,039	FALSE
0,017	0,294	0,001	0,007	0,030	FALSE
-0,009	0,304	-0,001	0,013	0,038	FALSE
-0,110	0,306	-0,005	0,013	0,167	FALSE
0,077	0,307	0,003	0,009	0,116	FALSE
0,075	0,317	0,004	0,013	0,114	FALSE
0,094	0,313	0,004	0,012	0,126	FALSE
0,001	0,315	0,000	0,008	0,011	FALSE
-0,078	0,290	-0,002	0,009	0,095	FALSE
-0,066	0,312	-0,001	0,008	0,062	FALSE
0,045	0,311	0,001	0,007	0,042	FALSE
0,007	0,308	0,000	0,006	0,003	FALSE
-0,025	0,313	0,000	0,009	0,014	FALSE
-0,110	0,291	-0,004	0,011	0,127	FALSE
-0,051	0,304	-0,002	0,012	0,069	FALSE
-0,012	0,292	0,000	0,008	0,010	FALSE
-0,030	0,313	-0,001	0,008	0,025	FALSE
0,022	0,293	0,001	0,006	0,035	FALSE
0,090	0,302	0,002	0,007	0,102	FALSE
-0,030	0,313	0,000	0,007	0,022	FALSE
0,072	0,307	0,002	0,006	0,095	FALSE
0,029	0,330	0,000	0,007	0,021	FALSE
0,176	0,301	0,006	0,010	0,238	FALSE
0,054	0,309	0,002	0,012	0,071	FALSE
-0,003	0,309	0,000	0,006	0,004	FALSE
0,119	0,316	0,005	0,013	0,151	FALSE
-0,113	0,317	-0,003	0,009	0,142	FALSE
-0,022	0,304	-0,001	0,011	0,020	FALSE
0,102	0,310	0,003	0,011	0,103	FALSE
-0,056	0,306	-0,002	0,008	0,078	FALSE
0,187	0,294	0,004	0,007	0,260	FALSE
0,161	0,299	0,004	0,007	0,208	FALSE
0,018	0,318	0,001	0,013	0,028	FALSE
-0,009	0,317	0,000	0,013	0,001	FALSE

0,017	0,310	0,001	0,013	0,023	FALSE
0,012	0,317	0,001	0,013	0,015	FALSE
0,008	0,305	0,000	0,013	0,012	FALSE
0,042	0,308	0,000	0,012	0,007	FALSE
0,054	0,322	0,002	0,013	0,049	FALSE
0,020	0,313	0,001	0,007	0,029	FALSE
0,018	0,309	0,000	0,007	0,013	FALSE
0,135	0,286	0,005	0,011	0,166	FALSE
0,037	0,311	0,001	0,007	0,080	FALSE
-0,060	0,306	-0,002	0,009	0,067	FALSE
0,036	0,298	0,002	0,013	0,047	FALSE
0,110	0,309	0,003	0,009	0,163	FALSE
-0,015	0,315	0,000	0,009	0,018	FALSE
-0,002	0,290	0,000	0,008	0,003	FALSE
-0,061	0,317	-0,002	0,008	0,088	FALSE
0,089	0,317	0,002	0,008	0,095	FALSE
0,000	0,297	0,001	0,010	0,021	FALSE
-0,015	0,316	0,000	0,009	0,003	FALSE
0,031	0,304	0,001	0,011	0,026	FALSE
-0,124	0,295	-0,003	0,008	0,153	FALSE
-0,013	0,315	-0,001	0,008	0,034	FALSE
-0,061	0,306	-0,002	0,009	0,069	FALSE
0,007	0,301	0,000	0,012	0,009	FALSE
0,013	0,319	0,000	0,013	0,010	FALSE
0,028	0,302	0,001	0,008	0,044	FALSE
0,054	0,301	0,003	0,012	0,099	FALSE
-0,076	0,306	-0,001	0,007	0,074	FALSE
0,054	0,298	0,003	0,012	0,106	FALSE
-0,084	0,294	-0,003	0,009	0,137	FALSE
0,082	0,294	0,003	0,008	0,145	FALSE
0,008	0,297	0,001	0,008	0,045	FALSE
0,061	0,310	0,001	0,006	0,073	FALSE
-0,061	0,300	-0,001	0,008	0,069	FALSE
0,013	0,305	0,000	0,013	0,013	FALSE
-0,053	0,301	-0,001	0,011	0,027	FALSE
0,061	0,300	0,002	0,009	0,092	FALSE
0,002	0,295	0,000	0,009	0,009	FALSE
0,046	0,296	0,002	0,006	0,096	FALSE
0,117	0,305	0,002	0,006	0,138	FALSE
0,103	0,308	0,003	0,011	0,090	FALSE
0,066	0,307	0,002	0,012	0,053	FALSE
-0,093	0,317	-0,002	0,007	0,087	FALSE
-0,002	0,299	0,000	0,011	0,007	FALSE
-0,042	0,317	-0,001	0,007	0,079	FALSE
0,090	0,318	0,003	0,010	0,130	FALSE
0,011	0,308	0,000	0,010	0,004	FALSE
0,102	0,304	0,003	0,010	0,128	FALSE
0,007	0,308	0,000	0,007	0,017	FALSE
-0,102	0,318	-0,003	0,007	0,140	FALSE
0,141	0,307	0,003	0,007	0,169	FALSE
-0,048	0,318	-0,002	0,012	0,055	FALSE
0,094	0,317	0,003	0,010	0,120	FALSE
-0,018	0,321	-0,001	0,009	0,029	FALSE

0,093	0,299	0,002	0,009	0,107	FALSE
-0,012	0,319	0,000	0,011	0,000	FALSE
-0,051	0,323	-0,002	0,011	0,052	FALSE
0,085	0,304	0,003	0,010	0,129	FALSE
-0,104	0,296	-0,002	0,007	0,114	FALSE
0,099	0,304	0,004	0,011	0,145	FALSE
0,137	0,306	0,004	0,011	0,163	FALSE
0,027	0,312	0,001	0,009	0,030	FALSE
-0,161	0,293	-0,003	0,006	0,236	FALSE
-0,036	0,311	-0,002	0,012	0,055	FALSE
-0,053	0,315	-0,003	0,013	0,091	FALSE
0,038	0,298	0,001	0,009	0,048	FALSE
0,119	0,304	0,004	0,012	0,141	FALSE
0,122	0,310	0,005	0,013	0,152	FALSE
0,117	0,301	0,003	0,007	0,157	FALSE
-0,043	0,309	-0,001	0,008	0,025	FALSE
-0,091	0,306	-0,002	0,007	0,120	FALSE
-0,091	0,310	-0,004	0,012	0,118	FALSE
0,017	0,321	0,000	0,008	0,015	FALSE
-0,047	0,320	-0,001	0,007	0,046	FALSE
-0,090	0,315	-0,002	0,007	0,095	FALSE
-0,038	0,316	-0,002	0,012	0,049	FALSE
0,081	0,295	0,002	0,008	0,105	FALSE
-0,076	0,307	-0,001	0,009	0,041	FALSE
-0,083	0,308	-0,001	0,007	0,065	FALSE
-0,038	0,303	-0,001	0,007	0,035	FALSE
0,037	0,296	0,001	0,007	0,057	FALSE
-0,070	0,298	-0,002	0,012	0,075	FALSE
-0,006	0,313	-0,001	0,008	0,027	FALSE
0,063	0,302	0,002	0,009	0,077	FALSE
0,033	0,301	0,001	0,011	0,030	FALSE
-0,042	0,317	-0,002	0,010	0,064	FALSE
-0,087	0,300	-0,002	0,006	0,122	FALSE
-0,036	0,307	-0,001	0,011	0,029	FALSE
0,038	0,308	0,001	0,007	0,035	FALSE
-0,040	0,314	-0,001	0,009	0,027	FALSE
-0,060	0,311	-0,003	0,009	0,105	FALSE
-0,086	0,306	-0,002	0,006	0,098	FALSE
-0,072	0,301	-0,002	0,006	0,103	FALSE
-0,030	0,308	-0,001	0,011	0,023	FALSE
-0,031	0,311	-0,001	0,009	0,059	FALSE
-0,029	0,318	0,000	0,007	0,021	FALSE
-0,042	0,323	-0,001	0,008	0,037	FALSE
0,096	0,326	0,003	0,007	0,156	TRUE
0,032	0,313	0,001	0,012	0,041	FALSE
0,154	0,320	0,003	0,007	0,179	FALSE
-0,006	0,311	0,000	0,009	0,001	FALSE
-0,014	0,292	0,000	0,007	0,003	FALSE
-0,044	0,301	-0,001	0,008	0,039	FALSE
0,086	0,310	0,003	0,008	0,124	FALSE
0,077	0,290	0,002	0,006	0,139	FALSE
-0,032	0,320	-0,001	0,009	0,043	FALSE
0,100	0,295	0,004	0,012	0,137	FALSE

-0,080	0,289	-0,003	0,009	0,134	FALSE
0,044	0,309	0,000	0,007	0,025	FALSE
0,009	0,311	0,000	0,009	0,004	FALSE
-0,144	0,297	-0,005	0,010	0,217	FALSE
0,090	0,305	0,002	0,007	0,106	FALSE
0,037	0,302	0,001	0,009	0,058	FALSE
0,014	0,319	0,001	0,011	0,030	FALSE
0,033	0,312	0,001	0,007	0,036	FALSE
-0,055	0,310	-0,002	0,012	0,067	FALSE
-0,027	0,316	-0,001	0,012	0,032	FALSE
-0,104	0,306	-0,004	0,011	0,139	FALSE
-0,148	0,301	-0,005	0,009	0,213	FALSE
0,053	0,309	0,001	0,012	0,039	FALSE
0,023	0,295	0,000	0,008	0,008	FALSE
0,000	0,317	0,000	0,009	0,018	FALSE
0,005	0,302	-0,001	0,009	0,023	FALSE
0,080	0,309	0,002	0,008	0,093	FALSE
0,010	0,305	0,000	0,008	0,001	FALSE
-0,004	0,300	-0,001	0,011	0,017	FALSE
-0,002	0,310	-0,001	0,011	0,023	FALSE
0,061	0,316	0,002	0,013	0,045	FALSE
0,116	0,302	0,003	0,007	0,159	FALSE
0,066	0,311	0,002	0,007	0,087	FALSE
0,125	0,295	0,004	0,010	0,189	FALSE
-0,021	0,302	0,000	0,007	0,022	FALSE
-0,008	0,320	0,000	0,007	0,022	FALSE
-0,022	0,307	0,000	0,008	0,006	FALSE
-0,054	0,313	-0,002	0,011	0,064	FALSE
0,029	0,310	0,000	0,008	0,019	FALSE
0,069	0,308	0,002	0,007	0,124	FALSE
-0,019	0,311	0,000	0,009	0,002	FALSE
0,217	0,295	0,006	0,008	0,326	FALSE
-0,058	0,307	-0,001	0,007	0,075	FALSE
-0,130	0,292	-0,005	0,011	0,195	FALSE
-0,058	0,303	-0,002	0,010	0,092	FALSE
0,032	0,298	0,000	0,008	0,001	FALSE
-0,022	0,304	0,000	0,011	0,002	FALSE
-0,096	0,311	-0,005	0,014	0,157	FALSE
-0,012	0,308	-0,001	0,010	0,038	FALSE
-0,103	0,300	-0,005	0,011	0,169	FALSE
0,035	0,313	0,001	0,013	0,034	FALSE
-0,079	0,307	-0,002	0,009	0,072	FALSE
-0,109	0,308	-0,004	0,013	0,119	FALSE
0,073	0,314	0,002	0,007	0,130	FALSE
0,061	0,315	0,001	0,008	0,063	FALSE
0,077	0,315	0,002	0,009	0,077	FALSE
-0,069	0,283	-0,002	0,009	0,097	FALSE
0,104	0,295	0,003	0,010	0,142	FALSE
-0,027	0,315	-0,001	0,013	0,039	FALSE
-0,085	0,298	-0,003	0,009	0,149	FALSE
0,092	0,308	0,003	0,009	0,110	FALSE
0,038	0,314	0,001	0,008	0,026	FALSE
0,014	0,298	0,001	0,010	0,029	FALSE

0,030	0,322	0,001	0,007	0,029	FALSE
-0,028	0,307	-0,001	0,011	0,027	FALSE
0,016	0,300	0,001	0,011	0,026	FALSE
0,087	0,293	0,003	0,010	0,127	FALSE
-0,113	0,312	-0,004	0,011	0,137	FALSE
-0,017	0,310	0,000	0,007	0,009	FALSE
0,010	0,299	0,001	0,012	0,015	FALSE
-0,073	0,321	-0,003	0,013	0,094	FALSE
0,009	0,305	0,000	0,011	0,002	FALSE
-0,097	0,305	-0,004	0,012	0,131	FALSE
0,103	0,311	0,005	0,013	0,148	FALSE
-0,076	0,303	-0,002	0,009	0,092	FALSE
-0,072	0,307	-0,002	0,009	0,106	FALSE
0,058	0,312	0,001	0,007	0,070	FALSE
0,058	0,293	0,001	0,006	0,051	FALSE
-0,174	0,288	-0,004	0,007	0,251	FALSE
0,005	0,314	0,000	0,007	0,018	FALSE
0,026	0,309	0,000	0,007	0,011	FALSE
0,019	0,304	0,001	0,011	0,046	FALSE
-0,055	0,289	-0,001	0,009	0,052	FALSE
0,014	0,307	0,000	0,013	0,005	FALSE
0,010	0,313	0,000	0,012	0,011	FALSE
-0,041	0,302	-0,002	0,010	0,079	FALSE
-0,012	0,318	-0,001	0,012	0,045	FALSE
0,019	0,302	0,002	0,012	0,069	FALSE
-0,018	0,301	-0,001	0,007	0,049	FALSE
0,153	0,300	0,004	0,008	0,224	FALSE
0,087	0,302	0,003	0,009	0,113	FALSE
-0,083	0,292	-0,004	0,011	0,132	FALSE
-0,021	0,314	0,000	0,007	0,011	FALSE
-0,037	0,308	-0,001	0,008	0,028	FALSE
-0,126	0,305	-0,003	0,008	0,173	FALSE
-0,004	0,315	0,000	0,013	0,001	FALSE
-0,152	0,303	-0,004	0,008	0,183	FALSE
0,101	0,299	0,003	0,009	0,153	FALSE
-0,002	0,312	0,000	0,011	0,004	FALSE
-0,049	0,304	-0,001	0,011	0,032	FALSE
-0,020	0,315	-0,001	0,011	0,020	FALSE
-0,001	0,315	0,000	0,007	0,006	FALSE
-0,008	0,303	0,000	0,007	0,023	FALSE
0,077	0,305	0,003	0,007	0,147	FALSE
0,063	0,302	0,001	0,010	0,048	FALSE
0,088	0,305	0,003	0,010	0,121	FALSE
-0,031	0,309	-0,001	0,011	0,047	FALSE
-0,003	0,306	0,001	0,007	0,029	FALSE
0,092	0,312	0,002	0,007	0,115	FALSE
0,020	0,300	0,000	0,007	0,013	FALSE
-0,155	0,303	-0,004	0,008	0,220	FALSE
-0,031	0,300	-0,001	0,011	0,038	FALSE
-0,082	0,309	-0,002	0,009	0,102	FALSE
-0,064	0,313	-0,002	0,013	0,046	FALSE
-0,070	0,309	-0,002	0,007	0,088	FALSE
-0,082	0,295	-0,003	0,009	0,113	FALSE

0,054	0,306	0,001	0,007	0,045	FALSE
-0,104	0,317	-0,004	0,012	0,119	FALSE
0,003	0,319	0,001	0,012	0,019	FALSE
-0,018	0,281	0,000	0,007	0,014	FALSE
0,089	0,309	0,002	0,010	0,086	FALSE
0,015	0,291	0,001	0,007	0,030	FALSE
0,084	0,303	0,002	0,007	0,085	FALSE
-0,026	0,312	-0,001	0,010	0,039	FALSE
0,054	0,305	0,002	0,009	0,075	FALSE
0,021	0,306	0,001	0,012	0,028	FALSE
0,045	0,314	0,001	0,006	0,075	FALSE
0,004	0,318	0,000	0,007	0,014	FALSE
-0,084	0,294	-0,003	0,012	0,095	FALSE
0,099	0,300	0,002	0,007	0,119	FALSE
0,044	0,306	0,001	0,008	0,060	FALSE
0,091	0,313	0,002	0,007	0,138	FALSE
0,234	0,296	0,007	0,009	0,362	FALSE
0,103	0,309	0,003	0,010	0,127	FALSE
0,009	0,314	0,000	0,012	0,014	FALSE
-0,070	0,317	-0,002	0,008	0,103	FALSE
-0,073	0,289	-0,004	0,011	0,135	FALSE
0,087	0,295	0,004	0,012	0,132	FALSE
-0,105	0,290	-0,004	0,013	0,125	FALSE
-0,014	0,315	0,000	0,010	0,009	FALSE
0,006	0,307	0,001	0,013	0,016	FALSE
-0,018	0,298	0,000	0,009	0,016	FALSE
0,085	0,308	0,003	0,011	0,108	FALSE
0,031	0,318	0,001	0,009	0,032	FALSE
0,153	0,294	0,004	0,008	0,207	FALSE
0,128	0,298	0,005	0,012	0,195	FALSE
0,086	0,318	0,001	0,007	0,084	FALSE
-0,024	0,302	-0,001	0,012	0,041	FALSE
0,019	0,303	0,001	0,009	0,033	FALSE
0,032	0,311	0,001	0,009	0,037	FALSE
-0,020	0,302	-0,001	0,010	0,020	FALSE
-0,002	0,308	0,000	0,008	0,008	FALSE
0,046	0,311	0,002	0,013	0,047	FALSE
-0,045	0,299	-0,002	0,011	0,057	FALSE
-0,071	0,320	-0,003	0,012	0,103	FALSE
-0,004	0,316	-0,001	0,007	0,037	FALSE
0,004	0,312	0,000	0,006	0,003	FALSE
0,024	0,314	0,000	0,012	0,001	FALSE
-0,008	0,319	-0,001	0,013	0,031	FALSE
0,067	0,319	0,003	0,013	0,094	FALSE
0,004	0,297	0,000	0,008	0,013	FALSE
0,090	0,311	0,003	0,012	0,116	FALSE
-0,158	0,298	-0,005	0,009	0,217	FALSE
0,161	0,294	0,005	0,009	0,209	FALSE
0,030	0,310	0,002	0,012	0,054	FALSE
-0,051	0,304	-0,002	0,009	0,081	FALSE
-0,179	0,307	-0,006	0,010	0,245	FALSE
-0,136	0,299	-0,003	0,007	0,191	FALSE
0,082	0,308	0,001	0,006	0,067	FALSE

-0,048	0,315	0,000	0,006	0,029	FALSE
0,100	0,322	0,003	0,011	0,118	FALSE
0,138	0,316	0,003	0,008	0,151	FALSE
0,023	0,309	0,001	0,009	0,040	FALSE
0,065	0,316	0,002	0,007	0,101	FALSE
-0,006	0,295	0,001	0,011	0,026	FALSE
0,120	0,306	0,006	0,012	0,205	FALSE
-0,163	0,299	-0,005	0,009	0,227	FALSE
0,000	0,315	-0,001	0,012	0,023	FALSE
-0,121	0,319	-0,003	0,009	0,151	FALSE
0,060	0,304	0,003	0,011	0,092	FALSE
-0,173	0,304	-0,004	0,007	0,238	FALSE
-0,074	0,310	-0,002	0,008	0,107	FALSE
-0,107	0,305	-0,002	0,006	0,148	FALSE
0,006	0,311	0,000	0,008	0,008	FALSE
-0,127	0,305	-0,003	0,008	0,185	FALSE
0,077	0,303	0,002	0,012	0,076	FALSE
-0,051	0,316	-0,001	0,010	0,050	FALSE
0,048	0,313	0,001	0,012	0,041	FALSE
0,033	0,310	0,001	0,009	0,027	FALSE
0,082	0,314	0,002	0,007	0,109	FALSE
0,053	0,293	0,001	0,008	0,064	FALSE
0,098	0,313	0,003	0,009	0,119	FALSE
0,098	0,303	0,003	0,008	0,167	FALSE
-0,192	0,300	-0,004	0,007	0,277	FALSE
0,051	0,304	0,001	0,007	0,061	FALSE
-0,057	0,296	-0,001	0,006	0,055	FALSE
-0,098	0,296	-0,002	0,006	0,126	FALSE
0,009	0,306	0,000	0,010	0,012	FALSE
-0,019	0,310	0,000	0,007	0,027	FALSE
-0,073	0,302	-0,004	0,011	0,153	FALSE
0,042	0,314	0,001	0,010	0,049	FALSE
0,042	0,315	0,002	0,013	0,058	FALSE
-0,077	0,317	-0,002	0,008	0,092	FALSE
0,081	0,306	0,003	0,011	0,095	FALSE
-0,025	0,322	-0,001	0,008	0,032	FALSE
-0,096	0,311	-0,003	0,008	0,143	FALSE
-0,030	0,307	-0,001	0,007	0,032	FALSE
0,027	0,322	0,001	0,007	0,051	FALSE
-0,084	0,312	-0,003	0,011	0,097	FALSE
-0,008	0,311	0,000	0,009	0,012	FALSE
0,045	0,289	0,003	0,012	0,081	FALSE
-0,014	0,316	-0,001	0,013	0,031	FALSE
0,046	0,300	0,002	0,009	0,065	FALSE
0,037	0,303	0,001	0,010	0,027	FALSE
0,009	0,307	0,001	0,008	0,032	FALSE
-0,010	0,304	-0,001	0,012	0,027	FALSE
0,053	0,319	0,002	0,013	0,068	FALSE
-0,021	0,296	0,000	0,008	0,000	FALSE
0,029	0,306	0,001	0,007	0,027	FALSE
0,004	0,302	0,001	0,011	0,026	FALSE
-0,076	0,314	-0,002	0,008	0,095	FALSE
-0,128	0,303	-0,003	0,007	0,163	FALSE

0,107	0,310	0,002	0,008	0,128	FALSE
0,057	0,311	0,001	0,012	0,045	FALSE
-0,054	0,300	-0,002	0,013	0,045	FALSE
0,097	0,312	0,003	0,009	0,154	FALSE
0,031	0,319	0,001	0,010	0,038	FALSE
0,158	0,309	0,005	0,011	0,205	FALSE
-0,048	0,304	-0,001	0,007	0,065	FALSE
0,116	0,308	0,004	0,012	0,112	FALSE
0,051	0,303	0,002	0,010	0,058	FALSE
0,081	0,311	0,003	0,011	0,120	FALSE
-0,014	0,314	-0,001	0,007	0,041	FALSE
0,021	0,300	0,000	0,012	0,008	FALSE
0,057	0,307	0,001	0,008	0,046	FALSE
-0,004	0,315	0,001	0,011	0,018	FALSE
-0,073	0,308	-0,003	0,009	0,107	FALSE
-0,031	0,303	-0,001	0,012	0,037	FALSE
-0,035	0,299	-0,001	0,008	0,034	FALSE
-0,078	0,299	-0,002	0,011	0,068	FALSE
-0,089	0,321	-0,002	0,008	0,102	FALSE
0,113	0,299	0,004	0,010	0,155	FALSE
0,150	0,302	0,004	0,008	0,188	FALSE
0,142	0,294	0,003	0,007	0,171	FALSE
-0,083	0,305	-0,003	0,012	0,099	FALSE
0,011	0,315	0,001	0,008	0,024	FALSE
0,128	0,307	0,005	0,013	0,145	FALSE
0,114	0,297	0,003	0,007	0,196	FALSE
-0,040	0,291	-0,002	0,009	0,068	FALSE
-0,025	0,303	0,000	0,007	0,013	FALSE
0,000	0,318	0,000	0,007	0,017	FALSE
-0,111	0,314	-0,004	0,011	0,143	FALSE
-0,123	0,302	-0,004	0,009	0,183	FALSE
-0,128	0,304	-0,005	0,013	0,137	FALSE
0,081	0,303	0,003	0,011	0,105	FALSE
0,052	0,315	0,001	0,012	0,041	FALSE
-0,017	0,313	-0,001	0,009	0,022	FALSE
0,003	0,306	0,000	0,008	0,003	FALSE
0,057	0,309	0,002	0,006	0,092	FALSE
-0,026	0,316	-0,001	0,010	0,031	FALSE
-0,029	0,316	-0,001	0,010	0,040	FALSE
0,027	0,312	0,002	0,013	0,048	FALSE
0,008	0,302	0,000	0,008	0,004	FALSE
0,036	0,307	0,001	0,010	0,045	FALSE
-0,104	0,301	-0,004	0,010	0,164	FALSE
0,095	0,305	0,004	0,012	0,124	FALSE
0,070	0,314	0,002	0,009	0,066	FALSE
0,091	0,312	0,003	0,008	0,121	FALSE
-0,055	0,306	-0,002	0,008	0,084	FALSE
-0,003	0,310	0,000	0,007	0,002	FALSE
-0,115	0,311	-0,003	0,007	0,169	FALSE
-0,203	0,294	-0,005	0,007	0,310	FALSE
-0,039	0,297	-0,001	0,012	0,032	FALSE
-0,017	0,308	0,000	0,013	0,008	FALSE
0,156	0,315	0,006	0,013	0,200	FALSE

-0,026	0,299	0,000	0,008	0,012	FALSE
-0,031	0,298	-0,002	0,011	0,058	FALSE
-0,029	0,322	-0,001	0,011	0,033	FALSE
-0,142	0,309	-0,005	0,010	0,182	FALSE
0,029	0,302	0,000	0,007	0,026	FALSE
-0,015	0,309	0,000	0,012	0,005	FALSE
-0,002	0,312	-0,001	0,010	0,018	FALSE
-0,080	0,312	-0,001	0,006	0,055	FALSE
0,000	0,300	0,000	0,007	0,016	FALSE
-0,021	0,312	-0,001	0,013	0,017	FALSE
0,073	0,307	0,002	0,007	0,120	FALSE
-0,018	0,305	-0,001	0,009	0,035	FALSE
0,044	0,311	0,001	0,009	0,043	FALSE
0,058	0,318	0,001	0,009	0,056	FALSE
-0,121	0,312	-0,002	0,006	0,131	FALSE
-0,075	0,296	-0,002	0,008	0,102	FALSE
-0,065	0,320	-0,001	0,007	0,073	FALSE
0,088	0,302	0,003	0,010	0,121	FALSE
0,097	0,302	0,003	0,010	0,125	FALSE
-0,086	0,297	-0,004	0,011	0,121	FALSE
0,053	0,308	0,001	0,008	0,043	FALSE
0,037	0,307	0,001	0,012	0,028	FALSE
-0,027	0,315	-0,001	0,010	0,025	FALSE
-0,056	0,312	-0,001	0,007	0,060	FALSE
-0,089	0,294	-0,004	0,011	0,127	FALSE
-0,059	0,312	-0,002	0,010	0,080	FALSE
-0,071	0,320	-0,002	0,008	0,087	FALSE
-0,031	0,315	-0,001	0,008	0,045	FALSE
0,100	0,305	0,004	0,011	0,159	FALSE
0,018	0,310	0,001	0,012	0,030	FALSE
-0,060	0,303	-0,001	0,008	0,068	FALSE
-0,067	0,295	-0,001	0,007	0,066	FALSE
-0,079	0,309	-0,001	0,007	0,076	FALSE
-0,082	0,306	-0,002	0,008	0,074	FALSE
0,110	0,299	0,002	0,007	0,125	FALSE
-0,023	0,310	-0,001	0,007	0,034	FALSE
-0,031	0,308	-0,002	0,010	0,056	FALSE
-0,114	0,314	-0,002	0,007	0,134	FALSE
0,068	0,314	0,002	0,009	0,087	FALSE
-0,068	0,312	-0,003	0,009	0,104	FALSE
0,069	0,307	0,002	0,007	0,076	FALSE
0,048	0,300	0,001	0,007	0,052	FALSE
-0,094	0,305	-0,002	0,007	0,114	FALSE
-0,043	0,313	-0,002	0,012	0,070	FALSE
0,017	0,314	0,001	0,011	0,036	FALSE
0,027	0,325	0,002	0,013	0,051	FALSE
0,180	0,292	0,008	0,012	0,298	FALSE
0,056	0,305	0,003	0,012	0,088	FALSE
-0,028	0,317	0,000	0,008	0,016	FALSE
0,007	0,310	0,000	0,009	0,006	FALSE
0,013	0,321	0,000	0,008	0,006	FALSE
0,009	0,311	0,000	0,008	0,007	FALSE
0,096	0,307	0,003	0,009	0,124	FALSE

0,049	0,307	0,002	0,011	0,068	FALSE
-0,046	0,295	-0,003	0,012	0,093	FALSE
-0,017	0,317	0,000	0,007	0,026	FALSE
0,101	0,294	0,002	0,007	0,116	FALSE
0,069	0,302	0,002	0,011	0,071	FALSE
0,035	0,326	0,001	0,009	0,039	FALSE
-0,065	0,316	-0,002	0,006	0,096	FALSE
0,035	0,313	0,001	0,008	0,064	FALSE
0,060	0,315	0,001	0,013	0,033	FALSE
-0,018	0,309	0,000	0,007	0,004	FALSE
-0,003	0,309	0,000	0,008	0,015	FALSE
0,027	0,298	0,000	0,009	0,001	FALSE
0,017	0,315	0,000	0,009	0,003	FALSE
-0,021	0,292	0,000	0,010	0,006	FALSE
-0,042	0,306	-0,001	0,007	0,034	FALSE
0,013	0,288	0,000	0,010	0,005	FALSE
0,031	0,304	0,002	0,012	0,071	FALSE
-0,064	0,319	-0,002	0,007	0,087	FALSE
-0,040	0,300	-0,002	0,008	0,081	FALSE
-0,035	0,302	-0,001	0,006	0,029	FALSE
0,087	0,303	0,005	0,013	0,151	FALSE
0,000	0,312	0,000	0,011	0,017	FALSE
-0,027	0,319	0,000	0,007	0,022	FALSE
0,041	0,321	0,002	0,013	0,047	FALSE
-0,029	0,312	-0,001	0,009	0,044	FALSE
-0,011	0,305	0,000	0,011	0,003	FALSE
-0,159	0,294	-0,004	0,007	0,231	FALSE
-0,012	0,300	0,000	0,012	0,007	FALSE
0,005	0,284	0,001	0,011	0,025	FALSE
-0,013	0,306	0,000	0,012	0,001	FALSE
-0,074	0,296	-0,001	0,006	0,085	FALSE
-0,031	0,287	-0,001	0,012	0,045	FALSE
-0,054	0,296	-0,002	0,008	0,073	FALSE
0,004	0,307	0,000	0,008	0,013	FALSE
-0,094	0,301	-0,004	0,013	0,124	FALSE
0,018	0,308	0,001	0,013	0,015	FALSE
0,005	0,316	0,000	0,011	0,009	FALSE
0,112	0,307	0,004	0,012	0,119	FALSE
-0,053	0,313	-0,001	0,010	0,041	FALSE
-0,081	0,304	-0,002	0,011	0,090	FALSE
-0,037	0,313	0,000	0,007	0,012	FALSE
0,041	0,309	0,002	0,011	0,075	FALSE
0,058	0,312	0,003	0,013	0,091	FALSE
-0,003	0,308	0,000	0,012	0,012	FALSE
-0,090	0,313	-0,002	0,007	0,111	FALSE
0,033	0,313	0,001	0,009	0,059	FALSE
-0,024	0,309	0,000	0,010	0,005	FALSE
0,147	0,294	0,005	0,008	0,233	FALSE
-0,020	0,300	-0,001	0,007	0,029	FALSE
0,019	0,310	0,000	0,008	0,000	FALSE
-0,015	0,298	0,000	0,009	0,010	FALSE
-0,024	0,304	-0,001	0,012	0,035	FALSE
-0,060	0,305	-0,003	0,012	0,085	FALSE

-0,026	0,304	-0,001	0,008	0,033	FALSE
0,001	0,300	-0,001	0,013	0,041	FALSE
0,007	0,311	0,000	0,012	0,012	FALSE
0,045	0,320	0,001	0,009	0,052	FALSE
-0,122	0,304	-0,004	0,012	0,151	FALSE
-0,112	0,317	-0,003	0,010	0,133	FALSE
-0,108	0,294	-0,003	0,008	0,142	FALSE
-0,137	0,301	-0,006	0,011	0,201	FALSE
-0,054	0,302	-0,001	0,008	0,054	FALSE
0,036	0,321	0,001	0,007	0,041	FALSE
0,093	0,306	0,003	0,009	0,106	FALSE
0,149	0,302	0,003	0,007	0,179	FALSE
0,077	0,309	0,002	0,010	0,077	FALSE
0,067	0,319	0,002	0,010	0,073	FALSE
-0,092	0,325	-0,002	0,007	0,099	FALSE
-0,002	0,307	0,001	0,010	0,043	FALSE
-0,095	0,301	-0,004	0,010	0,157	FALSE
-0,100	0,308	-0,005	0,012	0,157	FALSE
0,043	0,303	0,001	0,008	0,067	FALSE
-0,099	0,291	-0,002	0,008	0,102	FALSE
0,048	0,278	0,002	0,011	0,052	FALSE
-0,076	0,302	-0,002	0,008	0,085	FALSE
-0,029	0,316	0,000	0,008	0,008	FALSE
-0,035	0,286	-0,001	0,009	0,050	FALSE
-0,011	0,305	0,000	0,012	0,008	FALSE
-0,079	0,297	-0,002	0,010	0,072	FALSE
0,141	0,293	0,005	0,013	0,169	FALSE
0,119	0,311	0,004	0,012	0,137	FALSE
-0,080	0,295	-0,002	0,009	0,091	FALSE
0,051	0,308	0,002	0,010	0,089	FALSE
-0,017	0,305	0,000	0,007	0,014	FALSE
0,023	0,318	0,000	0,012	0,009	FALSE
0,022	0,299	0,000	0,010	0,008	FALSE
0,020	0,313	0,001	0,011	0,046	FALSE
-0,098	0,305	-0,002	0,006	0,132	FALSE
0,026	0,316	0,001	0,008	0,025	FALSE
-0,072	0,308	-0,003	0,012	0,079	FALSE
0,021	0,310	0,001	0,007	0,041	FALSE
0,015	0,306	0,001	0,007	0,029	FALSE
-0,016	0,317	0,000	0,011	0,007	FALSE
-0,037	0,306	-0,001	0,011	0,032	FALSE
-0,010	0,316	0,000	0,011	0,004	FALSE
-0,125	0,322	-0,003	0,007	0,168	FALSE
0,073	0,300	0,002	0,012	0,057	FALSE
-0,067	0,301	-0,003	0,011	0,105	FALSE
0,066	0,305	0,003	0,009	0,116	FALSE
-0,080	0,297	-0,002	0,007	0,130	FALSE
-0,011	0,309	0,000	0,007	0,006	FALSE
-0,023	0,312	0,000	0,013	0,009	FALSE
0,103	0,312	0,004	0,011	0,148	FALSE
-0,016	0,311	0,000	0,007	0,009	FALSE
-0,112	0,307	-0,002	0,008	0,120	FALSE
0,062	0,305	0,002	0,013	0,065	FALSE

-0,047	0,304	-0,002	0,010	0,074	FALSE
-0,069	0,314	-0,002	0,007	0,090	FALSE
-0,058	0,302	-0,003	0,011	0,090	FALSE
-0,068	0,313	-0,003	0,012	0,093	FALSE
0,021	0,308	0,001	0,007	0,030	FALSE
-0,064	0,287	-0,003	0,011	0,106	FALSE
-0,137	0,325	-0,004	0,008	0,175	FALSE
0,182	0,296	0,007	0,012	0,266	FALSE
-0,079	0,315	-0,002	0,007	0,101	FALSE
0,044	0,307	0,001	0,012	0,041	FALSE
-0,016	0,300	0,000	0,008	0,008	FALSE
0,043	0,306	0,002	0,010	0,063	FALSE
-0,004	0,314	0,000	0,007	0,016	FALSE
-0,094	0,309	-0,003	0,010	0,107	FALSE
-0,041	0,305	-0,002	0,008	0,071	FALSE
0,032	0,321	0,001	0,007	0,055	FALSE
-0,062	0,305	-0,002	0,010	0,087	FALSE
0,046	0,306	0,003	0,009	0,110	FALSE
-0,019	0,310	-0,001	0,008	0,032	FALSE
-0,109	0,310	-0,005	0,013	0,156	FALSE
-0,078	0,307	-0,003	0,012	0,104	FALSE
0,007	0,305	0,000	0,008	0,002	FALSE
0,049	0,295	0,002	0,013	0,050	FALSE
0,122	0,304	0,004	0,011	0,148	FALSE
0,041	0,301	0,000	0,013	0,008	FALSE
-0,057	0,292	-0,002	0,007	0,120	FALSE
0,041	0,301	0,000	0,009	0,015	FALSE
0,061	0,308	0,001	0,007	0,051	FALSE
0,062	0,316	0,002	0,007	0,083	FALSE
0,132	0,314	0,003	0,006	0,165	FALSE
0,089	0,323	0,003	0,010	0,105	FALSE
-0,100	0,322	-0,004	0,013	0,114	FALSE
-0,018	0,297	-0,001	0,006	0,034	FALSE
-0,088	0,305	-0,003	0,007	0,138	FALSE
0,051	0,302	0,002	0,008	0,073	FALSE
-0,046	0,299	-0,001	0,006	0,051	FALSE
0,017	0,303	0,000	0,006	0,012	FALSE
0,023	0,315	0,001	0,012	0,033	FALSE
-0,048	0,304	-0,002	0,011	0,077	FALSE
0,030	0,315	0,001	0,008	0,033	FALSE
0,081	0,307	0,001	0,006	0,089	FALSE
0,107	0,302	0,002	0,006	0,097	FALSE
0,083	0,310	0,001	0,006	0,070	FALSE
0,123	0,311	0,004	0,009	0,180	FALSE
-0,118	0,318	-0,003	0,008	0,146	FALSE
0,027	0,304	0,001	0,010	0,026	FALSE
-0,044	0,308	-0,002	0,009	0,067	FALSE
-0,044	0,302	-0,002	0,008	0,072	FALSE
0,051	0,317	0,002	0,012	0,074	FALSE
-0,011	0,302	0,000	0,012	0,006	FALSE
-0,035	0,302	-0,001	0,012	0,031	FALSE
-0,037	0,324	-0,001	0,013	0,031	FALSE
0,004	0,302	0,000	0,012	0,006	FALSE

0,051	0,299	0,002	0,009	0,077	FALSE
-0,081	0,310	-0,003	0,010	0,131	FALSE
-0,101	0,302	-0,004	0,009	0,162	FALSE
-0,036	0,302	-0,001	0,010	0,047	FALSE
0,107	0,310	0,004	0,012	0,143	FALSE
0,039	0,304	0,002	0,008	0,077	FALSE
0,160	0,292	0,006	0,012	0,223	FALSE
0,164	0,299	0,006	0,012	0,226	FALSE
-0,004	0,301	0,000	0,008	0,021	FALSE
-0,001	0,314	-0,001	0,012	0,020	FALSE
0,006	0,301	0,000	0,009	0,014	FALSE
0,052	0,291	0,001	0,011	0,033	FALSE
0,000	0,303	-0,001	0,009	0,042	FALSE
-0,052	0,317	-0,001	0,007	0,037	FALSE
-0,087	0,305	-0,002	0,010	0,094	FALSE
-0,011	0,308	0,000	0,011	0,007	FALSE
-0,095	0,298	-0,001	0,006	0,076	FALSE
0,042	0,307	0,000	0,008	0,021	FALSE
0,088	0,302	0,003	0,009	0,118	FALSE
0,154	0,294	0,004	0,008	0,252	FALSE
0,068	0,300	0,001	0,009	0,059	FALSE
0,016	0,307	0,001	0,009	0,042	FALSE
0,064	0,307	0,002	0,012	0,054	FALSE
-0,136	0,308	-0,006	0,012	0,204	FALSE
-0,178	0,299	-0,006	0,010	0,256	FALSE
-0,170	0,303	-0,006	0,010	0,245	FALSE
-0,012	0,320	0,000	0,009	0,012	FALSE
0,051	0,296	0,002	0,011	0,053	FALSE
0,106	0,311	0,003	0,008	0,146	FALSE
-0,028	0,301	-0,001	0,007	0,049	FALSE
-0,050	0,287	-0,002	0,010	0,064	FALSE
-0,062	0,308	-0,001	0,007	0,059	FALSE
0,041	0,304	0,002	0,012	0,047	FALSE
0,028	0,310	0,001	0,008	0,028	FALSE
-0,075	0,309	-0,003	0,011	0,116	FALSE
0,070	0,297	0,002	0,007	0,089	FALSE
0,064	0,307	0,003	0,011	0,114	FALSE
-0,055	0,313	-0,001	0,007	0,055	FALSE
-0,008	0,304	-0,001	0,013	0,015	FALSE
0,022	0,306	0,001	0,013	0,022	FALSE
0,029	0,296	0,001	0,009	0,024	FALSE
-0,049	0,316	-0,002	0,008	0,082	FALSE
-0,060	0,311	-0,001	0,007	0,040	FALSE
0,144	0,293	0,006	0,011	0,231	FALSE
-0,074	0,302	-0,002	0,009	0,076	FALSE
-0,072	0,300	-0,002	0,010	0,092	FALSE
-0,059	0,306	-0,002	0,008	0,092	FALSE
0,021	0,304	0,000	0,007	0,009	FALSE
0,031	0,292	0,001	0,011	0,021	FALSE
0,104	0,304	0,002	0,006	0,139	FALSE
0,065	0,305	0,002	0,008	0,086	FALSE
-0,002	0,306	-0,001	0,008	0,038	FALSE
0,097	0,308	0,002	0,006	0,121	FALSE

0,033	0,303	0,001	0,013	0,032	FALSE
0,037	0,310	0,001	0,008	0,035	FALSE
0,031	0,318	0,001	0,008	0,035	FALSE
0,034	0,310	0,001	0,013	0,034	FALSE
-0,043	0,305	-0,002	0,011	0,057	FALSE
0,030	0,316	0,000	0,008	0,022	FALSE
-0,017	0,304	0,000	0,009	0,017	FALSE
0,034	0,305	0,001	0,009	0,045	FALSE
-0,008	0,311	0,000	0,009	0,001	FALSE
-0,136	0,308	-0,004	0,008	0,205	FALSE
0,102	0,310	0,003	0,009	0,130	FALSE
0,068	0,294	0,002	0,009	0,097	FALSE
-0,026	0,321	-0,001	0,010	0,029	FALSE
-0,108	0,300	-0,004	0,011	0,130	FALSE
0,024	0,294	0,001	0,007	0,051	FALSE
-0,085	0,293	-0,002	0,007	0,102	FALSE
-0,039	0,294	-0,001	0,012	0,041	FALSE
0,012	0,314	0,001	0,011	0,030	FALSE
-0,116	0,291	-0,003	0,008	0,140	FALSE
-0,032	0,312	-0,002	0,013	0,057	FALSE
0,000	0,305	0,000	0,007	0,004	FALSE
-0,106	0,302	-0,003	0,008	0,132	FALSE
0,010	0,307	0,001	0,013	0,039	FALSE
-0,114	0,299	-0,002	0,007	0,139	FALSE
0,103	0,278	0,003	0,010	0,134	FALSE
0,030	0,304	0,000	0,011	0,013	FALSE
0,130	0,271	0,004	0,010	0,176	FALSE
0,062	0,318	0,001	0,007	0,064	FALSE
0,154	0,298	0,003	0,006	0,187	FALSE
0,021	0,315	0,001	0,007	0,027	FALSE
0,000	0,316	0,000	0,011	0,005	FALSE
0,064	0,292	0,002	0,008	0,095	FALSE
-0,040	0,296	-0,002	0,013	0,049	FALSE
-0,008	0,309	0,000	0,006	0,009	FALSE
-0,024	0,301	-0,001	0,007	0,030	FALSE
0,035	0,299	0,001	0,007	0,042	FALSE
-0,062	0,316	-0,002	0,008	0,082	FALSE
-0,052	0,308	-0,002	0,012	0,069	FALSE
0,045	0,308	0,001	0,008	0,055	FALSE
-0,046	0,289	-0,001	0,009	0,049	FALSE
0,122	0,296	0,005	0,012	0,165	FALSE
-0,014	0,306	0,000	0,010	0,008	FALSE
-0,110	0,306	-0,003	0,011	0,126	FALSE
-0,004	0,303	0,000	0,007	0,007	FALSE
-0,051	0,317	-0,001	0,007	0,077	FALSE
-0,120	0,299	-0,005	0,011	0,175	FALSE
0,052	0,305	0,001	0,006	0,039	FALSE
0,036	0,297	0,001	0,012	0,022	FALSE
0,047	0,324	0,002	0,013	0,060	FALSE
0,109	0,311	0,003	0,007	0,146	FALSE
-0,072	0,302	-0,003	0,012	0,094	FALSE
-0,106	0,287	-0,003	0,009	0,155	FALSE
-0,038	0,311	-0,001	0,008	0,052	FALSE

-0,028	0,308	-0,001	0,008	0,045	FALSE
0,016	0,310	0,001	0,007	0,046	FALSE
0,032	0,310	0,001	0,011	0,028	FALSE
-0,024	0,306	-0,001	0,010	0,038	FALSE
-0,039	0,305	-0,003	0,013	0,083	FALSE
-0,132	0,315	-0,003	0,006	0,161	FALSE
-0,055	0,310	-0,002	0,013	0,052	FALSE
0,034	0,313	0,001	0,009	0,055	FALSE
-0,042	0,309	-0,001	0,009	0,044	FALSE
0,088	0,303	0,004	0,011	0,124	FALSE
-0,127	0,303	-0,005	0,010	0,188	FALSE
-0,018	0,310	0,000	0,010	0,015	FALSE
0,087	0,294	0,003	0,010	0,130	FALSE
-0,099	0,298	-0,002	0,008	0,107	FALSE
-0,110	0,303	-0,004	0,010	0,151	FALSE
0,014	0,308	0,000	0,007	0,014	FALSE
-0,087	0,310	-0,004	0,011	0,137	FALSE
-0,080	0,305	-0,002	0,010	0,082	FALSE
-0,043	0,311	-0,002	0,013	0,070	FALSE
0,072	0,292	0,002	0,011	0,082	FALSE
0,053	0,307	0,002	0,013	0,057	FALSE
-0,022	0,330	-0,001	0,012	0,033	FALSE
-0,038	0,311	-0,002	0,011	0,055	FALSE
0,061	0,318	0,001	0,006	0,079	FALSE
-0,021	0,306	0,000	0,007	0,010	FALSE
-0,022	0,317	0,000	0,007	0,013	FALSE
-0,036	0,304	-0,002	0,009	0,074	FALSE
-0,008	0,299	-0,001	0,012	0,020	FALSE
0,023	0,323	0,001	0,013	0,020	FALSE
0,052	0,317	0,002	0,008	0,073	FALSE
0,016	0,306	0,001	0,008	0,040	FALSE
-0,008	0,311	0,000	0,009	0,002	FALSE
0,019	0,306	0,002	0,013	0,045	FALSE
0,084	0,298	0,004	0,011	0,139	FALSE
-0,026	0,316	-0,002	0,011	0,050	FALSE
0,041	0,325	0,003	0,012	0,079	FALSE
-0,052	0,317	-0,001	0,007	0,070	FALSE
-0,029	0,311	-0,001	0,007	0,040	FALSE
-0,027	0,307	0,000	0,007	0,001	FALSE
-0,074	0,304	-0,002	0,007	0,092	FALSE
-0,051	0,308	-0,001	0,007	0,059	FALSE
0,007	0,313	0,000	0,006	0,010	FALSE
-0,005	0,304	0,000	0,006	0,008	FALSE
-0,079	0,311	-0,002	0,010	0,082	FALSE
-0,019	0,297	-0,001	0,008	0,062	FALSE
0,007	0,305	0,000	0,008	0,009	FALSE
-0,102	0,292	-0,004	0,009	0,186	FALSE
0,035	0,299	0,001	0,011	0,043	FALSE
0,108	0,309	0,004	0,009	0,155	FALSE
-0,105	0,320	-0,003	0,009	0,148	FALSE
-0,026	0,303	-0,001	0,007	0,032	FALSE
0,114	0,310	0,005	0,010	0,198	FALSE
-0,140	0,304	-0,004	0,009	0,194	FALSE

0,156	0,295	0,004	0,009	0,223	FALSE
-0,041	0,305	-0,001	0,008	0,032	FALSE
-0,070	0,316	-0,003	0,010	0,106	FALSE
-0,083	0,284	-0,003	0,010	0,106	FALSE
0,041	0,309	0,001	0,010	0,050	FALSE
-0,074	0,301	-0,003	0,012	0,085	FALSE
-0,076	0,297	-0,002	0,007	0,107	FALSE
-0,038	0,322	-0,001	0,008	0,038	FALSE
-0,017	0,306	-0,001	0,011	0,026	FALSE
0,007	0,294	0,001	0,006	0,043	FALSE
-0,005	0,311	-0,001	0,010	0,020	FALSE
0,054	0,309	0,002	0,007	0,081	FALSE
-0,011	0,304	0,000	0,008	0,019	FALSE
0,068	0,311	0,003	0,012	0,092	FALSE
0,070	0,315	0,002	0,012	0,069	FALSE
0,089	0,302	0,002	0,011	0,080	FALSE
-0,065	0,310	-0,001	0,007	0,074	FALSE
0,037	0,303	0,001	0,012	0,032	FALSE
-0,030	0,308	-0,002	0,009	0,074	FALSE
0,000	0,302	0,000	0,007	0,019	FALSE
0,058	0,308	0,003	0,012	0,082	FALSE
-0,007	0,315	0,000	0,008	0,002	FALSE
0,024	0,309	0,000	0,010	0,013	FALSE
-0,019	0,327	0,000	0,007	0,008	FALSE
0,105	0,301	0,004	0,011	0,152	FALSE
-0,166	0,303	-0,006	0,011	0,261	FALSE
0,079	0,297	0,003	0,012	0,105	FALSE
-0,038	0,321	-0,002	0,012	0,058	FALSE
0,121	0,286	0,002	0,006	0,118	FALSE
-0,139	0,314	-0,005	0,011	0,195	FALSE
-0,052	0,312	-0,001	0,008	0,042	FALSE
-0,032	0,286	0,000	0,008	0,002	FALSE
0,068	0,302	0,004	0,010	0,141	FALSE
0,059	0,320	0,002	0,008	0,095	FALSE
0,014	0,298	0,000	0,006	0,009	FALSE
-0,001	0,294	0,000	0,006	0,022	FALSE
-0,042	0,291	-0,001	0,007	0,050	FALSE
-0,055	0,299	-0,002	0,009	0,088	FALSE
-0,040	0,307	-0,001	0,011	0,023	FALSE
0,123	0,299	0,005	0,012	0,194	FALSE
0,071	0,318	0,004	0,013	0,118	FALSE
0,089	0,298	0,003	0,009	0,130	FALSE
-0,016	0,321	-0,001	0,013	0,020	FALSE
0,035	0,309	0,001	0,009	0,035	FALSE
0,027	0,320	0,001	0,011	0,043	FALSE
-0,067	0,313	-0,002	0,011	0,081	FALSE
0,100	0,312	0,003	0,009	0,157	FALSE
-0,001	0,315	0,000	0,011	0,004	FALSE
-0,022	0,316	-0,001	0,011	0,046	FALSE
-0,032	0,322	-0,001	0,009	0,037	FALSE
0,059	0,301	0,002	0,009	0,091	FALSE
0,064	0,314	0,003	0,012	0,091	FALSE
-0,036	0,316	-0,001	0,011	0,042	FALSE

0,048	0,304	0,001	0,008	0,041	FALSE
-0,083	0,318	-0,003	0,013	0,080	FALSE
0,095	0,312	0,002	0,008	0,112	FALSE
-0,040	0,312	-0,002	0,011	0,071	FALSE
0,058	0,323	0,003	0,012	0,083	FALSE
0,108	0,304	0,004	0,010	0,156	FALSE
-0,105	0,301	-0,005	0,012	0,161	FALSE
-0,060	0,298	-0,002	0,008	0,089	FALSE
0,033	0,298	0,001	0,007	0,040	FALSE
0,028	0,294	0,001	0,007	0,070	FALSE
-0,013	0,307	0,000	0,012	0,003	FALSE
0,007	0,312	0,001	0,012	0,029	FALSE
-0,144	0,288	-0,007	0,012	0,236	FALSE
-0,046	0,312	-0,001	0,007	0,055	FALSE
0,103	0,306	0,004	0,010	0,189	FALSE
-0,015	0,303	-0,002	0,012	0,075	FALSE
-0,081	0,312	-0,003	0,011	0,096	FALSE
-0,016	0,290	-0,001	0,011	0,016	FALSE
0,043	0,306	0,001	0,009	0,048	FALSE
-0,011	0,303	0,001	0,011	0,027	FALSE
0,049	0,305	0,002	0,012	0,070	FALSE
-0,057	0,314	-0,001	0,007	0,070	FALSE
-0,067	0,313	-0,003	0,011	0,091	FALSE
-0,092	0,312	-0,002	0,007	0,105	FALSE
-0,047	0,302	-0,001	0,008	0,022	FALSE
-0,007	0,332	-0,001	0,013	0,015	FALSE
0,012	0,297	0,000	0,008	0,016	FALSE
0,017	0,299	0,001	0,006	0,046	FALSE
0,000	0,303	0,000	0,007	0,022	FALSE
-0,090	0,310	-0,005	0,012	0,152	FALSE
-0,021	0,301	0,000	0,008	0,017	FALSE
-0,011	0,298	0,000	0,007	0,009	FALSE
-0,012	0,297	0,000	0,007	0,021	FALSE
-0,113	0,306	-0,005	0,011	0,175	FALSE
-0,074	0,305	-0,004	0,012	0,112	FALSE
0,054	0,303	0,002	0,008	0,094	FALSE
0,006	0,307	0,000	0,011	0,003	FALSE
0,004	0,319	0,000	0,008	0,004	FALSE
0,031	0,315	0,001	0,009	0,027	FALSE
0,018	0,309	0,000	0,010	0,015	FALSE
-0,026	0,315	0,000	0,007	0,017	FALSE
-0,116	0,314	-0,004	0,010	0,172	FALSE
-0,025	0,317	-0,001	0,009	0,044	FALSE
0,044	0,302	0,001	0,008	0,047	FALSE
0,002	0,309	0,000	0,007	0,020	FALSE
0,185	0,298	0,008	0,013	0,265	FALSE
-0,063	0,315	-0,002	0,007	0,079	FALSE
-0,030	0,316	-0,001	0,008	0,041	FALSE
-0,022	0,323	-0,001	0,011	0,033	FALSE
0,008	0,308	0,000	0,009	0,010	FALSE
-0,177	0,294	-0,004	0,006	0,272	FALSE
-0,045	0,308	-0,002	0,012	0,073	FALSE
0,068	0,305	0,003	0,012	0,084	FALSE

-0,013	0,318	0,000	0,008	0,021	FALSE
0,125	0,299	0,004	0,010	0,153	FALSE
0,118	0,312	0,004	0,011	0,150	FALSE
0,114	0,318	0,003	0,007	0,151	FALSE
0,077	0,312	0,003	0,012	0,104	FALSE
-0,004	0,316	0,000	0,013	0,011	FALSE
-0,183	0,288	-0,007	0,011	0,257	FALSE
0,030	0,306	0,001	0,011	0,027	FALSE
-0,049	0,321	-0,001	0,006	0,059	FALSE
-0,055	0,326	-0,002	0,013	0,064	FALSE
0,146	0,300	0,007	0,012	0,249	FALSE
0,033	0,306	0,001	0,010	0,046	FALSE
0,028	0,314	0,001	0,007	0,034	FALSE
-0,024	0,304	-0,001	0,006	0,050	FALSE
0,050	0,308	0,002	0,013	0,065	FALSE
-0,025	0,298	-0,001	0,007	0,034	FALSE
0,135	0,294	0,004	0,010	0,160	FALSE
-0,059	0,307	-0,001	0,011	0,033	FALSE
0,023	0,309	0,000	0,007	0,004	FALSE
0,028	0,308	0,001	0,007	0,025	FALSE
0,047	0,300	0,001	0,006	0,078	FALSE
-0,100	0,315	-0,003	0,011	0,106	FALSE
-0,075	0,322	-0,004	0,013	0,113	FALSE
0,011	0,311	0,001	0,012	0,043	FALSE
0,015	0,314	0,000	0,008	0,021	FALSE
-0,046	0,304	-0,001	0,006	0,043	FALSE
0,043	0,300	0,001	0,009	0,053	FALSE
-0,122	0,297	-0,004	0,009	0,199	FALSE
0,061	0,309	0,003	0,011	0,088	FALSE
0,044	0,303	0,002	0,010	0,066	FALSE
0,013	0,313	0,000	0,009	0,018	FALSE
0,071	0,313	0,001	0,007	0,062	FALSE
-0,035	0,316	-0,001	0,007	0,032	FALSE
0,128	0,320	0,005	0,013	0,154	FALSE
0,092	0,310	0,004	0,013	0,116	FALSE
-0,052	0,299	-0,001	0,010	0,038	FALSE
-0,050	0,320	-0,003	0,013	0,082	FALSE
0,033	0,304	0,000	0,008	0,008	FALSE
0,023	0,308	0,002	0,012	0,062	FALSE
0,069	0,317	0,002	0,009	0,089	FALSE
0,044	0,311	0,001	0,008	0,050	FALSE
0,010	0,300	0,000	0,007	0,013	FALSE
-0,024	0,308	0,000	0,007	0,007	FALSE
0,055	0,306	0,003	0,012	0,094	FALSE
-0,057	0,324	-0,002	0,013	0,047	FALSE
-0,097	0,311	-0,003	0,010	0,126	FALSE
0,125	0,301	0,003	0,007	0,184	FALSE
-0,037	0,309	-0,001	0,010	0,034	FALSE
0,093	0,312	0,002	0,007	0,142	FALSE
0,171	0,294	0,007	0,012	0,251	FALSE
0,059	0,309	0,003	0,013	0,105	FALSE
-0,130	0,299	-0,004	0,008	0,205	FALSE
0,012	0,318	0,000	0,007	0,005	FALSE

-0,113	0,301	-0,004	0,009	0,154	FALSE
0,089	0,322	0,003	0,011	0,105	FALSE
0,123	0,312	0,003	0,008	0,146	FALSE
0,027	0,300	0,001	0,010	0,029	FALSE
0,033	0,307	0,002	0,009	0,070	FALSE
0,051	0,303	0,002	0,012	0,067	FALSE
0,022	0,310	0,000	0,007	0,020	FALSE
-0,008	0,311	0,000	0,006	0,013	FALSE
0,031	0,302	0,001	0,009	0,057	FALSE
0,110	0,298	0,003	0,008	0,126	FALSE
0,071	0,301	0,002	0,007	0,085	FALSE
-0,049	0,295	-0,001	0,010	0,038	FALSE
-0,018	0,310	0,000	0,008	0,006	FALSE
-0,048	0,316	-0,001	0,007	0,081	FALSE
-0,112	0,303	-0,003	0,007	0,179	FALSE
-0,128	0,315	-0,004	0,008	0,196	FALSE
0,053	0,311	0,001	0,009	0,056	FALSE
-0,044	0,301	-0,002	0,012	0,075	FALSE
-0,059	0,303	-0,001	0,007	0,042	FALSE
-0,078	0,306	-0,003	0,009	0,119	FALSE
-0,010	0,315	0,000	0,012	0,010	FALSE
-0,011	0,302	0,000	0,006	0,013	FALSE
-0,107	0,311	-0,003	0,008	0,128	FALSE
0,013	0,299	0,000	0,012	0,005	FALSE
-0,122	0,314	-0,003	0,007	0,150	FALSE
0,061	0,314	0,002	0,007	0,094	FALSE
0,134	0,308	0,005	0,010	0,186	FALSE
0,031	0,297	0,002	0,008	0,074	FALSE
0,042	0,307	0,001	0,008	0,050	FALSE
0,141	0,307	0,005	0,010	0,209	FALSE
0,148	0,308	0,005	0,009	0,225	FALSE
-0,008	0,307	-0,001	0,009	0,026	FALSE
0,127	0,316	0,004	0,010	0,185	FALSE
0,012	0,300	0,000	0,009	0,007	FALSE
-0,055	0,310	-0,001	0,010	0,037	FALSE
0,118	0,310	0,005	0,012	0,157	FALSE
0,133	0,294	0,003	0,007	0,189	FALSE
0,022	0,301	0,001	0,007	0,030	FALSE
-0,030	0,304	-0,001	0,008	0,062	FALSE
0,119	0,304	0,002	0,006	0,162	FALSE
-0,076	0,302	-0,002	0,007	0,090	FALSE
0,021	0,304	0,001	0,009	0,035	FALSE
-0,005	0,310	0,000	0,012	0,005	FALSE
0,031	0,323	0,001	0,007	0,027	FALSE
-0,045	0,299	-0,001	0,013	0,042	FALSE
-0,049	0,323	-0,001	0,007	0,050	FALSE
-0,009	0,283	0,001	0,011	0,023	FALSE
0,064	0,306	0,002	0,007	0,104	FALSE
0,015	0,319	0,001	0,007	0,037	FALSE
-0,043	0,320	-0,002	0,010	0,068	FALSE
-0,032	0,310	-0,002	0,010	0,064	FALSE
-0,010	0,303	-0,001	0,010	0,035	FALSE
0,087	0,299	0,002	0,006	0,116	FALSE

0,080	0,304	0,002	0,007	0,102	FALSE
-0,059	0,299	-0,002	0,007	0,101	FALSE
0,003	0,297	0,000	0,007	0,000	FALSE
-0,036	0,310	-0,001	0,007	0,052	FALSE
-0,089	0,308	-0,001	0,006	0,082	FALSE
-0,052	0,316	-0,002	0,012	0,049	FALSE
-0,001	0,316	0,000	0,006	0,006	FALSE
0,014	0,298	0,001	0,009	0,024	FALSE
-0,032	0,315	0,000	0,008	0,017	FALSE
-0,040	0,309	-0,001	0,006	0,064	FALSE
-0,092	0,306	-0,003	0,011	0,120	FALSE
-0,079	0,314	-0,002	0,007	0,092	FALSE
0,048	0,317	0,002	0,012	0,060	FALSE
0,135	0,289	0,004	0,007	0,233	FALSE
0,074	0,306	0,002	0,007	0,091	FALSE
0,026	0,294	0,001	0,012	0,031	FALSE
-0,063	0,305	-0,003	0,011	0,104	FALSE
-0,149	0,294	-0,006	0,012	0,210	FALSE
0,067	0,311	0,002	0,012	0,068	FALSE
0,013	0,317	0,001	0,007	0,041	FALSE
-0,063	0,296	-0,004	0,012	0,136	FALSE
-0,056	0,306	-0,002	0,008	0,079	FALSE
-0,078	0,306	-0,004	0,012	0,128	FALSE
-0,044	0,306	-0,001	0,006	0,056	FALSE
-0,116	0,296	-0,003	0,007	0,170	FALSE
-0,071	0,311	-0,002	0,009	0,097	FALSE
0,053	0,302	0,001	0,012	0,046	FALSE
-0,147	0,302	-0,007	0,012	0,237	FALSE
-0,071	0,310	-0,002	0,009	0,083	FALSE
-0,013	0,317	-0,001	0,009	0,026	FALSE
-0,026	0,312	-0,001	0,006	0,033	FALSE
0,053	0,309	0,001	0,006	0,083	FALSE
0,056	0,310	0,002	0,009	0,065	FALSE
0,127	0,299	0,006	0,013	0,204	FALSE
0,162	0,294	0,008	0,013	0,279	FALSE
0,098	0,307	0,004	0,013	0,115	FALSE
-0,029	0,298	-0,001	0,010	0,019	FALSE
-0,016	0,290	-0,001	0,007	0,027	FALSE
-0,049	0,309	-0,001	0,008	0,061	FALSE
-0,083	0,310	-0,002	0,009	0,108	FALSE
-0,010	0,310	0,000	0,008	0,007	FALSE
-0,053	0,310	-0,002	0,012	0,078	FALSE
0,002	0,313	0,000	0,012	0,010	FALSE
-0,103	0,308	-0,003	0,010	0,122	FALSE
0,025	0,321	0,000	0,007	0,004	FALSE
0,000	0,299	0,000	0,006	0,016	FALSE
-0,105	0,301	-0,004	0,013	0,139	FALSE
0,007	0,315	0,000	0,008	0,003	FALSE
0,085	0,309	0,004	0,012	0,118	FALSE
-0,014	0,298	0,000	0,010	0,017	FALSE
0,075	0,301	0,003	0,012	0,091	FALSE
-0,160	0,314	-0,006	0,012	0,219	FALSE
-0,061	0,297	-0,002	0,011	0,086	FALSE

0,059	0,304	0,002	0,008	0,085	FALSE
0,048	0,299	0,001	0,009	0,029	FALSE
0,085	0,299	0,002	0,009	0,092	FALSE
-0,001	0,302	0,000	0,012	0,005	FALSE
0,080	0,308	0,002	0,008	0,103	FALSE
0,122	0,296	0,002	0,007	0,135	FALSE
-0,072	0,303	-0,004	0,013	0,113	FALSE
-0,012	0,307	0,000	0,012	0,005	FALSE
-0,047	0,305	-0,002	0,011	0,063	FALSE
-0,055	0,308	-0,001	0,007	0,069	FALSE
0,012	0,303	0,000	0,007	0,003	FALSE
-0,104	0,295	-0,004	0,012	0,114	FALSE
-0,051	0,312	-0,001	0,007	0,054	FALSE
-0,017	0,300	-0,001	0,009	0,035	FALSE
-0,014	0,322	-0,001	0,008	0,033	FALSE
0,092	0,301	0,002	0,007	0,130	FALSE
-0,066	0,296	-0,003	0,012	0,110	FALSE
0,013	0,306	0,001	0,007	0,051	FALSE
0,007	0,316	0,000	0,013	0,004	FALSE
0,033	0,291	0,002	0,011	0,061	FALSE
0,058	0,301	0,002	0,008	0,114	FALSE
-0,003	0,299	0,000	0,010	0,007	FALSE
-0,031	0,307	0,000	0,007	0,010	FALSE
0,011	0,295	0,000	0,012	0,007	FALSE
0,055	0,295	0,001	0,006	0,056	FALSE
-0,082	0,301	-0,003	0,010	0,104	FALSE
-0,109	0,314	-0,002	0,006	0,148	FALSE
0,006	0,320	0,000	0,013	0,001	FALSE
0,102	0,313	0,004	0,013	0,135	FALSE
-0,058	0,290	-0,001	0,008	0,031	FALSE
-0,118	0,303	-0,005	0,012	0,190	FALSE
-0,096	0,288	-0,005	0,012	0,161	FALSE
0,055	0,307	0,002	0,010	0,086	FALSE
-0,001	0,314	0,000	0,008	0,010	FALSE
-0,136	0,295	-0,005	0,012	0,172	FALSE
0,066	0,321	0,003	0,014	0,083	FALSE
-0,042	0,297	-0,002	0,012	0,048	FALSE
0,009	0,298	0,000	0,009	0,006	FALSE
0,031	0,301	0,001	0,007	0,032	FALSE
0,063	0,305	0,002	0,008	0,068	FALSE
-0,068	0,299	-0,003	0,011	0,088	FALSE
0,023	0,311	0,002	0,010	0,063	FALSE
-0,011	0,309	0,000	0,008	0,021	FALSE
0,065	0,312	0,003	0,011	0,094	FALSE
-0,168	0,301	-0,003	0,006	0,234	FALSE
0,116	0,298	0,003	0,007	0,146	FALSE
0,000	0,301	0,000	0,009	0,019	FALSE
0,120	0,303	0,003	0,008	0,167	FALSE
-0,051	0,307	-0,002	0,012	0,065	FALSE
0,029	0,302	0,000	0,011	0,007	FALSE
-0,060	0,292	-0,003	0,012	0,089	FALSE
-0,001	0,309	-0,002	0,012	0,049	FALSE
0,018	0,306	0,000	0,012	0,013	FALSE

-0,090	0,307	-0,003	0,010	0,112	FALSE
0,055	0,306	0,002	0,010	0,083	FALSE
-0,028	0,332	-0,002	0,012	0,071	FALSE
0,020	0,312	0,001	0,010	0,037	FALSE
-0,074	0,300	-0,002	0,009	0,062	FALSE
0,036	0,305	0,000	0,010	0,001	FALSE
0,090	0,303	0,003	0,009	0,114	FALSE
0,068	0,311	0,002	0,010	0,083	FALSE
0,028	0,316	0,001	0,009	0,035	FALSE
-0,046	0,307	-0,002	0,012	0,078	FALSE
-0,013	0,305	-0,001	0,009	0,038	FALSE
0,016	0,323	0,000	0,007	0,007	FALSE
0,024	0,299	0,001	0,011	0,018	FALSE
-0,067	0,298	-0,003	0,011	0,089	FALSE
0,029	0,304	0,001	0,007	0,055	FALSE
-0,139	0,308	-0,003	0,008	0,175	FALSE
-0,113	0,312	-0,002	0,006	0,123	FALSE
-0,121	0,302	-0,002	0,006	0,155	FALSE
-0,029	0,308	-0,001	0,009	0,032	FALSE
0,005	0,318	0,001	0,012	0,017	FALSE
0,081	0,293	0,002	0,011	0,082	FALSE
-0,095	0,305	-0,002	0,007	0,119	FALSE
0,132	0,297	0,003	0,007	0,201	FALSE
0,004	0,302	0,000	0,009	0,000	FALSE
0,099	0,304	0,002	0,007	0,130	FALSE
0,021	0,303	0,001	0,010	0,050	FALSE
0,035	0,288	0,001	0,010	0,054	FALSE
0,011	0,318	0,001	0,012	0,015	FALSE
0,046	0,296	0,002	0,007	0,088	FALSE
0,070	0,305	0,003	0,011	0,093	FALSE
0,000	0,318	0,000	0,013	0,003	FALSE
-0,035	0,294	-0,001	0,006	0,044	FALSE
-0,115	0,305	-0,002	0,007	0,134	FALSE
0,006	0,307	0,000	0,011	0,009	FALSE
0,131	0,299	0,004	0,008	0,215	FALSE
-0,016	0,313	0,000	0,007	0,001	FALSE
0,035	0,305	0,001	0,008	0,056	FALSE
-0,060	0,317	-0,001	0,008	0,055	FALSE
0,148	0,298	0,005	0,010	0,220	FALSE
-0,158	0,304	-0,007	0,012	0,237	FALSE
0,084	0,305	0,003	0,011	0,111	FALSE
0,009	0,321	0,000	0,007	0,008	FALSE
0,070	0,319	0,002	0,008	0,101	FALSE
-0,036	0,298	0,000	0,009	0,008	FALSE
-0,109	0,286	-0,005	0,013	0,155	FALSE
-0,097	0,317	-0,004	0,013	0,116	FALSE
-0,037	0,316	-0,001	0,007	0,046	FALSE
-0,109	0,309	-0,004	0,010	0,136	FALSE
-0,041	0,326	-0,001	0,007	0,039	FALSE
-0,076	0,303	-0,004	0,012	0,128	FALSE
0,072	0,330	0,002	0,009	0,069	FALSE
-0,130	0,296	-0,007	0,013	0,217	FALSE
0,077	0,307	0,002	0,010	0,080	FALSE

0,045	0,307	0,002	0,010	0,062	FALSE
0,061	0,298	0,002	0,010	0,080	FALSE
0,027	0,297	0,001	0,009	0,033	FALSE
0,105	0,301	0,005	0,012	0,185	FALSE
-0,123	0,302	-0,006	0,013	0,200	FALSE
-0,037	0,301	-0,002	0,012	0,074	FALSE
-0,046	0,317	-0,001	0,008	0,055	FALSE
0,032	0,309	0,000	0,013	0,006	FALSE
0,007	0,282	-0,001	0,010	0,026	FALSE
0,071	0,310	0,003	0,013	0,092	FALSE
0,005	0,319	0,000	0,007	0,019	FALSE
-0,040	0,310	-0,002	0,012	0,064	FALSE
-0,040	0,299	-0,002	0,007	0,091	FALSE
0,043	0,315	0,002	0,013	0,049	FALSE
0,009	0,291	0,001	0,010	0,024	FALSE
0,003	0,311	0,000	0,012	0,001	FALSE
-0,061	0,301	-0,002	0,011	0,057	FALSE
0,011	0,315	-0,001	0,013	0,022	FALSE
0,009	0,316	0,001	0,007	0,046	FALSE
-0,080	0,296	-0,002	0,007	0,112	FALSE
-0,006	0,297	0,000	0,007	0,015	FALSE
-0,002	0,322	0,000	0,008	0,017	FALSE
0,022	0,309	0,001	0,013	0,021	FALSE
-0,002	0,299	-0,001	0,008	0,040	FALSE
0,020	0,294	0,001	0,011	0,036	FALSE
-0,070	0,309	-0,001	0,008	0,067	FALSE
0,026	0,308	0,001	0,006	0,043	FALSE
-0,117	0,309	-0,003	0,007	0,154	FALSE
-0,049	0,305	-0,002	0,012	0,067	FALSE
-0,034	0,313	-0,002	0,013	0,048	FALSE
0,096	0,305	0,004	0,012	0,121	FALSE
-0,119	0,304	-0,005	0,010	0,187	FALSE
0,020	0,308	0,001	0,007	0,027	FALSE
0,024	0,295	0,001	0,007	0,034	FALSE
0,022	0,314	0,000	0,006	0,012	FALSE
-0,001	0,304	0,000	0,009	0,019	FALSE
-0,060	0,313	-0,002	0,012	0,068	FALSE
-0,069	0,324	-0,002	0,011	0,076	FALSE
0,006	0,289	0,000	0,006	0,009	FALSE
0,166	0,305	0,004	0,007	0,227	FALSE
-0,062	0,309	-0,002	0,009	0,093	FALSE
-0,063	0,310	-0,002	0,009	0,094	FALSE
-0,017	0,295	-0,001	0,009	0,031	FALSE
-0,098	0,314	-0,003	0,009	0,145	FALSE
-0,011	0,295	0,000	0,010	0,006	FALSE
0,082	0,308	0,002	0,007	0,151	FALSE
0,039	0,304	0,000	0,010	0,014	FALSE
-0,052	0,304	-0,002	0,009	0,076	FALSE
-0,063	0,311	-0,001	0,007	0,072	FALSE
0,097	0,287	0,003	0,011	0,106	FALSE
0,011	0,310	0,000	0,007	0,019	FALSE
-0,056	0,292	-0,002	0,008	0,075	FALSE
0,198	0,295	0,007	0,012	0,279	FALSE

0,025	0,312	0,001	0,013	0,025	FALSE
0,007	0,311	0,000	0,013	0,008	FALSE
-0,018	0,294	0,000	0,007	0,017	FALSE
0,075	0,310	0,003	0,010	0,113	TRUE
-0,152	0,305	-0,004	0,008	0,192	FALSE
0,042	0,299	0,001	0,008	0,054	FALSE
0,045	0,313	0,001	0,009	0,061	FALSE
0,110	0,307	0,004	0,009	0,167	FALSE
0,074	0,305	0,004	0,013	0,117	FALSE
-0,088	0,301	-0,003	0,009	0,145	FALSE
-0,096	0,308	-0,005	0,013	0,156	FALSE
-0,201	0,300	-0,005	0,008	0,282	FALSE
-0,206	0,299	-0,006	0,009	0,286	FALSE
0,155	0,302	0,006	0,012	0,203	FALSE
-0,074	0,307	-0,002	0,008	0,072	FALSE
-0,072	0,301	-0,001	0,008	0,061	FALSE
0,046	0,300	0,002	0,010	0,059	FALSE
-0,111	0,308	-0,004	0,012	0,130	FALSE
-0,117	0,309	-0,004	0,010	0,162	FALSE
-0,006	0,308	0,000	0,009	0,005	FALSE
-0,024	0,323	-0,001	0,012	0,033	FALSE
0,014	0,314	0,000	0,012	0,008	FALSE
-0,049	0,298	-0,002	0,012	0,068	FALSE
0,030	0,299	0,001	0,012	0,016	FALSE
0,016	0,306	0,000	0,008	0,015	FALSE
0,000	0,305	0,000	0,013	0,008	FALSE
0,013	0,308	0,000	0,008	0,003	FALSE
-0,029	0,307	-0,001	0,007	0,038	FALSE
0,000	0,307	0,000	0,011	0,001	FALSE
0,022	0,319	0,000	0,008	0,003	FALSE
-0,019	0,310	0,000	0,008	0,011	FALSE
0,038	0,290	0,001	0,010	0,041	FALSE
-0,089	0,310	-0,002	0,008	0,094	FALSE
0,120	0,306	0,004	0,010	0,166	FALSE
0,115	0,289	0,006	0,012	0,195	FALSE
-0,036	0,319	-0,001	0,007	0,054	FALSE
0,000	0,307	0,000	0,010	0,009	FALSE
-0,076	0,312	-0,003	0,010	0,112	FALSE
0,071	0,312	0,003	0,012	0,097	FALSE
0,045	0,293	0,003	0,013	0,098	FALSE
0,092	0,311	0,002	0,007	0,117	FALSE
0,064	0,299	0,002	0,008	0,090	FALSE
0,082	0,315	0,002	0,008	0,099	FALSE
0,007	0,300	-0,001	0,012	0,023	FALSE
-0,020	0,295	-0,002	0,013	0,058	FALSE
0,004	0,302	0,000	0,011	0,004	FALSE
0,011	0,309	0,000	0,007	0,023	FALSE
0,048	0,317	0,002	0,012	0,054	FALSE
0,040	0,306	0,002	0,010	0,058	FALSE
0,077	0,313	0,002	0,009	0,106	FALSE
0,080	0,309	0,002	0,007	0,110	FALSE
0,048	0,301	0,002	0,006	0,090	FALSE
0,027	0,304	0,002	0,012	0,068	FALSE

0,065	0,308	0,003	0,012	0,111	FALSE
-0,113	0,314	-0,003	0,008	0,133	FALSE
0,100	0,307	0,005	0,012	0,165	FALSE
-0,035	0,294	-0,003	0,012	0,094	FALSE
0,143	0,297	0,004	0,008	0,203	FALSE
0,132	0,289	0,004	0,008	0,194	FALSE
-0,062	0,308	-0,003	0,011	0,099	FALSE
-0,040	0,302	-0,002	0,010	0,081	FALSE
0,015	0,302	0,000	0,010	0,009	FALSE
-0,015	0,310	-0,001	0,010	0,033	FALSE
0,004	0,301	0,000	0,010	0,011	FALSE
0,005	0,296	0,001	0,012	0,042	FALSE
0,059	0,302	0,002	0,010	0,063	FALSE
-0,089	0,308	-0,003	0,010	0,121	FALSE
-0,016	0,320	-0,001	0,012	0,036	FALSE
0,010	0,302	0,000	0,012	0,007	FALSE
0,039	0,308	0,002	0,013	0,058	FALSE
-0,067	0,308	-0,002	0,013	0,063	FALSE
-0,081	0,315	-0,002	0,007	0,094	FALSE
-0,073	0,317	-0,001	0,007	0,071	FALSE
0,008	0,310	0,000	0,006	0,007	FALSE
-0,067	0,305	-0,002	0,008	0,079	FALSE
0,019	0,304	0,000	0,007	0,002	FALSE
-0,095	0,317	-0,003	0,009	0,125	FALSE
-0,128	0,309	-0,004	0,009	0,192	FALSE
0,081	0,305	0,002	0,008	0,102	FALSE
0,117	0,307	0,004	0,012	0,146	FALSE
-0,006	0,317	0,000	0,008	0,008	FALSE
-0,072	0,305	-0,002	0,013	0,071	FALSE
-0,071	0,306	-0,002	0,013	0,067	FALSE
-0,095	0,306	-0,003	0,013	0,100	FALSE
-0,002	0,296	0,000	0,010	0,004	FALSE
-0,049	0,324	-0,001	0,010	0,041	FALSE
-0,056	0,318	-0,002	0,011	0,058	FALSE
0,015	0,311	0,001	0,009	0,033	FALSE
-0,010	0,305	-0,001	0,012	0,025	FALSE
-0,075	0,301	-0,002	0,007	0,076	FALSE
0,012	0,297	0,000	0,012	0,009	FALSE
0,007	0,313	0,000	0,012	0,004	FALSE
-0,013	0,314	-0,001	0,012	0,017	FALSE
-0,052	0,321	-0,001	0,009	0,048	FALSE
0,046	0,295	0,001	0,008	0,024	FALSE
-0,058	0,287	-0,001	0,006	0,046	FALSE
0,001	0,309	0,000	0,012	0,003	FALSE
0,171	0,302	0,003	0,007	0,197	FALSE
0,023	0,300	0,001	0,009	0,037	FALSE
-0,008	0,308	-0,001	0,007	0,032	FALSE
-0,040	0,304	-0,002	0,013	0,043	FALSE
-0,047	0,303	-0,002	0,013	0,056	FALSE
0,038	0,302	0,001	0,008	0,047	FALSE
-0,023	0,305	-0,001	0,013	0,028	FALSE
-0,045	0,292	-0,002	0,012	0,074	FALSE
-0,032	0,296	-0,001	0,012	0,040	FALSE

-0,011	0,313	-0,001	0,013	0,015	FALSE
0,000	0,309	0,000	0,012	0,011	FALSE
0,023	0,311	0,001	0,007	0,037	FALSE
-0,077	0,300	-0,002	0,008	0,099	FALSE
0,083	0,310	0,003	0,013	0,101	FALSE
-0,073	0,304	-0,002	0,010	0,083	FALSE
-0,024	0,300	-0,001	0,008	0,059	FALSE
-0,063	0,311	-0,003	0,010	0,103	FALSE
-0,065	0,310	-0,001	0,007	0,074	FALSE
0,012	0,307	0,001	0,012	0,037	FALSE
-0,017	0,295	0,000	0,007	0,019	FALSE
0,112	0,310	0,004	0,010	0,146	FALSE
0,020	0,309	0,001	0,010	0,033	FALSE
-0,098	0,301	-0,004	0,013	0,120	FALSE
0,017	0,312	0,000	0,010	0,015	FALSE
0,022	0,299	0,001	0,007	0,048	FALSE
-0,026	0,306	0,000	0,007	0,018	FALSE
-0,045	0,311	-0,001	0,009	0,026	FALSE
-0,021	0,306	0,000	0,007	0,004	FALSE
-0,028	0,309	-0,001	0,008	0,046	FALSE
-0,089	0,313	-0,003	0,012	0,101	FALSE
-0,067	0,311	-0,003	0,011	0,105	FALSE
-0,036	0,309	0,000	0,007	0,016	FALSE
0,055	0,308	0,001	0,008	0,060	FALSE
-0,073	0,313	-0,002	0,010	0,080	FALSE
0,064	0,313	0,002	0,006	0,116	FALSE
0,039	0,306	0,001	0,012	0,022	FALSE
-0,059	0,310	-0,002	0,009	0,088	FALSE
0,205	0,294	0,008	0,012	0,287	FALSE
-0,064	0,306	-0,002	0,010	0,087	FALSE
0,199	0,302	0,007	0,012	0,245	FALSE
0,217	0,299	0,008	0,012	0,290	FALSE
0,097	0,309	0,004	0,013	0,131	FALSE
-0,086	0,309	-0,003	0,013	0,099	FALSE
0,017	0,299	0,001	0,010	0,031	FALSE
-0,122	0,305	-0,006	0,011	0,231	FALSE
0,106	0,299	0,002	0,007	0,102	FALSE
0,090	0,306	0,002	0,007	0,087	FALSE
-0,117	0,312	-0,004	0,010	0,146	FALSE
-0,036	0,304	-0,002	0,013	0,049	FALSE
0,080	0,310	0,002	0,009	0,089	FALSE
-0,113	0,302	-0,006	0,013	0,186	FALSE
0,015	0,315	0,001	0,007	0,042	FALSE
0,132	0,310	0,006	0,013	0,183	FALSE
0,000	0,306	0,000	0,010	0,007	FALSE
0,019	0,295	0,001	0,009	0,050	FALSE
0,043	0,301	0,002	0,011	0,082	FALSE
-0,103	0,326	-0,002	0,008	0,108	FALSE
-0,115	0,319	-0,005	0,013	0,162	FALSE
0,043	0,318	0,002	0,013	0,054	FALSE
-0,139	0,315	-0,003	0,007	0,163	FALSE
-0,063	0,302	-0,002	0,007	0,087	FALSE
0,017	0,314	0,001	0,009	0,042	FALSE

-0,057	0,312	-0,001	0,007	0,054	FALSE
-0,051	0,305	-0,002	0,011	0,053	FALSE
0,063	0,304	0,002	0,011	0,084	FALSE
-0,068	0,297	-0,001	0,007	0,076	FALSE
-0,005	0,317	0,000	0,009	0,017	FALSE
0,009	0,314	0,000	0,007	0,020	FALSE
0,024	0,304	0,001	0,008	0,055	FALSE
-0,169	0,296	-0,006	0,011	0,266	FALSE
0,136	0,309	0,005	0,009	0,211	FALSE
-0,057	0,317	-0,002	0,011	0,069	FALSE
-0,047	0,305	-0,002	0,010	0,074	FALSE
0,104	0,303	0,003	0,008	0,138	FALSE
0,101	0,294	0,004	0,012	0,128	FALSE
0,100	0,310	0,002	0,007	0,100	FALSE
-0,058	0,291	-0,002	0,011	0,080	FALSE
0,059	0,316	0,003	0,013	0,088	FALSE
0,075	0,313	0,003	0,010	0,105	FALSE
0,048	0,306	0,001	0,009	0,020	FALSE
-0,077	0,309	-0,003	0,009	0,116	FALSE
-0,029	0,302	-0,001	0,008	0,022	FALSE
-0,018	0,313	-0,001	0,013	0,038	FALSE
-0,089	0,310	-0,003	0,011	0,113	FALSE
0,025	0,309	0,000	0,008	0,012	FALSE
0,092	0,318	0,004	0,013	0,133	FALSE
-0,094	0,307	-0,002	0,007	0,114	FALSE
-0,120	0,322	-0,004	0,009	0,160	FALSE
-0,094	0,314	-0,004	0,013	0,130	FALSE
0,035	0,331	0,001	0,010	0,036	FALSE
0,102	0,300	0,003	0,007	0,169	FALSE
-0,053	0,308	-0,002	0,009	0,077	FALSE
0,114	0,296	0,006	0,013	0,180	FALSE
0,119	0,308	0,006	0,013	0,194	FALSE
-0,017	0,312	0,000	0,010	0,010	FALSE
0,022	0,308	0,001	0,010	0,051	FALSE
-0,036	0,315	-0,002	0,009	0,078	FALSE
-0,056	0,313	-0,001	0,008	0,050	FALSE
0,092	0,294	0,002	0,006	0,105	FALSE
-0,112	0,303	-0,005	0,012	0,157	FALSE
0,109	0,317	0,002	0,007	0,134	FALSE
0,052	0,307	0,002	0,007	0,081	FALSE
-0,031	0,313	-0,001	0,008	0,047	FALSE
-0,047	0,306	-0,001	0,007	0,047	FALSE
-0,008	0,314	0,000	0,011	0,014	FALSE
-0,045	0,334	-0,001	0,008	0,046	FALSE
-0,064	0,310	-0,002	0,009	0,070	FALSE
0,104	0,317	0,003	0,009	0,115	FALSE
-0,090	0,295	-0,003	0,012	0,116	FALSE
-0,075	0,310	-0,002	0,009	0,101	FALSE
-0,007	0,307	0,000	0,008	0,016	FALSE
-0,032	0,309	-0,001	0,007	0,027	FALSE
0,066	0,322	0,001	0,007	0,071	FALSE
0,053	0,311	0,001	0,007	0,064	FALSE
0,082	0,321	0,002	0,007	0,077	FALSE

-0,008	0,296	0,000	0,007	0,024	FALSE
0,000	0,299	0,000	0,009	0,014	FALSE
0,077	0,296	0,001	0,007	0,078	FALSE
-0,095	0,318	-0,002	0,007	0,123	FALSE
0,029	0,306	0,000	0,012	0,007	FALSE
0,017	0,303	0,000	0,009	0,016	FALSE
0,039	0,298	0,001	0,008	0,024	FALSE
0,061	0,297	0,003	0,011	0,108	FALSE
-0,014	0,312	0,000	0,007	0,009	FALSE
-0,083	0,300	-0,002	0,006	0,101	FALSE
0,067	0,293	0,001	0,007	0,074	FALSE
0,054	0,316	0,001	0,012	0,043	FALSE
-0,073	0,314	-0,002	0,012	0,066	FALSE
-0,110	0,302	-0,003	0,009	0,129	FALSE
-0,052	0,300	-0,001	0,007	0,067	FALSE
0,012	0,306	0,000	0,009	0,005	FALSE
-0,007	0,311	-0,001	0,013	0,040	FALSE
0,018	0,302	0,001	0,007	0,025	FALSE
0,012	0,323	0,000	0,011	0,013	FALSE
0,028	0,318	0,001	0,011	0,042	FALSE
0,021	0,304	0,000	0,007	0,022	FALSE
0,020	0,309	0,001	0,007	0,033	FALSE
0,087	0,305	0,002	0,007	0,100	FALSE
0,030	0,300	0,001	0,007	0,038	FALSE
0,218	0,307	0,008	0,012	0,307	FALSE
0,075	0,305	0,002	0,013	0,069	FALSE
0,068	0,316	0,002	0,008	0,111	FALSE
0,058	0,315	0,002	0,013	0,068	FALSE
0,023	0,308	0,000	0,010	0,008	FALSE
-0,019	0,309	-0,001	0,012	0,020	FALSE
0,069	0,312	0,002	0,009	0,113	FALSE
-0,093	0,302	-0,002	0,007	0,085	FALSE
-0,163	0,305	-0,004	0,009	0,203	FALSE
-0,064	0,304	-0,001	0,007	0,054	FALSE
-0,066	0,311	-0,001	0,007	0,063	FALSE
-0,052	0,302	-0,001	0,009	0,056	FALSE
-0,001	0,318	0,000	0,011	0,002	FALSE
0,189	0,293	0,008	0,012	0,296	FALSE
-0,176	0,293	-0,003	0,006	0,227	FALSE
-0,056	0,300	-0,002	0,010	0,071	FALSE
-0,007	0,309	-0,001	0,009	0,046	FALSE
-0,088	0,302	-0,003	0,010	0,103	FALSE
0,070	0,303	0,001	0,007	0,070	FALSE
0,112	0,297	0,003	0,011	0,117	FALSE
0,080	0,297	0,002	0,007	0,121	FALSE
-0,009	0,318	0,000	0,010	0,015	FALSE
0,067	0,311	0,002	0,007	0,098	FALSE
0,102	0,303	0,002	0,007	0,133	FALSE
-0,008	0,305	-0,001	0,011	0,024	FALSE
-0,048	0,310	-0,001	0,007	0,040	FALSE
0,047	0,306	0,001	0,011	0,040	FALSE
0,022	0,311	0,001	0,007	0,042	FALSE
-0,079	0,295	-0,002	0,012	0,059	FALSE

0,120	0,284	0,003	0,008	0,152	FALSE
-0,054	0,311	-0,001	0,008	0,059	FALSE
0,119	0,309	0,005	0,012	0,172	FALSE
-0,057	0,302	-0,001	0,007	0,057	FALSE
-0,080	0,291	-0,004	0,012	0,137	FALSE
0,023	0,294	0,000	0,009	0,000	FALSE
0,140	0,300	0,004	0,009	0,192	FALSE
-0,038	0,296	-0,002	0,007	0,078	FALSE
0,053	0,296	0,002	0,010	0,080	FALSE
-0,075	0,313	-0,002	0,008	0,093	FALSE
0,007	0,317	0,000	0,007	0,004	FALSE
0,034	0,312	0,001	0,007	0,029	FALSE
0,043	0,307	0,001	0,010	0,041	FALSE
0,038	0,296	0,001	0,007	0,038	FALSE
-0,090	0,305	-0,003	0,011	0,107	FALSE
0,054	0,301	0,002	0,007	0,086	FALSE
0,089	0,295	0,002	0,007	0,121	FALSE
-0,006	0,297	0,000	0,012	0,013	FALSE
0,062	0,307	0,002	0,008	0,086	FALSE
0,177	0,309	0,005	0,009	0,222	FALSE
0,107	0,303	0,003	0,007	0,166	FALSE
0,104	0,318	0,004	0,012	0,127	FALSE
-0,044	0,303	-0,002	0,012	0,046	FALSE
0,018	0,289	0,001	0,011	0,031	FALSE
-0,114	0,294	-0,004	0,011	0,157	FALSE
-0,110	0,311	-0,005	0,012	0,155	FALSE
-0,007	0,307	-0,001	0,009	0,026	FALSE
-0,106	0,302	-0,003	0,009	0,129	FALSE
0,012	0,285	-0,001	0,011	0,016	FALSE
-0,014	0,310	0,000	0,006	0,013	FALSE
-0,043	0,317	-0,001	0,006	0,030	FALSE
-0,053	0,300	-0,001	0,006	0,043	FALSE
-0,113	0,312	-0,002	0,007	0,122	FALSE
0,000	0,287	0,000	0,009	0,009	FALSE
-0,124	0,312	-0,003	0,007	0,180	FALSE
-0,094	0,301	-0,004	0,012	0,139	FALSE
-0,068	0,312	-0,003	0,013	0,075	FALSE
-0,095	0,303	-0,004	0,012	0,122	FALSE
0,009	0,315	0,000	0,010	0,003	FALSE
0,101	0,315	0,004	0,012	0,137	FALSE
0,051	0,312	0,003	0,013	0,083	FALSE
0,013	0,313	0,001	0,007	0,031	FALSE
-0,166	0,313	-0,008	0,013	0,268	FALSE
0,172	0,306	0,008	0,013	0,278	FALSE
-0,151	0,298	-0,007	0,011	0,267	FALSE
0,064	0,306	0,002	0,008	0,069	FALSE
-0,018	0,310	-0,002	0,013	0,049	FALSE
0,125	0,300	0,004	0,012	0,146	FALSE
0,040	0,296	0,000	0,013	0,001	FALSE
0,018	0,298	0,002	0,012	0,046	FALSE
-0,037	0,298	-0,002	0,008	0,071	FALSE
0,075	0,321	0,003	0,011	0,106	FALSE
-0,003	0,296	0,000	0,006	0,005	FALSE

-0,063	0,319	-0,001	0,007	0,053	FALSE
0,034	0,305	0,001	0,008	0,052	FALSE
0,094	0,304	0,003	0,008	0,127	FALSE
0,112	0,295	0,003	0,008	0,158	FALSE
-0,012	0,303	-0,001	0,011	0,022	FALSE
-0,020	0,295	-0,001	0,011	0,045	FALSE
0,032	0,310	0,001	0,011	0,048	FALSE
-0,001	0,318	0,000	0,012	0,001	FALSE
0,032	0,318	0,001	0,012	0,044	FALSE
-0,006	0,320	0,000	0,013	0,005	FALSE
0,137	0,306	0,005	0,010	0,197	FALSE
0,178	0,313	0,007	0,013	0,246	FALSE
-0,240	0,311	-0,008	0,011	0,360	FALSE
-0,213	0,309	-0,006	0,010	0,292	FALSE
-0,013	0,300	0,000	0,012	0,000	FALSE
0,002	0,307	-0,001	0,012	0,018	FALSE
-0,016	0,291	0,000	0,007	0,016	FALSE
-0,031	0,313	-0,001	0,009	0,038	FALSE
-0,015	0,321	0,000	0,007	0,005	FALSE
0,013	0,303	0,000	0,007	0,014	FALSE
-0,096	0,304	-0,004	0,013	0,103	FALSE
-0,054	0,319	-0,001	0,008	0,064	FALSE
-0,044	0,315	-0,001	0,008	0,037	FALSE
0,020	0,303	0,000	0,012	0,007	FALSE
-0,078	0,314	-0,002	0,009	0,083	FALSE
-0,046	0,322	-0,003	0,012	0,083	FALSE
0,059	0,320	0,003	0,012	0,087	FALSE
-0,062	0,316	-0,002	0,009	0,073	FALSE
-0,042	0,302	-0,001	0,007	0,036	FALSE
0,192	0,294	0,004	0,007	0,272	FALSE
0,097	0,310	0,003	0,010	0,133	FALSE
0,037	0,311	0,001	0,011	0,018	FALSE
-0,008	0,317	0,000	0,012	0,004	FALSE
0,026	0,293	0,000	0,007	0,023	FALSE
-0,029	0,313	-0,001	0,012	0,041	FALSE
-0,052	0,316	-0,001	0,008	0,049	FALSE
-0,063	0,291	-0,002	0,011	0,069	FALSE
0,051	0,307	0,002	0,012	0,047	FALSE
0,058	0,314	0,002	0,013	0,065	FALSE
-0,010	0,282	-0,001	0,011	0,037	FALSE
0,034	0,322	0,002	0,010	0,059	FALSE
0,068	0,309	0,003	0,009	0,108	FALSE
0,030	0,297	0,001	0,012	0,024	FALSE
0,006	0,309	0,001	0,012	0,021	FALSE
-0,023	0,297	-0,001	0,009	0,055	FALSE
-0,052	0,313	-0,003	0,013	0,085	FALSE
0,040	0,302	0,001	0,007	0,062	FALSE
0,093	0,306	0,002	0,007	0,121	FALSE
0,118	0,309	0,003	0,007	0,169	FALSE
-0,029	0,311	-0,001	0,008	0,054	FALSE
0,056	0,301	0,001	0,007	0,073	FALSE
-0,042	0,312	-0,001	0,007	0,067	FALSE
0,083	0,303	0,002	0,007	0,127	FALSE

0,027	0,307	0,000	0,008	0,008	FALSE
-0,121	0,300	-0,004	0,011	0,144	FALSE
-0,030	0,303	-0,001	0,008	0,046	FALSE
0,100	0,308	0,002	0,007	0,118	FALSE
-0,123	0,294	-0,003	0,008	0,137	FALSE
0,018	0,304	0,001	0,011	0,045	FALSE
-0,030	0,311	0,000	0,010	0,010	FALSE
0,062	0,300	0,003	0,012	0,082	FALSE
0,050	0,306	0,002	0,009	0,073	FALSE
0,043	0,312	0,001	0,010	0,043	FALSE
0,074	0,291	0,002	0,006	0,150	FALSE
-0,012	0,309	0,000	0,009	0,007	FALSE
0,023	0,306	0,000	0,008	0,017	FALSE
0,001	0,317	0,000	0,012	0,002	FALSE
0,066	0,325	0,002	0,013	0,063	FALSE
0,008	0,293	0,001	0,008	0,030	FALSE
0,237	0,303	0,007	0,009	0,341	FALSE
-0,103	0,301	-0,002	0,007	0,127	FALSE
0,050	0,316	0,002	0,012	0,075	FALSE
0,031	0,307	0,001	0,006	0,085	FALSE
0,078	0,306	0,003	0,011	0,110	FALSE
0,007	0,302	0,001	0,006	0,046	FALSE
-0,032	0,301	0,000	0,011	0,013	FALSE
-0,110	0,290	-0,004	0,010	0,181	FALSE
-0,175	0,301	-0,007	0,012	0,251	FALSE
0,021	0,293	0,000	0,009	0,014	FALSE
0,047	0,290	0,001	0,007	0,072	FALSE
-0,106	0,298	-0,004	0,010	0,145	FALSE
-0,118	0,304	-0,003	0,008	0,184	FALSE
-0,107	0,303	-0,003	0,009	0,158	FALSE
-0,123	0,297	-0,004	0,008	0,182	FALSE
-0,096	0,298	-0,004	0,011	0,142	FALSE
0,026	0,324	0,001	0,012	0,040	FALSE
-0,028	0,324	-0,002	0,014	0,049	FALSE
0,014	0,308	0,000	0,009	0,009	FALSE
0,108	0,300	0,002	0,006	0,144	FALSE
0,053	0,314	0,001	0,007	0,048	FALSE
0,112	0,304	0,002	0,007	0,119	FALSE
-0,023	0,315	-0,001	0,009	0,047	FALSE
-0,073	0,286	-0,002	0,009	0,071	FALSE
-0,100	0,302	-0,003	0,009	0,112	FALSE
0,072	0,306	0,002	0,009	0,090	FALSE
0,115	0,312	0,004	0,011	0,144	FALSE
0,043	0,304	0,003	0,012	0,108	FALSE
0,017	0,306	0,000	0,011	0,014	FALSE
0,069	0,310	0,003	0,013	0,083	FALSE
0,050	0,310	0,002	0,013	0,058	FALSE
-0,047	0,301	-0,002	0,012	0,049	FALSE
-0,063	0,298	-0,001	0,006	0,037	FALSE
-0,012	0,308	-0,002	0,013	0,045	FALSE
-0,012	0,307	0,000	0,010	0,003	FALSE
0,011	0,302	0,000	0,008	0,005	FALSE
0,066	0,296	0,002	0,008	0,117	FALSE

-0,006	0,324	0,000	0,010	0,001	FALSE
-0,095	0,310	-0,003	0,011	0,118	FALSE
-0,030	0,307	-0,001	0,011	0,042	FALSE
-0,172	0,297	-0,006	0,010	0,253	FALSE
0,025	0,307	0,000	0,007	0,016	FALSE
-0,149	0,313	-0,003	0,007	0,167	FALSE
0,058	0,310	0,002	0,012	0,070	FALSE
-0,163	0,306	-0,006	0,012	0,222	FALSE
0,088	0,312	0,002	0,007	0,135	FALSE
0,070	0,295	0,002	0,007	0,093	FALSE
-0,063	0,320	-0,002	0,008	0,073	FALSE
0,006	0,305	0,000	0,009	0,013	FALSE
0,107	0,296	0,005	0,013	0,145	FALSE
-0,003	0,295	0,000	0,010	0,010	FALSE
0,037	0,304	0,001	0,007	0,060	FALSE
0,092	0,314	0,002	0,008	0,110	FALSE
0,073	0,305	0,001	0,007	0,076	FALSE
0,057	0,302	0,001	0,007	0,055	FALSE
-0,083	0,304	-0,003	0,011	0,091	FALSE
0,056	0,302	0,002	0,008	0,087	FALSE
0,012	0,308	0,000	0,008	0,012	FALSE
0,067	0,312	0,002	0,006	0,121	FALSE
-0,061	0,312	-0,001	0,008	0,065	FALSE
-0,089	0,297	-0,002	0,010	0,093	FALSE
0,010	0,317	0,000	0,007	0,003	FALSE
0,061	0,324	0,003	0,012	0,081	FALSE
-0,035	0,315	-0,001	0,008	0,055	FALSE
0,036	0,297	0,001	0,007	0,082	FALSE
0,003	0,307	0,000	0,007	0,008	FALSE
-0,076	0,317	-0,004	0,013	0,106	FALSE
0,139	0,305	0,006	0,012	0,198	FALSE
0,035	0,298	0,001	0,007	0,052	FALSE
0,039	0,287	0,001	0,006	0,060	FALSE
0,047	0,303	0,001	0,007	0,066	FALSE
-0,091	0,316	-0,004	0,012	0,114	FALSE
-0,009	0,300	0,000	0,006	0,000	FALSE
-0,002	0,310	0,000	0,008	0,005	FALSE
-0,059	0,319	-0,002	0,007	0,080	FALSE
0,046	0,295	0,001	0,008	0,024	FALSE
0,065	0,310	0,002	0,007	0,099	FALSE
0,087	0,312	0,002	0,007	0,127	FALSE
-0,059	0,316	-0,002	0,009	0,073	FALSE
0,001	0,305	0,000	0,012	0,003	FALSE
-0,030	0,315	-0,001	0,009	0,031	FALSE
-0,124	0,296	-0,006	0,012	0,197	FALSE
0,110	0,290	0,005	0,010	0,189	FALSE
-0,052	0,306	-0,001	0,007	0,067	FALSE
-0,083	0,306	-0,002	0,007	0,085	FALSE
-0,106	0,309	-0,003	0,012	0,112	FALSE
-0,020	0,299	-0,001	0,010	0,042	FALSE
-0,026	0,299	-0,001	0,011	0,030	FALSE
-0,118	0,307	-0,006	0,013	0,182	FALSE
0,160	0,297	0,006	0,010	0,254	FALSE

-0,020	0,310	0,000	0,013	0,009	FALSE
0,221	0,301	0,005	0,008	0,303	FALSE
-0,001	0,309	0,001	0,011	0,017	FALSE
0,089	0,322	0,002	0,007	0,110	FALSE
0,185	0,305	0,004	0,007	0,268	FALSE
-0,017	0,313	0,000	0,011	0,003	FALSE
0,140	0,299	0,006	0,012	0,186	FALSE
-0,055	0,315	-0,001	0,008	0,068	FALSE
0,083	0,295	0,002	0,007	0,120	FALSE
-0,194	0,295	-0,009	0,012	0,356	FALSE
-0,207	0,295	-0,007	0,010	0,327	FALSE
-0,140	0,295	-0,003	0,006	0,181	FALSE
0,039	0,308	0,002	0,008	0,083	FALSE
-0,019	0,317	0,000	0,007	0,004	FALSE
0,026	0,301	0,001	0,009	0,054	FALSE
0,107	0,316	0,003	0,010	0,132	FALSE
-0,115	0,291	-0,005	0,010	0,219	FALSE
-0,011	0,316	0,000	0,007	0,018	FALSE
-0,067	0,305	-0,002	0,008	0,099	FALSE
-0,131	0,293	-0,006	0,012	0,194	FALSE
-0,015	0,316	-0,001	0,009	0,040	FALSE
-0,132	0,316	-0,004	0,010	0,143	FALSE
0,071	0,294	0,004	0,012	0,130	FALSE
0,054	0,312	0,003	0,013	0,092	FALSE
-0,065	0,300	-0,002	0,008	0,086	FALSE
0,204	0,291	0,006	0,010	0,275	FALSE
-0,080	0,314	-0,003	0,011	0,086	FALSE
0,072	0,307	0,003	0,012	0,087	FALSE
-0,056	0,305	-0,001	0,009	0,052	FALSE
-0,065	0,318	-0,002	0,013	0,066	FALSE
-0,030	0,322	0,000	0,013	0,013	FALSE
-0,045	0,309	-0,001	0,012	0,034	FALSE
0,146	0,300	0,006	0,011	0,213	FALSE
0,015	0,313	0,001	0,009	0,026	FALSE
0,115	0,294	0,003	0,012	0,100	FALSE
-0,084	0,300	-0,002	0,008	0,126	FALSE
0,136	0,305	0,005	0,012	0,174	FALSE
0,023	0,307	0,001	0,011	0,032	FALSE
0,034	0,305	0,001	0,007	0,047	FALSE
-0,145	0,299	-0,004	0,008	0,201	FALSE
-0,024	0,316	0,000	0,008	0,005	FALSE
-0,047	0,314	-0,001	0,007	0,067	FALSE
-0,123	0,289	-0,004	0,010	0,181	FALSE
-0,114	0,311	-0,003	0,010	0,137	FALSE
-0,137	0,304	-0,004	0,009	0,173	FALSE
0,137	0,296	0,004	0,008	0,204	FALSE
0,119	0,297	0,004	0,008	0,193	FALSE
0,091	0,311	0,003	0,011	0,118	FALSE
0,032	0,310	0,000	0,008	0,022	FALSE
-0,118	0,291	-0,004	0,010	0,150	FALSE
-0,066	0,293	-0,003	0,011	0,092	FALSE
-0,103	0,299	-0,006	0,013	0,179	FALSE
0,090	0,304	0,002	0,009	0,093	FALSE

0,119	0,297	0,003	0,009	0,128	FALSE
0,016	0,309	0,001	0,007	0,034	FALSE
-0,004	0,305	0,000	0,007	0,011	FALSE
0,002	0,305	0,000	0,007	0,013	FALSE
-0,082	0,307	-0,004	0,011	0,131	FALSE
-0,031	0,312	0,000	0,006	0,011	FALSE
0,113	0,285	0,005	0,012	0,171	FALSE
0,015	0,304	0,000	0,011	0,012	FALSE
-0,069	0,315	-0,001	0,009	0,056	FALSE
0,119	0,314	0,004	0,008	0,189	FALSE
0,101	0,296	0,003	0,010	0,138	FALSE
0,158	0,293	0,003	0,007	0,180	FALSE
0,068	0,326	0,003	0,013	0,086	FALSE
0,048	0,301	0,002	0,010	0,072	FALSE
-0,036	0,307	-0,001	0,012	0,029	FALSE
0,033	0,323	0,001	0,011	0,022	FALSE
0,161	0,309	0,004	0,006	0,247	FALSE
0,008	0,322	0,001	0,013	0,022	FALSE
0,029	0,315	0,001	0,008	0,045	FALSE
-0,057	0,303	-0,001	0,007	0,059	FALSE
0,039	0,308	0,001	0,011	0,045	FALSE
0,045	0,308	0,001	0,007	0,067	FALSE
0,212	0,291	0,004	0,006	0,308	FALSE
-0,017	0,316	-0,001	0,009	0,030	FALSE
0,074	0,308	0,003	0,011	0,093	FALSE
0,035	0,287	0,001	0,010	0,054	FALSE
-0,078	0,298	-0,002	0,007	0,110	FALSE
0,073	0,309	0,003	0,012	0,094	FALSE
0,072	0,307	0,002	0,007	0,085	FALSE
0,034	0,305	0,001	0,011	0,030	FALSE
0,046	0,305	0,002	0,009	0,066	FALSE
0,045	0,314	0,002	0,013	0,056	FALSE
0,033	0,310	0,001	0,013	0,043	FALSE
0,049	0,312	0,001	0,008	0,068	FALSE
-0,071	0,317	-0,001	0,008	0,054	FALSE
-0,101	0,299	-0,003	0,010	0,131	FALSE
-0,006	0,316	-0,001	0,013	0,016	FALSE
0,079	0,316	0,003	0,013	0,091	FALSE
0,054	0,302	0,002	0,011	0,076	FALSE
0,101	0,309	0,003	0,009	0,145	FALSE
-0,052	0,299	-0,001	0,011	0,048	FALSE
-0,073	0,298	-0,002	0,011	0,067	FALSE
-0,029	0,311	-0,001	0,009	0,025	FALSE
0,056	0,311	0,002	0,007	0,084	FALSE
-0,071	0,288	-0,002	0,008	0,114	FALSE
0,143	0,294	0,004	0,007	0,230	FALSE
0,020	0,323	0,000	0,008	0,018	FALSE
0,026	0,299	0,000	0,009	0,016	FALSE
-0,017	0,308	0,000	0,007	0,018	FALSE
-0,035	0,315	-0,001	0,010	0,052	FALSE
-0,013	0,317	0,000	0,008	0,016	FALSE
0,009	0,313	0,000	0,007	0,021	FALSE
-0,062	0,284	-0,001	0,010	0,053	FALSE

-0,102	0,289	-0,003	0,011	0,100	FALSE
-0,115	0,297	-0,004	0,013	0,135	FALSE
0,224	0,273	0,006	0,007	0,389	FALSE
-0,062	0,303	-0,002	0,009	0,064	FALSE
-0,032	0,292	-0,001	0,009	0,036	FALSE
-0,041	0,307	-0,001	0,009	0,060	FALSE
0,027	0,305	0,000	0,010	0,016	FALSE
-0,008	0,309	0,000	0,008	0,001	FALSE
-0,019	0,316	-0,001	0,010	0,023	FALSE
0,053	0,312	0,002	0,012	0,062	FALSE
-0,233	0,286	-0,008	0,010	0,349	FALSE
0,030	0,308	0,001	0,006	0,041	FALSE
0,058	0,318	0,001	0,007	0,078	FALSE
0,058	0,292	0,003	0,012	0,085	FALSE
-0,046	0,304	-0,003	0,012	0,080	FALSE
-0,007	0,330	-0,001	0,014	0,016	FALSE
-0,012	0,310	0,000	0,007	0,006	FALSE
0,050	0,315	0,001	0,009	0,039	FALSE
-0,074	0,319	-0,002	0,009	0,076	FALSE
-0,137	0,307	-0,003	0,007	0,181	FALSE
0,062	0,312	0,002	0,010	0,072	FALSE
-0,021	0,308	0,000	0,010	0,008	FALSE
0,053	0,311	0,002	0,012	0,071	FALSE
-0,047	0,312	-0,003	0,013	0,080	FALSE
0,014	0,298	0,000	0,007	0,005	FALSE
-0,060	0,307	-0,001	0,008	0,072	FALSE
0,160	0,288	0,005	0,008	0,286	FALSE
-0,039	0,308	-0,002	0,009	0,060	FALSE
0,059	0,305	0,002	0,008	0,076	FALSE
0,092	0,306	0,002	0,007	0,104	FALSE
-0,048	0,293	-0,002	0,012	0,077	FALSE
-0,187	0,314	-0,005	0,008	0,246	FALSE
0,079	0,294	0,003	0,011	0,101	FALSE
0,071	0,316	0,002	0,009	0,099	FALSE
0,023	0,301	0,001	0,011	0,018	FALSE
0,041	0,304	0,001	0,010	0,024	FALSE
0,040	0,313	0,001	0,010	0,030	FALSE
0,000	0,314	0,000	0,010	0,008	FALSE
0,046	0,306	0,001	0,008	0,047	FALSE
-0,043	0,304	-0,001	0,008	0,058	FALSE
0,178	0,304	0,007	0,013	0,245	FALSE
-0,035	0,309	-0,002	0,009	0,067	FALSE
-0,008	0,297	-0,001	0,009	0,026	FALSE
-0,050	0,301	-0,002	0,010	0,080	FALSE
-0,038	0,317	-0,001	0,011	0,025	FALSE
0,003	0,306	0,000	0,007	0,001	FALSE
-0,013	0,312	0,000	0,006	0,004	FALSE
0,055	0,313	0,001	0,007	0,066	FALSE
-0,020	0,298	0,000	0,006	0,015	FALSE
-0,058	0,313	-0,002	0,007	0,088	FALSE
0,070	0,310	0,002	0,010	0,068	FALSE
0,068	0,304	0,002	0,008	0,111	FALSE
0,070	0,312	0,002	0,009	0,101	FALSE

-0,053	0,311	-0,001	0,009	0,059	FALSE
0,130	0,301	0,003	0,008	0,141	FALSE
0,094	0,311	0,002	0,008	0,093	FALSE
-0,093	0,304	-0,002	0,007	0,124	FALSE
-0,027	0,314	0,000	0,007	0,013	FALSE
-0,099	0,318	-0,003	0,008	0,131	FALSE
0,004	0,321	0,000	0,007	0,002	FALSE
0,094	0,303	0,003	0,010	0,140	FALSE
-0,035	0,312	-0,002	0,012	0,056	FALSE
-0,012	0,301	0,000	0,008	0,007	FALSE
0,087	0,307	0,003	0,008	0,132	FALSE
0,030	0,315	0,001	0,008	0,044	FALSE
0,058	0,318	0,002	0,009	0,081	FALSE
0,078	0,308	0,002	0,008	0,098	FALSE
-0,053	0,306	-0,003	0,013	0,092	FALSE
-0,105	0,311	-0,004	0,010	0,167	FALSE
-0,079	0,307	-0,003	0,010	0,118	FALSE
-0,064	0,319	-0,002	0,010	0,086	FALSE
0,145	0,307	0,003	0,007	0,194	FALSE
0,094	0,311	0,004	0,013	0,103	FALSE
0,126	0,305	0,002	0,007	0,136	FALSE
0,157	0,308	0,003	0,007	0,201	FALSE
-0,028	0,304	-0,001	0,010	0,018	FALSE
0,047	0,307	0,002	0,012	0,063	FALSE
-0,051	0,304	-0,001	0,007	0,076	FALSE
0,087	0,313	0,003	0,008	0,132	FALSE
-0,059	0,302	-0,002	0,007	0,082	FALSE
0,020	0,305	0,001	0,007	0,028	FALSE
0,087	0,313	0,003	0,011	0,093	FALSE
0,041	0,322	0,001	0,009	0,054	FALSE
0,016	0,299	0,000	0,007	0,003	FALSE
0,134	0,294	0,003	0,008	0,159	FALSE
-0,044	0,307	-0,003	0,013	0,078	FALSE
-0,027	0,318	0,000	0,009	0,010	FALSE
-0,107	0,297	-0,003	0,012	0,114	FALSE
-0,106	0,288	-0,003	0,012	0,112	FALSE
-0,093	0,317	-0,003	0,012	0,093	FALSE
0,030	0,304	0,001	0,012	0,022	FALSE
0,055	0,306	0,002	0,011	0,080	FALSE
0,108	0,305	0,002	0,008	0,111	FALSE
-0,076	0,303	-0,003	0,010	0,096	FALSE
0,025	0,304	0,000	0,010	0,002	FALSE
0,036	0,301	0,001	0,010	0,025	FALSE
0,031	0,300	0,001	0,013	0,028	FALSE
-0,040	0,313	-0,001	0,007	0,045	FALSE
-0,016	0,293	-0,001	0,009	0,044	FALSE
0,001	0,297	-0,001	0,009	0,027	FALSE
-0,040	0,309	-0,001	0,007	0,053	FALSE
-0,066	0,293	-0,003	0,010	0,109	FALSE
0,142	0,314	0,005	0,010	0,193	FALSE
0,024	0,314	0,001	0,008	0,053	FALSE
-0,104	0,320	-0,003	0,007	0,136	FALSE
-0,053	0,315	-0,003	0,012	0,093	FALSE

-0,133	0,305	-0,004	0,009	0,202	FALSE
-0,075	0,313	-0,003	0,012	0,094	FALSE
-0,077	0,315	-0,003	0,012	0,106	FALSE
-0,079	0,311	-0,003	0,011	0,098	FALSE
-0,084	0,311	-0,003	0,011	0,112	FALSE
-0,096	0,316	-0,004	0,012	0,126	FALSE
-0,057	0,309	-0,002	0,012	0,074	FALSE
-0,094	0,313	-0,002	0,007	0,121	FALSE
-0,010	0,319	0,000	0,007	0,021	FALSE
0,035	0,313	0,001	0,011	0,046	FALSE
-0,102	0,311	-0,003	0,007	0,140	FALSE
-0,129	0,308	-0,004	0,010	0,178	FALSE
0,055	0,291	0,002	0,012	0,048	FALSE
0,002	0,308	0,000	0,009	0,015	FALSE
0,009	0,313	0,000	0,007	0,006	FALSE
-0,005	0,289	-0,001	0,008	0,038	FALSE
-0,020	0,306	-0,001	0,007	0,041	FALSE
0,008	0,316	0,001	0,010	0,049	FALSE
-0,006	0,311	-0,001	0,013	0,041	FALSE
-0,035	0,298	-0,001	0,007	0,070	FALSE
-0,017	0,292	0,000	0,011	0,012	FALSE
-0,069	0,329	-0,002	0,009	0,081	FALSE
-0,066	0,295	-0,003	0,009	0,109	FALSE
0,024	0,297	0,001	0,010	0,023	FALSE
-0,018	0,317	-0,001	0,013	0,035	FALSE
0,024	0,301	0,001	0,012	0,025	FALSE
0,031	0,302	0,001	0,010	0,029	FALSE
0,036	0,306	0,001	0,010	0,045	FALSE
0,154	0,308	0,006	0,011	0,221	FALSE
0,158	0,295	0,006	0,011	0,246	FALSE
0,046	0,294	0,001	0,009	0,053	FALSE
-0,030	0,302	0,000	0,006	0,015	FALSE
0,012	0,303	0,001	0,007	0,032	FALSE
0,030	0,306	0,001	0,008	0,041	FALSE
-0,114	0,305	-0,005	0,012	0,155	FALSE
0,063	0,309	0,002	0,006	0,091	FALSE
-0,099	0,313	-0,004	0,010	0,154	FALSE
-0,074	0,326	-0,002	0,008	0,094	FALSE
-0,034	0,306	-0,001	0,008	0,032	FALSE
0,003	0,305	0,000	0,012	0,013	FALSE
0,114	0,303	0,003	0,008	0,126	FALSE
-0,091	0,293	-0,002	0,007	0,090	FALSE
0,020	0,309	0,001	0,012	0,026	FALSE
-0,013	0,293	-0,001	0,008	0,034	FALSE
0,077	0,310	0,003	0,012	0,108	FALSE
0,007	0,298	-0,001	0,008	0,026	FALSE
0,062	0,298	0,002	0,011	0,067	FALSE
-0,026	0,310	0,000	0,009	0,004	FALSE
-0,022	0,309	0,000	0,009	0,015	FALSE
-0,083	0,311	-0,003	0,012	0,107	FALSE
-0,055	0,297	-0,002	0,009	0,071	FALSE
0,090	0,311	0,002	0,006	0,123	FALSE
-0,023	0,304	0,000	0,008	0,011	FALSE

-0,091	0,316	-0,003	0,010	0,111	FALSE
0,078	0,311	0,003	0,012	0,089	FALSE
-0,020	0,290	0,000	0,007	0,009	FALSE
0,020	0,311	0,001	0,012	0,040	FALSE
0,045	0,318	0,002	0,010	0,067	FALSE
-0,047	0,301	0,000	0,008	0,002	FALSE
-0,108	0,310	-0,003	0,008	0,146	FALSE
0,220	0,303	0,005	0,007	0,334	FALSE
-0,022	0,286	-0,002	0,012	0,048	FALSE
0,006	0,306	0,000	0,012	0,011	FALSE
0,032	0,315	0,002	0,012	0,066	FALSE
0,177	0,284	0,004	0,006	0,302	FALSE
0,027	0,305	0,000	0,006	0,022	FALSE
-0,110	0,308	-0,003	0,008	0,140	FALSE
-0,006	0,311	0,000	0,007	0,021	FALSE
0,075	0,302	0,003	0,012	0,077	FALSE
-0,075	0,313	-0,004	0,013	0,125	FALSE
0,058	0,309	0,001	0,008	0,041	FALSE
0,005	0,310	0,000	0,012	0,012	FALSE
-0,050	0,314	-0,002	0,011	0,081	FALSE
-0,007	0,306	0,000	0,007	0,002	FALSE
0,030	0,304	0,000	0,007	0,020	FALSE
0,022	0,306	0,001	0,008	0,034	FALSE
0,073	0,311	0,002	0,013	0,071	FALSE
0,021	0,307	0,000	0,012	0,014	FALSE
-0,051	0,311	-0,002	0,010	0,062	FALSE
-0,065	0,299	-0,003	0,010	0,097	FALSE
-0,005	0,317	0,000	0,007	0,004	FALSE
0,090	0,302	0,003	0,011	0,121	FALSE
0,106	0,297	0,004	0,010	0,148	FALSE
0,082	0,296	0,003	0,010	0,108	FALSE
-0,108	0,309	-0,004	0,012	0,129	FALSE
-0,019	0,300	0,000	0,008	0,019	FALSE
0,024	0,305	0,001	0,008	0,048	FALSE
-0,041	0,304	0,000	0,007	0,022	FALSE
-0,048	0,309	-0,002	0,012	0,056	FALSE
0,016	0,313	0,000	0,011	0,011	FALSE
0,034	0,311	0,002	0,009	0,065	FALSE
0,080	0,296	0,003	0,012	0,105	FALSE
0,071	0,305	0,002	0,007	0,086	FALSE
-0,093	0,322	-0,002	0,009	0,098	FALSE
-0,092	0,304	-0,002	0,010	0,091	FALSE
-0,040	0,312	-0,002	0,012	0,050	FALSE
-0,097	0,306	-0,003	0,011	0,095	FALSE
0,072	0,312	0,002	0,007	0,134	FALSE
0,041	0,315	0,002	0,009	0,075	FALSE
0,052	0,309	0,002	0,007	0,098	FALSE
-0,083	0,311	-0,003	0,010	0,118	FALSE
-0,015	0,321	0,000	0,013	0,001	FALSE
0,006	0,316	0,000	0,007	0,011	FALSE
-0,057	0,319	-0,002	0,013	0,065	FALSE
0,007	0,311	-0,001	0,009	0,029	FALSE
-0,004	0,310	0,000	0,011	0,008	FALSE

-0,002	0,309	0,000	0,008	0,009	FALSE
0,039	0,306	0,002	0,011	0,057	FALSE
0,063	0,308	0,002	0,008	0,086	FALSE
0,049	0,318	0,002	0,009	0,078	FALSE
-0,023	0,318	-0,002	0,012	0,051	FALSE
0,190	0,297	0,005	0,008	0,256	FALSE
-0,012	0,295	0,000	0,011	0,013	FALSE
0,000	0,292	-0,001	0,012	0,019	FALSE
0,000	0,314	0,000	0,008	0,022	FALSE
0,015	0,319	0,001	0,013	0,035	FALSE
0,053	0,328	0,003	0,013	0,081	FALSE
-0,019	0,305	-0,001	0,012	0,043	FALSE
-0,020	0,309	0,000	0,012	0,009	FALSE
0,047	0,303	0,003	0,012	0,091	FALSE
-0,086	0,315	-0,002	0,007	0,080	FALSE
-0,131	0,297	-0,006	0,012	0,219	FALSE
0,216	0,277	0,006	0,008	0,336	FALSE
-0,172	0,305	-0,007	0,013	0,246	FALSE
0,146	0,289	0,006	0,013	0,202	FALSE
-0,060	0,311	-0,002	0,011	0,081	FALSE
-0,034	0,297	-0,002	0,010	0,078	FALSE
-0,084	0,315	-0,002	0,007	0,087	FALSE
0,126	0,300	0,006	0,013	0,177	FALSE
-0,021	0,314	0,000	0,008	0,009	FALSE
-0,005	0,303	0,000	0,012	0,004	FALSE
-0,017	0,305	0,000	0,007	0,002	FALSE
-0,006	0,305	0,000	0,011	0,006	FALSE
-0,047	0,313	-0,002	0,011	0,055	FALSE
-0,051	0,293	-0,002	0,007	0,082	FALSE
-0,092	0,297	-0,003	0,008	0,139	FALSE
0,083	0,306	0,003	0,009	0,128	FALSE
-0,035	0,309	-0,001	0,009	0,061	FALSE
-0,010	0,311	0,000	0,008	0,009	FALSE
-0,108	0,302	-0,003	0,008	0,149	FALSE
0,036	0,309	0,000	0,008	0,012	FALSE
-0,024	0,306	0,000	0,008	0,011	FALSE
0,029	0,315	0,001	0,009	0,056	FALSE
0,022	0,304	0,000	0,012	0,012	FALSE
0,030	0,311	0,000	0,007	0,023	FALSE
0,042	0,323	0,001	0,009	0,024	FALSE
0,234	0,304	0,007	0,008	0,383	FALSE
-0,126	0,305	-0,002	0,007	0,140	FALSE
0,241	0,301	0,007	0,008	0,389	FALSE
-0,075	0,312	-0,002	0,011	0,072	FALSE
-0,034	0,310	-0,002	0,012	0,075	FALSE
-0,053	0,305	-0,003	0,012	0,094	FALSE
-0,019	0,305	-0,002	0,012	0,052	FALSE
0,061	0,321	0,001	0,008	0,071	FALSE
-0,016	0,320	-0,001	0,008	0,042	FALSE
-0,143	0,326	-0,004	0,010	0,141	FALSE
-0,009	0,321	0,000	0,006	0,005	FALSE
0,047	0,306	0,002	0,012	0,066	FALSE
0,021	0,318	0,001	0,012	0,040	FALSE

0,074	0,297	0,003	0,011	0,106	FALSE
-0,053	0,307	-0,001	0,008	0,058	FALSE
-0,004	0,306	0,000	0,009	0,011	FALSE
-0,108	0,310	-0,005	0,011	0,166	TRUE
-0,095	0,299	-0,002	0,007	0,113	FALSE
-0,013	0,306	-0,001	0,010	0,034	FALSE
0,148	0,297	0,007	0,012	0,255	FALSE
-0,064	0,302	-0,003	0,011	0,110	FALSE
-0,096	0,301	-0,004	0,011	0,163	FALSE
-0,149	0,312	-0,007	0,013	0,241	FALSE
-0,059	0,313	-0,002	0,009	0,071	FALSE
-0,099	0,297	-0,002	0,006	0,142	FALSE
-0,126	0,313	-0,006	0,013	0,174	FALSE
-0,076	0,312	-0,002	0,008	0,071	FALSE
-0,004	0,310	0,000	0,007	0,006	FALSE
-0,060	0,308	-0,001	0,008	0,051	FALSE
-0,096	0,308	-0,003	0,008	0,130	FALSE
-0,113	0,309	-0,003	0,008	0,146	FALSE
-0,081	0,306	-0,002	0,008	0,098	FALSE
-0,147	0,297	-0,004	0,008	0,193	FALSE
-0,098	0,312	-0,003	0,008	0,134	FALSE
-0,075	0,290	-0,002	0,008	0,092	FALSE
-0,066	0,312	-0,002	0,008	0,092	FALSE
-0,087	0,314	-0,003	0,009	0,121	FALSE
-0,080	0,307	-0,003	0,010	0,103	FALSE
-0,099	0,313	-0,003	0,009	0,145	FALSE
-0,103	0,316	-0,003	0,009	0,120	FALSE
-0,097	0,315	-0,003	0,009	0,130	FALSE
-0,063	0,310	-0,002	0,009	0,072	FALSE
-0,080	0,316	-0,002	0,009	0,106	FALSE
-0,092	0,298	-0,003	0,008	0,125	FALSE
-0,099	0,304	-0,003	0,008	0,139	FALSE
-0,022	0,310	-0,001	0,009	0,058	FALSE
0,003	0,310	0,000	0,012	0,001	FALSE
0,062	0,300	0,002	0,007	0,090	FALSE
0,016	0,320	0,001	0,012	0,028	FALSE
0,033	0,313	0,001	0,011	0,033	FALSE
0,079	0,299	0,002	0,006	0,113	FALSE
-0,126	0,303	-0,006	0,013	0,215	FALSE
-0,012	0,308	0,001	0,008	0,024	FALSE
-0,112	0,318	-0,003	0,009	0,136	FALSE
0,055	0,309	0,001	0,007	0,078	FALSE
0,043	0,312	0,001	0,008	0,064	FALSE
0,164	0,296	0,005	0,009	0,211	FALSE
0,176	0,289	0,005	0,009	0,254	FALSE
0,132	0,302	0,005	0,009	0,210	FALSE
-0,063	0,303	-0,002	0,012	0,062	FALSE
0,046	0,289	0,002	0,010	0,070	FALSE
0,020	0,302	0,001	0,011	0,017	FALSE
0,031	0,321	0,002	0,010	0,057	FALSE
0,065	0,299	0,002	0,006	0,095	FALSE
-0,108	0,304	-0,004	0,012	0,151	FALSE
-0,068	0,314	-0,003	0,013	0,084	FALSE

-0,042	0,307	-0,002	0,012	0,056	FALSE
0,047	0,297	0,002	0,008	0,093	FALSE
0,022	0,315	0,001	0,008	0,055	FALSE
0,044	0,294	0,001	0,007	0,075	FALSE
-0,053	0,331	-0,002	0,010	0,067	FALSE
0,092	0,305	0,003	0,010	0,131	FALSE
0,102	0,296	0,003	0,008	0,132	FALSE
0,144	0,315	0,004	0,007	0,223	FALSE
0,032	0,315	0,002	0,013	0,048	FALSE
0,047	0,316	0,001	0,007	0,061	FALSE
0,037	0,305	0,001	0,012	0,033	FALSE
0,034	0,306	0,001	0,012	0,034	FALSE
0,044	0,300	0,001	0,011	0,037	FALSE
-0,044	0,306	-0,001	0,007	0,053	FALSE
-0,058	0,321	-0,002	0,012	0,080	FALSE
0,098	0,321	0,002	0,007	0,132	FALSE
-0,014	0,311	-0,001	0,008	0,031	FALSE
-0,046	0,306	-0,002	0,011	0,071	FALSE
0,000	0,320	-0,001	0,012	0,018	FALSE
0,173	0,286	0,005	0,008	0,285	FALSE
-0,064	0,300	-0,002	0,008	0,106	FALSE
0,007	0,311	0,000	0,012	0,012	FALSE
-0,078	0,309	-0,002	0,009	0,087	FALSE
0,027	0,322	0,001	0,008	0,043	FALSE
-0,022	0,317	0,000	0,007	0,006	FALSE
0,002	0,305	0,000	0,012	0,011	FALSE
-0,057	0,304	-0,001	0,007	0,061	FALSE
-0,047	0,309	-0,002	0,012	0,071	FALSE
-0,027	0,311	0,000	0,007	0,020	FALSE
-0,052	0,315	-0,002	0,012	0,072	FALSE
-0,060	0,316	-0,001	0,007	0,063	FALSE
-0,071	0,317	-0,001	0,007	0,072	FALSE
-0,054	0,324	-0,002	0,008	0,103	FALSE
-0,048	0,306	-0,003	0,012	0,093	FALSE
-0,071	0,318	-0,004	0,011	0,126	FALSE
-0,096	0,318	-0,002	0,007	0,117	FALSE
0,052	0,309	0,002	0,008	0,073	FALSE
0,024	0,309	0,001	0,009	0,050	FALSE
0,003	0,295	-0,001	0,013	0,035	FALSE
-0,013	0,289	-0,002	0,012	0,066	FALSE
-0,016	0,289	-0,002	0,011	0,067	FALSE
0,004	0,314	0,000	0,010	0,016	FALSE
-0,030	0,313	0,000	0,008	0,008	FALSE
-0,088	0,306	-0,003	0,011	0,099	FALSE
0,055	0,317	0,001	0,007	0,070	FALSE
-0,025	0,308	0,000	0,007	0,021	FALSE
0,149	0,310	0,005	0,010	0,200	FALSE
-0,065	0,307	-0,002	0,008	0,098	FALSE
-0,033	0,326	-0,001	0,010	0,044	FALSE
-0,122	0,304	-0,004	0,011	0,137	FALSE
-0,036	0,310	-0,001	0,007	0,050	FALSE
-0,135	0,299	-0,003	0,007	0,185	FALSE
-0,003	0,309	0,000	0,006	0,007	FALSE

-0,021	0,312	0,000	0,007	0,004	FALSE
0,063	0,292	0,002	0,012	0,076	FALSE
0,085	0,288	0,003	0,008	0,155	FALSE
0,050	0,304	0,002	0,012	0,063	FALSE
0,039	0,312	0,002	0,012	0,049	FALSE
-0,012	0,316	-0,001	0,012	0,019	FALSE
-0,086	0,280	-0,003	0,011	0,094	FALSE
-0,012	0,318	-0,001	0,012	0,015	FALSE
0,004	0,321	0,000	0,012	0,004	FALSE
0,096	0,314	0,002	0,008	0,105	FALSE
0,095	0,309	0,003	0,009	0,123	FALSE
-0,007	0,317	0,000	0,009	0,020	FALSE
-0,096	0,287	-0,004	0,011	0,138	FALSE
0,014	0,307	0,001	0,011	0,022	FALSE
-0,050	0,309	-0,002	0,010	0,070	FALSE
0,042	0,317	0,002	0,011	0,059	FALSE
0,027	0,316	0,001	0,013	0,025	FALSE
-0,176	0,300	-0,006	0,010	0,272	FALSE
0,022	0,297	0,000	0,011	0,002	FALSE
-0,014	0,324	-0,001	0,009	0,032	FALSE
-0,009	0,308	-0,001	0,011	0,021	FALSE
0,100	0,324	0,003	0,011	0,113	FALSE
0,060	0,309	0,001	0,007	0,058	FALSE
-0,036	0,317	-0,001	0,009	0,048	FALSE
-0,112	0,297	-0,002	0,006	0,143	FALSE
-0,033	0,302	-0,001	0,011	0,024	FALSE
-0,043	0,311	-0,001	0,008	0,064	FALSE
-0,005	0,302	0,001	0,010	0,022	FALSE
-0,071	0,305	-0,001	0,007	0,076	FALSE
-0,090	0,313	-0,002	0,007	0,105	FALSE
-0,060	0,310	-0,003	0,012	0,102	FALSE
0,075	0,308	0,002	0,008	0,101	FALSE
-0,058	0,322	-0,001	0,007	0,072	FALSE
-0,037	0,312	0,000	0,006	0,026	FALSE
0,031	0,309	0,001	0,012	0,044	FALSE
0,018	0,298	0,000	0,011	0,001	FALSE
-0,021	0,314	-0,001	0,007	0,027	FALSE
-0,048	0,319	-0,002	0,011	0,054	FALSE
0,017	0,313	0,000	0,007	0,004	FALSE
0,019	0,302	0,002	0,012	0,045	FALSE
-0,102	0,313	-0,003	0,012	0,112	FALSE
-0,077	0,311	-0,003	0,010	0,101	FALSE
0,087	0,310	0,003	0,013	0,078	FALSE
0,006	0,299	0,000	0,007	0,018	FALSE
-0,078	0,313	-0,002	0,009	0,104	FALSE
0,024	0,315	0,000	0,009	0,006	FALSE
-0,028	0,330	0,000	0,012	0,009	FALSE
-0,087	0,300	-0,003	0,011	0,099	FALSE
-0,111	0,312	-0,004	0,012	0,134	FALSE
0,109	0,305	0,002	0,007	0,119	FALSE
-0,011	0,318	0,000	0,007	0,008	FALSE
-0,008	0,305	0,000	0,008	0,021	FALSE
-0,006	0,303	0,000	0,008	0,020	FALSE

-0,016	0,306	-0,001	0,008	0,029	FALSE
0,003	0,309	0,000	0,009	0,004	FALSE
0,013	0,296	0,000	0,008	0,003	FALSE
-0,019	0,315	0,000	0,012	0,008	FALSE
0,032	0,302	0,000	0,009	0,013	FALSE
0,039	0,315	0,001	0,011	0,049	FALSE
-0,092	0,318	-0,002	0,008	0,113	FALSE
0,008	0,304	0,000	0,009	0,015	FALSE
-0,076	0,309	-0,003	0,010	0,123	FALSE
0,200	0,302	0,007	0,011	0,281	FALSE
0,006	0,298	0,000	0,012	0,012	FALSE
0,176	0,311	0,006	0,011	0,244	FALSE
-0,160	0,302	-0,006	0,012	0,202	FALSE
0,167	0,288	0,006	0,010	0,253	FALSE
-0,027	0,297	-0,001	0,008	0,026	FALSE
-0,044	0,311	-0,001	0,007	0,037	FALSE
0,015	0,300	0,001	0,009	0,034	FALSE
0,088	0,309	0,004	0,013	0,114	FALSE
0,078	0,303	0,001	0,007	0,077	FALSE
0,052	0,314	0,002	0,013	0,068	FALSE
-0,048	0,309	-0,001	0,010	0,055	FALSE
-0,077	0,307	-0,002	0,010	0,085	FALSE
0,042	0,309	0,001	0,007	0,046	FALSE
0,008	0,310	0,000	0,009	0,003	FALSE
0,006	0,309	0,001	0,009	0,044	FALSE
0,021	0,300	0,001	0,008	0,037	FALSE
0,038	0,308	0,002	0,013	0,047	FALSE
0,021	0,313	0,000	0,007	0,012	FALSE
-0,101	0,296	-0,004	0,012	0,130	FALSE
-0,104	0,311	-0,002	0,008	0,110	FALSE
-0,098	0,295	-0,003	0,013	0,105	FALSE
-0,047	0,302	-0,001	0,007	0,073	FALSE
0,020	0,307	0,000	0,013	0,010	FALSE
0,069	0,294	0,003	0,010	0,124	FALSE
0,006	0,306	0,001	0,007	0,031	FALSE
-0,041	0,314	-0,001	0,011	0,038	FALSE
-0,027	0,317	-0,001	0,008	0,025	FALSE
-0,065	0,315	-0,002	0,010	0,064	FALSE
-0,050	0,303	-0,001	0,010	0,039	FALSE
0,053	0,318	0,002	0,010	0,073	FALSE
-0,031	0,300	0,000	0,006	0,007	FALSE
-0,085	0,316	-0,002	0,008	0,114	FALSE
-0,026	0,297	-0,002	0,010	0,058	FALSE
-0,123	0,303	-0,003	0,012	0,103	FALSE
-0,172	0,302	-0,005	0,011	0,196	FALSE
-0,053	0,297	-0,002	0,011	0,090	FALSE
-0,042	0,302	-0,001	0,012	0,027	FALSE
-0,005	0,301	0,000	0,008	0,017	FALSE
0,064	0,301	0,002	0,008	0,114	FALSE
-0,099	0,306	-0,002	0,007	0,128	FALSE
-0,009	0,314	0,000	0,008	0,002	FALSE
-0,023	0,307	-0,001	0,012	0,025	FALSE
0,029	0,300	0,000	0,007	0,019	FALSE

0,006	0,301	0,000	0,013	0,001	FALSE
-0,109	0,299	-0,004	0,012	0,154	FALSE
0,034	0,304	0,001	0,007	0,038	FALSE
0,027	0,309	0,001	0,006	0,061	FALSE
0,106	0,312	0,003	0,011	0,120	FALSE
0,025	0,319	0,001	0,007	0,028	FALSE
-0,078	0,311	-0,002	0,008	0,118	FALSE
0,057	0,309	0,003	0,012	0,098	FALSE
0,071	0,308	0,003	0,011	0,109	FALSE
0,078	0,303	0,003	0,010	0,116	FALSE
0,018	0,296	0,000	0,007	0,026	FALSE
0,122	0,284	0,005	0,010	0,200	FALSE
0,039	0,306	0,002	0,009	0,069	FALSE
0,052	0,310	0,004	0,013	0,122	FALSE
0,101	0,309	0,004	0,013	0,125	FALSE
-0,121	0,299	-0,006	0,013	0,213	FALSE
-0,054	0,310	-0,002	0,009	0,075	FALSE
0,117	0,305	0,003	0,007	0,148	FALSE
0,008	0,313	0,000	0,008	0,012	FALSE
-0,008	0,306	0,000	0,008	0,010	FALSE
-0,004	0,320	-0,001	0,008	0,029	FALSE
0,093	0,314	0,003	0,010	0,130	FALSE
-0,005	0,307	0,000	0,010	0,011	FALSE
0,097	0,303	0,004	0,010	0,140	FALSE
0,007	0,309	0,001	0,012	0,036	FALSE
-0,078	0,311	-0,003	0,012	0,078	FALSE
0,149	0,311	0,003	0,006	0,220	FALSE
0,140	0,288	0,004	0,008	0,231	FALSE
0,167	0,298	0,006	0,009	0,276	FALSE
0,177	0,293	0,006	0,008	0,297	FALSE
0,169	0,305	0,005	0,009	0,255	FALSE
0,167	0,306	0,006	0,010	0,238	FALSE
0,065	0,304	0,001	0,006	0,081	FALSE
0,084	0,305	0,002	0,006	0,113	FALSE
-0,021	0,315	0,000	0,007	0,018	FALSE
-0,044	0,290	-0,001	0,007	0,038	FALSE
0,043	0,289	0,001	0,008	0,055	FALSE
-0,004	0,297	0,000	0,009	0,015	FALSE
0,065	0,318	0,002	0,012	0,076	FALSE
0,015	0,312	0,000	0,008	0,012	FALSE
0,060	0,313	0,001	0,008	0,068	FALSE
-0,018	0,310	0,000	0,009	0,013	FALSE
0,001	0,320	0,000	0,008	0,000	FALSE
-0,037	0,301	-0,001	0,012	0,045	FALSE
0,065	0,306	0,002	0,010	0,091	FALSE
0,078	0,301	0,002	0,011	0,088	FALSE
0,036	0,303	0,001	0,013	0,029	FALSE
-0,110	0,299	-0,003	0,008	0,141	FALSE
0,005	0,296	-0,001	0,013	0,025	FALSE
0,033	0,304	0,002	0,013	0,063	FALSE
-0,089	0,302	-0,002	0,008	0,083	FALSE
-0,047	0,310	-0,001	0,008	0,059	FALSE
-0,067	0,310	-0,002	0,008	0,076	FALSE

-0,049	0,314	-0,003	0,012	0,091	FALSE
-0,014	0,317	-0,001	0,013	0,023	FALSE
-0,147	0,273	-0,004	0,008	0,206	FALSE
-0,021	0,302	-0,001	0,012	0,031	FALSE
0,040	0,308	0,001	0,007	0,050	FALSE
0,108	0,312	0,002	0,007	0,129	FALSE
-0,038	0,322	-0,001	0,009	0,039	FALSE
0,088	0,307	0,002	0,007	0,110	FALSE
0,146	0,314	0,003	0,007	0,183	FALSE
0,049	0,298	0,003	0,012	0,085	FALSE
0,110	0,297	0,006	0,012	0,185	FALSE
0,061	0,305	0,003	0,012	0,094	FALSE
-0,039	0,307	-0,002	0,010	0,066	FALSE
0,078	0,306	0,002	0,008	0,107	FALSE
0,038	0,284	0,001	0,007	0,069	FALSE
0,000	0,297	0,000	0,007	0,004	FALSE
0,060	0,306	0,002	0,013	0,047	FALSE
-0,064	0,303	-0,002	0,009	0,081	FALSE
0,022	0,309	0,001	0,010	0,023	FALSE
-0,137	0,312	-0,003	0,007	0,179	FALSE
0,077	0,307	0,002	0,009	0,084	FALSE
-0,113	0,313	-0,003	0,009	0,132	FALSE
0,046	0,298	0,001	0,008	0,063	FALSE
0,138	0,304	0,003	0,007	0,167	FALSE
0,140	0,311	0,003	0,007	0,162	FALSE
0,092	0,306	0,002	0,006	0,109	FALSE
-0,135	0,305	-0,005	0,010	0,198	FALSE
-0,050	0,309	-0,001	0,010	0,035	FALSE
-0,062	0,304	-0,003	0,013	0,083	FALSE
0,087	0,301	0,002	0,009	0,094	FALSE
0,012	0,318	0,001	0,010	0,031	FALSE
-0,153	0,315	-0,004	0,008	0,228	FALSE
0,035	0,305	0,000	0,008	0,019	FALSE
-0,030	0,304	-0,001	0,012	0,037	FALSE
0,049	0,292	0,001	0,011	0,024	FALSE
0,001	0,298	0,000	0,007	0,004	FALSE
-0,005	0,307	0,000	0,011	0,014	FALSE
0,031	0,318	0,001	0,008	0,028	FALSE
-0,005	0,308	0,000	0,013	0,005	FALSE
0,135	0,309	0,004	0,011	0,155	FALSE
0,026	0,303	0,000	0,007	0,019	FALSE
-0,090	0,306	-0,003	0,013	0,099	FALSE
-0,038	0,312	-0,001	0,009	0,046	FALSE
0,074	0,295	0,003	0,012	0,084	FALSE
-0,079	0,299	-0,002	0,007	0,098	FALSE
-0,062	0,304	-0,002	0,007	0,086	FALSE
0,122	0,302	0,003	0,007	0,183	FALSE
-0,053	0,312	-0,001	0,010	0,052	FALSE
0,081	0,303	0,002	0,006	0,109	FALSE
-0,119	0,311	-0,003	0,007	0,177	FALSE
-0,041	0,302	-0,001	0,009	0,037	FALSE
-0,153	0,300	-0,003	0,007	0,175	FALSE
0,048	0,312	0,002	0,010	0,076	FALSE

0,025	0,310	0,001	0,010	0,038	FALSE
0,041	0,313	0,002	0,011	0,064	FALSE
-0,039	0,308	-0,001	0,006	0,031	FALSE
-0,018	0,305	0,000	0,007	0,008	FALSE
0,077	0,299	0,002	0,011	0,063	FALSE
-0,116	0,309	-0,004	0,010	0,175	FALSE
-0,046	0,314	-0,001	0,009	0,059	FALSE
0,022	0,313	0,000	0,007	0,016	FALSE
-0,037	0,300	-0,001	0,012	0,032	FALSE
0,013	0,320	0,001	0,012	0,021	FALSE
0,010	0,309	0,001	0,007	0,028	FALSE
0,096	0,324	0,005	0,013	0,146	FALSE
0,003	0,307	0,000	0,010	0,010	FALSE
-0,121	0,309	-0,005	0,013	0,168	FALSE
0,002	0,308	0,000	0,009	0,015	FALSE
0,003	0,313	0,001	0,008	0,043	FALSE
-0,006	0,316	0,000	0,011	0,006	FALSE
0,050	0,324	0,001	0,011	0,037	FALSE
-0,121	0,304	-0,002	0,006	0,143	FALSE
-0,087	0,322	-0,002	0,007	0,109	FALSE
0,016	0,309	0,001	0,012	0,025	FALSE
0,026	0,306	0,000	0,007	0,022	FALSE
0,148	0,295	0,007	0,013	0,218	FALSE
-0,090	0,306	-0,002	0,006	0,109	FALSE
0,050	0,305	0,001	0,009	0,037	FALSE
0,132	0,296	0,005	0,010	0,196	FALSE
0,154	0,300	0,007	0,013	0,227	FALSE
0,076	0,312	0,003	0,010	0,119	FALSE
0,018	0,319	0,000	0,007	0,024	FALSE
0,107	0,320	0,002	0,007	0,132	FALSE
-0,029	0,311	0,000	0,012	0,009	FALSE
0,005	0,311	0,001	0,012	0,033	FALSE
-0,015	0,308	-0,001	0,012	0,023	FALSE
-0,038	0,308	-0,001	0,010	0,040	FALSE
-0,053	0,314	-0,001	0,006	0,053	FALSE
-0,148	0,288	-0,003	0,007	0,157	FALSE
0,143	0,310	0,005	0,011	0,200	FALSE
-0,092	0,302	-0,002	0,007	0,129	FALSE
-0,072	0,323	-0,001	0,007	0,072	FALSE
0,085	0,310	0,003	0,013	0,085	FALSE
0,060	0,311	0,003	0,012	0,107	FALSE
-0,028	0,298	-0,001	0,007	0,049	FALSE
-0,065	0,304	-0,002	0,009	0,069	FALSE
0,076	0,293	0,002	0,007	0,108	FALSE
-0,055	0,307	-0,002	0,008	0,092	FALSE
0,033	0,314	0,002	0,012	0,065	FALSE
-0,013	0,317	-0,001	0,013	0,031	FALSE
-0,122	0,296	-0,003	0,007	0,167	FALSE
0,025	0,313	0,001	0,012	0,033	FALSE
0,141	0,311	0,005	0,012	0,182	FALSE
-0,055	0,301	-0,002	0,009	0,067	FALSE
-0,012	0,303	0,000	0,009	0,001	FALSE
-0,082	0,300	-0,003	0,010	0,125	FALSE

-0,135	0,302	-0,005	0,010	0,191	FALSE
0,060	0,308	0,002	0,008	0,098	FALSE
-0,029	0,292	-0,001	0,013	0,035	FALSE
-0,148	0,285	-0,003	0,006	0,198	FALSE
0,076	0,297	0,002	0,008	0,110	FALSE
0,004	0,311	0,000	0,010	0,012	FALSE
-0,100	0,311	-0,003	0,009	0,124	FALSE
0,066	0,314	0,003	0,012	0,090	FALSE
0,115	0,309	0,006	0,013	0,181	FALSE
0,124	0,302	0,005	0,010	0,201	FALSE
-0,023	0,315	-0,001	0,008	0,029	FALSE
0,019	0,311	0,001	0,009	0,024	FALSE
-0,048	0,318	-0,001	0,009	0,023	FALSE
0,036	0,291	0,003	0,010	0,098	FALSE
-0,056	0,306	-0,001	0,007	0,074	FALSE
-0,089	0,290	-0,003	0,011	0,118	FALSE
0,047	0,312	0,002	0,011	0,051	FALSE
-0,104	0,305	-0,004	0,011	0,140	FALSE
0,000	0,313	0,000	0,012	0,001	FALSE
-0,086	0,312	-0,003	0,013	0,092	FALSE
0,000	0,311	0,001	0,008	0,025	FALSE
0,013	0,311	0,000	0,012	0,008	FALSE
-0,078	0,301	-0,002	0,008	0,086	FALSE
0,068	0,291	0,003	0,012	0,087	FALSE
0,016	0,315	0,000	0,007	0,019	FALSE
0,051	0,303	0,002	0,012	0,075	FALSE
0,137	0,296	0,007	0,014	0,202	FALSE
-0,001	0,324	0,000	0,008	0,007	FALSE
0,140	0,310	0,003	0,007	0,188	FALSE
0,142	0,307	0,005	0,012	0,163	FALSE
0,194	0,295	0,007	0,010	0,306	FALSE
-0,060	0,298	-0,001	0,010	0,053	FALSE
0,061	0,313	0,002	0,012	0,059	FALSE
0,066	0,320	0,001	0,006	0,061	FALSE
-0,053	0,314	-0,002	0,013	0,068	FALSE
-0,041	0,324	0,000	0,009	0,016	FALSE
-0,108	0,323	-0,003	0,010	0,126	FALSE
-0,027	0,304	0,000	0,009	0,016	FALSE
0,146	0,306	0,005	0,011	0,185	FALSE
-0,021	0,310	0,000	0,007	0,007	FALSE
0,044	0,305	0,001	0,010	0,042	FALSE
-0,007	0,300	0,000	0,012	0,014	FALSE
0,079	0,292	0,003	0,012	0,090	FALSE
0,073	0,306	0,002	0,006	0,099	FALSE
-0,019	0,316	-0,001	0,012	0,034	FALSE
0,075	0,307	0,002	0,007	0,096	FALSE
0,060	0,304	0,002	0,011	0,057	FALSE
0,008	0,302	0,001	0,007	0,046	FALSE
0,065	0,312	0,002	0,009	0,088	FALSE
0,007	0,295	0,001	0,010	0,027	FALSE
-0,115	0,324	-0,003	0,009	0,150	FALSE
0,133	0,302	0,003	0,008	0,167	FALSE
-0,025	0,319	0,000	0,008	0,012	FALSE

-0,009	0,309	0,000	0,011	0,010	FALSE
-0,026	0,309	-0,001	0,011	0,034	FALSE
-0,007	0,300	0,000	0,013	0,005	FALSE
0,075	0,316	0,003	0,011	0,088	FALSE
-0,117	0,299	-0,004	0,008	0,197	FALSE
-0,063	0,309	-0,001	0,007	0,071	FALSE
-0,047	0,288	-0,002	0,011	0,076	FALSE
-0,052	0,304	-0,002	0,012	0,061	FALSE
0,065	0,303	0,003	0,010	0,098	FALSE
-0,099	0,307	-0,004	0,013	0,139	FALSE
-0,145	0,287	-0,007	0,011	0,265	FALSE
0,120	0,301	0,005	0,012	0,158	FALSE
0,124	0,307	0,005	0,012	0,164	FALSE
0,109	0,310	0,005	0,012	0,154	FALSE
0,139	0,303	0,005	0,011	0,194	FALSE
-0,104	0,318	-0,003	0,009	0,127	FALSE
0,197	0,317	0,006	0,010	0,245	FALSE
0,084	0,311	0,003	0,012	0,087	FALSE
0,069	0,307	0,002	0,013	0,072	FALSE
-0,041	0,296	-0,001	0,009	0,040	FALSE
0,025	0,314	0,001	0,008	0,033	FALSE
0,046	0,303	0,001	0,007	0,074	FALSE
0,005	0,316	0,000	0,009	0,005	FALSE
0,182	0,289	0,008	0,012	0,286	FALSE
-0,122	0,302	-0,005	0,013	0,164	FALSE
0,146	0,305	0,005	0,008	0,263	FALSE
-0,027	0,314	-0,001	0,011	0,039	FALSE
0,007	0,312	0,001	0,008	0,025	FALSE
-0,013	0,314	0,001	0,011	0,018	FALSE
-0,007	0,292	0,000	0,007	0,013	FALSE
0,106	0,300	0,003	0,011	0,117	FALSE
0,015	0,308	0,000	0,008	0,008	FALSE
0,053	0,305	0,002	0,008	0,080	FALSE
0,034	0,318	0,001	0,012	0,032	FALSE
-0,081	0,294	-0,002	0,009	0,103	FALSE
0,025	0,309	0,000	0,008	0,021	FALSE
-0,056	0,299	-0,002	0,012	0,057	FALSE
0,087	0,305	0,002	0,008	0,114	FALSE
-0,057	0,320	-0,001	0,008	0,055	FALSE
-0,074	0,301	-0,002	0,007	0,102	FALSE
0,121	0,315	0,005	0,013	0,155	FALSE
0,003	0,306	0,000	0,008	0,014	FALSE
0,119	0,304	0,004	0,009	0,177	FALSE
0,031	0,318	0,001	0,012	0,026	FALSE
-0,041	0,319	-0,002	0,012	0,046	FALSE
-0,034	0,309	-0,001	0,012	0,044	FALSE
-0,084	0,307	-0,001	0,007	0,077	FALSE
-0,036	0,314	-0,001	0,007	0,050	FALSE
0,064	0,314	0,002	0,011	0,077	FALSE
0,047	0,304	0,001	0,007	0,048	FALSE
0,065	0,295	0,001	0,009	0,045	FALSE
0,108	0,317	0,002	0,008	0,118	FALSE
-0,116	0,311	-0,004	0,011	0,151	FALSE

-0,123	0,317	-0,003	0,007	0,182	FALSE
-0,032	0,304	0,000	0,009	0,008	FALSE
0,000	0,290	0,000	0,006	0,006	FALSE
0,153	0,317	0,006	0,011	0,236	FALSE
-0,014	0,309	0,000	0,009	0,010	FALSE
0,032	0,312	0,000	0,008	0,020	FALSE
-0,059	0,298	-0,002	0,011	0,077	FALSE
0,143	0,302	0,006	0,013	0,195	FALSE
0,008	0,313	0,001	0,011	0,021	FALSE
-0,039	0,310	-0,002	0,012	0,065	FALSE
-0,063	0,314	-0,003	0,013	0,099	FALSE
0,019	0,318	0,001	0,010	0,045	FALSE
-0,084	0,315	-0,003	0,012	0,087	FALSE
0,047	0,306	0,003	0,012	0,087	FALSE
0,013	0,311	0,001	0,010	0,022	FALSE
-0,059	0,301	-0,001	0,009	0,044	FALSE
-0,110	0,315	-0,003	0,011	0,106	FALSE
0,055	0,309	0,002	0,009	0,087	FALSE
-0,004	0,305	0,000	0,010	0,011	FALSE
0,015	0,316	0,001	0,011	0,036	FALSE
0,058	0,308	0,002	0,011	0,053	FALSE
-0,179	0,304	-0,004	0,007	0,237	FALSE
-0,018	0,302	-0,001	0,012	0,024	FALSE
0,077	0,312	0,002	0,009	0,108	FALSE
-0,114	0,316	-0,005	0,011	0,180	FALSE
0,038	0,312	0,002	0,010	0,076	FALSE
0,116	0,296	0,004	0,008	0,203	FALSE
0,128	0,294	0,004	0,007	0,216	FALSE
-0,038	0,309	-0,002	0,010	0,070	FALSE
0,072	0,317	0,002	0,008	0,070	FALSE
-0,029	0,314	-0,001	0,011	0,028	FALSE
-0,037	0,321	-0,001	0,009	0,030	FALSE
-0,028	0,303	0,000	0,011	0,014	FALSE
0,004	0,314	-0,001	0,011	0,028	FALSE
-0,018	0,296	0,000	0,007	0,011	FALSE
0,034	0,310	0,000	0,008	0,016	FALSE
0,064	0,307	0,001	0,008	0,064	FALSE
0,052	0,298	0,001	0,006	0,075	FALSE
0,054	0,312	0,002	0,007	0,085	FALSE
-0,036	0,304	-0,001	0,012	0,036	FALSE
0,055	0,295	0,001	0,007	0,062	FALSE
0,089	0,307	0,002	0,006	0,116	FALSE
0,052	0,313	0,001	0,009	0,037	FALSE
-0,046	0,320	-0,001	0,010	0,035	FALSE
-0,095	0,315	-0,002	0,007	0,124	FALSE
-0,050	0,306	-0,001	0,011	0,033	FALSE
-0,009	0,294	0,000	0,012	0,004	FALSE
0,096	0,301	0,002	0,006	0,124	FALSE
-0,109	0,303	-0,004	0,012	0,138	FALSE
-0,030	0,297	-0,001	0,008	0,053	FALSE
-0,018	0,292	-0,001	0,007	0,032	FALSE
0,186	0,297	0,004	0,008	0,240	FALSE
-0,069	0,291	-0,001	0,007	0,039	FALSE

0,038	0,312	0,001	0,007	0,024	FALSE
-0,043	0,302	-0,002	0,010	0,064	FALSE
0,048	0,307	0,002	0,007	0,108	FALSE
0,001	0,307	0,000	0,007	0,004	FALSE
-0,011	0,307	0,000	0,009	0,017	FALSE
-0,066	0,305	-0,001	0,010	0,056	FALSE
0,151	0,311	0,006	0,013	0,207	FALSE
-0,096	0,308	-0,002	0,006	0,108	FALSE
0,139	0,306	0,003	0,007	0,187	FALSE
-0,086	0,312	-0,003	0,011	0,106	FALSE
0,187	0,288	0,007	0,011	0,295	FALSE
-0,046	0,313	-0,003	0,013	0,079	FALSE
0,039	0,299	0,001	0,006	0,029	FALSE
-0,024	0,294	0,000	0,007	0,027	FALSE
-0,077	0,318	-0,003	0,012	0,100	FALSE
0,083	0,289	0,004	0,012	0,124	FALSE
0,117	0,306	0,005	0,013	0,163	FALSE
0,167	0,292	0,007	0,013	0,252	FALSE
-0,091	0,304	-0,002	0,007	0,123	FALSE
0,014	0,308	0,001	0,009	0,032	FALSE
-0,090	0,299	-0,002	0,007	0,085	FALSE
-0,028	0,295	-0,001	0,011	0,048	FALSE
0,032	0,311	0,000	0,012	0,010	FALSE
-0,074	0,286	-0,005	0,012	0,148	FALSE
-0,068	0,310	-0,002	0,010	0,064	FALSE
-0,033	0,314	-0,001	0,010	0,025	FALSE
-0,075	0,310	-0,002	0,008	0,083	FALSE
0,053	0,317	0,001	0,008	0,059	FALSE
-0,067	0,314	-0,002	0,008	0,113	FALSE
-0,022	0,304	-0,002	0,011	0,056	FALSE
-0,111	0,300	-0,004	0,008	0,185	FALSE
0,065	0,304	0,002	0,007	0,091	FALSE
0,068	0,306	0,002	0,011	0,085	FALSE
0,058	0,305	0,001	0,013	0,032	FALSE
0,073	0,299	0,002	0,011	0,067	FALSE
0,162	0,293	0,004	0,008	0,215	FALSE
0,032	0,305	0,001	0,012	0,016	FALSE
0,136	0,313	0,004	0,008	0,178	FALSE
-0,049	0,320	-0,002	0,007	0,092	FALSE
-0,090	0,302	-0,003	0,012	0,115	FALSE
0,019	0,312	0,001	0,012	0,045	FALSE
0,006	0,315	0,000	0,008	0,022	FALSE
0,057	0,304	0,001	0,010	0,050	FALSE
0,066	0,305	0,002	0,011	0,071	FALSE
0,078	0,298	0,002	0,008	0,100	FALSE
0,087	0,298	0,002	0,009	0,082	FALSE
0,119	0,316	0,003	0,007	0,154	FALSE
-0,020	0,308	-0,001	0,008	0,036	FALSE
-0,133	0,294	-0,004	0,008	0,192	FALSE
0,011	0,325	0,000	0,007	0,020	FALSE
-0,072	0,314	-0,002	0,007	0,111	FALSE
0,016	0,306	0,001	0,007	0,048	FALSE
0,016	0,304	0,000	0,007	0,001	FALSE

0,050	0,308	0,002	0,008	0,082	FALSE
-0,110	0,293	-0,005	0,011	0,184	FALSE
0,070	0,313	0,002	0,009	0,084	FALSE
0,065	0,312	0,002	0,009	0,090	FALSE
0,038	0,303	0,001	0,007	0,057	FALSE
-0,020	0,314	-0,001	0,009	0,029	FALSE
0,057	0,306	0,002	0,007	0,103	FALSE
-0,032	0,327	-0,001	0,007	0,043	FALSE
0,082	0,301	0,004	0,012	0,129	FALSE
-0,074	0,314	-0,002	0,008	0,084	FALSE
-0,112	0,322	-0,003	0,009	0,150	FALSE
0,047	0,299	0,000	0,006	0,029	FALSE
-0,024	0,310	-0,001	0,009	0,049	FALSE
0,117	0,302	0,003	0,007	0,192	FALSE
0,168	0,303	0,007	0,011	0,257	FALSE
0,084	0,297	0,002	0,010	0,097	FALSE
-0,117	0,312	-0,006	0,013	0,197	FALSE
0,003	0,319	0,000	0,006	0,008	FALSE
0,120	0,301	0,004	0,013	0,120	FALSE
-0,032	0,311	-0,001	0,013	0,040	FALSE
0,145	0,308	0,003	0,007	0,212	FALSE
-0,047	0,321	-0,001	0,007	0,059	FALSE
-0,061	0,316	-0,002	0,011	0,071	FALSE
0,049	0,306	0,001	0,011	0,029	FALSE
0,070	0,309	0,002	0,010	0,066	FALSE
-0,069	0,321	-0,002	0,007	0,098	FALSE
-0,077	0,296	-0,001	0,007	0,076	FALSE
0,071	0,315	0,002	0,010	0,075	FALSE
0,063	0,309	0,003	0,012	0,109	FALSE
-0,036	0,302	-0,003	0,013	0,086	FALSE
-0,058	0,296	-0,004	0,012	0,130	FALSE
0,019	0,306	0,002	0,012	0,048	FALSE
-0,028	0,315	0,000	0,007	0,006	FALSE
0,021	0,321	0,000	0,013	0,013	FALSE
0,073	0,302	0,002	0,011	0,083	FALSE
0,016	0,323	0,000	0,008	0,009	FALSE
-0,068	0,316	-0,001	0,007	0,071	FALSE
0,002	0,316	0,000	0,007	0,007	FALSE
-0,052	0,307	-0,001	0,007	0,040	FALSE
0,136	0,297	0,004	0,012	0,144	FALSE
-0,090	0,314	-0,002	0,007	0,086	FALSE
0,100	0,301	0,003	0,011	0,124	FALSE
-0,054	0,302	-0,002	0,008	0,107	FALSE
0,144	0,295	0,004	0,010	0,176	FALSE
0,075	0,304	0,002	0,006	0,097	FALSE
-0,022	0,320	0,000	0,008	0,007	FALSE
-0,072	0,309	-0,002	0,010	0,071	FALSE
-0,042	0,309	-0,002	0,009	0,079	FALSE
-0,002	0,311	0,000	0,010	0,012	FALSE
-0,147	0,285	-0,004	0,009	0,198	FALSE
-0,012	0,298	0,000	0,009	0,002	FALSE
-0,089	0,305	-0,002	0,008	0,109	FALSE
0,052	0,303	0,002	0,009	0,105	FALSE

-0,111	0,298	-0,002	0,006	0,118	FALSE
-0,104	0,308	-0,003	0,008	0,139	FALSE
0,054	0,310	0,001	0,008	0,070	FALSE
0,003	0,318	0,000	0,008	0,022	TRUE
-0,066	0,301	-0,001	0,006	0,084	FALSE
0,106	0,307	0,002	0,007	0,124	FALSE
0,070	0,300	0,002	0,007	0,086	FALSE
-0,095	0,312	-0,002	0,008	0,109	FALSE
-0,030	0,312	-0,002	0,010	0,078	FALSE
-0,004	0,302	-0,001	0,010	0,049	FALSE
0,178	0,307	0,004	0,008	0,244	FALSE
-0,019	0,312	0,000	0,008	0,014	FALSE
-0,010	0,298	0,000	0,011	0,012	FALSE
-0,102	0,297	-0,002	0,007	0,113	FALSE
-0,015	0,319	0,000	0,011	0,002	FALSE
-0,059	0,296	-0,001	0,008	0,051	FALSE
0,152	0,311	0,005	0,010	0,230	FALSE
-0,068	0,315	-0,002	0,009	0,072	FALSE
-0,035	0,306	0,000	0,007	0,020	FALSE
0,074	0,312	0,002	0,007	0,092	FALSE
-0,064	0,311	-0,001	0,007	0,072	FALSE
-0,045	0,309	-0,001	0,013	0,042	FALSE
0,082	0,318	0,004	0,012	0,114	FALSE
-0,054	0,324	-0,001	0,007	0,050	FALSE
-0,014	0,306	0,000	0,012	0,003	FALSE
-0,141	0,310	-0,005	0,012	0,181	FALSE
0,014	0,309	0,000	0,007	0,012	FALSE
0,057	0,315	0,002	0,010	0,061	FALSE
-0,152	0,301	-0,003	0,006	0,186	FALSE
0,105	0,299	0,003	0,006	0,159	FALSE
0,050	0,313	0,001	0,006	0,054	FALSE
0,131	0,296	0,006	0,012	0,194	FALSE
0,039	0,306	0,001	0,006	0,045	FALSE
0,037	0,306	0,001	0,008	0,028	FALSE
0,001	0,307	0,000	0,008	0,009	FALSE
0,111	0,299	0,005	0,011	0,178	FALSE
-0,088	0,297	-0,002	0,009	0,097	FALSE
0,060	0,303	0,002	0,012	0,077	FALSE
-0,008	0,301	0,000	0,008	0,011	FALSE
0,044	0,304	0,000	0,007	0,020	FALSE
0,041	0,313	0,001	0,007	0,047	FALSE
-0,046	0,319	-0,001	0,010	0,046	FALSE
0,020	0,310	0,000	0,008	0,013	FALSE
0,105	0,297	0,003	0,008	0,167	FALSE
-0,085	0,300	-0,003	0,010	0,104	FALSE
0,056	0,307	0,001	0,007	0,079	FALSE
0,022	0,307	0,001	0,009	0,023	FALSE
0,063	0,314	0,002	0,009	0,071	FALSE
-0,009	0,306	0,000	0,012	0,004	FALSE
0,013	0,307	0,000	0,010	0,009	FALSE
0,018	0,302	0,001	0,009	0,035	FALSE
-0,181	0,289	-0,007	0,011	0,260	FALSE
-0,041	0,290	-0,001	0,011	0,034	FALSE

0,004	0,316	0,000	0,008	0,011	FALSE
0,099	0,322	0,003	0,011	0,111	FALSE
0,015	0,320	0,001	0,007	0,029	FALSE
0,070	0,325	0,003	0,011	0,087	FALSE
-0,051	0,305	-0,001	0,006	0,052	FALSE
0,013	0,319	0,000	0,009	0,005	FALSE
-0,063	0,294	-0,002	0,010	0,098	FALSE
-0,025	0,310	-0,001	0,011	0,035	FALSE
-0,137	0,299	-0,004	0,008	0,186	FALSE
0,072	0,299	0,002	0,008	0,098	FALSE
0,090	0,307	0,002	0,008	0,120	FALSE
0,012	0,298	0,000	0,011	0,004	FALSE
0,029	0,297	0,000	0,012	0,009	FALSE
-0,025	0,303	-0,001	0,009	0,042	FALSE
-0,054	0,293	-0,002	0,008	0,085	FALSE
-0,073	0,317	-0,003	0,011	0,086	FALSE
-0,039	0,295	-0,002	0,012	0,063	FALSE
0,055	0,298	0,001	0,010	0,045	FALSE
-0,001	0,306	-0,001	0,009	0,033	FALSE
0,007	0,311	0,001	0,009	0,034	FALSE
0,043	0,305	0,001	0,008	0,024	FALSE
0,099	0,296	0,004	0,011	0,155	FALSE
-0,028	0,297	0,000	0,009	0,012	FALSE
0,064	0,307	0,002	0,010	0,089	FALSE
0,018	0,312	0,000	0,008	0,014	FALSE
0,002	0,304	0,000	0,010	0,008	FALSE
-0,123	0,304	-0,005	0,013	0,161	FALSE
0,119	0,312	0,003	0,007	0,153	FALSE
0,033	0,302	0,002	0,012	0,076	FALSE
-0,012	0,303	0,000	0,008	0,003	FALSE
-0,160	0,298	-0,005	0,010	0,225	FALSE
-0,048	0,323	-0,001	0,007	0,055	FALSE
0,035	0,308	0,002	0,013	0,047	FALSE
0,014	0,312	0,000	0,007	0,019	FALSE
-0,018	0,312	0,000	0,010	0,013	FALSE
-0,023	0,305	0,000	0,008	0,016	FALSE
0,081	0,319	0,003	0,012	0,095	FALSE
0,044	0,318	0,001	0,007	0,050	FALSE
-0,127	0,328	-0,003	0,008	0,141	FALSE
0,032	0,295	0,000	0,006	0,011	FALSE
0,036	0,303	0,000	0,007	0,020	FALSE
0,015	0,306	0,000	0,010	0,009	FALSE
-0,010	0,303	-0,001	0,012	0,025	FALSE
0,045	0,324	0,002	0,008	0,066	FALSE
0,010	0,297	0,001	0,009	0,025	FALSE
0,005	0,308	0,000	0,011	0,004	FALSE
0,017	0,319	0,000	0,013	0,004	FALSE
-0,098	0,300	-0,003	0,010	0,129	FALSE
-0,027	0,311	-0,001	0,010	0,035	FALSE
-0,015	0,299	0,000	0,008	0,022	FALSE
-0,122	0,303	-0,003	0,006	0,181	FALSE
0,070	0,308	0,002	0,007	0,085	FALSE
0,109	0,313	0,003	0,007	0,148	FALSE

0,016	0,306	0,001	0,010	0,033	FALSE
-0,013	0,309	0,000	0,010	0,013	FALSE
-0,002	0,292	0,001	0,012	0,034	FALSE
-0,027	0,302	0,000	0,013	0,006	FALSE
-0,003	0,305	0,001	0,013	0,027	FALSE
0,100	0,304	0,004	0,012	0,134	FALSE
-0,054	0,314	-0,002	0,008	0,083	FALSE
-0,062	0,305	-0,001	0,007	0,059	FALSE
0,039	0,312	0,000	0,010	0,013	FALSE
0,039	0,313	0,000	0,007	0,007	FALSE
0,048	0,313	0,002	0,011	0,075	FALSE
0,128	0,302	0,004	0,011	0,135	FALSE
0,147	0,296	0,005	0,011	0,188	FALSE
0,113	0,293	0,003	0,009	0,139	FALSE
0,129	0,299	0,004	0,009	0,164	FALSE
0,142	0,307	0,005	0,011	0,169	FALSE
0,089	0,308	0,002	0,012	0,078	FALSE
-0,046	0,308	-0,001	0,007	0,044	FALSE
-0,175	0,303	-0,004	0,009	0,224	FALSE
0,193	0,305	0,006	0,010	0,278	FALSE
-0,059	0,329	-0,002	0,007	0,084	FALSE
-0,086	0,316	-0,002	0,008	0,110	FALSE
-0,072	0,304	-0,002	0,009	0,097	FALSE
0,059	0,295	0,002	0,007	0,097	FALSE
-0,013	0,323	0,000	0,012	0,003	FALSE
0,068	0,308	0,002	0,009	0,086	FALSE
0,119	0,313	0,005	0,011	0,177	FALSE
0,072	0,308	0,002	0,007	0,099	FALSE
-0,048	0,308	-0,001	0,010	0,037	FALSE
-0,117	0,317	-0,006	0,013	0,186	FALSE
-0,119	0,306	-0,005	0,012	0,179	FALSE
-0,066	0,305	-0,003	0,012	0,103	FALSE
-0,068	0,306	-0,003	0,008	0,127	FALSE
-0,071	0,314	-0,003	0,010	0,095	FALSE
-0,107	0,305	-0,003	0,008	0,139	FALSE
-0,039	0,329	-0,001	0,007	0,043	FALSE
-0,100	0,304	-0,003	0,012	0,105	FALSE
0,046	0,303	0,002	0,008	0,075	FALSE
-0,009	0,302	0,000	0,012	0,000	FALSE
-0,066	0,304	-0,002	0,009	0,085	FALSE
0,009	0,304	0,000	0,008	0,018	FALSE
-0,036	0,313	-0,001	0,007	0,057	FALSE
0,141	0,309	0,003	0,006	0,206	FALSE
0,027	0,302	0,001	0,011	0,017	FALSE
-0,052	0,288	-0,002	0,012	0,071	FALSE
0,033	0,295	0,001	0,007	0,041	FALSE
0,046	0,316	0,002	0,012	0,053	FALSE
0,044	0,288	0,001	0,010	0,026	FALSE
-0,049	0,319	-0,001	0,009	0,033	FALSE
0,089	0,328	0,002	0,007	0,120	FALSE
0,079	0,314	0,002	0,008	0,117	FALSE
0,051	0,301	0,002	0,007	0,094	FALSE
0,000	0,317	0,000	0,007	0,012	FALSE

0,046	0,313	0,001	0,008	0,068	FALSE
0,003	0,293	0,001	0,007	0,025	FALSE
-0,013	0,294	0,000	0,011	0,013	FALSE
-0,025	0,313	-0,001	0,010	0,022	FALSE
0,034	0,321	0,001	0,008	0,025	FALSE
0,072	0,294	0,001	0,009	0,052	FALSE
-0,025	0,312	-0,001	0,006	0,041	FALSE
-0,032	0,311	-0,002	0,011	0,058	FALSE
-0,043	0,303	-0,002	0,012	0,051	FALSE
0,192	0,308	0,004	0,007	0,260	FALSE
0,011	0,299	0,001	0,009	0,038	FALSE
0,028	0,300	0,001	0,007	0,053	FALSE
-0,058	0,308	-0,001	0,007	0,065	FALSE
-0,030	0,308	-0,001	0,007	0,055	FALSE
0,006	0,296	0,000	0,010	0,009	FALSE
0,016	0,308	0,001	0,011	0,021	FALSE
0,071	0,313	0,002	0,007	0,100	FALSE
0,073	0,304	0,001	0,006	0,093	FALSE
-0,071	0,291	-0,002	0,013	0,070	FALSE
-0,119	0,304	-0,003	0,007	0,146	FALSE
0,054	0,298	0,002	0,012	0,058	FALSE
-0,011	0,314	0,000	0,013	0,006	FALSE
-0,039	0,307	-0,001	0,008	0,041	FALSE
0,089	0,308	0,002	0,006	0,108	FALSE
0,093	0,298	0,002	0,008	0,104	FALSE
0,128	0,287	0,003	0,007	0,160	FALSE
-0,075	0,300	-0,003	0,011	0,092	FALSE
0,099	0,309	0,002	0,007	0,084	FALSE
0,036	0,317	0,001	0,012	0,032	FALSE
0,009	0,308	0,001	0,008	0,024	FALSE
0,032	0,292	0,000	0,007	0,026	FALSE
0,002	0,314	0,000	0,010	0,009	FALSE
-0,080	0,306	-0,002	0,007	0,108	FALSE
-0,114	0,298	-0,003	0,009	0,161	FALSE
-0,001	0,307	0,000	0,007	0,025	FALSE
-0,077	0,311	-0,003	0,010	0,110	FALSE
-0,001	0,318	0,000	0,010	0,006	FALSE
-0,038	0,304	-0,001	0,007	0,073	FALSE
0,000	0,289	0,000	0,007	0,023	FALSE
-0,023	0,300	-0,002	0,012	0,046	FALSE
0,055	0,309	0,001	0,006	0,075	FALSE
0,031	0,305	0,001	0,006	0,033	FALSE
0,041	0,309	0,002	0,008	0,078	FALSE
0,068	0,299	0,001	0,006	0,068	FALSE
0,155	0,298	0,006	0,010	0,244	FALSE
-0,049	0,301	-0,001	0,007	0,050	FALSE
0,026	0,309	0,000	0,012	0,013	FALSE
0,051	0,305	0,003	0,012	0,083	FALSE
-0,005	0,303	0,000	0,010	0,014	FALSE
0,030	0,305	0,001	0,007	0,052	FALSE
-0,020	0,305	-0,001	0,010	0,041	FALSE
-0,030	0,321	-0,001	0,012	0,030	FALSE
0,019	0,306	0,000	0,008	0,021	FALSE

0,033	0,310	0,001	0,013	0,027	FALSE
-0,001	0,306	0,000	0,012	0,002	FALSE
0,032	0,311	0,001	0,011	0,034	FALSE
-0,109	0,307	-0,003	0,008	0,176	FALSE
-0,067	0,314	-0,003	0,010	0,101	FALSE
0,096	0,305	0,003	0,008	0,135	FALSE
-0,108	0,308	-0,004	0,010	0,182	FALSE
-0,100	0,319	-0,003	0,009	0,138	FALSE
-0,090	0,305	-0,002	0,008	0,109	FALSE
0,004	0,307	0,000	0,009	0,008	FALSE
0,025	0,297	0,001	0,009	0,039	FALSE
-0,060	0,305	-0,002	0,011	0,052	FALSE
-0,075	0,320	-0,003	0,013	0,105	FALSE
0,057	0,309	0,002	0,007	0,105	FALSE
0,116	0,305	0,005	0,013	0,153	FALSE
0,069	0,300	0,002	0,008	0,092	FALSE
0,106	0,296	0,003	0,008	0,168	FALSE
0,098	0,314	0,002	0,007	0,134	FALSE
-0,030	0,296	-0,001	0,011	0,030	FALSE
-0,015	0,297	-0,001	0,012	0,021	FALSE
-0,022	0,299	-0,001	0,012	0,034	FALSE
-0,010	0,301	-0,001	0,012	0,015	FALSE
-0,010	0,305	0,000	0,006	0,021	FALSE
-0,115	0,311	-0,003	0,009	0,159	FALSE
0,068	0,307	0,002	0,013	0,057	FALSE
-0,005	0,299	0,000	0,012	0,008	FALSE
0,029	0,307	0,001	0,012	0,029	FALSE
-0,035	0,310	0,000	0,006	0,027	FALSE
0,000	0,307	0,000	0,011	0,015	FALSE
0,093	0,321	0,002	0,008	0,103	FALSE
-0,093	0,313	-0,003	0,011	0,106	FALSE
0,071	0,308	0,002	0,011	0,074	FALSE
-0,062	0,305	-0,002	0,010	0,092	FALSE
-0,051	0,316	-0,002	0,011	0,069	FALSE
0,042	0,316	0,002	0,011	0,055	FALSE
0,124	0,307	0,004	0,010	0,185	FALSE
-0,118	0,298	-0,004	0,012	0,140	FALSE
-0,151	0,294	-0,004	0,009	0,162	FALSE
-0,027	0,306	0,000	0,013	0,004	FALSE
0,004	0,295	0,001	0,013	0,042	FALSE
-0,139	0,299	-0,007	0,012	0,259	FALSE
-0,121	0,306	-0,003	0,008	0,148	FALSE
-0,141	0,310	-0,005	0,011	0,204	FALSE
-0,064	0,314	-0,001	0,008	0,056	FALSE
0,045	0,321	0,002	0,009	0,078	FALSE
0,133	0,306	0,004	0,008	0,193	FALSE
0,010	0,308	-0,001	0,012	0,018	FALSE
-0,014	0,291	0,000	0,011	0,009	FALSE
0,018	0,317	0,001	0,007	0,041	FALSE
-0,083	0,300	-0,005	0,013	0,158	FALSE
0,067	0,302	0,002	0,011	0,057	FALSE
-0,009	0,309	0,000	0,008	0,012	FALSE
0,057	0,311	0,003	0,012	0,088	FALSE

0,023	0,305	0,001	0,013	0,041	FALSE
0,061	0,298	0,002	0,011	0,053	FALSE
0,080	0,300	0,002	0,012	0,072	FALSE
0,003	0,316	0,000	0,006	0,025	FALSE
0,105	0,307	0,003	0,012	0,091	FALSE
-0,104	0,313	-0,003	0,010	0,134	FALSE
-0,122	0,297	-0,004	0,012	0,140	FALSE
0,105	0,310	0,002	0,006	0,125	FALSE
0,032	0,300	0,001	0,012	0,016	FALSE
0,076	0,315	0,002	0,010	0,088	FALSE
0,037	0,303	0,001	0,013	0,031	FALSE
0,020	0,305	0,000	0,012	0,003	FALSE
0,044	0,317	0,001	0,008	0,071	FALSE
0,080	0,288	0,001	0,007	0,079	FALSE
0,095	0,310	0,002	0,007	0,133	FALSE
0,096	0,305	0,002	0,007	0,107	FALSE
-0,074	0,319	-0,002	0,009	0,072	FALSE
-0,102	0,322	-0,001	0,007	0,083	FALSE
0,127	0,308	0,003	0,008	0,174	FALSE
0,026	0,307	0,001	0,007	0,051	FALSE
-0,054	0,300	-0,002	0,011	0,083	FALSE
-0,030	0,320	0,000	0,007	0,014	FALSE
0,046	0,296	0,001	0,006	0,046	FALSE
-0,015	0,308	-0,001	0,012	0,019	FALSE
0,138	0,316	0,004	0,009	0,204	FALSE
-0,076	0,315	-0,003	0,010	0,129	FALSE
-0,051	0,303	-0,002	0,011	0,058	FALSE
-0,046	0,303	-0,001	0,007	0,057	FALSE
-0,114	0,304	-0,004	0,009	0,186	FALSE
0,044	0,319	0,002	0,009	0,063	FALSE
0,196	0,302	0,005	0,007	0,308	FALSE
-0,059	0,320	-0,002	0,012	0,073	FALSE
-0,115	0,293	-0,006	0,012	0,192	FALSE
-0,142	0,305	-0,004	0,010	0,171	FALSE
-0,179	0,295	-0,005	0,010	0,239	FALSE
-0,011	0,301	0,000	0,012	0,006	FALSE
-0,033	0,314	-0,002	0,012	0,045	FALSE
0,004	0,311	0,000	0,008	0,000	FALSE
0,058	0,317	0,001	0,007	0,077	FALSE
0,073	0,296	0,003	0,009	0,108	FALSE
-0,042	0,299	-0,001	0,008	0,060	FALSE
0,009	0,306	0,000	0,008	0,009	FALSE
0,088	0,312	0,003	0,009	0,122	FALSE
-0,139	0,302	-0,006	0,012	0,206	FALSE
0,046	0,309	0,002	0,013	0,070	FALSE
-0,094	0,302	-0,002	0,008	0,114	FALSE
-0,061	0,299	-0,002	0,008	0,094	FALSE
0,030	0,300	0,001	0,008	0,062	FALSE
-0,062	0,305	-0,002	0,012	0,073	FALSE
-0,095	0,310	-0,004	0,012	0,132	FALSE
-0,062	0,315	-0,002	0,007	0,086	FALSE
-0,074	0,311	-0,003	0,010	0,106	FALSE
-0,103	0,297	-0,003	0,008	0,165	FALSE

-0,143	0,305	-0,005	0,008	0,229	FALSE
-0,060	0,297	-0,001	0,010	0,043	FALSE
0,204	0,288	0,009	0,012	0,326	FALSE
0,002	0,309	0,000	0,009	0,016	FALSE
-0,067	0,300	-0,001	0,006	0,050	FALSE
0,104	0,316	0,004	0,011	0,145	FALSE
-0,085	0,327	-0,002	0,008	0,092	FALSE
0,003	0,307	0,000	0,007	0,000	FALSE
0,039	0,324	0,002	0,011	0,064	FALSE
0,050	0,310	0,002	0,010	0,063	FALSE
-0,046	0,311	-0,001	0,007	0,028	FALSE
0,039	0,305	0,002	0,010	0,078	FALSE
-0,039	0,320	-0,001	0,008	0,049	FALSE
0,126	0,304	0,003	0,007	0,154	FALSE
0,006	0,314	0,001	0,010	0,031	FALSE
0,005	0,312	0,001	0,010	0,019	FALSE
0,057	0,314	0,003	0,013	0,092	FALSE
0,074	0,299	0,004	0,012	0,146	FALSE
-0,146	0,313	-0,005	0,011	0,201	FALSE
-0,007	0,314	0,000	0,007	0,009	FALSE
0,056	0,315	0,002	0,012	0,072	FALSE
-0,023	0,299	-0,001	0,011	0,026	FALSE
0,049	0,308	0,002	0,012	0,075	FALSE
0,013	0,305	0,001	0,006	0,032	FALSE
0,010	0,309	0,001	0,011	0,016	FALSE
-0,010	0,308	0,000	0,007	0,021	FALSE
0,033	0,309	0,001	0,012	0,033	FALSE
0,048	0,315	0,002	0,012	0,053	FALSE
0,033	0,295	0,002	0,012	0,072	FALSE
-0,140	0,304	-0,005	0,012	0,165	FALSE
-0,172	0,305	-0,006	0,012	0,234	FALSE
-0,108	0,305	-0,005	0,013	0,166	FALSE
0,050	0,303	0,003	0,012	0,090	FALSE
0,121	0,291	0,002	0,006	0,151	FALSE
-0,038	0,314	-0,001	0,008	0,028	FALSE
-0,033	0,306	-0,001	0,009	0,028	FALSE
-0,011	0,319	0,000	0,006	0,010	FALSE
-0,022	0,303	-0,001	0,009	0,045	FALSE
0,047	0,303	0,002	0,012	0,053	FALSE
-0,170	0,311	-0,004	0,007	0,235	FALSE
-0,011	0,306	0,000	0,006	0,019	FALSE
-0,160	0,308	-0,003	0,006	0,210	FALSE
-0,067	0,303	-0,001	0,006	0,073	FALSE
-0,164	0,297	-0,006	0,012	0,208	FALSE
0,009	0,310	0,001	0,008	0,031	FALSE
0,025	0,306	0,001	0,012	0,028	FALSE
0,061	0,314	0,002	0,013	0,069	FALSE
0,058	0,310	0,001	0,009	0,062	FALSE
0,032	0,307	0,001	0,010	0,032	FALSE
-0,026	0,319	-0,001	0,013	0,019	FALSE
0,195	0,307	0,005	0,008	0,258	FALSE
0,139	0,307	0,004	0,009	0,175	FALSE
0,057	0,305	0,002	0,010	0,079	FALSE

0,008	0,306	0,001	0,009	0,026	FALSE
-0,044	0,316	-0,002	0,009	0,063	FALSE
-0,058	0,310	-0,002	0,011	0,063	FALSE
-0,093	0,309	-0,002	0,008	0,109	FALSE
0,159	0,314	0,004	0,009	0,207	FALSE
-0,038	0,304	-0,001	0,012	0,029	FALSE
0,093	0,310	0,003	0,010	0,128	FALSE
-0,015	0,313	0,000	0,009	0,011	FALSE
-0,068	0,311	-0,002	0,009	0,063	FALSE
-0,015	0,309	-0,001	0,008	0,028	FALSE
-0,022	0,301	-0,001	0,012	0,040	FALSE
-0,064	0,310	-0,001	0,006	0,083	FALSE
-0,034	0,304	-0,001	0,012	0,030	FALSE
-0,106	0,295	-0,006	0,013	0,182	FALSE
-0,084	0,313	-0,002	0,007	0,104	FALSE
-0,136	0,295	-0,004	0,009	0,151	FALSE
-0,001	0,311	0,001	0,009	0,023	FALSE
0,024	0,314	0,000	0,013	0,012	FALSE
-0,067	0,311	-0,001	0,009	0,063	FALSE
-0,067	0,294	-0,001	0,009	0,055	FALSE
-0,053	0,313	-0,001	0,009	0,037	FALSE
-0,015	0,306	-0,001	0,011	0,019	FALSE
-0,066	0,310	-0,002	0,007	0,088	FALSE
0,026	0,300	0,001	0,011	0,025	FALSE
-0,016	0,307	-0,001	0,013	0,038	FALSE
0,032	0,316	0,000	0,008	0,014	FALSE
0,033	0,305	0,000	0,008	0,006	FALSE
0,063	0,306	0,001	0,006	0,073	FALSE
0,046	0,301	0,002	0,008	0,071	FALSE
0,016	0,303	0,001	0,011	0,044	FALSE
0,191	0,300	0,005	0,008	0,282	FALSE
0,066	0,305	0,002	0,008	0,075	FALSE
-0,102	0,310	-0,002	0,007	0,133	FALSE
0,037	0,302	0,001	0,006	0,051	FALSE
0,009	0,304	0,000	0,007	0,007	FALSE
0,039	0,303	0,001	0,008	0,048	FALSE
0,026	0,313	0,001	0,007	0,028	FALSE
-0,012	0,315	0,000	0,008	0,013	FALSE
0,024	0,313	0,001	0,010	0,039	FALSE
0,041	0,303	0,001	0,006	0,070	FALSE
0,084	0,295	0,003	0,009	0,117	FALSE
0,141	0,302	0,005	0,010	0,193	FALSE
-0,020	0,308	-0,001	0,008	0,051	FALSE
-0,032	0,321	-0,001	0,008	0,055	FALSE
-0,030	0,304	-0,001	0,009	0,054	FALSE
-0,033	0,305	-0,002	0,008	0,071	FALSE
0,065	0,310	0,003	0,012	0,079	FALSE
0,105	0,304	0,004	0,009	0,168	FALSE
0,040	0,316	0,002	0,012	0,046	FALSE
-0,073	0,303	-0,002	0,011	0,072	FALSE
-0,064	0,300	-0,002	0,011	0,080	FALSE
0,111	0,319	0,004	0,013	0,111	FALSE
0,052	0,319	0,001	0,012	0,044	FALSE

-0,020	0,302	-0,001	0,012	0,016	FALSE
0,066	0,299	0,002	0,007	0,078	FALSE
-0,075	0,310	-0,002	0,008	0,118	FALSE
0,127	0,301	0,002	0,007	0,136	FALSE
-0,060	0,287	-0,002	0,007	0,094	FALSE
0,010	0,303	0,000	0,006	0,011	FALSE
0,008	0,308	0,001	0,012	0,015	FALSE
0,070	0,306	0,002	0,007	0,091	FALSE
-0,069	0,295	-0,003	0,011	0,094	FALSE
-0,134	0,310	-0,006	0,013	0,196	FALSE
-0,117	0,315	-0,003	0,007	0,158	FALSE
-0,157	0,314	-0,003	0,007	0,194	FALSE
-0,133	0,305	-0,004	0,009	0,193	FALSE
0,020	0,298	0,001	0,011	0,029	FALSE
0,036	0,303	0,002	0,011	0,051	FALSE
-0,005	0,300	-0,002	0,012	0,068	FALSE
0,041	0,311	0,003	0,012	0,080	FALSE
0,007	0,304	0,000	0,007	0,002	FALSE
-0,078	0,310	-0,003	0,011	0,100	FALSE
-0,060	0,311	-0,003	0,012	0,084	FALSE
-0,089	0,301	-0,002	0,008	0,103	FALSE
-0,037	0,311	-0,001	0,009	0,055	FALSE
0,028	0,305	0,000	0,007	0,019	FALSE
0,175	0,317	0,005	0,009	0,242	FALSE
0,002	0,317	0,001	0,011	0,045	FALSE
-0,067	0,316	-0,003	0,010	0,108	FALSE
0,031	0,292	0,001	0,007	0,058	FALSE
-0,173	0,286	-0,008	0,012	0,290	FALSE
-0,130	0,314	-0,003	0,009	0,144	FALSE
-0,055	0,298	-0,003	0,011	0,090	FALSE
-0,018	0,312	-0,001	0,012	0,018	FALSE
0,080	0,310	0,002	0,007	0,107	FALSE
0,064	0,300	0,003	0,012	0,091	FALSE
0,087	0,300	0,003	0,008	0,141	FALSE
0,038	0,303	0,001	0,012	0,022	FALSE
-0,048	0,286	-0,001	0,010	0,054	FALSE
0,105	0,300	0,004	0,010	0,160	FALSE
-0,013	0,291	0,000	0,009	0,004	FALSE
0,099	0,284	0,004	0,011	0,160	FALSE
0,071	0,311	0,001	0,007	0,067	FALSE
0,020	0,302	0,002	0,009	0,064	FALSE
0,031	0,314	0,000	0,007	0,023	FALSE
0,048	0,316	0,001	0,006	0,033	FALSE
0,067	0,308	0,003	0,009	0,118	FALSE
0,110	0,316	0,004	0,009	0,186	FALSE
-0,097	0,305	-0,003	0,011	0,099	FALSE
0,059	0,299	0,001	0,007	0,051	FALSE
0,106	0,315	0,004	0,010	0,150	FALSE
-0,178	0,290	-0,007	0,012	0,257	FALSE
0,105	0,300	0,005	0,011	0,162	FALSE
0,051	0,307	0,002	0,012	0,070	FALSE
0,049	0,303	0,002	0,012	0,051	FALSE
0,046	0,294	0,001	0,009	0,035	FALSE

0,031	0,313	0,001	0,007	0,037	FALSE
0,054	0,311	0,002	0,013	0,068	FALSE
-0,045	0,325	-0,001	0,009	0,048	FALSE
0,119	0,316	0,003	0,008	0,141	FALSE
-0,112	0,296	-0,003	0,007	0,148	FALSE
-0,028	0,314	-0,002	0,013	0,047	FALSE
0,022	0,314	0,002	0,010	0,056	FALSE
-0,151	0,312	-0,004	0,008	0,209	FALSE
-0,098	0,303	-0,003	0,010	0,103	FALSE
0,007	0,321	0,000	0,013	0,004	FALSE
-0,008	0,299	-0,001	0,010	0,032	FALSE
0,067	0,298	0,001	0,006	0,081	FALSE
-0,007	0,318	-0,001	0,012	0,020	FALSE
-0,005	0,304	-0,001	0,010	0,043	FALSE
0,023	0,312	0,001	0,008	0,024	FALSE
0,018	0,296	0,000	0,012	0,008	FALSE
-0,023	0,299	-0,001	0,010	0,023	FALSE
0,094	0,296	0,002	0,006	0,160	FALSE
0,079	0,311	0,002	0,007	0,087	FALSE
0,034	0,293	0,001	0,007	0,061	FALSE
-0,074	0,281	-0,003	0,008	0,129	FALSE
-0,018	0,311	0,000	0,011	0,005	FALSE
-0,061	0,305	-0,002	0,007	0,092	FALSE
-0,060	0,316	-0,003	0,012	0,091	FALSE
-0,016	0,307	-0,001	0,009	0,030	FALSE
0,120	0,298	0,003	0,007	0,145	FALSE
0,148	0,299	0,004	0,008	0,206	FALSE
-0,056	0,317	-0,002	0,007	0,084	FALSE
-0,099	0,301	-0,005	0,013	0,151	FALSE
0,100	0,310	0,002	0,006	0,107	FALSE
-0,077	0,320	-0,004	0,013	0,117	FALSE
0,062	0,315	0,002	0,009	0,099	FALSE
-0,091	0,298	-0,003	0,012	0,105	FALSE
0,063	0,310	0,002	0,012	0,068	FALSE
-0,081	0,315	-0,003	0,011	0,102	FALSE
0,031	0,308	0,001	0,007	0,062	FALSE
-0,042	0,293	-0,001	0,011	0,039	FALSE
0,002	0,312	-0,001	0,012	0,018	FALSE
-0,107	0,300	-0,003	0,010	0,114	FALSE
-0,068	0,300	-0,003	0,012	0,113	FALSE
-0,038	0,316	-0,002	0,013	0,064	FALSE
-0,075	0,307	-0,002	0,010	0,082	FALSE
0,047	0,298	0,002	0,012	0,061	FALSE
-0,014	0,316	-0,001	0,012	0,027	FALSE
0,005	0,307	0,000	0,013	0,009	FALSE
0,022	0,308	0,001	0,013	0,032	FALSE
-0,097	0,302	-0,004	0,012	0,148	FALSE
-0,040	0,303	-0,001	0,008	0,062	FALSE
0,156	0,305	0,005	0,010	0,203	FALSE
0,173	0,296	0,005	0,009	0,234	FALSE
0,090	0,309	0,004	0,012	0,124	FALSE
0,069	0,302	0,003	0,010	0,104	FALSE
-0,105	0,305	-0,003	0,011	0,116	FALSE

-0,071	0,301	-0,002	0,010	0,068	FALSE
0,034	0,313	0,001	0,013	0,022	FALSE
-0,007	0,309	-0,001	0,013	0,031	FALSE
0,000	0,313	0,000	0,007	0,010	FALSE
0,059	0,316	0,002	0,010	0,087	FALSE
-0,042	0,312	-0,001	0,013	0,037	FALSE
0,093	0,312	0,003	0,012	0,112	FALSE
0,001	0,318	0,000	0,012	0,004	FALSE
-0,042	0,297	-0,001	0,010	0,038	FALSE
-0,102	0,300	-0,003	0,009	0,145	FALSE
-0,125	0,305	-0,004	0,009	0,164	FALSE
0,083	0,304	0,002	0,008	0,099	FALSE
0,107	0,296	0,002	0,008	0,094	FALSE
0,101	0,292	0,004	0,010	0,188	FALSE
0,029	0,308	0,001	0,008	0,045	FALSE
-0,157	0,302	-0,005	0,008	0,246	FALSE
-0,024	0,314	-0,001	0,009	0,035	FALSE
-0,151	0,305	-0,005	0,009	0,212	FALSE
0,038	0,315	0,001	0,009	0,060	FALSE
-0,005	0,306	-0,001	0,009	0,031	FALSE
-0,008	0,300	0,000	0,012	0,007	FALSE
-0,014	0,303	0,000	0,010	0,002	FALSE
-0,013	0,300	-0,001	0,009	0,041	FALSE
0,053	0,295	0,001	0,012	0,039	FALSE
-0,027	0,305	0,000	0,006	0,018	FALSE
0,001	0,300	0,001	0,012	0,042	FALSE
-0,100	0,305	-0,004	0,010	0,160	FALSE
0,008	0,316	0,000	0,008	0,001	FALSE
-0,075	0,313	-0,003	0,012	0,085	FALSE
0,031	0,317	0,001	0,008	0,039	FALSE
-0,030	0,307	-0,001	0,008	0,047	FALSE
-0,035	0,313	0,000	0,007	0,005	FALSE
-0,020	0,308	0,000	0,012	0,004	FALSE
0,135	0,320	0,003	0,008	0,173	FALSE
0,026	0,318	0,001	0,011	0,032	FALSE
0,113	0,301	0,002	0,008	0,116	FALSE
-0,030	0,303	0,000	0,007	0,009	FALSE
-0,079	0,300	-0,002	0,007	0,090	FALSE
-0,017	0,297	-0,001	0,012	0,015	FALSE
-0,096	0,313	-0,003	0,008	0,136	FALSE
-0,026	0,311	-0,002	0,010	0,059	FALSE
-0,028	0,310	0,000	0,008	0,012	FALSE
0,021	0,309	0,000	0,006	0,019	FALSE
-0,020	0,300	-0,001	0,011	0,035	FALSE
0,000	0,308	0,000	0,012	0,015	FALSE
0,074	0,301	0,002	0,009	0,105	FALSE
-0,044	0,303	-0,002	0,013	0,057	FALSE
0,063	0,300	0,002	0,008	0,090	FALSE
0,091	0,301	0,003	0,011	0,126	FALSE
-0,022	0,312	-0,001	0,008	0,034	FALSE
-0,017	0,307	-0,001	0,013	0,018	FALSE
-0,004	0,315	0,000	0,010	0,004	FALSE
0,137	0,300	0,005	0,011	0,168	FALSE

-0,017	0,317	-0,001	0,011	0,018	FALSE
0,018	0,319	0,001	0,012	0,024	FALSE
0,018	0,312	0,001	0,012	0,018	FALSE
0,069	0,308	0,003	0,012	0,078	FALSE
-0,024	0,308	-0,001	0,011	0,035	FALSE
0,008	0,301	0,000	0,009	0,010	FALSE
0,074	0,319	0,002	0,009	0,076	FALSE
-0,061	0,319	-0,003	0,012	0,081	FALSE
-0,032	0,312	-0,001	0,010	0,024	FALSE
0,146	0,295	0,006	0,012	0,237	FALSE
0,089	0,306	0,003	0,010	0,108	FALSE
-0,103	0,306	-0,005	0,012	0,156	FALSE
0,090	0,298	0,002	0,006	0,099	FALSE
-0,006	0,308	0,000	0,006	0,000	FALSE
0,203	0,298	0,009	0,013	0,294	FALSE
0,018	0,306	0,001	0,007	0,034	FALSE
-0,109	0,302	-0,002	0,007	0,122	FALSE
-0,054	0,293	-0,002	0,012	0,071	FALSE
0,121	0,316	0,006	0,013	0,183	FALSE
-0,047	0,310	-0,001	0,009	0,056	FALSE
0,121	0,308	0,003	0,007	0,144	FALSE
0,011	0,316	0,000	0,009	0,001	FALSE
0,030	0,315	0,001	0,007	0,032	FALSE
-0,030	0,307	0,000	0,009	0,014	FALSE
0,003	0,313	0,000	0,009	0,010	FALSE
-0,070	0,316	-0,003	0,012	0,092	FALSE
-0,024	0,298	0,000	0,009	0,012	FALSE
-0,019	0,310	-0,002	0,013	0,060	FALSE
0,060	0,307	0,002	0,007	0,105	FALSE
-0,066	0,322	-0,002	0,007	0,094	FALSE
0,030	0,301	0,001	0,008	0,065	FALSE
0,041	0,300	0,000	0,007	0,025	FALSE
0,031	0,307	0,000	0,007	0,007	FALSE
0,026	0,308	0,001	0,008	0,070	FALSE
-0,003	0,313	-0,001	0,012	0,015	FALSE
-0,068	0,322	-0,002	0,010	0,088	FALSE
-0,038	0,318	-0,001	0,009	0,061	FALSE
0,038	0,305	0,001	0,012	0,035	FALSE
0,038	0,306	0,000	0,012	0,002	FALSE
-0,086	0,299	-0,005	0,012	0,161	FALSE
0,046	0,304	0,002	0,009	0,085	FALSE
-0,026	0,311	-0,001	0,013	0,033	FALSE
-0,049	0,323	-0,002	0,012	0,046	FALSE
0,086	0,301	0,003	0,010	0,096	FALSE
-0,031	0,308	-0,001	0,011	0,030	FALSE
0,026	0,300	0,002	0,009	0,071	FALSE
0,035	0,308	0,001	0,007	0,055	FALSE
-0,026	0,308	0,000	0,007	0,023	FALSE
0,117	0,310	0,003	0,007	0,156	FALSE
0,081	0,302	0,002	0,007	0,119	FALSE
0,043	0,301	0,002	0,013	0,069	FALSE
0,028	0,311	0,002	0,012	0,049	FALSE
0,070	0,311	0,003	0,012	0,106	FALSE

0,073	0,305	0,004	0,011	0,120	FALSE
-0,019	0,309	-0,001	0,007	0,030	FALSE
0,063	0,319	0,002	0,007	0,089	FALSE
-0,046	0,308	-0,002	0,009	0,071	FALSE
-0,105	0,296	-0,003	0,007	0,140	FALSE
0,008	0,311	0,001	0,013	0,028	FALSE
-0,026	0,309	0,000	0,010	0,005	FALSE
0,019	0,309	0,000	0,008	0,005	FALSE
0,154	0,296	0,004	0,008	0,231	FALSE
-0,030	0,318	0,000	0,010	0,010	FALSE
0,036	0,310	0,001	0,013	0,037	FALSE
-0,017	0,303	0,000	0,007	0,020	FALSE
0,001	0,288	0,002	0,011	0,056	FALSE
0,024	0,310	0,001	0,006	0,029	FALSE
0,032	0,309	0,001	0,008	0,033	FALSE
0,018	0,308	0,001	0,007	0,055	FALSE
0,043	0,313	0,002	0,009	0,087	FALSE
-0,006	0,310	0,000	0,010	0,005	FALSE
0,073	0,311	0,002	0,010	0,095	FALSE
0,075	0,311	0,004	0,013	0,109	FALSE
0,115	0,303	0,003	0,009	0,136	FALSE
0,101	0,312	0,002	0,007	0,141	FALSE
0,063	0,313	0,002	0,008	0,069	FALSE
0,092	0,304	0,003	0,010	0,135	FALSE
0,060	0,307	0,003	0,010	0,101	FALSE
0,008	0,313	-0,001	0,012	0,029	FALSE
-0,102	0,304	-0,003	0,009	0,124	FALSE
-0,066	0,302	-0,001	0,009	0,058	FALSE
0,056	0,299	0,001	0,007	0,075	FALSE
0,065	0,306	0,002	0,007	0,088	FALSE
-0,026	0,302	-0,001	0,006	0,056	FALSE
0,086	0,308	0,002	0,008	0,104	FALSE
-0,066	0,310	-0,003	0,010	0,095	FALSE
-0,031	0,303	-0,001	0,008	0,044	FALSE
0,129	0,307	0,005	0,013	0,166	FALSE
0,028	0,297	0,000	0,011	0,009	FALSE
-0,001	0,332	0,000	0,009	0,011	FALSE
0,076	0,302	0,003	0,012	0,088	FALSE
-0,117	0,307	-0,004	0,011	0,139	FALSE
-0,105	0,310	-0,003	0,007	0,154	FALSE
-0,110	0,316	-0,003	0,009	0,131	FALSE
0,027	0,307	0,000	0,013	0,010	FALSE
-0,075	0,292	-0,003	0,012	0,109	FALSE
-0,114	0,280	-0,004	0,009	0,167	FALSE
-0,099	0,300	-0,003	0,009	0,114	FALSE
-0,009	0,287	0,000	0,008	0,006	FALSE
-0,061	0,299	-0,002	0,011	0,070	FALSE
0,147	0,308	0,004	0,008	0,194	FALSE
0,097	0,316	0,002	0,007	0,125	FALSE
-0,068	0,305	-0,003	0,010	0,096	FALSE
-0,107	0,301	-0,002	0,007	0,131	FALSE
0,115	0,295	0,004	0,010	0,155	FALSE
-0,010	0,315	0,000	0,010	0,006	FALSE

-0,117	0,290	-0,004	0,012	0,127	FALSE
0,030	0,291	0,000	0,007	0,019	FALSE
0,079	0,299	0,003	0,012	0,084	FALSE
0,107	0,305	0,004	0,011	0,144	FALSE
0,029	0,308	0,001	0,007	0,045	FALSE
-0,048	0,307	-0,001	0,007	0,055	FALSE
-0,016	0,309	-0,001	0,012	0,026	FALSE
0,019	0,310	0,000	0,007	0,010	FALSE
0,057	0,295	0,003	0,011	0,089	FALSE
0,068	0,307	0,001	0,007	0,064	FALSE
0,069	0,303	0,001	0,007	0,076	FALSE
-0,085	0,310	-0,003	0,009	0,123	FALSE
0,125	0,313	0,006	0,012	0,218	FALSE
-0,064	0,295	-0,002	0,011	0,078	FALSE
0,127	0,312	0,003	0,007	0,151	FALSE
0,099	0,305	0,002	0,007	0,106	FALSE
-0,013	0,297	0,000	0,008	0,017	FALSE
0,037	0,313	0,002	0,013	0,058	FALSE
-0,034	0,313	-0,001	0,007	0,033	FALSE
0,057	0,314	0,002	0,007	0,090	FALSE
0,004	0,309	0,000	0,006	0,014	FALSE
0,134	0,288	0,004	0,011	0,146	FALSE
-0,052	0,324	-0,002	0,012	0,051	FALSE
-0,050	0,312	-0,001	0,009	0,039	FALSE
0,017	0,306	0,001	0,008	0,060	FALSE
0,012	0,312	0,001	0,008	0,029	FALSE
-0,028	0,314	-0,001	0,009	0,036	FALSE
0,027	0,296	0,000	0,008	0,018	FALSE
-0,066	0,297	-0,001	0,007	0,080	FALSE
-0,065	0,308	-0,002	0,012	0,066	FALSE
0,052	0,314	0,001	0,010	0,052	FALSE
-0,075	0,302	-0,002	0,007	0,082	FALSE
0,057	0,300	0,001	0,009	0,053	FALSE
0,049	0,302	0,002	0,008	0,098	FALSE
-0,039	0,307	-0,001	0,007	0,041	FALSE
-0,093	0,319	-0,002	0,009	0,099	FALSE
0,002	0,323	0,000	0,013	0,002	FALSE
-0,052	0,309	-0,001	0,009	0,055	FALSE
-0,082	0,324	-0,003	0,012	0,103	FALSE
0,196	0,292	0,004	0,006	0,281	FALSE
-0,104	0,309	-0,004	0,011	0,130	FALSE
-0,001	0,316	0,001	0,011	0,033	FALSE
-0,021	0,314	-0,001	0,011	0,048	FALSE
-0,079	0,308	-0,003	0,009	0,128	FALSE
-0,043	0,305	-0,001	0,007	0,051	FALSE
0,154	0,295	0,006	0,009	0,258	FALSE
0,021	0,317	0,001	0,013	0,013	FALSE
0,004	0,314	0,000	0,007	0,016	FALSE
0,015	0,314	0,001	0,007	0,027	FALSE
0,023	0,307	0,001	0,007	0,025	FALSE
0,134	0,308	0,004	0,009	0,161	FALSE
-0,083	0,325	-0,002	0,008	0,092	FALSE
0,029	0,295	0,001	0,012	0,038	FALSE

-0,001	0,308	0,000	0,010	0,010	FALSE
0,002	0,311	0,000	0,010	0,001	FALSE
-0,012	0,312	-0,001	0,010	0,021	FALSE
-0,052	0,313	-0,001	0,008	0,058	FALSE
0,028	0,305	0,001	0,013	0,015	FALSE
0,003	0,305	-0,001	0,012	0,022	FALSE
0,054	0,316	0,001	0,009	0,056	FALSE
0,036	0,312	0,001	0,007	0,033	FALSE
0,084	0,311	0,003	0,011	0,112	FALSE
-0,010	0,307	0,000	0,009	0,011	FALSE
0,073	0,310	0,003	0,013	0,104	FALSE
-0,122	0,306	-0,004	0,009	0,167	FALSE
-0,134	0,309	-0,003	0,008	0,151	FALSE
0,022	0,310	0,000	0,012	0,008	FALSE
-0,019	0,298	-0,001	0,012	0,037	FALSE
-0,037	0,295	-0,002	0,012	0,058	FALSE
0,074	0,327	0,002	0,009	0,088	FALSE
0,054	0,311	0,001	0,010	0,036	FALSE
-0,016	0,310	0,000	0,007	0,014	FALSE
-0,077	0,302	-0,002	0,009	0,090	FALSE
0,085	0,309	0,003	0,010	0,117	FALSE
0,004	0,311	0,000	0,009	0,003	FALSE
-0,105	0,316	-0,003	0,010	0,110	FALSE
-0,042	0,316	-0,001	0,012	0,033	FALSE
0,013	0,321	0,000	0,009	0,004	FALSE
0,044	0,301	0,002	0,012	0,048	FALSE
0,006	0,312	0,000	0,011	0,016	FALSE
0,073	0,315	0,002	0,009	0,091	FALSE
-0,009	0,310	-0,001	0,008	0,027	FALSE
-0,040	0,292	-0,002	0,011	0,064	FALSE
0,034	0,288	0,001	0,012	0,034	FALSE
-0,040	0,309	-0,001	0,008	0,037	FALSE
-0,096	0,308	-0,003	0,009	0,125	FALSE
0,048	0,305	0,001	0,007	0,068	FALSE
-0,038	0,316	-0,001	0,008	0,049	FALSE
0,091	0,291	0,004	0,010	0,149	FALSE
0,005	0,308	0,000	0,008	0,018	FALSE
0,098	0,293	0,003	0,008	0,142	FALSE
0,173	0,304	0,004	0,007	0,213	FALSE
-0,012	0,297	0,000	0,009	0,017	FALSE
-0,060	0,307	-0,002	0,010	0,089	FALSE
-0,021	0,296	0,000	0,006	0,017	FALSE
-0,063	0,306	-0,001	0,008	0,059	FALSE
-0,032	0,296	0,000	0,012	0,011	FALSE
-0,156	0,319	-0,003	0,006	0,200	TRUE
0,026	0,315	0,001	0,012	0,041	FALSE
-0,022	0,307	0,000	0,006	0,020	FALSE
-0,027	0,308	-0,001	0,007	0,031	FALSE
-0,003	0,300	0,000	0,006	0,014	FALSE
0,007	0,309	0,001	0,013	0,023	FALSE
-0,043	0,309	-0,003	0,012	0,091	FALSE
-0,061	0,313	-0,002	0,009	0,083	FALSE
-0,052	0,314	-0,003	0,012	0,104	FALSE

-0,004	0,320	0,000	0,009	0,016	FALSE
0,021	0,303	0,001	0,008	0,041	FALSE
0,011	0,308	0,000	0,006	0,025	FALSE
0,032	0,312	0,001	0,011	0,039	FALSE
-0,012	0,306	0,000	0,008	0,021	FALSE
-0,019	0,290	-0,001	0,010	0,025	FALSE
0,037	0,316	0,002	0,009	0,083	FALSE
-0,047	0,310	-0,002	0,013	0,052	FALSE
0,014	0,306	0,001	0,006	0,034	FALSE
-0,092	0,315	-0,002	0,009	0,099	FALSE
0,009	0,310	-0,001	0,013	0,039	FALSE
-0,077	0,312	-0,002	0,008	0,081	FALSE
0,117	0,307	0,002	0,006	0,136	FALSE
-0,173	0,283	-0,006	0,010	0,258	FALSE
-0,048	0,308	-0,002	0,010	0,080	FALSE
-0,007	0,304	-0,002	0,013	0,062	FALSE
-0,125	0,314	-0,003	0,007	0,172	FALSE
0,017	0,302	0,002	0,013	0,070	FALSE
0,074	0,296	0,002	0,009	0,083	FALSE
0,086	0,316	0,003	0,013	0,090	FALSE
-0,082	0,302	-0,002	0,012	0,068	FALSE
-0,033	0,319	-0,001	0,010	0,054	FALSE
0,086	0,311	0,002	0,007	0,094	FALSE
0,105	0,319	0,002	0,006	0,126	FALSE
-0,072	0,302	-0,003	0,010	0,113	FALSE
-0,018	0,292	0,000	0,008	0,003	FALSE
-0,029	0,291	0,000	0,008	0,014	FALSE
-0,029	0,295	0,000	0,008	0,001	FALSE
0,245	0,281	0,009	0,010	0,442	FALSE
0,039	0,313	0,001	0,011	0,024	FALSE
-0,031	0,305	0,000	0,008	0,004	FALSE
-0,019	0,308	-0,001	0,008	0,030	FALSE
-0,020	0,302	0,001	0,008	0,025	FALSE
0,026	0,284	0,002	0,007	0,100	FALSE
0,052	0,309	0,003	0,012	0,083	FALSE
-0,036	0,289	0,000	0,007	0,009	FALSE
0,029	0,295	0,002	0,008	0,078	FALSE
-0,089	0,301	-0,002	0,007	0,094	FALSE
0,192	0,295	0,008	0,011	0,334	FALSE
0,200	0,289	0,008	0,011	0,344	FALSE
-0,076	0,301	-0,002	0,007	0,126	FALSE
0,032	0,317	0,001	0,008	0,043	FALSE
-0,014	0,315	-0,002	0,012	0,051	FALSE
0,057	0,297	0,002	0,008	0,078	FALSE
0,070	0,311	0,002	0,007	0,086	FALSE
0,075	0,310	0,002	0,006	0,101	FALSE
-0,011	0,312	-0,001	0,011	0,025	FALSE
-0,046	0,322	-0,003	0,013	0,074	FALSE
-0,068	0,300	-0,003	0,011	0,111	FALSE
-0,023	0,314	-0,001	0,011	0,043	FALSE
-0,087	0,314	-0,002	0,007	0,102	FALSE
0,006	0,291	0,001	0,013	0,030	FALSE
-0,074	0,314	-0,002	0,008	0,071	FALSE

0,019	0,328	0,001	0,009	0,030	FALSE
0,117	0,306	0,004	0,009	0,185	FALSE
-0,089	0,310	-0,003	0,010	0,111	FALSE
-0,014	0,307	-0,001	0,010	0,017	FALSE
-0,070	0,317	-0,002	0,010	0,078	FALSE
-0,007	0,307	0,000	0,010	0,010	FALSE
0,021	0,303	0,001	0,010	0,026	FALSE
-0,011	0,311	0,000	0,010	0,006	FALSE
-0,030	0,311	-0,001	0,010	0,045	FALSE
0,088	0,307	0,003	0,011	0,118	FALSE
-0,127	0,307	-0,005	0,011	0,181	FALSE
-0,028	0,309	-0,001	0,011	0,025	FALSE
-0,024	0,296	-0,001	0,010	0,020	FALSE
0,109	0,305	0,003	0,010	0,140	FALSE
-0,103	0,315	-0,003	0,010	0,120	FALSE
-0,066	0,303	-0,002	0,007	0,088	FALSE
0,133	0,315	0,005	0,011	0,173	FALSE
0,060	0,301	0,002	0,013	0,064	FALSE
-0,173	0,298	-0,007	0,011	0,259	FALSE
-0,074	0,298	-0,002	0,009	0,107	FALSE
0,096	0,309	0,006	0,013	0,176	FALSE
-0,024	0,312	0,000	0,007	0,000	FALSE
0,042	0,315	0,002	0,008	0,072	FALSE
-0,044	0,306	0,000	0,008	0,008	FALSE
-0,046	0,306	-0,002	0,012	0,046	FALSE
0,023	0,306	0,001	0,010	0,024	FALSE
-0,011	0,308	0,000	0,012	0,011	FALSE
0,128	0,288	0,003	0,008	0,158	FALSE
-0,048	0,308	-0,002	0,013	0,057	FALSE
-0,051	0,313	-0,002	0,013	0,050	FALSE
-0,091	0,292	-0,002	0,007	0,105	FALSE
0,176	0,303	0,007	0,013	0,249	FALSE
-0,055	0,317	-0,002	0,007	0,096	FALSE
0,025	0,321	0,001	0,007	0,051	FALSE
-0,018	0,311	-0,001	0,013	0,021	FALSE
0,077	0,296	0,002	0,006	0,099	FALSE
0,132	0,309	0,004	0,010	0,181	FALSE
-0,067	0,328	-0,002	0,008	0,088	FALSE
-0,034	0,308	-0,001	0,008	0,026	FALSE
-0,032	0,323	-0,001	0,012	0,041	FALSE
-0,061	0,318	-0,001	0,007	0,046	FALSE
0,020	0,312	0,000	0,013	0,001	FALSE
-0,108	0,298	-0,003	0,006	0,165	FALSE
-0,014	0,308	0,000	0,012	0,007	FALSE
0,167	0,306	0,006	0,012	0,215	FALSE
-0,014	0,309	0,000	0,013	0,006	FALSE
-0,146	0,302	-0,005	0,010	0,217	FALSE
0,048	0,300	0,001	0,008	0,049	FALSE
0,064	0,316	0,003	0,013	0,080	FALSE
-0,090	0,317	-0,004	0,011	0,131	FALSE
-0,004	0,297	0,000	0,011	0,005	FALSE
0,063	0,298	0,002	0,010	0,065	FALSE
0,077	0,316	0,002	0,009	0,085	FALSE

-0,133	0,303	-0,003	0,008	0,151	FALSE
-0,160	0,302	-0,006	0,011	0,223	FALSE
-0,099	0,305	-0,003	0,009	0,146	FALSE
-0,190	0,312	-0,007	0,011	0,276	FALSE
-0,144	0,297	-0,006	0,013	0,205	FALSE
-0,085	0,309	-0,003	0,009	0,120	FALSE
-0,185	0,295	-0,007	0,011	0,269	FALSE
0,064	0,317	0,003	0,013	0,082	FALSE
0,092	0,309	0,002	0,008	0,099	FALSE
0,026	0,319	0,001	0,011	0,023	FALSE
-0,014	0,303	-0,001	0,009	0,028	FALSE
0,114	0,303	0,003	0,008	0,167	FALSE
-0,051	0,307	-0,001	0,007	0,081	FALSE
0,078	0,292	0,004	0,011	0,159	FALSE
0,009	0,311	0,000	0,009	0,004	FALSE
0,071	0,295	0,003	0,008	0,134	FALSE
-0,163	0,306	-0,006	0,011	0,247	FALSE
0,118	0,308	0,005	0,013	0,168	FALSE
0,179	0,288	0,004	0,007	0,245	FALSE
-0,031	0,303	0,000	0,007	0,001	FALSE
-0,007	0,315	0,000	0,007	0,024	FALSE
0,024	0,304	0,001	0,013	0,023	FALSE
-0,017	0,317	0,000	0,012	0,002	FALSE
0,064	0,302	0,002	0,012	0,052	FALSE
-0,029	0,320	-0,001	0,010	0,047	FALSE
-0,018	0,302	-0,001	0,010	0,034	FALSE
-0,031	0,307	-0,002	0,010	0,059	FALSE
-0,012	0,310	0,000	0,011	0,007	FALSE
-0,016	0,313	-0,001	0,008	0,023	FALSE
-0,022	0,304	-0,001	0,007	0,031	FALSE
-0,020	0,315	-0,002	0,012	0,051	FALSE
-0,014	0,302	-0,001	0,009	0,027	FALSE
0,010	0,312	0,000	0,010	0,000	FALSE
0,056	0,306	0,001	0,007	0,043	FALSE
-0,039	0,309	-0,002	0,012	0,052	FALSE
-0,043	0,312	-0,002	0,012	0,053	FALSE
-0,055	0,310	-0,001	0,011	0,039	FALSE
0,033	0,298	0,001	0,012	0,039	FALSE
0,108	0,314	0,005	0,013	0,162	FALSE
0,081	0,306	0,004	0,013	0,128	FALSE
-0,074	0,310	-0,002	0,008	0,079	FALSE
-0,082	0,292	-0,001	0,006	0,075	FALSE
-0,015	0,304	0,000	0,010	0,010	FALSE
-0,002	0,301	0,000	0,006	0,006	FALSE
0,029	0,315	0,001	0,008	0,027	FALSE
-0,079	0,312	-0,004	0,012	0,120	FALSE
-0,083	0,324	-0,002	0,007	0,091	FALSE
0,090	0,315	0,004	0,013	0,120	FALSE
0,044	0,311	0,001	0,012	0,028	FALSE
-0,025	0,302	-0,003	0,013	0,076	FALSE
0,055	0,300	0,001	0,009	0,050	FALSE
0,012	0,300	0,001	0,009	0,050	FALSE
0,069	0,301	0,002	0,007	0,089	FALSE

-0,033	0,303	0,000	0,006	0,012	FALSE
-0,044	0,293	-0,001	0,007	0,039	FALSE
-0,063	0,320	-0,003	0,012	0,091	FALSE
0,111	0,308	0,003	0,008	0,147	FALSE
0,111	0,299	0,005	0,011	0,169	FALSE
0,040	0,292	0,002	0,009	0,066	FALSE
0,090	0,309	0,002	0,006	0,110	FALSE
-0,054	0,328	-0,002	0,012	0,047	FALSE
0,070	0,315	0,002	0,007	0,083	FALSE
0,051	0,320	0,002	0,011	0,080	FALSE
-0,033	0,308	-0,001	0,012	0,044	FALSE
-0,033	0,312	-0,001	0,008	0,064	FALSE
0,027	0,314	0,001	0,008	0,026	FALSE
0,073	0,302	0,002	0,008	0,104	FALSE
0,165	0,300	0,004	0,007	0,232	FALSE
-0,058	0,311	-0,002	0,012	0,076	FALSE
0,079	0,300	0,002	0,011	0,077	FALSE
-0,083	0,306	-0,003	0,011	0,107	FALSE
-0,098	0,291	-0,003	0,008	0,159	FALSE
0,092	0,314	0,004	0,012	0,118	FALSE
0,133	0,303	0,004	0,008	0,197	FALSE
-0,024	0,307	-0,001	0,006	0,057	FALSE
-0,050	0,316	-0,001	0,007	0,039	FALSE
-0,029	0,327	0,000	0,013	0,004	FALSE
0,019	0,314	0,001	0,009	0,053	FALSE
-0,114	0,314	-0,004	0,009	0,163	FALSE
0,136	0,305	0,006	0,013	0,210	FALSE
-0,170	0,314	-0,005	0,009	0,237	FALSE
0,017	0,312	0,001	0,009	0,059	FALSE
-0,007	0,321	0,001	0,008	0,025	FALSE
-0,080	0,306	-0,003	0,012	0,103	FALSE
-0,044	0,303	-0,001	0,010	0,047	FALSE
0,100	0,300	0,004	0,012	0,142	FALSE
0,166	0,288	0,006	0,012	0,195	FALSE
-0,028	0,322	-0,001	0,009	0,030	FALSE
-0,038	0,322	-0,001	0,008	0,034	FALSE
-0,085	0,299	-0,003	0,012	0,099	FALSE
0,103	0,313	0,003	0,010	0,103	FALSE
0,003	0,294	-0,001	0,013	0,029	FALSE
-0,113	0,305	-0,003	0,008	0,148	FALSE
-0,053	0,315	-0,002	0,009	0,078	FALSE
0,025	0,302	0,001	0,008	0,045	FALSE
0,052	0,292	0,002	0,013	0,060	FALSE
-0,057	0,319	-0,002	0,012	0,078	FALSE
-0,132	0,295	-0,005	0,011	0,199	FALSE
0,135	0,307	0,005	0,011	0,189	FALSE
0,024	0,311	0,000	0,009	0,010	FALSE
0,023	0,300	0,000	0,007	0,003	FALSE
-0,029	0,310	-0,001	0,007	0,061	FALSE
0,036	0,314	0,001	0,007	0,048	FALSE
0,168	0,302	0,005	0,008	0,253	FALSE
0,142	0,314	0,004	0,008	0,186	FALSE
-0,013	0,320	-0,001	0,010	0,035	FALSE

0,076	0,318	0,002	0,007	0,084	FALSE
0,054	0,304	0,001	0,007	0,055	FALSE
0,157	0,310	0,006	0,012	0,198	FALSE
-0,055	0,304	-0,002	0,010	0,097	FALSE
-0,024	0,306	-0,001	0,008	0,041	FALSE
0,121	0,299	0,005	0,013	0,148	FALSE
0,014	0,298	0,001	0,008	0,032	FALSE
0,120	0,307	0,003	0,008	0,148	FALSE
-0,152	0,309	-0,003	0,007	0,172	FALSE
-0,011	0,296	-0,001	0,011	0,022	FALSE
0,161	0,301	0,004	0,007	0,219	FALSE
0,149	0,304	0,004	0,007	0,217	FALSE
0,133	0,293	0,004	0,009	0,198	FALSE
0,151	0,300	0,005	0,008	0,236	FALSE
0,001	0,291	0,000	0,008	0,019	FALSE
-0,016	0,306	-0,001	0,007	0,047	FALSE
-0,008	0,311	-0,001	0,007	0,038	FALSE
0,056	0,316	0,001	0,008	0,071	FALSE
0,037	0,300	0,001	0,006	0,077	FALSE
-0,012	0,306	0,000	0,008	0,003	FALSE
-0,063	0,306	-0,002	0,010	0,090	FALSE
0,089	0,319	0,003	0,010	0,101	FALSE
0,018	0,311	0,000	0,007	0,020	FALSE
-0,151	0,313	-0,003	0,007	0,171	FALSE
0,169	0,288	0,005	0,008	0,297	FALSE
-0,101	0,303	-0,004	0,011	0,126	FALSE
0,058	0,315	0,001	0,008	0,031	FALSE
-0,063	0,320	-0,002	0,012	0,071	FALSE
0,080	0,304	0,002	0,008	0,091	FALSE
0,137	0,308	0,005	0,012	0,167	FALSE
0,063	0,317	0,002	0,012	0,069	FALSE
-0,059	0,295	-0,001	0,009	0,040	FALSE
-0,041	0,319	-0,002	0,011	0,055	FALSE
0,071	0,299	0,003	0,008	0,119	FALSE
-0,022	0,305	-0,001	0,009	0,023	FALSE
-0,031	0,307	-0,001	0,007	0,031	FALSE
-0,010	0,302	0,000	0,008	0,018	FALSE
-0,007	0,304	0,000	0,008	0,019	FALSE
0,079	0,305	0,003	0,013	0,089	FALSE
-0,049	0,307	-0,003	0,013	0,102	FALSE
0,052	0,305	0,001	0,008	0,057	FALSE
0,025	0,316	0,002	0,013	0,048	FALSE
-0,119	0,310	-0,004	0,011	0,143	FALSE
0,043	0,303	0,002	0,009	0,069	FALSE
-0,034	0,318	-0,002	0,009	0,075	FALSE
-0,103	0,309	-0,003	0,009	0,124	FALSE
-0,080	0,313	-0,002	0,009	0,085	FALSE
-0,087	0,311	-0,002	0,007	0,111	FALSE
-0,056	0,298	-0,001	0,008	0,066	FALSE
-0,115	0,303	-0,005	0,013	0,154	FALSE
-0,018	0,305	0,000	0,008	0,016	FALSE
-0,035	0,308	-0,001	0,012	0,023	FALSE
-0,002	0,304	0,000	0,012	0,014	FALSE

-0,091	0,308	-0,004	0,012	0,117	FALSE
0,012	0,318	0,001	0,010	0,025	FALSE
-0,103	0,311	-0,002	0,007	0,101	FALSE
0,070	0,308	0,002	0,008	0,071	FALSE
0,068	0,309	0,002	0,011	0,079	FALSE
0,042	0,304	0,001	0,010	0,052	FALSE
-0,061	0,323	-0,002	0,008	0,082	FALSE
-0,052	0,298	-0,001	0,008	0,070	FALSE
0,016	0,299	0,000	0,007	0,013	FALSE
-0,037	0,313	-0,002	0,011	0,056	FALSE
-0,050	0,309	-0,002	0,009	0,063	FALSE
-0,062	0,310	-0,002	0,012	0,067	FALSE
-0,082	0,306	-0,003	0,012	0,091	FALSE
0,065	0,299	0,002	0,006	0,115	FALSE
0,024	0,321	0,001	0,011	0,037	FALSE
0,012	0,306	0,000	0,013	0,002	FALSE
0,068	0,292	0,001	0,006	0,060	FALSE
0,115	0,320	0,003	0,009	0,117	FALSE
0,102	0,302	0,002	0,008	0,108	FALSE
0,113	0,302	0,003	0,008	0,134	FALSE
0,006	0,310	0,001	0,010	0,019	FALSE
0,022	0,311	0,001	0,010	0,032	FALSE
0,025	0,310	0,001	0,012	0,031	FALSE
0,032	0,296	0,001	0,012	0,045	FALSE
0,015	0,317	0,001	0,011	0,024	FALSE
0,065	0,295	0,005	0,013	0,143	FALSE
-0,079	0,313	-0,002	0,006	0,097	FALSE
-0,026	0,303	-0,002	0,010	0,063	FALSE
0,087	0,306	0,003	0,009	0,118	FALSE
0,028	0,307	0,002	0,009	0,067	FALSE
0,019	0,303	0,000	0,006	0,007	FALSE
-0,065	0,297	-0,003	0,012	0,111	FALSE
-0,051	0,311	-0,001	0,008	0,054	FALSE
0,189	0,318	0,005	0,009	0,251	FALSE
-0,117	0,300	-0,003	0,010	0,131	FALSE
0,180	0,301	0,004	0,007	0,224	FALSE
0,015	0,299	0,000	0,007	0,013	FALSE
0,017	0,302	0,001	0,007	0,028	FALSE
-0,006	0,315	0,000	0,007	0,007	FALSE
0,042	0,317	0,001	0,009	0,054	FALSE
-0,050	0,315	-0,002	0,012	0,053	FALSE
-0,032	0,316	-0,001	0,007	0,027	FALSE
0,008	0,302	0,000	0,007	0,019	FALSE
0,014	0,304	0,001	0,011	0,020	FALSE
-0,100	0,305	-0,002	0,007	0,100	FALSE
-0,081	0,306	-0,003	0,012	0,081	FALSE
0,076	0,312	0,002	0,007	0,094	FALSE
-0,148	0,303	-0,006	0,012	0,205	FALSE
-0,129	0,294	-0,006	0,012	0,189	FALSE
-0,129	0,305	-0,005	0,012	0,174	FALSE
0,054	0,308	0,002	0,007	0,089	FALSE
0,114	0,300	0,004	0,008	0,185	FALSE
0,097	0,302	0,003	0,008	0,172	FALSE

0,108	0,308	0,003	0,008	0,165	FALSE
0,063	0,312	0,002	0,008	0,080	FALSE
-0,185	0,308	-0,006	0,011	0,256	FALSE
0,057	0,311	0,001	0,008	0,071	FALSE
0,077	0,324	0,003	0,011	0,098	FALSE
0,091	0,312	0,002	0,007	0,089	FALSE
0,073	0,314	0,001	0,007	0,056	FALSE
-0,106	0,307	-0,004	0,013	0,134	FALSE
0,182	0,304	0,004	0,007	0,226	FALSE
0,248	0,285	0,011	0,012	0,436	FALSE
0,073	0,314	0,002	0,007	0,108	FALSE
-0,066	0,291	-0,001	0,007	0,066	FALSE
0,113	0,312	0,005	0,011	0,169	FALSE
0,021	0,306	0,000	0,007	0,003	FALSE
-0,011	0,312	0,000	0,007	0,017	FALSE
-0,023	0,311	0,000	0,007	0,017	FALSE
0,026	0,305	0,001	0,013	0,027	FALSE
0,002	0,307	0,000	0,007	0,008	FALSE
0,006	0,303	0,000	0,008	0,001	FALSE
-0,018	0,298	0,000	0,011	0,007	FALSE
-0,015	0,306	0,000	0,007	0,000	FALSE
-0,045	0,298	0,000	0,010	0,011	FALSE
-0,065	0,305	-0,001	0,012	0,039	FALSE
-0,067	0,302	-0,003	0,012	0,106	FALSE
0,102	0,301	0,002	0,007	0,133	FALSE
0,131	0,313	0,003	0,007	0,169	FALSE
0,136	0,300	0,003	0,007	0,173	FALSE
-0,088	0,318	-0,002	0,007	0,118	FALSE
0,060	0,310	0,002	0,013	0,067	FALSE
0,096	0,310	0,005	0,013	0,165	FALSE
0,110	0,306	0,005	0,012	0,178	FALSE
-0,146	0,299	-0,006	0,012	0,189	FALSE
0,119	0,313	0,005	0,010	0,195	FALSE
0,119	0,299	0,005	0,009	0,214	FALSE
0,111	0,290	0,004	0,012	0,136	FALSE
0,008	0,294	-0,001	0,009	0,028	FALSE
-0,063	0,302	-0,002	0,012	0,058	FALSE
-0,103	0,295	-0,006	0,011	0,209	FALSE
-0,008	0,306	0,000	0,013	0,006	FALSE
0,045	0,293	0,001	0,011	0,042	FALSE
-0,067	0,311	-0,001	0,007	0,050	FALSE
0,003	0,312	0,001	0,007	0,029	FALSE
0,027	0,322	0,000	0,008	0,006	FALSE
-0,096	0,314	-0,003	0,009	0,111	FALSE
0,097	0,311	0,002	0,007	0,103	FALSE
-0,010	0,309	-0,001	0,011	0,026	FALSE
-0,015	0,315	-0,001	0,011	0,033	FALSE
0,052	0,299	0,001	0,007	0,063	FALSE
0,112	0,310	0,002	0,007	0,117	FALSE
-0,069	0,321	-0,002	0,007	0,083	FALSE
0,084	0,321	0,003	0,013	0,077	FALSE
-0,016	0,305	0,000	0,010	0,016	FALSE
0,014	0,296	0,000	0,007	0,004	FALSE

0,016	0,308	0,002	0,012	0,050	FALSE
0,052	0,295	0,001	0,007	0,047	FALSE
-0,031	0,312	0,000	0,008	0,023	FALSE
0,100	0,307	0,002	0,008	0,098	FALSE
0,007	0,309	0,001	0,012	0,026	FALSE
0,104	0,317	0,002	0,006	0,127	FALSE
0,129	0,296	0,003	0,007	0,170	FALSE
0,068	0,298	0,002	0,009	0,095	FALSE
-0,139	0,305	-0,004	0,009	0,207	FALSE
-0,074	0,306	-0,003	0,012	0,094	FALSE
-0,042	0,317	-0,002	0,011	0,067	FALSE
-0,117	0,303	-0,004	0,009	0,168	FALSE
-0,012	0,302	0,000	0,009	0,009	FALSE
-0,069	0,308	-0,004	0,012	0,124	FALSE
0,067	0,297	0,002	0,013	0,053	FALSE
0,024	0,305	0,001	0,012	0,027	FALSE
-0,024	0,308	0,000	0,008	0,000	FALSE
0,021	0,305	0,001	0,013	0,037	FALSE
-0,040	0,301	-0,002	0,012	0,058	FALSE
0,065	0,314	0,002	0,012	0,075	FALSE
0,107	0,298	0,003	0,008	0,134	FALSE
0,034	0,300	0,002	0,010	0,068	FALSE
0,023	0,316	0,001	0,012	0,018	FALSE
0,019	0,318	0,000	0,011	0,013	FALSE
0,022	0,328	0,000	0,009	0,018	FALSE
-0,019	0,298	-0,001	0,007	0,025	FALSE
-0,037	0,306	-0,001	0,009	0,029	FALSE
-0,119	0,294	-0,005	0,011	0,197	FALSE
0,081	0,310	0,003	0,009	0,124	FALSE
-0,052	0,303	-0,002	0,013	0,057	FALSE
0,117	0,305	0,003	0,006	0,171	FALSE
-0,062	0,305	-0,001	0,008	0,033	FALSE
0,043	0,319	0,001	0,007	0,051	FALSE
-0,046	0,312	-0,001	0,007	0,045	FALSE
-0,114	0,318	-0,005	0,013	0,138	FALSE
0,087	0,298	0,004	0,012	0,124	FALSE
-0,118	0,306	-0,004	0,011	0,148	FALSE
0,052	0,294	0,001	0,008	0,057	FALSE
-0,052	0,312	-0,002	0,009	0,071	FALSE
-0,006	0,303	0,000	0,007	0,023	FALSE
-0,008	0,295	0,000	0,007	0,001	FALSE
-0,058	0,305	-0,001	0,007	0,069	FALSE
-0,012	0,316	0,000	0,013	0,007	FALSE
0,026	0,295	0,001	0,007	0,029	FALSE
-0,134	0,315	-0,003	0,007	0,159	FALSE
-0,121	0,319	-0,004	0,009	0,162	FALSE
-0,060	0,304	-0,002	0,011	0,066	FALSE
-0,014	0,313	0,000	0,007	0,001	FALSE
-0,127	0,302	-0,004	0,009	0,166	FALSE
0,039	0,319	0,001	0,009	0,042	FALSE
-0,005	0,316	0,000	0,010	0,017	FALSE
-0,027	0,321	-0,001	0,013	0,027	FALSE
0,020	0,295	0,001	0,009	0,028	FALSE

-0,003	0,290	0,000	0,009	0,009	FALSE
-0,006	0,312	0,000	0,011	0,003	FALSE
-0,052	0,318	-0,002	0,012	0,052	FALSE
0,020	0,289	0,001	0,006	0,032	FALSE
0,083	0,299	0,003	0,012	0,112	FALSE
0,096	0,306	0,002	0,007	0,108	FALSE
0,019	0,308	0,001	0,012	0,030	FALSE
-0,062	0,299	-0,002	0,009	0,063	FALSE
0,057	0,318	0,002	0,010	0,072	FALSE
0,027	0,305	0,001	0,012	0,037	FALSE
0,144	0,298	0,005	0,012	0,183	FALSE
-0,034	0,311	-0,001	0,008	0,026	FALSE
0,012	0,305	0,001	0,013	0,029	FALSE
0,005	0,310	0,000	0,006	0,003	FALSE
0,051	0,309	0,001	0,008	0,065	FALSE
0,045	0,285	0,002	0,009	0,065	FALSE
-0,033	0,312	-0,001	0,011	0,027	FALSE
-0,056	0,302	-0,002	0,010	0,069	FALSE
0,065	0,308	0,002	0,013	0,044	FALSE
0,138	0,285	0,003	0,006	0,177	FALSE
-0,033	0,305	-0,002	0,013	0,064	FALSE
-0,033	0,303	-0,002	0,013	0,063	FALSE
-0,019	0,313	-0,001	0,010	0,033	FALSE
0,059	0,305	0,002	0,011	0,074	FALSE
-0,046	0,326	-0,001	0,012	0,034	FALSE
0,085	0,320	0,002	0,008	0,081	FALSE
0,126	0,319	0,002	0,007	0,127	FALSE
-0,116	0,316	-0,004	0,009	0,155	FALSE
-0,147	0,312	-0,007	0,014	0,208	FALSE
-0,097	0,307	-0,005	0,013	0,145	FALSE
-0,102	0,313	-0,005	0,013	0,147	FALSE
-0,007	0,310	0,000	0,010	0,010	FALSE
-0,120	0,307	-0,002	0,007	0,141	FALSE
-0,084	0,307	-0,002	0,008	0,096	FALSE
-0,010	0,302	0,000	0,011	0,011	FALSE
0,096	0,311	0,003	0,007	0,147	FALSE
0,087	0,313	0,002	0,007	0,137	FALSE
0,134	0,294	0,005	0,011	0,199	FALSE
0,008	0,316	0,000	0,012	0,001	FALSE
0,017	0,305	0,000	0,007	0,021	FALSE
0,018	0,319	0,000	0,008	0,019	FALSE
-0,053	0,314	-0,003	0,012	0,086	FALSE
-0,082	0,305	-0,004	0,011	0,125	FALSE
0,069	0,314	0,002	0,010	0,083	FALSE
0,070	0,312	0,004	0,011	0,133	FALSE
-0,069	0,311	-0,002	0,011	0,088	FALSE
0,121	0,306	0,005	0,012	0,152	FALSE
0,002	0,312	0,000	0,012	0,003	FALSE
-0,120	0,307	-0,003	0,007	0,174	FALSE
0,049	0,294	0,002	0,010	0,057	FALSE
0,011	0,305	0,001	0,007	0,027	FALSE
0,001	0,308	-0,001	0,012	0,038	FALSE
-0,085	0,322	-0,004	0,013	0,136	FALSE

-0,131	0,299	-0,005	0,009	0,213	FALSE
0,050	0,319	0,002	0,011	0,053	FALSE
0,076	0,312	0,002	0,008	0,087	FALSE
0,068	0,310	0,002	0,011	0,077	FALSE
-0,190	0,298	-0,006	0,010	0,271	FALSE
0,038	0,306	0,001	0,008	0,045	FALSE
-0,080	0,302	-0,002	0,008	0,107	FALSE
-0,015	0,297	-0,002	0,012	0,064	FALSE
0,016	0,306	0,001	0,007	0,028	FALSE
-0,187	0,308	-0,005	0,008	0,254	FALSE
0,075	0,308	0,003	0,012	0,091	FALSE
0,046	0,306	0,002	0,009	0,081	FALSE
-0,056	0,318	-0,002	0,013	0,044	FALSE
0,091	0,311	0,002	0,007	0,098	FALSE
-0,030	0,304	0,000	0,007	0,021	FALSE
0,010	0,281	-0,001	0,012	0,015	FALSE
0,085	0,305	0,001	0,007	0,084	FALSE
0,029	0,304	0,000	0,009	0,004	FALSE
-0,047	0,298	-0,001	0,010	0,043	FALSE
0,083	0,307	0,002	0,006	0,115	FALSE
0,171	0,289	0,005	0,008	0,249	FALSE
-0,056	0,303	-0,002	0,012	0,049	FALSE
0,147	0,286	0,004	0,010	0,178	FALSE
-0,144	0,292	-0,004	0,009	0,179	FALSE
-0,153	0,312	-0,004	0,010	0,170	FALSE
0,156	0,295	0,005	0,011	0,176	FALSE
-0,157	0,309	-0,003	0,007	0,204	FALSE
0,145	0,292	0,006	0,011	0,216	FALSE
-0,010	0,321	-0,001	0,007	0,031	FALSE
-0,138	0,302	-0,003	0,007	0,199	FALSE
0,037	0,302	0,001	0,007	0,052	FALSE
0,001	0,315	0,000	0,011	0,003	FALSE
-0,015	0,306	0,000	0,010	0,011	FALSE
0,036	0,313	0,001	0,006	0,036	FALSE
0,180	0,305	0,008	0,012	0,280	FALSE
-0,009	0,306	0,000	0,007	0,020	FALSE
-0,100	0,294	-0,003	0,008	0,128	FALSE
-0,116	0,299	-0,003	0,008	0,144	FALSE
0,002	0,311	0,000	0,007	0,012	FALSE
-0,060	0,300	-0,001	0,007	0,033	FALSE
-0,109	0,316	-0,003	0,009	0,134	FALSE
0,031	0,307	0,003	0,012	0,089	FALSE
-0,061	0,312	-0,002	0,012	0,046	FALSE
0,029	0,308	0,001	0,007	0,039	FALSE
0,116	0,295	0,004	0,012	0,140	FALSE
-0,077	0,296	-0,002	0,008	0,106	FALSE
-0,064	0,301	-0,003	0,013	0,076	FALSE
-0,001	0,302	0,000	0,011	0,008	FALSE
-0,026	0,317	-0,001	0,013	0,032	FALSE
-0,077	0,311	-0,001	0,007	0,079	FALSE
0,096	0,310	0,004	0,012	0,156	FALSE
-0,130	0,316	-0,004	0,009	0,163	FALSE
0,161	0,305	0,007	0,013	0,245	FALSE

0,046	0,304	0,003	0,013	0,074	FALSE
0,102	0,301	0,004	0,012	0,145	FALSE
0,092	0,307	0,003	0,009	0,135	FALSE
0,145	0,296	0,004	0,007	0,226	FALSE
0,043	0,319	0,001	0,008	0,060	FALSE
0,061	0,304	0,002	0,008	0,090	FALSE
-0,128	0,295	-0,003	0,007	0,164	FALSE
0,027	0,308	0,000	0,007	0,019	FALSE
0,125	0,320	0,004	0,010	0,164	FALSE
-0,148	0,306	-0,003	0,007	0,191	FALSE
0,018	0,320	0,001	0,007	0,061	FALSE
-0,102	0,299	-0,005	0,012	0,160	FALSE
0,075	0,320	0,002	0,007	0,103	FALSE
-0,073	0,309	-0,002	0,008	0,083	FALSE
0,067	0,333	0,002	0,008	0,077	FALSE
0,010	0,294	0,001	0,008	0,024	FALSE
-0,073	0,317	-0,002	0,008	0,079	FALSE
-0,097	0,318	-0,002	0,007	0,103	FALSE
-0,103	0,313	-0,002	0,007	0,121	FALSE
-0,018	0,312	-0,001	0,010	0,036	FALSE
-0,087	0,321	-0,003	0,010	0,131	FALSE
0,021	0,306	0,000	0,009	0,000	FALSE
0,087	0,305	0,003	0,009	0,123	FALSE
0,071	0,316	0,003	0,010	0,104	FALSE
0,184	0,297	0,004	0,007	0,247	FALSE
0,044	0,313	0,001	0,009	0,030	FALSE
-0,144	0,306	-0,004	0,008	0,193	FALSE
0,116	0,288	0,004	0,009	0,187	FALSE
0,085	0,303	0,002	0,008	0,121	FALSE
-0,004	0,308	0,000	0,008	0,012	FALSE
0,013	0,318	0,001	0,013	0,018	FALSE
0,008	0,313	0,001	0,013	0,017	FALSE
0,066	0,304	0,002	0,006	0,096	FALSE
-0,025	0,334	-0,001	0,009	0,035	FALSE
0,081	0,300	0,002	0,007	0,097	FALSE
-0,077	0,315	-0,003	0,012	0,083	FALSE
-0,056	0,318	-0,003	0,013	0,079	FALSE
-0,073	0,306	-0,003	0,012	0,091	FALSE
0,013	0,315	0,000	0,007	0,002	FALSE
-0,080	0,313	-0,003	0,012	0,104	FALSE
0,012	0,306	0,001	0,013	0,023	FALSE
0,009	0,314	0,000	0,010	0,009	FALSE
-0,022	0,305	0,000	0,007	0,018	FALSE
0,042	0,305	0,001	0,008	0,042	FALSE
0,116	0,302	0,003	0,006	0,189	FALSE
0,004	0,292	0,000	0,010	0,016	FALSE
-0,026	0,314	-0,001	0,007	0,042	FALSE
-0,061	0,319	-0,002	0,007	0,095	FALSE
-0,051	0,303	-0,002	0,008	0,093	FALSE
-0,042	0,300	-0,001	0,008	0,042	FALSE
-0,021	0,306	0,000	0,009	0,004	FALSE
-0,016	0,302	0,000	0,009	0,001	FALSE
0,135	0,295	0,004	0,010	0,165	FALSE

0,130	0,315	0,004	0,011	0,138	FALSE
-0,076	0,301	-0,003	0,012	0,115	FALSE
0,056	0,301	0,002	0,010	0,072	FALSE
-0,080	0,308	-0,003	0,009	0,111	FALSE
-0,018	0,309	0,000	0,007	0,014	FALSE
-0,012	0,292	-0,001	0,008	0,025	FALSE
-0,074	0,299	-0,002	0,009	0,102	FALSE
-0,134	0,302	-0,005	0,009	0,218	FALSE
-0,157	0,301	-0,007	0,013	0,233	FALSE
-0,182	0,298	-0,004	0,007	0,243	FALSE
0,004	0,316	-0,001	0,012	0,015	FALSE
-0,012	0,306	-0,001	0,011	0,031	FALSE
-0,039	0,307	-0,002	0,011	0,062	FALSE
-0,153	0,315	-0,007	0,013	0,209	FALSE
-0,128	0,310	-0,006	0,012	0,194	FALSE
-0,111	0,308	-0,005	0,013	0,159	FALSE
-0,083	0,318	-0,003	0,012	0,094	FALSE
-0,079	0,315	-0,002	0,006	0,110	FALSE
0,053	0,315	0,003	0,011	0,087	FALSE
0,006	0,308	0,000	0,007	0,002	FALSE
0,023	0,320	0,001	0,007	0,033	FALSE
0,068	0,316	0,003	0,012	0,085	FALSE
-0,100	0,303	-0,003	0,007	0,139	FALSE
-0,113	0,315	-0,005	0,013	0,158	FALSE
0,026	0,312	0,000	0,008	0,020	FALSE
-0,034	0,302	-0,002	0,010	0,081	FALSE
0,040	0,310	0,000	0,008	0,009	FALSE
-0,080	0,320	-0,003	0,010	0,098	FALSE
0,080	0,309	0,003	0,013	0,096	FALSE
-0,019	0,308	-0,001	0,011	0,016	FALSE
0,008	0,291	0,000	0,012	0,000	FALSE
0,010	0,308	0,001	0,008	0,023	FALSE
0,000	0,310	0,000	0,011	0,012	FALSE
0,002	0,296	0,000	0,011	0,001	FALSE
0,028	0,300	0,001	0,007	0,051	FALSE
-0,003	0,313	0,000	0,008	0,003	FALSE
0,022	0,306	0,001	0,012	0,032	FALSE
-0,023	0,320	-0,001	0,010	0,021	FALSE
0,027	0,303	0,001	0,007	0,046	FALSE
0,090	0,306	0,004	0,012	0,115	FALSE
-0,012	0,300	0,000	0,008	0,002	FALSE
0,058	0,314	0,001	0,006	0,074	FALSE
-0,033	0,307	-0,001	0,007	0,056	FALSE
-0,066	0,305	-0,002	0,010	0,087	FALSE
0,005	0,316	0,000	0,010	0,002	FALSE
0,074	0,281	0,003	0,011	0,119	FALSE
-0,014	0,304	0,000	0,010	0,017	FALSE
-0,084	0,313	-0,004	0,010	0,138	FALSE
0,080	0,305	0,004	0,012	0,128	FALSE
0,070	0,311	0,001	0,007	0,076	FALSE
0,033	0,315	0,002	0,013	0,048	FALSE
-0,038	0,309	-0,001	0,012	0,030	FALSE
0,012	0,299	0,001	0,012	0,021	FALSE

-0,054	0,317	-0,002	0,008	0,087	FALSE
-0,061	0,319	-0,003	0,012	0,092	FALSE
-0,048	0,315	-0,002	0,011	0,070	FALSE
-0,007	0,286	-0,001	0,011	0,024	FALSE
0,034	0,302	0,001	0,009	0,050	FALSE
-0,221	0,293	-0,005	0,007	0,322	FALSE
0,173	0,300	0,008	0,012	0,285	FALSE
0,070	0,307	0,003	0,009	0,110	FALSE
-0,078	0,305	-0,003	0,011	0,100	FALSE
0,009	0,308	0,000	0,010	0,011	FALSE
0,108	0,313	0,002	0,007	0,115	FALSE
-0,150	0,296	-0,004	0,007	0,232	FALSE
0,104	0,316	0,005	0,012	0,156	FALSE
0,004	0,316	-0,001	0,009	0,032	FALSE
-0,033	0,300	-0,002	0,011	0,063	FALSE
0,122	0,294	0,004	0,009	0,168	FALSE
-0,114	0,304	-0,004	0,010	0,147	FALSE
-0,089	0,317	-0,002	0,011	0,081	FALSE
0,078	0,295	0,003	0,011	0,121	FALSE
-0,063	0,322	-0,002	0,010	0,078	FALSE
-0,126	0,288	-0,004	0,010	0,145	FALSE
-0,059	0,300	-0,001	0,008	0,033	FALSE
0,040	0,314	0,002	0,011	0,059	FALSE
0,048	0,310	0,002	0,012	0,057	FALSE
0,106	0,298	0,004	0,012	0,137	FALSE
-0,006	0,307	0,000	0,007	0,006	FALSE
-0,085	0,302	-0,003	0,010	0,118	FALSE
-0,033	0,294	-0,001	0,011	0,037	FALSE
-0,156	0,298	-0,003	0,007	0,177	FALSE
-0,061	0,307	-0,002	0,011	0,069	FALSE
-0,060	0,304	-0,002	0,012	0,065	FALSE
-0,037	0,306	-0,001	0,011	0,025	FALSE
0,128	0,307	0,003	0,007	0,153	FALSE
0,057	0,326	0,002	0,010	0,097	FALSE
0,059	0,305	0,002	0,009	0,102	FALSE
-0,020	0,306	0,000	0,007	0,020	FALSE
-0,048	0,305	-0,001	0,008	0,048	FALSE
-0,081	0,317	-0,001	0,007	0,070	FALSE
-0,016	0,310	0,000	0,007	0,009	FALSE
-0,019	0,316	-0,001	0,007	0,036	FALSE
0,122	0,313	0,003	0,008	0,137	FALSE
0,038	0,292	0,000	0,011	0,012	FALSE
0,106	0,309	0,004	0,010	0,152	FALSE
-0,013	0,300	-0,001	0,006	0,033	FALSE
-0,091	0,299	-0,003	0,010	0,107	FALSE
0,073	0,310	0,002	0,007	0,087	FALSE
0,131	0,301	0,005	0,012	0,157	FALSE
0,118	0,299	0,002	0,006	0,165	FALSE
-0,065	0,302	-0,002	0,007	0,083	FALSE
0,099	0,303	0,002	0,007	0,133	FALSE
0,034	0,300	0,001	0,011	0,038	FALSE
-0,085	0,310	-0,005	0,013	0,150	FALSE
0,116	0,321	0,003	0,006	0,166	FALSE

0,007	0,307	-0,001	0,012	0,016	FALSE
-0,060	0,314	-0,001	0,008	0,049	FALSE
0,045	0,303	0,001	0,007	0,078	FALSE
0,080	0,305	0,003	0,011	0,114	FALSE
0,001	0,305	0,000	0,007	0,003	FALSE
0,095	0,305	0,002	0,007	0,095	FALSE
-0,005	0,282	-0,001	0,007	0,032	FALSE
0,024	0,311	0,001	0,007	0,048	FALSE
0,182	0,299	0,009	0,012	0,340	FALSE
-0,129	0,304	-0,003	0,007	0,161	FALSE
0,050	0,311	0,003	0,011	0,095	FALSE
0,008	0,300	0,002	0,013	0,054	FALSE
-0,040	0,306	-0,001	0,012	0,021	FALSE
-0,034	0,307	-0,001	0,007	0,045	FALSE
0,103	0,318	0,003	0,008	0,156	FALSE
-0,139	0,311	-0,005	0,013	0,172	FALSE
0,102	0,286	0,003	0,011	0,120	FALSE
0,072	0,317	0,003	0,012	0,098	FALSE
0,091	0,307	0,004	0,013	0,106	FALSE
0,112	0,297	0,003	0,008	0,168	FALSE
0,005	0,317	0,000	0,008	0,005	FALSE
-0,047	0,318	-0,002	0,013	0,062	FALSE
-0,036	0,293	0,000	0,007	0,021	FALSE
-0,052	0,303	-0,001	0,007	0,066	FALSE
-0,113	0,301	-0,003	0,010	0,128	FALSE
-0,014	0,290	0,000	0,007	0,022	FALSE
0,161	0,298	0,004	0,008	0,234	FALSE
-0,061	0,309	-0,002	0,010	0,071	FALSE
0,042	0,309	0,001	0,007	0,040	FALSE
-0,062	0,315	-0,002	0,010	0,073	FALSE
-0,062	0,306	-0,002	0,011	0,083	FALSE
0,127	0,290	0,004	0,007	0,219	FALSE
-0,073	0,314	-0,002	0,010	0,090	FALSE
0,027	0,294	0,000	0,007	0,011	FALSE
-0,079	0,310	-0,003	0,010	0,119	FALSE
0,074	0,313	0,004	0,013	0,117	FALSE
0,028	0,314	0,002	0,012	0,052	FALSE
-0,053	0,313	-0,002	0,011	0,051	FALSE
-0,105	0,310	-0,003	0,011	0,119	FALSE
0,019	0,306	0,000	0,007	0,004	FALSE
-0,020	0,310	0,000	0,007	0,001	FALSE
0,005	0,308	0,000	0,013	0,011	FALSE
0,053	0,308	0,001	0,010	0,056	FALSE
0,042	0,324	0,001	0,011	0,042	FALSE
-0,056	0,311	-0,001	0,007	0,043	FALSE
0,117	0,304	0,004	0,008	0,186	FALSE
0,101	0,299	0,004	0,011	0,130	FALSE
0,095	0,304	0,003	0,011	0,120	FALSE
0,062	0,316	0,002	0,009	0,074	FALSE
0,025	0,297	0,000	0,012	0,009	FALSE
0,049	0,303	0,001	0,009	0,063	FALSE
-0,063	0,310	-0,001	0,007	0,076	FALSE
0,076	0,309	0,003	0,013	0,092	FALSE

-0,021	0,312	0,000	0,008	0,012	FALSE
0,119	0,304	0,003	0,006	0,184	FALSE
0,070	0,314	0,002	0,009	0,070	FALSE
-0,021	0,309	-0,001	0,009	0,060	FALSE
0,015	0,306	0,001	0,009	0,032	FALSE
-0,040	0,320	-0,001	0,013	0,035	FALSE
0,059	0,315	0,002	0,008	0,106	FALSE
-0,031	0,288	0,000	0,007	0,001	FALSE
0,101	0,303	0,002	0,006	0,096	FALSE
-0,162	0,302	-0,004	0,007	0,207	FALSE
0,227	0,288	0,010	0,013	0,377	FALSE
-0,079	0,304	-0,002	0,007	0,095	FALSE
0,068	0,312	0,003	0,013	0,090	FALSE
0,060	0,311	0,001	0,009	0,038	FALSE
0,032	0,305	0,000	0,009	0,013	FALSE
0,110	0,306	0,002	0,007	0,123	FALSE
-0,117	0,305	-0,003	0,007	0,146	FALSE
0,117	0,294	0,003	0,010	0,119	FALSE
-0,007	0,311	-0,001	0,012	0,032	FALSE
0,030	0,298	0,001	0,008	0,057	FALSE
0,098	0,309	0,004	0,012	0,119	FALSE
0,093	0,291	0,004	0,012	0,134	FALSE
0,007	0,311	0,000	0,013	0,013	FALSE
0,003	0,310	0,000	0,009	0,008	FALSE
-0,021	0,322	0,000	0,007	0,005	FALSE
0,044	0,303	0,002	0,008	0,102	FALSE
-0,047	0,300	-0,001	0,012	0,041	FALSE
-0,111	0,299	-0,002	0,006	0,135	FALSE
0,045	0,312	0,001	0,008	0,051	FALSE
0,116	0,304	0,003	0,007	0,149	FALSE
-0,022	0,306	-0,001	0,007	0,035	FALSE
-0,069	0,304	-0,002	0,008	0,111	FALSE
0,076	0,296	0,003	0,012	0,098	FALSE
-0,079	0,312	-0,001	0,007	0,070	FALSE
-0,045	0,309	-0,001	0,007	0,055	FALSE
-0,031	0,317	-0,001	0,010	0,036	FALSE
-0,053	0,325	-0,002	0,010	0,068	FALSE
0,122	0,304	0,004	0,009	0,189	FALSE
0,013	0,320	0,000	0,010	0,011	FALSE
-0,039	0,314	-0,001	0,010	0,046	FALSE
-0,019	0,317	-0,001	0,010	0,023	FALSE
-0,003	0,317	-0,001	0,010	0,018	FALSE
0,006	0,303	0,000	0,012	0,004	FALSE
0,138	0,296	0,004	0,009	0,190	FALSE
0,117	0,303	0,003	0,007	0,155	FALSE
-0,177	0,308	-0,004	0,008	0,251	FALSE
-0,070	0,297	-0,002	0,013	0,062	FALSE
-0,110	0,305	-0,005	0,012	0,159	FALSE
-0,014	0,303	0,000	0,013	0,006	FALSE
-0,115	0,308	-0,003	0,008	0,170	FALSE
0,073	0,312	0,002	0,009	0,073	FALSE
0,085	0,312	0,003	0,012	0,104	FALSE
-0,027	0,319	0,000	0,010	0,015	FALSE

-0,033	0,313	-0,001	0,012	0,023	FALSE
-0,096	0,303	-0,003	0,009	0,144	FALSE
0,046	0,302	0,002	0,011	0,079	FALSE
-0,029	0,318	0,000	0,007	0,024	FALSE
0,085	0,305	0,003	0,011	0,118	FALSE
-0,029	0,322	-0,001	0,011	0,039	FALSE
0,036	0,310	0,002	0,013	0,055	FALSE
-0,109	0,313	-0,003	0,009	0,132	FALSE
-0,045	0,313	-0,002	0,013	0,047	FALSE
0,046	0,308	0,002	0,010	0,058	FALSE
-0,050	0,313	-0,002	0,013	0,073	FALSE
-0,076	0,308	-0,003	0,013	0,094	FALSE
-0,051	0,308	-0,002	0,012	0,069	FALSE
-0,035	0,310	-0,001	0,009	0,055	FALSE
-0,057	0,292	-0,002	0,012	0,054	FALSE
-0,089	0,324	-0,003	0,011	0,088	FALSE
-0,063	0,318	-0,001	0,011	0,052	FALSE
-0,119	0,303	-0,002	0,007	0,145	FALSE
-0,046	0,316	-0,001	0,013	0,032	FALSE
-0,058	0,306	-0,002	0,012	0,047	FALSE
0,033	0,293	0,001	0,009	0,056	FALSE
-0,055	0,302	-0,001	0,007	0,069	FALSE
-0,060	0,298	-0,001	0,007	0,077	FALSE
-0,032	0,308	0,000	0,007	0,025	FALSE
0,119	0,307	0,004	0,010	0,148	FALSE
0,031	0,301	0,001	0,006	0,045	FALSE
0,046	0,307	0,001	0,010	0,024	FALSE
-0,003	0,310	0,000	0,011	0,007	FALSE
-0,023	0,305	-0,001	0,009	0,037	FALSE
-0,003	0,299	0,000	0,009	0,010	FALSE
-0,046	0,313	-0,001	0,009	0,048	FALSE
0,099	0,295	0,003	0,009	0,120	FALSE
-0,032	0,311	-0,001	0,013	0,026	FALSE
-0,005	0,314	0,000	0,009	0,008	FALSE
-0,044	0,309	-0,002	0,009	0,066	FALSE
-0,133	0,310	-0,004	0,010	0,166	FALSE
-0,153	0,286	-0,004	0,008	0,227	FALSE
-0,026	0,301	-0,001	0,009	0,048	FALSE
0,119	0,303	0,005	0,012	0,164	FALSE
-0,031	0,311	-0,001	0,009	0,054	FALSE
0,007	0,318	0,000	0,009	0,000	FALSE
-0,067	0,299	-0,003	0,011	0,092	FALSE
-0,091	0,322	-0,003	0,012	0,093	FALSE
-0,055	0,302	-0,002	0,012	0,056	FALSE
0,001	0,311	0,000	0,009	0,007	FALSE
-0,081	0,306	-0,002	0,006	0,092	FALSE
-0,070	0,307	-0,001	0,006	0,090	FALSE
-0,105	0,313	-0,004	0,011	0,131	FALSE
-0,079	0,303	-0,002	0,009	0,095	FALSE
0,043	0,303	0,002	0,011	0,062	FALSE
0,028	0,308	0,001	0,010	0,030	FALSE
-0,008	0,318	0,000	0,008	0,010	FALSE
-0,001	0,315	0,000	0,012	0,008	FALSE

0,005	0,308	0,001	0,007	0,035	FALSE
0,119	0,302	0,003	0,008	0,169	FALSE
0,007	0,318	0,000	0,009	0,011	FALSE
-0,015	0,312	0,000	0,013	0,005	FALSE
-0,033	0,294	-0,001	0,008	0,058	FALSE
0,047	0,305	0,001	0,008	0,063	FALSE
0,039	0,305	0,001	0,008	0,056	FALSE
-0,064	0,296	-0,002	0,007	0,091	FALSE
-0,078	0,297	-0,002	0,008	0,102	FALSE
0,116	0,303	0,004	0,011	0,155	FALSE
0,016	0,316	0,001	0,008	0,025	FALSE
-0,025	0,314	-0,001	0,011	0,016	FALSE
0,084	0,300	0,003	0,009	0,116	FALSE
0,031	0,307	0,001	0,011	0,027	FALSE
0,010	0,303	0,000	0,007	0,010	FALSE
-0,039	0,309	0,000	0,006	0,024	FALSE
-0,066	0,306	-0,002	0,009	0,082	FALSE
0,037	0,307	0,002	0,012	0,056	FALSE
-0,014	0,302	-0,001	0,010	0,046	FALSE
-0,027	0,313	-0,001	0,008	0,049	FALSE
0,098	0,296	0,005	0,012	0,162	FALSE
0,087	0,301	0,003	0,008	0,128	FALSE
0,048	0,306	0,002	0,008	0,074	FALSE
0,008	0,302	0,001	0,008	0,025	FALSE
0,046	0,303	0,002	0,012	0,069	FALSE
0,001	0,307	0,000	0,008	0,002	FALSE
0,005	0,307	0,000	0,012	0,005	FALSE
0,036	0,298	0,001	0,012	0,039	FALSE
0,026	0,318	0,001	0,010	0,035	FALSE
0,070	0,295	0,002	0,012	0,063	FALSE
0,045	0,301	0,001	0,008	0,030	FALSE
-0,056	0,306	-0,001	0,007	0,081	FALSE
0,026	0,317	0,001	0,011	0,045	FALSE
0,006	0,320	0,000	0,012	0,014	FALSE
-0,091	0,313	-0,002	0,008	0,125	FALSE
-0,084	0,310	-0,004	0,013	0,110	FALSE
-0,002	0,296	0,001	0,009	0,029	FALSE
0,071	0,296	0,002	0,007	0,091	FALSE
0,054	0,311	0,002	0,010	0,061	FALSE
0,060	0,315	0,002	0,010	0,067	FALSE
-0,013	0,299	0,000	0,009	0,013	FALSE
0,060	0,312	0,002	0,009	0,085	FALSE
0,056	0,321	0,002	0,010	0,080	FALSE
0,054	0,311	0,001	0,007	0,075	FALSE
-0,022	0,313	-0,001	0,012	0,035	FALSE
-0,076	0,309	-0,002	0,009	0,083	FALSE
0,066	0,309	0,002	0,008	0,085	FALSE
0,000	0,313	0,000	0,008	0,017	FALSE
0,013	0,302	0,000	0,011	0,014	FALSE
-0,077	0,315	-0,003	0,011	0,095	FALSE
0,029	0,300	0,001	0,008	0,034	FALSE
0,036	0,311	0,001	0,008	0,026	FALSE
-0,113	0,305	-0,002	0,007	0,122	FALSE

0,053	0,305	0,001	0,008	0,066	FALSE
0,015	0,298	0,000	0,008	0,004	FALSE
0,101	0,293	0,003	0,007	0,188	FALSE
-0,016	0,305	-0,001	0,010	0,030	FALSE
-0,044	0,311	-0,003	0,013	0,092	FALSE
0,073	0,308	0,002	0,010	0,086	FALSE
-0,025	0,311	-0,001	0,006	0,029	FALSE
0,080	0,329	0,002	0,010	0,082	FALSE
0,159	0,309	0,005	0,009	0,251	FALSE
-0,117	0,309	-0,002	0,007	0,140	FALSE
-0,105	0,324	-0,005	0,013	0,147	FALSE
-0,035	0,312	-0,001	0,011	0,043	FALSE
-0,068	0,317	-0,002	0,011	0,072	FALSE
0,046	0,300	0,002	0,011	0,065	FALSE
-0,024	0,314	0,000	0,008	0,010	FALSE
0,028	0,306	0,001	0,007	0,049	FALSE
-0,010	0,303	-0,001	0,010	0,025	FALSE
-0,048	0,290	-0,001	0,012	0,025	FALSE
-0,009	0,313	0,001	0,013	0,015	FALSE
-0,061	0,299	-0,002	0,012	0,048	FALSE
-0,014	0,314	0,000	0,007	0,012	FALSE
0,050	0,315	0,002	0,012	0,058	FALSE
0,009	0,322	0,000	0,010	0,004	FALSE
-0,097	0,316	-0,003	0,012	0,107	FALSE
0,039	0,314	0,001	0,007	0,047	FALSE
-0,110	0,314	-0,003	0,007	0,160	FALSE
-0,095	0,311	-0,004	0,011	0,143	FALSE
-0,152	0,314	-0,004	0,008	0,229	FALSE
-0,082	0,303	-0,002	0,007	0,118	FALSE
0,042	0,328	0,002	0,013	0,054	FALSE
0,016	0,317	0,001	0,012	0,019	FALSE
0,171	0,300	0,004	0,008	0,229	FALSE
-0,031	0,311	-0,001	0,007	0,074	FALSE
0,030	0,314	0,001	0,007	0,042	FALSE
0,058	0,314	0,002	0,007	0,084	FALSE
-0,021	0,312	0,000	0,011	0,007	FALSE
-0,080	0,310	-0,002	0,007	0,123	FALSE
-0,046	0,317	-0,001	0,008	0,040	FALSE
-0,047	0,311	-0,002	0,011	0,073	FALSE
-0,038	0,306	-0,001	0,007	0,030	FALSE
-0,002	0,315	0,000	0,009	0,003	FALSE
-0,076	0,294	-0,003	0,009	0,116	FALSE
-0,154	0,302	-0,006	0,013	0,203	FALSE
-0,023	0,306	-0,001	0,010	0,023	FALSE
-0,017	0,302	0,000	0,009	0,006	FALSE
0,085	0,300	0,004	0,012	0,140	FALSE
-0,027	0,315	-0,001	0,010	0,027	FALSE
-0,099	0,305	-0,002	0,010	0,095	FALSE
0,201	0,308	0,006	0,008	0,311	FALSE
-0,014	0,313	0,000	0,010	0,010	FALSE
-0,136	0,300	-0,004	0,009	0,173	FALSE
-0,008	0,304	0,000	0,007	0,001	FALSE
-0,067	0,313	-0,003	0,010	0,096	FALSE

-0,070	0,296	-0,003	0,010	0,111	FALSE
-0,015	0,321	0,000	0,008	0,006	FALSE
0,100	0,308	0,003	0,011	0,111	FALSE
-0,107	0,303	-0,004	0,013	0,119	FALSE
-0,075	0,315	-0,003	0,013	0,082	FALSE
-0,114	0,308	-0,004	0,012	0,139	FALSE
-0,048	0,313	-0,001	0,013	0,040	FALSE
-0,097	0,310	-0,002	0,007	0,097	FALSE
0,072	0,304	0,002	0,011	0,072	FALSE
-0,060	0,308	-0,001	0,007	0,076	FALSE
-0,168	0,275	-0,006	0,010	0,288	FALSE
0,076	0,305	0,002	0,012	0,077	FALSE
0,051	0,314	0,002	0,009	0,075	FALSE
-0,163	0,308	-0,004	0,007	0,219	FALSE
0,001	0,292	0,001	0,011	0,017	FALSE
-0,110	0,310	-0,002	0,008	0,114	FALSE
0,034	0,311	0,001	0,010	0,048	FALSE
0,054	0,304	0,002	0,013	0,065	FALSE
-0,039	0,296	0,000	0,011	0,014	FALSE
-0,017	0,307	-0,001	0,008	0,026	FALSE
-0,007	0,313	0,000	0,009	0,015	FALSE
0,038	0,315	0,001	0,010	0,032	FALSE
0,009	0,314	0,000	0,010	0,010	FALSE
-0,009	0,300	0,000	0,009	0,015	FALSE
0,047	0,313	0,002	0,010	0,078	FALSE
0,002	0,316	0,000	0,013	0,002	FALSE
0,002	0,304	0,000	0,008	0,013	FALSE
-0,018	0,322	-0,001	0,013	0,033	FALSE
0,116	0,314	0,004	0,010	0,151	FALSE
0,075	0,291	0,002	0,011	0,088	FALSE
-0,051	0,325	-0,002	0,010	0,056	FALSE
-0,096	0,304	-0,005	0,012	0,152	FALSE
-0,072	0,307	-0,003	0,010	0,122	FALSE
-0,053	0,310	-0,002	0,010	0,070	FALSE
0,070	0,320	0,003	0,010	0,100	FALSE
-0,020	0,314	-0,001	0,006	0,049	FALSE
-0,013	0,325	-0,001	0,007	0,035	FALSE
-0,032	0,318	-0,001	0,007	0,056	FALSE
-0,051	0,315	-0,002	0,007	0,088	FALSE
0,094	0,311	0,003	0,010	0,116	FALSE
0,086	0,313	0,003	0,010	0,110	FALSE
-0,022	0,307	0,000	0,009	0,018	FALSE
0,081	0,314	0,002	0,008	0,108	FALSE
0,031	0,295	0,000	0,008	0,021	FALSE
0,005	0,329	0,001	0,013	0,024	FALSE
-0,032	0,317	-0,001	0,009	0,062	FALSE
0,018	0,315	0,001	0,009	0,022	FALSE
0,007	0,311	0,000	0,009	0,014	FALSE
0,041	0,318	0,001	0,009	0,058	FALSE
0,005	0,289	-0,001	0,012	0,017	FALSE
0,034	0,303	0,001	0,012	0,015	FALSE
-0,045	0,302	-0,001	0,008	0,050	FALSE
-0,038	0,309	0,000	0,008	0,023	FALSE

-0,047	0,296	-0,002	0,010	0,059	FALSE
-0,151	0,294	-0,004	0,008	0,193	FALSE
0,051	0,319	0,002	0,013	0,063	FALSE
0,001	0,308	0,000	0,007	0,005	FALSE
0,043	0,308	0,001	0,007	0,078	FALSE
-0,008	0,320	0,000	0,007	0,004	FALSE
0,092	0,318	0,002	0,007	0,121	FALSE
0,009	0,309	0,000	0,013	0,002	FALSE
-0,005	0,318	-0,001	0,013	0,018	FALSE
0,093	0,310	0,002	0,007	0,105	FALSE
-0,061	0,318	-0,002	0,009	0,069	FALSE
0,025	0,302	0,000	0,006	0,018	FALSE
0,024	0,313	0,000	0,007	0,010	FALSE
0,022	0,327	0,000	0,007	0,020	FALSE
-0,038	0,304	-0,002	0,010	0,062	FALSE
0,073	0,294	0,002	0,008	0,106	FALSE
-0,040	0,309	-0,001	0,010	0,049	FALSE
0,029	0,316	0,000	0,011	0,001	FALSE
-0,046	0,321	-0,001	0,009	0,028	FALSE
0,010	0,302	0,000	0,006	0,012	FALSE
-0,107	0,295	-0,004	0,012	0,134	FALSE
-0,054	0,295	-0,002	0,012	0,060	FALSE
-0,031	0,298	0,000	0,007	0,014	FALSE
-0,002	0,300	0,001	0,007	0,035	FALSE
-0,116	0,293	-0,004	0,011	0,159	FALSE
-0,064	0,299	-0,002	0,011	0,075	FALSE
-0,102	0,285	-0,004	0,012	0,145	FALSE
-0,131	0,306	-0,005	0,011	0,191	FALSE
-0,153	0,286	-0,007	0,012	0,242	FALSE
-0,143	0,294	-0,006	0,013	0,206	FALSE
-0,162	0,286	-0,007	0,012	0,258	FALSE
0,060	0,299	0,002	0,009	0,085	FALSE
0,098	0,316	0,004	0,011	0,139	FALSE
0,091	0,308	0,003	0,009	0,135	FALSE
0,084	0,306	0,003	0,009	0,122	FALSE
0,046	0,298	0,002	0,012	0,065	FALSE
0,043	0,298	0,002	0,011	0,073	FALSE
0,009	0,294	0,000	0,007	0,024	FALSE
0,024	0,316	0,001	0,008	0,046	FALSE
-0,066	0,306	-0,002	0,007	0,097	FALSE
-0,062	0,308	-0,001	0,007	0,078	FALSE
0,055	0,305	0,003	0,012	0,102	FALSE
0,035	0,301	0,001	0,008	0,043	FALSE
0,048	0,316	0,003	0,011	0,094	FALSE
0,094	0,283	0,002	0,007	0,087	FALSE
0,014	0,310	-0,001	0,011	0,019	FALSE
0,039	0,293	0,001	0,007	0,073	FALSE
0,129	0,307	0,005	0,012	0,160	FALSE
0,052	0,318	0,001	0,009	0,058	FALSE
-0,089	0,287	-0,003	0,008	0,144	FALSE
-0,016	0,308	0,000	0,011	0,012	FALSE
-0,045	0,306	-0,001	0,010	0,054	FALSE
-0,065	0,321	-0,002	0,011	0,071	FALSE

-0,139	0,305	-0,003	0,007	0,193	FALSE
0,082	0,302	0,003	0,012	0,105	FALSE
-0,098	0,311	-0,002	0,007	0,124	FALSE
-0,106	0,304	-0,005	0,011	0,181	FALSE
0,052	0,301	0,001	0,009	0,058	FALSE
-0,078	0,313	-0,002	0,007	0,098	FALSE
-0,123	0,287	-0,002	0,006	0,144	FALSE
-0,015	0,302	-0,001	0,009	0,021	FALSE
-0,048	0,304	-0,002	0,009	0,063	FALSE
-0,058	0,311	-0,002	0,009	0,086	FALSE
-0,049	0,302	-0,001	0,009	0,059	FALSE
-0,047	0,292	-0,001	0,008	0,065	FALSE
-0,005	0,312	0,000	0,009	0,013	FALSE
-0,025	0,295	-0,001	0,009	0,043	FALSE
0,091	0,304	0,003	0,008	0,148	FALSE
0,005	0,312	0,000	0,013	0,013	FALSE
0,022	0,311	0,001	0,012	0,033	FALSE
0,079	0,303	0,003	0,012	0,097	FALSE
-0,111	0,293	-0,004	0,012	0,146	FALSE
0,168	0,300	0,007	0,012	0,259	FALSE
-0,132	0,306	-0,006	0,012	0,188	FALSE
-0,031	0,318	0,000	0,008	0,005	FALSE
-0,038	0,302	-0,003	0,012	0,085	FALSE
-0,022	0,314	-0,001	0,008	0,024	FALSE
0,141	0,295	0,004	0,008	0,199	FALSE
0,143	0,325	0,004	0,009	0,189	FALSE
0,024	0,309	0,001	0,010	0,039	FALSE
0,066	0,294	0,003	0,012	0,101	FALSE
-0,210	0,309	-0,009	0,013	0,308	FALSE
0,095	0,309	0,003	0,009	0,136	FALSE
-0,042	0,303	-0,001	0,007	0,062	FALSE
0,018	0,317	0,001	0,008	0,031	FALSE
0,139	0,297	0,006	0,012	0,191	FALSE
0,073	0,309	0,004	0,012	0,119	FALSE
0,066	0,310	0,002	0,007	0,078	FALSE
0,076	0,292	0,002	0,007	0,102	FALSE
-0,070	0,321	-0,002	0,011	0,068	FALSE
0,109	0,305	0,003	0,008	0,160	FALSE
0,004	0,300	0,000	0,008	0,012	FALSE
0,104	0,311	0,004	0,012	0,151	FALSE
-0,124	0,305	-0,004	0,011	0,158	FALSE
-0,003	0,301	0,000	0,008	0,011	FALSE
-0,014	0,311	0,000	0,012	0,003	FALSE
0,013	0,312	0,001	0,007	0,039	FALSE
0,123	0,315	0,003	0,009	0,152	FALSE
0,018	0,321	0,001	0,013	0,020	FALSE
-0,012	0,324	-0,001	0,013	0,014	FALSE
-0,005	0,317	0,000	0,013	0,013	FALSE
0,004	0,321	0,000	0,013	0,002	FALSE
0,021	0,309	0,001	0,013	0,025	FALSE
0,004	0,317	0,000	0,012	0,001	FALSE
0,002	0,318	0,000	0,013	0,005	FALSE
-0,015	0,310	-0,001	0,012	0,026	FALSE

-0,012	0,324	0,000	0,013	0,005	FALSE
0,008	0,318	0,001	0,013	0,015	FALSE
-0,001	0,309	0,000	0,012	0,002	FALSE
-0,013	0,332	-0,001	0,013	0,021	FALSE
-0,024	0,306	-0,001	0,012	0,033	FALSE
-0,015	0,314	-0,001	0,012	0,019	FALSE
0,006	0,333	0,000	0,013	0,009	FALSE
-0,009	0,308	-0,001	0,013	0,016	FALSE
-0,018	0,332	-0,001	0,013	0,022	FALSE
-0,015	0,324	-0,001	0,013	0,020	FALSE
-0,015	0,318	-0,001	0,013	0,014	FALSE
-0,006	0,321	0,000	0,013	0,011	FALSE
0,019	0,307	0,000	0,012	0,011	FALSE
-0,014	0,313	-0,001	0,013	0,023	FALSE
-0,011	0,325	-0,001	0,014	0,016	FALSE
-0,011	0,320	-0,001	0,013	0,020	FALSE
-0,005	0,329	0,000	0,013	0,011	FALSE
-0,042	0,320	-0,002	0,013	0,045	FALSE
0,000	0,323	0,000	0,013	0,000	FALSE
-0,002	0,333	0,000	0,013	0,004	FALSE
-0,007	0,308	-0,001	0,012	0,018	FALSE
0,037	0,317	0,001	0,013	0,038	FALSE
0,015	0,296	0,001	0,012	0,023	FALSE
0,002	0,304	0,000	0,008	0,003	FALSE
0,018	0,303	0,000	0,008	0,017	FALSE
0,043	0,310	0,001	0,007	0,039	FALSE
0,043	0,306	0,002	0,012	0,049	FALSE
0,016	0,307	0,000	0,009	0,015	FALSE
-0,017	0,307	-0,001	0,012	0,022	FALSE
0,021	0,323	0,001	0,013	0,030	FALSE
-0,016	0,325	-0,001	0,013	0,030	FALSE
0,004	0,312	0,000	0,013	0,006	FALSE
0,022	0,319	0,001	0,013	0,018	FALSE
0,012	0,316	0,000	0,013	0,011	FALSE
0,002	0,320	0,000	0,013	0,005	FALSE
-0,004	0,321	0,000	0,013	0,001	FALSE
0,030	0,313	0,001	0,013	0,032	FALSE
0,018	0,306	0,001	0,013	0,020	FALSE
-0,021	0,325	-0,001	0,013	0,026	FALSE
0,006	0,332	0,000	0,013	0,003	FALSE
-0,026	0,306	-0,001	0,013	0,039	FALSE
0,005	0,315	0,000	0,012	0,013	FALSE
-0,017	0,316	-0,001	0,013	0,023	FALSE
0,006	0,303	0,000	0,013	0,000	FALSE
0,015	0,329	0,000	0,013	0,012	FALSE
-0,017	0,320	-0,001	0,013	0,022	FALSE
0,001	0,327	0,000	0,013	0,001	FALSE
0,000	0,304	0,000	0,012	0,004	FALSE
-0,001	0,317	0,000	0,013	0,001	FALSE
0,006	0,321	0,000	0,009	0,003	FALSE
-0,031	0,305	-0,001	0,009	0,048	FALSE
-0,055	0,310	-0,002	0,009	0,081	FALSE
-0,038	0,302	-0,001	0,009	0,056	FALSE

-0,053	0,303	-0,002	0,009	0,064	FALSE
-0,028	0,308	-0,001	0,009	0,038	FALSE
-0,002	0,288	0,000	0,012	0,008	FALSE
-0,021	0,323	-0,001	0,013	0,026	FALSE
0,030	0,298	0,002	0,013	0,050	FALSE
-0,025	0,320	-0,001	0,013	0,030	FALSE
0,012	0,307	0,000	0,013	0,008	FALSE
-0,023	0,319	-0,001	0,013	0,034	FALSE
0,010	0,310	0,000	0,013	0,001	FALSE
0,007	0,321	0,000	0,013	0,012	FALSE
0,018	0,316	0,000	0,013	0,008	FALSE
0,006	0,324	0,000	0,009	0,009	FALSE
0,006	0,309	0,001	0,012	0,017	FALSE
0,004	0,318	0,000	0,013	0,004	FALSE
0,015	0,322	0,001	0,013	0,018	FALSE
-0,004	0,316	0,000	0,012	0,001	FALSE
-0,022	0,319	-0,001	0,013	0,021	FALSE
0,007	0,317	0,000	0,013	0,003	FALSE
0,010	0,331	0,000	0,013	0,004	FALSE
-0,012	0,309	-0,001	0,012	0,022	FALSE
0,028	0,332	0,001	0,014	0,019	FALSE
-0,004	0,324	0,000	0,013	0,005	FALSE
-0,003	0,326	0,000	0,013	0,000	FALSE
0,012	0,325	0,000	0,013	0,011	FALSE
-0,007	0,313	-0,001	0,013	0,015	FALSE
-0,014	0,322	-0,001	0,013	0,014	FALSE
0,000	0,310	0,000	0,013	0,010	FALSE
0,019	0,325	0,001	0,013	0,019	FALSE
-0,009	0,336	0,000	0,014	0,006	FALSE
0,009	0,328	0,000	0,013	0,008	FALSE
-0,027	0,322	-0,001	0,013	0,040	FALSE
0,007	0,321	0,000	0,013	0,008	FALSE
-0,107	0,306	-0,003	0,007	0,166	FALSE
0,121	0,300	0,004	0,010	0,151	FALSE
-0,122	0,289	-0,004	0,007	0,217	FALSE
0,010	0,314	0,000	0,013	0,006	FALSE
-0,047	0,316	-0,002	0,012	0,060	FALSE
0,014	0,310	0,000	0,012	0,009	FALSE
0,006	0,324	0,000	0,013	0,002	FALSE
-0,007	0,322	-0,001	0,013	0,014	FALSE
0,008	0,315	0,000	0,013	0,006	FALSE
-0,009	0,327	0,000	0,014	0,006	FALSE
-0,006	0,319	0,000	0,013	0,001	FALSE
-0,016	0,303	-0,001	0,012	0,026	FALSE
-0,001	0,323	0,000	0,013	0,002	FALSE
0,153	0,310	0,004	0,008	0,212	FALSE
0,024	0,316	0,000	0,009	0,015	FALSE
-0,053	0,315	-0,003	0,012	0,091	FALSE
-0,031	0,315	-0,001	0,013	0,035	FALSE
0,004	0,329	0,000	0,013	0,005	FALSE
0,015	0,320	0,000	0,013	0,007	FALSE
-0,024	0,329	-0,001	0,013	0,025	FALSE
-0,016	0,304	-0,001	0,013	0,019	FALSE

0,003	0,320	0,000	0,013	0,003	FALSE
-0,009	0,306	-0,001	0,012	0,025	FALSE
0,003	0,311	0,001	0,007	0,030	FALSE
-0,003	0,310	0,000	0,011	0,006	FALSE
0,015	0,303	0,001	0,012	0,026	FALSE
0,085	0,314	0,002	0,009	0,089	FALSE
-0,005	0,311	-0,001	0,008	0,030	FALSE
-0,007	0,323	-0,001	0,013	0,014	FALSE
0,000	0,310	0,000	0,012	0,000	FALSE
0,002	0,323	0,000	0,013	0,002	FALSE
-0,011	0,303	0,000	0,013	0,006	FALSE
-0,009	0,313	0,000	0,013	0,012	FALSE
0,072	0,294	0,002	0,006	0,122	FALSE
0,013	0,305	0,001	0,011	0,027	FALSE
0,069	0,303	0,002	0,011	0,072	FALSE
0,022	0,303	0,001	0,006	0,040	FALSE
-0,009	0,294	0,001	0,008	0,037	FALSE
0,123	0,302	0,005	0,013	0,162	FALSE
-0,136	0,300	-0,005	0,010	0,202	FALSE
0,031	0,310	0,001	0,007	0,040	FALSE
0,034	0,311	0,001	0,013	0,032	FALSE
-0,049	0,308	-0,003	0,013	0,083	FALSE
-0,176	0,296	-0,008	0,013	0,261	FALSE
0,043	0,306	0,002	0,012	0,059	FALSE
-0,075	0,295	-0,004	0,011	0,127	FALSE
0,029	0,302	0,002	0,012	0,046	FALSE
-0,104	0,303	-0,004	0,010	0,152	FALSE
-0,091	0,322	-0,003	0,011	0,114	FALSE
0,022	0,309	0,002	0,011	0,051	FALSE
0,106	0,296	0,004	0,011	0,131	FALSE
-0,007	0,300	0,000	0,009	0,019	FALSE
-0,003	0,318	0,000	0,013	0,004	FALSE
-0,014	0,297	0,000	0,011	0,001	FALSE
-0,002	0,312	0,000	0,013	0,000	FALSE
0,010	0,323	0,000	0,013	0,009	FALSE
-0,007	0,314	0,000	0,013	0,011	FALSE
-0,032	0,305	-0,001	0,012	0,043	FALSE
0,014	0,318	0,001	0,013	0,019	FALSE
0,000	0,317	0,000	0,013	0,001	FALSE
-0,022	0,325	-0,001	0,013	0,037	FALSE
-0,013	0,322	0,000	0,013	0,013	FALSE
-0,017	0,320	-0,001	0,013	0,025	FALSE
-0,013	0,326	0,000	0,013	0,012	FALSE
-0,015	0,321	-0,001	0,013	0,020	FALSE
-0,004	0,320	0,000	0,013	0,011	FALSE
0,094	0,307	0,003	0,009	0,115	FALSE
-0,046	0,308	-0,001	0,009	0,036	FALSE
-0,071	0,302	-0,002	0,009	0,074	FALSE
-0,072	0,330	-0,003	0,012	0,090	FALSE
-0,051	0,301	-0,002	0,010	0,097	FALSE
0,060	0,303	0,001	0,007	0,059	FALSE
-0,081	0,305	-0,001	0,006	0,086	FALSE
0,125	0,302	0,006	0,012	0,191	FALSE

-0,003	0,305	0,000	0,007	0,002	FALSE
-0,027	0,312	-0,001	0,008	0,052	FALSE
0,045	0,302	0,001	0,007	0,038	FALSE
-0,008	0,321	0,000	0,013	0,007	FALSE
0,024	0,322	0,001	0,008	0,023	FALSE
-0,079	0,299	-0,002	0,010	0,061	FALSE
0,023	0,310	0,001	0,011	0,018	FALSE
-0,034	0,314	-0,001	0,009	0,049	FALSE
0,211	0,291	0,005	0,007	0,368	FALSE
-0,011	0,304	0,000	0,009	0,005	FALSE
0,266	0,277	0,007	0,008	0,465	FALSE
-0,102	0,289	-0,003	0,008	0,174	FALSE
-0,033	0,310	0,000	0,010	0,002	FALSE
0,000	0,321	0,000	0,013	0,009	FALSE
-0,022	0,320	-0,001	0,013	0,041	FALSE
0,036	0,302	0,001	0,007	0,060	FALSE
0,011	0,318	0,000	0,013	0,006	FALSE
0,009	0,310	0,000	0,013	0,008	FALSE
-0,009	0,331	-0,001	0,014	0,021	FALSE
0,036	0,313	0,001	0,013	0,034	FALSE
-0,006	0,323	-0,001	0,013	0,016	FALSE
0,032	0,325	0,001	0,013	0,038	FALSE
0,034	0,309	0,001	0,013	0,038	FALSE
-0,009	0,301	0,000	0,007	0,002	FALSE
-0,059	0,289	-0,003	0,012	0,101	FALSE
-0,008	0,292	-0,001	0,009	0,025	FALSE
-0,050	0,300	-0,001	0,009	0,051	FALSE
-0,101	0,298	-0,003	0,008	0,160	FALSE
-0,053	0,316	-0,001	0,007	0,070	FALSE
0,181	0,302	0,008	0,013	0,285	FALSE
0,097	0,304	0,002	0,006	0,150	FALSE
0,104	0,311	0,002	0,006	0,145	FALSE
-0,049	0,301	-0,001	0,007	0,056	FALSE
-0,111	0,290	-0,005	0,012	0,170	FALSE
0,110	0,295	0,003	0,010	0,124	FALSE
-0,042	0,319	-0,002	0,013	0,042	FALSE
0,001	0,308	0,000	0,013	0,003	FALSE
-0,049	0,314	-0,002	0,013	0,061	FALSE
-0,048	0,318	-0,002	0,013	0,045	FALSE
-0,048	0,322	-0,002	0,013	0,046	FALSE
-0,047	0,316	-0,002	0,013	0,049	FALSE
-0,097	0,301	-0,002	0,007	0,117	FALSE
0,053	0,315	0,002	0,013	0,049	FALSE
0,113	0,310	0,003	0,008	0,158	FALSE
-0,047	0,305	-0,001	0,011	0,040	FALSE
0,079	0,303	0,002	0,011	0,067	FALSE
-0,001	0,298	0,000	0,009	0,018	FALSE
-0,029	0,296	-0,001	0,008	0,046	FALSE
0,115	0,306	0,005	0,012	0,152	FALSE
-0,061	0,312	-0,002	0,006	0,100	FALSE
-0,103	0,314	-0,003	0,007	0,143	FALSE
-0,027	0,302	-0,002	0,013	0,052	FALSE
-0,031	0,297	-0,002	0,012	0,057	FALSE

0,113	0,291	0,004	0,012	0,136	FALSE
0,005	0,323	0,001	0,010	0,022	FALSE
0,021	0,307	0,001	0,013	0,023	FALSE
-0,066	0,301	-0,003	0,012	0,102	FALSE
-0,102	0,319	-0,003	0,011	0,116	FALSE
-0,063	0,303	-0,002	0,009	0,093	FALSE
0,073	0,296	0,004	0,012	0,113	FALSE
0,079	0,302	0,003	0,011	0,088	FALSE
-0,063	0,304	-0,002	0,012	0,047	FALSE
-0,079	0,308	-0,002	0,012	0,068	FALSE
-0,045	0,293	-0,001	0,011	0,021	FALSE
-0,070	0,318	-0,002	0,012	0,060	FALSE
0,046	0,317	0,002	0,011	0,065	FALSE
0,068	0,313	0,003	0,012	0,082	FALSE
0,005	0,302	0,001	0,006	0,031	FALSE
-0,002	0,311	0,000	0,007	0,005	FALSE
0,081	0,311	0,003	0,012	0,108	FALSE
-0,041	0,319	-0,001	0,007	0,053	FALSE
0,043	0,316	0,001	0,013	0,035	FALSE
0,040	0,316	0,003	0,012	0,080	FALSE
-0,083	0,313	-0,002	0,009	0,086	FALSE
0,066	0,305	0,002	0,011	0,058	FALSE
0,017	0,315	0,000	0,011	0,001	FALSE
0,072	0,320	0,004	0,013	0,116	FALSE
0,016	0,307	0,000	0,011	0,013	FALSE
-0,035	0,316	0,000	0,010	0,011	FALSE
-0,076	0,300	-0,002	0,008	0,117	FALSE
-0,067	0,304	-0,002	0,009	0,092	FALSE
-0,050	0,305	-0,002	0,011	0,066	FALSE
-0,046	0,317	-0,002	0,012	0,057	FALSE
0,010	0,304	0,001	0,012	0,014	FALSE
-0,016	0,293	0,000	0,010	0,017	FALSE
-0,106	0,305	-0,004	0,012	0,143	FALSE
-0,111	0,312	-0,002	0,007	0,131	FALSE
-0,098	0,289	-0,002	0,006	0,114	FALSE
-0,110	0,310	-0,002	0,007	0,127	FALSE
-0,112	0,313	-0,003	0,009	0,137	FALSE
0,065	0,296	0,001	0,011	0,043	FALSE
-0,027	0,302	0,000	0,006	0,021	FALSE
0,001	0,310	0,000	0,007	0,010	FALSE
0,050	0,311	0,001	0,012	0,027	FALSE
-0,053	0,313	-0,001	0,009	0,044	FALSE
0,040	0,328	0,001	0,008	0,049	FALSE
0,025	0,317	0,000	0,013	0,012	FALSE
-0,024	0,320	-0,001	0,010	0,047	FALSE
0,067	0,310	0,001	0,009	0,052	FALSE
0,014	0,304	0,001	0,008	0,025	FALSE
0,097	0,316	0,003	0,013	0,099	FALSE
0,145	0,305	0,004	0,007	0,238	FALSE
-0,014	0,309	0,000	0,009	0,003	FALSE
0,012	0,309	0,001	0,008	0,032	FALSE
-0,005	0,311	0,000	0,008	0,010	FALSE
-0,050	0,309	-0,002	0,010	0,061	FALSE

-0,035	0,303	-0,001	0,009	0,049	FALSE
0,070	0,302	0,002	0,008	0,100	FALSE
0,078	0,290	0,003	0,007	0,142	FALSE
0,092	0,311	0,002	0,007	0,111	FALSE
0,147	0,301	0,003	0,007	0,186	FALSE
-0,052	0,308	-0,001	0,009	0,042	FALSE
0,164	0,303	0,003	0,007	0,197	FALSE
0,028	0,288	0,000	0,012	0,001	FALSE
-0,091	0,304	-0,003	0,009	0,147	FALSE
0,092	0,310	0,003	0,010	0,120	FALSE
-0,144	0,306	-0,006	0,013	0,200	FALSE
-0,009	0,307	0,000	0,009	0,000	FALSE
-0,119	0,320	-0,002	0,006	0,151	FALSE
0,191	0,283	0,006	0,009	0,288	FALSE
0,022	0,300	0,000	0,006	0,025	FALSE
0,104	0,296	0,004	0,010	0,142	FALSE
-0,057	0,324	-0,002	0,012	0,055	FALSE
0,135	0,314	0,004	0,011	0,165	FALSE
0,116	0,319	0,004	0,011	0,141	FALSE
-0,102	0,314	-0,003	0,012	0,110	FALSE
-0,124	0,310	-0,004	0,012	0,138	FALSE
-0,115	0,298	-0,003	0,007	0,149	FALSE
-0,093	0,310	-0,003	0,012	0,093	FALSE
0,015	0,306	0,001	0,009	0,030	FALSE
-0,110	0,311	-0,003	0,012	0,111	FALSE
-0,107	0,304	-0,003	0,011	0,123	FALSE
0,181	0,298	0,006	0,010	0,247	FALSE
-0,093	0,318	-0,003	0,012	0,101	FALSE
-0,143	0,312	-0,004	0,009	0,170	FALSE
-0,094	0,307	-0,003	0,011	0,116	FALSE
-0,004	0,301	0,000	0,012	0,009	FALSE
0,065	0,327	0,003	0,011	0,102	FALSE
0,056	0,306	0,002	0,012	0,058	FALSE
0,054	0,307	0,001	0,007	0,078	FALSE
-0,037	0,304	-0,001	0,008	0,052	FALSE
0,064	0,315	0,002	0,008	0,082	FALSE
-0,050	0,303	0,000	0,011	0,006	FALSE
-0,013	0,311	-0,002	0,013	0,062	FALSE
0,050	0,302	0,001	0,013	0,021	FALSE
0,188	0,300	0,004	0,007	0,269	FALSE
0,044	0,305	0,002	0,011	0,065	FALSE
-0,099	0,322	-0,004	0,013	0,131	FALSE
-0,033	0,302	-0,001	0,007	0,047	FALSE
0,093	0,310	0,003	0,013	0,102	FALSE
0,190	0,284	0,008	0,011	0,332	FALSE
-0,018	0,315	0,000	0,007	0,005	FALSE
-0,024	0,314	-0,002	0,012	0,053	FALSE
0,022	0,316	0,001	0,010	0,024	FALSE
-0,015	0,304	-0,001	0,007	0,029	FALSE
0,106	0,308	0,005	0,012	0,155	FALSE
0,089	0,315	0,003	0,012	0,101	FALSE
0,110	0,315	0,004	0,011	0,164	FALSE
-0,094	0,291	-0,004	0,012	0,120	FALSE

0,098	0,290	0,004	0,010	0,167	FALSE
-0,077	0,309	-0,004	0,013	0,112	FALSE
-0,024	0,312	-0,001	0,008	0,042	FALSE
-0,010	0,305	-0,001	0,009	0,041	FALSE
-0,040	0,306	-0,001	0,010	0,042	FALSE
-0,032	0,315	-0,001	0,008	0,044	FALSE
-0,036	0,316	-0,002	0,013	0,045	FALSE
-0,010	0,317	0,000	0,007	0,016	FALSE
-0,038	0,325	-0,002	0,013	0,047	FALSE
-0,025	0,301	-0,001	0,010	0,019	FALSE
-0,026	0,300	0,000	0,010	0,011	FALSE
-0,053	0,304	-0,001	0,006	0,056	FALSE
-0,036	0,305	-0,001	0,010	0,035	FALSE
-0,031	0,323	-0,001	0,010	0,029	FALSE
-0,044	0,331	-0,001	0,012	0,039	FALSE
0,006	0,300	-0,001	0,011	0,023	FALSE
0,009	0,318	0,001	0,009	0,051	FALSE
-0,004	0,305	0,001	0,009	0,023	FALSE
-0,126	0,301	-0,003	0,007	0,161	FALSE
-0,043	0,305	-0,001	0,012	0,020	FALSE
0,077	0,321	0,002	0,010	0,077	FALSE
0,073	0,318	0,002	0,008	0,106	FALSE
-0,093	0,308	-0,003	0,010	0,128	FALSE
-0,079	0,294	-0,003	0,012	0,103	FALSE
0,084	0,300	0,003	0,010	0,128	FALSE
-0,007	0,319	0,000	0,013	0,005	FALSE
-0,078	0,322	-0,002	0,007	0,094	FALSE
0,099	0,312	0,004	0,012	0,150	FALSE
-0,030	0,311	-0,001	0,010	0,033	FALSE
-0,010	0,326	0,000	0,007	0,018	FALSE
-0,015	0,306	0,000	0,010	0,014	FALSE
-0,016	0,302	-0,001	0,009	0,021	FALSE
0,093	0,306	0,002	0,007	0,115	FALSE
0,136	0,301	0,004	0,009	0,176	FALSE
-0,012	0,321	0,000	0,009	0,003	FALSE
0,049	0,290	0,002	0,008	0,078	FALSE
-0,048	0,302	-0,001	0,009	0,063	FALSE
0,041	0,307	0,001	0,013	0,024	FALSE
-0,024	0,323	-0,001	0,012	0,027	FALSE
0,039	0,307	0,001	0,012	0,043	FALSE
0,042	0,323	0,001	0,013	0,026	FALSE
0,058	0,294	0,001	0,009	0,033	FALSE
-0,047	0,296	-0,001	0,011	0,030	FALSE
-0,177	0,305	-0,005	0,010	0,193	FALSE
-0,085	0,303	-0,002	0,008	0,108	FALSE
0,082	0,300	0,001	0,009	0,052	FALSE
0,051	0,304	0,000	0,010	0,012	FALSE
0,045	0,307	0,000	0,010	0,013	FALSE
-0,172	0,289	-0,003	0,006	0,250	FALSE
0,127	0,301	0,006	0,012	0,196	FALSE
-0,179	0,295	-0,004	0,007	0,276	FALSE
-0,146	0,302	-0,003	0,007	0,205	FALSE
0,103	0,318	0,003	0,009	0,130	FALSE

-0,124	0,307	-0,003	0,008	0,155	FALSE
-0,106	0,311	-0,003	0,008	0,130	FALSE
-0,091	0,312	-0,002	0,008	0,117	FALSE
0,138	0,311	0,005	0,010	0,195	FALSE
0,135	0,306	0,004	0,009	0,195	FALSE
0,161	0,307	0,005	0,010	0,217	FALSE
0,128	0,310	0,004	0,010	0,175	FALSE
0,054	0,304	0,002	0,013	0,045	FALSE
0,073	0,312	0,002	0,013	0,057	FALSE
-0,152	0,310	-0,006	0,013	0,212	FALSE
0,145	0,293	0,003	0,006	0,214	FALSE
0,214	0,307	0,004	0,007	0,247	FALSE
0,202	0,300	0,008	0,013	0,276	FALSE
-0,133	0,294	-0,002	0,006	0,154	FALSE
0,067	0,306	0,003	0,011	0,099	FALSE
0,058	0,303	0,003	0,011	0,087	FALSE
0,064	0,318	0,002	0,007	0,119	FALSE
-0,032	0,312	-0,001	0,007	0,046	FALSE
0,085	0,307	0,002	0,007	0,114	FALSE
-0,190	0,298	-0,008	0,012	0,279	FALSE
-0,061	0,303	-0,001	0,007	0,068	FALSE
-0,091	0,310	-0,003	0,010	0,127	FALSE
-0,065	0,305	-0,002	0,010	0,079	FALSE
0,101	0,307	0,003	0,011	0,124	FALSE
-0,006	0,292	0,000	0,013	0,013	FALSE
-0,075	0,299	-0,003	0,010	0,111	FALSE
0,001	0,313	0,000	0,007	0,023	FALSE
0,043	0,301	0,002	0,013	0,054	FALSE
0,123	0,299	0,003	0,008	0,152	FALSE
0,047	0,312	0,001	0,008	0,044	FALSE
-0,144	0,311	-0,004	0,009	0,200	FALSE
-0,019	0,304	-0,001	0,011	0,025	FALSE
0,046	0,318	0,003	0,013	0,072	FALSE
-0,017	0,301	0,000	0,012	0,012	FALSE
-0,081	0,304	-0,004	0,011	0,130	FALSE
-0,095	0,314	-0,004	0,011	0,141	FALSE
-0,020	0,314	0,000	0,012	0,010	FALSE
-0,093	0,303	-0,005	0,012	0,176	FALSE
0,034	0,314	0,001	0,013	0,014	FALSE
-0,018	0,303	0,000	0,010	0,014	FALSE
-0,051	0,309	-0,002	0,007	0,092	FALSE
-0,047	0,294	-0,001	0,012	0,023	FALSE
-0,045	0,302	-0,001	0,012	0,031	FALSE
-0,064	0,298	-0,002	0,009	0,090	FALSE
-0,113	0,313	-0,004	0,010	0,142	FALSE
-0,131	0,302	-0,006	0,013	0,180	FALSE
-0,183	0,312	-0,007	0,011	0,260	FALSE
0,007	0,306	0,001	0,009	0,038	FALSE
0,057	0,309	0,001	0,013	0,033	FALSE
0,123	0,317	0,003	0,009	0,123	FALSE
-0,035	0,299	-0,001	0,012	0,046	FALSE
-0,060	0,313	-0,003	0,012	0,080	FALSE
0,144	0,311	0,004	0,010	0,177	FALSE

-0,028	0,307	-0,002	0,012	0,057	FALSE
-0,016	0,293	0,000	0,006	0,018	FALSE
-0,072	0,312	-0,002	0,013	0,055	FALSE
-0,030	0,300	0,000	0,012	0,007	FALSE
-0,058	0,325	-0,001	0,010	0,040	FALSE
0,114	0,301	0,003	0,007	0,161	FALSE
0,055	0,320	0,002	0,012	0,075	FALSE
0,021	0,295	0,000	0,008	0,002	FALSE
0,099	0,306	0,003	0,010	0,118	FALSE
0,021	0,289	0,000	0,007	0,004	FALSE
0,021	0,295	0,000	0,007	0,008	FALSE
-0,161	0,303	-0,003	0,007	0,194	FALSE
-0,088	0,308	-0,003	0,010	0,110	FALSE
-0,095	0,320	-0,003	0,011	0,110	FALSE
-0,105	0,308	-0,003	0,010	0,117	FALSE
0,130	0,304	0,002	0,006	0,150	FALSE
-0,015	0,300	-0,001	0,008	0,029	FALSE
-0,105	0,305	-0,004	0,012	0,129	FALSE
-0,089	0,306	-0,003	0,012	0,108	FALSE
-0,095	0,305	-0,003	0,011	0,107	FALSE
-0,041	0,314	0,000	0,006	0,023	FALSE
-0,082	0,309	-0,001	0,007	0,069	FALSE
-0,145	0,314	-0,005	0,012	0,167	FALSE
-0,009	0,302	-0,001	0,012	0,019	FALSE
-0,043	0,313	0,000	0,007	0,011	FALSE
0,043	0,301	0,002	0,011	0,066	FALSE
0,006	0,303	-0,001	0,013	0,024	FALSE
-0,045	0,312	-0,002	0,011	0,058	FALSE
-0,072	0,314	-0,002	0,011	0,073	FALSE
-0,047	0,304	-0,002	0,009	0,077	FALSE
0,210	0,306	0,006	0,009	0,329	FALSE
-0,017	0,308	0,000	0,007	0,016	FALSE
0,003	0,298	0,000	0,008	0,016	FALSE
0,028	0,294	0,001	0,009	0,037	FALSE
0,112	0,310	0,004	0,012	0,147	FALSE
-0,042	0,313	-0,001	0,008	0,055	FALSE
-0,136	0,311	-0,004	0,010	0,161	FALSE
0,007	0,314	0,000	0,012	0,009	FALSE
0,119	0,311	0,004	0,010	0,176	FALSE
-0,041	0,311	-0,002	0,012	0,074	FALSE
0,010	0,300	0,000	0,008	0,011	FALSE
-0,072	0,313	-0,003	0,011	0,098	FALSE
0,021	0,311	0,001	0,012	0,019	FALSE
-0,050	0,321	-0,001	0,008	0,069	FALSE
-0,015	0,311	-0,001	0,013	0,020	FALSE
-0,002	0,305	0,000	0,012	0,007	FALSE
-0,056	0,309	-0,002	0,011	0,055	FALSE
0,024	0,311	0,001	0,010	0,036	FALSE
-0,115	0,314	-0,004	0,012	0,136	FALSE
0,078	0,314	0,004	0,011	0,126	FALSE
-0,027	0,308	-0,001	0,011	0,022	FALSE
-0,044	0,305	-0,001	0,011	0,036	FALSE
-0,001	0,312	0,000	0,010	0,003	FALSE

0,045	0,310	0,002	0,010	0,065	FALSE
0,033	0,318	0,002	0,013	0,044	FALSE
0,023	0,314	0,001	0,008	0,024	FALSE
-0,086	0,306	-0,002	0,009	0,110	FALSE
0,076	0,308	0,002	0,007	0,082	FALSE
0,073	0,301	0,002	0,009	0,106	FALSE
0,071	0,318	0,002	0,008	0,074	FALSE
0,008	0,300	0,001	0,008	0,039	FALSE
0,023	0,309	0,001	0,008	0,033	FALSE
0,075	0,313	0,002	0,010	0,080	FALSE
0,078	0,320	0,002	0,010	0,093	FALSE
-0,064	0,302	-0,002	0,008	0,104	FALSE
-0,056	0,309	-0,002	0,009	0,091	FALSE
-0,073	0,315	-0,003	0,011	0,107	FALSE
-0,048	0,307	-0,002	0,009	0,087	FALSE
-0,082	0,316	-0,002	0,008	0,092	FALSE
-0,069	0,327	-0,003	0,009	0,114	FALSE
0,013	0,293	-0,001	0,013	0,031	FALSE
0,058	0,313	0,002	0,008	0,108	FALSE
0,072	0,291	0,002	0,012	0,066	FALSE
0,058	0,297	0,002	0,012	0,053	FALSE
0,046	0,305	0,001	0,012	0,035	FALSE
0,044	0,304	0,002	0,009	0,074	FALSE
-0,005	0,314	0,000	0,012	0,008	FALSE
0,120	0,320	0,004	0,008	0,178	FALSE
0,051	0,313	0,002	0,010	0,076	FALSE
0,054	0,311	0,001	0,012	0,046	FALSE
-0,033	0,300	0,000	0,012	0,013	FALSE
0,067	0,305	0,002	0,009	0,065	FALSE
-0,111	0,302	-0,003	0,007	0,160	FALSE
-0,029	0,324	-0,002	0,013	0,055	FALSE
0,029	0,313	0,002	0,012	0,078	FALSE
-0,119	0,301	-0,003	0,007	0,188	FALSE
0,001	0,298	-0,001	0,010	0,036	FALSE
0,061	0,310	0,003	0,012	0,095	FALSE
0,026	0,320	0,001	0,007	0,029	FALSE
0,138	0,305	0,005	0,011	0,172	FALSE
-0,018	0,303	0,000	0,006	0,007	FALSE
-0,045	0,319	-0,001	0,007	0,085	FALSE
-0,072	0,305	-0,002	0,011	0,089	FALSE
-0,075	0,300	-0,002	0,007	0,087	FALSE
-0,296	0,296	-0,008	0,008	0,467	FALSE
-0,057	0,309	-0,002	0,009	0,088	FALSE
0,039	0,302	0,002	0,013	0,056	FALSE
0,043	0,317	0,002	0,013	0,052	FALSE
-0,001	0,322	0,000	0,007	0,011	FALSE
0,010	0,320	0,000	0,013	0,002	FALSE
-0,064	0,309	-0,002	0,011	0,077	FALSE
-0,064	0,303	-0,002	0,008	0,119	FALSE
-0,137	0,300	-0,004	0,007	0,215	FALSE
-0,174	0,304	-0,005	0,008	0,269	FALSE
-0,144	0,297	-0,005	0,009	0,250	FALSE
-0,038	0,309	-0,001	0,009	0,035	FALSE

-0,072	0,308	-0,002	0,010	0,067	FALSE
0,026	0,315	0,001	0,007	0,042	FALSE
0,085	0,315	0,002	0,007	0,115	FALSE
0,034	0,310	0,001	0,007	0,057	FALSE
-0,047	0,317	-0,001	0,007	0,058	FALSE
-0,059	0,317	-0,001	0,007	0,060	FALSE
-0,017	0,314	-0,001	0,013	0,034	FALSE
-0,037	0,299	-0,001	0,007	0,067	FALSE
0,082	0,303	0,003	0,009	0,123	FALSE
-0,069	0,312	-0,002	0,009	0,082	FALSE
-0,010	0,311	0,000	0,009	0,013	FALSE
-0,177	0,304	-0,004	0,007	0,244	FALSE
0,049	0,317	0,001	0,008	0,053	FALSE
-0,020	0,309	-0,001	0,009	0,029	FALSE
0,007	0,317	0,000	0,012	0,005	FALSE
0,039	0,319	0,001	0,011	0,046	FALSE
0,037	0,312	0,002	0,012	0,053	FALSE
0,089	0,303	0,003	0,009	0,129	FALSE
-0,207	0,305	-0,009	0,013	0,288	FALSE
0,099	0,305	0,004	0,013	0,107	FALSE
0,126	0,308	0,003	0,006	0,168	FALSE
-0,094	0,304	-0,002	0,011	0,080	FALSE
-0,023	0,297	0,000	0,009	0,012	FALSE
0,129	0,305	0,003	0,008	0,148	FALSE
0,048	0,297	0,002	0,013	0,073	FALSE
0,053	0,310	0,002	0,011	0,060	FALSE
0,139	0,291	0,005	0,011	0,184	FALSE
-0,053	0,307	-0,002	0,007	0,086	FALSE
-0,027	0,303	-0,001	0,007	0,032	FALSE
0,072	0,306	0,002	0,007	0,106	FALSE
-0,101	0,295	-0,003	0,008	0,130	FALSE
-0,106	0,310	-0,003	0,008	0,130	FALSE
0,115	0,312	0,003	0,011	0,113	FALSE
-0,012	0,313	0,000	0,012	0,014	FALSE
-0,074	0,307	-0,002	0,008	0,091	FALSE
-0,099	0,320	-0,002	0,008	0,104	FALSE
-0,134	0,321	-0,003	0,008	0,161	FALSE
-0,043	0,326	-0,001	0,008	0,065	FALSE
0,138	0,314	0,003	0,010	0,138	FALSE
-0,022	0,310	0,000	0,009	0,016	FALSE
-0,008	0,321	0,000	0,011	0,004	FALSE
-0,098	0,302	-0,004	0,013	0,116	FALSE
-0,060	0,307	-0,002	0,007	0,093	FALSE
-0,054	0,314	-0,001	0,007	0,039	FALSE
-0,082	0,316	-0,003	0,010	0,113	FALSE
-0,121	0,316	-0,005	0,012	0,160	FALSE
-0,052	0,306	-0,001	0,008	0,023	FALSE
-0,073	0,300	-0,001	0,008	0,055	FALSE
-0,075	0,321	-0,001	0,008	0,054	FALSE
-0,044	0,314	0,000	0,008	0,015	FALSE
-0,062	0,310	-0,001	0,008	0,034	FALSE
-0,086	0,316	-0,001	0,008	0,062	FALSE
-0,060	0,317	-0,001	0,008	0,037	FALSE

-0,048	0,305	-0,001	0,008	0,035	FALSE
-0,055	0,320	-0,002	0,007	0,094	FALSE
-0,016	0,307	0,000	0,008	0,005	FALSE
-0,058	0,307	-0,002	0,012	0,064	FALSE
-0,030	0,314	0,000	0,013	0,010	FALSE
0,086	0,316	0,002	0,008	0,116	FALSE
0,103	0,315	0,004	0,012	0,121	FALSE
0,156	0,298	0,006	0,012	0,221	FALSE
-0,129	0,315	-0,003	0,008	0,161	FALSE
-0,127	0,300	-0,004	0,010	0,163	FALSE
0,103	0,311	0,004	0,008	0,196	FALSE
0,046	0,310	0,002	0,011	0,059	FALSE
-0,061	0,314	-0,001	0,008	0,066	FALSE
0,000	0,309	0,001	0,007	0,034	FALSE
0,034	0,310	0,001	0,008	0,031	FALSE
0,027	0,300	0,001	0,006	0,070	FALSE
0,042	0,302	0,001	0,012	0,027	FALSE
0,059	0,296	0,002	0,009	0,071	FALSE
-0,096	0,325	-0,002	0,009	0,081	FALSE
-0,122	0,316	-0,003	0,009	0,141	FALSE
-0,038	0,302	-0,001	0,010	0,058	FALSE
0,029	0,320	0,001	0,009	0,047	FALSE
-0,061	0,327	-0,003	0,012	0,083	FALSE
-0,098	0,312	-0,002	0,006	0,145	FALSE
-0,048	0,293	-0,002	0,011	0,084	FALSE
-0,012	0,300	0,000	0,006	0,005	FALSE
0,001	0,317	-0,002	0,013	0,045	FALSE
0,014	0,301	0,000	0,012	0,006	FALSE
0,087	0,301	0,002	0,007	0,109	FALSE
-0,002	0,307	0,000	0,008	0,014	FALSE
0,088	0,306	0,003	0,010	0,105	FALSE
0,078	0,313	0,002	0,010	0,082	FALSE
-0,131	0,310	-0,005	0,012	0,169	FALSE
0,075	0,308	0,002	0,008	0,129	FALSE
0,102	0,297	0,004	0,013	0,137	FALSE
-0,016	0,304	0,000	0,010	0,002	FALSE
0,048	0,306	0,002	0,009	0,070	FALSE
0,073	0,301	0,002	0,007	0,136	FALSE
-0,113	0,297	-0,005	0,013	0,163	FALSE
0,059	0,309	0,002	0,012	0,071	FALSE
0,044	0,316	0,002	0,012	0,075	FALSE
-0,138	0,300	-0,005	0,013	0,166	FALSE
-0,215	0,289	-0,009	0,013	0,297	FALSE
0,036	0,315	0,000	0,010	0,011	FALSE
-0,076	0,305	-0,002	0,007	0,124	FALSE
0,045	0,306	0,000	0,007	0,019	FALSE
0,052	0,305	0,001	0,007	0,033	FALSE
-0,149	0,308	-0,006	0,012	0,208	FALSE
-0,033	0,290	-0,001	0,013	0,016	FALSE
-0,042	0,311	-0,001	0,007	0,028	FALSE
-0,083	0,301	-0,003	0,011	0,113	FALSE
0,020	0,299	0,000	0,006	0,008	FALSE
0,141	0,310	0,006	0,013	0,206	FALSE

0,189	0,309	0,008	0,013	0,287	FALSE
0,036	0,303	0,001	0,010	0,023	FALSE
-0,026	0,315	-0,001	0,009	0,034	FALSE
-0,063	0,301	-0,002	0,009	0,084	FALSE
-0,076	0,313	-0,002	0,009	0,098	FALSE
0,156	0,307	0,004	0,007	0,219	FALSE
-0,021	0,318	0,000	0,008	0,003	FALSE
-0,022	0,311	-0,001	0,013	0,042	FALSE
0,044	0,297	0,002	0,012	0,067	FALSE
-0,036	0,312	0,000	0,007	0,025	FALSE
0,016	0,302	0,001	0,012	0,017	FALSE
-0,042	0,314	-0,001	0,009	0,045	FALSE
0,089	0,297	0,003	0,010	0,136	FALSE
-0,068	0,313	-0,001	0,007	0,061	FALSE
-0,110	0,303	-0,004	0,012	0,143	FALSE
0,011	0,296	0,001	0,010	0,031	FALSE
0,011	0,299	0,001	0,010	0,029	FALSE
0,074	0,311	0,002	0,012	0,069	FALSE
-0,024	0,310	-0,001	0,009	0,050	FALSE
0,037	0,310	0,001	0,010	0,042	FALSE
0,114	0,308	0,003	0,009	0,138	FALSE
-0,173	0,314	-0,005	0,009	0,229	FALSE
-0,166	0,309	-0,006	0,011	0,239	FALSE
0,033	0,311	0,001	0,010	0,040	FALSE
-0,027	0,311	0,000	0,013	0,008	FALSE
-0,043	0,293	-0,001	0,008	0,047	FALSE
-0,074	0,296	-0,004	0,012	0,118	FALSE
-0,110	0,299	-0,002	0,008	0,107	FALSE
0,110	0,304	0,002	0,008	0,125	FALSE
0,011	0,294	0,001	0,011	0,043	FALSE
-0,045	0,303	-0,002	0,010	0,058	FALSE
-0,013	0,312	-0,001	0,012	0,021	FALSE
-0,068	0,303	-0,002	0,008	0,072	FALSE
0,100	0,305	0,002	0,006	0,121	FALSE
-0,108	0,311	-0,002	0,007	0,128	FALSE
-0,092	0,304	-0,002	0,007	0,130	FALSE
-0,011	0,294	0,000	0,010	0,007	FALSE
-0,064	0,293	-0,002	0,010	0,067	FALSE
0,173	0,296	0,006	0,009	0,288	FALSE
0,013	0,309	0,001	0,011	0,026	FALSE
-0,011	0,313	-0,001	0,013	0,016	FALSE
0,138	0,310	0,006	0,013	0,195	FALSE
0,167	0,300	0,004	0,008	0,251	FALSE
0,147	0,301	0,004	0,008	0,222	FALSE
0,119	0,317	0,002	0,007	0,126	FALSE
-0,092	0,315	-0,003	0,009	0,127	FALSE
0,063	0,315	0,001	0,006	0,067	FALSE
0,009	0,313	0,000	0,008	0,018	FALSE
0,111	0,315	0,003	0,008	0,174	FALSE
-0,020	0,297	0,000	0,012	0,010	FALSE
-0,015	0,313	0,000	0,011	0,010	FALSE
0,091	0,312	0,004	0,012	0,122	FALSE
-0,006	0,316	0,000	0,011	0,005	FALSE

-0,028	0,320	-0,001	0,013	0,026	FALSE
0,071	0,309	0,003	0,011	0,092	FALSE
0,064	0,314	0,002	0,011	0,073	FALSE
-0,044	0,307	-0,001	0,009	0,051	FALSE
-0,119	0,305	-0,004	0,010	0,172	FALSE
-0,018	0,294	0,000	0,007	0,009	FALSE
-0,165	0,313	-0,005	0,010	0,209	FALSE
0,118	0,311	0,003	0,007	0,167	FALSE
0,012	0,302	0,000	0,008	0,009	FALSE
-0,141	0,301	-0,005	0,012	0,158	FALSE
-0,018	0,320	0,000	0,007	0,014	FALSE
-0,074	0,313	-0,002	0,007	0,086	FALSE
-0,033	0,312	-0,002	0,012	0,066	FALSE
0,144	0,314	0,004	0,009	0,197	FALSE
-0,056	0,304	-0,001	0,009	0,046	FALSE
0,004	0,318	0,000	0,007	0,012	FALSE
0,063	0,325	0,002	0,013	0,063	FALSE
-0,061	0,304	-0,002	0,008	0,070	FALSE
0,000	0,303	0,000	0,009	0,005	FALSE
-0,045	0,313	-0,002	0,009	0,083	FALSE
0,022	0,313	0,000	0,006	0,024	FALSE
-0,050	0,305	-0,002	0,011	0,051	FALSE
-0,044	0,316	-0,002	0,012	0,050	FALSE
0,010	0,301	0,001	0,010	0,020	FALSE
0,035	0,304	0,001	0,007	0,033	FALSE
0,073	0,288	0,003	0,013	0,084	FALSE
0,050	0,301	0,002	0,013	0,054	FALSE
0,095	0,293	0,002	0,007	0,129	FALSE
0,057	0,320	0,001	0,007	0,081	FALSE
0,089	0,302	0,002	0,007	0,115	FALSE
0,054	0,311	0,001	0,007	0,072	FALSE
0,023	0,297	0,000	0,008	0,010	FALSE
0,031	0,314	0,001	0,012	0,025	FALSE
0,009	0,306	0,000	0,011	0,007	FALSE
-0,073	0,314	-0,003	0,010	0,102	FALSE
-0,058	0,309	-0,001	0,008	0,050	FALSE
-0,100	0,307	-0,002	0,007	0,127	FALSE
0,098	0,306	0,004	0,013	0,136	FALSE
0,069	0,287	0,002	0,011	0,080	FALSE
-0,028	0,312	-0,001	0,012	0,040	FALSE
-0,059	0,297	-0,002	0,009	0,101	FALSE
0,103	0,304	0,003	0,008	0,161	FALSE
-0,005	0,320	0,000	0,011	0,008	FALSE
-0,169	0,302	-0,004	0,007	0,231	FALSE
-0,011	0,312	0,000	0,011	0,009	FALSE
-0,021	0,323	0,000	0,007	0,013	FALSE
-0,011	0,309	0,000	0,012	0,014	FALSE
-0,089	0,302	-0,002	0,009	0,108	FALSE
-0,020	0,296	-0,001	0,008	0,028	FALSE
0,130	0,313	0,004	0,009	0,193	FALSE
0,030	0,301	0,000	0,007	0,019	FALSE
-0,091	0,304	-0,002	0,008	0,115	FALSE
0,032	0,320	0,001	0,011	0,027	FALSE

-0,070	0,315	-0,002	0,010	0,064	FALSE
0,067	0,316	0,002	0,013	0,061	FALSE
0,137	0,304	0,004	0,011	0,163	FALSE
0,054	0,327	0,001	0,008	0,070	FALSE
-0,012	0,317	-0,001	0,009	0,027	FALSE
0,028	0,314	0,001	0,006	0,054	FALSE
0,005	0,310	0,000	0,007	0,007	FALSE
0,172	0,313	0,006	0,012	0,220	FALSE
-0,064	0,308	-0,001	0,007	0,077	FALSE
0,012	0,301	0,000	0,007	0,004	FALSE
-0,122	0,302	-0,005	0,012	0,159	FALSE
0,094	0,290	0,004	0,011	0,138	FALSE
0,057	0,322	0,003	0,014	0,072	FALSE
0,048	0,298	0,001	0,012	0,031	FALSE
0,164	0,313	0,006	0,012	0,196	FALSE
-0,080	0,302	-0,003	0,013	0,088	FALSE
-0,044	0,293	-0,001	0,012	0,030	FALSE
0,045	0,307	0,001	0,007	0,068	FALSE
0,069	0,312	0,003	0,013	0,088	FALSE
-0,018	0,317	0,000	0,012	0,001	FALSE
-0,041	0,309	-0,001	0,007	0,063	FALSE
-0,039	0,305	-0,002	0,013	0,043	FALSE
-0,122	0,303	-0,003	0,007	0,178	FALSE
-0,110	0,309	-0,004	0,011	0,163	FALSE
-0,195	0,288	-0,005	0,007	0,331	FALSE
0,095	0,321	0,004	0,010	0,140	FALSE
0,141	0,312	0,003	0,007	0,211	FALSE
0,030	0,313	0,001	0,007	0,025	FALSE
0,120	0,310	0,004	0,008	0,184	FALSE
-0,006	0,295	-0,001	0,007	0,043	FALSE
0,019	0,314	0,001	0,008	0,039	FALSE
0,078	0,300	0,003	0,011	0,122	FALSE
-0,007	0,319	0,001	0,011	0,018	FALSE
0,030	0,309	0,001	0,007	0,056	FALSE
-0,035	0,305	0,000	0,007	0,019	FALSE
-0,090	0,329	-0,002	0,008	0,105	FALSE
-0,131	0,313	-0,003	0,008	0,141	FALSE
0,005	0,302	0,001	0,009	0,025	FALSE
0,038	0,306	0,001	0,008	0,067	FALSE
0,093	0,307	0,002	0,009	0,097	FALSE
-0,101	0,305	-0,005	0,012	0,160	FALSE
0,097	0,303	0,002	0,007	0,108	FALSE
0,087	0,311	0,003	0,010	0,116	FALSE
-0,031	0,305	0,000	0,010	0,011	FALSE
-0,009	0,310	0,000	0,008	0,021	FALSE
-0,076	0,307	-0,001	0,008	0,066	FALSE
0,065	0,312	0,002	0,010	0,085	FALSE
-0,052	0,304	-0,001	0,007	0,048	FALSE
-0,062	0,298	-0,002	0,011	0,070	FALSE
0,002	0,318	0,000	0,012	0,005	FALSE
0,067	0,311	0,002	0,011	0,074	FALSE
0,052	0,307	0,001	0,006	0,080	FALSE
0,045	0,314	0,001	0,006	0,062	FALSE

0,047	0,312	0,001	0,007	0,058	FALSE
0,207	0,296	0,006	0,009	0,312	FALSE
0,019	0,296	0,000	0,006	0,010	FALSE
-0,140	0,310	-0,006	0,012	0,201	FALSE
-0,128	0,299	-0,003	0,007	0,153	FALSE
-0,029	0,317	-0,001	0,008	0,049	FALSE
0,014	0,339	0,000	0,009	0,002	FALSE
-0,045	0,306	-0,001	0,007	0,035	FALSE
-0,087	0,286	-0,002	0,006	0,104	FALSE
-0,056	0,298	-0,001	0,006	0,044	FALSE
0,083	0,325	0,002	0,009	0,091	TRUE
0,086	0,325	0,003	0,010	0,107	FALSE
-0,030	0,301	-0,001	0,008	0,048	FALSE
0,005	0,300	0,001	0,007	0,032	FALSE
-0,036	0,310	-0,002	0,011	0,058	FALSE
0,046	0,301	0,001	0,007	0,055	FALSE
-0,072	0,304	-0,002	0,012	0,060	FALSE
-0,059	0,297	-0,001	0,010	0,025	FALSE
-0,112	0,304	-0,003	0,011	0,108	FALSE
-0,096	0,312	-0,003	0,009	0,124	FALSE
-0,137	0,311	-0,004	0,010	0,167	FALSE
-0,028	0,302	0,000	0,006	0,027	FALSE
0,071	0,298	0,002	0,010	0,060	FALSE
-0,002	0,323	0,001	0,009	0,032	FALSE
-0,022	0,288	0,000	0,007	0,021	FALSE
-0,013	0,312	0,000	0,007	0,002	FALSE
0,042	0,324	0,001	0,013	0,039	FALSE
0,057	0,298	0,002	0,008	0,076	FALSE
-0,091	0,316	-0,002	0,009	0,092	FALSE
-0,043	0,314	-0,001	0,007	0,028	FALSE
0,021	0,306	0,001	0,008	0,033	FALSE
-0,003	0,300	0,000	0,013	0,004	FALSE
-0,083	0,302	-0,004	0,011	0,128	FALSE
-0,031	0,318	0,000	0,010	0,013	FALSE
-0,020	0,302	0,000	0,006	0,008	FALSE
0,116	0,315	0,004	0,010	0,148	FALSE
-0,199	0,291	-0,009	0,013	0,317	FALSE
0,115	0,304	0,005	0,012	0,171	FALSE
0,145	0,285	0,006	0,011	0,218	FALSE
-0,079	0,311	-0,003	0,009	0,122	FALSE
-0,009	0,313	0,000	0,013	0,011	FALSE
0,057	0,298	0,001	0,007	0,035	FALSE
-0,049	0,304	-0,001	0,006	0,031	FALSE
0,087	0,293	0,003	0,010	0,113	FALSE
0,027	0,320	0,001	0,010	0,047	FALSE
0,052	0,301	0,001	0,009	0,055	FALSE
0,033	0,318	0,000	0,010	0,012	FALSE
-0,011	0,298	0,000	0,008	0,008	FALSE
0,027	0,300	0,001	0,009	0,052	FALSE
0,035	0,306	0,002	0,010	0,059	FALSE
0,026	0,300	0,001	0,010	0,033	FALSE
-0,050	0,296	-0,001	0,008	0,042	FALSE
-0,087	0,297	-0,003	0,012	0,087	FALSE

-0,090	0,293	-0,003	0,011	0,093	FALSE
-0,045	0,303	-0,001	0,012	0,030	FALSE
-0,103	0,313	-0,005	0,012	0,150	FALSE
-0,056	0,322	-0,001	0,007	0,057	FALSE
0,077	0,311	0,003	0,013	0,095	FALSE
-0,005	0,301	0,000	0,012	0,014	FALSE
-0,047	0,300	-0,002	0,010	0,060	FALSE
-0,075	0,312	-0,003	0,012	0,100	FALSE
0,116	0,304	0,003	0,008	0,147	FALSE
0,008	0,290	0,001	0,008	0,045	FALSE
-0,049	0,313	-0,001	0,008	0,069	FALSE
-0,016	0,297	0,000	0,007	0,010	FALSE
0,006	0,322	0,001	0,009	0,022	FALSE
-0,028	0,309	-0,001	0,012	0,030	FALSE
0,073	0,292	0,005	0,012	0,151	FALSE
-0,064	0,309	-0,002	0,012	0,048	FALSE
0,049	0,323	0,002	0,011	0,074	FALSE
0,088	0,318	0,002	0,007	0,138	FALSE
0,074	0,317	0,003	0,013	0,088	FALSE
-0,048	0,305	-0,001	0,007	0,041	FALSE
0,021	0,316	0,000	0,010	0,012	FALSE
0,023	0,298	0,001	0,011	0,044	FALSE
-0,029	0,314	-0,001	0,010	0,054	FALSE
0,035	0,309	0,002	0,013	0,051	FALSE
0,109	0,301	0,006	0,012	0,189	FALSE
0,007	0,323	0,001	0,009	0,025	FALSE
0,059	0,310	0,002	0,008	0,081	FALSE
0,166	0,304	0,008	0,013	0,267	FALSE
0,014	0,305	0,000	0,007	0,002	FALSE
-0,046	0,315	-0,001	0,007	0,049	FALSE
0,022	0,293	0,001	0,013	0,018	FALSE
0,144	0,292	0,004	0,007	0,212	FALSE
-0,049	0,319	-0,001	0,008	0,064	FALSE
-0,040	0,306	-0,001	0,009	0,040	FALSE
-0,068	0,305	-0,002	0,009	0,073	FALSE
-0,023	0,306	0,000	0,007	0,019	FALSE
-0,001	0,314	0,001	0,009	0,023	FALSE
-0,129	0,299	-0,005	0,012	0,153	FALSE
-0,144	0,312	-0,005	0,012	0,176	FALSE
-0,131	0,305	-0,005	0,013	0,154	FALSE
0,074	0,298	0,003	0,012	0,096	FALSE
0,075	0,298	0,003	0,012	0,078	FALSE
0,097	0,305	0,004	0,013	0,126	FALSE
0,032	0,300	0,001	0,010	0,045	FALSE
0,106	0,310	0,004	0,009	0,160	FALSE
-0,168	0,296	-0,006	0,010	0,242	FALSE
-0,077	0,321	-0,003	0,011	0,119	FALSE
0,000	0,320	0,000	0,010	0,006	FALSE
0,030	0,316	0,001	0,007	0,045	FALSE
-0,031	0,309	-0,002	0,011	0,065	FALSE
0,074	0,308	0,002	0,007	0,101	FALSE
-0,029	0,317	0,000	0,008	0,019	FALSE
-0,047	0,307	-0,002	0,013	0,054	FALSE

0,054	0,317	0,002	0,008	0,089	FALSE
-0,086	0,317	-0,002	0,008	0,082	FALSE
0,046	0,302	0,001	0,008	0,059	FALSE
0,007	0,313	0,000	0,011	0,008	FALSE
0,033	0,296	0,000	0,007	0,024	FALSE
-0,106	0,305	-0,004	0,011	0,135	FALSE
0,046	0,302	0,002	0,011	0,073	FALSE
0,077	0,295	0,003	0,011	0,106	FALSE
-0,039	0,295	-0,001	0,012	0,037	FALSE
0,090	0,302	0,003	0,010	0,124	FALSE
0,129	0,302	0,004	0,009	0,176	FALSE
0,019	0,315	0,001	0,013	0,022	FALSE
0,010	0,303	0,000	0,010	0,005	FALSE
0,046	0,296	0,002	0,009	0,101	FALSE
0,041	0,317	0,002	0,010	0,067	FALSE
0,002	0,291	0,000	0,009	0,014	FALSE
0,018	0,317	0,001	0,013	0,040	FALSE
-0,110	0,316	-0,003	0,007	0,149	FALSE
0,006	0,302	0,000	0,011	0,001	FALSE
0,024	0,305	0,002	0,013	0,058	FALSE
0,125	0,319	0,003	0,010	0,121	FALSE
-0,043	0,297	-0,002	0,011	0,064	FALSE
0,015	0,311	0,000	0,012	0,010	FALSE
0,032	0,294	0,002	0,012	0,050	FALSE
0,007	0,300	0,000	0,011	0,002	FALSE
-0,073	0,320	-0,002	0,008	0,083	FALSE
0,031	0,321	0,000	0,007	0,024	FALSE
-0,037	0,301	-0,001	0,009	0,026	FALSE
0,183	0,297	0,007	0,012	0,263	FALSE
0,068	0,294	0,002	0,013	0,059	FALSE
0,047	0,303	0,001	0,013	0,029	FALSE
0,146	0,299	0,003	0,006	0,227	FALSE
0,111	0,313	0,004	0,012	0,138	FALSE
-0,050	0,303	-0,002	0,012	0,071	FALSE
-0,020	0,292	0,000	0,007	0,015	FALSE
-0,001	0,315	-0,001	0,012	0,026	FALSE
0,030	0,305	0,000	0,012	0,002	FALSE
-0,006	0,313	0,000	0,007	0,002	FALSE
0,021	0,306	0,001	0,012	0,033	FALSE
-0,171	0,292	-0,005	0,010	0,220	FALSE
0,158	0,294	0,005	0,009	0,217	FALSE
0,228	0,285	0,006	0,007	0,421	FALSE
-0,013	0,316	0,000	0,007	0,003	FALSE
0,055	0,297	0,001	0,009	0,029	FALSE
0,147	0,311	0,007	0,013	0,229	FALSE
0,151	0,310	0,005	0,010	0,217	FALSE
-0,172	0,294	-0,005	0,009	0,240	FALSE
0,168	0,311	0,007	0,012	0,235	FALSE
-0,194	0,312	-0,006	0,010	0,265	FALSE
0,057	0,301	0,001	0,008	0,045	FALSE
-0,012	0,309	-0,001	0,009	0,034	FALSE
-0,088	0,301	-0,003	0,012	0,081	FALSE
-0,038	0,315	-0,001	0,009	0,050	FALSE

0,046	0,299	0,002	0,009	0,059	FALSE
0,044	0,288	0,002	0,012	0,048	FALSE
0,107	0,310	0,003	0,008	0,150	FALSE
-0,020	0,300	0,000	0,010	0,015	FALSE
0,021	0,296	0,001	0,012	0,040	FALSE
0,059	0,306	0,001	0,007	0,074	FALSE
-0,006	0,295	-0,001	0,012	0,017	FALSE
0,061	0,315	0,002	0,009	0,065	FALSE
0,079	0,304	0,001	0,008	0,065	FALSE
-0,013	0,306	0,000	0,010	0,013	FALSE
-0,022	0,303	-0,001	0,012	0,027	FALSE
-0,015	0,316	-0,001	0,012	0,015	FALSE
0,038	0,305	0,002	0,009	0,074	FALSE
-0,128	0,299	-0,004	0,010	0,147	FALSE
0,108	0,310	0,004	0,010	0,135	FALSE
-0,151	0,304	-0,005	0,011	0,184	FALSE
0,131	0,307	0,005	0,009	0,206	FALSE
0,112	0,299	0,004	0,011	0,157	FALSE
-0,019	0,321	-0,001	0,008	0,041	FALSE
-0,031	0,312	-0,001	0,007	0,053	FALSE
0,009	0,308	0,001	0,011	0,022	FALSE
-0,019	0,325	-0,001	0,010	0,050	FALSE
0,012	0,320	0,001	0,013	0,017	FALSE
-0,138	0,301	-0,004	0,009	0,166	FALSE
-0,148	0,299	-0,004	0,009	0,199	FALSE
-0,045	0,314	-0,002	0,011	0,065	FALSE
-0,098	0,310	-0,003	0,010	0,136	FALSE
0,033	0,300	0,001	0,012	0,022	FALSE
0,025	0,296	0,000	0,006	0,026	FALSE
0,076	0,290	0,003	0,011	0,119	FALSE
-0,135	0,295	-0,006	0,013	0,201	FALSE
0,007	0,296	0,001	0,011	0,031	FALSE
-0,183	0,300	-0,008	0,012	0,284	FALSE
0,055	0,298	0,001	0,006	0,051	FALSE
0,019	0,310	0,000	0,007	0,016	FALSE
0,016	0,304	0,001	0,010	0,050	FALSE
0,047	0,318	0,002	0,013	0,043	FALSE
0,059	0,311	0,002	0,007	0,087	FALSE
-0,034	0,314	-0,001	0,007	0,048	FALSE
0,030	0,300	0,001	0,006	0,054	FALSE
0,015	0,307	0,001	0,011	0,025	FALSE
-0,075	0,315	-0,001	0,007	0,077	FALSE
-0,024	0,310	0,000	0,009	0,018	FALSE
-0,069	0,306	-0,002	0,008	0,079	FALSE
-0,073	0,322	-0,002	0,007	0,102	FALSE
-0,080	0,320	-0,002	0,010	0,075	FALSE
-0,081	0,306	-0,002	0,009	0,102	FALSE
-0,047	0,317	-0,001	0,010	0,051	FALSE
-0,052	0,304	-0,001	0,009	0,058	FALSE
-0,098	0,300	-0,004	0,013	0,109	FALSE
0,138	0,302	0,004	0,010	0,177	FALSE
-0,120	0,296	-0,006	0,013	0,189	FALSE
-0,079	0,302	-0,003	0,012	0,085	FALSE

-0,089	0,317	-0,003	0,011	0,103	FALSE
0,010	0,303	0,000	0,007	0,010	FALSE
0,073	0,316	0,003	0,010	0,123	FALSE
-0,110	0,305	-0,004	0,011	0,156	FALSE
-0,119	0,298	-0,004	0,011	0,164	FALSE
-0,033	0,312	-0,002	0,013	0,049	FALSE
0,118	0,309	0,004	0,009	0,168	FALSE
-0,068	0,313	-0,002	0,007	0,102	FALSE
-0,079	0,298	-0,003	0,012	0,088	FALSE
0,006	0,324	0,000	0,013	0,001	FALSE
0,047	0,316	0,001	0,007	0,076	FALSE
-0,055	0,298	-0,001	0,009	0,059	FALSE
0,003	0,302	0,000	0,010	0,000	FALSE
-0,079	0,306	-0,002	0,009	0,099	FALSE
0,053	0,309	0,002	0,009	0,069	FALSE
-0,059	0,318	-0,002	0,009	0,086	FALSE
0,000	0,310	0,000	0,009	0,001	FALSE
0,073	0,297	0,002	0,009	0,098	FALSE
-0,031	0,295	-0,001	0,006	0,038	FALSE
-0,060	0,302	-0,004	0,011	0,125	FALSE
-0,022	0,295	-0,001	0,009	0,039	FALSE
0,012	0,302	0,001	0,007	0,043	FALSE
-0,052	0,298	-0,001	0,006	0,051	FALSE
0,045	0,312	0,001	0,010	0,052	FALSE
0,048	0,322	0,002	0,011	0,066	FALSE
-0,051	0,311	-0,001	0,009	0,045	FALSE
0,070	0,326	0,003	0,011	0,085	FALSE
-0,057	0,314	-0,001	0,008	0,072	FALSE
-0,073	0,315	-0,002	0,010	0,077	FALSE
0,047	0,307	0,001	0,009	0,056	FALSE
-0,036	0,310	-0,001	0,013	0,035	FALSE
0,073	0,304	0,002	0,007	0,110	FALSE
0,053	0,292	0,002	0,012	0,066	FALSE
-0,019	0,307	-0,001	0,011	0,030	FALSE
-0,078	0,310	-0,004	0,012	0,112	FALSE
-0,064	0,315	-0,002	0,012	0,081	FALSE
-0,104	0,307	-0,004	0,010	0,162	FALSE
-0,010	0,310	0,000	0,006	0,023	FALSE
0,004	0,303	0,000	0,008	0,000	FALSE
0,027	0,322	0,001	0,009	0,025	FALSE
0,015	0,309	0,000	0,008	0,008	FALSE
0,079	0,311	0,003	0,013	0,072	FALSE
-0,005	0,310	0,000	0,007	0,008	FALSE
-0,064	0,320	-0,001	0,007	0,079	FALSE
0,007	0,312	0,000	0,010	0,017	FALSE
-0,079	0,303	-0,003	0,010	0,097	FALSE
-0,026	0,314	-0,001	0,008	0,033	FALSE
-0,005	0,315	0,000	0,013	0,013	FALSE
-0,013	0,319	0,000	0,010	0,014	FALSE
0,022	0,316	0,001	0,012	0,017	FALSE
0,055	0,295	0,002	0,011	0,083	FALSE
-0,022	0,305	0,000	0,008	0,020	FALSE
0,109	0,295	0,003	0,007	0,149	FALSE

-0,052	0,310	-0,002	0,008	0,075	FALSE
-0,024	0,312	-0,001	0,011	0,028	FALSE
-0,088	0,301	-0,002	0,008	0,118	FALSE
-0,088	0,315	-0,004	0,013	0,107	FALSE
-0,152	0,301	-0,006	0,011	0,228	FALSE
0,061	0,307	0,002	0,008	0,071	FALSE
0,127	0,298	0,003	0,007	0,163	FALSE
0,105	0,294	0,003	0,007	0,172	FALSE
0,040	0,300	0,002	0,012	0,046	FALSE
0,026	0,321	0,000	0,009	0,010	FALSE
0,119	0,299	0,004	0,008	0,204	FALSE
0,096	0,319	0,003	0,008	0,144	FALSE
0,110	0,314	0,004	0,011	0,155	FALSE
0,007	0,312	0,000	0,013	0,012	FALSE
-0,097	0,309	-0,003	0,010	0,124	FALSE
0,096	0,308	0,002	0,009	0,099	FALSE
0,060	0,318	0,001	0,010	0,049	FALSE
0,023	0,310	0,001	0,007	0,033	FALSE
0,028	0,324	0,001	0,007	0,038	FALSE
0,047	0,309	0,002	0,009	0,087	FALSE
0,023	0,313	0,000	0,008	0,012	FALSE
-0,004	0,307	0,001	0,010	0,028	FALSE
0,135	0,301	0,004	0,010	0,190	FALSE
-0,006	0,316	-0,001	0,013	0,030	FALSE
-0,077	0,298	-0,003	0,010	0,132	FALSE
-0,037	0,313	-0,001	0,009	0,047	FALSE
-0,038	0,306	-0,002	0,008	0,077	FALSE
0,103	0,307	0,003	0,009	0,156	FALSE
0,117	0,275	0,004	0,012	0,143	FALSE
-0,018	0,305	-0,001	0,009	0,020	FALSE
0,102	0,311	0,003	0,007	0,138	FALSE
-0,033	0,298	-0,001	0,008	0,023	FALSE
-0,030	0,300	-0,001	0,008	0,022	FALSE
0,036	0,299	0,002	0,009	0,069	FALSE
-0,086	0,307	-0,002	0,008	0,086	FALSE
-0,060	0,307	-0,001	0,009	0,046	FALSE
-0,003	0,323	0,001	0,007	0,027	FALSE
-0,035	0,306	-0,002	0,011	0,069	FALSE
-0,048	0,309	-0,002	0,012	0,066	FALSE
-0,077	0,306	-0,003	0,012	0,109	FALSE
0,053	0,323	0,001	0,009	0,048	FALSE
-0,053	0,310	-0,001	0,008	0,056	FALSE
-0,117	0,314	-0,003	0,008	0,170	FALSE
0,079	0,305	0,002	0,008	0,088	FALSE
0,078	0,298	0,002	0,008	0,092	FALSE
-0,105	0,295	-0,004	0,009	0,173	FALSE
-0,061	0,291	-0,003	0,012	0,086	FALSE
0,050	0,303	0,001	0,008	0,064	FALSE
0,048	0,300	0,001	0,007	0,046	FALSE
-0,059	0,306	-0,002	0,008	0,073	FALSE
0,055	0,301	0,001	0,007	0,051	FALSE
0,143	0,302	0,006	0,012	0,209	FALSE
-0,036	0,324	-0,001	0,009	0,052	FALSE

0,091	0,294	0,002	0,007	0,120	FALSE
-0,032	0,308	-0,001	0,006	0,035	FALSE
0,000	0,298	0,001	0,012	0,033	FALSE
-0,030	0,296	-0,001	0,012	0,017	FALSE
0,078	0,320	0,004	0,012	0,128	FALSE
0,003	0,313	0,000	0,012	0,008	FALSE
-0,099	0,296	-0,003	0,012	0,106	FALSE
0,123	0,305	0,005	0,012	0,173	FALSE
-0,055	0,302	-0,002	0,007	0,102	FALSE
0,120	0,304	0,005	0,012	0,167	FALSE
0,028	0,322	0,000	0,006	0,022	FALSE
-0,011	0,320	0,000	0,007	0,011	FALSE
0,129	0,312	0,005	0,010	0,183	FALSE
0,085	0,292	0,003	0,010	0,102	FALSE
0,012	0,310	0,000	0,007	0,020	FALSE
0,126	0,306	0,004	0,011	0,138	FALSE
0,001	0,314	0,000	0,007	0,022	FALSE
0,053	0,303	0,001	0,007	0,044	FALSE
0,041	0,307	0,001	0,010	0,055	FALSE
0,079	0,306	0,002	0,007	0,082	FALSE
0,083	0,296	0,004	0,013	0,131	FALSE
0,032	0,319	0,000	0,008	0,021	FALSE
0,008	0,309	0,001	0,008	0,023	FALSE
-0,028	0,311	-0,001	0,007	0,032	FALSE
-0,003	0,315	0,000	0,012	0,006	FALSE
0,024	0,307	0,000	0,013	0,005	FALSE
-0,032	0,294	0,000	0,006	0,030	FALSE
-0,008	0,306	-0,001	0,011	0,035	FALSE
-0,098	0,307	-0,004	0,011	0,153	FALSE
0,025	0,307	0,000	0,011	0,008	FALSE
0,035	0,294	0,002	0,009	0,064	FALSE
-0,012	0,302	-0,001	0,011	0,031	FALSE
-0,001	0,312	0,000	0,013	0,002	FALSE
-0,028	0,284	-0,002	0,012	0,068	FALSE
0,024	0,304	0,000	0,008	0,015	FALSE
0,225	0,297	0,009	0,012	0,335	FALSE
0,173	0,308	0,007	0,013	0,236	FALSE
0,202	0,285	0,008	0,011	0,304	FALSE
0,001	0,304	0,000	0,011	0,006	FALSE
0,197	0,298	0,008	0,013	0,272	FALSE
0,101	0,307	0,003	0,010	0,108	FALSE
0,093	0,311	0,002	0,010	0,093	FALSE
0,109	0,304	0,006	0,012	0,193	FALSE
-0,065	0,292	-0,003	0,010	0,101	FALSE
0,112	0,313	0,004	0,010	0,149	FALSE
-0,041	0,308	-0,001	0,007	0,052	FALSE
0,082	0,309	0,002	0,008	0,089	FALSE
-0,040	0,310	-0,001	0,007	0,070	FALSE
0,004	0,310	-0,001	0,012	0,020	FALSE
-0,104	0,312	-0,003	0,008	0,140	FALSE
0,080	0,306	0,003	0,012	0,095	FALSE
0,055	0,287	0,001	0,009	0,053	FALSE
-0,073	0,318	-0,003	0,013	0,084	FALSE

0,091	0,307	0,002	0,007	0,130	FALSE
-0,056	0,317	-0,002	0,008	0,088	FALSE
-0,225	0,302	-0,009	0,013	0,329	FALSE
0,019	0,309	0,000	0,007	0,020	FALSE
-0,041	0,306	-0,001	0,008	0,051	FALSE
0,105	0,309	0,004	0,012	0,146	FALSE
0,130	0,304	0,006	0,012	0,188	FALSE
0,154	0,294	0,004	0,006	0,259	FALSE
0,169	0,298	0,003	0,006	0,251	FALSE
0,136	0,301	0,005	0,012	0,176	FALSE
0,017	0,308	0,001	0,010	0,019	FALSE
0,075	0,315	0,002	0,010	0,096	FALSE
-0,008	0,309	0,000	0,012	0,013	FALSE
0,004	0,313	0,000	0,011	0,011	FALSE
-0,002	0,302	0,000	0,012	0,003	FALSE
-0,039	0,306	-0,001	0,006	0,058	FALSE
0,091	0,308	0,002	0,008	0,095	FALSE
-0,012	0,311	-0,001	0,009	0,025	FALSE
0,021	0,305	0,000	0,010	0,003	FALSE
0,111	0,313	0,003	0,009	0,143	FALSE
0,102	0,306	0,003	0,008	0,131	FALSE
0,079	0,304	0,003	0,011	0,092	FALSE
-0,082	0,307	-0,002	0,009	0,077	FALSE
-0,127	0,322	-0,005	0,012	0,186	FALSE
-0,063	0,323	-0,002	0,013	0,067	FALSE
0,015	0,312	0,000	0,009	0,010	FALSE
0,038	0,306	0,001	0,008	0,043	FALSE
-0,011	0,313	0,000	0,009	0,001	FALSE
-0,026	0,321	0,000	0,007	0,006	FALSE
0,044	0,308	0,001	0,009	0,038	FALSE
0,052	0,292	0,001	0,008	0,068	FALSE
0,068	0,318	0,003	0,011	0,097	FALSE
0,071	0,301	0,002	0,010	0,090	FALSE
-0,022	0,303	-0,001	0,011	0,045	FALSE
0,080	0,298	0,003	0,012	0,085	FALSE
0,016	0,320	0,000	0,007	0,019	FALSE
0,039	0,319	0,001	0,008	0,069	FALSE
-0,052	0,311	-0,001	0,008	0,062	FALSE
-0,048	0,307	-0,001	0,009	0,050	FALSE
-0,137	0,294	-0,003	0,007	0,173	FALSE
0,114	0,307	0,004	0,008	0,172	FALSE
-0,036	0,307	0,000	0,009	0,015	FALSE
-0,036	0,309	-0,001	0,011	0,026	FALSE
-0,022	0,305	-0,001	0,009	0,021	FALSE
-0,071	0,322	-0,002	0,013	0,069	FALSE
-0,099	0,308	-0,004	0,012	0,128	FALSE
0,044	0,306	0,002	0,012	0,073	FALSE
0,069	0,312	0,002	0,007	0,091	FALSE
0,031	0,296	0,001	0,007	0,056	FALSE
-0,024	0,291	0,000	0,007	0,024	FALSE
0,040	0,328	0,002	0,013	0,046	FALSE
-0,070	0,294	-0,002	0,007	0,114	FALSE
-0,063	0,310	-0,001	0,009	0,064	FALSE

0,028	0,309	0,001	0,007	0,047	FALSE
0,019	0,332	0,000	0,011	0,008	FALSE
-0,041	0,305	-0,001	0,013	0,033	FALSE
0,033	0,308	0,001	0,010	0,025	FALSE
0,108	0,301	0,002	0,007	0,147	FALSE
-0,094	0,315	-0,003	0,008	0,146	FALSE
0,032	0,310	0,001	0,010	0,039	FALSE
-0,013	0,303	0,000	0,009	0,017	FALSE
-0,099	0,313	-0,003	0,008	0,142	FALSE
-0,023	0,312	-0,001	0,011	0,021	FALSE
-0,074	0,300	-0,002	0,007	0,107	FALSE
-0,038	0,296	-0,001	0,007	0,047	FALSE
-0,074	0,303	-0,002	0,009	0,067	FALSE
0,097	0,300	0,002	0,008	0,116	FALSE
0,137	0,302	0,004	0,011	0,169	FALSE
0,126	0,306	0,004	0,009	0,164	FALSE
-0,102	0,304	-0,004	0,009	0,164	FALSE
-0,117	0,305	-0,003	0,007	0,183	FALSE
0,206	0,294	0,008	0,011	0,320	FALSE
-0,015	0,307	-0,001	0,008	0,026	FALSE
-0,110	0,314	-0,003	0,008	0,134	FALSE
0,066	0,314	0,003	0,012	0,106	FALSE
0,010	0,312	0,000	0,009	0,001	FALSE
0,016	0,303	0,001	0,010	0,025	FALSE
-0,087	0,314	-0,002	0,009	0,102	FALSE
-0,037	0,316	-0,001	0,013	0,040	FALSE
-0,028	0,317	-0,001	0,008	0,032	FALSE
0,045	0,313	0,001	0,012	0,044	FALSE
0,056	0,323	0,002	0,011	0,065	FALSE
-0,014	0,318	0,000	0,008	0,019	FALSE
-0,147	0,310	-0,004	0,007	0,212	FALSE
-0,034	0,308	-0,001	0,012	0,035	FALSE
-0,001	0,309	0,000	0,007	0,018	FALSE
-0,009	0,316	0,000	0,013	0,011	FALSE
0,087	0,309	0,002	0,009	0,086	FALSE
0,102	0,325	0,002	0,009	0,097	FALSE
0,122	0,302	0,004	0,010	0,140	FALSE
0,068	0,300	0,002	0,010	0,083	FALSE
0,106	0,313	0,003	0,009	0,131	FALSE
0,067	0,314	0,002	0,008	0,089	FALSE
-0,038	0,310	-0,001	0,007	0,036	FALSE
-0,080	0,302	-0,002	0,008	0,111	FALSE
0,019	0,313	0,001	0,011	0,022	FALSE
-0,045	0,295	-0,001	0,009	0,051	FALSE
0,007	0,293	-0,001	0,008	0,027	FALSE
0,006	0,304	0,001	0,008	0,024	FALSE
0,106	0,298	0,003	0,008	0,144	FALSE
0,131	0,295	0,003	0,008	0,176	FALSE
0,135	0,302	0,004	0,009	0,170	FALSE
-0,011	0,298	-0,001	0,012	0,033	FALSE
0,024	0,321	0,000	0,009	0,010	FALSE
0,137	0,283	0,004	0,007	0,212	FALSE
0,111	0,299	0,002	0,007	0,125	FALSE

-0,060	0,310	-0,003	0,011	0,089	FALSE
-0,072	0,301	-0,002	0,008	0,087	FALSE
0,026	0,312	0,001	0,009	0,042	FALSE
0,053	0,314	0,001	0,007	0,066	FALSE
-0,037	0,302	-0,002	0,011	0,076	FALSE
0,099	0,293	0,004	0,009	0,187	FALSE
-0,087	0,306	-0,002	0,008	0,101	FALSE
0,003	0,317	0,000	0,008	0,010	FALSE
-0,035	0,309	0,000	0,011	0,011	FALSE
-0,061	0,302	-0,001	0,008	0,035	FALSE
-0,027	0,314	0,000	0,011	0,005	FALSE
-0,013	0,315	0,000	0,010	0,006	FALSE
0,010	0,303	0,001	0,009	0,029	FALSE
-0,085	0,317	-0,003	0,012	0,116	FALSE
0,090	0,317	0,002	0,009	0,093	FALSE
0,036	0,306	0,001	0,006	0,059	FALSE
-0,007	0,303	0,000	0,010	0,013	FALSE
-0,085	0,317	-0,002	0,009	0,101	FALSE
0,023	0,296	0,000	0,008	0,004	FALSE
0,088	0,300	0,002	0,008	0,088	FALSE
0,013	0,300	0,001	0,011	0,027	FALSE
0,001	0,314	0,000	0,013	0,013	FALSE
0,022	0,308	0,000	0,011	0,006	FALSE
-0,012	0,294	-0,001	0,011	0,028	FALSE
-0,051	0,310	-0,002	0,012	0,074	FALSE
-0,046	0,306	-0,001	0,011	0,048	FALSE
-0,013	0,303	0,000	0,011	0,002	FALSE
0,070	0,294	0,002	0,007	0,128	FALSE
-0,032	0,293	0,000	0,012	0,013	FALSE
0,025	0,315	0,002	0,012	0,053	FALSE
0,038	0,312	0,001	0,008	0,054	FALSE
0,029	0,298	0,001	0,008	0,045	FALSE
0,030	0,317	0,002	0,013	0,052	FALSE
-0,041	0,326	-0,001	0,007	0,035	FALSE
-0,016	0,311	0,000	0,006	0,026	FALSE
-0,057	0,301	-0,001	0,006	0,056	FALSE
-0,036	0,308	-0,001	0,013	0,028	FALSE
-0,077	0,292	-0,002	0,007	0,112	FALSE
-0,054	0,305	-0,001	0,006	0,036	FALSE
-0,164	0,313	-0,004	0,008	0,207	FALSE
-0,106	0,298	-0,002	0,007	0,105	FALSE
-0,056	0,301	-0,003	0,013	0,082	FALSE
0,000	0,314	0,000	0,013	0,007	FALSE
-0,022	0,297	0,000	0,007	0,023	FALSE
-0,038	0,293	-0,001	0,007	0,038	FALSE
-0,029	0,312	-0,001	0,010	0,034	FALSE
-0,057	0,318	-0,001	0,008	0,056	FALSE
0,028	0,306	0,000	0,007	0,016	FALSE
0,003	0,310	0,000	0,007	0,009	FALSE
-0,094	0,308	-0,002	0,009	0,103	FALSE
0,003	0,300	-0,001	0,012	0,030	FALSE
-0,030	0,310	-0,002	0,008	0,076	FALSE
-0,076	0,313	-0,002	0,007	0,125	FALSE

-0,010	0,301	-0,001	0,013	0,028	FALSE
0,022	0,296	0,000	0,008	0,003	FALSE
0,103	0,308	0,002	0,007	0,098	FALSE
0,041	0,303	0,001	0,012	0,029	FALSE
0,003	0,311	-0,001	0,009	0,029	FALSE
0,119	0,291	0,003	0,007	0,199	FALSE
0,016	0,303	0,000	0,008	0,020	FALSE
-0,113	0,311	-0,003	0,008	0,148	FALSE
-0,105	0,301	-0,002	0,007	0,126	FALSE
-0,116	0,311	-0,002	0,008	0,123	FALSE
-0,113	0,308	-0,003	0,008	0,134	FALSE
-0,005	0,297	0,000	0,007	0,008	FALSE
0,022	0,315	0,001	0,007	0,036	FALSE
-0,022	0,309	0,000	0,009	0,014	FALSE
0,009	0,310	0,000	0,006	0,017	FALSE
0,143	0,300	0,003	0,007	0,198	FALSE
-0,074	0,293	-0,002	0,011	0,065	FALSE
0,159	0,305	0,004	0,008	0,213	FALSE
-0,002	0,311	-0,001	0,012	0,025	FALSE
0,052	0,318	0,002	0,008	0,077	FALSE
0,092	0,305	0,003	0,010	0,124	FALSE
-0,042	0,303	-0,001	0,007	0,027	FALSE
0,022	0,312	0,000	0,008	0,000	FALSE
0,097	0,304	0,003	0,010	0,129	FALSE
-0,017	0,307	0,000	0,006	0,029	FALSE
0,008	0,304	0,001	0,007	0,024	FALSE
0,082	0,293	0,003	0,012	0,097	FALSE
-0,035	0,300	-0,001	0,009	0,045	FALSE
-0,091	0,295	-0,004	0,011	0,141	FALSE
0,082	0,301	0,002	0,007	0,093	FALSE
0,007	0,312	0,001	0,008	0,033	FALSE
0,043	0,311	0,001	0,008	0,059	FALSE
0,069	0,304	0,001	0,007	0,072	FALSE
0,006	0,290	0,001	0,009	0,021	FALSE
-0,017	0,298	-0,001	0,006	0,056	FALSE
0,007	0,305	0,000	0,008	0,014	FALSE
-0,050	0,295	-0,002	0,006	0,094	FALSE
0,094	0,322	0,003	0,009	0,113	FALSE
-0,009	0,309	-0,001	0,013	0,031	FALSE
0,173	0,304	0,003	0,006	0,227	FALSE
-0,169	0,304	-0,006	0,011	0,265	FALSE
-0,173	0,301	-0,007	0,011	0,279	FALSE
0,045	0,297	0,002	0,009	0,104	FALSE
0,112	0,320	0,005	0,013	0,162	FALSE
0,081	0,310	0,004	0,012	0,117	FALSE
0,073	0,301	0,002	0,009	0,094	FALSE
-0,068	0,308	-0,003	0,009	0,108	FALSE
-0,022	0,309	-0,001	0,013	0,041	FALSE
0,045	0,312	0,002	0,009	0,064	FALSE
0,039	0,307	0,002	0,009	0,069	FALSE
-0,106	0,306	-0,002	0,007	0,111	FALSE
0,072	0,309	0,003	0,010	0,124	FALSE
0,058	0,312	0,003	0,010	0,103	FALSE

0,113	0,305	0,005	0,013	0,154	FALSE
0,062	0,306	0,002	0,008	0,101	FALSE
0,173	0,293	0,007	0,011	0,257	FALSE
-0,041	0,304	-0,001	0,010	0,047	FALSE
-0,107	0,314	-0,003	0,008	0,131	FALSE
0,014	0,308	0,001	0,007	0,036	FALSE
0,050	0,298	0,002	0,013	0,049	FALSE
-0,034	0,319	-0,002	0,009	0,068	FALSE
0,106	0,313	0,005	0,013	0,141	FALSE
-0,003	0,317	0,000	0,010	0,007	FALSE
-0,082	0,294	-0,001	0,008	0,066	FALSE
0,061	0,309	0,003	0,012	0,104	FALSE
-0,036	0,311	-0,001	0,010	0,021	FALSE
-0,048	0,309	-0,001	0,007	0,037	FALSE
-0,062	0,299	-0,002	0,009	0,067	FALSE
-0,064	0,317	-0,003	0,012	0,110	FALSE
-0,031	0,308	-0,001	0,008	0,027	FALSE
-0,074	0,314	-0,001	0,007	0,065	FALSE
-0,200	0,303	-0,008	0,012	0,295	FALSE
-0,082	0,301	-0,003	0,013	0,079	FALSE
0,033	0,303	0,001	0,007	0,034	FALSE
0,077	0,305	0,003	0,010	0,109	FALSE
-0,002	0,305	0,000	0,008	0,002	FALSE
0,032	0,323	0,001	0,007	0,052	FALSE
-0,001	0,312	0,000	0,009	0,016	FALSE
0,023	0,304	0,001	0,008	0,068	FALSE
0,071	0,316	0,001	0,007	0,085	FALSE
-0,021	0,306	-0,001	0,007	0,028	FALSE
-0,030	0,296	-0,001	0,008	0,049	FALSE
0,056	0,305	0,002	0,011	0,067	FALSE
0,018	0,316	0,001	0,012	0,029	FALSE
-0,009	0,292	0,000	0,007	0,023	FALSE
0,007	0,310	0,000	0,007	0,007	FALSE
-0,021	0,321	-0,001	0,011	0,030	FALSE
-0,043	0,299	-0,002	0,013	0,056	FALSE
0,075	0,314	0,003	0,009	0,110	FALSE
0,058	0,305	0,002	0,012	0,064	FALSE
0,098	0,319	0,005	0,012	0,159	FALSE
0,065	0,305	0,003	0,011	0,109	FALSE
-0,007	0,306	0,000	0,007	0,000	FALSE
0,016	0,294	0,001	0,007	0,036	FALSE
0,086	0,301	0,001	0,007	0,074	FALSE
0,000	0,317	0,000	0,009	0,011	FALSE
0,073	0,295	0,001	0,007	0,061	FALSE
0,041	0,297	0,002	0,013	0,049	FALSE
-0,056	0,306	-0,002	0,012	0,071	FALSE
-0,054	0,294	-0,001	0,007	0,039	FALSE
-0,017	0,304	0,000	0,007	0,021	FALSE
-0,037	0,290	0,000	0,007	0,016	FALSE
-0,018	0,275	0,000	0,006	0,013	FALSE
0,006	0,316	0,001	0,012	0,028	FALSE
0,005	0,308	0,000	0,011	0,008	FALSE
-0,026	0,321	-0,001	0,012	0,024	FALSE

-0,020	0,310	-0,001	0,011	0,022	FALSE
-0,023	0,310	0,000	0,010	0,010	FALSE
0,015	0,305	0,001	0,010	0,041	FALSE
0,062	0,303	0,001	0,008	0,055	FALSE
0,167	0,309	0,004	0,006	0,290	FALSE
0,093	0,309	0,002	0,008	0,110	FALSE
-0,009	0,309	-0,001	0,009	0,027	FALSE
-0,105	0,299	-0,006	0,012	0,193	FALSE
-0,021	0,305	0,000	0,008	0,003	FALSE
-0,054	0,320	-0,001	0,008	0,050	FALSE
-0,010	0,305	0,000	0,007	0,007	FALSE
-0,064	0,288	-0,002	0,011	0,068	FALSE
0,049	0,314	0,002	0,007	0,081	FALSE
-0,061	0,314	-0,003	0,012	0,079	FALSE
0,093	0,312	0,003	0,008	0,133	FALSE
-0,014	0,318	0,000	0,007	0,000	FALSE
0,078	0,313	0,001	0,008	0,065	FALSE
-0,033	0,306	-0,001	0,009	0,058	FALSE
0,045	0,330	0,002	0,012	0,067	FALSE
0,109	0,311	0,002	0,007	0,140	FALSE
0,008	0,299	0,001	0,007	0,034	FALSE
-0,100	0,306	-0,003	0,008	0,146	FALSE
-0,017	0,297	-0,001	0,011	0,023	FALSE
0,011	0,309	0,000	0,012	0,011	FALSE
-0,020	0,312	-0,001	0,012	0,017	FALSE
-0,024	0,316	-0,001	0,012	0,031	FALSE
0,033	0,313	0,001	0,009	0,038	FALSE
-0,040	0,309	-0,001	0,007	0,072	FALSE
0,029	0,311	0,001	0,007	0,039	FALSE
-0,018	0,304	0,000	0,011	0,002	FALSE
-0,016	0,300	0,000	0,007	0,005	FALSE
0,068	0,295	0,003	0,013	0,074	FALSE
0,050	0,290	0,002	0,008	0,074	FALSE
0,000	0,303	0,000	0,008	0,001	FALSE
0,012	0,312	0,000	0,010	0,016	FALSE
-0,044	0,311	-0,001	0,008	0,051	FALSE
-0,015	0,302	-0,001	0,007	0,036	FALSE
0,029	0,312	0,000	0,012	0,004	FALSE
0,015	0,307	0,000	0,012	0,014	FALSE
0,006	0,306	-0,001	0,011	0,030	FALSE
-0,027	0,312	-0,002	0,012	0,060	FALSE
-0,020	0,304	0,000	0,007	0,013	FALSE
0,050	0,312	0,001	0,007	0,060	FALSE
0,018	0,304	0,001	0,007	0,038	FALSE
0,023	0,308	0,001	0,007	0,035	FALSE
-0,163	0,296	-0,006	0,013	0,191	FALSE
-0,100	0,292	-0,003	0,009	0,110	FALSE
-0,079	0,312	-0,003	0,012	0,082	FALSE
0,086	0,315	0,002	0,010	0,073	FALSE
-0,014	0,307	0,000	0,012	0,008	FALSE
0,003	0,302	0,001	0,009	0,020	FALSE
0,096	0,311	0,004	0,011	0,141	FALSE
0,062	0,315	0,002	0,009	0,068	FALSE

-0,024	0,298	0,000	0,008	0,020	FALSE
-0,052	0,319	-0,002	0,010	0,068	FALSE
0,035	0,294	0,003	0,011	0,092	FALSE
-0,087	0,291	-0,003	0,011	0,114	FALSE
0,086	0,308	0,002	0,008	0,102	FALSE
0,086	0,296	0,002	0,008	0,116	FALSE
-0,004	0,308	0,000	0,011	0,003	FALSE
-0,100	0,296	-0,002	0,007	0,126	FALSE
0,076	0,302	0,003	0,007	0,147	FALSE
0,064	0,308	0,001	0,008	0,069	FALSE
0,041	0,299	0,001	0,012	0,031	FALSE
-0,086	0,311	-0,003	0,011	0,094	FALSE
-0,031	0,323	-0,001	0,008	0,038	FALSE
-0,071	0,317	-0,003	0,011	0,092	FALSE
-0,019	0,321	-0,001	0,011	0,025	FALSE
-0,157	0,294	-0,004	0,009	0,199	FALSE
-0,024	0,313	0,000	0,010	0,013	FALSE
0,036	0,309	0,001	0,009	0,059	FALSE
0,082	0,312	0,004	0,013	0,124	FALSE
-0,068	0,311	-0,002	0,006	0,106	FALSE
-0,155	0,307	-0,005	0,010	0,213	FALSE
-0,059	0,302	-0,002	0,009	0,075	FALSE
-0,104	0,299	-0,003	0,009	0,108	FALSE
0,020	0,319	0,000	0,012	0,012	FALSE
-0,138	0,303	-0,003	0,007	0,184	FALSE
0,160	0,296	0,007	0,011	0,283	FALSE
-0,011	0,313	0,000	0,007	0,005	FALSE
-0,098	0,306	-0,003	0,012	0,105	FALSE
-0,038	0,302	-0,002	0,010	0,058	FALSE
0,023	0,319	0,001	0,010	0,033	FALSE
0,061	0,306	0,002	0,012	0,060	FALSE
0,010	0,314	0,000	0,008	0,001	FALSE
-0,055	0,301	-0,001	0,007	0,063	FALSE
0,058	0,310	0,001	0,009	0,055	FALSE
-0,027	0,296	-0,001	0,009	0,040	FALSE
-0,090	0,323	-0,002	0,007	0,110	FALSE
-0,039	0,317	-0,001	0,009	0,040	FALSE
0,066	0,304	0,003	0,012	0,076	FALSE
0,001	0,315	0,000	0,012	0,010	FALSE
-0,030	0,312	-0,002	0,012	0,065	FALSE
0,199	0,297	0,007	0,011	0,270	FALSE
-0,076	0,302	-0,001	0,007	0,076	FALSE
-0,053	0,318	-0,002	0,013	0,067	FALSE
0,049	0,308	0,002	0,007	0,083	FALSE
0,062	0,297	0,002	0,008	0,116	FALSE
-0,024	0,306	0,000	0,008	0,002	FALSE
0,086	0,306	0,002	0,010	0,080	FALSE
-0,004	0,316	0,000	0,013	0,007	FALSE
-0,054	0,306	-0,002	0,013	0,064	FALSE
-0,216	0,303	-0,009	0,013	0,288	FALSE
0,098	0,308	0,005	0,011	0,160	FALSE
0,136	0,292	0,003	0,008	0,161	FALSE
0,089	0,307	0,003	0,012	0,084	FALSE

0,062	0,308	0,001	0,012	0,039	FALSE
0,016	0,321	0,000	0,012	0,006	FALSE
-0,150	0,299	-0,005	0,010	0,193	FALSE
-0,036	0,306	-0,002	0,013	0,068	FALSE
-0,083	0,315	-0,004	0,013	0,106	FALSE
0,077	0,301	0,003	0,013	0,087	FALSE
0,144	0,297	0,004	0,011	0,158	FALSE
0,010	0,310	0,000	0,009	0,004	FALSE
-0,117	0,309	-0,003	0,007	0,189	FALSE
0,033	0,302	0,002	0,009	0,064	FALSE
0,048	0,304	0,001	0,012	0,043	FALSE
-0,099	0,308	-0,005	0,012	0,149	FALSE
0,012	0,317	0,000	0,008	0,002	FALSE
-0,052	0,318	-0,001	0,007	0,070	FALSE
0,036	0,301	0,001	0,007	0,071	FALSE
0,058	0,290	0,002	0,008	0,101	FALSE
-0,004	0,316	0,000	0,008	0,018	FALSE
-0,061	0,300	-0,002	0,010	0,059	FALSE
0,007	0,307	0,001	0,008	0,032	FALSE
-0,078	0,298	-0,002	0,012	0,073	FALSE
0,061	0,302	0,002	0,009	0,106	FALSE
-0,134	0,292	-0,005	0,012	0,190	FALSE
-0,020	0,308	-0,001	0,011	0,025	FALSE
0,037	0,299	0,001	0,007	0,072	FALSE
0,055	0,312	0,001	0,008	0,052	FALSE
-0,091	0,301	-0,002	0,008	0,103	FALSE
-0,103	0,317	-0,004	0,012	0,112	FALSE
-0,120	0,300	-0,003	0,007	0,175	FALSE
0,053	0,312	0,002	0,009	0,060	FALSE
-0,072	0,306	-0,002	0,007	0,108	FALSE
0,090	0,303	0,003	0,008	0,141	FALSE
0,126	0,297	0,003	0,009	0,137	FALSE
-0,004	0,306	0,000	0,006	0,003	FALSE
0,101	0,305	0,003	0,013	0,101	FALSE
0,094	0,308	0,003	0,010	0,125	FALSE
0,087	0,314	0,003	0,010	0,120	FALSE
-0,056	0,310	-0,002	0,011	0,079	FALSE
0,052	0,313	0,001	0,009	0,054	FALSE
-0,077	0,310	-0,002	0,008	0,094	FALSE
-0,032	0,297	0,000	0,009	0,019	FALSE
0,007	0,312	0,000	0,008	0,001	FALSE
0,010	0,316	0,000	0,007	0,005	FALSE
-0,011	0,308	0,000	0,008	0,015	FALSE
0,026	0,311	0,001	0,013	0,019	FALSE
0,070	0,300	0,002	0,006	0,109	FALSE
0,010	0,308	0,000	0,007	0,004	FALSE
0,058	0,320	0,001	0,010	0,042	FALSE
-0,150	0,317	-0,005	0,010	0,196	FALSE
-0,040	0,315	-0,001	0,006	0,032	FALSE
-0,001	0,318	0,000	0,007	0,003	FALSE
-0,032	0,296	-0,001	0,009	0,041	FALSE
-0,022	0,305	0,000	0,007	0,022	FALSE
-0,082	0,317	-0,003	0,009	0,117	FALSE

-0,042	0,311	-0,002	0,012	0,055	FALSE
0,161	0,302	0,004	0,007	0,221	FALSE
-0,137	0,300	-0,005	0,009	0,224	FALSE
-0,145	0,312	-0,005	0,009	0,213	FALSE
-0,159	0,296	-0,005	0,009	0,268	FALSE
0,107	0,310	0,003	0,007	0,171	FALSE
0,094	0,292	0,002	0,007	0,112	FALSE
-0,087	0,300	-0,004	0,011	0,150	FALSE
-0,054	0,310	-0,002	0,009	0,082	FALSE
0,182	0,298	0,005	0,008	0,252	FALSE
0,003	0,294	0,000	0,008	0,008	FALSE
0,038	0,292	0,000	0,007	0,020	FALSE
-0,055	0,317	-0,001	0,011	0,049	FALSE
-0,013	0,311	0,000	0,012	0,006	FALSE
0,100	0,297	0,004	0,013	0,132	FALSE
-0,074	0,306	-0,002	0,006	0,096	FALSE
0,014	0,278	0,001	0,010	0,034	FALSE
-0,042	0,304	-0,002	0,012	0,056	FALSE
0,094	0,286	0,004	0,010	0,161	FALSE
0,049	0,297	0,003	0,010	0,093	FALSE
-0,105	0,298	-0,006	0,012	0,184	FALSE
-0,073	0,312	-0,004	0,013	0,132	FALSE
0,012	0,312	0,000	0,006	0,009	FALSE
-0,007	0,307	0,000	0,008	0,018	FALSE
-0,188	0,311	-0,008	0,013	0,268	FALSE
-0,011	0,291	0,000	0,008	0,016	FALSE
-0,053	0,299	-0,001	0,010	0,030	FALSE
0,039	0,320	0,001	0,007	0,047	FALSE
-0,068	0,296	-0,002	0,011	0,059	FALSE
0,064	0,307	0,002	0,006	0,102	FALSE
0,031	0,310	0,001	0,006	0,057	FALSE
0,012	0,313	0,001	0,013	0,014	FALSE
-0,048	0,305	-0,001	0,008	0,028	FALSE
-0,014	0,313	-0,001	0,008	0,031	FALSE
-0,013	0,309	0,000	0,006	0,009	FALSE
0,045	0,316	0,001	0,011	0,048	FALSE
-0,113	0,307	-0,003	0,007	0,155	FALSE
0,075	0,325	0,002	0,008	0,103	FALSE
-0,032	0,308	-0,001	0,007	0,031	FALSE
-0,103	0,305	-0,005	0,012	0,152	FALSE
-0,029	0,299	-0,002	0,009	0,065	FALSE
-0,047	0,313	-0,001	0,010	0,056	FALSE
-0,024	0,303	-0,001	0,009	0,061	FALSE
-0,048	0,336	-0,001	0,009	0,058	FALSE
0,081	0,322	0,003	0,010	0,132	FALSE
-0,009	0,310	-0,001	0,013	0,039	FALSE
-0,055	0,301	-0,001	0,010	0,031	FALSE
0,092	0,320	0,003	0,010	0,125	FALSE
-0,019	0,310	-0,001	0,009	0,034	FALSE
-0,075	0,299	-0,001	0,007	0,065	FALSE
0,046	0,320	0,001	0,008	0,047	FALSE
0,079	0,308	0,002	0,008	0,086	FALSE
0,132	0,304	0,005	0,010	0,212	FALSE

0,102	0,307	0,003	0,012	0,111	FALSE
-0,117	0,296	-0,005	0,012	0,162	FALSE
0,048	0,311	0,003	0,013	0,076	FALSE
-0,017	0,317	0,000	0,007	0,010	FALSE
0,106	0,299	0,003	0,009	0,124	FALSE
0,061	0,297	0,001	0,010	0,054	FALSE
-0,137	0,299	-0,005	0,011	0,209	FALSE
0,113	0,307	0,005	0,011	0,194	FALSE
-0,012	0,315	0,000	0,007	0,003	FALSE
0,000	0,310	0,000	0,006	0,000	FALSE
-0,072	0,299	-0,002	0,011	0,080	FALSE
0,085	0,298	0,002	0,008	0,082	FALSE
-0,002	0,294	-0,001	0,012	0,018	FALSE
-0,168	0,299	-0,005	0,010	0,207	FALSE
-0,013	0,300	0,000	0,008	0,018	FALSE
0,041	0,305	0,002	0,008	0,075	FALSE
0,079	0,311	0,002	0,007	0,113	FALSE
0,070	0,311	0,002	0,008	0,102	FALSE
0,080	0,305	0,002	0,006	0,132	FALSE
0,033	0,313	0,001	0,010	0,049	FALSE
-0,047	0,320	-0,001	0,009	0,055	FALSE
0,044	0,306	0,001	0,013	0,038	FALSE
-0,033	0,317	-0,001	0,012	0,043	FALSE
0,084	0,317	0,003	0,013	0,098	FALSE
0,078	0,302	0,002	0,013	0,054	FALSE
-0,063	0,310	-0,003	0,012	0,091	FALSE
-0,200	0,293	-0,005	0,007	0,299	FALSE
-0,202	0,286	-0,004	0,007	0,304	FALSE
0,002	0,310	0,000	0,008	0,013	FALSE
-0,099	0,312	-0,002	0,008	0,104	FALSE
-0,006	0,304	0,000	0,008	0,011	FALSE
-0,117	0,303	-0,005	0,010	0,218	FALSE
0,029	0,300	0,001	0,008	0,037	FALSE
-0,082	0,324	-0,002	0,009	0,084	FALSE
0,021	0,308	0,001	0,009	0,022	FALSE
0,054	0,298	0,001	0,006	0,068	FALSE
0,076	0,313	0,002	0,007	0,110	FALSE
0,023	0,304	0,001	0,006	0,042	FALSE
0,059	0,293	0,002	0,006	0,098	FALSE
0,057	0,312	0,002	0,009	0,091	FALSE
-0,044	0,302	-0,001	0,006	0,040	FALSE
0,038	0,298	0,001	0,013	0,023	FALSE
-0,001	0,305	-0,001	0,008	0,024	FALSE
-0,006	0,307	0,000	0,011	0,010	FALSE
-0,024	0,304	-0,001	0,007	0,065	FALSE
-0,034	0,293	-0,002	0,008	0,077	FALSE
-0,020	0,301	0,000	0,012	0,007	FALSE
-0,022	0,306	-0,001	0,008	0,028	FALSE
0,050	0,313	0,002	0,012	0,060	FALSE
-0,015	0,306	0,000	0,008	0,015	FALSE
0,024	0,308	0,000	0,008	0,003	FALSE
-0,014	0,314	-0,001	0,006	0,041	FALSE
-0,046	0,315	-0,002	0,010	0,074	FALSE

0,132	0,294	0,005	0,009	0,220	FALSE
-0,039	0,321	-0,001	0,008	0,042	FALSE
-0,046	0,306	-0,001	0,006	0,049	FALSE
0,048	0,307	0,001	0,008	0,067	FALSE
0,037	0,292	0,001	0,009	0,047	FALSE
-0,029	0,306	0,000	0,007	0,015	FALSE
-0,059	0,291	-0,002	0,009	0,079	FALSE
0,177	0,308	0,006	0,012	0,210	FALSE
-0,137	0,300	-0,003	0,007	0,190	FALSE
-0,022	0,311	-0,001	0,009	0,049	FALSE
-0,126	0,300	-0,005	0,010	0,204	FALSE
-0,113	0,302	-0,005	0,012	0,181	FALSE
-0,045	0,306	-0,002	0,007	0,082	FALSE
-0,043	0,330	-0,001	0,007	0,038	FALSE
0,029	0,299	0,001	0,012	0,034	FALSE
0,027	0,304	0,001	0,008	0,038	FALSE
-0,032	0,311	-0,001	0,011	0,048	FALSE
0,013	0,313	0,000	0,008	0,013	FALSE
0,057	0,304	0,002	0,011	0,078	FALSE
0,051	0,305	0,002	0,010	0,082	FALSE
-0,018	0,292	-0,002	0,013	0,054	FALSE
0,082	0,305	0,003	0,008	0,115	FALSE
0,048	0,314	0,002	0,011	0,056	FALSE
0,019	0,317	0,001	0,008	0,027	FALSE
0,084	0,303	0,002	0,011	0,087	FALSE
-0,176	0,297	-0,006	0,010	0,265	FALSE
-0,075	0,304	-0,003	0,012	0,091	FALSE
-0,076	0,315	-0,003	0,013	0,092	FALSE
0,033	0,299	0,001	0,006	0,060	FALSE
-0,036	0,313	-0,002	0,011	0,061	FALSE
-0,033	0,302	-0,002	0,010	0,075	FALSE
-0,001	0,297	-0,001	0,010	0,038	FALSE
-0,135	0,300	-0,004	0,008	0,192	FALSE
0,100	0,309	0,004	0,012	0,132	FALSE
0,068	0,304	0,002	0,011	0,083	FALSE
0,110	0,309	0,004	0,010	0,173	FALSE
0,039	0,312	0,002	0,012	0,066	FALSE
-0,019	0,306	-0,001	0,007	0,026	FALSE
-0,042	0,304	-0,001	0,008	0,058	FALSE
-0,010	0,303	0,000	0,008	0,005	FALSE
0,032	0,310	0,001	0,006	0,063	FALSE
-0,010	0,319	0,000	0,007	0,005	FALSE
0,015	0,304	0,000	0,008	0,021	FALSE
0,010	0,311	0,001	0,007	0,027	FALSE
-0,041	0,321	-0,001	0,007	0,069	FALSE
-0,058	0,309	-0,001	0,007	0,050	FALSE
-0,038	0,303	-0,001	0,010	0,032	FALSE
0,049	0,317	0,001	0,007	0,052	FALSE
-0,008	0,307	0,000	0,007	0,016	FALSE
-0,050	0,312	-0,002	0,008	0,094	FALSE
-0,031	0,308	-0,001	0,007	0,057	FALSE
-0,082	0,309	-0,003	0,013	0,074	FALSE
0,121	0,286	0,004	0,008	0,247	FALSE

-0,058	0,314	-0,003	0,013	0,093	FALSE
0,101	0,293	0,003	0,007	0,160	FALSE
-0,022	0,299	-0,001	0,010	0,038	FALSE
-0,157	0,303	-0,006	0,013	0,202	FALSE
0,044	0,303	0,002	0,013	0,056	FALSE
0,031	0,312	0,001	0,009	0,036	FALSE
0,009	0,307	-0,001	0,013	0,023	FALSE
-0,011	0,302	0,000	0,010	0,000	FALSE
0,069	0,306	0,003	0,011	0,086	FALSE
0,082	0,306	0,003	0,011	0,084	FALSE
0,055	0,307	0,002	0,011	0,062	FALSE
0,033	0,313	0,001	0,008	0,063	FALSE
0,047	0,313	0,001	0,008	0,047	FALSE
0,097	0,325	0,002	0,008	0,127	FALSE
-0,014	0,305	0,000	0,007	0,024	FALSE
-0,068	0,306	-0,001	0,007	0,086	FALSE
-0,023	0,300	0,000	0,006	0,012	FALSE
0,084	0,293	0,003	0,011	0,103	FALSE
0,248	0,289	0,007	0,007	0,430	FALSE
0,001	0,311	-0,001	0,012	0,032	FALSE
-0,064	0,315	-0,003	0,011	0,096	FALSE
0,110	0,312	0,004	0,010	0,150	FALSE
0,058	0,294	0,001	0,007	0,032	FALSE
0,088	0,311	0,004	0,013	0,113	FALSE
-0,158	0,287	-0,006	0,009	0,263	FALSE
-0,063	0,303	-0,002	0,007	0,096	FALSE
-0,102	0,308	-0,004	0,011	0,133	FALSE
-0,031	0,300	-0,001	0,009	0,037	FALSE
0,087	0,291	0,002	0,006	0,104	FALSE
-0,032	0,322	-0,002	0,011	0,067	FALSE
-0,139	0,296	-0,003	0,006	0,176	FALSE
-0,054	0,306	-0,002	0,010	0,086	FALSE
-0,006	0,303	0,000	0,007	0,004	FALSE
0,054	0,312	0,001	0,008	0,062	FALSE
0,106	0,296	0,003	0,007	0,150	FALSE
-0,017	0,317	0,000	0,007	0,014	FALSE
0,063	0,306	0,002	0,008	0,089	FALSE
0,034	0,300	0,001	0,008	0,047	FALSE
-0,051	0,308	-0,001	0,009	0,042	FALSE
-0,031	0,300	-0,001	0,008	0,030	FALSE
-0,070	0,322	-0,002	0,008	0,074	FALSE
-0,142	0,313	-0,007	0,013	0,209	FALSE
-0,086	0,304	-0,004	0,013	0,128	FALSE
0,089	0,317	0,002	0,007	0,122	FALSE
-0,026	0,310	0,000	0,009	0,008	FALSE
0,065	0,295	0,002	0,011	0,070	FALSE
-0,017	0,299	-0,001	0,008	0,027	FALSE
0,183	0,298	0,008	0,012	0,276	FALSE
-0,046	0,309	-0,001	0,007	0,041	FALSE
0,062	0,305	0,002	0,011	0,063	FALSE
-0,067	0,298	-0,001	0,006	0,074	FALSE
0,039	0,315	0,001	0,013	0,036	FALSE
-0,070	0,308	-0,001	0,007	0,062	FALSE

0,155	0,298	0,005	0,011	0,200	FALSE
0,025	0,325	0,000	0,009	0,017	FALSE
0,016	0,309	0,001	0,008	0,032	FALSE
0,063	0,288	0,002	0,009	0,094	FALSE
-0,001	0,312	0,000	0,009	0,007	FALSE
-0,003	0,298	0,000	0,012	0,009	FALSE
-0,055	0,306	-0,002	0,011	0,064	FALSE
0,133	0,300	0,003	0,008	0,169	FALSE
0,040	0,307	0,001	0,008	0,022	FALSE
-0,003	0,303	0,000	0,006	0,008	FALSE
-0,185	0,303	-0,008	0,013	0,267	FALSE
-0,097	0,308	-0,003	0,010	0,108	FALSE
-0,030	0,306	-0,001	0,009	0,054	FALSE
0,048	0,309	0,001	0,007	0,037	FALSE
0,108	0,309	0,002	0,007	0,133	FALSE
-0,135	0,304	-0,004	0,008	0,213	FALSE
-0,052	0,313	-0,001	0,007	0,070	FALSE
0,136	0,305	0,003	0,007	0,158	FALSE
0,002	0,310	0,000	0,007	0,024	FALSE
-0,048	0,308	-0,002	0,010	0,096	FALSE
-0,123	0,308	-0,003	0,007	0,176	FALSE
0,067	0,314	0,002	0,013	0,071	FALSE
-0,039	0,316	-0,001	0,007	0,048	FALSE
0,093	0,304	0,002	0,010	0,088	FALSE
-0,089	0,298	-0,003	0,010	0,103	FALSE
0,212	0,279	0,007	0,012	0,272	FALSE
-0,020	0,301	0,000	0,008	0,008	FALSE
0,015	0,298	0,000	0,011	0,013	FALSE
0,025	0,302	0,000	0,009	0,016	FALSE
0,091	0,285	0,002	0,006	0,128	FALSE
0,034	0,315	0,001	0,007	0,024	FALSE
-0,023	0,312	0,000	0,007	0,005	FALSE
-0,045	0,301	-0,001	0,009	0,045	FALSE
-0,011	0,307	0,001	0,010	0,029	FALSE
0,008	0,304	0,001	0,013	0,025	FALSE
0,086	0,300	0,002	0,007	0,111	FALSE
0,012	0,292	0,000	0,008	0,007	FALSE
0,019	0,303	0,001	0,009	0,031	FALSE
0,094	0,308	0,002	0,010	0,097	FALSE
0,002	0,304	0,000	0,013	0,000	FALSE
-0,002	0,301	0,000	0,007	0,003	FALSE
-0,014	0,310	0,000	0,009	0,001	FALSE
0,009	0,298	0,001	0,008	0,028	FALSE
-0,018	0,292	0,000	0,008	0,006	FALSE
-0,116	0,295	-0,003	0,008	0,160	FALSE
0,020	0,311	0,001	0,006	0,056	FALSE
-0,055	0,304	-0,002	0,010	0,075	FALSE
-0,022	0,311	-0,001	0,007	0,057	FALSE
-0,109	0,300	-0,002	0,007	0,117	FALSE
-0,003	0,306	-0,001	0,009	0,028	FALSE
-0,042	0,313	-0,001	0,007	0,055	FALSE
-0,055	0,309	-0,001	0,007	0,071	FALSE
0,017	0,304	0,000	0,013	0,003	FALSE

0,000	0,317	0,000	0,010	0,002	FALSE
0,048	0,309	0,002	0,009	0,063	FALSE
-0,006	0,310	0,000	0,012	0,000	FALSE
-0,023	0,303	0,000	0,012	0,008	FALSE
0,183	0,299	0,004	0,007	0,250	FALSE
0,062	0,307	0,001	0,009	0,031	FALSE
0,056	0,315	0,002	0,009	0,093	FALSE
0,003	0,307	0,000	0,009	0,008	FALSE
-0,048	0,310	-0,002	0,012	0,075	FALSE
0,087	0,305	0,002	0,007	0,095	FALSE
-0,038	0,306	-0,002	0,009	0,096	FALSE
-0,057	0,318	-0,001	0,007	0,058	FALSE
0,039	0,313	0,001	0,008	0,067	FALSE
0,186	0,309	0,006	0,011	0,233	FALSE
0,089	0,303	0,002	0,007	0,108	FALSE
-0,095	0,316	-0,003	0,011	0,101	FALSE
-0,010	0,318	0,000	0,007	0,019	FALSE
0,004	0,307	0,000	0,007	0,015	FALSE
-0,085	0,311	-0,002	0,007	0,101	FALSE
-0,034	0,301	-0,001	0,008	0,055	FALSE
0,036	0,300	0,001	0,012	0,030	FALSE
0,035	0,293	0,001	0,011	0,035	FALSE
0,180	0,295	0,006	0,010	0,252	FALSE
0,013	0,310	0,001	0,013	0,020	FALSE
-0,120	0,319	-0,005	0,013	0,146	FALSE
0,001	0,292	0,000	0,011	0,009	FALSE
0,074	0,297	0,002	0,006	0,116	FALSE
-0,101	0,305	-0,005	0,012	0,160	FALSE
-0,009	0,306	-0,001	0,012	0,022	FALSE
-0,052	0,308	-0,001	0,008	0,049	FALSE
0,034	0,306	0,001	0,008	0,057	FALSE
0,036	0,311	0,001	0,008	0,036	FALSE
0,034	0,308	0,001	0,009	0,045	FALSE
-0,013	0,316	0,000	0,007	0,016	FALSE
-0,045	0,308	-0,002	0,012	0,050	FALSE
-0,012	0,306	0,000	0,010	0,012	FALSE
-0,020	0,306	-0,001	0,008	0,036	FALSE
-0,044	0,320	-0,002	0,012	0,051	FALSE
-0,105	0,309	-0,004	0,013	0,117	FALSE
-0,078	0,309	-0,003	0,012	0,100	FALSE
-0,072	0,315	-0,003	0,013	0,090	FALSE
-0,032	0,326	-0,001	0,007	0,058	FALSE
0,024	0,323	0,001	0,013	0,024	FALSE
-0,040	0,326	-0,002	0,013	0,046	FALSE
-0,019	0,307	-0,001	0,008	0,034	FALSE
0,000	0,321	0,000	0,011	0,011	FALSE
0,023	0,310	0,000	0,009	0,008	FALSE
-0,071	0,316	-0,002	0,008	0,067	FALSE
-0,104	0,301	-0,005	0,011	0,165	FALSE
-0,050	0,314	-0,002	0,009	0,065	FALSE
-0,092	0,316	-0,002	0,007	0,112	FALSE
-0,027	0,301	-0,001	0,012	0,029	FALSE
-0,084	0,314	-0,003	0,013	0,084	FALSE

0,045	0,308	0,002	0,012	0,068	FALSE
0,075	0,295	0,004	0,012	0,117	FALSE
0,081	0,307	0,002	0,010	0,059	FALSE
0,046	0,294	0,001	0,010	0,018	FALSE
-0,066	0,313	-0,001	0,008	0,052	FALSE
-0,062	0,307	-0,001	0,007	0,069	FALSE
0,011	0,291	0,000	0,007	0,015	FALSE
0,000	0,307	0,000	0,009	0,008	FALSE
-0,024	0,308	-0,001	0,008	0,033	FALSE
-0,035	0,308	-0,001	0,012	0,044	FALSE
0,027	0,304	0,002	0,010	0,065	FALSE
-0,073	0,306	-0,001	0,006	0,071	FALSE
0,058	0,304	0,002	0,008	0,079	FALSE
0,029	0,307	0,001	0,006	0,041	FALSE
-0,019	0,313	-0,001	0,013	0,015	FALSE
0,110	0,300	0,003	0,007	0,144	FALSE
0,033	0,322	0,001	0,010	0,039	FALSE
0,092	0,315	0,002	0,007	0,141	FALSE
-0,026	0,308	-0,001	0,007	0,046	FALSE
-0,076	0,315	-0,002	0,008	0,093	FALSE
-0,056	0,318	-0,002	0,008	0,075	FALSE
-0,036	0,302	-0,002	0,013	0,054	FALSE
-0,002	0,295	0,001	0,011	0,017	FALSE
0,045	0,305	0,001	0,007	0,062	FALSE
0,074	0,296	0,003	0,009	0,113	FALSE
-0,022	0,290	-0,001	0,006	0,037	FALSE
0,014	0,304	0,001	0,007	0,048	FALSE
0,003	0,302	0,000	0,008	0,019	FALSE
-0,070	0,312	-0,003	0,013	0,100	FALSE
0,028	0,311	0,001	0,009	0,031	FALSE
-0,137	0,308	-0,004	0,008	0,176	FALSE
0,031	0,307	0,000	0,011	0,010	FALSE
0,008	0,324	0,001	0,013	0,027	FALSE
-0,007	0,305	-0,002	0,012	0,048	FALSE
-0,022	0,311	-0,001	0,007	0,033	FALSE
-0,170	0,309	-0,004	0,008	0,205	FALSE
-0,017	0,309	0,000	0,011	0,002	FALSE
-0,100	0,296	-0,005	0,013	0,152	FALSE
0,065	0,307	0,001	0,007	0,073	FALSE
0,070	0,297	0,002	0,009	0,084	FALSE
-0,054	0,303	-0,001	0,007	0,054	FALSE
0,026	0,314	0,001	0,008	0,028	FALSE
0,022	0,297	0,000	0,009	0,001	FALSE
-0,039	0,307	0,000	0,008	0,015	FALSE
-0,096	0,314	-0,003	0,010	0,115	FALSE
-0,077	0,315	-0,002	0,008	0,069	FALSE
-0,013	0,298	-0,001	0,006	0,045	FALSE
-0,047	0,309	-0,001	0,006	0,060	FALSE
-0,046	0,318	-0,001	0,007	0,072	FALSE
-0,115	0,299	-0,002	0,006	0,143	FALSE
0,068	0,310	0,003	0,010	0,104	FALSE
0,154	0,311	0,004	0,009	0,201	FALSE
-0,074	0,319	-0,002	0,010	0,083	FALSE

-0,063	0,294	-0,002	0,009	0,097	FALSE
-0,073	0,307	-0,001	0,007	0,070	FALSE
-0,091	0,310	-0,002	0,007	0,121	FALSE
0,102	0,299	0,005	0,013	0,177	FALSE
0,023	0,311	0,001	0,006	0,044	FALSE
0,088	0,308	0,003	0,010	0,136	FALSE
-0,013	0,290	0,000	0,006	0,004	FALSE
-0,040	0,303	-0,003	0,013	0,075	FALSE
-0,004	0,306	0,000	0,007	0,001	FALSE
-0,101	0,304	-0,002	0,006	0,120	FALSE
-0,131	0,289	-0,003	0,006	0,177	FALSE
-0,139	0,298	-0,003	0,006	0,179	FALSE
0,136	0,303	0,007	0,013	0,226	FALSE
0,126	0,301	0,005	0,012	0,174	FALSE
-0,064	0,311	-0,004	0,011	0,124	FALSE
0,154	0,305	0,003	0,008	0,179	FALSE
-0,086	0,294	-0,004	0,011	0,143	FALSE
0,037	0,307	0,001	0,006	0,057	FALSE
0,067	0,293	0,002	0,012	0,074	FALSE
0,080	0,312	0,002	0,010	0,088	FALSE
-0,166	0,302	-0,004	0,007	0,210	FALSE
-0,029	0,315	-0,001	0,009	0,043	FALSE
-0,074	0,300	-0,002	0,007	0,117	FALSE
0,039	0,305	0,001	0,008	0,025	FALSE
-0,039	0,308	-0,001	0,007	0,054	FALSE
-0,118	0,306	-0,003	0,008	0,159	FALSE
-0,023	0,317	0,000	0,007	0,016	FALSE
0,028	0,306	0,001	0,013	0,033	FALSE
-0,026	0,296	-0,002	0,012	0,046	FALSE
0,054	0,319	0,001	0,010	0,052	FALSE
0,027	0,313	0,001	0,006	0,046	FALSE
-0,021	0,299	0,000	0,007	0,009	FALSE
-0,034	0,318	-0,001	0,012	0,034	FALSE
0,139	0,302	0,003	0,007	0,206	FALSE
0,013	0,301	0,001	0,006	0,045	FALSE
-0,025	0,302	-0,001	0,009	0,022	FALSE
0,086	0,298	0,002	0,006	0,129	FALSE
0,051	0,321	0,002	0,011	0,055	FALSE
0,068	0,301	0,002	0,007	0,111	FALSE
0,135	0,308	0,004	0,012	0,148	FALSE
0,021	0,306	0,002	0,012	0,049	FALSE
0,031	0,312	0,001	0,011	0,045	FALSE
-0,145	0,307	-0,003	0,008	0,165	FALSE
-0,129	0,320	-0,005	0,011	0,189	FALSE
0,085	0,300	0,002	0,007	0,125	FALSE
0,031	0,309	0,001	0,008	0,054	FALSE
-0,063	0,313	-0,003	0,011	0,109	FALSE
0,058	0,310	0,003	0,011	0,111	FALSE
-0,006	0,321	0,000	0,008	0,010	FALSE
0,064	0,306	0,003	0,012	0,101	FALSE
-0,018	0,306	-0,001	0,012	0,026	FALSE
-0,066	0,298	-0,002	0,007	0,106	FALSE
-0,078	0,312	-0,002	0,007	0,120	FALSE

-0,041	0,307	-0,001	0,007	0,070	FALSE
-0,066	0,306	-0,002	0,007	0,112	FALSE
0,051	0,319	0,002	0,009	0,076	FALSE
-0,060	0,296	-0,002	0,008	0,088	FALSE
-0,055	0,300	-0,002	0,007	0,080	FALSE
-0,025	0,318	-0,001	0,006	0,053	FALSE
-0,019	0,317	-0,001	0,007	0,032	FALSE
-0,027	0,314	-0,001	0,007	0,048	FALSE
-0,034	0,325	-0,001	0,006	0,045	FALSE
-0,014	0,302	-0,001	0,009	0,038	FALSE
-0,026	0,300	-0,001	0,006	0,042	FALSE
-0,027	0,304	-0,001	0,010	0,027	FALSE
-0,047	0,302	-0,001	0,006	0,062	FALSE
-0,024	0,309	-0,001	0,007	0,041	FALSE
0,057	0,301	0,002	0,007	0,092	FALSE
0,018	0,306	0,000	0,009	0,010	FALSE
0,002	0,313	0,000	0,009	0,003	FALSE
-0,004	0,298	0,000	0,011	0,009	FALSE
0,095	0,294	0,003	0,011	0,099	FALSE
-0,150	0,302	-0,006	0,012	0,218	FALSE
-0,146	0,301	-0,006	0,012	0,205	FALSE
-0,099	0,304	-0,003	0,011	0,125	FALSE
-0,095	0,307	-0,002	0,007	0,129	FALSE
0,047	0,301	0,001	0,008	0,038	FALSE
-0,063	0,313	-0,002	0,009	0,081	FALSE
-0,071	0,315	-0,001	0,007	0,064	FALSE
0,094	0,314	0,002	0,008	0,082	FALSE
0,107	0,309	0,002	0,007	0,150	FALSE
-0,093	0,301	-0,003	0,012	0,109	FALSE
0,004	0,313	0,000	0,009	0,006	FALSE
-0,038	0,308	-0,001	0,011	0,029	FALSE
-0,018	0,297	0,000	0,011	0,000	FALSE
0,064	0,314	0,003	0,013	0,082	FALSE
0,044	0,313	0,001	0,010	0,050	FALSE
-0,061	0,307	-0,003	0,010	0,103	FALSE
0,087	0,296	0,003	0,010	0,128	FALSE
-0,038	0,307	-0,001	0,007	0,036	FALSE
0,145	0,296	0,005	0,011	0,192	FALSE
-0,107	0,293	-0,005	0,010	0,184	FALSE
-0,045	0,331	-0,001	0,009	0,057	FALSE
-0,075	0,304	-0,003	0,009	0,105	FALSE
0,108	0,289	0,004	0,013	0,111	FALSE
0,053	0,297	0,001	0,013	0,039	FALSE
0,069	0,298	0,002	0,013	0,053	FALSE
0,133	0,292	0,006	0,010	0,233	FALSE
0,039	0,306	0,001	0,010	0,039	FALSE
0,004	0,310	0,000	0,011	0,008	FALSE
0,026	0,320	0,001	0,007	0,048	FALSE
0,000	0,325	0,000	0,007	0,025	FALSE
-0,075	0,304	-0,002	0,009	0,061	FALSE
-0,027	0,300	-0,001	0,008	0,027	FALSE
0,036	0,295	0,001	0,007	0,057	FALSE
-0,004	0,315	0,000	0,009	0,010	FALSE

0,059	0,303	0,002	0,008	0,085	FALSE
0,069	0,311	0,002	0,008	0,101	FALSE
0,077	0,314	0,003	0,008	0,126	FALSE
-0,011	0,308	0,000	0,007	0,010	FALSE
0,017	0,297	0,001	0,009	0,041	FALSE
0,045	0,310	0,002	0,010	0,061	FALSE
0,009	0,325	0,000	0,013	0,002	FALSE
0,041	0,314	0,001	0,009	0,033	FALSE
0,075	0,298	0,002	0,011	0,076	FALSE
-0,097	0,310	-0,003	0,010	0,129	FALSE
-0,087	0,293	-0,002	0,007	0,119	FALSE
-0,073	0,313	-0,003	0,010	0,094	FALSE
-0,075	0,308	-0,002	0,009	0,073	FALSE
-0,037	0,305	-0,001	0,007	0,052	FALSE
-0,095	0,310	-0,002	0,007	0,097	FALSE
-0,107	0,309	-0,002	0,007	0,108	FALSE
0,020	0,316	0,000	0,013	0,006	FALSE
0,088	0,295	0,002	0,007	0,098	FALSE
0,071	0,325	0,003	0,009	0,119	FALSE
-0,019	0,288	-0,001	0,008	0,053	FALSE
0,133	0,311	0,004	0,008	0,191	FALSE
0,038	0,305	0,001	0,007	0,075	FALSE
-0,034	0,286	0,000	0,007	0,011	FALSE
0,016	0,325	0,000	0,008	0,013	FALSE
-0,027	0,318	0,000	0,008	0,014	FALSE
-0,053	0,320	-0,001	0,008	0,045	FALSE
0,008	0,298	0,000	0,008	0,003	FALSE
-0,081	0,299	-0,002	0,009	0,092	FALSE
-0,049	0,315	-0,001	0,009	0,052	FALSE
0,049	0,306	0,001	0,010	0,031	FALSE
-0,043	0,324	-0,001	0,007	0,070	FALSE
-0,041	0,316	-0,001	0,008	0,055	FALSE
-0,062	0,318	-0,003	0,012	0,080	FALSE
0,007	0,314	0,000	0,013	0,003	FALSE
0,044	0,309	0,001	0,007	0,056	FALSE
0,073	0,298	0,002	0,007	0,094	FALSE
-0,151	0,295	-0,005	0,010	0,214	FALSE
0,056	0,317	0,001	0,006	0,076	FALSE
0,062	0,312	0,002	0,013	0,070	FALSE
0,109	0,311	0,004	0,010	0,142	FALSE
0,051	0,310	0,001	0,010	0,055	FALSE
-0,041	0,316	-0,002	0,010	0,069	FALSE
-0,024	0,307	-0,001	0,009	0,052	FALSE
-0,203	0,308	-0,007	0,011	0,291	FALSE
-0,067	0,296	-0,002	0,006	0,098	FALSE
-0,070	0,320	-0,003	0,012	0,093	FALSE
-0,007	0,297	0,000	0,006	0,022	FALSE
0,003	0,300	0,000	0,008	0,005	FALSE
-0,005	0,317	0,000	0,012	0,008	FALSE
-0,032	0,310	-0,001	0,010	0,034	FALSE
-0,004	0,309	-0,001	0,013	0,024	FALSE
0,066	0,300	0,002	0,007	0,133	FALSE
-0,080	0,307	-0,003	0,012	0,098	FALSE

-0,031	0,318	-0,001	0,011	0,037	FALSE
0,066	0,309	0,003	0,012	0,099	FALSE
-0,093	0,311	-0,003	0,011	0,111	FALSE
0,055	0,309	0,001	0,006	0,085	FALSE
0,106	0,320	0,004	0,011	0,150	FALSE
0,013	0,310	0,000	0,011	0,007	FALSE
-0,077	0,311	-0,003	0,008	0,132	FALSE
0,007	0,312	0,000	0,007	0,022	FALSE
-0,086	0,304	-0,002	0,007	0,124	FALSE
0,030	0,314	0,001	0,007	0,044	FALSE
0,026	0,309	0,001	0,007	0,038	FALSE
0,066	0,312	0,002	0,013	0,057	FALSE
0,123	0,317	0,003	0,008	0,146	FALSE
0,008	0,310	0,001	0,013	0,027	FALSE
0,032	0,312	0,002	0,012	0,049	FALSE
0,008	0,308	0,001	0,013	0,019	FALSE
0,065	0,311	0,003	0,011	0,098	FALSE
0,000	0,304	0,001	0,010	0,021	FALSE
0,052	0,300	0,001	0,011	0,048	FALSE
0,035	0,322	0,002	0,008	0,069	FALSE
-0,117	0,301	-0,003	0,008	0,141	FALSE
0,100	0,312	0,003	0,012	0,110	FALSE
0,103	0,297	0,004	0,012	0,121	FALSE
0,015	0,305	0,001	0,010	0,025	FALSE
-0,131	0,298	-0,003	0,007	0,195	FALSE
0,078	0,303	0,003	0,009	0,114	FALSE
0,047	0,297	0,002	0,010	0,068	FALSE
0,015	0,293	0,000	0,012	0,005	FALSE
0,021	0,306	0,000	0,010	0,002	FALSE
0,026	0,319	0,000	0,010	0,009	FALSE
-0,003	0,311	0,000	0,010	0,014	FALSE
0,005	0,308	0,000	0,010	0,001	FALSE
-0,040	0,311	-0,001	0,013	0,035	FALSE
-0,080	0,313	-0,003	0,012	0,111	FALSE
-0,074	0,304	-0,004	0,012	0,128	FALSE
0,035	0,305	0,001	0,007	0,067	FALSE
0,014	0,315	0,001	0,012	0,018	FALSE
-0,017	0,318	0,000	0,008	0,005	FALSE
0,000	0,310	0,000	0,007	0,014	FALSE
-0,050	0,301	-0,001	0,006	0,044	FALSE
0,030	0,314	0,001	0,007	0,054	FALSE
0,036	0,320	0,002	0,013	0,051	FALSE
0,027	0,309	0,001	0,008	0,025	FALSE
-0,119	0,304	-0,003	0,008	0,140	FALSE
-0,028	0,317	-0,002	0,012	0,049	FALSE
-0,081	0,308	-0,004	0,013	0,129	FALSE
-0,025	0,319	0,000	0,009	0,010	FALSE
-0,029	0,305	-0,001	0,009	0,026	FALSE
0,052	0,310	0,002	0,009	0,071	FALSE
0,091	0,311	0,002	0,009	0,088	FALSE
0,010	0,313	0,000	0,008	0,002	FALSE
0,249	0,289	0,006	0,006	0,429	FALSE
0,029	0,312	0,001	0,011	0,025	FALSE

-0,012	0,295	0,000	0,006	0,028	FALSE
0,121	0,308	0,003	0,009	0,113	FALSE
0,011	0,315	0,000	0,011	0,015	FALSE
0,022	0,302	0,001	0,006	0,053	FALSE
-0,006	0,317	0,000	0,009	0,002	FALSE
-0,029	0,304	-0,001	0,008	0,028	FALSE
0,004	0,303	-0,001	0,012	0,030	FALSE
-0,121	0,300	-0,004	0,009	0,200	FALSE
0,133	0,295	0,006	0,011	0,211	FALSE
0,050	0,313	0,002	0,010	0,060	FALSE
0,007	0,306	0,000	0,011	0,012	FALSE
-0,039	0,301	-0,001	0,012	0,044	FALSE
-0,067	0,304	-0,002	0,007	0,089	FALSE
-0,055	0,293	-0,002	0,011	0,066	FALSE
-0,059	0,307	-0,002	0,011	0,053	FALSE
-0,147	0,300	-0,005	0,011	0,207	FALSE
0,011	0,308	0,000	0,009	0,000	FALSE
0,008	0,311	0,001	0,011	0,025	FALSE
-0,053	0,299	-0,001	0,009	0,045	FALSE
-0,005	0,296	-0,001	0,009	0,041	FALSE
-0,005	0,309	0,000	0,012	0,002	FALSE
0,068	0,316	0,001	0,007	0,060	FALSE
0,010	0,314	0,001	0,010	0,054	FALSE
-0,022	0,315	-0,001	0,012	0,029	FALSE
-0,001	0,319	0,000	0,011	0,000	FALSE
0,014	0,304	0,001	0,011	0,019	FALSE
0,034	0,310	0,001	0,008	0,057	FALSE
0,018	0,301	0,000	0,009	0,012	FALSE
0,076	0,316	0,002	0,007	0,096	FALSE
-0,019	0,307	-0,001	0,009	0,063	FALSE
-0,031	0,323	-0,001	0,007	0,048	FALSE
0,063	0,319	0,002	0,007	0,095	FALSE
0,033	0,304	0,001	0,007	0,040	FALSE
0,077	0,301	0,003	0,011	0,116	FALSE
0,045	0,323	0,002	0,012	0,077	FALSE
0,094	0,316	0,002	0,006	0,117	FALSE
0,104	0,312	0,003	0,007	0,157	FALSE
-0,119	0,314	-0,005	0,013	0,159	FALSE
0,127	0,305	0,005	0,012	0,169	FALSE
0,115	0,302	0,005	0,011	0,161	FALSE
-0,042	0,313	-0,002	0,012	0,055	FALSE
0,021	0,288	0,002	0,011	0,056	FALSE
0,000	0,317	0,000	0,012	0,002	FALSE
0,018	0,305	0,000	0,007	0,009	FALSE
-0,005	0,301	0,000	0,012	0,013	FALSE
0,084	0,313	0,002	0,007	0,120	FALSE
0,038	0,316	0,001	0,009	0,035	FALSE
0,032	0,316	0,001	0,007	0,045	FALSE
-0,019	0,312	-0,001	0,011	0,018	FALSE
-0,101	0,301	-0,003	0,008	0,121	FALSE
-0,007	0,299	0,000	0,012	0,003	FALSE
0,028	0,314	0,001	0,011	0,035	FALSE
0,077	0,314	0,003	0,012	0,088	FALSE

-0,060	0,302	-0,002	0,007	0,085	FALSE
-0,025	0,322	0,000	0,010	0,011	FALSE
-0,043	0,305	-0,001	0,011	0,042	FALSE
0,124	0,302	0,003	0,008	0,139	FALSE
0,016	0,312	0,001	0,013	0,025	FALSE
0,021	0,308	0,001	0,010	0,030	FALSE
0,087	0,297	0,003	0,008	0,119	FALSE
0,011	0,292	0,000	0,008	0,004	FALSE
0,044	0,306	0,001	0,007	0,051	FALSE
-0,001	0,312	0,000	0,010	0,014	FALSE
0,083	0,311	0,003	0,013	0,100	FALSE
0,103	0,302	0,002	0,007	0,134	FALSE
-0,031	0,301	-0,001	0,012	0,036	FALSE
0,028	0,309	0,000	0,007	0,008	FALSE
0,107	0,310	0,003	0,007	0,146	FALSE
0,107	0,308	0,004	0,011	0,124	FALSE
0,045	0,297	0,000	0,006	0,024	FALSE
0,082	0,309	0,003	0,013	0,074	FALSE
0,056	0,317	0,002	0,011	0,068	FALSE
-0,038	0,305	0,000	0,010	0,016	FALSE
0,011	0,305	-0,001	0,012	0,020	FALSE
0,122	0,280	0,003	0,006	0,159	FALSE
-0,018	0,321	-0,002	0,013	0,042	FALSE
-0,011	0,329	0,001	0,010	0,020	FALSE
-0,031	0,316	-0,001	0,012	0,035	FALSE
0,030	0,316	0,001	0,008	0,036	FALSE
-0,039	0,309	-0,001	0,007	0,043	FALSE
-0,025	0,306	-0,001	0,009	0,025	FALSE
-0,005	0,314	0,000	0,013	0,010	FALSE
-0,016	0,318	-0,001	0,013	0,024	FALSE
-0,054	0,300	-0,002	0,013	0,070	FALSE
0,035	0,312	0,001	0,007	0,080	FALSE
-0,073	0,288	-0,001	0,008	0,046	FALSE
-0,007	0,294	0,000	0,010	0,006	FALSE
-0,076	0,304	-0,004	0,012	0,117	FALSE
0,100	0,287	0,004	0,011	0,153	FALSE
0,100	0,303	0,002	0,007	0,123	FALSE
-0,075	0,300	-0,002	0,006	0,115	FALSE
0,038	0,305	0,001	0,007	0,057	FALSE
-0,075	0,307	-0,002	0,008	0,100	FALSE
0,040	0,315	0,002	0,011	0,054	FALSE
-0,032	0,306	-0,001	0,007	0,027	FALSE
0,025	0,302	0,000	0,008	0,020	FALSE
-0,110	0,302	-0,003	0,007	0,159	FALSE
0,096	0,318	0,003	0,013	0,077	FALSE
0,116	0,312	0,004	0,012	0,142	FALSE
-0,095	0,305	-0,002	0,008	0,124	FALSE
-0,058	0,308	-0,004	0,012	0,110	FALSE
0,074	0,306	0,001	0,007	0,075	FALSE
0,045	0,315	0,001	0,008	0,058	FALSE
-0,040	0,301	-0,001	0,007	0,051	FALSE
0,141	0,310	0,003	0,007	0,189	FALSE
0,064	0,295	0,003	0,011	0,091	FALSE

0,039	0,303	0,001	0,007	0,054	FALSE
-0,033	0,308	-0,001	0,007	0,063	FALSE
0,003	0,297	0,000	0,006	0,015	FALSE
0,001	0,306	0,000	0,008	0,010	FALSE
0,039	0,311	0,001	0,009	0,024	FALSE
-0,015	0,305	0,000	0,009	0,001	FALSE
0,012	0,307	0,001	0,013	0,042	FALSE
-0,013	0,305	-0,001	0,007	0,028	FALSE
0,013	0,299	0,001	0,008	0,033	FALSE
-0,073	0,321	-0,003	0,009	0,117	FALSE
0,152	0,312	0,004	0,007	0,213	FALSE
0,116	0,306	0,005	0,012	0,144	FALSE
0,122	0,302	0,005	0,013	0,164	FALSE
0,104	0,286	0,003	0,010	0,133	FALSE
0,153	0,296	0,006	0,013	0,212	FALSE
-0,171	0,313	-0,007	0,012	0,247	FALSE
-0,181	0,308	-0,006	0,011	0,247	FALSE
-0,144	0,307	-0,005	0,011	0,203	FALSE
-0,023	0,324	0,000	0,007	0,023	FALSE
-0,130	0,307	-0,002	0,006	0,156	FALSE
-0,129	0,322	-0,005	0,013	0,157	FALSE
0,142	0,307	0,005	0,011	0,212	FALSE
0,145	0,310	0,005	0,011	0,199	FALSE
0,052	0,333	0,002	0,012	0,059	FALSE
0,054	0,306	0,001	0,007	0,074	FALSE
-0,117	0,301	-0,004	0,010	0,166	FALSE
-0,120	0,287	-0,004	0,010	0,168	FALSE
-0,134	0,306	-0,004	0,008	0,195	FALSE
0,058	0,284	0,002	0,009	0,094	FALSE
0,008	0,313	0,000	0,008	0,000	FALSE
0,050	0,302	0,003	0,013	0,085	FALSE
-0,002	0,310	0,000	0,007	0,002	FALSE
-0,078	0,299	-0,002	0,008	0,103	FALSE
-0,094	0,306	-0,004	0,013	0,113	FALSE
0,056	0,309	0,001	0,007	0,056	FALSE
0,118	0,307	0,005	0,012	0,149	FALSE
-0,056	0,300	-0,001	0,008	0,059	FALSE
-0,012	0,307	0,000	0,008	0,015	FALSE
-0,003	0,311	0,000	0,013	0,004	FALSE
-0,106	0,298	-0,002	0,007	0,118	FALSE
0,036	0,325	0,001	0,007	0,071	FALSE
-0,067	0,322	-0,002	0,012	0,068	FALSE
-0,003	0,312	0,000	0,008	0,007	FALSE
0,084	0,312	0,004	0,013	0,110	FALSE
-0,007	0,296	0,000	0,009	0,011	FALSE
0,026	0,298	0,001	0,013	0,030	FALSE
-0,023	0,314	-0,001	0,012	0,022	FALSE
0,103	0,296	0,002	0,006	0,120	FALSE
-0,090	0,294	-0,002	0,009	0,086	FALSE
-0,056	0,313	-0,001	0,007	0,056	FALSE
0,073	0,321	0,002	0,008	0,090	FALSE
0,031	0,315	0,001	0,007	0,037	FALSE
0,018	0,305	0,000	0,006	0,021	FALSE

0,093	0,302	0,002	0,009	0,089	FALSE
0,018	0,310	0,000	0,013	0,010	FALSE
-0,019	0,319	0,000	0,010	0,012	FALSE
0,032	0,302	0,002	0,013	0,045	FALSE
0,117	0,306	0,003	0,008	0,164	FALSE
0,109	0,320	0,003	0,007	0,150	FALSE
0,084	0,312	0,002	0,007	0,115	FALSE
0,092	0,313	0,002	0,008	0,125	FALSE
0,101	0,299	0,003	0,007	0,148	FALSE
0,095	0,316	0,002	0,007	0,137	FALSE
-0,049	0,308	-0,001	0,007	0,048	FALSE
-0,049	0,303	-0,002	0,012	0,069	FALSE
-0,001	0,319	0,000	0,008	0,005	FALSE
-0,050	0,300	-0,002	0,009	0,075	FALSE
0,016	0,301	0,000	0,012	0,008	FALSE
-0,090	0,298	-0,004	0,013	0,112	FALSE
-0,037	0,311	-0,001	0,010	0,033	FALSE
-0,019	0,302	0,000	0,008	0,003	FALSE
0,039	0,299	0,001	0,006	0,043	FALSE
-0,120	0,312	-0,004	0,013	0,141	FALSE
0,016	0,318	0,000	0,007	0,012	FALSE
0,058	0,304	0,001	0,006	0,044	FALSE
0,093	0,305	0,003	0,012	0,080	FALSE
0,122	0,300	0,002	0,006	0,128	FALSE
-0,117	0,300	-0,003	0,008	0,142	FALSE
0,023	0,293	0,001	0,011	0,023	FALSE
0,002	0,305	0,001	0,008	0,042	FALSE
0,017	0,320	0,001	0,013	0,026	FALSE
-0,181	0,306	-0,006	0,009	0,264	FALSE
0,043	0,306	0,002	0,009	0,079	FALSE
-0,013	0,315	0,000	0,007	0,023	FALSE
0,020	0,302	0,001	0,007	0,028	FALSE
-0,072	0,315	-0,002	0,011	0,082	FALSE
0,042	0,295	0,001	0,008	0,048	FALSE
-0,106	0,309	-0,003	0,009	0,111	FALSE
0,073	0,311	0,002	0,011	0,085	FALSE
0,003	0,321	0,000	0,011	0,005	FALSE
-0,026	0,301	-0,002	0,013	0,060	FALSE
-0,098	0,313	-0,002	0,008	0,118	FALSE
0,062	0,321	0,002	0,013	0,061	FALSE
0,077	0,321	0,002	0,009	0,093	FALSE
-0,048	0,301	-0,001	0,008	0,037	FALSE
-0,052	0,299	-0,001	0,006	0,037	FALSE
-0,058	0,308	-0,001	0,007	0,075	FALSE
-0,162	0,300	-0,005	0,010	0,218	FALSE
0,018	0,302	0,000	0,013	0,012	FALSE
-0,125	0,292	-0,004	0,010	0,166	FALSE
-0,103	0,297	-0,003	0,010	0,130	FALSE
0,103	0,299	0,003	0,007	0,153	FALSE
-0,032	0,306	-0,001	0,007	0,035	FALSE
0,111	0,307	0,004	0,010	0,164	FALSE
-0,111	0,309	-0,005	0,012	0,161	FALSE
-0,024	0,306	-0,001	0,009	0,033	FALSE

0,048	0,306	0,002	0,013	0,067	FALSE
-0,009	0,305	0,000	0,008	0,003	FALSE
0,037	0,312	0,001	0,007	0,035	FALSE
0,040	0,314	0,001	0,012	0,044	FALSE
0,003	0,307	0,000	0,007	0,024	FALSE
-0,025	0,302	-0,001	0,007	0,031	FALSE
0,124	0,321	0,004	0,009	0,168	FALSE
0,058	0,311	0,002	0,012	0,053	FALSE
0,139	0,301	0,005	0,009	0,211	FALSE
0,035	0,298	0,001	0,008	0,049	FALSE
0,022	0,302	0,001	0,009	0,036	FALSE
-0,126	0,318	-0,005	0,013	0,141	FALSE
-0,032	0,320	-0,001	0,010	0,050	FALSE
0,001	0,304	0,000	0,006	0,000	FALSE
0,008	0,309	0,000	0,013	0,013	FALSE
-0,019	0,295	0,000	0,009	0,010	FALSE
-0,095	0,297	-0,002	0,008	0,120	FALSE
0,006	0,314	-0,001	0,011	0,016	FALSE
-0,019	0,318	-0,001	0,008	0,029	FALSE
-0,075	0,302	-0,003	0,009	0,118	FALSE
-0,005	0,326	0,000	0,007	0,021	FALSE
-0,074	0,305	-0,002	0,008	0,089	FALSE
-0,025	0,292	-0,001	0,011	0,027	FALSE
0,029	0,307	0,000	0,007	0,023	FALSE
0,023	0,300	0,000	0,007	0,024	FALSE
-0,055	0,311	-0,002	0,009	0,085	FALSE
0,038	0,313	0,001	0,007	0,062	FALSE
-0,087	0,304	-0,002	0,009	0,088	FALSE
0,047	0,306	0,001	0,012	0,042	FALSE
-0,092	0,300	-0,002	0,008	0,074	FALSE
0,038	0,303	0,001	0,009	0,060	FALSE
-0,029	0,314	-0,001	0,008	0,046	FALSE
-0,037	0,309	-0,002	0,008	0,079	FALSE
0,050	0,300	0,001	0,011	0,031	FALSE
-0,156	0,298	-0,004	0,007	0,198	FALSE
-0,003	0,316	0,000	0,007	0,009	FALSE
0,103	0,278	0,003	0,011	0,099	FALSE
-0,096	0,296	-0,003	0,009	0,143	FALSE
0,127	0,306	0,004	0,012	0,136	FALSE
0,055	0,319	0,003	0,013	0,078	FALSE
-0,019	0,309	-0,001	0,010	0,023	FALSE
-0,072	0,310	-0,002	0,008	0,097	FALSE
0,218	0,303	0,007	0,010	0,315	FALSE
0,057	0,300	0,001	0,006	0,065	FALSE
-0,051	0,313	-0,002	0,010	0,061	FALSE
-0,049	0,315	-0,001	0,009	0,053	FALSE
-0,040	0,303	-0,002	0,010	0,077	FALSE
-0,065	0,303	-0,002	0,009	0,081	FALSE
0,057	0,317	0,001	0,008	0,041	FALSE
0,144	0,312	0,005	0,011	0,195	FALSE
-0,150	0,289	-0,004	0,007	0,243	FALSE
-0,014	0,318	0,000	0,007	0,017	FALSE
-0,066	0,309	-0,001	0,007	0,087	FALSE

-0,060	0,320	-0,002	0,010	0,085	FALSE
0,055	0,311	0,002	0,011	0,051	FALSE
-0,168	0,317	-0,004	0,008	0,223	FALSE
0,194	0,297	0,005	0,008	0,263	FALSE
0,122	0,312	0,002	0,007	0,126	FALSE
0,163	0,300	0,004	0,009	0,173	FALSE
0,179	0,296	0,004	0,008	0,230	FALSE
0,001	0,305	0,000	0,009	0,001	FALSE
-0,054	0,301	-0,001	0,008	0,048	FALSE
-0,027	0,296	0,000	0,008	0,015	FALSE
-0,127	0,304	-0,003	0,007	0,181	FALSE
0,072	0,303	0,003	0,012	0,108	FALSE
0,025	0,314	0,001	0,007	0,029	FALSE
0,039	0,307	0,001	0,007	0,055	FALSE
0,036	0,310	0,001	0,007	0,051	FALSE
0,030	0,315	0,001	0,012	0,034	FALSE
0,012	0,317	0,001	0,012	0,018	FALSE
-0,090	0,308	-0,003	0,010	0,123	FALSE
0,241	0,304	0,008	0,011	0,364	FALSE
0,232	0,303	0,008	0,011	0,328	FALSE
-0,048	0,312	-0,002	0,011	0,080	FALSE
-0,125	0,310	-0,004	0,013	0,138	FALSE
-0,071	0,301	-0,002	0,011	0,055	FALSE
-0,024	0,304	-0,001	0,011	0,019	FALSE
-0,050	0,306	-0,001	0,011	0,048	FALSE
-0,062	0,307	-0,002	0,011	0,061	FALSE
-0,035	0,308	-0,001	0,012	0,043	FALSE
0,028	0,305	0,001	0,008	0,060	FALSE
-0,027	0,311	0,000	0,006	0,020	FALSE
-0,004	0,311	0,000	0,007	0,016	FALSE
0,027	0,302	0,000	0,006	0,018	FALSE
-0,060	0,322	-0,001	0,007	0,057	FALSE
-0,089	0,316	-0,002	0,007	0,103	FALSE
0,088	0,302	0,004	0,012	0,130	FALSE
0,070	0,312	0,002	0,007	0,105	FALSE
-0,004	0,302	0,000	0,009	0,011	FALSE
-0,026	0,316	-0,001	0,009	0,040	FALSE
-0,024	0,324	-0,001	0,009	0,038	FALSE
-0,035	0,317	-0,001	0,008	0,055	FALSE
-0,052	0,318	-0,002	0,009	0,089	FALSE
-0,046	0,300	-0,002	0,008	0,071	FALSE
-0,009	0,303	0,000	0,009	0,011	FALSE
0,071	0,308	0,003	0,009	0,132	FALSE
0,078	0,319	0,002	0,010	0,072	FALSE
-0,068	0,304	-0,001	0,009	0,062	FALSE
-0,041	0,319	-0,002	0,012	0,073	FALSE
0,051	0,309	0,002	0,010	0,087	FALSE
-0,029	0,308	-0,001	0,007	0,050	FALSE
-0,054	0,304	-0,001	0,007	0,046	FALSE
-0,087	0,304	-0,003	0,010	0,117	FALSE
-0,092	0,304	-0,002	0,008	0,121	FALSE
0,068	0,304	0,002	0,008	0,103	FALSE
0,077	0,308	0,002	0,012	0,074	FALSE

0,008	0,316	0,000	0,007	0,018	FALSE
0,031	0,300	0,001	0,008	0,023	FALSE
0,029	0,309	0,001	0,007	0,040	FALSE
0,065	0,305	0,004	0,012	0,118	FALSE
0,137	0,315	0,005	0,009	0,214	FALSE
0,061	0,303	0,002	0,009	0,104	FALSE
0,033	0,326	0,001	0,007	0,058	FALSE
0,017	0,319	0,000	0,008	0,009	FALSE
-0,048	0,303	-0,002	0,008	0,084	FALSE
0,057	0,306	0,002	0,008	0,084	FALSE
-0,024	0,299	-0,001	0,008	0,053	FALSE
-0,018	0,317	-0,002	0,013	0,048	FALSE
-0,023	0,304	-0,002	0,013	0,057	FALSE
-0,068	0,312	-0,001	0,007	0,075	FALSE
-0,080	0,307	-0,002	0,007	0,093	FALSE
0,088	0,302	0,001	0,008	0,067	FALSE
-0,112	0,315	-0,004	0,009	0,175	FALSE
0,062	0,311	0,002	0,006	0,121	FALSE
0,018	0,299	0,001	0,012	0,015	FALSE
-0,063	0,302	-0,001	0,006	0,075	FALSE
0,073	0,317	0,002	0,008	0,105	FALSE
0,002	0,308	0,000	0,007	0,012	FALSE
0,035	0,296	0,001	0,012	0,041	FALSE
-0,014	0,298	0,000	0,007	0,000	FALSE
0,007	0,295	0,000	0,008	0,019	FALSE
0,065	0,316	0,001	0,008	0,068	FALSE
-0,058	0,294	-0,002	0,012	0,073	FALSE
-0,009	0,303	0,000	0,011	0,009	FALSE
0,040	0,319	0,001	0,011	0,040	FALSE
0,015	0,315	0,000	0,013	0,007	FALSE
0,017	0,304	0,001	0,008	0,029	FALSE
0,079	0,299	0,001	0,006	0,075	FALSE
-0,023	0,303	-0,002	0,012	0,066	FALSE
-0,108	0,316	-0,004	0,011	0,135	FALSE
0,178	0,300	0,006	0,009	0,263	FALSE
0,051	0,314	0,001	0,009	0,034	FALSE
0,132	0,313	0,004	0,008	0,220	FALSE
0,052	0,306	0,001	0,007	0,078	FALSE
-0,037	0,305	-0,001	0,009	0,056	FALSE
-0,049	0,316	-0,002	0,012	0,049	FALSE
-0,009	0,316	0,000	0,013	0,003	FALSE
0,010	0,298	0,000	0,007	0,016	FALSE
-0,050	0,305	-0,002	0,010	0,072	FALSE
-0,075	0,318	-0,003	0,011	0,118	FALSE
-0,007	0,307	0,000	0,013	0,006	FALSE
0,010	0,318	0,001	0,013	0,026	FALSE
0,070	0,311	0,003	0,012	0,086	FALSE
0,185	0,300	0,005	0,010	0,225	FALSE
0,027	0,313	0,001	0,010	0,055	FALSE
-0,023	0,302	0,000	0,010	0,009	FALSE
0,030	0,326	0,001	0,008	0,050	FALSE
0,094	0,310	0,003	0,010	0,116	FALSE
0,002	0,301	0,000	0,008	0,017	FALSE

0,057	0,288	0,003	0,009	0,133	FALSE
-0,063	0,320	-0,001	0,008	0,058	FALSE
0,038	0,320	0,001	0,012	0,026	FALSE
0,015	0,293	0,000	0,007	0,015	FALSE
0,069	0,307	0,002	0,007	0,091	FALSE
0,087	0,311	0,004	0,012	0,126	FALSE
-0,068	0,317	-0,002	0,008	0,083	FALSE
-0,110	0,305	-0,004	0,013	0,123	FALSE
0,183	0,304	0,005	0,011	0,215	FALSE
0,077	0,308	0,003	0,009	0,105	FALSE
-0,006	0,300	0,000	0,007	0,001	FALSE
-0,008	0,297	-0,001	0,007	0,039	FALSE
0,045	0,304	0,001	0,007	0,039	FALSE
0,021	0,324	0,001	0,013	0,023	FALSE
0,070	0,310	0,003	0,013	0,076	FALSE
0,041	0,307	0,001	0,010	0,036	FALSE
-0,022	0,288	0,000	0,012	0,014	FALSE
-0,183	0,294	-0,005	0,008	0,284	FALSE
0,000	0,311	0,000	0,011	0,015	FALSE
-0,103	0,303	-0,002	0,007	0,114	FALSE
-0,029	0,304	0,000	0,006	0,028	FALSE
-0,109	0,298	-0,006	0,013	0,201	FALSE
-0,032	0,297	-0,001	0,008	0,032	FALSE
-0,020	0,302	0,000	0,008	0,019	FALSE
-0,014	0,298	0,000	0,008	0,018	FALSE
0,015	0,303	0,000	0,011	0,001	FALSE
-0,023	0,300	0,000	0,008	0,020	FALSE
0,046	0,312	0,002	0,011	0,071	FALSE
0,062	0,300	0,002	0,010	0,087	FALSE
0,041	0,315	0,002	0,010	0,056	FALSE
-0,048	0,328	-0,003	0,012	0,095	FALSE
0,098	0,327	0,003	0,008	0,128	FALSE
-0,008	0,303	0,000	0,006	0,011	FALSE
-0,088	0,302	-0,003	0,011	0,093	FALSE
-0,100	0,298	-0,003	0,007	0,142	FALSE
0,000	0,303	0,001	0,013	0,016	FALSE
-0,006	0,298	0,000	0,008	0,001	FALSE
0,148	0,306	0,006	0,013	0,211	FALSE
0,075	0,319	0,002	0,008	0,104	FALSE
0,037	0,302	0,001	0,013	0,035	FALSE
0,014	0,298	0,001	0,007	0,050	FALSE
-0,041	0,317	-0,001	0,008	0,047	FALSE
-0,073	0,303	-0,002	0,008	0,087	FALSE
0,064	0,306	0,001	0,007	0,074	FALSE
-0,241	0,292	-0,010	0,013	0,369	FALSE
-0,173	0,296	-0,007	0,013	0,238	FALSE
-0,107	0,301	-0,002	0,007	0,110	FALSE
0,215	0,294	0,009	0,013	0,316	FALSE
-0,096	0,315	-0,003	0,010	0,125	FALSE
0,078	0,299	0,002	0,009	0,088	FALSE
-0,043	0,312	-0,002	0,009	0,090	FALSE
-0,073	0,307	-0,002	0,009	0,079	FALSE
0,033	0,319	0,001	0,006	0,059	FALSE

0,097	0,314	0,003	0,010	0,106	FALSE
-0,017	0,309	-0,001	0,012	0,040	FALSE
-0,046	0,323	-0,002	0,011	0,065	FALSE
0,087	0,298	0,002	0,008	0,098	FALSE
0,131	0,299	0,004	0,009	0,172	FALSE
0,072	0,317	0,002	0,009	0,085	FALSE
-0,041	0,301	-0,001	0,009	0,050	FALSE
-0,070	0,297	-0,003	0,009	0,104	FALSE
0,002	0,303	0,000	0,009	0,005	FALSE
0,147	0,320	0,005	0,010	0,200	FALSE
-0,070	0,307	-0,001	0,008	0,049	FALSE
0,015	0,306	0,001	0,008	0,052	FALSE
-0,073	0,310	-0,002	0,009	0,073	FALSE
-0,177	0,295	-0,007	0,011	0,273	FALSE
-0,083	0,313	-0,002	0,007	0,105	FALSE
-0,049	0,305	-0,002	0,010	0,059	FALSE
-0,041	0,329	-0,001	0,007	0,047	FALSE
0,102	0,306	0,004	0,010	0,147	FALSE
0,091	0,308	0,001	0,007	0,066	FALSE
0,025	0,300	0,001	0,012	0,039	FALSE
0,066	0,298	0,002	0,010	0,066	FALSE
-0,028	0,325	-0,001	0,012	0,037	FALSE
-0,024	0,317	-0,001	0,011	0,017	FALSE
-0,011	0,314	0,000	0,009	0,002	FALSE
0,001	0,323	0,001	0,008	0,024	FALSE
-0,003	0,318	0,000	0,010	0,007	FALSE
-0,010	0,310	0,000	0,008	0,008	FALSE
0,077	0,301	0,003	0,012	0,098	FALSE
-0,075	0,319	-0,003	0,013	0,093	FALSE
0,076	0,316	0,003	0,013	0,085	FALSE
-0,047	0,307	-0,002	0,011	0,059	FALSE
-0,125	0,311	-0,002	0,006	0,130	FALSE
-0,192	0,298	-0,009	0,013	0,333	FALSE
0,009	0,313	0,001	0,007	0,039	FALSE
0,065	0,292	0,003	0,010	0,114	FALSE
0,015	0,319	0,001	0,009	0,033	FALSE
-0,030	0,301	0,000	0,008	0,003	FALSE
0,160	0,288	0,007	0,011	0,268	FALSE
0,004	0,318	0,000	0,008	0,005	FALSE
0,028	0,305	0,001	0,009	0,023	FALSE
0,114	0,298	0,004	0,011	0,129	FALSE
-0,047	0,307	-0,001	0,007	0,033	FALSE
0,030	0,299	0,001	0,012	0,017	FALSE
0,027	0,297	0,001	0,007	0,031	FALSE
-0,118	0,311	-0,005	0,011	0,178	FALSE
-0,005	0,293	0,000	0,012	0,008	FALSE
0,002	0,312	0,001	0,010	0,021	FALSE
0,007	0,310	0,000	0,010	0,006	FALSE
0,000	0,306	0,000	0,007	0,008	FALSE
0,041	0,295	0,001	0,008	0,029	FALSE
-0,070	0,317	-0,002	0,006	0,099	FALSE
0,094	0,297	0,002	0,008	0,120	FALSE
0,091	0,298	0,002	0,008	0,097	FALSE

-0,069	0,311	-0,003	0,012	0,105	FALSE
0,142	0,298	0,007	0,012	0,235	FALSE
0,001	0,313	0,000	0,012	0,001	FALSE
-0,040	0,313	-0,001	0,007	0,032	FALSE
0,132	0,303	0,004	0,008	0,206	FALSE
0,150	0,299	0,004	0,008	0,224	FALSE
0,001	0,312	0,001	0,012	0,015	FALSE
-0,010	0,308	-0,001	0,010	0,033	FALSE
-0,088	0,321	-0,003	0,010	0,115	FALSE
-0,091	0,300	-0,003	0,009	0,131	FALSE
-0,061	0,314	-0,002	0,009	0,064	FALSE
-0,067	0,305	-0,001	0,009	0,061	FALSE
-0,052	0,300	-0,001	0,009	0,058	FALSE
-0,019	0,304	-0,002	0,012	0,057	FALSE
0,080	0,293	0,002	0,009	0,092	FALSE
-0,027	0,291	-0,001	0,007	0,029	FALSE
0,013	0,306	0,000	0,010	0,011	FALSE
-0,029	0,305	0,000	0,009	0,014	FALSE
0,062	0,324	0,001	0,007	0,048	FALSE
-0,030	0,311	-0,001	0,007	0,037	FALSE
0,042	0,305	0,002	0,008	0,071	FALSE
0,041	0,305	0,002	0,007	0,082	FALSE
-0,047	0,304	-0,001	0,010	0,043	FALSE
0,143	0,296	0,004	0,007	0,248	FALSE
0,017	0,299	0,001	0,006	0,039	FALSE
0,049	0,327	0,001	0,010	0,043	FALSE
0,017	0,306	0,000	0,008	0,019	FALSE
0,019	0,294	0,001	0,007	0,032	FALSE
0,078	0,310	0,003	0,010	0,121	FALSE
0,036	0,319	0,002	0,011	0,064	FALSE
0,020	0,300	0,001	0,008	0,065	FALSE
-0,027	0,301	0,000	0,010	0,009	FALSE
-0,069	0,307	-0,001	0,008	0,053	FALSE
0,039	0,310	0,001	0,008	0,037	FALSE
-0,042	0,315	-0,001	0,008	0,054	FALSE
-0,073	0,304	-0,001	0,008	0,059	FALSE
-0,091	0,312	-0,002	0,008	0,100	FALSE
0,003	0,312	0,001	0,012	0,030	FALSE
0,094	0,302	0,004	0,009	0,184	FALSE
0,102	0,301	0,004	0,009	0,176	FALSE
0,065	0,317	0,002	0,009	0,069	FALSE
0,050	0,307	0,001	0,009	0,045	FALSE
0,043	0,318	0,001	0,009	0,038	FALSE
-0,070	0,315	-0,003	0,012	0,085	FALSE
0,104	0,309	0,003	0,007	0,181	FALSE
0,014	0,307	0,000	0,009	0,009	FALSE
0,110	0,315	0,003	0,008	0,158	FALSE
0,106	0,294	0,003	0,006	0,182	FALSE
0,079	0,301	0,004	0,013	0,117	FALSE
-0,085	0,316	-0,001	0,007	0,076	FALSE
0,012	0,311	0,001	0,010	0,024	FALSE
0,069	0,306	0,003	0,011	0,097	FALSE
0,044	0,305	0,002	0,009	0,064	FALSE

-0,009	0,308	-0,001	0,006	0,037	FALSE
-0,034	0,299	0,000	0,012	0,006	FALSE
0,006	0,287	0,001	0,012	0,020	FALSE
-0,013	0,304	0,000	0,012	0,012	FALSE
-0,019	0,289	0,001	0,011	0,028	FALSE
0,036	0,296	0,001	0,012	0,015	FALSE
-0,060	0,310	-0,001	0,007	0,060	FALSE
0,072	0,309	0,002	0,008	0,075	FALSE
0,014	0,294	0,000	0,006	0,001	FALSE
-0,064	0,311	-0,002	0,011	0,055	FALSE
-0,083	0,307	-0,003	0,010	0,110	FALSE
0,012	0,301	0,000	0,007	0,002	FALSE
0,031	0,321	0,000	0,006	0,024	FALSE
-0,060	0,286	-0,002	0,012	0,069	FALSE
-0,019	0,311	0,000	0,006	0,014	FALSE
-0,086	0,309	-0,004	0,012	0,141	FALSE
0,003	0,301	0,000	0,013	0,008	FALSE
-0,028	0,302	0,000	0,006	0,007	FALSE
0,013	0,298	0,000	0,011	0,009	FALSE
-0,081	0,295	-0,001	0,007	0,070	FALSE
-0,093	0,304	-0,002	0,007	0,116	FALSE
-0,031	0,320	-0,001	0,008	0,038	FALSE
-0,061	0,313	-0,002	0,008	0,091	FALSE
-0,074	0,323	-0,001	0,007	0,076	FALSE
-0,176	0,292	-0,005	0,009	0,258	FALSE
-0,164	0,293	-0,005	0,009	0,248	FALSE
0,112	0,296	0,004	0,011	0,151	FALSE
0,120	0,298	0,003	0,006	0,168	FALSE
0,094	0,306	0,004	0,011	0,140	FALSE
-0,032	0,299	-0,001	0,010	0,046	FALSE
0,140	0,299	0,005	0,010	0,194	FALSE
0,093	0,299	0,003	0,008	0,125	FALSE
-0,013	0,315	-0,001	0,012	0,035	FALSE
-0,032	0,316	-0,002	0,008	0,081	FALSE
-0,119	0,306	-0,005	0,011	0,187	FALSE
-0,042	0,305	-0,001	0,009	0,032	FALSE
0,046	0,301	0,001	0,007	0,066	FALSE
0,041	0,312	0,001	0,009	0,032	FALSE
0,174	0,302	0,007	0,013	0,236	FALSE
-0,004	0,306	-0,001	0,009	0,023	FALSE
-0,104	0,300	-0,003	0,009	0,121	FALSE
0,040	0,297	0,002	0,009	0,062	FALSE
-0,090	0,317	-0,004	0,010	0,162	FALSE
-0,074	0,315	-0,003	0,012	0,081	FALSE
-0,079	0,305	-0,002	0,009	0,069	FALSE
-0,173	0,309	-0,005	0,008	0,229	FALSE
0,004	0,296	0,000	0,009	0,004	FALSE
-0,011	0,308	0,000	0,009	0,006	FALSE
0,008	0,298	0,000	0,007	0,020	FALSE
0,018	0,305	0,000	0,007	0,014	FALSE
-0,087	0,312	-0,002	0,009	0,096	FALSE
0,133	0,291	0,003	0,007	0,188	FALSE
0,012	0,316	0,000	0,010	0,009	FALSE

-0,029	0,310	-0,001	0,008	0,031	FALSE
0,068	0,311	0,002	0,009	0,106	FALSE
0,044	0,319	0,002	0,012	0,057	FALSE
0,035	0,311	0,001	0,007	0,046	FALSE
-0,002	0,303	-0,001	0,012	0,024	FALSE
0,009	0,320	0,000	0,010	0,000	FALSE
-0,113	0,301	-0,004	0,008	0,195	FALSE
0,022	0,300	0,001	0,007	0,054	FALSE
0,037	0,304	0,002	0,012	0,050	FALSE
0,115	0,320	0,003	0,007	0,176	FALSE
0,036	0,316	0,001	0,007	0,044	FALSE
-0,067	0,306	-0,003	0,012	0,090	FALSE
-0,111	0,310	-0,003	0,009	0,147	FALSE
-0,107	0,315	-0,003	0,009	0,132	FALSE
0,004	0,289	0,000	0,007	0,015	FALSE
0,015	0,306	0,001	0,007	0,030	FALSE
-0,009	0,310	0,000	0,009	0,004	FALSE
0,081	0,309	0,002	0,010	0,090	FALSE
-0,029	0,299	-0,002	0,010	0,058	FALSE
-0,023	0,312	-0,001	0,010	0,050	FALSE
0,002	0,309	0,000	0,008	0,003	FALSE
-0,030	0,308	-0,001	0,008	0,034	FALSE
0,048	0,310	0,002	0,007	0,084	FALSE
-0,014	0,313	0,000	0,009	0,005	FALSE
-0,036	0,317	-0,001	0,007	0,051	FALSE
0,058	0,300	0,002	0,011	0,079	FALSE
-0,044	0,309	-0,002	0,009	0,069	FALSE
-0,029	0,314	-0,001	0,009	0,051	FALSE
-0,053	0,314	-0,002	0,011	0,087	FALSE
0,032	0,302	0,001	0,012	0,018	FALSE
0,126	0,313	0,002	0,006	0,131	FALSE
-0,190	0,298	-0,006	0,010	0,285	FALSE
0,113	0,312	0,005	0,013	0,172	FALSE
-0,202	0,303	-0,007	0,010	0,300	FALSE
-0,038	0,301	-0,001	0,011	0,022	FALSE
0,122	0,294	0,006	0,011	0,221	FALSE
0,085	0,294	0,003	0,008	0,134	FALSE
0,020	0,308	0,001	0,013	0,022	FALSE
0,037	0,306	0,001	0,012	0,039	FALSE
0,036	0,312	0,001	0,012	0,037	FALSE
0,002	0,302	0,000	0,012	0,004	FALSE
-0,010	0,309	0,000	0,012	0,009	FALSE
0,046	0,299	0,001	0,010	0,051	FALSE
-0,002	0,301	0,000	0,013	0,011	FALSE
-0,014	0,313	-0,001	0,010	0,042	FALSE
-0,044	0,308	-0,001	0,007	0,052	FALSE
-0,005	0,294	0,000	0,007	0,003	FALSE
0,104	0,298	0,004	0,012	0,148	FALSE
-0,041	0,300	-0,001	0,008	0,046	FALSE
0,072	0,300	0,005	0,013	0,144	FALSE
-0,073	0,298	-0,003	0,011	0,090	FALSE
-0,008	0,314	0,000	0,008	0,000	FALSE
-0,003	0,304	0,000	0,011	0,015	FALSE

0,048	0,297	0,001	0,006	0,072	FALSE
-0,119	0,297	-0,004	0,010	0,165	FALSE
0,037	0,295	0,001	0,009	0,060	FALSE
-0,023	0,307	-0,002	0,012	0,047	FALSE
-0,070	0,312	-0,003	0,009	0,110	FALSE
0,026	0,304	0,001	0,012	0,033	FALSE
-0,082	0,314	-0,003	0,009	0,120	FALSE
-0,097	0,303	-0,004	0,009	0,160	FALSE
-0,079	0,313	-0,003	0,009	0,124	FALSE
0,184	0,299	0,007	0,012	0,247	FALSE
-0,015	0,305	0,000	0,009	0,006	FALSE
-0,052	0,305	-0,001	0,007	0,086	FALSE
-0,018	0,303	0,000	0,008	0,014	FALSE
-0,008	0,302	0,000	0,007	0,014	FALSE
-0,022	0,313	-0,001	0,007	0,060	FALSE
0,026	0,316	0,001	0,007	0,047	FALSE
0,104	0,299	0,004	0,012	0,123	FALSE
0,011	0,290	0,002	0,010	0,057	FALSE
-0,001	0,307	0,001	0,013	0,016	FALSE
0,088	0,304	0,001	0,007	0,081	FALSE
-0,021	0,309	-0,001	0,009	0,036	FALSE
0,120	0,304	0,003	0,010	0,126	FALSE
0,038	0,306	0,001	0,008	0,048	FALSE
0,044	0,324	0,001	0,008	0,066	FALSE
0,008	0,317	0,000	0,013	0,006	FALSE
-0,013	0,317	0,000	0,010	0,014	FALSE
0,154	0,305	0,004	0,007	0,225	FALSE
0,081	0,304	0,001	0,007	0,076	FALSE
0,014	0,316	0,001	0,007	0,043	FALSE
-0,074	0,317	-0,002	0,007	0,083	FALSE
0,101	0,300	0,004	0,012	0,130	FALSE
-0,003	0,299	0,000	0,007	0,013	FALSE
-0,101	0,296	-0,002	0,007	0,133	FALSE
0,007	0,307	0,000	0,009	0,019	FALSE
-0,023	0,306	0,000	0,007	0,014	FALSE
0,013	0,319	0,000	0,007	0,022	FALSE
0,048	0,317	0,002	0,012	0,052	FALSE
0,053	0,301	0,001	0,009	0,033	FALSE
-0,001	0,302	0,000	0,009	0,012	FALSE
-0,008	0,311	0,001	0,008	0,023	FALSE
-0,034	0,298	-0,001	0,009	0,047	FALSE
-0,085	0,317	-0,002	0,008	0,084	FALSE
0,106	0,299	0,004	0,010	0,144	FALSE
0,104	0,311	0,004	0,011	0,131	FALSE
0,092	0,308	0,003	0,010	0,111	FALSE
0,129	0,308	0,004	0,010	0,184	FALSE
-0,012	0,319	0,000	0,006	0,010	FALSE
-0,021	0,303	0,000	0,011	0,012	FALSE
-0,045	0,308	-0,003	0,012	0,091	FALSE
-0,041	0,314	-0,001	0,010	0,034	FALSE
0,094	0,289	0,003	0,009	0,128	FALSE
0,034	0,310	0,001	0,010	0,052	FALSE
-0,033	0,292	0,000	0,010	0,018	FALSE

-0,067	0,301	-0,001	0,008	0,055	FALSE
-0,032	0,318	-0,001	0,009	0,040	FALSE
0,112	0,307	0,003	0,008	0,133	FALSE
0,110	0,289	0,002	0,006	0,119	FALSE
0,031	0,310	0,000	0,013	0,001	FALSE
0,057	0,296	0,001	0,009	0,038	FALSE
-0,214	0,288	-0,008	0,012	0,320	FALSE
-0,218	0,301	-0,008	0,012	0,305	FALSE
-0,075	0,311	-0,002	0,007	0,138	FALSE
-0,077	0,322	-0,003	0,013	0,081	FALSE
0,044	0,300	0,002	0,012	0,046	FALSE
-0,058	0,307	-0,002	0,012	0,078	FALSE
0,005	0,298	0,000	0,008	0,006	FALSE
0,022	0,311	0,000	0,007	0,020	FALSE
0,009	0,296	0,001	0,009	0,024	FALSE
-0,015	0,293	0,001	0,010	0,019	FALSE
-0,021	0,324	0,000	0,008	0,013	FALSE
0,060	0,303	0,001	0,007	0,081	FALSE
-0,027	0,306	-0,002	0,012	0,045	FALSE
-0,074	0,308	-0,003	0,011	0,096	FALSE
0,110	0,294	0,003	0,008	0,163	FALSE
-0,058	0,297	-0,002	0,010	0,074	FALSE
-0,022	0,310	0,000	0,007	0,023	FALSE
0,070	0,321	0,003	0,011	0,115	FALSE
-0,112	0,319	-0,002	0,008	0,129	FALSE
0,042	0,304	0,001	0,010	0,042	FALSE
0,006	0,313	0,001	0,011	0,040	FALSE
0,171	0,299	0,006	0,011	0,239	FALSE
-0,061	0,307	-0,001	0,007	0,046	FALSE
-0,095	0,309	-0,005	0,013	0,140	FALSE
0,116	0,297	0,004	0,009	0,192	FALSE
-0,028	0,312	-0,001	0,010	0,027	FALSE
-0,036	0,300	-0,001	0,009	0,033	FALSE
0,012	0,299	0,000	0,009	0,019	FALSE
-0,030	0,310	0,000	0,008	0,017	FALSE
0,080	0,297	0,002	0,006	0,121	FALSE
0,056	0,307	0,002	0,008	0,088	FALSE
0,021	0,307	0,000	0,010	0,015	FALSE
-0,022	0,301	-0,001	0,008	0,025	FALSE
0,109	0,304	0,003	0,009	0,159	FALSE
0,091	0,309	0,003	0,009	0,117	FALSE
-0,096	0,305	-0,003	0,008	0,122	FALSE
0,104	0,309	0,003	0,009	0,148	FALSE
-0,135	0,297	-0,006	0,012	0,204	FALSE
-0,039	0,302	-0,002	0,012	0,048	FALSE
0,112	0,312	0,004	0,011	0,164	FALSE
-0,072	0,313	-0,004	0,011	0,123	FALSE
-0,037	0,299	-0,001	0,009	0,028	FALSE
-0,146	0,303	-0,006	0,013	0,187	FALSE
-0,045	0,311	-0,001	0,010	0,036	FALSE
-0,059	0,313	-0,001	0,010	0,051	FALSE
-0,024	0,292	-0,001	0,012	0,039	FALSE
-0,024	0,306	-0,001	0,008	0,034	FALSE

-0,033	0,321	-0,001	0,008	0,043	FALSE
-0,059	0,317	-0,002	0,009	0,071	FALSE
-0,026	0,308	-0,002	0,012	0,061	FALSE
-0,034	0,305	-0,001	0,009	0,039	FALSE
0,142	0,298	0,002	0,006	0,157	FALSE
0,099	0,296	0,003	0,009	0,125	FALSE
-0,042	0,307	-0,001	0,011	0,040	FALSE
-0,104	0,310	-0,003	0,009	0,123	FALSE
-0,077	0,318	-0,002	0,009	0,078	FALSE
-0,029	0,306	0,000	0,008	0,020	FALSE
0,025	0,307	0,000	0,006	0,027	FALSE
-0,068	0,304	-0,002	0,009	0,084	FALSE
0,055	0,305	0,001	0,010	0,051	FALSE
-0,003	0,312	0,000	0,006	0,013	FALSE
-0,027	0,304	0,000	0,010	0,006	FALSE
-0,018	0,298	-0,001	0,013	0,021	FALSE
0,179	0,296	0,004	0,006	0,264	FALSE
0,020	0,311	0,000	0,009	0,015	FALSE
0,028	0,315	0,001	0,008	0,053	FALSE
0,057	0,308	0,001	0,011	0,044	FALSE
0,023	0,321	0,001	0,007	0,034	FALSE
-0,157	0,308	-0,004	0,008	0,239	FALSE
-0,006	0,318	0,000	0,007	0,007	FALSE
0,028	0,300	0,001	0,008	0,059	FALSE
0,111	0,317	0,005	0,012	0,184	FALSE
0,003	0,300	0,001	0,010	0,037	FALSE
0,018	0,311	0,001	0,010	0,049	FALSE
-0,078	0,299	-0,005	0,013	0,141	FALSE
-0,030	0,314	-0,001	0,010	0,026	FALSE
-0,081	0,302	-0,002	0,008	0,099	FALSE
-0,038	0,304	-0,002	0,012	0,066	FALSE
0,118	0,295	0,003	0,008	0,152	FALSE
0,033	0,302	0,001	0,010	0,028	FALSE
0,005	0,293	0,000	0,007	0,016	FALSE
-0,024	0,323	0,000	0,007	0,018	FALSE
0,027	0,305	0,000	0,013	0,005	FALSE
-0,066	0,322	-0,001	0,007	0,076	FALSE
0,086	0,300	0,002	0,006	0,103	FALSE
0,111	0,304	0,004	0,011	0,129	FALSE
0,052	0,301	0,001	0,009	0,054	FALSE
-0,002	0,306	0,000	0,007	0,013	FALSE
-0,006	0,323	0,000	0,013	0,013	FALSE
-0,061	0,302	-0,003	0,012	0,086	FALSE
-0,100	0,309	-0,004	0,012	0,120	FALSE
-0,120	0,307	-0,005	0,012	0,155	FALSE
-0,029	0,301	-0,001	0,012	0,026	FALSE
-0,036	0,308	-0,001	0,007	0,032	FALSE
0,043	0,313	0,001	0,009	0,056	FALSE
0,035	0,312	0,001	0,012	0,029	FALSE
-0,021	0,307	-0,001	0,012	0,033	FALSE
0,021	0,313	0,000	0,007	0,017	FALSE
0,021	0,305	0,001	0,007	0,027	FALSE
0,056	0,292	0,001	0,007	0,070	FALSE

0,034	0,313	0,001	0,008	0,031	FALSE
0,011	0,308	0,000	0,008	0,017	FALSE
0,020	0,320	0,000	0,008	0,012	FALSE
0,006	0,322	0,000	0,013	0,010	FALSE
0,042	0,311	0,001	0,011	0,020	FALSE
0,017	0,297	0,001	0,010	0,032	FALSE
0,082	0,318	0,004	0,013	0,129	FALSE
0,070	0,305	0,003	0,012	0,094	FALSE
-0,127	0,310	-0,005	0,010	0,187	FALSE
0,121	0,319	0,003	0,007	0,213	FALSE
-0,016	0,307	-0,001	0,012	0,037	FALSE
-0,090	0,315	-0,003	0,010	0,115	FALSE
-0,004	0,308	0,000	0,011	0,009	FALSE
0,044	0,302	0,000	0,007	0,024	FALSE
-0,029	0,310	0,000	0,007	0,016	FALSE
-0,011	0,298	0,000	0,011	0,006	FALSE
-0,061	0,301	-0,002	0,008	0,090	FALSE
-0,085	0,304	-0,002	0,010	0,092	FALSE
0,033	0,305	0,001	0,007	0,035	FALSE
0,081	0,298	0,002	0,006	0,099	FALSE
-0,108	0,314	-0,004	0,012	0,145	FALSE
0,048	0,310	0,001	0,011	0,016	FALSE
-0,094	0,290	-0,002	0,008	0,105	FALSE
-0,007	0,306	0,000	0,007	0,017	FALSE
-0,052	0,312	-0,001	0,009	0,046	FALSE
-0,094	0,299	-0,002	0,007	0,121	FALSE
0,079	0,312	0,002	0,010	0,095	FALSE
-0,033	0,308	-0,001	0,008	0,029	FALSE
0,008	0,298	0,001	0,009	0,041	FALSE
0,047	0,317	0,001	0,008	0,071	FALSE
-0,088	0,313	-0,001	0,007	0,079	FALSE
-0,008	0,307	0,000	0,011	0,006	FALSE
0,033	0,313	0,001	0,008	0,034	FALSE
-0,046	0,308	-0,002	0,012	0,068	FALSE
0,119	0,310	0,003	0,009	0,133	FALSE
-0,043	0,301	0,000	0,006	0,008	FALSE
0,060	0,308	0,002	0,006	0,094	FALSE
0,062	0,317	0,001	0,009	0,060	FALSE
0,061	0,305	0,001	0,010	0,050	FALSE
-0,066	0,315	-0,002	0,010	0,089	FALSE
0,053	0,303	0,002	0,009	0,070	FALSE
0,009	0,306	0,000	0,007	0,016	FALSE
0,055	0,313	0,002	0,009	0,065	FALSE
-0,032	0,309	-0,001	0,006	0,036	FALSE
0,045	0,295	0,001	0,007	0,045	FALSE
0,074	0,295	0,002	0,008	0,098	FALSE
-0,008	0,291	0,000	0,008	0,008	FALSE
0,072	0,301	0,001	0,010	0,049	FALSE
-0,077	0,312	-0,001	0,007	0,081	FALSE
0,132	0,306	0,004	0,011	0,155	FALSE
0,146	0,313	0,006	0,013	0,180	FALSE
-0,051	0,308	-0,002	0,011	0,067	FALSE
-0,090	0,304	-0,005	0,013	0,151	FALSE

-0,032	0,305	-0,003	0,013	0,088	FALSE
0,011	0,300	0,000	0,007	0,023	FALSE
0,118	0,298	0,005	0,011	0,180	FALSE
0,104	0,297	0,005	0,012	0,154	FALSE
-0,100	0,315	-0,004	0,013	0,128	FALSE
-0,108	0,305	-0,005	0,012	0,165	FALSE
-0,009	0,293	-0,001	0,009	0,047	FALSE
-0,080	0,293	-0,004	0,010	0,150	FALSE
-0,059	0,286	-0,002	0,010	0,074	FALSE
0,040	0,311	0,001	0,012	0,042	FALSE
0,067	0,308	0,003	0,012	0,090	FALSE
-0,042	0,326	-0,001	0,010	0,042	FALSE
-0,045	0,312	-0,001	0,007	0,048	FALSE
0,020	0,290	0,000	0,008	0,013	FALSE
-0,037	0,307	-0,001	0,008	0,054	FALSE
0,070	0,307	0,003	0,012	0,089	FALSE
-0,071	0,297	-0,001	0,009	0,054	FALSE
-0,098	0,305	-0,002	0,009	0,112	FALSE
-0,046	0,306	-0,001	0,011	0,047	FALSE
0,097	0,305	0,002	0,007	0,120	FALSE
0,077	0,303	0,002	0,007	0,106	FALSE
-0,040	0,297	-0,001	0,010	0,021	FALSE
-0,004	0,299	0,001	0,009	0,028	FALSE
-0,029	0,315	-0,001	0,010	0,045	FALSE
0,064	0,305	0,001	0,008	0,051	FALSE
0,001	0,306	-0,001	0,013	0,019	FALSE
0,088	0,303	0,003	0,008	0,148	FALSE
0,076	0,305	0,002	0,012	0,045	FALSE
-0,118	0,304	-0,003	0,008	0,132	FALSE
0,051	0,304	0,001	0,012	0,027	FALSE
-0,078	0,304	-0,001	0,008	0,065	FALSE
0,003	0,315	0,001	0,011	0,025	FALSE
-0,036	0,314	-0,001	0,008	0,056	FALSE
0,077	0,292	0,004	0,012	0,139	FALSE
-0,097	0,307	-0,002	0,006	0,123	FALSE
-0,056	0,317	-0,002	0,012	0,062	FALSE
0,031	0,311	0,000	0,008	0,014	FALSE
0,086	0,309	0,005	0,013	0,150	FALSE
-0,119	0,296	-0,004	0,008	0,185	FALSE
-0,034	0,327	-0,001	0,010	0,032	FALSE
0,019	0,313	0,001	0,010	0,045	FALSE
0,025	0,294	0,001	0,007	0,032	FALSE
-0,013	0,304	-0,001	0,012	0,035	FALSE
-0,005	0,311	0,000	0,008	0,012	FALSE
0,146	0,295	0,003	0,008	0,183	FALSE
0,010	0,317	0,000	0,008	0,005	FALSE
0,191	0,302	0,005	0,008	0,269	FALSE
0,151	0,290	0,004	0,007	0,266	FALSE
-0,037	0,304	-0,001	0,010	0,030	FALSE
-0,027	0,298	-0,001	0,007	0,031	FALSE
0,019	0,314	0,001	0,012	0,016	FALSE
-0,177	0,296	-0,004	0,007	0,231	FALSE
-0,141	0,302	-0,006	0,013	0,189	FALSE

0,002	0,306	0,000	0,007	0,012	FALSE
0,088	0,291	0,002	0,007	0,089	FALSE
0,090	0,316	0,004	0,012	0,119	FALSE
0,069	0,303	0,002	0,007	0,106	FALSE
-0,020	0,315	-0,001	0,012	0,029	FALSE
0,035	0,305	0,001	0,007	0,042	FALSE
0,007	0,303	0,000	0,008	0,012	FALSE
0,119	0,310	0,005	0,013	0,175	FALSE
-0,039	0,311	-0,001	0,007	0,044	FALSE
0,134	0,309	0,005	0,010	0,231	FALSE
-0,015	0,302	-0,001	0,009	0,026	FALSE
-0,082	0,298	-0,002	0,007	0,108	FALSE
-0,160	0,298	-0,007	0,013	0,247	FALSE
-0,139	0,311	-0,006	0,013	0,205	FALSE
-0,150	0,306	-0,006	0,011	0,237	FALSE
0,050	0,326	0,001	0,009	0,034	FALSE
-0,033	0,299	-0,001	0,007	0,041	FALSE
0,048	0,311	0,002	0,006	0,110	FALSE
-0,010	0,319	0,000	0,007	0,006	FALSE
0,067	0,302	0,002	0,010	0,069	FALSE
-0,099	0,304	-0,002	0,008	0,114	FALSE
-0,157	0,307	-0,004	0,007	0,231	FALSE
-0,060	0,306	-0,001	0,007	0,075	FALSE
-0,045	0,318	-0,001	0,008	0,056	FALSE
-0,058	0,295	-0,001	0,007	0,076	FALSE
-0,043	0,313	-0,001	0,008	0,056	FALSE
-0,053	0,298	-0,001	0,008	0,033	FALSE
0,042	0,305	0,001	0,011	0,025	FALSE
-0,055	0,303	-0,002	0,011	0,068	FALSE
-0,133	0,299	-0,003	0,008	0,153	FALSE
0,070	0,300	0,001	0,009	0,038	FALSE
-0,008	0,300	0,000	0,009	0,009	FALSE
0,041	0,312	0,002	0,012	0,067	FALSE
0,030	0,313	0,001	0,007	0,036	FALSE
0,111	0,300	0,003	0,007	0,174	FALSE
0,058	0,314	0,004	0,012	0,112	FALSE
-0,023	0,303	0,000	0,007	0,022	FALSE
0,017	0,320	0,000	0,008	0,007	FALSE
0,003	0,311	-0,001	0,007	0,028	FALSE
-0,052	0,312	-0,001	0,007	0,059	FALSE
-0,073	0,314	-0,004	0,012	0,111	FALSE
-0,057	0,299	-0,001	0,008	0,058	FALSE
-0,003	0,302	0,001	0,013	0,017	FALSE
-0,004	0,301	0,000	0,007	0,020	FALSE
-0,058	0,322	-0,002	0,009	0,069	FALSE
-0,012	0,296	0,000	0,013	0,004	FALSE
-0,051	0,306	-0,002	0,012	0,048	FALSE
0,006	0,308	0,001	0,013	0,015	FALSE
0,031	0,313	0,002	0,013	0,046	FALSE
-0,017	0,302	-0,001	0,009	0,029	FALSE
-0,045	0,305	-0,002	0,010	0,074	FALSE
-0,025	0,312	0,000	0,012	0,005	FALSE
-0,059	0,289	-0,003	0,010	0,105	FALSE

-0,070	0,303	-0,001	0,010	0,049	FALSE
0,215	0,296	0,004	0,006	0,321	FALSE
-0,071	0,297	-0,003	0,010	0,105	FALSE
-0,042	0,323	-0,002	0,013	0,041	FALSE
0,017	0,319	0,000	0,007	0,007	FALSE
0,056	0,302	0,001	0,007	0,047	FALSE
-0,049	0,321	-0,001	0,009	0,053	FALSE
0,132	0,317	0,006	0,012	0,197	FALSE
-0,005	0,316	0,000	0,012	0,007	FALSE
0,065	0,292	0,002	0,008	0,118	FALSE
0,038	0,293	0,000	0,007	0,005	FALSE
0,044	0,302	0,002	0,012	0,065	FALSE
-0,043	0,322	-0,002	0,011	0,065	FALSE
-0,054	0,310	-0,003	0,011	0,100	FALSE
-0,155	0,302	-0,005	0,009	0,232	FALSE
0,086	0,289	0,004	0,010	0,171	FALSE
0,125	0,303	0,004	0,009	0,154	FALSE
0,034	0,300	0,001	0,007	0,081	FALSE
0,079	0,316	0,002	0,009	0,087	FALSE
-0,107	0,311	-0,003	0,009	0,121	FALSE
0,108	0,311	0,003	0,010	0,112	FALSE
0,054	0,305	0,001	0,009	0,060	FALSE
0,083	0,310	0,002	0,009	0,102	FALSE
0,077	0,295	0,002	0,008	0,098	FALSE
0,027	0,303	0,001	0,008	0,051	FALSE
-0,015	0,301	-0,001	0,007	0,042	FALSE
-0,122	0,309	-0,003	0,007	0,165	FALSE
0,123	0,311	0,005	0,013	0,163	FALSE
0,034	0,312	0,001	0,007	0,035	FALSE
-0,027	0,310	0,000	0,009	0,007	FALSE
-0,167	0,304	-0,007	0,013	0,229	FALSE
-0,070	0,309	-0,003	0,013	0,092	FALSE
0,075	0,300	0,003	0,010	0,120	FALSE
0,138	0,297	0,003	0,007	0,196	FALSE
0,039	0,310	0,001	0,008	0,069	FALSE
0,057	0,312	0,003	0,011	0,094	FALSE
0,009	0,306	0,000	0,010	0,001	FALSE
0,184	0,308	0,005	0,008	0,273	FALSE
-0,019	0,280	-0,001	0,009	0,044	FALSE
0,010	0,302	0,000	0,007	0,013	FALSE
-0,042	0,308	-0,001	0,010	0,046	FALSE
0,054	0,300	0,002	0,012	0,065	FALSE
0,041	0,303	0,002	0,011	0,058	FALSE
-0,087	0,317	-0,002	0,007	0,099	FALSE
0,019	0,311	0,001	0,008	0,023	FALSE
-0,095	0,290	-0,003	0,011	0,114	FALSE
-0,049	0,310	-0,002	0,010	0,058	FALSE
0,050	0,311	0,001	0,007	0,084	FALSE
0,055	0,309	0,001	0,008	0,064	FALSE
0,084	0,306	0,002	0,007	0,100	FALSE
-0,099	0,324	-0,003	0,009	0,131	FALSE
-0,068	0,301	-0,002	0,012	0,061	FALSE
-0,029	0,307	-0,001	0,007	0,053	FALSE

-0,001	0,291	0,000	0,009	0,010	FALSE
-0,036	0,318	-0,001	0,011	0,032	FALSE
-0,081	0,307	-0,004	0,013	0,119	FALSE
-0,072	0,313	-0,002	0,012	0,073	FALSE
0,190	0,295	0,005	0,009	0,253	FALSE
-0,144	0,302	-0,005	0,013	0,164	FALSE
-0,029	0,309	-0,001	0,006	0,052	FALSE
0,032	0,315	0,001	0,006	0,059	FALSE
0,015	0,319	0,000	0,014	0,002	FALSE
-0,020	0,305	-0,001	0,007	0,034	FALSE
0,097	0,292	0,004	0,012	0,119	FALSE
-0,038	0,315	-0,001	0,007	0,038	FALSE
-0,036	0,314	-0,001	0,006	0,048	FALSE
0,056	0,303	0,001	0,007	0,053	FALSE
-0,016	0,322	0,000	0,011	0,006	FALSE
-0,010	0,303	0,000	0,007	0,013	FALSE
-0,089	0,309	-0,003	0,009	0,118	FALSE
-0,135	0,304	-0,004	0,009	0,190	FALSE
0,017	0,308	0,001	0,006	0,058	FALSE
0,090	0,316	0,002	0,007	0,103	FALSE
0,124	0,311	0,003	0,008	0,153	FALSE
-0,003	0,296	0,000	0,007	0,020	FALSE
0,026	0,303	0,001	0,013	0,030	FALSE
0,051	0,304	0,002	0,012	0,066	FALSE
0,094	0,310	0,003	0,012	0,088	FALSE
-0,178	0,303	-0,006	0,011	0,240	FALSE
0,029	0,295	0,001	0,007	0,058	FALSE
0,032	0,297	0,001	0,008	0,050	FALSE
-0,158	0,305	-0,005	0,010	0,225	FALSE
0,073	0,311	0,003	0,011	0,090	FALSE
0,026	0,323	0,001	0,008	0,049	FALSE
-0,106	0,304	-0,004	0,009	0,158	FALSE
0,031	0,317	0,001	0,008	0,052	FALSE
-0,089	0,321	-0,003	0,010	0,104	FALSE
0,029	0,326	0,001	0,013	0,026	FALSE
0,139	0,300	0,004	0,008	0,181	FALSE
0,117	0,287	0,003	0,006	0,176	FALSE
0,057	0,303	0,001	0,007	0,065	FALSE
0,047	0,303	0,002	0,010	0,065	FALSE
0,139	0,298	0,005	0,009	0,204	FALSE
0,107	0,302	0,003	0,007	0,171	FALSE
-0,058	0,313	-0,002	0,012	0,070	FALSE
0,015	0,307	0,001	0,007	0,039	FALSE
-0,095	0,323	-0,002	0,009	0,092	FALSE
-0,011	0,303	0,000	0,012	0,000	FALSE
-0,049	0,305	-0,002	0,009	0,062	FALSE
0,182	0,298	0,004	0,007	0,277	FALSE
-0,137	0,305	-0,006	0,014	0,184	FALSE
0,041	0,302	0,001	0,011	0,034	FALSE
-0,111	0,317	-0,003	0,009	0,137	FALSE
0,080	0,295	0,003	0,011	0,100	FALSE
-0,069	0,304	-0,002	0,013	0,055	FALSE
0,014	0,306	0,000	0,008	0,018	FALSE

0,010	0,297	0,001	0,007	0,026	FALSE
0,009	0,294	0,001	0,007	0,029	FALSE
0,047	0,307	0,001	0,010	0,046	FALSE
0,023	0,299	0,000	0,012	0,010	FALSE
0,062	0,314	0,001	0,007	0,079	FALSE
-0,051	0,305	-0,002	0,010	0,074	FALSE
0,002	0,309	-0,001	0,007	0,043	FALSE
0,026	0,308	0,000	0,013	0,001	FALSE
-0,030	0,301	0,000	0,007	0,013	FALSE
-0,068	0,313	-0,002	0,007	0,089	FALSE
0,039	0,316	0,001	0,009	0,029	FALSE
-0,040	0,315	-0,001	0,008	0,024	FALSE
0,042	0,294	0,001	0,011	0,037	FALSE
0,066	0,305	0,002	0,009	0,080	FALSE
0,032	0,309	0,001	0,007	0,043	FALSE
-0,079	0,290	-0,004	0,012	0,130	FALSE
0,020	0,309	0,001	0,006	0,039	FALSE
0,000	0,306	0,001	0,013	0,019	FALSE
-0,021	0,322	0,000	0,013	0,013	FALSE
-0,003	0,296	0,000	0,008	0,007	FALSE
-0,013	0,304	0,000	0,010	0,012	FALSE
-0,080	0,321	-0,002	0,007	0,080	FALSE
-0,011	0,307	0,000	0,011	0,003	FALSE
-0,057	0,316	-0,001	0,007	0,078	FALSE
-0,086	0,313	-0,002	0,008	0,112	FALSE
-0,101	0,318	-0,004	0,013	0,104	FALSE
-0,108	0,308	-0,004	0,013	0,115	FALSE
0,102	0,307	0,003	0,010	0,125	FALSE
0,149	0,296	0,006	0,012	0,186	FALSE
-0,130	0,300	-0,005	0,011	0,160	FALSE
-0,127	0,293	-0,004	0,009	0,195	FALSE
-0,002	0,310	0,000	0,007	0,012	FALSE
0,108	0,304	0,003	0,008	0,177	FALSE
0,049	0,312	0,001	0,009	0,041	FALSE
0,014	0,324	0,000	0,010	0,015	FALSE
-0,002	0,295	0,000	0,006	0,012	FALSE
0,040	0,311	0,001	0,008	0,062	FALSE
0,078	0,310	0,002	0,009	0,099	FALSE
0,082	0,289	0,003	0,009	0,127	FALSE
0,009	0,320	0,000	0,013	0,003	FALSE
-0,016	0,315	-0,001	0,013	0,034	FALSE
-0,032	0,312	-0,002	0,013	0,052	FALSE
0,062	0,311	0,002	0,012	0,053	FALSE
-0,007	0,299	-0,002	0,010	0,059	FALSE
0,023	0,301	0,001	0,011	0,034	FALSE
-0,096	0,302	-0,003	0,013	0,103	FALSE
-0,088	0,299	-0,002	0,007	0,089	FALSE
-0,078	0,299	-0,002	0,008	0,096	FALSE
0,027	0,302	0,002	0,008	0,072	FALSE
-0,073	0,315	-0,002	0,012	0,080	FALSE
0,116	0,285	0,003	0,009	0,113	FALSE
-0,089	0,307	-0,003	0,012	0,085	FALSE
-0,032	0,318	-0,001	0,011	0,031	FALSE

0,104	0,312	0,003	0,011	0,111	FALSE
-0,080	0,296	-0,001	0,006	0,080	FALSE
0,049	0,301	0,002	0,011	0,067	FALSE
-0,014	0,313	-0,001	0,011	0,039	FALSE
-0,133	0,295	-0,005	0,011	0,179	FALSE
-0,055	0,300	-0,001	0,011	0,040	FALSE
-0,002	0,311	0,000	0,013	0,009	FALSE
-0,010	0,311	0,000	0,010	0,002	FALSE
0,064	0,312	0,001	0,007	0,081	FALSE
0,137	0,312	0,004	0,009	0,198	FALSE
0,031	0,303	0,001	0,009	0,051	FALSE
0,018	0,321	0,000	0,008	0,016	FALSE
0,073	0,300	0,002	0,009	0,065	FALSE
-0,004	0,301	0,000	0,007	0,013	FALSE
-0,003	0,299	-0,001	0,012	0,040	FALSE
-0,009	0,313	0,000	0,007	0,007	FALSE
0,001	0,311	0,000	0,012	0,010	FALSE
0,077	0,295	0,002	0,008	0,083	FALSE
0,061	0,319	0,001	0,007	0,076	FALSE
0,111	0,320	0,005	0,012	0,158	FALSE
0,002	0,299	-0,001	0,011	0,019	FALSE
0,047	0,298	0,001	0,011	0,022	FALSE
0,054	0,294	0,001	0,007	0,049	FALSE
-0,151	0,294	-0,006	0,013	0,203	FALSE
0,037	0,308	0,000	0,007	0,020	FALSE
-0,019	0,311	-0,001	0,007	0,039	FALSE
-0,031	0,308	-0,002	0,012	0,047	FALSE
0,094	0,312	0,003	0,008	0,129	FALSE
-0,109	0,290	-0,005	0,012	0,171	FALSE
0,044	0,308	0,003	0,012	0,078	FALSE
-0,086	0,308	-0,003	0,012	0,108	FALSE
-0,047	0,317	-0,002	0,013	0,051	FALSE
0,226	0,304	0,007	0,009	0,357	FALSE
-0,008	0,306	0,000	0,012	0,005	FALSE
0,024	0,309	0,001	0,008	0,033	FALSE
-0,004	0,314	0,000	0,008	0,013	FALSE
-0,053	0,311	-0,001	0,007	0,033	FALSE
-0,142	0,293	-0,003	0,007	0,168	FALSE
0,024	0,315	0,000	0,008	0,007	FALSE
0,028	0,302	0,001	0,007	0,056	FALSE
0,077	0,319	0,003	0,011	0,091	FALSE
-0,066	0,302	-0,002	0,009	0,086	FALSE
0,091	0,309	0,002	0,009	0,107	FALSE
-0,054	0,322	-0,002	0,013	0,062	FALSE
-0,037	0,305	-0,001	0,013	0,041	FALSE
-0,096	0,295	-0,002	0,006	0,101	FALSE
0,042	0,314	0,001	0,010	0,037	FALSE
0,058	0,307	0,002	0,010	0,084	FALSE
-0,050	0,307	-0,002	0,008	0,079	FALSE
-0,079	0,308	-0,002	0,007	0,085	FALSE
-0,011	0,309	-0,001	0,012	0,023	FALSE
-0,002	0,293	0,000	0,012	0,008	FALSE
0,034	0,284	0,001	0,012	0,031	FALSE

0,097	0,292	0,003	0,008	0,168	FALSE
-0,110	0,315	-0,006	0,013	0,201	FALSE
0,123	0,319	0,003	0,009	0,152	FALSE
0,090	0,301	0,002	0,008	0,110	FALSE
0,070	0,309	0,001	0,008	0,074	FALSE
-0,120	0,297	-0,005	0,013	0,164	FALSE
-0,065	0,296	-0,001	0,007	0,062	FALSE
0,018	0,302	0,001	0,009	0,047	FALSE
0,015	0,301	0,000	0,007	0,019	FALSE
-0,075	0,302	-0,002	0,011	0,072	FALSE
0,050	0,302	0,001	0,007	0,079	FALSE
0,140	0,300	0,003	0,007	0,165	FALSE
0,090	0,293	0,004	0,009	0,161	FALSE
0,178	0,306	0,004	0,007	0,265	FALSE
0,147	0,305	0,006	0,012	0,206	FALSE
-0,023	0,326	-0,001	0,013	0,032	FALSE
-0,007	0,292	0,000	0,009	0,004	FALSE
-0,120	0,309	-0,005	0,013	0,149	FALSE
0,133	0,319	0,004	0,011	0,169	FALSE
0,053	0,322	0,002	0,009	0,078	FALSE
-0,018	0,313	0,000	0,007	0,017	FALSE
-0,101	0,292	-0,002	0,007	0,107	FALSE
0,101	0,314	0,003	0,010	0,128	FALSE
0,062	0,314	0,003	0,013	0,083	FALSE
0,039	0,301	0,001	0,013	0,030	FALSE
0,150	0,301	0,005	0,011	0,207	FALSE
0,048	0,302	0,001	0,008	0,041	FALSE
0,057	0,304	0,001	0,009	0,050	FALSE
-0,027	0,326	-0,002	0,012	0,056	FALSE
-0,011	0,318	-0,001	0,009	0,027	FALSE
-0,047	0,304	-0,001	0,009	0,058	FALSE
0,048	0,302	0,001	0,007	0,068	FALSE
-0,061	0,317	-0,002	0,009	0,087	FALSE
0,067	0,295	0,001	0,006	0,090	FALSE
0,033	0,299	0,001	0,006	0,029	FALSE
-0,123	0,282	-0,004	0,010	0,147	FALSE
0,035	0,305	0,002	0,011	0,055	FALSE
0,010	0,311	0,001	0,010	0,029	FALSE
0,032	0,303	0,001	0,010	0,040	FALSE
-0,053	0,313	-0,001	0,007	0,064	FALSE
-0,068	0,305	-0,002	0,006	0,092	FALSE
0,058	0,287	0,003	0,012	0,089	FALSE
0,004	0,307	0,000	0,007	0,003	FALSE
0,053	0,309	0,002	0,013	0,050	FALSE
0,046	0,304	0,002	0,006	0,095	FALSE
0,173	0,291	0,008	0,012	0,267	FALSE
0,177	0,309	0,008	0,013	0,258	FALSE
0,006	0,306	0,001	0,013	0,018	FALSE
-0,082	0,298	-0,001	0,007	0,073	FALSE
0,047	0,308	0,002	0,012	0,061	FALSE
-0,106	0,295	-0,002	0,006	0,111	FALSE
0,105	0,301	0,002	0,007	0,128	FALSE
0,087	0,297	0,002	0,007	0,117	FALSE

-0,036	0,311	-0,001	0,013	0,027	FALSE
-0,004	0,292	0,000	0,012	0,011	FALSE
0,003	0,311	0,000	0,013	0,008	FALSE
0,018	0,319	0,001	0,008	0,023	FALSE
-0,093	0,289	-0,003	0,010	0,113	FALSE
0,018	0,300	0,000	0,009	0,011	FALSE
0,013	0,305	0,000	0,007	0,024	FALSE
0,072	0,306	0,003	0,009	0,133	FALSE
-0,032	0,287	-0,001	0,010	0,053	FALSE
-0,028	0,322	0,000	0,012	0,009	FALSE
0,044	0,305	0,001	0,007	0,050	FALSE
-0,027	0,292	-0,001	0,009	0,042	FALSE
0,000	0,312	0,000	0,010	0,002	FALSE
0,046	0,302	0,002	0,013	0,044	FALSE
-0,066	0,293	-0,002	0,009	0,089	FALSE
0,120	0,298	0,005	0,012	0,192	FALSE
-0,062	0,311	-0,002	0,008	0,085	FALSE
-0,081	0,300	-0,003	0,009	0,114	FALSE
-0,138	0,311	-0,004	0,007	0,217	FALSE
-0,101	0,307	-0,002	0,007	0,140	FALSE
0,080	0,302	0,002	0,012	0,080	FALSE
0,083	0,297	0,003	0,009	0,101	FALSE
0,055	0,315	0,002	0,013	0,074	FALSE
0,052	0,313	0,002	0,012	0,067	FALSE
0,066	0,306	0,003	0,012	0,096	FALSE
-0,200	0,306	-0,007	0,011	0,283	FALSE
0,077	0,320	0,004	0,013	0,115	FALSE
0,146	0,297	0,005	0,011	0,199	FALSE
0,122	0,287	0,005	0,011	0,190	FALSE
0,126	0,312	0,005	0,012	0,178	FALSE
0,132	0,294	0,005	0,011	0,219	FALSE
0,053	0,315	0,001	0,008	0,029	FALSE
0,093	0,307	0,004	0,012	0,132	FALSE
-0,128	0,302	-0,003	0,008	0,160	FALSE
-0,070	0,303	-0,002	0,012	0,052	FALSE
-0,050	0,307	-0,001	0,012	0,023	FALSE
-0,007	0,318	0,001	0,013	0,022	FALSE
0,057	0,304	0,002	0,011	0,060	FALSE
0,133	0,294	0,006	0,013	0,181	FALSE
-0,074	0,319	-0,002	0,010	0,086	FALSE
0,028	0,300	0,002	0,013	0,044	FALSE
0,026	0,315	0,001	0,011	0,025	FALSE
0,082	0,295	0,003	0,008	0,136	FALSE
-0,074	0,300	-0,002	0,010	0,087	FALSE
-0,037	0,308	-0,001	0,006	0,038	FALSE
-0,080	0,303	-0,002	0,009	0,086	FALSE
0,007	0,317	0,000	0,009	0,005	FALSE
0,035	0,305	0,001	0,011	0,039	FALSE
-0,079	0,304	-0,002	0,010	0,090	FALSE
0,084	0,301	0,003	0,011	0,111	FALSE
0,079	0,305	0,003	0,011	0,106	FALSE
-0,118	0,308	-0,003	0,008	0,164	FALSE
0,195	0,297	0,006	0,009	0,290	FALSE

-0,161	0,317	-0,004	0,008	0,203	FALSE
-0,136	0,305	-0,003	0,007	0,166	FALSE
-0,028	0,316	-0,001	0,008	0,065	FALSE
0,042	0,306	0,001	0,012	0,026	FALSE
-0,158	0,313	-0,003	0,008	0,193	FALSE
-0,013	0,306	0,000	0,011	0,016	FALSE
0,032	0,315	0,001	0,011	0,016	FALSE
0,017	0,307	0,000	0,011	0,001	FALSE
-0,005	0,315	-0,001	0,011	0,020	FALSE
0,005	0,293	0,000	0,010	0,011	FALSE
-0,149	0,320	-0,006	0,013	0,201	FALSE
0,127	0,289	0,003	0,007	0,180	FALSE
-0,103	0,313	-0,004	0,012	0,120	FALSE
-0,063	0,314	-0,002	0,012	0,061	FALSE
-0,059	0,285	-0,002	0,010	0,092	FALSE
-0,085	0,301	-0,003	0,009	0,145	FALSE
0,017	0,306	0,002	0,012	0,059	FALSE
0,022	0,296	0,000	0,007	0,017	FALSE
-0,044	0,304	-0,002	0,012	0,063	FALSE
0,071	0,313	0,002	0,009	0,088	FALSE
-0,051	0,298	-0,002	0,007	0,087	FALSE
-0,087	0,322	-0,002	0,008	0,108	FALSE
0,006	0,277	0,000	0,006	0,001	FALSE
0,060	0,303	0,002	0,006	0,100	FALSE
-0,001	0,297	0,001	0,013	0,019	FALSE
0,016	0,308	0,000	0,010	0,001	FALSE
0,104	0,287	0,003	0,008	0,135	FALSE
-0,111	0,319	-0,003	0,007	0,152	FALSE
0,026	0,304	0,002	0,012	0,050	FALSE
0,060	0,307	0,002	0,009	0,081	FALSE
0,033	0,303	0,002	0,009	0,072	FALSE
-0,056	0,303	-0,001	0,006	0,069	FALSE
-0,025	0,316	-0,001	0,009	0,037	FALSE
-0,056	0,298	-0,002	0,009	0,085	FALSE
-0,053	0,309	-0,002	0,008	0,076	FALSE
0,093	0,295	0,001	0,007	0,080	FALSE
-0,081	0,306	-0,002	0,008	0,089	FALSE
0,100	0,305	0,003	0,008	0,146	FALSE
-0,098	0,326	-0,004	0,014	0,124	FALSE
-0,098	0,310	-0,004	0,013	0,135	FALSE
-0,083	0,310	-0,004	0,013	0,112	FALSE
0,102	0,308	0,003	0,008	0,142	FALSE
0,028	0,311	0,000	0,007	0,021	FALSE
0,034	0,306	0,001	0,007	0,049	FALSE
0,033	0,306	0,001	0,008	0,035	FALSE
0,032	0,313	0,001	0,013	0,033	FALSE
0,031	0,300	0,001	0,008	0,032	FALSE
0,016	0,297	0,000	0,008	0,020	FALSE
-0,064	0,315	-0,002	0,009	0,073	FALSE
-0,028	0,306	-0,001	0,007	0,051	FALSE
-0,047	0,295	-0,002	0,011	0,058	FALSE
-0,010	0,320	0,000	0,011	0,012	FALSE
-0,071	0,317	-0,003	0,013	0,096	FALSE

-0,030	0,304	0,000	0,009	0,011	FALSE
-0,019	0,306	-0,001	0,012	0,016	FALSE
-0,045	0,300	-0,001	0,010	0,041	FALSE
-0,080	0,316	-0,002	0,010	0,077	FALSE
-0,041	0,303	-0,002	0,013	0,069	FALSE
-0,053	0,311	-0,001	0,007	0,068	FALSE
0,021	0,300	0,001	0,006	0,029	FALSE
0,047	0,324	0,001	0,009	0,045	FALSE
0,017	0,296	0,001	0,007	0,034	FALSE
0,009	0,305	0,000	0,010	0,011	FALSE
0,008	0,302	0,000	0,007	0,023	FALSE
0,059	0,303	0,003	0,011	0,115	FALSE
0,070	0,312	0,004	0,012	0,115	FALSE
0,068	0,313	0,004	0,013	0,115	FALSE
-0,005	0,303	-0,001	0,012	0,016	FALSE
0,065	0,309	0,002	0,007	0,098	FALSE
0,051	0,314	0,002	0,013	0,042	FALSE
-0,012	0,308	0,000	0,012	0,002	FALSE
0,017	0,328	0,001	0,013	0,017	FALSE
0,081	0,321	0,002	0,007	0,118	FALSE
-0,019	0,310	-0,001	0,012	0,021	FALSE
0,032	0,317	0,000	0,012	0,005	FALSE
0,056	0,313	0,003	0,013	0,074	FALSE
-0,017	0,318	0,000	0,010	0,011	FALSE
-0,067	0,300	-0,001	0,007	0,080	FALSE
-0,077	0,299	-0,001	0,006	0,087	FALSE
-0,037	0,309	-0,001	0,009	0,057	FALSE
0,117	0,310	0,003	0,007	0,195	FALSE
0,041	0,311	0,001	0,008	0,074	FALSE
0,051	0,293	0,001	0,007	0,075	FALSE
-0,030	0,315	-0,002	0,012	0,055	FALSE
0,024	0,304	0,000	0,009	0,012	FALSE
0,015	0,319	0,001	0,010	0,024	FALSE
0,019	0,304	0,000	0,007	0,015	FALSE
-0,013	0,302	0,000	0,012	0,013	FALSE
0,024	0,306	0,001	0,011	0,042	FALSE
0,108	0,313	0,004	0,011	0,137	TRUE
-0,001	0,316	0,000	0,012	0,005	FALSE
0,006	0,303	0,000	0,010	0,009	FALSE
0,024	0,329	0,000	0,013	0,010	FALSE
0,059	0,294	0,001	0,010	0,048	FALSE
0,056	0,312	0,002	0,007	0,107	FALSE
0,017	0,305	0,000	0,007	0,025	FALSE
-0,015	0,303	0,000	0,010	0,007	FALSE
-0,055	0,309	-0,001	0,006	0,050	FALSE
-0,066	0,293	-0,003	0,012	0,101	FALSE
0,130	0,303	0,004	0,009	0,179	FALSE
0,077	0,301	0,002	0,011	0,072	FALSE
-0,033	0,304	-0,001	0,008	0,045	FALSE
0,011	0,299	0,000	0,007	0,020	FALSE
0,101	0,301	0,004	0,010	0,148	FALSE
-0,155	0,304	-0,004	0,008	0,211	FALSE
0,126	0,302	0,002	0,006	0,143	FALSE

-0,004	0,312	0,000	0,008	0,005	FALSE
0,046	0,302	0,001	0,007	0,063	FALSE
-0,071	0,307	-0,002	0,010	0,096	FALSE
0,141	0,297	0,003	0,006	0,215	FALSE
0,033	0,306	0,001	0,007	0,066	FALSE
0,105	0,313	0,003	0,009	0,142	FALSE
-0,011	0,302	0,000	0,011	0,013	FALSE
-0,113	0,309	-0,004	0,010	0,164	FALSE
0,045	0,301	0,001	0,006	0,042	FALSE
-0,143	0,321	-0,006	0,013	0,192	FALSE
0,102	0,309	0,003	0,009	0,151	FALSE
0,052	0,304	0,002	0,009	0,070	FALSE
-0,130	0,296	-0,003	0,008	0,153	FALSE
0,052	0,303	0,001	0,010	0,036	FALSE
0,047	0,313	0,002	0,008	0,070	FALSE
-0,011	0,320	-0,001	0,010	0,025	FALSE
-0,052	0,309	-0,002	0,009	0,088	FALSE
-0,099	0,298	-0,004	0,012	0,136	FALSE
-0,067	0,301	-0,002	0,011	0,056	FALSE
0,023	0,310	0,001	0,010	0,049	FALSE
-0,145	0,296	-0,004	0,010	0,161	FALSE
0,037	0,311	0,001	0,013	0,026	FALSE
-0,036	0,318	-0,001	0,013	0,033	FALSE
-0,026	0,314	0,000	0,011	0,009	FALSE
0,093	0,317	0,002	0,009	0,099	FALSE
-0,049	0,295	-0,002	0,008	0,092	FALSE
0,078	0,318	0,002	0,008	0,084	FALSE
0,032	0,311	0,001	0,012	0,042	FALSE
-0,068	0,307	-0,001	0,012	0,044	FALSE
-0,054	0,303	-0,002	0,008	0,102	FALSE
-0,053	0,317	-0,001	0,010	0,045	FALSE
-0,118	0,293	-0,003	0,009	0,141	FALSE
-0,028	0,301	-0,001	0,010	0,029	FALSE
0,039	0,311	0,001	0,010	0,047	FALSE
-0,061	0,303	-0,002	0,012	0,064	FALSE
0,008	0,322	0,000	0,012	0,006	FALSE
0,057	0,305	0,001	0,008	0,061	FALSE
0,037	0,303	0,001	0,006	0,054	FALSE
0,101	0,296	0,002	0,007	0,136	FALSE
-0,135	0,318	-0,004	0,009	0,185	FALSE
-0,106	0,303	-0,003	0,010	0,115	FALSE
-0,016	0,302	-0,001	0,006	0,034	FALSE
0,043	0,323	0,001	0,011	0,048	FALSE
-0,089	0,310	-0,004	0,012	0,116	FALSE
-0,107	0,308	-0,004	0,010	0,142	FALSE
0,016	0,330	0,001	0,007	0,033	FALSE
0,029	0,320	0,001	0,007	0,043	FALSE
0,100	0,282	0,003	0,008	0,147	FALSE
-0,048	0,294	-0,003	0,011	0,087	FALSE
-0,097	0,313	-0,002	0,008	0,115	FALSE
-0,049	0,315	-0,002	0,009	0,069	FALSE
0,003	0,320	0,000	0,008	0,014	FALSE
0,110	0,305	0,003	0,010	0,131	FALSE

0,145	0,293	0,005	0,011	0,194	FALSE
0,019	0,308	0,001	0,011	0,017	FALSE
-0,054	0,309	-0,002	0,011	0,075	FALSE
0,095	0,305	0,002	0,008	0,106	FALSE
0,050	0,309	0,003	0,013	0,084	FALSE
0,024	0,300	0,000	0,007	0,017	FALSE
0,005	0,297	0,000	0,012	0,005	FALSE
0,038	0,309	0,001	0,008	0,038	FALSE
-0,021	0,306	-0,001	0,009	0,022	FALSE
0,014	0,296	0,000	0,008	0,014	FALSE
-0,012	0,309	0,000	0,008	0,002	FALSE
-0,029	0,294	-0,001	0,006	0,050	FALSE
-0,029	0,306	-0,001	0,013	0,042	FALSE
0,071	0,321	0,002	0,010	0,079	FALSE
-0,072	0,305	-0,002	0,007	0,090	FALSE
0,066	0,311	0,003	0,013	0,090	FALSE
0,041	0,299	0,003	0,010	0,096	FALSE
0,071	0,291	0,003	0,008	0,133	FALSE
-0,116	0,304	-0,003	0,009	0,146	FALSE
-0,091	0,311	-0,003	0,010	0,121	FALSE
-0,030	0,312	-0,001	0,013	0,026	FALSE
-0,111	0,309	-0,003	0,007	0,146	FALSE
-0,048	0,300	-0,001	0,006	0,071	FALSE
-0,028	0,312	-0,001	0,011	0,048	FALSE
0,189	0,307	0,004	0,006	0,257	FALSE
-0,080	0,299	-0,002	0,010	0,078	FALSE
-0,078	0,308	-0,002	0,007	0,081	FALSE
-0,068	0,301	-0,001	0,008	0,072	FALSE
-0,047	0,308	-0,001	0,007	0,047	FALSE
-0,077	0,317	-0,003	0,011	0,118	FALSE
-0,082	0,311	-0,004	0,013	0,111	FALSE
-0,012	0,309	-0,001	0,007	0,031	FALSE
-0,020	0,306	-0,001	0,007	0,038	FALSE
0,131	0,305	0,004	0,008	0,200	FALSE
-0,071	0,306	-0,003	0,010	0,098	FALSE
-0,061	0,301	-0,002	0,010	0,086	FALSE
-0,068	0,303	-0,003	0,011	0,095	FALSE
-0,058	0,306	-0,002	0,011	0,074	FALSE
-0,067	0,297	-0,002	0,007	0,113	FALSE
0,032	0,303	0,001	0,010	0,050	FALSE
0,109	0,300	0,004	0,009	0,187	FALSE
-0,071	0,312	-0,003	0,012	0,103	FALSE
-0,048	0,303	-0,002	0,010	0,067	FALSE
-0,025	0,319	-0,002	0,013	0,044	FALSE
0,004	0,320	-0,001	0,012	0,019	FALSE
-0,002	0,298	-0,001	0,013	0,019	FALSE
-0,015	0,320	-0,001	0,012	0,036	FALSE
0,067	0,298	0,002	0,007	0,084	FALSE
0,006	0,303	0,000	0,012	0,000	FALSE
0,009	0,304	0,001	0,008	0,028	FALSE
0,142	0,297	0,005	0,011	0,185	FALSE
-0,010	0,317	0,000	0,009	0,005	FALSE
-0,089	0,305	-0,003	0,009	0,117	FALSE

-0,030	0,295	-0,001	0,010	0,044	FALSE
-0,020	0,318	-0,001	0,007	0,038	FALSE
-0,041	0,319	-0,001	0,007	0,035	FALSE
-0,020	0,306	0,000	0,006	0,003	FALSE
-0,019	0,309	-0,001	0,007	0,025	FALSE
-0,014	0,302	-0,001	0,006	0,032	FALSE
0,066	0,306	0,002	0,008	0,072	FALSE
-0,041	0,301	-0,001	0,007	0,038	FALSE
0,069	0,306	0,002	0,009	0,077	FALSE
0,149	0,300	0,005	0,010	0,197	FALSE
0,041	0,310	0,001	0,011	0,045	FALSE
0,011	0,313	0,000	0,012	0,008	FALSE
0,003	0,319	0,000	0,012	0,000	FALSE
-0,066	0,309	-0,002	0,012	0,058	FALSE
-0,082	0,299	-0,002	0,011	0,075	FALSE
0,076	0,306	0,002	0,007	0,092	FALSE
-0,010	0,303	-0,001	0,008	0,029	FALSE
0,181	0,306	0,005	0,008	0,283	FALSE
-0,079	0,315	-0,002	0,007	0,094	FALSE
-0,060	0,311	-0,001	0,010	0,036	FALSE
-0,007	0,293	0,000	0,008	0,005	FALSE
-0,031	0,315	0,000	0,009	0,017	FALSE
0,248	0,303	0,005	0,006	0,358	FALSE
-0,063	0,312	-0,002	0,011	0,071	FALSE
-0,098	0,300	-0,003	0,010	0,117	FALSE
-0,002	0,305	0,000	0,007	0,007	FALSE
0,234	0,294	0,004	0,006	0,301	FALSE
0,027	0,318	0,001	0,011	0,034	FALSE
-0,093	0,311	-0,004	0,012	0,138	FALSE
0,032	0,317	0,002	0,013	0,062	FALSE
0,065	0,294	0,002	0,008	0,115	FALSE
0,118	0,295	0,004	0,008	0,218	FALSE
0,066	0,299	0,002	0,012	0,073	FALSE
0,066	0,302	0,002	0,010	0,077	FALSE
0,028	0,322	0,001	0,010	0,027	FALSE
0,074	0,314	0,002	0,008	0,094	FALSE
-0,060	0,306	-0,001	0,010	0,052	FALSE
-0,055	0,320	-0,002	0,010	0,085	FALSE
0,045	0,303	0,001	0,007	0,070	FALSE
-0,126	0,302	-0,003	0,006	0,173	FALSE
0,040	0,306	0,001	0,009	0,055	FALSE
-0,002	0,303	0,001	0,007	0,024	FALSE
-0,148	0,316	-0,004	0,010	0,174	FALSE
-0,061	0,312	-0,002	0,013	0,062	FALSE
0,178	0,297	0,004	0,007	0,218	FALSE
-0,073	0,300	-0,005	0,013	0,164	FALSE
0,005	0,300	-0,001	0,009	0,030	FALSE
0,037	0,308	0,001	0,008	0,039	FALSE
0,207	0,297	0,007	0,011	0,276	FALSE
0,044	0,296	0,000	0,006	0,008	FALSE
-0,093	0,305	-0,003	0,012	0,112	FALSE
0,078	0,308	0,004	0,010	0,146	FALSE
-0,075	0,305	-0,003	0,011	0,100	FALSE

-0,047	0,320	-0,001	0,009	0,052	FALSE
-0,056	0,308	-0,003	0,011	0,107	FALSE
-0,098	0,304	-0,002	0,010	0,089	FALSE
-0,037	0,312	0,000	0,007	0,020	FALSE
0,026	0,321	0,000	0,007	0,024	FALSE
-0,028	0,303	-0,001	0,007	0,036	FALSE
0,062	0,305	0,003	0,012	0,082	FALSE
-0,001	0,296	0,000	0,009	0,004	FALSE
0,046	0,300	0,001	0,008	0,063	FALSE
-0,031	0,326	-0,001	0,010	0,027	FALSE
-0,031	0,303	-0,001	0,007	0,052	FALSE
-0,066	0,322	-0,002	0,013	0,065	FALSE
0,059	0,311	0,003	0,012	0,085	FALSE
-0,090	0,294	-0,002	0,006	0,105	FALSE
0,100	0,306	0,005	0,012	0,154	FALSE
0,027	0,314	0,001	0,011	0,036	FALSE
-0,167	0,304	-0,006	0,012	0,219	TRUE
-0,021	0,302	0,000	0,007	0,003	FALSE
0,036	0,326	0,001	0,013	0,017	FALSE
-0,145	0,300	-0,003	0,007	0,198	FALSE
0,063	0,320	0,003	0,012	0,080	FALSE
-0,054	0,310	-0,001	0,006	0,062	FALSE
-0,016	0,300	0,000	0,006	0,012	FALSE
0,079	0,319	0,002	0,007	0,131	FALSE
0,034	0,307	0,001	0,013	0,041	FALSE
-0,051	0,301	-0,002	0,011	0,082	FALSE
-0,112	0,311	-0,003	0,007	0,169	FALSE
0,105	0,298	0,003	0,007	0,196	FALSE
0,028	0,313	0,001	0,011	0,020	FALSE
0,015	0,313	0,000	0,007	0,007	FALSE
-0,082	0,310	-0,004	0,013	0,121	FALSE
-0,055	0,314	-0,002	0,008	0,108	FALSE
-0,059	0,301	-0,003	0,010	0,110	FALSE
-0,140	0,296	-0,007	0,013	0,225	FALSE
-0,097	0,309	-0,002	0,009	0,094	FALSE
-0,125	0,291	-0,003	0,010	0,130	FALSE
-0,066	0,300	-0,001	0,007	0,061	FALSE
-0,067	0,303	-0,002	0,008	0,089	FALSE
-0,062	0,317	-0,002	0,010	0,065	FALSE
0,069	0,331	0,003	0,013	0,103	FALSE
-0,100	0,309	-0,005	0,013	0,143	FALSE
0,104	0,311	0,004	0,010	0,156	FALSE
0,114	0,313	0,004	0,010	0,175	FALSE
0,053	0,309	0,001	0,007	0,059	FALSE
0,024	0,313	0,001	0,008	0,031	FALSE
-0,065	0,301	-0,002	0,007	0,082	FALSE
0,058	0,300	0,003	0,010	0,107	FALSE
0,047	0,323	0,001	0,007	0,054	FALSE
-0,042	0,296	-0,001	0,009	0,031	FALSE
0,001	0,306	0,000	0,013	0,012	FALSE
0,121	0,306	0,002	0,006	0,155	FALSE
0,026	0,309	0,001	0,008	0,030	FALSE
-0,066	0,298	-0,001	0,006	0,078	FALSE

0,114	0,310	0,003	0,011	0,117	FALSE
-0,074	0,310	-0,002	0,007	0,082	FALSE
-0,007	0,301	0,000	0,007	0,017	FALSE
0,131	0,303	0,004	0,009	0,163	FALSE
-0,023	0,306	-0,001	0,010	0,020	FALSE
0,105	0,307	0,004	0,009	0,157	FALSE
-0,085	0,311	-0,003	0,011	0,127	FALSE
0,015	0,309	0,000	0,008	0,007	FALSE
-0,016	0,317	-0,001	0,010	0,027	FALSE
0,038	0,304	0,003	0,009	0,111	FALSE
-0,060	0,319	-0,002	0,011	0,072	FALSE
0,088	0,314	0,002	0,008	0,107	FALSE
-0,084	0,307	-0,002	0,008	0,082	FALSE
-0,032	0,289	-0,001	0,008	0,062	FALSE
-0,045	0,310	-0,003	0,013	0,077	FALSE
0,119	0,301	0,003	0,007	0,150	FALSE
0,220	0,306	0,009	0,012	0,321	FALSE
0,134	0,304	0,004	0,008	0,191	FALSE
0,034	0,303	0,000	0,007	0,008	FALSE
0,048	0,300	0,002	0,008	0,078	FALSE
0,139	0,300	0,005	0,010	0,184	FALSE
-0,060	0,305	-0,002	0,010	0,072	FALSE
-0,061	0,323	-0,002	0,011	0,075	FALSE
-0,139	0,316	-0,004	0,009	0,184	FALSE
-0,022	0,287	-0,002	0,011	0,067	FALSE
-0,014	0,321	0,000	0,009	0,004	FALSE
0,107	0,312	0,004	0,010	0,149	FALSE
0,025	0,298	0,001	0,009	0,062	FALSE
-0,044	0,311	-0,001	0,007	0,043	FALSE
0,060	0,312	0,002	0,008	0,080	FALSE
0,004	0,315	0,000	0,013	0,004	FALSE
0,052	0,307	0,001	0,007	0,082	FALSE
-0,077	0,307	-0,003	0,012	0,107	FALSE
-0,005	0,308	0,000	0,012	0,011	FALSE
0,023	0,312	0,001	0,010	0,036	FALSE
-0,031	0,295	-0,001	0,010	0,031	FALSE
-0,119	0,300	-0,004	0,010	0,138	FALSE
0,031	0,297	0,000	0,007	0,016	FALSE
0,021	0,309	0,000	0,011	0,008	FALSE
0,027	0,317	0,001	0,008	0,033	FALSE
-0,085	0,305	-0,002	0,009	0,082	FALSE
-0,118	0,303	-0,003	0,006	0,168	FALSE
0,143	0,309	0,005	0,010	0,221	FALSE
0,115	0,309	0,002	0,008	0,116	FALSE
0,014	0,303	0,001	0,011	0,027	FALSE
0,112	0,306	0,004	0,010	0,146	FALSE
0,137	0,311	0,003	0,007	0,179	FALSE
0,049	0,306	0,001	0,008	0,039	FALSE
0,049	0,292	0,002	0,012	0,065	FALSE
0,091	0,299	0,004	0,013	0,133	FALSE
-0,026	0,291	0,000	0,007	0,014	FALSE
-0,038	0,293	0,000	0,007	0,024	FALSE
-0,070	0,302	-0,002	0,012	0,076	FALSE

-0,057	0,302	-0,002	0,012	0,074	FALSE
-0,119	0,311	-0,002	0,007	0,142	FALSE
0,033	0,312	0,001	0,007	0,049	FALSE
-0,021	0,307	0,000	0,010	0,011	FALSE
0,003	0,319	0,001	0,013	0,028	FALSE
0,079	0,315	0,002	0,009	0,085	FALSE
0,129	0,309	0,003	0,008	0,161	FALSE
0,011	0,309	0,001	0,008	0,030	FALSE
0,038	0,309	0,001	0,009	0,027	FALSE
0,039	0,307	0,001	0,011	0,036	FALSE
-0,162	0,307	-0,005	0,009	0,218	FALSE
-0,156	0,294	-0,005	0,011	0,204	FALSE
-0,193	0,298	-0,009	0,013	0,304	FALSE
-0,053	0,308	-0,001	0,007	0,066	FALSE
0,133	0,314	0,003	0,007	0,192	FALSE
-0,012	0,299	0,000	0,011	0,015	FALSE
-0,115	0,316	-0,003	0,007	0,163	FALSE
-0,082	0,306	-0,002	0,008	0,112	FALSE
0,085	0,299	0,002	0,006	0,132	FALSE
0,069	0,297	0,002	0,006	0,108	FALSE
-0,037	0,306	-0,001	0,007	0,032	FALSE
-0,029	0,304	-0,001	0,008	0,028	FALSE
-0,053	0,309	-0,001	0,008	0,063	FALSE
0,094	0,317	0,003	0,007	0,143	FALSE
0,086	0,320	0,003	0,012	0,095	FALSE
0,032	0,310	0,001	0,008	0,066	FALSE
-0,015	0,303	-0,001	0,006	0,034	FALSE
0,032	0,313	0,001	0,012	0,041	FALSE
0,091	0,300	0,002	0,008	0,107	FALSE
0,016	0,295	-0,001	0,012	0,016	FALSE
0,048	0,310	0,000	0,011	0,015	FALSE
-0,029	0,312	0,000	0,013	0,010	FALSE
0,016	0,311	0,000	0,010	0,001	FALSE
-0,074	0,305	-0,002	0,011	0,073	FALSE
0,087	0,307	0,004	0,013	0,132	FALSE
-0,046	0,318	-0,002	0,012	0,062	FALSE
-0,008	0,307	0,000	0,012	0,004	FALSE
-0,123	0,307	-0,004	0,009	0,165	FALSE
0,064	0,296	0,002	0,010	0,072	FALSE
-0,010	0,307	-0,001	0,008	0,033	FALSE
-0,012	0,300	-0,001	0,009	0,028	FALSE
0,078	0,317	0,002	0,007	0,100	FALSE
-0,043	0,312	-0,001	0,007	0,074	FALSE
-0,033	0,305	-0,001	0,011	0,024	FALSE
0,022	0,292	0,000	0,012	0,012	FALSE
0,054	0,305	0,002	0,012	0,059	FALSE
0,018	0,303	0,001	0,007	0,034	FALSE
0,014	0,311	0,000	0,007	0,027	FALSE
-0,113	0,305	-0,002	0,007	0,125	FALSE
0,119	0,297	0,004	0,011	0,169	FALSE
0,146	0,283	0,005	0,010	0,225	FALSE
-0,088	0,315	-0,001	0,007	0,082	FALSE
-0,071	0,310	-0,003	0,011	0,106	FALSE

-0,077	0,309	-0,001	0,008	0,065	FALSE
-0,074	0,296	-0,002	0,009	0,104	FALSE
-0,097	0,311	-0,002	0,007	0,128	FALSE
-0,033	0,313	0,000	0,008	0,007	FALSE
-0,017	0,308	0,000	0,008	0,002	FALSE
0,028	0,302	0,000	0,008	0,001	FALSE
0,113	0,306	0,004	0,012	0,143	FALSE
-0,085	0,303	-0,002	0,007	0,107	FALSE
0,049	0,304	0,002	0,011	0,087	FALSE
-0,014	0,307	-0,001	0,008	0,024	FALSE
-0,024	0,315	-0,001	0,008	0,026	FALSE
-0,008	0,296	0,000	0,007	0,026	FALSE
-0,017	0,319	0,000	0,007	0,001	FALSE
-0,130	0,296	-0,003	0,006	0,172	FALSE
0,009	0,304	0,001	0,008	0,030	FALSE
0,029	0,307	0,001	0,012	0,030	FALSE
0,021	0,317	0,001	0,010	0,023	FALSE
0,037	0,301	0,001	0,009	0,030	FALSE
-0,092	0,310	-0,003	0,013	0,092	FALSE
0,009	0,307	0,000	0,011	0,013	FALSE
-0,048	0,312	-0,001	0,007	0,067	FALSE
-0,027	0,310	-0,001	0,010	0,019	FALSE
-0,106	0,308	-0,004	0,011	0,143	FALSE
0,034	0,324	0,001	0,009	0,038	FALSE
-0,025	0,310	-0,001	0,008	0,025	FALSE
-0,105	0,302	-0,003	0,009	0,121	FALSE
0,016	0,303	0,001	0,012	0,020	FALSE
0,016	0,312	0,000	0,012	0,009	FALSE
0,075	0,309	0,003	0,012	0,091	FALSE
0,043	0,316	0,001	0,013	0,040	FALSE
0,088	0,315	0,002	0,009	0,068	FALSE
0,039	0,321	0,002	0,009	0,063	FALSE
0,075	0,309	0,004	0,012	0,132	FALSE
-0,030	0,309	-0,001	0,008	0,034	FALSE
0,082	0,305	0,002	0,007	0,087	FALSE
0,102	0,300	0,003	0,010	0,123	FALSE
0,028	0,313	0,002	0,011	0,054	FALSE
0,067	0,317	0,003	0,010	0,097	FALSE
-0,119	0,312	-0,006	0,013	0,198	FALSE
0,050	0,310	0,002	0,010	0,061	FALSE
-0,093	0,312	-0,003	0,010	0,131	FALSE
0,058	0,294	0,004	0,011	0,123	FALSE
-0,009	0,316	0,000	0,007	0,001	FALSE
0,085	0,305	0,002	0,007	0,091	FALSE
-0,035	0,311	-0,001	0,010	0,043	FALSE
0,026	0,310	0,000	0,008	0,007	FALSE
-0,048	0,300	-0,002	0,008	0,073	FALSE
0,086	0,309	0,003	0,010	0,101	FALSE
-0,052	0,283	-0,003	0,012	0,087	FALSE
-0,022	0,308	-0,001	0,007	0,029	FALSE
-0,017	0,299	0,000	0,006	0,019	FALSE
0,025	0,305	0,000	0,007	0,022	FALSE
-0,051	0,322	-0,002	0,011	0,069	FALSE

0,003	0,316	0,001	0,010	0,051	FALSE
0,083	0,301	0,002	0,008	0,122	FALSE
0,045	0,315	0,001	0,008	0,054	FALSE
-0,085	0,321	-0,004	0,013	0,113	FALSE
0,006	0,315	0,000	0,008	0,020	FALSE
0,011	0,315	0,001	0,008	0,025	FALSE
-0,098	0,300	-0,005	0,012	0,168	FALSE
0,065	0,305	0,002	0,011	0,065	FALSE
-0,061	0,308	-0,002	0,011	0,078	FALSE
0,017	0,315	0,000	0,012	0,011	FALSE
-0,096	0,293	-0,003	0,008	0,138	FALSE
0,056	0,295	0,001	0,012	0,026	FALSE
-0,137	0,297	-0,005	0,010	0,185	FALSE
-0,013	0,292	0,001	0,010	0,022	FALSE
0,096	0,304	0,002	0,007	0,125	FALSE
-0,013	0,312	-0,002	0,012	0,052	FALSE
0,030	0,292	0,003	0,011	0,086	FALSE
-0,117	0,307	-0,002	0,007	0,133	FALSE
0,009	0,298	0,001	0,008	0,024	FALSE
0,039	0,316	0,001	0,009	0,031	FALSE
-0,012	0,319	0,000	0,009	0,002	FALSE
-0,125	0,307	-0,003	0,008	0,162	FALSE
0,015	0,309	0,001	0,009	0,023	FALSE
0,033	0,304	0,001	0,008	0,043	FALSE
0,091	0,305	0,003	0,007	0,156	FALSE
0,139	0,299	0,006	0,012	0,217	FALSE
-0,194	0,307	-0,005	0,008	0,283	FALSE
-0,027	0,308	-0,001	0,006	0,040	FALSE
-0,021	0,318	0,000	0,009	0,018	FALSE
0,040	0,325	0,001	0,007	0,058	FALSE
-0,051	0,314	-0,001	0,007	0,056	FALSE
0,028	0,324	0,000	0,013	0,001	FALSE
0,047	0,304	0,002	0,008	0,078	FALSE
-0,071	0,311	-0,002	0,012	0,068	FALSE
-0,090	0,308	-0,003	0,012	0,108	FALSE
-0,059	0,298	-0,002	0,011	0,057	FALSE
0,105	0,299	0,003	0,007	0,181	FALSE
0,137	0,309	0,004	0,007	0,223	FALSE
0,034	0,304	0,001	0,012	0,026	FALSE
-0,060	0,306	-0,003	0,012	0,083	FALSE
0,083	0,304	0,003	0,010	0,105	FALSE
0,070	0,306	0,003	0,011	0,093	FALSE
-0,046	0,301	-0,002	0,009	0,090	FALSE
-0,061	0,309	-0,002	0,006	0,107	FALSE
0,028	0,306	0,001	0,011	0,032	FALSE
0,006	0,292	0,000	0,010	0,013	FALSE
-0,048	0,315	-0,002	0,010	0,064	FALSE
-0,022	0,302	-0,001	0,012	0,041	FALSE
0,078	0,287	0,003	0,012	0,109	FALSE
0,021	0,308	0,000	0,007	0,011	FALSE
-0,105	0,294	-0,003	0,009	0,143	FALSE
-0,052	0,312	-0,002	0,009	0,064	FALSE
0,015	0,322	0,001	0,010	0,026	FALSE

0,051	0,315	0,002	0,013	0,067	FALSE
-0,009	0,319	0,000	0,009	0,000	FALSE
0,010	0,309	0,000	0,009	0,006	FALSE
0,007	0,315	0,000	0,009	0,009	FALSE
0,126	0,317	0,003	0,006	0,169	FALSE
-0,036	0,312	-0,002	0,013	0,052	FALSE
-0,054	0,311	-0,002	0,012	0,051	FALSE
-0,047	0,304	-0,002	0,011	0,074	FALSE
0,006	0,297	-0,001	0,011	0,024	FALSE
0,005	0,318	0,000	0,007	0,003	FALSE
0,039	0,299	0,001	0,009	0,055	FALSE
-0,122	0,313	-0,003	0,007	0,178	FALSE
0,095	0,317	0,004	0,012	0,127	FALSE
0,068	0,319	0,002	0,009	0,066	FALSE
-0,039	0,324	-0,002	0,013	0,051	FALSE
-0,157	0,305	-0,004	0,008	0,212	FALSE
0,014	0,302	0,000	0,008	0,003	FALSE
0,028	0,311	0,002	0,007	0,077	FALSE
0,175	0,298	0,007	0,010	0,295	FALSE
0,077	0,304	0,002	0,006	0,133	FALSE
-0,157	0,308	-0,006	0,011	0,235	FALSE
0,019	0,307	0,001	0,007	0,050	FALSE
0,080	0,308	0,002	0,007	0,139	FALSE
0,013	0,327	0,001	0,012	0,021	FALSE
0,077	0,291	0,002	0,008	0,112	FALSE
0,115	0,310	0,003	0,006	0,193	FALSE
-0,076	0,296	-0,003	0,011	0,094	FALSE
0,009	0,304	0,000	0,008	0,001	FALSE
-0,005	0,311	0,000	0,009	0,004	FALSE
-0,101	0,312	-0,004	0,011	0,127	FALSE
0,054	0,318	0,002	0,008	0,094	FALSE
-0,030	0,300	-0,001	0,011	0,043	FALSE
-0,084	0,301	-0,003	0,010	0,136	FALSE
0,003	0,307	0,001	0,012	0,015	FALSE
-0,022	0,311	0,000	0,009	0,011	FALSE
-0,048	0,314	-0,001	0,007	0,053	FALSE
0,004	0,315	0,001	0,011	0,016	FALSE
0,007	0,316	0,001	0,011	0,020	FALSE
0,126	0,304	0,003	0,009	0,152	FALSE
-0,043	0,309	-0,001	0,007	0,038	FALSE
-0,006	0,305	-0,001	0,012	0,018	FALSE
0,008	0,314	0,000	0,007	0,012	FALSE
0,149	0,315	0,005	0,009	0,209	FALSE
0,081	0,292	0,002	0,009	0,083	FALSE
0,171	0,291	0,006	0,010	0,278	FALSE
-0,126	0,307	-0,005	0,012	0,187	FALSE
0,059	0,300	0,002	0,012	0,063	FALSE
-0,017	0,307	0,000	0,010	0,000	FALSE
0,016	0,305	-0,001	0,008	0,025	FALSE
0,001	0,315	0,000	0,008	0,007	FALSE
-0,009	0,302	-0,001	0,008	0,025	FALSE
0,051	0,302	0,002	0,008	0,075	FALSE
-0,005	0,301	0,000	0,008	0,005	FALSE

-0,034	0,303	0,000	0,008	0,015	FALSE
0,111	0,297	0,003	0,006	0,165	FALSE
-0,116	0,312	-0,003	0,008	0,147	FALSE
-0,054	0,314	-0,002	0,010	0,078	FALSE
-0,083	0,319	-0,002	0,010	0,100	FALSE
0,030	0,308	0,001	0,011	0,030	FALSE
-0,016	0,321	-0,001	0,008	0,025	FALSE
-0,101	0,305	-0,002	0,008	0,107	FALSE
-0,020	0,311	-0,001	0,012	0,031	FALSE
-0,069	0,310	-0,002	0,010	0,067	FALSE
0,139	0,308	0,004	0,009	0,220	FALSE
0,070	0,301	0,003	0,013	0,086	FALSE
0,011	0,299	0,000	0,007	0,000	FALSE
0,003	0,302	0,001	0,009	0,021	FALSE
0,096	0,300	0,005	0,011	0,175	FALSE
-0,029	0,302	-0,001	0,007	0,034	FALSE
-0,114	0,292	-0,003	0,007	0,169	FALSE
0,028	0,303	0,000	0,008	0,009	FALSE
0,063	0,318	0,003	0,012	0,108	FALSE
-0,065	0,301	-0,002	0,007	0,079	FALSE
-0,025	0,303	-0,001	0,011	0,027	FALSE
-0,012	0,313	0,000	0,008	0,017	FALSE
0,025	0,301	0,001	0,007	0,030	FALSE
0,032	0,300	0,002	0,013	0,044	FALSE
-0,147	0,299	-0,003	0,006	0,186	FALSE
-0,048	0,316	-0,002	0,013	0,059	FALSE
0,030	0,305	0,001	0,011	0,041	FALSE
-0,140	0,293	-0,003	0,006	0,207	FALSE
-0,126	0,313	-0,003	0,007	0,171	FALSE
0,038	0,313	0,001	0,009	0,059	FALSE
0,093	0,290	0,002	0,008	0,100	FALSE
0,040	0,306	0,001	0,009	0,057	FALSE
0,027	0,303	0,001	0,011	0,039	FALSE
0,110	0,293	0,004	0,010	0,143	FALSE
0,050	0,315	0,002	0,012	0,048	FALSE
0,088	0,308	0,003	0,012	0,107	FALSE
0,104	0,303	0,003	0,012	0,108	FALSE
0,044	0,324	0,002	0,008	0,083	FALSE
0,073	0,303	0,002	0,010	0,077	FALSE
0,073	0,302	0,002	0,006	0,103	FALSE
0,015	0,320	0,001	0,009	0,046	FALSE
-0,126	0,300	-0,004	0,010	0,161	FALSE
-0,075	0,307	-0,003	0,011	0,110	FALSE
-0,135	0,311	-0,004	0,009	0,202	FALSE
0,056	0,309	0,002	0,008	0,070	FALSE
0,047	0,306	0,001	0,008	0,056	FALSE
-0,043	0,319	-0,002	0,014	0,057	FALSE
0,106	0,290	0,004	0,010	0,138	FALSE
-0,092	0,305	-0,003	0,009	0,132	FALSE
0,021	0,314	0,001	0,008	0,031	FALSE
-0,029	0,315	-0,001	0,010	0,040	FALSE
0,041	0,301	0,002	0,011	0,083	FALSE
-0,064	0,310	-0,002	0,010	0,055	FALSE

0,035	0,308	0,002	0,010	0,056	FALSE
0,052	0,304	0,001	0,007	0,069	FALSE
0,045	0,298	0,001	0,009	0,055	FALSE
0,017	0,297	0,001	0,010	0,040	FALSE
-0,077	0,311	-0,002	0,009	0,093	FALSE
0,020	0,301	0,000	0,007	0,023	FALSE
0,106	0,309	0,003	0,008	0,163	FALSE
-0,014	0,313	0,000	0,011	0,010	FALSE
0,132	0,303	0,004	0,008	0,205	FALSE
-0,005	0,305	0,000	0,008	0,007	FALSE
0,114	0,300	0,004	0,008	0,179	FALSE
0,004	0,299	0,001	0,008	0,027	FALSE
-0,051	0,305	-0,002	0,012	0,060	FALSE
0,000	0,306	0,000	0,009	0,011	FALSE
-0,043	0,305	-0,002	0,012	0,068	FALSE
-0,089	0,299	-0,002	0,008	0,091	FALSE
-0,009	0,319	0,000	0,008	0,006	FALSE
0,113	0,302	0,003	0,009	0,119	FALSE
-0,001	0,323	0,000	0,013	0,005	FALSE
-0,009	0,326	0,000	0,009	0,009	FALSE
0,045	0,314	0,001	0,008	0,034	FALSE
-0,074	0,298	-0,001	0,007	0,081	FALSE
-0,238	0,297	-0,009	0,011	0,394	FALSE
-0,067	0,320	-0,002	0,008	0,075	FALSE
-0,060	0,308	-0,002	0,008	0,072	FALSE
0,088	0,307	0,002	0,007	0,092	FALSE
0,005	0,303	0,001	0,011	0,034	FALSE
0,033	0,301	0,001	0,013	0,022	FALSE
0,038	0,322	0,002	0,011	0,072	FALSE
-0,014	0,317	-0,001	0,013	0,018	FALSE
-0,036	0,304	-0,001	0,007	0,028	FALSE
0,027	0,319	0,002	0,011	0,053	FALSE
-0,036	0,317	-0,001	0,010	0,022	FALSE
-0,055	0,317	-0,001	0,010	0,037	FALSE
-0,064	0,316	-0,002	0,008	0,081	FALSE
0,120	0,311	0,004	0,011	0,171	FALSE
0,039	0,312	0,001	0,009	0,033	FALSE
0,060	0,304	0,002	0,009	0,062	FALSE
0,039	0,299	0,002	0,008	0,101	FALSE
0,014	0,291	0,001	0,012	0,018	FALSE
-0,113	0,303	-0,003	0,007	0,155	FALSE
-0,027	0,313	-0,001	0,008	0,024	FALSE
0,083	0,308	0,002	0,008	0,101	FALSE
0,113	0,301	0,004	0,011	0,134	FALSE
0,014	0,314	0,000	0,007	0,022	FALSE
0,000	0,301	0,001	0,007	0,035	FALSE
-0,069	0,304	-0,004	0,012	0,120	FALSE
0,050	0,312	0,002	0,010	0,063	FALSE
0,076	0,308	0,001	0,006	0,084	FALSE
-0,056	0,292	-0,001	0,006	0,055	FALSE
-0,073	0,303	-0,002	0,007	0,090	FALSE
0,093	0,284	0,004	0,012	0,149	FALSE
0,032	0,313	0,002	0,011	0,055	FALSE

-0,001	0,323	0,000	0,011	0,015	FALSE
0,035	0,310	0,001	0,010	0,057	FALSE
-0,030	0,333	-0,001	0,007	0,027	FALSE
-0,047	0,305	-0,002	0,012	0,047	FALSE
-0,083	0,304	-0,002	0,007	0,085	FALSE
0,048	0,306	0,001	0,007	0,026	FALSE
0,024	0,304	0,001	0,008	0,045	FALSE
-0,033	0,316	-0,001	0,007	0,050	FALSE
0,041	0,309	0,001	0,013	0,021	FALSE
-0,060	0,305	-0,002	0,008	0,072	FALSE
-0,059	0,312	-0,002	0,008	0,080	FALSE
-0,079	0,302	-0,003	0,012	0,104	FALSE
-0,117	0,312	-0,003	0,008	0,144	FALSE
0,040	0,308	0,001	0,012	0,029	FALSE
-0,122	0,303	-0,004	0,012	0,131	FALSE
-0,089	0,312	-0,003	0,009	0,110	FALSE
0,090	0,296	0,002	0,008	0,112	FALSE
0,041	0,312	0,002	0,012	0,054	FALSE
0,092	0,303	0,002	0,008	0,101	FALSE
0,070	0,311	0,001	0,007	0,084	FALSE
-0,139	0,309	-0,004	0,008	0,196	FALSE
0,037	0,316	0,001	0,010	0,031	FALSE
-0,009	0,294	-0,001	0,011	0,034	FALSE
0,018	0,305	0,000	0,009	0,012	FALSE
0,003	0,316	0,000	0,007	0,016	FALSE
0,092	0,319	0,004	0,013	0,113	FALSE
-0,020	0,313	-0,001	0,008	0,028	FALSE
-0,087	0,311	-0,002	0,009	0,108	FALSE
-0,035	0,299	0,000	0,006	0,025	FALSE
-0,049	0,306	-0,001	0,006	0,056	FALSE
-0,074	0,316	-0,002	0,008	0,086	FALSE
0,016	0,302	0,001	0,007	0,039	FALSE
0,092	0,286	0,003	0,008	0,144	FALSE
0,060	0,302	0,002	0,007	0,118	FALSE
0,127	0,302	0,004	0,008	0,217	FALSE
0,077	0,298	0,003	0,008	0,140	FALSE
-0,016	0,312	0,000	0,013	0,012	FALSE
-0,003	0,314	-0,001	0,011	0,020	FALSE
-0,047	0,308	-0,001	0,007	0,041	FALSE
-0,007	0,309	0,000	0,012	0,006	FALSE
0,138	0,297	0,004	0,010	0,177	FALSE
0,084	0,322	0,003	0,013	0,088	FALSE
0,175	0,296	0,006	0,011	0,247	FALSE
-0,021	0,315	-0,001	0,013	0,019	FALSE
0,085	0,300	0,003	0,011	0,101	FALSE
0,053	0,299	0,003	0,012	0,091	FALSE
-0,039	0,320	0,000	0,007	0,019	FALSE
0,107	0,310	0,003	0,007	0,174	FALSE
0,114	0,301	0,003	0,007	0,176	FALSE
0,054	0,314	0,002	0,012	0,064	FALSE
-0,066	0,313	-0,002	0,008	0,115	FALSE
0,018	0,313	0,001	0,012	0,024	FALSE
-0,051	0,328	-0,002	0,013	0,066	FALSE

-0,007	0,316	0,000	0,011	0,014	FALSE
0,004	0,319	0,000	0,010	0,004	FALSE
-0,017	0,314	-0,001	0,011	0,024	FALSE
-0,013	0,301	-0,002	0,012	0,070	FALSE
0,054	0,313	0,002	0,007	0,087	FALSE
-0,078	0,311	-0,002	0,007	0,096	FALSE
-0,055	0,306	-0,002	0,009	0,096	FALSE
0,017	0,309	0,001	0,010	0,034	FALSE
0,016	0,306	0,000	0,009	0,010	FALSE
0,008	0,313	0,001	0,013	0,016	FALSE
-0,043	0,311	-0,002	0,013	0,051	FALSE
0,003	0,296	0,000	0,010	0,009	FALSE
0,051	0,307	0,001	0,009	0,055	FALSE
-0,041	0,300	-0,001	0,007	0,055	FALSE
0,084	0,308	0,003	0,013	0,096	FALSE
0,118	0,318	0,003	0,007	0,189	FALSE
-0,074	0,314	-0,002	0,009	0,104	FALSE
-0,023	0,319	0,000	0,007	0,007	FALSE
-0,136	0,315	-0,005	0,012	0,175	FALSE
0,042	0,297	0,002	0,013	0,064	FALSE
-0,046	0,323	-0,001	0,008	0,041	FALSE
0,020	0,323	0,001	0,009	0,041	FALSE
0,049	0,313	0,001	0,008	0,060	FALSE
0,024	0,309	0,002	0,011	0,069	FALSE
-0,006	0,289	0,001	0,008	0,035	FALSE
0,080	0,299	0,003	0,013	0,092	FALSE
0,051	0,300	0,001	0,008	0,031	FALSE
0,058	0,304	0,001	0,009	0,055	FALSE
0,028	0,322	0,001	0,008	0,029	FALSE
0,070	0,294	0,002	0,008	0,073	FALSE
-0,038	0,313	-0,001	0,011	0,038	FALSE
0,003	0,302	0,000	0,007	0,009	FALSE
-0,064	0,295	-0,003	0,012	0,093	FALSE
-0,067	0,297	-0,003	0,012	0,106	FALSE
0,047	0,308	0,001	0,010	0,054	FALSE
-0,090	0,278	-0,004	0,011	0,132	FALSE
-0,119	0,295	-0,003	0,007	0,165	FALSE
-0,053	0,321	-0,001	0,007	0,050	FALSE
-0,064	0,305	-0,001	0,006	0,082	FALSE
-0,068	0,304	-0,003	0,010	0,102	FALSE
0,037	0,306	0,000	0,013	0,005	FALSE
-0,148	0,298	-0,006	0,012	0,205	FALSE
-0,101	0,304	-0,002	0,007	0,135	FALSE
-0,012	0,309	0,000	0,007	0,025	FALSE
0,172	0,294	0,004	0,008	0,233	FALSE
0,052	0,310	0,001	0,007	0,032	FALSE
0,017	0,302	0,001	0,012	0,029	FALSE
-0,100	0,319	-0,003	0,012	0,112	FALSE
-0,090	0,305	-0,003	0,010	0,108	FALSE
0,060	0,309	0,002	0,006	0,088	FALSE
-0,102	0,314	-0,002	0,008	0,110	FALSE
-0,109	0,321	-0,003	0,009	0,113	FALSE
0,081	0,299	0,002	0,008	0,109	FALSE

-0,003	0,317	0,000	0,007	0,008	FALSE
0,042	0,297	0,002	0,009	0,073	FALSE
0,053	0,314	0,002	0,008	0,081	FALSE
-0,055	0,323	-0,002	0,011	0,070	FALSE
-0,094	0,307	-0,003	0,013	0,107	FALSE
-0,097	0,307	-0,003	0,009	0,131	FALSE
-0,027	0,293	-0,001	0,008	0,030	FALSE
-0,027	0,313	-0,001	0,007	0,039	FALSE
0,083	0,296	0,004	0,012	0,143	FALSE
-0,007	0,300	0,000	0,006	0,004	FALSE
0,044	0,297	0,002	0,010	0,057	FALSE
0,008	0,315	0,001	0,007	0,043	FALSE
0,080	0,318	0,002	0,009	0,098	FALSE
0,160	0,301	0,004	0,007	0,261	FALSE
0,075	0,294	0,003	0,012	0,090	FALSE
-0,078	0,306	-0,002	0,008	0,095	FALSE
0,019	0,317	0,000	0,007	0,015	FALSE
0,072	0,309	0,002	0,006	0,110	FALSE
0,026	0,308	0,001	0,008	0,052	FALSE
0,033	0,307	0,002	0,008	0,072	FALSE
-0,004	0,305	0,000	0,006	0,027	FALSE
0,001	0,314	0,000	0,009	0,004	FALSE
-0,107	0,312	-0,002	0,007	0,114	FALSE
-0,084	0,296	-0,002	0,006	0,117	FALSE
-0,083	0,327	-0,002	0,008	0,074	FALSE
-0,023	0,303	-0,001	0,007	0,061	FALSE
0,002	0,306	0,001	0,012	0,027	FALSE
-0,002	0,301	0,001	0,012	0,020	FALSE
-0,108	0,307	-0,004	0,010	0,148	FALSE
0,018	0,309	0,000	0,012	0,001	FALSE
0,020	0,300	0,000	0,007	0,011	FALSE
0,023	0,295	0,000	0,007	0,020	FALSE
-0,007	0,295	0,000	0,010	0,006	FALSE
-0,089	0,291	-0,004	0,011	0,129	FALSE
-0,071	0,308	-0,002	0,007	0,090	FALSE
-0,092	0,304	-0,002	0,008	0,114	FALSE
-0,088	0,295	-0,002	0,008	0,118	FALSE
0,038	0,308	0,002	0,011	0,058	FALSE
0,052	0,305	0,001	0,010	0,050	FALSE
-0,023	0,303	-0,001	0,011	0,032	FALSE
-0,013	0,303	0,000	0,007	0,012	FALSE
-0,006	0,323	0,000	0,007	0,003	FALSE
-0,040	0,299	-0,001	0,007	0,042	FALSE
0,100	0,300	0,005	0,011	0,206	FALSE
0,090	0,296	0,001	0,006	0,068	FALSE
-0,006	0,299	-0,001	0,011	0,043	FALSE
-0,065	0,321	-0,001	0,007	0,057	FALSE
0,006	0,311	0,001	0,011	0,032	FALSE
0,012	0,311	0,000	0,013	0,007	FALSE
-0,086	0,318	-0,003	0,008	0,127	FALSE
-0,009	0,317	0,001	0,013	0,016	FALSE
-0,116	0,319	-0,003	0,008	0,133	FALSE
-0,025	0,317	-0,001	0,013	0,023	FALSE

0,171	0,294	0,005	0,009	0,259	FALSE
0,030	0,313	0,001	0,013	0,041	FALSE
0,060	0,309	0,002	0,012	0,059	FALSE
0,118	0,307	0,005	0,012	0,161	FALSE
-0,028	0,306	-0,001	0,011	0,027	FALSE
-0,089	0,304	-0,002	0,007	0,101	FALSE
0,101	0,300	0,004	0,012	0,126	FALSE
0,028	0,302	0,001	0,006	0,048	FALSE
0,018	0,307	0,000	0,007	0,019	FALSE
-0,040	0,305	-0,001	0,008	0,053	FALSE
0,053	0,324	0,002	0,011	0,075	FALSE
-0,003	0,307	0,000	0,007	0,013	FALSE
0,011	0,303	0,000	0,007	0,013	FALSE
0,012	0,305	0,000	0,007	0,014	FALSE
0,160	0,297	0,007	0,013	0,210	FALSE
0,161	0,281	0,007	0,012	0,251	FALSE
0,040	0,311	0,001	0,007	0,056	FALSE
0,034	0,327	0,001	0,011	0,023	FALSE
-0,022	0,324	-0,001	0,009	0,046	FALSE
0,024	0,306	0,000	0,009	0,004	FALSE
-0,216	0,313	-0,008	0,011	0,309	FALSE
-0,011	0,313	0,000	0,009	0,000	FALSE
0,052	0,303	0,001	0,008	0,048	FALSE
0,066	0,303	0,001	0,008	0,072	FALSE
-0,057	0,307	-0,002	0,013	0,048	FALSE
0,074	0,307	0,004	0,011	0,131	FALSE
0,002	0,298	-0,001	0,012	0,020	FALSE
-0,117	0,298	-0,004	0,008	0,179	FALSE
0,030	0,316	0,001	0,007	0,035	FALSE
-0,064	0,307	-0,003	0,009	0,114	FALSE
0,038	0,317	0,001	0,009	0,041	FALSE
0,044	0,291	0,001	0,012	0,032	FALSE
-0,029	0,306	-0,002	0,009	0,059	FALSE
0,035	0,303	0,002	0,011	0,055	FALSE
0,038	0,314	0,003	0,012	0,083	FALSE
-0,064	0,310	-0,002	0,008	0,099	FALSE
-0,043	0,308	-0,001	0,007	0,032	FALSE
-0,043	0,313	-0,001	0,008	0,065	FALSE
0,027	0,305	0,001	0,009	0,031	FALSE
0,088	0,316	0,004	0,013	0,114	FALSE
-0,076	0,312	-0,003	0,011	0,108	FALSE
-0,003	0,302	0,000	0,008	0,010	FALSE
-0,092	0,303	-0,003	0,011	0,090	FALSE
-0,087	0,319	-0,002	0,007	0,096	FALSE
-0,004	0,300	0,000	0,011	0,011	FALSE
-0,009	0,307	0,000	0,011	0,003	FALSE
0,001	0,315	0,000	0,012	0,008	FALSE
0,068	0,298	0,002	0,010	0,070	FALSE
0,036	0,310	0,000	0,011	0,002	FALSE
0,054	0,291	0,002	0,012	0,060	FALSE
0,094	0,296	0,003	0,008	0,130	FALSE
-0,023	0,318	-0,001	0,006	0,035	FALSE
-0,002	0,319	0,000	0,013	0,013	FALSE

-0,040	0,292	-0,001	0,012	0,026	FALSE
0,057	0,308	0,001	0,008	0,056	FALSE
-0,110	0,293	-0,003	0,008	0,162	FALSE
0,035	0,304	0,001	0,008	0,025	FALSE
0,000	0,324	0,000	0,008	0,006	FALSE
-0,025	0,308	-0,001	0,009	0,037	FALSE
0,084	0,298	0,002	0,007	0,093	FALSE
-0,002	0,302	0,001	0,010	0,024	FALSE
-0,157	0,299	-0,003	0,008	0,183	FALSE
-0,008	0,309	0,000	0,012	0,001	FALSE
-0,180	0,304	-0,005	0,008	0,251	FALSE
0,014	0,294	0,001	0,007	0,049	FALSE
-0,036	0,312	-0,001	0,013	0,040	FALSE
-0,043	0,308	-0,002	0,013	0,065	FALSE
-0,090	0,300	-0,003	0,009	0,117	FALSE
-0,030	0,301	-0,001	0,013	0,022	FALSE
-0,092	0,292	-0,003	0,011	0,123	FALSE
0,002	0,313	0,000	0,007	0,016	FALSE
-0,084	0,302	-0,003	0,013	0,095	FALSE
0,078	0,306	0,002	0,008	0,085	FALSE
0,045	0,313	0,001	0,007	0,073	FALSE
0,149	0,301	0,003	0,007	0,182	FALSE
0,015	0,305	0,000	0,013	0,003	FALSE
-0,080	0,299	-0,003	0,011	0,090	FALSE
0,145	0,303	0,003	0,007	0,177	FALSE
0,027	0,327	0,001	0,010	0,052	FALSE
0,019	0,311	0,000	0,009	0,019	FALSE
-0,103	0,304	-0,003	0,008	0,172	FALSE
0,080	0,312	0,002	0,007	0,085	FALSE
-0,004	0,309	0,000	0,011	0,009	FALSE
-0,028	0,306	-0,001	0,013	0,018	FALSE
-0,021	0,299	0,000	0,010	0,006	FALSE
0,006	0,305	0,001	0,008	0,034	FALSE
-0,161	0,307	-0,005	0,011	0,198	FALSE
-0,009	0,319	-0,001	0,011	0,030	FALSE
0,018	0,311	0,001	0,008	0,040	FALSE
-0,055	0,302	-0,001	0,010	0,051	FALSE
0,114	0,303	0,004	0,009	0,157	FALSE
-0,042	0,321	-0,002	0,012	0,051	FALSE
0,004	0,299	0,000	0,009	0,006	FALSE
-0,058	0,308	-0,002	0,008	0,096	FALSE
0,041	0,322	0,002	0,013	0,052	FALSE
-0,095	0,297	-0,002	0,007	0,094	FALSE
-0,038	0,323	-0,001	0,010	0,053	FALSE
-0,051	0,316	-0,002	0,010	0,069	FALSE
-0,023	0,307	-0,001	0,009	0,042	FALSE
-0,083	0,304	-0,003	0,011	0,122	FALSE
0,009	0,294	-0,001	0,009	0,024	FALSE
0,105	0,316	0,003	0,010	0,133	FALSE
-0,038	0,287	-0,001	0,008	0,022	FALSE
0,115	0,315	0,005	0,013	0,156	FALSE
0,155	0,304	0,006	0,013	0,205	FALSE
0,006	0,303	0,000	0,008	0,003	FALSE

-0,076	0,306	-0,002	0,007	0,081	FALSE
0,092	0,302	0,003	0,008	0,150	FALSE
0,121	0,296	0,003	0,008	0,179	FALSE
-0,051	0,302	-0,002	0,010	0,078	FALSE
0,075	0,302	0,002	0,008	0,095	FALSE
0,038	0,309	0,001	0,007	0,048	FALSE
0,131	0,311	0,003	0,009	0,153	FALSE
-0,196	0,297	-0,005	0,009	0,266	FALSE
-0,050	0,304	-0,003	0,012	0,079	FALSE
-0,015	0,311	0,000	0,007	0,015	FALSE
-0,068	0,320	-0,002	0,008	0,078	FALSE
0,044	0,316	0,001	0,009	0,029	FALSE
-0,117	0,308	-0,003	0,008	0,127	FALSE
0,040	0,324	0,002	0,010	0,073	FALSE
-0,069	0,301	-0,002	0,008	0,087	FALSE
0,143	0,307	0,003	0,008	0,161	FALSE
0,147	0,308	0,004	0,008	0,189	FALSE
0,039	0,309	0,001	0,006	0,062	FALSE
0,091	0,311	0,003	0,012	0,100	FALSE
0,146	0,293	0,003	0,006	0,204	FALSE
-0,014	0,307	0,000	0,007	0,002	FALSE
-0,081	0,309	-0,003	0,012	0,111	FALSE
-0,054	0,301	-0,001	0,007	0,064	FALSE
-0,017	0,305	-0,001	0,011	0,038	FALSE
0,036	0,311	0,001	0,008	0,035	FALSE
-0,012	0,308	0,000	0,008	0,015	FALSE
0,120	0,316	0,003	0,009	0,143	FALSE
0,046	0,322	0,002	0,008	0,081	FALSE
-0,043	0,313	-0,002	0,010	0,091	FALSE
0,085	0,316	0,001	0,007	0,082	FALSE
0,026	0,312	0,000	0,007	0,018	FALSE
-0,173	0,302	-0,007	0,011	0,282	FALSE
0,057	0,308	0,002	0,009	0,074	FALSE
0,124	0,301	0,004	0,010	0,175	FALSE
-0,100	0,303	-0,002	0,006	0,096	FALSE
-0,031	0,320	-0,001	0,008	0,038	FALSE
0,058	0,305	0,002	0,013	0,061	FALSE
0,095	0,325	0,003	0,010	0,114	FALSE
-0,050	0,311	-0,002	0,013	0,068	FALSE
0,082	0,327	0,002	0,010	0,072	FALSE
0,022	0,316	0,001	0,011	0,022	FALSE
-0,050	0,309	-0,003	0,012	0,092	FALSE
-0,029	0,299	-0,001	0,009	0,033	FALSE
0,032	0,304	0,001	0,007	0,061	FALSE
-0,021	0,294	0,000	0,007	0,010	FALSE
0,037	0,302	0,001	0,008	0,061	FALSE
0,151	0,296	0,003	0,007	0,192	FALSE
0,008	0,293	0,000	0,012	0,003	FALSE
0,147	0,313	0,004	0,010	0,183	FALSE
0,086	0,303	0,002	0,008	0,097	FALSE
-0,056	0,321	-0,001	0,007	0,073	FALSE
0,194	0,304	0,006	0,010	0,288	FALSE
0,064	0,307	0,002	0,013	0,067	FALSE

0,074	0,306	0,003	0,010	0,111	FALSE
0,072	0,306	0,001	0,007	0,054	FALSE
-0,016	0,308	-0,001	0,013	0,016	FALSE
-0,051	0,311	-0,001	0,008	0,037	FALSE
0,077	0,321	0,002	0,009	0,102	FALSE
-0,122	0,295	-0,005	0,011	0,187	FALSE
-0,053	0,304	-0,002	0,011	0,062	FALSE
-0,135	0,292	-0,003	0,007	0,163	FALSE
0,030	0,319	0,001	0,013	0,034	FALSE
0,040	0,310	0,001	0,008	0,064	FALSE
-0,033	0,309	0,000	0,006	0,018	FALSE
0,095	0,311	0,002	0,007	0,121	FALSE
-0,093	0,307	-0,002	0,006	0,120	FALSE
0,049	0,306	0,001	0,007	0,058	FALSE
-0,104	0,299	-0,005	0,012	0,178	FALSE
0,101	0,301	0,004	0,011	0,125	FALSE
0,036	0,325	0,001	0,008	0,043	FALSE
0,046	0,308	0,003	0,013	0,087	FALSE
0,049	0,296	0,001	0,011	0,040	FALSE
0,005	0,313	0,000	0,007	0,005	FALSE
0,093	0,319	0,002	0,008	0,087	FALSE
-0,074	0,296	-0,003	0,010	0,106	FALSE
0,034	0,309	0,002	0,012	0,048	FALSE
-0,007	0,306	-0,001	0,011	0,021	FALSE
-0,001	0,306	0,000	0,010	0,006	FALSE
-0,071	0,299	-0,002	0,008	0,100	FALSE
-0,069	0,293	-0,002	0,009	0,108	FALSE
-0,014	0,318	0,000	0,007	0,001	FALSE
-0,073	0,319	-0,002	0,009	0,089	FALSE
-0,024	0,305	-0,001	0,012	0,026	FALSE
0,045	0,299	0,001	0,010	0,051	FALSE
0,001	0,315	0,000	0,010	0,016	FALSE
0,095	0,297	0,004	0,011	0,144	FALSE
-0,177	0,297	-0,006	0,012	0,229	FALSE
0,105	0,300	0,003	0,007	0,154	FALSE
0,122	0,293	0,003	0,008	0,173	FALSE
-0,008	0,285	0,000	0,012	0,012	FALSE
-0,074	0,307	-0,001	0,007	0,063	FALSE
0,005	0,310	0,000	0,006	0,004	FALSE
-0,065	0,304	-0,001	0,008	0,057	FALSE
-0,048	0,307	-0,002	0,011	0,054	FALSE
0,065	0,313	0,001	0,008	0,059	FALSE
0,053	0,313	0,002	0,012	0,065	FALSE
0,132	0,299	0,004	0,009	0,167	FALSE
0,015	0,305	0,000	0,011	0,016	FALSE
-0,170	0,308	-0,007	0,012	0,269	FALSE
0,052	0,305	0,002	0,009	0,087	FALSE
-0,070	0,304	-0,002	0,007	0,104	FALSE
0,095	0,312	0,003	0,007	0,153	FALSE
-0,005	0,303	0,000	0,006	0,001	FALSE
0,112	0,298	0,002	0,006	0,118	FALSE
0,055	0,311	0,002	0,010	0,063	FALSE
0,213	0,290	0,004	0,007	0,262	FALSE

-0,092	0,302	-0,003	0,009	0,113	FALSE
0,029	0,289	0,000	0,012	0,007	FALSE
-0,084	0,310	-0,002	0,013	0,068	FALSE
0,033	0,300	0,000	0,013	0,002	FALSE
-0,165	0,299	-0,004	0,006	0,248	FALSE
-0,142	0,311	-0,003	0,008	0,180	FALSE
-0,125	0,308	-0,005	0,011	0,174	FALSE
0,058	0,309	0,001	0,007	0,065	FALSE
0,128	0,302	0,003	0,007	0,146	FALSE
-0,168	0,312	-0,007	0,012	0,235	FALSE
0,003	0,313	0,001	0,009	0,032	FALSE
0,077	0,298	0,003	0,010	0,109	FALSE
-0,073	0,306	-0,003	0,013	0,082	FALSE
0,011	0,323	0,000	0,009	0,007	FALSE
0,017	0,309	0,000	0,009	0,011	FALSE
-0,022	0,323	0,000	0,011	0,012	FALSE
0,152	0,309	0,004	0,008	0,198	FALSE
-0,100	0,290	-0,004	0,012	0,145	FALSE
-0,113	0,300	-0,005	0,013	0,161	FALSE
-0,039	0,306	-0,001	0,012	0,037	FALSE
0,078	0,312	0,003	0,009	0,108	FALSE
0,077	0,313	0,002	0,006	0,105	FALSE
-0,021	0,322	-0,001	0,009	0,034	FALSE
0,117	0,299	0,005	0,013	0,160	FALSE
-0,022	0,310	-0,001	0,009	0,038	FALSE
0,097	0,307	0,003	0,012	0,110	FALSE
-0,063	0,329	-0,002	0,011	0,054	FALSE
0,027	0,323	0,001	0,013	0,033	FALSE
-0,015	0,319	0,000	0,008	0,004	FALSE
0,081	0,304	0,002	0,008	0,091	FALSE
0,039	0,297	0,002	0,012	0,073	FALSE
-0,077	0,309	-0,002	0,008	0,104	FALSE
-0,042	0,314	-0,001	0,007	0,063	FALSE
-0,019	0,311	-0,001	0,010	0,019	FALSE
-0,118	0,314	-0,004	0,011	0,165	FALSE
-0,029	0,306	-0,001	0,008	0,040	FALSE
0,072	0,308	0,002	0,008	0,071	FALSE
0,067	0,304	0,003	0,012	0,086	FALSE
0,040	0,309	0,002	0,013	0,042	FALSE
0,024	0,303	0,001	0,008	0,059	FALSE
-0,129	0,296	-0,004	0,013	0,139	FALSE
-0,068	0,310	-0,001	0,009	0,059	FALSE
-0,077	0,302	-0,002	0,008	0,096	FALSE
0,013	0,299	0,000	0,013	0,003	FALSE
-0,092	0,303	-0,003	0,009	0,163	FALSE
-0,034	0,306	0,000	0,006	0,015	FALSE
0,066	0,317	0,001	0,007	0,072	FALSE
-0,032	0,297	0,000	0,007	0,020	FALSE
-0,068	0,311	-0,003	0,012	0,104	FALSE
-0,052	0,325	-0,002	0,008	0,091	FALSE
-0,024	0,317	0,000	0,007	0,011	FALSE
-0,089	0,302	-0,004	0,009	0,167	FALSE
0,106	0,298	0,004	0,008	0,202	FALSE

-0,014	0,318	-0,001	0,013	0,039	FALSE
-0,030	0,304	-0,001	0,008	0,051	FALSE
-0,036	0,316	-0,002	0,013	0,042	FALSE
-0,117	0,310	-0,003	0,009	0,120	FALSE
-0,104	0,311	-0,002	0,007	0,085	FALSE
0,054	0,319	0,002	0,013	0,051	FALSE
-0,008	0,317	-0,001	0,008	0,037	FALSE
-0,113	0,308	-0,004	0,013	0,112	FALSE
0,012	0,312	0,001	0,013	0,029	FALSE
0,025	0,295	0,001	0,007	0,038	FALSE
0,069	0,311	0,003	0,011	0,109	FALSE
0,002	0,309	0,001	0,011	0,021	FALSE
0,110	0,301	0,004	0,010	0,168	FALSE
-0,172	0,307	-0,004	0,007	0,239	FALSE
0,061	0,308	0,003	0,010	0,110	FALSE
0,078	0,304	0,002	0,008	0,108	FALSE
0,115	0,300	0,003	0,009	0,147	FALSE
0,065	0,295	0,002	0,009	0,077	FALSE
-0,025	0,323	-0,002	0,013	0,042	FALSE
0,007	0,298	0,000	0,012	0,010	FALSE
-0,003	0,301	0,000	0,009	0,012	FALSE
-0,042	0,313	-0,001	0,009	0,036	FALSE
-0,035	0,318	-0,001	0,011	0,031	FALSE
0,113	0,308	0,003	0,009	0,145	FALSE
0,008	0,318	0,000	0,013	0,007	FALSE
-0,099	0,317	-0,002	0,007	0,106	FALSE
-0,059	0,324	-0,001	0,010	0,050	FALSE
0,001	0,315	-0,001	0,013	0,030	FALSE
0,053	0,298	0,003	0,012	0,082	FALSE
0,075	0,294	0,002	0,008	0,103	FALSE
0,044	0,311	0,002	0,009	0,070	FALSE
0,058	0,298	0,002	0,008	0,076	FALSE
0,033	0,306	0,001	0,007	0,046	FALSE
-0,064	0,321	-0,003	0,012	0,085	FALSE
0,011	0,316	0,000	0,007	0,018	FALSE
0,022	0,297	0,001	0,006	0,042	FALSE
-0,077	0,308	-0,004	0,010	0,146	FALSE
-0,096	0,302	-0,002	0,008	0,103	FALSE
0,031	0,312	0,000	0,009	0,017	FALSE
-0,099	0,311	-0,004	0,010	0,148	FALSE
-0,043	0,312	-0,001	0,008	0,034	FALSE
-0,136	0,327	-0,004	0,010	0,174	FALSE
0,211	0,320	0,005	0,007	0,329	FALSE
-0,065	0,301	-0,003	0,013	0,081	FALSE
-0,060	0,314	-0,002	0,008	0,090	FALSE
-0,112	0,318	-0,003	0,007	0,148	FALSE
-0,090	0,303	-0,002	0,007	0,106	FALSE
-0,074	0,305	-0,002	0,008	0,101	FALSE
0,056	0,311	0,001	0,009	0,060	FALSE
0,048	0,295	0,001	0,006	0,072	FALSE
0,178	0,309	0,005	0,009	0,215	FALSE
-0,128	0,296	-0,004	0,010	0,169	FALSE
-0,023	0,312	-0,002	0,012	0,054	FALSE

0,011	0,315	0,000	0,008	0,021	FALSE
0,007	0,304	0,000	0,012	0,005	FALSE
0,095	0,311	0,003	0,011	0,106	FALSE
0,058	0,322	0,002	0,012	0,068	FALSE
-0,005	0,305	0,000	0,008	0,005	FALSE
0,103	0,310	0,003	0,007	0,159	FALSE
0,029	0,307	0,001	0,007	0,067	FALSE
-0,023	0,303	0,000	0,007	0,024	FALSE
-0,020	0,306	-0,001	0,006	0,047	FALSE
0,011	0,306	0,000	0,011	0,003	FALSE
0,033	0,292	0,002	0,013	0,073	FALSE
0,007	0,310	0,000	0,007	0,002	FALSE
-0,073	0,313	-0,002	0,010	0,078	FALSE
0,047	0,301	0,001	0,008	0,069	FALSE
-0,073	0,298	-0,001	0,006	0,071	FALSE
-0,067	0,319	-0,002	0,012	0,069	FALSE
0,077	0,318	0,002	0,007	0,084	FALSE
-0,037	0,306	0,000	0,008	0,022	FALSE
-0,077	0,307	-0,003	0,010	0,101	FALSE
0,082	0,293	0,001	0,007	0,071	FALSE
0,117	0,307	0,005	0,013	0,143	FALSE
-0,086	0,297	-0,003	0,013	0,097	FALSE
-0,084	0,301	-0,003	0,010	0,098	FALSE
0,124	0,313	0,004	0,010	0,172	FALSE
-0,026	0,310	-0,001	0,008	0,034	FALSE
0,084	0,305	0,002	0,009	0,089	FALSE
0,137	0,299	0,004	0,009	0,184	FALSE
-0,145	0,317	-0,004	0,007	0,216	FALSE
0,101	0,295	0,005	0,012	0,173	FALSE
0,005	0,312	0,000	0,008	0,014	FALSE
-0,001	0,307	-0,001	0,010	0,035	FALSE
-0,010	0,298	-0,001	0,007	0,033	FALSE
0,011	0,324	0,000	0,011	0,015	FALSE
0,027	0,306	0,000	0,008	0,019	FALSE
0,136	0,314	0,004	0,008	0,181	FALSE
-0,004	0,311	0,000	0,006	0,000	FALSE
0,098	0,307	0,003	0,010	0,127	FALSE
0,022	0,311	0,000	0,012	0,004	FALSE
0,047	0,297	0,002	0,012	0,046	FALSE
0,009	0,308	0,000	0,013	0,007	FALSE
-0,114	0,311	-0,002	0,008	0,119	FALSE
0,107	0,316	0,003	0,008	0,160	FALSE
0,010	0,305	0,000	0,013	0,005	FALSE
-0,015	0,311	0,000	0,007	0,009	FALSE
0,004	0,308	0,000	0,013	0,003	FALSE
0,001	0,311	0,000	0,006	0,003	FALSE
-0,140	0,300	-0,003	0,008	0,189	FALSE
0,062	0,320	0,001	0,008	0,064	FALSE
-0,064	0,295	-0,002	0,008	0,077	FALSE
0,037	0,298	0,001	0,007	0,061	FALSE
0,068	0,305	0,002	0,007	0,094	FALSE
0,057	0,306	0,002	0,008	0,084	FALSE
-0,057	0,318	-0,002	0,012	0,076	FALSE

0,032	0,305	0,001	0,006	0,042	FALSE
0,042	0,313	0,002	0,012	0,047	FALSE
-0,053	0,314	-0,003	0,013	0,104	FALSE
-0,110	0,301	-0,003	0,008	0,127	FALSE
-0,080	0,309	-0,003	0,010	0,122	FALSE
-0,084	0,309	-0,003	0,010	0,118	FALSE
-0,026	0,323	-0,001	0,007	0,050	FALSE
0,000	0,315	0,001	0,012	0,022	FALSE
0,000	0,314	0,000	0,010	0,017	FALSE
0,094	0,313	0,002	0,009	0,081	FALSE
0,086	0,302	0,003	0,011	0,097	FALSE
0,068	0,308	0,002	0,007	0,104	FALSE
-0,009	0,316	0,000	0,008	0,013	FALSE
0,161	0,299	0,007	0,013	0,256	FALSE
-0,074	0,300	-0,003	0,011	0,107	FALSE
-0,071	0,311	-0,002	0,007	0,084	FALSE
-0,091	0,309	-0,005	0,011	0,174	FALSE
0,091	0,300	0,003	0,013	0,092	FALSE
0,004	0,296	0,001	0,009	0,029	FALSE
-0,115	0,318	-0,003	0,008	0,174	FALSE
-0,021	0,313	-0,001	0,011	0,042	FALSE
0,082	0,299	0,002	0,009	0,103	FALSE
0,245	0,299	0,007	0,009	0,381	FALSE
-0,081	0,319	-0,003	0,009	0,108	FALSE
-0,016	0,314	-0,001	0,010	0,021	FALSE
-0,017	0,321	0,000	0,008	0,018	FALSE
-0,066	0,313	-0,002	0,011	0,065	FALSE
-0,062	0,303	-0,002	0,010	0,064	FALSE
0,101	0,303	0,003	0,008	0,146	FALSE
0,025	0,292	0,001	0,007	0,034	FALSE
0,079	0,306	0,004	0,011	0,142	FALSE
-0,051	0,305	-0,003	0,013	0,086	FALSE
0,042	0,304	0,002	0,012	0,056	FALSE
-0,068	0,307	-0,003	0,011	0,105	FALSE
-0,012	0,310	-0,001	0,010	0,027	FALSE
-0,032	0,299	-0,002	0,010	0,056	FALSE
-0,088	0,317	-0,003	0,007	0,141	FALSE
-0,018	0,311	-0,001	0,010	0,039	FALSE
-0,053	0,310	-0,001	0,006	0,060	FALSE
-0,045	0,317	-0,001	0,007	0,046	FALSE
-0,025	0,315	-0,001	0,010	0,022	FALSE
-0,025	0,304	-0,001	0,008	0,035	FALSE
-0,048	0,310	-0,001	0,007	0,065	FALSE
0,124	0,300	0,004	0,013	0,131	FALSE
-0,039	0,311	-0,001	0,007	0,072	FALSE
0,006	0,305	0,000	0,009	0,012	FALSE
0,002	0,301	0,000	0,012	0,002	FALSE
-0,017	0,313	-0,001	0,011	0,025	FALSE
-0,012	0,294	0,000	0,006	0,002	FALSE
0,096	0,309	0,003	0,011	0,113	FALSE
-0,013	0,303	-0,001	0,008	0,025	FALSE
0,094	0,296	0,002	0,007	0,117	TRUE
-0,029	0,305	-0,001	0,006	0,034	FALSE

0,013	0,309	0,000	0,008	0,001	FALSE
0,042	0,317	0,001	0,010	0,054	FALSE
0,054	0,302	0,003	0,010	0,104	FALSE
-0,021	0,315	-0,002	0,013	0,058	FALSE
-0,115	0,301	-0,003	0,011	0,113	FALSE
0,052	0,312	0,001	0,011	0,036	FALSE
-0,043	0,312	-0,001	0,009	0,053	FALSE
-0,094	0,299	-0,002	0,007	0,129	FALSE
-0,075	0,317	-0,004	0,012	0,116	FALSE
0,000	0,303	-0,001	0,011	0,031	FALSE
-0,143	0,296	-0,004	0,012	0,132	FALSE
-0,003	0,303	0,000	0,007	0,019	FALSE
-0,049	0,307	-0,002	0,012	0,055	FALSE
-0,043	0,293	-0,001	0,008	0,060	FALSE
-0,035	0,309	-0,001	0,009	0,049	FALSE
-0,048	0,314	-0,002	0,008	0,073	FALSE
-0,012	0,311	0,000	0,006	0,016	FALSE
-0,140	0,292	-0,005	0,010	0,209	FALSE
-0,075	0,310	-0,003	0,012	0,095	FALSE
-0,069	0,305	-0,002	0,010	0,073	FALSE
0,154	0,318	0,006	0,013	0,196	FALSE
-0,001	0,316	0,000	0,008	0,022	FALSE
-0,017	0,285	-0,001	0,012	0,021	FALSE
-0,044	0,299	-0,002	0,010	0,069	FALSE
0,054	0,310	0,002	0,007	0,103	FALSE
-0,090	0,310	-0,002	0,009	0,095	FALSE
-0,018	0,298	-0,001	0,006	0,030	FALSE
-0,091	0,314	-0,004	0,011	0,129	FALSE
0,008	0,315	0,001	0,008	0,024	FALSE
0,021	0,308	0,001	0,008	0,033	FALSE
-0,016	0,309	0,000	0,008	0,014	FALSE
-0,092	0,303	-0,003	0,011	0,096	FALSE
0,033	0,295	0,001	0,011	0,022	FALSE
0,046	0,309	0,001	0,007	0,068	FALSE
0,006	0,296	0,000	0,007	0,000	FALSE
0,047	0,294	0,001	0,008	0,031	FALSE
0,080	0,305	0,002	0,007	0,091	FALSE
0,054	0,323	0,002	0,013	0,059	FALSE
0,048	0,314	0,001	0,009	0,045	FALSE
-0,066	0,304	-0,002	0,007	0,083	FALSE
-0,112	0,292	-0,002	0,008	0,129	FALSE
0,049	0,313	0,001	0,013	0,037	FALSE
-0,067	0,314	-0,002	0,007	0,103	FALSE
-0,042	0,297	-0,001	0,012	0,043	FALSE
0,054	0,331	0,001	0,009	0,045	FALSE
-0,085	0,298	-0,004	0,010	0,167	FALSE
-0,004	0,295	0,000	0,009	0,014	FALSE
-0,013	0,312	0,000	0,009	0,000	FALSE
0,013	0,304	0,000	0,009	0,008	FALSE
-0,003	0,316	0,000	0,011	0,016	FALSE
-0,123	0,303	-0,005	0,012	0,181	FALSE
-0,014	0,302	-0,001	0,007	0,049	FALSE
0,100	0,299	0,002	0,008	0,116	FALSE

-0,041	0,300	-0,003	0,013	0,085	FALSE
-0,039	0,305	-0,001	0,008	0,069	FALSE
0,008	0,316	0,000	0,013	0,005	FALSE
0,015	0,316	0,000	0,008	0,019	FALSE
-0,065	0,305	-0,002	0,008	0,094	FALSE
-0,044	0,311	-0,001	0,010	0,053	FALSE
-0,073	0,315	-0,001	0,007	0,074	FALSE
0,058	0,306	0,001	0,010	0,041	FALSE
-0,041	0,305	-0,002	0,008	0,075	FALSE
0,065	0,312	0,002	0,010	0,085	FALSE
0,026	0,314	0,001	0,008	0,041	FALSE
-0,003	0,306	0,000	0,011	0,009	FALSE
0,004	0,313	0,001	0,011	0,018	FALSE
-0,157	0,302	-0,005	0,010	0,204	FALSE
-0,078	0,283	-0,003	0,007	0,144	FALSE
0,101	0,316	0,003	0,009	0,123	FALSE
0,061	0,320	0,002	0,011	0,066	FALSE
-0,067	0,285	-0,002	0,009	0,081	FALSE
-0,040	0,314	0,000	0,008	0,016	FALSE
0,042	0,314	0,001	0,008	0,066	FALSE
0,067	0,304	0,002	0,007	0,090	FALSE
0,004	0,314	0,000	0,010	0,015	FALSE
-0,040	0,302	-0,001	0,006	0,054	FALSE
0,078	0,302	0,002	0,007	0,104	FALSE
-0,007	0,312	0,000	0,013	0,001	FALSE
-0,070	0,290	-0,002	0,010	0,083	FALSE
-0,067	0,297	-0,001	0,007	0,072	FALSE
0,114	0,297	0,004	0,011	0,155	FALSE
0,105	0,310	0,002	0,007	0,115	FALSE
0,121	0,287	0,002	0,007	0,125	FALSE
0,074	0,310	0,003	0,013	0,095	FALSE
-0,026	0,308	0,000	0,010	0,003	FALSE
-0,082	0,295	-0,003	0,012	0,089	FALSE
-0,137	0,300	-0,005	0,010	0,195	FALSE
0,030	0,300	0,001	0,008	0,032	FALSE
0,072	0,297	0,004	0,011	0,152	FALSE
0,042	0,307	0,002	0,011	0,077	FALSE
0,091	0,297	0,003	0,007	0,169	FALSE
-0,045	0,303	-0,002	0,009	0,059	FALSE
0,049	0,300	0,001	0,008	0,050	FALSE
0,054	0,295	0,001	0,007	0,051	FALSE
0,003	0,312	0,000	0,010	0,007	FALSE
0,004	0,299	0,000	0,011	0,011	FALSE
-0,087	0,306	-0,002	0,008	0,093	FALSE
-0,093	0,315	-0,002	0,009	0,100	FALSE
0,027	0,313	0,001	0,011	0,045	FALSE
-0,144	0,314	-0,003	0,007	0,186	FALSE
0,015	0,303	0,000	0,006	0,017	FALSE
-0,035	0,308	-0,002	0,013	0,048	FALSE
-0,003	0,308	-0,001	0,011	0,021	FALSE
-0,045	0,299	-0,003	0,011	0,089	FALSE
-0,172	0,311	-0,006	0,010	0,248	FALSE
-0,051	0,313	-0,003	0,010	0,097	FALSE

0,060	0,301	0,001	0,010	0,032	FALSE
0,052	0,299	0,002	0,007	0,111	FALSE
0,002	0,285	0,001	0,012	0,023	FALSE
0,051	0,301	0,003	0,013	0,074	FALSE
0,066	0,297	0,002	0,009	0,075	FALSE
-0,035	0,309	0,000	0,008	0,006	FALSE
-0,007	0,314	-0,001	0,008	0,027	FALSE
0,141	0,307	0,004	0,008	0,202	FALSE
-0,028	0,312	0,000	0,009	0,007	FALSE
-0,009	0,304	0,000	0,006	0,002	FALSE
0,009	0,320	0,000	0,007	0,008	FALSE
-0,057	0,301	-0,003	0,010	0,128	FALSE
-0,041	0,304	-0,003	0,010	0,099	FALSE
-0,090	0,300	-0,002	0,008	0,111	FALSE
0,132	0,298	0,005	0,012	0,164	FALSE
-0,143	0,313	-0,004	0,009	0,190	FALSE
-0,088	0,295	-0,003	0,010	0,108	FALSE
0,070	0,306	0,002	0,007	0,101	FALSE
-0,056	0,303	-0,002	0,007	0,096	FALSE
-0,009	0,310	0,000	0,008	0,015	FALSE
-0,002	0,331	0,000	0,008	0,009	FALSE
-0,023	0,310	0,000	0,011	0,002	FALSE
0,124	0,296	0,003	0,007	0,178	FALSE
-0,059	0,304	-0,001	0,007	0,071	FALSE
-0,106	0,307	-0,004	0,012	0,110	FALSE
-0,111	0,307	-0,004	0,012	0,136	FALSE
-0,090	0,318	-0,003	0,011	0,102	FALSE
0,049	0,303	0,002	0,009	0,093	FALSE
0,141	0,283	0,004	0,008	0,190	FALSE
-0,159	0,308	-0,006	0,010	0,233	FALSE
-0,031	0,309	0,000	0,011	0,015	FALSE
0,028	0,323	0,001	0,009	0,056	FALSE
-0,038	0,315	-0,001	0,008	0,034	FALSE
-0,026	0,305	-0,001	0,008	0,027	FALSE
-0,063	0,328	-0,002	0,008	0,094	FALSE
0,043	0,310	0,001	0,008	0,031	FALSE
0,046	0,302	0,001	0,008	0,047	FALSE
-0,017	0,321	0,000	0,007	0,021	FALSE
-0,031	0,312	-0,001	0,007	0,039	FALSE
0,039	0,297	0,001	0,008	0,066	FALSE
0,028	0,311	0,001	0,006	0,028	FALSE
-0,071	0,300	-0,003	0,011	0,108	FALSE
0,049	0,297	0,003	0,011	0,098	FALSE
-0,036	0,297	-0,002	0,009	0,067	FALSE
-0,019	0,296	-0,001	0,010	0,035	FALSE
0,075	0,302	0,002	0,008	0,090	FALSE
-0,053	0,303	-0,001	0,008	0,064	FALSE
-0,001	0,296	0,000	0,009	0,007	FALSE
-0,084	0,301	-0,003	0,010	0,109	FALSE
0,068	0,317	0,002	0,013	0,064	FALSE
-0,052	0,304	-0,001	0,008	0,066	FALSE
0,124	0,296	0,004	0,009	0,167	FALSE
-0,090	0,298	-0,004	0,010	0,143	FALSE

0,094	0,307	0,004	0,013	0,119	FALSE
0,071	0,313	0,002	0,006	0,103	FALSE
0,138	0,296	0,005	0,010	0,196	FALSE
0,029	0,290	-0,001	0,011	0,018	FALSE
0,077	0,300	0,002	0,012	0,047	FALSE
-0,035	0,312	-0,001	0,008	0,070	FALSE
0,070	0,310	0,002	0,006	0,129	FALSE
0,068	0,321	0,002	0,007	0,092	FALSE
0,013	0,309	0,000	0,011	0,005	FALSE
-0,062	0,318	-0,001	0,008	0,059	FALSE
0,118	0,294	0,003	0,008	0,191	FALSE
0,030	0,298	0,000	0,007	0,016	FALSE
-0,082	0,290	-0,002	0,008	0,115	FALSE
0,032	0,303	0,002	0,012	0,049	FALSE
-0,099	0,309	-0,002	0,008	0,122	FALSE
0,019	0,309	0,000	0,008	0,005	FALSE
-0,014	0,320	0,001	0,006	0,030	FALSE
0,007	0,307	0,001	0,012	0,023	FALSE
-0,096	0,305	-0,003	0,009	0,115	FALSE
-0,094	0,313	-0,003	0,010	0,128	FALSE
0,172	0,296	0,007	0,011	0,247	FALSE
0,093	0,302	0,003	0,008	0,162	FALSE
0,117	0,297	0,003	0,006	0,178	FALSE
-0,094	0,295	-0,004	0,012	0,129	FALSE
0,060	0,298	0,002	0,009	0,089	FALSE
-0,120	0,302	-0,005	0,013	0,160	FALSE
-0,104	0,313	-0,004	0,013	0,127	FALSE
0,011	0,319	0,001	0,013	0,015	FALSE
0,010	0,310	0,001	0,007	0,047	FALSE
-0,040	0,307	-0,001	0,011	0,025	FALSE
0,011	0,296	0,001	0,008	0,040	FALSE
-0,047	0,303	-0,001	0,007	0,057	FALSE
0,018	0,313	0,001	0,013	0,026	FALSE
-0,004	0,308	0,000	0,008	0,014	FALSE
-0,005	0,313	0,000	0,008	0,019	FALSE
-0,026	0,318	-0,001	0,012	0,040	FALSE
-0,021	0,312	-0,002	0,012	0,050	FALSE
-0,030	0,296	-0,001	0,008	0,031	FALSE
0,014	0,306	0,000	0,008	0,019	FALSE
0,032	0,310	0,001	0,008	0,042	FALSE
-0,122	0,306	-0,005	0,012	0,170	FALSE
0,177	0,305	0,004	0,007	0,258	FALSE
0,010	0,307	0,001	0,008	0,029	FALSE
-0,053	0,299	-0,002	0,008	0,079	FALSE
-0,049	0,302	-0,002	0,007	0,077	FALSE
-0,001	0,314	0,000	0,007	0,010	FALSE
-0,032	0,304	-0,001	0,012	0,032	FALSE
-0,120	0,302	-0,003	0,008	0,175	FALSE
0,011	0,314	0,000	0,009	0,014	FALSE
-0,135	0,287	-0,002	0,006	0,167	FALSE
0,018	0,313	0,000	0,009	0,000	FALSE
0,050	0,323	0,002	0,011	0,061	FALSE
0,075	0,303	0,002	0,007	0,090	FALSE

0,062	0,306	0,002	0,012	0,066	FALSE
0,046	0,303	0,001	0,008	0,036	FALSE
-0,006	0,326	0,000	0,007	0,007	FALSE
0,087	0,311	0,002	0,010	0,079	FALSE
-0,022	0,313	-0,001	0,008	0,034	FALSE
-0,018	0,313	-0,001	0,011	0,045	FALSE
0,008	0,304	0,001	0,009	0,027	FALSE
0,116	0,295	0,003	0,009	0,120	FALSE
0,055	0,306	0,002	0,012	0,047	FALSE
-0,156	0,309	-0,003	0,008	0,192	FALSE
0,056	0,306	0,001	0,006	0,081	FALSE
0,069	0,307	0,002	0,007	0,129	FALSE
-0,037	0,304	-0,002	0,010	0,065	FALSE
0,059	0,316	0,002	0,009	0,068	FALSE
0,018	0,309	0,001	0,007	0,058	FALSE
-0,012	0,324	0,000	0,007	0,003	FALSE
-0,003	0,326	0,000	0,008	0,015	FALSE
0,034	0,322	0,001	0,009	0,027	FALSE
0,004	0,293	-0,001	0,012	0,022	FALSE
0,062	0,307	0,001	0,009	0,060	FALSE
0,048	0,314	0,002	0,011	0,052	FALSE
0,014	0,304	0,001	0,009	0,038	FALSE
-0,045	0,313	-0,001	0,011	0,046	FALSE
-0,101	0,309	-0,002	0,007	0,135	FALSE
-0,141	0,307	-0,003	0,007	0,192	FALSE
-0,111	0,302	-0,003	0,008	0,153	FALSE
-0,144	0,309	-0,005	0,012	0,175	FALSE
-0,089	0,305	-0,003	0,009	0,138	FALSE
-0,012	0,293	-0,001	0,012	0,027	FALSE
0,045	0,296	0,002	0,011	0,072	FALSE
-0,181	0,297	-0,008	0,012	0,295	FALSE
0,013	0,304	0,001	0,008	0,028	FALSE
0,004	0,300	0,000	0,009	0,007	FALSE
0,086	0,292	0,002	0,008	0,111	FALSE
-0,065	0,295	-0,002	0,011	0,059	FALSE
-0,074	0,308	-0,002	0,012	0,067	FALSE
-0,053	0,300	-0,001	0,008	0,049	FALSE
-0,052	0,309	-0,001	0,007	0,047	FALSE
-0,071	0,321	-0,001	0,007	0,067	FALSE
-0,166	0,311	-0,005	0,010	0,217	FALSE
0,187	0,302	0,006	0,009	0,278	FALSE
-0,029	0,315	0,000	0,007	0,025	FALSE
-0,005	0,308	0,000	0,007	0,003	FALSE
-0,204	0,302	-0,007	0,010	0,309	FALSE
0,178	0,296	0,006	0,012	0,220	FALSE
0,075	0,315	0,003	0,012	0,101	FALSE
-0,014	0,299	0,000	0,012	0,006	FALSE
-0,009	0,320	0,000	0,012	0,006	FALSE
-0,027	0,305	-0,001	0,009	0,039	FALSE
-0,087	0,315	-0,002	0,013	0,073	FALSE
-0,088	0,315	-0,004	0,012	0,136	FALSE
-0,006	0,313	0,001	0,012	0,025	FALSE
0,042	0,307	0,001	0,006	0,084	FALSE

0,114	0,295	0,003	0,010	0,109	FALSE
-0,024	0,305	0,000	0,009	0,015	FALSE
-0,146	0,297	-0,006	0,012	0,194	FALSE
0,087	0,311	0,002	0,008	0,099	FALSE
-0,156	0,300	-0,006	0,012	0,224	FALSE
0,028	0,319	0,001	0,007	0,059	FALSE
-0,017	0,303	0,000	0,007	0,009	FALSE
-0,103	0,316	-0,003	0,011	0,113	FALSE
-0,019	0,319	-0,001	0,011	0,038	FALSE
0,063	0,304	0,001	0,006	0,071	FALSE
-0,053	0,284	-0,001	0,006	0,073	FALSE
-0,104	0,299	-0,002	0,006	0,138	FALSE
-0,166	0,306	-0,005	0,009	0,248	FALSE
0,012	0,300	0,000	0,010	0,001	FALSE
-0,089	0,317	-0,004	0,011	0,137	FALSE
0,125	0,292	0,003	0,007	0,178	FALSE
0,100	0,317	0,003	0,009	0,112	FALSE
-0,141	0,305	-0,005	0,010	0,234	FALSE
-0,027	0,313	-0,001	0,011	0,046	FALSE
0,037	0,320	0,001	0,009	0,046	FALSE
0,013	0,302	0,001	0,011	0,036	FALSE
0,084	0,288	0,003	0,009	0,113	FALSE
-0,083	0,306	-0,003	0,011	0,110	FALSE
0,013	0,306	0,001	0,013	0,027	FALSE
-0,026	0,302	-0,001	0,012	0,037	FALSE
-0,093	0,300	-0,004	0,012	0,126	FALSE
-0,053	0,310	-0,003	0,013	0,081	FALSE
0,017	0,309	0,001	0,012	0,037	FALSE
-0,103	0,311	-0,003	0,007	0,146	FALSE
-0,087	0,296	-0,002	0,007	0,131	FALSE
-0,061	0,306	-0,003	0,011	0,089	FALSE
0,020	0,301	0,000	0,009	0,010	FALSE
0,013	0,309	0,000	0,009	0,011	FALSE
-0,016	0,305	0,000	0,013	0,008	FALSE
-0,053	0,312	-0,001	0,013	0,038	FALSE
-0,036	0,302	-0,001	0,007	0,034	FALSE
-0,019	0,319	-0,001	0,014	0,040	FALSE
-0,030	0,295	-0,001	0,007	0,028	FALSE
-0,027	0,303	-0,001	0,010	0,037	FALSE
-0,058	0,296	-0,002	0,010	0,073	FALSE
0,020	0,311	0,002	0,013	0,045	FALSE
0,081	0,306	0,002	0,008	0,101	FALSE
0,040	0,319	0,001	0,007	0,045	FALSE
0,027	0,302	0,002	0,010	0,055	FALSE
-0,131	0,314	-0,003	0,007	0,160	FALSE
0,084	0,311	0,002	0,007	0,093	FALSE
-0,051	0,297	-0,001	0,012	0,043	FALSE
-0,075	0,314	-0,002	0,008	0,094	FALSE
0,102	0,311	0,004	0,013	0,127	FALSE
0,019	0,305	0,001	0,011	0,017	FALSE
-0,201	0,296	-0,005	0,007	0,301	FALSE
0,058	0,293	0,002	0,010	0,071	FALSE
-0,004	0,309	0,000	0,013	0,012	FALSE

0,015	0,309	0,000	0,013	0,011	FALSE
0,024	0,325	0,001	0,012	0,016	FALSE
-0,034	0,321	0,000	0,009	0,016	FALSE
0,080	0,294	0,003	0,009	0,143	FALSE
-0,042	0,307	-0,002	0,009	0,068	FALSE
-0,039	0,311	-0,001	0,008	0,064	FALSE
0,084	0,320	0,004	0,013	0,121	FALSE
0,053	0,317	0,001	0,009	0,046	FALSE
-0,005	0,293	0,001	0,008	0,032	FALSE
-0,012	0,310	0,000	0,007	0,025	FALSE
0,015	0,311	0,001	0,013	0,024	FALSE
-0,093	0,311	-0,002	0,007	0,122	FALSE
-0,053	0,319	-0,001	0,007	0,076	FALSE
-0,042	0,295	-0,002	0,011	0,066	FALSE
-0,101	0,314	-0,003	0,011	0,123	FALSE
-0,037	0,315	-0,002	0,012	0,057	FALSE
0,021	0,302	0,000	0,010	0,003	FALSE
0,063	0,316	0,002	0,012	0,058	FALSE
-0,039	0,324	-0,001	0,012	0,035	FALSE
0,105	0,298	0,003	0,011	0,112	FALSE
0,012	0,308	0,001	0,010	0,027	FALSE
0,004	0,309	0,000	0,007	0,015	FALSE
0,044	0,309	0,000	0,010	0,011	FALSE
-0,157	0,308	-0,006	0,012	0,212	FALSE
-0,050	0,313	-0,001	0,007	0,069	FALSE
0,036	0,308	0,001	0,010	0,043	FALSE
0,010	0,312	0,000	0,011	0,013	FALSE
0,019	0,313	0,001	0,011	0,025	FALSE
-0,127	0,303	-0,004	0,008	0,184	FALSE
-0,116	0,295	-0,004	0,012	0,122	FALSE
-0,074	0,316	-0,002	0,011	0,081	FALSE
0,068	0,309	0,002	0,008	0,106	FALSE
-0,117	0,309	-0,004	0,011	0,149	FALSE
-0,039	0,309	-0,002	0,009	0,066	FALSE
0,110	0,294	0,005	0,012	0,161	FALSE
-0,040	0,309	-0,001	0,009	0,058	FALSE
0,102	0,324	0,003	0,008	0,120	FALSE
0,037	0,302	0,001	0,010	0,051	FALSE
0,016	0,307	0,000	0,010	0,012	FALSE
0,065	0,318	0,003	0,010	0,097	FALSE
0,095	0,301	0,002	0,006	0,098	FALSE
0,067	0,308	0,002	0,007	0,100	FALSE
-0,029	0,312	-0,001	0,012	0,037	FALSE
-0,063	0,315	-0,003	0,011	0,090	FALSE
0,180	0,299	0,005	0,008	0,286	FALSE
-0,007	0,295	0,000	0,011	0,012	FALSE
-0,028	0,286	0,000	0,007	0,017	FALSE
0,031	0,314	0,001	0,007	0,040	FALSE
0,056	0,310	0,002	0,008	0,070	FALSE
-0,025	0,320	-0,001	0,009	0,028	FALSE
0,147	0,311	0,005	0,010	0,197	FALSE
-0,026	0,300	-0,001	0,011	0,026	FALSE
-0,012	0,305	0,000	0,008	0,011	FALSE

-0,030	0,316	-0,001	0,011	0,033	FALSE
-0,083	0,303	-0,004	0,013	0,126	FALSE
-0,106	0,307	-0,003	0,012	0,103	FALSE
-0,104	0,301	-0,004	0,013	0,129	FALSE
0,086	0,308	0,003	0,011	0,103	FALSE
0,098	0,305	0,004	0,013	0,107	FALSE
-0,063	0,297	-0,002	0,006	0,109	FALSE
-0,094	0,312	-0,004	0,012	0,140	FALSE
0,025	0,307	0,000	0,007	0,003	FALSE
-0,068	0,316	-0,001	0,006	0,056	FALSE
0,044	0,301	0,001	0,008	0,046	FALSE
-0,108	0,298	-0,003	0,007	0,156	FALSE
0,066	0,314	0,002	0,011	0,069	FALSE
-0,025	0,305	-0,002	0,010	0,070	FALSE
-0,008	0,301	0,000	0,010	0,011	FALSE
0,075	0,302	0,002	0,007	0,119	FALSE
-0,001	0,309	0,000	0,007	0,015	FALSE
0,052	0,309	0,002	0,011	0,073	FALSE
-0,002	0,312	0,000	0,009	0,006	FALSE
0,002	0,312	0,000	0,007	0,011	FALSE
0,103	0,313	0,003	0,012	0,113	FALSE
-0,140	0,295	-0,005	0,012	0,193	FALSE
0,056	0,293	0,001	0,007	0,062	FALSE
-0,069	0,317	-0,003	0,013	0,085	FALSE
0,001	0,295	0,000	0,011	0,004	FALSE
0,022	0,312	0,000	0,009	0,011	FALSE
-0,115	0,306	-0,003	0,009	0,145	FALSE
-0,200	0,311	-0,007	0,011	0,294	FALSE
-0,187	0,314	-0,007	0,011	0,249	FALSE
-0,156	0,321	-0,006	0,011	0,213	FALSE
-0,176	0,297	-0,006	0,011	0,246	FALSE
-0,176	0,308	-0,006	0,011	0,233	FALSE
-0,192	0,308	-0,007	0,011	0,300	FALSE
-0,017	0,310	-0,001	0,011	0,027	FALSE
-0,032	0,305	-0,001	0,010	0,039	FALSE
0,051	0,298	0,001	0,008	0,058	FALSE
-0,058	0,307	-0,003	0,011	0,114	FALSE
0,109	0,312	0,003	0,008	0,178	FALSE
-0,027	0,318	0,000	0,008	0,019	FALSE
0,079	0,318	0,002	0,013	0,070	FALSE
-0,011	0,314	0,000	0,006	0,006	FALSE
0,038	0,301	0,001	0,008	0,068	FALSE
0,021	0,301	0,000	0,010	0,015	FALSE
0,068	0,315	0,002	0,008	0,094	FALSE
-0,018	0,302	-0,001	0,009	0,033	FALSE
0,058	0,306	0,002	0,009	0,103	FALSE
-0,037	0,319	-0,001	0,007	0,045	FALSE
0,138	0,297	0,004	0,008	0,170	FALSE
-0,001	0,314	0,001	0,011	0,043	FALSE
-0,075	0,306	-0,003	0,013	0,102	FALSE
0,001	0,313	0,001	0,010	0,049	FALSE
-0,105	0,305	-0,002	0,008	0,114	FALSE
-0,068	0,290	-0,003	0,013	0,080	FALSE

0,112	0,288	0,002	0,006	0,133	FALSE
-0,028	0,320	-0,001	0,013	0,041	FALSE
-0,119	0,305	-0,003	0,007	0,158	FALSE
0,026	0,307	0,000	0,013	0,011	FALSE
-0,074	0,308	-0,002	0,010	0,075	FALSE
-0,049	0,290	-0,002	0,009	0,085	FALSE
-0,109	0,290	-0,004	0,008	0,187	FALSE
-0,107	0,296	-0,002	0,007	0,140	FALSE
-0,060	0,316	-0,003	0,012	0,078	FALSE
-0,012	0,300	0,000	0,010	0,006	FALSE
-0,115	0,314	-0,005	0,012	0,153	FALSE
-0,031	0,321	-0,002	0,013	0,049	FALSE
-0,049	0,317	-0,001	0,008	0,054	FALSE
0,064	0,320	0,003	0,014	0,090	FALSE
0,029	0,303	0,001	0,006	0,035	FALSE
0,058	0,305	0,003	0,011	0,096	FALSE
-0,063	0,300	-0,004	0,011	0,121	FALSE
-0,032	0,303	-0,001	0,007	0,027	FALSE
0,023	0,308	0,002	0,011	0,055	FALSE
0,059	0,308	0,003	0,010	0,110	FALSE
0,019	0,310	0,002	0,010	0,059	FALSE
-0,063	0,317	-0,001	0,007	0,054	FALSE
0,130	0,303	0,003	0,008	0,167	FALSE
0,038	0,311	0,002	0,012	0,057	FALSE
-0,007	0,316	0,001	0,012	0,024	FALSE
0,144	0,298	0,003	0,007	0,160	FALSE
-0,112	0,311	-0,002	0,007	0,136	FALSE
-0,086	0,305	-0,003	0,010	0,119	FALSE
0,035	0,306	0,000	0,006	0,021	FALSE
0,107	0,304	0,004	0,012	0,144	FALSE
0,029	0,294	0,001	0,007	0,038	FALSE
-0,123	0,313	-0,005	0,012	0,171	FALSE
-0,036	0,310	0,000	0,008	0,016	FALSE
-0,030	0,312	-0,001	0,011	0,031	FALSE
0,153	0,309	0,005	0,008	0,251	FALSE
-0,052	0,294	-0,002	0,009	0,075	FALSE
0,035	0,284	0,002	0,010	0,074	FALSE
-0,022	0,308	-0,001	0,013	0,040	FALSE
0,017	0,302	0,000	0,007	0,018	FALSE
-0,003	0,310	0,000	0,008	0,014	FALSE
-0,047	0,313	-0,002	0,008	0,072	FALSE
0,045	0,311	0,001	0,008	0,060	FALSE
0,155	0,306	0,006	0,012	0,219	FALSE
-0,074	0,295	-0,002	0,009	0,064	FALSE
0,160	0,298	0,004	0,008	0,213	FALSE
0,157	0,308	0,004	0,008	0,197	FALSE
0,096	0,302	0,002	0,007	0,139	FALSE
-0,059	0,314	-0,003	0,013	0,088	FALSE
0,088	0,303	0,004	0,012	0,119	FALSE
-0,102	0,320	-0,002	0,008	0,112	FALSE
-0,073	0,305	-0,001	0,007	0,071	FALSE
-0,032	0,308	-0,001	0,009	0,051	FALSE
-0,008	0,306	0,000	0,008	0,009	FALSE

-0,052	0,320	-0,002	0,012	0,070	FALSE
-0,124	0,300	-0,004	0,008	0,193	FALSE
-0,119	0,290	-0,005	0,011	0,197	FALSE
-0,077	0,311	-0,003	0,012	0,086	FALSE
0,043	0,306	0,002	0,012	0,058	FALSE
-0,021	0,309	-0,001	0,008	0,037	FALSE
-0,052	0,292	-0,001	0,007	0,078	FALSE
-0,071	0,310	-0,003	0,010	0,115	FALSE
-0,009	0,302	0,000	0,011	0,011	FALSE
0,006	0,306	0,000	0,010	0,013	FALSE
0,011	0,298	0,000	0,006	0,027	FALSE
-0,102	0,305	-0,004	0,012	0,119	FALSE
-0,104	0,314	-0,004	0,011	0,124	FALSE
-0,075	0,313	-0,003	0,012	0,091	FALSE
-0,037	0,317	-0,002	0,012	0,071	FALSE
-0,018	0,311	-0,001	0,011	0,027	FALSE
0,102	0,302	0,002	0,007	0,118	FALSE
-0,014	0,303	0,000	0,006	0,014	FALSE
-0,014	0,298	0,000	0,010	0,009	FALSE
0,008	0,306	0,000	0,011	0,013	FALSE
-0,121	0,294	-0,004	0,012	0,145	FALSE
-0,149	0,301	-0,004	0,008	0,211	FALSE
0,120	0,301	0,004	0,012	0,128	FALSE
-0,028	0,307	0,000	0,007	0,000	FALSE
-0,045	0,317	-0,001	0,010	0,050	FALSE
0,014	0,312	0,000	0,007	0,022	FALSE
0,069	0,307	0,003	0,012	0,101	FALSE
0,048	0,296	0,002	0,009	0,068	FALSE
0,046	0,304	0,001	0,011	0,042	FALSE
-0,089	0,325	-0,001	0,007	0,079	FALSE
0,099	0,305	0,003	0,008	0,141	FALSE
-0,121	0,297	-0,005	0,011	0,174	FALSE
-0,051	0,303	-0,001	0,007	0,044	FALSE
0,018	0,301	0,000	0,007	0,022	FALSE
0,007	0,299	0,000	0,012	0,003	FALSE
0,060	0,312	0,001	0,006	0,072	FALSE
0,025	0,294	0,000	0,010	0,015	FALSE
-0,173	0,314	-0,003	0,006	0,226	FALSE
-0,060	0,308	-0,002	0,008	0,083	FALSE
-0,027	0,317	-0,001	0,008	0,023	FALSE
-0,149	0,305	-0,003	0,007	0,203	FALSE
-0,136	0,300	-0,003	0,006	0,173	FALSE
-0,007	0,305	0,000	0,010	0,017	FALSE
-0,177	0,311	-0,006	0,011	0,231	FALSE
-0,070	0,305	-0,002	0,007	0,107	FALSE
-0,070	0,311	-0,002	0,008	0,089	FALSE
-0,055	0,304	-0,001	0,007	0,059	FALSE
0,001	0,310	-0,001	0,012	0,026	FALSE
0,007	0,319	0,000	0,011	0,012	FALSE
0,050	0,297	0,002	0,009	0,098	FALSE
0,151	0,309	0,005	0,011	0,192	FALSE
0,054	0,289	0,003	0,010	0,108	FALSE
0,134	0,306	0,006	0,012	0,187	FALSE

0,048	0,320	0,001	0,009	0,052	FALSE
-0,119	0,309	-0,003	0,007	0,144	FALSE
0,027	0,307	0,000	0,007	0,023	FALSE
0,026	0,299	0,000	0,011	0,012	FALSE
0,061	0,300	0,002	0,009	0,074	FALSE
-0,057	0,300	-0,002	0,012	0,070	FALSE
-0,147	0,295	-0,004	0,008	0,186	FALSE
-0,057	0,301	-0,001	0,006	0,067	FALSE
-0,038	0,305	-0,001	0,010	0,025	FALSE
-0,012	0,315	-0,002	0,013	0,045	FALSE
0,040	0,308	0,002	0,008	0,083	FALSE
0,142	0,304	0,006	0,011	0,249	FALSE
-0,020	0,312	-0,001	0,011	0,029	FALSE
-0,046	0,319	-0,001	0,007	0,055	FALSE
-0,034	0,293	-0,002	0,011	0,055	FALSE
-0,028	0,315	-0,001	0,006	0,048	FALSE
-0,045	0,309	-0,002	0,013	0,067	FALSE
-0,001	0,308	0,000	0,009	0,017	FALSE
-0,060	0,295	-0,003	0,012	0,093	FALSE
0,013	0,312	0,001	0,010	0,023	FALSE
0,030	0,316	0,001	0,007	0,040	FALSE
-0,030	0,302	-0,001	0,010	0,042	FALSE
-0,007	0,321	0,000	0,013	0,013	FALSE
-0,077	0,310	-0,002	0,010	0,090	FALSE
-0,029	0,319	-0,001	0,010	0,025	FALSE
-0,013	0,286	0,000	0,009	0,004	FALSE
-0,083	0,304	-0,002	0,007	0,102	FALSE
-0,041	0,312	-0,001	0,008	0,025	FALSE
-0,028	0,314	-0,001	0,012	0,030	FALSE
-0,142	0,299	-0,004	0,009	0,198	FALSE
-0,109	0,311	-0,004	0,009	0,152	FALSE
0,075	0,304	0,003	0,009	0,119	FALSE
0,089	0,295	0,003	0,008	0,139	FALSE
-0,019	0,321	0,000	0,010	0,009	FALSE
-0,062	0,297	-0,003	0,010	0,095	FALSE
-0,010	0,309	0,000	0,010	0,007	FALSE
0,172	0,303	0,007	0,013	0,235	FALSE
-0,129	0,304	-0,004	0,011	0,157	FALSE
0,130	0,312	0,004	0,007	0,209	FALSE
-0,022	0,326	-0,002	0,013	0,049	FALSE
-0,001	0,298	0,000	0,006	0,005	FALSE
-0,059	0,307	-0,002	0,012	0,065	FALSE
0,057	0,310	0,001	0,012	0,026	FALSE
0,079	0,309	0,003	0,012	0,093	FALSE
0,034	0,288	0,001	0,008	0,063	FALSE
-0,024	0,309	0,000	0,008	0,005	FALSE
0,053	0,316	0,003	0,010	0,106	FALSE
0,066	0,308	0,003	0,010	0,102	FALSE
0,134	0,312	0,003	0,007	0,209	FALSE
0,033	0,319	0,001	0,012	0,019	FALSE
-0,023	0,312	-0,001	0,010	0,035	FALSE
-0,036	0,297	-0,001	0,010	0,021	FALSE
0,005	0,313	0,000	0,006	0,026	FALSE

-0,002	0,296	0,001	0,011	0,027	FALSE
0,140	0,296	0,005	0,011	0,182	FALSE
0,082	0,307	0,004	0,013	0,141	FALSE
-0,132	0,296	-0,006	0,012	0,206	FALSE
0,052	0,326	0,002	0,010	0,066	FALSE
0,064	0,322	0,002	0,008	0,098	FALSE
0,040	0,296	0,001	0,009	0,059	FALSE
-0,101	0,304	-0,004	0,010	0,152	FALSE
0,137	0,312	0,006	0,012	0,197	FALSE
0,030	0,302	0,000	0,011	0,016	FALSE
-0,209	0,299	-0,007	0,009	0,338	FALSE
0,015	0,317	0,000	0,011	0,008	FALSE
0,038	0,311	0,002	0,009	0,072	FALSE
-0,005	0,330	0,000	0,010	0,010	FALSE
0,051	0,311	0,001	0,010	0,049	FALSE
0,091	0,312	0,004	0,013	0,109	FALSE
0,023	0,298	0,000	0,007	0,019	FALSE
-0,010	0,293	0,000	0,008	0,021	FALSE
0,185	0,302	0,004	0,007	0,252	FALSE
0,045	0,315	0,001	0,008	0,048	FALSE
-0,084	0,310	-0,003	0,013	0,096	FALSE
0,060	0,305	0,001	0,007	0,076	FALSE
-0,041	0,306	-0,001	0,009	0,031	FALSE
0,155	0,300	0,003	0,006	0,193	FALSE
0,090	0,314	0,003	0,010	0,133	FALSE
0,114	0,303	0,003	0,007	0,152	FALSE
0,053	0,321	0,001	0,009	0,052	FALSE
-0,098	0,310	-0,004	0,013	0,123	FALSE
-0,092	0,303	-0,002	0,008	0,103	FALSE
0,111	0,312	0,003	0,010	0,128	FALSE
-0,058	0,307	-0,001	0,008	0,058	FALSE
0,087	0,294	0,002	0,007	0,093	FALSE
-0,009	0,299	-0,001	0,012	0,020	FALSE
0,112	0,304	0,005	0,013	0,151	FALSE
-0,005	0,296	0,000	0,009	0,017	FALSE
-0,018	0,294	-0,001	0,009	0,033	FALSE
-0,092	0,316	-0,004	0,011	0,141	FALSE
-0,066	0,318	-0,001	0,008	0,062	FALSE
0,056	0,317	0,002	0,011	0,061	FALSE
0,035	0,298	0,000	0,006	0,027	FALSE
0,059	0,306	0,002	0,009	0,086	FALSE
-0,044	0,311	-0,001	0,008	0,042	FALSE
-0,126	0,296	-0,005	0,011	0,199	FALSE
0,086	0,313	0,003	0,008	0,126	FALSE
-0,085	0,294	-0,002	0,007	0,133	FALSE
-0,209	0,293	-0,006	0,008	0,311	FALSE
0,098	0,305	0,002	0,007	0,126	FALSE
-0,030	0,301	0,000	0,008	0,010	FALSE
-0,018	0,319	0,000	0,009	0,011	FALSE
-0,095	0,324	-0,002	0,009	0,091	FALSE
0,027	0,306	0,001	0,011	0,021	FALSE
0,000	0,297	0,000	0,008	0,015	FALSE
-0,099	0,308	-0,002	0,007	0,118	FALSE

0,023	0,307	0,001	0,012	0,026	FALSE
0,019	0,306	0,001	0,009	0,044	FALSE
0,010	0,315	0,000	0,009	0,012	FALSE
0,183	0,285	0,008	0,012	0,311	FALSE
0,101	0,294	0,004	0,012	0,134	FALSE
-0,059	0,316	-0,002	0,007	0,111	FALSE
0,041	0,303	0,001	0,011	0,018	FALSE
0,002	0,305	-0,001	0,009	0,022	FALSE
-0,024	0,306	0,000	0,007	0,021	FALSE
0,036	0,327	0,000	0,008	0,018	FALSE
-0,047	0,319	-0,002	0,012	0,070	FALSE
0,071	0,316	0,003	0,010	0,116	FALSE
0,079	0,299	0,002	0,008	0,088	FALSE
0,039	0,310	0,000	0,012	0,006	FALSE
0,046	0,313	0,001	0,012	0,025	FALSE
-0,030	0,316	-0,002	0,013	0,046	FALSE
-0,067	0,300	-0,003	0,009	0,123	FALSE
0,055	0,310	0,001	0,008	0,057	FALSE
0,123	0,307	0,005	0,012	0,149	FALSE
0,072	0,299	0,002	0,012	0,066	FALSE
-0,069	0,311	-0,003	0,010	0,118	FALSE
-0,025	0,314	-0,001	0,008	0,040	FALSE
-0,196	0,311	-0,006	0,009	0,268	FALSE
-0,061	0,302	-0,002	0,009	0,088	FALSE
-0,143	0,313	-0,004	0,010	0,184	FALSE
0,030	0,318	0,001	0,008	0,028	FALSE
0,037	0,296	0,000	0,009	0,017	FALSE
-0,027	0,309	-0,001	0,011	0,037	FALSE
0,218	0,308	0,006	0,008	0,324	FALSE
-0,140	0,301	-0,005	0,010	0,231	FALSE
-0,117	0,321	-0,004	0,010	0,170	FALSE
0,045	0,293	0,002	0,008	0,070	FALSE
-0,133	0,305	-0,005	0,010	0,191	FALSE
0,241	0,298	0,009	0,012	0,363	FALSE
-0,151	0,295	-0,005	0,010	0,228	FALSE
0,171	0,305	0,006	0,011	0,231	FALSE
0,144	0,303	0,004	0,011	0,164	FALSE
-0,003	0,320	0,000	0,007	0,002	FALSE
0,115	0,306	0,004	0,010	0,166	FALSE
0,116	0,289	0,005	0,010	0,178	FALSE
0,008	0,285	0,001	0,009	0,029	FALSE
-0,025	0,313	-0,001	0,007	0,042	FALSE
-0,027	0,322	-0,001	0,006	0,029	FALSE
0,055	0,320	0,002	0,011	0,073	FALSE
0,077	0,305	0,003	0,012	0,099	FALSE
0,074	0,284	0,004	0,012	0,122	FALSE
-0,038	0,322	-0,001	0,007	0,041	FALSE
-0,016	0,310	-0,001	0,010	0,020	FALSE
-0,043	0,315	-0,001	0,010	0,051	FALSE
0,007	0,310	0,001	0,012	0,029	FALSE
0,101	0,310	0,002	0,008	0,126	FALSE
0,125	0,286	0,005	0,010	0,193	FALSE
0,025	0,305	0,001	0,011	0,036	FALSE

-0,038	0,309	0,000	0,006	0,007	FALSE
0,035	0,289	0,001	0,011	0,027	FALSE
-0,015	0,327	0,000	0,009	0,019	FALSE
0,006	0,313	0,001	0,008	0,025	FALSE
-0,087	0,303	-0,004	0,012	0,114	FALSE
0,042	0,318	0,001	0,008	0,046	FALSE
0,012	0,332	0,000	0,008	0,011	FALSE
0,045	0,316	0,002	0,010	0,070	FALSE
-0,101	0,313	-0,002	0,007	0,132	FALSE
0,014	0,305	0,001	0,007	0,037	FALSE
-0,084	0,309	-0,004	0,013	0,132	FALSE
0,117	0,314	0,005	0,012	0,160	FALSE
0,003	0,316	0,000	0,010	0,010	FALSE
-0,074	0,319	-0,002	0,008	0,077	FALSE
0,044	0,298	0,001	0,007	0,062	FALSE
0,027	0,301	0,001	0,008	0,046	FALSE
0,123	0,311	0,006	0,013	0,176	FALSE
-0,069	0,308	-0,003	0,010	0,108	FALSE
-0,173	0,284	-0,003	0,006	0,209	FALSE
0,042	0,286	0,001	0,008	0,041	FALSE
-0,122	0,311	-0,004	0,010	0,173	FALSE
-0,018	0,300	-0,001	0,007	0,064	FALSE
0,024	0,297	0,000	0,012	0,006	FALSE
0,035	0,291	0,001	0,010	0,044	FALSE
-0,096	0,313	-0,002	0,007	0,118	FALSE
-0,085	0,302	-0,002	0,008	0,085	FALSE
0,000	0,313	0,001	0,013	0,026	FALSE
0,006	0,315	0,001	0,013	0,014	FALSE
-0,041	0,316	-0,002	0,011	0,073	FALSE
-0,075	0,310	-0,002	0,008	0,103	FALSE
0,054	0,314	0,003	0,012	0,092	FALSE
0,035	0,309	0,002	0,013	0,067	FALSE
0,119	0,295	0,005	0,012	0,180	FALSE
0,013	0,320	0,001	0,007	0,026	FALSE
-0,024	0,313	0,000	0,007	0,007	FALSE
0,062	0,322	0,001	0,007	0,082	FALSE
0,136	0,308	0,005	0,010	0,203	FALSE
0,103	0,311	0,005	0,013	0,147	FALSE
0,037	0,323	0,001	0,010	0,028	FALSE
0,174	0,305	0,005	0,008	0,306	FALSE
0,025	0,306	0,000	0,007	0,024	FALSE
-0,091	0,326	-0,005	0,013	0,138	FALSE
-0,050	0,305	-0,002	0,013	0,072	FALSE
-0,062	0,314	-0,001	0,006	0,045	FALSE
-0,095	0,319	-0,001	0,007	0,080	FALSE
0,019	0,313	0,001	0,007	0,028	FALSE
0,013	0,287	0,001	0,012	0,040	FALSE
0,155	0,306	0,005	0,010	0,222	FALSE
-0,068	0,314	-0,003	0,011	0,095	FALSE
-0,069	0,311	-0,004	0,012	0,118	FALSE
0,027	0,303	0,000	0,007	0,024	FALSE
-0,090	0,316	-0,002	0,009	0,111	FALSE
0,110	0,300	0,003	0,007	0,197	FALSE

0,039	0,307	0,001	0,009	0,052	FALSE
-0,007	0,300	0,000	0,008	0,021	FALSE
0,109	0,322	0,003	0,007	0,162	FALSE
0,014	0,301	0,001	0,009	0,042	FALSE
0,148	0,296	0,006	0,011	0,229	FALSE
0,022	0,312	0,000	0,007	0,015	FALSE
-0,079	0,304	-0,002	0,007	0,089	FALSE
-0,006	0,305	0,001	0,013	0,031	FALSE
0,002	0,287	0,002	0,012	0,050	FALSE
0,035	0,311	0,002	0,009	0,087	FALSE
0,073	0,313	0,002	0,009	0,072	FALSE
-0,080	0,307	-0,001	0,006	0,080	FALSE
-0,049	0,298	-0,001	0,007	0,079	FALSE
0,068	0,316	0,002	0,007	0,122	FALSE
-0,018	0,316	0,000	0,007	0,021	FALSE
0,039	0,299	0,002	0,009	0,074	FALSE
0,021	0,300	0,001	0,011	0,025	FALSE
0,121	0,311	0,003	0,009	0,125	FALSE
0,044	0,314	0,001	0,009	0,027	FALSE
0,084	0,295	0,002	0,009	0,069	FALSE
-0,042	0,311	-0,002	0,011	0,078	FALSE
-0,100	0,302	-0,005	0,013	0,170	FALSE
-0,166	0,299	-0,008	0,013	0,273	FALSE
-0,137	0,305	-0,004	0,011	0,157	FALSE
0,098	0,298	0,002	0,008	0,113	FALSE
0,068	0,305	0,001	0,009	0,053	FALSE
-0,035	0,302	-0,001	0,013	0,026	FALSE
-0,121	0,302	-0,003	0,009	0,128	FALSE
-0,074	0,297	-0,001	0,008	0,060	FALSE
-0,042	0,315	-0,001	0,012	0,043	FALSE
-0,074	0,307	-0,002	0,007	0,113	FALSE
0,018	0,309	0,001	0,008	0,029	FALSE
-0,018	0,328	0,000	0,008	0,011	FALSE
-0,049	0,317	-0,001	0,006	0,072	FALSE
0,121	0,295	0,002	0,006	0,153	FALSE
0,048	0,303	0,000	0,008	0,019	FALSE
0,016	0,297	0,000	0,006	0,004	FALSE
-0,029	0,315	-0,001	0,012	0,043	FALSE
0,053	0,308	0,002	0,009	0,069	FALSE
0,048	0,304	0,001	0,011	0,041	FALSE
0,158	0,292	0,003	0,006	0,189	FALSE
-0,041	0,308	0,000	0,008	0,018	FALSE
0,098	0,308	0,002	0,007	0,103	FALSE
0,067	0,306	0,002	0,009	0,084	FALSE
-0,022	0,308	0,000	0,007	0,015	FALSE
-0,040	0,306	-0,001	0,007	0,043	FALSE
0,037	0,313	0,001	0,012	0,039	FALSE
-0,062	0,309	-0,001	0,008	0,051	FALSE
0,121	0,299	0,006	0,012	0,205	FALSE
0,099	0,299	0,003	0,012	0,112	FALSE
0,033	0,310	0,001	0,007	0,039	FALSE
-0,089	0,314	-0,003	0,010	0,112	FALSE
-0,043	0,323	-0,001	0,011	0,048	FALSE

0,144	0,319	0,004	0,008	0,171	FALSE
-0,011	0,299	-0,001	0,011	0,022	FALSE
0,198	0,295	0,006	0,009	0,301	FALSE
-0,035	0,314	-0,001	0,007	0,031	FALSE
-0,075	0,291	-0,004	0,010	0,171	FALSE
-0,004	0,303	0,000	0,010	0,008	FALSE
0,078	0,310	0,002	0,007	0,107	FALSE
0,014	0,303	0,001	0,013	0,023	FALSE
0,060	0,302	0,002	0,009	0,085	FALSE
-0,136	0,292	-0,004	0,009	0,191	FALSE
-0,094	0,304	-0,003	0,011	0,124	FALSE
0,080	0,331	0,002	0,008	0,109	FALSE
0,004	0,313	0,001	0,008	0,032	FALSE
0,057	0,301	0,003	0,012	0,099	FALSE
0,000	0,308	-0,001	0,010	0,035	FALSE
-0,040	0,315	-0,001	0,010	0,048	FALSE
0,115	0,310	0,002	0,007	0,146	FALSE
-0,076	0,295	-0,002	0,008	0,086	FALSE
0,086	0,301	0,003	0,007	0,157	FALSE
-0,049	0,301	-0,001	0,006	0,065	FALSE
-0,068	0,300	-0,002	0,009	0,076	FALSE
0,080	0,296	0,001	0,007	0,063	FALSE
0,006	0,289	0,001	0,010	0,026	FALSE
0,089	0,305	0,002	0,008	0,083	FALSE
-0,041	0,298	0,000	0,007	0,018	FALSE
-0,078	0,309	-0,003	0,012	0,111	FALSE
-0,094	0,312	-0,002	0,007	0,092	FALSE
-0,036	0,307	-0,001	0,009	0,044	FALSE
-0,168	0,295	-0,004	0,008	0,248	FALSE
0,036	0,298	0,002	0,010	0,067	FALSE
0,028	0,312	0,001	0,007	0,042	FALSE
0,052	0,316	0,001	0,013	0,037	FALSE
-0,102	0,301	-0,003	0,013	0,102	FALSE
-0,084	0,304	-0,002	0,007	0,108	FALSE
-0,069	0,316	-0,002	0,007	0,102	FALSE
-0,104	0,306	-0,003	0,008	0,154	FALSE
-0,059	0,312	-0,002	0,008	0,102	FALSE
-0,050	0,316	-0,002	0,008	0,098	FALSE
0,079	0,300	0,002	0,006	0,103	FALSE
0,072	0,312	0,002	0,007	0,090	FALSE
0,139	0,316	0,004	0,009	0,193	FALSE
-0,041	0,300	-0,002	0,008	0,083	FALSE
-0,008	0,312	0,000	0,013	0,004	FALSE
0,048	0,315	0,002	0,012	0,074	FALSE
0,011	0,297	0,000	0,010	0,016	FALSE
0,008	0,312	0,001	0,008	0,031	FALSE
-0,004	0,303	0,001	0,006	0,028	FALSE
-0,023	0,308	0,000	0,008	0,006	FALSE
-0,004	0,303	0,000	0,007	0,024	FALSE
-0,116	0,312	-0,005	0,012	0,169	FALSE
-0,018	0,287	0,000	0,012	0,015	FALSE
-0,018	0,294	0,000	0,012	0,010	FALSE
-0,027	0,299	-0,001	0,008	0,048	FALSE

-0,030	0,313	0,000	0,008	0,016	FALSE
-0,013	0,312	0,000	0,008	0,002	FALSE
-0,046	0,308	-0,001	0,007	0,048	FALSE
0,090	0,310	0,003	0,009	0,119	FALSE
-0,099	0,317	-0,002	0,007	0,138	FALSE
0,065	0,312	0,003	0,012	0,094	FALSE
-0,131	0,307	-0,003	0,008	0,175	FALSE
-0,035	0,321	-0,001	0,011	0,047	FALSE
0,105	0,312	0,003	0,008	0,170	FALSE
0,016	0,304	0,001	0,012	0,027	FALSE
-0,091	0,315	-0,002	0,007	0,116	FALSE
-0,049	0,303	-0,001	0,008	0,064	FALSE
-0,030	0,303	-0,001	0,007	0,049	FALSE
-0,015	0,327	0,000	0,008	0,016	FALSE
0,096	0,307	0,002	0,007	0,115	FALSE
0,036	0,295	0,001	0,009	0,044	FALSE
0,052	0,317	0,002	0,010	0,083	FALSE
-0,032	0,311	-0,001	0,010	0,037	FALSE
-0,073	0,304	-0,001	0,007	0,059	FALSE
0,113	0,304	0,002	0,007	0,113	FALSE
0,058	0,310	0,001	0,007	0,071	FALSE
-0,015	0,313	-0,001	0,012	0,024	FALSE
0,025	0,321	0,001	0,011	0,044	FALSE
-0,058	0,297	-0,002	0,008	0,117	FALSE
-0,008	0,314	0,000	0,010	0,002	FALSE
-0,120	0,303	-0,002	0,007	0,137	FALSE
-0,028	0,317	-0,001	0,012	0,017	FALSE
-0,058	0,317	-0,002	0,010	0,067	FALSE
0,153	0,305	0,007	0,012	0,228	FALSE
-0,020	0,308	-0,001	0,013	0,018	FALSE
0,033	0,315	0,001	0,013	0,041	FALSE
0,157	0,295	0,004	0,007	0,217	FALSE
0,112	0,311	0,003	0,008	0,138	FALSE
0,054	0,314	0,002	0,008	0,077	FALSE
-0,004	0,303	0,000	0,009	0,016	FALSE
0,039	0,299	0,000	0,007	0,024	FALSE
0,092	0,306	0,003	0,007	0,143	FALSE
0,121	0,290	0,004	0,009	0,196	FALSE
0,056	0,309	0,001	0,007	0,046	FALSE
0,051	0,296	0,002	0,011	0,057	FALSE
0,194	0,293	0,006	0,010	0,265	FALSE
0,065	0,314	0,002	0,012	0,074	FALSE
0,003	0,299	0,000	0,009	0,014	FALSE
-0,018	0,311	0,000	0,011	0,016	FALSE
0,040	0,320	0,002	0,013	0,054	FALSE
-0,066	0,306	-0,001	0,007	0,069	FALSE
-0,173	0,299	-0,004	0,006	0,263	FALSE
-0,032	0,320	-0,001	0,008	0,029	FALSE
0,020	0,319	0,000	0,008	0,022	FALSE
-0,050	0,300	-0,002	0,013	0,044	FALSE
0,053	0,301	0,001	0,012	0,022	FALSE
-0,005	0,307	0,000	0,012	0,001	FALSE
0,016	0,307	0,000	0,007	0,022	FALSE

0,021	0,305	0,000	0,012	0,015	FALSE
-0,034	0,295	-0,001	0,011	0,021	FALSE
-0,117	0,300	-0,003	0,009	0,127	FALSE
0,047	0,318	0,001	0,007	0,041	FALSE
-0,058	0,306	-0,002	0,008	0,078	FALSE
-0,040	0,287	-0,001	0,008	0,046	FALSE
-0,074	0,311	-0,003	0,013	0,088	FALSE
-0,004	0,302	0,000	0,012	0,012	FALSE
0,018	0,317	0,000	0,013	0,008	FALSE
0,029	0,304	0,000	0,010	0,009	FALSE
-0,085	0,318	-0,002	0,007	0,093	FALSE
0,185	0,303	0,006	0,011	0,255	FALSE
0,046	0,314	0,002	0,010	0,061	FALSE
-0,033	0,314	0,000	0,008	0,016	FALSE
0,124	0,305	0,003	0,008	0,160	FALSE
-0,074	0,311	-0,002	0,008	0,093	FALSE
0,089	0,308	0,003	0,010	0,135	FALSE
-0,179	0,292	-0,008	0,012	0,273	FALSE
0,058	0,300	0,003	0,011	0,100	FALSE
-0,012	0,325	0,000	0,007	0,007	FALSE
-0,188	0,299	-0,005	0,009	0,253	FALSE
0,096	0,303	0,002	0,006	0,104	FALSE
0,051	0,318	0,002	0,013	0,055	FALSE
0,139	0,303	0,003	0,008	0,142	FALSE
0,201	0,302	0,005	0,008	0,265	FALSE
0,149	0,314	0,004	0,008	0,215	FALSE
0,117	0,304	0,003	0,010	0,126	FALSE
-0,036	0,310	-0,001	0,007	0,062	FALSE
-0,012	0,309	-0,001	0,007	0,033	FALSE
-0,045	0,306	-0,001	0,008	0,046	FALSE
-0,115	0,304	-0,003	0,008	0,128	FALSE
-0,062	0,302	-0,001	0,007	0,074	FALSE
-0,005	0,308	0,000	0,008	0,004	FALSE
0,017	0,299	0,001	0,007	0,030	FALSE
0,016	0,307	0,001	0,007	0,031	FALSE
0,100	0,308	0,004	0,010	0,153	FALSE
-0,087	0,319	-0,003	0,010	0,110	FALSE
0,085	0,312	0,002	0,007	0,110	FALSE
0,078	0,291	0,003	0,012	0,082	FALSE
-0,021	0,294	-0,001	0,008	0,051	FALSE
-0,090	0,286	-0,003	0,009	0,116	FALSE
0,037	0,301	0,001	0,012	0,043	FALSE
-0,047	0,319	-0,001	0,010	0,052	FALSE
-0,110	0,311	-0,002	0,008	0,116	FALSE
-0,100	0,299	-0,002	0,008	0,119	FALSE
-0,016	0,307	-0,001	0,009	0,035	FALSE
-0,109	0,315	-0,002	0,007	0,142	FALSE
0,003	0,303	-0,001	0,009	0,028	FALSE
0,111	0,310	0,005	0,013	0,143	FALSE
0,067	0,302	0,002	0,007	0,106	FALSE
0,059	0,304	0,002	0,007	0,094	FALSE
-0,003	0,294	0,000	0,009	0,007	FALSE
0,144	0,300	0,005	0,012	0,180	FALSE

0,095	0,311	0,004	0,012	0,146	FALSE
0,014	0,317	0,000	0,007	0,003	FALSE
0,063	0,312	0,002	0,008	0,083	FALSE
0,059	0,324	0,002	0,008	0,076	FALSE
-0,019	0,319	-0,001	0,012	0,020	FALSE
-0,030	0,285	-0,001	0,009	0,024	FALSE
-0,040	0,292	-0,001	0,009	0,028	FALSE
0,028	0,296	0,001	0,007	0,066	FALSE
0,162	0,294	0,004	0,008	0,217	FALSE
-0,004	0,320	0,000	0,007	0,010	FALSE
-0,025	0,317	-0,001	0,007	0,028	FALSE
0,093	0,289	0,003	0,007	0,164	FALSE
-0,076	0,309	-0,002	0,007	0,108	FALSE
0,165	0,310	0,005	0,010	0,190	FALSE
0,077	0,300	0,002	0,009	0,113	FALSE
-0,012	0,295	0,000	0,007	0,008	FALSE
-0,039	0,314	-0,002	0,012	0,077	FALSE
0,057	0,308	0,001	0,010	0,040	FALSE
0,049	0,309	0,002	0,009	0,085	FALSE
-0,076	0,314	-0,002	0,009	0,101	FALSE
0,056	0,308	0,001	0,007	0,052	FALSE
0,019	0,309	0,000	0,008	0,001	FALSE
-0,014	0,316	-0,001	0,009	0,029	FALSE
0,024	0,314	0,001	0,009	0,038	FALSE
0,026	0,312	0,001	0,007	0,040	FALSE
-0,101	0,296	-0,004	0,011	0,151	FALSE
0,069	0,301	0,003	0,012	0,082	FALSE
-0,001	0,293	0,000	0,006	0,003	FALSE
-0,123	0,314	-0,004	0,010	0,176	FALSE
0,024	0,306	0,001	0,012	0,025	FALSE
-0,155	0,301	-0,006	0,009	0,269	FALSE
0,060	0,308	0,002	0,007	0,080	FALSE
0,084	0,306	0,003	0,012	0,084	FALSE
-0,086	0,294	-0,002	0,008	0,109	FALSE
0,010	0,323	0,000	0,009	0,020	FALSE
-0,076	0,317	-0,002	0,008	0,101	FALSE
-0,053	0,294	-0,001	0,010	0,039	FALSE
-0,065	0,297	-0,002	0,010	0,057	FALSE
-0,076	0,314	-0,003	0,013	0,075	FALSE
0,097	0,313	0,003	0,011	0,105	FALSE
-0,029	0,314	-0,001	0,008	0,043	FALSE
-0,021	0,302	0,000	0,007	0,020	FALSE
-0,093	0,301	-0,004	0,012	0,131	FALSE
-0,021	0,316	0,000	0,007	0,018	FALSE
0,142	0,297	0,003	0,007	0,183	FALSE
0,088	0,309	0,002	0,008	0,111	FALSE
0,038	0,307	0,001	0,009	0,036	FALSE
-0,099	0,312	-0,005	0,012	0,163	FALSE
-0,087	0,304	-0,004	0,012	0,147	FALSE
-0,105	0,298	-0,004	0,011	0,161	FALSE
-0,066	0,303	-0,003	0,010	0,102	FALSE
0,049	0,317	0,003	0,013	0,073	FALSE
-0,113	0,323	-0,003	0,008	0,153	FALSE

0,015	0,327	0,000	0,014	0,011	FALSE
0,000	0,296	0,001	0,011	0,023	FALSE
-0,028	0,297	0,000	0,011	0,013	FALSE
0,065	0,314	0,002	0,013	0,062	FALSE
0,042	0,309	0,002	0,007	0,081	FALSE
-0,059	0,310	-0,003	0,010	0,097	FALSE
-0,015	0,296	0,000	0,006	0,010	FALSE
-0,152	0,317	-0,003	0,007	0,187	FALSE
-0,071	0,297	-0,003	0,013	0,078	FALSE
0,033	0,326	0,001	0,011	0,022	FALSE
-0,069	0,317	-0,001	0,008	0,056	FALSE
0,051	0,301	0,003	0,010	0,103	FALSE
-0,113	0,297	-0,005	0,013	0,144	FALSE
-0,081	0,308	-0,002	0,008	0,088	FALSE
0,062	0,312	0,002	0,008	0,086	FALSE
0,039	0,312	0,001	0,012	0,036	FALSE
0,057	0,304	0,001	0,010	0,031	FALSE
0,082	0,304	0,002	0,008	0,096	FALSE
-0,110	0,293	-0,003	0,010	0,123	FALSE
-0,048	0,310	-0,003	0,013	0,085	FALSE
0,037	0,302	0,001	0,012	0,040	FALSE
-0,109	0,299	-0,003	0,009	0,137	FALSE
0,004	0,321	0,000	0,008	0,014	FALSE
-0,103	0,311	-0,003	0,011	0,119	FALSE
-0,086	0,298	-0,002	0,007	0,122	FALSE
0,043	0,309	0,002	0,011	0,076	FALSE
-0,017	0,307	0,000	0,008	0,012	FALSE
0,108	0,311	0,003	0,011	0,108	FALSE
-0,096	0,319	-0,003	0,011	0,124	FALSE
0,024	0,314	0,001	0,012	0,031	FALSE
-0,054	0,318	-0,001	0,008	0,044	FALSE
0,022	0,310	0,000	0,008	0,009	FALSE
-0,014	0,300	0,000	0,007	0,015	FALSE
-0,183	0,305	-0,004	0,007	0,238	FALSE
0,044	0,317	0,001	0,007	0,073	FALSE
0,064	0,292	0,003	0,010	0,107	FALSE
0,040	0,304	0,000	0,007	0,013	FALSE
-0,015	0,313	-0,001	0,007	0,025	FALSE
-0,151	0,310	-0,004	0,009	0,200	FALSE
-0,107	0,324	-0,002	0,008	0,122	FALSE
-0,021	0,307	0,000	0,009	0,014	FALSE
-0,133	0,314	-0,004	0,009	0,189	FALSE
-0,020	0,305	0,000	0,011	0,006	FALSE
0,031	0,317	0,001	0,012	0,044	FALSE
0,097	0,318	0,003	0,013	0,085	FALSE
0,096	0,303	0,003	0,012	0,097	FALSE
0,059	0,316	0,002	0,007	0,086	FALSE
0,101	0,313	0,003	0,010	0,129	FALSE
0,051	0,311	0,002	0,009	0,072	FALSE
0,065	0,299	0,002	0,010	0,087	FALSE
0,000	0,301	0,000	0,010	0,008	FALSE
0,022	0,315	0,001	0,010	0,039	FALSE
0,018	0,301	0,001	0,010	0,024	FALSE

0,036	0,296	0,001	0,010	0,044	FALSE
0,034	0,316	0,001	0,006	0,072	FALSE
0,018	0,310	0,000	0,008	0,011	FALSE
0,023	0,303	0,002	0,012	0,047	FALSE
0,001	0,312	0,000	0,007	0,003	FALSE
-0,104	0,298	-0,004	0,012	0,119	FALSE
0,012	0,325	0,000	0,012	0,006	FALSE
-0,147	0,310	-0,006	0,013	0,198	FALSE
-0,093	0,311	-0,002	0,008	0,100	FALSE
-0,082	0,299	-0,003	0,012	0,078	FALSE
-0,028	0,308	0,000	0,008	0,008	FALSE
0,035	0,311	0,002	0,008	0,069	FALSE
0,060	0,312	0,001	0,006	0,050	FALSE
0,206	0,293	0,007	0,012	0,278	FALSE
-0,023	0,319	0,000	0,008	0,008	FALSE
0,038	0,297	0,000	0,007	0,018	FALSE
-0,051	0,311	-0,001	0,010	0,034	FALSE
-0,039	0,316	0,000	0,010	0,016	FALSE
-0,026	0,314	0,000	0,011	0,007	FALSE
0,046	0,303	0,003	0,009	0,108	FALSE
0,080	0,303	0,002	0,007	0,135	TRUE
0,070	0,311	0,003	0,012	0,084	FALSE
-0,120	0,307	-0,003	0,009	0,150	FALSE
-0,052	0,312	-0,002	0,013	0,047	FALSE
-0,027	0,313	0,000	0,006	0,015	FALSE
-0,072	0,326	-0,002	0,008	0,108	FALSE
-0,081	0,300	-0,003	0,010	0,128	FALSE
-0,113	0,295	-0,005	0,010	0,191	FALSE
0,010	0,305	0,000	0,008	0,010	FALSE
0,092	0,305	0,002	0,007	0,084	FALSE
-0,053	0,313	-0,002	0,011	0,080	FALSE
0,066	0,324	0,002	0,011	0,081	FALSE
0,120	0,309	0,005	0,012	0,172	FALSE
-0,042	0,318	-0,002	0,011	0,055	FALSE
0,063	0,310	0,001	0,007	0,057	FALSE
-0,034	0,313	-0,002	0,013	0,055	FALSE
-0,004	0,322	-0,001	0,013	0,020	FALSE
-0,016	0,306	0,000	0,011	0,015	FALSE
0,064	0,313	0,001	0,007	0,071	FALSE
0,006	0,321	0,001	0,008	0,032	FALSE
-0,053	0,302	-0,002	0,010	0,070	FALSE
-0,061	0,313	-0,002	0,008	0,077	FALSE
-0,011	0,305	0,000	0,008	0,002	FALSE
-0,044	0,316	-0,002	0,009	0,065	FALSE
-0,064	0,307	-0,001	0,008	0,055	FALSE
-0,061	0,306	-0,001	0,007	0,046	FALSE
0,044	0,295	0,001	0,009	0,025	FALSE
0,018	0,299	0,000	0,010	0,016	FALSE
0,026	0,317	0,001	0,008	0,023	FALSE
0,039	0,315	0,000	0,012	0,011	FALSE
-0,097	0,313	-0,004	0,012	0,139	FALSE
0,042	0,297	0,001	0,009	0,046	FALSE
0,042	0,305	0,001	0,008	0,061	FALSE

-0,092	0,322	-0,003	0,009	0,119	FALSE
0,132	0,327	0,003	0,006	0,174	FALSE
-0,063	0,291	-0,002	0,011	0,076	FALSE
0,074	0,296	0,002	0,007	0,103	FALSE
0,174	0,310	0,007	0,012	0,245	FALSE
-0,125	0,313	-0,005	0,012	0,166	FALSE
-0,019	0,308	0,000	0,010	0,007	FALSE
0,013	0,319	0,000	0,011	0,000	FALSE
0,013	0,319	0,000	0,011	0,009	FALSE
0,004	0,304	-0,001	0,009	0,027	FALSE
0,033	0,317	0,001	0,008	0,032	FALSE
-0,121	0,285	-0,003	0,008	0,160	FALSE
0,007	0,292	-0,001	0,009	0,031	FALSE
0,009	0,311	0,000	0,010	0,002	FALSE
-0,065	0,296	-0,002	0,007	0,124	FALSE
0,035	0,306	0,003	0,010	0,100	FALSE
0,126	0,303	0,004	0,011	0,135	FALSE
-0,078	0,307	-0,001	0,009	0,052	FALSE
0,037	0,321	0,001	0,010	0,049	FALSE
0,072	0,315	0,002	0,007	0,092	FALSE
-0,086	0,308	-0,002	0,010	0,080	FALSE
-0,075	0,304	-0,002	0,007	0,084	FALSE
0,104	0,303	0,003	0,009	0,134	FALSE
-0,055	0,303	-0,001	0,007	0,081	FALSE
-0,010	0,320	-0,001	0,009	0,026	FALSE
0,007	0,305	0,001	0,009	0,024	FALSE
-0,021	0,305	0,000	0,006	0,023	FALSE
0,035	0,285	0,001	0,008	0,039	FALSE
0,063	0,300	0,003	0,010	0,111	FALSE
-0,014	0,269	-0,001	0,011	0,029	FALSE
0,004	0,290	0,000	0,011	0,006	FALSE
0,046	0,321	0,001	0,010	0,053	FALSE
0,044	0,317	0,002	0,013	0,045	FALSE
-0,046	0,308	-0,003	0,013	0,096	FALSE
0,056	0,295	0,001	0,010	0,048	FALSE
0,015	0,282	0,000	0,010	0,007	FALSE
0,050	0,294	0,001	0,007	0,072	FALSE
-0,020	0,314	-0,001	0,007	0,034	FALSE
-0,045	0,298	-0,001	0,010	0,039	FALSE
-0,024	0,306	0,000	0,009	0,009	FALSE
-0,057	0,315	-0,002	0,009	0,079	FALSE
0,194	0,305	0,007	0,012	0,245	FALSE
-0,118	0,289	-0,004	0,008	0,190	FALSE
0,004	0,293	0,000	0,011	0,008	FALSE
0,084	0,300	0,004	0,010	0,142	FALSE
-0,195	0,301	-0,008	0,012	0,301	FALSE
0,087	0,295	0,004	0,013	0,126	FALSE
0,021	0,303	0,001	0,008	0,043	FALSE
0,012	0,316	0,001	0,008	0,025	FALSE
0,016	0,306	0,002	0,012	0,053	FALSE
0,022	0,318	0,001	0,008	0,028	FALSE
-0,044	0,314	-0,002	0,010	0,054	FALSE
-0,074	0,313	-0,002	0,011	0,082	FALSE

-0,056	0,304	-0,002	0,008	0,074	FALSE
-0,065	0,311	-0,003	0,013	0,099	FALSE
-0,133	0,295	-0,003	0,007	0,196	FALSE
0,111	0,315	0,002	0,007	0,117	FALSE
-0,040	0,303	-0,001	0,009	0,057	FALSE
-0,045	0,309	-0,003	0,012	0,082	FALSE
-0,081	0,304	-0,003	0,010	0,112	FALSE
-0,043	0,323	-0,002	0,013	0,056	FALSE
0,046	0,306	0,002	0,012	0,051	FALSE
-0,045	0,305	-0,001	0,009	0,052	FALSE
0,022	0,303	0,000	0,008	0,007	FALSE
0,164	0,305	0,004	0,008	0,230	FALSE
0,063	0,311	0,001	0,007	0,063	FALSE
0,000	0,305	0,000	0,006	0,013	FALSE
-0,006	0,302	-0,001	0,007	0,036	FALSE
0,019	0,315	0,000	0,009	0,016	FALSE
0,009	0,326	0,001	0,009	0,022	FALSE
0,063	0,310	0,002	0,009	0,089	FALSE
-0,007	0,295	0,000	0,006	0,005	FALSE
0,007	0,323	0,000	0,013	0,014	FALSE
0,007	0,312	0,000	0,013	0,013	FALSE
0,154	0,306	0,006	0,011	0,230	FALSE
-0,073	0,296	-0,002	0,009	0,092	FALSE
-0,027	0,317	0,000	0,013	0,011	FALSE
-0,005	0,312	0,000	0,011	0,001	FALSE
-0,115	0,304	-0,002	0,006	0,142	FALSE
0,188	0,304	0,004	0,007	0,239	FALSE
0,093	0,305	0,003	0,009	0,122	FALSE
0,045	0,309	0,002	0,010	0,069	FALSE
-0,052	0,318	-0,002	0,012	0,069	FALSE
0,034	0,290	0,002	0,009	0,086	FALSE
0,083	0,316	0,003	0,010	0,110	FALSE
0,021	0,317	0,001	0,009	0,020	FALSE
0,054	0,304	0,003	0,010	0,096	FALSE
0,027	0,300	0,002	0,012	0,057	FALSE
-0,030	0,309	-0,001	0,012	0,033	FALSE
0,022	0,301	0,001	0,013	0,035	FALSE
-0,057	0,307	-0,003	0,013	0,079	FALSE
0,123	0,315	0,003	0,007	0,153	FALSE
0,020	0,310	0,002	0,013	0,051	FALSE
-0,110	0,304	-0,003	0,009	0,134	FALSE
-0,065	0,292	-0,003	0,011	0,110	FALSE
0,042	0,304	0,001	0,013	0,040	FALSE
-0,073	0,313	-0,002	0,010	0,083	FALSE
0,062	0,313	0,002	0,012	0,061	FALSE
0,012	0,319	0,000	0,010	0,002	FALSE
-0,007	0,312	0,000	0,009	0,014	FALSE
0,141	0,307	0,005	0,010	0,204	FALSE
0,102	0,319	0,004	0,011	0,134	FALSE
-0,055	0,299	-0,001	0,006	0,058	FALSE
-0,039	0,320	-0,001	0,007	0,028	FALSE
0,017	0,307	0,000	0,007	0,019	FALSE
0,061	0,304	0,001	0,012	0,044	FALSE

0,017	0,310	0,000	0,008	0,004	FALSE
-0,046	0,305	-0,002	0,012	0,054	FALSE
0,048	0,322	0,001	0,008	0,060	FALSE
0,106	0,305	0,004	0,011	0,123	FALSE
-0,065	0,308	-0,002	0,011	0,069	FALSE
0,105	0,320	0,004	0,012	0,142	FALSE
0,038	0,314	0,002	0,013	0,047	FALSE
0,030	0,314	0,001	0,012	0,033	FALSE
-0,063	0,291	-0,002	0,012	0,052	FALSE
0,007	0,299	0,000	0,012	0,013	FALSE
-0,081	0,300	-0,003	0,013	0,105	FALSE
-0,027	0,292	-0,001	0,009	0,042	FALSE
0,018	0,313	0,000	0,008	0,021	FALSE
-0,051	0,310	-0,001	0,009	0,060	FALSE
0,018	0,321	0,001	0,007	0,048	FALSE
0,115	0,312	0,005	0,013	0,148	FALSE
0,024	0,303	0,000	0,006	0,028	FALSE
0,031	0,316	0,001	0,011	0,040	FALSE
0,168	0,317	0,007	0,012	0,236	FALSE
0,138	0,310	0,003	0,009	0,151	FALSE
0,045	0,308	0,001	0,007	0,080	FALSE
0,071	0,318	0,002	0,008	0,102	FALSE
0,011	0,303	0,001	0,007	0,033	FALSE
-0,150	0,318	-0,005	0,011	0,193	FALSE
0,002	0,316	-0,001	0,013	0,033	FALSE
-0,006	0,303	-0,001	0,012	0,040	FALSE
0,012	0,293	0,000	0,010	0,004	FALSE
0,083	0,307	0,001	0,006	0,075	FALSE
-0,080	0,290	-0,002	0,010	0,073	FALSE
0,037	0,296	0,002	0,012	0,050	FALSE
-0,074	0,280	-0,002	0,007	0,116	FALSE
0,089	0,307	0,003	0,008	0,139	FALSE
-0,033	0,312	-0,001	0,013	0,029	FALSE
0,012	0,323	0,001	0,008	0,044	FALSE
-0,016	0,302	0,000	0,006	0,023	FALSE
-0,027	0,303	0,000	0,007	0,002	FALSE
-0,044	0,298	0,000	0,006	0,021	FALSE
-0,007	0,309	0,001	0,012	0,017	FALSE
0,066	0,298	0,002	0,009	0,097	FALSE
-0,087	0,309	-0,003	0,011	0,122	FALSE
0,057	0,311	0,001	0,008	0,068	FALSE
-0,051	0,308	-0,002	0,009	0,070	FALSE
0,008	0,312	0,000	0,013	0,012	FALSE
-0,049	0,315	-0,002	0,012	0,062	FALSE
-0,001	0,317	-0,001	0,009	0,027	FALSE
0,024	0,312	0,001	0,013	0,029	FALSE
0,120	0,301	0,002	0,007	0,131	FALSE
0,029	0,310	0,001	0,007	0,050	FALSE
0,084	0,299	0,002	0,007	0,103	FALSE
-0,078	0,311	-0,002	0,008	0,093	FALSE
0,031	0,305	0,001	0,012	0,024	FALSE
-0,040	0,315	-0,001	0,012	0,043	FALSE
-0,051	0,301	-0,001	0,009	0,052	FALSE

0,100	0,315	0,003	0,008	0,145	FALSE
-0,042	0,312	-0,002	0,013	0,048	FALSE
-0,166	0,288	-0,005	0,008	0,238	FALSE
-0,020	0,285	0,000	0,009	0,012	FALSE
-0,084	0,285	-0,002	0,006	0,121	FALSE
0,032	0,307	0,002	0,012	0,052	FALSE
0,073	0,311	0,003	0,012	0,110	FALSE
-0,023	0,304	-0,001	0,010	0,027	FALSE
-0,159	0,301	-0,005	0,009	0,212	FALSE
0,090	0,303	0,002	0,008	0,084	FALSE
0,061	0,314	0,002	0,008	0,083	FALSE
-0,136	0,313	-0,005	0,013	0,159	FALSE
0,069	0,291	0,002	0,007	0,091	FALSE
-0,101	0,309	-0,002	0,007	0,110	FALSE
0,011	0,319	0,001	0,008	0,026	FALSE
0,016	0,310	0,000	0,007	0,012	FALSE
0,164	0,300	0,004	0,010	0,185	FALSE
0,181	0,300	0,006	0,010	0,237	FALSE
0,062	0,318	0,001	0,012	0,044	FALSE
0,044	0,302	0,001	0,008	0,032	FALSE
0,048	0,314	0,001	0,009	0,062	FALSE
-0,015	0,300	-0,001	0,013	0,016	FALSE
-0,010	0,304	-0,001	0,008	0,032	FALSE
0,018	0,310	0,001	0,013	0,030	FALSE
0,080	0,311	0,003	0,009	0,140	FALSE
-0,059	0,322	-0,001	0,008	0,059	FALSE
0,069	0,305	0,001	0,008	0,060	FALSE
0,083	0,318	0,002	0,008	0,077	FALSE
-0,004	0,320	-0,001	0,009	0,023	FALSE
-0,079	0,310	-0,004	0,013	0,133	FALSE
-0,108	0,322	-0,004	0,013	0,123	FALSE
0,016	0,318	0,001	0,011	0,023	FALSE
0,009	0,306	0,000	0,007	0,021	FALSE
-0,048	0,281	-0,002	0,006	0,088	FALSE
0,084	0,299	0,003	0,007	0,160	FALSE
0,088	0,305	0,003	0,010	0,104	FALSE
0,008	0,290	0,000	0,010	0,009	FALSE
0,068	0,309	0,002	0,007	0,098	FALSE
-0,076	0,305	-0,002	0,010	0,088	FALSE
0,109	0,303	0,002	0,007	0,130	FALSE
0,085	0,315	0,002	0,008	0,107	FALSE
0,054	0,316	0,002	0,010	0,061	FALSE
0,012	0,310	0,000	0,007	0,011	FALSE
-0,077	0,308	-0,003	0,009	0,124	FALSE
-0,099	0,297	-0,003	0,009	0,159	FALSE
0,053	0,297	0,002	0,010	0,075	FALSE
0,050	0,301	0,001	0,008	0,068	FALSE
-0,043	0,304	-0,001	0,007	0,055	FALSE
0,007	0,302	0,000	0,008	0,015	FALSE
0,083	0,314	0,002	0,007	0,107	FALSE
-0,012	0,315	0,000	0,007	0,019	FALSE
0,090	0,301	0,003	0,008	0,131	FALSE
0,023	0,307	0,002	0,013	0,047	FALSE

-0,029	0,319	0,000	0,011	0,012	FALSE
0,015	0,298	0,002	0,012	0,055	FALSE
-0,025	0,295	0,000	0,006	0,021	FALSE
0,081	0,305	0,002	0,009	0,084	FALSE
0,038	0,310	0,001	0,007	0,057	FALSE
-0,129	0,311	-0,003	0,007	0,187	FALSE
0,017	0,306	0,000	0,012	0,002	FALSE
-0,097	0,313	-0,003	0,009	0,118	FALSE
-0,100	0,293	-0,002	0,007	0,124	FALSE
0,005	0,304	0,001	0,012	0,018	FALSE
-0,062	0,292	-0,002	0,008	0,085	FALSE
-0,034	0,295	-0,003	0,012	0,096	FALSE
0,150	0,316	0,003	0,007	0,206	FALSE
0,020	0,302	0,001	0,007	0,069	FALSE
0,022	0,316	0,001	0,010	0,028	FALSE
-0,022	0,311	0,000	0,008	0,004	FALSE
0,029	0,331	0,001	0,012	0,035	FALSE
0,090	0,297	0,002	0,008	0,124	FALSE
0,062	0,316	0,002	0,008	0,097	FALSE
0,042	0,308	0,001	0,008	0,046	FALSE
0,015	0,292	0,001	0,009	0,032	FALSE
-0,014	0,319	-0,001	0,012	0,015	FALSE
-0,033	0,319	-0,001	0,008	0,052	FALSE
-0,017	0,317	-0,001	0,009	0,021	FALSE
-0,053	0,308	-0,001	0,006	0,052	FALSE
0,023	0,298	0,001	0,006	0,033	FALSE
-0,126	0,308	-0,002	0,007	0,131	FALSE
-0,040	0,304	-0,001	0,013	0,017	FALSE
-0,092	0,300	-0,004	0,011	0,122	FALSE
0,015	0,304	0,001	0,008	0,026	FALSE
-0,085	0,303	-0,003	0,008	0,131	FALSE
-0,015	0,318	-0,001	0,010	0,019	FALSE
-0,046	0,314	-0,001	0,009	0,048	FALSE
0,040	0,294	0,001	0,006	0,038	FALSE
-0,007	0,301	0,000	0,008	0,008	FALSE
-0,027	0,316	0,000	0,009	0,019	FALSE
-0,006	0,296	0,000	0,008	0,022	FALSE
-0,024	0,313	0,000	0,009	0,014	FALSE
0,054	0,314	0,002	0,012	0,064	FALSE
0,010	0,295	0,001	0,006	0,033	FALSE
0,223	0,291	0,007	0,009	0,340	FALSE
0,056	0,314	0,003	0,013	0,079	FALSE
-0,068	0,310	-0,002	0,011	0,073	FALSE
0,149	0,304	0,006	0,013	0,205	FALSE
-0,090	0,316	-0,003	0,010	0,126	FALSE
0,118	0,326	0,003	0,009	0,146	FALSE
-0,039	0,310	-0,001	0,009	0,034	FALSE
-0,049	0,301	-0,001	0,009	0,044	FALSE
0,093	0,298	0,002	0,007	0,116	FALSE
0,062	0,312	0,001	0,006	0,080	FALSE
0,061	0,305	0,001	0,008	0,060	FALSE
-0,089	0,304	-0,003	0,013	0,104	FALSE
-0,170	0,304	-0,004	0,009	0,209	FALSE

-0,026	0,311	0,000	0,009	0,017	FALSE
-0,075	0,301	-0,002	0,008	0,074	FALSE
-0,050	0,312	-0,002	0,009	0,072	FALSE
0,097	0,316	0,004	0,011	0,130	FALSE
-0,111	0,293	-0,004	0,010	0,171	FALSE
0,088	0,310	0,003	0,008	0,139	FALSE
0,010	0,303	0,002	0,012	0,048	FALSE
0,172	0,286	0,004	0,007	0,247	FALSE
0,018	0,314	0,001	0,007	0,037	FALSE
-0,168	0,302	-0,005	0,010	0,205	FALSE
-0,030	0,306	0,000	0,007	0,026	FALSE
-0,093	0,310	-0,004	0,011	0,135	FALSE
0,025	0,298	0,001	0,010	0,057	FALSE
0,095	0,304	0,002	0,007	0,096	FALSE
0,049	0,321	0,001	0,008	0,069	FALSE
0,060	0,306	0,002	0,008	0,081	FALSE
0,107	0,300	0,004	0,009	0,170	FALSE
0,024	0,309	0,000	0,011	0,011	FALSE
-0,082	0,313	-0,003	0,012	0,103	FALSE
0,076	0,317	0,001	0,006	0,070	FALSE
-0,018	0,297	0,000	0,007	0,013	FALSE
-0,086	0,295	-0,001	0,006	0,077	FALSE
0,080	0,315	0,003	0,010	0,107	FALSE
-0,032	0,302	0,000	0,008	0,012	FALSE
-0,093	0,309	-0,002	0,007	0,112	FALSE
0,063	0,289	0,003	0,010	0,122	FALSE
0,152	0,295	0,006	0,009	0,271	FALSE
0,059	0,306	0,001	0,012	0,045	FALSE
-0,034	0,304	-0,001	0,010	0,022	FALSE
0,078	0,308	0,003	0,009	0,111	FALSE
-0,053	0,307	-0,001	0,007	0,044	FALSE
-0,079	0,304	-0,002	0,009	0,093	FALSE
-0,012	0,298	-0,001	0,011	0,017	FALSE
-0,095	0,314	-0,002	0,007	0,114	FALSE
-0,074	0,324	-0,002	0,007	0,093	FALSE
-0,035	0,303	-0,001	0,012	0,042	FALSE
-0,066	0,296	-0,002	0,009	0,062	FALSE
-0,071	0,292	-0,003	0,011	0,096	FALSE
-0,070	0,299	-0,003	0,011	0,099	FALSE
0,047	0,309	0,002	0,013	0,045	FALSE
-0,022	0,310	0,000	0,006	0,024	FALSE
0,014	0,316	0,000	0,013	0,004	FALSE
0,028	0,312	0,001	0,007	0,038	FALSE
-0,046	0,294	-0,001	0,008	0,052	FALSE
-0,029	0,297	-0,001	0,009	0,031	FALSE
-0,079	0,305	-0,003	0,013	0,102	FALSE
-0,051	0,307	-0,001	0,009	0,061	FALSE
0,070	0,313	0,002	0,010	0,069	FALSE
-0,031	0,308	-0,001	0,009	0,026	FALSE
0,011	0,319	0,000	0,012	0,008	FALSE
0,171	0,304	0,005	0,009	0,248	FALSE
0,027	0,300	0,001	0,010	0,038	FALSE
-0,029	0,311	-0,001	0,008	0,039	FALSE

0,057	0,318	0,002	0,010	0,081	FALSE
-0,094	0,310	-0,002	0,007	0,107	FALSE
-0,051	0,313	-0,001	0,008	0,044	FALSE
-0,049	0,329	-0,001	0,009	0,052	FALSE
0,164	0,307	0,004	0,007	0,221	FALSE
0,027	0,311	0,001	0,006	0,052	FALSE
-0,070	0,309	-0,002	0,011	0,067	FALSE
-0,026	0,292	-0,001	0,011	0,047	FALSE
0,131	0,307	0,005	0,012	0,168	FALSE
-0,076	0,312	-0,002	0,011	0,061	FALSE
-0,098	0,314	-0,003	0,012	0,103	FALSE
-0,092	0,304	-0,003	0,010	0,094	FALSE
0,212	0,308	0,007	0,010	0,302	FALSE
-0,022	0,293	-0,001	0,009	0,031	FALSE
0,060	0,286	0,002	0,007	0,091	FALSE
0,052	0,320	0,001	0,007	0,050	FALSE
-0,050	0,316	-0,001	0,007	0,051	FALSE
0,002	0,287	0,000	0,010	0,004	FALSE
0,002	0,307	0,000	0,012	0,009	FALSE
-0,019	0,314	-0,001	0,008	0,046	FALSE
0,007	0,304	0,000	0,007	0,019	FALSE
-0,012	0,302	0,000	0,008	0,012	FALSE
-0,060	0,303	-0,002	0,013	0,059	FALSE
0,054	0,309	0,002	0,009	0,069	FALSE
0,094	0,306	0,002	0,006	0,094	FALSE
-0,087	0,316	-0,002	0,008	0,085	FALSE
-0,122	0,307	-0,004	0,009	0,181	FALSE
0,017	0,300	0,002	0,009	0,061	FALSE
0,036	0,284	0,001	0,010	0,047	FALSE
0,085	0,308	0,003	0,012	0,098	FALSE
-0,029	0,309	0,000	0,009	0,013	FALSE
0,036	0,309	0,001	0,010	0,052	FALSE
0,000	0,320	0,000	0,012	0,003	FALSE
0,041	0,309	0,001	0,007	0,027	FALSE
-0,012	0,312	0,000	0,008	0,012	FALSE
-0,022	0,296	0,000	0,007	0,023	FALSE
0,003	0,311	0,001	0,013	0,016	FALSE
-0,003	0,302	0,000	0,008	0,002	FALSE
-0,089	0,312	-0,002	0,007	0,115	FALSE
-0,038	0,293	-0,001	0,006	0,042	FALSE
-0,094	0,299	-0,002	0,008	0,117	FALSE
0,040	0,315	0,001	0,008	0,066	FALSE
-0,049	0,322	-0,001	0,010	0,026	FALSE
0,016	0,306	0,000	0,011	0,009	FALSE
-0,023	0,303	-0,001	0,008	0,053	FALSE
0,084	0,297	0,002	0,007	0,105	FALSE
-0,012	0,299	-0,001	0,011	0,017	FALSE
0,001	0,311	0,000	0,007	0,000	FALSE
0,052	0,318	0,002	0,009	0,078	FALSE
0,073	0,314	0,003	0,012	0,100	FALSE
0,096	0,326	0,005	0,013	0,148	FALSE
-0,038	0,312	-0,001	0,009	0,032	FALSE
-0,047	0,303	-0,001	0,007	0,042	FALSE

-0,031	0,309	-0,002	0,013	0,064	FALSE
-0,032	0,311	-0,001	0,007	0,038	FALSE
0,032	0,321	0,001	0,007	0,033	FALSE
-0,010	0,323	0,000	0,007	0,016	FALSE
-0,008	0,311	0,000	0,006	0,010	FALSE
0,047	0,312	0,002	0,013	0,073	FALSE
0,012	0,298	0,001	0,010	0,045	FALSE
-0,095	0,324	-0,003	0,009	0,136	FALSE
0,070	0,306	0,002	0,009	0,089	FALSE
0,099	0,306	0,003	0,008	0,132	FALSE
0,003	0,308	0,000	0,007	0,015	FALSE
0,158	0,305	0,004	0,007	0,221	FALSE
0,077	0,318	0,002	0,007	0,088	FALSE
-0,094	0,291	-0,002	0,006	0,094	FALSE
-0,099	0,310	-0,002	0,007	0,095	FALSE
0,186	0,300	0,007	0,010	0,290	FALSE
0,042	0,313	0,001	0,007	0,059	FALSE
-0,115	0,321	-0,003	0,008	0,153	FALSE
-0,032	0,301	-0,001	0,008	0,050	FALSE
-0,043	0,308	-0,002	0,012	0,050	FALSE
0,119	0,308	0,004	0,011	0,158	FALSE
0,088	0,302	0,003	0,009	0,126	FALSE
0,110	0,311	0,004	0,011	0,149	FALSE
0,108	0,317	0,004	0,011	0,159	FALSE
0,104	0,307	0,004	0,011	0,150	FALSE
0,095	0,307	0,003	0,010	0,131	FALSE
0,036	0,303	0,002	0,010	0,056	FALSE
0,072	0,313	0,003	0,011	0,093	FALSE
-0,047	0,283	-0,001	0,009	0,057	FALSE
0,063	0,302	0,002	0,009	0,088	FALSE
0,079	0,302	0,002	0,009	0,095	FALSE
0,065	0,297	0,001	0,008	0,070	FALSE
-0,021	0,304	0,000	0,011	0,015	FALSE
-0,046	0,308	-0,001	0,007	0,067	FALSE
-0,075	0,308	-0,002	0,009	0,104	FALSE
0,118	0,309	0,004	0,011	0,156	FALSE
-0,007	0,311	0,000	0,008	0,005	FALSE
0,019	0,308	0,001	0,011	0,033	FALSE
-0,063	0,318	-0,002	0,007	0,086	FALSE
-0,013	0,305	0,000	0,010	0,006	FALSE
-0,001	0,324	0,000	0,011	0,006	FALSE
0,014	0,311	0,001	0,011	0,025	FALSE
-0,017	0,314	0,000	0,009	0,012	FALSE
0,084	0,307	0,003	0,009	0,115	FALSE
-0,052	0,301	-0,002	0,008	0,074	FALSE
0,017	0,322	0,001	0,011	0,027	FALSE
0,026	0,322	0,001	0,011	0,025	FALSE
0,018	0,310	0,000	0,011	0,015	FALSE
0,085	0,298	0,002	0,007	0,090	FALSE
0,099	0,306	0,004	0,009	0,152	FALSE
0,059	0,305	0,003	0,011	0,106	FALSE
0,025	0,328	0,001	0,007	0,030	FALSE
0,019	0,313	0,001	0,008	0,030	FALSE

0,002	0,301	-0,001	0,009	0,027	FALSE
0,132	0,311	0,004	0,008	0,202	FALSE
0,005	0,320	0,001	0,013	0,017	FALSE
-0,065	0,313	-0,003	0,012	0,081	FALSE
0,054	0,290	0,001	0,010	0,048	FALSE
0,007	0,302	-0,001	0,013	0,015	FALSE
0,083	0,308	0,003	0,011	0,095	FALSE
-0,018	0,304	-0,001	0,013	0,022	FALSE
0,029	0,294	0,001	0,013	0,030	FALSE
-0,002	0,305	0,000	0,013	0,011	FALSE
-0,008	0,287	0,000	0,007	0,004	FALSE
-0,085	0,307	-0,002	0,007	0,092	FALSE
-0,049	0,316	-0,001	0,009	0,056	FALSE
0,058	0,306	0,002	0,008	0,085	FALSE
-0,034	0,307	-0,002	0,012	0,057	FALSE
-0,014	0,310	-0,001	0,009	0,024	FALSE
0,035	0,305	0,001	0,006	0,056	FALSE
0,005	0,310	0,000	0,009	0,009	FALSE
0,089	0,316	0,002	0,011	0,081	FALSE
0,105	0,309	0,003	0,011	0,094	FALSE
0,006	0,332	0,000	0,013	0,001	FALSE
-0,127	0,306	-0,003	0,009	0,158	FALSE
0,086	0,298	0,002	0,007	0,129	FALSE
-0,015	0,312	-0,001	0,007	0,032	FALSE
0,066	0,320	0,001	0,007	0,057	FALSE
0,105	0,303	0,002	0,007	0,099	FALSE
0,014	0,296	0,000	0,012	0,003	FALSE
0,006	0,308	0,000	0,011	0,005	FALSE
-0,011	0,311	-0,001	0,013	0,021	FALSE
0,032	0,307	0,002	0,011	0,058	FALSE
-0,026	0,310	-0,001	0,010	0,020	FALSE
-0,100	0,296	-0,002	0,007	0,152	FALSE
0,064	0,323	0,002	0,008	0,083	FALSE
-0,030	0,301	-0,001	0,009	0,043	FALSE
-0,078	0,309	-0,002	0,007	0,101	FALSE
-0,036	0,308	-0,001	0,010	0,049	FALSE
0,083	0,304	0,003	0,008	0,141	FALSE
-0,067	0,309	-0,002	0,007	0,109	FALSE
-0,046	0,299	-0,002	0,008	0,087	FALSE
-0,038	0,303	-0,002	0,008	0,078	FALSE
-0,042	0,302	-0,001	0,010	0,030	FALSE
0,067	0,311	0,003	0,012	0,101	FALSE
0,133	0,308	0,005	0,012	0,178	FALSE
-0,035	0,291	-0,001	0,008	0,027	FALSE
0,056	0,306	0,001	0,009	0,060	FALSE
0,171	0,285	0,005	0,009	0,258	FALSE
0,097	0,305	0,003	0,010	0,140	FALSE
-0,057	0,326	-0,002	0,013	0,064	FALSE
-0,036	0,320	-0,002	0,013	0,058	FALSE
-0,051	0,312	-0,002	0,013	0,069	FALSE
0,039	0,300	0,000	0,007	0,022	FALSE
0,046	0,309	0,001	0,007	0,036	FALSE
0,033	0,314	0,000	0,012	0,012	FALSE

-0,064	0,301	-0,002	0,008	0,096	FALSE
-0,012	0,311	0,000	0,008	0,002	FALSE
-0,059	0,302	-0,001	0,008	0,058	FALSE
-0,029	0,304	-0,002	0,013	0,043	FALSE
-0,046	0,315	-0,001	0,008	0,042	FALSE
-0,062	0,312	-0,002	0,010	0,079	FALSE
-0,054	0,304	-0,002	0,011	0,085	FALSE
0,047	0,300	0,001	0,008	0,028	FALSE
-0,011	0,306	0,000	0,010	0,004	FALSE
-0,117	0,319	-0,002	0,007	0,133	FALSE
0,018	0,293	0,000	0,009	0,011	FALSE
0,051	0,294	0,002	0,010	0,067	FALSE
0,019	0,293	0,000	0,008	0,016	FALSE
0,068	0,288	0,003	0,011	0,110	FALSE
0,029	0,306	0,001	0,009	0,029	FALSE
0,056	0,312	0,001	0,008	0,043	FALSE
-0,186	0,296	-0,007	0,011	0,272	FALSE
0,025	0,315	0,001	0,008	0,030	FALSE
0,003	0,306	0,000	0,009	0,018	FALSE
0,131	0,303	0,004	0,010	0,174	FALSE
0,131	0,311	0,005	0,013	0,160	FALSE
0,069	0,291	0,002	0,008	0,114	FALSE
0,021	0,308	0,001	0,007	0,047	FALSE
0,175	0,301	0,004	0,008	0,222	FALSE
-0,110	0,296	-0,004	0,012	0,155	FALSE
-0,070	0,303	-0,002	0,009	0,104	FALSE
-0,035	0,316	-0,001	0,007	0,062	FALSE
-0,008	0,328	0,000	0,012	0,005	FALSE
0,059	0,304	0,003	0,011	0,108	FALSE
0,074	0,299	0,004	0,012	0,140	FALSE
0,100	0,304	0,003	0,009	0,147	FALSE
0,015	0,313	0,000	0,012	0,008	FALSE
-0,142	0,291	-0,003	0,007	0,193	FALSE
0,024	0,308	0,000	0,013	0,013	FALSE
-0,001	0,300	0,000	0,013	0,007	FALSE
-0,137	0,311	-0,003	0,008	0,168	FALSE
0,105	0,292	0,005	0,012	0,153	FALSE
0,166	0,293	0,007	0,012	0,253	FALSE
-0,050	0,314	-0,001	0,009	0,057	FALSE
0,063	0,309	0,002	0,009	0,063	FALSE
-0,062	0,297	-0,002	0,011	0,074	FALSE
0,000	0,303	0,000	0,007	0,006	FALSE
-0,012	0,312	0,000	0,008	0,016	FALSE
-0,003	0,311	0,000	0,007	0,001	FALSE
0,051	0,307	0,001	0,007	0,048	FALSE
0,026	0,300	0,001	0,008	0,047	FALSE
0,134	0,299	0,006	0,012	0,211	FALSE
0,074	0,304	0,004	0,012	0,119	FALSE
-0,037	0,323	-0,001	0,008	0,056	FALSE
0,069	0,310	0,002	0,013	0,070	FALSE
-0,016	0,303	0,000	0,007	0,004	FALSE
0,126	0,311	0,005	0,012	0,178	FALSE
-0,084	0,309	-0,002	0,008	0,093	FALSE

-0,099	0,304	-0,002	0,008	0,120	FALSE
-0,020	0,303	-0,001	0,009	0,031	FALSE
0,044	0,296	0,001	0,011	0,045	FALSE
-0,076	0,309	-0,003	0,012	0,085	FALSE
-0,029	0,300	0,000	0,008	0,013	FALSE
0,005	0,326	0,000	0,013	0,005	FALSE
0,021	0,315	0,000	0,007	0,021	FALSE
-0,042	0,311	-0,001	0,010	0,042	FALSE
0,001	0,311	0,000	0,009	0,007	FALSE
-0,036	0,296	-0,002	0,010	0,065	FALSE
-0,010	0,313	0,000	0,008	0,011	FALSE
-0,063	0,311	-0,002	0,010	0,079	FALSE
0,151	0,303	0,004	0,009	0,204	FALSE
0,078	0,297	0,003	0,009	0,127	FALSE
-0,110	0,313	-0,003	0,010	0,142	FALSE
-0,138	0,298	-0,005	0,009	0,220	FALSE
-0,150	0,305	-0,005	0,009	0,227	FALSE
0,044	0,308	0,002	0,007	0,088	FALSE
0,182	0,301	0,006	0,010	0,243	FALSE
0,199	0,290	0,007	0,010	0,293	FALSE
0,190	0,300	0,006	0,010	0,273	FALSE
0,111	0,307	0,002	0,007	0,137	FALSE
-0,018	0,305	0,000	0,009	0,018	FALSE
0,048	0,304	0,001	0,006	0,057	FALSE
0,119	0,298	0,003	0,007	0,141	FALSE
0,043	0,311	0,001	0,013	0,025	FALSE
0,101	0,306	0,003	0,008	0,130	FALSE
0,133	0,309	0,003	0,007	0,179	FALSE
0,043	0,302	0,001	0,007	0,065	FALSE
0,042	0,293	0,001	0,008	0,056	FALSE
0,023	0,307	0,001	0,012	0,025	FALSE
-0,006	0,309	0,000	0,007	0,003	FALSE
0,069	0,323	0,002	0,009	0,065	FALSE
-0,062	0,319	-0,002	0,011	0,084	FALSE
-0,054	0,318	-0,004	0,013	0,109	FALSE
-0,135	0,310	-0,003	0,007	0,160	FALSE
-0,092	0,305	-0,002	0,006	0,120	FALSE
0,017	0,323	0,001	0,010	0,018	FALSE
-0,048	0,315	-0,002	0,010	0,066	FALSE
-0,065	0,303	-0,001	0,006	0,078	FALSE
-0,031	0,291	-0,001	0,010	0,041	FALSE
-0,014	0,304	0,000	0,009	0,011	FALSE
-0,051	0,311	-0,002	0,010	0,062	FALSE
0,100	0,301	0,004	0,009	0,179	FALSE
-0,062	0,301	-0,001	0,008	0,062	FALSE
0,052	0,311	0,002	0,008	0,078	FALSE
-0,058	0,300	-0,002	0,007	0,101	FALSE
0,014	0,305	0,000	0,010	0,014	FALSE
0,036	0,307	0,002	0,012	0,062	FALSE
-0,033	0,306	-0,001	0,010	0,043	FALSE
0,008	0,311	0,001	0,012	0,029	FALSE
-0,007	0,326	-0,001	0,013	0,016	FALSE
-0,011	0,301	-0,001	0,011	0,035	FALSE

0,087	0,307	0,004	0,012	0,128	FALSE
0,027	0,306	0,002	0,012	0,068	FALSE
-0,031	0,295	0,000	0,007	0,000	FALSE
0,039	0,298	0,001	0,006	0,071	FALSE
-0,095	0,314	-0,002	0,007	0,089	FALSE
-0,017	0,326	-0,001	0,008	0,030	FALSE
0,093	0,303	0,003	0,008	0,130	FALSE
0,052	0,308	0,002	0,008	0,086	FALSE
0,062	0,315	0,002	0,013	0,052	FALSE
0,023	0,302	0,000	0,010	0,005	FALSE
0,062	0,298	0,003	0,013	0,081	FALSE
-0,004	0,292	0,001	0,008	0,029	FALSE
0,024	0,293	0,002	0,011	0,074	FALSE
0,073	0,309	0,004	0,011	0,140	FALSE
-0,003	0,307	-0,001	0,012	0,042	FALSE
-0,065	0,310	-0,002	0,009	0,064	FALSE
0,037	0,315	0,001	0,011	0,034	FALSE
-0,101	0,316	-0,002	0,007	0,110	FALSE
-0,113	0,303	-0,002	0,007	0,138	FALSE
-0,025	0,297	0,000	0,011	0,000	FALSE
0,056	0,310	0,002	0,009	0,068	FALSE
0,006	0,318	0,000	0,009	0,008	FALSE
0,042	0,316	0,001	0,011	0,035	FALSE
0,078	0,307	0,002	0,008	0,088	FALSE
-0,028	0,314	-0,001	0,008	0,042	FALSE
-0,065	0,306	-0,001	0,010	0,047	FALSE
-0,073	0,307	-0,002	0,012	0,071	FALSE
0,076	0,299	0,003	0,011	0,089	FALSE
0,022	0,304	0,001	0,012	0,031	FALSE
0,025	0,301	0,001	0,007	0,061	FALSE
0,073	0,300	0,003	0,012	0,098	FALSE
-0,008	0,308	0,000	0,009	0,003	FALSE
0,072	0,315	0,002	0,007	0,098	FALSE
0,032	0,304	0,001	0,011	0,022	FALSE
-0,045	0,321	-0,002	0,013	0,068	FALSE
-0,044	0,305	-0,003	0,010	0,092	FALSE
-0,063	0,285	-0,003	0,011	0,095	FALSE
-0,055	0,294	-0,002	0,011	0,075	FALSE
0,025	0,299	0,001	0,010	0,040	FALSE
-0,011	0,314	-0,001	0,013	0,030	FALSE
-0,068	0,316	-0,002	0,010	0,089	FALSE
0,071	0,312	0,002	0,013	0,065	FALSE
0,073	0,307	0,002	0,013	0,056	FALSE
-0,056	0,307	-0,002	0,009	0,103	FALSE
0,035	0,303	0,001	0,008	0,053	FALSE
0,055	0,293	0,001	0,010	0,036	FALSE
0,074	0,300	0,002	0,008	0,108	FALSE
-0,053	0,318	-0,002	0,012	0,055	FALSE
0,014	0,320	0,001	0,013	0,018	FALSE
0,087	0,301	0,002	0,010	0,091	FALSE
-0,183	0,298	-0,004	0,007	0,258	FALSE
-0,093	0,304	-0,002	0,009	0,107	FALSE
-0,217	0,301	-0,009	0,012	0,342	FALSE

-0,006	0,303	-0,001	0,011	0,024	FALSE
-0,001	0,308	0,000	0,011	0,004	FALSE
-0,068	0,311	-0,002	0,007	0,104	FALSE
-0,004	0,302	0,000	0,010	0,011	FALSE
0,021	0,303	0,001	0,006	0,077	FALSE
0,020	0,311	0,002	0,010	0,062	FALSE
-0,030	0,315	0,000	0,008	0,012	FALSE
0,041	0,312	0,000	0,010	0,014	FALSE
-0,063	0,316	-0,002	0,009	0,091	FALSE
0,011	0,313	0,001	0,009	0,058	FALSE
-0,009	0,307	0,000	0,010	0,003	FALSE
-0,053	0,307	-0,001	0,007	0,074	FALSE
0,027	0,301	0,001	0,010	0,019	FALSE
-0,070	0,309	-0,003	0,012	0,104	FALSE
-0,012	0,311	0,000	0,007	0,003	FALSE
0,148	0,304	0,003	0,007	0,210	FALSE
0,085	0,314	0,003	0,011	0,093	FALSE
0,237	0,300	0,008	0,011	0,353	FALSE
0,032	0,313	0,002	0,008	0,069	FALSE
0,033	0,299	0,002	0,010	0,055	FALSE
0,105	0,303	0,002	0,007	0,098	FALSE
0,070	0,300	0,002	0,007	0,084	FALSE
-0,077	0,314	-0,001	0,007	0,064	FALSE
-0,103	0,303	-0,004	0,009	0,170	FALSE
0,018	0,317	0,001	0,012	0,032	FALSE
-0,067	0,307	-0,003	0,009	0,108	FALSE
-0,051	0,327	-0,002	0,010	0,088	FALSE
0,086	0,316	0,004	0,011	0,150	FALSE
0,092	0,321	0,003	0,009	0,139	FALSE
0,089	0,301	0,004	0,012	0,119	FALSE
-0,040	0,313	-0,002	0,009	0,075	FALSE
-0,086	0,305	-0,004	0,011	0,154	FALSE
-0,069	0,300	-0,004	0,013	0,127	FALSE
-0,049	0,309	-0,001	0,011	0,044	FALSE
-0,060	0,307	-0,003	0,009	0,109	FALSE
-0,047	0,311	-0,002	0,009	0,098	FALSE
0,141	0,306	0,005	0,010	0,216	FALSE
-0,017	0,301	0,000	0,008	0,017	FALSE
-0,040	0,292	-0,001	0,008	0,028	FALSE
0,100	0,283	0,003	0,010	0,110	FALSE
-0,024	0,312	-0,001	0,011	0,018	FALSE
0,102	0,300	0,002	0,009	0,089	FALSE
-0,049	0,298	-0,002	0,013	0,065	FALSE
-0,067	0,320	-0,003	0,013	0,085	FALSE
0,078	0,317	0,002	0,008	0,103	FALSE
-0,131	0,307	-0,005	0,012	0,172	FALSE
-0,029	0,312	-0,002	0,012	0,063	FALSE
0,056	0,318	0,003	0,013	0,075	FALSE
0,034	0,295	0,001	0,008	0,024	FALSE
0,110	0,304	0,003	0,008	0,177	FALSE
0,058	0,302	0,002	0,008	0,089	FALSE
0,093	0,316	0,002	0,011	0,076	FALSE
0,013	0,308	0,001	0,011	0,040	FALSE

-0,073	0,297	-0,002	0,007	0,109	FALSE
0,029	0,304	0,001	0,008	0,029	FALSE
0,056	0,313	0,001	0,008	0,044	FALSE
0,094	0,316	0,003	0,008	0,135	FALSE
-0,082	0,296	-0,002	0,010	0,087	FALSE
-0,035	0,319	-0,002	0,012	0,056	FALSE
-0,005	0,293	-0,001	0,010	0,024	FALSE
0,004	0,300	0,000	0,007	0,026	FALSE
0,161	0,292	0,006	0,011	0,229	FALSE
-0,053	0,312	-0,002	0,013	0,045	FALSE
-0,080	0,308	-0,002	0,007	0,081	FALSE
-0,014	0,311	0,000	0,010	0,011	FALSE
0,050	0,311	0,001	0,010	0,046	FALSE
0,108	0,297	0,005	0,011	0,169	FALSE
0,120	0,296	0,004	0,008	0,228	FALSE
-0,088	0,309	-0,004	0,012	0,117	FALSE
-0,103	0,313	-0,004	0,012	0,131	FALSE
-0,006	0,311	0,000	0,009	0,014	FALSE
0,124	0,324	0,006	0,013	0,177	FALSE
-0,016	0,313	-0,001	0,009	0,031	FALSE
-0,121	0,328	-0,003	0,007	0,159	FALSE
0,017	0,315	0,000	0,010	0,012	FALSE
-0,090	0,305	-0,004	0,011	0,121	FALSE
0,141	0,291	0,005	0,010	0,195	FALSE
-0,073	0,310	-0,002	0,008	0,078	FALSE
-0,078	0,308	-0,004	0,011	0,141	FALSE
-0,042	0,313	-0,002	0,012	0,047	FALSE
0,002	0,301	0,000	0,007	0,011	FALSE
0,010	0,301	0,000	0,011	0,015	FALSE
-0,083	0,313	-0,002	0,007	0,118	FALSE
-0,108	0,299	-0,005	0,013	0,175	FALSE
0,087	0,307	0,002	0,010	0,072	FALSE
-0,111	0,311	-0,003	0,011	0,111	FALSE
0,017	0,301	0,000	0,007	0,024	FALSE
0,234	0,291	0,006	0,008	0,355	FALSE
-0,008	0,330	-0,001	0,012	0,015	FALSE
0,082	0,299	0,002	0,007	0,126	FALSE
0,160	0,305	0,005	0,011	0,217	FALSE
0,063	0,304	0,002	0,009	0,077	FALSE
-0,095	0,297	-0,004	0,012	0,145	FALSE
-0,157	0,302	-0,006	0,012	0,210	FALSE
0,009	0,301	0,001	0,008	0,031	FALSE
0,195	0,301	0,008	0,012	0,292	FALSE
-0,006	0,302	-0,001	0,010	0,032	FALSE
0,045	0,319	0,002	0,008	0,086	FALSE
-0,009	0,312	0,000	0,012	0,008	FALSE
-0,015	0,307	0,000	0,008	0,000	FALSE
-0,095	0,300	-0,002	0,007	0,134	FALSE
0,095	0,294	0,003	0,007	0,144	FALSE
0,103	0,304	0,003	0,013	0,086	FALSE
-0,156	0,314	-0,004	0,008	0,224	FALSE
-0,154	0,304	-0,006	0,013	0,203	FALSE
-0,020	0,327	-0,001	0,011	0,026	FALSE

-0,106	0,301	-0,003	0,009	0,134	FALSE
-0,085	0,314	-0,002	0,009	0,100	FALSE
-0,099	0,318	-0,005	0,013	0,148	FALSE
0,056	0,312	0,002	0,012	0,061	FALSE
0,062	0,317	0,002	0,009	0,084	FALSE
-0,010	0,300	0,000	0,013	0,005	FALSE
0,172	0,304	0,005	0,009	0,253	FALSE
0,113	0,297	0,003	0,007	0,154	FALSE
0,112	0,311	0,005	0,012	0,184	FALSE
-0,045	0,298	-0,001	0,013	0,032	FALSE
-0,037	0,304	-0,001	0,013	0,038	FALSE
0,082	0,315	0,002	0,006	0,088	FALSE
0,038	0,300	0,002	0,011	0,055	FALSE
0,010	0,309	0,000	0,012	0,012	FALSE
-0,064	0,293	-0,002	0,012	0,060	FALSE
0,119	0,307	0,004	0,012	0,136	FALSE
-0,035	0,305	-0,001	0,010	0,040	FALSE
-0,034	0,307	-0,001	0,009	0,045	FALSE
0,045	0,302	0,002	0,009	0,065	FALSE
0,066	0,311	0,002	0,007	0,117	FALSE
-0,136	0,306	-0,004	0,008	0,227	FALSE
0,063	0,301	0,002	0,010	0,074	FALSE
0,107	0,303	0,002	0,008	0,107	FALSE
0,127	0,291	0,004	0,010	0,180	FALSE
-0,122	0,302	-0,004	0,011	0,156	FALSE
-0,025	0,322	-0,001	0,007	0,025	FALSE
0,011	0,306	0,000	0,007	0,018	FALSE
-0,007	0,304	0,000	0,007	0,003	FALSE
0,028	0,303	0,001	0,007	0,054	FALSE
-0,005	0,308	0,000	0,007	0,026	FALSE
-0,105	0,319	-0,002	0,007	0,140	FALSE
-0,106	0,310	-0,002	0,007	0,137	FALSE
0,092	0,308	0,002	0,008	0,093	FALSE
0,060	0,309	0,001	0,008	0,052	FALSE
0,069	0,305	0,003	0,011	0,097	FALSE
-0,066	0,302	-0,001	0,008	0,059	FALSE
-0,128	0,289	-0,004	0,009	0,164	FALSE
0,063	0,307	0,002	0,008	0,076	FALSE
0,040	0,300	0,001	0,007	0,066	FALSE
0,102	0,320	0,005	0,013	0,155	FALSE
0,052	0,312	0,001	0,007	0,074	FALSE
-0,001	0,304	-0,001	0,010	0,018	FALSE
-0,050	0,313	-0,002	0,013	0,049	FALSE
-0,105	0,317	-0,003	0,008	0,132	FALSE
-0,066	0,321	-0,002	0,007	0,100	FALSE
-0,129	0,302	-0,005	0,011	0,173	FALSE
-0,067	0,321	-0,003	0,011	0,103	FALSE
0,086	0,322	0,005	0,013	0,151	FALSE
-0,073	0,301	-0,002	0,007	0,113	FALSE
-0,068	0,313	-0,002	0,007	0,094	FALSE
0,023	0,317	0,000	0,013	0,010	FALSE
0,003	0,296	0,000	0,008	0,004	FALSE
-0,020	0,298	0,000	0,012	0,009	FALSE

-0,066	0,306	-0,001	0,012	0,044	FALSE
0,026	0,301	0,000	0,010	0,009	FALSE
0,084	0,309	0,002	0,008	0,093	FALSE
-0,097	0,308	-0,002	0,008	0,093	FALSE
0,114	0,307	0,003	0,007	0,167	FALSE
-0,088	0,316	-0,002	0,009	0,090	FALSE
-0,019	0,306	-0,002	0,011	0,055	FALSE
-0,060	0,305	-0,002	0,010	0,089	FALSE
-0,213	0,302	-0,004	0,006	0,321	FALSE
0,025	0,318	0,001	0,012	0,026	FALSE
0,032	0,319	0,001	0,008	0,038	FALSE
-0,045	0,308	-0,002	0,012	0,056	FALSE
0,003	0,324	0,000	0,012	0,009	FALSE
-0,007	0,315	0,000	0,012	0,014	FALSE
-0,078	0,308	-0,002	0,009	0,093	FALSE
0,062	0,303	0,002	0,007	0,086	FALSE
-0,052	0,310	-0,001	0,007	0,061	FALSE
0,080	0,300	0,003	0,012	0,084	FALSE
-0,045	0,316	-0,001	0,007	0,063	FALSE
0,015	0,303	0,000	0,007	0,017	FALSE
0,000	0,310	0,000	0,013	0,011	FALSE
0,073	0,298	0,002	0,010	0,076	FALSE
-0,047	0,308	-0,001	0,007	0,070	FALSE
0,004	0,310	-0,001	0,011	0,026	FALSE
-0,023	0,307	-0,002	0,011	0,053	FALSE
0,091	0,298	0,002	0,007	0,140	FALSE
0,070	0,318	0,002	0,009	0,085	FALSE
0,035	0,304	0,001	0,008	0,047	FALSE
0,090	0,287	0,003	0,008	0,155	FALSE
0,035	0,315	0,001	0,010	0,029	FALSE
0,065	0,306	0,003	0,008	0,120	FALSE
-0,025	0,302	-0,001	0,009	0,029	FALSE
-0,149	0,303	-0,006	0,012	0,213	FALSE
0,019	0,304	0,000	0,007	0,002	FALSE
0,004	0,301	0,000	0,007	0,017	FALSE
0,072	0,302	0,003	0,012	0,103	FALSE
-0,111	0,307	-0,004	0,010	0,178	FALSE
0,024	0,300	0,000	0,008	0,016	FALSE
0,004	0,293	0,000	0,008	0,009	FALSE
0,052	0,315	0,001	0,007	0,027	FALSE
-0,122	0,309	-0,003	0,007	0,173	FALSE
-0,054	0,305	-0,001	0,006	0,029	FALSE
0,083	0,309	0,002	0,007	0,085	FALSE
0,103	0,307	0,003	0,009	0,115	FALSE
-0,048	0,296	-0,001	0,008	0,044	FALSE
-0,119	0,305	-0,002	0,007	0,123	FALSE
0,109	0,317	0,004	0,013	0,136	FALSE
-0,121	0,301	-0,004	0,009	0,169	FALSE
-0,113	0,293	-0,004	0,010	0,141	FALSE
-0,009	0,308	0,000	0,010	0,005	FALSE
-0,111	0,293	-0,005	0,010	0,191	FALSE
0,147	0,308	0,005	0,010	0,207	FALSE
0,172	0,302	0,005	0,008	0,262	FALSE

-0,094	0,300	-0,002	0,007	0,140	FALSE
-0,041	0,313	-0,001	0,007	0,062	FALSE
-0,075	0,315	-0,003	0,013	0,085	FALSE
-0,093	0,318	-0,002	0,011	0,084	FALSE
-0,116	0,307	-0,003	0,008	0,122	FALSE
0,100	0,301	0,004	0,008	0,190	FALSE
0,001	0,320	0,001	0,010	0,038	FALSE
0,085	0,312	0,002	0,008	0,117	FALSE
-0,049	0,318	-0,002	0,012	0,047	FALSE
0,189	0,301	0,005	0,007	0,270	FALSE
0,032	0,309	0,001	0,012	0,029	FALSE
-0,026	0,321	0,000	0,009	0,009	FALSE
0,063	0,294	0,004	0,011	0,131	FALSE
-0,082	0,300	-0,004	0,011	0,140	FALSE
-0,037	0,317	-0,002	0,013	0,062	FALSE
-0,016	0,306	-0,001	0,012	0,034	FALSE
0,054	0,306	0,001	0,006	0,087	FALSE
-0,066	0,315	-0,002	0,006	0,097	FALSE
-0,036	0,303	0,000	0,007	0,024	FALSE
-0,105	0,293	-0,003	0,013	0,080	FALSE
-0,124	0,305	-0,004	0,012	0,127	FALSE
-0,001	0,318	-0,001	0,009	0,032	FALSE
0,102	0,310	0,003	0,010	0,108	FALSE
-0,151	0,302	-0,005	0,012	0,185	FALSE
0,040	0,307	0,000	0,008	0,022	FALSE
0,069	0,313	0,002	0,007	0,094	FALSE
0,145	0,293	0,004	0,009	0,182	FALSE
-0,175	0,287	-0,007	0,011	0,268	FALSE
0,024	0,312	0,001	0,011	0,041	FALSE
0,052	0,299	0,003	0,013	0,074	FALSE
-0,129	0,291	-0,007	0,012	0,253	FALSE
0,089	0,302	0,004	0,012	0,132	FALSE
0,001	0,315	0,001	0,013	0,040	FALSE
0,045	0,309	0,000	0,007	0,018	FALSE
-0,030	0,305	-0,001	0,007	0,031	FALSE
-0,123	0,313	-0,006	0,013	0,189	FALSE
0,063	0,297	0,001	0,007	0,035	FALSE
-0,052	0,304	-0,001	0,007	0,052	FALSE
0,105	0,305	0,003	0,010	0,121	FALSE
0,032	0,310	0,001	0,006	0,046	FALSE
0,049	0,307	0,001	0,009	0,039	FALSE
-0,005	0,316	-0,001	0,012	0,029	FALSE
-0,034	0,316	-0,002	0,013	0,045	FALSE
0,008	0,304	0,000	0,006	0,018	FALSE
-0,102	0,312	-0,002	0,008	0,104	FALSE
0,046	0,307	0,001	0,007	0,043	FALSE
0,025	0,307	0,001	0,008	0,030	FALSE
0,056	0,299	0,001	0,007	0,082	FALSE
0,059	0,302	0,001	0,006	0,082	FALSE
-0,042	0,317	-0,001	0,009	0,042	FALSE
-0,061	0,296	-0,002	0,012	0,056	FALSE
0,071	0,310	0,004	0,013	0,106	FALSE
0,014	0,309	0,000	0,008	0,019	FALSE

-0,072	0,313	-0,003	0,013	0,106	FALSE
-0,010	0,312	-0,001	0,010	0,022	FALSE
0,008	0,303	0,001	0,007	0,039	FALSE
-0,050	0,301	-0,001	0,009	0,033	FALSE
0,167	0,286	0,006	0,010	0,262	FALSE
-0,050	0,303	-0,002	0,006	0,091	FALSE
0,107	0,314	0,003	0,008	0,149	FALSE
-0,164	0,302	-0,007	0,012	0,241	FALSE
-0,144	0,306	-0,005	0,011	0,183	FALSE
0,082	0,303	0,002	0,011	0,081	FALSE
0,016	0,317	0,000	0,008	0,007	FALSE
0,030	0,313	0,002	0,013	0,060	FALSE
-0,027	0,314	-0,001	0,010	0,042	FALSE
0,001	0,316	0,001	0,008	0,025	FALSE
-0,088	0,309	-0,003	0,010	0,130	FALSE
-0,035	0,300	0,000	0,011	0,012	FALSE
-0,018	0,293	0,000	0,011	0,005	FALSE
0,118	0,292	0,003	0,007	0,167	FALSE
0,013	0,315	0,000	0,012	0,010	FALSE
0,029	0,310	0,001	0,010	0,026	FALSE
0,002	0,302	0,000	0,008	0,008	FALSE
-0,003	0,306	0,000	0,007	0,005	FALSE
-0,087	0,320	-0,003	0,009	0,123	FALSE
-0,002	0,301	0,000	0,009	0,019	FALSE
0,027	0,301	0,001	0,008	0,035	FALSE
-0,018	0,304	0,000	0,013	0,000	FALSE
-0,095	0,327	-0,003	0,009	0,119	FALSE
-0,024	0,291	-0,001	0,007	0,058	FALSE
-0,119	0,317	-0,005	0,011	0,180	FALSE
-0,016	0,298	0,000	0,009	0,000	FALSE
-0,071	0,301	-0,002	0,007	0,111	FALSE
-0,050	0,298	-0,002	0,011	0,076	FALSE
-0,095	0,308	-0,003	0,013	0,093	FALSE
-0,092	0,318	-0,003	0,011	0,113	FALSE
-0,022	0,303	-0,001	0,006	0,043	FALSE
0,110	0,293	0,003	0,009	0,110	FALSE
0,004	0,307	0,000	0,009	0,017	FALSE
-0,018	0,295	-0,001	0,012	0,029	FALSE
-0,005	0,308	0,000	0,007	0,002	FALSE
-0,086	0,293	-0,004	0,012	0,109	FALSE
-0,097	0,300	-0,002	0,008	0,112	FALSE
0,033	0,311	0,001	0,009	0,048	FALSE
-0,050	0,316	-0,002	0,010	0,069	FALSE
-0,007	0,304	0,000	0,008	0,013	FALSE
0,028	0,310	0,001	0,007	0,029	FALSE
0,049	0,309	0,002	0,011	0,081	FALSE
0,083	0,313	0,002	0,006	0,120	FALSE
-0,071	0,303	-0,001	0,006	0,071	FALSE
-0,002	0,301	0,000	0,009	0,011	FALSE
-0,077	0,298	-0,002	0,009	0,084	FALSE
-0,087	0,298	-0,005	0,012	0,164	FALSE
0,033	0,319	0,001	0,010	0,036	FALSE
0,050	0,308	0,002	0,011	0,066	FALSE

0,051	0,308	0,002	0,011	0,060	FALSE
0,022	0,298	0,000	0,010	0,000	FALSE
-0,014	0,314	0,000	0,007	0,017	FALSE
-0,102	0,308	-0,005	0,013	0,162	FALSE
0,077	0,301	0,003	0,012	0,108	FALSE
0,092	0,312	0,002	0,008	0,078	FALSE
0,066	0,314	0,003	0,012	0,094	FALSE
0,011	0,297	-0,001	0,012	0,016	FALSE
0,012	0,293	-0,001	0,012	0,020	FALSE
0,023	0,298	-0,001	0,012	0,016	FALSE
-0,035	0,310	-0,001	0,009	0,044	FALSE
-0,030	0,309	-0,001	0,008	0,046	FALSE
0,002	0,306	-0,001	0,009	0,028	FALSE
0,084	0,295	0,002	0,011	0,080	FALSE
0,124	0,300	0,004	0,008	0,178	FALSE
0,071	0,304	0,002	0,007	0,094	FALSE
0,124	0,293	0,005	0,012	0,163	FALSE
-0,015	0,318	0,000	0,008	0,006	FALSE
-0,177	0,308	-0,005	0,008	0,281	FALSE
0,055	0,306	0,003	0,012	0,086	FALSE
-0,041	0,307	-0,001	0,010	0,043	FALSE
-0,007	0,305	0,000	0,007	0,009	FALSE
0,058	0,311	0,002	0,012	0,072	FALSE
0,096	0,305	0,003	0,009	0,112	FALSE
-0,176	0,301	-0,007	0,011	0,250	FALSE
0,114	0,298	0,003	0,009	0,137	FALSE
0,111	0,294	0,003	0,009	0,118	FALSE
-0,139	0,293	-0,006	0,011	0,224	FALSE
-0,086	0,298	-0,001	0,008	0,051	FALSE
0,051	0,300	0,001	0,011	0,047	FALSE
0,018	0,309	0,000	0,011	0,016	FALSE
-0,004	0,306	0,000	0,012	0,015	FALSE
-0,069	0,310	-0,002	0,011	0,067	FALSE
0,040	0,313	0,001	0,008	0,057	FALSE
0,024	0,309	0,000	0,007	0,007	FALSE
-0,130	0,301	-0,005	0,012	0,179	FALSE
-0,211	0,303	-0,009	0,012	0,349	FALSE
-0,015	0,298	0,000	0,007	0,015	FALSE
0,032	0,295	0,001	0,012	0,036	FALSE
-0,032	0,298	-0,001	0,012	0,040	FALSE
-0,063	0,307	-0,002	0,006	0,097	FALSE
-0,167	0,306	-0,005	0,008	0,252	FALSE
-0,049	0,306	-0,001	0,009	0,060	FALSE
-0,058	0,316	-0,002	0,007	0,087	FALSE
-0,042	0,317	-0,002	0,010	0,063	FALSE
0,109	0,308	0,004	0,011	0,146	FALSE
0,037	0,301	0,000	0,012	0,005	FALSE
0,023	0,302	0,000	0,010	0,006	FALSE
-0,102	0,296	-0,004	0,011	0,150	FALSE
-0,081	0,306	-0,002	0,012	0,074	FALSE
-0,010	0,308	0,000	0,008	0,016	FALSE
-0,106	0,300	-0,004	0,011	0,149	FALSE
-0,058	0,299	-0,002	0,010	0,092	FALSE

-0,076	0,319	-0,003	0,012	0,105	FALSE
0,055	0,298	0,001	0,007	0,078	FALSE
-0,097	0,311	-0,002	0,008	0,120	FALSE
0,052	0,298	0,003	0,012	0,091	FALSE
-0,030	0,316	-0,001	0,009	0,041	FALSE
0,012	0,309	0,000	0,007	0,021	FALSE
-0,024	0,303	-0,001	0,007	0,032	FALSE
-0,090	0,302	-0,005	0,013	0,144	FALSE
0,067	0,301	0,002	0,008	0,078	FALSE
0,011	0,307	0,000	0,013	0,002	FALSE
0,088	0,306	0,002	0,008	0,080	FALSE
0,099	0,301	0,003	0,009	0,141	FALSE
-0,064	0,297	-0,001	0,012	0,044	FALSE
0,038	0,305	0,001	0,007	0,063	FALSE
0,064	0,302	0,002	0,008	0,083	FALSE
0,155	0,305	0,004	0,010	0,184	FALSE
-0,106	0,295	-0,002	0,008	0,117	FALSE
0,054	0,310	0,003	0,013	0,077	FALSE
-0,073	0,295	-0,002	0,007	0,093	FALSE
-0,036	0,318	0,000	0,009	0,015	FALSE
-0,030	0,309	-0,001	0,007	0,048	FALSE
0,125	0,301	0,005	0,013	0,146	FALSE
-0,101	0,319	-0,003	0,010	0,124	FALSE
-0,009	0,305	0,000	0,009	0,009	FALSE
0,021	0,296	0,002	0,011	0,061	FALSE
0,008	0,308	0,001	0,011	0,046	FALSE
0,015	0,309	0,001	0,011	0,048	FALSE
0,028	0,300	0,002	0,011	0,062	FALSE
0,060	0,312	0,001	0,007	0,054	FALSE
0,012	0,313	0,000	0,013	0,011	FALSE
-0,099	0,314	-0,002	0,007	0,138	FALSE
-0,033	0,299	-0,001	0,007	0,039	FALSE
0,048	0,297	0,001	0,010	0,050	FALSE
0,046	0,299	0,001	0,010	0,050	FALSE
-0,033	0,302	-0,002	0,012	0,047	FALSE
0,098	0,311	0,002	0,006	0,130	FALSE
0,042	0,313	0,001	0,006	0,051	FALSE
0,018	0,305	0,001	0,008	0,036	FALSE
-0,072	0,312	-0,003	0,012	0,098	FALSE
-0,030	0,289	-0,001	0,008	0,038	FALSE
-0,044	0,321	-0,003	0,013	0,078	FALSE
-0,052	0,318	-0,002	0,012	0,061	FALSE
-0,026	0,321	-0,001	0,013	0,028	FALSE
-0,114	0,320	-0,004	0,013	0,138	FALSE
-0,117	0,316	-0,004	0,013	0,133	FALSE
0,114	0,300	0,004	0,013	0,136	FALSE
-0,028	0,306	0,000	0,007	0,008	FALSE
-0,067	0,285	-0,001	0,008	0,068	FALSE
0,005	0,314	0,000	0,007	0,021	FALSE
-0,178	0,302	-0,004	0,006	0,261	FALSE
-0,172	0,291	-0,003	0,006	0,245	FALSE
-0,148	0,306	-0,003	0,007	0,182	FALSE
-0,140	0,305	-0,003	0,007	0,187	FALSE

-0,038	0,314	-0,001	0,013	0,032	FALSE
0,183	0,304	0,007	0,012	0,236	FALSE
-0,061	0,313	-0,002	0,013	0,057	FALSE
0,057	0,290	0,002	0,008	0,077	FALSE
0,094	0,317	0,003	0,010	0,132	FALSE
-0,096	0,292	-0,002	0,007	0,117	FALSE
0,065	0,321	0,003	0,014	0,091	FALSE
-0,182	0,293	-0,009	0,013	0,316	FALSE
0,059	0,312	0,002	0,012	0,056	FALSE
0,058	0,305	0,002	0,012	0,061	FALSE
-0,072	0,303	-0,003	0,011	0,108	FALSE
-0,001	0,322	0,000	0,011	0,007	FALSE
-0,070	0,300	-0,001	0,013	0,036	FALSE
0,069	0,299	0,001	0,012	0,038	FALSE
-0,021	0,312	0,000	0,008	0,010	FALSE
-0,048	0,300	-0,001	0,006	0,081	FALSE
0,017	0,317	0,001	0,009	0,033	FALSE
0,062	0,309	0,003	0,010	0,101	FALSE
-0,089	0,310	-0,003	0,009	0,137	FALSE
0,026	0,302	0,001	0,010	0,028	FALSE
-0,056	0,304	-0,002	0,009	0,080	FALSE
0,057	0,303	0,002	0,008	0,073	FALSE
0,000	0,303	-0,001	0,012	0,028	FALSE
0,034	0,313	0,001	0,011	0,024	FALSE
-0,038	0,305	0,000	0,008	0,019	FALSE
-0,100	0,313	-0,004	0,012	0,131	FALSE
-0,035	0,298	-0,002	0,008	0,073	FALSE
0,099	0,301	0,004	0,011	0,131	FALSE
0,095	0,306	0,002	0,007	0,128	FALSE
0,077	0,327	0,003	0,013	0,094	FALSE
0,040	0,292	0,001	0,007	0,067	FALSE
0,076	0,307	0,001	0,007	0,078	FALSE
0,060	0,304	0,001	0,008	0,042	FALSE
0,045	0,297	0,001	0,008	0,034	FALSE
0,004	0,321	0,000	0,008	0,006	FALSE
-0,079	0,310	-0,002	0,009	0,092	FALSE
0,018	0,309	0,001	0,011	0,047	FALSE
0,082	0,312	0,003	0,013	0,089	FALSE
0,062	0,302	0,003	0,013	0,082	FALSE
0,080	0,306	0,004	0,013	0,103	FALSE
0,006	0,302	0,000	0,006	0,021	FALSE
0,047	0,301	0,003	0,013	0,081	FALSE
-0,003	0,314	0,000	0,008	0,012	FALSE
0,026	0,315	0,002	0,012	0,052	FALSE
-0,009	0,306	0,000	0,009	0,006	FALSE
-0,038	0,313	-0,001	0,009	0,034	FALSE
0,016	0,316	0,001	0,008	0,032	FALSE
0,089	0,304	0,003	0,011	0,121	FALSE
-0,031	0,306	-0,002	0,010	0,058	FALSE
-0,003	0,319	0,000	0,012	0,000	FALSE
-0,001	0,315	0,000	0,011	0,014	FALSE
-0,027	0,316	-0,001	0,008	0,037	FALSE
0,069	0,317	0,003	0,012	0,089	FALSE

-0,011	0,308	0,000	0,010	0,002	FALSE
0,029	0,306	0,001	0,010	0,024	FALSE
0,012	0,306	0,001	0,012	0,025	FALSE
-0,028	0,310	-0,001	0,008	0,034	FALSE
-0,098	0,308	-0,003	0,009	0,107	FALSE
0,026	0,313	0,001	0,013	0,023	FALSE
-0,008	0,311	0,000	0,008	0,015	FALSE
-0,106	0,307	-0,003	0,008	0,121	FALSE
-0,061	0,302	-0,001	0,008	0,058	FALSE
-0,055	0,304	-0,002	0,012	0,070	FALSE
0,134	0,294	0,004	0,008	0,195	FALSE
0,117	0,327	0,004	0,011	0,145	FALSE
0,061	0,310	0,002	0,008	0,084	FALSE
-0,012	0,316	0,000	0,009	0,018	FALSE
-0,113	0,298	-0,002	0,008	0,082	FALSE
0,023	0,306	0,001	0,013	0,029	FALSE
-0,024	0,305	-0,001	0,008	0,031	FALSE
0,101	0,295	0,003	0,010	0,126	FALSE
-0,020	0,295	-0,001	0,008	0,034	FALSE
0,091	0,310	0,003	0,011	0,115	FALSE
-0,062	0,308	-0,003	0,012	0,101	FALSE
-0,072	0,284	-0,003	0,011	0,092	FALSE
-0,084	0,298	-0,002	0,009	0,075	FALSE
-0,011	0,313	0,000	0,013	0,007	FALSE
0,136	0,313	0,005	0,012	0,179	FALSE
-0,033	0,321	-0,001	0,009	0,053	FALSE
0,003	0,312	0,000	0,006	0,025	FALSE
0,080	0,307	0,002	0,007	0,113	FALSE
-0,099	0,305	-0,003	0,010	0,115	FALSE
-0,020	0,311	-0,001	0,009	0,022	FALSE
-0,080	0,313	-0,002	0,010	0,086	FALSE
0,006	0,310	0,000	0,010	0,012	FALSE
-0,007	0,285	-0,001	0,009	0,032	FALSE
0,084	0,304	0,004	0,010	0,155	FALSE
0,146	0,291	0,005	0,009	0,250	FALSE
-0,110	0,319	-0,004	0,012	0,142	FALSE
-0,139	0,322	-0,006	0,012	0,187	FALSE
0,117	0,301	0,003	0,008	0,181	FALSE
-0,021	0,302	-0,001	0,007	0,048	FALSE
0,097	0,298	0,004	0,011	0,144	FALSE
0,070	0,299	0,002	0,009	0,092	FALSE
0,035	0,307	0,001	0,006	0,047	FALSE
-0,009	0,321	0,000	0,008	0,011	FALSE
0,077	0,313	0,003	0,010	0,117	FALSE
-0,127	0,297	-0,004	0,009	0,177	FALSE
0,033	0,307	0,002	0,012	0,076	FALSE
-0,010	0,295	0,001	0,013	0,031	FALSE
0,087	0,307	0,002	0,007	0,118	FALSE
0,055	0,309	0,002	0,010	0,087	FALSE
-0,079	0,310	-0,002	0,009	0,095	FALSE
0,112	0,304	0,003	0,008	0,119	FALSE
-0,104	0,299	-0,002	0,007	0,113	FALSE
0,032	0,298	0,000	0,007	0,022	FALSE

-0,029	0,288	0,000	0,007	0,012	FALSE
0,018	0,307	0,001	0,012	0,018	FALSE
0,111	0,314	0,003	0,007	0,145	FALSE
-0,052	0,306	-0,002	0,011	0,078	FALSE
-0,052	0,307	-0,001	0,007	0,048	FALSE
-0,036	0,308	-0,001	0,007	0,048	FALSE
-0,096	0,309	-0,002	0,007	0,092	FALSE
0,045	0,319	0,001	0,011	0,034	FALSE
-0,051	0,312	-0,001	0,007	0,056	FALSE
-0,034	0,314	-0,001	0,007	0,042	FALSE
-0,118	0,318	-0,003	0,007	0,164	FALSE
-0,070	0,320	-0,002	0,012	0,064	FALSE
0,052	0,298	0,001	0,012	0,029	FALSE
-0,002	0,315	0,000	0,012	0,009	FALSE
0,066	0,295	0,001	0,008	0,063	FALSE
0,034	0,310	0,001	0,012	0,042	FALSE
0,092	0,304	0,003	0,010	0,108	FALSE
0,175	0,304	0,006	0,009	0,292	FALSE
0,003	0,314	0,000	0,007	0,014	FALSE
0,033	0,310	0,000	0,007	0,022	FALSE
0,046	0,291	0,003	0,012	0,095	FALSE
0,046	0,305	0,001	0,009	0,057	FALSE
0,045	0,304	0,001	0,008	0,051	FALSE
0,036	0,312	0,000	0,009	0,019	FALSE
0,002	0,308	0,000	0,007	0,002	FALSE
-0,051	0,291	-0,001	0,008	0,059	FALSE
0,016	0,318	0,001	0,010	0,030	FALSE
0,012	0,317	0,000	0,013	0,005	FALSE
-0,117	0,300	-0,004	0,009	0,154	FALSE
-0,136	0,318	-0,003	0,008	0,154	FALSE
0,006	0,310	0,000	0,009	0,006	FALSE
-0,004	0,294	0,000	0,009	0,012	FALSE
-0,089	0,306	-0,003	0,012	0,105	FALSE
-0,094	0,302	-0,002	0,009	0,101	FALSE
0,015	0,314	0,001	0,007	0,025	FALSE
-0,010	0,318	0,000	0,011	0,011	FALSE
-0,024	0,316	-0,001	0,009	0,023	FALSE
-0,134	0,299	-0,005	0,010	0,195	FALSE
-0,045	0,315	-0,003	0,013	0,079	FALSE
-0,066	0,303	-0,003	0,011	0,118	FALSE
0,114	0,305	0,003	0,007	0,158	FALSE
-0,002	0,321	0,000	0,010	0,004	FALSE
-0,073	0,313	-0,002	0,008	0,090	FALSE
0,071	0,295	0,001	0,009	0,063	FALSE
0,026	0,303	0,000	0,009	0,001	FALSE
0,108	0,286	0,004	0,013	0,139	FALSE
0,029	0,313	0,001	0,009	0,051	FALSE
-0,074	0,306	-0,003	0,012	0,089	FALSE
-0,003	0,306	0,001	0,008	0,028	FALSE
-0,095	0,309	-0,002	0,007	0,118	FALSE
0,069	0,311	0,002	0,010	0,082	FALSE
0,151	0,305	0,003	0,007	0,211	FALSE
0,058	0,300	0,002	0,009	0,085	FALSE

-0,049	0,301	-0,001	0,010	0,041	FALSE
0,013	0,317	0,001	0,010	0,041	FALSE
-0,153	0,304	-0,004	0,008	0,216	FALSE
0,009	0,309	0,000	0,012	0,014	FALSE
-0,023	0,317	-0,002	0,013	0,061	FALSE
-0,023	0,288	0,000	0,009	0,019	FALSE
-0,034	0,326	-0,002	0,013	0,058	FALSE
0,046	0,308	0,001	0,008	0,047	FALSE
-0,060	0,315	-0,002	0,009	0,062	FALSE
-0,080	0,312	-0,003	0,010	0,111	FALSE
-0,065	0,311	-0,001	0,006	0,065	FALSE
-0,104	0,309	-0,004	0,011	0,130	FALSE
-0,008	0,309	0,000	0,010	0,004	FALSE
0,219	0,290	0,007	0,008	0,378	FALSE
0,047	0,286	0,001	0,011	0,043	FALSE
-0,120	0,305	-0,005	0,012	0,171	FALSE
-0,110	0,308	-0,004	0,012	0,128	FALSE
-0,040	0,318	-0,002	0,012	0,062	FALSE
-0,018	0,317	-0,001	0,012	0,019	FALSE
-0,170	0,303	-0,004	0,008	0,243	FALSE
0,164	0,294	0,005	0,008	0,279	FALSE
-0,047	0,300	-0,001	0,006	0,044	FALSE
-0,013	0,310	0,000	0,007	0,014	FALSE
0,102	0,312	0,003	0,010	0,111	FALSE
-0,053	0,312	-0,001	0,008	0,054	FALSE
-0,088	0,304	-0,002	0,007	0,110	FALSE
0,042	0,301	0,001	0,010	0,049	FALSE
0,020	0,304	0,001	0,011	0,021	FALSE
-0,017	0,310	0,000	0,011	0,014	FALSE
0,105	0,306	0,003	0,007	0,150	FALSE
0,002	0,313	0,000	0,009	0,002	FALSE
0,022	0,316	0,001	0,008	0,027	FALSE
0,076	0,316	0,002	0,008	0,085	FALSE
0,019	0,310	0,001	0,006	0,039	FALSE
-0,034	0,312	-0,001	0,009	0,032	FALSE
0,027	0,302	0,001	0,011	0,018	FALSE
0,066	0,304	0,002	0,007	0,120	FALSE
-0,017	0,313	-0,001	0,012	0,022	FALSE
0,000	0,315	0,000	0,010	0,009	FALSE
-0,061	0,286	-0,003	0,010	0,109	FALSE
-0,088	0,308	-0,004	0,013	0,134	FALSE
0,007	0,303	0,001	0,008	0,025	FALSE
-0,081	0,296	-0,005	0,013	0,159	FALSE
0,017	0,306	-0,001	0,012	0,018	FALSE
0,046	0,309	0,001	0,012	0,022	FALSE
-0,056	0,305	-0,001	0,011	0,036	FALSE
-0,078	0,329	-0,002	0,007	0,080	FALSE
-0,059	0,292	-0,001	0,008	0,053	FALSE
0,033	0,295	0,002	0,007	0,075	FALSE
-0,022	0,296	0,000	0,008	0,010	FALSE
-0,056	0,300	-0,003	0,011	0,086	FALSE
-0,016	0,317	-0,001	0,009	0,028	FALSE
-0,010	0,328	-0,001	0,011	0,021	FALSE

-0,097	0,319	-0,002	0,008	0,104	FALSE
0,046	0,306	0,001	0,006	0,060	FALSE
0,027	0,306	0,001	0,010	0,050	FALSE
0,132	0,317	0,003	0,007	0,175	FALSE
0,024	0,299	0,001	0,009	0,028	FALSE
0,042	0,310	0,002	0,012	0,075	FALSE
-0,013	0,307	0,000	0,007	0,007	FALSE
-0,052	0,307	-0,002	0,012	0,053	FALSE
-0,038	0,317	-0,002	0,012	0,061	FALSE
0,050	0,309	0,002	0,009	0,075	FALSE
-0,035	0,306	-0,001	0,008	0,047	FALSE
0,081	0,304	0,002	0,007	0,101	FALSE
-0,039	0,304	-0,001	0,006	0,065	FALSE
0,070	0,327	0,002	0,007	0,085	FALSE
0,063	0,304	0,002	0,007	0,097	FALSE
0,030	0,315	0,001	0,007	0,044	FALSE
-0,087	0,312	-0,002	0,010	0,084	FALSE
-0,097	0,302	-0,002	0,010	0,098	FALSE
-0,051	0,321	-0,001	0,007	0,059	FALSE
0,013	0,305	0,000	0,013	0,009	FALSE
-0,047	0,304	-0,001	0,008	0,053	FALSE
-0,061	0,300	-0,001	0,008	0,071	FALSE
0,024	0,291	0,001	0,009	0,025	FALSE
0,103	0,295	0,004	0,011	0,149	FALSE
0,108	0,294	0,004	0,011	0,161	FALSE
-0,055	0,302	-0,002	0,009	0,069	FALSE
0,054	0,307	0,001	0,007	0,081	FALSE
0,089	0,316	0,002	0,008	0,092	FALSE
-0,002	0,315	-0,001	0,009	0,020	FALSE
0,063	0,311	0,002	0,008	0,081	FALSE
-0,021	0,304	0,001	0,011	0,017	FALSE
-0,116	0,311	-0,005	0,012	0,181	FALSE
0,004	0,308	0,001	0,010	0,036	FALSE
-0,039	0,302	0,000	0,008	0,021	FALSE
-0,049	0,306	-0,001	0,008	0,068	FALSE
0,039	0,304	0,001	0,013	0,024	FALSE
0,032	0,312	0,002	0,012	0,058	FALSE
0,006	0,310	0,000	0,011	0,009	FALSE
0,003	0,304	0,000	0,010	0,009	FALSE
-0,036	0,318	0,000	0,007	0,023	FALSE
-0,044	0,311	-0,003	0,013	0,083	FALSE
-0,011	0,296	-0,001	0,012	0,030	FALSE
0,016	0,296	0,000	0,012	0,003	FALSE
0,039	0,292	0,002	0,009	0,086	FALSE
0,003	0,315	0,001	0,007	0,027	FALSE
-0,013	0,309	-0,001	0,013	0,026	FALSE
-0,091	0,323	-0,002	0,007	0,101	FALSE
-0,037	0,310	-0,001	0,012	0,042	FALSE
0,042	0,299	0,002	0,011	0,066	FALSE
0,009	0,305	0,000	0,010	0,006	FALSE
-0,074	0,296	-0,001	0,007	0,083	FALSE
-0,090	0,310	-0,002	0,007	0,097	FALSE
-0,027	0,284	-0,002	0,009	0,071	FALSE

0,096	0,309	0,003	0,008	0,138	FALSE
0,096	0,314	0,002	0,008	0,105	FALSE
-0,004	0,308	0,000	0,009	0,019	FALSE
-0,152	0,298	-0,005	0,011	0,211	FALSE
-0,063	0,303	-0,001	0,006	0,060	FALSE
-0,053	0,304	-0,001	0,007	0,044	FALSE
0,062	0,306	0,001	0,008	0,057	FALSE
0,080	0,321	0,003	0,012	0,081	FALSE
0,089	0,315	0,003	0,008	0,132	FALSE
0,022	0,313	0,001	0,010	0,039	FALSE
0,086	0,301	0,002	0,006	0,136	FALSE
-0,032	0,299	-0,001	0,007	0,056	FALSE
-0,057	0,316	-0,002	0,011	0,062	FALSE
0,077	0,312	0,002	0,007	0,120	FALSE
0,038	0,316	0,001	0,013	0,042	FALSE
0,170	0,298	0,005	0,010	0,220	FALSE
0,001	0,317	0,000	0,009	0,011	FALSE
-0,078	0,302	-0,003	0,012	0,097	FALSE
0,069	0,301	0,002	0,010	0,070	FALSE
-0,079	0,313	-0,002	0,007	0,097	FALSE
0,069	0,304	0,002	0,010	0,059	FALSE
0,035	0,304	0,001	0,010	0,037	FALSE
0,062	0,305	0,002	0,010	0,066	FALSE
-0,036	0,309	-0,001	0,008	0,051	FALSE
-0,081	0,304	-0,002	0,008	0,107	FALSE
0,011	0,307	0,000	0,012	0,000	FALSE
0,065	0,314	0,002	0,007	0,078	FALSE
-0,068	0,282	-0,002	0,010	0,083	FALSE
0,121	0,291	0,005	0,009	0,223	FALSE
-0,090	0,326	-0,003	0,011	0,107	FALSE
-0,070	0,314	-0,002	0,007	0,108	FALSE
0,112	0,303	0,004	0,009	0,179	FALSE
0,041	0,309	0,001	0,008	0,047	FALSE
0,160	0,298	0,004	0,006	0,292	FALSE
-0,125	0,306	-0,004	0,010	0,157	FALSE
0,098	0,322	0,004	0,012	0,136	FALSE
0,124	0,301	0,006	0,012	0,193	FALSE
0,039	0,292	0,001	0,006	0,071	FALSE
-0,040	0,281	-0,002	0,012	0,072	FALSE
-0,016	0,300	-0,001	0,012	0,026	FALSE
-0,037	0,310	-0,001	0,008	0,054	FALSE
-0,054	0,316	-0,001	0,012	0,041	FALSE
0,049	0,310	0,002	0,013	0,046	FALSE
-0,075	0,305	-0,002	0,008	0,106	FALSE
0,117	0,302	0,002	0,006	0,152	FALSE
-0,147	0,309	-0,004	0,007	0,197	FALSE
-0,028	0,297	-0,001	0,009	0,022	FALSE
0,111	0,310	0,003	0,010	0,126	FALSE
0,032	0,318	0,000	0,008	0,021	FALSE
0,019	0,318	0,000	0,010	0,017	FALSE
-0,176	0,309	-0,007	0,013	0,249	FALSE
0,143	0,305	0,006	0,012	0,192	FALSE
-0,121	0,318	-0,002	0,007	0,141	FALSE

0,000	0,307	0,000	0,008	0,016	FALSE
-0,031	0,311	-0,001	0,010	0,039	FALSE
0,048	0,309	0,001	0,010	0,046	FALSE
0,073	0,319	0,003	0,011	0,092	FALSE
0,022	0,297	0,002	0,011	0,067	FALSE
-0,001	0,312	0,001	0,012	0,026	FALSE
0,027	0,309	0,002	0,012	0,068	FALSE
-0,055	0,301	0,000	0,007	0,014	FALSE
0,022	0,308	0,001	0,006	0,055	FALSE
-0,002	0,300	0,001	0,006	0,036	FALSE
0,035	0,309	0,002	0,010	0,073	FALSE
0,043	0,291	0,001	0,010	0,028	FALSE
-0,049	0,296	-0,001	0,009	0,060	FALSE
0,056	0,302	0,002	0,008	0,096	FALSE
0,011	0,318	0,001	0,008	0,025	FALSE
0,069	0,306	0,003	0,013	0,083	FALSE
0,054	0,305	0,002	0,012	0,069	FALSE
0,038	0,295	0,001	0,012	0,033	FALSE
-0,026	0,318	-0,001	0,009	0,036	FALSE
0,070	0,302	0,002	0,007	0,078	FALSE
0,038	0,310	0,001	0,008	0,041	FALSE
-0,017	0,292	0,000	0,006	0,009	FALSE
0,018	0,294	0,000	0,008	0,013	FALSE
0,012	0,301	0,000	0,011	0,005	FALSE
0,059	0,309	0,002	0,010	0,067	FALSE
-0,171	0,310	-0,004	0,008	0,227	FALSE
-0,125	0,301	-0,005	0,010	0,190	FALSE
0,006	0,308	-0,001	0,011	0,028	FALSE
0,047	0,319	0,001	0,008	0,054	FALSE
0,084	0,307	0,001	0,007	0,079	FALSE
-0,091	0,314	-0,002	0,007	0,120	FALSE
0,081	0,311	0,001	0,007	0,073	FALSE
-0,064	0,300	-0,001	0,007	0,073	FALSE
-0,006	0,304	0,000	0,007	0,026	FALSE
-0,065	0,313	-0,002	0,011	0,082	FALSE
-0,110	0,303	-0,003	0,008	0,149	FALSE
-0,047	0,320	-0,002	0,013	0,048	FALSE
-0,115	0,299	-0,002	0,007	0,127	FALSE
-0,073	0,308	-0,001	0,010	0,058	FALSE
0,000	0,293	0,000	0,008	0,002	FALSE
-0,137	0,298	-0,006	0,012	0,218	FALSE
-0,165	0,298	-0,007	0,012	0,270	FALSE
-0,141	0,306	-0,006	0,012	0,213	FALSE
-0,127	0,302	-0,006	0,012	0,194	FALSE
-0,134	0,311	-0,006	0,012	0,196	FALSE
-0,140	0,316	-0,004	0,009	0,161	FALSE
-0,012	0,316	0,000	0,013	0,011	FALSE
-0,230	0,290	-0,009	0,012	0,364	FALSE
0,121	0,304	0,004	0,008	0,171	FALSE
-0,101	0,297	-0,004	0,010	0,175	FALSE
0,051	0,314	0,001	0,009	0,057	FALSE
0,037	0,305	0,001	0,007	0,039	FALSE
-0,030	0,312	-0,001	0,009	0,042	FALSE

-0,081	0,318	-0,003	0,013	0,093	FALSE
-0,005	0,315	0,000	0,012	0,007	FALSE
0,050	0,310	0,002	0,008	0,069	FALSE
-0,047	0,307	-0,001	0,009	0,053	FALSE
-0,010	0,291	0,000	0,012	0,014	FALSE
-0,050	0,303	-0,001	0,006	0,037	FALSE
0,062	0,306	0,002	0,010	0,077	FALSE
-0,055	0,314	-0,003	0,013	0,074	FALSE
0,136	0,323	0,004	0,008	0,199	FALSE
0,020	0,324	0,000	0,012	0,013	FALSE
-0,060	0,316	-0,001	0,007	0,076	FALSE
0,065	0,303	0,002	0,009	0,099	FALSE
0,156	0,297	0,005	0,011	0,205	FALSE
-0,104	0,313	-0,003	0,008	0,138	FALSE
-0,045	0,316	-0,001	0,007	0,056	FALSE
-0,002	0,319	0,000	0,006	0,001	FALSE
0,010	0,313	0,000	0,012	0,001	FALSE
0,052	0,305	0,002	0,011	0,053	FALSE
0,059	0,320	0,001	0,011	0,048	FALSE
-0,066	0,302	-0,004	0,013	0,127	FALSE
-0,035	0,311	-0,002	0,013	0,048	FALSE
-0,172	0,304	-0,005	0,008	0,236	FALSE
0,016	0,308	0,000	0,009	0,005	FALSE
0,005	0,304	0,000	0,011	0,012	FALSE
-0,132	0,296	-0,004	0,010	0,152	FALSE
-0,030	0,314	-0,001	0,008	0,023	FALSE
0,027	0,297	0,001	0,008	0,056	FALSE
0,171	0,295	0,004	0,008	0,230	FALSE
0,087	0,302	0,003	0,010	0,102	FALSE
0,045	0,317	0,001	0,013	0,033	FALSE
0,073	0,309	0,002	0,012	0,061	FALSE
0,030	0,308	0,002	0,012	0,046	FALSE
-0,047	0,315	-0,002	0,007	0,087	FALSE
0,143	0,302	0,003	0,007	0,206	FALSE
0,146	0,300	0,005	0,010	0,194	FALSE
-0,141	0,297	-0,004	0,008	0,210	FALSE
0,032	0,299	0,001	0,009	0,054	FALSE
-0,006	0,304	0,000	0,010	0,008	FALSE
-0,084	0,293	-0,002	0,007	0,107	FALSE
-0,123	0,314	-0,004	0,012	0,132	FALSE
0,045	0,302	0,002	0,013	0,072	FALSE
-0,098	0,296	-0,002	0,007	0,091	FALSE
-0,002	0,309	0,001	0,010	0,020	FALSE
0,084	0,295	0,003	0,011	0,124	FALSE
-0,073	0,299	-0,002	0,009	0,076	FALSE
0,079	0,305	0,003	0,012	0,100	FALSE
0,027	0,312	0,001	0,009	0,026	FALSE
-0,071	0,311	-0,002	0,009	0,083	FALSE
-0,115	0,320	-0,003	0,008	0,131	FALSE
-0,050	0,302	-0,002	0,009	0,099	FALSE
0,007	0,321	0,001	0,010	0,032	FALSE
0,007	0,314	0,000	0,011	0,011	FALSE
-0,083	0,312	-0,003	0,012	0,099	FALSE

0,014	0,311	0,001	0,010	0,024	FALSE
0,016	0,318	-0,001	0,012	0,021	FALSE
-0,013	0,308	-0,001	0,010	0,037	FALSE
0,000	0,311	0,000	0,008	0,019	FALSE
-0,017	0,302	-0,001	0,010	0,051	FALSE
0,019	0,288	0,001	0,012	0,022	FALSE
0,023	0,317	0,001	0,009	0,046	FALSE
-0,056	0,302	-0,001	0,006	0,052	FALSE
0,047	0,302	0,002	0,007	0,088	FALSE
0,016	0,297	0,000	0,006	0,017	FALSE
0,019	0,306	0,001	0,008	0,024	FALSE
0,056	0,318	0,002	0,008	0,081	FALSE
-0,023	0,318	-0,001	0,013	0,032	FALSE
0,040	0,308	0,001	0,006	0,039	FALSE
0,068	0,315	0,001	0,007	0,066	FALSE
-0,168	0,303	-0,004	0,008	0,220	FALSE
-0,010	0,308	0,000	0,006	0,008	FALSE
-0,061	0,335	-0,001	0,007	0,054	FALSE
-0,049	0,306	-0,002	0,008	0,076	FALSE
0,030	0,304	0,001	0,007	0,063	FALSE
-0,046	0,295	-0,001	0,009	0,058	FALSE
0,085	0,296	0,002	0,007	0,126	FALSE
-0,097	0,311	-0,003	0,010	0,108	FALSE
-0,052	0,296	-0,002	0,009	0,066	FALSE
0,166	0,299	0,005	0,009	0,241	FALSE
0,056	0,315	0,003	0,011	0,089	FALSE
-0,007	0,302	-0,001	0,010	0,018	FALSE
-0,102	0,306	-0,003	0,009	0,145	FALSE
-0,044	0,301	-0,001	0,008	0,062	FALSE
-0,041	0,306	-0,002	0,011	0,053	FALSE
0,021	0,297	0,000	0,009	0,007	FALSE
-0,061	0,312	-0,001	0,008	0,060	FALSE
0,057	0,311	0,002	0,011	0,077	FALSE
-0,110	0,315	-0,005	0,013	0,145	FALSE
-0,079	0,300	-0,002	0,007	0,110	FALSE
0,004	0,300	0,000	0,008	0,005	FALSE
-0,038	0,312	-0,001	0,011	0,046	FALSE
-0,160	0,304	-0,004	0,007	0,243	FALSE
-0,012	0,321	0,000	0,010	0,013	FALSE
-0,087	0,307	-0,002	0,007	0,101	FALSE
0,008	0,300	-0,001	0,011	0,035	FALSE
0,110	0,303	0,006	0,012	0,206	FALSE
0,081	0,306	0,005	0,013	0,154	FALSE
-0,061	0,303	-0,001	0,010	0,045	FALSE
-0,042	0,302	-0,001	0,010	0,023	FALSE
0,096	0,303	0,003	0,008	0,144	FALSE
-0,018	0,325	-0,001	0,013	0,030	FALSE
0,008	0,312	0,000	0,013	0,003	FALSE
-0,038	0,313	-0,002	0,012	0,046	FALSE
-0,001	0,315	0,000	0,013	0,000	FALSE
0,016	0,312	0,000	0,012	0,014	FALSE
0,001	0,322	0,000	0,013	0,003	FALSE
-0,002	0,305	0,000	0,012	0,003	FALSE

0,005	0,318	-0,001	0,013	0,027	FALSE
-0,088	0,313	-0,003	0,010	0,111	FALSE
0,014	0,314	0,001	0,011	0,034	FALSE
0,085	0,304	0,005	0,013	0,149	FALSE
0,078	0,310	0,002	0,009	0,067	FALSE
0,011	0,298	0,000	0,009	0,000	FALSE
-0,048	0,296	-0,001	0,009	0,043	FALSE
0,029	0,307	0,001	0,007	0,039	FALSE
-0,077	0,319	-0,003	0,013	0,088	FALSE
-0,033	0,319	-0,001	0,010	0,027	FALSE
0,012	0,305	0,001	0,011	0,025	FALSE
0,005	0,300	0,000	0,007	0,021	FALSE
0,003	0,312	0,000	0,011	0,007	FALSE
-0,003	0,303	0,000	0,007	0,008	FALSE
-0,018	0,300	-0,001	0,009	0,034	FALSE
0,104	0,298	0,003	0,006	0,163	FALSE
-0,079	0,298	-0,002	0,007	0,088	FALSE
-0,077	0,301	-0,001	0,007	0,082	FALSE
-0,025	0,309	0,000	0,007	0,009	FALSE
-0,060	0,316	-0,002	0,009	0,069	FALSE
-0,032	0,297	-0,002	0,012	0,064	FALSE
0,004	0,305	0,000	0,011	0,008	FALSE
0,038	0,289	0,000	0,007	0,006	FALSE
-0,079	0,305	-0,002	0,009	0,078	FALSE
-0,033	0,292	-0,001	0,011	0,018	FALSE
0,056	0,292	0,003	0,011	0,125	FALSE
0,040	0,324	0,001	0,009	0,059	FALSE
-0,008	0,300	0,000	0,008	0,001	FALSE
-0,074	0,318	-0,001	0,007	0,063	FALSE
-0,055	0,299	-0,001	0,008	0,059	FALSE
-0,057	0,318	-0,001	0,009	0,043	FALSE
-0,058	0,306	-0,001	0,008	0,053	FALSE
0,120	0,307	0,003	0,008	0,151	FALSE
-0,079	0,289	-0,002	0,007	0,087	FALSE
0,127	0,318	0,005	0,013	0,151	FALSE
-0,098	0,316	-0,002	0,010	0,078	FALSE
0,031	0,323	0,000	0,008	0,012	FALSE
-0,038	0,306	-0,001	0,008	0,043	FALSE
0,138	0,311	0,004	0,009	0,188	FALSE
0,176	0,306	0,005	0,009	0,253	FALSE
0,001	0,314	0,001	0,012	0,021	FALSE
-0,091	0,305	-0,002	0,008	0,108	FALSE
-0,067	0,302	-0,003	0,011	0,088	FALSE
0,021	0,322	0,001	0,012	0,025	FALSE
-0,068	0,302	-0,003	0,011	0,099	FALSE
0,106	0,315	0,004	0,010	0,149	FALSE
0,043	0,300	0,002	0,009	0,074	FALSE
-0,198	0,306	-0,008	0,011	0,316	FALSE
0,057	0,323	0,002	0,008	0,079	FALSE
-0,050	0,307	-0,002	0,013	0,064	FALSE
-0,109	0,314	-0,003	0,009	0,142	FALSE
-0,009	0,309	0,000	0,010	0,002	FALSE
0,098	0,305	0,003	0,011	0,103	FALSE

-0,065	0,323	-0,002	0,012	0,052	FALSE
-0,014	0,307	0,000	0,010	0,003	FALSE
-0,010	0,298	0,000	0,006	0,021	FALSE
0,043	0,308	0,001	0,009	0,026	FALSE
-0,011	0,298	0,000	0,008	0,001	FALSE
-0,009	0,310	0,000	0,007	0,025	FALSE
-0,051	0,312	-0,002	0,010	0,070	FALSE
0,017	0,316	0,002	0,013	0,043	FALSE
-0,002	0,312	0,001	0,013	0,028	FALSE
0,018	0,306	0,002	0,013	0,047	FALSE
0,030	0,279	0,001	0,008	0,040	FALSE
-0,135	0,291	-0,006	0,012	0,189	FALSE
-0,155	0,282	-0,008	0,013	0,261	FALSE
-0,013	0,306	0,000	0,007	0,009	FALSE
-0,083	0,294	-0,001	0,007	0,084	FALSE
0,042	0,296	0,002	0,013	0,044	FALSE
-0,038	0,310	-0,001	0,009	0,047	FALSE
-0,032	0,308	-0,001	0,006	0,034	FALSE
-0,046	0,292	-0,001	0,011	0,035	FALSE
0,076	0,321	0,002	0,010	0,065	FALSE
-0,141	0,311	-0,003	0,008	0,152	FALSE
-0,019	0,308	0,000	0,011	0,011	FALSE
-0,078	0,296	-0,001	0,007	0,069	FALSE
-0,003	0,324	0,000	0,011	0,011	FALSE
0,015	0,323	0,001	0,009	0,028	FALSE
-0,020	0,302	-0,001	0,008	0,026	FALSE
-0,080	0,286	-0,004	0,012	0,122	FALSE
0,040	0,314	0,001	0,007	0,043	FALSE
0,072	0,308	0,002	0,008	0,125	FALSE
-0,005	0,293	0,000	0,011	0,015	FALSE
0,142	0,292	0,007	0,012	0,251	FALSE
-0,071	0,291	-0,003	0,012	0,098	FALSE
-0,169	0,290	-0,008	0,012	0,313	FALSE
0,046	0,315	0,001	0,010	0,052	FALSE
0,012	0,311	0,001	0,009	0,020	FALSE
0,086	0,306	0,002	0,008	0,108	FALSE
0,017	0,294	0,000	0,011	0,003	FALSE
0,032	0,321	0,001	0,013	0,041	FALSE
0,023	0,307	0,000	0,007	0,007	FALSE
-0,013	0,304	0,000	0,007	0,001	FALSE
-0,028	0,323	-0,002	0,011	0,051	FALSE
-0,111	0,313	-0,004	0,011	0,140	FALSE
0,117	0,304	0,002	0,006	0,125	FALSE
-0,015	0,308	0,000	0,007	0,025	FALSE
-0,003	0,311	0,000	0,007	0,004	FALSE
0,083	0,310	0,002	0,007	0,125	FALSE
-0,070	0,296	-0,001	0,006	0,073	FALSE
0,056	0,313	0,002	0,011	0,078	FALSE
-0,047	0,295	-0,001	0,012	0,040	FALSE
-0,096	0,309	-0,002	0,007	0,113	FALSE
0,045	0,322	0,001	0,007	0,042	FALSE
0,052	0,290	0,001	0,012	0,031	FALSE
0,011	0,313	0,001	0,011	0,022	FALSE

0,031	0,293	0,001	0,010	0,032	FALSE
-0,019	0,304	-0,001	0,010	0,027	FALSE
0,068	0,307	0,002	0,007	0,114	FALSE
-0,037	0,313	-0,001	0,007	0,033	FALSE
0,055	0,297	0,002	0,010	0,090	FALSE
0,000	0,304	0,000	0,008	0,011	FALSE
0,093	0,303	0,003	0,011	0,102	FALSE
-0,021	0,314	0,000	0,010	0,017	FALSE
-0,091	0,295	-0,002	0,007	0,091	FALSE
-0,064	0,313	-0,002	0,010	0,090	FALSE
-0,070	0,306	-0,003	0,010	0,112	FALSE
-0,044	0,303	-0,002	0,011	0,073	FALSE
-0,048	0,301	-0,003	0,012	0,087	FALSE
0,130	0,303	0,005	0,013	0,161	FALSE
0,102	0,316	0,004	0,013	0,135	FALSE
0,001	0,305	0,000	0,010	0,008	FALSE
0,019	0,311	0,001	0,011	0,025	FALSE
-0,082	0,320	-0,003	0,009	0,111	FALSE
-0,067	0,301	-0,002	0,008	0,087	FALSE
0,021	0,307	0,002	0,013	0,050	FALSE
0,010	0,314	0,000	0,010	0,006	FALSE
-0,020	0,311	-0,001	0,008	0,032	FALSE
-0,047	0,309	-0,002	0,010	0,060	FALSE
-0,070	0,294	-0,003	0,012	0,084	FALSE
0,005	0,305	0,000	0,010	0,014	FALSE
0,044	0,310	0,001	0,006	0,073	FALSE
0,051	0,306	0,001	0,006	0,083	FALSE
-0,111	0,304	-0,003	0,009	0,133	FALSE
-0,110	0,308	-0,003	0,009	0,127	FALSE
0,112	0,321	0,004	0,010	0,148	FALSE
-0,101	0,310	-0,003	0,009	0,148	FALSE
-0,099	0,301	-0,005	0,012	0,175	FALSE
0,079	0,304	0,003	0,008	0,127	FALSE
-0,096	0,304	-0,003	0,008	0,140	FALSE
-0,198	0,301	-0,007	0,009	0,328	FALSE
0,021	0,305	0,000	0,012	0,014	FALSE
-0,131	0,301	-0,005	0,013	0,163	FALSE
-0,004	0,312	0,000	0,010	0,008	FALSE
-0,092	0,308	-0,002	0,007	0,117	FALSE
0,044	0,320	0,001	0,010	0,036	FALSE
0,059	0,315	0,001	0,007	0,039	FALSE
-0,051	0,302	-0,001	0,007	0,066	FALSE
-0,112	0,294	-0,003	0,009	0,136	FALSE
0,013	0,307	0,000	0,008	0,008	FALSE
0,157	0,290	0,007	0,012	0,244	FALSE
0,216	0,308	0,008	0,011	0,355	FALSE
-0,020	0,308	0,000	0,008	0,009	FALSE
0,156	0,299	0,007	0,012	0,224	FALSE
0,036	0,315	0,001	0,007	0,029	FALSE
-0,020	0,315	-0,001	0,011	0,018	FALSE
0,019	0,321	0,000	0,007	0,014	FALSE
0,027	0,316	0,001	0,007	0,029	FALSE
0,079	0,303	0,001	0,012	0,030	FALSE

-0,002	0,323	0,000	0,010	0,003	FALSE
0,020	0,296	0,000	0,012	0,005	FALSE
-0,097	0,303	-0,003	0,010	0,101	FALSE
-0,027	0,320	-0,001	0,010	0,033	FALSE
0,035	0,306	0,001	0,009	0,031	FALSE
0,085	0,308	0,002	0,007	0,102	FALSE
0,042	0,305	0,001	0,007	0,037	FALSE
0,057	0,316	0,002	0,013	0,056	FALSE
0,100	0,309	0,004	0,012	0,124	FALSE
-0,055	0,317	-0,002	0,013	0,062	FALSE
0,071	0,310	0,003	0,012	0,079	FALSE
-0,027	0,311	-0,001	0,010	0,046	FALSE
0,109	0,316	0,003	0,006	0,177	FALSE
-0,027	0,313	-0,001	0,009	0,030	FALSE
0,041	0,303	0,001	0,009	0,060	FALSE
0,085	0,300	0,002	0,008	0,121	FALSE
-0,020	0,294	-0,001	0,011	0,018	FALSE
0,081	0,310	0,002	0,008	0,095	FALSE
-0,054	0,295	-0,001	0,006	0,077	FALSE
0,005	0,308	0,000	0,013	0,008	FALSE
-0,018	0,309	-0,001	0,013	0,016	FALSE
-0,050	0,294	-0,002	0,010	0,079	FALSE
0,071	0,299	0,002	0,009	0,107	FALSE
-0,079	0,314	-0,002	0,006	0,099	FALSE
-0,119	0,314	-0,004	0,010	0,160	FALSE
-0,005	0,304	0,000	0,012	0,007	FALSE
0,086	0,309	0,003	0,011	0,098	FALSE
-0,027	0,297	-0,001	0,009	0,027	FALSE
0,019	0,304	-0,001	0,012	0,027	FALSE
-0,013	0,299	-0,001	0,008	0,047	FALSE
-0,019	0,297	-0,002	0,011	0,060	FALSE
-0,087	0,324	-0,002	0,008	0,108	FALSE
-0,047	0,318	-0,002	0,012	0,074	FALSE
0,045	0,302	0,001	0,008	0,056	FALSE
0,026	0,312	0,001	0,009	0,047	FALSE
0,109	0,310	0,002	0,007	0,134	FALSE
0,023	0,307	0,001	0,011	0,046	FALSE
-0,031	0,296	-0,001	0,010	0,044	FALSE
0,114	0,304	0,002	0,006	0,137	FALSE
-0,065	0,300	-0,001	0,006	0,077	FALSE
0,041	0,303	0,001	0,007	0,050	FALSE
-0,074	0,312	-0,001	0,006	0,069	FALSE
-0,098	0,311	-0,002	0,011	0,076	FALSE
-0,023	0,316	0,000	0,011	0,014	FALSE
-0,102	0,301	-0,005	0,013	0,153	FALSE
0,043	0,306	0,001	0,006	0,042	FALSE
0,017	0,317	0,001	0,010	0,030	FALSE
-0,065	0,310	-0,001	0,010	0,049	FALSE
-0,031	0,313	0,000	0,010	0,004	FALSE
-0,072	0,303	-0,002	0,009	0,084	FALSE
0,101	0,309	0,002	0,008	0,124	FALSE
-0,183	0,299	-0,008	0,013	0,288	FALSE
0,132	0,310	0,003	0,007	0,178	FALSE

0,064	0,303	0,002	0,008	0,070	FALSE
0,060	0,313	0,002	0,006	0,095	FALSE
-0,049	0,308	-0,001	0,009	0,021	FALSE
-0,031	0,301	-0,001	0,006	0,048	FALSE
-0,058	0,296	-0,001	0,008	0,061	FALSE
0,050	0,295	0,002	0,011	0,065	FALSE
-0,046	0,303	-0,001	0,006	0,053	FALSE
-0,002	0,292	0,000	0,007	0,021	FALSE
-0,005	0,303	-0,001	0,013	0,016	FALSE
-0,003	0,310	0,000	0,011	0,005	FALSE
-0,060	0,315	-0,001	0,006	0,069	FALSE
-0,007	0,297	-0,001	0,013	0,021	FALSE
0,009	0,310	0,000	0,013	0,002	FALSE
-0,085	0,300	-0,002	0,011	0,087	FALSE
0,100	0,316	0,003	0,009	0,140	FALSE
-0,101	0,323	-0,002	0,007	0,130	FALSE
-0,061	0,304	-0,001	0,009	0,049	FALSE
0,065	0,300	0,002	0,010	0,065	FALSE
0,061	0,310	0,002	0,011	0,065	FALSE
-0,083	0,308	-0,002	0,008	0,092	FALSE
0,108	0,308	0,003	0,010	0,130	FALSE
0,004	0,294	0,001	0,009	0,027	FALSE
-0,026	0,318	-0,001	0,007	0,043	FALSE
0,022	0,308	0,001	0,011	0,028	FALSE
-0,144	0,300	-0,004	0,010	0,169	FALSE
-0,049	0,308	-0,002	0,013	0,053	FALSE
-0,003	0,314	0,000	0,009	0,015	FALSE
-0,128	0,294	-0,004	0,008	0,201	FALSE
-0,044	0,306	-0,002	0,012	0,072	FALSE
-0,032	0,292	-0,001	0,009	0,030	FALSE
-0,072	0,320	-0,003	0,011	0,100	FALSE
-0,066	0,307	-0,002	0,012	0,070	FALSE
0,008	0,325	0,000	0,007	0,010	FALSE
-0,027	0,321	-0,001	0,011	0,051	FALSE
-0,051	0,297	-0,002	0,012	0,057	FALSE
-0,055	0,321	-0,001	0,008	0,054	FALSE
0,041	0,323	0,001	0,011	0,040	FALSE
0,021	0,320	0,000	0,010	0,017	FALSE
0,035	0,302	0,001	0,010	0,043	FALSE
0,022	0,309	0,001	0,008	0,047	FALSE
0,080	0,312	0,003	0,011	0,100	FALSE
-0,021	0,304	0,000	0,007	0,010	FALSE
-0,048	0,309	-0,001	0,007	0,069	FALSE
0,112	0,299	0,002	0,008	0,129	FALSE
0,070	0,305	0,003	0,012	0,094	FALSE
-0,048	0,318	-0,003	0,011	0,085	FALSE
-0,035	0,299	-0,002	0,011	0,060	FALSE
-0,153	0,290	-0,004	0,009	0,207	FALSE
-0,022	0,311	-0,001	0,008	0,037	FALSE
-0,015	0,299	0,000	0,008	0,022	FALSE
0,061	0,297	0,004	0,013	0,119	FALSE
-0,016	0,313	-0,001	0,013	0,042	FALSE
-0,074	0,318	-0,002	0,008	0,085	FALSE

0,047	0,314	0,002	0,012	0,073	FALSE
-0,128	0,312	-0,004	0,009	0,172	FALSE
-0,045	0,305	-0,001	0,011	0,026	FALSE
0,114	0,297	0,002	0,006	0,125	FALSE
-0,148	0,297	-0,007	0,012	0,260	FALSE
-0,010	0,300	-0,001	0,011	0,027	FALSE
0,044	0,302	0,001	0,007	0,076	FALSE
-0,153	0,306	-0,006	0,012	0,217	FALSE
-0,042	0,302	-0,002	0,012	0,078	FALSE
0,055	0,318	0,001	0,009	0,038	FALSE
0,076	0,291	0,002	0,012	0,073	FALSE
-0,094	0,310	-0,002	0,010	0,071	FALSE
0,007	0,310	0,001	0,006	0,034	FALSE
0,152	0,302	0,005	0,010	0,196	FALSE
0,073	0,307	0,003	0,011	0,109	FALSE
-0,096	0,303	-0,004	0,013	0,125	FALSE
0,099	0,288	0,002	0,007	0,110	FALSE
0,027	0,299	0,001	0,013	0,014	FALSE
0,039	0,303	0,001	0,007	0,052	FALSE
0,080	0,299	0,003	0,012	0,101	FALSE
-0,109	0,310	-0,004	0,013	0,114	FALSE
0,035	0,307	0,001	0,008	0,050	FALSE
0,023	0,309	0,001	0,012	0,024	FALSE
-0,028	0,297	-0,001	0,011	0,025	FALSE
-0,025	0,313	-0,001	0,012	0,026	FALSE
-0,036	0,311	-0,001	0,012	0,035	FALSE
0,083	0,303	0,002	0,006	0,147	FALSE
0,075	0,300	0,002	0,006	0,123	FALSE
-0,065	0,299	-0,002	0,007	0,092	FALSE
0,067	0,298	0,002	0,009	0,070	FALSE
0,099	0,306	0,003	0,010	0,117	FALSE
-0,013	0,307	-0,001	0,008	0,030	FALSE
0,085	0,304	0,003	0,010	0,101	FALSE
0,083	0,298	0,002	0,010	0,092	FALSE
-0,067	0,313	-0,003	0,013	0,087	FALSE
-0,016	0,305	0,000	0,007	0,020	FALSE
-0,041	0,295	-0,001	0,007	0,047	FALSE
-0,175	0,301	-0,005	0,008	0,238	FALSE
-0,158	0,294	-0,004	0,008	0,225	FALSE
0,004	0,306	0,000	0,008	0,018	FALSE
-0,002	0,313	0,000	0,007	0,015	FALSE
0,017	0,310	0,000	0,007	0,020	FALSE
0,102	0,297	0,002	0,006	0,112	FALSE
-0,061	0,321	-0,001	0,009	0,054	FALSE
-0,061	0,307	-0,001	0,007	0,078	FALSE
-0,020	0,312	-0,001	0,013	0,035	FALSE
-0,027	0,306	0,000	0,006	0,026	FALSE
-0,045	0,321	-0,001	0,009	0,030	FALSE
0,190	0,304	0,007	0,011	0,299	FALSE
-0,007	0,312	0,000	0,010	0,012	FALSE
0,137	0,305	0,005	0,010	0,200	FALSE
0,113	0,308	0,003	0,008	0,156	FALSE
0,029	0,317	0,000	0,007	0,014	FALSE

0,039	0,299	0,001	0,009	0,026	FALSE
-0,025	0,319	-0,001	0,006	0,045	FALSE
0,040	0,308	0,001	0,011	0,036	FALSE
0,019	0,321	0,000	0,009	0,017	FALSE
-0,101	0,312	-0,002	0,008	0,122	FALSE
-0,009	0,299	0,000	0,010	0,012	FALSE
0,055	0,309	0,002	0,009	0,073	FALSE
-0,058	0,302	-0,002	0,009	0,067	FALSE
0,030	0,311	0,001	0,007	0,044	FALSE
-0,034	0,306	-0,001	0,012	0,040	FALSE
0,022	0,319	0,001	0,007	0,031	FALSE
-0,052	0,304	-0,002	0,011	0,052	FALSE
-0,137	0,314	-0,003	0,008	0,164	FALSE
0,041	0,308	0,001	0,008	0,037	FALSE
-0,082	0,286	-0,004	0,013	0,115	FALSE
-0,080	0,309	-0,003	0,009	0,116	FALSE
-0,093	0,292	-0,004	0,012	0,142	FALSE
-0,061	0,307	-0,003	0,012	0,090	FALSE
-0,121	0,302	-0,004	0,009	0,190	FALSE
-0,116	0,312	-0,004	0,009	0,167	FALSE
0,104	0,307	0,005	0,012	0,168	FALSE
-0,129	0,306	-0,004	0,009	0,182	FALSE
0,153	0,288	0,003	0,006	0,192	FALSE
-0,073	0,301	-0,003	0,011	0,111	FALSE
-0,080	0,319	-0,004	0,013	0,105	FALSE
-0,035	0,303	-0,001	0,009	0,053	FALSE
-0,004	0,307	0,001	0,008	0,037	FALSE
0,026	0,312	0,001	0,012	0,018	FALSE
0,012	0,299	0,001	0,011	0,025	FALSE
0,180	0,296	0,006	0,011	0,252	FALSE
0,153	0,310	0,004	0,008	0,193	FALSE
-0,126	0,298	-0,005	0,011	0,174	FALSE
-0,024	0,305	-0,001	0,008	0,037	FALSE
0,055	0,314	0,002	0,010	0,054	FALSE
0,076	0,328	0,003	0,013	0,083	FALSE
0,069	0,309	0,003	0,012	0,086	FALSE
0,045	0,298	0,002	0,011	0,059	FALSE
0,023	0,304	0,001	0,009	0,035	FALSE
0,063	0,318	0,003	0,011	0,106	FALSE
0,022	0,321	0,000	0,007	0,007	FALSE
0,091	0,309	0,003	0,008	0,168	FALSE
-0,014	0,312	-0,001	0,012	0,022	FALSE
0,088	0,299	0,003	0,012	0,107	FALSE
-0,022	0,311	0,000	0,010	0,012	FALSE
0,132	0,306	0,005	0,011	0,178	FALSE
-0,086	0,309	-0,003	0,013	0,097	FALSE
-0,035	0,318	-0,001	0,008	0,056	FALSE
-0,139	0,313	-0,004	0,010	0,177	FALSE
-0,014	0,312	-0,001	0,011	0,030	FALSE
-0,052	0,315	-0,003	0,013	0,077	FALSE
-0,048	0,307	-0,002	0,012	0,065	FALSE
-0,158	0,305	-0,003	0,007	0,192	FALSE
-0,082	0,313	-0,002	0,007	0,099	FALSE

0,037	0,307	0,001	0,008	0,042	FALSE
0,013	0,312	0,000	0,008	0,017	FALSE
0,049	0,307	0,002	0,008	0,089	FALSE
-0,044	0,301	-0,001	0,007	0,028	FALSE
0,157	0,293	0,006	0,012	0,230	FALSE
0,001	0,302	0,000	0,010	0,009	FALSE
-0,125	0,315	-0,004	0,010	0,156	FALSE
0,166	0,306	0,006	0,012	0,214	FALSE
-0,043	0,301	-0,001	0,007	0,046	FALSE
0,160	0,294	0,006	0,010	0,252	FALSE
-0,160	0,305	-0,006	0,010	0,243	FALSE
0,008	0,318	0,000	0,007	0,004	FALSE
0,089	0,302	0,004	0,011	0,131	FALSE
0,124	0,301	0,005	0,012	0,177	FALSE
0,058	0,310	0,001	0,009	0,054	FALSE
0,037	0,305	0,002	0,012	0,064	FALSE
0,057	0,305	0,001	0,007	0,057	FALSE
-0,006	0,309	0,000	0,007	0,005	FALSE
-0,075	0,297	-0,003	0,013	0,102	FALSE
-0,037	0,319	-0,001	0,008	0,066	FALSE
0,032	0,327	0,000	0,008	0,018	FALSE
-0,100	0,320	-0,002	0,009	0,103	FALSE
-0,041	0,313	-0,002	0,012	0,063	FALSE
0,082	0,300	0,003	0,009	0,119	FALSE
0,056	0,298	0,002	0,012	0,066	FALSE
0,109	0,310	0,003	0,008	0,127	FALSE
0,039	0,315	0,001	0,007	0,069	FALSE
0,029	0,322	0,001	0,008	0,024	FALSE
-0,006	0,315	0,000	0,007	0,016	FALSE
0,007	0,300	0,001	0,009	0,022	FALSE
0,072	0,313	0,002	0,008	0,096	FALSE
0,058	0,311	0,002	0,012	0,052	FALSE
0,103	0,304	0,003	0,007	0,158	FALSE
-0,017	0,309	-0,001	0,007	0,046	FALSE
0,024	0,318	0,000	0,008	0,010	FALSE
0,041	0,314	0,001	0,006	0,052	FALSE
-0,017	0,304	0,000	0,007	0,013	FALSE
-0,092	0,302	-0,004	0,011	0,144	FALSE
-0,045	0,300	-0,002	0,011	0,083	FALSE
-0,028	0,312	0,000	0,007	0,014	FALSE
0,052	0,304	0,002	0,008	0,078	FALSE
0,002	0,303	0,000	0,011	0,014	FALSE
0,021	0,304	-0,001	0,009	0,035	FALSE
0,019	0,314	0,000	0,013	0,009	FALSE
-0,059	0,318	-0,001	0,007	0,070	FALSE
-0,079	0,307	-0,004	0,012	0,136	FALSE
0,079	0,308	0,003	0,009	0,124	FALSE
0,136	0,303	0,004	0,011	0,155	FALSE
-0,045	0,305	-0,001	0,012	0,035	FALSE
-0,075	0,305	-0,003	0,009	0,104	FALSE
-0,119	0,294	-0,004	0,008	0,176	FALSE
-0,065	0,311	-0,001	0,007	0,077	FALSE
0,048	0,308	0,001	0,008	0,029	FALSE

-0,004	0,316	0,000	0,008	0,006	FALSE
0,119	0,301	0,005	0,011	0,175	FALSE
0,092	0,307	0,003	0,008	0,145	FALSE
-0,132	0,304	-0,004	0,011	0,168	FALSE
-0,122	0,304	-0,004	0,011	0,167	FALSE
-0,087	0,320	-0,003	0,008	0,132	FALSE
-0,018	0,311	-0,001	0,007	0,029	FALSE
0,171	0,313	0,005	0,011	0,204	FALSE
0,112	0,294	0,003	0,007	0,164	FALSE
-0,049	0,314	-0,002	0,013	0,055	FALSE
0,042	0,324	0,002	0,009	0,062	FALSE
-0,055	0,320	-0,003	0,012	0,090	FALSE
-0,001	0,311	-0,001	0,013	0,028	FALSE
0,021	0,296	0,001	0,009	0,029	FALSE
-0,056	0,300	-0,001	0,009	0,041	FALSE
-0,064	0,304	-0,001	0,007	0,069	FALSE
0,049	0,320	0,003	0,012	0,088	FALSE
0,005	0,322	0,000	0,010	0,017	FALSE
-0,094	0,320	-0,003	0,013	0,100	FALSE
0,007	0,291	0,000	0,010	0,010	FALSE
0,080	0,294	0,002	0,009	0,110	FALSE
0,004	0,302	0,000	0,006	0,011	FALSE
-0,127	0,311	-0,004	0,011	0,168	FALSE
-0,120	0,307	-0,004	0,011	0,159	FALSE
-0,055	0,307	-0,001	0,012	0,039	FALSE
-0,007	0,302	0,000	0,012	0,003	FALSE
0,013	0,297	0,001	0,012	0,026	FALSE
-0,079	0,308	-0,003	0,009	0,118	FALSE
-0,024	0,302	-0,001	0,007	0,035	FALSE
-0,038	0,314	-0,001	0,008	0,060	FALSE
-0,062	0,309	-0,002	0,013	0,064	FALSE
0,200	0,288	0,005	0,007	0,291	FALSE
-0,060	0,293	-0,001	0,009	0,042	FALSE
0,049	0,314	0,002	0,013	0,059	FALSE
-0,066	0,310	-0,001	0,009	0,063	FALSE
0,196	0,313	0,008	0,013	0,277	FALSE
-0,003	0,306	-0,001	0,009	0,031	FALSE
0,013	0,317	0,000	0,011	0,011	FALSE
-0,020	0,323	-0,001	0,010	0,036	FALSE
-0,004	0,321	0,000	0,012	0,007	FALSE
-0,044	0,305	-0,001	0,007	0,076	FALSE
0,076	0,299	0,002	0,007	0,082	FALSE
-0,054	0,325	-0,002	0,009	0,076	FALSE
-0,009	0,306	-0,001	0,011	0,031	FALSE
0,101	0,298	0,002	0,007	0,120	FALSE
-0,020	0,303	-0,001	0,013	0,028	FALSE
0,022	0,310	0,001	0,012	0,043	FALSE
-0,013	0,320	-0,001	0,013	0,016	FALSE
-0,132	0,295	-0,005	0,012	0,175	FALSE
-0,124	0,317	-0,004	0,011	0,155	FALSE
0,126	0,303	0,005	0,013	0,158	FALSE
0,056	0,315	0,002	0,008	0,073	FALSE
0,067	0,304	0,002	0,009	0,091	FALSE

0,107	0,328	0,004	0,012	0,128	FALSE
0,082	0,301	0,003	0,011	0,111	FALSE
0,073	0,310	0,002	0,006	0,113	FALSE
0,085	0,316	0,002	0,007	0,093	FALSE
-0,111	0,312	-0,006	0,013	0,179	FALSE
0,065	0,312	0,002	0,008	0,089	FALSE
-0,060	0,296	-0,001	0,009	0,053	FALSE
0,070	0,315	0,002	0,009	0,109	FALSE
-0,082	0,301	-0,002	0,007	0,079	FALSE
0,006	0,313	0,000	0,009	0,013	FALSE
-0,072	0,312	-0,002	0,007	0,094	FALSE
-0,034	0,302	-0,001	0,011	0,039	FALSE
0,111	0,309	0,003	0,009	0,152	FALSE
-0,007	0,309	0,001	0,009	0,022	FALSE
0,033	0,310	0,002	0,010	0,055	FALSE
-0,008	0,297	0,000	0,008	0,007	FALSE
0,064	0,310	0,002	0,007	0,092	FALSE
-0,117	0,317	-0,004	0,010	0,150	FALSE
-0,008	0,314	0,000	0,013	0,006	FALSE
0,002	0,316	0,000	0,013	0,003	FALSE
0,036	0,324	0,001	0,008	0,035	FALSE
0,096	0,305	0,003	0,007	0,148	FALSE
-0,093	0,306	-0,003	0,010	0,117	FALSE
0,060	0,313	0,002	0,007	0,100	FALSE
0,028	0,327	0,001	0,011	0,017	FALSE
-0,045	0,292	-0,002	0,012	0,072	FALSE
-0,036	0,316	-0,001	0,008	0,043	FALSE
-0,051	0,311	-0,001	0,012	0,039	FALSE
-0,052	0,298	-0,001	0,007	0,042	FALSE
0,006	0,308	0,000	0,012	0,009	FALSE
0,121	0,308	0,005	0,013	0,172	FALSE
-0,090	0,300	-0,004	0,011	0,124	FALSE
0,104	0,309	0,003	0,009	0,118	FALSE
0,032	0,308	0,001	0,011	0,028	FALSE
0,011	0,304	0,001	0,012	0,016	FALSE
-0,046	0,310	-0,001	0,013	0,028	FALSE
0,049	0,301	0,001	0,006	0,052	FALSE
0,049	0,311	0,001	0,013	0,038	FALSE
0,073	0,295	0,002	0,010	0,077	FALSE
0,053	0,306	0,001	0,007	0,040	FALSE
-0,010	0,319	0,000	0,007	0,004	FALSE
0,072	0,307	0,001	0,008	0,063	FALSE
0,033	0,316	0,000	0,008	0,006	FALSE
-0,077	0,314	-0,002	0,008	0,087	FALSE
0,207	0,290	0,007	0,009	0,337	FALSE
0,252	0,285	0,010	0,010	0,461	FALSE
0,182	0,298	0,008	0,011	0,313	FALSE
-0,076	0,305	-0,001	0,008	0,067	FALSE
0,062	0,292	0,002	0,010	0,070	FALSE
-0,026	0,303	0,000	0,011	0,012	FALSE
-0,052	0,322	-0,002	0,010	0,068	FALSE
-0,135	0,303	-0,003	0,006	0,177	FALSE
-0,128	0,320	-0,002	0,007	0,139	FALSE

0,000	0,317	0,000	0,010	0,002	FALSE
-0,016	0,308	-0,001	0,010	0,022	FALSE
0,120	0,305	0,004	0,011	0,156	FALSE
-0,063	0,303	-0,002	0,010	0,076	FALSE
0,014	0,301	0,000	0,006	0,016	FALSE
0,148	0,288	0,004	0,007	0,214	FALSE
-0,026	0,309	-0,002	0,013	0,051	FALSE
0,069	0,305	0,002	0,008	0,092	FALSE
0,060	0,302	0,001	0,008	0,060	FALSE
-0,085	0,312	-0,002	0,009	0,104	FALSE
-0,101	0,317	-0,004	0,012	0,121	FALSE
0,103	0,307	0,003	0,009	0,127	FALSE
-0,035	0,292	-0,002	0,011	0,062	FALSE
0,089	0,302	0,002	0,011	0,078	TRUE
0,072	0,310	0,003	0,012	0,087	FALSE
0,052	0,303	0,002	0,008	0,097	FALSE
0,091	0,301	0,003	0,010	0,106	FALSE
0,041	0,308	0,001	0,009	0,031	FALSE
0,099	0,311	0,003	0,012	0,104	FALSE
-0,028	0,307	-0,001	0,007	0,030	FALSE
0,026	0,297	0,001	0,010	0,030	FALSE
0,056	0,310	0,002	0,010	0,067	FALSE
-0,011	0,309	0,000	0,007	0,015	FALSE
-0,013	0,318	-0,001	0,013	0,022	FALSE
0,099	0,303	0,002	0,007	0,132	FALSE
-0,013	0,307	-0,001	0,011	0,024	FALSE
-0,030	0,309	-0,001	0,012	0,037	FALSE
0,085	0,302	0,004	0,010	0,152	FALSE
-0,014	0,303	-0,001	0,012	0,021	FALSE
-0,008	0,304	-0,001	0,012	0,019	FALSE
-0,012	0,298	0,000	0,007	0,017	FALSE
0,012	0,311	0,000	0,007	0,011	FALSE
0,042	0,305	0,001	0,011	0,042	FALSE
-0,068	0,325	-0,003	0,012	0,096	FALSE
-0,091	0,321	-0,004	0,011	0,143	FALSE
0,068	0,309	0,002	0,012	0,076	FALSE
-0,158	0,306	-0,007	0,013	0,240	FALSE
0,046	0,312	0,002	0,012	0,062	FALSE
-0,017	0,319	0,000	0,008	0,014	FALSE
0,087	0,296	0,002	0,008	0,109	FALSE
0,058	0,314	0,001	0,007	0,075	FALSE
0,045	0,308	0,002	0,012	0,081	FALSE
-0,019	0,307	0,000	0,007	0,018	FALSE
-0,073	0,312	-0,002	0,007	0,083	FALSE
-0,120	0,287	-0,004	0,013	0,134	FALSE
0,196	0,293	0,007	0,012	0,270	FALSE
0,024	0,300	0,002	0,012	0,060	FALSE
0,074	0,306	0,002	0,007	0,114	FALSE
0,077	0,307	0,003	0,012	0,107	FALSE
0,080	0,303	0,003	0,011	0,115	FALSE
-0,069	0,315	-0,002	0,009	0,096	FALSE
-0,124	0,308	-0,004	0,009	0,169	FALSE
-0,065	0,307	-0,001	0,007	0,042	FALSE

-0,089	0,308	-0,003	0,009	0,106	FALSE
-0,100	0,325	-0,003	0,010	0,111	FALSE
-0,101	0,304	-0,003	0,008	0,148	FALSE
-0,143	0,301	-0,004	0,009	0,198	FALSE
-0,039	0,307	-0,001	0,008	0,031	FALSE
0,098	0,291	0,004	0,010	0,145	FALSE
0,168	0,294	0,005	0,008	0,270	FALSE
0,049	0,292	0,001	0,007	0,065	FALSE
0,173	0,298	0,004	0,007	0,229	FALSE
-0,031	0,294	-0,001	0,007	0,026	FALSE
-0,059	0,300	-0,001	0,007	0,068	FALSE
-0,004	0,296	0,000	0,007	0,013	FALSE
-0,006	0,297	0,000	0,007	0,016	FALSE
-0,068	0,307	-0,001	0,007	0,077	FALSE
-0,023	0,309	-0,001	0,013	0,019	FALSE
0,032	0,310	0,001	0,009	0,046	FALSE
-0,025	0,312	0,000	0,006	0,016	FALSE
-0,127	0,300	-0,005	0,009	0,218	FALSE
0,047	0,301	0,001	0,007	0,053	FALSE
0,020	0,301	0,001	0,009	0,054	FALSE
-0,100	0,310	-0,003	0,008	0,128	FALSE
0,074	0,316	0,002	0,009	0,093	FALSE
0,009	0,305	0,000	0,008	0,014	FALSE
-0,077	0,304	-0,003	0,010	0,097	FALSE
-0,061	0,294	-0,002	0,010	0,074	FALSE
0,106	0,292	0,005	0,012	0,173	FALSE
-0,062	0,305	-0,002	0,007	0,097	FALSE
-0,009	0,300	-0,001	0,011	0,019	FALSE
-0,066	0,318	-0,004	0,013	0,108	FALSE
-0,021	0,296	0,000	0,011	0,007	FALSE
-0,006	0,301	0,001	0,012	0,016	FALSE
0,087	0,305	0,003	0,008	0,127	FALSE
-0,073	0,316	-0,002	0,008	0,091	FALSE
0,015	0,319	0,000	0,007	0,012	FALSE
0,156	0,302	0,006	0,011	0,221	FALSE
-0,023	0,296	0,000	0,006	0,017	FALSE
0,019	0,309	0,000	0,010	0,001	FALSE
-0,049	0,308	-0,001	0,007	0,073	FALSE
-0,076	0,299	-0,002	0,007	0,117	FALSE
0,109	0,305	0,004	0,009	0,166	FALSE
-0,024	0,307	0,000	0,007	0,022	FALSE
0,085	0,303	0,001	0,007	0,075	FALSE
-0,007	0,320	-0,001	0,010	0,032	FALSE
0,076	0,299	0,002	0,009	0,076	FALSE
-0,142	0,306	-0,006	0,012	0,206	FALSE
-0,045	0,310	-0,002	0,012	0,059	FALSE
-0,035	0,310	-0,002	0,012	0,046	FALSE
-0,058	0,299	-0,002	0,011	0,073	FALSE
-0,014	0,313	0,000	0,008	0,009	FALSE
-0,139	0,312	-0,003	0,007	0,170	FALSE
0,066	0,311	0,003	0,010	0,096	FALSE
-0,035	0,315	-0,001	0,013	0,028	FALSE
-0,154	0,298	-0,005	0,010	0,223	FALSE

-0,147	0,311	-0,005	0,010	0,201	FALSE
-0,098	0,302	-0,003	0,011	0,108	FALSE
0,111	0,316	0,004	0,011	0,145	FALSE
-0,059	0,315	-0,002	0,012	0,070	FALSE
0,087	0,291	0,002	0,007	0,108	FALSE
-0,032	0,315	-0,001	0,008	0,026	FALSE
0,004	0,311	0,001	0,009	0,031	FALSE
0,071	0,307	0,002	0,011	0,053	FALSE
0,058	0,314	0,002	0,009	0,087	FALSE
0,012	0,312	0,000	0,007	0,005	FALSE
-0,009	0,302	0,000	0,007	0,008	FALSE
-0,081	0,300	-0,002	0,007	0,111	FALSE
0,051	0,303	0,001	0,008	0,044	FALSE
0,084	0,299	0,002	0,009	0,072	FALSE
0,008	0,294	0,000	0,010	0,009	FALSE
0,012	0,306	0,001	0,007	0,033	FALSE
0,127	0,297	0,005	0,011	0,180	FALSE
0,003	0,299	0,000	0,008	0,012	FALSE
-0,031	0,311	0,000	0,012	0,012	FALSE
0,097	0,310	0,004	0,011	0,132	FALSE
-0,021	0,305	-0,001	0,009	0,055	FALSE
0,046	0,306	0,001	0,007	0,052	FALSE
0,074	0,318	0,003	0,011	0,097	FALSE
-0,042	0,315	-0,002	0,011	0,071	FALSE
0,074	0,307	0,002	0,009	0,085	FALSE
0,032	0,315	0,002	0,010	0,069	FALSE
0,052	0,299	0,002	0,008	0,093	FALSE
0,021	0,323	0,001	0,008	0,048	FALSE
-0,021	0,319	-0,002	0,012	0,060	FALSE
-0,021	0,307	-0,001	0,011	0,026	FALSE
-0,099	0,297	-0,002	0,007	0,117	FALSE
-0,112	0,309	-0,003	0,008	0,128	FALSE
-0,109	0,324	-0,002	0,008	0,117	FALSE
-0,028	0,314	-0,001	0,008	0,026	FALSE
0,052	0,317	0,001	0,009	0,036	FALSE
0,023	0,306	0,001	0,008	0,069	FALSE
0,052	0,299	0,002	0,007	0,083	FALSE
-0,030	0,305	0,000	0,007	0,023	FALSE
-0,050	0,311	-0,002	0,012	0,077	FALSE
0,096	0,299	0,004	0,009	0,180	FALSE
0,144	0,308	0,004	0,009	0,190	FALSE
0,191	0,299	0,006	0,009	0,308	FALSE
0,104	0,310	0,003	0,009	0,132	FALSE
0,131	0,297	0,004	0,008	0,177	FALSE
-0,169	0,303	-0,005	0,010	0,216	FALSE
-0,097	0,308	-0,002	0,007	0,080	FALSE
0,036	0,302	0,002	0,008	0,066	FALSE
0,014	0,317	0,000	0,013	0,002	FALSE
0,023	0,298	0,001	0,006	0,051	FALSE
0,159	0,288	0,004	0,006	0,266	FALSE
0,057	0,308	0,002	0,009	0,079	FALSE
-0,090	0,308	-0,003	0,009	0,124	FALSE
-0,039	0,323	-0,001	0,011	0,040	FALSE

0,106	0,313	0,004	0,013	0,132	FALSE
-0,159	0,307	-0,007	0,012	0,238	FALSE
0,054	0,309	0,002	0,008	0,089	FALSE
-0,062	0,320	-0,001	0,009	0,054	FALSE
-0,025	0,313	-0,001	0,009	0,033	FALSE
-0,051	0,320	-0,001	0,007	0,071	FALSE
-0,017	0,307	0,001	0,009	0,021	FALSE
-0,048	0,315	-0,001	0,010	0,034	FALSE
0,159	0,293	0,005	0,010	0,220	FALSE
0,099	0,294	0,004	0,010	0,152	FALSE
0,007	0,302	0,000	0,010	0,002	FALSE
0,108	0,307	0,004	0,011	0,139	FALSE
-0,009	0,311	0,000	0,007	0,020	FALSE
0,028	0,304	0,001	0,011	0,027	FALSE
-0,075	0,310	-0,002	0,007	0,090	FALSE
-0,104	0,296	-0,002	0,006	0,123	FALSE
0,026	0,311	0,001	0,010	0,046	FALSE
0,123	0,311	0,003	0,008	0,181	FALSE
-0,020	0,305	0,000	0,010	0,014	FALSE
0,068	0,298	0,002	0,008	0,066	FALSE
0,018	0,297	0,001	0,008	0,027	FALSE
0,031	0,310	0,001	0,011	0,039	FALSE
-0,141	0,304	-0,004	0,009	0,185	FALSE
0,002	0,305	0,000	0,007	0,019	FALSE
0,059	0,324	0,001	0,008	0,063	FALSE
0,133	0,317	0,003	0,007	0,184	FALSE
0,032	0,313	0,001	0,011	0,024	FALSE
0,077	0,307	0,003	0,011	0,094	FALSE
-0,104	0,303	-0,003	0,007	0,152	FALSE
-0,096	0,307	-0,003	0,007	0,149	FALSE
-0,027	0,300	-0,001	0,011	0,035	FALSE
-0,156	0,305	-0,006	0,012	0,198	FALSE
-0,174	0,306	-0,007	0,012	0,224	FALSE
-0,024	0,306	-0,001	0,006	0,050	FALSE
-0,151	0,319	-0,006	0,011	0,202	FALSE
-0,133	0,317	-0,005	0,011	0,187	FALSE
0,010	0,305	0,000	0,008	0,009	FALSE
-0,006	0,307	0,000	0,013	0,003	FALSE
-0,089	0,319	-0,003	0,008	0,137	FALSE
0,020	0,300	0,001	0,010	0,028	FALSE
-0,031	0,319	-0,002	0,013	0,070	FALSE
0,100	0,313	0,002	0,007	0,117	FALSE
0,027	0,298	0,000	0,007	0,019	FALSE
-0,072	0,298	-0,002	0,008	0,091	FALSE
0,028	0,312	0,000	0,013	0,011	FALSE
-0,037	0,314	-0,001	0,006	0,062	FALSE
-0,026	0,320	0,000	0,007	0,013	FALSE
0,061	0,303	0,002	0,010	0,090	FALSE
0,017	0,323	0,000	0,010	0,017	FALSE
-0,191	0,298	-0,006	0,009	0,279	FALSE
-0,031	0,304	0,000	0,008	0,017	FALSE
-0,023	0,298	0,000	0,010	0,014	FALSE
0,026	0,310	0,002	0,012	0,061	FALSE

0,011	0,325	0,000	0,012	0,007	FALSE
0,029	0,305	0,001	0,006	0,032	FALSE
-0,076	0,304	-0,002	0,008	0,083	FALSE
-0,015	0,307	0,000	0,011	0,015	FALSE
0,033	0,310	0,001	0,008	0,035	FALSE
-0,034	0,314	-0,001	0,012	0,027	FALSE
0,090	0,302	0,003	0,011	0,106	FALSE
0,006	0,296	0,000	0,006	0,018	FALSE
-0,012	0,306	0,000	0,006	0,011	FALSE
0,131	0,308	0,004	0,012	0,140	FALSE
-0,097	0,309	-0,002	0,007	0,114	FALSE
-0,034	0,307	-0,001	0,006	0,042	FALSE
-0,128	0,313	-0,003	0,007	0,188	FALSE
-0,017	0,303	0,000	0,007	0,019	FALSE
-0,010	0,301	-0,001	0,011	0,033	FALSE
0,055	0,303	0,001	0,007	0,068	FALSE
-0,039	0,314	-0,002	0,011	0,052	FALSE
-0,114	0,300	-0,005	0,012	0,161	FALSE
0,021	0,314	0,001	0,008	0,067	FALSE
0,038	0,302	0,000	0,011	0,003	FALSE
-0,080	0,316	-0,003	0,011	0,105	FALSE
-0,195	0,296	-0,007	0,010	0,291	FALSE
-0,097	0,299	-0,002	0,008	0,084	FALSE
-0,003	0,302	0,001	0,008	0,028	FALSE
0,013	0,310	0,000	0,008	0,012	FALSE
0,081	0,307	0,004	0,013	0,109	FALSE
0,042	0,300	0,002	0,011	0,053	FALSE
-0,171	0,300	-0,004	0,007	0,261	FALSE
-0,012	0,320	-0,001	0,011	0,036	FALSE
-0,089	0,302	-0,002	0,007	0,133	FALSE
-0,106	0,315	-0,003	0,013	0,104	FALSE
-0,087	0,306	-0,003	0,012	0,086	FALSE
0,121	0,298	0,004	0,009	0,166	FALSE
0,075	0,309	0,002	0,011	0,082	FALSE
0,071	0,311	0,002	0,009	0,093	FALSE
0,121	0,311	0,004	0,010	0,139	FALSE
0,108	0,307	0,004	0,012	0,149	FALSE
-0,118	0,322	-0,004	0,010	0,158	FALSE
0,037	0,303	0,000	0,008	0,016	FALSE
-0,098	0,307	-0,004	0,012	0,122	FALSE
0,040	0,313	0,001	0,009	0,045	FALSE
-0,126	0,300	-0,004	0,012	0,139	FALSE
-0,021	0,303	-0,001	0,008	0,046	FALSE
-0,052	0,309	-0,001	0,012	0,032	FALSE
0,049	0,310	0,001	0,011	0,048	FALSE
-0,122	0,305	-0,002	0,008	0,122	FALSE
0,073	0,308	0,003	0,011	0,097	FALSE
0,058	0,308	0,002	0,011	0,070	FALSE
-0,057	0,293	-0,004	0,012	0,110	FALSE
0,043	0,302	0,001	0,010	0,056	FALSE
-0,091	0,302	-0,003	0,011	0,120	FALSE
0,018	0,309	0,000	0,013	0,007	FALSE
0,082	0,290	0,002	0,007	0,103	FALSE

0,012	0,315	0,000	0,013	0,003	FALSE
0,060	0,314	0,001	0,008	0,060	FALSE
0,004	0,310	0,000	0,010	0,006	FALSE
-0,101	0,310	-0,002	0,008	0,102	FALSE
-0,083	0,312	-0,003	0,009	0,118	FALSE
-0,035	0,311	-0,001	0,011	0,032	FALSE
0,110	0,300	0,002	0,007	0,120	FALSE
-0,048	0,298	-0,001	0,007	0,051	FALSE
-0,010	0,316	0,000	0,008	0,002	FALSE
0,033	0,305	0,001	0,009	0,037	FALSE
-0,016	0,290	0,000	0,012	0,009	FALSE
0,167	0,301	0,004	0,010	0,187	FALSE
0,040	0,319	0,001	0,006	0,032	FALSE
-0,043	0,306	-0,001	0,008	0,050	FALSE
-0,162	0,298	-0,004	0,008	0,224	FALSE
0,030	0,310	0,001	0,013	0,034	FALSE
0,097	0,303	0,003	0,007	0,141	FALSE
-0,061	0,317	-0,003	0,013	0,085	FALSE
-0,074	0,308	-0,002	0,009	0,072	FALSE
-0,004	0,316	0,000	0,007	0,021	FALSE
-0,034	0,304	0,000	0,007	0,023	FALSE
-0,003	0,324	0,000	0,010	0,005	FALSE
-0,008	0,324	0,000	0,008	0,006	FALSE
-0,034	0,298	0,000	0,006	0,026	FALSE
-0,064	0,296	-0,001	0,007	0,081	FALSE
0,109	0,312	0,003	0,008	0,152	FALSE
0,130	0,308	0,003	0,007	0,186	FALSE
0,048	0,305	0,001	0,006	0,084	FALSE
0,043	0,309	0,001	0,007	0,061	FALSE
0,107	0,311	0,003	0,008	0,141	FALSE
-0,006	0,294	0,001	0,009	0,023	FALSE
0,085	0,305	0,004	0,012	0,115	FALSE
0,034	0,295	0,001	0,008	0,029	FALSE
0,049	0,317	0,001	0,012	0,044	FALSE
0,086	0,317	0,003	0,010	0,100	FALSE
-0,054	0,310	-0,001	0,007	0,052	FALSE
-0,132	0,299	-0,005	0,011	0,195	FALSE
0,028	0,308	0,001	0,013	0,036	FALSE
0,015	0,304	0,000	0,009	0,014	FALSE
-0,040	0,311	-0,001	0,007	0,055	FALSE
0,025	0,310	0,001	0,013	0,022	FALSE
-0,024	0,290	-0,001	0,013	0,031	FALSE
-0,011	0,297	-0,001	0,012	0,026	FALSE
0,002	0,307	0,000	0,011	0,012	FALSE
-0,108	0,300	-0,003	0,010	0,138	FALSE
0,092	0,309	0,005	0,013	0,166	FALSE
0,058	0,301	0,003	0,012	0,101	FALSE
0,024	0,305	0,000	0,013	0,005	FALSE
0,058	0,285	0,002	0,006	0,098	FALSE
0,080	0,298	0,002	0,009	0,076	FALSE
0,124	0,297	0,004	0,011	0,164	FALSE
0,099	0,306	0,002	0,008	0,125	FALSE
-0,173	0,304	-0,006	0,010	0,252	FALSE

0,071	0,310	0,002	0,009	0,099	FALSE
0,000	0,310	0,000	0,011	0,016	FALSE
-0,002	0,314	0,000	0,007	0,014	FALSE
-0,100	0,305	-0,002	0,006	0,143	FALSE
0,139	0,301	0,006	0,012	0,202	FALSE
-0,077	0,315	-0,002	0,008	0,110	FALSE
-0,076	0,292	-0,003	0,012	0,101	FALSE
-0,076	0,315	-0,002	0,008	0,105	FALSE
0,011	0,315	0,000	0,007	0,005	FALSE
-0,080	0,304	-0,003	0,013	0,085	FALSE
0,104	0,304	0,004	0,012	0,139	FALSE
0,086	0,306	0,004	0,012	0,117	FALSE
0,124	0,318	0,005	0,012	0,165	FALSE
-0,078	0,312	-0,003	0,013	0,091	FALSE
-0,018	0,298	-0,001	0,012	0,033	FALSE
0,042	0,316	0,001	0,013	0,039	FALSE
0,016	0,304	0,001	0,010	0,051	FALSE
-0,074	0,316	-0,004	0,013	0,118	FALSE
0,001	0,302	0,000	0,011	0,016	FALSE
0,011	0,295	0,001	0,010	0,038	FALSE
0,021	0,305	0,001	0,007	0,041	FALSE
-0,032	0,313	-0,001	0,013	0,024	FALSE
-0,070	0,317	-0,002	0,007	0,086	FALSE
-0,025	0,311	-0,001	0,013	0,020	FALSE
0,014	0,311	-0,001	0,013	0,016	FALSE
-0,012	0,301	0,000	0,009	0,001	FALSE
-0,004	0,304	-0,001	0,008	0,029	FALSE
0,074	0,309	0,003	0,011	0,116	FALSE
-0,026	0,321	0,000	0,011	0,012	FALSE
-0,048	0,306	-0,001	0,007	0,082	FALSE
-0,055	0,307	-0,001	0,007	0,070	FALSE
0,013	0,312	0,000	0,012	0,011	FALSE
-0,125	0,310	-0,006	0,012	0,201	FALSE
0,009	0,315	-0,001	0,013	0,030	FALSE
0,197	0,299	0,004	0,006	0,277	FALSE
0,073	0,294	0,003	0,012	0,091	FALSE
-0,064	0,310	-0,002	0,009	0,102	FALSE
0,003	0,314	0,001	0,008	0,028	FALSE
-0,085	0,309	-0,003	0,011	0,104	FALSE
-0,009	0,312	-0,001	0,011	0,042	FALSE
0,044	0,306	0,001	0,009	0,021	FALSE
0,041	0,323	0,002	0,008	0,071	FALSE
0,028	0,310	0,001	0,009	0,029	FALSE
-0,114	0,301	-0,002	0,007	0,102	FALSE
-0,035	0,312	-0,001	0,008	0,052	FALSE
0,057	0,310	0,002	0,012	0,067	FALSE
-0,063	0,310	-0,002	0,011	0,054	FALSE
0,007	0,309	0,001	0,011	0,020	FALSE
-0,052	0,303	-0,002	0,012	0,050	FALSE
-0,104	0,325	-0,003	0,009	0,110	FALSE
-0,091	0,318	-0,002	0,009	0,075	FALSE
0,001	0,294	0,001	0,011	0,019	FALSE
0,024	0,309	0,000	0,009	0,017	FALSE

-0,132	0,320	-0,005	0,011	0,181	FALSE
0,048	0,305	0,001	0,008	0,052	FALSE
-0,002	0,320	0,000	0,010	0,003	FALSE
-0,067	0,319	-0,002	0,008	0,079	FALSE
-0,067	0,305	-0,002	0,009	0,063	FALSE
0,058	0,293	0,003	0,012	0,080	FALSE
0,030	0,304	0,002	0,013	0,071	FALSE
0,089	0,293	0,004	0,013	0,122	FALSE
-0,045	0,313	-0,001	0,009	0,058	FALSE
-0,078	0,307	-0,004	0,012	0,128	FALSE
-0,082	0,308	-0,004	0,013	0,123	FALSE
0,043	0,306	0,002	0,009	0,066	FALSE
0,055	0,308	0,002	0,012	0,071	FALSE
-0,105	0,314	-0,002	0,007	0,131	FALSE
0,128	0,303	0,005	0,013	0,166	FALSE
0,068	0,303	0,002	0,011	0,083	FALSE
0,066	0,308	0,002	0,008	0,094	FALSE
0,025	0,302	0,000	0,011	0,003	FALSE
-0,042	0,302	-0,001	0,007	0,054	FALSE
0,074	0,311	0,002	0,010	0,069	FALSE
0,049	0,306	0,002	0,009	0,069	FALSE
-0,038	0,302	-0,002	0,011	0,064	FALSE
-0,002	0,299	0,000	0,008	0,011	FALSE
-0,082	0,295	-0,004	0,013	0,137	FALSE
0,009	0,311	0,000	0,011	0,005	FALSE
-0,032	0,313	-0,001	0,009	0,031	FALSE
0,133	0,314	0,005	0,011	0,182	FALSE
-0,031	0,313	-0,001	0,008	0,031	FALSE
-0,104	0,298	-0,002	0,007	0,105	FALSE
-0,065	0,302	-0,002	0,012	0,073	FALSE
0,066	0,320	0,001	0,008	0,052	FALSE
0,002	0,314	0,001	0,013	0,022	FALSE
-0,019	0,322	0,000	0,009	0,003	FALSE
-0,008	0,328	0,000	0,011	0,014	FALSE
-0,069	0,304	-0,002	0,011	0,084	FALSE
0,056	0,309	0,001	0,012	0,035	FALSE
-0,029	0,308	-0,001	0,007	0,055	FALSE
-0,001	0,308	0,000	0,010	0,000	FALSE
-0,030	0,301	-0,001	0,009	0,029	FALSE
-0,014	0,304	0,000	0,009	0,007	FALSE
-0,060	0,295	-0,003	0,011	0,096	FALSE
-0,061	0,303	-0,002	0,011	0,070	FALSE
-0,046	0,311	-0,002	0,010	0,072	FALSE
0,079	0,328	0,002	0,011	0,085	FALSE
0,080	0,305	0,002	0,010	0,089	FALSE
0,079	0,309	0,002	0,010	0,093	FALSE
-0,093	0,308	-0,002	0,008	0,104	FALSE
0,071	0,309	0,002	0,008	0,084	FALSE
0,159	0,292	0,008	0,013	0,262	FALSE
0,072	0,313	0,003	0,010	0,105	FALSE
0,103	0,303	0,004	0,009	0,161	FALSE
0,092	0,300	0,003	0,009	0,142	FALSE
-0,044	0,312	-0,001	0,011	0,047	FALSE

0,117	0,305	0,005	0,011	0,191	FALSE
-0,013	0,310	-0,001	0,007	0,026	FALSE
-0,149	0,305	-0,006	0,011	0,238	FALSE
-0,061	0,296	-0,002	0,011	0,053	FALSE
0,044	0,304	0,001	0,011	0,045	FALSE
-0,068	0,305	-0,002	0,007	0,104	FALSE
-0,076	0,306	-0,002	0,007	0,099	FALSE
-0,012	0,304	-0,001	0,010	0,039	FALSE
-0,160	0,291	-0,007	0,011	0,270	FALSE
0,018	0,309	0,001	0,007	0,035	FALSE
-0,051	0,301	-0,002	0,011	0,070	FALSE
-0,026	0,308	0,000	0,007	0,008	FALSE
0,097	0,308	0,002	0,007	0,113	FALSE
0,084	0,317	0,003	0,013	0,106	FALSE
0,008	0,312	0,001	0,007	0,040	FALSE
-0,010	0,321	0,000	0,009	0,010	FALSE
-0,048	0,301	-0,001	0,007	0,062	FALSE
-0,171	0,312	-0,004	0,008	0,229	FALSE
-0,050	0,313	-0,002	0,012	0,059	FALSE
0,108	0,294	0,004	0,008	0,187	FALSE
0,018	0,322	0,000	0,012	0,001	FALSE
-0,018	0,318	-0,001	0,012	0,021	FALSE
0,036	0,314	0,001	0,008	0,044	FALSE
0,005	0,304	0,000	0,007	0,007	FALSE
-0,046	0,299	-0,002	0,012	0,069	FALSE
-0,036	0,307	-0,001	0,008	0,039	FALSE
0,038	0,305	0,000	0,012	0,014	FALSE
0,058	0,308	0,001	0,012	0,045	FALSE
0,018	0,302	0,001	0,007	0,044	FALSE
-0,052	0,295	-0,002	0,009	0,067	FALSE
-0,061	0,300	-0,002	0,008	0,088	FALSE
-0,101	0,306	-0,003	0,009	0,110	FALSE
0,080	0,297	0,002	0,010	0,090	FALSE
0,082	0,299	0,002	0,010	0,097	FALSE
-0,045	0,295	-0,001	0,007	0,052	FALSE
0,049	0,319	0,002	0,012	0,076	FALSE
-0,005	0,312	-0,001	0,013	0,023	FALSE
-0,043	0,311	-0,001	0,009	0,047	FALSE
0,197	0,304	0,005	0,007	0,310	FALSE
-0,155	0,315	-0,005	0,010	0,213	FALSE
-0,001	0,296	0,000	0,007	0,022	FALSE
0,027	0,308	0,001	0,007	0,067	FALSE
-0,177	0,303	-0,003	0,006	0,228	FALSE
0,087	0,310	0,002	0,007	0,093	FALSE
0,008	0,312	0,000	0,010	0,010	FALSE
0,074	0,331	0,002	0,013	0,069	FALSE
0,134	0,310	0,003	0,007	0,179	FALSE
-0,092	0,313	-0,004	0,013	0,123	FALSE
0,074	0,313	0,004	0,012	0,126	FALSE
-0,028	0,315	-0,001	0,007	0,033	FALSE
0,059	0,306	0,002	0,008	0,080	FALSE
-0,031	0,308	0,000	0,008	0,014	FALSE
0,015	0,299	0,001	0,007	0,028	FALSE

0,000	0,308	0,000	0,011	0,011	FALSE
-0,030	0,320	-0,001	0,009	0,037	FALSE
0,002	0,314	0,000	0,010	0,001	FALSE
0,012	0,302	0,000	0,010	0,010	FALSE
-0,010	0,292	-0,001	0,009	0,025	FALSE
-0,020	0,305	0,000	0,007	0,004	FALSE
-0,120	0,310	-0,004	0,013	0,111	FALSE
0,029	0,315	0,001	0,009	0,028	FALSE
0,011	0,317	0,000	0,009	0,017	FALSE
-0,214	0,298	-0,006	0,009	0,310	FALSE
0,038	0,297	0,001	0,007	0,039	FALSE
0,039	0,310	0,001	0,007	0,049	FALSE
-0,064	0,316	-0,002	0,007	0,102	FALSE
0,013	0,307	0,001	0,009	0,043	FALSE
0,026	0,294	0,001	0,011	0,027	FALSE
-0,004	0,336	0,000	0,007	0,009	FALSE
0,053	0,302	0,002	0,011	0,079	FALSE
0,004	0,317	0,001	0,013	0,025	FALSE
-0,120	0,312	-0,003	0,008	0,144	FALSE
-0,054	0,302	-0,002	0,012	0,064	FALSE
0,055	0,302	0,002	0,010	0,091	FALSE
0,074	0,291	0,002	0,009	0,090	FALSE
-0,080	0,298	-0,002	0,008	0,089	FALSE
-0,068	0,315	-0,002	0,008	0,073	FALSE
-0,038	0,318	-0,002	0,012	0,054	FALSE
0,001	0,312	0,001	0,013	0,023	FALSE
0,138	0,299	0,003	0,007	0,179	FALSE
0,026	0,307	0,002	0,008	0,071	FALSE
0,047	0,306	0,001	0,011	0,047	FALSE
0,163	0,313	0,005	0,010	0,214	FALSE
0,011	0,315	0,001	0,008	0,034	FALSE
-0,058	0,315	-0,002	0,012	0,056	FALSE
-0,024	0,298	-0,001	0,009	0,030	FALSE
-0,030	0,306	-0,001	0,010	0,035	FALSE
-0,027	0,310	-0,001	0,010	0,029	TRUE
-0,013	0,303	-0,001	0,008	0,024	FALSE
-0,068	0,310	-0,003	0,012	0,100	FALSE
-0,147	0,291	-0,007	0,012	0,242	FALSE
-0,095	0,302	-0,003	0,010	0,120	FALSE
-0,127	0,311	-0,004	0,011	0,166	FALSE
-0,116	0,314	-0,004	0,013	0,125	FALSE
-0,105	0,303	-0,004	0,013	0,114	FALSE
-0,117	0,304	-0,004	0,013	0,133	FALSE
-0,067	0,315	-0,001	0,008	0,040	FALSE
0,027	0,312	0,000	0,012	0,004	FALSE
0,018	0,317	0,000	0,010	0,010	FALSE
-0,008	0,314	0,000	0,011	0,000	FALSE
0,024	0,311	0,001	0,008	0,038	FALSE
0,034	0,309	0,002	0,013	0,063	FALSE
0,173	0,292	0,004	0,008	0,241	FALSE
-0,018	0,308	0,000	0,009	0,001	FALSE
-0,041	0,314	-0,001	0,010	0,028	FALSE
0,020	0,308	0,000	0,008	0,000	FALSE

0,062	0,299	0,002	0,008	0,075	FALSE
-0,040	0,281	-0,001	0,011	0,048	FALSE
0,052	0,307	0,001	0,007	0,041	FALSE
0,053	0,294	0,001	0,007	0,049	FALSE
-0,001	0,299	0,000	0,012	0,012	FALSE
-0,034	0,289	-0,001	0,008	0,063	FALSE
-0,119	0,295	-0,005	0,011	0,196	FALSE
0,040	0,310	0,001	0,009	0,022	FALSE
-0,033	0,311	-0,001	0,011	0,046	FALSE
-0,076	0,299	-0,003	0,010	0,109	FALSE
0,058	0,315	0,002	0,012	0,051	FALSE
0,008	0,302	0,001	0,010	0,034	FALSE
0,061	0,307	0,002	0,013	0,069	FALSE
-0,041	0,310	-0,002	0,010	0,059	FALSE
-0,025	0,316	-0,001	0,011	0,032	FALSE
-0,057	0,301	-0,003	0,012	0,089	FALSE
-0,055	0,320	-0,003	0,013	0,075	FALSE
-0,016	0,308	0,000	0,008	0,005	FALSE
-0,017	0,317	0,000	0,009	0,019	FALSE
-0,025	0,320	-0,001	0,009	0,023	FALSE
0,071	0,313	0,003	0,008	0,129	FALSE
0,005	0,301	0,000	0,008	0,006	FALSE
-0,063	0,308	-0,002	0,012	0,050	FALSE
-0,040	0,310	-0,002	0,010	0,067	FALSE
-0,112	0,284	-0,003	0,011	0,116	FALSE
0,082	0,307	0,002	0,011	0,074	FALSE
-0,042	0,321	-0,001	0,007	0,050	FALSE
-0,134	0,317	-0,004	0,011	0,146	FALSE
0,005	0,313	0,001	0,008	0,030	FALSE
0,123	0,283	0,002	0,007	0,115	FALSE
0,014	0,321	0,000	0,013	0,005	FALSE
0,041	0,306	0,002	0,012	0,054	FALSE
0,055	0,297	0,002	0,012	0,078	FALSE
-0,026	0,302	0,000	0,007	0,021	FALSE
-0,065	0,307	-0,002	0,011	0,066	FALSE
-0,024	0,324	-0,001	0,011	0,019	FALSE
0,079	0,307	0,001	0,007	0,063	FALSE
-0,083	0,308	-0,003	0,010	0,105	FALSE
-0,048	0,312	-0,001	0,012	0,029	FALSE
0,005	0,319	0,000	0,008	0,007	FALSE
0,031	0,305	0,001	0,008	0,023	FALSE
0,007	0,321	0,000	0,008	0,012	FALSE
0,037	0,315	0,001	0,010	0,029	FALSE
0,092	0,303	0,002	0,007	0,112	FALSE
0,095	0,321	0,002	0,007	0,108	FALSE
0,024	0,306	0,001	0,008	0,025	FALSE
0,104	0,304	0,003	0,007	0,186	FALSE
-0,002	0,308	-0,001	0,007	0,027	FALSE
-0,090	0,294	-0,004	0,012	0,130	FALSE
-0,015	0,306	-0,001	0,013	0,016	FALSE
-0,086	0,305	-0,003	0,012	0,090	FALSE
-0,037	0,306	-0,001	0,007	0,067	FALSE
-0,036	0,318	-0,001	0,009	0,047	FALSE

0,167	0,294	0,004	0,007	0,270	FALSE
0,153	0,304	0,003	0,007	0,208	FALSE
-0,032	0,309	-0,001	0,006	0,041	FALSE
0,106	0,305	0,005	0,013	0,151	FALSE
0,093	0,304	0,002	0,008	0,102	FALSE
0,102	0,302	0,004	0,014	0,122	FALSE
0,171	0,285	0,007	0,011	0,272	FALSE
-0,135	0,300	-0,003	0,007	0,197	FALSE
-0,062	0,307	-0,001	0,006	0,072	FALSE
0,014	0,309	0,000	0,007	0,012	FALSE
0,120	0,304	0,005	0,012	0,163	FALSE
-0,023	0,299	0,000	0,009	0,016	FALSE
-0,010	0,305	-0,001	0,012	0,031	FALSE
-0,086	0,296	-0,002	0,007	0,107	FALSE
-0,003	0,310	0,001	0,008	0,046	FALSE
0,031	0,307	0,002	0,013	0,052	FALSE
-0,035	0,314	-0,002	0,010	0,069	FALSE
-0,034	0,308	-0,001	0,008	0,024	FALSE
0,100	0,306	0,002	0,007	0,123	FALSE
-0,061	0,294	-0,001	0,006	0,051	FALSE
-0,012	0,308	0,000	0,011	0,008	FALSE
0,157	0,293	0,005	0,008	0,274	FALSE
0,078	0,298	0,003	0,010	0,119	FALSE
-0,148	0,308	-0,006	0,013	0,191	FALSE
-0,094	0,296	-0,003	0,012	0,096	FALSE
0,052	0,325	0,001	0,008	0,046	FALSE
0,110	0,303	0,003	0,007	0,169	FALSE
0,092	0,295	0,003	0,010	0,109	FALSE
0,025	0,316	0,001	0,013	0,035	FALSE
-0,045	0,308	-0,002	0,010	0,064	FALSE
-0,061	0,308	-0,002	0,010	0,082	FALSE
0,043	0,318	0,001	0,007	0,063	FALSE
0,113	0,313	0,002	0,007	0,131	FALSE
-0,125	0,319	-0,004	0,010	0,173	FALSE
-0,112	0,308	-0,004	0,009	0,177	FALSE
-0,132	0,312	-0,005	0,010	0,201	FALSE
-0,172	0,313	-0,005	0,010	0,232	FALSE
-0,080	0,321	-0,003	0,011	0,088	FALSE
-0,094	0,314	-0,003	0,011	0,113	FALSE
-0,102	0,310	-0,005	0,013	0,159	FALSE
-0,062	0,300	-0,003	0,011	0,093	FALSE
-0,078	0,298	-0,003	0,009	0,123	FALSE
-0,022	0,303	-0,001	0,009	0,031	FALSE
-0,003	0,307	0,000	0,009	0,013	FALSE
-0,043	0,306	-0,002	0,010	0,070	FALSE
-0,091	0,313	-0,003	0,010	0,107	FALSE
-0,199	0,284	-0,007	0,009	0,350	FALSE
0,008	0,308	0,000	0,012	0,012	FALSE
-0,031	0,304	-0,001	0,011	0,023	FALSE
0,046	0,323	0,001	0,009	0,055	FALSE
0,025	0,303	0,000	0,008	0,019	FALSE
0,026	0,301	0,001	0,008	0,022	FALSE
-0,079	0,294	-0,002	0,009	0,072	FALSE

-0,117	0,305	-0,002	0,006	0,140	FALSE
-0,177	0,302	-0,005	0,010	0,231	FALSE
0,115	0,305	0,004	0,010	0,166	FALSE
0,057	0,303	0,001	0,007	0,078	FALSE
0,016	0,323	0,001	0,010	0,048	FALSE
-0,018	0,302	0,000	0,012	0,001	FALSE
0,045	0,306	0,002	0,009	0,067	FALSE
0,049	0,306	0,002	0,012	0,048	FALSE
-0,055	0,315	-0,003	0,012	0,088	FALSE
0,105	0,313	0,002	0,008	0,119	FALSE
0,012	0,329	0,000	0,012	0,001	FALSE
-0,072	0,296	-0,002	0,007	0,082	FALSE
-0,014	0,309	0,000	0,013	0,001	FALSE
-0,059	0,321	-0,003	0,011	0,089	FALSE
-0,043	0,312	-0,001	0,013	0,037	FALSE
0,078	0,286	0,002	0,006	0,109	FALSE
-0,194	0,304	-0,005	0,008	0,241	FALSE
-0,031	0,319	-0,001	0,011	0,036	FALSE
0,111	0,296	0,002	0,006	0,127	FALSE
-0,055	0,310	-0,001	0,009	0,052	FALSE
-0,121	0,296	-0,004	0,010	0,176	FALSE
0,037	0,314	0,001	0,011	0,028	FALSE
0,063	0,311	0,002	0,012	0,073	FALSE
-0,007	0,311	-0,001	0,010	0,046	FALSE
0,096	0,315	0,004	0,012	0,128	FALSE
0,111	0,298	0,004	0,013	0,132	FALSE
-0,011	0,312	-0,001	0,013	0,015	FALSE
-0,031	0,304	-0,001	0,008	0,048	FALSE
-0,165	0,328	-0,003	0,007	0,208	FALSE
0,086	0,297	0,002	0,006	0,151	FALSE
-0,079	0,300	-0,003	0,009	0,107	FALSE
0,099	0,309	0,002	0,007	0,107	FALSE
-0,062	0,319	-0,002	0,008	0,080	FALSE
-0,037	0,291	-0,001	0,007	0,050	FALSE
-0,053	0,313	-0,002	0,011	0,070	FALSE
-0,013	0,305	0,000	0,008	0,003	FALSE
-0,006	0,321	0,000	0,013	0,013	FALSE
0,032	0,290	0,000	0,008	0,019	FALSE
-0,091	0,306	-0,002	0,007	0,097	FALSE
-0,006	0,308	0,001	0,007	0,036	FALSE
0,165	0,302	0,005	0,009	0,251	FALSE
-0,028	0,334	0,000	0,013	0,005	FALSE
0,104	0,297	0,004	0,013	0,115	FALSE
-0,093	0,307	-0,002	0,007	0,082	FALSE
-0,137	0,308	-0,003	0,008	0,168	FALSE
-0,146	0,296	-0,006	0,011	0,219	FALSE
-0,115	0,317	-0,004	0,012	0,148	FALSE
-0,077	0,316	-0,003	0,011	0,117	FALSE
-0,059	0,306	-0,003	0,011	0,096	FALSE
0,103	0,311	0,003	0,012	0,110	FALSE
0,028	0,327	0,000	0,007	0,020	FALSE
0,004	0,309	0,000	0,010	0,000	FALSE
0,040	0,299	0,000	0,011	0,016	FALSE

0,028	0,311	0,001	0,006	0,060	FALSE
0,000	0,318	0,000	0,006	0,012	FALSE
0,053	0,320	0,001	0,009	0,062	FALSE
0,030	0,294	0,000	0,012	0,007	FALSE
-0,069	0,299	-0,002	0,008	0,116	FALSE
0,054	0,303	0,001	0,010	0,040	FALSE
-0,018	0,301	0,000	0,011	0,011	FALSE
0,095	0,313	0,002	0,008	0,093	FALSE
0,012	0,304	0,000	0,006	0,021	FALSE
0,016	0,309	0,000	0,007	0,005	FALSE
0,007	0,303	0,000	0,007	0,010	FALSE
-0,019	0,312	-0,001	0,010	0,022	FALSE
0,017	0,304	0,000	0,011	0,015	FALSE
0,085	0,310	0,002	0,007	0,098	FALSE
-0,098	0,307	-0,005	0,013	0,152	FALSE
0,077	0,312	0,002	0,007	0,106	FALSE
-0,109	0,306	-0,005	0,012	0,152	FALSE
-0,077	0,306	-0,002	0,008	0,092	FALSE
-0,003	0,298	-0,001	0,011	0,017	FALSE
0,078	0,324	0,002	0,008	0,109	FALSE
-0,039	0,301	-0,001	0,012	0,039	FALSE
-0,084	0,315	-0,003	0,010	0,104	FALSE
-0,057	0,302	-0,002	0,012	0,063	FALSE
-0,135	0,296	-0,005	0,011	0,196	FALSE
-0,067	0,298	-0,002	0,007	0,095	FALSE
-0,085	0,315	-0,002	0,008	0,090	FALSE
-0,017	0,315	0,000	0,008	0,010	FALSE
0,007	0,325	0,000	0,012	0,012	FALSE
0,115	0,305	0,003	0,008	0,134	FALSE
0,102	0,294	0,004	0,010	0,150	FALSE
0,081	0,300	0,002	0,007	0,122	FALSE
0,061	0,307	0,004	0,013	0,120	FALSE
0,021	0,313	0,001	0,007	0,053	FALSE
0,093	0,288	0,002	0,009	0,081	FALSE
0,016	0,311	0,000	0,007	0,019	FALSE
-0,014	0,316	0,000	0,009	0,013	FALSE
-0,096	0,302	-0,003	0,009	0,117	FALSE
-0,121	0,303	-0,004	0,010	0,147	FALSE
-0,009	0,313	0,001	0,010	0,025	FALSE
0,049	0,315	0,001	0,006	0,086	FALSE
0,062	0,311	0,002	0,007	0,112	FALSE
-0,085	0,312	-0,003	0,010	0,094	FALSE
-0,124	0,311	-0,005	0,011	0,168	FALSE
0,011	0,302	0,001	0,007	0,052	FALSE
-0,098	0,313	-0,002	0,007	0,120	FALSE
-0,074	0,297	-0,002	0,009	0,087	FALSE
0,103	0,318	0,004	0,013	0,129	FALSE
-0,084	0,315	-0,003	0,010	0,126	FALSE
-0,081	0,316	-0,002	0,007	0,092	FALSE
0,007	0,309	0,000	0,013	0,012	FALSE
0,077	0,317	0,003	0,013	0,089	FALSE
0,069	0,316	0,003	0,013	0,079	FALSE
0,057	0,307	0,002	0,013	0,064	FALSE

0,103	0,302	0,002	0,009	0,110	FALSE
0,074	0,294	0,003	0,012	0,106	FALSE
0,009	0,311	0,000	0,007	0,019	FALSE
0,040	0,310	0,001	0,010	0,048	FALSE
0,011	0,290	0,000	0,008	0,002	FALSE
0,002	0,305	0,000	0,012	0,001	FALSE
-0,117	0,316	-0,003	0,009	0,142	FALSE
-0,096	0,307	-0,003	0,010	0,123	FALSE
0,035	0,307	0,002	0,010	0,061	FALSE
-0,017	0,302	0,000	0,008	0,012	FALSE
0,081	0,307	0,002	0,007	0,094	FALSE
-0,081	0,298	-0,002	0,007	0,083	FALSE
-0,028	0,313	0,000	0,007	0,003	FALSE
0,009	0,294	0,000	0,007	0,002	FALSE
-0,005	0,299	0,000	0,007	0,005	FALSE
0,105	0,294	0,004	0,010	0,148	FALSE
0,022	0,309	0,001	0,010	0,041	FALSE
0,039	0,282	0,001	0,007	0,072	FALSE
-0,045	0,316	-0,001	0,010	0,032	FALSE
-0,017	0,308	0,000	0,007	0,011	FALSE
0,015	0,310	0,001	0,006	0,032	FALSE
0,021	0,316	0,000	0,010	0,006	FALSE
0,037	0,306	0,001	0,009	0,045	FALSE
-0,037	0,294	-0,001	0,010	0,031	FALSE
0,069	0,313	0,002	0,009	0,083	FALSE
0,007	0,308	0,000	0,009	0,014	FALSE
0,112	0,303	0,002	0,006	0,157	FALSE
0,033	0,321	0,000	0,008	0,021	FALSE
0,076	0,311	0,002	0,007	0,107	FALSE
0,031	0,311	0,001	0,008	0,028	FALSE
-0,032	0,310	-0,002	0,013	0,044	FALSE
0,084	0,311	0,002	0,007	0,107	FALSE
0,108	0,294	0,004	0,008	0,195	FALSE
-0,045	0,315	-0,001	0,013	0,023	FALSE
-0,018	0,307	0,000	0,008	0,005	FALSE
0,050	0,305	0,001	0,008	0,053	FALSE
-0,025	0,322	-0,001	0,007	0,032	FALSE
0,048	0,309	0,001	0,011	0,030	FALSE
0,025	0,321	0,001	0,009	0,045	FALSE
-0,034	0,323	-0,001	0,012	0,044	FALSE
-0,010	0,307	0,000	0,012	0,005	FALSE
0,056	0,308	0,002	0,010	0,077	FALSE
0,018	0,315	0,000	0,011	0,012	FALSE
-0,018	0,312	0,000	0,011	0,007	FALSE
-0,023	0,313	-0,001	0,007	0,046	FALSE
0,062	0,290	0,002	0,010	0,054	FALSE
0,093	0,311	0,003	0,012	0,108	FALSE
-0,028	0,302	-0,001	0,012	0,025	FALSE
0,033	0,297	0,001	0,011	0,032	FALSE
0,002	0,316	0,000	0,008	0,003	FALSE
0,006	0,312	0,000	0,010	0,018	FALSE
-0,028	0,305	-0,001	0,013	0,022	FALSE
-0,032	0,288	-0,001	0,008	0,025	FALSE

0,075	0,306	0,002	0,008	0,089	FALSE
-0,084	0,313	-0,003	0,009	0,116	FALSE
-0,012	0,311	-0,001	0,013	0,020	FALSE
-0,062	0,299	-0,002	0,007	0,091	FALSE
-0,033	0,306	-0,001	0,009	0,044	FALSE
-0,022	0,318	-0,002	0,013	0,047	FALSE
-0,106	0,302	-0,004	0,011	0,150	FALSE
-0,129	0,293	-0,005	0,011	0,197	FALSE
-0,050	0,297	-0,002	0,011	0,061	FALSE
-0,088	0,304	-0,003	0,010	0,113	FALSE
0,092	0,318	0,002	0,008	0,075	FALSE
-0,088	0,304	-0,003	0,011	0,125	FALSE
0,037	0,305	0,001	0,009	0,022	FALSE
0,098	0,301	0,003	0,008	0,149	FALSE
-0,149	0,300	-0,006	0,011	0,233	FALSE
-0,143	0,296	-0,007	0,012	0,230	FALSE
-0,084	0,305	-0,003	0,009	0,120	FALSE
-0,075	0,310	-0,003	0,009	0,114	FALSE
0,099	0,294	0,004	0,011	0,160	FALSE
-0,054	0,302	-0,001	0,007	0,077	FALSE
0,066	0,297	0,002	0,008	0,073	FALSE
-0,080	0,300	-0,003	0,008	0,126	FALSE
-0,044	0,303	-0,001	0,008	0,049	FALSE
-0,121	0,294	-0,003	0,008	0,180	FALSE
-0,110	0,301	-0,004	0,013	0,112	FALSE
0,040	0,295	0,001	0,007	0,059	FALSE
0,063	0,304	0,002	0,008	0,087	FALSE
0,190	0,301	0,005	0,008	0,285	FALSE
0,173	0,291	0,007	0,011	0,266	FALSE
0,179	0,283	0,007	0,010	0,303	FALSE
0,081	0,300	0,002	0,006	0,152	FALSE
0,108	0,304	0,003	0,008	0,134	FALSE
-0,090	0,299	-0,004	0,011	0,144	FALSE
-0,071	0,313	-0,002	0,007	0,089	FALSE
0,090	0,315	0,002	0,008	0,095	FALSE
0,096	0,310	0,002	0,007	0,127	FALSE
0,129	0,290	0,004	0,008	0,202	FALSE
0,128	0,314	0,004	0,009	0,192	FALSE
-0,082	0,312	-0,002	0,009	0,094	FALSE
-0,014	0,306	0,000	0,011	0,017	FALSE
0,041	0,304	0,001	0,008	0,062	FALSE
0,013	0,297	0,000	0,007	0,024	FALSE
0,042	0,317	0,001	0,008	0,053	FALSE
-0,017	0,308	-0,001	0,011	0,038	FALSE
0,133	0,307	0,005	0,011	0,186	FALSE
0,163	0,309	0,006	0,011	0,246	FALSE
0,084	0,300	0,002	0,008	0,110	FALSE
-0,102	0,302	-0,004	0,012	0,125	FALSE
-0,114	0,306	-0,005	0,011	0,174	FALSE
0,073	0,304	0,003	0,009	0,109	FALSE
-0,031	0,308	-0,001	0,008	0,062	FALSE
-0,052	0,327	-0,001	0,008	0,072	FALSE
-0,027	0,310	-0,002	0,013	0,048	FALSE

-0,021	0,314	0,000	0,007	0,021	FALSE
-0,028	0,313	-0,001	0,010	0,053	FALSE
-0,133	0,312	-0,005	0,011	0,173	FALSE
0,103	0,318	0,003	0,009	0,139	FALSE
0,038	0,314	0,001	0,009	0,033	FALSE
-0,010	0,322	-0,001	0,010	0,028	FALSE
0,084	0,296	0,001	0,006	0,096	FALSE
-0,101	0,309	-0,003	0,009	0,130	FALSE
-0,031	0,318	-0,001	0,008	0,029	FALSE
-0,040	0,303	-0,001	0,008	0,030	FALSE
0,018	0,315	0,001	0,007	0,026	FALSE
0,103	0,304	0,002	0,007	0,134	FALSE
-0,039	0,309	0,000	0,006	0,025	FALSE
-0,035	0,311	0,000	0,006	0,027	FALSE
0,032	0,306	0,001	0,009	0,035	FALSE
0,013	0,311	0,001	0,010	0,027	FALSE
0,034	0,315	0,001	0,011	0,028	FALSE
0,010	0,314	0,000	0,009	0,017	FALSE
0,077	0,313	0,004	0,013	0,110	FALSE
0,022	0,308	0,000	0,007	0,009	FALSE
0,034	0,301	0,001	0,011	0,043	FALSE
0,055	0,284	0,002	0,011	0,069	FALSE
0,051	0,298	0,002	0,010	0,061	FALSE
-0,030	0,298	0,000	0,010	0,003	FALSE
-0,236	0,295	-0,007	0,008	0,380	FALSE
0,067	0,310	0,003	0,011	0,121	FALSE
-0,159	0,302	-0,006	0,009	0,266	FALSE
0,128	0,308	0,003	0,009	0,141	FALSE
-0,019	0,322	-0,001	0,012	0,025	FALSE
-0,014	0,307	-0,001	0,012	0,030	FALSE
0,175	0,315	0,004	0,007	0,243	FALSE
-0,032	0,312	-0,001	0,009	0,046	FALSE
-0,010	0,303	0,000	0,011	0,013	FALSE
-0,035	0,308	0,000	0,011	0,006	FALSE
0,035	0,306	0,002	0,012	0,053	FALSE
-0,054	0,312	-0,001	0,008	0,067	FALSE
0,144	0,301	0,004	0,008	0,195	FALSE
0,034	0,303	0,001	0,008	0,028	FALSE
-0,002	0,311	0,000	0,006	0,007	FALSE
-0,054	0,322	-0,001	0,011	0,049	FALSE
-0,077	0,311	-0,003	0,012	0,096	FALSE
-0,067	0,307	-0,003	0,013	0,092	FALSE
-0,096	0,309	-0,003	0,011	0,121	FALSE
0,084	0,311	0,003	0,008	0,129	FALSE
-0,104	0,300	-0,004	0,012	0,139	FALSE
0,056	0,306	0,002	0,009	0,071	FALSE
-0,086	0,314	-0,003	0,010	0,095	FALSE
-0,097	0,302	-0,004	0,011	0,125	FALSE
-0,056	0,310	-0,002	0,013	0,061	FALSE
-0,077	0,305	-0,003	0,011	0,087	FALSE
-0,042	0,312	-0,001	0,010	0,039	FALSE
-0,080	0,307	-0,003	0,011	0,087	FALSE
-0,105	0,301	-0,003	0,009	0,128	FALSE

-0,020	0,311	-0,001	0,009	0,029	FALSE
-0,133	0,313	-0,004	0,009	0,172	FALSE
0,057	0,307	0,003	0,013	0,076	FALSE
0,022	0,306	0,001	0,012	0,023	FALSE
0,166	0,309	0,005	0,010	0,216	FALSE
0,076	0,307	0,002	0,007	0,081	FALSE
-0,083	0,317	-0,001	0,006	0,080	FALSE
-0,029	0,297	0,000	0,006	0,025	FALSE
-0,105	0,289	-0,005	0,012	0,156	FALSE
0,064	0,317	0,002	0,007	0,080	FALSE
0,005	0,305	0,000	0,007	0,017	FALSE
-0,152	0,303	-0,005	0,009	0,204	FALSE
-0,001	0,306	0,000	0,008	0,000	FALSE
-0,027	0,310	-0,001	0,007	0,037	FALSE
-0,020	0,312	-0,001	0,008	0,023	FALSE
-0,023	0,306	0,000	0,007	0,017	FALSE
-0,199	0,293	-0,007	0,011	0,287	FALSE
0,000	0,319	0,000	0,006	0,017	FALSE
0,044	0,296	0,001	0,007	0,036	FALSE
-0,035	0,301	-0,001	0,007	0,060	FALSE
0,032	0,295	0,002	0,007	0,082	FALSE
0,042	0,319	0,002	0,012	0,072	FALSE
-0,130	0,295	-0,004	0,008	0,216	FALSE
-0,040	0,316	-0,002	0,009	0,071	FALSE
-0,018	0,308	0,000	0,007	0,011	FALSE
0,018	0,311	0,001	0,009	0,035	FALSE
0,042	0,311	0,001	0,011	0,032	FALSE
-0,014	0,330	0,000	0,010	0,011	FALSE
-0,102	0,306	-0,002	0,008	0,126	FALSE
0,009	0,315	0,000	0,007	0,013	FALSE
0,066	0,310	0,001	0,006	0,065	FALSE
0,208	0,302	0,007	0,011	0,295	FALSE
-0,010	0,305	-0,001	0,007	0,057	FALSE
0,017	0,295	-0,001	0,008	0,024	FALSE
-0,064	0,300	-0,002	0,009	0,070	FALSE
-0,102	0,324	-0,003	0,009	0,133	FALSE
0,029	0,312	0,001	0,008	0,034	FALSE
0,000	0,311	0,000	0,009	0,006	FALSE
-0,092	0,306	-0,004	0,012	0,135	FALSE
0,105	0,297	0,002	0,007	0,122	FALSE
0,025	0,302	0,001	0,008	0,024	FALSE
-0,003	0,305	0,000	0,007	0,012	FALSE
-0,109	0,301	-0,003	0,011	0,100	FALSE
-0,080	0,302	-0,001	0,007	0,071	FALSE
-0,043	0,311	0,000	0,010	0,010	FALSE
-0,131	0,315	-0,004	0,009	0,176	FALSE
-0,132	0,317	-0,004	0,009	0,170	FALSE
-0,024	0,310	0,000	0,007	0,018	FALSE
0,135	0,299	0,007	0,013	0,232	FALSE
0,008	0,330	0,000	0,011	0,007	FALSE
0,057	0,322	0,002	0,012	0,066	FALSE
0,068	0,313	0,002	0,008	0,101	FALSE
0,193	0,288	0,005	0,007	0,328	FALSE

-0,035	0,308	-0,002	0,011	0,062	FALSE
0,005	0,314	0,001	0,008	0,039	FALSE
0,013	0,323	0,000	0,009	0,016	FALSE
0,005	0,311	0,001	0,011	0,022	FALSE
-0,038	0,300	-0,002	0,009	0,077	FALSE
0,019	0,323	0,001	0,012	0,032	FALSE
0,019	0,314	0,000	0,008	0,019	FALSE
0,021	0,317	0,001	0,012	0,039	FALSE
0,066	0,312	0,002	0,012	0,071	FALSE
0,001	0,300	0,000	0,013	0,002	FALSE
-0,028	0,312	-0,001	0,012	0,044	FALSE
-0,004	0,304	0,000	0,010	0,017	FALSE
-0,054	0,319	-0,001	0,008	0,049	FALSE
-0,075	0,301	-0,002	0,009	0,084	FALSE
-0,061	0,311	-0,002	0,007	0,078	FALSE
-0,017	0,307	-0,001	0,011	0,024	FALSE
-0,156	0,294	-0,006	0,011	0,222	FALSE
0,049	0,301	0,001	0,010	0,048	FALSE
0,058	0,316	0,002	0,011	0,073	FALSE
0,086	0,320	0,002	0,008	0,118	FALSE
0,077	0,289	0,002	0,012	0,076	FALSE
0,111	0,320	0,003	0,010	0,131	FALSE
0,082	0,322	0,002	0,010	0,075	FALSE
0,127	0,305	0,003	0,007	0,160	FALSE
0,022	0,309	0,001	0,013	0,027	FALSE
0,001	0,318	0,000	0,013	0,012	FALSE
0,115	0,310	0,005	0,011	0,166	FALSE
-0,071	0,309	-0,002	0,008	0,110	FALSE
-0,125	0,312	-0,003	0,008	0,164	FALSE
0,191	0,304	0,007	0,011	0,280	FALSE
-0,034	0,310	0,000	0,007	0,023	FALSE
-0,092	0,311	-0,002	0,007	0,101	FALSE
0,071	0,288	0,003	0,008	0,145	FALSE
0,031	0,313	0,002	0,011	0,071	FALSE
0,071	0,310	0,001	0,006	0,070	FALSE
0,022	0,307	0,000	0,007	0,002	FALSE
0,124	0,316	0,005	0,013	0,170	FALSE
0,116	0,305	0,005	0,012	0,179	FALSE
0,154	0,309	0,003	0,007	0,208	FALSE
-0,148	0,304	-0,007	0,013	0,224	FALSE
0,041	0,296	0,001	0,008	0,057	FALSE
0,062	0,296	0,001	0,008	0,062	FALSE
0,071	0,317	0,002	0,008	0,074	FALSE
0,072	0,307	0,003	0,012	0,102	FALSE
-0,169	0,309	-0,008	0,013	0,257	FALSE
-0,065	0,322	-0,002	0,008	0,102	FALSE
-0,035	0,316	-0,001	0,008	0,053	FALSE
0,147	0,281	0,006	0,011	0,221	FALSE
0,184	0,296	0,008	0,013	0,266	FALSE
0,087	0,309	0,002	0,007	0,113	FALSE
0,109	0,299	0,004	0,010	0,160	FALSE
-0,055	0,312	-0,001	0,007	0,068	FALSE
-0,080	0,317	-0,003	0,011	0,111	FALSE

-0,026	0,308	-0,001	0,010	0,033	FALSE
-0,021	0,308	-0,001	0,008	0,053	FALSE
-0,085	0,300	-0,003	0,010	0,136	FALSE
-0,009	0,301	0,000	0,010	0,004	FALSE
0,013	0,317	0,000	0,013	0,008	FALSE
-0,009	0,315	-0,001	0,009	0,026	FALSE
-0,100	0,304	-0,003	0,010	0,135	FALSE
-0,028	0,314	-0,001	0,008	0,070	FALSE
-0,048	0,315	-0,002	0,010	0,063	FALSE
0,006	0,315	-0,001	0,013	0,023	FALSE
-0,077	0,297	-0,002	0,008	0,105	FALSE
-0,034	0,300	-0,001	0,006	0,041	FALSE
-0,025	0,324	-0,001	0,007	0,039	FALSE
-0,050	0,298	-0,001	0,006	0,065	FALSE
-0,050	0,318	-0,001	0,007	0,056	FALSE
-0,098	0,313	-0,004	0,009	0,166	FALSE
-0,039	0,309	-0,001	0,007	0,059	FALSE
-0,036	0,297	-0,001	0,011	0,043	FALSE
-0,024	0,300	-0,002	0,012	0,060	FALSE
0,064	0,308	0,002	0,011	0,057	FALSE
0,012	0,315	0,000	0,007	0,021	FALSE
0,089	0,297	0,003	0,009	0,130	FALSE
-0,021	0,302	0,000	0,007	0,025	FALSE
-0,076	0,309	-0,002	0,007	0,098	FALSE
-0,113	0,302	-0,004	0,009	0,161	FALSE
-0,044	0,327	-0,001	0,012	0,035	FALSE
-0,015	0,317	-0,001	0,013	0,027	FALSE
0,001	0,304	0,000	0,013	0,006	FALSE
-0,035	0,305	0,000	0,007	0,010	FALSE
-0,031	0,329	0,000	0,007	0,007	FALSE
0,044	0,307	0,001	0,010	0,052	FALSE
-0,029	0,313	0,000	0,007	0,023	FALSE
0,115	0,309	0,003	0,008	0,154	FALSE
-0,054	0,319	-0,002	0,010	0,070	FALSE
-0,028	0,312	0,000	0,007	0,018	FALSE
-0,043	0,315	-0,001	0,007	0,057	FALSE
-0,092	0,307	-0,002	0,007	0,129	FALSE
-0,014	0,302	0,000	0,010	0,002	FALSE
-0,017	0,318	0,000	0,007	0,007	FALSE
-0,001	0,302	-0,001	0,009	0,033	FALSE
0,025	0,311	0,000	0,012	0,014	FALSE
0,085	0,320	0,002	0,009	0,090	FALSE
-0,009	0,281	0,000	0,010	0,005	FALSE
0,004	0,313	0,000	0,013	0,011	FALSE
0,037	0,310	0,001	0,007	0,058	FALSE
-0,072	0,299	-0,003	0,012	0,076	FALSE
0,017	0,306	0,001	0,009	0,059	FALSE
-0,122	0,312	-0,003	0,007	0,186	FALSE
-0,043	0,314	-0,002	0,012	0,065	FALSE
0,046	0,320	0,002	0,008	0,076	FALSE
-0,142	0,304	-0,005	0,011	0,215	FALSE
0,079	0,288	0,002	0,007	0,109	FALSE
-0,102	0,308	-0,003	0,008	0,139	FALSE

0,146	0,303	0,003	0,007	0,211	FALSE
-0,035	0,313	-0,001	0,013	0,041	FALSE
-0,043	0,307	-0,002	0,011	0,053	FALSE
-0,074	0,313	-0,002	0,013	0,070	FALSE
-0,042	0,314	-0,001	0,010	0,041	FALSE
0,061	0,293	0,002	0,009	0,079	FALSE
-0,033	0,317	-0,002	0,009	0,062	FALSE
-0,016	0,303	0,000	0,008	0,003	FALSE
0,023	0,300	0,001	0,007	0,044	FALSE
-0,017	0,314	0,000	0,012	0,011	FALSE
0,041	0,292	0,002	0,009	0,070	FALSE
0,005	0,314	0,000	0,012	0,009	FALSE
-0,016	0,298	0,000	0,009	0,000	FALSE
0,068	0,302	0,002	0,008	0,121	FALSE
-0,090	0,294	-0,004	0,012	0,136	FALSE
0,027	0,318	0,001	0,011	0,041	FALSE
-0,038	0,305	0,000	0,008	0,013	FALSE
-0,061	0,304	-0,003	0,012	0,098	FALSE
0,127	0,297	0,003	0,007	0,185	FALSE
-0,116	0,315	-0,004	0,009	0,154	FALSE
0,035	0,295	0,000	0,012	0,002	FALSE
0,055	0,310	0,002	0,008	0,076	FALSE
-0,051	0,305	-0,001	0,011	0,032	FALSE
-0,107	0,307	-0,004	0,011	0,139	FALSE
-0,084	0,318	-0,003	0,012	0,108	FALSE
0,155	0,305	0,005	0,010	0,181	FALSE
-0,022	0,318	-0,001	0,007	0,030	FALSE
0,019	0,315	0,001	0,010	0,020	FALSE
-0,067	0,317	-0,003	0,010	0,106	FALSE
-0,143	0,304	-0,006	0,012	0,191	FALSE
-0,023	0,293	-0,001	0,009	0,038	FALSE
-0,091	0,304	-0,003	0,012	0,109	FALSE
-0,090	0,315	-0,003	0,013	0,097	FALSE
0,059	0,313	0,003	0,013	0,079	FALSE
0,120	0,306	0,004	0,011	0,133	FALSE
0,125	0,313	0,003	0,009	0,117	FALSE
0,133	0,286	0,003	0,008	0,161	FALSE
0,079	0,297	0,002	0,008	0,122	FALSE
0,008	0,310	0,000	0,007	0,006	FALSE
0,016	0,309	0,000	0,012	0,006	FALSE
0,003	0,301	0,000	0,007	0,012	FALSE
0,085	0,305	0,002	0,009	0,100	FALSE
0,004	0,319	0,000	0,013	0,011	FALSE
-0,065	0,330	-0,001	0,006	0,052	FALSE
0,022	0,300	0,001	0,009	0,039	FALSE
0,067	0,317	0,002	0,007	0,093	FALSE
-0,109	0,306	-0,002	0,007	0,125	FALSE
-0,042	0,311	-0,001	0,010	0,046	FALSE
-0,053	0,299	-0,001	0,008	0,054	FALSE
-0,062	0,314	-0,001	0,010	0,054	FALSE
0,114	0,311	0,002	0,006	0,131	FALSE
0,117	0,306	0,002	0,006	0,127	FALSE
0,081	0,298	0,003	0,011	0,086	FALSE

-0,006	0,314	0,000	0,008	0,019	FALSE
-0,052	0,323	-0,001	0,013	0,036	FALSE
0,021	0,295	0,000	0,007	0,025	FALSE
-0,043	0,321	-0,001	0,010	0,053	FALSE
0,077	0,319	0,002	0,008	0,101	FALSE
0,028	0,303	0,001	0,012	0,040	FALSE
0,049	0,314	0,001	0,012	0,036	FALSE
-0,072	0,319	-0,001	0,006	0,070	FALSE
-0,005	0,291	-0,001	0,008	0,030	FALSE
-0,085	0,306	-0,003	0,011	0,110	FALSE
-0,050	0,305	-0,001	0,008	0,066	FALSE
0,122	0,301	0,003	0,006	0,165	FALSE
0,084	0,296	0,002	0,006	0,112	FALSE
-0,006	0,304	0,000	0,007	0,027	FALSE
-0,016	0,301	-0,001	0,013	0,027	FALSE
0,022	0,316	0,001	0,013	0,038	FALSE
-0,028	0,313	0,000	0,007	0,011	FALSE
-0,132	0,297	-0,005	0,012	0,179	FALSE
0,085	0,305	0,003	0,010	0,117	FALSE
0,108	0,292	0,003	0,007	0,183	FALSE
0,062	0,307	0,003	0,011	0,104	FALSE
0,147	0,302	0,005	0,009	0,232	FALSE
-0,014	0,310	-0,001	0,008	0,030	FALSE
-0,091	0,327	-0,004	0,013	0,111	FALSE
0,203	0,296	0,006	0,009	0,315	FALSE
0,132	0,313	0,004	0,011	0,145	FALSE
0,003	0,303	-0,001	0,012	0,031	FALSE
-0,080	0,305	-0,003	0,009	0,115	FALSE
0,069	0,292	0,002	0,011	0,053	FALSE
0,078	0,311	0,003	0,011	0,090	FALSE
-0,061	0,315	-0,002	0,011	0,065	FALSE
-0,027	0,305	-0,001	0,012	0,042	FALSE
0,065	0,303	0,002	0,008	0,083	FALSE
-0,052	0,289	-0,001	0,007	0,038	FALSE
-0,022	0,326	0,000	0,013	0,012	FALSE
0,036	0,316	0,001	0,013	0,031	FALSE
0,068	0,286	0,002	0,012	0,057	FALSE
0,038	0,316	0,001	0,013	0,035	FALSE
-0,076	0,311	-0,002	0,008	0,100	FALSE
0,072	0,320	0,003	0,012	0,084	FALSE
0,057	0,308	0,001	0,008	0,056	FALSE
-0,092	0,321	-0,002	0,007	0,082	FALSE
0,105	0,305	0,003	0,012	0,109	FALSE
0,066	0,303	0,002	0,012	0,050	FALSE
-0,106	0,306	-0,002	0,007	0,146	FALSE
0,005	0,305	-0,001	0,010	0,019	FALSE
0,024	0,317	0,000	0,011	0,002	FALSE
0,007	0,306	0,000	0,009	0,000	FALSE
0,070	0,299	0,001	0,007	0,085	FALSE
-0,130	0,306	-0,003	0,007	0,159	FALSE
0,007	0,294	0,000	0,011	0,005	FALSE
0,034	0,315	0,001	0,008	0,063	FALSE
0,019	0,317	0,001	0,012	0,019	FALSE

0,008	0,314	0,000	0,008	0,002	FALSE
0,035	0,305	0,001	0,009	0,049	FALSE
-0,065	0,307	-0,001	0,006	0,080	FALSE
-0,029	0,309	-0,001	0,012	0,025	FALSE
0,080	0,304	0,002	0,007	0,106	FALSE
-0,028	0,308	-0,003	0,013	0,093	FALSE
-0,100	0,297	-0,003	0,010	0,120	FALSE
-0,002	0,301	-0,001	0,010	0,017	FALSE
0,008	0,290	0,000	0,007	0,008	FALSE
-0,036	0,303	-0,001	0,010	0,047	FALSE
0,028	0,304	0,001	0,012	0,035	FALSE
0,014	0,315	0,000	0,009	0,002	FALSE
-0,079	0,304	-0,002	0,007	0,132	FALSE
0,037	0,305	0,002	0,013	0,055	FALSE
0,044	0,304	0,002	0,012	0,071	FALSE
0,018	0,304	0,001	0,010	0,049	FALSE
0,043	0,305	0,002	0,009	0,069	FALSE
-0,018	0,312	0,000	0,010	0,011	FALSE
0,054	0,316	0,003	0,011	0,087	FALSE
0,075	0,319	0,003	0,011	0,100	FALSE
0,026	0,332	0,001	0,012	0,040	FALSE
-0,036	0,305	-0,002	0,013	0,054	FALSE
0,037	0,296	0,002	0,013	0,053	FALSE
-0,139	0,303	-0,002	0,006	0,168	FALSE
-0,019	0,294	-0,002	0,011	0,051	FALSE
0,010	0,317	0,001	0,008	0,048	FALSE
0,078	0,301	0,003	0,010	0,133	FALSE
0,070	0,303	0,002	0,006	0,130	FALSE
-0,087	0,303	-0,002	0,008	0,106	FALSE
-0,042	0,312	-0,001	0,008	0,034	FALSE
0,029	0,300	0,001	0,008	0,045	FALSE
0,085	0,307	0,003	0,013	0,102	FALSE
0,004	0,305	0,000	0,008	0,006	FALSE
0,084	0,293	0,004	0,012	0,114	FALSE
0,008	0,323	0,001	0,012	0,027	FALSE
-0,078	0,298	-0,004	0,012	0,122	FALSE
-0,004	0,313	-0,001	0,012	0,027	FALSE
0,000	0,287	0,002	0,012	0,058	FALSE
0,034	0,301	0,000	0,010	0,001	FALSE
0,082	0,294	0,001	0,006	0,081	FALSE
-0,049	0,306	-0,002	0,009	0,076	FALSE
-0,070	0,307	-0,002	0,008	0,090	FALSE
-0,099	0,320	-0,002	0,006	0,090	FALSE
-0,030	0,306	-0,001	0,008	0,044	FALSE
-0,174	0,318	-0,004	0,007	0,240	FALSE
-0,017	0,308	-0,001	0,013	0,025	FALSE
0,015	0,307	0,001	0,011	0,024	FALSE
-0,061	0,304	-0,003	0,013	0,086	FALSE
0,041	0,305	0,002	0,011	0,060	FALSE
0,186	0,302	0,008	0,013	0,275	FALSE
-0,125	0,300	-0,005	0,011	0,172	FALSE
-0,133	0,300	-0,005	0,011	0,176	FALSE
-0,035	0,310	-0,002	0,012	0,046	FALSE

-0,100	0,282	-0,003	0,007	0,159	FALSE
-0,007	0,311	0,000	0,010	0,007	FALSE
-0,015	0,298	0,000	0,010	0,000	FALSE
0,013	0,298	0,000	0,011	0,012	FALSE
-0,004	0,308	0,000	0,011	0,008	FALSE
0,019	0,305	0,001	0,012	0,024	FALSE
-0,094	0,308	-0,004	0,012	0,145	FALSE
0,033	0,299	0,001	0,008	0,028	FALSE
0,038	0,304	0,001	0,010	0,045	FALSE
0,049	0,301	0,002	0,011	0,081	FALSE
-0,008	0,299	-0,001	0,008	0,038	FALSE
-0,058	0,317	-0,001	0,007	0,052	FALSE
-0,094	0,320	-0,003	0,013	0,099	FALSE
0,124	0,297	0,004	0,012	0,134	FALSE
0,045	0,302	0,001	0,012	0,034	FALSE
0,103	0,304	0,002	0,007	0,123	FALSE
0,029	0,305	0,000	0,008	0,013	FALSE
0,051	0,299	0,002	0,012	0,056	FALSE
0,059	0,310	0,001	0,006	0,049	FALSE
-0,004	0,293	0,000	0,008	0,006	FALSE
-0,031	0,302	-0,001	0,010	0,038	FALSE
0,122	0,297	0,003	0,007	0,186	FALSE
-0,019	0,293	0,000	0,007	0,008	FALSE
0,109	0,304	0,003	0,010	0,124	FALSE
0,082	0,304	0,003	0,013	0,104	FALSE
-0,003	0,319	0,000	0,012	0,013	FALSE
-0,003	0,313	0,000	0,007	0,001	FALSE
-0,064	0,318	-0,002	0,013	0,053	FALSE
-0,063	0,304	-0,002	0,011	0,062	FALSE
-0,004	0,308	0,000	0,007	0,009	FALSE
0,051	0,307	0,002	0,011	0,060	FALSE
0,147	0,298	0,004	0,010	0,184	FALSE
-0,019	0,304	-0,001	0,010	0,039	FALSE
-0,034	0,302	-0,001	0,008	0,034	FALSE
-0,007	0,324	0,000	0,007	0,013	FALSE
0,079	0,299	0,002	0,008	0,090	FALSE
0,061	0,310	0,002	0,007	0,084	FALSE
-0,002	0,321	0,000	0,013	0,000	FALSE
0,045	0,299	0,001	0,007	0,086	FALSE
0,018	0,303	0,000	0,011	0,001	FALSE
0,068	0,315	0,002	0,010	0,098	FALSE
0,065	0,311	0,002	0,010	0,091	FALSE
0,080	0,315	0,003	0,010	0,111	FALSE
0,029	0,299	0,000	0,006	0,008	FALSE
0,002	0,300	-0,001	0,012	0,021	FALSE
-0,024	0,312	0,000	0,011	0,009	FALSE
0,002	0,301	-0,001	0,012	0,024	FALSE
0,032	0,306	0,000	0,008	0,003	FALSE
-0,023	0,308	0,000	0,010	0,006	FALSE
-0,100	0,311	-0,003	0,008	0,138	FALSE
-0,002	0,307	0,000	0,009	0,012	FALSE
-0,025	0,301	-0,001	0,012	0,035	FALSE
-0,036	0,321	-0,002	0,013	0,046	FALSE

-0,077	0,317	-0,003	0,012	0,098	FALSE
0,073	0,313	0,003	0,012	0,091	FALSE
0,114	0,312	0,002	0,007	0,119	FALSE
0,134	0,307	0,003	0,008	0,163	FALSE
0,030	0,304	0,001	0,009	0,041	FALSE
0,148	0,299	0,003	0,007	0,184	FALSE
0,042	0,295	0,001	0,006	0,070	FALSE
0,083	0,303	0,002	0,007	0,091	FALSE
0,117	0,310	0,005	0,012	0,188	FALSE
-0,121	0,309	-0,004	0,009	0,171	FALSE
-0,080	0,315	-0,003	0,013	0,092	FALSE
-0,169	0,294	-0,007	0,012	0,229	FALSE
0,104	0,300	0,003	0,008	0,144	FALSE
-0,042	0,295	-0,001	0,006	0,088	FALSE
0,043	0,306	0,002	0,013	0,063	FALSE
-0,174	0,292	-0,007	0,011	0,265	FALSE
0,035	0,311	0,001	0,011	0,019	FALSE
0,073	0,317	0,002	0,012	0,057	FALSE
0,050	0,313	0,002	0,011	0,055	FALSE
-0,040	0,315	-0,001	0,007	0,031	FALSE
0,088	0,304	0,003	0,010	0,129	FALSE
0,146	0,313	0,003	0,007	0,186	FALSE
0,081	0,315	0,002	0,007	0,089	FALSE
-0,029	0,326	-0,001	0,010	0,029	FALSE
-0,081	0,311	-0,002	0,008	0,093	FALSE
0,104	0,310	0,004	0,010	0,151	FALSE
0,065	0,306	0,003	0,010	0,101	FALSE
0,044	0,310	0,002	0,013	0,058	FALSE
0,173	0,313	0,006	0,013	0,214	FALSE
-0,057	0,304	-0,002	0,009	0,075	FALSE
0,108	0,316	0,004	0,012	0,155	FALSE
-0,119	0,309	-0,005	0,012	0,173	FALSE
0,117	0,304	0,003	0,006	0,164	FALSE
-0,015	0,314	-0,001	0,006	0,031	FALSE
0,014	0,290	0,000	0,011	0,011	FALSE
-0,011	0,298	-0,001	0,009	0,026	FALSE
0,028	0,311	0,002	0,013	0,061	FALSE
0,080	0,312	0,004	0,011	0,132	FALSE
-0,058	0,304	-0,002	0,010	0,092	FALSE
-0,051	0,318	-0,001	0,007	0,064	FALSE
-0,044	0,313	-0,001	0,006	0,051	FALSE
-0,096	0,316	-0,003	0,012	0,096	FALSE
-0,121	0,298	-0,004	0,012	0,154	FALSE
-0,075	0,306	-0,002	0,012	0,070	FALSE
0,056	0,319	0,001	0,008	0,070	FALSE
0,005	0,320	0,000	0,013	0,012	FALSE
0,000	0,328	0,000	0,013	0,005	FALSE
-0,086	0,302	-0,003	0,012	0,076	FALSE
0,038	0,312	0,001	0,011	0,037	FALSE
-0,040	0,319	-0,001	0,008	0,034	FALSE
-0,027	0,322	-0,001	0,013	0,018	FALSE
-0,011	0,298	0,000	0,007	0,009	FALSE
0,020	0,309	0,001	0,007	0,068	FALSE

0,151	0,307	0,005	0,008	0,252	FALSE
0,152	0,292	0,003	0,007	0,169	FALSE
0,088	0,290	0,002	0,007	0,094	FALSE
-0,057	0,303	-0,002	0,011	0,076	FALSE
0,113	0,307	0,003	0,008	0,178	FALSE
0,053	0,301	0,001	0,007	0,042	FALSE
0,118	0,310	0,004	0,008	0,190	FALSE
-0,061	0,301	-0,001	0,007	0,048	FALSE
-0,042	0,291	-0,001	0,007	0,082	FALSE
0,017	0,308	0,001	0,009	0,036	FALSE
-0,030	0,303	-0,001	0,007	0,063	FALSE
-0,025	0,306	-0,001	0,007	0,069	FALSE
0,016	0,287	0,000	0,009	0,019	FALSE
-0,045	0,303	-0,001	0,007	0,054	FALSE
0,027	0,315	0,002	0,010	0,079	FALSE
0,046	0,322	0,001	0,009	0,027	FALSE
-0,045	0,319	-0,002	0,013	0,068	FALSE
0,014	0,314	0,001	0,007	0,039	FALSE
0,104	0,296	0,002	0,006	0,130	FALSE
0,086	0,304	0,003	0,008	0,135	FALSE
0,142	0,304	0,003	0,007	0,171	FALSE
-0,092	0,305	-0,006	0,013	0,183	FALSE
-0,050	0,300	-0,002	0,012	0,067	FALSE
0,019	0,308	0,001	0,012	0,018	FALSE
0,096	0,302	0,002	0,008	0,099	FALSE
0,098	0,312	0,003	0,010	0,141	FALSE
-0,006	0,317	0,000	0,011	0,011	FALSE
-0,028	0,311	0,000	0,013	0,010	FALSE
-0,022	0,312	0,000	0,013	0,002	FALSE
0,002	0,317	0,000	0,009	0,011	FALSE
0,030	0,296	0,001	0,009	0,021	FALSE
0,051	0,314	0,003	0,012	0,096	FALSE
0,022	0,309	0,000	0,013	0,014	FALSE
0,017	0,316	0,002	0,013	0,054	FALSE
0,027	0,309	-0,001	0,013	0,014	FALSE
0,021	0,323	0,002	0,013	0,063	FALSE
0,038	0,298	0,002	0,012	0,076	FALSE
0,012	0,309	0,001	0,012	0,039	FALSE
0,057	0,307	0,004	0,013	0,110	FALSE
0,034	0,309	0,002	0,013	0,072	FALSE
-0,080	0,303	-0,002	0,008	0,111	FALSE
-0,045	0,307	-0,002	0,011	0,066	FALSE
-0,043	0,304	-0,002	0,011	0,068	FALSE
-0,063	0,288	-0,003	0,010	0,106	FALSE
-0,061	0,297	-0,003	0,010	0,103	FALSE
-0,075	0,299	-0,003	0,008	0,122	FALSE
-0,079	0,301	-0,003	0,011	0,126	FALSE
-0,034	0,310	-0,002	0,011	0,066	FALSE
-0,057	0,306	-0,003	0,011	0,091	FALSE
-0,043	0,311	-0,001	0,009	0,055	FALSE
-0,030	0,313	-0,001	0,011	0,046	FALSE
-0,034	0,311	-0,001	0,011	0,046	FALSE
-0,107	0,300	-0,002	0,006	0,110	FALSE

-0,034	0,304	-0,002	0,011	0,054	FALSE
-0,147	0,306	-0,005	0,010	0,205	FALSE
-0,133	0,304	-0,003	0,007	0,205	FALSE
0,130	0,297	0,004	0,008	0,205	FALSE
-0,044	0,301	-0,002	0,013	0,047	FALSE
0,021	0,306	0,000	0,009	0,003	FALSE
0,035	0,309	0,001	0,008	0,038	FALSE
0,132	0,303	0,003	0,007	0,163	FALSE
-0,030	0,309	-0,001	0,007	0,041	FALSE
-0,011	0,321	0,000	0,012	0,011	FALSE
-0,033	0,321	-0,001	0,007	0,029	FALSE
0,031	0,304	0,001	0,008	0,052	FALSE
0,045	0,305	0,002	0,013	0,048	FALSE
0,026	0,323	0,001	0,013	0,026	FALSE
-0,047	0,304	-0,001	0,009	0,042	FALSE
0,025	0,325	0,001	0,009	0,040	FALSE
0,087	0,307	0,004	0,010	0,135	FALSE
-0,111	0,309	-0,002	0,007	0,127	FALSE
0,024	0,307	0,001	0,010	0,024	FALSE
0,034	0,301	0,002	0,012	0,048	FALSE
-0,069	0,315	-0,003	0,012	0,100	FALSE
0,125	0,322	0,003	0,009	0,145	FALSE
-0,015	0,309	0,000	0,007	0,011	FALSE
0,061	0,305	0,002	0,010	0,094	FALSE
0,004	0,299	0,000	0,010	0,012	FALSE
0,009	0,313	0,000	0,008	0,019	FALSE
0,071	0,322	0,003	0,010	0,099	FALSE
0,058	0,312	0,002	0,008	0,093	FALSE
-0,029	0,321	0,000	0,008	0,020	FALSE
0,100	0,308	0,004	0,013	0,131	FALSE
-0,031	0,313	-0,001	0,013	0,030	FALSE
-0,047	0,305	0,000	0,006	0,026	FALSE
-0,053	0,317	-0,002	0,010	0,073	FALSE
0,048	0,306	0,002	0,013	0,047	FALSE
0,058	0,304	0,002	0,012	0,066	FALSE
-0,106	0,315	-0,002	0,007	0,132	FALSE
0,063	0,320	0,002	0,012	0,066	FALSE
-0,017	0,311	0,000	0,007	0,014	FALSE
-0,142	0,303	-0,004	0,008	0,189	FALSE
-0,035	0,315	-0,002	0,013	0,051	FALSE
-0,074	0,296	-0,002	0,007	0,088	FALSE
0,072	0,321	0,003	0,012	0,090	FALSE
0,047	0,308	0,000	0,007	0,018	FALSE
0,096	0,305	0,002	0,007	0,086	FALSE
0,070	0,305	0,004	0,012	0,116	FALSE
0,043	0,309	0,002	0,012	0,054	FALSE
0,111	0,313	0,004	0,008	0,183	FALSE
-0,071	0,301	-0,002	0,007	0,085	FALSE
-0,011	0,309	0,000	0,007	0,005	FALSE
0,041	0,302	0,001	0,006	0,089	FALSE
-0,042	0,306	-0,001	0,013	0,034	FALSE
0,105	0,315	0,005	0,013	0,141	FALSE
0,072	0,310	0,002	0,008	0,070	FALSE

-0,044	0,316	-0,002	0,013	0,069	FALSE
-0,048	0,308	-0,001	0,007	0,042	FALSE
0,127	0,307	0,005	0,011	0,210	FALSE
0,115	0,303	0,005	0,011	0,192	FALSE
0,136	0,305	0,006	0,011	0,216	FALSE
0,141	0,305	0,006	0,011	0,213	FALSE
-0,023	0,314	-0,001	0,008	0,030	FALSE
-0,106	0,313	-0,004	0,011	0,159	FALSE
-0,007	0,311	0,001	0,009	0,021	FALSE
0,020	0,270	0,002	0,011	0,060	FALSE
0,057	0,292	0,002	0,011	0,062	FALSE
-0,085	0,293	-0,002	0,011	0,071	FALSE
0,002	0,302	0,001	0,010	0,036	FALSE
-0,050	0,305	-0,002	0,008	0,109	FALSE
0,099	0,302	0,003	0,008	0,157	FALSE
0,104	0,310	0,003	0,008	0,164	FALSE
0,079	0,299	0,003	0,007	0,140	FALSE
0,056	0,302	0,002	0,011	0,083	FALSE
-0,108	0,303	-0,002	0,007	0,143	FALSE
-0,076	0,299	-0,002	0,006	0,115	FALSE
-0,114	0,307	-0,005	0,011	0,178	FALSE
0,128	0,309	0,003	0,006	0,196	FALSE
-0,001	0,304	0,000	0,010	0,006	FALSE
-0,053	0,320	-0,002	0,010	0,056	FALSE
-0,085	0,307	-0,002	0,006	0,127	FALSE
0,048	0,293	0,001	0,009	0,058	FALSE
-0,032	0,308	-0,002	0,010	0,058	FALSE
-0,015	0,302	-0,001	0,010	0,038	FALSE
-0,096	0,321	-0,002	0,008	0,115	FALSE
-0,034	0,310	-0,002	0,012	0,053	FALSE
-0,066	0,314	-0,001	0,008	0,061	FALSE
-0,049	0,302	-0,001	0,008	0,045	FALSE
-0,038	0,301	-0,002	0,012	0,049	FALSE
-0,125	0,296	-0,004	0,011	0,144	FALSE
0,023	0,323	0,001	0,013	0,020	FALSE
0,118	0,292	0,005	0,012	0,180	FALSE
0,146	0,294	0,006	0,010	0,249	FALSE
0,136	0,299	0,004	0,008	0,188	FALSE
0,090	0,317	0,003	0,011	0,089	FALSE
0,142	0,307	0,004	0,011	0,148	FALSE
0,071	0,292	0,001	0,008	0,071	FALSE
0,059	0,286	0,001	0,009	0,055	FALSE
0,126	0,302	0,003	0,009	0,146	FALSE
0,089	0,295	0,002	0,008	0,097	FALSE
0,074	0,311	0,002	0,009	0,092	FALSE
-0,032	0,299	0,000	0,011	0,013	FALSE
-0,023	0,310	-0,001	0,008	0,038	FALSE
0,174	0,289	0,008	0,012	0,286	FALSE
-0,092	0,304	-0,004	0,012	0,145	FALSE
-0,030	0,307	-0,001	0,008	0,047	FALSE
0,070	0,317	0,002	0,008	0,100	FALSE
-0,060	0,307	-0,001	0,007	0,056	FALSE
-0,036	0,302	-0,001	0,007	0,029	FALSE

-0,014	0,308	0,000	0,007	0,004	FALSE
-0,051	0,296	-0,001	0,007	0,045	FALSE
-0,009	0,306	0,000	0,008	0,022	FALSE
-0,012	0,310	0,000	0,012	0,006	FALSE
-0,012	0,307	-0,001	0,010	0,019	FALSE
-0,089	0,319	-0,002	0,008	0,115	FALSE
0,042	0,308	0,001	0,007	0,072	FALSE
0,010	0,315	0,000	0,010	0,000	FALSE
0,076	0,308	0,003	0,010	0,102	FALSE
-0,060	0,302	-0,001	0,007	0,067	FALSE
0,033	0,314	0,001	0,009	0,049	FALSE
-0,064	0,313	-0,003	0,012	0,085	FALSE
-0,010	0,297	0,000	0,006	0,012	FALSE
-0,024	0,307	-0,001	0,013	0,024	FALSE
-0,141	0,302	-0,005	0,010	0,215	FALSE
-0,031	0,301	-0,002	0,012	0,058	FALSE
-0,085	0,319	-0,002	0,009	0,101	FALSE
0,135	0,301	0,005	0,009	0,219	FALSE
-0,009	0,301	0,000	0,006	0,001	FALSE
-0,056	0,324	-0,001	0,011	0,046	FALSE
-0,045	0,314	-0,001	0,010	0,043	FALSE
-0,085	0,307	-0,003	0,010	0,098	FALSE
0,021	0,322	0,001	0,007	0,039	FALSE
0,034	0,302	0,001	0,013	0,042	FALSE
-0,037	0,307	-0,002	0,012	0,050	FALSE
-0,070	0,297	-0,002	0,013	0,062	FALSE
-0,005	0,293	0,000	0,008	0,005	FALSE
-0,025	0,309	0,000	0,007	0,023	FALSE
0,002	0,305	0,001	0,008	0,031	FALSE
-0,098	0,317	-0,003	0,008	0,130	FALSE
0,011	0,312	0,000	0,007	0,008	FALSE
-0,038	0,314	-0,001	0,008	0,064	FALSE
-0,048	0,297	-0,001	0,009	0,046	FALSE
0,085	0,299	0,002	0,006	0,125	FALSE
0,044	0,300	0,001	0,012	0,042	FALSE
0,045	0,310	0,001	0,012	0,030	FALSE
-0,076	0,297	-0,003	0,012	0,081	FALSE
-0,019	0,314	-0,001	0,008	0,028	FALSE
-0,146	0,303	-0,005	0,013	0,176	FALSE
-0,128	0,316	-0,005	0,013	0,142	FALSE
0,032	0,310	0,001	0,008	0,051	FALSE
-0,055	0,297	-0,003	0,010	0,131	FALSE
0,080	0,300	0,002	0,009	0,081	FALSE
-0,076	0,322	-0,003	0,013	0,102	FALSE
0,052	0,312	0,002	0,009	0,084	FALSE
-0,014	0,302	-0,001	0,011	0,038	FALSE
0,094	0,297	0,003	0,007	0,163	FALSE
-0,107	0,305	-0,003	0,008	0,128	FALSE
-0,099	0,318	-0,004	0,014	0,106	FALSE
0,149	0,310	0,004	0,007	0,208	FALSE
-0,065	0,304	-0,002	0,007	0,077	FALSE
0,015	0,320	0,001	0,008	0,030	FALSE
-0,079	0,314	-0,002	0,009	0,072	FALSE

0,055	0,300	0,002	0,011	0,068	FALSE
0,057	0,297	0,002	0,012	0,066	FALSE
0,107	0,320	0,003	0,007	0,141	FALSE
0,138	0,298	0,003	0,007	0,173	FALSE
0,070	0,315	0,002	0,007	0,091	FALSE
0,052	0,298	0,001	0,007	0,068	FALSE
0,044	0,318	0,001	0,010	0,043	FALSE
0,056	0,310	0,001	0,009	0,044	FALSE
-0,036	0,298	-0,001	0,006	0,050	FALSE
-0,006	0,305	0,000	0,010	0,002	FALSE
-0,047	0,308	-0,001	0,009	0,050	FALSE
0,068	0,304	0,002	0,010	0,085	FALSE
0,049	0,322	0,002	0,011	0,054	FALSE
0,026	0,308	0,001	0,012	0,018	FALSE
0,045	0,298	0,002	0,012	0,074	FALSE
-0,047	0,316	-0,002	0,010	0,072	FALSE
-0,043	0,322	-0,001	0,011	0,041	FALSE
-0,074	0,306	-0,002	0,007	0,102	FALSE
0,054	0,298	0,001	0,007	0,043	FALSE
0,114	0,297	0,002	0,008	0,118	FALSE
0,061	0,309	0,002	0,008	0,080	FALSE
-0,021	0,315	-0,001	0,013	0,040	FALSE
0,133	0,293	0,006	0,012	0,208	FALSE
0,129	0,300	0,005	0,011	0,205	FALSE
0,036	0,299	0,001	0,008	0,055	FALSE
0,107	0,293	0,005	0,013	0,170	FALSE
0,068	0,306	0,002	0,009	0,089	FALSE
0,190	0,285	0,005	0,009	0,278	FALSE
0,088	0,320	0,003	0,012	0,083	FALSE
0,057	0,307	0,002	0,012	0,061	FALSE
0,061	0,310	0,002	0,006	0,099	FALSE
-0,039	0,320	-0,001	0,011	0,032	FALSE
0,047	0,305	0,003	0,012	0,093	FALSE
-0,020	0,297	0,000	0,006	0,025	FALSE
-0,056	0,320	-0,001	0,008	0,047	FALSE
0,047	0,297	0,002	0,013	0,048	FALSE
-0,144	0,299	-0,004	0,008	0,199	FALSE
0,006	0,297	0,000	0,006	0,006	FALSE
0,094	0,288	0,004	0,010	0,139	FALSE
-0,072	0,313	-0,002	0,008	0,088	FALSE
-0,040	0,290	-0,001	0,008	0,041	FALSE
0,019	0,305	0,000	0,007	0,000	FALSE
0,115	0,302	0,003	0,009	0,163	FALSE
0,087	0,307	0,004	0,010	0,148	FALSE
-0,100	0,298	-0,004	0,012	0,139	FALSE
0,004	0,314	0,000	0,009	0,008	FALSE
0,014	0,293	-0,001	0,010	0,031	FALSE
-0,008	0,293	0,000	0,008	0,000	FALSE
-0,133	0,308	-0,003	0,008	0,176	FALSE
-0,021	0,310	0,000	0,007	0,013	FALSE
-0,002	0,308	-0,001	0,012	0,032	FALSE
0,085	0,299	0,003	0,011	0,100	FALSE
-0,074	0,288	-0,001	0,008	0,051	FALSE

-0,019	0,291	-0,001	0,007	0,038	FALSE
0,181	0,295	0,006	0,009	0,279	FALSE
0,067	0,295	0,002	0,009	0,067	FALSE
-0,043	0,312	-0,001	0,007	0,031	FALSE
-0,002	0,300	0,000	0,011	0,001	FALSE
0,138	0,309	0,004	0,008	0,209	FALSE
0,143	0,302	0,004	0,008	0,228	FALSE
0,196	0,304	0,004	0,007	0,294	FALSE
-0,142	0,303	-0,003	0,007	0,184	FALSE
-0,134	0,304	-0,004	0,008	0,191	FALSE
0,057	0,306	0,002	0,011	0,061	FALSE
0,111	0,289	0,003	0,008	0,150	FALSE
0,161	0,302	0,005	0,009	0,257	FALSE
-0,002	0,323	0,000	0,012	0,008	FALSE
-0,087	0,316	-0,002	0,008	0,108	FALSE
-0,100	0,312	-0,003	0,008	0,134	FALSE
-0,096	0,302	-0,005	0,012	0,160	FALSE
0,187	0,289	0,007	0,012	0,278	FALSE
0,049	0,304	0,000	0,010	0,013	FALSE
-0,036	0,320	-0,002	0,012	0,053	FALSE
-0,105	0,305	-0,004	0,011	0,156	FALSE
-0,133	0,318	-0,006	0,013	0,194	FALSE
-0,116	0,307	-0,005	0,012	0,173	FALSE
-0,022	0,322	0,000	0,008	0,016	FALSE
-0,082	0,321	-0,002	0,007	0,089	FALSE
-0,109	0,312	-0,002	0,006	0,133	FALSE
-0,001	0,327	-0,001	0,012	0,018	FALSE
0,083	0,305	0,003	0,010	0,130	FALSE
-0,091	0,306	-0,005	0,012	0,155	FALSE
0,004	0,304	0,000	0,011	0,013	FALSE
-0,132	0,312	-0,006	0,013	0,207	FALSE
0,025	0,312	0,001	0,012	0,039	FALSE
0,042	0,311	0,002	0,011	0,059	FALSE
0,069	0,314	0,003	0,011	0,114	FALSE
0,074	0,316	0,004	0,012	0,117	FALSE
-0,159	0,314	-0,005	0,009	0,229	FALSE
0,075	0,297	0,003	0,012	0,088	FALSE
0,090	0,296	0,003	0,008	0,124	FALSE
0,071	0,312	0,002	0,008	0,082	FALSE
0,078	0,315	0,003	0,011	0,119	FALSE
0,124	0,302	0,004	0,010	0,169	FALSE
0,043	0,320	0,001	0,010	0,041	FALSE
0,140	0,304	0,004	0,009	0,169	FALSE
-0,044	0,315	-0,001	0,009	0,027	FALSE
-0,002	0,307	0,000	0,007	0,020	FALSE
0,044	0,309	0,001	0,007	0,058	FALSE
0,055	0,309	0,001	0,007	0,074	FALSE
0,023	0,307	0,000	0,010	0,003	FALSE
-0,007	0,304	0,000	0,010	0,014	FALSE
-0,013	0,317	0,000	0,010	0,010	FALSE
-0,014	0,314	0,000	0,011	0,003	FALSE
0,021	0,318	0,001	0,012	0,027	FALSE
0,015	0,302	0,001	0,011	0,027	FALSE

0,001	0,296	0,000	0,006	0,007	FALSE
0,005	0,296	0,000	0,010	0,006	FALSE
0,150	0,309	0,005	0,011	0,192	FALSE
0,158	0,307	0,005	0,011	0,188	FALSE
0,134	0,307	0,004	0,010	0,175	FALSE
0,052	0,311	0,001	0,007	0,042	FALSE
-0,088	0,312	-0,003	0,011	0,112	FALSE
-0,052	0,325	-0,002	0,012	0,049	FALSE
-0,067	0,307	-0,002	0,012	0,079	FALSE
0,061	0,329	0,002	0,013	0,060	FALSE
-0,065	0,300	-0,001	0,008	0,057	FALSE
-0,031	0,317	-0,001	0,011	0,041	FALSE
0,069	0,314	0,002	0,012	0,065	FALSE
0,024	0,300	0,000	0,007	0,014	FALSE
0,081	0,305	0,003	0,012	0,085	FALSE
-0,045	0,317	-0,002	0,010	0,069	FALSE
0,000	0,316	0,000	0,013	0,005	FALSE
-0,059	0,303	-0,002	0,011	0,084	FALSE
-0,010	0,311	0,000	0,010	0,017	FALSE
0,041	0,314	0,001	0,011	0,046	FALSE
-0,018	0,314	0,000	0,007	0,018	FALSE
0,023	0,305	0,001	0,010	0,027	FALSE
0,012	0,297	0,001	0,012	0,031	FALSE
-0,074	0,292	-0,001	0,006	0,071	FALSE
0,063	0,310	0,003	0,012	0,084	FALSE
0,029	0,307	0,001	0,012	0,018	FALSE
0,061	0,314	0,001	0,013	0,038	FALSE
-0,001	0,316	0,000	0,007	0,010	FALSE
0,012	0,312	0,000	0,010	0,015	FALSE
0,012	0,308	0,001	0,009	0,025	FALSE
0,098	0,307	0,002	0,008	0,111	FALSE
0,058	0,320	0,001	0,009	0,038	FALSE
0,086	0,310	0,002	0,008	0,096	FALSE
0,095	0,303	0,002	0,008	0,104	FALSE
0,000	0,312	-0,001	0,013	0,028	FALSE
-0,003	0,301	-0,001	0,012	0,025	FALSE
-0,025	0,316	-0,002	0,013	0,055	FALSE
0,041	0,314	0,001	0,008	0,064	FALSE
0,030	0,309	0,000	0,007	0,007	FALSE
0,015	0,301	0,000	0,007	0,017	FALSE
0,047	0,310	0,002	0,011	0,082	FALSE
-0,145	0,300	-0,004	0,008	0,219	FALSE
-0,073	0,300	-0,004	0,013	0,113	FALSE
0,050	0,304	0,003	0,010	0,098	FALSE
-0,045	0,302	-0,003	0,013	0,080	FALSE
-0,064	0,295	-0,003	0,013	0,105	FALSE
-0,092	0,304	-0,003	0,008	0,156	FALSE
0,043	0,282	0,003	0,013	0,086	FALSE
0,088	0,300	0,005	0,013	0,159	FALSE
0,118	0,320	0,005	0,013	0,142	FALSE
-0,054	0,313	-0,001	0,011	0,030	FALSE
0,095	0,315	0,004	0,012	0,120	FALSE
-0,220	0,309	-0,007	0,010	0,332	FALSE

0,018	0,323	0,000	0,011	0,006	FALSE
0,017	0,302	0,000	0,007	0,019	FALSE
-0,027	0,301	-0,001	0,008	0,022	FALSE
0,067	0,318	0,003	0,012	0,078	FALSE
-0,032	0,307	-0,001	0,009	0,028	FALSE
0,005	0,317	0,001	0,011	0,033	FALSE
-0,003	0,309	0,000	0,009	0,003	FALSE
0,020	0,317	0,001	0,007	0,042	FALSE
-0,058	0,311	-0,002	0,011	0,083	FALSE
-0,146	0,307	-0,004	0,008	0,224	FALSE
0,046	0,288	0,002	0,010	0,090	FALSE
0,033	0,302	0,002	0,011	0,058	FALSE
0,040	0,321	0,002	0,013	0,044	FALSE
-0,014	0,291	-0,001	0,011	0,030	FALSE
-0,156	0,298	-0,006	0,010	0,236	FALSE
-0,022	0,307	-0,001	0,009	0,034	FALSE
0,126	0,302	0,004	0,008	0,206	FALSE
0,039	0,309	0,001	0,007	0,028	FALSE
-0,044	0,309	0,000	0,013	0,008	FALSE
-0,135	0,302	-0,005	0,010	0,200	FALSE
-0,096	0,310	-0,002	0,006	0,136	FALSE
-0,069	0,313	-0,004	0,014	0,099	FALSE
0,062	0,314	0,002	0,011	0,079	FALSE
-0,016	0,305	0,000	0,007	0,005	FALSE
0,042	0,303	0,002	0,011	0,054	FALSE
-0,056	0,314	-0,001	0,008	0,050	FALSE
-0,177	0,295	-0,006	0,010	0,258	FALSE
0,060	0,312	0,003	0,011	0,091	FALSE
-0,016	0,309	0,000	0,011	0,013	FALSE
-0,019	0,310	0,000	0,011	0,000	FALSE
-0,016	0,315	0,000	0,010	0,004	FALSE
0,016	0,308	0,001	0,008	0,034	FALSE
-0,010	0,311	0,000	0,011	0,015	FALSE
0,103	0,293	0,003	0,007	0,157	FALSE
0,050	0,301	0,003	0,011	0,101	FALSE
-0,009	0,303	0,000	0,010	0,007	FALSE
0,104	0,310	0,002	0,008	0,118	FALSE
0,012	0,307	0,001	0,009	0,029	FALSE
-0,149	0,296	-0,007	0,012	0,266	FALSE
-0,071	0,300	-0,002	0,011	0,073	FALSE
0,047	0,294	0,002	0,007	0,107	FALSE
0,071	0,315	0,003	0,013	0,079	FALSE
-0,011	0,293	0,000	0,012	0,004	FALSE
0,117	0,294	0,003	0,009	0,134	FALSE
-0,086	0,292	-0,001	0,007	0,077	FALSE
0,002	0,311	0,000	0,006	0,029	FALSE
-0,041	0,309	-0,002	0,013	0,050	FALSE
0,020	0,303	0,000	0,009	0,009	FALSE
0,033	0,302	0,001	0,009	0,026	FALSE
0,192	0,305	0,005	0,007	0,299	FALSE
0,017	0,294	0,001	0,007	0,031	FALSE
0,008	0,306	0,000	0,009	0,014	FALSE
0,091	0,303	0,004	0,013	0,120	FALSE

-0,116	0,305	-0,003	0,007	0,147	FALSE
-0,086	0,319	-0,002	0,008	0,097	FALSE
0,005	0,300	0,001	0,007	0,028	FALSE
-0,089	0,307	-0,002	0,007	0,103	FALSE
0,056	0,311	0,001	0,007	0,060	FALSE
-0,179	0,305	-0,003	0,006	0,226	FALSE
0,030	0,302	0,002	0,012	0,054	FALSE
0,058	0,309	0,002	0,012	0,067	FALSE
0,000	0,303	0,000	0,006	0,004	FALSE
0,059	0,308	0,002	0,012	0,073	FALSE
0,086	0,298	0,003	0,010	0,137	FALSE
-0,102	0,319	-0,004	0,012	0,130	FALSE
-0,005	0,316	0,000	0,007	0,001	FALSE
-0,079	0,302	-0,003	0,012	0,103	FALSE
0,063	0,296	0,002	0,012	0,070	FALSE
0,116	0,315	0,004	0,010	0,166	FALSE
0,058	0,285	0,002	0,011	0,082	FALSE
-0,043	0,295	-0,002	0,012	0,050	FALSE
-0,168	0,303	-0,004	0,008	0,204	FALSE
0,160	0,300	0,006	0,010	0,257	TRUE
-0,102	0,288	-0,002	0,006	0,113	FALSE
-0,006	0,302	0,000	0,012	0,006	FALSE
0,045	0,311	0,000	0,007	0,014	FALSE
-0,021	0,300	0,000	0,007	0,007	FALSE
0,007	0,308	0,001	0,008	0,027	FALSE
0,064	0,305	0,002	0,007	0,092	FALSE
0,048	0,318	0,002	0,009	0,096	FALSE
-0,025	0,312	-0,001	0,010	0,040	FALSE
0,092	0,308	0,003	0,011	0,119	FALSE
0,019	0,296	0,000	0,007	0,008	FALSE
-0,026	0,300	-0,002	0,012	0,053	FALSE
-0,056	0,323	-0,003	0,014	0,080	TRUE
-0,007	0,304	0,000	0,007	0,019	FALSE
-0,011	0,289	0,000	0,009	0,006	FALSE
-0,126	0,303	-0,004	0,009	0,165	FALSE
0,038	0,301	0,001	0,009	0,054	FALSE
-0,020	0,324	-0,001	0,013	0,015	FALSE
0,091	0,289	0,003	0,011	0,127	FALSE
0,005	0,319	0,000	0,010	0,011	FALSE
0,156	0,297	0,007	0,012	0,251	FALSE
0,213	0,306	0,009	0,012	0,339	FALSE
0,028	0,306	0,000	0,008	0,012	FALSE
0,256	0,299	0,008	0,009	0,414	FALSE
-0,042	0,312	-0,001	0,010	0,053	FALSE
0,024	0,311	0,001	0,010	0,019	FALSE
-0,081	0,298	-0,002	0,010	0,085	FALSE
-0,001	0,300	0,001	0,007	0,026	FALSE
-0,056	0,314	-0,001	0,011	0,042	FALSE
-0,049	0,321	-0,002	0,011	0,052	FALSE
0,120	0,313	0,005	0,013	0,171	FALSE
-0,104	0,307	-0,004	0,009	0,178	FALSE
-0,081	0,307	-0,003	0,009	0,140	FALSE
-0,087	0,313	-0,003	0,009	0,147	FALSE

-0,059	0,311	-0,002	0,009	0,061	FALSE
0,155	0,315	0,005	0,010	0,214	FALSE
-0,014	0,316	0,000	0,012	0,004	FALSE
0,053	0,308	0,001	0,006	0,050	FALSE
0,024	0,308	0,000	0,006	0,014	FALSE
-0,049	0,293	0,000	0,008	0,015	FALSE
0,164	0,298	0,005	0,009	0,251	FALSE
0,100	0,297	0,003	0,007	0,166	FALSE
0,087	0,303	0,003	0,008	0,136	FALSE
-0,002	0,303	0,001	0,009	0,045	FALSE
0,178	0,292	0,006	0,010	0,293	FALSE
0,184	0,305	0,006	0,010	0,287	FALSE
0,166	0,274	0,006	0,009	0,285	FALSE
-0,085	0,311	-0,002	0,008	0,112	FALSE
-0,129	0,305	-0,003	0,006	0,179	FALSE
-0,074	0,320	-0,004	0,014	0,120	FALSE
-0,101	0,310	-0,005	0,013	0,157	FALSE
-0,078	0,303	-0,002	0,008	0,105	FALSE
0,065	0,292	0,003	0,010	0,102	FALSE
0,003	0,304	0,000	0,012	0,002	FALSE
0,043	0,307	0,001	0,008	0,055	FALSE
0,074	0,298	0,002	0,010	0,081	FALSE
0,082	0,302	0,003	0,012	0,112	FALSE
-0,008	0,301	-0,001	0,007	0,033	FALSE
-0,036	0,298	-0,001	0,007	0,062	FALSE
0,061	0,311	0,002	0,009	0,081	FALSE
-0,010	0,311	-0,001	0,006	0,043	FALSE
0,044	0,308	0,002	0,008	0,083	FALSE
0,079	0,299	0,003	0,008	0,141	FALSE
0,063	0,299	0,003	0,012	0,087	FALSE
-0,115	0,294	-0,003	0,007	0,183	FALSE
-0,044	0,309	-0,001	0,013	0,041	FALSE
-0,010	0,301	0,000	0,011	0,002	FALSE
-0,057	0,303	-0,002	0,012	0,052	FALSE
-0,041	0,306	-0,001	0,012	0,032	FALSE
-0,014	0,298	0,000	0,011	0,001	FALSE
0,001	0,318	0,001	0,012	0,028	FALSE
0,002	0,307	0,001	0,012	0,030	FALSE
-0,069	0,301	-0,002	0,008	0,105	FALSE
-0,043	0,308	-0,002	0,013	0,054	FALSE
0,021	0,291	0,001	0,006	0,054	FALSE
0,055	0,291	0,003	0,012	0,090	FALSE
-0,041	0,306	-0,001	0,011	0,046	FALSE
-0,019	0,306	-0,001	0,010	0,035	FALSE
-0,008	0,312	0,000	0,008	0,007	FALSE
-0,019	0,311	0,000	0,007	0,001	FALSE
-0,010	0,319	0,000	0,010	0,014	FALSE
0,238	0,292	0,007	0,008	0,393	FALSE
-0,170	0,295	-0,006	0,010	0,269	FALSE
-0,018	0,315	0,000	0,009	0,002	FALSE
-0,003	0,301	0,001	0,012	0,017	FALSE
0,076	0,302	0,003	0,009	0,121	FALSE
0,074	0,313	0,003	0,011	0,096	FALSE

0,108	0,299	0,003	0,008	0,155	FALSE
-0,035	0,304	-0,001	0,007	0,061	FALSE
-0,068	0,322	-0,002	0,008	0,074	FALSE
-0,095	0,297	-0,003	0,011	0,120	FALSE
-0,088	0,306	-0,003	0,011	0,100	FALSE
-0,002	0,306	0,000	0,009	0,015	FALSE
-0,123	0,308	-0,002	0,007	0,127	FALSE
-0,113	0,314	-0,005	0,013	0,147	FALSE
-0,034	0,297	-0,001	0,007	0,054	FALSE
-0,051	0,296	-0,001	0,008	0,036	FALSE
0,039	0,321	0,002	0,010	0,062	FALSE
0,068	0,310	0,003	0,010	0,093	FALSE
-0,078	0,313	-0,001	0,007	0,065	FALSE
0,080	0,311	0,002	0,008	0,094	FALSE
-0,030	0,314	-0,001	0,009	0,049	FALSE
-0,046	0,305	-0,002	0,009	0,074	FALSE
0,056	0,303	0,002	0,009	0,071	FALSE
0,006	0,311	0,001	0,010	0,027	FALSE
0,008	0,306	0,001	0,012	0,029	FALSE
-0,001	0,320	0,001	0,008	0,022	FALSE
-0,123	0,307	-0,003	0,006	0,180	FALSE
-0,019	0,308	0,000	0,009	0,000	FALSE
0,050	0,319	0,001	0,007	0,066	FALSE
-0,006	0,312	0,000	0,013	0,004	FALSE
-0,031	0,318	-0,001	0,013	0,025	FALSE
0,034	0,313	0,002	0,012	0,058	FALSE
-0,032	0,315	-0,001	0,013	0,029	FALSE
-0,049	0,301	0,000	0,007	0,021	FALSE
0,036	0,307	0,001	0,007	0,058	FALSE
0,029	0,315	0,001	0,006	0,045	FALSE
-0,013	0,315	-0,001	0,012	0,026	FALSE
0,045	0,303	0,002	0,010	0,064	FALSE
0,018	0,313	0,000	0,013	0,010	FALSE
-0,006	0,301	0,000	0,012	0,008	FALSE
0,035	0,315	0,001	0,010	0,018	FALSE
0,059	0,309	0,001	0,009	0,052	FALSE
0,047	0,306	0,001	0,007	0,069	FALSE
-0,087	0,298	-0,004	0,013	0,135	FALSE
-0,049	0,310	-0,002	0,012	0,066	FALSE
0,051	0,313	0,001	0,007	0,058	FALSE
-0,079	0,305	-0,003	0,012	0,109	FALSE
-0,056	0,314	-0,002	0,013	0,051	FALSE
-0,040	0,294	-0,002	0,012	0,048	FALSE
0,006	0,325	0,000	0,008	0,003	FALSE
-0,105	0,299	-0,002	0,006	0,099	FALSE
-0,026	0,314	-0,001	0,008	0,037	FALSE
-0,013	0,305	0,000	0,007	0,009	FALSE
-0,006	0,296	0,000	0,007	0,010	FALSE
-0,101	0,313	-0,004	0,013	0,129	FALSE
0,045	0,298	0,001	0,006	0,062	FALSE
0,009	0,320	0,001	0,007	0,032	FALSE
0,053	0,317	0,001	0,011	0,043	FALSE
0,099	0,316	0,003	0,007	0,140	FALSE

0,020	0,299	0,000	0,007	0,013	FALSE
-0,032	0,307	-0,001	0,012	0,028	FALSE
0,162	0,307	0,003	0,007	0,221	FALSE
-0,013	0,310	0,000	0,007	0,018	FALSE
0,014	0,322	0,000	0,007	0,017	FALSE
-0,108	0,287	-0,002	0,006	0,121	FALSE
-0,031	0,305	0,000	0,010	0,014	FALSE
-0,033	0,313	-0,002	0,013	0,057	FALSE
0,069	0,307	0,002	0,006	0,089	FALSE
-0,024	0,303	0,000	0,007	0,016	FALSE
0,016	0,314	0,001	0,009	0,030	FALSE
0,068	0,304	0,001	0,007	0,064	FALSE
-0,115	0,305	-0,003	0,008	0,132	FALSE
0,010	0,308	-0,001	0,013	0,020	FALSE
-0,038	0,307	0,000	0,007	0,017	FALSE
0,126	0,310	0,003	0,009	0,147	FALSE
0,147	0,318	0,004	0,009	0,176	FALSE
-0,043	0,303	-0,001	0,010	0,027	FALSE
-0,001	0,314	0,000	0,011	0,007	FALSE
0,132	0,312	0,004	0,010	0,183	FALSE
0,107	0,305	0,004	0,013	0,129	FALSE
0,170	0,305	0,006	0,010	0,238	FALSE
-0,009	0,314	0,000	0,012	0,002	FALSE
0,029	0,296	0,000	0,008	0,018	FALSE
-0,097	0,309	-0,002	0,007	0,114	FALSE
0,006	0,308	0,000	0,013	0,007	FALSE
0,074	0,302	0,002	0,009	0,103	FALSE
-0,060	0,301	-0,001	0,007	0,058	FALSE
0,021	0,318	0,001	0,013	0,022	FALSE
0,115	0,292	0,003	0,009	0,130	FALSE
-0,060	0,306	-0,002	0,009	0,075	FALSE
0,059	0,304	0,002	0,013	0,064	FALSE
0,038	0,312	0,001	0,010	0,046	FALSE
0,019	0,306	0,000	0,006	0,011	FALSE
0,035	0,282	0,000	0,010	0,007	FALSE
0,095	0,298	0,002	0,008	0,108	FALSE
-0,152	0,310	-0,005	0,009	0,224	FALSE
0,062	0,318	0,002	0,009	0,081	FALSE
-0,075	0,317	-0,002	0,009	0,102	FALSE
0,031	0,310	0,001	0,007	0,049	FALSE
0,051	0,322	0,001	0,011	0,047	FALSE
0,089	0,318	0,002	0,008	0,111	FALSE
0,005	0,303	-0,001	0,012	0,028	FALSE
0,013	0,325	0,001	0,008	0,045	FALSE
0,026	0,308	0,000	0,008	0,003	FALSE
0,009	0,328	0,000	0,009	0,011	FALSE
0,042	0,319	0,001	0,009	0,048	FALSE
0,025	0,305	0,001	0,009	0,025	FALSE
0,084	0,305	0,001	0,006	0,079	FALSE
0,119	0,308	0,002	0,007	0,127	FALSE
0,002	0,313	0,000	0,008	0,008	FALSE
-0,144	0,292	-0,003	0,007	0,197	FALSE
-0,063	0,316	-0,002	0,009	0,084	FALSE

0,031	0,314	0,001	0,009	0,037	FALSE
-0,114	0,312	-0,003	0,009	0,144	FALSE
0,037	0,306	0,001	0,009	0,026	FALSE
-0,088	0,327	-0,003	0,008	0,120	FALSE
0,055	0,315	0,002	0,007	0,088	FALSE
-0,124	0,298	-0,003	0,008	0,146	FALSE
0,020	0,304	0,000	0,008	0,012	FALSE
0,012	0,303	0,000	0,008	0,005	FALSE
0,049	0,316	0,001	0,008	0,044	FALSE
-0,067	0,307	-0,002	0,009	0,083	FALSE
-0,028	0,306	0,000	0,010	0,017	FALSE
-0,038	0,319	-0,001	0,006	0,049	FALSE
-0,035	0,302	-0,002	0,012	0,047	FALSE
0,051	0,307	0,002	0,008	0,074	FALSE
0,065	0,315	0,003	0,013	0,083	FALSE
0,016	0,302	0,000	0,009	0,011	FALSE
0,029	0,320	0,001	0,011	0,033	FALSE
-0,018	0,300	0,000	0,013	0,008	FALSE
0,005	0,295	0,001	0,012	0,021	FALSE
-0,005	0,317	0,000	0,007	0,007	FALSE
-0,051	0,301	-0,002	0,012	0,064	FALSE
0,100	0,302	0,004	0,009	0,152	FALSE
0,034	0,307	0,001	0,006	0,060	FALSE
0,006	0,314	0,001	0,009	0,025	FALSE
0,120	0,325	0,006	0,013	0,186	FALSE
-0,189	0,301	-0,005	0,008	0,274	FALSE
-0,182	0,296	-0,004	0,007	0,265	FALSE
-0,176	0,304	-0,004	0,008	0,241	FALSE
0,049	0,299	0,002	0,009	0,079	FALSE
-0,177	0,307	-0,004	0,007	0,257	FALSE
-0,027	0,300	-0,001	0,012	0,039	FALSE
-0,017	0,312	-0,001	0,013	0,021	FALSE
0,018	0,316	0,000	0,011	0,014	FALSE
-0,083	0,312	-0,003	0,011	0,112	FALSE
-0,025	0,315	0,000	0,007	0,023	FALSE
0,014	0,299	0,000	0,012	0,009	FALSE
-0,009	0,300	-0,001	0,012	0,026	FALSE
0,017	0,310	0,000	0,012	0,013	FALSE
0,080	0,305	0,003	0,011	0,094	FALSE
0,025	0,308	0,001	0,007	0,029	FALSE
0,097	0,312	0,003	0,007	0,136	FALSE
-0,004	0,313	-0,001	0,009	0,027	FALSE
-0,049	0,295	-0,001	0,007	0,040	FALSE
-0,004	0,307	-0,001	0,009	0,023	FALSE
0,041	0,305	0,002	0,008	0,070	FALSE
-0,025	0,293	-0,001	0,009	0,025	FALSE
0,025	0,316	0,001	0,011	0,045	FALSE
-0,038	0,295	-0,001	0,007	0,041	FALSE
0,115	0,305	0,004	0,013	0,140	FALSE
-0,008	0,288	-0,001	0,012	0,024	FALSE
-0,032	0,292	-0,001	0,008	0,062	FALSE
-0,023	0,306	-0,001	0,012	0,044	FALSE
0,025	0,312	0,001	0,010	0,036	FALSE

-0,020	0,310	-0,001	0,011	0,028	FALSE
0,024	0,300	0,001	0,011	0,030	FALSE
-0,008	0,317	0,001	0,007	0,027	FALSE
0,061	0,303	0,004	0,013	0,121	FALSE
-0,023	0,311	-0,001	0,012	0,045	FALSE
-0,015	0,295	-0,001	0,012	0,028	FALSE
-0,084	0,314	-0,003	0,011	0,116	FALSE
0,111	0,304	0,005	0,012	0,176	FALSE
-0,067	0,295	-0,003	0,012	0,095	FALSE
0,007	0,312	0,000	0,008	0,007	FALSE
0,017	0,311	0,000	0,013	0,010	FALSE
0,039	0,308	0,001	0,007	0,040	FALSE
-0,038	0,304	-0,002	0,012	0,047	FALSE
0,020	0,314	0,001	0,008	0,038	FALSE
0,185	0,289	0,006	0,010	0,269	FALSE
0,166	0,299	0,005	0,011	0,201	FALSE
-0,101	0,299	-0,004	0,009	0,172	FALSE
-0,117	0,305	-0,005	0,010	0,204	FALSE
0,048	0,298	0,002	0,010	0,075	FALSE
0,061	0,306	0,003	0,012	0,094	FALSE
-0,024	0,305	-0,002	0,010	0,066	FALSE
-0,049	0,309	-0,001	0,009	0,041	FALSE
-0,056	0,299	-0,002	0,010	0,056	FALSE
-0,041	0,307	-0,001	0,007	0,051	FALSE
-0,020	0,310	0,000	0,009	0,006	FALSE
0,017	0,305	0,000	0,012	0,013	FALSE
0,022	0,315	0,001	0,013	0,019	FALSE
-0,017	0,305	0,000	0,009	0,015	FALSE
-0,009	0,305	-0,001	0,012	0,022	FALSE
-0,193	0,306	-0,007	0,012	0,276	FALSE
0,057	0,303	0,003	0,013	0,077	FALSE
0,040	0,313	0,002	0,010	0,079	FALSE
0,036	0,305	0,002	0,012	0,047	FALSE
0,016	0,311	0,000	0,011	0,007	FALSE
0,043	0,289	0,001	0,009	0,031	FALSE
0,081	0,309	0,002	0,009	0,103	FALSE
-0,028	0,309	-0,001	0,009	0,040	FALSE
0,006	0,303	0,000	0,009	0,009	FALSE
0,011	0,296	0,001	0,006	0,030	FALSE
-0,109	0,301	-0,004	0,010	0,140	FALSE
0,125	0,304	0,004	0,010	0,162	FALSE
-0,087	0,302	-0,002	0,008	0,092	FALSE
-0,145	0,315	-0,005	0,010	0,216	FALSE
0,112	0,302	0,004	0,011	0,139	FALSE
0,136	0,295	0,005	0,011	0,186	FALSE
0,046	0,314	0,002	0,013	0,070	FALSE
-0,048	0,301	-0,002	0,012	0,079	FALSE
0,194	0,310	0,006	0,011	0,258	FALSE
0,026	0,306	0,001	0,009	0,035	FALSE
-0,026	0,314	-0,001	0,008	0,038	FALSE
0,004	0,317	0,001	0,012	0,026	FALSE
0,011	0,316	0,001	0,011	0,045	FALSE
-0,084	0,312	-0,002	0,008	0,098	FALSE

-0,024	0,316	0,000	0,009	0,006	FALSE
-0,090	0,314	-0,002	0,008	0,086	FALSE
-0,012	0,309	0,000	0,010	0,007	FALSE
-0,074	0,307	-0,002	0,009	0,083	FALSE
-0,029	0,322	-0,001	0,011	0,027	FALSE
-0,043	0,309	-0,001	0,011	0,034	FALSE
-0,058	0,324	-0,003	0,012	0,079	FALSE
-0,004	0,310	0,000	0,007	0,014	FALSE
0,016	0,308	0,001	0,011	0,019	FALSE
-0,057	0,295	-0,002	0,012	0,073	FALSE
0,021	0,314	0,000	0,006	0,011	FALSE
-0,019	0,321	0,000	0,007	0,018	FALSE
0,077	0,303	0,003	0,012	0,110	FALSE
-0,075	0,312	-0,002	0,010	0,086	FALSE
-0,026	0,309	-0,001	0,009	0,033	FALSE
-0,142	0,295	-0,005	0,012	0,186	FALSE
-0,072	0,310	-0,002	0,009	0,083	FALSE
-0,010	0,303	0,000	0,009	0,012	FALSE
0,207	0,286	0,006	0,009	0,298	FALSE
-0,140	0,310	-0,006	0,013	0,183	FALSE
-0,158	0,294	-0,007	0,012	0,239	FALSE
0,089	0,312	0,003	0,012	0,106	FALSE
-0,042	0,315	-0,002	0,012	0,053	FALSE
0,179	0,296	0,006	0,009	0,304	FALSE
-0,081	0,295	-0,002	0,008	0,096	FALSE
0,073	0,308	0,003	0,012	0,109	FALSE
-0,222	0,294	-0,006	0,008	0,329	FALSE
-0,248	0,284	-0,007	0,008	0,402	FALSE
0,158	0,312	0,006	0,011	0,215	FALSE
-0,068	0,300	-0,002	0,008	0,080	FALSE
-0,112	0,307	-0,004	0,008	0,173	FALSE
-0,037	0,303	-0,002	0,010	0,059	FALSE
-0,001	0,299	-0,001	0,011	0,023	FALSE
0,014	0,298	0,000	0,010	0,003	FALSE
-0,001	0,308	-0,001	0,011	0,025	FALSE
0,028	0,304	0,001	0,008	0,042	FALSE
-0,010	0,309	-0,001	0,011	0,026	FALSE
-0,044	0,304	-0,001	0,012	0,038	FALSE
0,012	0,324	0,000	0,010	0,008	FALSE
-0,073	0,319	-0,003	0,013	0,079	FALSE
-0,144	0,293	-0,003	0,007	0,165	FALSE
-0,159	0,295	-0,003	0,007	0,186	FALSE
0,025	0,303	0,001	0,010	0,032	FALSE
-0,057	0,309	-0,001	0,010	0,048	FALSE
0,051	0,314	0,001	0,007	0,065	FALSE
0,080	0,302	0,002	0,008	0,095	FALSE
0,007	0,303	0,000	0,008	0,007	FALSE
-0,102	0,297	-0,004	0,009	0,168	FALSE
-0,027	0,319	-0,001	0,009	0,046	FALSE
-0,112	0,306	-0,004	0,009	0,165	FALSE
-0,001	0,301	0,000	0,006	0,027	FALSE
0,031	0,325	0,001	0,009	0,051	FALSE
0,058	0,305	0,003	0,012	0,087	FALSE

-0,089	0,291	-0,003	0,010	0,134	FALSE
-0,057	0,310	-0,002	0,009	0,079	FALSE
-0,084	0,310	-0,002	0,007	0,101	FALSE
-0,068	0,312	-0,002	0,013	0,065	FALSE
0,119	0,329	0,005	0,011	0,185	FALSE
-0,147	0,295	-0,005	0,010	0,225	FALSE
0,016	0,300	0,001	0,007	0,036	FALSE
0,057	0,303	0,002	0,012	0,077	FALSE
0,109	0,298	0,002	0,006	0,095	FALSE
0,096	0,286	0,002	0,007	0,104	FALSE
-0,062	0,312	-0,002	0,007	0,096	FALSE
0,029	0,303	0,001	0,011	0,041	FALSE
0,025	0,315	0,001	0,010	0,052	FALSE
0,131	0,297	0,005	0,011	0,175	FALSE
-0,003	0,306	0,000	0,010	0,013	FALSE
0,050	0,314	0,001	0,006	0,057	FALSE
-0,052	0,279	-0,002	0,008	0,076	FALSE
-0,030	0,303	-0,001	0,008	0,028	FALSE
0,074	0,306	0,001	0,009	0,062	FALSE
0,064	0,317	0,002	0,007	0,098	FALSE
-0,048	0,297	-0,001	0,009	0,054	FALSE
0,086	0,306	0,002	0,007	0,137	FALSE
0,111	0,301	0,004	0,010	0,140	FALSE
-0,165	0,305	-0,005	0,009	0,224	FALSE
0,115	0,308	0,005	0,012	0,164	FALSE
0,192	0,313	0,004	0,007	0,263	FALSE
0,151	0,312	0,005	0,008	0,251	FALSE
0,141	0,295	0,007	0,012	0,228	FALSE
-0,132	0,309	-0,005	0,010	0,197	FALSE
-0,117	0,297	-0,005	0,012	0,186	FALSE
0,061	0,306	0,002	0,008	0,103	FALSE
0,168	0,310	0,005	0,009	0,273	FALSE
0,002	0,308	0,000	0,008	0,011	FALSE
-0,010	0,302	-0,001	0,009	0,034	FALSE
0,095	0,313	0,002	0,007	0,131	FALSE
0,126	0,297	0,004	0,012	0,142	FALSE
0,120	0,297	0,004	0,012	0,125	FALSE
0,013	0,304	0,000	0,006	0,010	FALSE
0,057	0,314	0,002	0,013	0,069	FALSE
0,042	0,318	0,001	0,012	0,041	FALSE
-0,122	0,319	-0,005	0,013	0,165	FALSE
-0,021	0,312	-0,001	0,008	0,035	FALSE
0,079	0,300	0,004	0,012	0,124	FALSE
-0,067	0,309	-0,001	0,008	0,055	FALSE
0,010	0,294	0,000	0,007	0,023	FALSE
0,064	0,313	0,003	0,013	0,077	FALSE
0,005	0,313	0,000	0,011	0,008	FALSE
0,020	0,300	0,001	0,008	0,035	FALSE
-0,044	0,308	-0,001	0,010	0,055	FALSE
0,113	0,304	0,002	0,008	0,080	FALSE
0,003	0,305	0,000	0,009	0,017	FALSE
0,004	0,311	0,000	0,007	0,022	FALSE
0,166	0,296	0,006	0,012	0,193	FALSE

0,044	0,305	0,001	0,008	0,051	FALSE
0,130	0,296	0,004	0,008	0,218	FALSE
0,062	0,297	0,001	0,007	0,076	FALSE
-0,003	0,303	-0,001	0,008	0,024	FALSE
-0,011	0,314	-0,001	0,011	0,034	FALSE
-0,103	0,314	-0,002	0,008	0,104	FALSE
-0,087	0,309	-0,003	0,011	0,123	FALSE
0,033	0,304	0,002	0,007	0,086	FALSE
0,008	0,311	0,000	0,007	0,002	FALSE
0,079	0,316	0,001	0,008	0,062	FALSE
0,104	0,296	0,002	0,008	0,098	FALSE
-0,038	0,309	-0,001	0,010	0,024	FALSE
0,148	0,300	0,007	0,012	0,225	FALSE
-0,161	0,289	-0,005	0,010	0,234	FALSE
-0,048	0,301	-0,001	0,007	0,030	FALSE
0,017	0,316	0,001	0,013	0,032	FALSE
-0,046	0,316	-0,001	0,010	0,040	FALSE
0,034	0,315	0,002	0,011	0,062	FALSE
-0,067	0,303	-0,001	0,007	0,068	FALSE
-0,035	0,321	-0,002	0,012	0,045	FALSE
0,047	0,310	0,002	0,009	0,062	FALSE
0,045	0,302	0,001	0,009	0,052	FALSE
0,052	0,316	0,002	0,009	0,084	FALSE
-0,011	0,299	-0,002	0,011	0,052	FALSE
0,011	0,315	0,000	0,008	0,016	FALSE
-0,058	0,317	-0,002	0,011	0,075	FALSE
0,048	0,291	0,002	0,012	0,070	FALSE
0,075	0,313	0,002	0,007	0,088	FALSE
0,018	0,312	0,001	0,009	0,021	FALSE
-0,091	0,307	-0,003	0,010	0,115	FALSE
-0,070	0,298	-0,002	0,006	0,109	FALSE
0,037	0,324	0,001	0,008	0,029	FALSE
0,011	0,320	0,000	0,007	0,002	FALSE
-0,022	0,309	-0,001	0,007	0,041	FALSE
-0,038	0,303	-0,001	0,011	0,046	FALSE
0,005	0,309	0,001	0,013	0,020	FALSE
-0,032	0,301	-0,001	0,012	0,034	FALSE
-0,015	0,316	0,000	0,011	0,004	FALSE
0,022	0,307	0,001	0,009	0,029	FALSE
-0,015	0,311	0,000	0,007	0,001	FALSE
-0,001	0,310	0,000	0,011	0,012	FALSE
-0,038	0,312	-0,002	0,011	0,054	FALSE
-0,108	0,313	-0,004	0,012	0,119	FALSE
-0,064	0,311	-0,001	0,011	0,048	FALSE
0,100	0,313	0,003	0,010	0,102	FALSE
0,013	0,301	0,000	0,008	0,011	FALSE
-0,002	0,306	0,001	0,009	0,023	FALSE
-0,027	0,315	-0,001	0,011	0,046	FALSE
-0,072	0,320	-0,003	0,011	0,095	FALSE
-0,053	0,305	-0,001	0,010	0,042	FALSE
-0,017	0,304	0,000	0,011	0,007	FALSE
-0,023	0,307	0,000	0,011	0,002	FALSE
-0,135	0,296	-0,003	0,007	0,206	FALSE

0,101	0,314	0,004	0,012	0,133	FALSE
0,004	0,297	0,001	0,007	0,039	FALSE
0,001	0,310	0,001	0,008	0,026	FALSE
0,034	0,311	0,000	0,007	0,013	FALSE
-0,060	0,300	-0,002	0,011	0,083	FALSE
0,028	0,310	0,001	0,009	0,023	FALSE
-0,084	0,297	-0,004	0,012	0,113	FALSE
-0,097	0,302	-0,003	0,011	0,115	FALSE
-0,002	0,293	0,000	0,012	0,006	FALSE
0,027	0,313	0,002	0,009	0,061	FALSE
-0,107	0,299	-0,004	0,010	0,157	FALSE
0,077	0,298	0,002	0,008	0,116	FALSE
-0,099	0,305	-0,004	0,012	0,137	FALSE
-0,103	0,300	-0,004	0,012	0,138	FALSE
-0,090	0,305	-0,003	0,008	0,129	FALSE
-0,107	0,309	-0,003	0,008	0,149	FALSE
0,054	0,309	0,002	0,007	0,085	FALSE
-0,045	0,302	-0,001	0,010	0,046	FALSE
0,083	0,296	0,003	0,009	0,107	FALSE
-0,014	0,310	0,000	0,007	0,003	FALSE
0,003	0,302	0,000	0,012	0,004	FALSE
0,007	0,312	0,000	0,008	0,005	FALSE
-0,055	0,302	-0,001	0,007	0,074	FALSE
-0,080	0,304	-0,005	0,012	0,168	FALSE
-0,070	0,303	-0,004	0,012	0,146	FALSE
-0,007	0,311	0,000	0,007	0,019	FALSE
0,060	0,316	0,002	0,010	0,065	FALSE
0,005	0,313	0,000	0,012	0,009	FALSE
0,095	0,305	0,003	0,007	0,185	FALSE
0,056	0,316	0,002	0,011	0,064	FALSE
-0,007	0,304	-0,001	0,010	0,021	FALSE
0,022	0,311	0,000	0,011	0,015	FALSE
0,099	0,306	0,003	0,009	0,114	FALSE
-0,052	0,312	-0,001	0,008	0,061	FALSE
-0,016	0,319	-0,001	0,007	0,036	FALSE
-0,091	0,320	-0,002	0,007	0,107	FALSE
-0,068	0,317	-0,002	0,007	0,085	FALSE
-0,137	0,306	-0,004	0,009	0,196	FALSE
0,001	0,304	0,001	0,008	0,038	FALSE
0,073	0,297	0,002	0,008	0,086	FALSE
0,044	0,302	0,001	0,008	0,064	FALSE
0,038	0,322	0,001	0,008	0,059	FALSE
0,030	0,304	0,002	0,012	0,059	FALSE
-0,078	0,310	-0,003	0,009	0,115	FALSE
-0,035	0,316	-0,001	0,013	0,040	FALSE
-0,006	0,322	0,000	0,006	0,025	FALSE
-0,046	0,317	-0,001	0,009	0,053	FALSE
-0,064	0,317	-0,001	0,006	0,067	FALSE
0,033	0,295	0,001	0,008	0,040	FALSE
-0,040	0,305	-0,001	0,008	0,057	FALSE
-0,074	0,299	-0,002	0,009	0,096	FALSE
0,030	0,299	0,001	0,009	0,036	FALSE
0,107	0,306	0,004	0,010	0,151	FALSE

-0,178	0,296	-0,006	0,009	0,261	FALSE
-0,037	0,302	-0,002	0,010	0,055	FALSE
-0,061	0,310	-0,003	0,010	0,106	FALSE
-0,102	0,305	-0,004	0,010	0,164	FALSE
-0,034	0,282	-0,001	0,007	0,070	FALSE
0,015	0,298	0,000	0,010	0,011	FALSE
-0,043	0,301	-0,001	0,007	0,064	FALSE
-0,082	0,308	-0,002	0,007	0,095	FALSE
0,003	0,293	0,000	0,007	0,015	FALSE
-0,041	0,325	-0,002	0,013	0,054	FALSE
-0,022	0,309	-0,002	0,008	0,070	FALSE
-0,138	0,315	-0,003	0,008	0,168	FALSE
0,028	0,306	0,000	0,009	0,016	FALSE
-0,039	0,308	-0,001	0,007	0,061	FALSE
0,009	0,319	0,000	0,013	0,012	FALSE
-0,005	0,320	0,000	0,013	0,013	FALSE
-0,017	0,324	-0,001	0,013	0,014	FALSE
-0,010	0,327	0,000	0,013	0,010	FALSE
-0,013	0,324	-0,001	0,013	0,019	FALSE
0,016	0,307	0,000	0,012	0,013	FALSE
-0,019	0,325	-0,001	0,014	0,024	FALSE
0,007	0,323	0,000	0,008	0,002	FALSE
0,125	0,294	0,003	0,008	0,166	FALSE
0,048	0,300	0,002	0,012	0,068	FALSE
-0,009	0,324	-0,001	0,013	0,014	FALSE
-0,028	0,316	-0,001	0,013	0,033	FALSE
-0,024	0,320	-0,001	0,013	0,027	FALSE
0,008	0,317	0,000	0,013	0,002	FALSE
0,011	0,328	0,000	0,013	0,013	FALSE
0,005	0,319	0,000	0,013	0,001	FALSE
-0,021	0,310	-0,001	0,013	0,027	FALSE
0,010	0,318	0,000	0,013	0,005	FALSE
-0,035	0,323	-0,002	0,013	0,045	FALSE
-0,003	0,316	0,000	0,013	0,005	FALSE
0,004	0,326	0,000	0,013	0,003	FALSE
-0,009	0,319	-0,001	0,013	0,015	FALSE
0,033	0,310	0,001	0,012	0,037	FALSE
0,011	0,315	0,000	0,013	0,005	FALSE
-0,011	0,322	-0,001	0,013	0,021	FALSE
-0,026	0,311	-0,001	0,013	0,037	FALSE
0,045	0,299	0,001	0,007	0,048	FALSE
0,022	0,300	0,001	0,012	0,015	FALSE
0,030	0,314	0,001	0,007	0,030	FALSE
-0,010	0,297	0,000	0,008	0,006	FALSE
-0,015	0,304	0,000	0,008	0,008	FALSE
0,081	0,309	0,002	0,006	0,098	FALSE
0,095	0,308	0,002	0,007	0,096	FALSE
0,060	0,308	0,001	0,009	0,058	FALSE
0,044	0,304	0,001	0,008	0,048	FALSE
0,056	0,299	0,001	0,007	0,073	FALSE
-0,091	0,303	-0,002	0,006	0,121	FALSE
-0,127	0,295	-0,003	0,009	0,150	FALSE
0,025	0,318	0,001	0,010	0,026	FALSE

-0,113	0,300	-0,002	0,007	0,136	FALSE
0,053	0,297	0,002	0,010	0,077	FALSE
0,004	0,317	0,000	0,011	0,007	FALSE
0,033	0,310	0,001	0,011	0,037	FALSE
0,034	0,302	0,001	0,012	0,044	FALSE
-0,104	0,310	-0,004	0,012	0,142	FALSE
-0,044	0,314	-0,002	0,012	0,055	FALSE
0,025	0,308	0,001	0,009	0,030	FALSE
-0,107	0,321	-0,004	0,012	0,148	FALSE
0,007	0,313	0,000	0,012	0,010	FALSE
-0,079	0,312	-0,003	0,010	0,114	FALSE
-0,151	0,315	-0,004	0,007	0,225	FALSE
-0,006	0,304	0,000	0,013	0,000	FALSE
0,094	0,315	0,002	0,007	0,120	FALSE
0,015	0,312	0,000	0,012	0,008	FALSE
0,015	0,312	0,001	0,012	0,022	FALSE
0,041	0,323	0,002	0,013	0,046	FALSE
-0,019	0,322	-0,001	0,013	0,022	FALSE
0,037	0,316	0,001	0,013	0,040	FALSE
0,023	0,314	0,001	0,013	0,024	FALSE
0,011	0,320	0,000	0,013	0,010	FALSE
-0,012	0,323	-0,001	0,013	0,016	FALSE
-0,032	0,303	-0,001	0,012	0,040	FALSE
-0,019	0,307	-0,001	0,012	0,032	FALSE
-0,024	0,300	0,000	0,007	0,023	FALSE
-0,038	0,301	-0,001	0,009	0,050	FALSE
0,021	0,319	0,001	0,013	0,015	FALSE
0,010	0,313	0,000	0,013	0,006	FALSE
-0,001	0,326	0,000	0,013	0,000	FALSE
0,015	0,321	0,001	0,013	0,017	FALSE
0,018	0,321	0,001	0,013	0,019	FALSE
0,067	0,298	0,001	0,009	0,060	FALSE
0,064	0,324	0,002	0,009	0,100	FALSE
0,021	0,312	0,001	0,012	0,023	FALSE
0,033	0,322	0,001	0,013	0,034	FALSE
0,019	0,327	0,001	0,013	0,020	FALSE
-0,026	0,311	-0,001	0,012	0,033	FALSE
0,005	0,311	0,000	0,013	0,000	FALSE
0,001	0,300	0,000	0,012	0,009	FALSE
-0,024	0,291	-0,001	0,006	0,028	FALSE
0,105	0,316	0,002	0,007	0,122	FALSE
0,021	0,310	0,001	0,012	0,019	FALSE
0,013	0,321	0,001	0,013	0,017	FALSE
-0,005	0,319	0,000	0,013	0,007	FALSE
-0,082	0,310	-0,004	0,012	0,139	FALSE
-0,019	0,300	0,000	0,010	0,009	FALSE
0,055	0,293	0,001	0,009	0,056	FALSE
0,041	0,293	0,001	0,010	0,050	FALSE
0,069	0,287	0,002	0,009	0,086	FALSE
-0,068	0,307	-0,002	0,009	0,094	FALSE
-0,050	0,311	-0,002	0,009	0,065	FALSE
0,094	0,314	0,003	0,010	0,119	FALSE
0,068	0,288	0,002	0,008	0,099	FALSE

-0,038	0,319	-0,001	0,009	0,046	FALSE
-0,010	0,299	-0,001	0,012	0,043	FALSE
0,080	0,306	0,002	0,006	0,103	FALSE
-0,110	0,310	-0,003	0,010	0,129	FALSE
0,046	0,313	0,002	0,012	0,055	FALSE
0,026	0,324	0,001	0,013	0,024	FALSE
0,018	0,320	0,001	0,013	0,016	FALSE
0,006	0,312	0,000	0,013	0,000	FALSE
-0,045	0,312	-0,001	0,010	0,025	FALSE
0,039	0,313	0,001	0,008	0,042	FALSE
0,101	0,310	0,002	0,007	0,099	FALSE
-0,087	0,310	-0,002	0,010	0,077	FALSE
0,014	0,316	0,000	0,007	0,002	FALSE
-0,015	0,303	-0,001	0,007	0,040	FALSE
0,011	0,315	0,000	0,007	0,021	FALSE
0,028	0,296	0,000	0,007	0,021	FALSE
0,014	0,309	0,000	0,007	0,008	FALSE
0,036	0,315	0,001	0,007	0,027	FALSE
0,033	0,313	0,000	0,007	0,013	FALSE
0,015	0,301	0,000	0,007	0,007	FALSE
0,039	0,299	0,000	0,007	0,026	FALSE
-0,039	0,319	-0,002	0,013	0,065	FALSE
-0,071	0,328	-0,001	0,007	0,058	FALSE
0,097	0,309	0,002	0,008	0,099	FALSE
-0,025	0,312	-0,001	0,012	0,044	FALSE
0,066	0,310	0,002	0,012	0,068	FALSE
0,042	0,309	0,002	0,012	0,048	FALSE
0,003	0,318	0,000	0,013	0,002	FALSE
0,002	0,308	0,000	0,012	0,011	FALSE
0,006	0,327	0,000	0,013	0,004	FALSE
-0,008	0,328	-0,001	0,013	0,021	FALSE
0,009	0,318	0,000	0,013	0,003	FALSE
0,007	0,321	0,000	0,013	0,002	FALSE
-0,017	0,312	-0,001	0,013	0,024	FALSE
-0,029	0,315	-0,002	0,013	0,050	FALSE
-0,006	0,318	0,000	0,013	0,005	FALSE
-0,021	0,313	-0,001	0,013	0,024	FALSE
-0,070	0,320	-0,002	0,007	0,092	FALSE
-0,071	0,318	-0,002	0,008	0,081	FALSE
0,107	0,293	0,002	0,007	0,106	FALSE
0,101	0,303	0,002	0,007	0,093	FALSE
-0,024	0,322	-0,001	0,013	0,032	FALSE
-0,003	0,317	0,000	0,012	0,004	FALSE
-0,041	0,323	-0,001	0,008	0,053	FALSE
-0,053	0,297	-0,002	0,010	0,066	FALSE
0,032	0,307	0,000	0,007	0,025	FALSE
0,029	0,309	0,001	0,011	0,035	FALSE
0,014	0,312	0,000	0,008	0,010	FALSE
0,114	0,302	0,002	0,007	0,152	FALSE
-0,035	0,310	-0,002	0,012	0,052	FALSE
0,036	0,297	0,001	0,009	0,053	FALSE
-0,097	0,310	-0,003	0,009	0,124	FALSE
0,064	0,314	0,002	0,009	0,074	FALSE

-0,033	0,311	-0,001	0,007	0,051	FALSE
-0,015	0,316	0,000	0,012	0,013	FALSE
0,090	0,298	0,003	0,010	0,129	FALSE
0,006	0,303	-0,001	0,007	0,034	FALSE
0,056	0,314	0,003	0,012	0,106	FALSE
0,091	0,315	0,004	0,011	0,159	FALSE
0,027	0,315	0,001	0,007	0,034	FALSE
-0,080	0,304	-0,003	0,011	0,111	FALSE
-0,099	0,304	-0,004	0,011	0,153	FALSE
-0,100	0,302	-0,002	0,008	0,109	FALSE
-0,044	0,309	-0,002	0,011	0,059	FALSE
-0,009	0,309	0,000	0,007	0,001	FALSE
0,044	0,298	0,002	0,009	0,068	FALSE
0,055	0,306	0,001	0,008	0,068	FALSE
-0,043	0,294	-0,001	0,010	0,048	FALSE
0,012	0,312	0,001	0,011	0,019	FALSE
0,012	0,322	0,000	0,007	0,018	FALSE
0,046	0,282	0,001	0,009	0,035	FALSE
-0,083	0,304	-0,003	0,012	0,084	FALSE
-0,025	0,304	-0,001	0,012	0,037	FALSE
0,001	0,295	0,000	0,012	0,011	FALSE
-0,004	0,292	0,000	0,012	0,014	FALSE
0,133	0,292	0,005	0,011	0,180	FALSE
0,095	0,305	0,004	0,012	0,124	FALSE
-0,085	0,306	-0,003	0,012	0,084	FALSE
-0,011	0,305	-0,001	0,012	0,031	FALSE
-0,062	0,302	-0,002	0,011	0,081	FALSE
-0,108	0,320	-0,004	0,011	0,131	FALSE
0,081	0,294	0,003	0,008	0,133	FALSE
0,016	0,308	0,001	0,012	0,023	FALSE
0,012	0,309	0,001	0,012	0,019	FALSE
0,034	0,313	0,001	0,007	0,031	FALSE
-0,006	0,312	0,000	0,011	0,002	FALSE
-0,031	0,317	-0,001	0,011	0,023	FALSE
-0,009	0,317	0,000	0,012	0,005	FALSE
-0,005	0,306	0,000	0,011	0,007	FALSE
0,011	0,316	0,000	0,011	0,000	FALSE
0,014	0,302	0,001	0,008	0,030	FALSE
0,038	0,310	0,001	0,007	0,047	FALSE
-0,122	0,305	-0,002	0,006	0,158	FALSE
-0,068	0,299	-0,002	0,010	0,078	FALSE
0,038	0,304	0,001	0,012	0,034	FALSE
0,023	0,303	0,001	0,012	0,018	FALSE
-0,076	0,286	-0,001	0,007	0,064	FALSE
-0,052	0,304	-0,001	0,008	0,025	FALSE
-0,062	0,294	-0,001	0,007	0,041	FALSE
0,110	0,306	0,004	0,010	0,167	FALSE
0,005	0,303	0,001	0,012	0,020	FALSE
0,032	0,313	0,001	0,010	0,036	FALSE
-0,015	0,321	0,000	0,012	0,008	FALSE
-0,079	0,287	-0,002	0,010	0,083	FALSE
-0,071	0,316	-0,002	0,012	0,069	FALSE
-0,069	0,298	-0,003	0,011	0,104	FALSE

-0,014	0,313	-0,001	0,012	0,016	FALSE
-0,147	0,300	-0,004	0,008	0,199	FALSE
-0,015	0,306	0,000	0,012	0,011	FALSE
-0,087	0,301	-0,004	0,011	0,152	FALSE
0,042	0,318	0,002	0,013	0,061	FALSE
-0,011	0,300	-0,001	0,012	0,038	FALSE
0,044	0,305	0,002	0,011	0,073	FALSE
-0,047	0,310	0,000	0,008	0,019	FALSE
-0,044	0,294	-0,001	0,010	0,047	FALSE
-0,098	0,310	-0,002	0,007	0,127	FALSE
0,064	0,308	0,002	0,010	0,053	FALSE
0,095	0,303	0,004	0,012	0,130	FALSE
0,092	0,309	0,004	0,013	0,111	FALSE
0,077	0,306	0,003	0,012	0,102	FALSE
-0,016	0,310	0,000	0,009	0,015	FALSE
-0,058	0,312	-0,001	0,008	0,067	FALSE
0,007	0,302	0,000	0,010	0,011	FALSE
-0,019	0,298	-0,001	0,010	0,039	FALSE
0,102	0,291	0,003	0,009	0,125	FALSE
-0,031	0,310	-0,001	0,007	0,027	FALSE
-0,023	0,301	0,000	0,010	0,015	FALSE
0,094	0,300	0,002	0,009	0,082	FALSE
0,000	0,295	0,001	0,011	0,030	FALSE
-0,072	0,301	-0,004	0,012	0,114	FALSE
0,061	0,309	0,002	0,011	0,072	FALSE
-0,103	0,314	-0,004	0,013	0,119	FALSE
-0,014	0,297	0,000	0,012	0,013	FALSE
-0,087	0,299	-0,002	0,008	0,088	FALSE
0,085	0,309	0,002	0,007	0,099	FALSE
0,027	0,307	0,001	0,008	0,030	FALSE
0,020	0,312	0,001	0,009	0,028	FALSE
0,020	0,297	0,000	0,008	0,005	FALSE
0,011	0,309	0,001	0,010	0,028	FALSE
-0,052	0,311	-0,002	0,009	0,079	FALSE
-0,024	0,301	0,000	0,009	0,007	FALSE
0,071	0,308	0,003	0,012	0,106	FALSE
0,029	0,294	0,002	0,010	0,061	FALSE
-0,116	0,310	-0,003	0,008	0,143	FALSE
-0,088	0,312	-0,003	0,012	0,081	FALSE
0,022	0,303	0,001	0,010	0,050	FALSE
0,102	0,303	0,003	0,011	0,110	FALSE
-0,115	0,298	-0,002	0,008	0,113	FALSE
-0,076	0,325	-0,002	0,010	0,093	FALSE
-0,009	0,307	0,000	0,006	0,024	FALSE
-0,005	0,306	0,000	0,006	0,019	FALSE
-0,019	0,295	-0,001	0,006	0,042	FALSE
-0,006	0,302	0,000	0,011	0,002	FALSE
0,060	0,314	0,001	0,007	0,041	FALSE
-0,020	0,311	-0,001	0,007	0,043	FALSE
-0,024	0,318	-0,001	0,011	0,034	FALSE
-0,104	0,299	-0,002	0,007	0,107	FALSE
0,029	0,317	0,001	0,010	0,032	FALSE
0,127	0,307	0,006	0,012	0,189	FALSE

0,096	0,321	0,005	0,013	0,143	FALSE
0,101	0,307	0,005	0,013	0,156	FALSE
-0,087	0,306	-0,004	0,012	0,129	FALSE
0,010	0,311	0,000	0,007	0,012	FALSE
0,183	0,299	0,009	0,013	0,300	FALSE
0,050	0,312	0,001	0,007	0,082	FALSE
0,158	0,307	0,007	0,013	0,227	FALSE
0,179	0,304	0,008	0,013	0,283	FALSE
-0,157	0,288	-0,007	0,012	0,236	FALSE
-0,051	0,300	-0,001	0,009	0,056	FALSE
0,016	0,299	0,000	0,012	0,013	FALSE
-0,056	0,301	-0,002	0,010	0,067	FALSE
0,070	0,315	0,001	0,007	0,072	FALSE
-0,001	0,313	-0,001	0,012	0,022	FALSE
-0,082	0,311	-0,003	0,010	0,108	FALSE
0,076	0,315	0,001	0,007	0,071	FALSE
0,094	0,311	0,002	0,007	0,101	FALSE
-0,094	0,309	-0,003	0,009	0,132	FALSE
0,040	0,317	0,002	0,012	0,074	FALSE
0,102	0,321	0,004	0,011	0,126	FALSE
0,127	0,310	0,005	0,011	0,180	FALSE
-0,105	0,307	-0,004	0,010	0,154	FALSE
0,063	0,300	0,002	0,009	0,069	FALSE
-0,005	0,320	-0,001	0,013	0,038	FALSE
0,017	0,303	-0,001	0,012	0,016	FALSE
0,013	0,324	0,000	0,008	0,014	FALSE
0,018	0,302	0,001	0,010	0,019	FALSE
0,000	0,308	0,000	0,007	0,005	FALSE
-0,022	0,297	0,000	0,008	0,002	FALSE
-0,113	0,319	-0,003	0,009	0,119	FALSE
-0,134	0,322	-0,004	0,010	0,149	FALSE
-0,146	0,309	-0,004	0,009	0,178	FALSE
0,057	0,310	0,001	0,008	0,067	FALSE
-0,170	0,306	-0,006	0,011	0,261	FALSE
0,070	0,305	0,002	0,008	0,089	FALSE
0,085	0,310	0,002	0,008	0,119	FALSE
0,092	0,304	0,002	0,008	0,112	FALSE
-0,016	0,321	-0,001	0,011	0,022	FALSE
0,037	0,311	0,001	0,009	0,038	FALSE
0,033	0,311	0,001	0,008	0,064	FALSE
0,013	0,316	0,001	0,013	0,016	FALSE
-0,015	0,314	0,000	0,013	0,009	FALSE
0,083	0,315	0,003	0,012	0,091	FALSE
0,000	0,320	0,000	0,008	0,011	FALSE
0,052	0,306	0,001	0,010	0,048	FALSE
-0,081	0,291	-0,005	0,011	0,170	FALSE
-0,063	0,299	-0,004	0,012	0,144	FALSE
0,099	0,315	0,004	0,012	0,145	FALSE
-0,016	0,302	-0,001	0,009	0,036	FALSE
-0,093	0,290	-0,004	0,009	0,165	FALSE
-0,028	0,306	-0,002	0,013	0,044	FALSE
0,093	0,301	0,002	0,006	0,116	FALSE
0,075	0,306	0,003	0,008	0,134	FALSE

-0,108	0,302	-0,002	0,007	0,126	FALSE
-0,012	0,298	-0,001	0,007	0,032	FALSE
0,052	0,317	0,002	0,012	0,063	FALSE
0,116	0,304	0,004	0,010	0,146	FALSE
0,011	0,303	0,000	0,011	0,003	FALSE
0,103	0,292	0,002	0,008	0,122	FALSE
-0,008	0,319	0,000	0,011	0,013	FALSE
-0,002	0,309	0,000	0,010	0,000	FALSE
0,007	0,305	0,000	0,011	0,014	FALSE
-0,011	0,315	0,000	0,011	0,012	FALSE
0,006	0,314	0,000	0,010	0,003	FALSE
0,057	0,310	0,002	0,009	0,070	FALSE
0,131	0,301	0,003	0,007	0,163	FALSE
-0,063	0,296	-0,002	0,008	0,086	FALSE
-0,077	0,309	-0,002	0,007	0,098	FALSE
-0,003	0,309	0,000	0,007	0,002	FALSE
0,017	0,319	0,001	0,008	0,023	FALSE
-0,117	0,296	-0,003	0,008	0,183	FALSE
-0,072	0,314	-0,002	0,009	0,076	FALSE
-0,048	0,310	-0,001	0,009	0,052	FALSE
-0,127	0,306	-0,006	0,013	0,205	FALSE
-0,101	0,322	-0,005	0,013	0,156	FALSE
-0,041	0,318	-0,001	0,008	0,055	FALSE
-0,116	0,305	-0,006	0,013	0,178	FALSE
0,166	0,294	0,007	0,011	0,314	FALSE
-0,013	0,315	-0,001	0,012	0,016	FALSE
-0,006	0,310	0,000	0,012	0,008	FALSE
-0,062	0,324	-0,001	0,008	0,047	FALSE
-0,177	0,319	-0,004	0,007	0,239	FALSE
0,023	0,301	0,002	0,008	0,068	FALSE
0,103	0,313	0,002	0,007	0,102	FALSE
0,099	0,302	0,002	0,006	0,120	FALSE
0,088	0,295	0,002	0,006	0,097	FALSE
0,093	0,311	0,002	0,007	0,122	FALSE
0,053	0,299	0,001	0,008	0,066	FALSE
-0,145	0,310	-0,006	0,012	0,201	FALSE
0,127	0,301	0,004	0,009	0,174	FALSE
-0,129	0,307	-0,005	0,012	0,183	FALSE
-0,114	0,293	-0,005	0,011	0,186	FALSE
-0,039	0,315	-0,001	0,007	0,073	FALSE
0,009	0,312	0,000	0,007	0,014	FALSE
0,033	0,312	0,001	0,007	0,049	FALSE
0,012	0,310	0,001	0,012	0,015	FALSE
0,002	0,316	0,001	0,013	0,015	FALSE
0,010	0,314	0,000	0,006	0,008	FALSE
-0,036	0,321	-0,001	0,009	0,050	FALSE
0,015	0,316	0,000	0,007	0,022	FALSE
0,006	0,298	0,000	0,010	0,001	FALSE
-0,019	0,315	-0,001	0,009	0,029	FALSE
-0,070	0,316	-0,003	0,011	0,088	FALSE
-0,001	0,321	0,000	0,007	0,002	FALSE
0,142	0,313	0,003	0,007	0,197	FALSE
0,101	0,303	0,004	0,012	0,146	FALSE

-0,012	0,329	0,000	0,013	0,002	FALSE
-0,026	0,324	-0,001	0,008	0,057	FALSE
-0,012	0,302	-0,001	0,010	0,030	FALSE
0,032	0,307	0,002	0,010	0,073	FALSE
0,038	0,297	0,003	0,010	0,100	FALSE
-0,041	0,304	-0,001	0,006	0,080	FALSE
-0,025	0,301	-0,001	0,008	0,037	FALSE
-0,014	0,313	0,000	0,008	0,000	FALSE
0,012	0,297	0,000	0,011	0,007	FALSE
0,096	0,292	0,003	0,007	0,158	FALSE
-0,040	0,300	-0,001	0,009	0,049	FALSE
-0,063	0,321	-0,003	0,012	0,090	FALSE
0,046	0,286	0,002	0,010	0,088	FALSE
0,013	0,307	0,001	0,008	0,025	FALSE
0,115	0,298	0,005	0,010	0,184	FALSE
0,094	0,296	0,005	0,012	0,170	FALSE
0,095	0,299	0,005	0,012	0,173	FALSE
-0,057	0,317	-0,001	0,008	0,050	FALSE
0,003	0,321	0,000	0,013	0,002	FALSE
0,070	0,310	0,002	0,007	0,108	FALSE
-0,136	0,293	-0,005	0,010	0,199	FALSE
0,018	0,313	0,001	0,012	0,027	FALSE
-0,186	0,294	-0,006	0,009	0,278	FALSE
-0,074	0,304	-0,002	0,008	0,077	FALSE
-0,028	0,303	-0,001	0,011	0,033	FALSE
-0,089	0,298	-0,003	0,010	0,127	FALSE
0,059	0,302	0,001	0,012	0,029	FALSE
0,064	0,293	0,001	0,012	0,030	FALSE
0,061	0,309	0,002	0,012	0,060	FALSE
0,123	0,301	0,003	0,009	0,158	FALSE
-0,009	0,311	-0,001	0,012	0,017	FALSE
0,016	0,313	0,001	0,013	0,023	FALSE
0,006	0,314	0,000	0,012	0,004	FALSE
-0,020	0,314	0,000	0,007	0,000	FALSE
0,032	0,310	0,001	0,012	0,036	FALSE
-0,014	0,310	-0,001	0,012	0,024	FALSE
-0,001	0,312	0,000	0,006	0,009	FALSE
0,000	0,321	-0,001	0,010	0,035	FALSE
-0,035	0,306	0,000	0,012	0,009	FALSE
0,030	0,317	0,001	0,009	0,023	FALSE
-0,051	0,324	-0,002	0,008	0,069	FALSE
-0,054	0,317	-0,002	0,008	0,075	FALSE
-0,034	0,315	-0,001	0,008	0,050	FALSE
0,035	0,310	0,000	0,007	0,014	FALSE
0,029	0,311	0,001	0,013	0,024	FALSE
-0,010	0,298	0,000	0,008	0,022	FALSE
-0,055	0,319	-0,002	0,009	0,090	FALSE
-0,034	0,310	0,000	0,012	0,012	FALSE
0,005	0,302	0,001	0,011	0,021	FALSE
-0,034	0,301	-0,001	0,009	0,055	FALSE
-0,032	0,309	-0,001	0,013	0,023	FALSE
0,063	0,322	0,002	0,012	0,071	FALSE
-0,001	0,307	0,000	0,007	0,021	FALSE

-0,037	0,302	-0,001	0,007	0,055	FALSE
0,054	0,304	0,001	0,011	0,049	FALSE
0,111	0,306	0,004	0,013	0,124	FALSE
0,087	0,296	0,003	0,009	0,147	FALSE
0,077	0,295	0,003	0,009	0,133	FALSE
-0,017	0,310	0,000	0,007	0,021	FALSE
0,017	0,295	0,001	0,011	0,020	FALSE
-0,114	0,310	-0,003	0,008	0,136	FALSE
-0,085	0,304	-0,003	0,013	0,105	FALSE
0,037	0,318	0,002	0,012	0,046	FALSE
-0,064	0,294	-0,001	0,008	0,063	FALSE
-0,047	0,309	-0,001	0,009	0,027	FALSE
-0,043	0,310	-0,001	0,009	0,036	FALSE
0,125	0,299	0,004	0,010	0,166	FALSE
0,108	0,289	0,003	0,010	0,125	FALSE
-0,067	0,317	-0,002	0,010	0,080	FALSE
-0,059	0,320	-0,002	0,013	0,065	FALSE
0,082	0,312	0,003	0,009	0,110	FALSE
-0,075	0,306	-0,003	0,012	0,082	FALSE
-0,088	0,316	-0,004	0,013	0,108	FALSE
-0,099	0,290	-0,005	0,011	0,200	FALSE
-0,005	0,318	0,000	0,008	0,009	FALSE
0,104	0,308	0,003	0,007	0,152	FALSE
-0,004	0,312	-0,001	0,011	0,026	FALSE
0,099	0,289	0,004	0,012	0,141	FALSE
0,131	0,306	0,005	0,011	0,192	FALSE
0,169	0,303	0,007	0,012	0,252	FALSE
0,027	0,310	0,001	0,007	0,054	FALSE
0,099	0,292	0,004	0,011	0,145	FALSE
0,117	0,300	0,005	0,012	0,162	FALSE
-0,095	0,299	-0,002	0,007	0,110	FALSE
-0,084	0,308	-0,002	0,007	0,087	FALSE
-0,006	0,300	0,000	0,011	0,004	FALSE
0,055	0,312	0,001	0,008	0,046	FALSE
0,022	0,302	0,000	0,008	0,019	FALSE
-0,121	0,310	-0,003	0,007	0,144	FALSE
0,084	0,305	0,003	0,012	0,103	FALSE
0,013	0,300	0,000	0,008	0,006	FALSE
0,139	0,305	0,004	0,007	0,240	FALSE
-0,021	0,321	-0,001	0,011	0,034	FALSE
0,039	0,313	0,001	0,013	0,031	FALSE
0,121	0,315	0,004	0,011	0,156	FALSE
0,017	0,309	0,001	0,013	0,015	FALSE
0,014	0,303	0,000	0,010	0,006	FALSE
0,133	0,309	0,007	0,013	0,210	FALSE
0,042	0,329	0,002	0,010	0,062	FALSE
-0,075	0,289	-0,003	0,009	0,134	FALSE
0,093	0,305	0,003	0,008	0,134	FALSE
-0,027	0,310	-0,001	0,010	0,028	FALSE
0,038	0,311	0,001	0,009	0,058	FALSE
0,030	0,314	0,001	0,009	0,041	FALSE
0,021	0,320	0,001	0,009	0,031	FALSE
-0,036	0,302	-0,001	0,009	0,048	FALSE

-0,072	0,300	-0,002	0,006	0,097	FALSE
-0,069	0,309	-0,002	0,007	0,097	FALSE
-0,014	0,304	0,000	0,007	0,024	FALSE
-0,051	0,315	-0,001	0,007	0,068	FALSE
0,032	0,310	0,001	0,009	0,053	FALSE
0,097	0,292	0,003	0,010	0,121	FALSE
0,027	0,309	0,001	0,008	0,045	FALSE
0,060	0,298	0,002	0,006	0,120	FALSE
0,092	0,306	0,005	0,013	0,144	FALSE
-0,095	0,306	-0,002	0,006	0,104	FALSE
-0,067	0,316	-0,004	0,011	0,121	FALSE
0,024	0,316	0,001	0,008	0,038	FALSE
-0,084	0,313	-0,002	0,010	0,098	FALSE
-0,160	0,288	-0,008	0,012	0,280	FALSE
0,087	0,298	0,005	0,013	0,163	FALSE
0,009	0,313	0,001	0,008	0,024	FALSE
0,081	0,291	0,001	0,007	0,075	FALSE
0,022	0,303	0,001	0,008	0,041	FALSE
0,027	0,304	0,001	0,008	0,023	FALSE
-0,122	0,312	-0,004	0,013	0,133	FALSE
-0,144	0,284	-0,004	0,009	0,176	FALSE
-0,192	0,286	-0,007	0,011	0,269	FALSE
-0,186	0,288	-0,007	0,011	0,264	FALSE
-0,172	0,272	-0,004	0,009	0,218	FALSE
-0,103	0,318	-0,003	0,010	0,120	FALSE
-0,210	0,289	-0,008	0,012	0,318	FALSE
-0,100	0,310	-0,005	0,013	0,148	FALSE
0,024	0,313	0,000	0,007	0,024	FALSE
0,176	0,309	0,005	0,008	0,273	FALSE
-0,005	0,303	0,000	0,007	0,002	FALSE
0,127	0,291	0,004	0,010	0,154	FALSE
0,127	0,302	0,004	0,010	0,152	FALSE
0,057	0,300	0,002	0,007	0,083	FALSE
-0,001	0,312	0,000	0,008	0,002	FALSE
-0,012	0,317	-0,001	0,008	0,024	FALSE
-0,074	0,314	-0,003	0,010	0,102	FALSE
-0,042	0,301	-0,001	0,008	0,057	FALSE
0,109	0,320	0,003	0,009	0,151	FALSE
0,095	0,319	0,004	0,011	0,137	FALSE
-0,011	0,304	0,000	0,007	0,011	FALSE
0,070	0,324	0,002	0,008	0,098	FALSE
0,091	0,317	0,002	0,008	0,108	FALSE
0,069	0,311	0,002	0,007	0,087	FALSE
0,078	0,312	0,003	0,011	0,119	FALSE
-0,019	0,312	-0,001	0,007	0,039	FALSE
-0,015	0,309	-0,001	0,012	0,026	FALSE
0,091	0,301	0,003	0,011	0,112	FALSE
-0,015	0,303	-0,001	0,013	0,020	FALSE
0,021	0,313	0,001	0,013	0,019	FALSE
-0,007	0,308	0,000	0,013	0,014	FALSE
-0,021	0,319	-0,001	0,013	0,031	FALSE
-0,017	0,316	-0,001	0,013	0,024	FALSE
0,018	0,297	0,001	0,012	0,018	FALSE

-0,072	0,314	-0,004	0,011	0,129	FALSE
-0,063	0,302	-0,003	0,011	0,115	FALSE
0,019	0,314	0,001	0,013	0,019	FALSE
0,073	0,305	0,001	0,007	0,076	FALSE
0,023	0,306	0,001	0,008	0,030	FALSE
-0,125	0,316	-0,005	0,012	0,187	FALSE
0,069	0,300	0,003	0,009	0,118	FALSE
0,108	0,297	0,004	0,013	0,116	FALSE
0,067	0,311	0,002	0,013	0,065	FALSE
-0,084	0,306	-0,002	0,007	0,106	FALSE
0,035	0,329	0,000	0,007	0,008	FALSE
0,003	0,309	0,000	0,008	0,010	FALSE
0,027	0,306	0,000	0,007	0,023	FALSE
0,071	0,310	0,002	0,008	0,094	FALSE
-0,090	0,318	-0,003	0,011	0,095	FALSE
-0,189	0,291	-0,006	0,011	0,249	FALSE
-0,187	0,301	-0,007	0,012	0,227	FALSE
0,047	0,308	0,001	0,010	0,042	FALSE
0,097	0,314	0,003	0,011	0,088	FALSE
0,068	0,310	0,002	0,011	0,071	FALSE
-0,109	0,312	-0,004	0,010	0,134	FALSE
0,017	0,307	0,002	0,012	0,051	FALSE
-0,049	0,321	-0,002	0,012	0,058	FALSE
-0,018	0,293	-0,001	0,012	0,021	FALSE
0,008	0,310	0,000	0,013	0,003	FALSE
0,040	0,314	0,001	0,010	0,050	FALSE
-0,087	0,298	-0,003	0,007	0,147	FALSE
0,104	0,316	0,004	0,012	0,125	FALSE
-0,021	0,303	0,000	0,009	0,007	FALSE
-0,008	0,302	0,000	0,007	0,015	FALSE
-0,067	0,303	-0,002	0,009	0,104	FALSE
-0,009	0,307	0,000	0,008	0,007	FALSE
-0,082	0,314	-0,002	0,007	0,117	FALSE
-0,029	0,316	-0,001	0,012	0,020	FALSE
-0,096	0,304	-0,004	0,013	0,133	FALSE
-0,069	0,300	-0,001	0,006	0,081	FALSE
0,038	0,309	0,002	0,010	0,058	FALSE
0,054	0,304	0,002	0,010	0,068	FALSE
0,019	0,297	0,000	0,011	0,005	FALSE
0,029	0,310	0,001	0,009	0,034	FALSE
-0,019	0,306	0,000	0,011	0,002	FALSE
0,007	0,319	0,000	0,009	0,005	FALSE
-0,036	0,289	-0,002	0,012	0,059	FALSE
0,008	0,312	0,000	0,009	0,001	FALSE
-0,086	0,310	-0,002	0,007	0,094	FALSE
0,083	0,286	0,004	0,011	0,135	FALSE
-0,016	0,315	0,000	0,008	0,009	FALSE
0,002	0,305	0,000	0,009	0,010	FALSE
0,022	0,328	0,001	0,010	0,030	FALSE
0,041	0,314	0,001	0,012	0,037	FALSE
0,171	0,300	0,007	0,011	0,267	FALSE
0,101	0,300	0,004	0,011	0,145	FALSE
-0,076	0,298	-0,003	0,009	0,124	FALSE

-0,107	0,311	-0,005	0,012	0,154	FALSE
0,030	0,311	0,001	0,007	0,035	FALSE
0,042	0,315	0,001	0,006	0,049	FALSE
-0,038	0,317	-0,001	0,009	0,046	FALSE
0,088	0,311	0,003	0,010	0,104	FALSE
-0,016	0,312	0,000	0,010	0,013	FALSE
-0,019	0,321	0,000	0,007	0,018	FALSE
0,036	0,297	0,001	0,007	0,053	FALSE
-0,062	0,315	-0,001	0,007	0,068	FALSE
0,083	0,304	0,003	0,008	0,152	FALSE
0,112	0,292	0,004	0,008	0,195	FALSE
0,053	0,315	0,003	0,012	0,095	FALSE
-0,006	0,309	-0,001	0,010	0,036	FALSE
0,044	0,301	0,002	0,010	0,069	FALSE
-0,055	0,313	-0,002	0,009	0,081	FALSE
0,084	0,308	0,002	0,007	0,087	FALSE
-0,027	0,310	-0,001	0,007	0,033	FALSE
-0,084	0,319	-0,004	0,011	0,132	FALSE
0,012	0,301	0,001	0,013	0,027	FALSE
-0,036	0,301	-0,001	0,010	0,048	FALSE
-0,076	0,307	-0,004	0,013	0,107	FALSE
0,048	0,299	0,002	0,010	0,074	FALSE
-0,050	0,316	-0,001	0,006	0,055	FALSE
-0,026	0,313	-0,001	0,006	0,034	FALSE
-0,072	0,306	-0,001	0,008	0,058	FALSE
-0,060	0,302	-0,002	0,012	0,076	FALSE
0,016	0,303	0,000	0,008	0,001	FALSE
-0,110	0,294	-0,003	0,010	0,125	FALSE
0,048	0,324	0,001	0,013	0,038	FALSE
0,024	0,323	0,001	0,013	0,020	FALSE
-0,017	0,316	-0,001	0,012	0,026	FALSE
0,149	0,295	0,003	0,007	0,152	FALSE
0,153	0,293	0,003	0,007	0,170	FALSE
-0,021	0,319	-0,002	0,013	0,056	FALSE
-0,070	0,302	-0,003	0,012	0,099	FALSE
-0,027	0,327	-0,001	0,013	0,030	FALSE
-0,094	0,312	-0,004	0,013	0,108	FALSE
-0,088	0,320	-0,003	0,011	0,094	FALSE
-0,087	0,298	-0,002	0,008	0,098	FALSE
-0,103	0,312	-0,004	0,012	0,131	FALSE
-0,173	0,310	-0,006	0,011	0,239	FALSE
-0,045	0,310	-0,001	0,011	0,028	FALSE
0,035	0,304	0,001	0,011	0,031	FALSE
0,067	0,319	0,002	0,010	0,077	FALSE
-0,051	0,295	-0,002	0,012	0,057	FALSE
0,013	0,318	0,000	0,008	0,000	FALSE
0,030	0,314	0,000	0,007	0,023	FALSE
-0,050	0,314	-0,001	0,007	0,054	FALSE
0,055	0,299	0,001	0,012	0,037	FALSE
-0,097	0,297	-0,004	0,012	0,143	FALSE
0,013	0,302	-0,001	0,008	0,021	FALSE
0,098	0,300	0,005	0,012	0,160	FALSE
0,069	0,312	0,002	0,007	0,104	FALSE

-0,023	0,313	-0,001	0,008	0,030	FALSE
0,075	0,300	0,004	0,012	0,132	FALSE
0,038	0,296	0,001	0,010	0,036	FALSE
-0,035	0,322	-0,001	0,007	0,042	FALSE
-0,010	0,315	0,000	0,013	0,013	FALSE
-0,085	0,298	-0,003	0,012	0,114	FALSE
0,042	0,313	0,001	0,009	0,062	FALSE
-0,021	0,306	0,000	0,007	0,015	FALSE
0,072	0,312	0,003	0,008	0,124	FALSE
-0,008	0,297	0,000	0,009	0,020	FALSE
-0,006	0,287	0,000	0,009	0,019	FALSE
0,022	0,304	0,001	0,012	0,033	FALSE
-0,071	0,296	-0,001	0,007	0,081	FALSE
-0,056	0,312	-0,001	0,007	0,069	FALSE
-0,111	0,310	-0,002	0,007	0,139	FALSE
-0,103	0,315	-0,002	0,007	0,115	FALSE
-0,067	0,312	-0,002	0,007	0,076	FALSE
-0,034	0,311	-0,001	0,007	0,029	FALSE
-0,115	0,307	-0,003	0,008	0,134	FALSE
-0,069	0,294	-0,002	0,012	0,075	FALSE
0,038	0,295	0,002	0,011	0,067	FALSE
0,100	0,314	0,004	0,012	0,131	FALSE
-0,081	0,299	-0,002	0,012	0,067	FALSE
0,100	0,304	0,002	0,007	0,124	FALSE
-0,102	0,317	-0,002	0,007	0,127	FALSE
-0,061	0,298	-0,002	0,011	0,063	FALSE
0,005	0,321	0,000	0,013	0,005	FALSE
0,020	0,322	0,001	0,013	0,024	FALSE
-0,045	0,307	-0,001	0,009	0,047	FALSE
0,091	0,308	0,002	0,006	0,150	FALSE
-0,050	0,301	-0,001	0,006	0,036	FALSE
-0,050	0,314	-0,002	0,011	0,050	FALSE
-0,075	0,315	-0,003	0,010	0,120	FALSE
0,070	0,308	0,002	0,009	0,073	FALSE
0,062	0,298	0,002	0,008	0,094	FALSE
0,047	0,307	0,002	0,012	0,063	FALSE
-0,024	0,299	-0,001	0,009	0,027	FALSE
-0,027	0,306	-0,001	0,009	0,040	FALSE
-0,029	0,313	-0,001	0,007	0,053	FALSE
0,051	0,318	0,001	0,008	0,043	FALSE
0,023	0,308	0,001	0,006	0,042	FALSE
0,207	0,286	0,008	0,012	0,283	FALSE
0,192	0,279	0,007	0,012	0,255	FALSE
0,046	0,294	0,001	0,009	0,058	FALSE
0,023	0,318	0,001	0,006	0,046	FALSE
-0,007	0,308	0,000	0,010	0,001	FALSE
0,085	0,300	0,002	0,010	0,096	FALSE
-0,067	0,289	-0,001	0,011	0,039	FALSE
0,052	0,298	0,001	0,009	0,040	FALSE
-0,082	0,311	-0,002	0,012	0,077	FALSE
0,040	0,302	0,001	0,008	0,022	FALSE
-0,107	0,311	-0,004	0,012	0,117	FALSE
0,028	0,304	0,000	0,009	0,000	FALSE

0,033	0,310	0,000	0,009	0,007	FALSE
0,027	0,297	0,000	0,010	0,001	FALSE
0,083	0,305	0,002	0,010	0,084	FALSE
0,078	0,307	0,002	0,010	0,073	FALSE
0,090	0,309	0,002	0,010	0,088	FALSE
-0,113	0,302	-0,004	0,011	0,126	FALSE
-0,142	0,309	-0,005	0,012	0,160	FALSE
0,055	0,304	0,001	0,010	0,040	FALSE
0,089	0,293	0,004	0,011	0,135	FALSE
0,017	0,304	0,001	0,007	0,029	FALSE
-0,065	0,306	-0,002	0,007	0,089	FALSE
0,004	0,304	0,000	0,007	0,001	FALSE
-0,078	0,307	-0,002	0,007	0,102	FALSE
-0,026	0,308	-0,001	0,007	0,027	FALSE
0,061	0,315	0,001	0,009	0,062	FALSE
-0,040	0,317	-0,001	0,007	0,034	FALSE
0,061	0,297	0,001	0,006	0,056	FALSE
-0,032	0,321	0,000	0,007	0,020	FALSE
-0,008	0,300	0,000	0,008	0,021	FALSE
0,007	0,319	0,000	0,009	0,004	FALSE
0,019	0,304	0,001	0,011	0,049	FALSE
0,011	0,315	0,000	0,007	0,013	FALSE
-0,067	0,304	-0,001	0,006	0,089	FALSE
-0,135	0,297	-0,003	0,007	0,175	FALSE
0,022	0,322	0,001	0,009	0,023	FALSE
0,048	0,318	0,001	0,008	0,054	FALSE
0,047	0,302	0,001	0,007	0,067	FALSE
-0,023	0,295	0,000	0,008	0,003	FALSE
0,029	0,305	0,001	0,007	0,058	FALSE
0,029	0,306	0,001	0,007	0,059	FALSE
-0,067	0,321	-0,002	0,012	0,077	FALSE
-0,020	0,310	0,000	0,012	0,015	FALSE
-0,078	0,300	-0,003	0,012	0,101	FALSE
-0,089	0,307	-0,004	0,013	0,110	FALSE
-0,041	0,322	-0,002	0,013	0,057	FALSE
-0,035	0,313	-0,001	0,007	0,058	FALSE
0,025	0,305	0,001	0,012	0,022	FALSE
-0,010	0,305	0,000	0,007	0,025	FALSE
0,001	0,321	0,000	0,007	0,010	FALSE
-0,040	0,309	0,000	0,007	0,015	FALSE
-0,068	0,307	-0,002	0,007	0,115	FALSE
-0,063	0,307	-0,002	0,010	0,082	FALSE
-0,019	0,312	-0,001	0,007	0,028	FALSE
-0,033	0,306	-0,001	0,009	0,028	FALSE
-0,067	0,316	-0,002	0,008	0,088	FALSE
-0,068	0,310	-0,002	0,011	0,084	FALSE
0,053	0,295	0,002	0,009	0,080	FALSE
0,006	0,314	0,000	0,012	0,009	FALSE
-0,080	0,297	-0,003	0,010	0,121	FALSE
-0,069	0,314	-0,003	0,011	0,103	FALSE
-0,063	0,315	-0,002	0,011	0,083	FALSE
-0,058	0,311	-0,002	0,013	0,069	FALSE
-0,106	0,309	-0,004	0,010	0,143	FALSE

-0,102	0,306	-0,004	0,012	0,139	FALSE
0,105	0,310	0,005	0,013	0,143	FALSE
-0,109	0,315	-0,003	0,007	0,147	FALSE
0,022	0,301	0,001	0,006	0,035	FALSE
-0,084	0,320	-0,002	0,008	0,104	FALSE
0,045	0,311	0,001	0,007	0,065	FALSE
0,050	0,314	0,002	0,011	0,058	FALSE
-0,008	0,309	-0,001	0,013	0,018	FALSE
0,059	0,303	0,003	0,012	0,091	FALSE
-0,056	0,313	-0,001	0,007	0,054	FALSE
-0,042	0,306	-0,001	0,007	0,042	FALSE
0,023	0,324	0,000	0,013	0,009	FALSE
0,024	0,311	0,001	0,009	0,025	FALSE
0,082	0,326	0,004	0,013	0,130	FALSE
0,157	0,310	0,004	0,008	0,193	FALSE
-0,096	0,305	-0,003	0,007	0,147	FALSE
-0,091	0,308	-0,002	0,007	0,122	FALSE
-0,122	0,301	-0,003	0,007	0,169	FALSE
-0,102	0,303	-0,002	0,007	0,126	FALSE
-0,084	0,298	-0,002	0,007	0,117	FALSE
-0,147	0,299	-0,004	0,009	0,189	FALSE
-0,123	0,297	-0,004	0,011	0,153	FALSE
0,011	0,311	0,001	0,007	0,038	FALSE
0,096	0,309	0,003	0,011	0,091	FALSE
-0,033	0,304	0,000	0,007	0,005	FALSE
0,072	0,302	0,002	0,013	0,064	FALSE
0,017	0,301	0,001	0,007	0,051	FALSE
0,052	0,287	0,000	0,008	0,017	FALSE
-0,018	0,307	0,000	0,007	0,021	FALSE
-0,038	0,305	-0,001	0,007	0,031	FALSE
0,188	0,302	0,005	0,009	0,259	FALSE
-0,061	0,303	-0,001	0,007	0,068	FALSE
0,039	0,308	0,002	0,011	0,069	FALSE
-0,015	0,321	-0,001	0,013	0,023	FALSE
-0,035	0,317	-0,002	0,011	0,051	FALSE
0,024	0,316	0,001	0,007	0,035	FALSE
-0,034	0,299	-0,001	0,011	0,026	FALSE
0,003	0,302	0,000	0,007	0,006	FALSE
0,003	0,315	-0,001	0,008	0,024	FALSE
-0,001	0,309	0,001	0,012	0,021	FALSE
0,097	0,303	0,003	0,010	0,115	FALSE
0,049	0,310	0,002	0,012	0,051	FALSE
0,022	0,321	0,001	0,012	0,028	FALSE
-0,055	0,311	-0,001	0,007	0,060	FALSE
0,057	0,300	0,002	0,011	0,058	FALSE
0,021	0,313	0,001	0,007	0,053	FALSE
0,096	0,305	0,004	0,012	0,122	FALSE
0,070	0,297	0,003	0,009	0,107	FALSE
0,040	0,311	0,001	0,013	0,020	FALSE
-0,107	0,312	-0,004	0,013	0,139	FALSE
0,175	0,310	0,006	0,009	0,273	FALSE
-0,082	0,312	-0,002	0,008	0,091	FALSE
0,041	0,293	0,001	0,008	0,064	FALSE

0,053	0,307	0,002	0,010	0,075	FALSE
-0,012	0,308	-0,001	0,010	0,030	FALSE
-0,132	0,300	-0,005	0,010	0,207	FALSE
0,128	0,297	0,004	0,010	0,178	FALSE
0,061	0,315	0,001	0,008	0,056	FALSE
0,093	0,309	0,002	0,008	0,076	FALSE
-0,084	0,294	-0,004	0,010	0,144	FALSE
-0,107	0,307	-0,005	0,012	0,157	FALSE
-0,040	0,300	-0,001	0,012	0,024	FALSE
0,135	0,315	0,006	0,013	0,193	FALSE
-0,113	0,313	-0,003	0,008	0,133	FALSE
-0,086	0,311	-0,004	0,011	0,144	FALSE
-0,060	0,306	-0,001	0,007	0,053	FALSE
0,113	0,289	0,004	0,009	0,184	FALSE
0,124	0,288	0,005	0,011	0,203	FALSE
-0,029	0,301	-0,001	0,008	0,034	FALSE
0,116	0,311	0,005	0,011	0,179	FALSE
-0,003	0,299	0,001	0,007	0,039	FALSE
0,066	0,293	0,002	0,007	0,109	FALSE
-0,109	0,310	-0,004	0,011	0,149	FALSE
0,042	0,314	0,001	0,008	0,069	FALSE
-0,014	0,323	-0,001	0,009	0,029	FALSE
0,059	0,300	0,002	0,007	0,084	FALSE
0,031	0,305	0,001	0,006	0,060	FALSE
-0,008	0,305	0,000	0,007	0,009	FALSE
-0,111	0,307	-0,004	0,011	0,142	FALSE
0,009	0,307	0,001	0,007	0,034	FALSE
-0,015	0,310	0,000	0,012	0,014	FALSE
-0,084	0,304	-0,004	0,012	0,139	FALSE
-0,046	0,305	-0,004	0,013	0,111	FALSE
-0,013	0,299	-0,003	0,013	0,074	FALSE
-0,096	0,322	-0,005	0,013	0,162	FALSE
0,000	0,315	0,001	0,009	0,029	FALSE
-0,089	0,305	-0,004	0,013	0,120	FALSE
0,060	0,287	0,002	0,012	0,044	FALSE
-0,131	0,313	-0,003	0,008	0,162	FALSE
0,051	0,287	0,001	0,012	0,043	FALSE
-0,035	0,313	-0,001	0,010	0,041	FALSE
0,016	0,308	0,000	0,007	0,001	FALSE
0,043	0,306	0,001	0,009	0,037	FALSE
0,047	0,307	0,001	0,007	0,063	FALSE
-0,098	0,307	-0,003	0,009	0,142	FALSE
0,020	0,295	0,000	0,011	0,008	FALSE
-0,052	0,318	-0,002	0,012	0,077	FALSE
-0,021	0,311	-0,001	0,013	0,030	FALSE
-0,026	0,309	-0,001	0,012	0,033	FALSE
-0,063	0,314	-0,003	0,012	0,082	FALSE
-0,058	0,300	-0,002	0,012	0,077	FALSE
-0,140	0,294	-0,005	0,012	0,167	FALSE
-0,025	0,304	-0,001	0,012	0,035	FALSE
-0,020	0,308	-0,001	0,012	0,037	FALSE
0,068	0,310	0,003	0,012	0,095	FALSE
-0,014	0,311	-0,001	0,011	0,024	FALSE

-0,021	0,307	-0,001	0,012	0,040	FALSE
-0,030	0,314	0,000	0,010	0,009	FALSE
-0,129	0,301	-0,007	0,013	0,222	FALSE
0,083	0,304	0,002	0,007	0,135	FALSE
-0,102	0,306	-0,003	0,012	0,109	FALSE
-0,072	0,315	-0,003	0,012	0,082	FALSE
-0,069	0,303	-0,003	0,012	0,083	FALSE
-0,051	0,305	-0,001	0,007	0,056	FALSE
-0,050	0,314	-0,001	0,009	0,057	FALSE
-0,093	0,321	-0,004	0,012	0,113	FALSE
0,114	0,295	0,005	0,011	0,174	FALSE
0,013	0,288	0,001	0,009	0,027	FALSE
0,072	0,295	0,003	0,010	0,112	FALSE
0,068	0,308	0,003	0,009	0,109	FALSE
0,044	0,301	0,002	0,009	0,076	FALSE
-0,062	0,314	-0,001	0,007	0,055	FALSE
0,000	0,317	0,000	0,008	0,008	FALSE
0,104	0,307	0,003	0,008	0,148	FALSE
0,061	0,307	0,003	0,012	0,083	FALSE
0,026	0,305	0,001	0,012	0,041	FALSE
0,040	0,309	0,002	0,009	0,067	FALSE
-0,010	0,300	0,000	0,009	0,018	FALSE
0,089	0,308	0,002	0,007	0,116	FALSE
-0,027	0,313	0,000	0,009	0,019	FALSE
0,028	0,312	0,001	0,011	0,029	FALSE
-0,047	0,326	-0,001	0,009	0,055	FALSE
-0,051	0,299	-0,002	0,008	0,073	FALSE
-0,032	0,303	-0,001	0,012	0,029	FALSE
0,054	0,297	0,001	0,008	0,053	FALSE
0,047	0,307	0,001	0,008	0,045	FALSE
-0,072	0,312	-0,003	0,008	0,122	FALSE
0,023	0,305	0,000	0,008	0,015	FALSE
-0,044	0,311	-0,002	0,011	0,053	FALSE
0,095	0,315	0,003	0,008	0,145	FALSE
-0,055	0,310	-0,003	0,012	0,089	FALSE
-0,003	0,310	0,000	0,009	0,002	FALSE
0,014	0,320	0,000	0,009	0,012	FALSE
0,038	0,312	0,001	0,008	0,023	FALSE
0,021	0,309	0,000	0,008	0,013	FALSE
0,083	0,306	0,003	0,011	0,113	FALSE
0,053	0,308	0,002	0,009	0,074	FALSE
0,039	0,297	0,001	0,009	0,056	FALSE
0,068	0,297	0,002	0,008	0,080	FALSE
0,056	0,306	0,002	0,009	0,076	FALSE
-0,016	0,299	-0,001	0,006	0,035	FALSE
-0,010	0,313	0,000	0,007	0,010	FALSE
0,003	0,293	0,000	0,012	0,006	FALSE
0,068	0,312	0,002	0,013	0,053	FALSE
-0,058	0,295	-0,002	0,013	0,057	FALSE
-0,023	0,312	-0,001	0,010	0,035	FALSE
-0,040	0,303	-0,001	0,009	0,048	FALSE
-0,194	0,277	-0,008	0,012	0,303	FALSE
-0,018	0,317	0,000	0,006	0,003	FALSE

-0,001	0,321	-0,001	0,011	0,017	FALSE
0,085	0,291	0,002	0,006	0,111	FALSE
-0,036	0,302	-0,002	0,012	0,048	FALSE
-0,036	0,315	-0,002	0,011	0,055	FALSE
-0,081	0,316	-0,001	0,007	0,072	FALSE
-0,063	0,317	-0,002	0,007	0,089	FALSE
-0,112	0,307	-0,002	0,007	0,101	FALSE
-0,070	0,301	-0,002	0,009	0,095	FALSE
-0,123	0,307	-0,004	0,009	0,170	FALSE
-0,102	0,311	-0,002	0,006	0,139	FALSE
-0,010	0,296	0,000	0,006	0,008	FALSE
-0,128	0,316	-0,004	0,009	0,161	FALSE
0,060	0,314	0,003	0,012	0,090	FALSE
0,015	0,316	0,002	0,013	0,046	FALSE
-0,035	0,305	0,000	0,007	0,018	FALSE
0,001	0,306	0,001	0,011	0,029	FALSE
0,069	0,309	0,002	0,010	0,067	FALSE
0,061	0,331	0,002	0,011	0,060	FALSE
0,114	0,306	0,003	0,007	0,168	FALSE
-0,027	0,309	-0,001	0,007	0,044	FALSE
-0,022	0,306	-0,001	0,012	0,040	FALSE
-0,081	0,296	-0,002	0,008	0,092	FALSE
0,086	0,303	0,002	0,010	0,083	FALSE
-0,085	0,304	-0,003	0,011	0,101	FALSE
-0,085	0,309	-0,003	0,010	0,127	FALSE
-0,046	0,310	-0,001	0,008	0,055	FALSE
-0,210	0,295	-0,009	0,012	0,357	FALSE
0,006	0,289	0,000	0,008	0,020	FALSE
0,089	0,295	0,003	0,010	0,141	FALSE
0,110	0,319	0,003	0,008	0,159	FALSE
0,104	0,310	0,004	0,011	0,154	FALSE
0,066	0,294	0,002	0,008	0,110	FALSE
0,003	0,307	0,000	0,013	0,002	FALSE
-0,014	0,307	-0,001	0,012	0,017	FALSE
-0,025	0,322	-0,001	0,014	0,030	FALSE
-0,007	0,312	-0,001	0,012	0,017	FALSE
-0,007	0,327	0,000	0,014	0,012	FALSE
-0,009	0,319	0,000	0,013	0,002	FALSE
0,002	0,316	0,000	0,013	0,001	FALSE
-0,011	0,312	0,000	0,012	0,013	FALSE
-0,050	0,320	-0,002	0,013	0,055	FALSE
0,005	0,312	0,000	0,013	0,010	FALSE
-0,013	0,318	-0,001	0,013	0,015	FALSE
-0,056	0,306	-0,002	0,010	0,060	FALSE
-0,029	0,315	-0,002	0,011	0,059	FALSE
-0,130	0,303	-0,004	0,009	0,188	FALSE
0,150	0,315	0,006	0,013	0,175	FALSE
-0,101	0,305	-0,004	0,011	0,129	FALSE
-0,107	0,305	-0,004	0,010	0,148	FALSE
0,175	0,295	0,007	0,012	0,239	FALSE
0,111	0,326	0,003	0,011	0,117	FALSE
-0,114	0,302	-0,004	0,011	0,141	FALSE
0,053	0,319	0,002	0,013	0,050	FALSE

0,115	0,303	0,004	0,011	0,126	FALSE
-0,031	0,302	0,000	0,013	0,003	FALSE
-0,025	0,303	0,000	0,012	0,007	FALSE
0,038	0,303	0,001	0,010	0,046	FALSE
-0,030	0,292	0,000	0,013	0,012	FALSE
-0,036	0,303	-0,001	0,013	0,015	FALSE
-0,035	0,306	-0,001	0,013	0,022	FALSE
0,036	0,301	0,001	0,012	0,033	FALSE
-0,073	0,307	-0,002	0,008	0,103	FALSE
0,040	0,311	0,002	0,008	0,086	FALSE
-0,056	0,327	-0,001	0,009	0,053	FALSE
-0,087	0,299	-0,002	0,011	0,087	FALSE
-0,026	0,296	-0,002	0,011	0,059	FALSE
0,060	0,295	0,002	0,007	0,111	FALSE
0,099	0,303	0,004	0,012	0,133	FALSE
0,084	0,300	0,003	0,011	0,112	FALSE
-0,020	0,312	-0,001	0,009	0,025	FALSE
-0,020	0,307	-0,001	0,009	0,035	FALSE
0,006	0,305	0,000	0,012	0,004	FALSE
0,003	0,294	0,000	0,012	0,007	FALSE
0,031	0,305	0,000	0,006	0,024	FALSE
-0,027	0,313	-0,001	0,007	0,029	FALSE
0,006	0,317	0,000	0,009	0,004	FALSE
-0,159	0,304	-0,005	0,009	0,227	FALSE
0,147	0,307	0,006	0,011	0,219	FALSE
-0,011	0,300	-0,001	0,011	0,037	FALSE
-0,040	0,307	-0,002	0,010	0,059	FALSE
0,014	0,314	0,000	0,011	0,007	FALSE
0,053	0,300	0,003	0,011	0,091	FALSE
0,107	0,292	0,004	0,010	0,174	FALSE
0,090	0,309	0,004	0,011	0,150	FALSE
-0,013	0,311	-0,001	0,012	0,034	FALSE
-0,055	0,321	-0,003	0,012	0,089	FALSE
-0,102	0,314	-0,004	0,011	0,149	FALSE
0,058	0,314	0,003	0,012	0,094	FALSE
0,045	0,302	0,001	0,006	0,032	FALSE
-0,004	0,311	0,000	0,007	0,002	FALSE
-0,018	0,309	-0,001	0,007	0,039	FALSE
0,005	0,313	0,000	0,007	0,010	FALSE
0,051	0,299	0,002	0,012	0,045	FALSE
0,003	0,314	0,001	0,013	0,030	FALSE
0,055	0,309	0,002	0,010	0,056	FALSE
-0,037	0,310	-0,002	0,013	0,058	FALSE
0,030	0,305	0,001	0,007	0,048	FALSE
0,015	0,297	0,000	0,012	0,004	FALSE
-0,025	0,311	-0,001	0,009	0,028	FALSE
0,093	0,313	0,003	0,008	0,121	FALSE
0,197	0,287	0,005	0,008	0,317	FALSE
0,198	0,307	0,006	0,009	0,296	FALSE
0,016	0,309	0,000	0,010	0,009	FALSE
0,051	0,310	0,001	0,009	0,048	FALSE
0,007	0,318	0,000	0,008	0,018	FALSE
0,083	0,310	0,003	0,009	0,121	FALSE

-0,036	0,304	-0,002	0,008	0,075	FALSE
0,108	0,320	0,004	0,013	0,114	FALSE
0,027	0,307	0,002	0,011	0,054	FALSE
-0,004	0,320	-0,001	0,012	0,018	FALSE
0,035	0,327	0,001	0,012	0,029	FALSE
0,023	0,308	0,001	0,012	0,024	FALSE
0,023	0,317	0,000	0,012	0,010	FALSE
0,097	0,320	0,003	0,012	0,103	FALSE
-0,024	0,315	-0,002	0,013	0,042	FALSE
0,026	0,299	0,000	0,012	0,000	FALSE
0,006	0,312	0,000	0,010	0,004	FALSE
-0,116	0,313	-0,004	0,012	0,137	FALSE
-0,030	0,312	-0,001	0,010	0,018	FALSE
0,014	0,306	0,000	0,007	0,003	FALSE
-0,072	0,298	-0,001	0,007	0,067	FALSE
0,009	0,311	0,000	0,012	0,006	FALSE
-0,030	0,317	-0,001	0,009	0,041	FALSE
-0,009	0,312	-0,001	0,012	0,015	FALSE
-0,061	0,300	-0,002	0,009	0,069	FALSE
0,045	0,308	0,001	0,007	0,052	FALSE
-0,010	0,322	0,000	0,010	0,000	FALSE
-0,066	0,287	-0,003	0,010	0,120	FALSE
-0,035	0,308	-0,001	0,008	0,048	FALSE
0,047	0,303	0,000	0,007	0,027	FALSE
-0,060	0,297	-0,003	0,012	0,116	FALSE
-0,024	0,306	-0,001	0,009	0,045	FALSE
-0,035	0,307	-0,001	0,008	0,049	FALSE
-0,020	0,316	0,000	0,008	0,012	FALSE
-0,091	0,299	-0,002	0,007	0,128	FALSE
-0,143	0,290	-0,004	0,008	0,224	FALSE
-0,138	0,304	-0,006	0,012	0,187	FALSE
0,105	0,315	0,004	0,011	0,130	FALSE
-0,115	0,300	-0,002	0,007	0,118	FALSE
-0,097	0,314	-0,002	0,007	0,092	FALSE
-0,004	0,306	0,000	0,009	0,008	FALSE
0,108	0,300	0,004	0,010	0,172	FALSE
-0,025	0,321	-0,001	0,008	0,027	FALSE
0,007	0,325	0,000	0,013	0,007	FALSE
0,019	0,308	0,000	0,010	0,013	FALSE
-0,009	0,308	0,000	0,007	0,000	FALSE
0,104	0,291	0,004	0,012	0,127	FALSE
0,101	0,291	0,004	0,012	0,140	FALSE
-0,167	0,307	-0,005	0,009	0,232	FALSE
-0,094	0,329	-0,002	0,008	0,092	FALSE
-0,002	0,313	0,000	0,008	0,003	FALSE
0,095	0,312	0,002	0,009	0,104	FALSE
-0,128	0,323	-0,003	0,008	0,131	FALSE
-0,168	0,300	-0,005	0,009	0,237	FALSE
-0,069	0,314	-0,002	0,008	0,108	FALSE
-0,041	0,312	0,000	0,008	0,006	FALSE
-0,051	0,313	-0,001	0,007	0,050	FALSE
-0,069	0,315	-0,002	0,008	0,080	FALSE
-0,006	0,322	0,000	0,007	0,005	FALSE

-0,007	0,318	0,000	0,012	0,005	FALSE
-0,098	0,301	-0,002	0,006	0,112	FALSE
0,110	0,310	0,002	0,007	0,130	FALSE
0,047	0,322	0,002	0,009	0,069	FALSE
-0,042	0,314	-0,002	0,012	0,050	FALSE
-0,040	0,316	-0,002	0,012	0,057	FALSE
-0,023	0,317	-0,001	0,012	0,040	FALSE
0,042	0,298	0,001	0,012	0,029	FALSE
-0,004	0,296	0,000	0,007	0,006	FALSE
0,098	0,297	0,003	0,008	0,152	FALSE
-0,056	0,314	-0,001	0,011	0,048	FALSE
-0,004	0,314	0,000	0,010	0,001	FALSE
0,035	0,301	0,001	0,013	0,015	FALSE
0,006	0,314	0,000	0,012	0,014	FALSE
0,031	0,311	0,002	0,010	0,064	FALSE
0,006	0,309	0,000	0,011	0,009	FALSE
-0,103	0,316	-0,004	0,013	0,120	FALSE
0,031	0,297	0,002	0,012	0,046	FALSE
0,038	0,298	0,002	0,012	0,047	FALSE
0,022	0,312	0,000	0,008	0,018	FALSE
0,015	0,313	0,000	0,007	0,007	FALSE
0,063	0,301	0,003	0,012	0,081	FALSE
0,022	0,295	0,000	0,010	0,005	FALSE
0,044	0,312	0,001	0,010	0,039	FALSE
-0,060	0,320	-0,002	0,008	0,106	FALSE
-0,033	0,309	-0,001	0,008	0,048	FALSE
-0,051	0,311	-0,001	0,006	0,056	FALSE
0,063	0,299	0,001	0,010	0,038	FALSE
-0,134	0,293	-0,005	0,012	0,163	FALSE
-0,014	0,313	-0,001	0,010	0,023	FALSE
-0,029	0,306	0,000	0,006	0,014	FALSE
-0,049	0,304	-0,002	0,012	0,069	FALSE
-0,050	0,311	-0,001	0,008	0,061	FALSE
-0,054	0,301	-0,001	0,006	0,057	FALSE
0,108	0,306	0,002	0,007	0,133	FALSE
0,062	0,318	0,002	0,010	0,089	FALSE
0,043	0,305	0,001	0,007	0,035	FALSE
0,126	0,308	0,004	0,009	0,180	FALSE
0,159	0,303	0,006	0,012	0,194	FALSE
-0,138	0,309	-0,004	0,011	0,160	FALSE
-0,098	0,302	-0,002	0,009	0,100	FALSE
0,057	0,312	0,002	0,008	0,103	FALSE
0,150	0,296	0,003	0,007	0,180	FALSE
0,042	0,300	0,001	0,011	0,048	FALSE
-0,030	0,305	-0,001	0,010	0,024	FALSE
0,000	0,307	0,000	0,008	0,007	FALSE
0,050	0,307	0,002	0,013	0,055	FALSE
-0,093	0,313	-0,004	0,013	0,120	FALSE
-0,001	0,305	-0,001	0,010	0,019	FALSE
-0,078	0,299	-0,004	0,012	0,125	FALSE
-0,029	0,293	-0,001	0,013	0,023	FALSE
-0,180	0,313	-0,007	0,012	0,243	FALSE
0,009	0,305	0,001	0,009	0,031	FALSE

-0,222	0,301	-0,007	0,011	0,307	FALSE
0,131	0,305	0,005	0,011	0,175	FALSE
0,133	0,308	0,005	0,011	0,173	FALSE
0,064	0,295	0,001	0,012	0,044	FALSE
0,060	0,302	0,002	0,008	0,129	FALSE
0,058	0,293	0,002	0,008	0,113	FALSE
-0,015	0,302	-0,001	0,010	0,028	FALSE
0,042	0,315	0,001	0,008	0,048	FALSE
-0,036	0,308	-0,002	0,011	0,051	FALSE
-0,015	0,298	0,000	0,006	0,003	FALSE
-0,010	0,287	-0,001	0,007	0,027	FALSE
0,047	0,315	0,002	0,011	0,054	FALSE
0,007	0,294	0,000	0,009	0,019	FALSE
0,046	0,305	0,002	0,012	0,061	FALSE
0,025	0,321	0,001	0,009	0,019	FALSE
-0,032	0,305	-0,001	0,007	0,034	FALSE
-0,073	0,298	-0,003	0,012	0,107	FALSE
-0,024	0,296	0,000	0,008	0,002	FALSE
-0,030	0,299	-0,001	0,008	0,027	FALSE
-0,017	0,301	0,000	0,008	0,014	FALSE
-0,050	0,302	-0,002	0,008	0,074	FALSE
0,089	0,294	0,003	0,010	0,122	FALSE
0,114	0,292	0,004	0,009	0,172	FALSE
-0,021	0,304	-0,001	0,007	0,029	FALSE
0,170	0,288	0,005	0,008	0,263	FALSE
-0,038	0,318	0,000	0,007	0,026	FALSE
0,117	0,307	0,004	0,009	0,170	FALSE
-0,060	0,309	-0,003	0,012	0,091	FALSE
0,011	0,314	0,000	0,009	0,003	FALSE
-0,033	0,308	-0,002	0,011	0,049	FALSE
0,072	0,310	0,002	0,010	0,096	FALSE
0,189	0,289	0,005	0,008	0,282	FALSE
0,007	0,314	0,000	0,007	0,009	FALSE
-0,044	0,303	-0,001	0,007	0,066	FALSE
0,038	0,324	0,001	0,007	0,040	FALSE
-0,050	0,311	-0,002	0,009	0,077	FALSE
-0,003	0,300	0,000	0,007	0,012	FALSE
0,006	0,320	0,000	0,008	0,009	FALSE
0,043	0,303	0,001	0,006	0,059	FALSE
0,178	0,309	0,006	0,009	0,264	FALSE
0,037	0,293	0,002	0,009	0,080	FALSE
-0,056	0,305	-0,001	0,008	0,062	FALSE
0,057	0,309	0,002	0,012	0,051	FALSE
-0,016	0,306	-0,001	0,009	0,055	FALSE
0,024	0,316	0,001	0,009	0,026	FALSE
-0,071	0,308	-0,003	0,012	0,078	FALSE
0,031	0,304	0,001	0,008	0,041	FALSE
0,047	0,319	0,002	0,011	0,057	FALSE
-0,026	0,317	-0,002	0,012	0,053	FALSE
0,014	0,311	0,000	0,007	0,002	FALSE
0,061	0,306	0,001	0,006	0,062	FALSE
-0,002	0,310	-0,001	0,012	0,020	FALSE
0,095	0,317	0,002	0,006	0,132	FALSE

0,087	0,292	0,002	0,007	0,119	FALSE
0,132	0,297	0,004	0,008	0,189	FALSE
-0,002	0,316	0,000	0,009	0,003	FALSE
0,127	0,314	0,003	0,008	0,158	FALSE
-0,162	0,313	-0,004	0,008	0,244	FALSE
0,093	0,291	0,003	0,008	0,131	FALSE
-0,145	0,308	-0,004	0,008	0,206	FALSE
-0,113	0,293	-0,005	0,012	0,163	FALSE
0,018	0,316	0,001	0,010	0,026	FALSE
-0,113	0,293	-0,004	0,012	0,145	FALSE
0,039	0,303	0,002	0,009	0,076	FALSE
-0,062	0,314	-0,001	0,008	0,045	FALSE
-0,049	0,315	-0,002	0,013	0,054	FALSE
-0,050	0,309	-0,002	0,012	0,051	FALSE
0,096	0,311	0,002	0,007	0,108	FALSE
0,007	0,310	0,000	0,010	0,006	FALSE
-0,106	0,300	-0,003	0,011	0,114	FALSE
-0,108	0,296	-0,003	0,007	0,154	FALSE
0,118	0,306	0,003	0,009	0,147	FALSE
0,025	0,319	0,001	0,008	0,042	FALSE
-0,046	0,313	-0,002	0,013	0,065	FALSE
-0,100	0,307	-0,003	0,012	0,092	FALSE
-0,066	0,316	-0,002	0,012	0,064	FALSE
-0,060	0,296	-0,001	0,008	0,050	FALSE
-0,057	0,313	-0,002	0,009	0,071	FALSE
0,105	0,302	0,005	0,012	0,151	FALSE
-0,023	0,304	-0,001	0,010	0,040	FALSE
-0,067	0,321	-0,002	0,011	0,067	FALSE
0,063	0,298	0,001	0,009	0,058	FALSE
-0,052	0,296	-0,001	0,012	0,043	FALSE
0,018	0,301	0,000	0,007	0,009	FALSE
0,068	0,292	0,003	0,008	0,134	FALSE
0,075	0,301	0,001	0,012	0,045	FALSE
0,069	0,301	0,001	0,008	0,024	FALSE
0,070	0,297	0,001	0,007	0,041	FALSE
0,110	0,309	0,002	0,008	0,124	FALSE
-0,223	0,309	-0,009	0,011	0,350	FALSE
-0,007	0,303	0,000	0,006	0,018	FALSE
-0,002	0,311	0,000	0,007	0,008	FALSE
-0,009	0,299	0,000	0,008	0,004	FALSE
0,077	0,289	0,002	0,010	0,086	FALSE
-0,016	0,328	-0,001	0,011	0,018	FALSE
-0,080	0,298	-0,002	0,007	0,122	FALSE
0,003	0,301	0,000	0,007	0,002	FALSE
-0,078	0,300	-0,002	0,007	0,119	FALSE
-0,104	0,305	-0,003	0,007	0,166	FALSE
-0,029	0,311	0,000	0,008	0,019	FALSE
-0,173	0,313	-0,004	0,006	0,233	FALSE
0,066	0,302	0,003	0,009	0,115	FALSE
0,084	0,310	0,002	0,008	0,115	FALSE
-0,055	0,305	-0,002	0,007	0,099	FALSE
-0,017	0,317	0,000	0,007	0,001	FALSE
0,017	0,306	0,000	0,007	0,019	FALSE

0,043	0,300	0,001	0,007	0,043	FALSE
0,002	0,298	0,000	0,009	0,002	FALSE
-0,002	0,315	0,000	0,007	0,019	FALSE
0,005	0,306	0,000	0,012	0,011	FALSE
0,093	0,305	0,002	0,006	0,131	FALSE
0,006	0,296	0,000	0,009	0,009	FALSE
0,065	0,330	0,002	0,012	0,067	FALSE
0,079	0,306	0,003	0,013	0,096	FALSE
-0,014	0,315	-0,001	0,013	0,020	FALSE
-0,026	0,306	-0,001	0,013	0,040	FALSE
0,097	0,302	0,003	0,007	0,162	FALSE
-0,014	0,318	0,000	0,010	0,003	FALSE
-0,044	0,303	-0,001	0,007	0,050	FALSE
-0,129	0,295	-0,004	0,008	0,186	FALSE
-0,125	0,292	-0,003	0,007	0,153	FALSE
0,047	0,309	0,001	0,009	0,049	FALSE
-0,229	0,295	-0,006	0,008	0,350	FALSE
0,160	0,307	0,006	0,011	0,204	FALSE
0,143	0,313	0,003	0,007	0,195	FALSE
-0,021	0,306	-0,001	0,011	0,050	FALSE
0,128	0,300	0,004	0,008	0,191	FALSE
0,156	0,299	0,004	0,007	0,214	FALSE
0,096	0,293	0,003	0,007	0,179	FALSE
0,010	0,305	0,000	0,008	0,006	FALSE
-0,116	0,313	-0,004	0,010	0,189	FALSE
-0,077	0,321	-0,003	0,012	0,109	FALSE
-0,123	0,301	-0,004	0,009	0,149	FALSE
-0,142	0,305	-0,004	0,009	0,157	FALSE
0,057	0,307	0,001	0,008	0,051	FALSE
-0,127	0,300	-0,003	0,009	0,131	FALSE
0,001	0,306	0,000	0,009	0,001	FALSE
-0,014	0,317	-0,001	0,011	0,037	FALSE
0,127	0,297	0,004	0,008	0,208	FALSE
0,085	0,303	0,002	0,008	0,122	FALSE
0,112	0,305	0,003	0,008	0,153	FALSE
0,111	0,301	0,004	0,009	0,173	FALSE
-0,046	0,304	-0,001	0,008	0,052	FALSE
-0,111	0,311	-0,004	0,012	0,124	FALSE
-0,066	0,327	-0,003	0,013	0,096	FALSE
0,136	0,314	0,005	0,012	0,188	FALSE
0,149	0,310	0,006	0,012	0,211	FALSE
0,035	0,315	0,001	0,013	0,038	FALSE
-0,014	0,306	-0,001	0,013	0,034	FALSE
-0,011	0,310	0,000	0,007	0,005	FALSE
-0,016	0,298	0,000	0,010	0,000	FALSE
-0,006	0,302	0,000	0,012	0,007	FALSE
0,021	0,311	0,001	0,012	0,028	FALSE
-0,004	0,315	0,000	0,013	0,000	FALSE
-0,012	0,321	0,000	0,013	0,014	FALSE
-0,078	0,297	-0,003	0,010	0,101	FALSE
-0,099	0,312	-0,002	0,007	0,128	FALSE
0,009	0,300	0,000	0,007	0,011	FALSE
-0,113	0,298	-0,004	0,012	0,148	FALSE

0,032	0,302	0,001	0,013	0,037	FALSE
-0,122	0,310	-0,004	0,010	0,174	FALSE
0,001	0,317	0,000	0,013	0,008	FALSE
-0,012	0,308	-0,001	0,010	0,020	FALSE
-0,001	0,302	0,001	0,010	0,025	FALSE
-0,004	0,315	0,000	0,012	0,005	FALSE
0,049	0,301	0,001	0,008	0,059	FALSE
-0,213	0,299	-0,004	0,006	0,307	FALSE
-0,143	0,311	-0,003	0,007	0,181	FALSE
-0,187	0,298	-0,008	0,013	0,285	FALSE
-0,080	0,310	-0,002	0,007	0,113	FALSE
0,051	0,309	0,001	0,009	0,050	FALSE
-0,066	0,302	-0,002	0,010	0,082	FALSE
0,007	0,304	0,000	0,011	0,007	FALSE
-0,101	0,307	-0,003	0,008	0,133	FALSE
0,020	0,319	0,001	0,013	0,028	FALSE
0,003	0,325	0,000	0,012	0,001	FALSE
0,097	0,315	0,003	0,008	0,133	FALSE
0,121	0,296	0,002	0,007	0,140	FALSE
-0,030	0,318	-0,001	0,009	0,041	FALSE
-0,100	0,303	-0,005	0,013	0,158	FALSE
-0,089	0,318	-0,003	0,012	0,107	FALSE
-0,003	0,308	0,000	0,009	0,007	FALSE
-0,002	0,309	0,000	0,009	0,001	FALSE
0,100	0,307	0,005	0,013	0,159	FALSE
0,124	0,303	0,006	0,013	0,187	FALSE
-0,055	0,314	-0,002	0,013	0,068	FALSE
-0,046	0,324	-0,002	0,013	0,058	FALSE
-0,042	0,299	-0,002	0,012	0,054	FALSE
0,012	0,308	0,001	0,010	0,028	FALSE
0,013	0,299	0,001	0,008	0,024	FALSE
-0,058	0,318	-0,002	0,009	0,089	FALSE
0,142	0,296	0,007	0,011	0,261	FALSE
-0,023	0,313	-0,001	0,009	0,042	FALSE
-0,001	0,316	-0,001	0,013	0,017	FALSE
0,085	0,313	0,003	0,012	0,089	FALSE
0,110	0,292	0,004	0,011	0,122	FALSE
0,079	0,303	0,001	0,006	0,089	FALSE
0,081	0,325	0,002	0,009	0,108	FALSE
0,005	0,307	-0,001	0,010	0,031	FALSE
0,085	0,308	0,002	0,008	0,109	FALSE
0,053	0,325	0,002	0,013	0,062	FALSE
0,072	0,313	0,002	0,013	0,052	FALSE
0,035	0,304	0,001	0,006	0,064	FALSE
-0,032	0,315	-0,002	0,011	0,062	FALSE
-0,012	0,307	-0,001	0,010	0,032	FALSE
0,029	0,298	0,002	0,007	0,082	FALSE
0,025	0,291	0,002	0,007	0,085	FALSE
-0,029	0,310	-0,002	0,013	0,044	FALSE
-0,012	0,310	0,000	0,010	0,005	FALSE
-0,048	0,300	-0,002	0,012	0,076	FALSE
0,078	0,304	0,002	0,012	0,075	FALSE
-0,073	0,309	-0,002	0,008	0,102	FALSE

0,118	0,313	0,003	0,008	0,144	FALSE
0,021	0,321	0,000	0,006	0,027	FALSE
-0,117	0,294	-0,003	0,010	0,134	FALSE
0,069	0,314	0,002	0,012	0,075	FALSE
0,002	0,316	0,001	0,008	0,035	FALSE
-0,091	0,311	-0,004	0,012	0,127	FALSE
-0,055	0,312	-0,002	0,010	0,078	FALSE
-0,064	0,314	-0,002	0,012	0,049	FALSE
0,062	0,308	0,002	0,011	0,079	FALSE
-0,029	0,322	-0,001	0,008	0,043	FALSE
-0,021	0,301	-0,001	0,012	0,041	FALSE
-0,164	0,290	-0,007	0,013	0,234	FALSE
0,035	0,323	0,001	0,010	0,026	FALSE
-0,139	0,301	-0,003	0,007	0,198	FALSE
0,095	0,316	0,002	0,007	0,125	FALSE
-0,102	0,300	-0,002	0,008	0,098	FALSE
-0,098	0,299	-0,002	0,008	0,100	FALSE
0,115	0,317	0,004	0,010	0,138	FALSE
0,219	0,291	0,009	0,012	0,337	FALSE
0,019	0,305	0,000	0,008	0,004	FALSE
-0,011	0,314	0,000	0,007	0,016	FALSE
-0,004	0,312	0,000	0,008	0,023	FALSE
-0,033	0,315	0,000	0,007	0,007	FALSE
0,000	0,311	-0,001	0,013	0,022	FALSE
-0,029	0,319	-0,001	0,007	0,052	FALSE
0,045	0,307	0,001	0,006	0,055	FALSE
-0,034	0,305	-0,002	0,008	0,069	FALSE
0,062	0,295	0,003	0,010	0,131	FALSE
-0,079	0,317	-0,002	0,009	0,078	FALSE
-0,050	0,308	-0,001	0,008	0,057	FALSE
-0,070	0,321	-0,003	0,011	0,117	FALSE
0,014	0,318	0,000	0,010	0,003	FALSE
-0,030	0,299	-0,001	0,007	0,041	FALSE
0,057	0,303	0,003	0,011	0,087	FALSE
-0,034	0,306	-0,001	0,007	0,039	FALSE
0,027	0,310	0,000	0,010	0,003	FALSE
-0,097	0,317	-0,003	0,010	0,130	FALSE
0,025	0,324	0,001	0,011	0,018	FALSE
0,001	0,312	0,000	0,011	0,003	FALSE
0,083	0,301	0,003	0,011	0,121	FALSE
0,081	0,302	0,003	0,009	0,133	FALSE
0,009	0,311	0,000	0,013	0,009	FALSE
0,038	0,322	0,001	0,011	0,032	FALSE
0,167	0,308	0,004	0,007	0,209	FALSE
0,026	0,312	0,000	0,008	0,021	FALSE
-0,089	0,321	-0,003	0,011	0,111	FALSE
0,038	0,298	0,001	0,011	0,033	FALSE
-0,034	0,304	-0,002	0,012	0,046	FALSE
0,001	0,300	0,001	0,013	0,023	FALSE
-0,044	0,302	-0,002	0,012	0,058	FALSE
0,059	0,309	0,002	0,012	0,065	FALSE
-0,089	0,300	-0,002	0,007	0,107	FALSE
-0,113	0,307	-0,003	0,007	0,144	FALSE

-0,089	0,301	-0,002	0,007	0,086	FALSE
-0,011	0,315	0,000	0,010	0,009	FALSE
-0,062	0,311	-0,002	0,013	0,059	FALSE
0,086	0,309	0,004	0,013	0,108	FALSE
-0,004	0,301	-0,001	0,011	0,039	FALSE
0,024	0,308	0,001	0,009	0,029	FALSE
0,033	0,310	0,002	0,010	0,059	FALSE
0,078	0,292	0,003	0,011	0,092	FALSE
-0,104	0,309	-0,006	0,013	0,181	FALSE
0,064	0,295	0,002	0,012	0,052	FALSE
0,045	0,310	0,001	0,009	0,035	FALSE
-0,064	0,291	-0,003	0,012	0,111	FALSE
-0,053	0,298	-0,003	0,012	0,086	FALSE
-0,068	0,309	-0,001	0,006	0,074	FALSE
-0,046	0,307	-0,001	0,008	0,069	FALSE
-0,011	0,303	0,000	0,010	0,000	FALSE
-0,016	0,314	0,000	0,010	0,016	FALSE
0,043	0,296	0,001	0,007	0,066	FALSE
-0,030	0,295	-0,001	0,010	0,027	FALSE
0,012	0,308	0,000	0,007	0,009	FALSE
0,024	0,317	0,001	0,007	0,029	FALSE
0,037	0,308	0,001	0,007	0,032	FALSE
0,039	0,308	0,001	0,010	0,032	FALSE
0,055	0,305	0,002	0,010	0,061	FALSE
-0,084	0,312	-0,002	0,010	0,089	FALSE
0,006	0,305	0,000	0,011	0,003	FALSE
0,005	0,302	0,000	0,011	0,010	FALSE
-0,065	0,310	-0,003	0,013	0,092	FALSE
-0,053	0,310	-0,002	0,009	0,069	FALSE
-0,101	0,305	-0,004	0,013	0,134	FALSE
-0,039	0,311	-0,001	0,013	0,026	FALSE
-0,048	0,315	-0,001	0,013	0,037	FALSE
0,018	0,311	0,000	0,012	0,011	FALSE
-0,003	0,327	0,000	0,011	0,002	FALSE
0,020	0,312	0,001	0,010	0,022	FALSE
-0,030	0,310	-0,002	0,012	0,066	FALSE
0,089	0,319	0,003	0,011	0,105	FALSE
-0,012	0,308	-0,001	0,011	0,030	FALSE
-0,046	0,310	-0,002	0,011	0,062	FALSE
-0,071	0,316	-0,002	0,011	0,081	FALSE
0,008	0,314	0,000	0,008	0,006	FALSE
-0,014	0,313	-0,001	0,008	0,034	FALSE
0,010	0,304	0,000	0,009	0,004	FALSE
0,002	0,310	0,000	0,007	0,002	FALSE
0,028	0,324	0,002	0,011	0,051	FALSE
0,049	0,306	0,001	0,007	0,070	FALSE
0,119	0,312	0,005	0,012	0,168	FALSE
-0,039	0,309	-0,001	0,009	0,026	FALSE
0,035	0,311	0,001	0,008	0,025	FALSE
-0,079	0,302	-0,002	0,007	0,107	FALSE
-0,014	0,303	-0,001	0,012	0,036	FALSE
0,118	0,308	0,004	0,013	0,130	FALSE
0,001	0,315	0,000	0,010	0,011	FALSE

0,089	0,302	0,002	0,010	0,081	FALSE
0,006	0,295	0,001	0,013	0,038	FALSE
0,033	0,308	0,001	0,007	0,042	FALSE
-0,020	0,291	-0,001	0,010	0,050	FALSE
-0,069	0,307	-0,002	0,007	0,078	FALSE
-0,069	0,303	-0,002	0,008	0,113	FALSE
0,099	0,296	0,003	0,009	0,133	FALSE
-0,097	0,303	-0,002	0,007	0,120	FALSE
0,028	0,290	0,002	0,009	0,077	FALSE
0,027	0,293	0,002	0,010	0,075	FALSE
-0,023	0,304	0,000	0,007	0,016	FALSE
0,168	0,301	0,004	0,008	0,224	FALSE
0,022	0,307	0,002	0,012	0,047	FALSE
-0,075	0,301	-0,002	0,008	0,088	FALSE
-0,005	0,295	0,000	0,007	0,002	FALSE
-0,107	0,299	-0,004	0,008	0,171	FALSE
0,129	0,308	0,004	0,008	0,205	FALSE
0,054	0,319	0,002	0,012	0,054	FALSE
-0,009	0,311	0,001	0,007	0,034	FALSE
0,108	0,288	0,003	0,011	0,116	FALSE
0,103	0,312	0,003	0,013	0,099	FALSE
-0,077	0,300	-0,003	0,012	0,114	FALSE
0,004	0,292	0,000	0,006	0,007	FALSE
-0,045	0,311	-0,001	0,010	0,049	FALSE
-0,071	0,312	-0,002	0,009	0,079	FALSE
-0,024	0,319	-0,001	0,008	0,029	FALSE
-0,049	0,312	-0,001	0,008	0,063	FALSE
0,003	0,298	0,001	0,012	0,019	FALSE
0,018	0,320	0,001	0,013	0,028	FALSE
-0,093	0,311	-0,005	0,012	0,152	FALSE
-0,013	0,316	0,000	0,009	0,015	FALSE
-0,006	0,304	0,000	0,008	0,006	FALSE
-0,140	0,311	-0,006	0,013	0,173	FALSE
-0,151	0,305	-0,006	0,012	0,202	FALSE
0,028	0,315	0,001	0,008	0,039	FALSE
0,058	0,304	0,002	0,006	0,108	FALSE
-0,077	0,292	-0,005	0,013	0,141	FALSE
0,014	0,306	0,000	0,007	0,011	FALSE
-0,106	0,314	-0,002	0,009	0,099	FALSE
-0,099	0,298	-0,002	0,007	0,139	FALSE
0,041	0,306	0,001	0,009	0,033	FALSE
-0,047	0,316	-0,001	0,008	0,035	FALSE
0,107	0,312	0,002	0,007	0,123	FALSE
0,131	0,312	0,005	0,013	0,140	FALSE
0,077	0,314	0,002	0,007	0,111	FALSE
0,063	0,301	0,002	0,012	0,070	FALSE
0,143	0,308	0,005	0,010	0,201	FALSE
-0,116	0,310	-0,002	0,007	0,130	FALSE
-0,163	0,298	-0,004	0,007	0,236	FALSE
-0,024	0,306	-0,001	0,008	0,030	FALSE
0,092	0,303	0,002	0,007	0,096	FALSE
0,025	0,302	0,000	0,010	0,002	FALSE
0,092	0,305	0,003	0,008	0,123	FALSE

0,023	0,311	0,000	0,007	0,005	FALSE
-0,112	0,302	-0,003	0,007	0,137	FALSE
0,063	0,307	0,002	0,012	0,059	FALSE
0,037	0,320	0,001	0,007	0,063	FALSE
-0,024	0,327	-0,001	0,011	0,025	FALSE
-0,022	0,306	0,000	0,010	0,016	FALSE
0,007	0,312	0,000	0,008	0,011	FALSE
0,031	0,297	0,001	0,007	0,037	FALSE
0,012	0,316	0,001	0,008	0,024	FALSE
-0,062	0,302	-0,002	0,007	0,080	FALSE
-0,051	0,304	-0,001	0,008	0,058	FALSE
-0,055	0,305	-0,002	0,011	0,070	FALSE
-0,135	0,307	-0,006	0,013	0,206	FALSE
-0,043	0,300	-0,001	0,008	0,046	FALSE
0,017	0,284	0,000	0,008	0,015	FALSE
-0,071	0,300	-0,002	0,007	0,094	FALSE
-0,005	0,313	0,000	0,007	0,005	FALSE
-0,037	0,298	0,000	0,006	0,015	FALSE
-0,021	0,301	0,000	0,006	0,009	FALSE
-0,007	0,313	0,000	0,007	0,015	FALSE
-0,018	0,309	0,000	0,007	0,019	FALSE
-0,001	0,302	0,000	0,007	0,001	FALSE
-0,035	0,308	0,000	0,006	0,017	FALSE
-0,047	0,305	-0,001	0,008	0,060	FALSE
-0,066	0,311	-0,003	0,011	0,095	FALSE
-0,072	0,314	-0,003	0,010	0,114	FALSE
0,055	0,311	0,002	0,013	0,063	FALSE
0,039	0,299	0,001	0,007	0,084	FALSE
0,048	0,302	0,001	0,006	0,080	FALSE
0,031	0,303	0,001	0,007	0,071	FALSE
-0,067	0,298	-0,002	0,011	0,058	FALSE
0,013	0,305	0,001	0,011	0,035	FALSE
-0,118	0,300	-0,006	0,013	0,201	FALSE
-0,052	0,311	-0,001	0,007	0,026	FALSE
-0,126	0,307	-0,006	0,013	0,202	FALSE
0,029	0,311	0,001	0,011	0,037	FALSE
0,101	0,299	0,004	0,010	0,144	FALSE
0,099	0,315	0,004	0,012	0,130	FALSE
0,032	0,308	0,002	0,012	0,048	FALSE
-0,040	0,310	-0,001	0,006	0,058	FALSE
-0,019	0,308	-0,001	0,007	0,029	FALSE
-0,047	0,319	-0,002	0,012	0,047	FALSE
0,040	0,306	0,001	0,009	0,046	FALSE
0,007	0,313	0,000	0,009	0,008	FALSE
0,160	0,300	0,004	0,007	0,261	FALSE
-0,065	0,306	-0,003	0,013	0,079	FALSE
-0,005	0,302	0,001	0,007	0,034	FALSE
0,131	0,315	0,005	0,011	0,184	FALSE
0,026	0,320	0,000	0,012	0,003	FALSE
0,022	0,316	0,000	0,007	0,007	FALSE
-0,038	0,309	-0,001	0,011	0,047	FALSE
-0,042	0,304	-0,001	0,009	0,049	FALSE
-0,014	0,307	0,000	0,008	0,003	FALSE

-0,023	0,318	-0,001	0,007	0,044	FALSE
-0,102	0,297	-0,003	0,008	0,125	FALSE
-0,069	0,285	-0,002	0,009	0,065	FALSE
0,101	0,306	0,004	0,011	0,132	FALSE
-0,144	0,301	-0,004	0,008	0,198	FALSE
0,054	0,296	0,002	0,009	0,078	FALSE
0,042	0,315	0,002	0,013	0,043	FALSE
0,001	0,304	0,000	0,012	0,005	FALSE
0,100	0,291	0,003	0,007	0,183	FALSE
-0,131	0,308	-0,006	0,013	0,196	FALSE
-0,197	0,298	-0,008	0,011	0,299	FALSE
0,060	0,302	0,001	0,007	0,074	FALSE
0,015	0,306	0,001	0,009	0,049	FALSE
0,065	0,310	0,004	0,012	0,114	FALSE
-0,018	0,311	-0,002	0,011	0,069	FALSE
-0,029	0,302	-0,001	0,012	0,039	FALSE
-0,124	0,308	-0,005	0,011	0,167	FALSE
-0,058	0,318	-0,003	0,012	0,096	FALSE
-0,023	0,318	-0,002	0,012	0,063	FALSE
0,029	0,302	0,002	0,012	0,067	FALSE
0,058	0,315	0,002	0,008	0,081	FALSE
-0,037	0,308	-0,001	0,013	0,029	FALSE
-0,090	0,306	-0,002	0,007	0,124	FALSE
-0,050	0,309	-0,001	0,007	0,074	FALSE
-0,082	0,302	-0,002	0,008	0,116	FALSE
-0,037	0,296	-0,001	0,008	0,026	FALSE
0,087	0,309	0,002	0,013	0,064	FALSE
0,020	0,315	0,001	0,008	0,057	FALSE
0,030	0,304	0,000	0,013	0,007	FALSE
0,021	0,315	0,000	0,013	0,010	FALSE
0,016	0,310	0,001	0,009	0,032	FALSE
0,097	0,301	0,002	0,006	0,103	FALSE
-0,030	0,303	-0,002	0,010	0,060	FALSE
0,074	0,314	0,002	0,008	0,111	FALSE
-0,037	0,317	-0,001	0,012	0,024	FALSE
-0,032	0,302	-0,001	0,009	0,057	FALSE
-0,060	0,311	-0,001	0,012	0,043	FALSE
0,071	0,296	0,001	0,006	0,081	FALSE
0,044	0,306	0,001	0,013	0,032	FALSE
-0,098	0,310	-0,002	0,007	0,131	FALSE
0,005	0,311	0,000	0,010	0,005	FALSE
0,094	0,304	0,003	0,010	0,124	FALSE
0,009	0,307	0,000	0,007	0,009	FALSE
0,008	0,313	0,000	0,008	0,010	FALSE
-0,064	0,294	-0,002	0,008	0,090	FALSE
-0,138	0,304	-0,005	0,011	0,171	FALSE
-0,064	0,305	-0,002	0,006	0,093	FALSE
0,087	0,298	0,002	0,006	0,107	FALSE
0,155	0,320	0,006	0,012	0,227	FALSE
-0,062	0,304	-0,001	0,007	0,055	FALSE
-0,061	0,312	-0,003	0,013	0,080	FALSE
-0,053	0,316	-0,003	0,013	0,077	FALSE
-0,044	0,311	-0,002	0,012	0,044	FALSE

-0,109	0,304	-0,002	0,007	0,132	FALSE
0,023	0,307	0,000	0,007	0,006	FALSE
-0,052	0,312	-0,002	0,011	0,070	FALSE
0,031	0,292	0,001	0,012	0,044	FALSE
0,040	0,306	0,001	0,012	0,043	FALSE
0,034	0,327	0,001	0,013	0,035	FALSE
0,029	0,317	0,000	0,012	0,006	FALSE
0,079	0,304	0,001	0,006	0,075	FALSE
0,008	0,315	0,001	0,007	0,044	FALSE
-0,043	0,309	-0,002	0,010	0,070	FALSE
-0,135	0,300	-0,003	0,008	0,165	FALSE
-0,127	0,309	-0,004	0,010	0,172	FALSE
0,139	0,296	0,003	0,007	0,187	FALSE
-0,060	0,316	-0,001	0,010	0,035	FALSE
-0,037	0,297	-0,002	0,013	0,054	FALSE
-0,049	0,303	-0,001	0,008	0,043	FALSE
-0,026	0,298	0,000	0,011	0,015	FALSE
0,074	0,292	0,002	0,012	0,071	FALSE
0,084	0,312	0,003	0,013	0,087	FALSE
0,043	0,323	0,001	0,007	0,027	FALSE
0,031	0,303	0,000	0,006	0,002	FALSE
-0,011	0,292	0,001	0,011	0,018	FALSE
-0,021	0,332	-0,001	0,014	0,038	FALSE
0,029	0,307	0,001	0,008	0,056	FALSE
-0,119	0,316	-0,005	0,013	0,136	FALSE
-0,013	0,309	0,000	0,007	0,002	FALSE
-0,035	0,308	-0,002	0,013	0,065	FALSE
0,036	0,299	0,001	0,012	0,021	FALSE
0,112	0,303	0,004	0,009	0,189	FALSE
-0,034	0,309	-0,001	0,012	0,020	FALSE
0,068	0,295	0,002	0,010	0,075	FALSE
-0,070	0,323	-0,002	0,009	0,087	FALSE
-0,062	0,325	-0,002	0,013	0,062	FALSE
-0,050	0,322	-0,001	0,008	0,049	FALSE
0,125	0,301	0,004	0,010	0,174	FALSE
0,123	0,313	0,003	0,008	0,150	FALSE
-0,061	0,289	-0,003	0,012	0,103	FALSE
0,026	0,313	0,000	0,009	0,005	FALSE
0,062	0,318	0,002	0,013	0,071	FALSE
-0,053	0,321	-0,002	0,010	0,072	FALSE
0,027	0,320	0,002	0,013	0,044	FALSE
0,117	0,313	0,003	0,008	0,191	FALSE
-0,090	0,304	-0,002	0,007	0,129	FALSE
-0,058	0,322	-0,001	0,007	0,080	FALSE
-0,025	0,304	-0,001	0,007	0,062	FALSE
-0,032	0,316	-0,002	0,008	0,076	FALSE
-0,032	0,308	-0,002	0,007	0,083	FALSE
-0,043	0,306	-0,002	0,007	0,087	FALSE
-0,021	0,303	-0,001	0,007	0,032	FALSE
0,039	0,298	0,001	0,010	0,024	FALSE
0,083	0,291	0,002	0,006	0,147	FALSE
-0,050	0,319	-0,002	0,009	0,075	FALSE
-0,101	0,309	-0,002	0,006	0,127	FALSE

-0,054	0,309	-0,002	0,011	0,067	FALSE
-0,087	0,321	-0,002	0,011	0,084	FALSE
-0,054	0,301	-0,002	0,010	0,078	FALSE
0,015	0,302	0,000	0,012	0,008	FALSE
-0,028	0,296	-0,001	0,012	0,017	FALSE
-0,022	0,291	0,000	0,013	0,003	FALSE
0,004	0,301	0,000	0,007	0,001	FALSE
-0,069	0,310	-0,002	0,012	0,063	FALSE
-0,012	0,306	0,000	0,007	0,014	FALSE
0,017	0,306	0,001	0,012	0,026	FALSE
0,040	0,310	0,000	0,007	0,021	FALSE
0,007	0,296	0,001	0,011	0,048	FALSE
0,020	0,298	0,000	0,013	0,010	FALSE
0,069	0,312	0,003	0,012	0,096	FALSE
0,007	0,307	0,000	0,009	0,017	FALSE
0,051	0,307	0,002	0,012	0,055	FALSE
0,026	0,298	0,001	0,006	0,041	FALSE
-0,076	0,300	-0,002	0,007	0,106	FALSE
-0,049	0,311	-0,003	0,011	0,094	FALSE
0,071	0,296	0,002	0,013	0,073	FALSE
0,037	0,313	0,001	0,012	0,030	FALSE
0,017	0,306	0,001	0,013	0,042	FALSE
-0,031	0,303	-0,001	0,012	0,043	FALSE
-0,100	0,303	-0,002	0,006	0,128	FALSE
-0,096	0,326	-0,002	0,008	0,122	FALSE
0,025	0,302	0,001	0,007	0,067	FALSE
-0,037	0,308	-0,001	0,006	0,048	FALSE
0,008	0,300	-0,001	0,012	0,020	FALSE
0,033	0,298	0,000	0,009	0,014	FALSE
0,025	0,310	0,001	0,007	0,065	FALSE
0,000	0,310	-0,001	0,009	0,029	FALSE
-0,115	0,314	-0,003	0,010	0,135	FALSE
-0,010	0,309	0,000	0,012	0,001	FALSE
0,010	0,313	0,000	0,012	0,010	FALSE
-0,147	0,296	-0,005	0,010	0,195	FALSE
0,103	0,315	0,003	0,009	0,112	FALSE
0,113	0,314	0,003	0,008	0,129	FALSE
0,071	0,309	0,001	0,008	0,066	FALSE
0,111	0,305	0,003	0,009	0,143	FALSE
-0,075	0,311	-0,003	0,011	0,085	FALSE
-0,122	0,315	-0,004	0,011	0,124	FALSE
0,050	0,321	0,002	0,012	0,056	FALSE
-0,018	0,323	-0,001	0,007	0,032	FALSE
0,127	0,292	0,004	0,011	0,123	FALSE
0,065	0,312	0,001	0,010	0,043	FALSE
0,009	0,308	0,001	0,012	0,015	FALSE
-0,012	0,296	0,000	0,009	0,020	FALSE
0,043	0,311	0,002	0,008	0,072	FALSE
0,059	0,319	0,002	0,013	0,069	FALSE
0,036	0,322	0,001	0,013	0,032	FALSE
0,038	0,316	0,002	0,012	0,049	FALSE
-0,017	0,307	-0,001	0,010	0,037	FALSE
0,012	0,316	0,000	0,007	0,002	FALSE

-0,003	0,296	0,000	0,009	0,019	FALSE
0,051	0,307	0,001	0,007	0,063	FALSE
0,077	0,309	0,002	0,007	0,098	FALSE
-0,007	0,305	0,000	0,006	0,016	FALSE
0,045	0,306	0,001	0,007	0,051	FALSE
0,031	0,298	0,001	0,006	0,039	FALSE
-0,027	0,293	-0,001	0,011	0,021	FALSE
-0,106	0,307	-0,003	0,008	0,144	FALSE
0,138	0,309	0,006	0,011	0,217	FALSE
0,118	0,294	0,002	0,006	0,129	FALSE
0,035	0,303	0,001	0,010	0,040	FALSE
0,024	0,310	0,001	0,009	0,048	FALSE
-0,081	0,321	-0,003	0,012	0,097	FALSE
0,015	0,297	0,000	0,012	0,011	FALSE
0,025	0,305	0,000	0,007	0,022	FALSE
-0,080	0,299	-0,003	0,010	0,105	FALSE
-0,021	0,318	-0,001	0,011	0,044	FALSE
-0,088	0,296	-0,003	0,010	0,111	FALSE
-0,065	0,298	-0,001	0,009	0,058	FALSE
0,028	0,310	0,001	0,012	0,026	FALSE
-0,064	0,307	-0,002	0,008	0,090	FALSE
-0,057	0,293	-0,002	0,011	0,055	FALSE
-0,013	0,303	-0,001	0,011	0,034	FALSE
-0,035	0,300	-0,001	0,008	0,060	FALSE
-0,008	0,310	0,000	0,008	0,005	FALSE
-0,082	0,298	-0,002	0,008	0,104	FALSE
0,052	0,298	0,001	0,008	0,051	FALSE
-0,137	0,285	-0,004	0,009	0,200	FALSE
-0,026	0,319	-0,001	0,013	0,030	FALSE
0,000	0,317	0,000	0,013	0,000	FALSE
0,034	0,310	0,002	0,011	0,063	FALSE
0,038	0,293	0,000	0,006	0,027	FALSE
0,046	0,315	0,001	0,010	0,048	FALSE
0,023	0,300	0,000	0,011	0,009	FALSE
0,033	0,329	0,001	0,010	0,038	FALSE
0,042	0,301	0,001	0,011	0,024	TRUE
0,027	0,315	0,001	0,011	0,017	FALSE
-0,002	0,320	0,000	0,009	0,010	FALSE
0,048	0,307	0,002	0,008	0,067	FALSE
-0,127	0,303	-0,005	0,013	0,153	FALSE
-0,042	0,313	-0,001	0,013	0,037	FALSE
0,060	0,299	0,002	0,012	0,061	FALSE
0,001	0,314	0,000	0,007	0,017	FALSE
0,044	0,287	0,000	0,009	0,007	FALSE
0,089	0,307	0,002	0,006	0,102	FALSE
0,097	0,303	0,002	0,006	0,103	FALSE
0,055	0,317	0,002	0,008	0,083	FALSE
0,035	0,303	0,001	0,007	0,040	FALSE
-0,025	0,304	-0,001	0,011	0,017	FALSE
0,046	0,311	0,002	0,012	0,049	FALSE
0,018	0,306	0,000	0,009	0,014	FALSE
0,056	0,298	0,002	0,013	0,045	FALSE
-0,044	0,303	-0,001	0,009	0,041	FALSE

0,009	0,314	0,001	0,008	0,029	FALSE
0,042	0,314	0,002	0,010	0,067	FALSE
0,020	0,297	0,001	0,013	0,015	FALSE
-0,080	0,307	-0,001	0,007	0,075	FALSE
0,032	0,301	0,002	0,010	0,071	FALSE
0,034	0,308	0,001	0,007	0,071	FALSE
-0,068	0,306	-0,002	0,008	0,071	FALSE
0,241	0,305	0,010	0,013	0,366	FALSE
-0,048	0,301	-0,001	0,007	0,046	FALSE
-0,028	0,301	-0,001	0,009	0,031	FALSE
0,073	0,310	0,003	0,012	0,103	FALSE
0,062	0,297	0,002	0,011	0,070	FALSE
-0,070	0,325	-0,003	0,013	0,086	FALSE
0,035	0,310	0,001	0,009	0,029	FALSE
-0,151	0,302	-0,004	0,007	0,210	FALSE
-0,136	0,303	-0,004	0,009	0,172	FALSE
-0,032	0,307	-0,001	0,013	0,040	FALSE
0,048	0,305	0,003	0,013	0,091	FALSE
0,103	0,304	0,002	0,007	0,121	FALSE
0,000	0,303	0,000	0,011	0,007	FALSE
0,010	0,308	0,000	0,010	0,001	FALSE
-0,093	0,315	-0,003	0,011	0,114	FALSE
0,001	0,297	0,000	0,010	0,007	FALSE
0,019	0,296	0,000	0,007	0,007	FALSE
0,005	0,315	0,000	0,013	0,001	FALSE
0,003	0,305	0,000	0,010	0,005	FALSE
0,017	0,308	0,001	0,009	0,041	FALSE
0,038	0,301	0,002	0,008	0,080	FALSE
-0,025	0,301	0,000	0,012	0,004	FALSE
0,002	0,313	0,001	0,010	0,020	FALSE
0,052	0,308	0,002	0,007	0,115	FALSE
-0,066	0,314	-0,002	0,007	0,089	FALSE
-0,152	0,293	-0,006	0,013	0,207	FALSE
-0,059	0,311	-0,002	0,010	0,071	FALSE
-0,028	0,318	0,000	0,013	0,010	FALSE
-0,030	0,314	0,000	0,008	0,005	FALSE
0,000	0,313	0,001	0,012	0,030	FALSE
0,111	0,304	0,003	0,009	0,127	FALSE
-0,094	0,311	-0,002	0,007	0,115	FALSE
-0,115	0,302	-0,002	0,007	0,146	FALSE
-0,145	0,322	-0,003	0,008	0,165	FALSE
-0,095	0,310	-0,004	0,013	0,124	FALSE
0,101	0,322	0,003	0,008	0,149	FALSE
0,050	0,302	0,002	0,012	0,068	FALSE
-0,084	0,306	-0,002	0,006	0,130	FALSE
0,047	0,300	0,002	0,011	0,082	FALSE
-0,130	0,327	-0,003	0,007	0,157	FALSE
0,049	0,301	0,003	0,009	0,115	FALSE
0,047	0,315	0,001	0,009	0,057	FALSE
0,066	0,303	0,002	0,011	0,073	FALSE
0,028	0,304	0,000	0,006	0,027	FALSE
-0,197	0,284	-0,008	0,011	0,302	FALSE
-0,230	0,301	-0,010	0,012	0,365	FALSE

-0,042	0,299	-0,001	0,007	0,034	FALSE
0,025	0,301	0,001	0,006	0,062	FALSE
-0,010	0,317	-0,001	0,011	0,019	FALSE
-0,019	0,314	-0,001	0,008	0,036	FALSE
-0,030	0,307	-0,002	0,012	0,050	FALSE
0,030	0,305	0,001	0,008	0,052	FALSE
0,016	0,318	0,000	0,007	0,018	FALSE
0,073	0,314	0,002	0,007	0,088	FALSE
-0,045	0,312	-0,001	0,009	0,062	FALSE
-0,068	0,312	-0,001	0,007	0,076	FALSE
-0,018	0,306	-0,001	0,012	0,030	FALSE
-0,028	0,300	-0,002	0,012	0,046	FALSE
-0,099	0,314	-0,004	0,011	0,126	FALSE
0,229	0,287	0,008	0,011	0,319	FALSE
0,076	0,318	0,002	0,012	0,073	FALSE
0,133	0,297	0,005	0,009	0,199	FALSE
-0,178	0,300	-0,007	0,012	0,252	FALSE
-0,032	0,319	-0,001	0,010	0,041	FALSE
0,022	0,317	0,001	0,007	0,030	FALSE
-0,011	0,324	-0,001	0,011	0,038	FALSE
-0,098	0,314	-0,001	0,006	0,086	FALSE
-0,082	0,311	-0,002	0,006	0,100	FALSE
-0,016	0,315	0,000	0,013	0,009	FALSE
0,065	0,307	0,002	0,010	0,079	FALSE
0,126	0,297	0,005	0,011	0,199	FALSE
-0,032	0,317	-0,001	0,009	0,040	FALSE
-0,099	0,284	-0,002	0,007	0,109	FALSE
-0,017	0,298	0,000	0,012	0,006	FALSE
-0,131	0,306	-0,005	0,012	0,182	FALSE
-0,169	0,299	-0,004	0,008	0,212	FALSE
0,147	0,310	0,005	0,012	0,163	FALSE
0,054	0,304	0,002	0,010	0,096	FALSE
0,041	0,301	0,001	0,010	0,025	FALSE
-0,021	0,311	-0,001	0,012	0,016	FALSE
-0,098	0,298	-0,002	0,007	0,100	FALSE
0,137	0,291	0,005	0,010	0,191	FALSE
-0,007	0,310	0,000	0,012	0,010	FALSE
-0,168	0,301	-0,004	0,007	0,229	FALSE
-0,084	0,301	-0,002	0,009	0,099	FALSE
0,023	0,313	0,001	0,006	0,032	FALSE
0,035	0,308	0,001	0,007	0,034	FALSE
0,042	0,307	0,001	0,008	0,063	FALSE
-0,018	0,302	0,000	0,007	0,004	FALSE
-0,049	0,312	-0,003	0,013	0,077	FALSE
0,076	0,314	0,002	0,006	0,091	FALSE
-0,005	0,311	-0,001	0,011	0,019	FALSE
0,086	0,307	0,002	0,011	0,083	FALSE
-0,155	0,310	-0,006	0,013	0,210	FALSE
-0,121	0,304	-0,005	0,012	0,173	FALSE
0,046	0,307	0,001	0,007	0,070	FALSE
0,064	0,309	0,002	0,008	0,096	FALSE
0,040	0,319	0,001	0,010	0,037	FALSE
-0,018	0,307	0,000	0,010	0,009	FALSE

0,021	0,303	0,000	0,010	0,015	FALSE
-0,068	0,297	-0,001	0,006	0,057	FALSE
-0,032	0,312	-0,001	0,008	0,039	FALSE
0,052	0,306	0,002	0,011	0,054	FALSE
-0,004	0,320	0,000	0,013	0,001	FALSE
-0,035	0,301	-0,002	0,012	0,057	FALSE
-0,108	0,311	-0,003	0,008	0,126	FALSE
-0,077	0,313	-0,002	0,009	0,102	FALSE
-0,031	0,296	-0,001	0,010	0,036	FALSE
-0,007	0,295	0,000	0,008	0,018	FALSE
-0,131	0,297	-0,005	0,010	0,212	FALSE
0,043	0,319	0,002	0,013	0,049	FALSE
0,037	0,305	0,002	0,012	0,051	FALSE
-0,108	0,309	-0,005	0,010	0,176	FALSE
0,022	0,302	0,000	0,009	0,007	FALSE
-0,061	0,310	-0,003	0,013	0,098	FALSE
-0,115	0,312	-0,004	0,011	0,132	FALSE
-0,042	0,300	-0,002	0,010	0,065	FALSE
-0,032	0,318	-0,001	0,008	0,062	FALSE
0,030	0,305	0,001	0,009	0,039	FALSE
0,046	0,309	0,001	0,006	0,035	FALSE
-0,050	0,303	-0,001	0,009	0,058	FALSE
0,004	0,309	0,000	0,008	0,008	FALSE
-0,067	0,316	-0,002	0,009	0,090	FALSE
-0,044	0,321	-0,002	0,011	0,052	FALSE
0,034	0,295	0,002	0,013	0,066	FALSE
-0,111	0,298	-0,003	0,011	0,117	FALSE
-0,102	0,303	-0,003	0,011	0,107	FALSE
0,058	0,318	0,002	0,009	0,079	FALSE
-0,115	0,312	-0,003	0,009	0,141	FALSE
0,103	0,306	0,002	0,007	0,103	FALSE
-0,132	0,297	-0,002	0,007	0,152	FALSE
0,127	0,298	0,004	0,008	0,193	FALSE
0,153	0,294	0,004	0,008	0,201	FALSE
0,031	0,311	0,001	0,010	0,053	FALSE
0,053	0,303	0,002	0,008	0,103	FALSE
-0,022	0,308	-0,001	0,012	0,032	FALSE
0,004	0,319	-0,001	0,011	0,016	FALSE
-0,039	0,310	-0,002	0,011	0,055	FALSE
0,070	0,294	0,002	0,009	0,102	FALSE
0,008	0,310	0,000	0,012	0,004	FALSE
-0,060	0,321	-0,001	0,009	0,060	FALSE
-0,021	0,310	-0,001	0,013	0,020	FALSE
-0,100	0,322	-0,002	0,007	0,099	FALSE
0,051	0,292	0,002	0,008	0,075	FALSE
0,050	0,315	0,001	0,006	0,046	FALSE
-0,057	0,305	-0,003	0,012	0,080	FALSE
-0,017	0,313	-0,001	0,013	0,029	FALSE
-0,048	0,308	-0,002	0,013	0,068	FALSE
-0,072	0,308	-0,002	0,010	0,065	FALSE
0,086	0,300	0,004	0,012	0,124	FALSE
0,059	0,301	0,002	0,009	0,080	FALSE
0,135	0,272	0,004	0,008	0,198	FALSE

0,034	0,302	0,001	0,008	0,062	FALSE
0,141	0,288	0,003	0,007	0,186	FALSE
0,055	0,298	0,002	0,010	0,081	FALSE
-0,015	0,311	0,000	0,006	0,017	FALSE
-0,015	0,311	-0,001	0,013	0,017	FALSE
-0,019	0,313	-0,001	0,012	0,032	FALSE
0,049	0,303	0,002	0,011	0,055	FALSE
-0,047	0,304	-0,002	0,009	0,075	FALSE
-0,009	0,311	0,000	0,013	0,010	FALSE
-0,023	0,321	-0,001	0,013	0,021	FALSE
-0,044	0,299	-0,001	0,008	0,024	FALSE
-0,038	0,311	-0,001	0,011	0,037	FALSE
-0,013	0,331	0,000	0,012	0,004	FALSE
0,077	0,305	0,003	0,008	0,124	FALSE
-0,100	0,307	-0,004	0,011	0,139	FALSE
-0,036	0,305	0,000	0,007	0,000	FALSE
-0,117	0,313	-0,003	0,007	0,180	FALSE
0,019	0,300	0,001	0,012	0,035	FALSE
-0,014	0,312	0,000	0,007	0,009	FALSE
0,127	0,312	0,004	0,010	0,183	FALSE
0,052	0,320	0,001	0,008	0,047	FALSE
0,016	0,302	0,001	0,010	0,044	FALSE
-0,088	0,302	-0,003	0,011	0,106	FALSE
0,108	0,291	0,002	0,007	0,132	FALSE
0,073	0,317	0,002	0,008	0,089	FALSE
-0,034	0,314	-0,001	0,012	0,021	FALSE
-0,005	0,307	0,000	0,007	0,000	FALSE
-0,070	0,301	-0,002	0,013	0,066	FALSE
0,128	0,299	0,002	0,006	0,148	FALSE
0,069	0,296	0,001	0,007	0,072	FALSE
0,062	0,303	0,001	0,006	0,081	FALSE
0,026	0,303	0,000	0,007	0,003	FALSE
-0,026	0,301	-0,001	0,008	0,049	FALSE
0,042	0,294	0,002	0,008	0,074	FALSE
0,036	0,301	0,001	0,008	0,064	FALSE
0,040	0,307	0,001	0,008	0,069	FALSE
0,035	0,300	0,002	0,010	0,078	FALSE
0,058	0,302	0,002	0,008	0,093	FALSE
0,043	0,295	0,002	0,010	0,081	FALSE
0,024	0,297	0,002	0,010	0,067	FALSE
-0,032	0,306	-0,002	0,012	0,047	FALSE
-0,004	0,303	0,000	0,007	0,013	FALSE
0,037	0,309	0,001	0,011	0,038	FALSE
0,072	0,307	0,002	0,011	0,087	FALSE
0,010	0,314	0,001	0,009	0,025	FALSE
-0,024	0,302	0,000	0,008	0,008	FALSE
-0,039	0,309	-0,001	0,007	0,045	FALSE
0,071	0,310	0,002	0,008	0,097	FALSE
0,064	0,295	0,003	0,009	0,110	FALSE
-0,005	0,301	-0,001	0,012	0,017	FALSE
-0,057	0,299	-0,002	0,010	0,059	FALSE
0,003	0,309	0,000	0,010	0,005	FALSE
-0,137	0,301	-0,005	0,011	0,191	FALSE

0,056	0,311	0,001	0,007	0,048	FALSE
0,088	0,304	0,003	0,009	0,131	FALSE
-0,068	0,327	-0,003	0,013	0,082	FALSE
0,019	0,321	0,001	0,009	0,034	FALSE
-0,040	0,310	-0,001	0,007	0,059	FALSE
0,029	0,317	0,001	0,009	0,048	FALSE
-0,008	0,307	-0,001	0,009	0,038	FALSE
0,045	0,314	0,002	0,011	0,060	FALSE
0,050	0,310	0,001	0,010	0,049	FALSE
0,011	0,301	0,000	0,013	0,001	FALSE
0,010	0,303	0,000	0,010	0,005	FALSE
0,071	0,296	0,003	0,010	0,103	FALSE
0,060	0,313	0,002	0,009	0,087	FALSE
0,089	0,304	0,002	0,008	0,084	FALSE
0,011	0,307	0,001	0,012	0,032	FALSE
-0,024	0,306	0,000	0,008	0,003	FALSE
0,152	0,297	0,003	0,006	0,207	FALSE
-0,048	0,309	-0,002	0,012	0,048	FALSE
0,027	0,315	0,000	0,009	0,004	FALSE
0,045	0,302	0,002	0,013	0,065	FALSE
-0,056	0,297	-0,002	0,011	0,069	FALSE
0,060	0,301	0,001	0,008	0,066	FALSE
-0,017	0,298	0,000	0,007	0,012	FALSE
0,086	0,312	0,002	0,008	0,108	FALSE
-0,065	0,315	-0,001	0,007	0,049	FALSE
-0,045	0,317	-0,001	0,006	0,032	FALSE
0,115	0,311	0,005	0,013	0,152	FALSE
0,046	0,296	0,002	0,008	0,073	FALSE
0,066	0,301	0,001	0,006	0,080	FALSE
-0,064	0,302	-0,003	0,011	0,090	FALSE
0,072	0,318	0,002	0,013	0,070	FALSE
0,139	0,299	0,003	0,008	0,173	FALSE
-0,025	0,320	-0,001	0,011	0,026	FALSE
-0,012	0,300	0,000	0,007	0,013	FALSE
-0,022	0,292	0,000	0,007	0,010	FALSE
-0,076	0,314	-0,003	0,010	0,102	FALSE
-0,080	0,308	-0,003	0,010	0,117	FALSE
-0,128	0,313	-0,004	0,011	0,142	FALSE
0,068	0,305	0,001	0,007	0,075	FALSE
0,075	0,314	0,003	0,009	0,113	FALSE
0,110	0,302	0,004	0,011	0,143	FALSE
-0,036	0,325	-0,001	0,008	0,041	FALSE
-0,035	0,307	-0,001	0,007	0,052	FALSE
0,053	0,306	0,001	0,011	0,048	FALSE
0,044	0,304	0,001	0,007	0,032	FALSE
-0,032	0,308	-0,002	0,010	0,064	FALSE
0,002	0,313	0,001	0,008	0,034	FALSE
0,077	0,314	0,003	0,011	0,122	FALSE
-0,074	0,309	-0,003	0,009	0,130	FALSE
0,022	0,302	0,001	0,008	0,040	FALSE
-0,028	0,308	0,000	0,009	0,003	FALSE
0,058	0,309	0,002	0,007	0,093	FALSE
-0,009	0,317	-0,001	0,013	0,040	FALSE

0,000	0,310	0,000	0,010	0,014	FALSE
0,053	0,315	0,002	0,013	0,063	FALSE
0,056	0,307	0,002	0,011	0,078	FALSE
-0,109	0,303	-0,004	0,010	0,152	FALSE
-0,039	0,300	-0,001	0,010	0,053	FALSE
-0,010	0,311	0,000	0,007	0,017	FALSE
-0,010	0,298	0,000	0,007	0,014	FALSE
0,016	0,297	0,000	0,006	0,015	FALSE
0,016	0,296	0,000	0,007	0,004	FALSE
-0,064	0,316	-0,001	0,009	0,060	FALSE
-0,064	0,315	-0,002	0,008	0,078	FALSE
-0,151	0,286	-0,005	0,011	0,215	FALSE
0,050	0,299	0,001	0,008	0,033	FALSE
-0,071	0,307	-0,002	0,007	0,094	FALSE
0,021	0,300	0,001	0,007	0,064	FALSE
0,022	0,307	0,000	0,007	0,019	FALSE
0,156	0,299	0,004	0,008	0,237	FALSE
-0,023	0,316	0,000	0,011	0,008	FALSE
0,113	0,304	0,004	0,008	0,186	FALSE
0,055	0,312	0,001	0,007	0,061	FALSE
0,097	0,306	0,003	0,008	0,141	FALSE
-0,082	0,307	-0,002	0,007	0,109	FALSE
-0,050	0,302	-0,002	0,012	0,063	FALSE
0,013	0,317	0,000	0,012	0,005	FALSE
0,036	0,307	0,001	0,013	0,040	FALSE
-0,021	0,318	-0,001	0,008	0,033	FALSE
0,008	0,312	0,000	0,010	0,018	FALSE
0,022	0,317	0,001	0,010	0,022	FALSE
-0,002	0,313	0,001	0,007	0,031	FALSE
-0,141	0,285	-0,004	0,010	0,176	FALSE
-0,003	0,315	-0,001	0,011	0,030	FALSE
0,028	0,305	0,000	0,009	0,004	FALSE
-0,103	0,293	-0,004	0,011	0,144	FALSE
0,019	0,319	0,001	0,009	0,031	FALSE
0,060	0,312	0,002	0,009	0,080	FALSE
-0,019	0,306	-0,001	0,009	0,021	FALSE
0,038	0,313	0,001	0,010	0,044	FALSE
-0,063	0,315	-0,001	0,007	0,057	FALSE
0,122	0,308	0,003	0,007	0,182	FALSE
-0,020	0,307	0,000	0,012	0,011	FALSE
-0,068	0,312	-0,002	0,007	0,086	FALSE
0,051	0,331	0,001	0,012	0,038	FALSE
0,038	0,303	0,000	0,010	0,015	FALSE
0,021	0,313	0,001	0,008	0,039	FALSE
-0,048	0,299	-0,001	0,006	0,050	FALSE
0,036	0,311	0,001	0,012	0,016	FALSE
0,024	0,303	0,001	0,011	0,018	FALSE
0,056	0,307	0,002	0,012	0,048	FALSE
0,117	0,297	0,003	0,008	0,135	FALSE
0,145	0,295	0,005	0,011	0,189	FALSE
0,143	0,300	0,003	0,008	0,170	FALSE
0,146	0,292	0,003	0,007	0,163	FALSE
-0,003	0,306	0,000	0,010	0,009	FALSE

0,117	0,307	0,003	0,008	0,142	FALSE
-0,010	0,303	0,000	0,010	0,008	FALSE
0,004	0,310	0,000	0,011	0,006	FALSE
0,119	0,297	0,003	0,007	0,160	FALSE
0,058	0,311	0,002	0,008	0,090	FALSE
-0,030	0,303	-0,001	0,008	0,027	FALSE
-0,042	0,324	-0,001	0,008	0,035	FALSE
0,015	0,312	0,001	0,008	0,028	FALSE
-0,018	0,308	0,000	0,009	0,003	FALSE
0,017	0,304	0,000	0,013	0,002	FALSE
-0,091	0,301	-0,002	0,006	0,112	FALSE
-0,027	0,318	-0,001	0,007	0,042	FALSE
0,056	0,299	0,001	0,012	0,041	FALSE
-0,076	0,292	-0,004	0,012	0,126	FALSE
0,149	0,289	0,007	0,012	0,236	FALSE
-0,199	0,290	-0,009	0,012	0,354	FALSE
0,101	0,308	0,004	0,010	0,167	FALSE
0,157	0,300	0,007	0,012	0,252	FALSE
0,095	0,295	0,004	0,011	0,167	FALSE
-0,090	0,309	-0,003	0,010	0,127	FALSE
0,075	0,291	0,004	0,010	0,138	FALSE
-0,085	0,309	-0,002	0,007	0,125	FALSE
0,038	0,298	0,001	0,012	0,031	FALSE
0,022	0,299	0,001	0,010	0,038	FALSE
-0,105	0,306	-0,005	0,012	0,165	FALSE
-0,070	0,301	-0,002	0,010	0,095	FALSE
0,029	0,321	0,001	0,012	0,029	FALSE
0,090	0,311	0,005	0,012	0,160	FALSE
-0,084	0,317	-0,003	0,012	0,105	FALSE
-0,063	0,286	-0,002	0,009	0,106	FALSE
-0,048	0,321	-0,002	0,013	0,057	FALSE
-0,007	0,303	0,000	0,012	0,001	FALSE
0,155	0,301	0,005	0,010	0,248	FALSE
0,076	0,304	0,002	0,010	0,074	FALSE
0,056	0,319	0,002	0,010	0,059	FALSE
0,040	0,314	0,001	0,006	0,050	FALSE
0,060	0,314	0,001	0,012	0,042	FALSE
-0,044	0,310	-0,001	0,007	0,069	FALSE
-0,004	0,308	0,000	0,008	0,011	FALSE
0,015	0,309	0,000	0,013	0,009	FALSE
-0,053	0,305	-0,001	0,010	0,045	FALSE
-0,012	0,314	-0,001	0,012	0,019	FALSE
0,068	0,304	0,003	0,012	0,093	FALSE
0,055	0,306	0,002	0,013	0,051	FALSE
0,054	0,311	0,002	0,013	0,049	FALSE
-0,086	0,306	-0,004	0,013	0,123	FALSE
-0,053	0,306	-0,001	0,011	0,049	FALSE
-0,023	0,299	0,000	0,007	0,020	FALSE
-0,017	0,303	0,000	0,012	0,013	FALSE
-0,089	0,311	-0,004	0,014	0,130	FALSE
0,038	0,295	0,001	0,008	0,049	FALSE
-0,005	0,296	0,000	0,006	0,002	FALSE
-0,113	0,301	-0,004	0,009	0,215	FALSE

-0,030	0,306	0,000	0,006	0,028	FALSE
-0,037	0,308	-0,001	0,007	0,071	FALSE
-0,006	0,303	-0,001	0,006	0,034	FALSE
0,051	0,327	0,002	0,009	0,089	FALSE
-0,076	0,308	-0,001	0,007	0,078	FALSE
0,088	0,310	0,003	0,010	0,123	FALSE
-0,163	0,296	-0,006	0,011	0,225	FALSE
0,089	0,307	0,004	0,012	0,129	FALSE
-0,017	0,303	0,000	0,006	0,025	FALSE
-0,086	0,321	-0,002	0,009	0,092	FALSE
0,034	0,305	0,001	0,007	0,072	FALSE
0,044	0,287	0,002	0,012	0,058	FALSE
-0,081	0,293	-0,004	0,012	0,123	FALSE
0,048	0,293	0,003	0,012	0,087	FALSE
0,071	0,298	0,003	0,012	0,108	FALSE
-0,023	0,299	-0,002	0,011	0,066	FALSE
-0,065	0,310	-0,002	0,009	0,105	FALSE
0,006	0,315	-0,001	0,013	0,015	FALSE
0,048	0,295	0,001	0,007	0,040	FALSE
-0,067	0,305	-0,002	0,008	0,106	FALSE
0,029	0,305	0,000	0,009	0,012	FALSE
0,123	0,295	0,005	0,012	0,160	FALSE
0,020	0,302	0,001	0,013	0,022	FALSE
-0,137	0,305	-0,004	0,008	0,210	FALSE
0,157	0,296	0,006	0,011	0,260	FALSE
0,049	0,298	0,001	0,010	0,044	FALSE
0,061	0,314	0,001	0,007	0,078	FALSE
-0,004	0,310	0,000	0,010	0,013	FALSE
-0,017	0,300	0,000	0,006	0,017	FALSE
0,089	0,318	0,003	0,008	0,132	FALSE
-0,052	0,318	-0,001	0,009	0,049	FALSE
0,011	0,291	0,001	0,007	0,043	FALSE
-0,171	0,306	-0,008	0,013	0,246	TRUE
-0,002	0,307	-0,001	0,010	0,023	FALSE
0,041	0,307	0,001	0,013	0,019	FALSE
0,183	0,311	0,003	0,006	0,227	FALSE
0,125	0,299	0,003	0,007	0,156	FALSE
0,115	0,317	0,003	0,007	0,142	FALSE
0,016	0,312	0,001	0,012	0,018	FALSE
-0,041	0,314	-0,001	0,007	0,069	FALSE
0,050	0,318	0,001	0,009	0,061	FALSE
0,164	0,300	0,005	0,009	0,239	FALSE
0,132	0,303	0,005	0,010	0,191	FALSE
0,106	0,298	0,003	0,006	0,178	FALSE
-0,017	0,306	-0,001	0,013	0,015	FALSE
-0,075	0,313	-0,003	0,011	0,117	FALSE
-0,178	0,295	-0,007	0,010	0,303	FALSE
-0,085	0,311	-0,002	0,007	0,123	FALSE
-0,080	0,305	-0,004	0,013	0,115	FALSE
-0,185	0,308	-0,007	0,010	0,294	FALSE
0,091	0,282	0,003	0,009	0,115	FALSE
0,062	0,308	0,002	0,010	0,068	FALSE
-0,039	0,316	-0,002	0,012	0,053	FALSE

0,020	0,307	0,001	0,010	0,042	FALSE
0,035	0,315	0,001	0,008	0,041	FALSE
0,104	0,302	0,002	0,007	0,147	FALSE
0,113	0,302	0,003	0,010	0,117	FALSE
-0,104	0,320	-0,003	0,010	0,114	FALSE
0,057	0,306	0,002	0,009	0,067	FALSE
0,030	0,311	0,001	0,012	0,029	FALSE
0,084	0,314	0,003	0,009	0,134	FALSE
0,053	0,310	0,002	0,013	0,058	FALSE
0,052	0,311	0,001	0,010	0,049	FALSE
0,028	0,324	0,002	0,013	0,051	FALSE
0,050	0,308	0,002	0,013	0,051	FALSE
0,149	0,305	0,004	0,008	0,229	FALSE
-0,015	0,322	0,000	0,012	0,000	FALSE
-0,118	0,313	-0,004	0,010	0,150	FALSE
0,002	0,306	0,000	0,012	0,014	FALSE
-0,049	0,311	-0,002	0,011	0,077	FALSE
0,030	0,301	0,001	0,013	0,026	FALSE
-0,031	0,305	-0,001	0,013	0,027	FALSE
-0,035	0,315	-0,002	0,012	0,052	FALSE
0,003	0,314	0,000	0,013	0,000	FALSE
-0,112	0,318	-0,002	0,006	0,133	FALSE
-0,040	0,312	-0,002	0,012	0,070	FALSE
-0,127	0,310	-0,003	0,007	0,151	FALSE
0,040	0,315	0,001	0,011	0,032	FALSE
-0,053	0,328	-0,002	0,009	0,078	FALSE
-0,042	0,300	-0,002	0,009	0,087	FALSE
0,176	0,304	0,006	0,010	0,243	FALSE
-0,099	0,295	-0,003	0,012	0,108	FALSE
0,069	0,296	0,002	0,012	0,056	FALSE
0,011	0,318	0,001	0,012	0,016	FALSE
-0,016	0,315	-0,001	0,012	0,028	FALSE
-0,061	0,297	-0,003	0,011	0,085	FALSE
-0,127	0,294	-0,004	0,009	0,189	FALSE
0,001	0,313	0,000	0,012	0,006	FALSE
-0,008	0,310	-0,001	0,012	0,022	FALSE
0,069	0,311	0,002	0,008	0,105	FALSE
-0,031	0,290	-0,001	0,010	0,054	FALSE
0,024	0,312	0,001	0,008	0,054	FALSE
-0,040	0,309	-0,001	0,007	0,061	FALSE
0,007	0,322	0,000	0,011	0,004	FALSE
0,054	0,308	0,002	0,012	0,076	FALSE
0,064	0,292	0,001	0,010	0,053	FALSE
0,094	0,299	0,002	0,007	0,109	FALSE
0,071	0,309	0,002	0,009	0,096	FALSE
-0,069	0,308	-0,001	0,008	0,066	FALSE
-0,006	0,315	0,001	0,006	0,032	FALSE
-0,035	0,295	-0,001	0,012	0,036	FALSE
0,096	0,301	0,004	0,013	0,107	FALSE
-0,098	0,303	-0,003	0,009	0,141	FALSE
-0,091	0,311	-0,003	0,009	0,123	FALSE
-0,114	0,294	-0,003	0,009	0,166	FALSE
-0,104	0,306	-0,003	0,009	0,138	FALSE

0,050	0,318	0,001	0,007	0,049	FALSE
-0,019	0,314	0,000	0,006	0,008	FALSE
0,020	0,313	0,001	0,008	0,035	FALSE
0,017	0,310	0,000	0,008	0,010	FALSE
-0,061	0,307	-0,001	0,006	0,083	FALSE
0,002	0,299	-0,001	0,012	0,022	FALSE
-0,050	0,296	-0,001	0,007	0,043	FALSE
-0,001	0,309	-0,001	0,013	0,019	FALSE
-0,051	0,310	-0,002	0,010	0,082	FALSE
-0,029	0,302	-0,001	0,009	0,056	FALSE
-0,052	0,306	-0,002	0,009	0,081	FALSE
-0,085	0,292	-0,002	0,007	0,130	FALSE
0,122	0,307	0,005	0,012	0,180	FALSE
0,025	0,304	0,000	0,008	0,007	FALSE
0,097	0,309	0,003	0,008	0,137	FALSE
-0,031	0,299	-0,001	0,011	0,035	FALSE
-0,008	0,284	-0,001	0,007	0,030	FALSE
-0,072	0,316	-0,002	0,007	0,110	FALSE
-0,033	0,317	-0,001	0,009	0,048	FALSE
-0,014	0,296	-0,001	0,009	0,034	FALSE
0,012	0,307	0,000	0,009	0,005	FALSE
-0,132	0,306	-0,003	0,007	0,165	FALSE
0,029	0,298	0,000	0,007	0,022	FALSE
0,200	0,288	0,009	0,012	0,320	FALSE
-0,125	0,314	-0,005	0,013	0,170	FALSE
-0,074	0,310	-0,002	0,007	0,087	FALSE
-0,121	0,300	-0,004	0,011	0,161	FALSE
-0,134	0,302	-0,004	0,010	0,186	FALSE
-0,009	0,297	0,000	0,007	0,008	FALSE
-0,123	0,293	-0,004	0,009	0,190	FALSE
-0,035	0,312	-0,001	0,009	0,048	FALSE
0,038	0,312	0,001	0,007	0,067	FALSE
-0,045	0,309	-0,001	0,007	0,064	FALSE
0,079	0,324	0,002	0,007	0,093	FALSE
-0,111	0,305	-0,005	0,011	0,168	FALSE
0,030	0,322	0,001	0,006	0,028	FALSE
-0,016	0,311	-0,001	0,007	0,040	FALSE
0,072	0,303	0,002	0,008	0,081	FALSE
-0,052	0,292	-0,001	0,012	0,043	FALSE
-0,091	0,299	-0,003	0,009	0,114	FALSE
-0,110	0,301	-0,003	0,009	0,136	FALSE
-0,066	0,291	-0,002	0,009	0,079	FALSE
-0,152	0,297	-0,005	0,010	0,215	FALSE
0,104	0,302	0,004	0,009	0,187	FALSE
-0,049	0,310	-0,001	0,007	0,045	FALSE
0,157	0,300	0,006	0,009	0,274	FALSE
0,067	0,301	0,002	0,008	0,075	FALSE
-0,079	0,311	-0,002	0,011	0,071	FALSE
0,050	0,301	0,001	0,009	0,063	FALSE
-0,028	0,313	-0,001	0,013	0,036	FALSE
0,082	0,309	0,002	0,007	0,126	FALSE
0,069	0,316	0,002	0,008	0,108	FALSE
-0,087	0,305	-0,003	0,010	0,108	FALSE

0,124	0,319	0,003	0,008	0,156	FALSE
0,087	0,310	0,003	0,009	0,121	FALSE
-0,041	0,313	-0,001	0,007	0,057	FALSE
0,054	0,301	0,001	0,008	0,065	FALSE
-0,133	0,306	-0,004	0,008	0,195	FALSE
-0,023	0,297	0,000	0,008	0,008	FALSE
-0,104	0,316	-0,005	0,013	0,144	FALSE
-0,151	0,313	-0,005	0,011	0,179	FALSE
0,014	0,307	0,001	0,008	0,035	FALSE
0,070	0,300	0,001	0,007	0,078	FALSE
-0,104	0,298	-0,005	0,010	0,186	FALSE
0,065	0,310	0,003	0,011	0,122	FALSE
-0,126	0,291	-0,005	0,010	0,230	FALSE
-0,009	0,306	0,000	0,008	0,005	FALSE
0,005	0,305	0,000	0,007	0,005	FALSE
0,041	0,313	0,001	0,008	0,057	FALSE
-0,026	0,317	-0,001	0,012	0,023	FALSE
0,136	0,306	0,005	0,012	0,176	FALSE
-0,052	0,305	-0,002	0,007	0,088	FALSE
0,080	0,302	0,002	0,008	0,092	FALSE
-0,031	0,312	-0,001	0,009	0,045	FALSE
0,025	0,306	0,001	0,006	0,034	FALSE
-0,065	0,323	-0,001	0,009	0,061	FALSE
-0,072	0,306	-0,001	0,007	0,078	FALSE
-0,050	0,298	-0,003	0,011	0,097	FALSE
0,106	0,301	0,004	0,010	0,153	FALSE
-0,177	0,301	-0,008	0,013	0,266	FALSE
0,065	0,325	0,002	0,011	0,082	FALSE
-0,067	0,308	-0,002	0,011	0,077	FALSE
0,008	0,306	0,001	0,012	0,020	FALSE
-0,113	0,305	-0,006	0,012	0,193	FALSE
0,122	0,297	0,006	0,013	0,179	FALSE
-0,113	0,312	-0,006	0,014	0,184	FALSE
-0,152	0,311	-0,007	0,013	0,223	FALSE
0,005	0,300	0,000	0,012	0,008	FALSE
0,088	0,301	0,003	0,009	0,133	FALSE
0,125	0,316	0,004	0,009	0,167	FALSE
-0,031	0,326	-0,001	0,007	0,026	FALSE
0,010	0,307	0,000	0,013	0,012	FALSE
0,088	0,309	0,003	0,009	0,150	FALSE
-0,040	0,299	-0,001	0,006	0,030	FALSE
-0,056	0,309	-0,001	0,006	0,052	FALSE
0,028	0,301	0,001	0,008	0,053	FALSE
-0,051	0,309	-0,001	0,007	0,043	FALSE
-0,078	0,288	-0,001	0,006	0,083	FALSE
-0,120	0,286	-0,005	0,010	0,185	FALSE
0,010	0,308	0,000	0,006	0,000	FALSE
0,060	0,303	0,002	0,011	0,082	FALSE
-0,014	0,300	-0,001	0,011	0,022	FALSE
0,027	0,314	0,000	0,013	0,010	FALSE
0,013	0,303	0,000	0,008	0,015	FALSE
0,041	0,316	0,001	0,009	0,056	FALSE
0,086	0,310	0,002	0,008	0,077	FALSE

-0,031	0,305	-0,001	0,009	0,031	FALSE
-0,059	0,312	-0,002	0,008	0,085	FALSE
0,039	0,315	0,002	0,013	0,058	FALSE
0,092	0,303	0,004	0,012	0,118	FALSE
-0,051	0,299	-0,001	0,010	0,051	FALSE
0,061	0,312	0,002	0,011	0,081	FALSE
-0,054	0,301	-0,002	0,009	0,075	FALSE
0,028	0,311	0,001	0,013	0,028	FALSE
-0,113	0,308	-0,003	0,008	0,132	FALSE
-0,042	0,319	-0,001	0,010	0,041	FALSE
-0,178	0,304	-0,004	0,008	0,239	FALSE
0,094	0,292	0,002	0,008	0,107	FALSE
0,056	0,314	0,002	0,013	0,058	FALSE
-0,108	0,307	-0,003	0,008	0,132	FALSE
-0,053	0,306	-0,002	0,010	0,064	FALSE
0,026	0,308	0,001	0,012	0,016	FALSE
0,097	0,325	0,002	0,008	0,111	FALSE
0,142	0,295	0,004	0,008	0,220	FALSE
0,014	0,310	0,001	0,013	0,030	FALSE
-0,190	0,295	-0,005	0,008	0,292	FALSE
0,017	0,305	0,001	0,012	0,017	FALSE
0,104	0,318	0,002	0,008	0,099	FALSE
0,039	0,324	0,001	0,011	0,035	FALSE
0,057	0,306	0,003	0,010	0,105	FALSE
0,019	0,310	0,000	0,007	0,018	FALSE
0,036	0,309	0,002	0,010	0,073	FALSE
0,033	0,313	0,001	0,012	0,022	FALSE
0,022	0,317	0,000	0,012	0,014	FALSE
-0,015	0,306	0,000	0,008	0,013	FALSE
0,047	0,295	0,001	0,008	0,028	FALSE
0,037	0,296	0,002	0,012	0,073	FALSE
0,030	0,301	0,002	0,013	0,045	FALSE
0,029	0,305	0,002	0,009	0,081	FALSE
0,008	0,317	0,000	0,007	0,008	FALSE
0,060	0,296	0,002	0,007	0,091	FALSE
0,117	0,306	0,005	0,013	0,142	FALSE
0,073	0,310	0,001	0,006	0,083	FALSE
0,168	0,306	0,006	0,011	0,226	FALSE
-0,067	0,315	-0,003	0,013	0,087	FALSE
0,089	0,315	0,002	0,010	0,083	FALSE
-0,114	0,304	-0,004	0,009	0,172	FALSE
-0,053	0,306	-0,003	0,011	0,091	FALSE
-0,069	0,296	-0,003	0,011	0,107	FALSE
-0,158	0,298	-0,003	0,007	0,213	FALSE
-0,001	0,306	0,000	0,013	0,005	FALSE
-0,006	0,291	-0,001	0,011	0,032	FALSE
-0,018	0,304	-0,001	0,010	0,044	FALSE
0,083	0,309	0,003	0,012	0,095	FALSE
0,095	0,301	0,003	0,010	0,098	FALSE
0,122	0,303	0,003	0,010	0,143	FALSE
-0,004	0,295	0,000	0,012	0,001	FALSE
0,011	0,308	0,000	0,007	0,021	FALSE
-0,013	0,302	0,000	0,007	0,002	FALSE

0,024	0,306	0,000	0,011	0,003	FALSE
-0,163	0,308	-0,004	0,008	0,210	FALSE
0,175	0,302	0,005	0,009	0,222	FALSE
0,033	0,300	0,001	0,009	0,041	FALSE
-0,099	0,315	-0,003	0,007	0,142	FALSE
-0,023	0,297	0,000	0,012	0,010	FALSE
-0,117	0,302	-0,005	0,011	0,171	FALSE
-0,002	0,292	0,000	0,009	0,001	FALSE
0,063	0,297	0,001	0,011	0,039	FALSE
-0,098	0,315	-0,004	0,010	0,139	FALSE
0,099	0,298	0,003	0,008	0,151	FALSE
0,169	0,297	0,003	0,007	0,176	FALSE
-0,099	0,303	-0,004	0,011	0,129	FALSE
-0,044	0,302	-0,001	0,010	0,039	FALSE
0,136	0,294	0,005	0,010	0,201	FALSE
0,064	0,317	0,002	0,007	0,095	FALSE
0,121	0,297	0,003	0,008	0,170	FALSE
0,077	0,286	0,001	0,008	0,061	FALSE
0,061	0,321	0,002	0,007	0,112	FALSE
0,033	0,304	0,001	0,007	0,060	FALSE
-0,023	0,318	0,000	0,008	0,001	FALSE
-0,035	0,314	-0,001	0,013	0,035	FALSE
-0,005	0,298	0,000	0,007	0,016	FALSE
0,005	0,304	0,000	0,009	0,008	FALSE
0,175	0,291	0,005	0,008	0,264	FALSE
0,155	0,288	0,006	0,011	0,239	FALSE
0,206	0,296	0,008	0,012	0,310	FALSE
0,203	0,309	0,005	0,008	0,301	FALSE
0,026	0,313	0,000	0,007	0,013	FALSE
-0,036	0,311	-0,002	0,013	0,062	FALSE
0,031	0,323	0,000	0,011	0,013	FALSE
0,056	0,309	0,001	0,007	0,055	FALSE
0,199	0,292	0,007	0,010	0,328	FALSE
0,065	0,302	0,002	0,007	0,080	FALSE
-0,002	0,313	0,000	0,007	0,009	FALSE
-0,156	0,309	-0,003	0,007	0,207	FALSE
-0,011	0,303	-0,001	0,013	0,038	FALSE
0,043	0,314	0,001	0,007	0,028	FALSE
0,004	0,309	0,001	0,012	0,038	FALSE
0,018	0,313	0,000	0,007	0,022	FALSE
0,104	0,305	0,002	0,008	0,112	FALSE
0,069	0,309	0,002	0,007	0,106	FALSE
0,112	0,318	0,005	0,013	0,144	FALSE
0,116	0,299	0,003	0,007	0,166	FALSE
0,118	0,298	0,004	0,010	0,150	FALSE
0,095	0,303	0,005	0,013	0,140	FALSE
0,048	0,315	0,002	0,008	0,087	FALSE
0,070	0,313	0,004	0,013	0,111	FALSE
0,069	0,298	0,002	0,008	0,116	FALSE
-0,015	0,313	-0,001	0,013	0,018	FALSE
-0,029	0,312	-0,001	0,013	0,038	FALSE
-0,086	0,303	-0,001	0,006	0,084	FALSE
-0,094	0,318	-0,003	0,010	0,100	FALSE

-0,026	0,320	0,000	0,007	0,023	FALSE
-0,104	0,310	-0,002	0,006	0,098	FALSE
-0,017	0,303	0,000	0,007	0,011	FALSE
-0,086	0,307	-0,002	0,009	0,102	FALSE
0,054	0,295	0,002	0,010	0,055	FALSE
-0,067	0,312	-0,003	0,013	0,079	FALSE
-0,012	0,312	0,000	0,008	0,010	FALSE
-0,021	0,308	0,000	0,007	0,017	FALSE
-0,012	0,309	0,000	0,008	0,015	FALSE
-0,034	0,299	-0,002	0,012	0,046	FALSE
0,017	0,314	0,001	0,010	0,017	FALSE
0,024	0,306	0,002	0,012	0,048	FALSE
0,146	0,301	0,006	0,013	0,205	FALSE
-0,071	0,315	-0,003	0,012	0,094	FALSE
-0,061	0,324	-0,001	0,007	0,078	FALSE
-0,058	0,306	-0,001	0,006	0,066	FALSE
-0,030	0,320	-0,001	0,012	0,027	FALSE
-0,046	0,317	-0,002	0,013	0,060	FALSE
-0,017	0,311	-0,001	0,012	0,029	FALSE
-0,011	0,321	0,000	0,010	0,006	FALSE
-0,043	0,324	-0,001	0,007	0,045	FALSE
-0,052	0,304	-0,001	0,010	0,055	FALSE
-0,040	0,306	-0,001	0,007	0,045	FALSE
-0,046	0,314	-0,001	0,008	0,062	FALSE
-0,027	0,311	-0,001	0,007	0,026	FALSE
-0,062	0,304	-0,001	0,007	0,061	FALSE
0,062	0,308	0,003	0,013	0,091	FALSE
0,040	0,309	0,001	0,010	0,048	FALSE
-0,068	0,309	-0,002	0,010	0,095	FALSE
-0,088	0,310	-0,004	0,012	0,117	FALSE
0,018	0,314	0,001	0,010	0,026	FALSE
-0,014	0,300	0,000	0,006	0,001	FALSE
0,016	0,316	0,000	0,009	0,006	FALSE
-0,141	0,308	-0,003	0,007	0,169	FALSE
-0,046	0,321	-0,002	0,011	0,065	FALSE
0,112	0,294	0,004	0,008	0,193	FALSE
-0,093	0,311	-0,003	0,013	0,080	FALSE
-0,126	0,310	-0,003	0,007	0,177	FALSE
-0,016	0,299	0,000	0,007	0,002	FALSE
-0,018	0,294	0,000	0,009	0,010	FALSE
0,023	0,296	0,002	0,012	0,062	FALSE
0,021	0,309	0,002	0,012	0,049	FALSE
0,005	0,311	0,001	0,012	0,026	FALSE
-0,060	0,295	-0,003	0,012	0,085	FALSE
0,002	0,324	0,000	0,008	0,007	FALSE
0,041	0,291	0,001	0,008	0,039	FALSE
-0,088	0,307	-0,002	0,007	0,124	FALSE
0,078	0,305	0,003	0,012	0,104	FALSE
0,061	0,308	0,002	0,011	0,055	FALSE
0,100	0,311	0,003	0,008	0,145	FALSE
-0,123	0,306	-0,003	0,007	0,149	FALSE
0,135	0,308	0,003	0,006	0,222	FALSE
0,122	0,296	0,003	0,006	0,194	FALSE

0,048	0,305	0,001	0,008	0,042	FALSE
-0,104	0,292	-0,003	0,009	0,136	FALSE
-0,078	0,310	-0,001	0,007	0,064	FALSE
-0,069	0,307	-0,001	0,007	0,044	FALSE
-0,063	0,298	-0,001	0,008	0,046	FALSE
-0,067	0,303	-0,001	0,007	0,053	FALSE
-0,024	0,302	0,000	0,012	0,015	FALSE
-0,155	0,305	-0,004	0,007	0,210	FALSE
-0,135	0,302	-0,003	0,007	0,178	FALSE
-0,057	0,305	-0,002	0,010	0,080	FALSE
-0,018	0,306	0,000	0,009	0,011	FALSE
0,032	0,308	0,001	0,011	0,025	FALSE
0,000	0,313	-0,001	0,013	0,020	FALSE
0,008	0,302	0,000	0,011	0,006	FALSE
-0,045	0,322	-0,001	0,010	0,052	FALSE
0,012	0,305	0,000	0,010	0,011	FALSE
0,041	0,304	0,001	0,010	0,051	FALSE
0,054	0,314	0,002	0,010	0,064	FALSE
0,045	0,322	0,001	0,011	0,050	FALSE
0,099	0,304	0,004	0,011	0,137	FALSE
0,001	0,310	0,000	0,010	0,012	FALSE
0,016	0,310	0,001	0,010	0,027	FALSE
-0,025	0,306	-0,001	0,010	0,023	FALSE
-0,025	0,299	-0,002	0,013	0,051	FALSE
-0,041	0,314	-0,002	0,011	0,074	FALSE
0,044	0,320	0,002	0,013	0,070	FALSE
0,091	0,313	0,003	0,012	0,093	FALSE
-0,155	0,317	-0,005	0,010	0,208	FALSE
0,017	0,321	0,000	0,009	0,006	FALSE
-0,153	0,303	-0,005	0,009	0,214	FALSE
-0,019	0,300	0,000	0,013	0,005	FALSE
-0,071	0,304	-0,002	0,008	0,082	FALSE
0,081	0,291	0,003	0,010	0,127	FALSE
0,125	0,313	0,005	0,012	0,166	FALSE
0,043	0,299	0,001	0,008	0,051	FALSE
-0,009	0,310	0,001	0,009	0,021	FALSE
0,014	0,301	0,001	0,010	0,048	FALSE
0,028	0,324	0,001	0,012	0,017	FALSE
0,059	0,298	0,001	0,009	0,035	FALSE
0,021	0,326	0,001	0,009	0,021	FALSE
-0,034	0,302	-0,003	0,013	0,082	FALSE
-0,023	0,317	0,000	0,010	0,010	FALSE
0,066	0,294	0,005	0,012	0,152	FALSE
0,087	0,317	0,004	0,011	0,121	FALSE
0,091	0,310	0,004	0,011	0,133	FALSE
0,014	0,292	0,000	0,006	0,022	FALSE
0,051	0,297	0,001	0,008	0,029	FALSE
0,008	0,291	-0,001	0,007	0,026	FALSE
0,134	0,311	0,004	0,010	0,163	FALSE
-0,070	0,304	-0,002	0,009	0,095	FALSE
0,069	0,321	0,002	0,010	0,084	FALSE
0,006	0,311	0,000	0,009	0,017	FALSE
0,026	0,303	0,000	0,008	0,011	FALSE

-0,118	0,307	-0,002	0,007	0,122	FALSE
0,031	0,330	0,000	0,009	0,015	FALSE
0,039	0,314	0,001	0,007	0,055	FALSE
0,109	0,289	0,002	0,007	0,112	FALSE
-0,061	0,297	-0,002	0,008	0,072	FALSE
0,118	0,309	0,005	0,013	0,148	FALSE
0,154	0,297	0,007	0,011	0,279	FALSE
0,039	0,316	0,002	0,009	0,068	FALSE
-0,129	0,302	-0,003	0,007	0,183	FALSE
0,102	0,325	0,002	0,008	0,117	FALSE
0,105	0,314	0,003	0,007	0,139	FALSE
0,023	0,299	0,001	0,012	0,024	FALSE
0,068	0,312	0,002	0,008	0,085	FALSE
0,072	0,322	0,002	0,008	0,080	FALSE
0,043	0,317	0,001	0,009	0,038	FALSE
0,034	0,305	0,001	0,012	0,030	FALSE
-0,013	0,327	-0,001	0,012	0,029	FALSE
0,057	0,318	0,001	0,008	0,052	FALSE
0,088	0,311	0,002	0,008	0,104	FALSE
0,021	0,306	0,000	0,008	0,010	FALSE
0,045	0,314	0,001	0,008	0,037	FALSE
0,070	0,295	0,002	0,013	0,072	FALSE
0,125	0,284	0,003	0,009	0,141	FALSE
0,148	0,300	0,004	0,009	0,178	FALSE
0,139	0,288	0,004	0,009	0,160	FALSE
-0,079	0,313	-0,002	0,007	0,085	FALSE
0,153	0,297	0,005	0,011	0,193	FALSE
0,019	0,313	0,001	0,008	0,038	FALSE
-0,010	0,312	-0,001	0,011	0,021	FALSE
0,088	0,312	0,003	0,009	0,138	FALSE
0,068	0,290	0,001	0,007	0,068	FALSE
-0,022	0,313	-0,001	0,012	0,017	FALSE
0,032	0,313	0,001	0,007	0,074	FALSE
-0,066	0,305	-0,003	0,012	0,084	FALSE
0,047	0,308	0,002	0,009	0,063	FALSE
-0,016	0,306	-0,001	0,011	0,027	FALSE
0,003	0,305	0,000	0,007	0,015	FALSE
-0,010	0,303	-0,001	0,008	0,031	FALSE
-0,028	0,307	0,000	0,009	0,008	FALSE
-0,080	0,314	-0,002	0,008	0,081	FALSE
0,017	0,309	0,001	0,012	0,030	FALSE
0,015	0,307	0,001	0,012	0,031	FALSE
-0,066	0,305	-0,001	0,008	0,030	FALSE
-0,047	0,300	-0,001	0,006	0,085	FALSE
0,019	0,308	0,000	0,008	0,004	FALSE
0,004	0,322	0,000	0,011	0,009	FALSE
0,042	0,301	0,001	0,007	0,035	FALSE
-0,045	0,306	-0,003	0,013	0,082	FALSE
-0,080	0,298	-0,003	0,011	0,103	FALSE
0,083	0,303	0,002	0,008	0,105	FALSE
-0,007	0,301	-0,001	0,013	0,033	FALSE
-0,031	0,296	-0,001	0,008	0,043	FALSE
-0,004	0,322	0,000	0,008	0,005	FALSE

0,061	0,295	0,002	0,009	0,080	FALSE
-0,038	0,312	-0,003	0,012	0,081	FALSE
-0,039	0,317	-0,003	0,012	0,083	FALSE
-0,078	0,309	-0,002	0,011	0,059	FALSE
0,070	0,308	0,003	0,012	0,086	FALSE
0,097	0,305	0,003	0,010	0,128	FALSE
-0,081	0,296	-0,003	0,011	0,120	FALSE
0,107	0,325	0,003	0,008	0,134	FALSE
0,093	0,299	0,002	0,008	0,117	FALSE
0,077	0,299	0,003	0,012	0,105	FALSE
0,011	0,317	0,000	0,009	0,013	FALSE
0,109	0,302	0,003	0,010	0,133	FALSE
-0,014	0,316	0,000	0,008	0,002	FALSE
-0,009	0,318	0,000	0,009	0,000	FALSE
0,022	0,311	0,001	0,007	0,039	FALSE
0,034	0,311	0,001	0,009	0,030	FALSE
0,080	0,303	0,002	0,009	0,073	FALSE
-0,068	0,305	-0,002	0,010	0,093	FALSE
0,059	0,301	0,002	0,010	0,086	FALSE
0,038	0,306	0,001	0,007	0,061	FALSE
0,040	0,314	0,001	0,008	0,063	FALSE
-0,078	0,291	-0,003	0,012	0,100	FALSE
-0,004	0,317	-0,001	0,007	0,037	FALSE
0,075	0,309	0,003	0,012	0,080	FALSE
0,065	0,301	0,002	0,012	0,073	FALSE
0,040	0,322	0,002	0,013	0,043	FALSE
0,085	0,297	0,002	0,008	0,109	FALSE
-0,047	0,312	-0,002	0,010	0,074	FALSE
-0,138	0,298	-0,004	0,009	0,189	FALSE
0,051	0,303	0,001	0,010	0,043	FALSE
0,184	0,300	0,004	0,007	0,235	FALSE
0,046	0,318	0,002	0,010	0,066	FALSE
0,018	0,312	0,001	0,013	0,027	FALSE
-0,152	0,309	-0,006	0,010	0,239	FALSE
-0,007	0,303	-0,001	0,008	0,031	FALSE
0,062	0,309	0,002	0,007	0,097	FALSE
-0,076	0,307	-0,001	0,006	0,085	FALSE
0,031	0,297	0,001	0,010	0,022	FALSE
-0,175	0,305	-0,004	0,007	0,245	FALSE
-0,114	0,303	-0,004	0,010	0,174	FALSE
-0,011	0,305	-0,002	0,013	0,045	FALSE
0,119	0,290	0,003	0,007	0,177	FALSE
0,101	0,298	0,002	0,007	0,146	FALSE
0,093	0,303	0,002	0,007	0,110	FALSE
0,003	0,319	0,000	0,009	0,012	FALSE
-0,023	0,310	-0,001	0,013	0,030	FALSE
-0,070	0,326	-0,001	0,007	0,077	FALSE
-0,055	0,300	-0,002	0,011	0,064	FALSE
0,107	0,303	0,004	0,011	0,146	FALSE
0,077	0,310	0,002	0,008	0,073	FALSE
0,002	0,315	0,001	0,008	0,023	FALSE
-0,017	0,304	0,000	0,007	0,021	FALSE
0,067	0,321	0,001	0,007	0,056	FALSE

-0,067	0,316	-0,002	0,008	0,078	FALSE
0,066	0,303	0,002	0,006	0,101	FALSE
0,010	0,315	0,001	0,007	0,037	FALSE
0,179	0,285	0,006	0,009	0,271	FALSE
0,047	0,300	0,002	0,008	0,088	FALSE
-0,029	0,303	-0,002	0,012	0,044	FALSE
0,015	0,318	0,000	0,009	0,005	FALSE
-0,005	0,320	-0,001	0,009	0,024	FALSE
0,059	0,313	0,003	0,012	0,093	FALSE
-0,052	0,288	-0,002	0,011	0,056	FALSE
0,014	0,287	0,001	0,010	0,020	FALSE
-0,074	0,301	-0,003	0,012	0,089	FALSE
-0,089	0,323	-0,004	0,012	0,123	FALSE
-0,001	0,293	0,000	0,007	0,021	FALSE
-0,001	0,325	0,000	0,008	0,018	FALSE
-0,013	0,298	0,000	0,007	0,002	FALSE
0,033	0,318	0,001	0,009	0,053	FALSE
0,000	0,293	0,000	0,007	0,003	FALSE
-0,066	0,300	-0,002	0,008	0,075	FALSE
-0,082	0,321	-0,002	0,007	0,115	FALSE
0,108	0,307	0,005	0,012	0,191	FALSE
0,136	0,318	0,006	0,013	0,188	FALSE
0,131	0,304	0,006	0,013	0,196	FALSE
-0,017	0,303	-0,001	0,009	0,056	FALSE
-0,137	0,306	-0,003	0,007	0,190	FALSE
-0,048	0,311	-0,002	0,007	0,082	FALSE
-0,030	0,308	0,000	0,011	0,013	FALSE
-0,057	0,303	-0,003	0,012	0,084	FALSE
0,000	0,304	0,000	0,007	0,016	FALSE
-0,123	0,299	-0,002	0,007	0,140	FALSE
0,066	0,303	0,002	0,012	0,080	FALSE
0,060	0,316	0,003	0,012	0,079	FALSE
0,029	0,311	0,001	0,012	0,024	FALSE
-0,023	0,309	-0,001	0,012	0,045	FALSE
0,108	0,298	0,002	0,007	0,141	FALSE
0,029	0,323	0,000	0,009	0,007	FALSE
0,068	0,312	0,001	0,008	0,054	FALSE
-0,014	0,311	0,000	0,012	0,001	FALSE
0,018	0,312	0,001	0,007	0,038	FALSE
0,051	0,308	0,002	0,009	0,062	FALSE
0,063	0,307	0,002	0,008	0,068	FALSE
-0,005	0,322	0,000	0,009	0,006	FALSE
0,106	0,313	0,004	0,011	0,162	FALSE
0,011	0,300	0,000	0,008	0,017	FALSE
0,023	0,318	0,001	0,009	0,035	FALSE
0,039	0,308	0,000	0,008	0,022	FALSE
-0,019	0,319	0,000	0,009	0,001	FALSE
-0,056	0,291	-0,002	0,013	0,044	FALSE
0,015	0,293	0,001	0,011	0,043	FALSE
-0,031	0,315	0,000	0,006	0,027	FALSE
-0,028	0,318	0,000	0,014	0,013	FALSE
-0,043	0,306	-0,002	0,012	0,060	FALSE
-0,154	0,301	-0,004	0,009	0,199	FALSE

0,014	0,309	0,000	0,011	0,011	FALSE
0,023	0,306	0,002	0,011	0,060	FALSE
-0,103	0,301	-0,005	0,013	0,160	FALSE
-0,089	0,296	-0,002	0,007	0,127	FALSE
0,049	0,302	0,002	0,012	0,070	FALSE
0,033	0,314	0,000	0,010	0,016	FALSE
-0,012	0,301	0,000	0,010	0,001	FALSE
0,035	0,302	0,002	0,011	0,054	FALSE
-0,072	0,325	-0,002	0,010	0,090	FALSE
0,000	0,316	0,000	0,010	0,008	FALSE
0,026	0,318	0,001	0,011	0,024	FALSE
-0,030	0,311	-0,001	0,008	0,040	FALSE
0,023	0,319	0,001	0,011	0,026	FALSE
-0,032	0,301	-0,001	0,007	0,035	FALSE
0,102	0,300	0,002	0,007	0,104	FALSE
-0,029	0,306	-0,001	0,007	0,048	FALSE
-0,090	0,296	-0,002	0,007	0,095	FALSE
0,153	0,307	0,005	0,011	0,196	FALSE
-0,036	0,308	0,000	0,008	0,012	FALSE
-0,140	0,316	-0,004	0,010	0,182	FALSE
0,092	0,300	0,002	0,009	0,094	FALSE
0,058	0,299	0,002	0,012	0,051	FALSE
-0,073	0,307	-0,002	0,011	0,053	FALSE
0,006	0,316	0,000	0,009	0,008	FALSE
-0,099	0,302	-0,002	0,007	0,129	FALSE
-0,060	0,310	-0,001	0,008	0,059	FALSE
-0,025	0,313	0,000	0,009	0,012	FALSE
0,071	0,291	0,002	0,012	0,053	FALSE
0,066	0,309	0,002	0,013	0,059	FALSE
-0,008	0,321	-0,001	0,012	0,044	FALSE
-0,027	0,312	-0,001	0,012	0,022	FALSE
0,021	0,307	0,000	0,012	0,003	FALSE
0,055	0,292	0,001	0,010	0,029	FALSE
-0,102	0,296	-0,003	0,011	0,122	FALSE
-0,018	0,314	0,000	0,007	0,026	FALSE
0,025	0,315	0,001	0,010	0,043	FALSE
-0,025	0,312	-0,001	0,008	0,040	FALSE
0,146	0,309	0,004	0,010	0,176	FALSE
0,219	0,292	0,010	0,013	0,355	FALSE
0,034	0,311	0,001	0,008	0,044	FALSE
-0,070	0,309	-0,002	0,011	0,061	FALSE
-0,012	0,314	0,000	0,012	0,006	FALSE
0,010	0,307	0,001	0,011	0,023	FALSE
0,009	0,309	0,001	0,010	0,054	FALSE
0,092	0,313	0,003	0,012	0,108	FALSE
0,069	0,317	0,002	0,009	0,097	FALSE
-0,007	0,301	0,000	0,012	0,014	FALSE
-0,104	0,295	-0,005	0,012	0,191	FALSE
-0,067	0,297	-0,004	0,012	0,136	FALSE
-0,069	0,289	-0,004	0,012	0,127	FALSE
-0,077	0,302	-0,004	0,012	0,132	FALSE
-0,085	0,306	-0,004	0,012	0,143	FALSE
-0,047	0,289	-0,003	0,011	0,108	FALSE

0,024	0,313	0,001	0,007	0,047	FALSE
-0,059	0,312	-0,001	0,009	0,057	FALSE
-0,024	0,299	0,000	0,013	0,002	FALSE
-0,040	0,335	-0,002	0,013	0,044	FALSE
-0,054	0,305	-0,003	0,012	0,082	FALSE
0,028	0,307	0,001	0,009	0,023	FALSE
-0,004	0,310	-0,001	0,012	0,017	FALSE
-0,007	0,305	-0,001	0,012	0,028	FALSE
0,000	0,315	0,000	0,012	0,004	FALSE
-0,161	0,307	-0,003	0,007	0,208	FALSE
0,084	0,297	0,003	0,009	0,109	FALSE
-0,082	0,303	-0,002	0,007	0,084	FALSE
-0,035	0,305	-0,001	0,010	0,057	FALSE
0,069	0,294	0,001	0,008	0,070	FALSE
-0,023	0,317	-0,002	0,013	0,065	FALSE
0,031	0,316	0,001	0,010	0,043	FALSE
0,049	0,307	0,002	0,010	0,078	FALSE
0,072	0,299	0,003	0,009	0,104	FALSE
0,060	0,314	0,002	0,008	0,072	FALSE
-0,063	0,310	-0,002	0,011	0,052	FALSE
-0,069	0,306	-0,002	0,009	0,096	FALSE
-0,097	0,308	-0,004	0,011	0,124	FALSE
0,018	0,299	0,000	0,008	0,013	FALSE
0,037	0,314	0,001	0,010	0,049	FALSE
-0,018	0,300	0,000	0,009	0,009	FALSE
0,090	0,312	0,003	0,011	0,124	FALSE
0,113	0,296	0,004	0,009	0,183	FALSE
-0,129	0,307	-0,005	0,010	0,202	FALSE
0,076	0,296	0,002	0,006	0,100	FALSE
0,099	0,303	0,004	0,011	0,133	FALSE
0,075	0,308	0,002	0,012	0,072	FALSE
0,036	0,310	0,001	0,012	0,023	FALSE
0,137	0,302	0,005	0,013	0,167	FALSE
-0,031	0,317	-0,001	0,010	0,030	FALSE
-0,009	0,314	-0,001	0,013	0,022	FALSE
0,145	0,295	0,004	0,008	0,246	FALSE
0,044	0,312	0,000	0,007	0,026	FALSE
0,124	0,292	0,005	0,011	0,192	FALSE
-0,082	0,312	-0,002	0,008	0,090	FALSE
-0,025	0,305	-0,001	0,010	0,020	FALSE
0,080	0,313	0,002	0,007	0,120	FALSE
0,045	0,317	0,002	0,011	0,079	FALSE
0,094	0,306	0,003	0,011	0,102	FALSE
-0,152	0,306	-0,004	0,008	0,209	FALSE
0,138	0,309	0,007	0,012	0,231	FALSE
0,086	0,295	0,003	0,009	0,141	FALSE
0,190	0,308	0,009	0,013	0,297	FALSE
-0,079	0,306	-0,002	0,007	0,122	FALSE
0,099	0,311	0,006	0,013	0,175	FALSE
0,014	0,307	0,001	0,008	0,030	FALSE
-0,002	0,311	0,000	0,008	0,010	FALSE
-0,039	0,316	-0,001	0,008	0,049	FALSE
-0,084	0,310	-0,002	0,007	0,104	FALSE

-0,055	0,306	-0,001	0,009	0,052	FALSE
-0,072	0,313	-0,001	0,007	0,075	FALSE
0,095	0,301	0,004	0,011	0,121	FALSE
0,080	0,302	0,004	0,012	0,111	FALSE
-0,101	0,307	-0,003	0,007	0,161	FALSE
0,005	0,312	0,000	0,007	0,003	FALSE
0,093	0,301	0,003	0,010	0,117	FALSE
0,110	0,305	0,003	0,010	0,137	FALSE
0,030	0,292	0,001	0,012	0,031	FALSE
0,102	0,308	0,003	0,010	0,114	FALSE
-0,035	0,315	-0,001	0,008	0,033	FALSE
0,048	0,319	0,001	0,010	0,043	FALSE
-0,053	0,299	-0,001	0,008	0,031	FALSE
-0,041	0,307	-0,002	0,012	0,078	FALSE
0,041	0,300	0,002	0,011	0,072	FALSE
-0,133	0,316	-0,004	0,009	0,182	FALSE
0,021	0,299	0,001	0,011	0,033	FALSE
0,116	0,317	0,002	0,006	0,139	FALSE
-0,083	0,309	-0,002	0,008	0,107	FALSE
-0,039	0,303	-0,001	0,009	0,027	FALSE
-0,022	0,308	-0,001	0,007	0,030	FALSE
0,042	0,322	0,002	0,008	0,089	FALSE
-0,020	0,306	0,000	0,007	0,006	FALSE
-0,025	0,314	0,000	0,009	0,005	FALSE
-0,006	0,309	0,000	0,009	0,013	FALSE
-0,040	0,309	-0,001	0,009	0,047	FALSE
0,034	0,319	0,001	0,009	0,035	FALSE
-0,006	0,317	0,000	0,008	0,013	FALSE
0,076	0,310	0,002	0,009	0,091	FALSE
-0,039	0,301	-0,001	0,007	0,060	FALSE
-0,040	0,315	-0,001	0,008	0,036	FALSE
-0,052	0,299	-0,001	0,008	0,041	FALSE
0,113	0,309	0,005	0,011	0,176	FALSE
-0,127	0,305	-0,003	0,007	0,173	FALSE
-0,115	0,303	-0,003	0,007	0,146	FALSE
0,007	0,297	0,001	0,006	0,029	FALSE
0,031	0,314	0,001	0,007	0,034	FALSE
0,029	0,309	0,002	0,013	0,054	FALSE
-0,126	0,295	-0,005	0,013	0,162	FALSE
-0,025	0,310	-0,001	0,008	0,022	FALSE
-0,089	0,311	-0,002	0,007	0,110	FALSE
-0,113	0,300	-0,004	0,012	0,127	FALSE
0,152	0,298	0,005	0,012	0,189	FALSE
-0,051	0,319	-0,003	0,012	0,079	FALSE
-0,047	0,306	-0,001	0,006	0,046	FALSE
0,008	0,313	0,001	0,008	0,024	FALSE
-0,133	0,306	-0,004	0,009	0,204	FALSE
-0,007	0,318	0,000	0,013	0,010	FALSE
0,015	0,311	0,000	0,008	0,011	FALSE
-0,031	0,304	-0,001	0,012	0,040	FALSE
-0,009	0,307	0,000	0,011	0,001	FALSE
-0,023	0,318	-0,001	0,011	0,032	FALSE
-0,007	0,305	0,000	0,012	0,000	FALSE

0,025	0,305	0,001	0,010	0,040	FALSE
0,041	0,302	0,001	0,012	0,030	FALSE
-0,073	0,293	-0,004	0,009	0,159	FALSE
-0,074	0,306	-0,003	0,009	0,140	FALSE
0,072	0,313	0,003	0,011	0,122	FALSE
-0,121	0,310	-0,004	0,009	0,195	FALSE
-0,075	0,305	-0,002	0,011	0,064	FALSE
-0,099	0,319	-0,005	0,013	0,140	FALSE
0,004	0,307	0,001	0,008	0,056	FALSE
-0,066	0,330	-0,002	0,011	0,082	FALSE
-0,061	0,314	-0,002	0,012	0,071	FALSE
0,101	0,308	0,006	0,012	0,186	FALSE
0,109	0,312	0,005	0,013	0,169	FALSE
0,089	0,310	0,005	0,013	0,144	FALSE
0,026	0,296	0,000	0,006	0,013	FALSE
0,047	0,303	0,001	0,007	0,068	FALSE
0,014	0,320	0,000	0,011	0,009	FALSE
0,101	0,302	0,005	0,011	0,184	FALSE
0,075	0,307	0,002	0,009	0,081	FALSE
-0,011	0,303	0,000	0,008	0,002	FALSE
0,117	0,302	0,003	0,007	0,178	FALSE
-0,075	0,304	-0,002	0,008	0,083	FALSE
-0,049	0,304	-0,001	0,007	0,058	FALSE
0,020	0,319	0,000	0,009	0,004	FALSE
-0,054	0,301	-0,003	0,011	0,087	FALSE
0,016	0,312	0,000	0,008	0,007	FALSE
-0,177	0,299	-0,008	0,013	0,275	FALSE
-0,076	0,314	-0,003	0,009	0,111	FALSE
-0,057	0,306	-0,002	0,009	0,090	FALSE
-0,015	0,309	0,000	0,012	0,014	FALSE
0,047	0,319	0,001	0,007	0,075	FALSE
0,051	0,312	0,001	0,007	0,081	FALSE
-0,011	0,318	0,000	0,009	0,000	FALSE
0,002	0,319	0,001	0,009	0,032	FALSE
0,049	0,304	0,002	0,007	0,079	FALSE
-0,026	0,312	-0,001	0,008	0,061	FALSE
0,091	0,293	0,002	0,006	0,130	FALSE
-0,019	0,299	-0,001	0,012	0,039	FALSE
-0,147	0,292	-0,005	0,008	0,251	FALSE
-0,126	0,305	-0,004	0,008	0,190	FALSE
-0,122	0,313	-0,003	0,007	0,165	FALSE
-0,123	0,276	-0,006	0,012	0,203	FALSE
-0,070	0,300	-0,003	0,012	0,091	FALSE
-0,083	0,299	-0,003	0,011	0,095	FALSE
-0,069	0,299	-0,003	0,012	0,087	FALSE
0,058	0,292	0,002	0,007	0,088	FALSE
-0,020	0,304	-0,001	0,008	0,024	FALSE
-0,112	0,316	-0,006	0,014	0,197	FALSE
0,030	0,312	0,001	0,009	0,052	FALSE
-0,077	0,301	-0,002	0,007	0,091	FALSE
-0,092	0,298	-0,003	0,011	0,109	FALSE
-0,070	0,313	-0,002	0,007	0,092	FALSE
-0,032	0,314	-0,001	0,006	0,045	FALSE

-0,071	0,314	-0,003	0,013	0,097	FALSE
0,041	0,313	0,001	0,013	0,018	FALSE
0,125	0,303	0,005	0,012	0,158	FALSE
-0,090	0,309	-0,003	0,011	0,097	FALSE
-0,064	0,302	-0,002	0,013	0,061	FALSE
-0,030	0,307	-0,001	0,007	0,047	FALSE
-0,002	0,316	-0,001	0,010	0,026	FALSE
0,061	0,298	0,003	0,012	0,100	FALSE
-0,052	0,308	-0,002	0,009	0,088	FALSE
0,038	0,316	0,001	0,011	0,051	FALSE
0,041	0,314	0,001	0,007	0,029	FALSE
0,037	0,315	0,001	0,008	0,034	FALSE
-0,137	0,294	-0,004	0,009	0,193	FALSE
0,007	0,311	0,001	0,009	0,033	FALSE
-0,049	0,309	-0,001	0,007	0,063	FALSE
-0,030	0,301	-0,001	0,007	0,030	FALSE
0,073	0,295	0,004	0,011	0,141	FALSE
0,128	0,298	0,004	0,009	0,164	FALSE
-0,115	0,304	-0,004	0,010	0,163	FALSE
-0,147	0,286	-0,006	0,011	0,228	FALSE
-0,176	0,282	-0,007	0,011	0,303	FALSE
-0,144	0,299	-0,006	0,011	0,224	FALSE
0,107	0,310	0,005	0,013	0,152	FALSE
-0,025	0,314	0,000	0,009	0,012	FALSE
-0,092	0,292	-0,003	0,009	0,124	FALSE
0,162	0,308	0,005	0,010	0,220	FALSE
0,031	0,311	0,001	0,011	0,020	FALSE
-0,173	0,295	-0,007	0,012	0,246	FALSE
-0,164	0,307	-0,006	0,012	0,230	FALSE
0,033	0,310	0,001	0,009	0,047	FALSE
0,154	0,284	0,004	0,008	0,226	FALSE
0,060	0,326	0,003	0,013	0,074	FALSE
0,083	0,302	0,003	0,009	0,118	FALSE
0,114	0,292	0,004	0,009	0,196	FALSE
-0,039	0,299	-0,003	0,013	0,087	FALSE
0,073	0,313	0,002	0,009	0,094	FALSE
-0,086	0,306	-0,003	0,011	0,106	FALSE
0,101	0,303	0,006	0,012	0,202	FALSE
0,019	0,317	0,002	0,009	0,076	FALSE
0,043	0,315	0,001	0,011	0,026	FALSE
0,003	0,309	0,000	0,008	0,002	FALSE
-0,106	0,304	-0,002	0,007	0,115	FALSE
-0,051	0,305	-0,001	0,006	0,080	FALSE
-0,028	0,309	-0,001	0,009	0,051	FALSE
0,044	0,309	0,001	0,011	0,037	FALSE
-0,023	0,312	-0,001	0,012	0,041	FALSE
-0,024	0,323	-0,002	0,013	0,043	FALSE
-0,085	0,321	-0,002	0,007	0,116	FALSE
0,003	0,301	0,000	0,009	0,004	FALSE
0,016	0,292	0,000	0,008	0,006	FALSE
0,009	0,299	-0,001	0,008	0,023	FALSE
0,014	0,301	0,000	0,008	0,013	FALSE
0,079	0,298	0,002	0,011	0,085	FALSE

0,037	0,316	0,001	0,010	0,037	FALSE
-0,048	0,327	-0,002	0,011	0,071	FALSE
-0,029	0,292	-0,002	0,012	0,063	FALSE
0,066	0,315	0,003	0,010	0,115	FALSE
-0,121	0,305	-0,003	0,007	0,170	FALSE
0,251	0,287	0,006	0,007	0,386	FALSE
-0,073	0,293	-0,003	0,012	0,097	FALSE
0,035	0,302	0,001	0,009	0,030	FALSE
0,000	0,285	0,000	0,013	0,006	FALSE
0,022	0,308	0,000	0,007	0,018	FALSE
0,069	0,315	0,003	0,011	0,086	FALSE
0,032	0,317	0,001	0,009	0,057	FALSE
0,039	0,316	0,001	0,014	0,021	FALSE
-0,011	0,307	0,001	0,010	0,018	FALSE
-0,125	0,301	-0,003	0,007	0,180	FALSE
0,001	0,322	0,000	0,011	0,002	FALSE
-0,081	0,311	-0,002	0,008	0,086	FALSE
-0,088	0,305	-0,002	0,007	0,123	FALSE
0,000	0,299	0,000	0,008	0,001	FALSE
0,060	0,306	0,002	0,007	0,080	FALSE
0,016	0,311	0,001	0,010	0,046	FALSE
0,083	0,305	0,002	0,008	0,102	FALSE
0,023	0,317	0,001	0,012	0,025	FALSE
0,086	0,304	0,004	0,012	0,124	FALSE
-0,073	0,308	-0,002	0,008	0,090	FALSE
0,020	0,314	0,000	0,009	0,012	FALSE
-0,018	0,306	0,000	0,013	0,003	FALSE
0,050	0,297	0,001	0,007	0,072	FALSE
0,050	0,308	0,002	0,007	0,085	FALSE
0,062	0,308	0,002	0,012	0,070	FALSE
0,006	0,304	0,000	0,012	0,005	FALSE
0,055	0,307	0,002	0,009	0,103	FALSE
0,076	0,298	0,002	0,007	0,124	FALSE
0,066	0,305	0,002	0,007	0,111	FALSE
0,076	0,314	0,002	0,009	0,073	FALSE
-0,012	0,301	0,000	0,009	0,001	FALSE
0,101	0,312	0,003	0,012	0,112	FALSE
-0,085	0,321	-0,002	0,007	0,094	FALSE
0,038	0,316	0,001	0,007	0,064	FALSE
-0,063	0,296	-0,002	0,012	0,068	FALSE
0,001	0,298	0,000	0,007	0,001	FALSE
-0,030	0,319	-0,001	0,009	0,024	FALSE
-0,042	0,307	-0,002	0,012	0,068	FALSE
-0,038	0,320	-0,001	0,010	0,040	FALSE
0,135	0,316	0,004	0,008	0,176	FALSE
0,039	0,307	0,001	0,013	0,035	FALSE
0,029	0,310	0,002	0,012	0,049	FALSE
0,052	0,313	0,001	0,008	0,064	FALSE
-0,011	0,315	0,000	0,012	0,009	FALSE
-0,068	0,302	-0,002	0,009	0,089	FALSE
0,037	0,308	0,002	0,011	0,082	FALSE
-0,010	0,300	0,001	0,011	0,026	FALSE
0,032	0,321	0,001	0,011	0,043	FALSE

-0,026	0,291	-0,001	0,012	0,027	FALSE
0,026	0,307	0,001	0,012	0,022	FALSE
0,081	0,306	0,003	0,011	0,113	FALSE
0,015	0,312	0,001	0,011	0,035	FALSE
0,031	0,311	0,001	0,010	0,028	FALSE
-0,049	0,307	-0,001	0,009	0,053	FALSE
-0,093	0,315	-0,003	0,010	0,131	FALSE
0,060	0,300	0,003	0,012	0,082	FALSE
0,051	0,304	0,002	0,013	0,066	FALSE
0,103	0,318	0,003	0,008	0,139	FALSE
0,071	0,311	0,001	0,008	0,061	FALSE
0,064	0,311	0,001	0,009	0,059	FALSE
0,126	0,309	0,004	0,012	0,142	FALSE
0,106	0,317	0,003	0,011	0,110	FALSE
0,072	0,313	0,002	0,007	0,112	FALSE
-0,002	0,317	0,000	0,007	0,015	FALSE
-0,097	0,295	-0,002	0,007	0,088	FALSE
0,009	0,310	0,000	0,012	0,008	FALSE
0,005	0,299	0,001	0,013	0,027	FALSE
0,025	0,297	0,001	0,009	0,051	FALSE
-0,077	0,310	-0,002	0,008	0,092	FALSE
0,016	0,321	0,001	0,010	0,029	FALSE
-0,081	0,300	-0,003	0,011	0,098	FALSE
0,052	0,312	0,002	0,013	0,060	FALSE
0,017	0,303	0,001	0,013	0,017	FALSE
-0,049	0,317	-0,002	0,013	0,065	FALSE
0,056	0,305	0,002	0,012	0,058	FALSE
0,040	0,305	0,002	0,012	0,063	FALSE
0,118	0,308	0,003	0,007	0,190	FALSE
0,004	0,307	0,000	0,008	0,008	FALSE
0,024	0,294	0,001	0,008	0,026	FALSE
0,015	0,313	0,000	0,012	0,011	FALSE
0,131	0,297	0,002	0,006	0,135	FALSE
-0,006	0,316	0,000	0,011	0,012	FALSE
0,031	0,301	0,000	0,007	0,023	FALSE
0,028	0,311	0,001	0,007	0,027	FALSE
0,061	0,307	0,001	0,008	0,057	FALSE
0,038	0,295	0,002	0,008	0,086	FALSE
0,045	0,295	0,002	0,007	0,103	FALSE
-0,112	0,311	-0,004	0,010	0,137	FALSE
-0,096	0,305	-0,004	0,010	0,149	FALSE
-0,026	0,309	-0,001	0,007	0,028	FALSE
-0,035	0,297	-0,001	0,007	0,048	FALSE
0,023	0,303	0,000	0,007	0,025	FALSE
-0,132	0,319	-0,005	0,012	0,168	FALSE
-0,178	0,297	-0,006	0,011	0,228	FALSE
-0,159	0,303	-0,004	0,008	0,192	FALSE
-0,060	0,315	-0,001	0,006	0,055	FALSE
-0,192	0,311	-0,008	0,012	0,277	FALSE
-0,036	0,302	-0,001	0,009	0,056	FALSE
0,060	0,302	0,002	0,013	0,054	FALSE
0,068	0,300	0,002	0,013	0,072	FALSE
-0,018	0,319	-0,001	0,012	0,038	FALSE

-0,030	0,307	0,000	0,012	0,014	FALSE
0,112	0,308	0,002	0,007	0,151	FALSE
-0,141	0,314	-0,003	0,008	0,189	FALSE
0,074	0,306	0,003	0,012	0,077	FALSE
0,129	0,307	0,003	0,006	0,189	FALSE
-0,072	0,316	-0,002	0,010	0,083	FALSE
-0,009	0,310	0,000	0,007	0,016	FALSE
0,033	0,313	0,001	0,007	0,047	FALSE
0,029	0,307	0,000	0,006	0,020	FALSE
0,043	0,303	0,002	0,012	0,055	FALSE
-0,136	0,308	-0,005	0,011	0,180	FALSE
-0,044	0,304	-0,002	0,012	0,059	FALSE
-0,035	0,302	-0,002	0,012	0,059	FALSE
-0,064	0,317	-0,002	0,009	0,082	FALSE
0,097	0,300	0,003	0,008	0,139	FALSE
0,006	0,315	0,000	0,009	0,015	FALSE
-0,009	0,314	0,000	0,010	0,009	FALSE
0,010	0,313	0,000	0,006	0,014	FALSE
-0,083	0,302	-0,003	0,010	0,127	FALSE
-0,014	0,318	0,000	0,009	0,001	FALSE
0,140	0,317	0,003	0,007	0,153	FALSE
-0,029	0,323	0,000	0,010	0,005	FALSE
0,074	0,294	0,003	0,009	0,118	FALSE
0,062	0,303	0,002	0,009	0,082	FALSE
-0,106	0,294	-0,005	0,013	0,165	FALSE
0,057	0,313	0,002	0,010	0,064	FALSE
-0,059	0,308	-0,002	0,008	0,088	FALSE
-0,097	0,316	-0,002	0,008	0,103	FALSE
-0,064	0,305	-0,002	0,008	0,072	FALSE
0,000	0,306	0,000	0,008	0,015	FALSE
0,063	0,323	0,002	0,009	0,084	FALSE
0,202	0,313	0,007	0,010	0,326	FALSE
0,180	0,308	0,006	0,009	0,293	FALSE
0,064	0,319	0,002	0,011	0,071	FALSE
-0,140	0,303	-0,003	0,007	0,166	FALSE
0,065	0,305	0,003	0,010	0,120	FALSE
-0,049	0,306	-0,002	0,012	0,056	FALSE
0,137	0,302	0,005	0,012	0,190	FALSE
0,022	0,310	0,000	0,011	0,013	FALSE
-0,032	0,301	-0,001	0,007	0,063	FALSE
0,000	0,291	0,000	0,012	0,000	FALSE
0,001	0,301	0,000	0,010	0,001	FALSE
0,010	0,307	0,001	0,009	0,029	FALSE
-0,103	0,309	-0,004	0,012	0,151	FALSE
-0,065	0,316	-0,003	0,012	0,097	FALSE
-0,026	0,315	-0,001	0,008	0,039	FALSE
-0,057	0,320	-0,002	0,009	0,076	FALSE
-0,103	0,303	-0,002	0,007	0,147	FALSE
0,000	0,313	0,000	0,010	0,007	FALSE
0,104	0,301	0,002	0,007	0,128	FALSE
-0,006	0,310	0,000	0,010	0,011	FALSE
0,100	0,317	0,003	0,012	0,106	FALSE
-0,063	0,303	-0,002	0,009	0,087	FALSE

0,029	0,311	0,001	0,008	0,031	FALSE
-0,082	0,307	-0,002	0,007	0,126	FALSE
-0,015	0,307	-0,001	0,011	0,036	FALSE
0,047	0,311	0,003	0,013	0,078	FALSE
-0,042	0,287	-0,001	0,010	0,028	FALSE
-0,201	0,293	-0,005	0,007	0,296	FALSE
-0,198	0,308	-0,005	0,008	0,268	FALSE
-0,210	0,315	-0,007	0,011	0,295	FALSE
0,045	0,309	0,002	0,007	0,088	FALSE
0,000	0,299	0,000	0,007	0,019	FALSE
-0,102	0,296	-0,004	0,012	0,146	FALSE
0,018	0,309	0,001	0,011	0,024	FALSE
0,004	0,308	0,000	0,010	0,006	FALSE
-0,088	0,307	-0,003	0,012	0,110	FALSE
0,088	0,316	0,002	0,009	0,105	FALSE
0,048	0,308	0,003	0,013	0,075	FALSE
0,000	0,316	0,001	0,008	0,027	FALSE
0,121	0,297	0,003	0,008	0,186	FALSE
0,044	0,293	0,002	0,012	0,066	FALSE
0,025	0,298	0,001	0,012	0,030	FALSE
0,121	0,314	0,003	0,006	0,171	FALSE
0,106	0,322	0,002	0,007	0,141	FALSE
0,029	0,301	0,001	0,011	0,032	FALSE
0,035	0,300	0,000	0,011	0,015	FALSE
-0,104	0,298	-0,004	0,011	0,136	FALSE
-0,073	0,288	-0,002	0,011	0,064	FALSE
-0,059	0,317	-0,003	0,013	0,089	FALSE
-0,023	0,298	0,000	0,008	0,001	FALSE
0,004	0,309	0,000	0,008	0,015	FALSE
0,038	0,291	0,000	0,009	0,005	FALSE
-0,008	0,313	0,000	0,009	0,015	FALSE
0,041	0,313	0,002	0,013	0,052	FALSE
0,152	0,299	0,004	0,008	0,248	FALSE
-0,047	0,313	0,000	0,007	0,021	FALSE
0,070	0,304	0,002	0,008	0,079	FALSE
-0,044	0,304	-0,002	0,012	0,046	FALSE
0,120	0,308	0,003	0,008	0,156	FALSE
-0,026	0,307	0,000	0,006	0,027	FALSE
0,016	0,304	0,000	0,009	0,012	FALSE
0,121	0,295	0,005	0,012	0,175	FALSE
-0,055	0,301	-0,001	0,008	0,064	FALSE
0,142	0,299	0,003	0,007	0,184	FALSE
0,042	0,298	0,002	0,013	0,067	FALSE
0,023	0,315	0,001	0,013	0,035	FALSE
0,038	0,305	0,001	0,010	0,041	FALSE
0,000	0,301	0,000	0,008	0,015	FALSE
-0,010	0,306	-0,001	0,012	0,033	FALSE
0,028	0,299	0,000	0,006	0,007	FALSE
0,026	0,319	0,002	0,013	0,058	FALSE
0,101	0,299	0,003	0,006	0,159	FALSE
-0,065	0,307	-0,002	0,009	0,066	FALSE
0,074	0,281	0,002	0,007	0,143	FALSE
-0,044	0,312	-0,003	0,013	0,078	FALSE

-0,021	0,305	0,000	0,007	0,008	FALSE
-0,075	0,304	-0,003	0,009	0,117	FALSE
-0,080	0,319	-0,003	0,009	0,139	FALSE
0,027	0,323	0,001	0,007	0,060	FALSE
-0,079	0,311	-0,002	0,009	0,090	FALSE
-0,034	0,299	-0,001	0,008	0,056	FALSE
0,137	0,290	0,003	0,007	0,194	FALSE
-0,008	0,304	0,001	0,008	0,028	FALSE
-0,018	0,306	0,000	0,007	0,019	FALSE
-0,055	0,297	-0,002	0,012	0,079	FALSE
0,046	0,324	0,002	0,014	0,044	FALSE
-0,141	0,309	-0,003	0,007	0,188	FALSE
-0,010	0,305	0,000	0,008	0,011	FALSE
-0,053	0,288	-0,001	0,012	0,044	FALSE
-0,061	0,308	-0,002	0,009	0,065	FALSE
0,040	0,276	0,002	0,012	0,054	FALSE
0,017	0,315	0,001	0,013	0,014	FALSE
0,000	0,315	0,000	0,007	0,004	FALSE
0,105	0,307	0,002	0,007	0,117	FALSE
0,077	0,317	0,001	0,008	0,069	FALSE
0,041	0,306	0,001	0,011	0,032	FALSE
0,017	0,297	0,000	0,007	0,010	FALSE
0,067	0,309	0,003	0,013	0,082	FALSE
0,123	0,313	0,003	0,007	0,158	FALSE
-0,014	0,305	-0,001	0,010	0,039	FALSE
0,031	0,297	0,002	0,010	0,063	FALSE
0,104	0,302	0,003	0,007	0,165	FALSE
-0,071	0,313	-0,003	0,010	0,094	FALSE
-0,123	0,307	-0,005	0,013	0,174	FALSE
-0,009	0,306	0,000	0,007	0,019	FALSE
-0,098	0,301	-0,002	0,006	0,143	FALSE
-0,002	0,310	0,000	0,007	0,016	FALSE
0,010	0,305	0,000	0,010	0,012	FALSE
0,108	0,310	0,002	0,007	0,129	FALSE
0,005	0,299	0,000	0,007	0,005	FALSE
-0,082	0,310	-0,003	0,013	0,092	FALSE
0,056	0,313	0,003	0,012	0,080	FALSE
-0,033	0,293	0,000	0,011	0,004	FALSE
0,040	0,291	0,001	0,006	0,086	FALSE
0,051	0,305	0,002	0,006	0,093	FALSE
-0,048	0,305	-0,002	0,012	0,049	FALSE
-0,060	0,307	-0,002	0,013	0,070	FALSE
0,151	0,294	0,006	0,012	0,196	FALSE
-0,101	0,299	-0,002	0,010	0,083	FALSE
-0,107	0,298	-0,002	0,007	0,140	FALSE
-0,085	0,315	-0,003	0,013	0,099	FALSE
-0,043	0,295	0,000	0,006	0,028	FALSE
0,016	0,305	0,001	0,007	0,051	FALSE
-0,029	0,312	-0,001	0,012	0,023	FALSE
-0,045	0,306	-0,001	0,007	0,045	FALSE
-0,004	0,308	-0,001	0,009	0,023	FALSE
-0,018	0,311	0,000	0,007	0,020	FALSE
0,079	0,302	0,002	0,008	0,112	FALSE

-0,045	0,316	-0,001	0,007	0,045	FALSE
-0,054	0,302	-0,003	0,012	0,086	FALSE
0,042	0,305	0,001	0,011	0,045	FALSE
-0,001	0,322	0,000	0,008	0,007	FALSE
0,019	0,314	0,000	0,010	0,010	FALSE
-0,124	0,306	-0,004	0,011	0,155	FALSE
0,007	0,305	0,000	0,007	0,018	FALSE
-0,065	0,314	-0,001	0,009	0,053	FALSE
0,113	0,297	0,002	0,008	0,122	FALSE
0,065	0,307	0,003	0,009	0,128	FALSE
0,052	0,314	0,001	0,010	0,041	FALSE
-0,007	0,309	-0,001	0,012	0,019	FALSE
-0,028	0,306	-0,001	0,012	0,045	FALSE
-0,044	0,316	-0,002	0,013	0,045	FALSE
-0,060	0,317	-0,001	0,007	0,061	FALSE
0,089	0,302	0,002	0,008	0,117	FALSE
0,004	0,310	0,000	0,009	0,000	FALSE
-0,089	0,302	-0,003	0,010	0,105	FALSE
-0,001	0,319	0,001	0,012	0,016	FALSE
0,030	0,308	0,001	0,008	0,030	FALSE
0,002	0,311	0,001	0,013	0,019	FALSE
-0,095	0,302	-0,002	0,007	0,112	FALSE
0,079	0,305	0,003	0,011	0,094	FALSE
0,081	0,303	0,002	0,007	0,087	FALSE
0,074	0,313	0,002	0,008	0,095	FALSE
-0,002	0,305	0,000	0,011	0,012	FALSE
-0,156	0,309	-0,005	0,009	0,219	FALSE
-0,017	0,320	0,000	0,010	0,015	FALSE
0,074	0,305	0,002	0,006	0,094	FALSE
0,067	0,326	0,002	0,013	0,057	FALSE
0,038	0,305	0,001	0,012	0,039	FALSE
0,100	0,306	0,004	0,012	0,114	FALSE
0,072	0,316	0,002	0,007	0,114	FALSE
-0,079	0,318	-0,002	0,007	0,096	FALSE
-0,114	0,322	-0,004	0,012	0,150	FALSE
-0,082	0,317	-0,003	0,012	0,109	FALSE
0,043	0,312	0,001	0,006	0,066	FALSE
-0,010	0,323	-0,002	0,012	0,051	FALSE
-0,066	0,306	-0,002	0,007	0,103	FALSE
0,043	0,321	0,002	0,008	0,078	FALSE
-0,038	0,301	-0,001	0,013	0,027	FALSE
0,019	0,308	0,001	0,008	0,030	FALSE
-0,010	0,306	0,000	0,010	0,013	FALSE
0,014	0,309	0,000	0,007	0,019	FALSE
-0,060	0,311	-0,001	0,008	0,039	FALSE
0,054	0,295	0,001	0,006	0,070	FALSE
0,015	0,304	0,001	0,011	0,040	FALSE
0,067	0,306	0,003	0,012	0,083	FALSE
0,039	0,316	0,001	0,009	0,059	FALSE
0,032	0,316	0,002	0,011	0,061	FALSE
0,070	0,304	0,002	0,007	0,125	FALSE
0,126	0,300	0,004	0,007	0,220	FALSE
0,095	0,313	0,003	0,008	0,146	FALSE

0,025	0,297	0,001	0,007	0,028	FALSE
0,127	0,298	0,004	0,008	0,196	FALSE
0,056	0,295	0,002	0,009	0,074	FALSE
-0,049	0,310	-0,002	0,013	0,046	FALSE
-0,011	0,313	-0,001	0,011	0,017	FALSE
-0,057	0,287	-0,001	0,008	0,050	FALSE
0,090	0,316	0,002	0,008	0,092	FALSE
0,010	0,304	0,001	0,010	0,031	FALSE
0,041	0,292	0,001	0,007	0,061	FALSE
-0,037	0,298	-0,002	0,010	0,059	FALSE
0,030	0,295	0,001	0,007	0,041	FALSE
0,122	0,300	0,002	0,006	0,167	FALSE
-0,039	0,301	0,000	0,008	0,015	FALSE
-0,040	0,320	0,000	0,008	0,016	FALSE
-0,017	0,313	0,000	0,008	0,010	FALSE
-0,086	0,301	-0,003	0,010	0,114	FALSE
-0,054	0,319	-0,003	0,013	0,088	FALSE
-0,015	0,311	0,000	0,009	0,016	FALSE
-0,018	0,319	0,000	0,007	0,004	FALSE
0,063	0,311	0,001	0,013	0,041	FALSE
-0,056	0,316	-0,002	0,012	0,064	FALSE
-0,096	0,314	-0,003	0,011	0,121	FALSE
-0,058	0,320	-0,001	0,007	0,064	FALSE
-0,043	0,320	-0,002	0,009	0,090	FALSE
-0,031	0,325	-0,001	0,011	0,038	FALSE
-0,050	0,314	-0,002	0,013	0,067	FALSE
0,129	0,311	0,004	0,011	0,160	FALSE
0,027	0,304	0,001	0,010	0,028	FALSE
0,065	0,296	0,003	0,008	0,121	FALSE
0,073	0,299	0,003	0,013	0,098	FALSE
0,059	0,311	0,002	0,009	0,077	FALSE
0,065	0,315	0,002	0,009	0,078	FALSE
0,083	0,316	0,003	0,011	0,103	FALSE
-0,123	0,312	-0,005	0,013	0,170	FALSE
0,016	0,310	0,002	0,012	0,058	FALSE
-0,010	0,295	-0,001	0,010	0,020	FALSE
0,028	0,306	0,000	0,010	0,016	FALSE
0,003	0,300	0,000	0,010	0,008	FALSE
0,069	0,316	0,001	0,006	0,066	FALSE
-0,089	0,299	-0,004	0,012	0,120	FALSE
-0,043	0,312	-0,001	0,010	0,020	FALSE
0,031	0,313	0,002	0,012	0,049	FALSE
0,065	0,297	0,001	0,007	0,046	FALSE
-0,105	0,305	-0,002	0,007	0,137	FALSE
-0,044	0,311	-0,002	0,012	0,056	FALSE
-0,088	0,303	-0,002	0,006	0,126	FALSE
0,060	0,321	0,003	0,012	0,088	FALSE
0,022	0,315	0,001	0,007	0,047	FALSE
0,004	0,310	0,001	0,008	0,066	FALSE
-0,114	0,315	-0,003	0,009	0,146	FALSE
0,073	0,305	0,001	0,007	0,068	FALSE
-0,056	0,315	-0,002	0,012	0,064	FALSE
0,027	0,303	0,000	0,007	0,013	FALSE

0,021	0,314	0,001	0,013	0,026	FALSE
0,116	0,291	0,004	0,012	0,150	FALSE
0,046	0,305	0,001	0,012	0,037	FALSE
0,040	0,299	0,001	0,012	0,035	FALSE
0,029	0,303	0,001	0,013	0,024	FALSE
-0,048	0,309	-0,002	0,011	0,062	FALSE
0,034	0,299	0,002	0,008	0,076	FALSE
-0,055	0,301	0,000	0,009	0,018	FALSE
0,016	0,295	0,000	0,006	0,002	FALSE
-0,048	0,290	-0,001	0,012	0,030	FALSE
-0,018	0,302	-0,001	0,008	0,027	FALSE
0,039	0,321	0,002	0,013	0,046	FALSE
-0,089	0,314	-0,002	0,007	0,123	FALSE
0,067	0,305	0,003	0,013	0,077	FALSE
-0,118	0,321	-0,003	0,008	0,155	FALSE
-0,082	0,315	-0,002	0,007	0,104	FALSE
-0,008	0,312	0,000	0,013	0,009	FALSE
0,068	0,307	0,002	0,009	0,086	FALSE
-0,098	0,309	-0,004	0,012	0,137	FALSE
0,031	0,301	0,001	0,010	0,046	FALSE
0,081	0,296	0,003	0,011	0,112	FALSE
0,054	0,306	0,002	0,012	0,060	FALSE
0,034	0,314	0,000	0,013	0,013	FALSE
0,008	0,328	0,000	0,013	0,001	FALSE
-0,009	0,314	-0,001	0,007	0,040	FALSE
-0,049	0,318	-0,001	0,007	0,080	FALSE
-0,001	0,302	0,000	0,006	0,004	FALSE
-0,175	0,299	-0,007	0,012	0,269	FALSE
0,015	0,302	0,000	0,007	0,021	FALSE
0,092	0,318	0,002	0,007	0,096	FALSE
0,066	0,317	0,002	0,009	0,088	FALSE
-0,030	0,307	0,000	0,009	0,003	FALSE
0,008	0,301	0,001	0,009	0,048	FALSE
-0,028	0,298	0,000	0,009	0,009	FALSE
-0,162	0,297	-0,004	0,008	0,230	FALSE
-0,036	0,316	-0,002	0,012	0,059	FALSE
-0,110	0,298	-0,003	0,009	0,126	FALSE
-0,106	0,319	-0,003	0,010	0,134	FALSE
-0,058	0,308	-0,002	0,011	0,059	FALSE
-0,009	0,302	0,000	0,007	0,019	FALSE
0,044	0,305	0,001	0,008	0,064	FALSE
0,089	0,320	0,003	0,008	0,153	FALSE
-0,004	0,309	0,000	0,008	0,014	FALSE
0,021	0,323	0,000	0,007	0,012	FALSE
0,020	0,308	0,001	0,008	0,052	FALSE
0,039	0,296	0,002	0,010	0,075	FALSE
-0,149	0,306	-0,003	0,007	0,196	FALSE
0,138	0,295	0,005	0,012	0,164	FALSE
0,094	0,300	0,003	0,010	0,129	FALSE
0,001	0,321	0,000	0,011	0,005	FALSE
-0,019	0,299	0,000	0,006	0,006	FALSE
-0,100	0,302	-0,003	0,008	0,164	FALSE
-0,071	0,301	-0,002	0,008	0,116	FALSE

-0,079	0,302	-0,001	0,007	0,064	FALSE
-0,085	0,300	-0,002	0,009	0,095	FALSE
-0,040	0,310	-0,001	0,010	0,038	FALSE
-0,046	0,305	-0,001	0,007	0,033	FALSE
0,007	0,305	0,000	0,009	0,003	FALSE
-0,073	0,306	-0,002	0,007	0,092	FALSE
0,031	0,317	0,001	0,010	0,029	FALSE
-0,068	0,319	-0,002	0,007	0,120	FALSE
-0,099	0,310	-0,004	0,013	0,106	FALSE
-0,016	0,309	0,000	0,007	0,015	FALSE
0,091	0,305	0,002	0,006	0,121	FALSE
-0,031	0,306	-0,001	0,006	0,038	FALSE
0,065	0,303	0,001	0,007	0,069	FALSE
-0,106	0,295	-0,006	0,013	0,185	FALSE
0,093	0,315	0,004	0,011	0,142	FALSE
-0,069	0,315	-0,003	0,011	0,092	FALSE
0,021	0,300	0,000	0,008	0,002	FALSE
-0,039	0,292	-0,002	0,011	0,061	FALSE
0,057	0,303	0,003	0,010	0,094	FALSE
-0,035	0,308	-0,002	0,009	0,086	FALSE
0,105	0,305	0,003	0,010	0,119	FALSE
0,036	0,305	0,001	0,012	0,017	FALSE
0,024	0,307	0,000	0,009	0,014	FALSE
-0,060	0,304	-0,002	0,012	0,076	FALSE
-0,098	0,300	-0,004	0,012	0,138	FALSE
0,141	0,293	0,007	0,011	0,266	FALSE
-0,124	0,311	-0,004	0,010	0,171	FALSE
0,136	0,296	0,003	0,006	0,171	FALSE
-0,103	0,303	-0,004	0,012	0,120	FALSE
-0,011	0,318	0,000	0,009	0,019	FALSE
0,063	0,311	0,002	0,009	0,084	FALSE
0,068	0,307	0,003	0,009	0,109	FALSE
0,030	0,291	0,001	0,008	0,043	FALSE
-0,060	0,321	-0,001	0,007	0,072	FALSE
-0,098	0,298	-0,003	0,008	0,118	FALSE
-0,105	0,314	-0,002	0,007	0,122	FALSE
-0,100	0,313	-0,003	0,008	0,138	FALSE
0,060	0,301	0,002	0,008	0,090	FALSE
0,083	0,306	0,003	0,011	0,095	FALSE
-0,134	0,306	-0,003	0,006	0,188	FALSE
-0,187	0,302	-0,009	0,012	0,311	FALSE
-0,006	0,320	0,000	0,008	0,014	FALSE
0,148	0,291	0,004	0,008	0,225	FALSE
-0,030	0,310	-0,001	0,011	0,024	FALSE
-0,013	0,303	0,000	0,012	0,009	FALSE
0,071	0,317	0,003	0,013	0,089	FALSE
-0,085	0,311	-0,003	0,012	0,085	FALSE
-0,086	0,311	-0,003	0,013	0,082	FALSE
-0,074	0,302	-0,003	0,013	0,089	FALSE
0,034	0,306	0,001	0,009	0,029	FALSE
0,045	0,299	0,001	0,009	0,044	FALSE
0,100	0,310	0,003	0,008	0,132	FALSE
-0,092	0,310	-0,002	0,007	0,101	FALSE

-0,133	0,302	-0,003	0,008	0,156	FALSE
0,264	0,289	0,010	0,011	0,435	FALSE
0,088	0,301	0,002	0,006	0,106	FALSE
0,005	0,303	0,000	0,010	0,011	FALSE
0,120	0,302	0,005	0,010	0,193	FALSE
-0,007	0,307	0,001	0,006	0,032	FALSE
0,119	0,301	0,005	0,010	0,207	FALSE
-0,045	0,311	-0,001	0,009	0,032	FALSE
-0,144	0,311	-0,007	0,013	0,213	FALSE
0,072	0,298	0,002	0,012	0,066	FALSE
-0,062	0,318	-0,003	0,013	0,072	FALSE
0,182	0,295	0,007	0,011	0,281	FALSE
0,027	0,303	0,001	0,007	0,031	FALSE
-0,116	0,300	-0,003	0,007	0,146	FALSE
0,104	0,309	0,003	0,007	0,152	FALSE
0,087	0,317	0,002	0,007	0,108	FALSE
0,065	0,305	0,002	0,009	0,099	FALSE
0,008	0,322	0,001	0,010	0,022	FALSE
0,010	0,304	0,001	0,009	0,045	FALSE
-0,002	0,311	0,000	0,008	0,002	FALSE
0,020	0,304	0,001	0,009	0,029	FALSE
-0,013	0,314	0,000	0,010	0,012	FALSE
-0,021	0,319	-0,001	0,012	0,027	FALSE
-0,116	0,310	-0,004	0,012	0,131	FALSE
-0,057	0,304	-0,001	0,007	0,078	FALSE
0,022	0,304	0,000	0,009	0,001	FALSE
0,002	0,304	0,000	0,008	0,020	FALSE
0,022	0,324	0,001	0,010	0,019	FALSE
0,034	0,313	0,002	0,009	0,069	FALSE
-0,108	0,312	-0,005	0,012	0,147	FALSE
-0,050	0,308	-0,001	0,012	0,045	FALSE
-0,161	0,309	-0,004	0,008	0,228	FALSE
0,099	0,310	0,003	0,010	0,116	FALSE
-0,017	0,321	-0,001	0,013	0,023	FALSE
0,132	0,289	0,005	0,012	0,181	FALSE
-0,115	0,302	-0,004	0,009	0,166	FALSE
-0,107	0,294	-0,002	0,007	0,116	FALSE
-0,035	0,301	-0,001	0,008	0,033	FALSE
0,002	0,302	0,000	0,011	0,012	FALSE
-0,057	0,306	-0,002	0,011	0,083	FALSE
0,062	0,322	0,002	0,012	0,058	FALSE
0,014	0,306	0,001	0,007	0,044	FALSE
0,083	0,318	0,002	0,008	0,085	FALSE
-0,119	0,309	-0,003	0,008	0,162	FALSE
-0,075	0,310	-0,002	0,012	0,069	FALSE
0,005	0,313	0,000	0,007	0,023	FALSE
-0,106	0,293	-0,003	0,010	0,131	FALSE
-0,014	0,324	0,000	0,007	0,010	FALSE
0,036	0,311	0,002	0,012	0,065	FALSE
-0,037	0,311	-0,001	0,007	0,051	FALSE
0,004	0,296	0,000	0,012	0,009	FALSE
-0,102	0,305	-0,003	0,009	0,131	FALSE
-0,077	0,319	-0,002	0,007	0,098	FALSE

0,147	0,320	0,003	0,007	0,198	FALSE
-0,114	0,325	-0,003	0,009	0,140	FALSE
-0,063	0,311	-0,003	0,013	0,083	FALSE
0,039	0,314	0,002	0,010	0,091	FALSE
0,092	0,314	0,002	0,006	0,129	FALSE
0,036	0,295	0,002	0,008	0,096	FALSE
0,004	0,305	-0,001	0,012	0,027	FALSE
0,059	0,300	0,002	0,010	0,071	FALSE
-0,017	0,309	0,000	0,009	0,006	FALSE
-0,058	0,316	-0,002	0,013	0,056	FALSE
0,006	0,320	0,001	0,007	0,040	FALSE
0,150	0,301	0,003	0,007	0,199	FALSE
0,073	0,298	0,001	0,009	0,060	FALSE
0,085	0,300	0,003	0,011	0,109	FALSE
-0,074	0,301	-0,001	0,006	0,078	FALSE
-0,077	0,298	-0,003	0,013	0,103	FALSE
0,047	0,295	0,001	0,006	0,045	FALSE
0,051	0,307	0,002	0,010	0,065	FALSE
0,024	0,322	0,001	0,010	0,024	FALSE
0,043	0,310	0,001	0,008	0,072	FALSE
-0,034	0,304	0,000	0,010	0,001	FALSE
0,076	0,304	0,003	0,012	0,089	FALSE
0,050	0,311	0,002	0,012	0,046	FALSE
-0,094	0,311	-0,002	0,008	0,101	FALSE
0,059	0,320	0,002	0,013	0,063	FALSE
0,053	0,297	0,002	0,012	0,071	FALSE
-0,129	0,306	-0,006	0,011	0,222	FALSE
-0,019	0,309	0,000	0,010	0,005	FALSE
0,140	0,298	0,003	0,007	0,191	FALSE
0,009	0,308	0,000	0,006	0,013	FALSE
0,151	0,298	0,005	0,013	0,173	FALSE
-0,063	0,309	-0,002	0,007	0,086	FALSE
-0,144	0,316	-0,005	0,012	0,197	FALSE
0,005	0,303	0,000	0,012	0,011	FALSE
-0,045	0,299	-0,002	0,009	0,084	FALSE
0,067	0,293	0,003	0,011	0,093	FALSE
0,076	0,298	0,002	0,007	0,089	FALSE
-0,035	0,293	-0,001	0,012	0,041	FALSE
-0,082	0,321	-0,003	0,010	0,117	FALSE
-0,122	0,314	-0,003	0,007	0,165	FALSE
-0,104	0,308	-0,003	0,009	0,118	FALSE
-0,024	0,326	0,000	0,008	0,009	FALSE
0,005	0,299	-0,001	0,012	0,025	FALSE
0,118	0,315	0,003	0,008	0,169	FALSE
0,010	0,297	0,000	0,006	0,010	FALSE
0,024	0,297	0,000	0,007	0,023	FALSE
0,056	0,315	0,002	0,013	0,053	FALSE
0,137	0,294	0,005	0,010	0,206	FALSE
0,139	0,317	0,006	0,013	0,199	FALSE
-0,004	0,298	0,000	0,013	0,008	FALSE
0,002	0,314	0,000	0,013	0,005	FALSE
0,010	0,308	0,000	0,013	0,010	FALSE
0,024	0,299	0,001	0,012	0,028	FALSE

-0,030	0,307	-0,001	0,010	0,033	FALSE
-0,014	0,306	0,000	0,012	0,013	FALSE
0,038	0,313	0,001	0,008	0,053	FALSE
0,007	0,309	0,000	0,010	0,005	FALSE
-0,029	0,311	-0,002	0,012	0,070	FALSE
-0,065	0,307	-0,003	0,012	0,100	FALSE
-0,128	0,310	-0,002	0,007	0,139	FALSE
0,095	0,316	0,002	0,007	0,109	FALSE
-0,050	0,314	-0,002	0,012	0,058	FALSE
0,043	0,311	0,002	0,011	0,056	FALSE
0,124	0,297	0,004	0,011	0,159	FALSE
-0,041	0,300	-0,001	0,008	0,043	FALSE
0,041	0,301	0,001	0,010	0,038	FALSE
-0,141	0,307	-0,003	0,007	0,195	FALSE
0,093	0,303	0,003	0,010	0,129	FALSE
0,110	0,301	0,003	0,009	0,126	FALSE
-0,072	0,287	-0,003	0,012	0,083	FALSE
0,008	0,309	0,000	0,009	0,009	FALSE
-0,014	0,319	-0,001	0,013	0,030	FALSE
-0,117	0,314	-0,004	0,011	0,151	FALSE
0,049	0,296	0,001	0,012	0,034	FALSE
-0,057	0,313	-0,003	0,012	0,088	FALSE
-0,097	0,320	-0,002	0,007	0,127	FALSE
-0,024	0,307	-0,001	0,008	0,030	FALSE
0,022	0,313	0,002	0,010	0,069	FALSE
0,057	0,313	0,001	0,007	0,076	FALSE
-0,063	0,314	-0,002	0,010	0,093	FALSE
-0,085	0,309	-0,003	0,011	0,086	FALSE
0,010	0,300	0,000	0,006	0,014	FALSE
-0,168	0,296	-0,006	0,010	0,258	FALSE
-0,088	0,311	-0,002	0,007	0,101	FALSE
-0,032	0,302	0,000	0,008	0,008	FALSE
-0,038	0,312	-0,002	0,013	0,066	FALSE
0,073	0,329	0,001	0,009	0,057	FALSE
-0,060	0,291	-0,002	0,011	0,059	FALSE
-0,072	0,305	-0,003	0,012	0,097	FALSE
-0,089	0,305	-0,001	0,007	0,080	FALSE
0,127	0,299	0,003	0,006	0,206	FALSE
0,122	0,300	0,003	0,007	0,191	FALSE
0,042	0,302	0,002	0,008	0,085	FALSE
0,129	0,307	0,004	0,012	0,144	FALSE
0,046	0,309	0,001	0,006	0,056	FALSE
0,023	0,318	0,001	0,012	0,029	FALSE
-0,034	0,307	-0,001	0,010	0,028	FALSE
-0,064	0,303	-0,001	0,007	0,063	FALSE
0,024	0,297	0,000	0,010	0,008	FALSE
0,119	0,296	0,002	0,007	0,131	FALSE
-0,056	0,301	-0,001	0,007	0,075	FALSE
0,166	0,301	0,004	0,008	0,224	FALSE
-0,078	0,306	-0,004	0,012	0,129	FALSE
0,076	0,298	0,001	0,010	0,050	FALSE
0,013	0,292	0,000	0,011	0,008	FALSE
-0,038	0,303	-0,002	0,011	0,061	FALSE

-0,019	0,305	-0,001	0,011	0,036	FALSE
-0,018	0,297	0,000	0,013	0,007	FALSE
0,190	0,301	0,006	0,008	0,301	FALSE
-0,003	0,299	0,000	0,010	0,010	FALSE
0,009	0,313	0,000	0,006	0,019	FALSE
0,036	0,312	0,002	0,012	0,069	FALSE
0,130	0,307	0,006	0,012	0,208	FALSE
0,060	0,311	0,001	0,007	0,063	FALSE
-0,075	0,309	-0,002	0,009	0,099	FALSE
0,164	0,304	0,004	0,007	0,243	FALSE
-0,062	0,316	-0,002	0,008	0,093	FALSE
0,010	0,302	0,000	0,011	0,007	FALSE
-0,098	0,302	-0,003	0,010	0,128	FALSE
0,049	0,310	0,001	0,007	0,034	FALSE
0,175	0,309	0,005	0,009	0,234	FALSE
-0,122	0,301	-0,005	0,012	0,168	FALSE
-0,195	0,306	-0,008	0,012	0,293	FALSE
0,059	0,308	0,002	0,008	0,095	FALSE
0,038	0,309	0,001	0,008	0,056	FALSE
-0,030	0,315	-0,001	0,009	0,054	FALSE
-0,053	0,309	-0,001	0,010	0,031	FALSE
-0,026	0,306	0,000	0,010	0,008	FALSE
-0,057	0,322	-0,002	0,013	0,064	FALSE
0,128	0,301	0,004	0,012	0,127	FALSE
0,144	0,293	0,005	0,012	0,168	FALSE
0,038	0,304	0,001	0,013	0,028	FALSE
0,111	0,304	0,004	0,012	0,139	FALSE
0,089	0,318	0,004	0,010	0,137	FALSE
0,025	0,288	0,000	0,008	0,000	FALSE
0,075	0,304	0,003	0,011	0,117	FALSE
-0,004	0,310	-0,001	0,012	0,018	FALSE
-0,039	0,288	-0,002	0,012	0,060	FALSE
-0,176	0,309	-0,004	0,007	0,231	FALSE
-0,179	0,303	-0,004	0,007	0,259	FALSE
-0,085	0,303	-0,003	0,010	0,101	FALSE
-0,154	0,318	-0,007	0,013	0,227	FALSE
-0,142	0,301	-0,003	0,007	0,184	FALSE
0,032	0,311	0,000	0,012	0,009	FALSE
-0,031	0,295	-0,002	0,012	0,070	FALSE
0,007	0,303	0,000	0,010	0,007	FALSE
0,113	0,295	0,004	0,008	0,182	FALSE
0,045	0,296	0,001	0,013	0,037	FALSE
0,049	0,308	0,001	0,011	0,027	FALSE
0,090	0,305	0,002	0,010	0,078	FALSE
0,043	0,313	0,001	0,008	0,042	FALSE
0,088	0,299	0,003	0,010	0,121	FALSE
0,038	0,318	0,001	0,007	0,053	FALSE
0,018	0,323	0,000	0,007	0,011	FALSE
0,072	0,317	0,002	0,010	0,073	FALSE
0,037	0,308	0,001	0,006	0,045	FALSE
0,094	0,287	0,003	0,009	0,120	FALSE
-0,025	0,317	-0,001	0,007	0,032	FALSE
-0,005	0,298	-0,001	0,011	0,037	FALSE

-0,037	0,292	-0,002	0,011	0,069	FALSE
0,203	0,305	0,006	0,009	0,338	FALSE
-0,091	0,306	-0,004	0,011	0,135	FALSE
-0,111	0,294	-0,005	0,012	0,194	FALSE
-0,116	0,294	-0,006	0,012	0,201	FALSE
-0,058	0,305	-0,002	0,010	0,073	FALSE
0,045	0,311	0,001	0,008	0,071	FALSE
0,063	0,294	0,002	0,010	0,087	FALSE
-0,068	0,302	-0,003	0,012	0,096	FALSE
-0,139	0,290	-0,003	0,007	0,203	FALSE
-0,124	0,303	-0,005	0,010	0,195	FALSE
-0,089	0,296	-0,003	0,009	0,128	FALSE
0,140	0,298	0,003	0,007	0,194	FALSE
0,152	0,307	0,003	0,007	0,195	FALSE
0,194	0,299	0,007	0,011	0,285	FALSE
-0,053	0,310	-0,001	0,008	0,067	FALSE
0,075	0,314	0,001	0,007	0,079	FALSE
-0,159	0,310	-0,005	0,009	0,209	FALSE
-0,162	0,301	-0,006	0,012	0,226	FALSE
-0,193	0,308	-0,007	0,011	0,267	FALSE
0,056	0,313	0,002	0,013	0,072	FALSE
-0,064	0,293	-0,002	0,008	0,098	FALSE
-0,042	0,313	-0,001	0,006	0,035	FALSE
-0,091	0,313	-0,003	0,012	0,104	FALSE
0,026	0,321	0,001	0,010	0,020	FALSE
0,014	0,322	0,000	0,010	0,011	FALSE
-0,183	0,313	-0,005	0,008	0,254	FALSE
0,045	0,297	0,001	0,007	0,067	FALSE
0,091	0,307	0,001	0,007	0,076	FALSE
0,047	0,326	0,001	0,008	0,045	FALSE
0,013	0,314	0,001	0,013	0,019	FALSE
-0,032	0,298	-0,002	0,011	0,067	FALSE
-0,065	0,304	-0,003	0,011	0,090	FALSE
-0,036	0,300	-0,001	0,006	0,048	FALSE
-0,108	0,307	-0,003	0,011	0,107	FALSE
-0,033	0,305	-0,001	0,009	0,051	FALSE
0,151	0,297	0,004	0,008	0,200	FALSE
-0,005	0,308	0,000	0,008	0,009	FALSE
-0,136	0,307	-0,005	0,010	0,193	FALSE
-0,037	0,317	-0,001	0,010	0,053	FALSE
0,023	0,311	0,001	0,010	0,050	FALSE
-0,155	0,308	-0,006	0,013	0,196	FALSE
-0,055	0,313	-0,001	0,009	0,056	FALSE
0,028	0,309	0,001	0,007	0,045	FALSE
0,006	0,305	-0,001	0,013	0,018	FALSE
-0,059	0,295	-0,002	0,008	0,072	FALSE
-0,093	0,295	-0,003	0,009	0,138	FALSE
-0,065	0,305	-0,002	0,009	0,094	FALSE
0,052	0,313	0,001	0,013	0,038	FALSE
-0,057	0,314	-0,001	0,013	0,027	FALSE
0,079	0,319	0,002	0,013	0,069	FALSE
0,119	0,298	0,003	0,006	0,163	FALSE
0,015	0,312	0,001	0,010	0,018	FALSE

0,109	0,297	0,004	0,010	0,178	FALSE
0,133	0,303	0,005	0,012	0,151	FALSE
0,067	0,298	0,004	0,012	0,122	FALSE
-0,020	0,308	-0,001	0,009	0,025	FALSE
0,041	0,312	0,001	0,009	0,061	FALSE
0,023	0,311	0,000	0,007	0,011	FALSE
0,027	0,315	0,000	0,008	0,008	FALSE
-0,081	0,319	-0,002	0,010	0,086	FALSE
0,031	0,325	0,002	0,012	0,067	FALSE
0,051	0,301	0,002	0,008	0,111	FALSE
-0,047	0,314	-0,001	0,008	0,047	FALSE
-0,047	0,316	-0,001	0,007	0,047	FALSE
0,089	0,325	0,003	0,010	0,103	FALSE
-0,054	0,295	-0,002	0,012	0,080	FALSE
0,071	0,315	0,002	0,007	0,121	FALSE
-0,117	0,311	-0,002	0,006	0,131	FALSE
0,010	0,293	0,000	0,006	0,003	FALSE
0,010	0,292	0,000	0,007	0,014	FALSE
0,030	0,302	0,000	0,008	0,009	FALSE
-0,040	0,304	-0,001	0,009	0,022	FALSE
-0,030	0,317	0,000	0,009	0,002	FALSE
-0,006	0,312	0,001	0,009	0,025	FALSE
0,004	0,305	0,001	0,009	0,022	FALSE
0,000	0,292	0,000	0,006	0,027	FALSE
-0,009	0,306	0,000	0,008	0,012	FALSE
-0,066	0,324	-0,002	0,013	0,058	FALSE
-0,082	0,317	-0,001	0,007	0,069	FALSE
-0,020	0,309	-0,001	0,010	0,035	FALSE
-0,008	0,300	0,000	0,010	0,011	FALSE
0,044	0,308	0,001	0,007	0,047	FALSE
-0,111	0,305	-0,002	0,007	0,132	FALSE
0,035	0,325	0,001	0,008	0,063	FALSE
-0,009	0,309	0,000	0,007	0,008	FALSE
0,109	0,302	0,003	0,009	0,109	FALSE
0,091	0,296	0,002	0,007	0,126	FALSE
0,061	0,302	0,002	0,011	0,065	FALSE
0,109	0,301	0,003	0,007	0,154	FALSE
-0,011	0,294	-0,001	0,012	0,034	FALSE
0,113	0,314	0,005	0,012	0,179	FALSE
0,068	0,310	0,002	0,013	0,059	FALSE
0,083	0,301	0,002	0,009	0,095	FALSE
-0,023	0,319	-0,001	0,013	0,022	FALSE
-0,055	0,312	-0,001	0,007	0,052	FALSE
0,124	0,299	0,004	0,010	0,171	FALSE
0,060	0,304	0,001	0,007	0,059	FALSE
-0,168	0,292	-0,006	0,012	0,208	FALSE
0,119	0,307	0,005	0,012	0,162	FALSE
-0,117	0,307	-0,003	0,009	0,135	FALSE
-0,091	0,297	-0,002	0,006	0,105	FALSE
-0,100	0,301	-0,001	0,007	0,084	FALSE
-0,004	0,314	0,000	0,011	0,013	FALSE
0,033	0,314	0,000	0,009	0,020	FALSE
-0,018	0,303	0,000	0,012	0,014	FALSE

0,016	0,294	0,001	0,009	0,023	FALSE
0,017	0,290	0,000	0,006	0,019	FALSE
0,028	0,311	0,000	0,008	0,015	FALSE
0,023	0,312	0,001	0,007	0,046	FALSE
-0,025	0,301	0,000	0,007	0,012	FALSE
-0,121	0,307	-0,003	0,008	0,149	FALSE
-0,062	0,298	-0,002	0,010	0,092	FALSE
0,067	0,307	0,003	0,012	0,101	FALSE
-0,068	0,292	-0,002	0,007	0,088	FALSE
-0,053	0,315	-0,001	0,007	0,066	FALSE
-0,072	0,313	-0,001	0,008	0,065	FALSE
-0,025	0,300	-0,001	0,009	0,027	FALSE
-0,069	0,317	-0,002	0,008	0,093	FALSE
-0,049	0,316	-0,001	0,007	0,071	FALSE
-0,095	0,311	-0,002	0,007	0,123	FALSE
-0,042	0,304	-0,001	0,006	0,044	FALSE
-0,034	0,317	-0,001	0,007	0,032	FALSE
0,022	0,311	0,001	0,013	0,024	FALSE
-0,079	0,307	-0,002	0,008	0,123	FALSE
-0,033	0,302	-0,001	0,007	0,046	FALSE
-0,044	0,308	-0,002	0,011	0,078	FALSE
-0,016	0,322	0,000	0,011	0,015	FALSE
0,056	0,301	0,002	0,009	0,084	FALSE
-0,038	0,311	-0,001	0,008	0,037	FALSE
0,063	0,318	0,001	0,007	0,061	FALSE
0,020	0,310	0,001	0,012	0,039	FALSE
-0,140	0,326	-0,004	0,009	0,169	FALSE
0,016	0,312	0,001	0,012	0,032	FALSE
-0,074	0,320	-0,002	0,007	0,088	FALSE
0,135	0,310	0,003	0,008	0,176	FALSE
-0,014	0,312	0,000	0,008	0,004	FALSE
0,090	0,321	0,002	0,009	0,100	FALSE
-0,018	0,319	0,000	0,010	0,005	FALSE
-0,062	0,293	-0,002	0,007	0,094	FALSE
0,052	0,300	0,001	0,010	0,031	FALSE
0,010	0,295	-0,001	0,012	0,023	FALSE
-0,009	0,296	-0,001	0,012	0,042	FALSE
0,070	0,287	0,002	0,008	0,078	FALSE
-0,014	0,311	0,000	0,013	0,006	FALSE
0,096	0,304	0,002	0,006	0,094	FALSE
0,187	0,288	0,007	0,011	0,278	FALSE
-0,102	0,306	-0,002	0,008	0,115	FALSE
-0,008	0,313	0,000	0,010	0,009	FALSE
0,127	0,322	0,004	0,012	0,147	FALSE
0,039	0,303	0,001	0,008	0,055	FALSE
0,002	0,320	0,000	0,011	0,005	FALSE
0,105	0,312	0,003	0,011	0,123	FALSE
-0,005	0,304	0,000	0,008	0,013	FALSE
0,074	0,317	0,002	0,011	0,087	FALSE
-0,098	0,299	-0,002	0,007	0,131	FALSE
0,127	0,310	0,006	0,011	0,210	FALSE
-0,022	0,319	0,000	0,008	0,009	FALSE
-0,042	0,302	-0,002	0,012	0,056	FALSE

-0,072	0,296	-0,002	0,008	0,094	FALSE
-0,023	0,318	-0,001	0,011	0,031	FALSE
0,083	0,298	0,003	0,008	0,170	FALSE
-0,059	0,316	-0,002	0,007	0,107	FALSE
0,062	0,315	0,003	0,011	0,092	FALSE
0,116	0,310	0,004	0,008	0,207	FALSE
0,047	0,299	0,002	0,008	0,098	FALSE
0,046	0,303	0,002	0,008	0,109	FALSE
0,112	0,300	0,004	0,008	0,203	FALSE
-0,059	0,302	-0,001	0,006	0,057	FALSE
0,070	0,304	0,002	0,009	0,094	FALSE
0,005	0,316	0,000	0,010	0,017	FALSE
-0,037	0,310	-0,001	0,007	0,052	FALSE
0,129	0,295	0,003	0,007	0,154	FALSE
0,243	0,290	0,005	0,007	0,319	FALSE
-0,040	0,307	-0,001	0,007	0,061	FALSE
-0,059	0,301	-0,002	0,007	0,107	FALSE
0,080	0,297	0,002	0,007	0,099	FALSE
0,095	0,296	0,002	0,007	0,120	FALSE
0,092	0,316	0,003	0,013	0,106	FALSE
-0,086	0,302	-0,002	0,008	0,124	FALSE
-0,062	0,311	-0,002	0,011	0,082	FALSE
0,014	0,299	-0,001	0,012	0,035	FALSE
-0,040	0,303	-0,002	0,012	0,070	FALSE
-0,083	0,312	-0,002	0,006	0,090	FALSE
-0,034	0,305	-0,002	0,012	0,052	FALSE
0,114	0,296	0,003	0,010	0,101	FALSE
-0,046	0,311	-0,002	0,012	0,058	FALSE
-0,083	0,303	-0,002	0,010	0,091	FALSE
0,123	0,309	0,003	0,009	0,144	FALSE
0,134	0,310	0,004	0,012	0,139	FALSE
-0,028	0,314	-0,001	0,009	0,050	FALSE
0,044	0,306	0,001	0,011	0,029	FALSE
0,066	0,313	0,001	0,007	0,071	FALSE
-0,027	0,316	-0,001	0,009	0,021	FALSE
0,047	0,307	0,001	0,006	0,049	FALSE
0,067	0,296	0,002	0,006	0,145	FALSE
0,116	0,307	0,004	0,010	0,146	FALSE
0,008	0,313	0,000	0,010	0,008	FALSE
-0,088	0,297	-0,003	0,011	0,110	FALSE
-0,019	0,312	-0,001	0,007	0,054	FALSE
0,142	0,312	0,006	0,013	0,187	FALSE
-0,046	0,300	-0,001	0,007	0,076	FALSE
-0,068	0,315	-0,002	0,009	0,073	FALSE
0,097	0,305	0,003	0,011	0,117	FALSE
0,018	0,314	0,001	0,007	0,034	FALSE
0,054	0,306	0,002	0,012	0,061	FALSE
-0,033	0,315	-0,001	0,010	0,037	FALSE
-0,059	0,308	-0,002	0,013	0,061	FALSE
0,003	0,295	0,001	0,010	0,051	FALSE
-0,128	0,291	-0,003	0,006	0,173	FALSE
0,077	0,305	0,002	0,007	0,104	FALSE
-0,007	0,312	0,000	0,012	0,012	FALSE

0,033	0,309	0,001	0,012	0,016	FALSE
0,102	0,308	0,002	0,007	0,090	FALSE
-0,089	0,317	-0,004	0,013	0,123	FALSE
0,064	0,317	0,001	0,006	0,073	FALSE
-0,018	0,300	0,000	0,007	0,014	FALSE
-0,016	0,286	0,000	0,012	0,013	FALSE
-0,001	0,308	0,000	0,008	0,002	FALSE
0,009	0,288	-0,001	0,012	0,027	FALSE
0,053	0,301	0,001	0,007	0,060	FALSE
-0,092	0,304	-0,005	0,013	0,162	FALSE
0,077	0,303	0,003	0,010	0,106	FALSE
0,020	0,307	0,001	0,006	0,031	FALSE
0,091	0,300	0,003	0,008	0,132	FALSE
0,148	0,302	0,005	0,009	0,216	FALSE
-0,100	0,307	-0,004	0,012	0,151	FALSE
-0,037	0,315	-0,002	0,011	0,056	FALSE
-0,041	0,301	-0,002	0,011	0,069	FALSE
0,062	0,314	0,002	0,007	0,101	FALSE
-0,038	0,308	-0,002	0,011	0,064	FALSE
-0,074	0,312	-0,003	0,012	0,097	FALSE
0,068	0,297	0,002	0,008	0,114	FALSE
0,058	0,321	0,002	0,013	0,058	FALSE
-0,102	0,318	-0,004	0,011	0,149	FALSE
-0,012	0,312	-0,001	0,012	0,021	FALSE
0,002	0,298	-0,001	0,012	0,040	FALSE
-0,009	0,319	0,000	0,007	0,003	FALSE
-0,003	0,309	0,000	0,010	0,014	FALSE
0,046	0,307	0,001	0,007	0,058	FALSE
-0,081	0,301	-0,003	0,010	0,104	FALSE
0,070	0,315	0,002	0,008	0,078	FALSE
-0,174	0,306	-0,005	0,011	0,208	FALSE
-0,190	0,304	-0,007	0,013	0,256	FALSE
0,087	0,301	0,002	0,008	0,106	FALSE
-0,040	0,299	-0,001	0,010	0,038	FALSE
0,176	0,287	0,004	0,007	0,279	FALSE
0,073	0,305	0,004	0,012	0,120	FALSE
0,016	0,305	0,001	0,010	0,032	FALSE
0,108	0,314	0,003	0,007	0,166	FALSE
-0,100	0,298	-0,002	0,008	0,107	FALSE
-0,099	0,316	-0,003	0,009	0,135	FALSE
0,182	0,297	0,008	0,012	0,285	FALSE
-0,116	0,309	-0,003	0,008	0,125	FALSE
-0,084	0,318	-0,002	0,007	0,089	FALSE
0,041	0,306	0,001	0,007	0,066	FALSE
0,112	0,294	0,004	0,011	0,164	FALSE
0,019	0,297	0,001	0,012	0,037	FALSE
-0,011	0,307	-0,001	0,013	0,015	FALSE
-0,120	0,294	-0,002	0,007	0,138	FALSE
-0,032	0,313	0,000	0,012	0,004	FALSE
-0,056	0,314	-0,002	0,010	0,062	FALSE
0,091	0,305	0,002	0,012	0,081	FALSE
0,068	0,310	0,002	0,011	0,071	FALSE
0,002	0,311	0,000	0,009	0,001	FALSE

0,058	0,296	0,001	0,007	0,067	FALSE
-0,118	0,313	-0,004	0,009	0,167	FALSE
-0,130	0,305	-0,003	0,006	0,201	FALSE
-0,114	0,307	-0,004	0,011	0,160	FALSE
-0,112	0,303	-0,002	0,007	0,133	FALSE
-0,111	0,304	-0,003	0,007	0,146	FALSE
-0,139	0,301	-0,003	0,007	0,181	FALSE
-0,086	0,306	-0,003	0,012	0,094	FALSE
-0,012	0,308	0,000	0,013	0,000	FALSE
-0,117	0,292	-0,005	0,010	0,207	FALSE
-0,010	0,312	0,000	0,007	0,019	FALSE
0,052	0,294	0,001	0,006	0,030	FALSE
0,067	0,323	0,002	0,013	0,051	FALSE
0,065	0,307	0,001	0,012	0,040	FALSE
0,075	0,303	0,002	0,009	0,087	FALSE
0,010	0,296	0,002	0,012	0,079	FALSE
-0,095	0,296	-0,003	0,009	0,109	FALSE
0,016	0,307	0,000	0,008	0,012	FALSE
0,055	0,307	0,001	0,007	0,055	FALSE
0,007	0,309	0,000	0,007	0,003	FALSE
0,049	0,308	0,001	0,006	0,039	FALSE
-0,008	0,315	0,000	0,011	0,004	FALSE
0,070	0,317	0,001	0,007	0,057	FALSE
-0,100	0,304	-0,002	0,009	0,088	FALSE
-0,079	0,300	-0,002	0,008	0,112	FALSE
-0,024	0,304	-0,001	0,008	0,061	FALSE
0,044	0,302	0,002	0,012	0,054	FALSE
-0,001	0,285	0,000	0,008	0,011	FALSE
-0,052	0,316	-0,002	0,012	0,055	FALSE
-0,027	0,301	-0,001	0,008	0,057	FALSE
0,000	0,317	0,000	0,013	0,013	FALSE
0,066	0,298	0,001	0,010	0,047	FALSE
0,034	0,308	0,001	0,013	0,024	FALSE
0,040	0,297	0,001	0,007	0,046	FALSE
-0,021	0,311	-0,001	0,010	0,025	FALSE
0,060	0,295	0,002	0,011	0,067	FALSE
0,132	0,296	0,005	0,012	0,161	FALSE
0,005	0,297	0,000	0,010	0,013	FALSE
0,002	0,304	0,000	0,010	0,014	FALSE
-0,025	0,305	-0,001	0,011	0,021	FALSE
-0,147	0,300	-0,005	0,011	0,191	FALSE
-0,089	0,299	-0,002	0,009	0,079	FALSE
-0,189	0,301	-0,008	0,012	0,290	FALSE
0,171	0,304	0,005	0,011	0,201	FALSE
0,010	0,306	0,000	0,012	0,011	FALSE
-0,052	0,324	-0,002	0,013	0,057	FALSE
0,003	0,300	0,001	0,012	0,016	FALSE
-0,158	0,303	-0,003	0,007	0,212	FALSE
-0,015	0,308	-0,001	0,012	0,024	FALSE
-0,027	0,304	-0,001	0,009	0,038	FALSE
-0,044	0,310	-0,002	0,012	0,075	FALSE
0,057	0,317	0,003	0,011	0,088	FALSE
0,018	0,317	0,000	0,011	0,003	FALSE

-0,011	0,322	-0,001	0,012	0,024	FALSE
-0,010	0,308	0,000	0,009	0,017	FALSE
-0,121	0,290	-0,005	0,012	0,178	FALSE
0,095	0,298	0,004	0,012	0,117	FALSE
0,032	0,297	0,000	0,008	0,003	FALSE
0,049	0,309	0,001	0,010	0,040	FALSE
-0,022	0,295	0,000	0,007	0,003	FALSE
0,022	0,312	0,000	0,007	0,002	FALSE
0,022	0,301	0,001	0,011	0,042	FALSE
-0,073	0,312	-0,002	0,008	0,112	FALSE
-0,068	0,313	-0,002	0,008	0,093	FALSE
-0,003	0,326	0,000	0,007	0,013	FALSE
-0,016	0,309	-0,001	0,009	0,032	FALSE
-0,103	0,319	-0,002	0,008	0,102	FALSE
-0,065	0,319	-0,003	0,012	0,088	FALSE
-0,135	0,296	-0,004	0,008	0,198	FALSE
-0,072	0,317	-0,002	0,010	0,084	FALSE
0,007	0,313	0,000	0,009	0,000	FALSE
-0,149	0,300	-0,005	0,009	0,223	FALSE
0,029	0,298	0,001	0,008	0,025	FALSE
-0,094	0,298	-0,003	0,011	0,098	FALSE
0,069	0,308	0,002	0,007	0,090	FALSE
0,117	0,303	0,003	0,008	0,173	FALSE
0,048	0,319	0,001	0,007	0,062	FALSE
-0,054	0,319	-0,001	0,007	0,045	FALSE
0,097	0,289	0,004	0,010	0,148	FALSE
-0,078	0,303	-0,004	0,012	0,131	FALSE
-0,100	0,311	-0,005	0,013	0,142	FALSE
-0,081	0,325	-0,002	0,007	0,110	FALSE
-0,071	0,310	-0,002	0,008	0,097	FALSE
0,114	0,326	0,003	0,011	0,112	FALSE
0,141	0,312	0,005	0,012	0,157	FALSE
-0,053	0,320	-0,001	0,012	0,037	FALSE
-0,120	0,312	-0,003	0,007	0,179	FALSE
0,002	0,313	0,000	0,009	0,006	FALSE
-0,079	0,303	-0,002	0,009	0,098	FALSE
-0,020	0,304	-0,001	0,013	0,024	FALSE
-0,013	0,305	-0,001	0,007	0,043	FALSE
0,100	0,291	0,004	0,012	0,143	FALSE
0,064	0,304	0,001	0,006	0,078	FALSE
-0,003	0,308	0,000	0,007	0,005	FALSE
-0,008	0,317	0,000	0,006	0,013	FALSE
0,126	0,294	0,006	0,011	0,233	FALSE
-0,032	0,306	-0,001	0,008	0,055	FALSE
-0,056	0,306	-0,002	0,010	0,066	FALSE
0,004	0,313	0,000	0,013	0,010	FALSE
0,022	0,309	0,000	0,010	0,013	FALSE
0,030	0,288	0,001	0,011	0,030	FALSE
0,058	0,307	0,001	0,009	0,053	FALSE
-0,049	0,315	-0,001	0,009	0,048	FALSE
-0,037	0,312	-0,001	0,011	0,038	FALSE
-0,025	0,320	0,000	0,011	0,013	FALSE
0,112	0,300	0,004	0,011	0,148	FALSE

-0,054	0,308	-0,001	0,007	0,056	FALSE
-0,121	0,303	-0,004	0,011	0,148	FALSE
-0,043	0,307	-0,001	0,006	0,049	FALSE
-0,074	0,307	-0,002	0,008	0,085	FALSE
0,011	0,314	0,000	0,007	0,008	FALSE
0,001	0,308	0,000	0,008	0,001	FALSE
-0,028	0,314	-0,001	0,008	0,027	FALSE
-0,012	0,311	0,000	0,008	0,022	FALSE
0,031	0,302	0,001	0,011	0,035	FALSE
0,136	0,299	0,004	0,008	0,193	FALSE
0,092	0,302	0,002	0,007	0,127	FALSE
-0,006	0,310	0,000	0,008	0,003	FALSE
-0,109	0,292	-0,005	0,011	0,188	FALSE
0,015	0,320	0,000	0,009	0,010	FALSE
-0,111	0,303	-0,002	0,006	0,154	FALSE
0,002	0,302	0,000	0,011	0,015	FALSE
-0,134	0,308	-0,003	0,007	0,171	FALSE
0,073	0,295	0,003	0,012	0,078	FALSE
0,117	0,298	0,004	0,009	0,175	FALSE
-0,041	0,308	-0,001	0,010	0,047	FALSE
-0,103	0,305	-0,003	0,007	0,144	FALSE
0,033	0,312	0,001	0,009	0,036	FALSE
0,119	0,305	0,003	0,008	0,153	FALSE
0,042	0,320	0,001	0,007	0,055	FALSE
0,038	0,307	0,001	0,013	0,022	FALSE
0,001	0,313	0,000	0,013	0,001	FALSE
0,083	0,313	0,004	0,013	0,115	FALSE
0,022	0,309	0,001	0,007	0,042	FALSE
-0,023	0,311	0,000	0,010	0,016	FALSE
-0,030	0,312	-0,001	0,011	0,049	FALSE
-0,026	0,312	0,000	0,009	0,016	FALSE
-0,116	0,303	-0,002	0,006	0,137	FALSE
0,062	0,317	0,002	0,009	0,076	FALSE
0,083	0,312	0,004	0,012	0,121	FALSE
0,022	0,317	0,000	0,008	0,006	FALSE
0,045	0,310	0,002	0,011	0,064	FALSE
0,171	0,286	0,006	0,010	0,248	FALSE
-0,016	0,310	-0,002	0,012	0,051	FALSE
-0,049	0,306	-0,001	0,007	0,059	FALSE
-0,012	0,287	0,000	0,012	0,005	FALSE
0,080	0,305	0,002	0,008	0,094	FALSE
-0,053	0,305	-0,001	0,009	0,055	FALSE
0,027	0,303	0,002	0,012	0,053	FALSE
-0,072	0,312	-0,003	0,010	0,103	FALSE
-0,165	0,309	-0,004	0,007	0,229	FALSE
0,111	0,306	0,002	0,007	0,122	FALSE
-0,050	0,302	-0,001	0,007	0,056	FALSE
-0,092	0,308	-0,003	0,013	0,090	FALSE
-0,157	0,311	-0,006	0,013	0,204	FALSE
0,092	0,314	0,004	0,013	0,118	FALSE
0,128	0,302	0,004	0,007	0,227	FALSE
-0,080	0,308	-0,003	0,010	0,125	FALSE
-0,044	0,308	-0,002	0,012	0,063	FALSE

0,018	0,303	0,002	0,011	0,058	FALSE
0,039	0,315	0,002	0,011	0,050	FALSE
0,036	0,298	0,002	0,012	0,047	FALSE
0,041	0,302	0,001	0,012	0,019	FALSE
0,080	0,307	0,002	0,011	0,061	FALSE
0,158	0,288	0,003	0,006	0,243	FALSE
0,060	0,296	0,002	0,012	0,070	FALSE
-0,026	0,314	0,000	0,006	0,018	FALSE
0,040	0,302	0,001	0,009	0,049	FALSE
0,097	0,294	0,003	0,008	0,143	FALSE
-0,111	0,311	-0,004	0,013	0,112	FALSE
-0,048	0,315	-0,002	0,011	0,061	FALSE
-0,089	0,319	-0,004	0,013	0,102	FALSE
-0,015	0,317	-0,001	0,013	0,017	FALSE
0,055	0,309	0,001	0,009	0,052	FALSE
-0,059	0,300	-0,001	0,008	0,041	FALSE
0,054	0,318	0,001	0,009	0,037	FALSE
-0,028	0,309	-0,001	0,009	0,043	FALSE
-0,067	0,305	-0,002	0,011	0,082	FALSE
0,023	0,310	0,000	0,013	0,010	FALSE
-0,190	0,314	-0,006	0,010	0,266	FALSE
0,002	0,316	0,001	0,012	0,024	FALSE
-0,095	0,311	-0,004	0,012	0,136	FALSE
-0,053	0,290	0,000	0,010	0,015	FALSE
0,004	0,308	0,000	0,013	0,003	FALSE
-0,074	0,306	-0,002	0,006	0,095	FALSE
-0,002	0,300	0,001	0,010	0,026	FALSE
-0,019	0,306	-0,001	0,011	0,040	FALSE
0,060	0,309	0,002	0,012	0,073	FALSE
-0,014	0,311	0,000	0,009	0,014	FALSE
-0,008	0,303	0,000	0,010	0,005	FALSE
-0,020	0,304	0,000	0,012	0,010	FALSE
-0,058	0,322	-0,002	0,008	0,081	FALSE
0,092	0,317	0,002	0,007	0,141	FALSE
0,018	0,306	0,001	0,011	0,020	FALSE
-0,014	0,290	-0,001	0,009	0,030	FALSE
-0,021	0,311	0,000	0,008	0,020	FALSE
-0,052	0,316	-0,001	0,008	0,061	FALSE
-0,012	0,304	0,000	0,006	0,026	FALSE
0,016	0,315	0,000	0,007	0,011	FALSE
-0,014	0,310	0,000	0,007	0,020	FALSE
0,017	0,315	0,000	0,007	0,021	FALSE
0,064	0,310	0,001	0,007	0,070	FALSE
0,023	0,299	0,001	0,007	0,028	FALSE
-0,022	0,305	0,000	0,009	0,016	FALSE
-0,011	0,317	-0,001	0,009	0,029	FALSE
0,080	0,306	0,003	0,013	0,092	FALSE
0,100	0,302	0,003	0,011	0,106	FALSE
0,048	0,315	0,001	0,009	0,044	FALSE
-0,153	0,300	-0,003	0,007	0,201	FALSE
-0,170	0,303	-0,004	0,008	0,220	FALSE
0,145	0,281	0,005	0,010	0,192	FALSE
0,211	0,289	0,005	0,006	0,344	FALSE

0,126	0,313	0,005	0,012	0,154	FALSE
0,138	0,325	0,005	0,013	0,156	FALSE
0,073	0,323	0,002	0,011	0,080	FALSE
-0,147	0,313	-0,006	0,013	0,201	FALSE
0,021	0,296	0,001	0,011	0,032	FALSE
-0,031	0,307	-0,002	0,010	0,060	FALSE
-0,072	0,294	-0,003	0,011	0,098	FALSE
0,151	0,307	0,006	0,013	0,200	FALSE
0,210	0,293	0,006	0,009	0,328	FALSE
0,052	0,303	0,002	0,010	0,057	FALSE
0,044	0,320	0,001	0,009	0,028	FALSE
-0,145	0,304	-0,005	0,011	0,200	FALSE
-0,010	0,326	0,000	0,007	0,009	FALSE
-0,064	0,304	-0,001	0,007	0,073	FALSE
0,067	0,305	0,001	0,008	0,058	FALSE
0,092	0,306	0,004	0,011	0,128	FALSE
0,058	0,304	0,001	0,008	0,071	FALSE
-0,016	0,301	0,000	0,006	0,010	FALSE
0,055	0,302	0,001	0,006	0,084	FALSE
0,005	0,310	0,000	0,011	0,002	FALSE
0,007	0,307	0,000	0,010	0,009	FALSE
0,039	0,317	0,002	0,011	0,050	FALSE
-0,127	0,297	-0,003	0,006	0,184	FALSE
-0,074	0,311	-0,002	0,008	0,079	FALSE
-0,059	0,303	-0,001	0,006	0,064	FALSE
0,028	0,299	0,000	0,007	0,025	FALSE
-0,102	0,294	-0,004	0,012	0,123	FALSE
-0,083	0,308	-0,002	0,007	0,095	FALSE
-0,022	0,300	0,000	0,008	0,019	FALSE
-0,017	0,308	0,000	0,006	0,019	FALSE
-0,039	0,303	-0,001	0,009	0,039	FALSE
-0,027	0,316	-0,001	0,009	0,025	FALSE
0,000	0,311	-0,001	0,013	0,024	FALSE
0,074	0,295	0,003	0,010	0,132	FALSE
-0,023	0,303	0,000	0,007	0,018	FALSE
-0,052	0,306	-0,001	0,008	0,049	FALSE
-0,013	0,306	0,000	0,007	0,003	FALSE
-0,085	0,295	-0,003	0,008	0,137	FALSE
0,043	0,311	0,002	0,011	0,065	FALSE
0,029	0,304	0,001	0,011	0,032	FALSE
-0,048	0,315	-0,001	0,008	0,032	FALSE
-0,008	0,300	0,000	0,009	0,017	FALSE
-0,019	0,315	0,000	0,012	0,010	FALSE
0,096	0,304	0,002	0,008	0,124	FALSE
0,112	0,300	0,003	0,008	0,149	FALSE
0,128	0,303	0,002	0,006	0,163	FALSE
-0,055	0,310	-0,001	0,007	0,055	FALSE
0,051	0,304	0,001	0,010	0,037	FALSE
-0,058	0,311	-0,003	0,012	0,098	FALSE
0,100	0,298	0,004	0,012	0,147	FALSE
0,003	0,291	0,000	0,008	0,003	FALSE
-0,018	0,300	0,000	0,009	0,017	FALSE
0,057	0,320	0,001	0,008	0,063	FALSE

0,047	0,305	0,001	0,011	0,048	FALSE
0,032	0,328	0,001	0,013	0,035	FALSE
-0,063	0,307	-0,002	0,011	0,086	FALSE
0,023	0,301	0,001	0,013	0,022	FALSE
-0,054	0,303	-0,002	0,012	0,072	FALSE
-0,143	0,299	-0,003	0,007	0,209	FALSE
-0,154	0,295	-0,003	0,006	0,204	FALSE
-0,130	0,303	-0,004	0,009	0,175	FALSE
-0,066	0,299	-0,003	0,010	0,111	FALSE
-0,128	0,294	-0,005	0,011	0,195	FALSE
-0,064	0,296	-0,001	0,006	0,065	FALSE
-0,074	0,311	-0,001	0,006	0,067	FALSE
-0,040	0,301	-0,001	0,012	0,016	FALSE
0,124	0,302	0,004	0,010	0,176	FALSE
-0,110	0,301	-0,004	0,012	0,116	FALSE
-0,051	0,295	-0,001	0,009	0,051	FALSE
-0,064	0,305	-0,001	0,007	0,067	FALSE
-0,057	0,296	-0,003	0,009	0,125	FALSE
-0,009	0,315	0,000	0,006	0,003	FALSE
0,006	0,319	-0,001	0,010	0,018	FALSE
-0,042	0,304	0,000	0,007	0,014	FALSE
-0,074	0,320	-0,002	0,010	0,084	FALSE
-0,025	0,301	-0,001	0,006	0,048	FALSE
-0,014	0,307	-0,001	0,007	0,046	FALSE
0,001	0,295	0,001	0,009	0,024	FALSE
0,001	0,314	0,000	0,012	0,012	FALSE
0,185	0,300	0,004	0,007	0,238	FALSE
0,200	0,295	0,004	0,007	0,251	FALSE
-0,152	0,311	-0,004	0,009	0,197	FALSE
0,042	0,316	0,002	0,013	0,056	FALSE
0,013	0,297	0,002	0,010	0,082	FALSE
-0,070	0,305	-0,003	0,011	0,107	FALSE
-0,039	0,302	-0,002	0,012	0,058	FALSE
0,024	0,287	0,000	0,006	0,029	FALSE
-0,001	0,303	0,001	0,011	0,022	FALSE
0,046	0,311	0,000	0,012	0,012	FALSE
-0,122	0,299	-0,003	0,006	0,167	FALSE
0,011	0,299	0,000	0,010	0,005	FALSE
-0,026	0,322	-0,001	0,008	0,022	FALSE
-0,033	0,286	-0,001	0,009	0,038	FALSE
-0,075	0,317	-0,002	0,009	0,075	FALSE
0,154	0,308	0,004	0,008	0,206	FALSE
0,083	0,309	0,002	0,007	0,112	FALSE
0,074	0,298	0,001	0,006	0,088	FALSE
0,035	0,289	0,001	0,011	0,033	FALSE
0,192	0,301	0,006	0,009	0,275	FALSE
-0,012	0,312	0,000	0,008	0,008	FALSE
-0,121	0,301	-0,005	0,012	0,174	FALSE
-0,006	0,324	0,000	0,007	0,011	FALSE
0,108	0,316	0,005	0,013	0,155	FALSE
0,132	0,302	0,005	0,009	0,213	FALSE
0,127	0,297	0,004	0,009	0,206	FALSE
0,027	0,319	0,001	0,007	0,048	FALSE

-0,111	0,309	-0,005	0,011	0,179	FALSE
0,167	0,310	0,007	0,012	0,259	FALSE
-0,044	0,309	-0,001	0,012	0,039	FALSE
-0,023	0,307	0,000	0,011	0,010	FALSE
0,018	0,312	0,001	0,012	0,043	FALSE
-0,028	0,302	0,000	0,010	0,013	FALSE
-0,086	0,300	-0,002	0,010	0,088	FALSE
0,041	0,308	0,002	0,010	0,086	FALSE
0,037	0,309	0,001	0,007	0,044	FALSE
0,034	0,287	0,001	0,007	0,067	FALSE
-0,034	0,310	-0,002	0,012	0,055	FALSE
0,058	0,304	0,002	0,011	0,071	FALSE
0,004	0,316	0,000	0,008	0,009	FALSE
0,062	0,318	0,002	0,008	0,091	FALSE
0,026	0,314	0,002	0,013	0,048	FALSE
-0,032	0,306	-0,001	0,007	0,035	FALSE
0,056	0,308	0,002	0,011	0,086	FALSE
-0,069	0,311	-0,001	0,008	0,064	FALSE
-0,019	0,301	-0,001	0,007	0,030	FALSE
0,083	0,312	0,002	0,009	0,099	FALSE
-0,077	0,319	-0,001	0,009	0,061	FALSE
0,002	0,316	0,000	0,011	0,011	FALSE
-0,086	0,306	-0,004	0,012	0,134	FALSE
0,059	0,305	0,002	0,012	0,066	FALSE
-0,019	0,300	0,000	0,010	0,016	FALSE
0,036	0,308	0,001	0,006	0,034	FALSE
0,037	0,303	0,000	0,006	0,020	FALSE
0,005	0,317	0,000	0,008	0,011	FALSE
-0,017	0,313	0,000	0,008	0,004	FALSE
-0,025	0,318	0,000	0,009	0,008	FALSE
-0,033	0,317	-0,001	0,008	0,029	FALSE
-0,002	0,313	0,000	0,008	0,012	FALSE
-0,022	0,321	-0,001	0,008	0,022	FALSE
-0,025	0,313	0,000	0,008	0,013	FALSE
0,113	0,311	0,004	0,010	0,163	FALSE
-0,026	0,304	-0,001	0,013	0,015	FALSE
-0,043	0,305	-0,002	0,012	0,052	FALSE
0,130	0,310	0,003	0,007	0,197	FALSE
0,043	0,317	0,001	0,007	0,057	FALSE
-0,250	0,277	-0,007	0,009	0,384	FALSE
0,143	0,298	0,003	0,006	0,218	FALSE
0,129	0,290	0,005	0,011	0,184	FALSE
-0,106	0,307	-0,002	0,007	0,130	FALSE
0,012	0,312	-0,001	0,012	0,017	FALSE
0,128	0,294	0,003	0,008	0,153	FALSE
0,080	0,300	0,002	0,007	0,082	FALSE
-0,051	0,306	-0,003	0,012	0,086	FALSE
0,038	0,309	0,001	0,009	0,047	FALSE
-0,003	0,318	0,001	0,011	0,021	FALSE
0,082	0,307	0,003	0,010	0,107	FALSE
-0,065	0,315	-0,002	0,007	0,086	FALSE
0,002	0,302	0,000	0,011	0,001	FALSE
0,067	0,305	0,001	0,006	0,091	FALSE

-0,005	0,310	0,000	0,008	0,000	FALSE
0,034	0,283	0,001	0,011	0,043	FALSE
0,142	0,305	0,004	0,010	0,167	FALSE
-0,014	0,302	0,000	0,010	0,012	FALSE
0,087	0,299	0,003	0,008	0,117	FALSE
-0,052	0,286	-0,002	0,011	0,053	FALSE
0,040	0,315	0,001	0,008	0,055	FALSE
-0,055	0,292	-0,002	0,010	0,056	FALSE
-0,019	0,310	0,000	0,012	0,008	FALSE
0,057	0,310	0,002	0,009	0,083	FALSE
0,003	0,302	0,000	0,009	0,013	FALSE
-0,019	0,316	-0,001	0,006	0,033	FALSE
0,000	0,301	0,000	0,006	0,022	FALSE
-0,045	0,310	0,000	0,011	0,013	FALSE
0,054	0,325	0,002	0,013	0,050	FALSE
-0,079	0,316	-0,003	0,011	0,099	FALSE
-0,001	0,312	0,000	0,013	0,012	FALSE
0,081	0,310	0,003	0,013	0,101	FALSE
0,095	0,299	0,004	0,013	0,110	FALSE
-0,051	0,323	-0,002	0,013	0,061	FALSE
0,017	0,301	0,001	0,010	0,034	FALSE
-0,004	0,318	0,001	0,012	0,016	FALSE
-0,013	0,292	0,000	0,007	0,009	FALSE
0,137	0,300	0,003	0,007	0,145	FALSE
-0,116	0,306	-0,002	0,007	0,141	FALSE
0,065	0,306	0,001	0,009	0,064	FALSE
0,137	0,309	0,007	0,012	0,237	FALSE
-0,023	0,317	0,000	0,008	0,020	FALSE
0,087	0,302	0,003	0,009	0,120	FALSE
-0,035	0,298	-0,001	0,009	0,053	FALSE
0,105	0,304	0,003	0,009	0,142	FALSE
-0,123	0,305	-0,003	0,009	0,140	FALSE
-0,077	0,303	-0,004	0,011	0,126	FALSE
0,127	0,305	0,003	0,009	0,139	FALSE
-0,066	0,312	-0,002	0,007	0,085	FALSE
-0,041	0,324	-0,002	0,013	0,042	FALSE
-0,065	0,304	-0,002	0,011	0,084	FALSE
0,205	0,294	0,009	0,011	0,359	FALSE
-0,017	0,300	-0,002	0,011	0,052	FALSE
-0,055	0,319	-0,001	0,013	0,038	FALSE
-0,142	0,306	-0,002	0,007	0,145	FALSE
-0,088	0,331	-0,003	0,011	0,102	FALSE
-0,099	0,312	-0,003	0,010	0,131	FALSE
-0,021	0,310	-0,001	0,012	0,042	FALSE
0,094	0,315	0,004	0,013	0,135	FALSE
0,131	0,308	0,002	0,007	0,126	FALSE
-0,007	0,297	0,000	0,009	0,001	FALSE
-0,023	0,302	-0,001	0,010	0,053	FALSE
-0,031	0,324	-0,001	0,011	0,044	FALSE
0,079	0,324	0,002	0,009	0,096	FALSE
-0,064	0,322	-0,003	0,011	0,093	FALSE
0,023	0,304	0,000	0,013	0,012	FALSE
-0,136	0,320	-0,006	0,013	0,179	FALSE

-0,119	0,315	-0,002	0,007	0,134	FALSE
-0,055	0,301	-0,001	0,007	0,062	FALSE
-0,060	0,308	-0,001	0,007	0,075	FALSE
-0,190	0,317	-0,009	0,013	0,285	FALSE
-0,038	0,330	-0,001	0,007	0,046	FALSE
-0,047	0,306	-0,002	0,008	0,072	FALSE
-0,096	0,324	-0,003	0,008	0,128	FALSE
0,098	0,300	0,002	0,008	0,108	FALSE
-0,161	0,312	-0,006	0,012	0,192	FALSE
-0,144	0,297	-0,004	0,009	0,185	FALSE
-0,036	0,309	0,000	0,007	0,005	FALSE
-0,055	0,322	-0,001	0,007	0,055	FALSE
0,053	0,318	0,002	0,009	0,075	FALSE
0,036	0,304	0,000	0,012	0,012	FALSE
0,076	0,298	0,002	0,011	0,077	FALSE
0,004	0,298	0,000	0,010	0,008	FALSE
-0,058	0,298	-0,002	0,010	0,063	FALSE
-0,099	0,318	-0,003	0,010	0,121	FALSE
-0,071	0,304	-0,002	0,009	0,083	FALSE
-0,068	0,307	-0,002	0,009	0,075	FALSE
0,033	0,318	0,001	0,009	0,020	FALSE
-0,003	0,312	0,000	0,012	0,001	FALSE
-0,025	0,309	0,000	0,006	0,024	FALSE
0,044	0,303	0,001	0,007	0,057	FALSE
0,017	0,314	0,000	0,008	0,002	FALSE
-0,053	0,304	-0,002	0,012	0,058	FALSE
0,016	0,305	0,001	0,009	0,028	FALSE
0,006	0,303	0,000	0,010	0,011	FALSE
0,030	0,312	0,001	0,013	0,035	FALSE
-0,111	0,311	-0,003	0,008	0,143	FALSE
-0,040	0,314	-0,002	0,011	0,057	FALSE
0,090	0,307	0,002	0,010	0,095	FALSE
0,169	0,294	0,005	0,008	0,263	FALSE
0,001	0,323	0,000	0,008	0,003	FALSE
0,031	0,320	0,001	0,013	0,038	FALSE
0,070	0,317	0,003	0,010	0,096	FALSE
0,002	0,317	0,001	0,011	0,026	FALSE
0,040	0,313	0,001	0,012	0,031	FALSE
-0,050	0,316	-0,001	0,007	0,057	FALSE
-0,041	0,312	-0,001	0,007	0,042	FALSE
0,066	0,324	0,002	0,008	0,077	FALSE
0,138	0,300	0,003	0,006	0,183	FALSE
-0,048	0,306	-0,001	0,008	0,054	FALSE
-0,040	0,312	-0,001	0,008	0,064	FALSE
-0,016	0,311	-0,001	0,007	0,040	FALSE
-0,012	0,308	0,000	0,008	0,019	FALSE
-0,026	0,301	0,000	0,008	0,011	FALSE
-0,002	0,307	0,000	0,007	0,005	FALSE
0,009	0,316	0,000	0,013	0,011	FALSE
0,026	0,303	0,002	0,012	0,048	FALSE
-0,013	0,312	0,000	0,011	0,010	FALSE
0,022	0,312	0,001	0,008	0,056	FALSE
0,038	0,313	0,001	0,007	0,062	FALSE

0,058	0,313	0,002	0,007	0,101	FALSE
-0,093	0,311	-0,003	0,011	0,103	FALSE
-0,136	0,306	-0,005	0,012	0,167	FALSE
-0,105	0,305	-0,004	0,012	0,129	FALSE
0,058	0,301	0,004	0,011	0,128	FALSE
0,129	0,296	0,005	0,011	0,173	FALSE
0,053	0,311	0,001	0,008	0,060	FALSE
0,081	0,296	0,003	0,012	0,109	FALSE
0,104	0,308	0,004	0,012	0,132	FALSE
0,090	0,297	0,003	0,012	0,116	FALSE
0,050	0,312	0,002	0,009	0,065	FALSE
-0,037	0,309	-0,001	0,008	0,054	FALSE
0,105	0,287	0,002	0,008	0,123	FALSE
-0,096	0,297	-0,004	0,010	0,151	FALSE
-0,021	0,314	0,000	0,007	0,006	FALSE
0,082	0,296	0,001	0,007	0,078	FALSE
-0,043	0,323	-0,001	0,008	0,047	FALSE
-0,060	0,305	-0,001	0,007	0,072	FALSE
0,037	0,304	0,001	0,013	0,042	FALSE
-0,025	0,324	-0,001	0,011	0,029	FALSE
0,008	0,301	0,000	0,007	0,002	FALSE
0,010	0,312	0,001	0,011	0,034	FALSE
-0,018	0,316	0,000	0,010	0,004	FALSE
0,159	0,293	0,007	0,012	0,251	FALSE
0,134	0,305	0,005	0,013	0,177	FALSE
-0,012	0,310	-0,001	0,012	0,039	FALSE
-0,004	0,297	-0,001	0,010	0,044	FALSE
-0,003	0,304	0,000	0,006	0,015	FALSE
-0,075	0,326	-0,002	0,007	0,092	FALSE
-0,084	0,305	-0,003	0,010	0,115	FALSE
-0,075	0,313	-0,003	0,011	0,114	FALSE
-0,087	0,321	-0,002	0,008	0,103	FALSE
-0,023	0,328	-0,001	0,008	0,023	FALSE
0,099	0,309	0,002	0,007	0,123	FALSE
0,040	0,309	0,001	0,009	0,031	FALSE
0,085	0,306	0,003	0,011	0,116	FALSE
0,054	0,293	0,001	0,011	0,051	FALSE
0,143	0,314	0,005	0,010	0,189	FALSE
-0,150	0,300	-0,005	0,009	0,246	FALSE
-0,044	0,299	-0,002	0,013	0,063	FALSE
-0,056	0,298	-0,003	0,012	0,084	FALSE
-0,017	0,296	0,000	0,011	0,001	FALSE
0,047	0,301	0,002	0,010	0,071	FALSE
-0,011	0,294	0,000	0,011	0,001	FALSE
-0,058	0,301	-0,002	0,007	0,101	FALSE
-0,014	0,297	0,000	0,007	0,007	FALSE
0,145	0,309	0,004	0,008	0,202	FALSE
0,013	0,311	0,000	0,007	0,006	FALSE
-0,089	0,318	-0,002	0,008	0,114	FALSE
-0,054	0,311	-0,002	0,013	0,044	FALSE
0,012	0,302	0,001	0,009	0,035	FALSE
0,127	0,298	0,004	0,008	0,203	FALSE
-0,167	0,307	-0,004	0,007	0,238	FALSE

-0,141	0,316	-0,004	0,008	0,209	FALSE
0,008	0,320	-0,001	0,009	0,020	FALSE
-0,126	0,312	-0,003	0,008	0,179	FALSE
-0,103	0,304	-0,003	0,008	0,124	FALSE
0,108	0,303	0,003	0,008	0,177	FALSE
-0,045	0,329	-0,002	0,014	0,055	FALSE
0,077	0,308	0,002	0,008	0,101	FALSE
0,039	0,312	0,001	0,009	0,050	FALSE
0,025	0,320	0,001	0,007	0,028	FALSE
0,000	0,299	0,000	0,010	0,012	FALSE
0,014	0,294	0,001	0,009	0,021	FALSE
-0,011	0,308	0,000	0,010	0,006	FALSE
0,066	0,298	0,002	0,012	0,056	FALSE
-0,097	0,292	-0,004	0,013	0,128	FALSE
0,088	0,316	0,002	0,010	0,081	FALSE
0,056	0,305	0,001	0,010	0,032	FALSE
-0,011	0,315	-0,001	0,008	0,044	FALSE
0,050	0,299	0,001	0,010	0,031	FALSE
0,041	0,306	0,001	0,009	0,052	FALSE
0,015	0,303	0,000	0,011	0,002	FALSE
0,027	0,310	0,001	0,006	0,081	FALSE
-0,131	0,315	-0,005	0,012	0,177	FALSE
-0,083	0,312	-0,003	0,011	0,100	FALSE
-0,058	0,312	-0,001	0,012	0,041	FALSE
0,104	0,305	0,004	0,013	0,111	FALSE
-0,030	0,300	-0,001	0,008	0,031	FALSE
-0,110	0,320	-0,005	0,013	0,154	FALSE
-0,077	0,303	-0,002	0,008	0,120	FALSE
-0,034	0,304	-0,001	0,010	0,050	FALSE
-0,078	0,310	-0,003	0,010	0,114	FALSE
0,040	0,320	0,001	0,009	0,053	FALSE
0,068	0,321	0,003	0,013	0,080	FALSE
-0,048	0,312	-0,002	0,012	0,050	FALSE
-0,073	0,319	-0,002	0,008	0,090	FALSE
0,055	0,305	0,001	0,010	0,054	FALSE
-0,110	0,296	-0,004	0,010	0,156	FALSE
-0,084	0,304	-0,003	0,010	0,124	FALSE
-0,052	0,301	-0,001	0,009	0,057	FALSE
0,077	0,317	0,002	0,009	0,090	FALSE
0,062	0,314	0,002	0,009	0,083	FALSE
0,011	0,309	0,000	0,007	0,021	FALSE
-0,050	0,305	-0,002	0,008	0,085	FALSE
-0,113	0,307	-0,003	0,009	0,153	FALSE
-0,206	0,300	-0,007	0,010	0,301	FALSE
0,024	0,301	0,001	0,007	0,032	FALSE
0,011	0,309	0,000	0,011	0,005	FALSE
0,017	0,320	0,001	0,007	0,031	FALSE
-0,058	0,318	-0,002	0,010	0,066	FALSE
0,007	0,318	0,000	0,007	0,008	FALSE
-0,002	0,315	0,001	0,010	0,028	FALSE
0,190	0,290	0,006	0,008	0,298	FALSE
-0,012	0,312	0,000	0,008	0,001	FALSE
-0,055	0,295	-0,001	0,009	0,053	FALSE

-0,020	0,307	0,000	0,007	0,010	FALSE
0,014	0,305	0,001	0,010	0,028	FALSE
-0,051	0,313	-0,001	0,006	0,065	FALSE
-0,039	0,308	0,000	0,012	0,002	FALSE
0,052	0,305	0,001	0,008	0,060	FALSE
-0,040	0,292	0,000	0,009	0,005	FALSE
0,079	0,299	0,003	0,012	0,093	FALSE
-0,092	0,305	-0,004	0,012	0,119	FALSE
0,048	0,306	0,002	0,008	0,072	FALSE
0,096	0,304	0,002	0,007	0,112	FALSE
-0,186	0,308	-0,007	0,012	0,263	FALSE
-0,173	0,291	-0,007	0,011	0,257	FALSE
0,093	0,304	0,002	0,007	0,126	FALSE
-0,108	0,322	-0,005	0,013	0,152	FALSE
-0,038	0,311	-0,001	0,007	0,049	FALSE
0,030	0,298	0,001	0,010	0,021	FALSE
-0,003	0,295	0,000	0,010	0,007	FALSE
0,152	0,310	0,005	0,011	0,203	FALSE
0,124	0,297	0,004	0,011	0,159	FALSE
-0,060	0,317	-0,002	0,012	0,075	FALSE
-0,027	0,301	-0,001	0,007	0,027	FALSE
-0,029	0,316	-0,001	0,009	0,039	FALSE
-0,023	0,295	-0,001	0,009	0,040	FALSE
0,073	0,301	0,002	0,008	0,090	FALSE
-0,125	0,307	-0,003	0,008	0,131	FALSE
0,009	0,303	0,000	0,012	0,009	FALSE
0,101	0,299	0,003	0,010	0,112	FALSE
-0,087	0,308	-0,003	0,008	0,137	FALSE
0,021	0,304	0,000	0,013	0,004	FALSE
0,053	0,316	0,002	0,010	0,060	FALSE
-0,072	0,304	-0,002	0,010	0,066	FALSE
-0,076	0,313	-0,002	0,011	0,086	FALSE
-0,095	0,303	-0,003	0,010	0,101	FALSE
-0,035	0,309	-0,001	0,008	0,031	FALSE
-0,078	0,302	-0,003	0,008	0,141	FALSE
-0,082	0,314	-0,003	0,008	0,137	FALSE
0,031	0,307	0,001	0,007	0,033	FALSE
0,067	0,311	0,001	0,011	0,041	FALSE
-0,028	0,306	-0,001	0,010	0,049	FALSE
-0,065	0,314	-0,004	0,012	0,118	FALSE
0,072	0,296	0,002	0,008	0,084	FALSE
-0,040	0,318	-0,001	0,011	0,038	FALSE
0,065	0,298	0,002	0,010	0,088	FALSE
-0,047	0,303	-0,002	0,013	0,048	FALSE
0,040	0,305	0,001	0,009	0,056	FALSE
-0,047	0,307	-0,001	0,007	0,050	FALSE
-0,070	0,312	-0,001	0,007	0,068	FALSE
-0,125	0,310	-0,004	0,010	0,164	FALSE
0,127	0,308	0,003	0,008	0,148	FALSE
-0,083	0,298	-0,003	0,008	0,132	FALSE
-0,011	0,319	-0,001	0,013	0,023	FALSE
-0,034	0,305	-0,002	0,012	0,048	FALSE
0,070	0,299	0,002	0,007	0,132	FALSE

0,007	0,289	0,000	0,011	0,007	FALSE
-0,083	0,317	-0,002	0,008	0,104	FALSE
0,039	0,294	0,001	0,010	0,029	FALSE
-0,015	0,317	0,000	0,007	0,008	FALSE
-0,064	0,309	-0,004	0,013	0,109	FALSE
0,008	0,296	-0,001	0,009	0,020	FALSE
0,001	0,307	0,000	0,006	0,001	FALSE
0,077	0,314	0,002	0,008	0,099	FALSE
-0,151	0,296	-0,003	0,006	0,218	FALSE
-0,041	0,300	-0,001	0,006	0,084	FALSE
0,050	0,304	0,001	0,007	0,073	FALSE
-0,032	0,306	-0,001	0,009	0,037	FALSE
0,044	0,292	0,001	0,008	0,069	FALSE
-0,020	0,297	-0,001	0,010	0,032	FALSE
0,040	0,300	0,001	0,007	0,074	FALSE
-0,037	0,289	-0,002	0,010	0,058	FALSE
0,009	0,297	0,000	0,006	0,006	FALSE
0,073	0,293	0,002	0,008	0,108	FALSE
-0,003	0,311	0,000	0,013	0,012	FALSE
-0,041	0,306	-0,001	0,007	0,056	FALSE
0,094	0,301	0,002	0,007	0,139	FALSE
-0,028	0,308	-0,001	0,007	0,059	FALSE
-0,034	0,298	0,000	0,007	0,022	FALSE
-0,077	0,312	-0,004	0,014	0,112	FALSE
-0,154	0,312	-0,005	0,010	0,203	FALSE
0,142	0,295	0,004	0,007	0,215	FALSE
-0,033	0,312	-0,001	0,009	0,043	FALSE
0,014	0,317	0,000	0,009	0,003	FALSE
0,105	0,304	0,002	0,006	0,111	FALSE
0,037	0,308	0,001	0,010	0,045	FALSE
-0,039	0,306	-0,002	0,011	0,058	FALSE
0,029	0,309	0,001	0,009	0,046	FALSE
0,064	0,321	0,002	0,010	0,095	FALSE
-0,022	0,301	0,000	0,008	0,015	FALSE
-0,087	0,312	-0,003	0,012	0,083	FALSE
0,011	0,309	0,001	0,012	0,029	FALSE
-0,088	0,313	-0,003	0,011	0,106	FALSE
0,022	0,304	0,001	0,012	0,041	FALSE
0,071	0,308	0,003	0,013	0,097	FALSE
0,034	0,305	0,002	0,012	0,066	FALSE
-0,105	0,316	-0,003	0,008	0,137	FALSE
0,044	0,304	0,001	0,011	0,049	FALSE
0,062	0,299	0,003	0,013	0,089	FALSE
-0,046	0,310	-0,001	0,007	0,060	FALSE
0,089	0,309	0,003	0,008	0,152	FALSE
-0,142	0,304	-0,005	0,011	0,171	FALSE
-0,022	0,301	0,000	0,006	0,022	FALSE
-0,079	0,293	-0,002	0,008	0,120	FALSE
-0,053	0,297	-0,002	0,012	0,073	FALSE
0,001	0,302	0,000	0,008	0,005	FALSE
0,159	0,309	0,006	0,012	0,212	FALSE
0,061	0,299	0,001	0,007	0,041	FALSE
-0,022	0,302	-0,001	0,007	0,049	FALSE

-0,022	0,311	-0,001	0,006	0,045	FALSE
0,251	0,304	0,007	0,008	0,393	FALSE
-0,067	0,295	-0,002	0,007	0,102	FALSE
-0,048	0,306	-0,002	0,010	0,072	FALSE
-0,076	0,308	-0,002	0,008	0,085	FALSE
-0,049	0,304	-0,001	0,010	0,027	FALSE
-0,057	0,297	-0,001	0,010	0,053	FALSE
-0,062	0,309	-0,003	0,009	0,107	FALSE
-0,008	0,303	0,001	0,010	0,021	FALSE
-0,023	0,303	0,000	0,010	0,013	FALSE
-0,061	0,306	-0,001	0,006	0,072	FALSE
0,037	0,301	0,002	0,010	0,062	FALSE
-0,007	0,301	-0,001	0,012	0,016	FALSE
0,089	0,298	0,003	0,012	0,104	FALSE
-0,027	0,318	0,000	0,007	0,024	FALSE
0,021	0,299	0,000	0,008	0,003	FALSE
0,087	0,298	0,003	0,010	0,143	FALSE
-0,085	0,312	-0,004	0,012	0,125	FALSE
0,005	0,315	0,000	0,007	0,020	FALSE
0,068	0,296	0,002	0,008	0,077	FALSE
-0,064	0,305	-0,002	0,013	0,053	FALSE
-0,068	0,302	-0,002	0,012	0,046	FALSE
0,010	0,304	-0,001	0,007	0,030	FALSE
0,087	0,301	0,003	0,008	0,125	FALSE
0,072	0,319	0,002	0,009	0,090	FALSE
-0,039	0,294	-0,001	0,006	0,074	FALSE
0,076	0,319	0,002	0,008	0,077	FALSE
0,056	0,317	0,001	0,013	0,032	FALSE
0,079	0,310	0,002	0,007	0,116	FALSE
-0,129	0,303	-0,002	0,007	0,136	FALSE
0,063	0,306	0,001	0,007	0,065	FALSE
-0,091	0,308	-0,003	0,011	0,123	FALSE
-0,037	0,298	-0,001	0,006	0,075	FALSE
0,001	0,309	0,001	0,008	0,030	FALSE
-0,032	0,307	-0,001	0,011	0,041	FALSE
-0,060	0,311	-0,002	0,008	0,103	FALSE
-0,098	0,287	-0,002	0,009	0,106	FALSE
0,045	0,320	0,001	0,006	0,049	FALSE
0,141	0,300	0,005	0,013	0,178	FALSE
0,135	0,308	0,005	0,012	0,163	FALSE
0,081	0,308	0,003	0,010	0,103	FALSE
0,110	0,313	0,002	0,007	0,102	FALSE
0,073	0,303	0,002	0,007	0,084	FALSE
-0,039	0,304	-0,003	0,011	0,106	FALSE
0,029	0,311	0,000	0,007	0,010	FALSE
-0,079	0,306	-0,002	0,008	0,072	FALSE
-0,010	0,318	-0,001	0,007	0,043	FALSE
-0,014	0,299	-0,001	0,007	0,054	FALSE
0,135	0,313	0,003	0,007	0,190	FALSE
0,051	0,305	0,001	0,008	0,042	FALSE
0,000	0,306	0,000	0,007	0,000	FALSE
-0,012	0,307	0,000	0,009	0,018	FALSE
0,088	0,297	0,005	0,012	0,149	FALSE

-0,063	0,321	-0,003	0,011	0,094	FALSE
-0,102	0,308	-0,004	0,013	0,134	FALSE
0,055	0,312	0,003	0,013	0,079	FALSE
-0,065	0,300	-0,001	0,012	0,043	FALSE
-0,135	0,304	-0,004	0,008	0,198	FALSE
0,035	0,302	0,001	0,007	0,065	FALSE
0,045	0,291	0,001	0,006	0,070	FALSE
0,033	0,309	0,001	0,007	0,060	FALSE
0,035	0,301	0,002	0,012	0,063	FALSE
0,075	0,315	0,004	0,013	0,123	FALSE
0,096	0,304	0,003	0,008	0,128	FALSE
0,050	0,303	0,001	0,010	0,052	FALSE
0,033	0,298	0,001	0,010	0,037	FALSE
-0,214	0,298	-0,007	0,009	0,333	FALSE
0,019	0,313	0,001	0,010	0,049	FALSE
-0,064	0,305	-0,001	0,006	0,060	FALSE
0,132	0,307	0,003	0,007	0,186	FALSE
0,015	0,320	0,000	0,007	0,002	FALSE
-0,022	0,314	-0,001	0,013	0,031	FALSE
-0,148	0,320	-0,004	0,008	0,211	FALSE
0,021	0,311	0,000	0,006	0,013	FALSE
0,010	0,319	0,001	0,008	0,038	FALSE
-0,005	0,296	0,000	0,010	0,015	FALSE
-0,086	0,302	-0,002	0,008	0,104	FALSE
0,039	0,296	0,001	0,010	0,052	FALSE
0,140	0,306	0,005	0,010	0,193	FALSE
-0,058	0,302	-0,002	0,007	0,099	FALSE
0,187	0,310	0,005	0,008	0,278	FALSE
0,048	0,296	0,002	0,008	0,077	FALSE
-0,067	0,296	-0,003	0,012	0,108	FALSE
-0,068	0,304	-0,001	0,007	0,085	FALSE
-0,016	0,304	0,000	0,006	0,027	FALSE
-0,028	0,310	-0,001	0,009	0,026	FALSE
-0,012	0,318	-0,001	0,008	0,028	FALSE
0,032	0,304	0,002	0,012	0,060	FALSE
-0,027	0,308	-0,002	0,012	0,051	FALSE
-0,059	0,316	-0,002	0,011	0,071	FALSE
0,008	0,312	0,000	0,009	0,000	FALSE
-0,086	0,302	-0,002	0,009	0,082	FALSE
0,006	0,314	0,000	0,008	0,007	FALSE
-0,052	0,302	-0,001	0,008	0,057	FALSE
0,021	0,299	0,001	0,011	0,020	FALSE
0,007	0,299	0,000	0,010	0,010	FALSE
-0,086	0,315	-0,003	0,010	0,104	FALSE
-0,087	0,307	-0,002	0,009	0,095	FALSE
0,099	0,298	0,002	0,006	0,122	FALSE
0,001	0,310	0,001	0,009	0,020	FALSE
0,085	0,306	0,001	0,006	0,083	FALSE
0,081	0,295	0,002	0,007	0,088	FALSE
0,003	0,298	0,000	0,008	0,007	FALSE
0,021	0,294	0,001	0,010	0,024	FALSE
-0,021	0,311	-0,001	0,013	0,019	FALSE
0,038	0,305	0,001	0,007	0,056	FALSE

-0,030	0,305	0,000	0,007	0,021	FALSE
0,080	0,301	0,003	0,012	0,100	FALSE
0,025	0,300	0,000	0,009	0,012	FALSE
-0,089	0,298	-0,003	0,012	0,086	FALSE
0,046	0,319	0,002	0,012	0,060	FALSE
0,023	0,299	0,001	0,012	0,031	FALSE
0,044	0,309	0,002	0,011	0,059	FALSE
0,036	0,300	0,001	0,012	0,026	FALSE
0,172	0,291	0,007	0,012	0,245	FALSE
-0,181	0,313	-0,007	0,013	0,248	FALSE
-0,068	0,311	-0,001	0,007	0,078	FALSE
0,066	0,300	0,002	0,013	0,048	FALSE
-0,050	0,297	-0,002	0,011	0,057	FALSE
-0,014	0,297	0,000	0,006	0,029	FALSE
0,030	0,302	0,001	0,010	0,042	FALSE
0,019	0,305	0,001	0,011	0,026	FALSE
0,002	0,301	0,000	0,010	0,011	FALSE
0,044	0,301	0,001	0,010	0,020	FALSE
0,054	0,307	0,001	0,007	0,067	FALSE
-0,009	0,309	-0,001	0,010	0,019	FALSE
0,117	0,298	0,005	0,011	0,202	FALSE
-0,087	0,300	-0,003	0,011	0,103	FALSE
-0,057	0,308	-0,002	0,012	0,060	FALSE
0,099	0,309	0,002	0,008	0,086	FALSE
-0,043	0,312	-0,003	0,012	0,083	FALSE
-0,058	0,303	-0,001	0,006	0,082	FALSE
-0,063	0,310	-0,002	0,010	0,077	FALSE
0,000	0,310	0,000	0,008	0,008	FALSE
-0,098	0,310	-0,002	0,008	0,095	FALSE
0,012	0,310	0,000	0,010	0,005	FALSE
0,031	0,303	0,000	0,008	0,015	FALSE
0,035	0,294	0,001	0,011	0,034	FALSE
0,026	0,309	0,001	0,013	0,023	FALSE
-0,138	0,309	-0,005	0,013	0,166	FALSE
-0,009	0,323	-0,001	0,012	0,031	FALSE
-0,082	0,308	-0,002	0,007	0,122	FALSE
-0,076	0,312	-0,002	0,010	0,069	FALSE
-0,058	0,315	-0,001	0,006	0,032	FALSE
0,092	0,312	0,003	0,009	0,140	FALSE
-0,057	0,309	-0,001	0,008	0,057	FALSE
-0,018	0,311	0,000	0,013	0,001	FALSE
-0,033	0,299	-0,001	0,008	0,063	FALSE
0,019	0,304	0,001	0,007	0,029	FALSE
0,009	0,310	0,000	0,007	0,018	FALSE
-0,090	0,297	-0,004	0,010	0,141	FALSE
-0,061	0,315	-0,003	0,012	0,088	FALSE
-0,204	0,300	-0,006	0,009	0,302	FALSE
-0,153	0,299	-0,004	0,007	0,205	FALSE
-0,129	0,311	-0,005	0,012	0,161	FALSE
-0,169	0,300	-0,005	0,010	0,226	FALSE
0,136	0,291	0,005	0,012	0,166	FALSE
-0,041	0,310	-0,001	0,007	0,045	FALSE
0,165	0,303	0,007	0,013	0,215	FALSE

-0,062	0,315	-0,002	0,012	0,075	FALSE
-0,016	0,301	0,000	0,009	0,011	FALSE
0,188	0,301	0,008	0,013	0,287	FALSE
-0,112	0,308	-0,004	0,012	0,141	FALSE
-0,037	0,313	-0,001	0,008	0,025	FALSE
-0,019	0,312	-0,001	0,009	0,021	FALSE
0,069	0,311	0,001	0,007	0,075	FALSE
-0,038	0,313	-0,002	0,011	0,053	FALSE
-0,034	0,316	-0,001	0,010	0,037	FALSE
-0,089	0,308	-0,002	0,007	0,103	FALSE
0,014	0,312	0,001	0,012	0,036	FALSE
0,032	0,318	0,001	0,007	0,028	FALSE
0,063	0,314	0,002	0,009	0,064	FALSE
0,099	0,301	0,003	0,010	0,133	FALSE
-0,031	0,299	-0,001	0,009	0,051	FALSE
-0,047	0,298	-0,001	0,012	0,028	FALSE
-0,139	0,311	-0,004	0,010	0,185	FALSE
-0,084	0,302	-0,002	0,009	0,093	FALSE
0,038	0,303	0,001	0,008	0,059	FALSE
0,031	0,311	0,001	0,007	0,041	FALSE
0,103	0,301	0,004	0,008	0,188	FALSE
0,019	0,314	0,000	0,008	0,009	FALSE
-0,095	0,318	-0,002	0,007	0,129	FALSE
-0,227	0,293	-0,006	0,008	0,374	FALSE
-0,058	0,306	-0,002	0,008	0,075	FALSE
0,015	0,305	0,000	0,006	0,013	FALSE
0,004	0,321	0,000	0,008	0,017	FALSE
0,020	0,303	0,000	0,009	0,012	FALSE
0,064	0,306	0,001	0,007	0,053	FALSE
0,097	0,302	0,003	0,008	0,136	FALSE
0,135	0,291	0,004	0,008	0,201	FALSE
-0,052	0,311	-0,001	0,008	0,062	FALSE
0,083	0,305	0,002	0,007	0,106	FALSE
0,153	0,311	0,003	0,007	0,200	FALSE
0,127	0,291	0,004	0,009	0,175	FALSE
-0,007	0,301	0,000	0,007	0,017	FALSE
-0,065	0,296	-0,003	0,013	0,096	FALSE
0,040	0,314	0,001	0,007	0,057	FALSE
0,069	0,300	0,002	0,011	0,078	FALSE
-0,105	0,301	-0,003	0,010	0,125	FALSE
-0,015	0,303	0,000	0,010	0,001	FALSE
-0,042	0,284	-0,001	0,009	0,060	FALSE
-0,054	0,302	-0,001	0,008	0,069	FALSE
0,070	0,313	0,002	0,013	0,044	FALSE
0,045	0,317	0,000	0,011	0,007	FALSE
0,068	0,311	0,002	0,011	0,061	FALSE
0,047	0,316	0,002	0,010	0,058	FALSE
0,020	0,300	0,000	0,007	0,012	FALSE
-0,059	0,314	-0,002	0,012	0,058	FALSE
0,039	0,297	0,001	0,012	0,045	FALSE
-0,067	0,312	-0,002	0,008	0,068	FALSE
-0,059	0,306	-0,001	0,011	0,049	FALSE
0,043	0,313	0,001	0,009	0,061	FALSE

0,021	0,311	0,001	0,006	0,033	FALSE
0,001	0,301	0,000	0,011	0,004	FALSE
0,010	0,332	0,000	0,013	0,009	FALSE
-0,023	0,316	0,000	0,008	0,010	FALSE
0,085	0,300	0,002	0,007	0,127	FALSE
-0,027	0,300	0,000	0,007	0,002	FALSE
0,137	0,293	0,003	0,007	0,176	FALSE
-0,025	0,302	0,000	0,008	0,007	FALSE
0,040	0,325	0,001	0,009	0,031	FALSE
0,029	0,310	0,001	0,011	0,044	FALSE
-0,042	0,304	-0,001	0,007	0,027	FALSE
0,057	0,310	0,003	0,012	0,106	FALSE
-0,104	0,293	-0,005	0,011	0,175	FALSE
0,019	0,310	0,001	0,008	0,042	FALSE
0,009	0,308	0,000	0,011	0,007	FALSE
-0,043	0,309	-0,001	0,010	0,038	FALSE
-0,029	0,313	-0,002	0,011	0,050	FALSE
0,048	0,308	0,002	0,012	0,071	FALSE
0,025	0,319	0,000	0,010	0,001	FALSE
0,064	0,297	0,003	0,012	0,087	FALSE
-0,048	0,307	-0,002	0,012	0,058	FALSE
-0,010	0,289	0,000	0,011	0,010	FALSE
-0,012	0,318	0,000	0,013	0,010	FALSE
0,052	0,322	0,002	0,013	0,048	FALSE
-0,077	0,301	-0,003	0,010	0,121	FALSE
0,048	0,303	0,002	0,007	0,095	FALSE
0,036	0,305	0,002	0,009	0,068	FALSE
-0,031	0,312	-0,001	0,008	0,042	FALSE
-0,011	0,312	0,000	0,009	0,017	FALSE
0,011	0,320	0,000	0,011	0,009	FALSE
-0,015	0,303	0,000	0,012	0,008	FALSE
0,028	0,300	0,000	0,009	0,014	FALSE
0,040	0,318	0,001	0,009	0,039	FALSE
0,028	0,320	0,002	0,013	0,047	FALSE
0,122	0,291	0,003	0,008	0,176	FALSE
-0,040	0,314	-0,002	0,013	0,044	FALSE
-0,105	0,309	-0,004	0,011	0,134	FALSE
0,014	0,293	0,001	0,007	0,054	FALSE
-0,036	0,311	-0,001	0,008	0,047	FALSE
0,096	0,305	0,003	0,006	0,168	FALSE
0,016	0,300	0,000	0,007	0,021	FALSE
0,035	0,309	0,002	0,012	0,055	FALSE
-0,094	0,318	-0,002	0,008	0,080	FALSE
-0,043	0,303	-0,001	0,008	0,059	FALSE
0,027	0,302	0,001	0,012	0,016	FALSE
0,099	0,306	0,002	0,007	0,133	FALSE
0,027	0,303	0,001	0,009	0,026	FALSE
0,014	0,304	0,001	0,012	0,025	FALSE
0,085	0,332	0,002	0,008	0,118	FALSE
-0,011	0,293	0,000	0,006	0,007	FALSE
-0,055	0,304	-0,001	0,007	0,077	FALSE
-0,030	0,304	-0,001	0,007	0,029	FALSE
-0,090	0,303	-0,003	0,011	0,115	FALSE

0,021	0,323	0,001	0,010	0,024	FALSE
-0,011	0,318	-0,001	0,012	0,015	FALSE
0,014	0,314	0,001	0,013	0,035	FALSE
-0,014	0,304	0,000	0,012	0,010	FALSE
-0,113	0,302	-0,003	0,008	0,157	FALSE
-0,111	0,312	-0,003	0,008	0,148	FALSE
-0,064	0,312	-0,004	0,012	0,118	FALSE
-0,064	0,308	-0,001	0,008	0,073	FALSE
0,002	0,297	0,001	0,007	0,037	FALSE
-0,022	0,319	-0,001	0,012	0,032	FALSE
-0,117	0,305	-0,005	0,013	0,162	FALSE
-0,089	0,312	-0,004	0,013	0,140	FALSE
-0,007	0,306	0,000	0,007	0,004	FALSE
-0,128	0,304	-0,004	0,010	0,148	FALSE
-0,087	0,293	-0,004	0,012	0,114	FALSE
-0,103	0,313	-0,002	0,007	0,120	FALSE
0,069	0,307	0,002	0,011	0,072	FALSE
-0,061	0,313	-0,001	0,008	0,065	FALSE
-0,084	0,308	-0,002	0,009	0,107	FALSE
-0,040	0,299	-0,002	0,008	0,084	FALSE
-0,064	0,294	-0,003	0,008	0,126	FALSE
0,066	0,295	0,001	0,008	0,061	FALSE
0,053	0,316	0,001	0,008	0,046	FALSE
0,066	0,298	0,002	0,009	0,099	FALSE
-0,043	0,301	-0,003	0,012	0,082	FALSE
0,035	0,307	0,000	0,012	0,013	FALSE
-0,002	0,325	0,000	0,007	0,003	FALSE
-0,055	0,308	-0,001	0,011	0,049	FALSE
0,059	0,300	0,002	0,012	0,060	FALSE
0,071	0,313	0,002	0,009	0,093	FALSE
-0,066	0,310	-0,002	0,011	0,058	FALSE
-0,091	0,313	-0,002	0,010	0,091	FALSE
0,065	0,304	0,002	0,009	0,084	FALSE
0,002	0,307	0,001	0,009	0,021	FALSE
-0,001	0,299	0,000	0,008	0,011	FALSE
0,006	0,308	0,000	0,008	0,011	FALSE
-0,045	0,328	-0,001	0,013	0,042	FALSE
-0,053	0,299	-0,002	0,012	0,053	FALSE
-0,080	0,307	-0,002	0,008	0,090	FALSE
0,069	0,314	0,002	0,010	0,092	FALSE
0,066	0,308	0,002	0,012	0,069	FALSE
0,049	0,294	0,001	0,007	0,030	FALSE
0,051	0,300	0,002	0,012	0,078	FALSE
0,001	0,294	0,000	0,009	0,001	FALSE
0,023	0,315	0,001	0,008	0,038	FALSE
0,007	0,310	0,000	0,008	0,008	FALSE
-0,011	0,314	-0,001	0,008	0,031	FALSE
-0,038	0,315	-0,001	0,008	0,057	FALSE
-0,014	0,309	0,000	0,006	0,015	FALSE
0,038	0,316	0,001	0,009	0,055	FALSE
0,023	0,309	0,001	0,009	0,033	FALSE
0,012	0,320	0,000	0,013	0,005	FALSE
0,030	0,301	0,002	0,013	0,060	FALSE

0,013	0,295	0,000	0,006	0,003	FALSE
0,083	0,300	0,002	0,006	0,096	FALSE
-0,147	0,312	-0,004	0,008	0,196	FALSE
-0,166	0,308	-0,004	0,008	0,228	FALSE
0,094	0,305	0,002	0,007	0,113	FALSE
0,048	0,305	0,002	0,010	0,069	FALSE
0,004	0,299	0,000	0,006	0,026	FALSE
0,009	0,313	0,000	0,012	0,011	FALSE
-0,042	0,298	-0,002	0,012	0,063	FALSE
-0,015	0,313	0,000	0,012	0,009	FALSE
0,001	0,323	0,000	0,012	0,005	FALSE
0,036	0,305	0,001	0,010	0,034	FALSE
-0,060	0,316	-0,001	0,007	0,065	FALSE
0,123	0,306	0,004	0,011	0,157	FALSE
-0,055	0,323	-0,002	0,007	0,079	FALSE
0,078	0,316	0,002	0,008	0,089	FALSE
0,031	0,305	0,000	0,010	0,014	FALSE
0,119	0,300	0,003	0,009	0,145	FALSE
0,042	0,312	0,001	0,013	0,039	FALSE
0,046	0,313	0,001	0,008	0,066	FALSE
0,070	0,322	0,003	0,012	0,091	FALSE
0,158	0,295	0,005	0,011	0,186	FALSE
-0,122	0,299	-0,004	0,013	0,139	FALSE
-0,023	0,297	-0,001	0,012	0,037	FALSE
0,034	0,292	0,001	0,011	0,034	FALSE
-0,008	0,319	-0,001	0,009	0,041	FALSE
0,030	0,316	0,000	0,010	0,015	FALSE
0,036	0,316	0,001	0,009	0,034	FALSE
0,030	0,312	0,001	0,009	0,025	FALSE
0,070	0,314	0,002	0,007	0,080	FALSE
0,023	0,310	0,000	0,009	0,011	FALSE
0,080	0,311	0,003	0,011	0,117	FALSE
0,075	0,312	0,003	0,010	0,103	FALSE
0,110	0,329	0,004	0,012	0,136	FALSE
0,023	0,307	0,000	0,012	0,011	FALSE
-0,020	0,296	-0,001	0,013	0,031	FALSE
0,061	0,311	0,002	0,012	0,077	FALSE
-0,040	0,305	-0,002	0,010	0,089	FALSE
0,019	0,313	0,001	0,012	0,016	FALSE
0,052	0,304	0,002	0,008	0,076	FALSE
-0,072	0,296	-0,003	0,011	0,101	FALSE
0,071	0,303	0,003	0,013	0,093	FALSE
-0,053	0,302	-0,002	0,012	0,059	FALSE
0,089	0,308	0,004	0,011	0,141	FALSE
-0,145	0,311	-0,007	0,013	0,239	FALSE
-0,064	0,310	-0,003	0,011	0,102	FALSE
0,069	0,309	0,002	0,007	0,109	FALSE
0,028	0,307	0,001	0,006	0,034	FALSE
0,099	0,311	0,003	0,008	0,122	FALSE
0,040	0,316	0,002	0,012	0,062	FALSE
-0,048	0,301	-0,002	0,012	0,076	FALSE
0,000	0,317	0,000	0,012	0,005	FALSE
-0,051	0,319	-0,002	0,009	0,080	FALSE

-0,100	0,302	-0,006	0,012	0,206	FALSE
-0,049	0,303	-0,001	0,007	0,079	FALSE
0,105	0,290	0,007	0,012	0,242	FALSE
0,066	0,294	0,004	0,013	0,137	FALSE
0,106	0,300	0,003	0,008	0,146	FALSE
-0,056	0,298	-0,002	0,008	0,075	FALSE
0,041	0,309	0,001	0,012	0,031	FALSE
-0,057	0,307	-0,001	0,007	0,073	FALSE
-0,130	0,300	-0,004	0,009	0,150	FALSE
-0,039	0,305	-0,001	0,012	0,042	FALSE
0,066	0,315	0,003	0,012	0,092	FALSE
-0,219	0,311	-0,009	0,013	0,323	FALSE
0,008	0,317	0,000	0,007	0,004	FALSE
0,027	0,316	0,000	0,007	0,005	FALSE
0,048	0,308	0,001	0,011	0,035	FALSE
-0,016	0,302	-0,001	0,007	0,043	FALSE
-0,033	0,311	-0,001	0,007	0,058	FALSE
0,078	0,314	0,002	0,011	0,070	FALSE
0,076	0,301	0,002	0,007	0,102	FALSE
0,110	0,301	0,003	0,008	0,133	FALSE
-0,022	0,309	-0,001	0,007	0,047	FALSE
-0,067	0,307	-0,002	0,008	0,104	FALSE
-0,122	0,308	-0,005	0,013	0,149	FALSE
0,057	0,304	0,001	0,007	0,052	FALSE
-0,025	0,307	0,000	0,008	0,008	FALSE
-0,072	0,306	-0,003	0,008	0,129	FALSE
0,145	0,301	0,005	0,009	0,214	FALSE
-0,023	0,318	0,000	0,012	0,007	FALSE
-0,011	0,306	0,000	0,009	0,012	FALSE
0,098	0,305	0,002	0,008	0,098	FALSE
-0,040	0,313	-0,001	0,007	0,033	FALSE
-0,139	0,304	-0,005	0,012	0,177	FALSE
-0,153	0,307	-0,006	0,012	0,216	FALSE
-0,140	0,308	-0,006	0,012	0,189	FALSE
-0,211	0,308	-0,007	0,010	0,304	FALSE
-0,086	0,301	-0,002	0,007	0,105	FALSE
-0,017	0,298	-0,001	0,008	0,030	FALSE
-0,020	0,311	0,000	0,007	0,018	FALSE
0,014	0,316	0,001	0,010	0,040	FALSE
-0,090	0,319	-0,005	0,013	0,156	FALSE
0,038	0,310	0,002	0,010	0,061	FALSE
-0,045	0,309	-0,001	0,011	0,048	FALSE
-0,058	0,310	-0,001	0,010	0,045	FALSE
0,011	0,308	0,001	0,011	0,020	FALSE
0,069	0,312	0,001	0,006	0,058	FALSE
0,089	0,303	0,002	0,007	0,088	FALSE
-0,071	0,308	-0,002	0,007	0,078	FALSE
-0,049	0,297	-0,002	0,008	0,078	FALSE
0,013	0,303	0,001	0,012	0,040	FALSE
0,030	0,314	0,002	0,013	0,046	FALSE
0,001	0,292	-0,001	0,009	0,036	FALSE
-0,063	0,299	-0,002	0,011	0,080	FALSE
0,016	0,304	0,001	0,007	0,027	FALSE

-0,008	0,311	-0,001	0,007	0,026	FALSE
0,043	0,320	0,002	0,013	0,054	FALSE
-0,046	0,317	-0,001	0,009	0,047	FALSE
-0,022	0,304	-0,001	0,006	0,030	FALSE
0,026	0,296	0,001	0,007	0,056	FALSE
0,155	0,303	0,005	0,008	0,243	FALSE
-0,112	0,312	-0,003	0,007	0,176	FALSE
-0,066	0,310	-0,002	0,012	0,077	FALSE
0,049	0,317	0,001	0,011	0,036	FALSE
-0,085	0,315	-0,002	0,009	0,101	FALSE
0,093	0,324	0,004	0,012	0,127	FALSE
0,075	0,311	0,003	0,011	0,111	FALSE
0,080	0,311	0,004	0,011	0,124	FALSE
-0,035	0,309	0,000	0,007	0,013	FALSE
-0,030	0,311	-0,001	0,008	0,022	FALSE
0,063	0,293	0,003	0,012	0,085	FALSE
0,139	0,304	0,006	0,012	0,201	FALSE
0,040	0,309	0,001	0,010	0,029	FALSE
0,013	0,292	0,001	0,009	0,044	FALSE
0,044	0,292	0,002	0,008	0,081	FALSE
0,098	0,311	0,004	0,009	0,162	FALSE
0,033	0,291	0,002	0,011	0,086	FALSE
0,081	0,305	0,003	0,011	0,124	FALSE
-0,146	0,312	-0,002	0,006	0,162	FALSE
-0,106	0,317	-0,002	0,007	0,124	FALSE
0,118	0,300	0,003	0,009	0,162	FALSE
-0,167	0,318	-0,004	0,009	0,213	FALSE
-0,104	0,314	-0,003	0,008	0,117	FALSE
-0,043	0,298	-0,001	0,008	0,059	FALSE
0,002	0,305	0,000	0,007	0,003	FALSE
0,044	0,305	0,001	0,012	0,038	FALSE
0,090	0,301	0,003	0,008	0,162	FALSE
0,016	0,306	0,001	0,012	0,045	FALSE
0,002	0,315	0,001	0,012	0,026	FALSE
0,063	0,311	0,003	0,011	0,086	FALSE
0,025	0,312	0,001	0,008	0,041	FALSE
0,151	0,304	0,005	0,009	0,212	FALSE
0,065	0,299	0,002	0,012	0,076	FALSE
0,064	0,308	0,001	0,007	0,057	FALSE
0,038	0,305	0,001	0,009	0,036	FALSE
0,063	0,310	0,002	0,012	0,060	FALSE
-0,168	0,296	-0,006	0,011	0,248	FALSE
0,067	0,305	0,002	0,011	0,063	FALSE
0,153	0,303	0,005	0,010	0,194	FALSE
0,053	0,301	0,002	0,009	0,098	FALSE
0,066	0,319	0,003	0,013	0,089	FALSE
-0,126	0,300	-0,004	0,009	0,186	FALSE
-0,013	0,312	0,000	0,008	0,009	FALSE
-0,027	0,288	-0,001	0,011	0,026	FALSE
0,012	0,323	0,000	0,007	0,013	FALSE
0,059	0,331	0,002	0,011	0,081	FALSE
-0,021	0,297	0,000	0,010	0,011	FALSE
0,044	0,301	0,001	0,008	0,044	FALSE

0,017	0,309	0,000	0,012	0,001	FALSE
-0,040	0,312	-0,001	0,010	0,033	FALSE
-0,147	0,310	-0,006	0,013	0,202	FALSE
-0,167	0,296	-0,007	0,012	0,227	FALSE
-0,169	0,298	-0,007	0,013	0,239	FALSE
0,052	0,290	0,001	0,006	0,045	FALSE
0,047	0,301	0,002	0,009	0,080	FALSE
-0,085	0,314	-0,003	0,009	0,114	FALSE
-0,026	0,320	-0,001	0,008	0,031	FALSE
0,038	0,298	0,001	0,007	0,057	FALSE
-0,006	0,316	0,000	0,007	0,009	FALSE
0,022	0,334	0,001	0,010	0,029	FALSE
0,051	0,298	0,002	0,009	0,073	FALSE
0,153	0,298	0,004	0,009	0,205	FALSE
0,169	0,308	0,006	0,012	0,207	FALSE
-0,126	0,307	-0,006	0,013	0,193	FALSE
-0,061	0,321	-0,002	0,011	0,087	FALSE
0,075	0,293	0,002	0,008	0,089	FALSE
-0,001	0,293	0,000	0,007	0,011	FALSE
0,059	0,309	0,002	0,010	0,078	FALSE
-0,078	0,307	-0,002	0,012	0,073	FALSE
0,022	0,295	0,001	0,007	0,042	FALSE
-0,013	0,321	-0,001	0,012	0,025	FALSE
0,052	0,297	0,002	0,009	0,077	FALSE
0,047	0,299	0,002	0,010	0,081	FALSE
-0,078	0,307	-0,002	0,008	0,111	FALSE
0,028	0,305	0,001	0,007	0,037	FALSE
-0,008	0,309	0,000	0,008	0,001	FALSE
0,084	0,315	0,002	0,008	0,121	FALSE
-0,111	0,315	-0,002	0,007	0,125	FALSE
-0,121	0,309	-0,002	0,007	0,153	FALSE
-0,003	0,307	0,000	0,007	0,018	FALSE
0,155	0,309	0,005	0,011	0,211	FALSE
0,054	0,313	0,002	0,007	0,089	FALSE
0,007	0,328	0,000	0,007	0,013	FALSE
0,115	0,305	0,004	0,012	0,135	FALSE
0,019	0,308	0,001	0,007	0,050	FALSE
0,010	0,312	0,000	0,007	0,009	FALSE
0,147	0,296	0,004	0,008	0,178	FALSE
0,096	0,294	0,004	0,012	0,116	FALSE
-0,022	0,311	-0,001	0,012	0,038	FALSE
-0,054	0,303	-0,001	0,008	0,058	FALSE
-0,021	0,321	-0,001	0,011	0,022	FALSE
-0,044	0,308	-0,001	0,012	0,041	FALSE
-0,109	0,306	-0,005	0,012	0,153	FALSE
-0,001	0,314	0,000	0,010	0,006	FALSE
0,091	0,298	0,003	0,009	0,130	FALSE
0,108	0,303	0,004	0,009	0,163	FALSE
-0,091	0,310	-0,004	0,011	0,148	FALSE
0,036	0,304	0,001	0,012	0,046	FALSE
-0,090	0,317	-0,004	0,011	0,137	FALSE
-0,016	0,319	-0,001	0,012	0,029	FALSE
-0,172	0,302	-0,005	0,009	0,258	FALSE

-0,003	0,309	0,001	0,008	0,023	FALSE
-0,049	0,320	-0,001	0,007	0,072	FALSE
-0,002	0,311	0,001	0,007	0,028	FALSE
0,078	0,295	0,003	0,011	0,102	FALSE
0,092	0,305	0,004	0,011	0,133	FALSE
-0,044	0,304	-0,001	0,009	0,050	FALSE
-0,035	0,312	-0,001	0,007	0,041	FALSE
-0,087	0,316	-0,003	0,011	0,104	FALSE
0,018	0,313	0,001	0,007	0,030	FALSE
-0,065	0,320	-0,001	0,009	0,057	FALSE
0,044	0,318	0,002	0,010	0,061	FALSE
0,030	0,304	0,002	0,011	0,070	FALSE
-0,035	0,310	-0,001	0,011	0,023	FALSE
0,039	0,310	0,001	0,012	0,028	FALSE
-0,039	0,305	-0,001	0,009	0,043	FALSE
-0,002	0,305	0,000	0,010	0,001	FALSE
-0,008	0,315	0,000	0,009	0,008	FALSE
-0,088	0,309	-0,003	0,010	0,108	FALSE
-0,010	0,313	0,001	0,011	0,017	FALSE
-0,043	0,313	-0,001	0,012	0,029	FALSE
-0,114	0,294	-0,007	0,013	0,224	FALSE
0,123	0,311	0,004	0,009	0,175	FALSE
-0,132	0,297	-0,005	0,012	0,181	FALSE
0,061	0,301	0,003	0,009	0,114	FALSE
0,013	0,300	-0,001	0,011	0,022	FALSE
-0,038	0,320	-0,001	0,007	0,042	FALSE
0,051	0,302	0,002	0,012	0,065	FALSE
-0,019	0,298	0,000	0,007	0,016	FALSE
-0,099	0,308	-0,003	0,010	0,116	FALSE
-0,036	0,309	-0,001	0,012	0,026	FALSE
0,005	0,300	0,000	0,007	0,021	FALSE
-0,008	0,318	0,000	0,008	0,010	FALSE
-0,124	0,300	-0,003	0,010	0,129	FALSE
0,051	0,305	0,001	0,012	0,037	FALSE
-0,019	0,291	0,000	0,010	0,007	FALSE
-0,024	0,298	-0,001	0,012	0,036	FALSE
-0,015	0,323	-0,001	0,009	0,031	FALSE
-0,066	0,314	-0,002	0,008	0,100	FALSE
0,037	0,312	0,002	0,007	0,077	FALSE
0,041	0,307	0,001	0,013	0,037	FALSE
-0,072	0,312	-0,001	0,007	0,066	FALSE
0,067	0,307	0,002	0,009	0,096	FALSE
0,059	0,322	0,001	0,010	0,052	FALSE
0,069	0,320	0,003	0,010	0,103	FALSE
0,022	0,302	0,001	0,006	0,072	FALSE
-0,065	0,306	-0,003	0,012	0,113	FALSE
-0,141	0,302	-0,003	0,006	0,182	FALSE
0,140	0,304	0,005	0,013	0,178	FALSE
-0,161	0,307	-0,008	0,013	0,270	FALSE
-0,131	0,309	-0,004	0,009	0,182	FALSE
0,128	0,288	0,004	0,011	0,140	FALSE
-0,151	0,311	-0,005	0,010	0,233	FALSE
0,069	0,311	0,002	0,007	0,091	FALSE

0,057	0,301	0,002	0,011	0,064	FALSE
0,017	0,302	0,000	0,007	0,019	FALSE
-0,011	0,313	-0,001	0,011	0,031	FALSE
-0,016	0,297	-0,001	0,008	0,035	FALSE
0,049	0,305	0,001	0,007	0,072	FALSE
0,063	0,302	0,002	0,007	0,095	FALSE
-0,019	0,304	-0,001	0,008	0,044	FALSE
-0,070	0,298	-0,003	0,012	0,101	FALSE
-0,133	0,306	-0,005	0,012	0,173	FALSE
-0,123	0,302	-0,005	0,012	0,159	FALSE
0,043	0,309	0,001	0,013	0,029	FALSE
0,063	0,303	0,004	0,013	0,116	FALSE
0,008	0,304	0,000	0,008	0,004	FALSE
0,009	0,311	0,000	0,009	0,004	FALSE
-0,048	0,299	-0,001	0,008	0,063	FALSE
-0,094	0,294	-0,002	0,007	0,120	FALSE
-0,061	0,293	-0,001	0,007	0,071	FALSE
0,127	0,299	0,004	0,013	0,140	FALSE
0,067	0,295	0,002	0,008	0,097	FALSE
-0,139	0,294	-0,005	0,012	0,174	FALSE
0,232	0,294	0,005	0,007	0,323	FALSE
-0,007	0,312	0,000	0,007	0,016	FALSE
0,149	0,309	0,003	0,007	0,225	FALSE
0,099	0,305	0,002	0,007	0,149	FALSE
-0,034	0,304	-0,001	0,006	0,038	FALSE
0,012	0,306	0,000	0,007	0,013	FALSE
0,100	0,296	0,003	0,006	0,172	FALSE
-0,050	0,308	-0,002	0,010	0,075	FALSE
0,067	0,311	0,003	0,012	0,092	FALSE
0,020	0,312	0,001	0,007	0,027	FALSE
-0,051	0,310	-0,002	0,013	0,050	FALSE
-0,069	0,317	-0,002	0,009	0,073	FALSE
-0,115	0,304	-0,004	0,010	0,135	FALSE
-0,140	0,301	-0,003	0,007	0,166	FALSE
-0,081	0,308	-0,002	0,008	0,088	FALSE
-0,076	0,303	-0,002	0,007	0,107	FALSE
0,130	0,305	0,003	0,008	0,155	FALSE
0,042	0,320	0,001	0,010	0,028	FALSE
0,008	0,305	0,000	0,009	0,001	FALSE
-0,035	0,299	-0,001	0,010	0,039	FALSE
-0,018	0,312	0,000	0,009	0,006	FALSE
-0,054	0,300	-0,001	0,006	0,091	FALSE
-0,055	0,301	-0,002	0,007	0,082	FALSE
-0,028	0,323	0,000	0,007	0,013	FALSE
-0,152	0,296	-0,003	0,006	0,197	FALSE
-0,060	0,298	-0,002	0,008	0,075	FALSE
0,064	0,304	0,001	0,007	0,063	FALSE
-0,124	0,298	-0,002	0,007	0,116	FALSE
0,022	0,309	0,001	0,007	0,034	FALSE
-0,029	0,309	0,000	0,009	0,004	FALSE
-0,054	0,299	-0,002	0,008	0,091	FALSE
0,116	0,305	0,002	0,008	0,115	FALSE
0,067	0,311	0,002	0,010	0,063	FALSE

0,125	0,301	0,002	0,008	0,124	FALSE
0,081	0,302	0,003	0,009	0,114	FALSE
-0,053	0,307	-0,003	0,012	0,112	FALSE
-0,030	0,308	-0,001	0,007	0,044	FALSE
-0,034	0,305	0,000	0,010	0,014	FALSE
-0,041	0,307	-0,001	0,008	0,063	FALSE
-0,070	0,312	-0,002	0,009	0,099	FALSE
0,198	0,305	0,005	0,009	0,255	FALSE
-0,119	0,311	-0,003	0,008	0,153	FALSE
0,221	0,293	0,006	0,009	0,317	FALSE
-0,115	0,308	-0,007	0,013	0,216	FALSE
-0,141	0,297	-0,005	0,009	0,199	FALSE
0,109	0,310	0,004	0,011	0,149	FALSE
0,076	0,298	0,003	0,010	0,106	FALSE
0,018	0,321	0,000	0,010	0,003	FALSE
0,005	0,309	0,000	0,008	0,010	FALSE
0,063	0,309	0,002	0,007	0,108	FALSE
0,087	0,304	0,002	0,006	0,137	FALSE
0,136	0,310	0,003	0,008	0,148	FALSE
0,018	0,303	0,000	0,008	0,015	FALSE
-0,060	0,319	-0,001	0,006	0,077	FALSE
-0,009	0,301	0,000	0,010	0,010	FALSE
-0,052	0,321	-0,001	0,007	0,066	FALSE
-0,028	0,316	0,000	0,013	0,007	FALSE
0,081	0,309	0,002	0,009	0,093	FALSE
0,061	0,314	0,002	0,011	0,066	FALSE
-0,046	0,313	-0,002	0,010	0,070	FALSE
0,110	0,303	0,003	0,007	0,141	FALSE
0,082	0,302	0,003	0,009	0,128	FALSE
-0,098	0,307	-0,003	0,011	0,112	FALSE
-0,110	0,324	-0,004	0,011	0,129	FALSE
-0,075	0,316	-0,002	0,009	0,092	FALSE
0,116	0,296	0,004	0,009	0,193	FALSE
0,009	0,308	0,001	0,012	0,034	FALSE
-0,155	0,305	-0,003	0,006	0,191	FALSE
-0,052	0,298	-0,001	0,007	0,060	FALSE
0,007	0,311	0,000	0,012	0,003	FALSE
-0,045	0,305	-0,002	0,010	0,075	FALSE
0,041	0,322	0,001	0,013	0,033	FALSE
0,045	0,301	0,003	0,012	0,079	FALSE
0,068	0,315	0,002	0,011	0,088	FALSE
0,043	0,292	0,001	0,008	0,067	FALSE
0,045	0,317	0,001	0,010	0,051	FALSE
0,070	0,321	0,003	0,012	0,084	FALSE
-0,073	0,321	-0,002	0,008	0,093	FALSE
-0,160	0,293	-0,006	0,011	0,265	FALSE
-0,039	0,306	-0,001	0,007	0,047	FALSE
0,071	0,299	0,002	0,008	0,096	FALSE
0,028	0,299	0,000	0,012	0,011	FALSE
-0,022	0,319	-0,001	0,010	0,035	FALSE
-0,062	0,299	-0,001	0,006	0,078	FALSE
-0,097	0,309	-0,002	0,007	0,120	FALSE
0,044	0,299	0,001	0,006	0,076	FALSE

0,005	0,314	0,000	0,007	0,021	FALSE
-0,049	0,309	-0,001	0,009	0,042	FALSE
-0,019	0,317	0,000	0,008	0,006	FALSE
0,056	0,307	0,002	0,010	0,083	FALSE
0,011	0,311	0,000	0,012	0,007	FALSE
-0,055	0,322	-0,001	0,007	0,055	FALSE
0,018	0,328	0,001	0,012	0,021	FALSE
0,115	0,306	0,004	0,011	0,157	FALSE
-0,117	0,303	-0,004	0,010	0,144	FALSE
0,157	0,300	0,004	0,007	0,227	FALSE
-0,072	0,292	-0,003	0,009	0,112	FALSE
0,061	0,307	0,002	0,009	0,093	FALSE
0,085	0,306	0,003	0,009	0,128	FALSE
0,148	0,304	0,003	0,007	0,208	FALSE
-0,156	0,303	-0,003	0,008	0,186	FALSE
-0,157	0,303	-0,004	0,009	0,206	FALSE
0,121	0,307	0,006	0,013	0,199	FALSE
-0,021	0,332	0,000	0,007	0,016	FALSE
-0,050	0,290	-0,003	0,010	0,100	FALSE
-0,069	0,310	-0,002	0,009	0,066	FALSE
-0,027	0,305	-0,001	0,012	0,043	FALSE
-0,022	0,312	0,000	0,008	0,018	FALSE
-0,043	0,303	-0,001	0,009	0,059	FALSE
0,104	0,309	0,002	0,008	0,125	FALSE
0,005	0,297	0,000	0,008	0,019	FALSE
-0,065	0,305	-0,002	0,007	0,105	FALSE
0,019	0,311	0,001	0,006	0,028	FALSE
0,118	0,288	0,005	0,009	0,212	FALSE
0,096	0,301	0,002	0,007	0,127	FALSE
0,058	0,312	0,001	0,011	0,043	FALSE
0,060	0,296	0,001	0,006	0,066	FALSE
0,018	0,313	0,001	0,013	0,017	FALSE
0,132	0,310	0,005	0,012	0,161	FALSE
-0,082	0,310	-0,003	0,011	0,089	FALSE
-0,006	0,302	-0,001	0,009	0,037	FALSE
0,034	0,308	0,001	0,007	0,048	FALSE
-0,081	0,296	-0,002	0,008	0,124	FALSE
-0,158	0,309	-0,005	0,011	0,206	FALSE
0,118	0,307	0,003	0,008	0,147	FALSE
-0,083	0,282	-0,002	0,006	0,126	FALSE
-0,132	0,301	-0,003	0,007	0,165	FALSE
0,048	0,311	0,002	0,010	0,066	FALSE
-0,015	0,313	0,000	0,010	0,018	FALSE
-0,031	0,315	-0,001	0,010	0,029	FALSE
-0,071	0,297	-0,002	0,008	0,106	FALSE
-0,043	0,308	-0,002	0,012	0,052	FALSE
0,052	0,306	0,003	0,012	0,078	FALSE
-0,062	0,314	-0,002	0,008	0,081	FALSE
0,003	0,315	0,000	0,007	0,013	FALSE
0,229	0,293	0,011	0,013	0,416	FALSE
0,084	0,301	0,003	0,010	0,132	FALSE
0,193	0,296	0,005	0,008	0,272	FALSE
0,026	0,305	0,001	0,008	0,033	FALSE

0,071	0,323	0,002	0,012	0,060	FALSE
0,065	0,304	0,002	0,009	0,077	FALSE
-0,182	0,292	-0,007	0,011	0,288	FALSE
-0,093	0,312	-0,002	0,007	0,108	FALSE
-0,024	0,324	-0,001	0,013	0,024	FALSE
0,040	0,315	0,001	0,008	0,062	FALSE
0,040	0,302	0,001	0,011	0,034	FALSE
0,101	0,291	0,003	0,011	0,118	FALSE
0,001	0,294	-0,001	0,012	0,024	FALSE
-0,031	0,328	0,000	0,008	0,010	FALSE
-0,001	0,304	0,000	0,007	0,011	FALSE
-0,140	0,303	-0,003	0,007	0,217	FALSE
0,135	0,307	0,007	0,013	0,208	TRUE
-0,043	0,320	-0,001	0,008	0,051	FALSE
0,159	0,313	0,006	0,011	0,234	FALSE
-0,151	0,311	-0,004	0,008	0,192	FALSE
-0,077	0,312	-0,002	0,007	0,105	FALSE
-0,141	0,304	-0,005	0,011	0,180	FALSE
0,034	0,306	0,001	0,009	0,041	FALSE
0,030	0,295	0,001	0,010	0,030	FALSE
0,025	0,313	0,001	0,010	0,022	FALSE
0,111	0,315	0,002	0,007	0,111	FALSE
0,013	0,307	0,000	0,008	0,020	FALSE
0,087	0,298	0,002	0,007	0,126	FALSE
-0,007	0,313	0,000	0,009	0,019	FALSE
0,038	0,312	0,001	0,007	0,076	FALSE
0,008	0,311	0,000	0,009	0,002	FALSE
0,077	0,320	0,002	0,008	0,123	FALSE
-0,014	0,306	-0,001	0,008	0,039	FALSE
-0,058	0,302	-0,002	0,011	0,061	FALSE
-0,066	0,302	-0,001	0,007	0,072	FALSE
0,003	0,315	0,000	0,008	0,011	FALSE
0,102	0,298	0,003	0,008	0,173	FALSE
0,093	0,317	0,002	0,008	0,124	FALSE
-0,040	0,309	-0,002	0,012	0,054	FALSE
0,039	0,294	0,002	0,012	0,067	FALSE
0,056	0,300	0,002	0,006	0,099	FALSE
0,149	0,303	0,007	0,013	0,224	FALSE
0,181	0,297	0,006	0,009	0,327	FALSE
0,000	0,298	0,000	0,007	0,003	FALSE
-0,029	0,303	-0,001	0,010	0,022	FALSE
-0,051	0,309	-0,001	0,007	0,063	FALSE
0,092	0,307	0,002	0,008	0,111	FALSE
0,079	0,309	0,003	0,010	0,108	FALSE
-0,051	0,307	-0,001	0,013	0,038	FALSE
-0,024	0,315	-0,002	0,011	0,059	FALSE
0,021	0,311	0,000	0,012	0,012	FALSE
0,049	0,298	0,002	0,012	0,062	FALSE
0,040	0,313	0,001	0,006	0,066	FALSE
-0,028	0,310	-0,001	0,011	0,021	FALSE
-0,106	0,294	-0,003	0,009	0,125	FALSE
-0,088	0,308	-0,002	0,009	0,095	FALSE
0,087	0,308	0,002	0,007	0,109	FALSE

0,110	0,302	0,005	0,013	0,167	FALSE
-0,077	0,329	-0,003	0,012	0,097	FALSE
0,073	0,299	0,002	0,008	0,096	FALSE
0,067	0,307	0,002	0,008	0,079	FALSE
0,116	0,317	0,003	0,007	0,138	FALSE
-0,086	0,308	-0,002	0,009	0,092	FALSE
0,014	0,306	0,001	0,009	0,025	FALSE
0,048	0,308	0,001	0,012	0,038	FALSE
0,015	0,307	0,000	0,009	0,014	FALSE
-0,093	0,312	-0,004	0,013	0,120	FALSE
0,006	0,296	0,001	0,007	0,037	FALSE
0,219	0,311	0,004	0,007	0,295	FALSE
-0,035	0,326	-0,002	0,009	0,064	FALSE
0,111	0,301	0,002	0,006	0,156	FALSE
-0,007	0,304	-0,001	0,007	0,039	FALSE
0,076	0,307	0,002	0,006	0,130	FALSE
-0,018	0,294	-0,001	0,011	0,035	FALSE
-0,005	0,302	0,000	0,008	0,016	FALSE
0,103	0,318	0,003	0,007	0,155	FALSE
-0,116	0,307	-0,004	0,009	0,167	FALSE
0,015	0,305	0,001	0,008	0,027	FALSE
-0,067	0,300	-0,001	0,012	0,045	FALSE
-0,023	0,305	0,000	0,013	0,006	FALSE
0,054	0,322	0,001	0,008	0,050	FALSE
-0,006	0,313	0,000	0,008	0,012	FALSE
0,034	0,305	0,001	0,007	0,043	FALSE
0,074	0,312	0,002	0,012	0,065	FALSE
0,097	0,310	0,003	0,012	0,112	FALSE
0,072	0,317	0,001	0,007	0,074	FALSE
0,029	0,299	0,000	0,007	0,008	FALSE
-0,045	0,307	-0,002	0,011	0,070	FALSE
0,072	0,316	0,002	0,010	0,085	FALSE
-0,090	0,290	-0,002	0,009	0,082	FALSE
-0,042	0,302	-0,002	0,013	0,054	FALSE
0,004	0,306	0,000	0,010	0,011	FALSE
-0,006	0,312	0,000	0,013	0,000	FALSE
-0,030	0,320	-0,001	0,012	0,035	FALSE
-0,101	0,307	-0,004	0,012	0,135	FALSE
-0,101	0,296	-0,003	0,012	0,110	FALSE
0,040	0,309	0,001	0,013	0,030	FALSE
0,180	0,288	0,007	0,012	0,243	FALSE
-0,159	0,316	-0,003	0,008	0,168	FALSE
-0,136	0,308	-0,004	0,008	0,189	FALSE
-0,040	0,318	-0,001	0,007	0,041	FALSE
0,065	0,315	0,002	0,008	0,099	FALSE
0,066	0,296	0,003	0,009	0,123	FALSE
-0,102	0,302	-0,002	0,006	0,136	FALSE
0,014	0,297	0,001	0,011	0,038	FALSE
0,045	0,298	0,001	0,007	0,037	FALSE
-0,066	0,297	-0,002	0,010	0,064	FALSE
0,115	0,321	0,003	0,008	0,153	FALSE
-0,085	0,296	-0,002	0,007	0,097	FALSE
0,074	0,308	0,001	0,007	0,071	FALSE

0,069	0,311	0,003	0,013	0,083	FALSE
0,019	0,314	0,000	0,007	0,011	FALSE
0,093	0,307	0,004	0,013	0,135	FALSE
0,022	0,309	0,001	0,013	0,038	FALSE
0,036	0,302	0,001	0,006	0,046	FALSE
0,007	0,317	0,000	0,007	0,022	FALSE
0,004	0,303	0,000	0,006	0,001	FALSE
0,005	0,316	0,000	0,010	0,006	FALSE
-0,121	0,313	-0,004	0,010	0,165	FALSE
-0,013	0,312	0,000	0,009	0,007	FALSE
-0,038	0,299	-0,001	0,008	0,063	FALSE
-0,001	0,297	0,001	0,012	0,037	FALSE
0,087	0,297	0,004	0,013	0,121	FALSE
-0,069	0,313	-0,003	0,010	0,099	FALSE
-0,017	0,306	-0,001	0,010	0,042	FALSE
0,071	0,302	0,003	0,008	0,134	FALSE
-0,095	0,308	-0,004	0,010	0,146	FALSE
0,041	0,324	0,001	0,007	0,076	FALSE
-0,001	0,325	-0,001	0,013	0,021	FALSE
-0,042	0,321	-0,001	0,007	0,072	FALSE
-0,107	0,301	-0,005	0,011	0,164	FALSE
-0,094	0,305	-0,002	0,007	0,103	FALSE
-0,151	0,313	-0,004	0,009	0,175	FALSE
0,061	0,302	0,001	0,008	0,032	FALSE
-0,013	0,309	-0,001	0,007	0,039	FALSE
0,022	0,304	0,000	0,006	0,005	FALSE
-0,063	0,309	-0,002	0,010	0,087	FALSE
-0,044	0,313	-0,002	0,010	0,081	FALSE
0,057	0,302	0,002	0,008	0,116	FALSE
-0,100	0,311	-0,003	0,008	0,146	FALSE
-0,074	0,304	-0,002	0,009	0,064	FALSE
0,016	0,304	0,000	0,011	0,001	FALSE
-0,101	0,320	-0,002	0,008	0,113	FALSE
0,035	0,307	0,001	0,011	0,032	FALSE
0,084	0,304	0,003	0,013	0,102	FALSE
-0,140	0,329	-0,006	0,013	0,206	FALSE
0,056	0,308	0,002	0,012	0,048	FALSE
-0,068	0,311	-0,002	0,009	0,104	FALSE
0,011	0,304	0,000	0,010	0,003	FALSE
-0,030	0,315	-0,001	0,009	0,033	FALSE
0,074	0,311	0,003	0,012	0,095	FALSE
0,058	0,303	0,002	0,012	0,060	FALSE
0,115	0,306	0,002	0,007	0,131	FALSE
-0,008	0,306	-0,001	0,011	0,020	FALSE
0,097	0,292	0,003	0,007	0,161	FALSE
0,066	0,301	0,002	0,007	0,103	FALSE
-0,084	0,309	-0,002	0,010	0,095	FALSE
-0,033	0,301	-0,001	0,006	0,070	FALSE
0,046	0,306	0,002	0,011	0,054	FALSE
0,106	0,316	0,002	0,008	0,116	FALSE
0,081	0,312	0,002	0,007	0,102	FALSE
-0,046	0,306	-0,002	0,010	0,060	FALSE
-0,050	0,312	-0,002	0,012	0,046	FALSE

-0,051	0,305	-0,001	0,007	0,077	FALSE
-0,104	0,311	-0,003	0,009	0,123	FALSE
0,023	0,297	0,000	0,007	0,019	FALSE
-0,131	0,300	-0,003	0,009	0,145	FALSE
0,067	0,311	0,003	0,011	0,099	FALSE
-0,127	0,293	-0,003	0,008	0,164	FALSE
-0,011	0,315	0,000	0,010	0,003	FALSE
-0,089	0,308	-0,003	0,008	0,121	FALSE
-0,035	0,307	-0,001	0,009	0,039	FALSE
-0,016	0,324	0,000	0,007	0,006	FALSE
0,122	0,295	0,003	0,009	0,134	FALSE
0,041	0,298	0,001	0,008	0,037	FALSE
-0,027	0,318	-0,001	0,009	0,023	FALSE
0,147	0,304	0,005	0,008	0,271	FALSE
-0,049	0,310	-0,001	0,011	0,046	FALSE
-0,071	0,313	-0,003	0,013	0,095	FALSE
0,014	0,309	0,000	0,008	0,022	FALSE
-0,089	0,297	-0,001	0,006	0,089	FALSE
0,039	0,299	0,002	0,011	0,055	FALSE
0,016	0,307	0,000	0,008	0,019	FALSE
0,195	0,304	0,005	0,009	0,236	FALSE
0,012	0,301	0,001	0,012	0,026	FALSE
0,042	0,303	0,001	0,011	0,031	FALSE
0,019	0,310	0,001	0,008	0,036	FALSE
-0,041	0,309	-0,002	0,011	0,055	FALSE
0,003	0,314	0,000	0,010	0,005	FALSE
-0,011	0,307	0,000	0,013	0,006	FALSE
0,070	0,303	0,002	0,007	0,098	FALSE
0,012	0,315	0,000	0,013	0,008	FALSE
0,040	0,307	0,002	0,012	0,079	FALSE
-0,002	0,315	0,001	0,010	0,025	FALSE
-0,072	0,307	-0,002	0,008	0,116	FALSE
0,040	0,308	0,001	0,008	0,065	FALSE
0,174	0,316	0,004	0,008	0,227	FALSE
0,034	0,292	0,001	0,007	0,035	FALSE
-0,099	0,304	-0,002	0,008	0,121	FALSE
-0,013	0,315	0,000	0,009	0,007	FALSE
0,027	0,306	0,000	0,007	0,019	FALSE
-0,018	0,311	-0,001	0,011	0,016	FALSE
-0,084	0,304	-0,003	0,012	0,099	FALSE
-0,095	0,314	-0,002	0,007	0,127	FALSE
0,003	0,306	0,000	0,008	0,006	FALSE
0,050	0,302	0,001	0,008	0,049	FALSE
0,017	0,310	0,001	0,009	0,025	FALSE
-0,074	0,290	-0,003	0,011	0,088	FALSE
-0,131	0,308	-0,003	0,009	0,155	FALSE
-0,070	0,297	-0,003	0,012	0,115	FALSE
0,136	0,306	0,004	0,008	0,192	FALSE
0,083	0,309	0,002	0,011	0,068	FALSE
-0,041	0,305	-0,001	0,007	0,047	FALSE
-0,119	0,295	-0,005	0,011	0,165	FALSE
0,108	0,308	0,003	0,007	0,164	FALSE
-0,043	0,307	-0,001	0,008	0,037	FALSE

-0,051	0,310	-0,001	0,008	0,045	FALSE
-0,003	0,305	0,000	0,006	0,016	FALSE
0,113	0,294	0,003	0,010	0,126	FALSE
0,084	0,304	0,003	0,012	0,105	FALSE
-0,091	0,313	-0,003	0,010	0,128	FALSE
-0,033	0,303	-0,003	0,013	0,082	FALSE
0,043	0,303	0,001	0,006	0,069	FALSE
-0,023	0,308	-0,001	0,010	0,039	FALSE
-0,093	0,301	-0,002	0,007	0,114	FALSE
-0,094	0,309	-0,004	0,011	0,125	FALSE
0,063	0,291	0,002	0,011	0,055	FALSE
-0,026	0,323	-0,001	0,013	0,036	FALSE
0,011	0,300	0,001	0,007	0,050	FALSE
0,041	0,335	0,002	0,010	0,057	FALSE
0,032	0,312	0,001	0,007	0,035	FALSE
-0,047	0,306	-0,001	0,009	0,053	FALSE
-0,028	0,320	-0,001	0,009	0,028	FALSE
0,006	0,303	0,000	0,009	0,006	FALSE
-0,035	0,293	-0,001	0,013	0,027	FALSE
0,160	0,291	0,005	0,009	0,243	FALSE
-0,017	0,303	-0,001	0,013	0,035	FALSE
-0,040	0,300	-0,001	0,008	0,035	FALSE
-0,014	0,317	0,000	0,010	0,003	FALSE
-0,014	0,308	0,000	0,010	0,007	FALSE
0,013	0,288	0,000	0,008	0,017	FALSE
0,002	0,309	0,000	0,007	0,016	FALSE
0,101	0,315	0,003	0,008	0,123	FALSE
0,035	0,316	0,001	0,007	0,037	FALSE
0,056	0,314	0,002	0,010	0,075	FALSE
0,140	0,303	0,003	0,007	0,187	FALSE
0,031	0,321	0,001	0,009	0,026	FALSE
0,124	0,307	0,003	0,007	0,141	FALSE
0,021	0,297	0,001	0,010	0,022	FALSE
0,024	0,308	0,001	0,008	0,053	FALSE
-0,013	0,296	-0,001	0,013	0,031	FALSE
0,101	0,305	0,003	0,009	0,138	FALSE
-0,077	0,307	-0,002	0,008	0,092	FALSE
0,046	0,317	0,001	0,007	0,036	FALSE
-0,022	0,311	-0,001	0,010	0,046	FALSE
0,011	0,306	0,000	0,010	0,012	FALSE
-0,131	0,298	-0,004	0,010	0,144	FALSE
0,020	0,326	0,001	0,008	0,031	FALSE
0,048	0,295	0,002	0,012	0,053	FALSE
-0,102	0,318	-0,005	0,013	0,152	FALSE
-0,032	0,317	0,000	0,009	0,013	FALSE
0,007	0,314	0,001	0,010	0,021	FALSE
-0,060	0,320	-0,002	0,008	0,093	FALSE
0,097	0,308	0,003	0,009	0,133	FALSE
0,095	0,318	0,002	0,007	0,140	FALSE
0,002	0,312	0,000	0,010	0,013	FALSE
-0,008	0,321	0,000	0,012	0,009	FALSE
-0,208	0,303	-0,004	0,007	0,279	FALSE
-0,062	0,310	-0,004	0,013	0,128	FALSE

-0,035	0,316	-0,003	0,013	0,080	FALSE
-0,009	0,309	-0,001	0,007	0,037	FALSE
-0,100	0,293	-0,002	0,007	0,129	FALSE
0,033	0,310	0,001	0,012	0,017	FALSE
0,041	0,305	0,002	0,008	0,085	FALSE
0,003	0,299	-0,001	0,010	0,019	FALSE
0,128	0,304	0,003	0,008	0,167	FALSE
-0,032	0,302	-0,001	0,012	0,042	FALSE
0,080	0,316	0,003	0,013	0,094	FALSE
-0,130	0,298	-0,004	0,009	0,167	FALSE
0,050	0,323	0,001	0,007	0,061	FALSE
-0,035	0,298	-0,001	0,007	0,027	FALSE
-0,024	0,306	-0,001	0,008	0,022	FALSE
0,008	0,305	0,000	0,008	0,006	FALSE
0,031	0,306	0,001	0,013	0,024	FALSE
0,028	0,300	0,001	0,009	0,034	FALSE
-0,084	0,314	-0,004	0,010	0,144	FALSE
-0,017	0,318	0,000	0,008	0,001	FALSE
0,035	0,313	0,002	0,013	0,066	FALSE
0,200	0,291	0,004	0,006	0,290	FALSE
-0,061	0,316	-0,001	0,007	0,060	FALSE
-0,187	0,302	-0,005	0,007	0,273	FALSE
-0,010	0,301	-0,001	0,012	0,021	FALSE
-0,067	0,307	-0,004	0,013	0,133	FALSE
0,163	0,299	0,004	0,007	0,257	FALSE
-0,101	0,293	-0,004	0,011	0,141	FALSE
0,016	0,293	0,000	0,007	0,017	FALSE
-0,075	0,309	-0,002	0,007	0,107	FALSE
0,030	0,316	0,001	0,006	0,046	FALSE
-0,003	0,310	-0,001	0,013	0,037	FALSE
0,091	0,290	0,002	0,007	0,124	FALSE
0,073	0,296	0,001	0,006	0,084	FALSE
-0,006	0,292	-0,001	0,008	0,023	FALSE
-0,002	0,311	0,000	0,011	0,010	FALSE
-0,005	0,307	0,000	0,011	0,004	FALSE
-0,013	0,299	-0,001	0,011	0,021	FALSE
-0,009	0,303	0,000	0,012	0,008	FALSE
0,007	0,322	0,000	0,009	0,011	FALSE
0,068	0,296	0,001	0,007	0,053	FALSE
0,040	0,303	0,001	0,007	0,072	FALSE
-0,047	0,317	-0,002	0,010	0,056	FALSE
-0,053	0,320	-0,001	0,010	0,050	FALSE
-0,006	0,290	-0,002	0,010	0,070	FALSE
0,043	0,304	0,001	0,008	0,032	FALSE
-0,120	0,310	-0,003	0,007	0,186	FALSE
0,069	0,316	0,002	0,008	0,079	FALSE
-0,049	0,311	-0,002	0,010	0,060	FALSE
-0,055	0,308	-0,001	0,006	0,067	FALSE
0,059	0,317	0,003	0,012	0,088	FALSE
-0,030	0,305	0,000	0,006	0,021	FALSE
0,037	0,303	0,001	0,008	0,045	FALSE
0,144	0,315	0,004	0,010	0,175	FALSE
-0,082	0,316	-0,002	0,006	0,090	FALSE

0,029	0,317	0,001	0,008	0,025	FALSE
0,122	0,300	0,004	0,010	0,163	FALSE
-0,092	0,314	-0,002	0,007	0,140	FALSE
-0,091	0,323	-0,002	0,007	0,139	FALSE
0,022	0,292	0,001	0,012	0,021	FALSE
-0,057	0,312	-0,002	0,007	0,091	FALSE
0,009	0,300	0,000	0,008	0,022	FALSE
0,123	0,312	0,005	0,012	0,173	FALSE
0,050	0,315	0,001	0,008	0,053	FALSE
-0,114	0,305	-0,005	0,013	0,160	FALSE
0,022	0,325	0,001	0,012	0,020	FALSE
0,028	0,302	0,001	0,011	0,031	FALSE
-0,032	0,300	-0,001	0,006	0,049	FALSE
0,019	0,306	0,000	0,007	0,023	FALSE
-0,026	0,321	0,000	0,007	0,011	FALSE
0,165	0,304	0,005	0,010	0,236	FALSE
-0,050	0,314	-0,002	0,009	0,081	FALSE
-0,157	0,304	-0,003	0,007	0,215	FALSE
0,053	0,297	0,002	0,010	0,057	FALSE
-0,049	0,323	-0,002	0,013	0,048	FALSE
-0,149	0,304	-0,004	0,009	0,160	FALSE
-0,027	0,304	-0,001	0,008	0,046	FALSE
-0,098	0,304	-0,003	0,007	0,154	FALSE
-0,053	0,309	-0,001	0,008	0,044	FALSE
0,132	0,289	0,006	0,012	0,198	FALSE
-0,040	0,314	-0,001	0,013	0,041	FALSE
0,030	0,311	0,002	0,009	0,071	FALSE
0,079	0,294	0,002	0,012	0,060	FALSE
0,031	0,311	0,001	0,011	0,039	FALSE
-0,101	0,297	-0,002	0,007	0,134	FALSE
0,082	0,289	0,001	0,006	0,050	FALSE
-0,054	0,316	-0,001	0,008	0,051	FALSE
0,098	0,307	0,002	0,011	0,088	FALSE
0,133	0,316	0,004	0,010	0,147	FALSE
0,021	0,300	0,000	0,009	0,011	FALSE
0,010	0,314	0,001	0,012	0,020	FALSE
0,072	0,322	0,003	0,013	0,098	FALSE
-0,011	0,290	0,000	0,008	0,015	FALSE
-0,130	0,296	-0,005	0,011	0,175	FALSE
-0,050	0,291	-0,001	0,010	0,033	FALSE
0,060	0,302	0,002	0,009	0,092	FALSE
-0,008	0,317	0,000	0,009	0,006	FALSE
-0,010	0,303	-0,001	0,011	0,031	FALSE
0,000	0,301	-0,001	0,011	0,018	FALSE
0,139	0,315	0,005	0,013	0,155	FALSE
0,067	0,311	0,003	0,010	0,115	FALSE
-0,053	0,302	-0,002	0,011	0,073	FALSE
-0,073	0,314	-0,002	0,008	0,081	FALSE
-0,101	0,308	-0,004	0,013	0,122	FALSE
-0,031	0,293	-0,002	0,009	0,069	FALSE
-0,043	0,303	-0,001	0,007	0,063	FALSE
-0,043	0,290	-0,001	0,006	0,053	FALSE
0,134	0,305	0,004	0,007	0,204	FALSE

-0,002	0,312	0,000	0,011	0,007	FALSE
0,075	0,312	0,002	0,008	0,094	FALSE
0,054	0,294	0,001	0,008	0,055	FALSE
-0,107	0,313	-0,002	0,008	0,121	FALSE
-0,041	0,305	-0,001	0,006	0,043	FALSE
-0,198	0,296	-0,005	0,009	0,262	FALSE
-0,093	0,311	-0,002	0,007	0,113	FALSE
0,205	0,286	0,005	0,007	0,313	FALSE
0,011	0,320	0,001	0,009	0,030	FALSE
-0,061	0,319	-0,003	0,013	0,089	FALSE
-0,130	0,305	-0,005	0,012	0,190	FALSE
0,072	0,289	0,002	0,011	0,054	FALSE
-0,096	0,302	-0,002	0,006	0,111	FALSE
-0,130	0,290	-0,006	0,013	0,194	FALSE
0,113	0,300	0,002	0,007	0,136	FALSE
0,091	0,304	0,002	0,007	0,105	FALSE
-0,047	0,312	-0,001	0,007	0,045	FALSE
-0,021	0,317	-0,001	0,009	0,027	FALSE
-0,014	0,306	-0,002	0,011	0,050	FALSE
-0,079	0,312	-0,001	0,007	0,079	FALSE
0,029	0,323	0,001	0,013	0,018	FALSE
0,041	0,314	0,001	0,007	0,041	FALSE
0,039	0,303	0,001	0,006	0,051	FALSE
-0,087	0,300	-0,003	0,012	0,091	FALSE
0,097	0,309	0,003	0,008	0,144	FALSE
0,068	0,310	0,002	0,010	0,062	FALSE
-0,045	0,301	-0,002	0,009	0,070	FALSE
-0,118	0,283	-0,005	0,011	0,180	FALSE
-0,117	0,296	-0,005	0,012	0,176	FALSE
-0,079	0,304	-0,004	0,013	0,115	FALSE
-0,065	0,305	-0,002	0,007	0,107	FALSE
-0,013	0,293	-0,001	0,009	0,025	FALSE
0,039	0,300	0,002	0,013	0,057	FALSE
0,245	0,290	0,006	0,007	0,395	FALSE
0,065	0,318	0,003	0,011	0,084	FALSE
0,024	0,306	0,001	0,007	0,039	FALSE
-0,055	0,321	-0,002	0,012	0,062	FALSE
0,184	0,301	0,005	0,008	0,294	FALSE
-0,063	0,300	-0,002	0,010	0,069	FALSE
-0,038	0,296	-0,001	0,010	0,040	FALSE
0,008	0,306	0,001	0,007	0,033	FALSE
-0,065	0,305	-0,002	0,013	0,059	FALSE
-0,074	0,311	-0,002	0,010	0,095	FALSE
-0,078	0,318	-0,002	0,008	0,090	FALSE
-0,003	0,308	-0,001	0,013	0,030	FALSE
0,005	0,311	-0,001	0,013	0,019	FALSE
-0,060	0,299	-0,001	0,009	0,047	FALSE
0,047	0,303	0,002	0,010	0,055	FALSE
-0,082	0,316	-0,004	0,013	0,105	FALSE
0,005	0,326	0,000	0,013	0,011	FALSE
-0,018	0,303	0,000	0,006	0,025	FALSE
-0,060	0,288	-0,001	0,010	0,048	FALSE
-0,067	0,317	-0,001	0,008	0,062	FALSE

0,007	0,302	0,001	0,008	0,024	FALSE
0,031	0,306	0,001	0,007	0,047	FALSE
-0,035	0,291	-0,001	0,011	0,033	FALSE
0,080	0,300	0,003	0,010	0,094	FALSE
0,068	0,299	0,001	0,007	0,086	FALSE
0,088	0,292	0,003	0,013	0,097	FALSE
-0,055	0,308	-0,002	0,007	0,083	FALSE
0,049	0,294	0,001	0,008	0,036	FALSE
-0,038	0,306	-0,001	0,010	0,028	FALSE
-0,033	0,310	0,000	0,011	0,015	FALSE
0,109	0,299	0,004	0,011	0,137	FALSE
-0,058	0,307	-0,001	0,007	0,074	FALSE
0,139	0,291	0,004	0,007	0,208	FALSE
-0,037	0,313	-0,001	0,007	0,035	FALSE
-0,061	0,329	-0,001	0,008	0,069	FALSE
-0,049	0,300	-0,002	0,010	0,066	FALSE
-0,052	0,307	-0,001	0,007	0,052	FALSE
0,084	0,306	0,003	0,010	0,108	FALSE
0,086	0,310	0,001	0,007	0,072	FALSE
-0,005	0,297	0,000	0,010	0,008	FALSE
-0,052	0,315	-0,001	0,007	0,034	FALSE
0,090	0,312	0,003	0,011	0,087	FALSE
-0,155	0,311	-0,006	0,013	0,199	FALSE
0,226	0,298	0,007	0,010	0,349	FALSE
-0,024	0,314	0,000	0,009	0,012	FALSE
0,037	0,317	0,001	0,011	0,034	FALSE
0,142	0,305	0,004	0,008	0,218	FALSE
-0,048	0,314	-0,001	0,008	0,062	FALSE
0,014	0,309	0,001	0,007	0,029	FALSE
-0,124	0,298	-0,003	0,006	0,173	FALSE
0,152	0,301	0,004	0,007	0,229	FALSE
-0,131	0,305	-0,003	0,010	0,137	FALSE
0,084	0,303	0,003	0,010	0,114	FALSE
-0,083	0,312	-0,002	0,006	0,106	FALSE
-0,016	0,311	0,000	0,007	0,003	FALSE
-0,087	0,303	-0,002	0,007	0,133	FALSE
0,074	0,314	0,003	0,010	0,118	FALSE
-0,031	0,327	-0,001	0,011	0,031	FALSE
-0,016	0,323	0,000	0,008	0,013	FALSE
-0,011	0,324	0,000	0,008	0,001	FALSE
0,051	0,316	0,002	0,013	0,063	FALSE
-0,208	0,317	-0,006	0,009	0,290	FALSE
0,088	0,300	0,003	0,008	0,133	FALSE
0,031	0,305	0,001	0,012	0,016	FALSE
-0,078	0,304	-0,002	0,006	0,107	FALSE
0,034	0,304	0,002	0,011	0,056	FALSE
0,054	0,312	0,001	0,011	0,047	FALSE
-0,033	0,305	-0,001	0,008	0,048	FALSE
-0,037	0,300	-0,001	0,008	0,040	FALSE
0,002	0,314	0,001	0,007	0,025	FALSE
0,002	0,304	0,000	0,008	0,002	FALSE
0,118	0,305	0,003	0,009	0,157	FALSE
-0,015	0,313	-0,001	0,007	0,030	FALSE

-0,067	0,316	-0,002	0,008	0,097	FALSE
0,105	0,304	0,003	0,009	0,141	FALSE
-0,004	0,320	0,000	0,012	0,009	FALSE
0,117	0,314	0,002	0,007	0,130	FALSE
0,080	0,309	0,002	0,007	0,102	FALSE
0,047	0,303	0,001	0,010	0,023	FALSE
-0,073	0,309	-0,002	0,008	0,095	FALSE
-0,103	0,318	-0,004	0,011	0,147	FALSE
-0,050	0,304	-0,001	0,011	0,023	FALSE
-0,047	0,309	-0,002	0,012	0,056	FALSE
0,036	0,315	0,001	0,010	0,045	FALSE
-0,149	0,316	-0,004	0,008	0,197	FALSE
-0,043	0,294	-0,001	0,010	0,049	FALSE
0,058	0,314	0,002	0,009	0,077	FALSE
-0,099	0,299	-0,005	0,012	0,154	FALSE
0,090	0,298	0,003	0,008	0,128	FALSE
0,009	0,309	0,000	0,010	0,004	FALSE
0,027	0,317	0,000	0,008	0,004	FALSE
-0,066	0,295	-0,002	0,007	0,098	FALSE
0,024	0,318	0,001	0,007	0,054	FALSE
-0,018	0,317	0,000	0,008	0,009	FALSE
0,070	0,311	0,001	0,008	0,042	FALSE
0,043	0,313	0,001	0,007	0,059	FALSE
0,026	0,298	0,001	0,009	0,021	FALSE
0,008	0,305	0,000	0,007	0,002	FALSE
0,074	0,296	0,002	0,011	0,079	FALSE
-0,041	0,308	-0,002	0,010	0,066	FALSE
0,158	0,311	0,004	0,010	0,179	FALSE
-0,131	0,300	-0,004	0,010	0,170	FALSE
0,036	0,316	0,001	0,007	0,031	FALSE
-0,004	0,326	0,000	0,008	0,006	FALSE
-0,082	0,307	-0,004	0,011	0,138	FALSE
0,001	0,297	0,000	0,007	0,005	FALSE
0,108	0,288	0,003	0,010	0,124	FALSE
0,083	0,306	0,002	0,006	0,140	FALSE
0,091	0,314	0,005	0,012	0,156	FALSE
-0,046	0,292	-0,002	0,012	0,066	FALSE
-0,043	0,300	-0,002	0,013	0,068	FALSE
-0,058	0,275	-0,001	0,009	0,063	FALSE
-0,095	0,320	-0,003	0,009	0,128	FALSE
-0,101	0,309	-0,002	0,006	0,095	FALSE
0,004	0,309	0,000	0,008	0,012	FALSE
0,068	0,305	0,001	0,007	0,076	FALSE
0,078	0,316	0,003	0,010	0,094	FALSE
-0,006	0,292	0,000	0,010	0,012	FALSE
0,036	0,311	0,000	0,007	0,022	FALSE
-0,010	0,294	0,000	0,010	0,008	FALSE
0,047	0,299	0,001	0,007	0,074	FALSE
-0,058	0,307	-0,003	0,012	0,091	FALSE
-0,034	0,298	-0,002	0,012	0,051	FALSE
0,132	0,294	0,003	0,007	0,174	FALSE
-0,075	0,302	-0,003	0,013	0,105	FALSE
-0,028	0,325	0,000	0,009	0,019	FALSE

0,075	0,318	0,001	0,007	0,073	FALSE
0,027	0,311	0,000	0,010	0,009	FALSE
-0,037	0,305	-0,001	0,009	0,058	FALSE
-0,064	0,304	-0,002	0,010	0,089	FALSE
-0,110	0,312	-0,002	0,006	0,151	FALSE
0,001	0,313	0,000	0,011	0,015	FALSE
0,034	0,310	0,002	0,012	0,055	FALSE
0,051	0,305	0,001	0,013	0,036	FALSE
0,033	0,297	0,000	0,011	0,017	FALSE
0,018	0,307	0,001	0,009	0,025	FALSE
-0,007	0,284	0,000	0,010	0,012	FALSE
-0,080	0,307	-0,002	0,007	0,101	FALSE
0,063	0,287	0,002	0,009	0,081	FALSE
-0,038	0,315	-0,002	0,013	0,052	FALSE
-0,017	0,316	0,000	0,009	0,001	FALSE
0,251	0,282	0,005	0,007	0,381	FALSE
-0,112	0,308	-0,004	0,009	0,166	FALSE
-0,142	0,312	-0,005	0,009	0,219	FALSE
0,130	0,303	0,005	0,013	0,146	FALSE
-0,142	0,313	-0,004	0,008	0,181	FALSE
-0,143	0,295	-0,006	0,013	0,181	FALSE
0,088	0,299	0,004	0,012	0,118	FALSE
0,073	0,315	0,002	0,007	0,118	FALSE
0,040	0,318	0,001	0,008	0,054	FALSE
0,101	0,301	0,003	0,007	0,159	FALSE
0,052	0,308	0,002	0,007	0,087	FALSE
0,141	0,305	0,003	0,008	0,184	FALSE
-0,100	0,288	-0,003	0,008	0,133	FALSE
0,012	0,304	0,000	0,012	0,009	FALSE
-0,009	0,302	0,000	0,010	0,003	FALSE
0,063	0,317	0,003	0,011	0,087	FALSE
0,052	0,304	0,002	0,013	0,058	FALSE
0,031	0,311	0,001	0,011	0,040	FALSE
-0,026	0,309	-0,001	0,012	0,031	FALSE
0,228	0,286	0,006	0,008	0,354	FALSE
-0,067	0,305	-0,002	0,008	0,093	FALSE
0,168	0,291	0,005	0,008	0,243	FALSE
0,131	0,298	0,005	0,009	0,209	FALSE
-0,099	0,303	-0,003	0,008	0,152	FALSE
-0,111	0,316	-0,003	0,008	0,120	FALSE
-0,035	0,304	-0,001	0,010	0,025	FALSE
0,015	0,318	0,001	0,007	0,046	FALSE
-0,010	0,302	-0,001	0,011	0,023	FALSE
-0,021	0,297	0,000	0,012	0,004	FALSE
-0,079	0,316	-0,002	0,007	0,084	FALSE
-0,093	0,320	-0,003	0,008	0,117	FALSE
0,038	0,298	0,001	0,012	0,026	FALSE
0,116	0,310	0,004	0,009	0,169	FALSE
-0,002	0,304	0,000	0,012	0,012	FALSE
0,070	0,304	0,002	0,007	0,087	FALSE
-0,065	0,311	-0,003	0,012	0,083	FALSE
-0,064	0,318	-0,002	0,008	0,068	FALSE
-0,093	0,315	-0,003	0,012	0,109	FALSE

-0,048	0,300	-0,001	0,011	0,050	FALSE
-0,003	0,315	0,000	0,013	0,000	FALSE
-0,003	0,284	0,000	0,007	0,018	FALSE
0,044	0,326	0,001	0,009	0,056	FALSE
-0,042	0,325	-0,001	0,009	0,029	FALSE
-0,002	0,311	0,000	0,009	0,009	FALSE
0,122	0,303	0,003	0,007	0,178	FALSE
-0,055	0,305	-0,002	0,007	0,086	FALSE
0,061	0,298	0,002	0,010	0,083	FALSE
-0,049	0,304	-0,001	0,013	0,031	FALSE
-0,047	0,302	-0,001	0,013	0,025	FALSE
-0,068	0,309	-0,003	0,011	0,090	FALSE
0,170	0,303	0,005	0,010	0,230	FALSE
0,069	0,299	0,002	0,010	0,082	FALSE
0,023	0,310	0,000	0,011	0,012	FALSE
-0,041	0,299	-0,002	0,012	0,073	FALSE
-0,020	0,307	-0,001	0,009	0,041	FALSE
-0,137	0,312	-0,002	0,006	0,154	FALSE
-0,014	0,317	0,000	0,011	0,004	FALSE
-0,106	0,300	-0,003	0,007	0,146	FALSE
-0,025	0,309	-0,001	0,010	0,031	FALSE
0,024	0,308	0,001	0,008	0,031	FALSE
0,046	0,298	0,003	0,012	0,078	FALSE
-0,047	0,334	-0,002	0,009	0,077	FALSE
0,000	0,308	0,000	0,009	0,010	FALSE
0,021	0,300	0,001	0,010	0,048	FALSE
0,012	0,310	0,000	0,010	0,010	FALSE
-0,023	0,296	-0,001	0,012	0,025	FALSE
0,020	0,304	0,001	0,011	0,027	FALSE
-0,019	0,296	0,000	0,011	0,013	FALSE
-0,102	0,307	-0,003	0,011	0,088	FALSE
0,033	0,305	0,001	0,007	0,031	FALSE
-0,023	0,307	0,000	0,009	0,001	FALSE
-0,109	0,309	-0,003	0,008	0,155	FALSE
-0,039	0,301	-0,001	0,011	0,045	FALSE
0,092	0,309	0,003	0,010	0,132	FALSE
-0,012	0,314	0,000	0,013	0,012	FALSE
0,027	0,305	0,001	0,007	0,047	FALSE
-0,176	0,295	-0,006	0,010	0,256	FALSE
0,099	0,298	0,004	0,011	0,139	FALSE
0,057	0,289	0,001	0,007	0,032	FALSE
0,056	0,311	0,001	0,006	0,069	FALSE
-0,074	0,314	-0,004	0,013	0,122	FALSE
-0,033	0,309	-0,001	0,007	0,038	FALSE
0,020	0,327	0,000	0,007	0,018	FALSE
-0,038	0,311	-0,002	0,010	0,077	FALSE
-0,029	0,326	-0,002	0,010	0,059	FALSE
-0,058	0,298	-0,002	0,010	0,068	FALSE
0,035	0,299	0,001	0,012	0,027	FALSE
0,007	0,300	0,000	0,012	0,006	FALSE
-0,006	0,328	0,000	0,009	0,008	FALSE
-0,018	0,296	0,000	0,008	0,012	FALSE
-0,063	0,313	-0,002	0,009	0,095	FALSE

0,085	0,298	0,004	0,012	0,118	FALSE
-0,044	0,310	-0,002	0,010	0,068	FALSE
-0,074	0,309	-0,002	0,009	0,077	FALSE
-0,051	0,307	-0,001	0,009	0,058	FALSE
0,177	0,302	0,005	0,007	0,307	FALSE
0,002	0,309	0,000	0,007	0,010	FALSE
0,045	0,305	0,001	0,007	0,051	FALSE
-0,054	0,306	-0,001	0,007	0,054	FALSE
0,103	0,305	0,003	0,007	0,157	FALSE
0,045	0,299	0,002	0,012	0,075	FALSE
0,052	0,316	0,002	0,006	0,093	FALSE
-0,033	0,317	-0,001	0,013	0,040	FALSE
-0,012	0,312	-0,001	0,012	0,030	FALSE
-0,125	0,316	-0,005	0,013	0,139	FALSE
0,113	0,297	0,005	0,012	0,166	FALSE
-0,035	0,301	-0,001	0,007	0,071	FALSE
-0,026	0,322	-0,001	0,007	0,063	FALSE
-0,112	0,307	-0,003	0,010	0,109	FALSE
0,045	0,292	0,001	0,007	0,061	FALSE
-0,048	0,330	-0,002	0,013	0,055	FALSE
-0,095	0,311	-0,004	0,011	0,139	FALSE
-0,079	0,295	-0,002	0,007	0,097	FALSE
0,009	0,307	0,000	0,009	0,015	FALSE
-0,035	0,309	-0,001	0,008	0,055	FALSE
0,068	0,304	0,002	0,009	0,092	FALSE
-0,120	0,302	-0,002	0,006	0,158	FALSE
0,015	0,312	0,001	0,008	0,034	FALSE
0,020	0,297	0,002	0,010	0,056	FALSE
0,045	0,303	0,002	0,012	0,048	FALSE
0,019	0,309	0,001	0,012	0,017	FALSE
-0,038	0,299	-0,001	0,008	0,052	FALSE
-0,021	0,309	-0,001	0,008	0,031	FALSE
-0,131	0,290	-0,003	0,006	0,179	FALSE
0,018	0,300	0,001	0,007	0,040	FALSE
-0,086	0,315	-0,003	0,010	0,118	FALSE
-0,021	0,308	-0,001	0,010	0,049	FALSE
0,132	0,301	0,006	0,013	0,178	FALSE
0,035	0,308	0,001	0,010	0,044	FALSE
0,030	0,303	0,000	0,010	0,015	FALSE
-0,134	0,318	-0,005	0,013	0,162	FALSE
0,059	0,317	0,003	0,012	0,083	FALSE
0,060	0,314	0,001	0,007	0,071	FALSE
0,095	0,298	0,002	0,007	0,103	FALSE
0,188	0,303	0,007	0,013	0,236	FALSE
-0,073	0,313	-0,002	0,008	0,081	FALSE
-0,093	0,314	-0,003	0,008	0,137	FALSE
-0,011	0,313	0,001	0,011	0,017	FALSE
-0,142	0,302	-0,004	0,009	0,203	FALSE
0,047	0,313	0,001	0,008	0,054	FALSE
0,158	0,296	0,007	0,012	0,231	FALSE
0,008	0,319	0,001	0,008	0,023	FALSE
-0,013	0,315	0,000	0,011	0,001	FALSE
0,157	0,293	0,005	0,008	0,227	FALSE

-0,079	0,310	-0,004	0,013	0,118	FALSE
0,024	0,324	0,001	0,007	0,028	FALSE
-0,013	0,307	0,000	0,009	0,006	FALSE
0,063	0,308	0,002	0,008	0,078	FALSE
0,041	0,310	0,002	0,010	0,062	FALSE
-0,134	0,330	-0,003	0,007	0,177	FALSE
-0,196	0,306	-0,005	0,008	0,292	FALSE
0,028	0,307	0,000	0,008	0,011	FALSE
0,047	0,302	0,002	0,012	0,064	FALSE
0,116	0,294	0,003	0,007	0,156	FALSE
-0,054	0,289	-0,002	0,010	0,068	FALSE
-0,018	0,324	0,000	0,007	0,013	FALSE
-0,112	0,303	-0,002	0,008	0,115	FALSE
0,085	0,305	0,004	0,013	0,137	FALSE
-0,029	0,303	0,000	0,009	0,020	FALSE
0,099	0,315	0,003	0,011	0,119	FALSE
0,054	0,316	0,002	0,009	0,078	FALSE
0,149	0,314	0,004	0,008	0,203	FALSE
0,051	0,293	0,003	0,012	0,091	FALSE
-0,045	0,321	-0,002	0,013	0,047	FALSE
0,002	0,316	0,000	0,009	0,002	FALSE
0,104	0,325	0,002	0,008	0,119	FALSE
0,020	0,320	0,000	0,009	0,013	FALSE
-0,186	0,310	-0,004	0,006	0,253	FALSE
0,034	0,303	0,001	0,009	0,036	FALSE
0,034	0,307	0,002	0,012	0,048	FALSE
0,058	0,313	0,002	0,009	0,059	FALSE
-0,041	0,320	-0,001	0,007	0,069	FALSE
-0,094	0,292	-0,005	0,013	0,172	FALSE
-0,072	0,290	-0,004	0,012	0,141	FALSE
-0,065	0,312	-0,002	0,010	0,091	FALSE
-0,068	0,314	-0,003	0,011	0,091	FALSE
0,098	0,300	0,004	0,013	0,133	FALSE
-0,048	0,308	-0,001	0,007	0,053	FALSE
-0,145	0,302	-0,003	0,008	0,170	FALSE
0,052	0,316	0,002	0,013	0,056	FALSE
0,012	0,297	0,001	0,013	0,025	FALSE
0,034	0,318	0,001	0,007	0,033	FALSE
-0,040	0,309	-0,001	0,008	0,036	FALSE
-0,009	0,311	0,000	0,008	0,002	FALSE
0,009	0,319	0,001	0,013	0,016	FALSE
0,035	0,315	0,002	0,013	0,050	FALSE
0,034	0,306	0,002	0,012	0,057	FALSE
0,014	0,304	0,001	0,007	0,064	FALSE
0,008	0,302	0,000	0,007	0,014	FALSE
-0,004	0,304	0,000	0,008	0,011	FALSE
0,162	0,292	0,006	0,012	0,214	FALSE
0,011	0,306	0,000	0,010	0,004	FALSE
0,129	0,314	0,002	0,006	0,165	FALSE
0,073	0,301	0,002	0,007	0,093	FALSE
0,077	0,309	0,002	0,007	0,120	FALSE
-0,024	0,308	0,000	0,006	0,022	FALSE
-0,044	0,314	-0,001	0,012	0,042	FALSE

-0,043	0,299	-0,002	0,010	0,076	FALSE
-0,027	0,304	-0,001	0,012	0,034	FALSE
0,022	0,289	0,001	0,011	0,023	FALSE
-0,016	0,312	-0,001	0,012	0,022	FALSE
-0,032	0,317	-0,002	0,011	0,060	FALSE
0,070	0,307	0,002	0,010	0,078	FALSE
0,044	0,317	0,001	0,009	0,052	FALSE
0,072	0,301	0,004	0,013	0,121	FALSE
0,020	0,304	0,000	0,010	0,004	FALSE
0,054	0,297	0,001	0,006	0,073	FALSE
0,122	0,317	0,002	0,007	0,135	FALSE
-0,048	0,306	-0,001	0,010	0,041	FALSE
0,097	0,310	0,002	0,007	0,124	FALSE
-0,059	0,296	-0,002	0,009	0,088	FALSE
0,008	0,319	0,000	0,009	0,014	FALSE
0,016	0,317	0,001	0,010	0,024	FALSE
0,082	0,313	0,004	0,012	0,125	FALSE
0,071	0,303	0,004	0,011	0,137	FALSE
0,089	0,299	0,002	0,007	0,107	FALSE
-0,086	0,310	-0,003	0,009	0,138	FALSE
0,037	0,305	0,001	0,007	0,071	FALSE
0,040	0,295	0,001	0,008	0,043	FALSE
0,008	0,308	0,001	0,007	0,040	FALSE
0,054	0,304	0,002	0,007	0,086	FALSE
-0,029	0,308	-0,001	0,007	0,037	FALSE
-0,044	0,319	-0,001	0,007	0,052	FALSE
0,084	0,318	0,002	0,012	0,075	FALSE
0,051	0,302	0,001	0,007	0,059	FALSE
0,173	0,300	0,005	0,009	0,249	FALSE
-0,055	0,311	-0,001	0,007	0,076	FALSE
-0,021	0,301	0,000	0,007	0,019	FALSE
0,055	0,311	0,001	0,006	0,078	FALSE
-0,063	0,313	-0,002	0,007	0,086	FALSE
0,014	0,320	0,001	0,012	0,037	FALSE
0,028	0,308	0,001	0,013	0,024	FALSE
0,022	0,302	0,000	0,008	0,001	FALSE
-0,019	0,306	-0,001	0,010	0,021	FALSE
0,011	0,305	0,000	0,013	0,012	FALSE
0,031	0,310	0,001	0,010	0,024	FALSE
0,004	0,297	0,000	0,011	0,006	FALSE
-0,011	0,311	0,000	0,008	0,016	FALSE
0,062	0,316	0,001	0,007	0,060	FALSE
-0,009	0,300	0,000	0,011	0,005	FALSE
0,109	0,298	0,004	0,010	0,161	FALSE
0,073	0,314	0,002	0,007	0,111	FALSE
-0,057	0,312	-0,001	0,007	0,058	FALSE
-0,186	0,284	-0,005	0,009	0,262	FALSE
-0,156	0,294	-0,005	0,009	0,219	FALSE
0,047	0,292	0,001	0,006	0,059	FALSE
0,063	0,305	0,001	0,006	0,085	FALSE
0,006	0,313	0,000	0,011	0,002	FALSE
0,028	0,298	0,001	0,011	0,021	FALSE
0,010	0,305	0,000	0,009	0,001	FALSE

-0,095	0,297	-0,002	0,007	0,127	FALSE
0,098	0,297	0,003	0,010	0,124	FALSE
-0,070	0,316	-0,003	0,013	0,085	FALSE
0,122	0,305	0,003	0,009	0,152	FALSE
-0,120	0,303	-0,002	0,008	0,110	FALSE
-0,102	0,302	-0,005	0,013	0,171	FALSE
-0,012	0,306	-0,001	0,010	0,032	FALSE
-0,100	0,308	-0,005	0,012	0,173	FALSE
-0,169	0,310	-0,003	0,007	0,210	FALSE
0,082	0,309	0,002	0,008	0,109	FALSE
-0,040	0,317	-0,002	0,011	0,061	FALSE
0,019	0,305	0,000	0,008	0,003	FALSE
-0,065	0,295	-0,001	0,007	0,046	FALSE
-0,070	0,311	-0,002	0,007	0,101	FALSE
0,047	0,303	0,001	0,008	0,064	FALSE
-0,059	0,313	-0,002	0,013	0,063	FALSE
0,067	0,312	0,002	0,008	0,105	FALSE
0,014	0,307	0,000	0,007	0,003	FALSE
0,060	0,303	0,002	0,006	0,093	FALSE
0,060	0,312	0,002	0,012	0,065	FALSE
0,040	0,309	0,001	0,011	0,050	FALSE
-0,035	0,307	-0,001	0,008	0,041	FALSE
0,063	0,309	0,003	0,011	0,094	FALSE
0,019	0,304	0,001	0,008	0,050	FALSE
-0,045	0,305	-0,002	0,009	0,062	FALSE
-0,016	0,310	0,000	0,007	0,012	FALSE
0,043	0,306	0,002	0,011	0,051	FALSE
-0,025	0,313	0,000	0,008	0,004	FALSE
-0,017	0,314	0,000	0,009	0,009	FALSE
0,100	0,299	0,005	0,012	0,153	FALSE
0,008	0,308	0,000	0,007	0,013	FALSE
-0,010	0,303	-0,001	0,006	0,031	FALSE
-0,043	0,316	-0,003	0,012	0,091	FALSE
0,025	0,305	0,001	0,010	0,019	FALSE
-0,021	0,295	0,000	0,006	0,005	FALSE
0,078	0,295	0,002	0,007	0,119	FALSE
0,011	0,303	0,000	0,012	0,011	FALSE
0,028	0,292	0,000	0,011	0,011	FALSE
-0,102	0,305	-0,003	0,008	0,139	FALSE
-0,104	0,307	-0,004	0,013	0,123	FALSE
0,011	0,302	0,000	0,008	0,009	FALSE
0,038	0,311	0,001	0,009	0,059	FALSE
0,111	0,310	0,003	0,011	0,121	FALSE
0,095	0,309	0,002	0,006	0,096	FALSE
-0,005	0,310	0,000	0,012	0,011	FALSE
0,041	0,317	0,001	0,008	0,057	FALSE
-0,079	0,314	-0,002	0,011	0,081	FALSE
0,039	0,312	0,001	0,011	0,036	FALSE
-0,021	0,306	-0,001	0,007	0,027	FALSE
-0,104	0,299	-0,005	0,012	0,152	FALSE
0,101	0,311	0,003	0,009	0,120	FALSE
0,057	0,308	0,002	0,012	0,073	FALSE
0,150	0,307	0,004	0,007	0,232	FALSE

0,046	0,312	0,002	0,009	0,068	FALSE
0,073	0,319	0,002	0,007	0,109	FALSE
0,104	0,312	0,003	0,009	0,135	FALSE
-0,048	0,301	-0,001	0,007	0,050	FALSE
-0,031	0,316	-0,001	0,013	0,030	FALSE
-0,007	0,314	-0,001	0,011	0,033	FALSE
0,037	0,324	0,002	0,013	0,065	FALSE
-0,011	0,306	0,000	0,007	0,025	FALSE
-0,040	0,329	-0,001	0,009	0,026	FALSE
0,061	0,299	0,002	0,008	0,085	FALSE
0,043	0,307	0,001	0,008	0,049	FALSE
0,035	0,305	0,000	0,007	0,022	FALSE
-0,008	0,309	0,000	0,008	0,008	FALSE
0,015	0,307	0,000	0,007	0,015	FALSE
0,027	0,291	0,000	0,007	0,026	FALSE
-0,012	0,303	0,000	0,007	0,015	FALSE
0,070	0,314	0,003	0,013	0,099	FALSE
0,005	0,305	-0,001	0,013	0,022	FALSE
0,043	0,316	0,002	0,010	0,058	FALSE
-0,009	0,316	0,000	0,010	0,002	FALSE
-0,040	0,302	-0,001	0,010	0,042	FALSE
0,018	0,308	0,001	0,010	0,028	FALSE
0,209	0,301	0,004	0,006	0,289	FALSE
0,180	0,301	0,008	0,012	0,299	FALSE
0,146	0,306	0,006	0,012	0,231	FALSE
-0,101	0,302	-0,002	0,008	0,127	FALSE
-0,104	0,300	-0,003	0,009	0,150	FALSE
-0,064	0,322	-0,001	0,010	0,054	FALSE
-0,026	0,305	-0,002	0,011	0,062	FALSE
0,038	0,311	0,001	0,013	0,029	FALSE
-0,135	0,294	-0,004	0,008	0,212	FALSE
0,135	0,301	0,004	0,007	0,214	FALSE
0,062	0,299	0,003	0,008	0,119	FALSE
-0,015	0,300	0,000	0,012	0,010	FALSE
0,009	0,328	0,000	0,008	0,008	FALSE
-0,050	0,315	-0,003	0,013	0,079	FALSE
-0,026	0,308	-0,002	0,012	0,057	FALSE
-0,153	0,301	-0,006	0,013	0,191	FALSE
-0,029	0,299	0,001	0,010	0,020	FALSE
-0,014	0,313	0,000	0,008	0,002	FALSE
-0,042	0,296	-0,002	0,009	0,080	FALSE
0,035	0,308	0,001	0,008	0,038	FALSE
0,022	0,315	0,000	0,013	0,006	FALSE
0,016	0,302	0,000	0,007	0,023	FALSE
0,115	0,310	0,004	0,010	0,186	FALSE
0,090	0,314	0,003	0,013	0,100	FALSE
0,056	0,301	0,001	0,009	0,025	FALSE
0,176	0,305	0,004	0,006	0,234	FALSE
-0,041	0,315	-0,002	0,011	0,068	FALSE
-0,054	0,305	-0,001	0,007	0,059	FALSE
-0,138	0,309	-0,003	0,007	0,199	FALSE
-0,084	0,301	-0,002	0,008	0,100	FALSE
-0,118	0,304	-0,004	0,009	0,180	FALSE

-0,079	0,302	-0,004	0,013	0,123	FALSE
-0,159	0,290	-0,005	0,009	0,262	FALSE
0,011	0,306	0,000	0,009	0,013	FALSE
0,040	0,315	0,001	0,007	0,025	FALSE
0,097	0,314	0,003	0,010	0,135	FALSE
0,096	0,301	0,003	0,010	0,133	FALSE
0,066	0,314	0,001	0,007	0,052	FALSE
0,124	0,306	0,004	0,010	0,172	FALSE
-0,068	0,315	-0,003	0,012	0,100	FALSE
-0,033	0,298	-0,002	0,011	0,050	FALSE
0,005	0,290	0,001	0,012	0,043	FALSE
-0,010	0,297	-0,002	0,011	0,052	FALSE
0,121	0,317	0,006	0,013	0,194	FALSE
0,103	0,288	0,004	0,009	0,179	FALSE
0,003	0,294	0,000	0,013	0,006	FALSE
-0,004	0,314	0,000	0,009	0,011	FALSE
0,123	0,299	0,004	0,011	0,165	FALSE
0,060	0,309	0,001	0,008	0,061	FALSE
-0,035	0,305	-0,001	0,007	0,037	FALSE
-0,019	0,318	-0,001	0,013	0,031	FALSE
-0,046	0,300	-0,001	0,009	0,051	FALSE
-0,042	0,306	-0,001	0,006	0,053	FALSE
-0,039	0,303	-0,001	0,011	0,024	FALSE
-0,065	0,303	-0,002	0,007	0,087	FALSE
-0,056	0,302	-0,001	0,010	0,046	FALSE
-0,020	0,315	-0,001	0,009	0,046	FALSE
0,053	0,301	0,003	0,012	0,106	FALSE
0,086	0,312	0,004	0,013	0,106	FALSE
-0,006	0,308	-0,001	0,012	0,020	FALSE
-0,071	0,310	-0,002	0,009	0,072	FALSE
-0,114	0,291	-0,002	0,007	0,144	FALSE
0,083	0,312	0,003	0,013	0,094	FALSE
0,086	0,289	0,002	0,008	0,089	FALSE
-0,005	0,299	0,001	0,012	0,031	FALSE
-0,039	0,303	0,000	0,012	0,012	FALSE
-0,024	0,309	0,000	0,006	0,015	FALSE
0,031	0,325	0,001	0,008	0,033	FALSE
0,060	0,305	0,003	0,012	0,092	FALSE
0,079	0,305	0,003	0,010	0,121	FALSE
-0,072	0,312	-0,003	0,011	0,118	FALSE
-0,110	0,271	-0,005	0,012	0,168	FALSE
0,126	0,310	0,005	0,012	0,157	FALSE
-0,044	0,309	-0,001	0,007	0,042	FALSE
0,119	0,303	0,004	0,009	0,164	FALSE
0,051	0,300	0,002	0,011	0,075	FALSE
0,022	0,309	0,001	0,009	0,034	FALSE
0,170	0,298	0,005	0,009	0,235	FALSE
-0,086	0,312	-0,002	0,008	0,096	FALSE
0,058	0,310	0,001	0,007	0,083	FALSE
-0,121	0,294	-0,003	0,008	0,147	FALSE
-0,020	0,289	0,000	0,007	0,010	FALSE
-0,041	0,307	-0,002	0,010	0,059	FALSE
-0,044	0,298	-0,001	0,008	0,039	FALSE

0,005	0,317	0,000	0,007	0,024	FALSE
0,080	0,312	0,003	0,011	0,098	FALSE
0,017	0,314	0,001	0,012	0,017	FALSE
0,065	0,298	0,001	0,008	0,059	FALSE
0,040	0,310	0,001	0,013	0,038	FALSE
-0,084	0,300	-0,004	0,012	0,133	FALSE
-0,053	0,301	-0,001	0,008	0,066	FALSE
0,078	0,297	0,001	0,006	0,084	FALSE
0,015	0,309	0,001	0,010	0,033	FALSE
-0,018	0,301	-0,001	0,011	0,025	FALSE
-0,072	0,311	-0,003	0,010	0,136	FALSE
0,087	0,322	0,003	0,013	0,074	FALSE
0,002	0,300	0,001	0,009	0,029	FALSE
0,081	0,301	0,004	0,011	0,144	FALSE
0,009	0,309	-0,001	0,010	0,022	FALSE
-0,084	0,316	-0,003	0,009	0,106	FALSE
0,008	0,303	0,000	0,008	0,016	FALSE
-0,047	0,301	-0,001	0,009	0,024	FALSE
-0,049	0,308	-0,001	0,013	0,017	FALSE
-0,034	0,296	-0,001	0,008	0,072	FALSE
0,063	0,302	0,002	0,012	0,069	FALSE
-0,033	0,301	-0,001	0,010	0,051	FALSE
-0,061	0,296	-0,002	0,010	0,084	FALSE
-0,022	0,286	-0,001	0,010	0,032	FALSE
0,066	0,298	0,002	0,011	0,078	FALSE
-0,045	0,301	-0,001	0,009	0,044	FALSE
0,069	0,310	0,002	0,009	0,098	FALSE
-0,008	0,308	0,000	0,008	0,018	FALSE
-0,078	0,317	-0,002	0,010	0,071	FALSE
-0,035	0,304	-0,001	0,012	0,040	FALSE
-0,013	0,311	-0,001	0,011	0,034	FALSE
-0,057	0,296	-0,002	0,009	0,087	FALSE
-0,004	0,293	0,001	0,007	0,030	FALSE
0,056	0,304	0,003	0,013	0,080	FALSE
0,169	0,320	0,004	0,007	0,235	FALSE
-0,019	0,295	0,000	0,007	0,005	FALSE
-0,021	0,302	-0,001	0,011	0,042	FALSE
0,130	0,296	0,003	0,006	0,162	FALSE
0,155	0,301	0,006	0,010	0,247	FALSE
-0,183	0,287	-0,005	0,008	0,292	FALSE
0,174	0,306	0,004	0,007	0,275	FALSE
-0,192	0,311	-0,009	0,013	0,305	FALSE
-0,039	0,315	-0,002	0,012	0,077	FALSE
0,019	0,305	0,001	0,011	0,040	FALSE
0,000	0,311	0,001	0,010	0,019	FALSE
0,120	0,299	0,004	0,009	0,165	FALSE
-0,034	0,308	-0,001	0,006	0,055	FALSE
0,089	0,309	0,003	0,010	0,097	FALSE
0,099	0,304	0,003	0,009	0,124	FALSE
-0,059	0,314	-0,001	0,007	0,072	FALSE
-0,066	0,300	-0,002	0,010	0,095	FALSE
-0,061	0,297	-0,001	0,007	0,052	FALSE
-0,045	0,318	-0,001	0,007	0,047	FALSE

-0,021	0,295	-0,001	0,007	0,029	FALSE
-0,013	0,315	0,000	0,007	0,002	FALSE
-0,028	0,301	-0,001	0,012	0,023	FALSE
0,030	0,300	0,000	0,006	0,025	FALSE
0,057	0,318	0,002	0,007	0,103	FALSE
-0,036	0,311	-0,001	0,007	0,032	FALSE
-0,094	0,301	-0,002	0,007	0,117	FALSE
-0,028	0,303	-0,001	0,008	0,034	FALSE
-0,094	0,297	-0,002	0,007	0,124	FALSE
0,049	0,307	0,001	0,010	0,037	FALSE
-0,063	0,302	-0,002	0,012	0,079	FALSE
-0,147	0,294	-0,005	0,010	0,215	FALSE
-0,084	0,308	-0,003	0,012	0,093	FALSE
-0,140	0,296	-0,005	0,010	0,202	FALSE
0,030	0,312	0,001	0,008	0,040	FALSE
0,001	0,311	0,000	0,012	0,010	FALSE
-0,173	0,305	-0,007	0,013	0,233	FALSE
-0,027	0,286	-0,001	0,010	0,029	FALSE
0,075	0,318	0,002	0,006	0,107	FALSE
0,058	0,293	0,003	0,012	0,107	FALSE
-0,097	0,319	-0,005	0,013	0,151	FALSE
0,007	0,303	0,000	0,006	0,025	FALSE
0,064	0,307	0,001	0,007	0,078	FALSE
0,075	0,294	0,002	0,009	0,075	FALSE
0,054	0,314	0,001	0,007	0,069	FALSE
0,008	0,306	0,001	0,008	0,029	FALSE
-0,130	0,312	-0,005	0,013	0,158	FALSE
0,033	0,307	0,002	0,012	0,049	FALSE
-0,081	0,306	-0,003	0,011	0,096	FALSE
-0,096	0,296	-0,002	0,010	0,094	FALSE
-0,009	0,312	-0,001	0,012	0,030	FALSE
0,001	0,320	-0,001	0,012	0,016	FALSE
0,118	0,312	0,003	0,008	0,163	FALSE
0,035	0,303	0,001	0,007	0,029	FALSE
-0,058	0,310	-0,002	0,008	0,076	FALSE
-0,080	0,310	-0,002	0,007	0,099	FALSE
-0,064	0,317	-0,002	0,011	0,064	FALSE
0,136	0,304	0,005	0,011	0,201	FALSE
0,061	0,313	0,002	0,010	0,053	FALSE
-0,054	0,320	-0,002	0,008	0,069	FALSE
-0,041	0,310	-0,001	0,007	0,050	FALSE
0,063	0,311	0,003	0,012	0,083	FALSE
-0,080	0,311	-0,003	0,009	0,115	FALSE
-0,001	0,328	0,000	0,010	0,006	FALSE
0,130	0,297	0,004	0,008	0,196	FALSE
0,045	0,313	0,000	0,007	0,011	FALSE
-0,040	0,309	-0,001	0,012	0,036	FALSE
-0,027	0,293	0,000	0,012	0,000	FALSE
0,030	0,303	0,001	0,008	0,055	FALSE
0,063	0,319	0,002	0,012	0,071	FALSE
-0,106	0,312	-0,002	0,009	0,096	FALSE
-0,003	0,312	0,000	0,008	0,003	FALSE
0,137	0,301	0,004	0,008	0,204	FALSE

0,090	0,312	0,002	0,009	0,102	FALSE
0,097	0,313	0,002	0,006	0,098	FALSE
-0,084	0,306	-0,003	0,008	0,145	FALSE
0,023	0,315	0,001	0,012	0,031	FALSE
-0,027	0,308	0,000	0,010	0,010	FALSE
-0,049	0,318	-0,002	0,012	0,047	FALSE
0,023	0,316	0,001	0,011	0,028	FALSE
0,084	0,314	0,002	0,008	0,069	FALSE
0,130	0,296	0,005	0,011	0,197	FALSE
-0,053	0,299	-0,001	0,008	0,037	FALSE
-0,063	0,301	-0,003	0,012	0,084	FALSE
-0,019	0,310	-0,001	0,008	0,045	FALSE
0,132	0,299	0,004	0,009	0,205	FALSE
-0,033	0,295	-0,001	0,009	0,037	FALSE
0,057	0,306	0,002	0,010	0,091	FALSE
0,070	0,307	0,002	0,010	0,086	FALSE
0,058	0,318	0,002	0,009	0,080	FALSE
0,058	0,307	0,003	0,011	0,094	FALSE
0,038	0,309	0,001	0,009	0,046	FALSE
0,029	0,289	0,000	0,007	0,002	FALSE
-0,056	0,303	-0,001	0,006	0,032	FALSE
0,019	0,300	0,000	0,007	0,015	FALSE
0,017	0,304	0,001	0,008	0,025	FALSE
0,009	0,299	0,001	0,007	0,031	FALSE
0,055	0,312	0,001	0,009	0,037	FALSE
-0,171	0,307	-0,004	0,008	0,234	FALSE
-0,033	0,303	-0,001	0,008	0,056	FALSE
-0,042	0,315	-0,001	0,013	0,026	FALSE
0,112	0,311	0,004	0,010	0,149	FALSE
-0,088	0,298	-0,002	0,006	0,118	FALSE
-0,034	0,305	-0,002	0,010	0,085	FALSE
-0,040	0,296	-0,003	0,010	0,094	FALSE
-0,132	0,304	-0,003	0,007	0,174	FALSE
0,055	0,307	0,002	0,012	0,068	FALSE
-0,070	0,300	-0,001	0,007	0,062	FALSE
0,011	0,302	0,001	0,008	0,031	FALSE
-0,060	0,293	-0,001	0,009	0,055	FALSE
-0,055	0,301	-0,003	0,013	0,094	FALSE
-0,081	0,320	-0,002	0,008	0,087	FALSE
-0,007	0,321	0,000	0,008	0,015	FALSE
-0,059	0,322	-0,001	0,007	0,071	FALSE
-0,047	0,316	-0,002	0,010	0,061	FALSE
-0,045	0,306	-0,001	0,013	0,036	FALSE
-0,074	0,309	-0,001	0,007	0,081	FALSE
0,031	0,297	0,002	0,011	0,057	FALSE
-0,200	0,297	-0,006	0,010	0,264	FALSE
0,177	0,300	0,004	0,007	0,227	FALSE
-0,034	0,297	-0,001	0,007	0,042	FALSE
0,079	0,305	0,003	0,012	0,093	FALSE
-0,018	0,310	0,000	0,008	0,006	FALSE
0,099	0,303	0,003	0,008	0,169	FALSE
-0,003	0,310	0,000	0,010	0,005	FALSE
-0,031	0,313	-0,001	0,007	0,035	FALSE

0,008	0,312	0,000	0,010	0,014	FALSE
-0,005	0,301	0,000	0,011	0,010	FALSE
0,028	0,314	0,001	0,010	0,029	FALSE
-0,078	0,310	-0,003	0,010	0,094	FALSE
-0,025	0,302	0,000	0,007	0,020	FALSE
-0,039	0,313	-0,001	0,012	0,041	FALSE
0,106	0,306	0,005	0,012	0,164	FALSE
0,082	0,307	0,003	0,009	0,121	FALSE
0,058	0,302	0,000	0,007	0,023	FALSE
-0,128	0,295	-0,004	0,009	0,175	FALSE
-0,031	0,302	-0,001	0,007	0,033	FALSE
0,078	0,319	0,003	0,011	0,088	FALSE
0,018	0,315	0,000	0,010	0,001	FALSE
-0,175	0,313	-0,007	0,013	0,246	FALSE
-0,165	0,303	-0,007	0,012	0,234	FALSE
-0,150	0,292	-0,006	0,012	0,209	FALSE
0,004	0,310	0,000	0,007	0,003	FALSE
-0,034	0,321	-0,001	0,008	0,043	FALSE
-0,005	0,321	0,000	0,008	0,007	FALSE
-0,028	0,303	-0,001	0,008	0,039	FALSE
0,057	0,319	0,002	0,013	0,058	FALSE
0,050	0,312	0,002	0,012	0,067	FALSE
0,003	0,317	0,001	0,007	0,028	FALSE
0,037	0,303	0,002	0,012	0,061	FALSE
0,094	0,300	0,003	0,013	0,105	FALSE
0,010	0,310	0,000	0,007	0,022	FALSE
-0,014	0,308	0,000	0,011	0,009	FALSE
0,062	0,319	0,002	0,010	0,079	FALSE
0,030	0,325	0,001	0,008	0,042	FALSE
0,012	0,315	0,001	0,013	0,021	FALSE
0,062	0,313	0,003	0,008	0,116	FALSE
0,089	0,301	0,002	0,009	0,101	FALSE
-0,119	0,308	-0,004	0,009	0,186	FALSE
0,035	0,298	0,001	0,012	0,027	FALSE
-0,003	0,317	0,000	0,007	0,019	FALSE
0,063	0,303	0,002	0,007	0,100	FALSE
0,106	0,293	0,004	0,010	0,156	FALSE
0,035	0,314	0,001	0,011	0,030	FALSE
-0,004	0,289	0,001	0,011	0,040	FALSE
0,035	0,316	0,001	0,007	0,046	FALSE
-0,119	0,311	-0,002	0,007	0,131	FALSE
0,095	0,298	0,003	0,009	0,130	FALSE
0,036	0,305	0,001	0,008	0,037	FALSE
-0,019	0,314	-0,001	0,011	0,026	FALSE
-0,038	0,314	-0,001	0,006	0,043	FALSE
0,182	0,281	0,004	0,007	0,214	FALSE
0,044	0,302	0,000	0,012	0,005	FALSE
-0,121	0,309	-0,003	0,008	0,168	FALSE
-0,027	0,295	0,000	0,006	0,004	FALSE
0,038	0,323	0,001	0,007	0,057	FALSE
-0,059	0,307	-0,001	0,009	0,059	FALSE
-0,064	0,304	-0,002	0,009	0,069	FALSE
-0,047	0,314	-0,002	0,013	0,063	FALSE

-0,052	0,301	-0,002	0,009	0,075	FALSE
0,106	0,294	0,003	0,007	0,148	FALSE
-0,004	0,304	0,000	0,008	0,002	FALSE
-0,005	0,303	0,000	0,010	0,005	FALSE
-0,104	0,298	-0,003	0,008	0,127	FALSE
0,001	0,320	0,001	0,012	0,016	FALSE
0,074	0,313	0,002	0,008	0,077	FALSE
0,045	0,317	0,001	0,007	0,058	FALSE
0,175	0,302	0,004	0,006	0,266	FALSE
0,122	0,311	0,003	0,011	0,111	FALSE
0,079	0,317	0,002	0,013	0,073	FALSE
0,105	0,311	0,004	0,013	0,114	FALSE
0,025	0,327	0,001	0,007	0,031	FALSE
-0,071	0,300	-0,001	0,007	0,077	FALSE
-0,002	0,317	0,000	0,013	0,004	FALSE
0,032	0,304	0,002	0,011	0,059	FALSE
-0,046	0,331	-0,001	0,008	0,060	FALSE
0,037	0,300	0,001	0,008	0,060	FALSE
0,014	0,304	0,000	0,011	0,008	FALSE
0,026	0,311	0,001	0,011	0,021	FALSE
-0,056	0,308	-0,001	0,008	0,066	FALSE
-0,057	0,310	-0,001	0,013	0,028	FALSE
-0,111	0,304	-0,003	0,009	0,104	FALSE
-0,064	0,299	-0,002	0,012	0,047	FALSE
0,000	0,317	0,000	0,008	0,000	FALSE
0,066	0,291	0,001	0,007	0,072	FALSE
-0,072	0,308	-0,002	0,006	0,100	FALSE
-0,038	0,319	-0,001	0,007	0,029	FALSE
0,008	0,313	0,001	0,012	0,018	FALSE
0,054	0,310	0,001	0,011	0,047	FALSE
-0,016	0,305	0,000	0,013	0,004	FALSE
0,025	0,303	0,000	0,013	0,002	FALSE
0,083	0,288	0,001	0,007	0,081	FALSE
-0,104	0,303	-0,003	0,008	0,168	FALSE
0,024	0,309	0,001	0,007	0,030	FALSE
0,041	0,319	0,001	0,012	0,043	FALSE
0,101	0,306	0,003	0,011	0,114	FALSE
-0,068	0,324	-0,003	0,013	0,094	FALSE
0,037	0,300	0,001	0,010	0,018	FALSE
0,092	0,292	0,002	0,007	0,084	FALSE
0,054	0,296	0,002	0,008	0,091	FALSE
-0,066	0,307	-0,003	0,013	0,106	FALSE
-0,059	0,307	-0,002	0,007	0,101	FALSE
0,043	0,305	0,002	0,009	0,080	FALSE
-0,129	0,311	-0,004	0,010	0,176	FALSE
-0,030	0,306	-0,001	0,011	0,019	FALSE
0,061	0,304	0,002	0,012	0,073	FALSE
-0,054	0,314	-0,001	0,009	0,062	FALSE
-0,051	0,302	-0,001	0,007	0,077	FALSE
0,053	0,312	0,001	0,007	0,071	FALSE
0,001	0,301	0,001	0,010	0,024	FALSE
0,036	0,312	0,000	0,007	0,022	FALSE
-0,048	0,307	-0,001	0,009	0,044	FALSE

0,042	0,310	0,001	0,012	0,043	FALSE
0,024	0,297	0,001	0,006	0,043	FALSE
-0,052	0,299	-0,001	0,010	0,032	FALSE
0,077	0,301	0,002	0,010	0,079	FALSE
-0,010	0,298	-0,001	0,009	0,023	FALSE
-0,104	0,301	-0,004	0,010	0,171	FALSE
-0,037	0,313	-0,002	0,012	0,053	FALSE
0,134	0,298	0,005	0,010	0,204	FALSE
-0,063	0,317	-0,002	0,011	0,051	FALSE
0,095	0,303	0,004	0,012	0,122	FALSE
-0,076	0,311	-0,003	0,011	0,109	FALSE
-0,100	0,316	-0,004	0,013	0,120	FALSE
0,019	0,322	0,001	0,009	0,030	FALSE
0,046	0,302	0,002	0,011	0,087	FALSE
-0,003	0,308	0,001	0,011	0,036	FALSE
0,036	0,305	0,001	0,010	0,050	FALSE
0,090	0,314	0,003	0,007	0,140	FALSE
0,079	0,302	0,004	0,013	0,108	FALSE
-0,116	0,308	-0,003	0,007	0,140	FALSE
0,027	0,309	0,001	0,008	0,024	FALSE
0,078	0,304	0,004	0,013	0,117	FALSE
-0,039	0,309	-0,001	0,009	0,039	FALSE
0,073	0,323	0,001	0,007	0,077	FALSE
0,050	0,311	0,001	0,008	0,070	FALSE
-0,003	0,324	0,000	0,008	0,009	FALSE
-0,023	0,313	-0,001	0,007	0,034	FALSE
-0,034	0,309	-0,001	0,007	0,044	FALSE
0,037	0,317	0,000	0,012	0,008	FALSE
-0,010	0,325	0,000	0,008	0,000	FALSE
-0,038	0,306	-0,001	0,012	0,032	FALSE
0,003	0,310	0,000	0,007	0,005	FALSE
-0,045	0,307	-0,001	0,010	0,042	FALSE
-0,045	0,311	-0,001	0,007	0,049	FALSE
-0,001	0,307	0,001	0,008	0,040	FALSE
-0,045	0,318	-0,002	0,012	0,050	FALSE
-0,156	0,303	-0,003	0,007	0,207	FALSE
0,004	0,326	0,000	0,007	0,011	FALSE
-0,028	0,311	-0,001	0,007	0,055	FALSE
-0,064	0,301	-0,002	0,007	0,087	FALSE
-0,129	0,308	-0,004	0,009	0,195	FALSE
-0,061	0,323	-0,002	0,009	0,073	FALSE
0,016	0,315	0,000	0,009	0,009	FALSE
0,013	0,307	0,000	0,013	0,002	FALSE
0,000	0,295	0,000	0,011	0,012	FALSE
0,057	0,302	0,002	0,008	0,116	FALSE
0,080	0,307	0,002	0,008	0,105	FALSE
-0,037	0,313	-0,001	0,012	0,042	FALSE
0,033	0,308	0,001	0,007	0,050	FALSE
-0,024	0,307	0,000	0,007	0,022	FALSE
0,021	0,305	0,000	0,006	0,022	FALSE
-0,010	0,315	0,000	0,008	0,003	FALSE
0,079	0,319	0,003	0,013	0,086	FALSE
-0,083	0,295	-0,004	0,012	0,124	FALSE

-0,058	0,319	-0,001	0,008	0,052	FALSE
0,047	0,310	0,001	0,012	0,045	FALSE
0,052	0,312	0,001	0,013	0,039	FALSE
0,140	0,307	0,002	0,007	0,137	FALSE
0,067	0,314	0,003	0,009	0,117	FALSE
0,008	0,296	0,000	0,011	0,000	FALSE
0,148	0,318	0,006	0,011	0,218	FALSE
-0,185	0,300	-0,005	0,009	0,247	FALSE
0,056	0,307	0,002	0,009	0,092	FALSE
0,092	0,302	0,004	0,009	0,155	FALSE
0,101	0,305	0,003	0,010	0,120	FALSE
-0,095	0,312	-0,002	0,008	0,108	FALSE
-0,030	0,314	-0,001	0,009	0,023	FALSE
0,057	0,320	0,002	0,007	0,096	FALSE
0,204	0,296	0,005	0,007	0,364	FALSE
-0,011	0,314	0,000	0,013	0,004	FALSE
-0,112	0,319	-0,002	0,007	0,126	FALSE
0,003	0,297	-0,001	0,011	0,019	FALSE
-0,138	0,309	-0,005	0,013	0,165	FALSE
0,009	0,323	0,000	0,008	0,003	FALSE
0,084	0,301	0,002	0,007	0,118	FALSE
0,104	0,310	0,003	0,007	0,146	FALSE
-0,024	0,305	-0,001	0,007	0,044	FALSE
-0,020	0,302	-0,001	0,007	0,027	FALSE
0,140	0,287	0,003	0,006	0,179	FALSE
0,049	0,300	0,001	0,008	0,050	FALSE
-0,084	0,294	-0,004	0,012	0,148	FALSE
0,016	0,293	0,000	0,012	0,012	FALSE
-0,026	0,300	-0,001	0,010	0,034	FALSE
0,004	0,312	-0,001	0,011	0,021	FALSE
0,019	0,307	0,001	0,011	0,022	FALSE
0,038	0,313	0,001	0,009	0,052	FALSE
0,024	0,302	0,001	0,007	0,045	FALSE
-0,079	0,298	-0,002	0,009	0,066	FALSE
-0,064	0,322	-0,002	0,009	0,096	FALSE
-0,037	0,286	-0,001	0,007	0,025	FALSE
-0,006	0,314	-0,001	0,013	0,028	FALSE
-0,110	0,298	-0,003	0,007	0,136	FALSE
-0,003	0,319	0,000	0,008	0,010	FALSE
-0,033	0,314	-0,002	0,011	0,055	FALSE
-0,080	0,295	-0,002	0,009	0,082	FALSE
0,093	0,290	0,003	0,012	0,107	FALSE
-0,037	0,309	-0,002	0,011	0,061	FALSE
0,046	0,311	0,001	0,011	0,048	FALSE
-0,008	0,308	-0,001	0,013	0,022	FALSE
0,001	0,304	0,000	0,007	0,024	FALSE
-0,025	0,302	-0,002	0,011	0,064	FALSE
0,108	0,304	0,004	0,010	0,172	FALSE
0,032	0,310	0,001	0,009	0,058	FALSE
-0,040	0,302	-0,003	0,012	0,085	FALSE
-0,032	0,298	-0,001	0,012	0,026	FALSE
-0,088	0,309	-0,005	0,013	0,152	FALSE
0,116	0,300	0,004	0,009	0,180	FALSE

0,174	0,303	0,006	0,010	0,284	FALSE
-0,117	0,301	-0,006	0,013	0,191	FALSE
0,046	0,304	0,001	0,010	0,053	FALSE
-0,034	0,305	-0,001	0,012	0,027	FALSE
-0,037	0,327	-0,001	0,007	0,043	FALSE
0,019	0,305	0,000	0,008	0,009	FALSE
0,004	0,303	-0,001	0,007	0,028	FALSE
-0,055	0,302	-0,002	0,011	0,066	FALSE
-0,048	0,303	-0,002	0,010	0,064	FALSE
-0,115	0,307	-0,005	0,012	0,163	FALSE
-0,069	0,297	-0,002	0,009	0,087	FALSE
0,012	0,309	0,000	0,011	0,002	FALSE
0,050	0,310	0,001	0,007	0,062	FALSE
0,012	0,309	0,000	0,009	0,013	FALSE
0,115	0,300	0,002	0,006	0,157	FALSE
0,087	0,303	0,004	0,011	0,141	FALSE
0,015	0,296	0,001	0,009	0,020	FALSE
0,082	0,303	0,003	0,009	0,106	FALSE
0,040	0,304	0,002	0,012	0,049	FALSE
-0,141	0,313	-0,004	0,010	0,166	FALSE
-0,043	0,313	-0,001	0,008	0,039	FALSE
-0,139	0,291	-0,004	0,008	0,206	FALSE
0,095	0,325	0,003	0,013	0,087	FALSE
-0,063	0,295	-0,002	0,007	0,085	FALSE
-0,025	0,317	0,000	0,007	0,012	FALSE
0,012	0,303	0,000	0,012	0,013	FALSE
0,050	0,312	0,001	0,007	0,048	FALSE
-0,131	0,320	-0,004	0,010	0,166	FALSE
-0,009	0,297	0,000	0,009	0,001	FALSE
-0,062	0,307	-0,001	0,007	0,061	FALSE
0,000	0,294	0,000	0,009	0,019	FALSE
0,001	0,316	0,000	0,012	0,012	FALSE
0,026	0,305	0,000	0,007	0,019	FALSE
0,019	0,301	0,000	0,006	0,002	FALSE
-0,143	0,307	-0,005	0,009	0,224	FALSE
0,054	0,314	0,001	0,007	0,061	FALSE
0,007	0,308	0,000	0,007	0,003	FALSE
-0,069	0,295	-0,003	0,011	0,114	FALSE
0,028	0,306	0,002	0,011	0,063	FALSE
0,105	0,303	0,003	0,010	0,111	FALSE
0,090	0,311	0,003	0,013	0,092	FALSE
-0,087	0,318	-0,002	0,010	0,086	FALSE
-0,004	0,300	0,000	0,012	0,011	FALSE
-0,101	0,302	-0,004	0,013	0,118	FALSE
0,064	0,302	0,002	0,013	0,051	FALSE
0,077	0,303	0,002	0,013	0,070	FALSE
0,098	0,323	0,002	0,008	0,111	FALSE
0,015	0,310	0,000	0,009	0,008	FALSE
-0,058	0,312	-0,002	0,010	0,068	FALSE
-0,078	0,327	-0,003	0,011	0,095	FALSE
0,144	0,310	0,006	0,011	0,220	FALSE
0,208	0,298	0,010	0,012	0,390	FALSE
-0,006	0,312	0,000	0,009	0,009	FALSE

0,014	0,303	0,001	0,012	0,021	FALSE
-0,004	0,307	0,000	0,009	0,011	FALSE
0,074	0,322	0,002	0,007	0,116	FALSE
-0,070	0,315	-0,002	0,007	0,088	FALSE
0,019	0,314	0,001	0,011	0,037	FALSE
0,081	0,317	0,002	0,009	0,101	FALSE
-0,091	0,298	-0,003	0,012	0,112	FALSE
0,045	0,300	0,001	0,007	0,072	FALSE
-0,066	0,301	-0,003	0,012	0,081	FALSE
0,160	0,298	0,004	0,008	0,212	FALSE
0,024	0,294	0,000	0,013	0,010	FALSE
-0,048	0,303	-0,001	0,011	0,028	FALSE
-0,015	0,293	0,000	0,007	0,013	FALSE
-0,063	0,305	-0,003	0,010	0,092	FALSE
0,174	0,314	0,003	0,007	0,210	FALSE
0,054	0,308	0,002	0,011	0,063	FALSE
0,096	0,295	0,004	0,012	0,135	FALSE
0,175	0,305	0,004	0,008	0,211	FALSE
0,096	0,313	0,003	0,009	0,146	FALSE
0,048	0,309	0,001	0,008	0,060	FALSE
-0,118	0,290	-0,004	0,011	0,153	FALSE
0,071	0,324	0,003	0,012	0,082	FALSE
0,210	0,291	0,008	0,010	0,336	FALSE
0,170	0,293	0,005	0,008	0,272	FALSE
0,244	0,291	0,008	0,009	0,384	FALSE
0,098	0,284	0,004	0,012	0,135	FALSE
-0,027	0,312	-0,001	0,009	0,021	FALSE
0,007	0,308	0,000	0,008	0,012	FALSE
0,004	0,308	0,000	0,009	0,012	FALSE
-0,015	0,312	-0,002	0,012	0,047	FALSE
-0,009	0,319	-0,001	0,012	0,036	FALSE
-0,027	0,304	-0,001	0,006	0,030	FALSE
0,060	0,310	0,002	0,012	0,061	FALSE
-0,005	0,320	0,000	0,013	0,002	FALSE
0,022	0,322	0,001	0,013	0,032	FALSE
-0,015	0,312	0,000	0,006	0,004	FALSE
-0,017	0,314	0,000	0,006	0,002	FALSE
-0,011	0,308	0,000	0,010	0,004	FALSE
-0,094	0,315	-0,002	0,007	0,115	FALSE
-0,028	0,305	0,000	0,007	0,021	FALSE
-0,088	0,307	-0,004	0,013	0,124	FALSE
-0,059	0,307	-0,002	0,010	0,063	FALSE
-0,134	0,295	-0,006	0,013	0,187	FALSE
-0,101	0,306	-0,003	0,008	0,141	FALSE
-0,097	0,311	-0,002	0,008	0,118	FALSE
-0,141	0,311	-0,005	0,011	0,165	FALSE
-0,110	0,300	-0,005	0,012	0,156	FALSE
-0,047	0,311	-0,002	0,011	0,069	FALSE
0,043	0,316	0,002	0,010	0,069	FALSE
-0,036	0,310	-0,001	0,009	0,041	FALSE
0,085	0,297	0,002	0,007	0,124	FALSE
0,067	0,308	0,002	0,007	0,082	FALSE
0,022	0,306	0,001	0,010	0,029	FALSE

0,052	0,314	0,003	0,012	0,092	FALSE
0,052	0,303	0,002	0,007	0,091	FALSE
-0,052	0,304	-0,001	0,007	0,047	FALSE
0,047	0,294	0,001	0,008	0,033	FALSE
0,121	0,304	0,005	0,013	0,156	FALSE
0,142	0,300	0,006	0,011	0,228	FALSE
-0,021	0,307	0,000	0,007	0,021	FALSE
-0,143	0,323	-0,005	0,011	0,193	FALSE
-0,098	0,319	-0,002	0,007	0,128	FALSE
-0,071	0,295	-0,004	0,013	0,116	FALSE
0,025	0,316	0,002	0,013	0,053	FALSE
0,034	0,292	0,002	0,012	0,064	FALSE
0,001	0,308	-0,001	0,013	0,023	FALSE
0,039	0,308	0,002	0,012	0,051	FALSE
-0,117	0,313	-0,004	0,008	0,190	FALSE
0,114	0,312	0,004	0,011	0,155	FALSE
0,007	0,301	0,001	0,007	0,042	FALSE
0,013	0,303	0,000	0,008	0,013	FALSE
-0,083	0,314	-0,002	0,008	0,076	FALSE
-0,040	0,316	-0,001	0,009	0,053	FALSE
0,125	0,304	0,005	0,013	0,168	FALSE
0,076	0,308	0,002	0,006	0,090	FALSE
-0,025	0,304	-0,001	0,008	0,041	FALSE
0,033	0,304	0,001	0,011	0,048	FALSE
-0,104	0,306	-0,005	0,013	0,169	FALSE
0,032	0,309	0,001	0,009	0,052	FALSE
-0,025	0,303	0,000	0,007	0,020	FALSE
-0,071	0,298	-0,002	0,009	0,085	FALSE
-0,082	0,296	-0,004	0,012	0,117	FALSE
0,085	0,309	0,002	0,009	0,086	FALSE
-0,016	0,298	0,000	0,009	0,004	FALSE
-0,065	0,299	-0,002	0,009	0,066	FALSE
0,057	0,312	0,001	0,008	0,071	FALSE
0,074	0,318	0,003	0,010	0,133	FALSE
0,101	0,308	0,004	0,011	0,128	FALSE
-0,048	0,321	-0,001	0,007	0,069	FALSE
-0,064	0,305	-0,003	0,013	0,099	FALSE
0,060	0,310	0,003	0,012	0,082	FALSE
-0,107	0,300	-0,003	0,007	0,154	FALSE
-0,069	0,296	-0,003	0,013	0,079	FALSE
-0,012	0,295	0,000	0,009	0,010	FALSE
-0,140	0,300	-0,003	0,006	0,189	FALSE
0,136	0,310	0,003	0,008	0,152	FALSE
-0,009	0,298	0,000	0,006	0,007	FALSE
0,141	0,302	0,004	0,007	0,219	FALSE
0,029	0,306	0,001	0,009	0,042	FALSE
-0,075	0,294	-0,002	0,008	0,095	FALSE
0,093	0,316	0,003	0,009	0,118	FALSE
0,089	0,309	0,004	0,012	0,114	FALSE
0,003	0,317	0,000	0,008	0,003	FALSE
0,115	0,302	0,003	0,008	0,160	FALSE
-0,074	0,302	-0,003	0,012	0,106	FALSE
-0,116	0,307	-0,003	0,009	0,119	FALSE

0,063	0,311	0,002	0,012	0,074	FALSE
0,089	0,312	0,002	0,008	0,126	FALSE
0,037	0,303	0,001	0,010	0,044	FALSE
0,001	0,314	0,000	0,008	0,013	FALSE
-0,103	0,303	-0,004	0,011	0,167	FALSE
0,050	0,308	0,002	0,010	0,086	FALSE
0,079	0,312	0,001	0,007	0,067	FALSE
-0,070	0,313	-0,001	0,009	0,052	FALSE
-0,050	0,313	-0,002	0,012	0,064	FALSE
-0,136	0,302	-0,004	0,008	0,202	FALSE
0,084	0,315	0,003	0,012	0,086	FALSE
0,023	0,310	0,001	0,007	0,026	FALSE
-0,082	0,282	-0,002	0,006	0,127	FALSE
0,037	0,312	0,000	0,007	0,016	FALSE
0,098	0,307	0,003	0,013	0,085	FALSE
-0,058	0,308	-0,002	0,011	0,073	FALSE
-0,114	0,310	-0,005	0,013	0,148	FALSE
-0,023	0,299	0,000	0,008	0,011	FALSE
-0,102	0,297	-0,002	0,007	0,137	FALSE
0,040	0,319	0,002	0,009	0,061	FALSE
-0,072	0,304	-0,002	0,011	0,078	FALSE
0,008	0,295	0,001	0,010	0,042	FALSE
-0,062	0,314	-0,002	0,008	0,093	FALSE
0,063	0,299	0,002	0,007	0,093	FALSE
0,056	0,306	0,002	0,012	0,075	FALSE
0,085	0,303	0,003	0,012	0,102	FALSE
-0,039	0,292	-0,001	0,008	0,042	FALSE
0,041	0,303	0,001	0,007	0,058	FALSE
-0,028	0,303	0,000	0,006	0,014	FALSE
-0,034	0,302	-0,001	0,010	0,046	FALSE
-0,018	0,306	0,000	0,008	0,004	FALSE
0,013	0,321	0,001	0,011	0,018	FALSE
0,015	0,287	0,000	0,008	0,016	FALSE
0,049	0,313	0,001	0,008	0,059	FALSE
0,099	0,311	0,003	0,009	0,138	FALSE
0,013	0,296	0,000	0,012	0,007	FALSE
-0,114	0,298	-0,003	0,007	0,170	FALSE
-0,022	0,310	-0,002	0,013	0,068	FALSE
0,027	0,310	0,001	0,009	0,044	FALSE
-0,072	0,305	-0,001	0,009	0,056	FALSE
0,091	0,310	0,004	0,012	0,133	FALSE
-0,029	0,315	0,000	0,009	0,014	FALSE
0,151	0,313	0,007	0,013	0,224	FALSE
0,187	0,295	0,007	0,012	0,274	FALSE
0,175	0,308	0,007	0,012	0,244	FALSE
-0,102	0,317	-0,003	0,009	0,155	FALSE
0,140	0,303	0,003	0,007	0,180	FALSE
0,103	0,303	0,005	0,013	0,134	FALSE
-0,140	0,312	-0,004	0,010	0,155	FALSE
0,057	0,302	0,002	0,011	0,067	FALSE
0,178	0,305	0,007	0,012	0,261	FALSE
-0,004	0,299	0,000	0,008	0,010	FALSE
0,042	0,301	0,002	0,007	0,090	FALSE

-0,105	0,306	-0,003	0,010	0,114	FALSE
-0,018	0,319	0,000	0,008	0,021	FALSE
0,037	0,329	0,001	0,008	0,044	FALSE
0,008	0,306	0,000	0,007	0,018	FALSE
-0,037	0,305	-0,001	0,011	0,026	FALSE
0,002	0,309	0,000	0,008	0,007	FALSE
-0,034	0,304	0,000	0,009	0,012	FALSE
-0,032	0,289	-0,001	0,010	0,029	FALSE
0,091	0,313	0,002	0,009	0,087	FALSE
-0,022	0,310	0,000	0,007	0,000	FALSE
-0,013	0,335	0,000	0,011	0,012	FALSE
-0,033	0,305	-0,001	0,008	0,028	FALSE
-0,025	0,315	-0,001	0,012	0,037	FALSE
-0,035	0,309	-0,001	0,009	0,040	FALSE
0,063	0,294	0,002	0,007	0,127	FALSE
0,071	0,312	0,003	0,010	0,117	FALSE
0,010	0,293	0,000	0,007	0,000	FALSE
-0,068	0,296	-0,001	0,007	0,076	FALSE
0,026	0,307	0,001	0,009	0,028	FALSE
-0,012	0,301	0,000	0,007	0,009	FALSE
0,030	0,297	0,000	0,008	0,003	FALSE
-0,064	0,311	-0,001	0,007	0,052	FALSE
-0,059	0,303	-0,001	0,006	0,072	FALSE
0,086	0,313	0,002	0,009	0,101	FALSE
-0,037	0,305	-0,001	0,010	0,048	FALSE
-0,027	0,306	0,000	0,008	0,007	FALSE
0,082	0,303	0,003	0,010	0,124	FALSE
-0,066	0,310	-0,002	0,008	0,083	FALSE
-0,092	0,305	-0,003	0,010	0,114	FALSE
-0,020	0,308	-0,001	0,008	0,052	FALSE
0,020	0,315	0,001	0,012	0,036	FALSE
-0,002	0,304	0,000	0,007	0,001	FALSE
-0,009	0,298	0,000	0,007	0,014	FALSE
0,000	0,314	0,000	0,013	0,008	FALSE
0,015	0,314	0,001	0,011	0,018	FALSE
0,005	0,309	0,000	0,007	0,003	FALSE
0,102	0,326	0,004	0,010	0,145	FALSE
-0,012	0,297	0,000	0,007	0,020	FALSE
0,059	0,319	0,002	0,010	0,086	FALSE
0,026	0,312	0,000	0,008	0,016	FALSE
-0,005	0,313	0,000	0,011	0,011	FALSE
-0,015	0,309	0,000	0,007	0,017	FALSE
0,047	0,306	0,002	0,010	0,073	FALSE
-0,027	0,310	-0,001	0,008	0,030	FALSE
-0,012	0,309	0,000	0,013	0,009	FALSE
0,150	0,297	0,003	0,008	0,178	FALSE
-0,099	0,297	-0,002	0,007	0,110	FALSE
-0,176	0,296	-0,006	0,010	0,235	FALSE
0,068	0,320	0,002	0,008	0,071	FALSE
0,059	0,307	0,002	0,008	0,074	FALSE
0,030	0,319	0,001	0,013	0,017	FALSE
-0,101	0,319	-0,002	0,007	0,107	FALSE
0,009	0,307	0,000	0,012	0,009	FALSE

0,017	0,311	0,000	0,007	0,015	FALSE
0,068	0,311	0,001	0,007	0,070	FALSE
-0,065	0,309	-0,001	0,009	0,036	FALSE
0,017	0,305	0,001	0,010	0,020	FALSE
0,023	0,311	0,000	0,011	0,014	FALSE
0,032	0,304	0,000	0,007	0,021	FALSE
-0,015	0,304	-0,001	0,009	0,032	FALSE
-0,099	0,313	-0,004	0,013	0,137	FALSE
0,043	0,304	0,001	0,007	0,077	FALSE
0,117	0,304	0,004	0,010	0,170	FALSE
-0,146	0,285	-0,003	0,006	0,170	FALSE
0,030	0,303	0,000	0,010	0,003	FALSE
0,040	0,309	0,002	0,012	0,071	FALSE
-0,034	0,293	0,000	0,008	0,004	FALSE
-0,045	0,322	-0,002	0,013	0,048	FALSE
-0,014	0,310	0,000	0,006	0,025	FALSE
-0,001	0,314	0,000	0,008	0,013	FALSE
-0,016	0,313	0,000	0,013	0,001	FALSE
0,107	0,315	0,003	0,009	0,107	FALSE
-0,044	0,308	-0,001	0,006	0,071	FALSE
0,076	0,318	0,003	0,009	0,103	FALSE
0,017	0,312	0,001	0,008	0,045	FALSE
-0,093	0,311	-0,002	0,008	0,097	FALSE
0,013	0,308	0,000	0,008	0,010	FALSE
0,014	0,307	0,000	0,007	0,011	FALSE
-0,015	0,307	0,001	0,009	0,025	FALSE
-0,110	0,307	-0,005	0,011	0,171	FALSE
0,093	0,303	0,003	0,007	0,157	FALSE
-0,036	0,310	-0,001	0,011	0,024	FALSE
0,029	0,311	0,001	0,009	0,037	FALSE
-0,074	0,299	-0,002	0,007	0,098	FALSE
-0,113	0,306	-0,004	0,012	0,116	FALSE
-0,124	0,306	-0,003	0,010	0,130	FALSE
0,078	0,301	0,002	0,006	0,089	FALSE
0,034	0,313	0,000	0,013	0,008	FALSE
0,041	0,316	0,001	0,009	0,034	FALSE
-0,082	0,304	-0,003	0,012	0,105	FALSE
0,022	0,298	0,000	0,008	0,019	FALSE
0,044	0,310	0,001	0,008	0,029	FALSE
0,024	0,309	0,001	0,009	0,034	FALSE
0,045	0,313	0,002	0,013	0,056	FALSE
0,049	0,321	0,002	0,008	0,077	FALSE
-0,029	0,309	-0,002	0,012	0,050	FALSE
0,012	0,327	0,000	0,013	0,007	FALSE
0,095	0,299	0,003	0,009	0,153	FALSE
-0,002	0,285	0,000	0,012	0,005	FALSE
-0,087	0,315	-0,002	0,007	0,096	FALSE
0,005	0,314	0,000	0,007	0,015	FALSE
0,029	0,321	0,001	0,012	0,035	FALSE
0,032	0,299	0,000	0,012	0,008	FALSE
-0,043	0,306	-0,001	0,012	0,030	FALSE
-0,081	0,308	-0,003	0,012	0,112	FALSE
-0,053	0,309	-0,002	0,010	0,073	FALSE

-0,140	0,292	-0,004	0,007	0,239	FALSE
-0,049	0,306	-0,002	0,007	0,099	FALSE
0,021	0,310	0,001	0,007	0,038	FALSE
-0,016	0,315	-0,001	0,008	0,040	FALSE
0,071	0,307	0,001	0,006	0,085	FALSE
0,031	0,314	0,001	0,011	0,019	FALSE
-0,114	0,308	-0,002	0,007	0,141	FALSE
-0,033	0,313	0,000	0,006	0,022	FALSE
0,068	0,303	0,002	0,008	0,113	FALSE
-0,064	0,303	-0,001	0,007	0,053	FALSE
-0,022	0,320	0,000	0,007	0,005	FALSE
0,064	0,318	0,001	0,007	0,079	FALSE
0,082	0,328	0,002	0,007	0,096	FALSE
-0,034	0,301	-0,001	0,011	0,021	FALSE
0,100	0,322	0,003	0,011	0,117	FALSE
0,013	0,314	0,000	0,012	0,008	FALSE
-0,015	0,305	0,000	0,009	0,008	FALSE
0,064	0,301	0,001	0,006	0,088	FALSE
-0,195	0,299	-0,005	0,009	0,256	FALSE
-0,162	0,302	-0,004	0,008	0,211	FALSE
-0,029	0,310	-0,002	0,007	0,086	FALSE
-0,012	0,304	-0,002	0,013	0,054	FALSE
-0,077	0,300	-0,002	0,008	0,086	FALSE
0,051	0,325	0,001	0,013	0,018	FALSE
-0,031	0,304	-0,001	0,012	0,029	FALSE
0,045	0,321	0,001	0,007	0,068	FALSE
-0,042	0,312	-0,003	0,012	0,084	FALSE
0,000	0,298	-0,001	0,011	0,046	FALSE
0,053	0,325	0,002	0,008	0,076	FALSE
-0,075	0,308	-0,002	0,009	0,086	FALSE
-0,135	0,311	-0,003	0,007	0,191	FALSE
-0,076	0,305	-0,003	0,009	0,109	FALSE
0,001	0,317	0,000	0,007	0,011	FALSE
0,005	0,315	0,000	0,013	0,008	FALSE
-0,115	0,313	-0,004	0,012	0,130	FALSE
-0,103	0,315	-0,003	0,011	0,113	FALSE
0,074	0,307	0,002	0,007	0,090	FALSE
-0,054	0,310	-0,002	0,009	0,077	FALSE
-0,155	0,311	-0,004	0,009	0,171	FALSE
0,088	0,292	0,002	0,006	0,101	FALSE
0,029	0,304	0,000	0,006	0,007	FALSE
0,028	0,302	0,001	0,012	0,019	FALSE
-0,006	0,308	0,000	0,012	0,000	FALSE
0,066	0,315	0,002	0,009	0,082	FALSE
-0,013	0,315	-0,001	0,012	0,034	FALSE
-0,017	0,315	-0,001	0,012	0,035	FALSE
0,068	0,316	0,003	0,013	0,101	FALSE
0,071	0,298	0,002	0,011	0,074	FALSE
0,092	0,303	0,002	0,008	0,105	FALSE
-0,138	0,311	-0,005	0,009	0,202	FALSE
-0,041	0,285	-0,001	0,012	0,023	FALSE
-0,082	0,318	-0,003	0,009	0,131	FALSE
0,024	0,307	0,001	0,007	0,041	FALSE

0,114	0,304	0,006	0,013	0,180	FALSE
-0,076	0,300	-0,003	0,010	0,104	FALSE
0,089	0,313	0,002	0,008	0,118	FALSE
0,096	0,299	0,003	0,012	0,103	FALSE
-0,077	0,319	-0,002	0,007	0,083	FALSE
-0,035	0,305	0,000	0,007	0,014	FALSE
-0,032	0,295	-0,001	0,012	0,038	FALSE
-0,081	0,295	-0,003	0,011	0,105	FALSE
0,035	0,322	0,001	0,009	0,041	FALSE
0,001	0,305	0,000	0,012	0,005	FALSE
-0,092	0,299	-0,003	0,009	0,132	FALSE
-0,089	0,308	-0,002	0,009	0,100	FALSE
0,136	0,302	0,004	0,010	0,155	FALSE
-0,124	0,296	-0,003	0,007	0,160	FALSE
0,096	0,310	0,003	0,008	0,135	FALSE
-0,058	0,320	-0,002	0,012	0,077	FALSE
-0,030	0,306	-0,001	0,009	0,045	FALSE
0,054	0,310	0,002	0,011	0,069	FALSE
-0,021	0,326	-0,001	0,008	0,024	FALSE
-0,028	0,300	0,000	0,007	0,024	FALSE
-0,020	0,316	-0,001	0,009	0,026	FALSE
-0,099	0,307	-0,004	0,010	0,146	FALSE
-0,100	0,313	-0,002	0,008	0,100	FALSE
-0,025	0,309	0,000	0,009	0,014	FALSE
-0,131	0,303	-0,002	0,006	0,132	FALSE
-0,116	0,308	-0,003	0,007	0,176	FALSE
-0,021	0,306	-0,001	0,007	0,040	FALSE
0,049	0,294	0,001	0,011	0,050	FALSE
0,151	0,297	0,006	0,011	0,231	FALSE
0,001	0,302	0,001	0,009	0,041	FALSE
-0,117	0,319	-0,005	0,012	0,151	FALSE
0,089	0,293	0,002	0,006	0,110	FALSE
-0,040	0,324	-0,001	0,013	0,035	FALSE
-0,011	0,322	0,000	0,008	0,000	FALSE
0,031	0,296	0,002	0,010	0,068	FALSE
-0,099	0,304	-0,002	0,007	0,120	FALSE
-0,143	0,300	-0,004	0,009	0,202	FALSE
-0,007	0,304	0,000	0,007	0,009	FALSE
0,058	0,301	0,002	0,007	0,088	FALSE
0,080	0,313	0,002	0,007	0,112	FALSE
0,002	0,310	0,000	0,009	0,002	FALSE
0,003	0,321	0,000	0,009	0,004	FALSE
-0,015	0,312	0,000	0,009	0,016	FALSE
-0,015	0,300	-0,001	0,006	0,032	FALSE
-0,083	0,315	-0,003	0,010	0,106	FALSE
-0,118	0,302	-0,002	0,007	0,132	FALSE
0,087	0,310	0,003	0,010	0,110	FALSE
-0,018	0,293	0,000	0,009	0,003	FALSE
0,029	0,312	0,000	0,007	0,018	FALSE
-0,171	0,302	-0,005	0,009	0,239	FALSE
-0,146	0,304	-0,004	0,007	0,208	FALSE
-0,097	0,304	-0,002	0,008	0,105	FALSE
-0,007	0,310	-0,002	0,010	0,053	FALSE

-0,049	0,303	-0,001	0,011	0,029	FALSE
0,023	0,315	0,000	0,007	0,012	FALSE
0,010	0,299	0,000	0,011	0,014	FALSE
0,038	0,308	0,001	0,007	0,051	FALSE
-0,154	0,305	-0,004	0,009	0,201	FALSE
0,060	0,293	0,001	0,007	0,052	FALSE
-0,066	0,296	-0,002	0,010	0,054	FALSE
0,025	0,303	0,001	0,010	0,041	FALSE
0,040	0,303	0,001	0,009	0,052	FALSE
-0,011	0,309	-0,001	0,012	0,018	FALSE
0,055	0,307	0,002	0,011	0,069	FALSE
-0,029	0,297	-0,001	0,008	0,059	FALSE
-0,047	0,311	-0,002	0,013	0,066	FALSE
-0,098	0,310	-0,002	0,007	0,123	FALSE
-0,095	0,308	-0,003	0,011	0,124	FALSE
-0,039	0,303	-0,001	0,008	0,037	FALSE
-0,157	0,305	-0,004	0,007	0,219	FALSE
-0,107	0,308	-0,003	0,009	0,125	FALSE
0,025	0,306	0,000	0,007	0,017	FALSE
0,041	0,317	0,001	0,008	0,044	FALSE
-0,001	0,310	0,000	0,008	0,022	FALSE
0,060	0,309	0,002	0,012	0,070	FALSE
0,095	0,314	0,002	0,007	0,095	FALSE
0,002	0,303	0,000	0,010	0,000	FALSE
0,022	0,317	0,000	0,011	0,001	FALSE
0,050	0,312	0,001	0,011	0,047	FALSE
-0,152	0,291	-0,005	0,009	0,236	FALSE
-0,047	0,310	-0,001	0,006	0,061	FALSE
0,105	0,310	0,004	0,013	0,120	FALSE
-0,039	0,314	-0,001	0,006	0,038	FALSE
-0,069	0,299	-0,003	0,011	0,101	FALSE
-0,033	0,312	-0,001	0,010	0,019	FALSE
0,152	0,305	0,003	0,006	0,229	FALSE
-0,013	0,303	0,000	0,011	0,008	FALSE
-0,089	0,310	-0,004	0,012	0,132	FALSE
0,098	0,320	0,003	0,009	0,123	FALSE
-0,172	0,292	-0,006	0,009	0,282	FALSE
0,013	0,301	0,001	0,012	0,034	FALSE
0,091	0,302	0,004	0,012	0,128	FALSE
0,085	0,304	0,003	0,012	0,115	FALSE
0,064	0,295	0,004	0,013	0,124	FALSE
-0,142	0,309	-0,004	0,008	0,214	FALSE
0,007	0,313	0,000	0,008	0,018	FALSE
0,024	0,307	0,001	0,012	0,036	FALSE
0,050	0,301	0,001	0,008	0,062	FALSE
-0,054	0,298	-0,002	0,011	0,074	FALSE
0,210	0,305	0,008	0,013	0,261	FALSE
0,161	0,302	0,006	0,013	0,201	FALSE
0,120	0,296	0,005	0,012	0,154	FALSE
0,066	0,305	0,002	0,013	0,064	FALSE
-0,052	0,298	-0,002	0,008	0,095	FALSE
-0,033	0,311	-0,002	0,013	0,044	FALSE
0,004	0,310	0,000	0,013	0,003	FALSE

-0,004	0,311	-0,001	0,007	0,058	FALSE
0,098	0,300	0,004	0,011	0,155	FALSE
-0,055	0,322	-0,002	0,009	0,078	FALSE
-0,158	0,312	-0,006	0,011	0,209	FALSE
-0,101	0,304	-0,003	0,009	0,152	FALSE
0,134	0,307	0,005	0,012	0,184	FALSE
0,072	0,322	0,002	0,007	0,095	FALSE
0,223	0,281	0,011	0,013	0,394	FALSE
0,024	0,309	0,000	0,007	0,002	FALSE
0,093	0,297	0,005	0,012	0,153	FALSE
0,056	0,303	0,001	0,009	0,049	FALSE
0,019	0,292	0,000	0,011	0,011	FALSE
0,142	0,284	0,005	0,012	0,173	FALSE
-0,135	0,300	-0,006	0,012	0,209	FALSE
-0,058	0,294	-0,004	0,012	0,118	FALSE
0,007	0,307	-0,001	0,007	0,026	FALSE
-0,003	0,304	0,000	0,012	0,010	FALSE
-0,098	0,300	-0,004	0,012	0,125	FALSE
-0,079	0,301	-0,003	0,012	0,090	FALSE
-0,026	0,316	-0,001	0,013	0,024	FALSE
-0,025	0,311	-0,001	0,012	0,040	FALSE
0,015	0,308	0,000	0,008	0,013	FALSE
-0,064	0,313	-0,003	0,012	0,100	FALSE
-0,161	0,291	-0,006	0,010	0,250	FALSE
-0,057	0,314	-0,002	0,012	0,074	FALSE
-0,036	0,309	-0,001	0,009	0,030	FALSE
0,101	0,316	0,003	0,009	0,143	FALSE
-0,130	0,313	-0,005	0,012	0,166	FALSE
-0,012	0,303	-0,001	0,013	0,033	FALSE
-0,037	0,308	-0,001	0,008	0,032	FALSE
0,025	0,296	0,000	0,006	0,006	FALSE
0,142	0,298	0,005	0,010	0,211	FALSE
-0,046	0,308	-0,001	0,012	0,029	FALSE
-0,078	0,300	-0,003	0,012	0,089	FALSE
-0,029	0,317	-0,001	0,009	0,028	FALSE
0,031	0,309	0,001	0,007	0,044	FALSE
-0,055	0,324	-0,003	0,013	0,079	FALSE
-0,009	0,311	0,000	0,007	0,011	FALSE
0,107	0,307	0,003	0,008	0,152	FALSE
0,058	0,304	0,002	0,008	0,076	FALSE
0,034	0,310	0,001	0,012	0,043	FALSE
-0,075	0,307	-0,002	0,007	0,086	FALSE
-0,039	0,321	-0,002	0,011	0,079	FALSE
-0,026	0,308	-0,002	0,009	0,085	FALSE
-0,106	0,313	-0,004	0,009	0,153	FALSE
-0,028	0,307	-0,001	0,007	0,030	FALSE
-0,085	0,326	-0,003	0,009	0,117	FALSE
0,184	0,296	0,006	0,010	0,245	FALSE
-0,093	0,309	-0,002	0,007	0,096	FALSE
-0,079	0,308	-0,001	0,008	0,067	FALSE
0,140	0,319	0,004	0,007	0,222	FALSE
-0,007	0,315	0,000	0,007	0,012	FALSE
-0,023	0,311	-0,001	0,009	0,024	FALSE

-0,088	0,303	-0,004	0,012	0,120	FALSE
-0,020	0,319	0,000	0,009	0,010	FALSE
-0,156	0,307	-0,004	0,008	0,186	FALSE
0,101	0,313	0,004	0,013	0,135	FALSE
-0,042	0,315	-0,003	0,013	0,101	FALSE
-0,044	0,304	-0,001	0,007	0,053	FALSE
-0,050	0,307	-0,003	0,012	0,105	FALSE
0,033	0,318	0,002	0,013	0,056	FALSE
0,114	0,305	0,004	0,008	0,182	FALSE
-0,125	0,315	-0,003	0,008	0,176	FALSE
-0,079	0,315	-0,003	0,012	0,105	FALSE
-0,055	0,305	-0,002	0,012	0,051	FALSE
-0,010	0,311	0,000	0,007	0,013	FALSE
-0,058	0,307	-0,002	0,012	0,057	FALSE
-0,143	0,302	-0,004	0,010	0,179	FALSE
-0,040	0,318	-0,001	0,009	0,041	FALSE
-0,076	0,310	-0,002	0,006	0,100	FALSE
-0,058	0,307	-0,001	0,007	0,056	FALSE
-0,015	0,307	0,001	0,012	0,021	FALSE
0,016	0,300	0,002	0,012	0,048	FALSE
0,060	0,305	0,002	0,013	0,058	FALSE
0,110	0,296	0,002	0,008	0,120	FALSE
-0,057	0,308	-0,003	0,012	0,093	FALSE
0,098	0,301	0,003	0,008	0,127	FALSE
0,093	0,319	0,002	0,007	0,089	FALSE
0,047	0,306	0,001	0,012	0,041	FALSE
-0,061	0,310	-0,003	0,010	0,112	FALSE
0,133	0,308	0,003	0,007	0,198	FALSE
-0,098	0,305	-0,005	0,013	0,148	FALSE
0,089	0,311	0,002	0,007	0,093	FALSE
-0,068	0,293	-0,002	0,007	0,102	FALSE
-0,058	0,321	-0,002	0,011	0,061	FALSE
-0,025	0,311	0,000	0,007	0,015	FALSE
-0,016	0,307	-0,001	0,008	0,036	FALSE
-0,054	0,304	-0,002	0,010	0,055	FALSE
0,054	0,306	0,001	0,007	0,038	FALSE
0,029	0,302	0,001	0,007	0,040	FALSE
0,020	0,306	0,001	0,012	0,027	FALSE
0,089	0,313	0,002	0,007	0,111	FALSE
-0,014	0,296	-0,001	0,010	0,017	FALSE
0,113	0,305	0,003	0,012	0,111	FALSE
0,004	0,301	0,000	0,009	0,015	FALSE
0,088	0,304	0,003	0,011	0,115	FALSE
-0,239	0,306	-0,007	0,009	0,359	FALSE
0,001	0,309	-0,001	0,011	0,018	FALSE
0,030	0,310	0,001	0,009	0,050	FALSE
-0,010	0,299	-0,001	0,011	0,020	FALSE
0,021	0,312	0,001	0,013	0,014	FALSE
-0,068	0,299	-0,004	0,012	0,116	FALSE
0,026	0,298	0,001	0,008	0,043	FALSE
-0,089	0,294	-0,005	0,012	0,152	FALSE
-0,045	0,313	-0,001	0,007	0,062	FALSE
-0,018	0,296	-0,003	0,012	0,080	FALSE

0,058	0,311	0,002	0,010	0,083	FALSE
-0,103	0,292	-0,004	0,012	0,128	FALSE
-0,090	0,302	-0,003	0,012	0,107	FALSE
-0,065	0,310	-0,002	0,011	0,054	FALSE
-0,104	0,299	-0,003	0,011	0,106	FALSE
-0,115	0,300	-0,004	0,012	0,133	FALSE
0,170	0,295	0,006	0,011	0,233	FALSE
0,158	0,310	0,005	0,009	0,228	FALSE
0,106	0,305	0,003	0,011	0,114	FALSE
0,141	0,293	0,005	0,010	0,215	FALSE
0,035	0,327	0,001	0,007	0,055	FALSE
-0,118	0,324	-0,002	0,007	0,130	FALSE
0,066	0,304	0,003	0,012	0,100	FALSE
0,018	0,308	0,000	0,012	0,014	FALSE
-0,021	0,310	0,000	0,006	0,005	FALSE
0,044	0,325	0,001	0,011	0,046	FALSE
0,067	0,316	0,002	0,007	0,098	FALSE
0,017	0,300	0,002	0,012	0,050	FALSE
-0,057	0,319	-0,001	0,008	0,053	FALSE
0,219	0,304	0,005	0,008	0,283	FALSE
-0,128	0,295	-0,004	0,011	0,153	FALSE
0,014	0,304	0,000	0,012	0,004	FALSE
0,038	0,302	0,002	0,012	0,047	FALSE
0,053	0,312	0,000	0,010	0,011	FALSE
0,064	0,306	0,001	0,012	0,029	FALSE
-0,019	0,305	0,000	0,006	0,003	FALSE
0,028	0,306	0,000	0,007	0,014	FALSE
-0,067	0,307	-0,002	0,012	0,063	FALSE
-0,096	0,317	-0,003	0,010	0,116	FALSE
-0,067	0,303	-0,002	0,012	0,077	FALSE
-0,085	0,306	-0,003	0,011	0,113	FALSE
-0,061	0,308	-0,002	0,009	0,072	FALSE
0,019	0,307	0,000	0,012	0,001	FALSE
-0,080	0,313	-0,003	0,010	0,105	FALSE
0,077	0,323	0,002	0,008	0,079	FALSE
0,020	0,310	0,000	0,012	0,004	FALSE
0,012	0,316	0,000	0,007	0,012	FALSE
0,009	0,307	0,001	0,009	0,055	FALSE
-0,191	0,296	-0,005	0,009	0,263	FALSE
-0,078	0,306	-0,003	0,013	0,076	FALSE
0,068	0,317	0,002	0,013	0,056	FALSE
0,079	0,313	0,002	0,009	0,086	FALSE
0,000	0,311	0,000	0,008	0,002	FALSE
0,091	0,303	0,003	0,009	0,116	FALSE
0,115	0,308	0,004	0,011	0,158	FALSE
0,027	0,320	0,000	0,007	0,025	FALSE
0,149	0,298	0,003	0,007	0,176	FALSE
0,123	0,312	0,003	0,009	0,152	FALSE
-0,042	0,304	-0,001	0,008	0,056	FALSE
-0,015	0,314	-0,001	0,012	0,038	FALSE
-0,042	0,310	-0,001	0,007	0,035	FALSE
-0,008	0,309	0,000	0,011	0,011	FALSE
-0,108	0,286	-0,003	0,007	0,165	FALSE

-0,052	0,301	-0,001	0,006	0,085	FALSE
-0,029	0,307	-0,001	0,012	0,029	FALSE
-0,029	0,311	-0,001	0,012	0,033	FALSE
0,019	0,300	0,000	0,010	0,018	FALSE
-0,080	0,295	-0,002	0,008	0,107	FALSE
0,065	0,298	0,003	0,012	0,080	FALSE
0,036	0,303	0,001	0,013	0,031	FALSE
-0,097	0,306	-0,003	0,008	0,163	FALSE
-0,051	0,297	-0,001	0,011	0,023	FALSE
-0,019	0,303	0,000	0,011	0,014	FALSE
0,073	0,305	0,002	0,013	0,074	FALSE
-0,049	0,321	-0,002	0,013	0,073	FALSE
0,021	0,319	0,001	0,009	0,019	FALSE
-0,133	0,305	-0,003	0,007	0,157	FALSE
0,058	0,300	0,002	0,011	0,071	FALSE
0,020	0,304	0,001	0,007	0,055	FALSE
0,033	0,303	0,001	0,011	0,026	FALSE
-0,078	0,314	-0,002	0,007	0,114	FALSE
0,049	0,311	0,002	0,011	0,061	FALSE
-0,061	0,296	-0,003	0,012	0,089	FALSE
-0,042	0,298	-0,002	0,009	0,068	FALSE
-0,031	0,293	-0,001	0,009	0,042	FALSE
-0,090	0,307	-0,003	0,010	0,133	FALSE
0,014	0,313	0,001	0,013	0,030	FALSE
0,049	0,298	0,001	0,013	0,039	FALSE
0,030	0,304	0,001	0,010	0,020	FALSE
0,052	0,308	0,002	0,012	0,054	FALSE
-0,065	0,307	-0,001	0,007	0,048	FALSE
-0,068	0,304	-0,002	0,008	0,099	FALSE
-0,043	0,310	-0,002	0,010	0,063	FALSE
-0,137	0,287	-0,004	0,008	0,187	FALSE
-0,132	0,288	-0,003	0,007	0,168	FALSE
-0,110	0,309	-0,003	0,008	0,129	FALSE
-0,021	0,305	-0,001	0,011	0,017	FALSE
-0,038	0,300	-0,002	0,011	0,079	FALSE
0,014	0,314	0,000	0,010	0,016	FALSE
-0,027	0,300	-0,002	0,011	0,058	FALSE
0,005	0,308	0,001	0,007	0,038	FALSE
0,017	0,310	0,000	0,012	0,009	FALSE
0,020	0,310	0,000	0,007	0,019	FALSE
0,015	0,311	0,000	0,012	0,007	FALSE
-0,003	0,322	-0,001	0,012	0,021	FALSE
-0,050	0,317	-0,001	0,007	0,059	FALSE
-0,017	0,310	-0,001	0,010	0,023	FALSE
-0,002	0,318	0,000	0,007	0,009	FALSE
0,062	0,316	0,002	0,010	0,079	FALSE
0,006	0,312	0,000	0,006	0,010	FALSE
-0,077	0,298	-0,003	0,012	0,089	FALSE
0,029	0,313	0,002	0,011	0,055	FALSE
0,038	0,310	0,000	0,009	0,018	FALSE
-0,028	0,308	-0,001	0,007	0,044	FALSE
-0,044	0,312	-0,001	0,007	0,057	FALSE
-0,099	0,290	-0,002	0,007	0,091	FALSE

0,006	0,302	0,001	0,009	0,024	FALSE
-0,114	0,295	-0,003	0,008	0,133	FALSE
-0,028	0,299	0,000	0,008	0,018	FALSE
-0,115	0,301	-0,003	0,008	0,142	FALSE
-0,102	0,309	-0,003	0,009	0,120	FALSE
-0,065	0,306	-0,001	0,007	0,063	FALSE
0,009	0,322	0,001	0,011	0,027	FALSE
-0,021	0,308	0,000	0,006	0,008	FALSE
0,038	0,304	0,002	0,008	0,082	FALSE
-0,018	0,295	0,000	0,012	0,007	FALSE
0,041	0,296	0,002	0,012	0,081	FALSE
0,073	0,301	0,002	0,007	0,097	FALSE
0,022	0,312	0,001	0,009	0,038	FALSE
0,001	0,295	0,000	0,012	0,007	FALSE
0,060	0,303	0,002	0,013	0,048	FALSE
-0,105	0,293	-0,004	0,011	0,145	FALSE
0,097	0,300	0,002	0,007	0,124	FALSE
0,002	0,308	0,000	0,009	0,018	FALSE
-0,068	0,308	-0,002	0,009	0,098	FALSE
-0,021	0,302	0,000	0,007	0,013	FALSE
0,056	0,295	0,003	0,012	0,102	FALSE
0,050	0,299	0,003	0,012	0,092	FALSE
0,037	0,310	0,001	0,008	0,030	FALSE
0,034	0,297	0,001	0,013	0,043	FALSE
-0,051	0,302	-0,003	0,011	0,099	FALSE
0,028	0,300	0,001	0,008	0,063	FALSE
-0,024	0,299	-0,002	0,013	0,062	FALSE
0,048	0,319	0,002	0,013	0,047	FALSE
-0,004	0,298	0,001	0,012	0,014	FALSE
-0,123	0,304	-0,002	0,007	0,143	FALSE
-0,043	0,297	-0,002	0,009	0,061	FALSE
-0,044	0,314	-0,001	0,007	0,040	FALSE
-0,022	0,318	-0,001	0,011	0,024	FALSE
0,056	0,310	0,002	0,013	0,060	FALSE
0,054	0,305	0,001	0,012	0,038	FALSE
-0,094	0,310	-0,002	0,006	0,122	FALSE
0,080	0,307	0,002	0,010	0,073	FALSE
0,083	0,285	0,002	0,012	0,063	FALSE
0,001	0,298	0,000	0,009	0,018	FALSE
0,064	0,292	0,002	0,010	0,081	FALSE
-0,164	0,307	-0,005	0,009	0,242	FALSE
0,019	0,304	0,002	0,011	0,058	FALSE
-0,043	0,320	-0,001	0,007	0,045	FALSE
0,098	0,306	0,002	0,006	0,133	FALSE
0,070	0,305	0,003	0,007	0,136	FALSE
-0,186	0,303	-0,005	0,010	0,216	FALSE
-0,071	0,301	-0,001	0,007	0,078	FALSE
-0,031	0,302	-0,001	0,012	0,039	FALSE
0,035	0,318	0,001	0,008	0,067	FALSE
0,145	0,307	0,005	0,008	0,258	FALSE
0,006	0,309	0,000	0,008	0,009	FALSE
-0,042	0,316	-0,001	0,008	0,057	FALSE
-0,055	0,303	-0,002	0,012	0,064	FALSE

-0,130	0,275	-0,004	0,009	0,198	FALSE
0,002	0,303	-0,001	0,007	0,040	FALSE
-0,090	0,325	-0,004	0,012	0,125	FALSE
-0,007	0,308	0,000	0,009	0,010	FALSE
0,012	0,319	0,001	0,007	0,030	FALSE
-0,019	0,303	-0,001	0,011	0,031	FALSE
-0,035	0,309	-0,001	0,008	0,042	FALSE
-0,087	0,324	-0,001	0,007	0,075	FALSE
-0,038	0,318	-0,001	0,014	0,032	FALSE
0,109	0,313	0,002	0,008	0,114	FALSE
0,057	0,309	0,003	0,012	0,087	FALSE
0,072	0,315	0,004	0,012	0,118	FALSE
0,072	0,303	0,003	0,012	0,110	FALSE
0,064	0,315	0,003	0,012	0,089	FALSE
0,025	0,303	0,001	0,011	0,038	FALSE
0,069	0,300	0,003	0,012	0,107	FALSE
0,065	0,312	0,003	0,012	0,099	FALSE
0,001	0,315	0,000	0,011	0,011	FALSE
-0,033	0,306	-0,001	0,012	0,044	FALSE
-0,006	0,301	-0,001	0,012	0,037	FALSE
-0,059	0,304	-0,002	0,010	0,092	FALSE
0,051	0,297	0,002	0,011	0,074	FALSE
-0,027	0,328	-0,001	0,011	0,043	FALSE
0,026	0,322	0,001	0,013	0,024	FALSE
-0,058	0,313	-0,002	0,011	0,071	FALSE
0,135	0,307	0,003	0,007	0,165	FALSE
0,021	0,297	0,001	0,012	0,031	FALSE
0,009	0,306	0,000	0,010	0,017	FALSE
-0,094	0,310	-0,005	0,013	0,153	FALSE
0,071	0,308	0,002	0,007	0,106	FALSE
-0,060	0,299	-0,002	0,010	0,069	FALSE
-0,007	0,314	0,000	0,008	0,010	FALSE
0,011	0,309	0,000	0,008	0,007	FALSE
-0,113	0,303	-0,003	0,007	0,166	FALSE
0,000	0,304	0,001	0,012	0,015	FALSE
-0,079	0,304	-0,003	0,012	0,108	FALSE
-0,105	0,315	-0,004	0,013	0,109	FALSE
-0,108	0,309	-0,004	0,013	0,118	FALSE
0,010	0,301	0,001	0,011	0,024	FALSE
-0,030	0,305	-0,001	0,012	0,036	FALSE
0,075	0,299	0,001	0,007	0,085	FALSE
0,073	0,324	0,003	0,009	0,108	FALSE
0,056	0,309	0,002	0,008	0,093	FALSE
-0,139	0,309	-0,004	0,009	0,173	FALSE
-0,084	0,301	-0,003	0,007	0,139	FALSE
-0,041	0,322	-0,002	0,009	0,076	FALSE
0,050	0,307	0,001	0,010	0,024	FALSE
0,045	0,313	0,002	0,010	0,075	FALSE
0,141	0,300	0,005	0,010	0,218	FALSE
0,003	0,309	0,000	0,013	0,004	FALSE
-0,115	0,302	-0,004	0,009	0,174	FALSE
0,008	0,313	0,000	0,010	0,003	FALSE
-0,049	0,307	-0,001	0,009	0,052	FALSE

0,064	0,291	0,002	0,007	0,099	FALSE
-0,093	0,312	-0,003	0,009	0,114	FALSE
0,021	0,309	0,001	0,010	0,048	FALSE
-0,085	0,313	-0,003	0,012	0,076	FALSE
-0,133	0,303	-0,003	0,007	0,160	FALSE
-0,065	0,301	-0,002	0,008	0,105	FALSE
-0,125	0,316	-0,003	0,007	0,164	FALSE
-0,015	0,318	-0,001	0,009	0,023	FALSE
0,008	0,305	0,000	0,009	0,007	FALSE
-0,108	0,298	-0,004	0,010	0,162	FALSE
0,044	0,304	0,001	0,013	0,033	FALSE
0,085	0,304	0,002	0,007	0,138	FALSE
-0,099	0,309	-0,004	0,010	0,144	FALSE
0,033	0,304	0,001	0,011	0,023	FALSE
0,095	0,311	0,002	0,007	0,108	FALSE
-0,055	0,317	-0,002	0,013	0,043	FALSE
0,057	0,326	0,001	0,007	0,054	FALSE
-0,106	0,311	-0,002	0,007	0,134	FALSE
-0,043	0,302	-0,001	0,007	0,036	FALSE
-0,057	0,297	-0,002	0,010	0,083	FALSE
-0,029	0,309	-0,001	0,009	0,039	FALSE
0,034	0,304	0,002	0,010	0,063	FALSE
-0,036	0,321	-0,001	0,011	0,040	FALSE
-0,063	0,310	-0,002	0,011	0,070	FALSE
-0,036	0,295	-0,001	0,008	0,039	FALSE
-0,092	0,300	-0,002	0,006	0,145	FALSE
-0,099	0,308	-0,004	0,012	0,117	FALSE
-0,057	0,301	-0,003	0,012	0,076	FALSE
0,055	0,301	0,001	0,007	0,080	FALSE
-0,066	0,314	-0,002	0,008	0,069	FALSE
0,019	0,311	0,000	0,013	0,004	FALSE
0,010	0,319	0,000	0,013	0,000	FALSE
0,102	0,318	0,003	0,010	0,095	FALSE
0,154	0,304	0,006	0,013	0,204	FALSE
-0,132	0,308	-0,004	0,010	0,188	FALSE
0,040	0,300	0,001	0,010	0,054	FALSE
-0,052	0,299	-0,002	0,013	0,068	FALSE
-0,111	0,310	-0,003	0,008	0,164	FALSE
0,057	0,313	0,002	0,008	0,079	FALSE
-0,021	0,301	0,000	0,009	0,008	FALSE
-0,031	0,309	-0,001	0,009	0,021	FALSE
-0,077	0,308	-0,002	0,009	0,085	FALSE
-0,132	0,296	-0,004	0,008	0,172	FALSE
0,063	0,300	0,001	0,010	0,055	FALSE
0,107	0,282	0,004	0,010	0,168	FALSE
0,073	0,302	0,003	0,011	0,096	FALSE
0,013	0,297	0,001	0,012	0,020	FALSE
-0,015	0,309	-0,001	0,009	0,042	FALSE
0,020	0,302	0,001	0,008	0,045	FALSE
0,160	0,303	0,006	0,011	0,253	FALSE
0,148	0,301	0,005	0,008	0,226	FALSE
0,091	0,316	0,004	0,011	0,155	FALSE
0,096	0,318	0,004	0,010	0,146	FALSE

-0,050	0,308	-0,002	0,007	0,088	FALSE
-0,066	0,317	-0,002	0,007	0,079	FALSE
-0,063	0,316	-0,002	0,010	0,093	FALSE
0,057	0,307	0,001	0,012	0,042	FALSE
-0,135	0,313	-0,005	0,012	0,182	FALSE
0,087	0,299	0,003	0,012	0,091	FALSE
-0,082	0,309	-0,003	0,010	0,111	FALSE
-0,021	0,304	-0,001	0,007	0,032	FALSE
0,026	0,308	0,000	0,011	0,005	FALSE
0,076	0,295	0,004	0,013	0,137	FALSE
0,051	0,310	0,002	0,011	0,084	FALSE
0,103	0,306	0,006	0,013	0,188	FALSE
0,113	0,304	0,003	0,010	0,113	FALSE
0,076	0,302	0,002	0,010	0,068	FALSE
0,077	0,310	0,002	0,008	0,107	FALSE
0,020	0,312	0,001	0,012	0,020	FALSE
0,039	0,302	0,000	0,006	0,027	FALSE
-0,044	0,294	-0,001	0,007	0,055	FALSE
-0,050	0,312	-0,001	0,008	0,061	FALSE
0,001	0,306	-0,001	0,008	0,024	FALSE
0,000	0,314	0,000	0,010	0,015	FALSE
-0,051	0,302	-0,001	0,008	0,063	FALSE
0,066	0,295	0,003	0,010	0,106	FALSE
-0,016	0,298	0,000	0,012	0,007	FALSE
-0,127	0,305	-0,005	0,012	0,164	FALSE
-0,088	0,302	-0,002	0,006	0,130	FALSE
0,064	0,308	0,002	0,008	0,084	FALSE
0,151	0,291	0,004	0,006	0,241	FALSE
0,050	0,306	0,002	0,012	0,060	FALSE
-0,003	0,311	0,000	0,010	0,014	FALSE
-0,075	0,307	-0,003	0,012	0,092	FALSE
0,061	0,307	0,003	0,013	0,098	FALSE
0,104	0,298	0,004	0,011	0,142	FALSE
-0,075	0,310	-0,002	0,006	0,107	FALSE
0,080	0,309	0,002	0,013	0,068	FALSE
0,169	0,300	0,006	0,011	0,225	FALSE
0,155	0,293	0,004	0,007	0,225	FALSE
0,028	0,307	0,001	0,007	0,052	FALSE
0,010	0,305	0,001	0,012	0,031	FALSE
-0,081	0,300	-0,001	0,007	0,066	FALSE
0,050	0,322	0,002	0,012	0,062	FALSE
-0,014	0,319	0,000	0,009	0,014	FALSE
-0,011	0,283	0,001	0,009	0,021	FALSE
0,136	0,315	0,003	0,007	0,206	FALSE
0,072	0,312	0,002	0,007	0,093	FALSE
-0,022	0,320	0,000	0,009	0,015	FALSE
-0,047	0,299	-0,001	0,011	0,037	FALSE
0,068	0,307	0,002	0,010	0,092	FALSE
0,062	0,304	0,002	0,009	0,087	FALSE
0,008	0,305	0,000	0,013	0,012	FALSE
-0,018	0,307	0,000	0,007	0,003	FALSE
0,011	0,300	0,001	0,007	0,037	FALSE
0,069	0,296	0,001	0,007	0,075	FALSE

-0,028	0,314	0,000	0,008	0,019	FALSE
-0,184	0,305	-0,004	0,007	0,249	FALSE
0,047	0,310	0,001	0,008	0,070	FALSE
0,010	0,321	-0,001	0,013	0,014	FALSE
0,137	0,300	0,005	0,012	0,182	FALSE
-0,016	0,302	-0,001	0,007	0,049	FALSE
0,028	0,293	0,001	0,011	0,035	FALSE
-0,024	0,298	-0,001	0,012	0,022	FALSE
-0,032	0,320	-0,001	0,009	0,033	FALSE
0,026	0,318	0,001	0,007	0,034	FALSE
-0,039	0,309	-0,001	0,009	0,023	FALSE
0,035	0,298	0,002	0,013	0,045	FALSE
0,121	0,298	0,003	0,010	0,130	FALSE
-0,075	0,303	-0,003	0,012	0,089	FALSE
0,015	0,321	0,001	0,010	0,042	FALSE
-0,044	0,305	-0,002	0,008	0,071	FALSE
-0,042	0,306	-0,001	0,008	0,045	FALSE
-0,094	0,317	-0,004	0,012	0,141	FALSE
0,035	0,306	0,000	0,007	0,011	FALSE
-0,052	0,307	-0,003	0,011	0,096	FALSE
-0,110	0,304	-0,005	0,011	0,178	FALSE
-0,053	0,297	-0,003	0,010	0,114	FALSE
0,054	0,310	0,001	0,010	0,049	FALSE
-0,077	0,303	-0,002	0,009	0,087	FALSE
0,057	0,309	0,002	0,012	0,059	FALSE
0,022	0,306	0,000	0,007	0,015	FALSE
0,030	0,300	0,001	0,007	0,039	FALSE
0,009	0,310	0,000	0,007	0,021	FALSE
-0,034	0,305	0,000	0,007	0,025	FALSE
0,106	0,317	0,004	0,012	0,126	FALSE
0,118	0,309	0,003	0,007	0,143	FALSE
0,079	0,320	0,002	0,007	0,100	FALSE
-0,132	0,294	-0,003	0,007	0,170	FALSE
0,080	0,308	0,003	0,012	0,101	FALSE
-0,037	0,311	-0,001	0,011	0,045	FALSE
0,012	0,313	0,000	0,007	0,006	FALSE
-0,115	0,288	-0,004	0,011	0,167	FALSE
-0,133	0,309	-0,005	0,011	0,189	FALSE
-0,033	0,303	-0,001	0,008	0,043	FALSE
0,113	0,296	0,002	0,006	0,134	FALSE
0,093	0,298	0,003	0,009	0,122	FALSE
0,065	0,313	0,002	0,008	0,079	FALSE
0,034	0,311	0,002	0,009	0,075	FALSE
0,033	0,300	0,001	0,008	0,022	FALSE
0,076	0,310	0,002	0,008	0,091	FALSE
0,072	0,309	0,003	0,010	0,098	FALSE
-0,070	0,313	-0,002	0,009	0,087	FALSE
-0,044	0,301	-0,002	0,013	0,050	FALSE
-0,012	0,308	0,000	0,012	0,008	FALSE
-0,048	0,305	-0,002	0,012	0,049	FALSE
0,020	0,310	0,001	0,012	0,032	FALSE
0,042	0,317	0,002	0,013	0,044	FALSE
0,102	0,304	0,002	0,007	0,129	FALSE

0,065	0,319	0,003	0,013	0,088	FALSE
-0,005	0,312	-0,001	0,010	0,022	FALSE
0,042	0,311	0,002	0,012	0,066	FALSE
0,027	0,303	0,000	0,007	0,002	FALSE
-0,146	0,291	-0,004	0,008	0,181	FALSE
-0,067	0,298	-0,002	0,010	0,068	FALSE
-0,004	0,306	0,000	0,009	0,011	FALSE
-0,089	0,314	-0,002	0,007	0,124	FALSE
-0,030	0,317	-0,001	0,008	0,031	FALSE
-0,058	0,301	-0,002	0,010	0,086	FALSE
0,046	0,314	0,001	0,010	0,054	FALSE
0,055	0,316	0,001	0,008	0,061	FALSE
-0,105	0,309	-0,003	0,009	0,130	FALSE
0,034	0,284	0,000	0,008	0,021	FALSE
-0,029	0,313	-0,002	0,011	0,069	FALSE
0,043	0,304	0,001	0,012	0,037	FALSE
0,042	0,312	0,001	0,008	0,032	FALSE
0,107	0,296	0,003	0,008	0,149	FALSE
0,042	0,310	0,001	0,007	0,036	FALSE
-0,040	0,307	-0,001	0,012	0,034	FALSE
-0,014	0,323	0,000	0,009	0,005	FALSE
-0,013	0,308	0,000	0,011	0,005	FALSE
0,086	0,304	0,003	0,010	0,108	FALSE
-0,147	0,301	-0,005	0,010	0,229	FALSE
0,046	0,314	0,001	0,009	0,045	FALSE
-0,013	0,309	0,000	0,013	0,006	FALSE
-0,044	0,311	-0,002	0,013	0,045	FALSE
0,000	0,313	0,000	0,012	0,009	FALSE
-0,041	0,302	-0,002	0,010	0,085	FALSE
-0,073	0,317	-0,003	0,012	0,091	FALSE
-0,041	0,306	-0,001	0,007	0,058	FALSE
-0,019	0,304	-0,001	0,008	0,023	FALSE
-0,016	0,317	0,000	0,007	0,016	FALSE
0,091	0,307	0,002	0,010	0,081	FALSE
0,169	0,304	0,005	0,009	0,264	FALSE
-0,085	0,306	-0,002	0,007	0,112	FALSE
-0,050	0,313	-0,002	0,011	0,058	FALSE
-0,010	0,314	0,000	0,010	0,010	FALSE
-0,072	0,313	-0,003	0,013	0,087	FALSE
0,106	0,315	0,003	0,009	0,157	FALSE
-0,056	0,307	-0,001	0,008	0,036	FALSE
0,115	0,296	0,003	0,009	0,132	FALSE
0,001	0,296	0,000	0,007	0,007	FALSE
0,045	0,294	0,001	0,008	0,035	FALSE
-0,086	0,316	-0,002	0,009	0,096	FALSE
-0,031	0,309	-0,001	0,010	0,029	FALSE
-0,062	0,313	-0,001	0,008	0,070	FALSE
-0,085	0,302	-0,002	0,007	0,101	FALSE
-0,016	0,317	0,000	0,008	0,009	FALSE
-0,089	0,323	-0,003	0,010	0,109	FALSE
-0,122	0,300	-0,004	0,010	0,164	FALSE
-0,120	0,314	-0,004	0,010	0,150	FALSE
-0,086	0,302	-0,003	0,007	0,135	FALSE

-0,092	0,312	-0,005	0,013	0,144	FALSE
0,052	0,314	0,001	0,008	0,070	FALSE
-0,124	0,305	-0,004	0,008	0,181	FALSE
-0,179	0,315	-0,005	0,008	0,241	FALSE
-0,076	0,311	-0,003	0,011	0,110	FALSE
0,005	0,322	0,000	0,011	0,012	FALSE
0,172	0,297	0,004	0,007	0,225	FALSE
0,048	0,312	0,001	0,007	0,070	FALSE
-0,055	0,307	-0,002	0,009	0,069	FALSE
-0,047	0,318	-0,001	0,007	0,062	FALSE
0,057	0,316	0,001	0,006	0,037	FALSE
0,015	0,314	0,001	0,009	0,032	FALSE
-0,166	0,292	-0,005	0,010	0,240	FALSE
0,051	0,297	0,002	0,011	0,060	FALSE
-0,102	0,306	-0,003	0,010	0,130	FALSE
-0,010	0,285	0,000	0,011	0,012	FALSE
-0,065	0,283	-0,003	0,010	0,108	FALSE
0,115	0,296	0,002	0,006	0,133	FALSE
-0,019	0,301	0,000	0,008	0,004	FALSE
0,044	0,307	0,001	0,009	0,034	FALSE
0,046	0,308	0,001	0,007	0,056	FALSE
-0,070	0,312	-0,004	0,012	0,112	FALSE
-0,018	0,315	0,000	0,009	0,002	FALSE
-0,035	0,309	-0,001	0,007	0,054	FALSE
0,164	0,301	0,008	0,013	0,267	FALSE
0,151	0,317	0,007	0,014	0,234	FALSE
0,131	0,324	0,003	0,008	0,174	FALSE
0,042	0,293	0,001	0,009	0,031	FALSE
-0,082	0,309	-0,002	0,008	0,111	FALSE
-0,097	0,316	-0,003	0,008	0,125	FALSE
-0,078	0,305	-0,002	0,008	0,095	FALSE
-0,089	0,304	-0,001	0,007	0,070	FALSE
-0,048	0,310	-0,001	0,010	0,033	FALSE
-0,070	0,287	-0,003	0,009	0,142	FALSE
-0,085	0,298	-0,003	0,012	0,090	FALSE
-0,063	0,322	-0,002	0,009	0,081	FALSE
-0,068	0,293	-0,004	0,011	0,123	FALSE
-0,046	0,301	-0,002	0,008	0,091	FALSE
-0,041	0,303	0,000	0,007	0,012	FALSE
0,048	0,322	0,002	0,012	0,051	FALSE
0,159	0,295	0,006	0,010	0,240	FALSE
0,090	0,314	0,002	0,007	0,127	FALSE
-0,124	0,305	-0,004	0,009	0,175	FALSE
0,090	0,298	0,002	0,007	0,139	FALSE
0,107	0,300	0,002	0,008	0,110	FALSE
-0,070	0,315	-0,002	0,010	0,084	FALSE
-0,040	0,317	-0,002	0,012	0,076	FALSE
-0,039	0,312	-0,001	0,007	0,053	FALSE
-0,098	0,301	-0,004	0,012	0,134	FALSE
0,133	0,295	0,003	0,007	0,172	FALSE
-0,021	0,322	0,000	0,009	0,014	FALSE
-0,008	0,293	0,001	0,010	0,029	FALSE
-0,018	0,293	0,000	0,010	0,013	FALSE

0,012	0,305	0,000	0,009	0,001	FALSE
0,059	0,303	0,001	0,010	0,036	FALSE
-0,042	0,297	-0,002	0,010	0,059	FALSE
-0,001	0,310	0,000	0,012	0,001	FALSE
0,080	0,293	0,002	0,008	0,128	FALSE
-0,011	0,312	0,000	0,012	0,012	FALSE
0,024	0,321	0,001	0,009	0,021	FALSE
-0,045	0,320	-0,001	0,008	0,031	FALSE
0,020	0,311	0,000	0,012	0,004	FALSE
-0,021	0,311	0,000	0,008	0,020	FALSE
0,012	0,315	0,001	0,008	0,026	FALSE
0,186	0,300	0,007	0,012	0,263	FALSE
-0,187	0,293	-0,006	0,009	0,298	FALSE
-0,144	0,305	-0,007	0,012	0,236	FALSE
0,084	0,300	0,004	0,011	0,124	FALSE
0,024	0,315	0,000	0,007	0,008	FALSE
0,288	0,285	0,009	0,009	0,520	FALSE
-0,029	0,302	-0,001	0,007	0,031	FALSE
-0,018	0,303	-0,001	0,009	0,034	FALSE
-0,040	0,313	-0,001	0,008	0,040	FALSE
-0,022	0,324	0,000	0,010	0,018	FALSE
0,030	0,295	0,001	0,008	0,047	FALSE
0,046	0,307	0,001	0,006	0,068	FALSE
0,019	0,315	0,001	0,011	0,039	FALSE
0,026	0,297	0,000	0,008	0,007	FALSE
0,023	0,315	0,001	0,009	0,043	FALSE
-0,100	0,308	-0,002	0,008	0,124	FALSE
-0,092	0,308	-0,003	0,010	0,119	FALSE
0,275	0,272	0,012	0,012	0,501	FALSE
-0,103	0,307	-0,004	0,013	0,129	FALSE
-0,139	0,313	-0,004	0,009	0,211	FALSE
0,080	0,301	0,003	0,010	0,128	FALSE
-0,079	0,305	-0,004	0,012	0,117	FALSE
0,013	0,316	0,000	0,013	0,010	FALSE
-0,043	0,309	-0,002	0,012	0,045	FALSE
-0,100	0,309	-0,002	0,007	0,129	FALSE
-0,030	0,305	-0,001	0,008	0,025	FALSE
0,067	0,306	0,002	0,013	0,053	FALSE
-0,009	0,321	0,000	0,012	0,008	FALSE
-0,024	0,307	-0,001	0,008	0,030	FALSE
-0,044	0,312	-0,001	0,006	0,033	FALSE
0,050	0,309	0,002	0,008	0,074	FALSE
-0,069	0,303	-0,002	0,013	0,048	FALSE
0,089	0,316	0,002	0,008	0,112	FALSE
-0,113	0,292	-0,003	0,012	0,108	FALSE
-0,120	0,291	-0,004	0,012	0,130	FALSE
-0,126	0,284	-0,004	0,012	0,136	FALSE
-0,121	0,295	-0,004	0,012	0,135	FALSE
-0,028	0,295	-0,001	0,009	0,044	FALSE
-0,105	0,301	-0,003	0,011	0,105	FALSE
-0,142	0,300	-0,006	0,013	0,194	FALSE
0,024	0,298	0,001	0,012	0,033	FALSE
0,042	0,302	0,002	0,009	0,069	FALSE

0,124	0,305	0,005	0,012	0,181	FALSE
-0,001	0,304	0,000	0,009	0,019	FALSE
0,154	0,307	0,003	0,007	0,200	FALSE
0,019	0,309	0,001	0,007	0,046	FALSE
0,037	0,319	0,001	0,009	0,028	FALSE
-0,014	0,305	0,000	0,011	0,010	FALSE
-0,075	0,308	-0,002	0,008	0,075	FALSE
0,098	0,315	0,002	0,007	0,118	FALSE
-0,034	0,294	-0,001	0,011	0,032	FALSE
-0,060	0,312	-0,002	0,010	0,081	FALSE
0,043	0,310	0,001	0,011	0,046	FALSE
0,043	0,317	0,002	0,012	0,061	FALSE
-0,025	0,304	-0,001	0,012	0,022	FALSE
-0,021	0,312	-0,001	0,013	0,016	FALSE
-0,037	0,323	-0,002	0,013	0,052	FALSE
0,039	0,301	0,001	0,009	0,035	FALSE
-0,022	0,301	-0,002	0,009	0,070	FALSE
0,107	0,300	0,005	0,011	0,178	FALSE
0,016	0,320	0,001	0,013	0,041	FALSE
0,128	0,294	0,003	0,007	0,193	FALSE
0,067	0,295	0,004	0,012	0,126	FALSE
0,026	0,295	0,000	0,010	0,009	FALSE
-0,178	0,327	-0,005	0,008	0,250	FALSE
-0,171	0,317	-0,004	0,007	0,261	FALSE
0,101	0,296	0,004	0,011	0,161	FALSE
-0,001	0,300	0,000	0,013	0,006	FALSE
0,055	0,284	0,003	0,012	0,097	FALSE
0,159	0,315	0,004	0,008	0,209	FALSE
-0,236	0,297	-0,008	0,010	0,363	FALSE
-0,073	0,303	-0,002	0,007	0,112	FALSE
0,007	0,303	0,000	0,009	0,016	FALSE
0,109	0,315	0,003	0,007	0,166	FALSE
0,097	0,312	0,002	0,007	0,113	FALSE
-0,152	0,297	-0,007	0,012	0,235	FALSE
-0,055	0,304	-0,001	0,008	0,066	FALSE
-0,049	0,325	-0,002	0,013	0,060	FALSE
-0,010	0,305	-0,001	0,007	0,046	FALSE
0,040	0,309	0,001	0,007	0,031	FALSE
-0,009	0,320	0,000	0,007	0,017	FALSE
0,074	0,316	0,002	0,007	0,094	FALSE
0,083	0,300	0,004	0,012	0,135	FALSE
0,073	0,313	0,004	0,013	0,128	FALSE
0,030	0,305	0,000	0,012	0,005	FALSE
0,087	0,303	0,005	0,013	0,158	FALSE
0,050	0,310	0,002	0,013	0,063	FALSE
0,132	0,314	0,005	0,011	0,188	FALSE
0,008	0,314	0,000	0,010	0,016	FALSE
-0,015	0,318	0,000	0,007	0,020	FALSE
0,111	0,298	0,005	0,012	0,162	FALSE
0,000	0,314	0,000	0,010	0,006	FALSE
-0,027	0,300	-0,001	0,008	0,034	FALSE
-0,065	0,311	-0,002	0,010	0,086	FALSE
0,006	0,314	0,000	0,011	0,008	FALSE

-0,022	0,306	0,000	0,006	0,015	FALSE
-0,086	0,318	-0,002	0,009	0,094	FALSE
-0,099	0,306	-0,002	0,008	0,111	FALSE
0,123	0,301	0,004	0,009	0,163	FALSE
-0,029	0,301	0,000	0,006	0,023	FALSE
0,071	0,306	0,003	0,012	0,093	FALSE
-0,090	0,301	-0,002	0,008	0,111	FALSE
0,089	0,301	0,002	0,009	0,094	FALSE
-0,012	0,315	0,000	0,013	0,012	FALSE
0,032	0,313	0,001	0,008	0,056	FALSE
-0,053	0,319	-0,002	0,013	0,065	FALSE
-0,131	0,297	-0,003	0,007	0,162	FALSE
-0,087	0,295	-0,003	0,012	0,088	FALSE
-0,018	0,307	0,000	0,008	0,009	FALSE
-0,040	0,306	-0,001	0,011	0,023	FALSE
-0,010	0,311	0,000	0,008	0,012	FALSE
-0,110	0,309	-0,003	0,009	0,145	FALSE
0,071	0,314	0,004	0,013	0,108	FALSE
0,101	0,314	0,002	0,007	0,128	FALSE
-0,002	0,307	-0,001	0,012	0,031	FALSE
0,079	0,313	0,003	0,009	0,142	FALSE
0,085	0,309	0,004	0,013	0,137	FALSE
0,008	0,322	0,001	0,007	0,031	FALSE
-0,034	0,304	-0,001	0,009	0,062	FALSE
0,120	0,295	0,005	0,010	0,198	FALSE
-0,027	0,308	-0,001	0,007	0,030	FALSE
-0,008	0,300	0,000	0,006	0,017	FALSE
-0,036	0,316	-0,002	0,012	0,049	FALSE
-0,082	0,313	-0,003	0,011	0,084	FALSE
0,126	0,304	0,003	0,009	0,157	FALSE
-0,086	0,317	-0,003	0,010	0,104	FALSE
0,035	0,304	0,001	0,007	0,048	FALSE
-0,102	0,302	-0,003	0,009	0,154	FALSE
-0,039	0,300	-0,001	0,007	0,043	FALSE
-0,069	0,305	-0,002	0,009	0,098	FALSE
0,017	0,309	0,001	0,013	0,019	FALSE
0,081	0,312	0,002	0,007	0,102	FALSE
-0,004	0,306	0,000	0,012	0,000	FALSE
-0,029	0,302	-0,001	0,008	0,052	FALSE
0,034	0,309	0,001	0,012	0,019	FALSE
0,030	0,318	0,001	0,012	0,020	FALSE
0,069	0,311	0,002	0,008	0,106	FALSE
0,160	0,296	0,007	0,012	0,242	FALSE
0,108	0,318	0,003	0,009	0,140	FALSE
-0,016	0,313	-0,001	0,007	0,032	FALSE
0,052	0,315	0,001	0,009	0,032	FALSE
0,007	0,313	0,000	0,013	0,007	FALSE
0,040	0,312	0,001	0,008	0,046	FALSE
-0,070	0,299	-0,002	0,011	0,086	FALSE
0,002	0,313	0,000	0,009	0,004	FALSE
-0,047	0,299	-0,003	0,012	0,084	FALSE
-0,050	0,300	-0,002	0,010	0,065	FALSE
0,009	0,296	0,000	0,011	0,003	FALSE

-0,103	0,284	-0,003	0,010	0,136	FALSE
-0,128	0,291	-0,004	0,011	0,153	FALSE
-0,063	0,308	-0,001	0,009	0,050	FALSE
-0,051	0,312	-0,003	0,012	0,080	FALSE
-0,016	0,298	-0,001	0,009	0,022	FALSE
-0,010	0,310	0,000	0,011	0,014	FALSE
-0,138	0,302	-0,005	0,011	0,203	FALSE
0,018	0,327	0,000	0,010	0,006	FALSE
-0,031	0,310	0,000	0,006	0,019	FALSE
-0,042	0,315	-0,001	0,009	0,051	FALSE
-0,071	0,312	-0,001	0,008	0,070	FALSE
-0,039	0,314	-0,001	0,007	0,027	FALSE
0,023	0,299	0,000	0,008	0,006	FALSE
0,104	0,297	0,003	0,010	0,143	FALSE
0,117	0,304	0,003	0,009	0,132	FALSE
-0,037	0,309	-0,001	0,008	0,039	FALSE
0,121	0,316	0,004	0,011	0,151	FALSE
0,092	0,316	0,004	0,010	0,135	FALSE
0,104	0,328	0,004	0,013	0,133	FALSE
0,029	0,305	0,001	0,012	0,040	FALSE
-0,005	0,299	0,000	0,012	0,001	FALSE
0,027	0,306	0,001	0,012	0,035	FALSE
-0,073	0,309	-0,002	0,009	0,085	FALSE
-0,091	0,306	-0,004	0,011	0,131	FALSE
0,119	0,312	0,004	0,010	0,136	FALSE
0,101	0,309	0,003	0,010	0,101	FALSE
-0,065	0,312	-0,003	0,012	0,095	FALSE
-0,018	0,311	0,000	0,007	0,016	FALSE
0,010	0,318	0,001	0,007	0,049	FALSE
-0,017	0,308	0,000	0,012	0,000	FALSE
0,085	0,322	0,004	0,013	0,118	FALSE
-0,032	0,313	-0,001	0,013	0,041	FALSE
0,098	0,303	0,002	0,007	0,116	FALSE
0,070	0,293	0,003	0,012	0,088	FALSE
-0,013	0,314	-0,001	0,012	0,018	FALSE
0,064	0,323	0,002	0,012	0,078	FALSE
0,072	0,298	0,003	0,011	0,098	FALSE
0,094	0,311	0,003	0,012	0,103	FALSE
0,031	0,315	0,001	0,007	0,059	FALSE
0,064	0,305	0,002	0,011	0,068	FALSE
0,027	0,313	0,001	0,009	0,031	FALSE
0,089	0,305	0,004	0,012	0,130	FALSE
-0,039	0,290	-0,001	0,010	0,046	FALSE
-0,083	0,317	-0,002	0,008	0,089	FALSE
0,037	0,300	0,002	0,013	0,047	FALSE
-0,061	0,309	-0,002	0,008	0,074	FALSE
0,028	0,303	0,000	0,007	0,010	FALSE
-0,096	0,293	-0,002	0,006	0,139	FALSE
-0,187	0,303	-0,006	0,010	0,290	FALSE
-0,177	0,308	-0,006	0,010	0,250	FALSE
-0,108	0,318	-0,004	0,010	0,156	FALSE
-0,147	0,307	-0,005	0,010	0,228	FALSE
0,083	0,318	0,003	0,010	0,124	FALSE

0,068	0,320	0,002	0,010	0,063	FALSE
-0,097	0,301	-0,003	0,013	0,097	FALSE
-0,022	0,308	-0,001	0,009	0,039	FALSE
-0,085	0,291	-0,003	0,010	0,128	FALSE
-0,034	0,312	-0,001	0,007	0,031	FALSE
0,022	0,308	0,001	0,011	0,037	FALSE
0,011	0,317	0,000	0,010	0,008	FALSE
0,021	0,308	0,000	0,010	0,011	FALSE
-0,024	0,305	-0,001	0,011	0,043	FALSE
-0,014	0,309	-0,001	0,011	0,024	FALSE
-0,128	0,307	-0,003	0,007	0,162	FALSE
0,123	0,304	0,002	0,007	0,122	FALSE
0,036	0,310	0,001	0,008	0,032	FALSE
-0,065	0,315	-0,003	0,012	0,098	FALSE
-0,032	0,297	-0,001	0,010	0,029	FALSE
-0,031	0,304	-0,002	0,013	0,044	FALSE
-0,002	0,291	-0,001	0,012	0,025	FALSE
-0,014	0,317	-0,001	0,013	0,026	FALSE
-0,016	0,311	-0,002	0,013	0,049	FALSE
0,039	0,302	0,001	0,013	0,019	FALSE
0,139	0,303	0,004	0,007	0,195	FALSE
0,080	0,295	0,003	0,010	0,110	FALSE
0,107	0,292	0,004	0,010	0,165	FALSE
0,079	0,288	0,003	0,010	0,118	FALSE
0,036	0,296	0,001	0,011	0,024	FALSE
0,000	0,303	-0,001	0,011	0,017	FALSE
0,034	0,303	0,001	0,011	0,030	FALSE
0,110	0,300	0,004	0,011	0,149	FALSE
0,116	0,304	0,004	0,012	0,152	FALSE
0,083	0,300	0,002	0,008	0,077	FALSE
0,012	0,308	0,000	0,007	0,006	FALSE
0,063	0,304	0,004	0,013	0,116	FALSE
-0,012	0,309	-0,001	0,007	0,042	FALSE
-0,089	0,320	-0,003	0,008	0,129	FALSE
0,076	0,293	0,002	0,007	0,116	FALSE
0,024	0,309	0,000	0,010	0,012	FALSE
0,044	0,304	0,001	0,009	0,036	FALSE
-0,026	0,308	0,000	0,009	0,017	FALSE
-0,002	0,302	0,001	0,012	0,022	FALSE
-0,024	0,317	0,000	0,012	0,001	FALSE
-0,031	0,321	-0,001	0,009	0,043	FALSE
0,055	0,313	0,001	0,009	0,051	FALSE
-0,062	0,315	-0,002	0,007	0,076	FALSE
-0,021	0,310	-0,001	0,008	0,038	FALSE
0,049	0,302	0,001	0,007	0,053	FALSE
-0,045	0,308	-0,001	0,009	0,039	FALSE
-0,043	0,317	-0,001	0,013	0,035	FALSE
-0,087	0,308	-0,005	0,012	0,152	FALSE
-0,025	0,317	-0,001	0,010	0,053	FALSE
-0,063	0,321	-0,003	0,011	0,092	FALSE
0,053	0,314	0,002	0,007	0,091	FALSE
0,117	0,305	0,004	0,012	0,138	FALSE
0,092	0,291	0,004	0,012	0,121	FALSE

0,106	0,301	0,004	0,012	0,128	FALSE
-0,166	0,306	-0,007	0,012	0,270	FALSE
0,119	0,299	0,006	0,012	0,203	FALSE
-0,115	0,314	-0,003	0,007	0,159	FALSE
-0,009	0,320	0,000	0,011	0,005	FALSE
-0,064	0,307	-0,003	0,009	0,115	FALSE
0,150	0,310	0,005	0,010	0,238	FALSE
0,102	0,288	0,003	0,007	0,150	FALSE
0,004	0,315	0,000	0,007	0,004	FALSE
0,142	0,313	0,004	0,010	0,167	FALSE
0,050	0,308	0,001	0,008	0,066	FALSE
0,012	0,302	0,000	0,009	0,013	FALSE
-0,032	0,313	-0,001	0,007	0,028	FALSE
0,006	0,308	0,001	0,007	0,027	FALSE
0,031	0,293	0,001	0,009	0,037	FALSE
-0,119	0,308	-0,003	0,009	0,119	FALSE
0,003	0,312	-0,001	0,012	0,030	FALSE
0,051	0,323	0,002	0,008	0,079	FALSE
-0,103	0,302	-0,004	0,010	0,148	FALSE
-0,005	0,318	0,000	0,007	0,000	FALSE
0,122	0,286	0,006	0,013	0,183	FALSE
-0,011	0,300	-0,001	0,010	0,020	FALSE
0,013	0,327	0,001	0,010	0,022	FALSE
-0,011	0,311	0,000	0,006	0,023	FALSE
0,049	0,300	0,002	0,012	0,066	FALSE
0,058	0,306	0,001	0,007	0,062	FALSE
-0,022	0,307	-0,001	0,009	0,024	FALSE
-0,010	0,305	0,000	0,009	0,018	FALSE
0,022	0,297	0,000	0,007	0,017	FALSE
-0,006	0,312	-0,001	0,011	0,019	FALSE
-0,053	0,307	-0,001	0,007	0,042	FALSE
-0,011	0,311	0,000	0,007	0,006	FALSE
0,071	0,308	0,002	0,010	0,088	FALSE
0,107	0,298	0,003	0,006	0,187	FALSE
0,101	0,293	0,006	0,012	0,190	FALSE
0,011	0,307	0,000	0,007	0,009	FALSE
0,057	0,311	0,001	0,009	0,049	FALSE
0,029	0,319	0,001	0,008	0,032	FALSE
0,003	0,316	0,000	0,008	0,003	FALSE
0,078	0,304	0,002	0,011	0,082	FALSE
-0,014	0,314	-0,001	0,010	0,021	FALSE
-0,012	0,306	0,000	0,007	0,013	FALSE
-0,118	0,303	-0,003	0,006	0,156	FALSE
-0,028	0,311	-0,001	0,006	0,049	FALSE
-0,014	0,314	0,000	0,012	0,006	FALSE
0,145	0,289	0,005	0,009	0,232	FALSE
0,110	0,308	0,004	0,009	0,160	FALSE
-0,073	0,303	-0,002	0,012	0,078	FALSE
-0,084	0,296	-0,003	0,011	0,093	FALSE
-0,069	0,302	-0,002	0,012	0,076	FALSE
-0,084	0,313	-0,003	0,012	0,090	FALSE
-0,064	0,309	-0,002	0,012	0,076	FALSE
-0,111	0,298	-0,004	0,013	0,135	FALSE

-0,075	0,295	-0,003	0,012	0,092	FALSE
-0,076	0,302	-0,003	0,012	0,080	FALSE
-0,088	0,305	-0,003	0,012	0,109	FALSE
0,015	0,308	0,000	0,010	0,010	FALSE
0,024	0,307	0,001	0,010	0,026	FALSE
0,095	0,303	0,002	0,007	0,117	FALSE
-0,078	0,307	-0,003	0,013	0,082	FALSE
0,009	0,317	-0,001	0,010	0,028	FALSE
0,024	0,309	0,000	0,007	0,017	FALSE
-0,038	0,305	-0,001	0,013	0,039	FALSE
-0,017	0,297	0,000	0,007	0,015	FALSE
0,022	0,312	0,001	0,009	0,025	FALSE
-0,028	0,311	0,000	0,010	0,001	FALSE
-0,026	0,308	-0,001	0,007	0,036	FALSE
0,112	0,308	0,003	0,007	0,155	FALSE
0,084	0,302	0,003	0,010	0,121	FALSE
0,032	0,308	0,000	0,009	0,016	FALSE
-0,059	0,304	-0,002	0,010	0,059	FALSE
-0,043	0,306	-0,002	0,007	0,086	FALSE
0,018	0,312	0,001	0,010	0,036	FALSE
-0,039	0,314	-0,001	0,009	0,049	FALSE
-0,031	0,311	-0,001	0,009	0,049	FALSE
-0,082	0,313	-0,001	0,007	0,073	FALSE
-0,119	0,302	-0,005	0,010	0,197	FALSE
-0,116	0,293	-0,003	0,006	0,173	FALSE
0,067	0,307	0,002	0,008	0,073	FALSE
0,084	0,299	0,002	0,007	0,092	FALSE
0,075	0,303	0,002	0,009	0,098	FALSE
0,036	0,299	0,001	0,007	0,036	FALSE
0,013	0,323	0,000	0,007	0,017	FALSE
-0,017	0,297	0,000	0,006	0,005	FALSE
-0,097	0,294	-0,002	0,008	0,110	FALSE
0,036	0,303	0,001	0,012	0,024	FALSE
-0,033	0,302	-0,001	0,010	0,042	FALSE
-0,032	0,315	-0,001	0,012	0,024	FALSE
0,081	0,306	0,002	0,008	0,088	FALSE
0,121	0,298	0,003	0,009	0,154	FALSE
-0,094	0,303	-0,002	0,007	0,099	FALSE
-0,055	0,306	-0,001	0,007	0,064	FALSE
-0,067	0,295	-0,001	0,006	0,053	FALSE
-0,105	0,310	-0,002	0,007	0,118	FALSE
0,011	0,306	0,001	0,010	0,033	FALSE
0,032	0,320	0,001	0,012	0,027	FALSE
-0,142	0,297	-0,004	0,009	0,187	FALSE
0,021	0,296	0,000	0,007	0,007	FALSE
0,047	0,308	0,002	0,009	0,061	FALSE
0,049	0,311	0,002	0,011	0,079	FALSE
0,062	0,310	0,002	0,012	0,054	FALSE
0,088	0,307	0,005	0,012	0,146	FALSE
0,135	0,285	0,003	0,006	0,187	FALSE
0,045	0,300	0,002	0,009	0,083	FALSE
0,135	0,299	0,003	0,006	0,177	FALSE
0,151	0,301	0,004	0,009	0,188	FALSE

-0,067	0,298	-0,001	0,006	0,051	FALSE
0,177	0,302	0,005	0,008	0,247	FALSE
-0,027	0,311	-0,001	0,007	0,046	FALSE
0,080	0,312	0,002	0,007	0,091	FALSE
0,072	0,310	0,001	0,007	0,079	FALSE
-0,108	0,310	-0,003	0,007	0,140	FALSE
0,200	0,303	0,006	0,010	0,252	FALSE
0,064	0,303	0,002	0,008	0,083	FALSE
-0,055	0,301	-0,001	0,012	0,040	FALSE
-0,136	0,294	-0,006	0,012	0,222	FALSE
-0,005	0,305	0,001	0,012	0,019	FALSE
-0,054	0,306	-0,002	0,008	0,072	FALSE
-0,066	0,321	-0,002	0,009	0,087	FALSE
-0,053	0,315	-0,002	0,010	0,077	FALSE
-0,045	0,320	-0,001	0,013	0,022	FALSE
-0,059	0,298	-0,002	0,008	0,074	FALSE
0,057	0,304	0,001	0,006	0,065	FALSE
0,013	0,320	0,000	0,007	0,002	FALSE
-0,142	0,312	-0,004	0,009	0,184	FALSE
-0,051	0,307	-0,003	0,012	0,113	FALSE
0,066	0,310	0,002	0,010	0,082	FALSE
-0,103	0,300	-0,004	0,010	0,163	FALSE
0,121	0,292	0,004	0,009	0,198	FALSE
0,025	0,312	0,000	0,008	0,004	FALSE
-0,002	0,309	0,000	0,006	0,001	FALSE
-0,082	0,292	-0,003	0,011	0,093	FALSE
-0,045	0,294	0,000	0,008	0,020	FALSE
-0,014	0,318	0,000	0,009	0,007	FALSE
-0,072	0,298	-0,002	0,007	0,087	FALSE
0,044	0,326	0,001	0,011	0,039	FALSE
0,075	0,311	0,002	0,011	0,084	FALSE
0,080	0,309	0,002	0,008	0,100	FALSE
-0,078	0,315	-0,001	0,007	0,078	FALSE
0,020	0,315	0,000	0,013	0,012	FALSE
0,121	0,286	0,003	0,006	0,211	FALSE
-0,013	0,311	0,000	0,012	0,005	FALSE
0,004	0,316	0,001	0,012	0,021	FALSE
-0,019	0,303	0,000	0,012	0,008	FALSE
-0,016	0,292	0,000	0,011	0,002	FALSE
-0,007	0,319	0,000	0,011	0,004	FALSE
0,024	0,305	0,000	0,006	0,002	FALSE
0,077	0,313	0,002	0,008	0,069	FALSE
-0,096	0,306	-0,003	0,011	0,096	FALSE
0,005	0,308	0,000	0,009	0,007	FALSE
-0,024	0,305	0,000	0,008	0,011	FALSE
-0,084	0,301	-0,002	0,009	0,082	FALSE
0,144	0,308	0,006	0,011	0,211	FALSE
0,030	0,304	0,001	0,007	0,053	FALSE
0,027	0,298	0,000	0,006	0,027	FALSE
-0,081	0,306	-0,002	0,007	0,084	FALSE
-0,044	0,317	-0,001	0,008	0,025	FALSE
-0,074	0,301	-0,003	0,010	0,107	FALSE
-0,057	0,308	-0,002	0,011	0,079	FALSE

0,040	0,305	0,001	0,008	0,061	FALSE
-0,029	0,296	0,000	0,006	0,027	FALSE
0,016	0,305	0,001	0,012	0,038	FALSE
0,008	0,309	0,000	0,010	0,012	FALSE
-0,072	0,293	-0,001	0,007	0,070	FALSE
0,083	0,302	0,002	0,009	0,101	FALSE
0,018	0,312	0,001	0,007	0,031	FALSE
0,070	0,303	0,003	0,011	0,090	FALSE
-0,158	0,311	-0,003	0,007	0,187	FALSE
0,016	0,300	0,002	0,012	0,054	FALSE
-0,018	0,315	0,000	0,007	0,016	FALSE
-0,031	0,316	-0,001	0,013	0,019	FALSE
-0,152	0,298	-0,005	0,010	0,200	FALSE
-0,023	0,317	0,000	0,010	0,017	FALSE
-0,029	0,299	-0,001	0,008	0,034	FALSE
-0,016	0,306	0,000	0,010	0,006	FALSE
-0,069	0,317	-0,001	0,007	0,069	FALSE
-0,040	0,311	-0,001	0,008	0,049	FALSE
0,096	0,313	0,003	0,008	0,130	FALSE
-0,001	0,298	0,000	0,008	0,022	FALSE
0,111	0,313	0,004	0,011	0,144	FALSE
0,133	0,300	0,004	0,008	0,215	FALSE
0,031	0,306	0,001	0,009	0,033	FALSE
0,056	0,313	0,002	0,009	0,076	FALSE
0,006	0,325	0,000	0,007	0,023	FALSE
0,114	0,320	0,005	0,013	0,144	FALSE
-0,020	0,313	0,000	0,013	0,006	FALSE
0,054	0,309	0,004	0,013	0,108	FALSE
0,021	0,297	0,001	0,011	0,033	FALSE
-0,074	0,308	-0,005	0,014	0,132	FALSE
-0,080	0,318	-0,004	0,013	0,107	FALSE
-0,149	0,309	-0,003	0,006	0,207	FALSE
0,131	0,295	0,004	0,008	0,182	FALSE
0,256	0,280	0,010	0,012	0,402	FALSE
-0,131	0,295	-0,004	0,012	0,144	FALSE
0,071	0,310	0,003	0,010	0,092	FALSE
-0,125	0,303	-0,005	0,011	0,186	FALSE
-0,058	0,299	-0,002	0,010	0,059	FALSE
-0,015	0,317	-0,001	0,011	0,030	FALSE
-0,071	0,312	-0,002	0,011	0,079	FALSE
-0,030	0,298	0,000	0,007	0,019	FALSE
0,049	0,298	0,001	0,009	0,044	FALSE
-0,119	0,303	-0,003	0,009	0,153	FALSE
0,009	0,307	0,000	0,010	0,008	FALSE
-0,071	0,306	-0,002	0,007	0,101	FALSE
-0,113	0,297	-0,004	0,009	0,179	FALSE
0,100	0,301	0,002	0,009	0,102	FALSE
-0,009	0,305	0,000	0,013	0,006	FALSE
-0,053	0,313	-0,002	0,009	0,089	FALSE
-0,066	0,301	-0,001	0,007	0,057	FALSE
-0,014	0,298	-0,001	0,012	0,044	FALSE
0,090	0,299	0,005	0,012	0,151	FALSE
-0,084	0,305	-0,002	0,007	0,102	FALSE

-0,030	0,309	-0,001	0,010	0,019	FALSE
-0,030	0,307	0,000	0,012	0,014	FALSE
-0,099	0,315	-0,004	0,013	0,137	FALSE
0,032	0,324	0,001	0,012	0,017	FALSE
-0,050	0,313	-0,002	0,009	0,066	FALSE
-0,106	0,303	-0,004	0,012	0,130	FALSE
-0,052	0,308	-0,001	0,010	0,051	FALSE
-0,038	0,318	-0,001	0,010	0,036	FALSE
-0,002	0,313	0,000	0,009	0,003	FALSE
-0,032	0,315	-0,002	0,008	0,083	FALSE
0,068	0,300	0,002	0,008	0,081	FALSE
0,001	0,301	-0,001	0,011	0,046	FALSE
0,043	0,307	0,002	0,011	0,054	FALSE
0,032	0,299	0,001	0,012	0,040	FALSE
0,155	0,314	0,004	0,008	0,210	FALSE
-0,008	0,295	-0,001	0,012	0,020	FALSE
0,008	0,320	0,001	0,007	0,029	FALSE
0,044	0,314	0,002	0,011	0,065	FALSE
0,013	0,311	0,000	0,010	0,000	FALSE
0,029	0,311	0,002	0,012	0,068	FALSE
0,021	0,288	0,001	0,006	0,036	FALSE
-0,230	0,290	-0,008	0,010	0,366	FALSE
0,042	0,311	0,001	0,010	0,031	FALSE
-0,051	0,303	-0,001	0,007	0,050	FALSE
0,079	0,313	0,002	0,010	0,084	FALSE
0,087	0,303	0,002	0,009	0,110	FALSE
-0,010	0,297	0,000	0,012	0,013	FALSE
0,048	0,299	0,001	0,013	0,040	FALSE
0,051	0,306	0,002	0,007	0,105	FALSE
0,134	0,305	0,003	0,006	0,164	FALSE
-0,115	0,313	-0,006	0,013	0,186	FALSE
-0,192	0,313	-0,007	0,010	0,296	FALSE
0,065	0,314	0,002	0,006	0,093	FALSE
-0,087	0,313	-0,002	0,009	0,098	FALSE
0,066	0,303	0,003	0,012	0,082	FALSE
0,015	0,304	0,000	0,012	0,004	FALSE
-0,036	0,309	-0,001	0,013	0,020	FALSE
-0,006	0,312	0,000	0,007	0,009	FALSE
-0,058	0,311	-0,001	0,008	0,057	FALSE
0,065	0,316	0,003	0,010	0,100	FALSE
-0,044	0,292	-0,001	0,007	0,046	FALSE
-0,042	0,293	-0,001	0,009	0,057	FALSE
0,006	0,307	0,001	0,012	0,021	FALSE
0,002	0,305	0,000	0,011	0,006	FALSE
0,043	0,292	0,001	0,007	0,064	FALSE
0,103	0,313	0,002	0,007	0,140	FALSE
0,074	0,314	0,002	0,008	0,092	FALSE
-0,128	0,311	-0,004	0,012	0,141	FALSE
0,015	0,316	0,001	0,013	0,025	FALSE
-0,106	0,313	-0,003	0,008	0,121	FALSE
-0,042	0,314	-0,002	0,013	0,069	FALSE
-0,034	0,303	-0,002	0,013	0,066	FALSE
-0,066	0,286	-0,002	0,009	0,100	FALSE

0,007	0,309	0,001	0,009	0,023	FALSE
0,029	0,311	0,001	0,009	0,027	FALSE
-0,002	0,324	0,000	0,011	0,004	FALSE
-0,053	0,311	-0,001	0,009	0,058	FALSE
0,020	0,304	0,001	0,012	0,021	FALSE
0,003	0,309	0,001	0,013	0,028	FALSE
0,047	0,312	0,001	0,011	0,043	FALSE
0,034	0,306	0,001	0,009	0,037	FALSE
0,059	0,302	0,002	0,009	0,060	FALSE
-0,074	0,313	-0,001	0,007	0,072	FALSE
0,156	0,298	0,004	0,008	0,221	FALSE
0,134	0,304	0,003	0,008	0,147	FALSE
0,152	0,312	0,005	0,011	0,181	FALSE
0,168	0,290	0,006	0,011	0,227	FALSE
-0,080	0,316	-0,003	0,012	0,097	FALSE
-0,094	0,308	-0,002	0,007	0,113	FALSE
0,008	0,319	0,000	0,012	0,008	FALSE
-0,026	0,300	-0,001	0,008	0,041	FALSE
0,047	0,317	0,002	0,013	0,071	FALSE
0,048	0,325	0,002	0,013	0,062	FALSE
0,047	0,315	0,003	0,013	0,080	FALSE
0,100	0,301	0,005	0,012	0,176	FALSE
-0,173	0,308	-0,007	0,011	0,257	FALSE
-0,190	0,291	-0,007	0,011	0,305	FALSE
-0,126	0,303	-0,005	0,011	0,178	FALSE
0,027	0,299	0,002	0,012	0,063	FALSE
0,097	0,286	0,002	0,007	0,125	FALSE
0,164	0,306	0,004	0,007	0,228	FALSE
-0,096	0,303	-0,003	0,008	0,133	FALSE
0,046	0,307	0,002	0,010	0,086	FALSE
0,036	0,308	0,001	0,009	0,058	FALSE
-0,169	0,294	-0,004	0,008	0,218	FALSE
-0,036	0,318	-0,001	0,007	0,040	FALSE
-0,067	0,311	-0,002	0,007	0,085	FALSE
-0,023	0,306	-0,001	0,008	0,040	FALSE
0,050	0,290	0,003	0,009	0,105	FALSE
-0,008	0,314	0,000	0,008	0,001	FALSE
0,071	0,295	0,002	0,006	0,108	FALSE
-0,060	0,304	-0,001	0,007	0,041	FALSE
0,092	0,319	0,003	0,011	0,099	FALSE
0,093	0,308	0,002	0,007	0,144	FALSE
0,070	0,300	0,001	0,009	0,050	FALSE
0,061	0,297	0,001	0,009	0,043	FALSE
0,031	0,307	0,000	0,011	0,012	FALSE
0,048	0,297	0,002	0,012	0,050	FALSE
-0,072	0,291	-0,003	0,012	0,112	FALSE
-0,001	0,311	0,000	0,010	0,008	FALSE
0,057	0,304	0,002	0,009	0,066	FALSE
0,029	0,318	0,001	0,011	0,028	FALSE
-0,027	0,311	-0,001	0,012	0,044	FALSE
-0,005	0,304	-0,001	0,010	0,032	FALSE
0,021	0,315	0,000	0,007	0,001	FALSE
0,082	0,300	0,003	0,009	0,135	FALSE

0,025	0,307	0,001	0,009	0,040	FALSE
-0,080	0,315	-0,003	0,010	0,118	FALSE
-0,011	0,305	0,000	0,006	0,027	FALSE
0,072	0,294	0,002	0,008	0,100	FALSE
0,027	0,310	0,000	0,010	0,007	FALSE
-0,072	0,307	-0,004	0,013	0,114	FALSE
-0,157	0,312	-0,006	0,010	0,238	FALSE
-0,001	0,299	-0,001	0,013	0,020	FALSE
-0,052	0,294	-0,002	0,011	0,064	FALSE
0,065	0,312	0,003	0,013	0,085	FALSE
0,061	0,299	0,003	0,012	0,087	FALSE
0,094	0,299	0,004	0,011	0,125	FALSE
0,050	0,322	0,002	0,009	0,079	FALSE
-0,119	0,299	-0,002	0,008	0,105	FALSE
-0,126	0,296	-0,002	0,007	0,136	FALSE
-0,121	0,292	-0,005	0,013	0,173	FALSE
0,052	0,309	0,002	0,011	0,061	FALSE
0,009	0,327	0,000	0,007	0,006	FALSE
-0,044	0,310	-0,002	0,012	0,052	FALSE
-0,078	0,308	-0,002	0,009	0,091	FALSE
-0,045	0,319	-0,001	0,009	0,033	FALSE
-0,010	0,316	0,000	0,013	0,007	FALSE
-0,098	0,314	-0,004	0,012	0,141	FALSE
0,121	0,311	0,004	0,011	0,148	FALSE
-0,046	0,299	-0,001	0,008	0,044	FALSE
0,049	0,307	0,002	0,008	0,103	FALSE
0,114	0,307	0,003	0,007	0,167	FALSE
0,153	0,300	0,005	0,009	0,210	FALSE
0,051	0,323	0,001	0,009	0,052	FALSE
0,010	0,303	0,000	0,009	0,012	FALSE
-0,121	0,309	-0,004	0,009	0,170	FALSE
-0,130	0,306	-0,004	0,009	0,174	FALSE
0,161	0,295	0,005	0,010	0,238	FALSE
-0,124	0,314	-0,004	0,011	0,134	FALSE
-0,143	0,319	-0,005	0,013	0,163	FALSE
-0,091	0,309	-0,002	0,007	0,129	FALSE
-0,011	0,313	-0,001	0,010	0,030	FALSE
-0,007	0,308	0,001	0,007	0,034	FALSE
-0,035	0,299	-0,001	0,008	0,033	FALSE
-0,068	0,299	-0,002	0,009	0,089	FALSE
0,127	0,305	0,004	0,012	0,148	FALSE
0,064	0,300	0,002	0,009	0,084	FALSE
-0,035	0,314	-0,001	0,008	0,053	FALSE
0,036	0,303	0,001	0,007	0,046	FALSE
0,018	0,314	0,001	0,009	0,025	FALSE
-0,049	0,315	-0,001	0,008	0,048	FALSE
0,062	0,305	0,001	0,007	0,059	FALSE
0,065	0,307	0,002	0,008	0,084	FALSE
-0,070	0,306	-0,001	0,007	0,060	FALSE
0,098	0,295	0,003	0,010	0,140	FALSE
0,095	0,300	0,003	0,010	0,132	FALSE
0,036	0,291	0,001	0,008	0,046	FALSE
-0,017	0,324	-0,001	0,010	0,025	FALSE

-0,060	0,316	-0,003	0,011	0,099	FALSE
0,052	0,318	0,001	0,007	0,060	FALSE
-0,057	0,314	-0,001	0,011	0,045	FALSE
-0,025	0,328	0,000	0,010	0,017	FALSE
0,079	0,307	0,003	0,011	0,106	FALSE
-0,016	0,314	-0,001	0,012	0,017	FALSE
-0,073	0,302	-0,003	0,012	0,094	FALSE
-0,032	0,306	0,000	0,007	0,019	FALSE
-0,039	0,308	0,000	0,007	0,023	FALSE
0,067	0,300	0,003	0,013	0,094	FALSE
-0,054	0,305	-0,002	0,009	0,078	FALSE
-0,130	0,315	-0,004	0,010	0,158	FALSE
0,014	0,311	0,000	0,007	0,025	FALSE
0,019	0,308	0,001	0,010	0,027	FALSE
-0,062	0,315	-0,002	0,012	0,056	FALSE
-0,065	0,313	-0,001	0,007	0,068	FALSE
-0,007	0,324	0,000	0,011	0,008	FALSE
-0,087	0,313	-0,003	0,013	0,088	FALSE
-0,089	0,296	-0,002	0,010	0,099	FALSE
0,007	0,332	0,000	0,008	0,012	FALSE
-0,087	0,304	-0,003	0,012	0,106	FALSE
0,027	0,303	0,000	0,011	0,014	FALSE
0,084	0,301	0,003	0,011	0,107	FALSE
0,061	0,291	0,001	0,009	0,056	FALSE
0,052	0,297	0,001	0,010	0,045	FALSE
-0,037	0,304	0,000	0,006	0,021	FALSE
0,054	0,307	0,002	0,010	0,075	FALSE
0,055	0,298	0,002	0,007	0,087	FALSE
0,042	0,307	0,001	0,007	0,067	FALSE
0,008	0,295	0,000	0,008	0,007	FALSE
0,005	0,307	0,000	0,009	0,017	FALSE
-0,037	0,309	-0,001	0,009	0,036	FALSE
-0,016	0,310	-0,002	0,012	0,051	FALSE
0,009	0,304	0,000	0,007	0,000	FALSE
-0,055	0,293	-0,002	0,013	0,047	FALSE
0,000	0,301	0,000	0,006	0,018	FALSE
0,005	0,302	0,000	0,007	0,000	FALSE
-0,007	0,297	0,000	0,007	0,007	FALSE
-0,052	0,320	-0,003	0,013	0,077	FALSE
0,085	0,299	0,003	0,011	0,124	FALSE
0,098	0,292	0,004	0,010	0,150	FALSE
0,050	0,316	0,002	0,007	0,089	FALSE
0,013	0,305	0,001	0,012	0,016	FALSE
0,005	0,296	0,000	0,008	0,017	FALSE
0,051	0,328	0,001	0,008	0,045	FALSE
-0,029	0,305	-0,001	0,010	0,053	FALSE
0,062	0,303	0,002	0,011	0,082	FALSE
-0,041	0,318	-0,001	0,010	0,048	FALSE
0,246	0,294	0,007	0,009	0,361	FALSE
-0,034	0,318	-0,002	0,012	0,051	FALSE
0,015	0,308	0,001	0,013	0,032	FALSE
0,075	0,298	0,004	0,011	0,153	FALSE
0,003	0,311	-0,001	0,012	0,041	FALSE

-0,052	0,327	-0,002	0,012	0,067	FALSE
-0,070	0,297	-0,002	0,013	0,062	FALSE
-0,003	0,319	0,000	0,007	0,014	FALSE
0,004	0,302	0,000	0,009	0,002	FALSE
0,004	0,297	0,000	0,009	0,013	FALSE
-0,031	0,317	-0,002	0,013	0,045	FALSE
-0,056	0,310	-0,002	0,011	0,056	FALSE
-0,067	0,301	-0,001	0,007	0,069	FALSE
-0,047	0,309	-0,002	0,013	0,055	FALSE
-0,085	0,298	-0,004	0,012	0,125	FALSE
-0,019	0,305	-0,001	0,012	0,021	FALSE
0,051	0,305	0,001	0,006	0,039	FALSE
-0,141	0,305	-0,004	0,008	0,197	FALSE
-0,020	0,315	-0,001	0,012	0,029	FALSE
0,009	0,305	0,000	0,012	0,003	FALSE
-0,002	0,319	0,000	0,012	0,010	FALSE
-0,064	0,314	-0,002	0,013	0,070	FALSE
0,081	0,307	0,002	0,010	0,061	FALSE
-0,131	0,322	-0,003	0,007	0,165	FALSE
-0,032	0,306	-0,001	0,011	0,024	FALSE
0,020	0,303	0,001	0,007	0,026	FALSE
-0,154	0,298	-0,005	0,010	0,198	FALSE
0,031	0,313	0,001	0,008	0,027	FALSE
0,026	0,311	0,000	0,011	0,001	FALSE
0,065	0,300	0,001	0,007	0,082	FALSE
-0,081	0,301	-0,002	0,007	0,093	FALSE
0,012	0,315	0,001	0,011	0,043	FALSE
0,083	0,304	0,003	0,007	0,154	FALSE
0,106	0,316	0,003	0,007	0,163	FALSE
-0,007	0,311	0,000	0,006	0,006	FALSE
-0,018	0,316	-0,001	0,012	0,021	FALSE
-0,067	0,304	-0,003	0,012	0,087	FALSE
-0,077	0,290	-0,003	0,012	0,097	FALSE
0,077	0,297	0,002	0,011	0,075	FALSE
0,020	0,323	0,000	0,008	0,009	FALSE
0,020	0,321	0,000	0,011	0,006	FALSE
0,020	0,318	0,001	0,010	0,022	FALSE
-0,023	0,306	0,000	0,008	0,016	FALSE
-0,013	0,307	-0,001	0,012	0,040	FALSE
0,076	0,302	0,003	0,013	0,102	FALSE
-0,104	0,299	-0,004	0,012	0,138	FALSE
-0,074	0,306	-0,002	0,006	0,097	FALSE
0,012	0,323	0,001	0,009	0,021	FALSE
-0,007	0,318	0,000	0,009	0,013	FALSE
0,019	0,313	0,001	0,008	0,030	FALSE
0,069	0,303	0,002	0,012	0,065	FALSE
-0,106	0,305	-0,003	0,008	0,144	FALSE
0,000	0,303	0,000	0,012	0,012	FALSE
-0,077	0,291	-0,003	0,010	0,103	FALSE
0,160	0,307	0,004	0,007	0,228	FALSE
0,104	0,311	0,002	0,008	0,114	FALSE
-0,002	0,322	0,000	0,007	0,010	FALSE
-0,129	0,294	-0,005	0,012	0,167	FALSE

0,081	0,303	0,001	0,008	0,072	FALSE
-0,097	0,298	-0,002	0,007	0,124	FALSE
-0,053	0,312	-0,002	0,012	0,072	FALSE
-0,001	0,300	0,001	0,010	0,019	FALSE
0,066	0,300	0,002	0,012	0,076	FALSE
0,012	0,309	0,002	0,012	0,062	FALSE
-0,014	0,309	-0,001	0,007	0,044	FALSE
0,123	0,307	0,004	0,008	0,181	FALSE
0,019	0,307	0,000	0,010	0,016	FALSE
0,057	0,298	0,002	0,012	0,071	FALSE
-0,031	0,308	0,000	0,008	0,008	FALSE
-0,030	0,299	-0,001	0,012	0,039	FALSE
0,094	0,308	0,003	0,011	0,102	FALSE
0,017	0,300	0,000	0,008	0,000	FALSE
0,018	0,308	0,001	0,009	0,029	FALSE
-0,034	0,299	-0,001	0,013	0,041	FALSE
-0,043	0,310	-0,001	0,011	0,040	FALSE
0,093	0,310	0,002	0,007	0,113	FALSE
-0,079	0,300	-0,002	0,008	0,115	FALSE
0,117	0,309	0,004	0,011	0,167	FALSE
0,034	0,310	0,001	0,008	0,039	FALSE
-0,041	0,311	-0,002	0,010	0,058	FALSE
-0,058	0,333	-0,002	0,011	0,078	FALSE
0,076	0,298	0,002	0,008	0,079	FALSE
0,048	0,305	0,002	0,009	0,081	FALSE
0,022	0,296	0,000	0,007	0,007	FALSE
0,096	0,313	0,003	0,013	0,099	FALSE
0,095	0,304	0,004	0,013	0,106	FALSE
-0,058	0,315	-0,002	0,013	0,063	FALSE
0,043	0,307	0,001	0,012	0,041	FALSE
0,006	0,296	-0,001	0,012	0,016	FALSE
0,068	0,307	0,002	0,011	0,071	FALSE
0,034	0,308	0,001	0,008	0,058	FALSE
0,033	0,298	0,001	0,008	0,056	FALSE
0,017	0,303	0,001	0,008	0,031	FALSE
0,006	0,305	0,001	0,008	0,026	FALSE
-0,001	0,295	0,000	0,008	0,021	FALSE
0,020	0,302	0,000	0,011	0,014	FALSE
0,078	0,308	0,002	0,007	0,076	FALSE
-0,162	0,309	-0,006	0,013	0,193	FALSE
-0,061	0,312	-0,001	0,008	0,065	FALSE
-0,006	0,304	0,000	0,007	0,010	FALSE
0,086	0,306	0,003	0,013	0,084	FALSE
0,077	0,316	0,002	0,012	0,061	FALSE
0,112	0,308	0,002	0,006	0,120	FALSE
0,092	0,297	0,003	0,008	0,141	FALSE
0,050	0,301	0,002	0,008	0,081	FALSE
0,092	0,305	0,003	0,011	0,107	FALSE
-0,099	0,317	-0,002	0,007	0,103	FALSE
-0,081	0,313	-0,002	0,008	0,088	FALSE
0,126	0,297	0,003	0,006	0,191	FALSE
0,018	0,302	0,000	0,011	0,004	FALSE
0,066	0,301	0,003	0,012	0,098	FALSE

-0,046	0,317	-0,001	0,010	0,042	FALSE
0,002	0,311	0,001	0,010	0,021	FALSE
0,002	0,309	0,000	0,010	0,017	FALSE
-0,022	0,311	-0,002	0,010	0,059	FALSE
-0,072	0,314	-0,002	0,010	0,068	FALSE
-0,049	0,307	-0,001	0,011	0,043	FALSE
-0,057	0,310	-0,002	0,011	0,082	FALSE
-0,070	0,302	-0,003	0,012	0,080	FALSE
-0,040	0,303	-0,001	0,011	0,044	FALSE
-0,069	0,311	-0,003	0,013	0,099	FALSE
-0,022	0,305	-0,001	0,012	0,029	FALSE
-0,048	0,289	-0,002	0,011	0,071	FALSE
0,068	0,324	0,002	0,008	0,081	FALSE
-0,016	0,308	-0,001	0,012	0,043	FALSE
-0,025	0,299	-0,002	0,012	0,059	FALSE
-0,083	0,294	-0,002	0,007	0,084	FALSE
-0,082	0,300	-0,002	0,006	0,092	FALSE
-0,082	0,296	-0,002	0,007	0,090	FALSE
0,028	0,310	0,000	0,011	0,002	FALSE
-0,001	0,306	-0,001	0,012	0,032	FALSE
-0,085	0,307	-0,002	0,007	0,087	FALSE
-0,009	0,307	-0,001	0,012	0,029	FALSE
0,050	0,316	0,001	0,008	0,048	FALSE
0,041	0,337	0,001	0,009	0,051	TRUE
-0,025	0,294	-0,002	0,010	0,065	FALSE
0,015	0,297	0,000	0,013	0,008	FALSE
0,064	0,304	0,002	0,012	0,066	FALSE
0,037	0,297	0,001	0,012	0,039	FALSE
0,063	0,288	0,002	0,011	0,085	FALSE
0,062	0,296	0,002	0,011	0,066	FALSE
0,030	0,305	0,000	0,006	0,003	FALSE
0,047	0,308	0,000	0,007	0,016	FALSE
0,114	0,314	0,004	0,010	0,150	FALSE
0,041	0,322	0,001	0,008	0,064	FALSE
-0,100	0,305	-0,003	0,009	0,114	FALSE
0,080	0,293	0,003	0,010	0,125	FALSE
-0,076	0,303	-0,001	0,006	0,064	FALSE
0,041	0,310	0,001	0,007	0,063	FALSE
0,005	0,317	0,000	0,007	0,021	FALSE
0,041	0,311	0,001	0,007	0,032	FALSE
0,002	0,306	0,001	0,008	0,023	FALSE
0,043	0,298	0,000	0,006	0,020	FALSE
-0,078	0,317	-0,002	0,009	0,090	FALSE
-0,022	0,298	-0,001	0,009	0,029	FALSE
0,022	0,296	0,000	0,010	0,014	FALSE
0,016	0,303	0,001	0,010	0,029	FALSE
-0,005	0,298	0,000	0,010	0,001	FALSE
-0,023	0,305	-0,001	0,010	0,027	FALSE
-0,014	0,303	0,000	0,010	0,014	FALSE
0,061	0,314	0,002	0,010	0,074	FALSE
-0,126	0,297	-0,003	0,008	0,150	FALSE
0,021	0,299	0,001	0,010	0,042	FALSE
-0,093	0,312	-0,004	0,010	0,139	FALSE

-0,091	0,303	-0,004	0,011	0,149	FALSE
-0,129	0,311	-0,005	0,011	0,203	FALSE
-0,038	0,313	-0,001	0,008	0,062	FALSE
-0,051	0,307	-0,002	0,008	0,090	FALSE
0,035	0,306	0,001	0,007	0,061	FALSE
0,014	0,314	0,001	0,007	0,034	FALSE
0,084	0,305	0,003	0,008	0,137	FALSE
0,029	0,317	0,001	0,006	0,057	FALSE
-0,160	0,306	-0,006	0,011	0,218	FALSE
-0,084	0,307	-0,002	0,007	0,118	FALSE
0,088	0,324	0,004	0,013	0,113	FALSE
0,010	0,303	0,001	0,007	0,029	FALSE
0,059	0,309	0,002	0,012	0,074	FALSE
-0,025	0,324	-0,001	0,008	0,033	FALSE
-0,040	0,314	-0,001	0,008	0,054	FALSE
0,001	0,301	0,001	0,010	0,022	FALSE
-0,010	0,305	-0,002	0,010	0,064	FALSE
-0,009	0,302	-0,002	0,010	0,056	FALSE
-0,024	0,306	-0,001	0,013	0,028	FALSE
-0,064	0,299	-0,002	0,012	0,074	FALSE
0,124	0,301	0,004	0,010	0,158	FALSE
0,145	0,312	0,005	0,012	0,186	FALSE
-0,196	0,305	-0,008	0,011	0,315	FALSE
-0,053	0,300	-0,001	0,007	0,063	FALSE
-0,033	0,297	-0,001	0,010	0,028	FALSE
0,030	0,310	0,001	0,008	0,024	FALSE
0,075	0,281	0,002	0,010	0,081	FALSE
0,014	0,306	0,000	0,008	0,015	FALSE
0,119	0,317	0,005	0,013	0,147	FALSE
0,020	0,303	0,001	0,008	0,033	FALSE
-0,105	0,324	-0,003	0,011	0,091	FALSE
0,050	0,304	0,001	0,007	0,028	FALSE
0,044	0,297	0,001	0,008	0,038	FALSE
-0,072	0,290	-0,001	0,006	0,051	FALSE
-0,133	0,311	-0,003	0,007	0,160	FALSE
-0,021	0,304	0,000	0,007	0,011	FALSE
-0,059	0,280	-0,002	0,008	0,071	FALSE
-0,057	0,302	-0,001	0,007	0,045	FALSE
-0,022	0,299	-0,001	0,012	0,040	FALSE
-0,023	0,316	0,000	0,009	0,012	FALSE
0,115	0,299	0,002	0,007	0,128	FALSE
0,013	0,313	0,000	0,013	0,002	FALSE
-0,012	0,291	0,000	0,008	0,002	FALSE
0,127	0,311	0,005	0,013	0,164	FALSE
0,007	0,314	0,001	0,009	0,022	FALSE
0,073	0,298	0,002	0,008	0,107	FALSE
-0,051	0,299	-0,002	0,008	0,105	FALSE
-0,115	0,298	-0,005	0,013	0,167	FALSE
-0,058	0,304	-0,002	0,009	0,087	FALSE
-0,057	0,311	-0,002	0,012	0,078	FALSE
0,005	0,324	0,000	0,011	0,009	FALSE
-0,015	0,299	0,000	0,011	0,010	FALSE
0,025	0,316	0,000	0,010	0,000	FALSE

-0,004	0,315	-0,001	0,010	0,023	FALSE
-0,051	0,321	-0,002	0,010	0,070	FALSE
-0,001	0,309	-0,001	0,011	0,036	FALSE
-0,096	0,322	-0,004	0,012	0,133	FALSE
0,013	0,304	0,000	0,010	0,016	FALSE
0,014	0,307	0,001	0,009	0,031	FALSE
0,025	0,327	0,001	0,009	0,041	FALSE
-0,058	0,310	-0,003	0,011	0,092	FALSE
-0,041	0,311	-0,002	0,011	0,060	FALSE
0,011	0,313	0,001	0,009	0,019	FALSE
0,028	0,304	0,000	0,007	0,012	FALSE
0,014	0,323	0,001	0,012	0,030	FALSE
0,003	0,321	0,000	0,007	0,001	FALSE
0,117	0,313	0,005	0,013	0,152	FALSE
-0,006	0,318	0,000	0,008	0,002	FALSE
-0,026	0,302	0,000	0,013	0,000	FALSE
-0,019	0,304	0,000	0,013	0,010	FALSE
-0,029	0,305	0,000	0,011	0,004	FALSE
-0,035	0,312	-0,001	0,011	0,038	FALSE
-0,113	0,290	-0,003	0,008	0,162	FALSE
-0,069	0,311	-0,003	0,013	0,090	FALSE
0,155	0,309	0,006	0,012	0,222	FALSE
-0,048	0,312	-0,001	0,006	0,065	FALSE
-0,095	0,308	-0,003	0,009	0,146	FALSE
-0,094	0,304	-0,003	0,010	0,103	FALSE
-0,079	0,319	-0,002	0,010	0,071	FALSE
-0,067	0,298	-0,002	0,010	0,068	FALSE
-0,083	0,302	-0,002	0,008	0,120	FALSE
-0,027	0,325	0,000	0,008	0,020	FALSE
-0,141	0,301	-0,006	0,012	0,223	FALSE
0,099	0,311	0,005	0,013	0,147	FALSE
0,135	0,295	0,003	0,007	0,173	FALSE
0,017	0,302	0,001	0,012	0,027	FALSE
0,022	0,316	0,001	0,013	0,016	FALSE
-0,093	0,305	-0,002	0,008	0,106	FALSE
-0,024	0,306	0,000	0,006	0,021	FALSE
0,093	0,313	0,003	0,013	0,099	FALSE
-0,018	0,300	0,000	0,012	0,012	FALSE
-0,011	0,311	0,000	0,013	0,004	FALSE
-0,085	0,307	-0,004	0,012	0,118	FALSE
-0,075	0,304	-0,003	0,011	0,108	FALSE
-0,094	0,301	-0,004	0,011	0,145	FALSE
-0,098	0,311	-0,004	0,011	0,154	FALSE
-0,101	0,298	-0,004	0,010	0,159	FALSE
-0,021	0,323	0,000	0,009	0,009	FALSE
-0,113	0,302	-0,004	0,009	0,177	FALSE
0,034	0,307	0,001	0,009	0,043	FALSE
0,119	0,313	0,002	0,008	0,126	FALSE
0,033	0,304	0,001	0,009	0,022	FALSE
0,118	0,298	0,004	0,011	0,160	FALSE
0,041	0,315	0,002	0,012	0,074	FALSE
0,030	0,300	0,002	0,012	0,062	FALSE
0,086	0,303	0,001	0,007	0,072	FALSE

0,033	0,308	0,002	0,012	0,057	FALSE
0,041	0,307	0,002	0,009	0,067	FALSE
0,062	0,306	0,002	0,013	0,071	FALSE
-0,150	0,291	-0,003	0,007	0,162	FALSE
0,044	0,315	0,001	0,013	0,031	FALSE
-0,104	0,312	-0,003	0,011	0,105	FALSE
0,083	0,306	0,003	0,012	0,097	FALSE
-0,097	0,312	-0,002	0,011	0,086	FALSE
-0,091	0,311	-0,003	0,010	0,102	FALSE
-0,023	0,302	-0,001	0,013	0,024	FALSE
0,042	0,317	0,001	0,012	0,045	FALSE
0,006	0,306	0,000	0,009	0,016	FALSE
0,064	0,319	0,002	0,011	0,068	FALSE
-0,071	0,313	-0,002	0,009	0,072	FALSE
-0,133	0,310	-0,005	0,012	0,178	FALSE
0,174	0,316	0,006	0,013	0,204	FALSE
0,059	0,309	0,002	0,009	0,070	FALSE
-0,181	0,318	-0,008	0,013	0,255	FALSE
-0,080	0,311	-0,003	0,013	0,099	FALSE
0,103	0,303	0,003	0,008	0,144	FALSE
-0,166	0,328	-0,003	0,007	0,203	FALSE
-0,129	0,323	-0,002	0,007	0,142	FALSE
-0,020	0,295	-0,001	0,012	0,015	FALSE
-0,116	0,307	-0,002	0,007	0,141	FALSE
-0,093	0,313	-0,002	0,007	0,107	FALSE
-0,080	0,305	-0,002	0,007	0,095	FALSE
-0,028	0,316	0,000	0,007	0,006	FALSE
0,003	0,309	0,001	0,012	0,027	FALSE
-0,014	0,316	0,000	0,008	0,006	FALSE
0,012	0,294	0,001	0,007	0,045	FALSE
-0,023	0,315	-0,001	0,007	0,039	FALSE
-0,077	0,306	-0,002	0,011	0,078	FALSE
0,038	0,310	0,001	0,009	0,035	FALSE
-0,107	0,288	-0,004	0,012	0,142	FALSE
0,003	0,309	0,000	0,007	0,017	FALSE
0,036	0,304	0,001	0,007	0,043	FALSE
0,052	0,311	0,002	0,011	0,064	FALSE
0,110	0,312	0,004	0,013	0,128	FALSE
-0,027	0,301	0,000	0,012	0,001	FALSE
-0,133	0,297	-0,005	0,011	0,188	FALSE
-0,011	0,318	0,000	0,011	0,007	FALSE
0,028	0,312	0,001	0,011	0,045	FALSE
-0,001	0,303	0,000	0,012	0,014	FALSE
-0,043	0,303	-0,001	0,010	0,046	FALSE
0,033	0,302	0,000	0,006	0,018	FALSE
0,083	0,295	0,001	0,006	0,083	FALSE
-0,092	0,320	-0,003	0,010	0,098	FALSE
0,034	0,317	0,001	0,007	0,046	FALSE
-0,112	0,304	-0,004	0,011	0,133	FALSE
0,048	0,316	0,001	0,008	0,024	FALSE
0,019	0,298	0,000	0,007	0,000	FALSE
0,026	0,309	0,000	0,010	0,012	FALSE
0,007	0,303	0,001	0,009	0,022	FALSE

0,075	0,285	0,003	0,009	0,130	FALSE
-0,015	0,313	0,000	0,008	0,013	FALSE
-0,042	0,311	-0,001	0,009	0,055	FALSE
-0,014	0,316	0,000	0,008	0,015	FALSE
-0,133	0,307	-0,003	0,009	0,142	FALSE
-0,093	0,309	-0,002	0,008	0,103	FALSE
0,022	0,315	0,001	0,011	0,039	FALSE
0,041	0,298	0,001	0,006	0,078	FALSE
0,102	0,302	0,003	0,010	0,132	FALSE
-0,117	0,295	-0,003	0,008	0,131	FALSE
-0,082	0,313	-0,002	0,008	0,102	FALSE
-0,018	0,309	-0,001	0,007	0,031	FALSE
0,031	0,315	0,001	0,011	0,037	FALSE
-0,036	0,298	-0,001	0,009	0,049	FALSE
0,040	0,313	0,001	0,007	0,065	FALSE
0,030	0,306	0,002	0,007	0,083	FALSE
0,124	0,313	0,003	0,007	0,165	FALSE
0,139	0,312	0,003	0,007	0,200	FALSE
-0,061	0,317	-0,001	0,007	0,075	FALSE
-0,109	0,298	-0,005	0,012	0,158	FALSE
-0,049	0,316	-0,001	0,009	0,035	FALSE
-0,059	0,304	-0,001	0,007	0,031	FALSE
0,068	0,304	0,002	0,008	0,130	FALSE
-0,094	0,314	-0,002	0,009	0,088	FALSE
-0,002	0,318	0,000	0,007	0,006	FALSE
-0,021	0,315	-0,001	0,007	0,038	FALSE
0,018	0,301	0,000	0,006	0,005	FALSE
0,141	0,285	0,004	0,011	0,146	FALSE
0,143	0,305	0,004	0,009	0,182	FALSE
-0,008	0,311	0,000	0,008	0,014	FALSE
0,062	0,316	0,002	0,009	0,107	FALSE
-0,147	0,304	-0,005	0,012	0,170	FALSE
0,117	0,301	0,004	0,010	0,140	FALSE
0,093	0,304	0,002	0,009	0,080	FALSE
-0,004	0,300	0,000	0,011	0,008	FALSE
0,103	0,312	0,004	0,013	0,133	FALSE
0,064	0,300	0,003	0,012	0,088	FALSE
0,119	0,294	0,004	0,009	0,177	FALSE
-0,029	0,291	-0,001	0,008	0,046	FALSE
0,115	0,311	0,003	0,007	0,160	FALSE
0,047	0,315	0,002	0,011	0,059	FALSE
0,059	0,317	0,002	0,012	0,074	FALSE
0,026	0,309	0,001	0,012	0,025	FALSE
-0,045	0,305	-0,002	0,010	0,059	FALSE
0,059	0,299	0,003	0,008	0,125	FALSE
-0,004	0,293	0,000	0,007	0,010	FALSE
0,179	0,298	0,007	0,011	0,268	FALSE
0,154	0,302	0,007	0,011	0,257	FALSE
-0,051	0,302	-0,002	0,009	0,072	FALSE
0,144	0,318	0,004	0,008	0,211	FALSE
0,048	0,296	0,002	0,007	0,082	FALSE
-0,039	0,321	-0,001	0,013	0,034	FALSE
0,044	0,308	0,001	0,008	0,040	FALSE

-0,053	0,318	-0,001	0,007	0,035	FALSE
-0,005	0,318	0,000	0,012	0,007	FALSE
-0,107	0,298	-0,003	0,012	0,113	FALSE
-0,030	0,312	0,000	0,008	0,021	FALSE
-0,113	0,298	-0,004	0,012	0,127	FALSE
-0,013	0,311	0,000	0,008	0,001	FALSE
-0,021	0,302	-0,001	0,013	0,041	FALSE
-0,083	0,292	-0,002	0,008	0,094	FALSE
-0,075	0,300	-0,002	0,009	0,095	FALSE
-0,073	0,311	-0,002	0,011	0,077	FALSE
0,069	0,309	0,003	0,013	0,076	FALSE
0,115	0,315	0,004	0,013	0,126	FALSE
0,103	0,307	0,004	0,013	0,131	FALSE
0,044	0,296	0,002	0,010	0,059	FALSE
0,069	0,310	0,002	0,009	0,098	FALSE
-0,038	0,319	-0,002	0,013	0,055	FALSE
-0,034	0,302	-0,002	0,011	0,064	FALSE
-0,059	0,325	-0,001	0,008	0,072	FALSE
0,019	0,322	0,001	0,010	0,031	FALSE
-0,058	0,322	-0,002	0,009	0,089	FALSE
0,033	0,300	0,001	0,009	0,035	FALSE
0,035	0,324	0,002	0,010	0,053	FALSE
0,048	0,308	0,002	0,009	0,069	FALSE
-0,114	0,306	-0,003	0,010	0,116	FALSE
-0,015	0,304	0,000	0,009	0,013	FALSE
-0,083	0,301	-0,002	0,006	0,099	FALSE
0,023	0,308	0,000	0,006	0,024	FALSE
0,040	0,306	0,001	0,007	0,052	FALSE
0,030	0,304	0,001	0,013	0,033	FALSE
-0,051	0,329	-0,002	0,009	0,075	FALSE
-0,062	0,307	-0,003	0,009	0,111	FALSE
-0,034	0,310	-0,001	0,008	0,052	FALSE
0,024	0,317	0,000	0,008	0,009	FALSE
-0,107	0,303	-0,004	0,013	0,135	FALSE
-0,115	0,300	-0,005	0,012	0,159	FALSE
0,072	0,319	0,003	0,013	0,086	FALSE
0,088	0,304	0,002	0,008	0,098	FALSE
0,015	0,304	0,000	0,010	0,005	FALSE
-0,049	0,308	-0,002	0,011	0,063	FALSE
-0,047	0,294	-0,001	0,009	0,044	FALSE
0,052	0,300	0,001	0,012	0,040	FALSE
-0,029	0,317	-0,003	0,013	0,072	FALSE
-0,111	0,323	-0,004	0,011	0,149	FALSE
-0,113	0,310	-0,004	0,009	0,162	FALSE
-0,054	0,293	-0,001	0,009	0,039	FALSE
-0,074	0,310	-0,002	0,011	0,071	FALSE
0,012	0,312	0,000	0,009	0,005	FALSE
-0,027	0,312	0,000	0,013	0,009	FALSE
0,099	0,318	0,003	0,009	0,140	FALSE
-0,020	0,300	0,000	0,008	0,010	FALSE
0,031	0,303	0,002	0,012	0,058	FALSE
0,046	0,286	0,001	0,012	0,017	FALSE
-0,093	0,304	-0,004	0,012	0,137	FALSE

0,061	0,297	0,001	0,009	0,040	FALSE
-0,009	0,309	0,001	0,011	0,017	FALSE
0,042	0,312	0,002	0,011	0,079	FALSE
-0,085	0,286	-0,003	0,010	0,121	FALSE
-0,133	0,312	-0,003	0,008	0,170	FALSE
0,083	0,300	0,002	0,008	0,086	FALSE
0,047	0,308	0,001	0,008	0,034	FALSE
0,003	0,289	0,000	0,011	0,015	FALSE
-0,035	0,313	-0,001	0,010	0,041	FALSE
-0,038	0,306	-0,001	0,007	0,025	FALSE
-0,017	0,300	0,000	0,012	0,001	FALSE
-0,014	0,310	0,000	0,012	0,014	FALSE
-0,009	0,314	0,000	0,013	0,006	FALSE
-0,036	0,284	-0,001	0,009	0,034	FALSE
-0,067	0,306	-0,002	0,010	0,068	FALSE
0,036	0,312	0,001	0,008	0,059	FALSE
0,103	0,320	0,004	0,013	0,114	FALSE
0,014	0,317	0,001	0,008	0,042	FALSE
-0,060	0,301	-0,002	0,009	0,081	FALSE
0,026	0,310	0,001	0,013	0,016	FALSE
-0,042	0,305	-0,002	0,012	0,066	FALSE
0,043	0,293	0,001	0,013	0,031	FALSE
0,119	0,313	0,003	0,007	0,142	FALSE
-0,045	0,311	-0,001	0,013	0,026	FALSE
0,058	0,307	0,001	0,007	0,073	FALSE
0,067	0,312	0,001	0,007	0,079	FALSE
0,058	0,302	0,001	0,007	0,047	FALSE
-0,038	0,303	-0,001	0,011	0,042	FALSE
-0,020	0,305	0,000	0,009	0,017	FALSE
-0,045	0,316	-0,002	0,012	0,064	FALSE
0,125	0,300	0,004	0,010	0,161	FALSE
0,094	0,311	0,004	0,013	0,131	FALSE
0,076	0,321	0,003	0,014	0,090	FALSE
0,054	0,300	0,001	0,007	0,049	FALSE
-0,011	0,311	0,000	0,012	0,005	FALSE
0,089	0,315	0,004	0,013	0,109	FALSE
0,114	0,316	0,002	0,007	0,131	FALSE
0,085	0,290	0,003	0,008	0,127	FALSE
-0,031	0,319	-0,001	0,011	0,048	FALSE
0,133	0,305	0,005	0,011	0,162	FALSE
0,065	0,312	0,003	0,012	0,087	FALSE
0,015	0,307	0,001	0,010	0,020	FALSE
-0,059	0,310	-0,002	0,009	0,103	FALSE
0,093	0,304	0,004	0,010	0,152	FALSE
0,070	0,317	0,003	0,011	0,100	FALSE
0,076	0,339	0,003	0,010	0,108	FALSE
-0,017	0,324	-0,001	0,011	0,017	FALSE
-0,049	0,303	-0,002	0,010	0,066	FALSE
-0,011	0,296	0,000	0,009	0,015	FALSE
-0,005	0,300	0,000	0,009	0,010	FALSE
0,037	0,321	0,001	0,007	0,025	FALSE
-0,031	0,307	-0,001	0,007	0,032	FALSE
-0,087	0,313	-0,003	0,011	0,121	FALSE

0,081	0,310	0,003	0,008	0,131	FALSE
0,012	0,309	0,000	0,009	0,014	FALSE
-0,087	0,304	-0,003	0,009	0,119	FALSE
0,049	0,307	0,001	0,006	0,037	FALSE
-0,010	0,308	-0,001	0,013	0,024	FALSE
-0,002	0,309	0,000	0,007	0,009	FALSE
-0,138	0,306	-0,004	0,011	0,155	FALSE
0,006	0,303	0,000	0,007	0,015	FALSE
0,013	0,304	0,001	0,009	0,033	FALSE
0,017	0,310	0,000	0,008	0,013	FALSE
-0,086	0,309	-0,002	0,008	0,082	FALSE
0,095	0,305	0,003	0,009	0,136	FALSE
-0,030	0,315	-0,002	0,010	0,068	FALSE
-0,008	0,296	-0,001	0,009	0,036	FALSE
-0,036	0,307	-0,002	0,010	0,057	FALSE
0,012	0,305	0,000	0,010	0,014	FALSE
0,028	0,298	0,001	0,008	0,041	FALSE
-0,015	0,304	0,000	0,006	0,006	FALSE
0,011	0,298	0,001	0,007	0,035	FALSE
-0,014	0,308	0,000	0,013	0,012	FALSE
-0,011	0,313	0,000	0,011	0,015	FALSE
0,037	0,305	0,001	0,007	0,046	FALSE
0,074	0,298	0,002	0,008	0,122	FALSE
0,011	0,311	0,000	0,008	0,023	FALSE
-0,165	0,300	-0,007	0,012	0,248	FALSE
0,062	0,300	0,002	0,011	0,068	FALSE
0,018	0,311	0,001	0,008	0,029	FALSE
-0,066	0,310	-0,003	0,012	0,102	FALSE
-0,049	0,318	-0,002	0,011	0,053	FALSE
0,095	0,304	0,004	0,012	0,140	FALSE
0,107	0,300	0,002	0,007	0,095	FALSE
0,092	0,301	0,003	0,007	0,150	FALSE
0,021	0,294	0,001	0,012	0,025	FALSE
-0,053	0,311	-0,001	0,006	0,054	FALSE
-0,033	0,318	-0,001	0,007	0,047	FALSE
0,049	0,301	0,001	0,009	0,026	FALSE
0,059	0,304	0,001	0,010	0,044	FALSE
-0,104	0,316	-0,002	0,008	0,124	FALSE
0,058	0,317	0,002	0,010	0,060	FALSE
0,031	0,308	0,000	0,011	0,002	FALSE
-0,092	0,310	-0,003	0,012	0,108	FALSE
-0,073	0,313	-0,002	0,007	0,092	FALSE
0,107	0,293	0,004	0,011	0,157	FALSE
-0,032	0,299	-0,002	0,011	0,058	FALSE
0,123	0,311	0,005	0,012	0,159	FALSE
-0,026	0,329	-0,001	0,007	0,040	FALSE
-0,045	0,301	-0,002	0,007	0,088	FALSE
-0,003	0,318	0,000	0,007	0,005	FALSE
0,174	0,312	0,006	0,010	0,249	FALSE
0,075	0,307	0,003	0,012	0,113	FALSE
0,048	0,306	0,002	0,012	0,078	FALSE
0,048	0,317	0,003	0,012	0,088	FALSE
0,141	0,289	0,005	0,010	0,211	FALSE

0,014	0,302	0,000	0,010	0,003	FALSE
0,045	0,307	0,002	0,009	0,075	FALSE
0,012	0,314	0,000	0,007	0,022	FALSE
-0,022	0,299	-0,001	0,007	0,042	FALSE
-0,078	0,300	-0,003	0,012	0,082	FALSE
-0,077	0,310	-0,002	0,008	0,090	FALSE
-0,050	0,301	-0,001	0,009	0,049	FALSE
-0,138	0,301	-0,004	0,009	0,189	FALSE
0,019	0,307	0,001	0,009	0,025	FALSE
0,091	0,308	0,003	0,012	0,088	FALSE
-0,063	0,316	-0,001	0,008	0,054	FALSE
0,111	0,304	0,004	0,012	0,141	FALSE
0,055	0,305	0,002	0,012	0,058	FALSE
-0,038	0,303	0,000	0,008	0,024	FALSE
0,024	0,309	0,001	0,012	0,018	FALSE
0,033	0,319	0,001	0,013	0,028	FALSE
-0,106	0,317	-0,002	0,008	0,101	FALSE
0,001	0,303	0,000	0,011	0,010	FALSE
0,068	0,315	0,002	0,013	0,070	FALSE
0,039	0,311	0,002	0,012	0,051	FALSE
-0,009	0,311	0,000	0,006	0,011	FALSE
-0,038	0,307	-0,002	0,011	0,081	FALSE
-0,042	0,313	-0,002	0,009	0,076	FALSE
-0,069	0,297	-0,003	0,012	0,085	FALSE
0,066	0,306	0,002	0,010	0,070	FALSE
-0,034	0,311	-0,001	0,009	0,039	FALSE
0,017	0,315	0,001	0,008	0,039	FALSE
-0,024	0,316	0,000	0,013	0,009	FALSE
0,040	0,303	0,000	0,008	0,008	FALSE
-0,045	0,310	-0,001	0,010	0,036	FALSE
0,015	0,296	0,000	0,009	0,018	FALSE
0,077	0,309	0,003	0,008	0,126	FALSE
0,050	0,306	0,001	0,007	0,081	FALSE
-0,070	0,289	-0,003	0,011	0,093	FALSE
0,035	0,303	0,001	0,009	0,041	FALSE
0,089	0,308	0,002	0,007	0,111	FALSE
0,018	0,300	0,001	0,012	0,047	FALSE
-0,200	0,301	-0,008	0,013	0,299	FALSE
0,090	0,309	0,002	0,008	0,087	FALSE
0,163	0,313	0,007	0,013	0,230	FALSE
0,007	0,312	0,000	0,010	0,009	FALSE
0,009	0,302	0,000	0,008	0,000	FALSE
0,064	0,305	0,001	0,006	0,074	FALSE
-0,020	0,312	0,000	0,006	0,023	FALSE
0,131	0,313	0,005	0,012	0,173	FALSE
0,012	0,308	0,001	0,008	0,040	FALSE
0,009	0,299	0,001	0,008	0,031	FALSE
-0,043	0,313	-0,001	0,007	0,055	FALSE
-0,014	0,309	0,000	0,007	0,001	FALSE
0,037	0,311	0,002	0,010	0,080	FALSE
-0,017	0,303	-0,001	0,011	0,048	FALSE
-0,036	0,314	-0,001	0,010	0,045	FALSE
-0,005	0,314	0,000	0,007	0,015	FALSE

-0,006	0,301	0,000	0,010	0,012	FALSE
0,041	0,313	0,001	0,010	0,056	FALSE
0,016	0,322	0,001	0,010	0,030	FALSE
-0,024	0,316	0,000	0,012	0,014	FALSE
-0,121	0,300	-0,006	0,012	0,216	FALSE
0,107	0,311	0,002	0,009	0,103	FALSE
-0,139	0,318	-0,004	0,008	0,191	FALSE
-0,125	0,304	-0,004	0,010	0,143	FALSE
0,011	0,296	0,000	0,010	0,013	FALSE
-0,087	0,303	-0,002	0,007	0,111	FALSE
-0,007	0,318	0,000	0,011	0,002	FALSE
0,065	0,311	0,001	0,007	0,073	FALSE
-0,008	0,317	0,000	0,008	0,013	FALSE
-0,006	0,305	0,000	0,010	0,001	FALSE
-0,049	0,313	-0,002	0,009	0,079	FALSE
-0,099	0,309	-0,003	0,009	0,141	FALSE
-0,054	0,295	-0,002	0,008	0,096	FALSE
-0,014	0,315	0,000	0,010	0,003	FALSE
-0,002	0,301	-0,001	0,009	0,035	FALSE
-0,018	0,288	-0,002	0,012	0,054	FALSE
0,039	0,299	0,001	0,011	0,032	FALSE
-0,035	0,310	-0,001	0,007	0,027	FALSE
-0,070	0,295	-0,003	0,013	0,093	FALSE
-0,131	0,297	-0,006	0,013	0,197	FALSE
0,130	0,290	0,005	0,011	0,200	FALSE
0,014	0,308	0,000	0,009	0,004	FALSE
-0,108	0,308	-0,004	0,012	0,150	FALSE
0,024	0,319	0,000	0,009	0,003	FALSE
-0,081	0,305	-0,002	0,007	0,099	FALSE
-0,119	0,292	-0,005	0,010	0,214	FALSE
0,002	0,318	0,000	0,009	0,004	FALSE
0,047	0,329	0,002	0,010	0,062	FALSE
-0,193	0,314	-0,008	0,013	0,269	FALSE
0,020	0,307	0,001	0,011	0,023	FALSE
-0,039	0,313	-0,001	0,007	0,034	FALSE
0,003	0,312	0,000	0,012	0,001	FALSE
0,068	0,291	0,003	0,012	0,101	FALSE
-0,080	0,311	-0,001	0,006	0,072	FALSE
-0,060	0,292	-0,001	0,006	0,081	FALSE
-0,084	0,304	-0,003	0,010	0,106	FALSE
-0,207	0,297	-0,009	0,012	0,338	FALSE
-0,032	0,305	-0,002	0,013	0,053	FALSE
0,033	0,293	0,001	0,009	0,026	FALSE
-0,016	0,305	0,000	0,006	0,027	FALSE
0,147	0,317	0,005	0,009	0,227	FALSE
-0,050	0,314	-0,002	0,008	0,070	FALSE
-0,075	0,306	-0,002	0,010	0,094	FALSE
-0,075	0,306	-0,002	0,009	0,066	FALSE
-0,082	0,302	-0,002	0,008	0,103	FALSE
0,073	0,300	0,001	0,007	0,079	FALSE
0,011	0,301	0,000	0,007	0,023	FALSE
-0,002	0,320	0,000	0,008	0,000	FALSE
-0,072	0,305	-0,002	0,008	0,106	FALSE

0,015	0,318	0,001	0,011	0,045	FALSE
0,066	0,307	0,001	0,009	0,053	FALSE
0,007	0,300	0,001	0,009	0,025	FALSE
-0,077	0,305	-0,004	0,012	0,138	FALSE
-0,037	0,303	-0,002	0,008	0,097	FALSE
0,000	0,324	0,000	0,007	0,006	FALSE
-0,044	0,312	-0,002	0,008	0,084	FALSE
-0,160	0,298	-0,007	0,012	0,245	FALSE
-0,010	0,321	0,000	0,010	0,013	FALSE
0,015	0,307	0,002	0,009	0,064	FALSE
-0,012	0,290	0,000	0,008	0,002	FALSE
-0,015	0,305	0,000	0,009	0,008	FALSE
-0,009	0,305	0,000	0,009	0,001	FALSE
-0,035	0,297	-0,001	0,009	0,038	FALSE
-0,047	0,310	-0,001	0,009	0,044	FALSE
0,000	0,311	0,000	0,007	0,009	FALSE
-0,017	0,313	0,000	0,008	0,021	FALSE
0,103	0,309	0,003	0,008	0,175	FALSE
0,025	0,310	0,001	0,007	0,030	FALSE
-0,098	0,313	-0,002	0,007	0,131	FALSE
-0,005	0,303	0,001	0,012	0,018	FALSE
0,017	0,322	0,001	0,012	0,016	FALSE
-0,005	0,314	0,000	0,010	0,013	FALSE
0,031	0,309	0,002	0,011	0,055	FALSE
-0,028	0,307	0,000	0,007	0,023	FALSE
0,111	0,302	0,004	0,011	0,139	FALSE
0,051	0,300	0,001	0,011	0,033	FALSE
0,015	0,309	0,000	0,010	0,004	FALSE
-0,120	0,300	-0,004	0,009	0,200	FALSE
-0,024	0,297	-0,001	0,011	0,024	FALSE
-0,082	0,295	-0,003	0,010	0,110	FALSE
0,079	0,306	0,002	0,008	0,089	FALSE
-0,035	0,304	-0,001	0,009	0,029	FALSE
0,057	0,302	0,002	0,009	0,096	FALSE
0,066	0,309	0,002	0,007	0,104	FALSE
-0,077	0,299	-0,002	0,008	0,093	FALSE
0,133	0,294	0,004	0,008	0,213	FALSE
0,047	0,301	0,001	0,007	0,058	FALSE
0,036	0,306	0,001	0,007	0,058	FALSE
-0,025	0,310	-0,001	0,008	0,044	FALSE
0,090	0,291	0,003	0,010	0,103	FALSE
-0,023	0,297	0,000	0,008	0,020	FALSE
0,061	0,293	0,003	0,010	0,115	FALSE
-0,061	0,315	-0,002	0,013	0,072	FALSE
-0,026	0,296	-0,001	0,012	0,016	FALSE
-0,058	0,318	-0,002	0,013	0,054	FALSE
-0,010	0,316	0,000	0,011	0,008	FALSE
-0,131	0,309	-0,003	0,007	0,167	FALSE
0,031	0,316	0,001	0,008	0,027	FALSE
0,059	0,308	0,001	0,009	0,033	FALSE
0,124	0,302	0,004	0,012	0,121	FALSE
-0,019	0,298	-0,001	0,012	0,029	FALSE
0,011	0,310	0,001	0,008	0,039	FALSE

0,133	0,308	0,004	0,011	0,150	FALSE
-0,092	0,305	-0,003	0,010	0,106	FALSE
0,076	0,298	0,003	0,012	0,086	FALSE
-0,112	0,303	-0,003	0,009	0,137	FALSE
-0,054	0,297	-0,001	0,006	0,085	FALSE
-0,004	0,298	0,000	0,006	0,003	FALSE
0,021	0,307	0,000	0,008	0,005	FALSE
0,015	0,318	0,000	0,008	0,009	FALSE
0,020	0,307	0,000	0,006	0,028	FALSE
0,011	0,310	0,001	0,006	0,029	FALSE
0,038	0,313	0,001	0,009	0,051	FALSE
0,065	0,305	0,003	0,013	0,092	FALSE
0,040	0,294	0,002	0,012	0,054	FALSE
0,126	0,304	0,005	0,011	0,179	FALSE
-0,042	0,293	-0,002	0,009	0,076	FALSE
-0,018	0,310	-0,001	0,010	0,049	FALSE
0,134	0,298	0,006	0,012	0,207	FALSE
0,106	0,302	0,003	0,007	0,160	FALSE
0,086	0,303	0,001	0,008	0,062	FALSE
-0,005	0,309	-0,002	0,012	0,050	FALSE
-0,064	0,299	-0,002	0,012	0,076	FALSE
0,122	0,307	0,003	0,010	0,133	FALSE
0,035	0,309	0,002	0,011	0,054	FALSE
0,008	0,306	0,000	0,011	0,015	FALSE
-0,115	0,302	-0,005	0,013	0,169	FALSE
-0,097	0,291	-0,003	0,008	0,132	FALSE
0,040	0,305	0,001	0,012	0,031	FALSE
0,169	0,298	0,005	0,008	0,262	FALSE
0,130	0,276	0,002	0,006	0,144	FALSE
-0,046	0,307	-0,001	0,007	0,055	FALSE
-0,029	0,300	-0,001	0,009	0,048	FALSE
-0,065	0,308	-0,002	0,012	0,061	FALSE
0,011	0,294	0,000	0,011	0,011	FALSE
0,019	0,298	0,000	0,011	0,000	FALSE
-0,015	0,301	-0,001	0,009	0,044	FALSE
0,077	0,310	0,003	0,013	0,087	FALSE
-0,093	0,312	-0,003	0,010	0,109	FALSE
0,097	0,312	0,003	0,011	0,114	FALSE
0,103	0,317	0,003	0,007	0,142	FALSE
0,014	0,305	0,001	0,012	0,022	FALSE
0,002	0,315	0,000	0,009	0,008	FALSE
-0,131	0,293	-0,006	0,012	0,202	FALSE
0,053	0,312	0,002	0,012	0,073	FALSE
-0,011	0,315	-0,001	0,010	0,018	FALSE
-0,063	0,299	-0,002	0,007	0,084	FALSE
-0,053	0,301	-0,003	0,012	0,077	FALSE
-0,003	0,312	-0,001	0,013	0,031	FALSE
-0,033	0,306	-0,001	0,009	0,036	FALSE
-0,028	0,317	-0,001	0,007	0,032	FALSE
-0,105	0,300	-0,003	0,008	0,171	FALSE
-0,092	0,305	-0,004	0,012	0,114	FALSE
-0,016	0,300	-0,001	0,012	0,032	FALSE
0,103	0,301	0,005	0,013	0,143	FALSE

-0,010	0,309	0,000	0,007	0,008	FALSE
-0,002	0,325	0,000	0,008	0,007	FALSE
0,039	0,319	0,001	0,012	0,033	FALSE
-0,035	0,311	-0,002	0,013	0,050	FALSE
0,009	0,304	0,000	0,011	0,005	FALSE
-0,101	0,312	-0,004	0,013	0,137	FALSE
0,030	0,314	0,001	0,006	0,051	FALSE
0,048	0,314	0,002	0,011	0,074	FALSE
0,061	0,311	0,001	0,008	0,067	FALSE
-0,093	0,300	-0,002	0,006	0,123	FALSE
-0,044	0,311	-0,001	0,006	0,068	FALSE
-0,004	0,307	0,000	0,010	0,008	FALSE
-0,112	0,304	-0,002	0,006	0,154	FALSE
-0,157	0,315	-0,005	0,011	0,214	FALSE
-0,064	0,309	-0,001	0,009	0,057	FALSE
0,138	0,314	0,006	0,013	0,192	FALSE
0,077	0,305	0,002	0,007	0,135	FALSE
0,095	0,313	0,004	0,013	0,117	FALSE
-0,021	0,318	0,000	0,012	0,011	FALSE
0,015	0,301	0,000	0,011	0,001	FALSE
-0,028	0,316	-0,002	0,013	0,071	FALSE
0,107	0,303	0,003	0,007	0,145	FALSE
0,031	0,305	0,001	0,006	0,052	FALSE
-0,001	0,303	0,000	0,007	0,008	FALSE
-0,050	0,301	-0,001	0,011	0,020	FALSE
-0,094	0,305	-0,003	0,009	0,139	FALSE
0,059	0,298	0,001	0,006	0,048	FALSE
-0,100	0,298	-0,003	0,011	0,124	FALSE
-0,182	0,311	-0,008	0,013	0,257	FALSE
0,091	0,317	0,003	0,012	0,113	FALSE
0,040	0,309	0,001	0,006	0,052	FALSE
-0,017	0,294	-0,001	0,009	0,034	FALSE
-0,033	0,307	-0,001	0,009	0,058	FALSE
0,137	0,301	0,004	0,009	0,182	FALSE
-0,099	0,304	-0,002	0,008	0,102	FALSE
0,137	0,301	0,006	0,012	0,211	FALSE
0,005	0,312	0,000	0,007	0,006	FALSE
-0,073	0,294	-0,001	0,006	0,079	FALSE
0,043	0,306	0,001	0,008	0,066	FALSE
-0,134	0,311	-0,005	0,013	0,166	FALSE
0,061	0,294	0,001	0,007	0,071	FALSE
-0,048	0,298	-0,002	0,009	0,100	FALSE
0,014	0,313	0,000	0,011	0,001	FALSE
-0,058	0,313	-0,002	0,007	0,091	FALSE
0,066	0,316	0,002	0,007	0,101	FALSE
0,075	0,311	0,004	0,013	0,115	FALSE
-0,003	0,309	0,000	0,011	0,004	FALSE
-0,035	0,308	-0,001	0,006	0,051	FALSE
0,054	0,311	0,002	0,007	0,098	FALSE
0,054	0,301	0,001	0,006	0,048	FALSE
-0,035	0,304	-0,001	0,012	0,037	FALSE
-0,056	0,296	-0,001	0,007	0,043	FALSE
0,097	0,300	0,002	0,007	0,085	FALSE

-0,096	0,311	-0,004	0,011	0,136	FALSE
-0,099	0,308	-0,004	0,010	0,147	FALSE
-0,146	0,305	-0,007	0,013	0,231	FALSE
-0,008	0,297	-0,001	0,010	0,022	FALSE
0,044	0,321	0,001	0,009	0,036	FALSE
0,041	0,293	0,001	0,007	0,032	FALSE
0,052	0,292	0,001	0,008	0,042	FALSE
0,049	0,290	0,001	0,008	0,060	FALSE
-0,029	0,310	-0,001	0,007	0,059	FALSE
-0,022	0,314	-0,001	0,007	0,037	FALSE
-0,035	0,303	-0,001	0,012	0,027	FALSE
-0,043	0,313	-0,001	0,013	0,040	FALSE
-0,045	0,305	-0,001	0,007	0,064	FALSE
-0,080	0,320	-0,002	0,008	0,097	FALSE
0,036	0,315	0,001	0,007	0,031	FALSE
-0,034	0,289	-0,002	0,013	0,051	FALSE
-0,001	0,315	0,000	0,013	0,011	FALSE
-0,018	0,316	-0,001	0,013	0,016	FALSE
0,112	0,305	0,003	0,008	0,146	FALSE
-0,063	0,302	-0,002	0,009	0,084	FALSE
0,088	0,312	0,002	0,008	0,119	FALSE
0,019	0,311	0,000	0,012	0,001	FALSE
-0,019	0,315	-0,001	0,011	0,029	FALSE
0,057	0,288	0,003	0,011	0,092	FALSE
0,058	0,300	0,003	0,012	0,080	FALSE
0,039	0,301	0,001	0,011	0,047	FALSE
-0,012	0,297	-0,001	0,008	0,036	FALSE
0,008	0,302	0,001	0,010	0,031	FALSE
0,084	0,301	0,002	0,007	0,093	FALSE
-0,014	0,310	-0,001	0,010	0,018	FALSE
-0,017	0,307	0,000	0,008	0,001	FALSE
-0,059	0,320	-0,001	0,007	0,068	FALSE
0,093	0,293	0,003	0,012	0,092	FALSE
0,138	0,305	0,005	0,009	0,211	FALSE
-0,030	0,309	0,000	0,007	0,009	FALSE
0,004	0,302	0,001	0,012	0,037	FALSE
-0,014	0,303	0,000	0,012	0,011	FALSE
-0,009	0,314	0,000	0,012	0,010	FALSE
0,025	0,321	0,002	0,011	0,060	FALSE
0,024	0,304	0,001	0,012	0,027	FALSE
0,033	0,312	0,001	0,010	0,018	FALSE
0,071	0,299	0,003	0,011	0,105	FALSE
0,012	0,294	0,000	0,012	0,006	FALSE
0,040	0,310	0,001	0,008	0,042	FALSE
-0,062	0,317	-0,002	0,010	0,061	FALSE
0,127	0,313	0,004	0,010	0,179	FALSE
0,051	0,315	0,002	0,010	0,063	FALSE
-0,019	0,301	-0,001	0,012	0,029	FALSE
-0,017	0,320	0,000	0,011	0,012	FALSE
0,064	0,279	0,002	0,009	0,065	FALSE
0,045	0,304	0,002	0,010	0,065	FALSE
-0,002	0,296	0,000	0,010	0,016	FALSE
-0,035	0,310	-0,002	0,010	0,058	FALSE

-0,039	0,303	-0,001	0,010	0,026	FALSE
-0,049	0,307	-0,001	0,010	0,049	FALSE
-0,020	0,309	-0,001	0,008	0,049	FALSE
0,016	0,304	0,002	0,010	0,059	FALSE
0,062	0,297	0,002	0,008	0,101	FALSE
-0,029	0,311	0,000	0,013	0,009	FALSE
0,101	0,300	0,003	0,007	0,184	FALSE
-0,161	0,305	-0,005	0,009	0,226	FALSE
-0,031	0,301	-0,002	0,009	0,060	FALSE
0,040	0,302	0,002	0,012	0,053	FALSE
-0,056	0,321	-0,002	0,013	0,057	FALSE
-0,091	0,304	-0,004	0,013	0,122	FALSE
-0,129	0,309	-0,005	0,013	0,168	FALSE
0,096	0,302	0,005	0,012	0,151	FALSE
0,017	0,295	0,001	0,007	0,026	FALSE
0,001	0,319	0,000	0,007	0,012	FALSE
0,065	0,302	0,003	0,012	0,090	FALSE
0,055	0,301	0,003	0,012	0,080	FALSE
-0,100	0,281	-0,003	0,010	0,114	FALSE
0,088	0,301	0,003	0,009	0,121	FALSE
-0,089	0,313	-0,004	0,011	0,123	FALSE
0,053	0,312	0,001	0,008	0,064	FALSE
-0,144	0,313	-0,004	0,007	0,205	FALSE
0,040	0,311	0,002	0,012	0,061	FALSE
0,016	0,306	0,000	0,010	0,007	FALSE
0,018	0,318	0,001	0,011	0,029	FALSE
0,094	0,293	0,003	0,009	0,138	FALSE
-0,052	0,315	-0,002	0,010	0,077	FALSE
0,093	0,299	0,004	0,013	0,132	FALSE
-0,006	0,304	-0,001	0,008	0,024	FALSE
-0,011	0,311	0,000	0,008	0,000	FALSE
-0,125	0,298	-0,006	0,013	0,196	FALSE
-0,108	0,303	-0,004	0,010	0,149	FALSE
-0,094	0,294	-0,003	0,010	0,129	FALSE
-0,148	0,304	-0,004	0,009	0,211	FALSE
0,033	0,320	0,001	0,008	0,035	FALSE
0,086	0,296	0,003	0,010	0,109	FALSE
0,000	0,311	-0,001	0,009	0,020	FALSE
0,129	0,314	0,004	0,009	0,174	FALSE
-0,058	0,303	-0,002	0,010	0,087	FALSE
-0,044	0,299	-0,002	0,010	0,073	FALSE
-0,158	0,301	-0,004	0,008	0,199	FALSE
-0,126	0,304	-0,003	0,008	0,176	FALSE
0,048	0,294	0,001	0,008	0,038	FALSE
0,145	0,301	0,005	0,009	0,226	FALSE
0,004	0,310	0,000	0,007	0,001	FALSE
-0,053	0,304	-0,002	0,009	0,071	FALSE
0,075	0,304	0,002	0,007	0,106	FALSE
0,002	0,313	0,001	0,012	0,016	FALSE
0,005	0,298	0,001	0,008	0,031	FALSE
0,048	0,290	0,002	0,008	0,090	FALSE
-0,001	0,311	0,001	0,010	0,038	FALSE
-0,001	0,313	0,000	0,008	0,022	FALSE

-0,026	0,303	0,000	0,007	0,003	FALSE
0,131	0,306	0,005	0,011	0,192	FALSE
-0,044	0,311	-0,002	0,008	0,072	FALSE
0,002	0,302	0,000	0,006	0,004	FALSE
0,035	0,308	0,001	0,007	0,050	FALSE
0,028	0,319	0,001	0,007	0,043	FALSE
0,054	0,299	0,001	0,007	0,076	FALSE
-0,034	0,306	0,000	0,007	0,010	FALSE
-0,048	0,312	-0,001	0,007	0,065	FALSE
0,052	0,309	0,001	0,008	0,048	FALSE
-0,046	0,312	-0,002	0,008	0,075	FALSE
-0,004	0,308	-0,001	0,011	0,047	FALSE
0,030	0,305	0,000	0,008	0,004	FALSE
-0,027	0,324	-0,001	0,009	0,042	FALSE
-0,010	0,302	0,000	0,009	0,015	FALSE
0,085	0,302	0,002	0,007	0,125	FALSE
0,097	0,306	0,005	0,013	0,145	FALSE
-0,033	0,314	-0,001	0,013	0,015	FALSE
-0,075	0,295	-0,003	0,008	0,155	FALSE
0,023	0,292	0,000	0,006	0,024	FALSE
-0,011	0,297	-0,001	0,007	0,028	FALSE
-0,052	0,304	-0,002	0,012	0,053	FALSE
-0,056	0,307	-0,002	0,012	0,062	FALSE
0,009	0,313	0,000	0,011	0,003	FALSE
-0,154	0,299	-0,007	0,012	0,235	FALSE
0,009	0,310	0,000	0,011	0,007	FALSE
0,037	0,308	0,001	0,011	0,042	FALSE
0,167	0,294	0,006	0,010	0,251	FALSE
0,090	0,304	0,003	0,009	0,128	FALSE
0,108	0,305	0,003	0,009	0,143	FALSE
0,056	0,300	0,002	0,011	0,050	FALSE
-0,048	0,313	-0,001	0,007	0,064	FALSE
0,055	0,316	0,001	0,007	0,061	FALSE
0,060	0,300	0,003	0,011	0,113	FALSE
-0,056	0,308	-0,002	0,010	0,095	FALSE
-0,077	0,317	-0,002	0,008	0,103	FALSE
-0,042	0,307	-0,001	0,011	0,047	FALSE
-0,025	0,300	0,000	0,007	0,011	FALSE
-0,014	0,313	-0,001	0,007	0,048	FALSE
-0,036	0,311	-0,002	0,012	0,045	FALSE
-0,055	0,314	-0,001	0,011	0,051	FALSE
-0,065	0,297	-0,002	0,011	0,060	FALSE
0,124	0,308	0,005	0,011	0,185	FALSE
-0,034	0,305	-0,001	0,007	0,045	FALSE
0,154	0,306	0,005	0,010	0,204	FALSE
-0,023	0,299	-0,001	0,007	0,049	FALSE
0,074	0,315	0,002	0,008	0,070	FALSE
0,046	0,302	0,002	0,013	0,049	FALSE
0,033	0,314	0,001	0,008	0,061	FALSE
-0,173	0,314	-0,005	0,009	0,252	FALSE
-0,088	0,314	-0,002	0,008	0,109	FALSE
0,056	0,310	0,001	0,008	0,053	FALSE
-0,120	0,315	-0,005	0,013	0,142	FALSE

0,064	0,315	0,002	0,007	0,082	FALSE
-0,090	0,306	-0,002	0,006	0,132	FALSE
-0,088	0,307	-0,003	0,012	0,098	FALSE
-0,001	0,320	0,000	0,010	0,001	FALSE
0,022	0,311	0,001	0,008	0,046	FALSE
0,033	0,297	0,001	0,007	0,073	FALSE
0,208	0,280	0,005	0,009	0,267	FALSE
0,018	0,307	0,000	0,008	0,012	FALSE
-0,004	0,296	0,000	0,011	0,011	FALSE
0,022	0,313	0,001	0,010	0,026	FALSE
0,025	0,323	0,001	0,010	0,039	FALSE
0,065	0,317	0,001	0,008	0,071	FALSE
-0,052	0,325	-0,001	0,008	0,054	FALSE
0,075	0,309	0,002	0,009	0,101	FALSE
0,006	0,302	0,001	0,012	0,024	FALSE
0,001	0,307	-0,001	0,012	0,025	FALSE
-0,009	0,329	0,000	0,011	0,005	FALSE
-0,087	0,300	-0,003	0,011	0,094	FALSE
-0,212	0,296	-0,008	0,012	0,311	FALSE
-0,194	0,292	-0,006	0,010	0,264	FALSE
-0,071	0,307	-0,004	0,013	0,117	FALSE
-0,012	0,298	0,000	0,007	0,003	FALSE
-0,028	0,306	-0,001	0,012	0,023	FALSE
-0,029	0,298	-0,001	0,012	0,024	FALSE
-0,008	0,289	-0,001	0,011	0,035	FALSE
-0,017	0,295	-0,001	0,013	0,026	FALSE
0,026	0,299	0,001	0,013	0,026	FALSE
-0,007	0,289	-0,001	0,013	0,016	FALSE
0,008	0,299	0,000	0,013	0,008	FALSE
-0,017	0,305	-0,001	0,006	0,029	FALSE
-0,018	0,303	0,000	0,007	0,022	FALSE
0,050	0,315	0,002	0,012	0,074	FALSE
0,110	0,307	0,005	0,012	0,162	FALSE
0,138	0,304	0,003	0,007	0,197	FALSE
0,078	0,311	0,003	0,012	0,109	FALSE
-0,097	0,305	-0,002	0,008	0,105	FALSE
-0,088	0,305	-0,002	0,008	0,103	FALSE
0,066	0,308	0,001	0,007	0,062	FALSE
0,091	0,302	0,003	0,013	0,100	FALSE
0,066	0,307	0,002	0,012	0,067	FALSE
-0,101	0,302	-0,003	0,009	0,132	FALSE
0,123	0,314	0,003	0,007	0,162	FALSE
0,070	0,320	0,002	0,009	0,106	FALSE
-0,060	0,307	-0,002	0,010	0,068	FALSE
0,007	0,319	0,000	0,007	0,016	FALSE
-0,061	0,303	-0,002	0,010	0,063	FALSE
-0,128	0,298	-0,003	0,006	0,171	FALSE
-0,099	0,303	-0,002	0,008	0,119	FALSE
-0,040	0,312	-0,002	0,013	0,050	FALSE
-0,036	0,314	0,000	0,007	0,025	FALSE
-0,015	0,320	0,000	0,007	0,002	FALSE
-0,043	0,300	-0,001	0,007	0,036	FALSE
0,159	0,307	0,004	0,008	0,197	FALSE

0,048	0,287	0,001	0,008	0,048	FALSE
0,041	0,304	0,001	0,007	0,053	FALSE
0,026	0,305	0,001	0,011	0,026	FALSE
-0,065	0,309	-0,003	0,013	0,078	FALSE
-0,076	0,312	-0,002	0,009	0,090	FALSE
-0,014	0,304	0,000	0,007	0,022	FALSE
0,020	0,315	0,001	0,011	0,026	FALSE
0,059	0,295	0,002	0,009	0,093	FALSE
0,039	0,321	0,001	0,011	0,043	FALSE
0,006	0,294	0,000	0,011	0,012	FALSE
-0,081	0,301	-0,003	0,009	0,120	FALSE
0,175	0,291	0,006	0,010	0,242	FALSE
-0,083	0,299	-0,003	0,012	0,094	FALSE
0,017	0,307	0,000	0,009	0,010	FALSE
-0,167	0,305	-0,004	0,008	0,233	FALSE
0,051	0,315	0,001	0,008	0,072	FALSE
0,033	0,311	0,001	0,011	0,045	FALSE
-0,080	0,296	-0,002	0,007	0,094	FALSE
-0,030	0,299	0,000	0,010	0,013	FALSE
0,077	0,302	0,002	0,006	0,104	FALSE
0,071	0,314	0,002	0,007	0,100	FALSE
0,072	0,308	0,002	0,008	0,078	FALSE
0,086	0,315	0,002	0,007	0,109	FALSE
0,042	0,315	0,001	0,012	0,029	FALSE
-0,084	0,304	-0,002	0,007	0,116	FALSE
-0,056	0,299	-0,001	0,007	0,066	FALSE
-0,080	0,309	-0,003	0,011	0,099	FALSE
0,042	0,304	0,001	0,009	0,056	FALSE
0,033	0,308	0,002	0,013	0,048	FALSE
0,012	0,312	0,000	0,007	0,020	FALSE
-0,020	0,303	-0,001	0,008	0,031	FALSE
-0,117	0,303	-0,003	0,008	0,159	FALSE
0,023	0,303	0,000	0,009	0,010	FALSE
0,031	0,317	0,000	0,007	0,003	FALSE
-0,126	0,309	-0,003	0,009	0,136	FALSE
0,005	0,313	0,001	0,012	0,017	FALSE
-0,012	0,308	-0,001	0,009	0,025	FALSE
0,037	0,304	0,003	0,013	0,076	FALSE
-0,011	0,296	0,000	0,012	0,010	FALSE
-0,057	0,312	-0,001	0,012	0,034	FALSE
0,047	0,305	0,001	0,008	0,064	FALSE
-0,128	0,310	-0,003	0,007	0,164	FALSE
-0,030	0,308	0,000	0,009	0,007	FALSE
0,059	0,324	0,001	0,007	0,044	FALSE
0,078	0,305	0,002	0,007	0,085	FALSE
-0,097	0,301	-0,002	0,007	0,105	FALSE
-0,061	0,293	-0,002	0,009	0,066	FALSE
-0,105	0,288	-0,003	0,009	0,144	FALSE
-0,095	0,298	-0,003	0,011	0,119	FALSE
-0,015	0,316	0,000	0,012	0,005	FALSE
0,100	0,310	0,003	0,010	0,139	FALSE
-0,076	0,301	-0,002	0,011	0,068	FALSE
0,003	0,314	-0,001	0,009	0,022	FALSE

-0,019	0,304	0,000	0,006	0,008	FALSE
0,050	0,309	0,002	0,009	0,071	FALSE
0,058	0,304	0,001	0,009	0,050	FALSE
0,013	0,311	0,001	0,012	0,017	FALSE
0,113	0,306	0,005	0,013	0,165	FALSE
-0,102	0,311	-0,003	0,008	0,149	FALSE
-0,126	0,300	-0,005	0,012	0,180	FALSE
-0,046	0,306	-0,001	0,010	0,049	FALSE
-0,116	0,302	-0,003	0,007	0,137	FALSE
0,036	0,310	0,001	0,007	0,036	FALSE
-0,027	0,311	0,000	0,008	0,006	FALSE
0,000	0,322	0,000	0,008	0,006	FALSE
-0,102	0,308	-0,003	0,010	0,112	FALSE
-0,120	0,305	-0,004	0,010	0,153	FALSE
0,015	0,318	0,000	0,008	0,006	FALSE
0,046	0,313	0,002	0,009	0,077	FALSE
-0,058	0,297	-0,003	0,009	0,126	FALSE
0,027	0,303	0,001	0,012	0,034	FALSE
0,002	0,312	0,001	0,013	0,018	FALSE
-0,014	0,309	0,000	0,010	0,010	FALSE
-0,019	0,316	-0,001	0,008	0,024	FALSE
0,025	0,312	0,001	0,007	0,032	FALSE
0,024	0,303	0,001	0,006	0,041	FALSE
-0,020	0,305	-0,001	0,008	0,025	FALSE
0,024	0,302	0,000	0,009	0,007	FALSE
0,067	0,308	0,002	0,008	0,084	FALSE
-0,038	0,308	-0,001	0,007	0,066	FALSE
0,123	0,300	0,005	0,011	0,171	FALSE
-0,056	0,304	-0,002	0,011	0,072	FALSE
0,022	0,310	0,001	0,008	0,036	FALSE
-0,096	0,304	-0,002	0,009	0,089	FALSE
-0,030	0,319	-0,001	0,007	0,058	FALSE
-0,035	0,327	-0,001	0,007	0,042	FALSE
-0,019	0,302	-0,001	0,012	0,028	FALSE
-0,021	0,303	-0,001	0,013	0,030	FALSE
0,000	0,296	0,000	0,006	0,016	FALSE
-0,006	0,309	-0,001	0,012	0,020	FALSE
0,009	0,317	0,000	0,012	0,000	FALSE
0,020	0,309	0,001	0,010	0,041	FALSE
0,013	0,305	0,000	0,007	0,004	FALSE
0,044	0,309	0,001	0,007	0,050	FALSE
-0,035	0,324	-0,003	0,014	0,072	FALSE
-0,023	0,314	-0,001	0,012	0,039	FALSE
-0,002	0,301	-0,001	0,012	0,022	FALSE
0,103	0,291	0,005	0,012	0,161	FALSE
0,001	0,299	0,000	0,007	0,017	FALSE
-0,040	0,303	-0,001	0,011	0,035	FALSE
-0,063	0,320	-0,002	0,007	0,103	FALSE
-0,061	0,306	-0,002	0,008	0,106	FALSE
-0,072	0,311	-0,003	0,009	0,121	FALSE
0,009	0,307	0,001	0,009	0,032	FALSE
-0,025	0,310	-0,001	0,007	0,038	FALSE
-0,025	0,281	-0,001	0,012	0,035	FALSE

-0,047	0,306	-0,002	0,010	0,062	FALSE
-0,150	0,313	-0,005	0,010	0,204	FALSE
-0,031	0,307	-0,002	0,012	0,070	FALSE
-0,032	0,310	-0,002	0,012	0,064	FALSE
0,035	0,300	0,001	0,012	0,023	FALSE
-0,057	0,299	-0,003	0,012	0,092	FALSE
-0,032	0,297	-0,001	0,009	0,058	FALSE
0,174	0,287	0,006	0,009	0,261	FALSE
-0,160	0,297	-0,003	0,007	0,207	FALSE
-0,037	0,323	0,000	0,007	0,024	FALSE
-0,013	0,313	-0,001	0,009	0,030	FALSE
0,062	0,302	0,002	0,010	0,083	FALSE
-0,036	0,316	-0,001	0,007	0,044	FALSE
0,056	0,305	0,001	0,007	0,068	FALSE
0,050	0,304	0,001	0,007	0,055	FALSE
0,017	0,315	0,001	0,013	0,029	FALSE
-0,035	0,293	0,000	0,012	0,010	FALSE
0,026	0,298	0,002	0,010	0,064	FALSE
-0,036	0,311	0,000	0,007	0,010	FALSE
0,060	0,307	0,002	0,012	0,076	FALSE
0,021	0,302	0,001	0,013	0,026	FALSE
0,005	0,317	0,000	0,013	0,003	FALSE
0,033	0,313	0,001	0,013	0,021	FALSE
-0,037	0,316	-0,001	0,011	0,023	FALSE
0,098	0,318	0,003	0,009	0,139	FALSE
-0,123	0,284	-0,002	0,007	0,135	FALSE
0,146	0,306	0,005	0,012	0,186	FALSE
0,080	0,311	0,002	0,008	0,106	FALSE
-0,047	0,301	-0,002	0,011	0,068	FALSE
-0,082	0,312	-0,004	0,012	0,132	FALSE
0,081	0,306	0,004	0,012	0,118	FALSE
-0,053	0,314	-0,002	0,010	0,054	FALSE
0,096	0,301	0,002	0,007	0,110	FALSE
-0,092	0,307	-0,003	0,010	0,110	FALSE
-0,003	0,320	0,000	0,008	0,000	FALSE
0,067	0,294	0,003	0,012	0,104	FALSE
0,048	0,309	0,002	0,010	0,064	FALSE
0,014	0,320	0,001	0,013	0,035	FALSE
-0,048	0,289	-0,001	0,008	0,068	FALSE
-0,116	0,292	-0,005	0,010	0,222	FALSE
-0,005	0,301	-0,001	0,008	0,040	FALSE
-0,046	0,306	-0,002	0,010	0,089	FALSE
0,072	0,310	0,004	0,012	0,111	FALSE
0,039	0,301	0,002	0,013	0,052	FALSE
-0,023	0,320	0,000	0,011	0,014	FALSE
-0,087	0,301	-0,005	0,013	0,153	FALSE
0,170	0,302	0,005	0,009	0,255	FALSE
-0,025	0,313	-0,002	0,010	0,067	FALSE
0,068	0,307	0,002	0,009	0,097	FALSE
0,119	0,292	0,004	0,012	0,148	FALSE
-0,042	0,322	-0,001	0,008	0,049	FALSE
-0,012	0,328	-0,001	0,012	0,016	FALSE
0,019	0,304	0,001	0,012	0,047	FALSE

0,072	0,303	0,004	0,011	0,135	FALSE
-0,045	0,300	-0,001	0,009	0,060	FALSE
0,017	0,314	0,000	0,010	0,001	FALSE
0,025	0,319	0,000	0,010	0,016	FALSE
0,027	0,323	0,000	0,010	0,011	FALSE
-0,003	0,306	0,001	0,013	0,022	FALSE
-0,025	0,300	-0,001	0,012	0,035	FALSE
0,009	0,308	0,000	0,009	0,007	FALSE
-0,009	0,284	-0,001	0,012	0,041	FALSE
-0,072	0,309	-0,002	0,009	0,095	FALSE
-0,013	0,317	0,000	0,012	0,007	FALSE
-0,075	0,286	-0,002	0,006	0,096	FALSE
0,142	0,283	0,006	0,011	0,204	FALSE
-0,029	0,295	-0,001	0,012	0,020	FALSE
-0,097	0,303	-0,004	0,013	0,116	FALSE
0,133	0,293	0,005	0,011	0,177	FALSE
-0,004	0,314	0,000	0,013	0,005	FALSE
0,021	0,301	0,000	0,006	0,023	FALSE
-0,065	0,272	-0,003	0,011	0,115	FALSE
-0,057	0,301	-0,001	0,007	0,085	FALSE
0,167	0,298	0,006	0,012	0,226	FALSE
-0,025	0,297	-0,001	0,008	0,027	FALSE
-0,017	0,308	0,000	0,008	0,004	FALSE
-0,014	0,314	-0,001	0,012	0,020	FALSE
-0,005	0,306	0,000	0,012	0,002	FALSE
-0,098	0,290	-0,004	0,010	0,135	FALSE
-0,123	0,299	-0,004	0,010	0,166	FALSE
-0,054	0,301	-0,002	0,007	0,090	FALSE
0,010	0,300	0,000	0,011	0,009	FALSE
0,052	0,297	0,001	0,009	0,047	FALSE
-0,046	0,293	-0,002	0,012	0,071	FALSE
0,025	0,296	0,001	0,010	0,023	FALSE
-0,010	0,306	-0,001	0,009	0,037	FALSE
0,073	0,307	0,004	0,013	0,120	FALSE
0,114	0,302	0,004	0,010	0,157	FALSE
0,094	0,302	0,003	0,010	0,127	FALSE
-0,082	0,300	-0,004	0,012	0,124	FALSE
0,028	0,294	0,001	0,008	0,057	FALSE
-0,038	0,314	-0,001	0,008	0,044	FALSE
-0,112	0,287	-0,004	0,008	0,203	FALSE
-0,026	0,319	0,000	0,008	0,019	FALSE
0,058	0,305	0,002	0,012	0,077	FALSE
0,004	0,304	0,000	0,007	0,010	FALSE
0,073	0,304	0,002	0,011	0,073	FALSE
-0,012	0,289	0,000	0,007	0,008	FALSE
-0,085	0,311	-0,002	0,007	0,109	FALSE
0,018	0,307	0,000	0,007	0,019	FALSE
0,010	0,304	0,001	0,009	0,046	FALSE
0,071	0,315	0,002	0,010	0,071	FALSE
-0,069	0,303	-0,001	0,007	0,062	FALSE
-0,037	0,296	-0,001	0,006	0,032	FALSE
0,160	0,293	0,003	0,007	0,202	FALSE
0,048	0,292	0,002	0,009	0,072	FALSE

-0,060	0,313	-0,003	0,013	0,075	FALSE
-0,060	0,320	-0,001	0,008	0,062	FALSE
0,054	0,300	0,001	0,008	0,046	FALSE
0,067	0,303	0,002	0,011	0,079	FALSE
-0,163	0,291	-0,004	0,007	0,269	FALSE
-0,035	0,307	-0,001	0,008	0,036	FALSE
-0,101	0,317	-0,003	0,010	0,115	FALSE
-0,103	0,315	-0,004	0,010	0,162	FALSE
-0,015	0,310	-0,001	0,013	0,020	FALSE
-0,059	0,303	-0,003	0,012	0,087	FALSE
-0,160	0,299	-0,005	0,010	0,231	FALSE
-0,046	0,289	-0,001	0,008	0,039	FALSE
0,021	0,304	0,002	0,011	0,064	FALSE
0,037	0,301	0,001	0,006	0,037	FALSE
0,008	0,332	0,001	0,009	0,021	FALSE
0,055	0,304	0,002	0,012	0,054	FALSE
0,091	0,312	0,003	0,013	0,103	FALSE
0,054	0,307	0,002	0,012	0,052	FALSE
-0,124	0,307	-0,004	0,012	0,115	FALSE
-0,101	0,293	-0,004	0,012	0,125	FALSE
-0,111	0,310	-0,005	0,013	0,146	FALSE
-0,107	0,315	-0,004	0,011	0,141	FALSE
-0,094	0,304	-0,003	0,013	0,102	FALSE
-0,017	0,301	0,000	0,008	0,002	FALSE
0,056	0,296	0,001	0,008	0,042	FALSE
-0,006	0,316	0,000	0,008	0,011	FALSE
0,009	0,307	0,001	0,011	0,023	FALSE
-0,055	0,310	-0,002	0,012	0,053	FALSE
0,091	0,316	0,004	0,013	0,132	FALSE
0,148	0,301	0,006	0,013	0,193	FALSE
-0,035	0,303	-0,001	0,007	0,031	FALSE
-0,005	0,294	0,000	0,008	0,001	FALSE
-0,068	0,300	-0,002	0,010	0,056	FALSE
0,038	0,307	0,002	0,010	0,064	FALSE
0,021	0,307	0,000	0,006	0,023	FALSE
0,042	0,309	0,001	0,008	0,024	FALSE
0,034	0,298	0,001	0,011	0,036	FALSE
0,041	0,297	0,001	0,006	0,062	FALSE
0,087	0,299	0,003	0,008	0,125	FALSE
0,104	0,309	0,003	0,010	0,130	FALSE
0,102	0,294	0,005	0,012	0,155	FALSE
0,096	0,295	0,003	0,010	0,126	FALSE
0,072	0,305	0,002	0,010	0,076	FALSE
-0,084	0,298	-0,002	0,008	0,106	FALSE
0,132	0,312	0,006	0,012	0,185	FALSE
-0,036	0,304	-0,001	0,006	0,057	FALSE
0,129	0,297	0,005	0,012	0,178	FALSE
0,076	0,312	0,002	0,009	0,096	FALSE
0,063	0,313	0,003	0,009	0,121	FALSE
0,016	0,307	0,000	0,010	0,011	FALSE
-0,082	0,310	-0,003	0,009	0,106	FALSE
-0,028	0,306	-0,001	0,008	0,038	FALSE
-0,001	0,320	0,000	0,009	0,007	FALSE

0,021	0,311	0,000	0,011	0,012	FALSE
0,025	0,315	0,001	0,013	0,025	FALSE
0,005	0,304	0,000	0,008	0,017	FALSE
-0,053	0,299	-0,002	0,012	0,066	FALSE
-0,034	0,292	-0,001	0,011	0,031	FALSE
0,139	0,288	0,004	0,008	0,192	FALSE
0,141	0,306	0,005	0,012	0,182	FALSE
0,049	0,309	0,002	0,010	0,066	FALSE
-0,012	0,309	-0,001	0,007	0,036	FALSE
0,066	0,309	0,002	0,012	0,056	FALSE
0,005	0,311	-0,001	0,012	0,019	FALSE
0,027	0,317	0,002	0,013	0,063	FALSE
0,038	0,313	0,002	0,012	0,066	FALSE
-0,130	0,312	-0,003	0,006	0,167	FALSE
-0,018	0,306	-0,002	0,013	0,043	FALSE
-0,003	0,315	0,000	0,012	0,003	FALSE
-0,051	0,301	-0,002	0,010	0,084	FALSE
-0,062	0,312	-0,001	0,007	0,062	FALSE
-0,019	0,306	-0,001	0,007	0,029	FALSE
-0,173	0,300	-0,005	0,009	0,236	FALSE
-0,007	0,294	-0,001	0,007	0,027	FALSE
-0,164	0,298	-0,005	0,009	0,228	FALSE
0,096	0,305	0,002	0,007	0,120	FALSE
-0,034	0,297	-0,001	0,012	0,031	FALSE
-0,039	0,313	-0,001	0,011	0,042	FALSE
-0,060	0,322	-0,001	0,006	0,065	FALSE
0,002	0,322	0,000	0,010	0,006	FALSE
-0,045	0,302	-0,001	0,006	0,062	FALSE
-0,003	0,305	0,000	0,007	0,012	FALSE
-0,106	0,308	-0,003	0,008	0,154	FALSE
-0,119	0,308	-0,003	0,009	0,128	FALSE
-0,015	0,315	-0,001	0,011	0,026	FALSE
-0,079	0,304	-0,001	0,008	0,058	FALSE
-0,004	0,300	0,000	0,012	0,005	FALSE
0,085	0,303	0,002	0,006	0,132	FALSE
-0,068	0,307	-0,001	0,008	0,053	FALSE
-0,018	0,306	-0,002	0,013	0,049	FALSE
-0,054	0,325	-0,001	0,010	0,033	FALSE
-0,197	0,306	-0,007	0,010	0,289	FALSE
-0,103	0,310	-0,004	0,012	0,145	FALSE
0,004	0,307	-0,001	0,013	0,028	FALSE
0,043	0,327	0,002	0,012	0,060	FALSE
0,011	0,311	0,001	0,006	0,037	FALSE
-0,114	0,312	-0,003	0,008	0,123	FALSE
0,029	0,307	0,001	0,010	0,018	FALSE
-0,085	0,304	-0,003	0,012	0,092	FALSE
0,017	0,321	0,000	0,007	0,020	FALSE
-0,029	0,283	-0,001	0,008	0,044	FALSE
-0,176	0,300	-0,007	0,012	0,270	FALSE
-0,206	0,304	-0,008	0,012	0,293	FALSE
-0,033	0,312	-0,001	0,008	0,043	FALSE
-0,037	0,301	-0,001	0,008	0,050	FALSE
0,029	0,305	0,001	0,011	0,045	FALSE

0,097	0,292	0,004	0,012	0,144	FALSE
-0,102	0,314	-0,004	0,011	0,137	FALSE
0,105	0,300	0,004	0,010	0,137	FALSE
0,012	0,304	0,001	0,007	0,032	FALSE
-0,090	0,297	-0,002	0,008	0,110	FALSE
-0,131	0,289	-0,006	0,012	0,201	FALSE
-0,050	0,297	-0,002	0,011	0,080	FALSE
-0,055	0,290	-0,001	0,007	0,075	FALSE
-0,057	0,310	-0,001	0,008	0,071	FALSE
-0,004	0,311	0,000	0,010	0,002	FALSE
0,009	0,308	0,001	0,010	0,046	FALSE
0,011	0,308	0,000	0,012	0,012	FALSE
-0,001	0,314	0,001	0,013	0,014	FALSE
0,127	0,300	0,003	0,007	0,197	FALSE
0,072	0,304	0,002	0,007	0,131	FALSE
0,084	0,300	0,003	0,007	0,161	FALSE
0,083	0,309	0,002	0,010	0,072	FALSE
0,043	0,305	0,002	0,013	0,059	FALSE
0,098	0,295	0,004	0,012	0,146	FALSE
0,147	0,298	0,003	0,007	0,185	FALSE
0,076	0,323	0,002	0,008	0,093	FALSE
-0,128	0,306	-0,003	0,009	0,152	FALSE
0,071	0,308	0,002	0,009	0,079	FALSE
0,075	0,303	0,002	0,009	0,088	FALSE
-0,047	0,302	-0,003	0,012	0,092	FALSE
0,095	0,297	0,004	0,013	0,127	FALSE
0,045	0,315	0,001	0,013	0,032	FALSE
-0,067	0,294	-0,001	0,006	0,077	FALSE
0,067	0,308	0,001	0,008	0,063	FALSE
0,037	0,315	0,001	0,012	0,019	FALSE
-0,118	0,303	-0,002	0,007	0,128	FALSE
-0,149	0,302	-0,004	0,009	0,184	FALSE
-0,056	0,308	-0,001	0,007	0,065	FALSE
-0,062	0,314	-0,002	0,008	0,082	FALSE
0,087	0,307	0,003	0,011	0,119	FALSE
0,011	0,317	0,000	0,007	0,019	FALSE
0,040	0,298	0,001	0,006	0,054	FALSE
0,034	0,312	0,001	0,007	0,040	FALSE
0,004	0,303	0,000	0,010	0,008	FALSE
0,116	0,308	0,003	0,008	0,133	FALSE
-0,026	0,305	-0,001	0,009	0,021	FALSE
0,181	0,300	0,005	0,009	0,221	FALSE
0,098	0,311	0,003	0,010	0,115	FALSE
-0,135	0,297	-0,005	0,009	0,220	FALSE
0,066	0,301	0,003	0,012	0,103	FALSE
-0,014	0,304	-0,001	0,010	0,018	FALSE
-0,234	0,291	-0,009	0,011	0,388	FALSE
0,059	0,309	0,002	0,010	0,069	FALSE
-0,212	0,298	-0,009	0,012	0,338	FALSE
-0,196	0,304	-0,008	0,012	0,301	FALSE
0,045	0,304	0,001	0,007	0,064	FALSE
0,037	0,311	0,001	0,006	0,054	FALSE
-0,070	0,314	-0,001	0,007	0,073	FALSE

-0,043	0,312	-0,001	0,007	0,061	FALSE
-0,004	0,301	-0,001	0,012	0,038	FALSE
0,034	0,307	0,001	0,008	0,047	FALSE
-0,092	0,310	-0,004	0,012	0,121	FALSE
0,096	0,302	0,002	0,007	0,120	FALSE
-0,048	0,316	-0,002	0,009	0,075	FALSE
-0,064	0,318	-0,002	0,013	0,067	FALSE
0,057	0,299	0,002	0,012	0,066	FALSE
0,013	0,313	0,001	0,013	0,020	FALSE
0,028	0,304	0,001	0,007	0,055	FALSE
0,072	0,305	0,002	0,007	0,089	FALSE
-0,067	0,315	-0,003	0,013	0,092	FALSE
0,021	0,298	0,001	0,009	0,035	FALSE
-0,026	0,311	-0,001	0,007	0,041	FALSE
0,092	0,324	0,003	0,013	0,102	FALSE
0,119	0,302	0,004	0,010	0,159	FALSE
0,006	0,325	0,000	0,008	0,004	FALSE
0,055	0,305	0,001	0,007	0,048	FALSE
-0,047	0,316	-0,003	0,012	0,085	FALSE
-0,032	0,298	-0,002	0,012	0,062	FALSE
0,039	0,312	0,000	0,006	0,017	FALSE
-0,012	0,322	0,000	0,007	0,008	FALSE
0,039	0,308	0,001	0,006	0,048	FALSE
-0,066	0,320	-0,003	0,013	0,101	FALSE
-0,042	0,314	-0,001	0,007	0,062	FALSE
-0,056	0,313	-0,002	0,012	0,054	FALSE
-0,061	0,314	-0,002	0,012	0,062	FALSE
-0,034	0,326	-0,001	0,012	0,019	FALSE
-0,041	0,319	-0,001	0,012	0,039	FALSE
-0,061	0,306	-0,003	0,012	0,080	FALSE
-0,022	0,323	0,000	0,008	0,014	FALSE
-0,039	0,300	-0,002	0,012	0,047	FALSE
-0,002	0,309	-0,001	0,012	0,014	FALSE
0,070	0,305	0,003	0,010	0,096	FALSE
0,004	0,315	0,000	0,013	0,009	FALSE
-0,044	0,318	-0,002	0,012	0,057	FALSE
-0,048	0,294	-0,001	0,009	0,048	FALSE
0,085	0,313	0,003	0,009	0,132	FALSE
0,048	0,316	0,002	0,008	0,078	FALSE
0,091	0,315	0,003	0,010	0,131	FALSE
-0,089	0,309	-0,003	0,011	0,122	FALSE
-0,018	0,305	0,000	0,008	0,016	FALSE
0,019	0,308	0,001	0,011	0,031	FALSE
0,110	0,309	0,003	0,008	0,132	FALSE
0,063	0,301	0,001	0,009	0,052	FALSE
-0,050	0,309	-0,002	0,010	0,068	FALSE
-0,022	0,310	-0,001	0,011	0,026	FALSE
0,008	0,313	0,000	0,011	0,011	FALSE
0,015	0,287	0,000	0,008	0,010	FALSE
0,002	0,316	0,000	0,013	0,004	FALSE
-0,012	0,324	-0,001	0,013	0,013	FALSE
-0,081	0,308	-0,003	0,013	0,083	FALSE
-0,106	0,299	-0,004	0,013	0,127	FALSE

-0,022	0,311	-0,002	0,013	0,051	FALSE
-0,011	0,304	-0,001	0,013	0,037	FALSE
-0,013	0,316	-0,001	0,013	0,024	FALSE
0,025	0,313	0,001	0,007	0,028	FALSE
-0,075	0,310	-0,004	0,013	0,120	FALSE
0,056	0,301	0,001	0,007	0,053	FALSE
-0,064	0,294	-0,001	0,008	0,062	FALSE
-0,069	0,297	-0,003	0,013	0,101	FALSE
-0,061	0,299	-0,002	0,010	0,065	FALSE
0,060	0,304	0,002	0,009	0,064	FALSE
0,033	0,305	0,000	0,007	0,019	FALSE
0,021	0,288	0,002	0,011	0,051	FALSE
0,027	0,292	0,002	0,010	0,077	FALSE
-0,160	0,293	-0,005	0,011	0,194	FALSE
0,068	0,302	0,002	0,012	0,057	FALSE
-0,002	0,301	0,000	0,009	0,015	FALSE
0,044	0,290	0,000	0,013	0,010	FALSE
0,054	0,288	0,001	0,012	0,020	FALSE
0,086	0,303	0,002	0,012	0,063	FALSE
0,047	0,304	0,001	0,007	0,034	FALSE
0,122	0,318	0,003	0,009	0,154	FALSE
0,014	0,304	0,001	0,008	0,048	FALSE
0,019	0,306	0,001	0,008	0,023	FALSE
-0,116	0,312	-0,004	0,009	0,160	FALSE
-0,134	0,308	-0,004	0,009	0,190	FALSE
-0,008	0,308	0,000	0,009	0,017	FALSE
-0,053	0,309	-0,002	0,013	0,067	FALSE
-0,225	0,290	-0,004	0,006	0,310	FALSE
-0,168	0,310	-0,006	0,011	0,242	FALSE
0,083	0,311	0,002	0,010	0,092	FALSE
-0,084	0,314	-0,003	0,010	0,102	FALSE
0,067	0,296	0,001	0,008	0,071	FALSE
-0,100	0,314	-0,004	0,011	0,139	FALSE
-0,047	0,310	-0,001	0,007	0,050	FALSE
0,066	0,324	0,002	0,009	0,087	FALSE
0,059	0,302	0,003	0,010	0,106	FALSE
-0,036	0,297	-0,001	0,012	0,023	FALSE
0,066	0,311	0,002	0,010	0,088	FALSE
0,084	0,304	0,004	0,012	0,118	FALSE
0,021	0,310	0,001	0,011	0,034	FALSE
0,056	0,325	0,003	0,013	0,095	TRUE
0,079	0,297	0,004	0,012	0,133	FALSE
-0,053	0,304	-0,001	0,006	0,079	FALSE
-0,101	0,305	-0,003	0,010	0,100	FALSE
0,076	0,306	0,002	0,007	0,107	FALSE
-0,048	0,309	-0,003	0,012	0,081	FALSE
-0,105	0,314	-0,004	0,010	0,140	FALSE
-0,083	0,308	-0,003	0,010	0,104	FALSE
0,007	0,284	0,000	0,010	0,011	FALSE
-0,057	0,312	-0,002	0,009	0,090	FALSE
-0,073	0,297	-0,003	0,009	0,121	FALSE
-0,054	0,313	-0,002	0,012	0,059	FALSE
0,036	0,317	0,001	0,012	0,026	FALSE

-0,059	0,309	-0,001	0,013	0,042	FALSE
0,105	0,304	0,004	0,010	0,139	FALSE
-0,138	0,303	-0,003	0,007	0,172	FALSE
-0,034	0,313	-0,001	0,010	0,027	FALSE
-0,016	0,311	0,000	0,007	0,001	FALSE
0,110	0,326	0,005	0,011	0,181	FALSE
-0,058	0,296	-0,002	0,009	0,083	FALSE
0,124	0,302	0,006	0,012	0,222	FALSE
0,086	0,299	0,003	0,010	0,136	FALSE
-0,029	0,311	-0,001	0,012	0,043	FALSE
-0,042	0,313	-0,001	0,013	0,037	FALSE
-0,057	0,309	-0,003	0,012	0,079	FALSE
0,054	0,305	0,001	0,013	0,025	FALSE
0,002	0,304	0,001	0,012	0,024	FALSE
0,070	0,328	0,001	0,008	0,065	FALSE
0,055	0,314	0,002	0,009	0,092	FALSE
-0,058	0,301	-0,002	0,009	0,106	FALSE
-0,087	0,296	-0,002	0,007	0,095	FALSE
0,057	0,292	0,001	0,010	0,039	FALSE
0,067	0,284	0,002	0,010	0,076	FALSE
-0,056	0,308	-0,002	0,007	0,092	FALSE
0,042	0,312	0,001	0,011	0,025	FALSE
-0,015	0,302	-0,001	0,006	0,031	FALSE
-0,003	0,308	-0,001	0,011	0,017	FALSE
0,013	0,297	0,001	0,013	0,022	FALSE
-0,013	0,316	-0,001	0,010	0,041	FALSE
0,051	0,293	0,003	0,010	0,123	FALSE
0,042	0,297	0,003	0,010	0,111	FALSE
0,098	0,301	0,002	0,011	0,085	FALSE
-0,052	0,301	-0,001	0,009	0,058	FALSE
0,021	0,309	0,000	0,011	0,011	FALSE
0,019	0,302	0,000	0,009	0,007	FALSE
-0,001	0,294	-0,002	0,012	0,047	FALSE
0,011	0,314	0,002	0,013	0,044	FALSE
0,026	0,319	0,002	0,013	0,062	FALSE
0,037	0,295	0,001	0,007	0,047	FALSE
0,105	0,299	0,004	0,011	0,127	FALSE
-0,158	0,300	-0,005	0,009	0,256	FALSE
0,063	0,315	0,002	0,013	0,041	FALSE
0,076	0,317	0,002	0,013	0,063	FALSE
0,051	0,315	0,001	0,013	0,034	FALSE
0,048	0,305	0,002	0,007	0,101	FALSE
0,064	0,303	0,003	0,011	0,103	FALSE
0,114	0,301	0,003	0,008	0,153	FALSE
0,021	0,300	0,001	0,011	0,023	FALSE
0,135	0,310	0,004	0,008	0,209	FALSE
0,126	0,324	0,004	0,009	0,182	FALSE
0,019	0,309	0,001	0,009	0,026	FALSE
0,047	0,303	0,002	0,013	0,073	FALSE
0,028	0,320	0,001	0,009	0,030	FALSE
0,026	0,307	0,002	0,009	0,064	FALSE
0,005	0,287	0,001	0,011	0,026	FALSE
-0,075	0,322	-0,002	0,007	0,083	FALSE

-0,037	0,315	-0,001	0,007	0,043	FALSE
0,031	0,299	0,001	0,011	0,038	FALSE
0,012	0,305	0,000	0,007	0,018	FALSE
-0,050	0,305	-0,002	0,010	0,060	FALSE
0,014	0,319	0,000	0,007	0,010	FALSE
-0,117	0,287	-0,004	0,009	0,180	FALSE
0,166	0,306	0,006	0,013	0,197	FALSE
-0,018	0,306	0,000	0,007	0,011	FALSE
0,190	0,294	0,004	0,007	0,284	FALSE
0,063	0,311	0,002	0,012	0,068	FALSE
0,120	0,309	0,003	0,008	0,135	FALSE
0,134	0,303	0,003	0,007	0,162	FALSE
-0,048	0,303	-0,001	0,007	0,052	FALSE
-0,084	0,315	-0,003	0,010	0,139	FALSE
0,156	0,301	0,003	0,007	0,191	FALSE
0,042	0,315	0,001	0,009	0,047	FALSE
0,020	0,308	0,001	0,008	0,038	FALSE
-0,026	0,298	-0,001	0,008	0,041	FALSE
-0,004	0,303	0,000	0,008	0,011	FALSE
-0,017	0,311	-0,001	0,012	0,039	FALSE
0,064	0,318	0,002	0,007	0,096	FALSE
-0,034	0,315	-0,001	0,010	0,040	FALSE
-0,054	0,314	-0,001	0,012	0,036	FALSE
0,052	0,293	0,001	0,006	0,042	FALSE
0,054	0,293	0,002	0,011	0,078	FALSE
-0,073	0,300	-0,003	0,011	0,088	FALSE
0,001	0,315	0,000	0,007	0,004	FALSE
-0,006	0,314	0,000	0,008	0,017	FALSE
0,044	0,328	0,001	0,013	0,037	FALSE
-0,094	0,307	-0,001	0,007	0,064	FALSE
0,033	0,300	0,000	0,011	0,008	FALSE
-0,129	0,290	-0,002	0,007	0,132	FALSE
-0,058	0,316	-0,001	0,012	0,044	FALSE
0,069	0,309	0,002	0,012	0,069	FALSE
-0,016	0,324	-0,001	0,013	0,026	FALSE
0,179	0,304	0,004	0,007	0,251	FALSE
0,156	0,301	0,006	0,011	0,229	FALSE
0,118	0,297	0,005	0,011	0,165	FALSE
0,099	0,309	0,003	0,009	0,134	FALSE
-0,023	0,313	-0,001	0,013	0,038	FALSE
0,032	0,319	0,001	0,008	0,054	FALSE
0,065	0,315	0,002	0,009	0,078	FALSE
0,073	0,296	0,002	0,007	0,087	FALSE
0,050	0,305	0,001	0,007	0,070	FALSE
0,076	0,305	0,002	0,007	0,115	FALSE
0,067	0,314	0,002	0,007	0,107	FALSE
0,049	0,309	0,001	0,007	0,061	FALSE
0,065	0,297	0,001	0,007	0,060	FALSE
0,049	0,312	0,001	0,007	0,042	FALSE
0,004	0,310	0,001	0,010	0,022	FALSE
0,012	0,319	0,000	0,007	0,018	FALSE
-0,003	0,319	0,000	0,007	0,011	FALSE
0,083	0,308	0,003	0,010	0,106	FALSE

-0,147	0,306	-0,004	0,009	0,190	FALSE
-0,164	0,315	-0,006	0,012	0,211	FALSE
-0,005	0,300	0,000	0,007	0,021	FALSE
-0,035	0,332	-0,002	0,013	0,048	FALSE
-0,006	0,313	0,000	0,008	0,008	FALSE
0,052	0,309	0,002	0,008	0,090	FALSE
-0,100	0,319	-0,003	0,007	0,136	FALSE
-0,041	0,320	-0,002	0,011	0,071	FALSE
-0,075	0,309	-0,002	0,007	0,085	FALSE
0,029	0,309	0,002	0,007	0,084	FALSE
0,072	0,310	0,002	0,009	0,078	FALSE
0,073	0,300	0,002	0,012	0,077	FALSE
-0,054	0,302	-0,001	0,010	0,032	FALSE
0,167	0,306	0,007	0,013	0,222	FALSE
-0,126	0,295	-0,003	0,007	0,201	FALSE
-0,066	0,307	-0,003	0,011	0,090	FALSE
0,056	0,311	0,003	0,013	0,078	FALSE
0,024	0,294	0,001	0,007	0,037	FALSE
-0,094	0,305	-0,003	0,013	0,106	FALSE
0,095	0,319	0,003	0,013	0,101	FALSE
-0,045	0,322	-0,002	0,011	0,061	FALSE
0,101	0,298	0,004	0,011	0,128	FALSE
0,084	0,295	0,002	0,008	0,119	FALSE
-0,048	0,309	-0,002	0,012	0,078	FALSE
-0,137	0,305	-0,003	0,006	0,185	FALSE
0,069	0,301	0,002	0,009	0,065	FALSE
-0,044	0,307	-0,002	0,013	0,066	FALSE
-0,131	0,307	-0,004	0,009	0,183	FALSE
0,007	0,303	0,000	0,007	0,012	FALSE
0,042	0,300	0,002	0,008	0,083	FALSE
-0,113	0,299	-0,004	0,012	0,134	FALSE
-0,042	0,312	-0,001	0,010	0,050	FALSE
-0,002	0,297	-0,001	0,011	0,024	FALSE
-0,002	0,301	0,000	0,009	0,004	FALSE
-0,018	0,314	0,000	0,007	0,003	FALSE
-0,047	0,300	-0,001	0,009	0,027	FALSE
-0,097	0,314	-0,003	0,011	0,087	FALSE
-0,104	0,300	-0,003	0,011	0,104	FALSE
0,058	0,318	0,002	0,010	0,073	FALSE
-0,010	0,305	0,000	0,007	0,000	FALSE
0,090	0,298	0,002	0,011	0,069	FALSE
-0,067	0,293	-0,004	0,012	0,116	FALSE
0,144	0,297	0,004	0,010	0,170	FALSE
-0,010	0,307	-0,001	0,007	0,033	FALSE
0,020	0,306	0,001	0,009	0,023	FALSE
-0,099	0,312	-0,004	0,013	0,141	FALSE
-0,002	0,308	0,000	0,010	0,002	FALSE
0,032	0,307	0,002	0,013	0,058	FALSE
0,066	0,296	0,003	0,013	0,105	FALSE
0,045	0,301	0,003	0,012	0,079	FALSE
0,030	0,310	0,001	0,008	0,031	FALSE
-0,002	0,310	-0,001	0,012	0,019	FALSE
0,150	0,306	0,003	0,007	0,198	FALSE

0,007	0,294	0,000	0,011	0,002	FALSE
-0,058	0,304	-0,002	0,013	0,057	FALSE
0,063	0,293	0,002	0,007	0,111	FALSE
0,075	0,283	0,002	0,007	0,144	FALSE
-0,067	0,305	-0,002	0,007	0,094	FALSE
0,076	0,300	0,002	0,008	0,118	FALSE
-0,061	0,329	-0,002	0,009	0,077	FALSE
0,111	0,309	0,003	0,010	0,137	FALSE
0,073	0,312	0,002	0,011	0,071	FALSE
0,065	0,303	0,002	0,011	0,077	FALSE
0,139	0,305	0,006	0,013	0,191	FALSE
-0,126	0,299	-0,006	0,013	0,190	FALSE
-0,119	0,310	-0,005	0,013	0,176	FALSE
0,016	0,309	0,001	0,013	0,021	FALSE
-0,052	0,304	-0,002	0,010	0,070	FALSE
-0,017	0,303	0,000	0,013	0,011	FALSE
-0,009	0,307	0,000	0,011	0,007	FALSE
-0,025	0,314	-0,001	0,008	0,042	FALSE
-0,132	0,300	-0,006	0,013	0,200	FALSE
0,012	0,305	0,002	0,012	0,045	FALSE
-0,006	0,319	-0,001	0,012	0,029	FALSE
0,032	0,293	0,000	0,011	0,010	FALSE
0,114	0,302	0,003	0,008	0,154	FALSE
-0,035	0,307	-0,002	0,012	0,060	FALSE
-0,008	0,314	0,000	0,008	0,013	FALSE
0,040	0,305	0,001	0,008	0,067	FALSE
0,121	0,311	0,004	0,012	0,153	FALSE
-0,078	0,301	-0,002	0,008	0,098	FALSE
-0,063	0,306	-0,002	0,012	0,068	FALSE
-0,032	0,299	-0,001	0,012	0,036	FALSE
0,035	0,313	0,000	0,008	0,015	FALSE
-0,053	0,282	-0,001	0,008	0,069	FALSE
0,024	0,306	0,000	0,012	0,005	FALSE
0,017	0,316	0,000	0,008	0,001	FALSE
-0,027	0,316	-0,001	0,009	0,053	FALSE
0,056	0,295	0,002	0,013	0,060	FALSE
-0,082	0,321	-0,003	0,010	0,109	FALSE
-0,083	0,312	-0,002	0,009	0,100	FALSE
-0,038	0,306	-0,001	0,009	0,056	FALSE
-0,045	0,311	-0,001	0,011	0,039	FALSE
0,019	0,303	0,001	0,009	0,034	FALSE
-0,043	0,306	-0,001	0,008	0,045	FALSE
0,019	0,310	0,000	0,009	0,006	FALSE
0,064	0,304	0,001	0,012	0,040	FALSE
-0,119	0,298	-0,004	0,010	0,146	FALSE
-0,091	0,324	-0,002	0,010	0,086	FALSE
0,045	0,312	0,001	0,009	0,049	FALSE
-0,049	0,316	-0,001	0,011	0,039	FALSE
0,066	0,317	0,002	0,013	0,055	FALSE
-0,111	0,298	-0,003	0,007	0,144	FALSE
-0,107	0,299	-0,004	0,010	0,160	FALSE
-0,148	0,303	-0,005	0,009	0,224	FALSE
-0,066	0,317	-0,003	0,012	0,098	FALSE

-0,168	0,297	-0,006	0,011	0,264	FALSE
0,082	0,307	0,004	0,013	0,108	FALSE
0,030	0,315	0,000	0,009	0,001	FALSE
-0,039	0,315	-0,001	0,009	0,031	FALSE
-0,009	0,300	0,000	0,007	0,003	FALSE
0,004	0,311	0,000	0,008	0,019	FALSE
0,052	0,308	0,001	0,008	0,053	FALSE
-0,098	0,299	-0,003	0,011	0,094	FALSE
0,027	0,312	0,000	0,007	0,016	FALSE
0,033	0,321	0,001	0,008	0,031	FALSE
-0,032	0,306	0,000	0,009	0,013	FALSE
-0,093	0,296	-0,003	0,008	0,133	FALSE
0,029	0,318	0,001	0,007	0,048	FALSE
0,023	0,313	0,001	0,007	0,029	FALSE
-0,082	0,299	-0,002	0,009	0,099	FALSE
0,049	0,308	0,002	0,012	0,051	FALSE
-0,097	0,316	-0,003	0,009	0,112	FALSE
0,138	0,317	0,004	0,009	0,166	FALSE
0,155	0,302	0,004	0,008	0,229	FALSE
-0,066	0,298	-0,002	0,007	0,083	FALSE
-0,037	0,308	-0,001	0,011	0,035	FALSE
0,005	0,304	0,000	0,007	0,007	FALSE
0,194	0,303	0,005	0,008	0,284	FALSE
0,107	0,297	0,002	0,006	0,158	FALSE
-0,100	0,313	-0,003	0,008	0,152	FALSE
-0,037	0,316	-0,001	0,012	0,035	FALSE
-0,005	0,317	0,000	0,012	0,007	FALSE
-0,114	0,301	-0,004	0,011	0,163	FALSE
-0,020	0,310	-0,002	0,013	0,065	FALSE
-0,015	0,300	0,000	0,007	0,005	FALSE
0,097	0,314	0,003	0,010	0,108	FALSE
-0,034	0,309	-0,001	0,007	0,053	FALSE
0,110	0,304	0,003	0,007	0,152	FALSE
0,147	0,294	0,005	0,009	0,200	FALSE
0,021	0,303	0,000	0,008	0,004	FALSE
0,020	0,313	0,000	0,008	0,005	FALSE
0,011	0,305	0,000	0,008	0,015	FALSE
0,005	0,321	0,000	0,007	0,023	FALSE
-0,016	0,321	-0,001	0,009	0,021	FALSE
0,047	0,303	0,001	0,012	0,045	FALSE
-0,041	0,298	-0,001	0,012	0,028	FALSE
-0,164	0,296	-0,004	0,007	0,244	FALSE
0,015	0,308	0,000	0,010	0,006	FALSE
0,019	0,323	0,000	0,010	0,007	FALSE
0,011	0,323	0,000	0,009	0,008	FALSE
0,017	0,322	0,000	0,009	0,007	FALSE
-0,002	0,312	0,000	0,007	0,017	FALSE
-0,067	0,316	-0,003	0,013	0,089	FALSE
0,115	0,295	0,004	0,009	0,185	FALSE
0,022	0,310	0,000	0,010	0,012	FALSE
-0,024	0,320	-0,001	0,013	0,042	FALSE
-0,041	0,294	-0,001	0,008	0,061	FALSE
-0,034	0,310	-0,001	0,009	0,057	FALSE

-0,032	0,298	-0,001	0,007	0,044	FALSE
0,147	0,309	0,003	0,007	0,192	FALSE
0,034	0,308	0,000	0,007	0,003	FALSE
-0,043	0,303	-0,001	0,010	0,048	FALSE
0,044	0,308	0,002	0,012	0,059	FALSE
0,054	0,313	0,002	0,011	0,071	FALSE
0,092	0,310	0,002	0,007	0,142	FALSE
-0,013	0,312	0,000	0,010	0,003	FALSE
0,039	0,295	0,002	0,012	0,046	FALSE
0,023	0,296	0,001	0,012	0,041	FALSE
-0,023	0,301	0,000	0,006	0,002	FALSE
-0,015	0,316	0,000	0,007	0,009	FALSE
-0,032	0,327	-0,002	0,011	0,067	FALSE
-0,056	0,316	-0,001	0,007	0,052	FALSE
0,016	0,316	0,001	0,008	0,024	FALSE
-0,025	0,293	-0,001	0,007	0,032	FALSE
-0,081	0,306	-0,002	0,010	0,063	FALSE
-0,083	0,321	-0,003	0,010	0,120	FALSE
0,066	0,306	0,002	0,010	0,072	FALSE
0,118	0,297	0,003	0,009	0,114	FALSE
-0,102	0,300	-0,002	0,006	0,108	FALSE
0,121	0,302	0,002	0,007	0,119	FALSE
-0,074	0,316	-0,002	0,009	0,089	FALSE
-0,050	0,306	-0,001	0,010	0,051	FALSE
0,005	0,300	0,000	0,008	0,006	FALSE
-0,033	0,307	-0,001	0,013	0,019	FALSE
-0,013	0,302	0,000	0,007	0,013	FALSE
0,052	0,300	0,002	0,007	0,101	FALSE
-0,010	0,299	0,000	0,008	0,006	FALSE
-0,005	0,322	0,000	0,006	0,011	FALSE
0,129	0,306	0,006	0,013	0,204	FALSE
0,081	0,317	0,002	0,008	0,116	FALSE
-0,090	0,315	-0,002	0,007	0,138	FALSE
0,104	0,312	0,002	0,006	0,094	FALSE
0,079	0,316	0,003	0,013	0,105	FALSE
0,052	0,288	0,002	0,011	0,077	FALSE
0,012	0,314	0,001	0,013	0,017	FALSE
-0,014	0,316	-0,001	0,010	0,031	FALSE
-0,085	0,305	-0,002	0,008	0,081	FALSE
-0,004	0,313	-0,001	0,013	0,033	FALSE
-0,062	0,300	-0,002	0,008	0,113	FALSE
0,108	0,291	0,002	0,006	0,131	FALSE
-0,013	0,307	-0,001	0,007	0,045	FALSE
0,095	0,316	0,005	0,011	0,178	FALSE
0,100	0,312	0,005	0,012	0,178	FALSE
0,049	0,318	0,002	0,008	0,071	FALSE
0,080	0,302	0,004	0,011	0,137	FALSE
-0,107	0,313	-0,003	0,009	0,132	FALSE
0,149	0,306	0,006	0,013	0,191	FALSE
0,080	0,294	0,002	0,007	0,103	FALSE
-0,019	0,302	-0,001	0,007	0,027	FALSE
-0,193	0,315	-0,008	0,013	0,293	FALSE
-0,075	0,312	-0,002	0,008	0,115	FALSE

-0,100	0,302	-0,004	0,010	0,147	FALSE
-0,064	0,303	-0,002	0,008	0,104	FALSE
0,053	0,310	0,002	0,011	0,061	FALSE
0,039	0,304	0,002	0,009	0,060	FALSE
0,016	0,311	0,001	0,011	0,044	FALSE
0,098	0,308	0,003	0,013	0,094	FALSE
-0,096	0,319	-0,004	0,012	0,132	FALSE
0,030	0,302	0,001	0,008	0,069	FALSE
-0,014	0,303	0,000	0,010	0,016	FALSE
-0,109	0,305	-0,002	0,007	0,143	FALSE
-0,038	0,310	-0,001	0,008	0,058	FALSE
0,015	0,321	0,001	0,013	0,020	FALSE
-0,077	0,317	-0,001	0,007	0,073	FALSE
-0,061	0,316	-0,002	0,012	0,073	FALSE
0,009	0,307	0,001	0,010	0,039	FALSE
-0,086	0,296	-0,002	0,007	0,117	FALSE
0,003	0,319	0,000	0,013	0,003	FALSE
0,108	0,306	0,003	0,008	0,142	FALSE
0,016	0,316	0,001	0,012	0,021	FALSE
-0,047	0,320	-0,001	0,007	0,050	FALSE
0,001	0,315	0,000	0,008	0,011	FALSE
0,000	0,297	0,000	0,007	0,000	FALSE
-0,084	0,301	-0,002	0,008	0,102	FALSE
-0,053	0,312	-0,001	0,008	0,054	FALSE
0,023	0,308	0,000	0,009	0,017	FALSE
0,042	0,306	0,002	0,008	0,099	FALSE
-0,068	0,300	-0,003	0,011	0,094	FALSE
-0,035	0,307	-0,001	0,012	0,032	FALSE
0,010	0,301	-0,001	0,009	0,030	FALSE
-0,143	0,307	-0,006	0,012	0,193	FALSE
0,193	0,293	0,006	0,010	0,290	FALSE
-0,099	0,326	-0,004	0,012	0,118	FALSE
-0,104	0,305	-0,005	0,012	0,166	FALSE
0,048	0,300	0,001	0,009	0,030	FALSE
-0,066	0,301	-0,002	0,010	0,067	FALSE
0,053	0,307	0,002	0,012	0,045	FALSE
-0,025	0,314	-0,001	0,011	0,041	FALSE
-0,053	0,295	-0,001	0,010	0,039	FALSE
-0,040	0,314	-0,001	0,009	0,035	FALSE
-0,030	0,308	-0,001	0,008	0,032	FALSE
-0,023	0,308	0,000	0,008	0,014	FALSE
-0,006	0,285	-0,001	0,007	0,052	FALSE
0,012	0,302	0,001	0,011	0,039	FALSE
0,053	0,299	0,002	0,012	0,056	FALSE
0,058	0,308	0,002	0,008	0,083	FALSE
-0,097	0,298	-0,005	0,012	0,157	FALSE
-0,154	0,304	-0,007	0,013	0,239	FALSE
0,064	0,291	0,002	0,007	0,096	FALSE
0,054	0,294	0,001	0,008	0,068	FALSE
0,056	0,313	0,002	0,012	0,077	FALSE
0,068	0,309	0,002	0,010	0,077	FALSE
0,091	0,296	0,003	0,010	0,113	FALSE
0,057	0,302	0,002	0,010	0,081	FALSE

0,058	0,300	0,002	0,009	0,080	FALSE
0,127	0,299	0,004	0,009	0,174	FALSE
0,107	0,289	0,004	0,010	0,156	FALSE
0,002	0,299	0,001	0,007	0,026	FALSE
0,064	0,304	0,002	0,007	0,093	FALSE
0,015	0,313	0,001	0,013	0,041	FALSE
0,031	0,311	0,000	0,009	0,012	FALSE
0,049	0,306	0,001	0,013	0,026	FALSE
-0,001	0,296	0,000	0,011	0,009	FALSE
0,018	0,297	0,000	0,009	0,019	FALSE
-0,095	0,318	-0,004	0,012	0,129	FALSE
0,066	0,297	0,002	0,012	0,073	FALSE
-0,082	0,314	-0,002	0,007	0,100	FALSE
0,019	0,302	0,001	0,009	0,048	FALSE
-0,022	0,311	0,000	0,012	0,002	FALSE
0,097	0,310	0,005	0,013	0,149	FALSE
0,064	0,305	0,002	0,007	0,094	FALSE
0,026	0,311	0,001	0,011	0,034	FALSE
0,054	0,308	0,002	0,012	0,063	FALSE
0,045	0,300	0,001	0,010	0,039	FALSE
0,049	0,309	0,001	0,013	0,027	FALSE
0,022	0,309	0,002	0,010	0,066	FALSE
0,053	0,307	0,003	0,013	0,076	FALSE
0,015	0,308	0,000	0,011	0,007	FALSE
-0,003	0,291	0,000	0,008	0,018	FALSE
0,017	0,308	0,000	0,006	0,006	FALSE
0,073	0,313	0,003	0,012	0,101	FALSE
-0,028	0,309	-0,001	0,007	0,059	FALSE
-0,079	0,305	-0,003	0,011	0,105	FALSE
-0,011	0,317	0,000	0,009	0,003	FALSE
0,082	0,304	0,002	0,009	0,110	FALSE
0,076	0,303	0,002	0,009	0,069	FALSE
0,023	0,302	0,000	0,009	0,016	FALSE
0,055	0,310	0,002	0,010	0,061	FALSE
0,090	0,311	0,002	0,009	0,107	FALSE
-0,011	0,300	0,000	0,013	0,003	FALSE
-0,064	0,313	-0,001	0,007	0,063	FALSE
-0,102	0,309	-0,002	0,008	0,110	FALSE
-0,003	0,311	0,000	0,007	0,020	FALSE
-0,040	0,294	-0,001	0,006	0,033	FALSE
-0,032	0,310	-0,001	0,008	0,030	FALSE
0,099	0,293	0,003	0,009	0,142	FALSE
0,015	0,306	0,000	0,011	0,004	FALSE
-0,062	0,302	-0,003	0,012	0,104	FALSE
0,001	0,315	-0,001	0,008	0,034	FALSE
-0,020	0,314	0,000	0,007	0,014	FALSE
0,033	0,317	0,001	0,007	0,036	FALSE
0,023	0,307	0,002	0,013	0,044	FALSE
0,007	0,307	0,001	0,013	0,027	FALSE
0,117	0,304	0,004	0,010	0,181	FALSE
0,111	0,307	0,002	0,008	0,121	FALSE
-0,025	0,293	-0,001	0,013	0,036	FALSE
0,005	0,300	0,000	0,007	0,015	FALSE

-0,031	0,304	-0,002	0,012	0,067	FALSE
-0,012	0,317	-0,001	0,007	0,033	FALSE
0,133	0,305	0,004	0,007	0,204	FALSE
-0,006	0,308	0,001	0,013	0,015	FALSE
-0,078	0,303	-0,002	0,008	0,087	FALSE
-0,018	0,322	0,000	0,007	0,008	FALSE
-0,072	0,299	-0,001	0,008	0,048	FALSE
0,023	0,312	0,001	0,008	0,043	FALSE
0,068	0,319	0,002	0,008	0,078	FALSE
-0,054	0,310	-0,002	0,007	0,102	FALSE
-0,034	0,302	-0,001	0,007	0,042	FALSE
-0,010	0,303	0,000	0,012	0,003	FALSE
0,071	0,322	0,002	0,008	0,093	FALSE
0,066	0,295	0,002	0,007	0,083	FALSE
0,177	0,305	0,007	0,011	0,270	FALSE
0,039	0,310	0,001	0,009	0,053	FALSE
0,012	0,304	0,000	0,010	0,006	FALSE
0,141	0,299	0,005	0,013	0,153	FALSE
-0,130	0,296	-0,004	0,010	0,155	FALSE
0,035	0,316	0,000	0,010	0,017	FALSE
0,099	0,294	0,002	0,007	0,132	FALSE
-0,025	0,306	-0,001	0,012	0,040	FALSE
0,060	0,323	0,001	0,007	0,071	FALSE
-0,063	0,309	-0,002	0,007	0,095	FALSE
-0,018	0,299	0,001	0,010	0,027	FALSE
-0,107	0,297	-0,004	0,010	0,176	FALSE
-0,057	0,304	-0,002	0,012	0,051	FALSE
0,058	0,316	0,002	0,010	0,078	FALSE
-0,076	0,302	-0,003	0,010	0,116	FALSE
0,001	0,314	0,000	0,009	0,009	FALSE
0,059	0,297	0,002	0,011	0,086	FALSE
-0,040	0,303	-0,001	0,012	0,020	FALSE
-0,049	0,312	-0,001	0,012	0,022	FALSE
0,071	0,289	0,002	0,009	0,091	FALSE
0,057	0,304	0,002	0,012	0,064	FALSE
0,008	0,303	0,000	0,008	0,003	FALSE
-0,042	0,325	-0,001	0,009	0,058	FALSE
0,054	0,314	0,001	0,008	0,063	FALSE
0,125	0,280	0,002	0,006	0,154	FALSE
0,044	0,313	0,001	0,013	0,031	FALSE
-0,013	0,307	0,000	0,008	0,011	FALSE
-0,026	0,285	0,000	0,007	0,024	FALSE
0,083	0,307	0,003	0,010	0,110	FALSE
0,038	0,313	0,001	0,011	0,024	FALSE
0,093	0,308	0,003	0,011	0,106	FALSE
0,061	0,307	0,001	0,007	0,059	FALSE
0,004	0,312	0,001	0,006	0,030	FALSE
0,039	0,307	0,001	0,011	0,039	FALSE
0,139	0,311	0,005	0,013	0,148	FALSE
0,172	0,299	0,006	0,012	0,216	FALSE
-0,076	0,307	-0,002	0,010	0,074	FALSE
-0,077	0,313	-0,002	0,010	0,070	FALSE
0,200	0,291	0,007	0,009	0,333	FALSE

0,068	0,307	0,002	0,013	0,059	FALSE
0,072	0,285	0,003	0,011	0,092	FALSE
0,004	0,325	0,000	0,012	0,002	FALSE
0,207	0,296	0,008	0,010	0,356	FALSE
-0,044	0,306	-0,002	0,011	0,083	FALSE
0,133	0,316	0,006	0,012	0,214	FALSE
0,024	0,310	0,001	0,007	0,032	FALSE
0,043	0,298	0,001	0,008	0,056	FALSE
0,038	0,296	0,002	0,012	0,072	FALSE
-0,032	0,314	-0,001	0,008	0,038	FALSE
-0,022	0,321	0,000	0,011	0,007	FALSE
0,010	0,313	0,000	0,007	0,006	FALSE
0,032	0,303	0,001	0,007	0,029	FALSE
0,060	0,302	0,001	0,010	0,047	FALSE
0,144	0,300	0,004	0,008	0,222	FALSE
-0,065	0,311	-0,002	0,007	0,096	FALSE
0,088	0,293	0,002	0,007	0,107	FALSE
-0,158	0,334	-0,005	0,010	0,209	FALSE
0,061	0,303	0,001	0,008	0,051	FALSE
0,100	0,315	0,002	0,007	0,122	FALSE
0,083	0,295	0,003	0,010	0,093	FALSE
-0,043	0,298	0,000	0,007	0,021	FALSE
0,121	0,292	0,003	0,007	0,179	FALSE
0,035	0,310	0,001	0,012	0,029	FALSE
-0,081	0,318	-0,003	0,010	0,115	FALSE
0,092	0,316	0,002	0,007	0,127	FALSE
-0,014	0,320	-0,001	0,011	0,029	FALSE
0,015	0,309	0,000	0,010	0,003	FALSE
0,138	0,302	0,004	0,010	0,174	FALSE
-0,127	0,314	-0,004	0,010	0,182	FALSE
-0,018	0,323	0,000	0,012	0,001	FALSE
0,056	0,306	0,002	0,010	0,061	FALSE
0,067	0,317	0,002	0,010	0,073	FALSE
0,057	0,301	0,001	0,006	0,079	FALSE
-0,061	0,321	-0,001	0,007	0,069	FALSE
0,043	0,306	0,001	0,007	0,048	FALSE
-0,050	0,305	-0,001	0,008	0,050	FALSE
0,017	0,308	0,000	0,007	0,002	FALSE
0,094	0,315	0,004	0,013	0,135	FALSE
0,029	0,307	0,001	0,007	0,045	FALSE
0,050	0,310	0,001	0,007	0,050	FALSE
-0,048	0,294	-0,001	0,008	0,070	FALSE
0,014	0,327	0,000	0,013	0,012	FALSE
-0,055	0,318	-0,001	0,010	0,046	FALSE
-0,012	0,308	-0,001	0,009	0,035	FALSE
-0,082	0,309	-0,001	0,007	0,077	FALSE
-0,022	0,325	-0,001	0,012	0,026	FALSE
0,076	0,318	0,003	0,010	0,118	FALSE
-0,019	0,308	0,000	0,006	0,015	FALSE
0,016	0,311	0,001	0,010	0,047	FALSE
-0,009	0,305	0,000	0,011	0,003	FALSE
-0,003	0,308	0,000	0,012	0,008	FALSE
0,066	0,318	0,002	0,007	0,091	FALSE

0,061	0,306	0,001	0,007	0,082	FALSE
-0,196	0,296	-0,006	0,010	0,285	FALSE
-0,139	0,305	-0,003	0,007	0,197	FALSE
-0,119	0,314	-0,002	0,007	0,141	FALSE
-0,042	0,309	-0,002	0,010	0,054	FALSE
-0,014	0,306	0,000	0,008	0,015	FALSE
0,042	0,301	0,002	0,009	0,087	FALSE
-0,093	0,303	-0,004	0,012	0,136	FALSE
-0,102	0,297	-0,004	0,010	0,142	FALSE
0,162	0,298	0,005	0,009	0,246	FALSE
0,145	0,309	0,006	0,013	0,193	FALSE
0,173	0,296	0,006	0,011	0,249	FALSE
-0,002	0,309	0,000	0,010	0,009	FALSE
0,014	0,301	0,001	0,009	0,029	FALSE
0,037	0,312	0,001	0,009	0,032	FALSE
-0,060	0,307	-0,001	0,010	0,053	FALSE
-0,079	0,308	-0,003	0,010	0,104	FALSE
-0,022	0,305	-0,002	0,012	0,047	FALSE
-0,140	0,302	-0,004	0,009	0,180	FALSE
0,074	0,314	0,003	0,013	0,102	FALSE
-0,109	0,308	-0,003	0,009	0,143	FALSE
0,053	0,296	0,002	0,009	0,091	FALSE
-0,062	0,311	-0,001	0,008	0,062	FALSE
-0,013	0,301	-0,001	0,012	0,031	FALSE
-0,003	0,302	0,000	0,010	0,006	FALSE
0,010	0,307	0,000	0,010	0,006	FALSE
0,051	0,306	0,003	0,011	0,086	FALSE
0,049	0,292	0,002	0,007	0,114	FALSE
-0,012	0,300	0,000	0,010	0,016	FALSE
0,052	0,303	0,002	0,007	0,108	FALSE
-0,093	0,311	-0,003	0,011	0,103	FALSE
0,076	0,307	0,002	0,006	0,107	FALSE
0,161	0,309	0,005	0,010	0,228	FALSE
-0,020	0,311	0,000	0,007	0,012	FALSE
0,003	0,321	0,000	0,008	0,003	FALSE
0,089	0,302	0,003	0,008	0,124	FALSE
0,011	0,301	0,000	0,011	0,004	FALSE
0,030	0,303	0,000	0,012	0,013	FALSE
0,030	0,321	0,001	0,012	0,028	FALSE
0,037	0,306	0,001	0,011	0,026	FALSE
-0,015	0,313	-0,002	0,013	0,043	FALSE
-0,014	0,293	-0,001	0,011	0,021	FALSE
-0,024	0,303	-0,001	0,011	0,029	FALSE
0,082	0,318	0,003	0,012	0,105	FALSE
-0,005	0,311	-0,001	0,012	0,032	FALSE
0,007	0,301	-0,001	0,012	0,016	FALSE
0,078	0,305	0,002	0,007	0,105	FALSE
0,118	0,303	0,003	0,007	0,169	FALSE
-0,007	0,316	0,000	0,009	0,001	FALSE
-0,064	0,311	-0,002	0,013	0,071	FALSE
-0,085	0,302	-0,003	0,011	0,089	FALSE
-0,066	0,302	-0,003	0,012	0,079	FALSE
-0,048	0,298	-0,003	0,011	0,106	FALSE

-0,022	0,303	-0,002	0,012	0,048	FALSE
0,069	0,302	0,002	0,007	0,128	FALSE
0,022	0,306	0,001	0,009	0,045	FALSE
0,017	0,304	0,001	0,010	0,048	FALSE
-0,049	0,298	-0,002	0,012	0,053	FALSE
0,035	0,316	0,001	0,006	0,041	FALSE
0,022	0,305	0,001	0,007	0,032	FALSE
0,066	0,320	0,002	0,013	0,051	FALSE
-0,059	0,322	-0,001	0,009	0,060	FALSE
0,001	0,324	0,000	0,012	0,009	FALSE
0,015	0,309	0,001	0,009	0,038	FALSE
-0,006	0,305	0,000	0,009	0,016	FALSE
-0,048	0,324	-0,001	0,007	0,048	FALSE
-0,032	0,305	-0,002	0,013	0,057	FALSE
0,015	0,310	0,001	0,009	0,026	FALSE
0,090	0,295	0,004	0,009	0,157	FALSE
-0,105	0,305	-0,004	0,011	0,148	FALSE
-0,021	0,304	0,000	0,007	0,004	FALSE
-0,065	0,310	-0,002	0,012	0,070	FALSE
0,043	0,312	0,001	0,009	0,025	FALSE
0,034	0,314	0,001	0,008	0,064	FALSE
-0,014	0,303	0,000	0,006	0,016	FALSE
-0,050	0,294	-0,001	0,011	0,044	FALSE
-0,059	0,325	-0,003	0,012	0,090	FALSE
-0,004	0,309	0,000	0,012	0,013	FALSE
0,165	0,303	0,005	0,009	0,226	FALSE
0,063	0,306	0,002	0,011	0,087	FALSE
0,132	0,305	0,003	0,007	0,188	FALSE
-0,155	0,304	-0,005	0,011	0,191	FALSE
-0,150	0,303	-0,004	0,008	0,193	FALSE
0,024	0,303	0,001	0,012	0,029	FALSE
0,081	0,304	0,002	0,009	0,105	FALSE
-0,127	0,312	-0,004	0,010	0,174	FALSE
-0,089	0,308	-0,002	0,009	0,103	FALSE
-0,083	0,310	-0,003	0,010	0,097	FALSE
0,096	0,302	0,004	0,012	0,122	FALSE
0,073	0,302	0,002	0,009	0,066	FALSE
-0,010	0,299	0,000	0,010	0,000	FALSE
-0,028	0,318	-0,001	0,013	0,032	FALSE
0,031	0,293	0,001	0,009	0,039	FALSE
0,007	0,319	0,001	0,013	0,018	FALSE
0,047	0,315	0,001	0,007	0,069	FALSE
0,005	0,330	0,001	0,013	0,017	FALSE
-0,026	0,312	-0,001	0,013	0,022	FALSE
-0,007	0,291	0,000	0,009	0,008	FALSE
-0,002	0,313	0,000	0,010	0,001	FALSE
-0,049	0,322	-0,002	0,009	0,075	FALSE
0,052	0,303	0,002	0,008	0,080	FALSE
-0,075	0,309	-0,003	0,011	0,101	FALSE
0,092	0,308	0,002	0,006	0,102	FALSE
0,131	0,303	0,004	0,011	0,151	FALSE
-0,081	0,302	-0,002	0,006	0,122	FALSE
0,063	0,307	0,002	0,012	0,071	FALSE

-0,068	0,295	-0,002	0,007	0,104	FALSE
0,106	0,305	0,003	0,007	0,141	FALSE
0,015	0,302	0,001	0,013	0,016	FALSE
0,058	0,303	0,002	0,012	0,059	FALSE
0,175	0,293	0,007	0,012	0,251	FALSE
0,098	0,302	0,003	0,010	0,108	FALSE
-0,022	0,306	-0,002	0,012	0,045	FALSE
-0,002	0,313	-0,001	0,012	0,022	FALSE
-0,088	0,310	-0,002	0,007	0,095	FALSE
0,003	0,312	-0,001	0,012	0,016	FALSE
-0,011	0,311	0,001	0,013	0,017	FALSE
-0,062	0,297	-0,002	0,008	0,089	FALSE
0,145	0,293	0,004	0,009	0,197	FALSE
0,036	0,312	0,001	0,010	0,046	FALSE
0,055	0,327	0,002	0,011	0,072	FALSE
0,020	0,318	0,001	0,012	0,030	FALSE
0,076	0,313	0,004	0,013	0,130	FALSE
0,004	0,319	0,000	0,010	0,003	FALSE
0,052	0,307	0,001	0,006	0,088	FALSE
0,039	0,314	0,001	0,012	0,031	FALSE
-0,015	0,312	-0,001	0,011	0,035	FALSE
-0,004	0,307	-0,001	0,011	0,018	FALSE
-0,007	0,307	0,000	0,007	0,019	FALSE
-0,019	0,317	0,000	0,008	0,023	FALSE
0,077	0,304	0,003	0,011	0,088	FALSE
-0,148	0,285	-0,004	0,008	0,217	FALSE
-0,003	0,314	0,000	0,007	0,019	FALSE
0,056	0,301	0,001	0,008	0,056	FALSE
0,057	0,309	0,001	0,007	0,056	FALSE
0,018	0,303	0,001	0,007	0,048	FALSE
0,041	0,309	0,001	0,007	0,076	FALSE
0,014	0,306	0,000	0,006	0,006	FALSE
0,005	0,309	-0,001	0,011	0,018	FALSE
-0,014	0,302	-0,001	0,012	0,029	FALSE
0,019	0,304	0,000	0,007	0,026	FALSE
0,051	0,304	0,002	0,011	0,060	FALSE
0,114	0,311	0,003	0,008	0,145	FALSE
0,104	0,311	0,003	0,008	0,133	FALSE
-0,023	0,297	-0,001	0,010	0,019	FALSE
0,051	0,320	0,002	0,010	0,082	FALSE
-0,074	0,302	-0,001	0,008	0,055	FALSE
0,075	0,296	0,003	0,010	0,123	FALSE
0,040	0,317	0,002	0,013	0,047	FALSE
0,048	0,319	0,002	0,011	0,052	FALSE
0,025	0,312	0,001	0,009	0,039	FALSE
-0,083	0,292	-0,002	0,006	0,120	FALSE
-0,068	0,296	-0,003	0,012	0,092	FALSE
-0,017	0,309	0,000	0,012	0,010	FALSE
0,122	0,304	0,005	0,011	0,166	FALSE
0,121	0,292	0,005	0,011	0,169	FALSE
0,099	0,300	0,004	0,011	0,124	FALSE
0,078	0,304	0,003	0,009	0,108	FALSE
-0,012	0,323	0,000	0,013	0,010	FALSE

0,139	0,301	0,004	0,008	0,208	FALSE
0,025	0,300	0,001	0,010	0,046	FALSE
0,033	0,293	0,001	0,011	0,023	FALSE
-0,055	0,318	-0,001	0,008	0,065	FALSE
0,102	0,301	0,003	0,006	0,177	FALSE
-0,067	0,308	-0,002	0,009	0,091	FALSE
0,018	0,319	0,001	0,011	0,032	FALSE
-0,168	0,294	-0,007	0,013	0,255	FALSE
-0,109	0,305	-0,005	0,012	0,153	FALSE
-0,008	0,303	0,000	0,007	0,016	FALSE
0,059	0,301	0,001	0,008	0,035	FALSE
-0,040	0,294	-0,001	0,009	0,062	FALSE
-0,039	0,310	-0,001	0,007	0,029	FALSE
0,099	0,298	0,003	0,009	0,140	FALSE
0,093	0,294	0,003	0,009	0,135	FALSE
-0,085	0,306	-0,002	0,008	0,073	FALSE
-0,039	0,306	-0,002	0,012	0,059	FALSE
0,070	0,308	0,002	0,007	0,095	FALSE
-0,041	0,306	-0,001	0,009	0,052	FALSE
-0,030	0,304	-0,001	0,010	0,045	FALSE
0,097	0,297	0,002	0,006	0,123	FALSE
-0,051	0,297	-0,002	0,011	0,081	FALSE
0,017	0,297	0,001	0,009	0,033	FALSE
0,125	0,305	0,006	0,013	0,179	FALSE
0,130	0,306	0,006	0,013	0,176	FALSE
0,153	0,304	0,007	0,013	0,236	FALSE
0,071	0,312	0,002	0,012	0,070	FALSE
0,081	0,321	0,003	0,012	0,093	FALSE
0,106	0,322	0,004	0,012	0,130	FALSE
-0,111	0,307	-0,006	0,013	0,187	FALSE
0,016	0,309	0,001	0,007	0,051	FALSE
-0,053	0,311	-0,002	0,009	0,064	FALSE
-0,075	0,298	-0,002	0,008	0,085	FALSE
-0,088	0,300	-0,002	0,008	0,099	FALSE
-0,069	0,303	-0,002	0,011	0,085	FALSE
-0,014	0,298	0,000	0,008	0,020	FALSE
0,014	0,302	0,000	0,008	0,019	FALSE
0,081	0,303	0,003	0,013	0,093	FALSE
0,067	0,309	0,002	0,012	0,075	FALSE
-0,102	0,300	-0,003	0,007	0,145	FALSE
0,146	0,302	0,005	0,012	0,181	FALSE
0,121	0,302	0,003	0,007	0,158	FALSE
-0,117	0,316	-0,003	0,007	0,163	FALSE
0,059	0,328	0,003	0,013	0,086	FALSE
-0,002	0,306	0,000	0,011	0,004	FALSE
0,064	0,310	0,002	0,012	0,065	FALSE
0,006	0,301	0,001	0,006	0,042	FALSE
-0,010	0,311	0,000	0,010	0,001	FALSE
-0,047	0,306	-0,001	0,012	0,040	FALSE
0,053	0,301	0,001	0,007	0,070	FALSE
-0,009	0,317	0,000	0,013	0,001	FALSE
0,024	0,317	0,001	0,013	0,023	FALSE
0,054	0,300	0,002	0,013	0,063	FALSE

0,032	0,302	0,001	0,012	0,042	FALSE
0,119	0,303	0,004	0,012	0,121	FALSE
0,124	0,314	0,004	0,013	0,131	FALSE
-0,101	0,310	-0,002	0,007	0,105	FALSE
0,012	0,292	0,000	0,007	0,004	FALSE
-0,013	0,294	0,000	0,011	0,012	FALSE
0,015	0,301	0,001	0,012	0,024	FALSE
-0,009	0,319	0,000	0,012	0,001	FALSE
-0,038	0,300	-0,001	0,011	0,050	FALSE
0,005	0,296	0,000	0,011	0,002	FALSE
-0,014	0,322	0,000	0,012	0,014	FALSE
-0,013	0,304	-0,001	0,013	0,030	FALSE
0,107	0,291	0,003	0,008	0,187	FALSE
0,125	0,304	0,005	0,012	0,155	FALSE
-0,028	0,315	-0,002	0,013	0,047	FALSE
0,109	0,304	0,003	0,008	0,146	FALSE
0,059	0,309	0,003	0,011	0,091	FALSE
0,055	0,315	0,002	0,011	0,079	FALSE
0,006	0,298	0,000	0,010	0,012	FALSE
-0,127	0,301	-0,005	0,011	0,209	FALSE
0,079	0,306	0,002	0,009	0,082	FALSE
-0,025	0,315	-0,001	0,010	0,020	FALSE
0,051	0,299	0,002	0,010	0,057	FALSE
0,001	0,315	0,001	0,007	0,045	FALSE
-0,150	0,316	-0,006	0,013	0,192	FALSE
-0,125	0,298	-0,005	0,013	0,171	FALSE
0,007	0,319	0,000	0,007	0,008	FALSE
0,056	0,305	0,002	0,012	0,061	FALSE
0,083	0,328	0,003	0,010	0,099	FALSE
-0,143	0,308	-0,005	0,012	0,175	FALSE
0,048	0,301	0,001	0,008	0,068	FALSE
0,019	0,309	0,001	0,009	0,034	FALSE
-0,156	0,292	-0,005	0,009	0,263	FALSE
-0,041	0,317	-0,001	0,012	0,025	FALSE
-0,125	0,296	-0,003	0,007	0,182	FALSE
-0,063	0,282	-0,002	0,008	0,090	FALSE
-0,080	0,310	-0,002	0,008	0,097	FALSE
-0,016	0,298	-0,001	0,010	0,040	FALSE
0,003	0,307	0,000	0,009	0,016	FALSE
-0,038	0,294	-0,001	0,009	0,054	FALSE
0,024	0,311	0,001	0,008	0,044	FALSE
-0,028	0,300	-0,001	0,007	0,042	FALSE
0,036	0,295	0,002	0,011	0,059	FALSE
0,081	0,315	0,004	0,013	0,108	FALSE
-0,001	0,306	0,000	0,008	0,020	FALSE
-0,008	0,323	0,000	0,008	0,009	FALSE
0,175	0,302	0,005	0,008	0,248	FALSE
0,049	0,304	0,002	0,007	0,088	FALSE
-0,136	0,308	-0,004	0,009	0,193	FALSE
0,008	0,309	0,000	0,008	0,012	FALSE
0,154	0,307	0,006	0,011	0,240	FALSE
0,052	0,298	0,002	0,010	0,056	FALSE
0,036	0,294	0,001	0,009	0,029	FALSE

-0,034	0,309	-0,002	0,012	0,049	FALSE
-0,121	0,304	-0,007	0,012	0,229	FALSE
-0,148	0,324	-0,007	0,013	0,240	FALSE
-0,124	0,304	-0,006	0,013	0,210	FALSE
-0,098	0,312	-0,005	0,012	0,169	FALSE
0,163	0,309	0,004	0,007	0,230	FALSE
0,180	0,300	0,004	0,007	0,266	FALSE
-0,042	0,290	-0,001	0,012	0,015	FALSE
0,024	0,311	0,001	0,007	0,043	FALSE
0,118	0,310	0,005	0,012	0,168	FALSE
-0,043	0,295	0,000	0,009	0,010	FALSE
-0,153	0,316	-0,003	0,007	0,195	FALSE
0,020	0,323	0,001	0,008	0,038	FALSE
0,130	0,300	0,004	0,008	0,195	FALSE
0,018	0,305	0,001	0,010	0,039	FALSE
-0,032	0,302	0,000	0,006	0,011	FALSE
0,004	0,310	0,000	0,011	0,001	FALSE
-0,086	0,320	-0,002	0,008	0,114	FALSE
0,093	0,313	0,002	0,009	0,093	FALSE
0,126	0,299	0,003	0,009	0,152	FALSE
0,020	0,319	0,001	0,008	0,026	FALSE
0,042	0,316	0,001	0,007	0,059	FALSE
-0,011	0,317	0,000	0,010	0,012	FALSE
0,070	0,299	0,002	0,008	0,119	FALSE
0,012	0,313	0,001	0,007	0,035	FALSE
-0,161	0,312	-0,007	0,011	0,253	FALSE
0,059	0,308	0,001	0,007	0,059	FALSE
0,008	0,310	0,001	0,009	0,028	FALSE
-0,057	0,290	-0,002	0,007	0,092	FALSE
-0,005	0,297	0,000	0,011	0,001	FALSE
0,093	0,306	0,002	0,007	0,136	FALSE
-0,096	0,294	-0,005	0,011	0,162	FALSE
0,032	0,322	0,001	0,009	0,042	FALSE
0,009	0,314	0,000	0,013	0,003	FALSE
-0,076	0,309	-0,004	0,013	0,125	FALSE
-0,113	0,308	-0,003	0,009	0,123	FALSE
-0,103	0,298	-0,005	0,011	0,181	FALSE
0,028	0,314	0,001	0,007	0,039	FALSE
-0,031	0,299	-0,001	0,010	0,034	FALSE
-0,033	0,305	-0,002	0,012	0,055	FALSE
0,057	0,298	0,002	0,012	0,067	FALSE
-0,151	0,294	-0,007	0,012	0,226	FALSE
0,092	0,298	0,004	0,011	0,135	FALSE
0,035	0,292	0,001	0,008	0,037	FALSE
-0,004	0,309	0,000	0,010	0,010	FALSE
-0,061	0,310	-0,002	0,010	0,100	FALSE
0,002	0,311	0,001	0,011	0,022	FALSE
0,036	0,301	0,001	0,009	0,054	FALSE
-0,023	0,313	-0,001	0,007	0,055	FALSE
-0,015	0,314	0,000	0,008	0,004	FALSE
-0,028	0,309	-0,001	0,007	0,065	FALSE
0,130	0,298	0,003	0,007	0,186	FALSE
0,220	0,288	0,009	0,013	0,321	FALSE

-0,090	0,307	-0,002	0,007	0,089	FALSE
-0,072	0,317	-0,001	0,006	0,076	FALSE
0,049	0,302	0,002	0,010	0,055	FALSE
0,032	0,307	0,000	0,010	0,002	FALSE
-0,242	0,289	-0,010	0,013	0,352	FALSE
0,143	0,303	0,005	0,013	0,159	FALSE
0,006	0,306	0,000	0,009	0,017	FALSE
0,092	0,286	0,002	0,007	0,122	FALSE
-0,049	0,310	-0,001	0,007	0,034	FALSE
0,134	0,318	0,002	0,007	0,136	FALSE
-0,156	0,317	-0,004	0,007	0,215	FALSE
-0,001	0,325	0,000	0,008	0,008	FALSE
0,016	0,303	0,001	0,012	0,042	FALSE
0,023	0,304	0,000	0,006	0,015	FALSE
0,069	0,301	0,002	0,008	0,110	FALSE
-0,060	0,310	-0,002	0,010	0,067	FALSE
-0,004	0,308	-0,001	0,012	0,020	FALSE
0,060	0,304	0,001	0,007	0,061	FALSE
0,001	0,305	0,000	0,009	0,014	FALSE
-0,082	0,298	-0,002	0,008	0,112	FALSE
-0,018	0,317	-0,001	0,012	0,029	FALSE
0,110	0,317	0,003	0,007	0,161	FALSE
-0,051	0,298	-0,001	0,008	0,051	FALSE
0,034	0,308	0,001	0,012	0,033	FALSE
0,041	0,298	0,002	0,012	0,048	FALSE
-0,122	0,304	-0,003	0,007	0,168	FALSE
-0,116	0,300	-0,002	0,007	0,138	FALSE
-0,086	0,303	-0,003	0,010	0,113	FALSE
-0,208	0,305	-0,006	0,010	0,284	FALSE
0,055	0,299	0,001	0,007	0,074	FALSE
0,153	0,296	0,006	0,013	0,204	FALSE
-0,047	0,310	-0,001	0,008	0,069	FALSE
0,093	0,317	0,004	0,012	0,122	FALSE
0,104	0,306	0,005	0,012	0,158	FALSE
0,063	0,326	0,003	0,013	0,082	FALSE
-0,033	0,296	-0,001	0,012	0,036	FALSE
-0,053	0,316	-0,001	0,007	0,065	FALSE
-0,053	0,311	-0,001	0,008	0,061	FALSE
-0,081	0,305	-0,002	0,007	0,114	FALSE
-0,092	0,318	-0,003	0,010	0,121	FALSE
-0,015	0,308	0,000	0,007	0,010	FALSE
0,012	0,305	0,000	0,007	0,005	FALSE
-0,066	0,321	-0,002	0,011	0,072	FALSE
0,115	0,307	0,005	0,011	0,172	FALSE
-0,068	0,320	-0,001	0,006	0,079	FALSE
0,115	0,311	0,006	0,013	0,183	FALSE
0,123	0,295	0,006	0,012	0,186	FALSE
-0,022	0,310	-0,001	0,007	0,046	FALSE
-0,061	0,300	-0,001	0,007	0,074	FALSE
0,043	0,308	0,002	0,009	0,083	FALSE
-0,012	0,316	0,000	0,008	0,010	FALSE
0,024	0,311	0,001	0,011	0,035	FALSE
-0,002	0,294	0,000	0,012	0,007	FALSE

0,023	0,305	0,001	0,013	0,032	FALSE
0,039	0,291	0,002	0,012	0,050	FALSE
-0,057	0,299	-0,002	0,011	0,074	FALSE
0,076	0,312	0,003	0,013	0,093	FALSE
-0,048	0,304	-0,002	0,009	0,079	FALSE
0,009	0,293	0,000	0,007	0,012	FALSE
0,014	0,311	0,000	0,007	0,009	FALSE
0,025	0,304	0,001	0,011	0,034	FALSE
-0,109	0,285	-0,004	0,008	0,177	FALSE
-0,055	0,300	-0,002	0,012	0,055	FALSE
-0,022	0,311	0,000	0,007	0,017	FALSE
-0,049	0,302	-0,001	0,012	0,043	FALSE
-0,082	0,321	-0,003	0,012	0,090	FALSE
0,097	0,321	0,004	0,012	0,118	FALSE
-0,024	0,312	-0,001	0,009	0,025	FALSE
-0,020	0,306	0,000	0,009	0,016	FALSE
-0,058	0,294	-0,001	0,008	0,058	FALSE
0,061	0,298	0,002	0,009	0,068	FALSE
0,043	0,305	0,002	0,011	0,050	FALSE
-0,015	0,299	-0,001	0,013	0,021	FALSE
-0,115	0,302	-0,006	0,011	0,209	FALSE
-0,012	0,298	0,000	0,010	0,016	FALSE
-0,042	0,314	-0,002	0,012	0,075	FALSE
-0,115	0,324	-0,003	0,010	0,129	FALSE
0,007	0,317	0,000	0,012	0,001	FALSE
-0,100	0,316	-0,002	0,009	0,104	FALSE
0,038	0,325	0,001	0,008	0,041	FALSE
-0,096	0,302	-0,005	0,011	0,188	FALSE
0,031	0,305	0,002	0,012	0,052	FALSE
-0,091	0,314	-0,005	0,013	0,156	FALSE
-0,162	0,304	-0,004	0,009	0,216	FALSE
0,043	0,321	0,001	0,010	0,044	FALSE
0,071	0,313	0,002	0,008	0,099	FALSE
-0,024	0,302	0,000	0,009	0,015	FALSE
-0,021	0,300	0,000	0,012	0,001	FALSE
0,062	0,307	0,003	0,013	0,105	FALSE
0,009	0,300	0,001	0,007	0,041	FALSE
0,039	0,297	0,001	0,007	0,037	FALSE
-0,217	0,287	-0,008	0,013	0,289	FALSE
0,045	0,308	0,003	0,011	0,094	FALSE
0,072	0,288	0,003	0,010	0,130	FALSE
0,007	0,310	0,001	0,006	0,030	FALSE
0,066	0,298	0,001	0,007	0,064	FALSE
0,085	0,309	0,002	0,008	0,088	FALSE
0,060	0,312	0,002	0,010	0,080	FALSE
-0,063	0,308	-0,001	0,006	0,049	FALSE
-0,056	0,305	-0,001	0,010	0,038	FALSE
0,034	0,297	0,001	0,007	0,039	FALSE
0,123	0,291	0,003	0,007	0,176	FALSE
-0,012	0,295	-0,001	0,007	0,024	FALSE
-0,052	0,308	-0,002	0,010	0,060	FALSE
-0,013	0,312	-0,001	0,010	0,024	FALSE
0,056	0,304	0,002	0,010	0,090	FALSE

0,045	0,303	0,001	0,009	0,049	FALSE
-0,029	0,313	-0,001	0,009	0,046	FALSE
0,009	0,291	0,000	0,011	0,003	FALSE
-0,031	0,308	-0,001	0,008	0,050	FALSE
-0,029	0,308	-0,001	0,012	0,022	FALSE
-0,018	0,315	-0,001	0,007	0,031	FALSE
0,042	0,313	0,001	0,008	0,043	FALSE
0,028	0,322	0,002	0,012	0,053	FALSE
0,115	0,315	0,003	0,008	0,170	FALSE
-0,047	0,312	-0,002	0,008	0,075	FALSE
0,003	0,294	0,000	0,011	0,009	FALSE
-0,081	0,307	-0,002	0,013	0,072	FALSE
-0,133	0,304	-0,003	0,008	0,187	FALSE
-0,114	0,313	-0,003	0,010	0,113	FALSE
-0,056	0,317	-0,001	0,007	0,066	FALSE
0,059	0,301	0,002	0,010	0,059	FALSE
-0,002	0,312	0,000	0,013	0,000	FALSE
0,029	0,297	0,001	0,008	0,033	FALSE
0,025	0,307	0,001	0,008	0,039	FALSE
-0,114	0,299	-0,004	0,012	0,134	FALSE
-0,104	0,309	-0,002	0,007	0,132	FALSE
-0,050	0,318	-0,001	0,010	0,047	FALSE
-0,088	0,310	-0,003	0,007	0,144	FALSE
-0,038	0,298	-0,001	0,008	0,043	FALSE
-0,148	0,281	-0,005	0,009	0,248	FALSE
0,080	0,304	0,002	0,006	0,113	FALSE
-0,090	0,305	-0,002	0,011	0,089	FALSE
-0,016	0,307	0,000	0,012	0,008	FALSE
-0,085	0,311	-0,004	0,013	0,135	FALSE
-0,059	0,297	-0,001	0,009	0,062	FALSE
0,027	0,296	0,002	0,012	0,059	FALSE
0,076	0,305	0,003	0,008	0,131	FALSE
0,024	0,313	0,001	0,009	0,025	FALSE
0,053	0,313	0,001	0,009	0,055	FALSE
0,019	0,322	0,000	0,011	0,014	FALSE
0,037	0,318	0,001	0,009	0,053	FALSE
0,073	0,302	0,002	0,006	0,098	FALSE
-0,053	0,315	-0,001	0,007	0,069	FALSE
0,061	0,315	0,002	0,008	0,076	FALSE
0,083	0,286	0,003	0,007	0,139	FALSE
0,089	0,306	0,004	0,012	0,114	FALSE
0,036	0,303	0,000	0,007	0,026	FALSE
0,014	0,317	0,001	0,012	0,038	FALSE
0,036	0,319	0,001	0,011	0,042	FALSE
0,077	0,315	0,003	0,010	0,103	FALSE
-0,034	0,309	-0,001	0,007	0,042	FALSE
0,148	0,318	0,004	0,008	0,213	FALSE
-0,176	0,286	-0,007	0,010	0,284	FALSE
-0,146	0,311	-0,006	0,011	0,206	FALSE
0,077	0,300	0,004	0,013	0,123	FALSE
-0,016	0,318	-0,001	0,009	0,025	FALSE
0,141	0,305	0,004	0,008	0,229	FALSE
-0,077	0,303	-0,002	0,009	0,091	FALSE

-0,006	0,298	0,000	0,007	0,003	FALSE
-0,039	0,311	-0,001	0,012	0,043	FALSE
0,075	0,298	0,001	0,006	0,074	FALSE
-0,177	0,312	-0,004	0,009	0,219	FALSE
0,137	0,299	0,004	0,009	0,154	FALSE
-0,024	0,306	-0,001	0,011	0,036	FALSE
0,088	0,293	0,003	0,012	0,097	FALSE
0,013	0,311	0,000	0,010	0,014	FALSE
0,134	0,306	0,003	0,006	0,192	FALSE
-0,097	0,289	-0,003	0,010	0,112	FALSE
-0,024	0,301	-0,001	0,008	0,029	FALSE
0,070	0,309	0,002	0,009	0,069	FALSE
0,026	0,306	0,000	0,012	0,008	FALSE
-0,017	0,303	0,000	0,006	0,018	FALSE
0,090	0,294	0,002	0,006	0,123	FALSE
-0,117	0,313	-0,004	0,012	0,141	FALSE
0,175	0,299	0,007	0,011	0,264	FALSE
-0,010	0,304	0,000	0,007	0,019	FALSE
-0,033	0,314	-0,001	0,008	0,039	FALSE
-0,033	0,302	-0,001	0,008	0,032	FALSE
-0,040	0,306	-0,001	0,007	0,029	FALSE
-0,023	0,310	0,000	0,007	0,010	FALSE
0,048	0,306	0,001	0,011	0,034	FALSE
-0,016	0,310	-0,001	0,011	0,023	FALSE
0,023	0,302	0,001	0,008	0,030	FALSE
-0,050	0,302	-0,002	0,010	0,064	FALSE
0,056	0,317	0,002	0,009	0,081	FALSE
-0,011	0,312	0,000	0,007	0,007	FALSE
0,084	0,301	0,002	0,010	0,081	FALSE
0,139	0,300	0,003	0,006	0,213	FALSE
-0,061	0,310	-0,003	0,013	0,074	FALSE
-0,039	0,302	-0,002	0,013	0,056	FALSE
0,033	0,304	0,002	0,013	0,059	FALSE
-0,069	0,294	-0,003	0,008	0,126	FALSE
0,088	0,308	0,002	0,006	0,106	FALSE
-0,136	0,303	-0,004	0,009	0,204	FALSE
-0,130	0,288	-0,004	0,009	0,205	FALSE
-0,087	0,307	-0,004	0,013	0,130	FALSE
0,011	0,312	0,001	0,007	0,031	FALSE
0,015	0,295	0,000	0,007	0,007	FALSE
-0,038	0,309	-0,001	0,007	0,044	FALSE
0,066	0,297	0,001	0,006	0,090	FALSE
-0,052	0,313	-0,002	0,009	0,083	FALSE
-0,031	0,320	-0,001	0,007	0,037	FALSE
-0,071	0,308	-0,002	0,008	0,098	FALSE
-0,085	0,321	-0,002	0,008	0,097	FALSE
-0,095	0,311	-0,004	0,011	0,131	FALSE
0,086	0,294	0,003	0,007	0,141	FALSE
-0,065	0,322	-0,001	0,006	0,064	FALSE
-0,065	0,309	-0,002	0,007	0,100	FALSE
0,018	0,307	0,001	0,007	0,034	FALSE
0,064	0,315	0,002	0,009	0,083	FALSE
-0,021	0,307	0,000	0,008	0,002	FALSE

0,076	0,298	0,002	0,011	0,081	FALSE
-0,030	0,284	-0,001	0,010	0,039	FALSE
0,017	0,293	0,001	0,011	0,039	FALSE
0,010	0,311	0,001	0,007	0,031	FALSE
0,066	0,291	0,003	0,012	0,093	FALSE
0,000	0,301	0,000	0,010	0,004	FALSE
-0,172	0,310	-0,006	0,011	0,247	FALSE
0,146	0,303	0,003	0,007	0,179	FALSE
-0,099	0,310	-0,002	0,008	0,114	FALSE
-0,009	0,304	-0,001	0,013	0,014	FALSE
-0,079	0,297	-0,002	0,009	0,089	FALSE
-0,140	0,306	-0,005	0,011	0,210	FALSE
-0,122	0,303	-0,005	0,011	0,197	FALSE
-0,018	0,327	-0,001	0,010	0,031	FALSE
-0,129	0,310	-0,003	0,007	0,157	FALSE
0,015	0,311	0,002	0,011	0,050	FALSE
-0,005	0,312	0,001	0,011	0,023	FALSE
0,010	0,312	0,001	0,012	0,036	FALSE
0,032	0,312	0,001	0,012	0,036	FALSE
-0,023	0,303	0,000	0,007	0,018	FALSE
-0,014	0,316	-0,001	0,012	0,033	FALSE
0,128	0,292	0,003	0,008	0,177	FALSE
-0,022	0,292	-0,001	0,012	0,039	FALSE
-0,047	0,306	-0,001	0,007	0,069	FALSE
0,028	0,302	0,001	0,007	0,032	FALSE
-0,109	0,300	-0,003	0,007	0,150	FALSE
-0,009	0,296	0,001	0,012	0,016	FALSE
-0,010	0,307	-0,001	0,009	0,053	FALSE
-0,009	0,311	-0,001	0,009	0,039	FALSE
-0,117	0,308	-0,005	0,012	0,167	FALSE
-0,007	0,287	0,000	0,011	0,011	FALSE
0,004	0,294	0,001	0,011	0,028	FALSE
-0,042	0,296	-0,003	0,013	0,092	FALSE
0,010	0,303	0,000	0,010	0,003	FALSE
0,092	0,303	0,002	0,007	0,127	FALSE
0,020	0,301	0,001	0,008	0,041	FALSE
-0,061	0,308	-0,001	0,009	0,048	FALSE
-0,102	0,311	-0,003	0,007	0,154	FALSE
0,105	0,299	0,004	0,012	0,144	FALSE
0,096	0,304	0,004	0,013	0,123	FALSE
0,065	0,298	0,002	0,011	0,063	FALSE
-0,037	0,315	-0,002	0,013	0,043	FALSE
-0,121	0,309	-0,003	0,007	0,158	FALSE
0,004	0,303	0,000	0,010	0,008	FALSE
-0,020	0,308	-0,001	0,007	0,037	FALSE
-0,012	0,307	-0,001	0,008	0,027	FALSE
-0,027	0,305	-0,001	0,008	0,032	FALSE
0,032	0,305	0,001	0,006	0,037	FALSE
-0,007	0,307	0,000	0,008	0,020	FALSE
-0,155	0,316	-0,004	0,007	0,245	FALSE
0,027	0,314	0,000	0,006	0,009	FALSE
-0,087	0,314	-0,002	0,008	0,105	FALSE
-0,056	0,316	-0,002	0,011	0,061	FALSE

0,090	0,316	0,002	0,007	0,128	FALSE
0,029	0,302	0,001	0,011	0,028	FALSE
-0,033	0,313	-0,001	0,011	0,022	FALSE
0,004	0,308	0,001	0,010	0,023	FALSE
-0,095	0,326	-0,003	0,009	0,126	FALSE
0,028	0,312	0,001	0,007	0,033	FALSE
-0,063	0,308	-0,001	0,011	0,051	FALSE
0,008	0,307	0,000	0,009	0,011	FALSE
-0,049	0,307	-0,002	0,007	0,088	FALSE
-0,052	0,303	-0,002	0,007	0,086	FALSE
-0,035	0,309	-0,001	0,007	0,060	FALSE
-0,070	0,302	-0,002	0,008	0,116	FALSE
-0,103	0,301	-0,003	0,009	0,132	FALSE
-0,176	0,310	-0,004	0,007	0,235	FALSE
0,007	0,293	0,001	0,009	0,022	FALSE
0,039	0,314	0,002	0,009	0,082	FALSE
0,090	0,306	0,002	0,006	0,102	FALSE
-0,039	0,318	-0,001	0,011	0,038	FALSE
0,038	0,323	0,000	0,008	0,018	FALSE
0,110	0,309	0,003	0,007	0,167	FALSE
0,072	0,307	0,002	0,007	0,088	FALSE
0,007	0,307	0,001	0,011	0,026	FALSE
0,007	0,309	0,001	0,013	0,016	FALSE
0,109	0,297	0,005	0,012	0,152	FALSE
0,110	0,298	0,005	0,012	0,162	FALSE
0,005	0,317	0,001	0,012	0,020	FALSE
-0,064	0,322	-0,001	0,007	0,066	FALSE
0,000	0,308	0,000	0,011	0,007	FALSE
-0,020	0,294	-0,001	0,010	0,019	FALSE
0,006	0,304	0,001	0,009	0,022	FALSE
0,061	0,313	0,002	0,008	0,105	FALSE
-0,035	0,303	0,000	0,011	0,013	FALSE
-0,082	0,304	-0,003	0,011	0,083	FALSE
-0,090	0,309	-0,003	0,010	0,108	FALSE
-0,082	0,316	-0,002	0,010	0,085	FALSE
0,054	0,307	0,001	0,008	0,068	FALSE
-0,013	0,317	0,000	0,008	0,000	FALSE
0,094	0,301	0,003	0,007	0,135	FALSE
-0,035	0,315	-0,001	0,011	0,046	FALSE
0,008	0,320	0,000	0,007	0,001	FALSE
-0,025	0,315	-0,001	0,009	0,039	FALSE
0,059	0,316	0,001	0,012	0,042	FALSE
-0,027	0,289	-0,001	0,009	0,020	FALSE
0,009	0,296	0,001	0,009	0,025	FALSE
-0,108	0,306	-0,004	0,011	0,151	FALSE
0,044	0,311	0,002	0,011	0,068	FALSE
0,037	0,302	0,002	0,011	0,059	FALSE
0,134	0,307	0,003	0,006	0,179	FALSE
0,183	0,309	0,005	0,009	0,251	FALSE
-0,017	0,319	-0,001	0,008	0,023	FALSE
0,047	0,336	0,002	0,014	0,065	FALSE
-0,054	0,294	-0,001	0,009	0,053	FALSE
-0,068	0,309	-0,002	0,012	0,066	FALSE

-0,067	0,311	-0,002	0,009	0,071	FALSE
-0,051	0,306	-0,002	0,013	0,067	FALSE
-0,048	0,320	-0,001	0,010	0,056	FALSE
-0,069	0,310	-0,003	0,009	0,132	FALSE
-0,072	0,307	-0,002	0,006	0,096	FALSE
-0,004	0,314	0,000	0,006	0,026	FALSE
0,130	0,303	0,006	0,012	0,197	FALSE
0,090	0,301	0,004	0,011	0,126	FALSE
-0,046	0,315	-0,002	0,012	0,077	FALSE
-0,086	0,319	-0,004	0,012	0,132	FALSE
-0,058	0,302	-0,003	0,012	0,081	FALSE
0,071	0,304	0,001	0,007	0,067	FALSE
0,050	0,316	0,001	0,008	0,059	FALSE
0,112	0,297	0,003	0,008	0,145	FALSE
0,010	0,305	0,000	0,007	0,012	FALSE
0,013	0,303	0,000	0,007	0,009	FALSE
-0,068	0,304	-0,003	0,011	0,091	FALSE
-0,030	0,305	-0,001	0,007	0,055	FALSE
0,038	0,301	0,002	0,011	0,066	FALSE
-0,040	0,305	-0,002	0,013	0,065	FALSE
0,031	0,307	0,002	0,010	0,068	FALSE
-0,167	0,292	-0,005	0,008	0,240	FALSE
0,119	0,310	0,003	0,007	0,176	FALSE
0,056	0,314	0,001	0,007	0,056	FALSE
-0,045	0,306	-0,001	0,006	0,049	FALSE
0,070	0,313	0,003	0,011	0,102	FALSE
-0,088	0,318	-0,003	0,012	0,111	FALSE
-0,140	0,301	-0,003	0,007	0,159	FALSE
-0,053	0,309	-0,001	0,007	0,058	FALSE
-0,049	0,308	-0,001	0,012	0,027	FALSE
0,093	0,314	0,004	0,010	0,140	FALSE
-0,304	0,281	-0,013	0,012	0,540	FALSE
0,002	0,298	0,000	0,011	0,010	FALSE
0,019	0,308	0,000	0,012	0,004	FALSE
-0,134	0,297	-0,003	0,007	0,188	FALSE
0,042	0,312	0,002	0,013	0,067	FALSE
-0,152	0,309	-0,005	0,009	0,222	FALSE
-0,141	0,310	-0,006	0,011	0,216	FALSE
-0,051	0,318	-0,002	0,013	0,067	FALSE
0,108	0,302	0,005	0,012	0,152	FALSE
-0,117	0,301	-0,002	0,007	0,146	FALSE
-0,105	0,310	-0,002	0,007	0,110	FALSE
0,079	0,310	0,003	0,012	0,088	FALSE
0,046	0,309	0,001	0,012	0,040	FALSE
-0,001	0,297	0,001	0,010	0,024	FALSE
0,008	0,318	0,000	0,012	0,007	FALSE
-0,013	0,315	0,000	0,008	0,017	FALSE
-0,138	0,307	-0,003	0,007	0,162	FALSE
0,047	0,314	0,002	0,012	0,062	FALSE
0,027	0,313	0,001	0,008	0,042	FALSE
-0,081	0,305	-0,002	0,007	0,088	FALSE
-0,007	0,311	0,000	0,013	0,006	FALSE
-0,112	0,312	-0,004	0,012	0,125	FALSE

-0,027	0,310	-0,001	0,012	0,018	FALSE
0,028	0,305	0,002	0,013	0,055	FALSE
-0,008	0,308	0,000	0,013	0,002	FALSE
-0,002	0,307	0,000	0,013	0,002	FALSE
0,068	0,312	0,003	0,011	0,091	FALSE
-0,016	0,323	-0,001	0,010	0,026	FALSE
0,167	0,290	0,004	0,006	0,259	FALSE
0,038	0,313	0,000	0,007	0,021	FALSE
0,009	0,309	0,001	0,013	0,026	FALSE
-0,074	0,296	-0,001	0,007	0,079	FALSE
-0,073	0,303	-0,002	0,006	0,094	FALSE
-0,029	0,307	-0,001	0,009	0,023	FALSE
-0,053	0,303	-0,001	0,007	0,062	FALSE
-0,092	0,317	-0,003	0,013	0,101	FALSE
-0,085	0,283	-0,002	0,006	0,121	FALSE
0,020	0,317	0,001	0,009	0,024	FALSE
-0,100	0,310	-0,002	0,007	0,107	FALSE
-0,141	0,314	-0,004	0,009	0,190	FALSE
-0,149	0,311	-0,004	0,009	0,202	FALSE
0,108	0,302	0,004	0,008	0,188	FALSE
0,046	0,305	0,002	0,007	0,079	FALSE
0,062	0,301	0,002	0,009	0,074	FALSE
0,046	0,303	0,001	0,008	0,070	FALSE
-0,072	0,315	-0,003	0,011	0,091	FALSE
0,025	0,312	0,002	0,012	0,048	FALSE
0,086	0,326	0,003	0,010	0,124	FALSE
0,053	0,320	0,002	0,013	0,069	FALSE
-0,037	0,317	-0,001	0,010	0,029	FALSE
-0,094	0,313	-0,002	0,009	0,100	FALSE
-0,087	0,308	-0,004	0,013	0,126	FALSE
0,099	0,315	0,004	0,013	0,140	FALSE
0,005	0,306	0,001	0,007	0,025	FALSE
0,032	0,319	0,001	0,008	0,054	FALSE
-0,128	0,311	-0,003	0,009	0,137	FALSE
0,069	0,300	0,004	0,012	0,120	FALSE
0,000	0,315	0,000	0,009	0,001	FALSE
-0,059	0,313	-0,001	0,007	0,068	FALSE
0,034	0,316	0,001	0,011	0,039	FALSE
-0,181	0,316	-0,004	0,006	0,241	FALSE
-0,060	0,297	-0,002	0,009	0,095	FALSE
0,086	0,308	0,002	0,007	0,124	FALSE
-0,044	0,309	0,000	0,008	0,003	FALSE
0,064	0,322	0,002	0,010	0,082	FALSE
0,052	0,312	0,002	0,010	0,089	FALSE
0,009	0,301	0,000	0,008	0,007	FALSE
0,027	0,318	0,002	0,013	0,053	FALSE
-0,070	0,310	-0,001	0,008	0,071	FALSE
0,045	0,316	0,001	0,007	0,055	FALSE
-0,111	0,304	-0,005	0,011	0,191	FALSE
0,076	0,313	0,002	0,008	0,083	FALSE
-0,079	0,305	-0,004	0,012	0,113	FALSE
0,041	0,311	0,001	0,010	0,040	FALSE
0,055	0,300	0,002	0,009	0,062	FALSE

0,011	0,295	0,001	0,007	0,053	FALSE
0,065	0,308	0,001	0,008	0,051	FALSE
0,055	0,306	0,002	0,009	0,091	FALSE
-0,050	0,305	-0,002	0,009	0,076	FALSE
0,129	0,306	0,005	0,012	0,192	FALSE
0,169	0,294	0,005	0,009	0,248	FALSE
0,014	0,317	0,000	0,013	0,012	FALSE
-0,039	0,298	0,000	0,010	0,003	FALSE
-0,054	0,298	0,000	0,010	0,016	FALSE
0,046	0,302	0,001	0,007	0,063	FALSE
0,063	0,310	0,001	0,007	0,063	FALSE
0,043	0,314	0,002	0,009	0,075	FALSE
-0,058	0,303	-0,001	0,006	0,046	FALSE
-0,015	0,310	0,001	0,009	0,025	FALSE
0,012	0,306	0,001	0,009	0,047	FALSE
0,072	0,295	0,002	0,010	0,093	FALSE
0,024	0,301	0,001	0,013	0,020	FALSE
0,075	0,314	0,002	0,007	0,108	FALSE
-0,043	0,313	-0,001	0,008	0,036	FALSE
-0,006	0,299	0,000	0,009	0,012	FALSE
0,057	0,304	0,002	0,013	0,062	FALSE
0,004	0,329	0,000	0,012	0,002	FALSE
-0,125	0,311	-0,004	0,010	0,159	FALSE
0,036	0,300	0,001	0,007	0,060	FALSE
-0,046	0,313	-0,001	0,009	0,043	FALSE
0,023	0,297	0,001	0,010	0,040	FALSE
0,054	0,295	0,002	0,008	0,098	FALSE
-0,029	0,300	0,000	0,007	0,023	FALSE
0,008	0,312	-0,001	0,012	0,014	FALSE
0,096	0,315	0,002	0,007	0,122	FALSE
0,110	0,310	0,004	0,012	0,144	FALSE
-0,156	0,316	-0,005	0,010	0,197	FALSE
-0,096	0,312	-0,003	0,009	0,105	FALSE
-0,016	0,307	0,000	0,009	0,001	FALSE
-0,010	0,307	0,000	0,007	0,010	FALSE
0,050	0,313	0,002	0,011	0,073	FALSE
0,064	0,302	0,004	0,013	0,114	FALSE
0,053	0,298	0,001	0,011	0,045	FALSE
0,006	0,318	0,000	0,011	0,014	FALSE
0,141	0,308	0,005	0,011	0,173	FALSE
-0,040	0,309	-0,002	0,010	0,065	FALSE
-0,112	0,313	-0,002	0,007	0,104	FALSE
0,099	0,285	0,004	0,011	0,128	FALSE
0,037	0,321	0,001	0,013	0,032	FALSE
0,040	0,316	0,001	0,007	0,058	FALSE
0,032	0,314	0,001	0,007	0,071	FALSE
0,011	0,287	0,001	0,007	0,042	FALSE
0,012	0,301	0,000	0,012	0,002	FALSE
-0,037	0,306	-0,002	0,013	0,058	FALSE
0,069	0,303	0,002	0,007	0,095	FALSE
-0,049	0,317	-0,002	0,013	0,071	FALSE
0,001	0,310	0,000	0,012	0,010	FALSE
-0,101	0,295	-0,003	0,008	0,140	FALSE

0,018	0,306	0,001	0,012	0,016	FALSE
0,011	0,301	0,000	0,012	0,004	FALSE
0,019	0,306	0,001	0,010	0,039	FALSE
0,116	0,290	0,002	0,006	0,116	FALSE
0,020	0,302	0,001	0,008	0,048	FALSE
0,026	0,312	0,000	0,012	0,012	FALSE
0,105	0,293	0,004	0,010	0,155	FALSE
-0,055	0,314	-0,001	0,010	0,054	FALSE
0,023	0,310	0,000	0,008	0,020	FALSE
0,164	0,279	0,005	0,008	0,258	FALSE
-0,039	0,319	-0,001	0,009	0,059	FALSE
0,110	0,304	0,003	0,008	0,171	FALSE
-0,042	0,303	-0,002	0,012	0,068	FALSE
0,153	0,298	0,006	0,011	0,233	FALSE
0,095	0,308	0,004	0,011	0,133	FALSE
0,026	0,308	0,000	0,007	0,023	FALSE
0,062	0,324	0,002	0,010	0,075	FALSE
0,082	0,312	0,003	0,009	0,108	FALSE
-0,074	0,311	-0,003	0,010	0,099	FALSE
-0,054	0,305	-0,001	0,008	0,065	FALSE
-0,022	0,319	-0,001	0,010	0,040	FALSE
0,038	0,328	0,001	0,008	0,066	FALSE
-0,048	0,305	-0,001	0,013	0,039	FALSE
-0,050	0,306	-0,002	0,013	0,044	FALSE
0,007	0,295	0,000	0,010	0,008	FALSE
-0,014	0,298	-0,001	0,009	0,021	FALSE
-0,018	0,304	-0,001	0,010	0,028	FALSE
0,071	0,306	0,002	0,007	0,103	FALSE
0,001	0,293	0,000	0,010	0,003	FALSE
0,005	0,291	-0,001	0,011	0,025	FALSE
0,081	0,307	0,002	0,007	0,116	FALSE
-0,052	0,313	-0,001	0,008	0,032	FALSE
-0,035	0,300	-0,002	0,013	0,060	FALSE
0,002	0,319	0,000	0,007	0,023	FALSE
-0,097	0,306	-0,004	0,013	0,120	FALSE
0,092	0,301	0,003	0,011	0,128	FALSE
0,019	0,306	0,002	0,013	0,046	FALSE
-0,135	0,301	-0,003	0,007	0,158	FALSE
0,035	0,318	0,001	0,007	0,061	FALSE
0,099	0,302	0,003	0,008	0,125	FALSE
0,096	0,317	0,003	0,009	0,116	FALSE
0,094	0,322	0,004	0,014	0,112	FALSE
-0,018	0,317	-0,001	0,006	0,031	FALSE
0,017	0,333	0,000	0,011	0,008	FALSE
-0,027	0,305	0,000	0,010	0,007	FALSE
0,128	0,296	0,004	0,011	0,150	FALSE
-0,006	0,311	0,000	0,008	0,000	FALSE
0,077	0,296	0,002	0,007	0,130	FALSE
0,073	0,321	0,003	0,011	0,093	FALSE
0,011	0,310	0,000	0,008	0,020	FALSE
0,069	0,320	0,002	0,012	0,073	FALSE
0,032	0,299	0,001	0,007	0,052	FALSE
0,031	0,306	0,001	0,010	0,053	FALSE

0,094	0,305	0,003	0,012	0,105	FALSE
-0,055	0,314	-0,001	0,009	0,042	FALSE
-0,013	0,315	-0,001	0,011	0,045	FALSE
0,033	0,315	0,001	0,010	0,024	FALSE
0,012	0,308	0,000	0,011	0,007	FALSE
0,003	0,319	0,000	0,011	0,010	FALSE
-0,044	0,314	-0,001	0,010	0,030	FALSE
0,028	0,309	0,002	0,008	0,076	FALSE
-0,157	0,309	-0,006	0,013	0,197	FALSE
-0,097	0,308	-0,002	0,008	0,116	FALSE
0,151	0,307	0,006	0,013	0,179	FALSE
0,089	0,295	0,002	0,009	0,099	FALSE
0,075	0,303	0,002	0,007	0,099	FALSE
0,016	0,303	0,000	0,010	0,016	FALSE
0,082	0,324	0,002	0,009	0,085	FALSE
0,079	0,313	0,003	0,011	0,094	FALSE
0,107	0,300	0,004	0,010	0,150	FALSE
-0,026	0,301	-0,002	0,008	0,067	FALSE
0,087	0,294	0,003	0,011	0,122	FALSE
0,006	0,312	0,001	0,008	0,032	FALSE
0,117	0,313	0,005	0,013	0,150	FALSE
0,089	0,313	0,004	0,013	0,116	FALSE
-0,092	0,309	-0,003	0,012	0,101	FALSE
0,045	0,308	0,001	0,007	0,039	FALSE
-0,121	0,314	-0,003	0,008	0,164	FALSE
-0,058	0,317	-0,002	0,008	0,074	FALSE
0,000	0,332	0,000	0,010	0,004	FALSE
-0,046	0,303	-0,002	0,009	0,067	FALSE
-0,018	0,311	-0,001	0,009	0,037	FALSE
0,008	0,317	0,000	0,009	0,005	FALSE
0,000	0,309	0,000	0,009	0,011	FALSE
0,018	0,319	0,001	0,010	0,024	FALSE
0,028	0,315	0,001	0,010	0,025	FALSE
-0,035	0,312	0,000	0,008	0,019	FALSE
-0,018	0,309	0,000	0,008	0,001	FALSE
0,005	0,307	0,001	0,013	0,039	FALSE
0,003	0,291	0,001	0,012	0,030	FALSE
0,048	0,306	0,003	0,012	0,105	FALSE
-0,036	0,295	-0,001	0,011	0,026	FALSE
-0,062	0,282	-0,002	0,011	0,078	FALSE
-0,080	0,299	-0,003	0,012	0,091	FALSE
-0,088	0,291	-0,003	0,011	0,119	FALSE
0,107	0,299	0,004	0,012	0,114	FALSE
-0,052	0,292	-0,002	0,011	0,057	FALSE
0,095	0,304	0,003	0,012	0,107	FALSE
0,009	0,300	0,000	0,008	0,006	FALSE
-0,067	0,307	-0,003	0,012	0,097	FALSE
-0,090	0,312	-0,003	0,012	0,103	FALSE
0,042	0,306	0,001	0,008	0,044	FALSE
0,071	0,314	0,004	0,013	0,115	FALSE
0,041	0,319	0,002	0,013	0,072	FALSE
-0,099	0,296	-0,002	0,008	0,089	FALSE
0,056	0,305	0,003	0,012	0,080	FALSE

0,053	0,305	0,003	0,012	0,088	FALSE
0,048	0,304	0,001	0,012	0,037	FALSE
-0,082	0,323	-0,002	0,010	0,074	FALSE
0,045	0,315	0,002	0,013	0,046	FALSE
-0,041	0,307	-0,002	0,012	0,065	FALSE
-0,055	0,315	-0,002	0,012	0,071	FALSE
0,031	0,315	0,002	0,011	0,062	FALSE
0,020	0,314	0,001	0,012	0,023	FALSE
0,039	0,311	0,001	0,009	0,040	FALSE
-0,085	0,295	-0,003	0,009	0,131	FALSE
-0,002	0,307	0,000	0,009	0,004	FALSE
-0,028	0,298	-0,001	0,010	0,040	FALSE
0,005	0,304	0,000	0,009	0,017	FALSE
0,020	0,290	0,001	0,008	0,027	FALSE
-0,012	0,307	0,000	0,006	0,022	FALSE
0,055	0,304	0,001	0,008	0,054	FALSE
0,113	0,305	0,003	0,009	0,136	FALSE
-0,097	0,310	-0,004	0,012	0,134	FALSE
0,013	0,299	0,000	0,006	0,001	FALSE
-0,001	0,306	0,000	0,006	0,000	FALSE
0,106	0,307	0,003	0,008	0,144	FALSE
-0,010	0,318	0,000	0,011	0,003	FALSE
-0,025	0,322	-0,001	0,012	0,039	FALSE
-0,105	0,306	-0,003	0,007	0,154	FALSE
-0,154	0,298	-0,005	0,009	0,228	FALSE
-0,080	0,302	-0,002	0,008	0,077	FALSE
-0,126	0,297	-0,006	0,012	0,190	FALSE
-0,031	0,309	-0,001	0,012	0,036	FALSE
0,039	0,298	0,001	0,007	0,069	FALSE
0,025	0,306	0,001	0,007	0,048	FALSE
0,040	0,309	0,001	0,007	0,071	FALSE
-0,055	0,314	-0,003	0,013	0,083	FALSE
-0,130	0,308	-0,004	0,010	0,168	FALSE
-0,003	0,301	0,000	0,008	0,008	FALSE
0,092	0,312	0,004	0,013	0,126	FALSE
-0,141	0,300	-0,005	0,011	0,187	FALSE
-0,058	0,306	-0,002	0,007	0,085	FALSE
-0,020	0,325	-0,002	0,013	0,045	FALSE
-0,050	0,313	-0,002	0,010	0,069	FALSE
-0,106	0,288	-0,003	0,012	0,097	FALSE
0,052	0,302	0,001	0,007	0,065	FALSE
0,065	0,314	0,002	0,008	0,111	FALSE
0,044	0,302	0,001	0,008	0,060	FALSE
0,017	0,292	0,000	0,008	0,019	FALSE
-0,153	0,305	-0,006	0,013	0,197	FALSE
0,101	0,314	0,003	0,013	0,092	FALSE
0,049	0,306	0,001	0,006	0,087	FALSE
0,037	0,297	0,002	0,011	0,060	FALSE
-0,019	0,311	-0,001	0,010	0,030	FALSE
-0,059	0,302	-0,003	0,011	0,104	FALSE
-0,063	0,300	-0,002	0,009	0,066	FALSE
-0,075	0,304	-0,002	0,009	0,092	FALSE
-0,191	0,292	-0,005	0,009	0,262	FALSE

0,008	0,293	0,000	0,010	0,008	FALSE
0,003	0,303	0,000	0,007	0,008	FALSE
-0,013	0,303	-0,002	0,012	0,047	FALSE
0,146	0,295	0,006	0,011	0,252	FALSE
0,018	0,318	0,000	0,010	0,014	FALSE
-0,024	0,320	0,000	0,008	0,018	FALSE
-0,082	0,314	-0,002	0,008	0,098	FALSE
-0,095	0,313	-0,003	0,009	0,121	FALSE
-0,021	0,316	-0,001	0,007	0,035	FALSE
-0,070	0,299	-0,002	0,008	0,105	FALSE
-0,065	0,316	-0,003	0,013	0,095	FALSE
0,114	0,318	0,005	0,013	0,153	FALSE
-0,010	0,316	0,000	0,007	0,006	FALSE
-0,031	0,308	-0,002	0,013	0,050	FALSE
0,019	0,311	0,001	0,007	0,043	FALSE
-0,127	0,302	-0,004	0,008	0,187	FALSE
0,040	0,289	0,002	0,008	0,075	FALSE
-0,099	0,311	-0,003	0,009	0,140	FALSE
-0,054	0,320	-0,001	0,007	0,076	FALSE
0,044	0,322	0,002	0,009	0,067	FALSE
-0,013	0,300	-0,001	0,007	0,024	FALSE
-0,146	0,312	-0,005	0,010	0,201	FALSE
0,146	0,303	0,005	0,011	0,199	FALSE
-0,072	0,316	-0,002	0,008	0,076	FALSE
0,016	0,294	0,001	0,009	0,020	FALSE
0,009	0,316	0,000	0,012	0,011	FALSE
-0,018	0,307	0,000	0,011	0,005	FALSE
-0,121	0,303	-0,003	0,008	0,152	FALSE
-0,105	0,313	-0,002	0,008	0,117	FALSE
-0,029	0,308	0,000	0,006	0,026	FALSE
0,067	0,312	0,002	0,011	0,081	FALSE
0,088	0,293	0,002	0,006	0,160	FALSE
-0,056	0,303	-0,003	0,013	0,090	FALSE
0,088	0,308	0,003	0,009	0,132	FALSE
-0,044	0,305	-0,002	0,012	0,075	FALSE
-0,056	0,309	-0,002	0,013	0,055	FALSE
-0,051	0,310	-0,002	0,012	0,070	FALSE
-0,034	0,304	0,000	0,009	0,008	FALSE
-0,125	0,298	-0,005	0,011	0,173	FALSE
0,049	0,293	0,001	0,012	0,015	FALSE
0,038	0,307	0,001	0,011	0,019	FALSE
-0,003	0,317	0,000	0,007	0,018	FALSE
-0,083	0,296	-0,002	0,009	0,099	FALSE
0,045	0,318	0,002	0,014	0,052	FALSE
-0,028	0,302	0,000	0,006	0,003	FALSE
0,031	0,313	0,001	0,008	0,029	FALSE
0,001	0,314	0,000	0,006	0,005	FALSE
-0,035	0,304	0,000	0,006	0,009	FALSE
0,081	0,294	0,002	0,009	0,098	FALSE
-0,066	0,313	-0,002	0,008	0,097	FALSE
0,064	0,295	0,002	0,011	0,085	FALSE
0,069	0,294	0,002	0,009	0,085	FALSE
0,010	0,295	0,000	0,008	0,012	FALSE

-0,092	0,297	-0,002	0,008	0,124	FALSE
-0,014	0,318	0,000	0,008	0,012	FALSE
-0,048	0,317	-0,001	0,007	0,055	FALSE
-0,052	0,324	-0,002	0,007	0,085	FALSE
-0,048	0,315	-0,002	0,011	0,056	FALSE
-0,127	0,311	-0,004	0,009	0,158	FALSE
0,041	0,293	0,002	0,009	0,070	FALSE
0,091	0,304	0,002	0,007	0,130	FALSE
0,066	0,317	0,002	0,008	0,076	FALSE
-0,009	0,315	-0,001	0,013	0,014	FALSE
-0,052	0,295	-0,002	0,010	0,089	FALSE
0,078	0,315	0,003	0,012	0,084	FALSE
-0,027	0,305	-0,001	0,012	0,020	FALSE
0,058	0,317	0,001	0,007	0,060	FALSE
-0,053	0,297	-0,001	0,007	0,047	FALSE
0,001	0,319	0,001	0,008	0,025	FALSE
0,119	0,312	0,004	0,009	0,175	FALSE
-0,012	0,307	0,000	0,008	0,022	FALSE
-0,060	0,313	-0,001	0,007	0,057	FALSE
-0,115	0,303	-0,004	0,010	0,147	FALSE
-0,008	0,320	-0,001	0,009	0,021	FALSE
-0,022	0,301	-0,001	0,011	0,017	FALSE
0,017	0,297	0,001	0,008	0,032	FALSE
-0,135	0,305	-0,004	0,008	0,195	FALSE
-0,009	0,294	0,000	0,008	0,015	FALSE
-0,079	0,315	-0,004	0,012	0,117	FALSE
0,089	0,311	0,002	0,008	0,093	FALSE
0,094	0,306	0,002	0,008	0,095	FALSE
-0,002	0,311	0,000	0,009	0,005	FALSE
-0,083	0,317	-0,003	0,009	0,133	FALSE
-0,058	0,303	-0,001	0,012	0,032	FALSE
-0,142	0,298	-0,003	0,007	0,205	FALSE
-0,063	0,308	-0,002	0,009	0,081	FALSE
-0,027	0,305	-0,001	0,010	0,043	FALSE
-0,085	0,282	-0,004	0,012	0,110	FALSE
-0,074	0,308	-0,002	0,008	0,085	FALSE
-0,065	0,311	-0,001	0,007	0,072	FALSE
-0,107	0,305	-0,004	0,012	0,138	FALSE
-0,048	0,307	-0,002	0,009	0,066	FALSE
-0,182	0,313	-0,005	0,009	0,254	FALSE
-0,043	0,307	-0,001	0,008	0,073	FALSE
-0,026	0,296	-0,001	0,012	0,030	FALSE
0,041	0,306	0,001	0,008	0,031	FALSE
-0,145	0,299	-0,003	0,006	0,206	FALSE
-0,082	0,308	-0,003	0,012	0,111	FALSE
0,034	0,312	0,001	0,009	0,058	FALSE
-0,105	0,319	-0,005	0,013	0,170	FALSE
-0,014	0,317	-0,001	0,010	0,044	FALSE
-0,044	0,298	-0,001	0,009	0,051	FALSE
-0,127	0,307	-0,005	0,011	0,173	FALSE
0,001	0,306	0,000	0,009	0,009	FALSE
-0,045	0,307	-0,001	0,011	0,046	FALSE
-0,001	0,307	0,000	0,012	0,007	FALSE

0,106	0,306	0,002	0,009	0,098	FALSE
-0,075	0,310	-0,001	0,009	0,048	FALSE
-0,137	0,306	-0,004	0,007	0,213	FALSE
0,031	0,304	0,001	0,010	0,022	FALSE
0,020	0,298	0,000	0,011	0,006	FALSE
0,044	0,304	0,001	0,011	0,045	FALSE
-0,056	0,313	-0,001	0,007	0,029	FALSE
-0,098	0,310	-0,005	0,012	0,149	FALSE
-0,067	0,317	-0,002	0,012	0,077	FALSE
-0,022	0,304	-0,001	0,008	0,032	FALSE
-0,014	0,315	-0,001	0,009	0,036	FALSE
-0,119	0,306	-0,003	0,007	0,157	FALSE
-0,043	0,306	-0,002	0,011	0,065	FALSE
0,004	0,308	0,000	0,009	0,005	FALSE
-0,049	0,299	-0,001	0,006	0,069	FALSE
-0,109	0,314	-0,004	0,010	0,136	FALSE
0,153	0,300	0,004	0,008	0,209	FALSE
-0,031	0,308	-0,001	0,008	0,054	FALSE
-0,054	0,316	-0,001	0,011	0,043	FALSE
-0,074	0,308	-0,003	0,013	0,102	FALSE
-0,045	0,318	-0,001	0,007	0,059	FALSE
0,083	0,294	0,003	0,013	0,098	FALSE
0,065	0,300	0,002	0,010	0,054	FALSE
0,096	0,295	0,005	0,012	0,153	FALSE
0,095	0,297	0,004	0,013	0,129	FALSE
0,030	0,318	0,001	0,010	0,048	FALSE
0,001	0,305	0,001	0,013	0,030	FALSE
-0,038	0,316	-0,001	0,010	0,043	FALSE
-0,009	0,279	-0,002	0,012	0,052	FALSE
-0,028	0,299	-0,001	0,006	0,058	FALSE
0,046	0,293	0,001	0,009	0,043	FALSE
-0,104	0,300	-0,005	0,013	0,161	FALSE
-0,028	0,301	0,000	0,006	0,008	FALSE
0,062	0,307	0,001	0,008	0,044	FALSE
0,025	0,304	0,001	0,007	0,032	FALSE
-0,153	0,303	-0,003	0,008	0,183	FALSE
0,001	0,314	0,000	0,007	0,021	FALSE
0,010	0,306	0,001	0,012	0,019	FALSE
0,003	0,320	0,000	0,013	0,012	FALSE
0,130	0,310	0,002	0,006	0,157	FALSE
0,043	0,309	0,003	0,012	0,077	FALSE
0,000	0,316	0,000	0,007	0,004	FALSE
-0,031	0,310	-0,001	0,012	0,033	FALSE
-0,078	0,311	-0,002	0,008	0,090	FALSE
0,035	0,297	0,001	0,012	0,024	FALSE
0,125	0,310	0,004	0,011	0,160	FALSE
0,133	0,306	0,006	0,013	0,194	FALSE
0,006	0,310	0,000	0,012	0,007	FALSE
-0,091	0,312	-0,002	0,007	0,124	FALSE
0,073	0,309	0,002	0,008	0,091	FALSE
0,120	0,311	0,003	0,006	0,162	FALSE
0,044	0,297	0,002	0,012	0,060	FALSE
0,037	0,330	0,002	0,010	0,062	FALSE

0,020	0,293	0,001	0,009	0,020	FALSE
0,014	0,316	0,001	0,008	0,024	FALSE
0,099	0,299	0,002	0,007	0,126	FALSE
-0,016	0,310	-0,001	0,012	0,021	FALSE
-0,001	0,314	0,000	0,013	0,008	FALSE
0,050	0,307	0,001	0,008	0,062	FALSE
-0,068	0,307	-0,002	0,009	0,088	FALSE
0,105	0,318	0,003	0,008	0,134	FALSE
-0,033	0,302	0,000	0,007	0,003	FALSE
0,119	0,302	0,003	0,006	0,200	FALSE
0,013	0,318	0,001	0,012	0,031	FALSE
0,033	0,306	0,001	0,010	0,019	FALSE
0,056	0,312	0,002	0,007	0,092	FALSE
0,072	0,310	0,002	0,009	0,065	FALSE
-0,013	0,311	-0,001	0,011	0,047	FALSE
-0,087	0,310	-0,002	0,007	0,095	FALSE
-0,015	0,314	0,000	0,009	0,002	FALSE
0,060	0,299	0,001	0,007	0,081	FALSE
-0,073	0,292	-0,002	0,012	0,051	FALSE
-0,071	0,302	-0,002	0,012	0,048	FALSE
-0,031	0,315	-0,001	0,009	0,027	FALSE
-0,128	0,294	-0,005	0,011	0,203	FALSE
-0,032	0,303	-0,002	0,011	0,067	FALSE
0,076	0,312	0,002	0,008	0,078	FALSE
-0,081	0,314	-0,002	0,008	0,085	FALSE
0,073	0,304	0,002	0,009	0,070	FALSE
0,002	0,315	0,000	0,006	0,002	FALSE
0,000	0,322	-0,001	0,012	0,018	FALSE
0,099	0,291	0,003	0,012	0,112	FALSE
0,181	0,299	0,006	0,012	0,215	FALSE
-0,007	0,322	-0,001	0,011	0,023	FALSE
-0,118	0,297	-0,004	0,011	0,136	FALSE
0,062	0,300	0,002	0,006	0,102	FALSE
0,137	0,289	0,007	0,013	0,246	FALSE
0,019	0,300	0,001	0,007	0,066	FALSE
-0,044	0,315	-0,001	0,008	0,073	FALSE
0,007	0,311	0,000	0,010	0,007	FALSE
-0,006	0,314	0,000	0,013	0,007	FALSE
-0,012	0,300	0,000	0,007	0,016	FALSE
0,084	0,313	0,003	0,013	0,087	FALSE
0,109	0,312	0,003	0,008	0,166	FALSE
0,095	0,301	0,005	0,013	0,147	FALSE
0,136	0,295	0,004	0,007	0,216	FALSE
0,023	0,307	0,002	0,013	0,050	FALSE
-0,065	0,305	-0,003	0,010	0,101	FALSE
-0,033	0,315	-0,001	0,012	0,019	FALSE
0,054	0,303	0,002	0,008	0,082	FALSE
0,067	0,304	0,001	0,008	0,053	FALSE
0,057	0,306	0,001	0,012	0,038	FALSE
0,009	0,307	0,000	0,007	0,012	FALSE
0,027	0,299	0,001	0,007	0,045	FALSE
-0,106	0,288	-0,003	0,012	0,114	FALSE
0,120	0,318	0,005	0,013	0,153	FALSE

0,087	0,308	0,003	0,009	0,106	FALSE
-0,019	0,305	-0,001	0,012	0,034	FALSE
-0,042	0,305	-0,002	0,013	0,056	FALSE
0,000	0,308	0,000	0,011	0,011	FALSE
0,078	0,292	0,004	0,012	0,119	FALSE
-0,062	0,306	-0,002	0,010	0,067	FALSE
-0,112	0,320	-0,005	0,013	0,152	FALSE
-0,071	0,305	-0,002	0,007	0,091	FALSE
-0,085	0,315	-0,003	0,010	0,107	FALSE
0,129	0,309	0,003	0,008	0,173	FALSE
0,090	0,312	0,003	0,008	0,131	FALSE
-0,097	0,302	-0,004	0,013	0,137	FALSE
0,100	0,304	0,003	0,010	0,124	FALSE
-0,115	0,324	-0,004	0,010	0,149	FALSE
-0,087	0,308	-0,002	0,007	0,106	FALSE
-0,011	0,320	0,000	0,009	0,020	FALSE
-0,054	0,299	-0,001	0,010	0,054	FALSE
-0,004	0,313	0,000	0,007	0,008	FALSE
-0,041	0,304	-0,001	0,008	0,046	FALSE
-0,004	0,322	-0,001	0,007	0,034	FALSE
-0,018	0,310	-0,001	0,011	0,043	FALSE
0,052	0,317	0,002	0,009	0,068	FALSE
0,042	0,313	0,001	0,007	0,079	FALSE
0,092	0,293	0,002	0,006	0,128	FALSE
0,054	0,311	0,001	0,006	0,058	FALSE
-0,044	0,309	-0,001	0,007	0,044	FALSE
0,057	0,295	0,002	0,007	0,092	FALSE
-0,172	0,291	-0,005	0,008	0,251	FALSE
0,066	0,301	0,001	0,008	0,067	FALSE
0,010	0,317	0,000	0,010	0,002	FALSE
0,097	0,311	0,004	0,012	0,136	FALSE
-0,005	0,316	0,000	0,008	0,017	FALSE
0,022	0,303	0,000	0,008	0,002	FALSE
0,096	0,303	0,004	0,012	0,147	FALSE
0,106	0,314	0,003	0,009	0,134	FALSE
-0,076	0,308	-0,002	0,008	0,082	FALSE
-0,123	0,308	-0,003	0,007	0,159	FALSE
0,090	0,311	0,002	0,008	0,113	FALSE
-0,127	0,313	-0,004	0,010	0,158	FALSE
-0,121	0,311	-0,004	0,010	0,142	FALSE
0,028	0,305	0,001	0,013	0,016	FALSE
0,011	0,294	0,000	0,012	0,011	FALSE
0,134	0,311	0,005	0,011	0,207	FALSE
0,052	0,320	0,002	0,013	0,057	FALSE
-0,042	0,303	-0,001	0,012	0,037	FALSE
-0,046	0,301	-0,002	0,013	0,048	FALSE
0,051	0,281	0,001	0,012	0,025	FALSE
0,010	0,322	0,000	0,008	0,012	FALSE
-0,113	0,301	-0,002	0,006	0,150	FALSE
0,018	0,313	0,001	0,009	0,029	FALSE
0,043	0,302	0,002	0,010	0,071	FALSE
0,003	0,315	0,000	0,007	0,021	FALSE
0,097	0,303	0,003	0,009	0,151	FALSE

-0,090	0,311	-0,002	0,007	0,116	FALSE
0,097	0,313	0,002	0,007	0,105	FALSE
-0,061	0,319	-0,002	0,008	0,091	FALSE
0,027	0,314	0,000	0,008	0,014	FALSE
-0,154	0,300	-0,004	0,009	0,185	FALSE
0,206	0,308	0,008	0,012	0,292	FALSE
-0,179	0,291	-0,005	0,011	0,206	FALSE
-0,011	0,313	0,000	0,013	0,010	FALSE
-0,011	0,326	0,000	0,007	0,002	FALSE
0,003	0,312	0,001	0,009	0,036	FALSE
0,009	0,287	0,001	0,012	0,029	FALSE
0,112	0,304	0,004	0,011	0,156	FALSE
0,020	0,313	0,001	0,013	0,014	FALSE
0,049	0,315	0,002	0,012	0,048	FALSE
0,123	0,307	0,004	0,010	0,186	FALSE
-0,068	0,299	-0,002	0,009	0,098	FALSE
-0,033	0,303	-0,001	0,009	0,049	FALSE
-0,007	0,308	-0,001	0,009	0,030	FALSE
-0,055	0,317	-0,001	0,012	0,041	FALSE
0,027	0,302	0,000	0,012	0,002	FALSE
0,076	0,309	0,003	0,012	0,090	FALSE
-0,114	0,305	-0,004	0,009	0,171	FALSE
-0,179	0,313	-0,005	0,008	0,264	FALSE
0,000	0,310	0,000	0,008	0,009	FALSE
0,119	0,314	0,003	0,008	0,155	FALSE
0,099	0,308	0,002	0,008	0,111	FALSE
-0,043	0,298	-0,002	0,011	0,057	FALSE
-0,007	0,313	0,000	0,010	0,015	FALSE
0,016	0,308	0,001	0,013	0,029	FALSE
0,019	0,311	0,001	0,012	0,017	FALSE
-0,198	0,303	-0,005	0,008	0,272	FALSE
0,013	0,306	-0,001	0,012	0,027	FALSE
0,029	0,306	0,001	0,010	0,020	FALSE
-0,054	0,306	-0,002	0,012	0,065	FALSE
0,028	0,303	0,001	0,007	0,044	FALSE
0,011	0,303	0,001	0,006	0,038	FALSE
-0,006	0,299	0,000	0,009	0,016	FALSE
-0,011	0,312	-0,002	0,011	0,059	FALSE
-0,055	0,300	-0,001	0,009	0,065	FALSE
0,126	0,310	0,005	0,013	0,173	FALSE
0,001	0,308	0,000	0,011	0,001	FALSE
0,019	0,319	0,000	0,011	0,010	FALSE
0,001	0,313	0,000	0,007	0,017	FALSE
0,044	0,318	0,001	0,012	0,021	FALSE
-0,001	0,312	0,000	0,007	0,012	FALSE
-0,063	0,303	-0,002	0,008	0,083	FALSE
-0,094	0,305	-0,003	0,008	0,126	FALSE
0,078	0,304	0,002	0,006	0,108	FALSE
0,109	0,303	0,003	0,009	0,124	FALSE
0,081	0,315	0,002	0,010	0,080	FALSE
-0,042	0,331	-0,001	0,009	0,044	FALSE
0,020	0,289	0,001	0,009	0,026	FALSE
0,017	0,314	0,001	0,011	0,041	FALSE

0,067	0,282	0,002	0,009	0,095	FALSE
-0,046	0,314	-0,002	0,010	0,060	FALSE
-0,047	0,313	-0,001	0,011	0,032	FALSE
-0,077	0,311	-0,002	0,011	0,076	FALSE
-0,040	0,300	-0,002	0,008	0,071	FALSE
-0,020	0,306	0,000	0,010	0,016	FALSE
-0,090	0,307	-0,004	0,012	0,117	FALSE
0,050	0,301	0,001	0,013	0,034	FALSE
-0,021	0,314	0,000	0,009	0,016	FALSE
-0,021	0,311	0,000	0,007	0,014	FALSE
-0,101	0,316	-0,003	0,008	0,121	FALSE
-0,059	0,298	-0,002	0,007	0,080	FALSE
-0,097	0,309	-0,004	0,011	0,135	FALSE
0,035	0,336	0,002	0,011	0,054	FALSE
-0,082	0,306	-0,004	0,013	0,112	FALSE
-0,001	0,312	0,001	0,009	0,037	FALSE
0,047	0,313	0,002	0,010	0,074	FALSE
0,192	0,306	0,006	0,009	0,258	FALSE
0,014	0,312	0,000	0,007	0,023	FALSE
0,040	0,304	0,001	0,008	0,033	FALSE
0,034	0,306	0,001	0,007	0,057	FALSE
0,144	0,305	0,004	0,009	0,192	FALSE
-0,064	0,308	-0,002	0,007	0,102	FALSE
0,099	0,299	0,003	0,006	0,171	FALSE
-0,036	0,314	-0,001	0,013	0,042	FALSE
0,019	0,298	0,001	0,009	0,031	FALSE
0,002	0,301	0,000	0,007	0,015	FALSE
0,011	0,299	0,001	0,013	0,031	FALSE
0,056	0,308	0,001	0,006	0,080	FALSE
-0,064	0,312	-0,001	0,008	0,069	FALSE
-0,033	0,303	-0,001	0,010	0,024	FALSE
0,013	0,299	0,001	0,012	0,044	FALSE
0,080	0,314	0,003	0,011	0,087	FALSE
-0,084	0,305	-0,002	0,010	0,095	FALSE
0,008	0,309	0,000	0,007	0,002	FALSE
-0,154	0,301	-0,004	0,009	0,207	FALSE
0,041	0,306	0,001	0,011	0,031	FALSE
-0,087	0,313	-0,002	0,008	0,096	FALSE
0,116	0,300	0,002	0,006	0,133	FALSE
0,060	0,305	0,001	0,010	0,031	FALSE
-0,075	0,307	-0,003	0,012	0,096	FALSE
0,005	0,321	0,001	0,010	0,031	FALSE
0,051	0,302	0,002	0,012	0,067	FALSE
-0,132	0,313	-0,006	0,012	0,183	FALSE
-0,007	0,307	0,000	0,011	0,012	FALSE
-0,032	0,319	-0,001	0,012	0,034	FALSE
-0,032	0,294	-0,001	0,007	0,034	FALSE
-0,114	0,300	-0,003	0,008	0,143	FALSE
-0,015	0,317	0,000	0,013	0,005	FALSE
-0,099	0,297	-0,003	0,008	0,130	FALSE
-0,051	0,305	-0,001	0,007	0,050	FALSE
-0,107	0,301	-0,004	0,013	0,120	FALSE
-0,047	0,304	-0,001	0,008	0,053	FALSE

-0,031	0,313	-0,001	0,010	0,045	FALSE
-0,140	0,303	-0,003	0,008	0,151	FALSE
-0,002	0,307	0,000	0,009	0,008	FALSE
-0,002	0,318	-0,001	0,010	0,021	FALSE
-0,045	0,309	-0,001	0,006	0,072	FALSE
-0,077	0,314	-0,002	0,007	0,121	FALSE
-0,068	0,304	-0,001	0,006	0,084	FALSE
0,058	0,303	0,002	0,011	0,072	FALSE
-0,007	0,305	0,000	0,008	0,019	FALSE
0,063	0,312	0,002	0,009	0,069	FALSE
-0,032	0,306	-0,002	0,011	0,076	FALSE
-0,051	0,308	-0,001	0,008	0,052	FALSE
0,079	0,285	0,002	0,011	0,069	FALSE
-0,008	0,300	0,000	0,008	0,009	FALSE
0,090	0,303	0,003	0,009	0,125	FALSE
0,113	0,292	0,003	0,008	0,138	FALSE
0,053	0,296	0,002	0,008	0,084	FALSE
0,077	0,300	0,001	0,007	0,073	FALSE
0,096	0,307	0,003	0,012	0,105	FALSE
-0,192	0,303	-0,008	0,012	0,296	FALSE
-0,027	0,291	-0,002	0,010	0,058	FALSE
-0,115	0,307	-0,004	0,012	0,138	FALSE
-0,017	0,297	0,000	0,006	0,023	FALSE
-0,108	0,304	-0,005	0,012	0,156	FALSE
0,010	0,310	0,000	0,007	0,015	FALSE
0,054	0,306	0,002	0,011	0,075	FALSE
-0,093	0,312	-0,003	0,012	0,104	FALSE
0,027	0,313	0,001	0,007	0,048	FALSE
-0,104	0,310	-0,002	0,007	0,108	FALSE
0,083	0,318	0,002	0,008	0,090	FALSE
0,097	0,317	0,002	0,007	0,121	FALSE
-0,076	0,313	-0,002	0,006	0,092	FALSE
0,003	0,303	0,000	0,007	0,016	FALSE
-0,067	0,300	-0,002	0,008	0,080	FALSE
-0,004	0,311	-0,001	0,013	0,028	FALSE
0,006	0,300	0,000	0,006	0,018	FALSE
0,025	0,307	0,000	0,007	0,020	FALSE
0,002	0,312	-0,001	0,013	0,016	FALSE
0,035	0,305	0,002	0,009	0,067	FALSE
-0,108	0,319	-0,003	0,009	0,127	FALSE
-0,031	0,317	-0,002	0,012	0,054	FALSE
-0,026	0,300	0,000	0,008	0,020	FALSE
0,033	0,296	0,001	0,007	0,075	FALSE
-0,026	0,305	-0,001	0,007	0,033	FALSE
-0,085	0,297	-0,002	0,007	0,127	FALSE
-0,050	0,302	-0,001	0,007	0,066	FALSE
0,041	0,303	0,001	0,008	0,039	FALSE
-0,051	0,305	-0,004	0,012	0,115	FALSE
-0,064	0,310	-0,004	0,013	0,113	FALSE
0,014	0,311	0,000	0,013	0,000	FALSE
-0,098	0,304	-0,004	0,013	0,138	FALSE
0,031	0,301	0,002	0,008	0,077	FALSE
-0,010	0,302	0,000	0,012	0,008	FALSE

0,054	0,302	0,002	0,008	0,074	FALSE
-0,097	0,308	-0,001	0,007	0,081	FALSE
-0,023	0,310	-0,001	0,006	0,053	FALSE
0,063	0,308	0,001	0,009	0,050	FALSE
0,073	0,295	0,001	0,011	0,050	FALSE
0,067	0,301	0,003	0,012	0,092	FALSE
0,040	0,304	0,001	0,009	0,035	FALSE
0,098	0,316	0,002	0,007	0,126	FALSE
0,017	0,298	0,002	0,010	0,058	FALSE
-0,035	0,301	-0,001	0,013	0,037	FALSE
-0,082	0,302	-0,003	0,012	0,093	FALSE
0,166	0,293	0,005	0,008	0,275	FALSE
0,040	0,327	0,001	0,008	0,059	FALSE
-0,094	0,306	-0,002	0,009	0,103	FALSE
-0,066	0,292	-0,002	0,009	0,090	FALSE
-0,036	0,311	-0,001	0,007	0,029	FALSE
-0,172	0,298	-0,005	0,008	0,274	FALSE
-0,047	0,303	-0,001	0,006	0,039	FALSE
0,135	0,303	0,004	0,010	0,166	FALSE
-0,225	0,295	-0,008	0,011	0,352	FALSE
0,138	0,307	0,005	0,013	0,178	FALSE
0,084	0,303	0,002	0,011	0,071	FALSE
0,122	0,302	0,003	0,009	0,159	FALSE
-0,036	0,298	-0,001	0,008	0,048	FALSE
-0,111	0,291	-0,003	0,008	0,131	FALSE
-0,120	0,308	-0,003	0,008	0,141	FALSE
-0,029	0,307	-0,002	0,012	0,065	FALSE
-0,086	0,298	-0,004	0,011	0,125	FALSE
0,068	0,318	0,002	0,012	0,074	FALSE
0,059	0,320	0,002	0,010	0,082	FALSE
0,030	0,313	0,000	0,007	0,023	FALSE
0,018	0,321	0,000	0,013	0,012	FALSE
-0,077	0,295	-0,003	0,008	0,123	FALSE
-0,026	0,317	-0,001	0,009	0,063	FALSE
0,078	0,295	0,001	0,007	0,053	FALSE
0,017	0,305	0,001	0,012	0,024	FALSE
-0,084	0,300	-0,002	0,009	0,097	FALSE
-0,146	0,299	-0,003	0,007	0,185	FALSE
-0,002	0,311	0,000	0,008	0,010	FALSE
-0,156	0,302	-0,006	0,012	0,228	FALSE
-0,048	0,296	-0,003	0,011	0,101	FALSE
0,154	0,302	0,005	0,008	0,257	FALSE
0,067	0,307	0,002	0,008	0,092	FALSE
-0,006	0,305	0,001	0,008	0,022	FALSE
-0,059	0,298	-0,002	0,007	0,080	FALSE
-0,147	0,304	-0,006	0,012	0,203	FALSE
0,151	0,300	0,005	0,012	0,179	FALSE
0,016	0,308	0,000	0,008	0,002	FALSE
0,181	0,283	0,005	0,009	0,254	FALSE
0,015	0,303	0,001	0,007	0,052	FALSE
0,004	0,298	0,000	0,011	0,007	FALSE
0,069	0,307	0,002	0,009	0,094	FALSE
-0,046	0,306	-0,002	0,013	0,054	FALSE

0,115	0,311	0,004	0,011	0,137	FALSE
0,111	0,314	0,003	0,008	0,145	FALSE
-0,041	0,315	-0,002	0,013	0,050	FALSE
0,021	0,291	0,000	0,012	0,003	FALSE
-0,023	0,317	0,000	0,009	0,014	FALSE
0,098	0,304	0,002	0,007	0,124	FALSE
0,022	0,306	0,000	0,009	0,009	FALSE
-0,098	0,317	-0,003	0,011	0,119	FALSE
-0,101	0,312	-0,003	0,010	0,116	FALSE
-0,078	0,291	-0,003	0,011	0,093	FALSE
-0,085	0,294	-0,003	0,010	0,107	FALSE
0,030	0,317	0,001	0,008	0,022	FALSE
-0,009	0,306	0,000	0,009	0,004	FALSE
-0,124	0,304	-0,005	0,013	0,160	FALSE
0,002	0,318	-0,001	0,013	0,014	FALSE
-0,070	0,308	-0,003	0,013	0,098	FALSE
-0,025	0,313	-0,001	0,012	0,038	FALSE
0,055	0,305	0,001	0,007	0,028	FALSE
-0,028	0,315	-0,001	0,009	0,023	FALSE
-0,033	0,306	-0,001	0,010	0,027	FALSE
-0,089	0,316	-0,002	0,007	0,106	FALSE
0,070	0,299	0,002	0,007	0,111	FALSE
-0,092	0,304	-0,003	0,009	0,129	FALSE
-0,048	0,308	-0,001	0,008	0,047	FALSE
-0,061	0,307	-0,002	0,009	0,073	FALSE
-0,059	0,309	-0,003	0,012	0,080	FALSE
-0,163	0,301	-0,005	0,010	0,208	FALSE
-0,063	0,305	-0,002	0,011	0,077	FALSE
-0,055	0,320	-0,002	0,011	0,063	FALSE
0,164	0,311	0,007	0,012	0,227	FALSE
-0,148	0,321	-0,005	0,012	0,180	FALSE
-0,029	0,317	-0,001	0,010	0,042	FALSE
-0,021	0,326	-0,001	0,012	0,018	FALSE
0,030	0,323	0,001	0,011	0,026	FALSE
0,062	0,298	0,004	0,013	0,111	FALSE
-0,014	0,307	-0,001	0,012	0,020	FALSE
0,071	0,292	0,002	0,007	0,124	FALSE
0,116	0,310	0,004	0,013	0,104	FALSE
-0,033	0,300	-0,001	0,006	0,032	FALSE
0,023	0,320	0,001	0,009	0,049	FALSE
0,061	0,311	0,001	0,007	0,068	FALSE
-0,008	0,310	0,000	0,007	0,019	FALSE
-0,003	0,297	0,001	0,007	0,026	FALSE
-0,009	0,320	-0,001	0,007	0,027	FALSE
0,027	0,322	0,002	0,010	0,063	FALSE
-0,101	0,300	-0,001	0,006	0,093	FALSE
0,062	0,312	0,002	0,007	0,111	FALSE
0,014	0,311	0,001	0,013	0,022	FALSE
0,056	0,308	0,002	0,007	0,095	FALSE
-0,097	0,308	-0,002	0,006	0,113	FALSE
-0,120	0,303	-0,002	0,006	0,155	FALSE
-0,008	0,321	-0,001	0,012	0,020	FALSE
-0,113	0,305	-0,002	0,007	0,100	FALSE

0,038	0,307	0,001	0,009	0,042	FALSE
-0,034	0,302	-0,001	0,011	0,046	FALSE
-0,140	0,302	-0,004	0,008	0,203	FALSE
-0,044	0,312	-0,002	0,012	0,068	FALSE
-0,112	0,310	-0,002	0,007	0,126	FALSE
-0,076	0,313	-0,003	0,011	0,102	FALSE
0,002	0,310	0,000	0,009	0,005	FALSE
-0,071	0,301	-0,002	0,007	0,088	FALSE
-0,136	0,297	-0,006	0,013	0,210	FALSE
-0,146	0,302	-0,006	0,013	0,194	FALSE
-0,131	0,295	-0,004	0,008	0,201	FALSE
-0,099	0,298	-0,003	0,008	0,144	FALSE
0,068	0,312	0,002	0,008	0,085	FALSE
-0,004	0,303	0,000	0,008	0,004	FALSE
0,117	0,290	0,004	0,011	0,163	FALSE
0,134	0,313	0,006	0,012	0,194	FALSE
-0,047	0,302	-0,002	0,011	0,083	FALSE
-0,126	0,313	-0,003	0,009	0,134	FALSE
-0,026	0,312	0,000	0,007	0,025	FALSE
0,040	0,290	0,001	0,013	0,025	FALSE
-0,069	0,305	-0,002	0,008	0,100	FALSE
-0,053	0,299	-0,002	0,008	0,082	FALSE
0,207	0,310	0,006	0,010	0,279	FALSE
-0,063	0,285	-0,002	0,010	0,094	FALSE
0,110	0,301	0,004	0,009	0,150	FALSE
-0,067	0,310	-0,002	0,011	0,069	FALSE
0,114	0,313	0,004	0,012	0,145	FALSE
0,000	0,301	0,000	0,007	0,026	FALSE
-0,066	0,320	-0,003	0,011	0,098	FALSE
-0,023	0,301	-0,001	0,007	0,038	FALSE
0,062	0,310	0,002	0,011	0,053	FALSE
0,109	0,294	0,004	0,010	0,160	FALSE
0,007	0,306	0,000	0,007	0,010	FALSE
-0,012	0,299	-0,001	0,007	0,041	FALSE
-0,157	0,322	-0,003	0,008	0,167	FALSE
-0,029	0,313	-0,001	0,008	0,025	FALSE
0,066	0,295	0,001	0,006	0,058	FALSE
-0,013	0,301	0,000	0,007	0,022	FALSE
-0,094	0,303	-0,002	0,006	0,114	FALSE
0,078	0,308	0,003	0,012	0,081	FALSE
-0,036	0,307	0,000	0,007	0,027	FALSE
0,082	0,306	0,004	0,009	0,156	FALSE
-0,066	0,308	-0,002	0,009	0,097	FALSE
-0,045	0,304	-0,001	0,007	0,066	FALSE
0,015	0,304	-0,001	0,010	0,035	FALSE
0,039	0,312	0,003	0,012	0,089	FALSE
0,100	0,295	0,001	0,007	0,079	FALSE
-0,047	0,313	-0,002	0,007	0,087	FALSE
-0,085	0,312	-0,003	0,008	0,127	FALSE
-0,015	0,314	-0,001	0,010	0,038	FALSE
0,121	0,309	0,003	0,007	0,173	FALSE
-0,112	0,310	-0,002	0,007	0,153	FALSE
0,095	0,306	0,004	0,012	0,131	FALSE

0,110	0,307	0,004	0,009	0,178	FALSE
-0,121	0,302	-0,004	0,009	0,154	FALSE
0,081	0,304	0,002	0,008	0,085	FALSE
-0,076	0,294	-0,001	0,006	0,076	FALSE
0,080	0,304	0,002	0,007	0,125	FALSE
0,001	0,311	-0,001	0,010	0,035	FALSE
-0,087	0,297	-0,001	0,007	0,070	FALSE
0,048	0,301	0,002	0,011	0,066	FALSE
-0,183	0,306	-0,004	0,007	0,263	FALSE
-0,117	0,300	-0,005	0,013	0,169	FALSE
0,123	0,300	0,003	0,007	0,185	FALSE
-0,170	0,303	-0,003	0,006	0,216	FALSE
-0,132	0,323	-0,006	0,013	0,172	FALSE
0,057	0,313	0,001	0,007	0,062	FALSE
-0,138	0,310	-0,003	0,007	0,189	FALSE
-0,103	0,312	-0,002	0,007	0,125	FALSE
-0,066	0,311	-0,002	0,010	0,090	FALSE
0,035	0,300	0,002	0,009	0,072	FALSE
-0,004	0,323	0,000	0,010	0,005	FALSE
-0,067	0,296	-0,003	0,012	0,093	FALSE
-0,024	0,305	0,000	0,007	0,017	FALSE
-0,069	0,307	-0,003	0,012	0,080	FALSE
0,188	0,298	0,005	0,007	0,292	FALSE
-0,141	0,303	-0,005	0,010	0,205	FALSE
0,028	0,317	0,001	0,013	0,023	FALSE
0,015	0,298	0,001	0,011	0,020	FALSE
0,043	0,314	0,001	0,007	0,035	FALSE
0,087	0,297	0,002	0,011	0,079	FALSE
0,055	0,303	0,001	0,007	0,051	FALSE
0,032	0,320	0,000	0,008	0,019	FALSE
0,039	0,304	0,001	0,013	0,039	FALSE
0,044	0,304	0,002	0,012	0,045	FALSE
0,111	0,301	0,004	0,013	0,106	FALSE
0,115	0,287	0,004	0,013	0,105	FALSE
0,101	0,286	0,003	0,012	0,085	FALSE
-0,032	0,319	-0,001	0,007	0,062	FALSE
0,029	0,298	0,001	0,007	0,035	FALSE
-0,095	0,301	-0,003	0,010	0,121	FALSE
0,265	0,291	0,009	0,011	0,378	FALSE
0,102	0,290	0,002	0,007	0,134	FALSE
0,061	0,314	0,001	0,007	0,071	FALSE
0,116	0,296	0,003	0,009	0,112	FALSE
0,014	0,315	0,000	0,012	0,012	FALSE
0,045	0,300	0,001	0,011	0,026	FALSE
0,018	0,318	0,001	0,007	0,030	FALSE
0,017	0,303	0,001	0,009	0,023	FALSE
-0,101	0,323	-0,003	0,010	0,138	FALSE
-0,088	0,315	-0,002	0,008	0,109	FALSE
-0,090	0,300	-0,002	0,008	0,103	FALSE
0,095	0,306	0,003	0,011	0,110	FALSE
0,066	0,314	0,003	0,010	0,111	FALSE
-0,123	0,309	-0,003	0,008	0,144	FALSE
-0,204	0,301	-0,009	0,012	0,333	FALSE

0,128	0,300	0,007	0,012	0,223	FALSE
-0,058	0,314	-0,001	0,008	0,063	FALSE
-0,042	0,306	-0,001	0,008	0,045	FALSE
0,139	0,300	0,003	0,006	0,207	FALSE
0,055	0,303	0,002	0,013	0,052	FALSE
0,166	0,309	0,005	0,010	0,233	FALSE
-0,004	0,296	0,000	0,007	0,015	FALSE
0,086	0,311	0,003	0,013	0,094	FALSE
0,077	0,314	0,003	0,013	0,079	FALSE
0,034	0,322	0,001	0,008	0,065	FALSE
-0,051	0,305	-0,001	0,006	0,064	FALSE
0,035	0,308	0,001	0,010	0,041	FALSE
-0,047	0,309	-0,001	0,012	0,021	FALSE
-0,014	0,311	0,000	0,007	0,025	FALSE
-0,032	0,298	-0,001	0,007	0,037	FALSE
0,050	0,302	0,004	0,013	0,110	FALSE
0,050	0,303	0,001	0,010	0,041	FALSE
-0,111	0,327	-0,003	0,008	0,146	FALSE
-0,086	0,302	-0,003	0,009	0,106	FALSE
-0,060	0,300	-0,001	0,006	0,068	FALSE
0,192	0,290	0,008	0,010	0,381	FALSE
0,176	0,293	0,007	0,010	0,342	FALSE
0,206	0,285	0,009	0,010	0,417	FALSE
0,007	0,302	0,000	0,012	0,002	FALSE
0,193	0,293	0,008	0,011	0,323	FALSE
0,165	0,299	0,007	0,012	0,250	FALSE
-0,150	0,320	-0,004	0,007	0,212	FALSE
0,172	0,308	0,004	0,007	0,256	FALSE
0,167	0,304	0,004	0,007	0,280	FALSE
-0,008	0,295	-0,001	0,012	0,017	FALSE
-0,059	0,294	-0,003	0,012	0,093	FALSE
0,118	0,315	0,005	0,014	0,155	FALSE
-0,071	0,321	-0,002	0,008	0,092	FALSE
-0,057	0,310	-0,002	0,009	0,089	FALSE
0,098	0,317	0,004	0,011	0,156	FALSE
0,019	0,312	0,001	0,009	0,031	FALSE
-0,040	0,318	-0,002	0,011	0,085	FALSE
0,042	0,307	0,002	0,008	0,071	FALSE
-0,036	0,305	-0,001	0,008	0,024	FALSE
0,078	0,324	0,002	0,008	0,097	FALSE
-0,113	0,299	-0,002	0,006	0,126	FALSE
-0,082	0,302	-0,002	0,006	0,103	FALSE
-0,043	0,303	-0,001	0,008	0,057	FALSE
-0,070	0,299	-0,002	0,007	0,089	FALSE
-0,019	0,298	-0,001	0,008	0,026	FALSE
-0,048	0,313	-0,001	0,007	0,049	FALSE
0,020	0,307	0,001	0,009	0,027	FALSE
-0,045	0,321	-0,001	0,010	0,054	FALSE
0,047	0,298	0,002	0,011	0,079	FALSE
-0,034	0,307	0,000	0,009	0,004	FALSE
0,038	0,301	0,003	0,013	0,078	FALSE
0,129	0,301	0,004	0,008	0,202	FALSE
-0,061	0,306	-0,004	0,013	0,124	FALSE

0,054	0,310	0,002	0,013	0,051	FALSE
-0,067	0,303	-0,001	0,006	0,073	FALSE
0,077	0,300	0,003	0,012	0,099	FALSE
-0,083	0,314	-0,002	0,007	0,083	FALSE
0,000	0,309	0,000	0,011	0,004	FALSE
-0,012	0,302	0,000	0,011	0,006	FALSE
0,002	0,316	0,000	0,010	0,015	FALSE
-0,075	0,310	-0,003	0,012	0,085	FALSE
0,013	0,312	0,000	0,010	0,010	FALSE
-0,027	0,300	-0,001	0,007	0,039	FALSE
0,009	0,308	0,000	0,007	0,003	FALSE
0,091	0,299	0,002	0,009	0,082	FALSE
-0,019	0,305	0,000	0,007	0,017	FALSE
0,123	0,308	0,004	0,008	0,178	FALSE
-0,025	0,313	0,000	0,009	0,004	FALSE
-0,015	0,311	-0,001	0,007	0,046	FALSE
-0,016	0,293	-0,001	0,006	0,045	FALSE
-0,115	0,305	-0,003	0,009	0,120	FALSE
-0,096	0,320	-0,002	0,011	0,086	FALSE
0,102	0,293	0,002	0,008	0,106	FALSE
-0,009	0,304	0,000	0,011	0,012	FALSE
-0,086	0,303	-0,004	0,012	0,114	FALSE
0,107	0,280	0,003	0,008	0,156	FALSE
-0,095	0,308	-0,004	0,013	0,127	FALSE
0,060	0,293	0,001	0,007	0,062	FALSE
-0,032	0,303	-0,001	0,007	0,049	FALSE
0,015	0,300	0,002	0,008	0,072	FALSE
-0,023	0,313	0,000	0,008	0,011	FALSE
0,144	0,320	0,003	0,007	0,180	FALSE
0,116	0,303	0,004	0,013	0,132	FALSE
-0,084	0,323	-0,002	0,008	0,089	FALSE
0,082	0,319	0,002	0,007	0,102	FALSE
0,234	0,288	0,009	0,012	0,324	FALSE
-0,003	0,313	0,000	0,013	0,012	FALSE
0,005	0,310	0,001	0,007	0,032	FALSE
-0,024	0,308	-0,001	0,012	0,021	FALSE
-0,035	0,299	-0,001	0,007	0,056	FALSE
-0,093	0,312	-0,003	0,010	0,110	FALSE
-0,013	0,315	-0,002	0,013	0,043	FALSE
0,139	0,303	0,002	0,007	0,150	FALSE
0,006	0,312	0,000	0,010	0,008	FALSE
0,013	0,314	0,000	0,007	0,023	FALSE
-0,171	0,285	-0,005	0,008	0,249	FALSE
0,104	0,315	0,004	0,013	0,131	FALSE
-0,069	0,305	-0,002	0,008	0,074	FALSE
0,020	0,318	0,000	0,007	0,021	FALSE
-0,030	0,300	0,000	0,007	0,017	FALSE
-0,163	0,319	-0,005	0,009	0,224	FALSE
-0,012	0,315	-0,001	0,012	0,036	FALSE
0,131	0,318	0,004	0,010	0,171	FALSE
0,039	0,315	0,002	0,009	0,067	FALSE
-0,021	0,316	-0,001	0,006	0,032	FALSE
0,040	0,308	0,002	0,010	0,063	FALSE

0,137	0,300	0,004	0,009	0,180	FALSE
-0,015	0,294	0,000	0,009	0,008	FALSE
-0,062	0,303	-0,003	0,012	0,080	FALSE
0,026	0,301	0,000	0,011	0,009	FALSE
-0,141	0,304	-0,004	0,008	0,189	FALSE
0,032	0,308	0,002	0,010	0,063	FALSE
-0,152	0,315	-0,004	0,010	0,179	FALSE
0,049	0,313	0,002	0,013	0,052	FALSE
-0,004	0,304	-0,001	0,011	0,022	FALSE
0,018	0,324	0,000	0,008	0,002	FALSE
0,060	0,315	0,001	0,007	0,055	FALSE
-0,072	0,310	-0,002	0,009	0,106	FALSE
-0,007	0,305	0,000	0,012	0,009	FALSE
0,011	0,309	0,000	0,008	0,014	FALSE
0,135	0,304	0,003	0,008	0,157	FALSE
0,042	0,290	0,002	0,013	0,054	FALSE
0,043	0,318	0,001	0,007	0,080	FALSE
0,086	0,304	0,003	0,011	0,093	FALSE
-0,065	0,312	-0,001	0,007	0,064	FALSE
-0,014	0,300	0,000	0,011	0,013	FALSE
-0,029	0,305	-0,002	0,009	0,071	FALSE
0,004	0,302	0,000	0,007	0,003	FALSE
0,016	0,300	0,001	0,008	0,054	FALSE
-0,051	0,296	0,000	0,007	0,022	FALSE
0,113	0,300	0,004	0,009	0,188	FALSE
-0,204	0,315	-0,008	0,012	0,289	FALSE
-0,025	0,308	0,000	0,009	0,012	FALSE
0,042	0,320	0,001	0,011	0,030	FALSE
-0,093	0,306	-0,003	0,012	0,096	FALSE
0,035	0,300	0,001	0,009	0,054	FALSE
0,026	0,311	0,001	0,009	0,046	FALSE
0,081	0,310	0,002	0,009	0,104	FALSE
0,151	0,309	0,007	0,013	0,214	FALSE
0,076	0,309	0,002	0,007	0,094	FALSE
0,038	0,308	0,001	0,010	0,035	FALSE
-0,110	0,315	-0,003	0,009	0,136	FALSE
-0,043	0,316	-0,002	0,009	0,060	FALSE
-0,005	0,308	0,000	0,009	0,016	FALSE
-0,057	0,301	-0,002	0,011	0,068	FALSE
0,052	0,301	0,002	0,010	0,065	FALSE
0,093	0,325	0,002	0,008	0,107	FALSE
0,007	0,307	0,001	0,011	0,023	FALSE
0,013	0,316	0,001	0,011	0,031	FALSE
0,020	0,303	0,000	0,007	0,014	FALSE
-0,008	0,309	0,000	0,007	0,006	FALSE
0,056	0,315	0,002	0,011	0,089	FALSE
-0,027	0,317	0,000	0,008	0,018	FALSE
0,001	0,309	-0,002	0,013	0,042	FALSE
0,066	0,317	0,003	0,013	0,095	FALSE
0,142	0,301	0,005	0,011	0,181	FALSE
-0,014	0,308	-0,001	0,008	0,031	FALSE
-0,117	0,300	-0,003	0,008	0,141	FALSE
0,034	0,298	0,002	0,010	0,054	FALSE

-0,033	0,308	0,000	0,008	0,021	FALSE
-0,013	0,303	-0,001	0,010	0,023	FALSE
-0,034	0,317	-0,001	0,011	0,047	FALSE
-0,109	0,308	-0,006	0,013	0,183	FALSE
0,044	0,309	0,001	0,008	0,060	FALSE
0,041	0,319	0,001	0,008	0,031	FALSE
-0,060	0,310	-0,002	0,011	0,071	FALSE
0,002	0,304	-0,001	0,012	0,020	FALSE
0,025	0,306	0,002	0,013	0,054	FALSE
0,000	0,308	0,000	0,007	0,005	FALSE
0,045	0,301	0,001	0,007	0,057	FALSE
-0,029	0,306	-0,001	0,007	0,033	FALSE
0,021	0,288	0,000	0,009	0,020	FALSE
0,012	0,308	0,000	0,008	0,009	FALSE
0,036	0,293	0,001	0,009	0,032	FALSE
-0,040	0,303	-0,001	0,008	0,042	FALSE
0,097	0,298	0,003	0,007	0,161	FALSE
0,090	0,302	0,004	0,011	0,146	FALSE
-0,033	0,311	-0,002	0,013	0,048	FALSE
0,014	0,315	0,000	0,007	0,018	FALSE
0,081	0,294	0,004	0,012	0,136	FALSE
-0,104	0,312	-0,003	0,008	0,119	FALSE
0,058	0,316	0,001	0,009	0,043	FALSE
-0,029	0,305	-0,001	0,007	0,028	FALSE
0,046	0,307	0,002	0,009	0,068	FALSE
-0,022	0,311	0,000	0,010	0,016	FALSE
0,159	0,297	0,004	0,007	0,230	FALSE
0,102	0,303	0,003	0,011	0,115	FALSE
0,105	0,312	0,002	0,008	0,116	FALSE
0,100	0,303	0,002	0,008	0,102	FALSE
0,005	0,314	0,000	0,012	0,008	FALSE
0,112	0,309	0,006	0,013	0,197	FALSE
0,196	0,290	0,007	0,011	0,281	FALSE
0,114	0,301	0,004	0,008	0,179	FALSE
-0,050	0,297	-0,001	0,007	0,077	FALSE
0,038	0,325	0,002	0,010	0,058	FALSE
-0,119	0,296	-0,002	0,006	0,124	FALSE
-0,017	0,299	0,000	0,007	0,024	FALSE
0,007	0,319	0,000	0,006	0,007	FALSE
0,024	0,306	0,001	0,009	0,028	FALSE
-0,069	0,304	-0,002	0,009	0,102	FALSE
-0,002	0,295	0,001	0,010	0,020	FALSE
-0,063	0,309	-0,002	0,012	0,064	FALSE
-0,059	0,320	-0,001	0,007	0,063	FALSE
-0,137	0,308	-0,004	0,008	0,176	FALSE
-0,077	0,312	-0,003	0,013	0,075	FALSE
-0,049	0,312	-0,002	0,010	0,069	FALSE
-0,040	0,305	-0,001	0,009	0,046	FALSE
0,029	0,311	0,001	0,011	0,038	FALSE
-0,012	0,302	-0,001	0,009	0,027	FALSE
-0,013	0,312	-0,001	0,010	0,032	FALSE
-0,152	0,291	-0,005	0,010	0,198	FALSE
0,056	0,299	0,003	0,010	0,105	FALSE

-0,012	0,300	0,000	0,007	0,021	FALSE
-0,024	0,307	0,000	0,007	0,012	FALSE
0,092	0,318	0,002	0,007	0,113	FALSE
0,014	0,303	0,000	0,012	0,013	FALSE
-0,013	0,305	-0,001	0,013	0,042	FALSE
-0,003	0,301	-0,001	0,011	0,018	FALSE
-0,128	0,290	-0,006	0,012	0,202	FALSE
-0,169	0,312	-0,004	0,008	0,233	FALSE
-0,090	0,313	-0,003	0,009	0,111	FALSE
0,023	0,303	0,000	0,007	0,001	FALSE
0,094	0,299	0,005	0,012	0,158	FALSE
0,024	0,311	0,001	0,007	0,037	FALSE
-0,006	0,307	0,000	0,007	0,001	FALSE
-0,012	0,305	-0,002	0,012	0,056	FALSE
0,128	0,292	0,006	0,012	0,193	FALSE
-0,009	0,297	-0,001	0,007	0,038	FALSE
-0,052	0,303	-0,002	0,010	0,082	FALSE
0,005	0,323	0,000	0,013	0,005	FALSE
0,044	0,313	0,001	0,009	0,048	FALSE
0,097	0,294	0,003	0,007	0,177	FALSE
0,042	0,312	0,001	0,008	0,042	FALSE
0,022	0,321	0,001	0,012	0,029	FALSE
-0,179	0,281	-0,004	0,006	0,288	FALSE
0,095	0,311	0,004	0,011	0,127	FALSE
0,131	0,325	0,005	0,012	0,158	FALSE
0,113	0,316	0,004	0,012	0,149	FALSE
0,097	0,315	0,002	0,008	0,106	FALSE
0,042	0,306	0,003	0,013	0,079	FALSE
0,014	0,300	0,001	0,012	0,044	FALSE
-0,090	0,299	-0,003	0,012	0,091	FALSE
0,077	0,309	0,002	0,008	0,098	FALSE
-0,003	0,312	0,000	0,007	0,004	FALSE
0,024	0,296	0,000	0,009	0,005	FALSE
0,062	0,304	0,001	0,006	0,087	FALSE
0,095	0,298	0,004	0,010	0,158	FALSE
-0,050	0,305	-0,002	0,008	0,086	FALSE
-0,105	0,310	-0,004	0,009	0,157	FALSE
-0,082	0,300	-0,003	0,009	0,125	FALSE
-0,103	0,318	-0,003	0,010	0,138	FALSE
-0,045	0,298	-0,003	0,012	0,094	FALSE
-0,017	0,305	-0,002	0,012	0,046	FALSE
-0,009	0,307	0,000	0,007	0,001	FALSE
-0,109	0,305	-0,003	0,008	0,146	FALSE
0,015	0,303	0,001	0,012	0,018	FALSE
-0,106	0,315	-0,002	0,007	0,113	FALSE
0,099	0,302	0,002	0,007	0,114	FALSE
-0,032	0,305	-0,001	0,007	0,028	FALSE
-0,004	0,309	0,000	0,010	0,005	FALSE
0,011	0,310	0,000	0,009	0,013	FALSE
0,087	0,309	0,003	0,008	0,139	FALSE
-0,020	0,314	-0,001	0,009	0,046	FALSE
0,017	0,313	0,000	0,009	0,012	FALSE
0,005	0,309	0,000	0,007	0,002	FALSE

0,073	0,310	0,001	0,007	0,075	FALSE
-0,036	0,316	-0,002	0,012	0,055	FALSE
0,126	0,293	0,004	0,008	0,188	FALSE
-0,074	0,302	-0,002	0,010	0,074	FALSE
-0,020	0,311	-0,001	0,007	0,027	FALSE
-0,008	0,307	0,000	0,008	0,006	FALSE
-0,062	0,316	-0,003	0,013	0,091	FALSE
-0,023	0,306	-0,001	0,011	0,038	FALSE
0,083	0,289	0,002	0,008	0,126	FALSE
0,032	0,304	0,001	0,009	0,035	FALSE
0,049	0,314	0,002	0,007	0,106	FALSE
-0,097	0,310	-0,004	0,012	0,147	FALSE
-0,002	0,309	-0,001	0,010	0,024	FALSE
0,012	0,301	0,000	0,007	0,017	FALSE
-0,133	0,296	-0,005	0,012	0,165	FALSE
0,030	0,293	0,000	0,010	0,002	FALSE
0,066	0,299	0,002	0,013	0,074	FALSE
0,001	0,306	0,000	0,006	0,012	FALSE
-0,020	0,311	-0,001	0,009	0,028	FALSE
-0,029	0,309	-0,001	0,007	0,058	FALSE
-0,002	0,337	0,000	0,013	0,002	FALSE
-0,004	0,307	0,000	0,012	0,006	FALSE
-0,032	0,310	-0,002	0,011	0,055	FALSE
-0,118	0,295	-0,004	0,010	0,168	FALSE
0,043	0,298	0,001	0,012	0,030	FALSE
-0,010	0,306	0,000	0,011	0,003	FALSE
0,166	0,303	0,003	0,007	0,187	FALSE
-0,001	0,304	0,000	0,011	0,008	FALSE
-0,071	0,319	-0,002	0,007	0,095	FALSE
0,117	0,301	0,003	0,008	0,171	FALSE
-0,014	0,315	-0,001	0,010	0,028	FALSE
0,062	0,311	0,001	0,008	0,064	FALSE
-0,033	0,325	-0,001	0,012	0,040	FALSE
-0,013	0,305	-0,002	0,013	0,057	FALSE
0,046	0,319	0,003	0,013	0,085	FALSE
0,050	0,317	0,001	0,008	0,035	FALSE
0,010	0,314	0,000	0,013	0,001	FALSE
0,179	0,305	0,004	0,008	0,230	FALSE
-0,072	0,306	-0,003	0,013	0,095	FALSE
0,269	0,287	0,008	0,008	0,437	FALSE
0,245	0,285	0,007	0,009	0,381	FALSE
0,011	0,305	0,000	0,010	0,006	FALSE
0,023	0,312	0,001	0,011	0,036	FALSE
0,054	0,312	0,001	0,007	0,062	FALSE
-0,095	0,310	-0,002	0,007	0,098	FALSE
0,063	0,301	0,001	0,011	0,020	FALSE
0,047	0,304	0,001	0,007	0,037	FALSE
0,004	0,304	0,000	0,009	0,001	FALSE
-0,008	0,306	0,000	0,009	0,014	FALSE
-0,010	0,310	0,000	0,007	0,013	FALSE
0,062	0,324	0,001	0,007	0,052	FALSE
0,042	0,308	0,001	0,012	0,031	FALSE
0,030	0,293	0,001	0,009	0,029	FALSE

0,094	0,301	0,004	0,013	0,128	FALSE
-0,021	0,301	-0,001	0,013	0,037	FALSE
0,035	0,294	0,001	0,007	0,060	FALSE
-0,024	0,326	0,000	0,009	0,011	FALSE
0,048	0,305	0,001	0,007	0,047	FALSE
0,037	0,309	0,001	0,011	0,021	FALSE
0,195	0,304	0,004	0,007	0,228	FALSE
0,071	0,314	0,002	0,009	0,089	FALSE
-0,136	0,292	-0,004	0,010	0,166	FALSE
0,079	0,308	0,003	0,012	0,097	FALSE
-0,028	0,320	-0,001	0,011	0,043	FALSE
0,042	0,308	0,001	0,010	0,050	FALSE
-0,021	0,326	0,000	0,009	0,006	FALSE
-0,110	0,307	-0,003	0,008	0,169	FALSE
0,101	0,317	0,002	0,009	0,079	FALSE
0,027	0,310	0,000	0,010	0,003	FALSE
0,046	0,308	0,001	0,010	0,024	FALSE
0,012	0,294	0,000	0,009	0,013	FALSE
-0,070	0,294	-0,002	0,011	0,064	FALSE
-0,048	0,306	-0,001	0,011	0,048	FALSE
-0,060	0,312	-0,001	0,007	0,056	FALSE
0,042	0,298	0,000	0,007	0,024	FALSE
0,081	0,323	0,002	0,007	0,112	FALSE
0,013	0,301	0,000	0,008	0,010	FALSE
-0,066	0,310	-0,002	0,007	0,083	FALSE
0,069	0,309	0,002	0,008	0,072	FALSE
-0,005	0,315	0,000	0,009	0,003	FALSE
0,033	0,309	0,001	0,012	0,032	FALSE
0,039	0,310	0,001	0,012	0,036	FALSE
0,052	0,309	0,002	0,009	0,089	FALSE
0,005	0,300	0,001	0,011	0,031	FALSE
-0,018	0,314	0,000	0,007	0,004	FALSE
0,043	0,307	0,001	0,013	0,017	FALSE
0,040	0,321	0,001	0,013	0,022	FALSE
-0,083	0,318	-0,003	0,011	0,120	FALSE
0,016	0,318	0,001	0,009	0,022	FALSE
0,009	0,311	0,001	0,008	0,031	FALSE
-0,017	0,316	-0,001	0,009	0,028	FALSE
-0,092	0,303	-0,002	0,007	0,116	FALSE
0,047	0,302	0,001	0,007	0,077	FALSE
0,000	0,309	-0,001	0,009	0,032	FALSE
-0,024	0,307	-0,001	0,013	0,026	FALSE
0,016	0,311	0,000	0,006	0,020	FALSE
-0,022	0,320	-0,001	0,010	0,033	FALSE
-0,148	0,289	-0,003	0,006	0,193	FALSE
-0,022	0,300	-0,001	0,007	0,029	FALSE
0,036	0,323	0,001	0,008	0,064	FALSE
0,021	0,310	0,001	0,008	0,042	FALSE
-0,029	0,313	-0,001	0,007	0,034	FALSE
0,043	0,301	0,001	0,006	0,056	FALSE
-0,008	0,312	0,000	0,007	0,001	FALSE
0,051	0,312	0,001	0,007	0,063	FALSE
-0,063	0,309	-0,001	0,008	0,064	FALSE

0,053	0,306	0,002	0,010	0,071	FALSE
0,023	0,316	0,001	0,010	0,021	FALSE
-0,008	0,312	0,000	0,009	0,008	FALSE
-0,058	0,310	-0,001	0,008	0,067	FALSE
0,092	0,315	0,003	0,008	0,140	FALSE
0,068	0,321	0,003	0,011	0,099	FALSE
-0,020	0,307	0,000	0,009	0,000	FALSE
0,009	0,318	0,000	0,007	0,000	FALSE
0,082	0,305	0,003	0,012	0,098	FALSE
-0,131	0,311	-0,003	0,006	0,161	FALSE
-0,098	0,298	-0,003	0,010	0,112	FALSE
-0,053	0,308	-0,001	0,007	0,064	FALSE
-0,034	0,309	-0,001	0,007	0,046	FALSE
0,122	0,296	0,003	0,009	0,141	FALSE
0,030	0,313	0,001	0,009	0,056	FALSE
-0,030	0,318	-0,001	0,008	0,049	FALSE
-0,084	0,313	-0,002	0,009	0,096	FALSE
-0,046	0,303	-0,002	0,010	0,079	FALSE
0,048	0,303	0,001	0,011	0,050	FALSE
0,010	0,312	0,000	0,009	0,013	FALSE
0,018	0,316	0,002	0,011	0,067	FALSE
-0,031	0,304	-0,002	0,007	0,078	FALSE
0,032	0,316	0,000	0,007	0,021	FALSE
-0,106	0,299	-0,005	0,012	0,174	FALSE
-0,012	0,320	0,000	0,010	0,000	FALSE
-0,083	0,316	-0,002	0,007	0,101	FALSE
0,089	0,307	0,002	0,008	0,119	FALSE
0,080	0,308	0,003	0,012	0,093	FALSE
-0,101	0,293	-0,002	0,009	0,093	FALSE
-0,013	0,326	0,000	0,013	0,002	FALSE
0,063	0,322	0,001	0,013	0,041	FALSE
-0,124	0,290	-0,005	0,012	0,160	FALSE
-0,045	0,297	-0,002	0,012	0,048	FALSE
-0,029	0,309	-0,001	0,010	0,018	FALSE
-0,105	0,298	-0,002	0,008	0,110	FALSE
-0,034	0,305	-0,001	0,007	0,032	FALSE
0,023	0,311	0,000	0,012	0,008	FALSE
0,099	0,310	0,004	0,011	0,136	FALSE
0,001	0,294	0,001	0,012	0,016	FALSE
-0,075	0,316	-0,002	0,010	0,084	FALSE
0,080	0,298	0,002	0,006	0,106	FALSE
-0,031	0,309	-0,002	0,013	0,044	FALSE
-0,004	0,311	0,000	0,009	0,002	FALSE
-0,121	0,306	-0,005	0,011	0,190	FALSE
0,084	0,291	0,002	0,010	0,083	FALSE
-0,043	0,306	-0,001	0,009	0,047	FALSE
-0,082	0,313	-0,002	0,007	0,115	FALSE
-0,017	0,315	-0,001	0,007	0,034	FALSE
0,030	0,311	0,001	0,008	0,031	FALSE
0,162	0,311	0,005	0,010	0,228	FALSE
0,008	0,316	0,000	0,007	0,016	FALSE
-0,160	0,305	-0,004	0,007	0,228	FALSE
0,024	0,311	0,001	0,011	0,025	FALSE

0,039	0,305	0,002	0,010	0,087	FALSE
-0,014	0,314	0,000	0,008	0,004	FALSE
0,024	0,311	0,001	0,010	0,039	FALSE
0,064	0,302	0,002	0,007	0,089	FALSE
0,011	0,317	0,000	0,008	0,009	FALSE
-0,011	0,292	0,000	0,008	0,000	FALSE
-0,096	0,312	-0,004	0,011	0,128	FALSE
-0,064	0,304	-0,001	0,006	0,068	FALSE
0,040	0,304	0,001	0,010	0,027	FALSE
-0,011	0,309	-0,001	0,011	0,027	FALSE
0,085	0,304	0,002	0,010	0,070	FALSE
0,089	0,311	0,003	0,007	0,160	FALSE
0,038	0,312	0,002	0,012	0,067	FALSE
-0,002	0,300	0,000	0,009	0,017	FALSE
0,065	0,312	0,002	0,012	0,076	FALSE
-0,073	0,307	-0,001	0,007	0,073	FALSE
-0,006	0,314	0,000	0,008	0,010	FALSE
-0,004	0,302	0,000	0,007	0,001	FALSE
0,005	0,316	0,000	0,008	0,021	FALSE
0,063	0,304	0,002	0,008	0,085	FALSE
0,079	0,311	0,003	0,011	0,094	FALSE
-0,195	0,284	-0,006	0,008	0,327	FALSE
-0,046	0,306	-0,001	0,013	0,037	FALSE
0,013	0,297	0,001	0,010	0,039	FALSE
0,054	0,312	0,001	0,008	0,053	FALSE
-0,143	0,313	-0,006	0,013	0,185	FALSE
-0,094	0,308	-0,003	0,011	0,112	FALSE
-0,066	0,294	-0,001	0,007	0,037	FALSE
-0,007	0,302	0,001	0,007	0,027	FALSE
-0,064	0,287	-0,003	0,009	0,113	FALSE
-0,074	0,303	-0,002	0,009	0,089	FALSE
-0,113	0,299	-0,002	0,007	0,135	FALSE
-0,034	0,304	-0,001	0,007	0,031	FALSE
0,018	0,305	0,000	0,013	0,000	FALSE
-0,022	0,297	0,000	0,009	0,004	FALSE
-0,111	0,293	-0,004	0,012	0,132	FALSE
-0,013	0,320	-0,001	0,007	0,026	FALSE
0,077	0,295	0,002	0,007	0,100	FALSE
0,006	0,304	0,001	0,008	0,024	FALSE
0,026	0,313	0,001	0,006	0,041	FALSE
-0,098	0,317	-0,003	0,009	0,109	FALSE
0,005	0,311	0,001	0,012	0,027	FALSE
0,041	0,310	0,001	0,007	0,058	FALSE
0,004	0,306	0,000	0,011	0,005	FALSE
0,022	0,305	0,001	0,011	0,026	FALSE
-0,007	0,303	-0,001	0,012	0,019	FALSE
0,062	0,304	0,001	0,007	0,058	FALSE
0,025	0,312	0,001	0,008	0,025	FALSE
0,010	0,300	0,000	0,012	0,012	FALSE
-0,044	0,310	-0,001	0,013	0,036	FALSE
0,073	0,303	0,002	0,006	0,097	FALSE
-0,059	0,298	-0,003	0,011	0,112	FALSE
-0,063	0,318	-0,001	0,007	0,064	FALSE

-0,019	0,310	0,000	0,010	0,003	FALSE
-0,065	0,304	-0,001	0,007	0,071	FALSE
0,063	0,288	0,003	0,012	0,091	FALSE
-0,048	0,299	-0,002	0,008	0,067	FALSE
0,016	0,310	0,001	0,013	0,039	FALSE
-0,041	0,309	-0,001	0,008	0,027	FALSE
-0,164	0,309	-0,003	0,006	0,189	FALSE
-0,055	0,302	-0,001	0,007	0,062	FALSE
-0,073	0,313	-0,002	0,008	0,080	FALSE
-0,062	0,309	-0,003	0,012	0,094	FALSE
-0,068	0,310	-0,003	0,013	0,079	FALSE
0,007	0,311	0,000	0,007	0,014	FALSE
-0,038	0,309	-0,001	0,011	0,046	FALSE
-0,015	0,319	0,000	0,008	0,009	FALSE
-0,089	0,310	-0,003	0,010	0,129	FALSE
-0,014	0,309	-0,001	0,012	0,018	FALSE
-0,059	0,324	-0,002	0,012	0,065	FALSE
0,070	0,324	0,002	0,008	0,079	FALSE
-0,080	0,318	-0,002	0,008	0,089	FALSE
-0,021	0,315	0,000	0,009	0,008	FALSE
0,096	0,302	0,003	0,012	0,106	FALSE
0,013	0,321	0,000	0,011	0,007	FALSE
-0,040	0,302	-0,002	0,012	0,057	FALSE
0,005	0,304	0,000	0,012	0,008	FALSE
0,031	0,295	0,001	0,010	0,047	FALSE
-0,025	0,305	0,000	0,006	0,024	FALSE
0,072	0,301	0,004	0,012	0,117	FALSE
-0,041	0,299	-0,001	0,007	0,054	FALSE
-0,056	0,315	-0,002	0,012	0,076	FALSE
-0,097	0,310	-0,003	0,009	0,113	FALSE
-0,072	0,302	-0,002	0,011	0,081	FALSE
0,001	0,306	-0,001	0,011	0,022	FALSE
-0,028	0,306	-0,001	0,010	0,043	FALSE
0,014	0,304	-0,001	0,012	0,020	FALSE
-0,008	0,303	0,000	0,007	0,012	FALSE
-0,038	0,306	-0,002	0,010	0,071	FALSE
-0,140	0,320	-0,003	0,008	0,169	FALSE
0,028	0,309	0,002	0,010	0,060	FALSE
0,013	0,317	0,001	0,011	0,035	FALSE
0,031	0,303	0,001	0,008	0,049	FALSE
0,082	0,305	0,002	0,006	0,104	FALSE
-0,094	0,304	-0,002	0,007	0,109	FALSE
-0,144	0,297	-0,007	0,012	0,228	FALSE
-0,034	0,310	-0,001	0,007	0,043	FALSE
0,004	0,308	0,001	0,007	0,029	FALSE
-0,056	0,296	-0,003	0,012	0,077	FALSE
0,062	0,316	0,002	0,008	0,088	FALSE
-0,020	0,305	0,000	0,007	0,006	FALSE
-0,027	0,310	0,000	0,007	0,013	FALSE
0,069	0,307	0,001	0,007	0,084	FALSE
0,009	0,311	0,000	0,008	0,014	FALSE
0,079	0,319	0,002	0,006	0,093	FALSE
0,102	0,312	0,003	0,007	0,147	FALSE

0,102	0,293	0,002	0,006	0,142	FALSE
0,091	0,314	0,003	0,013	0,098	FALSE
-0,029	0,308	-0,002	0,011	0,053	FALSE
-0,016	0,298	-0,001	0,011	0,021	FALSE
0,063	0,329	0,001	0,010	0,033	FALSE
0,029	0,293	0,003	0,011	0,093	FALSE
-0,085	0,297	-0,003	0,011	0,088	FALSE
0,137	0,297	0,004	0,009	0,180	FALSE
-0,039	0,303	-0,002	0,011	0,049	FALSE
0,097	0,293	0,003	0,012	0,108	FALSE
-0,079	0,305	-0,003	0,012	0,102	FALSE
-0,076	0,306	-0,003	0,012	0,093	FALSE
-0,085	0,307	-0,003	0,012	0,103	FALSE
0,019	0,317	0,001	0,007	0,041	FALSE
0,119	0,305	0,003	0,007	0,144	FALSE
0,004	0,313	0,001	0,013	0,017	FALSE
0,043	0,318	0,001	0,007	0,054	FALSE
0,039	0,314	0,001	0,013	0,039	FALSE
0,011	0,293	0,000	0,010	0,008	FALSE
-0,013	0,304	-0,001	0,013	0,023	FALSE
-0,053	0,307	-0,003	0,012	0,105	FALSE
0,102	0,309	0,003	0,010	0,117	FALSE
-0,001	0,308	-0,001	0,009	0,021	FALSE
0,036	0,313	0,001	0,008	0,053	FALSE
0,038	0,307	0,002	0,009	0,080	FALSE
-0,054	0,309	-0,001	0,010	0,052	FALSE
0,006	0,313	0,000	0,010	0,007	FALSE
0,146	0,305	0,006	0,013	0,189	FALSE
0,012	0,298	0,001	0,010	0,029	FALSE
-0,024	0,310	0,000	0,007	0,006	FALSE
-0,033	0,296	-0,001	0,012	0,027	FALSE
0,054	0,315	0,001	0,006	0,046	FALSE
-0,001	0,298	-0,001	0,012	0,027	FALSE
-0,015	0,313	0,000	0,011	0,010	FALSE
0,002	0,307	0,000	0,007	0,002	FALSE
-0,055	0,307	-0,003	0,013	0,087	FALSE
0,037	0,309	0,001	0,007	0,063	FALSE
-0,039	0,295	-0,001	0,012	0,037	FALSE
0,038	0,301	0,001	0,007	0,053	FALSE
0,100	0,316	0,003	0,010	0,115	FALSE
0,054	0,310	0,001	0,012	0,029	FALSE
0,080	0,304	0,002	0,007	0,098	FALSE
-0,019	0,314	-0,001	0,010	0,031	FALSE
0,013	0,302	0,000	0,006	0,018	FALSE
-0,101	0,290	-0,002	0,008	0,104	FALSE
-0,036	0,311	-0,001	0,007	0,044	FALSE
-0,026	0,308	-0,001	0,007	0,027	FALSE
-0,042	0,304	-0,001	0,007	0,057	FALSE
0,056	0,310	0,002	0,012	0,060	FALSE
0,013	0,304	0,001	0,009	0,044	FALSE
-0,060	0,306	-0,001	0,008	0,052	FALSE
0,068	0,301	0,002	0,008	0,092	FALSE
-0,051	0,313	-0,001	0,009	0,046	FALSE

-0,035	0,301	-0,001	0,008	0,026	FALSE
-0,030	0,313	-0,001	0,010	0,041	FALSE
-0,046	0,304	-0,001	0,006	0,055	FALSE
-0,137	0,302	-0,004	0,009	0,174	FALSE
0,048	0,317	0,001	0,008	0,059	FALSE
0,143	0,292	0,005	0,008	0,238	FALSE
-0,005	0,289	-0,001	0,012	0,024	FALSE
0,141	0,298	0,003	0,007	0,186	FALSE
0,025	0,299	0,001	0,006	0,035	FALSE
-0,011	0,313	-0,001	0,010	0,031	FALSE
-0,021	0,308	-0,001	0,009	0,027	FALSE
0,057	0,306	0,003	0,012	0,088	FALSE
-0,094	0,311	-0,002	0,009	0,079	FALSE
-0,056	0,301	-0,002	0,008	0,076	FALSE
0,103	0,279	0,005	0,010	0,183	FALSE
-0,142	0,314	-0,004	0,010	0,177	FALSE
0,010	0,307	0,000	0,009	0,016	FALSE
0,129	0,302	0,003	0,007	0,156	FALSE
-0,053	0,301	-0,002	0,010	0,071	FALSE
0,116	0,318	0,004	0,011	0,162	FALSE
-0,134	0,293	-0,003	0,007	0,211	FALSE
0,111	0,297	0,003	0,007	0,147	FALSE
0,004	0,299	0,000	0,007	0,015	FALSE
-0,012	0,301	0,000	0,006	0,014	FALSE
-0,146	0,302	-0,004	0,007	0,222	FALSE
0,073	0,307	0,002	0,006	0,107	FALSE
0,022	0,313	0,001	0,008	0,036	FALSE
0,004	0,306	0,000	0,007	0,005	FALSE
0,000	0,320	0,001	0,011	0,024	FALSE
0,098	0,300	0,004	0,011	0,156	FALSE
0,004	0,301	0,000	0,008	0,005	FALSE
0,016	0,300	0,001	0,012	0,028	FALSE
0,000	0,302	0,000	0,010	0,001	FALSE
0,044	0,318	0,001	0,007	0,062	FALSE
0,025	0,311	0,001	0,006	0,048	FALSE
-0,001	0,306	-0,001	0,012	0,032	FALSE
0,020	0,301	0,002	0,011	0,060	FALSE
0,019	0,301	0,000	0,007	0,003	FALSE
0,072	0,302	0,003	0,009	0,125	FALSE
-0,104	0,306	-0,003	0,008	0,148	FALSE
0,055	0,296	0,001	0,013	0,037	FALSE
-0,044	0,307	-0,001	0,008	0,056	FALSE
-0,142	0,299	-0,006	0,012	0,204	FALSE
-0,125	0,306	-0,005	0,011	0,177	FALSE
-0,096	0,310	-0,004	0,013	0,112	FALSE
-0,099	0,313	-0,004	0,012	0,112	FALSE
0,064	0,305	0,002	0,010	0,085	FALSE
0,086	0,314	0,003	0,009	0,107	FALSE
-0,008	0,289	0,000	0,006	0,005	FALSE
-0,054	0,307	-0,002	0,010	0,054	FALSE
-0,038	0,304	-0,001	0,007	0,078	FALSE
0,123	0,303	0,005	0,011	0,169	FALSE
0,006	0,302	0,000	0,010	0,002	FALSE

0,123	0,301	0,003	0,007	0,156	FALSE
0,082	0,308	0,002	0,007	0,120	FALSE
0,063	0,306	0,002	0,013	0,065	FALSE
-0,136	0,294	-0,004	0,008	0,185	FALSE
-0,108	0,311	-0,002	0,007	0,135	FALSE
-0,083	0,308	-0,004	0,013	0,107	FALSE
-0,079	0,308	-0,002	0,007	0,135	FALSE
-0,021	0,300	0,000	0,007	0,013	FALSE
0,012	0,300	0,001	0,013	0,028	FALSE
0,055	0,291	0,001	0,012	0,031	FALSE
-0,192	0,298	-0,007	0,010	0,310	FALSE
0,033	0,308	0,001	0,006	0,042	FALSE
-0,084	0,313	-0,002	0,007	0,084	FALSE
0,048	0,311	0,002	0,011	0,062	FALSE
0,065	0,305	0,002	0,008	0,092	FALSE
0,163	0,310	0,005	0,010	0,217	FALSE
-0,049	0,312	-0,001	0,007	0,069	FALSE
-0,017	0,314	0,000	0,012	0,013	FALSE
0,047	0,322	0,001	0,007	0,073	FALSE
0,216	0,290	0,006	0,008	0,323	FALSE
0,062	0,291	0,002	0,006	0,134	FALSE
-0,012	0,326	-0,001	0,010	0,026	FALSE
0,099	0,307	0,004	0,011	0,136	FALSE
-0,054	0,303	-0,002	0,010	0,087	FALSE
-0,056	0,318	-0,001	0,007	0,037	FALSE
0,084	0,309	0,001	0,007	0,068	FALSE
0,078	0,309	0,001	0,008	0,058	FALSE
0,104	0,312	0,003	0,008	0,131	FALSE
-0,065	0,316	-0,002	0,009	0,060	FALSE
0,010	0,321	-0,001	0,013	0,017	FALSE
0,041	0,309	0,003	0,012	0,084	FALSE
0,024	0,302	0,002	0,010	0,063	FALSE
0,013	0,315	0,001	0,010	0,042	FALSE
-0,035	0,315	-0,001	0,013	0,019	FALSE
-0,024	0,314	0,000	0,013	0,007	FALSE
-0,073	0,307	-0,003	0,012	0,081	FALSE
0,004	0,312	0,001	0,013	0,030	FALSE
0,043	0,311	0,001	0,008	0,029	FALSE
0,029	0,309	0,000	0,009	0,018	FALSE
-0,198	0,290	-0,005	0,008	0,279	FALSE
0,098	0,317	0,003	0,010	0,140	FALSE
-0,099	0,313	-0,003	0,010	0,130	FALSE
-0,050	0,308	-0,002	0,007	0,093	FALSE
-0,030	0,301	-0,001	0,006	0,029	FALSE
-0,021	0,308	0,000	0,007	0,011	FALSE
-0,013	0,314	0,000	0,007	0,014	FALSE
-0,098	0,316	-0,004	0,012	0,150	FALSE
0,103	0,307	0,004	0,012	0,126	FALSE
0,021	0,294	0,000	0,008	0,010	FALSE
0,040	0,295	0,001	0,007	0,056	FALSE
-0,009	0,308	0,000	0,006	0,003	FALSE
-0,026	0,306	0,000	0,007	0,021	FALSE
-0,108	0,291	-0,005	0,010	0,196	FALSE

-0,117	0,288	-0,005	0,010	0,210	FALSE
-0,061	0,315	-0,001	0,008	0,047	FALSE
-0,046	0,302	-0,001	0,007	0,042	FALSE
0,039	0,307	0,001	0,010	0,028	FALSE
-0,121	0,302	-0,002	0,007	0,136	FALSE
-0,062	0,308	-0,002	0,009	0,070	FALSE
0,240	0,297	0,006	0,008	0,367	FALSE
0,034	0,321	0,002	0,012	0,053	FALSE
-0,030	0,320	0,000	0,009	0,019	FALSE
-0,043	0,312	-0,001	0,009	0,039	FALSE
0,013	0,308	0,000	0,012	0,005	FALSE
0,067	0,301	0,002	0,012	0,067	FALSE
-0,078	0,302	-0,004	0,012	0,112	FALSE
0,072	0,325	0,002	0,008	0,103	FALSE
0,042	0,298	0,001	0,009	0,030	FALSE
0,122	0,309	0,002	0,006	0,149	FALSE
-0,034	0,309	0,000	0,008	0,017	FALSE
-0,032	0,298	-0,001	0,007	0,042	FALSE
0,026	0,324	0,001	0,009	0,025	FALSE
0,026	0,326	0,000	0,011	0,004	FALSE
0,016	0,304	0,001	0,009	0,019	FALSE
-0,010	0,316	0,000	0,007	0,016	FALSE
-0,052	0,294	-0,002	0,013	0,073	FALSE
-0,074	0,305	-0,001	0,008	0,069	FALSE
0,007	0,310	0,000	0,007	0,007	FALSE
0,024	0,326	0,001	0,010	0,028	FALSE
-0,116	0,304	-0,002	0,007	0,114	FALSE
-0,058	0,304	-0,001	0,007	0,045	FALSE
0,059	0,313	0,002	0,007	0,093	FALSE
0,017	0,321	0,002	0,013	0,045	FALSE
0,024	0,312	0,001	0,013	0,042	FALSE
0,108	0,296	0,005	0,010	0,207	FALSE
0,092	0,306	0,004	0,011	0,166	FALSE
-0,130	0,320	-0,005	0,011	0,171	FALSE
-0,078	0,298	-0,002	0,006	0,116	FALSE
0,114	0,311	0,005	0,012	0,149	FALSE
-0,121	0,306	-0,003	0,007	0,164	FALSE
0,180	0,306	0,007	0,011	0,253	FALSE
-0,082	0,297	-0,001	0,006	0,087	FALSE
-0,096	0,282	-0,005	0,012	0,167	FALSE
0,075	0,310	0,004	0,013	0,121	FALSE
0,068	0,296	0,001	0,007	0,051	FALSE
-0,157	0,301	-0,007	0,012	0,246	FALSE
-0,142	0,311	-0,006	0,012	0,209	FALSE
-0,089	0,313	-0,002	0,007	0,102	FALSE
0,004	0,311	0,000	0,008	0,015	FALSE
0,060	0,310	0,001	0,006	0,070	FALSE
-0,014	0,311	-0,001	0,013	0,028	FALSE
-0,064	0,290	-0,002	0,008	0,112	FALSE
-0,025	0,307	0,000	0,011	0,013	FALSE
0,098	0,301	0,002	0,007	0,123	FALSE
0,070	0,309	0,002	0,013	0,071	FALSE
-0,073	0,306	-0,002	0,009	0,073	FALSE

0,001	0,312	-0,001	0,013	0,036	FALSE
-0,006	0,310	0,000	0,007	0,022	FALSE
0,010	0,303	0,000	0,006	0,001	FALSE
0,060	0,301	0,003	0,013	0,083	FALSE
0,070	0,300	0,002	0,007	0,096	FALSE
0,078	0,298	0,004	0,013	0,115	FALSE
-0,091	0,323	-0,002	0,009	0,094	FALSE
-0,032	0,305	-0,001	0,007	0,033	FALSE
-0,117	0,315	-0,006	0,013	0,168	FALSE
-0,024	0,305	-0,001	0,011	0,030	FALSE
0,131	0,318	0,003	0,007	0,177	FALSE
-0,016	0,320	-0,001	0,010	0,024	FALSE
0,010	0,312	-0,001	0,011	0,017	FALSE
0,042	0,314	0,002	0,010	0,062	FALSE
0,107	0,312	0,003	0,011	0,111	FALSE
0,006	0,305	0,000	0,007	0,014	FALSE
0,016	0,313	0,001	0,010	0,035	FALSE
-0,019	0,322	-0,001	0,009	0,028	FALSE
-0,059	0,307	-0,002	0,009	0,067	FALSE
-0,008	0,317	0,000	0,008	0,019	FALSE
0,143	0,310	0,005	0,010	0,200	FALSE
0,153	0,295	0,006	0,012	0,202	FALSE
-0,113	0,321	-0,005	0,013	0,156	FALSE
-0,044	0,310	-0,002	0,012	0,049	FALSE
-0,019	0,304	-0,002	0,012	0,059	FALSE
-0,031	0,304	-0,001	0,010	0,023	FALSE
-0,045	0,317	-0,001	0,010	0,042	FALSE
-0,004	0,312	0,000	0,012	0,012	FALSE
0,037	0,306	0,001	0,008	0,043	FALSE
-0,058	0,316	-0,001	0,007	0,037	FALSE
-0,050	0,303	-0,002	0,012	0,078	FALSE
0,127	0,321	0,006	0,013	0,171	FALSE
-0,024	0,307	0,000	0,008	0,004	FALSE
0,028	0,311	0,002	0,012	0,052	FALSE
-0,019	0,313	0,000	0,012	0,011	FALSE
0,039	0,297	0,001	0,010	0,032	FALSE
-0,036	0,307	0,000	0,007	0,021	FALSE
0,003	0,307	-0,001	0,010	0,019	FALSE
0,099	0,306	0,004	0,013	0,108	FALSE
-0,053	0,313	-0,002	0,010	0,091	FALSE
-0,119	0,318	-0,005	0,013	0,156	FALSE
0,082	0,329	0,004	0,013	0,108	FALSE
0,155	0,289	0,003	0,007	0,161	FALSE
-0,031	0,333	-0,001	0,009	0,048	FALSE
-0,074	0,310	-0,001	0,007	0,051	FALSE
-0,126	0,299	-0,005	0,013	0,162	FALSE
-0,059	0,294	-0,001	0,007	0,057	FALSE
0,029	0,308	0,001	0,013	0,016	FALSE
0,010	0,307	0,001	0,012	0,027	FALSE
-0,034	0,312	-0,001	0,007	0,055	FALSE
-0,002	0,311	0,000	0,010	0,006	FALSE
0,027	0,309	0,000	0,012	0,014	FALSE
0,044	0,304	0,001	0,009	0,021	FALSE

-0,086	0,326	-0,002	0,008	0,081	FALSE
-0,151	0,306	-0,005	0,011	0,178	FALSE
-0,049	0,307	-0,001	0,008	0,041	FALSE
-0,030	0,315	0,000	0,007	0,019	FALSE
-0,008	0,310	0,000	0,010	0,007	FALSE
0,031	0,312	0,000	0,009	0,014	FALSE
-0,024	0,309	-0,001	0,011	0,024	FALSE
0,066	0,298	0,002	0,006	0,107	FALSE
-0,070	0,311	-0,003	0,010	0,107	FALSE
-0,017	0,294	0,000	0,009	0,004	FALSE
0,144	0,299	0,003	0,008	0,149	FALSE
-0,139	0,315	-0,004	0,008	0,201	FALSE
-0,074	0,300	-0,002	0,008	0,078	FALSE
0,022	0,308	0,001	0,013	0,032	FALSE
0,100	0,306	0,003	0,009	0,123	FALSE
-0,057	0,305	-0,001	0,007	0,062	FALSE
-0,007	0,314	-0,001	0,012	0,020	FALSE
-0,045	0,302	-0,001	0,006	0,052	FALSE
-0,160	0,303	-0,004	0,008	0,213	FALSE
-0,095	0,321	-0,003	0,012	0,094	FALSE
0,098	0,314	0,003	0,011	0,094	FALSE
0,075	0,309	0,002	0,008	0,104	FALSE
-0,163	0,300	-0,004	0,009	0,187	FALSE
-0,058	0,305	-0,001	0,007	0,073	FALSE
0,085	0,307	0,003	0,009	0,134	FALSE
0,061	0,300	0,002	0,010	0,085	FALSE
-0,016	0,313	0,000	0,010	0,007	FALSE
0,053	0,304	0,002	0,010	0,079	FALSE
-0,109	0,314	-0,003	0,007	0,145	FALSE
0,106	0,299	0,003	0,007	0,165	FALSE
0,093	0,301	0,004	0,013	0,106	FALSE
0,040	0,312	0,001	0,008	0,038	FALSE
0,040	0,295	0,001	0,009	0,030	FALSE
0,007	0,307	0,001	0,007	0,026	FALSE
0,053	0,312	0,002	0,007	0,104	FALSE
0,037	0,310	0,002	0,007	0,081	FALSE
-0,034	0,316	-0,001	0,010	0,036	FALSE
0,039	0,310	0,002	0,008	0,088	FALSE
0,085	0,315	0,002	0,007	0,119	FALSE
-0,017	0,320	0,000	0,012	0,013	FALSE
-0,058	0,304	-0,001	0,007	0,058	FALSE
-0,063	0,283	-0,003	0,012	0,077	FALSE
0,068	0,319	0,002	0,011	0,066	FALSE
0,058	0,317	0,001	0,009	0,057	FALSE
-0,031	0,307	-0,001	0,012	0,018	FALSE
0,012	0,316	0,000	0,013	0,002	FALSE
-0,069	0,304	-0,001	0,006	0,089	FALSE
0,047	0,315	0,002	0,012	0,058	FALSE
0,021	0,311	0,000	0,011	0,012	FALSE
0,072	0,307	0,002	0,006	0,092	FALSE
-0,025	0,310	-0,001	0,013	0,021	FALSE
0,084	0,314	0,003	0,007	0,166	FALSE
0,092	0,309	0,002	0,008	0,115	FALSE

0,212	0,304	0,004	0,007	0,298	FALSE
-0,024	0,316	-0,001	0,013	0,042	FALSE
0,029	0,311	0,001	0,006	0,028	FALSE
0,160	0,296	0,007	0,013	0,224	FALSE
-0,041	0,306	-0,002	0,013	0,060	FALSE
0,054	0,308	0,003	0,010	0,100	FALSE
-0,004	0,307	0,000	0,012	0,008	FALSE
-0,151	0,315	-0,003	0,007	0,181	FALSE
0,184	0,283	0,008	0,012	0,292	FALSE
0,084	0,302	0,003	0,012	0,103	FALSE
0,189	0,302	0,005	0,008	0,311	FALSE
0,014	0,310	0,000	0,007	0,017	FALSE
-0,002	0,318	0,000	0,008	0,004	FALSE
0,045	0,315	0,002	0,013	0,052	FALSE
-0,139	0,297	-0,004	0,009	0,200	FALSE
0,053	0,310	0,002	0,011	0,072	FALSE
-0,185	0,313	-0,007	0,012	0,250	FALSE
0,055	0,300	0,001	0,007	0,049	FALSE
-0,042	0,317	-0,002	0,012	0,073	FALSE
-0,037	0,306	-0,001	0,007	0,051	FALSE
0,026	0,329	0,001	0,007	0,032	FALSE
-0,041	0,305	-0,001	0,007	0,044	FALSE
0,003	0,307	-0,001	0,012	0,025	FALSE
0,040	0,314	0,001	0,009	0,054	FALSE
0,077	0,294	0,003	0,012	0,095	FALSE
-0,013	0,307	0,000	0,012	0,013	FALSE
-0,052	0,321	-0,001	0,008	0,039	FALSE
-0,092	0,317	-0,004	0,011	0,128	FALSE
0,067	0,309	0,002	0,012	0,072	FALSE
0,013	0,305	0,001	0,012	0,039	FALSE
-0,005	0,295	0,000	0,007	0,016	FALSE
0,053	0,313	0,002	0,012	0,053	FALSE
0,060	0,315	0,001	0,007	0,069	FALSE
0,037	0,303	0,002	0,011	0,057	FALSE
0,042	0,309	0,001	0,010	0,034	FALSE
0,041	0,303	0,001	0,007	0,068	FALSE
0,054	0,307	0,002	0,011	0,072	FALSE
-0,109	0,295	-0,003	0,008	0,142	FALSE
0,020	0,320	0,001	0,013	0,028	FALSE
0,048	0,302	0,001	0,010	0,051	FALSE
0,048	0,307	0,001	0,010	0,048	FALSE
-0,067	0,305	-0,001	0,007	0,042	FALSE
-0,039	0,303	-0,002	0,012	0,069	FALSE
-0,122	0,305	-0,005	0,012	0,175	FALSE
0,027	0,305	0,001	0,007	0,058	FALSE
0,104	0,301	0,003	0,009	0,115	FALSE
-0,031	0,326	-0,001	0,008	0,038	FALSE
0,018	0,310	0,001	0,011	0,028	FALSE
0,130	0,290	0,005	0,012	0,165	FALSE
-0,090	0,313	-0,002	0,007	0,101	FALSE
0,017	0,311	0,001	0,008	0,024	FALSE
-0,041	0,314	-0,001	0,011	0,046	FALSE
0,035	0,314	0,001	0,007	0,073	FALSE

-0,073	0,323	-0,002	0,007	0,085	FALSE
-0,041	0,307	-0,001	0,008	0,051	FALSE
0,053	0,304	0,001	0,010	0,027	FALSE
-0,107	0,305	-0,002	0,007	0,133	FALSE
0,053	0,302	0,001	0,009	0,043	FALSE
-0,034	0,301	-0,001	0,006	0,032	FALSE
0,008	0,307	0,000	0,007	0,008	FALSE
-0,030	0,309	-0,001	0,007	0,044	FALSE
-0,050	0,315	-0,002	0,010	0,072	FALSE
0,005	0,301	0,000	0,009	0,003	FALSE
-0,058	0,309	-0,002	0,008	0,073	FALSE
-0,019	0,313	-0,001	0,011	0,021	FALSE
0,042	0,315	0,002	0,013	0,066	FALSE
0,198	0,300	0,008	0,011	0,328	FALSE
0,255	0,304	0,011	0,013	0,417	FALSE
-0,019	0,316	-0,001	0,007	0,047	FALSE
0,321	0,282	0,012	0,010	0,643	FALSE
0,057	0,291	0,003	0,009	0,126	FALSE
0,017	0,317	0,000	0,007	0,015	FALSE
-0,062	0,306	-0,001	0,008	0,055	FALSE
-0,025	0,317	-0,001	0,009	0,047	FALSE
-0,061	0,303	-0,002	0,008	0,086	FALSE
0,080	0,291	0,002	0,006	0,140	FALSE
-0,015	0,309	0,000	0,007	0,012	FALSE
0,115	0,297	0,002	0,007	0,133	FALSE
0,049	0,311	0,002	0,011	0,055	FALSE
-0,051	0,310	-0,002	0,012	0,063	FALSE
0,118	0,308	0,005	0,013	0,162	FALSE
-0,009	0,298	0,000	0,007	0,022	FALSE
0,001	0,310	0,000	0,012	0,007	FALSE
-0,004	0,318	0,000	0,013	0,014	FALSE
0,002	0,324	0,000	0,013	0,006	FALSE
-0,013	0,321	0,000	0,013	0,007	FALSE
-0,002	0,315	0,000	0,012	0,002	FALSE
-0,033	0,312	-0,001	0,013	0,039	FALSE
0,007	0,318	0,000	0,013	0,004	FALSE
0,020	0,327	0,000	0,013	0,013	FALSE
-0,017	0,317	-0,001	0,013	0,023	FALSE
0,013	0,314	0,000	0,013	0,010	FALSE
-0,138	0,302	-0,003	0,007	0,153	FALSE
0,098	0,305	0,002	0,007	0,108	FALSE
0,049	0,295	0,002	0,012	0,047	FALSE
-0,121	0,300	-0,004	0,011	0,154	FALSE
0,013	0,315	0,000	0,008	0,022	FALSE
0,117	0,299	0,004	0,012	0,122	FALSE
0,001	0,317	0,001	0,012	0,020	FALSE
0,037	0,302	0,000	0,007	0,007	FALSE
0,053	0,315	0,002	0,011	0,058	FALSE
0,016	0,329	0,000	0,007	0,022	FALSE
-0,072	0,308	-0,002	0,008	0,095	FALSE
-0,124	0,311	-0,003	0,009	0,149	FALSE
0,047	0,293	0,001	0,007	0,039	FALSE
0,007	0,313	0,000	0,006	0,014	FALSE

0,052	0,304	0,001	0,010	0,026	FALSE
0,133	0,311	0,004	0,008	0,176	FALSE
-0,115	0,318	-0,005	0,013	0,163	FALSE
0,091	0,310	0,001	0,006	0,076	FALSE
-0,083	0,311	-0,001	0,008	0,069	FALSE
-0,044	0,316	-0,001	0,008	0,038	FALSE
0,065	0,309	0,003	0,010	0,102	FALSE
0,077	0,317	0,003	0,013	0,085	FALSE
-0,056	0,309	-0,001	0,009	0,032	FALSE
-0,012	0,305	0,001	0,008	0,026	FALSE
-0,147	0,298	-0,004	0,008	0,198	FALSE
-0,151	0,300	-0,004	0,008	0,226	FALSE
-0,032	0,309	-0,001	0,010	0,020	FALSE
0,037	0,316	0,001	0,010	0,029	FALSE
0,051	0,303	0,001	0,006	0,040	FALSE
0,068	0,311	0,002	0,009	0,073	FALSE
-0,003	0,302	0,000	0,006	0,004	FALSE
-0,121	0,309	-0,004	0,010	0,155	FALSE
-0,035	0,311	-0,002	0,013	0,058	FALSE
0,008	0,309	0,001	0,009	0,036	FALSE
0,025	0,319	0,001	0,011	0,036	FALSE
0,048	0,308	0,001	0,007	0,031	FALSE
0,025	0,299	0,001	0,012	0,016	FALSE
0,053	0,321	0,002	0,008	0,084	FALSE
0,018	0,308	0,001	0,009	0,022	FALSE
0,071	0,310	0,002	0,007	0,090	FALSE
-0,071	0,294	-0,001	0,006	0,083	FALSE
-0,132	0,304	-0,004	0,008	0,189	FALSE
0,101	0,307	0,003	0,011	0,111	FALSE
-0,019	0,306	-0,002	0,012	0,058	FALSE
0,032	0,312	0,001	0,007	0,039	FALSE
0,006	0,310	0,000	0,007	0,026	FALSE
-0,045	0,317	-0,003	0,013	0,072	FALSE
-0,067	0,301	-0,003	0,012	0,109	FALSE
0,044	0,301	0,002	0,008	0,093	FALSE
0,115	0,307	0,003	0,008	0,138	FALSE
0,014	0,299	0,001	0,008	0,060	FALSE
-0,031	0,295	-0,003	0,011	0,088	FALSE
0,028	0,303	0,001	0,012	0,031	FALSE
-0,009	0,303	0,000	0,008	0,012	FALSE
0,034	0,300	0,002	0,011	0,076	FALSE
-0,095	0,316	-0,002	0,007	0,116	FALSE
-0,008	0,292	0,000	0,011	0,002	FALSE
-0,020	0,299	0,000	0,007	0,003	FALSE
-0,154	0,317	-0,003	0,007	0,208	FALSE
-0,042	0,308	-0,002	0,011	0,063	FALSE
-0,120	0,297	-0,005	0,012	0,159	FALSE
0,065	0,303	0,001	0,008	0,056	FALSE
0,045	0,294	0,002	0,012	0,049	FALSE
0,069	0,310	0,002	0,008	0,119	FALSE
0,037	0,323	0,001	0,010	0,041	FALSE
0,004	0,312	0,001	0,011	0,021	FALSE
-0,027	0,308	-0,001	0,010	0,028	FALSE

0,037	0,322	0,000	0,008	0,022	FALSE
0,083	0,307	0,002	0,006	0,113	FALSE
0,089	0,311	0,003	0,009	0,115	FALSE
-0,065	0,320	-0,003	0,012	0,103	FALSE
-0,034	0,312	-0,001	0,010	0,054	FALSE
-0,056	0,312	-0,002	0,009	0,083	FALSE
0,052	0,305	0,003	0,012	0,096	FALSE
-0,044	0,319	-0,002	0,010	0,062	FALSE
-0,056	0,305	-0,001	0,008	0,052	FALSE
0,031	0,303	0,001	0,010	0,048	FALSE
0,007	0,295	0,000	0,010	0,016	FALSE
-0,027	0,306	-0,001	0,010	0,042	FALSE
0,039	0,303	0,001	0,006	0,038	FALSE
-0,040	0,313	-0,001	0,010	0,046	FALSE
-0,032	0,297	0,000	0,011	0,011	FALSE
-0,066	0,321	-0,003	0,010	0,102	FALSE
-0,115	0,313	-0,004	0,010	0,159	FALSE
0,085	0,305	0,002	0,007	0,083	FALSE
-0,008	0,308	-0,001	0,008	0,024	FALSE
-0,050	0,304	-0,002	0,013	0,067	FALSE
0,069	0,294	0,002	0,008	0,100	FALSE
0,063	0,298	0,001	0,006	0,064	FALSE
-0,005	0,318	-0,001	0,011	0,021	FALSE
0,012	0,314	0,000	0,011	0,015	FALSE
-0,060	0,308	-0,002	0,011	0,074	FALSE
0,069	0,307	0,002	0,007	0,114	FALSE
-0,052	0,313	-0,002	0,012	0,051	FALSE
0,054	0,313	0,001	0,009	0,038	FALSE
-0,144	0,292	-0,006	0,012	0,219	FALSE
0,093	0,314	0,003	0,011	0,098	FALSE
0,098	0,304	0,003	0,011	0,091	FALSE
-0,024	0,301	-0,001	0,013	0,034	FALSE
-0,036	0,287	-0,002	0,012	0,053	FALSE
0,133	0,304	0,006	0,012	0,210	FALSE
0,099	0,305	0,005	0,012	0,161	FALSE
0,035	0,308	0,002	0,011	0,069	FALSE
-0,039	0,311	-0,002	0,012	0,050	FALSE
-0,014	0,297	0,000	0,010	0,004	FALSE
-0,025	0,314	0,000	0,009	0,015	FALSE
0,034	0,313	0,001	0,007	0,052	FALSE
0,158	0,305	0,005	0,010	0,195	FALSE
0,045	0,316	0,001	0,007	0,057	FALSE
-0,125	0,300	-0,003	0,008	0,163	FALSE
-0,140	0,306	-0,003	0,007	0,182	FALSE
0,017	0,298	0,001	0,008	0,033	FALSE
-0,211	0,304	-0,007	0,010	0,294	FALSE
0,028	0,308	0,001	0,011	0,028	FALSE
0,129	0,298	0,003	0,007	0,190	FALSE
-0,051	0,306	-0,002	0,013	0,055	FALSE
-0,021	0,298	-0,001	0,006	0,033	FALSE
-0,026	0,320	-0,001	0,008	0,037	FALSE
-0,120	0,296	-0,005	0,011	0,167	FALSE
0,071	0,297	0,001	0,006	0,080	FALSE

0,001	0,319	0,000	0,010	0,001	FALSE
-0,007	0,315	0,000	0,010	0,004	FALSE
0,090	0,306	0,002	0,008	0,104	FALSE
0,028	0,292	0,001	0,008	0,044	FALSE
0,012	0,310	0,001	0,010	0,035	FALSE
-0,079	0,300	-0,003	0,012	0,083	FALSE
-0,043	0,310	-0,002	0,012	0,047	FALSE
0,132	0,293	0,003	0,007	0,165	FALSE
0,058	0,302	0,002	0,012	0,065	FALSE
-0,026	0,319	0,000	0,011	0,001	FALSE
0,116	0,303	0,003	0,007	0,178	FALSE
-0,054	0,325	-0,001	0,008	0,062	FALSE
0,057	0,303	0,002	0,010	0,067	FALSE
-0,004	0,301	0,000	0,009	0,010	FALSE
-0,039	0,322	-0,001	0,010	0,033	FALSE
-0,152	0,298	-0,004	0,010	0,193	FALSE
-0,130	0,327	-0,003	0,007	0,190	FALSE
-0,050	0,317	-0,002	0,009	0,067	FALSE
-0,050	0,299	-0,002	0,009	0,067	FALSE
-0,037	0,286	-0,002	0,012	0,064	FALSE
-0,052	0,297	-0,002	0,012	0,077	FALSE
0,024	0,313	0,000	0,006	0,020	FALSE
-0,054	0,304	-0,001	0,007	0,050	FALSE
-0,061	0,314	-0,001	0,009	0,046	FALSE
0,010	0,299	0,001	0,012	0,027	FALSE
0,087	0,316	0,002	0,008	0,114	FALSE
0,119	0,311	0,003	0,007	0,152	FALSE
-0,142	0,300	-0,006	0,013	0,207	FALSE
0,074	0,310	0,002	0,009	0,108	FALSE
0,083	0,307	0,003	0,009	0,109	FALSE
-0,031	0,323	-0,001	0,008	0,032	FALSE
-0,053	0,308	-0,001	0,012	0,025	FALSE
0,034	0,294	0,002	0,010	0,058	FALSE
0,036	0,304	0,001	0,011	0,042	FALSE
0,079	0,309	0,002	0,009	0,077	FALSE
-0,040	0,306	-0,001	0,012	0,038	FALSE
-0,052	0,310	-0,002	0,010	0,077	FALSE
-0,048	0,318	-0,002	0,012	0,048	FALSE
-0,038	0,320	-0,001	0,012	0,037	FALSE
0,051	0,314	0,002	0,012	0,061	FALSE
-0,009	0,307	0,000	0,010	0,003	FALSE
-0,132	0,311	-0,005	0,010	0,184	FALSE
0,099	0,305	0,003	0,008	0,135	FALSE
-0,071	0,317	-0,001	0,007	0,077	FALSE
0,020	0,316	0,001	0,012	0,038	FALSE
-0,059	0,307	-0,002	0,011	0,076	FALSE
-0,063	0,309	-0,002	0,012	0,068	FALSE
0,036	0,303	0,002	0,011	0,059	FALSE
0,053	0,323	0,002	0,011	0,083	FALSE
0,011	0,319	0,001	0,011	0,027	FALSE
0,068	0,310	0,003	0,011	0,102	FALSE
-0,010	0,305	0,000	0,010	0,003	FALSE
0,023	0,308	0,001	0,006	0,030	FALSE

0,011	0,306	0,000	0,008	0,008	FALSE
-0,017	0,310	-0,001	0,013	0,034	FALSE
0,035	0,309	0,001	0,007	0,041	FALSE
-0,019	0,311	0,000	0,007	0,002	FALSE
-0,086	0,300	-0,002	0,008	0,129	FALSE
-0,133	0,288	-0,006	0,012	0,194	FALSE
-0,014	0,314	-0,001	0,012	0,032	FALSE
-0,120	0,316	-0,003	0,008	0,144	FALSE
0,032	0,313	0,000	0,008	0,020	FALSE
-0,011	0,303	0,000	0,009	0,002	FALSE
-0,030	0,313	-0,001	0,007	0,064	FALSE
-0,058	0,308	-0,002	0,007	0,102	FALSE
-0,092	0,316	-0,002	0,006	0,122	FALSE
0,018	0,304	0,001	0,011	0,035	FALSE
-0,082	0,303	-0,002	0,010	0,084	FALSE
-0,071	0,294	-0,003	0,012	0,103	FALSE
-0,097	0,306	-0,004	0,013	0,119	FALSE
0,003	0,296	0,000	0,006	0,017	FALSE
-0,006	0,318	0,000	0,007	0,012	FALSE
-0,077	0,306	-0,002	0,008	0,124	FALSE
0,090	0,293	0,004	0,013	0,111	FALSE
-0,149	0,305	-0,005	0,009	0,208	FALSE
0,029	0,302	0,002	0,011	0,067	FALSE
-0,034	0,306	-0,002	0,012	0,054	FALSE
0,222	0,296	0,009	0,011	0,402	FALSE
-0,127	0,306	-0,003	0,008	0,182	FALSE
-0,053	0,322	-0,001	0,008	0,051	FALSE
-0,015	0,322	-0,001	0,012	0,017	FALSE
0,118	0,312	0,005	0,013	0,169	FALSE
0,055	0,313	0,003	0,013	0,079	FALSE
0,028	0,311	0,001	0,011	0,024	FALSE
-0,126	0,321	-0,003	0,008	0,157	FALSE
-0,099	0,283	-0,005	0,012	0,170	FALSE
0,012	0,303	0,000	0,007	0,016	FALSE
-0,059	0,295	-0,002	0,008	0,076	FALSE
-0,065	0,309	-0,002	0,007	0,107	FALSE
-0,041	0,304	-0,002	0,013	0,073	FALSE
0,083	0,320	0,003	0,009	0,129	FALSE
-0,010	0,329	0,000	0,009	0,004	FALSE
-0,053	0,303	-0,002	0,012	0,067	FALSE
0,010	0,304	0,000	0,010	0,012	FALSE
-0,071	0,298	-0,002	0,007	0,086	FALSE
-0,015	0,313	-0,001	0,007	0,049	FALSE
0,000	0,316	-0,001	0,008	0,024	FALSE
-0,015	0,313	0,000	0,007	0,015	FALSE
0,023	0,316	0,000	0,013	0,009	FALSE
-0,089	0,296	-0,002	0,007	0,102	FALSE
0,035	0,307	0,001	0,009	0,029	FALSE
0,058	0,317	0,001	0,009	0,058	FALSE
0,045	0,315	0,001	0,007	0,064	FALSE
-0,115	0,307	-0,004	0,013	0,140	FALSE
-0,010	0,300	-0,001	0,011	0,023	FALSE
0,096	0,301	0,004	0,013	0,125	FALSE

-0,029	0,310	-0,001	0,011	0,031	FALSE
-0,029	0,323	0,000	0,008	0,011	FALSE
-0,115	0,293	-0,003	0,008	0,145	FALSE
0,056	0,312	0,002	0,008	0,084	FALSE
0,020	0,315	0,000	0,008	0,022	FALSE
-0,079	0,303	-0,002	0,007	0,098	FALSE
0,022	0,293	0,000	0,006	0,027	FALSE
0,078	0,301	0,002	0,010	0,071	FALSE
-0,057	0,320	-0,002	0,013	0,059	FALSE
-0,013	0,314	-0,001	0,009	0,021	FALSE
-0,034	0,316	-0,001	0,013	0,038	FALSE
-0,008	0,323	0,000	0,014	0,004	FALSE
0,079	0,306	0,002	0,011	0,085	FALSE
0,049	0,305	0,002	0,012	0,055	FALSE
0,070	0,297	0,002	0,008	0,072	FALSE
0,023	0,314	0,001	0,010	0,030	FALSE
0,075	0,292	0,002	0,008	0,103	FALSE
0,095	0,299	0,003	0,008	0,145	FALSE
0,006	0,302	0,000	0,013	0,006	FALSE
0,035	0,292	0,001	0,013	0,043	FALSE
0,027	0,275	0,001	0,012	0,033	FALSE
-0,007	0,308	0,000	0,007	0,010	FALSE
-0,120	0,304	-0,004	0,008	0,175	FALSE
-0,056	0,303	-0,001	0,007	0,068	FALSE
0,052	0,301	0,001	0,008	0,058	FALSE
0,040	0,306	0,001	0,007	0,059	TRUE
0,051	0,300	0,002	0,010	0,061	FALSE
0,070	0,307	0,001	0,006	0,072	FALSE
0,083	0,309	0,003	0,012	0,111	FALSE
-0,135	0,306	-0,003	0,008	0,138	FALSE
-0,145	0,308	-0,003	0,008	0,157	FALSE
0,035	0,321	0,001	0,008	0,045	FALSE
0,046	0,307	0,001	0,006	0,042	FALSE
0,096	0,307	0,003	0,009	0,119	FALSE
-0,034	0,303	0,000	0,007	0,021	FALSE
0,040	0,310	0,001	0,013	0,040	FALSE
0,106	0,314	0,004	0,011	0,127	FALSE
0,119	0,310	0,003	0,007	0,194	FALSE
-0,123	0,292	-0,005	0,013	0,150	FALSE
-0,020	0,307	-0,001	0,011	0,035	FALSE
0,034	0,289	0,001	0,007	0,031	FALSE
-0,018	0,308	-0,001	0,008	0,049	FALSE
-0,001	0,314	0,000	0,012	0,005	FALSE
0,117	0,304	0,003	0,006	0,167	FALSE
-0,106	0,310	-0,005	0,012	0,159	FALSE
-0,056	0,311	-0,002	0,012	0,066	FALSE
-0,040	0,303	-0,001	0,007	0,044	FALSE
-0,018	0,313	-0,001	0,012	0,027	FALSE
-0,040	0,303	-0,002	0,011	0,055	FALSE
-0,044	0,315	-0,002	0,012	0,072	FALSE
0,036	0,302	0,001	0,009	0,032	FALSE
0,031	0,326	0,001	0,007	0,044	FALSE
0,017	0,314	0,000	0,010	0,003	FALSE

0,025	0,304	0,001	0,006	0,032	FALSE
-0,011	0,312	0,000	0,011	0,016	FALSE
-0,043	0,316	-0,001	0,009	0,046	FALSE
-0,013	0,307	0,000	0,009	0,016	FALSE
0,028	0,305	0,001	0,006	0,052	FALSE
-0,062	0,316	-0,003	0,012	0,089	FALSE
0,000	0,315	0,000	0,008	0,006	FALSE
0,054	0,318	0,002	0,010	0,065	FALSE
0,007	0,322	0,001	0,013	0,019	FALSE
-0,129	0,299	-0,003	0,007	0,201	FALSE
0,087	0,307	0,002	0,009	0,073	FALSE
0,000	0,302	0,000	0,008	0,009	FALSE
0,039	0,320	0,001	0,012	0,036	FALSE
0,020	0,303	0,001	0,012	0,036	FALSE
0,071	0,295	0,001	0,007	0,063	FALSE
0,011	0,297	0,000	0,008	0,001	FALSE
0,025	0,302	-0,001	0,013	0,024	FALSE
-0,095	0,312	-0,003	0,010	0,102	FALSE
0,076	0,301	0,002	0,007	0,089	FALSE
-0,003	0,315	0,000	0,007	0,012	FALSE
-0,058	0,332	-0,003	0,013	0,084	FALSE
0,082	0,310	0,003	0,013	0,090	FALSE
0,008	0,300	0,000	0,007	0,017	FALSE
0,082	0,309	0,004	0,012	0,119	FALSE
-0,016	0,319	-0,001	0,009	0,022	FALSE
0,000	0,316	0,000	0,007	0,002	FALSE
-0,012	0,294	-0,001	0,012	0,017	FALSE
0,035	0,287	0,002	0,012	0,060	FALSE
0,086	0,308	0,003	0,010	0,126	FALSE
0,050	0,296	0,002	0,008	0,088	FALSE
-0,068	0,301	-0,003	0,012	0,097	FALSE
-0,047	0,325	-0,002	0,013	0,065	FALSE
0,024	0,312	0,000	0,008	0,021	FALSE
0,128	0,306	0,004	0,012	0,155	FALSE
0,033	0,303	0,000	0,006	0,005	FALSE
0,010	0,294	0,000	0,012	0,007	FALSE
-0,017	0,306	0,000	0,007	0,000	FALSE
-0,015	0,325	0,000	0,008	0,007	FALSE
0,133	0,311	0,005	0,010	0,205	FALSE
-0,037	0,298	0,000	0,007	0,013	FALSE
-0,028	0,289	0,000	0,006	0,013	FALSE
-0,053	0,320	-0,001	0,007	0,032	FALSE
-0,103	0,306	-0,004	0,012	0,134	FALSE
-0,023	0,312	0,000	0,007	0,024	FALSE
-0,045	0,302	-0,001	0,006	0,058	FALSE
-0,006	0,306	0,000	0,006	0,014	FALSE
0,082	0,317	0,002	0,007	0,080	FALSE
0,046	0,296	0,002	0,013	0,051	FALSE
0,032	0,314	0,000	0,007	0,009	FALSE
-0,022	0,298	-0,001	0,013	0,038	FALSE
-0,043	0,309	-0,003	0,013	0,077	FALSE
0,062	0,320	0,002	0,011	0,086	FALSE
0,024	0,292	0,001	0,009	0,033	FALSE

-0,093	0,302	-0,004	0,012	0,131	FALSE
-0,092	0,316	-0,002	0,007	0,127	FALSE
-0,048	0,310	-0,002	0,010	0,088	FALSE
-0,128	0,302	-0,005	0,012	0,169	FALSE
0,110	0,305	0,003	0,008	0,145	FALSE
-0,065	0,316	-0,002	0,009	0,102	FALSE
0,000	0,294	0,000	0,012	0,008	FALSE
-0,084	0,299	-0,002	0,007	0,105	FALSE
-0,091	0,303	-0,003	0,008	0,129	FALSE
-0,011	0,301	-0,001	0,011	0,018	FALSE
-0,012	0,310	-0,001	0,012	0,015	FALSE
-0,045	0,301	-0,003	0,011	0,086	FALSE
-0,012	0,310	-0,001	0,011	0,023	FALSE
0,055	0,299	0,002	0,007	0,078	FALSE
-0,049	0,303	-0,001	0,006	0,070	FALSE
0,106	0,305	0,004	0,012	0,136	FALSE
0,141	0,304	0,006	0,013	0,201	FALSE
-0,017	0,306	0,000	0,007	0,002	FALSE
0,035	0,312	0,002	0,012	0,050	FALSE
-0,042	0,309	-0,001	0,013	0,028	FALSE
-0,067	0,306	-0,002	0,007	0,081	FALSE
-0,022	0,296	0,000	0,008	0,016	FALSE
0,029	0,308	0,001	0,009	0,027	FALSE
-0,068	0,278	-0,002	0,008	0,092	FALSE
0,031	0,294	0,001	0,010	0,028	FALSE
0,096	0,311	0,002	0,007	0,125	FALSE
-0,069	0,306	-0,002	0,011	0,068	FALSE
-0,010	0,307	-0,001	0,009	0,039	FALSE
-0,040	0,323	-0,001	0,007	0,046	FALSE
0,037	0,299	0,000	0,009	0,018	FALSE
0,017	0,306	0,000	0,010	0,003	FALSE
0,060	0,316	0,002	0,009	0,090	FALSE
0,070	0,296	0,001	0,007	0,079	FALSE
0,022	0,315	0,000	0,007	0,018	FALSE
-0,007	0,320	0,000	0,007	0,011	FALSE
0,004	0,321	0,000	0,007	0,004	FALSE
-0,022	0,299	-0,002	0,012	0,051	FALSE
0,044	0,311	0,001	0,006	0,045	FALSE
-0,077	0,315	-0,004	0,013	0,112	FALSE
0,106	0,314	0,003	0,007	0,145	FALSE
0,014	0,316	0,001	0,007	0,033	FALSE
-0,084	0,317	-0,002	0,008	0,086	FALSE
0,021	0,305	0,001	0,009	0,042	FALSE
-0,111	0,303	-0,002	0,006	0,095	FALSE
0,014	0,312	0,001	0,008	0,023	FALSE
-0,070	0,312	-0,003	0,012	0,078	FALSE
-0,057	0,322	-0,002	0,010	0,061	FALSE
-0,101	0,315	-0,002	0,008	0,119	FALSE
0,041	0,304	0,001	0,009	0,050	FALSE
0,070	0,315	0,002	0,012	0,071	FALSE
0,066	0,291	0,001	0,009	0,044	FALSE
-0,024	0,297	0,000	0,006	0,011	FALSE
0,106	0,302	0,002	0,008	0,124	FALSE

0,126	0,294	0,006	0,012	0,224	FALSE
-0,073	0,319	-0,001	0,007	0,072	FALSE
-0,014	0,306	0,000	0,009	0,003	FALSE
-0,112	0,305	-0,003	0,008	0,156	FALSE
0,047	0,301	0,003	0,013	0,083	FALSE
0,037	0,309	0,001	0,007	0,034	FALSE
-0,002	0,310	0,000	0,013	0,004	FALSE
-0,143	0,303	-0,005	0,009	0,212	FALSE
0,094	0,297	0,003	0,013	0,091	FALSE
0,154	0,302	0,003	0,007	0,213	FALSE
0,173	0,287	0,007	0,012	0,248	FALSE
0,036	0,308	0,001	0,006	0,076	FALSE
0,029	0,310	0,002	0,013	0,044	FALSE
-0,016	0,308	0,000	0,009	0,003	FALSE
0,076	0,310	0,002	0,010	0,087	FALSE
0,098	0,310	0,003	0,010	0,119	FALSE
0,097	0,296	0,003	0,008	0,160	FALSE
-0,069	0,297	-0,002	0,007	0,097	FALSE
-0,030	0,320	-0,001	0,008	0,039	FALSE
0,020	0,313	0,000	0,007	0,016	FALSE
0,033	0,307	0,001	0,008	0,060	FALSE
0,008	0,311	0,001	0,007	0,040	FALSE
-0,113	0,310	-0,004	0,012	0,137	FALSE
-0,013	0,314	0,000	0,009	0,014	FALSE
0,053	0,312	0,002	0,010	0,059	FALSE
0,080	0,297	0,004	0,013	0,135	FALSE
0,229	0,300	0,005	0,007	0,330	FALSE
-0,068	0,305	-0,002	0,012	0,072	FALSE
-0,033	0,318	-0,001	0,013	0,029	FALSE
-0,044	0,323	-0,002	0,013	0,062	FALSE
0,053	0,299	0,002	0,011	0,064	FALSE
-0,075	0,310	-0,002	0,010	0,077	FALSE
-0,015	0,298	-0,002	0,012	0,055	FALSE
0,016	0,321	0,001	0,009	0,020	FALSE
0,017	0,296	0,000	0,013	0,004	FALSE
0,031	0,304	0,001	0,009	0,045	FALSE
0,027	0,297	0,001	0,007	0,062	FALSE
-0,068	0,309	-0,002	0,007	0,102	FALSE
-0,023	0,307	-0,001	0,011	0,038	FALSE
-0,012	0,309	-0,001	0,012	0,019	FALSE
0,081	0,316	0,002	0,007	0,128	FALSE
-0,060	0,324	-0,001	0,009	0,053	FALSE
0,001	0,315	0,000	0,012	0,013	FALSE
-0,078	0,320	-0,002	0,008	0,083	FALSE
-0,043	0,304	-0,001	0,007	0,046	FALSE
-0,067	0,310	-0,002	0,009	0,067	FALSE
0,148	0,299	0,003	0,007	0,207	FALSE
-0,021	0,319	0,000	0,008	0,004	FALSE
-0,096	0,306	-0,002	0,008	0,105	FALSE
-0,126	0,298	-0,003	0,009	0,133	FALSE
-0,037	0,308	-0,001	0,007	0,042	FALSE
-0,027	0,308	-0,001	0,009	0,037	FALSE
-0,138	0,283	-0,004	0,011	0,156	FALSE

0,128	0,307	0,003	0,010	0,138	FALSE
-0,042	0,315	0,000	0,009	0,020	FALSE
0,058	0,298	0,002	0,008	0,073	FALSE
0,064	0,299	0,002	0,008	0,084	FALSE
0,070	0,317	0,002	0,008	0,090	FALSE
0,048	0,302	0,002	0,008	0,073	FALSE
0,057	0,300	0,001	0,007	0,069	FALSE
0,091	0,315	0,002	0,008	0,111	FALSE
0,007	0,309	0,000	0,008	0,003	FALSE
-0,132	0,300	-0,006	0,013	0,185	FALSE
-0,058	0,298	-0,002	0,009	0,067	FALSE
-0,065	0,303	-0,001	0,007	0,083	FALSE
-0,069	0,302	-0,003	0,012	0,087	FALSE
0,170	0,301	0,006	0,010	0,271	FALSE
-0,063	0,306	-0,002	0,012	0,064	FALSE
0,024	0,307	0,001	0,013	0,035	FALSE
-0,028	0,317	-0,001	0,007	0,029	FALSE
-0,085	0,307	-0,003	0,012	0,088	FALSE
-0,109	0,311	-0,004	0,013	0,127	FALSE
-0,035	0,311	-0,002	0,013	0,045	FALSE
-0,058	0,315	-0,002	0,012	0,067	FALSE
0,043	0,314	0,003	0,013	0,075	FALSE
0,050	0,300	0,002	0,010	0,065	FALSE
0,080	0,303	0,004	0,013	0,132	FALSE
-0,017	0,308	0,000	0,008	0,001	FALSE
-0,080	0,326	-0,003	0,013	0,101	FALSE
-0,032	0,312	-0,001	0,010	0,037	FALSE
-0,181	0,300	-0,007	0,011	0,294	FALSE
-0,038	0,301	-0,002	0,009	0,065	FALSE
0,001	0,311	0,000	0,010	0,012	FALSE
0,018	0,293	0,002	0,012	0,054	FALSE
-0,025	0,301	-0,001	0,010	0,041	FALSE
-0,066	0,303	-0,002	0,007	0,084	FALSE
-0,103	0,312	-0,002	0,007	0,101	FALSE
-0,011	0,313	0,000	0,013	0,009	FALSE
-0,051	0,304	-0,003	0,012	0,088	FALSE
-0,004	0,323	0,000	0,012	0,000	FALSE
0,049	0,310	0,001	0,009	0,053	FALSE
-0,029	0,295	-0,001	0,009	0,045	FALSE
0,041	0,321	0,001	0,008	0,068	FALSE
0,013	0,299	0,001	0,008	0,029	FALSE
0,032	0,316	0,001	0,009	0,041	FALSE
0,008	0,312	0,000	0,008	0,002	FALSE
0,002	0,307	-0,001	0,013	0,020	FALSE
0,052	0,302	0,003	0,012	0,089	FALSE
-0,028	0,311	-0,001	0,010	0,030	FALSE
0,086	0,311	0,002	0,011	0,081	FALSE
-0,165	0,291	-0,007	0,013	0,237	FALSE
-0,008	0,297	0,000	0,012	0,003	FALSE
0,076	0,312	0,002	0,007	0,105	FALSE
-0,018	0,323	-0,001	0,012	0,033	FALSE
-0,024	0,312	-0,001	0,010	0,041	FALSE
0,092	0,298	0,002	0,010	0,085	FALSE

0,014	0,313	-0,001	0,012	0,019	FALSE
0,142	0,296	0,005	0,010	0,210	FALSE
0,104	0,308	0,003	0,009	0,156	FALSE
-0,020	0,311	-0,001	0,009	0,022	FALSE
0,023	0,307	0,001	0,008	0,037	FALSE
-0,016	0,315	-0,001	0,011	0,020	FALSE
0,159	0,296	0,005	0,012	0,185	FALSE
0,044	0,290	0,000	0,010	0,016	FALSE
-0,163	0,293	-0,007	0,012	0,230	FALSE
0,133	0,303	0,005	0,010	0,203	FALSE
0,097	0,302	0,003	0,010	0,134	FALSE
0,098	0,322	0,003	0,011	0,125	FALSE
0,106	0,305	0,004	0,011	0,135	FALSE
0,010	0,311	0,001	0,010	0,022	FALSE
-0,062	0,294	-0,002	0,008	0,086	FALSE
-0,144	0,305	-0,005	0,013	0,173	FALSE
0,147	0,321	0,005	0,012	0,171	FALSE
-0,097	0,309	-0,004	0,012	0,118	FALSE
0,136	0,295	0,003	0,008	0,164	FALSE
-0,014	0,310	0,000	0,010	0,004	FALSE
0,033	0,306	0,001	0,007	0,046	FALSE
-0,142	0,314	-0,004	0,008	0,202	FALSE
-0,132	0,308	-0,005	0,010	0,189	FALSE
-0,109	0,301	-0,003	0,007	0,147	FALSE
0,087	0,311	0,003	0,013	0,100	FALSE
0,044	0,326	0,001	0,012	0,038	FALSE
-0,051	0,320	-0,001	0,007	0,073	FALSE
-0,022	0,306	-0,001	0,008	0,039	FALSE
-0,097	0,305	-0,003	0,010	0,124	FALSE
-0,115	0,306	-0,005	0,013	0,150	FALSE
-0,126	0,287	-0,004	0,008	0,194	FALSE
-0,197	0,296	-0,006	0,010	0,266	FALSE
0,103	0,310	0,004	0,012	0,124	FALSE
0,277	0,274	0,006	0,007	0,437	FALSE
0,112	0,312	0,004	0,012	0,135	FALSE
0,101	0,297	0,004	0,011	0,119	FALSE
0,113	0,298	0,004	0,011	0,143	FALSE
0,079	0,297	0,002	0,012	0,071	FALSE
0,042	0,309	0,001	0,009	0,043	FALSE
0,139	0,290	0,004	0,011	0,165	FALSE
0,144	0,307	0,003	0,007	0,215	FALSE
0,174	0,316	0,004	0,007	0,244	FALSE
0,182	0,294	0,006	0,010	0,267	FALSE
-0,023	0,307	-0,001	0,013	0,017	FALSE
0,076	0,310	0,001	0,006	0,076	FALSE
0,096	0,310	0,002	0,007	0,121	FALSE
0,024	0,311	0,002	0,010	0,056	FALSE
0,077	0,302	0,002	0,008	0,097	FALSE
0,080	0,316	0,002	0,007	0,122	FALSE
-0,149	0,309	-0,006	0,012	0,215	FALSE
-0,041	0,312	-0,001	0,008	0,033	FALSE
-0,107	0,311	-0,002	0,007	0,131	FALSE
-0,087	0,302	-0,002	0,007	0,110	FALSE

-0,116	0,305	-0,002	0,006	0,151	FALSE
-0,060	0,303	-0,002	0,007	0,087	FALSE
0,135	0,292	0,004	0,010	0,187	FALSE
-0,115	0,334	-0,003	0,010	0,118	FALSE
0,003	0,315	0,000	0,013	0,002	FALSE
0,141	0,284	0,005	0,011	0,213	FALSE
0,075	0,297	0,004	0,011	0,129	FALSE
-0,027	0,308	-0,001	0,013	0,037	FALSE
0,013	0,294	0,000	0,012	0,001	FALSE
0,023	0,307	0,001	0,007	0,029	FALSE
0,025	0,313	0,000	0,008	0,020	FALSE
0,041	0,312	0,001	0,009	0,056	FALSE
-0,028	0,308	0,000	0,006	0,008	FALSE
0,018	0,295	0,000	0,006	0,001	FALSE
0,089	0,303	0,004	0,011	0,163	FALSE
0,065	0,305	0,001	0,011	0,049	FALSE
0,077	0,307	0,002	0,007	0,095	FALSE
0,090	0,313	0,002	0,008	0,114	FALSE
-0,167	0,310	-0,007	0,011	0,302	FALSE
-0,022	0,303	0,000	0,008	0,014	FALSE
0,135	0,293	0,005	0,010	0,226	FALSE
0,041	0,303	0,001	0,007	0,031	FALSE
-0,113	0,311	-0,003	0,008	0,142	FALSE
0,026	0,306	0,000	0,007	0,007	FALSE
-0,152	0,321	-0,005	0,011	0,183	FALSE
0,111	0,300	0,003	0,008	0,148	FALSE
0,013	0,309	0,000	0,008	0,014	FALSE
0,000	0,303	0,000	0,011	0,014	FALSE
0,051	0,313	0,003	0,012	0,081	FALSE
-0,143	0,293	-0,007	0,013	0,229	FALSE
-0,014	0,312	0,000	0,009	0,005	FALSE
0,066	0,296	0,002	0,010	0,092	FALSE
-0,063	0,308	-0,002	0,007	0,091	FALSE
-0,114	0,321	-0,004	0,012	0,129	FALSE
0,111	0,286	0,004	0,012	0,143	FALSE
0,069	0,300	0,002	0,006	0,129	FALSE
0,065	0,310	0,002	0,006	0,120	FALSE
0,076	0,296	0,003	0,011	0,118	FALSE
-0,068	0,297	-0,002	0,007	0,088	FALSE
0,036	0,315	0,002	0,013	0,050	FALSE
0,019	0,311	0,001	0,010	0,046	FALSE
-0,034	0,322	-0,002	0,012	0,069	FALSE
-0,068	0,310	-0,003	0,012	0,102	FALSE
-0,052	0,306	-0,003	0,012	0,084	FALSE
-0,055	0,298	-0,002	0,012	0,072	FALSE
0,077	0,307	0,004	0,011	0,133	FALSE
0,017	0,302	0,002	0,012	0,051	FALSE
0,083	0,303	0,003	0,009	0,130	FALSE
0,058	0,316	0,002	0,010	0,088	FALSE
-0,016	0,298	0,000	0,011	0,001	FALSE
-0,163	0,311	-0,006	0,012	0,211	FALSE
-0,143	0,305	-0,005	0,012	0,162	FALSE
0,155	0,292	0,005	0,010	0,210	FALSE

-0,058	0,319	-0,001	0,011	0,045	FALSE
-0,068	0,297	-0,002	0,010	0,077	FALSE
-0,022	0,314	-0,001	0,013	0,016	FALSE
0,213	0,303	0,009	0,013	0,328	FALSE
-0,053	0,314	-0,001	0,008	0,064	FALSE
-0,082	0,300	-0,003	0,011	0,120	FALSE
0,129	0,298	0,007	0,013	0,225	FALSE
0,020	0,296	0,000	0,010	0,004	FALSE
0,027	0,294	0,000	0,008	0,019	FALSE
0,074	0,308	0,003	0,009	0,120	FALSE
-0,202	0,290	-0,008	0,013	0,276	FALSE
0,123	0,299	0,004	0,009	0,175	FALSE
0,120	0,292	0,003	0,007	0,181	FALSE
0,024	0,328	0,001	0,008	0,053	FALSE
-0,020	0,313	-0,001	0,006	0,041	FALSE
-0,022	0,307	-0,001	0,007	0,042	FALSE
-0,041	0,306	-0,001	0,008	0,056	FALSE
-0,031	0,314	-0,001	0,008	0,049	FALSE
0,100	0,319	0,003	0,007	0,159	FALSE
0,081	0,298	0,002	0,006	0,141	FALSE
0,009	0,307	0,000	0,008	0,007	FALSE
0,086	0,301	0,003	0,011	0,112	FALSE
-0,075	0,314	-0,003	0,013	0,094	FALSE
-0,069	0,313	-0,003	0,013	0,086	FALSE
-0,151	0,303	-0,005	0,009	0,240	FALSE
0,153	0,309	0,005	0,009	0,261	FALSE
-0,082	0,307	-0,003	0,012	0,112	FALSE
0,108	0,299	0,005	0,011	0,177	FALSE
0,094	0,299	0,004	0,011	0,152	FALSE
0,120	0,293	0,006	0,013	0,183	FALSE
-0,077	0,302	-0,003	0,012	0,100	FALSE
0,111	0,302	0,003	0,008	0,175	FALSE
-0,035	0,316	-0,001	0,010	0,049	FALSE
-0,034	0,310	-0,001	0,007	0,037	FALSE
-0,035	0,312	-0,001	0,010	0,051	FALSE
-0,063	0,291	-0,001	0,008	0,053	FALSE
-0,030	0,296	-0,001	0,012	0,032	FALSE
-0,071	0,300	-0,001	0,008	0,069	FALSE
-0,142	0,310	-0,004	0,009	0,165	FALSE
0,032	0,316	0,001	0,009	0,033	FALSE
0,052	0,322	0,001	0,007	0,066	FALSE
0,048	0,300	0,002	0,007	0,104	FALSE
0,029	0,310	0,001	0,011	0,035	FALSE
-0,023	0,306	-0,001	0,008	0,026	FALSE
0,019	0,294	0,001	0,007	0,055	FALSE
-0,093	0,304	-0,003	0,010	0,119	FALSE
-0,062	0,295	-0,001	0,008	0,070	FALSE
-0,049	0,315	-0,001	0,007	0,038	FALSE
0,075	0,303	0,004	0,012	0,146	FALSE
0,017	0,310	0,002	0,011	0,052	FALSE
0,025	0,307	0,002	0,011	0,071	FALSE
0,040	0,292	0,002	0,010	0,092	FALSE
0,013	0,300	0,001	0,011	0,042	FALSE

0,017	0,307	0,002	0,010	0,060	FALSE
-0,058	0,305	-0,002	0,012	0,071	FALSE
-0,046	0,310	-0,001	0,007	0,027	FALSE
0,007	0,310	0,000	0,014	0,009	FALSE
-0,026	0,300	-0,001	0,013	0,037	FALSE
0,002	0,294	0,000	0,013	0,001	FALSE
-0,013	0,290	-0,001	0,013	0,030	FALSE
0,057	0,311	0,001	0,012	0,041	FALSE
-0,093	0,303	-0,005	0,012	0,153	FALSE
-0,088	0,301	-0,003	0,010	0,114	FALSE
-0,053	0,308	-0,002	0,012	0,055	FALSE
0,005	0,298	0,000	0,012	0,011	FALSE
-0,050	0,309	-0,003	0,011	0,105	FALSE
-0,055	0,315	-0,001	0,009	0,056	FALSE
0,078	0,301	0,002	0,008	0,101	FALSE
-0,056	0,311	-0,002	0,010	0,057	FALSE
-0,003	0,317	0,000	0,012	0,008	FALSE
0,006	0,312	0,000	0,008	0,020	FALSE
0,009	0,303	0,000	0,008	0,013	FALSE
-0,104	0,307	-0,002	0,006	0,129	FALSE
-0,007	0,322	0,000	0,013	0,009	FALSE
-0,017	0,305	-0,001	0,013	0,016	FALSE
-0,032	0,309	-0,001	0,006	0,031	FALSE
-0,034	0,302	0,000	0,012	0,015	FALSE
-0,060	0,303	-0,004	0,013	0,127	FALSE
-0,069	0,312	-0,002	0,008	0,096	FALSE
0,072	0,310	0,001	0,008	0,071	FALSE
0,162	0,298	0,003	0,006	0,220	FALSE
-0,091	0,315	-0,002	0,007	0,127	FALSE
0,157	0,313	0,003	0,007	0,204	FALSE
-0,021	0,314	-0,001	0,011	0,027	FALSE
-0,027	0,294	-0,001	0,010	0,033	FALSE
-0,060	0,310	-0,001	0,010	0,048	FALSE
-0,091	0,307	-0,003	0,009	0,111	FALSE
-0,004	0,306	-0,001	0,006	0,030	FALSE
-0,007	0,316	-0,001	0,013	0,031	FALSE
0,027	0,309	0,001	0,011	0,036	FALSE
0,110	0,301	0,003	0,008	0,156	FALSE
0,025	0,314	0,001	0,009	0,039	FALSE
-0,096	0,303	-0,002	0,007	0,130	FALSE
0,052	0,315	0,002	0,008	0,069	FALSE
0,013	0,304	0,001	0,006	0,048	FALSE
-0,013	0,304	-0,001	0,008	0,042	FALSE
0,062	0,294	0,002	0,009	0,069	FALSE
-0,097	0,292	-0,003	0,011	0,098	FALSE
0,024	0,298	0,001	0,012	0,035	FALSE
-0,074	0,300	-0,002	0,006	0,105	FALSE
-0,016	0,306	0,001	0,009	0,027	FALSE
0,001	0,319	0,000	0,007	0,006	FALSE
-0,017	0,294	0,000	0,011	0,010	FALSE
0,039	0,307	0,001	0,006	0,041	FALSE
0,090	0,305	0,002	0,007	0,085	FALSE
0,025	0,314	0,001	0,007	0,049	FALSE

-0,030	0,301	0,000	0,011	0,003	FALSE
-0,111	0,296	-0,002	0,007	0,138	FALSE
-0,031	0,303	0,000	0,007	0,003	FALSE
0,062	0,297	0,002	0,008	0,122	FALSE
-0,038	0,314	-0,001	0,007	0,033	FALSE
-0,083	0,293	-0,002	0,006	0,096	FALSE
-0,039	0,321	-0,001	0,008	0,044	FALSE
-0,035	0,306	-0,001	0,013	0,034	FALSE
-0,059	0,320	-0,001	0,007	0,059	FALSE
0,155	0,300	0,004	0,008	0,208	FALSE
-0,003	0,321	0,000	0,008	0,009	FALSE
-0,016	0,312	0,000	0,006	0,019	FALSE
-0,111	0,300	-0,005	0,012	0,165	FALSE
-0,027	0,309	-0,001	0,007	0,054	FALSE
0,036	0,300	0,002	0,008	0,082	FALSE
0,057	0,293	0,003	0,010	0,108	FALSE
-0,018	0,308	-0,001	0,009	0,038	FALSE
-0,064	0,313	-0,001	0,008	0,045	FALSE
0,071	0,307	0,001	0,007	0,085	FALSE
-0,059	0,317	-0,002	0,009	0,083	FALSE
-0,153	0,305	-0,003	0,007	0,208	FALSE
-0,055	0,314	-0,002	0,009	0,063	FALSE
-0,009	0,312	-0,001	0,010	0,029	FALSE
-0,148	0,308	-0,003	0,007	0,208	FALSE
0,103	0,296	0,006	0,013	0,203	FALSE
-0,038	0,304	-0,002	0,009	0,082	FALSE
-0,168	0,283	-0,008	0,012	0,291	FALSE
-0,164	0,307	-0,005	0,009	0,236	FALSE
0,063	0,300	0,001	0,009	0,054	FALSE
-0,036	0,321	-0,001	0,007	0,038	FALSE
0,019	0,308	0,002	0,013	0,046	FALSE
-0,027	0,317	-0,001	0,008	0,047	FALSE
-0,008	0,303	0,000	0,012	0,008	FALSE
-0,011	0,297	0,000	0,007	0,006	FALSE
0,076	0,290	0,002	0,009	0,099	FALSE
0,160	0,295	0,006	0,010	0,232	FALSE
-0,060	0,318	-0,002	0,009	0,077	FALSE
0,036	0,303	0,001	0,009	0,039	FALSE
-0,116	0,312	-0,003	0,008	0,162	FALSE
-0,023	0,295	0,000	0,008	0,021	FALSE
-0,025	0,306	-0,001	0,006	0,045	FALSE
0,134	0,302	0,005	0,012	0,166	FALSE
0,060	0,317	0,002	0,012	0,068	FALSE
0,063	0,317	0,002	0,012	0,078	FALSE
0,034	0,300	0,001	0,007	0,069	FALSE
0,005	0,306	-0,001	0,012	0,022	FALSE
0,053	0,305	0,002	0,007	0,098	FALSE
-0,035	0,314	0,000	0,007	0,017	FALSE
-0,005	0,316	0,000	0,010	0,014	FALSE
0,095	0,313	0,003	0,010	0,111	FALSE
0,166	0,299	0,005	0,010	0,228	FALSE
0,038	0,314	0,002	0,013	0,067	FALSE
0,076	0,307	0,002	0,010	0,091	FALSE

0,072	0,318	0,002	0,011	0,076	FALSE
0,115	0,311	0,003	0,009	0,112	FALSE
0,148	0,299	0,004	0,009	0,169	FALSE
0,010	0,319	0,000	0,009	0,014	FALSE
0,037	0,301	0,001	0,009	0,049	FALSE
0,014	0,316	0,000	0,009	0,013	FALSE
0,000	0,318	0,000	0,009	0,010	FALSE
0,037	0,293	0,001	0,007	0,084	FALSE
-0,132	0,316	-0,003	0,007	0,175	FALSE
0,040	0,303	0,001	0,008	0,039	FALSE
-0,069	0,296	-0,002	0,008	0,074	FALSE
-0,211	0,288	-0,005	0,007	0,322	FALSE
-0,160	0,290	-0,004	0,008	0,227	FALSE
0,030	0,317	0,001	0,007	0,045	FALSE
0,024	0,312	0,001	0,013	0,040	FALSE
-0,072	0,308	-0,002	0,008	0,079	FALSE
-0,013	0,310	-0,001	0,010	0,039	FALSE
-0,094	0,302	-0,002	0,006	0,106	FALSE
-0,015	0,311	0,000	0,008	0,005	FALSE
-0,023	0,314	0,000	0,007	0,014	FALSE
0,167	0,296	0,005	0,008	0,261	FALSE
-0,076	0,306	-0,002	0,006	0,104	FALSE
-0,101	0,302	-0,003	0,012	0,114	FALSE
0,028	0,311	0,000	0,012	0,002	FALSE
-0,095	0,307	-0,003	0,008	0,154	FALSE
0,114	0,308	0,005	0,012	0,171	FALSE
0,071	0,304	0,002	0,008	0,103	FALSE
0,089	0,304	0,002	0,009	0,084	FALSE
-0,062	0,292	-0,001	0,006	0,070	FALSE
0,030	0,309	0,001	0,008	0,057	FALSE
0,040	0,315	0,002	0,013	0,056	FALSE
-0,073	0,306	-0,003	0,013	0,090	FALSE
-0,003	0,311	0,000	0,008	0,007	FALSE
-0,041	0,314	-0,002	0,011	0,050	FALSE
-0,105	0,306	-0,002	0,007	0,149	FALSE
-0,074	0,311	-0,003	0,011	0,107	FALSE
0,033	0,292	0,001	0,009	0,044	FALSE
0,052	0,305	0,001	0,011	0,047	FALSE
0,071	0,294	0,003	0,011	0,102	FALSE
0,040	0,305	0,001	0,007	0,052	FALSE
0,008	0,307	0,000	0,007	0,021	FALSE
-0,124	0,292	-0,003	0,007	0,156	FALSE
0,126	0,309	0,003	0,007	0,151	FALSE
-0,067	0,309	-0,001	0,008	0,071	FALSE
-0,107	0,307	-0,002	0,007	0,123	FALSE
0,162	0,295	0,007	0,012	0,261	FALSE
0,032	0,311	0,001	0,010	0,044	FALSE
-0,007	0,307	-0,001	0,013	0,022	FALSE
0,011	0,327	0,000	0,008	0,000	FALSE
0,108	0,308	0,002	0,007	0,122	FALSE
0,054	0,315	0,001	0,008	0,057	FALSE
0,078	0,298	0,003	0,013	0,092	FALSE
0,035	0,304	0,001	0,012	0,030	FALSE

0,065	0,308	0,002	0,009	0,083	FALSE
0,103	0,309	0,003	0,007	0,157	FALSE
0,116	0,310	0,002	0,006	0,157	FALSE
0,057	0,311	0,002	0,008	0,091	FALSE
0,071	0,308	0,002	0,007	0,096	FALSE
0,058	0,306	0,002	0,007	0,089	FALSE
-0,122	0,310	-0,004	0,009	0,162	FALSE
-0,127	0,304	-0,006	0,012	0,207	FALSE
0,054	0,302	0,002	0,008	0,068	FALSE
-0,006	0,318	0,000	0,007	0,014	FALSE
0,007	0,307	0,000	0,008	0,007	FALSE
-0,100	0,316	-0,003	0,007	0,140	FALSE
0,100	0,314	0,003	0,009	0,126	FALSE
0,029	0,309	0,001	0,008	0,053	FALSE
0,004	0,297	-0,001	0,011	0,017	FALSE
-0,005	0,315	-0,001	0,012	0,020	FALSE
-0,049	0,315	-0,002	0,010	0,082	FALSE
-0,054	0,307	-0,001	0,007	0,034	FALSE
0,032	0,296	0,001	0,012	0,017	FALSE
-0,045	0,306	-0,001	0,013	0,023	FALSE
-0,020	0,305	0,000	0,009	0,000	FALSE
0,003	0,307	0,000	0,007	0,023	FALSE
-0,063	0,305	-0,001	0,007	0,070	FALSE
-0,017	0,297	0,000	0,007	0,006	FALSE
-0,140	0,310	-0,004	0,011	0,171	FALSE
-0,003	0,296	-0,001	0,010	0,049	FALSE
0,065	0,312	0,003	0,011	0,098	FALSE
-0,079	0,317	-0,001	0,006	0,088	FALSE
0,139	0,300	0,003	0,006	0,213	FALSE
0,131	0,310	0,004	0,007	0,215	FALSE
-0,060	0,310	-0,002	0,012	0,072	FALSE
0,007	0,297	0,001	0,012	0,017	FALSE
-0,042	0,309	-0,001	0,009	0,045	FALSE
-0,020	0,303	-0,001	0,012	0,021	FALSE
0,043	0,311	0,002	0,011	0,072	FALSE
0,044	0,304	0,001	0,007	0,072	FALSE
-0,052	0,298	-0,001	0,007	0,057	FALSE
0,145	0,295	0,006	0,011	0,247	FALSE
0,042	0,308	0,002	0,012	0,057	FALSE
-0,136	0,313	-0,004	0,007	0,202	FALSE
-0,081	0,303	-0,002	0,007	0,094	FALSE
0,086	0,296	0,003	0,008	0,154	FALSE
-0,029	0,307	-0,002	0,012	0,061	FALSE
-0,048	0,286	-0,002	0,009	0,077	FALSE
0,002	0,297	0,000	0,008	0,022	FALSE
0,068	0,315	0,003	0,013	0,102	FALSE
-0,081	0,304	-0,004	0,010	0,140	FALSE
0,062	0,316	0,002	0,012	0,055	FALSE
0,034	0,320	0,000	0,013	0,010	FALSE
0,044	0,326	0,001	0,010	0,025	FALSE
-0,027	0,307	-0,001	0,007	0,048	FALSE
-0,088	0,305	-0,004	0,012	0,113	FALSE
-0,199	0,309	-0,008	0,011	0,303	FALSE

-0,032	0,316	-0,001	0,008	0,054	FALSE
-0,081	0,301	-0,003	0,012	0,095	FALSE
0,002	0,310	0,000	0,007	0,003	FALSE
0,015	0,309	0,001	0,013	0,032	FALSE
0,006	0,311	0,000	0,006	0,025	FALSE
-0,002	0,316	0,000	0,007	0,018	FALSE
-0,051	0,303	-0,001	0,007	0,067	FALSE
-0,001	0,309	0,000	0,011	0,006	FALSE
0,013	0,309	0,000	0,012	0,009	FALSE
-0,076	0,302	-0,003	0,013	0,084	FALSE
0,051	0,292	0,002	0,011	0,077	FALSE
-0,040	0,303	-0,001	0,010	0,041	FALSE
0,022	0,304	0,001	0,007	0,040	FALSE
-0,031	0,325	-0,001	0,008	0,041	FALSE
-0,023	0,314	-0,002	0,012	0,046	FALSE
-0,041	0,305	-0,003	0,013	0,076	FALSE
0,084	0,294	0,003	0,012	0,113	FALSE
0,040	0,304	0,001	0,008	0,062	FALSE
0,086	0,295	0,003	0,011	0,093	FALSE
0,067	0,299	0,002	0,010	0,065	FALSE
0,143	0,306	0,003	0,006	0,233	FALSE
-0,063	0,288	-0,003	0,012	0,112	FALSE
-0,009	0,305	0,000	0,007	0,019	FALSE
-0,051	0,300	-0,001	0,008	0,074	FALSE
0,053	0,303	0,003	0,012	0,096	FALSE
0,060	0,305	0,004	0,013	0,125	FALSE
-0,108	0,319	-0,002	0,007	0,143	FALSE
0,030	0,300	0,001	0,006	0,050	FALSE
0,041	0,309	0,001	0,013	0,027	FALSE
0,065	0,304	0,002	0,012	0,049	FALSE
-0,024	0,310	0,000	0,013	0,012	FALSE
-0,099	0,294	-0,003	0,008	0,121	FALSE
0,019	0,306	0,001	0,013	0,036	FALSE
-0,036	0,311	-0,001	0,007	0,044	FALSE
0,000	0,298	0,000	0,011	0,002	FALSE
0,033	0,305	0,001	0,006	0,043	FALSE
-0,104	0,305	-0,002	0,009	0,106	FALSE
-0,048	0,299	-0,002	0,008	0,075	FALSE
0,004	0,322	0,000	0,007	0,017	FALSE
0,028	0,314	0,002	0,009	0,066	FALSE
-0,037	0,308	-0,001	0,009	0,057	FALSE
0,077	0,308	0,003	0,011	0,086	FALSE
0,074	0,304	0,002	0,009	0,090	FALSE
0,167	0,291	0,007	0,013	0,242	FALSE
0,075	0,304	0,002	0,009	0,093	FALSE
-0,106	0,308	-0,003	0,009	0,118	FALSE
0,006	0,314	0,000	0,013	0,003	FALSE
0,009	0,304	0,000	0,013	0,012	FALSE
0,011	0,302	0,001	0,009	0,055	FALSE
-0,008	0,315	0,000	0,010	0,009	FALSE
0,013	0,326	0,000	0,007	0,007	FALSE
0,094	0,313	0,003	0,010	0,136	FALSE
-0,040	0,305	0,000	0,006	0,014	FALSE

0,054	0,311	0,002	0,007	0,085	FALSE
0,058	0,300	0,003	0,009	0,115	FALSE
0,094	0,311	0,004	0,013	0,130	FALSE
0,113	0,302	0,005	0,013	0,169	FALSE
-0,032	0,304	-0,001	0,008	0,050	FALSE
0,043	0,313	0,002	0,011	0,058	FALSE
0,059	0,326	0,003	0,012	0,088	FALSE
0,004	0,310	0,001	0,011	0,038	FALSE
0,029	0,308	0,001	0,008	0,027	FALSE
0,065	0,295	0,002	0,010	0,064	FALSE
0,078	0,312	0,002	0,013	0,067	FALSE
-0,066	0,301	-0,001	0,007	0,061	FALSE
0,060	0,320	0,002	0,009	0,065	FALSE
0,162	0,302	0,006	0,013	0,204	FALSE
-0,012	0,323	0,000	0,010	0,003	FALSE
-0,052	0,298	-0,001	0,010	0,051	FALSE
-0,082	0,297	-0,003	0,011	0,107	FALSE
-0,077	0,301	-0,001	0,006	0,079	FALSE
0,058	0,310	0,001	0,008	0,067	FALSE
0,029	0,297	0,001	0,012	0,020	FALSE
0,012	0,307	0,001	0,010	0,026	FALSE
-0,019	0,306	-0,001	0,012	0,025	FALSE
-0,035	0,298	-0,001	0,012	0,042	FALSE
-0,054	0,305	-0,002	0,010	0,061	FALSE
-0,015	0,295	-0,001	0,011	0,032	FALSE
-0,006	0,310	-0,001	0,012	0,018	FALSE
-0,086	0,306	-0,003	0,008	0,143	FALSE
-0,108	0,320	-0,004	0,011	0,155	FALSE
0,014	0,308	0,000	0,007	0,008	FALSE
0,143	0,298	0,003	0,007	0,156	FALSE
0,083	0,297	0,002	0,009	0,069	FALSE
-0,044	0,297	-0,001	0,011	0,035	FALSE
-0,077	0,323	-0,002	0,009	0,068	FALSE
-0,040	0,306	-0,001	0,006	0,040	FALSE
-0,037	0,297	-0,001	0,006	0,036	FALSE
-0,119	0,304	-0,004	0,010	0,168	FALSE
0,050	0,291	0,002	0,009	0,066	FALSE
-0,019	0,314	0,000	0,008	0,003	FALSE
-0,002	0,309	0,000	0,012	0,007	FALSE
-0,018	0,296	-0,001	0,008	0,031	FALSE
0,052	0,309	0,001	0,007	0,055	FALSE
-0,005	0,303	0,000	0,008	0,002	FALSE
0,020	0,321	0,000	0,009	0,015	FALSE
0,036	0,311	0,001	0,009	0,061	FALSE
0,126	0,311	0,003	0,008	0,179	FALSE
-0,106	0,291	-0,002	0,006	0,117	FALSE
-0,037	0,308	-0,002	0,011	0,081	FALSE
0,050	0,308	0,002	0,012	0,048	FALSE
0,027	0,301	0,000	0,007	0,002	FALSE
0,016	0,311	0,000	0,009	0,006	FALSE
0,017	0,310	0,001	0,008	0,023	FALSE
0,051	0,301	0,001	0,007	0,071	FALSE
-0,007	0,321	0,000	0,009	0,007	FALSE

-0,018	0,311	-0,001	0,011	0,019	FALSE
0,013	0,317	0,000	0,009	0,008	FALSE
0,026	0,302	0,000	0,009	0,010	FALSE
-0,008	0,310	0,000	0,008	0,014	FALSE
-0,053	0,308	-0,001	0,008	0,039	FALSE
-0,093	0,315	-0,002	0,007	0,096	FALSE
-0,057	0,309	-0,002	0,012	0,065	FALSE
-0,027	0,314	-0,001	0,012	0,033	FALSE
-0,020	0,320	-0,001	0,013	0,030	FALSE
-0,015	0,310	-0,001	0,013	0,028	FALSE
0,007	0,318	-0,001	0,012	0,029	FALSE
0,134	0,324	0,005	0,011	0,180	FALSE
0,113	0,299	0,004	0,011	0,141	FALSE
0,051	0,298	0,001	0,006	0,071	FALSE
0,012	0,321	0,001	0,009	0,024	FALSE
0,050	0,305	0,003	0,012	0,081	FALSE
0,012	0,294	0,000	0,008	0,011	FALSE
0,020	0,317	0,000	0,008	0,014	FALSE
0,127	0,299	0,004	0,007	0,221	FALSE
-0,084	0,314	-0,003	0,011	0,117	FALSE
0,032	0,302	0,001	0,007	0,053	FALSE
0,015	0,314	0,001	0,010	0,040	FALSE
-0,009	0,312	-0,001	0,010	0,028	FALSE
-0,088	0,329	-0,004	0,013	0,100	FALSE
0,068	0,319	0,002	0,010	0,072	FALSE
0,096	0,307	0,003	0,008	0,127	FALSE
0,044	0,310	0,001	0,007	0,069	FALSE
0,109	0,297	0,003	0,008	0,167	FALSE
-0,015	0,311	0,000	0,012	0,008	FALSE
-0,032	0,298	-0,001	0,010	0,043	FALSE
0,043	0,306	0,001	0,010	0,054	FALSE
-0,099	0,308	-0,003	0,009	0,107	FALSE
-0,018	0,306	0,000	0,007	0,018	FALSE
-0,009	0,304	-0,001	0,013	0,020	FALSE
-0,128	0,301	-0,003	0,009	0,157	FALSE
0,097	0,304	0,004	0,012	0,149	FALSE
-0,119	0,304	-0,005	0,010	0,184	FALSE
0,094	0,308	0,002	0,007	0,107	FALSE
0,047	0,310	0,001	0,009	0,057	FALSE
0,030	0,302	0,002	0,011	0,048	FALSE
0,018	0,312	0,002	0,012	0,048	FALSE
0,062	0,319	0,002	0,011	0,077	FALSE
0,040	0,308	0,002	0,011	0,051	FALSE
-0,091	0,309	-0,003	0,010	0,122	FALSE
0,015	0,324	0,001	0,012	0,020	FALSE
-0,071	0,293	-0,001	0,009	0,062	FALSE
-0,041	0,317	-0,001	0,008	0,058	FALSE
0,055	0,296	0,002	0,006	0,100	FALSE
0,035	0,303	0,002	0,012	0,062	FALSE
-0,029	0,306	-0,001	0,011	0,050	FALSE
0,020	0,301	0,000	0,008	0,017	FALSE
0,058	0,294	0,002	0,008	0,073	FALSE
0,016	0,310	0,000	0,013	0,003	FALSE

0,033	0,296	0,001	0,007	0,034	FALSE
0,000	0,313	-0,001	0,010	0,021	FALSE
-0,005	0,317	-0,001	0,010	0,031	FALSE
-0,012	0,314	-0,001	0,010	0,043	FALSE
0,006	0,302	0,000	0,007	0,017	FALSE
-0,051	0,284	-0,002	0,008	0,108	FALSE
0,062	0,312	0,002	0,008	0,076	FALSE
0,051	0,301	0,003	0,012	0,089	FALSE
-0,062	0,308	-0,002	0,011	0,060	FALSE
-0,044	0,308	-0,001	0,006	0,053	FALSE
0,006	0,300	0,001	0,012	0,022	FALSE
-0,022	0,308	0,000	0,008	0,002	FALSE
-0,056	0,307	-0,002	0,012	0,047	FALSE
0,030	0,295	0,001	0,011	0,032	FALSE
-0,047	0,288	-0,001	0,007	0,045	FALSE
-0,076	0,296	-0,001	0,008	0,062	FALSE
0,002	0,310	0,000	0,010	0,014	FALSE
0,031	0,312	0,002	0,013	0,049	FALSE
0,019	0,321	0,001	0,012	0,026	FALSE
0,052	0,311	0,002	0,008	0,075	FALSE
0,038	0,314	0,000	0,009	0,012	FALSE
-0,060	0,314	-0,004	0,013	0,111	FALSE
0,065	0,302	0,002	0,009	0,078	FALSE
0,068	0,303	0,002	0,008	0,082	FALSE
0,057	0,310	0,001	0,009	0,059	FALSE
0,001	0,320	0,000	0,007	0,004	FALSE
0,032	0,323	0,001	0,012	0,039	FALSE
0,119	0,311	0,005	0,011	0,160	FALSE
-0,035	0,309	-0,001	0,007	0,052	FALSE
-0,103	0,305	-0,004	0,011	0,159	FALSE
-0,088	0,321	-0,004	0,012	0,119	FALSE
-0,035	0,312	-0,001	0,008	0,044	FALSE
0,027	0,304	0,001	0,010	0,030	FALSE
0,019	0,301	0,000	0,008	0,008	FALSE
-0,181	0,308	-0,004	0,008	0,236	FALSE
-0,184	0,301	-0,004	0,008	0,234	FALSE
0,039	0,305	0,001	0,006	0,057	FALSE
-0,041	0,311	-0,001	0,007	0,038	FALSE
-0,031	0,318	-0,002	0,012	0,048	FALSE
-0,044	0,309	-0,001	0,007	0,047	FALSE
-0,023	0,309	0,000	0,007	0,021	FALSE
0,167	0,307	0,006	0,011	0,265	FALSE
-0,026	0,311	0,000	0,007	0,021	FALSE
0,035	0,292	0,001	0,009	0,030	FALSE
-0,053	0,302	-0,002	0,012	0,052	FALSE
-0,061	0,299	-0,003	0,012	0,112	FALSE
0,065	0,303	0,002	0,007	0,082	FALSE
-0,025	0,302	-0,001	0,010	0,031	FALSE
0,046	0,308	0,002	0,013	0,060	FALSE
0,075	0,309	0,003	0,012	0,089	FALSE
-0,058	0,300	-0,002	0,008	0,077	FALSE
0,088	0,302	0,003	0,008	0,140	FALSE
0,067	0,301	0,003	0,008	0,133	FALSE

-0,026	0,309	-0,001	0,008	0,028	FALSE
0,042	0,301	0,001	0,006	0,045	FALSE
-0,090	0,306	-0,003	0,012	0,098	FALSE
-0,059	0,316	-0,002	0,012	0,064	FALSE
0,029	0,307	0,001	0,008	0,032	FALSE
0,010	0,308	0,000	0,006	0,003	FALSE
0,010	0,320	0,000	0,006	0,009	FALSE
0,014	0,313	0,001	0,006	0,033	FALSE
0,095	0,308	0,002	0,008	0,098	FALSE
0,055	0,299	0,002	0,010	0,094	FALSE
-0,020	0,291	0,000	0,012	0,014	FALSE
-0,055	0,316	-0,002	0,012	0,061	FALSE
0,088	0,303	0,002	0,007	0,102	FALSE
-0,023	0,307	-0,001	0,008	0,037	FALSE
0,023	0,306	0,001	0,010	0,056	FALSE
0,004	0,311	0,001	0,006	0,033	FALSE
-0,036	0,309	-0,001	0,008	0,068	FALSE
-0,047	0,314	-0,002	0,008	0,089	FALSE
-0,137	0,298	-0,004	0,010	0,184	FALSE
0,035	0,309	0,001	0,007	0,042	FALSE
-0,039	0,321	-0,001	0,008	0,027	FALSE
-0,057	0,311	-0,001	0,010	0,045	FALSE
0,049	0,298	0,002	0,010	0,075	FALSE
0,039	0,315	0,002	0,010	0,059	FALSE
0,001	0,310	0,000	0,011	0,009	FALSE
-0,050	0,305	-0,002	0,013	0,062	FALSE
-0,021	0,309	-0,001	0,009	0,022	FALSE
-0,127	0,308	-0,003	0,008	0,167	FALSE
0,011	0,301	0,000	0,006	0,016	FALSE
-0,126	0,306	-0,003	0,008	0,158	FALSE
0,000	0,285	0,000	0,008	0,010	FALSE
0,080	0,303	0,002	0,011	0,074	FALSE
-0,119	0,308	-0,004	0,011	0,155	FALSE
0,010	0,306	0,000	0,012	0,000	FALSE
-0,006	0,297	0,000	0,010	0,000	FALSE
0,100	0,296	0,003	0,007	0,156	FALSE
0,036	0,312	0,001	0,007	0,041	FALSE
0,101	0,312	0,003	0,010	0,123	FALSE
-0,030	0,313	0,000	0,007	0,006	FALSE
-0,087	0,299	-0,002	0,007	0,105	FALSE
-0,011	0,323	0,000	0,007	0,013	FALSE
-0,052	0,312	-0,001	0,009	0,048	FALSE
-0,086	0,298	-0,002	0,007	0,122	FALSE
-0,023	0,308	-0,001	0,007	0,027	FALSE
-0,096	0,306	-0,002	0,008	0,118	FALSE
-0,133	0,301	-0,003	0,007	0,190	FALSE
-0,105	0,309	-0,003	0,008	0,127	FALSE
-0,193	0,291	-0,004	0,007	0,265	FALSE
0,036	0,298	0,001	0,011	0,039	FALSE
0,120	0,303	0,002	0,007	0,137	FALSE
0,016	0,307	0,001	0,011	0,020	FALSE
-0,137	0,294	-0,004	0,009	0,170	FALSE
0,099	0,303	0,003	0,009	0,143	FALSE

0,108	0,304	0,005	0,012	0,153	FALSE
-0,054	0,316	-0,002	0,009	0,073	FALSE
0,097	0,301	0,002	0,006	0,130	FALSE
0,005	0,315	0,000	0,007	0,012	FALSE
0,057	0,299	0,004	0,013	0,108	FALSE
-0,111	0,304	-0,005	0,011	0,172	FALSE
0,013	0,324	0,001	0,007	0,034	FALSE
0,059	0,316	0,003	0,012	0,096	FALSE
0,057	0,311	0,003	0,011	0,106	FALSE
-0,039	0,295	-0,001	0,012	0,018	FALSE
0,088	0,308	0,003	0,011	0,102	FALSE
0,071	0,311	0,001	0,007	0,074	FALSE
-0,060	0,302	-0,003	0,012	0,089	FALSE
0,012	0,320	0,000	0,009	0,000	FALSE
-0,045	0,314	-0,002	0,010	0,062	FALSE
-0,010	0,319	0,000	0,012	0,007	FALSE
-0,026	0,312	-0,001	0,008	0,023	FALSE
0,091	0,320	0,004	0,013	0,124	FALSE
0,147	0,295	0,006	0,012	0,225	FALSE
0,095	0,303	0,005	0,013	0,147	FALSE
0,015	0,293	0,001	0,010	0,030	FALSE
0,145	0,308	0,006	0,011	0,219	FALSE
0,021	0,309	0,001	0,011	0,044	FALSE
-0,024	0,296	-0,001	0,010	0,029	FALSE
0,038	0,326	0,001	0,008	0,026	FALSE
0,014	0,298	0,000	0,007	0,009	FALSE
-0,113	0,311	-0,006	0,013	0,176	FALSE
0,084	0,309	0,003	0,012	0,087	FALSE
0,071	0,316	0,003	0,012	0,085	FALSE
0,115	0,309	0,005	0,013	0,168	FALSE
-0,002	0,318	0,001	0,007	0,028	FALSE
-0,112	0,295	-0,002	0,007	0,102	FALSE
0,147	0,290	0,005	0,011	0,204	FALSE
-0,065	0,301	-0,002	0,010	0,082	FALSE
-0,022	0,311	-0,001	0,013	0,039	FALSE
0,022	0,293	0,000	0,013	0,010	FALSE
0,031	0,301	0,001	0,006	0,045	FALSE
-0,073	0,301	-0,003	0,012	0,106	FALSE
0,016	0,333	0,000	0,012	0,014	FALSE
0,047	0,306	0,000	0,007	0,014	FALSE
-0,003	0,310	0,000	0,009	0,018	FALSE
-0,042	0,308	-0,001	0,006	0,068	FALSE
0,074	0,304	0,002	0,010	0,096	FALSE
0,027	0,308	0,002	0,011	0,049	FALSE
-0,028	0,308	-0,001	0,010	0,034	FALSE
-0,038	0,310	-0,001	0,009	0,045	FALSE
0,056	0,317	0,002	0,010	0,068	FALSE
0,042	0,321	0,001	0,009	0,037	FALSE
-0,081	0,309	-0,002	0,008	0,089	FALSE
0,072	0,318	0,003	0,010	0,108	FALSE
0,195	0,287	0,005	0,008	0,280	FALSE
0,012	0,313	0,001	0,012	0,033	FALSE
0,127	0,295	0,005	0,009	0,218	FALSE

0,041	0,304	0,000	0,012	0,007	FALSE
-0,050	0,303	-0,002	0,010	0,089	FALSE
0,006	0,302	0,000	0,006	0,024	FALSE
-0,032	0,317	-0,001	0,008	0,044	FALSE
0,133	0,313	0,004	0,009	0,173	FALSE
-0,113	0,324	-0,004	0,012	0,157	FALSE
0,004	0,292	0,000	0,011	0,015	FALSE
0,026	0,305	0,001	0,010	0,047	FALSE
-0,071	0,315	-0,002	0,010	0,065	FALSE
-0,018	0,305	0,000	0,006	0,008	FALSE
0,081	0,313	0,001	0,007	0,070	FALSE
0,050	0,309	0,001	0,006	0,049	FALSE
0,030	0,308	0,002	0,012	0,048	FALSE
-0,027	0,297	-0,001	0,009	0,020	FALSE
-0,166	0,306	-0,004	0,007	0,236	FALSE
-0,052	0,295	-0,002	0,012	0,060	FALSE
-0,049	0,318	-0,002	0,013	0,069	FALSE
0,055	0,303	0,002	0,011	0,080	FALSE
-0,028	0,306	0,000	0,007	0,010	FALSE
-0,044	0,301	-0,001	0,010	0,039	FALSE
-0,033	0,299	-0,001	0,006	0,049	FALSE
-0,062	0,297	-0,002	0,007	0,091	FALSE
-0,059	0,306	-0,002	0,007	0,101	FALSE
0,071	0,316	0,002	0,007	0,103	FALSE
-0,022	0,311	-0,001	0,007	0,037	FALSE
0,098	0,306	0,003	0,011	0,111	FALSE
-0,171	0,296	-0,007	0,012	0,230	FALSE
-0,061	0,290	-0,002	0,006	0,108	FALSE
0,094	0,306	0,002	0,007	0,128	FALSE
-0,021	0,318	0,000	0,009	0,012	FALSE
-0,030	0,318	-0,001	0,009	0,043	FALSE
-0,095	0,309	-0,005	0,013	0,160	FALSE
-0,087	0,294	-0,003	0,011	0,122	FALSE
-0,051	0,299	-0,002	0,011	0,071	FALSE
0,018	0,318	0,001	0,007	0,027	FALSE
-0,017	0,301	-0,001	0,012	0,031	FALSE
0,073	0,314	0,002	0,007	0,091	FALSE
-0,044	0,294	-0,001	0,009	0,042	FALSE
-0,139	0,319	-0,003	0,008	0,169	FALSE
-0,096	0,313	-0,003	0,010	0,127	FALSE
0,120	0,299	0,004	0,009	0,190	FALSE
-0,075	0,314	-0,003	0,013	0,095	FALSE
-0,057	0,316	-0,001	0,007	0,074	FALSE
-0,016	0,309	0,000	0,008	0,015	FALSE
0,141	0,317	0,004	0,010	0,167	FALSE
0,029	0,303	0,001	0,010	0,027	FALSE
0,053	0,313	0,001	0,010	0,047	FALSE
-0,005	0,310	0,000	0,010	0,012	FALSE
0,060	0,300	0,002	0,009	0,088	FALSE
0,067	0,313	0,002	0,012	0,055	FALSE
-0,050	0,309	-0,001	0,007	0,067	FALSE
0,178	0,298	0,004	0,007	0,244	FALSE
0,092	0,301	0,003	0,010	0,113	FALSE

-0,074	0,317	-0,002	0,007	0,081	FALSE
0,105	0,301	0,004	0,009	0,155	FALSE
0,086	0,304	0,003	0,011	0,089	FALSE
-0,046	0,307	-0,001	0,007	0,034	FALSE
0,061	0,311	0,002	0,007	0,090	FALSE
-0,092	0,303	-0,002	0,008	0,121	FALSE
0,067	0,304	0,002	0,006	0,109	FALSE
0,062	0,308	0,002	0,007	0,109	FALSE
0,066	0,308	0,001	0,007	0,075	FALSE
-0,072	0,301	-0,003	0,012	0,096	FALSE
-0,021	0,311	0,000	0,007	0,000	FALSE
-0,026	0,302	0,000	0,007	0,016	FALSE
0,049	0,320	0,001	0,009	0,028	FALSE
0,013	0,311	0,001	0,013	0,029	FALSE
0,120	0,303	0,005	0,012	0,167	FALSE
-0,040	0,306	-0,002	0,009	0,063	FALSE
-0,024	0,306	0,001	0,012	0,019	FALSE
0,176	0,302	0,005	0,009	0,254	FALSE
0,087	0,302	0,002	0,010	0,072	FALSE
0,018	0,319	0,001	0,009	0,033	TRUE
0,041	0,303	0,001	0,007	0,070	FALSE
0,042	0,292	0,003	0,010	0,121	FALSE
0,016	0,301	0,000	0,010	0,011	FALSE
-0,047	0,304	-0,002	0,008	0,071	FALSE
0,026	0,310	0,001	0,009	0,036	FALSE
-0,117	0,305	-0,004	0,010	0,183	FALSE
0,058	0,305	0,002	0,008	0,081	FALSE
0,084	0,306	0,003	0,008	0,125	FALSE
-0,033	0,308	-0,001	0,006	0,038	FALSE
-0,035	0,321	0,000	0,008	0,017	FALSE
0,010	0,309	0,001	0,011	0,017	FALSE
-0,083	0,308	-0,002	0,007	0,104	FALSE
-0,037	0,302	-0,001	0,007	0,046	FALSE
-0,020	0,314	-0,001	0,008	0,027	FALSE
-0,009	0,309	0,000	0,006	0,011	FALSE
0,088	0,310	0,002	0,008	0,096	FALSE
0,048	0,305	0,001	0,007	0,043	FALSE
-0,014	0,312	0,000	0,008	0,005	FALSE
-0,027	0,313	0,000	0,011	0,013	FALSE
-0,071	0,303	-0,003	0,012	0,088	FALSE
0,040	0,325	0,002	0,013	0,059	FALSE
0,105	0,308	0,003	0,008	0,127	FALSE
-0,113	0,305	-0,004	0,008	0,183	FALSE
-0,050	0,304	-0,002	0,010	0,060	FALSE
0,051	0,311	0,001	0,007	0,078	FALSE
0,013	0,299	0,001	0,012	0,045	FALSE
-0,005	0,312	0,000	0,013	0,010	FALSE
0,013	0,301	0,001	0,012	0,043	FALSE
0,007	0,313	0,001	0,012	0,030	FALSE
-0,009	0,314	0,000	0,011	0,003	FALSE
0,020	0,315	0,001	0,008	0,044	FALSE
0,049	0,306	0,002	0,011	0,051	FALSE
0,011	0,306	0,000	0,008	0,015	FALSE

0,127	0,293	0,004	0,009	0,151	FALSE
0,115	0,300	0,004	0,013	0,114	FALSE
0,065	0,316	0,002	0,009	0,071	FALSE
-0,032	0,309	-0,001	0,011	0,033	FALSE
0,023	0,317	0,001	0,012	0,017	FALSE
0,010	0,291	0,000	0,010	0,003	FALSE
-0,020	0,294	-0,001	0,013	0,020	FALSE
-0,010	0,324	0,000	0,008	0,016	FALSE
0,037	0,321	0,001	0,009	0,031	FALSE
0,028	0,310	0,001	0,011	0,027	FALSE
-0,052	0,304	-0,001	0,007	0,063	FALSE
0,029	0,307	0,001	0,006	0,040	FALSE
-0,085	0,291	-0,004	0,011	0,132	FALSE
0,069	0,303	0,002	0,012	0,073	FALSE
0,063	0,304	0,003	0,013	0,090	FALSE
0,055	0,317	0,002	0,012	0,063	FALSE
0,063	0,308	0,001	0,007	0,055	FALSE
-0,054	0,299	-0,002	0,012	0,058	FALSE
0,035	0,319	0,001	0,007	0,038	FALSE
-0,025	0,310	0,000	0,007	0,000	FALSE
-0,080	0,299	-0,003	0,011	0,090	FALSE
0,037	0,313	0,001	0,011	0,032	FALSE
0,019	0,305	0,002	0,011	0,078	FALSE
0,066	0,301	0,002	0,008	0,073	FALSE
-0,135	0,325	-0,005	0,013	0,160	FALSE
-0,057	0,309	-0,002	0,007	0,097	FALSE
-0,095	0,308	-0,004	0,013	0,125	FALSE
0,147	0,307	0,006	0,011	0,219	FALSE
-0,199	0,292	-0,008	0,012	0,288	FALSE
0,047	0,299	0,001	0,007	0,050	FALSE
-0,052	0,293	-0,002	0,009	0,061	FALSE
-0,022	0,300	-0,001	0,008	0,034	FALSE
-0,121	0,311	-0,003	0,009	0,136	FALSE
0,053	0,307	0,002	0,008	0,075	FALSE
0,078	0,306	0,002	0,007	0,114	FALSE
-0,011	0,299	-0,001	0,008	0,024	FALSE
0,058	0,316	0,001	0,008	0,068	FALSE
0,117	0,318	0,004	0,011	0,123	FALSE
0,007	0,297	0,000	0,007	0,005	FALSE
0,026	0,302	0,001	0,009	0,029	FALSE
-0,091	0,312	-0,003	0,009	0,134	FALSE
0,072	0,328	0,001	0,007	0,071	FALSE
-0,040	0,302	-0,002	0,012	0,070	FALSE
0,036	0,313	0,001	0,012	0,024	FALSE
-0,002	0,306	-0,001	0,013	0,018	FALSE
-0,065	0,306	-0,003	0,013	0,095	FALSE
-0,025	0,305	0,000	0,008	0,001	FALSE
0,016	0,314	0,000	0,013	0,005	FALSE
0,025	0,309	0,001	0,007	0,039	FALSE
0,023	0,319	0,001	0,010	0,020	FALSE
-0,031	0,315	-0,001	0,011	0,023	FALSE
-0,084	0,309	-0,002	0,009	0,104	FALSE
0,185	0,308	0,007	0,011	0,280	FALSE

0,032	0,310	0,001	0,013	0,040	FALSE
-0,009	0,302	0,000	0,008	0,000	FALSE
-0,015	0,317	-0,001	0,007	0,044	FALSE
-0,058	0,310	-0,001	0,007	0,044	FALSE
-0,016	0,316	-0,001	0,007	0,030	FALSE
-0,039	0,309	-0,001	0,011	0,032	FALSE
0,082	0,309	0,003	0,012	0,110	FALSE
-0,115	0,301	-0,006	0,013	0,191	FALSE
0,039	0,310	0,002	0,009	0,069	FALSE
-0,136	0,309	-0,005	0,012	0,196	FALSE
-0,137	0,294	-0,006	0,012	0,187	FALSE
0,026	0,306	0,002	0,012	0,056	FALSE
0,042	0,316	0,001	0,008	0,064	FALSE
0,018	0,303	0,000	0,008	0,016	FALSE
-0,128	0,311	-0,004	0,008	0,193	FALSE
-0,003	0,308	0,000	0,010	0,000	FALSE
0,017	0,319	0,001	0,012	0,020	FALSE
-0,092	0,299	-0,003	0,011	0,109	FALSE
-0,015	0,300	-0,002	0,011	0,057	FALSE
-0,008	0,311	-0,002	0,011	0,052	FALSE
0,067	0,314	0,002	0,009	0,081	FALSE
0,017	0,314	0,000	0,007	0,013	FALSE
0,014	0,316	0,000	0,007	0,003	FALSE
0,071	0,311	0,003	0,013	0,089	FALSE
0,025	0,307	0,001	0,011	0,019	FALSE
0,090	0,305	0,003	0,009	0,129	FALSE
0,094	0,304	0,001	0,007	0,071	FALSE
0,165	0,295	0,007	0,013	0,241	FALSE
-0,016	0,326	0,000	0,007	0,012	FALSE
-0,052	0,302	-0,002	0,011	0,067	FALSE
0,034	0,317	0,001	0,008	0,032	FALSE
-0,015	0,297	-0,001	0,009	0,043	FALSE
0,058	0,322	0,001	0,008	0,049	FALSE
0,082	0,302	0,003	0,012	0,101	FALSE
-0,074	0,326	-0,002	0,009	0,087	FALSE
0,037	0,324	0,001	0,008	0,032	FALSE
-0,006	0,299	0,000	0,007	0,013	FALSE
0,051	0,321	0,001	0,007	0,067	FALSE
0,038	0,292	0,001	0,009	0,041	FALSE
-0,107	0,309	-0,005	0,013	0,164	FALSE
0,026	0,307	0,001	0,012	0,020	FALSE
-0,014	0,291	0,000	0,006	0,009	FALSE
-0,054	0,306	-0,001	0,009	0,028	FALSE
-0,051	0,303	-0,001	0,008	0,032	FALSE
0,011	0,323	0,000	0,009	0,016	FALSE
-0,086	0,302	-0,002	0,009	0,105	FALSE
-0,035	0,307	-0,001	0,013	0,023	FALSE
-0,032	0,302	-0,002	0,010	0,072	FALSE
0,076	0,292	0,002	0,012	0,067	FALSE
0,024	0,304	0,000	0,010	0,004	FALSE
0,003	0,313	0,000	0,008	0,007	FALSE
0,091	0,313	0,004	0,012	0,116	FALSE
0,007	0,309	0,001	0,010	0,038	FALSE

-0,014	0,302	-0,001	0,013	0,025	FALSE
-0,130	0,303	-0,003	0,007	0,162	FALSE
-0,041	0,308	-0,001	0,008	0,037	FALSE
0,040	0,314	0,001	0,012	0,042	FALSE
-0,001	0,315	0,000	0,009	0,003	FALSE
-0,055	0,310	-0,001	0,008	0,030	FALSE
-0,069	0,302	-0,004	0,012	0,117	FALSE
-0,153	0,297	-0,007	0,012	0,233	FALSE
-0,021	0,311	-0,001	0,012	0,033	FALSE
-0,005	0,314	-0,001	0,013	0,018	FALSE
-0,164	0,308	-0,005	0,008	0,271	FALSE
-0,098	0,296	-0,003	0,009	0,104	FALSE
0,016	0,305	0,000	0,010	0,002	FALSE
0,083	0,304	0,002	0,007	0,117	FALSE
0,012	0,308	0,000	0,010	0,012	FALSE
-0,131	0,308	-0,004	0,007	0,210	FALSE
0,054	0,315	0,002	0,009	0,081	FALSE
0,032	0,317	0,001	0,010	0,047	FALSE
0,037	0,307	0,001	0,007	0,049	FALSE
-0,024	0,314	-0,001	0,008	0,059	FALSE
-0,068	0,331	-0,002	0,008	0,075	FALSE
0,038	0,315	0,002	0,012	0,055	FALSE
-0,121	0,308	-0,003	0,009	0,153	FALSE
0,035	0,315	0,001	0,012	0,028	FALSE
0,026	0,300	0,001	0,006	0,036	FALSE
0,027	0,307	0,001	0,011	0,038	FALSE
-0,056	0,299	-0,001	0,010	0,054	FALSE
-0,075	0,314	-0,003	0,013	0,095	FALSE
-0,033	0,305	-0,001	0,008	0,036	FALSE
-0,019	0,308	-0,001	0,011	0,031	FALSE
0,001	0,293	0,002	0,012	0,053	FALSE
-0,011	0,312	0,000	0,007	0,020	FALSE
-0,020	0,305	0,001	0,012	0,033	FALSE
-0,152	0,297	-0,003	0,007	0,178	FALSE
0,101	0,321	0,003	0,013	0,091	FALSE
-0,167	0,304	-0,005	0,008	0,256	FALSE
-0,155	0,301	-0,005	0,008	0,254	FALSE
-0,017	0,308	0,000	0,007	0,012	FALSE
-0,008	0,311	0,000	0,006	0,025	FALSE
0,055	0,307	0,002	0,010	0,091	FALSE
-0,090	0,313	-0,003	0,010	0,114	FALSE
0,053	0,308	0,001	0,007	0,058	FALSE
-0,117	0,305	-0,003	0,007	0,150	FALSE
0,008	0,305	0,000	0,010	0,011	FALSE
0,084	0,303	0,003	0,008	0,149	FALSE
-0,017	0,310	-0,001	0,008	0,047	FALSE
-0,026	0,314	-0,002	0,011	0,055	FALSE
0,040	0,317	0,001	0,008	0,064	FALSE
-0,240	0,305	-0,009	0,011	0,345	FALSE
-0,024	0,303	-0,001	0,007	0,030	FALSE
0,071	0,310	0,002	0,009	0,067	FALSE
-0,037	0,312	-0,002	0,011	0,054	FALSE
-0,039	0,316	-0,001	0,010	0,050	FALSE

-0,116	0,304	-0,005	0,013	0,176	FALSE
0,106	0,302	0,003	0,007	0,170	FALSE
0,130	0,303	0,003	0,007	0,208	FALSE
-0,064	0,315	-0,001	0,007	0,058	FALSE
-0,066	0,312	-0,002	0,007	0,096	FALSE
0,058	0,309	0,002	0,010	0,086	FALSE
0,120	0,303	0,003	0,008	0,151	FALSE
0,114	0,314	0,004	0,010	0,170	FALSE
-0,055	0,297	-0,002	0,013	0,045	FALSE
-0,096	0,299	-0,002	0,008	0,123	FALSE
-0,040	0,310	-0,001	0,013	0,039	FALSE
0,088	0,316	0,004	0,013	0,123	FALSE
-0,027	0,313	-0,001	0,007	0,041	FALSE
-0,016	0,310	0,000	0,007	0,005	FALSE
-0,021	0,310	-0,001	0,011	0,032	FALSE
-0,140	0,303	-0,003	0,007	0,166	FALSE
0,015	0,303	0,000	0,008	0,010	FALSE
0,045	0,308	0,002	0,009	0,066	FALSE
0,040	0,306	0,001	0,010	0,037	FALSE
0,053	0,313	0,002	0,010	0,090	FALSE
0,076	0,325	0,003	0,010	0,102	FALSE
0,069	0,323	0,002	0,010	0,081	FALSE
0,066	0,330	0,001	0,007	0,077	FALSE
-0,120	0,308	-0,004	0,012	0,127	FALSE
-0,155	0,305	-0,005	0,012	0,183	FALSE
-0,116	0,305	-0,004	0,011	0,142	FALSE
-0,164	0,292	-0,004	0,009	0,185	FALSE
0,068	0,318	0,001	0,008	0,060	FALSE
-0,096	0,318	-0,004	0,013	0,104	FALSE
-0,124	0,298	-0,005	0,012	0,156	FALSE
0,066	0,305	0,001	0,007	0,055	FALSE
-0,015	0,328	0,000	0,008	0,007	FALSE
-0,011	0,300	0,000	0,007	0,015	FALSE
-0,027	0,317	-0,002	0,012	0,048	FALSE
-0,007	0,301	-0,001	0,012	0,022	FALSE
0,016	0,320	0,001	0,008	0,030	FALSE
-0,007	0,322	-0,001	0,009	0,032	FALSE
0,047	0,295	0,001	0,006	0,056	FALSE
0,119	0,306	0,004	0,012	0,133	FALSE
0,027	0,308	0,000	0,008	0,021	FALSE
-0,132	0,306	-0,005	0,013	0,148	FALSE
-0,040	0,309	-0,002	0,013	0,050	FALSE
0,032	0,304	0,002	0,011	0,052	FALSE
-0,033	0,309	0,000	0,007	0,016	FALSE
-0,022	0,304	0,000	0,007	0,009	FALSE
-0,112	0,315	-0,004	0,010	0,175	FALSE
-0,131	0,301	-0,005	0,010	0,208	FALSE
0,018	0,303	0,001	0,011	0,041	FALSE
0,012	0,315	0,001	0,008	0,038	FALSE
0,004	0,317	0,000	0,007	0,021	FALSE
0,220	0,304	0,008	0,010	0,343	FALSE
0,059	0,327	0,002	0,010	0,077	FALSE
0,118	0,295	0,002	0,007	0,120	FALSE

-0,133	0,317	-0,006	0,013	0,200	FALSE
-0,038	0,304	-0,001	0,008	0,031	FALSE
0,073	0,319	0,002	0,008	0,094	FALSE
-0,048	0,299	-0,001	0,013	0,041	FALSE
0,053	0,301	0,001	0,007	0,063	FALSE
-0,138	0,322	-0,005	0,012	0,181	FALSE
0,034	0,310	0,000	0,007	0,015	FALSE
0,011	0,324	0,000	0,010	0,007	FALSE
0,035	0,307	0,001	0,009	0,057	FALSE
0,042	0,318	0,002	0,010	0,060	FALSE
0,025	0,311	0,002	0,012	0,051	FALSE
-0,006	0,301	-0,001	0,009	0,021	FALSE
0,004	0,316	0,001	0,012	0,030	FALSE
-0,064	0,309	-0,003	0,012	0,090	FALSE
-0,008	0,311	0,000	0,007	0,011	FALSE
-0,079	0,304	-0,001	0,006	0,072	FALSE
0,007	0,296	0,000	0,010	0,011	FALSE
0,019	0,301	0,000	0,008	0,018	FALSE
-0,136	0,318	-0,003	0,007	0,159	FALSE
-0,088	0,287	-0,005	0,012	0,154	FALSE
0,126	0,301	0,003	0,009	0,159	FALSE
0,019	0,296	0,002	0,011	0,050	FALSE
-0,213	0,309	-0,010	0,013	0,332	FALSE
0,110	0,297	0,006	0,012	0,189	FALSE
0,113	0,298	0,006	0,012	0,210	FALSE
0,023	0,316	0,001	0,009	0,049	FALSE
0,091	0,301	0,004	0,010	0,153	FALSE
0,113	0,309	0,005	0,010	0,192	FALSE
0,081	0,308	0,003	0,010	0,127	FALSE
-0,103	0,300	-0,002	0,007	0,127	FALSE
0,042	0,321	0,001	0,007	0,080	FALSE
-0,006	0,290	0,000	0,007	0,003	FALSE
-0,180	0,308	-0,008	0,013	0,274	FALSE
0,042	0,308	0,001	0,012	0,028	FALSE
-0,031	0,292	0,000	0,007	0,008	FALSE
-0,002	0,318	0,000	0,008	0,021	FALSE
0,095	0,299	0,002	0,006	0,137	FALSE
-0,003	0,321	0,000	0,013	0,002	FALSE
0,012	0,302	0,001	0,012	0,024	FALSE
-0,002	0,302	-0,001	0,008	0,026	FALSE
0,000	0,300	-0,001	0,010	0,033	FALSE
-0,038	0,306	-0,001	0,008	0,043	FALSE
0,016	0,309	0,001	0,010	0,017	FALSE
-0,068	0,314	-0,003	0,012	0,088	FALSE
0,009	0,312	0,000	0,011	0,001	FALSE
-0,027	0,308	-0,002	0,013	0,060	FALSE
-0,006	0,302	-0,001	0,012	0,033	FALSE
-0,136	0,308	-0,004	0,008	0,221	FALSE
-0,048	0,310	-0,001	0,007	0,075	FALSE
-0,108	0,310	-0,002	0,008	0,113	FALSE
0,093	0,298	0,002	0,011	0,079	FALSE
-0,064	0,302	-0,002	0,010	0,056	FALSE
-0,086	0,299	-0,005	0,012	0,155	FALSE

-0,018	0,310	0,000	0,008	0,021	FALSE
-0,040	0,308	-0,001	0,007	0,029	FALSE
-0,074	0,299	-0,003	0,011	0,107	FALSE
-0,021	0,298	0,000	0,008	0,001	FALSE
-0,037	0,331	-0,001	0,008	0,055	FALSE
0,014	0,302	0,001	0,006	0,046	FALSE
0,138	0,317	0,004	0,008	0,187	FALSE
0,075	0,292	0,002	0,011	0,068	FALSE
0,062	0,326	0,002	0,010	0,087	FALSE
0,036	0,313	0,002	0,013	0,054	FALSE
-0,102	0,314	-0,002	0,006	0,118	FALSE
-0,098	0,325	-0,002	0,011	0,086	FALSE
-0,039	0,312	-0,002	0,012	0,061	FALSE
-0,047	0,303	-0,002	0,008	0,070	FALSE
-0,061	0,317	-0,002	0,008	0,078	FALSE
0,163	0,304	0,007	0,012	0,249	FALSE
-0,048	0,314	-0,001	0,009	0,051	FALSE
0,023	0,305	0,000	0,007	0,024	FALSE
0,030	0,304	0,001	0,010	0,028	FALSE
0,056	0,311	0,002	0,007	0,102	FALSE
-0,012	0,302	0,000	0,006	0,005	FALSE
0,039	0,298	0,001	0,007	0,061	FALSE
-0,113	0,298	-0,002	0,006	0,151	FALSE
0,018	0,299	0,000	0,011	0,011	FALSE
0,005	0,303	0,001	0,006	0,029	FALSE
0,111	0,298	0,005	0,011	0,177	FALSE
0,070	0,314	0,002	0,009	0,102	FALSE
-0,104	0,309	-0,002	0,007	0,117	FALSE
0,183	0,304	0,007	0,011	0,274	FALSE
-0,140	0,312	-0,003	0,007	0,181	FALSE
0,062	0,302	0,002	0,011	0,057	FALSE
-0,020	0,298	-0,001	0,008	0,027	FALSE
0,015	0,305	0,000	0,009	0,001	FALSE
0,032	0,302	0,000	0,008	0,020	FALSE
-0,037	0,312	0,000	0,007	0,011	FALSE
0,050	0,313	0,002	0,008	0,077	FALSE
0,040	0,308	0,001	0,007	0,046	FALSE
0,043	0,302	0,001	0,007	0,027	FALSE
-0,006	0,318	0,000	0,008	0,005	FALSE
0,089	0,307	0,004	0,013	0,118	FALSE
0,006	0,320	0,000	0,010	0,016	FALSE
-0,061	0,303	-0,001	0,009	0,039	FALSE
0,018	0,318	0,002	0,012	0,046	FALSE
0,058	0,307	0,001	0,007	0,061	FALSE
0,028	0,303	0,001	0,012	0,016	FALSE
-0,029	0,288	-0,001	0,008	0,047	FALSE
-0,048	0,312	-0,001	0,010	0,032	FALSE
-0,023	0,292	-0,001	0,007	0,048	FALSE
-0,032	0,296	-0,001	0,008	0,068	FALSE
-0,066	0,315	-0,002	0,009	0,090	FALSE
-0,092	0,298	-0,004	0,012	0,115	FALSE
-0,030	0,296	0,000	0,007	0,020	FALSE
-0,089	0,304	-0,003	0,010	0,101	FALSE

-0,056	0,301	-0,001	0,007	0,069	FALSE
0,018	0,311	0,000	0,010	0,001	FALSE
-0,110	0,299	-0,003	0,009	0,145	FALSE
0,073	0,290	0,002	0,010	0,088	FALSE
0,025	0,320	0,001	0,007	0,065	FALSE
0,010	0,305	0,000	0,006	0,001	FALSE
0,019	0,298	0,000	0,012	0,008	FALSE
-0,024	0,301	-0,001	0,010	0,020	FALSE
0,034	0,316	0,001	0,006	0,066	FALSE
0,016	0,311	0,001	0,011	0,016	FALSE
-0,013	0,309	-0,001	0,007	0,036	FALSE
-0,065	0,294	-0,001	0,007	0,082	FALSE
-0,052	0,309	-0,002	0,009	0,090	FALSE
0,157	0,303	0,004	0,008	0,183	FALSE
0,081	0,306	0,002	0,008	0,095	FALSE
0,042	0,310	0,002	0,010	0,074	FALSE
0,018	0,297	0,001	0,010	0,049	FALSE
-0,033	0,310	-0,001	0,009	0,055	FALSE
-0,053	0,322	-0,002	0,009	0,071	FALSE
-0,127	0,316	-0,003	0,007	0,176	FALSE
0,005	0,310	0,000	0,009	0,003	FALSE
-0,004	0,294	-0,001	0,006	0,035	FALSE
-0,032	0,299	-0,001	0,008	0,036	FALSE
0,001	0,309	0,000	0,009	0,004	FALSE
0,029	0,323	0,001	0,009	0,025	FALSE
-0,123	0,313	-0,004	0,009	0,160	FALSE
-0,115	0,322	-0,003	0,009	0,146	FALSE
-0,026	0,306	-0,001	0,012	0,023	FALSE
0,062	0,311	0,002	0,007	0,102	FALSE
0,072	0,300	0,002	0,007	0,099	FALSE
-0,005	0,306	0,000	0,007	0,016	FALSE
-0,082	0,301	-0,002	0,007	0,121	FALSE
-0,029	0,294	-0,002	0,013	0,072	FALSE
0,146	0,293	0,003	0,007	0,171	FALSE
-0,203	0,297	-0,005	0,007	0,303	FALSE
-0,081	0,314	-0,002	0,008	0,104	FALSE
0,097	0,291	0,004	0,010	0,178	FALSE
-0,012	0,318	-0,001	0,009	0,025	FALSE
0,101	0,291	0,002	0,006	0,166	FALSE
-0,067	0,302	-0,003	0,012	0,104	FALSE
-0,030	0,306	-0,002	0,013	0,045	FALSE
0,033	0,310	0,001	0,012	0,040	FALSE
-0,060	0,292	-0,002	0,011	0,082	FALSE
-0,009	0,302	-0,001	0,009	0,026	FALSE
0,138	0,305	0,005	0,012	0,192	FALSE
0,035	0,311	0,002	0,010	0,066	FALSE
-0,063	0,301	-0,001	0,010	0,054	FALSE
-0,019	0,318	-0,001	0,008	0,034	FALSE
-0,209	0,310	-0,007	0,010	0,286	FALSE
0,104	0,304	0,002	0,006	0,138	FALSE
0,071	0,318	0,002	0,007	0,093	FALSE
-0,011	0,312	0,000	0,009	0,001	FALSE
-0,040	0,311	-0,001	0,009	0,030	FALSE

-0,046	0,319	-0,002	0,012	0,059	FALSE
0,014	0,308	0,001	0,010	0,043	FALSE
-0,157	0,306	-0,005	0,010	0,216	FALSE
-0,087	0,294	-0,004	0,012	0,120	FALSE
0,078	0,290	0,002	0,006	0,115	FALSE
-0,050	0,291	-0,001	0,010	0,042	FALSE
-0,027	0,301	0,000	0,006	0,026	FALSE
-0,091	0,295	-0,004	0,012	0,115	FALSE
-0,052	0,309	-0,002	0,011	0,053	FALSE
0,044	0,313	0,001	0,010	0,038	FALSE
0,094	0,307	0,003	0,012	0,106	FALSE
0,110	0,295	0,004	0,011	0,120	FALSE
-0,036	0,297	-0,001	0,008	0,046	FALSE
0,005	0,310	0,000	0,008	0,004	FALSE
0,113	0,302	0,006	0,012	0,186	FALSE
0,097	0,302	0,005	0,013	0,149	FALSE
0,146	0,302	0,003	0,006	0,211	FALSE
0,000	0,303	0,001	0,007	0,027	FALSE
0,127	0,302	0,004	0,007	0,206	FALSE
-0,024	0,316	0,000	0,013	0,005	FALSE
0,017	0,318	0,001	0,008	0,031	FALSE
0,020	0,301	0,001	0,012	0,033	FALSE
-0,096	0,299	-0,004	0,011	0,152	FALSE
0,090	0,320	0,003	0,007	0,139	FALSE
0,030	0,323	0,001	0,009	0,026	FALSE
-0,030	0,300	-0,001	0,006	0,030	FALSE
-0,009	0,317	0,000	0,013	0,012	FALSE
-0,019	0,304	0,000	0,008	0,011	FALSE
0,006	0,317	0,000	0,009	0,011	FALSE
0,016	0,306	0,000	0,007	0,007	FALSE
0,001	0,320	0,000	0,008	0,019	FALSE
0,037	0,309	0,001	0,008	0,058	FALSE
0,020	0,324	0,002	0,010	0,061	FALSE
-0,050	0,299	-0,001	0,008	0,061	FALSE
0,025	0,335	0,001	0,012	0,021	FALSE
0,182	0,298	0,007	0,010	0,315	FALSE
0,008	0,308	0,000	0,013	0,006	FALSE
0,134	0,321	0,005	0,011	0,192	FALSE
0,050	0,301	0,002	0,010	0,088	FALSE
-0,062	0,314	-0,003	0,013	0,083	FALSE
-0,121	0,299	-0,004	0,010	0,155	FALSE
0,025	0,296	0,001	0,012	0,026	FALSE
0,095	0,320	0,003	0,008	0,128	FALSE
0,042	0,315	0,002	0,006	0,089	FALSE
-0,110	0,312	-0,005	0,012	0,186	FALSE
0,030	0,309	0,001	0,010	0,023	FALSE
0,110	0,301	0,003	0,008	0,165	FALSE
-0,054	0,304	-0,002	0,011	0,080	FALSE
0,149	0,297	0,005	0,009	0,250	FALSE
0,059	0,307	0,001	0,007	0,080	FALSE
0,005	0,308	0,000	0,010	0,012	FALSE
0,034	0,316	0,002	0,010	0,054	FALSE
0,008	0,304	0,000	0,012	0,001	FALSE

0,022	0,312	0,000	0,011	0,007	FALSE
0,026	0,311	0,000	0,009	0,017	FALSE
0,018	0,320	0,000	0,008	0,002	FALSE
0,057	0,310	0,002	0,012	0,067	FALSE
0,000	0,301	0,000	0,010	0,011	FALSE
0,012	0,314	0,001	0,009	0,019	FALSE
0,034	0,315	0,001	0,008	0,037	FALSE
-0,056	0,323	-0,001	0,007	0,074	FALSE
-0,085	0,318	-0,002	0,009	0,099	FALSE
-0,025	0,307	-0,001	0,010	0,028	FALSE
-0,132	0,322	-0,003	0,007	0,159	FALSE
-0,029	0,308	0,000	0,008	0,009	FALSE
-0,107	0,291	-0,004	0,012	0,150	FALSE
-0,036	0,311	-0,002	0,011	0,064	FALSE
-0,125	0,302	-0,004	0,012	0,139	FALSE
-0,041	0,299	-0,002	0,010	0,053	FALSE
0,177	0,291	0,004	0,007	0,252	FALSE
-0,097	0,316	-0,002	0,010	0,085	FALSE
0,159	0,309	0,004	0,008	0,230	FALSE
-0,030	0,325	-0,001	0,007	0,042	FALSE
-0,013	0,295	0,000	0,012	0,001	FALSE
-0,095	0,319	-0,003	0,011	0,114	FALSE
-0,053	0,315	-0,003	0,013	0,074	FALSE
-0,061	0,313	-0,003	0,013	0,074	FALSE
0,046	0,313	0,001	0,009	0,031	FALSE
0,047	0,301	0,001	0,007	0,058	FALSE
0,059	0,306	0,002	0,011	0,062	FALSE
0,061	0,305	0,001	0,008	0,049	FALSE
0,081	0,306	0,003	0,011	0,088	FALSE
-0,044	0,306	-0,002	0,013	0,063	FALSE
-0,008	0,308	0,000	0,009	0,002	FALSE
-0,220	0,310	-0,008	0,011	0,337	FALSE
-0,102	0,289	-0,003	0,007	0,152	FALSE
-0,059	0,313	-0,002	0,013	0,064	FALSE
0,103	0,303	0,003	0,012	0,097	FALSE
-0,171	0,290	-0,004	0,008	0,223	FALSE
0,036	0,305	0,001	0,011	0,031	FALSE
-0,016	0,300	0,000	0,007	0,017	FALSE
-0,073	0,303	-0,002	0,007	0,088	FALSE
-0,109	0,309	-0,004	0,011	0,148	FALSE
0,048	0,301	0,002	0,012	0,050	FALSE
0,085	0,308	0,004	0,012	0,114	FALSE
0,004	0,319	0,000	0,011	0,006	FALSE
0,092	0,308	0,003	0,007	0,154	FALSE
0,076	0,302	0,003	0,011	0,101	FALSE
-0,014	0,322	0,000	0,009	0,014	FALSE
-0,057	0,311	-0,001	0,007	0,035	FALSE
-0,103	0,312	-0,003	0,012	0,105	FALSE
-0,047	0,317	-0,001	0,007	0,067	FALSE
0,040	0,321	0,000	0,009	0,019	FALSE
0,105	0,298	0,002	0,006	0,098	FALSE
0,102	0,312	0,003	0,011	0,125	FALSE
0,099	0,302	0,003	0,011	0,120	FALSE

0,083	0,304	0,004	0,012	0,139	FALSE
-0,147	0,289	-0,006	0,012	0,233	FALSE
-0,060	0,327	-0,002	0,007	0,087	FALSE
-0,023	0,312	0,000	0,012	0,006	FALSE
-0,024	0,315	-0,002	0,013	0,045	FALSE
0,024	0,322	0,001	0,012	0,025	FALSE
0,124	0,300	0,007	0,012	0,236	FALSE
0,138	0,299	0,006	0,013	0,181	FALSE
0,014	0,299	0,000	0,007	0,004	FALSE
0,073	0,306	0,002	0,009	0,085	FALSE
-0,066	0,316	-0,003	0,012	0,096	FALSE
-0,055	0,315	-0,001	0,007	0,052	FALSE
0,019	0,317	0,001	0,011	0,034	FALSE
-0,084	0,305	-0,003	0,008	0,119	FALSE
-0,049	0,308	-0,001	0,007	0,076	FALSE
-0,042	0,314	-0,002	0,013	0,072	FALSE
-0,076	0,302	-0,001	0,006	0,087	FALSE
0,126	0,299	0,003	0,008	0,173	FALSE
-0,054	0,306	-0,002	0,010	0,077	FALSE
0,126	0,305	0,004	0,009	0,152	FALSE
0,041	0,321	0,001	0,007	0,054	FALSE
-0,115	0,298	-0,003	0,007	0,162	FALSE
0,005	0,324	0,000	0,008	0,016	FALSE
-0,077	0,314	-0,002	0,007	0,094	FALSE
0,080	0,315	0,003	0,012	0,083	FALSE
-0,092	0,299	-0,002	0,007	0,114	FALSE
-0,123	0,307	-0,002	0,007	0,138	FALSE
-0,077	0,301	-0,003	0,009	0,120	FALSE
-0,122	0,311	-0,002	0,007	0,134	FALSE
-0,044	0,304	-0,003	0,012	0,097	FALSE
-0,072	0,300	-0,002	0,006	0,091	FALSE
-0,107	0,281	-0,004	0,010	0,166	FALSE
-0,050	0,292	-0,003	0,012	0,080	FALSE
-0,164	0,290	-0,005	0,008	0,232	FALSE
-0,034	0,308	0,000	0,007	0,022	FALSE
0,009	0,313	0,000	0,012	0,001	FALSE
0,028	0,309	0,001	0,011	0,024	FALSE
0,058	0,306	0,002	0,012	0,065	FALSE
-0,100	0,307	-0,002	0,006	0,101	FALSE
0,129	0,303	0,005	0,012	0,157	FALSE
-0,009	0,315	-0,001	0,008	0,027	FALSE
0,036	0,304	0,001	0,006	0,037	FALSE
0,067	0,301	0,001	0,006	0,076	FALSE
-0,141	0,304	-0,004	0,008	0,195	FALSE
0,009	0,308	0,000	0,007	0,026	FALSE
-0,012	0,302	0,000	0,007	0,002	FALSE
0,011	0,302	0,000	0,007	0,011	FALSE
-0,035	0,317	-0,001	0,007	0,038	FALSE
-0,049	0,298	-0,002	0,011	0,068	FALSE
-0,009	0,303	-0,001	0,013	0,021	FALSE
0,172	0,304	0,004	0,007	0,238	FALSE
0,117	0,310	0,005	0,010	0,201	FALSE
-0,126	0,293	-0,005	0,009	0,217	FALSE

-0,091	0,312	-0,003	0,008	0,130	FALSE
0,040	0,306	0,002	0,008	0,095	FALSE
0,065	0,302	0,002	0,013	0,056	FALSE
-0,086	0,288	-0,002	0,007	0,137	FALSE
0,007	0,311	0,001	0,012	0,016	FALSE
-0,114	0,321	-0,004	0,010	0,143	FALSE
-0,115	0,318	-0,004	0,010	0,156	FALSE
0,152	0,308	0,004	0,007	0,252	FALSE
0,014	0,304	0,001	0,010	0,021	FALSE
0,020	0,301	0,001	0,008	0,030	FALSE
-0,028	0,311	-0,001	0,007	0,035	FALSE
-0,021	0,314	-0,001	0,009	0,042	FALSE
0,084	0,303	0,002	0,008	0,093	FALSE
-0,027	0,309	0,000	0,007	0,010	FALSE
-0,025	0,300	0,000	0,007	0,006	FALSE
0,079	0,304	0,002	0,008	0,087	FALSE
-0,060	0,314	-0,002	0,013	0,061	FALSE
0,088	0,315	0,002	0,008	0,107	FALSE
-0,037	0,325	0,000	0,007	0,017	FALSE
-0,033	0,313	-0,001	0,008	0,044	FALSE
-0,003	0,308	0,000	0,008	0,001	FALSE
0,136	0,302	0,004	0,008	0,196	FALSE
-0,020	0,315	-0,001	0,008	0,022	FALSE
0,036	0,308	0,003	0,012	0,078	FALSE
-0,186	0,288	-0,007	0,012	0,276	FALSE
-0,160	0,307	-0,007	0,013	0,228	FALSE
-0,142	0,299	-0,005	0,011	0,198	FALSE
0,123	0,283	0,003	0,010	0,137	FALSE
0,100	0,319	0,004	0,013	0,131	FALSE
0,070	0,310	0,002	0,011	0,067	FALSE
-0,051	0,295	-0,002	0,012	0,053	FALSE
0,031	0,320	0,001	0,011	0,021	FALSE
-0,080	0,307	-0,003	0,012	0,108	FALSE
-0,036	0,318	-0,002	0,013	0,056	FALSE
-0,040	0,320	-0,002	0,012	0,052	FALSE
0,054	0,304	0,003	0,010	0,109	FALSE
-0,052	0,317	-0,001	0,008	0,036	FALSE
0,028	0,310	0,002	0,010	0,070	FALSE
0,100	0,315	0,002	0,007	0,120	FALSE
-0,096	0,299	-0,005	0,011	0,186	FALSE
0,047	0,312	0,002	0,009	0,096	FALSE
0,003	0,315	0,001	0,010	0,035	FALSE
-0,182	0,323	-0,004	0,007	0,226	FALSE
-0,131	0,293	-0,004	0,008	0,175	FALSE
0,016	0,306	0,000	0,006	0,027	FALSE
-0,139	0,298	-0,004	0,009	0,190	FALSE
-0,173	0,315	-0,007	0,012	0,242	FALSE
-0,044	0,308	-0,001	0,007	0,033	FALSE
0,077	0,301	0,002	0,007	0,102	FALSE
-0,008	0,316	0,000	0,010	0,001	FALSE
0,073	0,307	0,001	0,007	0,071	FALSE
-0,069	0,311	-0,002	0,008	0,088	FALSE
-0,022	0,307	0,000	0,008	0,013	FALSE

0,001	0,306	0,000	0,010	0,002	FALSE
-0,018	0,305	-0,001	0,008	0,068	FALSE
-0,097	0,321	-0,003	0,010	0,131	FALSE
-0,074	0,310	-0,002	0,007	0,101	FALSE
-0,017	0,295	-0,001	0,008	0,027	FALSE
0,099	0,315	0,004	0,012	0,138	FALSE
-0,082	0,310	-0,002	0,008	0,082	FALSE
0,005	0,315	0,000	0,008	0,005	FALSE
-0,007	0,296	0,000	0,012	0,014	FALSE
-0,088	0,292	-0,002	0,007	0,095	FALSE
0,021	0,312	0,001	0,012	0,044	FALSE
0,026	0,317	0,000	0,011	0,005	FALSE
0,009	0,295	0,000	0,009	0,002	FALSE
0,077	0,311	0,002	0,007	0,121	FALSE
0,007	0,308	0,001	0,007	0,028	FALSE
-0,036	0,303	-0,001	0,009	0,053	FALSE
0,065	0,305	0,002	0,007	0,080	FALSE
-0,029	0,302	0,000	0,007	0,006	FALSE
0,077	0,307	0,002	0,010	0,094	FALSE
0,065	0,312	0,002	0,011	0,085	FALSE
-0,126	0,307	-0,005	0,013	0,173	FALSE
0,077	0,326	0,003	0,012	0,092	FALSE
0,012	0,314	0,000	0,009	0,015	FALSE
0,058	0,302	0,002	0,010	0,088	FALSE
-0,040	0,303	0,000	0,008	0,021	FALSE
-0,051	0,307	-0,002	0,007	0,087	FALSE
-0,018	0,308	0,000	0,007	0,022	FALSE
-0,044	0,304	-0,001	0,008	0,069	FALSE
0,010	0,305	0,000	0,007	0,014	FALSE
0,012	0,300	0,000	0,007	0,020	FALSE
0,027	0,309	0,001	0,011	0,028	FALSE
0,108	0,291	0,004	0,012	0,151	FALSE
0,115	0,306	0,002	0,007	0,124	FALSE
-0,074	0,290	-0,002	0,012	0,067	FALSE
0,078	0,296	0,002	0,010	0,082	FALSE
0,008	0,316	0,001	0,013	0,026	FALSE
0,006	0,305	0,001	0,013	0,027	FALSE
-0,114	0,311	-0,002	0,007	0,126	FALSE
-0,023	0,309	0,000	0,008	0,018	FALSE
-0,004	0,313	0,000	0,008	0,008	FALSE
-0,056	0,305	-0,002	0,009	0,088	FALSE
-0,118	0,298	-0,005	0,011	0,167	FALSE
-0,024	0,314	-0,001	0,012	0,019	FALSE
-0,082	0,319	-0,003	0,009	0,128	FALSE
0,173	0,293	0,005	0,009	0,254	FALSE
-0,125	0,313	-0,005	0,010	0,204	FALSE
0,238	0,288	0,006	0,008	0,340	FALSE
0,019	0,304	0,001	0,012	0,018	FALSE
0,055	0,305	0,001	0,008	0,072	FALSE
-0,116	0,314	-0,004	0,012	0,143	FALSE
0,020	0,302	0,001	0,012	0,028	FALSE
0,036	0,319	0,001	0,013	0,033	FALSE
-0,098	0,312	-0,005	0,013	0,147	FALSE

-0,058	0,308	-0,001	0,008	0,072	FALSE
-0,021	0,306	-0,001	0,012	0,040	FALSE
0,020	0,314	0,001	0,010	0,035	FALSE
0,010	0,312	0,000	0,011	0,001	FALSE
0,021	0,312	0,000	0,008	0,014	FALSE
-0,070	0,296	-0,003	0,013	0,105	FALSE
-0,040	0,322	-0,001	0,011	0,040	FALSE
-0,071	0,310	-0,003	0,009	0,105	FALSE
-0,135	0,310	-0,004	0,008	0,179	FALSE
0,016	0,311	0,001	0,012	0,018	FALSE
-0,124	0,312	-0,004	0,008	0,173	FALSE
0,005	0,312	0,000	0,009	0,007	FALSE
-0,020	0,314	-0,001	0,011	0,020	FALSE
0,069	0,322	0,002	0,007	0,105	FALSE
0,090	0,302	0,002	0,009	0,104	FALSE
-0,041	0,304	-0,001	0,008	0,038	FALSE
0,141	0,294	0,005	0,012	0,178	FALSE
-0,087	0,303	-0,002	0,007	0,086	FALSE
-0,053	0,313	-0,001	0,010	0,048	FALSE
-0,101	0,318	-0,003	0,010	0,117	FALSE
0,015	0,310	0,001	0,010	0,029	FALSE
0,030	0,295	0,001	0,007	0,059	FALSE
-0,142	0,304	-0,004	0,010	0,168	FALSE
0,018	0,303	0,002	0,011	0,053	FALSE
-0,014	0,311	-0,001	0,011	0,041	FALSE
0,004	0,317	0,000	0,009	0,009	FALSE
0,114	0,314	0,003	0,008	0,125	FALSE
-0,015	0,297	0,000	0,006	0,020	FALSE
0,085	0,312	0,002	0,009	0,102	FALSE
0,096	0,303	0,003	0,009	0,106	FALSE
0,099	0,313	0,003	0,009	0,124	FALSE
0,027	0,324	0,000	0,014	0,008	FALSE
0,006	0,320	-0,001	0,010	0,024	FALSE
-0,041	0,304	0,000	0,007	0,014	FALSE
-0,060	0,315	-0,002	0,013	0,060	FALSE
-0,119	0,295	-0,003	0,010	0,124	FALSE
-0,039	0,312	-0,002	0,012	0,068	FALSE
-0,124	0,304	-0,004	0,010	0,146	FALSE
-0,111	0,308	-0,003	0,010	0,124	FALSE
-0,019	0,306	-0,001	0,012	0,018	FALSE
-0,066	0,292	-0,001	0,008	0,033	FALSE
-0,044	0,331	-0,002	0,012	0,053	FALSE
0,003	0,306	0,000	0,008	0,001	FALSE
0,088	0,295	0,002	0,006	0,128	FALSE
0,033	0,301	0,000	0,006	0,009	FALSE
0,141	0,296	0,005	0,011	0,183	FALSE
-0,077	0,322	-0,003	0,012	0,085	FALSE
0,025	0,298	0,000	0,006	0,027	FALSE
0,102	0,293	0,004	0,010	0,150	FALSE
0,004	0,296	0,001	0,006	0,043	FALSE
-0,021	0,313	-0,001	0,009	0,040	FALSE
0,004	0,312	0,000	0,009	0,006	FALSE
0,080	0,313	0,004	0,011	0,130	FALSE

0,112	0,304	0,003	0,008	0,149	FALSE
0,205	0,296	0,005	0,007	0,301	FALSE
0,096	0,305	0,003	0,012	0,114	FALSE
-0,135	0,315	-0,005	0,010	0,199	FALSE
-0,059	0,315	-0,002	0,012	0,054	FALSE
-0,007	0,313	0,000	0,012	0,014	FALSE
0,023	0,314	0,001	0,007	0,049	FALSE
0,055	0,299	0,001	0,009	0,039	FALSE
-0,096	0,303	-0,003	0,008	0,127	FALSE
-0,131	0,306	-0,003	0,008	0,159	FALSE
0,037	0,305	0,001	0,013	0,023	FALSE
-0,013	0,307	-0,001	0,007	0,029	FALSE
-0,040	0,306	-0,001	0,009	0,055	FALSE
-0,070	0,313	-0,001	0,008	0,063	FALSE
-0,004	0,308	-0,001	0,009	0,023	FALSE
-0,033	0,309	-0,001	0,012	0,027	FALSE
-0,026	0,317	0,000	0,008	0,016	FALSE
0,007	0,308	0,000	0,013	0,006	FALSE
-0,104	0,298	-0,002	0,007	0,130	FALSE
-0,007	0,311	0,000	0,011	0,004	FALSE
0,026	0,313	0,000	0,007	0,012	FALSE
0,007	0,305	0,000	0,007	0,011	FALSE
-0,192	0,298	-0,006	0,011	0,262	FALSE
0,127	0,309	0,005	0,012	0,157	FALSE
0,016	0,314	0,000	0,008	0,002	FALSE
-0,087	0,298	-0,002	0,006	0,106	FALSE
-0,021	0,305	0,000	0,007	0,017	FALSE
-0,001	0,314	0,000	0,007	0,002	FALSE
-0,076	0,290	-0,001	0,007	0,060	FALSE
-0,093	0,303	-0,003	0,010	0,114	FALSE
0,040	0,316	0,001	0,008	0,051	FALSE
0,024	0,306	0,001	0,009	0,044	FALSE
-0,007	0,308	-0,001	0,012	0,039	FALSE
-0,076	0,313	-0,001	0,007	0,073	FALSE
-0,028	0,308	0,000	0,012	0,012	FALSE
0,090	0,301	0,003	0,007	0,153	FALSE
0,114	0,308	0,003	0,007	0,169	FALSE
-0,004	0,293	0,000	0,006	0,001	FALSE
0,072	0,297	0,002	0,010	0,080	FALSE
0,031	0,311	0,001	0,011	0,019	FALSE
0,014	0,298	0,000	0,008	0,011	FALSE
0,005	0,306	0,000	0,010	0,008	FALSE
-0,005	0,305	0,000	0,007	0,013	FALSE
0,005	0,311	0,001	0,011	0,023	FALSE
0,104	0,315	0,003	0,011	0,122	FALSE
-0,083	0,319	-0,002	0,008	0,113	FALSE
-0,051	0,310	-0,001	0,008	0,051	FALSE
-0,018	0,299	-0,001	0,008	0,038	FALSE
0,038	0,310	0,001	0,008	0,041	FALSE
0,022	0,312	0,000	0,008	0,018	FALSE
-0,009	0,302	0,000	0,009	0,001	FALSE
-0,058	0,306	-0,002	0,010	0,091	FALSE
-0,033	0,308	-0,001	0,011	0,023	FALSE

0,086	0,308	0,002	0,007	0,121	FALSE
0,109	0,313	0,005	0,013	0,145	FALSE
-0,081	0,314	-0,002	0,009	0,085	FALSE
0,062	0,314	0,003	0,013	0,096	FALSE
-0,041	0,303	-0,002	0,010	0,058	FALSE
-0,026	0,312	-0,001	0,010	0,041	FALSE
-0,029	0,303	-0,001	0,006	0,063	FALSE
0,156	0,302	0,004	0,008	0,206	FALSE
-0,052	0,314	-0,001	0,007	0,030	FALSE
0,002	0,307	0,000	0,008	0,007	FALSE
-0,085	0,310	-0,003	0,009	0,123	FALSE
-0,056	0,304	-0,001	0,012	0,043	FALSE
0,086	0,309	0,004	0,010	0,141	FALSE
0,095	0,304	0,004	0,010	0,140	FALSE
0,002	0,320	0,000	0,007	0,014	FALSE
0,116	0,286	0,004	0,009	0,162	FALSE
0,015	0,320	0,000	0,007	0,014	FALSE
-0,049	0,322	-0,002	0,010	0,064	FALSE
0,033	0,318	0,001	0,011	0,043	FALSE
-0,098	0,318	-0,002	0,008	0,097	FALSE
-0,014	0,309	0,000	0,007	0,008	FALSE
0,065	0,312	0,003	0,010	0,096	FALSE
0,059	0,312	0,002	0,011	0,077	FALSE
0,033	0,315	0,001	0,008	0,039	FALSE
-0,133	0,302	-0,006	0,013	0,194	FALSE
0,049	0,320	0,002	0,009	0,071	FALSE
-0,068	0,311	-0,003	0,012	0,079	FALSE
-0,136	0,318	-0,006	0,013	0,175	FALSE
0,062	0,303	0,002	0,011	0,070	FALSE
0,023	0,320	0,000	0,011	0,004	FALSE
0,075	0,314	0,002	0,007	0,105	FALSE
0,062	0,326	0,001	0,008	0,069	FALSE
0,025	0,313	0,001	0,013	0,038	FALSE
-0,105	0,312	-0,004	0,011	0,140	FALSE
0,062	0,312	0,002	0,009	0,082	FALSE
0,027	0,315	0,002	0,012	0,053	FALSE
0,028	0,307	0,001	0,010	0,039	FALSE
-0,019	0,303	-0,001	0,010	0,032	FALSE
0,035	0,296	0,002	0,010	0,069	FALSE
0,051	0,311	0,003	0,012	0,084	FALSE
-0,086	0,306	-0,002	0,006	0,098	FALSE
0,117	0,307	0,003	0,008	0,155	FALSE
0,034	0,302	0,001	0,008	0,033	FALSE
0,110	0,310	0,005	0,011	0,163	FALSE
-0,026	0,296	-0,003	0,013	0,078	FALSE
-0,006	0,305	0,001	0,008	0,022	FALSE
0,077	0,294	0,002	0,011	0,067	FALSE
0,014	0,310	0,000	0,009	0,017	FALSE
0,187	0,298	0,007	0,011	0,255	FALSE
0,044	0,314	0,001	0,006	0,068	FALSE
0,230	0,283	0,006	0,007	0,409	FALSE
-0,095	0,295	-0,003	0,010	0,125	FALSE
-0,133	0,307	-0,003	0,009	0,143	FALSE

-0,092	0,300	-0,003	0,008	0,116	FALSE
0,026	0,308	0,002	0,012	0,049	FALSE
0,071	0,319	0,003	0,013	0,075	FALSE
0,060	0,307	0,003	0,013	0,074	FALSE
0,039	0,306	0,002	0,013	0,045	FALSE
-0,041	0,298	-0,001	0,008	0,036	FALSE
0,080	0,313	0,002	0,009	0,082	FALSE
0,043	0,290	0,001	0,006	0,061	FALSE
-0,017	0,321	0,000	0,007	0,017	FALSE
-0,027	0,312	-0,001	0,010	0,025	FALSE
-0,016	0,315	0,000	0,010	0,004	FALSE
0,039	0,322	0,001	0,007	0,030	FALSE
0,021	0,301	0,001	0,008	0,054	FALSE
0,076	0,296	0,001	0,007	0,064	FALSE
0,016	0,312	0,001	0,007	0,029	FALSE
-0,048	0,310	-0,001	0,007	0,059	FALSE
0,010	0,304	0,000	0,013	0,002	FALSE
0,009	0,297	0,000	0,013	0,006	FALSE
-0,076	0,316	-0,003	0,013	0,096	FALSE
-0,063	0,314	-0,003	0,013	0,086	FALSE
-0,107	0,314	-0,005	0,013	0,152	FALSE
0,149	0,293	0,006	0,011	0,234	FALSE
0,175	0,309	0,007	0,012	0,244	FALSE
0,008	0,314	0,001	0,008	0,031	FALSE
-0,046	0,308	-0,001	0,008	0,053	FALSE
0,030	0,295	0,001	0,012	0,039	FALSE
-0,048	0,318	-0,002	0,007	0,083	FALSE
0,075	0,311	0,002	0,011	0,077	FALSE
0,092	0,306	0,003	0,013	0,098	FALSE
0,061	0,309	0,002	0,012	0,055	FALSE
0,162	0,287	0,005	0,009	0,218	FALSE
-0,137	0,312	-0,006	0,012	0,206	FALSE
0,063	0,311	0,003	0,010	0,092	FALSE
0,031	0,305	0,001	0,007	0,038	FALSE
-0,057	0,297	-0,002	0,011	0,067	FALSE
-0,127	0,299	-0,004	0,009	0,170	FALSE
0,022	0,306	0,000	0,006	0,007	FALSE
0,021	0,319	0,001	0,009	0,026	FALSE
0,090	0,317	0,003	0,010	0,108	FALSE
-0,057	0,312	-0,002	0,007	0,099	FALSE
-0,139	0,301	-0,004	0,010	0,160	FALSE
0,021	0,320	0,001	0,007	0,034	FALSE
-0,053	0,321	-0,001	0,007	0,040	FALSE
0,047	0,303	0,001	0,007	0,073	FALSE
0,035	0,296	0,001	0,006	0,059	FALSE
-0,003	0,295	0,000	0,006	0,018	FALSE
-0,026	0,311	-0,001	0,013	0,027	FALSE
0,013	0,307	0,000	0,013	0,013	FALSE
-0,057	0,306	-0,001	0,009	0,059	FALSE
-0,044	0,319	-0,002	0,012	0,064	FALSE
0,081	0,293	0,002	0,006	0,146	FALSE
-0,021	0,309	0,000	0,008	0,004	FALSE
-0,129	0,288	-0,005	0,012	0,179	FALSE

-0,021	0,304	-0,001	0,010	0,026	FALSE
-0,129	0,304	-0,004	0,010	0,152	FALSE
-0,171	0,295	-0,006	0,010	0,245	FALSE
0,178	0,296	0,005	0,007	0,291	FALSE
-0,029	0,309	-0,001	0,007	0,028	FALSE
-0,121	0,302	-0,003	0,008	0,180	FALSE
-0,002	0,311	0,000	0,006	0,023	FALSE
0,025	0,315	0,000	0,007	0,007	FALSE
0,030	0,325	0,002	0,012	0,047	FALSE
-0,101	0,311	-0,002	0,007	0,147	FALSE
-0,075	0,301	-0,004	0,013	0,106	FALSE
0,129	0,290	0,004	0,008	0,196	FALSE
0,149	0,303	0,006	0,013	0,200	FALSE
0,044	0,319	0,001	0,007	0,029	FALSE
-0,007	0,298	0,000	0,010	0,004	FALSE
0,009	0,307	0,000	0,010	0,016	FALSE
-0,004	0,302	0,001	0,008	0,022	FALSE
0,128	0,324	0,004	0,009	0,181	FALSE
-0,086	0,300	-0,004	0,012	0,135	FALSE
0,102	0,295	0,002	0,007	0,130	FALSE
-0,088	0,310	-0,002	0,007	0,110	FALSE
-0,060	0,303	-0,001	0,007	0,059	FALSE
0,036	0,305	0,002	0,012	0,067	FALSE
-0,066	0,298	-0,001	0,007	0,060	FALSE
0,029	0,312	0,001	0,013	0,035	FALSE
-0,051	0,305	-0,002	0,011	0,077	FALSE
-0,034	0,305	-0,001	0,009	0,040	FALSE
0,004	0,299	0,001	0,011	0,025	FALSE
-0,093	0,312	-0,003	0,009	0,119	FALSE
0,013	0,317	0,000	0,007	0,015	FALSE
0,022	0,311	0,000	0,009	0,005	FALSE
0,114	0,319	0,004	0,012	0,128	FALSE
0,160	0,290	0,005	0,010	0,193	FALSE
-0,015	0,310	0,000	0,009	0,009	FALSE
-0,019	0,290	-0,001	0,011	0,033	FALSE
0,051	0,307	0,002	0,011	0,053	FALSE
-0,008	0,323	0,000	0,010	0,002	FALSE
0,046	0,297	0,001	0,008	0,043	FALSE
-0,063	0,326	-0,002	0,011	0,084	FALSE
-0,016	0,319	-0,001	0,010	0,024	FALSE
-0,051	0,306	-0,002	0,012	0,052	FALSE
0,017	0,320	0,000	0,010	0,010	FALSE
0,023	0,309	0,001	0,007	0,049	FALSE
0,008	0,294	0,001	0,013	0,023	FALSE
-0,057	0,301	-0,001	0,009	0,041	FALSE
-0,077	0,304	-0,001	0,008	0,065	FALSE
-0,005	0,306	0,000	0,011	0,015	FALSE
-0,088	0,288	-0,002	0,007	0,103	FALSE
-0,073	0,308	-0,002	0,010	0,081	FALSE
-0,068	0,316	-0,001	0,007	0,047	FALSE
0,046	0,298	0,001	0,011	0,048	FALSE
0,043	0,316	0,001	0,013	0,042	FALSE
-0,044	0,313	-0,001	0,008	0,071	FALSE

-0,060	0,301	-0,002	0,012	0,074	FALSE
-0,051	0,312	-0,002	0,013	0,067	FALSE
0,170	0,298	0,004	0,008	0,250	FALSE
-0,003	0,306	0,000	0,007	0,022	FALSE
0,011	0,310	0,000	0,007	0,015	FALSE
-0,049	0,309	-0,001	0,006	0,068	FALSE
0,060	0,290	0,002	0,012	0,060	FALSE
0,099	0,311	0,003	0,008	0,132	FALSE
-0,024	0,309	0,000	0,011	0,003	FALSE
0,035	0,306	0,001	0,011	0,031	FALSE
-0,048	0,313	-0,001	0,007	0,048	FALSE
0,044	0,317	0,001	0,007	0,059	FALSE
0,074	0,293	0,002	0,012	0,079	FALSE
0,114	0,294	0,004	0,012	0,124	FALSE
0,021	0,309	0,000	0,010	0,005	FALSE
-0,043	0,318	-0,001	0,009	0,044	FALSE
-0,043	0,310	-0,002	0,010	0,085	FALSE
0,005	0,305	0,000	0,011	0,002	FALSE
0,032	0,297	0,002	0,006	0,094	FALSE
0,030	0,305	0,000	0,010	0,010	FALSE
0,160	0,296	0,007	0,012	0,266	FALSE
0,012	0,310	0,000	0,008	0,009	FALSE
0,085	0,287	0,004	0,011	0,155	FALSE
0,019	0,300	0,000	0,008	0,016	FALSE
-0,060	0,307	-0,002	0,009	0,104	FALSE
-0,053	0,301	-0,001	0,009	0,063	FALSE
0,111	0,314	0,003	0,011	0,120	FALSE
0,079	0,308	0,002	0,013	0,050	FALSE
-0,011	0,298	-0,001	0,010	0,022	FALSE
0,042	0,301	0,002	0,012	0,055	FALSE
-0,093	0,318	-0,004	0,013	0,111	FALSE
0,081	0,296	0,003	0,013	0,097	FALSE
-0,064	0,309	-0,003	0,010	0,118	FALSE
-0,102	0,308	-0,004	0,012	0,152	FALSE
0,092	0,309	0,004	0,009	0,151	FALSE
-0,015	0,299	0,000	0,006	0,001	FALSE
-0,108	0,316	-0,003	0,009	0,122	FALSE
-0,020	0,298	0,000	0,012	0,013	FALSE
-0,005	0,321	0,000	0,012	0,006	FALSE
0,051	0,293	0,001	0,006	0,049	FALSE
-0,012	0,317	0,000	0,007	0,004	FALSE
0,022	0,301	0,001	0,007	0,042	FALSE
0,039	0,301	0,001	0,006	0,042	FALSE
0,056	0,305	0,001	0,006	0,062	FALSE
0,044	0,296	0,002	0,012	0,067	FALSE
0,022	0,301	0,001	0,010	0,021	FALSE
0,137	0,307	0,003	0,007	0,170	FALSE
-0,057	0,306	-0,002	0,011	0,075	FALSE
0,018	0,311	0,001	0,007	0,038	FALSE
-0,170	0,293	-0,004	0,008	0,226	FALSE
-0,065	0,315	-0,001	0,007	0,055	FALSE
-0,095	0,303	-0,002	0,007	0,094	FALSE
-0,087	0,315	-0,002	0,007	0,083	FALSE

-0,082	0,303	-0,001	0,007	0,072	FALSE
0,045	0,294	0,001	0,008	0,033	FALSE
-0,095	0,308	-0,004	0,012	0,118	FALSE
-0,011	0,303	0,000	0,011	0,010	FALSE
-0,176	0,298	-0,004	0,008	0,241	FALSE
0,075	0,311	0,002	0,011	0,073	FALSE
-0,062	0,309	-0,002	0,010	0,085	FALSE
-0,054	0,310	-0,002	0,009	0,082	FALSE
0,027	0,300	0,002	0,013	0,062	FALSE
-0,006	0,309	0,001	0,011	0,016	FALSE
-0,054	0,315	-0,001	0,006	0,059	FALSE
-0,037	0,306	0,000	0,010	0,007	FALSE
-0,033	0,303	0,000	0,010	0,006	FALSE
-0,020	0,294	0,000	0,010	0,015	FALSE
0,077	0,317	0,003	0,013	0,098	FALSE
-0,096	0,298	-0,003	0,007	0,147	FALSE
0,001	0,306	0,000	0,008	0,004	FALSE
-0,083	0,303	-0,002	0,008	0,114	FALSE
-0,081	0,321	-0,002	0,007	0,098	FALSE
0,057	0,300	0,001	0,009	0,052	FALSE
0,054	0,298	0,001	0,008	0,055	FALSE
-0,037	0,312	-0,001	0,008	0,060	FALSE
-0,197	0,310	-0,005	0,009	0,257	FALSE
0,084	0,310	0,004	0,010	0,144	FALSE
-0,024	0,309	0,000	0,008	0,015	FALSE
0,092	0,311	0,004	0,011	0,137	FALSE
0,122	0,299	0,003	0,007	0,159	FALSE
0,057	0,313	0,002	0,013	0,062	FALSE
0,027	0,292	0,001	0,009	0,033	FALSE
-0,049	0,309	-0,002	0,011	0,059	FALSE
-0,005	0,304	0,000	0,012	0,001	FALSE
-0,049	0,308	-0,002	0,011	0,065	FALSE
0,014	0,296	0,000	0,011	0,001	FALSE
-0,046	0,294	-0,002	0,011	0,065	FALSE
-0,027	0,299	-0,001	0,009	0,050	FALSE
-0,097	0,308	-0,002	0,006	0,099	FALSE
0,058	0,297	0,002	0,010	0,081	FALSE
0,061	0,313	0,001	0,008	0,057	FALSE
-0,040	0,312	-0,001	0,010	0,040	FALSE
-0,004	0,302	-0,001	0,011	0,039	FALSE
0,031	0,325	0,002	0,013	0,069	FALSE
-0,024	0,321	0,000	0,012	0,000	FALSE
-0,016	0,299	-0,002	0,012	0,046	FALSE
0,014	0,301	0,001	0,013	0,041	FALSE
0,059	0,302	0,004	0,013	0,106	FALSE
-0,075	0,322	-0,002	0,007	0,078	FALSE
-0,052	0,315	-0,002	0,011	0,055	FALSE
-0,003	0,310	0,000	0,008	0,010	FALSE
0,089	0,315	0,002	0,007	0,135	FALSE
0,087	0,319	0,003	0,012	0,089	FALSE
0,089	0,307	0,002	0,012	0,059	FALSE
0,156	0,312	0,005	0,009	0,219	FALSE
0,160	0,307	0,006	0,013	0,211	FALSE

0,027	0,308	0,001	0,007	0,060	FALSE
-0,162	0,303	-0,005	0,011	0,203	FALSE
0,169	0,292	0,004	0,007	0,257	FALSE
-0,051	0,290	0,000	0,006	0,026	FALSE
-0,044	0,310	-0,002	0,013	0,060	FALSE
-0,024	0,323	-0,002	0,013	0,048	FALSE
0,081	0,305	0,003	0,008	0,136	FALSE
0,052	0,314	0,003	0,012	0,077	FALSE
0,014	0,303	0,001	0,012	0,042	FALSE
-0,062	0,316	-0,003	0,013	0,099	FALSE
0,064	0,303	0,002	0,009	0,093	FALSE
0,043	0,305	0,001	0,008	0,042	FALSE
0,097	0,319	0,004	0,010	0,139	FALSE
-0,088	0,305	-0,004	0,011	0,139	FALSE
0,041	0,311	0,002	0,012	0,062	FALSE
-0,087	0,312	-0,002	0,009	0,089	FALSE
0,011	0,312	0,001	0,009	0,043	FALSE
-0,059	0,302	-0,003	0,010	0,099	FALSE
-0,101	0,303	-0,004	0,009	0,152	FALSE
-0,061	0,288	-0,001	0,010	0,052	FALSE
0,083	0,296	0,002	0,011	0,086	FALSE
0,026	0,320	0,001	0,013	0,041	FALSE
0,053	0,304	0,001	0,006	0,069	FALSE
-0,130	0,301	-0,004	0,010	0,165	FALSE
-0,016	0,299	-0,001	0,010	0,043	FALSE
-0,025	0,303	-0,001	0,010	0,025	FALSE
0,000	0,322	0,000	0,013	0,001	FALSE
-0,013	0,300	0,000	0,012	0,012	FALSE
0,005	0,316	0,000	0,013	0,004	FALSE
0,048	0,307	0,001	0,010	0,049	FALSE
0,039	0,307	0,001	0,009	0,048	FALSE
0,039	0,304	0,001	0,008	0,050	FALSE
-0,030	0,314	-0,002	0,012	0,057	FALSE
-0,030	0,315	-0,001	0,007	0,044	FALSE
0,145	0,302	0,005	0,008	0,269	FALSE
0,001	0,302	0,000	0,007	0,000	FALSE
-0,144	0,299	-0,004	0,008	0,211	FALSE
-0,081	0,310	-0,001	0,009	0,063	FALSE
-0,108	0,303	-0,003	0,009	0,117	FALSE
-0,055	0,290	-0,001	0,008	0,051	FALSE
-0,062	0,302	-0,001	0,008	0,059	FALSE
0,090	0,298	0,002	0,009	0,096	FALSE
0,164	0,303	0,007	0,013	0,244	TRUE
-0,155	0,296	-0,006	0,011	0,244	FALSE
-0,068	0,320	-0,001	0,007	0,076	FALSE
0,014	0,313	0,000	0,008	0,000	FALSE
-0,011	0,326	-0,001	0,010	0,034	FALSE
0,081	0,299	0,002	0,008	0,087	FALSE
0,072	0,297	0,001	0,008	0,072	FALSE
-0,029	0,316	-0,001	0,010	0,050	FALSE
0,071	0,310	0,001	0,007	0,077	FALSE
0,092	0,302	0,003	0,007	0,163	FALSE
0,061	0,304	0,002	0,009	0,104	FALSE

0,098	0,310	0,005	0,013	0,141	FALSE
0,103	0,313	0,005	0,013	0,145	FALSE
-0,149	0,312	-0,007	0,012	0,237	FALSE
0,003	0,298	0,000	0,008	0,007	FALSE
-0,074	0,304	-0,002	0,007	0,090	FALSE
-0,012	0,308	0,000	0,011	0,016	FALSE
0,006	0,324	0,000	0,014	0,003	FALSE
0,010	0,306	0,000	0,009	0,009	FALSE
0,059	0,306	0,002	0,012	0,079	FALSE
0,052	0,310	0,002	0,012	0,064	FALSE
-0,002	0,313	0,000	0,010	0,008	FALSE
-0,016	0,296	-0,001	0,012	0,025	FALSE
0,031	0,318	0,001	0,013	0,040	FALSE
0,004	0,306	0,001	0,008	0,033	FALSE
0,049	0,306	0,002	0,009	0,069	FALSE
-0,015	0,305	0,000	0,013	0,004	FALSE
-0,001	0,293	0,000	0,006	0,025	FALSE
0,056	0,297	0,002	0,007	0,109	FALSE
-0,020	0,313	0,000	0,007	0,008	FALSE
0,020	0,320	0,001	0,010	0,035	FALSE
0,132	0,312	0,005	0,011	0,181	FALSE
0,020	0,290	0,001	0,008	0,023	FALSE
-0,069	0,284	-0,003	0,012	0,103	FALSE
-0,202	0,292	-0,008	0,012	0,298	FALSE
-0,002	0,289	0,001	0,012	0,027	FALSE
0,015	0,296	0,002	0,008	0,074	FALSE
0,106	0,300	0,004	0,009	0,190	FALSE
0,042	0,307	0,002	0,012	0,056	FALSE
-0,060	0,311	-0,002	0,011	0,063	FALSE
-0,016	0,320	-0,001	0,007	0,031	FALSE
0,007	0,313	0,001	0,011	0,026	FALSE
0,111	0,309	0,004	0,010	0,159	FALSE
0,061	0,310	0,002	0,013	0,065	FALSE
-0,029	0,324	-0,003	0,014	0,069	FALSE
0,036	0,292	0,000	0,009	0,006	FALSE
-0,043	0,298	-0,002	0,011	0,055	FALSE
0,016	0,306	0,001	0,011	0,032	FALSE
-0,062	0,298	-0,003	0,012	0,084	FALSE
0,018	0,302	0,001	0,012	0,017	FALSE
-0,136	0,304	-0,007	0,013	0,235	FALSE
0,150	0,303	0,004	0,009	0,166	FALSE
-0,052	0,312	-0,001	0,007	0,059	FALSE
0,050	0,313	0,002	0,008	0,111	FALSE
0,058	0,300	0,002	0,007	0,106	FALSE
0,087	0,302	0,003	0,007	0,152	FALSE
0,084	0,309	0,003	0,010	0,098	FALSE
0,118	0,316	0,004	0,011	0,147	FALSE
0,026	0,316	0,001	0,008	0,034	FALSE
-0,038	0,309	-0,002	0,013	0,051	FALSE
-0,069	0,304	-0,002	0,009	0,094	FALSE
0,039	0,301	0,001	0,007	0,035	FALSE
0,079	0,298	0,003	0,010	0,100	FALSE
0,022	0,312	0,001	0,012	0,019	FALSE

0,031	0,302	0,001	0,013	0,023	FALSE
0,041	0,324	0,002	0,009	0,070	FALSE
0,018	0,303	0,000	0,007	0,015	FALSE
-0,029	0,305	-0,001	0,007	0,067	FALSE
0,108	0,308	0,003	0,007	0,167	FALSE
-0,013	0,325	0,000	0,011	0,002	FALSE
-0,067	0,313	-0,002	0,010	0,072	FALSE
0,048	0,315	0,002	0,013	0,069	FALSE
-0,043	0,302	-0,001	0,008	0,040	FALSE
-0,028	0,303	-0,001	0,011	0,029	FALSE
-0,145	0,308	-0,004	0,008	0,194	FALSE
0,023	0,300	0,001	0,012	0,040	FALSE
-0,067	0,320	-0,003	0,012	0,100	FALSE
-0,041	0,311	-0,002	0,008	0,074	FALSE
-0,113	0,312	-0,002	0,008	0,119	FALSE
0,131	0,296	0,004	0,009	0,215	FALSE
0,040	0,303	0,002	0,006	0,089	FALSE
-0,094	0,308	-0,003	0,010	0,120	FALSE
0,115	0,319	0,004	0,013	0,120	FALSE
-0,134	0,309	-0,005	0,011	0,176	FALSE
-0,010	0,308	0,000	0,007	0,009	FALSE
-0,104	0,290	-0,003	0,010	0,130	FALSE
-0,063	0,308	-0,001	0,008	0,043	FALSE
0,066	0,314	0,003	0,013	0,098	FALSE
-0,015	0,316	0,000	0,007	0,015	FALSE
-0,028	0,312	-0,001	0,007	0,030	FALSE
-0,044	0,317	-0,001	0,006	0,050	FALSE
0,083	0,306	0,004	0,013	0,110	FALSE
0,071	0,294	0,002	0,011	0,066	FALSE
-0,121	0,294	-0,005	0,012	0,168	FALSE
0,015	0,311	0,001	0,011	0,029	FALSE
-0,058	0,301	-0,002	0,007	0,089	FALSE
-0,059	0,298	-0,002	0,010	0,070	FALSE
-0,090	0,297	-0,001	0,007	0,076	FALSE
0,057	0,297	0,001	0,006	0,068	FALSE
0,022	0,301	0,001	0,010	0,019	FALSE
0,056	0,305	0,003	0,010	0,106	FALSE
0,044	0,304	0,002	0,009	0,063	FALSE
0,154	0,314	0,007	0,012	0,227	FALSE
0,052	0,309	0,002	0,012	0,067	FALSE
0,034	0,313	0,001	0,013	0,027	FALSE
-0,094	0,305	-0,006	0,013	0,193	FALSE
0,002	0,303	0,001	0,007	0,029	FALSE
0,027	0,304	0,000	0,009	0,014	FALSE
-0,027	0,311	-0,001	0,010	0,033	FALSE
-0,007	0,315	0,000	0,007	0,007	FALSE
0,011	0,315	0,000	0,007	0,000	FALSE
-0,038	0,310	-0,002	0,011	0,058	FALSE
0,026	0,297	0,001	0,009	0,035	FALSE
-0,016	0,293	0,000	0,009	0,003	FALSE
-0,157	0,287	-0,006	0,012	0,210	FALSE
0,001	0,296	0,000	0,011	0,015	FALSE
-0,016	0,307	-0,001	0,011	0,042	FALSE

-0,009	0,307	0,000	0,007	0,018	FALSE
-0,031	0,310	-0,001	0,011	0,042	FALSE
0,113	0,310	0,003	0,007	0,172	FALSE
-0,011	0,309	0,001	0,011	0,022	FALSE
-0,100	0,304	-0,003	0,008	0,152	FALSE
-0,122	0,303	-0,003	0,009	0,129	FALSE
-0,068	0,304	-0,002	0,007	0,084	FALSE
0,071	0,307	0,003	0,013	0,096	FALSE
-0,121	0,298	-0,003	0,009	0,158	FALSE
-0,071	0,286	-0,002	0,007	0,094	FALSE
0,142	0,318	0,004	0,007	0,215	FALSE
0,024	0,308	-0,001	0,011	0,033	FALSE
0,002	0,306	0,000	0,006	0,008	FALSE
-0,059	0,314	-0,002	0,009	0,094	FALSE
-0,078	0,318	-0,002	0,008	0,089	FALSE
0,095	0,313	0,002	0,007	0,118	FALSE
-0,024	0,319	-0,001	0,013	0,014	FALSE
0,065	0,302	0,001	0,008	0,041	FALSE
0,069	0,321	0,001	0,007	0,076	FALSE
0,031	0,288	0,001	0,012	0,030	FALSE
0,018	0,307	0,001	0,012	0,038	FALSE
-0,305	0,284	-0,014	0,013	0,574	FALSE
-0,061	0,304	-0,002	0,009	0,084	FALSE
-0,029	0,307	-0,001	0,012	0,036	FALSE
0,117	0,299	0,005	0,013	0,144	FALSE
-0,014	0,300	0,000	0,010	0,003	FALSE
-0,161	0,307	-0,006	0,010	0,238	FALSE
-0,067	0,317	-0,001	0,008	0,072	FALSE
0,130	0,309	0,006	0,013	0,183	FALSE
0,048	0,318	0,001	0,007	0,075	FALSE
-0,065	0,303	-0,002	0,010	0,068	FALSE
0,190	0,301	0,004	0,007	0,273	FALSE
0,093	0,318	0,004	0,013	0,107	FALSE
0,022	0,314	0,001	0,011	0,034	FALSE
0,050	0,311	0,001	0,006	0,060	FALSE
-0,041	0,308	-0,001	0,006	0,060	FALSE
-0,019	0,312	-0,001	0,013	0,020	FALSE
-0,013	0,320	0,000	0,010	0,013	FALSE
0,001	0,301	0,000	0,007	0,005	FALSE
0,074	0,303	0,003	0,013	0,079	FALSE
-0,073	0,320	-0,002	0,009	0,103	FALSE
0,072	0,300	0,004	0,011	0,128	FALSE
0,050	0,315	0,001	0,008	0,070	FALSE
0,069	0,316	0,003	0,010	0,116	FALSE
0,128	0,307	0,003	0,008	0,170	FALSE
-0,104	0,306	-0,003	0,007	0,162	FALSE
-0,093	0,313	-0,002	0,008	0,118	FALSE
0,052	0,315	0,002	0,008	0,090	FALSE
0,083	0,302	0,004	0,012	0,132	FALSE
0,065	0,304	0,003	0,012	0,106	FALSE
-0,068	0,313	-0,002	0,010	0,075	FALSE
0,151	0,313	0,003	0,007	0,178	FALSE
0,069	0,304	0,002	0,010	0,088	FALSE

-0,084	0,295	-0,002	0,008	0,093	FALSE
-0,099	0,312	-0,002	0,006	0,107	FALSE
-0,034	0,303	-0,001	0,008	0,070	FALSE
0,025	0,314	0,002	0,013	0,044	FALSE
-0,058	0,323	-0,001	0,009	0,060	FALSE
0,027	0,300	0,000	0,008	0,015	FALSE
0,019	0,301	0,001	0,007	0,047	FALSE
0,151	0,306	0,005	0,009	0,216	FALSE
-0,015	0,309	0,000	0,009	0,012	FALSE
0,010	0,297	0,001	0,007	0,025	FALSE
-0,003	0,298	0,000	0,007	0,026	FALSE
-0,035	0,304	-0,002	0,009	0,083	FALSE
-0,013	0,295	0,000	0,006	0,017	FALSE
-0,025	0,302	0,000	0,007	0,010	FALSE
-0,044	0,312	-0,002	0,008	0,079	FALSE
0,015	0,299	0,001	0,008	0,023	FALSE
0,061	0,310	0,002	0,008	0,077	FALSE
-0,044	0,304	-0,002	0,012	0,070	FALSE
-0,081	0,320	-0,002	0,010	0,093	FALSE
-0,070	0,285	-0,001	0,006	0,054	FALSE
-0,100	0,304	-0,003	0,010	0,114	FALSE
-0,132	0,297	-0,006	0,012	0,191	FALSE
0,052	0,328	0,002	0,011	0,056	FALSE
-0,069	0,303	-0,002	0,006	0,099	FALSE
-0,048	0,307	-0,002	0,010	0,055	FALSE
0,165	0,300	0,007	0,012	0,257	FALSE
-0,032	0,296	-0,001	0,008	0,030	FALSE
-0,019	0,317	-0,001	0,007	0,038	FALSE
-0,028	0,303	0,000	0,006	0,005	FALSE
-0,016	0,302	0,000	0,006	0,006	FALSE
-0,089	0,308	-0,002	0,007	0,118	FALSE
-0,083	0,307	-0,003	0,012	0,087	FALSE
-0,102	0,311	-0,003	0,008	0,168	FALSE
0,040	0,295	0,000	0,007	0,001	FALSE
0,078	0,302	0,003	0,012	0,082	FALSE
-0,053	0,307	-0,002	0,013	0,064	FALSE
0,012	0,308	0,000	0,007	0,001	FALSE
-0,098	0,320	-0,002	0,007	0,130	FALSE
0,083	0,304	0,003	0,012	0,092	FALSE
0,033	0,309	0,001	0,012	0,027	FALSE
-0,103	0,298	-0,002	0,007	0,125	FALSE
-0,067	0,295	-0,002	0,008	0,090	FALSE
0,104	0,298	0,004	0,012	0,138	FALSE
-0,007	0,310	0,001	0,009	0,028	FALSE
-0,093	0,298	-0,004	0,011	0,148	FALSE
0,009	0,323	0,001	0,009	0,032	FALSE
-0,182	0,298	-0,006	0,009	0,304	FALSE
-0,004	0,304	0,000	0,009	0,019	FALSE
-0,198	0,300	-0,010	0,013	0,340	FALSE
0,185	0,303	0,006	0,010	0,258	FALSE
0,028	0,320	0,001	0,009	0,034	FALSE
-0,079	0,308	-0,002	0,007	0,090	FALSE
0,145	0,307	0,004	0,008	0,175	FALSE

0,023	0,302	0,001	0,007	0,043	FALSE
0,028	0,303	0,001	0,009	0,028	FALSE
-0,063	0,320	-0,002	0,009	0,080	FALSE
0,027	0,305	0,000	0,010	0,016	FALSE
0,012	0,322	0,001	0,008	0,031	FALSE
-0,123	0,310	-0,003	0,007	0,176	FALSE
0,014	0,312	0,000	0,013	0,012	FALSE
0,010	0,298	0,000	0,011	0,003	FALSE
-0,081	0,300	-0,005	0,013	0,154	FALSE
0,027	0,326	0,002	0,011	0,050	FALSE
-0,106	0,300	-0,006	0,012	0,194	FALSE
0,010	0,307	0,000	0,012	0,013	FALSE
0,004	0,288	0,000	0,011	0,003	FALSE
0,040	0,307	0,001	0,011	0,021	FALSE
0,123	0,314	0,004	0,008	0,187	FALSE
-0,008	0,300	-0,001	0,012	0,026	FALSE
-0,072	0,305	-0,002	0,010	0,082	FALSE
0,043	0,320	0,002	0,009	0,066	FALSE
0,066	0,302	0,002	0,013	0,069	FALSE
0,029	0,306	0,001	0,009	0,023	FALSE
0,050	0,298	0,002	0,009	0,080	FALSE
0,119	0,295	0,002	0,006	0,122	FALSE
0,126	0,301	0,005	0,011	0,164	FALSE
-0,028	0,305	0,000	0,007	0,019	FALSE
-0,101	0,295	-0,003	0,008	0,136	FALSE
0,099	0,318	0,003	0,008	0,144	FALSE
-0,036	0,310	-0,001	0,007	0,045	FALSE
0,078	0,303	0,002	0,008	0,070	FALSE
-0,150	0,302	-0,003	0,006	0,207	FALSE
0,000	0,327	0,000	0,009	0,008	FALSE
0,026	0,306	0,000	0,010	0,010	FALSE
-0,097	0,318	-0,002	0,008	0,114	FALSE
0,056	0,308	0,002	0,010	0,073	FALSE
0,058	0,294	0,003	0,013	0,102	FALSE
-0,042	0,305	-0,001	0,008	0,033	FALSE
-0,082	0,308	-0,002	0,007	0,121	FALSE
-0,195	0,306	-0,006	0,010	0,260	FALSE
0,003	0,295	0,000	0,006	0,013	FALSE
0,103	0,298	0,002	0,007	0,121	FALSE
0,129	0,323	0,005	0,013	0,158	FALSE
0,008	0,314	0,000	0,007	0,020	FALSE
-0,081	0,308	-0,003	0,011	0,096	FALSE
-0,052	0,299	-0,001	0,007	0,043	FALSE
0,003	0,306	0,001	0,013	0,039	FALSE
-0,012	0,298	0,000	0,007	0,009	FALSE
0,134	0,294	0,005	0,011	0,173	FALSE
-0,016	0,313	0,000	0,007	0,012	FALSE
0,050	0,301	0,002	0,012	0,053	FALSE
0,009	0,313	0,000	0,007	0,023	FALSE
-0,003	0,315	0,000	0,006	0,015	FALSE
-0,122	0,296	-0,003	0,007	0,194	FALSE
-0,076	0,312	-0,002	0,008	0,077	FALSE
-0,030	0,307	0,000	0,007	0,001	FALSE

0,055	0,298	0,001	0,006	0,086	FALSE
0,063	0,306	0,002	0,007	0,091	FALSE
0,030	0,309	0,001	0,010	0,039	FALSE
0,025	0,313	0,001	0,009	0,034	FALSE
0,014	0,300	0,000	0,006	0,024	FALSE
-0,059	0,320	-0,002	0,010	0,072	FALSE
-0,072	0,302	-0,004	0,013	0,129	TRUE
0,024	0,304	0,001	0,011	0,048	FALSE
0,092	0,300	0,003	0,009	0,124	FALSE
-0,113	0,307	-0,005	0,013	0,177	FALSE
-0,043	0,305	-0,001	0,012	0,043	FALSE
-0,010	0,299	-0,001	0,010	0,020	FALSE
0,107	0,294	0,004	0,012	0,122	FALSE
0,127	0,283	0,003	0,007	0,171	FALSE
0,040	0,314	0,001	0,013	0,027	FALSE
-0,065	0,310	-0,002	0,007	0,085	FALSE
0,004	0,303	0,000	0,007	0,023	FALSE
-0,064	0,312	-0,001	0,007	0,065	FALSE
0,096	0,305	0,004	0,012	0,143	FALSE
-0,017	0,296	-0,001	0,007	0,069	FALSE
-0,155	0,308	-0,003	0,007	0,223	FALSE
-0,004	0,316	-0,001	0,012	0,016	FALSE
-0,036	0,305	-0,001	0,011	0,025	FALSE
-0,042	0,299	0,000	0,007	0,022	FALSE
0,130	0,302	0,003	0,006	0,185	FALSE
-0,014	0,309	0,000	0,009	0,016	FALSE
0,099	0,305	0,004	0,009	0,166	FALSE
0,091	0,291	0,004	0,010	0,155	FALSE
0,052	0,295	0,003	0,010	0,094	FALSE
0,086	0,316	0,003	0,012	0,107	FALSE
-0,041	0,308	-0,002	0,011	0,067	FALSE
-0,043	0,316	-0,001	0,007	0,032	FALSE
-0,135	0,307	-0,005	0,011	0,202	FALSE
-0,033	0,309	-0,002	0,009	0,067	FALSE
-0,032	0,319	-0,001	0,007	0,044	FALSE
0,057	0,306	0,001	0,006	0,068	FALSE
0,030	0,317	0,002	0,012	0,048	FALSE
-0,094	0,300	-0,003	0,010	0,124	FALSE
-0,098	0,306	-0,003	0,009	0,124	FALSE
-0,040	0,306	-0,001	0,010	0,044	FALSE
-0,040	0,312	-0,002	0,011	0,060	FALSE
0,092	0,305	0,002	0,008	0,122	FALSE
0,064	0,300	0,002	0,007	0,084	FALSE
0,104	0,308	0,004	0,010	0,163	FALSE
-0,099	0,310	-0,005	0,013	0,166	FALSE
0,027	0,295	0,001	0,007	0,051	FALSE
0,054	0,301	0,002	0,008	0,092	FALSE
0,113	0,299	0,004	0,010	0,136	FALSE
-0,049	0,303	-0,003	0,013	0,076	FALSE
0,095	0,302	0,003	0,010	0,131	FALSE
0,098	0,299	0,004	0,010	0,167	FALSE
0,120	0,300	0,003	0,009	0,151	FALSE
0,062	0,308	0,001	0,009	0,054	FALSE

-0,070	0,292	-0,001	0,013	0,022	FALSE
-0,127	0,311	-0,004	0,009	0,184	FALSE
-0,133	0,304	-0,004	0,008	0,204	FALSE
-0,108	0,297	-0,003	0,008	0,182	FALSE
-0,044	0,305	-0,001	0,007	0,053	FALSE
-0,130	0,292	-0,004	0,009	0,201	FALSE
-0,091	0,315	-0,003	0,009	0,137	FALSE
0,062	0,301	0,002	0,011	0,064	FALSE
-0,012	0,304	0,000	0,012	0,000	FALSE
-0,007	0,326	0,000	0,010	0,007	FALSE
-0,027	0,307	0,000	0,012	0,014	FALSE
-0,067	0,320	-0,002	0,010	0,083	FALSE
-0,025	0,303	-0,003	0,012	0,091	FALSE
0,015	0,314	0,001	0,007	0,043	FALSE
0,017	0,301	0,001	0,009	0,029	FALSE
0,162	0,302	0,006	0,010	0,264	FALSE
-0,007	0,318	0,001	0,010	0,018	FALSE
-0,019	0,321	0,000	0,012	0,008	FALSE
-0,049	0,300	-0,001	0,007	0,062	FALSE
-0,011	0,306	-0,001	0,008	0,023	FALSE
-0,119	0,305	-0,004	0,009	0,163	FALSE
-0,067	0,323	-0,001	0,007	0,059	FALSE
-0,063	0,306	-0,001	0,007	0,042	FALSE
-0,053	0,311	-0,001	0,007	0,039	FALSE
-0,096	0,303	-0,003	0,012	0,102	FALSE
-0,063	0,294	-0,001	0,008	0,055	FALSE
-0,122	0,300	-0,002	0,007	0,120	FALSE
0,218	0,279	0,007	0,010	0,318	FALSE
0,139	0,292	0,005	0,013	0,159	FALSE
0,019	0,314	0,000	0,007	0,015	FALSE
-0,057	0,308	-0,001	0,007	0,066	FALSE
-0,001	0,309	0,000	0,009	0,007	FALSE
-0,002	0,312	0,000	0,011	0,003	FALSE
-0,001	0,307	0,000	0,010	0,003	FALSE
0,080	0,306	0,002	0,008	0,092	FALSE
-0,054	0,323	-0,002	0,013	0,066	FALSE
-0,002	0,309	0,000	0,011	0,002	FALSE
0,074	0,303	0,004	0,013	0,120	FALSE
-0,052	0,313	-0,002	0,009	0,071	FALSE
0,107	0,313	0,002	0,007	0,145	FALSE
0,129	0,305	0,003	0,006	0,185	FALSE
0,064	0,297	0,001	0,011	0,051	FALSE
-0,021	0,286	-0,001	0,010	0,047	FALSE
0,010	0,290	0,000	0,010	0,003	FALSE
-0,032	0,312	-0,001	0,011	0,032	FALSE
0,020	0,311	0,001	0,008	0,051	FALSE
-0,110	0,301	-0,003	0,007	0,162	FALSE
-0,045	0,288	-0,001	0,009	0,061	FALSE
0,051	0,301	0,001	0,007	0,060	FALSE
0,075	0,288	0,002	0,007	0,096	FALSE
0,029	0,305	0,000	0,010	0,008	FALSE
0,009	0,305	0,000	0,012	0,014	FALSE
0,073	0,317	0,002	0,007	0,080	FALSE

0,058	0,319	0,001	0,007	0,050	FALSE
0,033	0,304	0,001	0,006	0,049	FALSE
-0,008	0,306	0,000	0,013	0,003	FALSE
-0,010	0,309	0,000	0,013	0,013	FALSE
-0,072	0,284	-0,001	0,007	0,059	FALSE
0,073	0,319	0,003	0,013	0,099	FALSE
0,119	0,293	0,003	0,008	0,140	FALSE
-0,013	0,304	0,000	0,010	0,014	FALSE
-0,162	0,286	-0,004	0,007	0,231	FALSE
-0,077	0,308	-0,003	0,012	0,085	FALSE
-0,078	0,306	-0,002	0,008	0,100	FALSE
-0,101	0,309	-0,003	0,011	0,116	FALSE
-0,087	0,313	-0,002	0,011	0,071	FALSE
0,003	0,305	0,000	0,007	0,013	FALSE
-0,089	0,306	-0,004	0,012	0,147	FALSE
-0,137	0,304	-0,006	0,012	0,200	FALSE
-0,004	0,324	0,000	0,012	0,005	FALSE
0,031	0,321	0,001	0,008	0,043	FALSE
-0,042	0,296	-0,001	0,007	0,041	FALSE
-0,043	0,303	-0,001	0,007	0,028	FALSE
-0,046	0,324	-0,001	0,007	0,050	FALSE
-0,095	0,318	-0,003	0,010	0,139	FALSE
0,080	0,317	0,002	0,008	0,100	FALSE
0,058	0,310	0,002	0,009	0,096	FALSE
-0,117	0,312	-0,003	0,008	0,164	FALSE
0,064	0,300	0,002	0,009	0,068	FALSE
-0,047	0,319	-0,002	0,013	0,066	FALSE
0,037	0,317	0,001	0,013	0,042	FALSE
0,057	0,319	0,002	0,013	0,055	FALSE
0,039	0,313	0,002	0,013	0,047	FALSE
0,043	0,316	0,002	0,013	0,057	FALSE
0,032	0,316	0,001	0,013	0,023	FALSE
0,064	0,312	0,002	0,013	0,057	FALSE
0,037	0,322	0,001	0,013	0,039	FALSE
-0,078	0,301	-0,002	0,007	0,124	FALSE
0,022	0,310	0,001	0,010	0,022	FALSE
-0,086	0,299	-0,004	0,013	0,127	FALSE
-0,048	0,298	-0,001	0,007	0,072	FALSE
0,085	0,300	0,002	0,007	0,132	FALSE
-0,020	0,325	-0,001	0,013	0,023	FALSE
-0,010	0,319	0,000	0,013	0,008	FALSE
-0,054	0,302	-0,003	0,012	0,096	FALSE
-0,117	0,309	-0,003	0,008	0,183	FALSE
0,065	0,308	0,002	0,009	0,084	FALSE
-0,154	0,299	-0,005	0,011	0,212	FALSE
0,106	0,321	0,003	0,009	0,135	FALSE
-0,014	0,303	-0,001	0,012	0,033	FALSE
-0,016	0,310	-0,001	0,013	0,020	FALSE
-0,029	0,316	-0,001	0,013	0,032	FALSE
-0,001	0,319	0,000	0,013	0,006	FALSE
0,010	0,311	0,000	0,013	0,005	FALSE
0,012	0,312	0,000	0,013	0,011	FALSE
0,007	0,311	0,000	0,013	0,002	FALSE

-0,017	0,315	-0,001	0,013	0,028	FALSE
-0,005	0,340	0,000	0,014	0,002	FALSE
0,007	0,334	0,000	0,013	0,007	FALSE
-0,011	0,314	0,000	0,013	0,006	FALSE
-0,038	0,307	-0,002	0,013	0,055	FALSE
-0,010	0,312	-0,001	0,012	0,020	FALSE
0,016	0,325	0,000	0,013	0,009	FALSE
0,061	0,303	0,002	0,012	0,061	FALSE
0,034	0,313	0,001	0,012	0,030	FALSE
-0,034	0,320	-0,002	0,013	0,043	FALSE
0,007	0,303	0,000	0,012	0,008	FALSE
-0,028	0,310	-0,001	0,008	0,023	FALSE
-0,067	0,302	-0,002	0,010	0,094	FALSE
-0,114	0,303	-0,003	0,007	0,169	FALSE
0,053	0,298	0,001	0,013	0,042	FALSE
0,075	0,296	0,002	0,011	0,078	FALSE
-0,034	0,326	-0,002	0,013	0,047	FALSE
-0,013	0,313	0,000	0,013	0,009	FALSE
-0,018	0,316	-0,001	0,013	0,027	FALSE
-0,008	0,319	0,000	0,013	0,009	FALSE
-0,007	0,319	-0,001	0,013	0,017	FALSE
-0,046	0,298	-0,002	0,010	0,062	FALSE
0,056	0,296	0,002	0,011	0,071	FALSE
0,003	0,307	0,000	0,012	0,002	FALSE
0,057	0,301	0,001	0,010	0,044	FALSE
0,054	0,302	0,001	0,009	0,041	FALSE
-0,070	0,307	-0,002	0,007	0,106	FALSE
0,066	0,321	0,003	0,011	0,085	FALSE
-0,054	0,315	-0,002	0,012	0,046	FALSE
0,093	0,324	0,002	0,009	0,101	FALSE
-0,057	0,296	-0,001	0,006	0,083	FALSE
-0,015	0,286	0,000	0,006	0,003	FALSE
-0,023	0,298	0,000	0,007	0,001	FALSE
-0,065	0,290	-0,001	0,007	0,075	FALSE
0,037	0,317	0,001	0,012	0,029	FALSE
0,046	0,309	0,001	0,009	0,057	FALSE
0,077	0,320	0,002	0,010	0,081	FALSE
0,096	0,298	0,003	0,009	0,111	FALSE
0,080	0,309	0,002	0,007	0,107	FALSE
-0,002	0,314	0,000	0,008	0,017	FALSE
0,112	0,301	0,004	0,010	0,156	FALSE
-0,075	0,307	-0,002	0,008	0,095	FALSE
0,027	0,314	0,001	0,008	0,041	FALSE
0,005	0,290	0,000	0,008	0,018	FALSE
-0,050	0,314	-0,001	0,007	0,051	FALSE
0,102	0,298	0,003	0,009	0,128	FALSE
0,032	0,302	0,000	0,007	0,011	FALSE
0,056	0,305	0,002	0,010	0,083	FALSE
0,110	0,298	0,004	0,009	0,186	FALSE
0,159	0,295	0,005	0,009	0,249	FALSE
0,052	0,308	0,002	0,008	0,082	FALSE
0,066	0,309	0,002	0,009	0,101	FALSE
0,021	0,308	0,000	0,007	0,008	FALSE

0,010	0,307	0,000	0,007	0,022	FALSE
-0,017	0,291	-0,001	0,010	0,036	FALSE
-0,008	0,298	-0,001	0,011	0,032	FALSE
0,060	0,303	0,001	0,011	0,045	FALSE
0,073	0,305	0,002	0,011	0,065	FALSE
0,067	0,310	0,002	0,010	0,077	FALSE
-0,093	0,308	-0,002	0,007	0,111	FALSE
0,053	0,306	0,002	0,007	0,084	FALSE
-0,034	0,303	-0,001	0,009	0,062	FALSE
0,037	0,313	0,001	0,007	0,042	FALSE
0,031	0,310	0,001	0,007	0,029	FALSE
-0,003	0,299	0,000	0,011	0,008	FALSE
0,003	0,302	0,001	0,008	0,041	FALSE
0,036	0,322	0,001	0,007	0,033	FALSE
0,008	0,315	0,000	0,007	0,001	FALSE
-0,005	0,327	0,000	0,013	0,000	FALSE
-0,015	0,290	-0,001	0,008	0,025	FALSE
-0,027	0,296	-0,001	0,011	0,026	FALSE
-0,045	0,294	-0,002	0,008	0,073	FALSE
0,089	0,292	0,004	0,010	0,154	FALSE
-0,062	0,287	-0,002	0,008	0,096	FALSE
-0,072	0,296	-0,002	0,009	0,100	FALSE
-0,055	0,287	-0,002	0,008	0,089	FALSE
-0,069	0,286	-0,002	0,008	0,114	FALSE
-0,070	0,293	-0,002	0,007	0,106	FALSE
-0,009	0,311	0,000	0,007	0,007	FALSE
0,064	0,307	0,003	0,012	0,084	FALSE
0,007	0,312	0,000	0,013	0,010	FALSE
0,004	0,307	0,000	0,007	0,004	FALSE
0,029	0,313	0,000	0,007	0,011	FALSE
0,149	0,285	0,007	0,012	0,241	FALSE
0,118	0,283	0,003	0,008	0,176	FALSE
-0,084	0,324	-0,004	0,012	0,123	FALSE
0,162	0,294	0,005	0,008	0,254	FALSE
-0,043	0,315	-0,002	0,011	0,081	FALSE
0,037	0,306	0,002	0,012	0,066	FALSE
-0,080	0,310	-0,002	0,006	0,107	FALSE
0,047	0,306	0,002	0,010	0,097	FALSE
0,017	0,305	0,002	0,010	0,068	FALSE
-0,035	0,313	0,000	0,007	0,022	FALSE
-0,111	0,291	-0,002	0,006	0,139	FALSE
0,020	0,293	0,000	0,013	0,004	FALSE
0,044	0,314	0,002	0,008	0,085	FALSE
0,014	0,312	0,001	0,008	0,051	FALSE
0,028	0,295	0,000	0,012	0,005	FALSE
-0,084	0,307	-0,003	0,013	0,089	FALSE
-0,104	0,318	-0,004	0,012	0,130	FALSE
-0,103	0,293	-0,002	0,009	0,105	FALSE
-0,062	0,292	-0,002	0,009	0,067	FALSE
0,007	0,297	0,000	0,009	0,013	FALSE
0,090	0,295	0,004	0,009	0,158	FALSE
0,070	0,302	0,002	0,009	0,102	FALSE
0,030	0,314	0,001	0,012	0,035	FALSE

-0,145	0,287	-0,003	0,007	0,170	FALSE
0,118	0,282	0,003	0,012	0,107	FALSE
0,108	0,291	0,003	0,012	0,079	FALSE
0,112	0,284	0,003	0,012	0,086	FALSE
0,049	0,297	0,003	0,011	0,100	FALSE
0,029	0,292	0,002	0,011	0,059	FALSE
0,096	0,317	0,004	0,013	0,125	FALSE
0,076	0,303	0,003	0,011	0,112	FALSE
-0,068	0,302	-0,003	0,009	0,109	FALSE
0,112	0,294	0,005	0,012	0,164	FALSE
-0,038	0,308	-0,002	0,010	0,081	FALSE
-0,028	0,301	-0,001	0,009	0,026	FALSE
-0,019	0,312	0,000	0,009	0,001	FALSE
0,131	0,300	0,003	0,006	0,207	FALSE
-0,019	0,302	0,000	0,010	0,013	FALSE
-0,028	0,299	0,000	0,009	0,011	FALSE
0,007	0,311	0,001	0,010	0,043	FALSE
0,020	0,317	0,000	0,009	0,008	FALSE
-0,051	0,316	-0,002	0,008	0,087	FALSE
0,020	0,316	0,000	0,008	0,009	FALSE
-0,034	0,306	-0,001	0,008	0,069	FALSE
-0,011	0,305	-0,001	0,008	0,042	FALSE
-0,006	0,307	-0,001	0,008	0,042	FALSE
-0,030	0,306	-0,001	0,008	0,039	FALSE
-0,032	0,300	-0,001	0,007	0,052	FALSE
-0,033	0,307	-0,001	0,008	0,050	FALSE
-0,078	0,301	-0,002	0,008	0,113	FALSE
-0,081	0,299	-0,002	0,008	0,116	FALSE
0,026	0,314	0,001	0,011	0,020	FALSE
-0,117	0,303	-0,005	0,012	0,158	FALSE
0,047	0,311	0,003	0,013	0,093	FALSE
0,127	0,302	0,004	0,011	0,140	FALSE
-0,037	0,315	0,000	0,011	0,012	FALSE
0,003	0,315	-0,001	0,011	0,018	FALSE
-0,017	0,308	0,001	0,011	0,019	FALSE
-0,083	0,294	-0,005	0,012	0,159	FALSE
0,010	0,303	0,001	0,011	0,021	FALSE
-0,090	0,302	-0,004	0,009	0,150	FALSE
-0,012	0,305	-0,001	0,008	0,053	FALSE
-0,025	0,296	-0,001	0,007	0,069	FALSE
0,058	0,306	0,003	0,012	0,094	FALSE
0,174	0,303	0,004	0,007	0,217	FALSE
0,023	0,309	0,001	0,010	0,028	FALSE
-0,070	0,296	-0,003	0,010	0,113	FALSE
0,113	0,298	0,004	0,013	0,126	FALSE
-0,068	0,290	-0,002	0,011	0,059	FALSE
0,072	0,307	0,001	0,009	0,048	FALSE
0,119	0,309	0,005	0,013	0,144	FALSE
-0,061	0,302	-0,001	0,010	0,050	FALSE
-0,067	0,295	-0,002	0,010	0,092	FALSE
0,099	0,315	0,004	0,013	0,112	FALSE
-0,057	0,299	-0,002	0,006	0,097	FALSE
-0,058	0,318	-0,002	0,008	0,089	FALSE

-0,008	0,314	0,000	0,010	0,017	FALSE
-0,003	0,310	0,000	0,009	0,004	FALSE
-0,004	0,301	0,000	0,009	0,007	FALSE
-0,034	0,302	-0,001	0,009	0,045	FALSE
-0,005	0,299	0,000	0,009	0,016	FALSE
0,076	0,311	0,003	0,010	0,108	FALSE
-0,122	0,306	-0,005	0,012	0,184	FALSE
-0,143	0,293	-0,003	0,007	0,179	FALSE
0,096	0,309	0,003	0,009	0,123	FALSE
-0,063	0,301	-0,002	0,009	0,060	FALSE
-0,066	0,300	-0,001	0,008	0,046	FALSE
-0,017	0,299	-0,001	0,007	0,032	FALSE
-0,035	0,296	-0,001	0,006	0,043	FALSE
0,098	0,312	0,002	0,007	0,114	FALSE
-0,113	0,318	-0,006	0,013	0,174	FALSE
-0,042	0,316	-0,001	0,009	0,052	FALSE
-0,056	0,313	-0,002	0,009	0,085	FALSE
0,020	0,320	0,000	0,010	0,014	FALSE
-0,001	0,322	0,000	0,011	0,014	FALSE
0,025	0,311	0,000	0,010	0,013	FALSE
-0,055	0,304	-0,002	0,013	0,062	FALSE
0,132	0,320	0,005	0,012	0,159	FALSE
-0,064	0,295	-0,002	0,010	0,064	FALSE
-0,011	0,307	0,000	0,013	0,004	FALSE
0,082	0,297	0,003	0,013	0,087	FALSE
0,167	0,293	0,006	0,012	0,224	FALSE
0,069	0,298	0,003	0,011	0,107	FALSE
0,000	0,318	0,000	0,013	0,011	FALSE
0,078	0,297	0,002	0,007	0,119	FALSE
-0,017	0,325	-0,001	0,008	0,036	FALSE
0,095	0,302	0,003	0,009	0,136	FALSE
0,084	0,300	0,004	0,011	0,152	FALSE
-0,056	0,326	-0,003	0,013	0,090	FALSE
0,037	0,300	0,001	0,012	0,020	FALSE
-0,047	0,306	-0,001	0,009	0,041	FALSE
-0,058	0,300	-0,002	0,008	0,079	FALSE
0,116	0,295	0,003	0,007	0,157	FALSE
-0,097	0,299	-0,002	0,008	0,088	FALSE
0,167	0,306	0,004	0,008	0,244	FALSE
-0,065	0,307	-0,002	0,010	0,060	FALSE
-0,008	0,299	0,000	0,011	0,000	FALSE
0,020	0,305	0,000	0,007	0,006	FALSE
0,069	0,303	0,002	0,007	0,111	FALSE
-0,027	0,316	-0,001	0,009	0,026	FALSE
-0,022	0,307	-0,001	0,012	0,042	FALSE
0,067	0,307	0,001	0,013	0,039	FALSE
-0,014	0,307	-0,001	0,011	0,047	FALSE
-0,042	0,308	-0,002	0,010	0,054	FALSE
0,038	0,305	0,001	0,010	0,034	FALSE
-0,022	0,309	-0,002	0,013	0,043	FALSE
-0,072	0,316	-0,004	0,013	0,120	FALSE
-0,077	0,313	-0,004	0,012	0,123	FALSE
0,124	0,305	0,003	0,009	0,137	FALSE

-0,068	0,309	-0,003	0,011	0,083	FALSE
-0,058	0,311	-0,002	0,009	0,102	FALSE
-0,082	0,313	-0,003	0,009	0,140	FALSE
-0,066	0,305	-0,002	0,008	0,111	FALSE
-0,055	0,313	-0,001	0,007	0,066	FALSE
-0,060	0,318	-0,001	0,008	0,067	FALSE
-0,024	0,307	0,000	0,009	0,019	FALSE
-0,067	0,311	-0,002	0,009	0,095	FALSE
-0,033	0,326	-0,001	0,009	0,025	FALSE
-0,038	0,313	-0,001	0,008	0,025	FALSE
-0,055	0,306	-0,001	0,010	0,048	FALSE
0,019	0,295	0,000	0,009	0,002	FALSE
0,080	0,322	0,004	0,012	0,109	FALSE
0,035	0,310	0,000	0,009	0,019	FALSE
0,052	0,301	0,001	0,011	0,031	FALSE
0,008	0,306	0,000	0,011	0,012	FALSE
0,028	0,311	0,000	0,007	0,015	FALSE
0,103	0,300	0,003	0,012	0,092	FALSE
0,013	0,301	0,001	0,009	0,028	FALSE
0,017	0,300	0,000	0,009	0,007	FALSE
0,001	0,312	0,000	0,009	0,005	FALSE
0,000	0,312	0,000	0,009	0,016	FALSE
-0,006	0,323	-0,001	0,010	0,020	FALSE
-0,102	0,296	-0,002	0,006	0,142	FALSE
-0,035	0,318	-0,001	0,010	0,043	FALSE
-0,027	0,305	-0,002	0,013	0,057	FALSE
-0,003	0,314	0,000	0,008	0,011	FALSE
-0,014	0,307	-0,001	0,009	0,038	FALSE
-0,004	0,311	0,000	0,007	0,001	FALSE
0,101	0,314	0,003	0,011	0,125	FALSE
0,041	0,307	0,001	0,007	0,025	FALSE
-0,034	0,292	-0,001	0,009	0,026	FALSE
0,020	0,308	0,001	0,012	0,034	FALSE
0,015	0,307	0,001	0,012	0,027	FALSE
-0,057	0,300	-0,001	0,009	0,045	FALSE
-0,046	0,310	-0,002	0,010	0,054	FALSE
-0,047	0,293	-0,002	0,011	0,062	FALSE
0,082	0,315	0,003	0,008	0,137	FALSE
0,093	0,312	0,003	0,007	0,142	FALSE
0,032	0,316	0,001	0,013	0,031	FALSE
-0,088	0,304	-0,003	0,009	0,115	FALSE
-0,048	0,304	-0,001	0,009	0,061	FALSE
-0,075	0,299	-0,002	0,008	0,081	FALSE
0,100	0,278	0,002	0,008	0,096	FALSE
-0,066	0,318	-0,003	0,010	0,110	FALSE
0,007	0,305	0,001	0,012	0,032	FALSE
0,006	0,313	0,000	0,012	0,011	FALSE
0,043	0,303	0,002	0,012	0,066	FALSE
0,017	0,305	0,001	0,013	0,043	FALSE
0,045	0,318	0,001	0,008	0,050	FALSE
0,019	0,324	0,001	0,008	0,026	FALSE
0,050	0,313	0,001	0,008	0,052	FALSE
0,013	0,282	0,000	0,009	0,010	FALSE

-0,076	0,295	-0,001	0,006	0,082	FALSE
-0,109	0,295	-0,003	0,010	0,119	FALSE
0,025	0,306	0,000	0,008	0,001	FALSE
0,064	0,307	0,002	0,012	0,072	FALSE
-0,016	0,307	0,000	0,011	0,001	FALSE
0,003	0,305	0,000	0,012	0,002	FALSE
-0,058	0,320	-0,001	0,007	0,061	FALSE
0,002	0,307	0,000	0,008	0,009	FALSE
0,068	0,297	0,002	0,008	0,106	FALSE
-0,007	0,316	0,000	0,008	0,008	FALSE
-0,041	0,310	-0,002	0,013	0,048	FALSE
-0,010	0,311	0,000	0,009	0,013	FALSE
0,005	0,311	0,001	0,013	0,015	FALSE
0,020	0,303	0,001	0,009	0,032	FALSE
0,052	0,305	0,003	0,010	0,104	FALSE
-0,031	0,322	-0,001	0,008	0,056	FALSE
-0,001	0,302	-0,001	0,007	0,032	FALSE
0,014	0,305	0,000	0,008	0,005	FALSE
0,052	0,300	0,001	0,007	0,074	FALSE
0,037	0,298	0,001	0,008	0,065	FALSE
-0,064	0,300	-0,002	0,010	0,059	FALSE
-0,089	0,314	-0,003	0,010	0,124	FALSE
-0,041	0,313	-0,001	0,008	0,066	FALSE
0,043	0,298	0,002	0,007	0,085	FALSE
-0,125	0,300	-0,003	0,008	0,176	FALSE
0,006	0,311	0,000	0,013	0,006	FALSE
0,132	0,286	0,004	0,011	0,140	FALSE
0,167	0,297	0,005	0,011	0,185	FALSE
-0,015	0,310	0,000	0,010	0,001	FALSE
0,017	0,315	0,000	0,009	0,010	FALSE
-0,049	0,305	-0,001	0,008	0,058	FALSE
-0,030	0,305	-0,001	0,008	0,045	FALSE
-0,017	0,312	0,000	0,008	0,018	FALSE
-0,057	0,297	-0,001	0,008	0,065	FALSE
-0,004	0,306	0,000	0,006	0,011	FALSE
0,011	0,300	0,002	0,011	0,054	FALSE
0,128	0,298	0,003	0,008	0,180	FALSE
-0,007	0,292	0,000	0,008	0,001	FALSE
0,015	0,313	0,001	0,013	0,038	FALSE
0,011	0,314	0,000	0,007	0,001	FALSE
-0,012	0,294	0,000	0,008	0,023	FALSE
-0,042	0,307	-0,001	0,012	0,043	FALSE
0,032	0,306	0,001	0,011	0,025	FALSE
0,019	0,307	0,000	0,013	0,010	FALSE
-0,029	0,302	-0,001	0,010	0,044	FALSE
0,045	0,302	0,002	0,007	0,097	FALSE
0,082	0,305	0,003	0,007	0,153	FALSE
-0,091	0,315	-0,003	0,008	0,120	FALSE
0,032	0,302	0,001	0,008	0,028	FALSE
0,101	0,321	0,003	0,008	0,138	FALSE
-0,070	0,315	-0,002	0,008	0,076	FALSE
-0,003	0,308	-0,001	0,010	0,043	FALSE
-0,003	0,308	0,000	0,008	0,000	FALSE

-0,027	0,300	-0,001	0,008	0,044	FALSE
0,142	0,289	0,006	0,009	0,280	FALSE
-0,166	0,279	-0,008	0,012	0,292	FALSE
0,004	0,297	-0,001	0,013	0,019	FALSE
0,014	0,311	0,000	0,013	0,002	FALSE
-0,163	0,313	-0,005	0,010	0,226	FALSE
-0,034	0,301	-0,002	0,012	0,051	FALSE
0,031	0,317	0,001	0,010	0,053	FALSE
-0,042	0,304	-0,002	0,012	0,052	FALSE
-0,166	0,302	-0,004	0,008	0,207	FALSE
-0,007	0,315	0,000	0,008	0,012	FALSE
-0,013	0,294	0,000	0,012	0,004	FALSE
-0,039	0,308	-0,001	0,009	0,046	FALSE
-0,018	0,289	0,000	0,008	0,007	FALSE
-0,010	0,309	0,000	0,008	0,004	FALSE
-0,098	0,319	-0,003	0,012	0,105	FALSE
0,198	0,305	0,005	0,007	0,294	FALSE
0,138	0,301	0,005	0,010	0,190	FALSE
0,100	0,296	0,003	0,009	0,142	FALSE
0,042	0,311	0,002	0,009	0,083	FALSE
0,043	0,309	0,001	0,008	0,047	FALSE
-0,034	0,324	-0,001	0,007	0,028	FALSE
-0,021	0,318	0,000	0,011	0,008	FALSE
0,058	0,300	0,002	0,008	0,089	FALSE
-0,038	0,292	-0,001	0,011	0,041	FALSE
-0,114	0,320	-0,003	0,009	0,110	FALSE
-0,034	0,300	-0,001	0,007	0,036	FALSE
0,080	0,305	0,002	0,010	0,076	FALSE
-0,055	0,328	-0,001	0,011	0,051	FALSE
-0,055	0,295	-0,002	0,010	0,072	FALSE
0,034	0,304	0,001	0,010	0,055	FALSE
0,087	0,303	0,003	0,008	0,144	FALSE
-0,048	0,315	-0,001	0,009	0,060	FALSE
0,119	0,298	0,006	0,012	0,213	FALSE
-0,076	0,311	-0,003	0,011	0,116	FALSE
0,038	0,300	0,000	0,007	0,019	FALSE
0,047	0,300	0,003	0,012	0,079	FALSE
0,033	0,319	0,001	0,007	0,027	FALSE
-0,004	0,316	0,000	0,007	0,007	FALSE
-0,040	0,308	-0,001	0,009	0,024	FALSE
0,034	0,290	0,000	0,009	0,017	FALSE
0,019	0,311	0,000	0,010	0,006	FALSE
0,050	0,324	0,001	0,010	0,029	FALSE
0,036	0,299	0,001	0,010	0,047	FALSE
0,044	0,312	0,002	0,012	0,058	FALSE
-0,067	0,308	-0,001	0,007	0,082	FALSE
-0,014	0,304	0,000	0,012	0,012	FALSE
0,016	0,304	0,000	0,006	0,008	FALSE
0,090	0,291	0,004	0,011	0,140	FALSE
0,060	0,302	0,002	0,011	0,084	FALSE
0,076	0,299	0,003	0,011	0,108	FALSE
0,087	0,288	0,004	0,011	0,133	FALSE
0,035	0,324	0,002	0,012	0,065	FALSE

0,038	0,293	0,001	0,006	0,053	FALSE
0,029	0,306	0,001	0,008	0,024	FALSE
-0,001	0,305	0,000	0,009	0,016	FALSE
-0,050	0,313	-0,002	0,013	0,065	FALSE
-0,048	0,313	-0,002	0,011	0,054	FALSE
0,001	0,315	0,000	0,009	0,009	FALSE
-0,109	0,324	-0,004	0,013	0,125	FALSE
0,022	0,311	0,000	0,007	0,017	FALSE
0,011	0,312	0,000	0,012	0,007	FALSE
0,007	0,307	-0,001	0,012	0,027	FALSE
-0,016	0,306	0,000	0,011	0,001	FALSE
0,022	0,313	0,001	0,007	0,051	FALSE
-0,062	0,301	-0,003	0,012	0,083	FALSE
-0,050	0,310	-0,002	0,012	0,062	FALSE
0,040	0,293	0,001	0,012	0,017	FALSE
0,057	0,308	0,002	0,006	0,116	FALSE
0,119	0,306	0,003	0,009	0,146	FALSE
0,001	0,297	0,001	0,006	0,028	FALSE
-0,004	0,303	0,000	0,011	0,014	FALSE
-0,117	0,295	-0,004	0,013	0,122	FALSE
0,107	0,302	0,004	0,012	0,141	FALSE
0,044	0,321	0,001	0,009	0,060	FALSE
-0,165	0,304	-0,003	0,006	0,231	FALSE
-0,060	0,327	-0,002	0,009	0,060	FALSE
0,119	0,305	0,003	0,007	0,170	FALSE
-0,083	0,293	-0,002	0,009	0,077	FALSE
-0,027	0,304	0,000	0,007	0,014	FALSE
-0,069	0,311	-0,003	0,012	0,096	FALSE
0,003	0,319	0,000	0,008	0,018	FALSE
0,059	0,321	0,002	0,009	0,073	FALSE
-0,022	0,303	-0,002	0,012	0,046	FALSE
0,013	0,297	0,001	0,006	0,037	FALSE
0,086	0,309	0,002	0,010	0,071	FALSE
-0,044	0,316	-0,002	0,007	0,089	FALSE
-0,031	0,306	0,000	0,009	0,001	FALSE
-0,012	0,306	-0,001	0,007	0,026	FALSE
0,044	0,315	0,001	0,012	0,040	FALSE
0,031	0,320	0,001	0,012	0,024	FALSE
0,172	0,299	0,004	0,007	0,267	FALSE
0,048	0,300	0,001	0,009	0,030	FALSE
0,065	0,309	0,001	0,007	0,078	FALSE
0,116	0,318	0,005	0,013	0,146	FALSE
0,075	0,299	0,002	0,008	0,107	FALSE
-0,159	0,303	-0,006	0,012	0,232	FALSE
0,018	0,309	0,001	0,008	0,035	FALSE
0,017	0,293	0,000	0,009	0,016	FALSE
0,102	0,308	0,005	0,013	0,138	FALSE
-0,032	0,300	-0,001	0,012	0,031	FALSE
0,121	0,296	0,005	0,012	0,172	FALSE
-0,054	0,315	-0,001	0,007	0,044	FALSE
0,052	0,310	0,002	0,008	0,093	FALSE
-0,001	0,312	0,000	0,012	0,003	FALSE
-0,121	0,301	-0,004	0,009	0,192	FALSE

0,164	0,305	0,006	0,010	0,247	FALSE
-0,030	0,303	-0,002	0,012	0,055	FALSE
0,061	0,315	0,004	0,013	0,107	FALSE
-0,034	0,315	0,000	0,006	0,027	FALSE
-0,022	0,292	0,000	0,010	0,008	FALSE
0,046	0,305	0,001	0,006	0,044	FALSE
0,118	0,318	0,003	0,008	0,150	FALSE
-0,126	0,303	-0,004	0,010	0,150	FALSE
0,015	0,309	0,000	0,006	0,003	FALSE
0,070	0,306	0,002	0,007	0,126	FALSE
0,116	0,314	0,003	0,010	0,122	FALSE
0,063	0,312	0,001	0,007	0,067	FALSE
-0,090	0,301	-0,002	0,008	0,116	FALSE
-0,029	0,306	-0,001	0,009	0,037	FALSE
-0,044	0,304	-0,001	0,009	0,055	FALSE
-0,014	0,295	-0,001	0,012	0,030	FALSE
-0,091	0,305	-0,003	0,010	0,108	FALSE
-0,075	0,296	-0,003	0,010	0,107	FALSE
-0,118	0,312	-0,005	0,012	0,165	FALSE
-0,087	0,306	-0,004	0,011	0,127	FALSE
0,064	0,314	0,003	0,013	0,085	FALSE
0,077	0,310	0,002	0,007	0,107	FALSE
-0,068	0,301	-0,002	0,009	0,101	FALSE
-0,104	0,308	-0,005	0,012	0,163	FALSE
0,017	0,295	0,001	0,012	0,041	FALSE
-0,106	0,308	-0,005	0,012	0,158	FALSE
-0,086	0,307	-0,003	0,011	0,085	FALSE
0,041	0,306	0,001	0,013	0,030	FALSE
-0,027	0,297	-0,002	0,010	0,058	FALSE
0,021	0,308	0,001	0,012	0,033	FALSE
-0,031	0,316	-0,001	0,011	0,049	FALSE
-0,022	0,305	-0,002	0,013	0,050	FALSE
0,025	0,318	0,002	0,011	0,061	FALSE
-0,023	0,301	-0,001	0,009	0,050	FALSE
0,039	0,308	0,001	0,011	0,027	FALSE
0,047	0,322	0,001	0,007	0,032	FALSE
-0,095	0,293	-0,002	0,008	0,114	FALSE
-0,092	0,319	-0,002	0,007	0,116	FALSE
0,106	0,282	0,004	0,009	0,191	FALSE
-0,160	0,293	-0,006	0,011	0,238	FALSE
-0,011	0,315	0,000	0,008	0,013	FALSE
-0,007	0,304	0,000	0,008	0,009	FALSE
-0,017	0,305	-0,001	0,011	0,027	FALSE
0,091	0,314	0,003	0,013	0,091	FALSE
-0,018	0,318	0,000	0,008	0,012	FALSE
-0,019	0,314	-0,001	0,011	0,018	FALSE
-0,154	0,303	-0,004	0,008	0,200	FALSE
-0,041	0,304	-0,001	0,006	0,071	FALSE
-0,064	0,311	-0,002	0,007	0,096	FALSE
-0,045	0,303	-0,002	0,009	0,085	FALSE
0,037	0,306	0,001	0,007	0,062	FALSE
0,081	0,306	0,003	0,012	0,090	FALSE
0,048	0,303	0,001	0,008	0,059	FALSE

0,052	0,308	0,001	0,008	0,043	FALSE
0,010	0,314	0,001	0,012	0,033	FALSE
-0,070	0,311	-0,002	0,011	0,073	FALSE
-0,043	0,314	-0,002	0,012	0,053	FALSE
-0,032	0,295	-0,001	0,012	0,022	FALSE
0,057	0,320	0,002	0,013	0,045	FALSE
0,080	0,321	0,002	0,009	0,105	FALSE
0,108	0,303	0,004	0,012	0,123	FALSE
0,128	0,309	0,002	0,007	0,151	FALSE
-0,012	0,309	-0,001	0,010	0,030	FALSE
-0,119	0,305	-0,002	0,007	0,133	FALSE
-0,017	0,306	0,000	0,007	0,004	FALSE
0,091	0,302	0,002	0,007	0,147	FALSE
-0,066	0,318	-0,002	0,008	0,076	FALSE
0,008	0,296	0,001	0,013	0,029	FALSE
-0,019	0,310	0,000	0,013	0,005	FALSE
0,062	0,306	0,002	0,011	0,065	FALSE
-0,060	0,310	-0,002	0,008	0,080	FALSE
-0,031	0,311	-0,001	0,008	0,056	FALSE
0,051	0,321	0,002	0,012	0,061	FALSE
0,008	0,307	0,000	0,012	0,010	FALSE
0,040	0,313	0,001	0,010	0,037	FALSE
0,059	0,302	0,001	0,011	0,026	FALSE
-0,009	0,315	-0,001	0,012	0,015	FALSE
-0,130	0,311	-0,003	0,007	0,143	FALSE
-0,054	0,300	-0,003	0,012	0,100	FALSE
-0,039	0,301	-0,001	0,006	0,052	FALSE
0,134	0,304	0,003	0,007	0,149	FALSE
0,017	0,305	0,000	0,007	0,023	FALSE
-0,051	0,314	-0,002	0,013	0,069	FALSE
0,066	0,295	0,002	0,007	0,092	FALSE
0,009	0,308	0,000	0,010	0,012	FALSE
0,033	0,302	0,001	0,008	0,034	FALSE
-0,044	0,304	-0,002	0,009	0,092	FALSE
0,010	0,311	0,001	0,008	0,024	FALSE
0,111	0,309	0,003	0,007	0,166	FALSE
-0,083	0,304	-0,003	0,012	0,106	FALSE
0,056	0,296	0,001	0,008	0,066	FALSE
-0,042	0,318	0,000	0,007	0,017	FALSE
0,081	0,304	0,002	0,009	0,104	FALSE
0,065	0,319	0,002	0,013	0,056	FALSE
0,053	0,310	0,002	0,013	0,060	FALSE
0,067	0,302	0,003	0,012	0,078	FALSE
0,143	0,305	0,004	0,010	0,163	FALSE
0,173	0,293	0,005	0,011	0,211	FALSE
0,060	0,298	0,002	0,011	0,082	FALSE
0,152	0,303	0,003	0,006	0,192	FALSE
-0,166	0,307	-0,005	0,009	0,246	FALSE
-0,110	0,304	-0,002	0,007	0,122	FALSE
-0,052	0,302	-0,002	0,012	0,056	FALSE
-0,077	0,303	-0,001	0,006	0,086	FALSE
0,018	0,318	0,001	0,009	0,027	FALSE
0,000	0,311	0,000	0,010	0,017	FALSE

-0,137	0,319	-0,003	0,007	0,177	FALSE
0,019	0,308	0,001	0,011	0,041	FALSE
-0,030	0,314	0,000	0,010	0,007	FALSE
0,073	0,313	0,001	0,007	0,079	FALSE
0,076	0,304	0,002	0,011	0,084	FALSE
-0,117	0,308	-0,005	0,011	0,187	FALSE
0,087	0,296	0,003	0,008	0,121	FALSE
-0,009	0,308	0,000	0,009	0,000	FALSE
-0,030	0,311	-0,001	0,007	0,029	FALSE
0,089	0,296	0,002	0,006	0,107	FALSE
-0,053	0,300	-0,001	0,007	0,030	FALSE
-0,130	0,315	-0,007	0,013	0,223	FALSE
-0,122	0,311	-0,004	0,010	0,170	FALSE
-0,030	0,323	0,000	0,011	0,014	FALSE
0,061	0,296	0,002	0,006	0,110	FALSE
0,027	0,302	0,001	0,009	0,053	FALSE
0,080	0,313	0,002	0,013	0,067	FALSE
0,132	0,294	0,005	0,011	0,203	FALSE
0,022	0,307	0,000	0,008	0,003	FALSE
-0,094	0,323	-0,004	0,012	0,138	FALSE
-0,117	0,311	-0,003	0,009	0,151	FALSE
0,159	0,298	0,004	0,011	0,159	FALSE
-0,086	0,302	-0,001	0,008	0,067	FALSE
-0,100	0,308	-0,002	0,009	0,096	FALSE
-0,026	0,307	-0,001	0,008	0,031	FALSE
-0,071	0,306	-0,002	0,010	0,072	FALSE
-0,026	0,294	0,000	0,006	0,004	FALSE
-0,017	0,316	0,000	0,008	0,017	FALSE
-0,055	0,305	-0,001	0,013	0,030	FALSE
-0,051	0,311	-0,001	0,013	0,024	FALSE
0,005	0,308	0,001	0,010	0,038	FALSE
0,004	0,307	0,001	0,008	0,033	FALSE
-0,052	0,320	-0,001	0,009	0,032	FALSE
-0,026	0,309	0,000	0,008	0,005	FALSE
-0,028	0,304	0,000	0,008	0,002	FALSE
-0,037	0,300	-0,001	0,012	0,023	FALSE
0,010	0,319	0,000	0,009	0,008	FALSE
-0,171	0,294	-0,007	0,011	0,252	FALSE
0,011	0,309	0,001	0,010	0,041	FALSE
0,104	0,314	0,004	0,012	0,132	FALSE
0,102	0,303	0,004	0,011	0,138	FALSE
0,113	0,307	0,005	0,012	0,155	FALSE
-0,063	0,305	-0,001	0,007	0,070	FALSE
-0,009	0,316	-0,001	0,011	0,017	FALSE
-0,026	0,312	-0,002	0,012	0,052	FALSE
0,079	0,304	0,002	0,009	0,061	FALSE
0,043	0,302	0,001	0,009	0,057	FALSE
0,041	0,306	0,001	0,013	0,029	FALSE
0,062	0,302	0,002	0,010	0,072	FALSE
0,025	0,281	-0,001	0,011	0,017	FALSE
0,110	0,290	0,004	0,012	0,139	FALSE
0,124	0,308	0,003	0,008	0,159	FALSE
0,038	0,313	0,001	0,008	0,023	FALSE

0,062	0,294	0,002	0,009	0,076	FALSE
0,077	0,311	0,002	0,011	0,065	FALSE
0,084	0,309	0,002	0,012	0,074	FALSE
0,056	0,315	0,001	0,012	0,045	FALSE
0,105	0,315	0,002	0,007	0,135	FALSE
-0,075	0,314	-0,003	0,013	0,094	FALSE
-0,063	0,303	-0,003	0,013	0,083	FALSE
0,062	0,296	0,003	0,009	0,112	FALSE
0,017	0,292	0,000	0,008	0,003	FALSE
-0,025	0,319	-0,001	0,012	0,045	FALSE
0,060	0,306	0,002	0,008	0,083	FALSE
0,112	0,300	0,003	0,008	0,131	FALSE
0,047	0,295	0,001	0,007	0,052	FALSE
-0,011	0,309	-0,001	0,012	0,033	FALSE
-0,035	0,291	-0,001	0,006	0,044	FALSE
0,046	0,304	0,002	0,011	0,053	FALSE
0,080	0,295	0,003	0,008	0,135	FALSE
0,090	0,314	0,003	0,008	0,136	FALSE
-0,022	0,303	-0,001	0,008	0,024	FALSE
0,006	0,322	0,000	0,007	0,000	FALSE
-0,069	0,305	-0,001	0,008	0,063	FALSE
-0,067	0,311	-0,001	0,008	0,051	FALSE
-0,001	0,307	0,000	0,011	0,001	FALSE
0,091	0,313	0,003	0,007	0,146	FALSE
0,140	0,293	0,003	0,006	0,219	FALSE
-0,070	0,308	-0,002	0,007	0,077	FALSE
-0,033	0,312	-0,001	0,007	0,050	FALSE
-0,148	0,298	-0,004	0,008	0,211	FALSE
0,053	0,298	0,001	0,009	0,051	FALSE
0,085	0,296	0,001	0,008	0,055	FALSE
-0,166	0,315	-0,004	0,007	0,231	FALSE
0,017	0,310	0,000	0,012	0,005	FALSE
0,054	0,319	0,002	0,007	0,097	FALSE
0,100	0,290	0,003	0,010	0,125	FALSE
-0,130	0,313	-0,003	0,007	0,164	FALSE
0,028	0,305	0,001	0,008	0,023	FALSE
-0,100	0,322	-0,002	0,008	0,116	FALSE
-0,007	0,306	0,000	0,007	0,020	FALSE
0,119	0,307	0,004	0,010	0,141	FALSE
0,059	0,307	0,001	0,008	0,044	FALSE
-0,067	0,300	-0,002	0,010	0,092	FALSE
0,023	0,307	0,001	0,013	0,030	FALSE
0,023	0,306	0,001	0,013	0,023	FALSE
0,081	0,291	0,003	0,011	0,100	FALSE
-0,141	0,300	-0,005	0,010	0,225	FALSE
0,100	0,303	0,004	0,012	0,116	FALSE
0,090	0,307	0,004	0,012	0,120	FALSE
0,079	0,308	0,003	0,013	0,097	FALSE
0,042	0,326	0,002	0,007	0,079	FALSE
0,021	0,327	0,000	0,010	0,003	FALSE
0,076	0,312	0,003	0,009	0,107	FALSE
-0,102	0,302	-0,003	0,010	0,108	FALSE
-0,019	0,304	-0,001	0,011	0,043	FALSE

-0,088	0,277	-0,003	0,012	0,106	FALSE
0,031	0,319	0,001	0,013	0,028	FALSE
-0,120	0,296	-0,005	0,012	0,147	FALSE
0,039	0,294	0,001	0,012	0,021	FALSE
-0,078	0,316	-0,002	0,007	0,101	FALSE
0,023	0,309	0,000	0,011	0,009	FALSE
-0,111	0,303	-0,004	0,011	0,143	FALSE
-0,076	0,306	-0,003	0,011	0,105	FALSE
-0,036	0,315	-0,002	0,012	0,064	FALSE
-0,142	0,297	-0,004	0,008	0,194	FALSE
-0,026	0,311	-0,001	0,011	0,043	FALSE
-0,024	0,321	-0,001	0,012	0,046	FALSE
0,077	0,302	0,002	0,009	0,095	FALSE
-0,073	0,300	-0,003	0,010	0,108	FALSE
0,006	0,320	0,000	0,009	0,014	FALSE
0,103	0,322	0,003	0,010	0,126	FALSE
0,022	0,299	0,000	0,008	0,018	FALSE
-0,064	0,306	-0,002	0,007	0,099	FALSE
-0,106	0,313	-0,004	0,013	0,129	FALSE
-0,038	0,320	-0,001	0,012	0,035	FALSE
-0,015	0,317	0,000	0,012	0,000	FALSE
0,133	0,301	0,004	0,010	0,171	FALSE
-0,010	0,311	-0,001	0,013	0,024	FALSE
0,061	0,297	0,002	0,011	0,057	FALSE
0,016	0,299	0,001	0,008	0,028	FALSE
-0,045	0,319	-0,001	0,008	0,055	FALSE
0,041	0,311	0,002	0,010	0,069	FALSE
0,035	0,300	0,001	0,008	0,028	FALSE
-0,055	0,308	-0,002	0,009	0,069	FALSE
0,105	0,315	0,004	0,012	0,126	FALSE
-0,033	0,307	-0,001	0,013	0,041	FALSE
0,084	0,308	0,003	0,010	0,128	FALSE
0,076	0,305	0,002	0,008	0,101	FALSE
0,027	0,298	0,002	0,010	0,055	FALSE
0,130	0,290	0,004	0,009	0,189	FALSE
0,050	0,308	0,003	0,010	0,109	FALSE
-0,031	0,316	-0,001	0,009	0,035	FALSE
0,037	0,303	0,001	0,009	0,029	FALSE
-0,075	0,308	-0,003	0,011	0,086	FALSE
-0,065	0,311	-0,003	0,013	0,092	FALSE
-0,017	0,311	-0,001	0,010	0,021	FALSE
-0,091	0,299	-0,004	0,013	0,119	FALSE
0,170	0,294	0,007	0,012	0,231	FALSE
0,035	0,311	0,001	0,010	0,041	FALSE
0,023	0,294	0,001	0,009	0,031	FALSE
0,113	0,308	0,005	0,013	0,137	FALSE
0,045	0,300	0,001	0,009	0,047	FALSE
0,072	0,310	0,003	0,013	0,103	FALSE
0,091	0,290	0,004	0,012	0,136	FALSE
0,128	0,297	0,005	0,012	0,183	FALSE
0,034	0,297	0,001	0,009	0,058	FALSE
0,095	0,303	0,004	0,012	0,138	FALSE
0,135	0,297	0,004	0,009	0,169	FALSE

0,136	0,310	0,005	0,012	0,174	FALSE
0,080	0,318	0,003	0,010	0,099	FALSE
-0,035	0,312	0,000	0,006	0,012	FALSE
0,118	0,316	0,004	0,011	0,140	FALSE
-0,048	0,306	-0,001	0,007	0,052	FALSE
-0,052	0,317	-0,002	0,012	0,076	FALSE
0,020	0,305	0,001	0,012	0,019	FALSE
0,128	0,310	0,003	0,007	0,150	FALSE
-0,005	0,304	0,000	0,008	0,002	FALSE
0,026	0,312	0,001	0,010	0,023	FALSE
0,157	0,302	0,004	0,007	0,228	FALSE
-0,062	0,304	-0,002	0,009	0,080	FALSE
-0,064	0,305	-0,002	0,011	0,064	FALSE
-0,067	0,310	-0,003	0,013	0,079	FALSE
-0,040	0,306	-0,001	0,012	0,035	FALSE
0,043	0,310	0,002	0,009	0,084	FALSE
-0,203	0,290	-0,005	0,008	0,278	FALSE
-0,032	0,313	-0,001	0,008	0,063	FALSE
-0,017	0,300	0,000	0,008	0,023	FALSE
-0,044	0,307	-0,002	0,011	0,056	FALSE
-0,037	0,329	-0,002	0,012	0,049	FALSE
-0,047	0,313	-0,001	0,011	0,031	FALSE
0,004	0,303	0,001	0,007	0,024	FALSE
0,102	0,313	0,003	0,009	0,153	FALSE
0,013	0,308	0,001	0,011	0,036	FALSE
-0,063	0,307	-0,002	0,008	0,078	FALSE
0,053	0,304	0,002	0,010	0,066	FALSE
0,078	0,310	0,003	0,011	0,115	FALSE
-0,068	0,305	-0,004	0,012	0,124	FALSE
0,009	0,292	0,000	0,012	0,003	FALSE
0,065	0,301	0,002	0,007	0,095	FALSE
-0,007	0,322	0,000	0,011	0,001	FALSE
0,014	0,315	0,001	0,012	0,015	FALSE
-0,008	0,306	0,000	0,010	0,009	FALSE
0,051	0,307	0,002	0,013	0,057	FALSE
-0,119	0,310	-0,003	0,007	0,174	FALSE
-0,026	0,309	-0,001	0,008	0,027	FALSE
-0,029	0,318	-0,001	0,006	0,036	FALSE
-0,084	0,317	-0,002	0,010	0,095	FALSE
-0,051	0,312	-0,002	0,013	0,073	FALSE
0,014	0,311	0,000	0,007	0,010	FALSE
0,015	0,303	0,000	0,012	0,010	FALSE
0,031	0,303	0,001	0,008	0,043	FALSE
-0,017	0,307	-0,001	0,010	0,025	FALSE
0,013	0,314	0,000	0,009	0,007	FALSE
0,058	0,322	0,003	0,013	0,076	FALSE
0,263	0,297	0,009	0,010	0,436	TRUE
0,232	0,297	0,007	0,009	0,361	FALSE
0,216	0,299	0,006	0,008	0,338	FALSE
0,079	0,298	0,002	0,008	0,091	FALSE
0,171	0,305	0,005	0,008	0,236	FALSE
-0,094	0,309	-0,002	0,008	0,102	FALSE
-0,097	0,302	-0,002	0,007	0,135	FALSE

-0,083	0,298	-0,003	0,010	0,095	FALSE
-0,015	0,316	-0,001	0,007	0,032	FALSE
0,036	0,309	0,002	0,013	0,056	FALSE
0,024	0,301	0,001	0,012	0,040	FALSE
-0,002	0,323	0,001	0,013	0,020	FALSE
0,036	0,310	0,002	0,013	0,053	FALSE
-0,014	0,309	0,000	0,012	0,000	FALSE
-0,005	0,302	0,000	0,008	0,010	FALSE
0,040	0,293	0,002	0,012	0,076	FALSE
0,008	0,301	0,000	0,012	0,014	FALSE
-0,061	0,314	-0,001	0,008	0,069	FALSE
0,017	0,296	0,001	0,012	0,033	FALSE
-0,060	0,314	-0,001	0,007	0,076	FALSE
0,021	0,299	0,001	0,012	0,036	FALSE
-0,071	0,313	-0,002	0,010	0,089	FALSE
-0,055	0,307	-0,003	0,012	0,077	FALSE
-0,106	0,311	-0,002	0,007	0,132	FALSE
0,079	0,310	0,002	0,008	0,101	FALSE
-0,082	0,303	-0,005	0,012	0,168	FALSE
-0,060	0,304	-0,001	0,006	0,054	FALSE
-0,036	0,304	-0,002	0,013	0,061	FALSE
0,105	0,299	0,003	0,008	0,152	FALSE
0,015	0,309	0,001	0,012	0,017	FALSE
-0,020	0,309	-0,001	0,013	0,029	FALSE
0,061	0,305	0,002	0,010	0,060	FALSE
-0,102	0,308	-0,002	0,008	0,119	FALSE
0,066	0,314	0,002	0,011	0,063	FALSE
-0,050	0,315	-0,001	0,007	0,034	FALSE
-0,072	0,311	-0,001	0,007	0,068	FALSE
-0,031	0,320	0,000	0,007	0,008	FALSE
0,128	0,294	0,002	0,007	0,125	FALSE
0,146	0,304	0,005	0,009	0,219	FALSE
-0,081	0,306	-0,003	0,012	0,095	FALSE
-0,045	0,323	-0,002	0,013	0,055	FALSE
-0,054	0,310	-0,001	0,007	0,064	FALSE
-0,089	0,332	-0,003	0,009	0,124	FALSE
-0,008	0,312	-0,001	0,008	0,029	FALSE
0,220	0,289	0,009	0,013	0,338	FALSE
-0,050	0,313	-0,001	0,007	0,045	FALSE
-0,071	0,299	-0,003	0,013	0,079	FALSE
0,131	0,300	0,004	0,008	0,181	FALSE
0,129	0,300	0,003	0,008	0,155	FALSE
0,034	0,314	0,001	0,011	0,046	FALSE
0,091	0,322	0,004	0,011	0,130	FALSE
0,029	0,320	0,002	0,011	0,053	FALSE
-0,034	0,304	-0,001	0,009	0,045	FALSE
-0,137	0,304	-0,005	0,012	0,191	FALSE
0,019	0,315	0,000	0,010	0,013	FALSE
-0,033	0,308	-0,001	0,007	0,075	FALSE
0,002	0,302	0,001	0,010	0,020	FALSE
0,026	0,302	0,001	0,012	0,019	FALSE
-0,028	0,299	0,000	0,011	0,016	FALSE
0,003	0,303	0,000	0,011	0,007	FALSE

-0,026	0,302	-0,001	0,006	0,043	FALSE
0,021	0,310	0,001	0,009	0,039	FALSE
0,015	0,310	0,000	0,008	0,009	FALSE
0,044	0,299	0,003	0,012	0,082	FALSE
0,075	0,305	0,003	0,013	0,087	FALSE
0,100	0,302	0,004	0,013	0,125	FALSE
-0,009	0,310	0,001	0,012	0,017	FALSE
-0,015	0,310	0,001	0,012	0,018	FALSE
-0,060	0,306	-0,002	0,012	0,046	FALSE
0,057	0,307	0,002	0,009	0,067	FALSE
0,077	0,315	0,002	0,010	0,078	FALSE
-0,083	0,314	-0,003	0,013	0,082	FALSE
-0,030	0,303	-0,001	0,008	0,032	FALSE
-0,138	0,294	-0,005	0,011	0,193	FALSE
-0,104	0,307	-0,004	0,012	0,122	FALSE
-0,113	0,311	-0,004	0,013	0,141	FALSE
-0,089	0,303	-0,003	0,013	0,101	FALSE
-0,100	0,310	-0,004	0,012	0,125	FALSE
-0,074	0,287	-0,002	0,008	0,087	FALSE
0,107	0,312	0,005	0,011	0,181	FALSE
0,039	0,310	0,002	0,011	0,082	FALSE
0,034	0,311	0,002	0,011	0,066	FALSE
0,061	0,317	0,002	0,013	0,056	FALSE
0,035	0,309	0,001	0,007	0,066	FALSE
-0,004	0,303	0,000	0,006	0,017	FALSE
0,020	0,317	0,001	0,011	0,035	FALSE
-0,022	0,308	0,000	0,012	0,002	FALSE
0,011	0,308	0,001	0,010	0,036	FALSE
-0,043	0,317	-0,002	0,013	0,058	FALSE
0,020	0,310	0,000	0,009	0,011	FALSE
-0,010	0,299	-0,001	0,012	0,019	FALSE
0,008	0,305	0,000	0,012	0,000	FALSE
0,103	0,300	0,002	0,008	0,102	FALSE
-0,123	0,306	-0,002	0,006	0,144	FALSE
0,013	0,309	0,000	0,008	0,004	FALSE
0,079	0,313	0,002	0,008	0,121	FALSE
0,075	0,310	0,002	0,008	0,075	FALSE
-0,092	0,303	-0,003	0,009	0,141	FALSE
0,040	0,302	0,002	0,013	0,069	FALSE
0,043	0,288	0,003	0,012	0,076	FALSE
0,033	0,313	0,000	0,007	0,024	FALSE
-0,078	0,315	-0,003	0,012	0,090	FALSE
-0,048	0,320	-0,002	0,013	0,064	FALSE
0,009	0,292	0,001	0,008	0,024	FALSE
-0,026	0,306	-0,001	0,011	0,041	FALSE
-0,023	0,297	-0,001	0,011	0,045	FALSE
-0,027	0,300	-0,001	0,011	0,047	FALSE
0,018	0,318	0,001	0,013	0,018	FALSE
-0,001	0,313	0,000	0,011	0,007	FALSE
0,064	0,290	0,002	0,007	0,121	FALSE
-0,058	0,301	-0,003	0,013	0,096	FALSE
0,138	0,295	0,007	0,013	0,224	FALSE
0,126	0,284	0,006	0,012	0,207	FALSE

-0,110	0,302	-0,002	0,006	0,158	FALSE
0,070	0,326	0,003	0,013	0,092	FALSE
0,001	0,318	0,000	0,010	0,004	FALSE
0,010	0,317	0,001	0,013	0,015	FALSE
0,062	0,316	0,002	0,009	0,070	FALSE
0,046	0,298	0,002	0,009	0,074	FALSE
-0,123	0,308	-0,006	0,012	0,199	FALSE
-0,002	0,301	0,000	0,007	0,017	FALSE
0,036	0,305	0,001	0,010	0,038	FALSE
0,060	0,309	0,002	0,010	0,060	FALSE
-0,023	0,326	-0,001	0,010	0,020	FALSE
-0,024	0,314	-0,001	0,010	0,036	FALSE
0,029	0,300	0,001	0,007	0,031	FALSE
-0,064	0,308	-0,002	0,009	0,068	FALSE
0,135	0,295	0,003	0,007	0,187	FALSE
0,035	0,312	0,001	0,010	0,030	FALSE
-0,027	0,318	0,000	0,007	0,018	FALSE
0,129	0,306	0,003	0,006	0,177	FALSE
0,106	0,325	0,002	0,007	0,137	FALSE
-0,027	0,320	-0,001	0,009	0,023	FALSE
0,056	0,318	0,002	0,007	0,094	FALSE
-0,026	0,323	-0,001	0,007	0,028	FALSE
-0,090	0,306	-0,002	0,007	0,127	FALSE
-0,136	0,320	-0,005	0,011	0,185	FALSE
-0,106	0,325	-0,002	0,008	0,121	FALSE
-0,004	0,302	0,000	0,008	0,016	FALSE
-0,136	0,299	-0,006	0,013	0,180	FALSE
-0,043	0,314	-0,001	0,007	0,030	FALSE
0,061	0,311	0,002	0,008	0,092	FALSE
0,026	0,288	0,000	0,007	0,006	FALSE
0,006	0,306	0,001	0,009	0,033	FALSE
0,025	0,325	0,001	0,011	0,029	FALSE
-0,081	0,310	-0,002	0,009	0,084	FALSE
-0,063	0,319	-0,001	0,008	0,062	FALSE
-0,138	0,302	-0,005	0,009	0,223	FALSE
-0,041	0,297	-0,003	0,013	0,085	FALSE
0,063	0,306	0,003	0,012	0,084	FALSE
0,079	0,312	0,002	0,008	0,096	FALSE
-0,079	0,316	-0,002	0,007	0,087	FALSE
-0,166	0,306	-0,007	0,012	0,240	FALSE
0,198	0,299	0,008	0,012	0,301	FALSE
-0,005	0,313	0,000	0,013	0,011	FALSE
-0,023	0,310	-0,001	0,012	0,030	FALSE
-0,054	0,319	-0,002	0,011	0,069	FALSE
0,015	0,316	0,000	0,013	0,010	FALSE
0,022	0,316	0,000	0,013	0,002	FALSE
-0,107	0,317	-0,003	0,008	0,136	FALSE
0,120	0,299	0,003	0,009	0,142	FALSE
-0,033	0,313	-0,001	0,011	0,029	FALSE
0,003	0,303	0,000	0,010	0,016	FALSE
-0,065	0,313	-0,002	0,010	0,062	FALSE
-0,031	0,315	-0,001	0,011	0,033	FALSE
-0,129	0,306	-0,004	0,010	0,188	FALSE

-0,090	0,312	-0,004	0,011	0,141	FALSE
0,020	0,325	0,000	0,007	0,008	FALSE
-0,233	0,304	-0,011	0,013	0,379	FALSE
0,085	0,323	0,003	0,010	0,130	FALSE
-0,047	0,310	-0,001	0,008	0,048	FALSE
-0,020	0,301	0,000	0,006	0,003	FALSE
-0,031	0,306	-0,001	0,008	0,024	FALSE
-0,051	0,318	-0,001	0,008	0,043	FALSE
0,077	0,295	0,002	0,006	0,141	FALSE
-0,042	0,317	-0,001	0,008	0,037	FALSE
-0,022	0,310	-0,001	0,013	0,031	FALSE
-0,047	0,301	-0,002	0,013	0,063	FALSE
-0,057	0,317	-0,002	0,010	0,078	FALSE
-0,032	0,314	-0,001	0,013	0,032	FALSE
-0,078	0,305	-0,001	0,007	0,068	FALSE
0,142	0,307	0,005	0,012	0,185	FALSE
-0,037	0,308	-0,001	0,009	0,041	FALSE
-0,016	0,307	-0,001	0,009	0,041	FALSE
-0,012	0,309	-0,001	0,009	0,031	FALSE
0,006	0,315	0,000	0,007	0,001	FALSE
-0,075	0,295	-0,001	0,006	0,074	FALSE
-0,118	0,312	-0,003	0,007	0,152	FALSE
0,036	0,299	0,001	0,012	0,037	FALSE
0,119	0,309	0,005	0,011	0,166	FALSE
0,035	0,314	0,001	0,013	0,033	FALSE
0,032	0,311	0,001	0,010	0,019	FALSE
0,014	0,311	0,000	0,012	0,005	FALSE
-0,005	0,303	-0,001	0,011	0,028	FALSE
-0,019	0,309	-0,001	0,009	0,026	FALSE
-0,108	0,317	-0,004	0,013	0,136	FALSE
0,047	0,304	0,002	0,011	0,081	FALSE
-0,136	0,319	-0,004	0,008	0,203	FALSE
0,027	0,300	0,001	0,011	0,048	FALSE
0,154	0,305	0,007	0,013	0,228	FALSE
0,056	0,318	0,001	0,007	0,069	FALSE
-0,102	0,313	-0,003	0,008	0,137	FALSE
-0,066	0,325	-0,002	0,010	0,082	FALSE
-0,038	0,309	-0,001	0,009	0,042	FALSE
0,043	0,319	0,001	0,007	0,065	FALSE
-0,015	0,308	-0,001	0,009	0,051	FALSE
0,002	0,309	0,001	0,010	0,023	FALSE
0,078	0,315	0,004	0,013	0,131	FALSE
-0,059	0,315	-0,001	0,009	0,037	FALSE
0,082	0,305	0,004	0,011	0,126	FALSE
0,082	0,317	0,004	0,012	0,131	FALSE
0,044	0,309	0,002	0,013	0,062	FALSE
-0,125	0,302	-0,004	0,009	0,150	FALSE
0,020	0,311	0,000	0,007	0,014	FALSE
-0,089	0,312	-0,004	0,013	0,116	FALSE
-0,102	0,304	-0,003	0,008	0,160	FALSE
0,090	0,312	0,002	0,008	0,116	FALSE
0,049	0,305	0,001	0,007	0,062	FALSE
-0,073	0,302	-0,002	0,009	0,095	FALSE

-0,037	0,301	-0,001	0,008	0,054	FALSE
-0,050	0,302	-0,001	0,008	0,047	FALSE
0,169	0,300	0,004	0,007	0,255	FALSE
0,033	0,303	0,000	0,011	0,015	FALSE
0,035	0,318	0,001	0,010	0,039	FALSE
0,040	0,315	0,001	0,009	0,040	FALSE
0,035	0,311	0,002	0,012	0,048	FALSE
0,043	0,313	0,002	0,012	0,052	FALSE
0,046	0,307	0,002	0,012	0,065	FALSE
0,066	0,313	0,003	0,013	0,083	FALSE
-0,075	0,304	-0,003	0,011	0,103	FALSE
-0,071	0,302	-0,003	0,011	0,090	FALSE
0,089	0,309	0,004	0,010	0,162	FALSE
-0,054	0,315	-0,002	0,012	0,050	FALSE
0,051	0,320	0,002	0,013	0,067	FALSE
-0,169	0,304	-0,004	0,007	0,258	FALSE
0,132	0,318	0,004	0,010	0,178	FALSE
-0,032	0,313	-0,001	0,008	0,059	FALSE
0,006	0,300	0,000	0,011	0,005	FALSE
0,026	0,313	0,001	0,012	0,037	FALSE
0,047	0,305	0,003	0,010	0,105	FALSE
0,031	0,307	0,002	0,010	0,077	FALSE
0,034	0,291	0,000	0,009	0,013	FALSE
-0,101	0,307	-0,004	0,009	0,163	FALSE
0,049	0,308	0,001	0,009	0,032	FALSE
-0,149	0,310	-0,004	0,007	0,230	FALSE
-0,057	0,312	-0,001	0,012	0,041	FALSE
0,089	0,310	0,003	0,013	0,088	FALSE
0,020	0,305	0,000	0,007	0,025	FALSE
0,023	0,307	0,000	0,007	0,020	FALSE
0,120	0,295	0,005	0,012	0,170	FALSE
0,059	0,300	0,002	0,012	0,078	FALSE
0,045	0,311	0,001	0,009	0,046	FALSE
-0,098	0,300	-0,002	0,007	0,128	FALSE
-0,003	0,313	0,001	0,012	0,022	FALSE
0,061	0,290	0,002	0,008	0,082	FALSE
0,039	0,294	0,002	0,012	0,056	FALSE
0,023	0,300	0,001	0,008	0,044	FALSE
-0,100	0,301	-0,005	0,013	0,147	FALSE
-0,029	0,294	-0,002	0,012	0,058	FALSE
0,081	0,308	0,002	0,008	0,087	FALSE
0,041	0,319	0,001	0,011	0,045	FALSE
-0,015	0,288	-0,001	0,012	0,025	FALSE
0,040	0,305	0,002	0,009	0,062	FALSE
0,024	0,324	0,001	0,007	0,043	FALSE
0,026	0,307	0,001	0,009	0,044	FALSE
-0,161	0,301	-0,004	0,009	0,189	FALSE
-0,022	0,306	0,000	0,008	0,017	FALSE
0,041	0,319	0,001	0,008	0,064	FALSE
0,153	0,295	0,004	0,007	0,225	FALSE
-0,020	0,306	-0,002	0,013	0,044	FALSE
-0,024	0,300	0,000	0,012	0,004	FALSE
-0,066	0,309	-0,002	0,009	0,083	FALSE

0,077	0,324	0,002	0,010	0,076	FALSE
-0,063	0,302	-0,002	0,008	0,082	FALSE
-0,101	0,305	-0,005	0,013	0,140	FALSE
0,060	0,310	0,001	0,009	0,048	FALSE
0,025	0,307	0,001	0,012	0,038	FALSE
-0,050	0,308	-0,002	0,010	0,075	FALSE
0,030	0,306	0,002	0,008	0,077	FALSE
0,020	0,321	0,000	0,007	0,016	FALSE
-0,021	0,316	0,000	0,007	0,021	FALSE
0,107	0,298	0,003	0,009	0,134	FALSE
-0,023	0,313	-0,001	0,010	0,034	FALSE
-0,097	0,304	-0,004	0,012	0,131	FALSE
-0,077	0,305	-0,002	0,012	0,077	FALSE
-0,085	0,302	-0,004	0,013	0,140	FALSE
-0,057	0,302	-0,002	0,011	0,053	FALSE
-0,023	0,320	0,000	0,009	0,005	FALSE
0,078	0,318	0,003	0,012	0,100	FALSE
-0,088	0,318	-0,002	0,010	0,091	FALSE
0,023	0,314	0,000	0,009	0,008	FALSE
0,058	0,313	0,003	0,012	0,094	FALSE
0,054	0,306	0,001	0,009	0,039	FALSE
-0,010	0,319	0,000	0,013	0,004	FALSE
-0,049	0,317	-0,002	0,012	0,070	FALSE
-0,171	0,291	-0,004	0,007	0,265	FALSE
0,106	0,293	0,003	0,008	0,160	FALSE
0,080	0,313	0,002	0,010	0,082	FALSE
0,080	0,312	0,002	0,008	0,117	FALSE
-0,010	0,316	-0,001	0,009	0,043	FALSE
-0,017	0,305	-0,001	0,009	0,047	FALSE
0,081	0,308	0,002	0,007	0,093	FALSE
-0,039	0,302	-0,001	0,012	0,040	FALSE
-0,124	0,303	-0,003	0,009	0,146	FALSE
0,026	0,304	0,001	0,007	0,035	FALSE
0,102	0,314	0,004	0,013	0,115	FALSE
-0,041	0,315	-0,001	0,008	0,053	FALSE
0,037	0,309	0,002	0,012	0,047	FALSE
0,068	0,312	0,002	0,010	0,090	FALSE
-0,022	0,297	0,000	0,009	0,005	FALSE
-0,021	0,308	0,000	0,010	0,017	FALSE
-0,008	0,301	0,000	0,010	0,001	FALSE
0,009	0,303	0,001	0,009	0,022	FALSE
0,035	0,303	0,001	0,011	0,029	FALSE
-0,033	0,311	-0,002	0,013	0,068	FALSE
-0,115	0,308	-0,003	0,009	0,152	FALSE
0,005	0,309	0,000	0,006	0,002	FALSE
-0,069	0,304	-0,002	0,006	0,093	FALSE
-0,049	0,303	0,000	0,010	0,018	FALSE
-0,066	0,304	-0,001	0,009	0,053	FALSE
-0,074	0,314	-0,003	0,011	0,107	FALSE
-0,179	0,304	-0,005	0,008	0,265	FALSE
-0,061	0,306	-0,002	0,010	0,083	FALSE
-0,070	0,298	-0,003	0,009	0,115	FALSE
-0,056	0,311	-0,002	0,010	0,076	FALSE

0,006	0,304	0,001	0,007	0,030	FALSE
-0,007	0,314	0,000	0,008	0,013	FALSE
-0,025	0,308	-0,001	0,007	0,029	FALSE
-0,002	0,325	0,000	0,012	0,007	FALSE
0,031	0,308	0,002	0,012	0,064	FALSE
0,115	0,301	0,003	0,008	0,158	FALSE
-0,118	0,307	-0,006	0,013	0,177	FALSE
-0,003	0,316	0,000	0,013	0,010	FALSE
-0,021	0,308	0,000	0,013	0,010	FALSE
0,014	0,319	0,001	0,013	0,026	FALSE
-0,008	0,312	0,000	0,013	0,006	FALSE
-0,011	0,305	0,000	0,006	0,008	FALSE
-0,007	0,304	0,000	0,012	0,009	FALSE
-0,075	0,303	-0,001	0,007	0,084	FALSE
0,205	0,299	0,008	0,012	0,292	FALSE
0,004	0,324	0,001	0,010	0,020	FALSE
-0,100	0,316	-0,003	0,010	0,112	FALSE
-0,167	0,304	-0,007	0,012	0,233	FALSE
-0,054	0,325	-0,001	0,012	0,045	FALSE
-0,055	0,303	-0,001	0,007	0,056	FALSE
-0,022	0,308	0,000	0,007	0,015	FALSE
0,009	0,317	0,000	0,012	0,008	FALSE
0,132	0,296	0,003	0,007	0,183	FALSE
0,087	0,311	0,003	0,011	0,116	FALSE
-0,043	0,310	-0,002	0,011	0,063	FALSE
0,101	0,317	0,003	0,010	0,132	FALSE
0,018	0,320	0,000	0,008	0,012	FALSE
0,071	0,309	0,002	0,008	0,100	FALSE
-0,063	0,320	-0,002	0,007	0,095	FALSE
-0,045	0,303	-0,001	0,007	0,064	FALSE
-0,186	0,303	-0,004	0,006	0,271	FALSE
-0,068	0,305	-0,001	0,007	0,070	FALSE
-0,165	0,291	-0,004	0,006	0,240	FALSE
0,099	0,287	0,005	0,012	0,149	FALSE
0,038	0,312	0,001	0,009	0,033	FALSE
-0,088	0,309	-0,003	0,010	0,106	FALSE
-0,121	0,301	-0,003	0,009	0,125	FALSE
-0,162	0,298	-0,004	0,006	0,234	FALSE
-0,205	0,308	-0,009	0,013	0,305	FALSE
-0,224	0,308	-0,009	0,013	0,329	FALSE
-0,153	0,300	-0,003	0,006	0,194	FALSE
-0,055	0,301	-0,002	0,013	0,070	FALSE
-0,005	0,309	0,000	0,012	0,001	FALSE
0,145	0,305	0,005	0,009	0,211	FALSE
-0,014	0,296	-0,001	0,012	0,015	FALSE
-0,012	0,297	0,000	0,012	0,012	FALSE
-0,014	0,307	-0,001	0,012	0,018	FALSE
-0,027	0,297	-0,001	0,011	0,019	FALSE
-0,080	0,298	-0,002	0,007	0,089	FALSE
-0,024	0,306	-0,001	0,012	0,015	FALSE
0,014	0,303	0,000	0,011	0,001	FALSE
-0,089	0,306	-0,002	0,007	0,122	FALSE
0,048	0,316	0,002	0,009	0,075	FALSE

0,098	0,301	0,003	0,009	0,132	FALSE
0,017	0,311	0,000	0,011	0,004	FALSE
-0,116	0,295	-0,003	0,007	0,160	FALSE
-0,039	0,297	-0,002	0,011	0,084	FALSE
-0,017	0,318	-0,002	0,012	0,049	FALSE
-0,084	0,309	-0,004	0,013	0,128	FALSE
0,028	0,314	0,001	0,013	0,022	FALSE
-0,025	0,303	0,000	0,007	0,024	FALSE
0,030	0,315	0,001	0,010	0,041	FALSE
0,073	0,303	0,002	0,008	0,090	FALSE
-0,001	0,302	-0,001	0,012	0,016	FALSE
0,076	0,304	0,003	0,011	0,123	FALSE
-0,053	0,294	-0,001	0,007	0,048	FALSE
0,028	0,316	0,000	0,010	0,009	FALSE
0,023	0,313	0,000	0,010	0,003	FALSE
0,053	0,311	0,003	0,012	0,084	FALSE
0,049	0,313	0,003	0,013	0,078	FALSE
0,042	0,311	0,001	0,011	0,030	FALSE
0,000	0,309	0,000	0,008	0,022	FALSE
-0,039	0,312	-0,001	0,007	0,031	FALSE
0,077	0,315	0,004	0,013	0,107	FALSE
0,024	0,308	0,001	0,012	0,024	FALSE
0,035	0,308	0,001	0,012	0,032	FALSE
0,120	0,301	0,004	0,010	0,148	FALSE
0,029	0,303	0,001	0,012	0,041	FALSE
0,067	0,306	0,003	0,012	0,092	FALSE
-0,062	0,306	-0,002	0,007	0,078	FALSE
0,117	0,312	0,003	0,007	0,143	FALSE
0,203	0,303	0,004	0,006	0,296	FALSE
0,049	0,309	0,001	0,010	0,050	FALSE
-0,053	0,309	-0,002	0,008	0,087	FALSE
-0,045	0,304	-0,002	0,008	0,078	FALSE
-0,037	0,307	-0,002	0,008	0,069	FALSE
-0,081	0,319	-0,002	0,007	0,109	FALSE
-0,030	0,299	-0,001	0,008	0,049	FALSE
-0,010	0,310	0,000	0,009	0,002	FALSE
0,065	0,313	0,002	0,010	0,065	FALSE
0,105	0,314	0,002	0,006	0,135	FALSE
0,049	0,317	0,001	0,007	0,067	FALSE
0,088	0,303	0,002	0,007	0,086	FALSE
0,129	0,298	0,002	0,006	0,168	FALSE
-0,006	0,314	0,000	0,008	0,006	FALSE
-0,034	0,294	-0,002	0,012	0,055	FALSE
0,063	0,297	0,002	0,007	0,095	FALSE
0,077	0,306	0,003	0,010	0,135	FALSE
0,075	0,309	0,003	0,011	0,092	FALSE
-0,030	0,305	-0,001	0,013	0,039	FALSE
0,039	0,302	0,001	0,007	0,033	FALSE
0,064	0,313	0,002	0,007	0,109	FALSE
0,063	0,309	0,002	0,009	0,079	FALSE
-0,040	0,305	-0,001	0,013	0,036	FALSE
0,034	0,312	0,001	0,011	0,035	FALSE
0,002	0,308	0,000	0,012	0,002	FALSE

0,043	0,303	0,002	0,009	0,066	FALSE
-0,035	0,313	-0,001	0,007	0,038	FALSE
-0,075	0,310	-0,002	0,006	0,119	FALSE
0,066	0,303	0,003	0,009	0,115	FALSE
0,043	0,297	0,001	0,008	0,060	FALSE
-0,188	0,302	-0,004	0,006	0,251	FALSE
0,049	0,324	0,001	0,013	0,040	FALSE
0,030	0,311	0,001	0,006	0,034	FALSE
0,067	0,312	0,002	0,010	0,092	FALSE
-0,011	0,311	-0,001	0,011	0,019	FALSE
-0,034	0,306	-0,001	0,007	0,032	FALSE
0,026	0,311	0,001	0,007	0,039	FALSE
0,036	0,302	0,001	0,012	0,023	FALSE
0,037	0,307	0,001	0,007	0,034	FALSE
-0,055	0,321	-0,002	0,009	0,068	FALSE
0,049	0,323	0,001	0,007	0,045	FALSE
-0,065	0,317	-0,002	0,011	0,078	FALSE
-0,080	0,304	-0,002	0,010	0,088	FALSE
-0,040	0,320	-0,001	0,010	0,046	FALSE
-0,047	0,311	-0,001	0,009	0,052	FALSE
0,161	0,292	0,005	0,008	0,279	FALSE
0,152	0,299	0,004	0,007	0,238	FALSE
-0,027	0,303	-0,001	0,010	0,019	FALSE
-0,012	0,303	0,000	0,008	0,002	FALSE
-0,053	0,304	-0,002	0,008	0,082	FALSE
-0,043	0,287	-0,001	0,009	0,032	FALSE
0,006	0,301	0,000	0,010	0,001	FALSE
-0,052	0,295	-0,002	0,008	0,124	FALSE
0,140	0,315	0,006	0,012	0,196	FALSE
-0,017	0,300	-0,001	0,011	0,042	FALSE
0,185	0,293	0,004	0,008	0,246	FALSE
-0,026	0,299	-0,002	0,012	0,069	FALSE
-0,012	0,306	-0,002	0,012	0,047	FALSE
-0,090	0,313	-0,002	0,008	0,088	FALSE
-0,113	0,307	-0,005	0,013	0,166	FALSE
-0,001	0,304	0,000	0,010	0,015	FALSE
-0,025	0,298	0,000	0,011	0,012	FALSE
-0,031	0,306	-0,001	0,011	0,036	FALSE
-0,058	0,311	-0,002	0,010	0,063	FALSE
-0,036	0,310	-0,001	0,011	0,021	FALSE
0,102	0,315	0,003	0,010	0,146	FALSE
-0,053	0,306	-0,001	0,009	0,062	FALSE
-0,134	0,302	-0,005	0,009	0,215	FALSE
-0,059	0,318	-0,001	0,011	0,045	FALSE
-0,014	0,291	0,000	0,008	0,009	FALSE
-0,046	0,305	-0,001	0,009	0,030	FALSE
-0,008	0,299	0,000	0,008	0,011	FALSE
-0,224	0,285	-0,010	0,012	0,380	FALSE
-0,016	0,297	0,000	0,007	0,012	FALSE
-0,085	0,300	-0,004	0,010	0,147	FALSE
-0,092	0,305	-0,003	0,009	0,143	FALSE
-0,067	0,311	-0,001	0,007	0,076	FALSE
-0,088	0,295	-0,003	0,007	0,136	FALSE

0,035	0,319	0,000	0,010	0,013	FALSE
-0,128	0,314	-0,003	0,007	0,171	FALSE
-0,142	0,318	-0,005	0,011	0,209	FALSE
-0,013	0,307	0,000	0,007	0,008	FALSE
-0,011	0,311	0,000	0,008	0,014	FALSE
0,008	0,294	0,000	0,011	0,011	FALSE
-0,103	0,309	-0,005	0,012	0,155	FALSE
-0,069	0,294	-0,003	0,012	0,103	FALSE
-0,014	0,305	-0,001	0,011	0,045	FALSE
-0,050	0,318	-0,002	0,010	0,068	FALSE
-0,132	0,326	-0,003	0,006	0,167	FALSE
0,159	0,299	0,004	0,008	0,214	FALSE
-0,082	0,289	-0,003	0,011	0,122	FALSE
-0,054	0,312	-0,002	0,009	0,072	FALSE
0,024	0,300	0,001	0,010	0,022	FALSE
0,040	0,307	0,001	0,008	0,044	FALSE
-0,093	0,316	-0,002	0,007	0,109	FALSE
-0,018	0,309	0,000	0,008	0,016	FALSE
-0,004	0,321	0,000	0,009	0,010	FALSE
0,054	0,317	0,002	0,010	0,073	FALSE
0,040	0,309	0,001	0,007	0,084	FALSE
0,113	0,311	0,003	0,007	0,177	FALSE
-0,053	0,290	-0,002	0,011	0,086	FALSE
0,010	0,311	0,001	0,007	0,026	FALSE
0,004	0,310	0,000	0,009	0,018	FALSE
-0,059	0,299	-0,002	0,008	0,082	FALSE
-0,067	0,313	-0,003	0,013	0,083	FALSE
-0,053	0,309	-0,002	0,012	0,069	FALSE
0,167	0,318	0,007	0,012	0,235	FALSE
-0,019	0,318	-0,001	0,009	0,037	FALSE
-0,093	0,323	-0,002	0,008	0,105	FALSE
-0,085	0,312	-0,002	0,007	0,086	FALSE
0,127	0,300	0,005	0,011	0,193	FALSE
0,101	0,301	0,004	0,012	0,147	FALSE
0,156	0,313	0,006	0,011	0,239	FALSE
0,060	0,291	0,001	0,011	0,038	FALSE
-0,059	0,313	-0,002	0,011	0,059	FALSE
-0,080	0,301	-0,003	0,010	0,132	FALSE
-0,044	0,332	-0,002	0,010	0,085	FALSE
0,024	0,310	0,001	0,013	0,014	FALSE
0,025	0,318	0,001	0,012	0,044	FALSE
0,031	0,308	0,000	0,007	0,010	FALSE
0,043	0,316	0,002	0,012	0,049	FALSE
0,111	0,291	0,004	0,011	0,137	FALSE
-0,042	0,310	-0,002	0,012	0,066	FALSE
-0,107	0,309	-0,003	0,011	0,096	FALSE
-0,023	0,305	-0,001	0,008	0,044	FALSE
-0,092	0,315	-0,002	0,009	0,092	FALSE
-0,003	0,306	0,000	0,006	0,022	FALSE
-0,003	0,306	0,001	0,007	0,038	FALSE
0,019	0,300	0,001	0,011	0,046	FALSE
-0,026	0,313	0,000	0,009	0,018	FALSE
0,103	0,311	0,002	0,009	0,106	FALSE

0,086	0,321	0,003	0,009	0,129	FALSE
0,067	0,313	0,002	0,009	0,103	FALSE
0,061	0,311	0,003	0,012	0,080	FALSE
-0,045	0,321	-0,001	0,007	0,064	FALSE
-0,063	0,315	-0,002	0,007	0,091	FALSE
-0,098	0,305	-0,002	0,007	0,111	FALSE
-0,040	0,305	-0,001	0,009	0,037	FALSE
-0,001	0,311	0,000	0,009	0,002	FALSE
-0,091	0,310	-0,003	0,009	0,106	FALSE
-0,103	0,301	-0,003	0,010	0,099	FALSE
0,079	0,297	0,003	0,011	0,108	FALSE
0,018	0,314	0,001	0,007	0,036	FALSE
0,081	0,317	0,003	0,011	0,108	FALSE
-0,043	0,312	-0,001	0,009	0,051	FALSE
-0,016	0,298	-0,001	0,013	0,026	FALSE
-0,024	0,314	-0,001	0,007	0,025	FALSE
-0,064	0,306	-0,003	0,013	0,107	FALSE
-0,073	0,303	-0,003	0,013	0,101	FALSE
-0,059	0,308	-0,002	0,012	0,063	FALSE
0,063	0,312	0,002	0,010	0,092	FALSE
0,014	0,316	0,001	0,011	0,021	FALSE
-0,017	0,311	-0,001	0,011	0,019	FALSE
-0,042	0,311	-0,001	0,009	0,037	FALSE
-0,035	0,298	-0,002	0,012	0,054	FALSE
-0,073	0,319	-0,002	0,008	0,098	FALSE
0,055	0,311	0,001	0,007	0,072	FALSE
-0,075	0,321	-0,003	0,013	0,103	FALSE
-0,013	0,301	0,000	0,007	0,003	FALSE
0,016	0,301	0,000	0,007	0,017	FALSE
0,008	0,319	0,000	0,009	0,015	FALSE
-0,051	0,298	-0,001	0,012	0,036	FALSE
-0,036	0,304	-0,001	0,007	0,042	FALSE
-0,010	0,310	0,000	0,013	0,009	FALSE
-0,104	0,310	-0,004	0,011	0,149	FALSE
-0,054	0,304	-0,002	0,012	0,066	FALSE
-0,012	0,310	0,000	0,012	0,004	FALSE
-0,028	0,301	-0,002	0,010	0,059	FALSE
-0,089	0,324	-0,002	0,007	0,113	FALSE
-0,064	0,303	-0,002	0,013	0,070	FALSE
-0,058	0,313	-0,003	0,011	0,091	FALSE
-0,007	0,314	0,000	0,011	0,011	FALSE
-0,090	0,291	-0,002	0,011	0,081	FALSE
0,100	0,301	0,004	0,012	0,126	FALSE
-0,093	0,300	-0,002	0,007	0,092	FALSE
-0,034	0,313	-0,001	0,007	0,043	FALSE
-0,002	0,299	-0,001	0,010	0,020	FALSE
-0,027	0,320	-0,001	0,007	0,038	FALSE
-0,027	0,311	-0,001	0,009	0,026	FALSE
-0,031	0,308	-0,001	0,012	0,032	FALSE
0,047	0,292	0,002	0,011	0,054	FALSE
0,000	0,315	0,000	0,008	0,005	FALSE
0,005	0,317	0,000	0,008	0,009	FALSE
0,186	0,298	0,006	0,011	0,245	FALSE

0,159	0,293	0,005	0,011	0,197	FALSE
-0,054	0,319	-0,002	0,013	0,050	FALSE
0,185	0,301	0,006	0,010	0,249	FALSE
-0,076	0,309	-0,002	0,008	0,092	FALSE
0,175	0,282	0,006	0,010	0,269	FALSE
0,005	0,311	0,001	0,013	0,019	FALSE
-0,112	0,308	-0,003	0,008	0,149	FALSE
0,171	0,290	0,004	0,007	0,255	FALSE
-0,022	0,312	-0,001	0,010	0,027	FALSE
0,010	0,310	0,000	0,011	0,005	FALSE
-0,017	0,312	-0,001	0,011	0,018	FALSE
-0,031	0,327	-0,001	0,012	0,036	FALSE
0,062	0,318	0,002	0,009	0,080	FALSE
0,134	0,297	0,003	0,007	0,175	FALSE
-0,056	0,298	-0,001	0,009	0,049	FALSE
0,052	0,305	0,002	0,007	0,080	FALSE
-0,039	0,299	0,000	0,008	0,017	FALSE
0,194	0,320	0,006	0,010	0,259	FALSE
0,239	0,276	0,009	0,011	0,383	FALSE
0,043	0,311	0,001	0,008	0,027	FALSE
0,000	0,304	0,000	0,009	0,009	FALSE
-0,108	0,300	-0,004	0,011	0,153	FALSE
0,029	0,295	0,001	0,011	0,028	FALSE
0,106	0,310	0,005	0,013	0,141	FALSE
0,055	0,308	0,001	0,007	0,067	FALSE
-0,021	0,306	0,000	0,007	0,004	FALSE
-0,104	0,304	-0,003	0,010	0,123	FALSE
-0,122	0,294	-0,004	0,010	0,178	FALSE
-0,003	0,289	0,001	0,006	0,035	FALSE
0,004	0,317	0,000	0,013	0,003	FALSE
-0,003	0,308	0,000	0,012	0,006	FALSE
0,008	0,308	0,000	0,013	0,010	FALSE
0,024	0,304	0,001	0,007	0,057	FALSE
-0,034	0,317	-0,002	0,013	0,046	FALSE
-0,008	0,317	-0,001	0,013	0,016	FALSE
-0,014	0,307	-0,001	0,013	0,018	FALSE
-0,001	0,312	0,000	0,013	0,003	FALSE
0,007	0,310	0,000	0,013	0,000	FALSE
0,010	0,324	0,000	0,013	0,002	FALSE
-0,009	0,319	0,000	0,013	0,009	FALSE
0,003	0,319	0,000	0,013	0,000	FALSE
-0,003	0,333	0,000	0,014	0,012	FALSE
-0,008	0,316	0,000	0,013	0,006	FALSE
0,016	0,313	0,000	0,013	0,006	FALSE
-0,007	0,306	0,000	0,012	0,013	FALSE
0,012	0,314	0,000	0,013	0,006	FALSE
0,002	0,319	0,000	0,013	0,004	FALSE
-0,007	0,329	0,000	0,013	0,012	FALSE
-0,012	0,310	0,000	0,012	0,013	FALSE
-0,014	0,322	0,000	0,013	0,008	FALSE
0,010	0,325	0,001	0,013	0,023	FALSE
0,012	0,316	0,001	0,013	0,021	FALSE
-0,001	0,321	0,000	0,013	0,002	FALSE

0,179	0,299	0,003	0,006	0,223	FALSE
-0,021	0,308	0,000	0,009	0,016	FALSE
0,044	0,309	0,001	0,007	0,064	FALSE
-0,005	0,312	0,000	0,013	0,008	FALSE
0,041	0,300	0,002	0,009	0,067	FALSE
-0,116	0,306	-0,004	0,011	0,162	FALSE
0,056	0,309	0,001	0,006	0,073	FALSE
0,046	0,328	0,001	0,008	0,065	FALSE
-0,012	0,315	0,000	0,009	0,014	FALSE
-0,196	0,299	-0,009	0,012	0,333	FALSE
-0,025	0,297	0,000	0,010	0,012	FALSE
0,055	0,308	0,001	0,008	0,050	FALSE
0,010	0,297	0,001	0,006	0,034	FALSE
-0,168	0,295	-0,006	0,011	0,219	FALSE
0,027	0,307	0,001	0,009	0,034	FALSE
0,060	0,305	0,002	0,007	0,107	FALSE
-0,072	0,321	-0,002	0,011	0,080	FALSE
0,035	0,311	0,001	0,012	0,034	FALSE
0,015	0,305	0,001	0,013	0,019	FALSE
-0,006	0,304	0,000	0,012	0,012	FALSE
0,023	0,324	0,001	0,013	0,024	FALSE
0,036	0,306	0,001	0,012	0,035	FALSE
0,148	0,307	0,004	0,008	0,189	FALSE
-0,005	0,314	0,000	0,009	0,009	FALSE
-0,010	0,313	-0,001	0,013	0,025	FALSE
-0,037	0,296	-0,001	0,009	0,058	FALSE
0,131	0,319	0,003	0,008	0,168	FALSE
0,033	0,315	0,001	0,013	0,038	FALSE
-0,009	0,309	0,000	0,013	0,013	FALSE
-0,009	0,327	-0,001	0,013	0,021	FALSE
-0,026	0,319	-0,001	0,013	0,024	FALSE
-0,010	0,325	0,000	0,013	0,011	FALSE
-0,023	0,326	-0,001	0,013	0,026	FALSE
-0,010	0,315	0,000	0,013	0,010	FALSE
-0,001	0,308	0,000	0,013	0,004	FALSE
0,035	0,315	0,001	0,013	0,039	FALSE
-0,013	0,327	0,000	0,013	0,008	FALSE
0,003	0,314	0,000	0,013	0,001	FALSE
-0,001	0,319	0,000	0,013	0,000	FALSE
0,001	0,318	0,000	0,013	0,002	FALSE
-0,001	0,303	0,000	0,007	0,011	FALSE
-0,066	0,309	-0,002	0,007	0,088	FALSE
-0,038	0,300	0,000	0,007	0,011	FALSE
-0,034	0,318	-0,001	0,010	0,020	FALSE
-0,046	0,301	-0,002	0,012	0,044	FALSE
0,104	0,305	0,003	0,010	0,141	FALSE
0,037	0,316	0,001	0,011	0,043	FALSE
-0,032	0,307	-0,001	0,007	0,034	FALSE
0,042	0,303	0,001	0,008	0,034	FALSE
-0,020	0,300	0,000	0,012	0,012	FALSE
0,097	0,305	0,003	0,009	0,120	FALSE
0,072	0,305	0,005	0,012	0,147	FALSE
0,111	0,307	0,003	0,008	0,148	FALSE

-0,011	0,318	0,000	0,009	0,009	FALSE
-0,045	0,303	-0,001	0,008	0,023	FALSE
0,111	0,308	0,004	0,012	0,116	FALSE
-0,023	0,312	-0,001	0,008	0,062	FALSE
-0,049	0,307	-0,002	0,008	0,102	FALSE
-0,007	0,321	0,000	0,007	0,000	FALSE
-0,004	0,302	0,000	0,007	0,009	FALSE
0,178	0,302	0,006	0,011	0,202	FALSE
0,230	0,294	0,009	0,012	0,319	FALSE
0,019	0,301	0,001	0,007	0,039	FALSE
-0,131	0,325	-0,006	0,013	0,189	FALSE
0,080	0,303	0,002	0,011	0,078	FALSE
-0,124	0,320	-0,003	0,007	0,157	FALSE
-0,062	0,307	-0,001	0,008	0,047	FALSE
-0,024	0,295	-0,001	0,009	0,022	FALSE
-0,098	0,305	-0,003	0,008	0,151	FALSE
-0,046	0,298	-0,003	0,013	0,074	FALSE
-0,010	0,309	0,000	0,011	0,004	FALSE
0,064	0,300	0,000	0,006	0,025	FALSE
0,028	0,311	0,001	0,009	0,024	FALSE
0,003	0,308	-0,001	0,012	0,023	FALSE
-0,051	0,318	-0,001	0,008	0,064	FALSE
0,106	0,309	0,004	0,012	0,120	FALSE
0,050	0,311	0,002	0,010	0,068	FALSE
-0,065	0,323	-0,002	0,011	0,076	FALSE
0,012	0,310	-0,001	0,013	0,019	FALSE
-0,009	0,311	-0,001	0,013	0,029	FALSE
-0,046	0,319	-0,002	0,013	0,065	FALSE
0,131	0,294	0,003	0,006	0,213	FALSE
0,037	0,298	0,002	0,009	0,091	FALSE
0,019	0,330	0,002	0,013	0,045	FALSE
0,052	0,315	0,002	0,011	0,053	FALSE
0,041	0,305	0,001	0,012	0,044	FALSE
0,055	0,316	0,001	0,010	0,056	FALSE
-0,071	0,305	-0,003	0,010	0,092	FALSE
-0,063	0,314	-0,003	0,013	0,085	FALSE
-0,013	0,324	0,000	0,009	0,000	FALSE
0,029	0,307	0,001	0,007	0,028	FALSE
0,034	0,317	0,001	0,008	0,037	FALSE
0,009	0,305	0,000	0,008	0,008	FALSE
-0,014	0,307	-0,001	0,008	0,033	FALSE
-0,050	0,301	-0,002	0,012	0,074	FALSE
0,074	0,301	0,003	0,010	0,110	FALSE
0,025	0,313	0,001	0,013	0,038	FALSE
0,053	0,313	0,002	0,011	0,079	FALSE
0,061	0,303	0,003	0,010	0,106	FALSE
-0,095	0,317	-0,004	0,011	0,153	FALSE
0,035	0,319	0,002	0,011	0,052	FALSE
0,046	0,306	0,002	0,010	0,068	FALSE
0,086	0,313	0,003	0,011	0,122	FALSE
-0,006	0,314	0,000	0,013	0,000	FALSE
0,105	0,306	0,002	0,006	0,164	FALSE
0,046	0,313	0,002	0,011	0,063	FALSE

0,025	0,307	0,001	0,011	0,041	FALSE
0,036	0,288	0,002	0,010	0,058	FALSE
0,056	0,304	0,002	0,010	0,082	FALSE
0,099	0,306	0,004	0,012	0,116	FALSE
0,043	0,312	0,002	0,012	0,047	FALSE
-0,146	0,296	-0,006	0,011	0,212	FALSE
-0,076	0,310	-0,002	0,008	0,094	FALSE
-0,105	0,299	-0,003	0,007	0,139	FALSE
-0,048	0,311	-0,002	0,013	0,059	FALSE
0,009	0,308	0,000	0,008	0,014	FALSE
-0,002	0,315	0,000	0,008	0,006	FALSE
-0,037	0,316	-0,001	0,007	0,044	FALSE
-0,014	0,295	-0,001	0,012	0,028	FALSE
0,062	0,294	0,001	0,009	0,056	FALSE
-0,003	0,299	0,001	0,012	0,021	FALSE
-0,118	0,315	-0,003	0,007	0,148	FALSE
0,014	0,314	0,000	0,009	0,015	FALSE
0,078	0,302	0,003	0,012	0,103	FALSE
-0,058	0,302	-0,002	0,009	0,087	FALSE
0,030	0,304	0,001	0,009	0,052	FALSE
-0,059	0,315	-0,002	0,011	0,058	FALSE
-0,041	0,303	-0,001	0,011	0,043	FALSE
-0,074	0,311	-0,002	0,012	0,079	FALSE
0,012	0,322	0,000	0,008	0,009	FALSE
-0,019	0,307	-0,001	0,013	0,036	FALSE
-0,004	0,303	0,000	0,006	0,017	FALSE
-0,104	0,317	-0,002	0,007	0,121	FALSE
0,012	0,312	0,001	0,012	0,026	FALSE
0,091	0,312	0,002	0,007	0,099	FALSE
-0,061	0,304	-0,001	0,007	0,077	FALSE
0,049	0,310	0,001	0,012	0,030	FALSE
-0,035	0,295	-0,002	0,010	0,085	FALSE
-0,101	0,294	-0,002	0,008	0,098	FALSE
-0,007	0,301	-0,001	0,008	0,027	FALSE
-0,065	0,305	-0,002	0,008	0,089	FALSE
-0,074	0,296	-0,002	0,010	0,060	FALSE
0,026	0,302	0,000	0,010	0,007	FALSE
0,095	0,307	0,002	0,007	0,091	FALSE
0,025	0,300	0,002	0,008	0,071	FALSE
-0,098	0,315	-0,002	0,007	0,120	FALSE
0,011	0,301	0,000	0,012	0,006	FALSE
-0,014	0,306	-0,001	0,011	0,017	FALSE
-0,006	0,306	0,000	0,009	0,002	FALSE
0,072	0,308	0,002	0,010	0,084	FALSE
-0,137	0,296	-0,005	0,010	0,231	FALSE
-0,104	0,316	-0,004	0,011	0,150	FALSE
0,083	0,313	0,002	0,008	0,098	FALSE
-0,038	0,320	-0,002	0,010	0,071	FALSE
-0,012	0,299	-0,001	0,009	0,037	FALSE
0,196	0,283	0,007	0,009	0,350	FALSE
0,107	0,290	0,003	0,006	0,175	FALSE
0,031	0,311	0,001	0,012	0,036	FALSE
0,012	0,317	0,001	0,010	0,018	FALSE

0,058	0,317	0,002	0,009	0,080	TRUE
0,044	0,302	0,002	0,013	0,057	FALSE
0,043	0,323	0,001	0,009	0,053	FALSE
0,051	0,311	0,002	0,009	0,066	FALSE
0,046	0,305	0,001	0,013	0,038	FALSE
0,064	0,305	0,002	0,007	0,092	FALSE
0,030	0,311	0,001	0,009	0,049	FALSE
-0,126	0,316	-0,004	0,011	0,150	FALSE
-0,091	0,308	-0,003	0,009	0,130	FALSE
-0,029	0,317	-0,001	0,009	0,024	FALSE
-0,017	0,302	0,000	0,012	0,014	FALSE
0,042	0,307	0,001	0,009	0,054	FALSE
-0,026	0,311	-0,001	0,010	0,033	FALSE
-0,024	0,301	-0,001	0,012	0,016	FALSE
-0,015	0,329	-0,001	0,013	0,038	FALSE
0,029	0,327	0,001	0,013	0,015	FALSE
0,070	0,303	0,002	0,007	0,081	FALSE
0,082	0,316	0,002	0,008	0,096	FALSE
-0,047	0,313	-0,001	0,008	0,066	FALSE
-0,026	0,316	-0,002	0,012	0,051	FALSE
-0,037	0,299	-0,001	0,011	0,041	FALSE
0,016	0,312	0,000	0,007	0,000	FALSE
-0,050	0,303	-0,002	0,011	0,054	FALSE
0,025	0,302	0,001	0,008	0,059	FALSE
-0,024	0,283	-0,002	0,011	0,070	FALSE
-0,001	0,301	-0,001	0,008	0,040	FALSE
0,021	0,320	0,001	0,009	0,047	FALSE
0,056	0,314	0,002	0,009	0,072	FALSE
-0,119	0,299	-0,003	0,007	0,186	FALSE
-0,019	0,314	-0,001	0,008	0,048	FALSE
-0,041	0,316	-0,002	0,011	0,048	FALSE
0,064	0,306	0,002	0,007	0,090	FALSE
0,007	0,321	0,000	0,012	0,006	FALSE
-0,027	0,315	-0,002	0,012	0,065	FALSE
-0,011	0,318	-0,001	0,011	0,038	FALSE
0,001	0,309	0,000	0,011	0,001	FALSE
0,003	0,321	0,000	0,011	0,007	FALSE
-0,006	0,308	-0,001	0,010	0,023	FALSE
0,000	0,313	-0,001	0,012	0,032	FALSE
0,027	0,308	0,001	0,011	0,017	FALSE
0,018	0,300	0,000	0,010	0,003	FALSE
0,042	0,321	0,001	0,011	0,030	FALSE
-0,054	0,303	-0,001	0,006	0,060	FALSE
-0,041	0,304	-0,001	0,010	0,037	FALSE
-0,018	0,316	-0,001	0,011	0,024	FALSE
0,016	0,329	0,000	0,012	0,006	FALSE
0,044	0,311	0,001	0,011	0,039	FALSE
-0,022	0,311	-0,001	0,007	0,053	FALSE
0,003	0,313	-0,001	0,008	0,025	FALSE
-0,085	0,296	-0,003	0,009	0,123	FALSE
-0,126	0,327	-0,003	0,008	0,140	FALSE
-0,003	0,309	0,000	0,006	0,008	FALSE
0,079	0,315	0,002	0,006	0,090	FALSE

0,032	0,313	0,001	0,013	0,042	FALSE
0,021	0,326	0,001	0,013	0,022	FALSE
0,025	0,323	0,001	0,013	0,027	FALSE
0,011	0,318	0,000	0,013	0,012	FALSE
0,023	0,314	0,001	0,013	0,022	FALSE
-0,013	0,310	-0,001	0,012	0,025	FALSE
-0,012	0,308	-0,001	0,012	0,030	FALSE
0,001	0,301	-0,001	0,007	0,031	FALSE
-0,078	0,309	-0,003	0,011	0,085	FALSE
-0,047	0,316	-0,001	0,008	0,060	FALSE
0,031	0,309	0,002	0,012	0,049	FALSE
-0,012	0,308	0,000	0,012	0,000	FALSE
0,031	0,311	0,002	0,012	0,048	FALSE
0,022	0,320	0,001	0,013	0,040	FALSE
0,024	0,301	0,001	0,011	0,042	FALSE
0,083	0,303	0,004	0,012	0,115	FALSE
0,021	0,315	0,001	0,007	0,042	FALSE
-0,043	0,318	-0,002	0,010	0,080	FALSE
0,149	0,297	0,004	0,008	0,239	FALSE
0,195	0,320	0,008	0,012	0,279	FALSE
0,004	0,309	0,000	0,010	0,004	FALSE
0,041	0,308	0,001	0,009	0,050	FALSE
-0,069	0,301	-0,003	0,012	0,096	FALSE
-0,071	0,316	-0,003	0,013	0,097	FALSE
-0,071	0,299	-0,003	0,012	0,109	FALSE
0,101	0,318	0,002	0,008	0,079	FALSE
-0,052	0,302	-0,002	0,012	0,067	FALSE
-0,050	0,302	-0,002	0,012	0,067	FALSE
0,113	0,301	0,003	0,008	0,137	FALSE
-0,057	0,302	-0,003	0,012	0,080	FALSE
0,039	0,305	0,001	0,006	0,060	FALSE
-0,061	0,310	-0,001	0,007	0,064	FALSE
0,019	0,315	0,000	0,008	0,001	FALSE
-0,062	0,306	-0,002	0,011	0,081	FALSE
0,024	0,315	0,002	0,013	0,048	FALSE
-0,043	0,315	-0,001	0,009	0,051	FALSE
0,041	0,309	0,001	0,007	0,048	FALSE
0,000	0,310	0,000	0,013	0,000	FALSE
0,107	0,305	0,004	0,009	0,167	FALSE
-0,073	0,304	-0,003	0,013	0,087	FALSE
-0,025	0,307	-0,001	0,013	0,025	FALSE
0,129	0,312	0,003	0,007	0,153	FALSE
-0,017	0,304	-0,001	0,011	0,021	FALSE
-0,005	0,305	0,000	0,013	0,004	FALSE
0,044	0,314	0,002	0,013	0,064	FALSE
-0,112	0,310	-0,004	0,009	0,170	FALSE
0,060	0,307	0,002	0,010	0,059	FALSE
0,207	0,300	0,008	0,010	0,337	FALSE
-0,129	0,310	-0,006	0,013	0,209	FALSE
-0,069	0,305	-0,003	0,011	0,085	FALSE
-0,141	0,297	-0,007	0,012	0,243	FALSE
-0,088	0,300	-0,003	0,012	0,093	FALSE
-0,103	0,296	-0,004	0,012	0,147	FALSE

-0,103	0,308	-0,004	0,012	0,154	FALSE
-0,107	0,296	-0,005	0,012	0,161	FALSE
0,012	0,316	0,001	0,008	0,023	FALSE
0,040	0,315	0,001	0,009	0,028	FALSE
0,089	0,302	0,003	0,010	0,097	FALSE
-0,067	0,309	-0,003	0,012	0,090	FALSE
0,066	0,308	0,003	0,011	0,111	FALSE
0,070	0,308	0,003	0,013	0,094	FALSE
-0,049	0,309	-0,002	0,013	0,053	FALSE
0,012	0,317	0,001	0,008	0,025	FALSE
-0,104	0,314	-0,003	0,008	0,126	FALSE
-0,038	0,320	-0,001	0,008	0,053	FALSE
0,025	0,313	0,001	0,010	0,035	FALSE
-0,004	0,305	0,000	0,008	0,013	FALSE
0,089	0,313	0,002	0,007	0,129	FALSE
-0,023	0,297	-0,001	0,008	0,048	FALSE
-0,104	0,296	-0,002	0,007	0,114	FALSE
-0,102	0,287	-0,002	0,008	0,119	FALSE
-0,127	0,291	-0,003	0,007	0,166	FALSE
-0,115	0,302	-0,003	0,007	0,134	FALSE
-0,183	0,294	-0,004	0,007	0,238	FALSE
0,098	0,315	0,004	0,010	0,136	FALSE
0,063	0,303	0,002	0,009	0,068	FALSE
0,055	0,291	0,002	0,009	0,075	FALSE
-0,089	0,303	-0,002	0,010	0,074	FALSE
0,066	0,282	0,002	0,008	0,080	FALSE
0,085	0,314	0,003	0,013	0,101	FALSE
0,001	0,299	0,000	0,010	0,015	FALSE
-0,073	0,313	-0,002	0,007	0,097	FALSE
-0,097	0,293	-0,004	0,010	0,161	FALSE
0,084	0,317	0,002	0,008	0,095	FALSE
0,120	0,317	0,004	0,012	0,148	FALSE
0,061	0,320	0,003	0,013	0,086	FALSE
0,013	0,316	0,001	0,011	0,020	FALSE
-0,043	0,315	-0,002	0,012	0,052	FALSE
0,095	0,296	0,003	0,009	0,117	FALSE
-0,031	0,321	-0,001	0,010	0,020	FALSE
0,129	0,296	0,006	0,013	0,178	FALSE
0,087	0,319	0,004	0,013	0,120	FALSE
-0,016	0,297	0,000	0,010	0,016	FALSE
-0,020	0,310	0,001	0,011	0,018	FALSE
-0,017	0,310	0,000	0,011	0,015	FALSE
0,044	0,301	0,001	0,007	0,042	FALSE
-0,081	0,323	-0,002	0,008	0,086	FALSE
-0,032	0,300	-0,001	0,008	0,025	FALSE
0,125	0,309	0,004	0,009	0,185	FALSE
0,063	0,300	0,002	0,010	0,090	FALSE
0,031	0,315	0,001	0,011	0,046	FALSE
0,050	0,308	0,001	0,012	0,036	FALSE
-0,097	0,298	-0,003	0,008	0,136	FALSE
0,021	0,305	0,001	0,008	0,065	FALSE
0,193	0,303	0,008	0,011	0,310	FALSE
-0,069	0,311	-0,002	0,007	0,102	FALSE

-0,005	0,307	0,000	0,011	0,013	FALSE
-0,034	0,309	-0,002	0,011	0,056	FALSE
0,178	0,297	0,008	0,011	0,314	FALSE
0,010	0,305	0,001	0,007	0,035	FALSE
0,019	0,308	0,000	0,012	0,003	FALSE
0,049	0,302	0,002	0,007	0,100	FALSE
0,026	0,311	0,000	0,012	0,012	FALSE
0,109	0,305	0,003	0,008	0,180	FALSE
0,045	0,324	0,001	0,006	0,042	FALSE
0,054	0,302	0,002	0,008	0,088	FALSE
0,006	0,308	0,000	0,007	0,017	FALSE
-0,090	0,308	-0,003	0,012	0,104	FALSE
0,010	0,309	0,000	0,008	0,002	FALSE
-0,038	0,323	-0,001	0,011	0,036	FALSE
0,036	0,305	0,001	0,013	0,018	FALSE
-0,085	0,305	-0,003	0,012	0,080	FALSE
0,000	0,304	0,000	0,008	0,014	FALSE
0,016	0,297	-0,001	0,012	0,033	FALSE
-0,041	0,318	-0,001	0,012	0,024	FALSE
-0,031	0,309	-0,001	0,011	0,025	FALSE
-0,005	0,309	0,000	0,007	0,014	FALSE
-0,046	0,307	-0,001	0,009	0,055	FALSE
-0,064	0,308	-0,001	0,007	0,076	FALSE
0,054	0,312	0,002	0,010	0,097	FALSE
0,073	0,297	0,002	0,012	0,066	FALSE
0,114	0,294	0,003	0,008	0,190	FALSE
0,147	0,300	0,004	0,007	0,239	FALSE
-0,002	0,314	0,000	0,007	0,009	FALSE
0,122	0,306	0,004	0,010	0,157	FALSE
-0,058	0,308	-0,002	0,007	0,094	FALSE
-0,004	0,313	0,000	0,007	0,003	FALSE
-0,032	0,305	0,000	0,006	0,018	FALSE
-0,022	0,299	-0,001	0,006	0,066	FALSE
-0,032	0,309	-0,001	0,009	0,050	FALSE
0,060	0,304	0,002	0,010	0,068	FALSE
0,020	0,310	0,001	0,008	0,055	FALSE
0,006	0,314	0,000	0,011	0,011	FALSE
0,078	0,325	0,003	0,012	0,097	FALSE
-0,015	0,320	0,000	0,012	0,003	FALSE
0,062	0,318	0,003	0,012	0,100	FALSE
0,009	0,316	0,001	0,012	0,023	FALSE
-0,008	0,300	0,000	0,007	0,016	FALSE
-0,027	0,315	-0,001	0,010	0,043	FALSE
0,077	0,316	0,002	0,009	0,101	FALSE
0,123	0,305	0,005	0,012	0,163	FALSE
-0,013	0,312	0,000	0,007	0,016	FALSE
0,049	0,315	0,001	0,008	0,050	FALSE
0,013	0,297	0,000	0,007	0,004	FALSE
-0,009	0,312	0,000	0,011	0,013	FALSE
0,129	0,301	0,005	0,010	0,226	FALSE
-0,065	0,319	-0,002	0,009	0,072	FALSE
0,012	0,315	-0,001	0,013	0,023	FALSE
0,001	0,306	0,001	0,008	0,033	FALSE

0,014	0,317	0,001	0,009	0,034	FALSE
0,042	0,295	0,001	0,009	0,061	FALSE
0,033	0,302	0,001	0,009	0,041	FALSE
0,002	0,322	0,000	0,008	0,010	FALSE
0,027	0,327	0,001	0,008	0,046	FALSE
-0,030	0,311	-0,001	0,011	0,034	FALSE
-0,082	0,316	-0,003	0,013	0,091	FALSE
0,061	0,307	0,001	0,007	0,042	FALSE
-0,105	0,312	-0,002	0,007	0,135	FALSE
-0,101	0,291	-0,004	0,011	0,170	FALSE
-0,138	0,311	-0,004	0,012	0,141	FALSE
0,009	0,304	0,001	0,010	0,026	FALSE
0,004	0,298	0,000	0,011	0,013	FALSE
-0,114	0,302	-0,002	0,008	0,105	FALSE
0,020	0,325	0,001	0,008	0,023	FALSE
0,023	0,307	0,001	0,010	0,038	FALSE
0,060	0,312	0,002	0,007	0,094	FALSE
0,112	0,298	0,004	0,011	0,171	FALSE
0,013	0,310	0,001	0,010	0,025	FALSE
-0,022	0,309	-0,001	0,010	0,018	FALSE
0,050	0,302	0,002	0,009	0,087	FALSE
0,212	0,297	0,009	0,013	0,331	FALSE
-0,006	0,295	0,000	0,007	0,006	FALSE
0,064	0,304	0,002	0,010	0,092	FALSE
-0,166	0,302	-0,004	0,008	0,192	FALSE
-0,070	0,313	-0,001	0,007	0,076	FALSE
-0,101	0,321	-0,003	0,012	0,087	FALSE
0,056	0,312	0,002	0,008	0,094	FALSE
0,026	0,305	0,002	0,009	0,064	FALSE
0,024	0,301	0,001	0,009	0,055	FALSE
0,040	0,308	0,002	0,009	0,070	FALSE
0,003	0,295	-0,001	0,013	0,016	FALSE
0,017	0,300	0,001	0,009	0,051	FALSE
0,036	0,315	0,001	0,007	0,069	FALSE
0,054	0,320	0,002	0,013	0,060	FALSE
0,056	0,299	0,002	0,012	0,065	FALSE
0,030	0,313	0,001	0,010	0,032	FALSE
0,014	0,314	0,000	0,009	0,001	FALSE
0,037	0,311	0,001	0,012	0,025	FALSE
0,069	0,301	0,002	0,011	0,077	FALSE
-0,111	0,313	-0,005	0,012	0,165	FALSE
-0,004	0,300	-0,001	0,011	0,022	FALSE
0,049	0,308	0,001	0,008	0,066	FALSE
-0,043	0,309	-0,001	0,006	0,078	FALSE
0,130	0,302	0,006	0,012	0,195	FALSE
0,012	0,308	0,001	0,012	0,040	FALSE
0,098	0,302	0,002	0,008	0,125	FALSE
0,045	0,316	0,002	0,012	0,064	FALSE
-0,149	0,301	-0,006	0,011	0,213	FALSE
0,043	0,306	0,002	0,013	0,069	FALSE
0,040	0,305	0,002	0,012	0,059	FALSE
0,091	0,307	0,004	0,010	0,149	FALSE
0,103	0,301	0,003	0,009	0,145	FALSE

-0,094	0,316	-0,002	0,008	0,113	FALSE
0,076	0,296	0,001	0,006	0,070	FALSE
-0,017	0,315	-0,001	0,007	0,032	FALSE
0,083	0,299	0,001	0,006	0,080	FALSE
0,098	0,299	0,003	0,008	0,138	FALSE
0,050	0,307	0,002	0,009	0,077	FALSE
0,064	0,311	0,003	0,011	0,101	FALSE
-0,082	0,314	-0,003	0,011	0,103	FALSE
0,023	0,299	0,001	0,008	0,026	FALSE
0,002	0,299	0,001	0,009	0,022	FALSE
-0,161	0,293	-0,004	0,008	0,185	FALSE
0,087	0,293	0,003	0,012	0,110	FALSE
0,092	0,321	0,003	0,009	0,104	FALSE
0,094	0,303	0,002	0,008	0,098	FALSE
0,045	0,311	0,001	0,010	0,055	FALSE
0,081	0,300	0,003	0,012	0,096	FALSE
-0,052	0,314	-0,002	0,012	0,073	FALSE
0,016	0,305	0,001	0,009	0,024	FALSE
-0,017	0,317	-0,001	0,013	0,029	FALSE
0,068	0,318	0,002	0,010	0,066	FALSE
0,002	0,305	0,000	0,012	0,001	FALSE
-0,057	0,323	-0,002	0,013	0,058	FALSE
0,040	0,307	0,002	0,012	0,055	FALSE
0,099	0,300	0,003	0,009	0,126	FALSE
0,048	0,307	0,003	0,012	0,078	FALSE
-0,113	0,307	-0,003	0,009	0,117	FALSE
0,062	0,314	0,002	0,008	0,085	FALSE
-0,042	0,326	-0,001	0,007	0,061	FALSE
0,034	0,293	0,001	0,011	0,024	FALSE
-0,023	0,301	0,000	0,006	0,019	FALSE
0,004	0,312	0,000	0,007	0,014	FALSE
0,001	0,292	0,000	0,007	0,014	FALSE
-0,036	0,306	-0,003	0,013	0,080	FALSE
0,050	0,313	0,001	0,008	0,033	FALSE
-0,030	0,308	-0,001	0,007	0,026	FALSE
0,092	0,307	0,004	0,011	0,122	FALSE
0,072	0,319	0,003	0,012	0,095	FALSE
-0,094	0,308	-0,005	0,012	0,172	FALSE
-0,119	0,321	-0,003	0,009	0,143	FALSE
0,074	0,309	0,001	0,007	0,077	FALSE
-0,051	0,312	-0,002	0,011	0,065	FALSE
-0,070	0,307	-0,003	0,008	0,117	FALSE
-0,063	0,309	-0,002	0,006	0,123	FALSE
-0,019	0,297	0,000	0,013	0,012	FALSE
-0,097	0,316	-0,003	0,010	0,102	FALSE
-0,028	0,305	0,000	0,007	0,021	FALSE
-0,031	0,304	0,000	0,007	0,018	FALSE
-0,076	0,309	-0,002	0,009	0,087	FALSE
0,071	0,306	0,002	0,013	0,068	FALSE
0,018	0,309	0,000	0,010	0,004	FALSE
-0,135	0,304	-0,003	0,007	0,149	FALSE
-0,075	0,304	-0,003	0,013	0,096	FALSE
0,053	0,314	0,003	0,012	0,077	FALSE

0,044	0,307	0,001	0,007	0,062	FALSE
-0,047	0,309	-0,002	0,011	0,055	FALSE
0,005	0,286	0,000	0,007	0,020	FALSE
0,047	0,307	0,002	0,010	0,078	FALSE
0,020	0,302	0,000	0,008	0,021	FALSE
0,083	0,300	0,003	0,010	0,136	FALSE
-0,154	0,312	-0,004	0,008	0,189	FALSE
0,040	0,312	0,001	0,007	0,032	FALSE
-0,056	0,314	-0,002	0,010	0,065	FALSE
0,094	0,295	0,003	0,010	0,117	FALSE
0,083	0,308	0,002	0,009	0,097	FALSE
0,056	0,312	0,002	0,010	0,064	FALSE
0,048	0,296	0,002	0,010	0,061	FALSE
0,067	0,306	0,001	0,006	0,086	FALSE
-0,013	0,292	-0,001	0,006	0,033	FALSE
0,153	0,303	0,004	0,007	0,234	FALSE
-0,048	0,305	-0,002	0,012	0,054	FALSE
-0,069	0,309	-0,002	0,012	0,075	FALSE
0,002	0,315	0,000	0,013	0,012	FALSE
-0,077	0,300	-0,002	0,011	0,076	FALSE
0,012	0,309	0,001	0,008	0,044	FALSE
0,088	0,298	0,003	0,010	0,141	FALSE
-0,017	0,298	-0,001	0,011	0,024	FALSE
0,009	0,311	0,000	0,007	0,008	FALSE
-0,014	0,333	-0,001	0,012	0,038	FALSE
-0,071	0,314	-0,002	0,011	0,089	FALSE
-0,055	0,310	-0,002	0,013	0,046	FALSE
0,065	0,300	0,002	0,011	0,075	FALSE
-0,130	0,303	-0,006	0,013	0,183	FALSE
-0,120	0,324	-0,005	0,013	0,145	FALSE
0,063	0,305	0,001	0,010	0,042	FALSE
0,008	0,300	0,000	0,010	0,011	FALSE
-0,069	0,302	-0,001	0,012	0,035	FALSE
-0,015	0,296	-0,001	0,007	0,042	FALSE
-0,021	0,316	0,000	0,007	0,022	FALSE
0,061	0,308	0,001	0,007	0,078	FALSE
0,120	0,310	0,003	0,006	0,187	FALSE
0,014	0,307	0,001	0,013	0,019	FALSE
0,011	0,308	0,001	0,008	0,029	FALSE
0,021	0,321	0,002	0,011	0,049	FALSE
-0,108	0,305	-0,004	0,011	0,126	FALSE
-0,052	0,308	-0,002	0,010	0,058	FALSE
0,108	0,306	0,003	0,008	0,140	FALSE
-0,066	0,311	-0,001	0,007	0,059	FALSE
-0,019	0,326	-0,001	0,009	0,035	FALSE
-0,016	0,312	0,000	0,006	0,014	FALSE
0,008	0,305	0,000	0,008	0,010	FALSE
-0,008	0,308	0,000	0,009	0,019	FALSE
0,035	0,308	0,001	0,008	0,056	FALSE
-0,104	0,296	-0,003	0,008	0,155	FALSE
-0,083	0,298	-0,003	0,008	0,135	FALSE
0,000	0,312	0,001	0,012	0,018	FALSE
0,001	0,308	0,001	0,012	0,024	FALSE

0,122	0,299	0,005	0,010	0,209	FALSE
-0,132	0,312	-0,004	0,010	0,176	FALSE
0,022	0,313	0,002	0,012	0,050	FALSE
0,088	0,318	0,002	0,006	0,111	FALSE
0,055	0,309	0,002	0,012	0,069	FALSE
-0,041	0,311	-0,001	0,008	0,056	FALSE
-0,016	0,307	0,001	0,012	0,036	FALSE
0,067	0,316	0,003	0,012	0,079	FALSE
0,041	0,319	0,001	0,008	0,065	FALSE
-0,186	0,297	-0,004	0,007	0,271	FALSE
-0,112	0,304	-0,003	0,010	0,129	FALSE
-0,125	0,296	-0,002	0,006	0,154	FALSE
0,013	0,303	0,000	0,007	0,024	FALSE
-0,185	0,311	-0,007	0,011	0,263	FALSE
-0,050	0,309	-0,002	0,006	0,089	FALSE
-0,066	0,314	-0,001	0,009	0,053	FALSE
0,159	0,311	0,004	0,007	0,222	FALSE
-0,190	0,311	-0,007	0,010	0,295	FALSE
-0,047	0,310	-0,001	0,008	0,063	FALSE
-0,034	0,314	0,000	0,010	0,004	FALSE
-0,130	0,321	-0,004	0,009	0,176	FALSE
0,005	0,317	0,001	0,009	0,022	FALSE
0,103	0,315	0,003	0,009	0,116	FALSE
-0,050	0,311	-0,002	0,009	0,064	FALSE
-0,120	0,302	-0,003	0,008	0,147	FALSE
-0,082	0,313	-0,002	0,009	0,072	FALSE
-0,048	0,312	-0,001	0,008	0,037	FALSE
-0,009	0,309	0,000	0,009	0,000	FALSE
-0,019	0,305	-0,001	0,011	0,028	FALSE
0,056	0,304	0,002	0,012	0,061	FALSE
-0,046	0,296	-0,002	0,012	0,071	FALSE
-0,051	0,311	-0,002	0,012	0,071	FALSE
0,068	0,309	0,002	0,011	0,085	FALSE
0,027	0,295	0,001	0,010	0,020	FALSE
-0,014	0,301	-0,001	0,012	0,038	FALSE
0,055	0,305	0,002	0,010	0,089	FALSE
0,050	0,318	0,002	0,011	0,059	FALSE
0,041	0,303	0,002	0,011	0,053	FALSE
-0,025	0,301	-0,001	0,012	0,047	FALSE
0,076	0,308	0,003	0,009	0,115	FALSE
-0,001	0,293	0,001	0,012	0,022	FALSE
0,058	0,316	0,002	0,012	0,075	FALSE
-0,030	0,295	-0,001	0,011	0,047	FALSE
-0,074	0,313	-0,002	0,007	0,093	FALSE
-0,049	0,313	-0,002	0,008	0,074	FALSE
-0,022	0,304	0,000	0,012	0,011	FALSE
0,107	0,303	0,004	0,009	0,156	FALSE
0,139	0,301	0,004	0,008	0,217	FALSE
0,007	0,317	0,000	0,013	0,005	FALSE
0,031	0,311	0,001	0,013	0,033	FALSE
0,066	0,292	0,002	0,012	0,073	FALSE
0,085	0,292	0,003	0,013	0,081	FALSE
0,094	0,296	0,003	0,012	0,090	FALSE

0,103	0,306	0,003	0,012	0,107	FALSE
-0,121	0,288	-0,005	0,012	0,167	FALSE
-0,130	0,294	-0,003	0,007	0,187	FALSE
0,036	0,301	0,001	0,009	0,043	FALSE
0,075	0,297	0,002	0,012	0,077	FALSE
0,000	0,282	0,001	0,010	0,053	FALSE
0,007	0,317	0,000	0,010	0,015	FALSE
-0,042	0,300	-0,001	0,009	0,050	FALSE
0,111	0,289	0,004	0,012	0,119	FALSE
-0,096	0,300	-0,004	0,011	0,135	FALSE
-0,093	0,296	-0,004	0,011	0,127	FALSE
-0,029	0,313	-0,001	0,013	0,025	FALSE
0,140	0,320	0,005	0,011	0,190	FALSE
0,126	0,309	0,005	0,010	0,177	FALSE
0,083	0,311	0,003	0,012	0,104	FALSE
-0,025	0,298	0,000	0,006	0,004	FALSE
0,164	0,304	0,006	0,010	0,261	FALSE
-0,061	0,315	-0,001	0,006	0,083	FALSE
-0,063	0,310	-0,003	0,010	0,098	FALSE
-0,005	0,309	0,000	0,010	0,015	FALSE
0,001	0,314	0,000	0,007	0,017	FALSE
-0,104	0,296	-0,002	0,007	0,122	FALSE
-0,023	0,320	0,000	0,007	0,001	FALSE
-0,109	0,309	-0,003	0,010	0,126	FALSE
-0,044	0,316	-0,001	0,010	0,041	FALSE
-0,059	0,294	-0,003	0,012	0,112	FALSE
0,076	0,295	0,003	0,011	0,095	FALSE
0,051	0,307	0,002	0,012	0,052	FALSE
0,039	0,300	0,001	0,012	0,035	FALSE
0,044	0,311	0,002	0,008	0,076	FALSE
-0,075	0,305	-0,003	0,011	0,098	FALSE
-0,176	0,300	-0,006	0,011	0,233	FALSE
0,105	0,315	0,004	0,012	0,131	FALSE
0,220	0,295	0,005	0,007	0,337	FALSE
0,237	0,296	0,009	0,012	0,365	FALSE
0,215	0,299	0,005	0,007	0,319	FALSE
0,046	0,312	0,002	0,013	0,054	FALSE
0,079	0,287	0,002	0,009	0,096	FALSE
0,074	0,299	0,004	0,012	0,111	FALSE
0,174	0,314	0,004	0,008	0,232	FALSE
0,156	0,304	0,004	0,008	0,206	FALSE
0,149	0,298	0,003	0,006	0,199	FALSE
-0,023	0,310	-0,001	0,012	0,033	FALSE
0,105	0,317	0,003	0,009	0,141	FALSE
0,091	0,307	0,002	0,010	0,069	FALSE
-0,132	0,314	-0,004	0,010	0,163	FALSE
0,035	0,300	0,002	0,011	0,074	FALSE
0,126	0,308	0,003	0,008	0,125	FALSE
0,053	0,306	0,002	0,008	0,076	FALSE
-0,001	0,301	0,000	0,013	0,010	FALSE
0,057	0,308	0,003	0,011	0,090	FALSE
0,067	0,297	0,003	0,011	0,095	FALSE
0,027	0,303	0,001	0,012	0,020	FALSE

-0,035	0,293	-0,002	0,010	0,069	FALSE
0,097	0,298	0,002	0,007	0,126	FALSE
0,024	0,300	0,001	0,012	0,032	FALSE
-0,060	0,295	-0,003	0,012	0,101	FALSE
0,016	0,318	0,000	0,010	0,012	FALSE
0,010	0,311	0,000	0,007	0,014	FALSE
0,062	0,311	0,003	0,012	0,088	FALSE
0,044	0,308	0,002	0,010	0,067	FALSE
-0,009	0,300	0,000	0,007	0,009	FALSE
-0,059	0,315	-0,002	0,011	0,068	FALSE
-0,164	0,298	-0,005	0,009	0,232	FALSE
-0,016	0,308	0,000	0,007	0,005	FALSE
-0,057	0,311	-0,002	0,011	0,079	FALSE
-0,070	0,309	-0,004	0,013	0,104	FALSE
-0,046	0,312	-0,002	0,011	0,059	FALSE
0,209	0,296	0,006	0,008	0,346	FALSE
-0,040	0,305	-0,002	0,013	0,044	FALSE
-0,019	0,299	0,000	0,007	0,019	FALSE
-0,056	0,304	-0,001	0,009	0,063	FALSE
0,028	0,316	0,001	0,008	0,061	FALSE
0,098	0,314	0,002	0,011	0,058	FALSE
0,144	0,288	0,003	0,007	0,156	FALSE
0,123	0,301	0,004	0,013	0,137	FALSE
-0,038	0,309	-0,001	0,009	0,050	FALSE
-0,027	0,303	-0,001	0,008	0,036	FALSE
-0,142	0,314	-0,003	0,007	0,185	FALSE
-0,034	0,308	-0,001	0,006	0,038	FALSE
-0,008	0,311	-0,001	0,010	0,024	FALSE
0,094	0,295	0,003	0,009	0,136	FALSE
0,094	0,301	0,003	0,008	0,159	FALSE
0,079	0,318	0,002	0,009	0,084	FALSE
-0,009	0,309	-0,001	0,010	0,029	FALSE
0,024	0,307	0,001	0,011	0,047	FALSE
-0,031	0,300	-0,001	0,006	0,039	FALSE
0,140	0,299	0,005	0,011	0,174	FALSE
0,012	0,312	0,001	0,013	0,020	FALSE
0,001	0,320	0,000	0,007	0,023	FALSE
0,004	0,313	0,000	0,010	0,001	FALSE
0,071	0,315	0,004	0,013	0,108	FALSE
-0,060	0,306	-0,001	0,008	0,057	FALSE
0,026	0,310	0,002	0,011	0,063	FALSE
0,010	0,314	0,001	0,011	0,036	FALSE
-0,029	0,303	0,000	0,011	0,005	FALSE
0,110	0,320	0,003	0,007	0,164	FALSE
0,017	0,299	0,000	0,007	0,005	FALSE
0,002	0,307	0,000	0,007	0,020	FALSE
0,089	0,314	0,002	0,008	0,100	FALSE
0,124	0,305	0,003	0,008	0,172	FALSE
0,098	0,301	0,002	0,008	0,083	FALSE
0,045	0,310	0,002	0,011	0,059	FALSE
-0,083	0,309	-0,001	0,007	0,071	FALSE
0,057	0,300	0,001	0,012	0,036	FALSE
0,053	0,297	0,002	0,012	0,053	FALSE

0,032	0,305	0,001	0,012	0,023	FALSE
-0,163	0,298	-0,004	0,007	0,226	FALSE
-0,067	0,307	-0,001	0,006	0,076	FALSE
-0,073	0,305	-0,002	0,007	0,112	FALSE
0,097	0,301	0,003	0,008	0,124	FALSE
-0,071	0,311	-0,002	0,010	0,075	FALSE
-0,049	0,313	-0,002	0,009	0,076	FALSE
-0,011	0,312	0,000	0,007	0,009	FALSE
-0,103	0,307	-0,003	0,007	0,137	FALSE
0,028	0,311	0,001	0,010	0,047	FALSE
0,039	0,305	0,001	0,010	0,054	FALSE
0,037	0,312	0,001	0,007	0,055	FALSE
-0,088	0,306	-0,003	0,010	0,098	FALSE
0,079	0,315	0,002	0,008	0,112	FALSE
0,076	0,300	0,002	0,006	0,113	FALSE
-0,086	0,310	-0,002	0,010	0,081	FALSE
0,005	0,312	0,001	0,008	0,027	FALSE
0,039	0,314	0,001	0,011	0,047	FALSE
-0,057	0,297	-0,002	0,012	0,066	FALSE
0,042	0,299	0,001	0,007	0,044	FALSE
0,043	0,310	0,001	0,008	0,043	FALSE
0,004	0,298	0,000	0,008	0,007	FALSE
0,081	0,316	0,003	0,013	0,099	FALSE
-0,085	0,308	-0,003	0,012	0,094	FALSE
-0,022	0,306	-0,001	0,007	0,028	FALSE
0,020	0,305	0,001	0,007	0,043	FALSE
-0,005	0,304	0,000	0,012	0,008	FALSE
0,028	0,296	0,001	0,007	0,029	FALSE
-0,040	0,315	-0,001	0,008	0,037	FALSE
0,009	0,297	0,001	0,009	0,022	FALSE
0,107	0,305	0,002	0,007	0,118	FALSE
-0,119	0,314	-0,004	0,011	0,139	FALSE
-0,059	0,308	-0,001	0,006	0,070	FALSE
0,050	0,334	0,001	0,007	0,074	FALSE
-0,068	0,318	-0,003	0,013	0,084	FALSE
0,139	0,312	0,005	0,011	0,193	FALSE
-0,041	0,317	-0,002	0,013	0,070	FALSE
-0,026	0,298	0,000	0,009	0,015	FALSE
-0,078	0,304	-0,002	0,006	0,114	FALSE
0,053	0,296	0,001	0,007	0,055	FALSE
-0,126	0,306	-0,004	0,011	0,165	FALSE
0,062	0,315	0,002	0,008	0,098	FALSE
0,008	0,328	0,000	0,011	0,001	FALSE
-0,041	0,307	-0,001	0,008	0,045	FALSE
0,055	0,299	0,002	0,007	0,100	FALSE
-0,016	0,316	0,000	0,010	0,009	FALSE
-0,054	0,313	-0,001	0,010	0,051	FALSE
0,057	0,317	0,001	0,009	0,034	FALSE
0,078	0,312	0,001	0,006	0,081	FALSE
0,075	0,306	0,003	0,011	0,104	FALSE
-0,094	0,320	-0,002	0,007	0,109	FALSE
-0,096	0,308	-0,004	0,012	0,137	FALSE
0,061	0,328	0,002	0,010	0,083	FALSE

0,037	0,316	0,001	0,009	0,048	FALSE
0,067	0,290	0,003	0,008	0,123	FALSE
-0,002	0,311	0,000	0,008	0,009	FALSE
0,013	0,324	0,001	0,009	0,028	FALSE
-0,057	0,312	-0,001	0,008	0,071	FALSE
0,017	0,315	0,000	0,012	0,011	FALSE
0,019	0,290	0,000	0,011	0,012	FALSE
-0,091	0,304	-0,005	0,013	0,147	FALSE
-0,067	0,307	-0,002	0,007	0,093	FALSE
-0,070	0,304	-0,003	0,013	0,085	FALSE
0,008	0,314	0,000	0,007	0,003	FALSE
-0,012	0,316	0,000	0,008	0,019	FALSE
-0,034	0,312	-0,001	0,008	0,046	FALSE
0,056	0,317	0,002	0,009	0,083	FALSE
-0,014	0,310	0,000	0,009	0,006	FALSE
-0,080	0,323	-0,003	0,012	0,083	FALSE
-0,014	0,327	0,000	0,010	0,014	FALSE
-0,002	0,325	0,000	0,014	0,011	FALSE
0,044	0,316	0,003	0,012	0,086	FALSE
-0,048	0,303	-0,001	0,011	0,029	FALSE
-0,032	0,322	-0,003	0,013	0,075	FALSE
0,058	0,299	0,003	0,009	0,110	FALSE
0,013	0,323	0,000	0,009	0,008	FALSE
-0,041	0,300	-0,001	0,007	0,064	FALSE
-0,025	0,307	-0,001	0,008	0,035	FALSE
0,009	0,300	0,000	0,007	0,001	FALSE
0,007	0,304	0,000	0,013	0,003	FALSE
0,007	0,300	0,000	0,013	0,012	FALSE
0,079	0,315	0,004	0,013	0,110	FALSE
-0,078	0,301	-0,003	0,010	0,119	FALSE
0,039	0,295	0,001	0,007	0,082	FALSE
0,049	0,301	0,002	0,013	0,073	FALSE
-0,005	0,325	0,000	0,013	0,006	FALSE
-0,091	0,304	-0,002	0,006	0,116	FALSE
0,061	0,312	0,002	0,009	0,076	FALSE
0,036	0,308	0,002	0,009	0,066	FALSE
-0,077	0,305	-0,004	0,012	0,145	FALSE
-0,036	0,308	-0,003	0,012	0,085	FALSE
0,031	0,305	0,001	0,008	0,023	FALSE
0,064	0,301	0,002	0,008	0,098	FALSE
-0,055	0,311	-0,002	0,011	0,066	FALSE
0,002	0,320	0,000	0,009	0,001	FALSE
-0,049	0,312	-0,001	0,012	0,039	FALSE
-0,121	0,299	-0,004	0,010	0,149	FALSE
-0,048	0,313	-0,001	0,010	0,029	FALSE
-0,023	0,285	-0,001	0,011	0,049	FALSE
-0,025	0,311	-0,001	0,012	0,042	FALSE
0,061	0,306	0,003	0,012	0,103	FALSE
0,085	0,305	0,004	0,011	0,135	FALSE
0,179	0,303	0,004	0,007	0,252	FALSE
-0,019	0,312	-0,001	0,007	0,032	FALSE
0,139	0,294	0,003	0,006	0,220	FALSE
-0,037	0,327	-0,001	0,009	0,054	FALSE

-0,098	0,291	-0,002	0,007	0,129	FALSE
-0,071	0,297	-0,002	0,008	0,091	FALSE
-0,080	0,322	-0,004	0,012	0,112	FALSE
-0,101	0,307	-0,003	0,008	0,149	FALSE
0,007	0,314	0,000	0,010	0,018	FALSE
0,087	0,301	0,004	0,008	0,173	FALSE
0,053	0,304	0,002	0,010	0,071	FALSE
0,086	0,311	0,002	0,007	0,100	FALSE
0,002	0,311	0,001	0,008	0,027	FALSE
-0,056	0,303	-0,001	0,007	0,074	FALSE
-0,090	0,306	-0,003	0,009	0,134	FALSE
-0,023	0,312	-0,001	0,010	0,019	FALSE
0,012	0,319	0,000	0,007	0,008	FALSE
0,014	0,308	-0,001	0,013	0,024	FALSE
-0,049	0,309	0,000	0,007	0,025	FALSE
0,026	0,310	0,001	0,006	0,031	FALSE
0,099	0,309	0,003	0,008	0,131	FALSE
-0,054	0,310	-0,001	0,006	0,056	FALSE
0,005	0,310	0,001	0,012	0,025	FALSE
-0,027	0,305	-0,002	0,012	0,065	FALSE
0,018	0,299	0,000	0,010	0,003	FALSE
0,122	0,305	0,003	0,006	0,160	FALSE
-0,057	0,314	-0,002	0,012	0,077	FALSE
-0,001	0,315	0,000	0,007	0,009	FALSE
0,028	0,302	0,001	0,008	0,049	FALSE
0,037	0,297	0,001	0,009	0,027	FALSE
-0,112	0,298	-0,002	0,007	0,131	FALSE
-0,215	0,301	-0,005	0,007	0,319	FALSE
-0,134	0,307	-0,004	0,008	0,189	FALSE
-0,128	0,310	-0,005	0,011	0,205	FALSE
-0,049	0,301	-0,001	0,007	0,069	FALSE
-0,105	0,313	-0,005	0,012	0,150	FALSE
-0,101	0,295	-0,002	0,008	0,128	FALSE
-0,077	0,303	-0,003	0,010	0,093	FALSE
-0,031	0,314	0,000	0,008	0,024	FALSE
0,024	0,305	0,001	0,009	0,032	FALSE
-0,015	0,319	0,000	0,007	0,010	FALSE
-0,022	0,302	-0,001	0,012	0,038	FALSE
-0,061	0,308	-0,001	0,008	0,056	FALSE
-0,128	0,300	-0,004	0,009	0,197	FALSE
0,007	0,300	0,001	0,007	0,046	FALSE
0,003	0,309	0,001	0,011	0,027	FALSE
0,066	0,307	0,002	0,010	0,089	FALSE
0,093	0,311	0,003	0,011	0,122	FALSE
-0,105	0,304	-0,003	0,011	0,120	FALSE
-0,017	0,314	-0,001	0,013	0,034	FALSE
-0,045	0,297	-0,001	0,008	0,045	FALSE
0,078	0,315	0,003	0,013	0,087	FALSE
-0,090	0,308	-0,002	0,010	0,093	FALSE
0,042	0,308	0,001	0,010	0,052	FALSE
-0,123	0,308	-0,004	0,010	0,141	FALSE
0,048	0,308	0,001	0,007	0,043	FALSE
0,003	0,306	0,000	0,009	0,000	FALSE

0,087	0,305	0,003	0,013	0,094	FALSE
0,068	0,324	0,002	0,012	0,073	FALSE
0,062	0,318	0,003	0,012	0,089	FALSE
0,070	0,314	0,003	0,012	0,082	FALSE
0,051	0,320	0,002	0,012	0,068	FALSE
-0,036	0,320	-0,001	0,008	0,057	FALSE
0,118	0,314	0,004	0,011	0,157	FALSE
0,032	0,306	0,001	0,006	0,041	FALSE
0,058	0,306	0,001	0,009	0,058	FALSE
-0,014	0,320	-0,001	0,009	0,021	FALSE
-0,034	0,317	-0,002	0,012	0,062	FALSE
-0,016	0,317	-0,001	0,008	0,044	FALSE
-0,002	0,310	0,000	0,009	0,004	FALSE
-0,004	0,311	0,000	0,009	0,003	FALSE
-0,060	0,329	-0,002	0,010	0,072	FALSE
-0,077	0,316	-0,002	0,007	0,118	FALSE
-0,043	0,308	-0,001	0,009	0,034	FALSE
-0,040	0,315	-0,001	0,009	0,056	FALSE
-0,034	0,313	-0,003	0,013	0,076	FALSE
-0,075	0,309	-0,002	0,008	0,083	FALSE
0,006	0,312	0,001	0,008	0,033	FALSE
-0,049	0,297	-0,002	0,008	0,082	FALSE
0,069	0,307	0,001	0,007	0,050	FALSE
0,044	0,300	0,002	0,006	0,089	FALSE
-0,043	0,292	-0,001	0,008	0,057	FALSE
0,046	0,318	0,001	0,007	0,033	FALSE
0,003	0,320	0,000	0,008	0,000	FALSE
0,034	0,310	0,002	0,013	0,052	FALSE
0,100	0,303	0,003	0,008	0,173	FALSE
0,032	0,320	0,001	0,007	0,049	FALSE
0,159	0,301	0,005	0,010	0,222	FALSE
0,083	0,309	0,003	0,013	0,080	FALSE
0,061	0,312	0,002	0,008	0,080	FALSE
-0,065	0,316	-0,001	0,007	0,061	FALSE
0,067	0,322	0,002	0,008	0,086	FALSE
-0,066	0,305	-0,003	0,013	0,091	FALSE
-0,087	0,300	-0,002	0,007	0,100	FALSE
-0,068	0,306	-0,002	0,007	0,103	FALSE
0,082	0,306	0,002	0,009	0,092	FALSE
0,096	0,314	0,003	0,009	0,113	FALSE
-0,068	0,297	-0,001	0,006	0,086	FALSE
-0,053	0,315	-0,002	0,010	0,070	FALSE
-0,082	0,314	-0,003	0,013	0,099	FALSE
-0,003	0,316	0,000	0,013	0,004	FALSE
0,081	0,304	0,001	0,007	0,071	FALSE
0,034	0,315	0,001	0,008	0,065	FALSE
0,037	0,315	0,001	0,013	0,038	FALSE
-0,033	0,316	-0,001	0,008	0,032	FALSE
-0,061	0,317	-0,002	0,008	0,088	FALSE
0,115	0,315	0,003	0,007	0,169	FALSE
-0,026	0,324	-0,001	0,010	0,038	FALSE
-0,023	0,327	-0,001	0,007	0,033	FALSE
-0,074	0,305	-0,002	0,008	0,113	FALSE

-0,059	0,303	-0,003	0,013	0,088	FALSE
-0,013	0,305	0,000	0,013	0,012	FALSE
-0,009	0,297	-0,001	0,012	0,020	FALSE
0,075	0,311	0,003	0,012	0,099	FALSE
0,068	0,323	0,002	0,007	0,098	FALSE
-0,067	0,307	-0,001	0,006	0,058	FALSE
0,069	0,307	0,002	0,013	0,059	FALSE
-0,077	0,314	-0,002	0,008	0,097	FALSE
0,097	0,305	0,002	0,008	0,091	FALSE
-0,144	0,301	-0,004	0,008	0,187	FALSE
0,172	0,291	0,004	0,009	0,210	FALSE
-0,016	0,315	-0,001	0,007	0,043	FALSE
-0,100	0,292	-0,003	0,011	0,103	FALSE
0,074	0,305	0,004	0,012	0,126	FALSE
0,070	0,312	0,002	0,006	0,095	FALSE
0,001	0,309	0,000	0,008	0,002	FALSE
0,130	0,293	0,005	0,009	0,213	FALSE
0,075	0,292	0,002	0,007	0,110	FALSE
0,089	0,305	0,003	0,009	0,152	FALSE
-0,045	0,319	-0,002	0,013	0,055	FALSE
0,073	0,303	0,002	0,007	0,102	FALSE
0,082	0,314	0,003	0,012	0,091	FALSE
-0,002	0,317	0,000	0,008	0,009	FALSE
0,115	0,307	0,004	0,011	0,137	FALSE
-0,024	0,312	-0,001	0,008	0,039	FALSE
0,026	0,312	0,001	0,008	0,035	FALSE
-0,046	0,303	-0,002	0,012	0,054	FALSE
0,112	0,314	0,005	0,013	0,162	FALSE
-0,050	0,294	-0,001	0,011	0,046	FALSE
-0,140	0,319	-0,005	0,012	0,180	FALSE
-0,149	0,312	-0,005	0,011	0,189	FALSE
-0,030	0,309	-0,001	0,007	0,035	FALSE
-0,119	0,309	-0,003	0,009	0,139	FALSE
-0,092	0,309	-0,002	0,007	0,095	FALSE
-0,016	0,311	0,000	0,011	0,010	FALSE
-0,048	0,318	-0,002	0,009	0,063	FALSE
0,086	0,297	0,004	0,012	0,132	FALSE
0,074	0,308	0,004	0,012	0,144	FALSE
0,060	0,309	0,002	0,009	0,084	FALSE
-0,062	0,294	-0,002	0,008	0,097	FALSE
0,010	0,309	0,000	0,012	0,012	FALSE
-0,071	0,302	-0,002	0,009	0,097	FALSE
-0,079	0,308	-0,003	0,009	0,112	FALSE
-0,078	0,305	-0,002	0,006	0,131	FALSE
-0,004	0,309	0,000	0,011	0,008	FALSE
-0,099	0,298	-0,002	0,007	0,102	FALSE
0,063	0,296	0,001	0,009	0,049	FALSE
0,114	0,307	0,003	0,007	0,140	FALSE
0,023	0,301	0,001	0,012	0,039	FALSE
-0,088	0,314	-0,002	0,007	0,119	FALSE
0,008	0,301	0,000	0,006	0,005	FALSE
-0,001	0,308	0,001	0,010	0,023	FALSE
-0,052	0,312	0,000	0,007	0,011	FALSE

0,013	0,304	0,000	0,012	0,005	FALSE
0,094	0,308	0,004	0,010	0,145	FALSE
-0,025	0,305	-0,001	0,009	0,030	FALSE
-0,115	0,301	-0,002	0,008	0,126	FALSE
0,041	0,308	0,002	0,012	0,063	FALSE
0,042	0,311	0,002	0,011	0,058	FALSE
-0,125	0,292	-0,006	0,012	0,186	FALSE
0,064	0,298	0,001	0,009	0,056	FALSE
0,050	0,307	0,001	0,006	0,045	FALSE
0,083	0,310	0,002	0,007	0,124	FALSE
-0,094	0,296	-0,004	0,012	0,142	FALSE
0,161	0,304	0,006	0,011	0,236	FALSE
0,137	0,306	0,005	0,011	0,192	FALSE
0,153	0,315	0,006	0,011	0,244	FALSE
-0,103	0,294	-0,003	0,011	0,126	FALSE
0,010	0,309	-0,001	0,013	0,028	FALSE
-0,063	0,294	-0,002	0,013	0,057	FALSE
0,041	0,317	0,001	0,009	0,036	FALSE
0,081	0,296	0,003	0,007	0,150	FALSE
0,059	0,322	0,002	0,012	0,059	FALSE
-0,110	0,302	-0,003	0,012	0,108	FALSE
0,030	0,304	0,000	0,007	0,016	FALSE
0,149	0,312	0,006	0,013	0,182	FALSE
0,019	0,327	0,000	0,014	0,010	FALSE
-0,071	0,317	-0,002	0,012	0,073	FALSE
0,010	0,316	0,000	0,010	0,006	FALSE
-0,078	0,319	-0,003	0,011	0,091	FALSE
-0,035	0,300	-0,001	0,013	0,015	FALSE
0,019	0,304	0,000	0,006	0,014	FALSE
0,063	0,293	0,001	0,006	0,062	FALSE
-0,030	0,294	0,000	0,009	0,005	FALSE
0,127	0,302	0,004	0,012	0,153	FALSE
0,106	0,307	0,005	0,011	0,182	FALSE
-0,047	0,319	-0,001	0,010	0,033	FALSE
-0,047	0,305	-0,001	0,012	0,033	FALSE
0,033	0,304	0,000	0,007	0,022	FALSE
0,086	0,314	0,002	0,007	0,111	FALSE
0,103	0,307	0,003	0,011	0,123	FALSE
0,148	0,293	0,005	0,011	0,203	FALSE
0,067	0,296	0,002	0,012	0,075	FALSE
-0,096	0,305	-0,002	0,007	0,114	FALSE
0,043	0,308	0,001	0,008	0,048	FALSE
0,010	0,297	0,000	0,009	0,005	FALSE
-0,058	0,308	-0,003	0,010	0,099	FALSE
0,139	0,299	0,005	0,011	0,182	FALSE
-0,067	0,292	-0,001	0,008	0,055	FALSE
-0,057	0,299	-0,002	0,012	0,054	FALSE
-0,073	0,298	-0,002	0,011	0,069	FALSE
-0,101	0,285	-0,003	0,011	0,117	FALSE
-0,086	0,306	-0,003	0,012	0,092	FALSE
0,016	0,310	0,000	0,010	0,008	FALSE
-0,076	0,306	-0,003	0,010	0,115	FALSE
-0,059	0,319	-0,002	0,010	0,068	FALSE

0,001	0,304	0,000	0,010	0,013	FALSE
0,046	0,307	0,002	0,011	0,069	FALSE
0,070	0,296	0,003	0,010	0,097	FALSE
-0,044	0,309	-0,001	0,007	0,052	FALSE
-0,002	0,306	0,000	0,007	0,015	FALSE
0,064	0,309	0,003	0,013	0,094	FALSE
0,057	0,322	0,002	0,007	0,085	FALSE
-0,015	0,287	0,000	0,007	0,020	FALSE
-0,141	0,314	-0,005	0,011	0,194	FALSE
0,077	0,316	0,003	0,012	0,111	FALSE
-0,034	0,304	-0,001	0,011	0,034	FALSE
0,059	0,303	0,001	0,008	0,038	FALSE
-0,052	0,320	-0,001	0,007	0,038	FALSE
-0,006	0,317	0,000	0,013	0,005	FALSE
-0,013	0,310	-0,001	0,012	0,029	FALSE
-0,045	0,296	-0,002	0,012	0,061	FALSE
-0,028	0,314	-0,001	0,012	0,034	FALSE
-0,144	0,317	-0,004	0,008	0,213	FALSE
0,078	0,307	0,003	0,010	0,112	FALSE
-0,012	0,321	-0,001	0,013	0,018	FALSE
0,071	0,307	0,003	0,012	0,085	FALSE
-0,116	0,303	-0,003	0,009	0,154	FALSE
0,014	0,305	0,000	0,013	0,013	FALSE
0,163	0,290	0,006	0,012	0,207	FALSE
0,038	0,306	0,002	0,010	0,061	FALSE
0,020	0,306	0,000	0,010	0,011	FALSE
-0,028	0,311	-0,002	0,011	0,059	FALSE
0,003	0,298	0,000	0,012	0,010	FALSE
-0,016	0,310	0,000	0,007	0,002	FALSE
-0,016	0,312	0,000	0,008	0,009	FALSE
0,042	0,310	0,003	0,013	0,074	FALSE
0,016	0,309	0,000	0,007	0,016	FALSE
-0,217	0,288	-0,011	0,013	0,417	FALSE
0,011	0,304	0,001	0,010	0,039	FALSE
0,004	0,294	0,001	0,012	0,030	FALSE
-0,064	0,306	-0,001	0,006	0,062	FALSE
-0,043	0,308	-0,001	0,009	0,042	FALSE
-0,080	0,309	-0,003	0,008	0,129	FALSE
-0,003	0,293	0,000	0,011	0,010	FALSE
-0,023	0,297	-0,001	0,007	0,028	FALSE
0,019	0,298	0,001	0,012	0,030	FALSE
-0,135	0,322	-0,003	0,008	0,140	FALSE
0,015	0,320	0,000	0,010	0,000	FALSE
0,032	0,311	0,001	0,010	0,018	FALSE
-0,059	0,318	-0,003	0,013	0,086	FALSE
0,012	0,302	0,001	0,009	0,057	FALSE
0,055	0,312	0,002	0,013	0,047	FALSE
0,052	0,311	0,002	0,012	0,047	FALSE
0,098	0,308	0,004	0,012	0,125	FALSE
0,106	0,300	0,004	0,012	0,126	FALSE
0,110	0,316	0,004	0,013	0,118	FALSE
0,032	0,324	0,002	0,010	0,068	FALSE
0,069	0,314	0,002	0,007	0,090	FALSE

0,081	0,303	0,003	0,012	0,101	FALSE
0,023	0,307	0,001	0,010	0,027	FALSE
-0,012	0,310	0,000	0,012	0,009	FALSE
0,046	0,310	0,002	0,011	0,074	FALSE
-0,114	0,301	-0,005	0,011	0,176	FALSE
0,034	0,299	0,002	0,012	0,062	FALSE
0,038	0,298	0,002	0,006	0,095	FALSE
-0,067	0,325	-0,003	0,014	0,083	FALSE
0,094	0,315	0,003	0,008	0,144	FALSE
0,020	0,315	0,000	0,007	0,002	FALSE
0,031	0,304	0,000	0,007	0,019	FALSE
-0,074	0,300	-0,002	0,008	0,103	FALSE
-0,014	0,321	0,000	0,014	0,009	FALSE
0,200	0,296	0,004	0,006	0,296	FALSE
0,063	0,306	0,002	0,008	0,080	FALSE
0,101	0,316	0,005	0,012	0,162	FALSE
-0,109	0,311	-0,004	0,013	0,142	FALSE
-0,024	0,294	-0,001	0,008	0,038	FALSE
-0,103	0,316	-0,005	0,012	0,156	FALSE
-0,071	0,298	-0,002	0,009	0,094	FALSE
-0,093	0,302	-0,003	0,013	0,088	FALSE
0,102	0,292	0,003	0,009	0,146	FALSE
-0,061	0,291	-0,001	0,012	0,027	FALSE
0,032	0,312	0,001	0,009	0,049	FALSE
0,052	0,311	0,002	0,012	0,067	FALSE
0,038	0,323	0,001	0,008	0,033	FALSE
0,102	0,300	0,003	0,011	0,110	FALSE
0,163	0,279	0,008	0,012	0,297	FALSE
-0,052	0,315	-0,003	0,010	0,091	FALSE
-0,154	0,301	-0,007	0,012	0,255	FALSE
-0,039	0,323	-0,001	0,008	0,028	FALSE
-0,091	0,296	-0,002	0,007	0,132	FALSE
-0,051	0,310	-0,002	0,009	0,075	FALSE
-0,048	0,301	-0,002	0,013	0,060	FALSE
0,011	0,314	0,001	0,007	0,035	FALSE
0,093	0,305	0,003	0,007	0,143	FALSE
-0,038	0,313	-0,001	0,013	0,036	FALSE
0,027	0,307	0,001	0,006	0,036	FALSE
-0,001	0,300	0,000	0,007	0,011	FALSE
0,039	0,312	0,002	0,013	0,052	FALSE
0,032	0,292	0,002	0,012	0,068	FALSE
0,025	0,302	0,001	0,008	0,024	FALSE
-0,004	0,309	0,000	0,011	0,010	FALSE
-0,001	0,306	0,000	0,008	0,001	FALSE
-0,183	0,305	-0,006	0,010	0,279	FALSE
0,033	0,309	0,001	0,008	0,053	FALSE
0,041	0,310	0,001	0,009	0,048	FALSE
0,096	0,305	0,004	0,011	0,129	FALSE
0,116	0,295	0,004	0,010	0,170	FALSE
0,008	0,304	0,001	0,010	0,039	FALSE
-0,047	0,311	-0,001	0,010	0,052	FALSE
0,070	0,311	0,002	0,007	0,100	FALSE
0,106	0,296	0,002	0,007	0,133	FALSE

0,080	0,304	0,002	0,009	0,098	FALSE
-0,084	0,310	-0,002	0,007	0,117	FALSE
0,068	0,316	0,002	0,010	0,081	FALSE
-0,022	0,305	-0,001	0,008	0,027	FALSE
0,044	0,304	0,001	0,007	0,061	FALSE
0,073	0,306	0,003	0,010	0,105	FALSE
-0,063	0,315	-0,001	0,010	0,046	FALSE
-0,063	0,309	-0,002	0,009	0,076	FALSE
-0,049	0,314	-0,001	0,012	0,037	FALSE
-0,092	0,310	-0,003	0,012	0,091	FALSE
0,017	0,297	0,000	0,007	0,005	FALSE
0,041	0,304	0,003	0,013	0,097	FALSE
-0,057	0,296	-0,002	0,011	0,073	FALSE
0,030	0,308	0,001	0,013	0,034	FALSE
0,023	0,323	0,001	0,013	0,026	FALSE
0,026	0,330	0,001	0,013	0,033	FALSE
0,085	0,304	0,002	0,007	0,083	FALSE
-0,004	0,310	0,000	0,008	0,008	FALSE
-0,021	0,330	0,000	0,009	0,015	FALSE
-0,056	0,308	-0,002	0,007	0,096	FALSE
-0,021	0,306	0,000	0,011	0,016	FALSE
0,019	0,315	0,001	0,010	0,023	FALSE
-0,047	0,305	-0,001	0,007	0,065	FALSE
-0,082	0,319	-0,002	0,008	0,100	FALSE
0,041	0,317	0,001	0,008	0,067	FALSE
0,026	0,299	0,001	0,006	0,054	FALSE
0,146	0,303	0,005	0,009	0,216	FALSE
-0,037	0,294	-0,001	0,012	0,027	FALSE
-0,005	0,313	0,000	0,008	0,013	FALSE
0,099	0,291	0,003	0,008	0,135	FALSE
0,038	0,303	0,001	0,009	0,045	FALSE
0,042	0,317	0,001	0,009	0,039	FALSE
0,015	0,303	0,001	0,011	0,027	FALSE
-0,063	0,302	-0,002	0,011	0,069	FALSE
-0,027	0,307	-0,001	0,012	0,019	FALSE
0,033	0,307	0,001	0,010	0,031	FALSE
0,150	0,312	0,003	0,007	0,208	FALSE
-0,127	0,309	-0,003	0,007	0,163	FALSE
0,163	0,303	0,006	0,011	0,247	FALSE
-0,072	0,308	-0,002	0,009	0,093	FALSE
-0,154	0,312	-0,004	0,009	0,188	FALSE
-0,009	0,308	-0,001	0,007	0,027	FALSE
-0,018	0,293	-0,001	0,010	0,032	FALSE
-0,083	0,281	-0,002	0,007	0,104	FALSE
0,015	0,322	0,000	0,013	0,004	FALSE
0,062	0,318	0,003	0,013	0,073	FALSE
-0,019	0,297	-0,001	0,011	0,032	FALSE
-0,080	0,304	-0,002	0,008	0,108	FALSE
-0,019	0,307	-0,001	0,009	0,022	FALSE
0,143	0,306	0,006	0,013	0,194	FALSE
0,111	0,306	0,004	0,013	0,134	FALSE
0,096	0,312	0,004	0,013	0,114	FALSE
0,134	0,305	0,005	0,010	0,210	FALSE

-0,025	0,301	-0,001	0,008	0,033	FALSE
0,130	0,308	0,006	0,011	0,209	FALSE
0,150	0,320	0,006	0,010	0,242	FALSE
-0,085	0,305	-0,002	0,006	0,124	FALSE
0,127	0,301	0,004	0,008	0,214	FALSE
-0,061	0,300	-0,001	0,008	0,056	FALSE
-0,018	0,306	-0,001	0,008	0,051	FALSE
0,028	0,313	0,001	0,010	0,048	FALSE
0,017	0,303	0,000	0,007	0,019	FALSE
0,023	0,310	0,001	0,007	0,047	FALSE
-0,019	0,303	-0,001	0,012	0,026	FALSE
-0,008	0,305	0,000	0,010	0,014	FALSE
-0,008	0,305	0,000	0,010	0,011	FALSE
0,117	0,305	0,005	0,013	0,154	FALSE
-0,112	0,317	-0,003	0,007	0,153	FALSE
0,059	0,306	0,002	0,009	0,068	FALSE
-0,002	0,314	0,001	0,011	0,017	FALSE
-0,158	0,303	-0,006	0,010	0,252	FALSE
0,067	0,317	0,002	0,011	0,076	FALSE
0,118	0,306	0,004	0,010	0,177	FALSE
0,055	0,298	0,002	0,008	0,084	FALSE
0,124	0,321	0,002	0,007	0,146	FALSE
0,007	0,327	0,000	0,013	0,005	FALSE
-0,013	0,306	0,000	0,010	0,002	FALSE
0,042	0,296	0,001	0,006	0,080	FALSE
-0,034	0,315	-0,001	0,007	0,039	FALSE
-0,060	0,294	-0,002	0,011	0,075	FALSE
-0,051	0,309	-0,001	0,007	0,033	FALSE
0,072	0,314	0,003	0,010	0,097	FALSE
0,022	0,313	0,000	0,011	0,012	FALSE
-0,197	0,291	-0,008	0,012	0,306	FALSE
-0,116	0,295	-0,005	0,011	0,196	FALSE
0,131	0,300	0,003	0,009	0,158	FALSE
0,050	0,300	0,002	0,012	0,049	FALSE
-0,066	0,323	-0,003	0,013	0,089	FALSE
-0,072	0,311	-0,004	0,013	0,108	FALSE
-0,011	0,308	0,000	0,007	0,019	FALSE
0,073	0,305	0,003	0,011	0,120	FALSE
0,027	0,306	0,002	0,012	0,047	FALSE
0,008	0,295	0,001	0,008	0,028	FALSE
0,072	0,317	0,001	0,007	0,078	FALSE
0,033	0,314	0,001	0,007	0,050	FALSE
0,083	0,301	0,004	0,012	0,131	FALSE
-0,034	0,300	-0,001	0,007	0,074	FALSE
-0,216	0,299	-0,009	0,012	0,347	FALSE
0,096	0,320	0,003	0,011	0,119	FALSE
-0,085	0,310	-0,002	0,010	0,090	FALSE
-0,038	0,300	-0,002	0,012	0,054	FALSE
0,026	0,311	0,001	0,008	0,044	FALSE
0,013	0,301	0,000	0,012	0,005	FALSE
0,102	0,301	0,003	0,010	0,133	FALSE
0,013	0,312	0,000	0,007	0,003	FALSE
0,104	0,308	0,003	0,009	0,151	FALSE

0,077	0,323	0,004	0,013	0,111	FALSE
0,053	0,324	0,002	0,013	0,042	FALSE
-0,004	0,319	0,000	0,013	0,001	FALSE
-0,016	0,313	0,001	0,010	0,019	FALSE
-0,046	0,308	-0,001	0,006	0,075	FALSE
-0,077	0,303	-0,002	0,008	0,081	FALSE
-0,078	0,312	-0,002	0,008	0,079	FALSE
-0,088	0,312	-0,002	0,008	0,091	FALSE
-0,065	0,292	-0,002	0,008	0,095	FALSE
-0,050	0,306	-0,001	0,007	0,055	FALSE
0,063	0,312	0,002	0,012	0,046	FALSE
0,048	0,293	0,001	0,012	0,041	FALSE
0,076	0,307	0,003	0,010	0,122	FALSE
-0,067	0,324	-0,001	0,008	0,060	FALSE
0,109	0,297	0,005	0,013	0,166	FALSE
0,045	0,302	0,000	0,006	0,010	FALSE
0,038	0,303	0,001	0,007	0,048	FALSE
-0,070	0,309	-0,002	0,009	0,089	FALSE
-0,087	0,311	-0,003	0,010	0,107	FALSE
-0,082	0,303	-0,002	0,009	0,093	FALSE
-0,122	0,317	-0,003	0,009	0,143	FALSE
-0,006	0,306	0,000	0,007	0,007	FALSE
-0,020	0,312	0,000	0,007	0,023	FALSE
-0,061	0,308	-0,002	0,009	0,069	FALSE
0,029	0,298	0,001	0,012	0,042	FALSE
-0,063	0,306	-0,002	0,012	0,060	FALSE
-0,010	0,314	0,000	0,006	0,015	FALSE
-0,058	0,315	-0,002	0,013	0,052	FALSE
0,005	0,306	0,000	0,010	0,001	FALSE
0,078	0,306	0,003	0,013	0,093	FALSE
-0,086	0,314	-0,002	0,008	0,095	FALSE
0,071	0,300	0,002	0,012	0,053	FALSE
-0,032	0,310	0,000	0,011	0,008	FALSE
0,165	0,308	0,004	0,010	0,192	FALSE
0,052	0,298	0,001	0,012	0,021	FALSE
0,071	0,308	0,003	0,011	0,109	FALSE
0,120	0,302	0,003	0,007	0,170	FALSE
0,111	0,306	0,004	0,008	0,181	FALSE
-0,033	0,313	-0,001	0,007	0,035	FALSE
-0,042	0,307	-0,002	0,009	0,086	FALSE
-0,172	0,289	-0,005	0,010	0,238	FALSE
-0,045	0,310	-0,001	0,008	0,057	FALSE
0,003	0,316	0,001	0,009	0,021	FALSE
0,064	0,310	0,003	0,013	0,076	FALSE
-0,119	0,311	-0,002	0,007	0,134	FALSE
-0,081	0,305	-0,004	0,012	0,115	FALSE
0,002	0,307	0,000	0,009	0,010	FALSE
-0,063	0,300	-0,002	0,012	0,067	FALSE
0,011	0,314	0,001	0,008	0,033	FALSE
-0,037	0,311	-0,001	0,009	0,031	FALSE
-0,018	0,295	0,000	0,009	0,011	FALSE
-0,127	0,312	-0,004	0,013	0,138	FALSE
-0,045	0,318	-0,002	0,010	0,070	FALSE

0,064	0,306	0,002	0,007	0,106	FALSE
0,085	0,313	0,004	0,013	0,118	FALSE
0,022	0,309	0,000	0,010	0,012	FALSE
-0,017	0,309	-0,001	0,010	0,029	FALSE
-0,081	0,314	-0,002	0,009	0,078	FALSE
0,104	0,300	0,003	0,008	0,166	FALSE
0,095	0,307	0,002	0,007	0,098	FALSE
0,079	0,298	0,001	0,007	0,079	FALSE
-0,130	0,295	-0,005	0,010	0,192	FALSE
-0,071	0,315	-0,002	0,009	0,081	FALSE
0,098	0,312	0,004	0,012	0,124	FALSE
0,087	0,303	0,004	0,012	0,113	FALSE
0,041	0,300	0,001	0,013	0,016	FALSE
0,121	0,304	0,003	0,009	0,136	FALSE
-0,077	0,313	-0,003	0,009	0,108	FALSE
0,226	0,292	0,005	0,007	0,319	FALSE
0,104	0,309	0,005	0,013	0,146	FALSE
-0,040	0,303	-0,002	0,011	0,070	FALSE
0,093	0,306	0,003	0,010	0,134	FALSE
-0,129	0,299	-0,004	0,011	0,160	FALSE
-0,185	0,307	-0,007	0,011	0,267	FALSE
-0,187	0,291	-0,006	0,010	0,287	FALSE
-0,020	0,313	-0,001	0,009	0,032	FALSE
-0,010	0,312	0,000	0,008	0,004	FALSE
0,067	0,307	0,003	0,013	0,086	FALSE
-0,184	0,306	-0,007	0,012	0,259	FALSE
0,077	0,305	0,003	0,008	0,139	FALSE
0,070	0,303	0,002	0,008	0,108	FALSE
-0,051	0,309	-0,001	0,007	0,066	FALSE
-0,027	0,310	0,000	0,007	0,023	FALSE
0,096	0,310	0,002	0,010	0,090	FALSE
-0,014	0,313	0,000	0,010	0,006	FALSE
0,071	0,310	0,001	0,008	0,060	FALSE
0,031	0,293	0,002	0,010	0,071	FALSE
-0,135	0,311	-0,006	0,013	0,183	FALSE
0,031	0,301	0,001	0,012	0,041	FALSE
-0,069	0,300	-0,002	0,011	0,081	FALSE
-0,026	0,302	-0,001	0,008	0,039	FALSE
-0,033	0,319	-0,002	0,011	0,056	FALSE
-0,028	0,305	-0,001	0,007	0,053	FALSE
-0,042	0,304	-0,001	0,012	0,040	FALSE
-0,058	0,312	-0,002	0,012	0,055	FALSE
-0,007	0,301	-0,001	0,010	0,028	FALSE
0,168	0,292	0,003	0,007	0,201	FALSE
-0,017	0,284	0,001	0,011	0,018	FALSE
0,034	0,304	0,002	0,013	0,047	FALSE
0,142	0,292	0,006	0,012	0,207	FALSE
-0,029	0,308	0,000	0,007	0,020	FALSE
-0,010	0,297	0,000	0,013	0,006	FALSE
-0,034	0,307	-0,001	0,009	0,022	FALSE
-0,011	0,313	0,000	0,007	0,003	FALSE
0,012	0,302	0,001	0,011	0,025	FALSE
-0,101	0,314	-0,003	0,007	0,148	FALSE

0,122	0,303	0,007	0,013	0,225	FALSE
0,074	0,324	0,003	0,011	0,108	FALSE
-0,022	0,314	0,000	0,008	0,011	FALSE
-0,029	0,301	0,000	0,008	0,008	FALSE
0,049	0,306	0,003	0,011	0,088	FALSE
-0,144	0,308	-0,003	0,007	0,174	FALSE
-0,058	0,311	-0,001	0,007	0,047	FALSE
0,015	0,313	0,000	0,009	0,001	FALSE
-0,199	0,291	-0,009	0,012	0,336	FALSE
-0,110	0,301	-0,004	0,009	0,158	FALSE
-0,039	0,314	-0,001	0,008	0,060	FALSE
-0,098	0,287	-0,004	0,012	0,112	FALSE
-0,046	0,299	-0,002	0,009	0,077	FALSE
0,000	0,296	0,001	0,008	0,025	FALSE
-0,057	0,309	-0,003	0,011	0,097	FALSE
-0,029	0,298	-0,001	0,007	0,040	FALSE
-0,036	0,311	-0,001	0,013	0,036	FALSE
-0,013	0,307	0,000	0,009	0,010	FALSE
-0,094	0,315	-0,002	0,007	0,083	FALSE
-0,030	0,294	-0,001	0,012	0,027	FALSE
-0,038	0,311	-0,002	0,013	0,069	FALSE
0,057	0,312	0,002	0,010	0,085	FALSE
0,051	0,309	0,003	0,012	0,082	FALSE
-0,119	0,291	-0,002	0,007	0,133	FALSE
-0,076	0,300	-0,004	0,012	0,130	FALSE
0,043	0,317	0,002	0,012	0,071	FALSE
0,135	0,291	0,004	0,008	0,235	FALSE
0,150	0,307	0,006	0,012	0,190	FALSE
-0,019	0,307	-0,001	0,008	0,024	FALSE
-0,003	0,312	0,000	0,011	0,006	FALSE
0,018	0,302	0,002	0,012	0,065	FALSE
-0,037	0,298	-0,001	0,012	0,020	FALSE
-0,114	0,305	-0,002	0,007	0,149	FALSE
-0,192	0,296	-0,006	0,011	0,258	FALSE
-0,095	0,312	-0,002	0,009	0,100	FALSE
0,023	0,302	0,001	0,009	0,047	FALSE
0,035	0,309	0,001	0,009	0,044	FALSE
0,017	0,302	0,001	0,007	0,042	FALSE
-0,071	0,305	-0,001	0,007	0,077	FALSE
-0,124	0,307	-0,003	0,006	0,162	FALSE
0,000	0,324	0,000	0,008	0,013	FALSE
-0,053	0,315	-0,001	0,007	0,073	FALSE
-0,071	0,303	-0,001	0,007	0,078	FALSE
0,013	0,315	0,000	0,013	0,007	FALSE
-0,051	0,319	-0,002	0,012	0,068	FALSE
0,048	0,307	0,001	0,007	0,076	FALSE
-0,070	0,296	-0,002	0,009	0,094	FALSE
0,013	0,313	0,000	0,007	0,016	FALSE
0,080	0,314	0,002	0,008	0,105	FALSE
0,059	0,312	0,002	0,011	0,058	FALSE
0,123	0,307	0,005	0,011	0,177	FALSE
0,008	0,311	0,000	0,013	0,008	FALSE
-0,092	0,312	-0,001	0,006	0,085	FALSE

-0,059	0,320	-0,002	0,013	0,057	FALSE
-0,012	0,316	-0,001	0,011	0,025	FALSE
-0,076	0,285	-0,002	0,010	0,065	FALSE
-0,032	0,309	0,000	0,007	0,023	FALSE
-0,041	0,315	-0,001	0,010	0,032	FALSE
-0,011	0,305	0,000	0,013	0,006	FALSE
0,045	0,304	0,002	0,009	0,100	FALSE
0,032	0,298	0,002	0,009	0,068	FALSE
0,063	0,299	0,002	0,009	0,104	FALSE
-0,053	0,314	-0,002	0,012	0,070	FALSE
0,019	0,312	0,000	0,008	0,019	FALSE
0,005	0,297	0,001	0,006	0,051	FALSE
0,048	0,318	0,002	0,007	0,094	FALSE
-0,049	0,299	-0,001	0,007	0,047	FALSE
-0,016	0,295	0,000	0,009	0,015	FALSE
-0,031	0,300	-0,001	0,012	0,034	FALSE
0,107	0,310	0,005	0,011	0,191	FALSE
0,055	0,312	0,001	0,011	0,036	FALSE
-0,021	0,307	0,001	0,010	0,019	FALSE
-0,054	0,313	-0,002	0,006	0,093	FALSE
0,000	0,334	-0,001	0,013	0,029	FALSE
0,156	0,314	0,006	0,012	0,204	FALSE
-0,053	0,314	-0,001	0,010	0,049	FALSE
-0,012	0,305	0,000	0,007	0,019	FALSE
-0,084	0,318	-0,002	0,007	0,107	FALSE
-0,126	0,297	-0,003	0,007	0,172	FALSE
-0,068	0,306	-0,002	0,010	0,058	FALSE
0,009	0,296	0,001	0,011	0,023	FALSE
-0,074	0,294	-0,003	0,008	0,117	FALSE
-0,114	0,309	-0,002	0,007	0,142	FALSE
0,015	0,297	0,000	0,008	0,004	FALSE
0,037	0,302	0,001	0,010	0,039	FALSE
0,056	0,326	0,002	0,013	0,050	FALSE
-0,079	0,317	-0,004	0,013	0,126	FALSE
-0,055	0,322	-0,002	0,010	0,064	FALSE
-0,002	0,316	0,000	0,011	0,002	FALSE
0,149	0,288	0,006	0,012	0,192	FALSE
0,077	0,306	0,002	0,007	0,109	FALSE
0,032	0,305	0,001	0,007	0,034	FALSE
0,063	0,304	0,001	0,007	0,071	FALSE
-0,011	0,317	0,000	0,011	0,005	FALSE
-0,083	0,308	-0,003	0,010	0,127	FALSE
0,014	0,304	0,001	0,013	0,015	FALSE
0,016	0,301	0,000	0,008	0,007	FALSE
0,006	0,313	0,000	0,008	0,001	FALSE
0,016	0,312	0,000	0,008	0,009	FALSE
0,072	0,314	0,002	0,010	0,087	FALSE
-0,090	0,312	-0,003	0,009	0,141	FALSE
0,010	0,301	0,000	0,010	0,005	FALSE
-0,040	0,310	-0,001	0,012	0,035	FALSE
-0,074	0,299	-0,002	0,006	0,099	FALSE
0,034	0,304	0,001	0,007	0,070	FALSE
0,049	0,315	0,002	0,013	0,072	FALSE

0,096	0,303	0,005	0,011	0,170	FALSE
0,018	0,318	0,001	0,009	0,025	FALSE
-0,127	0,301	-0,004	0,010	0,177	FALSE
0,000	0,322	0,000	0,009	0,012	FALSE
-0,018	0,310	-0,001	0,010	0,030	FALSE
-0,008	0,300	0,000	0,007	0,004	FALSE
0,018	0,308	0,001	0,007	0,042	FALSE
-0,244	0,301	-0,010	0,012	0,376	FALSE
-0,073	0,318	-0,002	0,009	0,087	FALSE
0,005	0,304	0,000	0,006	0,020	FALSE
-0,081	0,304	-0,001	0,008	0,051	FALSE
-0,080	0,303	-0,003	0,012	0,102	FALSE
0,076	0,316	0,003	0,012	0,103	FALSE
0,079	0,304	0,002	0,008	0,092	FALSE
0,046	0,313	0,001	0,008	0,030	FALSE
0,082	0,309	0,002	0,008	0,093	FALSE
0,129	0,291	0,003	0,008	0,167	FALSE
0,133	0,290	0,003	0,008	0,176	FALSE
0,133	0,310	0,003	0,007	0,154	FALSE
0,007	0,293	0,000	0,012	0,006	FALSE
-0,051	0,313	-0,002	0,009	0,081	FALSE
-0,095	0,320	-0,002	0,006	0,138	FALSE
0,010	0,311	0,000	0,007	0,004	FALSE
-0,035	0,308	-0,001	0,006	0,050	FALSE
0,016	0,320	0,001	0,013	0,026	FALSE
-0,041	0,309	-0,002	0,012	0,050	FALSE
-0,095	0,292	-0,004	0,011	0,133	FALSE
-0,096	0,301	-0,004	0,011	0,121	FALSE
-0,108	0,319	-0,003	0,009	0,122	FALSE
0,051	0,299	0,003	0,012	0,098	FALSE
0,021	0,296	0,001	0,007	0,042	FALSE
-0,014	0,319	-0,001	0,012	0,019	FALSE
-0,039	0,323	-0,001	0,009	0,046	FALSE
0,017	0,323	0,001	0,011	0,035	FALSE
-0,049	0,323	-0,001	0,009	0,037	FALSE
0,080	0,327	0,002	0,006	0,099	FALSE
-0,003	0,308	0,000	0,008	0,008	FALSE
0,062	0,296	0,002	0,011	0,080	FALSE
0,037	0,308	0,001	0,007	0,049	FALSE
-0,077	0,308	-0,004	0,013	0,118	FALSE
-0,034	0,295	-0,002	0,007	0,079	FALSE
-0,082	0,294	-0,003	0,007	0,134	FALSE
-0,020	0,325	-0,001	0,008	0,049	FALSE
0,081	0,304	0,002	0,009	0,074	FALSE
0,182	0,295	0,004	0,008	0,216	FALSE
-0,023	0,316	0,000	0,011	0,004	FALSE
0,118	0,305	0,004	0,012	0,137	FALSE
0,107	0,305	0,004	0,013	0,123	FALSE
0,057	0,302	0,001	0,007	0,039	FALSE
0,044	0,315	0,001	0,009	0,044	FALSE
-0,084	0,315	-0,003	0,011	0,108	FALSE
0,009	0,302	0,001	0,011	0,023	FALSE
0,073	0,314	0,002	0,009	0,061	FALSE

0,068	0,304	0,002	0,006	0,119	FALSE
0,060	0,302	0,001	0,008	0,052	FALSE
0,216	0,289	0,007	0,011	0,287	FALSE
-0,118	0,301	-0,004	0,013	0,136	FALSE
0,102	0,309	0,002	0,007	0,124	FALSE
-0,077	0,293	-0,001	0,007	0,061	FALSE
-0,008	0,313	-0,001	0,011	0,038	FALSE
0,029	0,300	0,001	0,008	0,028	FALSE
0,028	0,313	0,001	0,010	0,032	FALSE
0,036	0,306	0,001	0,008	0,066	FALSE
0,028	0,303	0,001	0,011	0,028	FALSE
0,036	0,317	0,001	0,008	0,041	FALSE
0,029	0,312	0,001	0,006	0,038	FALSE
-0,168	0,294	-0,004	0,010	0,177	FALSE
0,038	0,298	0,001	0,007	0,039	FALSE
0,122	0,304	0,003	0,006	0,186	FALSE
0,044	0,309	0,001	0,011	0,031	FALSE
-0,094	0,312	-0,002	0,007	0,114	FALSE
0,027	0,306	0,000	0,010	0,010	FALSE
-0,025	0,310	-0,001	0,010	0,023	FALSE
0,006	0,293	-0,001	0,013	0,019	FALSE
-0,101	0,308	-0,002	0,008	0,115	FALSE
0,060	0,305	0,003	0,013	0,085	FALSE
0,044	0,305	0,002	0,013	0,050	FALSE
0,096	0,319	0,003	0,010	0,129	FALSE
0,049	0,308	0,001	0,007	0,051	FALSE
0,034	0,294	0,002	0,011	0,072	FALSE
-0,066	0,305	-0,003	0,010	0,118	FALSE
0,059	0,306	0,002	0,013	0,070	FALSE
-0,070	0,307	-0,002	0,009	0,090	FALSE
0,031	0,297	0,000	0,009	0,018	FALSE
0,014	0,309	0,000	0,007	0,013	FALSE
-0,029	0,317	-0,001	0,010	0,026	FALSE
-0,032	0,314	-0,001	0,013	0,037	FALSE
-0,042	0,309	0,000	0,007	0,022	FALSE
0,060	0,315	0,003	0,012	0,080	FALSE
-0,006	0,324	0,000	0,009	0,009	FALSE
-0,021	0,295	-0,001	0,007	0,029	FALSE
0,079	0,311	0,003	0,012	0,102	FALSE
0,058	0,302	0,002	0,007	0,092	FALSE
-0,052	0,297	-0,002	0,011	0,058	FALSE
-0,027	0,303	-0,001	0,011	0,017	FALSE
0,000	0,306	0,000	0,006	0,010	FALSE
0,067	0,291	0,002	0,011	0,063	FALSE
-0,150	0,313	-0,004	0,008	0,216	FALSE
0,036	0,300	0,000	0,008	0,014	FALSE
-0,060	0,308	-0,001	0,006	0,086	FALSE
0,058	0,300	0,001	0,007	0,064	FALSE
0,067	0,315	0,002	0,007	0,080	FALSE
-0,058	0,302	-0,003	0,013	0,076	FALSE
-0,001	0,309	0,000	0,007	0,005	FALSE
0,018	0,327	0,000	0,008	0,009	FALSE
-0,039	0,296	-0,001	0,008	0,051	FALSE

0,130	0,305	0,006	0,013	0,208	FALSE
0,088	0,301	0,005	0,013	0,169	FALSE
-0,047	0,298	-0,002	0,009	0,077	FALSE
0,019	0,305	0,000	0,010	0,006	FALSE
-0,115	0,318	-0,005	0,013	0,169	FALSE
-0,157	0,302	-0,003	0,007	0,199	FALSE
0,013	0,315	0,000	0,012	0,004	FALSE
0,053	0,316	0,003	0,010	0,101	FALSE
0,214	0,301	0,005	0,007	0,306	FALSE
0,139	0,298	0,005	0,009	0,211	FALSE
0,126	0,310	0,003	0,007	0,200	FALSE
0,005	0,307	0,000	0,009	0,005	FALSE
-0,015	0,319	0,000	0,008	0,010	FALSE
-0,085	0,297	-0,002	0,008	0,099	FALSE
-0,001	0,320	0,000	0,013	0,005	FALSE
0,017	0,312	0,000	0,007	0,025	FALSE
-0,067	0,305	-0,003	0,011	0,095	FALSE
-0,140	0,308	-0,003	0,007	0,169	FALSE
0,083	0,296	0,003	0,008	0,155	FALSE
0,014	0,311	0,001	0,007	0,028	FALSE
-0,044	0,305	-0,001	0,008	0,045	FALSE
-0,047	0,321	-0,002	0,014	0,068	FALSE
-0,026	0,310	0,000	0,006	0,018	FALSE
-0,008	0,316	0,000	0,008	0,005	FALSE
0,064	0,299	0,003	0,012	0,096	FALSE
0,065	0,318	0,002	0,007	0,103	FALSE
0,058	0,311	0,001	0,007	0,055	FALSE
-0,043	0,301	-0,002	0,012	0,053	FALSE
0,154	0,305	0,005	0,009	0,223	FALSE
0,074	0,309	0,003	0,012	0,096	FALSE
0,025	0,310	0,001	0,012	0,027	FALSE
-0,097	0,311	-0,004	0,012	0,129	FALSE
-0,018	0,308	0,000	0,009	0,005	FALSE
0,020	0,296	0,001	0,008	0,044	FALSE
0,083	0,304	0,002	0,006	0,112	FALSE
0,074	0,306	0,003	0,010	0,103	FALSE
-0,103	0,301	-0,003	0,008	0,132	FALSE
0,034	0,305	0,001	0,009	0,036	FALSE
-0,006	0,308	-0,001	0,010	0,053	FALSE
-0,047	0,311	-0,001	0,010	0,023	FALSE
-0,021	0,305	-0,001	0,009	0,057	FALSE
-0,026	0,303	0,000	0,008	0,017	FALSE
-0,061	0,306	-0,002	0,010	0,080	FALSE
0,023	0,314	0,000	0,009	0,018	FALSE
0,029	0,317	0,001	0,011	0,027	FALSE
0,123	0,312	0,003	0,008	0,135	FALSE
-0,047	0,313	-0,001	0,008	0,027	FALSE
0,050	0,302	0,001	0,007	0,057	FALSE
-0,036	0,292	-0,002	0,012	0,058	FALSE
0,084	0,303	0,003	0,011	0,095	FALSE
0,094	0,301	0,004	0,012	0,117	FALSE
-0,128	0,312	-0,006	0,013	0,197	FALSE
0,051	0,307	0,002	0,012	0,050	FALSE

-0,129	0,306	-0,006	0,013	0,185	FALSE
0,072	0,314	0,003	0,012	0,100	FALSE
0,150	0,300	0,004	0,008	0,217	FALSE
0,054	0,310	0,002	0,013	0,061	FALSE
0,063	0,318	0,002	0,008	0,085	FALSE
-0,220	0,303	-0,010	0,012	0,373	FALSE
0,042	0,306	0,001	0,006	0,062	FALSE
0,088	0,314	0,002	0,008	0,106	FALSE
-0,054	0,302	-0,002	0,010	0,059	FALSE
-0,021	0,318	-0,001	0,011	0,027	FALSE
-0,038	0,312	-0,002	0,011	0,051	FALSE
0,016	0,313	0,001	0,011	0,027	FALSE
-0,015	0,314	-0,001	0,011	0,023	FALSE
0,008	0,288	0,001	0,011	0,026	FALSE
0,069	0,307	0,002	0,009	0,079	FALSE
-0,018	0,311	0,000	0,007	0,002	FALSE
0,038	0,319	0,001	0,013	0,039	FALSE
0,030	0,294	0,002	0,012	0,052	FALSE
-0,152	0,300	-0,006	0,012	0,211	FALSE
-0,173	0,307	-0,004	0,007	0,250	FALSE
0,059	0,307	0,002	0,010	0,090	FALSE
0,075	0,319	0,003	0,013	0,080	FALSE
0,074	0,300	0,003	0,010	0,101	FALSE
0,093	0,305	0,003	0,012	0,114	FALSE
0,140	0,318	0,004	0,007	0,209	FALSE
-0,020	0,305	-0,001	0,012	0,021	FALSE
0,034	0,306	0,001	0,011	0,029	FALSE
0,080	0,293	0,004	0,011	0,131	FALSE
0,095	0,294	0,002	0,008	0,111	FALSE
0,086	0,296	0,002	0,008	0,093	FALSE
-0,015	0,296	0,000	0,010	0,004	FALSE
0,084	0,294	0,002	0,011	0,078	FALSE
-0,082	0,295	-0,004	0,012	0,136	FALSE
-0,008	0,305	0,000	0,006	0,022	FALSE
0,058	0,308	0,002	0,007	0,088	FALSE
0,048	0,307	0,001	0,007	0,043	FALSE
-0,038	0,301	-0,002	0,010	0,065	FALSE
-0,029	0,304	0,000	0,008	0,000	FALSE
-0,013	0,310	-0,001	0,010	0,037	FALSE
-0,061	0,297	-0,001	0,008	0,029	FALSE
0,015	0,315	0,000	0,012	0,007	FALSE
-0,024	0,308	0,000	0,008	0,003	FALSE
-0,044	0,297	-0,002	0,008	0,076	FALSE
-0,057	0,297	-0,001	0,013	0,028	FALSE
-0,071	0,289	-0,002	0,013	0,045	FALSE
0,024	0,320	0,002	0,013	0,054	FALSE
0,022	0,301	0,001	0,007	0,050	FALSE
0,009	0,300	0,001	0,008	0,050	FALSE
0,056	0,294	0,002	0,007	0,090	FALSE
0,044	0,293	0,002	0,011	0,059	FALSE
-0,084	0,306	-0,002	0,008	0,075	FALSE
-0,154	0,310	-0,006	0,013	0,212	FALSE
-0,151	0,312	-0,004	0,009	0,185	FALSE

-0,059	0,319	-0,002	0,009	0,094	FALSE
0,132	0,313	0,006	0,013	0,192	FALSE
0,005	0,315	0,000	0,008	0,015	FALSE
0,144	0,297	0,007	0,013	0,215	FALSE
-0,120	0,305	-0,006	0,013	0,191	FALSE
0,143	0,312	0,006	0,013	0,206	FALSE
0,166	0,298	0,006	0,011	0,219	FALSE
-0,092	0,308	-0,003	0,007	0,167	FALSE
-0,128	0,316	-0,004	0,009	0,180	FALSE
0,072	0,307	0,002	0,007	0,143	FALSE
-0,026	0,305	0,000	0,011	0,013	FALSE
-0,067	0,316	-0,003	0,011	0,087	FALSE
-0,051	0,312	-0,001	0,010	0,046	FALSE
-0,045	0,293	-0,001	0,006	0,065	FALSE
-0,009	0,300	0,000	0,008	0,007	FALSE
-0,052	0,303	-0,002	0,012	0,056	FALSE
-0,032	0,315	-0,001	0,009	0,028	FALSE
-0,064	0,315	-0,002	0,006	0,094	FALSE
-0,013	0,293	0,000	0,010	0,013	FALSE
0,135	0,301	0,004	0,011	0,163	FALSE
0,052	0,307	0,002	0,012	0,066	FALSE
0,045	0,295	0,002	0,011	0,063	FALSE
-0,057	0,313	-0,001	0,007	0,057	FALSE
-0,044	0,309	-0,001	0,010	0,018	FALSE
-0,028	0,307	-0,001	0,011	0,035	FALSE
-0,025	0,312	-0,001	0,012	0,028	FALSE
-0,116	0,308	-0,004	0,010	0,143	FALSE
-0,144	0,298	-0,004	0,008	0,208	FALSE
0,053	0,309	0,002	0,010	0,093	FALSE
-0,086	0,319	-0,002	0,006	0,117	FALSE
0,022	0,297	0,000	0,008	0,008	FALSE
0,036	0,299	0,001	0,009	0,030	FALSE
0,043	0,295	0,001	0,009	0,033	FALSE
0,064	0,317	0,002	0,010	0,092	FALSE
0,129	0,307	0,004	0,010	0,155	FALSE
0,106	0,298	0,003	0,011	0,125	FALSE
0,091	0,322	0,004	0,010	0,140	FALSE
-0,129	0,312	-0,003	0,007	0,174	FALSE
-0,135	0,300	-0,002	0,006	0,148	FALSE
-0,145	0,313	-0,003	0,006	0,185	FALSE
-0,002	0,309	0,000	0,010	0,003	FALSE
-0,076	0,322	-0,003	0,012	0,091	FALSE
-0,096	0,313	-0,002	0,008	0,113	FALSE
-0,117	0,310	-0,005	0,012	0,161	FALSE
0,124	0,293	0,003	0,008	0,117	FALSE
-0,016	0,304	-0,001	0,012	0,041	FALSE
-0,010	0,291	-0,001	0,009	0,038	FALSE
0,073	0,312	0,003	0,010	0,130	FALSE
0,067	0,312	0,002	0,008	0,076	FALSE
-0,082	0,297	-0,002	0,007	0,100	FALSE
-0,024	0,300	0,000	0,008	0,009	FALSE
-0,001	0,300	-0,001	0,011	0,028	FALSE
-0,075	0,295	-0,003	0,012	0,111	FALSE

0,088	0,296	0,003	0,010	0,140	FALSE
0,034	0,304	0,001	0,011	0,020	FALSE
0,053	0,305	0,001	0,006	0,048	FALSE
0,016	0,296	-0,001	0,012	0,021	FALSE
-0,073	0,308	-0,002	0,007	0,108	FALSE
0,025	0,312	0,001	0,009	0,031	FALSE
0,173	0,306	0,007	0,010	0,303	FALSE
0,157	0,290	0,007	0,010	0,296	FALSE
0,024	0,312	0,000	0,009	0,006	FALSE
0,054	0,309	0,003	0,013	0,094	FALSE
-0,103	0,304	-0,003	0,008	0,152	FALSE
0,171	0,303	0,004	0,008	0,252	FALSE
0,086	0,302	0,002	0,010	0,064	FALSE
-0,039	0,294	-0,002	0,011	0,082	FALSE
-0,017	0,307	0,000	0,007	0,009	FALSE
0,172	0,308	0,003	0,006	0,217	FALSE
0,014	0,305	0,000	0,007	0,010	FALSE
-0,024	0,310	-0,001	0,013	0,027	FALSE
-0,094	0,304	-0,003	0,009	0,112	FALSE
-0,047	0,315	-0,002	0,013	0,049	FALSE
0,120	0,310	0,005	0,012	0,159	FALSE
-0,004	0,322	0,000	0,008	0,019	FALSE
-0,142	0,305	-0,005	0,011	0,220	FALSE
-0,014	0,304	0,000	0,006	0,025	FALSE
0,075	0,306	0,003	0,007	0,137	FALSE
0,122	0,298	0,006	0,013	0,199	FALSE
-0,046	0,309	-0,002	0,012	0,065	FALSE
-0,046	0,296	-0,001	0,010	0,033	FALSE
0,005	0,307	0,000	0,008	0,009	FALSE
0,002	0,305	0,000	0,007	0,002	FALSE
-0,146	0,309	-0,005	0,010	0,217	FALSE
-0,057	0,315	-0,003	0,013	0,098	FALSE
-0,083	0,299	-0,004	0,012	0,135	FALSE
0,030	0,308	0,000	0,008	0,012	FALSE
-0,080	0,318	-0,002	0,007	0,096	FALSE
0,019	0,297	0,001	0,008	0,051	FALSE
-0,026	0,321	-0,002	0,011	0,048	FALSE
-0,051	0,304	-0,002	0,012	0,059	FALSE
0,019	0,310	0,001	0,009	0,024	FALSE
-0,038	0,319	-0,001	0,013	0,028	FALSE
-0,013	0,310	0,000	0,012	0,002	FALSE
0,006	0,310	0,001	0,012	0,017	FALSE
0,144	0,310	0,004	0,009	0,168	FALSE
0,124	0,290	0,003	0,009	0,151	FALSE
-0,116	0,309	-0,004	0,009	0,171	TRUE
0,076	0,301	0,002	0,008	0,113	FALSE
0,018	0,323	0,000	0,007	0,013	FALSE
-0,067	0,302	-0,001	0,009	0,060	FALSE
-0,107	0,318	-0,004	0,010	0,142	FALSE
-0,140	0,303	-0,004	0,008	0,195	FALSE
0,148	0,303	0,004	0,009	0,219	FALSE
-0,177	0,299	-0,006	0,010	0,270	FALSE
-0,016	0,311	0,000	0,012	0,006	FALSE

0,032	0,309	0,001	0,007	0,038	FALSE
0,064	0,302	0,001	0,007	0,070	FALSE
0,010	0,323	0,000	0,014	0,013	FALSE
-0,061	0,305	-0,002	0,011	0,051	FALSE
-0,037	0,303	-0,002	0,008	0,069	FALSE
0,029	0,297	0,000	0,010	0,018	FALSE
-0,075	0,303	-0,002	0,007	0,108	FALSE
-0,071	0,305	-0,002	0,008	0,105	FALSE
-0,115	0,306	-0,002	0,007	0,137	FALSE
-0,143	0,310	-0,004	0,011	0,148	FALSE
0,062	0,318	0,002	0,008	0,077	FALSE
0,003	0,306	-0,001	0,008	0,040	FALSE
-0,099	0,297	-0,002	0,006	0,116	FALSE
0,083	0,292	0,003	0,009	0,110	FALSE
-0,169	0,300	-0,007	0,011	0,284	FALSE
-0,077	0,294	-0,001	0,007	0,065	FALSE
-0,056	0,306	-0,001	0,009	0,057	FALSE
0,161	0,314	0,006	0,010	0,228	FALSE
-0,101	0,287	-0,002	0,006	0,118	FALSE
0,035	0,306	0,002	0,008	0,068	FALSE
0,092	0,305	0,003	0,007	0,138	FALSE
-0,147	0,304	-0,006	0,011	0,222	FALSE
0,115	0,285	0,005	0,011	0,175	FALSE
0,048	0,315	0,002	0,012	0,061	FALSE
0,071	0,296	0,002	0,009	0,072	FALSE
0,008	0,312	0,000	0,009	0,009	FALSE
-0,160	0,292	-0,006	0,011	0,230	FALSE
-0,060	0,315	-0,001	0,008	0,046	FALSE
0,031	0,307	0,001	0,009	0,033	FALSE
0,086	0,303	0,004	0,013	0,130	FALSE
-0,076	0,328	-0,001	0,007	0,077	FALSE
-0,095	0,307	-0,002	0,006	0,107	FALSE
-0,034	0,303	-0,002	0,012	0,055	FALSE
-0,208	0,300	-0,009	0,012	0,352	FALSE
0,072	0,318	0,003	0,010	0,099	FALSE
0,004	0,305	0,000	0,009	0,013	FALSE
-0,080	0,302	-0,002	0,009	0,106	FALSE
-0,053	0,298	-0,001	0,012	0,036	FALSE
-0,023	0,292	-0,001	0,012	0,018	FALSE
0,016	0,315	0,000	0,008	0,014	FALSE
0,100	0,311	0,003	0,011	0,106	FALSE
0,061	0,300	0,002	0,009	0,070	FALSE
-0,072	0,312	-0,002	0,008	0,073	FALSE
-0,018	0,308	0,000	0,011	0,010	FALSE
0,026	0,307	0,001	0,008	0,050	FALSE
0,065	0,277	0,005	0,011	0,192	FALSE
0,072	0,296	0,003	0,011	0,093	FALSE
-0,043	0,311	-0,001	0,008	0,051	FALSE
0,025	0,306	0,000	0,010	0,014	FALSE
0,026	0,319	0,001	0,010	0,024	FALSE
-0,099	0,318	-0,004	0,013	0,108	FALSE
0,031	0,305	0,000	0,012	0,013	FALSE
0,060	0,309	0,001	0,007	0,058	FALSE

0,195	0,305	0,007	0,012	0,248	FALSE
-0,074	0,307	-0,002	0,006	0,098	FALSE
0,003	0,317	0,000	0,011	0,004	FALSE
0,004	0,309	0,001	0,010	0,042	FALSE
-0,058	0,307	-0,002	0,012	0,056	FALSE
0,130	0,310	0,002	0,007	0,135	FALSE
0,034	0,315	0,001	0,007	0,047	FALSE
0,004	0,321	0,000	0,008	0,002	FALSE
-0,037	0,310	-0,001	0,007	0,032	FALSE
-0,060	0,303	-0,002	0,008	0,087	FALSE
0,105	0,313	0,005	0,013	0,160	FALSE
-0,014	0,320	0,000	0,010	0,011	FALSE
0,106	0,318	0,002	0,007	0,109	FALSE
0,054	0,309	0,002	0,007	0,088	FALSE
0,087	0,309	0,002	0,008	0,115	FALSE
0,013	0,296	0,000	0,008	0,011	FALSE
-0,071	0,301	-0,003	0,010	0,106	FALSE
-0,015	0,300	-0,001	0,009	0,039	FALSE
0,076	0,302	0,004	0,012	0,130	FALSE
0,015	0,318	0,001	0,013	0,036	FALSE
0,052	0,300	0,002	0,010	0,079	FALSE
0,022	0,321	0,001	0,012	0,037	FALSE
0,044	0,313	0,002	0,012	0,049	FALSE
-0,054	0,308	-0,001	0,008	0,069	FALSE
0,143	0,307	0,006	0,012	0,192	FALSE
0,025	0,301	0,000	0,008	0,018	FALSE
-0,034	0,301	-0,001	0,007	0,045	FALSE
-0,012	0,300	0,000	0,008	0,011	FALSE
-0,036	0,317	-0,001	0,011	0,042	FALSE
-0,101	0,309	-0,003	0,013	0,104	FALSE
0,039	0,302	0,001	0,009	0,035	FALSE
-0,030	0,307	-0,001	0,011	0,049	FALSE
-0,074	0,313	-0,001	0,008	0,056	FALSE
0,021	0,320	0,002	0,013	0,057	FALSE
0,019	0,320	0,001	0,007	0,028	FALSE
-0,006	0,305	0,000	0,008	0,015	FALSE
0,172	0,305	0,006	0,010	0,246	FALSE
0,047	0,327	0,001	0,007	0,046	FALSE
0,137	0,306	0,005	0,012	0,162	FALSE
-0,008	0,316	0,000	0,007	0,009	FALSE
0,027	0,313	0,001	0,007	0,048	FALSE
-0,070	0,315	-0,002	0,006	0,097	FALSE
-0,079	0,315	-0,002	0,007	0,115	FALSE
0,046	0,318	0,001	0,009	0,049	FALSE
-0,037	0,320	-0,001	0,008	0,047	FALSE
-0,011	0,300	0,000	0,007	0,007	FALSE
-0,033	0,298	0,000	0,008	0,020	FALSE
-0,136	0,321	-0,003	0,009	0,163	FALSE
-0,004	0,311	0,000	0,008	0,004	FALSE
-0,054	0,307	-0,002	0,008	0,090	FALSE
0,018	0,321	0,001	0,009	0,043	FALSE
-0,083	0,311	-0,003	0,008	0,124	FALSE
-0,092	0,320	-0,002	0,007	0,123	FALSE

0,076	0,311	0,004	0,013	0,107	FALSE
-0,071	0,307	-0,002	0,012	0,058	FALSE
0,101	0,320	0,004	0,011	0,137	FALSE
-0,027	0,316	0,000	0,008	0,002	FALSE
-0,072	0,310	-0,002	0,009	0,108	FALSE
0,142	0,307	0,006	0,013	0,191	FALSE
0,030	0,296	0,002	0,010	0,062	FALSE
-0,021	0,319	-0,001	0,008	0,056	FALSE
0,092	0,306	0,003	0,007	0,175	FALSE
-0,162	0,312	-0,007	0,012	0,259	FALSE
-0,174	0,309	-0,007	0,013	0,227	FALSE
0,014	0,305	0,000	0,013	0,007	FALSE
-0,112	0,288	-0,005	0,011	0,184	FALSE
0,088	0,292	0,002	0,008	0,094	FALSE
-0,048	0,294	-0,002	0,008	0,102	FALSE
0,103	0,304	0,003	0,006	0,181	FALSE
-0,028	0,296	-0,001	0,008	0,068	FALSE
-0,079	0,306	-0,003	0,011	0,107	FALSE
-0,032	0,313	-0,002	0,012	0,057	FALSE
-0,036	0,303	-0,002	0,011	0,066	FALSE
-0,001	0,317	0,001	0,011	0,035	FALSE
0,083	0,309	0,002	0,010	0,082	FALSE
-0,053	0,311	-0,001	0,008	0,060	FALSE
-0,028	0,318	-0,001	0,012	0,034	FALSE
0,075	0,296	0,002	0,008	0,103	FALSE
-0,047	0,316	-0,001	0,007	0,029	FALSE
-0,055	0,328	-0,002	0,010	0,057	FALSE
-0,008	0,296	0,000	0,009	0,016	FALSE
-0,024	0,308	0,000	0,007	0,009	FALSE
0,055	0,306	0,002	0,009	0,073	FALSE
0,062	0,305	0,002	0,009	0,084	FALSE
-0,030	0,302	-0,001	0,010	0,028	FALSE
0,003	0,308	0,000	0,011	0,008	FALSE
-0,085	0,310	-0,004	0,013	0,134	FALSE
0,039	0,322	0,002	0,009	0,062	FALSE
0,033	0,305	0,001	0,007	0,034	FALSE
0,013	0,321	0,000	0,009	0,010	FALSE
0,018	0,293	0,000	0,008	0,005	FALSE
0,071	0,311	0,001	0,006	0,073	FALSE
-0,127	0,306	-0,003	0,010	0,140	FALSE
-0,026	0,292	-0,001	0,009	0,033	FALSE
-0,037	0,316	-0,001	0,008	0,044	FALSE
-0,085	0,312	-0,002	0,008	0,114	FALSE
-0,137	0,321	-0,006	0,013	0,175	FALSE
-0,091	0,302	-0,003	0,012	0,101	FALSE
0,152	0,294	0,003	0,007	0,198	FALSE
0,063	0,313	0,001	0,006	0,067	FALSE
0,051	0,308	0,001	0,013	0,035	FALSE
0,153	0,302	0,003	0,006	0,216	FALSE
-0,035	0,307	0,000	0,007	0,016	FALSE
-0,076	0,307	-0,002	0,012	0,079	FALSE
-0,143	0,311	-0,006	0,012	0,201	FALSE
-0,036	0,310	-0,001	0,012	0,035	FALSE

-0,077	0,316	-0,003	0,012	0,088	FALSE
-0,061	0,322	-0,002	0,012	0,074	FALSE
-0,117	0,310	-0,003	0,007	0,157	FALSE
-0,006	0,321	-0,001	0,011	0,027	FALSE
-0,017	0,319	0,000	0,009	0,004	FALSE
-0,053	0,308	-0,001	0,008	0,066	FALSE
-0,048	0,322	-0,001	0,008	0,043	FALSE
0,004	0,307	0,000	0,007	0,017	FALSE
-0,104	0,293	-0,002	0,007	0,127	FALSE
-0,078	0,315	-0,003	0,012	0,091	FALSE
-0,100	0,301	-0,002	0,008	0,103	FALSE
-0,046	0,305	-0,002	0,012	0,068	FALSE
0,064	0,308	0,002	0,010	0,078	FALSE
0,098	0,306	0,004	0,011	0,149	FALSE
0,078	0,306	0,003	0,012	0,109	FALSE
-0,030	0,300	-0,002	0,012	0,054	FALSE
-0,021	0,318	0,000	0,007	0,026	FALSE
-0,098	0,305	-0,003	0,009	0,133	FALSE
-0,055	0,309	-0,003	0,013	0,106	FALSE
0,047	0,306	0,001	0,008	0,044	FALSE
-0,020	0,303	-0,001	0,007	0,041	FALSE
-0,011	0,309	-0,001	0,008	0,047	FALSE
-0,082	0,306	-0,001	0,006	0,075	FALSE
-0,046	0,301	0,000	0,008	0,016	FALSE
-0,171	0,307	-0,006	0,010	0,264	FALSE
-0,007	0,311	0,000	0,008	0,002	FALSE
0,052	0,298	0,002	0,009	0,076	FALSE
0,089	0,308	0,003	0,009	0,109	FALSE
-0,027	0,317	0,000	0,007	0,025	FALSE
-0,052	0,311	-0,001	0,007	0,037	FALSE
0,144	0,312	0,003	0,006	0,227	FALSE
-0,038	0,305	-0,001	0,010	0,026	FALSE
0,126	0,303	0,004	0,010	0,174	FALSE
0,173	0,297	0,006	0,010	0,283	FALSE
-0,033	0,303	-0,002	0,008	0,074	FALSE
-0,096	0,305	-0,004	0,011	0,138	FALSE
0,068	0,297	0,003	0,012	0,088	FALSE
0,139	0,302	0,005	0,009	0,217	FALSE
-0,058	0,319	-0,001	0,007	0,067	FALSE
0,114	0,310	0,004	0,008	0,199	FALSE
0,016	0,312	0,000	0,010	0,000	FALSE
0,055	0,304	0,002	0,008	0,077	FALSE
-0,040	0,302	-0,001	0,009	0,022	FALSE
0,066	0,316	0,001	0,007	0,066	FALSE
0,049	0,306	0,002	0,012	0,058	FALSE
0,018	0,302	0,001	0,012	0,018	FALSE
0,026	0,290	0,000	0,009	0,011	FALSE
-0,093	0,300	-0,002	0,007	0,125	FALSE
0,084	0,305	0,002	0,008	0,086	FALSE
-0,060	0,318	-0,002	0,008	0,088	FALSE
-0,068	0,301	-0,004	0,011	0,131	FALSE
-0,039	0,304	-0,002	0,010	0,072	FALSE
-0,018	0,296	-0,001	0,011	0,043	FALSE

-0,016	0,311	-0,002	0,011	0,050	FALSE
-0,033	0,303	0,000	0,007	0,026	FALSE
0,050	0,308	0,001	0,010	0,043	FALSE
-0,011	0,318	-0,001	0,010	0,019	FALSE
-0,053	0,320	-0,002	0,013	0,055	FALSE
-0,092	0,322	-0,002	0,007	0,084	FALSE
0,136	0,315	0,005	0,012	0,162	FALSE
-0,036	0,303	-0,001	0,009	0,047	FALSE
-0,025	0,300	-0,001	0,012	0,035	FALSE
0,073	0,309	0,002	0,010	0,062	FALSE
-0,093	0,303	-0,002	0,006	0,115	FALSE
-0,103	0,317	-0,002	0,008	0,120	FALSE
-0,020	0,298	-0,001	0,012	0,031	FALSE
-0,049	0,309	-0,002	0,009	0,074	FALSE
-0,092	0,287	-0,003	0,009	0,127	FALSE
-0,112	0,290	-0,004	0,008	0,198	FALSE
-0,119	0,306	-0,004	0,008	0,197	FALSE
-0,070	0,299	-0,003	0,008	0,120	FALSE
0,017	0,315	0,000	0,007	0,020	FALSE
-0,011	0,308	0,000	0,010	0,005	FALSE
-0,080	0,310	-0,003	0,012	0,086	FALSE
-0,160	0,310	-0,005	0,010	0,213	FALSE
0,040	0,322	0,001	0,008	0,045	FALSE
0,078	0,299	0,001	0,007	0,075	FALSE
-0,148	0,321	-0,005	0,012	0,178	FALSE
0,055	0,320	0,001	0,007	0,056	FALSE
-0,037	0,307	-0,001	0,010	0,049	FALSE
0,037	0,307	0,001	0,008	0,050	FALSE
0,013	0,321	0,000	0,012	0,003	FALSE
0,015	0,324	0,001	0,012	0,026	FALSE
0,044	0,289	0,001	0,010	0,028	FALSE
0,049	0,301	0,001	0,011	0,033	FALSE
0,188	0,285	0,006	0,013	0,205	FALSE
0,093	0,299	0,002	0,007	0,118	FALSE
0,036	0,314	0,001	0,007	0,025	FALSE
-0,058	0,305	-0,001	0,006	0,057	FALSE
0,009	0,306	0,000	0,010	0,011	FALSE
0,028	0,297	0,000	0,011	0,007	FALSE
0,051	0,297	0,002	0,010	0,083	FALSE
-0,044	0,298	-0,001	0,012	0,026	FALSE
-0,038	0,319	-0,001	0,008	0,035	FALSE
0,038	0,313	0,000	0,010	0,005	FALSE
0,052	0,325	0,002	0,012	0,065	FALSE
-0,047	0,308	-0,002	0,012	0,075	FALSE
0,008	0,306	0,000	0,012	0,003	FALSE
-0,024	0,327	0,000	0,007	0,023	FALSE
-0,080	0,310	-0,002	0,009	0,105	FALSE
-0,054	0,304	-0,002	0,010	0,094	FALSE
-0,031	0,304	-0,002	0,013	0,069	FALSE
-0,043	0,309	-0,001	0,007	0,053	FALSE
0,025	0,313	0,001	0,010	0,035	FALSE
0,050	0,313	0,001	0,009	0,040	FALSE
0,018	0,317	0,001	0,010	0,019	FALSE

-0,003	0,294	-0,001	0,013	0,025	FALSE
0,032	0,316	0,002	0,010	0,054	FALSE
0,213	0,294	0,007	0,010	0,309	FALSE
0,000	0,296	-0,001	0,010	0,023	FALSE
-0,148	0,300	-0,004	0,007	0,216	FALSE
-0,005	0,301	0,000	0,007	0,021	FALSE
-0,155	0,304	-0,006	0,012	0,203	FALSE
0,196	0,303	0,007	0,011	0,278	FALSE
0,052	0,310	0,001	0,008	0,066	FALSE
-0,069	0,309	-0,003	0,013	0,102	FALSE
-0,058	0,303	-0,003	0,011	0,092	FALSE
0,079	0,317	0,004	0,013	0,114	FALSE
0,060	0,309	0,003	0,012	0,085	FALSE
-0,093	0,326	-0,002	0,008	0,108	FALSE
-0,074	0,313	-0,003	0,012	0,101	FALSE
-0,048	0,300	-0,002	0,012	0,068	FALSE
0,067	0,322	0,002	0,010	0,087	FALSE
0,119	0,319	0,002	0,006	0,121	FALSE
-0,047	0,303	-0,002	0,012	0,059	FALSE
0,113	0,294	0,005	0,012	0,155	FALSE
-0,039	0,316	0,000	0,007	0,025	FALSE
-0,044	0,306	-0,001	0,006	0,035	FALSE
-0,049	0,321	-0,001	0,011	0,034	FALSE
-0,026	0,301	0,000	0,007	0,016	FALSE
0,131	0,303	0,003	0,007	0,187	FALSE
0,092	0,316	0,004	0,011	0,138	FALSE
-0,049	0,300	-0,001	0,007	0,034	FALSE
-0,124	0,299	-0,003	0,008	0,138	FALSE
0,060	0,312	0,002	0,007	0,101	FALSE
-0,043	0,300	-0,001	0,007	0,042	FALSE
0,101	0,317	0,003	0,008	0,138	FALSE
0,041	0,315	0,001	0,007	0,085	FALSE
-0,012	0,308	-0,001	0,013	0,036	FALSE
0,013	0,313	0,000	0,012	0,007	FALSE
-0,121	0,305	-0,005	0,012	0,176	FALSE
0,056	0,310	0,002	0,011	0,072	FALSE
-0,100	0,302	-0,003	0,011	0,109	FALSE
0,034	0,314	0,002	0,013	0,046	FALSE
0,030	0,311	0,000	0,013	0,003	FALSE
-0,131	0,308	-0,005	0,013	0,163	FALSE
0,031	0,311	0,001	0,007	0,048	FALSE
-0,105	0,311	-0,005	0,012	0,156	FALSE
0,084	0,307	0,003	0,010	0,109	FALSE
-0,090	0,319	-0,003	0,012	0,109	FALSE
0,053	0,308	0,001	0,008	0,067	FALSE
-0,088	0,309	-0,004	0,011	0,128	FALSE
-0,005	0,312	0,000	0,012	0,011	FALSE
-0,068	0,321	-0,001	0,007	0,059	FALSE
0,098	0,308	0,003	0,008	0,150	FALSE
-0,052	0,323	-0,002	0,012	0,074	FALSE
0,071	0,311	0,002	0,012	0,073	FALSE
0,085	0,306	0,003	0,010	0,095	FALSE
0,043	0,310	0,002	0,010	0,063	FALSE

0,029	0,311	0,001	0,009	0,042	FALSE
0,001	0,315	0,000	0,009	0,004	FALSE
0,008	0,314	0,000	0,010	0,008	FALSE
-0,073	0,308	-0,003	0,012	0,102	FALSE
0,015	0,308	0,001	0,010	0,029	FALSE
-0,043	0,308	-0,001	0,012	0,027	FALSE
-0,075	0,303	-0,002	0,012	0,075	FALSE
-0,042	0,302	-0,001	0,008	0,041	FALSE
0,035	0,316	0,001	0,009	0,039	FALSE
0,015	0,310	0,001	0,013	0,015	FALSE
0,041	0,315	0,001	0,013	0,038	FALSE
0,016	0,304	0,000	0,013	0,008	FALSE
-0,029	0,295	-0,001	0,011	0,023	FALSE
0,111	0,294	0,003	0,008	0,127	FALSE
0,018	0,303	0,001	0,010	0,041	FALSE
-0,025	0,323	0,000	0,009	0,019	FALSE
-0,048	0,311	-0,001	0,008	0,059	FALSE
-0,056	0,320	-0,001	0,008	0,059	FALSE
-0,042	0,308	-0,001	0,008	0,047	FALSE
-0,059	0,297	-0,001	0,007	0,077	FALSE
0,038	0,312	0,002	0,007	0,079	FALSE
-0,023	0,306	-0,001	0,011	0,036	FALSE
0,106	0,299	0,005	0,013	0,159	FALSE
0,204	0,291	0,009	0,012	0,345	FALSE
0,242	0,311	0,009	0,011	0,360	FALSE
0,167	0,300	0,005	0,008	0,276	FALSE
0,021	0,312	0,000	0,013	0,008	FALSE
0,048	0,302	0,001	0,006	0,084	FALSE
0,048	0,310	0,003	0,011	0,098	FALSE
0,134	0,306	0,006	0,011	0,242	FALSE
0,015	0,318	0,000	0,007	0,017	FALSE
-0,071	0,295	-0,002	0,012	0,067	FALSE
-0,197	0,298	-0,005	0,008	0,274	FALSE
-0,027	0,320	-0,001	0,009	0,054	FALSE
0,064	0,305	0,002	0,008	0,098	FALSE
-0,055	0,306	-0,002	0,009	0,066	FALSE
-0,018	0,306	-0,001	0,012	0,022	FALSE
-0,215	0,302	-0,006	0,009	0,301	FALSE
-0,203	0,310	-0,005	0,008	0,276	FALSE
0,068	0,307	0,002	0,008	0,083	FALSE
-0,194	0,294	-0,008	0,013	0,293	FALSE
0,095	0,305	0,003	0,008	0,128	FALSE
-0,008	0,308	0,000	0,007	0,021	FALSE
0,071	0,319	0,002	0,009	0,090	FALSE
-0,091	0,300	-0,003	0,009	0,114	FALSE
-0,100	0,304	-0,002	0,010	0,078	FALSE
0,063	0,303	0,002	0,012	0,062	FALSE
0,087	0,310	0,002	0,008	0,107	FALSE
-0,097	0,306	-0,002	0,008	0,124	FALSE
-0,104	0,300	-0,003	0,008	0,127	FALSE
0,040	0,306	0,001	0,008	0,028	FALSE
-0,058	0,300	-0,003	0,012	0,089	FALSE
-0,019	0,316	-0,001	0,009	0,026	FALSE

-0,049	0,302	-0,002	0,010	0,064	FALSE
0,018	0,301	0,001	0,007	0,035	FALSE
0,111	0,303	0,003	0,007	0,159	FALSE
-0,040	0,310	-0,001	0,007	0,071	FALSE
0,166	0,302	0,005	0,009	0,239	FALSE
-0,069	0,317	-0,003	0,013	0,087	FALSE
0,147	0,316	0,004	0,009	0,195	FALSE
0,064	0,309	0,002	0,009	0,077	FALSE
0,062	0,319	0,002	0,007	0,081	FALSE
0,018	0,299	0,001	0,007	0,035	FALSE
0,065	0,318	0,003	0,013	0,099	FALSE
-0,033	0,313	-0,002	0,012	0,071	FALSE
0,059	0,303	0,003	0,011	0,108	FALSE
0,029	0,309	0,002	0,011	0,050	FALSE
0,058	0,311	0,002	0,010	0,061	FALSE
0,062	0,323	0,002	0,007	0,085	FALSE
-0,048	0,318	-0,001	0,009	0,041	FALSE
-0,089	0,295	-0,003	0,013	0,104	FALSE
-0,036	0,309	-0,001	0,008	0,041	FALSE
0,023	0,326	0,001	0,011	0,036	FALSE
-0,174	0,296	-0,005	0,009	0,230	FALSE
0,067	0,312	0,001	0,007	0,067	FALSE
-0,155	0,316	-0,004	0,009	0,193	FALSE
-0,032	0,312	-0,001	0,010	0,043	FALSE
0,097	0,291	0,002	0,006	0,116	FALSE
0,172	0,299	0,007	0,012	0,232	FALSE
-0,105	0,308	-0,004	0,012	0,122	FALSE
-0,134	0,308	-0,004	0,010	0,176	FALSE
0,163	0,297	0,005	0,010	0,198	FALSE
-0,010	0,309	-0,001	0,009	0,020	FALSE
0,037	0,309	0,000	0,010	0,014	FALSE
0,067	0,311	0,002	0,010	0,069	FALSE
0,001	0,318	0,000	0,011	0,011	FALSE
0,060	0,299	0,002	0,007	0,094	FALSE
-0,028	0,317	0,000	0,007	0,022	FALSE
0,002	0,305	0,000	0,009	0,008	FALSE
-0,039	0,330	-0,002	0,013	0,051	FALSE
-0,008	0,313	0,000	0,010	0,000	FALSE
0,034	0,307	0,001	0,012	0,028	FALSE
-0,076	0,304	-0,002	0,009	0,090	FALSE
0,020	0,308	0,001	0,012	0,022	FALSE
0,018	0,318	0,000	0,013	0,003	FALSE
-0,086	0,314	-0,002	0,008	0,100	FALSE
0,024	0,320	0,001	0,013	0,032	FALSE
0,060	0,315	0,002	0,011	0,082	FALSE
-0,114	0,307	-0,002	0,006	0,152	FALSE
-0,031	0,321	-0,001	0,009	0,037	FALSE
0,064	0,308	0,002	0,011	0,058	FALSE
0,030	0,296	0,001	0,013	0,025	FALSE
0,053	0,315	0,002	0,009	0,080	FALSE
-0,058	0,312	-0,002	0,007	0,080	FALSE
0,150	0,309	0,006	0,011	0,222	FALSE
0,199	0,297	0,007	0,011	0,297	FALSE

0,027	0,316	0,000	0,008	0,011	FALSE
-0,036	0,314	-0,001	0,008	0,063	FALSE
-0,058	0,293	-0,003	0,012	0,080	FALSE
0,020	0,290	0,001	0,008	0,039	FALSE
0,027	0,309	0,001	0,007	0,036	FALSE
-0,055	0,306	-0,001	0,007	0,043	FALSE
-0,021	0,312	0,000	0,009	0,004	FALSE
0,045	0,322	0,001	0,009	0,027	FALSE
-0,008	0,317	0,000	0,011	0,000	FALSE
0,082	0,302	0,003	0,009	0,142	FALSE
0,025	0,313	0,002	0,011	0,062	FALSE
-0,055	0,302	-0,002	0,009	0,075	FALSE
-0,160	0,307	-0,006	0,010	0,257	FALSE
-0,088	0,301	-0,002	0,007	0,119	FALSE
-0,003	0,303	-0,001	0,010	0,038	FALSE
-0,058	0,314	-0,002	0,010	0,069	FALSE
0,071	0,306	0,003	0,013	0,089	FALSE
0,071	0,287	0,003	0,010	0,114	FALSE
0,111	0,301	0,003	0,007	0,148	FALSE
0,018	0,304	0,002	0,012	0,047	FALSE
-0,054	0,304	-0,001	0,010	0,054	FALSE
0,018	0,299	0,001	0,012	0,043	FALSE
-0,039	0,311	-0,001	0,012	0,031	FALSE
0,031	0,293	0,002	0,008	0,080	FALSE
0,083	0,302	0,003	0,010	0,107	FALSE
-0,043	0,317	-0,001	0,006	0,059	FALSE
-0,029	0,297	-0,001	0,007	0,060	FALSE
-0,082	0,311	-0,002	0,008	0,086	FALSE
0,155	0,302	0,006	0,012	0,228	FALSE
0,133	0,311	0,006	0,012	0,186	FALSE
-0,099	0,305	-0,004	0,013	0,118	FALSE
0,021	0,304	0,001	0,008	0,036	FALSE
0,006	0,315	0,000	0,011	0,009	FALSE
-0,004	0,294	0,000	0,009	0,010	FALSE
0,070	0,300	0,002	0,008	0,108	FALSE
-0,077	0,299	-0,002	0,009	0,085	FALSE
-0,043	0,315	-0,002	0,012	0,050	FALSE
-0,043	0,304	-0,001	0,009	0,029	FALSE
0,014	0,304	0,001	0,007	0,047	FALSE
-0,186	0,310	-0,009	0,013	0,296	FALSE
0,044	0,306	0,001	0,009	0,041	FALSE
-0,119	0,300	-0,002	0,006	0,155	FALSE
-0,026	0,308	0,000	0,008	0,001	FALSE
0,098	0,303	0,004	0,013	0,110	FALSE
-0,022	0,330	-0,001	0,013	0,027	FALSE
-0,042	0,292	-0,002	0,010	0,074	FALSE
-0,004	0,288	0,000	0,012	0,012	FALSE
-0,084	0,307	-0,002	0,007	0,112	FALSE
-0,092	0,319	-0,002	0,009	0,104	FALSE
-0,056	0,311	-0,001	0,007	0,068	FALSE
0,077	0,298	0,002	0,009	0,085	FALSE
0,152	0,293	0,003	0,006	0,180	FALSE
0,062	0,314	0,002	0,009	0,097	FALSE

0,036	0,317	0,001	0,013	0,029	FALSE
0,018	0,314	0,001	0,012	0,040	FALSE
-0,030	0,307	-0,001	0,012	0,022	FALSE
-0,055	0,308	-0,002	0,011	0,064	FALSE
0,016	0,317	0,001	0,009	0,050	FALSE
-0,050	0,326	-0,001	0,010	0,042	FALSE
-0,003	0,302	-0,001	0,013	0,020	FALSE
0,089	0,302	0,004	0,011	0,143	FALSE
-0,060	0,305	-0,002	0,006	0,098	FALSE
-0,099	0,293	-0,002	0,007	0,142	FALSE
0,026	0,311	0,000	0,006	0,012	FALSE
-0,010	0,300	0,000	0,006	0,008	FALSE
-0,023	0,303	-0,001	0,007	0,030	FALSE
0,073	0,312	0,003	0,012	0,096	FALSE
-0,114	0,303	-0,004	0,013	0,119	FALSE
0,018	0,315	0,000	0,010	0,009	FALSE
-0,060	0,313	-0,002	0,011	0,082	FALSE
0,029	0,311	0,001	0,007	0,043	FALSE
-0,077	0,313	-0,003	0,011	0,114	FALSE
0,058	0,312	0,003	0,013	0,072	FALSE
0,069	0,297	0,002	0,008	0,114	FALSE
-0,020	0,289	-0,001	0,009	0,052	FALSE
0,135	0,288	0,005	0,012	0,177	FALSE
0,076	0,301	0,002	0,011	0,083	FALSE
-0,068	0,301	-0,003	0,012	0,085	FALSE
0,136	0,297	0,005	0,010	0,199	FALSE
-0,022	0,310	-0,001	0,009	0,026	FALSE
-0,001	0,316	0,001	0,013	0,016	FALSE
0,073	0,294	0,002	0,008	0,109	FALSE
-0,185	0,292	-0,008	0,012	0,273	FALSE
0,118	0,302	0,004	0,013	0,135	FALSE
0,141	0,304	0,005	0,010	0,200	FALSE
0,118	0,300	0,005	0,012	0,148	FALSE
0,017	0,287	0,000	0,007	0,020	FALSE
0,056	0,320	0,003	0,013	0,074	FALSE
0,099	0,307	0,003	0,012	0,090	FALSE
0,112	0,299	0,006	0,013	0,180	FALSE
-0,125	0,288	-0,005	0,012	0,184	FALSE
-0,128	0,301	-0,006	0,013	0,184	FALSE
-0,095	0,302	-0,003	0,009	0,109	FALSE
-0,091	0,296	-0,003	0,010	0,109	FALSE
0,074	0,302	0,002	0,009	0,079	FALSE
-0,093	0,299	-0,004	0,012	0,123	FALSE
0,073	0,302	0,002	0,008	0,069	FALSE
-0,046	0,317	-0,002	0,012	0,058	FALSE
0,166	0,287	0,007	0,012	0,251	FALSE
-0,031	0,320	0,000	0,011	0,005	FALSE
0,077	0,303	0,002	0,008	0,092	FALSE
-0,054	0,306	-0,002	0,012	0,044	FALSE
0,125	0,314	0,004	0,012	0,143	FALSE
0,099	0,299	0,004	0,011	0,129	FALSE
0,071	0,304	0,003	0,012	0,083	FALSE
-0,203	0,303	-0,005	0,008	0,302	FALSE

-0,038	0,312	-0,001	0,007	0,054	FALSE
-0,003	0,303	0,000	0,010	0,007	FALSE
0,013	0,306	0,000	0,007	0,004	FALSE
-0,045	0,303	-0,002	0,007	0,083	FALSE
-0,141	0,307	-0,004	0,008	0,199	FALSE
0,126	0,299	0,004	0,009	0,160	FALSE
-0,156	0,305	-0,004	0,008	0,218	FALSE
-0,020	0,300	-0,001	0,011	0,027	FALSE
0,085	0,292	0,004	0,012	0,129	FALSE
-0,060	0,318	-0,002	0,009	0,063	FALSE
-0,019	0,312	0,000	0,007	0,001	FALSE
-0,021	0,321	-0,001	0,010	0,025	FALSE
-0,054	0,306	-0,002	0,013	0,071	FALSE
-0,033	0,300	-0,001	0,011	0,027	FALSE
-0,003	0,310	0,000	0,011	0,003	FALSE
-0,122	0,301	-0,004	0,009	0,196	FALSE
-0,080	0,306	-0,003	0,011	0,117	FALSE
-0,074	0,303	-0,001	0,007	0,077	FALSE
0,028	0,315	0,001	0,008	0,039	FALSE
-0,070	0,298	-0,002	0,007	0,107	FALSE
-0,122	0,303	-0,003	0,008	0,160	FALSE
-0,126	0,304	-0,005	0,012	0,171	FALSE
-0,161	0,306	-0,006	0,011	0,240	FALSE
-0,166	0,296	-0,006	0,010	0,245	FALSE
-0,115	0,309	-0,005	0,013	0,148	FALSE
-0,008	0,302	0,000	0,011	0,012	FALSE
0,001	0,309	0,000	0,008	0,005	FALSE
-0,045	0,317	-0,001	0,009	0,042	FALSE
-0,123	0,302	-0,002	0,007	0,128	FALSE
0,018	0,304	0,000	0,011	0,004	FALSE
-0,086	0,323	-0,003	0,013	0,091	FALSE
-0,028	0,312	-0,001	0,008	0,044	FALSE
0,114	0,305	0,003	0,007	0,160	FALSE
-0,183	0,302	-0,004	0,006	0,240	FALSE
0,223	0,295	0,005	0,006	0,362	FALSE
-0,003	0,302	0,000	0,009	0,014	FALSE
0,016	0,304	0,000	0,012	0,000	FALSE
0,012	0,298	0,000	0,009	0,011	FALSE
0,003	0,313	0,001	0,012	0,025	FALSE
0,023	0,281	0,000	0,011	0,007	FALSE
0,014	0,309	0,000	0,006	0,022	FALSE
0,144	0,307	0,005	0,010	0,216	FALSE
0,093	0,301	0,003	0,009	0,107	FALSE
0,061	0,295	0,002	0,008	0,091	FALSE
0,053	0,304	0,001	0,009	0,055	FALSE
0,028	0,313	0,002	0,010	0,068	FALSE
0,068	0,301	0,001	0,008	0,066	FALSE
0,060	0,292	0,002	0,011	0,052	FALSE
-0,035	0,301	-0,001	0,012	0,032	FALSE
0,043	0,318	0,001	0,009	0,036	FALSE
-0,055	0,306	-0,002	0,010	0,091	FALSE
0,063	0,314	0,003	0,013	0,082	FALSE
0,017	0,300	0,000	0,007	0,020	FALSE

-0,149	0,298	-0,006	0,012	0,203	FALSE
-0,124	0,308	-0,003	0,009	0,146	FALSE
-0,034	0,296	-0,001	0,007	0,048	FALSE
0,052	0,304	0,003	0,012	0,094	FALSE
-0,141	0,306	-0,006	0,013	0,190	FALSE
0,104	0,299	0,002	0,007	0,146	FALSE
0,002	0,312	0,000	0,008	0,015	FALSE
0,048	0,302	0,002	0,008	0,075	FALSE
0,080	0,288	0,002	0,008	0,125	FALSE
-0,124	0,313	-0,003	0,007	0,170	FALSE
0,001	0,302	-0,001	0,013	0,025	FALSE
-0,056	0,295	-0,002	0,012	0,056	FALSE
0,050	0,308	0,002	0,009	0,094	FALSE
0,027	0,296	0,001	0,012	0,041	FALSE
-0,072	0,301	-0,001	0,007	0,071	FALSE
-0,074	0,312	-0,002	0,008	0,076	FALSE
-0,051	0,311	-0,001	0,007	0,047	FALSE
0,053	0,307	0,001	0,007	0,075	FALSE
0,126	0,304	0,002	0,006	0,152	FALSE
0,023	0,312	0,001	0,012	0,028	FALSE
-0,082	0,308	-0,002	0,009	0,088	FALSE
0,013	0,299	0,000	0,012	0,010	FALSE
0,057	0,306	0,002	0,013	0,058	FALSE
-0,015	0,320	0,000	0,010	0,008	FALSE
-0,034	0,291	-0,001	0,006	0,039	FALSE
-0,013	0,295	0,000	0,010	0,000	FALSE
0,050	0,320	0,001	0,009	0,058	FALSE
0,010	0,297	0,000	0,008	0,014	FALSE
0,121	0,284	0,006	0,012	0,204	FALSE
0,048	0,293	0,001	0,011	0,019	FALSE
-0,038	0,307	-0,001	0,008	0,046	FALSE
0,040	0,309	0,001	0,008	0,030	FALSE
-0,046	0,300	-0,002	0,008	0,075	FALSE
-0,084	0,301	-0,004	0,010	0,157	FALSE
-0,053	0,304	-0,002	0,008	0,074	FALSE
0,027	0,329	0,001	0,013	0,033	FALSE
0,045	0,320	0,001	0,007	0,044	FALSE
0,005	0,319	0,000	0,007	0,000	FALSE
-0,061	0,319	-0,002	0,010	0,073	FALSE
-0,037	0,308	-0,001	0,011	0,031	FALSE
-0,043	0,310	-0,002	0,011	0,055	FALSE
0,012	0,310	0,001	0,008	0,022	FALSE
0,011	0,315	0,000	0,007	0,013	FALSE
0,047	0,300	0,001	0,007	0,045	FALSE
-0,002	0,298	-0,001	0,012	0,019	FALSE
0,035	0,311	0,001	0,007	0,039	FALSE
0,006	0,303	0,000	0,007	0,012	FALSE
0,069	0,312	0,001	0,008	0,065	FALSE
0,126	0,296	0,004	0,012	0,151	FALSE
-0,042	0,299	-0,001	0,007	0,056	FALSE
-0,121	0,302	-0,004	0,008	0,188	FALSE
0,093	0,308	0,002	0,007	0,128	FALSE
-0,038	0,317	0,000	0,007	0,011	FALSE

-0,024	0,312	-0,001	0,012	0,019	FALSE
0,073	0,311	0,002	0,007	0,115	FALSE
-0,114	0,315	-0,003	0,007	0,147	FALSE
-0,153	0,317	-0,004	0,007	0,217	FALSE
-0,145	0,307	-0,003	0,007	0,181	FALSE
0,034	0,309	0,001	0,007	0,034	FALSE
0,082	0,310	0,001	0,006	0,069	FALSE
-0,050	0,303	-0,001	0,007	0,045	FALSE
-0,043	0,310	-0,002	0,013	0,048	FALSE
-0,082	0,299	-0,002	0,008	0,095	FALSE
0,080	0,315	0,003	0,010	0,105	FALSE
-0,063	0,316	-0,002	0,010	0,080	FALSE
-0,054	0,300	-0,002	0,010	0,076	FALSE
0,001	0,305	-0,001	0,007	0,026	FALSE
0,006	0,300	0,000	0,007	0,004	FALSE
0,042	0,294	0,001	0,007	0,053	FALSE
0,037	0,310	0,001	0,008	0,055	FALSE
-0,049	0,308	-0,002	0,010	0,069	FALSE
-0,044	0,321	-0,002	0,010	0,061	FALSE
-0,001	0,312	0,000	0,009	0,016	FALSE
0,149	0,310	0,003	0,008	0,187	FALSE
-0,069	0,313	-0,002	0,011	0,085	FALSE
-0,121	0,313	-0,005	0,013	0,159	FALSE
0,060	0,324	0,001	0,008	0,049	FALSE
0,001	0,306	0,000	0,007	0,020	FALSE
-0,047	0,311	-0,002	0,011	0,053	FALSE
-0,049	0,303	-0,001	0,007	0,047	FALSE
0,007	0,316	0,001	0,011	0,024	FALSE
0,048	0,306	0,002	0,008	0,074	FALSE
-0,047	0,307	0,000	0,006	0,016	FALSE
0,244	0,295	0,010	0,013	0,367	FALSE
-0,108	0,304	-0,003	0,008	0,131	FALSE
-0,089	0,312	-0,002	0,006	0,096	FALSE
0,004	0,298	0,000	0,008	0,006	FALSE
-0,028	0,300	-0,001	0,006	0,038	FALSE
0,042	0,333	0,001	0,010	0,042	FALSE
-0,076	0,309	-0,001	0,007	0,069	FALSE
-0,108	0,319	-0,004	0,011	0,136	FALSE
0,094	0,320	0,005	0,013	0,137	FALSE
0,021	0,311	0,001	0,008	0,038	FALSE
-0,060	0,316	-0,003	0,013	0,079	FALSE
-0,023	0,312	-0,001	0,013	0,029	FALSE
-0,064	0,310	-0,001	0,006	0,070	FALSE
-0,025	0,304	-0,002	0,010	0,060	FALSE
0,105	0,312	0,004	0,010	0,152	FALSE
-0,001	0,310	0,000	0,008	0,012	FALSE
0,036	0,325	0,001	0,013	0,039	FALSE
0,120	0,298	0,003	0,007	0,180	FALSE
0,007	0,323	0,000	0,007	0,025	FALSE
0,164	0,310	0,006	0,013	0,208	FALSE
0,124	0,302	0,004	0,012	0,128	FALSE
-0,005	0,319	0,000	0,007	0,003	FALSE
0,032	0,305	0,001	0,012	0,037	FALSE

0,104	0,302	0,002	0,007	0,123	FALSE
0,085	0,301	0,003	0,012	0,082	FALSE
0,001	0,305	0,000	0,007	0,019	FALSE
-0,026	0,308	0,000	0,008	0,013	FALSE
0,002	0,319	-0,001	0,013	0,029	FALSE
0,015	0,328	0,001	0,013	0,024	FALSE
-0,124	0,313	-0,002	0,007	0,147	FALSE
0,044	0,320	0,001	0,010	0,051	FALSE
-0,025	0,299	0,000	0,006	0,025	FALSE
0,058	0,298	0,002	0,012	0,078	FALSE
0,015	0,307	0,000	0,012	0,013	FALSE
-0,063	0,315	-0,002	0,009	0,069	FALSE
0,023	0,301	0,000	0,011	0,014	FALSE
0,094	0,291	0,004	0,012	0,127	FALSE
0,053	0,307	0,001	0,008	0,068	FALSE
-0,054	0,312	-0,001	0,009	0,053	FALSE
-0,043	0,306	-0,001	0,011	0,042	FALSE
-0,041	0,294	0,000	0,006	0,005	FALSE
-0,054	0,306	-0,003	0,012	0,100	FALSE
-0,032	0,304	-0,003	0,013	0,082	FALSE
0,066	0,302	0,002	0,010	0,093	FALSE
-0,011	0,312	0,000	0,013	0,000	FALSE
0,040	0,299	0,001	0,007	0,069	FALSE
-0,049	0,302	-0,002	0,012	0,075	FALSE
-0,005	0,308	-0,001	0,013	0,018	FALSE
0,015	0,308	0,001	0,013	0,030	FALSE
-0,118	0,312	-0,005	0,012	0,166	FALSE
0,009	0,298	0,001	0,010	0,035	FALSE
-0,022	0,297	0,000	0,010	0,003	FALSE
-0,047	0,320	-0,001	0,008	0,028	FALSE
0,066	0,304	0,001	0,007	0,082	FALSE
-0,050	0,306	-0,002	0,011	0,063	FALSE
0,027	0,312	0,001	0,007	0,044	FALSE
0,080	0,311	0,003	0,008	0,132	FALSE
-0,007	0,319	0,000	0,012	0,003	FALSE
-0,025	0,314	0,000	0,009	0,017	FALSE
-0,017	0,303	0,000	0,009	0,017	FALSE
-0,014	0,301	0,000	0,013	0,001	FALSE
-0,049	0,314	-0,002	0,012	0,074	FALSE
-0,076	0,309	-0,002	0,008	0,088	FALSE
-0,147	0,306	-0,006	0,012	0,215	FALSE
-0,067	0,310	-0,002	0,010	0,089	FALSE
-0,078	0,311	-0,002	0,007	0,124	FALSE
-0,189	0,299	-0,006	0,009	0,274	FALSE
0,023	0,310	0,001	0,012	0,044	FALSE
0,063	0,286	0,002	0,013	0,072	FALSE
0,030	0,308	0,001	0,009	0,036	FALSE
0,038	0,305	0,001	0,006	0,082	FALSE
-0,073	0,308	-0,003	0,012	0,096	FALSE
-0,043	0,320	-0,002	0,012	0,047	FALSE
0,193	0,290	0,007	0,011	0,275	FALSE
-0,135	0,310	-0,003	0,006	0,180	FALSE
-0,024	0,315	0,000	0,013	0,008	FALSE

-0,001	0,312	0,000	0,010	0,015	FALSE
-0,025	0,296	0,000	0,008	0,021	FALSE
0,029	0,319	0,001	0,009	0,028	FALSE
-0,030	0,307	-0,001	0,011	0,035	FALSE
0,022	0,318	0,002	0,011	0,052	FALSE
0,010	0,312	0,001	0,009	0,023	FALSE
0,042	0,306	0,001	0,007	0,072	FALSE
-0,026	0,309	0,000	0,009	0,009	FALSE
0,034	0,296	0,001	0,010	0,033	FALSE
-0,039	0,313	-0,001	0,010	0,038	FALSE
-0,062	0,313	-0,002	0,009	0,084	FALSE
0,055	0,317	0,001	0,007	0,060	FALSE
-0,027	0,321	0,000	0,013	0,009	FALSE
-0,094	0,306	-0,005	0,013	0,147	FALSE
0,070	0,300	0,002	0,008	0,117	FALSE
-0,091	0,308	-0,004	0,012	0,133	FALSE
-0,062	0,303	-0,001	0,007	0,073	FALSE
-0,089	0,301	-0,002	0,007	0,129	FALSE
-0,047	0,297	-0,001	0,008	0,048	FALSE
0,011	0,311	0,000	0,007	0,012	FALSE
-0,023	0,308	-0,001	0,012	0,033	FALSE
-0,008	0,313	-0,001	0,012	0,015	FALSE
0,043	0,317	0,002	0,008	0,091	FALSE
0,078	0,308	0,003	0,013	0,104	FALSE
-0,080	0,303	-0,003	0,010	0,129	FALSE
0,047	0,302	0,001	0,006	0,089	FALSE
-0,061	0,310	-0,002	0,012	0,053	FALSE
0,093	0,307	0,002	0,008	0,108	FALSE
0,124	0,302	0,005	0,012	0,161	FALSE
-0,071	0,307	-0,003	0,011	0,109	FALSE
0,019	0,316	0,001	0,013	0,019	FALSE
-0,043	0,297	-0,001	0,006	0,084	FALSE
0,024	0,309	0,002	0,013	0,060	FALSE
0,068	0,309	0,002	0,012	0,077	FALSE
0,058	0,300	0,001	0,009	0,055	FALSE
-0,047	0,302	-0,001	0,006	0,050	FALSE
-0,079	0,301	-0,003	0,011	0,115	FALSE
-0,032	0,306	-0,001	0,007	0,043	FALSE
0,005	0,298	0,000	0,006	0,013	FALSE
0,207	0,289	0,008	0,011	0,341	FALSE
0,026	0,300	0,001	0,007	0,052	FALSE
0,032	0,317	0,001	0,009	0,039	FALSE
-0,006	0,311	0,000	0,007	0,007	FALSE
0,038	0,324	0,002	0,013	0,070	FALSE
-0,036	0,301	-0,002	0,010	0,060	FALSE
0,025	0,307	0,002	0,012	0,047	FALSE
0,037	0,299	0,002	0,012	0,072	FALSE
-0,032	0,306	0,000	0,010	0,015	FALSE
0,067	0,312	0,003	0,013	0,081	FALSE
0,071	0,299	0,003	0,009	0,124	FALSE
0,073	0,318	0,003	0,011	0,095	FALSE
-0,027	0,319	-0,001	0,010	0,043	FALSE
0,001	0,299	0,000	0,010	0,003	FALSE

-0,161	0,293	-0,005	0,010	0,217	FALSE
-0,030	0,308	-0,001	0,013	0,020	FALSE
0,127	0,308	0,002	0,007	0,143	FALSE
0,027	0,308	0,000	0,007	0,020	FALSE
-0,007	0,299	0,000	0,008	0,009	FALSE
0,095	0,304	0,004	0,012	0,125	FALSE
0,149	0,302	0,003	0,007	0,198	FALSE
-0,126	0,309	-0,003	0,008	0,155	FALSE
0,022	0,300	0,000	0,007	0,026	FALSE
-0,104	0,307	-0,004	0,012	0,112	FALSE
0,061	0,299	0,002	0,010	0,068	FALSE
-0,094	0,310	-0,002	0,007	0,134	FALSE
-0,107	0,307	-0,002	0,007	0,108	FALSE
-0,124	0,302	-0,005	0,012	0,155	FALSE
-0,035	0,313	-0,001	0,012	0,028	FALSE
-0,050	0,320	-0,002	0,012	0,073	FALSE
0,115	0,301	0,003	0,008	0,149	FALSE
-0,021	0,301	0,000	0,012	0,005	FALSE
0,077	0,314	0,003	0,007	0,139	FALSE
0,051	0,300	0,002	0,008	0,118	FALSE
0,050	0,304	0,002	0,009	0,069	FALSE
0,086	0,306	0,004	0,012	0,130	FALSE
0,002	0,298	0,001	0,008	0,031	FALSE
0,078	0,309	0,004	0,012	0,130	FALSE
-0,110	0,309	-0,003	0,007	0,135	FALSE
-0,055	0,298	-0,002	0,010	0,063	FALSE
-0,050	0,309	-0,001	0,008	0,062	FALSE
-0,006	0,302	-0,001	0,010	0,031	FALSE
-0,044	0,308	-0,002	0,010	0,083	FALSE
-0,108	0,315	-0,003	0,008	0,135	FALSE
-0,083	0,309	-0,005	0,013	0,137	FALSE
-0,038	0,303	-0,002	0,012	0,065	FALSE
-0,112	0,317	-0,004	0,012	0,144	FALSE
0,024	0,276	0,000	0,007	0,012	FALSE
0,133	0,302	0,004	0,011	0,157	FALSE
0,006	0,316	0,000	0,008	0,005	FALSE
-0,003	0,308	0,000	0,007	0,010	FALSE
0,012	0,318	0,000	0,010	0,003	FALSE
-0,094	0,286	-0,002	0,008	0,124	FALSE
-0,066	0,293	-0,001	0,007	0,069	FALSE
0,023	0,309	0,001	0,007	0,057	FALSE
0,021	0,306	0,001	0,007	0,055	FALSE
0,098	0,310	0,003	0,009	0,154	FALSE
-0,031	0,314	-0,001	0,011	0,038	FALSE
-0,158	0,307	-0,004	0,008	0,220	FALSE
-0,121	0,309	-0,003	0,009	0,134	FALSE
0,065	0,306	0,002	0,010	0,068	FALSE
-0,090	0,316	-0,003	0,010	0,116	FALSE
-0,069	0,313	-0,002	0,008	0,080	FALSE
0,152	0,312	0,003	0,007	0,175	FALSE
0,065	0,317	0,002	0,011	0,057	FALSE
-0,053	0,303	-0,001	0,011	0,035	FALSE
-0,022	0,319	-0,001	0,008	0,034	FALSE

-0,022	0,307	-0,001	0,012	0,032	FALSE
0,008	0,296	0,000	0,009	0,002	FALSE
0,002	0,299	0,000	0,009	0,010	FALSE
-0,002	0,314	0,000	0,012	0,009	FALSE
0,037	0,312	0,001	0,007	0,059	FALSE
-0,063	0,311	-0,003	0,011	0,108	FALSE
-0,123	0,301	-0,006	0,010	0,229	FALSE
-0,097	0,322	-0,004	0,010	0,167	FALSE
0,014	0,332	0,000	0,013	0,009	FALSE
-0,092	0,314	-0,004	0,010	0,137	FALSE
-0,007	0,319	0,000	0,011	0,014	FALSE
-0,004	0,308	0,000	0,013	0,012	FALSE
0,073	0,294	0,002	0,008	0,103	FALSE
-0,074	0,295	-0,003	0,012	0,105	FALSE
0,120	0,290	0,003	0,007	0,222	FALSE
0,045	0,312	0,001	0,008	0,052	FALSE
-0,160	0,308	-0,006	0,013	0,185	FALSE
-0,035	0,316	-0,001	0,008	0,056	FALSE
-0,070	0,302	-0,003	0,012	0,106	FALSE
-0,052	0,294	-0,002	0,009	0,072	FALSE
0,050	0,302	0,001	0,008	0,039	FALSE
0,020	0,308	0,001	0,008	0,028	FALSE
-0,024	0,311	0,000	0,007	0,010	FALSE
0,057	0,308	0,002	0,013	0,067	FALSE
0,033	0,301	0,001	0,011	0,027	FALSE
-0,052	0,315	-0,002	0,008	0,082	FALSE
0,052	0,294	0,003	0,012	0,089	FALSE
0,169	0,293	0,008	0,012	0,283	FALSE
0,047	0,313	0,001	0,006	0,059	FALSE
-0,052	0,301	-0,003	0,013	0,074	FALSE
0,021	0,303	0,000	0,007	0,017	FALSE
0,002	0,318	0,000	0,012	0,008	FALSE
0,070	0,306	0,002	0,008	0,089	FALSE
0,040	0,297	0,001	0,007	0,075	FALSE
-0,001	0,316	0,000	0,007	0,019	FALSE
0,168	0,305	0,003	0,007	0,204	FALSE
-0,051	0,297	-0,002	0,008	0,101	FALSE
0,035	0,305	0,001	0,008	0,060	FALSE
-0,069	0,295	-0,002	0,008	0,105	FALSE
-0,035	0,320	-0,001	0,008	0,058	FALSE
-0,039	0,308	-0,001	0,007	0,058	FALSE
-0,034	0,304	-0,002	0,011	0,060	FALSE
0,025	0,305	0,001	0,008	0,043	FALSE
-0,047	0,317	-0,001	0,008	0,067	FALSE
0,078	0,312	0,002	0,008	0,090	FALSE
0,073	0,298	0,002	0,008	0,109	FALSE
0,093	0,306	0,004	0,012	0,140	FALSE
-0,103	0,303	-0,004	0,010	0,176	FALSE
-0,054	0,313	-0,002	0,007	0,092	FALSE
-0,099	0,308	-0,002	0,007	0,101	FALSE
-0,080	0,314	-0,004	0,013	0,108	FALSE
0,118	0,299	0,003	0,007	0,171	FALSE
0,054	0,302	0,002	0,009	0,077	FALSE

0,059	0,307	0,003	0,012	0,081	FALSE
-0,025	0,299	0,000	0,009	0,017	FALSE
-0,083	0,303	-0,004	0,013	0,140	FALSE
0,015	0,317	0,000	0,009	0,008	FALSE
-0,112	0,313	-0,004	0,010	0,154	FALSE
-0,112	0,310	-0,005	0,014	0,145	FALSE
-0,020	0,315	0,000	0,009	0,006	FALSE
-0,015	0,312	0,000	0,006	0,013	FALSE
0,026	0,296	0,000	0,010	0,003	FALSE
0,154	0,305	0,003	0,007	0,181	FALSE
0,118	0,298	0,002	0,007	0,134	FALSE
0,148	0,307	0,003	0,007	0,177	FALSE
0,027	0,302	0,000	0,009	0,001	FALSE
0,071	0,300	0,004	0,012	0,116	FALSE
-0,187	0,302	-0,009	0,013	0,293	FALSE
0,099	0,309	0,002	0,008	0,091	FALSE
0,102	0,302	0,003	0,009	0,123	FALSE
0,018	0,326	0,002	0,013	0,043	FALSE
-0,062	0,305	-0,001	0,006	0,082	FALSE
-0,089	0,311	-0,003	0,009	0,127	FALSE
-0,092	0,324	-0,002	0,007	0,129	FALSE
-0,066	0,318	-0,002	0,008	0,085	FALSE
-0,023	0,310	-0,002	0,013	0,058	FALSE
-0,126	0,307	-0,003	0,009	0,127	FALSE
-0,033	0,317	-0,001	0,012	0,024	FALSE
-0,055	0,300	-0,001	0,007	0,066	FALSE
-0,197	0,294	-0,007	0,010	0,305	FALSE
-0,232	0,298	-0,010	0,013	0,393	FALSE
0,149	0,301	0,005	0,010	0,200	FALSE
0,163	0,287	0,005	0,009	0,219	FALSE
0,035	0,314	0,001	0,007	0,059	FALSE
0,109	0,311	0,004	0,011	0,133	FALSE
-0,078	0,313	-0,003	0,010	0,115	FALSE
0,139	0,295	0,005	0,011	0,195	FALSE
-0,064	0,305	-0,001	0,006	0,054	FALSE
0,133	0,303	0,002	0,006	0,163	FALSE
-0,022	0,318	0,000	0,008	0,006	FALSE
-0,116	0,304	-0,002	0,007	0,140	FALSE
0,167	0,299	0,005	0,008	0,251	FALSE
0,033	0,299	0,001	0,007	0,026	FALSE
0,001	0,308	0,000	0,013	0,012	FALSE
-0,017	0,304	0,000	0,010	0,005	FALSE
-0,034	0,317	-0,001	0,012	0,030	FALSE
-0,065	0,298	-0,003	0,010	0,106	FALSE
0,131	0,306	0,005	0,011	0,185	FALSE
-0,089	0,312	-0,004	0,013	0,116	FALSE
0,053	0,306	0,002	0,007	0,080	FALSE
-0,088	0,309	-0,002	0,009	0,098	FALSE
-0,043	0,307	-0,001	0,010	0,037	FALSE
-0,116	0,314	-0,004	0,011	0,159	FALSE
-0,096	0,312	-0,002	0,008	0,100	FALSE
-0,105	0,305	-0,005	0,013	0,143	FALSE
-0,062	0,306	-0,001	0,009	0,051	FALSE

-0,057	0,310	-0,002	0,009	0,076	FALSE
-0,039	0,300	-0,001	0,006	0,059	FALSE
0,089	0,311	0,002	0,008	0,096	FALSE
0,001	0,306	0,000	0,012	0,008	FALSE
-0,080	0,300	-0,003	0,011	0,100	FALSE
-0,038	0,310	-0,002	0,009	0,093	FALSE
-0,032	0,314	-0,001	0,008	0,038	FALSE
-0,005	0,298	0,001	0,012	0,027	FALSE
-0,006	0,313	0,000	0,011	0,004	FALSE
-0,056	0,312	-0,001	0,008	0,055	FALSE
0,008	0,314	0,000	0,007	0,013	FALSE
-0,062	0,306	-0,002	0,008	0,099	FALSE
-0,089	0,304	-0,001	0,006	0,074	FALSE
-0,025	0,316	-0,002	0,013	0,051	FALSE
-0,035	0,300	-0,001	0,012	0,040	FALSE
-0,039	0,300	-0,001	0,013	0,038	FALSE
0,006	0,306	0,001	0,011	0,026	FALSE
-0,011	0,287	0,000	0,012	0,002	FALSE
0,056	0,321	0,002	0,012	0,073	FALSE
-0,018	0,313	0,000	0,012	0,012	FALSE
-0,052	0,320	-0,001	0,007	0,085	FALSE
0,024	0,317	0,001	0,009	0,033	FALSE
-0,052	0,313	-0,003	0,012	0,087	FALSE
0,086	0,309	0,002	0,007	0,111	FALSE
0,054	0,314	0,001	0,008	0,037	FALSE
-0,070	0,304	-0,002	0,010	0,071	FALSE
-0,069	0,311	-0,002	0,008	0,074	FALSE
0,086	0,309	0,002	0,010	0,093	FALSE
-0,021	0,305	-0,001	0,008	0,056	FALSE
0,050	0,309	0,001	0,012	0,036	FALSE
0,069	0,298	0,002	0,006	0,104	FALSE
0,072	0,322	0,001	0,007	0,073	FALSE
0,043	0,313	0,001	0,007	0,032	FALSE
0,025	0,316	0,001	0,011	0,031	FALSE
-0,028	0,309	-0,001	0,007	0,036	FALSE
0,007	0,312	0,000	0,011	0,002	FALSE
-0,078	0,312	-0,003	0,009	0,105	FALSE
0,049	0,308	0,002	0,012	0,075	FALSE
-0,037	0,311	0,000	0,007	0,007	FALSE
-0,117	0,298	-0,003	0,007	0,161	FALSE
-0,002	0,308	-0,001	0,012	0,021	FALSE
-0,078	0,310	-0,001	0,006	0,064	FALSE
-0,036	0,306	-0,001	0,009	0,037	FALSE
-0,085	0,303	-0,003	0,012	0,098	FALSE
-0,092	0,311	-0,003	0,009	0,129	FALSE
0,054	0,296	0,002	0,012	0,064	FALSE
0,019	0,304	0,000	0,010	0,014	FALSE
-0,016	0,301	-0,001	0,007	0,059	FALSE
0,108	0,304	0,002	0,006	0,115	FALSE
-0,033	0,310	-0,001	0,007	0,036	FALSE
-0,105	0,299	-0,003	0,011	0,123	FALSE
0,214	0,301	0,008	0,012	0,303	FALSE
0,146	0,314	0,004	0,007	0,212	FALSE

-0,108	0,303	-0,004	0,011	0,124	FALSE
-0,057	0,317	-0,002	0,009	0,086	FALSE
0,016	0,312	0,001	0,006	0,032	FALSE
-0,032	0,297	0,000	0,010	0,006	FALSE
0,088	0,313	0,004	0,011	0,143	FALSE
0,032	0,308	0,001	0,013	0,014	FALSE
-0,002	0,305	0,000	0,007	0,018	FALSE
-0,039	0,316	-0,001	0,008	0,060	FALSE
-0,072	0,306	-0,002	0,007	0,110	FALSE
-0,036	0,318	-0,001	0,008	0,050	FALSE
-0,014	0,323	-0,001	0,014	0,013	FALSE
0,032	0,307	0,002	0,012	0,072	FALSE
0,041	0,314	0,001	0,007	0,041	FALSE
-0,014	0,310	0,000	0,010	0,008	FALSE
-0,067	0,307	-0,002	0,008	0,088	FALSE
0,021	0,311	0,001	0,006	0,030	FALSE
-0,159	0,313	-0,005	0,012	0,192	FALSE
-0,035	0,308	0,000	0,007	0,016	FALSE
-0,014	0,306	0,000	0,011	0,001	FALSE
0,079	0,327	0,003	0,013	0,090	FALSE
-0,040	0,312	-0,001	0,008	0,055	FALSE
0,096	0,307	0,002	0,007	0,126	FALSE
-0,026	0,304	-0,001	0,007	0,038	FALSE
-0,047	0,303	-0,002	0,013	0,058	FALSE
-0,012	0,295	0,000	0,007	0,025	FALSE
-0,002	0,298	0,000	0,007	0,016	FALSE
0,054	0,304	0,002	0,010	0,058	FALSE
-0,006	0,295	0,000	0,009	0,002	FALSE
-0,043	0,300	-0,002	0,011	0,058	FALSE
0,152	0,296	0,005	0,010	0,211	FALSE
-0,116	0,311	-0,003	0,007	0,168	FALSE
-0,054	0,308	-0,001	0,009	0,061	FALSE
-0,122	0,300	-0,005	0,012	0,180	FALSE
-0,142	0,307	-0,006	0,012	0,226	FALSE
-0,017	0,306	-0,001	0,009	0,039	FALSE
0,122	0,307	0,005	0,011	0,186	FALSE
0,129	0,315	0,003	0,008	0,182	FALSE
0,007	0,310	0,000	0,006	0,022	FALSE
0,102	0,301	0,003	0,008	0,153	FALSE
-0,140	0,306	-0,004	0,008	0,194	FALSE
-0,044	0,306	-0,001	0,007	0,078	FALSE
-0,072	0,303	-0,002	0,007	0,106	FALSE
0,084	0,308	0,003	0,009	0,108	FALSE
-0,033	0,300	-0,001	0,006	0,035	FALSE
0,069	0,310	0,002	0,007	0,087	FALSE
0,092	0,310	0,002	0,007	0,121	FALSE
-0,072	0,308	-0,003	0,010	0,103	FALSE
-0,017	0,309	-0,001	0,013	0,017	FALSE
-0,027	0,333	-0,001	0,012	0,040	FALSE
-0,113	0,301	-0,002	0,007	0,128	FALSE
-0,050	0,314	-0,002	0,010	0,062	FALSE
-0,167	0,300	-0,004	0,008	0,234	FALSE
-0,004	0,318	0,000	0,010	0,004	FALSE

-0,033	0,303	-0,002	0,011	0,053	FALSE
0,068	0,311	0,003	0,013	0,076	FALSE
0,037	0,293	0,001	0,011	0,041	FALSE
0,065	0,310	0,003	0,012	0,099	FALSE
0,036	0,307	0,001	0,011	0,027	FALSE
-0,032	0,299	-0,001	0,008	0,038	FALSE
-0,043	0,330	-0,002	0,014	0,047	FALSE
0,131	0,312	0,006	0,013	0,185	FALSE
0,081	0,304	0,002	0,007	0,108	FALSE
-0,048	0,310	-0,001	0,008	0,037	FALSE
-0,172	0,303	-0,004	0,007	0,203	FALSE
-0,027	0,311	-0,001	0,008	0,043	FALSE
-0,169	0,296	-0,003	0,007	0,202	FALSE
-0,028	0,309	-0,001	0,009	0,049	FALSE
0,040	0,301	0,001	0,013	0,023	FALSE
0,051	0,318	0,002	0,013	0,053	FALSE
-0,070	0,305	-0,003	0,013	0,085	FALSE
0,059	0,310	0,002	0,013	0,071	FALSE
0,006	0,305	0,000	0,009	0,001	FALSE
-0,049	0,301	-0,002	0,012	0,072	FALSE
-0,029	0,310	-0,001	0,006	0,034	FALSE
-0,061	0,309	-0,003	0,011	0,125	FALSE
-0,023	0,316	-0,002	0,010	0,062	FALSE
-0,051	0,311	-0,003	0,012	0,099	FALSE
-0,055	0,316	-0,003	0,010	0,095	FALSE
-0,093	0,307	-0,003	0,009	0,133	FALSE
-0,023	0,325	-0,001	0,011	0,039	FALSE
-0,091	0,321	-0,004	0,012	0,125	FALSE
0,009	0,293	0,001	0,009	0,026	FALSE
0,025	0,299	0,001	0,009	0,027	FALSE
-0,079	0,306	-0,003	0,010	0,097	FALSE
0,007	0,308	0,000	0,008	0,003	FALSE
0,048	0,306	0,001	0,008	0,061	FALSE
-0,111	0,303	-0,003	0,007	0,135	FALSE
-0,139	0,294	-0,003	0,007	0,179	FALSE
0,101	0,305	0,002	0,007	0,125	FALSE
0,052	0,308	0,001	0,011	0,045	FALSE
0,036	0,305	0,001	0,012	0,020	FALSE
-0,078	0,298	-0,002	0,007	0,109	FALSE
-0,244	0,305	-0,008	0,009	0,408	FALSE
-0,174	0,295	-0,007	0,012	0,253	FALSE
-0,134	0,307	-0,004	0,009	0,189	FALSE
0,006	0,292	0,000	0,006	0,005	FALSE
-0,043	0,309	-0,001	0,009	0,039	FALSE
0,106	0,314	0,003	0,007	0,142	FALSE
0,014	0,327	0,000	0,013	0,003	FALSE
-0,022	0,310	0,000	0,009	0,014	FALSE
-0,009	0,309	0,001	0,008	0,025	FALSE
-0,070	0,311	-0,003	0,011	0,092	FALSE
-0,076	0,312	-0,003	0,010	0,095	FALSE
0,058	0,301	0,001	0,007	0,056	FALSE
-0,146	0,310	-0,003	0,008	0,180	FALSE
-0,126	0,301	-0,003	0,006	0,182	FALSE

-0,056	0,309	-0,001	0,007	0,052	FALSE
-0,153	0,289	-0,005	0,009	0,220	FALSE
0,072	0,324	0,003	0,013	0,078	FALSE
-0,065	0,307	-0,001	0,007	0,042	FALSE
-0,007	0,315	-0,001	0,012	0,016	FALSE
0,053	0,324	0,002	0,014	0,050	FALSE
0,127	0,313	0,005	0,012	0,173	FALSE
-0,018	0,298	-0,001	0,006	0,054	FALSE
0,006	0,324	0,000	0,012	0,001	FALSE
-0,029	0,319	0,000	0,011	0,006	FALSE
0,017	0,312	0,001	0,009	0,022	FALSE
-0,035	0,309	-0,002	0,011	0,068	FALSE
0,030	0,314	0,001	0,007	0,032	FALSE
0,053	0,318	0,001	0,008	0,054	FALSE
-0,040	0,307	-0,001	0,011	0,046	FALSE
0,006	0,307	0,000	0,011	0,013	FALSE
-0,032	0,308	0,000	0,010	0,008	FALSE
-0,042	0,304	-0,001	0,010	0,050	FALSE
0,034	0,302	0,002	0,013	0,058	FALSE
0,028	0,318	0,001	0,008	0,049	FALSE
-0,124	0,311	-0,004	0,011	0,163	FALSE
-0,134	0,301	-0,005	0,011	0,192	FALSE
-0,018	0,311	0,000	0,008	0,007	FALSE
-0,056	0,289	-0,001	0,008	0,049	FALSE
-0,044	0,316	-0,001	0,009	0,031	FALSE
-0,031	0,314	-0,001	0,012	0,027	FALSE
-0,070	0,300	-0,002	0,008	0,108	FALSE
-0,044	0,315	-0,002	0,009	0,075	FALSE
-0,097	0,298	-0,003	0,011	0,098	FALSE
-0,089	0,304	-0,005	0,012	0,146	FALSE
-0,033	0,303	-0,002	0,012	0,050	FALSE
0,060	0,302	0,001	0,007	0,082	FALSE
0,056	0,292	0,003	0,012	0,102	FALSE
-0,126	0,306	-0,004	0,008	0,183	FALSE
-0,014	0,309	0,000	0,012	0,002	FALSE
-0,076	0,297	-0,002	0,007	0,100	FALSE
-0,129	0,296	-0,004	0,008	0,189	FALSE
0,045	0,308	0,001	0,007	0,063	FALSE
-0,078	0,326	-0,002	0,009	0,075	FALSE
-0,036	0,317	-0,002	0,012	0,049	FALSE
-0,084	0,312	-0,003	0,011	0,102	FALSE
-0,057	0,308	-0,001	0,007	0,078	FALSE
0,162	0,294	0,006	0,011	0,221	FALSE
0,099	0,289	0,003	0,012	0,113	FALSE
0,074	0,317	0,002	0,008	0,090	FALSE
0,144	0,306	0,003	0,007	0,201	FALSE
-0,107	0,302	-0,004	0,009	0,166	FALSE
-0,082	0,310	-0,004	0,012	0,122	FALSE
0,126	0,308	0,004	0,010	0,158	FALSE
-0,145	0,305	-0,007	0,013	0,225	FALSE
0,033	0,317	0,001	0,012	0,032	FALSE
0,077	0,308	0,001	0,007	0,069	FALSE
-0,133	0,295	-0,007	0,013	0,235	FALSE

-0,065	0,310	-0,002	0,007	0,083	FALSE
0,138	0,295	0,007	0,012	0,247	FALSE
-0,176	0,305	-0,007	0,012	0,260	FALSE
-0,034	0,303	-0,001	0,011	0,041	FALSE
0,060	0,305	0,002	0,008	0,077	FALSE
0,064	0,304	0,002	0,012	0,076	FALSE
0,093	0,321	0,002	0,008	0,107	FALSE
-0,047	0,304	-0,002	0,012	0,062	FALSE
-0,109	0,318	-0,003	0,007	0,153	FALSE
-0,002	0,311	-0,001	0,011	0,032	FALSE
0,064	0,316	0,002	0,006	0,092	FALSE
0,072	0,315	0,002	0,007	0,083	FALSE
0,028	0,301	0,000	0,012	0,007	FALSE
0,016	0,285	0,000	0,012	0,006	FALSE
0,022	0,313	0,002	0,012	0,061	FALSE
-0,100	0,305	-0,005	0,013	0,161	FALSE
-0,087	0,308	-0,004	0,013	0,128	FALSE
-0,031	0,307	-0,002	0,013	0,066	FALSE
-0,038	0,309	-0,002	0,013	0,064	FALSE
-0,062	0,294	-0,002	0,007	0,083	FALSE
-0,018	0,294	0,000	0,008	0,015	FALSE
-0,011	0,304	-0,002	0,012	0,068	FALSE
-0,027	0,309	0,000	0,008	0,001	FALSE
-0,002	0,308	0,001	0,012	0,035	FALSE
0,012	0,301	0,001	0,007	0,044	FALSE
0,012	0,311	0,000	0,010	0,012	FALSE
-0,007	0,319	0,000	0,007	0,005	FALSE
-0,010	0,310	0,000	0,007	0,000	FALSE
0,013	0,311	0,000	0,007	0,020	FALSE
0,136	0,312	0,003	0,007	0,170	FALSE
-0,042	0,307	-0,002	0,009	0,075	FALSE
0,112	0,307	0,004	0,013	0,128	FALSE
0,008	0,329	0,000	0,007	0,018	FALSE
0,055	0,304	0,001	0,009	0,053	FALSE
-0,053	0,295	-0,001	0,012	0,031	FALSE
-0,057	0,306	-0,002	0,009	0,067	FALSE
-0,058	0,301	-0,001	0,008	0,055	FALSE
0,101	0,308	0,003	0,007	0,152	FALSE
0,011	0,314	0,001	0,013	0,027	FALSE
-0,011	0,312	0,000	0,013	0,008	FALSE
-0,016	0,305	-0,002	0,013	0,046	FALSE
0,036	0,304	0,001	0,010	0,028	FALSE
-0,057	0,297	-0,001	0,007	0,053	FALSE
0,024	0,313	0,001	0,011	0,027	FALSE
-0,022	0,300	-0,001	0,010	0,038	FALSE
-0,101	0,302	-0,003	0,010	0,111	FALSE
-0,061	0,316	-0,001	0,010	0,045	FALSE
-0,080	0,305	-0,003	0,011	0,085	FALSE
0,141	0,307	0,005	0,012	0,168	FALSE
0,067	0,314	0,002	0,012	0,065	FALSE
-0,097	0,305	-0,002	0,008	0,094	FALSE
-0,072	0,304	-0,002	0,011	0,068	FALSE
-0,096	0,306	-0,002	0,007	0,119	FALSE

-0,094	0,305	-0,002	0,007	0,133	FALSE
0,046	0,310	0,001	0,008	0,048	FALSE
-0,009	0,305	0,000	0,006	0,002	FALSE
-0,017	0,303	-0,001	0,006	0,036	FALSE
0,052	0,320	0,002	0,013	0,060	FALSE
0,073	0,312	0,003	0,013	0,087	FALSE
0,043	0,305	0,002	0,012	0,055	FALSE
-0,032	0,314	-0,002	0,013	0,060	FALSE
0,124	0,310	0,004	0,009	0,173	FALSE
0,016	0,300	0,000	0,012	0,004	FALSE
-0,020	0,275	-0,002	0,013	0,069	FALSE
-0,019	0,292	-0,002	0,013	0,058	FALSE
-0,057	0,308	-0,003	0,012	0,082	FALSE
-0,096	0,282	-0,005	0,012	0,158	FALSE
-0,102	0,300	-0,003	0,007	0,170	FALSE
-0,036	0,319	-0,001	0,013	0,031	FALSE
-0,114	0,292	-0,003	0,007	0,182	FALSE
0,009	0,307	0,000	0,008	0,013	FALSE
-0,138	0,308	-0,005	0,012	0,173	FALSE
0,044	0,291	0,001	0,007	0,075	FALSE
-0,051	0,310	-0,002	0,009	0,077	FALSE
-0,018	0,305	0,000	0,008	0,000	FALSE
-0,040	0,313	-0,001	0,008	0,059	FALSE
-0,088	0,297	-0,003	0,010	0,102	FALSE
-0,021	0,308	-0,001	0,009	0,052	FALSE
0,011	0,300	0,000	0,009	0,017	FALSE
-0,039	0,304	-0,002	0,012	0,057	FALSE
0,117	0,312	0,005	0,012	0,181	FALSE
0,019	0,302	0,001	0,009	0,050	FALSE
0,038	0,310	0,002	0,009	0,061	FALSE
0,011	0,320	0,001	0,011	0,033	FALSE
-0,055	0,304	-0,003	0,010	0,106	FALSE
-0,069	0,294	-0,001	0,007	0,056	FALSE
0,090	0,296	0,003	0,008	0,167	FALSE
0,127	0,276	0,004	0,007	0,247	FALSE
0,205	0,294	0,007	0,009	0,380	FALSE
-0,006	0,304	-0,001	0,007	0,047	FALSE
0,103	0,327	0,004	0,013	0,123	FALSE
0,042	0,314	0,002	0,008	0,085	FALSE
0,065	0,318	0,003	0,011	0,097	FALSE
-0,120	0,315	-0,004	0,011	0,159	FALSE
-0,092	0,308	-0,003	0,010	0,109	FALSE
-0,066	0,307	-0,002	0,010	0,096	FALSE
0,027	0,300	0,002	0,013	0,050	FALSE
0,021	0,287	0,000	0,012	0,010	FALSE
-0,030	0,305	-0,001	0,009	0,043	FALSE
-0,043	0,309	-0,001	0,009	0,044	FALSE
0,049	0,304	0,002	0,011	0,066	FALSE
0,104	0,308	0,004	0,010	0,140	FALSE
0,044	0,302	0,001	0,009	0,041	FALSE
0,124	0,294	0,003	0,008	0,162	FALSE
-0,003	0,306	0,001	0,010	0,030	FALSE
0,082	0,295	0,004	0,011	0,167	FALSE

0,069	0,321	0,003	0,013	0,079	FALSE
-0,082	0,301	-0,004	0,012	0,125	FALSE
0,050	0,309	0,001	0,007	0,037	FALSE
-0,049	0,311	-0,002	0,010	0,083	FALSE
0,078	0,310	0,003	0,011	0,108	FALSE
0,040	0,302	0,002	0,010	0,053	FALSE
0,049	0,312	0,002	0,008	0,073	FALSE
0,053	0,322	0,002	0,010	0,057	FALSE
0,029	0,306	0,001	0,012	0,032	FALSE
0,035	0,303	0,001	0,008	0,062	FALSE
-0,093	0,307	-0,003	0,012	0,110	FALSE
-0,036	0,298	-0,001	0,008	0,048	FALSE
0,048	0,306	0,002	0,010	0,080	FALSE
-0,072	0,331	-0,002	0,007	0,098	FALSE
0,067	0,320	0,002	0,010	0,073	FALSE
0,073	0,294	0,003	0,009	0,119	FALSE
-0,023	0,305	-0,001	0,007	0,039	FALSE
0,044	0,313	0,001	0,006	0,080	FALSE
-0,002	0,317	0,000	0,008	0,004	FALSE
-0,111	0,292	-0,002	0,007	0,135	FALSE
0,057	0,313	0,003	0,013	0,087	FALSE
0,093	0,316	0,002	0,007	0,125	FALSE
-0,013	0,313	0,000	0,007	0,009	FALSE
0,065	0,316	0,002	0,011	0,076	FALSE
-0,052	0,300	-0,004	0,012	0,112	FALSE
0,024	0,303	0,001	0,012	0,040	FALSE
-0,031	0,314	-0,001	0,010	0,025	FALSE
0,037	0,309	0,001	0,007	0,049	FALSE
-0,006	0,294	0,001	0,007	0,035	FALSE
-0,040	0,310	-0,001	0,008	0,052	FALSE
-0,052	0,299	-0,001	0,007	0,062	FALSE
-0,116	0,307	-0,003	0,008	0,135	FALSE
-0,069	0,306	-0,002	0,007	0,082	FALSE
-0,132	0,309	-0,004	0,011	0,159	FALSE
0,071	0,290	0,002	0,012	0,069	FALSE
0,035	0,312	0,001	0,012	0,025	FALSE
0,047	0,303	0,002	0,008	0,076	FALSE
0,019	0,314	0,000	0,010	0,005	FALSE
0,017	0,306	0,001	0,013	0,015	FALSE
0,080	0,308	0,002	0,007	0,103	FALSE
0,032	0,314	0,001	0,009	0,021	FALSE
-0,016	0,329	0,000	0,007	0,002	FALSE
-0,069	0,299	-0,002	0,011	0,079	FALSE
-0,062	0,307	-0,001	0,006	0,077	FALSE
0,000	0,292	-0,001	0,008	0,025	FALSE
-0,058	0,298	-0,003	0,012	0,093	FALSE
-0,143	0,311	-0,004	0,009	0,212	FALSE
-0,020	0,303	0,000	0,008	0,001	FALSE
-0,055	0,307	-0,002	0,008	0,073	FALSE
0,022	0,305	0,001	0,008	0,050	FALSE
-0,117	0,299	-0,003	0,009	0,121	FALSE
-0,062	0,320	-0,002	0,010	0,088	FALSE
0,172	0,293	0,004	0,008	0,233	FALSE

0,008	0,314	0,000	0,010	0,017	FALSE
-0,013	0,307	0,000	0,010	0,008	FALSE
0,045	0,301	0,001	0,007	0,072	FALSE
0,053	0,310	0,002	0,008	0,073	FALSE
-0,102	0,327	-0,004	0,013	0,133	FALSE
0,090	0,297	0,003	0,010	0,119	FALSE
-0,045	0,295	-0,002	0,009	0,094	FALSE
-0,043	0,315	0,000	0,009	0,002	FALSE
0,104	0,303	0,003	0,006	0,166	FALSE
0,054	0,307	0,001	0,008	0,065	FALSE
-0,014	0,309	0,000	0,008	0,003	FALSE
0,060	0,299	0,002	0,008	0,072	FALSE
-0,038	0,317	-0,001	0,008	0,033	FALSE
0,028	0,299	0,001	0,007	0,044	FALSE
0,066	0,299	0,004	0,013	0,114	FALSE
0,000	0,312	0,000	0,007	0,005	FALSE
-0,029	0,309	-0,001	0,009	0,048	FALSE
0,114	0,307	0,005	0,012	0,161	FALSE
0,052	0,310	0,003	0,012	0,097	FALSE
-0,157	0,298	-0,007	0,013	0,206	FALSE
0,102	0,295	0,002	0,009	0,091	FALSE
-0,005	0,311	0,000	0,010	0,006	FALSE
0,084	0,294	0,003	0,010	0,102	FALSE
-0,024	0,319	0,000	0,007	0,016	FALSE
0,175	0,306	0,007	0,013	0,222	FALSE
-0,095	0,304	-0,003	0,010	0,136	FALSE
-0,031	0,289	-0,001	0,007	0,075	FALSE
-0,045	0,299	-0,002	0,007	0,083	FALSE
0,143	0,293	0,006	0,012	0,201	FALSE
-0,001	0,307	-0,001	0,007	0,024	FALSE
-0,146	0,311	-0,003	0,007	0,199	FALSE
0,153	0,311	0,006	0,012	0,205	FALSE
-0,066	0,315	-0,001	0,007	0,075	FALSE
0,118	0,313	0,005	0,013	0,155	FALSE
-0,180	0,303	-0,004	0,007	0,256	FALSE
-0,025	0,313	-0,001	0,009	0,039	FALSE
0,061	0,309	0,002	0,008	0,073	FALSE
-0,043	0,317	-0,002	0,012	0,064	FALSE
0,000	0,307	0,000	0,009	0,016	FALSE
0,073	0,310	0,002	0,009	0,089	FALSE
0,046	0,294	0,002	0,009	0,072	FALSE
-0,004	0,303	-0,001	0,010	0,023	FALSE
0,000	0,299	0,000	0,009	0,015	FALSE
-0,017	0,319	-0,001	0,007	0,037	FALSE
-0,024	0,311	-0,001	0,009	0,047	FALSE
0,038	0,303	0,002	0,008	0,070	FALSE
-0,035	0,311	-0,001	0,010	0,026	FALSE
-0,039	0,322	0,000	0,007	0,020	FALSE
-0,020	0,328	-0,001	0,006	0,039	FALSE
0,008	0,305	0,001	0,009	0,027	FALSE
-0,001	0,307	0,000	0,009	0,007	FALSE
0,133	0,294	0,003	0,010	0,133	FALSE
0,024	0,307	0,001	0,008	0,027	FALSE

-0,003	0,300	-0,002	0,013	0,058	FALSE
-0,051	0,302	0,000	0,007	0,014	FALSE
0,189	0,304	0,005	0,009	0,242	FALSE
0,044	0,302	0,001	0,009	0,058	FALSE
-0,113	0,321	-0,005	0,013	0,150	FALSE
0,011	0,319	0,001	0,009	0,030	FALSE
0,062	0,300	0,002	0,009	0,071	FALSE
0,017	0,308	0,001	0,009	0,026	FALSE
0,097	0,297	0,002	0,008	0,115	FALSE
-0,011	0,308	0,000	0,011	0,015	FALSE
-0,076	0,294	-0,003	0,012	0,085	FALSE
0,009	0,318	0,000	0,008	0,011	FALSE
-0,003	0,315	-0,001	0,013	0,015	FALSE
-0,133	0,304	-0,004	0,007	0,215	FALSE
0,129	0,309	0,003	0,007	0,202	FALSE
0,043	0,301	0,001	0,007	0,082	FALSE
0,038	0,318	0,001	0,012	0,023	FALSE
0,027	0,303	0,002	0,009	0,072	FALSE
-0,027	0,315	0,000	0,007	0,004	FALSE
0,004	0,320	0,000	0,010	0,000	FALSE
0,009	0,316	0,000	0,010	0,014	FALSE
0,095	0,294	0,002	0,010	0,091	FALSE
0,086	0,306	0,004	0,013	0,123	FALSE
0,047	0,310	0,002	0,012	0,066	FALSE
-0,032	0,303	-0,002	0,009	0,070	FALSE
-0,155	0,303	-0,003	0,006	0,224	FALSE
0,072	0,325	0,002	0,010	0,089	FALSE
0,000	0,305	0,000	0,010	0,007	FALSE
-0,085	0,302	-0,002	0,007	0,123	FALSE
0,048	0,312	0,003	0,013	0,074	FALSE
0,053	0,299	0,002	0,012	0,068	FALSE
0,063	0,304	0,002	0,007	0,083	FALSE
-0,037	0,305	-0,001	0,012	0,026	FALSE
0,048	0,308	0,002	0,009	0,087	FALSE
0,091	0,294	0,003	0,008	0,146	FALSE
0,065	0,312	0,002	0,008	0,081	FALSE
0,007	0,306	0,001	0,010	0,034	FALSE
0,074	0,313	0,003	0,013	0,085	FALSE
0,022	0,316	0,001	0,008	0,031	FALSE
-0,006	0,306	-0,001	0,006	0,036	FALSE
-0,089	0,309	-0,003	0,012	0,085	FALSE
0,039	0,309	0,001	0,007	0,030	FALSE
-0,097	0,299	-0,004	0,013	0,115	FALSE
0,002	0,311	-0,001	0,009	0,031	FALSE
0,000	0,312	0,000	0,008	0,019	FALSE
-0,058	0,329	-0,003	0,012	0,083	FALSE
0,028	0,305	0,000	0,009	0,007	FALSE
0,010	0,313	0,000	0,011	0,005	FALSE
-0,016	0,320	-0,001	0,009	0,026	FALSE
-0,055	0,306	-0,002	0,011	0,074	FALSE
0,041	0,331	0,001	0,013	0,039	FALSE
0,015	0,320	0,000	0,013	0,002	FALSE
0,083	0,303	0,002	0,007	0,126	FALSE

-0,116	0,313	-0,003	0,009	0,154	FALSE
-0,145	0,324	-0,003	0,007	0,163	FALSE
0,055	0,304	0,001	0,007	0,035	FALSE
-0,079	0,312	-0,002	0,009	0,093	FALSE
-0,019	0,303	0,001	0,012	0,023	FALSE
0,074	0,291	0,001	0,006	0,045	FALSE
-0,018	0,309	-0,001	0,007	0,043	FALSE
0,168	0,290	0,006	0,010	0,248	FALSE
-0,065	0,309	-0,001	0,011	0,045	FALSE
-0,087	0,301	-0,002	0,007	0,116	FALSE
0,039	0,310	0,002	0,011	0,063	FALSE
0,077	0,294	0,003	0,012	0,100	FALSE
-0,029	0,295	0,000	0,012	0,009	FALSE
0,064	0,306	0,002	0,007	0,097	FALSE
0,026	0,317	0,001	0,011	0,031	FALSE
0,081	0,303	0,002	0,010	0,077	FALSE
0,084	0,292	0,002	0,007	0,098	FALSE
0,118	0,294	0,003	0,010	0,141	FALSE
-0,052	0,317	0,000	0,007	0,026	FALSE
0,002	0,300	0,000	0,010	0,010	FALSE
-0,006	0,301	0,000	0,012	0,004	FALSE
-0,075	0,301	-0,003	0,010	0,113	FALSE
-0,044	0,308	-0,001	0,011	0,043	FALSE
0,094	0,304	0,003	0,011	0,114	FALSE
-0,081	0,289	-0,003	0,008	0,126	FALSE
-0,055	0,304	-0,001	0,010	0,041	FALSE
-0,003	0,303	0,000	0,007	0,005	FALSE
0,058	0,301	0,002	0,012	0,065	FALSE
0,066	0,291	0,002	0,008	0,105	FALSE
0,061	0,311	0,001	0,007	0,058	FALSE
0,112	0,308	0,006	0,012	0,183	FALSE
0,123	0,297	0,005	0,012	0,168	FALSE
0,162	0,316	0,004	0,009	0,213	FALSE
0,088	0,293	0,004	0,012	0,116	FALSE
-0,018	0,306	-0,001	0,010	0,021	FALSE
0,082	0,304	0,003	0,010	0,095	FALSE
0,085	0,306	0,003	0,010	0,101	FALSE
0,063	0,309	0,001	0,006	0,055	FALSE
0,049	0,324	0,001	0,007	0,043	FALSE
0,004	0,300	0,000	0,011	0,009	FALSE
-0,122	0,320	-0,002	0,007	0,143	FALSE
0,067	0,301	0,002	0,011	0,061	FALSE
-0,052	0,307	-0,002	0,011	0,062	FALSE
-0,030	0,316	-0,002	0,012	0,046	FALSE
-0,175	0,317	-0,004	0,007	0,241	FALSE
-0,032	0,305	-0,001	0,011	0,021	FALSE
0,027	0,312	0,001	0,008	0,033	FALSE
0,022	0,311	0,001	0,009	0,024	FALSE
-0,015	0,288	0,000	0,007	0,011	FALSE
-0,005	0,297	0,000	0,012	0,004	FALSE
0,069	0,300	0,002	0,009	0,063	FALSE
0,004	0,309	-0,001	0,011	0,019	FALSE
0,104	0,315	0,004	0,012	0,121	FALSE

0,056	0,312	0,002	0,011	0,055	FALSE
0,031	0,294	0,001	0,006	0,041	FALSE
-0,017	0,308	-0,001	0,010	0,021	FALSE
-0,108	0,304	-0,004	0,011	0,133	FALSE
0,024	0,304	0,002	0,009	0,075	FALSE
0,064	0,286	0,001	0,008	0,064	FALSE
0,011	0,298	0,001	0,008	0,050	FALSE
0,025	0,307	0,001	0,012	0,040	FALSE
0,072	0,327	0,002	0,009	0,084	FALSE
-0,056	0,303	-0,001	0,009	0,039	FALSE
-0,020	0,303	0,000	0,007	0,008	FALSE
-0,082	0,314	-0,003	0,013	0,087	FALSE
-0,006	0,304	0,000	0,009	0,001	FALSE
-0,066	0,308	-0,001	0,006	0,056	FALSE
-0,101	0,309	-0,004	0,013	0,119	FALSE
0,142	0,307	0,005	0,010	0,184	FALSE
0,033	0,301	0,000	0,008	0,003	FALSE
-0,057	0,311	-0,001	0,007	0,043	FALSE
-0,081	0,307	-0,001	0,008	0,071	FALSE
-0,070	0,318	-0,001	0,008	0,067	FALSE
0,017	0,299	0,001	0,011	0,044	FALSE
-0,004	0,316	0,000	0,012	0,005	FALSE
-0,082	0,311	-0,003	0,009	0,125	FALSE
0,035	0,301	0,002	0,009	0,072	FALSE
0,150	0,300	0,003	0,007	0,155	FALSE
-0,143	0,306	-0,003	0,008	0,153	FALSE
-0,163	0,304	-0,003	0,007	0,225	FALSE
-0,067	0,302	-0,003	0,012	0,095	FALSE
0,056	0,307	0,001	0,007	0,051	FALSE
-0,008	0,316	0,000	0,006	0,002	FALSE
-0,095	0,304	-0,003	0,008	0,137	FALSE
0,116	0,310	0,003	0,007	0,157	FALSE
0,137	0,311	0,004	0,009	0,181	FALSE
-0,105	0,314	-0,004	0,013	0,124	FALSE
-0,024	0,311	-0,001	0,012	0,041	FALSE
-0,027	0,308	-0,001	0,012	0,041	FALSE
-0,141	0,311	-0,004	0,013	0,128	FALSE
0,010	0,307	0,000	0,008	0,015	FALSE
0,029	0,322	0,001	0,013	0,032	FALSE
0,041	0,300	0,002	0,013	0,047	FALSE
0,011	0,300	0,000	0,012	0,007	FALSE
-0,152	0,309	-0,005	0,013	0,162	FALSE
-0,134	0,309	-0,005	0,013	0,164	FALSE
-0,058	0,315	-0,002	0,011	0,063	FALSE
0,063	0,318	0,001	0,007	0,052	FALSE
0,090	0,306	0,002	0,007	0,131	FALSE
0,000	0,306	0,000	0,012	0,005	FALSE
0,073	0,308	0,001	0,007	0,080	FALSE
-0,013	0,302	0,000	0,012	0,011	FALSE
0,099	0,318	0,004	0,010	0,140	FALSE
0,222	0,283	0,007	0,009	0,347	FALSE
-0,020	0,301	-0,001	0,010	0,021	FALSE
-0,181	0,280	-0,008	0,012	0,312	FALSE

-0,038	0,319	-0,001	0,011	0,040	FALSE
0,057	0,299	0,002	0,013	0,047	FALSE
0,049	0,292	0,002	0,013	0,049	FALSE
0,136	0,306	0,004	0,008	0,180	FALSE
-0,012	0,300	0,000	0,007	0,000	FALSE
0,120	0,307	0,003	0,007	0,154	FALSE
0,033	0,313	0,001	0,007	0,058	FALSE
-0,078	0,309	-0,002	0,011	0,087	FALSE
-0,049	0,308	-0,003	0,012	0,082	FALSE
-0,081	0,303	-0,002	0,009	0,069	FALSE
0,054	0,318	0,001	0,007	0,060	FALSE
0,203	0,305	0,006	0,009	0,316	FALSE
-0,035	0,292	-0,002	0,008	0,080	FALSE
-0,026	0,299	-0,002	0,009	0,069	FALSE
-0,028	0,298	-0,001	0,009	0,042	FALSE
0,236	0,301	0,007	0,009	0,420	FALSE
0,264	0,288	0,009	0,009	0,496	FALSE
0,193	0,279	0,005	0,007	0,285	FALSE
0,122	0,310	0,003	0,009	0,148	FALSE
0,112	0,314	0,003	0,008	0,149	FALSE
-0,122	0,296	-0,005	0,011	0,196	FALSE
-0,192	0,298	-0,005	0,008	0,273	FALSE
-0,070	0,311	-0,001	0,007	0,070	FALSE
0,079	0,295	0,004	0,012	0,124	FALSE
0,055	0,298	0,001	0,008	0,067	FALSE
-0,045	0,300	-0,002	0,010	0,091	FALSE
0,025	0,322	0,000	0,012	0,005	FALSE
0,016	0,310	0,000	0,008	0,011	FALSE
-0,035	0,293	0,000	0,007	0,020	FALSE
-0,044	0,308	-0,001	0,008	0,037	FALSE
-0,055	0,308	-0,001	0,007	0,056	FALSE
-0,091	0,304	-0,002	0,008	0,096	FALSE
0,209	0,295	0,008	0,013	0,294	FALSE
-0,127	0,312	-0,003	0,009	0,143	FALSE
-0,037	0,299	-0,001	0,006	0,082	FALSE
-0,173	0,307	-0,006	0,011	0,219	FALSE
-0,008	0,284	-0,001	0,009	0,028	FALSE
-0,126	0,317	-0,004	0,009	0,187	FALSE
-0,121	0,312	-0,005	0,011	0,183	FALSE
-0,047	0,301	-0,002	0,008	0,072	FALSE
-0,059	0,299	-0,002	0,008	0,087	FALSE
0,052	0,310	0,001	0,010	0,047	FALSE
0,006	0,307	0,000	0,010	0,004	FALSE
0,121	0,303	0,003	0,007	0,148	FALSE
-0,032	0,308	-0,001	0,010	0,035	FALSE
0,039	0,305	0,001	0,007	0,057	FALSE
0,051	0,292	0,001	0,009	0,047	FALSE
-0,022	0,312	0,000	0,006	0,012	FALSE
-0,038	0,292	-0,002	0,012	0,049	FALSE
0,010	0,316	0,000	0,013	0,003	FALSE
-0,096	0,323	-0,002	0,008	0,095	FALSE
-0,048	0,312	-0,001	0,008	0,039	FALSE
-0,041	0,321	-0,001	0,008	0,038	FALSE

-0,061	0,291	-0,002	0,012	0,067	FALSE
-0,090	0,317	-0,002	0,007	0,121	FALSE
0,047	0,302	0,001	0,007	0,062	FALSE
-0,139	0,314	-0,006	0,013	0,198	FALSE
0,044	0,300	0,000	0,010	0,003	FALSE
0,107	0,309	0,003	0,009	0,137	FALSE
-0,086	0,304	-0,002	0,008	0,092	FALSE
-0,053	0,316	-0,002	0,009	0,091	FALSE
0,168	0,296	0,007	0,010	0,289	FALSE
-0,015	0,303	-0,001	0,012	0,022	FALSE
-0,095	0,310	-0,002	0,007	0,117	FALSE
-0,038	0,313	-0,002	0,013	0,056	FALSE
-0,119	0,313	-0,005	0,012	0,163	FALSE
-0,076	0,309	-0,002	0,008	0,072	FALSE
-0,039	0,318	-0,001	0,009	0,036	FALSE
0,049	0,303	0,002	0,012	0,062	FALSE
0,008	0,307	0,000	0,011	0,010	FALSE
-0,016	0,317	0,000	0,009	0,004	FALSE
-0,027	0,302	-0,001	0,009	0,028	FALSE
0,008	0,313	0,000	0,011	0,012	FALSE
-0,044	0,303	-0,003	0,012	0,080	FALSE
-0,058	0,300	-0,002	0,009	0,064	FALSE
-0,074	0,313	-0,001	0,007	0,066	FALSE
0,126	0,320	0,002	0,007	0,139	FALSE
-0,093	0,313	-0,003	0,010	0,114	FALSE
-0,073	0,303	-0,002	0,009	0,103	FALSE
0,068	0,314	0,002	0,006	0,094	FALSE
-0,099	0,306	-0,003	0,011	0,124	FALSE
0,046	0,300	0,002	0,008	0,074	FALSE
0,054	0,287	0,001	0,006	0,045	FALSE
0,161	0,302	0,004	0,008	0,247	FALSE
-0,040	0,308	0,000	0,006	0,013	FALSE
-0,059	0,294	-0,002	0,008	0,071	FALSE
0,030	0,308	0,001	0,006	0,055	FALSE
-0,011	0,318	0,000	0,010	0,003	FALSE
-0,117	0,300	-0,003	0,008	0,149	FALSE
0,064	0,285	0,003	0,012	0,099	FALSE
0,070	0,300	0,002	0,013	0,068	FALSE
0,142	0,295	0,006	0,012	0,195	FALSE
-0,010	0,316	0,000	0,011	0,015	FALSE
0,087	0,304	0,003	0,012	0,091	FALSE
0,007	0,318	0,000	0,007	0,024	FALSE
0,059	0,312	0,002	0,011	0,069	FALSE
-0,101	0,298	-0,005	0,013	0,148	FALSE
0,070	0,327	0,001	0,007	0,065	FALSE
0,122	0,286	0,004	0,010	0,177	FALSE
0,034	0,320	0,003	0,013	0,084	FALSE
-0,051	0,311	-0,002	0,009	0,071	FALSE
-0,014	0,301	0,000	0,010	0,017	FALSE
-0,039	0,315	-0,002	0,013	0,054	FALSE
-0,086	0,306	-0,004	0,013	0,123	FALSE
-0,080	0,313	-0,003	0,013	0,097	FALSE
0,144	0,297	0,003	0,007	0,217	FALSE

0,051	0,301	0,001	0,008	0,048	FALSE
-0,003	0,313	0,000	0,008	0,001	FALSE
-0,114	0,301	-0,004	0,012	0,136	FALSE
0,143	0,293	0,004	0,009	0,173	FALSE
0,109	0,308	0,002	0,006	0,108	FALSE
0,135	0,292	0,003	0,007	0,163	FALSE
0,011	0,310	0,000	0,010	0,006	FALSE
0,028	0,306	0,000	0,006	0,016	FALSE
0,116	0,300	0,005	0,011	0,182	FALSE
0,054	0,318	0,001	0,007	0,052	FALSE
0,028	0,299	0,001	0,008	0,042	FALSE
-0,015	0,319	0,000	0,012	0,002	FALSE
-0,073	0,315	-0,002	0,007	0,090	FALSE
0,030	0,304	0,001	0,008	0,042	FALSE
0,005	0,305	0,000	0,006	0,002	FALSE
0,018	0,315	0,000	0,007	0,018	FALSE
0,036	0,321	0,002	0,008	0,074	FALSE
-0,105	0,306	-0,004	0,010	0,162	FALSE
-0,002	0,308	0,000	0,006	0,017	FALSE
0,069	0,299	0,001	0,008	0,065	FALSE
-0,007	0,312	-0,001	0,010	0,026	FALSE
-0,053	0,310	-0,001	0,010	0,048	FALSE
0,064	0,303	0,002	0,006	0,112	FALSE
0,075	0,308	0,002	0,013	0,067	FALSE
-0,060	0,311	-0,002	0,007	0,113	FALSE
0,046	0,311	0,001	0,010	0,037	FALSE
0,035	0,298	0,001	0,009	0,031	FALSE
0,073	0,311	0,002	0,010	0,078	FALSE
0,115	0,307	0,004	0,010	0,157	FALSE
-0,045	0,317	-0,002	0,012	0,047	FALSE
0,085	0,317	0,003	0,010	0,096	FALSE
0,110	0,303	0,004	0,008	0,186	FALSE
-0,028	0,312	-0,001	0,012	0,021	FALSE
0,021	0,310	0,001	0,011	0,027	FALSE
-0,081	0,310	-0,003	0,009	0,111	FALSE
-0,086	0,307	-0,002	0,008	0,096	FALSE
-0,089	0,283	-0,004	0,012	0,119	FALSE
0,005	0,310	0,000	0,012	0,007	FALSE
-0,116	0,307	-0,004	0,009	0,162	FALSE
-0,026	0,306	-0,001	0,011	0,020	FALSE
-0,005	0,317	0,000	0,007	0,012	FALSE
0,190	0,294	0,006	0,009	0,292	FALSE
0,082	0,310	0,003	0,013	0,087	FALSE
0,036	0,313	0,001	0,009	0,054	FALSE
0,007	0,300	0,000	0,010	0,010	FALSE
0,013	0,301	0,000	0,007	0,025	FALSE
-0,069	0,322	-0,001	0,007	0,065	FALSE
-0,014	0,314	0,000	0,009	0,008	FALSE
-0,046	0,304	-0,002	0,007	0,087	FALSE
-0,056	0,305	-0,002	0,006	0,089	FALSE
0,016	0,303	0,001	0,008	0,041	FALSE
-0,037	0,305	-0,002	0,012	0,051	FALSE
0,078	0,310	0,004	0,012	0,114	FALSE

0,054	0,296	0,003	0,013	0,080	FALSE
0,068	0,279	0,004	0,012	0,116	FALSE
0,001	0,311	0,001	0,011	0,023	FALSE
-0,034	0,307	-0,001	0,013	0,017	FALSE
-0,042	0,308	-0,001	0,008	0,072	FALSE
0,060	0,292	0,004	0,011	0,151	FALSE
0,010	0,297	0,000	0,008	0,005	FALSE
-0,078	0,315	-0,002	0,008	0,082	FALSE
-0,027	0,314	-0,001	0,007	0,028	FALSE
-0,096	0,319	-0,005	0,013	0,152	FALSE
0,005	0,316	0,000	0,007	0,003	FALSE
-0,093	0,299	-0,002	0,007	0,105	FALSE
-0,011	0,299	0,000	0,007	0,003	FALSE
0,012	0,299	0,001	0,007	0,030	FALSE
-0,042	0,314	-0,001	0,011	0,032	FALSE
-0,044	0,302	-0,002	0,008	0,069	FALSE
-0,015	0,310	0,000	0,006	0,021	FALSE
0,040	0,305	0,001	0,010	0,033	FALSE
-0,045	0,308	0,000	0,006	0,029	FALSE
0,090	0,306	0,002	0,010	0,087	FALSE
0,088	0,316	0,002	0,010	0,095	FALSE
-0,028	0,305	0,000	0,008	0,023	FALSE
0,022	0,305	0,001	0,011	0,049	FALSE
0,125	0,304	0,003	0,007	0,159	FALSE
0,001	0,305	-0,001	0,011	0,024	FALSE
0,039	0,315	0,001	0,007	0,069	FALSE
-0,066	0,295	-0,003	0,011	0,087	FALSE
-0,093	0,321	-0,002	0,009	0,108	FALSE
-0,075	0,322	-0,002	0,009	0,097	FALSE
0,102	0,323	0,003	0,011	0,096	FALSE
-0,012	0,316	0,000	0,010	0,009	FALSE
-0,039	0,307	-0,001	0,009	0,042	FALSE
-0,008	0,302	0,000	0,009	0,000	FALSE
-0,070	0,313	-0,001	0,007	0,077	FALSE
0,076	0,296	0,002	0,012	0,078	FALSE
-0,019	0,310	-0,001	0,011	0,022	FALSE
0,018	0,302	0,001	0,009	0,021	FALSE
0,015	0,308	0,001	0,009	0,035	FALSE
0,077	0,314	0,002	0,007	0,108	FALSE
0,041	0,308	0,002	0,007	0,084	FALSE
0,055	0,319	0,002	0,013	0,053	FALSE
-0,046	0,318	-0,002	0,012	0,070	FALSE
0,070	0,320	0,002	0,013	0,068	FALSE
-0,047	0,303	-0,001	0,008	0,030	FALSE
0,074	0,313	0,002	0,012	0,065	FALSE
-0,039	0,316	-0,001	0,010	0,046	FALSE
0,007	0,317	0,000	0,010	0,005	FALSE
0,096	0,296	0,003	0,011	0,098	FALSE
0,028	0,303	0,001	0,010	0,034	FALSE
-0,116	0,321	-0,002	0,007	0,098	FALSE
0,015	0,319	0,000	0,007	0,021	FALSE
0,041	0,320	0,002	0,009	0,068	FALSE
-0,031	0,300	-0,002	0,011	0,060	FALSE

0,009	0,311	0,000	0,009	0,000	FALSE
0,055	0,311	0,001	0,008	0,057	FALSE
0,032	0,310	0,000	0,007	0,024	FALSE
0,064	0,290	0,002	0,006	0,099	FALSE
-0,084	0,317	-0,004	0,013	0,104	FALSE
-0,082	0,312	-0,004	0,013	0,106	FALSE
-0,024	0,292	-0,001	0,010	0,044	FALSE
-0,069	0,303	-0,003	0,013	0,101	FALSE
-0,028	0,304	-0,001	0,011	0,044	FALSE
-0,042	0,307	-0,001	0,008	0,052	FALSE
0,007	0,314	0,000	0,009	0,018	FALSE
-0,003	0,303	0,000	0,013	0,013	FALSE
0,146	0,298	0,007	0,011	0,250	FALSE
0,083	0,323	0,004	0,013	0,129	FALSE
0,092	0,307	0,004	0,012	0,126	FALSE
-0,004	0,312	0,000	0,009	0,000	FALSE
-0,012	0,314	0,000	0,007	0,003	FALSE
0,074	0,310	0,002	0,008	0,114	FALSE
0,064	0,310	0,002	0,007	0,096	FALSE
-0,133	0,305	-0,003	0,009	0,155	FALSE
-0,075	0,307	-0,002	0,007	0,091	FALSE
0,066	0,315	0,001	0,007	0,062	FALSE
-0,055	0,311	-0,001	0,007	0,060	FALSE
-0,065	0,316	-0,001	0,006	0,076	FALSE
0,043	0,304	0,002	0,013	0,065	FALSE
-0,010	0,308	0,000	0,010	0,015	FALSE
-0,152	0,314	-0,003	0,007	0,189	FALSE
0,006	0,317	0,000	0,011	0,007	FALSE
0,035	0,305	0,001	0,008	0,043	FALSE
-0,038	0,308	-0,002	0,010	0,066	FALSE
0,054	0,308	0,001	0,007	0,047	FALSE
0,086	0,313	0,002	0,008	0,099	FALSE
0,029	0,303	0,001	0,007	0,030	FALSE
-0,046	0,305	-0,001	0,006	0,054	FALSE
0,090	0,306	0,003	0,009	0,123	FALSE
-0,011	0,309	-0,001	0,012	0,037	FALSE
0,113	0,301	0,003	0,007	0,154	FALSE
0,027	0,310	0,001	0,008	0,030	FALSE
0,171	0,308	0,007	0,013	0,233	FALSE
-0,044	0,319	-0,002	0,013	0,053	FALSE
0,026	0,305	0,001	0,011	0,039	FALSE
0,033	0,320	0,001	0,009	0,039	FALSE
-0,085	0,302	-0,003	0,011	0,102	FALSE
-0,063	0,305	-0,001	0,007	0,077	FALSE
0,043	0,307	0,002	0,008	0,099	FALSE
-0,051	0,314	-0,001	0,008	0,054	FALSE
-0,041	0,304	-0,001	0,008	0,069	FALSE
-0,042	0,319	-0,002	0,013	0,046	FALSE
0,100	0,300	0,002	0,006	0,109	FALSE
0,079	0,310	0,002	0,006	0,091	FALSE
0,014	0,296	0,002	0,010	0,073	FALSE
-0,042	0,302	-0,001	0,008	0,037	FALSE
-0,148	0,299	-0,006	0,011	0,235	FALSE

0,010	0,317	0,000	0,007	0,011	FALSE
-0,084	0,305	-0,002	0,008	0,083	FALSE
-0,024	0,312	-0,001	0,009	0,056	FALSE
0,000	0,321	-0,001	0,008	0,038	FALSE
-0,037	0,310	-0,002	0,010	0,073	FALSE
0,052	0,329	0,001	0,008	0,061	FALSE
0,081	0,311	0,002	0,007	0,097	FALSE
0,002	0,319	0,000	0,009	0,007	FALSE
-0,010	0,330	0,000	0,008	0,003	FALSE
-0,065	0,313	-0,002	0,009	0,085	FALSE
0,109	0,299	0,004	0,011	0,134	FALSE
0,079	0,293	0,003	0,012	0,107	FALSE
-0,071	0,299	-0,001	0,009	0,040	FALSE
0,051	0,294	0,003	0,012	0,079	FALSE
-0,029	0,306	-0,002	0,011	0,061	FALSE
0,056	0,303	0,001	0,007	0,053	FALSE
-0,086	0,304	-0,002	0,007	0,118	FALSE
0,019	0,307	0,001	0,012	0,019	FALSE
-0,008	0,324	0,000	0,012	0,010	FALSE
0,068	0,324	0,003	0,013	0,082	FALSE
-0,076	0,308	-0,003	0,010	0,119	FALSE
-0,016	0,292	-0,001	0,008	0,048	FALSE
-0,210	0,297	-0,008	0,011	0,343	FALSE
-0,002	0,307	0,001	0,009	0,034	FALSE
-0,042	0,287	-0,002	0,010	0,054	FALSE
-0,048	0,305	-0,001	0,010	0,047	FALSE
0,025	0,306	0,000	0,011	0,014	FALSE
0,151	0,308	0,003	0,007	0,185	FALSE
0,006	0,308	0,001	0,010	0,020	FALSE
-0,124	0,307	-0,002	0,007	0,137	FALSE
-0,016	0,297	-0,001	0,011	0,029	FALSE
-0,041	0,319	-0,002	0,008	0,067	FALSE
-0,025	0,302	0,000	0,007	0,025	FALSE
-0,055	0,325	-0,001	0,007	0,051	FALSE
-0,006	0,328	0,000	0,008	0,007	FALSE
-0,005	0,309	0,000	0,009	0,018	FALSE
0,018	0,302	0,001	0,007	0,033	FALSE
-0,111	0,301	-0,004	0,010	0,172	FALSE
0,063	0,309	0,002	0,011	0,088	FALSE
0,109	0,309	0,004	0,009	0,164	FALSE
-0,017	0,317	-0,002	0,013	0,044	FALSE
-0,016	0,296	-0,001	0,010	0,056	FALSE
0,040	0,314	0,001	0,007	0,025	FALSE
0,081	0,315	0,004	0,013	0,106	FALSE
0,058	0,307	0,001	0,009	0,046	FALSE
0,030	0,309	0,001	0,012	0,029	FALSE
0,057	0,312	0,001	0,009	0,064	FALSE
0,053	0,316	0,001	0,010	0,056	FALSE
0,021	0,327	0,001	0,013	0,028	FALSE
0,173	0,297	0,004	0,008	0,230	FALSE
-0,038	0,303	-0,002	0,011	0,067	FALSE
0,099	0,297	0,003	0,012	0,102	FALSE
0,132	0,287	0,004	0,009	0,189	FALSE

0,133	0,308	0,003	0,008	0,170	FALSE
0,150	0,299	0,007	0,012	0,220	FALSE
-0,041	0,305	-0,001	0,013	0,022	FALSE
0,088	0,288	0,003	0,008	0,131	FALSE
0,114	0,296	0,003	0,008	0,157	FALSE
-0,049	0,307	-0,001	0,007	0,042	FALSE
-0,099	0,308	-0,002	0,008	0,121	FALSE
-0,039	0,305	-0,001	0,008	0,058	FALSE
0,046	0,299	0,002	0,009	0,068	FALSE
0,052	0,299	0,002	0,012	0,067	FALSE
0,039	0,294	0,001	0,008	0,058	FALSE
-0,088	0,299	-0,004	0,012	0,120	FALSE
0,060	0,314	0,001	0,007	0,077	FALSE
0,131	0,315	0,004	0,008	0,196	FALSE
0,141	0,307	0,004	0,008	0,198	FALSE
-0,123	0,303	-0,004	0,011	0,151	FALSE
0,010	0,315	0,000	0,007	0,010	FALSE
0,049	0,300	0,001	0,009	0,053	FALSE
-0,065	0,307	-0,002	0,011	0,064	FALSE
-0,089	0,305	-0,003	0,010	0,116	FALSE
-0,048	0,315	-0,002	0,010	0,063	FALSE
-0,015	0,309	-0,001	0,010	0,036	FALSE
-0,003	0,305	0,000	0,010	0,016	FALSE
-0,044	0,316	-0,001	0,006	0,057	FALSE
0,035	0,315	0,001	0,013	0,024	FALSE
-0,029	0,316	-0,001	0,006	0,042	FALSE
0,116	0,313	0,004	0,009	0,161	FALSE
0,004	0,318	0,000	0,012	0,010	FALSE
-0,180	0,303	-0,004	0,008	0,250	FALSE
-0,058	0,308	-0,001	0,011	0,047	FALSE
0,129	0,304	0,003	0,007	0,217	FALSE
-0,015	0,307	0,000	0,008	0,014	FALSE
-0,007	0,306	-0,001	0,011	0,022	FALSE
0,011	0,302	0,001	0,012	0,016	FALSE
0,067	0,314	0,003	0,011	0,092	FALSE
0,012	0,312	0,000	0,008	0,002	FALSE
0,134	0,301	0,003	0,006	0,215	FALSE
-0,001	0,301	0,000	0,006	0,000	FALSE
0,156	0,302	0,007	0,012	0,236	FALSE
0,008	0,313	0,000	0,010	0,008	FALSE
0,069	0,299	0,003	0,012	0,102	FALSE
0,047	0,310	0,001	0,006	0,044	FALSE
0,063	0,302	0,002	0,006	0,098	FALSE
-0,104	0,301	-0,005	0,012	0,154	FALSE
0,017	0,310	0,001	0,011	0,023	FALSE
-0,123	0,291	-0,004	0,008	0,178	FALSE
-0,126	0,306	-0,003	0,009	0,163	FALSE
0,001	0,317	0,001	0,012	0,030	FALSE
0,058	0,291	0,001	0,007	0,041	FALSE
0,125	0,309	0,003	0,008	0,148	FALSE
0,109	0,294	0,004	0,013	0,128	FALSE
-0,037	0,308	-0,001	0,009	0,056	FALSE
0,051	0,293	0,001	0,009	0,063	FALSE

0,022	0,302	0,001	0,008	0,031	FALSE
-0,012	0,317	-0,001	0,010	0,045	FALSE
0,075	0,294	0,002	0,006	0,148	FALSE
0,033	0,314	0,001	0,007	0,054	FALSE
-0,047	0,307	-0,001	0,007	0,060	FALSE
0,026	0,325	0,000	0,010	0,007	FALSE
-0,189	0,310	-0,004	0,007	0,271	FALSE
0,051	0,300	0,001	0,007	0,036	FALSE
-0,113	0,300	-0,005	0,012	0,173	FALSE
-0,044	0,299	-0,002	0,013	0,054	FALSE
0,002	0,305	0,000	0,012	0,001	FALSE
-0,013	0,302	-0,001	0,009	0,026	FALSE
-0,060	0,315	-0,003	0,009	0,109	FALSE
-0,030	0,313	-0,001	0,012	0,035	FALSE
0,084	0,300	0,003	0,012	0,108	FALSE
0,109	0,304	0,005	0,012	0,168	FALSE
-0,129	0,306	-0,005	0,012	0,182	FALSE
-0,109	0,314	-0,003	0,009	0,148	FALSE
-0,095	0,313	-0,003	0,009	0,119	FALSE
0,088	0,303	0,002	0,007	0,127	FALSE
0,044	0,300	0,001	0,007	0,051	FALSE
0,018	0,309	0,001	0,009	0,041	FALSE
-0,046	0,305	0,000	0,008	0,017	FALSE
0,086	0,311	0,004	0,013	0,114	FALSE
0,054	0,295	0,002	0,008	0,090	FALSE
0,007	0,306	0,000	0,013	0,001	FALSE
-0,047	0,298	-0,001	0,006	0,030	FALSE
-0,055	0,317	-0,001	0,007	0,056	FALSE
-0,089	0,284	-0,003	0,010	0,097	FALSE
-0,103	0,310	-0,002	0,007	0,112	FALSE
-0,101	0,316	-0,004	0,013	0,124	FALSE
0,032	0,312	0,001	0,010	0,041	FALSE
0,035	0,317	0,001	0,008	0,060	FALSE
0,001	0,323	0,000	0,013	0,009	FALSE
-0,001	0,306	0,002	0,013	0,044	FALSE
-0,074	0,300	-0,002	0,008	0,092	FALSE
0,157	0,293	0,005	0,009	0,267	FALSE
0,047	0,303	0,001	0,011	0,046	FALSE
-0,050	0,300	-0,002	0,009	0,074	FALSE
-0,070	0,309	-0,003	0,011	0,087	FALSE
-0,109	0,307	-0,003	0,009	0,145	FALSE
-0,049	0,294	-0,001	0,007	0,045	FALSE
0,116	0,303	0,003	0,007	0,171	FALSE
0,013	0,305	0,000	0,012	0,008	FALSE
0,197	0,280	0,005	0,010	0,241	FALSE
0,188	0,285	0,004	0,007	0,238	FALSE
0,133	0,304	0,004	0,008	0,190	FALSE
0,028	0,312	0,001	0,011	0,047	FALSE
0,075	0,323	0,002	0,007	0,108	FALSE
-0,005	0,311	0,000	0,007	0,008	FALSE
-0,020	0,299	-0,001	0,007	0,031	FALSE
0,051	0,305	0,001	0,007	0,036	FALSE
0,025	0,311	0,003	0,012	0,080	FALSE

0,010	0,299	0,000	0,007	0,005	FALSE
-0,069	0,308	-0,002	0,009	0,063	FALSE
0,041	0,314	0,001	0,008	0,040	FALSE
-0,069	0,316	-0,002	0,008	0,072	FALSE
0,026	0,309	0,000	0,006	0,016	FALSE
-0,127	0,312	-0,006	0,013	0,179	FALSE
0,022	0,325	0,000	0,007	0,002	FALSE
0,166	0,309	0,006	0,010	0,261	FALSE
-0,018	0,313	-0,001	0,006	0,040	FALSE
-0,008	0,297	0,000	0,006	0,009	FALSE
0,186	0,297	0,007	0,009	0,345	FALSE
-0,071	0,316	-0,003	0,013	0,100	FALSE
0,058	0,291	0,001	0,006	0,089	FALSE
0,051	0,310	0,002	0,010	0,082	FALSE
0,127	0,301	0,003	0,008	0,156	FALSE
0,013	0,308	0,000	0,011	0,000	FALSE
0,046	0,301	0,002	0,012	0,069	FALSE
-0,023	0,314	0,000	0,008	0,007	FALSE
-0,037	0,316	-0,001	0,007	0,043	FALSE
-0,030	0,303	-0,001	0,010	0,031	FALSE
0,039	0,315	0,001	0,009	0,035	FALSE
-0,079	0,299	-0,002	0,006	0,094	FALSE
-0,008	0,291	0,000	0,012	0,008	FALSE
-0,014	0,300	0,000	0,008	0,004	FALSE
0,011	0,312	0,001	0,011	0,036	FALSE
0,044	0,314	0,001	0,010	0,033	FALSE
-0,081	0,300	-0,002	0,011	0,066	FALSE
-0,063	0,309	-0,004	0,013	0,105	FALSE
0,038	0,322	0,002	0,013	0,047	FALSE
-0,061	0,304	-0,003	0,010	0,095	FALSE
0,000	0,314	0,000	0,009	0,014	FALSE
0,058	0,304	0,001	0,006	0,071	FALSE
0,099	0,308	0,003	0,010	0,126	FALSE
-0,045	0,309	-0,001	0,006	0,040	FALSE
0,044	0,285	0,002	0,011	0,071	FALSE
0,016	0,302	0,000	0,009	0,017	FALSE
-0,049	0,304	-0,001	0,007	0,041	FALSE
-0,039	0,312	-0,001	0,008	0,058	FALSE
-0,035	0,302	-0,001	0,010	0,037	FALSE
-0,018	0,300	-0,001	0,010	0,024	FALSE
-0,104	0,304	-0,003	0,008	0,152	FALSE
-0,005	0,307	0,000	0,010	0,011	FALSE
-0,038	0,308	-0,001	0,008	0,052	FALSE
-0,060	0,307	-0,003	0,012	0,112	FALSE
0,084	0,306	0,003	0,012	0,084	FALSE
0,071	0,307	0,002	0,012	0,058	FALSE
0,009	0,314	-0,001	0,013	0,019	FALSE
0,109	0,285	0,004	0,007	0,213	FALSE
0,090	0,317	0,004	0,011	0,131	FALSE
-0,079	0,314	-0,002	0,009	0,082	FALSE
0,089	0,300	0,003	0,008	0,153	FALSE
0,027	0,304	0,001	0,012	0,016	FALSE
0,047	0,319	0,001	0,012	0,039	FALSE

0,054	0,317	0,001	0,007	0,070	FALSE
-0,024	0,309	0,000	0,012	0,001	FALSE
-0,094	0,316	-0,002	0,007	0,122	FALSE
-0,011	0,302	-0,001	0,006	0,041	FALSE
-0,011	0,317	-0,001	0,013	0,014	FALSE
-0,085	0,298	-0,001	0,008	0,072	FALSE
0,045	0,308	0,001	0,011	0,045	FALSE
-0,076	0,305	-0,003	0,012	0,100	FALSE
-0,026	0,314	-0,001	0,013	0,036	FALSE
0,076	0,322	0,003	0,013	0,083	FALSE
0,088	0,312	0,003	0,012	0,104	FALSE
0,063	0,311	0,003	0,013	0,084	FALSE
-0,003	0,309	0,000	0,007	0,015	FALSE
-0,100	0,304	-0,003	0,007	0,149	FALSE
0,006	0,304	0,000	0,012	0,007	FALSE
0,128	0,298	0,003	0,007	0,174	FALSE
-0,038	0,303	-0,001	0,013	0,041	FALSE
0,036	0,300	0,001	0,012	0,035	FALSE
-0,044	0,300	-0,003	0,012	0,089	FALSE
-0,068	0,314	-0,002	0,009	0,090	FALSE
0,038	0,297	0,002	0,013	0,071	FALSE
0,010	0,306	0,000	0,009	0,014	FALSE
0,000	0,297	0,000	0,009	0,010	FALSE
0,061	0,306	0,003	0,010	0,109	FALSE
0,057	0,308	0,002	0,008	0,119	FALSE
0,061	0,307	0,002	0,007	0,104	FALSE
-0,038	0,302	-0,001	0,006	0,040	FALSE
0,004	0,296	0,001	0,008	0,025	FALSE
0,021	0,311	0,001	0,008	0,049	FALSE
-0,034	0,308	-0,001	0,012	0,031	FALSE
-0,062	0,311	-0,002	0,009	0,064	FALSE
0,063	0,319	0,003	0,013	0,093	FALSE
-0,121	0,303	-0,004	0,012	0,127	FALSE
-0,029	0,306	-0,001	0,011	0,048	FALSE
-0,045	0,308	-0,001	0,009	0,047	FALSE
0,058	0,298	0,002	0,008	0,112	FALSE
-0,213	0,299	-0,005	0,008	0,306	FALSE
0,008	0,305	0,002	0,012	0,067	FALSE
0,005	0,308	-0,002	0,013	0,050	FALSE
-0,071	0,311	-0,002	0,009	0,091	FALSE
-0,142	0,310	-0,003	0,006	0,174	FALSE
-0,005	0,312	0,000	0,009	0,016	FALSE
-0,105	0,308	-0,004	0,012	0,145	FALSE
-0,119	0,287	-0,005	0,011	0,186	FALSE
0,145	0,302	0,006	0,013	0,207	FALSE
0,164	0,314	0,007	0,013	0,219	FALSE
0,031	0,311	0,000	0,007	0,014	FALSE
0,031	0,310	0,001	0,012	0,043	FALSE
-0,078	0,292	-0,001	0,007	0,082	FALSE
0,017	0,319	0,001	0,007	0,050	FALSE
0,054	0,306	0,003	0,010	0,117	FALSE
0,145	0,313	0,003	0,007	0,188	FALSE
0,161	0,308	0,005	0,009	0,242	FALSE

-0,117	0,306	-0,005	0,013	0,144	FALSE
0,012	0,306	0,000	0,006	0,015	FALSE
-0,083	0,283	-0,002	0,008	0,114	FALSE
0,016	0,317	0,000	0,011	0,006	FALSE
0,098	0,305	0,004	0,012	0,143	FALSE
0,019	0,289	0,002	0,006	0,094	FALSE
-0,116	0,316	-0,003	0,007	0,148	FALSE
-0,004	0,314	-0,001	0,011	0,026	FALSE
-0,011	0,310	-0,001	0,010	0,039	FALSE
-0,019	0,301	-0,001	0,008	0,027	FALSE
0,027	0,302	0,001	0,008	0,040	FALSE
0,099	0,299	0,005	0,011	0,200	FALSE
0,004	0,318	0,001	0,012	0,027	FALSE
0,082	0,305	0,004	0,012	0,109	FALSE
0,089	0,310	0,003	0,011	0,112	FALSE
-0,051	0,308	-0,002	0,011	0,050	FALSE
0,050	0,305	0,001	0,007	0,078	FALSE
-0,064	0,316	-0,002	0,011	0,067	FALSE
0,078	0,307	0,003	0,013	0,094	FALSE
-0,055	0,298	-0,001	0,006	0,037	FALSE
0,027	0,307	0,000	0,010	0,009	FALSE
-0,059	0,303	-0,002	0,008	0,073	FALSE
0,028	0,319	0,001	0,010	0,030	FALSE
-0,085	0,311	-0,002	0,009	0,100	FALSE
0,043	0,292	0,001	0,009	0,041	FALSE
-0,048	0,305	-0,001	0,007	0,067	FALSE
-0,061	0,304	-0,004	0,012	0,119	FALSE
-0,087	0,305	-0,004	0,012	0,134	FALSE
-0,125	0,298	-0,005	0,013	0,167	FALSE
-0,123	0,321	-0,004	0,010	0,178	FALSE
-0,126	0,315	-0,004	0,010	0,167	FALSE
-0,116	0,313	-0,004	0,010	0,159	FALSE
-0,049	0,298	-0,002	0,009	0,097	FALSE
-0,048	0,305	-0,003	0,011	0,089	FALSE
0,135	0,313	0,004	0,008	0,201	FALSE
-0,049	0,300	-0,003	0,013	0,103	FALSE
-0,005	0,304	0,000	0,011	0,016	FALSE
-0,058	0,302	-0,001	0,008	0,038	FALSE
-0,067	0,313	-0,002	0,011	0,076	FALSE
-0,016	0,297	0,000	0,006	0,027	FALSE
0,156	0,295	0,006	0,012	0,200	FALSE
0,170	0,316	0,004	0,007	0,210	FALSE
0,159	0,296	0,003	0,007	0,210	FALSE
0,030	0,313	0,002	0,012	0,050	FALSE
-0,068	0,303	-0,002	0,010	0,089	FALSE
-0,050	0,312	-0,001	0,007	0,051	FALSE
-0,026	0,304	-0,001	0,011	0,020	FALSE
-0,051	0,302	-0,001	0,008	0,043	FALSE
-0,034	0,304	-0,001	0,012	0,022	FALSE
-0,099	0,313	-0,003	0,013	0,091	FALSE
0,008	0,311	0,000	0,011	0,000	FALSE
-0,040	0,309	-0,001	0,006	0,035	FALSE
-0,021	0,297	-0,001	0,009	0,035	FALSE

0,139	0,306	0,004	0,009	0,169	FALSE
0,069	0,307	0,002	0,007	0,092	FALSE
-0,002	0,320	0,000	0,008	0,015	FALSE
0,006	0,313	0,000	0,011	0,003	FALSE
0,007	0,300	0,001	0,013	0,038	FALSE
-0,005	0,298	0,000	0,011	0,009	FALSE
0,172	0,291	0,007	0,012	0,245	FALSE
0,032	0,301	0,001	0,007	0,059	FALSE
0,008	0,290	0,000	0,009	0,005	FALSE
0,028	0,303	0,000	0,009	0,011	FALSE
0,042	0,309	0,001	0,013	0,031	FALSE
0,056	0,305	0,001	0,010	0,047	FALSE
-0,107	0,308	-0,005	0,013	0,163	FALSE
0,058	0,307	0,001	0,013	0,042	FALSE
0,011	0,311	0,000	0,007	0,016	FALSE
-0,037	0,318	-0,001	0,007	0,042	FALSE
-0,141	0,290	-0,004	0,008	0,225	FALSE
0,004	0,316	0,000	0,010	0,001	FALSE
0,030	0,317	0,000	0,010	0,013	FALSE
-0,009	0,299	-0,001	0,008	0,041	FALSE
-0,132	0,299	-0,005	0,011	0,204	FALSE
0,044	0,321	0,001	0,007	0,061	FALSE
-0,071	0,317	-0,003	0,011	0,096	FALSE
-0,031	0,300	-0,001	0,009	0,044	FALSE
-0,044	0,323	-0,001	0,010	0,046	FALSE
-0,014	0,300	-0,001	0,009	0,021	FALSE
0,007	0,318	-0,001	0,013	0,016	FALSE
0,084	0,304	0,002	0,006	0,145	FALSE
-0,100	0,302	-0,002	0,007	0,125	FALSE
0,000	0,288	0,000	0,009	0,010	FALSE
0,012	0,301	0,002	0,010	0,067	FALSE
-0,024	0,301	0,001	0,011	0,017	FALSE
0,078	0,317	0,004	0,013	0,107	FALSE
0,001	0,302	0,001	0,012	0,024	FALSE
0,150	0,303	0,005	0,011	0,194	FALSE
0,013	0,303	0,000	0,011	0,011	FALSE
-0,054	0,290	-0,002	0,009	0,060	FALSE
-0,176	0,299	-0,006	0,010	0,278	FALSE
0,069	0,295	0,003	0,011	0,127	FALSE
-0,090	0,310	-0,002	0,010	0,091	FALSE
-0,085	0,301	-0,003	0,011	0,114	FALSE
0,047	0,300	0,001	0,007	0,045	FALSE
-0,034	0,311	-0,001	0,011	0,042	FALSE
0,028	0,318	0,001	0,012	0,043	FALSE
-0,095	0,318	-0,002	0,008	0,128	FALSE
-0,103	0,315	-0,002	0,008	0,120	FALSE
-0,084	0,308	-0,002	0,008	0,092	FALSE
0,112	0,306	0,006	0,011	0,209	FALSE
0,076	0,309	0,003	0,012	0,105	FALSE
-0,136	0,302	-0,006	0,012	0,211	FALSE
0,074	0,310	0,003	0,013	0,081	FALSE
0,037	0,302	0,002	0,013	0,050	FALSE
-0,095	0,305	-0,004	0,012	0,142	FALSE

0,077	0,309	0,003	0,011	0,116	FALSE
-0,081	0,320	-0,002	0,008	0,090	FALSE
0,114	0,302	0,004	0,008	0,185	FALSE
0,024	0,312	0,001	0,006	0,036	FALSE
0,014	0,301	0,000	0,011	0,003	FALSE
0,151	0,289	0,006	0,010	0,230	FALSE
-0,099	0,305	-0,004	0,011	0,135	FALSE
-0,034	0,299	-0,001	0,012	0,032	FALSE
0,039	0,310	0,002	0,011	0,071	FALSE
0,071	0,313	0,002	0,008	0,100	FALSE
-0,049	0,313	-0,001	0,011	0,046	FALSE
-0,032	0,308	-0,001	0,011	0,025	FALSE
0,037	0,299	0,001	0,008	0,052	FALSE
0,033	0,298	0,001	0,007	0,072	FALSE
0,054	0,322	0,002	0,009	0,067	FALSE
0,002	0,294	0,000	0,012	0,011	FALSE
0,034	0,297	0,002	0,011	0,076	FALSE
-0,021	0,311	-0,001	0,009	0,025	FALSE
-0,023	0,309	-0,001	0,012	0,021	FALSE
-0,017	0,305	-0,001	0,008	0,034	FALSE
0,019	0,308	0,001	0,012	0,019	FALSE
0,029	0,311	0,001	0,012	0,046	FALSE
-0,107	0,312	-0,003	0,009	0,151	FALSE
-0,111	0,309	-0,003	0,007	0,149	FALSE
-0,055	0,311	-0,001	0,010	0,048	FALSE
-0,046	0,302	-0,001	0,007	0,033	FALSE
-0,044	0,309	-0,002	0,012	0,058	FALSE
-0,078	0,297	-0,004	0,011	0,143	FALSE
0,091	0,294	0,003	0,008	0,159	FALSE
-0,014	0,311	-0,001	0,012	0,021	FALSE
-0,007	0,308	0,000	0,009	0,007	FALSE
-0,003	0,325	0,000	0,010	0,002	FALSE
0,116	0,308	0,005	0,013	0,147	FALSE
0,026	0,300	0,001	0,007	0,027	FALSE
-0,059	0,311	-0,003	0,012	0,097	FALSE
0,100	0,310	0,002	0,008	0,126	FALSE
0,091	0,301	0,002	0,007	0,117	FALSE
-0,008	0,320	0,000	0,012	0,003	FALSE
-0,173	0,313	-0,005	0,008	0,242	FALSE
-0,004	0,298	0,000	0,009	0,011	FALSE
0,131	0,306	0,004	0,007	0,215	FALSE
0,057	0,292	0,002	0,011	0,087	FALSE
-0,054	0,304	-0,002	0,008	0,101	FALSE
0,152	0,287	0,004	0,007	0,260	FALSE
0,127	0,297	0,004	0,012	0,135	FALSE
0,104	0,306	0,003	0,012	0,092	FALSE
-0,063	0,308	-0,002	0,009	0,060	FALSE
-0,063	0,307	-0,002	0,013	0,063	FALSE
0,124	0,305	0,004	0,012	0,152	FALSE
-0,023	0,312	-0,001	0,013	0,024	FALSE
0,122	0,316	0,003	0,007	0,140	FALSE
0,128	0,308	0,004	0,010	0,165	FALSE
0,116	0,297	0,004	0,013	0,137	FALSE

0,098	0,312	0,003	0,008	0,125	FALSE
-0,026	0,310	-0,001	0,011	0,041	FALSE
-0,082	0,305	-0,002	0,006	0,091	FALSE
-0,118	0,304	-0,004	0,010	0,151	FALSE
-0,074	0,306	-0,002	0,007	0,105	FALSE
0,062	0,319	0,002	0,010	0,093	FALSE
-0,140	0,292	-0,005	0,011	0,177	FALSE
-0,010	0,318	-0,001	0,011	0,019	FALSE
-0,050	0,299	-0,001	0,013	0,041	FALSE
-0,127	0,318	-0,003	0,008	0,143	FALSE
-0,066	0,305	-0,003	0,012	0,087	FALSE
-0,049	0,321	-0,002	0,010	0,075	FALSE
-0,091	0,308	-0,004	0,012	0,133	FALSE
-0,090	0,307	-0,004	0,011	0,138	FALSE
0,032	0,322	0,002	0,010	0,058	FALSE
0,053	0,307	0,001	0,009	0,055	FALSE
0,089	0,309	0,003	0,011	0,101	FALSE
-0,024	0,323	-0,001	0,011	0,027	FALSE
-0,168	0,304	-0,005	0,008	0,243	FALSE
-0,034	0,304	-0,002	0,013	0,067	FALSE
-0,017	0,305	-0,001	0,009	0,026	FALSE
0,016	0,301	0,001	0,012	0,043	FALSE
0,029	0,310	0,002	0,012	0,052	FALSE
0,072	0,302	0,002	0,010	0,072	FALSE
0,053	0,319	0,003	0,013	0,084	FALSE
0,052	0,302	0,002	0,012	0,068	FALSE
-0,031	0,289	-0,001	0,010	0,034	FALSE
-0,093	0,307	-0,002	0,006	0,113	FALSE
-0,126	0,320	-0,003	0,007	0,168	FALSE
0,029	0,310	0,001	0,012	0,034	FALSE
-0,080	0,308	-0,002	0,011	0,079	FALSE
-0,086	0,302	-0,002	0,006	0,099	FALSE
0,088	0,300	0,002	0,009	0,092	FALSE
-0,109	0,315	-0,002	0,007	0,120	FALSE
-0,040	0,288	-0,002	0,012	0,056	FALSE
-0,050	0,308	-0,001	0,009	0,032	FALSE
-0,036	0,304	0,000	0,009	0,005	FALSE
0,006	0,291	0,000	0,012	0,011	FALSE
0,005	0,314	-0,001	0,013	0,021	TRUE
0,019	0,310	0,000	0,013	0,001	FALSE
0,024	0,304	0,001	0,014	0,035	FALSE
0,054	0,300	0,003	0,013	0,077	FALSE
-0,024	0,311	-0,001	0,010	0,027	FALSE
-0,014	0,319	-0,001	0,012	0,015	FALSE
0,040	0,304	0,003	0,012	0,082	FALSE
-0,069	0,307	-0,002	0,006	0,114	FALSE
0,017	0,316	0,000	0,009	0,000	FALSE
-0,052	0,316	0,000	0,007	0,020	FALSE
0,071	0,309	0,002	0,009	0,089	FALSE
-0,064	0,293	-0,002	0,010	0,083	FALSE
-0,051	0,303	-0,002	0,011	0,062	FALSE
-0,045	0,322	-0,001	0,009	0,051	FALSE
-0,038	0,305	-0,001	0,008	0,035	FALSE

-0,043	0,319	-0,001	0,009	0,044	FALSE
0,060	0,300	0,003	0,012	0,100	FALSE
0,090	0,307	0,003	0,009	0,130	FALSE
-0,081	0,311	-0,002	0,007	0,096	FALSE
-0,125	0,325	-0,003	0,008	0,147	FALSE
-0,093	0,313	-0,002	0,008	0,105	FALSE
0,026	0,317	0,002	0,014	0,051	FALSE
0,092	0,298	0,002	0,006	0,154	FALSE
-0,042	0,315	-0,001	0,009	0,037	FALSE
0,016	0,309	0,001	0,006	0,031	FALSE
0,121	0,311	0,003	0,009	0,154	FALSE
-0,023	0,311	-0,001	0,010	0,038	FALSE
-0,023	0,309	-0,001	0,012	0,015	FALSE
-0,016	0,321	0,000	0,013	0,008	FALSE
-0,033	0,316	-0,001	0,007	0,052	FALSE
0,031	0,305	0,001	0,007	0,067	FALSE
-0,027	0,316	-0,001	0,012	0,022	FALSE
0,006	0,307	0,000	0,012	0,009	FALSE
-0,061	0,307	-0,002	0,009	0,101	FALSE
0,091	0,297	0,003	0,007	0,141	FALSE
-0,064	0,312	-0,002	0,007	0,087	FALSE
0,027	0,315	0,001	0,007	0,049	FALSE
0,075	0,293	0,001	0,006	0,087	FALSE
-0,123	0,300	-0,003	0,008	0,166	FALSE
-0,037	0,312	-0,001	0,013	0,039	FALSE
0,115	0,309	0,005	0,013	0,148	FALSE
-0,041	0,305	-0,001	0,009	0,064	FALSE
-0,038	0,304	-0,001	0,008	0,038	FALSE
0,007	0,306	0,001	0,011	0,033	FALSE
0,085	0,307	0,002	0,009	0,072	FALSE
-0,055	0,309	-0,001	0,008	0,054	FALSE
0,119	0,294	0,003	0,008	0,128	FALSE
-0,101	0,301	-0,004	0,011	0,138	FALSE
-0,101	0,297	-0,004	0,011	0,134	FALSE
-0,092	0,302	-0,004	0,011	0,140	FALSE
0,011	0,319	0,000	0,009	0,007	FALSE
0,071	0,300	0,004	0,013	0,118	FALSE
0,063	0,307	0,001	0,007	0,063	FALSE
-0,043	0,305	-0,002	0,011	0,051	FALSE
0,049	0,305	0,001	0,006	0,070	FALSE
-0,038	0,297	-0,001	0,006	0,061	FALSE
-0,069	0,313	-0,002	0,007	0,110	FALSE
0,051	0,313	0,002	0,012	0,060	FALSE
0,102	0,296	0,004	0,012	0,129	FALSE
0,012	0,301	0,001	0,009	0,051	FALSE
-0,113	0,300	-0,003	0,006	0,165	FALSE
-0,022	0,327	-0,001	0,013	0,037	FALSE
-0,023	0,311	-0,001	0,012	0,041	FALSE
-0,063	0,322	-0,003	0,013	0,080	FALSE
0,027	0,303	0,001	0,008	0,039	FALSE
0,039	0,314	0,002	0,012	0,053	FALSE
0,047	0,317	0,001	0,009	0,052	FALSE
0,027	0,290	0,000	0,009	0,004	FALSE

0,032	0,316	0,001	0,011	0,041	FALSE
-0,127	0,309	-0,003	0,007	0,196	FALSE
0,082	0,309	0,002	0,010	0,088	FALSE
0,029	0,303	0,002	0,013	0,046	FALSE
0,177	0,315	0,004	0,007	0,241	FALSE
-0,014	0,304	-0,001	0,009	0,026	FALSE
0,171	0,299	0,004	0,007	0,208	FALSE
0,017	0,306	0,000	0,007	0,012	FALSE
-0,027	0,300	0,000	0,007	0,012	FALSE
-0,119	0,320	-0,003	0,007	0,143	FALSE
0,032	0,309	0,001	0,008	0,048	FALSE
0,087	0,301	0,003	0,007	0,142	FALSE
-0,021	0,308	0,000	0,008	0,016	FALSE
-0,039	0,327	-0,001	0,009	0,032	FALSE
0,062	0,306	0,002	0,007	0,134	FALSE
-0,030	0,321	-0,001	0,007	0,031	FALSE
-0,083	0,303	-0,002	0,007	0,103	FALSE
0,079	0,306	0,002	0,011	0,086	FALSE
-0,095	0,298	-0,005	0,013	0,169	FALSE
0,058	0,295	0,002	0,008	0,107	FALSE
0,081	0,307	0,002	0,007	0,120	FALSE
0,054	0,319	0,003	0,013	0,078	FALSE
0,046	0,301	0,002	0,007	0,093	FALSE
0,112	0,297	0,003	0,007	0,182	FALSE
-0,171	0,292	-0,005	0,009	0,251	FALSE
-0,110	0,303	-0,002	0,007	0,147	FALSE
0,069	0,303	0,001	0,006	0,079	FALSE
-0,111	0,301	-0,002	0,007	0,129	FALSE
-0,020	0,297	0,000	0,008	0,012	FALSE
0,081	0,310	0,002	0,008	0,128	FALSE
0,018	0,311	0,001	0,007	0,032	FALSE
0,056	0,309	0,002	0,008	0,077	FALSE
-0,036	0,309	-0,001	0,010	0,043	FALSE
0,130	0,316	0,004	0,009	0,195	FALSE
-0,013	0,305	0,000	0,010	0,005	FALSE
0,026	0,309	0,001	0,012	0,035	FALSE
0,017	0,297	0,001	0,011	0,032	FALSE
-0,176	0,324	-0,004	0,008	0,222	FALSE
0,139	0,314	0,003	0,007	0,191	FALSE
0,053	0,310	0,002	0,008	0,083	FALSE
-0,033	0,310	-0,001	0,009	0,025	FALSE
-0,182	0,308	-0,007	0,011	0,265	FALSE
-0,015	0,307	0,000	0,007	0,013	FALSE
0,024	0,302	0,000	0,007	0,010	FALSE
0,014	0,293	0,000	0,012	0,012	FALSE
0,013	0,308	0,000	0,009	0,002	FALSE
0,091	0,286	0,003	0,012	0,101	FALSE
0,076	0,299	0,004	0,013	0,115	FALSE
0,015	0,310	0,001	0,007	0,045	FALSE
-0,001	0,312	0,000	0,010	0,003	FALSE
-0,020	0,312	0,000	0,008	0,016	FALSE
-0,009	0,302	0,000	0,012	0,003	FALSE
0,005	0,312	0,001	0,007	0,025	FALSE

-0,010	0,304	0,001	0,008	0,028	FALSE
0,057	0,304	0,002	0,010	0,089	FALSE
-0,012	0,319	-0,001	0,011	0,019	FALSE
-0,062	0,305	-0,002	0,006	0,101	FALSE
-0,015	0,289	0,000	0,007	0,006	FALSE
0,006	0,307	0,000	0,012	0,013	FALSE
-0,125	0,316	-0,005	0,011	0,173	FALSE
-0,005	0,311	-0,001	0,012	0,021	FALSE
-0,038	0,304	-0,001	0,009	0,055	FALSE
0,009	0,300	0,000	0,012	0,013	FALSE
0,139	0,294	0,003	0,007	0,182	FALSE
0,041	0,301	0,002	0,011	0,059	FALSE
0,086	0,305	0,002	0,010	0,090	FALSE
-0,052	0,300	-0,001	0,008	0,042	FALSE
-0,042	0,308	-0,001	0,008	0,036	FALSE
0,075	0,304	0,002	0,008	0,109	FALSE
-0,019	0,305	-0,001	0,011	0,025	FALSE
0,038	0,308	0,001	0,011	0,021	FALSE
0,155	0,292	0,003	0,006	0,210	FALSE
-0,072	0,301	-0,002	0,011	0,081	FALSE
-0,071	0,296	-0,002	0,012	0,076	FALSE
-0,064	0,299	-0,002	0,009	0,062	FALSE
0,057	0,311	0,001	0,007	0,073	FALSE
-0,110	0,303	-0,002	0,007	0,099	FALSE
-0,027	0,302	-0,001	0,010	0,042	FALSE
0,018	0,307	0,001	0,012	0,044	FALSE
-0,003	0,297	0,000	0,007	0,005	FALSE
0,002	0,305	0,000	0,007	0,022	FALSE
0,068	0,283	0,002	0,012	0,068	FALSE
-0,075	0,317	-0,002	0,010	0,070	FALSE
0,032	0,303	0,002	0,012	0,048	FALSE
0,022	0,303	0,001	0,012	0,036	FALSE
-0,016	0,305	-0,001	0,013	0,028	FALSE
-0,050	0,309	-0,001	0,013	0,041	FALSE
-0,021	0,316	-0,001	0,012	0,035	FALSE
0,052	0,321	0,002	0,009	0,071	FALSE
0,063	0,312	0,002	0,009	0,089	FALSE
0,099	0,295	0,004	0,012	0,137	FALSE
-0,122	0,309	-0,005	0,012	0,164	FALSE
0,087	0,299	0,004	0,012	0,126	FALSE
0,017	0,305	0,001	0,008	0,034	FALSE
-0,006	0,310	0,000	0,009	0,012	FALSE
0,022	0,315	0,001	0,010	0,018	FALSE
0,184	0,308	0,007	0,010	0,294	FALSE
0,152	0,292	0,003	0,006	0,218	FALSE
0,161	0,301	0,003	0,007	0,197	FALSE
0,104	0,291	0,003	0,007	0,166	FALSE
0,118	0,301	0,003	0,007	0,142	FALSE
-0,168	0,303	-0,003	0,007	0,194	FALSE
0,086	0,307	0,002	0,008	0,089	FALSE
-0,038	0,309	-0,002	0,013	0,056	FALSE
-0,052	0,305	-0,003	0,012	0,080	FALSE
0,056	0,312	0,002	0,011	0,078	FALSE

-0,055	0,299	-0,002	0,009	0,098	FALSE
0,052	0,303	0,002	0,007	0,082	FALSE
-0,026	0,302	-0,001	0,009	0,027	FALSE
0,131	0,312	0,003	0,009	0,150	FALSE
-0,125	0,312	-0,004	0,010	0,171	FALSE
-0,021	0,316	-0,001	0,008	0,024	FALSE
0,054	0,302	0,002	0,006	0,095	FALSE
0,051	0,293	0,002	0,011	0,062	FALSE
0,077	0,308	0,002	0,007	0,112	FALSE
0,033	0,311	0,000	0,011	0,010	FALSE
0,235	0,289	0,010	0,012	0,394	FALSE
-0,018	0,295	-0,001	0,012	0,035	FALSE
-0,024	0,315	-0,001	0,010	0,044	FALSE
-0,071	0,307	-0,003	0,010	0,135	FALSE
0,026	0,300	0,001	0,008	0,037	FALSE
-0,053	0,303	-0,001	0,006	0,049	FALSE
-0,022	0,316	0,000	0,008	0,021	FALSE
0,046	0,309	0,002	0,013	0,071	FALSE
0,082	0,315	0,002	0,010	0,081	FALSE
0,080	0,304	0,002	0,010	0,089	FALSE
-0,057	0,312	-0,003	0,012	0,083	FALSE
-0,043	0,304	-0,001	0,006	0,048	FALSE
0,020	0,293	0,001	0,006	0,046	FALSE
-0,051	0,297	-0,001	0,010	0,039	FALSE
-0,034	0,303	-0,001	0,007	0,029	FALSE
-0,097	0,302	-0,002	0,008	0,100	FALSE
0,040	0,308	0,001	0,007	0,051	FALSE
0,044	0,303	0,001	0,008	0,054	FALSE
0,006	0,324	0,000	0,008	0,016	FALSE
-0,003	0,328	0,000	0,009	0,003	FALSE
-0,005	0,309	0,000	0,008	0,011	FALSE
0,085	0,295	0,002	0,012	0,076	FALSE
-0,056	0,301	-0,001	0,007	0,049	FALSE
-0,037	0,291	0,000	0,007	0,018	FALSE
0,054	0,314	0,003	0,011	0,093	FALSE
0,019	0,314	0,001	0,009	0,039	FALSE
0,006	0,308	0,001	0,008	0,038	FALSE
0,062	0,311	0,002	0,009	0,104	FALSE
0,080	0,307	0,002	0,006	0,108	FALSE
0,049	0,311	0,001	0,012	0,023	FALSE
0,134	0,312	0,003	0,006	0,174	FALSE
-0,037	0,321	0,000	0,007	0,023	FALSE
0,078	0,305	0,002	0,007	0,118	FALSE
-0,029	0,314	-0,001	0,008	0,023	FALSE
-0,065	0,299	-0,002	0,010	0,091	FALSE
0,022	0,308	0,000	0,007	0,009	FALSE
-0,060	0,308	-0,002	0,008	0,074	FALSE
0,141	0,308	0,004	0,008	0,192	FALSE
0,031	0,322	0,001	0,009	0,043	FALSE
-0,057	0,300	-0,001	0,007	0,060	FALSE
-0,041	0,296	-0,001	0,007	0,043	FALSE
-0,106	0,320	-0,002	0,008	0,116	FALSE
0,060	0,293	0,002	0,011	0,055	FALSE

-0,022	0,306	-0,001	0,011	0,043	FALSE
0,040	0,298	0,001	0,008	0,026	FALSE
-0,037	0,301	-0,001	0,007	0,075	FALSE
0,111	0,306	0,004	0,012	0,138	FALSE
-0,015	0,322	0,000	0,012	0,002	FALSE
-0,097	0,304	-0,003	0,008	0,156	FALSE
-0,063	0,316	-0,002	0,013	0,064	FALSE
-0,043	0,311	-0,001	0,007	0,068	FALSE
-0,108	0,305	-0,004	0,013	0,109	FALSE
-0,102	0,304	-0,003	0,013	0,106	FALSE
-0,038	0,309	-0,001	0,006	0,046	FALSE
-0,049	0,302	-0,001	0,007	0,055	FALSE
-0,052	0,318	-0,001	0,010	0,032	FALSE
-0,069	0,322	-0,003	0,010	0,111	FALSE
0,009	0,310	0,000	0,008	0,010	FALSE
-0,013	0,309	-0,002	0,013	0,043	FALSE
-0,010	0,307	0,001	0,006	0,033	FALSE
-0,053	0,310	-0,001	0,007	0,079	FALSE
-0,003	0,311	0,000	0,007	0,009	FALSE
-0,025	0,300	0,000	0,008	0,010	FALSE
0,021	0,302	0,001	0,007	0,026	FALSE
-0,068	0,306	-0,003	0,011	0,096	FALSE
0,051	0,305	0,001	0,007	0,065	FALSE
-0,103	0,308	-0,003	0,010	0,124	FALSE
0,039	0,302	0,001	0,013	0,030	FALSE
0,017	0,298	0,002	0,013	0,060	FALSE
0,014	0,304	0,000	0,012	0,008	FALSE
0,180	0,289	0,007	0,011	0,307	FALSE
0,038	0,298	0,002	0,012	0,051	FALSE
-0,021	0,318	0,000	0,013	0,007	FALSE
0,046	0,308	0,002	0,013	0,044	FALSE
-0,031	0,303	-0,002	0,012	0,052	FALSE
-0,005	0,320	0,000	0,008	0,007	FALSE
0,076	0,307	0,002	0,007	0,115	FALSE
-0,041	0,303	-0,001	0,008	0,025	FALSE
0,004	0,307	0,001	0,008	0,023	FALSE
-0,007	0,313	0,000	0,010	0,017	FALSE
-0,041	0,312	-0,001	0,010	0,032	FALSE
0,012	0,292	0,000	0,009	0,017	FALSE
-0,089	0,303	-0,002	0,008	0,088	FALSE
-0,041	0,305	-0,001	0,007	0,056	FALSE
-0,153	0,318	-0,004	0,008	0,185	FALSE
-0,120	0,311	-0,003	0,007	0,200	FALSE
-0,031	0,304	-0,001	0,012	0,022	FALSE
-0,064	0,315	-0,001	0,011	0,048	FALSE
-0,073	0,304	-0,003	0,013	0,088	FALSE
-0,022	0,321	-0,001	0,011	0,024	FALSE
-0,093	0,315	-0,002	0,007	0,109	FALSE
0,004	0,323	0,000	0,012	0,003	FALSE
-0,104	0,327	-0,004	0,011	0,147	FALSE
0,152	0,294	0,004	0,008	0,188	FALSE
-0,073	0,308	-0,002	0,008	0,077	FALSE
0,008	0,316	0,001	0,007	0,029	FALSE

-0,048	0,308	-0,001	0,011	0,042	FALSE
-0,012	0,299	-0,001	0,012	0,020	FALSE
0,254	0,295	0,007	0,009	0,397	FALSE
-0,045	0,310	-0,002	0,013	0,057	FALSE
0,005	0,300	0,000	0,009	0,020	FALSE
0,087	0,302	0,004	0,013	0,103	FALSE
-0,036	0,299	-0,001	0,009	0,036	FALSE
-0,019	0,301	0,000	0,008	0,018	FALSE
0,012	0,307	0,000	0,006	0,027	FALSE
0,005	0,296	-0,001	0,010	0,018	FALSE
0,038	0,305	0,002	0,012	0,062	FALSE
-0,128	0,287	-0,003	0,008	0,167	FALSE
0,069	0,312	0,002	0,008	0,080	FALSE
-0,054	0,289	-0,002	0,011	0,069	FALSE
-0,075	0,318	-0,002	0,008	0,093	FALSE
-0,090	0,300	-0,003	0,010	0,117	FALSE
-0,001	0,308	0,000	0,011	0,001	FALSE
-0,004	0,306	0,000	0,006	0,006	FALSE
0,062	0,313	0,002	0,012	0,074	FALSE
-0,076	0,316	-0,002	0,008	0,108	FALSE
0,071	0,293	0,002	0,010	0,079	FALSE
-0,001	0,320	0,000	0,006	0,028	FALSE
0,053	0,307	0,002	0,011	0,072	FALSE
0,095	0,305	0,002	0,007	0,110	FALSE
-0,026	0,310	-0,002	0,012	0,054	FALSE
-0,039	0,295	-0,001	0,010	0,029	FALSE
0,106	0,308	0,003	0,008	0,136	FALSE
-0,008	0,301	0,001	0,007	0,032	FALSE
0,081	0,296	0,003	0,010	0,114	FALSE
0,077	0,304	0,004	0,012	0,129	FALSE
-0,071	0,314	-0,002	0,008	0,100	FALSE
0,019	0,330	0,000	0,009	0,014	FALSE
0,003	0,315	0,000	0,013	0,003	FALSE
-0,030	0,302	-0,002	0,012	0,046	FALSE
0,009	0,304	0,000	0,012	0,009	FALSE
-0,110	0,302	-0,003	0,009	0,142	FALSE
-0,044	0,320	-0,001	0,010	0,041	FALSE
0,018	0,313	0,001	0,012	0,029	FALSE
0,012	0,299	0,000	0,008	0,017	FALSE
-0,015	0,313	0,000	0,008	0,003	FALSE
-0,015	0,323	-0,001	0,014	0,032	FALSE
0,023	0,290	0,001	0,010	0,043	FALSE
0,080	0,307	0,003	0,013	0,100	FALSE
0,051	0,308	0,002	0,008	0,078	FALSE
-0,048	0,313	-0,001	0,009	0,037	FALSE
-0,081	0,306	-0,001	0,007	0,082	FALSE
0,066	0,306	0,002	0,012	0,072	FALSE
0,071	0,310	0,002	0,012	0,078	FALSE
-0,021	0,295	-0,001	0,009	0,045	FALSE
0,019	0,294	0,000	0,007	0,010	FALSE
-0,082	0,303	-0,002	0,007	0,088	FALSE
-0,014	0,309	-0,001	0,012	0,025	FALSE
-0,078	0,293	-0,003	0,012	0,097	FALSE

0,012	0,313	0,000	0,008	0,006	FALSE
0,019	0,299	0,000	0,008	0,016	FALSE
0,019	0,316	0,000	0,007	0,025	FALSE
-0,069	0,309	-0,001	0,010	0,052	FALSE
-0,034	0,322	0,000	0,011	0,014	FALSE
-0,078	0,316	-0,003	0,012	0,086	FALSE
0,107	0,308	0,004	0,010	0,169	FALSE
-0,136	0,321	-0,004	0,009	0,168	FALSE
-0,131	0,300	-0,003	0,008	0,163	FALSE
-0,171	0,296	-0,004	0,008	0,251	FALSE
-0,078	0,313	-0,002	0,009	0,092	FALSE
0,041	0,309	0,002	0,009	0,061	FALSE
-0,131	0,306	-0,006	0,011	0,210	FALSE
0,029	0,308	0,001	0,007	0,044	FALSE
-0,143	0,312	-0,003	0,006	0,187	FALSE
0,035	0,302	0,001	0,007	0,042	FALSE
0,140	0,306	0,003	0,007	0,189	FALSE
-0,066	0,305	-0,002	0,013	0,067	FALSE
-0,043	0,306	-0,001	0,009	0,045	FALSE
0,007	0,301	0,000	0,010	0,005	FALSE
-0,044	0,321	-0,001	0,008	0,049	FALSE
-0,039	0,300	-0,002	0,009	0,068	FALSE
-0,061	0,299	-0,001	0,007	0,068	FALSE
-0,024	0,326	-0,001	0,012	0,029	FALSE
0,046	0,300	0,001	0,009	0,021	FALSE
-0,042	0,300	-0,001	0,008	0,067	FALSE
-0,038	0,303	-0,001	0,006	0,077	FALSE
0,037	0,311	0,001	0,007	0,062	FALSE
0,130	0,291	0,004	0,009	0,177	FALSE
0,004	0,307	0,000	0,006	0,003	FALSE
0,015	0,307	0,000	0,009	0,008	FALSE
-0,111	0,304	-0,005	0,012	0,155	FALSE
0,081	0,302	0,004	0,012	0,135	FALSE
-0,006	0,295	-0,001	0,010	0,053	FALSE
0,085	0,310	0,002	0,008	0,109	FALSE
-0,060	0,301	-0,001	0,007	0,055	FALSE
-0,011	0,322	0,000	0,007	0,010	FALSE
-0,043	0,314	-0,002	0,013	0,052	FALSE
-0,009	0,315	-0,001	0,013	0,017	FALSE
-0,015	0,304	-0,001	0,011	0,048	FALSE
-0,061	0,314	-0,001	0,007	0,067	FALSE
-0,072	0,296	-0,002	0,007	0,095	FALSE
-0,077	0,319	-0,002	0,007	0,092	FALSE
0,041	0,307	0,001	0,008	0,026	FALSE
-0,047	0,310	-0,002	0,010	0,055	FALSE
0,028	0,314	0,001	0,009	0,038	FALSE
-0,077	0,298	-0,001	0,006	0,088	FALSE
-0,070	0,315	-0,003	0,012	0,085	FALSE
0,021	0,310	0,001	0,009	0,031	FALSE
-0,017	0,299	0,000	0,012	0,005	FALSE
0,093	0,312	0,003	0,014	0,082	FALSE
0,027	0,310	0,001	0,012	0,034	FALSE
-0,021	0,307	0,000	0,012	0,013	FALSE

-0,037	0,294	-0,001	0,007	0,057	FALSE
0,066	0,303	0,002	0,009	0,083	FALSE
-0,070	0,298	-0,001	0,007	0,072	FALSE
-0,086	0,313	-0,002	0,011	0,075	FALSE
-0,012	0,318	0,000	0,011	0,012	FALSE
0,037	0,309	0,002	0,008	0,080	FALSE
0,097	0,300	0,003	0,011	0,117	FALSE
-0,070	0,306	-0,002	0,010	0,088	FALSE
0,113	0,306	0,003	0,007	0,174	FALSE
0,052	0,308	0,001	0,008	0,052	FALSE
-0,023	0,310	-0,001	0,009	0,049	FALSE
-0,017	0,313	-0,001	0,013	0,015	FALSE
-0,038	0,288	-0,001	0,009	0,038	FALSE
-0,043	0,316	-0,002	0,012	0,058	FALSE
0,014	0,313	0,001	0,008	0,025	FALSE
-0,127	0,301	-0,004	0,011	0,148	FALSE
-0,045	0,310	-0,003	0,011	0,092	FALSE
0,163	0,307	0,005	0,009	0,248	FALSE
0,165	0,309	0,006	0,009	0,269	FALSE
0,061	0,303	0,001	0,008	0,052	FALSE
-0,061	0,300	-0,001	0,008	0,039	FALSE
0,023	0,313	0,001	0,009	0,023	FALSE
-0,093	0,294	-0,002	0,007	0,121	FALSE
-0,071	0,305	-0,002	0,008	0,097	FALSE
-0,013	0,314	-0,001	0,012	0,029	FALSE
0,034	0,311	0,001	0,012	0,040	FALSE
0,075	0,306	0,002	0,007	0,093	FALSE
-0,098	0,315	-0,004	0,011	0,137	FALSE
0,065	0,309	0,003	0,012	0,083	FALSE
0,004	0,308	-0,001	0,011	0,018	FALSE
0,071	0,334	0,002	0,007	0,084	FALSE
0,027	0,324	0,001	0,010	0,035	FALSE
0,109	0,305	0,002	0,008	0,113	FALSE
-0,055	0,322	-0,001	0,008	0,050	FALSE
0,053	0,301	0,001	0,013	0,038	FALSE
-0,088	0,315	-0,002	0,007	0,138	FALSE
-0,012	0,305	0,000	0,008	0,023	FALSE
-0,013	0,312	-0,001	0,011	0,022	FALSE
-0,043	0,313	-0,001	0,013	0,027	FALSE
-0,050	0,325	-0,001	0,008	0,056	FALSE
0,004	0,319	0,000	0,008	0,008	FALSE
-0,017	0,303	-0,001	0,013	0,020	FALSE
0,009	0,304	0,001	0,010	0,042	FALSE
0,065	0,322	0,002	0,008	0,071	FALSE
0,064	0,300	0,001	0,006	0,074	FALSE
-0,023	0,314	-0,001	0,007	0,046	FALSE
-0,114	0,297	-0,005	0,011	0,162	FALSE
-0,112	0,320	-0,004	0,010	0,151	FALSE
-0,091	0,325	-0,002	0,008	0,101	FALSE
0,014	0,300	0,001	0,008	0,032	FALSE
-0,047	0,303	-0,002	0,013	0,061	FALSE
0,076	0,306	0,001	0,006	0,092	FALSE
-0,111	0,297	-0,002	0,007	0,122	FALSE

-0,068	0,314	-0,003	0,013	0,083	FALSE
-0,095	0,308	-0,004	0,012	0,140	FALSE
0,004	0,320	0,000	0,011	0,000	FALSE
-0,072	0,312	-0,003	0,012	0,080	FALSE
-0,051	0,300	-0,001	0,011	0,038	FALSE
-0,074	0,310	-0,004	0,012	0,141	FALSE
-0,054	0,311	-0,001	0,011	0,043	FALSE
-0,040	0,299	-0,001	0,007	0,026	FALSE
-0,053	0,305	-0,002	0,013	0,050	FALSE
-0,021	0,313	-0,001	0,010	0,034	FALSE
0,014	0,303	0,000	0,011	0,009	FALSE
-0,046	0,310	-0,002	0,011	0,067	FALSE
0,048	0,313	0,001	0,009	0,052	FALSE
0,059	0,315	0,001	0,008	0,060	FALSE
0,017	0,315	0,000	0,008	0,020	FALSE
0,052	0,301	0,002	0,012	0,058	FALSE
0,059	0,302	0,002	0,009	0,095	FALSE
0,025	0,287	0,002	0,009	0,102	FALSE
0,026	0,296	0,001	0,008	0,058	FALSE
0,094	0,304	0,003	0,006	0,165	FALSE
0,013	0,298	0,001	0,008	0,023	FALSE
0,097	0,287	0,005	0,012	0,163	FALSE
-0,059	0,309	-0,002	0,010	0,062	FALSE
-0,047	0,307	-0,001	0,008	0,033	FALSE
-0,090	0,307	-0,003	0,010	0,108	FALSE
0,034	0,324	0,001	0,013	0,027	FALSE
-0,022	0,306	0,000	0,009	0,019	FALSE
0,099	0,303	0,003	0,009	0,135	FALSE
-0,022	0,318	-0,001	0,007	0,042	FALSE
0,040	0,310	0,002	0,012	0,057	FALSE
0,110	0,307	0,003	0,007	0,147	FALSE
-0,040	0,308	-0,001	0,007	0,060	FALSE
0,074	0,305	0,004	0,011	0,138	FALSE
0,180	0,302	0,005	0,009	0,235	FALSE
0,056	0,318	0,002	0,013	0,045	FALSE
-0,045	0,286	-0,001	0,011	0,021	FALSE
-0,111	0,298	-0,005	0,012	0,187	FALSE
0,078	0,303	0,002	0,010	0,077	FALSE
0,003	0,303	0,000	0,012	0,003	FALSE
0,036	0,319	0,001	0,008	0,055	FALSE
0,011	0,291	0,001	0,011	0,048	FALSE
0,022	0,323	0,001	0,008	0,040	FALSE
0,014	0,312	0,000	0,013	0,007	FALSE
0,051	0,302	0,001	0,010	0,036	FALSE
-0,035	0,292	-0,001	0,007	0,029	FALSE
-0,024	0,308	0,000	0,006	0,001	FALSE
0,098	0,304	0,003	0,009	0,113	FALSE
0,067	0,313	0,002	0,007	0,090	FALSE
0,136	0,288	0,006	0,011	0,221	FALSE
-0,065	0,304	-0,002	0,007	0,097	FALSE
0,040	0,314	0,002	0,013	0,060	FALSE
0,037	0,305	0,002	0,013	0,063	FALSE
0,035	0,307	0,001	0,008	0,046	FALSE

-0,090	0,325	-0,002	0,007	0,097	FALSE
0,090	0,308	0,004	0,012	0,136	FALSE
0,083	0,306	0,002	0,006	0,110	FALSE
-0,001	0,309	0,000	0,007	0,012	FALSE
0,099	0,311	0,003	0,012	0,098	FALSE
0,045	0,306	0,001	0,006	0,032	FALSE
-0,144	0,309	-0,005	0,010	0,183	FALSE
-0,053	0,299	-0,002	0,010	0,061	FALSE
-0,036	0,291	-0,001	0,011	0,046	FALSE
0,047	0,300	0,001	0,008	0,071	FALSE
-0,045	0,318	-0,001	0,009	0,039	FALSE
-0,111	0,319	-0,003	0,007	0,161	FALSE
0,056	0,306	0,002	0,008	0,081	FALSE
-0,149	0,299	-0,003	0,006	0,219	FALSE
0,003	0,318	0,001	0,011	0,026	FALSE
0,041	0,312	0,001	0,010	0,031	FALSE
0,006	0,310	0,000	0,008	0,021	FALSE
-0,067	0,322	-0,001	0,007	0,072	FALSE
-0,063	0,307	-0,001	0,007	0,049	FALSE
-0,002	0,296	0,000	0,008	0,009	FALSE
0,019	0,308	0,000	0,008	0,012	FALSE
-0,087	0,292	-0,003	0,007	0,146	FALSE
-0,023	0,300	-0,002	0,012	0,068	FALSE
0,024	0,314	0,001	0,009	0,036	FALSE
-0,079	0,306	-0,002	0,007	0,125	FALSE
-0,004	0,306	0,000	0,007	0,012	FALSE
-0,125	0,297	-0,004	0,009	0,182	FALSE
0,028	0,292	0,001	0,009	0,040	FALSE
-0,054	0,306	-0,001	0,007	0,036	FALSE
0,014	0,301	0,001	0,008	0,028	FALSE
-0,085	0,321	-0,001	0,008	0,067	FALSE
-0,005	0,312	0,000	0,007	0,006	FALSE
0,044	0,300	0,002	0,009	0,090	FALSE
0,091	0,298	0,003	0,009	0,144	FALSE
0,009	0,309	0,000	0,006	0,022	FALSE
-0,211	0,287	-0,006	0,009	0,343	FALSE
-0,043	0,300	0,000	0,010	0,009	FALSE
-0,003	0,320	0,000	0,010	0,010	FALSE
0,038	0,311	0,001	0,010	0,032	FALSE
-0,056	0,300	-0,001	0,013	0,039	FALSE
-0,089	0,310	-0,003	0,013	0,075	FALSE
-0,083	0,320	-0,003	0,013	0,094	FALSE
-0,015	0,306	0,000	0,012	0,004	FALSE
-0,034	0,311	-0,001	0,009	0,044	FALSE
0,003	0,302	0,000	0,011	0,007	FALSE
0,008	0,292	0,000	0,007	0,015	FALSE
0,105	0,306	0,003	0,008	0,124	FALSE
-0,133	0,307	-0,005	0,010	0,194	FALSE
-0,038	0,307	-0,001	0,011	0,027	FALSE
-0,128	0,312	-0,004	0,010	0,160	FALSE
0,114	0,291	0,003	0,009	0,148	FALSE
-0,060	0,316	-0,002	0,013	0,066	FALSE
0,003	0,304	0,000	0,007	0,002	FALSE

-0,039	0,308	-0,001	0,011	0,048	FALSE
-0,059	0,319	-0,002	0,013	0,072	FALSE
-0,066	0,315	-0,003	0,013	0,088	FALSE
0,002	0,299	-0,001	0,012	0,020	FALSE
0,047	0,298	0,002	0,012	0,065	FALSE
0,087	0,311	0,004	0,012	0,118	FALSE
0,031	0,308	0,001	0,012	0,034	FALSE
-0,081	0,305	-0,002	0,008	0,093	FALSE
0,051	0,308	0,002	0,007	0,087	FALSE
0,051	0,291	0,001	0,007	0,081	FALSE
0,039	0,304	0,001	0,007	0,075	FALSE
0,037	0,300	0,001	0,008	0,059	FALSE
-0,030	0,302	-0,001	0,008	0,030	FALSE
-0,088	0,306	-0,004	0,012	0,116	FALSE
-0,002	0,312	0,000	0,013	0,008	FALSE
-0,005	0,312	0,000	0,006	0,003	FALSE
0,101	0,302	0,002	0,007	0,124	FALSE
-0,109	0,297	-0,004	0,012	0,119	FALSE
0,011	0,318	0,000	0,012	0,010	FALSE
-0,005	0,300	-0,001	0,008	0,024	FALSE
-0,047	0,308	-0,001	0,008	0,034	FALSE
-0,060	0,299	-0,001	0,008	0,061	FALSE
0,098	0,309	0,004	0,011	0,136	FALSE
-0,054	0,313	-0,001	0,008	0,055	FALSE
0,096	0,299	0,002	0,010	0,095	FALSE
-0,029	0,293	-0,001	0,007	0,050	FALSE
0,099	0,303	0,002	0,007	0,126	FALSE
0,055	0,298	0,002	0,012	0,073	FALSE
-0,068	0,316	-0,001	0,007	0,055	FALSE
-0,068	0,311	-0,003	0,013	0,077	FALSE
-0,097	0,294	-0,003	0,012	0,109	FALSE
0,057	0,299	0,001	0,007	0,056	FALSE
0,186	0,324	0,007	0,012	0,243	FALSE
0,067	0,301	0,002	0,012	0,060	FALSE
-0,104	0,317	-0,004	0,013	0,133	FALSE
-0,122	0,312	-0,003	0,007	0,154	FALSE
-0,008	0,314	-0,001	0,013	0,034	FALSE
-0,125	0,313	-0,006	0,013	0,175	FALSE
-0,028	0,278	-0,001	0,010	0,034	FALSE
0,043	0,304	0,002	0,012	0,059	FALSE
-0,014	0,301	-0,001	0,007	0,046	FALSE
0,071	0,308	0,002	0,008	0,076	FALSE
-0,018	0,309	0,000	0,008	0,003	FALSE
0,085	0,297	0,002	0,006	0,111	FALSE
-0,137	0,308	-0,004	0,008	0,197	FALSE
-0,113	0,295	-0,003	0,010	0,125	FALSE
-0,046	0,285	-0,001	0,008	0,048	FALSE
0,023	0,304	0,000	0,009	0,020	FALSE
-0,026	0,323	0,000	0,009	0,019	FALSE
-0,131	0,299	-0,004	0,007	0,209	FALSE
0,041	0,307	0,001	0,008	0,035	FALSE
0,050	0,307	0,002	0,007	0,092	FALSE
0,038	0,298	0,001	0,010	0,051	FALSE

0,051	0,294	0,002	0,009	0,062	FALSE
0,100	0,307	0,003	0,010	0,130	FALSE
-0,054	0,309	0,000	0,007	0,025	FALSE
0,039	0,318	0,001	0,011	0,045	FALSE
0,064	0,318	0,001	0,007	0,078	FALSE
-0,034	0,301	0,000	0,007	0,026	FALSE
-0,004	0,311	0,001	0,008	0,028	FALSE
0,027	0,312	0,001	0,011	0,035	FALSE
-0,021	0,301	-0,001	0,008	0,024	FALSE
0,000	0,324	0,000	0,008	0,018	FALSE
-0,044	0,321	-0,001	0,009	0,053	FALSE
-0,130	0,302	-0,003	0,009	0,158	FALSE
-0,035	0,309	-0,001	0,012	0,028	FALSE
0,022	0,312	0,001	0,008	0,027	FALSE
-0,115	0,306	-0,003	0,007	0,169	FALSE
0,074	0,305	0,003	0,009	0,108	FALSE
0,021	0,313	0,000	0,009	0,013	FALSE
0,111	0,300	0,003	0,008	0,133	FALSE
-0,179	0,302	-0,007	0,012	0,276	FALSE
-0,164	0,311	-0,007	0,012	0,247	FALSE
-0,082	0,297	-0,002	0,008	0,100	FALSE
0,095	0,302	0,003	0,009	0,125	FALSE
0,045	0,303	0,001	0,010	0,021	FALSE
0,067	0,304	0,002	0,006	0,092	FALSE
0,031	0,305	0,001	0,007	0,044	FALSE
-0,097	0,299	-0,002	0,007	0,098	FALSE
0,025	0,305	0,001	0,006	0,034	FALSE
0,027	0,311	0,001	0,011	0,021	FALSE
0,139	0,290	0,004	0,008	0,206	FALSE
0,092	0,312	0,003	0,009	0,114	FALSE
0,049	0,301	0,001	0,009	0,052	FALSE
0,091	0,303	0,003	0,008	0,133	FALSE
0,213	0,307	0,005	0,008	0,327	FALSE
0,071	0,319	0,003	0,011	0,098	FALSE
-0,055	0,315	-0,001	0,008	0,072	FALSE
0,152	0,298	0,003	0,006	0,228	FALSE
-0,021	0,323	-0,001	0,013	0,029	FALSE
0,075	0,314	0,002	0,009	0,070	FALSE
-0,023	0,283	-0,001	0,011	0,032	FALSE
-0,085	0,317	-0,003	0,010	0,095	FALSE
0,051	0,291	0,003	0,012	0,087	FALSE
0,017	0,298	0,001	0,009	0,026	FALSE
-0,039	0,305	0,000	0,007	0,013	FALSE
-0,014	0,296	0,000	0,007	0,011	FALSE
-0,120	0,318	-0,004	0,012	0,149	FALSE
-0,092	0,312	-0,004	0,012	0,118	FALSE
0,018	0,304	0,001	0,008	0,049	FALSE
-0,075	0,310	-0,001	0,007	0,069	FALSE
0,092	0,316	0,002	0,007	0,111	FALSE
-0,194	0,297	-0,005	0,007	0,321	FALSE
-0,030	0,310	-0,001	0,010	0,051	FALSE
-0,008	0,317	0,000	0,010	0,008	FALSE
-0,011	0,313	-0,001	0,010	0,028	FALSE

0,065	0,305	0,001	0,007	0,083	FALSE
0,069	0,307	0,003	0,010	0,118	FALSE
-0,077	0,306	-0,004	0,013	0,111	FALSE
-0,039	0,310	-0,002	0,010	0,070	FALSE
-0,001	0,310	0,000	0,008	0,010	FALSE
-0,032	0,308	-0,001	0,011	0,052	FALSE
0,004	0,306	0,001	0,012	0,024	FALSE
-0,029	0,302	-0,001	0,010	0,038	FALSE
-0,003	0,307	0,000	0,012	0,006	FALSE
0,011	0,307	0,001	0,013	0,026	FALSE
-0,077	0,309	-0,002	0,009	0,085	FALSE
0,185	0,307	0,004	0,006	0,243	FALSE
0,052	0,310	0,003	0,009	0,118	FALSE
-0,009	0,300	-0,001	0,011	0,018	FALSE
0,020	0,312	0,000	0,008	0,005	FALSE
-0,011	0,305	0,000	0,007	0,006	FALSE
0,134	0,290	0,005	0,012	0,158	FALSE
0,131	0,290	0,005	0,012	0,166	FALSE
0,120	0,286	0,004	0,012	0,152	FALSE
0,002	0,310	0,000	0,007	0,006	FALSE
-0,026	0,320	0,000	0,007	0,002	FALSE
0,174	0,300	0,004	0,008	0,207	FALSE
-0,032	0,314	0,000	0,010	0,016	FALSE
-0,042	0,299	-0,001	0,010	0,044	FALSE
-0,036	0,315	-0,001	0,010	0,037	FALSE
0,142	0,311	0,005	0,010	0,199	FALSE
-0,118	0,289	-0,002	0,008	0,114	FALSE
-0,048	0,305	-0,001	0,007	0,051	FALSE
0,047	0,310	0,001	0,010	0,040	FALSE
0,115	0,316	0,004	0,013	0,130	FALSE
-0,058	0,315	-0,002	0,011	0,061	FALSE
0,053	0,292	0,001	0,008	0,056	FALSE
0,007	0,315	0,000	0,007	0,020	FALSE
-0,021	0,303	0,000	0,009	0,007	FALSE
0,057	0,301	0,002	0,012	0,075	FALSE
0,016	0,297	-0,001	0,009	0,028	FALSE
0,045	0,304	0,001	0,007	0,078	FALSE
0,071	0,304	0,003	0,008	0,124	FALSE
0,028	0,327	0,001	0,008	0,053	FALSE
0,018	0,288	0,000	0,006	0,019	FALSE
0,058	0,298	0,002	0,012	0,070	FALSE
-0,066	0,308	-0,001	0,007	0,081	FALSE
-0,070	0,308	-0,002	0,007	0,087	FALSE
-0,061	0,307	-0,002	0,007	0,079	FALSE
-0,084	0,301	-0,002	0,009	0,096	FALSE
0,034	0,305	0,002	0,011	0,060	FALSE
-0,091	0,307	-0,004	0,012	0,151	FALSE
-0,005	0,301	-0,001	0,012	0,018	FALSE
-0,020	0,318	-0,001	0,007	0,041	FALSE
0,180	0,310	0,006	0,009	0,273	FALSE
-0,033	0,309	-0,001	0,009	0,020	FALSE
0,084	0,308	0,003	0,011	0,113	FALSE
0,040	0,300	0,001	0,011	0,040	FALSE

-0,119	0,327	-0,004	0,011	0,142	FALSE
-0,056	0,316	-0,001	0,009	0,054	FALSE
-0,029	0,303	-0,001	0,006	0,033	FALSE
-0,105	0,305	-0,003	0,009	0,111	FALSE
-0,164	0,302	-0,003	0,007	0,211	FALSE
0,026	0,297	0,001	0,006	0,031	FALSE
-0,067	0,289	-0,002	0,007	0,087	FALSE
0,071	0,312	0,003	0,012	0,079	FALSE
0,232	0,299	0,005	0,006	0,376	FALSE
0,144	0,310	0,004	0,008	0,215	FALSE
-0,128	0,302	-0,006	0,013	0,191	FALSE
0,062	0,292	0,001	0,007	0,073	FALSE
-0,071	0,315	-0,002	0,009	0,064	FALSE
-0,007	0,298	-0,001	0,012	0,020	FALSE
-0,036	0,303	-0,001	0,009	0,038	FALSE
0,063	0,320	0,002	0,010	0,098	FALSE
0,012	0,312	0,000	0,008	0,013	FALSE
0,048	0,301	0,001	0,007	0,058	FALSE
0,043	0,306	0,001	0,012	0,044	FALSE
0,033	0,297	0,001	0,012	0,022	FALSE
0,059	0,308	0,001	0,007	0,044	FALSE
0,188	0,293	0,004	0,007	0,274	FALSE
0,049	0,311	0,002	0,012	0,072	FALSE
-0,104	0,313	-0,003	0,008	0,130	FALSE
0,008	0,306	0,001	0,008	0,033	FALSE
-0,218	0,306	-0,008	0,010	0,348	FALSE
0,081	0,288	0,004	0,012	0,121	FALSE
-0,026	0,313	-0,001	0,006	0,036	FALSE
-0,005	0,308	-0,001	0,012	0,019	FALSE
-0,058	0,307	-0,002	0,009	0,093	FALSE
0,071	0,319	0,002	0,007	0,116	FALSE
-0,067	0,314	-0,003	0,013	0,083	FALSE
0,069	0,314	0,001	0,007	0,059	FALSE
-0,067	0,304	-0,003	0,011	0,100	FALSE
0,008	0,301	0,000	0,009	0,007	FALSE
0,038	0,312	0,001	0,008	0,056	FALSE
0,068	0,299	0,001	0,008	0,069	FALSE
0,046	0,307	0,001	0,008	0,047	FALSE
-0,039	0,309	-0,001	0,009	0,023	FALSE
-0,047	0,310	-0,001	0,011	0,051	FALSE
-0,056	0,314	-0,002	0,011	0,060	FALSE
-0,029	0,309	-0,001	0,011	0,017	FALSE
-0,079	0,300	-0,003	0,012	0,084	FALSE
0,074	0,302	0,002	0,010	0,078	FALSE
0,114	0,294	0,004	0,011	0,145	FALSE
-0,069	0,293	-0,001	0,007	0,066	FALSE
0,022	0,308	0,000	0,009	0,016	FALSE
0,023	0,318	0,000	0,013	0,005	FALSE
-0,006	0,310	-0,001	0,013	0,023	FALSE
-0,142	0,294	-0,004	0,008	0,224	FALSE
-0,009	0,308	0,000	0,008	0,020	FALSE
-0,012	0,299	0,000	0,007	0,016	FALSE
-0,019	0,284	0,000	0,007	0,008	FALSE

0,025	0,307	0,002	0,012	0,073	FALSE
0,168	0,301	0,004	0,006	0,296	FALSE
-0,013	0,310	0,000	0,007	0,014	FALSE
-0,066	0,325	-0,002	0,008	0,073	FALSE
0,006	0,326	0,001	0,013	0,019	FALSE
0,051	0,305	0,001	0,012	0,026	FALSE
-0,094	0,312	-0,003	0,011	0,106	FALSE
-0,039	0,306	-0,001	0,006	0,054	FALSE
-0,059	0,301	-0,001	0,009	0,061	FALSE
-0,075	0,319	-0,003	0,012	0,084	FALSE
-0,108	0,298	-0,003	0,008	0,122	FALSE
0,015	0,311	0,001	0,010	0,052	FALSE
0,008	0,310	0,001	0,011	0,025	FALSE
-0,163	0,306	-0,008	0,013	0,273	FALSE
-0,073	0,316	-0,003	0,013	0,088	FALSE
-0,047	0,318	-0,002	0,012	0,061	FALSE
-0,029	0,299	-0,001	0,012	0,038	FALSE
-0,054	0,325	-0,002	0,013	0,064	FALSE
-0,149	0,306	-0,004	0,008	0,184	FALSE
-0,001	0,295	0,000	0,007	0,009	FALSE
-0,010	0,313	-0,001	0,007	0,035	FALSE
-0,083	0,323	-0,003	0,010	0,094	FALSE
-0,020	0,308	-0,001	0,007	0,028	FALSE
-0,071	0,309	-0,002	0,010	0,081	FALSE
0,034	0,300	0,001	0,009	0,024	FALSE
-0,023	0,311	0,000	0,008	0,021	FALSE
0,009	0,299	0,000	0,006	0,019	FALSE
0,038	0,297	0,002	0,011	0,074	FALSE
0,018	0,303	0,001	0,011	0,032	FALSE
0,067	0,300	0,001	0,007	0,054	FALSE
-0,033	0,292	-0,001	0,011	0,031	FALSE
0,037	0,310	0,001	0,007	0,058	FALSE
0,068	0,307	0,002	0,009	0,091	FALSE
-0,057	0,303	-0,001	0,006	0,090	FALSE
0,097	0,311	0,003	0,007	0,146	FALSE
0,053	0,307	0,002	0,011	0,050	FALSE
0,037	0,309	0,001	0,012	0,042	FALSE
-0,017	0,316	-0,001	0,009	0,042	FALSE
-0,013	0,308	-0,001	0,012	0,025	FALSE
-0,032	0,309	-0,001	0,012	0,037	FALSE
0,027	0,300	0,001	0,009	0,063	FALSE
0,009	0,308	0,001	0,008	0,038	FALSE
0,008	0,308	0,000	0,008	0,004	FALSE
-0,025	0,311	-0,002	0,013	0,064	FALSE
-0,011	0,305	-0,001	0,012	0,035	FALSE
-0,017	0,298	-0,002	0,012	0,055	FALSE
-0,049	0,307	-0,001	0,007	0,035	FALSE
0,079	0,299	0,002	0,010	0,097	FALSE
-0,002	0,314	0,000	0,007	0,017	FALSE
0,005	0,315	0,001	0,008	0,028	FALSE
-0,020	0,302	-0,001	0,013	0,029	FALSE
-0,039	0,301	-0,002	0,012	0,045	FALSE
0,034	0,305	0,002	0,011	0,063	FALSE

0,044	0,302	0,002	0,011	0,066	FALSE
0,100	0,314	0,004	0,013	0,125	FALSE
0,135	0,295	0,003	0,007	0,182	FALSE
0,094	0,313	0,002	0,007	0,120	FALSE
-0,085	0,296	-0,003	0,010	0,122	FALSE
-0,116	0,296	-0,004	0,010	0,161	FALSE
-0,072	0,310	-0,001	0,008	0,065	FALSE
0,019	0,308	0,001	0,007	0,030	FALSE
0,066	0,304	0,001	0,009	0,042	FALSE
0,180	0,303	0,007	0,011	0,296	FALSE
-0,132	0,308	-0,004	0,009	0,199	FALSE
-0,084	0,321	-0,004	0,012	0,122	FALSE
-0,056	0,305	-0,002	0,013	0,057	FALSE
0,057	0,314	0,001	0,007	0,071	FALSE
0,048	0,312	0,002	0,010	0,062	FALSE
0,131	0,289	0,004	0,009	0,203	FALSE
-0,006	0,310	0,001	0,010	0,020	FALSE
0,006	0,309	0,000	0,007	0,013	FALSE
0,107	0,296	0,003	0,009	0,133	FALSE
0,005	0,303	0,001	0,008	0,032	FALSE
0,019	0,313	0,001	0,013	0,025	FALSE
0,054	0,309	0,001	0,007	0,045	FALSE
0,037	0,303	0,001	0,008	0,055	FALSE
0,063	0,306	0,003	0,011	0,087	FALSE
-0,134	0,287	-0,006	0,010	0,238	FALSE
-0,020	0,307	-0,001	0,013	0,015	FALSE
-0,131	0,319	-0,004	0,010	0,167	FALSE
0,007	0,302	0,000	0,012	0,002	FALSE
-0,012	0,312	0,000	0,013	0,013	FALSE
-0,018	0,312	0,000	0,008	0,014	FALSE
-0,058	0,305	-0,001	0,007	0,059	FALSE
0,075	0,299	0,002	0,009	0,111	FALSE
-0,086	0,316	-0,003	0,009	0,106	FALSE
0,122	0,315	0,002	0,007	0,135	FALSE
0,087	0,324	0,002	0,007	0,115	FALSE
0,078	0,301	0,003	0,012	0,105	FALSE
-0,058	0,294	-0,002	0,008	0,080	FALSE
-0,060	0,308	-0,002	0,009	0,081	FALSE
0,035	0,303	0,001	0,012	0,025	FALSE
0,107	0,304	0,004	0,012	0,115	FALSE
-0,094	0,307	-0,002	0,007	0,089	FALSE
0,088	0,311	0,003	0,009	0,130	FALSE
0,080	0,285	0,004	0,012	0,130	FALSE
0,031	0,310	0,000	0,012	0,010	FALSE
0,021	0,312	0,000	0,010	0,010	FALSE
0,031	0,313	0,000	0,007	0,018	FALSE
-0,020	0,311	0,000	0,007	0,017	FALSE
0,078	0,302	0,002	0,008	0,075	FALSE
-0,012	0,305	-0,001	0,011	0,023	FALSE
0,115	0,301	0,003	0,013	0,102	FALSE
0,146	0,284	0,004	0,012	0,145	FALSE
-0,118	0,311	-0,003	0,007	0,150	FALSE
-0,102	0,311	-0,002	0,007	0,082	FALSE

-0,046	0,318	-0,002	0,012	0,055	FALSE
0,074	0,310	0,003	0,012	0,089	FALSE
0,034	0,310	0,001	0,012	0,037	FALSE
-0,034	0,306	-0,001	0,008	0,024	FALSE
-0,021	0,291	0,000	0,007	0,015	FALSE
-0,099	0,317	-0,003	0,007	0,161	FALSE
-0,083	0,329	-0,002	0,007	0,125	FALSE
0,059	0,307	0,001	0,007	0,063	FALSE
-0,046	0,305	-0,001	0,009	0,050	FALSE
-0,090	0,313	-0,003	0,008	0,127	FALSE
0,018	0,304	0,000	0,007	0,016	FALSE
-0,016	0,297	-0,002	0,010	0,057	FALSE
0,008	0,295	0,000	0,009	0,010	FALSE
-0,113	0,300	-0,002	0,007	0,102	FALSE
-0,040	0,316	-0,001	0,007	0,033	FALSE
-0,047	0,302	-0,002	0,008	0,074	FALSE
-0,044	0,314	-0,001	0,007	0,030	FALSE
-0,034	0,306	0,000	0,007	0,005	FALSE
0,029	0,318	0,001	0,007	0,045	FALSE
0,162	0,306	0,005	0,008	0,240	FALSE
-0,076	0,308	-0,001	0,007	0,078	FALSE
-0,105	0,316	-0,002	0,007	0,122	FALSE
0,062	0,311	0,001	0,009	0,050	FALSE
0,101	0,309	0,003	0,007	0,157	FALSE
-0,113	0,312	-0,003	0,007	0,137	FALSE
0,031	0,302	0,001	0,007	0,030	FALSE
-0,097	0,302	-0,003	0,011	0,102	FALSE
-0,108	0,301	-0,004	0,011	0,146	FALSE
-0,151	0,301	-0,003	0,007	0,205	FALSE
-0,021	0,325	0,000	0,008	0,018	FALSE
-0,012	0,315	-0,001	0,006	0,044	FALSE
-0,051	0,316	-0,001	0,009	0,040	FALSE
-0,087	0,303	-0,002	0,007	0,137	FALSE
-0,038	0,307	-0,001	0,008	0,034	FALSE
0,010	0,307	0,000	0,009	0,014	FALSE
-0,032	0,301	-0,001	0,007	0,029	FALSE
0,133	0,311	0,005	0,010	0,200	FALSE
0,005	0,308	0,000	0,007	0,000	FALSE
-0,006	0,313	0,000	0,008	0,004	FALSE
0,037	0,317	0,001	0,010	0,022	FALSE
-0,052	0,310	-0,002	0,011	0,069	FALSE
0,116	0,292	0,006	0,013	0,185	FALSE
0,038	0,302	0,001	0,007	0,053	FALSE
-0,020	0,284	0,000	0,008	0,017	FALSE
0,069	0,307	0,002	0,008	0,074	FALSE
0,040	0,317	0,001	0,007	0,029	FALSE
0,045	0,317	0,002	0,012	0,054	FALSE
0,041	0,297	0,001	0,008	0,070	FALSE
-0,060	0,300	-0,002	0,007	0,085	FALSE
-0,063	0,295	-0,002	0,008	0,091	FALSE
-0,033	0,302	-0,001	0,010	0,020	FALSE
0,045	0,310	0,003	0,013	0,082	FALSE
0,038	0,298	0,001	0,007	0,059	FALSE

0,044	0,300	0,001	0,007	0,073	FALSE
0,018	0,314	0,001	0,011	0,018	FALSE
-0,126	0,302	-0,003	0,007	0,187	FALSE
0,039	0,310	0,002	0,010	0,068	FALSE
0,014	0,315	0,000	0,009	0,002	FALSE
0,066	0,294	0,003	0,011	0,097	FALSE
-0,052	0,317	-0,003	0,013	0,080	FALSE
0,053	0,294	0,002	0,009	0,074	FALSE
-0,114	0,297	-0,003	0,007	0,155	FALSE
0,039	0,293	0,002	0,008	0,073	FALSE
-0,072	0,310	-0,001	0,006	0,075	FALSE
0,053	0,296	0,003	0,008	0,123	FALSE
-0,150	0,299	-0,005	0,010	0,243	FALSE
0,118	0,315	0,003	0,007	0,169	FALSE
0,009	0,297	0,001	0,012	0,033	FALSE
-0,024	0,311	-0,001	0,013	0,027	FALSE
-0,148	0,299	-0,006	0,013	0,186	FALSE
-0,010	0,310	0,000	0,013	0,002	FALSE
-0,099	0,303	-0,004	0,011	0,132	FALSE
-0,046	0,304	-0,002	0,008	0,079	FALSE
-0,108	0,306	-0,002	0,006	0,142	FALSE
-0,044	0,314	-0,001	0,008	0,063	FALSE
0,109	0,308	0,003	0,008	0,165	FALSE
-0,103	0,315	-0,002	0,008	0,119	FALSE
0,001	0,309	0,001	0,007	0,041	FALSE
0,158	0,307	0,005	0,009	0,201	FALSE
-0,036	0,313	-0,001	0,007	0,060	FALSE
-0,043	0,317	-0,001	0,007	0,055	FALSE
-0,063	0,322	-0,002	0,009	0,085	FALSE
0,049	0,321	0,002	0,008	0,079	FALSE
-0,040	0,319	-0,001	0,013	0,029	FALSE
0,043	0,296	0,001	0,008	0,058	FALSE
0,031	0,311	0,002	0,013	0,046	FALSE
-0,027	0,315	-0,001	0,008	0,023	FALSE
-0,172	0,304	-0,006	0,011	0,245	FALSE
0,137	0,318	0,004	0,010	0,175	FALSE
0,061	0,323	0,002	0,008	0,088	FALSE
0,082	0,308	0,001	0,006	0,088	FALSE
0,069	0,308	0,003	0,013	0,086	FALSE
-0,103	0,305	-0,004	0,011	0,144	FALSE
0,015	0,312	0,001	0,008	0,039	FALSE
0,025	0,312	0,001	0,007	0,033	FALSE
0,019	0,305	0,000	0,008	0,016	FALSE
0,002	0,304	0,000	0,008	0,008	FALSE
0,049	0,305	0,002	0,012	0,051	FALSE
-0,074	0,301	-0,002	0,007	0,094	FALSE
0,114	0,302	0,003	0,008	0,149	FALSE
0,017	0,316	0,000	0,007	0,021	FALSE
-0,021	0,300	0,000	0,007	0,006	FALSE
0,013	0,312	0,000	0,007	0,017	FALSE
-0,026	0,310	-0,001	0,010	0,030	FALSE
0,072	0,308	0,001	0,008	0,073	FALSE
0,070	0,306	0,001	0,006	0,067	FALSE

-0,079	0,302	-0,003	0,011	0,126	FALSE
-0,063	0,313	-0,003	0,012	0,106	FALSE
0,037	0,314	0,002	0,007	0,084	FALSE
0,007	0,310	0,000	0,012	0,002	FALSE
-0,070	0,306	-0,002	0,008	0,086	FALSE
0,202	0,304	0,005	0,008	0,318	FALSE
-0,111	0,313	-0,003	0,010	0,129	FALSE
-0,050	0,313	-0,002	0,009	0,071	FALSE
-0,035	0,313	0,000	0,010	0,011	FALSE
0,074	0,313	0,003	0,008	0,122	FALSE
0,068	0,304	0,003	0,009	0,118	FALSE
0,048	0,296	0,002	0,009	0,105	FALSE
0,053	0,301	0,002	0,009	0,102	FALSE
0,122	0,298	0,004	0,008	0,186	FALSE
0,137	0,305	0,003	0,008	0,151	FALSE
-0,026	0,307	-0,001	0,007	0,039	FALSE
0,085	0,301	0,002	0,009	0,086	FALSE
-0,141	0,307	-0,003	0,008	0,178	FALSE
-0,044	0,311	-0,002	0,010	0,063	FALSE
0,030	0,304	0,001	0,007	0,049	FALSE
0,042	0,306	0,001	0,007	0,063	FALSE
-0,033	0,304	-0,002	0,013	0,057	FALSE
-0,033	0,311	-0,001	0,009	0,035	FALSE
0,081	0,303	0,002	0,009	0,105	FALSE
0,035	0,294	0,001	0,008	0,070	FALSE
0,020	0,324	0,001	0,010	0,032	FALSE
-0,081	0,304	-0,003	0,012	0,089	FALSE
0,051	0,302	0,002	0,008	0,086	FALSE
0,008	0,310	0,001	0,009	0,022	FALSE
-0,015	0,311	-0,001	0,011	0,027	FALSE
0,030	0,307	0,001	0,007	0,035	FALSE
0,051	0,325	0,001	0,007	0,062	FALSE
0,087	0,315	0,004	0,011	0,128	FALSE
0,106	0,306	0,004	0,011	0,147	FALSE
-0,036	0,310	-0,002	0,013	0,048	FALSE
0,043	0,310	0,001	0,007	0,075	FALSE
0,012	0,304	0,000	0,010	0,001	FALSE
0,059	0,317	0,002	0,008	0,096	FALSE
-0,096	0,301	-0,005	0,012	0,179	FALSE
0,025	0,317	0,001	0,013	0,036	FALSE
0,098	0,314	0,004	0,013	0,137	FALSE
-0,020	0,299	-0,001	0,009	0,032	FALSE
-0,035	0,295	-0,001	0,009	0,047	FALSE
0,119	0,311	0,003	0,007	0,167	FALSE
-0,048	0,312	-0,001	0,007	0,043	FALSE
-0,008	0,312	0,000	0,013	0,000	FALSE
0,030	0,304	0,001	0,010	0,049	FALSE
0,076	0,321	0,003	0,012	0,107	FALSE
0,070	0,302	0,001	0,011	0,043	FALSE
0,120	0,298	0,004	0,011	0,131	FALSE
0,032	0,297	0,001	0,009	0,032	FALSE
0,074	0,320	0,003	0,014	0,080	FALSE
-0,011	0,317	0,000	0,010	0,008	FALSE

-0,092	0,302	-0,002	0,007	0,122	FALSE
-0,011	0,301	0,000	0,007	0,020	FALSE
0,027	0,314	0,001	0,009	0,054	FALSE
0,102	0,293	0,004	0,012	0,153	FALSE
0,043	0,306	0,002	0,013	0,045	FALSE
-0,113	0,323	-0,003	0,011	0,111	FALSE
0,071	0,306	0,002	0,008	0,084	FALSE
0,053	0,300	0,001	0,009	0,054	FALSE
-0,099	0,315	-0,003	0,008	0,132	FALSE
0,068	0,315	0,003	0,013	0,084	FALSE
0,003	0,295	0,000	0,007	0,013	FALSE
0,024	0,319	0,001	0,008	0,052	FALSE
-0,019	0,300	-0,002	0,012	0,050	FALSE
0,206	0,294	0,006	0,008	0,313	FALSE
-0,078	0,301	-0,002	0,007	0,096	FALSE
0,068	0,316	0,001	0,007	0,083	FALSE
0,122	0,303	0,003	0,007	0,158	FALSE
-0,054	0,302	-0,003	0,012	0,082	FALSE
0,070	0,294	0,002	0,007	0,136	FALSE
0,061	0,314	0,002	0,008	0,114	FALSE
-0,002	0,310	0,000	0,008	0,006	FALSE
-0,021	0,298	0,000	0,006	0,028	FALSE
0,037	0,307	0,001	0,007	0,048	FALSE
0,078	0,322	0,002	0,008	0,120	FALSE
-0,119	0,303	-0,002	0,007	0,137	FALSE
0,037	0,306	0,002	0,013	0,043	FALSE
-0,076	0,293	-0,001	0,008	0,069	FALSE
0,028	0,324	0,002	0,013	0,045	FALSE
-0,037	0,313	-0,003	0,013	0,073	FALSE
0,069	0,289	0,002	0,007	0,109	FALSE
0,033	0,301	0,001	0,010	0,030	FALSE
0,105	0,294	0,003	0,007	0,147	FALSE
0,045	0,298	0,001	0,009	0,033	FALSE
0,008	0,310	0,000	0,007	0,016	FALSE
-0,039	0,308	-0,002	0,010	0,057	FALSE
-0,059	0,325	-0,002	0,012	0,072	FALSE
0,150	0,299	0,004	0,008	0,228	FALSE
0,068	0,312	0,002	0,007	0,096	FALSE
0,044	0,306	0,002	0,011	0,072	FALSE
0,016	0,326	0,001	0,011	0,027	FALSE
0,007	0,321	0,000	0,010	0,004	FALSE
-0,113	0,305	-0,003	0,009	0,142	FALSE
0,077	0,324	0,002	0,013	0,072	FALSE
-0,068	0,308	-0,002	0,009	0,083	FALSE
-0,073	0,308	-0,001	0,009	0,051	FALSE
0,020	0,315	0,001	0,010	0,026	FALSE
0,092	0,310	0,003	0,011	0,102	FALSE
-0,051	0,299	-0,002	0,007	0,084	FALSE
0,015	0,299	0,000	0,010	0,002	FALSE
-0,081	0,314	-0,003	0,013	0,094	FALSE
-0,117	0,305	-0,004	0,011	0,158	FALSE
-0,042	0,295	-0,001	0,007	0,028	FALSE
0,001	0,307	0,000	0,008	0,021	FALSE

-0,039	0,316	0,000	0,009	0,013	FALSE
-0,023	0,321	-0,001	0,008	0,026	FALSE
-0,036	0,302	-0,001	0,007	0,042	FALSE
-0,025	0,318	-0,002	0,009	0,073	FALSE
0,114	0,297	0,004	0,009	0,165	FALSE
-0,011	0,312	0,000	0,012	0,001	FALSE
0,028	0,316	0,001	0,009	0,027	FALSE
-0,021	0,308	-0,001	0,009	0,035	FALSE
-0,013	0,311	0,000	0,007	0,007	FALSE
0,013	0,303	0,000	0,008	0,018	FALSE
0,076	0,326	0,002	0,007	0,100	FALSE
-0,028	0,331	-0,001	0,011	0,023	FALSE
0,077	0,322	0,002	0,007	0,094	FALSE
0,028	0,317	0,001	0,007	0,030	FALSE
0,034	0,301	0,002	0,010	0,073	FALSE
-0,047	0,294	-0,001	0,008	0,046	FALSE
0,002	0,316	0,000	0,007	0,009	FALSE
-0,018	0,303	-0,001	0,010	0,021	FALSE
-0,063	0,298	-0,002	0,009	0,085	FALSE
-0,046	0,305	-0,001	0,007	0,049	FALSE
-0,091	0,294	-0,002	0,010	0,085	FALSE
0,005	0,320	0,000	0,008	0,002	FALSE
0,007	0,306	0,000	0,012	0,004	FALSE
0,044	0,314	0,001	0,006	0,063	FALSE
-0,088	0,307	-0,002	0,007	0,104	FALSE
-0,087	0,309	-0,002	0,007	0,106	FALSE
0,132	0,305	0,003	0,008	0,157	FALSE
-0,064	0,309	-0,001	0,007	0,072	FALSE
0,108	0,298	0,004	0,012	0,132	FALSE
0,008	0,294	0,001	0,012	0,026	FALSE
0,101	0,311	0,004	0,011	0,124	FALSE
-0,075	0,296	-0,003	0,012	0,111	FALSE
-0,073	0,308	-0,002	0,007	0,112	FALSE
-0,022	0,302	-0,001	0,009	0,024	FALSE
0,093	0,311	0,004	0,013	0,130	FALSE
0,026	0,298	0,000	0,008	0,021	FALSE
0,026	0,306	0,001	0,009	0,024	FALSE
0,118	0,299	0,005	0,012	0,164	FALSE
0,048	0,302	0,002	0,012	0,075	FALSE
-0,027	0,309	-0,002	0,012	0,046	FALSE
0,034	0,288	0,001	0,012	0,029	FALSE
0,106	0,293	0,003	0,009	0,123	FALSE
0,024	0,315	0,001	0,013	0,031	FALSE
0,011	0,315	0,001	0,010	0,022	FALSE
-0,065	0,309	-0,003	0,013	0,093	FALSE
-0,004	0,303	0,001	0,007	0,033	FALSE
0,103	0,303	0,004	0,009	0,175	FALSE
0,024	0,314	0,001	0,011	0,035	FALSE
0,071	0,314	0,002	0,007	0,091	FALSE
-0,019	0,322	-0,001	0,008	0,035	FALSE
0,006	0,321	0,000	0,011	0,010	FALSE
0,039	0,305	0,001	0,009	0,036	FALSE
-0,141	0,306	-0,004	0,010	0,149	FALSE

-0,107	0,296	-0,003	0,010	0,136	FALSE
0,092	0,303	0,004	0,013	0,128	FALSE
-0,017	0,318	0,000	0,013	0,004	FALSE
-0,107	0,303	-0,005	0,010	0,221	FALSE
0,040	0,308	0,002	0,008	0,074	FALSE
0,107	0,298	0,003	0,009	0,117	FALSE
-0,077	0,306	-0,003	0,011	0,091	FALSE
-0,065	0,284	-0,002	0,011	0,082	FALSE
0,120	0,310	0,003	0,008	0,144	FALSE
0,117	0,304	0,003	0,009	0,139	FALSE
0,075	0,303	0,003	0,013	0,098	FALSE
-0,061	0,297	-0,002	0,008	0,077	FALSE
-0,066	0,303	-0,001	0,009	0,054	FALSE
-0,016	0,309	0,000	0,007	0,013	FALSE
-0,075	0,304	-0,001	0,009	0,057	FALSE
-0,013	0,312	0,000	0,007	0,008	FALSE
0,018	0,304	0,000	0,010	0,007	FALSE
0,075	0,305	0,002	0,009	0,112	FALSE
-0,092	0,312	-0,002	0,008	0,124	FALSE
-0,034	0,307	-0,001	0,008	0,047	FALSE
-0,070	0,295	-0,001	0,006	0,073	FALSE
0,053	0,295	0,002	0,009	0,083	FALSE
-0,110	0,313	-0,005	0,013	0,155	FALSE
-0,006	0,301	0,000	0,008	0,006	FALSE
-0,043	0,306	-0,002	0,009	0,063	FALSE
-0,047	0,312	-0,001	0,009	0,059	FALSE
-0,062	0,304	-0,002	0,010	0,072	FALSE
-0,088	0,311	-0,003	0,012	0,106	FALSE
0,067	0,298	0,001	0,007	0,076	FALSE
0,083	0,296	0,003	0,013	0,106	FALSE
0,039	0,313	0,000	0,008	0,022	FALSE
0,065	0,310	0,002	0,009	0,091	FALSE
-0,042	0,308	-0,001	0,007	0,043	FALSE
0,014	0,323	0,000	0,013	0,009	FALSE
0,105	0,304	0,003	0,007	0,188	FALSE
-0,016	0,291	0,000	0,006	0,017	FALSE
-0,027	0,320	-0,001	0,012	0,040	FALSE
0,082	0,310	0,003	0,009	0,115	FALSE
0,118	0,296	0,004	0,009	0,168	FALSE
-0,108	0,323	-0,003	0,012	0,110	FALSE
-0,007	0,302	-0,001	0,012	0,034	FALSE
-0,021	0,311	-0,001	0,011	0,021	FALSE
-0,017	0,298	-0,002	0,012	0,061	FALSE
-0,033	0,315	-0,002	0,013	0,054	FALSE
0,040	0,299	0,001	0,008	0,033	FALSE
-0,061	0,317	-0,003	0,013	0,087	FALSE
0,041	0,306	0,001	0,008	0,026	FALSE
0,001	0,322	0,000	0,007	0,014	FALSE
-0,108	0,309	-0,003	0,007	0,153	FALSE
0,105	0,311	0,004	0,013	0,120	FALSE
0,144	0,303	0,006	0,011	0,245	FALSE
-0,112	0,309	-0,003	0,007	0,141	FALSE
0,045	0,300	0,002	0,010	0,076	FALSE

0,092	0,305	0,003	0,010	0,135	FALSE
0,038	0,305	0,000	0,008	0,020	FALSE
0,060	0,292	0,001	0,010	0,037	FALSE
-0,052	0,291	-0,002	0,008	0,075	FALSE
-0,164	0,307	-0,004	0,007	0,225	FALSE
-0,024	0,295	-0,001	0,012	0,022	FALSE
-0,030	0,280	-0,001	0,011	0,032	FALSE
-0,026	0,324	-0,001	0,009	0,048	FALSE
0,022	0,303	0,000	0,010	0,007	FALSE
-0,040	0,295	0,000	0,007	0,014	FALSE
-0,028	0,293	0,000	0,007	0,017	FALSE
-0,047	0,309	-0,001	0,008	0,029	FALSE
-0,029	0,301	-0,002	0,010	0,064	FALSE
0,039	0,306	0,001	0,012	0,028	FALSE
0,121	0,294	0,004	0,009	0,171	FALSE
0,117	0,301	0,003	0,008	0,141	FALSE
0,054	0,294	0,003	0,013	0,081	FALSE
0,040	0,309	0,001	0,012	0,031	FALSE
-0,079	0,303	-0,004	0,012	0,137	FALSE
-0,051	0,302	-0,001	0,011	0,042	FALSE
-0,042	0,297	-0,001	0,007	0,040	FALSE
-0,081	0,312	-0,004	0,013	0,127	FALSE
0,036	0,305	0,001	0,013	0,018	FALSE
0,031	0,303	0,001	0,009	0,046	FALSE
0,011	0,301	0,001	0,009	0,024	FALSE
0,020	0,312	0,001	0,010	0,031	FALSE
-0,041	0,322	-0,002	0,012	0,044	FALSE
0,032	0,311	0,001	0,007	0,050	FALSE
-0,078	0,317	-0,002	0,009	0,093	FALSE
-0,072	0,300	-0,002	0,008	0,100	FALSE
-0,118	0,307	-0,004	0,011	0,128	FALSE
0,017	0,292	0,000	0,007	0,016	FALSE
0,003	0,314	0,000	0,009	0,010	FALSE
0,023	0,292	0,001	0,008	0,043	FALSE
-0,028	0,308	-0,001	0,008	0,024	FALSE
-0,100	0,309	-0,003	0,008	0,126	FALSE
-0,014	0,291	0,000	0,008	0,015	FALSE
0,071	0,305	0,001	0,006	0,086	FALSE
-0,063	0,311	-0,003	0,012	0,084	FALSE
-0,126	0,302	-0,003	0,007	0,155	FALSE
0,068	0,321	0,002	0,012	0,074	FALSE
0,004	0,304	0,000	0,008	0,001	FALSE
-0,027	0,311	-0,001	0,009	0,039	FALSE
-0,072	0,318	-0,002	0,007	0,082	FALSE
0,018	0,303	0,002	0,009	0,076	FALSE
0,114	0,305	0,005	0,011	0,160	FALSE
0,050	0,313	0,001	0,010	0,028	FALSE
0,027	0,306	0,001	0,010	0,022	FALSE
0,010	0,308	0,000	0,008	0,007	FALSE
0,056	0,291	0,001	0,009	0,057	FALSE
-0,026	0,315	-0,002	0,012	0,045	FALSE
0,008	0,309	0,000	0,011	0,013	FALSE
-0,175	0,308	-0,006	0,009	0,284	FALSE

0,092	0,316	0,003	0,010	0,107	FALSE
-0,046	0,314	0,000	0,007	0,017	FALSE
-0,046	0,303	-0,002	0,009	0,066	FALSE
-0,051	0,310	-0,002	0,011	0,060	FALSE
-0,074	0,279	-0,003	0,011	0,089	FALSE
-0,010	0,310	0,000	0,008	0,006	FALSE
0,024	0,314	0,001	0,010	0,038	FALSE
0,078	0,286	0,002	0,011	0,061	FALSE
0,079	0,319	0,002	0,008	0,116	FALSE
0,045	0,298	0,002	0,011	0,075	FALSE
0,054	0,312	0,001	0,009	0,038	FALSE
0,021	0,313	0,000	0,009	0,002	FALSE
0,056	0,314	0,001	0,009	0,040	FALSE
-0,030	0,301	-0,001	0,008	0,043	FALSE
-0,088	0,311	-0,002	0,008	0,087	FALSE
-0,075	0,313	-0,001	0,007	0,072	FALSE
-0,019	0,312	0,000	0,011	0,015	FALSE
-0,048	0,306	-0,001	0,007	0,053	FALSE
0,037	0,317	0,001	0,009	0,032	FALSE
0,029	0,310	0,001	0,009	0,020	FALSE
0,008	0,313	0,000	0,009	0,012	FALSE
0,109	0,304	0,004	0,011	0,125	FALSE
0,066	0,310	0,002	0,011	0,065	FALSE
0,090	0,304	0,003	0,011	0,110	FALSE
0,072	0,295	0,002	0,010	0,082	FALSE
0,051	0,310	0,001	0,009	0,059	FALSE
0,061	0,309	0,001	0,007	0,075	FALSE
0,006	0,304	0,001	0,010	0,023	FALSE
-0,186	0,311	-0,004	0,007	0,263	FALSE
0,118	0,312	0,005	0,013	0,151	FALSE
-0,151	0,305	-0,004	0,009	0,193	FALSE
-0,141	0,311	-0,004	0,009	0,176	FALSE
0,051	0,318	0,001	0,008	0,055	FALSE
0,002	0,302	0,001	0,006	0,033	FALSE
0,021	0,327	0,001	0,012	0,021	FALSE
0,010	0,315	0,000	0,007	0,011	FALSE
-0,055	0,298	-0,002	0,009	0,087	FALSE
-0,030	0,315	-0,001	0,010	0,034	FALSE
0,028	0,292	0,000	0,010	0,004	FALSE
-0,019	0,302	0,000	0,010	0,009	FALSE
-0,056	0,306	-0,002	0,011	0,064	FALSE
0,059	0,306	0,001	0,008	0,056	FALSE
-0,066	0,313	-0,002	0,011	0,053	FALSE
0,001	0,309	0,000	0,008	0,001	FALSE
-0,063	0,299	-0,002	0,011	0,071	FALSE
-0,019	0,316	0,000	0,008	0,007	FALSE
-0,018	0,315	-0,001	0,011	0,033	FALSE
0,153	0,298	0,007	0,011	0,266	FALSE
-0,007	0,310	0,000	0,008	0,000	FALSE
0,004	0,313	0,000	0,009	0,014	FALSE
-0,029	0,315	-0,001	0,009	0,023	FALSE
-0,011	0,300	0,000	0,009	0,015	FALSE
-0,081	0,306	-0,003	0,010	0,101	FALSE

-0,006	0,320	0,000	0,012	0,009	FALSE
-0,025	0,304	-0,001	0,007	0,027	FALSE
0,012	0,308	0,000	0,011	0,010	FALSE
-0,064	0,298	-0,002	0,009	0,067	FALSE
-0,023	0,311	-0,001	0,010	0,028	FALSE
-0,048	0,307	-0,002	0,013	0,045	FALSE
0,095	0,295	0,004	0,011	0,135	FALSE
0,071	0,321	0,002	0,012	0,061	FALSE
0,047	0,315	0,001	0,012	0,035	FALSE
0,130	0,299	0,005	0,013	0,174	FALSE
-0,026	0,310	-0,001	0,013	0,036	FALSE
0,035	0,313	0,001	0,012	0,026	FALSE
0,031	0,302	0,000	0,011	0,014	FALSE
-0,017	0,317	-0,001	0,007	0,035	FALSE
0,079	0,314	0,002	0,008	0,108	FALSE
0,009	0,313	0,000	0,007	0,000	FALSE
0,094	0,309	0,003	0,007	0,142	FALSE
-0,097	0,310	-0,002	0,009	0,102	FALSE
-0,134	0,300	-0,007	0,012	0,253	FALSE
0,077	0,305	0,003	0,010	0,106	FALSE
0,057	0,314	0,002	0,010	0,077	FALSE
0,009	0,299	-0,001	0,008	0,024	FALSE
0,014	0,290	0,001	0,010	0,041	FALSE
0,022	0,309	0,000	0,007	0,020	FALSE
-0,017	0,304	-0,001	0,011	0,030	FALSE
0,043	0,300	0,002	0,009	0,068	FALSE
0,196	0,293	0,008	0,012	0,303	FALSE
0,002	0,297	0,000	0,012	0,007	FALSE
0,031	0,314	0,001	0,006	0,043	FALSE
-0,110	0,302	-0,003	0,008	0,168	FALSE
-0,036	0,293	0,000	0,006	0,013	FALSE
-0,001	0,308	0,000	0,013	0,000	FALSE
-0,055	0,300	-0,002	0,009	0,075	FALSE
0,113	0,310	0,003	0,008	0,171	FALSE
0,105	0,315	0,003	0,008	0,129	FALSE
-0,079	0,310	-0,002	0,012	0,072	FALSE
-0,032	0,303	0,000	0,006	0,023	FALSE
-0,085	0,308	-0,002	0,007	0,110	FALSE
0,026	0,310	0,001	0,012	0,025	FALSE
0,081	0,306	0,003	0,011	0,110	FALSE
0,096	0,315	0,004	0,011	0,137	FALSE
0,025	0,312	0,001	0,011	0,031	FALSE
-0,020	0,305	0,000	0,007	0,013	FALSE
0,011	0,329	0,000	0,009	0,009	FALSE
0,118	0,305	0,003	0,007	0,154	FALSE
0,000	0,309	0,001	0,010	0,019	FALSE
-0,059	0,305	-0,002	0,010	0,078	FALSE
0,049	0,312	0,001	0,008	0,059	FALSE
0,056	0,319	0,001	0,008	0,056	FALSE
-0,028	0,323	0,000	0,011	0,016	FALSE
-0,057	0,307	-0,002	0,009	0,082	FALSE
-0,202	0,293	-0,007	0,009	0,338	FALSE
-0,208	0,302	-0,007	0,010	0,334	FALSE

-0,202	0,301	-0,007	0,010	0,336	FALSE
-0,190	0,293	-0,007	0,010	0,340	FALSE
-0,131	0,295	-0,006	0,013	0,194	FALSE
0,073	0,313	0,002	0,007	0,090	FALSE
0,056	0,310	0,001	0,007	0,060	FALSE
0,075	0,294	0,002	0,006	0,095	FALSE
0,071	0,317	0,002	0,007	0,079	FALSE
0,082	0,290	0,002	0,011	0,078	FALSE
0,067	0,304	0,001	0,007	0,075	FALSE
0,028	0,315	0,000	0,010	0,015	FALSE
0,006	0,306	0,000	0,008	0,004	FALSE
0,058	0,316	0,002	0,012	0,056	FALSE
0,018	0,316	0,000	0,011	0,011	FALSE
-0,039	0,320	0,000	0,008	0,016	FALSE
-0,125	0,321	-0,004	0,010	0,168	FALSE
-0,047	0,299	-0,001	0,006	0,043	FALSE
-0,006	0,314	0,000	0,013	0,013	FALSE
0,049	0,309	0,001	0,007	0,065	FALSE
0,119	0,306	0,005	0,012	0,162	FALSE
0,010	0,314	0,000	0,008	0,016	FALSE
-0,087	0,302	-0,003	0,009	0,120	FALSE
0,054	0,309	0,001	0,009	0,058	FALSE
-0,070	0,310	-0,002	0,013	0,053	FALSE
-0,027	0,302	-0,001	0,012	0,036	FALSE
0,098	0,305	0,002	0,007	0,144	FALSE
-0,077	0,300	-0,002	0,008	0,111	FALSE
0,048	0,305	0,002	0,011	0,075	FALSE
0,026	0,309	0,001	0,007	0,026	FALSE
0,051	0,313	0,001	0,007	0,043	FALSE
0,076	0,311	0,002	0,007	0,088	FALSE
0,096	0,315	0,004	0,013	0,106	FALSE
-0,082	0,295	-0,003	0,013	0,079	FALSE
-0,106	0,298	-0,004	0,013	0,125	FALSE
-0,121	0,288	-0,004	0,013	0,126	FALSE
0,002	0,315	0,000	0,009	0,006	FALSE
0,074	0,286	0,002	0,009	0,084	FALSE
0,120	0,317	0,003	0,007	0,164	FALSE
-0,104	0,310	-0,002	0,007	0,113	FALSE
-0,078	0,301	-0,001	0,007	0,071	FALSE
-0,070	0,309	-0,003	0,012	0,101	FALSE
-0,015	0,308	0,000	0,012	0,006	FALSE
-0,069	0,300	-0,002	0,010	0,089	FALSE
0,046	0,295	0,002	0,010	0,063	FALSE
0,109	0,305	0,003	0,009	0,130	FALSE
-0,041	0,307	-0,001	0,009	0,045	FALSE
0,018	0,314	0,001	0,012	0,027	FALSE
0,033	0,309	0,001	0,009	0,058	FALSE
0,022	0,316	0,000	0,010	0,016	FALSE
-0,059	0,306	-0,002	0,009	0,070	FALSE
-0,004	0,307	0,000	0,009	0,000	FALSE
-0,010	0,317	0,000	0,009	0,006	FALSE
-0,010	0,313	-0,001	0,013	0,024	FALSE
0,063	0,301	0,002	0,010	0,064	FALSE

-0,093	0,308	-0,004	0,013	0,140	FALSE
-0,079	0,291	-0,002	0,010	0,064	FALSE
-0,029	0,299	-0,001	0,012	0,015	FALSE
-0,050	0,308	-0,001	0,012	0,033	FALSE
0,106	0,307	0,002	0,007	0,122	FALSE
-0,087	0,295	-0,005	0,012	0,161	FALSE
-0,093	0,309	-0,003	0,010	0,122	FALSE
-0,153	0,293	-0,003	0,007	0,185	FALSE
-0,038	0,297	-0,001	0,006	0,048	FALSE
0,067	0,305	0,002	0,010	0,096	FALSE
0,039	0,300	0,001	0,009	0,041	FALSE
0,045	0,308	0,001	0,009	0,043	FALSE
0,089	0,306	0,002	0,009	0,093	FALSE
0,031	0,308	0,001	0,007	0,040	FALSE
0,168	0,292	0,007	0,012	0,241	FALSE
-0,072	0,312	-0,002	0,009	0,088	FALSE
0,064	0,294	0,002	0,012	0,074	FALSE
0,094	0,315	0,003	0,009	0,103	FALSE
0,086	0,303	0,002	0,008	0,105	FALSE
-0,095	0,326	-0,003	0,010	0,126	FALSE
0,057	0,315	0,002	0,008	0,078	FALSE
0,108	0,314	0,002	0,007	0,138	FALSE
0,019	0,322	0,001	0,013	0,024	FALSE
-0,027	0,310	-0,002	0,012	0,050	FALSE
0,030	0,306	0,001	0,012	0,022	FALSE
0,031	0,312	0,001	0,013	0,029	FALSE
0,063	0,307	0,001	0,008	0,037	FALSE
-0,127	0,303	-0,004	0,011	0,166	FALSE
0,024	0,302	0,001	0,009	0,053	FALSE
-0,031	0,312	-0,001	0,009	0,041	FALSE
0,025	0,296	0,001	0,008	0,040	FALSE
0,092	0,302	0,002	0,007	0,125	FALSE
-0,005	0,302	0,000	0,012	0,004	FALSE
-0,010	0,303	0,000	0,012	0,011	FALSE
0,107	0,303	0,003	0,010	0,132	FALSE
-0,109	0,300	-0,005	0,013	0,142	FALSE
0,066	0,295	0,003	0,012	0,091	FALSE
0,085	0,303	0,004	0,012	0,121	FALSE
-0,024	0,308	-0,001	0,008	0,037	FALSE
0,042	0,312	0,002	0,011	0,074	FALSE
-0,042	0,306	-0,001	0,007	0,046	FALSE
0,049	0,304	0,002	0,009	0,088	FALSE
0,113	0,301	0,004	0,009	0,171	FALSE
0,039	0,310	0,001	0,008	0,036	FALSE
0,051	0,298	0,001	0,007	0,054	FALSE
0,003	0,300	0,001	0,009	0,026	FALSE
-0,008	0,309	0,000	0,012	0,004	FALSE
-0,014	0,312	0,000	0,009	0,012	FALSE
0,061	0,315	0,003	0,010	0,106	FALSE
0,105	0,305	0,005	0,011	0,169	FALSE
0,145	0,302	0,003	0,007	0,188	FALSE
0,110	0,293	0,004	0,010	0,146	FALSE
-0,069	0,318	-0,002	0,006	0,106	FALSE

-0,008	0,314	-0,001	0,013	0,019	FALSE
-0,019	0,301	-0,001	0,011	0,019	FALSE
-0,082	0,300	-0,004	0,013	0,120	FALSE
0,027	0,307	0,002	0,011	0,066	FALSE
-0,115	0,299	-0,002	0,007	0,125	FALSE
-0,140	0,307	-0,003	0,007	0,160	FALSE
-0,088	0,306	-0,001	0,009	0,061	FALSE
-0,004	0,309	0,001	0,012	0,020	FALSE
0,073	0,316	0,003	0,010	0,093	FALSE
0,034	0,307	0,002	0,011	0,049	FALSE
-0,005	0,317	0,000	0,009	0,012	FALSE
0,215	0,305	0,004	0,007	0,294	FALSE
-0,036	0,305	-0,001	0,007	0,040	FALSE
-0,094	0,307	-0,003	0,009	0,118	FALSE
-0,054	0,309	-0,002	0,006	0,095	FALSE
-0,047	0,299	-0,001	0,009	0,050	FALSE
-0,003	0,319	0,000	0,009	0,008	FALSE
0,046	0,300	0,002	0,011	0,083	FALSE
0,039	0,312	0,002	0,011	0,055	FALSE
-0,001	0,310	0,000	0,011	0,006	FALSE
0,027	0,302	0,002	0,010	0,069	FALSE
-0,018	0,307	-0,001	0,012	0,019	FALSE
-0,045	0,311	-0,001	0,007	0,057	FALSE
-0,068	0,300	-0,001	0,006	0,055	FALSE
-0,022	0,313	-0,001	0,012	0,023	FALSE
-0,064	0,307	-0,002	0,008	0,088	FALSE
-0,031	0,303	-0,001	0,011	0,023	FALSE
-0,076	0,315	-0,002	0,011	0,088	FALSE
-0,105	0,314	-0,004	0,012	0,130	FALSE
-0,031	0,307	0,000	0,009	0,001	FALSE
-0,011	0,309	0,000	0,007	0,005	FALSE
-0,117	0,295	-0,005	0,011	0,201	FALSE
-0,086	0,303	-0,002	0,008	0,086	FALSE
-0,087	0,315	-0,002	0,010	0,093	FALSE
-0,126	0,304	-0,003	0,008	0,160	FALSE
-0,007	0,318	0,000	0,007	0,006	FALSE
-0,082	0,289	-0,003	0,009	0,126	FALSE
-0,149	0,313	-0,006	0,013	0,195	FALSE
-0,096	0,309	-0,005	0,013	0,140	FALSE
0,121	0,305	0,003	0,008	0,159	FALSE
0,138	0,298	0,003	0,006	0,173	FALSE
0,026	0,310	0,001	0,008	0,041	FALSE
-0,137	0,314	-0,003	0,008	0,183	FALSE
-0,144	0,313	-0,004	0,008	0,192	FALSE
-0,159	0,307	-0,004	0,007	0,230	FALSE
0,078	0,320	0,002	0,008	0,105	FALSE
-0,063	0,287	-0,003	0,009	0,125	FALSE
0,045	0,306	0,001	0,008	0,061	FALSE
0,063	0,307	0,002	0,008	0,103	FALSE
0,153	0,298	0,004	0,006	0,246	FALSE
-0,008	0,306	0,000	0,008	0,020	FALSE
-0,079	0,307	-0,003	0,010	0,132	FALSE
0,057	0,302	0,002	0,011	0,072	FALSE

0,006	0,295	0,000	0,008	0,005	FALSE
0,002	0,314	0,000	0,008	0,015	FALSE
-0,027	0,316	-0,001	0,007	0,042	FALSE
-0,018	0,339	-0,001	0,012	0,028	FALSE
-0,034	0,308	-0,001	0,009	0,024	FALSE
-0,031	0,309	-0,001	0,011	0,027	FALSE
0,023	0,313	0,001	0,009	0,026	FALSE
-0,053	0,316	-0,002	0,012	0,060	FALSE
-0,079	0,321	-0,004	0,013	0,118	FALSE
0,119	0,305	0,003	0,007	0,182	FALSE
-0,144	0,316	-0,004	0,010	0,172	FALSE
0,075	0,308	0,002	0,010	0,075	FALSE
-0,098	0,308	-0,002	0,008	0,125	FALSE
0,153	0,303	0,004	0,007	0,227	FALSE
-0,080	0,303	-0,002	0,011	0,070	FALSE
0,085	0,307	0,003	0,007	0,147	FALSE
0,021	0,298	0,002	0,009	0,061	FALSE
0,003	0,315	0,000	0,006	0,024	FALSE
-0,082	0,317	-0,004	0,013	0,124	FALSE
0,085	0,319	0,003	0,009	0,131	FALSE
0,144	0,299	0,003	0,007	0,167	FALSE
0,100	0,296	0,003	0,008	0,172	FALSE
0,018	0,307	0,000	0,006	0,010	FALSE
0,058	0,312	0,002	0,008	0,078	FALSE
-0,007	0,319	-0,001	0,009	0,021	FALSE
-0,062	0,290	-0,002	0,010	0,058	FALSE
-0,034	0,304	-0,001	0,013	0,026	FALSE
-0,048	0,314	-0,001	0,007	0,068	FALSE
0,067	0,307	0,003	0,013	0,083	FALSE
-0,107	0,308	-0,002	0,008	0,106	FALSE
-0,026	0,302	-0,001	0,012	0,026	FALSE
-0,019	0,302	-0,001	0,012	0,018	FALSE
-0,058	0,298	-0,001	0,007	0,084	FALSE
-0,027	0,291	0,000	0,008	0,010	FALSE
-0,088	0,305	-0,004	0,013	0,130	FALSE
-0,064	0,295	-0,001	0,006	0,068	FALSE
0,019	0,310	0,001	0,006	0,052	FALSE
-0,013	0,305	0,000	0,008	0,009	FALSE
-0,099	0,294	-0,003	0,012	0,094	FALSE
0,060	0,300	0,001	0,008	0,029	FALSE
0,065	0,285	0,002	0,012	0,055	FALSE
0,037	0,302	0,001	0,007	0,080	FALSE
-0,059	0,308	-0,001	0,007	0,047	FALSE
-0,018	0,300	0,000	0,009	0,007	FALSE
0,135	0,301	0,005	0,009	0,245	FALSE
-0,024	0,312	-0,001	0,007	0,043	FALSE
0,134	0,310	0,004	0,007	0,209	FALSE
0,077	0,305	0,003	0,010	0,113	FALSE
-0,058	0,304	-0,002	0,008	0,091	FALSE
-0,145	0,313	-0,003	0,006	0,212	FALSE
0,001	0,307	0,000	0,007	0,005	FALSE
-0,076	0,308	-0,002	0,009	0,095	FALSE
0,096	0,300	0,004	0,012	0,145	FALSE

0,047	0,299	0,002	0,012	0,051	FALSE
0,058	0,303	0,001	0,010	0,052	FALSE
-0,046	0,310	-0,001	0,006	0,052	FALSE
-0,146	0,293	-0,005	0,011	0,174	FALSE
-0,024	0,313	-0,001	0,006	0,040	FALSE
-0,111	0,311	-0,004	0,012	0,133	FALSE
0,102	0,297	0,003	0,008	0,162	FALSE
-0,039	0,306	-0,001	0,007	0,064	FALSE
0,025	0,310	0,000	0,009	0,008	FALSE
0,065	0,299	0,002	0,012	0,048	FALSE
0,148	0,306	0,005	0,013	0,168	FALSE
0,050	0,319	0,003	0,012	0,084	FALSE
0,011	0,325	0,001	0,012	0,031	FALSE
0,024	0,305	0,002	0,012	0,066	FALSE
0,108	0,310	0,003	0,008	0,152	FALSE
0,116	0,313	0,004	0,009	0,178	FALSE
0,054	0,324	0,001	0,007	0,048	FALSE
0,043	0,298	0,001	0,008	0,045	FALSE
-0,034	0,312	-0,001	0,012	0,031	FALSE
0,005	0,283	0,001	0,010	0,031	FALSE
-0,148	0,312	-0,005	0,011	0,188	FALSE
-0,088	0,311	-0,004	0,012	0,119	FALSE
-0,039	0,291	-0,002	0,011	0,061	FALSE
0,081	0,307	0,004	0,011	0,123	FALSE
-0,057	0,310	-0,002	0,011	0,063	FALSE
-0,030	0,304	-0,001	0,009	0,062	FALSE
0,074	0,305	0,003	0,012	0,093	FALSE
-0,001	0,310	0,000	0,009	0,013	FALSE
0,030	0,311	0,000	0,009	0,008	FALSE
0,002	0,296	0,000	0,011	0,001	FALSE
0,002	0,308	0,000	0,011	0,004	FALSE
0,066	0,302	0,001	0,006	0,066	FALSE
0,053	0,301	0,001	0,007	0,060	FALSE
0,013	0,305	0,000	0,006	0,018	FALSE
0,014	0,302	0,001	0,008	0,026	FALSE
0,061	0,315	0,002	0,010	0,091	FALSE
0,084	0,317	0,003	0,013	0,102	FALSE
-0,018	0,309	-0,001	0,009	0,028	FALSE
-0,025	0,327	-0,001	0,010	0,029	FALSE
-0,067	0,308	-0,002	0,008	0,099	FALSE
-0,043	0,299	-0,002	0,012	0,049	FALSE
0,052	0,296	0,002	0,010	0,058	FALSE
-0,193	0,291	-0,007	0,010	0,312	FALSE
-0,002	0,306	0,000	0,007	0,003	FALSE
0,133	0,312	0,005	0,011	0,208	FALSE
0,103	0,306	0,005	0,012	0,165	FALSE
0,097	0,314	0,004	0,012	0,152	FALSE
0,040	0,311	0,003	0,012	0,082	FALSE
-0,010	0,308	0,000	0,007	0,007	FALSE
0,057	0,296	0,002	0,009	0,090	FALSE
-0,061	0,318	-0,002	0,008	0,082	FALSE
-0,016	0,314	0,000	0,010	0,005	FALSE
0,007	0,295	0,000	0,006	0,006	FALSE

-0,014	0,317	-0,001	0,013	0,022	FALSE
-0,064	0,320	-0,002	0,007	0,092	FALSE
-0,097	0,325	-0,003	0,009	0,112	FALSE
0,020	0,311	0,001	0,012	0,020	FALSE
-0,002	0,320	-0,001	0,011	0,019	FALSE
-0,012	0,310	0,000	0,007	0,001	FALSE
0,103	0,312	0,002	0,006	0,123	FALSE
-0,051	0,310	-0,002	0,011	0,074	FALSE
-0,084	0,311	-0,002	0,008	0,106	FALSE
-0,050	0,311	-0,001	0,008	0,044	FALSE
0,018	0,296	0,001	0,010	0,030	FALSE
-0,037	0,306	-0,001	0,006	0,060	FALSE
-0,034	0,309	-0,002	0,011	0,055	FALSE
0,069	0,323	0,003	0,013	0,083	FALSE
-0,073	0,308	-0,003	0,011	0,093	FALSE
-0,071	0,307	-0,003	0,011	0,106	FALSE
0,134	0,297	0,004	0,010	0,163	FALSE
-0,039	0,301	-0,003	0,012	0,084	FALSE
-0,038	0,305	-0,001	0,008	0,056	FALSE
0,012	0,311	0,001	0,007	0,031	FALSE
-0,075	0,298	-0,002	0,006	0,098	FALSE
0,082	0,309	0,001	0,007	0,081	FALSE
-0,041	0,302	-0,002	0,013	0,073	FALSE
-0,135	0,303	-0,003	0,006	0,186	FALSE
-0,014	0,300	-0,001	0,011	0,017	FALSE
-0,043	0,307	-0,001	0,007	0,034	FALSE
0,089	0,320	0,005	0,013	0,141	FALSE
-0,102	0,313	-0,002	0,008	0,122	FALSE
0,054	0,310	0,001	0,007	0,066	FALSE
0,013	0,314	0,000	0,009	0,012	FALSE
0,007	0,313	0,000	0,008	0,021	FALSE
0,043	0,318	0,001	0,008	0,048	FALSE
0,028	0,302	0,001	0,008	0,032	FALSE
0,034	0,316	0,001	0,010	0,027	FALSE
-0,139	0,312	-0,006	0,013	0,204	FALSE
-0,101	0,311	-0,004	0,011	0,154	FALSE
-0,012	0,303	0,000	0,011	0,008	FALSE
-0,092	0,309	-0,002	0,009	0,094	FALSE
0,155	0,317	0,006	0,013	0,194	FALSE
-0,022	0,305	-0,001	0,011	0,033	FALSE
0,019	0,301	0,002	0,011	0,054	FALSE
0,047	0,314	0,001	0,009	0,051	FALSE
0,060	0,320	0,002	0,012	0,068	FALSE
0,111	0,308	0,002	0,007	0,116	FALSE
0,094	0,308	0,003	0,008	0,159	FALSE
-0,057	0,294	-0,002	0,009	0,103	FALSE
0,042	0,310	0,001	0,010	0,032	FALSE
-0,026	0,320	-0,001	0,008	0,045	FALSE
-0,101	0,306	-0,002	0,007	0,135	FALSE
0,053	0,309	0,001	0,007	0,074	FALSE
0,009	0,319	0,000	0,007	0,012	FALSE
0,040	0,304	0,001	0,007	0,055	FALSE
-0,052	0,300	-0,001	0,007	0,067	FALSE

-0,072	0,303	-0,003	0,012	0,081	FALSE
-0,090	0,296	-0,002	0,006	0,135	FALSE
-0,051	0,326	-0,001	0,009	0,045	FALSE
0,048	0,312	0,001	0,008	0,044	FALSE
0,055	0,290	0,002	0,010	0,059	FALSE
0,075	0,302	0,001	0,008	0,057	FALSE
0,079	0,305	0,001	0,009	0,053	FALSE
0,141	0,309	0,006	0,012	0,192	FALSE
-0,039	0,306	-0,001	0,011	0,046	FALSE
-0,043	0,314	-0,002	0,011	0,055	FALSE
0,007	0,307	0,000	0,010	0,002	FALSE
-0,109	0,303	-0,003	0,011	0,102	FALSE
-0,062	0,315	-0,003	0,012	0,091	FALSE
-0,139	0,308	-0,003	0,007	0,197	FALSE
0,078	0,312	0,002	0,009	0,089	FALSE
0,068	0,304	0,003	0,012	0,089	FALSE
-0,008	0,311	-0,001	0,013	0,033	FALSE
-0,002	0,325	-0,001	0,014	0,016	FALSE
-0,034	0,312	-0,001	0,011	0,031	FALSE
0,061	0,309	0,002	0,009	0,104	FALSE
0,050	0,310	0,002	0,007	0,086	FALSE
0,058	0,318	0,002	0,011	0,064	FALSE
0,013	0,325	-0,001	0,011	0,030	FALSE
0,033	0,310	0,000	0,010	0,003	FALSE
-0,006	0,289	-0,001	0,009	0,051	FALSE
0,034	0,314	0,000	0,010	0,001	FALSE
-0,078	0,297	-0,005	0,013	0,162	FALSE
-0,082	0,310	-0,003	0,008	0,137	FALSE
-0,067	0,304	-0,002	0,012	0,064	FALSE
-0,013	0,303	0,000	0,007	0,009	FALSE
-0,031	0,305	-0,001	0,008	0,036	FALSE
0,025	0,320	0,000	0,007	0,021	FALSE
0,086	0,304	0,002	0,008	0,100	FALSE
0,078	0,304	0,003	0,011	0,089	FALSE
0,044	0,298	0,002	0,012	0,051	FALSE
-0,081	0,294	-0,003	0,011	0,110	FALSE
-0,026	0,310	-0,001	0,010	0,031	FALSE
0,096	0,305	0,003	0,011	0,110	FALSE
-0,125	0,315	-0,003	0,009	0,152	FALSE
0,080	0,312	0,002	0,013	0,066	FALSE
0,018	0,295	0,001	0,011	0,024	FALSE
-0,016	0,312	0,000	0,007	0,021	FALSE
0,043	0,295	0,002	0,010	0,076	FALSE
0,035	0,296	0,001	0,007	0,044	FALSE
-0,145	0,299	-0,006	0,011	0,217	FALSE
0,037	0,313	0,001	0,009	0,049	FALSE
0,063	0,311	0,002	0,010	0,086	FALSE
-0,006	0,320	0,000	0,007	0,020	FALSE
-0,099	0,308	-0,003	0,009	0,114	FALSE
0,006	0,311	0,001	0,006	0,030	FALSE
-0,035	0,297	-0,002	0,011	0,063	FALSE
0,025	0,320	0,001	0,007	0,031	FALSE
0,017	0,311	0,000	0,008	0,020	FALSE

0,004	0,309	0,000	0,013	0,013	FALSE
-0,062	0,306	-0,003	0,012	0,076	FALSE
0,179	0,299	0,004	0,006	0,252	FALSE
0,103	0,307	0,002	0,007	0,118	FALSE
0,063	0,309	0,001	0,013	0,028	FALSE
-0,030	0,297	0,000	0,008	0,002	FALSE
-0,046	0,306	-0,002	0,012	0,055	FALSE
-0,046	0,320	-0,001	0,011	0,041	FALSE
0,027	0,317	0,000	0,010	0,016	FALSE
-0,033	0,317	-0,001	0,011	0,036	FALSE
-0,026	0,317	-0,001	0,011	0,034	FALSE
0,114	0,321	0,004	0,011	0,151	FALSE
0,116	0,306	0,005	0,011	0,177	FALSE
-0,053	0,307	-0,001	0,008	0,060	FALSE
-0,031	0,311	-0,002	0,013	0,068	FALSE
-0,055	0,304	-0,001	0,007	0,071	FALSE
0,004	0,309	0,001	0,008	0,022	FALSE
-0,061	0,303	-0,003	0,013	0,091	FALSE
0,040	0,295	0,002	0,010	0,071	FALSE
-0,086	0,318	-0,004	0,011	0,132	FALSE
0,058	0,314	0,001	0,008	0,061	FALSE
-0,023	0,304	0,000	0,012	0,002	FALSE
0,063	0,310	0,003	0,010	0,102	FALSE
0,066	0,313	0,002	0,007	0,085	FALSE
0,000	0,295	0,001	0,008	0,052	FALSE
-0,105	0,304	-0,003	0,008	0,164	FALSE
-0,083	0,309	-0,003	0,009	0,128	FALSE
0,080	0,322	0,002	0,009	0,092	FALSE
0,108	0,302	0,004	0,011	0,129	FALSE
-0,029	0,302	-0,001	0,009	0,026	FALSE
0,074	0,311	0,002	0,009	0,072	FALSE
0,054	0,314	0,001	0,009	0,043	FALSE
0,053	0,300	0,001	0,008	0,059	FALSE
0,038	0,303	0,000	0,011	0,012	FALSE
-0,145	0,307	-0,003	0,007	0,168	FALSE
-0,112	0,308	-0,005	0,012	0,152	FALSE
0,052	0,306	0,003	0,013	0,106	FALSE
0,024	0,314	0,000	0,009	0,009	FALSE
0,148	0,308	0,004	0,008	0,223	FALSE
-0,092	0,291	-0,003	0,009	0,125	FALSE
-0,044	0,294	-0,001	0,007	0,065	FALSE
-0,092	0,301	-0,004	0,011	0,146	FALSE
0,076	0,303	0,001	0,006	0,069	FALSE
-0,170	0,290	-0,007	0,012	0,252	FALSE
-0,003	0,303	0,000	0,007	0,006	FALSE
0,061	0,308	0,001	0,007	0,068	FALSE
-0,018	0,296	-0,002	0,012	0,051	FALSE
-0,113	0,307	-0,003	0,008	0,170	FALSE
-0,029	0,309	-0,001	0,008	0,054	FALSE
0,136	0,309	0,003	0,007	0,208	FALSE
-0,054	0,320	-0,001	0,007	0,069	FALSE
0,066	0,307	0,002	0,009	0,105	FALSE
-0,004	0,309	0,000	0,011	0,003	FALSE

0,000	0,301	0,000	0,010	0,007	FALSE
-0,011	0,289	-0,001	0,010	0,020	FALSE
0,050	0,320	0,001	0,008	0,065	FALSE
0,050	0,302	0,002	0,010	0,071	FALSE
-0,056	0,308	-0,002	0,008	0,080	FALSE
-0,055	0,323	-0,002	0,013	0,050	FALSE
-0,069	0,307	-0,001	0,010	0,052	FALSE
-0,087	0,303	-0,002	0,010	0,088	FALSE
0,043	0,303	0,001	0,008	0,071	FALSE
0,065	0,315	0,002	0,012	0,050	FALSE
-0,110	0,317	-0,003	0,008	0,130	FALSE
-0,122	0,297	-0,005	0,011	0,181	FALSE
0,208	0,301	0,009	0,013	0,300	FALSE
-0,024	0,295	0,000	0,009	0,007	FALSE
-0,100	0,310	-0,003	0,013	0,098	FALSE
0,064	0,305	0,002	0,009	0,079	FALSE
0,054	0,309	0,002	0,012	0,076	FALSE
-0,031	0,299	-0,001	0,009	0,042	FALSE
0,097	0,302	0,004	0,012	0,127	FALSE
-0,104	0,304	-0,002	0,007	0,131	FALSE
-0,119	0,325	-0,004	0,011	0,136	FALSE
-0,041	0,305	-0,001	0,006	0,043	FALSE
-0,054	0,318	-0,001	0,006	0,053	FALSE
-0,103	0,301	-0,004	0,010	0,144	FALSE
0,099	0,322	0,002	0,007	0,141	FALSE
0,050	0,309	0,002	0,008	0,078	FALSE
0,039	0,315	0,001	0,007	0,058	FALSE
-0,050	0,315	-0,001	0,010	0,053	FALSE
0,079	0,292	0,002	0,007	0,124	FALSE
-0,022	0,312	-0,001	0,010	0,020	FALSE
0,014	0,308	0,000	0,012	0,011	FALSE
0,002	0,287	0,000	0,012	0,013	FALSE
0,082	0,299	0,003	0,010	0,093	FALSE
-0,058	0,295	-0,002	0,010	0,073	FALSE
-0,003	0,311	0,000	0,010	0,010	FALSE
-0,103	0,301	-0,002	0,008	0,109	FALSE
-0,073	0,296	-0,001	0,008	0,071	FALSE
-0,069	0,307	-0,001	0,008	0,050	FALSE
-0,049	0,302	-0,002	0,012	0,051	FALSE
0,017	0,303	0,001	0,012	0,041	FALSE
-0,144	0,295	-0,006	0,009	0,252	FALSE
0,067	0,307	0,001	0,006	0,076	FALSE
0,007	0,301	0,000	0,012	0,003	FALSE
-0,146	0,300	-0,004	0,008	0,218	FALSE
-0,158	0,292	-0,005	0,009	0,255	FALSE
0,005	0,306	0,001	0,009	0,022	FALSE
0,044	0,316	0,001	0,007	0,053	FALSE
0,143	0,313	0,006	0,013	0,196	FALSE
-0,032	0,304	-0,001	0,013	0,033	FALSE
0,034	0,315	0,001	0,011	0,042	FALSE
-0,128	0,309	-0,004	0,011	0,163	FALSE
0,005	0,304	0,000	0,011	0,013	FALSE
-0,041	0,316	-0,001	0,009	0,053	FALSE

-0,077	0,310	-0,002	0,006	0,102	FALSE
-0,066	0,309	-0,002	0,010	0,068	FALSE
0,032	0,302	0,002	0,010	0,053	FALSE
0,087	0,297	0,003	0,007	0,154	FALSE
-0,150	0,306	-0,005	0,009	0,214	FALSE
-0,040	0,316	-0,002	0,012	0,071	FALSE
0,072	0,284	0,001	0,007	0,058	FALSE
-0,027	0,311	-0,001	0,009	0,047	FALSE
0,034	0,309	0,002	0,011	0,053	FALSE
-0,084	0,301	-0,004	0,011	0,139	FALSE
-0,120	0,302	-0,003	0,007	0,174	FALSE
-0,050	0,312	-0,001	0,010	0,054	FALSE
-0,063	0,304	-0,002	0,010	0,084	FALSE
0,006	0,317	0,000	0,011	0,002	FALSE
-0,094	0,306	-0,002	0,006	0,100	FALSE
0,038	0,304	0,001	0,008	0,044	FALSE
0,098	0,313	0,002	0,008	0,110	FALSE
-0,051	0,307	-0,002	0,010	0,069	FALSE
0,038	0,315	0,001	0,006	0,038	FALSE
0,112	0,305	0,004	0,010	0,170	FALSE
-0,081	0,319	-0,002	0,007	0,101	FALSE
-0,037	0,304	-0,002	0,012	0,055	FALSE
0,021	0,316	0,002	0,012	0,049	FALSE
-0,041	0,287	-0,001	0,010	0,048	FALSE
0,021	0,300	0,001	0,012	0,038	FALSE
-0,077	0,316	-0,004	0,012	0,125	FALSE
-0,065	0,300	-0,002	0,011	0,083	FALSE
0,000	0,316	0,000	0,009	0,000	FALSE
0,027	0,305	0,001	0,008	0,033	FALSE
-0,002	0,311	0,000	0,007	0,020	FALSE
0,084	0,302	0,003	0,010	0,127	FALSE
-0,150	0,295	-0,003	0,007	0,198	FALSE
-0,041	0,318	-0,002	0,011	0,070	FALSE
0,098	0,304	0,002	0,007	0,107	FALSE
-0,005	0,310	0,000	0,007	0,022	FALSE
-0,039	0,318	0,000	0,007	0,006	FALSE
0,072	0,315	0,003	0,012	0,082	FALSE
0,058	0,306	0,002	0,012	0,076	FALSE
-0,111	0,300	-0,004	0,009	0,169	FALSE
0,007	0,305	0,001	0,007	0,040	FALSE
0,021	0,312	0,000	0,007	0,004	FALSE
0,002	0,294	0,000	0,007	0,011	FALSE
0,023	0,307	0,001	0,009	0,045	FALSE
0,107	0,311	0,004	0,013	0,130	FALSE
-0,005	0,314	0,000	0,007	0,001	FALSE
-0,013	0,302	-0,001	0,010	0,050	FALSE
0,000	0,295	0,000	0,011	0,005	FALSE
-0,013	0,323	0,000	0,011	0,002	FALSE
0,110	0,324	0,002	0,008	0,108	FALSE
0,029	0,310	0,002	0,011	0,064	FALSE
0,111	0,321	0,003	0,007	0,139	FALSE
-0,179	0,316	-0,004	0,008	0,236	FALSE
0,059	0,316	0,001	0,009	0,055	FALSE

-0,035	0,307	-0,001	0,007	0,030	FALSE
0,096	0,285	0,005	0,012	0,162	FALSE
-0,061	0,308	-0,003	0,013	0,082	FALSE
-0,115	0,312	-0,003	0,007	0,155	FALSE
0,075	0,306	0,003	0,012	0,098	FALSE
-0,078	0,320	-0,002	0,009	0,088	FALSE
0,088	0,303	0,002	0,008	0,098	FALSE
-0,024	0,307	0,000	0,009	0,007	FALSE
0,129	0,300	0,003	0,007	0,174	FALSE
-0,147	0,290	-0,003	0,006	0,210	FALSE
0,044	0,317	0,001	0,013	0,016	FALSE
0,049	0,311	0,001	0,007	0,063	FALSE
-0,088	0,311	-0,002	0,007	0,109	FALSE
-0,168	0,318	-0,005	0,011	0,221	FALSE
-0,005	0,298	0,000	0,012	0,002	FALSE
-0,011	0,320	0,000	0,011	0,006	FALSE
-0,058	0,288	-0,002	0,008	0,109	FALSE
0,108	0,311	0,003	0,008	0,141	FALSE
-0,021	0,304	-0,001	0,007	0,040	FALSE
0,100	0,306	0,004	0,013	0,133	FALSE
0,027	0,315	0,000	0,007	0,020	FALSE
-0,030	0,335	-0,001	0,009	0,031	FALSE
-0,002	0,310	0,000	0,009	0,014	FALSE
0,110	0,307	0,006	0,013	0,175	FALSE
0,071	0,320	0,001	0,007	0,083	FALSE
0,005	0,299	0,001	0,006	0,038	FALSE
-0,039	0,317	0,000	0,008	0,017	FALSE
-0,068	0,305	-0,003	0,011	0,086	FALSE
-0,010	0,284	0,000	0,006	0,023	FALSE
0,035	0,326	0,001	0,013	0,041	FALSE
-0,032	0,321	-0,001	0,010	0,030	FALSE
-0,002	0,299	0,000	0,009	0,015	FALSE
0,062	0,318	0,002	0,008	0,077	FALSE
-0,048	0,309	-0,003	0,012	0,088	FALSE
-0,117	0,310	-0,003	0,007	0,201	FALSE
0,021	0,311	0,000	0,012	0,014	FALSE
0,039	0,316	0,001	0,012	0,031	FALSE
0,088	0,293	0,004	0,012	0,123	FALSE
-0,179	0,300	-0,008	0,013	0,285	FALSE
0,016	0,307	0,001	0,010	0,045	FALSE
-0,076	0,306	-0,001	0,007	0,081	FALSE
-0,128	0,298	-0,003	0,007	0,162	FALSE
0,003	0,313	0,000	0,007	0,000	FALSE
0,018	0,315	0,001	0,007	0,042	FALSE
0,080	0,296	0,002	0,007	0,082	FALSE
-0,031	0,317	-0,001	0,011	0,042	FALSE
-0,035	0,305	-0,001	0,008	0,054	FALSE
-0,016	0,309	-0,001	0,008	0,034	FALSE
-0,013	0,297	0,000	0,007	0,019	FALSE
-0,105	0,295	-0,005	0,012	0,165	FALSE
0,022	0,307	0,001	0,012	0,023	FALSE
0,042	0,306	0,002	0,010	0,060	FALSE
0,040	0,323	0,001	0,007	0,052	FALSE

0,064	0,304	0,003	0,009	0,111	FALSE
-0,052	0,306	-0,003	0,012	0,087	FALSE
-0,042	0,302	-0,002	0,012	0,066	FALSE
0,106	0,291	0,005	0,013	0,154	FALSE
0,014	0,305	0,001	0,010	0,032	FALSE
-0,008	0,304	0,000	0,007	0,002	FALSE
0,009	0,310	0,001	0,010	0,035	FALSE
0,037	0,312	0,001	0,008	0,063	FALSE
-0,125	0,300	-0,003	0,008	0,146	FALSE
0,081	0,292	0,003	0,011	0,088	FALSE
0,014	0,284	0,001	0,013	0,020	FALSE
-0,007	0,294	0,000	0,013	0,013	FALSE
-0,075	0,283	-0,003	0,011	0,113	FALSE
-0,108	0,277	-0,004	0,010	0,144	FALSE
0,084	0,289	0,004	0,012	0,119	FALSE
-0,166	0,294	-0,005	0,009	0,243	FALSE
-0,057	0,316	-0,002	0,007	0,114	FALSE
0,104	0,319	0,002	0,007	0,124	FALSE
0,013	0,300	0,000	0,012	0,014	FALSE
-0,009	0,315	-0,001	0,013	0,019	FALSE
0,042	0,314	0,001	0,008	0,064	FALSE
0,089	0,308	0,003	0,008	0,130	FALSE
0,041	0,318	0,001	0,013	0,034	FALSE
-0,002	0,321	0,001	0,007	0,027	FALSE
0,043	0,297	0,001	0,007	0,052	FALSE
-0,032	0,300	-0,001	0,009	0,053	FALSE
0,007	0,303	0,000	0,012	0,003	FALSE
-0,062	0,326	-0,002	0,011	0,061	FALSE
-0,209	0,297	-0,007	0,010	0,317	FALSE
-0,152	0,309	-0,004	0,010	0,190	FALSE
0,182	0,304	0,005	0,009	0,260	FALSE
-0,087	0,315	-0,003	0,008	0,129	FALSE
0,200	0,310	0,005	0,008	0,295	FALSE
0,005	0,307	0,000	0,007	0,015	FALSE
0,148	0,310	0,004	0,008	0,223	FALSE
0,000	0,327	0,000	0,007	0,004	FALSE
0,035	0,312	0,001	0,007	0,026	FALSE
-0,027	0,315	-0,001	0,010	0,019	FALSE
0,021	0,309	0,000	0,006	0,004	FALSE
-0,068	0,318	-0,002	0,010	0,097	FALSE
0,096	0,310	0,003	0,008	0,141	FALSE
-0,057	0,289	-0,002	0,007	0,107	FALSE
-0,070	0,320	-0,002	0,009	0,095	FALSE
-0,007	0,308	0,000	0,007	0,023	FALSE
-0,046	0,317	-0,001	0,009	0,030	FALSE
-0,027	0,308	-0,001	0,010	0,041	FALSE
-0,108	0,311	-0,004	0,011	0,146	FALSE
0,070	0,298	0,002	0,011	0,081	FALSE
0,056	0,297	0,002	0,010	0,060	FALSE
0,018	0,316	0,001	0,013	0,034	FALSE
0,022	0,304	0,001	0,011	0,021	FALSE
-0,047	0,303	-0,002	0,008	0,073	FALSE
0,039	0,312	0,001	0,010	0,042	FALSE

-0,103	0,294	-0,005	0,013	0,141	FALSE
0,024	0,326	0,000	0,012	0,010	FALSE
0,040	0,301	0,000	0,008	0,010	FALSE
0,045	0,318	0,001	0,007	0,064	FALSE
-0,052	0,319	-0,002	0,008	0,086	FALSE
0,018	0,314	0,001	0,008	0,028	FALSE
0,001	0,297	0,001	0,006	0,029	FALSE
-0,005	0,286	0,000	0,012	0,006	FALSE
-0,088	0,310	-0,003	0,013	0,098	FALSE
-0,135	0,314	-0,003	0,008	0,189	FALSE
-0,064	0,308	-0,001	0,010	0,048	FALSE
-0,210	0,295	-0,009	0,013	0,318	FALSE
-0,029	0,295	-0,001	0,010	0,032	FALSE
0,072	0,314	0,002	0,010	0,088	FALSE
0,016	0,316	0,000	0,010	0,002	FALSE
0,012	0,308	0,000	0,013	0,013	FALSE
-0,013	0,305	-0,001	0,007	0,028	FALSE
0,028	0,307	0,000	0,008	0,013	FALSE
-0,011	0,318	-0,001	0,007	0,030	FALSE
0,038	0,314	0,001	0,007	0,056	FALSE
-0,001	0,309	0,000	0,007	0,019	FALSE
0,091	0,310	0,003	0,009	0,118	FALSE
-0,027	0,307	0,000	0,007	0,002	FALSE
-0,003	0,311	0,000	0,007	0,010	FALSE
0,014	0,301	-0,001	0,011	0,022	FALSE
0,119	0,304	0,002	0,007	0,147	FALSE
-0,075	0,317	-0,003	0,009	0,104	FALSE
-0,017	0,310	-0,001	0,011	0,025	FALSE
-0,054	0,300	-0,001	0,007	0,038	FALSE
-0,061	0,303	-0,002	0,007	0,110	FALSE
0,024	0,298	0,000	0,006	0,022	FALSE
0,078	0,307	0,003	0,010	0,106	FALSE
-0,133	0,305	-0,005	0,011	0,191	FALSE
0,104	0,306	0,003	0,007	0,150	FALSE
0,047	0,310	0,001	0,012	0,042	FALSE
-0,054	0,290	-0,002	0,012	0,063	FALSE
0,003	0,288	0,001	0,011	0,022	FALSE
-0,166	0,296	-0,003	0,006	0,221	FALSE
-0,100	0,312	-0,003	0,010	0,111	FALSE
0,161	0,304	0,006	0,013	0,192	FALSE
-0,032	0,306	-0,002	0,012	0,060	FALSE
-0,018	0,326	-0,001	0,012	0,030	FALSE
0,107	0,295	0,004	0,011	0,128	FALSE
0,075	0,290	0,002	0,008	0,105	FALSE
-0,057	0,321	-0,001	0,006	0,060	FALSE
0,088	0,302	0,002	0,009	0,096	FALSE
0,051	0,304	0,002	0,008	0,086	FALSE
0,111	0,310	0,003	0,010	0,100	FALSE
0,071	0,303	0,003	0,011	0,107	FALSE
0,014	0,301	0,000	0,009	0,012	FALSE
0,119	0,308	0,002	0,007	0,141	FALSE
-0,071	0,303	-0,002	0,008	0,088	FALSE
0,056	0,298	0,003	0,009	0,110	FALSE

0,014	0,311	0,000	0,009	0,001	FALSE
-0,087	0,286	-0,002	0,008	0,117	FALSE
-0,022	0,299	-0,001	0,008	0,046	FALSE
0,106	0,316	0,003	0,009	0,149	FALSE
-0,144	0,312	-0,006	0,013	0,194	FALSE
0,067	0,313	0,002	0,008	0,075	FALSE
0,058	0,313	0,001	0,007	0,070	FALSE
-0,040	0,310	-0,001	0,009	0,051	FALSE
0,103	0,310	0,005	0,014	0,131	FALSE
0,028	0,310	0,000	0,013	0,008	FALSE
-0,074	0,282	-0,002	0,010	0,075	FALSE
-0,004	0,322	-0,001	0,009	0,023	FALSE
-0,003	0,315	0,000	0,007	0,008	FALSE
-0,075	0,312	-0,001	0,007	0,073	FALSE
-0,014	0,316	0,000	0,008	0,015	FALSE
-0,046	0,298	-0,001	0,007	0,048	FALSE
0,075	0,302	0,003	0,011	0,106	FALSE
0,053	0,302	0,001	0,006	0,068	FALSE
-0,113	0,300	-0,002	0,007	0,118	FALSE
-0,085	0,322	-0,002	0,009	0,093	FALSE
0,050	0,315	0,002	0,011	0,064	FALSE
0,037	0,305	0,001	0,012	0,030	FALSE
-0,038	0,314	0,000	0,007	0,012	FALSE
-0,024	0,309	-0,001	0,010	0,053	FALSE
-0,035	0,317	-0,001	0,008	0,064	FALSE
0,044	0,306	0,001	0,007	0,051	FALSE
0,003	0,312	0,000	0,006	0,019	FALSE
-0,012	0,307	0,000	0,007	0,000	FALSE
0,065	0,309	0,002	0,010	0,086	FALSE
0,024	0,302	0,000	0,008	0,018	FALSE
0,051	0,306	0,001	0,009	0,052	FALSE
-0,090	0,309	-0,004	0,013	0,124	FALSE
-0,028	0,306	-0,001	0,009	0,039	FALSE
-0,019	0,308	-0,001	0,012	0,035	FALSE
0,108	0,309	0,004	0,012	0,140	FALSE
0,089	0,311	0,002	0,008	0,107	FALSE
-0,108	0,300	-0,003	0,008	0,153	FALSE
0,105	0,311	0,004	0,012	0,126	FALSE
0,138	0,305	0,004	0,010	0,183	FALSE
0,150	0,307	0,006	0,013	0,203	FALSE
0,131	0,303	0,004	0,008	0,194	FALSE
-0,011	0,290	-0,001	0,012	0,017	FALSE
0,074	0,303	0,002	0,008	0,098	FALSE
0,176	0,307	0,006	0,010	0,271	FALSE
0,062	0,312	0,001	0,007	0,070	FALSE
0,046	0,302	0,002	0,011	0,070	FALSE
0,069	0,330	0,002	0,009	0,079	FALSE
0,104	0,309	0,002	0,006	0,124	FALSE
0,020	0,314	0,000	0,008	0,021	FALSE
0,074	0,310	0,002	0,009	0,075	FALSE
-0,020	0,292	-0,001	0,010	0,028	FALSE
0,042	0,313	0,001	0,007	0,045	FALSE
0,010	0,304	0,000	0,008	0,002	FALSE

-0,065	0,299	-0,001	0,009	0,044	FALSE
0,062	0,305	0,003	0,010	0,099	FALSE
0,003	0,286	-0,001	0,010	0,035	FALSE
0,058	0,303	0,003	0,011	0,092	FALSE
0,015	0,306	0,002	0,013	0,049	FALSE
0,060	0,308	0,002	0,007	0,086	FALSE
-0,091	0,303	-0,002	0,007	0,132	FALSE
0,043	0,318	0,001	0,011	0,045	FALSE
0,176	0,305	0,005	0,009	0,221	FALSE
-0,091	0,319	-0,004	0,012	0,117	FALSE
-0,069	0,294	-0,002	0,009	0,104	FALSE
0,010	0,315	0,000	0,009	0,005	FALSE
-0,027	0,299	0,000	0,007	0,022	FALSE
-0,032	0,298	-0,001	0,007	0,032	FALSE
0,026	0,299	0,000	0,009	0,005	FALSE
0,065	0,300	0,001	0,006	0,041	FALSE
0,125	0,298	0,004	0,011	0,148	FALSE
0,112	0,286	0,002	0,007	0,119	FALSE
0,038	0,313	0,001	0,011	0,046	FALSE
-0,073	0,311	-0,002	0,012	0,065	FALSE
-0,139	0,301	-0,004	0,008	0,194	FALSE
0,047	0,292	0,001	0,006	0,041	FALSE
-0,098	0,314	-0,002	0,008	0,108	FALSE
-0,117	0,291	-0,004	0,010	0,158	FALSE
-0,030	0,314	-0,001	0,007	0,028	FALSE
0,012	0,310	0,000	0,007	0,017	FALSE
-0,015	0,314	0,000	0,008	0,019	FALSE
-0,237	0,294	-0,009	0,011	0,357	FALSE
0,138	0,298	0,004	0,010	0,178	FALSE
0,085	0,302	0,003	0,008	0,171	FALSE
0,014	0,311	0,000	0,011	0,005	FALSE
-0,005	0,289	0,000	0,007	0,020	FALSE
0,007	0,303	0,001	0,012	0,015	FALSE
-0,042	0,314	-0,002	0,012	0,065	FALSE
-0,093	0,314	-0,004	0,013	0,133	FALSE
0,048	0,313	0,001	0,013	0,041	FALSE
-0,078	0,307	-0,002	0,008	0,114	FALSE
-0,018	0,316	-0,001	0,007	0,044	FALSE
-0,012	0,304	0,000	0,007	0,007	FALSE
-0,066	0,307	-0,001	0,008	0,062	FALSE
-0,118	0,302	-0,005	0,011	0,169	FALSE
-0,122	0,311	-0,005	0,011	0,180	FALSE
-0,115	0,306	-0,004	0,011	0,161	FALSE
-0,001	0,305	0,000	0,008	0,000	FALSE
0,021	0,306	0,000	0,007	0,005	FALSE
-0,058	0,301	-0,002	0,009	0,068	FALSE
0,107	0,301	0,003	0,008	0,134	FALSE
-0,092	0,297	-0,003	0,009	0,115	FALSE
0,099	0,298	0,002	0,007	0,142	FALSE
-0,036	0,291	-0,001	0,006	0,037	FALSE
0,038	0,300	0,001	0,009	0,060	FALSE
-0,183	0,289	-0,004	0,007	0,234	FALSE
-0,051	0,311	-0,002	0,010	0,078	FALSE

-0,112	0,302	-0,003	0,008	0,152	FALSE
-0,029	0,297	-0,001	0,007	0,028	FALSE
-0,157	0,290	-0,005	0,009	0,229	FALSE
-0,136	0,317	-0,005	0,011	0,187	FALSE
-0,161	0,302	-0,006	0,011	0,224	FALSE
-0,032	0,315	-0,001	0,011	0,026	FALSE
-0,032	0,307	-0,001	0,011	0,021	FALSE
0,147	0,309	0,003	0,006	0,182	FALSE
-0,017	0,308	0,000	0,011	0,001	FALSE
0,120	0,305	0,004	0,008	0,198	FALSE
-0,002	0,310	0,000	0,010	0,004	FALSE
0,123	0,319	0,004	0,009	0,180	FALSE
-0,046	0,308	-0,002	0,009	0,064	FALSE
0,110	0,293	0,004	0,013	0,130	FALSE
0,011	0,315	-0,001	0,012	0,015	FALSE
-0,046	0,286	-0,003	0,013	0,081	FALSE
-0,102	0,312	-0,002	0,009	0,086	FALSE
-0,099	0,309	-0,002	0,007	0,117	FALSE
-0,045	0,305	-0,001	0,007	0,050	FALSE
0,085	0,292	0,002	0,007	0,132	FALSE
0,015	0,298	0,000	0,009	0,007	FALSE
0,083	0,307	0,002	0,012	0,068	FALSE
0,032	0,318	0,001	0,010	0,039	FALSE
-0,103	0,307	-0,002	0,007	0,115	FALSE
0,006	0,306	0,000	0,012	0,007	FALSE
-0,227	0,298	-0,009	0,012	0,357	FALSE
0,149	0,300	0,006	0,012	0,222	FALSE
0,020	0,303	0,001	0,012	0,039	FALSE
-0,057	0,312	-0,002	0,011	0,077	FALSE
-0,041	0,314	-0,002	0,013	0,048	FALSE
-0,060	0,326	-0,002	0,010	0,071	FALSE
-0,115	0,304	-0,005	0,013	0,162	FALSE
-0,092	0,308	-0,003	0,011	0,119	FALSE
-0,119	0,310	-0,006	0,013	0,176	FALSE
-0,059	0,309	-0,002	0,012	0,070	FALSE
0,068	0,316	0,002	0,012	0,070	FALSE
-0,037	0,297	-0,002	0,011	0,065	FALSE
-0,053	0,307	-0,001	0,007	0,049	FALSE
-0,008	0,302	0,000	0,010	0,008	FALSE
0,056	0,299	0,002	0,011	0,077	FALSE
-0,153	0,316	-0,006	0,013	0,200	FALSE
0,102	0,295	0,004	0,012	0,131	FALSE
-0,093	0,300	-0,003	0,012	0,114	FALSE
0,092	0,304	0,003	0,011	0,110	FALSE
-0,049	0,311	-0,002	0,009	0,068	FALSE
0,081	0,293	0,003	0,008	0,152	FALSE
0,114	0,310	0,004	0,012	0,120	FALSE
0,007	0,309	0,001	0,006	0,040	FALSE
0,033	0,309	0,001	0,008	0,031	FALSE
0,043	0,315	0,002	0,012	0,072	FALSE
0,079	0,308	0,003	0,011	0,117	FALSE
0,036	0,310	0,001	0,007	0,061	FALSE
0,023	0,310	0,001	0,008	0,045	FALSE

-0,064	0,308	-0,003	0,013	0,085	FALSE
-0,044	0,294	-0,003	0,012	0,077	FALSE
-0,180	0,305	-0,005	0,008	0,266	FALSE
0,030	0,301	0,000	0,011	0,010	FALSE
0,050	0,312	0,001	0,011	0,026	FALSE
0,016	0,298	0,001	0,006	0,035	FALSE
0,051	0,291	0,001	0,006	0,071	FALSE
-0,052	0,306	-0,002	0,012	0,062	FALSE
0,026	0,314	0,000	0,013	0,007	FALSE
0,012	0,304	0,001	0,007	0,062	FALSE
0,131	0,308	0,005	0,011	0,179	FALSE
-0,006	0,321	0,000	0,011	0,012	FALSE
-0,033	0,300	0,000	0,010	0,017	FALSE
-0,050	0,307	-0,001	0,006	0,063	FALSE
-0,063	0,314	-0,003	0,011	0,095	FALSE
-0,024	0,322	-0,001	0,007	0,055	FALSE
-0,005	0,311	0,000	0,012	0,001	FALSE
-0,024	0,316	-0,001	0,013	0,026	FALSE
0,089	0,314	0,003	0,013	0,086	FALSE
0,057	0,321	0,002	0,008	0,091	FALSE
-0,027	0,308	-0,001	0,013	0,034	FALSE
-0,021	0,299	-0,001	0,012	0,037	FALSE
0,192	0,295	0,005	0,008	0,290	FALSE
-0,054	0,297	-0,002	0,012	0,069	FALSE
0,083	0,312	0,004	0,012	0,119	FALSE
-0,010	0,302	0,000	0,006	0,020	FALSE
0,013	0,314	0,000	0,007	0,006	FALSE
0,016	0,313	0,000	0,006	0,011	FALSE
-0,052	0,312	-0,001	0,007	0,033	FALSE
-0,062	0,313	-0,003	0,013	0,074	FALSE
-0,084	0,300	-0,004	0,013	0,130	FALSE
0,012	0,299	0,001	0,009	0,025	FALSE
-0,053	0,279	-0,002	0,010	0,060	FALSE
0,069	0,317	0,002	0,012	0,064	FALSE
-0,065	0,311	-0,002	0,009	0,091	FALSE
0,029	0,316	0,002	0,010	0,063	FALSE
-0,163	0,299	-0,005	0,009	0,249	FALSE
0,011	0,310	0,001	0,008	0,035	FALSE
-0,079	0,301	-0,003	0,010	0,112	FALSE
0,056	0,310	0,001	0,006	0,074	FALSE
-0,016	0,314	0,000	0,011	0,010	FALSE
0,070	0,314	0,001	0,007	0,072	FALSE
0,063	0,320	0,002	0,011	0,079	FALSE
0,096	0,321	0,003	0,008	0,120	FALSE
0,024	0,293	0,000	0,012	0,002	FALSE
0,002	0,313	0,000	0,009	0,018	FALSE
-0,103	0,317	-0,002	0,007	0,133	FALSE
0,031	0,298	0,001	0,007	0,034	FALSE
0,052	0,305	0,002	0,011	0,053	FALSE
-0,153	0,307	-0,004	0,008	0,186	FALSE
0,132	0,292	0,005	0,012	0,190	FALSE
0,087	0,307	0,002	0,007	0,110	FALSE
-0,006	0,312	0,000	0,008	0,011	FALSE

0,084	0,297	0,004	0,011	0,142	FALSE
0,041	0,303	0,002	0,013	0,055	FALSE
0,068	0,307	0,003	0,013	0,097	FALSE
0,009	0,320	0,001	0,010	0,022	FALSE
0,079	0,308	0,001	0,007	0,080	FALSE
0,051	0,318	0,001	0,007	0,042	FALSE
-0,095	0,304	-0,002	0,006	0,128	FALSE
0,094	0,307	0,002	0,006	0,110	FALSE
0,056	0,299	0,001	0,008	0,070	FALSE
-0,003	0,298	0,000	0,006	0,019	FALSE
0,050	0,312	0,002	0,012	0,062	FALSE
0,110	0,297	0,004	0,009	0,163	FALSE
-0,031	0,309	-0,002	0,010	0,055	FALSE
-0,155	0,290	-0,007	0,012	0,270	FALSE
0,000	0,311	0,000	0,008	0,012	FALSE
-0,010	0,306	0,000	0,006	0,005	FALSE
-0,001	0,318	-0,002	0,012	0,045	FALSE
0,094	0,311	0,004	0,013	0,128	FALSE
0,000	0,308	0,000	0,008	0,008	FALSE
0,007	0,314	-0,001	0,007	0,029	FALSE
-0,114	0,308	-0,004	0,012	0,133	FALSE
-0,038	0,322	-0,001	0,009	0,048	FALSE
0,056	0,304	0,002	0,012	0,078	FALSE
-0,007	0,302	0,000	0,009	0,001	FALSE
-0,073	0,310	-0,001	0,007	0,063	FALSE
-0,004	0,312	0,000	0,012	0,003	FALSE
-0,041	0,308	-0,001	0,006	0,047	FALSE
-0,079	0,304	-0,003	0,011	0,110	FALSE
0,159	0,302	0,006	0,011	0,247	FALSE
0,167	0,294	0,007	0,011	0,270	FALSE
0,134	0,304	0,005	0,011	0,200	FALSE
0,129	0,305	0,005	0,011	0,183	FALSE
0,194	0,288	0,007	0,010	0,333	FALSE
0,089	0,315	0,004	0,013	0,106	FALSE
0,202	0,304	0,007	0,010	0,321	FALSE
0,155	0,292	0,006	0,010	0,255	FALSE
0,075	0,294	0,001	0,010	0,048	FALSE
-0,001	0,327	0,000	0,007	0,014	FALSE
0,023	0,311	0,001	0,013	0,018	FALSE
0,066	0,304	0,003	0,013	0,097	FALSE
-0,028	0,306	-0,001	0,012	0,025	FALSE
-0,054	0,299	-0,002	0,008	0,090	FALSE
-0,103	0,297	-0,004	0,011	0,139	FALSE
0,014	0,307	0,001	0,007	0,037	FALSE
0,021	0,305	0,001	0,012	0,041	FALSE
0,057	0,302	0,001	0,008	0,038	FALSE
-0,006	0,312	-0,001	0,010	0,025	FALSE
-0,057	0,326	-0,002	0,009	0,067	FALSE
-0,064	0,299	-0,003	0,011	0,088	FALSE
0,015	0,309	0,001	0,013	0,033	FALSE
0,019	0,309	0,000	0,008	0,016	FALSE
0,064	0,297	0,003	0,011	0,091	FALSE
-0,144	0,302	-0,003	0,006	0,235	FALSE

0,061	0,308	0,003	0,012	0,100	FALSE
-0,084	0,292	-0,003	0,010	0,110	FALSE
-0,066	0,304	-0,003	0,011	0,089	FALSE
0,086	0,307	0,003	0,010	0,129	FALSE
0,021	0,322	0,001	0,012	0,029	FALSE
-0,005	0,299	0,000	0,009	0,004	FALSE
0,021	0,308	0,000	0,008	0,010	FALSE
-0,008	0,310	0,000	0,007	0,010	FALSE
-0,012	0,307	0,000	0,007	0,014	FALSE
-0,029	0,312	-0,001	0,009	0,052	FALSE
0,009	0,321	0,001	0,012	0,023	FALSE
0,055	0,308	0,001	0,007	0,076	FALSE
-0,009	0,308	-0,001	0,011	0,036	FALSE
-0,111	0,297	-0,003	0,009	0,142	FALSE
-0,041	0,310	-0,001	0,009	0,045	FALSE
0,068	0,303	0,003	0,009	0,115	FALSE
0,003	0,295	0,000	0,007	0,012	FALSE
-0,111	0,304	-0,002	0,008	0,104	FALSE
0,021	0,318	0,001	0,009	0,029	FALSE
0,061	0,316	0,002	0,008	0,068	FALSE
-0,081	0,303	-0,001	0,007	0,078	FALSE
-0,054	0,305	-0,002	0,008	0,085	FALSE
-0,063	0,316	-0,002	0,009	0,066	FALSE
0,010	0,315	0,000	0,007	0,012	FALSE
0,013	0,313	0,000	0,009	0,013	FALSE
-0,051	0,304	-0,001	0,008	0,058	FALSE
-0,029	0,308	-0,001	0,009	0,024	FALSE
-0,002	0,313	0,000	0,008	0,019	FALSE
0,138	0,305	0,004	0,009	0,190	FALSE
0,042	0,298	0,003	0,008	0,120	FALSE
0,086	0,304	0,002	0,010	0,078	FALSE
-0,114	0,301	-0,003	0,009	0,147	FALSE
0,005	0,308	0,001	0,010	0,034	FALSE
0,023	0,301	0,002	0,010	0,061	FALSE
0,054	0,303	0,003	0,009	0,119	FALSE
0,130	0,296	0,004	0,008	0,201	FALSE
0,055	0,303	0,001	0,007	0,048	FALSE
0,066	0,305	0,001	0,007	0,067	FALSE
0,145	0,304	0,004	0,008	0,221	FALSE
0,050	0,295	0,001	0,010	0,028	FALSE
-0,016	0,307	0,000	0,009	0,008	FALSE
-0,002	0,308	-0,001	0,012	0,027	FALSE
0,080	0,317	0,002	0,010	0,084	FALSE
0,088	0,297	0,003	0,009	0,116	FALSE
0,074	0,296	0,004	0,010	0,158	FALSE
0,064	0,303	0,002	0,010	0,077	FALSE
-0,011	0,304	0,000	0,008	0,001	FALSE
-0,055	0,307	-0,001	0,007	0,066	FALSE
0,105	0,307	0,004	0,011	0,150	FALSE
0,001	0,302	-0,001	0,012	0,028	FALSE
0,056	0,308	0,002	0,013	0,067	FALSE
0,045	0,304	0,002	0,013	0,064	FALSE
-0,118	0,306	-0,003	0,010	0,127	FALSE

0,000	0,323	0,000	0,009	0,002	FALSE
0,092	0,306	0,002	0,010	0,088	FALSE
0,166	0,292	0,003	0,007	0,188	FALSE
-0,113	0,307	-0,005	0,013	0,157	FALSE
0,016	0,316	0,001	0,009	0,025	FALSE
0,016	0,319	0,000	0,011	0,013	FALSE
-0,026	0,309	-0,001	0,011	0,020	FALSE
-0,037	0,307	-0,001	0,010	0,044	FALSE
0,040	0,298	0,001	0,007	0,068	FALSE
-0,027	0,302	-0,001	0,009	0,051	FALSE
0,105	0,310	0,003	0,010	0,143	FALSE
-0,049	0,296	-0,001	0,011	0,045	FALSE
-0,054	0,298	-0,001	0,011	0,047	FALSE
-0,025	0,299	0,000	0,011	0,014	FALSE
-0,023	0,304	-0,002	0,012	0,057	FALSE
-0,032	0,302	-0,002	0,010	0,090	FALSE
0,023	0,313	0,000	0,007	0,016	FALSE
0,072	0,309	0,002	0,007	0,096	FALSE
-0,010	0,313	0,000	0,007	0,022	FALSE
-0,105	0,308	-0,004	0,013	0,126	FALSE
0,093	0,326	0,003	0,009	0,119	FALSE
-0,005	0,290	0,000	0,006	0,021	FALSE
0,028	0,304	0,001	0,011	0,050	FALSE
-0,072	0,322	-0,004	0,013	0,130	FALSE
-0,191	0,305	-0,008	0,013	0,290	FALSE
0,064	0,307	0,001	0,007	0,068	FALSE
0,020	0,320	0,000	0,007	0,023	FALSE
-0,072	0,298	-0,003	0,012	0,093	FALSE
-0,039	0,315	0,000	0,007	0,018	FALSE
0,092	0,305	0,004	0,011	0,143	FALSE
-0,106	0,308	-0,004	0,010	0,155	FALSE
0,090	0,304	0,002	0,007	0,115	FALSE
-0,020	0,305	-0,001	0,009	0,032	FALSE
0,066	0,306	0,001	0,010	0,052	FALSE
-0,030	0,304	0,000	0,007	0,013	FALSE
0,042	0,285	0,001	0,007	0,034	FALSE
0,062	0,315	0,002	0,009	0,103	FALSE
0,069	0,308	0,003	0,012	0,107	FALSE
-0,091	0,314	-0,004	0,011	0,136	FALSE
0,060	0,305	0,002	0,009	0,071	FALSE
0,030	0,283	0,001	0,009	0,043	FALSE
-0,092	0,316	-0,003	0,009	0,118	FALSE
0,005	0,300	0,000	0,010	0,013	FALSE
0,021	0,312	0,000	0,013	0,011	FALSE
0,010	0,327	0,000	0,008	0,015	FALSE
0,006	0,311	0,000	0,012	0,012	FALSE
-0,082	0,323	-0,002	0,007	0,087	FALSE
-0,060	0,310	-0,002	0,008	0,079	FALSE
-0,038	0,300	-0,001	0,013	0,025	FALSE
0,011	0,297	0,000	0,006	0,010	FALSE
-0,002	0,316	0,000	0,007	0,002	FALSE
0,048	0,311	0,001	0,010	0,054	FALSE
0,066	0,309	0,001	0,008	0,072	FALSE

0,031	0,307	0,001	0,008	0,045	FALSE
0,008	0,315	0,000	0,007	0,022	FALSE
-0,006	0,301	0,000	0,009	0,009	FALSE
-0,008	0,322	0,000	0,009	0,003	FALSE
0,075	0,315	0,002	0,009	0,082	FALSE
0,022	0,300	0,001	0,008	0,037	FALSE
0,109	0,307	0,004	0,013	0,117	FALSE
-0,147	0,318	-0,004	0,010	0,175	FALSE
-0,053	0,306	-0,002	0,011	0,051	FALSE
-0,117	0,332	-0,003	0,008	0,159	FALSE
-0,137	0,317	-0,004	0,008	0,198	FALSE
-0,023	0,303	0,000	0,008	0,017	FALSE
-0,148	0,305	-0,004	0,007	0,225	FALSE
0,059	0,306	0,001	0,006	0,068	FALSE
-0,155	0,310	-0,004	0,007	0,245	FALSE
0,030	0,318	0,001	0,008	0,045	FALSE
-0,061	0,304	-0,002	0,007	0,082	FALSE
-0,098	0,314	-0,004	0,012	0,122	FALSE
-0,032	0,305	-0,002	0,011	0,066	FALSE
-0,048	0,311	-0,003	0,013	0,093	FALSE
0,047	0,302	0,001	0,012	0,018	FALSE
0,077	0,296	0,002	0,006	0,106	FALSE
-0,053	0,297	-0,001	0,008	0,048	FALSE
0,034	0,312	0,000	0,008	0,010	FALSE
-0,097	0,312	-0,002	0,007	0,083	FALSE
-0,053	0,316	-0,003	0,012	0,078	FALSE
-0,049	0,299	-0,002	0,008	0,094	FALSE
-0,018	0,306	-0,001	0,009	0,020	FALSE
0,042	0,318	0,002	0,008	0,075	FALSE
0,009	0,310	0,000	0,012	0,007	FALSE
-0,037	0,308	-0,002	0,012	0,047	FALSE
-0,089	0,328	-0,002	0,008	0,090	FALSE
0,058	0,313	0,001	0,007	0,075	FALSE
0,010	0,309	0,000	0,009	0,005	FALSE
0,054	0,309	0,002	0,007	0,092	FALSE
0,055	0,297	0,001	0,008	0,062	FALSE
0,076	0,306	0,001	0,006	0,093	FALSE
0,099	0,311	0,002	0,006	0,153	FALSE
0,073	0,311	0,002	0,009	0,111	FALSE
-0,020	0,303	0,000	0,008	0,014	FALSE
0,149	0,301	0,004	0,007	0,252	FALSE
-0,003	0,299	0,001	0,010	0,025	FALSE
-0,080	0,308	-0,002	0,007	0,099	FALSE
-0,059	0,300	-0,002	0,010	0,070	FALSE
0,042	0,315	0,001	0,008	0,043	FALSE
0,007	0,327	0,000	0,008	0,007	FALSE
-0,063	0,310	-0,002	0,009	0,086	FALSE
0,042	0,314	0,001	0,008	0,044	FALSE
-0,087	0,310	-0,002	0,008	0,099	FALSE
-0,009	0,305	-0,001	0,008	0,025	FALSE
0,026	0,307	0,001	0,011	0,045	FALSE
-0,179	0,306	-0,008	0,013	0,274	FALSE
-0,064	0,313	-0,001	0,006	0,053	FALSE

0,003	0,317	0,000	0,007	0,005	FALSE
0,069	0,312	0,002	0,010	0,079	FALSE
0,068	0,297	0,002	0,010	0,072	FALSE
-0,045	0,304	-0,001	0,009	0,042	FALSE
0,039	0,308	0,001	0,008	0,061	FALSE
-0,042	0,316	-0,001	0,008	0,057	FALSE
-0,059	0,329	-0,002	0,011	0,079	FALSE
0,031	0,313	0,001	0,012	0,035	FALSE
-0,070	0,310	-0,003	0,012	0,094	FALSE
-0,012	0,303	0,000	0,008	0,014	FALSE
-0,027	0,316	-0,001	0,013	0,017	FALSE
-0,029	0,309	-0,002	0,013	0,057	FALSE
-0,005	0,304	0,000	0,010	0,012	FALSE
0,011	0,305	0,001	0,013	0,024	FALSE
-0,054	0,307	-0,002	0,013	0,047	FALSE
-0,098	0,293	-0,003	0,012	0,098	FALSE
-0,053	0,299	-0,002	0,010	0,088	FALSE
0,034	0,314	0,001	0,007	0,076	FALSE
0,006	0,305	0,001	0,007	0,034	FALSE
0,032	0,320	0,001	0,008	0,056	FALSE
-0,003	0,321	0,000	0,007	0,006	FALSE
-0,030	0,306	-0,001	0,008	0,060	FALSE
-0,106	0,297	-0,003	0,008	0,151	FALSE
-0,087	0,305	-0,003	0,011	0,123	FALSE
-0,091	0,299	-0,002	0,007	0,110	FALSE
-0,060	0,308	-0,002	0,011	0,057	FALSE
-0,033	0,302	-0,001	0,010	0,046	FALSE
0,056	0,307	0,002	0,010	0,068	FALSE
0,007	0,301	-0,001	0,008	0,026	FALSE
0,034	0,308	0,002	0,012	0,054	FALSE
0,134	0,302	0,006	0,012	0,203	FALSE
-0,170	0,311	-0,007	0,013	0,234	FALSE
-0,089	0,316	-0,004	0,012	0,133	FALSE
0,016	0,292	0,000	0,007	0,021	FALSE
-0,035	0,317	-0,002	0,012	0,068	FALSE
-0,171	0,298	-0,004	0,007	0,231	FALSE
0,075	0,298	0,003	0,011	0,095	FALSE
0,055	0,311	0,002	0,010	0,059	FALSE
0,018	0,310	0,000	0,007	0,012	FALSE
0,093	0,313	0,003	0,009	0,127	FALSE
0,070	0,313	0,002	0,012	0,061	FALSE
0,128	0,302	0,003	0,006	0,158	FALSE
-0,052	0,297	-0,001	0,007	0,037	FALSE
0,106	0,308	0,003	0,009	0,164	FALSE
0,046	0,318	0,001	0,010	0,022	FALSE
-0,038	0,304	-0,001	0,008	0,050	FALSE
-0,005	0,308	0,001	0,007	0,035	FALSE
-0,061	0,316	-0,003	0,012	0,087	FALSE
0,003	0,306	0,000	0,009	0,015	FALSE
0,055	0,331	0,001	0,009	0,052	FALSE
-0,058	0,326	-0,001	0,008	0,045	FALSE
-0,003	0,311	0,000	0,009	0,002	FALSE
-0,063	0,303	-0,001	0,008	0,046	FALSE

0,022	0,299	0,001	0,008	0,042	FALSE
-0,044	0,324	-0,001	0,007	0,042	FALSE
-0,023	0,301	-0,001	0,012	0,020	FALSE
0,060	0,306	0,003	0,010	0,113	FALSE
0,017	0,297	0,000	0,010	0,004	FALSE
0,158	0,299	0,008	0,012	0,295	FALSE
-0,022	0,308	-0,001	0,007	0,041	FALSE
-0,115	0,308	-0,003	0,009	0,133	FALSE
0,131	0,310	0,005	0,009	0,220	FALSE
-0,063	0,310	-0,003	0,011	0,101	FALSE
-0,013	0,315	0,000	0,007	0,011	FALSE
0,006	0,317	0,001	0,013	0,026	FALSE
-0,036	0,311	-0,001	0,010	0,044	FALSE
-0,038	0,305	-0,001	0,010	0,042	FALSE
-0,146	0,306	-0,004	0,008	0,227	FALSE
-0,073	0,308	-0,002	0,007	0,087	FALSE
0,025	0,319	0,001	0,013	0,036	FALSE
-0,057	0,310	-0,001	0,011	0,040	FALSE
-0,050	0,307	-0,001	0,011	0,045	FALSE
0,064	0,312	0,002	0,009	0,079	FALSE
0,044	0,321	0,001	0,008	0,048	FALSE
-0,059	0,313	-0,001	0,007	0,034	FALSE
-0,036	0,308	0,000	0,007	0,015	FALSE
-0,045	0,308	-0,001	0,009	0,046	FALSE
-0,085	0,296	-0,002	0,008	0,094	FALSE
-0,008	0,318	0,000	0,010	0,014	FALSE
0,003	0,301	0,000	0,009	0,005	FALSE
0,018	0,319	0,001	0,010	0,024	FALSE
-0,007	0,307	0,000	0,006	0,006	FALSE
0,028	0,293	0,000	0,008	0,015	FALSE
0,104	0,294	0,003	0,010	0,127	FALSE
-0,050	0,298	-0,001	0,006	0,048	FALSE
0,006	0,316	0,000	0,013	0,001	FALSE
-0,005	0,300	0,000	0,011	0,009	FALSE
-0,059	0,296	-0,001	0,006	0,068	FALSE
0,060	0,315	0,002	0,011	0,076	FALSE
-0,036	0,310	-0,001	0,011	0,016	FALSE
-0,050	0,308	-0,001	0,007	0,059	FALSE
0,114	0,291	0,004	0,011	0,164	FALSE
-0,033	0,308	-0,001	0,008	0,041	FALSE
-0,052	0,302	-0,001	0,007	0,074	FALSE
0,036	0,304	0,003	0,013	0,075	FALSE
0,042	0,297	0,001	0,009	0,050	FALSE
-0,002	0,308	0,000	0,010	0,009	FALSE
-0,055	0,300	-0,002	0,012	0,063	FALSE
-0,057	0,302	-0,001	0,007	0,063	FALSE
-0,093	0,301	-0,003	0,013	0,078	FALSE
-0,080	0,306	-0,003	0,013	0,081	FALSE
0,128	0,309	0,003	0,008	0,164	FALSE
0,005	0,312	0,000	0,007	0,001	FALSE
-0,010	0,310	0,000	0,008	0,009	FALSE
-0,036	0,308	-0,002	0,012	0,051	FALSE
-0,017	0,310	-0,001	0,012	0,016	FALSE

0,013	0,308	0,001	0,010	0,023	FALSE
-0,001	0,314	0,000	0,012	0,009	FALSE
-0,010	0,311	0,000	0,012	0,003	FALSE
0,034	0,303	0,002	0,012	0,050	FALSE
-0,039	0,328	-0,002	0,013	0,053	FALSE
-0,048	0,311	-0,002	0,008	0,075	FALSE
0,047	0,321	0,003	0,013	0,078	FALSE
-0,025	0,321	0,000	0,007	0,024	FALSE
0,058	0,309	0,002	0,013	0,063	FALSE
-0,026	0,304	-0,001	0,007	0,037	FALSE
0,017	0,304	0,001	0,012	0,020	FALSE
-0,030	0,310	-0,001	0,012	0,019	FALSE
0,085	0,301	0,003	0,009	0,118	FALSE
0,139	0,307	0,004	0,012	0,154	FALSE
0,071	0,318	0,001	0,007	0,073	FALSE
0,039	0,313	0,002	0,010	0,056	FALSE
0,023	0,319	0,001	0,010	0,031	FALSE
0,011	0,298	0,002	0,012	0,049	FALSE
0,118	0,297	0,005	0,011	0,169	FALSE
0,078	0,315	0,002	0,007	0,091	FALSE
-0,050	0,301	-0,001	0,011	0,027	FALSE
-0,002	0,309	0,001	0,009	0,023	FALSE
0,006	0,312	0,000	0,007	0,003	FALSE
0,019	0,293	0,001	0,011	0,031	FALSE
-0,054	0,303	-0,002	0,011	0,051	FALSE
0,000	0,320	0,000	0,008	0,005	FALSE
-0,006	0,303	0,000	0,006	0,002	FALSE
-0,040	0,319	-0,001	0,007	0,051	FALSE
-0,030	0,313	0,000	0,010	0,012	FALSE
-0,019	0,318	-0,001	0,010	0,044	FALSE
-0,030	0,305	0,000	0,010	0,012	FALSE
-0,096	0,314	-0,002	0,006	0,117	FALSE
0,003	0,303	0,000	0,006	0,020	FALSE
0,005	0,303	0,000	0,012	0,014	FALSE
0,041	0,296	0,001	0,006	0,065	FALSE
-0,018	0,316	0,000	0,008	0,016	FALSE
-0,063	0,311	-0,002	0,012	0,052	FALSE
0,148	0,304	0,005	0,013	0,167	FALSE
0,034	0,292	0,001	0,009	0,035	FALSE
0,199	0,308	0,008	0,012	0,282	FALSE
0,019	0,308	0,001	0,008	0,031	FALSE
-0,129	0,294	-0,004	0,008	0,190	FALSE
0,042	0,301	0,002	0,009	0,078	FALSE
-0,017	0,307	0,000	0,007	0,020	FALSE
-0,049	0,300	-0,001	0,010	0,051	FALSE
0,119	0,297	0,003	0,007	0,178	FALSE
0,086	0,317	0,003	0,009	0,125	FALSE
0,074	0,305	0,002	0,009	0,062	FALSE
-0,143	0,300	-0,005	0,012	0,178	FALSE
-0,179	0,316	-0,007	0,013	0,224	FALSE
-0,105	0,315	-0,003	0,010	0,134	FALSE
0,030	0,311	0,001	0,008	0,026	FALSE
-0,106	0,306	-0,003	0,007	0,159	FALSE

0,166	0,289	0,004	0,006	0,242	FALSE
0,093	0,308	0,002	0,007	0,106	FALSE
0,087	0,300	0,003	0,011	0,113	FALSE
-0,037	0,305	-0,002	0,012	0,077	FALSE
-0,028	0,296	-0,001	0,009	0,035	FALSE
-0,048	0,316	-0,002	0,009	0,063	FALSE
0,074	0,318	0,002	0,012	0,068	FALSE
0,093	0,311	0,003	0,013	0,089	FALSE
-0,017	0,316	0,000	0,008	0,002	FALSE
0,156	0,317	0,004	0,008	0,205	FALSE
0,007	0,296	0,001	0,010	0,050	FALSE
0,061	0,304	0,001	0,006	0,073	FALSE
-0,091	0,294	-0,004	0,012	0,116	FALSE
-0,163	0,296	-0,007	0,012	0,228	FALSE
-0,019	0,308	-0,001	0,008	0,043	FALSE
-0,097	0,296	-0,003	0,008	0,150	FALSE
-0,012	0,312	0,000	0,013	0,013	FALSE
-0,043	0,299	-0,002	0,012	0,066	FALSE
0,041	0,300	0,001	0,008	0,035	FALSE
0,088	0,305	0,002	0,008	0,088	FALSE
-0,062	0,312	-0,002	0,011	0,075	FALSE
-0,014	0,297	-0,001	0,012	0,022	FALSE
0,067	0,326	0,002	0,007	0,093	FALSE
0,073	0,317	0,002	0,008	0,086	FALSE
0,105	0,296	0,003	0,007	0,156	FALSE
-0,016	0,325	0,000	0,009	0,017	FALSE
-0,001	0,325	0,000	0,008	0,001	FALSE
-0,123	0,311	-0,003	0,007	0,159	FALSE
-0,054	0,313	-0,001	0,007	0,050	FALSE
0,060	0,316	0,002	0,012	0,075	FALSE
-0,032	0,313	0,000	0,008	0,009	FALSE
0,089	0,296	0,001	0,007	0,082	FALSE
0,026	0,316	0,002	0,010	0,069	FALSE
0,042	0,293	0,001	0,012	0,027	FALSE
-0,008	0,287	0,001	0,007	0,045	FALSE
0,006	0,304	0,001	0,008	0,027	FALSE
0,083	0,299	0,001	0,007	0,059	FALSE
-0,100	0,328	-0,004	0,011	0,145	FALSE
-0,017	0,303	0,000	0,009	0,011	FALSE
0,092	0,315	0,004	0,010	0,157	FALSE
0,034	0,316	0,001	0,007	0,049	FALSE
-0,038	0,305	-0,001	0,010	0,019	FALSE
-0,028	0,301	-0,001	0,011	0,031	FALSE
-0,046	0,307	-0,001	0,009	0,031	FALSE
-0,041	0,291	-0,002	0,011	0,057	FALSE
-0,048	0,313	-0,002	0,012	0,055	FALSE
-0,015	0,308	0,000	0,012	0,004	FALSE
-0,067	0,299	-0,002	0,012	0,074	FALSE
-0,082	0,291	-0,002	0,006	0,105	FALSE
0,012	0,310	0,000	0,008	0,004	FALSE
-0,048	0,290	-0,002	0,010	0,057	FALSE
-0,014	0,309	-0,001	0,010	0,033	FALSE
0,006	0,291	0,000	0,009	0,001	FALSE

-0,074	0,310	-0,003	0,011	0,115	FALSE
-0,100	0,300	-0,002	0,006	0,149	FALSE
0,122	0,310	0,003	0,007	0,149	FALSE
0,013	0,304	0,001	0,009	0,036	FALSE
0,011	0,312	0,000	0,011	0,011	FALSE
0,014	0,301	0,000	0,011	0,006	FALSE
0,005	0,287	0,000	0,012	0,011	FALSE
-0,012	0,326	0,000	0,007	0,004	FALSE
0,131	0,285	0,004	0,007	0,259	FALSE
0,186	0,300	0,008	0,013	0,262	FALSE
-0,144	0,301	-0,005	0,009	0,216	FALSE
0,016	0,300	0,000	0,011	0,008	FALSE
0,014	0,314	0,001	0,007	0,042	FALSE
0,081	0,306	0,003	0,013	0,101	FALSE
-0,085	0,314	-0,003	0,011	0,104	FALSE
0,082	0,308	0,003	0,012	0,097	FALSE
0,140	0,306	0,006	0,012	0,189	FALSE
-0,126	0,316	-0,005	0,012	0,162	FALSE
0,029	0,308	0,000	0,012	0,007	FALSE
-0,054	0,300	-0,003	0,010	0,107	FALSE
-0,030	0,313	-0,001	0,008	0,035	FALSE
0,179	0,300	0,005	0,007	0,305	FALSE
-0,047	0,310	-0,002	0,012	0,061	FALSE
-0,011	0,303	0,000	0,012	0,009	FALSE
-0,109	0,304	-0,002	0,007	0,126	FALSE
0,045	0,295	0,002	0,011	0,071	FALSE
-0,173	0,302	-0,006	0,012	0,225	FALSE
-0,038	0,312	-0,001	0,007	0,032	FALSE
-0,058	0,311	-0,002	0,008	0,088	FALSE
-0,064	0,305	-0,002	0,013	0,067	FALSE
0,113	0,294	0,003	0,008	0,166	FALSE
-0,006	0,309	0,000	0,009	0,004	FALSE
0,004	0,304	0,000	0,007	0,007	FALSE
-0,042	0,291	-0,001	0,007	0,035	FALSE
-0,024	0,310	0,000	0,009	0,011	FALSE
0,063	0,309	0,003	0,013	0,096	FALSE
0,078	0,309	0,002	0,007	0,100	FALSE
-0,006	0,322	0,000	0,013	0,002	FALSE
0,081	0,301	0,002	0,010	0,083	FALSE
-0,064	0,307	-0,002	0,011	0,068	FALSE
0,021	0,300	-0,001	0,008	0,026	FALSE
0,145	0,291	0,004	0,009	0,175	FALSE
0,030	0,309	0,001	0,008	0,048	FALSE
0,054	0,315	0,002	0,010	0,057	FALSE
0,074	0,308	0,003	0,009	0,117	FALSE
0,027	0,305	0,001	0,008	0,073	FALSE
0,044	0,315	0,002	0,008	0,100	FALSE
-0,005	0,313	0,000	0,011	0,009	FALSE
-0,019	0,312	0,000	0,009	0,018	FALSE
-0,001	0,307	-0,001	0,012	0,034	FALSE
0,018	0,322	0,000	0,013	0,008	FALSE
0,107	0,299	0,004	0,010	0,144	FALSE
-0,072	0,319	-0,002	0,011	0,059	FALSE

0,035	0,318	0,002	0,012	0,061	FALSE
0,063	0,310	0,002	0,013	0,065	FALSE
-0,016	0,313	0,000	0,010	0,011	FALSE
0,017	0,313	0,001	0,011	0,027	FALSE
0,069	0,304	0,003	0,011	0,088	FALSE
-0,039	0,304	-0,001	0,012	0,036	FALSE
0,081	0,300	0,003	0,008	0,135	FALSE
0,003	0,309	0,000	0,007	0,007	FALSE
-0,132	0,306	-0,005	0,012	0,166	FALSE
-0,033	0,312	-0,001	0,013	0,033	FALSE
0,001	0,317	0,000	0,009	0,002	FALSE
0,135	0,304	0,006	0,013	0,182	FALSE
-0,116	0,304	-0,005	0,013	0,151	FALSE
-0,008	0,299	0,000	0,011	0,009	FALSE
0,169	0,301	0,005	0,009	0,237	FALSE
0,055	0,302	0,001	0,008	0,050	FALSE
-0,013	0,306	0,000	0,011	0,013	FALSE
-0,038	0,303	-0,001	0,007	0,058	FALSE
-0,078	0,303	-0,003	0,012	0,102	FALSE
-0,092	0,316	-0,002	0,008	0,107	FALSE
-0,046	0,318	-0,001	0,008	0,054	FALSE
-0,049	0,314	-0,001	0,011	0,046	FALSE
-0,079	0,307	-0,004	0,011	0,130	FALSE
0,133	0,294	0,005	0,010	0,196	FALSE
0,047	0,306	0,002	0,010	0,072	FALSE
0,085	0,311	0,002	0,008	0,114	FALSE
0,049	0,306	0,002	0,010	0,062	FALSE
0,070	0,309	0,002	0,009	0,083	FALSE
0,062	0,309	0,001	0,007	0,070	FALSE
0,026	0,303	0,000	0,006	0,002	FALSE
0,015	0,301	0,001	0,006	0,028	FALSE
0,018	0,309	0,001	0,008	0,049	FALSE
0,030	0,306	0,001	0,008	0,032	FALSE
0,065	0,311	0,001	0,008	0,059	FALSE
-0,020	0,290	-0,001	0,013	0,039	FALSE
0,073	0,305	0,002	0,010	0,078	FALSE
0,006	0,301	0,000	0,008	0,016	FALSE
0,079	0,321	0,002	0,006	0,127	FALSE
-0,071	0,309	-0,002	0,008	0,075	FALSE
-0,114	0,306	-0,003	0,008	0,172	FALSE
0,051	0,308	0,002	0,013	0,049	FALSE
-0,158	0,287	-0,005	0,010	0,215	FALSE
0,007	0,314	0,000	0,008	0,009	FALSE
0,048	0,305	0,002	0,009	0,087	FALSE
-0,051	0,311	-0,001	0,007	0,076	FALSE
-0,012	0,303	0,000	0,006	0,020	FALSE
0,058	0,309	0,001	0,009	0,056	FALSE
0,001	0,316	0,000	0,009	0,012	FALSE
-0,106	0,309	-0,002	0,007	0,117	FALSE
-0,074	0,297	-0,004	0,013	0,118	FALSE
0,122	0,302	0,003	0,007	0,179	FALSE
-0,022	0,315	-0,002	0,011	0,053	FALSE
-0,029	0,324	0,000	0,007	0,011	FALSE

0,015	0,321	0,000	0,011	0,015	FALSE
0,028	0,303	0,001	0,007	0,043	FALSE
0,099	0,293	0,005	0,011	0,170	FALSE
-0,037	0,318	-0,002	0,011	0,073	FALSE
-0,138	0,310	-0,005	0,011	0,203	FALSE
-0,189	0,301	-0,008	0,013	0,274	FALSE
-0,008	0,319	0,000	0,012	0,009	FALSE
-0,015	0,308	0,000	0,007	0,024	FALSE
0,173	0,295	0,007	0,012	0,267	FALSE
0,040	0,320	0,001	0,009	0,038	FALSE
-0,026	0,314	-0,002	0,013	0,065	FALSE
0,052	0,319	0,002	0,013	0,054	FALSE
0,015	0,309	0,000	0,009	0,014	FALSE
0,085	0,315	0,004	0,013	0,112	FALSE
0,001	0,304	-0,001	0,009	0,019	FALSE
0,054	0,294	0,001	0,007	0,038	FALSE
0,067	0,295	0,001	0,007	0,064	FALSE
0,082	0,289	0,001	0,007	0,075	FALSE
0,063	0,295	0,001	0,007	0,056	FALSE
0,063	0,297	0,001	0,007	0,050	FALSE
-0,013	0,306	-0,001	0,007	0,028	FALSE
0,161	0,294	0,003	0,007	0,176	FALSE
-0,025	0,309	-0,001	0,012	0,041	FALSE
-0,017	0,316	0,000	0,007	0,008	FALSE
-0,012	0,317	0,000	0,010	0,008	FALSE
-0,063	0,307	-0,003	0,012	0,097	FALSE
0,041	0,304	0,002	0,012	0,073	FALSE
-0,068	0,316	-0,002	0,007	0,084	FALSE
0,003	0,314	0,000	0,006	0,009	FALSE
0,046	0,314	0,001	0,007	0,065	FALSE
0,026	0,298	0,001	0,011	0,040	FALSE
0,012	0,301	0,001	0,010	0,022	FALSE
0,002	0,304	0,001	0,011	0,032	FALSE
0,015	0,295	0,001	0,007	0,076	FALSE
0,028	0,292	0,001	0,006	0,075	FALSE
0,075	0,308	0,001	0,007	0,079	FALSE
0,124	0,304	0,004	0,012	0,131	FALSE
0,065	0,322	0,002	0,011	0,063	FALSE
0,006	0,318	0,001	0,009	0,021	FALSE
-0,012	0,307	0,000	0,009	0,010	FALSE
0,067	0,312	0,002	0,007	0,082	FALSE
0,087	0,309	0,003	0,012	0,105	FALSE
-0,071	0,308	-0,004	0,013	0,119	FALSE
-0,075	0,292	-0,001	0,009	0,057	FALSE
-0,005	0,305	0,000	0,006	0,001	FALSE
-0,006	0,311	0,000	0,011	0,001	FALSE
-0,011	0,317	0,000	0,009	0,009	FALSE
0,069	0,294	0,001	0,009	0,062	FALSE
0,004	0,313	0,000	0,013	0,004	FALSE
-0,066	0,313	-0,003	0,009	0,137	FALSE
-0,036	0,305	-0,002	0,009	0,075	FALSE
0,181	0,279	0,007	0,010	0,293	FALSE
-0,005	0,311	0,000	0,012	0,010	FALSE

-0,017	0,315	0,000	0,011	0,005	FALSE
-0,063	0,310	-0,002	0,009	0,062	FALSE
-0,050	0,313	-0,002	0,010	0,057	FALSE
-0,094	0,324	-0,002	0,008	0,098	FALSE
0,089	0,296	0,003	0,007	0,165	FALSE
-0,042	0,320	0,000	0,007	0,022	FALSE
0,069	0,318	0,002	0,007	0,128	FALSE
-0,181	0,306	-0,007	0,013	0,246	FALSE
-0,041	0,313	-0,002	0,008	0,083	FALSE
-0,065	0,313	-0,002	0,008	0,086	FALSE
-0,039	0,301	-0,001	0,008	0,042	FALSE
-0,066	0,315	-0,001	0,007	0,066	FALSE
-0,134	0,297	-0,005	0,012	0,174	FALSE
-0,072	0,289	-0,003	0,012	0,088	FALSE
0,140	0,297	0,004	0,010	0,182	FALSE
-0,010	0,292	0,000	0,012	0,011	FALSE
0,110	0,298	0,002	0,007	0,110	FALSE
0,149	0,297	0,005	0,009	0,231	FALSE
-0,087	0,316	-0,002	0,007	0,096	FALSE
0,030	0,300	0,000	0,010	0,004	FALSE
0,080	0,300	0,003	0,011	0,115	FALSE
0,065	0,302	0,002	0,007	0,085	FALSE
0,046	0,316	0,002	0,012	0,045	FALSE
0,034	0,319	0,001	0,012	0,040	FALSE
0,002	0,311	0,000	0,012	0,009	FALSE
0,019	0,304	0,000	0,012	0,001	FALSE
-0,074	0,294	-0,002	0,009	0,080	FALSE
-0,083	0,298	-0,002	0,006	0,109	FALSE
-0,137	0,309	-0,006	0,013	0,176	FALSE
-0,163	0,289	-0,003	0,006	0,216	FALSE
-0,079	0,313	-0,002	0,008	0,075	FALSE
0,059	0,309	0,002	0,008	0,090	FALSE
0,020	0,313	0,001	0,013	0,016	FALSE
-0,149	0,304	-0,003	0,006	0,218	FALSE
-0,141	0,309	-0,005	0,012	0,193	FALSE
0,079	0,308	0,002	0,007	0,108	FALSE
0,037	0,304	0,001	0,007	0,029	FALSE
0,008	0,321	0,000	0,013	0,002	FALSE
-0,021	0,315	0,000	0,010	0,005	FALSE
-0,158	0,290	-0,006	0,011	0,229	FALSE
-0,061	0,314	-0,001	0,008	0,047	FALSE
0,066	0,319	0,002	0,009	0,096	FALSE
-0,089	0,308	-0,004	0,013	0,106	FALSE
0,020	0,314	0,000	0,008	0,019	FALSE
0,053	0,311	0,001	0,007	0,061	FALSE
0,014	0,306	0,000	0,013	0,006	FALSE
-0,129	0,303	-0,006	0,013	0,190	FALSE
0,018	0,325	0,001	0,011	0,045	FALSE
0,026	0,304	0,002	0,009	0,069	FALSE
-0,079	0,316	-0,002	0,008	0,114	FALSE
-0,067	0,308	-0,004	0,012	0,133	FALSE
-0,025	0,309	-0,001	0,008	0,034	FALSE
0,106	0,315	0,004	0,010	0,158	FALSE

-0,036	0,320	0,000	0,008	0,023	FALSE
-0,051	0,313	-0,001	0,007	0,059	FALSE
-0,204	0,292	-0,008	0,011	0,305	FALSE
0,080	0,298	0,004	0,011	0,153	FALSE
-0,121	0,298	-0,004	0,008	0,208	FALSE
-0,005	0,310	-0,001	0,012	0,016	FALSE
0,029	0,309	0,001	0,008	0,059	FALSE
0,131	0,297	0,003	0,007	0,186	FALSE
-0,162	0,303	-0,007	0,011	0,288	FALSE
-0,013	0,311	-0,001	0,008	0,042	FALSE
0,051	0,311	0,002	0,013	0,044	FALSE
0,010	0,299	0,000	0,009	0,001	FALSE
0,008	0,320	0,000	0,007	0,002	FALSE
-0,011	0,301	0,000	0,007	0,016	FALSE
0,018	0,309	0,001	0,007	0,027	FALSE
0,117	0,302	0,004	0,009	0,149	FALSE
0,018	0,304	0,001	0,010	0,022	FALSE
-0,004	0,302	0,000	0,007	0,006	FALSE
0,003	0,313	0,000	0,010	0,006	FALSE
0,188	0,306	0,005	0,008	0,304	FALSE
-0,088	0,290	-0,002	0,007	0,084	FALSE
-0,005	0,313	0,000	0,013	0,013	FALSE
-0,053	0,296	-0,003	0,012	0,095	FALSE
-0,127	0,304	-0,003	0,007	0,161	FALSE
-0,177	0,304	-0,005	0,009	0,247	FALSE
-0,080	0,294	-0,002	0,008	0,084	FALSE
-0,023	0,299	-0,001	0,009	0,042	FALSE
-0,078	0,322	-0,002	0,008	0,093	FALSE
-0,084	0,308	-0,004	0,012	0,122	FALSE
0,081	0,314	0,003	0,010	0,113	FALSE
-0,186	0,308	-0,007	0,010	0,285	FALSE
-0,187	0,298	-0,006	0,009	0,291	FALSE
0,058	0,308	0,001	0,006	0,085	FALSE
0,107	0,294	0,004	0,012	0,152	FALSE
-0,052	0,309	-0,002	0,012	0,047	FALSE
0,066	0,287	0,002	0,008	0,101	FALSE
0,039	0,310	0,001	0,011	0,047	FALSE
-0,038	0,313	-0,001	0,007	0,052	FALSE
-0,048	0,301	-0,002	0,013	0,069	FALSE
0,147	0,295	0,006	0,011	0,235	FALSE
-0,013	0,304	-0,001	0,011	0,019	FALSE
-0,030	0,309	-0,001	0,011	0,022	FALSE
-0,051	0,301	-0,002	0,010	0,057	FALSE
0,034	0,318	0,001	0,007	0,050	FALSE
-0,136	0,302	-0,004	0,008	0,225	FALSE
-0,077	0,309	-0,002	0,010	0,075	FALSE
0,113	0,304	0,004	0,010	0,171	FALSE
-0,052	0,302	-0,001	0,009	0,057	FALSE
-0,113	0,292	-0,004	0,009	0,175	FALSE
-0,067	0,307	-0,002	0,012	0,079	FALSE
0,068	0,307	0,003	0,013	0,082	FALSE
-0,053	0,304	-0,003	0,012	0,086	FALSE
-0,031	0,322	-0,001	0,013	0,038	FALSE

0,048	0,290	0,002	0,010	0,060	FALSE
0,036	0,318	0,002	0,013	0,060	FALSE
-0,010	0,315	0,000	0,012	0,013	FALSE
-0,021	0,308	-0,001	0,012	0,018	FALSE
-0,081	0,314	-0,001	0,007	0,077	FALSE
0,074	0,286	0,002	0,012	0,072	FALSE
0,095	0,306	0,003	0,010	0,126	FALSE
0,128	0,314	0,003	0,007	0,179	FALSE
0,163	0,294	0,006	0,012	0,205	FALSE
-0,136	0,308	-0,005	0,013	0,172	FALSE
-0,083	0,304	-0,002	0,007	0,109	FALSE
-0,019	0,316	0,000	0,007	0,001	FALSE
-0,087	0,297	-0,002	0,010	0,089	FALSE
-0,076	0,307	-0,002	0,008	0,117	FALSE
-0,056	0,301	-0,001	0,007	0,063	FALSE
0,036	0,310	0,001	0,008	0,064	FALSE
0,015	0,310	0,001	0,009	0,032	FALSE
0,082	0,293	0,002	0,007	0,134	FALSE
0,013	0,306	0,001	0,011	0,039	FALSE
0,027	0,310	0,001	0,008	0,068	FALSE
0,059	0,292	0,003	0,009	0,110	FALSE
0,078	0,311	0,002	0,012	0,068	FALSE
0,011	0,294	0,001	0,012	0,032	FALSE
0,047	0,303	0,001	0,007	0,050	FALSE
-0,052	0,319	-0,002	0,013	0,056	FALSE
0,016	0,306	0,000	0,008	0,023	FALSE
-0,071	0,292	-0,002	0,012	0,060	FALSE
-0,032	0,316	-0,001	0,008	0,036	FALSE
-0,001	0,295	0,000	0,007	0,001	FALSE
-0,078	0,298	-0,004	0,012	0,132	FALSE
0,099	0,306	0,002	0,007	0,106	FALSE
0,004	0,302	0,000	0,010	0,007	FALSE
-0,012	0,296	0,000	0,006	0,023	FALSE
-0,180	0,302	-0,008	0,013	0,279	FALSE
-0,089	0,296	-0,002	0,008	0,117	FALSE
-0,096	0,293	-0,004	0,011	0,128	FALSE
-0,051	0,309	-0,003	0,012	0,084	FALSE
0,032	0,321	0,001	0,007	0,028	FALSE
0,053	0,305	0,002	0,008	0,076	FALSE
0,098	0,309	0,003	0,012	0,089	FALSE
0,079	0,320	0,002	0,011	0,065	FALSE
-0,077	0,306	-0,004	0,013	0,123	FALSE
0,033	0,297	0,001	0,008	0,041	FALSE
-0,046	0,305	-0,001	0,008	0,066	FALSE
-0,056	0,304	-0,003	0,013	0,100	FALSE
0,009	0,297	0,000	0,012	0,006	FALSE
-0,181	0,311	-0,007	0,012	0,260	FALSE
-0,151	0,308	-0,007	0,013	0,252	FALSE
0,001	0,313	0,000	0,010	0,004	FALSE
-0,009	0,301	0,000	0,009	0,013	FALSE
-0,010	0,321	-0,001	0,011	0,028	FALSE
-0,025	0,293	0,000	0,013	0,005	FALSE
-0,002	0,300	0,001	0,011	0,037	FALSE

0,018	0,313	0,001	0,007	0,030	FALSE
-0,147	0,317	-0,006	0,013	0,208	FALSE
0,040	0,300	0,002	0,012	0,058	FALSE
-0,015	0,306	0,000	0,013	0,011	FALSE
-0,043	0,321	-0,001	0,008	0,034	FALSE
-0,016	0,305	0,000	0,008	0,003	FALSE
-0,007	0,299	0,000	0,008	0,001	FALSE
0,081	0,310	0,003	0,010	0,118	FALSE
0,011	0,308	0,001	0,011	0,042	FALSE
0,042	0,303	0,002	0,008	0,075	FALSE
-0,053	0,305	-0,003	0,013	0,099	FALSE
-0,047	0,312	-0,001	0,010	0,041	FALSE
-0,052	0,299	-0,003	0,011	0,099	FALSE
0,129	0,310	0,005	0,013	0,167	FALSE
0,097	0,290	0,003	0,010	0,116	FALSE
0,081	0,301	0,002	0,008	0,099	FALSE
-0,045	0,296	-0,001	0,012	0,037	FALSE
0,070	0,293	0,002	0,011	0,070	FALSE
0,015	0,312	0,000	0,007	0,015	FALSE
0,004	0,311	0,000	0,008	0,015	FALSE
0,035	0,307	0,000	0,008	0,021	FALSE
-0,011	0,299	0,000	0,007	0,022	FALSE
0,006	0,307	0,000	0,009	0,002	FALSE
0,064	0,283	0,003	0,012	0,080	FALSE
0,007	0,299	0,001	0,007	0,039	FALSE
0,026	0,310	0,001	0,008	0,048	FALSE
-0,114	0,315	-0,003	0,009	0,134	FALSE
0,090	0,308	0,004	0,012	0,123	FALSE
-0,002	0,312	0,000	0,013	0,010	FALSE
-0,058	0,303	-0,002	0,009	0,072	FALSE
-0,070	0,302	-0,002	0,008	0,088	FALSE
-0,163	0,303	-0,004	0,008	0,229	FALSE
-0,174	0,294	-0,004	0,007	0,260	FALSE
0,184	0,295	0,005	0,008	0,291	FALSE
0,170	0,295	0,003	0,006	0,237	FALSE
0,062	0,314	0,003	0,013	0,079	FALSE
-0,014	0,304	-0,001	0,008	0,043	FALSE
0,054	0,304	0,002	0,009	0,100	FALSE
0,176	0,299	0,004	0,007	0,205	FALSE
0,070	0,316	0,002	0,012	0,055	FALSE
0,148	0,291	0,004	0,007	0,231	FALSE
-0,092	0,312	-0,002	0,007	0,113	FALSE
-0,112	0,302	-0,006	0,012	0,198	FALSE
0,002	0,314	0,001	0,013	0,027	FALSE
-0,023	0,320	-0,001	0,008	0,047	FALSE
0,022	0,306	0,001	0,008	0,048	FALSE
0,014	0,309	0,001	0,008	0,045	FALSE
0,011	0,298	-0,001	0,013	0,017	FALSE
0,051	0,336	0,002	0,014	0,061	FALSE
0,050	0,297	0,002	0,012	0,051	FALSE
0,060	0,313	0,002	0,009	0,066	FALSE
-0,041	0,315	-0,002	0,012	0,052	FALSE
0,024	0,300	0,001	0,007	0,031	FALSE

-0,039	0,315	-0,001	0,010	0,036	FALSE
-0,046	0,313	-0,001	0,012	0,041	FALSE
0,008	0,311	0,000	0,012	0,004	FALSE
-0,058	0,304	-0,001	0,007	0,043	FALSE
-0,046	0,322	-0,001	0,010	0,048	FALSE
0,190	0,298	0,006	0,010	0,267	FALSE
-0,072	0,310	-0,003	0,012	0,095	FALSE
-0,038	0,317	-0,001	0,012	0,041	FALSE
-0,034	0,306	-0,002	0,012	0,054	FALSE
-0,119	0,320	-0,004	0,011	0,155	FALSE
-0,007	0,311	-0,001	0,012	0,039	FALSE
0,024	0,308	0,000	0,013	0,002	FALSE
0,052	0,312	0,003	0,013	0,081	FALSE
0,012	0,301	-0,001	0,012	0,016	FALSE
0,004	0,309	0,000	0,008	0,014	FALSE
-0,024	0,309	0,000	0,008	0,022	FALSE
-0,060	0,317	-0,001	0,008	0,065	FALSE
-0,020	0,292	0,000	0,006	0,019	FALSE
0,063	0,309	0,002	0,012	0,058	FALSE
0,064	0,327	0,002	0,012	0,066	FALSE
0,035	0,315	0,001	0,012	0,028	FALSE
0,055	0,306	0,001	0,009	0,046	FALSE
-0,127	0,306	-0,006	0,012	0,198	FALSE
0,166	0,298	0,005	0,009	0,209	FALSE
0,045	0,300	0,002	0,013	0,061	FALSE
0,017	0,310	0,000	0,010	0,016	FALSE
-0,038	0,306	-0,002	0,013	0,052	FALSE
-0,008	0,310	0,000	0,007	0,000	FALSE
-0,004	0,318	0,000	0,010	0,017	FALSE
-0,002	0,298	0,000	0,009	0,007	FALSE
0,051	0,323	0,002	0,009	0,066	FALSE
-0,058	0,314	-0,002	0,009	0,062	FALSE
0,029	0,309	0,000	0,010	0,009	FALSE
0,092	0,311	0,003	0,013	0,103	FALSE
-0,040	0,311	-0,001	0,008	0,062	FALSE
-0,077	0,315	-0,003	0,010	0,121	FALSE
-0,068	0,308	-0,003	0,012	0,099	FALSE
-0,072	0,307	-0,002	0,007	0,097	FALSE
-0,010	0,310	-0,001	0,007	0,031	FALSE
0,103	0,297	0,003	0,011	0,114	FALSE
-0,093	0,296	-0,003	0,010	0,105	FALSE
0,069	0,304	0,002	0,011	0,077	FALSE
0,036	0,291	0,001	0,011	0,027	FALSE
0,109	0,301	0,002	0,007	0,115	FALSE
0,205	0,284	0,007	0,010	0,298	FALSE
0,068	0,307	0,001	0,009	0,059	FALSE
-0,024	0,313	-0,001	0,008	0,034	FALSE
0,056	0,321	0,003	0,013	0,081	FALSE
0,070	0,311	0,002	0,008	0,098	FALSE
-0,115	0,306	-0,005	0,012	0,159	FALSE
0,003	0,305	0,001	0,013	0,034	FALSE
-0,001	0,303	0,000	0,013	0,005	FALSE
0,072	0,284	0,003	0,010	0,115	FALSE

0,039	0,311	0,002	0,009	0,067	FALSE
0,065	0,310	0,002	0,010	0,073	FALSE
0,015	0,311	0,000	0,009	0,007	FALSE
-0,100	0,318	-0,003	0,009	0,113	FALSE
-0,021	0,299	-0,001	0,011	0,017	FALSE
0,035	0,315	0,002	0,010	0,058	FALSE
-0,053	0,301	-0,002	0,010	0,079	FALSE
-0,013	0,315	-0,001	0,012	0,024	FALSE
-0,050	0,299	-0,001	0,008	0,060	FALSE
0,041	0,304	0,001	0,006	0,053	FALSE
-0,034	0,311	-0,001	0,006	0,054	FALSE
0,059	0,317	0,001	0,007	0,076	FALSE
0,063	0,309	0,003	0,010	0,101	FALSE
0,065	0,309	0,002	0,007	0,094	FALSE
0,061	0,297	0,003	0,010	0,111	FALSE
0,069	0,310	0,002	0,007	0,092	FALSE
0,077	0,308	0,002	0,007	0,104	FALSE
0,026	0,305	0,000	0,010	0,003	FALSE
0,053	0,309	0,002	0,008	0,071	FALSE
0,005	0,302	-0,001	0,009	0,025	FALSE
0,026	0,299	0,000	0,009	0,008	FALSE
0,106	0,300	0,002	0,007	0,129	FALSE
-0,091	0,302	-0,003	0,010	0,104	FALSE
-0,103	0,303	-0,002	0,006	0,129	FALSE
-0,050	0,308	-0,002	0,010	0,060	FALSE
0,046	0,311	0,002	0,009	0,067	FALSE
0,089	0,320	0,002	0,007	0,117	FALSE
0,079	0,321	0,003	0,012	0,086	FALSE
0,104	0,301	0,004	0,012	0,123	FALSE
-0,101	0,306	-0,003	0,009	0,139	FALSE
0,060	0,309	0,002	0,010	0,083	FALSE
-0,151	0,321	-0,003	0,007	0,175	FALSE
-0,052	0,303	-0,001	0,007	0,045	FALSE
0,062	0,314	0,002	0,007	0,101	FALSE
-0,113	0,313	-0,004	0,010	0,195	FALSE
0,179	0,297	0,006	0,009	0,284	FALSE
0,167	0,305	0,006	0,009	0,281	FALSE
-0,061	0,312	-0,001	0,006	0,054	FALSE
-0,163	0,310	-0,004	0,008	0,205	FALSE
0,130	0,305	0,004	0,010	0,180	FALSE
0,007	0,311	0,001	0,012	0,028	FALSE
0,121	0,311	0,004	0,010	0,172	FALSE
-0,034	0,307	-0,001	0,012	0,032	FALSE
0,009	0,318	0,001	0,011	0,017	FALSE
0,054	0,306	0,002	0,009	0,074	FALSE
0,037	0,308	0,001	0,009	0,042	FALSE
0,169	0,307	0,004	0,008	0,211	FALSE
0,021	0,305	0,001	0,009	0,026	FALSE
0,014	0,307	0,001	0,009	0,024	FALSE
-0,106	0,291	-0,002	0,006	0,129	FALSE
0,041	0,298	0,002	0,012	0,067	FALSE
-0,061	0,304	-0,001	0,008	0,056	FALSE
-0,159	0,302	-0,006	0,011	0,245	FALSE

-0,218	0,296	-0,010	0,013	0,373	FALSE
-0,101	0,308	-0,002	0,007	0,117	FALSE
-0,222	0,308	-0,010	0,013	0,374	FALSE
-0,206	0,303	-0,010	0,013	0,352	FALSE
-0,223	0,292	-0,010	0,013	0,369	FALSE
-0,230	0,293	-0,011	0,012	0,411	FALSE
-0,237	0,291	-0,011	0,013	0,421	FALSE
0,090	0,293	0,002	0,006	0,095	FALSE
-0,033	0,293	-0,001	0,007	0,045	FALSE
-0,033	0,301	-0,001	0,007	0,059	FALSE
-0,113	0,300	-0,005	0,012	0,175	FALSE
0,114	0,291	0,003	0,009	0,144	FALSE
0,039	0,314	0,001	0,013	0,034	FALSE
0,052	0,301	0,003	0,012	0,088	FALSE
-0,061	0,319	-0,002	0,012	0,072	FALSE
-0,018	0,314	-0,001	0,009	0,026	FALSE
0,015	0,306	0,001	0,013	0,021	FALSE
-0,013	0,303	0,000	0,007	0,004	FALSE
0,076	0,300	0,003	0,012	0,084	FALSE
-0,011	0,301	-0,001	0,011	0,033	FALSE
0,060	0,317	0,002	0,007	0,092	FALSE
0,056	0,300	0,000	0,007	0,011	FALSE
-0,111	0,303	-0,005	0,010	0,186	FALSE
0,115	0,301	0,003	0,007	0,149	FALSE
0,033	0,301	0,001	0,010	0,046	FALSE
0,037	0,312	0,001	0,012	0,023	FALSE
0,004	0,320	0,000	0,010	0,008	FALSE
-0,017	0,304	-0,001	0,007	0,039	FALSE
-0,133	0,298	-0,004	0,008	0,221	FALSE
-0,098	0,287	-0,003	0,008	0,169	FALSE
-0,055	0,317	-0,002	0,010	0,067	FALSE
-0,088	0,300	-0,003	0,008	0,138	FALSE
-0,030	0,317	-0,001	0,013	0,036	FALSE
-0,105	0,307	-0,002	0,008	0,125	FALSE
-0,001	0,311	0,000	0,009	0,016	FALSE
-0,126	0,313	-0,003	0,010	0,139	FALSE
-0,004	0,312	0,000	0,008	0,010	FALSE
0,028	0,323	0,001	0,012	0,039	FALSE
0,109	0,300	0,003	0,009	0,157	FALSE
0,026	0,301	0,001	0,006	0,053	FALSE
-0,039	0,310	0,000	0,007	0,021	FALSE
-0,022	0,307	-0,001	0,012	0,028	FALSE
-0,072	0,307	-0,001	0,007	0,057	FALSE
-0,063	0,311	-0,003	0,012	0,087	FALSE
0,045	0,319	0,002	0,012	0,062	FALSE
-0,046	0,316	-0,001	0,007	0,037	FALSE
-0,004	0,320	0,000	0,012	0,009	FALSE
0,042	0,311	0,001	0,008	0,047	FALSE
-0,084	0,313	-0,004	0,011	0,143	FALSE
-0,058	0,306	-0,003	0,011	0,099	FALSE
-0,118	0,313	-0,002	0,008	0,117	FALSE
-0,064	0,303	-0,003	0,012	0,107	FALSE
0,122	0,304	0,006	0,013	0,189	FALSE

0,089	0,310	0,003	0,012	0,102	FALSE
0,019	0,317	0,001	0,007	0,035	FALSE
0,009	0,305	0,000	0,007	0,008	FALSE
0,005	0,303	0,000	0,008	0,000	FALSE
0,004	0,297	0,000	0,013	0,005	FALSE
0,112	0,293	0,002	0,006	0,120	FALSE
-0,056	0,307	-0,002	0,009	0,085	FALSE
-0,119	0,302	-0,005	0,012	0,162	FALSE
-0,136	0,303	-0,006	0,012	0,191	FALSE
-0,129	0,314	-0,005	0,013	0,163	FALSE
-0,115	0,320	-0,005	0,013	0,143	FALSE
-0,029	0,313	-0,001	0,010	0,039	FALSE
-0,069	0,317	-0,002	0,007	0,093	FALSE
0,014	0,314	0,001	0,012	0,030	FALSE
-0,056	0,307	-0,002	0,010	0,071	FALSE
0,090	0,294	0,003	0,008	0,146	FALSE
-0,099	0,321	-0,004	0,011	0,139	FALSE
-0,076	0,306	-0,003	0,010	0,126	FALSE
-0,062	0,315	-0,002	0,010	0,071	FALSE
-0,006	0,299	0,000	0,009	0,006	FALSE
-0,042	0,311	-0,001	0,010	0,031	FALSE
0,020	0,323	0,001	0,010	0,021	FALSE
0,205	0,294	0,005	0,007	0,305	FALSE
0,202	0,293	0,008	0,012	0,299	FALSE
0,059	0,312	0,002	0,010	0,091	FALSE
0,037	0,304	0,001	0,007	0,036	FALSE
-0,071	0,307	-0,002	0,008	0,077	FALSE
0,014	0,306	0,001	0,011	0,024	FALSE
0,091	0,308	0,003	0,010	0,112	FALSE
-0,015	0,306	-0,001	0,010	0,022	FALSE
-0,027	0,312	0,000	0,011	0,014	FALSE
0,001	0,302	0,001	0,013	0,020	FALSE
0,000	0,320	0,000	0,007	0,010	FALSE
-0,050	0,317	-0,002	0,012	0,071	FALSE
-0,094	0,300	-0,002	0,009	0,102	FALSE
0,088	0,300	0,002	0,007	0,084	FALSE
-0,046	0,306	-0,002	0,013	0,050	FALSE
0,137	0,305	0,004	0,009	0,166	FALSE
-0,040	0,312	-0,001	0,010	0,027	FALSE
0,133	0,312	0,003	0,008	0,161	FALSE
-0,019	0,316	0,000	0,012	0,012	FALSE
-0,093	0,312	-0,002	0,007	0,112	FALSE
-0,049	0,311	-0,002	0,010	0,063	FALSE
0,022	0,312	0,001	0,012	0,036	FALSE
0,023	0,319	0,001	0,011	0,033	FALSE
0,004	0,302	0,001	0,009	0,028	FALSE
-0,043	0,312	-0,001	0,007	0,029	FALSE
-0,032	0,310	-0,001	0,012	0,024	FALSE
0,178	0,304	0,003	0,006	0,203	FALSE
0,159	0,292	0,003	0,007	0,187	FALSE
-0,024	0,299	-0,001	0,008	0,030	FALSE
-0,013	0,300	0,000	0,012	0,010	FALSE
0,007	0,315	0,000	0,008	0,015	FALSE

-0,166	0,299	-0,008	0,013	0,269	FALSE
0,022	0,316	0,001	0,009	0,033	FALSE
-0,108	0,315	-0,005	0,013	0,146	FALSE
-0,034	0,310	-0,001	0,013	0,022	FALSE
-0,141	0,302	-0,003	0,008	0,146	FALSE
0,061	0,305	0,004	0,013	0,118	FALSE
0,119	0,300	0,003	0,007	0,181	FALSE
-0,198	0,306	-0,006	0,010	0,261	FALSE
-0,049	0,312	-0,002	0,008	0,087	FALSE
-0,039	0,306	-0,001	0,012	0,035	FALSE
-0,084	0,305	-0,002	0,008	0,089	FALSE
-0,124	0,307	-0,005	0,012	0,172	FALSE
-0,085	0,305	-0,003	0,011	0,099	FALSE
-0,017	0,307	-0,001	0,013	0,025	FALSE
0,031	0,298	0,001	0,008	0,052	FALSE
-0,055	0,310	-0,002	0,011	0,075	FALSE
0,041	0,297	0,001	0,009	0,033	FALSE
0,065	0,310	0,001	0,009	0,062	FALSE
0,079	0,302	0,001	0,006	0,080	FALSE
0,118	0,313	0,003	0,008	0,136	FALSE
-0,070	0,316	-0,003	0,013	0,075	FALSE
0,007	0,303	0,000	0,010	0,018	FALSE
0,009	0,299	0,001	0,010	0,033	FALSE
-0,052	0,292	-0,001	0,011	0,044	FALSE
-0,028	0,309	-0,001	0,008	0,050	FALSE
-0,021	0,306	0,000	0,008	0,019	FALSE
-0,057	0,308	-0,001	0,008	0,053	FALSE
0,019	0,319	0,001	0,010	0,034	FALSE
-0,021	0,315	-0,001	0,012	0,020	FALSE
-0,067	0,309	-0,002	0,012	0,072	FALSE
-0,007	0,297	0,000	0,007	0,004	FALSE
-0,012	0,325	0,000	0,013	0,003	FALSE
-0,037	0,323	0,000	0,007	0,023	FALSE
-0,171	0,302	-0,004	0,007	0,245	FALSE
0,132	0,303	0,004	0,012	0,151	FALSE
-0,031	0,308	0,000	0,007	0,019	FALSE
0,037	0,309	0,001	0,006	0,038	FALSE
-0,020	0,300	0,000	0,011	0,011	FALSE
-0,047	0,306	-0,001	0,011	0,035	FALSE
0,048	0,311	0,002	0,011	0,072	FALSE
0,015	0,311	0,000	0,007	0,006	FALSE
0,017	0,295	0,000	0,008	0,000	FALSE
-0,031	0,302	-0,002	0,010	0,059	FALSE
0,009	0,304	0,000	0,013	0,014	FALSE
-0,007	0,319	0,000	0,007	0,001	FALSE
0,004	0,304	0,000	0,008	0,015	FALSE
-0,187	0,301	-0,007	0,011	0,262	FALSE
-0,017	0,309	0,000	0,009	0,008	FALSE
-0,041	0,309	-0,001	0,008	0,058	FALSE
-0,014	0,307	0,000	0,009	0,003	FALSE
-0,004	0,315	0,000	0,007	0,011	FALSE
0,016	0,328	0,000	0,008	0,013	FALSE
0,116	0,312	0,003	0,008	0,140	FALSE

0,100	0,314	0,004	0,011	0,129	FALSE
0,091	0,297	0,003	0,010	0,125	FALSE
0,112	0,312	0,003	0,009	0,140	FALSE
0,099	0,306	0,004	0,011	0,142	FALSE
-0,107	0,319	-0,004	0,012	0,125	FALSE
0,184	0,302	0,008	0,012	0,281	FALSE
0,070	0,307	0,002	0,007	0,114	FALSE
-0,024	0,315	-0,001	0,013	0,041	FALSE
0,171	0,295	0,006	0,013	0,210	FALSE
0,107	0,297	0,004	0,013	0,121	FALSE
-0,034	0,328	-0,001	0,012	0,037	FALSE
0,007	0,305	0,000	0,011	0,011	FALSE
0,096	0,305	0,002	0,010	0,086	FALSE
-0,080	0,308	-0,002	0,008	0,105	FALSE
-0,103	0,316	-0,003	0,011	0,121	FALSE
0,112	0,298	0,003	0,010	0,115	FALSE
0,063	0,310	0,002	0,009	0,105	FALSE
-0,028	0,309	-0,002	0,012	0,052	FALSE
0,047	0,297	0,001	0,006	0,035	FALSE
-0,094	0,310	-0,005	0,013	0,154	FALSE
-0,016	0,315	0,000	0,007	0,016	FALSE
-0,020	0,302	0,000	0,007	0,013	FALSE
-0,050	0,310	-0,001	0,008	0,045	FALSE
-0,006	0,320	-0,001	0,013	0,016	FALSE
0,045	0,309	0,002	0,008	0,075	FALSE
-0,110	0,300	-0,003	0,007	0,179	FALSE
-0,005	0,289	0,001	0,008	0,027	FALSE
-0,051	0,311	-0,001	0,009	0,055	FALSE
-0,059	0,317	-0,001	0,009	0,063	FALSE
0,120	0,296	0,003	0,006	0,242	FALSE
0,037	0,309	0,001	0,011	0,050	FALSE
-0,054	0,324	-0,001	0,008	0,061	FALSE
0,052	0,317	0,002	0,009	0,084	FALSE
-0,056	0,302	-0,001	0,008	0,036	FALSE
-0,056	0,293	-0,001	0,012	0,045	FALSE
-0,010	0,311	-0,001	0,012	0,029	FALSE
0,026	0,303	0,001	0,011	0,024	FALSE
0,109	0,311	0,003	0,008	0,145	FALSE
-0,049	0,305	-0,002	0,008	0,090	FALSE
0,099	0,304	0,003	0,009	0,137	FALSE
0,021	0,311	0,001	0,009	0,034	FALSE
-0,038	0,309	-0,001	0,010	0,030	FALSE
0,091	0,300	0,004	0,012	0,133	FALSE
-0,089	0,302	-0,003	0,008	0,134	FALSE
-0,065	0,309	-0,002	0,012	0,050	FALSE
-0,057	0,312	-0,001	0,011	0,040	FALSE
0,045	0,310	0,002	0,012	0,072	FALSE
0,085	0,293	0,003	0,010	0,130	FALSE
0,023	0,305	0,001	0,007	0,033	FALSE
0,077	0,297	0,002	0,009	0,079	FALSE
-0,057	0,305	-0,002	0,009	0,088	FALSE
0,037	0,305	0,001	0,010	0,051	FALSE
-0,031	0,303	-0,001	0,009	0,044	FALSE

-0,003	0,315	0,000	0,011	0,000	FALSE
0,026	0,301	0,001	0,010	0,037	FALSE
0,074	0,299	0,003	0,011	0,106	FALSE
-0,037	0,322	-0,001	0,011	0,038	FALSE
0,071	0,294	0,004	0,012	0,117	FALSE
0,107	0,326	0,004	0,010	0,152	FALSE
-0,019	0,311	-0,001	0,008	0,029	FALSE
-0,010	0,295	-0,001	0,012	0,024	FALSE
0,095	0,296	0,003	0,007	0,179	FALSE
-0,108	0,309	-0,005	0,013	0,157	FALSE
-0,039	0,301	-0,001	0,008	0,052	FALSE
-0,092	0,296	-0,004	0,013	0,126	FALSE
0,079	0,292	0,003	0,007	0,147	FALSE
0,018	0,300	0,000	0,012	0,002	FALSE
0,111	0,314	0,003	0,008	0,150	FALSE
0,071	0,317	0,003	0,012	0,087	FALSE
0,154	0,296	0,006	0,012	0,214	FALSE
-0,022	0,292	-0,001	0,007	0,043	FALSE
-0,081	0,299	-0,004	0,012	0,131	FALSE
-0,182	0,304	-0,005	0,008	0,271	FALSE
0,167	0,305	0,005	0,009	0,227	FALSE
-0,021	0,309	-0,001	0,008	0,029	FALSE
-0,066	0,305	-0,003	0,012	0,093	FALSE
-0,037	0,314	-0,002	0,012	0,072	FALSE
-0,049	0,317	-0,001	0,008	0,063	FALSE
0,021	0,308	0,000	0,012	0,007	FALSE
0,051	0,295	0,002	0,012	0,047	FALSE
-0,080	0,310	-0,002	0,008	0,103	FALSE
0,038	0,308	0,001	0,010	0,044	FALSE
-0,075	0,297	-0,001	0,006	0,067	FALSE
0,029	0,307	0,001	0,011	0,044	FALSE
0,014	0,323	0,000	0,013	0,003	FALSE
-0,022	0,313	-0,001	0,013	0,015	FALSE
-0,027	0,306	0,000	0,007	0,021	FALSE
0,155	0,308	0,004	0,008	0,195	FALSE
0,109	0,299	0,004	0,012	0,122	FALSE
-0,072	0,297	-0,003	0,010	0,102	FALSE
-0,099	0,296	-0,003	0,008	0,127	FALSE
-0,081	0,318	-0,002	0,009	0,094	FALSE
-0,034	0,300	-0,001	0,008	0,037	FALSE
-0,021	0,292	0,000	0,006	0,004	FALSE
-0,021	0,315	0,000	0,007	0,015	FALSE
-0,072	0,281	-0,002	0,009	0,097	FALSE
0,217	0,317	0,007	0,010	0,309	FALSE
-0,136	0,312	-0,006	0,013	0,198	FALSE
0,256	0,293	0,007	0,008	0,384	FALSE
-0,029	0,312	-0,001	0,013	0,038	FALSE
-0,003	0,302	0,000	0,011	0,001	FALSE
0,048	0,302	0,002	0,012	0,069	FALSE
-0,100	0,314	-0,003	0,010	0,125	FALSE
0,085	0,320	0,003	0,012	0,102	FALSE
0,131	0,309	0,005	0,012	0,159	FALSE
0,144	0,302	0,004	0,009	0,188	FALSE

0,073	0,299	0,002	0,011	0,084	FALSE
0,041	0,302	0,001	0,011	0,040	FALSE
-0,016	0,299	-0,001	0,008	0,023	FALSE
0,132	0,316	0,003	0,007	0,166	FALSE
0,085	0,308	0,002	0,009	0,081	FALSE
-0,048	0,311	-0,001	0,007	0,075	FALSE
-0,104	0,301	-0,002	0,007	0,104	FALSE
-0,026	0,313	-0,002	0,012	0,058	FALSE
-0,044	0,313	-0,003	0,013	0,081	FALSE
0,031	0,303	0,002	0,012	0,054	FALSE
-0,113	0,304	-0,005	0,012	0,166	FALSE
0,025	0,300	0,001	0,007	0,055	FALSE
-0,013	0,296	-0,001	0,008	0,031	FALSE
0,004	0,309	0,001	0,010	0,026	FALSE
-0,079	0,307	-0,002	0,008	0,108	FALSE
0,104	0,314	0,003	0,011	0,097	FALSE
0,053	0,314	0,001	0,010	0,023	FALSE
-0,023	0,314	0,000	0,006	0,017	FALSE
-0,086	0,315	-0,001	0,007	0,078	FALSE
-0,031	0,311	-0,001	0,007	0,028	FALSE
0,078	0,302	0,002	0,008	0,072	FALSE
0,028	0,296	0,000	0,011	0,014	FALSE
0,049	0,304	0,001	0,011	0,039	FALSE
0,120	0,304	0,005	0,011	0,185	FALSE
0,160	0,293	0,007	0,013	0,242	FALSE
0,128	0,283	0,006	0,013	0,182	FALSE
0,116	0,298	0,005	0,013	0,150	FALSE
0,060	0,310	0,002	0,007	0,090	FALSE
0,085	0,306	0,002	0,007	0,121	FALSE
-0,123	0,308	-0,005	0,010	0,194	FALSE
0,066	0,305	0,002	0,011	0,080	FALSE
-0,062	0,307	-0,003	0,009	0,121	FALSE
-0,117	0,309	-0,003	0,008	0,133	FALSE
-0,179	0,309	-0,008	0,013	0,293	FALSE
-0,055	0,304	-0,001	0,008	0,067	FALSE
0,007	0,303	0,000	0,006	0,009	FALSE
-0,020	0,299	0,000	0,010	0,015	FALSE
-0,022	0,310	-0,001	0,008	0,043	FALSE
-0,095	0,314	-0,003	0,009	0,132	FALSE
-0,020	0,309	0,001	0,009	0,024	FALSE
-0,193	0,290	-0,008	0,011	0,330	FALSE
-0,022	0,309	0,000	0,006	0,026	FALSE
0,052	0,313	0,002	0,010	0,080	FALSE
0,016	0,310	0,001	0,011	0,029	FALSE
0,013	0,323	0,000	0,013	0,002	FALSE
-0,127	0,302	-0,004	0,010	0,147	FALSE
0,022	0,302	0,000	0,007	0,012	FALSE
0,124	0,291	0,003	0,007	0,162	FALSE
-0,016	0,299	-0,001	0,010	0,022	FALSE
0,164	0,289	0,004	0,006	0,249	FALSE
0,105	0,305	0,002	0,008	0,119	FALSE
-0,007	0,297	-0,001	0,012	0,021	FALSE
0,067	0,305	0,002	0,007	0,085	FALSE

0,049	0,315	0,001	0,007	0,081	FALSE
0,091	0,309	0,005	0,013	0,150	FALSE
-0,072	0,306	-0,002	0,007	0,091	FALSE
0,150	0,309	0,005	0,012	0,181	FALSE
-0,080	0,304	-0,002	0,009	0,093	FALSE
0,043	0,301	0,002	0,008	0,086	FALSE
0,108	0,311	0,004	0,012	0,127	FALSE
0,119	0,294	0,004	0,012	0,133	FALSE
-0,056	0,309	-0,001	0,007	0,057	FALSE
-0,014	0,311	0,000	0,007	0,003	FALSE
0,149	0,301	0,005	0,009	0,224	FALSE
-0,147	0,309	-0,008	0,013	0,270	FALSE
0,147	0,296	0,005	0,013	0,154	FALSE
-0,039	0,315	-0,001	0,006	0,038	FALSE
0,103	0,298	0,002	0,007	0,129	FALSE
0,054	0,303	0,001	0,007	0,054	FALSE
0,048	0,293	0,001	0,007	0,047	FALSE
-0,125	0,300	-0,003	0,008	0,142	FALSE
0,045	0,316	0,001	0,007	0,045	FALSE
0,026	0,299	0,001	0,007	0,076	FALSE
0,018	0,305	0,001	0,007	0,056	FALSE
0,027	0,306	0,001	0,008	0,069	FALSE
0,135	0,319	0,004	0,010	0,175	FALSE
0,039	0,324	0,002	0,008	0,078	FALSE
0,060	0,324	0,002	0,009	0,081	FALSE
-0,059	0,306	-0,001	0,008	0,050	FALSE
-0,053	0,306	-0,003	0,012	0,107	FALSE
-0,037	0,313	-0,003	0,013	0,077	FALSE
0,010	0,304	0,000	0,007	0,007	FALSE
-0,031	0,315	-0,001	0,007	0,044	FALSE
-0,104	0,314	-0,003	0,007	0,157	FALSE
0,071	0,312	0,003	0,013	0,084	FALSE
0,099	0,303	0,004	0,012	0,114	FALSE
-0,057	0,295	-0,002	0,007	0,100	FALSE
-0,014	0,302	0,000	0,007	0,010	FALSE
0,002	0,310	0,000	0,007	0,009	FALSE
-0,125	0,307	-0,006	0,012	0,207	FALSE
-0,098	0,301	-0,004	0,011	0,161	FALSE
0,062	0,297	0,002	0,013	0,068	FALSE
-0,060	0,298	-0,002	0,008	0,090	FALSE
-0,044	0,303	-0,002	0,010	0,056	FALSE
0,057	0,310	0,002	0,007	0,092	FALSE
0,106	0,309	0,005	0,012	0,159	FALSE
0,076	0,318	0,004	0,012	0,114	FALSE
0,051	0,301	0,001	0,009	0,034	FALSE
-0,016	0,302	0,000	0,010	0,003	FALSE
-0,038	0,311	-0,002	0,009	0,068	FALSE
0,035	0,310	0,001	0,009	0,050	FALSE
-0,117	0,332	-0,004	0,012	0,131	FALSE
-0,015	0,309	-0,001	0,012	0,038	FALSE
0,070	0,305	0,002	0,013	0,070	FALSE
0,068	0,306	0,002	0,013	0,057	FALSE
0,023	0,304	0,001	0,006	0,029	FALSE

0,035	0,298	0,000	0,009	0,020	FALSE
0,051	0,312	0,001	0,012	0,037	FALSE
0,091	0,301	0,002	0,007	0,126	FALSE
-0,033	0,305	-0,002	0,012	0,062	FALSE
0,053	0,319	0,001	0,009	0,061	FALSE
-0,026	0,297	0,000	0,006	0,014	FALSE
0,088	0,305	0,003	0,013	0,102	FALSE
0,086	0,312	0,003	0,012	0,103	FALSE
0,041	0,302	0,000	0,007	0,020	FALSE
-0,004	0,307	0,000	0,012	0,000	FALSE
0,000	0,329	0,000	0,007	0,003	FALSE
0,012	0,301	0,000	0,009	0,001	FALSE
-0,003	0,317	0,000	0,009	0,007	FALSE
0,012	0,306	0,000	0,012	0,013	FALSE
-0,045	0,321	-0,001	0,008	0,054	FALSE
0,026	0,312	0,000	0,008	0,014	FALSE
-0,036	0,299	-0,002	0,012	0,073	FALSE
-0,045	0,313	-0,003	0,012	0,079	FALSE
-0,125	0,305	-0,002	0,006	0,143	FALSE
-0,011	0,304	0,000	0,012	0,001	FALSE
-0,058	0,299	-0,001	0,010	0,052	FALSE
0,107	0,310	0,005	0,012	0,146	FALSE
-0,027	0,307	-0,001	0,011	0,030	FALSE
-0,026	0,320	-0,001	0,009	0,040	FALSE
-0,115	0,306	-0,004	0,010	0,150	FALSE
0,009	0,323	0,001	0,010	0,024	FALSE
0,147	0,294	0,006	0,013	0,188	FALSE
0,011	0,313	0,000	0,007	0,004	FALSE
-0,037	0,318	-0,001	0,008	0,042	FALSE
-0,117	0,308	-0,003	0,008	0,149	FALSE
0,124	0,299	0,004	0,009	0,203	FALSE
-0,031	0,314	-0,001	0,011	0,022	FALSE
-0,032	0,302	-0,002	0,011	0,059	FALSE
-0,096	0,304	-0,003	0,010	0,098	FALSE
-0,100	0,306	-0,002	0,010	0,098	FALSE
-0,033	0,307	0,000	0,007	0,017	FALSE
-0,070	0,305	-0,002	0,007	0,080	FALSE
-0,094	0,309	-0,002	0,008	0,106	FALSE
0,137	0,301	0,003	0,006	0,209	FALSE
-0,045	0,303	-0,002	0,010	0,055	FALSE
-0,089	0,300	-0,003	0,013	0,090	FALSE
-0,068	0,304	-0,002	0,012	0,063	FALSE
-0,081	0,310	-0,001	0,007	0,076	FALSE
0,057	0,309	0,002	0,007	0,095	FALSE
0,226	0,299	0,007	0,008	0,386	FALSE
-0,022	0,310	-0,001	0,012	0,033	FALSE
0,037	0,296	0,002	0,011	0,065	FALSE
-0,061	0,303	-0,002	0,009	0,105	FALSE
-0,004	0,295	-0,002	0,012	0,059	FALSE
0,058	0,307	0,004	0,013	0,121	FALSE
-0,037	0,300	-0,003	0,013	0,087	FALSE
-0,028	0,314	0,000	0,007	0,013	FALSE
-0,045	0,300	-0,002	0,012	0,053	FALSE

0,020	0,295	0,001	0,010	0,053	FALSE
-0,058	0,307	-0,002	0,012	0,047	FALSE
-0,075	0,305	-0,002	0,008	0,109	FALSE
-0,013	0,311	0,000	0,008	0,002	FALSE
-0,027	0,311	0,000	0,010	0,014	FALSE
-0,123	0,302	-0,003	0,007	0,146	FALSE
0,014	0,304	0,000	0,010	0,003	FALSE
0,032	0,309	0,001	0,010	0,018	FALSE
0,030	0,308	0,000	0,010	0,016	FALSE
-0,158	0,306	-0,004	0,008	0,221	FALSE
-0,105	0,313	-0,003	0,007	0,133	FALSE
-0,009	0,314	-0,001	0,011	0,033	FALSE
-0,089	0,303	-0,004	0,013	0,111	FALSE
0,030	0,302	0,001	0,006	0,079	FALSE
0,063	0,302	0,003	0,011	0,095	FALSE
-0,032	0,312	-0,001	0,008	0,060	FALSE
-0,068	0,309	-0,002	0,008	0,093	FALSE
0,104	0,288	0,002	0,007	0,148	FALSE
-0,130	0,307	-0,004	0,011	0,171	FALSE
-0,127	0,301	-0,004	0,010	0,163	FALSE
-0,153	0,302	-0,006	0,013	0,197	FALSE
-0,197	0,290	-0,008	0,013	0,287	FALSE
-0,027	0,309	-0,001	0,012	0,029	FALSE
-0,014	0,307	0,000	0,009	0,018	FALSE
0,060	0,315	0,002	0,007	0,081	FALSE
0,033	0,309	0,001	0,007	0,057	FALSE
0,006	0,312	0,000	0,013	0,009	FALSE
0,097	0,315	0,004	0,013	0,131	FALSE
0,083	0,300	0,002	0,007	0,148	FALSE
0,088	0,311	0,003	0,008	0,136	FALSE
0,150	0,300	0,006	0,011	0,220	FALSE
-0,046	0,322	-0,001	0,007	0,050	FALSE
0,130	0,298	0,003	0,006	0,171	FALSE
-0,061	0,301	-0,002	0,009	0,076	FALSE
-0,076	0,306	-0,003	0,010	0,095	FALSE
-0,001	0,310	0,000	0,007	0,003	FALSE
0,016	0,299	0,001	0,008	0,031	FALSE
-0,029	0,315	-0,001	0,007	0,046	FALSE
0,047	0,308	0,002	0,007	0,093	FALSE
0,092	0,307	0,003	0,009	0,138	FALSE
0,075	0,312	0,002	0,009	0,101	FALSE
-0,122	0,308	-0,004	0,011	0,169	FALSE
-0,083	0,290	-0,003	0,012	0,111	FALSE
0,026	0,308	0,001	0,007	0,031	FALSE
-0,173	0,299	-0,005	0,010	0,220	FALSE
0,030	0,314	0,002	0,008	0,077	FALSE
0,003	0,308	0,000	0,010	0,007	FALSE
-0,110	0,303	-0,004	0,012	0,126	FALSE
-0,058	0,306	-0,003	0,013	0,083	FALSE
-0,054	0,302	-0,002	0,013	0,067	FALSE
0,061	0,297	0,002	0,008	0,074	FALSE
0,084	0,297	0,003	0,012	0,088	FALSE
0,017	0,303	0,001	0,007	0,037	FALSE

-0,080	0,316	-0,001	0,010	0,050	FALSE
-0,070	0,316	-0,002	0,009	0,084	FALSE
-0,024	0,293	-0,001	0,007	0,035	FALSE
-0,057	0,297	-0,002	0,007	0,083	FALSE
-0,037	0,306	-0,001	0,007	0,035	FALSE
-0,058	0,296	-0,001	0,007	0,076	FALSE
0,050	0,322	0,003	0,013	0,074	FALSE
-0,070	0,310	-0,002	0,012	0,061	FALSE
0,035	0,310	0,001	0,011	0,046	FALSE
-0,090	0,306	-0,003	0,013	0,101	FALSE
0,036	0,313	0,001	0,008	0,025	FALSE
0,075	0,301	0,002	0,010	0,079	FALSE
-0,022	0,304	0,000	0,007	0,010	FALSE
0,003	0,324	0,000	0,007	0,017	FALSE
-0,050	0,321	-0,002	0,013	0,066	FALSE
-0,063	0,319	-0,003	0,013	0,078	FALSE
0,082	0,306	0,004	0,013	0,109	FALSE
-0,049	0,306	-0,001	0,006	0,062	FALSE
-0,112	0,294	-0,003	0,008	0,158	FALSE
0,015	0,307	0,001	0,010	0,019	FALSE
0,153	0,296	0,004	0,007	0,236	FALSE
0,080	0,306	0,002	0,009	0,094	FALSE
-0,042	0,296	-0,001	0,007	0,052	FALSE
0,036	0,313	0,001	0,012	0,024	FALSE
-0,006	0,311	0,000	0,008	0,010	FALSE
-0,028	0,315	0,000	0,008	0,002	FALSE
0,050	0,302	0,002	0,011	0,061	FALSE
-0,039	0,316	-0,001	0,007	0,025	FALSE
0,084	0,294	0,002	0,007	0,112	FALSE
0,086	0,311	0,004	0,011	0,131	FALSE
-0,047	0,299	-0,001	0,007	0,068	FALSE
0,014	0,293	0,001	0,012	0,030	FALSE
-0,007	0,316	0,000	0,009	0,005	FALSE
-0,052	0,319	-0,002	0,011	0,056	FALSE
-0,040	0,294	-0,001	0,006	0,067	FALSE
0,051	0,302	0,002	0,012	0,068	FALSE
0,089	0,305	0,002	0,009	0,100	FALSE
0,114	0,313	0,004	0,013	0,139	FALSE
-0,077	0,301	-0,003	0,010	0,107	FALSE
-0,074	0,308	-0,003	0,012	0,096	FALSE
0,041	0,303	0,002	0,012	0,069	FALSE
0,073	0,298	0,002	0,006	0,113	FALSE
0,054	0,302	0,002	0,009	0,063	FALSE
0,049	0,300	0,001	0,007	0,061	FALSE
-0,064	0,306	-0,001	0,006	0,058	FALSE
-0,080	0,307	-0,002	0,010	0,072	FALSE
0,085	0,312	0,004	0,012	0,134	FALSE
0,063	0,305	0,001	0,009	0,059	FALSE
0,049	0,319	0,002	0,012	0,048	FALSE
0,026	0,318	0,001	0,012	0,031	FALSE
0,021	0,299	0,001	0,009	0,042	FALSE
0,003	0,311	-0,001	0,012	0,018	FALSE
0,005	0,307	0,001	0,009	0,029	FALSE

0,084	0,292	0,001	0,010	0,053	FALSE
-0,069	0,308	-0,001	0,006	0,069	FALSE
-0,071	0,314	-0,002	0,013	0,059	FALSE
-0,023	0,310	-0,001	0,011	0,044	FALSE
0,129	0,296	0,005	0,009	0,208	FALSE
-0,053	0,310	-0,001	0,008	0,054	FALSE
-0,104	0,307	-0,002	0,007	0,141	FALSE
0,141	0,297	0,005	0,011	0,183	FALSE
0,057	0,311	0,001	0,011	0,036	FALSE
-0,013	0,289	-0,001	0,007	0,045	FALSE
0,070	0,308	0,002	0,009	0,081	FALSE
0,034	0,304	0,001	0,011	0,040	FALSE
-0,083	0,313	-0,004	0,011	0,141	FALSE
0,049	0,299	0,002	0,010	0,080	FALSE
-0,017	0,308	-0,001	0,012	0,030	FALSE
0,101	0,308	0,003	0,010	0,134	FALSE
0,004	0,322	0,001	0,008	0,030	FALSE
-0,002	0,317	0,000	0,008	0,017	FALSE
0,103	0,312	0,002	0,007	0,104	FALSE
0,087	0,308	0,002	0,008	0,100	FALSE
-0,009	0,313	0,000	0,007	0,001	FALSE
-0,060	0,296	-0,003	0,011	0,087	FALSE
0,017	0,299	0,001	0,007	0,031	FALSE
-0,002	0,309	0,000	0,009	0,008	FALSE
0,023	0,296	0,000	0,007	0,023	FALSE
0,008	0,321	0,000	0,008	0,010	FALSE
0,059	0,301	0,003	0,012	0,081	FALSE
0,045	0,309	0,002	0,008	0,078	FALSE
-0,030	0,301	-0,001	0,013	0,017	FALSE
-0,221	0,301	-0,010	0,013	0,354	FALSE
-0,080	0,314	-0,003	0,010	0,112	FALSE
-0,078	0,318	-0,002	0,008	0,086	FALSE
-0,034	0,320	-0,001	0,010	0,052	FALSE
0,073	0,296	0,002	0,009	0,095	FALSE
-0,141	0,299	-0,003	0,008	0,178	FALSE
0,050	0,308	0,001	0,008	0,061	FALSE
-0,246	0,295	-0,011	0,013	0,413	FALSE
-0,026	0,323	0,000	0,009	0,014	FALSE
0,064	0,293	0,002	0,008	0,076	FALSE
-0,040	0,306	-0,001	0,009	0,030	FALSE
-0,043	0,311	-0,001	0,007	0,056	FALSE
0,064	0,311	0,001	0,008	0,050	FALSE
0,021	0,298	0,000	0,012	0,007	FALSE
-0,021	0,327	0,000	0,007	0,025	FALSE
0,138	0,296	0,003	0,006	0,217	FALSE
-0,061	0,312	-0,001	0,008	0,057	FALSE
0,015	0,318	0,000	0,011	0,002	FALSE
0,135	0,316	0,002	0,006	0,153	FALSE
0,019	0,298	0,000	0,008	0,022	FALSE
-0,050	0,315	-0,001	0,007	0,041	FALSE
-0,084	0,310	-0,003	0,011	0,102	FALSE
-0,013	0,306	0,000	0,012	0,012	FALSE
-0,065	0,319	-0,001	0,007	0,062	FALSE

-0,017	0,311	-0,001	0,007	0,026	FALSE
-0,005	0,299	-0,001	0,012	0,024	FALSE
0,033	0,306	0,001	0,013	0,029	FALSE
0,015	0,311	0,000	0,012	0,010	FALSE
-0,075	0,307	-0,004	0,012	0,131	FALSE
0,079	0,319	0,002	0,013	0,065	FALSE
0,014	0,318	0,001	0,012	0,019	FALSE
-0,004	0,309	0,000	0,012	0,001	FALSE
0,039	0,306	0,002	0,012	0,048	FALSE
0,017	0,307	0,000	0,012	0,013	FALSE
0,018	0,313	0,001	0,011	0,043	FALSE
-0,043	0,304	-0,001	0,011	0,028	FALSE
0,023	0,316	0,001	0,007	0,043	FALSE
-0,024	0,296	0,000	0,008	0,003	FALSE
0,002	0,319	0,000	0,009	0,012	FALSE
-0,020	0,325	-0,001	0,008	0,033	FALSE
0,080	0,306	0,002	0,008	0,090	FALSE
0,033	0,325	0,001	0,010	0,027	FALSE
0,068	0,302	0,002	0,009	0,083	FALSE
-0,046	0,297	-0,001	0,007	0,042	FALSE
0,080	0,325	0,002	0,010	0,084	FALSE
0,071	0,306	0,002	0,009	0,075	FALSE
-0,089	0,296	-0,004	0,012	0,128	FALSE
-0,048	0,318	0,000	0,007	0,020	FALSE
-0,011	0,305	0,001	0,007	0,026	FALSE
0,002	0,311	0,001	0,008	0,037	FALSE
0,024	0,313	0,001	0,008	0,058	FALSE
-0,100	0,314	-0,002	0,007	0,111	FALSE
-0,032	0,302	-0,001	0,007	0,027	FALSE
-0,001	0,307	0,000	0,009	0,007	FALSE
-0,002	0,314	0,000	0,009	0,003	FALSE
-0,022	0,307	-0,001	0,009	0,024	FALSE
0,097	0,308	0,003	0,011	0,119	FALSE
0,125	0,305	0,005	0,011	0,187	FALSE
-0,011	0,301	0,000	0,008	0,015	FALSE
-0,026	0,310	-0,001	0,007	0,027	FALSE
-0,104	0,313	-0,003	0,008	0,139	FALSE
0,066	0,314	0,002	0,012	0,074	FALSE
0,081	0,314	0,003	0,009	0,104	FALSE
0,108	0,313	0,003	0,009	0,160	FALSE
0,025	0,303	0,000	0,012	0,004	FALSE
0,081	0,290	0,002	0,009	0,089	FALSE
0,077	0,288	0,002	0,009	0,090	FALSE
0,062	0,281	0,001	0,009	0,060	FALSE
-0,013	0,318	0,000	0,008	0,002	FALSE
0,077	0,280	0,002	0,009	0,086	FALSE
-0,044	0,306	-0,001	0,008	0,034	FALSE
0,069	0,324	0,003	0,010	0,094	FALSE
0,076	0,281	0,002	0,009	0,073	FALSE
-0,006	0,311	0,000	0,006	0,003	FALSE
0,057	0,323	0,002	0,013	0,068	FALSE
-0,041	0,312	-0,001	0,008	0,042	FALSE
-0,022	0,309	-0,001	0,009	0,022	FALSE

0,032	0,277	0,000	0,011	0,003	FALSE
0,039	0,294	0,002	0,013	0,048	FALSE
-0,155	0,312	-0,006	0,011	0,236	FALSE
-0,103	0,319	-0,004	0,012	0,115	FALSE
-0,054	0,302	0,000	0,012	0,012	FALSE
-0,115	0,304	-0,003	0,007	0,155	FALSE
0,116	0,296	0,004	0,010	0,178	FALSE
0,121	0,324	0,005	0,013	0,134	FALSE
0,024	0,312	0,001	0,008	0,051	FALSE
0,160	0,288	0,004	0,007	0,258	FALSE
-0,027	0,317	-0,002	0,013	0,060	FALSE
-0,075	0,317	-0,002	0,007	0,101	FALSE
-0,025	0,304	-0,001	0,011	0,034	FALSE
-0,102	0,309	-0,003	0,013	0,095	FALSE
-0,051	0,318	-0,001	0,011	0,032	FALSE
-0,080	0,306	-0,002	0,011	0,081	FALSE
-0,090	0,311	-0,003	0,011	0,093	FALSE
-0,089	0,308	-0,003	0,011	0,107	FALSE
-0,091	0,313	-0,003	0,011	0,105	FALSE
-0,098	0,318	-0,003	0,011	0,119	FALSE
-0,115	0,317	-0,004	0,012	0,120	FALSE
-0,052	0,302	-0,002	0,012	0,076	FALSE
-0,013	0,308	-0,001	0,013	0,036	FALSE
-0,129	0,324	-0,004	0,009	0,164	FALSE
-0,114	0,302	-0,003	0,008	0,149	FALSE
-0,043	0,298	-0,002	0,012	0,053	FALSE
0,019	0,318	0,001	0,009	0,024	FALSE
-0,058	0,304	-0,002	0,012	0,073	FALSE
-0,017	0,322	0,000	0,012	0,007	FALSE
-0,018	0,289	0,000	0,011	0,011	FALSE
-0,100	0,296	-0,002	0,007	0,130	FALSE
-0,076	0,301	-0,002	0,012	0,078	FALSE
-0,043	0,306	-0,001	0,011	0,033	FALSE
-0,020	0,321	-0,001	0,010	0,024	FALSE
0,068	0,307	0,002	0,008	0,094	FALSE
0,012	0,297	0,000	0,011	0,004	FALSE
-0,033	0,292	-0,001	0,006	0,041	FALSE
-0,152	0,299	-0,004	0,011	0,157	FALSE
0,052	0,307	0,002	0,009	0,063	FALSE
0,123	0,299	0,004	0,011	0,142	FALSE
-0,061	0,320	-0,001	0,007	0,054	FALSE
-0,060	0,319	-0,001	0,009	0,052	FALSE
-0,079	0,307	-0,002	0,008	0,082	FALSE
-0,016	0,313	-0,001	0,008	0,045	FALSE
-0,015	0,300	-0,001	0,009	0,031	FALSE
-0,041	0,305	-0,002	0,012	0,053	FALSE
-0,003	0,325	-0,001	0,013	0,014	FALSE
-0,007	0,308	-0,001	0,012	0,022	FALSE
-0,044	0,314	-0,002	0,013	0,062	FALSE
-0,108	0,311	-0,004	0,009	0,154	FALSE
-0,125	0,307	-0,004	0,009	0,198	FALSE
-0,032	0,310	-0,001	0,008	0,034	FALSE
0,148	0,307	0,007	0,013	0,234	FALSE

0,158	0,301	0,004	0,008	0,205	FALSE
-0,021	0,306	-0,001	0,008	0,027	FALSE
0,004	0,309	0,000	0,008	0,008	FALSE
-0,005	0,308	-0,001	0,010	0,032	FALSE
-0,088	0,310	-0,003	0,011	0,101	FALSE
-0,036	0,295	-0,001	0,006	0,050	FALSE
0,031	0,310	0,001	0,011	0,031	FALSE
-0,141	0,305	-0,003	0,007	0,170	FALSE
0,258	0,301	0,010	0,012	0,402	FALSE
-0,049	0,299	-0,001	0,007	0,058	FALSE
-0,082	0,303	-0,004	0,013	0,113	FALSE
-0,205	0,288	-0,004	0,006	0,294	FALSE
0,056	0,307	0,001	0,007	0,075	FALSE
0,059	0,328	0,002	0,008	0,081	FALSE
-0,033	0,300	-0,001	0,007	0,068	FALSE
-0,105	0,304	-0,003	0,008	0,143	FALSE
-0,207	0,301	-0,007	0,010	0,287	FALSE
-0,082	0,306	-0,002	0,008	0,100	FALSE
-0,086	0,295	-0,002	0,009	0,109	FALSE
-0,046	0,303	-0,001	0,007	0,029	FALSE
0,004	0,316	0,000	0,007	0,016	FALSE
-0,037	0,330	-0,001	0,007	0,050	FALSE
-0,033	0,312	-0,001	0,010	0,053	FALSE
0,047	0,313	0,003	0,013	0,083	FALSE
0,006	0,303	0,001	0,012	0,032	FALSE
-0,031	0,330	-0,001	0,009	0,041	FALSE
-0,078	0,293	-0,005	0,013	0,154	FALSE
0,013	0,325	0,001	0,010	0,022	FALSE
-0,054	0,300	0,000	0,007	0,024	FALSE
0,090	0,312	0,004	0,012	0,137	FALSE
0,070	0,315	0,003	0,012	0,114	FALSE
-0,165	0,312	-0,005	0,010	0,224	FALSE
0,084	0,305	0,004	0,010	0,138	FALSE
0,155	0,313	0,006	0,013	0,203	FALSE
-0,050	0,320	-0,001	0,009	0,061	FALSE
-0,011	0,301	-0,001	0,011	0,031	FALSE
0,122	0,297	0,003	0,007	0,194	FALSE
0,006	0,327	0,000	0,011	0,003	FALSE
-0,045	0,315	-0,002	0,010	0,060	FALSE
-0,072	0,310	-0,002	0,011	0,075	FALSE
0,039	0,325	0,001	0,008	0,061	FALSE
0,014	0,313	0,000	0,007	0,019	FALSE
0,043	0,314	0,001	0,007	0,062	FALSE
0,038	0,307	0,001	0,007	0,047	FALSE
-0,024	0,317	-0,001	0,008	0,023	FALSE
0,002	0,315	0,000	0,007	0,018	FALSE
-0,024	0,322	-0,001	0,010	0,024	FALSE
-0,006	0,309	0,000	0,010	0,014	FALSE
0,131	0,305	0,003	0,007	0,193	FALSE
-0,075	0,311	-0,002	0,007	0,106	FALSE
-0,142	0,303	-0,003	0,006	0,205	FALSE
-0,042	0,307	-0,001	0,007	0,047	FALSE
-0,096	0,308	-0,004	0,013	0,133	FALSE

0,014	0,302	0,000	0,012	0,007	FALSE
-0,099	0,306	-0,003	0,009	0,111	FALSE
-0,082	0,309	-0,002	0,009	0,079	FALSE
-0,163	0,304	-0,004	0,008	0,221	FALSE
0,034	0,304	0,001	0,009	0,035	FALSE
0,147	0,303	0,005	0,010	0,192	FALSE
0,035	0,318	0,001	0,010	0,039	FALSE
-0,069	0,312	-0,003	0,013	0,090	FALSE
-0,033	0,315	0,000	0,010	0,009	FALSE
0,059	0,307	0,001	0,009	0,064	FALSE
0,033	0,302	0,001	0,010	0,037	FALSE
-0,032	0,311	-0,001	0,007	0,028	FALSE
0,076	0,310	0,002	0,008	0,108	FALSE
-0,177	0,299	-0,007	0,012	0,248	FALSE
-0,097	0,295	-0,003	0,010	0,127	FALSE
0,052	0,313	0,001	0,007	0,075	FALSE
-0,097	0,314	-0,002	0,008	0,076	FALSE
-0,056	0,310	-0,001	0,008	0,041	FALSE
0,020	0,293	0,001	0,010	0,020	FALSE
-0,001	0,307	-0,001	0,009	0,024	FALSE
-0,014	0,308	-0,001	0,011	0,038	FALSE
0,005	0,304	0,000	0,007	0,001	FALSE
0,103	0,321	0,003	0,013	0,097	FALSE
-0,022	0,295	-0,001	0,012	0,043	FALSE
0,049	0,297	0,002	0,008	0,086	FALSE
0,026	0,309	0,002	0,013	0,062	FALSE
0,135	0,281	0,004	0,007	0,231	FALSE
0,034	0,295	0,000	0,010	0,002	FALSE
-0,008	0,314	0,000	0,012	0,009	FALSE
0,059	0,310	0,001	0,013	0,030	FALSE
0,116	0,306	0,002	0,007	0,123	FALSE
0,001	0,307	0,000	0,011	0,005	FALSE
0,068	0,305	0,003	0,012	0,089	FALSE
-0,067	0,301	-0,002	0,009	0,102	FALSE
-0,010	0,318	0,000	0,009	0,010	FALSE
-0,065	0,318	-0,002	0,010	0,081	FALSE
0,089	0,304	0,003	0,008	0,126	FALSE
0,095	0,303	0,004	0,012	0,125	FALSE
0,035	0,312	0,001	0,010	0,048	FALSE
0,067	0,305	0,002	0,012	0,066	FALSE
0,055	0,304	0,002	0,007	0,081	FALSE
0,025	0,306	0,001	0,010	0,036	FALSE
0,041	0,314	0,001	0,008	0,051	FALSE
0,059	0,309	0,002	0,010	0,063	FALSE
0,034	0,310	0,002	0,012	0,047	FALSE
-0,076	0,305	-0,002	0,009	0,101	FALSE
-0,056	0,314	-0,001	0,007	0,070	FALSE
0,055	0,309	0,001	0,007	0,044	FALSE
-0,088	0,315	-0,004	0,012	0,120	FALSE
0,028	0,302	0,000	0,011	0,007	FALSE
-0,152	0,318	-0,005	0,009	0,213	FALSE
0,018	0,311	0,001	0,007	0,028	FALSE
0,091	0,311	0,002	0,008	0,086	FALSE

0,022	0,310	0,001	0,008	0,042	FALSE
0,053	0,300	0,001	0,006	0,056	FALSE
-0,013	0,296	0,000	0,007	0,006	FALSE
-0,010	0,303	-0,001	0,012	0,015	FALSE
0,110	0,317	0,003	0,010	0,143	FALSE
-0,015	0,309	0,000	0,007	0,002	FALSE
-0,023	0,302	0,000	0,007	0,009	FALSE
0,071	0,306	0,002	0,007	0,105	FALSE
-0,218	0,298	-0,008	0,011	0,317	FALSE
0,030	0,318	0,001	0,007	0,050	FALSE
0,014	0,313	0,000	0,007	0,024	FALSE
0,029	0,308	0,001	0,010	0,036	FALSE
-0,023	0,308	-0,001	0,006	0,030	FALSE
-0,011	0,306	-0,001	0,010	0,036	FALSE
0,005	0,310	0,000	0,012	0,004	FALSE
-0,006	0,301	0,000	0,006	0,007	FALSE
0,029	0,305	0,000	0,007	0,010	FALSE
0,079	0,295	0,002	0,006	0,145	FALSE
-0,082	0,303	-0,002	0,007	0,106	FALSE
0,047	0,306	0,001	0,009	0,053	FALSE
0,056	0,313	0,002	0,008	0,095	FALSE
-0,036	0,305	0,000	0,007	0,007	FALSE
0,092	0,320	0,002	0,008	0,074	FALSE
-0,110	0,311	-0,003	0,007	0,140	FALSE
0,087	0,307	0,003	0,008	0,134	FALSE
-0,093	0,314	-0,002	0,007	0,134	FALSE
-0,163	0,301	-0,006	0,013	0,197	FALSE
-0,040	0,308	-0,002	0,010	0,054	FALSE
0,118	0,307	0,004	0,011	0,137	FALSE
0,003	0,308	0,000	0,011	0,006	FALSE
0,003	0,328	0,000	0,013	0,011	FALSE
-0,072	0,298	-0,003	0,011	0,088	FALSE
-0,071	0,299	-0,003	0,012	0,093	FALSE
0,093	0,320	0,002	0,009	0,107	FALSE
-0,098	0,306	-0,004	0,013	0,116	FALSE
-0,007	0,308	-0,001	0,012	0,017	FALSE
0,140	0,286	0,003	0,007	0,194	FALSE
-0,013	0,311	0,000	0,011	0,015	FALSE
-0,071	0,308	-0,002	0,012	0,076	FALSE
-0,007	0,297	0,000	0,006	0,011	FALSE
0,001	0,308	0,000	0,008	0,014	FALSE
0,039	0,302	0,001	0,012	0,038	FALSE
0,106	0,300	0,003	0,007	0,153	FALSE
0,038	0,328	0,001	0,009	0,051	FALSE
-0,044	0,303	-0,002	0,013	0,067	FALSE
-0,033	0,306	0,000	0,009	0,000	FALSE
0,030	0,306	0,000	0,011	0,003	FALSE
-0,209	0,295	-0,005	0,007	0,282	FALSE
0,035	0,287	0,001	0,012	0,015	FALSE
0,029	0,297	0,000	0,007	0,013	FALSE
-0,001	0,315	0,000	0,008	0,003	FALSE
-0,022	0,327	-0,001	0,008	0,027	FALSE
-0,002	0,307	0,000	0,007	0,007	FALSE

-0,085	0,291	-0,002	0,006	0,107	FALSE
0,159	0,319	0,004	0,007	0,225	FALSE
0,034	0,290	0,001	0,006	0,083	FALSE
0,025	0,311	0,000	0,012	0,002	FALSE
0,078	0,313	0,001	0,007	0,065	FALSE
0,185	0,293	0,006	0,010	0,302	FALSE
0,082	0,299	0,004	0,012	0,141	FALSE
0,060	0,316	0,002	0,007	0,091	FALSE
-0,054	0,313	-0,003	0,011	0,086	FALSE
0,040	0,303	0,002	0,011	0,064	FALSE
0,236	0,299	0,009	0,012	0,363	FALSE
-0,114	0,307	-0,003	0,008	0,130	FALSE
0,011	0,306	0,000	0,007	0,013	FALSE
0,014	0,306	0,000	0,007	0,023	FALSE
-0,019	0,318	-0,001	0,011	0,027	FALSE
-0,068	0,315	-0,002	0,009	0,073	FALSE
0,018	0,299	0,000	0,009	0,019	FALSE
-0,071	0,305	-0,002	0,008	0,094	FALSE
-0,023	0,312	0,000	0,013	0,013	FALSE
-0,151	0,297	-0,006	0,013	0,218	FALSE
-0,048	0,318	-0,002	0,011	0,068	FALSE
0,089	0,290	0,003	0,010	0,112	FALSE
-0,025	0,303	-0,001	0,006	0,029	FALSE
-0,022	0,316	0,000	0,006	0,027	FALSE
-0,040	0,304	-0,001	0,008	0,051	FALSE
-0,102	0,297	-0,004	0,011	0,149	FALSE
0,044	0,310	0,001	0,007	0,066	FALSE
-0,033	0,318	-0,002	0,013	0,055	FALSE
-0,034	0,317	-0,002	0,013	0,056	FALSE
0,005	0,306	0,001	0,012	0,045	FALSE
0,065	0,295	0,003	0,012	0,082	FALSE
0,010	0,307	0,000	0,011	0,003	FALSE
0,159	0,307	0,006	0,012	0,232	FALSE
0,010	0,312	0,000	0,009	0,015	FALSE
-0,082	0,315	-0,002	0,010	0,083	FALSE
0,017	0,323	0,000	0,012	0,004	FALSE
0,045	0,314	0,002	0,012	0,056	FALSE
-0,084	0,303	-0,002	0,008	0,120	FALSE
-0,082	0,301	-0,002	0,009	0,079	FALSE
-0,049	0,299	-0,002	0,008	0,086	FALSE
-0,040	0,300	0,000	0,006	0,017	FALSE
-0,041	0,307	-0,002	0,009	0,064	FALSE
0,009	0,301	0,000	0,007	0,020	FALSE
-0,042	0,288	-0,002	0,011	0,061	FALSE
0,074	0,311	0,002	0,009	0,087	FALSE
0,081	0,315	0,002	0,007	0,110	FALSE
0,028	0,318	0,001	0,013	0,016	FALSE
-0,052	0,332	-0,001	0,008	0,073	FALSE
-0,054	0,316	-0,002	0,012	0,064	FALSE
0,070	0,308	0,003	0,013	0,074	FALSE
0,075	0,307	0,002	0,011	0,057	FALSE
-0,062	0,320	-0,002	0,008	0,111	FALSE
0,034	0,313	0,001	0,007	0,063	FALSE

0,103	0,300	0,003	0,010	0,106	FALSE
-0,024	0,315	-0,001	0,010	0,020	FALSE
0,050	0,316	0,001	0,009	0,041	FALSE
-0,127	0,309	-0,003	0,007	0,149	FALSE
-0,045	0,319	-0,002	0,008	0,081	FALSE
-0,024	0,308	-0,002	0,012	0,062	FALSE
0,005	0,302	0,000	0,009	0,005	FALSE
0,012	0,304	0,000	0,013	0,006	FALSE
-0,091	0,309	-0,003	0,013	0,100	FALSE
-0,006	0,308	0,001	0,007	0,026	FALSE
-0,041	0,321	-0,001	0,013	0,030	FALSE
0,011	0,312	0,001	0,007	0,040	FALSE
0,043	0,318	0,001	0,008	0,037	FALSE
-0,200	0,297	-0,007	0,011	0,277	FALSE
-0,042	0,320	-0,001	0,007	0,039	FALSE
-0,004	0,315	0,000	0,007	0,000	FALSE
-0,011	0,312	0,000	0,007	0,007	FALSE
0,020	0,300	0,001	0,013	0,037	FALSE
0,021	0,308	0,002	0,013	0,052	FALSE
0,068	0,298	0,003	0,010	0,121	FALSE
0,087	0,317	0,003	0,011	0,112	FALSE
-0,012	0,301	0,000	0,009	0,016	FALSE
0,083	0,302	0,002	0,007	0,109	FALSE
0,043	0,311	0,001	0,011	0,031	FALSE
-0,073	0,308	-0,001	0,007	0,058	FALSE
-0,058	0,310	-0,001	0,007	0,047	FALSE
-0,019	0,316	0,000	0,011	0,003	FALSE
-0,048	0,315	-0,001	0,007	0,052	FALSE
-0,054	0,301	-0,002	0,010	0,080	FALSE
-0,061	0,317	-0,003	0,013	0,075	FALSE
-0,078	0,312	-0,002	0,009	0,085	FALSE
0,015	0,302	0,000	0,013	0,004	FALSE
-0,064	0,303	-0,002	0,007	0,095	FALSE
-0,051	0,314	-0,001	0,009	0,055	FALSE
0,066	0,312	0,002	0,007	0,099	FALSE
-0,033	0,307	-0,001	0,013	0,023	FALSE
-0,003	0,321	0,000	0,011	0,012	FALSE
0,047	0,314	0,002	0,009	0,069	FALSE
0,036	0,313	0,002	0,011	0,062	FALSE
-0,022	0,314	0,000	0,011	0,011	FALSE
-0,030	0,319	-0,001	0,013	0,035	FALSE
0,000	0,318	0,000	0,008	0,015	FALSE
-0,007	0,303	0,000	0,012	0,002	FALSE
0,046	0,287	0,001	0,006	0,030	FALSE
0,054	0,306	0,001	0,013	0,041	FALSE
0,066	0,322	0,002	0,013	0,067	FALSE
0,081	0,311	0,002	0,007	0,107	FALSE
0,047	0,316	0,001	0,006	0,057	FALSE
-0,053	0,318	-0,001	0,007	0,036	FALSE
0,012	0,298	0,000	0,007	0,005	FALSE
0,014	0,306	0,001	0,010	0,029	FALSE
0,012	0,300	0,000	0,007	0,009	FALSE
0,020	0,301	0,001	0,011	0,024	FALSE

0,026	0,307	0,000	0,008	0,018	FALSE
-0,037	0,304	-0,002	0,013	0,054	FALSE
-0,052	0,312	-0,003	0,013	0,074	FALSE
0,068	0,322	0,002	0,007	0,105	FALSE
0,063	0,308	0,002	0,008	0,077	FALSE
0,052	0,315	0,002	0,008	0,077	FALSE
0,090	0,293	0,004	0,011	0,133	FALSE
0,024	0,325	0,001	0,008	0,058	FALSE
-0,023	0,311	-0,001	0,011	0,028	FALSE
-0,130	0,302	-0,004	0,011	0,127	FALSE
0,048	0,322	0,002	0,013	0,072	FALSE
0,046	0,299	0,001	0,007	0,060	FALSE
0,148	0,294	0,007	0,011	0,259	FALSE
-0,037	0,313	-0,001	0,007	0,078	FALSE
0,046	0,317	0,003	0,013	0,087	FALSE
-0,078	0,304	-0,002	0,007	0,103	FALSE
-0,072	0,300	-0,002	0,010	0,078	FALSE
-0,017	0,293	-0,001	0,012	0,025	FALSE
0,016	0,309	0,000	0,012	0,012	FALSE
-0,099	0,316	-0,002	0,011	0,080	FALSE
0,024	0,303	0,001	0,009	0,057	FALSE
0,044	0,298	0,002	0,009	0,101	FALSE
0,044	0,294	0,001	0,007	0,029	FALSE
-0,001	0,304	-0,001	0,010	0,024	FALSE
-0,047	0,312	-0,001	0,007	0,063	FALSE
-0,046	0,299	-0,001	0,007	0,036	FALSE
0,103	0,302	0,002	0,007	0,102	FALSE
-0,028	0,294	-0,001	0,012	0,023	FALSE
-0,061	0,313	-0,001	0,008	0,065	FALSE
-0,061	0,303	-0,002	0,010	0,068	FALSE
-0,067	0,294	-0,002	0,009	0,080	FALSE
0,113	0,296	0,003	0,010	0,122	FALSE
-0,085	0,311	-0,003	0,012	0,110	FALSE
0,102	0,306	0,004	0,009	0,159	FALSE
-0,020	0,322	0,000	0,007	0,001	FALSE
-0,063	0,297	-0,003	0,012	0,084	FALSE
0,042	0,305	0,002	0,011	0,058	FALSE
0,012	0,326	0,000	0,008	0,006	FALSE
-0,090	0,303	-0,003	0,012	0,090	FALSE
0,097	0,298	0,002	0,009	0,095	FALSE
0,059	0,303	0,001	0,007	0,061	FALSE
-0,063	0,309	-0,002	0,010	0,066	FALSE
0,046	0,304	0,001	0,007	0,076	FALSE
-0,163	0,301	-0,003	0,006	0,223	FALSE
0,018	0,301	0,001	0,009	0,037	FALSE
0,045	0,315	0,002	0,013	0,059	FALSE
0,179	0,296	0,004	0,007	0,272	FALSE
0,057	0,317	0,003	0,012	0,079	FALSE
-0,100	0,303	-0,003	0,008	0,136	FALSE
0,082	0,315	0,003	0,011	0,106	FALSE
0,025	0,294	0,000	0,006	0,016	FALSE
-0,035	0,311	-0,001	0,008	0,037	FALSE
0,069	0,312	0,003	0,013	0,103	FALSE

0,000	0,297	0,000	0,009	0,002	FALSE
-0,033	0,304	-0,001	0,007	0,039	FALSE
0,002	0,297	0,000	0,012	0,010	FALSE
-0,093	0,309	-0,002	0,008	0,116	FALSE
0,059	0,300	0,002	0,007	0,098	FALSE
-0,057	0,307	-0,001	0,009	0,053	FALSE
-0,087	0,305	-0,003	0,009	0,112	FALSE
-0,046	0,310	-0,001	0,008	0,056	FALSE
0,079	0,287	0,001	0,006	0,074	FALSE
0,009	0,313	0,000	0,008	0,023	FALSE
0,022	0,320	0,001	0,008	0,033	FALSE
-0,095	0,315	-0,004	0,012	0,122	FALSE
0,083	0,304	0,003	0,010	0,112	FALSE
-0,035	0,306	0,000	0,006	0,026	FALSE
-0,039	0,298	-0,003	0,012	0,085	FALSE
-0,023	0,300	-0,001	0,011	0,040	FALSE
-0,095	0,318	-0,003	0,008	0,120	FALSE
-0,166	0,301	-0,007	0,013	0,226	FALSE
-0,072	0,300	-0,002	0,012	0,064	FALSE
-0,041	0,301	-0,001	0,007	0,066	FALSE
0,066	0,300	0,002	0,009	0,100	FALSE
-0,005	0,314	0,000	0,011	0,000	FALSE
0,044	0,306	0,001	0,009	0,059	FALSE
0,002	0,300	0,000	0,006	0,005	FALSE
0,028	0,305	0,001	0,008	0,042	FALSE
-0,025	0,305	0,000	0,007	0,017	FALSE
-0,064	0,299	-0,001	0,008	0,051	FALSE
-0,065	0,317	-0,001	0,009	0,058	FALSE
-0,012	0,303	0,001	0,011	0,017	FALSE
-0,046	0,308	-0,001	0,006	0,052	FALSE
-0,026	0,320	-0,001	0,007	0,027	FALSE
0,129	0,310	0,004	0,009	0,177	FALSE
0,031	0,300	0,001	0,006	0,064	FALSE
-0,005	0,304	-0,001	0,008	0,044	FALSE
-0,195	0,297	-0,006	0,010	0,268	FALSE
0,002	0,313	0,000	0,008	0,003	FALSE
-0,080	0,305	-0,002	0,007	0,111	FALSE
-0,032	0,309	0,000	0,008	0,022	FALSE
-0,098	0,318	-0,002	0,007	0,091	FALSE
0,024	0,300	0,000	0,009	0,011	FALSE
0,068	0,296	0,003	0,012	0,115	FALSE
-0,007	0,313	-0,001	0,012	0,016	FALSE
0,048	0,306	0,001	0,009	0,047	FALSE
0,058	0,310	0,002	0,007	0,110	FALSE
-0,047	0,311	-0,002	0,011	0,077	FALSE
0,033	0,293	0,002	0,010	0,072	FALSE
0,024	0,324	0,000	0,011	0,006	FALSE
0,016	0,292	0,000	0,010	0,017	FALSE
-0,041	0,311	-0,002	0,010	0,066	FALSE
-0,059	0,320	-0,002	0,010	0,091	FALSE
0,018	0,309	0,001	0,013	0,037	FALSE
-0,056	0,313	-0,003	0,011	0,112	FALSE
-0,109	0,304	-0,005	0,011	0,179	FALSE

-0,088	0,310	-0,004	0,013	0,133	FALSE
0,009	0,320	0,000	0,011	0,004	FALSE
0,006	0,307	0,000	0,010	0,007	FALSE
-0,024	0,310	-0,001	0,006	0,029	FALSE
-0,020	0,312	-0,001	0,007	0,038	FALSE
0,103	0,292	0,003	0,007	0,194	FALSE
0,077	0,299	0,002	0,006	0,104	FALSE
-0,086	0,323	-0,003	0,011	0,116	FALSE
-0,037	0,329	-0,002	0,014	0,045	FALSE
-0,073	0,303	-0,003	0,011	0,101	FALSE
0,115	0,308	0,002	0,007	0,145	FALSE
0,094	0,298	0,003	0,010	0,120	FALSE
0,029	0,315	0,001	0,009	0,042	FALSE
0,074	0,296	0,002	0,010	0,093	FALSE
-0,010	0,319	-0,001	0,012	0,030	FALSE
0,006	0,304	-0,001	0,010	0,024	FALSE
-0,043	0,302	-0,001	0,008	0,069	FALSE
0,044	0,301	0,000	0,007	0,020	FALSE
-0,037	0,283	-0,001	0,009	0,059	FALSE
-0,070	0,317	-0,002	0,007	0,082	FALSE
0,153	0,295	0,003	0,006	0,182	FALSE
0,181	0,289	0,004	0,006	0,248	FALSE
0,077	0,309	0,001	0,008	0,043	FALSE
0,088	0,298	0,001	0,008	0,052	FALSE
0,003	0,309	0,000	0,007	0,003	FALSE
-0,167	0,298	-0,004	0,007	0,224	FALSE
-0,024	0,324	-0,001	0,007	0,038	FALSE
0,004	0,303	0,000	0,007	0,006	FALSE
-0,055	0,293	-0,002	0,010	0,065	FALSE
0,009	0,303	0,000	0,011	0,004	FALSE
-0,150	0,314	-0,003	0,008	0,171	FALSE
-0,144	0,303	-0,003	0,007	0,190	FALSE
-0,128	0,305	-0,003	0,007	0,167	FALSE
0,038	0,312	0,001	0,007	0,027	FALSE
-0,111	0,279	-0,003	0,010	0,141	FALSE
-0,054	0,312	-0,002	0,012	0,065	FALSE
-0,052	0,313	-0,002	0,012	0,071	FALSE
0,008	0,302	0,000	0,010	0,001	FALSE
0,059	0,309	0,001	0,007	0,061	FALSE
0,016	0,300	0,000	0,010	0,014	FALSE
-0,008	0,299	-0,001	0,010	0,018	FALSE
0,064	0,320	0,002	0,010	0,094	FALSE
-0,036	0,297	-0,002	0,007	0,080	FALSE
-0,062	0,315	-0,003	0,009	0,113	FALSE
0,133	0,292	0,004	0,009	0,153	FALSE
-0,033	0,300	-0,001	0,009	0,044	FALSE
0,205	0,286	0,008	0,012	0,291	FALSE
0,095	0,305	0,002	0,006	0,129	FALSE
0,097	0,305	0,002	0,006	0,120	FALSE
-0,116	0,302	-0,003	0,009	0,135	FALSE
0,002	0,317	-0,001	0,013	0,017	FALSE
-0,035	0,305	-0,001	0,008	0,034	FALSE
0,068	0,305	0,002	0,009	0,091	FALSE

0,091	0,298	0,002	0,006	0,112	FALSE
-0,005	0,324	-0,001	0,010	0,018	FALSE
0,051	0,296	0,001	0,007	0,057	FALSE
-0,040	0,312	-0,001	0,008	0,033	FALSE
0,038	0,304	0,001	0,006	0,076	FALSE
0,039	0,314	0,002	0,009	0,071	FALSE
0,012	0,301	0,000	0,007	0,010	FALSE
-0,003	0,300	0,000	0,008	0,017	FALSE
-0,048	0,310	-0,001	0,007	0,049	FALSE
-0,071	0,310	-0,003	0,012	0,098	FALSE
-0,025	0,309	0,000	0,007	0,022	FALSE
0,069	0,301	0,002	0,007	0,110	FALSE
0,144	0,294	0,005	0,012	0,187	FALSE
-0,082	0,311	-0,003	0,009	0,116	FALSE
0,092	0,308	0,004	0,009	0,171	FALSE
0,070	0,302	0,002	0,007	0,128	FALSE
-0,047	0,301	-0,002	0,013	0,048	FALSE
0,185	0,298	0,006	0,011	0,234	FALSE
0,161	0,279	0,005	0,010	0,209	FALSE
0,060	0,319	0,003	0,013	0,074	FALSE
-0,056	0,318	-0,002	0,010	0,090	FALSE
0,013	0,321	0,001	0,011	0,021	FALSE
0,035	0,319	0,002	0,013	0,047	FALSE
0,017	0,305	0,001	0,013	0,031	FALSE
-0,045	0,309	-0,001	0,010	0,035	FALSE
-0,124	0,305	-0,004	0,010	0,171	FALSE
-0,001	0,306	0,000	0,008	0,021	FALSE
-0,072	0,315	-0,002	0,007	0,082	FALSE
0,018	0,302	0,001	0,010	0,033	FALSE
0,066	0,328	0,002	0,007	0,098	FALSE
0,196	0,298	0,007	0,010	0,333	FALSE
-0,035	0,319	-0,001	0,010	0,036	FALSE
0,111	0,308	0,004	0,011	0,144	FALSE
-0,199	0,288	-0,005	0,008	0,280	FALSE
-0,031	0,319	-0,001	0,008	0,035	FALSE
0,001	0,308	0,000	0,010	0,009	FALSE
-0,025	0,304	-0,001	0,012	0,034	FALSE
-0,122	0,306	-0,005	0,012	0,153	FALSE
0,028	0,307	0,001	0,009	0,052	FALSE
-0,040	0,311	-0,001	0,007	0,061	FALSE
-0,208	0,293	-0,010	0,012	0,358	FALSE
-0,060	0,307	-0,002	0,009	0,060	FALSE
-0,042	0,317	-0,001	0,010	0,035	FALSE
0,038	0,306	0,001	0,007	0,061	FALSE
0,130	0,286	0,005	0,011	0,180	FALSE
0,103	0,296	0,003	0,007	0,150	FALSE
0,133	0,299	0,004	0,009	0,211	FALSE
0,036	0,318	0,002	0,009	0,068	FALSE
-0,107	0,303	-0,002	0,007	0,146	FALSE
0,092	0,295	0,004	0,011	0,134	FALSE
-0,044	0,318	0,000	0,006	0,021	FALSE
-0,088	0,303	-0,003	0,010	0,123	FALSE
-0,140	0,318	-0,006	0,013	0,206	FALSE

-0,019	0,314	0,000	0,007	0,008	FALSE
-0,054	0,309	-0,001	0,007	0,059	FALSE
-0,089	0,303	-0,003	0,010	0,122	FALSE
0,069	0,318	0,001	0,008	0,064	FALSE
0,025	0,322	0,000	0,008	0,020	FALSE
0,068	0,301	0,001	0,006	0,067	FALSE
0,077	0,323	0,002	0,010	0,088	FALSE
0,034	0,301	0,001	0,009	0,020	FALSE
0,023	0,310	0,000	0,008	0,002	FALSE
0,024	0,303	0,001	0,007	0,059	FALSE
-0,099	0,315	-0,003	0,011	0,120	FALSE
-0,030	0,320	-0,001	0,013	0,038	FALSE
-0,050	0,298	-0,001	0,010	0,054	FALSE
-0,028	0,298	-0,001	0,011	0,032	FALSE
-0,039	0,298	-0,002	0,011	0,063	FALSE
0,058	0,317	0,001	0,009	0,057	FALSE
0,043	0,307	0,001	0,007	0,046	FALSE
-0,043	0,308	-0,001	0,008	0,034	FALSE
-0,129	0,308	-0,003	0,007	0,193	FALSE
0,110	0,283	0,003	0,007	0,186	FALSE
0,074	0,313	0,002	0,010	0,076	FALSE
-0,014	0,317	-0,001	0,008	0,023	FALSE
0,159	0,323	0,005	0,010	0,207	FALSE
0,049	0,309	0,002	0,007	0,081	FALSE
0,026	0,304	0,001	0,010	0,033	FALSE
0,103	0,290	0,002	0,008	0,114	FALSE
0,053	0,303	0,002	0,011	0,063	FALSE
-0,096	0,308	-0,003	0,008	0,156	FALSE
-0,087	0,297	-0,003	0,008	0,143	FALSE
-0,033	0,304	0,000	0,008	0,012	FALSE
-0,049	0,317	-0,002	0,011	0,084	FALSE
0,160	0,292	0,004	0,007	0,266	FALSE
0,015	0,309	0,000	0,007	0,006	FALSE
0,027	0,309	0,001	0,008	0,041	FALSE
-0,031	0,295	-0,002	0,010	0,057	FALSE
0,004	0,315	0,000	0,007	0,005	FALSE
-0,099	0,300	-0,003	0,009	0,147	FALSE
0,057	0,306	0,001	0,007	0,077	FALSE
0,014	0,308	0,000	0,008	0,009	FALSE
0,075	0,297	0,002	0,008	0,092	FALSE
-0,194	0,310	-0,005	0,008	0,273	FALSE
0,094	0,317	0,002	0,007	0,128	FALSE
-0,056	0,319	-0,001	0,008	0,059	FALSE
-0,012	0,299	-0,001	0,007	0,038	FALSE
-0,056	0,314	-0,002	0,012	0,062	FALSE
-0,002	0,311	0,000	0,012	0,010	FALSE
0,074	0,312	0,002	0,011	0,082	FALSE
-0,047	0,313	-0,003	0,013	0,094	FALSE
-0,024	0,302	-0,001	0,008	0,048	FALSE
-0,069	0,308	-0,002	0,012	0,064	FALSE
0,155	0,302	0,004	0,007	0,225	FALSE
-0,141	0,302	-0,003	0,007	0,191	FALSE
-0,039	0,308	-0,001	0,008	0,043	FALSE

-0,032	0,295	-0,002	0,009	0,071	FALSE
-0,018	0,304	0,000	0,007	0,015	FALSE
-0,090	0,315	-0,004	0,012	0,141	FALSE
0,066	0,318	0,003	0,013	0,102	FALSE
-0,002	0,305	0,000	0,012	0,006	FALSE
0,039	0,315	0,002	0,013	0,057	FALSE
-0,049	0,312	-0,002	0,007	0,077	FALSE
0,109	0,315	0,003	0,008	0,158	FALSE
-0,033	0,318	0,000	0,008	0,004	FALSE
0,015	0,296	0,001	0,007	0,057	FALSE
0,067	0,294	0,001	0,006	0,055	FALSE
0,087	0,325	0,003	0,009	0,117	FALSE
-0,012	0,316	0,000	0,012	0,001	FALSE
-0,026	0,313	0,000	0,012	0,014	FALSE
0,183	0,294	0,004	0,008	0,207	FALSE
-0,115	0,307	-0,003	0,007	0,157	FALSE
-0,037	0,296	0,000	0,008	0,016	FALSE
0,100	0,316	0,003	0,010	0,124	FALSE
0,036	0,311	0,001	0,012	0,040	FALSE
0,068	0,302	0,002	0,007	0,089	FALSE
0,006	0,310	0,000	0,008	0,006	FALSE
0,071	0,314	0,002	0,009	0,086	FALSE
0,177	0,304	0,005	0,009	0,257	FALSE
-0,059	0,308	-0,002	0,013	0,064	FALSE
0,016	0,314	0,001	0,012	0,020	FALSE
0,043	0,317	0,001	0,007	0,033	FALSE
-0,028	0,321	0,000	0,007	0,009	FALSE
-0,018	0,306	0,000	0,007	0,004	FALSE
-0,068	0,307	-0,002	0,007	0,087	FALSE
-0,105	0,315	-0,004	0,011	0,136	FALSE
-0,005	0,317	0,000	0,008	0,012	FALSE
0,033	0,300	0,000	0,008	0,020	FALSE
-0,003	0,321	0,000	0,008	0,021	FALSE
0,038	0,303	0,001	0,010	0,037	FALSE
-0,064	0,306	-0,002	0,010	0,061	FALSE
0,013	0,296	0,000	0,008	0,001	FALSE
-0,117	0,312	-0,005	0,013	0,166	FALSE
-0,012	0,300	-0,001	0,012	0,045	FALSE
-0,014	0,304	0,000	0,013	0,003	FALSE
0,193	0,292	0,004	0,006	0,304	FALSE
-0,004	0,307	0,000	0,007	0,002	FALSE
0,011	0,318	0,000	0,007	0,014	FALSE
0,078	0,309	0,002	0,008	0,075	FALSE
0,040	0,329	0,001	0,011	0,043	FALSE
0,128	0,298	0,003	0,007	0,149	FALSE
0,011	0,311	0,001	0,012	0,024	FALSE
0,069	0,297	0,004	0,011	0,131	FALSE
0,024	0,320	0,001	0,007	0,024	FALSE
-0,021	0,309	-0,001	0,007	0,031	FALSE
-0,007	0,301	0,000	0,006	0,004	FALSE
0,022	0,298	0,000	0,012	0,001	FALSE
0,022	0,312	0,000	0,007	0,008	FALSE
-0,026	0,309	-0,001	0,008	0,034	FALSE

0,026	0,317	0,001	0,011	0,038	FALSE
0,000	0,310	0,000	0,009	0,012	FALSE
-0,125	0,312	-0,003	0,007	0,178	FALSE
0,129	0,299	0,005	0,010	0,208	FALSE
-0,103	0,320	-0,002	0,008	0,111	FALSE
0,087	0,303	0,004	0,011	0,150	FALSE
-0,038	0,290	-0,002	0,012	0,077	FALSE
-0,056	0,293	-0,003	0,012	0,093	FALSE
-0,070	0,315	-0,003	0,010	0,116	FALSE
-0,087	0,292	-0,002	0,007	0,113	FALSE
0,042	0,311	0,002	0,008	0,070	FALSE
0,059	0,318	0,002	0,010	0,066	FALSE
-0,103	0,303	-0,002	0,007	0,096	FALSE
-0,001	0,309	0,000	0,008	0,006	FALSE
-0,040	0,304	-0,001	0,009	0,056	FALSE
0,044	0,313	0,001	0,011	0,035	FALSE
0,059	0,324	0,001	0,009	0,035	FALSE
0,011	0,295	0,000	0,006	0,016	FALSE
-0,066	0,298	-0,003	0,011	0,089	FALSE
-0,017	0,313	-0,002	0,012	0,047	FALSE
-0,051	0,305	-0,001	0,008	0,038	FALSE
-0,014	0,325	-0,001	0,012	0,020	FALSE
0,086	0,296	0,002	0,007	0,086	FALSE
0,026	0,299	0,000	0,007	0,010	FALSE
0,006	0,314	0,000	0,010	0,012	FALSE
0,042	0,299	0,001	0,013	0,022	FALSE
0,034	0,318	0,001	0,013	0,030	FALSE
0,120	0,299	0,005	0,012	0,151	FALSE
0,005	0,295	0,000	0,009	0,011	FALSE
-0,010	0,309	-0,001	0,011	0,023	FALSE
-0,061	0,314	-0,002	0,009	0,099	FALSE
-0,001	0,313	0,000	0,009	0,018	FALSE
0,176	0,303	0,006	0,010	0,250	FALSE
-0,002	0,312	0,000	0,012	0,001	FALSE
-0,059	0,325	-0,001	0,007	0,044	FALSE
0,037	0,322	0,001	0,009	0,035	FALSE
0,092	0,305	0,002	0,007	0,136	FALSE
-0,053	0,310	-0,002	0,010	0,073	FALSE
0,039	0,306	0,001	0,013	0,026	FALSE
0,022	0,306	0,001	0,012	0,015	FALSE
0,013	0,304	-0,001	0,012	0,025	FALSE
0,000	0,312	-0,001	0,012	0,036	FALSE
0,082	0,299	0,003	0,008	0,156	FALSE
0,011	0,323	0,000	0,011	0,014	FALSE
-0,017	0,301	-0,001	0,010	0,035	FALSE
0,040	0,316	0,001	0,007	0,061	FALSE
0,031	0,313	0,001	0,008	0,026	FALSE
0,003	0,315	0,000	0,008	0,001	FALSE
-0,054	0,309	-0,001	0,008	0,063	FALSE
-0,035	0,306	-0,001	0,008	0,044	FALSE
0,008	0,302	0,000	0,011	0,001	FALSE
-0,012	0,304	-0,001	0,008	0,034	FALSE
-0,010	0,296	0,000	0,007	0,020	FALSE

-0,011	0,304	0,001	0,006	0,031	FALSE
0,100	0,296	0,003	0,010	0,096	FALSE
-0,034	0,288	-0,001	0,010	0,043	FALSE
0,073	0,305	0,004	0,010	0,146	FALSE
0,055	0,324	0,001	0,007	0,072	FALSE
-0,046	0,301	-0,001	0,012	0,044	FALSE
-0,105	0,308	-0,005	0,013	0,163	FALSE
0,102	0,310	0,004	0,012	0,147	FALSE
0,193	0,302	0,005	0,007	0,272	FALSE
0,079	0,301	0,003	0,012	0,105	FALSE
0,015	0,302	0,001	0,012	0,044	FALSE
-0,029	0,308	-0,001	0,013	0,024	FALSE
-0,018	0,322	-0,001	0,011	0,024	FALSE
0,036	0,298	0,002	0,008	0,083	FALSE
0,021	0,305	0,001	0,013	0,030	FALSE
-0,079	0,303	-0,003	0,010	0,122	FALSE
0,014	0,302	0,000	0,010	0,014	FALSE
0,029	0,312	0,001	0,013	0,032	FALSE
-0,065	0,289	-0,002	0,011	0,083	FALSE
-0,027	0,303	-0,001	0,007	0,040	FALSE
-0,015	0,318	-0,001	0,011	0,020	FALSE
0,130	0,314	0,004	0,010	0,177	FALSE
0,069	0,301	0,002	0,008	0,097	FALSE
0,038	0,308	0,001	0,007	0,030	FALSE
0,071	0,310	0,002	0,008	0,089	FALSE
-0,043	0,322	-0,002	0,013	0,066	FALSE
0,152	0,297	0,006	0,010	0,238	FALSE
-0,048	0,296	-0,001	0,007	0,046	FALSE
0,008	0,300	0,000	0,008	0,012	FALSE
0,031	0,292	0,001	0,008	0,059	FALSE
-0,033	0,320	0,000	0,008	0,017	FALSE
-0,142	0,304	-0,005	0,012	0,174	FALSE
-0,146	0,305	-0,005	0,011	0,198	FALSE
-0,152	0,299	-0,005	0,011	0,209	FALSE
0,012	0,311	0,001	0,010	0,029	FALSE
-0,063	0,310	-0,001	0,009	0,056	FALSE
-0,072	0,308	-0,003	0,012	0,078	FALSE
-0,199	0,301	-0,007	0,011	0,295	FALSE
0,012	0,309	0,000	0,008	0,003	FALSE
-0,021	0,299	-0,001	0,009	0,038	FALSE
-0,111	0,321	-0,004	0,012	0,122	FALSE
0,041	0,300	0,001	0,008	0,046	FALSE
-0,088	0,312	-0,002	0,006	0,106	FALSE
-0,087	0,315	-0,002	0,008	0,092	FALSE
-0,034	0,310	-0,001	0,012	0,026	FALSE
0,038	0,293	0,002	0,010	0,069	FALSE
0,046	0,320	0,001	0,010	0,048	FALSE
-0,061	0,304	-0,001	0,009	0,058	FALSE
-0,082	0,318	-0,002	0,010	0,077	FALSE
-0,064	0,298	-0,001	0,009	0,049	FALSE
-0,127	0,302	-0,003	0,010	0,133	FALSE
0,134	0,307	0,003	0,009	0,149	FALSE
0,000	0,296	-0,001	0,010	0,026	FALSE

0,123	0,304	0,003	0,006	0,185	FALSE
0,059	0,298	0,002	0,007	0,083	FALSE
-0,004	0,301	0,000	0,012	0,013	FALSE
0,055	0,322	0,002	0,008	0,071	FALSE
-0,010	0,307	0,000	0,010	0,002	FALSE
0,038	0,296	0,001	0,008	0,063	FALSE
0,010	0,281	0,000	0,008	0,017	FALSE
-0,016	0,296	-0,001	0,009	0,025	FALSE
0,007	0,306	0,000	0,012	0,009	FALSE
0,005	0,314	0,000	0,009	0,019	FALSE
-0,042	0,313	-0,002	0,009	0,066	FALSE
0,142	0,313	0,004	0,007	0,212	FALSE
-0,138	0,316	-0,005	0,011	0,172	FALSE
-0,006	0,306	0,000	0,007	0,000	FALSE
0,035	0,311	0,001	0,008	0,062	FALSE
-0,037	0,306	-0,001	0,010	0,038	FALSE
0,031	0,317	0,001	0,013	0,020	FALSE
-0,019	0,309	-0,001	0,010	0,034	FALSE
-0,154	0,302	-0,004	0,008	0,198	FALSE
-0,154	0,307	-0,006	0,012	0,224	FALSE
-0,016	0,303	0,000	0,010	0,003	FALSE
-0,035	0,321	-0,001	0,007	0,029	FALSE
0,040	0,311	0,001	0,011	0,028	FALSE
0,044	0,313	0,001	0,012	0,044	FALSE
0,094	0,293	0,004	0,012	0,138	FALSE
0,078	0,295	0,003	0,012	0,104	FALSE
-0,008	0,314	0,000	0,013	0,006	FALSE
-0,013	0,318	-0,001	0,008	0,022	FALSE
-0,017	0,314	-0,001	0,012	0,033	FALSE
0,056	0,302	0,001	0,013	0,031	FALSE
0,028	0,291	0,001	0,010	0,022	FALSE
0,025	0,303	0,001	0,008	0,038	FALSE
-0,147	0,309	-0,006	0,011	0,211	FALSE
-0,039	0,320	-0,001	0,009	0,048	FALSE
-0,105	0,278	-0,004	0,012	0,123	FALSE
-0,030	0,300	-0,001	0,009	0,043	FALSE
-0,142	0,303	-0,003	0,006	0,175	FALSE
0,109	0,291	0,003	0,010	0,134	FALSE
-0,110	0,317	-0,004	0,012	0,146	FALSE
0,037	0,314	0,001	0,009	0,033	FALSE
-0,063	0,323	-0,002	0,010	0,072	FALSE
0,082	0,297	0,001	0,008	0,069	FALSE
-0,098	0,315	-0,003	0,008	0,127	FALSE
-0,073	0,308	-0,002	0,008	0,100	FALSE
-0,005	0,297	0,000	0,008	0,004	FALSE
-0,016	0,304	-0,001	0,010	0,018	FALSE
0,067	0,291	0,002	0,007	0,079	FALSE
-0,023	0,296	-0,001	0,006	0,045	FALSE
0,097	0,312	0,003	0,009	0,122	FALSE
0,180	0,303	0,006	0,010	0,255	FALSE
-0,195	0,314	-0,006	0,010	0,250	FALSE
0,070	0,310	0,002	0,012	0,049	FALSE
-0,160	0,300	-0,004	0,009	0,192	FALSE

0,051	0,310	0,001	0,010	0,038	FALSE
-0,098	0,296	-0,005	0,011	0,168	FALSE
0,045	0,309	0,002	0,012	0,074	FALSE
-0,011	0,283	0,000	0,011	0,013	FALSE
0,047	0,298	0,001	0,012	0,042	FALSE
-0,005	0,310	-0,001	0,010	0,029	FALSE
0,023	0,307	0,001	0,011	0,021	FALSE
0,058	0,310	0,002	0,007	0,089	FALSE
-0,010	0,312	0,000	0,010	0,010	FALSE
-0,001	0,314	0,000	0,012	0,004	FALSE
0,001	0,297	0,000	0,009	0,019	FALSE
0,033	0,310	0,001	0,010	0,041	FALSE
0,027	0,290	0,001	0,009	0,057	FALSE
0,032	0,307	0,001	0,012	0,037	FALSE
0,129	0,296	0,004	0,012	0,143	FALSE
0,098	0,299	0,003	0,006	0,160	FALSE
0,031	0,307	0,000	0,012	0,010	FALSE
0,034	0,292	0,001	0,011	0,025	FALSE
0,018	0,291	0,000	0,012	0,011	FALSE
0,038	0,310	0,001	0,010	0,049	FALSE
-0,104	0,301	-0,003	0,007	0,156	FALSE
-0,155	0,296	-0,006	0,011	0,221	FALSE
-0,105	0,308	-0,004	0,010	0,139	FALSE
-0,129	0,312	-0,004	0,010	0,171	FALSE
-0,061	0,302	-0,003	0,013	0,100	FALSE
-0,050	0,305	-0,002	0,010	0,068	FALSE
0,036	0,318	0,002	0,012	0,051	FALSE
-0,033	0,306	-0,001	0,011	0,040	FALSE
0,000	0,297	0,000	0,011	0,005	FALSE
0,123	0,310	0,003	0,008	0,161	FALSE
-0,005	0,300	-0,001	0,008	0,023	FALSE
-0,084	0,310	-0,003	0,010	0,125	FALSE
0,043	0,306	0,001	0,010	0,054	FALSE
0,120	0,307	0,006	0,013	0,185	FALSE
-0,052	0,306	-0,002	0,012	0,072	FALSE
-0,025	0,310	0,000	0,007	0,020	FALSE
-0,029	0,312	0,000	0,008	0,002	FALSE
0,155	0,299	0,004	0,006	0,243	FALSE
0,154	0,308	0,003	0,007	0,181	FALSE
-0,052	0,303	-0,001	0,007	0,040	FALSE
-0,124	0,301	-0,005	0,009	0,203	FALSE
-0,210	0,306	-0,004	0,007	0,270	FALSE
-0,137	0,305	-0,005	0,008	0,236	FALSE
0,043	0,302	0,001	0,007	0,070	FALSE
-0,110	0,320	-0,004	0,011	0,143	FALSE
-0,035	0,313	0,000	0,009	0,010	FALSE
-0,040	0,301	-0,001	0,008	0,031	FALSE
0,095	0,311	0,002	0,007	0,128	FALSE
0,071	0,301	0,002	0,008	0,084	FALSE
0,105	0,304	0,003	0,008	0,126	FALSE
0,056	0,312	0,001	0,007	0,055	FALSE
0,004	0,323	0,000	0,010	0,003	FALSE
0,059	0,309	0,002	0,008	0,080	FALSE

-0,012	0,299	0,000	0,007	0,013	FALSE
-0,044	0,308	-0,002	0,012	0,051	FALSE
-0,090	0,303	-0,003	0,011	0,113	FALSE
0,060	0,318	0,002	0,008	0,086	FALSE
-0,047	0,307	-0,002	0,012	0,072	FALSE
-0,054	0,319	-0,002	0,012	0,051	FALSE
0,070	0,296	0,002	0,007	0,122	FALSE
-0,126	0,318	-0,003	0,007	0,150	FALSE
-0,125	0,291	-0,005	0,012	0,172	FALSE
0,026	0,311	0,001	0,008	0,050	FALSE
-0,070	0,310	-0,002	0,010	0,082	FALSE
-0,099	0,302	-0,003	0,010	0,126	FALSE
0,003	0,305	0,000	0,010	0,014	FALSE
-0,056	0,301	-0,001	0,006	0,057	FALSE
0,047	0,311	0,001	0,007	0,057	FALSE
-0,018	0,303	-0,001	0,009	0,060	FALSE
-0,039	0,312	-0,002	0,012	0,047	FALSE
-0,027	0,301	-0,002	0,013	0,070	FALSE
0,068	0,310	0,002	0,012	0,081	FALSE
-0,047	0,287	-0,001	0,013	0,028	FALSE
-0,091	0,306	-0,002	0,008	0,076	FALSE
0,000	0,291	0,000	0,007	0,002	FALSE
0,040	0,309	0,002	0,011	0,084	FALSE
0,061	0,318	0,001	0,007	0,054	FALSE
-0,188	0,304	-0,007	0,013	0,242	FALSE
0,090	0,291	0,004	0,012	0,130	FALSE
0,084	0,293	0,004	0,012	0,124	FALSE
-0,001	0,307	0,000	0,011	0,012	FALSE
-0,081	0,300	-0,003	0,010	0,111	FALSE
-0,033	0,313	0,000	0,008	0,006	FALSE
-0,044	0,311	-0,002	0,012	0,069	FALSE
-0,065	0,312	-0,003	0,011	0,090	FALSE
0,009	0,308	0,000	0,008	0,017	FALSE
0,066	0,319	0,001	0,006	0,081	FALSE
0,130	0,309	0,005	0,011	0,193	FALSE
0,009	0,320	0,000	0,008	0,016	FALSE
0,027	0,300	0,000	0,008	0,004	FALSE
-0,137	0,315	-0,004	0,010	0,180	FALSE
0,046	0,315	0,001	0,008	0,056	FALSE
0,016	0,304	0,000	0,007	0,013	FALSE
-0,036	0,294	-0,002	0,012	0,063	FALSE
-0,049	0,316	-0,002	0,012	0,059	FALSE
0,047	0,301	0,001	0,008	0,043	FALSE
0,024	0,316	0,001	0,007	0,025	FALSE
-0,059	0,310	-0,002	0,012	0,067	FALSE
-0,060	0,312	-0,001	0,007	0,059	FALSE
0,020	0,314	0,001	0,009	0,027	FALSE
-0,040	0,305	-0,001	0,007	0,070	FALSE
0,020	0,301	0,000	0,007	0,008	FALSE
0,019	0,305	0,000	0,008	0,002	FALSE
0,005	0,304	0,000	0,008	0,014	FALSE
-0,096	0,313	-0,002	0,007	0,105	FALSE
0,069	0,310	0,003	0,012	0,110	FALSE

-0,023	0,300	-0,001	0,008	0,031	FALSE
0,006	0,306	0,002	0,012	0,047	FALSE
-0,031	0,310	-0,002	0,012	0,068	FALSE
0,039	0,299	0,000	0,007	0,019	FALSE
0,033	0,307	0,000	0,007	0,015	FALSE
0,079	0,302	0,003	0,008	0,131	FALSE
-0,020	0,309	-0,001	0,008	0,034	FALSE
-0,113	0,307	-0,004	0,010	0,173	FALSE
-0,051	0,316	-0,001	0,007	0,035	FALSE
-0,115	0,310	-0,004	0,011	0,156	FALSE
0,082	0,310	0,003	0,013	0,094	FALSE
0,017	0,304	0,000	0,009	0,008	FALSE
0,172	0,290	0,005	0,008	0,285	FALSE
0,030	0,315	0,001	0,013	0,022	FALSE
-0,021	0,304	-0,001	0,012	0,031	FALSE
0,029	0,307	0,001	0,010	0,029	FALSE
0,033	0,312	0,001	0,010	0,045	FALSE
-0,019	0,317	0,000	0,007	0,024	FALSE
-0,062	0,310	-0,003	0,011	0,093	FALSE
0,023	0,315	0,000	0,011	0,012	FALSE
-0,135	0,313	-0,003	0,007	0,169	FALSE
0,105	0,312	0,003	0,010	0,107	FALSE
-0,021	0,316	0,000	0,008	0,015	FALSE
-0,090	0,309	-0,004	0,012	0,115	FALSE
-0,066	0,314	-0,002	0,008	0,094	FALSE
-0,167	0,315	-0,006	0,011	0,227	FALSE
-0,021	0,313	-0,001	0,008	0,028	FALSE
-0,045	0,307	-0,002	0,009	0,089	FALSE
0,032	0,308	0,002	0,012	0,054	FALSE
0,008	0,305	0,000	0,008	0,011	FALSE
-0,118	0,311	-0,004	0,010	0,181	FALSE
-0,028	0,318	-0,001	0,008	0,032	FALSE
-0,033	0,306	-0,001	0,009	0,032	FALSE
-0,021	0,306	0,000	0,008	0,002	FALSE
-0,043	0,304	-0,001	0,011	0,038	FALSE
0,012	0,297	0,001	0,007	0,032	FALSE
-0,012	0,324	0,000	0,012	0,005	FALSE
-0,043	0,321	-0,001	0,008	0,042	FALSE
-0,083	0,304	-0,002	0,008	0,091	FALSE
-0,046	0,312	-0,002	0,011	0,065	FALSE
-0,003	0,308	0,000	0,007	0,017	FALSE
-0,110	0,301	-0,003	0,008	0,133	FALSE
-0,032	0,306	-0,001	0,012	0,042	FALSE
-0,025	0,311	-0,001	0,013	0,033	FALSE
-0,018	0,309	0,000	0,008	0,007	FALSE
-0,040	0,307	-0,001	0,008	0,037	FALSE
-0,036	0,298	-0,001	0,007	0,039	FALSE
-0,004	0,317	0,000	0,007	0,011	FALSE
-0,043	0,309	-0,001	0,006	0,076	FALSE
0,013	0,309	0,000	0,010	0,002	FALSE
-0,105	0,297	-0,003	0,009	0,129	FALSE
-0,038	0,305	-0,001	0,006	0,075	FALSE
-0,118	0,314	-0,003	0,008	0,170	FALSE

0,008	0,310	-0,001	0,009	0,022	FALSE
0,036	0,316	0,000	0,008	0,014	FALSE
-0,122	0,302	-0,003	0,008	0,180	FALSE
0,093	0,297	0,002	0,008	0,118	FALSE
0,045	0,305	0,002	0,013	0,065	FALSE
-0,049	0,318	-0,002	0,011	0,071	FALSE
0,106	0,305	0,003	0,008	0,166	FALSE
0,048	0,301	0,001	0,006	0,066	FALSE
-0,078	0,307	-0,003	0,011	0,123	FALSE
-0,050	0,313	-0,002	0,013	0,064	FALSE
0,084	0,303	0,003	0,007	0,145	FALSE
-0,008	0,311	-0,001	0,012	0,025	FALSE
0,127	0,311	0,004	0,010	0,170	FALSE
-0,089	0,299	-0,002	0,009	0,098	FALSE
0,070	0,329	0,003	0,014	0,085	FALSE
-0,055	0,304	-0,002	0,010	0,080	FALSE
0,019	0,314	0,001	0,010	0,018	FALSE
0,030	0,309	0,001	0,011	0,047	FALSE
-0,100	0,310	-0,003	0,010	0,116	FALSE
-0,117	0,304	-0,003	0,010	0,140	FALSE
-0,080	0,289	-0,003	0,013	0,087	FALSE
0,028	0,298	0,000	0,011	0,000	FALSE
-0,001	0,308	0,001	0,013	0,023	FALSE
-0,021	0,304	-0,001	0,008	0,051	FALSE
-0,072	0,314	-0,002	0,011	0,065	FALSE
0,000	0,301	0,000	0,011	0,000	FALSE
0,042	0,302	0,001	0,006	0,043	FALSE
-0,061	0,309	-0,002	0,013	0,054	FALSE
0,114	0,307	0,004	0,011	0,163	FALSE
-0,012	0,297	0,000	0,006	0,003	FALSE
0,113	0,306	0,003	0,008	0,155	FALSE
-0,143	0,303	-0,007	0,013	0,236	FALSE
-0,037	0,314	0,000	0,007	0,013	FALSE
-0,108	0,309	-0,004	0,010	0,151	FALSE
0,083	0,308	0,002	0,008	0,095	FALSE
-0,023	0,303	0,000	0,008	0,012	FALSE
0,019	0,299	0,001	0,009	0,052	FALSE
-0,113	0,320	-0,004	0,012	0,142	FALSE
0,100	0,304	0,003	0,009	0,116	FALSE
0,015	0,306	0,001	0,010	0,045	FALSE
-0,080	0,297	-0,002	0,006	0,136	FALSE
0,000	0,298	0,000	0,008	0,011	FALSE
-0,004	0,305	0,001	0,007	0,037	FALSE
0,066	0,309	0,002	0,007	0,105	FALSE
-0,011	0,309	-0,001	0,012	0,035	FALSE
-0,004	0,303	-0,001	0,011	0,043	FALSE
-0,070	0,318	-0,002	0,010	0,087	FALSE
0,077	0,302	0,003	0,009	0,114	FALSE
-0,013	0,310	-0,002	0,011	0,069	FALSE
0,061	0,317	0,003	0,011	0,089	FALSE
0,062	0,304	0,001	0,008	0,054	FALSE
0,164	0,308	0,004	0,008	0,217	FALSE
-0,054	0,310	-0,001	0,007	0,032	FALSE

-0,045	0,308	-0,001	0,007	0,028	FALSE
-0,070	0,313	-0,002	0,008	0,072	FALSE
0,174	0,293	0,005	0,009	0,254	FALSE
-0,094	0,301	-0,004	0,011	0,123	FALSE
0,100	0,316	0,003	0,010	0,133	FALSE
-0,001	0,314	0,000	0,013	0,011	FALSE
-0,026	0,312	0,000	0,007	0,016	FALSE
0,072	0,312	0,002	0,007	0,079	FALSE
0,048	0,291	0,001	0,008	0,049	FALSE
0,099	0,306	0,002	0,007	0,098	FALSE
-0,020	0,311	-0,001	0,012	0,017	FALSE
-0,009	0,310	0,000	0,007	0,006	FALSE
0,061	0,320	0,002	0,011	0,073	FALSE
-0,106	0,300	-0,004	0,011	0,162	FALSE
0,034	0,306	0,002	0,011	0,054	FALSE
0,030	0,314	0,001	0,006	0,030	FALSE
0,066	0,301	0,002	0,007	0,106	FALSE
-0,081	0,302	-0,004	0,012	0,120	FALSE
-0,096	0,305	-0,002	0,007	0,105	FALSE
0,130	0,297	0,005	0,011	0,205	FALSE
0,092	0,303	0,003	0,008	0,153	FALSE
0,030	0,297	0,000	0,010	0,001	FALSE
-0,010	0,302	0,000	0,007	0,021	FALSE
0,032	0,301	0,001	0,010	0,019	FALSE
0,010	0,320	0,000	0,010	0,012	FALSE
0,069	0,310	0,003	0,009	0,116	FALSE
0,067	0,314	0,002	0,006	0,098	FALSE
0,061	0,321	0,002	0,008	0,105	FALSE
-0,026	0,312	0,000	0,011	0,007	FALSE
-0,091	0,310	-0,002	0,007	0,116	FALSE
-0,054	0,301	0,000	0,007	0,019	FALSE
0,100	0,295	0,003	0,007	0,162	FALSE
-0,016	0,322	-0,001	0,007	0,031	FALSE
0,022	0,325	0,001	0,007	0,045	FALSE
0,029	0,306	0,000	0,007	0,023	FALSE
0,044	0,303	0,001	0,007	0,068	FALSE
0,055	0,307	0,001	0,008	0,057	FALSE
0,047	0,307	0,001	0,006	0,042	FALSE
-0,019	0,309	-0,001	0,008	0,025	FALSE
-0,013	0,311	0,000	0,010	0,017	FALSE
-0,001	0,324	0,000	0,013	0,000	FALSE
0,065	0,303	0,002	0,011	0,088	FALSE
-0,082	0,302	-0,002	0,009	0,102	FALSE
0,059	0,314	0,003	0,013	0,096	FALSE
0,006	0,315	0,000	0,007	0,007	FALSE
-0,068	0,310	-0,002	0,010	0,079	FALSE
-0,141	0,311	-0,003	0,007	0,148	FALSE
-0,064	0,321	-0,003	0,013	0,087	FALSE
0,132	0,298	0,007	0,012	0,235	FALSE
0,052	0,309	0,002	0,009	0,090	FALSE
-0,042	0,304	-0,002	0,010	0,069	FALSE
-0,090	0,298	-0,004	0,011	0,123	FALSE
-0,058	0,326	-0,002	0,012	0,068	FALSE

-0,058	0,326	-0,002	0,012	0,070	FALSE
-0,077	0,321	-0,003	0,012	0,099	FALSE
-0,154	0,298	-0,006	0,013	0,208	FALSE
-0,028	0,305	-0,001	0,007	0,032	FALSE
-0,138	0,298	-0,003	0,006	0,182	FALSE
-0,137	0,309	-0,006	0,013	0,188	FALSE
-0,154	0,308	-0,006	0,012	0,210	FALSE
0,176	0,308	0,007	0,011	0,270	FALSE
0,062	0,314	0,002	0,008	0,093	FALSE
-0,056	0,305	-0,001	0,007	0,071	FALSE
0,018	0,321	0,000	0,007	0,012	FALSE
-0,076	0,307	-0,002	0,009	0,106	FALSE
-0,015	0,308	-0,001	0,010	0,041	FALSE
0,006	0,309	0,000	0,010	0,013	FALSE
-0,004	0,322	0,000	0,012	0,007	FALSE
0,023	0,295	0,001	0,009	0,026	FALSE
-0,019	0,304	-0,001	0,012	0,039	FALSE
-0,080	0,298	-0,001	0,006	0,088	FALSE
-0,028	0,318	-0,001	0,007	0,027	FALSE
-0,019	0,302	-0,001	0,009	0,026	FALSE
-0,075	0,296	-0,002	0,009	0,075	FALSE
-0,008	0,315	-0,001	0,008	0,023	FALSE
-0,091	0,316	-0,002	0,009	0,091	FALSE
-0,095	0,307	-0,002	0,007	0,131	FALSE
-0,069	0,294	-0,001	0,010	0,056	FALSE
-0,087	0,319	-0,004	0,012	0,141	FALSE
-0,024	0,307	-0,001	0,008	0,028	FALSE
0,062	0,314	0,002	0,009	0,093	FALSE
-0,113	0,292	-0,004	0,009	0,166	FALSE
0,079	0,305	0,001	0,007	0,060	FALSE
0,032	0,305	0,001	0,010	0,030	FALSE
-0,060	0,320	-0,002	0,008	0,079	FALSE
-0,105	0,305	-0,003	0,008	0,132	FALSE
0,010	0,312	0,001	0,011	0,022	FALSE
0,035	0,297	0,001	0,007	0,038	FALSE
-0,040	0,320	-0,001	0,008	0,042	FALSE
0,024	0,302	0,001	0,009	0,037	FALSE
0,217	0,286	0,004	0,006	0,312	FALSE
0,055	0,309	0,002	0,007	0,095	FALSE
0,044	0,298	0,001	0,009	0,030	FALSE
0,074	0,307	0,003	0,011	0,108	FALSE
-0,112	0,317	-0,004	0,009	0,157	FALSE
-0,071	0,315	-0,002	0,009	0,101	FALSE
-0,017	0,317	0,000	0,008	0,002	FALSE
-0,012	0,302	0,000	0,008	0,009	FALSE
0,124	0,307	0,003	0,008	0,166	FALSE
0,056	0,297	0,002	0,012	0,050	FALSE
-0,025	0,314	-0,001	0,013	0,030	FALSE
0,074	0,319	0,003	0,013	0,084	FALSE
-0,079	0,297	-0,004	0,013	0,109	FALSE
-0,056	0,300	-0,002	0,012	0,061	FALSE
0,075	0,312	0,003	0,009	0,111	FALSE
-0,038	0,310	-0,002	0,011	0,062	FALSE

0,030	0,313	0,001	0,012	0,043	FALSE
-0,174	0,309	-0,005	0,008	0,279	FALSE
0,147	0,301	0,006	0,012	0,207	FALSE
-0,031	0,309	-0,001	0,007	0,037	FALSE
0,116	0,303	0,004	0,010	0,168	FALSE
-0,102	0,311	-0,004	0,012	0,118	FALSE
0,013	0,310	0,000	0,006	0,023	FALSE
0,032	0,296	0,001	0,006	0,068	FALSE
0,035	0,303	0,001	0,007	0,077	FALSE
-0,056	0,298	-0,002	0,009	0,111	FALSE
-0,058	0,311	-0,001	0,011	0,047	FALSE
-0,050	0,318	-0,002	0,012	0,075	FALSE
-0,096	0,299	-0,002	0,008	0,098	FALSE
-0,013	0,314	0,001	0,011	0,017	FALSE
0,066	0,297	0,002	0,008	0,075	FALSE
-0,090	0,308	-0,003	0,009	0,140	FALSE
-0,211	0,312	-0,009	0,012	0,319	FALSE
-0,029	0,315	-0,001	0,009	0,059	FALSE
0,053	0,312	0,002	0,011	0,063	FALSE
0,004	0,295	0,001	0,011	0,024	FALSE
0,061	0,304	0,001	0,007	0,062	FALSE
-0,095	0,302	-0,004	0,012	0,128	FALSE
0,019	0,304	0,001	0,010	0,032	FALSE
0,006	0,314	0,000	0,010	0,015	FALSE
-0,166	0,284	-0,007	0,012	0,248	FALSE
0,073	0,306	0,002	0,013	0,070	FALSE
-0,055	0,297	-0,001	0,007	0,080	FALSE
0,008	0,302	0,001	0,011	0,020	FALSE
0,083	0,305	0,003	0,010	0,110	FALSE
0,106	0,318	0,003	0,010	0,135	FALSE
0,064	0,294	0,002	0,007	0,085	FALSE
-0,052	0,300	-0,003	0,013	0,098	FALSE
-0,162	0,307	-0,007	0,013	0,228	FALSE
-0,189	0,293	-0,006	0,009	0,281	FALSE
-0,083	0,287	-0,003	0,012	0,099	FALSE
-0,066	0,295	-0,002	0,012	0,070	FALSE
-0,004	0,314	0,000	0,013	0,013	FALSE
-0,017	0,302	0,000	0,012	0,008	FALSE
0,065	0,300	0,003	0,008	0,127	FALSE
-0,038	0,296	-0,001	0,012	0,040	FALSE
-0,106	0,310	-0,003	0,009	0,116	FALSE
-0,096	0,319	-0,003	0,010	0,128	FALSE
-0,061	0,300	-0,002	0,009	0,090	FALSE
-0,024	0,296	-0,001	0,008	0,023	FALSE
-0,139	0,307	-0,003	0,008	0,151	FALSE
-0,095	0,311	-0,002	0,009	0,096	FALSE
-0,029	0,291	-0,001	0,008	0,028	FALSE
0,086	0,301	0,003	0,008	0,125	FALSE
0,141	0,301	0,004	0,008	0,217	FALSE
-0,019	0,307	0,000	0,008	0,020	FALSE
0,038	0,325	0,001	0,007	0,073	FALSE
0,024	0,309	0,001	0,006	0,053	FALSE
0,026	0,315	0,001	0,007	0,046	FALSE

0,006	0,320	0,001	0,008	0,034	FALSE
0,075	0,304	0,002	0,009	0,086	FALSE
0,015	0,313	0,000	0,009	0,011	FALSE
0,046	0,302	0,001	0,007	0,029	FALSE
-0,009	0,322	0,000	0,009	0,015	FALSE
-0,043	0,302	-0,001	0,007	0,029	FALSE
-0,035	0,295	-0,001	0,011	0,024	FALSE
-0,001	0,295	0,000	0,007	0,008	FALSE
0,079	0,290	0,002	0,009	0,096	FALSE
0,125	0,281	0,005	0,012	0,173	FALSE
-0,020	0,296	0,000	0,009	0,009	FALSE
0,001	0,299	0,001	0,009	0,050	FALSE
-0,006	0,309	0,000	0,009	0,006	FALSE
0,054	0,303	0,001	0,007	0,079	FALSE
-0,122	0,289	-0,005	0,012	0,154	FALSE
-0,009	0,314	0,000	0,008	0,017	FALSE
0,036	0,309	0,001	0,010	0,040	FALSE
0,023	0,318	0,001	0,012	0,023	FALSE
-0,005	0,325	0,000	0,012	0,005	FALSE
0,141	0,311	0,003	0,007	0,190	FALSE
-0,016	0,308	-0,001	0,009	0,024	FALSE
0,082	0,317	0,003	0,010	0,099	FALSE
-0,051	0,295	-0,002	0,008	0,088	FALSE
-0,042	0,294	-0,002	0,008	0,074	FALSE
-0,039	0,293	-0,002	0,008	0,072	FALSE
-0,014	0,305	-0,001	0,011	0,041	FALSE
-0,124	0,316	-0,003	0,007	0,139	FALSE
-0,002	0,309	0,000	0,011	0,015	FALSE
0,003	0,300	0,001	0,012	0,031	FALSE
-0,042	0,307	-0,001	0,013	0,033	FALSE
0,020	0,298	0,002	0,012	0,062	FALSE
0,060	0,305	0,002	0,008	0,117	FALSE
0,039	0,316	0,002	0,013	0,064	FALSE
-0,121	0,314	-0,004	0,008	0,203	FALSE
0,129	0,304	0,004	0,009	0,168	FALSE
-0,077	0,288	-0,004	0,012	0,120	FALSE
-0,020	0,310	-0,002	0,012	0,051	FALSE
0,076	0,335	0,003	0,011	0,092	FALSE
-0,082	0,319	-0,003	0,010	0,108	FALSE
0,036	0,304	0,001	0,012	0,022	FALSE
-0,026	0,307	0,000	0,012	0,013	FALSE
-0,029	0,307	-0,001	0,011	0,043	FALSE
0,067	0,302	0,002	0,013	0,065	FALSE
0,004	0,315	0,000	0,012	0,009	FALSE
-0,016	0,312	-0,001	0,012	0,022	FALSE
-0,023	0,309	-0,001	0,012	0,039	FALSE
0,025	0,309	0,001	0,013	0,025	FALSE
0,030	0,317	0,001	0,013	0,016	FALSE
0,010	0,318	0,000	0,013	0,004	FALSE
-0,027	0,307	0,000	0,008	0,004	FALSE
0,009	0,301	0,001	0,008	0,054	FALSE
-0,036	0,306	-0,001	0,013	0,021	FALSE
0,024	0,306	0,002	0,011	0,057	FALSE

0,010	0,309	0,001	0,011	0,039	FALSE
-0,004	0,307	0,000	0,010	0,004	FALSE
-0,041	0,310	-0,001	0,007	0,059	FALSE
0,085	0,301	0,002	0,008	0,104	FALSE
-0,005	0,320	-0,001	0,013	0,017	FALSE
-0,064	0,322	-0,002	0,010	0,095	FALSE
0,095	0,309	0,004	0,011	0,145	FALSE
-0,026	0,304	0,000	0,012	0,004	FALSE
-0,021	0,299	0,000	0,012	0,006	FALSE
-0,060	0,295	-0,002	0,013	0,045	FALSE
-0,064	0,314	-0,001	0,010	0,047	FALSE
0,156	0,307	0,005	0,010	0,218	FALSE
-0,098	0,322	-0,002	0,007	0,129	FALSE
-0,079	0,327	-0,002	0,007	0,101	FALSE
0,107	0,305	0,004	0,013	0,125	FALSE
-0,013	0,300	0,000	0,008	0,022	FALSE
0,023	0,300	0,000	0,009	0,006	FALSE
0,122	0,297	0,003	0,008	0,145	FALSE
0,046	0,296	0,001	0,007	0,065	FALSE
-0,052	0,302	-0,001	0,007	0,041	FALSE
-0,044	0,317	-0,001	0,007	0,053	FALSE
-0,045	0,306	-0,001	0,009	0,055	FALSE
-0,184	0,308	-0,008	0,013	0,281	FALSE
0,058	0,318	0,001	0,007	0,052	FALSE
0,035	0,311	0,001	0,011	0,030	FALSE
0,040	0,310	0,001	0,009	0,035	FALSE
0,075	0,305	0,002	0,008	0,088	FALSE
-0,037	0,301	-0,001	0,008	0,031	FALSE
-0,008	0,302	-0,001	0,008	0,039	FALSE
-0,024	0,305	-0,001	0,008	0,022	FALSE
0,194	0,292	0,008	0,013	0,273	FALSE
0,066	0,307	0,002	0,007	0,092	FALSE
0,067	0,297	0,001	0,006	0,070	FALSE
-0,057	0,310	-0,001	0,007	0,054	FALSE
-0,060	0,311	-0,001	0,007	0,057	FALSE
-0,051	0,327	-0,001	0,007	0,046	FALSE
-0,050	0,321	-0,001	0,007	0,055	FALSE
0,039	0,316	0,001	0,009	0,042	FALSE
0,027	0,300	0,001	0,010	0,047	FALSE
-0,030	0,316	0,000	0,008	0,021	FALSE
0,030	0,298	0,001	0,013	0,033	FALSE
0,003	0,308	0,000	0,012	0,011	FALSE
0,028	0,327	0,000	0,014	0,009	FALSE
0,044	0,300	0,001	0,006	0,085	FALSE
-0,040	0,307	-0,001	0,012	0,024	FALSE
-0,002	0,320	-0,001	0,013	0,020	FALSE
-0,108	0,308	-0,003	0,011	0,111	FALSE
-0,134	0,311	-0,003	0,007	0,162	FALSE
0,007	0,301	-0,001	0,012	0,020	FALSE
0,038	0,293	0,000	0,012	0,012	FALSE
0,079	0,299	0,002	0,010	0,076	FALSE
0,074	0,310	0,002	0,011	0,080	FALSE
-0,087	0,304	-0,004	0,013	0,125	FALSE

-0,017	0,301	0,000	0,006	0,016	FALSE
-0,032	0,297	-0,002	0,012	0,054	FALSE
0,037	0,312	0,001	0,011	0,038	FALSE
-0,024	0,308	-0,001	0,007	0,036	FALSE
-0,002	0,309	0,000	0,009	0,014	FALSE
0,073	0,293	0,001	0,007	0,073	FALSE
0,010	0,319	0,000	0,007	0,022	FALSE
0,042	0,317	0,001	0,013	0,036	FALSE
0,020	0,317	0,000	0,011	0,002	FALSE
-0,063	0,293	-0,002	0,007	0,092	FALSE
0,010	0,293	0,000	0,009	0,002	FALSE
0,084	0,300	0,003	0,010	0,097	FALSE
-0,062	0,311	-0,001	0,008	0,045	FALSE
-0,071	0,302	-0,002	0,008	0,079	FALSE
0,013	0,299	0,000	0,008	0,009	FALSE
0,060	0,297	0,002	0,009	0,094	FALSE
-0,004	0,300	0,000	0,010	0,009	FALSE
-0,002	0,298	0,001	0,008	0,028	FALSE
-0,002	0,317	0,000	0,008	0,017	FALSE
-0,014	0,307	-0,001	0,012	0,043	FALSE
0,071	0,306	0,002	0,012	0,068	FALSE
0,092	0,306	0,004	0,012	0,121	FALSE
0,053	0,308	0,002	0,013	0,073	FALSE
-0,072	0,305	-0,003	0,013	0,075	FALSE
-0,093	0,299	-0,002	0,007	0,101	FALSE
-0,036	0,302	-0,001	0,006	0,044	FALSE
-0,009	0,308	0,000	0,010	0,002	FALSE
-0,002	0,327	0,000	0,009	0,010	FALSE
0,032	0,303	0,001	0,007	0,056	FALSE
-0,102	0,309	-0,002	0,007	0,121	FALSE
-0,027	0,315	-0,001	0,013	0,032	FALSE
0,001	0,306	0,000	0,006	0,009	FALSE
0,118	0,293	0,003	0,007	0,157	FALSE
0,028	0,313	0,001	0,007	0,028	FALSE
0,141	0,304	0,005	0,009	0,226	FALSE
0,037	0,314	0,001	0,008	0,029	FALSE
-0,068	0,305	-0,002	0,007	0,101	FALSE
0,000	0,304	0,000	0,007	0,022	FALSE
-0,038	0,303	-0,001	0,008	0,040	FALSE
-0,089	0,302	-0,004	0,013	0,111	FALSE
-0,125	0,313	-0,005	0,013	0,154	FALSE
-0,082	0,309	-0,001	0,007	0,077	FALSE
-0,104	0,316	-0,004	0,010	0,164	FALSE
-0,009	0,303	0,000	0,013	0,004	FALSE
0,010	0,315	0,000	0,007	0,010	FALSE
0,054	0,303	0,001	0,008	0,070	FALSE
0,045	0,313	0,001	0,010	0,048	FALSE
-0,031	0,303	-0,001	0,012	0,041	FALSE
0,013	0,315	0,000	0,013	0,009	FALSE
0,076	0,309	0,002	0,007	0,096	FALSE
-0,043	0,306	-0,001	0,009	0,039	FALSE
0,024	0,292	0,001	0,010	0,029	FALSE
-0,022	0,303	-0,001	0,012	0,033	FALSE

0,066	0,316	0,002	0,007	0,079	FALSE
-0,035	0,308	-0,001	0,007	0,031	FALSE
-0,051	0,310	-0,001	0,008	0,062	FALSE
0,028	0,304	0,001	0,009	0,045	FALSE
-0,037	0,299	-0,002	0,010	0,068	FALSE
-0,073	0,305	-0,002	0,010	0,084	FALSE
-0,037	0,307	-0,002	0,012	0,057	FALSE
-0,036	0,310	-0,001	0,009	0,037	FALSE
-0,073	0,320	-0,003	0,012	0,084	FALSE
0,069	0,311	0,003	0,011	0,100	FALSE
-0,020	0,323	-0,001	0,010	0,032	FALSE
0,060	0,313	0,003	0,012	0,086	FALSE
0,100	0,316	0,003	0,010	0,137	FALSE
0,085	0,300	0,003	0,008	0,124	FALSE
0,066	0,298	0,002	0,008	0,099	FALSE
-0,069	0,298	-0,003	0,012	0,090	FALSE
-0,008	0,286	0,000	0,011	0,015	FALSE
-0,089	0,302	-0,003	0,008	0,141	FALSE
0,007	0,314	0,000	0,009	0,006	FALSE
-0,127	0,311	-0,005	0,011	0,195	FALSE
-0,021	0,320	0,000	0,008	0,012	FALSE
-0,110	0,302	-0,004	0,013	0,140	FALSE
0,040	0,290	0,002	0,011	0,066	FALSE
-0,049	0,310	-0,001	0,013	0,023	FALSE
-0,061	0,315	-0,002	0,009	0,066	FALSE
0,051	0,310	0,002	0,011	0,075	FALSE
-0,058	0,299	-0,002	0,010	0,071	FALSE
-0,054	0,306	-0,001	0,007	0,065	FALSE
-0,032	0,313	-0,001	0,013	0,036	FALSE
0,156	0,307	0,003	0,007	0,188	FALSE
0,161	0,303	0,004	0,008	0,210	FALSE
0,160	0,302	0,004	0,008	0,196	FALSE
0,165	0,294	0,005	0,009	0,235	FALSE
0,034	0,306	0,002	0,010	0,065	FALSE
-0,021	0,315	-0,001	0,008	0,026	FALSE
-0,042	0,304	-0,001	0,009	0,026	FALSE
0,071	0,319	0,002	0,007	0,098	FALSE
-0,002	0,313	0,000	0,007	0,012	FALSE
-0,053	0,317	-0,002	0,011	0,069	FALSE
-0,006	0,328	0,000	0,013	0,007	FALSE
0,089	0,299	0,003	0,012	0,112	FALSE
0,076	0,314	0,002	0,009	0,072	FALSE
0,003	0,300	0,001	0,011	0,048	FALSE
0,000	0,296	0,000	0,006	0,009	FALSE
0,029	0,308	0,002	0,013	0,044	FALSE
0,004	0,303	0,000	0,012	0,013	FALSE
0,116	0,308	0,002	0,007	0,123	FALSE
-0,025	0,319	-0,001	0,007	0,029	FALSE
0,043	0,310	0,001	0,006	0,054	FALSE
-0,041	0,316	-0,001	0,007	0,040	FALSE
-0,075	0,303	-0,004	0,013	0,120	FALSE
-0,016	0,293	-0,001	0,006	0,030	FALSE
-0,008	0,304	0,000	0,009	0,009	FALSE

0,014	0,310	0,000	0,009	0,017	FALSE
-0,022	0,313	0,000	0,010	0,011	FALSE
-0,096	0,304	-0,002	0,007	0,101	FALSE
0,028	0,316	0,001	0,012	0,036	FALSE
0,100	0,305	0,004	0,013	0,120	FALSE
0,141	0,314	0,006	0,013	0,196	FALSE
0,178	0,304	0,008	0,013	0,261	FALSE
-0,012	0,296	0,000	0,009	0,020	FALSE
-0,054	0,309	-0,002	0,013	0,054	FALSE
-0,052	0,314	-0,002	0,012	0,060	FALSE
0,121	0,295	0,003	0,008	0,160	FALSE
-0,070	0,293	-0,002	0,011	0,084	FALSE
0,037	0,310	0,001	0,012	0,034	FALSE
-0,021	0,306	0,000	0,008	0,022	FALSE
-0,001	0,296	0,000	0,007	0,017	FALSE
0,028	0,307	0,001	0,009	0,030	FALSE
0,095	0,294	0,004	0,012	0,142	FALSE
-0,010	0,302	0,000	0,010	0,017	FALSE
-0,186	0,314	-0,006	0,009	0,274	FALSE
-0,127	0,308	-0,005	0,012	0,180	FALSE
0,049	0,305	0,001	0,013	0,039	FALSE
0,004	0,320	0,000	0,012	0,010	FALSE
-0,025	0,320	0,000	0,008	0,005	FALSE
0,012	0,318	0,000	0,006	0,004	FALSE
0,134	0,297	0,004	0,010	0,185	FALSE
0,117	0,300	0,003	0,009	0,152	FALSE
-0,014	0,316	-0,001	0,012	0,018	FALSE
-0,042	0,300	-0,001	0,010	0,053	FALSE
-0,019	0,311	-0,001	0,010	0,028	FALSE
0,009	0,300	0,000	0,008	0,019	FALSE
0,029	0,317	0,001	0,011	0,025	FALSE
-0,019	0,310	-0,001	0,012	0,026	FALSE
0,126	0,294	0,003	0,007	0,165	FALSE
0,018	0,303	0,001	0,012	0,032	FALSE
0,027	0,303	0,001	0,007	0,051	FALSE
-0,074	0,295	-0,002	0,007	0,100	FALSE
-0,030	0,305	-0,001	0,013	0,042	FALSE
-0,138	0,303	-0,003	0,006	0,173	FALSE
-0,005	0,305	0,000	0,013	0,002	FALSE
0,026	0,309	0,000	0,009	0,007	FALSE
-0,019	0,288	-0,001	0,008	0,042	FALSE
0,104	0,306	0,002	0,007	0,121	FALSE
0,091	0,293	0,003	0,010	0,125	FALSE
0,023	0,324	0,000	0,008	0,013	FALSE
-0,078	0,317	-0,001	0,006	0,091	FALSE
-0,038	0,300	-0,001	0,010	0,054	FALSE
0,014	0,296	0,000	0,008	0,011	FALSE
-0,004	0,302	0,000	0,008	0,020	FALSE
-0,063	0,289	-0,002	0,008	0,089	FALSE
-0,085	0,307	-0,003	0,009	0,110	FALSE
0,026	0,301	0,002	0,012	0,059	FALSE
-0,064	0,308	-0,001	0,007	0,066	FALSE
0,019	0,305	0,001	0,009	0,032	FALSE

0,029	0,316	0,001	0,007	0,045	FALSE
-0,100	0,302	-0,003	0,007	0,137	FALSE
-0,119	0,313	-0,003	0,008	0,166	FALSE
-0,100	0,307	-0,003	0,009	0,144	FALSE
-0,149	0,306	-0,005	0,009	0,205	FALSE
-0,086	0,318	-0,001	0,006	0,088	FALSE
-0,055	0,295	-0,001	0,006	0,043	FALSE
0,007	0,324	0,000	0,008	0,005	FALSE
-0,020	0,298	-0,001	0,012	0,029	FALSE
0,016	0,314	0,001	0,009	0,029	FALSE
-0,075	0,319	-0,002	0,007	0,115	FALSE
0,065	0,304	0,002	0,007	0,103	FALSE
0,069	0,296	0,002	0,010	0,079	FALSE
-0,026	0,312	-0,001	0,008	0,037	FALSE
-0,090	0,308	-0,002	0,009	0,086	FALSE
-0,043	0,317	-0,001	0,011	0,035	FALSE
-0,167	0,305	-0,006	0,011	0,229	FALSE
0,178	0,289	0,007	0,012	0,259	FALSE
-0,158	0,312	-0,006	0,011	0,206	FALSE
-0,019	0,311	0,000	0,006	0,012	FALSE
-0,024	0,318	0,000	0,007	0,021	FALSE
0,055	0,303	0,002	0,007	0,102	FALSE
-0,066	0,314	-0,001	0,007	0,062	FALSE
-0,084	0,306	-0,005	0,013	0,155	FALSE
-0,161	0,320	-0,005	0,009	0,220	FALSE
-0,138	0,316	-0,004	0,008	0,191	FALSE
0,116	0,294	0,004	0,011	0,162	FALSE
0,093	0,309	0,002	0,009	0,087	FALSE
-0,059	0,304	-0,002	0,009	0,068	FALSE
-0,066	0,300	-0,002	0,009	0,071	FALSE
-0,087	0,316	-0,003	0,011	0,090	FALSE
-0,048	0,301	-0,001	0,008	0,035	FALSE
-0,017	0,312	0,000	0,012	0,004	FALSE
0,001	0,298	0,000	0,011	0,014	FALSE
0,023	0,306	0,001	0,011	0,036	FALSE
0,042	0,313	0,002	0,013	0,069	FALSE
0,126	0,285	0,005	0,010	0,201	FALSE
0,115	0,299	0,004	0,010	0,175	FALSE
-0,110	0,313	-0,003	0,009	0,142	FALSE
0,018	0,302	0,001	0,007	0,037	FALSE
0,164	0,307	0,006	0,013	0,191	FALSE
0,105	0,314	0,004	0,010	0,167	FALSE
-0,047	0,311	-0,001	0,009	0,042	FALSE
0,171	0,304	0,005	0,010	0,245	FALSE
-0,026	0,306	-0,001	0,012	0,021	FALSE
0,007	0,300	0,001	0,011	0,017	FALSE
0,049	0,318	0,001	0,008	0,065	FALSE
-0,021	0,305	-0,001	0,008	0,035	FALSE
-0,054	0,312	-0,002	0,007	0,096	FALSE
0,001	0,310	0,000	0,007	0,002	FALSE
0,098	0,304	0,004	0,011	0,142	FALSE
-0,003	0,297	0,000	0,009	0,000	FALSE
0,016	0,311	0,000	0,009	0,013	FALSE

0,001	0,310	0,000	0,010	0,008	FALSE
0,011	0,304	0,001	0,006	0,037	FALSE
0,089	0,296	0,003	0,009	0,118	FALSE
0,074	0,301	0,003	0,009	0,109	FALSE
0,036	0,304	0,001	0,009	0,047	FALSE
-0,094	0,305	-0,003	0,009	0,118	FALSE
-0,057	0,307	-0,002	0,008	0,075	FALSE
-0,074	0,299	-0,001	0,006	0,071	FALSE
-0,019	0,302	-0,001	0,009	0,036	FALSE
-0,075	0,318	-0,003	0,012	0,085	FALSE
0,058	0,302	0,001	0,010	0,054	FALSE
0,025	0,319	0,001	0,013	0,031	FALSE
-0,031	0,302	-0,001	0,009	0,022	FALSE
0,002	0,305	0,000	0,007	0,009	FALSE
-0,080	0,323	-0,002	0,012	0,077	FALSE
-0,051	0,309	-0,002	0,010	0,057	FALSE
0,056	0,302	0,001	0,008	0,054	FALSE
0,012	0,305	0,000	0,008	0,003	FALSE
0,042	0,295	0,001	0,012	0,020	FALSE
0,061	0,302	0,001	0,010	0,040	FALSE
0,075	0,311	0,003	0,013	0,096	FALSE
-0,026	0,291	-0,001	0,008	0,068	FALSE
-0,132	0,309	-0,003	0,008	0,152	FALSE
0,010	0,304	0,000	0,008	0,006	FALSE
0,125	0,318	0,003	0,007	0,173	FALSE
0,204	0,289	0,008	0,012	0,274	TRUE
0,107	0,314	0,003	0,011	0,110	FALSE
-0,002	0,319	0,001	0,007	0,029	FALSE
-0,002	0,298	0,001	0,013	0,037	FALSE
-0,031	0,290	0,000	0,011	0,010	FALSE
-0,057	0,300	-0,001	0,012	0,030	FALSE
-0,098	0,303	-0,004	0,013	0,123	FALSE
0,129	0,310	0,005	0,012	0,156	FALSE
0,111	0,299	0,004	0,012	0,145	FALSE
-0,043	0,317	-0,002	0,009	0,083	FALSE
-0,055	0,309	-0,002	0,012	0,055	FALSE
-0,023	0,297	0,000	0,010	0,009	FALSE
-0,019	0,295	0,000	0,011	0,010	FALSE
0,132	0,305	0,003	0,007	0,171	FALSE
0,006	0,297	0,001	0,007	0,038	FALSE
-0,002	0,299	0,001	0,007	0,029	FALSE
0,027	0,327	0,000	0,008	0,006	FALSE
-0,109	0,311	-0,003	0,008	0,153	FALSE
0,024	0,321	0,001	0,007	0,035	FALSE
0,046	0,304	0,001	0,008	0,069	FALSE
-0,088	0,298	-0,003	0,010	0,132	FALSE
0,057	0,310	0,002	0,008	0,094	FALSE
-0,005	0,311	0,000	0,009	0,000	FALSE
0,056	0,312	0,002	0,010	0,086	FALSE
0,092	0,305	0,002	0,007	0,143	FALSE
0,049	0,295	0,002	0,007	0,102	FALSE
0,045	0,305	0,001	0,010	0,054	FALSE
0,062	0,313	0,002	0,011	0,067	FALSE

0,067	0,305	0,002	0,008	0,112	FALSE
0,098	0,309	0,004	0,010	0,149	FALSE
-0,099	0,298	-0,004	0,010	0,161	FALSE
-0,052	0,314	-0,002	0,008	0,077	FALSE
0,157	0,301	0,006	0,010	0,267	FALSE
-0,094	0,321	-0,003	0,011	0,101	FALSE
-0,004	0,295	0,000	0,008	0,003	FALSE
0,102	0,294	0,003	0,008	0,160	FALSE
-0,100	0,300	-0,004	0,010	0,170	FALSE
0,087	0,306	0,002	0,007	0,135	FALSE
-0,116	0,317	-0,006	0,013	0,193	FALSE
0,028	0,288	0,001	0,008	0,049	FALSE
-0,187	0,305	-0,004	0,007	0,242	FALSE
-0,188	0,298	-0,007	0,012	0,266	FALSE
-0,091	0,299	-0,003	0,009	0,145	FALSE
0,101	0,306	0,002	0,007	0,133	FALSE
0,108	0,293	0,005	0,012	0,150	FALSE
-0,175	0,307	-0,004	0,008	0,224	FALSE
0,043	0,317	0,002	0,009	0,068	FALSE
0,021	0,309	0,001	0,009	0,053	FALSE
-0,187	0,306	-0,005	0,008	0,255	FALSE
0,017	0,302	0,001	0,007	0,032	FALSE
0,071	0,315	0,002	0,010	0,068	FALSE
-0,215	0,292	-0,007	0,010	0,328	FALSE
0,131	0,309	0,005	0,011	0,178	FALSE
-0,024	0,308	-0,001	0,011	0,032	FALSE
0,013	0,320	0,001	0,011	0,027	FALSE
-0,097	0,322	-0,002	0,008	0,109	FALSE
-0,023	0,308	-0,002	0,012	0,053	FALSE
-0,042	0,317	-0,002	0,012	0,050	FALSE
-0,055	0,314	-0,001	0,008	0,048	FALSE
-0,020	0,308	-0,001	0,012	0,022	FALSE
-0,070	0,300	-0,003	0,012	0,085	FALSE
0,089	0,303	0,003	0,010	0,105	FALSE
-0,041	0,311	-0,001	0,009	0,040	FALSE
0,048	0,310	0,002	0,012	0,058	FALSE
-0,104	0,319	-0,006	0,013	0,198	FALSE
-0,052	0,313	-0,002	0,009	0,065	FALSE
-0,047	0,316	-0,001	0,007	0,051	FALSE
0,035	0,305	0,000	0,007	0,018	FALSE
-0,017	0,306	0,000	0,007	0,026	FALSE
0,023	0,307	0,001	0,012	0,021	FALSE
-0,029	0,311	-0,002	0,011	0,067	FALSE
-0,058	0,299	-0,001	0,006	0,082	FALSE
0,035	0,322	0,001	0,011	0,040	FALSE
-0,015	0,314	0,000	0,008	0,003	FALSE
-0,058	0,307	-0,002	0,009	0,074	FALSE
0,083	0,294	0,003	0,012	0,081	FALSE
0,023	0,295	0,001	0,010	0,036	FALSE
-0,007	0,296	0,000	0,006	0,001	FALSE
0,032	0,314	0,002	0,012	0,061	FALSE
0,053	0,307	0,001	0,007	0,059	FALSE
0,067	0,309	0,001	0,007	0,076	FALSE

0,029	0,306	0,001	0,008	0,041	FALSE
-0,018	0,316	-0,001	0,010	0,045	FALSE
-0,157	0,316	-0,004	0,008	0,230	FALSE
-0,140	0,322	-0,004	0,009	0,177	FALSE
-0,089	0,312	-0,002	0,012	0,075	FALSE
-0,098	0,315	-0,003	0,009	0,131	FALSE
-0,134	0,306	-0,004	0,009	0,198	FALSE
-0,093	0,309	-0,003	0,009	0,141	FALSE
0,006	0,303	0,001	0,011	0,031	FALSE
-0,081	0,302	-0,002	0,006	0,100	FALSE
0,021	0,314	0,002	0,013	0,045	FALSE
0,031	0,317	0,001	0,013	0,039	FALSE
0,076	0,316	0,003	0,012	0,104	FALSE
0,027	0,309	0,001	0,012	0,036	FALSE
0,048	0,322	0,002	0,013	0,053	FALSE
-0,095	0,297	-0,002	0,007	0,118	FALSE
0,129	0,305	0,005	0,013	0,164	FALSE
0,075	0,313	0,003	0,012	0,084	FALSE
0,063	0,298	0,002	0,011	0,051	FALSE
0,005	0,294	0,001	0,011	0,021	FALSE
0,050	0,297	0,001	0,007	0,059	FALSE
0,297	0,288	0,011	0,011	0,493	FALSE
0,210	0,286	0,007	0,010	0,311	FALSE
0,115	0,299	0,003	0,007	0,143	FALSE
0,130	0,308	0,003	0,008	0,171	FALSE
0,170	0,288	0,004	0,007	0,215	FALSE
0,125	0,314	0,003	0,008	0,146	FALSE
0,071	0,315	0,002	0,008	0,084	FALSE
-0,063	0,300	-0,002	0,008	0,113	FALSE
-0,078	0,326	-0,002	0,009	0,075	FALSE
-0,065	0,307	-0,002	0,010	0,077	FALSE
-0,036	0,319	-0,001	0,007	0,045	FALSE
-0,084	0,297	-0,002	0,010	0,084	FALSE
-0,224	0,307	-0,006	0,008	0,322	FALSE
-0,048	0,321	-0,001	0,007	0,048	FALSE
-0,095	0,297	-0,003	0,011	0,101	FALSE
0,044	0,294	0,002	0,007	0,086	FALSE
0,080	0,301	0,002	0,012	0,056	FALSE
0,039	0,307	0,001	0,009	0,046	FALSE
-0,051	0,321	-0,001	0,008	0,049	FALSE
0,035	0,327	0,000	0,013	0,012	FALSE
0,084	0,298	0,003	0,008	0,120	FALSE
-0,055	0,302	-0,003	0,012	0,090	FALSE
0,017	0,317	0,001	0,013	0,021	FALSE
-0,049	0,303	-0,001	0,009	0,052	FALSE
0,001	0,310	0,000	0,008	0,006	FALSE
0,025	0,308	0,001	0,010	0,051	FALSE
-0,069	0,302	-0,001	0,007	0,073	FALSE
0,072	0,321	0,002	0,010	0,074	FALSE
-0,016	0,285	0,000	0,012	0,013	FALSE
-0,078	0,299	-0,003	0,013	0,083	FALSE
0,026	0,303	0,000	0,007	0,025	FALSE
-0,023	0,319	0,000	0,008	0,021	FALSE

-0,052	0,312	-0,001	0,009	0,056	FALSE
0,028	0,312	0,000	0,009	0,018	FALSE
0,043	0,308	0,002	0,008	0,089	FALSE
0,092	0,300	0,003	0,009	0,103	FALSE
0,081	0,313	0,002	0,007	0,107	FALSE
0,041	0,303	0,001	0,007	0,038	FALSE
-0,024	0,294	-0,001	0,012	0,029	FALSE
-0,010	0,316	0,000	0,013	0,006	FALSE
-0,030	0,313	-0,001	0,008	0,066	FALSE
-0,101	0,294	-0,003	0,008	0,144	FALSE
0,107	0,322	0,002	0,007	0,120	FALSE
-0,009	0,312	-0,001	0,009	0,039	FALSE
0,018	0,304	0,001	0,010	0,029	FALSE
-0,089	0,312	-0,004	0,011	0,136	FALSE
-0,016	0,313	0,000	0,009	0,013	FALSE
0,045	0,302	0,001	0,009	0,042	FALSE
-0,059	0,301	-0,001	0,007	0,082	FALSE
-0,029	0,307	-0,001	0,010	0,052	FALSE
-0,080	0,310	-0,004	0,013	0,126	FALSE
-0,043	0,304	-0,002	0,010	0,058	FALSE
-0,034	0,302	-0,001	0,007	0,035	FALSE
-0,057	0,299	-0,001	0,007	0,075	FALSE
0,129	0,293	0,004	0,009	0,169	FALSE
0,059	0,298	0,001	0,013	0,029	FALSE
-0,005	0,306	0,000	0,011	0,013	FALSE
-0,011	0,295	0,000	0,006	0,004	FALSE
-0,089	0,323	-0,002	0,009	0,090	FALSE
0,015	0,292	0,001	0,009	0,050	FALSE
-0,089	0,319	-0,002	0,009	0,101	FALSE
0,088	0,287	0,004	0,010	0,144	FALSE
0,031	0,321	0,000	0,006	0,017	FALSE
-0,115	0,305	-0,004	0,013	0,123	FALSE
-0,046	0,303	-0,001	0,013	0,016	FALSE
-0,051	0,304	-0,001	0,012	0,019	FALSE
-0,051	0,297	-0,002	0,013	0,054	FALSE
0,122	0,296	0,004	0,012	0,146	FALSE
0,057	0,315	0,002	0,008	0,083	FALSE
0,051	0,309	0,001	0,007	0,070	FALSE
0,039	0,311	0,001	0,006	0,063	FALSE
0,006	0,309	0,000	0,008	0,009	FALSE
-0,035	0,316	-0,001	0,012	0,035	FALSE
0,126	0,312	0,003	0,006	0,191	FALSE
-0,086	0,303	-0,004	0,012	0,133	FALSE
-0,077	0,309	-0,002	0,007	0,085	FALSE
0,053	0,305	0,001	0,008	0,036	FALSE
0,048	0,311	0,002	0,011	0,065	FALSE
-0,090	0,316	-0,003	0,011	0,112	FALSE
0,050	0,304	0,002	0,008	0,080	FALSE
0,041	0,302	0,001	0,007	0,077	FALSE
-0,035	0,315	-0,001	0,011	0,040	FALSE
0,057	0,305	0,002	0,010	0,099	FALSE
0,123	0,314	0,005	0,012	0,178	FALSE
0,033	0,309	0,002	0,011	0,085	FALSE

0,151	0,298	0,003	0,006	0,236	FALSE
0,037	0,299	0,000	0,009	0,010	FALSE
0,064	0,317	0,001	0,010	0,055	FALSE
-0,151	0,303	-0,005	0,012	0,178	FALSE
0,054	0,312	0,002	0,012	0,054	FALSE
-0,109	0,306	-0,003	0,011	0,119	FALSE
-0,098	0,317	-0,003	0,011	0,111	FALSE
0,096	0,298	0,003	0,007	0,154	FALSE
-0,002	0,306	0,000	0,008	0,010	FALSE
-0,061	0,307	-0,001	0,008	0,041	FALSE
0,016	0,300	0,000	0,010	0,018	FALSE
0,003	0,307	0,001	0,010	0,049	FALSE
0,039	0,300	0,002	0,012	0,063	FALSE
-0,054	0,308	-0,001	0,008	0,064	FALSE
0,041	0,299	0,002	0,007	0,090	FALSE
0,042	0,309	0,002	0,008	0,083	FALSE
0,045	0,308	0,002	0,012	0,076	FALSE
0,021	0,305	0,001	0,008	0,029	FALSE
0,080	0,311	0,002	0,007	0,104	FALSE
-0,081	0,316	-0,004	0,012	0,116	FALSE
0,010	0,310	0,001	0,007	0,034	FALSE
-0,031	0,312	0,000	0,007	0,023	FALSE
-0,057	0,299	-0,002	0,009	0,093	FALSE
-0,081	0,293	-0,002	0,010	0,096	FALSE
0,015	0,316	0,000	0,009	0,010	FALSE
0,066	0,285	0,001	0,007	0,047	FALSE
0,019	0,300	0,001	0,012	0,035	FALSE
0,086	0,311	0,003	0,008	0,159	FALSE
0,008	0,319	0,001	0,013	0,018	FALSE
0,030	0,301	0,001	0,011	0,041	FALSE
0,087	0,312	0,002	0,009	0,100	FALSE
-0,053	0,302	-0,001	0,009	0,053	FALSE
-0,014	0,301	0,000	0,009	0,006	FALSE
0,078	0,305	0,003	0,011	0,093	FALSE
-0,051	0,308	-0,002	0,007	0,082	FALSE
0,000	0,321	-0,001	0,011	0,020	FALSE
0,033	0,296	0,002	0,010	0,075	FALSE
0,000	0,307	0,001	0,011	0,039	FALSE
0,120	0,303	0,002	0,006	0,148	FALSE
0,099	0,309	0,003	0,009	0,111	FALSE
0,125	0,322	0,004	0,010	0,145	FALSE
0,033	0,303	0,001	0,009	0,033	FALSE
0,123	0,305	0,002	0,007	0,148	FALSE
0,066	0,303	0,002	0,010	0,085	FALSE
-0,197	0,295	-0,005	0,007	0,276	FALSE
0,027	0,299	0,001	0,010	0,045	FALSE
-0,003	0,309	0,000	0,007	0,019	FALSE
-0,021	0,298	-0,001	0,007	0,036	FALSE
0,055	0,309	0,002	0,007	0,086	FALSE
0,036	0,304	0,002	0,011	0,058	FALSE
0,103	0,312	0,002	0,009	0,110	FALSE
-0,065	0,302	-0,002	0,009	0,080	FALSE
0,009	0,309	0,000	0,008	0,003	FALSE

0,000	0,310	0,000	0,007	0,005	FALSE
0,082	0,301	0,003	0,013	0,078	FALSE
-0,019	0,303	-0,001	0,012	0,025	FALSE
0,014	0,310	0,001	0,010	0,022	FALSE
0,032	0,295	0,002	0,012	0,048	FALSE
0,020	0,301	0,000	0,009	0,009	FALSE
0,006	0,309	0,000	0,009	0,007	FALSE
0,023	0,300	0,001	0,006	0,042	FALSE
0,031	0,303	0,001	0,007	0,033	FALSE
-0,036	0,306	-0,001	0,010	0,032	FALSE
0,029	0,300	0,001	0,006	0,071	FALSE
0,025	0,311	0,001	0,006	0,057	FALSE
-0,024	0,306	-0,001	0,012	0,028	FALSE
-0,008	0,321	0,000	0,007	0,002	FALSE
0,086	0,314	0,003	0,012	0,086	FALSE
0,097	0,304	0,003	0,012	0,113	FALSE
-0,024	0,302	-0,001	0,010	0,018	FALSE
-0,058	0,301	-0,002	0,012	0,069	FALSE
0,004	0,307	0,001	0,009	0,032	FALSE
0,077	0,312	0,003	0,011	0,113	FALSE
-0,099	0,321	-0,004	0,013	0,112	FALSE
-0,019	0,308	0,000	0,007	0,026	FALSE
0,076	0,318	0,003	0,013	0,098	FALSE
-0,078	0,318	-0,003	0,010	0,094	FALSE
-0,071	0,306	-0,003	0,010	0,093	FALSE
-0,060	0,314	-0,001	0,008	0,037	FALSE
0,090	0,315	0,005	0,013	0,144	FALSE
0,062	0,309	0,003	0,012	0,111	FALSE
0,111	0,305	0,005	0,012	0,184	FALSE
0,087	0,299	0,005	0,012	0,160	FALSE
-0,110	0,310	-0,004	0,012	0,135	FALSE
0,024	0,296	0,000	0,011	0,001	FALSE
0,037	0,313	0,001	0,012	0,016	FALSE
0,043	0,308	0,001	0,012	0,018	FALSE
0,001	0,313	0,000	0,009	0,012	FALSE
-0,053	0,300	-0,001	0,006	0,067	FALSE
0,104	0,288	0,003	0,012	0,106	FALSE
-0,176	0,301	-0,003	0,007	0,204	FALSE
0,202	0,284	0,006	0,011	0,250	FALSE
-0,125	0,307	-0,003	0,008	0,151	FALSE
-0,063	0,301	-0,002	0,012	0,050	FALSE
-0,027	0,302	-0,001	0,007	0,030	FALSE
0,011	0,301	0,001	0,010	0,021	FALSE
0,039	0,307	0,001	0,007	0,054	FALSE
0,100	0,306	0,003	0,010	0,127	FALSE
0,074	0,293	0,002	0,010	0,098	FALSE
0,001	0,298	0,001	0,007	0,027	FALSE
-0,062	0,307	-0,003	0,013	0,081	FALSE
0,068	0,313	0,002	0,011	0,072	FALSE
-0,107	0,296	-0,002	0,008	0,126	FALSE
0,047	0,321	0,001	0,007	0,043	FALSE
0,049	0,303	0,002	0,010	0,082	FALSE
-0,080	0,302	-0,003	0,011	0,113	FALSE

0,151	0,295	0,007	0,011	0,270	FALSE
-0,100	0,306	-0,002	0,006	0,123	FALSE
-0,001	0,307	0,000	0,006	0,005	FALSE
0,055	0,296	0,002	0,010	0,085	FALSE
0,032	0,327	0,002	0,011	0,063	FALSE
0,023	0,312	0,000	0,011	0,014	FALSE
0,005	0,315	0,000	0,008	0,019	FALSE
0,018	0,326	0,001	0,008	0,024	FALSE
0,073	0,303	0,002	0,010	0,079	FALSE
0,019	0,312	0,001	0,012	0,014	FALSE
0,072	0,309	0,003	0,009	0,124	FALSE
0,113	0,322	0,004	0,010	0,153	FALSE
0,066	0,299	0,002	0,012	0,067	FALSE
-0,014	0,302	0,000	0,010	0,015	FALSE
0,002	0,288	0,000	0,006	0,024	FALSE
0,049	0,302	0,001	0,006	0,080	FALSE
-0,045	0,305	-0,002	0,013	0,061	FALSE
-0,015	0,320	0,000	0,009	0,003	FALSE
-0,029	0,310	0,000	0,008	0,013	FALSE
0,006	0,310	0,001	0,008	0,032	FALSE
-0,025	0,309	0,000	0,008	0,012	FALSE
0,052	0,302	0,003	0,010	0,104	FALSE
0,068	0,305	0,003	0,010	0,112	FALSE
0,048	0,309	0,002	0,010	0,086	FALSE
0,041	0,305	0,002	0,012	0,069	FALSE
0,043	0,310	0,002	0,010	0,081	FALSE
0,021	0,302	0,000	0,009	0,006	FALSE
0,062	0,312	0,003	0,009	0,107	FALSE
-0,060	0,302	-0,002	0,008	0,078	FALSE
0,022	0,302	0,000	0,008	0,020	FALSE
-0,035	0,295	-0,001	0,006	0,036	FALSE
0,046	0,294	0,002	0,009	0,100	FALSE
0,076	0,308	0,002	0,009	0,078	FALSE
-0,097	0,316	-0,002	0,007	0,114	FALSE
-0,085	0,313	-0,003	0,009	0,106	FALSE
0,029	0,328	0,000	0,007	0,025	FALSE
0,008	0,311	0,000	0,006	0,013	FALSE
0,082	0,321	0,002	0,009	0,079	FALSE
0,056	0,310	0,002	0,010	0,070	FALSE
-0,029	0,325	-0,001	0,006	0,028	FALSE
-0,053	0,317	-0,002	0,013	0,061	FALSE
-0,072	0,310	-0,003	0,012	0,107	FALSE
0,127	0,298	0,005	0,011	0,200	FALSE
-0,030	0,314	-0,001	0,013	0,042	FALSE
-0,046	0,320	-0,001	0,013	0,037	FALSE
-0,220	0,286	-0,007	0,009	0,354	FALSE
0,059	0,301	0,002	0,008	0,093	FALSE
-0,033	0,306	-0,001	0,007	0,051	FALSE
-0,081	0,306	-0,002	0,007	0,099	FALSE
0,184	0,291	0,008	0,012	0,310	FALSE
0,122	0,295	0,005	0,010	0,191	FALSE
0,010	0,309	0,000	0,007	0,005	FALSE
-0,046	0,304	-0,001	0,007	0,054	FALSE

-0,089	0,303	-0,003	0,009	0,124	FALSE
-0,122	0,291	-0,003	0,007	0,155	FALSE
-0,110	0,314	-0,003	0,010	0,126	FALSE
0,119	0,309	0,003	0,008	0,143	FALSE
-0,092	0,312	-0,003	0,007	0,144	FALSE
0,060	0,301	0,001	0,009	0,061	FALSE
-0,022	0,296	-0,001	0,012	0,031	FALSE
-0,032	0,308	-0,001	0,010	0,034	FALSE
-0,035	0,312	-0,002	0,013	0,050	FALSE
0,004	0,299	0,000	0,013	0,011	FALSE
0,062	0,324	0,002	0,012	0,078	FALSE
0,027	0,296	0,001	0,008	0,029	FALSE
-0,017	0,317	-0,001	0,007	0,036	FALSE
-0,023	0,308	-0,001	0,011	0,022	FALSE
-0,084	0,285	-0,003	0,008	0,138	FALSE
0,033	0,318	0,002	0,013	0,044	FALSE
0,032	0,316	0,001	0,013	0,036	FALSE
0,154	0,307	0,005	0,010	0,224	FALSE
0,020	0,315	0,001	0,007	0,055	FALSE
-0,079	0,312	-0,003	0,012	0,081	FALSE
-0,063	0,308	-0,002	0,007	0,085	FALSE
0,034	0,294	0,001	0,006	0,037	FALSE
-0,034	0,303	-0,001	0,007	0,056	FALSE
-0,041	0,295	-0,001	0,006	0,065	FALSE
-0,058	0,306	-0,001	0,008	0,064	FALSE
0,107	0,313	0,002	0,008	0,123	FALSE
0,060	0,301	0,001	0,008	0,067	FALSE
0,083	0,314	0,002	0,008	0,102	FALSE
0,059	0,320	0,001	0,009	0,052	FALSE
0,086	0,305	0,002	0,008	0,114	FALSE
0,058	0,317	0,001	0,008	0,055	FALSE
-0,063	0,309	-0,001	0,007	0,066	FALSE
-0,043	0,323	-0,001	0,008	0,043	FALSE
-0,005	0,307	0,000	0,012	0,012	FALSE
-0,023	0,311	-0,001	0,013	0,041	FALSE
0,022	0,309	0,001	0,013	0,021	FALSE
0,007	0,315	0,000	0,013	0,013	FALSE
-0,050	0,322	-0,002	0,013	0,060	FALSE
0,132	0,310	0,004	0,010	0,155	FALSE
-0,088	0,306	-0,002	0,007	0,130	FALSE
-0,004	0,313	0,001	0,013	0,014	FALSE
0,060	0,298	0,001	0,006	0,049	FALSE
0,021	0,288	0,000	0,006	0,018	FALSE
-0,009	0,306	0,000	0,007	0,012	FALSE
-0,046	0,300	-0,002	0,006	0,094	FALSE
0,072	0,314	0,002	0,009	0,089	FALSE
0,058	0,299	0,002	0,011	0,051	FALSE
0,189	0,295	0,004	0,006	0,253	FALSE
-0,118	0,317	-0,005	0,013	0,146	FALSE
0,091	0,299	0,002	0,008	0,102	FALSE
-0,013	0,294	0,000	0,009	0,012	FALSE
0,053	0,303	0,004	0,014	0,104	FALSE
0,099	0,312	0,004	0,011	0,126	FALSE

0,001	0,316	0,000	0,013	0,009	FALSE
-0,034	0,334	-0,002	0,014	0,043	FALSE
0,020	0,319	0,001	0,013	0,017	FALSE
-0,006	0,324	-0,001	0,013	0,015	FALSE
0,002	0,314	0,000	0,013	0,004	FALSE
-0,008	0,314	0,000	0,013	0,012	FALSE
0,020	0,324	0,001	0,013	0,022	FALSE
0,008	0,337	0,000	0,013	0,006	FALSE
-0,026	0,292	0,000	0,007	0,024	FALSE
-0,009	0,309	0,000	0,007	0,018	FALSE
-0,052	0,301	-0,001	0,007	0,055	FALSE
0,048	0,307	0,001	0,007	0,052	FALSE
0,028	0,301	0,000	0,006	0,027	FALSE
0,033	0,301	0,001	0,006	0,031	FALSE
-0,005	0,315	0,000	0,007	0,007	FALSE
0,043	0,316	0,001	0,007	0,042	FALSE
0,038	0,308	0,000	0,006	0,024	FALSE
-0,101	0,309	-0,003	0,009	0,155	FALSE
0,015	0,317	0,001	0,009	0,022	FALSE
-0,049	0,318	-0,003	0,013	0,075	FALSE
0,007	0,326	0,000	0,014	0,001	FALSE
0,004	0,319	0,000	0,013	0,009	FALSE
-0,022	0,323	-0,001	0,013	0,032	FALSE
0,013	0,322	0,001	0,013	0,014	FALSE
-0,006	0,315	0,000	0,013	0,013	FALSE
-0,005	0,309	0,000	0,012	0,001	FALSE
-0,002	0,327	0,000	0,013	0,005	FALSE
-0,027	0,330	-0,001	0,013	0,026	FALSE
0,010	0,317	0,000	0,013	0,002	FALSE
-0,014	0,315	-0,001	0,013	0,017	FALSE
-0,011	0,313	-0,001	0,013	0,018	FALSE
0,001	0,320	0,000	0,013	0,002	FALSE
-0,026	0,339	-0,001	0,014	0,035	FALSE
0,012	0,322	0,000	0,013	0,008	FALSE
0,022	0,302	0,001	0,012	0,021	FALSE
-0,022	0,307	-0,001	0,013	0,022	FALSE
0,011	0,312	0,000	0,013	0,008	FALSE
-0,042	0,308	-0,001	0,013	0,039	FALSE
-0,015	0,325	0,000	0,013	0,011	FALSE
-0,026	0,313	-0,001	0,013	0,017	FALSE
-0,008	0,310	0,000	0,013	0,007	FALSE
-0,036	0,308	-0,001	0,013	0,022	FALSE
-0,032	0,312	-0,001	0,013	0,042	FALSE
-0,012	0,318	0,000	0,013	0,012	FALSE
-0,030	0,307	-0,001	0,012	0,017	FALSE
-0,032	0,317	-0,001	0,013	0,019	FALSE
-0,038	0,317	-0,001	0,013	0,024	FALSE
-0,023	0,309	0,000	0,013	0,010	FALSE
-0,006	0,316	-0,001	0,013	0,014	FALSE
-0,062	0,304	-0,002	0,012	0,064	FALSE
-0,004	0,316	0,000	0,013	0,001	FALSE
-0,034	0,296	-0,002	0,010	0,071	FALSE
-0,053	0,310	-0,002	0,011	0,074	FALSE

-0,057	0,308	-0,002	0,011	0,089	FALSE
0,009	0,305	0,000	0,009	0,010	FALSE
-0,062	0,312	-0,003	0,011	0,105	FALSE
0,125	0,291	0,003	0,006	0,180	FALSE
-0,005	0,301	0,000	0,008	0,000	FALSE
0,066	0,296	0,002	0,007	0,096	FALSE
0,131	0,311	0,004	0,011	0,159	FALSE
0,038	0,301	0,001	0,008	0,025	FALSE
-0,103	0,299	-0,004	0,009	0,168	FALSE
0,155	0,313	0,004	0,008	0,200	FALSE
0,012	0,318	0,000	0,013	0,007	FALSE
-0,018	0,303	-0,002	0,012	0,048	FALSE
0,002	0,316	0,000	0,013	0,006	FALSE
-0,059	0,306	-0,002	0,011	0,069	FALSE
-0,003	0,315	0,000	0,013	0,010	FALSE
0,009	0,313	0,000	0,013	0,005	FALSE
0,050	0,303	0,002	0,012	0,050	FALSE
0,008	0,322	0,000	0,013	0,007	FALSE
-0,045	0,328	-0,002	0,013	0,065	FALSE
0,094	0,303	0,003	0,010	0,130	FALSE
0,028	0,303	0,001	0,010	0,052	FALSE
-0,137	0,312	-0,006	0,013	0,205	FALSE
-0,057	0,311	-0,003	0,013	0,096	FALSE
-0,134	0,304	-0,005	0,010	0,215	FALSE
-0,114	0,309	-0,003	0,010	0,107	FALSE
0,166	0,305	0,005	0,010	0,225	FALSE
-0,063	0,309	-0,001	0,010	0,049	FALSE
0,109	0,293	0,003	0,008	0,131	FALSE
0,018	0,310	0,000	0,012	0,011	FALSE
0,005	0,325	0,000	0,013	0,004	FALSE
0,134	0,312	0,003	0,008	0,145	FALSE
-0,026	0,320	-0,002	0,013	0,053	FALSE
-0,032	0,318	-0,002	0,013	0,065	FALSE
-0,011	0,315	-0,002	0,013	0,043	FALSE
0,004	0,315	-0,001	0,013	0,026	FALSE
0,123	0,297	0,004	0,011	0,132	FALSE
0,167	0,298	0,004	0,007	0,271	FALSE
-0,019	0,312	-0,001	0,012	0,021	FALSE
-0,023	0,326	-0,001	0,013	0,026	FALSE
-0,021	0,319	-0,001	0,012	0,025	FALSE
0,013	0,322	0,001	0,013	0,014	FALSE
-0,220	0,286	-0,008	0,011	0,349	FALSE
-0,170	0,290	-0,007	0,010	0,281	FALSE
-0,207	0,299	-0,008	0,011	0,336	FALSE
-0,057	0,312	-0,003	0,013	0,103	FALSE
0,105	0,305	0,002	0,007	0,143	FALSE
-0,145	0,299	-0,006	0,011	0,210	FALSE
-0,201	0,291	-0,007	0,010	0,331	FALSE
-0,176	0,283	-0,007	0,010	0,296	FALSE
-0,049	0,313	-0,004	0,013	0,107	FALSE
-0,079	0,308	-0,004	0,013	0,133	FALSE
-0,050	0,294	-0,003	0,012	0,108	FALSE
0,100	0,303	0,003	0,009	0,126	FALSE

0,152	0,309	0,005	0,010	0,230	FALSE
-0,030	0,308	-0,001	0,009	0,040	FALSE
-0,075	0,320	-0,001	0,007	0,067	FALSE
-0,077	0,318	-0,004	0,013	0,127	FALSE
0,040	0,304	0,001	0,008	0,031	FALSE
0,071	0,296	0,003	0,011	0,099	FALSE
0,025	0,310	0,001	0,011	0,022	FALSE
-0,011	0,318	-0,001	0,007	0,038	FALSE
-0,010	0,303	0,000	0,007	0,026	FALSE
0,018	0,309	0,001	0,006	0,031	FALSE
-0,094	0,301	-0,005	0,013	0,169	FALSE
0,085	0,315	0,002	0,008	0,113	FALSE
0,072	0,315	0,003	0,012	0,088	FALSE
-0,102	0,290	-0,006	0,013	0,197	FALSE
-0,078	0,296	-0,005	0,013	0,153	FALSE
-0,084	0,286	-0,005	0,012	0,149	FALSE
-0,102	0,308	-0,005	0,013	0,168	FALSE
-0,107	0,298	-0,006	0,013	0,181	FALSE
-0,053	0,302	-0,002	0,010	0,068	FALSE
-0,019	0,319	-0,001	0,010	0,036	FALSE
-0,018	0,311	-0,002	0,013	0,063	TRUE
0,064	0,305	0,001	0,008	0,060	FALSE
0,055	0,306	0,002	0,009	0,082	FALSE
0,051	0,317	0,002	0,009	0,071	FALSE
-0,178	0,293	-0,004	0,007	0,243	FALSE
-0,014	0,316	-0,001	0,010	0,018	FALSE
-0,010	0,316	0,000	0,007	0,007	FALSE
-0,025	0,313	-0,001	0,007	0,035	FALSE
-0,058	0,308	-0,002	0,007	0,080	FALSE
-0,006	0,290	0,000	0,012	0,013	FALSE
-0,088	0,307	-0,005	0,013	0,162	FALSE
-0,073	0,305	-0,005	0,013	0,137	FALSE
0,063	0,306	0,002	0,010	0,092	FALSE
-0,055	0,304	-0,003	0,010	0,107	FALSE
-0,060	0,307	-0,002	0,010	0,078	FALSE
-0,006	0,312	0,000	0,007	0,010	FALSE
0,012	0,303	0,000	0,009	0,009	FALSE
-0,029	0,307	-0,001	0,009	0,048	FALSE
-0,041	0,298	-0,001	0,008	0,026	FALSE
0,092	0,300	0,003	0,012	0,109	FALSE
0,048	0,307	0,001	0,007	0,048	FALSE
-0,054	0,310	-0,003	0,012	0,092	FALSE
0,033	0,308	0,001	0,010	0,028	FALSE
0,065	0,309	0,003	0,009	0,104	FALSE
0,123	0,304	0,004	0,011	0,151	FALSE
0,114	0,302	0,005	0,013	0,146	FALSE
-0,041	0,307	-0,001	0,008	0,038	FALSE
-0,034	0,305	-0,001	0,008	0,030	FALSE
-0,061	0,301	-0,001	0,008	0,056	FALSE
0,053	0,312	0,002	0,009	0,068	FALSE
0,079	0,296	0,003	0,011	0,097	FALSE
0,031	0,301	0,001	0,012	0,035	FALSE
0,006	0,311	0,000	0,007	0,017	FALSE

0,042	0,302	0,001	0,013	0,040	FALSE
0,031	0,310	0,000	0,007	0,022	FALSE
-0,033	0,308	0,000	0,007	0,027	FALSE
-0,093	0,306	-0,003	0,008	0,140	FALSE
-0,013	0,301	0,000	0,007	0,004	FALSE
-0,056	0,312	-0,002	0,011	0,078	FALSE
-0,038	0,298	0,000	0,007	0,005	FALSE
-0,004	0,314	0,000	0,013	0,007	FALSE
-0,007	0,307	0,000	0,012	0,012	FALSE
-0,070	0,306	-0,003	0,013	0,078	FALSE
0,034	0,296	0,001	0,012	0,032	FALSE
-0,022	0,316	-0,001	0,013	0,021	FALSE
0,008	0,323	0,000	0,013	0,006	FALSE
-0,006	0,320	0,000	0,013	0,007	FALSE
0,003	0,319	0,000	0,013	0,003	FALSE
-0,001	0,313	0,000	0,013	0,003	FALSE
0,019	0,322	0,001	0,013	0,021	FALSE
-0,029	0,304	-0,001	0,007	0,030	FALSE
0,094	0,307	0,002	0,006	0,129	FALSE
0,014	0,309	0,001	0,011	0,029	FALSE
0,040	0,297	0,001	0,009	0,033	FALSE
-0,058	0,320	-0,002	0,011	0,081	FALSE
0,021	0,306	0,000	0,007	0,007	FALSE
-0,114	0,313	-0,003	0,007	0,148	FALSE
-0,016	0,326	-0,001	0,013	0,015	FALSE
-0,005	0,321	0,000	0,013	0,005	FALSE
0,000	0,318	0,000	0,013	0,004	FALSE
0,013	0,306	0,000	0,012	0,009	FALSE
0,023	0,326	0,001	0,013	0,024	FALSE
-0,032	0,316	-0,001	0,013	0,035	FALSE
0,010	0,317	0,000	0,013	0,006	FALSE
-0,029	0,305	-0,001	0,012	0,036	FALSE
0,001	0,316	0,000	0,013	0,002	FALSE
-0,005	0,321	0,000	0,013	0,009	FALSE
0,037	0,313	0,001	0,011	0,026	FALSE
0,015	0,307	0,000	0,009	0,007	FALSE
-0,050	0,288	-0,002	0,009	0,093	FALSE
0,020	0,322	0,001	0,013	0,015	FALSE
-0,001	0,313	-0,001	0,013	0,016	FALSE
0,002	0,318	0,000	0,013	0,004	FALSE
-0,014	0,320	-0,001	0,013	0,022	FALSE
-0,026	0,312	-0,001	0,010	0,054	FALSE
0,049	0,299	0,001	0,007	0,056	FALSE
-0,021	0,310	-0,001	0,009	0,053	FALSE
-0,119	0,291	-0,003	0,006	0,182	FALSE
0,072	0,294	0,002	0,007	0,081	FALSE
0,059	0,305	0,001	0,008	0,063	FALSE
-0,125	0,299	-0,003	0,007	0,157	FALSE
-0,087	0,310	-0,003	0,008	0,118	FALSE
-0,098	0,311	-0,003	0,010	0,134	FALSE
0,101	0,308	0,003	0,010	0,114	FALSE
0,129	0,301	0,004	0,010	0,144	FALSE
0,017	0,300	0,000	0,006	0,015	FALSE

-0,097	0,288	-0,002	0,008	0,096	FALSE
0,057	0,295	0,002	0,007	0,086	FALSE
0,052	0,315	0,001	0,008	0,045	FALSE
-0,112	0,325	-0,003	0,009	0,133	FALSE
-0,134	0,316	-0,004	0,009	0,166	FALSE
-0,109	0,322	-0,003	0,009	0,142	FALSE
-0,123	0,317	-0,003	0,009	0,154	FALSE
-0,092	0,309	-0,002	0,008	0,113	FALSE
-0,110	0,312	-0,003	0,008	0,132	FALSE
-0,137	0,305	-0,004	0,009	0,170	FALSE
-0,130	0,289	-0,003	0,008	0,174	FALSE
-0,111	0,314	-0,004	0,012	0,146	FALSE
0,063	0,305	0,002	0,008	0,091	FALSE
0,029	0,315	0,001	0,009	0,041	FALSE
0,033	0,313	0,001	0,009	0,043	FALSE
0,025	0,304	0,001	0,009	0,046	FALSE
0,002	0,319	0,000	0,013	0,007	FALSE
0,021	0,324	0,000	0,012	0,014	FALSE
-0,041	0,306	-0,001	0,007	0,054	FALSE
0,087	0,313	0,002	0,008	0,096	FALSE
-0,042	0,309	0,000	0,007	0,008	FALSE
-0,003	0,297	0,000	0,007	0,019	FALSE
0,133	0,306	0,003	0,007	0,164	FALSE
0,066	0,322	0,003	0,013	0,084	FALSE
-0,104	0,305	-0,004	0,013	0,110	FALSE
-0,118	0,315	-0,004	0,013	0,124	FALSE
0,129	0,306	0,003	0,009	0,139	FALSE
0,021	0,307	0,001	0,009	0,020	FALSE
0,080	0,314	0,004	0,012	0,110	FALSE
0,071	0,316	0,003	0,013	0,089	FALSE
0,102	0,304	0,005	0,012	0,156	FALSE
0,011	0,315	0,000	0,012	0,010	FALSE
-0,058	0,304	-0,002	0,010	0,072	FALSE
-0,079	0,312	-0,002	0,008	0,104	FALSE
-0,060	0,301	-0,001	0,006	0,063	FALSE
-0,026	0,304	-0,001	0,008	0,038	FALSE
-0,007	0,298	0,000	0,007	0,003	FALSE
0,123	0,313	0,005	0,011	0,173	FALSE
0,144	0,293	0,006	0,010	0,223	FALSE
0,097	0,313	0,003	0,009	0,124	FALSE
0,119	0,316	0,004	0,013	0,143	FALSE
-0,126	0,300	-0,003	0,008	0,146	FALSE
0,019	0,291	0,001	0,006	0,043	FALSE
0,062	0,301	0,002	0,008	0,096	FALSE
-0,035	0,305	-0,001	0,008	0,059	FALSE
-0,074	0,302	-0,002	0,009	0,089	FALSE
0,106	0,312	0,005	0,011	0,159	FALSE
0,115	0,323	0,004	0,011	0,154	FALSE
0,124	0,311	0,005	0,011	0,182	FALSE
0,024	0,314	0,001	0,011	0,042	FALSE
0,044	0,302	0,001	0,010	0,052	FALSE
0,110	0,287	0,005	0,012	0,153	FALSE
-0,031	0,315	-0,001	0,009	0,054	FALSE

0,063	0,310	0,002	0,012	0,064	FALSE
0,163	0,312	0,005	0,008	0,233	FALSE
0,197	0,300	0,006	0,009	0,299	FALSE
0,224	0,300	0,007	0,009	0,353	FALSE
-0,103	0,314	-0,005	0,013	0,140	FALSE
-0,108	0,315	-0,004	0,013	0,123	FALSE
0,142	0,301	0,004	0,007	0,203	FALSE
-0,071	0,318	-0,002	0,008	0,094	FALSE
-0,164	0,298	-0,005	0,008	0,267	FALSE
-0,041	0,301	-0,002	0,012	0,072	FALSE
0,008	0,301	0,000	0,007	0,017	FALSE
-0,075	0,310	-0,002	0,008	0,112	FALSE
-0,046	0,320	-0,002	0,013	0,071	FALSE
0,024	0,306	0,001	0,012	0,027	FALSE
0,011	0,303	0,000	0,012	0,003	FALSE
0,014	0,319	0,001	0,013	0,018	FALSE
-0,010	0,302	0,000	0,008	0,021	FALSE
-0,123	0,308	-0,003	0,006	0,167	FALSE
-0,050	0,310	-0,001	0,007	0,053	FALSE
0,019	0,304	0,001	0,010	0,042	FALSE
-0,016	0,315	-0,002	0,012	0,046	FALSE
-0,003	0,311	0,000	0,011	0,004	FALSE
-0,127	0,312	-0,004	0,011	0,162	FALSE
-0,051	0,309	-0,001	0,007	0,059	FALSE
0,134	0,293	0,004	0,008	0,237	FALSE
-0,080	0,314	-0,003	0,010	0,110	FALSE
0,005	0,320	0,001	0,009	0,027	FALSE
-0,020	0,308	-0,001	0,013	0,015	FALSE
-0,029	0,317	0,000	0,013	0,013	FALSE
0,043	0,320	0,001	0,011	0,026	FALSE
0,044	0,314	0,001	0,011	0,026	FALSE
0,069	0,312	0,002	0,010	0,056	FALSE
0,019	0,297	0,000	0,011	0,004	FALSE
-0,025	0,305	0,000	0,013	0,010	FALSE
0,027	0,298	0,001	0,008	0,024	FALSE
-0,033	0,313	-0,001	0,013	0,033	FALSE
0,084	0,313	0,003	0,013	0,094	FALSE
0,085	0,305	0,003	0,010	0,107	FALSE
0,131	0,306	0,004	0,009	0,191	FALSE
0,044	0,295	0,002	0,011	0,068	FALSE
-0,021	0,303	0,000	0,010	0,011	FALSE
0,093	0,307	0,002	0,009	0,095	FALSE
0,046	0,306	0,001	0,010	0,027	FALSE
0,008	0,304	-0,001	0,010	0,019	FALSE
0,061	0,308	0,001	0,010	0,033	FALSE
-0,027	0,311	-0,001	0,009	0,047	FALSE
-0,134	0,306	-0,004	0,009	0,194	FALSE
-0,106	0,308	-0,003	0,008	0,142	FALSE
-0,113	0,309	-0,003	0,008	0,152	FALSE
-0,083	0,323	-0,003	0,009	0,115	FALSE
-0,109	0,306	-0,004	0,012	0,147	FALSE
-0,017	0,322	-0,001	0,013	0,031	FALSE
0,039	0,320	0,001	0,013	0,028	FALSE

0,010	0,312	0,000	0,012	0,005	FALSE
0,013	0,325	0,000	0,013	0,013	FALSE
0,004	0,310	0,000	0,013	0,003	FALSE
0,037	0,323	0,001	0,013	0,033	FALSE
0,036	0,306	0,001	0,012	0,033	FALSE
-0,108	0,305	-0,004	0,010	0,146	FALSE
0,003	0,322	0,000	0,013	0,001	FALSE
0,016	0,327	0,001	0,013	0,018	FALSE
0,020	0,306	0,001	0,012	0,015	FALSE
0,009	0,318	0,000	0,013	0,001	FALSE
0,003	0,315	0,000	0,013	0,007	FALSE
0,024	0,321	0,001	0,013	0,025	FALSE
0,017	0,322	0,001	0,013	0,016	FALSE
-0,009	0,319	0,000	0,013	0,000	FALSE
-0,081	0,307	-0,003	0,012	0,094	FALSE
-0,103	0,307	-0,002	0,007	0,119	FALSE
0,012	0,304	0,000	0,007	0,005	FALSE
0,011	0,301	0,001	0,010	0,024	FALSE
0,071	0,292	0,001	0,006	0,063	FALSE
-0,053	0,318	-0,002	0,010	0,073	FALSE
-0,043	0,316	-0,001	0,007	0,048	FALSE
0,022	0,315	0,001	0,008	0,040	FALSE
-0,050	0,299	-0,001	0,009	0,060	FALSE
0,099	0,306	0,003	0,010	0,132	FALSE
0,041	0,296	0,001	0,010	0,052	FALSE
0,056	0,311	0,002	0,011	0,080	FALSE
0,017	0,311	0,000	0,008	0,015	FALSE
0,012	0,314	0,001	0,012	0,029	FALSE
0,050	0,312	0,002	0,012	0,072	FALSE
0,024	0,299	0,001	0,008	0,039	FALSE
-0,037	0,315	-0,001	0,011	0,035	FALSE
-0,043	0,327	-0,001	0,012	0,038	FALSE
0,004	0,298	0,000	0,006	0,023	FALSE
-0,048	0,301	-0,003	0,012	0,083	FALSE
-0,044	0,302	-0,002	0,012	0,070	FALSE
-0,048	0,298	-0,002	0,012	0,073	FALSE
0,088	0,297	0,002	0,008	0,120	FALSE
0,038	0,303	0,002	0,011	0,054	FALSE
0,090	0,285	0,004	0,011	0,141	FALSE
-0,013	0,312	0,000	0,008	0,001	FALSE
-0,046	0,307	-0,001	0,008	0,043	FALSE
0,038	0,314	0,002	0,013	0,066	FALSE
0,055	0,323	0,002	0,012	0,073	FALSE
0,022	0,309	0,001	0,013	0,024	FALSE
0,014	0,321	0,000	0,013	0,010	FALSE
0,041	0,295	0,001	0,012	0,040	FALSE
-0,087	0,302	-0,002	0,007	0,100	FALSE
-0,056	0,310	-0,001	0,007	0,052	FALSE
-0,026	0,299	-0,001	0,008	0,063	FALSE
0,013	0,310	0,001	0,009	0,020	FALSE
-0,044	0,309	-0,001	0,010	0,021	FALSE
0,088	0,307	0,003	0,010	0,107	FALSE
-0,112	0,291	-0,003	0,011	0,125	FALSE

0,040	0,303	0,001	0,010	0,032	FALSE
0,085	0,316	0,003	0,009	0,106	FALSE
0,011	0,299	0,001	0,012	0,025	FALSE
0,021	0,310	0,001	0,007	0,058	FALSE
-0,030	0,306	-0,001	0,012	0,024	FALSE
0,027	0,296	0,002	0,013	0,045	FALSE
0,169	0,304	0,003	0,006	0,230	FALSE
-0,016	0,307	0,000	0,006	0,006	FALSE
0,026	0,322	0,001	0,009	0,043	FALSE
0,035	0,304	0,001	0,012	0,039	FALSE
-0,021	0,316	0,000	0,009	0,004	FALSE
-0,028	0,317	-0,001	0,013	0,036	FALSE
-0,054	0,316	-0,002	0,012	0,058	FALSE
-0,063	0,305	-0,002	0,012	0,047	FALSE
-0,102	0,317	-0,004	0,012	0,113	FALSE
0,063	0,309	0,003	0,011	0,098	FALSE
-0,036	0,318	-0,001	0,010	0,027	FALSE
-0,033	0,306	-0,002	0,013	0,046	FALSE
-0,020	0,316	-0,001	0,007	0,046	FALSE
-0,030	0,314	-0,001	0,007	0,067	FALSE
-0,014	0,308	-0,001	0,007	0,040	FALSE
0,002	0,306	0,000	0,012	0,001	FALSE
0,012	0,298	0,000	0,012	0,008	FALSE
-0,071	0,305	-0,002	0,009	0,076	FALSE
-0,052	0,295	-0,001	0,009	0,056	FALSE
-0,020	0,309	0,000	0,009	0,002	FALSE
-0,032	0,310	-0,001	0,010	0,029	FALSE
-0,010	0,318	-0,001	0,011	0,024	FALSE
-0,034	0,321	-0,001	0,013	0,041	FALSE
-0,046	0,313	-0,002	0,012	0,055	FALSE
-0,057	0,316	-0,002	0,010	0,071	FALSE
-0,015	0,310	-0,001	0,010	0,035	FALSE
-0,094	0,310	-0,004	0,013	0,112	FALSE
-0,045	0,308	-0,001	0,013	0,034	FALSE
0,042	0,295	0,002	0,011	0,049	FALSE
0,018	0,313	0,000	0,012	0,014	FALSE
0,085	0,311	0,003	0,011	0,108	FALSE
0,031	0,304	0,002	0,011	0,072	FALSE
-0,059	0,305	-0,002	0,010	0,094	FALSE
0,020	0,305	0,000	0,008	0,017	FALSE
0,032	0,302	0,001	0,008	0,027	FALSE
-0,025	0,312	-0,001	0,008	0,041	FALSE
-0,094	0,309	-0,004	0,013	0,121	FALSE
0,044	0,317	0,001	0,007	0,072	FALSE
-0,028	0,308	-0,001	0,008	0,044	FALSE
0,001	0,301	0,000	0,009	0,011	FALSE
0,036	0,297	0,001	0,006	0,034	FALSE
-0,028	0,311	-0,002	0,013	0,044	FALSE
-0,005	0,322	0,001	0,011	0,022	FALSE
-0,105	0,317	-0,002	0,007	0,150	FALSE
-0,012	0,309	0,000	0,007	0,000	FALSE
-0,001	0,317	0,000	0,013	0,007	FALSE
-0,053	0,309	-0,001	0,008	0,046	FALSE

-0,021	0,298	0,000	0,009	0,006	FALSE
-0,088	0,306	-0,004	0,012	0,120	FALSE
-0,005	0,314	-0,001	0,007	0,029	FALSE
0,002	0,318	0,000	0,013	0,002	FALSE
-0,017	0,308	0,000	0,011	0,012	FALSE
0,123	0,298	0,004	0,011	0,163	FALSE
0,111	0,314	0,004	0,011	0,124	FALSE
0,086	0,324	0,002	0,012	0,068	FALSE
-0,083	0,313	-0,004	0,012	0,133	FALSE
0,020	0,288	0,000	0,008	0,006	FALSE
-0,054	0,312	-0,002	0,008	0,090	FALSE
0,000	0,314	0,000	0,012	0,003	FALSE
0,053	0,304	0,002	0,011	0,067	FALSE
-0,045	0,292	-0,003	0,011	0,102	FALSE
-0,153	0,303	-0,005	0,010	0,210	FALSE
-0,183	0,311	-0,008	0,012	0,294	FALSE
-0,034	0,322	0,000	0,008	0,020	FALSE
-0,020	0,322	0,000	0,007	0,020	FALSE
-0,130	0,309	-0,004	0,009	0,181	FALSE
0,013	0,311	0,000	0,008	0,004	FALSE
0,224	0,299	0,006	0,008	0,347	FALSE
-0,042	0,311	-0,001	0,007	0,028	FALSE
-0,016	0,307	0,000	0,007	0,004	FALSE
0,136	0,310	0,005	0,011	0,199	FALSE
0,073	0,308	0,002	0,012	0,075	FALSE
0,149	0,308	0,006	0,011	0,234	FALSE
0,156	0,309	0,005	0,009	0,222	FALSE
0,009	0,320	0,000	0,007	0,027	FALSE
-0,001	0,307	0,000	0,008	0,005	FALSE
-0,018	0,307	0,000	0,008	0,013	FALSE
-0,073	0,306	-0,002	0,008	0,087	FALSE
-0,009	0,301	0,000	0,010	0,001	FALSE
0,056	0,313	0,002	0,012	0,058	FALSE
-0,017	0,299	0,000	0,011	0,002	FALSE
0,045	0,313	0,002	0,010	0,057	FALSE
0,029	0,318	0,001	0,011	0,035	FALSE
0,042	0,312	0,001	0,007	0,046	FALSE
-0,051	0,300	-0,001	0,008	0,058	FALSE
-0,052	0,289	-0,002	0,012	0,052	FALSE
-0,049	0,297	-0,001	0,008	0,036	FALSE
-0,046	0,316	-0,001	0,011	0,043	FALSE
0,074	0,310	0,002	0,012	0,077	FALSE
-0,049	0,310	-0,002	0,011	0,060	FALSE
-0,038	0,314	-0,001	0,011	0,041	FALSE
0,066	0,332	0,002	0,012	0,068	FALSE
-0,065	0,294	-0,002	0,011	0,075	FALSE
-0,042	0,299	-0,001	0,011	0,040	FALSE
-0,055	0,285	-0,002	0,010	0,056	FALSE
-0,035	0,304	-0,001	0,011	0,031	FALSE
-0,003	0,304	0,000	0,013	0,001	FALSE
-0,003	0,304	0,000	0,013	0,012	FALSE
0,068	0,318	0,003	0,012	0,091	FALSE
-0,030	0,307	-0,001	0,008	0,064	FALSE

0,117	0,308	0,003	0,008	0,130	FALSE
-0,027	0,321	-0,001	0,013	0,038	FALSE
0,012	0,298	0,000	0,009	0,008	FALSE
-0,031	0,309	-0,001	0,009	0,029	FALSE
-0,016	0,309	0,000	0,009	0,014	FALSE
0,073	0,324	0,003	0,012	0,099	FALSE
-0,079	0,311	-0,003	0,011	0,107	FALSE
-0,034	0,312	0,000	0,007	0,020	FALSE
-0,098	0,320	-0,004	0,011	0,127	FALSE
-0,057	0,314	-0,003	0,012	0,091	FALSE
0,036	0,303	0,001	0,007	0,062	FALSE
-0,005	0,314	0,001	0,012	0,025	FALSE
-0,029	0,298	-0,001	0,012	0,018	FALSE
-0,080	0,306	-0,002	0,008	0,106	FALSE
-0,008	0,318	0,000	0,012	0,000	FALSE
-0,001	0,315	0,000	0,012	0,001	FALSE
-0,017	0,315	-0,001	0,013	0,042	FALSE
0,034	0,306	0,000	0,010	0,014	FALSE
0,053	0,314	0,001	0,009	0,045	FALSE
0,029	0,304	0,000	0,009	0,018	FALSE
0,037	0,306	0,001	0,009	0,029	FALSE
0,031	0,310	0,001	0,009	0,056	FALSE
-0,001	0,321	-0,001	0,010	0,022	FALSE
-0,106	0,312	-0,004	0,013	0,118	FALSE
-0,045	0,305	-0,003	0,012	0,080	FALSE
0,071	0,312	0,004	0,013	0,118	FALSE
0,009	0,299	0,000	0,008	0,020	FALSE
-0,020	0,299	0,000	0,007	0,023	FALSE
-0,023	0,311	-0,001	0,011	0,047	FALSE
-0,031	0,306	-0,001	0,007	0,046	FALSE
-0,055	0,302	-0,001	0,010	0,047	FALSE
0,032	0,314	0,001	0,010	0,034	FALSE
0,034	0,303	0,001	0,010	0,046	FALSE
0,084	0,317	0,003	0,011	0,091	FALSE
-0,025	0,316	-0,001	0,007	0,025	FALSE
-0,113	0,290	-0,002	0,007	0,140	FALSE
-0,072	0,304	-0,003	0,011	0,086	FALSE
0,034	0,314	0,001	0,011	0,037	FALSE
-0,048	0,300	-0,001	0,007	0,062	FALSE
-0,086	0,294	-0,002	0,009	0,100	FALSE
-0,010	0,318	0,000	0,010	0,012	FALSE
0,001	0,313	0,000	0,011	0,002	FALSE
-0,105	0,295	-0,002	0,006	0,133	FALSE
-0,050	0,312	-0,002	0,010	0,075	FALSE
0,175	0,293	0,007	0,012	0,249	FALSE
-0,083	0,304	-0,002	0,006	0,128	FALSE
0,068	0,302	0,003	0,011	0,093	FALSE
0,020	0,310	-0,001	0,009	0,022	FALSE
0,117	0,298	0,004	0,011	0,138	FALSE
-0,037	0,310	-0,002	0,010	0,086	FALSE
0,104	0,295	0,003	0,011	0,115	FALSE
-0,068	0,312	-0,002	0,013	0,043	FALSE
-0,003	0,294	0,000	0,009	0,013	FALSE

0,119	0,306	0,004	0,010	0,164	FALSE
-0,070	0,302	-0,002	0,010	0,086	FALSE
0,156	0,299	0,004	0,008	0,200	FALSE
0,010	0,310	0,001	0,012	0,026	FALSE
0,045	0,314	0,003	0,013	0,072	FALSE
0,067	0,290	0,001	0,007	0,063	FALSE
-0,023	0,321	0,000	0,008	0,001	FALSE
-0,047	0,315	-0,001	0,007	0,037	FALSE
0,009	0,298	0,000	0,006	0,015	FALSE
-0,017	0,305	0,000	0,007	0,015	FALSE
-0,058	0,308	-0,002	0,011	0,069	FALSE
-0,065	0,316	-0,002	0,007	0,090	FALSE
-0,020	0,303	0,000	0,010	0,000	FALSE
0,015	0,321	0,001	0,014	0,034	FALSE
0,003	0,312	0,001	0,013	0,014	FALSE
0,025	0,307	0,001	0,009	0,024	FALSE
-0,005	0,318	0,000	0,010	0,014	FALSE
-0,009	0,316	0,000	0,009	0,015	FALSE
-0,020	0,314	-0,001	0,010	0,024	FALSE
0,090	0,306	0,003	0,013	0,102	FALSE
0,004	0,303	0,000	0,007	0,025	FALSE
0,090	0,314	0,003	0,009	0,134	FALSE
-0,051	0,303	-0,002	0,008	0,077	FALSE
0,059	0,310	0,003	0,012	0,090	FALSE
0,094	0,318	0,004	0,011	0,135	FALSE
0,033	0,310	0,001	0,007	0,073	FALSE
0,027	0,308	0,002	0,010	0,071	FALSE
0,013	0,304	0,000	0,009	0,011	FALSE
-0,060	0,320	-0,003	0,013	0,090	FALSE
-0,084	0,300	-0,003	0,013	0,084	FALSE
-0,002	0,312	0,000	0,006	0,019	FALSE
0,052	0,307	0,002	0,009	0,075	FALSE
-0,138	0,304	-0,004	0,009	0,190	FALSE
-0,118	0,303	-0,005	0,012	0,162	FALSE
0,040	0,304	0,001	0,006	0,037	FALSE
-0,033	0,306	0,000	0,010	0,016	FALSE
0,071	0,302	0,002	0,007	0,106	FALSE
0,042	0,313	0,001	0,009	0,053	FALSE
0,091	0,324	0,001	0,007	0,079	FALSE
-0,015	0,319	-0,001	0,013	0,020	FALSE
0,020	0,305	0,001	0,012	0,018	FALSE
-0,055	0,309	-0,002	0,012	0,060	FALSE
0,156	0,300	0,005	0,011	0,211	FALSE
-0,027	0,309	-0,001	0,012	0,030	FALSE
-0,069	0,313	-0,003	0,012	0,080	FALSE
-0,113	0,308	-0,004	0,013	0,127	FALSE
-0,036	0,312	-0,001	0,011	0,048	FALSE
0,116	0,309	0,006	0,011	0,208	FALSE
0,070	0,312	0,004	0,013	0,114	FALSE
0,009	0,311	0,000	0,009	0,003	FALSE
0,066	0,307	0,002	0,008	0,097	FALSE
0,009	0,313	0,001	0,013	0,022	FALSE
-0,006	0,308	0,000	0,011	0,009	FALSE

0,054	0,315	0,003	0,012	0,083	FALSE
0,117	0,321	0,002	0,007	0,137	FALSE
-0,131	0,293	-0,006	0,012	0,197	FALSE
-0,173	0,302	-0,007	0,011	0,267	FALSE
-0,100	0,306	-0,005	0,012	0,146	FALSE
-0,007	0,312	0,000	0,010	0,018	FALSE
0,001	0,309	0,001	0,010	0,033	FALSE
-0,031	0,307	-0,001	0,010	0,026	FALSE
-0,020	0,320	0,000	0,008	0,002	FALSE
-0,083	0,308	-0,004	0,013	0,113	FALSE
-0,046	0,303	-0,002	0,012	0,067	FALSE
0,118	0,311	0,005	0,012	0,167	FALSE
0,161	0,298	0,007	0,012	0,249	FALSE
-0,078	0,305	-0,003	0,011	0,129	FALSE
-0,141	0,300	-0,006	0,012	0,206	FALSE
-0,090	0,317	-0,004	0,013	0,120	FALSE
-0,035	0,314	-0,001	0,011	0,027	FALSE
-0,085	0,309	-0,004	0,011	0,144	FALSE
0,103	0,310	0,004	0,011	0,157	FALSE
0,006	0,310	0,001	0,013	0,027	FALSE
0,057	0,310	0,002	0,010	0,089	FALSE
0,102	0,312	0,004	0,011	0,161	FALSE
0,096	0,308	0,004	0,010	0,165	FALSE
0,120	0,305	0,003	0,009	0,160	FALSE
0,092	0,310	0,002	0,007	0,124	FALSE
0,112	0,293	0,003	0,008	0,150	FALSE
-0,016	0,309	-0,001	0,013	0,026	FALSE
-0,022	0,305	-0,001	0,013	0,033	FALSE
0,097	0,298	0,004	0,010	0,144	FALSE
0,046	0,316	0,001	0,010	0,034	FALSE
0,025	0,323	0,001	0,013	0,037	FALSE
0,019	0,311	0,000	0,013	0,003	FALSE
-0,153	0,306	-0,004	0,008	0,227	FALSE
0,084	0,292	0,003	0,012	0,118	FALSE
0,079	0,313	0,003	0,013	0,088	FALSE
0,040	0,306	0,001	0,007	0,069	FALSE
-0,016	0,317	0,000	0,008	0,017	FALSE
-0,056	0,306	-0,001	0,011	0,049	FALSE
-0,152	0,307	-0,005	0,013	0,165	FALSE
0,118	0,309	0,004	0,011	0,131	FALSE
0,016	0,308	0,000	0,007	0,021	FALSE
0,017	0,310	0,001	0,012	0,016	FALSE
0,099	0,329	0,004	0,012	0,124	FALSE
-0,089	0,302	-0,003	0,009	0,123	FALSE
-0,018	0,312	-0,001	0,012	0,035	FALSE
-0,068	0,313	-0,003	0,010	0,102	FALSE
-0,068	0,299	-0,002	0,011	0,054	FALSE
-0,088	0,293	-0,002	0,006	0,106	FALSE
-0,002	0,306	0,000	0,007	0,006	FALSE
-0,058	0,322	-0,002	0,013	0,052	FALSE
-0,006	0,312	-0,001	0,013	0,026	FALSE
-0,017	0,305	0,000	0,012	0,009	FALSE
0,008	0,309	0,000	0,012	0,008	FALSE

-0,038	0,311	-0,001	0,010	0,052	FALSE
-0,031	0,312	-0,001	0,010	0,048	FALSE
-0,029	0,297	-0,001	0,007	0,050	FALSE
0,061	0,294	0,002	0,011	0,058	FALSE
-0,128	0,301	-0,006	0,013	0,185	FALSE
-0,156	0,296	-0,006	0,012	0,222	FALSE
-0,138	0,302	-0,006	0,012	0,198	FALSE
-0,043	0,299	-0,002	0,010	0,093	FALSE
0,095	0,310	0,003	0,010	0,115	FALSE
-0,030	0,303	-0,001	0,010	0,055	FALSE
0,072	0,296	0,003	0,012	0,092	FALSE
-0,026	0,305	-0,001	0,011	0,019	FALSE
-0,196	0,288	-0,006	0,009	0,287	FALSE
-0,035	0,299	-0,001	0,011	0,036	FALSE
-0,079	0,313	-0,002	0,006	0,108	FALSE
0,004	0,293	0,001	0,009	0,028	FALSE
-0,038	0,316	-0,001	0,007	0,040	FALSE
0,104	0,315	0,002	0,007	0,114	FALSE
-0,065	0,315	-0,002	0,008	0,097	FALSE
0,093	0,306	0,004	0,012	0,134	FALSE
-0,063	0,318	-0,002	0,008	0,075	FALSE
-0,040	0,323	-0,001	0,008	0,034	FALSE
-0,098	0,307	-0,004	0,012	0,129	FALSE
-0,075	0,293	-0,003	0,012	0,107	FALSE
-0,080	0,312	-0,003	0,012	0,092	FALSE
-0,077	0,310	-0,003	0,013	0,097	FALSE
-0,091	0,312	-0,004	0,011	0,145	FALSE
-0,062	0,303	-0,002	0,008	0,081	FALSE
0,036	0,310	0,001	0,009	0,041	FALSE
0,136	0,317	0,005	0,012	0,160	FALSE
-0,038	0,305	-0,001	0,011	0,030	FALSE
0,048	0,315	0,002	0,012	0,076	FALSE
-0,048	0,305	-0,001	0,010	0,040	FALSE
-0,070	0,294	-0,002	0,010	0,078	FALSE
-0,091	0,304	-0,004	0,012	0,126	FALSE
0,037	0,312	0,000	0,008	0,017	FALSE
0,023	0,318	0,001	0,007	0,044	FALSE
0,108	0,300	0,002	0,006	0,132	FALSE
0,048	0,303	0,001	0,008	0,034	FALSE
-0,192	0,311	-0,009	0,013	0,287	FALSE
-0,092	0,313	-0,002	0,007	0,086	FALSE
-0,051	0,303	-0,001	0,009	0,038	FALSE
0,161	0,302	0,006	0,011	0,237	FALSE
0,163	0,307	0,006	0,012	0,223	FALSE
-0,063	0,310	-0,002	0,011	0,072	FALSE
-0,073	0,313	-0,002	0,009	0,081	FALSE
0,001	0,300	0,000	0,008	0,006	FALSE
0,010	0,301	0,000	0,008	0,005	FALSE
-0,025	0,301	0,000	0,007	0,011	FALSE
0,013	0,297	0,001	0,007	0,040	FALSE
0,074	0,299	0,002	0,012	0,074	FALSE
0,023	0,312	0,000	0,009	0,013	FALSE
0,154	0,313	0,006	0,013	0,197	FALSE

0,159	0,302	0,006	0,013	0,213	FALSE
0,159	0,312	0,006	0,013	0,203	FALSE
0,074	0,309	0,002	0,008	0,083	FALSE
0,048	0,316	0,001	0,008	0,035	FALSE
0,052	0,313	0,003	0,012	0,089	FALSE
-0,054	0,320	-0,001	0,007	0,055	FALSE
-0,087	0,312	-0,003	0,013	0,094	FALSE
0,013	0,308	0,000	0,008	0,017	FALSE
0,032	0,316	0,000	0,008	0,004	FALSE
0,015	0,311	0,001	0,007	0,033	FALSE
-0,038	0,299	0,000	0,006	0,026	FALSE
-0,009	0,315	0,000	0,007	0,014	FALSE
0,010	0,299	-0,001	0,011	0,036	FALSE
0,125	0,308	0,004	0,010	0,174	FALSE
0,106	0,320	0,004	0,012	0,121	FALSE
-0,111	0,313	-0,002	0,007	0,129	FALSE
-0,026	0,322	0,000	0,008	0,019	FALSE
0,004	0,314	0,001	0,013	0,026	FALSE
-0,166	0,316	-0,004	0,008	0,204	FALSE
0,028	0,321	0,002	0,014	0,061	FALSE
0,044	0,309	0,002	0,009	0,098	FALSE
0,019	0,308	0,001	0,008	0,050	FALSE
0,105	0,304	0,002	0,006	0,123	FALSE
0,034	0,315	0,002	0,009	0,077	FALSE
-0,009	0,316	0,000	0,011	0,009	FALSE
0,037	0,309	0,001	0,011	0,045	FALSE
0,042	0,303	0,002	0,010	0,067	FALSE
0,011	0,309	0,000	0,008	0,010	FALSE
-0,007	0,296	-0,001	0,008	0,022	FALSE
-0,165	0,307	-0,006	0,011	0,256	FALSE
0,018	0,311	0,000	0,008	0,011	FALSE
0,091	0,310	0,003	0,011	0,101	FALSE
0,079	0,307	0,003	0,010	0,108	FALSE
0,059	0,295	0,002	0,009	0,088	FALSE
-0,042	0,305	-0,001	0,010	0,044	FALSE
0,075	0,296	0,001	0,008	0,053	FALSE
0,082	0,325	0,002	0,008	0,111	FALSE
0,040	0,323	0,001	0,008	0,050	FALSE
0,071	0,296	0,003	0,012	0,085	FALSE
-0,064	0,324	-0,001	0,009	0,055	FALSE
-0,103	0,305	-0,003	0,012	0,103	FALSE
0,138	0,311	0,003	0,008	0,151	FALSE
0,045	0,308	0,001	0,007	0,072	FALSE
-0,056	0,324	-0,001	0,009	0,050	FALSE
-0,077	0,302	-0,003	0,012	0,085	FALSE
0,108	0,308	0,003	0,007	0,180	FALSE
0,030	0,310	0,001	0,012	0,034	FALSE
-0,024	0,310	0,000	0,010	0,016	FALSE
-0,025	0,311	0,000	0,008	0,003	FALSE
-0,033	0,313	-0,001	0,006	0,066	FALSE
0,115	0,299	0,005	0,011	0,204	FALSE
-0,017	0,299	0,000	0,012	0,009	FALSE
-0,066	0,310	-0,001	0,007	0,082	FALSE

0,109	0,297	0,005	0,011	0,197	FALSE
-0,035	0,293	0,000	0,008	0,021	FALSE
-0,020	0,298	-0,001	0,007	0,027	FALSE
0,005	0,317	0,000	0,011	0,011	FALSE
0,011	0,302	0,000	0,011	0,015	FALSE
-0,056	0,311	-0,002	0,008	0,091	FALSE
-0,133	0,312	-0,003	0,007	0,168	FALSE
-0,016	0,315	0,000	0,010	0,013	FALSE
0,029	0,300	0,001	0,010	0,028	FALSE
-0,001	0,305	-0,001	0,013	0,026	FALSE
-0,137	0,301	-0,005	0,008	0,253	FALSE
-0,084	0,308	-0,003	0,008	0,137	FALSE
0,102	0,297	0,004	0,011	0,152	FALSE
0,020	0,300	0,002	0,010	0,060	FALSE
-0,059	0,322	-0,001	0,007	0,047	FALSE
0,071	0,312	0,002	0,008	0,088	FALSE
-0,026	0,310	-0,001	0,013	0,026	FALSE
0,038	0,303	0,002	0,010	0,070	FALSE
0,051	0,301	0,001	0,008	0,056	FALSE
-0,031	0,303	-0,001	0,007	0,042	FALSE
0,076	0,317	0,002	0,008	0,105	FALSE
0,114	0,301	0,004	0,010	0,153	FALSE
0,117	0,308	0,004	0,009	0,172	FALSE
0,087	0,303	0,003	0,010	0,127	FALSE
0,095	0,304	0,003	0,009	0,134	FALSE
-0,021	0,311	-0,001	0,010	0,028	FALSE
-0,018	0,311	0,000	0,010	0,008	FALSE
-0,038	0,314	-0,001	0,008	0,055	FALSE
-0,054	0,310	-0,003	0,013	0,087	FALSE
0,112	0,294	0,003	0,007	0,185	FALSE
0,129	0,315	0,005	0,012	0,184	FALSE
0,111	0,305	0,005	0,011	0,170	FALSE
-0,098	0,303	-0,004	0,012	0,142	FALSE
0,034	0,310	0,001	0,008	0,041	FALSE
0,051	0,327	0,002	0,009	0,062	FALSE
0,026	0,314	0,000	0,011	0,007	FALSE
-0,052	0,305	-0,002	0,013	0,057	FALSE
0,024	0,325	0,001	0,010	0,018	FALSE
-0,125	0,301	-0,003	0,008	0,161	FALSE
0,132	0,306	0,005	0,013	0,162	FALSE
-0,007	0,316	0,000	0,008	0,013	FALSE
-0,107	0,313	-0,003	0,008	0,125	FALSE
-0,073	0,311	-0,001	0,009	0,057	FALSE
-0,018	0,300	-0,003	0,012	0,078	FALSE
-0,056	0,309	-0,001	0,008	0,053	FALSE
0,060	0,294	0,002	0,009	0,089	FALSE
-0,095	0,296	-0,002	0,006	0,127	FALSE
-0,106	0,295	-0,003	0,010	0,130	FALSE
0,007	0,305	0,002	0,013	0,057	FALSE
0,031	0,320	0,001	0,010	0,027	FALSE
0,064	0,300	0,002	0,010	0,078	FALSE
0,123	0,292	0,003	0,009	0,122	FALSE
-0,075	0,318	-0,002	0,009	0,091	FALSE

-0,084	0,305	-0,002	0,007	0,111	FALSE
0,021	0,309	0,000	0,008	0,013	FALSE
-0,123	0,306	-0,004	0,009	0,179	FALSE
0,052	0,296	0,001	0,009	0,053	FALSE
0,174	0,296	0,006	0,010	0,252	FALSE
0,103	0,306	0,004	0,011	0,131	FALSE
-0,006	0,302	-0,001	0,012	0,016	FALSE
0,083	0,291	0,003	0,007	0,156	FALSE
-0,083	0,313	-0,004	0,013	0,108	FALSE
0,067	0,307	0,003	0,010	0,120	FALSE
-0,053	0,302	-0,003	0,012	0,090	FALSE
-0,074	0,321	-0,004	0,014	0,100	FALSE
-0,104	0,312	-0,003	0,011	0,114	FALSE
-0,012	0,327	0,000	0,008	0,018	FALSE
-0,058	0,306	-0,002	0,010	0,091	FALSE
-0,021	0,314	-0,001	0,009	0,033	FALSE
-0,068	0,313	-0,002	0,009	0,064	FALSE
-0,066	0,296	-0,002	0,008	0,079	FALSE
-0,044	0,308	-0,002	0,008	0,076	FALSE
0,130	0,299	0,004	0,009	0,154	FALSE
0,032	0,303	0,000	0,012	0,011	FALSE
0,048	0,307	0,002	0,011	0,063	FALSE
-0,071	0,295	-0,002	0,010	0,057	FALSE
-0,064	0,295	-0,002	0,010	0,057	FALSE
0,056	0,311	0,002	0,010	0,075	FALSE
0,108	0,308	0,003	0,008	0,141	FALSE
0,006	0,289	0,000	0,011	0,004	FALSE
-0,001	0,290	0,000	0,012	0,004	FALSE
-0,030	0,296	0,000	0,007	0,022	FALSE
-0,060	0,306	-0,002	0,009	0,084	FALSE
-0,004	0,317	0,000	0,013	0,012	FALSE
-0,040	0,291	-0,001	0,009	0,049	FALSE
-0,006	0,314	0,000	0,012	0,011	FALSE
-0,014	0,297	0,000	0,010	0,005	FALSE
0,143	0,303	0,003	0,007	0,199	FALSE
0,106	0,301	0,004	0,008	0,181	FALSE
-0,004	0,301	0,000	0,011	0,007	FALSE
0,001	0,304	-0,001	0,013	0,037	FALSE
0,131	0,301	0,003	0,008	0,137	FALSE
0,121	0,301	0,003	0,008	0,141	FALSE
0,153	0,289	0,005	0,010	0,191	FALSE
0,013	0,306	0,001	0,010	0,032	FALSE
0,104	0,318	0,003	0,009	0,137	FALSE
0,106	0,305	0,002	0,007	0,094	FALSE
0,045	0,316	0,002	0,013	0,062	FALSE
0,097	0,316	0,003	0,012	0,102	FALSE
-0,024	0,307	-0,001	0,010	0,035	FALSE
-0,120	0,301	-0,003	0,009	0,144	FALSE
-0,018	0,287	0,000	0,010	0,006	FALSE
-0,007	0,313	0,000	0,013	0,013	FALSE
-0,059	0,301	-0,003	0,013	0,106	FALSE
-0,006	0,305	0,000	0,007	0,020	FALSE
-0,160	0,295	-0,006	0,012	0,195	FALSE

-0,132	0,300	-0,003	0,009	0,144	FALSE
-0,124	0,324	-0,003	0,008	0,142	FALSE
-0,130	0,315	-0,003	0,008	0,157	FALSE
-0,046	0,303	-0,002	0,009	0,069	FALSE
-0,105	0,305	-0,004	0,012	0,131	FALSE
-0,005	0,310	-0,001	0,009	0,031	FALSE
0,056	0,301	0,002	0,009	0,092	FALSE
0,041	0,318	0,001	0,012	0,046	FALSE
0,023	0,311	0,001	0,012	0,020	FALSE
-0,016	0,313	0,000	0,010	0,017	FALSE
0,039	0,312	0,001	0,007	0,064	FALSE
0,054	0,309	0,002	0,010	0,068	FALSE
-0,032	0,312	0,000	0,010	0,001	FALSE
0,041	0,317	0,001	0,010	0,049	FALSE
0,062	0,307	0,002	0,009	0,080	FALSE
-0,061	0,315	-0,002	0,007	0,106	FALSE
0,054	0,311	0,001	0,007	0,066	FALSE
0,106	0,313	0,004	0,012	0,132	FALSE
0,054	0,318	0,003	0,012	0,079	FALSE
-0,023	0,298	-0,001	0,011	0,019	FALSE
-0,024	0,305	0,000	0,006	0,016	FALSE
0,224	0,290	0,010	0,012	0,386	FALSE
0,017	0,322	0,001	0,012	0,025	FALSE
-0,135	0,298	-0,005	0,009	0,211	FALSE
-0,081	0,327	-0,003	0,009	0,124	FALSE
0,100	0,318	0,002	0,007	0,127	FALSE
0,114	0,311	0,005	0,013	0,162	FALSE
0,037	0,307	0,001	0,007	0,061	FALSE
0,072	0,304	0,002	0,008	0,084	FALSE
-0,136	0,304	-0,006	0,013	0,211	FALSE
0,067	0,314	0,002	0,009	0,073	FALSE
0,087	0,288	0,002	0,007	0,122	FALSE
0,055	0,304	0,002	0,011	0,068	FALSE
0,032	0,301	0,001	0,011	0,048	FALSE
0,192	0,304	0,005	0,008	0,279	FALSE
0,175	0,301	0,005	0,009	0,266	FALSE
-0,054	0,311	-0,002	0,012	0,068	FALSE
0,139	0,291	0,004	0,008	0,179	FALSE
-0,066	0,332	-0,001	0,008	0,055	FALSE
-0,014	0,318	0,000	0,012	0,011	FALSE
-0,022	0,310	-0,002	0,013	0,070	FALSE
0,003	0,305	0,000	0,009	0,010	FALSE
-0,003	0,310	0,000	0,009	0,002	FALSE
-0,011	0,306	0,000	0,009	0,006	FALSE
0,028	0,312	0,001	0,010	0,046	FALSE
-0,050	0,305	-0,001	0,009	0,033	FALSE
-0,032	0,309	-0,001	0,011	0,017	FALSE
0,089	0,298	0,003	0,011	0,090	FALSE
0,183	0,311	0,004	0,007	0,297	FALSE
0,094	0,300	0,002	0,010	0,092	FALSE
-0,100	0,310	-0,002	0,007	0,083	FALSE
-0,044	0,296	-0,003	0,013	0,081	FALSE
0,067	0,300	0,002	0,009	0,083	FALSE

0,081	0,296	0,002	0,007	0,121	FALSE
0,017	0,318	0,000	0,012	0,000	FALSE
-0,145	0,299	-0,003	0,009	0,152	FALSE
-0,019	0,304	-0,001	0,009	0,036	FALSE
-0,053	0,326	-0,001	0,009	0,047	FALSE
-0,006	0,299	0,000	0,010	0,016	FALSE
0,013	0,317	0,001	0,008	0,026	FALSE
-0,037	0,310	0,000	0,012	0,005	FALSE
-0,098	0,311	-0,004	0,012	0,121	FALSE
-0,126	0,327	-0,005	0,013	0,145	FALSE
-0,110	0,312	-0,004	0,012	0,129	FALSE
0,098	0,302	0,004	0,013	0,124	FALSE
0,052	0,314	0,002	0,011	0,051	FALSE
-0,024	0,319	-0,001	0,010	0,048	FALSE
0,005	0,311	0,000	0,011	0,004	FALSE
0,053	0,307	0,003	0,013	0,078	FALSE
-0,031	0,303	-0,001	0,008	0,043	FALSE
-0,127	0,318	-0,005	0,013	0,158	FALSE
0,024	0,299	0,001	0,008	0,034	FALSE
-0,007	0,322	0,000	0,008	0,020	FALSE
0,070	0,308	0,002	0,009	0,078	FALSE
0,116	0,304	0,003	0,009	0,149	FALSE
-0,057	0,305	-0,002	0,011	0,064	FALSE
-0,098	0,284	-0,003	0,008	0,171	FALSE
0,019	0,308	0,001	0,010	0,018	FALSE
-0,050	0,309	-0,001	0,007	0,063	FALSE
-0,125	0,302	-0,005	0,012	0,183	FALSE
0,014	0,303	0,001	0,006	0,037	FALSE
-0,087	0,301	-0,002	0,007	0,112	FALSE
0,142	0,307	0,004	0,008	0,206	FALSE
0,104	0,318	0,003	0,010	0,130	FALSE
-0,019	0,309	0,000	0,008	0,007	FALSE
0,154	0,291	0,004	0,007	0,257	FALSE
0,137	0,299	0,004	0,007	0,226	FALSE
0,038	0,304	0,002	0,009	0,093	FALSE
-0,088	0,293	-0,002	0,008	0,108	FALSE
-0,116	0,333	-0,003	0,009	0,151	FALSE
-0,012	0,302	0,000	0,012	0,014	FALSE
0,005	0,326	0,000	0,010	0,013	FALSE
-0,066	0,292	-0,002	0,009	0,077	FALSE
-0,052	0,310	-0,002	0,013	0,062	FALSE
0,028	0,321	0,001	0,010	0,033	FALSE
0,047	0,318	0,001	0,012	0,044	FALSE
-0,149	0,317	-0,005	0,011	0,212	FALSE
-0,143	0,311	-0,005	0,011	0,197	FALSE
-0,018	0,305	0,000	0,013	0,011	FALSE
0,000	0,297	0,001	0,012	0,022	FALSE
0,066	0,301	0,001	0,009	0,050	FALSE
-0,051	0,305	-0,002	0,009	0,084	FALSE
-0,057	0,323	-0,002	0,010	0,084	FALSE
-0,071	0,296	-0,003	0,012	0,110	FALSE
-0,057	0,296	-0,003	0,013	0,075	FALSE
-0,080	0,295	-0,004	0,010	0,138	FALSE

-0,056	0,324	-0,003	0,012	0,098	FALSE
-0,112	0,309	-0,005	0,011	0,170	FALSE
-0,059	0,302	-0,002	0,007	0,099	FALSE
-0,044	0,302	-0,002	0,012	0,059	FALSE
-0,032	0,295	-0,001	0,012	0,046	FALSE
0,067	0,306	0,003	0,011	0,096	FALSE
-0,030	0,318	-0,001	0,006	0,059	FALSE
-0,039	0,317	-0,001	0,006	0,054	FALSE
0,039	0,307	0,001	0,012	0,041	FALSE
-0,042	0,311	-0,002	0,012	0,055	FALSE
-0,035	0,306	-0,001	0,011	0,040	FALSE
-0,005	0,305	0,000	0,010	0,002	FALSE
-0,050	0,308	-0,002	0,010	0,059	FALSE
-0,131	0,313	-0,005	0,012	0,163	FALSE
0,061	0,310	0,001	0,006	0,076	FALSE
0,025	0,313	0,000	0,013	0,009	FALSE
-0,008	0,306	0,000	0,009	0,000	FALSE
-0,004	0,319	-0,001	0,008	0,026	FALSE
-0,001	0,290	0,000	0,012	0,013	FALSE
-0,083	0,299	-0,002	0,007	0,131	FALSE
0,124	0,294	0,004	0,008	0,192	FALSE
-0,037	0,310	-0,001	0,007	0,039	FALSE
-0,062	0,307	-0,001	0,006	0,059	FALSE
0,011	0,307	0,000	0,009	0,014	FALSE
-0,078	0,309	-0,002	0,008	0,075	FALSE
0,043	0,314	0,001	0,007	0,040	FALSE
-0,089	0,317	-0,003	0,012	0,085	FALSE
0,013	0,301	0,001	0,013	0,017	FALSE
0,108	0,313	0,003	0,009	0,127	FALSE
-0,084	0,299	-0,004	0,012	0,125	FALSE
-0,112	0,296	-0,002	0,006	0,133	FALSE
-0,093	0,301	-0,002	0,006	0,132	FALSE
-0,071	0,314	-0,002	0,008	0,089	FALSE
-0,064	0,312	-0,001	0,008	0,065	FALSE
-0,046	0,304	-0,001	0,007	0,070	FALSE
-0,111	0,312	-0,003	0,009	0,127	FALSE
0,033	0,322	0,001	0,012	0,024	FALSE
-0,013	0,318	-0,001	0,013	0,032	FALSE
-0,021	0,306	-0,001	0,012	0,016	FALSE
-0,086	0,303	-0,004	0,012	0,138	FALSE
-0,133	0,301	-0,005	0,012	0,185	FALSE
-0,073	0,330	-0,003	0,013	0,091	FALSE
0,083	0,323	0,004	0,013	0,107	FALSE
-0,072	0,310	-0,002	0,009	0,089	FALSE
0,008	0,327	0,001	0,013	0,023	FALSE
0,055	0,306	0,002	0,012	0,065	FALSE
-0,069	0,306	-0,002	0,007	0,094	FALSE
-0,080	0,302	-0,003	0,011	0,095	FALSE
-0,039	0,313	-0,001	0,008	0,063	FALSE
-0,012	0,311	-0,002	0,013	0,047	FALSE
0,058	0,291	0,002	0,010	0,083	FALSE
0,023	0,309	0,000	0,008	0,001	FALSE
-0,104	0,319	-0,002	0,007	0,141	FALSE

-0,003	0,304	0,000	0,007	0,020	FALSE
0,073	0,298	0,004	0,013	0,116	FALSE
0,004	0,305	0,000	0,007	0,020	FALSE
0,051	0,290	0,002	0,012	0,070	FALSE
0,061	0,311	0,003	0,013	0,088	FALSE
-0,003	0,319	0,001	0,008	0,026	FALSE
-0,093	0,308	-0,003	0,008	0,164	FALSE
-0,100	0,318	-0,002	0,008	0,114	FALSE
-0,044	0,317	-0,001	0,009	0,042	FALSE
-0,129	0,316	-0,002	0,007	0,148	FALSE
0,011	0,305	0,000	0,009	0,003	FALSE
-0,095	0,301	-0,002	0,008	0,121	FALSE
-0,026	0,296	0,000	0,009	0,008	FALSE
-0,090	0,307	-0,002	0,006	0,126	FALSE
0,058	0,325	0,002	0,011	0,065	FALSE
-0,026	0,297	0,000	0,012	0,009	FALSE
0,062	0,310	0,002	0,012	0,062	FALSE
-0,006	0,301	0,000	0,010	0,016	FALSE
0,012	0,297	0,001	0,010	0,042	FALSE
-0,079	0,301	-0,003	0,012	0,104	FALSE
0,028	0,305	0,001	0,008	0,029	FALSE
-0,069	0,304	-0,003	0,012	0,111	FALSE
0,106	0,307	0,002	0,008	0,117	FALSE
0,044	0,309	0,001	0,006	0,061	FALSE
-0,036	0,298	-0,001	0,010	0,030	FALSE
-0,008	0,297	0,000	0,006	0,008	FALSE
-0,041	0,307	-0,001	0,008	0,040	FALSE
0,045	0,306	0,001	0,008	0,065	FALSE
0,012	0,301	0,001	0,011	0,034	FALSE
-0,022	0,330	-0,001	0,014	0,022	FALSE
-0,095	0,297	-0,002	0,008	0,091	FALSE
-0,040	0,309	-0,002	0,012	0,064	FALSE
0,046	0,312	0,001	0,013	0,024	FALSE
-0,034	0,312	-0,001	0,009	0,045	FALSE
0,168	0,306	0,007	0,013	0,229	FALSE
0,017	0,307	0,001	0,009	0,023	FALSE
0,035	0,285	0,001	0,011	0,039	FALSE
0,023	0,287	0,000	0,010	0,015	FALSE
-0,066	0,300	-0,003	0,012	0,091	FALSE
-0,023	0,304	-0,001	0,011	0,022	FALSE
-0,132	0,304	-0,004	0,010	0,155	FALSE
0,018	0,311	0,001	0,007	0,047	FALSE
-0,214	0,286	-0,009	0,013	0,346	FALSE
0,155	0,311	0,007	0,013	0,209	FALSE
0,158	0,311	0,006	0,013	0,206	FALSE
-0,149	0,308	-0,007	0,012	0,225	FALSE
0,128	0,302	0,006	0,012	0,185	FALSE
-0,164	0,293	-0,008	0,013	0,256	FALSE
-0,160	0,293	-0,006	0,012	0,220	FALSE
-0,096	0,309	-0,003	0,012	0,094	FALSE
0,023	0,298	0,001	0,007	0,053	FALSE
-0,082	0,309	-0,004	0,010	0,161	FALSE
-0,137	0,307	-0,003	0,007	0,160	FALSE

-0,024	0,305	-0,002	0,010	0,059	FALSE
0,067	0,315	0,002	0,013	0,051	FALSE
-0,041	0,317	-0,003	0,013	0,080	FALSE
-0,101	0,310	-0,004	0,011	0,152	FALSE
-0,089	0,315	-0,002	0,008	0,096	FALSE
0,019	0,309	0,002	0,013	0,067	FALSE
0,015	0,291	0,000	0,007	0,002	FALSE
0,070	0,298	0,002	0,012	0,065	FALSE
-0,008	0,291	-0,001	0,011	0,031	FALSE
-0,050	0,304	-0,001	0,011	0,037	FALSE
0,002	0,315	0,000	0,012	0,011	FALSE
-0,004	0,310	0,000	0,010	0,007	FALSE
0,005	0,314	0,000	0,007	0,016	FALSE
-0,105	0,290	-0,003	0,007	0,162	FALSE
-0,153	0,291	-0,007	0,012	0,281	FALSE
-0,095	0,304	-0,003	0,010	0,116	FALSE
0,050	0,297	0,002	0,009	0,067	FALSE
0,043	0,299	0,002	0,011	0,062	FALSE
0,138	0,309	0,003	0,007	0,183	FALSE
-0,097	0,306	-0,003	0,011	0,119	FALSE
0,107	0,310	0,005	0,013	0,155	FALSE
0,084	0,303	0,004	0,013	0,119	FALSE
0,126	0,310	0,006	0,013	0,203	FALSE
0,128	0,297	0,007	0,013	0,216	FALSE
-0,156	0,304	-0,007	0,012	0,243	FALSE
0,083	0,285	0,003	0,009	0,122	FALSE
0,017	0,311	0,001	0,012	0,023	FALSE
0,027	0,283	0,000	0,012	0,001	FALSE
0,001	0,307	0,000	0,008	0,019	FALSE
-0,033	0,314	-0,001	0,009	0,038	FALSE
0,061	0,294	0,002	0,012	0,051	FALSE
0,020	0,298	0,000	0,006	0,029	FALSE
0,117	0,306	0,004	0,010	0,164	FALSE
-0,131	0,309	-0,005	0,010	0,186	FALSE
-0,035	0,305	0,000	0,007	0,005	FALSE
-0,112	0,314	-0,004	0,010	0,155	FALSE
0,091	0,293	0,003	0,008	0,178	FALSE
-0,107	0,313	-0,002	0,007	0,130	FALSE
-0,027	0,301	-0,002	0,009	0,060	FALSE
-0,063	0,313	-0,003	0,010	0,119	FALSE
0,024	0,309	0,000	0,010	0,003	FALSE
-0,040	0,304	-0,002	0,010	0,080	FALSE
-0,046	0,302	-0,001	0,007	0,032	FALSE
0,060	0,307	0,002	0,008	0,102	FALSE
0,021	0,311	0,001	0,012	0,023	FALSE
-0,015	0,315	0,000	0,013	0,013	FALSE
-0,030	0,314	0,000	0,007	0,021	FALSE
0,020	0,310	0,001	0,007	0,035	FALSE
0,024	0,317	0,001	0,009	0,020	FALSE
0,018	0,298	0,000	0,009	0,017	FALSE
-0,003	0,301	0,000	0,009	0,017	FALSE
0,041	0,310	0,002	0,009	0,074	FALSE
-0,134	0,308	-0,003	0,008	0,171	FALSE

-0,192	0,291	-0,004	0,006	0,274	FALSE
-0,169	0,313	-0,008	0,013	0,253	FALSE
-0,036	0,328	-0,001	0,008	0,040	FALSE
0,048	0,305	0,002	0,007	0,080	FALSE
-0,086	0,315	-0,003	0,011	0,117	FALSE
0,082	0,297	0,002	0,008	0,105	FALSE
-0,023	0,302	-0,001	0,008	0,036	FALSE
-0,015	0,299	-0,001	0,012	0,029	FALSE
0,052	0,314	0,002	0,010	0,069	FALSE
0,092	0,323	0,003	0,013	0,095	FALSE
-0,004	0,300	-0,001	0,013	0,024	FALSE
0,120	0,302	0,005	0,012	0,164	FALSE
0,037	0,316	0,001	0,007	0,057	FALSE
-0,107	0,304	-0,003	0,008	0,139	FALSE
-0,054	0,314	-0,003	0,012	0,082	FALSE
-0,035	0,314	-0,001	0,007	0,028	FALSE
0,015	0,311	0,001	0,009	0,030	FALSE
0,021	0,306	0,001	0,012	0,035	FALSE
0,068	0,311	0,003	0,010	0,103	FALSE
-0,049	0,310	-0,001	0,008	0,048	FALSE
0,112	0,304	0,003	0,008	0,148	FALSE
-0,158	0,316	-0,004	0,008	0,221	FALSE
0,082	0,309	0,002	0,008	0,109	FALSE
0,022	0,316	0,001	0,010	0,018	FALSE
-0,007	0,309	0,000	0,010	0,002	FALSE
0,014	0,319	0,000	0,012	0,013	FALSE
0,093	0,306	0,003	0,011	0,094	FALSE
0,057	0,311	0,002	0,012	0,053	FALSE
-0,015	0,298	0,000	0,006	0,018	FALSE
0,104	0,308	0,004	0,011	0,162	FALSE
0,154	0,322	0,006	0,012	0,231	FALSE
0,134	0,297	0,006	0,011	0,237	FALSE
0,148	0,297	0,006	0,011	0,241	FALSE
-0,004	0,304	0,000	0,007	0,003	FALSE
-0,051	0,299	-0,001	0,007	0,077	FALSE
-0,114	0,303	-0,003	0,008	0,158	FALSE
0,223	0,302	0,010	0,013	0,356	FALSE
-0,039	0,318	-0,001	0,006	0,058	FALSE
0,127	0,295	0,005	0,012	0,184	FALSE
0,065	0,296	0,003	0,011	0,108	FALSE
0,052	0,292	0,001	0,007	0,073	FALSE
0,060	0,315	0,002	0,008	0,087	FALSE
-0,085	0,312	-0,003	0,008	0,137	FALSE
-0,099	0,317	-0,002	0,007	0,090	FALSE
-0,070	0,311	-0,002	0,011	0,072	FALSE
-0,049	0,300	-0,001	0,011	0,046	FALSE
-0,047	0,330	-0,001	0,010	0,045	FALSE
-0,141	0,311	-0,004	0,010	0,181	FALSE
0,088	0,313	0,003	0,010	0,101	FALSE
-0,022	0,307	-0,001	0,007	0,058	FALSE
0,079	0,315	0,002	0,010	0,093	FALSE
0,081	0,303	0,002	0,009	0,101	FALSE
0,099	0,310	0,003	0,011	0,115	FALSE

0,017	0,297	0,000	0,007	0,010	FALSE
-0,052	0,306	-0,002	0,010	0,072	FALSE
0,055	0,297	0,001	0,009	0,058	FALSE
-0,082	0,284	-0,003	0,010	0,118	FALSE
0,067	0,281	0,002	0,008	0,099	FALSE
0,082	0,306	0,003	0,010	0,102	FALSE
-0,075	0,297	-0,001	0,006	0,075	FALSE
0,001	0,307	0,000	0,008	0,006	FALSE
-0,101	0,312	-0,002	0,007	0,129	FALSE
-0,046	0,311	-0,001	0,010	0,043	FALSE
0,029	0,300	0,000	0,007	0,020	FALSE
0,159	0,301	0,006	0,011	0,235	FALSE
0,021	0,299	0,001	0,009	0,021	FALSE
0,114	0,303	0,003	0,006	0,197	FALSE
0,104	0,297	0,005	0,012	0,156	FALSE
0,081	0,304	0,003	0,011	0,120	FALSE
-0,024	0,306	0,000	0,011	0,015	FALSE
-0,012	0,310	0,000	0,009	0,019	FALSE
-0,014	0,305	-0,001	0,009	0,024	FALSE
-0,040	0,312	-0,003	0,013	0,076	FALSE
-0,001	0,302	0,000	0,007	0,001	FALSE
-0,025	0,300	0,000	0,013	0,002	FALSE
-0,091	0,301	-0,003	0,009	0,111	FALSE
-0,042	0,313	-0,001	0,008	0,071	FALSE
-0,030	0,311	-0,001	0,010	0,029	FALSE
-0,032	0,312	-0,001	0,010	0,027	FALSE
-0,053	0,300	-0,001	0,012	0,026	FALSE
-0,028	0,294	0,000	0,012	0,000	FALSE
-0,046	0,305	-0,002	0,012	0,072	FALSE
0,013	0,321	0,000	0,013	0,004	FALSE
-0,071	0,315	-0,002	0,010	0,076	FALSE
0,052	0,318	0,001	0,008	0,024	FALSE
0,075	0,295	0,002	0,007	0,117	FALSE
-0,100	0,303	-0,003	0,011	0,129	FALSE
-0,013	0,322	0,000	0,007	0,003	FALSE
0,070	0,297	0,002	0,007	0,108	FALSE
0,112	0,301	0,004	0,010	0,141	FALSE
0,000	0,308	0,000	0,008	0,005	FALSE
-0,032	0,325	-0,001	0,008	0,038	FALSE
-0,117	0,308	-0,004	0,009	0,169	FALSE
-0,009	0,302	-0,001	0,008	0,026	FALSE
-0,051	0,316	-0,003	0,013	0,092	FALSE
0,040	0,304	0,001	0,009	0,027	FALSE
0,013	0,301	0,000	0,012	0,002	FALSE
-0,076	0,305	-0,002	0,007	0,103	FALSE
0,013	0,308	0,000	0,009	0,011	FALSE
0,103	0,299	0,002	0,006	0,123	FALSE
-0,027	0,314	-0,001	0,007	0,029	FALSE
0,008	0,303	0,001	0,008	0,024	FALSE
0,073	0,303	0,001	0,008	0,065	FALSE
-0,207	0,301	-0,010	0,013	0,347	FALSE
0,213	0,301	0,008	0,010	0,386	FALSE
0,113	0,300	0,003	0,008	0,152	FALSE

0,132	0,295	0,005	0,010	0,227	FALSE
-0,116	0,314	-0,004	0,010	0,145	FALSE
0,095	0,314	0,002	0,007	0,135	FALSE
-0,023	0,304	-0,002	0,010	0,054	FALSE
-0,115	0,312	-0,003	0,009	0,159	FALSE
0,034	0,321	0,001	0,008	0,026	FALSE
0,014	0,297	0,001	0,008	0,040	FALSE
0,041	0,307	0,001	0,010	0,050	FALSE
0,047	0,307	0,002	0,010	0,066	FALSE
0,069	0,312	0,002	0,007	0,094	FALSE
-0,043	0,319	-0,001	0,007	0,061	FALSE
0,086	0,305	0,004	0,012	0,129	FALSE
-0,052	0,304	-0,002	0,012	0,067	FALSE
-0,022	0,305	0,000	0,010	0,011	FALSE
-0,003	0,287	-0,001	0,012	0,027	FALSE
-0,029	0,311	-0,001	0,008	0,056	FALSE
0,019	0,297	0,000	0,008	0,020	FALSE
0,001	0,314	0,000	0,009	0,010	FALSE
-0,006	0,310	0,000	0,009	0,008	FALSE
-0,002	0,309	0,000	0,009	0,008	FALSE
0,005	0,309	0,000	0,009	0,004	FALSE
0,015	0,306	0,000	0,009	0,009	FALSE
0,026	0,308	0,001	0,009	0,034	FALSE
0,047	0,295	0,001	0,008	0,042	FALSE
-0,030	0,296	-0,001	0,012	0,025	FALSE
0,023	0,308	0,001	0,010	0,025	FALSE
0,051	0,311	0,003	0,010	0,097	FALSE
-0,075	0,316	-0,002	0,008	0,104	FALSE
0,057	0,322	0,002	0,011	0,078	FALSE
-0,011	0,296	-0,001	0,010	0,018	FALSE
0,019	0,316	0,001	0,010	0,030	FALSE
-0,006	0,302	-0,001	0,013	0,029	FALSE
-0,013	0,313	0,000	0,009	0,010	FALSE
-0,060	0,313	-0,002	0,008	0,078	FALSE
-0,038	0,312	-0,001	0,008	0,065	FALSE
0,023	0,314	0,001	0,010	0,032	FALSE
-0,154	0,314	-0,005	0,009	0,226	FALSE
-0,184	0,302	-0,007	0,011	0,280	FALSE
-0,202	0,300	-0,008	0,011	0,324	FALSE
0,103	0,315	0,005	0,012	0,171	FALSE
0,128	0,300	0,006	0,011	0,221	FALSE
0,038	0,293	0,001	0,007	0,028	FALSE
0,196	0,283	0,008	0,010	0,386	FALSE
-0,005	0,313	0,000	0,008	0,004	FALSE
0,031	0,299	0,002	0,012	0,075	FALSE
0,010	0,311	0,000	0,008	0,013	FALSE
-0,023	0,305	0,000	0,009	0,018	FALSE
-0,012	0,311	0,000	0,009	0,014	FALSE
-0,006	0,300	0,000	0,009	0,006	FALSE
-0,016	0,309	0,000	0,009	0,017	FALSE
0,119	0,298	0,003	0,008	0,147	FALSE
0,043	0,317	0,001	0,011	0,047	FALSE
0,024	0,307	0,001	0,013	0,016	FALSE

0,010	0,306	0,000	0,007	0,002	FALSE
0,198	0,296	0,005	0,007	0,357	FALSE
0,013	0,309	0,000	0,007	0,015	FALSE
0,027	0,290	0,001	0,012	0,040	FALSE
-0,136	0,304	-0,007	0,012	0,232	FALSE
0,040	0,298	0,001	0,011	0,016	FALSE
-0,010	0,315	-0,001	0,012	0,035	FALSE
-0,148	0,298	-0,006	0,011	0,224	FALSE
0,063	0,322	0,002	0,009	0,081	FALSE
0,103	0,288	0,003	0,008	0,152	FALSE
0,081	0,300	0,003	0,013	0,082	FALSE
-0,053	0,322	-0,002	0,007	0,076	FALSE
0,055	0,314	0,002	0,007	0,091	FALSE
0,106	0,299	0,003	0,007	0,153	FALSE
0,050	0,306	0,002	0,007	0,083	FALSE
0,088	0,316	0,003	0,013	0,093	FALSE
0,014	0,307	0,000	0,013	0,005	FALSE
-0,181	0,295	-0,003	0,006	0,237	FALSE
0,080	0,319	0,002	0,011	0,078	FALSE
-0,040	0,312	-0,002	0,010	0,065	FALSE
-0,063	0,315	-0,002	0,010	0,090	FALSE
-0,019	0,299	-0,001	0,010	0,020	FALSE
-0,093	0,307	-0,002	0,007	0,131	FALSE
-0,032	0,297	-0,001	0,008	0,049	FALSE
0,020	0,298	0,001	0,006	0,042	FALSE
-0,083	0,310	-0,003	0,009	0,121	FALSE
-0,144	0,297	-0,008	0,013	0,280	FALSE
0,009	0,325	0,000	0,007	0,018	FALSE
-0,057	0,305	-0,001	0,007	0,056	FALSE
-0,067	0,305	-0,003	0,009	0,111	FALSE
0,007	0,316	0,001	0,009	0,030	FALSE
0,023	0,319	0,001	0,008	0,041	FALSE
-0,026	0,312	-0,001	0,008	0,030	FALSE
0,025	0,311	0,001	0,007	0,037	FALSE
-0,147	0,298	-0,003	0,007	0,202	FALSE
-0,118	0,303	-0,004	0,011	0,162	FALSE
0,037	0,303	0,001	0,008	0,051	FALSE
-0,149	0,305	-0,004	0,007	0,249	FALSE
-0,124	0,305	-0,003	0,008	0,157	FALSE
-0,155	0,306	-0,004	0,009	0,199	FALSE
0,067	0,296	0,001	0,012	0,039	FALSE
-0,048	0,299	-0,001	0,006	0,032	FALSE
0,128	0,303	0,003	0,008	0,157	FALSE
0,017	0,304	0,001	0,008	0,038	FALSE
-0,076	0,311	-0,002	0,009	0,084	FALSE
-0,005	0,307	0,000	0,007	0,004	FALSE
-0,098	0,289	-0,005	0,012	0,176	FALSE
-0,044	0,308	-0,002	0,011	0,056	FALSE
0,033	0,299	0,001	0,009	0,021	FALSE
0,105	0,307	0,003	0,010	0,136	FALSE
0,020	0,292	0,000	0,009	0,008	FALSE
0,030	0,313	0,001	0,010	0,023	FALSE
0,088	0,304	0,002	0,007	0,104	FALSE

-0,020	0,312	0,000	0,011	0,014	FALSE
-0,046	0,305	0,000	0,009	0,012	FALSE
-0,103	0,285	-0,003	0,008	0,166	FALSE
0,014	0,313	0,001	0,011	0,030	FALSE
0,012	0,309	0,001	0,011	0,034	FALSE
0,073	0,316	0,001	0,007	0,069	FALSE
-0,179	0,292	-0,006	0,011	0,256	FALSE
0,046	0,311	0,002	0,009	0,065	FALSE
-0,075	0,309	-0,002	0,007	0,090	FALSE
0,014	0,310	0,000	0,008	0,018	FALSE
0,032	0,322	0,001	0,011	0,040	FALSE
-0,070	0,296	-0,001	0,009	0,048	FALSE
-0,137	0,303	-0,005	0,010	0,208	FALSE
-0,030	0,317	0,000	0,009	0,013	FALSE
-0,160	0,312	-0,007	0,012	0,260	FALSE
-0,013	0,290	0,000	0,009	0,007	FALSE
-0,055	0,305	-0,002	0,009	0,066	FALSE
0,103	0,310	0,005	0,013	0,142	FALSE
-0,152	0,295	-0,006	0,011	0,208	TRUE
-0,062	0,313	-0,002	0,013	0,060	FALSE
-0,030	0,309	-0,001	0,006	0,047	FALSE
0,042	0,294	0,001	0,013	0,024	FALSE
-0,080	0,313	-0,003	0,013	0,103	FALSE
0,084	0,294	0,003	0,008	0,130	FALSE
0,023	0,314	0,001	0,007	0,051	FALSE
0,012	0,310	0,001	0,008	0,040	FALSE
-0,046	0,298	-0,001	0,008	0,042	FALSE
0,015	0,296	-0,001	0,012	0,017	FALSE
-0,032	0,304	-0,001	0,007	0,043	FALSE
-0,072	0,310	-0,002	0,007	0,082	FALSE
-0,071	0,311	-0,003	0,013	0,076	FALSE
-0,077	0,302	-0,002	0,009	0,092	FALSE
0,066	0,298	0,003	0,012	0,080	FALSE
-0,047	0,309	-0,002	0,010	0,059	FALSE
0,111	0,298	0,004	0,010	0,134	FALSE
0,121	0,306	0,005	0,013	0,145	FALSE
-0,068	0,314	-0,002	0,008	0,073	FALSE
-0,141	0,313	-0,003	0,007	0,177	FALSE
-0,237	0,293	-0,009	0,011	0,377	FALSE
-0,013	0,312	-0,001	0,013	0,019	FALSE
-0,001	0,308	0,000	0,013	0,005	FALSE
-0,014	0,301	-0,001	0,012	0,017	FALSE
0,031	0,302	0,001	0,012	0,037	FALSE
0,045	0,300	0,001	0,011	0,039	FALSE
-0,108	0,300	-0,005	0,013	0,163	FALSE
-0,127	0,306	-0,003	0,007	0,153	FALSE
0,078	0,290	0,002	0,009	0,108	FALSE
-0,076	0,295	-0,002	0,010	0,072	FALSE
-0,081	0,314	-0,002	0,007	0,083	FALSE
-0,020	0,299	-0,001	0,009	0,036	FALSE
0,041	0,305	0,001	0,007	0,038	FALSE
0,044	0,311	0,001	0,007	0,057	FALSE
-0,003	0,318	0,000	0,007	0,013	FALSE

0,027	0,314	0,000	0,010	0,014	FALSE
-0,041	0,306	-0,001	0,011	0,020	FALSE
-0,048	0,294	-0,001	0,008	0,038	FALSE
0,032	0,289	0,001	0,006	0,050	FALSE
-0,026	0,314	-0,001	0,012	0,037	FALSE
-0,042	0,312	-0,001	0,012	0,039	FALSE
-0,036	0,309	-0,001	0,008	0,046	FALSE
-0,014	0,322	0,000	0,008	0,009	FALSE
-0,068	0,300	-0,002	0,010	0,091	FALSE
-0,054	0,299	-0,001	0,009	0,039	FALSE
-0,055	0,297	-0,001	0,011	0,038	FALSE
0,129	0,298	0,004	0,010	0,192	FALSE
-0,108	0,312	-0,002	0,007	0,129	FALSE
-0,185	0,290	-0,006	0,009	0,323	FALSE
-0,196	0,311	-0,007	0,010	0,304	FALSE
0,030	0,308	0,000	0,009	0,015	FALSE
0,094	0,304	0,003	0,009	0,143	FALSE
-0,009	0,302	-0,001	0,007	0,033	FALSE
0,045	0,310	0,002	0,012	0,050	FALSE
0,017	0,311	0,000	0,011	0,003	FALSE
-0,022	0,294	-0,001	0,006	0,046	FALSE
0,037	0,309	0,001	0,007	0,051	FALSE
0,020	0,323	0,000	0,006	0,002	FALSE
-0,023	0,303	-0,001	0,007	0,053	FALSE
-0,028	0,302	-0,001	0,008	0,028	FALSE
-0,059	0,310	-0,002	0,011	0,088	FALSE
-0,060	0,315	-0,003	0,012	0,085	FALSE
-0,125	0,301	-0,003	0,008	0,162	FALSE
-0,026	0,304	-0,001	0,012	0,032	FALSE
-0,022	0,314	0,000	0,007	0,017	FALSE
0,129	0,304	0,004	0,010	0,171	FALSE
0,062	0,311	0,002	0,008	0,079	FALSE
0,147	0,292	0,005	0,010	0,201	FALSE
-0,117	0,300	-0,005	0,012	0,173	FALSE
0,128	0,309	0,005	0,011	0,178	FALSE
0,117	0,296	0,004	0,009	0,192	FALSE
-0,076	0,302	-0,002	0,012	0,075	FALSE
0,067	0,309	0,004	0,011	0,129	FALSE
0,015	0,291	0,002	0,013	0,056	FALSE
0,137	0,304	0,005	0,009	0,221	FALSE
0,026	0,301	0,002	0,012	0,073	FALSE
0,072	0,302	0,003	0,010	0,104	FALSE
-0,105	0,294	-0,004	0,011	0,142	FALSE
0,081	0,309	0,002	0,007	0,097	FALSE
0,041	0,307	0,001	0,008	0,023	FALSE
-0,012	0,308	0,000	0,012	0,005	FALSE
0,087	0,299	0,002	0,007	0,104	FALSE
0,033	0,298	0,002	0,013	0,054	FALSE
0,024	0,317	0,001	0,011	0,024	FALSE
0,010	0,314	0,000	0,007	0,023	FALSE
0,035	0,306	0,002	0,011	0,053	FALSE
-0,164	0,303	-0,007	0,011	0,262	FALSE
0,040	0,299	0,001	0,007	0,051	FALSE

0,020	0,290	0,001	0,009	0,022	FALSE
0,019	0,301	0,001	0,009	0,029	FALSE
-0,120	0,310	-0,005	0,011	0,173	FALSE
-0,156	0,303	-0,006	0,010	0,262	FALSE
-0,108	0,318	-0,002	0,008	0,119	FALSE
0,035	0,305	0,001	0,010	0,043	FALSE
0,000	0,301	0,000	0,007	0,020	FALSE
0,027	0,295	0,001	0,013	0,031	FALSE
0,039	0,303	0,001	0,013	0,016	FALSE
0,044	0,304	0,002	0,011	0,071	FALSE
0,009	0,313	0,000	0,012	0,013	FALSE
0,030	0,310	0,001	0,009	0,033	FALSE
0,135	0,297	0,007	0,013	0,214	FALSE
-0,045	0,302	-0,002	0,008	0,082	FALSE
-0,090	0,304	-0,002	0,006	0,115	FALSE
-0,032	0,309	-0,001	0,008	0,044	FALSE
0,096	0,300	0,003	0,007	0,147	FALSE
-0,090	0,316	-0,002	0,008	0,087	FALSE
0,037	0,305	0,002	0,011	0,059	FALSE
0,060	0,315	0,002	0,011	0,087	FALSE
0,068	0,305	0,002	0,007	0,126	FALSE
-0,045	0,315	-0,002	0,009	0,070	FALSE
0,028	0,303	0,001	0,008	0,025	FALSE
0,045	0,301	0,002	0,011	0,083	FALSE
0,027	0,312	0,001	0,008	0,058	FALSE
0,007	0,301	0,000	0,011	0,006	FALSE
-0,052	0,307	-0,001	0,007	0,037	FALSE
-0,070	0,305	-0,001	0,006	0,079	FALSE
-0,086	0,302	-0,002	0,006	0,099	FALSE
0,054	0,300	0,001	0,007	0,057	FALSE
0,003	0,315	0,000	0,010	0,008	FALSE
-0,039	0,323	-0,002	0,010	0,065	FALSE
0,021	0,317	0,000	0,007	0,000	FALSE
0,089	0,319	0,003	0,010	0,092	FALSE
-0,132	0,288	-0,004	0,011	0,162	FALSE
0,001	0,291	0,000	0,007	0,009	FALSE
-0,126	0,307	-0,003	0,007	0,205	FALSE
-0,039	0,309	-0,001	0,007	0,032	FALSE
0,025	0,316	0,000	0,008	0,003	FALSE
0,022	0,313	0,000	0,008	0,004	FALSE
-0,017	0,309	-0,001	0,012	0,024	FALSE
0,002	0,312	0,000	0,007	0,022	FALSE
-0,163	0,315	-0,008	0,013	0,273	FALSE
0,057	0,313	0,001	0,009	0,062	FALSE
0,217	0,301	0,005	0,007	0,329	FALSE
0,140	0,306	0,006	0,012	0,211	FALSE
-0,025	0,313	-0,002	0,011	0,054	FALSE
-0,068	0,311	-0,003	0,012	0,102	FALSE
-0,052	0,311	-0,003	0,010	0,095	FALSE
-0,057	0,310	-0,002	0,012	0,072	FALSE
-0,065	0,299	-0,002	0,007	0,094	FALSE
-0,105	0,301	-0,004	0,011	0,167	FALSE
0,041	0,301	0,001	0,013	0,028	FALSE

-0,022	0,287	0,000	0,009	0,007	FALSE
-0,059	0,306	-0,002	0,007	0,087	FALSE
0,052	0,311	0,001	0,012	0,047	FALSE
0,039	0,300	0,001	0,011	0,033	FALSE
0,019	0,297	0,002	0,012	0,076	FALSE
-0,027	0,316	-0,001	0,009	0,047	FALSE
-0,065	0,290	-0,004	0,012	0,111	FALSE
0,082	0,298	0,003	0,009	0,116	FALSE
-0,086	0,287	-0,004	0,011	0,152	FALSE
-0,109	0,302	-0,003	0,009	0,153	FALSE
0,098	0,275	0,005	0,012	0,178	FALSE
0,097	0,279	0,005	0,012	0,166	FALSE
-0,026	0,318	-0,001	0,012	0,040	FALSE
-0,122	0,295	-0,003	0,008	0,157	TRUE
-0,163	0,313	-0,004	0,008	0,192	FALSE
0,183	0,301	0,006	0,011	0,263	FALSE
-0,093	0,313	-0,003	0,009	0,126	FALSE
-0,092	0,292	-0,003	0,009	0,122	FALSE
0,057	0,303	0,002	0,007	0,099	FALSE
0,113	0,297	0,005	0,012	0,164	FALSE
0,078	0,303	0,003	0,013	0,100	FALSE
0,005	0,319	-0,001	0,013	0,032	FALSE
-0,029	0,319	0,000	0,009	0,020	FALSE
0,130	0,306	0,005	0,012	0,163	FALSE
-0,042	0,310	-0,001	0,007	0,059	FALSE
-0,046	0,300	-0,001	0,008	0,060	FALSE
-0,047	0,299	-0,002	0,012	0,071	FALSE
0,019	0,309	0,001	0,013	0,016	FALSE
0,051	0,297	0,002	0,012	0,077	FALSE
-0,005	0,304	0,000	0,010	0,008	FALSE
0,039	0,302	0,001	0,008	0,063	FALSE
0,090	0,311	0,003	0,007	0,151	FALSE
0,157	0,300	0,004	0,007	0,255	FALSE
-0,009	0,311	0,000	0,008	0,007	FALSE
-0,086	0,305	-0,003	0,010	0,119	FALSE
0,095	0,301	0,003	0,007	0,144	FALSE
0,021	0,308	0,001	0,013	0,037	FALSE
-0,028	0,302	-0,001	0,009	0,041	FALSE
-0,021	0,308	0,000	0,007	0,024	FALSE
-0,026	0,304	-0,001	0,012	0,038	FALSE
0,056	0,313	0,001	0,007	0,065	FALSE
-0,065	0,314	-0,002	0,008	0,073	FALSE
0,009	0,310	0,000	0,007	0,002	FALSE
0,085	0,312	0,002	0,007	0,130	FALSE
-0,057	0,300	-0,002	0,008	0,086	FALSE
0,019	0,305	0,001	0,011	0,046	FALSE
0,131	0,297	0,005	0,012	0,156	FALSE
0,110	0,304	0,004	0,013	0,136	FALSE
0,090	0,311	0,003	0,008	0,161	FALSE
-0,030	0,308	-0,001	0,013	0,033	FALSE
-0,010	0,312	-0,001	0,010	0,019	FALSE
0,043	0,293	0,002	0,012	0,051	FALSE
0,076	0,303	0,003	0,012	0,098	FALSE

0,039	0,305	0,001	0,008	0,060	FALSE
-0,064	0,307	-0,001	0,007	0,082	FALSE
-0,060	0,319	-0,002	0,011	0,073	FALSE
-0,035	0,309	-0,001	0,007	0,052	FALSE
-0,029	0,297	-0,001	0,008	0,056	FALSE
-0,016	0,302	-0,001	0,010	0,027	FALSE
0,049	0,306	0,002	0,010	0,066	FALSE
-0,099	0,307	-0,005	0,013	0,149	FALSE
-0,155	0,312	-0,004	0,007	0,228	FALSE
0,062	0,300	0,002	0,009	0,106	FALSE
-0,138	0,291	-0,005	0,011	0,171	FALSE
0,035	0,307	0,001	0,006	0,065	FALSE
0,033	0,311	0,001	0,007	0,064	FALSE
0,065	0,314	0,003	0,012	0,078	FALSE
-0,043	0,312	-0,001	0,007	0,047	FALSE
-0,069	0,310	-0,002	0,009	0,064	FALSE
0,124	0,301	0,004	0,008	0,191	FALSE
-0,004	0,315	0,001	0,008	0,025	FALSE
0,101	0,305	0,004	0,009	0,159	FALSE
0,068	0,290	0,002	0,012	0,065	FALSE
0,075	0,304	0,002	0,012	0,072	FALSE
0,034	0,298	0,001	0,007	0,040	FALSE
-0,110	0,302	-0,003	0,007	0,148	FALSE
0,025	0,309	0,001	0,010	0,038	FALSE
-0,002	0,310	0,000	0,011	0,004	FALSE
0,119	0,311	0,003	0,008	0,158	FALSE
0,027	0,303	0,001	0,010	0,024	FALSE
0,016	0,310	0,000	0,011	0,011	FALSE
-0,023	0,313	0,000	0,007	0,003	FALSE
-0,056	0,324	-0,002	0,013	0,064	FALSE
-0,053	0,314	-0,002	0,012	0,049	FALSE
-0,185	0,296	-0,005	0,007	0,278	FALSE
0,037	0,318	0,001	0,009	0,036	FALSE
-0,055	0,299	-0,001	0,013	0,035	FALSE
-0,236	0,293	-0,009	0,011	0,392	FALSE
-0,014	0,308	-0,001	0,010	0,022	FALSE
-0,025	0,309	0,000	0,011	0,004	FALSE
0,007	0,300	0,000	0,010	0,013	FALSE
-0,005	0,324	0,000	0,013	0,004	FALSE
-0,098	0,292	-0,005	0,012	0,156	FALSE
0,011	0,313	0,000	0,009	0,005	FALSE
-0,081	0,297	-0,004	0,012	0,126	FALSE
-0,038	0,317	-0,002	0,009	0,070	FALSE
-0,027	0,318	-0,001	0,013	0,027	FALSE
-0,012	0,304	0,000	0,008	0,016	FALSE
0,061	0,313	0,003	0,012	0,091	FALSE
0,046	0,308	0,001	0,008	0,069	FALSE
-0,047	0,314	-0,002	0,009	0,085	FALSE
-0,045	0,304	-0,001	0,009	0,060	FALSE
0,060	0,312	0,003	0,013	0,073	FALSE
0,032	0,291	0,001	0,012	0,033	FALSE
0,001	0,310	0,000	0,012	0,008	FALSE
0,036	0,303	0,001	0,007	0,053	FALSE

0,044	0,302	0,001	0,009	0,038	FALSE
0,096	0,306	0,003	0,007	0,149	FALSE
-0,119	0,312	-0,003	0,006	0,169	FALSE
-0,109	0,310	-0,003	0,007	0,150	FALSE
0,037	0,314	0,001	0,011	0,034	FALSE
0,034	0,323	0,001	0,012	0,016	FALSE
0,048	0,317	0,002	0,013	0,043	FALSE
-0,018	0,313	-0,001	0,013	0,022	FALSE
0,014	0,311	0,001	0,011	0,040	FALSE
-0,018	0,308	0,000	0,011	0,010	FALSE
-0,027	0,312	0,000	0,011	0,015	FALSE
-0,023	0,297	0,000	0,007	0,019	FALSE
-0,029	0,322	0,000	0,013	0,001	FALSE
0,054	0,314	0,002	0,008	0,078	FALSE
-0,023	0,307	-0,001	0,011	0,044	FALSE
0,014	0,298	-0,001	0,013	0,025	FALSE
-0,039	0,317	-0,001	0,007	0,035	FALSE
-0,155	0,311	-0,005	0,011	0,195	FALSE
0,021	0,298	0,001	0,012	0,016	FALSE
-0,066	0,314	-0,002	0,008	0,081	FALSE
-0,077	0,312	-0,002	0,007	0,102	FALSE
-0,075	0,307	-0,003	0,012	0,109	FALSE
-0,025	0,310	-0,001	0,007	0,056	FALSE
-0,016	0,292	-0,001	0,007	0,051	FALSE
-0,048	0,305	-0,003	0,012	0,083	FALSE
0,048	0,316	0,002	0,010	0,072	FALSE
-0,010	0,301	-0,001	0,012	0,025	FALSE
0,138	0,313	0,003	0,008	0,170	FALSE
-0,014	0,293	-0,001	0,007	0,037	FALSE
0,003	0,317	0,000	0,013	0,011	FALSE
-0,066	0,319	-0,002	0,013	0,074	FALSE
0,000	0,302	0,000	0,012	0,011	FALSE
0,027	0,310	0,000	0,008	0,020	FALSE
0,048	0,291	0,002	0,013	0,046	FALSE
0,131	0,309	0,003	0,007	0,179	FALSE
-0,144	0,309	-0,006	0,011	0,239	FALSE
-0,080	0,305	-0,002	0,008	0,072	FALSE
0,037	0,308	0,001	0,011	0,045	FALSE
-0,017	0,310	0,000	0,009	0,003	FALSE
-0,111	0,303	-0,003	0,010	0,137	FALSE
0,075	0,306	0,002	0,007	0,113	FALSE
-0,081	0,294	-0,002	0,009	0,098	FALSE
0,026	0,306	0,000	0,007	0,025	FALSE
0,066	0,310	0,002	0,010	0,066	FALSE
0,078	0,315	0,002	0,012	0,055	FALSE
0,032	0,319	0,000	0,010	0,016	FALSE
0,019	0,306	0,001	0,010	0,028	FALSE
0,036	0,308	0,001	0,011	0,042	FALSE
0,088	0,315	0,003	0,011	0,094	FALSE
-0,092	0,312	-0,005	0,013	0,161	FALSE
-0,006	0,300	0,000	0,009	0,017	FALSE
-0,068	0,314	-0,001	0,008	0,060	FALSE
0,001	0,307	0,000	0,009	0,004	FALSE

0,088	0,314	0,001	0,007	0,069	FALSE
-0,115	0,306	-0,003	0,007	0,161	FALSE
-0,132	0,288	-0,004	0,009	0,153	FALSE
0,170	0,302	0,006	0,010	0,232	FALSE
0,086	0,307	0,003	0,011	0,103	FALSE
0,062	0,309	0,002	0,012	0,063	FALSE
-0,025	0,308	-0,001	0,011	0,017	FALSE
0,090	0,305	0,002	0,007	0,112	FALSE
-0,125	0,306	-0,003	0,007	0,154	FALSE
0,041	0,314	0,001	0,013	0,026	FALSE
0,078	0,311	0,003	0,012	0,105	FALSE
0,022	0,321	0,001	0,013	0,039	FALSE
-0,031	0,301	-0,001	0,013	0,033	FALSE
-0,101	0,326	-0,003	0,008	0,128	FALSE
0,056	0,310	0,001	0,009	0,035	FALSE
-0,160	0,305	-0,006	0,011	0,254	FALSE
0,132	0,310	0,003	0,008	0,167	FALSE
0,042	0,301	0,001	0,009	0,048	FALSE
-0,078	0,305	-0,003	0,008	0,120	FALSE
0,071	0,303	0,002	0,012	0,051	FALSE
-0,074	0,290	-0,003	0,011	0,098	FALSE
0,035	0,316	0,001	0,011	0,036	FALSE
-0,015	0,290	-0,001	0,006	0,034	FALSE
-0,039	0,318	-0,001	0,007	0,063	FALSE
0,049	0,300	0,003	0,011	0,092	FALSE
0,094	0,303	0,004	0,009	0,168	FALSE
0,039	0,297	0,001	0,007	0,027	FALSE
-0,076	0,299	-0,002	0,007	0,112	FALSE
0,026	0,295	0,000	0,007	0,018	FALSE
0,000	0,303	0,000	0,010	0,006	FALSE
0,051	0,322	0,002	0,013	0,065	FALSE
-0,151	0,317	-0,004	0,009	0,171	FALSE
-0,032	0,287	-0,002	0,009	0,100	FALSE
-0,021	0,309	0,000	0,013	0,007	FALSE
-0,045	0,309	-0,001	0,007	0,054	FALSE
-0,026	0,302	-0,001	0,009	0,033	FALSE
-0,037	0,299	-0,001	0,009	0,043	FALSE
-0,143	0,298	-0,006	0,011	0,245	FALSE
0,030	0,308	0,001	0,012	0,041	FALSE
0,016	0,309	0,001	0,013	0,021	FALSE
-0,001	0,300	0,000	0,012	0,011	FALSE
-0,010	0,305	0,000	0,007	0,018	FALSE
-0,055	0,311	-0,001	0,007	0,037	FALSE
-0,061	0,310	-0,001	0,006	0,060	FALSE
-0,017	0,313	0,000	0,008	0,024	FALSE
0,115	0,302	0,003	0,012	0,114	FALSE
0,019	0,309	0,001	0,006	0,040	FALSE
0,052	0,307	0,001	0,007	0,073	FALSE
-0,137	0,314	-0,003	0,007	0,165	FALSE
-0,050	0,304	-0,002	0,012	0,050	FALSE
-0,028	0,287	-0,001	0,011	0,028	FALSE
0,108	0,302	0,004	0,009	0,166	FALSE
-0,044	0,297	-0,001	0,011	0,034	FALSE

0,025	0,309	0,000	0,009	0,001	FALSE
0,112	0,289	0,003	0,006	0,195	FALSE
0,033	0,301	0,001	0,009	0,024	FALSE
-0,093	0,303	-0,002	0,007	0,124	FALSE
-0,031	0,307	-0,001	0,009	0,030	FALSE
0,056	0,319	0,002	0,012	0,077	FALSE
0,051	0,310	0,002	0,011	0,065	FALSE
0,131	0,290	0,003	0,008	0,174	FALSE
0,020	0,298	0,001	0,011	0,021	FALSE
0,144	0,286	0,004	0,008	0,192	FALSE
0,001	0,312	0,001	0,012	0,024	FALSE
-0,028	0,309	-0,001	0,012	0,026	FALSE
-0,046	0,311	-0,002	0,010	0,068	FALSE
-0,040	0,303	-0,002	0,011	0,063	FALSE
-0,043	0,310	-0,001	0,007	0,068	FALSE
-0,005	0,302	-0,001	0,009	0,037	FALSE
0,014	0,300	0,001	0,007	0,048	FALSE
-0,013	0,304	0,000	0,007	0,017	FALSE
0,000	0,304	0,001	0,013	0,023	FALSE
-0,054	0,326	-0,002	0,010	0,065	FALSE
-0,050	0,306	-0,002	0,012	0,051	FALSE
0,041	0,315	0,002	0,012	0,068	FALSE
-0,048	0,320	-0,001	0,008	0,032	FALSE
-0,015	0,290	-0,002	0,012	0,056	FALSE
0,088	0,307	0,003	0,013	0,105	FALSE
0,012	0,305	0,001	0,011	0,020	FALSE
0,091	0,306	0,003	0,010	0,114	FALSE
-0,041	0,304	-0,002	0,011	0,053	FALSE
-0,105	0,317	-0,003	0,011	0,126	FALSE
0,057	0,317	0,002	0,011	0,079	FALSE
0,126	0,310	0,004	0,010	0,171	FALSE
0,075	0,301	0,002	0,008	0,074	FALSE
-0,075	0,317	-0,003	0,012	0,111	FALSE
-0,012	0,314	0,000	0,007	0,009	FALSE
0,048	0,323	0,002	0,007	0,094	FALSE
0,055	0,306	0,001	0,006	0,078	FALSE
-0,035	0,315	0,000	0,008	0,014	FALSE
-0,044	0,314	-0,001	0,007	0,067	FALSE
0,084	0,312	0,002	0,011	0,087	FALSE
0,016	0,314	0,000	0,009	0,012	FALSE
0,071	0,309	0,001	0,006	0,061	FALSE
0,057	0,312	0,003	0,013	0,084	FALSE
-0,049	0,317	-0,003	0,010	0,100	FALSE
-0,057	0,316	-0,002	0,011	0,059	FALSE
0,144	0,304	0,007	0,012	0,226	FALSE
-0,038	0,307	-0,002	0,010	0,083	FALSE
-0,014	0,325	-0,001	0,013	0,029	FALSE
-0,125	0,297	-0,004	0,011	0,139	FALSE
0,083	0,293	0,002	0,007	0,128	FALSE
0,009	0,297	0,001	0,011	0,024	FALSE
0,167	0,312	0,005	0,010	0,233	FALSE
-0,025	0,302	-0,002	0,011	0,051	FALSE
-0,049	0,309	-0,003	0,011	0,091	FALSE

-0,039	0,315	-0,002	0,011	0,067	FALSE
0,107	0,315	0,003	0,010	0,117	FALSE
0,114	0,299	0,003	0,009	0,130	FALSE
0,116	0,308	0,003	0,009	0,144	FALSE
0,116	0,297	0,003	0,009	0,139	FALSE
0,037	0,313	0,001	0,011	0,025	FALSE
-0,054	0,305	-0,002	0,011	0,059	FALSE
-0,016	0,306	0,000	0,009	0,015	FALSE
-0,088	0,311	-0,003	0,012	0,107	FALSE
-0,051	0,297	-0,003	0,012	0,087	FALSE
0,051	0,321	0,002	0,013	0,055	FALSE
0,056	0,292	0,002	0,008	0,073	FALSE
0,016	0,304	0,000	0,007	0,012	FALSE
0,025	0,310	0,001	0,007	0,045	FALSE
-0,104	0,307	-0,003	0,008	0,119	FALSE
-0,018	0,303	0,000	0,011	0,003	FALSE
-0,090	0,314	-0,003	0,012	0,097	FALSE
0,152	0,306	0,005	0,012	0,174	FALSE
-0,015	0,294	-0,001	0,010	0,042	FALSE
0,024	0,300	0,000	0,009	0,004	FALSE
0,042	0,318	0,001	0,008	0,047	FALSE
-0,082	0,312	-0,002	0,008	0,095	FALSE
0,103	0,306	0,003	0,010	0,136	FALSE
-0,123	0,291	-0,004	0,012	0,137	FALSE
-0,136	0,295	-0,004	0,009	0,169	FALSE
-0,096	0,318	-0,004	0,012	0,120	FALSE
-0,144	0,311	-0,005	0,013	0,154	FALSE
0,023	0,317	0,000	0,008	0,010	FALSE
0,037	0,318	0,001	0,008	0,034	FALSE
0,038	0,320	0,001	0,009	0,029	FALSE
-0,095	0,295	-0,004	0,012	0,117	FALSE
-0,106	0,316	-0,005	0,013	0,149	FALSE
0,080	0,307	0,003	0,011	0,124	FALSE
0,091	0,305	0,002	0,006	0,099	FALSE
-0,005	0,315	0,000	0,008	0,008	FALSE
0,022	0,305	0,001	0,011	0,046	FALSE
-0,007	0,302	-0,001	0,009	0,027	FALSE
0,033	0,311	0,001	0,012	0,039	FALSE
-0,031	0,311	-0,001	0,010	0,033	FALSE
-0,121	0,312	-0,004	0,008	0,178	FALSE
-0,045	0,308	-0,001	0,007	0,043	FALSE
-0,042	0,310	-0,001	0,006	0,085	FALSE
-0,029	0,307	-0,001	0,013	0,030	FALSE
-0,019	0,287	-0,001	0,012	0,022	FALSE
-0,050	0,305	-0,001	0,006	0,073	FALSE
0,010	0,309	0,000	0,009	0,003	FALSE
-0,011	0,302	-0,001	0,009	0,022	FALSE
-0,029	0,321	-0,001	0,012	0,031	FALSE
0,006	0,309	0,000	0,008	0,022	FALSE
0,171	0,297	0,007	0,011	0,256	FALSE
-0,050	0,309	0,000	0,007	0,022	FALSE
-0,106	0,308	-0,005	0,013	0,139	FALSE
-0,014	0,307	0,000	0,010	0,010	FALSE

-0,037	0,306	-0,001	0,010	0,037	FALSE
0,005	0,306	0,001	0,013	0,021	FALSE
0,045	0,287	0,001	0,012	0,045	FALSE
0,063	0,307	0,002	0,009	0,097	FALSE
0,184	0,312	0,005	0,008	0,253	FALSE
0,097	0,293	0,002	0,008	0,084	FALSE
-0,018	0,309	-0,002	0,011	0,057	FALSE
-0,072	0,288	-0,001	0,007	0,081	FALSE
0,056	0,289	0,002	0,012	0,061	FALSE
0,041	0,313	0,001	0,011	0,028	FALSE
0,028	0,318	0,000	0,011	0,005	FALSE
0,023	0,308	0,001	0,008	0,046	FALSE
0,010	0,296	0,000	0,011	0,012	FALSE
-0,035	0,312	-0,002	0,013	0,057	FALSE
0,053	0,312	0,001	0,009	0,052	FALSE
-0,082	0,295	-0,002	0,006	0,096	FALSE
0,000	0,312	0,000	0,009	0,008	FALSE
-0,068	0,299	-0,003	0,012	0,100	FALSE
-0,063	0,302	-0,002	0,013	0,050	FALSE
0,010	0,308	0,000	0,011	0,016	FALSE
-0,041	0,303	-0,001	0,006	0,052	FALSE
-0,042	0,315	-0,001	0,009	0,038	FALSE
-0,012	0,308	-0,001	0,010	0,022	FALSE
0,036	0,303	0,001	0,011	0,041	FALSE
0,028	0,315	0,001	0,012	0,026	FALSE
0,089	0,314	0,002	0,008	0,102	FALSE
0,107	0,307	0,002	0,007	0,123	FALSE
0,127	0,312	0,002	0,006	0,149	FALSE
-0,043	0,299	-0,001	0,008	0,025	FALSE
0,033	0,309	0,001	0,007	0,041	FALSE
-0,088	0,301	-0,005	0,013	0,141	FALSE
0,071	0,295	0,002	0,010	0,080	FALSE
-0,026	0,312	-0,001	0,010	0,025	FALSE
0,031	0,305	0,001	0,012	0,028	FALSE
0,096	0,317	0,002	0,007	0,136	FALSE
0,023	0,310	0,001	0,009	0,024	FALSE
0,018	0,315	0,001	0,011	0,042	FALSE
0,000	0,312	0,000	0,012	0,001	FALSE
-0,011	0,306	-0,001	0,012	0,018	FALSE
0,038	0,307	0,002	0,013	0,051	FALSE
-0,028	0,308	0,000	0,007	0,019	FALSE
0,038	0,311	0,001	0,006	0,041	FALSE
0,043	0,306	0,002	0,012	0,061	FALSE
0,026	0,314	0,001	0,009	0,037	FALSE
0,036	0,324	0,002	0,011	0,054	FALSE
-0,025	0,308	-0,002	0,011	0,074	FALSE
0,022	0,303	0,001	0,008	0,036	FALSE
0,062	0,313	0,002	0,009	0,074	FALSE
0,035	0,297	0,002	0,010	0,088	FALSE
-0,006	0,315	0,000	0,007	0,017	FALSE
0,045	0,289	0,003	0,012	0,088	FALSE
-0,031	0,303	-0,001	0,007	0,059	FALSE
0,100	0,309	0,003	0,011	0,088	FALSE

0,065	0,299	0,001	0,006	0,066	FALSE
0,115	0,311	0,003	0,007	0,155	FALSE
0,128	0,310	0,003	0,007	0,179	FALSE
0,032	0,312	0,000	0,009	0,012	FALSE
0,037	0,306	0,001	0,012	0,038	FALSE
-0,159	0,306	-0,006	0,011	0,240	FALSE
0,088	0,298	0,001	0,006	0,088	FALSE
-0,127	0,310	-0,005	0,012	0,180	FALSE
0,037	0,317	0,001	0,012	0,016	FALSE
0,090	0,303	0,003	0,012	0,111	FALSE
0,006	0,311	0,000	0,010	0,000	FALSE
0,088	0,307	0,002	0,009	0,077	FALSE
0,035	0,305	0,000	0,009	0,007	FALSE
-0,006	0,305	0,000	0,007	0,015	FALSE
0,082	0,298	0,002	0,008	0,123	FALSE
0,008	0,303	0,000	0,011	0,009	FALSE
0,025	0,301	0,000	0,008	0,004	FALSE
-0,070	0,317	-0,003	0,011	0,119	FALSE
-0,046	0,308	-0,001	0,012	0,044	FALSE
0,027	0,309	0,002	0,012	0,052	FALSE
0,021	0,323	0,001	0,009	0,051	FALSE
0,009	0,309	-0,001	0,011	0,017	FALSE
0,018	0,290	0,001	0,010	0,034	FALSE
-0,023	0,305	-0,001	0,008	0,031	FALSE
0,062	0,314	0,002	0,008	0,091	FALSE
-0,098	0,305	-0,004	0,012	0,114	FALSE
0,032	0,320	0,001	0,010	0,052	FALSE
-0,008	0,305	0,000	0,006	0,010	FALSE
0,011	0,297	0,000	0,008	0,011	FALSE
0,044	0,307	0,001	0,007	0,054	FALSE
-0,012	0,301	0,000	0,007	0,003	FALSE
0,036	0,315	0,001	0,008	0,030	FALSE
0,020	0,311	0,001	0,013	0,030	FALSE
-0,043	0,295	-0,001	0,007	0,035	FALSE
0,032	0,309	0,001	0,006	0,032	FALSE
-0,007	0,311	0,000	0,009	0,012	FALSE
-0,061	0,311	-0,002	0,011	0,072	FALSE
0,088	0,310	0,004	0,012	0,147	FALSE
-0,101	0,309	-0,003	0,011	0,122	FALSE
0,010	0,298	0,000	0,010	0,017	FALSE
0,112	0,307	0,002	0,006	0,105	FALSE
0,076	0,303	0,004	0,012	0,113	FALSE
0,006	0,310	0,000	0,009	0,009	FALSE
-0,012	0,303	0,000	0,011	0,007	FALSE
0,029	0,323	0,001	0,007	0,037	FALSE
-0,051	0,304	-0,002	0,011	0,057	FALSE
0,021	0,333	0,001	0,008	0,027	FALSE
-0,006	0,306	0,000	0,008	0,000	FALSE
0,028	0,301	0,001	0,008	0,034	FALSE
-0,042	0,319	-0,001	0,008	0,039	FALSE
0,090	0,314	0,003	0,011	0,090	FALSE
-0,059	0,312	-0,001	0,007	0,055	FALSE
0,006	0,320	0,000	0,008	0,013	FALSE

0,038	0,293	0,002	0,012	0,071	FALSE
0,136	0,315	0,006	0,013	0,194	FALSE
-0,087	0,292	-0,004	0,012	0,147	FALSE
-0,095	0,310	-0,004	0,011	0,135	FALSE
-0,086	0,301	-0,004	0,011	0,126	FALSE
0,005	0,307	0,000	0,012	0,008	FALSE
0,170	0,312	0,004	0,007	0,240	FALSE
0,069	0,316	0,001	0,006	0,061	FALSE
-0,005	0,307	0,000	0,006	0,006	FALSE
-0,063	0,314	-0,002	0,008	0,070	FALSE
-0,092	0,306	-0,002	0,007	0,122	FALSE
0,039	0,312	0,001	0,008	0,058	FALSE
0,041	0,306	0,001	0,008	0,045	FALSE
-0,036	0,305	-0,002	0,013	0,045	FALSE
0,033	0,303	0,001	0,013	0,036	FALSE
-0,126	0,320	-0,004	0,010	0,180	FALSE
-0,147	0,306	-0,005	0,009	0,244	FALSE
0,003	0,309	-0,001	0,007	0,030	FALSE
0,036	0,317	0,001	0,010	0,041	FALSE
-0,072	0,298	-0,002	0,008	0,104	FALSE
0,059	0,305	0,001	0,008	0,070	FALSE
0,140	0,304	0,002	0,007	0,133	FALSE
-0,159	0,295	-0,006	0,012	0,204	FALSE
-0,166	0,313	-0,004	0,008	0,233	FALSE
0,103	0,303	0,005	0,012	0,154	FALSE
0,045	0,308	0,002	0,011	0,079	FALSE
0,112	0,312	0,004	0,009	0,166	FALSE
0,020	0,313	0,000	0,007	0,006	FALSE
0,057	0,287	0,002	0,012	0,066	FALSE
0,019	0,309	0,000	0,007	0,007	FALSE
-0,035	0,311	-0,001	0,010	0,055	FALSE
0,099	0,306	0,005	0,013	0,157	FALSE
-0,056	0,296	-0,002	0,009	0,080	FALSE
-0,018	0,314	-0,001	0,007	0,029	FALSE
0,032	0,295	0,001	0,009	0,037	FALSE
0,031	0,296	0,001	0,010	0,043	FALSE
0,042	0,298	0,000	0,006	0,027	FALSE
-0,003	0,318	-0,001	0,008	0,036	FALSE
-0,059	0,316	-0,002	0,013	0,062	FALSE
-0,087	0,305	-0,003	0,013	0,095	FALSE
0,007	0,305	0,000	0,008	0,006	FALSE
0,037	0,308	0,001	0,011	0,048	FALSE
-0,086	0,312	-0,003	0,008	0,129	FALSE
-0,075	0,304	-0,002	0,008	0,113	FALSE
0,067	0,307	0,002	0,008	0,090	FALSE
0,010	0,309	0,001	0,010	0,025	FALSE
0,078	0,308	0,003	0,010	0,104	FALSE
0,044	0,314	0,002	0,010	0,058	FALSE
-0,052	0,298	-0,001	0,007	0,064	FALSE
0,095	0,318	0,004	0,014	0,114	FALSE
-0,084	0,305	-0,003	0,011	0,100	FALSE
-0,084	0,298	-0,002	0,007	0,124	FALSE
-0,018	0,308	-0,002	0,011	0,057	FALSE

-0,028	0,313	0,000	0,007	0,020	FALSE
-0,093	0,313	-0,002	0,007	0,135	FALSE
-0,007	0,304	0,000	0,007	0,000	FALSE
-0,125	0,308	-0,004	0,009	0,165	FALSE
-0,076	0,304	-0,002	0,011	0,075	FALSE
0,018	0,313	0,001	0,008	0,035	FALSE
0,130	0,306	0,004	0,007	0,227	FALSE
0,031	0,299	0,001	0,008	0,049	FALSE
-0,059	0,312	-0,002	0,012	0,055	FALSE
0,073	0,291	0,001	0,006	0,093	FALSE
-0,015	0,307	0,000	0,008	0,004	FALSE
-0,030	0,308	0,000	0,013	0,006	FALSE
-0,141	0,308	-0,003	0,006	0,198	FALSE
-0,111	0,304	-0,002	0,007	0,141	FALSE
-0,082	0,292	-0,003	0,012	0,091	FALSE
-0,127	0,313	-0,003	0,007	0,175	FALSE
-0,060	0,307	-0,002	0,012	0,055	FALSE
-0,069	0,301	-0,002	0,009	0,096	FALSE
-0,059	0,303	-0,002	0,010	0,089	FALSE
0,103	0,310	0,004	0,012	0,125	FALSE
-0,113	0,322	-0,005	0,013	0,154	FALSE
0,015	0,308	0,001	0,012	0,041	FALSE
0,043	0,317	0,001	0,012	0,044	FALSE
0,027	0,321	0,001	0,009	0,047	FALSE
0,059	0,310	0,003	0,010	0,097	FALSE
0,082	0,305	0,003	0,010	0,129	FALSE
-0,048	0,288	-0,001	0,007	0,073	FALSE
0,003	0,312	0,000	0,008	0,015	FALSE
-0,161	0,308	-0,003	0,007	0,212	FALSE
0,039	0,317	0,001	0,007	0,044	FALSE
-0,075	0,305	-0,002	0,008	0,078	FALSE
0,024	0,292	0,000	0,009	0,012	FALSE
0,201	0,288	0,007	0,012	0,261	FALSE
-0,001	0,312	0,000	0,007	0,005	FALSE
0,008	0,301	0,000	0,010	0,012	FALSE
0,031	0,308	0,002	0,011	0,061	FALSE
0,008	0,320	0,001	0,011	0,030	FALSE
0,030	0,310	0,001	0,009	0,029	FALSE
0,057	0,315	0,002	0,006	0,094	FALSE
-0,102	0,311	-0,002	0,008	0,109	FALSE
0,050	0,332	0,002	0,010	0,064	FALSE
-0,013	0,307	-0,002	0,012	0,049	FALSE
0,021	0,306	0,000	0,006	0,012	FALSE
-0,062	0,303	-0,002	0,008	0,087	FALSE
0,097	0,314	0,003	0,010	0,127	FALSE
-0,096	0,301	-0,002	0,008	0,119	FALSE
0,120	0,310	0,004	0,010	0,140	FALSE
-0,029	0,297	-0,002	0,010	0,067	FALSE
-0,019	0,320	-0,001	0,010	0,038	FALSE
0,033	0,303	0,001	0,010	0,043	FALSE
0,121	0,302	0,003	0,009	0,146	FALSE
-0,029	0,307	-0,001	0,011	0,030	FALSE
-0,112	0,299	-0,004	0,011	0,131	FALSE

0,028	0,301	0,001	0,008	0,043	FALSE
0,043	0,305	0,001	0,009	0,052	FALSE
-0,088	0,312	-0,004	0,014	0,099	FALSE
0,111	0,312	0,004	0,011	0,156	FALSE
-0,010	0,310	0,000	0,007	0,006	FALSE
0,075	0,303	0,003	0,010	0,139	FALSE
-0,062	0,329	-0,001	0,007	0,069	FALSE
0,045	0,302	0,001	0,007	0,052	FALSE
-0,039	0,300	-0,001	0,009	0,042	FALSE
-0,017	0,296	0,000	0,008	0,010	FALSE
-0,122	0,304	-0,004	0,011	0,169	FALSE
0,111	0,301	0,004	0,009	0,155	FALSE
-0,021	0,313	-0,001	0,013	0,022	FALSE
-0,020	0,314	0,000	0,013	0,001	FALSE
-0,019	0,306	0,000	0,006	0,001	FALSE
-0,064	0,308	-0,001	0,007	0,061	FALSE
-0,050	0,316	-0,002	0,011	0,063	FALSE
0,037	0,307	0,001	0,009	0,047	FALSE
0,044	0,315	0,001	0,013	0,038	FALSE
-0,108	0,317	-0,002	0,007	0,123	FALSE
0,023	0,297	0,000	0,008	0,004	FALSE
-0,069	0,311	-0,002	0,007	0,081	FALSE
0,106	0,305	0,003	0,010	0,124	FALSE
-0,001	0,306	0,000	0,006	0,009	FALSE
0,010	0,304	0,001	0,007	0,029	FALSE
-0,004	0,314	0,000	0,012	0,003	FALSE
-0,003	0,320	0,001	0,010	0,025	FALSE
0,044	0,303	0,001	0,012	0,017	FALSE
-0,011	0,309	0,000	0,012	0,007	FALSE
-0,005	0,320	0,000	0,007	0,019	FALSE
-0,142	0,298	-0,004	0,009	0,156	FALSE
-0,080	0,307	-0,002	0,012	0,074	FALSE
-0,012	0,310	0,000	0,009	0,001	FALSE
-0,173	0,299	-0,005	0,008	0,248	FALSE
-0,166	0,305	-0,004	0,008	0,231	FALSE
-0,007	0,308	0,001	0,012	0,016	FALSE
0,025	0,294	0,000	0,012	0,012	FALSE
-0,022	0,312	-0,001	0,007	0,034	FALSE
-0,023	0,318	-0,001	0,011	0,021	FALSE
0,052	0,303	0,002	0,006	0,097	FALSE
-0,018	0,301	-0,002	0,012	0,070	FALSE
0,111	0,306	0,004	0,010	0,144	FALSE
0,066	0,288	0,002	0,006	0,105	FALSE
-0,099	0,296	-0,004	0,009	0,181	FALSE
0,099	0,299	0,003	0,009	0,139	FALSE
-0,022	0,303	-0,001	0,012	0,024	FALSE
0,076	0,302	0,002	0,013	0,071	FALSE
0,000	0,312	0,000	0,012	0,004	FALSE
-0,033	0,323	-0,002	0,013	0,051	FALSE
0,098	0,300	0,004	0,012	0,112	FALSE
-0,053	0,310	-0,001	0,007	0,043	FALSE
0,004	0,323	0,000	0,007	0,021	FALSE
-0,025	0,318	0,000	0,010	0,012	FALSE

0,040	0,314	0,001	0,009	0,052	FALSE
0,013	0,318	0,000	0,011	0,002	FALSE
-0,003	0,303	0,000	0,007	0,001	FALSE
-0,102	0,329	-0,004	0,012	0,137	FALSE
0,075	0,304	0,004	0,011	0,125	FALSE
-0,054	0,318	-0,002	0,010	0,077	FALSE
-0,047	0,313	-0,002	0,010	0,069	FALSE
-0,060	0,312	-0,001	0,007	0,076	FALSE
0,034	0,319	0,002	0,013	0,063	FALSE
-0,102	0,312	-0,004	0,011	0,133	FALSE
0,206	0,296	0,009	0,012	0,353	FALSE
0,011	0,300	0,000	0,007	0,006	FALSE
-0,002	0,315	0,000	0,007	0,001	FALSE
0,052	0,304	0,001	0,008	0,043	FALSE
0,014	0,327	0,000	0,008	0,008	FALSE
-0,030	0,310	0,000	0,008	0,018	FALSE
-0,006	0,304	0,000	0,008	0,005	FALSE
0,175	0,296	0,007	0,012	0,254	FALSE
-0,063	0,312	-0,003	0,011	0,088	FALSE
-0,056	0,297	-0,001	0,010	0,054	FALSE
0,041	0,319	0,001	0,010	0,031	FALSE
0,085	0,315	0,002	0,009	0,093	FALSE
0,085	0,313	0,003	0,009	0,112	FALSE
0,100	0,307	0,003	0,009	0,120	FALSE
0,098	0,309	0,003	0,009	0,129	FALSE
-0,001	0,312	0,000	0,007	0,001	FALSE
0,121	0,307	0,004	0,010	0,161	FALSE
0,120	0,294	0,004	0,009	0,183	FALSE
0,009	0,307	0,000	0,009	0,007	FALSE
-0,081	0,310	-0,004	0,012	0,121	FALSE
-0,096	0,312	-0,005	0,012	0,158	FALSE
-0,093	0,306	-0,005	0,012	0,155	FALSE
0,001	0,304	-0,001	0,013	0,025	FALSE
0,146	0,297	0,004	0,009	0,194	FALSE
0,100	0,314	0,003	0,011	0,125	FALSE
0,068	0,302	0,002	0,009	0,090	FALSE
0,113	0,321	0,004	0,010	0,163	FALSE
-0,055	0,302	-0,002	0,009	0,066	FALSE
-0,083	0,299	-0,003	0,012	0,104	FALSE
0,004	0,303	0,000	0,012	0,006	FALSE
0,022	0,308	0,000	0,007	0,025	FALSE
-0,021	0,298	0,000	0,007	0,008	FALSE
0,024	0,304	0,000	0,012	0,002	FALSE
-0,088	0,304	-0,002	0,007	0,105	FALSE
-0,018	0,303	-0,001	0,009	0,023	FALSE
0,015	0,312	0,000	0,009	0,009	FALSE
-0,073	0,314	-0,003	0,012	0,100	FALSE
-0,060	0,296	-0,002	0,007	0,097	FALSE
-0,002	0,299	0,000	0,012	0,008	FALSE
0,053	0,308	0,002	0,007	0,087	FALSE
-0,009	0,299	0,001	0,012	0,020	FALSE
-0,020	0,298	-0,001	0,007	0,038	FALSE
-0,042	0,308	-0,002	0,009	0,073	FALSE

0,033	0,321	0,001	0,007	0,051	FALSE
-0,060	0,300	-0,001	0,008	0,056	FALSE
0,045	0,301	0,001	0,006	0,071	FALSE
0,021	0,304	0,001	0,006	0,037	FALSE
0,018	0,304	0,000	0,008	0,013	FALSE
-0,151	0,297	-0,005	0,008	0,255	FALSE
0,069	0,302	0,001	0,007	0,076	FALSE
0,003	0,313	0,001	0,010	0,020	FALSE
-0,026	0,306	0,000	0,007	0,018	FALSE
-0,168	0,311	-0,004	0,007	0,221	FALSE
-0,092	0,317	-0,003	0,010	0,107	FALSE
0,068	0,294	0,003	0,011	0,106	FALSE
-0,056	0,302	-0,001	0,006	0,058	FALSE
0,040	0,304	0,001	0,009	0,050	FALSE
-0,026	0,308	0,000	0,007	0,016	FALSE
-0,063	0,308	-0,002	0,011	0,068	FALSE
0,117	0,300	0,003	0,007	0,179	FALSE
0,078	0,314	0,003	0,011	0,120	FALSE
0,067	0,313	0,003	0,013	0,088	FALSE
-0,005	0,309	0,000	0,012	0,007	FALSE
-0,016	0,313	-0,001	0,011	0,017	FALSE
0,132	0,305	0,004	0,008	0,201	FALSE
0,043	0,309	0,002	0,008	0,076	FALSE
-0,055	0,305	-0,002	0,009	0,096	FALSE
0,008	0,305	0,001	0,011	0,021	FALSE
-0,001	0,319	0,000	0,011	0,008	FALSE
0,034	0,306	0,002	0,011	0,056	FALSE
-0,015	0,307	0,000	0,012	0,001	FALSE
0,214	0,284	0,005	0,007	0,342	FALSE
0,118	0,305	0,004	0,010	0,176	FALSE
-0,008	0,299	0,000	0,008	0,015	FALSE
-0,036	0,298	-0,001	0,009	0,044	FALSE
-0,121	0,293	-0,003	0,007	0,166	FALSE
-0,014	0,299	-0,001	0,010	0,027	FALSE
0,040	0,317	0,002	0,011	0,050	FALSE
0,031	0,306	0,000	0,012	0,000	FALSE
0,031	0,297	0,001	0,007	0,026	FALSE
-0,022	0,312	-0,001	0,010	0,043	FALSE
0,010	0,309	0,001	0,009	0,035	FALSE
-0,093	0,296	-0,003	0,010	0,119	FALSE
0,129	0,302	0,004	0,010	0,166	FALSE
-0,144	0,314	-0,004	0,010	0,156	FALSE
-0,090	0,290	-0,005	0,012	0,154	FALSE
-0,050	0,317	-0,002	0,013	0,060	FALSE
-0,042	0,311	-0,002	0,012	0,050	FALSE
-0,025	0,319	-0,001	0,011	0,038	FALSE
0,072	0,308	0,003	0,013	0,096	FALSE
-0,077	0,317	-0,004	0,013	0,104	FALSE
0,004	0,325	0,001	0,010	0,026	FALSE
0,073	0,312	0,003	0,009	0,121	FALSE
-0,123	0,314	-0,002	0,007	0,138	FALSE
-0,222	0,306	-0,009	0,013	0,320	FALSE
-0,211	0,306	-0,009	0,013	0,312	FALSE

-0,125	0,300	-0,005	0,012	0,153	FALSE
-0,034	0,314	-0,001	0,007	0,033	FALSE
0,013	0,319	0,001	0,007	0,029	FALSE
-0,062	0,305	-0,002	0,008	0,068	FALSE
0,017	0,294	0,001	0,009	0,019	FALSE
-0,146	0,306	-0,005	0,010	0,208	FALSE
-0,135	0,328	-0,005	0,012	0,188	FALSE
-0,013	0,314	0,000	0,007	0,009	FALSE
-0,128	0,304	-0,005	0,011	0,197	FALSE
0,038	0,307	0,001	0,011	0,022	FALSE
-0,032	0,304	-0,001	0,008	0,028	FALSE
-0,038	0,302	-0,001	0,009	0,056	FALSE
-0,006	0,312	-0,001	0,011	0,035	FALSE
-0,018	0,309	0,001	0,010	0,019	FALSE
-0,027	0,318	-0,001	0,008	0,035	FALSE
-0,031	0,315	-0,001	0,008	0,038	FALSE
-0,147	0,292	-0,004	0,008	0,220	FALSE
-0,107	0,324	-0,003	0,009	0,140	FALSE
0,163	0,291	0,006	0,009	0,292	FALSE
-0,099	0,313	-0,003	0,009	0,130	FALSE
0,035	0,313	0,001	0,007	0,030	FALSE
0,065	0,296	0,002	0,007	0,100	FALSE
0,012	0,312	0,000	0,008	0,010	FALSE
-0,042	0,299	-0,001	0,011	0,030	FALSE
0,030	0,300	0,000	0,011	0,006	FALSE
-0,007	0,292	-0,001	0,010	0,043	FALSE
-0,070	0,327	-0,002	0,012	0,073	FALSE
0,195	0,294	0,007	0,010	0,286	FALSE
0,181	0,308	0,006	0,010	0,253	FALSE
-0,022	0,307	-0,001	0,007	0,031	FALSE
-0,046	0,312	-0,001	0,007	0,052	FALSE
-0,116	0,298	-0,003	0,008	0,159	FALSE
-0,054	0,311	-0,001	0,007	0,046	FALSE
-0,052	0,311	-0,001	0,009	0,064	FALSE
-0,035	0,320	-0,002	0,012	0,054	FALSE
-0,126	0,304	-0,006	0,013	0,184	FALSE
0,119	0,306	0,003	0,010	0,102	FALSE
-0,057	0,311	-0,001	0,007	0,031	FALSE
0,108	0,308	0,003	0,009	0,154	FALSE
0,103	0,308	0,003	0,009	0,135	FALSE
0,067	0,301	0,001	0,007	0,079	FALSE
-0,050	0,312	-0,001	0,006	0,087	FALSE
-0,102	0,301	-0,002	0,008	0,117	FALSE
-0,050	0,315	-0,002	0,012	0,070	FALSE
0,114	0,301	0,002	0,006	0,140	FALSE
0,087	0,296	0,003	0,008	0,176	FALSE
-0,121	0,305	-0,004	0,010	0,153	FALSE
0,026	0,298	0,001	0,012	0,022	FALSE
0,120	0,309	0,005	0,012	0,182	FALSE
-0,100	0,319	-0,003	0,009	0,109	FALSE
-0,031	0,306	-0,001	0,008	0,034	FALSE
-0,014	0,301	0,000	0,008	0,011	FALSE
-0,181	0,299	-0,005	0,009	0,274	FALSE

-0,136	0,293	-0,005	0,012	0,179	FALSE
0,073	0,313	0,002	0,007	0,102	FALSE
-0,013	0,315	0,000	0,010	0,014	FALSE
-0,012	0,296	0,000	0,007	0,007	FALSE
0,002	0,309	0,000	0,009	0,011	FALSE
0,136	0,294	0,005	0,009	0,216	FALSE
0,180	0,287	0,006	0,009	0,301	FALSE
-0,060	0,300	-0,002	0,012	0,056	FALSE
0,009	0,314	0,000	0,007	0,004	FALSE
-0,028	0,304	-0,001	0,009	0,060	FALSE
0,028	0,309	0,001	0,013	0,034	FALSE
-0,149	0,316	-0,004	0,009	0,201	FALSE
-0,110	0,318	-0,004	0,011	0,134	FALSE
-0,028	0,314	-0,001	0,009	0,035	FALSE
-0,017	0,313	0,000	0,007	0,011	FALSE
0,077	0,306	0,003	0,012	0,086	FALSE
0,057	0,307	0,002	0,011	0,069	FALSE
0,072	0,307	0,002	0,009	0,109	FALSE
-0,151	0,292	-0,004	0,007	0,222	FALSE
-0,028	0,296	-0,001	0,010	0,024	FALSE
-0,057	0,305	-0,002	0,011	0,059	FALSE
0,037	0,318	0,001	0,009	0,052	FALSE
-0,049	0,303	-0,002	0,010	0,062	FALSE
-0,074	0,308	-0,002	0,008	0,104	FALSE
-0,105	0,323	-0,003	0,010	0,117	FALSE
0,026	0,317	0,001	0,010	0,049	FALSE
-0,001	0,313	0,000	0,007	0,007	FALSE
-0,007	0,312	0,000	0,007	0,013	FALSE
-0,021	0,306	-0,002	0,011	0,055	FALSE
-0,007	0,311	0,000	0,010	0,006	FALSE
0,126	0,324	0,003	0,007	0,151	FALSE
0,073	0,315	0,001	0,007	0,073	FALSE
-0,046	0,305	-0,001	0,009	0,044	FALSE
0,005	0,309	0,000	0,008	0,017	FALSE
0,027	0,315	0,001	0,013	0,017	FALSE
-0,085	0,317	-0,002	0,009	0,092	FALSE
0,049	0,304	0,001	0,008	0,056	FALSE
0,147	0,309	0,005	0,009	0,241	FALSE
0,051	0,297	0,001	0,007	0,036	FALSE
0,076	0,303	0,001	0,007	0,055	FALSE
-0,098	0,321	-0,002	0,009	0,100	FALSE
-0,015	0,313	0,000	0,011	0,014	FALSE
-0,016	0,302	-0,001	0,012	0,017	FALSE
0,044	0,317	0,001	0,012	0,044	FALSE
-0,006	0,313	0,000	0,012	0,006	FALSE
0,060	0,323	0,002	0,007	0,083	FALSE
-0,161	0,302	-0,005	0,009	0,221	FALSE
-0,165	0,307	-0,004	0,007	0,220	FALSE
-0,068	0,310	-0,003	0,013	0,082	FALSE
-0,118	0,311	-0,004	0,011	0,127	FALSE
0,030	0,305	0,002	0,012	0,058	FALSE
0,050	0,310	0,002	0,008	0,082	FALSE
0,082	0,303	0,002	0,007	0,114	FALSE

0,129	0,314	0,004	0,010	0,177	FALSE
0,032	0,301	0,001	0,008	0,051	FALSE
0,040	0,316	0,002	0,011	0,051	FALSE
0,064	0,307	0,003	0,013	0,100	FALSE
0,094	0,319	0,002	0,007	0,093	FALSE
0,103	0,302	0,002	0,007	0,106	FALSE
0,124	0,296	0,003	0,007	0,157	FALSE
-0,005	0,296	0,000	0,007	0,005	FALSE
0,022	0,297	0,000	0,011	0,004	FALSE
-0,085	0,308	-0,003	0,009	0,139	FALSE
0,039	0,314	0,000	0,009	0,013	FALSE
-0,004	0,310	-0,001	0,010	0,031	FALSE
0,021	0,311	0,000	0,012	0,007	FALSE
0,118	0,309	0,002	0,007	0,143	FALSE
-0,177	0,311	-0,008	0,013	0,251	FALSE
0,101	0,307	0,003	0,011	0,098	FALSE
0,125	0,298	0,004	0,011	0,141	FALSE
0,107	0,299	0,003	0,011	0,111	FALSE
0,043	0,311	0,001	0,008	0,063	FALSE
-0,006	0,312	-0,001	0,011	0,023	FALSE
-0,044	0,326	-0,001	0,009	0,045	FALSE
-0,019	0,291	-0,001	0,011	0,034	FALSE
0,166	0,293	0,004	0,007	0,222	FALSE
-0,033	0,304	-0,001	0,012	0,036	FALSE
0,034	0,307	0,001	0,008	0,064	FALSE
0,052	0,300	0,002	0,011	0,056	FALSE
0,089	0,291	0,002	0,008	0,114	FALSE
-0,080	0,321	-0,003	0,012	0,086	FALSE
0,085	0,295	0,002	0,009	0,089	FALSE
-0,082	0,302	-0,001	0,006	0,083	FALSE
-0,042	0,301	-0,002	0,012	0,057	FALSE
-0,131	0,323	-0,004	0,010	0,162	FALSE
0,049	0,316	0,001	0,007	0,064	FALSE
0,099	0,311	0,003	0,009	0,136	FALSE
-0,044	0,290	-0,002	0,012	0,056	FALSE
0,131	0,290	0,005	0,010	0,203	FALSE
-0,026	0,314	-0,001	0,012	0,036	FALSE
-0,002	0,300	0,000	0,007	0,002	FALSE
0,047	0,316	0,001	0,008	0,023	FALSE
-0,057	0,328	-0,002	0,011	0,058	FALSE
-0,001	0,312	0,000	0,007	0,002	FALSE
-0,142	0,295	-0,004	0,008	0,193	FALSE
0,014	0,306	0,000	0,006	0,015	FALSE
0,029	0,304	0,001	0,011	0,043	FALSE
0,018	0,312	0,000	0,009	0,004	FALSE
-0,045	0,304	-0,003	0,012	0,079	FALSE
-0,047	0,305	-0,003	0,012	0,091	FALSE
0,045	0,309	0,002	0,012	0,066	FALSE
-0,028	0,308	-0,001	0,012	0,039	FALSE
-0,002	0,318	-0,001	0,009	0,022	FALSE
-0,038	0,304	-0,001	0,006	0,042	FALSE
0,006	0,319	0,000	0,013	0,002	FALSE
0,015	0,312	0,000	0,007	0,013	FALSE

-0,033	0,304	-0,001	0,010	0,054	FALSE
0,022	0,313	0,000	0,007	0,002	FALSE
-0,100	0,301	-0,003	0,012	0,088	FALSE
-0,127	0,302	-0,006	0,012	0,183	FALSE
-0,027	0,328	0,000	0,009	0,016	FALSE
-0,072	0,318	-0,002	0,009	0,065	FALSE
-0,072	0,311	-0,002	0,007	0,091	FALSE
-0,024	0,302	-0,002	0,012	0,048	FALSE
0,058	0,304	0,001	0,007	0,068	FALSE
0,126	0,296	0,006	0,012	0,194	FALSE
-0,018	0,314	0,000	0,007	0,019	FALSE
0,056	0,328	0,002	0,012	0,072	FALSE
0,017	0,306	0,000	0,009	0,007	FALSE
0,086	0,301	0,003	0,008	0,134	FALSE
0,022	0,317	0,000	0,013	0,010	FALSE
0,038	0,296	0,002	0,009	0,099	FALSE
0,017	0,300	0,000	0,012	0,006	FALSE
0,058	0,322	0,001	0,010	0,044	FALSE
0,060	0,303	0,002	0,008	0,086	FALSE
-0,014	0,311	0,000	0,012	0,004	FALSE
-0,050	0,311	-0,002	0,010	0,084	FALSE
-0,003	0,312	0,000	0,006	0,014	FALSE
0,016	0,306	0,000	0,010	0,008	FALSE
0,129	0,312	0,003	0,008	0,156	FALSE
0,029	0,309	0,000	0,008	0,017	FALSE
0,031	0,307	0,001	0,008	0,060	FALSE
0,012	0,318	0,000	0,010	0,000	FALSE
0,129	0,290	0,004	0,008	0,208	FALSE
0,119	0,294	0,006	0,012	0,196	FALSE
0,028	0,317	0,001	0,006	0,052	FALSE
-0,049	0,294	-0,001	0,010	0,043	FALSE
-0,133	0,320	-0,005	0,010	0,204	FALSE
-0,089	0,306	-0,002	0,006	0,107	FALSE
-0,084	0,308	-0,002	0,006	0,096	FALSE
-0,064	0,306	-0,002	0,008	0,081	FALSE
-0,091	0,307	-0,003	0,013	0,098	FALSE
-0,125	0,312	-0,004	0,008	0,197	FALSE
-0,149	0,312	-0,005	0,011	0,201	FALSE
0,132	0,290	0,003	0,008	0,174	FALSE
0,066	0,327	0,002	0,009	0,080	FALSE
0,082	0,314	0,002	0,009	0,098	FALSE
-0,010	0,301	0,000	0,009	0,017	FALSE
-0,032	0,319	-0,001	0,013	0,038	FALSE
-0,098	0,305	-0,004	0,012	0,140	FALSE
-0,063	0,299	-0,002	0,009	0,083	FALSE
-0,072	0,299	-0,002	0,010	0,090	FALSE
-0,077	0,299	-0,004	0,012	0,117	FALSE
0,022	0,299	0,000	0,009	0,009	FALSE
-0,104	0,297	-0,004	0,012	0,143	FALSE
0,001	0,313	-0,001	0,010	0,028	FALSE
0,009	0,312	-0,001	0,010	0,021	FALSE
0,048	0,308	0,002	0,011	0,073	FALSE
0,066	0,316	0,003	0,012	0,102	FALSE

-0,042	0,310	0,000	0,008	0,019	FALSE
-0,014	0,310	-0,001	0,008	0,024	FALSE
0,056	0,321	0,002	0,010	0,086	FALSE
-0,026	0,317	0,000	0,008	0,005	FALSE
0,065	0,296	0,001	0,009	0,030	FALSE
0,063	0,302	0,001	0,012	0,028	FALSE
-0,079	0,299	-0,002	0,008	0,092	FALSE
0,006	0,310	0,001	0,012	0,031	FALSE
0,004	0,311	0,001	0,012	0,026	FALSE
0,186	0,304	0,005	0,008	0,285	FALSE
0,037	0,292	0,001	0,012	0,032	FALSE
0,014	0,306	0,000	0,010	0,002	FALSE
-0,089	0,303	-0,002	0,008	0,092	FALSE
-0,138	0,306	-0,003	0,007	0,189	FALSE
0,041	0,310	0,001	0,007	0,062	FALSE
-0,117	0,302	-0,003	0,007	0,160	FALSE
0,025	0,305	0,001	0,008	0,054	FALSE
-0,108	0,289	-0,003	0,011	0,101	FALSE
-0,112	0,302	-0,003	0,012	0,097	FALSE
-0,059	0,302	-0,001	0,012	0,029	FALSE
0,138	0,298	0,004	0,009	0,165	FALSE
0,056	0,305	0,001	0,012	0,043	FALSE
-0,051	0,312	-0,001	0,008	0,063	FALSE
-0,014	0,320	-0,001	0,011	0,027	FALSE
-0,009	0,313	-0,001	0,013	0,019	FALSE
0,021	0,308	0,000	0,010	0,016	FALSE
-0,031	0,315	0,000	0,008	0,013	FALSE
-0,083	0,315	-0,003	0,009	0,110	FALSE
0,110	0,310	0,002	0,008	0,105	FALSE
-0,030	0,304	-0,001	0,009	0,029	FALSE
0,000	0,307	0,000	0,008	0,004	FALSE
-0,035	0,315	0,000	0,007	0,019	FALSE
0,011	0,313	0,000	0,008	0,010	FALSE
0,133	0,303	0,005	0,009	0,234	FALSE
-0,006	0,310	-0,001	0,009	0,043	FALSE
-0,051	0,312	-0,001	0,006	0,087	FALSE
-0,045	0,307	-0,001	0,009	0,053	FALSE
0,012	0,293	0,000	0,007	0,003	FALSE
-0,052	0,310	-0,001	0,007	0,043	FALSE
-0,115	0,295	-0,004	0,010	0,166	FALSE
-0,024	0,310	-0,001	0,011	0,035	FALSE
-0,001	0,316	-0,001	0,010	0,019	FALSE
0,085	0,285	0,002	0,007	0,118	FALSE
0,054	0,299	0,002	0,008	0,071	FALSE
0,046	0,301	0,001	0,007	0,066	FALSE
-0,033	0,319	-0,001	0,012	0,030	FALSE
-0,014	0,319	0,000	0,013	0,006	FALSE
-0,082	0,309	-0,002	0,009	0,095	FALSE
-0,115	0,307	-0,003	0,007	0,142	FALSE
0,078	0,300	0,003	0,012	0,086	FALSE
-0,093	0,302	-0,003	0,013	0,104	FALSE
-0,123	0,303	-0,005	0,012	0,146	FALSE
0,050	0,314	0,002	0,012	0,053	FALSE

0,028	0,301	0,000	0,007	0,018	FALSE
-0,060	0,318	-0,001	0,009	0,052	FALSE
0,023	0,300	0,001	0,008	0,024	FALSE
0,061	0,319	0,002	0,007	0,086	FALSE
0,057	0,298	0,002	0,008	0,071	FALSE
-0,074	0,302	-0,002	0,010	0,077	FALSE
0,002	0,328	0,000	0,013	0,011	FALSE
-0,030	0,292	-0,002	0,012	0,059	FALSE
0,042	0,309	0,001	0,013	0,034	FALSE
-0,058	0,310	-0,002	0,008	0,069	FALSE
-0,004	0,323	0,000	0,011	0,004	FALSE
-0,038	0,309	-0,001	0,010	0,050	FALSE
0,038	0,300	0,001	0,006	0,058	FALSE
-0,046	0,301	0,000	0,007	0,014	FALSE
-0,016	0,305	0,000	0,007	0,008	FALSE
-0,077	0,315	-0,002	0,009	0,094	FALSE
-0,111	0,315	-0,004	0,011	0,137	FALSE
-0,079	0,312	-0,003	0,009	0,109	FALSE
0,021	0,316	0,000	0,013	0,010	FALSE
0,044	0,308	0,002	0,011	0,064	FALSE
0,069	0,302	0,002	0,008	0,083	FALSE
-0,051	0,317	-0,001	0,009	0,059	FALSE
0,064	0,312	0,002	0,009	0,078	FALSE
0,184	0,296	0,005	0,009	0,256	FALSE
-0,104	0,309	-0,003	0,010	0,115	FALSE
0,159	0,305	0,004	0,009	0,193	FALSE
0,095	0,299	0,003	0,009	0,149	FALSE
0,082	0,293	0,002	0,007	0,120	FALSE
-0,111	0,294	-0,004	0,010	0,178	FALSE
-0,079	0,309	-0,002	0,007	0,078	FALSE
-0,007	0,297	0,000	0,008	0,020	FALSE
-0,093	0,311	-0,005	0,012	0,155	FALSE
-0,114	0,310	-0,003	0,009	0,145	FALSE
-0,188	0,282	-0,007	0,012	0,277	FALSE
0,005	0,315	0,000	0,008	0,006	FALSE
-0,018	0,306	-0,002	0,011	0,054	FALSE
0,007	0,306	0,000	0,011	0,006	FALSE
-0,127	0,311	-0,003	0,007	0,144	FALSE
-0,025	0,314	-0,001	0,008	0,023	FALSE
0,086	0,318	0,004	0,012	0,122	FALSE
-0,069	0,299	-0,003	0,013	0,096	FALSE
0,054	0,313	0,002	0,012	0,076	FALSE
0,037	0,311	0,002	0,012	0,063	FALSE
0,002	0,317	0,000	0,007	0,024	FALSE
0,056	0,301	0,001	0,009	0,056	FALSE
-0,050	0,301	-0,001	0,007	0,047	FALSE
0,011	0,301	0,001	0,010	0,037	FALSE
-0,047	0,313	-0,001	0,009	0,041	FALSE
-0,045	0,299	-0,001	0,008	0,043	FALSE
0,109	0,315	0,005	0,013	0,149	FALSE
0,093	0,307	0,004	0,013	0,125	FALSE
0,088	0,321	0,004	0,013	0,118	FALSE
-0,050	0,297	-0,002	0,007	0,083	FALSE

-0,050	0,304	-0,001	0,013	0,041	FALSE
0,052	0,307	0,001	0,006	0,092	FALSE
0,101	0,293	0,003	0,006	0,164	FALSE
-0,003	0,316	0,000	0,007	0,009	FALSE
-0,041	0,303	0,000	0,012	0,005	FALSE
-0,111	0,309	-0,002	0,007	0,136	FALSE
-0,068	0,308	-0,003	0,012	0,078	FALSE
0,040	0,304	0,001	0,010	0,044	FALSE
0,022	0,302	0,001	0,009	0,026	FALSE
-0,036	0,309	-0,001	0,007	0,045	FALSE
0,021	0,313	0,000	0,008	0,013	FALSE
-0,098	0,306	-0,004	0,012	0,147	FALSE
-0,091	0,331	-0,004	0,013	0,119	FALSE
0,123	0,304	0,004	0,009	0,200	FALSE
0,012	0,303	0,001	0,007	0,041	FALSE
-0,024	0,310	-0,001	0,009	0,029	FALSE
-0,096	0,316	-0,003	0,009	0,131	FALSE
-0,078	0,312	-0,004	0,011	0,131	FALSE
0,135	0,312	0,005	0,012	0,177	FALSE
0,188	0,311	0,008	0,013	0,282	FALSE
-0,066	0,300	-0,002	0,011	0,051	FALSE
0,043	0,313	0,002	0,012	0,064	FALSE
-0,102	0,300	-0,004	0,012	0,146	FALSE
-0,051	0,312	-0,002	0,009	0,082	FALSE
-0,106	0,316	-0,002	0,008	0,100	FALSE
-0,115	0,310	-0,003	0,008	0,133	FALSE
-0,012	0,318	0,000	0,010	0,008	FALSE
-0,103	0,285	-0,003	0,007	0,168	FALSE
0,036	0,297	0,001	0,007	0,054	FALSE
-0,071	0,314	-0,001	0,008	0,060	FALSE
0,122	0,307	0,004	0,013	0,124	FALSE
0,131	0,311	0,005	0,012	0,167	FALSE
0,089	0,315	0,003	0,012	0,095	FALSE
-0,023	0,320	-0,002	0,010	0,069	FALSE
-0,029	0,307	-0,001	0,013	0,030	FALSE
-0,017	0,307	-0,001	0,010	0,025	FALSE
-0,063	0,309	-0,002	0,011	0,073	FALSE
-0,045	0,308	-0,002	0,011	0,063	FALSE
-0,071	0,320	-0,003	0,011	0,085	FALSE
-0,006	0,314	0,000	0,010	0,013	FALSE
-0,049	0,299	-0,002	0,010	0,069	FALSE
0,178	0,284	0,006	0,010	0,295	FALSE
-0,007	0,320	0,000	0,012	0,010	FALSE
-0,007	0,318	-0,001	0,009	0,031	FALSE
0,024	0,308	0,001	0,012	0,035	FALSE
0,011	0,296	0,001	0,012	0,024	FALSE
0,008	0,290	0,001	0,011	0,035	FALSE
0,122	0,313	0,004	0,010	0,169	FALSE
-0,147	0,293	-0,004	0,008	0,193	FALSE
0,056	0,299	0,002	0,008	0,073	FALSE
0,013	0,292	0,001	0,010	0,018	FALSE
0,026	0,301	0,000	0,007	0,014	FALSE
-0,002	0,336	0,000	0,012	0,005	FALSE

-0,023	0,303	-0,001	0,012	0,018	FALSE
0,103	0,304	0,002	0,007	0,106	FALSE
-0,056	0,312	-0,003	0,012	0,080	FALSE
-0,022	0,309	0,000	0,013	0,002	FALSE
-0,019	0,308	-0,001	0,007	0,031	FALSE
-0,052	0,302	-0,002	0,007	0,086	FALSE
0,042	0,300	0,001	0,008	0,065	FALSE
-0,104	0,295	-0,002	0,006	0,116	FALSE
-0,040	0,311	-0,001	0,008	0,048	FALSE
0,112	0,308	0,003	0,006	0,170	FALSE
-0,054	0,307	-0,001	0,007	0,055	FALSE
0,056	0,293	0,002	0,007	0,090	FALSE
0,130	0,298	0,002	0,006	0,168	FALSE
0,088	0,311	0,003	0,011	0,105	FALSE
-0,039	0,306	-0,001	0,010	0,052	FALSE
-0,069	0,298	-0,002	0,008	0,077	FALSE
0,085	0,280	0,002	0,007	0,135	FALSE
0,140	0,297	0,004	0,008	0,214	FALSE
0,039	0,312	0,001	0,012	0,035	FALSE
0,001	0,323	-0,001	0,014	0,027	FALSE
0,015	0,315	0,000	0,011	0,002	FALSE
-0,046	0,311	-0,001	0,007	0,030	FALSE
-0,107	0,303	-0,004	0,009	0,173	FALSE
0,003	0,315	0,001	0,007	0,034	FALSE
-0,014	0,306	-0,001	0,010	0,046	FALSE
0,050	0,298	0,002	0,008	0,088	FALSE
0,084	0,307	0,003	0,012	0,104	FALSE
0,049	0,316	0,002	0,013	0,045	FALSE
0,110	0,315	0,003	0,007	0,165	FALSE
-0,073	0,309	-0,002	0,007	0,086	FALSE
-0,069	0,306	-0,001	0,007	0,061	FALSE
-0,055	0,305	-0,001	0,007	0,050	FALSE
-0,039	0,296	-0,001	0,007	0,050	FALSE
-0,005	0,298	0,000	0,006	0,000	FALSE
-0,064	0,300	-0,001	0,007	0,064	FALSE
-0,027	0,307	-0,001	0,011	0,039	FALSE
0,063	0,307	0,003	0,012	0,100	FALSE
0,150	0,301	0,006	0,011	0,231	FALSE
0,000	0,306	-0,001	0,009	0,020	FALSE
0,016	0,320	0,000	0,009	0,003	FALSE
-0,131	0,294	-0,003	0,008	0,177	FALSE
-0,108	0,312	-0,003	0,008	0,140	FALSE
0,017	0,301	-0,001	0,013	0,020	FALSE
0,056	0,304	0,002	0,013	0,057	FALSE
-0,014	0,291	0,000	0,006	0,009	FALSE
-0,023	0,318	-0,002	0,012	0,051	FALSE
0,003	0,307	0,000	0,009	0,018	FALSE
-0,005	0,306	0,000	0,006	0,009	FALSE
-0,029	0,315	-0,001	0,008	0,048	FALSE
0,084	0,302	0,002	0,012	0,072	FALSE
-0,053	0,319	-0,003	0,013	0,078	FALSE
-0,088	0,295	-0,002	0,008	0,093	FALSE
0,088	0,302	0,003	0,011	0,088	FALSE

0,026	0,303	0,000	0,007	0,009	FALSE
-0,005	0,285	0,001	0,007	0,028	FALSE
0,003	0,302	0,001	0,011	0,019	FALSE
0,114	0,300	0,003	0,012	0,103	FALSE
0,108	0,298	0,003	0,007	0,148	FALSE
-0,094	0,311	-0,002	0,007	0,097	FALSE
0,070	0,302	0,002	0,007	0,133	FALSE
0,115	0,308	0,005	0,012	0,167	FALSE
0,089	0,303	0,003	0,007	0,152	FALSE
-0,014	0,312	-0,001	0,008	0,034	FALSE
0,008	0,305	0,000	0,009	0,005	FALSE
0,070	0,301	0,002	0,011	0,053	FALSE
0,003	0,309	0,000	0,008	0,021	FALSE
-0,006	0,318	0,000	0,008	0,006	FALSE
0,091	0,292	0,002	0,009	0,106	FALSE
-0,100	0,313	-0,004	0,011	0,137	FALSE
0,059	0,289	0,002	0,008	0,080	FALSE
-0,140	0,306	-0,005	0,012	0,174	FALSE
0,042	0,298	0,001	0,008	0,054	FALSE
0,037	0,312	0,001	0,012	0,023	FALSE
0,058	0,310	0,002	0,011	0,063	FALSE
0,047	0,309	0,001	0,011	0,049	FALSE
0,071	0,310	0,003	0,012	0,089	FALSE
0,060	0,314	0,002	0,012	0,075	FALSE
-0,043	0,315	-0,001	0,009	0,058	FALSE
-0,139	0,292	-0,004	0,008	0,190	FALSE
-0,061	0,301	-0,002	0,012	0,065	FALSE
0,037	0,309	0,002	0,009	0,075	FALSE
0,046	0,310	0,002	0,008	0,070	FALSE
0,003	0,311	0,001	0,008	0,027	FALSE
0,029	0,303	0,000	0,011	0,001	FALSE
0,031	0,312	0,000	0,007	0,023	FALSE
0,028	0,306	0,000	0,007	0,018	FALSE
0,145	0,293	0,006	0,012	0,223	FALSE
0,052	0,315	0,001	0,013	0,037	FALSE
-0,006	0,308	0,000	0,008	0,003	FALSE
-0,015	0,308	0,000	0,009	0,015	FALSE
0,020	0,308	0,001	0,012	0,026	FALSE
0,056	0,311	0,002	0,010	0,056	FALSE
0,050	0,298	0,001	0,007	0,064	FALSE
-0,070	0,303	-0,002	0,008	0,097	FALSE
-0,126	0,310	-0,003	0,007	0,187	FALSE
0,002	0,305	0,000	0,012	0,005	FALSE
0,041	0,299	0,003	0,012	0,089	FALSE
0,007	0,307	0,002	0,011	0,050	FALSE
-0,051	0,318	-0,002	0,011	0,071	FALSE
-0,149	0,309	-0,007	0,011	0,251	FALSE
-0,150	0,296	-0,007	0,012	0,266	FALSE
0,015	0,324	0,000	0,007	0,021	FALSE
0,057	0,300	0,004	0,012	0,120	FALSE
0,002	0,298	0,001	0,012	0,025	FALSE
0,048	0,311	0,003	0,012	0,087	FALSE
-0,042	0,305	-0,002	0,012	0,069	FALSE

-0,030	0,306	-0,002	0,012	0,057	FALSE
-0,008	0,300	-0,001	0,011	0,018	FALSE
0,091	0,306	0,002	0,007	0,128	FALSE
0,159	0,297	0,007	0,011	0,278	FALSE
-0,004	0,305	0,000	0,008	0,003	FALSE
0,020	0,321	0,001	0,011	0,021	FALSE
-0,020	0,307	0,000	0,008	0,011	FALSE
-0,039	0,306	-0,001	0,007	0,031	FALSE
0,105	0,298	0,005	0,012	0,170	FALSE
0,100	0,331	0,003	0,009	0,146	FALSE
-0,055	0,307	-0,001	0,007	0,047	FALSE
-0,008	0,314	0,000	0,008	0,019	FALSE
-0,137	0,316	-0,004	0,010	0,168	FALSE
0,105	0,301	0,003	0,011	0,102	FALSE
0,035	0,317	0,001	0,006	0,030	FALSE
0,095	0,307	0,003	0,009	0,142	FALSE
0,094	0,309	0,003	0,006	0,164	FALSE
0,024	0,299	0,002	0,012	0,069	FALSE
0,110	0,288	0,003	0,011	0,107	FALSE
-0,027	0,313	-0,001	0,009	0,028	FALSE
-0,011	0,307	-0,001	0,010	0,038	FALSE
-0,040	0,311	-0,002	0,011	0,055	FALSE
0,072	0,299	0,003	0,011	0,106	FALSE
-0,038	0,292	-0,001	0,006	0,030	FALSE
0,086	0,295	0,004	0,012	0,115	FALSE
0,063	0,307	0,003	0,013	0,085	FALSE
0,095	0,305	0,004	0,013	0,134	FALSE
0,001	0,314	0,000	0,007	0,005	FALSE
-0,033	0,292	0,000	0,009	0,010	FALSE
0,093	0,313	0,004	0,013	0,115	FALSE
-0,141	0,323	-0,004	0,010	0,167	FALSE
-0,025	0,305	-0,001	0,010	0,044	FALSE
-0,097	0,297	-0,004	0,010	0,142	FALSE
0,017	0,324	0,001	0,012	0,022	FALSE
0,037	0,317	0,001	0,013	0,040	FALSE
0,128	0,310	0,004	0,010	0,184	FALSE
-0,062	0,315	-0,001	0,007	0,072	FALSE
0,078	0,302	0,003	0,012	0,093	FALSE
0,134	0,302	0,005	0,011	0,174	FALSE
0,060	0,303	0,001	0,011	0,025	FALSE
0,035	0,308	0,000	0,011	0,002	FALSE
0,026	0,300	0,001	0,009	0,028	FALSE
0,030	0,291	0,000	0,008	0,000	FALSE
0,067	0,303	0,002	0,012	0,056	FALSE
0,060	0,301	0,002	0,009	0,061	FALSE
0,046	0,295	0,000	0,013	0,010	FALSE
-0,024	0,312	-0,001	0,010	0,020	FALSE
-0,020	0,311	-0,001	0,007	0,055	FALSE
-0,006	0,317	-0,001	0,008	0,023	FALSE
-0,020	0,304	0,000	0,008	0,020	FALSE
-0,013	0,311	0,000	0,008	0,019	FALSE
-0,022	0,317	-0,001	0,011	0,034	FALSE
0,047	0,320	0,001	0,007	0,059	FALSE

-0,084	0,304	-0,005	0,013	0,163	FALSE
-0,013	0,308	0,000	0,007	0,018	FALSE
-0,047	0,313	-0,003	0,013	0,074	FALSE
0,016	0,318	0,001	0,012	0,029	FALSE
-0,001	0,289	-0,001	0,010	0,024	FALSE
0,032	0,299	0,001	0,012	0,039	FALSE
-0,002	0,315	-0,001	0,008	0,026	FALSE
0,001	0,299	-0,001	0,010	0,039	FALSE
0,043	0,300	0,001	0,008	0,061	FALSE
0,073	0,309	0,001	0,007	0,065	FALSE
-0,035	0,305	-0,001	0,012	0,038	FALSE
-0,079	0,310	-0,003	0,011	0,102	FALSE
0,005	0,308	0,001	0,007	0,028	FALSE
-0,009	0,312	0,000	0,011	0,009	FALSE
0,060	0,307	0,002	0,013	0,043	FALSE
0,061	0,302	0,002	0,009	0,070	FALSE
0,102	0,313	0,003	0,010	0,125	FALSE
0,030	0,323	0,001	0,011	0,026	FALSE
-0,071	0,324	-0,002	0,008	0,100	FALSE
0,148	0,301	0,005	0,011	0,201	FALSE
-0,055	0,306	-0,001	0,007	0,055	FALSE
-0,046	0,320	-0,002	0,011	0,052	FALSE
0,022	0,308	0,001	0,009	0,030	FALSE
-0,013	0,323	0,000	0,011	0,006	FALSE
0,026	0,319	0,001	0,007	0,046	FALSE
0,002	0,315	0,000	0,007	0,017	FALSE
-0,043	0,309	-0,002	0,013	0,052	FALSE
0,099	0,302	0,005	0,012	0,171	FALSE
-0,095	0,307	-0,005	0,013	0,156	FALSE
0,049	0,310	0,001	0,009	0,038	FALSE
0,033	0,307	0,001	0,007	0,031	FALSE
0,097	0,312	0,003	0,009	0,115	FALSE
0,002	0,304	0,000	0,010	0,009	FALSE
-0,010	0,305	0,000	0,007	0,016	FALSE
-0,010	0,316	0,000	0,009	0,009	FALSE
0,016	0,303	0,001	0,010	0,040	FALSE
-0,113	0,307	-0,003	0,009	0,146	FALSE
0,011	0,323	0,001	0,012	0,023	FALSE
0,006	0,317	0,000	0,007	0,015	FALSE
0,133	0,308	0,003	0,008	0,183	FALSE
-0,054	0,296	-0,003	0,012	0,078	FALSE
0,010	0,317	0,000	0,006	0,020	FALSE
0,091	0,309	0,003	0,013	0,102	FALSE
-0,063	0,297	-0,001	0,012	0,041	FALSE
-0,084	0,289	-0,003	0,011	0,127	FALSE
-0,063	0,308	-0,003	0,011	0,094	FALSE
-0,121	0,304	-0,006	0,013	0,193	FALSE
-0,002	0,292	0,001	0,008	0,057	FALSE
0,021	0,296	0,001	0,010	0,048	FALSE
-0,012	0,306	-0,001	0,007	0,028	FALSE
0,137	0,301	0,003	0,007	0,172	FALSE
-0,065	0,314	-0,002	0,009	0,079	FALSE
-0,074	0,309	-0,002	0,009	0,086	FALSE

-0,073	0,317	-0,002	0,010	0,074	FALSE
0,006	0,315	0,000	0,010	0,009	FALSE
-0,098	0,303	-0,003	0,010	0,141	FALSE
0,024	0,320	0,001	0,009	0,030	FALSE
-0,146	0,304	-0,004	0,010	0,163	FALSE
-0,161	0,301	-0,005	0,009	0,256	FALSE
-0,175	0,308	-0,005	0,009	0,253	FALSE
-0,161	0,305	-0,005	0,009	0,239	FALSE
-0,137	0,309	-0,006	0,013	0,201	FALSE
-0,030	0,305	-0,001	0,010	0,038	FALSE
0,050	0,307	0,002	0,010	0,059	FALSE
0,036	0,299	0,001	0,009	0,034	FALSE
0,009	0,307	-0,001	0,009	0,026	FALSE
0,029	0,313	0,000	0,013	0,012	FALSE
0,037	0,310	0,001	0,013	0,032	FALSE
0,026	0,314	0,001	0,012	0,022	FALSE
-0,054	0,314	-0,001	0,008	0,052	FALSE
0,026	0,303	0,001	0,012	0,032	FALSE
0,119	0,304	0,003	0,008	0,149	FALSE
-0,047	0,301	-0,001	0,006	0,036	FALSE
0,063	0,304	0,003	0,012	0,099	FALSE
-0,007	0,302	-0,001	0,011	0,023	FALSE
-0,050	0,296	-0,002	0,010	0,068	FALSE
0,159	0,302	0,006	0,012	0,229	FALSE
0,125	0,300	0,005	0,012	0,188	FALSE
0,142	0,313	0,005	0,013	0,177	FALSE
-0,002	0,299	0,000	0,009	0,016	FALSE
0,104	0,307	0,003	0,007	0,162	FALSE
-0,037	0,311	-0,002	0,011	0,054	FALSE
-0,029	0,307	0,000	0,009	0,013	FALSE
-0,093	0,308	-0,002	0,007	0,101	FALSE
-0,029	0,309	-0,001	0,012	0,023	FALSE
-0,134	0,301	-0,003	0,007	0,168	FALSE
-0,027	0,305	-0,002	0,013	0,044	FALSE
0,162	0,293	0,006	0,011	0,225	FALSE
0,050	0,314	0,002	0,007	0,094	FALSE
-0,066	0,303	-0,003	0,013	0,082	FALSE
0,041	0,309	0,002	0,011	0,057	FALSE
0,065	0,303	0,003	0,010	0,102	FALSE
0,095	0,318	0,003	0,011	0,102	FALSE
0,036	0,318	0,001	0,009	0,037	FALSE
0,056	0,321	0,001	0,006	0,060	FALSE
-0,061	0,305	-0,002	0,009	0,071	FALSE
-0,050	0,300	-0,001	0,006	0,064	FALSE
0,023	0,299	0,001	0,011	0,036	FALSE
-0,032	0,307	-0,001	0,007	0,055	FALSE
0,032	0,313	0,000	0,010	0,014	FALSE
0,069	0,312	0,002	0,010	0,084	FALSE
0,099	0,291	0,004	0,010	0,165	FALSE
0,031	0,326	0,001	0,010	0,035	FALSE
0,028	0,300	0,002	0,008	0,085	FALSE
0,001	0,305	-0,001	0,008	0,026	FALSE
-0,030	0,285	-0,001	0,011	0,015	FALSE

-0,133	0,310	-0,003	0,007	0,161	FALSE
0,050	0,302	0,001	0,007	0,077	FALSE
0,100	0,293	0,005	0,012	0,162	FALSE
-0,023	0,303	0,000	0,009	0,005	FALSE
-0,001	0,296	0,001	0,009	0,045	FALSE
0,027	0,309	0,001	0,009	0,022	FALSE
0,022	0,292	0,000	0,007	0,001	FALSE
0,024	0,319	0,001	0,011	0,031	FALSE
0,105	0,310	0,003	0,009	0,154	FALSE
0,119	0,313	0,004	0,009	0,167	FALSE
-0,110	0,307	-0,004	0,013	0,130	FALSE
-0,117	0,305	-0,005	0,013	0,152	FALSE
-0,076	0,288	-0,002	0,007	0,098	FALSE
0,113	0,307	0,005	0,012	0,162	FALSE
-0,055	0,318	-0,002	0,012	0,056	FALSE
-0,012	0,314	0,000	0,010	0,003	FALSE
0,135	0,311	0,004	0,010	0,173	FALSE
0,157	0,306	0,006	0,011	0,204	FALSE
0,042	0,311	0,001	0,011	0,042	FALSE
0,003	0,290	0,000	0,006	0,006	FALSE
0,112	0,300	0,004	0,011	0,153	FALSE
-0,043	0,314	-0,002	0,012	0,062	FALSE
-0,003	0,291	0,001	0,012	0,023	FALSE
-0,017	0,306	0,000	0,011	0,001	FALSE
-0,148	0,309	-0,005	0,010	0,179	FALSE
-0,151	0,304	-0,004	0,008	0,216	FALSE
-0,041	0,299	-0,001	0,007	0,033	FALSE
0,069	0,305	0,003	0,008	0,120	FALSE
-0,028	0,320	0,000	0,009	0,003	FALSE
-0,082	0,311	-0,003	0,012	0,085	FALSE
-0,074	0,305	-0,003	0,013	0,088	FALSE
0,026	0,310	0,000	0,007	0,000	FALSE
0,150	0,289	0,004	0,007	0,200	FALSE
0,058	0,320	0,002	0,013	0,055	FALSE
-0,159	0,307	-0,006	0,013	0,191	FALSE
-0,163	0,300	-0,007	0,013	0,221	FALSE
-0,179	0,290	-0,007	0,012	0,254	FALSE
0,021	0,300	0,001	0,010	0,041	FALSE
0,007	0,323	0,001	0,009	0,021	FALSE
0,034	0,300	0,001	0,007	0,048	FALSE
0,129	0,294	0,005	0,012	0,180	FALSE
-0,174	0,300	-0,004	0,007	0,210	FALSE
0,070	0,300	0,002	0,007	0,083	FALSE
0,065	0,319	0,002	0,009	0,102	FALSE
0,111	0,308	0,003	0,009	0,139	FALSE
-0,114	0,309	-0,005	0,012	0,156	FALSE
-0,082	0,315	-0,002	0,007	0,089	FALSE
0,005	0,306	0,000	0,008	0,020	FALSE
-0,117	0,306	-0,003	0,006	0,179	FALSE
0,144	0,299	0,005	0,011	0,198	FALSE
-0,056	0,314	-0,002	0,009	0,068	FALSE
-0,071	0,322	-0,002	0,008	0,076	FALSE
0,019	0,299	0,001	0,008	0,029	FALSE

-0,008	0,302	0,000	0,006	0,019	FALSE
0,259	0,290	0,007	0,008	0,441	FALSE
-0,006	0,305	-0,001	0,009	0,021	FALSE
-0,065	0,304	-0,003	0,010	0,117	FALSE
-0,018	0,308	-0,001	0,013	0,033	FALSE
-0,093	0,312	-0,005	0,012	0,169	FALSE
0,047	0,307	0,003	0,009	0,119	FALSE
-0,018	0,302	-0,001	0,009	0,022	FALSE
-0,041	0,321	-0,001	0,013	0,029	FALSE
-0,027	0,309	-0,001	0,012	0,019	FALSE
0,098	0,295	0,003	0,008	0,159	FALSE
-0,149	0,314	-0,005	0,011	0,216	FALSE
-0,136	0,302	-0,005	0,010	0,222	FALSE
-0,040	0,330	-0,001	0,009	0,039	FALSE
0,010	0,320	0,000	0,009	0,007	FALSE
0,016	0,305	0,000	0,008	0,012	FALSE
-0,012	0,309	-0,001	0,010	0,039	FALSE
0,014	0,307	0,000	0,007	0,017	FALSE
0,080	0,305	0,003	0,012	0,080	FALSE
-0,078	0,329	-0,003	0,011	0,103	FALSE
0,064	0,299	0,002	0,007	0,101	FALSE
-0,006	0,294	0,000	0,012	0,011	FALSE
0,082	0,316	0,002	0,008	0,101	FALSE
-0,055	0,312	-0,001	0,007	0,048	FALSE
-0,067	0,295	-0,002	0,007	0,091	FALSE
0,074	0,314	0,002	0,008	0,083	FALSE
-0,095	0,304	-0,003	0,009	0,121	FALSE
-0,014	0,312	-0,001	0,012	0,036	FALSE
0,040	0,312	0,001	0,006	0,035	FALSE
-0,042	0,294	-0,001	0,007	0,036	FALSE
0,058	0,312	0,001	0,006	0,083	FALSE
0,052	0,308	0,002	0,012	0,055	FALSE
0,029	0,307	0,000	0,007	0,013	FALSE
-0,020	0,319	-0,001	0,012	0,025	FALSE
0,009	0,309	0,000	0,009	0,010	FALSE
0,060	0,293	0,001	0,007	0,059	FALSE
-0,065	0,303	-0,001	0,008	0,062	FALSE
0,006	0,305	0,000	0,010	0,007	FALSE
0,077	0,316	0,002	0,007	0,121	FALSE
-0,021	0,311	0,000	0,009	0,006	FALSE
-0,103	0,312	-0,002	0,007	0,110	FALSE
0,072	0,315	0,003	0,009	0,116	FALSE
0,058	0,304	0,002	0,010	0,061	FALSE
-0,085	0,328	-0,003	0,012	0,079	FALSE
-0,061	0,300	-0,001	0,006	0,070	FALSE
0,004	0,309	0,000	0,011	0,000	FALSE
-0,074	0,289	-0,002	0,012	0,048	FALSE
0,104	0,311	0,004	0,011	0,157	FALSE
0,017	0,306	0,001	0,009	0,020	FALSE
-0,001	0,291	0,000	0,009	0,001	FALSE
-0,097	0,292	-0,004	0,010	0,160	FALSE
0,010	0,309	0,000	0,009	0,014	FALSE
0,084	0,304	0,004	0,013	0,118	FALSE

-0,051	0,306	-0,002	0,012	0,057	FALSE
-0,008	0,325	0,000	0,009	0,008	FALSE
0,056	0,314	0,002	0,008	0,077	FALSE
0,101	0,307	0,004	0,010	0,146	FALSE
0,014	0,305	0,001	0,013	0,031	FALSE
-0,044	0,309	-0,001	0,006	0,061	FALSE
-0,033	0,304	-0,001	0,007	0,034	FALSE
0,009	0,302	0,000	0,013	0,011	FALSE
0,038	0,296	0,001	0,009	0,046	FALSE
0,009	0,304	0,000	0,007	0,010	FALSE
0,006	0,298	0,001	0,011	0,022	FALSE
-0,059	0,321	-0,002	0,011	0,060	FALSE
-0,014	0,297	-0,001	0,011	0,024	FALSE
0,085	0,295	0,003	0,012	0,084	FALSE
-0,026	0,306	0,000	0,007	0,017	FALSE
0,005	0,312	0,001	0,009	0,026	FALSE
-0,078	0,307	-0,001	0,009	0,052	FALSE
-0,164	0,309	-0,005	0,009	0,240	FALSE
-0,113	0,301	-0,004	0,010	0,160	FALSE
0,030	0,312	0,001	0,007	0,056	FALSE
-0,020	0,310	-0,001	0,009	0,022	FALSE
-0,009	0,281	0,000	0,009	0,002	FALSE
-0,103	0,319	-0,003	0,010	0,124	FALSE
-0,154	0,315	-0,004	0,008	0,212	FALSE
-0,061	0,303	-0,003	0,012	0,077	FALSE
-0,071	0,314	-0,002	0,011	0,070	FALSE
-0,030	0,323	-0,001	0,011	0,031	FALSE
0,031	0,316	0,001	0,011	0,039	FALSE
-0,011	0,313	-0,001	0,011	0,024	FALSE
-0,064	0,291	-0,001	0,006	0,087	FALSE
0,053	0,304	0,001	0,008	0,031	FALSE
-0,018	0,303	-0,001	0,008	0,033	FALSE
0,007	0,289	0,001	0,011	0,034	FALSE
0,019	0,308	0,000	0,013	0,003	FALSE
0,021	0,309	0,001	0,010	0,019	FALSE
-0,031	0,321	-0,001	0,008	0,046	FALSE
-0,117	0,304	-0,003	0,007	0,157	FALSE
0,004	0,312	0,000	0,007	0,005	FALSE
-0,116	0,313	-0,003	0,009	0,148	FALSE
0,032	0,315	0,001	0,010	0,051	FALSE
0,030	0,311	0,001	0,011	0,032	FALSE
-0,051	0,309	-0,002	0,010	0,085	FALSE
-0,067	0,320	-0,001	0,009	0,057	FALSE
0,083	0,295	0,004	0,012	0,133	FALSE
-0,015	0,312	-0,001	0,012	0,039	FALSE
-0,123	0,292	-0,005	0,012	0,182	FALSE
0,098	0,319	0,003	0,009	0,103	FALSE
-0,107	0,313	-0,003	0,009	0,144	FALSE
-0,012	0,307	0,000	0,007	0,005	FALSE
-0,106	0,295	-0,004	0,010	0,151	FALSE
0,066	0,303	0,002	0,008	0,108	FALSE
-0,123	0,302	-0,004	0,010	0,172	FALSE
0,055	0,309	0,002	0,012	0,058	FALSE

0,036	0,302	0,002	0,012	0,076	FALSE
0,105	0,310	0,003	0,009	0,147	FALSE
0,116	0,294	0,002	0,006	0,161	FALSE
0,095	0,310	0,002	0,006	0,133	FALSE
0,045	0,292	0,002	0,012	0,055	FALSE
0,035	0,297	0,001	0,010	0,018	FALSE
0,025	0,299	0,000	0,011	0,002	FALSE
0,061	0,313	0,002	0,011	0,055	FALSE
-0,092	0,319	-0,003	0,011	0,123	FALSE
0,088	0,285	0,004	0,011	0,141	FALSE
0,086	0,303	0,004	0,011	0,144	FALSE
-0,017	0,322	-0,002	0,010	0,054	FALSE
-0,119	0,297	-0,002	0,007	0,132	FALSE
-0,145	0,301	-0,003	0,007	0,180	FALSE
0,097	0,318	0,003	0,008	0,127	FALSE
-0,032	0,288	-0,002	0,010	0,062	FALSE
-0,059	0,298	-0,002	0,012	0,058	FALSE
0,024	0,305	0,001	0,007	0,045	FALSE
0,127	0,315	0,004	0,009	0,174	FALSE
-0,041	0,303	-0,001	0,012	0,040	FALSE
-0,001	0,317	0,000	0,012	0,013	FALSE
-0,042	0,304	-0,001	0,006	0,047	FALSE
0,100	0,295	0,003	0,007	0,149	FALSE
-0,011	0,310	0,000	0,012	0,003	FALSE
-0,018	0,304	0,000	0,012	0,005	FALSE
-0,023	0,304	-0,001	0,012	0,019	FALSE
0,085	0,313	0,002	0,007	0,099	FALSE
-0,097	0,308	-0,003	0,012	0,107	FALSE
0,048	0,294	0,001	0,007	0,048	FALSE
0,029	0,302	0,000	0,009	0,015	FALSE
-0,002	0,315	-0,001	0,009	0,030	FALSE
0,005	0,310	0,000	0,006	0,005	FALSE
0,037	0,306	0,002	0,012	0,064	FALSE
0,139	0,301	0,005	0,010	0,200	FALSE
-0,104	0,299	-0,003	0,008	0,144	FALSE
0,055	0,297	0,002	0,007	0,082	FALSE
-0,043	0,316	-0,001	0,009	0,033	FALSE
-0,051	0,303	-0,002	0,011	0,048	FALSE
0,027	0,321	0,001	0,010	0,043	FALSE
0,025	0,315	0,001	0,006	0,045	FALSE
0,037	0,306	0,001	0,006	0,061	FALSE
-0,145	0,298	-0,006	0,013	0,195	FALSE
0,108	0,300	0,003	0,011	0,119	FALSE
-0,089	0,307	-0,002	0,007	0,124	FALSE
-0,091	0,312	-0,002	0,007	0,119	FALSE
-0,124	0,307	-0,004	0,010	0,164	FALSE
-0,032	0,317	-0,002	0,011	0,069	FALSE
0,069	0,295	0,002	0,012	0,064	FALSE
0,071	0,311	0,002	0,013	0,057	FALSE
-0,005	0,294	-0,001	0,008	0,057	FALSE
0,144	0,304	0,007	0,011	0,261	FALSE
0,109	0,308	0,005	0,012	0,157	FALSE
-0,003	0,307	0,000	0,011	0,004	FALSE

0,050	0,316	0,002	0,007	0,085	FALSE
0,083	0,311	0,002	0,009	0,075	FALSE
0,006	0,315	0,000	0,012	0,009	FALSE
-0,064	0,310	-0,001	0,006	0,065	FALSE
-0,039	0,311	-0,001	0,013	0,035	FALSE
-0,027	0,304	-0,001	0,013	0,040	FALSE
-0,057	0,315	-0,002	0,009	0,063	FALSE
0,036	0,295	0,001	0,010	0,047	FALSE
-0,039	0,305	0,000	0,007	0,015	FALSE
-0,142	0,299	-0,004	0,008	0,195	FALSE
0,057	0,305	0,002	0,013	0,058	FALSE
-0,066	0,313	-0,003	0,013	0,093	FALSE
-0,076	0,309	-0,003	0,012	0,103	FALSE
-0,044	0,321	-0,002	0,013	0,049	FALSE
-0,065	0,324	-0,002	0,011	0,081	FALSE
-0,036	0,304	-0,001	0,007	0,049	FALSE
-0,071	0,300	-0,002	0,009	0,112	FALSE
0,165	0,313	0,007	0,013	0,229	FALSE
0,041	0,304	0,001	0,006	0,035	FALSE
0,030	0,312	0,001	0,006	0,048	FALSE
0,083	0,300	0,003	0,012	0,090	FALSE
0,091	0,295	0,002	0,008	0,109	FALSE
0,008	0,310	0,001	0,008	0,035	FALSE
0,084	0,303	0,002	0,007	0,122	FALSE
-0,027	0,320	-0,001	0,013	0,030	FALSE
-0,158	0,306	-0,003	0,007	0,205	FALSE
-0,015	0,309	0,000	0,007	0,019	FALSE
-0,061	0,312	-0,002	0,012	0,072	FALSE
0,100	0,302	0,004	0,012	0,120	FALSE
-0,051	0,307	-0,002	0,010	0,063	FALSE
-0,032	0,308	-0,001	0,012	0,029	FALSE
-0,038	0,311	-0,001	0,012	0,037	FALSE
-0,029	0,325	-0,001	0,009	0,022	FALSE
-0,044	0,313	-0,001	0,008	0,033	FALSE
0,003	0,303	0,000	0,009	0,012	FALSE
0,007	0,313	0,000	0,009	0,003	FALSE
-0,060	0,316	-0,002	0,008	0,097	FALSE
0,056	0,303	0,003	0,012	0,084	FALSE
-0,084	0,296	-0,003	0,011	0,091	FALSE
-0,081	0,302	-0,003	0,009	0,134	FALSE
0,075	0,304	0,003	0,013	0,087	FALSE
0,043	0,300	0,001	0,006	0,072	FALSE
-0,004	0,297	0,000	0,010	0,002	FALSE
0,155	0,309	0,003	0,006	0,192	FALSE
0,132	0,313	0,005	0,012	0,177	FALSE
-0,115	0,308	-0,004	0,009	0,176	FALSE
0,028	0,317	0,001	0,007	0,046	FALSE
0,029	0,315	0,002	0,011	0,060	FALSE
0,139	0,294	0,003	0,007	0,195	FALSE
0,015	0,309	0,000	0,006	0,008	FALSE
-0,030	0,299	-0,001	0,010	0,048	FALSE
0,092	0,305	0,005	0,013	0,154	FALSE
0,169	0,303	0,005	0,009	0,216	FALSE

-0,071	0,307	-0,001	0,008	0,061	FALSE
0,003	0,317	0,000	0,010	0,001	FALSE
-0,107	0,319	-0,002	0,007	0,126	FALSE
-0,036	0,294	-0,001	0,012	0,034	FALSE
0,004	0,313	0,000	0,011	0,009	FALSE
-0,123	0,324	-0,004	0,010	0,166	FALSE
0,054	0,316	0,002	0,010	0,071	FALSE
0,091	0,304	0,002	0,009	0,106	FALSE
0,119	0,305	0,005	0,012	0,184	FALSE
-0,075	0,308	-0,002	0,007	0,102	FALSE
0,093	0,295	0,002	0,009	0,090	FALSE
-0,148	0,306	-0,003	0,007	0,207	FALSE
0,012	0,310	0,001	0,008	0,029	FALSE
0,034	0,311	0,001	0,013	0,024	FALSE
-0,025	0,308	0,000	0,006	0,005	FALSE
-0,062	0,314	-0,002	0,010	0,085	FALSE
-0,045	0,294	-0,002	0,009	0,064	FALSE
-0,055	0,306	-0,002	0,009	0,084	FALSE
-0,021	0,309	-0,001	0,008	0,037	FALSE
0,030	0,311	0,001	0,013	0,034	FALSE
0,024	0,314	0,001	0,013	0,039	FALSE
0,007	0,307	0,001	0,007	0,042	FALSE
-0,137	0,308	-0,006	0,012	0,217	FALSE
-0,196	0,299	-0,005	0,008	0,299	FALSE
-0,051	0,317	-0,002	0,013	0,049	FALSE
-0,072	0,305	-0,003	0,012	0,079	FALSE
0,026	0,314	0,001	0,012	0,017	FALSE
-0,027	0,303	-0,001	0,011	0,050	FALSE
0,129	0,304	0,005	0,011	0,178	FALSE
-0,046	0,299	-0,002	0,013	0,044	FALSE
-0,035	0,320	-0,002	0,013	0,044	FALSE
-0,094	0,294	-0,004	0,012	0,118	FALSE
-0,006	0,299	-0,001	0,010	0,020	FALSE
0,038	0,310	0,001	0,009	0,045	FALSE
0,251	0,299	0,006	0,007	0,381	FALSE
-0,122	0,284	-0,005	0,012	0,159	FALSE
-0,077	0,306	-0,003	0,012	0,078	FALSE
-0,095	0,291	-0,004	0,011	0,141	FALSE
-0,032	0,317	-0,001	0,008	0,043	FALSE
-0,182	0,317	-0,005	0,009	0,235	FALSE
-0,021	0,327	0,000	0,007	0,023	FALSE
0,038	0,311	0,001	0,007	0,063	FALSE
0,008	0,319	0,000	0,011	0,001	FALSE
0,035	0,295	0,000	0,011	0,013	FALSE
0,035	0,306	0,000	0,012	0,011	FALSE
-0,006	0,314	-0,001	0,010	0,034	FALSE
0,035	0,304	0,001	0,013	0,038	FALSE
0,005	0,290	0,001	0,009	0,033	FALSE
0,037	0,306	0,001	0,012	0,027	FALSE
-0,007	0,312	-0,001	0,012	0,025	FALSE
-0,112	0,310	-0,003	0,008	0,140	FALSE
-0,133	0,307	-0,004	0,009	0,173	FALSE
-0,099	0,312	-0,002	0,006	0,125	FALSE

0,041	0,303	0,001	0,007	0,050	FALSE
0,045	0,302	0,002	0,009	0,093	FALSE
0,087	0,317	0,003	0,012	0,088	FALSE
0,100	0,305	0,002	0,007	0,121	FALSE
-0,034	0,319	-0,001	0,009	0,044	FALSE
0,216	0,287	0,009	0,012	0,335	FALSE
0,239	0,285	0,010	0,012	0,384	FALSE
-0,085	0,305	-0,002	0,008	0,079	FALSE
-0,046	0,311	-0,001	0,010	0,051	FALSE
-0,032	0,302	-0,001	0,010	0,037	FALSE
-0,049	0,306	-0,003	0,013	0,077	FALSE
-0,028	0,313	-0,002	0,013	0,059	FALSE
-0,038	0,314	-0,001	0,010	0,039	FALSE
0,027	0,300	0,001	0,007	0,069	FALSE
0,162	0,301	0,003	0,007	0,211	FALSE
0,112	0,298	0,004	0,013	0,139	FALSE
-0,119	0,319	-0,002	0,007	0,133	FALSE
0,042	0,273	0,001	0,006	0,047	FALSE
0,032	0,315	0,001	0,010	0,038	FALSE
0,166	0,288	0,004	0,008	0,215	FALSE
0,058	0,293	0,001	0,007	0,064	FALSE
-0,041	0,306	-0,001	0,006	0,039	FALSE
0,045	0,301	0,001	0,008	0,064	FALSE
-0,044	0,331	-0,002	0,012	0,052	FALSE
0,042	0,304	0,001	0,010	0,055	FALSE
-0,047	0,316	-0,001	0,012	0,034	FALSE
0,033	0,299	0,001	0,011	0,036	FALSE
-0,009	0,310	0,000	0,010	0,006	FALSE
-0,035	0,312	-0,002	0,011	0,053	FALSE
0,093	0,286	0,004	0,013	0,130	FALSE
0,138	0,297	0,004	0,009	0,199	FALSE
-0,002	0,307	0,000	0,007	0,019	FALSE
-0,041	0,307	-0,002	0,008	0,085	FALSE
0,049	0,313	0,001	0,013	0,029	FALSE
-0,094	0,319	-0,002	0,008	0,114	FALSE
0,032	0,297	0,001	0,012	0,015	FALSE
-0,064	0,301	-0,002	0,009	0,075	FALSE
-0,038	0,307	0,000	0,008	0,010	FALSE
0,076	0,315	0,003	0,011	0,087	FALSE
-0,045	0,309	-0,001	0,009	0,037	FALSE
0,052	0,304	0,002	0,010	0,085	FALSE
0,025	0,304	0,002	0,011	0,049	FALSE
0,096	0,303	0,003	0,008	0,165	FALSE
0,026	0,303	0,001	0,012	0,020	FALSE
0,001	0,295	-0,001	0,012	0,026	FALSE
-0,041	0,319	-0,001	0,010	0,050	FALSE
-0,065	0,300	-0,001	0,007	0,048	FALSE
-0,088	0,316	-0,002	0,007	0,088	FALSE
0,129	0,308	0,004	0,009	0,171	FALSE
-0,026	0,305	0,000	0,007	0,015	FALSE
-0,048	0,305	-0,001	0,006	0,052	FALSE
-0,151	0,314	-0,003	0,007	0,184	FALSE
0,053	0,317	0,002	0,013	0,073	FALSE

0,045	0,305	0,002	0,009	0,069	FALSE
0,063	0,315	0,002	0,009	0,083	FALSE
0,039	0,316	0,001	0,008	0,059	FALSE
-0,069	0,302	-0,002	0,008	0,106	FALSE
-0,030	0,304	-0,001	0,008	0,022	FALSE
-0,048	0,320	-0,001	0,013	0,039	FALSE
-0,025	0,322	-0,001	0,008	0,037	FALSE
-0,008	0,324	-0,001	0,012	0,022	FALSE
-0,058	0,310	-0,002	0,011	0,071	FALSE
0,028	0,306	0,001	0,012	0,031	FALSE
0,012	0,310	0,000	0,013	0,001	FALSE
0,049	0,305	0,001	0,011	0,041	FALSE
0,023	0,317	0,001	0,007	0,035	FALSE
-0,016	0,310	-0,001	0,013	0,018	FALSE
-0,070	0,304	-0,002	0,009	0,078	FALSE
-0,077	0,325	-0,003	0,010	0,107	FALSE
-0,088	0,317	-0,002	0,008	0,119	FALSE
-0,074	0,301	-0,003	0,009	0,115	FALSE
0,057	0,321	0,003	0,013	0,095	FALSE
-0,016	0,301	0,000	0,007	0,021	FALSE
0,021	0,302	0,001	0,008	0,059	FALSE
0,027	0,317	0,001	0,007	0,036	FALSE
-0,135	0,299	-0,004	0,009	0,189	FALSE
-0,116	0,306	-0,004	0,011	0,143	FALSE
-0,138	0,304	-0,006	0,013	0,187	FALSE
-0,038	0,309	0,000	0,007	0,022	FALSE
0,036	0,310	0,001	0,012	0,044	FALSE
-0,044	0,299	-0,002	0,013	0,072	FALSE
0,103	0,298	0,004	0,011	0,152	FALSE
0,103	0,315	0,003	0,012	0,094	FALSE
0,056	0,318	0,001	0,007	0,062	FALSE
0,002	0,316	0,000	0,007	0,010	FALSE
0,023	0,309	0,002	0,012	0,056	FALSE
0,052	0,299	0,001	0,007	0,074	FALSE
-0,091	0,322	-0,002	0,007	0,106	FALSE
0,054	0,305	0,001	0,009	0,044	FALSE
0,020	0,299	0,000	0,009	0,004	FALSE
0,019	0,306	0,000	0,008	0,003	FALSE
0,001	0,311	0,000	0,008	0,012	FALSE
0,007	0,314	0,000	0,008	0,007	FALSE
-0,017	0,312	-0,001	0,011	0,039	FALSE
-0,020	0,303	-0,001	0,010	0,042	FALSE
0,014	0,324	0,000	0,011	0,003	FALSE
0,022	0,310	0,001	0,011	0,043	FALSE
-0,044	0,304	0,000	0,007	0,012	FALSE
-0,058	0,312	-0,001	0,006	0,049	FALSE
0,076	0,310	0,003	0,010	0,100	FALSE
-0,072	0,315	-0,002	0,009	0,083	FALSE
-0,019	0,299	0,000	0,007	0,000	FALSE
0,067	0,305	0,002	0,011	0,070	FALSE
-0,023	0,326	-0,001	0,012	0,027	FALSE
-0,101	0,306	-0,003	0,008	0,150	FALSE
0,002	0,316	-0,001	0,013	0,023	FALSE

-0,096	0,309	-0,002	0,007	0,104	FALSE
0,048	0,302	0,002	0,011	0,086	FALSE
0,006	0,287	0,000	0,008	0,004	FALSE
-0,026	0,301	0,000	0,007	0,017	FALSE
-0,005	0,305	0,000	0,011	0,016	FALSE
0,010	0,324	0,000	0,009	0,011	FALSE
0,037	0,312	0,001	0,010	0,038	FALSE
-0,110	0,328	-0,003	0,008	0,134	FALSE
0,069	0,320	0,003	0,013	0,078	FALSE
-0,043	0,304	-0,002	0,013	0,044	FALSE
-0,051	0,309	-0,002	0,008	0,078	FALSE
-0,119	0,308	-0,002	0,006	0,151	FALSE
0,015	0,306	0,000	0,007	0,015	FALSE
-0,104	0,295	-0,005	0,012	0,173	FALSE
-0,002	0,307	0,001	0,011	0,016	FALSE
-0,151	0,311	-0,004	0,007	0,228	FALSE
-0,023	0,305	0,000	0,007	0,010	FALSE
0,117	0,305	0,004	0,012	0,137	FALSE
-0,026	0,299	-0,001	0,009	0,043	FALSE
0,069	0,302	0,002	0,007	0,092	FALSE
-0,052	0,305	-0,001	0,008	0,066	FALSE
-0,035	0,305	0,000	0,008	0,021	FALSE
0,133	0,303	0,003	0,007	0,185	FALSE
-0,015	0,315	0,000	0,008	0,002	FALSE
-0,087	0,304	-0,002	0,006	0,094	FALSE
-0,089	0,299	-0,002	0,006	0,097	FALSE
-0,001	0,313	0,000	0,009	0,012	FALSE
0,114	0,290	0,003	0,008	0,135	FALSE
0,003	0,318	0,001	0,008	0,028	FALSE
-0,066	0,304	-0,002	0,010	0,075	FALSE
-0,011	0,307	0,000	0,010	0,011	FALSE
0,155	0,298	0,006	0,011	0,258	FALSE
0,009	0,308	0,000	0,013	0,004	FALSE
-0,033	0,308	0,000	0,007	0,016	FALSE
-0,102	0,305	-0,004	0,011	0,136	FALSE
-0,031	0,310	-0,001	0,009	0,057	FALSE
-0,014	0,307	-0,001	0,009	0,045	FALSE
-0,001	0,312	0,000	0,012	0,006	FALSE
-0,024	0,304	-0,001	0,008	0,046	FALSE
-0,106	0,323	-0,003	0,010	0,127	FALSE
0,051	0,313	0,002	0,013	0,063	FALSE
0,016	0,297	0,001	0,007	0,050	FALSE
-0,010	0,318	0,000	0,008	0,016	FALSE
-0,005	0,307	0,000	0,011	0,009	FALSE
-0,010	0,324	0,000	0,009	0,007	FALSE
-0,024	0,302	-0,001	0,007	0,027	FALSE
-0,029	0,306	-0,001	0,008	0,049	FALSE
0,103	0,306	0,003	0,008	0,154	FALSE
-0,101	0,296	-0,004	0,012	0,127	FALSE
0,034	0,310	0,001	0,008	0,061	FALSE
-0,042	0,308	-0,001	0,011	0,034	FALSE
-0,014	0,311	0,000	0,011	0,008	FALSE
0,064	0,298	0,003	0,009	0,111	FALSE

-0,092	0,304	-0,003	0,009	0,104	FALSE
-0,069	0,299	-0,002	0,009	0,083	FALSE
0,062	0,303	0,002	0,009	0,084	FALSE
0,009	0,292	0,001	0,008	0,031	FALSE
-0,004	0,304	0,000	0,007	0,003	FALSE
0,049	0,312	0,003	0,011	0,104	FALSE
-0,018	0,277	0,000	0,008	0,005	FALSE
0,050	0,285	0,002	0,009	0,070	FALSE
0,079	0,312	0,003	0,010	0,118	FALSE
0,047	0,300	0,002	0,006	0,103	FALSE
-0,028	0,311	-0,001	0,008	0,026	FALSE
0,042	0,308	0,001	0,007	0,041	FALSE
0,014	0,322	0,001	0,007	0,038	FALSE
-0,081	0,300	-0,004	0,013	0,110	FALSE
-0,144	0,297	-0,005	0,010	0,192	FALSE
0,014	0,317	0,000	0,010	0,001	FALSE
0,045	0,314	0,001	0,008	0,057	FALSE
0,007	0,321	0,000	0,008	0,006	FALSE
0,050	0,304	0,002	0,009	0,094	FALSE
0,144	0,327	0,005	0,011	0,167	FALSE
0,126	0,315	0,004	0,011	0,151	FALSE
0,022	0,305	0,000	0,007	0,006	FALSE
0,111	0,300	0,005	0,013	0,161	FALSE
0,053	0,314	0,002	0,008	0,094	FALSE
-0,051	0,309	-0,002	0,013	0,046	FALSE
-0,023	0,294	-0,001	0,009	0,020	FALSE
-0,005	0,314	0,000	0,007	0,010	FALSE
-0,075	0,308	-0,004	0,012	0,127	FALSE
-0,077	0,308	-0,002	0,007	0,110	FALSE
0,022	0,309	0,000	0,008	0,012	FALSE
0,076	0,306	0,002	0,006	0,121	FALSE
0,124	0,299	0,005	0,010	0,199	FALSE
0,216	0,286	0,008	0,012	0,314	FALSE
-0,131	0,303	-0,006	0,012	0,189	FALSE
-0,119	0,308	-0,005	0,013	0,161	FALSE
0,110	0,318	0,005	0,013	0,146	FALSE
-0,169	0,289	-0,005	0,008	0,260	FALSE
0,018	0,304	0,000	0,007	0,004	FALSE
0,119	0,299	0,002	0,007	0,134	FALSE
0,106	0,305	0,003	0,009	0,150	FALSE
-0,060	0,315	-0,002	0,013	0,051	FALSE
0,043	0,296	0,002	0,012	0,056	FALSE
0,166	0,299	0,005	0,008	0,233	FALSE
0,057	0,324	0,001	0,010	0,055	FALSE
-0,102	0,307	-0,005	0,012	0,164	FALSE
-0,090	0,300	-0,002	0,010	0,095	FALSE
0,066	0,313	0,002	0,007	0,107	FALSE
-0,083	0,309	-0,002	0,009	0,083	FALSE
-0,097	0,303	-0,002	0,009	0,094	FALSE
-0,041	0,304	-0,001	0,013	0,035	FALSE
-0,099	0,316	-0,002	0,008	0,078	FALSE
0,139	0,311	0,004	0,009	0,213	FALSE
0,179	0,314	0,007	0,012	0,252	FALSE

0,171	0,304	0,007	0,012	0,239	FALSE
0,084	0,316	0,002	0,013	0,060	FALSE
-0,040	0,307	-0,001	0,013	0,040	FALSE
0,037	0,311	0,001	0,007	0,035	FALSE
-0,064	0,316	-0,002	0,011	0,077	FALSE
0,022	0,296	0,001	0,007	0,032	FALSE
-0,050	0,308	-0,002	0,012	0,065	FALSE
-0,093	0,305	-0,003	0,010	0,135	FALSE
-0,086	0,298	-0,004	0,012	0,136	FALSE
0,007	0,305	0,000	0,009	0,010	FALSE
0,009	0,301	0,000	0,008	0,016	FALSE
-0,093	0,309	-0,004	0,013	0,130	FALSE
-0,031	0,292	0,000	0,006	0,026	FALSE
0,054	0,296	0,001	0,008	0,070	FALSE
0,027	0,309	0,000	0,006	0,023	FALSE
0,163	0,302	0,006	0,012	0,229	FALSE
0,123	0,316	0,004	0,013	0,122	FALSE
-0,027	0,321	-0,001	0,009	0,058	FALSE
0,016	0,303	0,000	0,010	0,004	FALSE
0,030	0,308	0,000	0,009	0,004	FALSE
-0,064	0,307	-0,002	0,009	0,076	FALSE
0,133	0,295	0,003	0,010	0,139	FALSE
-0,065	0,306	-0,003	0,013	0,077	FALSE
0,004	0,312	0,000	0,009	0,013	FALSE
0,014	0,308	0,000	0,007	0,007	FALSE
-0,018	0,305	-0,002	0,011	0,050	FALSE
-0,036	0,326	-0,002	0,013	0,059	FALSE
0,017	0,306	0,000	0,012	0,002	FALSE
0,115	0,299	0,002	0,007	0,136	FALSE
-0,022	0,319	0,000	0,009	0,005	FALSE
0,159	0,294	0,005	0,009	0,207	FALSE
0,066	0,323	0,003	0,013	0,087	FALSE
0,087	0,315	0,003	0,010	0,116	FALSE
0,024	0,307	0,001	0,009	0,024	FALSE
-0,123	0,306	-0,003	0,007	0,162	FALSE
0,002	0,300	0,000	0,006	0,020	FALSE
-0,073	0,318	-0,003	0,012	0,098	FALSE
0,037	0,298	0,002	0,013	0,060	FALSE
-0,037	0,301	-0,001	0,012	0,033	FALSE
-0,098	0,297	-0,004	0,010	0,160	FALSE
0,029	0,320	0,001	0,008	0,044	FALSE
-0,019	0,312	-0,001	0,007	0,034	FALSE
-0,005	0,304	0,000	0,008	0,012	FALSE
0,081	0,305	0,002	0,012	0,046	FALSE
-0,033	0,316	-0,001	0,007	0,061	FALSE
-0,124	0,314	-0,003	0,007	0,157	FALSE
-0,006	0,307	-0,001	0,007	0,028	FALSE
0,039	0,312	0,001	0,007	0,044	FALSE
-0,026	0,319	-0,001	0,007	0,050	FALSE
-0,035	0,319	-0,001	0,007	0,057	FALSE
0,052	0,316	0,002	0,012	0,064	FALSE
0,048	0,289	0,001	0,007	0,068	FALSE
0,009	0,316	0,001	0,007	0,035	FALSE

0,074	0,292	0,001	0,011	0,052	FALSE
-0,027	0,306	-0,001	0,012	0,023	FALSE
-0,061	0,287	-0,002	0,006	0,104	FALSE
-0,073	0,319	-0,003	0,013	0,080	FALSE
-0,060	0,305	-0,003	0,009	0,113	FALSE
-0,030	0,303	-0,001	0,009	0,042	FALSE
0,235	0,300	0,005	0,007	0,374	FALSE
-0,085	0,314	-0,004	0,013	0,104	FALSE
0,091	0,326	0,004	0,013	0,117	FALSE
-0,091	0,311	-0,003	0,013	0,099	FALSE
-0,049	0,319	-0,002	0,011	0,061	FALSE
-0,085	0,316	-0,002	0,011	0,079	FALSE
0,045	0,312	0,001	0,007	0,048	FALSE
0,017	0,304	0,001	0,010	0,045	FALSE
0,007	0,309	0,001	0,009	0,027	FALSE
-0,071	0,307	-0,002	0,011	0,084	FALSE
-0,019	0,305	-0,001	0,009	0,031	FALSE
0,005	0,314	0,000	0,009	0,005	FALSE
0,044	0,315	0,001	0,009	0,044	FALSE
0,147	0,293	0,005	0,010	0,212	FALSE
-0,015	0,301	-0,001	0,010	0,030	FALSE
-0,006	0,309	0,000	0,008	0,012	FALSE
-0,150	0,307	-0,006	0,012	0,219	FALSE
-0,038	0,294	-0,001	0,009	0,062	FALSE
-0,020	0,289	0,000	0,006	0,009	FALSE
0,130	0,297	0,003	0,006	0,193	FALSE
-0,038	0,310	-0,001	0,010	0,045	FALSE
-0,048	0,308	-0,001	0,011	0,042	FALSE
0,011	0,300	0,000	0,012	0,000	FALSE
-0,053	0,308	-0,001	0,007	0,051	FALSE
-0,012	0,305	-0,001	0,007	0,031	FALSE
-0,041	0,311	-0,001	0,008	0,047	FALSE
0,088	0,300	0,002	0,008	0,117	FALSE
0,118	0,301	0,004	0,011	0,142	FALSE
-0,014	0,308	0,000	0,012	0,004	FALSE
-0,135	0,317	-0,003	0,007	0,191	FALSE
-0,085	0,306	-0,003	0,010	0,129	FALSE
0,002	0,281	0,000	0,012	0,011	FALSE
-0,034	0,308	-0,001	0,010	0,028	FALSE
-0,060	0,309	-0,001	0,007	0,053	FALSE
-0,016	0,295	0,000	0,010	0,009	FALSE
-0,058	0,326	-0,002	0,013	0,050	FALSE
-0,018	0,306	-0,001	0,012	0,028	FALSE
-0,076	0,300	-0,002	0,007	0,101	FALSE
-0,031	0,299	-0,001	0,012	0,043	FALSE
-0,017	0,313	-0,001	0,013	0,031	FALSE
0,023	0,296	0,000	0,010	0,016	FALSE
0,003	0,303	0,001	0,009	0,039	FALSE
-0,007	0,311	-0,001	0,013	0,022	FALSE
-0,053	0,322	-0,001	0,008	0,069	FALSE
-0,115	0,304	-0,004	0,011	0,129	FALSE
-0,032	0,318	-0,001	0,009	0,028	FALSE
-0,088	0,307	-0,002	0,007	0,108	FALSE

-0,005	0,307	0,000	0,009	0,007	FALSE
0,001	0,299	-0,001	0,011	0,023	FALSE
0,008	0,310	0,000	0,009	0,004	FALSE
-0,009	0,331	0,000	0,014	0,007	FALSE
0,012	0,323	0,000	0,007	0,019	FALSE
-0,035	0,306	-0,001	0,006	0,070	FALSE
0,039	0,317	0,001	0,008	0,046	FALSE
-0,024	0,300	0,000	0,008	0,015	FALSE
0,156	0,323	0,006	0,013	0,193	FALSE
-0,039	0,314	-0,002	0,013	0,063	FALSE
0,083	0,311	0,002	0,007	0,081	FALSE
0,143	0,308	0,007	0,013	0,233	FALSE
0,202	0,292	0,008	0,012	0,280	FALSE
0,081	0,316	0,002	0,009	0,073	FALSE
-0,031	0,306	-0,001	0,007	0,028	FALSE
0,091	0,314	0,004	0,013	0,120	FALSE
-0,059	0,309	-0,003	0,013	0,084	FALSE
0,045	0,306	0,001	0,008	0,045	FALSE
0,025	0,307	0,002	0,009	0,064	FALSE
0,056	0,310	0,002	0,012	0,056	FALSE
0,085	0,294	0,003	0,011	0,125	FALSE
0,017	0,320	0,000	0,009	0,010	FALSE
0,027	0,318	0,001	0,013	0,025	FALSE
0,060	0,314	0,003	0,012	0,089	FALSE
-0,002	0,299	0,000	0,006	0,007	FALSE
0,095	0,315	0,003	0,010	0,126	FALSE
-0,037	0,308	-0,001	0,009	0,060	FALSE
-0,019	0,307	-0,001	0,008	0,031	FALSE
-0,046	0,313	-0,001	0,008	0,047	FALSE
-0,043	0,324	-0,001	0,007	0,062	FALSE
-0,017	0,310	-0,001	0,008	0,024	FALSE
0,008	0,307	0,001	0,008	0,027	FALSE
-0,045	0,304	-0,001	0,006	0,044	FALSE
-0,061	0,296	-0,002	0,006	0,091	FALSE
-0,083	0,322	-0,004	0,014	0,102	FALSE
0,138	0,293	0,003	0,007	0,190	FALSE
0,143	0,297	0,004	0,010	0,178	FALSE
0,011	0,316	0,001	0,011	0,024	FALSE
0,028	0,315	0,001	0,010	0,028	FALSE
-0,030	0,306	-0,001	0,011	0,042	FALSE
-0,022	0,304	-0,001	0,008	0,041	FALSE
-0,026	0,290	-0,002	0,012	0,074	FALSE
-0,013	0,304	0,000	0,011	0,015	FALSE
0,153	0,313	0,004	0,008	0,199	FALSE
0,121	0,297	0,004	0,009	0,151	FALSE
0,106	0,307	0,003	0,010	0,123	FALSE
0,142	0,303	0,005	0,011	0,186	FALSE
0,017	0,305	0,001	0,008	0,041	FALSE
0,014	0,313	0,001	0,013	0,039	FALSE
-0,091	0,300	-0,002	0,007	0,093	FALSE
-0,090	0,306	-0,002	0,008	0,115	FALSE
0,125	0,311	0,004	0,011	0,124	FALSE
-0,100	0,322	-0,003	0,010	0,129	FALSE

0,044	0,315	0,001	0,008	0,024	FALSE
-0,100	0,304	-0,003	0,007	0,146	FALSE
0,162	0,301	0,006	0,010	0,250	FALSE
0,036	0,308	0,002	0,013	0,063	FALSE
0,062	0,302	0,001	0,008	0,062	FALSE
-0,057	0,310	-0,002	0,013	0,064	FALSE
0,086	0,302	0,003	0,011	0,111	FALSE
-0,031	0,309	0,000	0,007	0,023	FALSE
0,092	0,317	0,002	0,008	0,110	FALSE
-0,104	0,299	-0,004	0,010	0,156	FALSE
-0,133	0,294	-0,005	0,010	0,210	FALSE
-0,020	0,301	-0,001	0,008	0,039	FALSE
0,027	0,314	0,000	0,008	0,014	FALSE
0,033	0,312	0,002	0,012	0,065	FALSE
0,018	0,306	0,000	0,007	0,022	FALSE
-0,051	0,311	-0,001	0,008	0,057	FALSE
-0,033	0,314	0,000	0,007	0,020	FALSE
0,115	0,297	0,003	0,007	0,174	FALSE
0,024	0,306	0,000	0,009	0,011	FALSE
0,165	0,305	0,004	0,008	0,217	FALSE
-0,183	0,302	-0,006	0,011	0,229	FALSE
0,001	0,315	0,000	0,007	0,012	FALSE
-0,005	0,300	0,001	0,007	0,026	FALSE
-0,075	0,320	-0,003	0,014	0,092	FALSE
0,073	0,307	0,002	0,009	0,099	FALSE
-0,055	0,301	-0,002	0,012	0,069	FALSE
0,051	0,309	0,003	0,012	0,079	FALSE
0,007	0,305	0,000	0,008	0,001	FALSE
-0,016	0,301	0,000	0,011	0,007	FALSE
-0,006	0,302	0,000	0,007	0,002	FALSE
0,115	0,314	0,003	0,008	0,170	FALSE
-0,057	0,310	-0,002	0,010	0,067	FALSE
-0,051	0,311	-0,002	0,008	0,076	FALSE
0,182	0,304	0,004	0,008	0,216	FALSE
-0,093	0,317	-0,004	0,013	0,106	FALSE
-0,108	0,314	-0,004	0,012	0,143	FALSE
0,006	0,306	0,000	0,010	0,013	FALSE
-0,061	0,308	-0,001	0,009	0,036	FALSE
-0,067	0,305	-0,002	0,011	0,074	FALSE
0,061	0,298	0,003	0,013	0,085	FALSE
0,066	0,303	0,003	0,011	0,116	FALSE
-0,005	0,322	0,000	0,009	0,001	FALSE
0,133	0,300	0,004	0,010	0,158	FALSE
-0,030	0,316	0,000	0,010	0,018	FALSE
-0,024	0,319	-0,001	0,010	0,023	FALSE
-0,039	0,295	-0,001	0,009	0,033	FALSE
-0,071	0,303	-0,001	0,009	0,064	FALSE
-0,004	0,325	0,000	0,011	0,005	FALSE
0,001	0,310	0,001	0,012	0,036	FALSE
-0,036	0,299	0,000	0,013	0,010	FALSE
0,156	0,304	0,003	0,006	0,230	FALSE
-0,023	0,309	0,000	0,007	0,005	FALSE
0,032	0,294	0,001	0,013	0,017	FALSE

0,002	0,302	0,000	0,013	0,008	FALSE
0,001	0,302	0,000	0,013	0,007	FALSE
-0,063	0,306	-0,002	0,011	0,061	FALSE
0,000	0,303	0,000	0,010	0,002	FALSE
0,070	0,300	0,002	0,007	0,088	FALSE
0,044	0,312	0,000	0,008	0,006	FALSE
0,014	0,307	0,000	0,011	0,011	FALSE
-0,025	0,312	0,000	0,006	0,015	FALSE
0,104	0,317	0,003	0,007	0,140	FALSE
-0,015	0,299	0,000	0,013	0,012	FALSE
-0,091	0,299	-0,004	0,012	0,122	FALSE
-0,137	0,293	-0,004	0,009	0,204	FALSE
-0,101	0,304	-0,002	0,008	0,123	FALSE
0,013	0,307	0,001	0,013	0,021	FALSE
-0,051	0,299	-0,001	0,007	0,065	FALSE
-0,029	0,291	-0,001	0,011	0,030	FALSE
-0,063	0,285	-0,003	0,013	0,091	FALSE
0,134	0,320	0,004	0,008	0,184	FALSE
0,026	0,290	0,002	0,012	0,059	FALSE
0,002	0,330	0,000	0,008	0,006	FALSE
-0,021	0,308	0,000	0,012	0,012	FALSE
0,024	0,305	0,001	0,010	0,028	FALSE
-0,103	0,307	-0,002	0,007	0,130	FALSE
-0,035	0,287	0,000	0,009	0,014	FALSE
0,031	0,319	0,001	0,008	0,044	FALSE
0,038	0,318	0,000	0,007	0,019	FALSE
0,069	0,313	0,002	0,008	0,097	FALSE
0,086	0,299	0,004	0,012	0,117	FALSE
0,028	0,304	0,001	0,008	0,058	FALSE
0,049	0,300	0,001	0,011	0,039	FALSE
0,058	0,300	0,001	0,010	0,034	FALSE
-0,054	0,299	-0,001	0,007	0,051	FALSE
0,036	0,300	0,000	0,010	0,015	FALSE
0,187	0,311	0,006	0,011	0,218	FALSE
0,179	0,306	0,006	0,011	0,220	FALSE
0,044	0,295	0,001	0,009	0,032	FALSE
-0,097	0,307	-0,003	0,012	0,077	FALSE
0,002	0,301	0,000	0,007	0,006	FALSE
0,067	0,319	0,002	0,009	0,099	FALSE
0,034	0,303	0,001	0,011	0,028	FALSE
0,056	0,292	0,002	0,010	0,059	FALSE
-0,054	0,300	-0,001	0,007	0,060	FALSE
0,038	0,314	0,001	0,009	0,052	FALSE
0,068	0,306	0,003	0,012	0,085	FALSE
-0,022	0,304	-0,001	0,009	0,027	FALSE
0,129	0,293	0,005	0,012	0,173	FALSE
0,012	0,326	0,001	0,009	0,028	FALSE
0,024	0,305	0,000	0,012	0,010	FALSE
-0,025	0,305	0,000	0,011	0,014	FALSE
0,081	0,306	0,002	0,010	0,091	FALSE
-0,115	0,299	-0,004	0,011	0,138	FALSE
0,020	0,304	0,001	0,007	0,034	FALSE
0,102	0,310	0,002	0,007	0,117	FALSE

-0,081	0,297	-0,003	0,012	0,104	FALSE
-0,035	0,321	-0,001	0,012	0,026	FALSE
0,151	0,311	0,003	0,007	0,202	FALSE
-0,095	0,307	-0,004	0,013	0,136	FALSE
-0,135	0,299	-0,005	0,010	0,215	FALSE
0,003	0,314	-0,001	0,011	0,018	FALSE
-0,001	0,298	0,000	0,010	0,003	FALSE
-0,070	0,298	-0,001	0,006	0,057	FALSE
-0,021	0,323	-0,001	0,013	0,023	FALSE
0,015	0,302	0,000	0,010	0,010	FALSE
-0,034	0,308	-0,001	0,007	0,045	FALSE
0,066	0,303	0,002	0,012	0,073	FALSE
0,074	0,312	0,003	0,011	0,091	FALSE
-0,095	0,291	-0,002	0,007	0,135	FALSE
-0,104	0,295	-0,003	0,007	0,143	FALSE
-0,082	0,299	-0,003	0,010	0,119	FALSE
0,008	0,306	0,001	0,007	0,041	FALSE
-0,100	0,316	-0,003	0,009	0,137	FALSE
-0,011	0,305	0,000	0,008	0,015	FALSE
-0,045	0,301	-0,002	0,013	0,048	FALSE
-0,035	0,305	-0,001	0,007	0,036	FALSE
0,051	0,318	0,001	0,008	0,033	FALSE
0,019	0,313	0,001	0,009	0,038	FALSE
0,020	0,295	0,001	0,009	0,041	FALSE
0,004	0,322	0,000	0,008	0,003	FALSE
-0,161	0,307	-0,006	0,010	0,257	FALSE
-0,033	0,298	-0,001	0,009	0,039	FALSE
0,019	0,310	0,001	0,013	0,028	FALSE
0,027	0,305	0,001	0,013	0,033	FALSE
-0,033	0,301	-0,001	0,008	0,050	FALSE
-0,079	0,299	-0,002	0,009	0,094	FALSE
0,061	0,305	0,001	0,008	0,065	FALSE
0,013	0,312	0,000	0,011	0,012	FALSE
0,035	0,302	0,001	0,008	0,060	FALSE
0,138	0,303	0,003	0,006	0,172	FALSE
-0,071	0,301	-0,002	0,012	0,058	FALSE
-0,050	0,307	-0,001	0,012	0,025	FALSE
-0,072	0,309	-0,001	0,011	0,049	FALSE
0,106	0,306	0,003	0,011	0,095	FALSE
0,081	0,306	0,002	0,012	0,076	FALSE
-0,032	0,305	-0,001	0,011	0,017	FALSE
0,003	0,301	-0,001	0,008	0,025	FALSE
0,044	0,313	0,001	0,013	0,032	FALSE
-0,031	0,313	-0,001	0,010	0,052	FALSE
-0,018	0,316	-0,001	0,011	0,021	FALSE
-0,003	0,301	-0,001	0,010	0,035	FALSE
0,006	0,301	0,000	0,012	0,001	FALSE
0,183	0,316	0,006	0,011	0,262	FALSE
-0,047	0,302	-0,002	0,007	0,080	FALSE
-0,219	0,306	-0,008	0,011	0,336	FALSE
0,008	0,298	0,001	0,010	0,054	FALSE
0,106	0,306	0,003	0,008	0,151	FALSE
0,005	0,297	0,000	0,012	0,007	FALSE

-0,024	0,289	-0,001	0,012	0,037	FALSE
-0,135	0,303	-0,004	0,009	0,169	FALSE
0,064	0,299	0,002	0,007	0,080	FALSE
-0,024	0,307	-0,001	0,012	0,036	FALSE
0,030	0,315	0,000	0,010	0,013	FALSE
0,105	0,299	0,003	0,010	0,115	FALSE
0,043	0,322	0,001	0,008	0,060	FALSE
0,052	0,313	0,001	0,007	0,039	FALSE
-0,051	0,311	-0,001	0,007	0,069	FALSE
0,145	0,299	0,004	0,008	0,216	FALSE
0,009	0,314	0,000	0,008	0,004	FALSE
-0,149	0,291	-0,004	0,007	0,235	FALSE
-0,110	0,309	-0,004	0,010	0,164	FALSE
0,053	0,302	0,001	0,011	0,030	FALSE
0,034	0,316	0,001	0,007	0,036	FALSE
-0,006	0,297	-0,001	0,010	0,019	FALSE
0,066	0,317	0,001	0,009	0,035	FALSE
-0,104	0,312	-0,003	0,012	0,107	FALSE
0,019	0,306	0,001	0,012	0,021	FALSE
0,046	0,307	0,001	0,013	0,032	FALSE
0,011	0,303	0,001	0,011	0,033	FALSE
0,132	0,300	0,004	0,009	0,170	FALSE
0,026	0,314	0,001	0,009	0,024	FALSE
0,010	0,307	0,000	0,011	0,015	FALSE
0,009	0,307	0,000	0,013	0,002	FALSE
-0,077	0,302	-0,002	0,007	0,093	FALSE
-0,009	0,289	-0,002	0,012	0,054	FALSE
-0,039	0,307	-0,002	0,012	0,046	FALSE
0,102	0,293	0,004	0,010	0,140	FALSE
0,129	0,303	0,003	0,007	0,190	FALSE
-0,026	0,297	-0,001	0,009	0,034	FALSE
-0,014	0,336	0,000	0,010	0,005	FALSE
0,104	0,307	0,003	0,007	0,161	FALSE
0,020	0,297	0,000	0,007	0,012	FALSE
-0,050	0,291	-0,001	0,006	0,038	FALSE
0,055	0,297	0,002	0,013	0,057	FALSE
0,025	0,305	0,000	0,006	0,027	FALSE
-0,058	0,302	-0,001	0,009	0,040	FALSE
0,029	0,299	0,000	0,010	0,018	FALSE
0,018	0,303	0,000	0,007	0,016	FALSE
0,029	0,313	0,001	0,007	0,041	FALSE
-0,015	0,301	0,000	0,006	0,002	FALSE
-0,070	0,304	-0,003	0,012	0,097	FALSE
0,067	0,297	0,002	0,006	0,110	FALSE
-0,136	0,299	-0,003	0,006	0,182	FALSE
-0,075	0,304	-0,002	0,008	0,098	FALSE
-0,111	0,312	-0,004	0,011	0,130	FALSE
-0,081	0,302	-0,002	0,008	0,116	FALSE
0,137	0,308	0,005	0,011	0,186	FALSE
-0,153	0,316	-0,006	0,012	0,211	FALSE
-0,186	0,311	-0,008	0,013	0,269	FALSE
0,058	0,305	0,002	0,012	0,055	FALSE
0,047	0,313	0,001	0,008	0,061	FALSE

0,012	0,309	0,000	0,008	0,009	FALSE
0,009	0,308	0,000	0,007	0,016	FALSE
-0,082	0,319	-0,002	0,009	0,088	FALSE
0,062	0,317	0,002	0,011	0,078	FALSE
-0,026	0,308	-0,001	0,008	0,059	FALSE
0,090	0,308	0,002	0,007	0,107	FALSE
-0,063	0,304	-0,002	0,009	0,090	FALSE
-0,031	0,321	-0,001	0,010	0,048	FALSE
-0,095	0,303	-0,003	0,008	0,132	FALSE
-0,009	0,310	0,001	0,007	0,030	FALSE
0,037	0,303	0,001	0,012	0,032	FALSE
-0,038	0,302	-0,001	0,006	0,047	FALSE
0,186	0,300	0,004	0,007	0,260	FALSE
0,113	0,291	0,004	0,012	0,137	FALSE
0,124	0,299	0,005	0,013	0,156	FALSE
-0,100	0,307	-0,002	0,007	0,101	FALSE
0,117	0,298	0,003	0,007	0,177	FALSE
-0,039	0,302	-0,001	0,009	0,033	FALSE
-0,125	0,312	-0,003	0,009	0,145	FALSE
0,022	0,303	0,000	0,007	0,008	FALSE
-0,128	0,312	-0,004	0,011	0,150	FALSE
-0,127	0,310	-0,005	0,012	0,156	FALSE
0,107	0,310	0,004	0,011	0,158	FALSE
-0,010	0,311	0,000	0,008	0,009	FALSE
0,035	0,307	0,001	0,011	0,046	FALSE
-0,033	0,298	0,000	0,007	0,012	FALSE
0,125	0,293	0,004	0,010	0,154	FALSE
0,117	0,300	0,004	0,009	0,167	FALSE
-0,112	0,317	-0,005	0,013	0,138	FALSE
0,047	0,306	0,001	0,011	0,038	FALSE
-0,143	0,302	-0,006	0,013	0,205	FALSE
-0,038	0,318	-0,001	0,007	0,045	FALSE
0,119	0,290	0,005	0,011	0,166	FALSE
0,006	0,304	-0,001	0,013	0,018	FALSE
0,029	0,326	0,000	0,007	0,013	FALSE
0,042	0,296	0,001	0,009	0,046	FALSE
-0,040	0,303	-0,001	0,007	0,040	FALSE
-0,031	0,314	0,000	0,007	0,005	FALSE
0,178	0,308	0,007	0,013	0,235	FALSE
-0,052	0,312	0,000	0,007	0,016	FALSE
0,042	0,320	0,001	0,008	0,055	FALSE
-0,077	0,278	-0,004	0,012	0,111	FALSE
0,080	0,316	0,003	0,010	0,106	FALSE
0,107	0,298	0,004	0,012	0,124	FALSE
-0,010	0,319	-0,001	0,011	0,037	FALSE
0,019	0,310	0,001	0,009	0,042	FALSE
-0,046	0,306	-0,003	0,011	0,104	FALSE
0,054	0,313	0,001	0,006	0,086	FALSE
-0,127	0,316	-0,004	0,009	0,169	FALSE
-0,036	0,299	-0,002	0,011	0,060	FALSE
0,192	0,290	0,005	0,008	0,289	FALSE
0,201	0,300	0,005	0,008	0,279	FALSE
-0,038	0,303	-0,001	0,007	0,057	FALSE

-0,023	0,311	-0,001	0,012	0,019	FALSE
0,050	0,309	0,002	0,009	0,072	FALSE
0,004	0,306	0,000	0,011	0,014	FALSE
0,026	0,305	0,002	0,010	0,057	FALSE
0,108	0,306	0,005	0,013	0,161	FALSE
-0,144	0,306	-0,006	0,012	0,208	FALSE
0,036	0,305	0,002	0,012	0,055	FALSE
0,047	0,298	0,002	0,009	0,071	FALSE
0,035	0,294	0,001	0,011	0,028	FALSE
0,083	0,306	0,002	0,007	0,099	FALSE
0,010	0,312	0,000	0,009	0,013	FALSE
0,010	0,304	0,001	0,010	0,023	FALSE
0,054	0,296	0,001	0,008	0,047	FALSE
-0,122	0,316	-0,006	0,013	0,196	FALSE
0,065	0,293	0,002	0,010	0,085	FALSE
-0,007	0,317	0,000	0,012	0,000	FALSE
0,045	0,299	0,003	0,012	0,081	FALSE
-0,014	0,314	0,000	0,012	0,007	FALSE
-0,006	0,305	0,000	0,011	0,005	FALSE
0,021	0,301	0,001	0,012	0,043	FALSE
-0,193	0,310	-0,008	0,013	0,278	FALSE
-0,058	0,301	-0,001	0,007	0,049	FALSE
0,043	0,302	0,002	0,008	0,090	FALSE
-0,027	0,298	-0,001	0,010	0,046	FALSE
-0,032	0,299	-0,001	0,013	0,032	FALSE
0,056	0,318	0,001	0,011	0,042	FALSE
-0,041	0,308	-0,001	0,009	0,046	FALSE
-0,026	0,323	0,000	0,010	0,004	FALSE
-0,094	0,300	-0,002	0,007	0,138	FALSE
-0,067	0,302	-0,003	0,010	0,103	FALSE
-0,053	0,300	-0,001	0,010	0,039	FALSE
-0,012	0,304	0,000	0,012	0,006	FALSE
0,063	0,295	0,003	0,010	0,101	FALSE
-0,048	0,301	-0,002	0,009	0,062	FALSE
-0,093	0,306	-0,003	0,012	0,104	FALSE
0,111	0,296	0,004	0,011	0,158	FALSE
0,172	0,310	0,007	0,011	0,250	FALSE
0,075	0,315	0,002	0,007	0,085	FALSE
0,076	0,299	0,002	0,007	0,092	FALSE
0,079	0,309	0,002	0,007	0,088	FALSE
0,089	0,300	0,002	0,007	0,101	FALSE
-0,084	0,297	-0,002	0,007	0,132	FALSE
-0,045	0,289	-0,002	0,012	0,064	FALSE
0,069	0,305	0,003	0,013	0,090	FALSE
0,139	0,317	0,004	0,010	0,175	FALSE
-0,028	0,295	-0,001	0,011	0,028	FALSE
-0,048	0,305	-0,002	0,010	0,054	FALSE
0,057	0,307	0,002	0,007	0,088	FALSE
0,105	0,312	0,003	0,009	0,134	FALSE
0,013	0,305	0,001	0,008	0,057	FALSE
-0,065	0,320	-0,002	0,009	0,091	FALSE
-0,045	0,308	-0,001	0,008	0,036	FALSE
0,145	0,302	0,004	0,007	0,214	FALSE

-0,093	0,298	-0,002	0,007	0,111	FALSE
-0,020	0,321	-0,001	0,012	0,037	FALSE
0,008	0,298	0,000	0,006	0,013	FALSE
0,013	0,308	0,000	0,006	0,019	FALSE
0,075	0,307	0,002	0,011	0,069	FALSE
0,117	0,310	0,003	0,008	0,140	FALSE
0,078	0,314	0,001	0,007	0,077	FALSE
-0,002	0,319	0,000	0,013	0,006	FALSE
-0,019	0,308	-0,001	0,013	0,015	FALSE
0,018	0,324	0,001	0,013	0,019	FALSE
0,000	0,309	0,000	0,012	0,002	FALSE
-0,008	0,323	-0,001	0,013	0,015	FALSE
0,012	0,314	0,000	0,013	0,005	FALSE
0,032	0,328	0,001	0,013	0,034	FALSE
0,018	0,309	0,000	0,013	0,011	FALSE
0,001	0,318	0,000	0,013	0,011	FALSE
0,026	0,322	0,001	0,013	0,035	FALSE
-0,005	0,312	0,000	0,013	0,011	FALSE
-0,003	0,319	0,000	0,013	0,007	FALSE
0,031	0,315	0,001	0,013	0,026	FALSE
0,055	0,323	0,001	0,011	0,045	FALSE
0,022	0,305	0,000	0,012	0,005	FALSE
0,020	0,293	0,000	0,010	0,002	FALSE
0,059	0,314	0,001	0,007	0,079	FALSE
-0,046	0,305	-0,002	0,009	0,074	FALSE
0,069	0,309	0,001	0,007	0,071	FALSE
-0,082	0,305	-0,004	0,012	0,115	FALSE
-0,003	0,315	0,000	0,007	0,001	FALSE
0,106	0,311	0,005	0,012	0,157	FALSE
-0,003	0,309	0,000	0,008	0,002	FALSE
-0,136	0,288	-0,007	0,013	0,226	FALSE
-0,072	0,306	-0,002	0,007	0,092	FALSE
-0,039	0,296	-0,001	0,007	0,039	FALSE
-0,039	0,309	-0,001	0,007	0,030	FALSE
-0,014	0,306	0,000	0,010	0,010	FALSE
0,096	0,318	0,004	0,012	0,128	FALSE
0,065	0,308	0,002	0,007	0,088	FALSE
0,003	0,305	0,000	0,011	0,002	FALSE
0,004	0,316	0,000	0,008	0,007	FALSE
0,024	0,312	0,001	0,007	0,026	FALSE
0,023	0,301	0,001	0,007	0,030	FALSE
0,008	0,303	0,000	0,008	0,001	FALSE
-0,096	0,297	-0,004	0,013	0,139	FALSE
0,062	0,314	0,003	0,013	0,081	FALSE
-0,032	0,318	0,000	0,009	0,019	FALSE
0,061	0,307	0,001	0,007	0,055	FALSE
-0,032	0,311	-0,001	0,013	0,022	FALSE
-0,027	0,311	-0,002	0,012	0,049	FALSE
-0,042	0,300	-0,003	0,012	0,088	FALSE
0,027	0,300	0,000	0,012	0,006	FALSE
-0,087	0,297	-0,004	0,011	0,153	FALSE
-0,093	0,293	-0,003	0,011	0,106	FALSE
-0,024	0,303	-0,001	0,013	0,022	FALSE

-0,074	0,305	-0,002	0,008	0,106	FALSE
-0,084	0,300	-0,003	0,013	0,099	FALSE
0,043	0,305	0,002	0,013	0,066	FALSE
0,034	0,299	0,001	0,007	0,063	FALSE
-0,012	0,296	0,000	0,008	0,013	FALSE
0,003	0,312	0,000	0,008	0,017	FALSE
-0,095	0,301	-0,003	0,008	0,129	FALSE
0,092	0,295	0,002	0,009	0,083	FALSE
-0,087	0,290	-0,003	0,010	0,114	FALSE
-0,070	0,294	-0,002	0,009	0,102	FALSE
0,049	0,299	0,002	0,007	0,088	FALSE
0,064	0,299	0,002	0,009	0,086	FALSE
-0,023	0,293	-0,001	0,012	0,026	FALSE
0,055	0,309	0,001	0,008	0,064	FALSE
-0,025	0,299	0,000	0,007	0,020	FALSE
-0,032	0,310	0,000	0,007	0,021	FALSE
-0,081	0,305	-0,001	0,008	0,065	FALSE
-0,117	0,301	-0,003	0,007	0,163	FALSE
-0,010	0,303	-0,001	0,008	0,032	FALSE
0,117	0,298	0,003	0,008	0,159	FALSE
-0,019	0,330	-0,001	0,011	0,017	FALSE
0,024	0,315	0,001	0,014	0,037	FALSE
0,047	0,312	0,002	0,008	0,085	FALSE
-0,098	0,304	-0,003	0,007	0,174	FALSE
-0,046	0,313	-0,002	0,013	0,052	FALSE
-0,091	0,315	-0,003	0,011	0,118	FALSE
0,001	0,309	-0,001	0,012	0,033	FALSE
0,003	0,310	0,001	0,007	0,032	FALSE
-0,079	0,299	-0,003	0,010	0,111	FALSE
-0,077	0,327	-0,002	0,010	0,093	FALSE
0,026	0,317	0,001	0,009	0,062	FALSE
-0,057	0,309	-0,001	0,007	0,064	FALSE
-0,045	0,303	-0,001	0,008	0,067	FALSE
-0,084	0,322	-0,002	0,009	0,083	FALSE
0,008	0,305	0,000	0,008	0,015	FALSE
-0,036	0,310	-0,001	0,009	0,029	FALSE
0,088	0,310	0,002	0,008	0,114	FALSE
-0,033	0,303	0,000	0,010	0,015	FALSE
-0,043	0,319	-0,001	0,008	0,036	FALSE
0,236	0,300	0,010	0,012	0,414	FALSE
-0,007	0,314	0,000	0,006	0,005	FALSE
0,007	0,315	0,001	0,009	0,021	FALSE
-0,112	0,309	-0,003	0,009	0,154	FALSE
-0,024	0,310	0,000	0,007	0,021	FALSE
-0,069	0,321	-0,002	0,012	0,079	FALSE
0,102	0,312	0,005	0,013	0,138	FALSE
-0,133	0,299	-0,005	0,012	0,154	FALSE
0,021	0,310	0,000	0,009	0,014	FALSE
-0,028	0,316	0,000	0,010	0,016	FALSE
0,010	0,308	0,000	0,009	0,017	FALSE
-0,131	0,311	-0,006	0,013	0,178	FALSE
-0,079	0,311	-0,003	0,013	0,100	FALSE
-0,027	0,309	-0,001	0,009	0,027	FALSE

-0,060	0,300	-0,002	0,010	0,084	FALSE
-0,042	0,313	-0,001	0,008	0,028	FALSE
-0,084	0,273	-0,004	0,010	0,150	FALSE
0,073	0,312	0,002	0,007	0,086	FALSE
-0,081	0,308	-0,003	0,010	0,097	FALSE
-0,072	0,320	-0,002	0,011	0,069	FALSE
0,070	0,314	0,001	0,007	0,063	FALSE
0,044	0,306	0,002	0,011	0,055	FALSE
-0,123	0,302	-0,004	0,011	0,150	FALSE
0,144	0,302	0,004	0,008	0,181	FALSE
-0,051	0,313	-0,002	0,008	0,069	FALSE
0,015	0,305	0,001	0,012	0,027	FALSE
-0,185	0,309	-0,004	0,007	0,235	FALSE
0,070	0,313	0,001	0,006	0,052	FALSE
-0,088	0,303	-0,004	0,013	0,115	FALSE
0,051	0,296	0,001	0,008	0,058	FALSE
0,026	0,301	0,002	0,010	0,056	FALSE
-0,102	0,306	-0,002	0,009	0,099	FALSE
0,167	0,304	0,006	0,012	0,227	FALSE
0,101	0,309	0,003	0,010	0,110	FALSE
-0,030	0,312	0,000	0,010	0,000	FALSE
0,022	0,308	0,001	0,013	0,032	FALSE
0,046	0,312	0,001	0,008	0,048	FALSE
0,091	0,314	0,003	0,010	0,130	FALSE
0,048	0,302	0,001	0,012	0,046	FALSE
-0,058	0,310	-0,001	0,007	0,084	FALSE
-0,051	0,298	-0,002	0,010	0,070	FALSE
0,077	0,299	0,001	0,007	0,072	FALSE
-0,080	0,308	-0,004	0,011	0,139	FALSE
-0,102	0,300	-0,003	0,010	0,100	FALSE
-0,094	0,322	-0,003	0,011	0,094	FALSE
0,101	0,302	0,003	0,010	0,111	FALSE
-0,031	0,321	0,000	0,009	0,015	FALSE
-0,040	0,296	-0,001	0,012	0,028	FALSE
-0,156	0,300	-0,004	0,009	0,198	FALSE
0,034	0,310	0,001	0,009	0,052	FALSE
0,099	0,308	0,003	0,010	0,129	FALSE
0,064	0,308	0,003	0,012	0,086	FALSE
0,059	0,308	0,002	0,012	0,068	FALSE
0,166	0,309	0,004	0,007	0,258	FALSE
0,009	0,312	0,000	0,012	0,014	FALSE
0,062	0,316	0,002	0,008	0,071	FALSE
-0,088	0,320	-0,002	0,007	0,107	FALSE
0,096	0,310	0,002	0,007	0,113	FALSE
-0,146	0,293	-0,003	0,006	0,200	FALSE
-0,070	0,322	-0,002	0,009	0,088	FALSE
-0,160	0,306	-0,006	0,011	0,223	FALSE
0,084	0,289	0,001	0,007	0,060	FALSE
-0,026	0,314	-0,001	0,009	0,035	FALSE
-0,034	0,315	-0,001	0,010	0,038	FALSE
0,048	0,305	0,001	0,007	0,067	FALSE
0,005	0,281	0,000	0,009	0,004	FALSE
0,019	0,302	0,001	0,008	0,026	FALSE

0,077	0,304	0,004	0,011	0,129	FALSE
-0,025	0,310	-0,001	0,013	0,042	FALSE
0,020	0,317	0,001	0,009	0,027	FALSE
-0,029	0,300	-0,001	0,007	0,055	FALSE
0,070	0,308	0,002	0,007	0,110	FALSE
-0,007	0,318	0,000	0,009	0,005	FALSE
0,095	0,302	0,002	0,009	0,111	FALSE
0,173	0,293	0,003	0,006	0,237	FALSE
0,106	0,291	0,003	0,010	0,107	FALSE
0,093	0,298	0,002	0,007	0,123	FALSE
-0,087	0,306	-0,002	0,006	0,096	FALSE
-0,129	0,315	-0,004	0,009	0,194	FALSE
0,014	0,297	0,000	0,006	0,024	FALSE
0,040	0,308	0,001	0,009	0,034	FALSE
-0,023	0,321	-0,001	0,013	0,028	FALSE
-0,040	0,306	-0,001	0,009	0,059	FALSE
0,030	0,307	0,001	0,012	0,039	FALSE
-0,102	0,304	-0,004	0,010	0,159	FALSE
0,064	0,317	0,001	0,007	0,076	FALSE
-0,037	0,306	-0,002	0,011	0,052	FALSE
0,183	0,298	0,004	0,007	0,233	FALSE
0,054	0,307	0,002	0,007	0,105	FALSE
0,140	0,300	0,005	0,010	0,188	FALSE
-0,032	0,310	-0,001	0,012	0,026	FALSE
0,103	0,305	0,003	0,009	0,131	FALSE
0,021	0,325	0,001	0,012	0,030	FALSE
0,082	0,315	0,002	0,008	0,086	FALSE
0,101	0,318	0,003	0,009	0,115	FALSE
0,074	0,302	0,003	0,012	0,087	FALSE
-0,074	0,299	-0,002	0,009	0,081	FALSE
-0,008	0,298	0,000	0,009	0,008	FALSE
-0,120	0,305	-0,003	0,009	0,137	FALSE
0,057	0,292	0,002	0,008	0,078	FALSE
-0,099	0,306	-0,002	0,009	0,107	FALSE
-0,088	0,301	-0,002	0,008	0,105	FALSE
0,073	0,299	0,002	0,008	0,100	FALSE
0,022	0,315	0,001	0,007	0,035	FALSE
0,019	0,306	0,000	0,010	0,005	FALSE
-0,069	0,304	-0,001	0,006	0,077	FALSE
-0,084	0,311	-0,002	0,007	0,129	FALSE
-0,059	0,319	-0,001	0,008	0,060	FALSE
0,010	0,298	0,001	0,009	0,023	FALSE
0,026	0,304	0,001	0,008	0,034	FALSE
0,001	0,308	-0,001	0,012	0,021	FALSE
0,165	0,301	0,004	0,008	0,228	FALSE
-0,081	0,285	-0,002	0,007	0,100	FALSE
-0,003	0,320	-0,001	0,013	0,024	FALSE
-0,009	0,311	-0,001	0,010	0,032	FALSE
-0,036	0,316	-0,001	0,013	0,021	FALSE
-0,022	0,315	-0,001	0,012	0,043	FALSE
0,023	0,311	0,001	0,011	0,035	FALSE
-0,098	0,313	-0,002	0,009	0,089	FALSE
-0,071	0,312	-0,001	0,008	0,061	FALSE

-0,050	0,301	-0,002	0,011	0,064	FALSE
-0,037	0,302	0,000	0,009	0,012	FALSE
-0,021	0,309	0,000	0,011	0,003	FALSE
-0,033	0,328	-0,001	0,008	0,028	FALSE
0,063	0,308	0,001	0,007	0,043	FALSE
0,128	0,294	0,004	0,010	0,180	FALSE
-0,110	0,305	-0,002	0,007	0,101	FALSE
0,112	0,306	0,003	0,008	0,138	FALSE
0,143	0,304	0,003	0,007	0,191	FALSE
0,011	0,300	0,000	0,009	0,008	FALSE
0,074	0,313	0,002	0,007	0,110	FALSE
-0,014	0,318	0,000	0,010	0,014	FALSE
0,068	0,295	0,002	0,008	0,089	FALSE
0,022	0,304	0,001	0,012	0,037	FALSE
-0,098	0,308	-0,003	0,008	0,140	FALSE
-0,083	0,319	-0,002	0,008	0,102	FALSE
0,006	0,311	0,000	0,012	0,005	FALSE
0,030	0,323	0,000	0,012	0,011	FALSE
-0,054	0,299	-0,002	0,010	0,061	FALSE
-0,195	0,304	-0,005	0,007	0,298	FALSE
0,211	0,285	0,005	0,006	0,350	FALSE
-0,051	0,306	-0,002	0,013	0,071	FALSE
-0,088	0,300	-0,002	0,008	0,115	FALSE
0,022	0,295	0,000	0,010	0,004	FALSE
-0,018	0,294	-0,001	0,009	0,037	FALSE
-0,027	0,315	-0,001	0,010	0,048	FALSE
-0,042	0,309	-0,002	0,011	0,059	FALSE
-0,087	0,308	-0,002	0,006	0,094	FALSE
-0,089	0,307	-0,001	0,006	0,068	FALSE
-0,104	0,303	-0,005	0,012	0,152	FALSE
-0,066	0,298	-0,003	0,012	0,087	FALSE
0,022	0,318	0,001	0,012	0,028	FALSE
0,020	0,299	0,001	0,011	0,030	FALSE
-0,043	0,304	-0,001	0,007	0,041	FALSE
0,065	0,298	0,002	0,012	0,077	FALSE
-0,035	0,309	-0,001	0,011	0,031	FALSE
-0,190	0,307	-0,004	0,007	0,248	FALSE
-0,034	0,316	-0,001	0,009	0,053	FALSE
0,012	0,298	0,000	0,010	0,004	FALSE
-0,136	0,310	-0,003	0,007	0,195	FALSE
-0,067	0,315	-0,003	0,009	0,108	FALSE
-0,060	0,313	-0,002	0,013	0,061	FALSE
-0,071	0,308	-0,003	0,013	0,093	FALSE
-0,067	0,309	-0,002	0,008	0,096	FALSE
0,066	0,291	0,002	0,006	0,093	FALSE
-0,015	0,310	-0,001	0,011	0,026	FALSE
-0,053	0,321	-0,001	0,006	0,048	FALSE
0,057	0,302	0,001	0,007	0,029	FALSE
0,039	0,318	0,000	0,008	0,018	FALSE
-0,098	0,313	-0,002	0,007	0,096	FALSE
0,003	0,305	0,001	0,009	0,035	FALSE
0,002	0,317	0,000	0,011	0,001	FALSE
0,074	0,297	0,002	0,010	0,058	FALSE

-0,050	0,311	-0,002	0,008	0,086	FALSE
-0,016	0,308	0,000	0,009	0,010	FALSE
-0,079	0,326	-0,002	0,013	0,070	FALSE
-0,036	0,318	-0,001	0,008	0,046	FALSE
0,019	0,306	0,001	0,008	0,037	FALSE
-0,001	0,300	0,000	0,008	0,017	FALSE
0,093	0,308	0,002	0,007	0,086	FALSE
-0,019	0,304	-0,001	0,009	0,019	FALSE
-0,010	0,300	0,000	0,009	0,019	FALSE
-0,019	0,305	0,000	0,008	0,012	FALSE
-0,053	0,299	-0,001	0,013	0,038	FALSE
0,070	0,300	0,001	0,007	0,070	FALSE
0,092	0,302	0,002	0,008	0,110	FALSE
-0,038	0,315	0,000	0,007	0,018	FALSE
0,112	0,295	0,003	0,007	0,181	FALSE
0,105	0,309	0,004	0,013	0,127	FALSE
-0,088	0,305	-0,002	0,007	0,107	FALSE
0,040	0,300	0,002	0,009	0,083	FALSE
-0,062	0,304	-0,002	0,010	0,084	FALSE
0,011	0,311	0,000	0,010	0,006	FALSE
-0,057	0,306	-0,002	0,009	0,090	FALSE
-0,014	0,304	0,001	0,008	0,023	FALSE
-0,008	0,292	-0,001	0,008	0,046	FALSE
-0,058	0,304	-0,002	0,007	0,091	FALSE
0,025	0,319	0,001	0,013	0,022	FALSE
-0,109	0,307	-0,002	0,008	0,110	FALSE
0,034	0,295	0,001	0,009	0,053	FALSE
0,064	0,300	0,002	0,013	0,056	FALSE
0,056	0,308	0,001	0,007	0,031	FALSE
-0,019	0,300	0,000	0,009	0,010	FALSE
0,027	0,315	0,001	0,008	0,037	FALSE
-0,002	0,304	-0,001	0,011	0,030	FALSE
0,059	0,311	0,003	0,010	0,100	FALSE
-0,040	0,302	-0,002	0,012	0,065	FALSE
0,015	0,308	0,001	0,008	0,058	FALSE
-0,184	0,308	-0,004	0,007	0,250	FALSE
-0,077	0,307	-0,003	0,012	0,083	FALSE
0,090	0,304	0,004	0,012	0,141	FALSE
-0,083	0,301	-0,002	0,008	0,118	FALSE
0,079	0,308	0,002	0,008	0,096	FALSE
-0,029	0,299	-0,001	0,007	0,067	FALSE
-0,062	0,303	-0,001	0,009	0,046	FALSE
-0,027	0,304	0,000	0,007	0,007	FALSE
-0,105	0,305	-0,004	0,011	0,155	FALSE
-0,039	0,297	-0,001	0,006	0,063	FALSE
0,002	0,290	0,001	0,006	0,040	FALSE
0,076	0,303	0,003	0,011	0,114	FALSE
-0,057	0,294	-0,003	0,011	0,084	FALSE
-0,029	0,303	-0,002	0,011	0,050	FALSE
0,070	0,325	0,003	0,013	0,078	FALSE
0,097	0,292	0,004	0,012	0,129	FALSE
0,226	0,304	0,009	0,013	0,334	FALSE
-0,009	0,310	-0,001	0,012	0,024	FALSE

0,091	0,319	0,003	0,009	0,117	FALSE
-0,114	0,311	-0,005	0,012	0,179	FALSE
0,055	0,304	0,002	0,008	0,092	FALSE
0,003	0,310	0,001	0,013	0,025	FALSE
0,112	0,302	0,004	0,009	0,155	FALSE
-0,033	0,301	0,000	0,006	0,010	FALSE
0,015	0,304	0,001	0,010	0,022	FALSE
0,021	0,307	0,001	0,007	0,046	FALSE
-0,044	0,303	-0,001	0,008	0,029	FALSE
0,040	0,310	0,002	0,009	0,082	FALSE
-0,092	0,306	-0,003	0,010	0,098	FALSE
-0,075	0,304	-0,003	0,013	0,097	FALSE
0,054	0,310	0,001	0,008	0,045	FALSE
-0,005	0,308	0,000	0,009	0,019	FALSE
-0,028	0,311	-0,001	0,011	0,043	FALSE
0,077	0,313	0,002	0,008	0,101	FALSE
0,049	0,302	0,001	0,007	0,041	FALSE
-0,045	0,307	-0,001	0,007	0,061	FALSE
-0,144	0,305	-0,003	0,007	0,189	FALSE
0,090	0,317	0,002	0,007	0,106	FALSE
-0,021	0,331	-0,001	0,010	0,020	FALSE
-0,074	0,298	-0,003	0,012	0,099	FALSE
0,058	0,309	0,002	0,010	0,063	FALSE
-0,005	0,308	0,000	0,011	0,013	FALSE
-0,035	0,303	-0,001	0,008	0,037	FALSE
-0,146	0,295	-0,005	0,011	0,178	FALSE
-0,050	0,300	-0,003	0,013	0,095	FALSE
0,050	0,295	0,003	0,012	0,111	FALSE
-0,078	0,307	-0,002	0,008	0,120	FALSE
0,092	0,307	0,002	0,010	0,090	FALSE
0,070	0,308	0,003	0,013	0,073	FALSE
-0,034	0,306	-0,001	0,007	0,037	FALSE
0,009	0,317	0,000	0,013	0,005	FALSE
-0,005	0,314	-0,001	0,013	0,019	FALSE
0,010	0,322	0,000	0,008	0,009	FALSE
-0,010	0,304	0,000	0,008	0,010	FALSE
0,067	0,328	0,002	0,013	0,070	FALSE
-0,077	0,295	-0,002	0,007	0,094	FALSE
0,045	0,311	0,002	0,011	0,068	FALSE
0,010	0,306	0,000	0,006	0,016	FALSE
-0,068	0,292	-0,003	0,010	0,102	FALSE
-0,095	0,287	-0,004	0,011	0,141	FALSE
-0,096	0,295	-0,004	0,011	0,150	FALSE
-0,053	0,320	-0,002	0,007	0,096	FALSE
-0,027	0,301	0,000	0,011	0,000	FALSE
0,129	0,313	0,004	0,008	0,197	FALSE
-0,057	0,304	-0,002	0,010	0,080	FALSE
-0,021	0,295	0,000	0,007	0,002	FALSE
-0,058	0,293	-0,002	0,009	0,083	FALSE
-0,034	0,322	-0,001	0,013	0,029	FALSE
-0,017	0,298	-0,001	0,012	0,034	FALSE
0,021	0,300	0,000	0,012	0,003	FALSE
0,188	0,299	0,007	0,012	0,264	FALSE

-0,114	0,298	-0,003	0,010	0,106	FALSE
0,162	0,306	0,005	0,011	0,190	FALSE
-0,026	0,307	0,000	0,012	0,010	FALSE
0,015	0,309	0,001	0,008	0,024	FALSE
0,027	0,300	0,001	0,007	0,040	FALSE
-0,033	0,303	-0,001	0,012	0,025	FALSE
0,089	0,305	0,003	0,009	0,149	FALSE
-0,079	0,319	-0,002	0,012	0,070	FALSE
0,097	0,306	0,002	0,007	0,105	FALSE
-0,051	0,294	-0,001	0,013	0,037	FALSE
0,000	0,304	0,000	0,009	0,009	FALSE
-0,076	0,316	-0,002	0,007	0,083	FALSE
-0,049	0,298	-0,002	0,012	0,047	FALSE
-0,078	0,304	-0,001	0,007	0,060	FALSE
0,023	0,305	0,001	0,006	0,046	FALSE
0,002	0,319	0,000	0,008	0,017	FALSE
-0,084	0,300	-0,004	0,011	0,129	FALSE
-0,034	0,303	-0,003	0,013	0,074	FALSE
-0,003	0,317	0,000	0,012	0,004	FALSE
0,091	0,307	0,003	0,010	0,115	FALSE
-0,049	0,289	-0,001	0,007	0,048	FALSE
0,062	0,309	0,002	0,008	0,075	FALSE
0,123	0,312	0,004	0,008	0,181	FALSE
0,094	0,306	0,002	0,007	0,113	FALSE
-0,072	0,314	-0,002	0,008	0,078	FALSE
0,004	0,301	0,000	0,011	0,002	FALSE
0,015	0,291	0,000	0,011	0,009	FALSE
-0,069	0,309	-0,001	0,007	0,063	FALSE
0,056	0,315	0,003	0,013	0,074	FALSE
-0,071	0,313	-0,003	0,011	0,094	FALSE
-0,047	0,311	-0,002	0,011	0,068	FALSE
0,037	0,295	0,001	0,007	0,078	FALSE
0,016	0,308	0,000	0,010	0,008	FALSE
0,023	0,308	0,000	0,012	0,011	FALSE
0,005	0,307	-0,001	0,010	0,037	FALSE
0,106	0,298	0,003	0,007	0,156	FALSE
-0,242	0,303	-0,009	0,010	0,392	FALSE
0,052	0,292	0,002	0,009	0,084	FALSE
-0,107	0,299	-0,003	0,009	0,120	FALSE
-0,063	0,305	-0,001	0,006	0,074	FALSE
-0,083	0,318	-0,003	0,011	0,119	FALSE
-0,074	0,298	-0,002	0,007	0,102	FALSE
0,052	0,309	0,001	0,006	0,064	FALSE
0,107	0,298	0,002	0,006	0,158	FALSE
-0,046	0,302	-0,001	0,010	0,048	FALSE
-0,043	0,304	-0,002	0,012	0,075	FALSE
0,000	0,303	-0,001	0,011	0,044	FALSE
0,012	0,305	0,001	0,006	0,057	FALSE
-0,111	0,296	-0,002	0,006	0,149	FALSE
0,013	0,301	0,001	0,012	0,036	FALSE
-0,082	0,302	-0,003	0,011	0,126	FALSE
0,110	0,305	0,003	0,008	0,155	FALSE
0,013	0,316	0,000	0,009	0,004	FALSE

-0,009	0,306	0,000	0,007	0,003	FALSE
-0,007	0,298	0,000	0,012	0,010	FALSE
-0,019	0,309	-0,001	0,013	0,030	FALSE
0,075	0,307	0,002	0,007	0,094	FALSE
0,057	0,304	0,002	0,009	0,088	FALSE
0,029	0,300	0,000	0,007	0,015	FALSE
-0,033	0,313	-0,002	0,011	0,058	FALSE
-0,083	0,301	-0,001	0,007	0,066	FALSE
0,152	0,307	0,006	0,012	0,186	FALSE
0,016	0,301	0,000	0,006	0,006	FALSE
-0,068	0,305	-0,002	0,006	0,109	FALSE
0,031	0,305	0,001	0,007	0,043	FALSE
0,026	0,302	0,001	0,008	0,026	FALSE
0,053	0,304	0,001	0,011	0,035	FALSE
0,062	0,309	0,002	0,011	0,069	FALSE
-0,056	0,312	-0,002	0,008	0,080	FALSE
-0,157	0,300	-0,004	0,009	0,195	FALSE
-0,054	0,307	-0,001	0,006	0,076	FALSE
-0,112	0,308	-0,003	0,006	0,168	FALSE
0,000	0,308	0,000	0,006	0,011	FALSE
-0,043	0,293	-0,001	0,007	0,032	FALSE
0,023	0,314	0,001	0,012	0,016	FALSE
-0,084	0,322	-0,002	0,007	0,111	FALSE
0,056	0,294	0,002	0,012	0,069	FALSE
0,082	0,305	0,002	0,007	0,139	FALSE
-0,076	0,308	-0,002	0,009	0,090	FALSE
-0,069	0,301	-0,001	0,006	0,064	FALSE
0,009	0,304	0,000	0,007	0,002	FALSE
0,037	0,300	0,002	0,008	0,104	FALSE
-0,150	0,325	-0,004	0,010	0,176	FALSE
0,018	0,311	0,001	0,011	0,036	FALSE
-0,010	0,310	0,000	0,007	0,003	FALSE
-0,002	0,295	0,000	0,008	0,009	FALSE
0,034	0,296	0,001	0,009	0,049	FALSE
0,066	0,312	0,003	0,012	0,098	FALSE
-0,063	0,306	-0,001	0,007	0,067	FALSE
0,124	0,302	0,004	0,010	0,146	FALSE
0,155	0,294	0,004	0,007	0,228	FALSE
0,157	0,296	0,004	0,008	0,228	FALSE
0,191	0,296	0,005	0,008	0,308	FALSE
0,183	0,284	0,005	0,008	0,271	FALSE
-0,152	0,316	-0,006	0,013	0,196	FALSE
0,057	0,311	0,002	0,007	0,085	FALSE
-0,032	0,306	0,000	0,006	0,028	FALSE
-0,094	0,309	-0,002	0,007	0,119	FALSE
-0,037	0,299	-0,001	0,008	0,048	FALSE
0,040	0,299	0,001	0,009	0,057	FALSE
-0,084	0,310	-0,002	0,007	0,109	FALSE
-0,013	0,317	0,000	0,008	0,006	FALSE
-0,065	0,320	-0,003	0,013	0,097	FALSE
-0,033	0,302	-0,001	0,008	0,037	FALSE
0,039	0,307	0,002	0,011	0,083	FALSE
0,019	0,309	0,000	0,009	0,016	FALSE

-0,096	0,310	-0,004	0,013	0,138	FALSE
0,012	0,312	0,000	0,012	0,007	FALSE
-0,047	0,316	-0,002	0,010	0,071	FALSE
0,015	0,311	0,001	0,010	0,026	FALSE
0,020	0,314	0,001	0,011	0,024	FALSE
0,038	0,306	0,002	0,011	0,062	FALSE
-0,005	0,296	-0,001	0,009	0,020	FALSE
-0,024	0,294	0,000	0,006	0,016	FALSE
-0,036	0,312	0,000	0,007	0,026	FALSE
0,098	0,290	0,003	0,009	0,132	FALSE
0,047	0,298	0,001	0,008	0,048	FALSE
0,022	0,309	0,000	0,006	0,022	FALSE
-0,011	0,300	0,000	0,013	0,010	FALSE
-0,076	0,311	-0,002	0,007	0,094	FALSE
-0,063	0,305	-0,002	0,012	0,071	FALSE
0,023	0,303	0,000	0,007	0,020	FALSE
-0,121	0,302	-0,003	0,009	0,149	FALSE
0,017	0,307	0,001	0,013	0,015	FALSE
0,015	0,300	0,000	0,011	0,012	FALSE
-0,060	0,310	-0,002	0,008	0,086	FALSE
0,135	0,313	0,004	0,008	0,189	FALSE
-0,014	0,310	0,000	0,008	0,017	FALSE
-0,079	0,311	-0,003	0,009	0,132	FALSE
-0,012	0,317	-0,001	0,009	0,022	FALSE
-0,016	0,310	0,000	0,012	0,012	FALSE
0,041	0,306	0,001	0,009	0,046	FALSE
-0,035	0,299	-0,002	0,009	0,059	FALSE
-0,002	0,322	0,000	0,013	0,014	FALSE
-0,085	0,309	-0,002	0,006	0,131	FALSE
-0,071	0,300	-0,002	0,011	0,073	FALSE
-0,015	0,295	0,000	0,013	0,010	FALSE
0,072	0,314	0,003	0,011	0,096	FALSE
0,035	0,311	0,001	0,010	0,050	FALSE
0,058	0,310	0,002	0,009	0,070	FALSE
0,016	0,317	0,000	0,007	0,020	FALSE
0,131	0,305	0,004	0,008	0,203	FALSE
0,169	0,311	0,005	0,008	0,264	FALSE
-0,142	0,298	-0,005	0,011	0,180	FALSE
-0,094	0,305	-0,005	0,012	0,148	FALSE
0,060	0,310	0,002	0,009	0,097	FALSE
0,115	0,297	0,003	0,008	0,148	FALSE
0,046	0,310	0,002	0,009	0,069	FALSE
-0,005	0,302	0,000	0,007	0,006	FALSE
-0,029	0,317	-0,001	0,013	0,031	FALSE
-0,087	0,310	-0,002	0,006	0,109	FALSE
0,092	0,303	0,002	0,008	0,107	FALSE
-0,039	0,296	-0,001	0,012	0,023	FALSE
-0,040	0,309	-0,001	0,006	0,083	FALSE
-0,046	0,313	-0,002	0,010	0,057	FALSE
0,026	0,296	0,001	0,006	0,041	FALSE
-0,067	0,302	-0,001	0,007	0,057	FALSE
0,047	0,310	0,001	0,008	0,057	FALSE
0,015	0,298	0,000	0,012	0,009	FALSE

-0,072	0,314	-0,002	0,010	0,056	FALSE
0,039	0,301	0,002	0,011	0,061	FALSE
0,113	0,297	0,003	0,008	0,140	FALSE
-0,169	0,287	-0,007	0,012	0,275	FALSE
-0,192	0,302	-0,005	0,007	0,271	FALSE
0,033	0,314	0,001	0,010	0,018	FALSE
-0,033	0,300	-0,001	0,007	0,045	FALSE
0,121	0,299	0,006	0,012	0,204	FALSE
0,121	0,295	0,005	0,012	0,158	FALSE
0,061	0,312	0,001	0,008	0,047	FALSE
-0,079	0,300	-0,002	0,009	0,082	FALSE
-0,095	0,313	-0,002	0,008	0,095	FALSE
-0,035	0,297	-0,001	0,012	0,042	FALSE
0,102	0,305	0,004	0,013	0,126	FALSE
-0,062	0,296	-0,002	0,008	0,075	FALSE
-0,005	0,315	0,000	0,011	0,011	FALSE
-0,055	0,308	-0,002	0,012	0,065	FALSE
-0,054	0,316	-0,001	0,008	0,070	FALSE
-0,016	0,299	0,000	0,010	0,011	FALSE
-0,016	0,300	0,000	0,007	0,014	FALSE
0,048	0,310	0,001	0,010	0,019	FALSE
0,078	0,293	0,003	0,012	0,085	FALSE
0,066	0,302	0,002	0,007	0,121	FALSE
-0,040	0,310	-0,001	0,010	0,027	FALSE
-0,036	0,304	0,000	0,007	0,020	FALSE
-0,034	0,296	-0,001	0,011	0,041	FALSE
-0,068	0,302	-0,002	0,008	0,097	FALSE
-0,022	0,304	-0,002	0,012	0,053	FALSE
0,014	0,298	0,001	0,009	0,033	FALSE
0,093	0,307	0,004	0,012	0,123	FALSE
0,063	0,316	0,003	0,010	0,099	FALSE
-0,036	0,305	-0,001	0,006	0,047	FALSE
0,031	0,312	0,001	0,010	0,050	FALSE
-0,023	0,313	-0,001	0,012	0,037	FALSE
0,026	0,305	0,001	0,010	0,036	FALSE
-0,004	0,308	0,000	0,009	0,003	FALSE
0,060	0,307	0,003	0,012	0,079	FALSE
-0,018	0,312	-0,001	0,007	0,025	FALSE
0,071	0,292	0,003	0,009	0,110	FALSE
0,039	0,301	0,001	0,009	0,050	FALSE
-0,004	0,300	-0,001	0,008	0,036	FALSE
-0,123	0,292	-0,003	0,007	0,164	FALSE
0,147	0,293	0,006	0,011	0,216	FALSE
0,046	0,309	0,001	0,006	0,041	FALSE
-0,150	0,308	-0,005	0,010	0,205	FALSE
-0,013	0,316	0,000	0,008	0,018	FALSE
0,062	0,304	0,003	0,010	0,099	FALSE
0,046	0,291	0,002	0,006	0,108	FALSE
-0,064	0,307	-0,002	0,008	0,075	FALSE
-0,033	0,317	-0,001	0,011	0,023	FALSE
0,031	0,306	0,001	0,012	0,038	FALSE
0,079	0,304	0,002	0,006	0,108	FALSE
0,004	0,314	0,000	0,008	0,001	FALSE

0,112	0,311	0,005	0,013	0,150	FALSE
-0,103	0,302	-0,002	0,006	0,110	FALSE
0,012	0,307	0,000	0,007	0,004	FALSE
0,064	0,315	0,002	0,007	0,093	FALSE
-0,006	0,307	0,000	0,010	0,005	FALSE
-0,088	0,310	-0,002	0,007	0,129	FALSE
0,000	0,308	0,000	0,007	0,005	FALSE
0,076	0,314	0,002	0,009	0,102	FALSE
0,084	0,315	0,003	0,011	0,096	FALSE
0,048	0,300	0,001	0,006	0,063	FALSE
0,065	0,321	0,002	0,011	0,065	FALSE
0,086	0,302	0,002	0,009	0,082	FALSE
-0,115	0,319	-0,003	0,009	0,119	FALSE
-0,001	0,309	0,000	0,007	0,003	FALSE
-0,042	0,305	-0,001	0,007	0,056	FALSE
-0,023	0,315	-0,001	0,010	0,047	FALSE
-0,029	0,312	-0,002	0,010	0,056	FALSE
0,143	0,299	0,004	0,009	0,198	FALSE
0,082	0,291	0,002	0,007	0,084	FALSE
0,075	0,299	0,003	0,012	0,106	FALSE
0,017	0,311	0,001	0,013	0,031	FALSE
0,032	0,311	0,001	0,006	0,033	FALSE
0,167	0,298	0,006	0,012	0,230	FALSE
-0,178	0,295	-0,006	0,011	0,239	FALSE
-0,049	0,306	-0,001	0,009	0,041	FALSE
0,195	0,288	0,007	0,011	0,264	FALSE
-0,074	0,307	-0,003	0,012	0,106	FALSE
-0,109	0,298	-0,004	0,012	0,129	FALSE
-0,053	0,305	-0,001	0,008	0,064	FALSE
-0,075	0,317	-0,003	0,011	0,106	FALSE
0,131	0,318	0,005	0,013	0,165	FALSE
0,107	0,306	0,003	0,007	0,151	FALSE
-0,078	0,309	-0,004	0,012	0,125	FALSE
-0,011	0,310	-0,001	0,010	0,029	FALSE
0,070	0,315	0,003	0,011	0,105	FALSE
0,096	0,301	0,001	0,007	0,078	FALSE
-0,076	0,310	-0,003	0,011	0,107	FALSE
-0,011	0,304	0,000	0,006	0,018	FALSE
0,057	0,316	0,002	0,010	0,065	FALSE
0,055	0,309	0,002	0,010	0,068	FALSE
-0,081	0,313	-0,002	0,008	0,122	FALSE
0,103	0,307	0,004	0,010	0,144	FALSE
-0,107	0,307	-0,002	0,008	0,117	FALSE
-0,040	0,312	-0,001	0,007	0,069	FALSE
0,132	0,303	0,003	0,007	0,217	FALSE
-0,063	0,294	-0,002	0,009	0,076	FALSE
-0,060	0,312	-0,002	0,010	0,078	FALSE
-0,102	0,303	-0,003	0,010	0,122	FALSE
0,079	0,298	0,002	0,007	0,104	FALSE
0,041	0,304	0,002	0,013	0,058	FALSE
-0,003	0,299	0,000	0,012	0,005	FALSE
-0,059	0,311	-0,001	0,007	0,085	FALSE
-0,013	0,298	-0,001	0,012	0,028	FALSE

-0,019	0,310	-0,001	0,013	0,034	FALSE
0,050	0,306	0,001	0,008	0,063	FALSE
-0,063	0,307	-0,002	0,010	0,078	FALSE
0,036	0,297	0,001	0,010	0,035	FALSE
0,021	0,311	0,001	0,012	0,022	FALSE
-0,062	0,318	-0,001	0,009	0,052	FALSE
0,056	0,304	0,001	0,006	0,078	FALSE
-0,127	0,291	-0,003	0,007	0,157	FALSE
-0,054	0,310	-0,003	0,011	0,090	FALSE
0,042	0,296	0,001	0,012	0,041	FALSE
-0,060	0,294	-0,002	0,010	0,077	FALSE
0,121	0,318	0,003	0,007	0,170	FALSE
0,093	0,309	0,003	0,009	0,123	FALSE
0,074	0,305	0,002	0,009	0,092	FALSE
-0,110	0,298	-0,003	0,009	0,162	FALSE
-0,095	0,306	-0,003	0,009	0,152	FALSE
0,037	0,292	0,001	0,006	0,061	FALSE
-0,070	0,303	-0,003	0,011	0,113	FALSE
-0,084	0,293	-0,004	0,011	0,139	FALSE
-0,007	0,300	0,000	0,009	0,013	FALSE
0,051	0,305	0,002	0,010	0,094	FALSE
0,155	0,290	0,006	0,012	0,217	FALSE
0,030	0,303	0,001	0,008	0,039	FALSE
0,050	0,305	0,002	0,010	0,058	FALSE
0,061	0,305	0,002	0,011	0,056	FALSE
0,025	0,307	0,001	0,008	0,049	FALSE
0,117	0,307	0,003	0,009	0,135	FALSE
0,114	0,302	0,003	0,008	0,136	FALSE
0,072	0,304	0,002	0,009	0,081	FALSE
0,038	0,301	0,002	0,011	0,053	FALSE
-0,043	0,319	-0,001	0,008	0,034	FALSE
0,022	0,314	0,001	0,008	0,049	FALSE
-0,039	0,302	-0,003	0,013	0,094	FALSE
0,009	0,312	0,000	0,008	0,007	FALSE
-0,096	0,291	-0,002	0,007	0,124	FALSE
-0,102	0,310	-0,003	0,010	0,125	FALSE
0,010	0,308	0,000	0,012	0,007	FALSE
0,050	0,294	0,003	0,013	0,084	FALSE
0,133	0,308	0,003	0,009	0,156	FALSE
0,000	0,300	0,000	0,010	0,018	FALSE
0,013	0,317	0,000	0,011	0,015	FALSE
0,138	0,297	0,004	0,007	0,246	FALSE
0,047	0,303	0,001	0,011	0,023	FALSE
0,006	0,289	0,001	0,008	0,024	FALSE
0,002	0,324	0,000	0,008	0,012	FALSE
-0,084	0,305	-0,003	0,013	0,100	FALSE
-0,067	0,302	-0,004	0,013	0,112	FALSE
0,028	0,320	0,001	0,009	0,060	FALSE
0,013	0,305	0,001	0,012	0,028	FALSE
-0,015	0,307	-0,001	0,012	0,022	FALSE
-0,041	0,312	0,000	0,007	0,020	FALSE
0,094	0,304	0,003	0,009	0,139	FALSE
-0,038	0,316	-0,001	0,008	0,028	FALSE

0,019	0,319	0,001	0,007	0,050	FALSE
0,065	0,310	0,003	0,012	0,084	FALSE
0,079	0,292	0,003	0,010	0,116	FALSE
-0,052	0,316	-0,001	0,007	0,076	FALSE
-0,046	0,310	-0,001	0,007	0,070	FALSE
-0,036	0,314	-0,001	0,009	0,032	FALSE
0,028	0,315	0,001	0,008	0,061	FALSE
0,006	0,314	0,000	0,006	0,009	FALSE
-0,064	0,311	-0,002	0,008	0,078	FALSE
0,037	0,312	0,001	0,012	0,041	FALSE
0,043	0,293	0,001	0,009	0,043	FALSE
-0,050	0,312	-0,002	0,009	0,083	FALSE
-0,143	0,300	-0,004	0,007	0,227	FALSE
-0,024	0,308	-0,001	0,010	0,031	FALSE
-0,015	0,317	0,000	0,010	0,009	FALSE
0,012	0,307	0,000	0,012	0,001	FALSE
-0,011	0,320	-0,001	0,011	0,033	FALSE
-0,032	0,322	-0,001	0,008	0,030	FALSE
-0,096	0,287	-0,002	0,008	0,113	FALSE
-0,021	0,310	-0,001	0,013	0,041	FALSE
0,064	0,314	0,001	0,013	0,042	FALSE
0,098	0,298	0,002	0,007	0,127	FALSE
0,125	0,294	0,003	0,008	0,160	FALSE
-0,151	0,296	-0,004	0,008	0,203	FALSE
0,003	0,317	-0,001	0,008	0,022	FALSE
0,033	0,305	0,001	0,013	0,034	FALSE
-0,019	0,305	0,000	0,013	0,003	FALSE
0,004	0,312	0,000	0,009	0,010	FALSE
0,040	0,305	0,001	0,011	0,047	FALSE
-0,081	0,306	-0,002	0,008	0,098	FALSE
0,098	0,311	0,004	0,011	0,132	FALSE
0,020	0,302	0,000	0,007	0,011	FALSE
0,019	0,325	0,001	0,013	0,029	FALSE
-0,071	0,322	-0,004	0,013	0,107	FALSE
0,006	0,326	0,000	0,007	0,008	FALSE
0,071	0,303	0,001	0,008	0,066	FALSE
0,021	0,300	0,002	0,010	0,058	FALSE
0,028	0,309	0,001	0,008	0,062	FALSE
-0,044	0,305	-0,001	0,011	0,028	FALSE
-0,041	0,308	-0,002	0,011	0,056	FALSE
-0,048	0,310	-0,001	0,009	0,059	FALSE
0,010	0,307	0,000	0,008	0,013	FALSE
-0,072	0,314	-0,002	0,008	0,080	FALSE
-0,030	0,324	-0,001	0,008	0,028	FALSE
-0,079	0,312	-0,001	0,006	0,085	FALSE
0,104	0,313	0,003	0,007	0,160	FALSE
-0,084	0,315	-0,004	0,012	0,122	FALSE
-0,073	0,309	-0,003	0,012	0,102	FALSE
-0,120	0,305	-0,004	0,009	0,173	FALSE
-0,036	0,303	-0,001	0,013	0,022	FALSE
0,048	0,310	0,001	0,007	0,067	FALSE
-0,046	0,298	-0,002	0,010	0,063	FALSE
-0,052	0,309	-0,002	0,013	0,058	FALSE

0,005	0,313	0,000	0,009	0,007	FALSE
-0,049	0,322	-0,001	0,007	0,071	FALSE
0,130	0,303	0,003	0,007	0,205	FALSE
-0,026	0,318	-0,001	0,008	0,047	FALSE
-0,035	0,312	-0,001	0,010	0,029	FALSE
-0,082	0,305	-0,003	0,012	0,089	FALSE
0,027	0,322	0,001	0,007	0,033	FALSE
0,151	0,289	0,005	0,010	0,210	FALSE
0,053	0,314	0,001	0,007	0,069	FALSE
0,005	0,311	0,000	0,010	0,009	FALSE
0,024	0,304	0,001	0,006	0,028	FALSE
0,016	0,297	0,000	0,007	0,010	FALSE
0,099	0,298	0,003	0,012	0,106	FALSE
-0,010	0,305	0,000	0,008	0,018	FALSE
0,022	0,315	0,000	0,012	0,001	FALSE
0,034	0,313	0,002	0,012	0,054	FALSE
0,007	0,318	0,000	0,007	0,023	FALSE
-0,070	0,315	-0,002	0,009	0,083	FALSE
0,105	0,294	0,003	0,013	0,102	FALSE
-0,073	0,311	-0,002	0,013	0,049	FALSE
0,042	0,327	0,001	0,007	0,058	FALSE
0,035	0,292	0,002	0,009	0,074	FALSE
0,066	0,297	0,002	0,010	0,094	FALSE
0,020	0,316	0,000	0,007	0,011	FALSE
-0,097	0,295	-0,002	0,008	0,111	FALSE
-0,054	0,306	-0,002	0,008	0,075	FALSE
0,017	0,307	0,000	0,011	0,013	FALSE
-0,046	0,323	-0,001	0,009	0,054	FALSE
-0,098	0,291	-0,003	0,009	0,123	FALSE
-0,112	0,299	-0,003	0,009	0,133	FALSE
0,029	0,319	0,001	0,012	0,031	FALSE
0,119	0,294	0,003	0,007	0,146	FALSE
0,058	0,317	0,001	0,007	0,064	FALSE
0,059	0,313	0,001	0,007	0,062	FALSE
0,031	0,312	0,001	0,011	0,021	FALSE
-0,083	0,303	-0,004	0,010	0,143	FALSE
-0,008	0,309	0,000	0,012	0,013	FALSE
-0,037	0,307	0,000	0,007	0,024	FALSE
0,117	0,304	0,005	0,012	0,173	FALSE
0,010	0,316	0,001	0,010	0,025	FALSE
0,007	0,290	0,001	0,008	0,031	FALSE
-0,005	0,320	0,000	0,008	0,003	FALSE
0,117	0,293	0,004	0,013	0,141	FALSE
-0,109	0,310	-0,003	0,009	0,145	FALSE
0,081	0,316	0,002	0,007	0,108	FALSE
-0,030	0,306	-0,001	0,013	0,022	FALSE
-0,031	0,310	-0,001	0,007	0,031	FALSE
-0,117	0,308	-0,004	0,010	0,182	FALSE
0,009	0,303	0,000	0,010	0,006	FALSE
0,090	0,317	0,003	0,007	0,151	FALSE
-0,005	0,302	0,000	0,007	0,019	FALSE
0,041	0,296	0,001	0,012	0,040	FALSE
0,000	0,305	0,000	0,008	0,009	FALSE

0,053	0,316	0,002	0,009	0,090	FALSE
0,068	0,306	0,002	0,008	0,089	FALSE
-0,028	0,302	-0,001	0,007	0,051	FALSE
-0,046	0,319	-0,001	0,006	0,064	FALSE
-0,025	0,301	0,000	0,009	0,016	FALSE
-0,023	0,296	-0,001	0,011	0,025	FALSE
-0,015	0,311	0,000	0,010	0,017	FALSE
0,078	0,303	0,002	0,007	0,088	FALSE
0,001	0,313	0,000	0,012	0,001	FALSE
0,034	0,305	0,001	0,012	0,034	FALSE
0,053	0,306	0,001	0,010	0,051	FALSE
0,000	0,317	0,000	0,007	0,003	FALSE
0,102	0,299	0,002	0,006	0,137	FALSE
-0,034	0,297	-0,002	0,012	0,065	FALSE
-0,093	0,310	-0,003	0,008	0,137	FALSE
0,052	0,299	0,001	0,007	0,051	FALSE
0,032	0,317	0,001	0,007	0,058	FALSE
-0,086	0,305	-0,003	0,013	0,104	FALSE
-0,038	0,302	0,000	0,012	0,010	FALSE
-0,006	0,306	-0,001	0,009	0,048	FALSE
0,020	0,300	0,000	0,007	0,024	FALSE
0,107	0,289	0,005	0,012	0,177	FALSE
-0,024	0,299	0,000	0,011	0,002	FALSE
0,044	0,302	0,002	0,013	0,058	FALSE
-0,013	0,296	0,000	0,007	0,015	FALSE
0,079	0,318	0,002	0,010	0,094	FALSE
0,148	0,308	0,003	0,008	0,162	FALSE
-0,027	0,305	-0,001	0,012	0,027	FALSE
0,009	0,299	0,000	0,008	0,014	FALSE
0,016	0,312	0,001	0,012	0,026	FALSE
-0,057	0,315	-0,001	0,010	0,048	FALSE
-0,011	0,294	0,001	0,010	0,023	FALSE
-0,120	0,308	-0,004	0,010	0,144	FALSE
0,020	0,292	0,000	0,008	0,008	FALSE
0,018	0,318	0,002	0,011	0,060	FALSE
-0,004	0,313	0,000	0,007	0,005	FALSE
-0,017	0,304	-0,001	0,013	0,042	FALSE
-0,036	0,302	-0,001	0,007	0,061	FALSE
-0,018	0,294	0,000	0,010	0,014	FALSE
-0,050	0,309	-0,002	0,008	0,088	FALSE
-0,084	0,318	-0,001	0,007	0,082	FALSE
-0,097	0,297	-0,005	0,012	0,166	FALSE
-0,021	0,301	0,000	0,007	0,008	FALSE
-0,002	0,309	0,001	0,011	0,032	FALSE
0,066	0,311	0,003	0,012	0,095	FALSE
-0,066	0,288	-0,002	0,012	0,051	FALSE
0,059	0,313	0,001	0,007	0,068	FALSE
0,039	0,316	0,001	0,007	0,029	FALSE
0,022	0,298	0,000	0,011	0,011	FALSE
0,071	0,309	0,003	0,011	0,093	FALSE
-0,052	0,308	-0,002	0,012	0,066	FALSE
0,168	0,314	0,006	0,012	0,221	FALSE
0,173	0,302	0,007	0,013	0,243	FALSE

0,011	0,307	0,001	0,011	0,031	FALSE
-0,106	0,293	-0,005	0,012	0,166	FALSE
0,000	0,312	0,000	0,006	0,010	FALSE
-0,026	0,312	-0,001	0,007	0,056	FALSE
-0,012	0,292	-0,001	0,007	0,038	FALSE
-0,119	0,294	-0,004	0,010	0,159	FALSE
0,052	0,312	0,001	0,008	0,029	FALSE
-0,013	0,308	0,000	0,007	0,003	FALSE
0,096	0,305	0,004	0,012	0,120	FALSE
0,086	0,311	0,002	0,007	0,144	FALSE
0,110	0,291	0,005	0,013	0,152	FALSE
0,189	0,304	0,007	0,012	0,257	FALSE
-0,160	0,303	-0,005	0,010	0,220	FALSE
-0,117	0,310	-0,003	0,007	0,151	FALSE
0,082	0,305	0,003	0,013	0,104	FALSE
-0,134	0,294	-0,006	0,013	0,194	FALSE
-0,098	0,302	-0,002	0,006	0,135	FALSE
0,079	0,296	0,002	0,007	0,127	FALSE
0,091	0,307	0,003	0,007	0,146	FALSE
-0,093	0,296	-0,004	0,012	0,135	FALSE
0,007	0,287	0,001	0,009	0,022	FALSE
0,018	0,313	0,001	0,007	0,041	FALSE
0,085	0,314	0,004	0,012	0,127	FALSE
0,103	0,304	0,003	0,008	0,155	FALSE
0,097	0,300	0,005	0,012	0,168	FALSE
-0,008	0,297	0,000	0,007	0,011	FALSE
0,063	0,297	0,002	0,008	0,111	FALSE
-0,014	0,290	0,000	0,007	0,025	FALSE
-0,026	0,308	0,000	0,008	0,010	FALSE
-0,130	0,300	-0,005	0,012	0,181	FALSE
0,061	0,315	0,002	0,009	0,074	FALSE
-0,074	0,318	-0,002	0,010	0,067	FALSE
0,201	0,296	0,006	0,009	0,284	FALSE
0,132	0,313	0,003	0,008	0,160	FALSE
-0,032	0,302	-0,001	0,011	0,040	FALSE
0,123	0,303	0,004	0,009	0,185	FALSE
-0,046	0,317	-0,002	0,013	0,052	FALSE
0,020	0,325	0,001	0,012	0,022	FALSE
0,047	0,300	0,002	0,008	0,074	FALSE
-0,122	0,288	-0,004	0,008	0,181	FALSE
0,013	0,319	0,000	0,013	0,007	FALSE
0,039	0,297	0,001	0,012	0,043	FALSE
0,082	0,302	0,004	0,013	0,113	FALSE
-0,056	0,303	-0,001	0,006	0,047	FALSE
0,157	0,317	0,006	0,013	0,201	FALSE
0,000	0,301	0,000	0,008	0,014	FALSE
-0,030	0,276	-0,001	0,010	0,045	FALSE
0,006	0,328	0,001	0,012	0,016	FALSE
0,004	0,311	0,000	0,008	0,008	FALSE
0,010	0,298	-0,001	0,009	0,024	FALSE
0,007	0,306	0,000	0,012	0,005	FALSE
-0,019	0,304	0,000	0,011	0,015	FALSE
0,042	0,312	0,001	0,011	0,039	FALSE

0,037	0,308	0,001	0,007	0,050	FALSE
-0,070	0,299	-0,003	0,011	0,117	FALSE
-0,074	0,310	-0,002	0,009	0,100	FALSE
0,054	0,301	0,001	0,009	0,046	FALSE
-0,020	0,305	0,000	0,007	0,006	FALSE
-0,122	0,317	-0,005	0,011	0,169	FALSE
0,001	0,311	0,000	0,008	0,003	FALSE
0,063	0,315	0,002	0,011	0,076	FALSE
-0,083	0,328	-0,002	0,009	0,085	FALSE
0,011	0,307	0,000	0,011	0,007	FALSE
-0,008	0,297	-0,001	0,011	0,037	FALSE
0,013	0,312	0,001	0,008	0,027	FALSE
-0,031	0,304	-0,001	0,010	0,044	FALSE
0,152	0,305	0,003	0,006	0,208	FALSE
0,077	0,302	0,002	0,008	0,103	FALSE
0,019	0,315	0,000	0,008	0,017	FALSE
0,032	0,309	0,000	0,010	0,012	FALSE
0,041	0,307	0,002	0,012	0,049	FALSE
0,068	0,291	0,003	0,009	0,110	FALSE
-0,028	0,316	-0,001	0,008	0,028	FALSE
0,053	0,311	0,001	0,010	0,052	FALSE
-0,086	0,307	-0,003	0,010	0,107	FALSE
-0,145	0,300	-0,006	0,011	0,207	FALSE
0,087	0,299	0,001	0,006	0,077	FALSE
0,189	0,293	0,009	0,012	0,313	FALSE
0,102	0,307	0,003	0,008	0,150	FALSE
-0,074	0,309	-0,002	0,007	0,086	FALSE
0,010	0,310	0,001	0,012	0,020	FALSE
-0,114	0,295	-0,005	0,011	0,166	FALSE
0,115	0,305	0,003	0,008	0,164	FALSE
-0,138	0,304	-0,006	0,011	0,206	FALSE
0,168	0,295	0,004	0,007	0,236	FALSE
-0,034	0,318	-0,001	0,012	0,032	FALSE
-0,077	0,309	-0,003	0,011	0,094	FALSE
0,029	0,313	0,001	0,008	0,026	FALSE
0,058	0,316	0,001	0,010	0,052	FALSE
0,072	0,291	0,002	0,007	0,108	FALSE
-0,078	0,292	-0,004	0,012	0,130	FALSE
-0,048	0,319	-0,001	0,008	0,042	FALSE
0,149	0,310	0,004	0,009	0,201	FALSE
0,004	0,312	0,000	0,012	0,004	FALSE
-0,168	0,289	-0,008	0,012	0,307	FALSE
0,129	0,319	0,006	0,013	0,173	FALSE
0,006	0,309	-0,001	0,012	0,027	FALSE
-0,130	0,303	-0,006	0,012	0,193	FALSE
-0,008	0,315	-0,001	0,012	0,043	FALSE
-0,025	0,301	-0,002	0,012	0,049	FALSE
0,026	0,309	0,000	0,012	0,013	FALSE
-0,028	0,297	-0,001	0,011	0,030	FALSE
-0,064	0,313	-0,002	0,011	0,086	FALSE
0,015	0,307	0,000	0,008	0,004	FALSE
-0,124	0,305	-0,005	0,012	0,151	FALSE
-0,068	0,307	-0,001	0,007	0,041	FALSE

0,123	0,303	0,005	0,010	0,192	FALSE
0,041	0,319	0,000	0,012	0,007	FALSE
-0,054	0,301	-0,001	0,012	0,036	FALSE
-0,020	0,314	0,000	0,009	0,016	FALSE
-0,012	0,299	-0,001	0,012	0,031	FALSE
0,118	0,308	0,004	0,011	0,157	FALSE
-0,002	0,313	0,000	0,007	0,003	FALSE
0,109	0,307	0,003	0,008	0,148	FALSE
-0,037	0,310	-0,001	0,006	0,039	FALSE
0,022	0,310	0,000	0,006	0,010	FALSE
-0,037	0,314	-0,001	0,010	0,046	FALSE
0,062	0,304	0,002	0,008	0,082	FALSE
-0,076	0,316	-0,003	0,011	0,100	FALSE
0,044	0,303	0,002	0,012	0,074	FALSE
0,024	0,320	0,001	0,012	0,022	FALSE
0,040	0,309	0,002	0,012	0,071	FALSE
-0,029	0,303	-0,001	0,012	0,033	FALSE
-0,022	0,299	0,000	0,008	0,022	FALSE
0,078	0,319	0,003	0,013	0,094	FALSE
-0,140	0,317	-0,005	0,009	0,222	FALSE
-0,021	0,302	0,000	0,007	0,010	FALSE
-0,142	0,295	-0,005	0,011	0,194	FALSE
0,006	0,312	-0,001	0,010	0,033	FALSE
-0,067	0,309	-0,003	0,011	0,096	FALSE
0,123	0,291	0,003	0,006	0,182	FALSE
0,037	0,312	0,001	0,009	0,032	FALSE
0,021	0,314	0,000	0,010	0,012	FALSE
-0,055	0,305	-0,001	0,006	0,034	FALSE
-0,135	0,314	-0,003	0,007	0,187	FALSE
-0,056	0,294	-0,001	0,006	0,078	FALSE
-0,039	0,297	-0,001	0,006	0,054	FALSE
0,074	0,316	0,003	0,013	0,094	FALSE
0,190	0,301	0,008	0,012	0,291	FALSE
-0,146	0,302	-0,005	0,010	0,193	FALSE
0,168	0,304	0,005	0,009	0,237	FALSE
0,035	0,299	0,001	0,006	0,087	FALSE
0,106	0,298	0,004	0,012	0,122	FALSE
0,018	0,308	0,000	0,007	0,020	FALSE
0,014	0,309	0,000	0,008	0,014	FALSE
-0,021	0,315	-0,001	0,007	0,038	FALSE
0,067	0,316	0,002	0,012	0,073	FALSE
0,049	0,319	0,001	0,007	0,056	FALSE
-0,060	0,308	-0,001	0,009	0,033	FALSE
0,073	0,317	0,003	0,013	0,092	FALSE
-0,017	0,307	0,000	0,007	0,014	FALSE
0,054	0,307	0,002	0,012	0,056	FALSE
0,033	0,303	0,001	0,013	0,027	FALSE
-0,038	0,312	-0,001	0,012	0,042	FALSE
0,043	0,302	0,002	0,007	0,091	FALSE
0,048	0,312	0,001	0,010	0,048	FALSE
0,067	0,307	0,003	0,010	0,099	FALSE
-0,008	0,303	0,000	0,008	0,007	FALSE
0,000	0,310	0,000	0,007	0,012	FALSE

-0,045	0,305	-0,001	0,006	0,065	FALSE
-0,141	0,301	-0,005	0,011	0,175	FALSE
0,053	0,302	0,002	0,007	0,091	FALSE
-0,077	0,312	-0,003	0,011	0,091	FALSE
-0,055	0,318	-0,002	0,007	0,085	FALSE
0,010	0,289	0,000	0,007	0,021	FALSE
-0,098	0,319	-0,002	0,007	0,120	FALSE
-0,064	0,294	-0,001	0,006	0,068	FALSE
0,024	0,306	0,001	0,011	0,034	FALSE
-0,161	0,303	-0,008	0,013	0,287	FALSE
0,067	0,312	0,002	0,008	0,080	FALSE
0,008	0,317	0,000	0,007	0,006	FALSE
-0,011	0,300	0,000	0,007	0,014	FALSE
-0,100	0,307	-0,005	0,013	0,145	FALSE
-0,163	0,312	-0,006	0,012	0,201	FALSE
0,053	0,307	0,001	0,006	0,064	FALSE
-0,162	0,305	-0,003	0,006	0,211	FALSE
-0,073	0,297	-0,002	0,008	0,083	FALSE
0,018	0,314	0,000	0,008	0,012	FALSE
-0,060	0,304	-0,002	0,010	0,073	FALSE
-0,102	0,308	-0,004	0,012	0,151	FALSE
-0,008	0,308	0,000	0,010	0,016	FALSE
-0,070	0,305	-0,002	0,009	0,080	FALSE
0,071	0,316	0,002	0,011	0,051	FALSE
-0,095	0,307	-0,004	0,011	0,126	FALSE
0,054	0,308	0,001	0,009	0,027	FALSE
-0,098	0,304	-0,003	0,008	0,130	FALSE
0,069	0,303	0,002	0,010	0,074	FALSE
-0,022	0,303	-0,001	0,010	0,030	FALSE
0,052	0,304	0,001	0,008	0,044	FALSE
-0,053	0,308	-0,003	0,011	0,086	FALSE
-0,029	0,298	-0,001	0,010	0,044	FALSE
-0,087	0,305	-0,004	0,011	0,170	FALSE
0,037	0,310	0,001	0,008	0,052	FALSE
-0,003	0,316	0,001	0,012	0,022	FALSE
0,061	0,312	0,002	0,009	0,098	FALSE
0,085	0,314	0,002	0,011	0,074	FALSE
-0,038	0,316	-0,001	0,009	0,040	FALSE
0,072	0,318	0,002	0,009	0,095	FALSE
-0,114	0,304	-0,003	0,009	0,137	FALSE
-0,021	0,299	0,000	0,009	0,001	FALSE
-0,075	0,308	-0,002	0,008	0,088	FALSE
-0,100	0,306	-0,003	0,008	0,135	FALSE
-0,139	0,293	-0,003	0,007	0,182	FALSE
0,119	0,302	0,006	0,012	0,195	FALSE
-0,009	0,321	0,000	0,008	0,012	FALSE
-0,057	0,316	-0,001	0,010	0,048	FALSE
-0,027	0,309	-0,001	0,007	0,053	FALSE
-0,041	0,308	-0,001	0,007	0,033	FALSE
-0,024	0,300	0,000	0,006	0,025	FALSE
0,034	0,298	0,001	0,008	0,062	FALSE
0,025	0,296	0,002	0,012	0,049	FALSE
0,079	0,311	0,004	0,013	0,133	FALSE

-0,054	0,305	-0,001	0,007	0,034	FALSE
0,131	0,293	0,004	0,010	0,193	FALSE
-0,136	0,310	-0,004	0,009	0,168	FALSE
0,087	0,312	0,003	0,013	0,096	FALSE
0,099	0,311	0,004	0,012	0,120	FALSE
0,136	0,299	0,005	0,013	0,171	FALSE
-0,036	0,305	-0,001	0,012	0,040	FALSE
-0,122	0,305	-0,005	0,012	0,174	FALSE
0,018	0,304	0,000	0,006	0,009	FALSE
-0,127	0,297	-0,004	0,009	0,191	FALSE
-0,125	0,307	-0,004	0,009	0,185	FALSE
-0,087	0,310	-0,003	0,008	0,121	FALSE
0,010	0,316	0,000	0,012	0,006	FALSE
-0,018	0,319	-0,001	0,007	0,028	FALSE
0,044	0,304	0,002	0,012	0,076	FALSE
0,020	0,323	0,002	0,013	0,062	FALSE
0,033	0,311	0,003	0,012	0,082	FALSE
-0,016	0,303	-0,001	0,008	0,061	FALSE
-0,066	0,321	-0,001	0,010	0,049	FALSE
-0,138	0,319	-0,003	0,008	0,160	FALSE
-0,094	0,327	-0,004	0,013	0,108	FALSE
-0,021	0,308	-0,001	0,009	0,027	FALSE
-0,031	0,307	0,000	0,007	0,023	FALSE
-0,129	0,309	-0,004	0,012	0,135	FALSE
-0,009	0,300	0,001	0,013	0,020	FALSE
0,184	0,306	0,004	0,007	0,221	FALSE
0,029	0,308	0,000	0,007	0,013	FALSE
-0,035	0,307	-0,002	0,013	0,073	FALSE
-0,006	0,310	0,000	0,006	0,004	FALSE
-0,041	0,297	0,000	0,007	0,017	FALSE
-0,051	0,302	-0,001	0,007	0,044	FALSE
-0,070	0,288	-0,002	0,010	0,078	FALSE
-0,062	0,310	-0,002	0,013	0,071	FALSE
-0,040	0,309	-0,001	0,013	0,039	FALSE
-0,026	0,298	-0,001	0,012	0,026	FALSE
-0,065	0,295	-0,003	0,012	0,081	FALSE
-0,014	0,305	-0,001	0,011	0,025	FALSE
-0,014	0,303	0,001	0,013	0,027	FALSE
-0,055	0,314	-0,001	0,010	0,047	FALSE
0,057	0,301	0,002	0,012	0,077	FALSE
-0,119	0,299	-0,003	0,008	0,168	FALSE
-0,088	0,309	-0,003	0,011	0,115	FALSE
0,029	0,299	0,001	0,006	0,039	FALSE
0,011	0,300	0,000	0,011	0,001	FALSE
-0,013	0,305	0,000	0,009	0,016	FALSE
0,005	0,323	0,001	0,011	0,031	FALSE
-0,053	0,300	-0,001	0,007	0,052	FALSE
0,038	0,308	0,001	0,007	0,046	FALSE
0,060	0,313	0,002	0,009	0,088	FALSE
0,049	0,312	0,001	0,011	0,042	FALSE
-0,117	0,307	-0,004	0,013	0,129	FALSE
-0,107	0,308	-0,004	0,012	0,112	FALSE
-0,095	0,296	-0,003	0,012	0,102	FALSE

0,008	0,306	0,001	0,011	0,017	FALSE
0,124	0,290	0,005	0,012	0,181	FALSE
-0,079	0,321	-0,002	0,009	0,095	FALSE
0,038	0,304	0,001	0,007	0,049	FALSE
0,061	0,329	0,001	0,009	0,053	FALSE
0,066	0,310	0,002	0,007	0,081	FALSE
0,202	0,298	0,008	0,011	0,326	FALSE
-0,076	0,310	-0,002	0,008	0,087	FALSE
0,014	0,292	0,001	0,007	0,057	FALSE
0,099	0,309	0,004	0,012	0,123	FALSE
0,036	0,304	0,001	0,009	0,061	FALSE
0,027	0,307	0,000	0,013	0,001	FALSE
-0,019	0,307	-0,002	0,012	0,055	FALSE
0,109	0,302	0,004	0,010	0,160	FALSE
-0,044	0,309	-0,002	0,010	0,067	FALSE
-0,004	0,308	0,000	0,011	0,014	FALSE
-0,003	0,303	0,000	0,008	0,016	FALSE
0,075	0,300	0,002	0,008	0,127	FALSE
0,106	0,302	0,004	0,008	0,181	FALSE
-0,033	0,297	-0,002	0,012	0,051	FALSE
-0,033	0,305	-0,002	0,012	0,053	FALSE
0,101	0,308	0,002	0,008	0,110	FALSE
-0,085	0,304	-0,002	0,009	0,106	FALSE
0,064	0,305	0,001	0,006	0,073	FALSE
-0,029	0,302	-0,001	0,011	0,048	FALSE
-0,040	0,314	-0,002	0,012	0,071	FALSE
0,091	0,299	0,003	0,010	0,131	FALSE
-0,162	0,301	-0,004	0,007	0,238	FALSE
-0,055	0,298	-0,002	0,012	0,068	FALSE
-0,037	0,307	-0,002	0,011	0,057	FALSE
0,039	0,295	0,001	0,007	0,056	FALSE
0,007	0,311	0,000	0,012	0,006	FALSE
0,061	0,314	0,002	0,012	0,080	FALSE
0,065	0,310	0,002	0,009	0,064	FALSE
0,069	0,309	0,003	0,011	0,114	FALSE
-0,078	0,313	-0,003	0,012	0,104	FALSE
-0,174	0,297	-0,005	0,008	0,273	FALSE
-0,097	0,298	-0,002	0,008	0,119	FALSE
0,007	0,308	0,000	0,013	0,012	FALSE
-0,195	0,293	-0,005	0,008	0,263	FALSE
-0,062	0,298	-0,002	0,010	0,073	FALSE
-0,017	0,305	0,000	0,006	0,007	FALSE
0,020	0,323	0,000	0,011	0,015	FALSE
-0,068	0,302	-0,003	0,010	0,116	FALSE
0,057	0,302	0,001	0,007	0,061	FALSE
-0,088	0,324	-0,004	0,013	0,134	FALSE
0,025	0,309	0,000	0,010	0,014	FALSE
0,097	0,313	0,004	0,013	0,105	FALSE
-0,032	0,294	0,000	0,006	0,006	FALSE
0,060	0,304	0,002	0,012	0,047	FALSE
-0,099	0,314	-0,004	0,010	0,160	FALSE
0,028	0,288	0,000	0,009	0,005	FALSE
0,063	0,314	0,004	0,012	0,110	FALSE

-0,069	0,300	-0,003	0,011	0,098	FALSE
-0,020	0,318	0,000	0,009	0,013	FALSE
-0,043	0,300	-0,002	0,012	0,073	FALSE
0,108	0,289	0,002	0,007	0,117	FALSE
0,010	0,286	0,000	0,008	0,017	FALSE
-0,017	0,281	0,000	0,013	0,014	FALSE
-0,006	0,303	-0,001	0,012	0,031	FALSE
0,030	0,311	0,001	0,013	0,019	FALSE
0,033	0,290	0,002	0,012	0,055	FALSE
-0,018	0,303	0,001	0,009	0,027	FALSE
-0,042	0,311	-0,002	0,008	0,076	FALSE
-0,074	0,306	-0,002	0,008	0,098	FALSE
-0,031	0,314	-0,001	0,007	0,031	FALSE
0,164	0,298	0,004	0,007	0,261	FALSE
-0,008	0,307	-0,001	0,008	0,029	FALSE
-0,051	0,310	-0,001	0,007	0,068	FALSE
0,208	0,293	0,006	0,008	0,360	FALSE
-0,054	0,315	-0,002	0,010	0,083	FALSE
-0,053	0,302	-0,002	0,010	0,073	FALSE
-0,071	0,314	-0,003	0,011	0,105	FALSE
0,074	0,312	0,003	0,010	0,098	FALSE
0,014	0,310	0,001	0,011	0,030	FALSE
0,059	0,297	0,001	0,006	0,071	FALSE
-0,081	0,320	-0,003	0,012	0,110	FALSE
-0,068	0,294	-0,001	0,006	0,069	FALSE
-0,127	0,297	-0,004	0,008	0,198	FALSE
-0,066	0,300	-0,001	0,008	0,047	FALSE
-0,135	0,305	-0,005	0,013	0,172	FALSE
0,075	0,313	0,003	0,012	0,083	FALSE
0,022	0,306	0,000	0,006	0,020	FALSE
0,016	0,300	0,001	0,013	0,014	FALSE
0,071	0,306	0,002	0,008	0,110	FALSE
0,113	0,306	0,004	0,010	0,151	FALSE
0,137	0,307	0,005	0,010	0,184	FALSE
0,054	0,314	0,002	0,012	0,065	FALSE
0,006	0,303	0,001	0,010	0,042	FALSE
0,009	0,300	0,001	0,009	0,033	FALSE
0,043	0,317	0,001	0,008	0,064	FALSE
0,171	0,304	0,006	0,010	0,286	FALSE
-0,005	0,303	-0,001	0,012	0,023	FALSE
-0,006	0,299	-0,001	0,012	0,028	FALSE
0,037	0,313	0,002	0,007	0,105	FALSE
-0,075	0,310	-0,002	0,010	0,087	FALSE
0,107	0,310	0,004	0,008	0,180	FALSE
0,146	0,305	0,004	0,010	0,164	FALSE
0,086	0,308	0,003	0,012	0,084	FALSE
0,048	0,326	0,001	0,008	0,066	FALSE
0,072	0,314	0,002	0,008	0,098	FALSE
0,043	0,293	0,001	0,006	0,050	FALSE
0,065	0,308	0,002	0,008	0,076	FALSE
-0,051	0,309	-0,002	0,011	0,079	FALSE
0,040	0,297	0,003	0,012	0,082	FALSE
-0,017	0,294	0,000	0,010	0,013	FALSE

-0,149	0,303	-0,003	0,007	0,196	FALSE
-0,082	0,314	-0,002	0,007	0,090	FALSE
-0,029	0,307	-0,001	0,012	0,032	FALSE
-0,016	0,299	-0,001	0,012	0,016	FALSE
-0,066	0,313	-0,003	0,011	0,095	FALSE
-0,019	0,307	0,000	0,008	0,009	FALSE
0,161	0,298	0,005	0,010	0,227	FALSE
0,084	0,293	0,003	0,011	0,098	FALSE
-0,185	0,311	-0,006	0,012	0,239	FALSE
0,052	0,308	0,001	0,006	0,083	FALSE
-0,141	0,313	-0,003	0,008	0,167	FALSE
-0,040	0,313	-0,002	0,012	0,079	FALSE
-0,032	0,306	-0,002	0,012	0,060	FALSE
-0,010	0,308	0,000	0,012	0,001	FALSE
-0,016	0,302	-0,001	0,009	0,044	FALSE
-0,033	0,311	-0,001	0,009	0,029	FALSE
-0,034	0,304	0,000	0,006	0,004	FALSE
-0,025	0,316	-0,001	0,010	0,030	FALSE
-0,029	0,307	-0,001	0,010	0,027	FALSE
0,092	0,300	0,003	0,011	0,114	FALSE
0,072	0,308	0,002	0,009	0,094	FALSE
-0,042	0,299	-0,002	0,012	0,072	FALSE
0,009	0,304	0,000	0,012	0,003	FALSE
-0,001	0,305	0,000	0,011	0,006	FALSE
-0,086	0,293	-0,005	0,013	0,158	FALSE
-0,090	0,295	-0,002	0,008	0,115	FALSE
-0,035	0,301	0,000	0,007	0,009	FALSE
-0,050	0,296	-0,002	0,010	0,091	FALSE
-0,002	0,302	0,001	0,010	0,028	FALSE
0,083	0,304	0,004	0,011	0,134	FALSE
0,071	0,320	0,003	0,011	0,089	FALSE
-0,045	0,305	-0,002	0,013	0,071	FALSE
0,050	0,303	0,001	0,007	0,056	FALSE
-0,087	0,309	-0,004	0,012	0,118	FALSE
-0,082	0,305	-0,003	0,011	0,117	FALSE
-0,059	0,307	-0,001	0,008	0,034	FALSE
-0,138	0,302	-0,006	0,011	0,220	FALSE
-0,147	0,314	-0,005	0,012	0,177	FALSE
0,146	0,296	0,004	0,007	0,233	FALSE
0,022	0,307	0,000	0,009	0,019	FALSE
-0,129	0,306	-0,003	0,006	0,183	FALSE
0,106	0,300	0,002	0,008	0,106	FALSE
-0,068	0,317	-0,003	0,013	0,077	FALSE
0,043	0,323	0,001	0,013	0,041	FALSE
-0,046	0,311	-0,002	0,011	0,067	FALSE
-0,025	0,295	0,000	0,007	0,022	FALSE
0,180	0,305	0,007	0,012	0,242	FALSE
0,036	0,297	0,001	0,010	0,033	FALSE
0,157	0,309	0,006	0,012	0,225	FALSE
0,064	0,300	0,002	0,008	0,086	FALSE
0,031	0,314	0,001	0,011	0,026	FALSE
-0,040	0,301	-0,001	0,008	0,039	FALSE
0,025	0,327	0,001	0,012	0,033	FALSE

0,050	0,307	0,003	0,011	0,089	FALSE
0,094	0,308	0,003	0,012	0,109	FALSE
0,000	0,302	0,000	0,008	0,002	FALSE
0,079	0,314	0,003	0,012	0,109	FALSE
-0,081	0,320	-0,004	0,014	0,112	FALSE
0,071	0,293	0,002	0,007	0,123	FALSE
0,071	0,294	0,002	0,007	0,111	FALSE
-0,029	0,299	-0,001	0,007	0,035	FALSE
-0,043	0,297	-0,001	0,009	0,024	FALSE
-0,123	0,316	-0,003	0,009	0,156	FALSE
-0,075	0,307	-0,003	0,011	0,120	FALSE
-0,073	0,314	-0,003	0,011	0,111	FALSE
0,030	0,311	0,001	0,007	0,054	FALSE
-0,122	0,301	-0,004	0,011	0,160	FALSE
0,016	0,305	0,001	0,011	0,019	FALSE
0,002	0,307	0,000	0,008	0,005	FALSE
-0,016	0,311	0,000	0,007	0,015	FALSE
-0,062	0,319	-0,003	0,012	0,090	FALSE
-0,012	0,305	0,000	0,007	0,009	FALSE
-0,012	0,306	0,000	0,006	0,017	FALSE
0,065	0,311	0,001	0,010	0,047	FALSE
-0,224	0,287	-0,006	0,008	0,350	FALSE
-0,033	0,307	-0,001	0,013	0,031	FALSE
-0,051	0,297	-0,001	0,012	0,043	FALSE
-0,093	0,317	-0,004	0,012	0,110	FALSE
-0,040	0,312	-0,001	0,012	0,037	FALSE
0,104	0,312	0,002	0,007	0,144	FALSE
0,036	0,307	0,000	0,006	0,006	FALSE
0,092	0,289	0,003	0,009	0,156	FALSE
-0,080	0,321	-0,003	0,011	0,116	FALSE
0,046	0,309	0,002	0,011	0,075	FALSE
-0,007	0,301	0,000	0,010	0,012	FALSE
0,122	0,312	0,004	0,009	0,182	FALSE
0,112	0,314	0,003	0,009	0,143	FALSE
-0,153	0,306	-0,006	0,013	0,195	FALSE
-0,012	0,315	-0,001	0,012	0,024	FALSE
-0,056	0,298	-0,003	0,012	0,088	FALSE
0,091	0,294	0,002	0,007	0,138	FALSE
0,069	0,328	0,002	0,010	0,068	FALSE
0,078	0,300	0,002	0,006	0,107	FALSE
-0,059	0,313	-0,001	0,007	0,070	FALSE
0,105	0,297	0,003	0,008	0,130	FALSE
0,017	0,294	0,000	0,012	0,009	FALSE
0,019	0,307	0,001	0,010	0,020	FALSE
-0,030	0,296	0,000	0,007	0,023	FALSE
-0,045	0,299	-0,001	0,008	0,064	FALSE
0,043	0,326	0,001	0,011	0,048	FALSE
-0,070	0,319	-0,002	0,007	0,080	FALSE
-0,050	0,302	-0,002	0,011	0,056	FALSE
0,004	0,329	0,001	0,009	0,031	FALSE
0,001	0,308	0,000	0,012	0,007	FALSE
-0,100	0,319	-0,003	0,009	0,120	FALSE
-0,040	0,288	-0,003	0,011	0,092	FALSE

-0,061	0,293	-0,003	0,012	0,106	FALSE
0,010	0,302	0,001	0,010	0,018	FALSE
-0,012	0,291	0,000	0,012	0,008	FALSE
0,120	0,279	0,005	0,012	0,171	FALSE
0,016	0,309	0,000	0,007	0,004	FALSE
0,001	0,296	0,000	0,011	0,014	FALSE
0,063	0,303	0,002	0,008	0,068	FALSE
-0,014	0,317	0,000	0,008	0,004	FALSE
0,098	0,313	0,002	0,009	0,108	FALSE
-0,116	0,301	-0,003	0,008	0,137	FALSE
0,121	0,297	0,003	0,006	0,179	FALSE
-0,089	0,318	-0,002	0,007	0,117	FALSE
0,032	0,311	0,001	0,013	0,034	FALSE
0,045	0,310	0,001	0,013	0,043	FALSE
0,036	0,306	0,001	0,012	0,042	FALSE
0,036	0,307	0,001	0,012	0,039	FALSE
-0,085	0,310	-0,003	0,010	0,116	FALSE
0,025	0,314	0,001	0,007	0,035	FALSE
0,014	0,300	0,001	0,013	0,022	FALSE
-0,083	0,324	-0,003	0,011	0,099	FALSE
-0,041	0,314	-0,001	0,009	0,058	FALSE
-0,024	0,302	0,000	0,013	0,013	FALSE
-0,037	0,305	0,000	0,008	0,020	FALSE
-0,041	0,312	-0,001	0,009	0,035	FALSE
0,028	0,307	0,000	0,009	0,015	FALSE
0,045	0,308	0,001	0,009	0,035	FALSE
0,025	0,289	0,001	0,009	0,020	FALSE
-0,036	0,314	0,000	0,009	0,004	FALSE
0,052	0,306	0,002	0,010	0,054	FALSE
0,039	0,321	0,001	0,010	0,035	FALSE
0,010	0,302	0,001	0,013	0,024	FALSE
0,059	0,310	0,002	0,007	0,098	FALSE
0,018	0,301	0,001	0,008	0,035	FALSE
0,121	0,308	0,003	0,008	0,179	FALSE
-0,106	0,290	-0,003	0,009	0,122	FALSE
0,165	0,302	0,004	0,008	0,243	FALSE
-0,030	0,308	-0,001	0,008	0,049	FALSE
0,058	0,308	0,002	0,012	0,067	FALSE
-0,037	0,308	-0,002	0,009	0,067	FALSE
-0,025	0,308	-0,001	0,008	0,049	FALSE
-0,089	0,307	-0,002	0,008	0,114	FALSE
0,039	0,302	0,001	0,006	0,030	FALSE
-0,125	0,307	-0,005	0,011	0,170	FALSE
-0,022	0,312	-0,001	0,009	0,028	FALSE
0,203	0,288	0,008	0,011	0,312	FALSE
-0,207	0,284	-0,007	0,010	0,337	FALSE
-0,058	0,309	-0,002	0,008	0,077	FALSE
-0,043	0,325	-0,001	0,010	0,055	FALSE
0,034	0,311	0,001	0,013	0,027	FALSE
-0,004	0,315	0,000	0,007	0,003	FALSE
0,093	0,306	0,003	0,012	0,103	FALSE
0,024	0,312	0,001	0,013	0,027	FALSE
0,079	0,313	0,003	0,012	0,107	FALSE

-0,001	0,320	0,000	0,013	0,003	FALSE
-0,032	0,317	-0,001	0,012	0,039	FALSE
-0,053	0,305	-0,002	0,010	0,062	FALSE
0,009	0,296	0,001	0,007	0,027	FALSE
-0,019	0,312	0,000	0,007	0,025	FALSE
-0,046	0,317	-0,001	0,009	0,033	FALSE
0,065	0,308	0,002	0,008	0,087	FALSE
0,008	0,312	0,000	0,007	0,015	FALSE
0,087	0,312	0,002	0,010	0,079	FALSE
-0,020	0,292	0,000	0,006	0,006	FALSE
0,110	0,311	0,003	0,008	0,147	FALSE
0,127	0,308	0,002	0,007	0,128	FALSE
-0,108	0,312	-0,005	0,012	0,170	FALSE
0,071	0,297	0,003	0,012	0,085	FALSE
0,018	0,296	0,001	0,006	0,037	FALSE
0,049	0,302	0,001	0,010	0,046	FALSE
0,130	0,303	0,006	0,013	0,190	FALSE
0,013	0,306	0,000	0,008	0,022	FALSE
0,021	0,306	0,001	0,008	0,041	FALSE
-0,025	0,295	-0,001	0,008	0,036	FALSE
-0,056	0,309	-0,003	0,010	0,102	FALSE
-0,046	0,314	-0,002	0,010	0,088	FALSE
-0,004	0,297	0,001	0,009	0,027	FALSE
0,032	0,316	0,002	0,013	0,058	FALSE
-0,041	0,297	-0,002	0,012	0,067	FALSE
0,081	0,297	0,002	0,008	0,105	FALSE
-0,069	0,306	-0,003	0,009	0,117	FALSE
0,032	0,298	0,001	0,006	0,039	FALSE
-0,064	0,304	-0,002	0,007	0,106	FALSE
-0,053	0,311	-0,002	0,010	0,080	FALSE
-0,175	0,298	-0,008	0,013	0,268	FALSE
-0,216	0,279	-0,008	0,010	0,348	FALSE
-0,190	0,278	-0,007	0,010	0,319	FALSE
-0,066	0,291	-0,003	0,011	0,092	FALSE
0,179	0,300	0,006	0,010	0,295	FALSE
-0,137	0,292	-0,006	0,013	0,185	FALSE
0,089	0,312	0,001	0,007	0,081	FALSE
0,004	0,317	-0,001	0,013	0,028	FALSE
-0,047	0,312	-0,003	0,013	0,090	FALSE
-0,028	0,316	-0,002	0,013	0,044	FALSE
0,104	0,308	0,002	0,007	0,108	FALSE
0,029	0,315	0,001	0,012	0,033	FALSE
0,112	0,314	0,003	0,008	0,160	FALSE
-0,099	0,297	-0,002	0,007	0,117	FALSE
0,037	0,290	0,001	0,006	0,063	FALSE
-0,023	0,317	0,000	0,007	0,008	FALSE
0,001	0,304	0,000	0,010	0,012	FALSE
0,040	0,314	0,001	0,012	0,024	FALSE
0,035	0,315	0,002	0,010	0,055	FALSE
0,083	0,307	0,003	0,009	0,137	FALSE
0,083	0,302	0,004	0,012	0,124	FALSE
-0,093	0,307	-0,002	0,008	0,107	FALSE
-0,011	0,338	0,000	0,011	0,010	FALSE

-0,009	0,290	0,000	0,009	0,012	FALSE
-0,018	0,308	-0,001	0,013	0,036	FALSE
-0,086	0,302	-0,003	0,011	0,090	FALSE
0,025	0,317	0,002	0,012	0,052	FALSE
-0,091	0,300	-0,002	0,007	0,102	FALSE
0,089	0,310	0,003	0,013	0,091	FALSE
-0,016	0,290	-0,001	0,006	0,038	FALSE
-0,014	0,303	0,000	0,010	0,014	FALSE
0,042	0,309	0,001	0,006	0,088	FALSE
0,005	0,317	0,000	0,007	0,017	FALSE
-0,071	0,317	-0,002	0,008	0,114	FALSE
-0,071	0,324	-0,002	0,008	0,102	FALSE
0,114	0,315	0,003	0,008	0,143	FALSE
-0,168	0,321	-0,004	0,007	0,229	FALSE
-0,060	0,314	-0,002	0,012	0,076	FALSE
-0,088	0,324	-0,003	0,011	0,101	FALSE
-0,128	0,310	-0,005	0,012	0,173	FALSE
0,189	0,303	0,006	0,008	0,293	FALSE
-0,042	0,303	-0,001	0,010	0,040	FALSE
-0,044	0,308	-0,002	0,010	0,062	FALSE
-0,069	0,315	-0,003	0,011	0,097	FALSE
0,028	0,298	0,000	0,008	0,018	FALSE
0,100	0,308	0,003	0,008	0,149	FALSE
-0,103	0,325	-0,002	0,008	0,106	FALSE
0,095	0,299	0,004	0,009	0,163	FALSE
0,064	0,307	0,002	0,010	0,073	FALSE
0,103	0,301	0,003	0,007	0,133	FALSE
0,195	0,297	0,004	0,007	0,254	FALSE
-0,056	0,305	-0,002	0,012	0,063	FALSE
-0,060	0,310	-0,002	0,012	0,064	FALSE
0,017	0,322	0,000	0,011	0,011	FALSE
-0,013	0,317	0,000	0,012	0,001	FALSE
-0,063	0,323	-0,002	0,009	0,077	FALSE
-0,061	0,301	-0,003	0,013	0,089	FALSE
0,036	0,304	0,001	0,006	0,034	FALSE
-0,078	0,309	-0,004	0,013	0,114	FALSE
0,026	0,301	0,001	0,011	0,040	FALSE
0,029	0,299	0,002	0,009	0,085	FALSE
0,037	0,291	0,001	0,011	0,043	FALSE
0,066	0,301	0,002	0,008	0,088	FALSE
0,142	0,314	0,005	0,009	0,226	FALSE
0,027	0,304	0,001	0,012	0,043	FALSE
0,039	0,291	0,001	0,007	0,069	FALSE
-0,122	0,301	-0,003	0,007	0,146	FALSE
0,085	0,302	0,003	0,010	0,123	FALSE
-0,026	0,305	-0,001	0,009	0,050	FALSE
0,010	0,311	0,001	0,011	0,022	FALSE
0,061	0,319	0,003	0,011	0,090	FALSE
0,105	0,304	0,002	0,008	0,122	FALSE
0,124	0,312	0,006	0,013	0,185	FALSE
0,094	0,317	0,003	0,009	0,119	FALSE
-0,128	0,313	-0,003	0,007	0,175	FALSE
0,114	0,303	0,003	0,007	0,161	FALSE

0,162	0,289	0,003	0,007	0,188	FALSE
-0,102	0,311	-0,002	0,007	0,127	FALSE
-0,085	0,303	-0,003	0,012	0,105	FALSE
0,087	0,307	0,002	0,008	0,096	FALSE
-0,064	0,298	-0,001	0,007	0,081	FALSE
0,138	0,313	0,005	0,011	0,187	FALSE
0,046	0,309	0,002	0,013	0,054	FALSE
0,040	0,315	0,001	0,007	0,028	FALSE
-0,006	0,325	0,000	0,008	0,004	FALSE
-0,031	0,301	-0,001	0,008	0,030	FALSE
-0,038	0,296	-0,001	0,006	0,033	FALSE
-0,037	0,308	-0,001	0,008	0,034	FALSE
0,069	0,309	0,002	0,006	0,109	FALSE
0,069	0,312	0,002	0,009	0,107	FALSE
0,036	0,308	0,001	0,009	0,054	FALSE
-0,027	0,297	-0,001	0,007	0,036	FALSE
0,018	0,313	0,001	0,011	0,040	FALSE
0,073	0,312	0,003	0,012	0,088	FALSE
0,027	0,314	0,001	0,011	0,040	FALSE
0,109	0,305	0,003	0,009	0,149	FALSE
-0,137	0,322	-0,003	0,008	0,136	FALSE
-0,134	0,316	-0,003	0,008	0,145	FALSE
0,110	0,308	0,003	0,010	0,124	FALSE
0,045	0,309	0,002	0,011	0,056	FALSE
0,072	0,301	0,002	0,008	0,111	FALSE
0,018	0,316	0,002	0,011	0,053	FALSE
-0,029	0,314	-0,001	0,008	0,024	FALSE
0,039	0,297	0,002	0,007	0,096	FALSE
0,075	0,308	0,002	0,010	0,093	FALSE
-0,055	0,305	-0,002	0,010	0,069	FALSE
-0,041	0,300	-0,001	0,008	0,025	FALSE
0,047	0,314	0,001	0,007	0,058	FALSE
-0,025	0,315	-0,001	0,007	0,072	FALSE
0,061	0,316	0,002	0,013	0,065	FALSE
0,075	0,303	0,002	0,012	0,068	FALSE
0,074	0,293	0,002	0,012	0,074	FALSE
-0,005	0,312	0,000	0,007	0,005	FALSE
0,082	0,309	0,002	0,007	0,108	FALSE
-0,108	0,307	-0,005	0,012	0,167	FALSE
-0,076	0,290	-0,004	0,012	0,112	FALSE
-0,069	0,294	-0,003	0,012	0,097	FALSE
0,133	0,302	0,004	0,009	0,204	FALSE
0,056	0,317	0,002	0,009	0,071	FALSE
0,007	0,300	0,000	0,012	0,004	FALSE
0,069	0,308	0,002	0,008	0,092	FALSE
0,045	0,304	0,002	0,008	0,080	FALSE
-0,049	0,309	-0,001	0,006	0,073	FALSE
0,101	0,308	0,003	0,009	0,129	FALSE
0,027	0,309	0,001	0,009	0,041	FALSE
0,049	0,315	0,003	0,012	0,085	FALSE
-0,055	0,312	-0,001	0,007	0,066	FALSE
-0,015	0,304	0,000	0,007	0,022	FALSE
-0,027	0,314	0,000	0,011	0,008	FALSE

0,063	0,292	0,003	0,013	0,107	FALSE
-0,073	0,300	-0,002	0,008	0,099	FALSE
0,090	0,306	0,004	0,011	0,142	FALSE
-0,035	0,300	0,000	0,006	0,026	FALSE
0,086	0,293	0,003	0,009	0,137	FALSE
0,005	0,298	0,000	0,008	0,012	FALSE
0,076	0,302	0,003	0,013	0,106	FALSE
0,014	0,288	0,000	0,010	0,010	FALSE
0,068	0,299	0,002	0,008	0,102	FALSE
-0,002	0,307	0,000	0,009	0,012	FALSE
-0,032	0,294	0,000	0,008	0,002	FALSE
0,055	0,306	0,001	0,009	0,024	FALSE
0,002	0,318	0,000	0,009	0,015	FALSE
-0,065	0,294	-0,002	0,008	0,101	FALSE
-0,119	0,307	-0,003	0,008	0,154	FALSE
-0,040	0,298	-0,001	0,006	0,042	FALSE
-0,018	0,294	-0,001	0,009	0,055	FALSE
-0,091	0,304	-0,002	0,008	0,090	FALSE
0,021	0,317	0,001	0,010	0,020	FALSE
-0,079	0,328	-0,002	0,008	0,100	FALSE
-0,042	0,293	-0,003	0,012	0,093	FALSE
0,095	0,306	0,003	0,012	0,117	FALSE
-0,108	0,301	-0,003	0,008	0,127	FALSE
0,139	0,298	0,006	0,012	0,194	FALSE
0,079	0,315	0,002	0,007	0,118	FALSE
0,089	0,299	0,003	0,009	0,141	FALSE
-0,001	0,305	0,000	0,009	0,009	FALSE
0,053	0,309	0,002	0,012	0,052	FALSE
0,018	0,318	0,000	0,010	0,003	FALSE
-0,005	0,302	-0,001	0,013	0,028	FALSE
0,109	0,305	0,003	0,008	0,170	FALSE
-0,070	0,296	-0,004	0,013	0,132	FALSE
-0,024	0,306	-0,001	0,010	0,039	FALSE
0,037	0,309	0,000	0,007	0,021	FALSE
0,058	0,298	0,002	0,008	0,087	FALSE
-0,001	0,317	0,000	0,013	0,013	FALSE
0,069	0,303	0,001	0,008	0,037	FALSE
-0,087	0,307	-0,004	0,013	0,113	FALSE
0,059	0,310	0,001	0,007	0,076	FALSE
-0,026	0,305	-0,001	0,007	0,068	FALSE
-0,065	0,309	-0,002	0,007	0,094	FALSE
-0,034	0,307	-0,001	0,006	0,031	FALSE
-0,073	0,320	-0,002	0,007	0,086	FALSE
-0,014	0,299	-0,001	0,012	0,019	FALSE
0,128	0,307	0,003	0,007	0,189	FALSE
-0,073	0,301	-0,002	0,008	0,086	FALSE
-0,010	0,282	0,000	0,008	0,018	FALSE
0,020	0,306	0,000	0,008	0,016	FALSE
-0,075	0,303	-0,002	0,007	0,095	FALSE
-0,067	0,318	-0,002	0,007	0,088	FALSE
0,072	0,302	0,001	0,007	0,084	FALSE
-0,134	0,292	-0,005	0,010	0,189	FALSE
0,013	0,316	0,000	0,007	0,009	FALSE

0,035	0,300	0,001	0,009	0,029	FALSE
-0,125	0,321	-0,002	0,007	0,126	FALSE
-0,078	0,300	-0,002	0,006	0,105	FALSE
-0,049	0,304	-0,002	0,013	0,052	FALSE
-0,070	0,327	-0,002	0,007	0,084	FALSE
0,117	0,304	0,004	0,009	0,206	FALSE
-0,058	0,309	-0,003	0,013	0,102	FALSE
0,010	0,298	0,001	0,010	0,026	FALSE
0,006	0,304	0,000	0,010	0,015	FALSE
0,076	0,287	0,004	0,012	0,149	FALSE
-0,046	0,316	-0,001	0,007	0,067	FALSE
-0,087	0,306	-0,004	0,012	0,113	FALSE
0,012	0,318	0,000	0,009	0,004	FALSE
0,063	0,319	0,002	0,010	0,064	FALSE
0,054	0,290	0,002	0,010	0,094	FALSE
-0,203	0,302	-0,008	0,013	0,288	FALSE
-0,189	0,309	-0,008	0,013	0,265	FALSE
-0,074	0,311	-0,002	0,009	0,073	FALSE
-0,220	0,305	-0,007	0,009	0,359	FALSE
0,059	0,313	0,002	0,010	0,079	FALSE
-0,046	0,310	-0,001	0,007	0,064	FALSE
-0,077	0,316	-0,002	0,008	0,098	FALSE
0,088	0,314	0,003	0,009	0,116	FALSE
0,073	0,299	0,003	0,009	0,130	FALSE
0,038	0,307	0,001	0,008	0,045	FALSE
0,135	0,291	0,004	0,009	0,180	FALSE
-0,088	0,304	-0,002	0,009	0,104	FALSE
-0,139	0,305	-0,005	0,013	0,172	FALSE
0,015	0,292	0,000	0,008	0,018	FALSE
-0,012	0,299	0,000	0,010	0,012	FALSE
0,020	0,314	0,001	0,012	0,023	FALSE
-0,033	0,305	-0,001	0,010	0,042	FALSE
0,039	0,331	0,001	0,008	0,032	FALSE
-0,089	0,288	-0,004	0,012	0,113	FALSE
-0,087	0,300	-0,002	0,011	0,081	FALSE
0,100	0,302	0,003	0,006	0,176	FALSE
-0,029	0,306	-0,003	0,012	0,088	FALSE
-0,014	0,306	-0,001	0,012	0,041	FALSE
0,077	0,299	0,001	0,007	0,078	FALSE
0,035	0,293	0,001	0,008	0,046	FALSE
0,046	0,300	0,001	0,008	0,031	FALSE
-0,037	0,300	0,000	0,010	0,008	FALSE
-0,012	0,299	0,000	0,013	0,002	FALSE
-0,001	0,308	-0,001	0,013	0,032	FALSE
0,007	0,310	0,000	0,011	0,014	FALSE
-0,034	0,308	-0,001	0,011	0,037	FALSE
0,158	0,305	0,005	0,011	0,186	FALSE
0,060	0,307	0,002	0,012	0,054	FALSE
-0,116	0,300	-0,003	0,008	0,149	FALSE
-0,060	0,302	-0,002	0,012	0,049	FALSE
0,006	0,317	0,000	0,013	0,003	FALSE
-0,004	0,297	0,000	0,012	0,003	FALSE
-0,026	0,304	-0,001	0,011	0,022	FALSE

-0,012	0,300	0,000	0,007	0,007	FALSE
-0,034	0,309	-0,002	0,011	0,068	FALSE
0,079	0,325	0,003	0,010	0,128	FALSE
-0,067	0,276	-0,002	0,010	0,076	FALSE
-0,052	0,275	-0,001	0,010	0,053	FALSE
0,031	0,293	0,000	0,007	0,002	FALSE
-0,084	0,307	-0,002	0,008	0,116	FALSE
0,086	0,293	0,003	0,012	0,108	FALSE
-0,010	0,298	0,000	0,008	0,016	FALSE
0,063	0,316	0,002	0,008	0,100	FALSE
0,032	0,315	0,001	0,007	0,054	FALSE
-0,035	0,296	0,000	0,008	0,013	FALSE
-0,061	0,305	-0,001	0,007	0,042	FALSE
0,055	0,299	0,003	0,012	0,079	FALSE
-0,049	0,316	-0,002	0,009	0,083	FALSE
0,011	0,308	0,001	0,012	0,036	FALSE
-0,103	0,295	-0,002	0,006	0,157	FALSE
-0,021	0,315	-0,001	0,007	0,032	FALSE
0,043	0,309	0,004	0,012	0,117	FALSE
-0,043	0,296	-0,001	0,007	0,048	FALSE
0,035	0,300	0,000	0,008	0,018	FALSE
0,121	0,296	0,005	0,012	0,152	FALSE
0,135	0,275	0,006	0,012	0,195	FALSE
0,174	0,303	0,005	0,007	0,312	FALSE
0,020	0,320	0,000	0,008	0,001	FALSE
0,040	0,308	0,001	0,010	0,049	FALSE
-0,024	0,301	-0,001	0,011	0,047	FALSE
-0,016	0,304	-0,001	0,013	0,037	FALSE
0,067	0,316	0,002	0,012	0,062	FALSE
-0,164	0,316	-0,005	0,009	0,231	FALSE
-0,093	0,317	-0,002	0,009	0,101	FALSE
0,158	0,297	0,006	0,011	0,213	FALSE
0,052	0,315	0,001	0,008	0,058	FALSE
-0,108	0,316	-0,003	0,011	0,129	FALSE
-0,050	0,302	-0,002	0,012	0,063	FALSE
0,111	0,299	0,004	0,013	0,126	FALSE
0,138	0,318	0,006	0,012	0,203	FALSE
-0,063	0,298	-0,002	0,012	0,050	FALSE
-0,017	0,307	-0,001	0,012	0,024	FALSE
0,044	0,303	0,002	0,010	0,056	FALSE
0,038	0,310	0,001	0,011	0,042	FALSE
0,011	0,321	0,000	0,013	0,003	FALSE
0,047	0,306	0,001	0,009	0,032	FALSE
-0,063	0,304	-0,002	0,007	0,083	FALSE
0,049	0,301	0,002	0,013	0,060	FALSE
-0,055	0,295	-0,001	0,009	0,044	FALSE
-0,034	0,301	0,000	0,013	0,000	FALSE
-0,023	0,320	-0,001	0,009	0,025	FALSE
-0,009	0,303	0,000	0,009	0,014	FALSE
-0,087	0,313	-0,004	0,011	0,143	FALSE
-0,008	0,299	0,000	0,012	0,010	FALSE
0,018	0,315	0,001	0,009	0,031	FALSE
0,011	0,301	0,001	0,012	0,034	FALSE

-0,020	0,300	0,000	0,012	0,000	FALSE
0,084	0,306	0,004	0,011	0,141	FALSE
0,096	0,311	0,003	0,010	0,133	FALSE
-0,064	0,307	-0,002	0,009	0,096	FALSE
0,022	0,310	0,001	0,012	0,034	FALSE
-0,024	0,308	-0,001	0,009	0,045	FALSE
-0,087	0,305	-0,002	0,007	0,103	FALSE
0,026	0,307	0,000	0,008	0,018	FALSE
-0,143	0,298	-0,004	0,007	0,207	FALSE
-0,215	0,292	-0,006	0,008	0,329	FALSE
0,077	0,306	0,002	0,008	0,068	FALSE
-0,046	0,316	-0,001	0,006	0,054	FALSE
-0,001	0,311	0,000	0,008	0,020	FALSE
0,080	0,302	0,002	0,008	0,076	FALSE
0,030	0,320	0,002	0,008	0,083	FALSE
0,017	0,308	0,001	0,009	0,040	FALSE
0,032	0,307	0,001	0,008	0,024	FALSE
0,008	0,302	0,001	0,008	0,031	FALSE
0,002	0,303	0,000	0,009	0,011	FALSE
0,101	0,303	0,004	0,011	0,131	FALSE
0,001	0,322	0,000	0,011	0,001	FALSE
-0,056	0,310	-0,002	0,013	0,058	FALSE
-0,001	0,313	0,000	0,007	0,009	FALSE
-0,044	0,322	-0,002	0,008	0,082	FALSE
-0,116	0,299	-0,003	0,008	0,127	FALSE
-0,029	0,304	0,000	0,008	0,000	FALSE
-0,076	0,311	-0,003	0,011	0,116	FALSE
-0,036	0,320	-0,002	0,011	0,053	FALSE
0,153	0,300	0,004	0,009	0,193	FALSE
0,006	0,300	0,001	0,011	0,035	FALSE
-0,094	0,307	-0,002	0,008	0,091	FALSE
0,066	0,301	0,001	0,009	0,061	FALSE
0,020	0,326	0,000	0,007	0,005	FALSE
0,047	0,307	0,000	0,007	0,026	FALSE
-0,010	0,320	0,000	0,008	0,001	FALSE
-0,020	0,313	-0,001	0,012	0,031	FALSE
-0,014	0,304	-0,001	0,011	0,023	FALSE
-0,104	0,310	-0,005	0,011	0,182	FALSE
0,016	0,313	0,001	0,011	0,022	FALSE
-0,014	0,308	0,000	0,007	0,005	FALSE
0,060	0,312	0,002	0,011	0,074	FALSE
0,061	0,307	0,002	0,011	0,066	FALSE
-0,055	0,306	-0,003	0,012	0,087	FALSE
0,089	0,306	0,002	0,009	0,095	FALSE
-0,089	0,310	-0,003	0,009	0,119	FALSE
0,123	0,323	0,004	0,009	0,168	FALSE
-0,049	0,300	-0,003	0,011	0,100	FALSE
0,113	0,300	0,004	0,010	0,171	FALSE
0,024	0,315	0,001	0,009	0,024	FALSE
-0,116	0,308	-0,003	0,009	0,140	FALSE
0,050	0,322	0,002	0,013	0,068	FALSE
0,002	0,309	0,000	0,009	0,002	FALSE
-0,084	0,305	-0,003	0,013	0,097	FALSE

-0,086	0,295	-0,002	0,006	0,133	FALSE
-0,019	0,309	-0,001	0,007	0,027	FALSE
-0,048	0,318	-0,001	0,010	0,037	FALSE
0,041	0,305	0,002	0,009	0,067	FALSE
0,021	0,310	0,000	0,007	0,022	FALSE
0,112	0,308	0,002	0,007	0,124	FALSE
-0,017	0,295	-0,001	0,012	0,016	FALSE
-0,030	0,307	-0,001	0,007	0,049	FALSE
-0,124	0,297	-0,005	0,013	0,154	FALSE
0,075	0,306	0,001	0,007	0,080	FALSE
0,069	0,297	0,001	0,007	0,067	FALSE
-0,058	0,312	-0,001	0,008	0,050	FALSE
0,068	0,317	0,002	0,008	0,081	FALSE
0,069	0,311	0,002	0,010	0,090	FALSE
0,070	0,302	0,002	0,009	0,088	FALSE
-0,069	0,316	-0,002	0,007	0,081	FALSE
-0,136	0,309	-0,003	0,009	0,155	FALSE
-0,027	0,318	-0,001	0,008	0,026	FALSE
0,069	0,308	0,002	0,006	0,101	FALSE
0,019	0,313	0,001	0,011	0,033	FALSE
-0,087	0,311	-0,002	0,009	0,104	FALSE
0,023	0,308	0,000	0,008	0,013	FALSE
0,095	0,305	0,005	0,013	0,156	FALSE
-0,030	0,318	-0,001	0,007	0,045	FALSE
0,004	0,324	0,000	0,007	0,009	FALSE
-0,013	0,301	-0,001	0,007	0,028	FALSE
0,075	0,323	0,001	0,007	0,078	FALSE
-0,106	0,301	-0,003	0,007	0,172	FALSE
0,032	0,313	0,001	0,011	0,037	FALSE
0,146	0,276	0,005	0,012	0,189	FALSE
0,069	0,298	0,003	0,011	0,093	FALSE
0,005	0,300	0,000	0,013	0,003	FALSE
0,152	0,303	0,005	0,010	0,205	FALSE
-0,080	0,316	-0,001	0,007	0,075	FALSE
-0,024	0,312	0,000	0,006	0,024	FALSE
0,027	0,307	0,001	0,009	0,029	FALSE
0,007	0,319	0,000	0,007	0,014	FALSE
-0,015	0,307	0,000	0,006	0,029	FALSE
-0,007	0,299	-0,001	0,007	0,030	FALSE
0,019	0,310	0,000	0,007	0,007	FALSE
0,071	0,284	0,002	0,007	0,145	FALSE
0,035	0,308	0,001	0,009	0,040	FALSE
-0,005	0,312	0,000	0,007	0,002	FALSE
0,078	0,298	0,002	0,008	0,088	FALSE
-0,078	0,306	-0,002	0,013	0,071	FALSE
-0,042	0,297	-0,002	0,011	0,052	FALSE
0,018	0,304	0,001	0,010	0,034	FALSE
-0,099	0,329	-0,004	0,012	0,137	FALSE
0,186	0,306	0,008	0,012	0,283	FALSE
0,019	0,305	0,000	0,010	0,013	FALSE
-0,103	0,318	-0,005	0,013	0,151	FALSE
-0,009	0,307	0,000	0,008	0,007	FALSE
0,008	0,293	0,000	0,008	0,022	FALSE

0,027	0,313	0,001	0,008	0,031	FALSE
-0,068	0,301	-0,002	0,012	0,061	FALSE
-0,073	0,310	-0,002	0,013	0,070	FALSE
-0,029	0,308	-0,001	0,006	0,033	FALSE
-0,042	0,308	-0,001	0,009	0,039	FALSE
0,047	0,311	0,002	0,009	0,066	FALSE
0,061	0,318	0,002	0,009	0,076	FALSE
0,030	0,302	0,001	0,010	0,054	FALSE
0,036	0,308	0,002	0,012	0,068	FALSE
0,011	0,307	0,000	0,006	0,020	FALSE
-0,173	0,296	-0,004	0,008	0,237	FALSE
0,050	0,308	0,002	0,009	0,066	FALSE
-0,004	0,327	0,000	0,009	0,009	FALSE
-0,057	0,311	-0,002	0,012	0,056	FALSE
-0,055	0,298	-0,001	0,008	0,063	FALSE
-0,082	0,314	-0,002	0,008	0,101	FALSE
-0,025	0,305	0,000	0,007	0,023	FALSE
-0,119	0,315	-0,005	0,012	0,179	FALSE
0,075	0,311	0,002	0,007	0,125	FALSE
-0,063	0,316	-0,002	0,011	0,068	FALSE
-0,021	0,304	-0,001	0,011	0,017	FALSE
-0,007	0,312	-0,001	0,007	0,030	FALSE
0,112	0,304	0,005	0,013	0,146	FALSE
0,008	0,306	0,000	0,007	0,003	FALSE
0,006	0,312	0,000	0,007	0,011	FALSE
0,031	0,314	0,000	0,011	0,008	FALSE
0,060	0,317	0,001	0,008	0,071	FALSE
-0,001	0,303	0,000	0,011	0,009	FALSE
-0,031	0,322	-0,002	0,011	0,064	FALSE
-0,056	0,302	-0,001	0,006	0,049	FALSE
-0,021	0,307	0,000	0,009	0,017	FALSE
0,032	0,318	0,001	0,012	0,027	FALSE
0,016	0,312	0,001	0,010	0,037	FALSE
-0,055	0,319	-0,002	0,009	0,086	FALSE
-0,039	0,298	-0,001	0,007	0,032	FALSE
0,031	0,315	0,000	0,011	0,013	FALSE
0,018	0,298	0,001	0,006	0,045	FALSE
0,059	0,300	0,002	0,010	0,073	FALSE
-0,106	0,298	-0,004	0,013	0,118	FALSE
0,037	0,304	0,001	0,008	0,046	FALSE
-0,072	0,311	-0,002	0,011	0,087	FALSE
0,114	0,307	0,004	0,012	0,138	FALSE
0,049	0,308	0,002	0,012	0,076	FALSE
-0,105	0,320	-0,003	0,008	0,128	FALSE
-0,124	0,309	-0,005	0,012	0,162	FALSE
0,097	0,314	0,004	0,013	0,121	FALSE
0,186	0,312	0,006	0,009	0,259	FALSE
-0,136	0,304	-0,003	0,007	0,192	FALSE
0,020	0,314	0,001	0,009	0,044	FALSE
-0,090	0,299	-0,005	0,012	0,160	FALSE
-0,022	0,300	-0,001	0,012	0,028	FALSE
-0,040	0,300	-0,001	0,010	0,032	FALSE
-0,065	0,313	-0,003	0,009	0,108	FALSE

-0,061	0,305	-0,002	0,009	0,097	FALSE
0,002	0,314	0,001	0,009	0,021	FALSE
-0,062	0,312	-0,002	0,009	0,084	FALSE
-0,049	0,323	-0,002	0,009	0,079	FALSE
-0,023	0,318	-0,001	0,008	0,029	FALSE
-0,057	0,307	-0,001	0,011	0,044	FALSE
-0,054	0,310	-0,001	0,011	0,050	FALSE
0,057	0,291	0,001	0,007	0,052	FALSE
0,027	0,312	0,000	0,007	0,023	FALSE
0,031	0,304	0,000	0,008	0,016	FALSE
0,042	0,306	0,001	0,012	0,047	FALSE
-0,041	0,308	-0,001	0,007	0,051	FALSE
-0,019	0,308	0,000	0,008	0,011	FALSE
0,043	0,312	0,001	0,007	0,056	FALSE
0,154	0,299	0,003	0,007	0,195	FALSE
0,140	0,303	0,003	0,006	0,192	FALSE
-0,034	0,307	-0,002	0,012	0,056	FALSE
0,039	0,305	0,001	0,010	0,043	FALSE
-0,037	0,309	-0,001	0,008	0,042	FALSE
-0,013	0,303	0,000	0,013	0,012	FALSE
-0,054	0,314	-0,001	0,013	0,027	FALSE
-0,014	0,302	0,000	0,012	0,009	FALSE
-0,027	0,290	0,000	0,012	0,003	FALSE
-0,012	0,296	0,000	0,012	0,014	FALSE
-0,125	0,300	-0,007	0,013	0,222	FALSE
-0,058	0,304	-0,002	0,010	0,061	FALSE
-0,008	0,314	0,000	0,013	0,008	FALSE
-0,099	0,306	-0,004	0,011	0,141	FALSE
-0,036	0,310	-0,002	0,013	0,066	FALSE
-0,091	0,306	-0,002	0,008	0,092	FALSE
-0,080	0,307	-0,002	0,010	0,076	FALSE
-0,031	0,324	-0,001	0,013	0,035	FALSE
0,007	0,314	0,000	0,008	0,004	FALSE
0,062	0,315	0,001	0,009	0,050	FALSE
0,026	0,316	0,001	0,012	0,038	FALSE
0,075	0,308	0,002	0,009	0,094	FALSE
0,054	0,309	0,001	0,009	0,054	FALSE
-0,069	0,298	-0,003	0,012	0,097	FALSE
-0,027	0,304	0,000	0,007	0,008	FALSE
0,008	0,313	0,000	0,013	0,011	FALSE
0,002	0,293	0,001	0,012	0,027	FALSE
-0,067	0,303	-0,002	0,007	0,089	FALSE
-0,143	0,305	-0,006	0,011	0,214	FALSE
-0,114	0,294	-0,005	0,012	0,177	FALSE
-0,005	0,319	0,000	0,009	0,003	FALSE
0,206	0,298	0,007	0,011	0,297	FALSE
-0,029	0,309	0,000	0,006	0,001	FALSE
-0,093	0,304	-0,004	0,012	0,136	FALSE
-0,158	0,305	-0,005	0,009	0,207	FALSE
0,048	0,310	0,002	0,010	0,081	FALSE
-0,032	0,304	-0,001	0,011	0,036	FALSE
0,005	0,302	0,001	0,009	0,022	FALSE
0,026	0,330	0,001	0,009	0,044	FALSE

0,030	0,304	0,000	0,012	0,003	FALSE
-0,093	0,297	-0,001	0,006	0,096	FALSE
0,047	0,309	0,002	0,008	0,088	FALSE
0,070	0,301	0,002	0,008	0,125	FALSE
-0,018	0,318	0,000	0,007	0,020	FALSE
-0,094	0,310	-0,004	0,011	0,145	FALSE
0,004	0,300	0,001	0,012	0,021	FALSE
0,021	0,310	0,001	0,008	0,037	FALSE
-0,018	0,300	-0,001	0,011	0,039	FALSE
0,042	0,312	0,002	0,012	0,060	FALSE
-0,037	0,310	0,000	0,010	0,005	FALSE
0,106	0,288	0,003	0,008	0,155	FALSE
0,018	0,307	0,000	0,009	0,004	FALSE
0,040	0,320	0,001	0,012	0,046	FALSE
-0,028	0,316	-0,001	0,007	0,053	FALSE
0,104	0,292	0,004	0,010	0,142	FALSE
-0,031	0,313	-0,001	0,012	0,030	FALSE
0,086	0,306	0,003	0,012	0,098	FALSE
0,001	0,305	0,000	0,008	0,009	FALSE
-0,018	0,313	-0,001	0,011	0,028	FALSE
-0,127	0,296	-0,002	0,006	0,141	FALSE
-0,053	0,305	-0,001	0,007	0,053	FALSE
0,110	0,301	0,005	0,012	0,155	FALSE
0,101	0,300	0,004	0,013	0,137	FALSE
0,009	0,297	-0,001	0,010	0,027	FALSE
0,011	0,322	0,000	0,013	0,008	FALSE
-0,211	0,278	-0,007	0,011	0,305	FALSE
0,163	0,312	0,004	0,007	0,200	FALSE
0,047	0,297	0,001	0,008	0,043	FALSE
0,014	0,316	0,001	0,008	0,025	FALSE
-0,052	0,306	-0,001	0,008	0,065	FALSE
-0,139	0,304	-0,003	0,007	0,185	FALSE
0,008	0,308	0,001	0,009	0,029	FALSE
0,072	0,300	0,002	0,007	0,102	FALSE
0,022	0,314	0,000	0,010	0,010	FALSE
-0,025	0,324	-0,001	0,012	0,020	FALSE
-0,015	0,305	0,000	0,009	0,009	FALSE
-0,053	0,303	-0,001	0,007	0,073	FALSE
-0,098	0,308	-0,002	0,007	0,118	FALSE
-0,103	0,308	-0,005	0,011	0,176	FALSE
-0,099	0,298	-0,002	0,007	0,126	FALSE
0,009	0,300	0,000	0,006	0,016	FALSE
-0,002	0,307	0,001	0,007	0,032	FALSE
0,095	0,306	0,002	0,006	0,119	FALSE
-0,065	0,306	-0,001	0,008	0,059	FALSE
-0,043	0,305	-0,002	0,012	0,063	FALSE
-0,052	0,321	-0,002	0,012	0,059	FALSE
0,053	0,310	0,003	0,013	0,086	FALSE
-0,022	0,317	0,000	0,013	0,012	FALSE
0,001	0,310	-0,001	0,013	0,016	FALSE
-0,021	0,318	-0,001	0,012	0,033	FALSE
-0,035	0,305	-0,001	0,007	0,055	FALSE
-0,206	0,296	-0,006	0,008	0,307	FALSE

-0,046	0,303	-0,001	0,008	0,040	FALSE
-0,045	0,300	-0,001	0,010	0,034	FALSE
0,078	0,298	0,003	0,009	0,112	FALSE
-0,034	0,311	-0,001	0,006	0,029	FALSE
-0,038	0,317	-0,001	0,013	0,032	FALSE
0,113	0,305	0,004	0,010	0,182	FALSE
-0,055	0,307	-0,002	0,009	0,068	FALSE
-0,050	0,313	-0,002	0,012	0,058	FALSE
0,097	0,301	0,003	0,008	0,160	FALSE
0,095	0,311	0,002	0,008	0,100	FALSE
0,029	0,306	0,001	0,010	0,041	FALSE
0,025	0,314	0,001	0,007	0,045	FALSE
-0,056	0,298	-0,002	0,009	0,073	FALSE
-0,097	0,305	-0,002	0,007	0,119	FALSE
-0,055	0,305	-0,001	0,008	0,063	FALSE
-0,013	0,304	-0,001	0,009	0,025	FALSE
-0,020	0,306	0,000	0,012	0,013	FALSE
-0,076	0,308	-0,002	0,007	0,085	FALSE
-0,157	0,291	-0,004	0,007	0,209	FALSE
-0,044	0,313	-0,002	0,012	0,067	FALSE
-0,058	0,303	-0,002	0,009	0,083	FALSE
0,066	0,312	0,003	0,012	0,080	FALSE
-0,028	0,311	-0,001	0,008	0,043	FALSE
-0,076	0,314	-0,001	0,007	0,076	FALSE
0,025	0,292	0,002	0,008	0,076	FALSE
-0,023	0,324	0,000	0,007	0,008	FALSE
0,000	0,319	0,001	0,007	0,026	FALSE
-0,043	0,311	-0,002	0,010	0,071	FALSE
0,030	0,317	0,000	0,006	0,019	FALSE
0,084	0,291	0,003	0,009	0,121	FALSE
-0,007	0,312	0,000	0,009	0,006	FALSE
0,046	0,329	0,002	0,010	0,057	FALSE
0,047	0,310	0,001	0,010	0,053	FALSE
-0,085	0,312	-0,004	0,011	0,130	FALSE
-0,074	0,296	-0,001	0,008	0,048	FALSE
0,005	0,311	0,000	0,007	0,009	FALSE
-0,007	0,314	0,000	0,012	0,008	FALSE
-0,025	0,314	0,000	0,007	0,022	FALSE
-0,080	0,304	-0,003	0,011	0,108	FALSE
-0,088	0,304	-0,002	0,008	0,107	FALSE
0,089	0,302	0,004	0,012	0,130	FALSE
0,049	0,297	0,002	0,011	0,059	FALSE
0,194	0,290	0,004	0,006	0,289	FALSE
0,126	0,313	0,003	0,007	0,179	FALSE
-0,071	0,312	-0,001	0,006	0,073	FALSE
-0,012	0,304	0,000	0,008	0,002	FALSE
0,127	0,303	0,004	0,009	0,187	FALSE
-0,009	0,319	0,000	0,008	0,007	FALSE
-0,046	0,312	-0,001	0,008	0,071	FALSE
0,029	0,298	0,002	0,011	0,053	FALSE
-0,009	0,301	0,001	0,010	0,020	FALSE
-0,025	0,301	-0,001	0,010	0,021	FALSE
0,024	0,312	0,001	0,008	0,030	FALSE

-0,087	0,304	-0,002	0,009	0,084	FALSE
-0,080	0,302	-0,002	0,009	0,096	FALSE
0,034	0,319	0,001	0,012	0,035	FALSE
0,017	0,306	0,001	0,008	0,046	FALSE
0,096	0,303	0,004	0,011	0,130	FALSE
-0,097	0,316	-0,005	0,013	0,142	FALSE
-0,098	0,309	-0,004	0,013	0,117	FALSE
-0,066	0,323	-0,003	0,010	0,103	FALSE
0,069	0,299	0,002	0,012	0,058	FALSE
-0,127	0,301	-0,005	0,013	0,165	FALSE
0,103	0,321	0,003	0,007	0,136	FALSE
0,121	0,305	0,004	0,011	0,139	FALSE
0,076	0,311	0,001	0,008	0,057	FALSE
-0,036	0,308	-0,001	0,007	0,050	FALSE
0,067	0,322	0,003	0,013	0,096	FALSE
-0,026	0,306	0,000	0,007	0,022	FALSE
0,002	0,295	0,001	0,011	0,045	FALSE
0,025	0,306	0,001	0,013	0,041	FALSE
-0,029	0,307	-0,001	0,007	0,030	FALSE
0,115	0,305	0,004	0,011	0,165	FALSE
-0,040	0,322	-0,001	0,006	0,053	FALSE
0,117	0,305	0,002	0,007	0,151	FALSE
-0,095	0,307	-0,002	0,009	0,102	FALSE
0,086	0,315	0,002	0,011	0,072	FALSE
-0,100	0,317	-0,002	0,007	0,097	FALSE
0,033	0,307	0,001	0,013	0,027	FALSE
0,044	0,314	0,002	0,012	0,061	FALSE
-0,044	0,307	-0,002	0,012	0,054	FALSE
0,004	0,318	0,000	0,009	0,005	FALSE
-0,017	0,312	0,000	0,008	0,007	FALSE
0,009	0,311	0,000	0,013	0,012	FALSE
0,018	0,310	0,001	0,007	0,047	FALSE
0,012	0,321	0,000	0,008	0,002	FALSE
0,123	0,309	0,003	0,009	0,160	FALSE
0,103	0,304	0,003	0,012	0,113	FALSE
-0,092	0,309	-0,003	0,012	0,110	FALSE
0,100	0,299	0,001	0,006	0,076	FALSE
0,011	0,314	0,000	0,012	0,009	FALSE
0,076	0,302	0,001	0,007	0,067	FALSE
-0,060	0,312	-0,002	0,008	0,084	FALSE
0,043	0,301	0,002	0,011	0,049	FALSE
0,034	0,319	0,001	0,012	0,045	FALSE
0,006	0,315	0,000	0,007	0,003	FALSE
-0,045	0,294	-0,001	0,011	0,036	FALSE
-0,049	0,329	-0,001	0,007	0,076	FALSE
0,185	0,302	0,004	0,008	0,236	FALSE
0,173	0,301	0,004	0,007	0,241	FALSE
0,172	0,299	0,006	0,011	0,241	FALSE
0,128	0,296	0,003	0,006	0,177	FALSE
-0,097	0,306	-0,003	0,009	0,129	FALSE
-0,007	0,304	0,000	0,007	0,020	FALSE
-0,101	0,311	-0,003	0,008	0,121	FALSE
-0,083	0,306	-0,004	0,011	0,131	FALSE

-0,081	0,316	-0,003	0,012	0,102	FALSE
-0,043	0,318	-0,001	0,008	0,058	FALSE
0,030	0,297	0,000	0,007	0,004	FALSE
-0,038	0,305	-0,002	0,010	0,073	FALSE
-0,049	0,286	-0,001	0,009	0,036	FALSE
0,057	0,298	0,001	0,007	0,080	FALSE
0,077	0,311	0,003	0,008	0,115	FALSE
-0,113	0,313	-0,005	0,012	0,158	FALSE
-0,163	0,309	-0,004	0,009	0,199	FALSE
0,022	0,319	0,001	0,007	0,048	FALSE
0,053	0,306	0,002	0,007	0,104	FALSE
-0,005	0,323	0,000	0,006	0,016	FALSE
0,002	0,320	0,000	0,011	0,002	FALSE
0,043	0,314	0,001	0,007	0,056	FALSE
0,037	0,315	0,001	0,009	0,041	FALSE
0,107	0,304	0,003	0,007	0,177	FALSE
-0,019	0,309	0,000	0,007	0,016	FALSE
-0,135	0,301	-0,005	0,010	0,221	FALSE
-0,058	0,299	-0,002	0,013	0,068	FALSE
0,062	0,309	0,002	0,010	0,075	FALSE
0,030	0,318	0,001	0,012	0,029	FALSE
0,038	0,316	0,002	0,012	0,055	FALSE
0,006	0,305	0,001	0,012	0,040	FALSE
0,088	0,287	0,002	0,009	0,098	FALSE
0,083	0,309	0,002	0,009	0,085	FALSE
0,039	0,305	0,001	0,011	0,043	FALSE
0,097	0,307	0,004	0,010	0,157	FALSE
0,124	0,305	0,005	0,010	0,187	FALSE
0,107	0,305	0,003	0,007	0,192	FALSE
-0,039	0,304	-0,001	0,006	0,050	FALSE
0,067	0,307	0,002	0,012	0,051	FALSE
-0,034	0,303	-0,001	0,013	0,037	FALSE
-0,071	0,306	-0,002	0,011	0,072	FALSE
0,072	0,307	0,002	0,007	0,089	FALSE
0,028	0,311	0,000	0,006	0,017	FALSE
-0,036	0,291	-0,001	0,008	0,049	FALSE
0,085	0,302	0,002	0,007	0,124	FALSE
-0,071	0,289	-0,002	0,010	0,097	FALSE
0,051	0,295	0,001	0,010	0,051	FALSE
-0,076	0,306	-0,004	0,012	0,117	FALSE
0,058	0,303	0,002	0,007	0,083	FALSE
0,000	0,305	0,000	0,010	0,002	FALSE
-0,002	0,304	-0,001	0,009	0,022	FALSE
0,099	0,296	0,002	0,008	0,113	FALSE
-0,095	0,302	-0,005	0,012	0,179	FALSE
-0,072	0,307	-0,002	0,007	0,102	FALSE
0,073	0,325	0,003	0,011	0,091	FALSE
0,103	0,306	0,003	0,010	0,106	FALSE
-0,057	0,301	-0,002	0,007	0,098	FALSE
0,050	0,293	0,003	0,012	0,098	FALSE
0,059	0,304	0,003	0,012	0,098	FALSE
-0,136	0,290	-0,005	0,009	0,248	FALSE
-0,061	0,304	-0,003	0,010	0,117	FALSE

-0,007	0,296	0,000	0,007	0,007	FALSE
-0,019	0,314	0,000	0,007	0,004	FALSE
0,039	0,303	0,001	0,007	0,071	FALSE
-0,046	0,314	-0,002	0,009	0,062	FALSE
0,069	0,310	0,002	0,009	0,093	FALSE
0,025	0,301	0,001	0,007	0,041	FALSE
-0,034	0,306	-0,002	0,013	0,057	FALSE
0,030	0,311	0,002	0,011	0,056	FALSE
-0,024	0,312	0,000	0,008	0,020	FALSE
-0,045	0,314	-0,002	0,013	0,055	FALSE
-0,083	0,316	-0,004	0,013	0,104	FALSE
-0,026	0,307	0,000	0,009	0,010	FALSE
-0,004	0,305	0,001	0,009	0,034	FALSE
0,067	0,318	0,002	0,012	0,051	FALSE
-0,040	0,307	-0,002	0,011	0,059	FALSE
0,060	0,314	0,002	0,011	0,062	FALSE
0,021	0,293	0,002	0,012	0,049	FALSE
0,017	0,306	0,000	0,010	0,002	FALSE
0,121	0,305	0,003	0,007	0,145	TRUE
0,030	0,326	0,001	0,013	0,017	FALSE
0,007	0,321	0,000	0,013	0,012	FALSE
-0,079	0,289	-0,001	0,006	0,075	FALSE
-0,022	0,313	-0,001	0,012	0,022	FALSE
0,073	0,306	0,002	0,009	0,074	FALSE
0,043	0,317	0,001	0,007	0,044	FALSE
-0,043	0,314	-0,001	0,007	0,065	FALSE
-0,095	0,319	-0,004	0,012	0,124	FALSE
-0,065	0,308	-0,002	0,006	0,110	FALSE
0,114	0,298	0,003	0,008	0,160	FALSE
0,115	0,310	0,004	0,012	0,134	FALSE
0,037	0,320	0,001	0,011	0,035	FALSE
-0,062	0,320	-0,002	0,011	0,057	FALSE
-0,015	0,322	-0,001	0,012	0,033	FALSE
-0,005	0,328	0,000	0,009	0,007	FALSE
-0,028	0,312	-0,001	0,009	0,030	FALSE
-0,124	0,305	-0,003	0,007	0,155	FALSE
0,068	0,317	0,002	0,011	0,076	FALSE
-0,093	0,323	-0,003	0,008	0,152	FALSE
0,108	0,303	0,005	0,012	0,182	FALSE
0,025	0,307	0,001	0,008	0,037	FALSE
-0,020	0,313	-0,001	0,011	0,018	FALSE
-0,011	0,317	0,000	0,008	0,011	FALSE
0,035	0,308	0,001	0,013	0,039	FALSE
-0,097	0,307	-0,002	0,008	0,094	FALSE
-0,088	0,312	-0,002	0,008	0,092	FALSE
-0,084	0,313	-0,002	0,008	0,078	FALSE
0,003	0,308	0,000	0,009	0,015	FALSE
-0,062	0,321	-0,003	0,011	0,095	FALSE
0,030	0,307	0,000	0,009	0,019	FALSE
0,087	0,320	0,002	0,007	0,110	FALSE
0,000	0,308	0,000	0,009	0,003	FALSE
0,005	0,307	0,000	0,012	0,014	FALSE
0,168	0,299	0,004	0,008	0,219	FALSE

-0,095	0,313	-0,003	0,010	0,115	FALSE
0,148	0,298	0,003	0,006	0,201	FALSE
0,077	0,302	0,003	0,012	0,082	FALSE
0,091	0,293	0,003	0,011	0,118	FALSE
0,004	0,305	0,000	0,011	0,007	FALSE
-0,009	0,299	0,001	0,010	0,026	FALSE
0,032	0,305	0,001	0,010	0,056	FALSE
-0,052	0,297	-0,003	0,012	0,082	FALSE
0,060	0,313	0,002	0,012	0,071	FALSE
-0,064	0,310	-0,003	0,011	0,108	FALSE
-0,065	0,304	-0,002	0,010	0,060	FALSE
-0,054	0,311	-0,001	0,010	0,042	FALSE
-0,024	0,298	-0,002	0,012	0,051	FALSE
-0,028	0,310	-0,002	0,012	0,071	FALSE
-0,018	0,308	-0,001	0,013	0,030	FALSE
-0,037	0,309	-0,001	0,010	0,022	FALSE
-0,046	0,320	-0,002	0,011	0,083	FALSE
-0,001	0,318	-0,001	0,013	0,022	FALSE
0,091	0,322	0,002	0,008	0,095	FALSE
0,002	0,308	0,001	0,007	0,029	FALSE
-0,035	0,304	-0,001	0,012	0,040	FALSE
-0,064	0,313	-0,003	0,011	0,098	FALSE
0,058	0,309	0,002	0,008	0,078	FALSE
-0,027	0,310	0,000	0,011	0,012	FALSE
-0,008	0,313	0,000	0,008	0,006	FALSE
-0,152	0,306	-0,005	0,009	0,218	FALSE
-0,016	0,310	0,000	0,006	0,001	FALSE
0,010	0,314	0,001	0,012	0,023	FALSE
0,038	0,309	0,002	0,012	0,066	FALSE
-0,037	0,323	-0,001	0,010	0,054	FALSE
-0,078	0,316	-0,003	0,010	0,114	FALSE
0,104	0,312	0,004	0,011	0,149	FALSE
-0,098	0,310	-0,003	0,012	0,105	FALSE
0,074	0,299	0,002	0,008	0,107	FALSE
0,044	0,299	0,001	0,009	0,037	FALSE
-0,070	0,303	-0,002	0,010	0,068	FALSE
-0,071	0,303	-0,003	0,010	0,112	FALSE
-0,015	0,291	0,000	0,010	0,011	FALSE
-0,008	0,307	0,001	0,013	0,027	FALSE
-0,007	0,296	0,001	0,013	0,036	FALSE
-0,043	0,318	-0,002	0,009	0,076	FALSE
0,080	0,310	0,002	0,007	0,108	FALSE
-0,074	0,307	-0,002	0,008	0,105	FALSE
-0,048	0,309	-0,001	0,013	0,043	FALSE
0,123	0,303	0,006	0,013	0,177	FALSE
0,075	0,312	0,003	0,010	0,112	FALSE
-0,003	0,317	0,000	0,012	0,005	FALSE
0,004	0,312	0,001	0,008	0,036	FALSE
-0,033	0,306	-0,001	0,007	0,031	FALSE
0,114	0,313	0,004	0,010	0,167	FALSE
0,130	0,308	0,004	0,009	0,195	FALSE
-0,117	0,302	-0,003	0,007	0,169	FALSE
-0,040	0,316	-0,001	0,010	0,051	FALSE

0,120	0,296	0,003	0,007	0,195	FALSE
0,137	0,308	0,004	0,007	0,211	FALSE
0,111	0,305	0,005	0,013	0,147	FALSE
0,086	0,314	0,002	0,008	0,071	FALSE
-0,031	0,309	-0,001	0,008	0,038	FALSE
-0,116	0,303	-0,003	0,009	0,153	FALSE
0,048	0,314	0,002	0,012	0,075	FALSE
0,063	0,310	0,003	0,012	0,096	FALSE
0,015	0,303	0,000	0,007	0,021	FALSE
0,011	0,306	0,000	0,012	0,002	FALSE
0,037	0,303	0,001	0,008	0,051	FALSE
-0,079	0,314	-0,002	0,009	0,082	FALSE
0,091	0,299	0,002	0,007	0,116	FALSE
-0,002	0,308	0,000	0,013	0,011	FALSE
0,065	0,286	0,003	0,011	0,095	FALSE
0,047	0,308	0,001	0,011	0,047	FALSE
0,057	0,308	0,001	0,011	0,050	FALSE
0,072	0,306	0,002	0,010	0,078	FALSE
0,002	0,314	0,000	0,009	0,014	FALSE
0,070	0,305	0,001	0,008	0,066	FALSE
0,042	0,308	0,001	0,009	0,055	FALSE
0,021	0,303	0,001	0,007	0,028	FALSE
0,109	0,295	0,004	0,009	0,161	FALSE
0,014	0,313	0,000	0,008	0,020	FALSE
0,024	0,313	0,001	0,012	0,023	FALSE
0,016	0,313	0,001	0,011	0,020	FALSE
0,044	0,309	0,001	0,011	0,023	FALSE
0,040	0,311	0,001	0,011	0,021	FALSE
0,050	0,308	0,001	0,011	0,033	FALSE
0,046	0,305	0,001	0,010	0,040	FALSE
0,018	0,311	0,000	0,011	0,010	FALSE
-0,095	0,320	-0,003	0,008	0,137	FALSE
-0,082	0,303	-0,003	0,008	0,129	FALSE
0,156	0,307	0,005	0,007	0,286	FALSE
-0,037	0,308	-0,001	0,008	0,061	FALSE
0,026	0,313	0,001	0,007	0,073	FALSE
0,182	0,295	0,005	0,009	0,267	FALSE
0,036	0,315	0,001	0,009	0,028	FALSE
-0,117	0,304	-0,005	0,013	0,175	FALSE
-0,028	0,307	0,000	0,007	0,018	FALSE
0,078	0,315	0,003	0,010	0,113	FALSE
-0,177	0,313	-0,008	0,013	0,268	FALSE
-0,009	0,296	0,000	0,012	0,006	FALSE
0,029	0,321	0,001	0,009	0,045	FALSE
0,083	0,311	0,003	0,010	0,104	FALSE
0,055	0,323	0,002	0,011	0,068	FALSE
0,052	0,315	0,002	0,013	0,068	FALSE
0,031	0,298	0,000	0,012	0,015	FALSE
0,038	0,311	0,002	0,012	0,059	FALSE
0,130	0,303	0,002	0,006	0,151	FALSE
0,029	0,310	0,002	0,012	0,068	FALSE
0,136	0,294	0,003	0,007	0,163	FALSE
0,099	0,296	0,003	0,011	0,103	FALSE

-0,053	0,301	-0,002	0,010	0,084	FALSE
0,075	0,297	0,002	0,009	0,102	FALSE
-0,013	0,291	-0,001	0,008	0,043	FALSE
0,019	0,306	0,001	0,008	0,040	FALSE
0,063	0,303	0,002	0,013	0,058	FALSE
-0,001	0,310	0,000	0,006	0,008	FALSE
-0,025	0,310	-0,002	0,010	0,064	FALSE
0,015	0,319	0,001	0,007	0,026	FALSE
0,124	0,295	0,004	0,012	0,110	FALSE
0,008	0,311	0,000	0,008	0,019	FALSE
-0,016	0,296	0,000	0,009	0,009	FALSE
0,080	0,294	0,002	0,007	0,134	FALSE
0,000	0,301	0,001	0,006	0,029	FALSE
0,065	0,316	0,003	0,013	0,089	FALSE
-0,015	0,307	0,000	0,013	0,009	FALSE
-0,058	0,309	-0,002	0,010	0,093	FALSE
-0,032	0,306	-0,001	0,012	0,023	FALSE
-0,058	0,294	-0,001	0,007	0,042	FALSE
0,156	0,308	0,006	0,013	0,214	FALSE
0,154	0,302	0,006	0,013	0,216	FALSE
0,010	0,312	0,001	0,013	0,026	FALSE
0,126	0,296	0,005	0,011	0,177	FALSE
-0,084	0,290	-0,004	0,012	0,132	FALSE
0,054	0,308	0,001	0,007	0,027	FALSE
0,034	0,316	0,002	0,012	0,049	FALSE
-0,024	0,304	0,000	0,009	0,003	FALSE
0,048	0,303	0,001	0,007	0,073	FALSE
-0,007	0,314	0,001	0,008	0,036	FALSE
0,133	0,305	0,004	0,007	0,219	FALSE
0,142	0,309	0,005	0,010	0,204	FALSE
-0,008	0,313	-0,001	0,013	0,040	FALSE
-0,046	0,314	-0,003	0,013	0,086	FALSE
0,020	0,309	0,000	0,007	0,025	FALSE
0,115	0,310	0,004	0,008	0,184	FALSE
0,089	0,293	0,003	0,007	0,151	FALSE
0,069	0,320	0,002	0,013	0,070	FALSE
0,049	0,314	0,001	0,006	0,077	FALSE
-0,006	0,310	0,000	0,007	0,006	FALSE
0,066	0,303	0,003	0,012	0,096	FALSE
0,118	0,316	0,005	0,013	0,164	FALSE
0,084	0,300	0,002	0,008	0,128	FALSE
-0,012	0,313	0,000	0,008	0,009	FALSE
-0,056	0,306	-0,002	0,009	0,088	FALSE
0,062	0,311	0,002	0,009	0,091	FALSE
0,046	0,308	0,001	0,009	0,058	FALSE
0,056	0,302	0,003	0,012	0,109	FALSE
-0,085	0,309	-0,003	0,009	0,119	FALSE
0,014	0,309	0,000	0,012	0,011	FALSE
-0,082	0,299	-0,003	0,012	0,101	FALSE
0,019	0,307	0,000	0,008	0,012	FALSE
-0,020	0,313	0,000	0,011	0,002	FALSE
0,205	0,296	0,008	0,011	0,330	FALSE
-0,095	0,316	-0,003	0,010	0,113	FALSE

-0,001	0,314	0,000	0,012	0,014	FALSE
0,121	0,295	0,004	0,011	0,169	FALSE
0,146	0,318	0,004	0,009	0,179	FALSE
-0,009	0,307	0,000	0,013	0,000	FALSE
0,069	0,306	0,003	0,012	0,099	FALSE
-0,003	0,309	0,000	0,007	0,022	FALSE
-0,060	0,304	-0,002	0,010	0,082	FALSE
-0,099	0,317	-0,004	0,011	0,139	FALSE
0,050	0,307	0,001	0,009	0,049	FALSE
-0,154	0,296	-0,006	0,013	0,190	FALSE
-0,037	0,328	-0,001	0,007	0,033	FALSE
-0,174	0,291	-0,007	0,013	0,244	FALSE
-0,027	0,301	0,000	0,008	0,023	FALSE
-0,038	0,319	-0,001	0,010	0,044	FALSE
-0,007	0,319	0,000	0,013	0,006	FALSE
0,038	0,301	0,001	0,010	0,057	FALSE
-0,007	0,308	-0,001	0,006	0,033	FALSE
-0,106	0,319	-0,002	0,008	0,117	FALSE
0,049	0,313	0,002	0,010	0,062	FALSE
0,072	0,314	0,003	0,012	0,096	FALSE
0,079	0,300	0,004	0,012	0,123	FALSE
0,024	0,294	0,000	0,008	0,021	FALSE
0,108	0,304	0,005	0,012	0,153	FALSE
-0,032	0,304	-0,001	0,007	0,060	FALSE
0,107	0,302	0,004	0,011	0,125	FALSE
-0,147	0,304	-0,004	0,007	0,214	FALSE
0,007	0,314	0,000	0,007	0,018	FALSE
0,052	0,311	0,002	0,010	0,060	FALSE
0,090	0,312	0,004	0,011	0,134	FALSE
0,091	0,319	0,003	0,007	0,142	FALSE
-0,058	0,312	-0,001	0,007	0,054	FALSE
0,052	0,314	0,002	0,008	0,082	FALSE
-0,010	0,309	0,000	0,009	0,009	FALSE
0,095	0,320	0,003	0,008	0,138	TRUE
-0,048	0,312	-0,001	0,008	0,028	FALSE
0,082	0,301	0,002	0,009	0,085	FALSE
-0,043	0,309	-0,001	0,008	0,056	FALSE
-0,060	0,311	-0,002	0,008	0,082	FALSE
-0,091	0,312	-0,002	0,008	0,120	FALSE
-0,016	0,317	0,000	0,012	0,003	FALSE
0,129	0,306	0,004	0,010	0,187	FALSE
-0,016	0,302	-0,001	0,010	0,029	FALSE
-0,010	0,292	-0,001	0,010	0,036	FALSE
0,032	0,303	0,000	0,007	0,013	FALSE
0,071	0,321	0,002	0,007	0,099	FALSE
-0,061	0,308	-0,001	0,008	0,051	FALSE
-0,049	0,309	-0,002	0,012	0,076	FALSE
-0,114	0,299	-0,003	0,009	0,128	FALSE
-0,011	0,317	0,000	0,012	0,006	FALSE
-0,111	0,305	-0,005	0,012	0,148	FALSE
-0,126	0,322	-0,006	0,013	0,178	FALSE
0,165	0,298	0,004	0,007	0,244	FALSE
0,131	0,305	0,004	0,007	0,201	FALSE

-0,015	0,301	0,000	0,008	0,015	FALSE
-0,045	0,297	-0,001	0,010	0,051	FALSE
-0,018	0,295	-0,001	0,006	0,031	FALSE
-0,062	0,295	-0,002	0,009	0,074	FALSE
-0,062	0,312	-0,002	0,010	0,060	FALSE
-0,098	0,306	-0,002	0,006	0,130	FALSE
0,017	0,303	0,000	0,011	0,011	FALSE
0,151	0,296	0,004	0,007	0,232	FALSE
0,074	0,306	0,003	0,011	0,116	FALSE
0,037	0,317	0,002	0,013	0,065	FALSE
0,061	0,320	0,003	0,012	0,093	FALSE
0,014	0,307	0,001	0,011	0,016	FALSE
-0,028	0,319	-0,001	0,008	0,039	FALSE
0,118	0,298	0,003	0,007	0,194	FALSE
0,016	0,305	0,000	0,008	0,003	FALSE
0,166	0,302	0,004	0,007	0,256	FALSE
-0,040	0,305	-0,001	0,009	0,036	FALSE
0,083	0,316	0,003	0,011	0,116	FALSE
-0,085	0,316	-0,003	0,008	0,141	FALSE
0,017	0,309	0,000	0,013	0,007	FALSE
-0,014	0,316	0,000	0,007	0,006	FALSE
-0,131	0,309	-0,006	0,013	0,192	FALSE
-0,051	0,306	-0,001	0,008	0,052	FALSE
0,009	0,316	0,001	0,012	0,026	FALSE
0,020	0,307	0,000	0,008	0,009	FALSE
0,163	0,305	0,004	0,007	0,236	FALSE
0,100	0,316	0,003	0,009	0,118	FALSE
-0,021	0,324	-0,001	0,011	0,042	FALSE
-0,003	0,309	0,000	0,011	0,003	FALSE
-0,052	0,315	-0,002	0,011	0,082	FALSE
0,077	0,318	0,003	0,012	0,096	FALSE
-0,022	0,297	-0,002	0,012	0,055	FALSE
-0,012	0,311	0,000	0,007	0,006	FALSE
-0,007	0,312	0,000	0,008	0,004	FALSE
-0,017	0,325	-0,001	0,013	0,029	FALSE
0,050	0,302	0,002	0,011	0,050	FALSE
0,031	0,304	0,001	0,012	0,039	FALSE
-0,032	0,319	-0,001	0,008	0,052	FALSE
0,089	0,304	0,002	0,008	0,111	FALSE
-0,077	0,320	-0,002	0,008	0,094	FALSE
-0,069	0,311	-0,002	0,007	0,089	FALSE
0,025	0,304	0,000	0,009	0,004	FALSE
0,055	0,309	0,002	0,011	0,053	FALSE
0,117	0,296	0,003	0,007	0,170	FALSE
0,144	0,314	0,003	0,007	0,200	FALSE
-0,010	0,309	0,000	0,010	0,006	FALSE
-0,019	0,305	0,000	0,012	0,013	FALSE
0,139	0,305	0,005	0,010	0,212	FALSE
0,098	0,316	0,002	0,007	0,147	FALSE
0,013	0,315	0,001	0,012	0,018	FALSE
-0,044	0,294	0,000	0,007	0,020	FALSE
-0,064	0,314	-0,003	0,013	0,076	FALSE
0,181	0,288	0,007	0,010	0,284	FALSE

-0,061	0,306	-0,002	0,009	0,078	FALSE
-0,120	0,299	-0,004	0,009	0,174	FALSE
0,087	0,305	0,003	0,009	0,134	FALSE
-0,067	0,322	-0,002	0,009	0,066	FALSE
0,105	0,302	0,004	0,012	0,133	FALSE
0,114	0,306	0,003	0,008	0,152	FALSE
-0,174	0,316	-0,007	0,012	0,268	FALSE
-0,056	0,308	-0,001	0,008	0,060	FALSE
0,056	0,295	0,003	0,009	0,129	FALSE
0,050	0,315	0,002	0,007	0,076	FALSE
-0,153	0,304	-0,006	0,011	0,219	FALSE
-0,132	0,312	-0,005	0,011	0,186	FALSE
0,063	0,304	0,003	0,013	0,095	FALSE
-0,138	0,315	-0,005	0,011	0,186	FALSE
-0,141	0,317	-0,005	0,011	0,189	FALSE
-0,153	0,289	-0,005	0,010	0,241	FALSE
0,072	0,308	0,002	0,007	0,089	FALSE
-0,089	0,302	-0,003	0,009	0,132	FALSE
-0,060	0,313	-0,002	0,012	0,065	FALSE
-0,116	0,306	-0,002	0,007	0,127	FALSE
0,133	0,286	0,003	0,009	0,144	FALSE
0,147	0,301	0,004	0,009	0,166	FALSE
-0,050	0,314	-0,002	0,010	0,073	FALSE
0,026	0,320	0,001	0,012	0,019	FALSE
-0,001	0,320	0,000	0,012	0,008	FALSE
0,008	0,290	0,000	0,007	0,001	FALSE
0,030	0,296	0,002	0,012	0,048	FALSE
0,013	0,305	0,000	0,011	0,002	FALSE
0,029	0,306	0,001	0,011	0,022	FALSE
0,012	0,322	0,000	0,013	0,005	FALSE
-0,095	0,311	-0,002	0,007	0,126	FALSE
-0,030	0,313	-0,001	0,010	0,047	FALSE
0,049	0,294	0,002	0,008	0,116	FALSE
0,084	0,290	0,002	0,012	0,067	FALSE
-0,008	0,311	0,000	0,009	0,007	FALSE
-0,035	0,301	-0,001	0,008	0,030	FALSE
0,116	0,306	0,003	0,009	0,143	FALSE
0,091	0,315	0,004	0,011	0,150	FALSE
0,090	0,307	0,003	0,011	0,107	FALSE
-0,054	0,318	-0,001	0,009	0,055	FALSE
-0,035	0,319	-0,002	0,011	0,058	FALSE
0,009	0,321	-0,001	0,008	0,027	FALSE
-0,044	0,303	-0,001	0,008	0,034	FALSE
0,103	0,298	0,004	0,010	0,137	FALSE
0,017	0,310	0,000	0,013	0,013	FALSE
0,050	0,308	0,001	0,009	0,047	FALSE
0,043	0,308	0,001	0,007	0,081	FALSE
0,024	0,301	0,001	0,009	0,049	FALSE
-0,092	0,308	-0,003	0,008	0,135	FALSE
-0,039	0,313	-0,001	0,009	0,047	FALSE
-0,063	0,301	-0,001	0,007	0,070	FALSE
-0,100	0,299	-0,003	0,008	0,139	FALSE
-0,052	0,314	-0,002	0,012	0,070	FALSE

-0,070	0,302	-0,003	0,010	0,106	FALSE
-0,047	0,304	-0,001	0,007	0,042	FALSE
0,023	0,312	0,001	0,008	0,030	FALSE
-0,082	0,300	-0,002	0,007	0,120	FALSE
-0,119	0,314	-0,004	0,009	0,170	FALSE
-0,027	0,321	-0,001	0,009	0,050	FALSE
-0,101	0,311	-0,002	0,007	0,139	FALSE
-0,064	0,306	-0,002	0,006	0,109	FALSE
-0,086	0,305	-0,003	0,009	0,103	FALSE
0,076	0,307	0,003	0,008	0,120	FALSE
0,017	0,292	0,000	0,011	0,003	FALSE
-0,020	0,314	-0,001	0,013	0,025	FALSE
0,008	0,299	0,000	0,012	0,003	FALSE
0,067	0,302	0,002	0,007	0,098	FALSE
-0,053	0,306	-0,001	0,008	0,072	FALSE
-0,018	0,306	-0,001	0,010	0,029	FALSE
0,014	0,318	0,000	0,012	0,013	FALSE
-0,138	0,304	-0,003	0,006	0,199	FALSE
0,013	0,321	0,000	0,008	0,004	FALSE
-0,003	0,311	0,000	0,008	0,006	FALSE
0,035	0,319	0,002	0,009	0,070	FALSE
0,177	0,286	0,005	0,008	0,255	FALSE
-0,024	0,316	-0,001	0,008	0,023	FALSE
-0,041	0,303	-0,002	0,012	0,045	FALSE
-0,113	0,308	-0,003	0,007	0,151	FALSE
-0,184	0,297	-0,004	0,007	0,234	FALSE
0,061	0,302	0,001	0,008	0,057	FALSE
-0,057	0,306	-0,001	0,007	0,052	FALSE
0,067	0,322	0,003	0,012	0,093	FALSE
0,080	0,281	0,002	0,012	0,073	FALSE
0,008	0,315	0,001	0,010	0,052	FALSE
-0,034	0,315	-0,001	0,012	0,037	FALSE
-0,036	0,314	-0,001	0,012	0,032	FALSE
-0,056	0,289	-0,003	0,011	0,088	FALSE
0,083	0,296	0,002	0,008	0,102	FALSE
0,094	0,300	0,002	0,008	0,116	FALSE
0,135	0,301	0,003	0,008	0,173	FALSE
-0,018	0,305	-0,001	0,009	0,028	FALSE
0,027	0,300	0,001	0,011	0,026	FALSE
0,184	0,306	0,006	0,009	0,271	FALSE
-0,018	0,306	-0,001	0,008	0,029	FALSE
0,013	0,308	0,001	0,008	0,040	FALSE
0,042	0,315	0,001	0,012	0,024	FALSE
0,042	0,305	0,001	0,010	0,056	FALSE
0,000	0,313	-0,001	0,011	0,022	FALSE
-0,005	0,314	0,000	0,007	0,003	FALSE
0,093	0,312	0,004	0,013	0,101	FALSE
0,116	0,310	0,005	0,011	0,170	FALSE
0,091	0,301	0,002	0,007	0,125	FALSE
0,003	0,302	-0,001	0,006	0,033	FALSE
-0,089	0,315	-0,002	0,009	0,097	FALSE
-0,063	0,310	-0,002	0,009	0,062	FALSE
0,009	0,318	0,001	0,008	0,024	FALSE

-0,035	0,302	-0,001	0,007	0,038	FALSE
-0,037	0,301	-0,001	0,007	0,056	FALSE
0,020	0,298	0,001	0,011	0,036	FALSE
-0,005	0,302	0,000	0,012	0,003	FALSE
-0,019	0,291	0,000	0,011	0,007	FALSE
0,114	0,304	0,005	0,013	0,165	FALSE
-0,077	0,317	-0,003	0,013	0,091	FALSE
0,115	0,307	0,003	0,008	0,157	FALSE
0,081	0,293	0,003	0,013	0,100	FALSE
-0,054	0,309	-0,001	0,007	0,061	FALSE
-0,025	0,320	0,000	0,010	0,014	FALSE
-0,059	0,303	-0,001	0,008	0,059	FALSE
0,010	0,295	0,000	0,006	0,002	FALSE
0,028	0,322	0,002	0,011	0,057	FALSE
-0,081	0,319	-0,003	0,011	0,098	FALSE
-0,050	0,317	-0,002	0,011	0,053	FALSE
0,136	0,318	0,003	0,007	0,155	FALSE
-0,123	0,317	-0,004	0,011	0,140	FALSE
0,051	0,320	0,002	0,008	0,091	FALSE
-0,022	0,312	0,000	0,011	0,008	FALSE
0,020	0,323	0,001	0,013	0,023	FALSE
0,037	0,287	0,000	0,009	0,018	FALSE
0,102	0,321	0,003	0,009	0,116	FALSE
-0,052	0,308	-0,003	0,013	0,079	FALSE
0,221	0,299	0,007	0,009	0,338	FALSE
-0,061	0,300	-0,003	0,011	0,100	FALSE
-0,045	0,321	-0,002	0,011	0,054	FALSE
0,056	0,290	0,003	0,010	0,119	FALSE
0,026	0,306	0,001	0,009	0,023	FALSE
-0,065	0,306	-0,002	0,007	0,084	FALSE
0,110	0,310	0,002	0,007	0,126	FALSE
0,037	0,315	0,001	0,010	0,021	FALSE
-0,016	0,307	0,000	0,010	0,007	FALSE
-0,088	0,308	-0,002	0,006	0,119	FALSE
0,041	0,313	0,001	0,013	0,028	FALSE
0,046	0,307	0,001	0,008	0,048	FALSE
-0,015	0,304	-0,001	0,006	0,056	FALSE
0,021	0,302	0,000	0,009	0,012	FALSE
-0,116	0,308	-0,003	0,009	0,154	FALSE
0,047	0,298	0,001	0,006	0,045	FALSE
0,100	0,311	0,004	0,010	0,149	FALSE
0,028	0,308	0,001	0,006	0,030	FALSE
0,042	0,314	0,001	0,008	0,036	FALSE
-0,150	0,312	-0,004	0,008	0,204	FALSE
-0,136	0,289	-0,004	0,011	0,147	FALSE
-0,008	0,305	0,001	0,007	0,028	FALSE
-0,084	0,312	-0,003	0,013	0,082	FALSE
0,093	0,294	0,003	0,012	0,105	FALSE
-0,111	0,314	-0,005	0,012	0,157	FALSE
0,031	0,316	0,001	0,013	0,030	FALSE
-0,088	0,310	-0,004	0,013	0,112	FALSE
0,040	0,303	0,002	0,011	0,057	FALSE
0,008	0,328	0,001	0,007	0,029	FALSE

0,096	0,306	0,002	0,006	0,095	FALSE
-0,042	0,312	-0,002	0,011	0,054	FALSE
-0,038	0,310	-0,001	0,011	0,037	FALSE
0,006	0,296	0,000	0,008	0,002	FALSE
0,051	0,313	0,002	0,010	0,073	FALSE
0,064	0,298	0,002	0,009	0,081	FALSE
-0,001	0,310	0,000	0,010	0,002	FALSE
-0,019	0,306	-0,001	0,010	0,020	FALSE
0,086	0,313	0,004	0,012	0,122	FALSE
0,056	0,309	0,003	0,011	0,093	FALSE
-0,045	0,313	-0,001	0,010	0,048	FALSE
0,056	0,301	0,001	0,008	0,053	FALSE
0,075	0,296	0,002	0,012	0,061	FALSE
0,002	0,325	0,001	0,011	0,018	FALSE
-0,009	0,302	-0,001	0,012	0,018	FALSE
0,057	0,309	0,001	0,008	0,026	FALSE
-0,003	0,306	0,000	0,007	0,019	FALSE
0,021	0,305	0,001	0,011	0,017	FALSE
-0,007	0,313	-0,001	0,011	0,019	FALSE
-0,103	0,291	-0,002	0,006	0,133	FALSE
0,067	0,316	0,002	0,013	0,071	FALSE
0,057	0,312	0,002	0,009	0,094	FALSE
0,063	0,291	0,001	0,007	0,059	FALSE
0,089	0,316	0,003	0,012	0,083	FALSE
-0,024	0,304	-0,001	0,010	0,054	FALSE
0,011	0,318	0,001	0,010	0,020	FALSE
-0,107	0,307	-0,003	0,009	0,119	FALSE
0,117	0,302	0,003	0,007	0,146	FALSE
-0,013	0,313	0,000	0,010	0,005	FALSE
0,011	0,306	0,000	0,007	0,013	FALSE
-0,134	0,282	-0,005	0,012	0,191	FALSE
-0,126	0,305	-0,005	0,012	0,173	FALSE
0,158	0,307	0,006	0,011	0,220	FALSE
0,048	0,308	0,001	0,009	0,051	FALSE
0,059	0,289	0,003	0,012	0,107	FALSE
-0,002	0,329	0,000	0,013	0,009	FALSE
-0,101	0,300	-0,004	0,009	0,167	FALSE
-0,088	0,314	-0,003	0,008	0,131	FALSE
0,084	0,311	0,004	0,013	0,128	FALSE
-0,094	0,309	-0,004	0,010	0,146	FALSE
0,045	0,331	0,001	0,011	0,049	FALSE
0,063	0,298	0,003	0,012	0,078	FALSE
-0,101	0,309	-0,002	0,008	0,100	FALSE
-0,070	0,306	-0,002	0,008	0,076	FALSE
0,103	0,303	0,003	0,008	0,163	FALSE
-0,083	0,304	-0,002	0,008	0,087	FALSE
-0,163	0,305	-0,007	0,012	0,249	FALSE
-0,049	0,295	-0,002	0,011	0,069	FALSE
-0,055	0,298	-0,002	0,011	0,069	FALSE
0,023	0,309	0,001	0,012	0,018	FALSE
0,049	0,316	0,001	0,009	0,049	FALSE
0,080	0,292	0,003	0,012	0,100	FALSE
0,035	0,312	0,001	0,007	0,050	FALSE

-0,039	0,300	-0,002	0,012	0,072	FALSE
0,135	0,311	0,004	0,009	0,189	FALSE
-0,021	0,311	-0,001	0,011	0,019	FALSE
0,007	0,302	0,000	0,006	0,024	FALSE
-0,012	0,312	0,000	0,013	0,000	FALSE
0,078	0,301	0,003	0,012	0,093	FALSE
0,078	0,289	0,003	0,012	0,102	FALSE
0,105	0,306	0,004	0,013	0,120	FALSE
-0,049	0,301	-0,001	0,012	0,028	FALSE
-0,098	0,300	-0,004	0,010	0,142	FALSE
-0,102	0,305	-0,004	0,011	0,131	FALSE
0,116	0,311	0,002	0,007	0,135	FALSE
-0,018	0,311	0,000	0,010	0,010	FALSE
0,004	0,310	0,000	0,007	0,020	FALSE
0,070	0,310	0,003	0,012	0,082	FALSE
0,128	0,316	0,005	0,012	0,158	FALSE
0,128	0,303	0,004	0,011	0,155	FALSE
0,198	0,293	0,005	0,007	0,354	FALSE
-0,047	0,318	-0,002	0,013	0,064	FALSE
-0,027	0,312	-0,001	0,013	0,028	FALSE
-0,056	0,313	-0,002	0,010	0,059	FALSE
0,181	0,302	0,005	0,008	0,260	FALSE
0,054	0,293	0,002	0,008	0,084	FALSE
-0,048	0,308	-0,001	0,012	0,044	FALSE
-0,064	0,309	-0,002	0,009	0,084	FALSE
0,037	0,310	0,001	0,008	0,055	FALSE
0,035	0,307	0,001	0,010	0,028	FALSE
0,012	0,328	0,000	0,010	0,000	FALSE
0,087	0,292	0,002	0,007	0,099	FALSE
0,025	0,311	0,001	0,009	0,052	FALSE
0,101	0,292	0,002	0,007	0,132	FALSE
0,066	0,311	0,003	0,013	0,078	FALSE
0,014	0,316	0,001	0,010	0,034	FALSE
0,069	0,301	0,002	0,011	0,066	FALSE
0,070	0,298	0,002	0,011	0,071	FALSE
0,064	0,295	0,002	0,012	0,077	FALSE
0,097	0,316	0,003	0,010	0,119	FALSE
-0,007	0,306	-0,001	0,008	0,030	FALSE
-0,024	0,323	-0,001	0,010	0,042	FALSE
-0,024	0,302	-0,001	0,007	0,046	FALSE
0,092	0,299	0,001	0,007	0,078	FALSE
0,067	0,304	0,002	0,011	0,065	FALSE
-0,058	0,311	-0,003	0,013	0,073	FALSE
0,019	0,302	0,000	0,012	0,007	FALSE
-0,022	0,300	0,001	0,012	0,028	FALSE
0,002	0,318	0,000	0,008	0,011	FALSE
0,001	0,294	0,000	0,007	0,004	FALSE
0,103	0,304	0,004	0,011	0,126	FALSE
-0,022	0,308	0,000	0,008	0,001	FALSE
-0,063	0,314	-0,002	0,011	0,073	FALSE
0,087	0,313	0,004	0,010	0,143	FALSE
0,115	0,314	0,004	0,010	0,165	FALSE
-0,024	0,312	0,000	0,009	0,005	FALSE

-0,022	0,305	-0,002	0,010	0,066	FALSE
-0,012	0,321	0,000	0,011	0,014	FALSE
-0,046	0,309	-0,002	0,012	0,057	FALSE
0,000	0,313	0,000	0,008	0,021	FALSE
-0,013	0,312	-0,001	0,012	0,023	FALSE
0,024	0,318	0,001	0,007	0,029	FALSE
0,027	0,296	0,002	0,013	0,061	FALSE
0,055	0,315	0,001	0,013	0,043	FALSE
-0,079	0,305	-0,003	0,013	0,074	FALSE
0,102	0,299	0,002	0,007	0,113	FALSE
0,017	0,294	0,001	0,009	0,021	FALSE
0,085	0,310	0,003	0,011	0,095	FALSE
0,018	0,312	0,001	0,012	0,017	FALSE
0,022	0,323	0,001	0,012	0,018	FALSE
0,064	0,302	0,002	0,006	0,108	FALSE
0,062	0,301	0,002	0,007	0,106	FALSE
0,029	0,317	0,001	0,010	0,049	FALSE
-0,026	0,306	0,000	0,007	0,010	FALSE
-0,080	0,323	-0,002	0,007	0,091	FALSE
-0,009	0,295	0,000	0,007	0,017	FALSE
0,080	0,303	0,002	0,012	0,058	FALSE
0,009	0,314	0,000	0,013	0,004	FALSE
-0,066	0,323	-0,002	0,010	0,062	FALSE
-0,182	0,302	-0,008	0,013	0,274	FALSE
-0,128	0,301	-0,005	0,011	0,196	FALSE
0,093	0,298	0,002	0,008	0,110	FALSE
-0,014	0,319	0,000	0,009	0,011	FALSE
0,010	0,320	0,000	0,011	0,011	FALSE
-0,086	0,297	-0,002	0,008	0,108	FALSE
0,061	0,323	0,002	0,012	0,078	FALSE
0,117	0,301	0,002	0,007	0,134	FALSE
0,138	0,311	0,003	0,008	0,167	FALSE
0,101	0,307	0,004	0,010	0,149	FALSE
0,038	0,296	0,001	0,009	0,031	FALSE
0,042	0,292	0,002	0,011	0,058	FALSE
-0,044	0,317	0,000	0,007	0,022	FALSE
0,095	0,299	0,004	0,013	0,135	FALSE
-0,056	0,321	-0,002	0,012	0,065	FALSE
0,060	0,320	0,002	0,011	0,075	FALSE
0,073	0,306	0,002	0,010	0,092	FALSE
0,072	0,304	0,002	0,007	0,102	FALSE
0,074	0,299	0,003	0,012	0,102	FALSE
-0,008	0,310	0,000	0,012	0,013	FALSE
-0,043	0,305	-0,001	0,009	0,025	FALSE
0,031	0,308	0,001	0,008	0,048	FALSE
0,052	0,306	0,001	0,006	0,044	FALSE
0,023	0,315	0,000	0,007	0,013	FALSE
-0,081	0,305	-0,002	0,007	0,099	FALSE
0,006	0,302	0,000	0,011	0,011	FALSE
-0,098	0,302	-0,003	0,009	0,106	FALSE
0,039	0,312	0,001	0,009	0,060	FALSE
0,056	0,316	0,001	0,011	0,042	FALSE
0,029	0,312	0,000	0,012	0,007	FALSE

-0,133	0,300	-0,003	0,007	0,173	FALSE
0,150	0,304	0,004	0,008	0,204	FALSE
0,088	0,312	0,003	0,009	0,113	FALSE
-0,046	0,304	-0,001	0,006	0,047	FALSE
-0,115	0,311	-0,003	0,007	0,179	FALSE
-0,051	0,278	-0,001	0,007	0,024	FALSE
-0,043	0,306	-0,001	0,010	0,032	FALSE
0,021	0,304	0,000	0,006	0,027	FALSE
-0,001	0,294	0,000	0,012	0,006	FALSE
-0,015	0,309	0,000	0,013	0,010	FALSE
-0,013	0,315	0,000	0,009	0,007	FALSE
-0,115	0,298	-0,003	0,008	0,167	FALSE
-0,083	0,290	-0,002	0,007	0,142	FALSE
-0,019	0,311	-0,001	0,011	0,038	FALSE
-0,058	0,316	-0,002	0,009	0,066	FALSE
0,029	0,293	0,001	0,011	0,025	FALSE
-0,016	0,306	-0,001	0,012	0,031	FALSE
-0,085	0,313	-0,002	0,007	0,093	FALSE
0,047	0,302	0,001	0,008	0,067	FALSE
0,017	0,310	0,000	0,012	0,003	FALSE
-0,009	0,324	0,000	0,009	0,002	FALSE
-0,029	0,319	-0,001	0,013	0,038	FALSE
0,067	0,302	0,002	0,008	0,108	FALSE
0,108	0,318	0,002	0,006	0,148	FALSE
-0,018	0,316	-0,001	0,013	0,020	FALSE
-0,045	0,305	-0,001	0,006	0,048	FALSE
0,075	0,301	0,002	0,012	0,073	FALSE
0,173	0,301	0,003	0,007	0,215	FALSE
0,002	0,309	0,000	0,010	0,013	FALSE
-0,029	0,298	0,000	0,008	0,021	FALSE
0,034	0,308	0,002	0,009	0,061	FALSE
-0,013	0,301	0,000	0,010	0,009	FALSE
-0,009	0,311	-0,001	0,007	0,042	FALSE
-0,104	0,317	-0,002	0,007	0,123	FALSE
-0,057	0,310	-0,002	0,013	0,048	FALSE
0,098	0,296	0,003	0,012	0,105	FALSE
-0,070	0,319	-0,002	0,013	0,065	FALSE
-0,008	0,315	0,000	0,009	0,018	FALSE
-0,029	0,303	-0,001	0,008	0,054	FALSE
-0,028	0,314	-0,002	0,013	0,043	FALSE
-0,168	0,299	-0,005	0,010	0,200	FALSE
-0,113	0,297	-0,004	0,009	0,163	FALSE
-0,126	0,308	-0,003	0,007	0,145	FALSE
0,071	0,304	0,002	0,008	0,110	FALSE
0,096	0,308	0,005	0,012	0,150	FALSE
0,128	0,297	0,006	0,012	0,214	FALSE
0,067	0,310	0,002	0,012	0,076	FALSE
0,097	0,313	0,002	0,009	0,108	FALSE
-0,057	0,316	-0,002	0,008	0,069	FALSE
0,004	0,288	0,000	0,008	0,018	FALSE
0,004	0,319	0,000	0,009	0,004	FALSE
0,068	0,291	0,002	0,010	0,078	FALSE
0,041	0,311	0,001	0,006	0,060	FALSE

-0,086	0,316	-0,002	0,006	0,120	FALSE
-0,081	0,314	-0,003	0,013	0,096	FALSE
-0,061	0,297	-0,003	0,011	0,115	FALSE
0,020	0,306	0,001	0,007	0,035	FALSE
0,053	0,307	0,001	0,008	0,025	FALSE
0,042	0,316	0,001	0,011	0,025	FALSE
-0,044	0,318	-0,001	0,009	0,048	FALSE
-0,077	0,311	-0,003	0,012	0,097	FALSE
0,088	0,298	0,003	0,008	0,136	FALSE
0,069	0,309	0,003	0,010	0,112	FALSE
0,033	0,306	0,001	0,007	0,036	FALSE
0,044	0,297	0,001	0,007	0,036	FALSE
-0,113	0,313	-0,003	0,007	0,193	FALSE
0,055	0,306	0,001	0,008	0,069	FALSE
0,065	0,299	0,001	0,008	0,059	FALSE
0,003	0,305	-0,001	0,013	0,017	FALSE
-0,028	0,313	-0,002	0,013	0,050	FALSE
0,000	0,309	0,000	0,008	0,020	FALSE
0,050	0,308	0,001	0,006	0,037	FALSE
-0,038	0,316	-0,002	0,007	0,080	FALSE
0,071	0,311	0,002	0,008	0,074	FALSE
-0,095	0,314	-0,004	0,012	0,126	FALSE
-0,111	0,312	-0,005	0,013	0,151	FALSE
0,095	0,310	0,002	0,007	0,108	FALSE
-0,048	0,325	-0,002	0,012	0,060	FALSE
-0,028	0,327	-0,001	0,007	0,028	FALSE
0,159	0,312	0,005	0,009	0,224	FALSE
-0,078	0,290	-0,002	0,007	0,088	FALSE
-0,069	0,314	-0,004	0,012	0,120	FALSE
0,104	0,314	0,003	0,010	0,111	FALSE
0,070	0,307	0,003	0,010	0,122	FALSE
-0,050	0,306	-0,001	0,009	0,050	FALSE
-0,098	0,316	-0,003	0,008	0,141	FALSE
-0,014	0,319	-0,001	0,007	0,034	FALSE
-0,018	0,315	-0,001	0,009	0,023	FALSE
0,085	0,294	0,003	0,009	0,140	FALSE
0,046	0,315	0,001	0,008	0,042	FALSE
-0,028	0,304	-0,001	0,013	0,024	FALSE
0,001	0,308	0,000	0,007	0,006	FALSE
0,073	0,310	0,003	0,011	0,089	FALSE
-0,002	0,296	0,001	0,011	0,032	FALSE
-0,020	0,312	0,000	0,008	0,003	FALSE
-0,064	0,308	-0,003	0,012	0,088	FALSE
-0,059	0,308	-0,001	0,007	0,073	FALSE
-0,058	0,307	-0,003	0,012	0,094	FALSE
0,043	0,297	0,001	0,012	0,036	FALSE
0,026	0,307	0,000	0,012	0,015	FALSE
-0,057	0,313	-0,002	0,007	0,088	FALSE
-0,130	0,320	-0,004	0,009	0,166	FALSE
-0,029	0,311	-0,002	0,010	0,078	FALSE
-0,001	0,310	-0,001	0,011	0,021	FALSE
-0,018	0,303	-0,002	0,012	0,060	FALSE
-0,079	0,316	-0,003	0,010	0,101	FALSE

-0,077	0,304	-0,004	0,012	0,119	FALSE
0,020	0,293	0,000	0,011	0,007	FALSE
0,018	0,286	0,000	0,012	0,002	FALSE
-0,009	0,318	-0,001	0,013	0,029	FALSE
-0,085	0,301	-0,003	0,013	0,105	FALSE
-0,027	0,320	-0,001	0,007	0,027	FALSE
0,065	0,315	0,002	0,012	0,075	FALSE
0,055	0,308	0,002	0,012	0,063	FALSE
-0,146	0,291	-0,003	0,007	0,181	FALSE
-0,177	0,295	-0,007	0,012	0,242	FALSE
-0,078	0,299	-0,002	0,007	0,095	FALSE
-0,043	0,311	-0,002	0,012	0,074	FALSE
-0,070	0,304	-0,002	0,012	0,047	FALSE
-0,015	0,296	0,000	0,012	0,014	FALSE
0,103	0,296	0,004	0,010	0,171	FALSE
0,031	0,310	0,000	0,010	0,011	FALSE
-0,007	0,309	0,001	0,007	0,039	FALSE
0,195	0,303	0,004	0,008	0,253	FALSE
-0,008	0,309	0,000	0,007	0,008	FALSE
0,186	0,303	0,005	0,008	0,264	FALSE
0,229	0,303	0,006	0,009	0,303	FALSE
-0,053	0,308	-0,002	0,010	0,062	FALSE
0,002	0,318	0,000	0,013	0,002	FALSE
0,020	0,312	0,000	0,007	0,012	FALSE
-0,004	0,310	0,000	0,009	0,012	FALSE
-0,024	0,307	0,000	0,012	0,008	FALSE
0,003	0,311	0,000	0,011	0,003	FALSE
-0,030	0,305	-0,001	0,010	0,051	FALSE
-0,033	0,312	-0,001	0,009	0,041	FALSE
-0,034	0,306	-0,001	0,013	0,031	FALSE
-0,102	0,308	-0,003	0,009	0,133	FALSE
-0,135	0,296	-0,004	0,009	0,197	FALSE
-0,105	0,305	-0,003	0,009	0,141	FALSE
-0,107	0,309	-0,003	0,009	0,144	FALSE
-0,012	0,314	0,000	0,007	0,015	FALSE
0,079	0,301	0,002	0,008	0,114	FALSE
0,093	0,328	0,003	0,008	0,127	FALSE
-0,007	0,316	-0,001	0,009	0,022	FALSE
0,062	0,310	0,002	0,012	0,047	FALSE
0,149	0,304	0,004	0,010	0,185	FALSE
-0,074	0,306	-0,002	0,010	0,093	FALSE
-0,114	0,285	-0,005	0,012	0,170	FALSE
-0,035	0,305	-0,002	0,013	0,042	FALSE
-0,042	0,314	-0,001	0,009	0,052	FALSE
-0,096	0,306	-0,004	0,012	0,138	FALSE
0,126	0,297	0,005	0,012	0,156	FALSE
-0,174	0,300	-0,007	0,011	0,266	FALSE
-0,021	0,311	-0,001	0,011	0,017	FALSE
0,019	0,308	0,001	0,011	0,034	FALSE
-0,035	0,314	-0,001	0,009	0,044	FALSE
-0,102	0,305	-0,003	0,009	0,120	FALSE
0,058	0,292	0,002	0,009	0,099	FALSE
-0,092	0,303	-0,003	0,009	0,113	FALSE

-0,075	0,312	-0,002	0,008	0,108	FALSE
-0,023	0,304	0,000	0,007	0,013	FALSE
-0,018	0,307	0,000	0,006	0,003	FALSE
-0,046	0,314	-0,002	0,012	0,054	FALSE
0,029	0,305	0,001	0,008	0,055	FALSE
0,034	0,313	0,002	0,012	0,045	FALSE
-0,066	0,303	-0,002	0,008	0,074	FALSE
-0,031	0,309	-0,001	0,013	0,025	FALSE
0,043	0,322	0,001	0,013	0,037	FALSE
-0,148	0,299	-0,003	0,006	0,204	FALSE
-0,050	0,299	-0,002	0,009	0,071	FALSE
-0,092	0,302	-0,003	0,010	0,101	FALSE
0,029	0,314	0,001	0,007	0,035	FALSE
-0,102	0,297	-0,002	0,009	0,098	FALSE
0,064	0,304	0,002	0,006	0,103	FALSE
0,090	0,310	0,002	0,007	0,131	FALSE
-0,107	0,303	-0,002	0,007	0,129	FALSE
0,057	0,298	0,002	0,007	0,081	FALSE
-0,046	0,300	-0,002	0,012	0,071	FALSE
-0,026	0,278	0,000	0,006	0,028	FALSE
0,027	0,307	0,000	0,007	0,024	FALSE
0,024	0,302	0,001	0,006	0,029	FALSE
-0,033	0,307	-0,001	0,007	0,026	FALSE
0,123	0,297	0,004	0,008	0,214	FALSE
0,117	0,303	0,005	0,013	0,165	FALSE
-0,061	0,304	-0,002	0,009	0,104	FALSE
0,029	0,305	0,001	0,009	0,044	FALSE
0,023	0,298	0,001	0,007	0,030	FALSE
-0,070	0,311	-0,002	0,010	0,091	FALSE
-0,025	0,302	-0,001	0,008	0,025	FALSE
0,025	0,319	0,001	0,010	0,026	FALSE
-0,004	0,322	0,000	0,008	0,005	FALSE
0,026	0,313	0,001	0,012	0,035	FALSE
-0,125	0,298	-0,003	0,007	0,151	FALSE
0,094	0,301	0,003	0,009	0,110	FALSE
-0,074	0,299	-0,002	0,010	0,085	FALSE
0,005	0,307	0,000	0,007	0,008	FALSE
0,046	0,302	0,001	0,012	0,021	FALSE
0,037	0,317	0,001	0,007	0,051	FALSE
-0,059	0,325	-0,002	0,011	0,060	FALSE
-0,053	0,323	-0,001	0,007	0,043	FALSE
0,013	0,299	0,002	0,013	0,057	FALSE
0,008	0,319	0,000	0,009	0,004	FALSE
0,015	0,297	0,002	0,011	0,062	FALSE
-0,089	0,304	-0,004	0,011	0,135	FALSE
-0,058	0,313	-0,003	0,011	0,094	FALSE
-0,100	0,295	-0,003	0,007	0,152	FALSE
-0,097	0,298	-0,004	0,011	0,135	FALSE
-0,075	0,294	-0,003	0,010	0,116	FALSE
-0,094	0,317	-0,002	0,007	0,121	FALSE
-0,078	0,303	-0,002	0,012	0,069	FALSE
0,009	0,320	0,001	0,011	0,030	FALSE
-0,031	0,314	0,000	0,011	0,003	FALSE

-0,147	0,299	-0,006	0,012	0,198	FALSE
-0,007	0,305	0,000	0,007	0,002	FALSE
0,074	0,325	0,002	0,011	0,077	FALSE
0,079	0,308	0,002	0,007	0,118	FALSE
0,031	0,301	0,001	0,009	0,037	FALSE
-0,104	0,304	-0,004	0,012	0,132	FALSE
-0,040	0,313	-0,001	0,008	0,056	FALSE
-0,130	0,302	-0,003	0,008	0,142	FALSE
0,128	0,295	0,004	0,010	0,151	FALSE
-0,044	0,302	-0,002	0,009	0,071	FALSE
0,147	0,285	0,003	0,006	0,213	FALSE
0,003	0,311	0,000	0,007	0,021	FALSE
0,023	0,318	0,001	0,008	0,052	FALSE
-0,057	0,309	-0,001	0,007	0,051	FALSE
-0,136	0,307	-0,005	0,012	0,156	FALSE
0,240	0,297	0,004	0,006	0,324	FALSE
0,113	0,301	0,003	0,008	0,150	FALSE
-0,066	0,296	-0,001	0,006	0,077	FALSE
0,003	0,310	0,000	0,010	0,006	FALSE
-0,050	0,308	-0,001	0,013	0,041	FALSE
0,164	0,290	0,003	0,007	0,192	FALSE
0,095	0,309	0,002	0,006	0,146	FALSE
0,055	0,296	0,002	0,007	0,089	FALSE
-0,037	0,312	0,000	0,011	0,000	FALSE
-0,049	0,301	-0,001	0,007	0,053	FALSE
-0,072	0,300	-0,002	0,008	0,077	FALSE
-0,019	0,298	0,000	0,009	0,007	FALSE
-0,061	0,313	-0,001	0,008	0,056	FALSE
-0,050	0,306	-0,001	0,008	0,051	FALSE
0,063	0,321	0,003	0,011	0,089	FALSE
0,016	0,305	0,001	0,009	0,023	FALSE
-0,134	0,294	-0,003	0,007	0,166	FALSE
-0,043	0,292	-0,001	0,012	0,030	FALSE
-0,017	0,321	-0,001	0,009	0,034	FALSE
-0,127	0,312	-0,005	0,010	0,198	FALSE
0,046	0,314	0,002	0,008	0,076	FALSE
-0,066	0,297	-0,003	0,010	0,109	FALSE
-0,024	0,310	-0,001	0,011	0,033	FALSE
-0,045	0,303	-0,002	0,011	0,060	FALSE
0,014	0,317	0,000	0,008	0,016	FALSE
-0,094	0,317	-0,002	0,007	0,098	FALSE
0,007	0,309	0,000	0,010	0,016	FALSE
0,001	0,311	0,000	0,012	0,005	FALSE
0,089	0,301	0,003	0,007	0,148	FALSE
0,120	0,296	0,002	0,007	0,136	FALSE
0,018	0,323	0,001	0,011	0,037	FALSE
-0,008	0,305	-0,001	0,012	0,029	FALSE
0,036	0,309	0,001	0,012	0,039	FALSE
0,079	0,315	0,003	0,012	0,106	FALSE
-0,055	0,322	-0,002	0,009	0,064	FALSE
0,046	0,296	0,002	0,012	0,064	FALSE
-0,004	0,328	0,000	0,007	0,009	FALSE
-0,006	0,315	0,000	0,007	0,022	FALSE

-0,001	0,301	0,000	0,007	0,006	FALSE
-0,107	0,313	-0,003	0,008	0,157	FALSE
-0,050	0,300	-0,001	0,007	0,030	FALSE
0,054	0,305	0,002	0,012	0,073	FALSE
-0,025	0,299	-0,001	0,008	0,052	FALSE
0,059	0,297	0,003	0,013	0,088	FALSE
0,162	0,317	0,003	0,007	0,207	FALSE
-0,106	0,312	-0,004	0,009	0,155	FALSE
-0,012	0,317	-0,001	0,008	0,037	FALSE
-0,130	0,302	-0,005	0,012	0,171	FALSE
0,013	0,316	0,000	0,013	0,012	FALSE
0,027	0,305	0,000	0,009	0,000	FALSE
-0,020	0,314	0,000	0,008	0,004	FALSE
-0,049	0,306	-0,001	0,007	0,049	FALSE
0,061	0,315	0,002	0,006	0,089	FALSE
-0,044	0,315	-0,001	0,009	0,053	FALSE
-0,089	0,306	-0,002	0,006	0,114	FALSE
-0,050	0,289	-0,001	0,006	0,034	FALSE
0,099	0,309	0,003	0,009	0,132	FALSE
0,005	0,308	0,000	0,007	0,025	FALSE
0,100	0,298	0,003	0,007	0,164	FALSE
0,033	0,323	0,001	0,007	0,057	FALSE
0,041	0,300	0,001	0,006	0,045	FALSE
-0,054	0,314	-0,002	0,011	0,053	FALSE
0,165	0,301	0,006	0,012	0,226	FALSE
0,006	0,315	0,000	0,013	0,003	FALSE
-0,017	0,308	-0,001	0,012	0,018	FALSE
0,049	0,322	0,002	0,013	0,063	FALSE
-0,097	0,318	-0,003	0,010	0,113	FALSE
-0,081	0,305	-0,002	0,008	0,084	FALSE
-0,009	0,312	-0,001	0,007	0,039	FALSE
-0,052	0,306	-0,002	0,011	0,065	FALSE
-0,033	0,300	-0,002	0,011	0,054	FALSE
0,027	0,318	0,000	0,011	0,015	FALSE
0,001	0,311	-0,001	0,013	0,023	FALSE
0,077	0,308	0,003	0,010	0,129	FALSE
0,040	0,297	0,001	0,008	0,063	FALSE
0,024	0,302	0,002	0,009	0,071	FALSE
0,022	0,297	0,001	0,008	0,054	FALSE
0,064	0,296	0,003	0,012	0,091	FALSE
-0,129	0,312	-0,005	0,011	0,195	FALSE
0,024	0,291	0,000	0,009	0,000	FALSE
0,086	0,293	0,003	0,010	0,118	FALSE
0,069	0,297	0,002	0,011	0,084	FALSE
0,026	0,304	0,000	0,006	0,019	FALSE
0,039	0,304	0,001	0,009	0,027	FALSE
0,151	0,295	0,004	0,007	0,204	FALSE
0,144	0,303	0,004	0,008	0,201	FALSE
-0,021	0,314	-0,001	0,013	0,029	FALSE
-0,060	0,300	-0,002	0,012	0,061	FALSE
-0,164	0,307	-0,005	0,009	0,238	FALSE
0,148	0,306	0,003	0,007	0,192	FALSE
0,006	0,316	0,000	0,012	0,003	FALSE

0,017	0,309	-0,001	0,013	0,015	FALSE
-0,014	0,315	-0,002	0,012	0,048	FALSE
-0,037	0,318	-0,002	0,013	0,063	FALSE
-0,022	0,297	-0,002	0,012	0,066	FALSE
-0,025	0,311	-0,002	0,012	0,064	FALSE
0,170	0,280	0,006	0,013	0,191	FALSE
0,063	0,306	0,002	0,006	0,130	FALSE
-0,024	0,305	-0,001	0,011	0,037	FALSE
-0,059	0,315	-0,001	0,007	0,070	FALSE
-0,063	0,295	-0,002	0,007	0,085	FALSE
0,055	0,312	0,001	0,013	0,034	FALSE
0,050	0,307	0,002	0,010	0,071	FALSE
0,084	0,322	0,002	0,007	0,133	FALSE
0,013	0,302	0,000	0,012	0,000	FALSE
0,225	0,306	0,007	0,009	0,345	FALSE
0,175	0,304	0,006	0,010	0,249	FALSE
0,045	0,312	0,003	0,013	0,085	FALSE
0,032	0,323	0,002	0,013	0,050	FALSE
0,025	0,294	0,001	0,008	0,032	FALSE
0,052	0,301	0,001	0,011	0,042	FALSE
-0,069	0,323	-0,003	0,009	0,120	FALSE
-0,081	0,307	-0,004	0,012	0,127	FALSE
-0,041	0,304	-0,002	0,012	0,049	FALSE
-0,108	0,307	-0,004	0,009	0,170	FALSE
-0,106	0,297	-0,005	0,011	0,195	FALSE
-0,032	0,282	-0,001	0,007	0,044	FALSE
0,016	0,305	0,001	0,013	0,021	FALSE
-0,012	0,311	0,000	0,011	0,013	FALSE
0,017	0,306	0,000	0,012	0,004	FALSE
-0,082	0,302	-0,002	0,008	0,124	FALSE
-0,071	0,302	-0,002	0,008	0,091	FALSE
-0,120	0,307	-0,003	0,007	0,160	FALSE
0,207	0,288	0,005	0,008	0,289	FALSE
0,075	0,303	0,002	0,010	0,062	FALSE
-0,108	0,308	-0,005	0,012	0,159	FALSE
-0,081	0,299	-0,004	0,012	0,119	FALSE
-0,082	0,306	-0,004	0,012	0,117	FALSE
-0,070	0,308	-0,003	0,012	0,099	FALSE
-0,078	0,307	-0,004	0,012	0,116	FALSE
-0,016	0,311	-0,001	0,011	0,022	FALSE
0,077	0,308	0,002	0,007	0,122	FALSE
-0,067	0,297	-0,003	0,012	0,107	FALSE
-0,079	0,328	-0,002	0,008	0,075	FALSE
-0,023	0,314	0,000	0,011	0,016	FALSE
0,021	0,306	0,000	0,013	0,010	FALSE
-0,024	0,292	-0,001	0,010	0,024	FALSE
-0,049	0,303	-0,002	0,010	0,058	FALSE
0,038	0,302	0,001	0,012	0,031	FALSE
0,133	0,311	0,004	0,009	0,179	FALSE
-0,129	0,312	-0,005	0,013	0,143	FALSE
0,048	0,302	0,002	0,010	0,058	FALSE
-0,050	0,304	-0,001	0,008	0,039	FALSE
-0,071	0,300	-0,002	0,009	0,068	FALSE

-0,033	0,315	-0,001	0,008	0,051	FALSE
0,025	0,297	0,001	0,009	0,053	FALSE
-0,024	0,312	-0,002	0,012	0,045	FALSE
-0,097	0,307	-0,002	0,007	0,115	FALSE
-0,041	0,303	-0,001	0,008	0,035	FALSE
0,051	0,294	0,002	0,010	0,064	FALSE
0,034	0,312	0,001	0,007	0,043	FALSE
-0,010	0,311	0,000	0,008	0,005	FALSE
0,051	0,305	0,001	0,007	0,057	FALSE
-0,058	0,318	-0,002	0,010	0,089	FALSE
0,016	0,300	0,001	0,009	0,034	FALSE
0,041	0,318	0,002	0,009	0,065	FALSE
0,028	0,317	0,001	0,011	0,038	FALSE
0,038	0,307	0,002	0,012	0,064	FALSE
-0,010	0,320	0,000	0,007	0,018	FALSE
0,059	0,307	0,002	0,011	0,071	FALSE
-0,027	0,321	-0,001	0,010	0,026	FALSE
-0,044	0,298	-0,001	0,010	0,042	FALSE
-0,043	0,312	-0,002	0,009	0,088	FALSE
0,070	0,302	0,002	0,007	0,090	FALSE
-0,035	0,302	-0,002	0,013	0,067	FALSE
-0,138	0,303	-0,005	0,011	0,179	FALSE
0,078	0,289	0,003	0,007	0,162	FALSE
-0,041	0,313	-0,001	0,013	0,034	FALSE
-0,003	0,307	0,000	0,010	0,008	FALSE
0,099	0,308	0,003	0,008	0,126	FALSE
-0,012	0,306	-0,001	0,011	0,025	FALSE
-0,073	0,319	-0,002	0,009	0,084	FALSE
-0,175	0,311	-0,006	0,010	0,255	FALSE
-0,008	0,309	0,000	0,007	0,013	FALSE
0,014	0,302	0,000	0,007	0,005	FALSE
0,015	0,288	0,002	0,012	0,073	FALSE
-0,061	0,317	-0,002	0,007	0,100	FALSE
0,051	0,306	0,002	0,010	0,061	FALSE
-0,040	0,302	-0,001	0,008	0,062	FALSE
0,018	0,303	0,001	0,009	0,059	FALSE
-0,081	0,317	-0,003	0,011	0,111	FALSE
-0,023	0,309	-0,001	0,007	0,038	FALSE
-0,026	0,296	-0,001	0,006	0,045	FALSE
-0,040	0,299	-0,001	0,006	0,043	FALSE
-0,125	0,307	-0,005	0,010	0,202	FALSE
0,036	0,304	0,001	0,008	0,038	FALSE
0,056	0,314	0,002	0,011	0,062	FALSE
0,109	0,310	0,005	0,013	0,159	FALSE
0,091	0,302	0,002	0,007	0,139	FALSE
-0,006	0,316	0,000	0,012	0,014	FALSE
-0,096	0,310	-0,002	0,007	0,126	FALSE
-0,025	0,313	-0,001	0,011	0,024	FALSE
0,023	0,303	0,001	0,008	0,052	FALSE
0,089	0,313	0,003	0,008	0,132	FALSE
-0,047	0,307	-0,001	0,009	0,058	FALSE
-0,048	0,315	-0,002	0,010	0,063	FALSE
-0,009	0,315	0,000	0,007	0,006	FALSE

0,039	0,309	0,001	0,008	0,059	FALSE
0,025	0,314	0,001	0,012	0,019	FALSE
-0,135	0,307	-0,005	0,013	0,155	FALSE
-0,113	0,305	-0,004	0,013	0,135	FALSE
0,002	0,304	-0,001	0,011	0,038	FALSE
-0,099	0,318	-0,003	0,014	0,095	FALSE
-0,072	0,294	-0,002	0,008	0,081	FALSE
0,010	0,318	0,000	0,012	0,006	FALSE
-0,051	0,301	-0,001	0,008	0,057	FALSE
0,028	0,305	0,000	0,012	0,013	FALSE
-0,080	0,300	-0,002	0,009	0,089	FALSE
-0,061	0,304	-0,001	0,007	0,078	FALSE
0,059	0,286	0,001	0,012	0,038	FALSE
-0,074	0,329	-0,001	0,007	0,071	FALSE
-0,066	0,303	-0,001	0,007	0,075	FALSE
0,052	0,288	0,002	0,009	0,103	FALSE
-0,004	0,304	0,000	0,007	0,020	FALSE
0,044	0,306	0,001	0,009	0,056	FALSE
0,008	0,313	0,000	0,007	0,004	FALSE
-0,089	0,305	-0,002	0,008	0,094	FALSE
-0,061	0,310	-0,002	0,007	0,082	FALSE
0,202	0,305	0,006	0,009	0,323	FALSE
0,051	0,306	0,002	0,008	0,073	FALSE
-0,135	0,291	-0,004	0,008	0,202	FALSE
0,043	0,324	0,001	0,012	0,037	FALSE
-0,063	0,290	-0,004	0,012	0,119	FALSE
0,006	0,290	0,000	0,009	0,011	FALSE
-0,073	0,316	-0,003	0,009	0,116	FALSE
0,086	0,306	0,002	0,007	0,104	FALSE
0,080	0,315	0,003	0,008	0,123	FALSE
-0,060	0,306	-0,001	0,007	0,052	FALSE
0,078	0,307	0,003	0,009	0,134	FALSE
0,026	0,308	0,001	0,007	0,043	FALSE
0,111	0,310	0,004	0,012	0,123	FALSE
0,066	0,303	0,002	0,012	0,072	FALSE
-0,077	0,304	-0,001	0,006	0,068	FALSE
-0,078	0,303	-0,001	0,006	0,084	FALSE
0,050	0,305	0,001	0,010	0,048	FALSE
-0,018	0,303	0,000	0,011	0,000	FALSE
0,000	0,302	0,000	0,011	0,014	FALSE
-0,041	0,319	-0,001	0,012	0,036	FALSE
-0,022	0,302	0,000	0,011	0,004	FALSE
-0,016	0,315	0,000	0,012	0,012	FALSE
0,038	0,312	0,001	0,012	0,027	FALSE
-0,037	0,307	-0,001	0,009	0,040	FALSE
-0,095	0,310	-0,004	0,011	0,125	FALSE
0,025	0,319	0,001	0,006	0,037	FALSE
-0,093	0,303	-0,003	0,010	0,128	FALSE
-0,100	0,316	-0,004	0,012	0,133	FALSE
-0,107	0,305	-0,004	0,011	0,142	FALSE
0,028	0,318	0,001	0,009	0,040	FALSE
-0,059	0,314	-0,002	0,008	0,071	FALSE
0,012	0,297	0,000	0,008	0,015	FALSE

0,075	0,292	0,002	0,008	0,117	FALSE
0,020	0,309	0,000	0,007	0,022	FALSE
-0,007	0,311	0,000	0,007	0,014	FALSE
0,047	0,303	0,001	0,013	0,038	FALSE
-0,032	0,304	-0,001	0,012	0,015	FALSE
-0,015	0,296	-0,001	0,007	0,031	FALSE
-0,014	0,305	0,000	0,008	0,007	FALSE
-0,060	0,299	-0,001	0,007	0,052	FALSE
0,074	0,317	0,003	0,012	0,094	FALSE
-0,029	0,313	0,000	0,009	0,014	FALSE
-0,044	0,306	-0,001	0,009	0,042	FALSE
-0,007	0,300	-0,001	0,012	0,024	FALSE
0,039	0,305	0,001	0,012	0,025	FALSE
0,016	0,315	0,000	0,007	0,002	FALSE
0,018	0,321	0,001	0,008	0,036	FALSE
0,051	0,306	0,001	0,006	0,048	FALSE
0,048	0,309	0,002	0,009	0,076	FALSE
-0,086	0,312	-0,003	0,009	0,119	FALSE
0,082	0,306	0,002	0,007	0,118	FALSE
-0,049	0,323	-0,002	0,013	0,054	FALSE
-0,033	0,299	-0,002	0,012	0,072	FALSE
-0,013	0,305	0,000	0,012	0,008	FALSE
-0,159	0,311	-0,004	0,008	0,202	FALSE
-0,015	0,314	0,000	0,013	0,005	FALSE
0,084	0,313	0,002	0,007	0,082	FALSE
-0,019	0,312	0,000	0,006	0,012	FALSE
-0,032	0,312	-0,001	0,010	0,031	FALSE
-0,021	0,310	-0,002	0,010	0,055	FALSE
-0,064	0,314	-0,001	0,007	0,076	FALSE
0,047	0,313	0,001	0,007	0,065	FALSE
-0,128	0,304	-0,004	0,011	0,162	FALSE
0,049	0,310	0,002	0,012	0,054	FALSE
0,139	0,296	0,003	0,008	0,171	FALSE
-0,039	0,304	-0,002	0,012	0,061	FALSE
-0,023	0,301	0,000	0,009	0,002	FALSE
0,054	0,314	0,003	0,013	0,085	FALSE
-0,029	0,312	0,000	0,007	0,016	FALSE
-0,040	0,311	-0,001	0,007	0,031	FALSE
0,080	0,302	0,003	0,013	0,098	FALSE
0,077	0,287	0,003	0,013	0,105	FALSE
0,084	0,304	0,004	0,013	0,110	FALSE
-0,061	0,315	-0,001	0,010	0,041	FALSE
0,034	0,317	0,001	0,011	0,039	FALSE
-0,022	0,311	-0,001	0,013	0,024	FALSE
-0,139	0,294	-0,004	0,008	0,215	FALSE
0,051	0,316	0,002	0,011	0,062	FALSE
-0,096	0,298	-0,003	0,010	0,107	FALSE
0,087	0,299	0,003	0,007	0,153	FALSE
-0,057	0,304	-0,001	0,007	0,053	FALSE
-0,158	0,314	-0,006	0,012	0,224	FALSE
-0,147	0,289	-0,007	0,013	0,235	FALSE
-0,035	0,304	-0,001	0,006	0,033	FALSE
-0,020	0,316	0,000	0,012	0,013	FALSE

-0,030	0,306	0,000	0,007	0,012	FALSE
0,051	0,310	0,002	0,011	0,055	FALSE
0,128	0,302	0,003	0,008	0,143	FALSE
0,030	0,307	0,000	0,008	0,018	FALSE
0,008	0,313	0,000	0,007	0,008	FALSE
-0,017	0,311	0,000	0,014	0,007	FALSE
0,163	0,309	0,006	0,010	0,250	FALSE
0,188	0,292	0,008	0,011	0,336	FALSE
-0,089	0,301	-0,004	0,013	0,124	FALSE
-0,106	0,311	-0,005	0,013	0,159	FALSE
0,025	0,311	0,000	0,012	0,014	FALSE
-0,043	0,328	-0,001	0,007	0,035	FALSE
0,011	0,318	0,000	0,007	0,002	FALSE
0,006	0,302	0,000	0,009	0,003	FALSE
-0,048	0,292	-0,001	0,009	0,054	FALSE
0,256	0,303	0,010	0,012	0,407	FALSE
0,245	0,295	0,009	0,012	0,365	FALSE
0,253	0,292	0,009	0,011	0,371	FALSE
-0,101	0,294	-0,004	0,010	0,162	FALSE
-0,042	0,304	-0,002	0,011	0,080	FALSE
-0,085	0,305	-0,004	0,011	0,128	FALSE
0,026	0,301	0,001	0,007	0,041	FALSE
-0,087	0,289	-0,002	0,006	0,120	FALSE
-0,004	0,300	0,000	0,007	0,004	FALSE
-0,013	0,301	-0,001	0,012	0,021	FALSE
0,085	0,307	0,003	0,010	0,110	FALSE
-0,082	0,316	-0,002	0,008	0,125	FALSE
0,130	0,298	0,005	0,009	0,207	FALSE
0,155	0,279	0,005	0,008	0,262	FALSE
-0,049	0,329	-0,002	0,012	0,062	FALSE
0,019	0,313	0,000	0,013	0,014	FALSE
0,074	0,316	0,001	0,008	0,051	FALSE
0,031	0,302	0,000	0,009	0,005	FALSE
-0,044	0,302	-0,001	0,012	0,028	FALSE
0,033	0,309	0,001	0,009	0,026	FALSE
0,105	0,305	0,003	0,009	0,147	FALSE
-0,027	0,300	-0,001	0,011	0,032	FALSE
-0,162	0,281	-0,006	0,011	0,229	FALSE
0,022	0,307	0,001	0,007	0,028	FALSE
-0,146	0,301	-0,003	0,006	0,191	FALSE
-0,174	0,299	-0,003	0,006	0,226	FALSE
0,133	0,304	0,003	0,007	0,192	FALSE
0,047	0,297	0,001	0,008	0,023	FALSE
0,074	0,297	0,001	0,010	0,053	FALSE
-0,070	0,310	-0,001	0,010	0,047	FALSE
-0,001	0,315	0,001	0,011	0,020	FALSE
-0,029	0,314	-0,001	0,007	0,070	FALSE
0,017	0,307	0,001	0,010	0,041	FALSE
-0,039	0,300	-0,002	0,009	0,092	FALSE
0,063	0,312	0,001	0,012	0,043	FALSE
0,060	0,314	0,001	0,012	0,033	FALSE
0,064	0,314	0,002	0,007	0,094	FALSE
-0,177	0,325	-0,007	0,012	0,250	FALSE

-0,035	0,311	-0,001	0,009	0,035	FALSE
-0,042	0,312	-0,002	0,011	0,056	FALSE
-0,101	0,302	-0,004	0,011	0,134	FALSE
0,102	0,314	0,004	0,013	0,129	FALSE
0,140	0,292	0,003	0,008	0,158	FALSE
-0,081	0,308	-0,002	0,010	0,086	FALSE
-0,012	0,302	0,000	0,006	0,025	FALSE
-0,022	0,323	0,000	0,012	0,012	FALSE
-0,124	0,310	-0,003	0,010	0,142	FALSE
-0,108	0,307	-0,002	0,006	0,125	FALSE
-0,036	0,303	-0,001	0,013	0,041	FALSE
0,020	0,323	0,001	0,009	0,031	FALSE
-0,065	0,308	-0,001	0,009	0,042	FALSE
-0,003	0,303	0,000	0,012	0,002	FALSE
0,116	0,294	0,003	0,008	0,162	FALSE
0,058	0,311	0,001	0,007	0,047	FALSE
-0,015	0,295	-0,001	0,011	0,022	FALSE
-0,013	0,306	-0,001	0,011	0,022	FALSE
0,073	0,304	0,003	0,008	0,141	FALSE
0,089	0,304	0,003	0,007	0,164	FALSE
0,004	0,313	0,000	0,009	0,006	FALSE
-0,096	0,317	-0,003	0,011	0,106	FALSE
-0,063	0,319	-0,001	0,007	0,074	FALSE
0,157	0,303	0,003	0,007	0,219	FALSE
-0,018	0,313	0,000	0,007	0,022	FALSE
0,137	0,307	0,003	0,007	0,180	FALSE
0,038	0,315	0,001	0,007	0,028	FALSE
-0,132	0,307	-0,003	0,008	0,170	FALSE
0,044	0,309	0,002	0,013	0,049	FALSE
-0,090	0,299	-0,002	0,008	0,103	FALSE
-0,054	0,313	-0,002	0,008	0,072	FALSE
-0,006	0,317	-0,001	0,011	0,023	FALSE
0,050	0,304	0,001	0,007	0,048	FALSE
-0,021	0,304	-0,001	0,006	0,036	FALSE
0,062	0,305	0,002	0,012	0,072	FALSE
-0,034	0,308	-0,001	0,009	0,040	FALSE
0,094	0,294	0,003	0,008	0,148	FALSE
-0,018	0,314	0,000	0,008	0,006	FALSE
-0,073	0,315	-0,002	0,012	0,077	FALSE
-0,107	0,315	-0,004	0,010	0,149	FALSE
-0,087	0,309	-0,003	0,012	0,102	FALSE
-0,077	0,306	-0,001	0,007	0,064	FALSE
0,007	0,308	0,000	0,008	0,001	FALSE
0,017	0,314	0,000	0,008	0,008	FALSE
0,014	0,316	0,001	0,012	0,020	FALSE
0,107	0,311	0,003	0,012	0,112	FALSE
-0,034	0,295	-0,001	0,012	0,033	FALSE
0,071	0,313	0,002	0,012	0,064	FALSE
0,087	0,302	0,002	0,006	0,161	FALSE
0,029	0,325	0,000	0,007	0,014	FALSE
0,050	0,310	0,002	0,012	0,072	FALSE
-0,055	0,315	-0,003	0,012	0,082	FALSE
0,124	0,307	0,003	0,007	0,147	FALSE

0,052	0,307	0,001	0,009	0,041	FALSE
0,111	0,315	0,004	0,012	0,127	FALSE
-0,049	0,319	-0,002	0,012	0,054	FALSE
-0,013	0,307	0,000	0,010	0,001	FALSE
-0,055	0,308	-0,002	0,007	0,087	FALSE
0,023	0,284	0,001	0,010	0,045	FALSE
-0,006	0,295	0,000	0,011	0,003	FALSE
0,141	0,309	0,006	0,012	0,204	FALSE
0,138	0,307	0,006	0,012	0,196	FALSE
0,066	0,301	0,003	0,012	0,085	FALSE
-0,026	0,313	0,000	0,007	0,022	FALSE
0,010	0,305	0,001	0,008	0,037	FALSE
-0,193	0,293	-0,007	0,011	0,279	FALSE
-0,219	0,304	-0,006	0,009	0,294	FALSE
-0,071	0,313	-0,001	0,008	0,058	FALSE
-0,121	0,303	-0,005	0,013	0,165	FALSE
0,051	0,303	0,002	0,010	0,091	FALSE
0,100	0,308	0,003	0,012	0,090	FALSE
0,110	0,297	0,002	0,007	0,120	FALSE
0,030	0,306	0,000	0,013	0,005	FALSE
0,006	0,306	0,001	0,010	0,019	FALSE
0,095	0,307	0,002	0,008	0,099	FALSE
0,089	0,297	0,004	0,012	0,122	FALSE
-0,041	0,325	-0,002	0,012	0,062	FALSE
-0,059	0,318	-0,002	0,012	0,067	FALSE
-0,005	0,311	-0,001	0,011	0,023	FALSE
-0,027	0,312	-0,001	0,012	0,043	FALSE
0,052	0,304	0,002	0,008	0,084	FALSE
-0,063	0,303	-0,002	0,009	0,072	FALSE
0,042	0,310	0,000	0,013	0,002	FALSE
-0,013	0,321	0,000	0,008	0,013	FALSE
0,010	0,299	0,001	0,008	0,033	FALSE
-0,047	0,304	-0,001	0,011	0,036	FALSE
-0,054	0,317	-0,001	0,007	0,043	FALSE
0,147	0,291	0,005	0,011	0,178	FALSE
0,102	0,301	0,002	0,007	0,127	FALSE
0,020	0,310	0,000	0,008	0,012	FALSE
0,004	0,308	-0,001	0,011	0,024	FALSE
-0,096	0,310	-0,005	0,013	0,150	FALSE
-0,197	0,296	-0,005	0,008	0,276	FALSE
-0,053	0,306	-0,002	0,010	0,088	FALSE
-0,065	0,302	-0,001	0,010	0,055	FALSE
-0,015	0,307	0,000	0,010	0,003	FALSE
-0,118	0,322	-0,003	0,007	0,148	FALSE
-0,044	0,318	-0,001	0,010	0,037	FALSE
-0,037	0,307	-0,002	0,012	0,050	FALSE
0,217	0,295	0,005	0,006	0,331	FALSE
0,062	0,306	0,002	0,009	0,103	FALSE
-0,114	0,312	-0,006	0,013	0,183	FALSE
0,068	0,302	0,003	0,010	0,109	FALSE
0,065	0,296	0,003	0,010	0,093	FALSE
0,068	0,311	0,003	0,011	0,098	FALSE
0,005	0,308	0,000	0,009	0,006	FALSE

-0,022	0,307	0,000	0,009	0,012	FALSE
-0,202	0,312	-0,005	0,007	0,284	FALSE
0,036	0,309	0,001	0,007	0,056	FALSE
-0,063	0,301	-0,002	0,010	0,074	FALSE
0,033	0,310	0,000	0,007	0,006	FALSE
-0,092	0,318	-0,002	0,009	0,111	FALSE
-0,092	0,310	-0,002	0,008	0,108	FALSE
-0,019	0,310	-0,002	0,012	0,050	FALSE
-0,033	0,317	-0,002	0,011	0,073	FALSE
-0,109	0,302	-0,003	0,008	0,126	FALSE
0,060	0,313	0,002	0,012	0,072	FALSE
0,084	0,321	0,002	0,008	0,126	FALSE
0,061	0,312	0,003	0,012	0,089	FALSE
0,089	0,309	0,003	0,009	0,136	FALSE
-0,023	0,301	-0,001	0,012	0,016	FALSE
0,117	0,310	0,005	0,011	0,184	FALSE
-0,037	0,315	-0,001	0,011	0,052	FALSE
-0,025	0,302	-0,002	0,012	0,054	FALSE
0,024	0,295	0,001	0,010	0,024	FALSE
0,028	0,299	0,001	0,011	0,033	FALSE
-0,050	0,301	-0,002	0,010	0,087	FALSE
0,074	0,309	0,002	0,009	0,104	FALSE
0,011	0,309	0,000	0,007	0,020	FALSE
-0,116	0,314	-0,004	0,013	0,130	FALSE
-0,003	0,306	0,000	0,007	0,025	FALSE
0,061	0,296	0,002	0,012	0,059	FALSE
-0,036	0,294	-0,001	0,009	0,048	FALSE
0,089	0,311	0,004	0,011	0,131	FALSE
0,089	0,307	0,004	0,011	0,138	FALSE
-0,009	0,293	0,000	0,012	0,003	FALSE
0,086	0,310	0,003	0,013	0,091	FALSE
0,030	0,300	0,001	0,012	0,046	FALSE
0,028	0,304	0,002	0,009	0,061	FALSE
0,158	0,294	0,005	0,009	0,272	FALSE
-0,086	0,307	-0,002	0,008	0,113	FALSE
0,047	0,316	0,001	0,009	0,059	FALSE
-0,003	0,314	0,001	0,009	0,022	FALSE
0,006	0,310	0,001	0,009	0,031	FALSE
0,004	0,309	0,000	0,007	0,008	FALSE
0,143	0,314	0,004	0,010	0,163	FALSE
-0,035	0,303	-0,002	0,013	0,067	FALSE
-0,159	0,307	-0,007	0,012	0,248	FALSE
-0,197	0,311	-0,008	0,011	0,320	FALSE
-0,058	0,290	-0,002	0,009	0,098	FALSE
0,093	0,310	0,003	0,008	0,138	FALSE
-0,149	0,294	-0,006	0,011	0,239	FALSE
0,017	0,312	0,000	0,008	0,008	FALSE
-0,015	0,307	0,000	0,007	0,022	FALSE
0,059	0,300	0,003	0,013	0,082	FALSE
0,013	0,305	0,001	0,013	0,015	FALSE
-0,040	0,297	-0,001	0,007	0,036	FALSE
-0,169	0,312	-0,007	0,011	0,252	FALSE
-0,011	0,316	-0,001	0,009	0,062	FALSE

0,112	0,300	0,003	0,006	0,190	FALSE
0,054	0,301	0,002	0,012	0,073	FALSE
0,003	0,306	-0,001	0,008	0,042	FALSE
-0,057	0,293	-0,002	0,010	0,092	FALSE
-0,026	0,302	-0,001	0,011	0,040	FALSE
0,097	0,300	0,003	0,008	0,128	FALSE
-0,034	0,307	-0,002	0,011	0,052	FALSE
-0,130	0,304	-0,004	0,008	0,179	FALSE
0,075	0,307	0,003	0,013	0,089	FALSE
-0,113	0,315	-0,003	0,009	0,153	FALSE
-0,106	0,312	-0,003	0,009	0,148	FALSE
-0,152	0,290	-0,005	0,010	0,203	FALSE
-0,064	0,307	-0,001	0,007	0,052	FALSE
0,088	0,293	0,003	0,007	0,143	FALSE
-0,175	0,288	-0,007	0,010	0,298	FALSE
-0,176	0,298	-0,007	0,010	0,300	FALSE
0,127	0,305	0,004	0,008	0,195	FALSE
-0,155	0,307	-0,006	0,012	0,216	FALSE
0,131	0,303	0,004	0,011	0,147	FALSE
0,091	0,307	0,003	0,006	0,162	FALSE
-0,011	0,305	0,000	0,012	0,008	FALSE
-0,040	0,310	-0,001	0,013	0,034	FALSE
0,057	0,310	0,002	0,013	0,066	FALSE
-0,061	0,322	-0,002	0,013	0,065	FALSE
0,063	0,317	0,003	0,013	0,074	FALSE
0,005	0,301	0,000	0,011	0,001	FALSE
-0,092	0,324	-0,002	0,009	0,094	FALSE
0,120	0,310	0,003	0,008	0,138	FALSE
-0,027	0,309	-0,002	0,012	0,055	FALSE
0,087	0,312	0,003	0,007	0,141	FALSE
-0,038	0,309	-0,001	0,007	0,056	FALSE
-0,013	0,311	0,000	0,009	0,003	FALSE
0,054	0,303	0,001	0,008	0,055	FALSE
0,026	0,305	0,001	0,008	0,042	FALSE
0,017	0,316	0,000	0,011	0,012	FALSE
0,129	0,291	0,004	0,010	0,167	FALSE
0,000	0,304	0,000	0,008	0,009	FALSE
-0,022	0,306	-0,001	0,008	0,047	FALSE
0,097	0,308	0,003	0,009	0,142	FALSE
-0,041	0,320	-0,002	0,013	0,061	FALSE
-0,048	0,320	-0,002	0,012	0,052	FALSE
-0,021	0,306	0,000	0,007	0,009	FALSE
-0,245	0,304	-0,010	0,013	0,352	FALSE
-0,004	0,305	0,000	0,008	0,013	FALSE
-0,030	0,313	0,000	0,008	0,005	FALSE
0,006	0,306	0,000	0,006	0,028	FALSE
-0,138	0,296	-0,005	0,012	0,171	FALSE
0,098	0,301	0,002	0,007	0,123	FALSE
-0,008	0,316	0,000	0,011	0,004	FALSE
0,030	0,310	0,001	0,010	0,047	FALSE
0,035	0,308	0,001	0,006	0,030	FALSE
-0,053	0,306	-0,001	0,010	0,031	FALSE
-0,076	0,305	-0,002	0,008	0,100	FALSE

-0,082	0,296	-0,002	0,006	0,096	FALSE
0,017	0,322	0,000	0,012	0,012	FALSE
-0,052	0,323	-0,002	0,010	0,057	FALSE
0,165	0,306	0,005	0,009	0,225	FALSE
-0,021	0,302	0,000	0,007	0,017	FALSE
0,006	0,297	0,001	0,011	0,026	FALSE
-0,086	0,312	-0,002	0,008	0,119	FALSE
0,058	0,309	0,002	0,011	0,063	FALSE
-0,040	0,310	-0,001	0,007	0,039	FALSE
-0,031	0,323	-0,001	0,013	0,036	FALSE
-0,019	0,307	0,000	0,010	0,007	FALSE
-0,018	0,311	0,000	0,008	0,014	FALSE
0,036	0,298	0,000	0,006	0,008	FALSE
0,095	0,293	0,002	0,007	0,139	FALSE
0,069	0,296	0,001	0,006	0,081	FALSE
0,005	0,316	0,000	0,009	0,018	FALSE
0,001	0,315	-0,001	0,011	0,019	FALSE
-0,118	0,290	-0,005	0,011	0,168	FALSE
0,027	0,301	0,001	0,009	0,024	FALSE
-0,067	0,315	-0,002	0,008	0,088	FALSE
-0,005	0,317	0,000	0,008	0,006	FALSE
-0,164	0,303	-0,007	0,013	0,224	FALSE
0,054	0,308	0,002	0,012	0,050	FALSE
0,033	0,299	0,002	0,013	0,058	FALSE
-0,021	0,299	-0,001	0,008	0,027	FALSE
-0,003	0,302	0,000	0,012	0,004	FALSE
0,059	0,319	0,001	0,009	0,059	FALSE
0,061	0,317	0,001	0,008	0,053	FALSE
0,050	0,321	0,002	0,011	0,079	FALSE
0,039	0,309	0,001	0,009	0,048	FALSE
-0,057	0,301	-0,002	0,010	0,060	FALSE
0,033	0,321	0,002	0,013	0,047	FALSE
0,089	0,301	0,002	0,008	0,105	FALSE
0,007	0,314	0,000	0,009	0,009	FALSE
0,021	0,309	0,000	0,009	0,001	FALSE
0,047	0,310	0,002	0,008	0,075	FALSE
-0,040	0,307	-0,002	0,009	0,068	FALSE
0,120	0,307	0,005	0,011	0,167	FALSE
-0,054	0,310	-0,001	0,007	0,071	FALSE
0,117	0,304	0,003	0,008	0,165	FALSE
0,090	0,303	0,003	0,007	0,141	FALSE
-0,104	0,313	-0,002	0,007	0,124	FALSE
-0,192	0,290	-0,007	0,012	0,269	FALSE
0,062	0,296	0,002	0,007	0,087	FALSE
0,220	0,307	0,008	0,010	0,331	FALSE
0,041	0,302	0,002	0,010	0,071	FALSE
0,085	0,305	0,001	0,007	0,072	FALSE
0,174	0,307	0,008	0,013	0,247	FALSE
-0,045	0,330	-0,001	0,007	0,056	FALSE
-0,075	0,290	-0,002	0,011	0,067	FALSE
-0,003	0,303	0,001	0,009	0,025	FALSE
-0,026	0,322	-0,001	0,011	0,020	FALSE
-0,032	0,298	-0,001	0,010	0,027	FALSE

0,038	0,311	0,001	0,010	0,046	FALSE
-0,058	0,310	-0,001	0,009	0,037	FALSE
-0,091	0,321	-0,003	0,011	0,094	FALSE
0,116	0,290	0,003	0,007	0,170	FALSE
-0,080	0,306	-0,003	0,013	0,096	FALSE
0,096	0,303	0,004	0,012	0,147	FALSE
0,150	0,306	0,006	0,013	0,197	FALSE
0,084	0,310	0,002	0,007	0,117	FALSE
-0,165	0,289	-0,007	0,011	0,264	FALSE
-0,007	0,311	0,000	0,007	0,013	FALSE
-0,007	0,308	0,000	0,009	0,015	FALSE
-0,038	0,292	-0,001	0,011	0,042	FALSE
0,103	0,297	0,003	0,008	0,146	FALSE
0,008	0,301	0,000	0,008	0,003	FALSE
-0,069	0,300	-0,004	0,012	0,147	FALSE
0,000	0,297	0,000	0,007	0,002	FALSE
0,022	0,310	0,000	0,010	0,006	FALSE
0,031	0,299	0,000	0,006	0,022	FALSE
-0,167	0,291	-0,006	0,010	0,246	FALSE
-0,002	0,311	0,000	0,011	0,007	FALSE
0,091	0,302	0,002	0,006	0,111	FALSE
-0,096	0,305	-0,004	0,012	0,131	FALSE
-0,073	0,299	-0,002	0,007	0,118	FALSE
0,101	0,293	0,002	0,007	0,133	FALSE
-0,064	0,305	-0,002	0,009	0,093	FALSE
0,067	0,312	0,001	0,007	0,078	FALSE
-0,093	0,314	-0,003	0,012	0,103	FALSE
-0,013	0,306	0,000	0,009	0,002	FALSE
-0,122	0,310	-0,003	0,009	0,148	FALSE
0,019	0,309	0,000	0,007	0,017	FALSE
0,064	0,316	0,003	0,011	0,104	FALSE
0,081	0,289	0,003	0,012	0,082	FALSE
-0,028	0,308	0,000	0,006	0,020	FALSE
0,003	0,323	0,000	0,007	0,008	FALSE
-0,057	0,300	-0,002	0,007	0,110	FALSE
0,033	0,315	0,001	0,007	0,047	FALSE
0,053	0,306	0,001	0,008	0,042	FALSE
-0,004	0,317	-0,001	0,012	0,028	FALSE
-0,085	0,312	-0,001	0,007	0,074	FALSE
0,083	0,291	0,003	0,012	0,110	FALSE
0,019	0,304	0,001	0,010	0,038	FALSE
-0,050	0,315	-0,002	0,012	0,071	FALSE
0,065	0,318	0,002	0,008	0,090	FALSE
-0,081	0,313	-0,003	0,010	0,136	FALSE
-0,004	0,323	0,000	0,013	0,014	FALSE
-0,065	0,300	-0,003	0,011	0,088	FALSE
-0,083	0,317	-0,003	0,010	0,113	FALSE
0,005	0,306	0,000	0,011	0,007	FALSE
-0,008	0,297	0,000	0,009	0,016	FALSE
-0,114	0,306	-0,003	0,008	0,177	FALSE
-0,046	0,319	-0,001	0,009	0,030	FALSE
-0,056	0,312	-0,001	0,007	0,052	FALSE
-0,089	0,304	-0,002	0,007	0,102	FALSE

0,006	0,299	0,000	0,008	0,002	FALSE
-0,109	0,312	-0,002	0,007	0,110	FALSE
-0,001	0,317	0,000	0,006	0,017	FALSE
-0,125	0,314	-0,003	0,008	0,171	FALSE
-0,088	0,314	-0,002	0,009	0,111	FALSE
-0,018	0,304	0,000	0,008	0,017	FALSE
-0,065	0,305	-0,002	0,008	0,109	FALSE
-0,034	0,302	-0,003	0,012	0,086	FALSE
0,035	0,308	0,001	0,008	0,037	FALSE
0,008	0,317	0,000	0,008	0,011	FALSE
0,006	0,292	0,000	0,007	0,003	FALSE
-0,005	0,306	0,000	0,007	0,022	FALSE
0,035	0,304	0,001	0,007	0,030	FALSE
0,062	0,311	0,002	0,008	0,078	FALSE
0,065	0,291	0,002	0,007	0,077	FALSE
-0,057	0,304	-0,002	0,008	0,096	FALSE
-0,048	0,313	-0,001	0,007	0,071	FALSE
-0,120	0,315	-0,004	0,009	0,160	FALSE
0,048	0,300	0,000	0,012	0,010	FALSE
-0,065	0,300	-0,002	0,007	0,088	FALSE
0,036	0,308	0,001	0,007	0,055	FALSE
-0,017	0,322	0,000	0,009	0,000	FALSE
0,058	0,299	0,001	0,011	0,030	FALSE
-0,057	0,317	-0,002	0,007	0,097	FALSE
-0,013	0,296	0,000	0,011	0,000	FALSE
0,057	0,303	0,001	0,007	0,076	FALSE
0,010	0,303	0,000	0,008	0,015	FALSE
0,044	0,303	0,001	0,007	0,069	FALSE
-0,056	0,318	-0,002	0,008	0,089	FALSE
-0,007	0,279	0,000	0,008	0,007	FALSE
-0,096	0,315	-0,003	0,007	0,137	FALSE
-0,044	0,313	-0,001	0,006	0,077	FALSE
0,085	0,326	0,004	0,013	0,111	FALSE
0,066	0,301	0,002	0,011	0,056	FALSE
0,030	0,303	0,000	0,012	0,010	FALSE
-0,069	0,317	-0,002	0,008	0,097	FALSE
-0,104	0,311	-0,002	0,007	0,091	FALSE
0,121	0,300	0,004	0,008	0,183	FALSE
-0,018	0,300	0,000	0,006	0,021	FALSE
-0,036	0,302	0,000	0,006	0,014	FALSE
-0,065	0,307	-0,002	0,008	0,086	FALSE
0,008	0,324	0,000	0,007	0,009	FALSE
-0,043	0,292	-0,001	0,008	0,057	FALSE
0,057	0,305	0,001	0,007	0,059	FALSE
0,045	0,303	0,001	0,007	0,043	FALSE
-0,080	0,310	-0,002	0,007	0,106	FALSE
-0,094	0,304	-0,002	0,007	0,092	FALSE
0,027	0,312	0,001	0,007	0,038	FALSE
0,019	0,302	0,001	0,007	0,038	FALSE
0,066	0,307	0,001	0,007	0,075	FALSE
0,052	0,297	0,001	0,006	0,074	FALSE
0,032	0,304	0,001	0,010	0,019	FALSE
0,021	0,315	0,000	0,008	0,021	FALSE

-0,071	0,310	-0,002	0,007	0,087	FALSE
0,009	0,313	0,000	0,009	0,006	FALSE
0,039	0,302	0,001	0,006	0,067	FALSE
-0,064	0,312	-0,002	0,008	0,069	FALSE
-0,052	0,320	-0,001	0,008	0,063	FALSE
0,022	0,318	0,001	0,007	0,038	FALSE
0,011	0,290	0,000	0,013	0,001	FALSE
0,108	0,303	0,003	0,008	0,178	FALSE
0,035	0,305	0,001	0,007	0,061	FALSE
0,084	0,296	0,003	0,009	0,120	FALSE
-0,037	0,298	-0,002	0,009	0,092	FALSE
-0,018	0,307	0,000	0,007	0,013	FALSE
0,172	0,298	0,004	0,007	0,288	FALSE
0,025	0,301	0,001	0,012	0,030	FALSE
-0,032	0,305	-0,001	0,012	0,031	FALSE
0,045	0,311	0,001	0,007	0,065	FALSE
-0,053	0,301	-0,002	0,008	0,081	FALSE
0,034	0,302	0,002	0,008	0,079	FALSE
-0,101	0,296	-0,003	0,009	0,149	FALSE
0,002	0,312	0,000	0,010	0,014	FALSE
-0,048	0,295	-0,001	0,007	0,030	FALSE
-0,119	0,311	-0,003	0,008	0,164	FALSE
-0,107	0,308	-0,003	0,008	0,157	FALSE
-0,003	0,299	0,000	0,010	0,008	FALSE
-0,007	0,311	0,000	0,008	0,010	FALSE
0,086	0,313	0,001	0,008	0,046	FALSE
-0,067	0,314	-0,003	0,013	0,076	FALSE
0,075	0,321	0,003	0,008	0,126	FALSE
0,112	0,311	0,004	0,008	0,191	FALSE
-0,126	0,311	-0,003	0,007	0,177	FALSE
-0,008	0,302	-0,001	0,008	0,033	FALSE
0,069	0,312	0,002	0,011	0,081	FALSE
-0,003	0,309	0,000	0,010	0,007	FALSE
0,015	0,309	0,000	0,012	0,007	FALSE
0,072	0,302	0,003	0,012	0,087	FALSE
0,011	0,302	0,001	0,012	0,015	FALSE
-0,012	0,296	0,000	0,006	0,019	FALSE
0,003	0,317	0,000	0,009	0,004	FALSE
-0,009	0,301	0,000	0,008	0,020	FALSE
-0,131	0,310	-0,003	0,007	0,154	FALSE
0,051	0,302	0,002	0,012	0,077	FALSE
0,001	0,319	0,000	0,007	0,019	FALSE
-0,014	0,310	0,000	0,008	0,009	FALSE
-0,115	0,310	-0,002	0,007	0,130	FALSE
-0,019	0,296	-0,001	0,008	0,034	FALSE
0,080	0,309	0,003	0,009	0,132	FALSE
-0,016	0,321	0,000	0,007	0,000	FALSE
-0,004	0,315	0,000	0,007	0,014	FALSE
-0,004	0,295	-0,001	0,011	0,025	FALSE
-0,013	0,309	-0,001	0,008	0,028	FALSE
-0,037	0,312	-0,001	0,007	0,050	FALSE
-0,014	0,308	0,000	0,007	0,024	FALSE
0,037	0,306	0,001	0,008	0,067	FALSE

0,062	0,321	0,002	0,014	0,064	FALSE
-0,026	0,305	-0,001	0,013	0,032	FALSE
0,190	0,283	0,006	0,011	0,244	FALSE
-0,012	0,297	0,001	0,011	0,017	FALSE
0,112	0,298	0,003	0,007	0,140	FALSE
-0,026	0,294	-0,001	0,012	0,045	FALSE
0,084	0,306	0,002	0,007	0,121	FALSE
-0,018	0,300	-0,001	0,009	0,023	FALSE
0,089	0,297	0,003	0,013	0,097	FALSE
-0,088	0,312	-0,002	0,007	0,123	FALSE
0,030	0,309	0,000	0,012	0,011	FALSE
-0,039	0,320	-0,001	0,008	0,041	FALSE
0,048	0,323	0,001	0,011	0,043	FALSE
-0,056	0,307	-0,002	0,012	0,067	FALSE
-0,035	0,316	-0,001	0,012	0,041	FALSE
-0,025	0,303	0,000	0,011	0,008	FALSE
-0,056	0,321	-0,001	0,010	0,054	FALSE
0,154	0,301	0,003	0,008	0,164	FALSE
-0,049	0,322	-0,002	0,010	0,061	FALSE
0,079	0,298	0,003	0,012	0,105	FALSE
-0,027	0,317	-0,001	0,010	0,026	FALSE
0,045	0,303	0,001	0,006	0,046	FALSE
-0,038	0,312	-0,002	0,010	0,060	FALSE
-0,122	0,305	-0,002	0,006	0,149	FALSE
-0,140	0,306	-0,003	0,006	0,175	FALSE
-0,113	0,309	-0,002	0,006	0,146	FALSE
0,143	0,301	0,006	0,012	0,198	FALSE
-0,042	0,311	-0,001	0,012	0,041	FALSE
-0,093	0,321	-0,003	0,011	0,084	FALSE
-0,067	0,312	-0,002	0,009	0,097	FALSE
-0,057	0,309	-0,002	0,008	0,089	FALSE
-0,100	0,307	-0,003	0,012	0,084	FALSE
-0,065	0,319	-0,003	0,013	0,085	FALSE
-0,009	0,298	0,000	0,013	0,002	FALSE
-0,008	0,312	0,000	0,008	0,012	FALSE
-0,214	0,301	-0,009	0,012	0,326	FALSE
0,110	0,294	0,003	0,006	0,187	FALSE
-0,012	0,302	0,000	0,013	0,011	FALSE
0,041	0,317	0,001	0,013	0,042	FALSE
-0,092	0,316	-0,004	0,013	0,106	FALSE
-0,034	0,308	-0,001	0,008	0,035	FALSE
-0,094	0,292	-0,003	0,007	0,138	FALSE
-0,031	0,314	-0,001	0,012	0,032	FALSE
-0,040	0,325	-0,001	0,012	0,045	FALSE
0,035	0,309	0,001	0,008	0,043	FALSE
0,051	0,292	0,001	0,007	0,049	FALSE
0,049	0,316	0,002	0,007	0,091	FALSE
-0,043	0,306	-0,001	0,008	0,049	FALSE
0,147	0,305	0,006	0,012	0,202	FALSE
-0,092	0,295	-0,002	0,006	0,134	FALSE
0,044	0,310	0,001	0,013	0,038	FALSE
0,067	0,309	0,001	0,007	0,056	FALSE
-0,079	0,306	-0,002	0,008	0,089	FALSE

0,006	0,304	0,000	0,013	0,011	FALSE
-0,058	0,328	-0,002	0,011	0,054	FALSE
0,127	0,309	0,006	0,012	0,194	FALSE
-0,011	0,317	0,000	0,007	0,018	FALSE
-0,019	0,298	0,000	0,009	0,017	FALSE
0,031	0,313	0,001	0,007	0,035	FALSE
-0,077	0,301	-0,002	0,008	0,076	FALSE
0,047	0,317	0,002	0,012	0,047	FALSE
0,165	0,291	0,008	0,013	0,261	FALSE
0,034	0,307	0,001	0,009	0,043	FALSE
-0,066	0,315	-0,003	0,012	0,098	FALSE
0,075	0,312	0,003	0,011	0,111	FALSE
0,036	0,296	0,000	0,013	0,004	FALSE
-0,038	0,303	-0,001	0,010	0,049	FALSE
0,047	0,289	0,001	0,010	0,029	FALSE
-0,085	0,309	-0,002	0,007	0,085	FALSE
0,030	0,308	0,000	0,011	0,011	FALSE
0,110	0,308	0,003	0,009	0,153	FALSE
-0,040	0,312	-0,001	0,011	0,040	FALSE
-0,056	0,319	-0,002	0,011	0,069	FALSE
-0,037	0,319	-0,003	0,013	0,076	FALSE
0,019	0,306	0,000	0,012	0,015	FALSE
-0,029	0,318	-0,001	0,009	0,046	FALSE
0,063	0,320	0,002	0,010	0,070	FALSE
-0,032	0,296	-0,002	0,009	0,077	FALSE
-0,075	0,297	-0,003	0,011	0,106	FALSE
0,187	0,297	0,005	0,008	0,261	FALSE
-0,110	0,297	-0,002	0,006	0,132	FALSE
-0,098	0,310	-0,003	0,008	0,116	FALSE
0,043	0,311	0,001	0,007	0,067	FALSE
0,022	0,316	0,000	0,013	0,001	FALSE
0,050	0,298	0,001	0,010	0,052	FALSE
-0,117	0,308	-0,004	0,012	0,134	FALSE
-0,080	0,296	-0,002	0,009	0,083	FALSE
-0,089	0,309	-0,004	0,011	0,140	FALSE
-0,087	0,305	-0,003	0,012	0,102	FALSE
-0,104	0,299	-0,004	0,011	0,161	FALSE
0,006	0,292	0,000	0,009	0,009	FALSE
-0,009	0,300	-0,001	0,009	0,027	FALSE
0,075	0,315	0,002	0,007	0,102	FALSE
0,109	0,298	0,004	0,010	0,149	FALSE
0,037	0,310	0,001	0,007	0,069	FALSE
-0,033	0,306	-0,001	0,013	0,027	FALSE
-0,036	0,303	-0,001	0,012	0,029	FALSE
0,088	0,301	0,002	0,007	0,113	FALSE
-0,044	0,313	-0,002	0,012	0,062	FALSE
-0,010	0,295	0,000	0,007	0,022	FALSE
0,074	0,307	0,001	0,010	0,053	FALSE
-0,034	0,305	-0,001	0,006	0,037	FALSE
-0,002	0,309	0,000	0,008	0,002	FALSE
-0,071	0,314	-0,003	0,012	0,096	FALSE
0,019	0,304	0,000	0,008	0,017	FALSE
-0,157	0,305	-0,006	0,012	0,226	FALSE

-0,058	0,306	-0,002	0,010	0,066	FALSE
0,020	0,316	0,000	0,010	0,001	FALSE
0,021	0,305	0,000	0,009	0,003	FALSE
0,035	0,305	0,001	0,009	0,029	FALSE
0,086	0,291	0,001	0,006	0,089	FALSE
-0,004	0,297	0,000	0,008	0,023	FALSE
0,028	0,324	0,001	0,010	0,046	FALSE
-0,009	0,314	-0,001	0,009	0,020	FALSE
-0,055	0,305	-0,001	0,007	0,076	FALSE
-0,031	0,308	-0,001	0,006	0,050	FALSE
-0,094	0,322	-0,002	0,008	0,124	FALSE
0,002	0,318	0,000	0,007	0,001	FALSE
0,035	0,316	0,001	0,007	0,038	FALSE
0,059	0,321	0,001	0,007	0,070	FALSE
-0,048	0,294	-0,002	0,010	0,073	FALSE
0,052	0,313	0,001	0,009	0,057	FALSE
-0,091	0,308	-0,002	0,010	0,094	FALSE
-0,067	0,313	-0,002	0,009	0,097	FALSE
-0,089	0,312	-0,002	0,011	0,069	FALSE
-0,017	0,309	0,000	0,007	0,016	FALSE
-0,014	0,294	-0,001	0,008	0,024	FALSE
-0,016	0,307	-0,001	0,013	0,039	FALSE
0,098	0,303	0,003	0,011	0,125	FALSE
-0,058	0,305	-0,002	0,011	0,054	FALSE
-0,157	0,300	-0,004	0,008	0,213	FALSE
-0,104	0,315	-0,002	0,008	0,111	FALSE
-0,081	0,314	-0,002	0,008	0,100	FALSE
-0,030	0,309	0,000	0,012	0,012	FALSE
-0,023	0,302	-0,001	0,009	0,027	FALSE
-0,090	0,306	-0,002	0,009	0,098	FALSE
0,003	0,298	0,000	0,006	0,008	FALSE
-0,031	0,303	0,000	0,006	0,001	FALSE
-0,002	0,319	0,000	0,009	0,004	FALSE
-0,025	0,309	0,000	0,007	0,001	FALSE
-0,061	0,328	-0,001	0,007	0,051	FALSE
-0,011	0,312	0,000	0,009	0,010	FALSE
0,070	0,302	0,002	0,013	0,071	FALSE
-0,108	0,305	-0,004	0,011	0,159	FALSE
0,144	0,298	0,003	0,007	0,194	FALSE
-0,043	0,307	-0,002	0,011	0,058	FALSE
0,066	0,309	0,002	0,012	0,074	FALSE
0,168	0,300	0,004	0,006	0,262	FALSE
0,011	0,305	0,000	0,008	0,005	FALSE
-0,012	0,313	-0,001	0,012	0,028	FALSE
-0,108	0,298	-0,002	0,006	0,120	FALSE
0,072	0,321	0,002	0,007	0,104	FALSE
-0,037	0,314	-0,001	0,007	0,048	FALSE
0,040	0,310	0,001	0,006	0,064	FALSE
0,005	0,297	0,000	0,006	0,029	FALSE
-0,111	0,306	-0,005	0,011	0,168	FALSE
0,125	0,301	0,003	0,007	0,153	FALSE
0,082	0,299	0,003	0,013	0,083	FALSE
-0,036	0,279	-0,001	0,012	0,017	FALSE

0,031	0,302	0,001	0,012	0,017	FALSE
-0,065	0,307	-0,002	0,009	0,078	FALSE
-0,025	0,302	-0,001	0,009	0,041	FALSE
0,039	0,307	0,002	0,009	0,090	FALSE
0,108	0,326	0,003	0,013	0,105	FALSE
0,012	0,310	0,000	0,013	0,007	FALSE
-0,020	0,304	-0,001	0,010	0,028	FALSE
0,003	0,316	0,001	0,008	0,028	FALSE
0,121	0,309	0,002	0,007	0,140	FALSE
0,030	0,325	0,001	0,007	0,048	FALSE
0,062	0,303	0,002	0,009	0,088	FALSE
0,107	0,305	0,003	0,013	0,099	FALSE
0,050	0,303	0,003	0,010	0,099	FALSE
-0,054	0,304	-0,003	0,012	0,086	FALSE
-0,004	0,317	-0,001	0,011	0,032	FALSE
-0,142	0,302	-0,006	0,013	0,194	FALSE
-0,049	0,318	-0,001	0,007	0,065	FALSE
0,031	0,313	0,001	0,008	0,048	FALSE
0,065	0,304	0,002	0,009	0,106	FALSE
0,125	0,308	0,005	0,011	0,194	FALSE
-0,036	0,297	-0,001	0,007	0,026	FALSE
0,083	0,319	0,003	0,013	0,106	FALSE
-0,051	0,294	-0,001	0,008	0,038	FALSE
0,006	0,309	-0,001	0,010	0,022	FALSE
0,009	0,290	0,000	0,012	0,010	FALSE
0,103	0,317	0,003	0,012	0,110	FALSE
0,065	0,298	0,001	0,007	0,077	FALSE
-0,037	0,304	-0,001	0,008	0,064	FALSE
-0,004	0,297	-0,001	0,011	0,037	FALSE
-0,010	0,326	-0,001	0,012	0,021	FALSE
-0,044	0,330	-0,002	0,011	0,056	FALSE
-0,053	0,310	-0,002	0,009	0,075	FALSE
0,128	0,303	0,004	0,008	0,187	FALSE
-0,044	0,300	-0,001	0,013	0,036	FALSE
-0,019	0,309	0,000	0,009	0,016	FALSE
-0,086	0,309	-0,003	0,011	0,109	FALSE
0,166	0,302	0,004	0,006	0,278	FALSE
-0,227	0,300	-0,007	0,009	0,316	FALSE
-0,028	0,320	-0,001	0,012	0,036	FALSE
-0,032	0,293	-0,002	0,012	0,047	FALSE
-0,084	0,307	-0,002	0,007	0,101	FALSE
-0,047	0,307	-0,002	0,008	0,079	FALSE
-0,132	0,298	-0,006	0,012	0,211	FALSE
-0,100	0,309	-0,002	0,007	0,090	FALSE
-0,047	0,307	-0,002	0,013	0,064	FALSE
-0,069	0,303	-0,002	0,009	0,077	FALSE
0,047	0,292	0,001	0,010	0,024	FALSE
0,022	0,299	0,000	0,011	0,009	FALSE
0,099	0,290	0,003	0,012	0,102	FALSE
-0,075	0,311	-0,002	0,011	0,076	FALSE
0,172	0,303	0,007	0,012	0,236	FALSE
-0,045	0,289	-0,001	0,008	0,025	FALSE
0,018	0,304	0,001	0,009	0,039	FALSE

0,014	0,314	0,000	0,009	0,014	FALSE
-0,016	0,314	0,000	0,012	0,004	FALSE
-0,015	0,300	0,000	0,009	0,008	FALSE
0,006	0,311	0,001	0,012	0,020	FALSE
0,065	0,315	0,004	0,013	0,116	FALSE
0,040	0,324	0,002	0,014	0,065	FALSE
-0,047	0,308	-0,002	0,011	0,075	FALSE
-0,080	0,306	-0,001	0,006	0,081	FALSE
0,079	0,294	0,003	0,013	0,083	FALSE
0,043	0,318	0,001	0,013	0,030	FALSE
0,039	0,302	0,001	0,009	0,026	FALSE
-0,151	0,291	-0,005	0,012	0,178	FALSE
-0,088	0,294	-0,002	0,008	0,090	FALSE
0,086	0,300	0,002	0,009	0,073	FALSE
-0,104	0,326	-0,003	0,009	0,108	FALSE
-0,022	0,318	-0,002	0,013	0,049	FALSE
-0,019	0,307	-0,001	0,008	0,053	FALSE
-0,069	0,318	-0,002	0,007	0,082	FALSE
-0,004	0,309	0,000	0,012	0,007	FALSE
0,049	0,306	0,003	0,010	0,107	FALSE
-0,016	0,316	-0,001	0,008	0,039	FALSE
-0,021	0,303	-0,001	0,008	0,038	FALSE
0,002	0,307	0,000	0,007	0,015	FALSE
0,042	0,330	0,001	0,009	0,051	FALSE
-0,013	0,310	0,000	0,007	0,016	FALSE
-0,039	0,308	-0,001	0,007	0,042	FALSE
0,023	0,328	0,001	0,009	0,023	FALSE
-0,146	0,300	-0,003	0,007	0,186	FALSE
0,038	0,319	0,001	0,010	0,029	FALSE
0,101	0,306	0,002	0,007	0,133	FALSE
-0,093	0,302	-0,002	0,007	0,107	FALSE
-0,081	0,309	-0,002	0,008	0,103	FALSE
-0,084	0,314	-0,002	0,008	0,114	FALSE
-0,085	0,309	-0,002	0,007	0,106	FALSE
-0,113	0,311	-0,003	0,008	0,138	FALSE
-0,035	0,302	-0,001	0,008	0,047	FALSE
-0,059	0,303	-0,001	0,008	0,073	FALSE
-0,056	0,300	-0,001	0,007	0,064	FALSE
0,008	0,322	0,000	0,013	0,006	FALSE
-0,127	0,302	-0,006	0,011	0,216	FALSE
-0,099	0,320	-0,004	0,012	0,128	FALSE
-0,038	0,306	-0,001	0,009	0,058	FALSE
-0,021	0,312	-0,001	0,011	0,034	FALSE
0,009	0,300	0,000	0,009	0,006	FALSE
-0,166	0,301	-0,004	0,007	0,227	FALSE
-0,040	0,313	-0,002	0,009	0,070	FALSE
-0,007	0,301	0,000	0,009	0,007	FALSE
0,088	0,315	0,003	0,009	0,123	FALSE
-0,051	0,301	-0,002	0,009	0,096	FALSE
-0,113	0,301	-0,004	0,012	0,122	FALSE
-0,029	0,320	-0,001	0,012	0,044	FALSE
0,006	0,310	0,001	0,007	0,040	FALSE
0,126	0,313	0,005	0,012	0,154	FALSE

0,111	0,298	0,005	0,010	0,188	FALSE
0,000	0,301	0,000	0,011	0,001	FALSE
-0,080	0,306	-0,003	0,013	0,077	FALSE
-0,052	0,301	-0,003	0,011	0,092	FALSE
-0,057	0,306	-0,003	0,011	0,087	FALSE
0,141	0,317	0,004	0,010	0,178	FALSE
-0,160	0,304	-0,005	0,009	0,219	FALSE
0,000	0,301	-0,001	0,010	0,029	FALSE
-0,011	0,300	0,000	0,009	0,019	FALSE
0,063	0,320	0,002	0,011	0,084	FALSE
0,042	0,308	0,002	0,011	0,060	FALSE
0,011	0,306	0,000	0,008	0,013	FALSE
-0,185	0,319	-0,004	0,007	0,234	FALSE
0,066	0,307	0,002	0,008	0,125	FALSE
0,050	0,309	0,002	0,012	0,045	FALSE
0,091	0,291	0,003	0,007	0,176	FALSE
0,060	0,306	0,002	0,012	0,071	FALSE
-0,035	0,314	-0,001	0,012	0,040	FALSE
-0,013	0,306	0,000	0,007	0,011	FALSE
0,041	0,312	0,001	0,012	0,037	FALSE
-0,063	0,310	-0,002	0,008	0,078	FALSE
-0,029	0,294	-0,001	0,009	0,030	FALSE
-0,052	0,321	-0,002	0,011	0,066	FALSE
-0,049	0,312	-0,002	0,010	0,078	FALSE
-0,053	0,301	-0,001	0,011	0,035	FALSE
-0,036	0,289	-0,001	0,011	0,050	FALSE
-0,029	0,282	-0,001	0,011	0,047	FALSE
-0,015	0,296	-0,001	0,013	0,020	FALSE
0,058	0,314	0,001	0,010	0,043	FALSE
0,017	0,310	-0,001	0,012	0,020	FALSE
-0,052	0,302	-0,001	0,007	0,034	FALSE
0,001	0,309	0,000	0,009	0,006	FALSE
0,054	0,303	0,002	0,010	0,066	FALSE
0,027	0,307	0,001	0,009	0,050	FALSE
-0,041	0,305	-0,001	0,011	0,028	FALSE
0,071	0,302	0,002	0,006	0,097	FALSE
0,079	0,294	0,003	0,011	0,101	FALSE
0,099	0,307	0,005	0,012	0,153	FALSE
0,047	0,306	0,001	0,007	0,065	FALSE
-0,053	0,303	-0,001	0,007	0,070	FALSE
0,012	0,303	0,001	0,009	0,028	FALSE
0,051	0,316	0,002	0,012	0,063	FALSE
-0,132	0,316	-0,005	0,012	0,191	FALSE
0,172	0,305	0,004	0,008	0,207	FALSE
0,041	0,314	0,001	0,008	0,046	FALSE
0,145	0,309	0,006	0,012	0,210	FALSE
0,184	0,312	0,008	0,012	0,281	FALSE
0,008	0,310	0,000	0,012	0,014	FALSE
0,019	0,297	0,001	0,011	0,026	FALSE
-0,103	0,305	-0,004	0,012	0,112	FALSE
-0,055	0,309	-0,001	0,013	0,035	FALSE
-0,072	0,301	-0,004	0,012	0,150	FALSE
-0,035	0,306	-0,003	0,011	0,094	FALSE

-0,059	0,289	-0,004	0,010	0,136	FALSE
-0,093	0,314	-0,002	0,010	0,083	FALSE
0,022	0,319	0,001	0,008	0,045	FALSE
0,123	0,308	0,005	0,013	0,175	FALSE
0,036	0,290	0,001	0,008	0,041	FALSE
0,041	0,301	0,001	0,011	0,044	FALSE
0,028	0,326	0,001	0,012	0,023	FALSE
0,002	0,297	0,000	0,007	0,016	FALSE
-0,058	0,304	-0,001	0,012	0,027	FALSE
0,047	0,311	0,002	0,008	0,068	FALSE
0,098	0,302	0,004	0,011	0,145	FALSE
-0,013	0,309	0,000	0,007	0,013	FALSE
0,018	0,305	0,000	0,010	0,010	FALSE
-0,049	0,309	-0,002	0,013	0,071	FALSE
0,022	0,308	0,001	0,012	0,034	FALSE
0,047	0,309	0,001	0,007	0,032	FALSE
-0,032	0,325	-0,001	0,009	0,030	FALSE
0,036	0,305	0,001	0,008	0,027	FALSE
0,085	0,302	0,003	0,011	0,118	FALSE
-0,004	0,299	0,000	0,010	0,011	FALSE
0,024	0,308	0,001	0,009	0,024	FALSE
-0,057	0,311	-0,001	0,007	0,047	FALSE
0,027	0,312	0,001	0,008	0,038	FALSE
-0,100	0,306	-0,001	0,007	0,085	FALSE
-0,008	0,309	0,000	0,006	0,019	FALSE
0,043	0,304	0,003	0,012	0,091	FALSE
0,050	0,302	0,003	0,013	0,086	FALSE
-0,078	0,318	-0,002	0,006	0,097	FALSE
-0,069	0,307	-0,002	0,010	0,077	FALSE
-0,045	0,319	-0,001	0,011	0,048	FALSE
0,086	0,308	0,003	0,011	0,089	FALSE
-0,076	0,309	-0,002	0,007	0,096	FALSE
-0,027	0,309	0,000	0,007	0,019	FALSE
-0,009	0,295	-0,001	0,013	0,040	FALSE
0,028	0,320	0,001	0,011	0,027	FALSE
0,018	0,320	0,000	0,011	0,006	FALSE
-0,143	0,306	-0,004	0,008	0,203	FALSE
-0,051	0,296	-0,001	0,012	0,034	FALSE
-0,013	0,311	-0,001	0,007	0,029	FALSE
-0,076	0,308	-0,003	0,012	0,082	FALSE
0,009	0,308	-0,001	0,009	0,023	FALSE
-0,090	0,310	-0,002	0,008	0,100	FALSE
-0,003	0,305	0,001	0,007	0,043	FALSE
-0,041	0,324	-0,001	0,008	0,040	FALSE
0,010	0,316	0,001	0,009	0,033	FALSE
0,085	0,315	0,002	0,011	0,072	FALSE
-0,027	0,317	0,000	0,008	0,015	FALSE
0,001	0,304	0,000	0,011	0,000	FALSE
0,082	0,307	0,003	0,013	0,081	FALSE
-0,049	0,309	-0,002	0,012	0,050	FALSE
-0,045	0,309	-0,001	0,011	0,042	FALSE
-0,118	0,311	-0,006	0,013	0,189	FALSE
-0,128	0,316	-0,004	0,010	0,143	FALSE

-0,058	0,307	-0,003	0,012	0,077	FALSE
-0,085	0,315	-0,002	0,007	0,090	FALSE
-0,086	0,312	-0,002	0,007	0,097	FALSE
0,054	0,312	0,002	0,013	0,058	FALSE
0,053	0,299	0,001	0,010	0,044	FALSE
-0,030	0,325	-0,001	0,013	0,039	FALSE
0,054	0,318	0,001	0,010	0,051	FALSE
0,030	0,317	0,001	0,009	0,038	FALSE
0,083	0,312	0,003	0,012	0,103	FALSE
0,105	0,314	0,004	0,012	0,131	FALSE
0,042	0,315	0,002	0,010	0,061	FALSE
-0,029	0,304	-0,001	0,012	0,024	FALSE
0,044	0,303	0,002	0,010	0,079	FALSE
-0,046	0,307	-0,002	0,013	0,061	FALSE
-0,108	0,300	-0,004	0,011	0,151	FALSE
0,008	0,298	0,001	0,006	0,034	FALSE
-0,022	0,327	-0,001	0,013	0,022	FALSE
0,064	0,307	0,003	0,012	0,079	FALSE
-0,101	0,307	-0,004	0,011	0,160	FALSE
0,004	0,309	0,001	0,009	0,032	FALSE
-0,086	0,308	-0,001	0,008	0,067	FALSE
0,047	0,311	0,002	0,009	0,071	FALSE
0,035	0,300	0,001	0,011	0,043	FALSE
-0,107	0,303	-0,003	0,007	0,157	FALSE
0,057	0,300	0,002	0,008	0,082	FALSE
0,144	0,292	0,005	0,012	0,190	FALSE
0,149	0,308	0,006	0,013	0,185	TRUE
0,005	0,308	0,000	0,007	0,010	FALSE
0,058	0,306	0,002	0,008	0,094	FALSE
0,154	0,311	0,004	0,007	0,225	FALSE
-0,142	0,295	-0,006	0,011	0,239	FALSE
0,158	0,305	0,004	0,007	0,235	FALSE
0,023	0,310	0,000	0,007	0,008	FALSE
0,079	0,302	0,004	0,012	0,125	FALSE
-0,021	0,309	0,000	0,012	0,005	FALSE
-0,027	0,312	-0,001	0,007	0,051	FALSE
-0,085	0,302	-0,004	0,011	0,120	FALSE
-0,206	0,311	-0,008	0,012	0,285	FALSE
0,074	0,300	0,002	0,006	0,107	FALSE
0,066	0,300	0,001	0,008	0,057	FALSE
-0,026	0,315	-0,001	0,009	0,025	FALSE
-0,112	0,319	-0,003	0,011	0,126	FALSE
-0,003	0,316	0,000	0,012	0,009	FALSE
-0,024	0,305	-0,002	0,011	0,082	FALSE
0,046	0,311	0,001	0,006	0,077	FALSE
-0,168	0,299	-0,005	0,008	0,256	FALSE
-0,052	0,317	-0,001	0,007	0,072	FALSE
0,115	0,304	0,004	0,011	0,145	FALSE
-0,015	0,314	0,000	0,007	0,021	FALSE
0,127	0,298	0,004	0,008	0,191	FALSE
0,064	0,317	0,002	0,010	0,074	FALSE
-0,061	0,326	-0,002	0,009	0,082	FALSE
-0,101	0,311	-0,002	0,007	0,141	FALSE

-0,131	0,306	-0,003	0,007	0,172	FALSE
0,000	0,322	0,000	0,010	0,007	FALSE
-0,034	0,303	-0,002	0,012	0,060	FALSE
-0,056	0,313	-0,003	0,013	0,076	FALSE
0,024	0,295	0,001	0,008	0,060	FALSE
0,006	0,301	0,001	0,010	0,030	FALSE
0,036	0,309	0,001	0,007	0,045	FALSE
0,012	0,304	0,001	0,010	0,045	FALSE
0,009	0,310	0,000	0,008	0,012	FALSE
0,114	0,289	0,005	0,012	0,148	FALSE
0,136	0,307	0,002	0,006	0,155	FALSE
-0,090	0,290	-0,003	0,011	0,122	FALSE
-0,015	0,303	0,000	0,006	0,011	FALSE
0,119	0,304	0,003	0,007	0,167	FALSE
0,021	0,319	0,001	0,007	0,029	FALSE
-0,034	0,284	-0,001	0,011	0,039	FALSE
-0,052	0,310	-0,002	0,013	0,054	FALSE
0,002	0,294	0,000	0,009	0,009	FALSE
0,068	0,312	0,002	0,010	0,082	FALSE
0,066	0,305	0,002	0,010	0,088	FALSE
-0,014	0,304	-0,002	0,013	0,047	FALSE
0,079	0,309	0,003	0,010	0,115	FALSE
0,063	0,310	0,003	0,010	0,093	FALSE
0,052	0,296	0,002	0,011	0,061	FALSE
0,018	0,298	0,001	0,009	0,028	FALSE
0,039	0,322	0,001	0,012	0,044	FALSE
-0,071	0,322	-0,003	0,010	0,111	FALSE
-0,063	0,300	-0,002	0,009	0,100	FALSE
0,059	0,316	0,002	0,012	0,062	FALSE
0,021	0,314	0,001	0,013	0,026	FALSE
-0,082	0,307	-0,002	0,007	0,098	FALSE
0,039	0,306	0,001	0,007	0,046	FALSE
0,091	0,301	0,002	0,006	0,118	FALSE
0,058	0,310	0,002	0,012	0,075	FALSE
0,041	0,323	0,000	0,009	0,015	FALSE
0,121	0,306	0,005	0,012	0,168	FALSE
0,051	0,293	0,002	0,012	0,068	FALSE
-0,002	0,300	0,000	0,012	0,011	FALSE
-0,055	0,309	-0,002	0,013	0,062	FALSE
0,051	0,302	0,002	0,008	0,076	FALSE
-0,055	0,312	-0,002	0,011	0,068	FALSE
-0,017	0,310	-0,001	0,012	0,029	FALSE
-0,130	0,298	-0,005	0,011	0,173	FALSE
-0,080	0,301	-0,003	0,012	0,102	FALSE
-0,055	0,298	-0,003	0,010	0,105	FALSE
0,134	0,299	0,003	0,006	0,194	FALSE
0,098	0,309	0,003	0,008	0,127	FALSE
-0,091	0,307	-0,002	0,007	0,106	FALSE
0,107	0,319	0,003	0,008	0,128	FALSE
0,070	0,292	0,003	0,008	0,132	FALSE
0,058	0,302	0,002	0,009	0,111	FALSE
-0,006	0,323	0,000	0,013	0,007	FALSE
-0,029	0,298	-0,001	0,006	0,032	FALSE

-0,005	0,315	0,000	0,007	0,002	FALSE
0,069	0,295	0,001	0,007	0,061	FALSE
-0,005	0,308	-0,001	0,009	0,030	FALSE
-0,123	0,311	-0,004	0,011	0,139	FALSE
-0,014	0,304	-0,002	0,011	0,056	FALSE
0,078	0,284	0,004	0,011	0,157	FALSE
-0,151	0,307	-0,004	0,008	0,188	FALSE
-0,045	0,308	-0,001	0,007	0,059	FALSE
-0,001	0,309	0,000	0,007	0,011	FALSE
-0,075	0,318	-0,004	0,010	0,142	FALSE
-0,075	0,308	-0,002	0,008	0,086	FALSE
0,212	0,300	0,005	0,007	0,345	FALSE
-0,091	0,312	-0,004	0,010	0,148	FALSE
-0,037	0,311	-0,001	0,010	0,054	FALSE
0,011	0,298	0,000	0,010	0,016	FALSE
-0,092	0,310	-0,004	0,012	0,127	FALSE
0,045	0,324	0,001	0,012	0,042	FALSE
-0,102	0,303	-0,003	0,009	0,139	FALSE
0,049	0,282	0,001	0,007	0,069	FALSE
-0,034	0,313	-0,001	0,009	0,041	FALSE
0,108	0,315	0,004	0,011	0,136	FALSE
0,163	0,287	0,004	0,006	0,271	FALSE
0,067	0,314	0,003	0,011	0,101	FALSE
0,191	0,303	0,008	0,011	0,310	FALSE
0,145	0,298	0,004	0,007	0,205	FALSE
0,124	0,319	0,003	0,008	0,171	FALSE
0,001	0,320	0,001	0,010	0,019	FALSE
0,042	0,305	0,000	0,006	0,026	FALSE
-0,030	0,307	0,000	0,009	0,012	FALSE
0,070	0,300	0,002	0,007	0,097	FALSE
0,015	0,308	0,000	0,012	0,004	FALSE
-0,058	0,302	-0,001	0,007	0,054	FALSE
0,074	0,298	0,003	0,012	0,087	FALSE
-0,037	0,312	-0,001	0,009	0,031	FALSE
0,056	0,310	0,002	0,007	0,081	FALSE
-0,046	0,318	-0,001	0,006	0,050	FALSE
-0,095	0,313	-0,003	0,009	0,118	FALSE
-0,133	0,305	-0,003	0,007	0,175	FALSE
-0,062	0,309	-0,001	0,007	0,050	FALSE
0,163	0,303	0,003	0,007	0,213	FALSE
0,077	0,307	0,003	0,012	0,083	FALSE
0,059	0,306	0,002	0,008	0,089	FALSE
-0,064	0,306	-0,002	0,010	0,070	FALSE
0,100	0,299	0,003	0,008	0,135	FALSE
0,024	0,309	0,000	0,010	0,011	FALSE
0,152	0,307	0,004	0,009	0,190	FALSE
-0,045	0,307	-0,002	0,012	0,046	FALSE
-0,006	0,311	0,000	0,006	0,016	FALSE
0,062	0,321	0,002	0,011	0,055	FALSE
0,037	0,302	0,001	0,007	0,072	FALSE
-0,028	0,310	0,000	0,008	0,009	FALSE
0,048	0,313	0,002	0,007	0,085	FALSE
0,003	0,302	-0,001	0,011	0,029	FALSE

0,012	0,295	-0,001	0,011	0,028	FALSE
0,040	0,299	0,001	0,007	0,034	FALSE
0,028	0,306	0,000	0,012	0,008	FALSE
0,072	0,315	0,002	0,011	0,081	FALSE
0,203	0,292	0,007	0,011	0,276	FALSE
0,183	0,297	0,006	0,011	0,245	FALSE
0,096	0,302	0,004	0,013	0,139	FALSE
0,124	0,307	0,003	0,007	0,179	FALSE
0,149	0,301	0,003	0,007	0,219	FALSE
-0,069	0,294	-0,003	0,008	0,129	FALSE
-0,061	0,308	-0,001	0,009	0,051	FALSE
0,012	0,315	0,001	0,009	0,022	FALSE
0,021	0,300	0,001	0,007	0,029	FALSE
-0,073	0,309	-0,001	0,006	0,037	FALSE
-0,037	0,287	-0,002	0,009	0,068	FALSE
-0,070	0,305	-0,002	0,008	0,095	FALSE
-0,034	0,302	-0,001	0,008	0,036	FALSE
0,053	0,301	0,001	0,007	0,063	FALSE
-0,061	0,307	-0,002	0,010	0,067	FALSE
-0,094	0,304	-0,002	0,007	0,121	FALSE
-0,076	0,312	-0,002	0,009	0,077	FALSE
-0,020	0,303	-0,001	0,011	0,017	FALSE
-0,094	0,314	-0,002	0,009	0,098	FALSE
0,127	0,298	0,006	0,013	0,191	FALSE
0,050	0,303	0,002	0,012	0,073	FALSE
0,018	0,294	0,001	0,009	0,040	FALSE
0,064	0,304	0,003	0,013	0,097	FALSE
-0,105	0,315	-0,003	0,007	0,152	FALSE
-0,132	0,303	-0,003	0,007	0,184	FALSE
0,062	0,303	0,002	0,010	0,085	FALSE
0,068	0,302	0,002	0,010	0,097	FALSE
0,049	0,306	0,002	0,013	0,069	FALSE
-0,108	0,305	-0,003	0,008	0,167	FALSE
0,055	0,303	0,002	0,006	0,096	FALSE
-0,039	0,312	-0,002	0,010	0,089	FALSE
-0,082	0,287	-0,004	0,012	0,126	FALSE
-0,075	0,306	-0,003	0,013	0,094	FALSE
-0,019	0,307	0,000	0,008	0,023	FALSE
-0,088	0,298	-0,002	0,007	0,116	FALSE
-0,035	0,318	-0,002	0,012	0,051	FALSE
-0,085	0,300	-0,004	0,010	0,147	FALSE
0,094	0,291	0,003	0,011	0,098	FALSE
-0,197	0,302	-0,005	0,007	0,268	FALSE
-0,166	0,297	-0,006	0,011	0,250	FALSE
-0,182	0,296	-0,004	0,007	0,242	FALSE
-0,197	0,307	-0,004	0,007	0,267	FALSE
-0,009	0,305	0,000	0,010	0,014	FALSE
0,014	0,327	0,000	0,007	0,012	FALSE
0,084	0,308	0,002	0,006	0,134	FALSE
-0,030	0,307	-0,001	0,008	0,061	FALSE
-0,034	0,288	0,000	0,006	0,022	FALSE
-0,055	0,301	-0,001	0,007	0,046	FALSE
-0,008	0,319	0,000	0,009	0,016	FALSE

0,097	0,299	0,003	0,007	0,135	FALSE
0,049	0,306	0,001	0,007	0,053	FALSE
-0,023	0,307	0,000	0,007	0,020	FALSE
0,053	0,311	0,001	0,008	0,032	FALSE
-0,034	0,309	0,000	0,007	0,003	FALSE
0,011	0,298	0,000	0,008	0,019	FALSE
-0,014	0,303	0,000	0,009	0,020	FALSE
0,055	0,305	0,002	0,012	0,067	FALSE
0,041	0,326	0,001	0,011	0,048	FALSE
0,078	0,316	0,002	0,007	0,089	FALSE
-0,118	0,299	-0,005	0,012	0,171	FALSE
-0,144	0,307	-0,006	0,012	0,207	FALSE
0,101	0,314	0,004	0,012	0,128	FALSE
0,090	0,288	0,004	0,009	0,153	FALSE
0,056	0,308	0,001	0,007	0,070	FALSE
0,040	0,317	0,001	0,011	0,018	FALSE
0,019	0,300	0,000	0,007	0,013	FALSE
-0,017	0,313	0,000	0,007	0,017	FALSE
0,055	0,310	0,002	0,011	0,076	FALSE
0,092	0,306	0,004	0,010	0,145	FALSE
-0,136	0,312	-0,003	0,007	0,146	FALSE
-0,127	0,313	-0,002	0,007	0,125	FALSE
-0,006	0,318	0,000	0,009	0,014	FALSE
0,054	0,308	0,003	0,011	0,109	FALSE
-0,125	0,309	-0,003	0,007	0,157	FALSE
-0,082	0,309	-0,002	0,007	0,090	FALSE
0,006	0,321	0,001	0,007	0,035	FALSE
0,109	0,308	0,003	0,008	0,142	FALSE
0,083	0,309	0,002	0,007	0,103	FALSE
-0,005	0,303	0,000	0,010	0,009	FALSE
-0,140	0,303	-0,003	0,007	0,170	FALSE
0,142	0,295	0,003	0,008	0,149	FALSE
0,112	0,297	0,004	0,009	0,169	FALSE
0,130	0,300	0,003	0,009	0,130	FALSE
0,129	0,307	0,004	0,009	0,152	FALSE
0,077	0,294	0,002	0,009	0,068	FALSE
0,141	0,306	0,004	0,009	0,159	FALSE
0,116	0,300	0,003	0,009	0,119	FALSE
0,083	0,312	0,002	0,010	0,067	FALSE
-0,049	0,303	-0,001	0,007	0,029	FALSE
-0,132	0,306	-0,003	0,010	0,130	FALSE
0,007	0,314	0,000	0,011	0,002	FALSE
0,030	0,310	0,001	0,008	0,028	FALSE
-0,005	0,314	0,000	0,011	0,008	FALSE
0,027	0,313	0,001	0,008	0,029	FALSE
-0,106	0,312	-0,004	0,012	0,149	FALSE
0,063	0,307	0,001	0,008	0,050	FALSE
-0,078	0,307	-0,002	0,007	0,088	FALSE
-0,033	0,314	-0,001	0,007	0,038	FALSE
-0,006	0,302	0,000	0,010	0,011	FALSE
-0,039	0,306	-0,002	0,010	0,062	FALSE
-0,088	0,319	-0,003	0,009	0,117	FALSE
0,023	0,309	0,001	0,008	0,038	FALSE

-0,066	0,326	-0,001	0,007	0,079	FALSE
0,093	0,295	0,002	0,008	0,094	FALSE
0,109	0,299	0,003	0,008	0,123	FALSE
-0,044	0,314	-0,001	0,007	0,033	FALSE
0,093	0,271	0,002	0,007	0,113	FALSE
-0,043	0,307	-0,001	0,010	0,050	FALSE
-0,019	0,295	-0,001	0,007	0,024	FALSE
-0,014	0,314	0,000	0,007	0,022	FALSE
-0,027	0,313	0,000	0,007	0,018	FALSE
-0,127	0,316	-0,004	0,013	0,125	FALSE
-0,099	0,304	-0,003	0,010	0,138	FALSE
-0,005	0,300	0,000	0,009	0,006	FALSE
0,049	0,312	0,001	0,008	0,023	FALSE
-0,012	0,307	-0,001	0,008	0,027	FALSE
0,028	0,313	0,000	0,006	0,028	FALSE
0,025	0,311	0,000	0,007	0,007	FALSE
-0,088	0,295	-0,002	0,007	0,122	FALSE
0,020	0,306	0,000	0,007	0,021	FALSE
-0,142	0,301	-0,004	0,009	0,206	FALSE
0,071	0,304	0,002	0,010	0,056	FALSE
0,136	0,291	0,004	0,009	0,211	FALSE
-0,057	0,312	-0,001	0,008	0,070	FALSE
-0,152	0,297	-0,008	0,013	0,249	FALSE
0,006	0,306	0,000	0,007	0,005	FALSE
0,172	0,293	0,009	0,013	0,309	FALSE
0,135	0,281	0,007	0,012	0,238	FALSE
-0,093	0,315	-0,003	0,011	0,107	FALSE
-0,114	0,313	-0,003	0,009	0,131	FALSE
-0,201	0,311	-0,005	0,008	0,282	FALSE
-0,067	0,310	-0,002	0,013	0,071	FALSE
-0,191	0,303	-0,005	0,009	0,278	FALSE
0,051	0,311	0,001	0,012	0,030	FALSE
-0,045	0,301	-0,002	0,012	0,044	FALSE
0,024	0,310	0,001	0,006	0,036	FALSE
-0,147	0,301	-0,004	0,008	0,197	FALSE
0,054	0,303	0,002	0,013	0,045	FALSE
0,116	0,303	0,004	0,009	0,181	FALSE
0,068	0,305	0,002	0,006	0,136	FALSE
0,036	0,315	0,001	0,008	0,040	FALSE
-0,086	0,315	-0,003	0,010	0,102	FALSE
-0,073	0,309	-0,002	0,010	0,094	FALSE
-0,055	0,300	-0,002	0,008	0,079	FALSE
0,090	0,307	0,004	0,011	0,143	FALSE
0,092	0,302	0,004	0,012	0,114	FALSE
-0,158	0,300	-0,006	0,012	0,207	FALSE
0,151	0,325	0,006	0,014	0,174	FALSE
0,134	0,306	0,005	0,013	0,173	FALSE
0,125	0,296	0,005	0,012	0,149	FALSE
-0,040	0,325	-0,001	0,008	0,034	FALSE
-0,147	0,310	-0,004	0,008	0,191	FALSE
-0,075	0,312	-0,002	0,008	0,076	FALSE
-0,011	0,310	-0,001	0,009	0,021	FALSE
0,105	0,304	0,005	0,013	0,156	FALSE

-0,070	0,312	-0,002	0,010	0,087	FALSE
-0,058	0,305	-0,003	0,012	0,087	FALSE
-0,033	0,298	0,000	0,009	0,008	FALSE
0,029	0,316	0,000	0,007	0,004	FALSE
-0,133	0,303	-0,005	0,011	0,191	FALSE
-0,045	0,316	-0,001	0,012	0,043	FALSE
0,008	0,309	0,000	0,007	0,000	FALSE
-0,037	0,311	-0,001	0,010	0,036	FALSE
-0,014	0,317	0,000	0,007	0,007	FALSE
0,212	0,314	0,009	0,013	0,308	FALSE
-0,010	0,324	-0,001	0,009	0,022	FALSE
-0,026	0,298	-0,001	0,010	0,053	FALSE
-0,007	0,311	-0,001	0,012	0,031	FALSE
0,102	0,286	0,003	0,009	0,141	FALSE
-0,014	0,310	-0,001	0,012	0,027	FALSE
-0,050	0,294	-0,003	0,012	0,085	FALSE
-0,043	0,298	-0,001	0,006	0,031	FALSE
-0,001	0,306	-0,001	0,012	0,020	FALSE
-0,033	0,317	-0,001	0,012	0,017	FALSE
-0,059	0,313	-0,002	0,007	0,088	FALSE
-0,033	0,319	0,000	0,007	0,014	FALSE
0,094	0,313	0,003	0,009	0,124	FALSE
0,017	0,316	0,001	0,013	0,031	FALSE
0,019	0,313	0,001	0,009	0,024	FALSE
0,014	0,321	0,000	0,008	0,022	FALSE
0,054	0,305	0,001	0,009	0,063	FALSE
0,050	0,309	0,001	0,009	0,043	FALSE
0,039	0,301	0,001	0,008	0,045	FALSE
0,071	0,295	0,003	0,009	0,126	FALSE
0,038	0,321	0,001	0,007	0,033	FALSE
-0,059	0,301	-0,002	0,008	0,081	FALSE
-0,046	0,305	-0,001	0,006	0,063	FALSE
0,083	0,301	0,002	0,012	0,071	FALSE
0,033	0,303	0,001	0,010	0,026	FALSE
-0,064	0,306	-0,003	0,012	0,084	FALSE
-0,001	0,296	0,000	0,012	0,010	FALSE
-0,116	0,318	-0,003	0,008	0,127	FALSE
-0,106	0,294	-0,003	0,007	0,167	FALSE
0,068	0,314	0,001	0,008	0,060	FALSE
-0,024	0,307	0,000	0,007	0,004	FALSE
-0,051	0,296	-0,002	0,008	0,089	FALSE
0,039	0,303	0,001	0,006	0,039	FALSE
-0,086	0,306	-0,004	0,012	0,143	FALSE
0,003	0,301	0,000	0,009	0,005	FALSE
0,111	0,299	0,003	0,007	0,199	FALSE
-0,203	0,305	-0,007	0,011	0,278	FALSE
0,069	0,301	0,002	0,007	0,090	FALSE
0,103	0,307	0,003	0,008	0,151	FALSE
0,104	0,312	0,005	0,012	0,166	FALSE
-0,040	0,323	-0,001	0,012	0,041	FALSE
0,186	0,308	0,004	0,007	0,271	FALSE
-0,069	0,312	-0,001	0,007	0,083	FALSE
-0,050	0,312	-0,003	0,012	0,089	FALSE

0,072	0,306	0,003	0,013	0,106	FALSE
-0,086	0,307	-0,002	0,008	0,107	FALSE
-0,019	0,317	-0,001	0,009	0,023	FALSE
0,077	0,303	0,002	0,008	0,088	FALSE
-0,016	0,313	0,000	0,012	0,010	FALSE
0,012	0,301	0,000	0,011	0,003	FALSE
-0,029	0,320	0,000	0,013	0,013	FALSE
-0,050	0,292	-0,002	0,011	0,077	FALSE
0,124	0,307	0,003	0,007	0,142	FALSE
0,026	0,312	0,001	0,008	0,044	FALSE
-0,002	0,302	-0,001	0,012	0,040	FALSE
-0,039	0,288	-0,001	0,007	0,065	FALSE
0,012	0,310	0,000	0,009	0,017	FALSE
0,055	0,302	0,003	0,011	0,110	FALSE
-0,027	0,311	-0,001	0,010	0,039	FALSE
-0,077	0,311	-0,002	0,008	0,096	FALSE
-0,049	0,312	-0,001	0,012	0,040	FALSE
-0,068	0,332	-0,002	0,009	0,079	FALSE
0,017	0,308	0,000	0,012	0,003	FALSE
-0,073	0,317	-0,002	0,009	0,092	FALSE
0,003	0,317	0,000	0,007	0,001	FALSE
0,100	0,302	0,003	0,007	0,139	FALSE
0,059	0,295	0,002	0,006	0,099	FALSE
-0,060	0,324	-0,002	0,009	0,069	FALSE
0,067	0,306	0,001	0,007	0,067	FALSE
0,106	0,309	0,004	0,010	0,153	FALSE
0,089	0,296	0,002	0,007	0,111	FALSE
-0,095	0,305	-0,003	0,011	0,095	FALSE
0,043	0,313	0,000	0,007	0,024	FALSE
0,047	0,311	0,001	0,009	0,054	FALSE
0,007	0,312	0,000	0,013	0,011	FALSE
-0,054	0,301	-0,001	0,011	0,034	FALSE
-0,080	0,317	-0,002	0,007	0,107	FALSE
-0,063	0,312	-0,002	0,009	0,089	FALSE
0,057	0,311	0,001	0,010	0,055	FALSE
-0,033	0,280	0,000	0,011	0,010	FALSE
0,119	0,295	0,003	0,007	0,184	FALSE
0,100	0,305	0,003	0,008	0,158	FALSE
0,072	0,299	0,004	0,011	0,148	FALSE
-0,016	0,307	-0,001	0,007	0,038	FALSE
-0,068	0,295	-0,001	0,006	0,081	FALSE
0,041	0,290	0,002	0,011	0,082	FALSE
0,073	0,312	0,002	0,012	0,072	FALSE
0,098	0,303	0,004	0,010	0,161	FALSE
0,045	0,310	0,002	0,009	0,061	FALSE
0,023	0,307	0,000	0,006	0,016	FALSE
0,064	0,310	0,001	0,006	0,056	FALSE
0,043	0,322	0,001	0,007	0,047	FALSE
0,015	0,316	0,001	0,009	0,041	FALSE
-0,052	0,308	-0,001	0,011	0,037	FALSE
0,023	0,303	0,001	0,006	0,051	FALSE
0,008	0,308	0,001	0,009	0,035	FALSE
0,086	0,299	0,003	0,012	0,080	FALSE

-0,094	0,297	-0,003	0,010	0,122	FALSE
-0,011	0,320	0,000	0,009	0,016	FALSE
0,050	0,301	0,001	0,008	0,051	FALSE
0,023	0,304	0,000	0,010	0,001	FALSE
-0,024	0,309	-0,001	0,007	0,033	FALSE
0,098	0,305	0,002	0,007	0,131	FALSE
-0,040	0,311	-0,001	0,008	0,027	FALSE
-0,059	0,307	-0,002	0,012	0,075	FALSE
-0,027	0,304	0,000	0,010	0,009	FALSE
-0,024	0,313	-0,001	0,007	0,036	FALSE
0,163	0,306	0,005	0,009	0,205	FALSE
0,078	0,315	0,003	0,008	0,124	FALSE
-0,053	0,299	-0,002	0,010	0,073	FALSE
-0,098	0,305	-0,004	0,012	0,142	FALSE
-0,020	0,306	0,000	0,007	0,024	FALSE
0,025	0,313	0,001	0,012	0,016	FALSE
-0,023	0,307	-0,001	0,009	0,029	FALSE
0,063	0,309	0,001	0,009	0,048	FALSE
-0,142	0,298	-0,004	0,010	0,161	FALSE
-0,044	0,318	-0,001	0,011	0,037	FALSE
0,025	0,309	0,000	0,008	0,022	FALSE
0,053	0,295	0,001	0,009	0,058	FALSE
-0,075	0,311	-0,002	0,009	0,077	FALSE
0,096	0,317	0,002	0,009	0,083	FALSE
0,009	0,312	0,000	0,006	0,014	FALSE
-0,104	0,297	-0,005	0,012	0,162	FALSE
0,013	0,313	0,000	0,010	0,011	FALSE
0,034	0,309	0,001	0,008	0,028	FALSE
-0,007	0,311	0,000	0,008	0,003	FALSE
-0,003	0,312	0,000	0,007	0,005	FALSE
0,025	0,295	0,001	0,008	0,023	FALSE
-0,068	0,316	-0,002	0,009	0,078	FALSE
0,054	0,319	0,001	0,008	0,068	FALSE
0,097	0,307	0,003	0,009	0,153	FALSE
-0,033	0,309	-0,002	0,012	0,064	FALSE
-0,046	0,311	-0,003	0,013	0,085	FALSE
0,118	0,287	0,004	0,007	0,201	FALSE
-0,117	0,300	-0,003	0,008	0,143	FALSE
-0,044	0,300	-0,002	0,012	0,048	FALSE
0,057	0,305	0,001	0,012	0,037	FALSE
0,047	0,325	0,001	0,009	0,052	FALSE
-0,037	0,301	-0,001	0,010	0,039	FALSE
0,068	0,305	0,002	0,011	0,061	FALSE
-0,049	0,297	-0,001	0,007	0,064	FALSE
-0,096	0,308	-0,002	0,008	0,112	FALSE
0,092	0,297	0,004	0,010	0,141	FALSE
0,007	0,308	0,001	0,009	0,039	FALSE
0,046	0,308	0,002	0,011	0,080	FALSE
-0,139	0,318	-0,006	0,013	0,183	FALSE
-0,196	0,303	-0,004	0,007	0,256	FALSE
-0,189	0,292	-0,004	0,007	0,266	FALSE
-0,190	0,305	-0,004	0,007	0,250	FALSE
-0,093	0,306	-0,003	0,008	0,127	FALSE

0,031	0,314	0,001	0,012	0,022	FALSE
-0,011	0,302	0,000	0,010	0,003	FALSE
-0,010	0,303	0,000	0,006	0,001	FALSE
0,096	0,310	0,003	0,009	0,110	FALSE
0,124	0,305	0,004	0,010	0,137	FALSE
0,073	0,306	0,001	0,006	0,088	FALSE
0,168	0,301	0,005	0,010	0,227	FALSE
0,015	0,315	0,001	0,009	0,025	FALSE
0,052	0,324	0,002	0,008	0,083	FALSE
0,117	0,322	0,004	0,010	0,157	TRUE
-0,106	0,300	-0,002	0,007	0,113	FALSE
-0,045	0,303	-0,002	0,011	0,051	FALSE
-0,016	0,299	0,000	0,007	0,007	FALSE
0,064	0,295	0,002	0,007	0,109	FALSE
-0,003	0,313	0,000	0,010	0,001	FALSE
-0,115	0,297	-0,003	0,008	0,178	FALSE
-0,032	0,308	-0,001	0,009	0,034	FALSE
-0,027	0,313	-0,001	0,007	0,037	FALSE
0,021	0,311	0,001	0,010	0,023	FALSE
0,018	0,304	0,001	0,007	0,072	FALSE
0,071	0,303	0,002	0,011	0,082	FALSE
0,006	0,314	0,000	0,008	0,009	FALSE
-0,002	0,297	0,000	0,008	0,006	FALSE
-0,079	0,309	-0,001	0,007	0,078	FALSE
0,154	0,298	0,006	0,012	0,196	FALSE
-0,108	0,303	-0,004	0,009	0,154	FALSE
-0,112	0,297	-0,002	0,006	0,160	FALSE
0,087	0,315	0,002	0,008	0,075	FALSE
-0,054	0,297	-0,002	0,007	0,095	FALSE
-0,007	0,311	0,000	0,010	0,010	FALSE
0,137	0,314	0,003	0,007	0,146	FALSE
0,117	0,305	0,003	0,008	0,120	FALSE
0,161	0,305	0,004	0,007	0,215	FALSE
-0,046	0,306	-0,002	0,013	0,059	FALSE
0,022	0,311	0,001	0,012	0,026	FALSE
-0,073	0,318	-0,002	0,010	0,067	FALSE
0,081	0,301	0,003	0,011	0,102	FALSE
0,029	0,290	0,001	0,011	0,041	FALSE
-0,031	0,313	-0,001	0,007	0,036	FALSE
0,007	0,308	0,000	0,008	0,009	FALSE
0,153	0,290	0,007	0,012	0,241	FALSE
-0,074	0,304	-0,003	0,011	0,100	FALSE
-0,014	0,307	0,000	0,007	0,025	FALSE
-0,023	0,313	-0,001	0,007	0,034	FALSE
0,025	0,294	0,001	0,012	0,042	FALSE
0,117	0,288	0,004	0,010	0,164	FALSE
-0,105	0,312	-0,004	0,009	0,173	FALSE
-0,018	0,320	-0,001	0,010	0,035	FALSE
-0,046	0,306	-0,002	0,010	0,080	FALSE
-0,083	0,303	-0,002	0,007	0,093	FALSE
0,037	0,313	0,001	0,007	0,049	FALSE
-0,019	0,326	-0,001	0,013	0,016	FALSE
-0,047	0,300	-0,001	0,008	0,060	FALSE

-0,111	0,318	-0,004	0,013	0,103	FALSE
0,032	0,297	0,000	0,012	0,007	FALSE
0,028	0,299	0,000	0,009	0,007	FALSE
-0,044	0,297	-0,001	0,008	0,023	FALSE
-0,084	0,317	-0,002	0,007	0,105	FALSE
-0,093	0,309	-0,004	0,012	0,119	FALSE
-0,006	0,297	0,000	0,008	0,019	FALSE
-0,053	0,314	-0,002	0,012	0,064	FALSE
-0,004	0,315	0,000	0,010	0,003	FALSE
0,097	0,324	0,002	0,007	0,111	FALSE
0,021	0,309	0,001	0,007	0,048	FALSE
0,070	0,308	0,002	0,006	0,105	FALSE
0,004	0,314	-0,001	0,012	0,026	FALSE
-0,002	0,304	-0,001	0,009	0,023	FALSE
0,029	0,300	0,001	0,009	0,045	FALSE
0,075	0,319	0,003	0,011	0,120	FALSE
-0,125	0,304	-0,004	0,011	0,155	FALSE
0,154	0,306	0,004	0,009	0,189	FALSE
0,117	0,283	0,003	0,006	0,212	FALSE
0,187	0,300	0,006	0,010	0,279	FALSE
-0,076	0,301	-0,005	0,012	0,161	FALSE
-0,128	0,318	-0,003	0,009	0,129	FALSE
-0,011	0,312	0,000	0,008	0,004	FALSE
-0,033	0,301	-0,001	0,012	0,033	FALSE
-0,042	0,308	-0,001	0,006	0,053	FALSE
-0,111	0,304	-0,003	0,008	0,122	FALSE
0,082	0,315	0,003	0,011	0,093	FALSE
0,102	0,296	0,002	0,009	0,093	FALSE
0,000	0,312	0,000	0,009	0,005	FALSE
0,096	0,288	0,004	0,010	0,149	FALSE
0,128	0,297	0,005	0,010	0,225	FALSE
0,136	0,308	0,004	0,007	0,208	FALSE
-0,065	0,317	-0,003	0,012	0,092	FALSE
-0,033	0,307	0,000	0,007	0,003	FALSE
-0,071	0,302	-0,003	0,009	0,127	FALSE
0,021	0,305	0,000	0,009	0,005	FALSE
0,060	0,320	0,002	0,007	0,099	FALSE
0,125	0,296	0,003	0,008	0,157	FALSE
0,034	0,314	0,001	0,011	0,047	FALSE
-0,128	0,303	-0,005	0,013	0,156	FALSE
-0,034	0,309	-0,001	0,011	0,034	FALSE
-0,039	0,308	-0,001	0,010	0,046	FALSE
0,117	0,281	0,004	0,011	0,157	FALSE
0,109	0,303	0,003	0,010	0,100	FALSE
-0,043	0,313	-0,001	0,011	0,047	FALSE
-0,131	0,307	-0,004	0,007	0,203	FALSE
0,086	0,308	0,004	0,011	0,149	FALSE
0,079	0,303	0,003	0,012	0,093	FALSE
0,088	0,289	0,003	0,012	0,106	FALSE
-0,051	0,310	-0,001	0,011	0,033	FALSE
0,200	0,289	0,004	0,007	0,227	FALSE
-0,039	0,307	-0,002	0,011	0,055	FALSE
-0,035	0,311	-0,002	0,011	0,058	FALSE

0,088	0,320	0,003	0,011	0,125	FALSE
-0,108	0,305	-0,002	0,007	0,119	FALSE
-0,058	0,306	-0,001	0,009	0,037	FALSE
0,047	0,306	0,001	0,012	0,042	FALSE
0,083	0,301	0,002	0,012	0,060	FALSE
0,015	0,294	0,001	0,007	0,029	FALSE
-0,032	0,328	-0,001	0,007	0,034	FALSE
0,010	0,316	0,000	0,007	0,025	FALSE
-0,010	0,308	0,000	0,012	0,006	FALSE
-0,099	0,316	-0,002	0,009	0,103	FALSE
-0,013	0,312	0,000	0,007	0,007	FALSE
-0,136	0,302	-0,004	0,009	0,196	FALSE
-0,072	0,309	-0,003	0,011	0,106	FALSE
0,141	0,297	0,003	0,007	0,193	FALSE
0,004	0,313	0,000	0,007	0,009	FALSE
-0,100	0,310	-0,003	0,009	0,124	FALSE
0,079	0,296	0,002	0,007	0,104	FALSE
0,006	0,304	0,000	0,007	0,018	FALSE
-0,072	0,321	-0,002	0,011	0,083	FALSE
0,137	0,292	0,003	0,006	0,226	FALSE
0,003	0,312	0,001	0,010	0,027	FALSE
-0,047	0,309	-0,001	0,007	0,050	FALSE
0,002	0,294	0,000	0,006	0,018	FALSE
-0,166	0,298	-0,007	0,011	0,292	FALSE
-0,162	0,289	-0,006	0,011	0,252	FALSE
0,007	0,305	-0,001	0,009	0,029	FALSE
0,081	0,293	0,002	0,012	0,062	FALSE
-0,131	0,310	-0,003	0,009	0,149	FALSE
-0,105	0,299	-0,003	0,009	0,123	FALSE
-0,090	0,302	-0,002	0,009	0,100	FALSE
0,132	0,294	0,004	0,008	0,197	FALSE
0,085	0,293	0,002	0,007	0,087	FALSE
-0,014	0,308	-0,001	0,010	0,036	FALSE
0,009	0,299	-0,001	0,008	0,028	FALSE
0,111	0,304	0,005	0,013	0,165	FALSE
0,077	0,294	0,004	0,012	0,119	FALSE
0,087	0,321	0,004	0,013	0,117	FALSE
0,011	0,334	0,000	0,008	0,002	FALSE
-0,048	0,292	-0,001	0,006	0,054	FALSE
-0,049	0,315	-0,002	0,012	0,061	FALSE
0,075	0,303	0,002	0,008	0,088	FALSE
0,056	0,313	0,001	0,009	0,058	FALSE
0,014	0,303	0,001	0,013	0,026	FALSE
0,011	0,321	0,001	0,006	0,032	FALSE
0,144	0,309	0,004	0,009	0,207	FALSE
0,029	0,310	0,001	0,008	0,052	FALSE
0,047	0,321	0,001	0,010	0,044	FALSE
-0,043	0,312	-0,001	0,008	0,052	FALSE
0,079	0,300	0,002	0,008	0,115	FALSE
-0,053	0,295	-0,003	0,011	0,100	FALSE
0,066	0,321	0,001	0,008	0,061	FALSE
-0,156	0,313	-0,006	0,012	0,200	FALSE
0,065	0,309	0,002	0,009	0,083	FALSE

-0,025	0,318	-0,001	0,008	0,038	FALSE
0,110	0,321	0,004	0,013	0,130	FALSE
0,077	0,305	0,002	0,007	0,101	FALSE
-0,115	0,297	-0,003	0,009	0,119	FALSE
0,122	0,313	0,004	0,010	0,169	FALSE
-0,051	0,302	-0,001	0,011	0,040	FALSE
-0,031	0,304	-0,001	0,010	0,030	FALSE
0,115	0,315	0,003	0,007	0,175	FALSE
0,038	0,310	0,002	0,009	0,076	FALSE
0,049	0,290	0,002	0,008	0,102	FALSE
-0,075	0,305	-0,004	0,013	0,119	FALSE
-0,116	0,303	-0,005	0,011	0,192	FALSE
0,083	0,301	0,004	0,012	0,122	FALSE
-0,055	0,307	-0,001	0,007	0,044	FALSE
0,041	0,294	0,002	0,007	0,097	FALSE
0,014	0,299	0,000	0,012	0,012	FALSE
0,162	0,289	0,004	0,007	0,269	FALSE
0,089	0,314	0,003	0,012	0,102	FALSE
0,097	0,302	0,003	0,010	0,121	FALSE
-0,107	0,305	-0,003	0,009	0,157	FALSE
-0,208	0,311	-0,009	0,012	0,309	FALSE
0,078	0,308	0,003	0,012	0,118	FALSE
0,118	0,300	0,004	0,010	0,168	FALSE
-0,040	0,312	-0,001	0,007	0,029	FALSE
-0,032	0,304	-0,001	0,008	0,042	FALSE
-0,018	0,312	0,000	0,010	0,013	FALSE
0,069	0,315	0,002	0,011	0,072	FALSE
0,159	0,315	0,005	0,009	0,224	FALSE
0,062	0,301	0,003	0,010	0,092	FALSE
0,142	0,289	0,005	0,012	0,182	FALSE
0,137	0,298	0,006	0,013	0,179	FALSE
0,166	0,296	0,007	0,013	0,221	FALSE
0,196	0,291	0,009	0,013	0,320	FALSE
0,235	0,276	0,010	0,011	0,404	FALSE
0,103	0,290	0,005	0,012	0,163	FALSE
-0,055	0,317	-0,003	0,009	0,109	FALSE
-0,070	0,305	-0,003	0,009	0,135	FALSE
-0,046	0,300	-0,001	0,008	0,073	FALSE
0,126	0,314	0,003	0,007	0,180	FALSE
-0,017	0,309	0,000	0,011	0,000	FALSE
-0,012	0,312	0,000	0,007	0,015	FALSE
0,042	0,309	0,001	0,007	0,068	FALSE
-0,080	0,315	-0,003	0,012	0,100	FALSE
0,079	0,304	0,002	0,009	0,061	FALSE
0,104	0,300	0,004	0,011	0,131	FALSE
-0,019	0,308	0,000	0,007	0,020	FALSE
0,094	0,293	0,003	0,012	0,102	FALSE
0,000	0,306	0,000	0,009	0,008	FALSE
0,048	0,314	0,001	0,008	0,040	FALSE
-0,064	0,308	-0,003	0,012	0,093	FALSE
-0,018	0,317	-0,001	0,013	0,034	FALSE
0,051	0,331	0,002	0,008	0,068	FALSE
0,041	0,312	0,001	0,007	0,058	FALSE

0,022	0,306	0,001	0,011	0,029	FALSE
-0,069	0,315	-0,003	0,013	0,076	FALSE
0,071	0,299	0,003	0,012	0,081	FALSE
0,189	0,308	0,004	0,007	0,238	FALSE
-0,057	0,308	-0,002	0,009	0,078	FALSE
-0,065	0,318	-0,002	0,012	0,067	FALSE
0,088	0,302	0,004	0,011	0,152	FALSE
-0,042	0,317	-0,002	0,011	0,062	FALSE
0,085	0,295	0,004	0,011	0,149	FALSE
-0,022	0,309	-0,001	0,010	0,035	FALSE
-0,024	0,290	0,000	0,010	0,009	FALSE
-0,090	0,310	-0,003	0,009	0,124	FALSE
0,027	0,305	0,000	0,007	0,021	FALSE
-0,154	0,293	-0,005	0,012	0,161	FALSE
-0,131	0,289	-0,004	0,012	0,125	FALSE
-0,074	0,300	-0,004	0,013	0,108	FALSE
-0,172	0,301	-0,004	0,008	0,235	FALSE
-0,036	0,309	-0,002	0,012	0,055	FALSE
0,043	0,314	0,001	0,010	0,049	FALSE
-0,109	0,293	-0,002	0,006	0,148	FALSE
0,060	0,298	0,001	0,008	0,053	FALSE
0,084	0,319	0,002	0,009	0,084	FALSE
0,087	0,293	0,002	0,008	0,083	FALSE
0,034	0,312	0,001	0,006	0,047	FALSE
0,082	0,288	0,002	0,008	0,084	FALSE
0,001	0,289	0,000	0,009	0,003	FALSE
-0,022	0,298	-0,001	0,010	0,027	FALSE
0,075	0,296	0,003	0,012	0,083	FALSE
0,091	0,303	0,002	0,009	0,099	FALSE
-0,009	0,309	0,000	0,008	0,011	FALSE
-0,010	0,304	-0,001	0,008	0,022	FALSE
0,014	0,306	0,000	0,008	0,002	FALSE
0,037	0,303	0,001	0,008	0,048	FALSE
-0,023	0,324	-0,001	0,012	0,032	FALSE
0,084	0,315	0,003	0,013	0,089	FALSE
0,009	0,310	0,000	0,009	0,004	FALSE
0,071	0,299	0,001	0,008	0,051	FALSE
0,037	0,292	0,001	0,007	0,052	FALSE
-0,035	0,313	-0,002	0,010	0,055	FALSE
0,081	0,306	0,002	0,008	0,090	FALSE
-0,041	0,299	-0,001	0,008	0,047	FALSE
-0,092	0,308	-0,003	0,008	0,128	FALSE
0,103	0,288	0,005	0,011	0,177	FALSE
0,026	0,312	0,001	0,010	0,033	FALSE
0,122	0,312	0,006	0,012	0,193	FALSE
-0,028	0,311	-0,001	0,010	0,041	FALSE
-0,048	0,322	-0,001	0,009	0,057	FALSE
-0,016	0,305	0,000	0,010	0,009	FALSE
-0,037	0,294	-0,001	0,010	0,050	FALSE
-0,042	0,298	-0,001	0,010	0,052	FALSE
0,122	0,314	0,005	0,012	0,163	FALSE
-0,019	0,309	-0,001	0,009	0,030	FALSE
-0,099	0,308	-0,002	0,008	0,112	FALSE

-0,110	0,312	-0,003	0,008	0,133	FALSE
-0,064	0,320	-0,002	0,012	0,079	FALSE
0,015	0,304	0,001	0,006	0,033	FALSE
0,109	0,309	0,003	0,008	0,155	FALSE
0,117	0,297	0,005	0,011	0,163	FALSE
-0,111	0,303	-0,005	0,012	0,165	FALSE
0,033	0,294	0,001	0,008	0,065	FALSE
0,049	0,304	0,002	0,011	0,073	FALSE
-0,132	0,309	-0,005	0,011	0,182	FALSE
-0,078	0,298	-0,004	0,012	0,120	FALSE
0,084	0,295	0,004	0,010	0,151	FALSE
0,035	0,311	0,001	0,008	0,025	FALSE
-0,045	0,314	-0,001	0,007	0,041	FALSE
-0,005	0,310	0,000	0,009	0,000	FALSE
0,029	0,316	0,001	0,012	0,043	FALSE
-0,102	0,315	-0,003	0,008	0,132	FALSE
0,009	0,293	0,000	0,007	0,009	FALSE
0,012	0,282	0,001	0,012	0,030	FALSE
-0,112	0,296	-0,002	0,007	0,132	FALSE
0,001	0,299	0,001	0,012	0,040	FALSE
-0,200	0,306	-0,004	0,007	0,273	FALSE
-0,024	0,298	0,000	0,011	0,005	FALSE
-0,115	0,318	-0,003	0,009	0,157	FALSE
0,016	0,301	0,000	0,012	0,010	FALSE
-0,008	0,310	-0,001	0,012	0,033	FALSE
-0,043	0,297	-0,003	0,013	0,076	FALSE
-0,131	0,310	-0,004	0,008	0,210	TRUE
-0,059	0,310	-0,002	0,012	0,062	FALSE
0,025	0,301	0,001	0,009	0,026	FALSE
-0,025	0,296	-0,001	0,010	0,024	FALSE
-0,012	0,309	-0,001	0,010	0,022	FALSE
-0,027	0,313	0,000	0,007	0,013	FALSE
-0,009	0,306	0,000	0,007	0,005	FALSE
0,040	0,299	0,001	0,008	0,049	FALSE
0,117	0,308	0,004	0,008	0,182	FALSE
0,009	0,290	0,001	0,010	0,021	FALSE
0,028	0,302	0,001	0,011	0,035	FALSE
0,053	0,305	0,002	0,011	0,060	FALSE
0,044	0,297	0,001	0,009	0,058	FALSE
0,018	0,286	0,001	0,006	0,066	FALSE
0,025	0,312	0,000	0,006	0,013	FALSE
-0,076	0,304	-0,002	0,008	0,097	FALSE
-0,135	0,303	-0,005	0,012	0,159	FALSE
-0,036	0,320	-0,001	0,008	0,045	FALSE
-0,135	0,290	-0,003	0,007	0,163	FALSE
0,055	0,294	0,002	0,006	0,089	FALSE
-0,017	0,304	0,000	0,013	0,003	FALSE
-0,040	0,294	-0,001	0,008	0,047	FALSE
-0,065	0,311	-0,003	0,012	0,084	FALSE
0,059	0,300	0,001	0,007	0,071	FALSE
0,059	0,305	0,001	0,007	0,055	FALSE
-0,136	0,306	-0,006	0,012	0,198	FALSE
0,056	0,305	0,002	0,009	0,086	FALSE

0,088	0,321	0,002	0,006	0,119	FALSE
-0,036	0,294	-0,001	0,009	0,037	FALSE
-0,003	0,301	-0,001	0,010	0,023	FALSE
-0,023	0,297	-0,001	0,008	0,037	FALSE
0,001	0,323	0,000	0,012	0,011	FALSE
-0,042	0,305	-0,001	0,009	0,044	FALSE
-0,031	0,293	-0,001	0,008	0,039	FALSE
-0,004	0,302	0,000	0,006	0,008	FALSE
-0,071	0,309	-0,002	0,011	0,083	FALSE
-0,171	0,306	-0,003	0,006	0,243	FALSE
-0,207	0,309	-0,004	0,006	0,281	FALSE
-0,052	0,299	-0,003	0,010	0,098	FALSE
-0,025	0,311	-0,002	0,012	0,054	FALSE
0,074	0,293	0,002	0,007	0,094	FALSE
0,078	0,303	0,003	0,010	0,130	FALSE
-0,071	0,293	-0,004	0,012	0,122	FALSE
-0,024	0,301	-0,001	0,008	0,036	FALSE
-0,059	0,305	-0,002	0,012	0,077	FALSE
-0,077	0,313	-0,002	0,007	0,088	FALSE
0,034	0,304	0,001	0,009	0,058	FALSE
-0,105	0,308	-0,003	0,009	0,150	FALSE
0,113	0,306	0,002	0,006	0,157	FALSE
-0,018	0,315	0,000	0,006	0,004	FALSE
-0,096	0,298	-0,002	0,006	0,109	FALSE
-0,017	0,313	-0,001	0,007	0,028	FALSE
0,166	0,303	0,007	0,011	0,276	FALSE
0,087	0,306	0,002	0,008	0,097	FALSE
-0,041	0,307	-0,001	0,007	0,060	FALSE
-0,026	0,308	0,000	0,006	0,025	FALSE
0,005	0,312	0,000	0,012	0,013	FALSE
-0,084	0,311	-0,002	0,008	0,084	FALSE
-0,028	0,307	-0,002	0,008	0,071	FALSE
0,085	0,307	0,003	0,011	0,107	FALSE
-0,095	0,307	-0,002	0,008	0,119	FALSE
-0,133	0,310	-0,005	0,013	0,171	FALSE
-0,109	0,300	-0,003	0,008	0,140	FALSE
-0,004	0,304	0,000	0,010	0,005	FALSE
-0,011	0,315	0,000	0,007	0,005	FALSE
-0,111	0,305	-0,003	0,008	0,126	FALSE
0,031	0,295	0,001	0,010	0,032	FALSE
0,013	0,307	0,000	0,007	0,017	FALSE
-0,104	0,324	-0,002	0,007	0,115	FALSE
-0,093	0,307	-0,003	0,008	0,143	FALSE
-0,131	0,309	-0,003	0,007	0,187	FALSE
-0,050	0,313	-0,001	0,012	0,024	FALSE
-0,005	0,300	0,001	0,012	0,024	FALSE
-0,061	0,310	-0,002	0,007	0,080	FALSE
-0,096	0,304	-0,002	0,006	0,122	FALSE
-0,027	0,297	-0,001	0,010	0,048	FALSE
0,011	0,304	0,000	0,007	0,018	FALSE
0,079	0,314	0,004	0,013	0,119	FALSE
-0,038	0,311	-0,001	0,008	0,032	FALSE
-0,156	0,306	-0,003	0,006	0,219	FALSE

-0,019	0,309	-0,001	0,010	0,040	FALSE
0,040	0,308	0,001	0,008	0,042	FALSE
0,023	0,308	0,000	0,013	0,012	FALSE
0,014	0,303	0,002	0,010	0,060	FALSE
-0,009	0,304	0,000	0,009	0,015	FALSE
-0,093	0,307	-0,003	0,011	0,114	FALSE
0,034	0,318	0,001	0,007	0,042	FALSE
0,006	0,310	-0,001	0,013	0,034	FALSE
-0,013	0,318	-0,001	0,009	0,037	FALSE
0,108	0,311	0,004	0,011	0,130	FALSE
0,051	0,302	0,002	0,011	0,076	FALSE
-0,021	0,303	0,000	0,007	0,022	FALSE
0,083	0,306	0,002	0,007	0,106	FALSE
-0,024	0,320	-0,001	0,013	0,023	FALSE
-0,008	0,300	0,000	0,009	0,007	FALSE
0,044	0,308	0,001	0,012	0,042	FALSE
-0,075	0,304	-0,002	0,007	0,094	FALSE
0,072	0,311	0,003	0,010	0,102	FALSE
0,029	0,296	0,002	0,008	0,075	FALSE
-0,042	0,310	-0,001	0,008	0,045	FALSE
-0,089	0,317	-0,002	0,008	0,109	FALSE
0,059	0,288	0,002	0,009	0,079	FALSE
0,073	0,302	0,002	0,007	0,114	FALSE
0,048	0,303	0,002	0,007	0,087	FALSE
0,057	0,299	0,002	0,010	0,085	FALSE
0,003	0,305	-0,001	0,009	0,038	FALSE
-0,049	0,311	-0,002	0,007	0,078	FALSE
0,021	0,306	0,000	0,011	0,010	FALSE
-0,037	0,312	-0,001	0,010	0,039	FALSE
0,070	0,307	0,002	0,010	0,091	FALSE
0,104	0,298	0,002	0,008	0,111	FALSE
-0,038	0,299	-0,001	0,007	0,067	FALSE
-0,021	0,305	-0,001	0,010	0,035	FALSE
0,033	0,308	0,002	0,010	0,053	FALSE
0,074	0,321	0,001	0,008	0,066	FALSE
-0,008	0,293	0,000	0,008	0,003	FALSE
0,126	0,302	0,003	0,009	0,119	FALSE
-0,056	0,284	-0,002	0,011	0,084	FALSE
0,029	0,305	0,000	0,006	0,012	FALSE
-0,068	0,303	-0,001	0,007	0,055	FALSE
0,098	0,307	0,003	0,008	0,143	FALSE
0,078	0,300	0,002	0,010	0,075	FALSE
-0,068	0,309	-0,001	0,006	0,054	FALSE
-0,074	0,313	-0,001	0,007	0,065	FALSE
-0,010	0,311	0,000	0,011	0,016	FALSE
-0,014	0,305	-0,001	0,008	0,028	FALSE
-0,008	0,308	-0,001	0,006	0,041	FALSE
0,072	0,310	0,003	0,011	0,090	FALSE
0,075	0,301	0,002	0,007	0,094	FALSE
0,246	0,286	0,007	0,008	0,399	FALSE
-0,096	0,316	-0,002	0,009	0,103	FALSE
0,008	0,308	0,001	0,010	0,019	FALSE
-0,035	0,314	-0,002	0,012	0,062	FALSE

0,222	0,296	0,008	0,011	0,355	FALSE
-0,115	0,307	-0,002	0,006	0,144	FALSE
-0,170	0,314	-0,005	0,009	0,233	FALSE
-0,034	0,318	-0,001	0,011	0,039	FALSE
0,016	0,305	0,000	0,009	0,002	FALSE
0,089	0,301	0,002	0,007	0,085	FALSE
-0,043	0,312	-0,002	0,013	0,046	FALSE
-0,013	0,302	-0,001	0,012	0,018	FALSE
0,031	0,319	0,002	0,012	0,053	FALSE
-0,006	0,305	0,000	0,008	0,012	FALSE
0,002	0,300	0,000	0,008	0,001	FALSE
0,013	0,313	0,000	0,011	0,003	FALSE
0,070	0,310	0,003	0,009	0,130	FALSE
0,039	0,308	0,001	0,007	0,070	FALSE
0,059	0,297	0,001	0,006	0,093	FALSE
0,034	0,303	0,001	0,006	0,053	FALSE
-0,015	0,305	-0,001	0,009	0,033	FALSE
-0,048	0,292	-0,002	0,009	0,078	FALSE
-0,054	0,303	-0,002	0,010	0,073	FALSE
-0,062	0,301	-0,002	0,010	0,080	FALSE
-0,083	0,315	-0,004	0,013	0,112	FALSE
-0,012	0,300	-0,001	0,013	0,016	FALSE
-0,052	0,309	-0,002	0,013	0,065	FALSE
-0,013	0,315	0,000	0,012	0,004	FALSE
-0,022	0,330	0,000	0,009	0,019	FALSE
0,014	0,321	0,000	0,008	0,019	FALSE
0,121	0,312	0,003	0,006	0,174	FALSE
-0,070	0,305	-0,002	0,009	0,096	FALSE
0,083	0,317	0,003	0,011	0,097	FALSE
0,049	0,310	0,002	0,010	0,054	FALSE
0,089	0,301	0,003	0,011	0,099	FALSE
0,071	0,308	0,002	0,011	0,080	FALSE
0,005	0,308	0,000	0,007	0,013	FALSE
-0,012	0,315	0,000	0,007	0,006	FALSE
-0,044	0,293	-0,002	0,011	0,062	FALSE
-0,055	0,318	-0,002	0,012	0,059	FALSE
-0,030	0,290	-0,001	0,007	0,028	FALSE
-0,053	0,303	-0,002	0,012	0,068	FALSE
-0,083	0,286	-0,001	0,006	0,082	FALSE
-0,074	0,318	-0,004	0,012	0,118	FALSE
-0,139	0,301	-0,003	0,007	0,182	FALSE
-0,043	0,312	-0,001	0,007	0,031	FALSE
-0,078	0,301	-0,002	0,007	0,087	FALSE
-0,055	0,308	-0,003	0,013	0,081	FALSE
0,023	0,300	0,001	0,012	0,041	FALSE
-0,024	0,318	-0,001	0,010	0,032	FALSE
-0,020	0,299	-0,001	0,012	0,017	FALSE
-0,064	0,301	-0,002	0,008	0,079	FALSE
0,070	0,309	0,002	0,006	0,093	FALSE
0,164	0,280	0,005	0,008	0,251	FALSE
-0,118	0,307	-0,005	0,011	0,172	FALSE
-0,103	0,294	-0,004	0,011	0,166	FALSE
0,028	0,309	0,001	0,007	0,037	FALSE

-0,001	0,312	0,000	0,006	0,016	FALSE
0,005	0,308	0,000	0,007	0,001	FALSE
-0,101	0,294	-0,002	0,007	0,140	FALSE
0,184	0,304	0,005	0,007	0,274	FALSE
-0,122	0,306	-0,002	0,006	0,127	FALSE
0,014	0,312	0,000	0,009	0,005	FALSE
0,073	0,308	0,002	0,009	0,093	FALSE
0,102	0,313	0,003	0,009	0,129	FALSE
0,006	0,317	0,000	0,009	0,015	FALSE
-0,002	0,317	0,001	0,011	0,021	FALSE
-0,007	0,318	0,000	0,010	0,005	FALSE
0,041	0,313	0,002	0,011	0,066	FALSE
0,017	0,295	0,001	0,010	0,039	FALSE
0,000	0,296	0,001	0,010	0,019	FALSE
0,009	0,294	0,001	0,008	0,040	FALSE
-0,007	0,315	0,000	0,013	0,002	FALSE
0,006	0,313	0,000	0,012	0,002	FALSE
-0,032	0,311	-0,002	0,012	0,049	FALSE
-0,034	0,315	-0,001	0,008	0,045	FALSE
0,001	0,314	0,000	0,012	0,007	FALSE
-0,005	0,314	0,001	0,008	0,028	FALSE
0,086	0,304	0,003	0,008	0,130	FALSE
-0,111	0,310	-0,004	0,010	0,140	FALSE
-0,004	0,303	0,000	0,008	0,003	FALSE
0,117	0,303	0,003	0,006	0,187	FALSE
-0,067	0,306	-0,002	0,012	0,069	FALSE
0,050	0,298	0,002	0,007	0,099	FALSE
0,046	0,296	0,001	0,010	0,041	FALSE
-0,040	0,305	0,000	0,009	0,014	FALSE
0,028	0,313	0,000	0,008	0,008	FALSE
-0,010	0,307	0,000	0,007	0,016	FALSE
0,091	0,309	0,002	0,009	0,081	FALSE
0,190	0,302	0,006	0,009	0,290	FALSE
-0,065	0,312	-0,002	0,010	0,056	FALSE
0,040	0,309	0,001	0,007	0,050	FALSE
-0,080	0,309	-0,002	0,008	0,120	FALSE
0,046	0,300	0,001	0,006	0,059	FALSE
0,153	0,305	0,004	0,008	0,224	FALSE
0,024	0,300	0,001	0,006	0,053	FALSE
0,013	0,305	0,000	0,007	0,015	FALSE
-0,158	0,295	-0,003	0,007	0,215	FALSE
0,100	0,307	0,002	0,008	0,116	FALSE
0,080	0,310	0,002	0,008	0,084	FALSE
0,069	0,282	0,003	0,010	0,110	FALSE
-0,173	0,294	-0,004	0,007	0,219	FALSE
0,123	0,301	0,003	0,007	0,177	FALSE
-0,005	0,305	0,000	0,007	0,007	FALSE
0,127	0,300	0,005	0,011	0,173	FALSE
-0,080	0,299	-0,002	0,009	0,104	FALSE
-0,074	0,321	-0,003	0,012	0,102	FALSE
-0,103	0,317	-0,003	0,010	0,116	FALSE
0,153	0,303	0,007	0,012	0,230	FALSE
-0,158	0,307	-0,005	0,009	0,226	FALSE

-0,073	0,304	-0,002	0,011	0,071	FALSE
0,008	0,314	0,000	0,011	0,010	FALSE
-0,088	0,317	-0,002	0,007	0,118	FALSE
0,092	0,306	0,003	0,008	0,122	FALSE
0,027	0,308	0,001	0,008	0,052	FALSE
-0,011	0,317	0,000	0,013	0,005	FALSE
0,073	0,296	0,002	0,008	0,109	FALSE
-0,148	0,311	-0,004	0,008	0,216	FALSE
0,086	0,289	0,002	0,006	0,144	FALSE
-0,072	0,303	-0,002	0,008	0,084	FALSE
0,006	0,312	0,000	0,007	0,000	FALSE
0,055	0,310	0,001	0,006	0,040	FALSE
0,058	0,308	0,001	0,006	0,076	FALSE
-0,211	0,300	-0,008	0,012	0,303	FALSE
0,118	0,307	0,002	0,007	0,146	FALSE
0,047	0,295	0,002	0,007	0,096	FALSE
-0,140	0,301	-0,005	0,010	0,201	FALSE
0,098	0,304	0,002	0,007	0,104	FALSE
-0,209	0,291	-0,009	0,012	0,330	FALSE
0,188	0,302	0,008	0,013	0,279	FALSE
0,030	0,305	0,001	0,009	0,052	FALSE
-0,054	0,309	-0,002	0,008	0,108	FALSE
0,017	0,304	0,000	0,011	0,008	FALSE
-0,040	0,311	-0,001	0,012	0,040	FALSE
0,188	0,299	0,007	0,012	0,234	FALSE
-0,044	0,299	-0,001	0,007	0,057	FALSE
0,023	0,312	0,001	0,012	0,020	FALSE
0,125	0,300	0,005	0,011	0,176	FALSE
0,213	0,294	0,007	0,009	0,321	FALSE
0,137	0,309	0,004	0,009	0,172	FALSE
-0,052	0,308	-0,002	0,010	0,068	FALSE
-0,073	0,289	-0,003	0,011	0,103	FALSE
0,011	0,308	0,000	0,010	0,013	FALSE
0,010	0,310	-0,001	0,012	0,025	FALSE
-0,046	0,302	-0,002	0,009	0,072	FALSE
-0,021	0,320	-0,001	0,008	0,069	FALSE
-0,048	0,305	-0,002	0,008	0,077	FALSE
0,006	0,310	0,001	0,007	0,031	FALSE
-0,064	0,307	-0,002	0,012	0,074	FALSE
0,044	0,315	0,001	0,011	0,042	FALSE
0,144	0,315	0,003	0,007	0,190	FALSE
0,023	0,313	0,001	0,008	0,047	FALSE
0,030	0,301	0,001	0,007	0,064	FALSE
0,030	0,308	0,001	0,008	0,039	FALSE
-0,061	0,309	-0,003	0,011	0,088	FALSE
0,026	0,287	0,001	0,008	0,053	FALSE
-0,046	0,306	-0,002	0,010	0,090	FALSE
0,207	0,289	0,006	0,008	0,354	FALSE
0,048	0,321	0,002	0,012	0,049	FALSE
0,069	0,294	0,002	0,006	0,113	FALSE
-0,018	0,314	-0,001	0,006	0,030	FALSE
-0,041	0,314	-0,001	0,010	0,044	FALSE
-0,005	0,317	0,000	0,010	0,007	FALSE

-0,075	0,298	-0,003	0,010	0,106	FALSE
-0,008	0,297	0,000	0,006	0,022	FALSE
0,015	0,309	0,001	0,010	0,023	FALSE
-0,009	0,308	0,000	0,011	0,002	FALSE
-0,002	0,304	0,000	0,008	0,003	FALSE
0,060	0,310	0,001	0,007	0,049	FALSE
-0,127	0,309	-0,004	0,011	0,140	FALSE
0,046	0,296	0,001	0,007	0,076	FALSE
-0,060	0,319	-0,003	0,012	0,099	FALSE
-0,144	0,291	-0,004	0,008	0,211	FALSE
-0,121	0,297	-0,003	0,009	0,158	FALSE
0,018	0,320	0,000	0,012	0,000	FALSE
0,014	0,307	0,000	0,012	0,006	FALSE
0,061	0,304	0,002	0,012	0,080	FALSE
0,053	0,297	0,001	0,009	0,052	FALSE
-0,035	0,298	-0,001	0,007	0,068	FALSE
0,038	0,310	0,001	0,008	0,062	FALSE
0,074	0,296	0,003	0,010	0,124	FALSE
-0,195	0,301	-0,005	0,007	0,279	FALSE
-0,008	0,307	0,000	0,012	0,011	FALSE
-0,131	0,295	-0,004	0,008	0,192	FALSE
-0,002	0,302	-0,001	0,012	0,018	FALSE
0,041	0,299	0,001	0,012	0,031	FALSE
0,041	0,305	0,002	0,012	0,056	FALSE
-0,094	0,297	-0,002	0,006	0,096	FALSE
-0,030	0,295	-0,001	0,011	0,037	FALSE
-0,029	0,310	-0,002	0,013	0,044	FALSE
0,023	0,300	0,001	0,012	0,033	FALSE
0,058	0,301	0,001	0,010	0,046	FALSE
-0,099	0,315	-0,002	0,006	0,117	FALSE
0,141	0,294	0,004	0,007	0,239	FALSE
0,065	0,316	0,002	0,012	0,069	FALSE
-0,044	0,301	-0,001	0,006	0,046	FALSE
-0,154	0,290	-0,006	0,011	0,249	FALSE
0,015	0,316	0,000	0,009	0,015	FALSE
0,078	0,309	0,003	0,013	0,087	FALSE
0,093	0,293	0,005	0,011	0,173	FALSE
0,043	0,304	0,003	0,013	0,078	FALSE
-0,086	0,306	-0,003	0,013	0,086	FALSE
-0,026	0,301	-0,002	0,009	0,070	FALSE
-0,031	0,305	-0,002	0,010	0,067	FALSE
0,088	0,308	0,002	0,012	0,064	FALSE
0,097	0,284	0,003	0,011	0,085	FALSE
-0,012	0,305	0,000	0,007	0,015	FALSE
0,051	0,305	0,000	0,007	0,024	FALSE
-0,068	0,297	-0,001	0,006	0,064	FALSE
-0,051	0,310	-0,003	0,012	0,102	FALSE
-0,031	0,311	-0,001	0,008	0,026	FALSE
-0,099	0,308	-0,003	0,011	0,096	FALSE
0,026	0,323	0,000	0,008	0,009	FALSE
-0,089	0,312	-0,002	0,007	0,098	FALSE
0,081	0,299	0,001	0,008	0,061	FALSE
-0,073	0,318	-0,003	0,011	0,099	FALSE

-0,015	0,304	-0,001	0,008	0,041	FALSE
0,086	0,299	0,004	0,010	0,149	FALSE
0,061	0,301	0,002	0,009	0,102	FALSE
0,074	0,310	0,002	0,008	0,096	FALSE
-0,098	0,305	-0,002	0,008	0,108	FALSE
-0,206	0,289	-0,008	0,011	0,348	FALSE
0,000	0,312	0,000	0,012	0,002	FALSE
0,162	0,308	0,005	0,010	0,199	FALSE
0,184	0,304	0,006	0,010	0,267	FALSE
-0,018	0,313	0,000	0,009	0,005	FALSE
0,072	0,307	0,002	0,008	0,103	FALSE
-0,009	0,299	0,000	0,007	0,009	FALSE
0,103	0,304	0,003	0,006	0,172	FALSE
0,038	0,301	0,001	0,008	0,045	FALSE
-0,078	0,325	-0,002	0,007	0,132	FALSE
-0,098	0,310	-0,003	0,007	0,176	FALSE
0,147	0,302	0,005	0,010	0,186	FALSE
0,138	0,307	0,004	0,011	0,163	FALSE
-0,069	0,314	-0,002	0,012	0,059	FALSE
0,078	0,303	0,002	0,010	0,071	FALSE
-0,092	0,317	-0,003	0,008	0,140	FALSE
-0,213	0,299	-0,006	0,009	0,299	FALSE
0,066	0,296	0,003	0,012	0,106	FALSE
0,030	0,313	0,000	0,011	0,002	FALSE
0,001	0,315	-0,001	0,013	0,020	FALSE
-0,055	0,315	-0,001	0,013	0,039	FALSE
-0,117	0,298	-0,003	0,008	0,167	FALSE
0,103	0,312	0,002	0,007	0,129	FALSE
0,033	0,298	0,001	0,011	0,046	FALSE
0,140	0,308	0,003	0,007	0,177	FALSE
0,140	0,304	0,006	0,011	0,236	FALSE
-0,031	0,306	-0,001	0,008	0,051	FALSE
0,059	0,303	0,002	0,007	0,108	FALSE
-0,110	0,307	-0,004	0,009	0,173	FALSE
0,011	0,292	0,001	0,010	0,018	FALSE
0,028	0,302	0,001	0,006	0,035	FALSE
0,050	0,300	0,002	0,008	0,073	FALSE
0,017	0,303	0,000	0,012	0,006	FALSE
-0,091	0,310	-0,002	0,008	0,116	FALSE
0,016	0,305	-0,001	0,012	0,030	FALSE
0,010	0,307	0,000	0,009	0,016	FALSE
-0,020	0,313	0,000	0,011	0,015	FALSE
0,035	0,324	0,001	0,007	0,071	FALSE
0,056	0,319	0,002	0,007	0,089	FALSE
0,095	0,295	0,003	0,008	0,127	FALSE
-0,011	0,293	0,000	0,011	0,006	FALSE
-0,062	0,296	-0,001	0,008	0,072	FALSE
0,078	0,306	0,003	0,012	0,102	FALSE
0,112	0,316	0,005	0,013	0,142	FALSE
-0,049	0,316	-0,001	0,009	0,046	FALSE
0,073	0,290	0,001	0,006	0,086	FALSE
-0,065	0,300	-0,001	0,006	0,084	FALSE
0,071	0,304	0,001	0,006	0,047	FALSE

0,216	0,295	0,009	0,013	0,307	FALSE
0,023	0,317	0,001	0,011	0,032	FALSE
0,118	0,306	0,003	0,012	0,111	FALSE
-0,097	0,304	-0,003	0,011	0,115	FALSE
0,084	0,316	0,004	0,013	0,118	FALSE
-0,058	0,290	-0,001	0,009	0,063	FALSE
-0,040	0,311	-0,001	0,008	0,071	FALSE
0,129	0,311	0,004	0,009	0,178	FALSE
0,107	0,284	0,005	0,011	0,181	FALSE
0,054	0,296	0,001	0,006	0,072	FALSE
0,034	0,325	0,001	0,007	0,033	FALSE
-0,046	0,332	-0,001	0,012	0,041	FALSE
-0,060	0,307	-0,001	0,007	0,065	FALSE
-0,021	0,303	0,000	0,012	0,009	FALSE
-0,056	0,334	-0,002	0,012	0,051	FALSE
0,045	0,309	0,002	0,008	0,075	FALSE
-0,073	0,323	-0,001	0,007	0,071	FALSE
0,116	0,298	0,005	0,012	0,151	FALSE
-0,080	0,308	-0,004	0,013	0,129	FALSE
-0,118	0,319	-0,003	0,009	0,145	FALSE
0,016	0,307	0,000	0,008	0,003	FALSE
-0,098	0,299	-0,002	0,007	0,134	FALSE
0,073	0,308	0,002	0,008	0,116	FALSE
-0,016	0,315	-0,001	0,010	0,022	FALSE
0,029	0,297	0,001	0,009	0,028	FALSE
-0,079	0,304	-0,002	0,009	0,102	FALSE
-0,019	0,294	0,000	0,011	0,013	FALSE
0,007	0,305	0,000	0,007	0,006	FALSE
-0,082	0,324	-0,003	0,013	0,092	FALSE
-0,087	0,308	-0,002	0,010	0,084	FALSE
0,050	0,285	0,002	0,012	0,051	FALSE
0,092	0,294	0,002	0,006	0,120	FALSE
0,034	0,304	0,001	0,010	0,054	FALSE
0,008	0,298	0,000	0,008	0,016	FALSE
-0,103	0,317	-0,003	0,009	0,117	FALSE
0,009	0,319	0,000	0,012	0,009	FALSE
-0,029	0,319	-0,002	0,011	0,055	FALSE
0,076	0,314	0,003	0,010	0,115	FALSE
-0,024	0,307	0,000	0,006	0,019	FALSE
-0,005	0,304	-0,001	0,011	0,034	FALSE
0,048	0,318	0,001	0,012	0,039	FALSE
-0,052	0,306	-0,002	0,012	0,065	FALSE
-0,013	0,307	-0,001	0,008	0,042	FALSE
-0,096	0,288	-0,003	0,008	0,142	FALSE
-0,072	0,314	-0,002	0,009	0,084	FALSE
-0,086	0,319	-0,003	0,008	0,142	FALSE
0,026	0,312	0,001	0,013	0,035	FALSE
0,058	0,298	0,001	0,007	0,040	FALSE
0,060	0,307	0,002	0,008	0,083	FALSE
-0,032	0,302	-0,001	0,008	0,025	FALSE
-0,209	0,278	-0,009	0,012	0,362	FALSE
0,044	0,307	0,001	0,008	0,066	FALSE
-0,043	0,315	-0,002	0,010	0,068	FALSE

-0,063	0,296	-0,001	0,008	0,070	FALSE
-0,084	0,305	-0,003	0,011	0,111	FALSE
0,052	0,301	0,002	0,009	0,100	FALSE
-0,219	0,302	-0,004	0,007	0,297	FALSE
0,004	0,304	0,000	0,009	0,010	FALSE
0,034	0,316	0,001	0,010	0,033	FALSE
-0,027	0,301	-0,001	0,007	0,036	FALSE
-0,016	0,313	-0,001	0,010	0,024	FALSE
0,030	0,308	0,001	0,008	0,044	FALSE
-0,031	0,301	-0,002	0,012	0,056	FALSE
0,098	0,302	0,003	0,011	0,128	FALSE
0,066	0,299	0,002	0,009	0,087	FALSE
0,046	0,309	0,002	0,007	0,084	FALSE
0,086	0,304	0,003	0,009	0,126	FALSE
0,093	0,308	0,002	0,006	0,124	FALSE
0,086	0,299	0,003	0,010	0,138	FALSE
-0,006	0,303	-0,001	0,012	0,023	FALSE
-0,049	0,278	-0,002	0,011	0,059	FALSE
0,101	0,304	0,004	0,011	0,148	FALSE
0,036	0,303	0,001	0,010	0,029	FALSE
0,042	0,304	0,001	0,011	0,018	FALSE
-0,018	0,297	-0,001	0,009	0,051	FALSE
-0,019	0,297	0,000	0,009	0,008	FALSE
0,060	0,309	0,002	0,010	0,069	FALSE
0,038	0,309	0,001	0,008	0,027	FALSE
-0,017	0,316	-0,001	0,011	0,026	FALSE
0,025	0,313	0,001	0,009	0,023	FALSE
0,128	0,288	0,004	0,011	0,167	FALSE
-0,031	0,303	0,000	0,009	0,005	FALSE
-0,119	0,309	-0,002	0,007	0,144	FALSE
-0,002	0,314	0,000	0,010	0,012	FALSE
-0,006	0,310	0,000	0,007	0,022	FALSE
0,040	0,300	0,001	0,009	0,024	FALSE
-0,013	0,306	-0,001	0,006	0,041	FALSE
0,074	0,302	0,002	0,008	0,084	FALSE
0,046	0,305	0,002	0,011	0,062	FALSE
0,007	0,299	-0,001	0,007	0,036	FALSE
0,096	0,294	0,005	0,010	0,199	FALSE
0,124	0,307	0,003	0,007	0,198	FALSE
-0,048	0,307	-0,002	0,009	0,092	FALSE
-0,022	0,310	-0,002	0,009	0,066	TRUE
0,012	0,318	0,001	0,012	0,016	FALSE
-0,155	0,315	-0,003	0,006	0,221	FALSE
-0,033	0,325	-0,001	0,008	0,064	FALSE
0,041	0,299	0,001	0,007	0,046	FALSE
-0,053	0,302	-0,001	0,006	0,059	FALSE
-0,093	0,313	-0,003	0,013	0,102	FALSE
0,039	0,321	0,001	0,011	0,036	FALSE
0,102	0,304	0,002	0,007	0,138	FALSE
0,086	0,296	0,001	0,008	0,068	FALSE
-0,049	0,311	-0,001	0,011	0,045	FALSE
0,015	0,311	0,000	0,007	0,010	FALSE
0,024	0,313	0,000	0,008	0,010	FALSE

0,011	0,313	0,000	0,007	0,009	FALSE
0,083	0,300	0,002	0,007	0,113	FALSE
-0,040	0,318	-0,001	0,010	0,046	FALSE
0,023	0,301	0,001	0,012	0,044	FALSE
0,073	0,297	0,002	0,011	0,052	FALSE
-0,108	0,306	-0,004	0,011	0,173	FALSE
0,164	0,287	0,005	0,007	0,294	FALSE
0,086	0,303	0,002	0,007	0,096	FALSE
0,087	0,305	0,003	0,013	0,095	FALSE
-0,053	0,314	-0,002	0,012	0,048	FALSE
0,231	0,280	0,008	0,009	0,400	FALSE
-0,112	0,313	-0,003	0,009	0,144	FALSE
0,110	0,302	0,006	0,013	0,181	FALSE
-0,070	0,317	-0,003	0,013	0,091	FALSE
0,085	0,290	0,003	0,010	0,109	FALSE
0,024	0,318	0,000	0,011	0,015	FALSE
0,007	0,311	0,000	0,011	0,005	FALSE
-0,013	0,315	-0,001	0,008	0,040	FALSE
0,028	0,314	0,001	0,007	0,027	FALSE
-0,082	0,300	-0,002	0,009	0,106	FALSE
0,020	0,311	0,001	0,012	0,015	FALSE
-0,042	0,303	-0,002	0,011	0,063	FALSE
-0,053	0,314	-0,002	0,009	0,070	FALSE
-0,052	0,299	0,000	0,013	0,006	FALSE
0,098	0,289	0,003	0,006	0,210	FALSE
-0,105	0,301	-0,004	0,012	0,135	FALSE
-0,082	0,294	-0,004	0,012	0,119	FALSE
-0,054	0,293	-0,001	0,007	0,058	FALSE
-0,144	0,292	-0,006	0,012	0,222	FALSE
0,096	0,303	0,002	0,007	0,127	FALSE
-0,022	0,303	0,000	0,007	0,004	FALSE
-0,041	0,304	-0,001	0,007	0,031	FALSE
-0,022	0,302	-0,001	0,010	0,018	FALSE
0,031	0,297	0,002	0,012	0,063	FALSE
-0,114	0,296	-0,002	0,008	0,103	FALSE
-0,060	0,318	-0,002	0,011	0,063	FALSE
-0,005	0,309	-0,001	0,010	0,026	FALSE
0,083	0,301	0,002	0,007	0,111	FALSE
-0,026	0,306	0,000	0,007	0,021	FALSE
-0,155	0,306	-0,003	0,006	0,197	FALSE
-0,044	0,303	-0,001	0,006	0,045	FALSE
0,035	0,300	0,001	0,009	0,047	FALSE
-0,073	0,314	-0,002	0,008	0,104	FALSE
-0,086	0,313	-0,002	0,007	0,121	FALSE
0,029	0,305	0,001	0,012	0,041	FALSE
-0,149	0,302	-0,004	0,008	0,184	FALSE
0,047	0,292	0,002	0,009	0,076	FALSE
0,029	0,311	0,001	0,011	0,038	FALSE
0,025	0,310	0,002	0,009	0,074	FALSE
0,069	0,299	0,002	0,009	0,111	FALSE
0,028	0,316	0,000	0,012	0,010	FALSE
-0,037	0,306	0,000	0,010	0,010	FALSE
0,051	0,318	0,002	0,012	0,072	FALSE

0,079	0,302	0,004	0,012	0,130	FALSE
0,025	0,301	0,001	0,010	0,038	FALSE
0,077	0,312	0,002	0,007	0,090	FALSE
-0,025	0,304	-0,001	0,006	0,043	FALSE
0,087	0,290	0,003	0,009	0,138	FALSE
0,129	0,308	0,004	0,009	0,177	FALSE
-0,038	0,300	-0,001	0,006	0,052	FALSE
-0,012	0,297	0,000	0,008	0,017	FALSE
-0,064	0,303	-0,002	0,007	0,090	FALSE
0,088	0,303	0,003	0,013	0,102	FALSE
0,054	0,300	0,002	0,007	0,114	FALSE
-0,032	0,301	-0,001	0,007	0,077	FALSE
0,050	0,315	0,002	0,009	0,072	FALSE
0,062	0,316	0,003	0,012	0,096	FALSE
0,032	0,309	0,001	0,011	0,027	FALSE
-0,050	0,307	-0,002	0,009	0,093	FALSE
0,076	0,314	0,002	0,012	0,068	FALSE
-0,001	0,315	0,000	0,013	0,013	FALSE
-0,024	0,306	0,000	0,007	0,020	FALSE
0,109	0,328	0,002	0,006	0,123	FALSE
-0,058	0,313	-0,003	0,013	0,076	FALSE
0,137	0,300	0,004	0,010	0,166	FALSE
-0,120	0,309	-0,004	0,012	0,150	FALSE
0,034	0,294	0,001	0,012	0,044	FALSE
0,026	0,313	0,000	0,007	0,008	FALSE
-0,111	0,315	-0,003	0,009	0,146	FALSE
-0,030	0,330	-0,001	0,007	0,033	FALSE
-0,085	0,312	-0,003	0,009	0,138	FALSE
-0,076	0,301	-0,004	0,012	0,119	FALSE
0,101	0,314	0,003	0,010	0,121	FALSE
0,124	0,295	0,006	0,012	0,225	FALSE
-0,092	0,311	-0,003	0,009	0,133	FALSE
-0,089	0,313	-0,003	0,012	0,087	FALSE
-0,091	0,311	-0,003	0,011	0,085	FALSE
0,071	0,291	0,003	0,010	0,114	FALSE
-0,071	0,307	-0,002	0,008	0,113	FALSE
-0,068	0,314	-0,002	0,007	0,096	FALSE
0,045	0,310	0,001	0,012	0,041	FALSE
0,017	0,304	0,001	0,008	0,046	FALSE
-0,013	0,313	0,000	0,010	0,000	FALSE
0,072	0,291	0,003	0,010	0,132	FALSE
0,041	0,306	0,001	0,008	0,044	FALSE
-0,071	0,312	-0,001	0,007	0,078	FALSE
-0,005	0,310	0,001	0,008	0,038	FALSE
-0,001	0,321	0,001	0,008	0,037	FALSE
-0,113	0,290	-0,006	0,012	0,208	FALSE
0,049	0,295	0,002	0,009	0,082	FALSE
0,017	0,305	0,000	0,007	0,013	FALSE
0,061	0,290	0,002	0,010	0,084	FALSE
0,073	0,314	0,002	0,011	0,088	FALSE
0,061	0,306	0,002	0,008	0,087	FALSE
0,125	0,306	0,003	0,006	0,173	FALSE
-0,063	0,308	-0,002	0,010	0,058	FALSE

0,014	0,305	0,001	0,011	0,020	FALSE
-0,008	0,323	0,000	0,011	0,006	FALSE
0,048	0,307	0,001	0,007	0,038	FALSE
0,026	0,305	0,000	0,007	0,019	FALSE
-0,034	0,302	-0,001	0,012	0,037	FALSE
0,000	0,307	-0,001	0,008	0,027	FALSE
0,130	0,304	0,004	0,009	0,167	FALSE
0,077	0,304	0,002	0,011	0,085	FALSE
0,143	0,312	0,004	0,009	0,194	FALSE
0,050	0,308	0,002	0,010	0,071	FALSE
0,046	0,303	0,001	0,006	0,041	FALSE
0,097	0,302	0,004	0,009	0,152	FALSE
0,051	0,309	0,003	0,012	0,077	FALSE
-0,001	0,304	0,000	0,007	0,010	FALSE
-0,023	0,295	-0,001	0,009	0,053	FALSE
-0,001	0,303	-0,001	0,009	0,030	FALSE
-0,048	0,302	0,000	0,006	0,025	FALSE
0,022	0,314	0,002	0,009	0,064	FALSE
0,063	0,311	0,003	0,011	0,106	FALSE
0,020	0,313	0,001	0,008	0,051	FALSE
-0,135	0,309	-0,004	0,008	0,180	FALSE
0,071	0,295	0,003	0,011	0,114	FALSE
-0,068	0,308	-0,001	0,006	0,053	FALSE
-0,023	0,305	-0,001	0,007	0,043	FALSE
-0,070	0,291	-0,003	0,011	0,088	FALSE
-0,039	0,305	-0,001	0,008	0,045	FALSE
0,019	0,304	0,000	0,011	0,012	FALSE
0,111	0,290	0,003	0,010	0,132	FALSE
-0,007	0,300	0,000	0,008	0,017	FALSE
0,129	0,309	0,003	0,009	0,144	FALSE
-0,140	0,301	-0,005	0,012	0,157	FALSE
0,156	0,287	0,004	0,009	0,173	FALSE
-0,182	0,283	-0,004	0,007	0,237	FALSE
0,036	0,311	0,001	0,009	0,031	FALSE
-0,151	0,305	-0,005	0,010	0,217	FALSE
-0,175	0,291	-0,006	0,010	0,271	FALSE
-0,145	0,304	-0,006	0,011	0,205	FALSE
0,007	0,300	0,000	0,010	0,007	FALSE
0,013	0,311	0,001	0,007	0,036	FALSE
-0,080	0,312	-0,002	0,007	0,124	FALSE
-0,056	0,297	-0,002	0,009	0,068	FALSE
0,149	0,295	0,006	0,011	0,228	FALSE
0,090	0,294	0,004	0,011	0,130	FALSE
-0,170	0,297	-0,003	0,006	0,202	FALSE
0,006	0,318	0,000	0,009	0,004	FALSE
0,047	0,316	0,001	0,011	0,036	FALSE
0,028	0,318	0,001	0,006	0,055	FALSE
-0,017	0,323	0,000	0,009	0,017	FALSE
-0,023	0,305	-0,001	0,010	0,050	FALSE
-0,025	0,305	0,000	0,008	0,011	FALSE
0,056	0,297	0,001	0,007	0,053	FALSE
-0,100	0,308	-0,002	0,008	0,109	FALSE
0,086	0,311	0,002	0,009	0,065	FALSE

-0,140	0,319	-0,003	0,008	0,158	FALSE
-0,069	0,301	-0,002	0,010	0,082	FALSE
-0,056	0,313	-0,002	0,011	0,067	FALSE
-0,038	0,323	-0,002	0,013	0,041	FALSE
-0,002	0,293	0,000	0,007	0,005	FALSE
0,044	0,292	0,001	0,007	0,040	FALSE
-0,041	0,310	0,000	0,012	0,002	FALSE
0,110	0,315	0,003	0,008	0,168	FALSE
0,136	0,305	0,004	0,009	0,173	FALSE
0,026	0,310	0,000	0,007	0,015	FALSE
-0,139	0,307	-0,004	0,009	0,194	FALSE
-0,008	0,326	0,000	0,012	0,008	FALSE
0,014	0,306	0,000	0,008	0,019	FALSE
0,047	0,306	0,001	0,008	0,065	FALSE
0,006	0,316	-0,001	0,012	0,018	FALSE
0,042	0,299	0,001	0,010	0,021	FALSE
-0,127	0,306	-0,004	0,011	0,154	FALSE
0,022	0,305	0,000	0,012	0,003	FALSE
0,061	0,310	0,001	0,011	0,049	FALSE
-0,075	0,301	-0,002	0,010	0,089	FALSE
0,030	0,327	0,001	0,010	0,025	FALSE
-0,018	0,307	-0,001	0,009	0,033	FALSE
0,069	0,308	0,003	0,011	0,099	FALSE
-0,007	0,305	-0,001	0,012	0,037	FALSE
-0,024	0,309	-0,002	0,013	0,052	FALSE
-0,142	0,301	-0,003	0,006	0,179	FALSE
-0,092	0,305	-0,005	0,012	0,172	FALSE
0,091	0,302	0,004	0,011	0,153	FALSE
-0,015	0,307	-0,001	0,007	0,052	FALSE
0,093	0,302	0,005	0,012	0,171	FALSE
0,010	0,310	0,000	0,009	0,016	FALSE
0,093	0,312	0,003	0,011	0,095	FALSE
-0,045	0,305	-0,001	0,009	0,039	FALSE
0,005	0,296	0,001	0,008	0,042	FALSE
0,038	0,313	0,000	0,009	0,007	FALSE
-0,034	0,301	-0,001	0,007	0,038	FALSE
0,003	0,309	0,000	0,009	0,007	FALSE
-0,023	0,319	-0,001	0,007	0,027	FALSE
-0,129	0,299	-0,003	0,008	0,187	FALSE
-0,116	0,309	-0,003	0,009	0,132	FALSE
0,082	0,299	0,003	0,010	0,110	FALSE
0,031	0,318	0,000	0,011	0,015	FALSE
0,117	0,306	0,003	0,008	0,143	FALSE
-0,051	0,321	-0,002	0,009	0,065	FALSE
0,033	0,295	0,001	0,007	0,033	FALSE
-0,072	0,310	-0,003	0,010	0,124	FALSE
0,010	0,305	0,000	0,007	0,005	FALSE
-0,003	0,305	0,000	0,007	0,025	FALSE
0,012	0,306	0,001	0,010	0,023	FALSE
-0,004	0,303	0,001	0,010	0,020	FALSE
-0,089	0,299	-0,003	0,009	0,132	FALSE
-0,048	0,300	-0,001	0,007	0,067	FALSE
0,050	0,322	0,001	0,007	0,051	FALSE

-0,051	0,318	-0,001	0,009	0,051	FALSE
-0,001	0,306	0,000	0,007	0,002	FALSE
-0,047	0,312	-0,002	0,007	0,081	FALSE
0,019	0,305	0,001	0,008	0,025	FALSE
0,104	0,305	0,004	0,013	0,138	FALSE
0,146	0,281	0,006	0,012	0,216	FALSE
0,005	0,300	0,000	0,011	0,005	FALSE
0,040	0,319	0,001	0,012	0,029	FALSE
0,083	0,320	0,003	0,012	0,083	FALSE
0,113	0,321	0,004	0,013	0,119	FALSE
0,089	0,310	0,003	0,012	0,091	FALSE
0,097	0,302	0,002	0,008	0,097	FALSE
0,119	0,315	0,004	0,012	0,124	FALSE
0,008	0,304	0,000	0,009	0,003	FALSE
0,021	0,292	0,000	0,006	0,008	FALSE
-0,087	0,317	-0,003	0,008	0,130	FALSE
-0,004	0,302	0,000	0,006	0,019	FALSE
-0,056	0,316	-0,001	0,008	0,048	FALSE
0,074	0,311	0,003	0,008	0,129	FALSE
0,120	0,299	0,004	0,012	0,149	FALSE
0,019	0,309	0,000	0,011	0,014	FALSE
0,053	0,303	0,001	0,007	0,067	FALSE
-0,089	0,305	-0,002	0,006	0,131	FALSE
-0,072	0,302	-0,002	0,010	0,077	FALSE
-0,018	0,311	-0,001	0,009	0,031	FALSE
0,056	0,303	0,001	0,007	0,062	FALSE
0,065	0,297	0,002	0,008	0,100	FALSE
-0,028	0,314	-0,001	0,012	0,016	FALSE
0,116	0,304	0,003	0,009	0,133	FALSE
-0,122	0,317	-0,004	0,013	0,126	FALSE
-0,132	0,307	-0,004	0,012	0,137	FALSE
0,049	0,302	0,001	0,008	0,066	FALSE
-0,110	0,308	-0,002	0,007	0,141	FALSE
0,015	0,302	0,001	0,013	0,038	FALSE
-0,132	0,309	-0,004	0,008	0,225	FALSE
-0,006	0,298	0,000	0,007	0,010	FALSE
-0,156	0,312	-0,007	0,012	0,236	FALSE
0,049	0,317	0,001	0,007	0,053	FALSE
0,037	0,301	0,001	0,010	0,050	FALSE
-0,041	0,298	-0,001	0,007	0,058	FALSE
0,007	0,315	-0,001	0,008	0,030	FALSE
-0,061	0,310	-0,002	0,010	0,069	FALSE
0,018	0,306	0,000	0,007	0,005	FALSE
0,023	0,312	0,000	0,007	0,022	FALSE
-0,006	0,301	0,000	0,011	0,005	FALSE
-0,118	0,308	-0,003	0,007	0,166	FALSE
0,008	0,296	0,000	0,009	0,008	FALSE
-0,083	0,314	-0,004	0,013	0,116	FALSE
0,160	0,280	0,004	0,007	0,249	FALSE
0,052	0,303	0,001	0,007	0,062	FALSE
0,045	0,322	0,002	0,013	0,051	FALSE
-0,112	0,314	-0,003	0,008	0,152	FALSE
-0,125	0,301	-0,005	0,009	0,220	FALSE

-0,161	0,298	-0,006	0,009	0,302	FALSE
-0,150	0,306	-0,006	0,010	0,266	FALSE
-0,160	0,313	-0,005	0,010	0,224	FALSE
0,091	0,308	0,004	0,012	0,125	FALSE
0,076	0,322	0,002	0,009	0,069	FALSE
0,069	0,310	0,001	0,008	0,064	FALSE
-0,124	0,314	-0,005	0,012	0,162	FALSE
-0,077	0,293	-0,002	0,009	0,087	FALSE
-0,047	0,310	-0,002	0,009	0,083	FALSE
-0,091	0,302	-0,002	0,009	0,101	FALSE
-0,046	0,307	0,000	0,006	0,028	FALSE
0,098	0,326	0,003	0,011	0,126	FALSE
0,081	0,302	0,003	0,008	0,121	FALSE
0,148	0,307	0,006	0,011	0,232	FALSE
-0,049	0,298	-0,001	0,007	0,070	FALSE
-0,010	0,316	0,000	0,011	0,001	FALSE
-0,016	0,306	-0,001	0,007	0,038	FALSE
-0,172	0,308	-0,007	0,012	0,241	FALSE
0,012	0,305	0,001	0,010	0,022	FALSE
0,077	0,310	0,003	0,012	0,097	FALSE
0,062	0,316	0,002	0,012	0,062	FALSE
0,050	0,318	0,001	0,008	0,065	FALSE
-0,009	0,310	0,001	0,011	0,022	FALSE
-0,071	0,305	-0,002	0,008	0,087	FALSE
0,101	0,315	0,003	0,008	0,135	FALSE
-0,049	0,309	-0,002	0,011	0,077	FALSE
0,032	0,305	0,001	0,007	0,053	FALSE
0,052	0,319	0,001	0,009	0,046	FALSE
-0,002	0,308	0,000	0,009	0,004	FALSE
0,127	0,305	0,003	0,006	0,206	FALSE
-0,082	0,302	-0,002	0,008	0,111	FALSE
-0,110	0,307	-0,005	0,010	0,179	FALSE
-0,108	0,294	-0,004	0,009	0,184	FALSE
-0,023	0,315	-0,001	0,013	0,028	FALSE
-0,127	0,296	-0,005	0,010	0,199	FALSE
0,108	0,292	0,005	0,011	0,177	FALSE
0,075	0,290	0,003	0,011	0,116	FALSE
-0,016	0,303	0,000	0,011	0,003	FALSE
0,133	0,309	0,006	0,012	0,202	FALSE
0,090	0,306	0,003	0,007	0,135	FALSE
0,007	0,303	0,002	0,012	0,063	FALSE
-0,073	0,294	-0,002	0,007	0,107	FALSE
0,032	0,293	0,003	0,012	0,086	FALSE
-0,102	0,297	-0,003	0,007	0,147	FALSE
-0,096	0,303	-0,003	0,010	0,130	FALSE
-0,165	0,297	-0,004	0,007	0,265	FALSE
0,107	0,301	0,005	0,012	0,179	FALSE
0,182	0,292	0,005	0,007	0,290	FALSE
-0,145	0,309	-0,003	0,007	0,178	FALSE
-0,003	0,317	0,000	0,007	0,014	FALSE
0,027	0,298	0,001	0,011	0,042	FALSE
0,118	0,296	0,003	0,009	0,156	FALSE
0,028	0,302	0,000	0,010	0,004	FALSE

0,030	0,303	0,001	0,011	0,028	FALSE
-0,057	0,318	-0,002	0,009	0,102	FALSE
-0,132	0,299	-0,002	0,007	0,142	FALSE
-0,014	0,310	-0,001	0,009	0,039	FALSE
-0,094	0,302	-0,004	0,013	0,126	FALSE
0,138	0,302	0,004	0,009	0,192	FALSE
-0,035	0,299	-0,001	0,006	0,045	FALSE
0,042	0,317	0,002	0,012	0,050	FALSE
0,001	0,290	0,000	0,009	0,006	FALSE
-0,050	0,296	-0,001	0,010	0,023	FALSE
-0,091	0,301	-0,002	0,009	0,088	FALSE
-0,031	0,300	-0,001	0,012	0,034	FALSE
-0,110	0,296	-0,004	0,011	0,161	FALSE
-0,049	0,299	-0,001	0,007	0,070	FALSE
-0,092	0,305	-0,002	0,007	0,129	FALSE
0,098	0,303	0,003	0,009	0,138	FALSE
0,078	0,292	0,002	0,006	0,098	FALSE
0,083	0,292	0,002	0,007	0,085	FALSE
0,045	0,307	0,002	0,011	0,065	FALSE
0,068	0,305	0,001	0,008	0,063	FALSE
0,084	0,311	0,003	0,007	0,146	FALSE
-0,116	0,302	-0,002	0,008	0,122	FALSE
-0,070	0,309	-0,002	0,011	0,080	FALSE
-0,012	0,316	0,001	0,011	0,018	FALSE
-0,091	0,313	-0,001	0,006	0,071	FALSE
0,015	0,302	0,002	0,011	0,050	FALSE
-0,019	0,312	-0,001	0,009	0,026	FALSE
-0,016	0,303	0,000	0,010	0,001	FALSE
0,003	0,318	0,000	0,008	0,004	FALSE
0,109	0,303	0,004	0,012	0,144	FALSE
-0,109	0,308	-0,003	0,008	0,140	FALSE
0,067	0,306	0,002	0,007	0,088	FALSE
0,122	0,299	0,005	0,011	0,168	FALSE
-0,024	0,300	0,000	0,006	0,001	FALSE
0,003	0,316	0,000	0,007	0,005	FALSE
-0,068	0,303	-0,001	0,007	0,075	FALSE
0,015	0,312	0,000	0,008	0,011	FALSE
0,043	0,308	0,001	0,007	0,063	FALSE
0,052	0,305	0,001	0,008	0,039	FALSE
0,142	0,308	0,006	0,012	0,195	FALSE
0,011	0,302	0,000	0,011	0,003	FALSE
-0,003	0,302	0,000	0,006	0,007	FALSE
0,083	0,312	0,002	0,009	0,098	FALSE
0,041	0,304	0,001	0,007	0,059	FALSE
0,049	0,306	0,001	0,007	0,070	FALSE
-0,135	0,287	-0,005	0,012	0,191	FALSE
0,018	0,304	0,000	0,006	0,004	FALSE
0,096	0,306	0,002	0,006	0,110	FALSE
-0,006	0,307	0,000	0,012	0,011	FALSE
0,048	0,311	0,002	0,009	0,062	FALSE
0,106	0,312	0,002	0,008	0,129	FALSE
0,075	0,319	0,002	0,007	0,088	FALSE
-0,079	0,319	-0,003	0,011	0,104	FALSE

0,040	0,316	0,001	0,012	0,036	FALSE
-0,001	0,297	0,000	0,006	0,016	FALSE
-0,082	0,312	-0,002	0,009	0,060	FALSE
-0,013	0,312	0,000	0,007	0,012	FALSE
-0,201	0,304	-0,004	0,006	0,262	FALSE
-0,064	0,300	-0,001	0,006	0,077	FALSE
-0,057	0,320	-0,001	0,007	0,048	FALSE
-0,004	0,299	-0,001	0,008	0,035	FALSE
0,051	0,319	0,002	0,013	0,065	FALSE
0,016	0,316	0,000	0,009	0,019	FALSE
-0,071	0,318	-0,002	0,008	0,085	FALSE
-0,058	0,314	-0,002	0,009	0,077	FALSE
0,055	0,302	0,001	0,010	0,049	FALSE
-0,145	0,296	-0,005	0,010	0,197	FALSE
-0,030	0,310	0,000	0,007	0,017	FALSE
0,002	0,298	0,001	0,006	0,037	FALSE
-0,096	0,311	-0,003	0,009	0,118	FALSE
0,224	0,291	0,009	0,012	0,355	FALSE
-0,041	0,324	-0,001	0,008	0,048	FALSE
0,032	0,310	0,002	0,012	0,067	FALSE
-0,069	0,319	-0,001	0,008	0,056	FALSE
0,041	0,329	0,002	0,013	0,058	FALSE
-0,043	0,325	-0,001	0,008	0,038	FALSE
-0,069	0,310	-0,002	0,008	0,082	FALSE
0,065	0,303	0,002	0,008	0,087	FALSE
-0,054	0,307	-0,002	0,012	0,064	FALSE
0,060	0,297	0,003	0,011	0,116	FALSE
-0,064	0,306	-0,002	0,009	0,089	FALSE
0,033	0,305	0,000	0,009	0,016	FALSE
0,141	0,292	0,006	0,012	0,212	FALSE
0,009	0,308	0,000	0,008	0,005	FALSE
-0,129	0,302	-0,005	0,011	0,186	FALSE
-0,097	0,294	-0,003	0,010	0,126	FALSE
-0,114	0,315	-0,003	0,007	0,166	FALSE
-0,162	0,302	-0,004	0,008	0,229	FALSE
-0,104	0,304	-0,005	0,012	0,161	FALSE
-0,091	0,306	-0,005	0,012	0,152	FALSE
-0,083	0,311	-0,002	0,008	0,085	FALSE
-0,038	0,313	-0,001	0,008	0,023	FALSE
0,039	0,308	0,002	0,012	0,047	FALSE
-0,073	0,307	-0,002	0,006	0,095	FALSE
-0,073	0,304	-0,002	0,011	0,083	FALSE
-0,051	0,310	-0,002	0,010	0,061	FALSE
0,146	0,296	0,005	0,011	0,173	FALSE
-0,087	0,302	-0,002	0,006	0,106	FALSE
-0,002	0,307	0,000	0,007	0,000	FALSE
-0,103	0,303	-0,004	0,010	0,133	FALSE
0,162	0,298	0,005	0,008	0,300	FALSE
-0,059	0,304	-0,002	0,008	0,091	FALSE
-0,040	0,320	-0,001	0,011	0,029	FALSE
-0,012	0,312	0,000	0,009	0,007	FALSE
-0,044	0,302	-0,001	0,007	0,043	FALSE
0,010	0,296	0,001	0,012	0,031	FALSE

-0,110	0,284	-0,004	0,008	0,193	FALSE
-0,011	0,310	0,000	0,009	0,017	FALSE
-0,089	0,303	-0,002	0,007	0,107	FALSE
-0,021	0,318	-0,001	0,009	0,020	FALSE
-0,052	0,319	-0,001	0,009	0,060	FALSE
0,080	0,316	0,002	0,007	0,102	FALSE
-0,110	0,308	-0,003	0,008	0,150	FALSE
0,101	0,306	0,003	0,010	0,126	FALSE
0,094	0,295	0,003	0,010	0,136	FALSE
-0,084	0,308	-0,003	0,011	0,129	FALSE
0,061	0,304	0,002	0,007	0,087	FALSE
0,034	0,311	0,002	0,010	0,061	FALSE
0,096	0,305	0,002	0,008	0,106	FALSE
0,001	0,313	-0,001	0,007	0,027	FALSE
-0,006	0,292	-0,001	0,006	0,043	FALSE
-0,158	0,301	-0,006	0,012	0,203	FALSE
-0,087	0,311	-0,004	0,012	0,115	FALSE
-0,011	0,298	0,000	0,007	0,012	FALSE
0,141	0,307	0,003	0,007	0,167	FALSE
-0,100	0,319	-0,002	0,007	0,125	FALSE
-0,084	0,305	-0,003	0,009	0,112	FALSE
-0,123	0,303	-0,003	0,007	0,166	FALSE
-0,111	0,313	-0,003	0,007	0,159	FALSE
0,110	0,304	0,004	0,011	0,131	FALSE
-0,098	0,294	-0,003	0,009	0,149	FALSE
-0,154	0,305	-0,004	0,007	0,223	FALSE
-0,071	0,320	-0,002	0,007	0,121	FALSE
-0,103	0,304	-0,003	0,007	0,167	FALSE
-0,066	0,314	-0,001	0,006	0,085	FALSE
-0,104	0,307	-0,002	0,008	0,107	FALSE
0,033	0,293	0,002	0,012	0,054	FALSE
0,043	0,293	0,002	0,011	0,072	FALSE
0,051	0,294	0,002	0,012	0,069	FALSE
-0,125	0,294	-0,004	0,008	0,214	FALSE
-0,020	0,313	0,000	0,006	0,014	FALSE
0,001	0,305	0,000	0,007	0,007	FALSE
0,075	0,314	0,003	0,013	0,078	FALSE
-0,008	0,307	0,000	0,008	0,004	FALSE
0,046	0,308	0,003	0,012	0,079	FALSE
-0,101	0,310	-0,003	0,009	0,139	FALSE
-0,124	0,312	-0,004	0,009	0,162	FALSE
0,055	0,306	0,001	0,012	0,035	FALSE
0,184	0,293	0,006	0,010	0,256	FALSE
0,015	0,321	0,001	0,010	0,027	FALSE
-0,046	0,302	0,000	0,010	0,010	FALSE
-0,078	0,301	-0,004	0,010	0,150	FALSE
-0,026	0,303	-0,001	0,010	0,024	FALSE
-0,086	0,305	-0,004	0,010	0,149	FALSE
-0,090	0,305	-0,003	0,007	0,142	FALSE
0,026	0,312	0,001	0,007	0,026	FALSE
0,101	0,297	0,004	0,009	0,162	FALSE
0,087	0,295	0,003	0,009	0,152	FALSE
0,073	0,302	0,003	0,009	0,120	FALSE

0,104	0,310	0,004	0,010	0,173	FALSE
-0,067	0,319	-0,002	0,007	0,092	FALSE
0,067	0,307	0,002	0,008	0,086	FALSE
0,079	0,312	0,002	0,010	0,077	FALSE
0,009	0,306	0,001	0,012	0,018	FALSE
-0,128	0,301	-0,004	0,008	0,182	FALSE
-0,164	0,289	-0,006	0,012	0,237	FALSE
-0,025	0,315	-0,001	0,011	0,036	FALSE
-0,048	0,323	-0,002	0,012	0,070	FALSE
0,004	0,313	0,000	0,008	0,004	FALSE
-0,042	0,312	-0,003	0,012	0,078	FALSE
0,130	0,292	0,004	0,011	0,154	FALSE
-0,020	0,320	0,000	0,013	0,014	FALSE
0,004	0,310	0,001	0,011	0,028	FALSE
-0,008	0,311	0,000	0,007	0,016	FALSE
0,054	0,300	0,001	0,007	0,050	FALSE
0,149	0,296	0,004	0,009	0,187	FALSE
0,041	0,309	0,001	0,007	0,055	FALSE
-0,002	0,304	0,000	0,012	0,010	FALSE
0,009	0,310	0,000	0,012	0,002	FALSE
-0,057	0,315	-0,002	0,012	0,061	FALSE
-0,110	0,299	-0,003	0,009	0,112	FALSE
-0,036	0,297	-0,001	0,008	0,050	FALSE
0,010	0,314	0,001	0,013	0,014	FALSE
-0,010	0,316	-0,001	0,012	0,024	FALSE
-0,011	0,318	0,000	0,013	0,011	FALSE
-0,022	0,305	-0,001	0,012	0,018	FALSE
-0,010	0,315	-0,001	0,013	0,020	FALSE
-0,001	0,309	0,000	0,012	0,006	FALSE
0,005	0,314	0,000	0,012	0,004	FALSE
0,001	0,329	0,000	0,013	0,005	FALSE
-0,001	0,324	0,000	0,013	0,000	FALSE
0,000	0,329	0,000	0,013	0,007	FALSE
0,020	0,323	0,001	0,013	0,016	FALSE
-0,034	0,316	-0,001	0,013	0,030	FALSE
0,020	0,313	0,001	0,013	0,014	FALSE
-0,018	0,319	-0,001	0,013	0,015	FALSE
0,143	0,306	0,006	0,012	0,207	FALSE
-0,146	0,311	-0,005	0,011	0,186	FALSE
-0,006	0,312	0,000	0,007	0,004	FALSE
0,055	0,313	0,002	0,008	0,108	FALSE
-0,096	0,301	-0,002	0,007	0,119	FALSE
-0,004	0,301	0,000	0,009	0,011	FALSE
-0,069	0,306	-0,001	0,007	0,073	FALSE
0,031	0,302	0,001	0,008	0,044	FALSE
-0,011	0,315	-0,001	0,012	0,015	FALSE
0,082	0,310	0,002	0,007	0,093	FALSE
0,004	0,307	-0,001	0,010	0,023	FALSE
0,063	0,296	0,001	0,007	0,045	FALSE
0,014	0,315	0,000	0,008	0,000	FALSE
0,020	0,310	0,001	0,008	0,048	FALSE
0,040	0,302	0,000	0,008	0,020	FALSE
0,080	0,299	0,001	0,008	0,058	FALSE

-0,091	0,308	-0,002	0,007	0,099	FALSE
0,007	0,307	0,000	0,010	0,009	FALSE
-0,070	0,307	-0,003	0,012	0,104	FALSE
0,049	0,295	0,002	0,009	0,103	FALSE
0,008	0,308	0,000	0,012	0,004	FALSE
0,001	0,315	0,000	0,007	0,012	FALSE
-0,084	0,293	-0,004	0,012	0,141	FALSE
-0,023	0,307	0,000	0,007	0,013	FALSE
0,028	0,305	0,001	0,008	0,041	FALSE
-0,070	0,312	-0,002	0,010	0,061	FALSE
0,112	0,301	0,003	0,008	0,141	FALSE
-0,263	0,280	-0,009	0,011	0,432	FALSE
0,085	0,310	0,005	0,013	0,141	FALSE
-0,004	0,309	0,000	0,010	0,001	FALSE
-0,146	0,297	-0,004	0,007	0,227	FALSE
-0,079	0,289	-0,002	0,007	0,108	FALSE
-0,100	0,299	-0,002	0,008	0,117	FALSE
-0,088	0,307	-0,002	0,007	0,129	FALSE
-0,030	0,300	-0,001	0,008	0,054	FALSE
-0,103	0,303	-0,002	0,008	0,112	FALSE
-0,046	0,301	-0,001	0,009	0,060	FALSE
0,011	0,297	0,001	0,009	0,026	FALSE
0,043	0,308	0,001	0,008	0,052	FALSE
0,055	0,319	0,001	0,007	0,036	FALSE
-0,138	0,295	-0,005	0,009	0,217	FALSE
-0,121	0,302	-0,004	0,009	0,189	FALSE
0,017	0,307	0,001	0,010	0,028	FALSE
-0,126	0,302	-0,004	0,009	0,186	FALSE
0,002	0,296	0,001	0,007	0,026	FALSE
0,131	0,308	0,003	0,007	0,162	FALSE
0,067	0,313	0,001	0,006	0,055	FALSE
-0,139	0,301	-0,005	0,009	0,210	FALSE
-0,078	0,308	-0,004	0,012	0,126	FALSE
-0,003	0,309	0,000	0,008	0,005	FALSE
-0,034	0,308	-0,001	0,007	0,040	FALSE
0,096	0,303	0,003	0,012	0,114	FALSE
0,025	0,315	0,001	0,010	0,032	FALSE
0,004	0,310	0,001	0,006	0,046	FALSE
-0,053	0,310	-0,001	0,007	0,060	FALSE
-0,005	0,317	0,000	0,011	0,009	FALSE
0,064	0,307	0,003	0,012	0,091	FALSE
0,087	0,301	0,004	0,012	0,118	FALSE
-0,008	0,318	-0,001	0,013	0,032	FALSE
-0,022	0,304	-0,001	0,010	0,018	FALSE
-0,090	0,307	-0,002	0,007	0,094	FALSE
0,055	0,308	0,001	0,008	0,033	FALSE
0,014	0,300	0,000	0,007	0,022	FALSE
-0,170	0,295	-0,005	0,010	0,214	FALSE
0,027	0,295	0,001	0,007	0,028	FALSE
0,042	0,313	0,001	0,006	0,085	FALSE
0,017	0,301	0,001	0,011	0,021	FALSE
0,075	0,292	0,003	0,012	0,083	FALSE
0,031	0,315	0,001	0,007	0,056	FALSE

0,085	0,309	0,003	0,010	0,123	FALSE
0,043	0,303	0,001	0,007	0,058	FALSE
0,036	0,302	0,000	0,006	0,001	FALSE
0,030	0,311	0,001	0,008	0,032	FALSE
0,014	0,316	0,001	0,012	0,020	FALSE
0,081	0,312	0,003	0,007	0,142	FALSE
0,120	0,283	0,006	0,013	0,205	FALSE
-0,054	0,317	-0,002	0,011	0,074	FALSE
-0,152	0,290	-0,006	0,012	0,229	FALSE
-0,008	0,304	0,000	0,012	0,007	FALSE
0,005	0,300	0,001	0,012	0,017	FALSE
0,099	0,294	0,003	0,007	0,162	FALSE
0,121	0,293	0,003	0,007	0,178	FALSE
0,091	0,327	0,003	0,009	0,142	FALSE
0,150	0,310	0,003	0,007	0,157	FALSE
0,000	0,310	0,000	0,007	0,010	FALSE
0,001	0,307	-0,001	0,011	0,022	FALSE
-0,093	0,309	-0,003	0,009	0,112	FALSE
-0,160	0,309	-0,007	0,012	0,243	FALSE
0,074	0,319	0,002	0,010	0,064	FALSE
-0,078	0,308	-0,002	0,010	0,079	FALSE
-0,023	0,295	0,000	0,012	0,004	FALSE
0,068	0,300	0,002	0,006	0,130	FALSE
0,017	0,306	0,002	0,012	0,058	FALSE
-0,103	0,299	-0,004	0,010	0,151	FALSE
-0,030	0,303	0,000	0,011	0,002	FALSE
-0,092	0,303	-0,002	0,007	0,112	FALSE
-0,151	0,308	-0,006	0,012	0,201	FALSE
0,049	0,308	0,002	0,009	0,076	FALSE
0,020	0,312	0,001	0,012	0,042	FALSE
0,146	0,280	0,005	0,012	0,165	FALSE
0,144	0,303	0,005	0,012	0,149	FALSE
-0,064	0,302	-0,001	0,007	0,045	FALSE
-0,076	0,310	-0,001	0,007	0,084	FALSE
0,105	0,307	0,005	0,012	0,172	FALSE
-0,024	0,308	0,000	0,009	0,016	FALSE
0,093	0,314	0,003	0,008	0,165	FALSE
-0,078	0,299	-0,003	0,008	0,145	FALSE
-0,068	0,318	-0,002	0,010	0,076	FALSE
-0,066	0,298	-0,002	0,010	0,084	FALSE
0,078	0,310	0,001	0,007	0,079	FALSE
0,060	0,313	0,001	0,008	0,051	FALSE
0,103	0,303	0,003	0,011	0,121	FALSE
-0,107	0,294	-0,003	0,007	0,186	FALSE
-0,116	0,313	-0,003	0,006	0,199	FALSE
0,136	0,291	0,003	0,007	0,187	FALSE
0,095	0,305	0,002	0,007	0,135	FALSE
0,094	0,313	0,005	0,012	0,154	FALSE
-0,029	0,313	-0,001	0,007	0,033	FALSE
-0,056	0,310	-0,002	0,009	0,075	FALSE
-0,060	0,309	-0,002	0,009	0,097	FALSE
-0,128	0,295	-0,006	0,013	0,210	FALSE
0,006	0,308	0,001	0,011	0,020	FALSE

-0,105	0,299	-0,003	0,006	0,161	FALSE
-0,093	0,298	-0,003	0,012	0,110	FALSE
-0,076	0,317	-0,003	0,011	0,113	FALSE
-0,130	0,301	-0,004	0,009	0,184	FALSE
-0,035	0,302	-0,001	0,011	0,033	FALSE
0,034	0,304	0,001	0,006	0,040	FALSE
-0,078	0,318	-0,003	0,012	0,114	FALSE
0,148	0,300	0,005	0,009	0,258	FALSE
-0,035	0,310	-0,001	0,010	0,032	FALSE
-0,193	0,303	-0,004	0,007	0,245	FALSE
0,171	0,299	0,007	0,011	0,279	FALSE
-0,023	0,299	-0,001	0,010	0,039	FALSE
0,176	0,310	0,006	0,010	0,258	FALSE
-0,009	0,308	0,000	0,011	0,014	FALSE
-0,004	0,308	0,001	0,012	0,020	FALSE
-0,040	0,301	0,000	0,008	0,020	FALSE
-0,019	0,301	0,000	0,012	0,004	FALSE
0,070	0,309	0,001	0,007	0,086	FALSE
0,025	0,305	0,000	0,008	0,011	FALSE
0,005	0,311	0,000	0,011	0,004	FALSE
0,108	0,315	0,002	0,007	0,097	FALSE
-0,025	0,304	-0,002	0,012	0,065	FALSE
0,014	0,292	0,002	0,013	0,044	FALSE
-0,062	0,314	-0,001	0,008	0,054	FALSE
-0,012	0,318	0,000	0,007	0,007	FALSE
-0,096	0,295	-0,004	0,009	0,159	FALSE
-0,055	0,300	-0,002	0,009	0,070	FALSE
0,105	0,314	0,002	0,006	0,115	FALSE
0,024	0,312	0,001	0,006	0,040	FALSE
0,022	0,314	0,001	0,007	0,043	FALSE
-0,041	0,294	-0,001	0,010	0,034	FALSE
0,005	0,310	0,000	0,007	0,009	FALSE
-0,014	0,298	0,000	0,007	0,026	FALSE
0,004	0,298	0,000	0,007	0,019	FALSE
0,009	0,314	0,001	0,012	0,028	FALSE
-0,020	0,306	-0,001	0,006	0,054	FALSE
-0,097	0,319	-0,003	0,011	0,113	FALSE
0,047	0,310	0,003	0,012	0,089	FALSE
-0,049	0,326	-0,002	0,011	0,069	FALSE
0,024	0,306	0,001	0,006	0,051	FALSE
0,073	0,305	0,003	0,013	0,098	FALSE
0,013	0,310	0,001	0,010	0,032	FALSE
0,004	0,311	0,000	0,007	0,004	FALSE
-0,094	0,322	-0,002	0,008	0,126	FALSE
0,100	0,305	0,002	0,008	0,112	FALSE
0,111	0,302	0,003	0,009	0,140	FALSE
-0,047	0,314	-0,002	0,011	0,071	FALSE
-0,051	0,313	-0,002	0,007	0,088	FALSE
-0,079	0,313	-0,004	0,012	0,120	FALSE
0,066	0,320	0,002	0,007	0,088	FALSE
-0,125	0,312	-0,003	0,008	0,179	FALSE
-0,130	0,301	-0,003	0,008	0,183	FALSE
-0,021	0,302	-0,001	0,008	0,041	FALSE

0,096	0,310	0,003	0,009	0,140	FALSE
-0,115	0,301	-0,003	0,008	0,149	FALSE
0,043	0,319	0,001	0,008	0,043	FALSE
-0,123	0,299	-0,003	0,008	0,158	FALSE
-0,064	0,298	-0,002	0,012	0,054	FALSE
0,130	0,287	0,003	0,006	0,189	FALSE
0,091	0,302	0,002	0,009	0,060	FALSE
-0,062	0,290	-0,001	0,012	0,038	FALSE
-0,048	0,303	-0,001	0,012	0,034	FALSE
0,079	0,313	0,002	0,009	0,107	FALSE
-0,084	0,310	-0,004	0,010	0,142	FALSE
-0,042	0,297	-0,002	0,011	0,064	FALSE
-0,024	0,281	-0,001	0,011	0,044	FALSE
0,049	0,298	0,001	0,007	0,066	FALSE
-0,045	0,300	-0,002	0,010	0,054	FALSE
0,069	0,310	0,002	0,008	0,072	FALSE
-0,006	0,319	0,000	0,007	0,009	FALSE
-0,058	0,316	-0,001	0,007	0,062	FALSE
-0,066	0,307	-0,002	0,009	0,110	FALSE
0,092	0,303	0,003	0,008	0,139	FALSE
0,085	0,290	0,002	0,008	0,100	FALSE
-0,040	0,311	-0,001	0,007	0,034	FALSE
0,125	0,305	0,005	0,009	0,215	FALSE
-0,052	0,301	-0,001	0,008	0,064	FALSE
0,098	0,299	0,002	0,007	0,115	FALSE
0,024	0,301	0,001	0,007	0,042	FALSE
0,019	0,308	0,000	0,009	0,009	FALSE
0,014	0,312	0,001	0,010	0,020	FALSE
0,028	0,311	0,000	0,008	0,011	FALSE
-0,049	0,300	-0,002	0,010	0,070	FALSE
-0,025	0,303	-0,002	0,011	0,053	FALSE
-0,053	0,305	-0,003	0,010	0,096	FALSE
-0,115	0,313	-0,003	0,007	0,161	FALSE
0,036	0,312	0,001	0,008	0,036	FALSE
-0,148	0,312	-0,004	0,007	0,230	FALSE
-0,157	0,302	-0,004	0,008	0,224	FALSE
-0,201	0,294	-0,008	0,012	0,303	FALSE
-0,096	0,302	-0,004	0,012	0,125	FALSE
-0,066	0,312	-0,002	0,008	0,120	FALSE
0,124	0,291	0,005	0,010	0,188	FALSE
-0,038	0,289	-0,001	0,009	0,027	FALSE
0,018	0,305	0,001	0,010	0,021	FALSE
-0,116	0,306	-0,005	0,012	0,158	FALSE
-0,039	0,305	-0,001	0,009	0,058	FALSE
0,141	0,298	0,005	0,011	0,178	FALSE
0,108	0,314	0,002	0,007	0,122	FALSE
-0,024	0,309	0,000	0,006	0,019	FALSE
0,040	0,310	0,001	0,011	0,048	FALSE
-0,050	0,311	-0,002	0,012	0,060	FALSE
-0,149	0,302	-0,003	0,007	0,170	FALSE
0,119	0,308	0,003	0,009	0,135	FALSE
0,073	0,305	0,003	0,010	0,106	FALSE
-0,071	0,310	-0,002	0,009	0,093	FALSE

-0,067	0,299	-0,002	0,008	0,070	FALSE
0,071	0,312	0,002	0,010	0,072	FALSE
0,044	0,300	0,001	0,009	0,038	FALSE
-0,006	0,316	0,000	0,010	0,018	FALSE
0,045	0,309	0,001	0,010	0,044	FALSE
0,028	0,298	0,001	0,007	0,032	FALSE
0,035	0,312	0,001	0,011	0,041	FALSE
0,021	0,306	0,001	0,009	0,033	FALSE
0,027	0,307	0,001	0,009	0,045	FALSE
-0,067	0,306	-0,002	0,009	0,096	FALSE
-0,029	0,298	-0,001	0,010	0,027	FALSE
-0,053	0,313	-0,002	0,009	0,071	FALSE
0,051	0,310	0,001	0,008	0,070	FALSE
0,040	0,311	0,003	0,012	0,090	FALSE
0,006	0,300	0,000	0,006	0,023	FALSE
-0,003	0,297	0,000	0,006	0,020	FALSE
-0,063	0,311	-0,002	0,008	0,082	FALSE
-0,004	0,314	0,000	0,013	0,009	FALSE
0,113	0,315	0,002	0,006	0,106	FALSE
-0,014	0,304	-0,001	0,009	0,024	FALSE
-0,112	0,306	-0,003	0,008	0,141	FALSE
-0,016	0,311	0,000	0,006	0,029	FALSE
-0,040	0,303	-0,002	0,012	0,055	FALSE
0,009	0,310	0,000	0,007	0,005	FALSE
-0,001	0,304	0,001	0,006	0,044	FALSE
-0,031	0,304	0,000	0,007	0,006	FALSE
0,029	0,304	0,000	0,007	0,019	FALSE
0,007	0,287	0,000	0,005	0,001	FALSE
-0,012	0,328	-0,001	0,013	0,019	FALSE
-0,047	0,307	-0,002	0,012	0,064	FALSE
-0,063	0,296	-0,003	0,012	0,094	FALSE
-0,074	0,301	-0,003	0,012	0,097	FALSE
0,093	0,302	0,003	0,009	0,127	FALSE
0,023	0,321	0,001	0,010	0,022	FALSE
0,006	0,314	0,000	0,010	0,001	FALSE
0,001	0,311	-0,001	0,010	0,021	FALSE
-0,041	0,317	-0,001	0,008	0,058	FALSE
-0,080	0,312	-0,002	0,007	0,110	FALSE
-0,028	0,306	-0,001	0,011	0,032	FALSE
0,125	0,297	0,003	0,007	0,166	FALSE
-0,033	0,308	-0,001	0,010	0,041	FALSE
0,065	0,299	0,003	0,010	0,112	FALSE
-0,028	0,295	-0,001	0,010	0,029	FALSE
-0,064	0,289	-0,003	0,010	0,103	FALSE
-0,044	0,310	-0,001	0,010	0,043	FALSE
0,061	0,298	0,002	0,006	0,107	FALSE
0,044	0,307	0,001	0,006	0,088	FALSE
0,023	0,305	0,001	0,012	0,046	FALSE
0,046	0,291	0,001	0,007	0,080	FALSE
0,127	0,302	0,003	0,008	0,169	FALSE
0,036	0,324	0,001	0,007	0,038	FALSE
0,106	0,316	0,005	0,013	0,158	FALSE
0,081	0,294	0,002	0,009	0,066	FALSE

-0,105	0,294	-0,002	0,008	0,106	FALSE
-0,023	0,311	-0,001	0,010	0,028	FALSE
0,128	0,305	0,003	0,010	0,131	FALSE
-0,079	0,309	-0,002	0,010	0,085	FALSE
-0,151	0,296	-0,006	0,012	0,224	FALSE
0,125	0,293	0,005	0,011	0,183	FALSE
0,075	0,307	0,003	0,011	0,110	FALSE
-0,127	0,320	-0,005	0,012	0,186	FALSE
0,172	0,295	0,006	0,010	0,288	FALSE
0,102	0,297	0,002	0,007	0,109	FALSE
-0,048	0,311	-0,002	0,010	0,069	FALSE
-0,055	0,308	-0,002	0,011	0,050	FALSE
-0,055	0,300	-0,001	0,011	0,042	FALSE
0,011	0,318	0,001	0,009	0,025	FALSE
0,003	0,303	0,000	0,012	0,010	FALSE
0,030	0,301	0,001	0,009	0,038	FALSE
-0,058	0,315	-0,003	0,010	0,108	FALSE
-0,045	0,294	-0,001	0,012	0,036	FALSE
0,090	0,309	0,002	0,008	0,101	FALSE
0,123	0,304	0,004	0,009	0,166	FALSE
-0,067	0,305	-0,001	0,007	0,045	FALSE
-0,005	0,303	0,000	0,009	0,017	FALSE
-0,115	0,308	-0,004	0,011	0,157	FALSE
0,116	0,325	0,004	0,010	0,157	FALSE
-0,077	0,298	-0,001	0,007	0,058	FALSE
-0,040	0,318	-0,002	0,012	0,046	FALSE
-0,063	0,303	-0,002	0,010	0,061	FALSE
0,083	0,303	0,003	0,008	0,137	FALSE
-0,040	0,307	-0,001	0,011	0,017	FALSE
0,023	0,316	0,001	0,008	0,023	FALSE
-0,118	0,310	-0,003	0,007	0,174	FALSE
-0,070	0,298	-0,001	0,009	0,039	FALSE
-0,072	0,304	-0,004	0,012	0,111	FALSE
0,115	0,305	0,005	0,012	0,170	FALSE
0,135	0,291	0,006	0,012	0,206	FALSE
0,122	0,296	0,005	0,012	0,184	FALSE
0,128	0,298	0,005	0,012	0,186	FALSE
0,079	0,308	0,001	0,007	0,057	FALSE
0,118	0,308	0,003	0,009	0,139	FALSE
-0,071	0,314	-0,003	0,010	0,106	FALSE
0,081	0,288	0,002	0,006	0,119	FALSE
0,074	0,316	0,003	0,012	0,110	FALSE
0,040	0,311	0,002	0,012	0,059	FALSE
0,008	0,318	0,001	0,009	0,033	FALSE
-0,096	0,317	-0,003	0,010	0,127	FALSE
-0,081	0,306	-0,003	0,009	0,112	FALSE
-0,042	0,299	-0,001	0,009	0,054	FALSE
-0,071	0,301	-0,002	0,008	0,097	FALSE
0,027	0,307	0,000	0,011	0,010	FALSE
0,004	0,306	0,000	0,010	0,005	FALSE
0,156	0,304	0,005	0,010	0,226	FALSE
-0,013	0,310	-0,001	0,009	0,021	FALSE
0,077	0,312	0,002	0,010	0,084	FALSE

-0,045	0,318	-0,001	0,011	0,032	FALSE
-0,130	0,301	-0,003	0,007	0,164	FALSE
0,023	0,308	0,001	0,009	0,031	FALSE
-0,024	0,307	0,000	0,007	0,001	FALSE
0,042	0,317	0,001	0,010	0,050	FALSE
0,023	0,301	0,001	0,012	0,019	FALSE
0,000	0,312	0,000	0,013	0,004	FALSE
0,017	0,305	0,001	0,008	0,025	FALSE
-0,097	0,309	-0,002	0,007	0,130	FALSE
-0,043	0,304	-0,001	0,007	0,039	FALSE
-0,055	0,311	-0,002	0,011	0,056	FALSE
0,016	0,307	0,000	0,008	0,010	FALSE
0,054	0,305	0,002	0,008	0,074	FALSE
-0,033	0,303	-0,001	0,007	0,038	FALSE
-0,180	0,296	-0,006	0,010	0,247	FALSE
-0,121	0,301	-0,004	0,010	0,161	FALSE
-0,062	0,322	-0,001	0,006	0,082	FALSE
-0,087	0,296	-0,004	0,011	0,133	FALSE
-0,073	0,291	-0,002	0,013	0,052	FALSE
-0,034	0,300	-0,001	0,011	0,045	FALSE
-0,002	0,303	0,000	0,012	0,006	FALSE
0,021	0,311	0,001	0,013	0,023	FALSE
0,020	0,304	0,001	0,012	0,043	FALSE
0,015	0,309	0,001	0,012	0,017	FALSE
-0,049	0,310	-0,002	0,012	0,051	FALSE
0,005	0,313	0,000	0,009	0,007	FALSE
-0,014	0,325	0,000	0,010	0,010	FALSE
-0,120	0,303	-0,005	0,012	0,185	FALSE
-0,063	0,295	-0,002	0,009	0,078	FALSE
0,075	0,315	0,002	0,010	0,082	FALSE
-0,002	0,310	0,000	0,012	0,008	FALSE
-0,114	0,298	-0,003	0,007	0,157	FALSE
-0,091	0,300	-0,003	0,012	0,111	FALSE
-0,052	0,308	-0,002	0,012	0,060	FALSE
0,035	0,325	0,002	0,013	0,068	FALSE
0,019	0,322	0,002	0,013	0,045	FALSE
0,032	0,307	0,001	0,012	0,046	FALSE
0,040	0,309	0,002	0,012	0,066	FALSE
0,023	0,317	0,001	0,012	0,036	FALSE
0,048	0,320	0,002	0,013	0,064	FALSE
0,041	0,308	0,002	0,012	0,070	FALSE
0,026	0,319	0,001	0,012	0,043	FALSE
0,032	0,310	0,002	0,012	0,058	FALSE
0,042	0,297	0,001	0,007	0,042	FALSE
0,103	0,312	0,002	0,007	0,108	FALSE
-0,144	0,307	-0,003	0,006	0,216	FALSE
0,131	0,305	0,004	0,011	0,151	FALSE
0,055	0,317	0,002	0,012	0,070	FALSE
-0,025	0,311	-0,001	0,012	0,037	FALSE
-0,020	0,322	-0,001	0,013	0,025	FALSE
-0,028	0,313	-0,001	0,012	0,042	FALSE
-0,024	0,314	-0,002	0,013	0,051	FALSE
0,033	0,310	0,002	0,012	0,074	FALSE

-0,012	0,310	0,000	0,012	0,014	FALSE
-0,085	0,285	-0,002	0,010	0,088	FALSE
0,021	0,303	0,000	0,008	0,014	FALSE
0,084	0,310	0,002	0,007	0,096	FALSE
-0,117	0,305	-0,003	0,007	0,163	FALSE
0,151	0,307	0,006	0,010	0,235	FALSE
-0,007	0,302	-0,001	0,011	0,033	FALSE
0,022	0,301	0,002	0,012	0,049	FALSE
-0,171	0,307	-0,005	0,010	0,226	FALSE
-0,115	0,306	-0,003	0,008	0,124	FALSE
-0,092	0,308	-0,002	0,007	0,101	FALSE
-0,127	0,306	-0,003	0,009	0,158	FALSE
-0,144	0,305	-0,004	0,010	0,187	FALSE
-0,152	0,315	-0,004	0,009	0,189	FALSE
-0,154	0,294	-0,004	0,009	0,199	FALSE
-0,128	0,300	-0,003	0,008	0,157	FALSE
0,036	0,316	0,001	0,007	0,055	FALSE
0,082	0,307	0,004	0,013	0,126	FALSE
-0,014	0,320	0,000	0,012	0,002	FALSE
0,204	0,283	0,007	0,008	0,375	FALSE
-0,097	0,303	-0,002	0,006	0,135	FALSE
0,011	0,299	0,000	0,008	0,006	FALSE
0,135	0,291	0,005	0,009	0,242	FALSE
-0,121	0,304	-0,004	0,008	0,200	FALSE
-0,010	0,314	0,000	0,013	0,012	FALSE
-0,019	0,312	-0,001	0,013	0,018	FALSE
-0,014	0,321	-0,001	0,012	0,019	FALSE
-0,004	0,324	0,000	0,013	0,007	FALSE
0,003	0,325	0,000	0,013	0,012	FALSE
0,020	0,328	0,001	0,013	0,018	FALSE
0,009	0,323	0,001	0,013	0,015	FALSE
0,001	0,305	0,000	0,012	0,014	FALSE
0,009	0,313	0,000	0,013	0,005	FALSE
0,006	0,312	0,000	0,012	0,006	FALSE
-0,025	0,317	-0,001	0,012	0,038	FALSE
-0,013	0,320	-0,001	0,013	0,018	FALSE
-0,021	0,329	-0,001	0,013	0,016	FALSE
0,027	0,318	0,001	0,012	0,020	FALSE
0,014	0,311	0,001	0,013	0,029	FALSE
0,017	0,313	0,001	0,012	0,019	FALSE
-0,024	0,310	0,000	0,011	0,013	FALSE
0,206	0,309	0,008	0,012	0,308	FALSE
0,038	0,315	0,002	0,012	0,047	FALSE
-0,010	0,309	0,000	0,006	0,015	FALSE
-0,024	0,313	0,000	0,010	0,007	FALSE
0,042	0,298	0,001	0,007	0,059	FALSE
-0,060	0,299	-0,002	0,009	0,078	FALSE
-0,050	0,304	-0,001	0,009	0,057	FALSE
-0,121	0,309	-0,003	0,009	0,152	FALSE
-0,026	0,311	-0,001	0,007	0,029	FALSE
0,010	0,307	0,000	0,007	0,009	FALSE
0,066	0,297	0,003	0,011	0,102	FALSE
0,138	0,295	0,002	0,006	0,161	FALSE

0,047	0,308	0,001	0,007	0,066	FALSE
0,035	0,309	0,001	0,007	0,048	FALSE
0,146	0,308	0,004	0,009	0,211	FALSE
-0,073	0,320	-0,003	0,011	0,100	FALSE
-0,086	0,318	-0,003	0,011	0,100	FALSE
-0,071	0,301	-0,002	0,010	0,090	FALSE
-0,081	0,306	-0,003	0,012	0,107	FALSE
-0,015	0,302	-0,001	0,012	0,020	FALSE
-0,008	0,321	0,000	0,013	0,000	FALSE
0,103	0,302	0,004	0,012	0,129	FALSE
0,117	0,306	0,002	0,006	0,117	FALSE
0,035	0,314	0,001	0,012	0,017	FALSE
-0,047	0,308	-0,001	0,007	0,046	FALSE
-0,012	0,306	0,000	0,006	0,012	FALSE
-0,045	0,310	0,000	0,010	0,006	FALSE
0,091	0,305	0,002	0,007	0,105	FALSE
0,140	0,299	0,003	0,007	0,202	FALSE
0,177	0,284	0,004	0,007	0,276	FALSE
-0,087	0,314	-0,003	0,011	0,119	FALSE
0,030	0,305	0,001	0,012	0,031	FALSE
-0,065	0,321	-0,003	0,012	0,085	FALSE
-0,152	0,298	-0,007	0,013	0,229	FALSE
0,015	0,300	0,001	0,006	0,059	FALSE
0,061	0,304	0,002	0,008	0,087	FALSE
0,039	0,306	0,001	0,006	0,078	FALSE
0,036	0,297	0,001	0,006	0,090	FALSE
0,068	0,302	0,003	0,010	0,122	FALSE
0,033	0,315	0,001	0,009	0,055	FALSE
0,067	0,305	0,002	0,009	0,088	FALSE
0,055	0,322	0,002	0,009	0,080	FALSE
0,050	0,313	0,003	0,010	0,099	FALSE
0,048	0,308	0,002	0,008	0,072	FALSE
0,021	0,300	0,001	0,006	0,073	FALSE
-0,098	0,304	-0,004	0,012	0,125	FALSE
-0,142	0,296	-0,004	0,008	0,216	FALSE
-0,098	0,313	-0,004	0,013	0,115	FALSE
-0,103	0,307	-0,002	0,007	0,114	FALSE
0,041	0,299	0,001	0,009	0,024	FALSE
0,040	0,326	0,002	0,013	0,045	FALSE
-0,011	0,311	-0,001	0,012	0,019	FALSE
-0,019	0,312	-0,001	0,007	0,041	FALSE
0,015	0,306	0,000	0,007	0,002	FALSE
-0,078	0,311	-0,003	0,012	0,076	FALSE
0,037	0,314	0,001	0,008	0,046	FALSE
-0,001	0,315	0,000	0,008	0,021	FALSE
-0,041	0,317	-0,002	0,013	0,061	FALSE
0,100	0,306	0,004	0,011	0,156	FALSE
-0,123	0,289	-0,004	0,008	0,221	FALSE
-0,047	0,303	-0,001	0,009	0,023	FALSE
-0,009	0,317	-0,002	0,011	0,050	FALSE
-0,094	0,303	-0,005	0,012	0,164	FALSE
-0,036	0,311	-0,002	0,010	0,068	FALSE
-0,027	0,306	0,000	0,010	0,007	FALSE

-0,014	0,309	0,000	0,012	0,002	FALSE
-0,051	0,312	-0,001	0,006	0,082	FALSE
-0,030	0,311	-0,001	0,009	0,028	FALSE
-0,079	0,296	-0,002	0,007	0,113	FALSE
-0,090	0,301	-0,002	0,006	0,137	FALSE
0,021	0,316	0,000	0,009	0,007	FALSE
0,090	0,297	0,004	0,010	0,174	FALSE
0,049	0,320	0,003	0,012	0,084	FALSE
0,036	0,314	0,000	0,008	0,018	FALSE
-0,095	0,320	-0,004	0,012	0,131	FALSE
0,055	0,296	0,002	0,012	0,068	FALSE
0,148	0,297	0,005	0,009	0,258	FALSE
-0,039	0,292	-0,001	0,007	0,069	FALSE
0,020	0,318	0,000	0,008	0,011	FALSE
-0,002	0,322	0,000	0,011	0,014	FALSE
0,016	0,323	0,001	0,010	0,023	FALSE
-0,003	0,300	-0,001	0,012	0,017	FALSE
-0,036	0,311	-0,001	0,006	0,049	FALSE
-0,084	0,306	-0,002	0,009	0,092	FALSE
-0,078	0,315	-0,002	0,008	0,084	FALSE
-0,072	0,317	-0,002	0,009	0,070	FALSE
-0,081	0,300	-0,002	0,009	0,091	FALSE
-0,076	0,308	-0,002	0,009	0,078	FALSE
-0,077	0,305	-0,002	0,008	0,080	FALSE
-0,072	0,307	-0,002	0,009	0,079	FALSE
-0,093	0,304	-0,002	0,009	0,092	FALSE
-0,011	0,299	-0,001	0,012	0,018	FALSE
-0,054	0,316	-0,002	0,010	0,079	FALSE
-0,039	0,301	-0,001	0,008	0,037	FALSE
-0,056	0,313	-0,001	0,010	0,056	FALSE
0,009	0,311	0,000	0,010	0,015	FALSE
0,015	0,308	0,000	0,010	0,005	FALSE
-0,018	0,314	0,000	0,011	0,016	FALSE
0,004	0,305	0,000	0,010	0,004	FALSE
0,006	0,313	0,000	0,013	0,013	FALSE
0,030	0,311	0,001	0,013	0,038	FALSE
0,070	0,318	0,002	0,013	0,072	FALSE
0,047	0,318	0,001	0,013	0,038	FALSE
-0,073	0,311	-0,002	0,010	0,084	FALSE
-0,071	0,297	-0,003	0,012	0,092	FALSE
-0,032	0,308	0,000	0,009	0,020	FALSE
-0,115	0,304	-0,003	0,007	0,140	FALSE
-0,019	0,302	0,000	0,009	0,006	FALSE
0,011	0,306	0,001	0,009	0,035	FALSE
-0,008	0,304	0,000	0,009	0,011	FALSE
-0,016	0,306	0,000	0,009	0,012	FALSE
-0,009	0,303	0,000	0,009	0,011	FALSE
0,006	0,307	0,001	0,009	0,024	FALSE
0,006	0,320	0,000	0,009	0,010	FALSE
-0,099	0,305	-0,002	0,006	0,114	FALSE
0,051	0,301	0,003	0,012	0,095	FALSE
-0,161	0,301	-0,005	0,008	0,255	FALSE
0,086	0,306	0,002	0,011	0,068	FALSE

0,052	0,299	0,001	0,009	0,023	FALSE
0,065	0,313	0,001	0,006	0,071	FALSE
-0,140	0,298	-0,004	0,007	0,213	FALSE
-0,127	0,320	-0,003	0,007	0,165	FALSE
-0,008	0,311	0,001	0,012	0,016	FALSE
-0,008	0,324	0,000	0,013	0,004	FALSE
-0,018	0,311	-0,001	0,008	0,029	FALSE
0,001	0,304	0,000	0,008	0,008	FALSE
-0,015	0,304	0,000	0,007	0,015	FALSE
-0,067	0,312	-0,001	0,013	0,034	FALSE
-0,048	0,308	-0,001	0,007	0,067	FALSE
0,085	0,307	0,002	0,013	0,059	FALSE
-0,011	0,307	-0,001	0,007	0,029	FALSE
-0,030	0,311	-0,001	0,007	0,035	FALSE
-0,048	0,319	-0,001	0,007	0,054	FALSE
-0,014	0,312	0,000	0,013	0,012	FALSE
-0,132	0,313	-0,004	0,011	0,153	FALSE
-0,166	0,303	-0,006	0,011	0,227	FALSE
0,074	0,300	0,002	0,007	0,081	FALSE
-0,106	0,320	-0,003	0,009	0,136	FALSE
-0,150	0,301	-0,004	0,009	0,175	FALSE
0,043	0,305	0,001	0,007	0,067	FALSE
-0,107	0,312	-0,004	0,011	0,155	FALSE
-0,030	0,312	-0,001	0,010	0,035	FALSE
0,066	0,300	0,003	0,012	0,093	FALSE
0,021	0,312	0,001	0,010	0,026	FALSE
-0,096	0,305	-0,003	0,007	0,151	FALSE
-0,175	0,302	-0,003	0,006	0,226	FALSE
0,106	0,298	0,003	0,007	0,165	FALSE
0,068	0,300	0,002	0,009	0,078	FALSE
0,024	0,310	0,001	0,013	0,024	FALSE
0,048	0,318	0,001	0,008	0,065	FALSE
-0,081	0,301	-0,002	0,008	0,091	FALSE
-0,055	0,324	-0,001	0,008	0,061	FALSE
-0,033	0,311	-0,002	0,012	0,051	FALSE
-0,116	0,315	-0,004	0,009	0,152	FALSE
0,021	0,306	0,001	0,008	0,027	FALSE
0,005	0,311	-0,001	0,007	0,040	FALSE
0,015	0,301	0,000	0,009	0,018	FALSE
0,052	0,292	0,002	0,009	0,070	FALSE
-0,037	0,308	-0,003	0,012	0,083	FALSE
0,022	0,315	0,001	0,012	0,038	FALSE
0,088	0,289	0,005	0,012	0,166	FALSE
0,057	0,306	0,001	0,008	0,065	FALSE
-0,028	0,313	0,000	0,013	0,009	FALSE
-0,086	0,298	-0,002	0,011	0,086	FALSE
0,099	0,314	0,003	0,013	0,101	FALSE
0,080	0,293	0,002	0,011	0,064	FALSE
0,017	0,308	0,001	0,007	0,043	FALSE
-0,022	0,317	0,000	0,009	0,003	FALSE
-0,023	0,303	-0,001	0,008	0,062	FALSE
0,063	0,298	0,002	0,009	0,071	FALSE
-0,023	0,322	0,000	0,011	0,016	FALSE

-0,005	0,317	-0,001	0,008	0,030	FALSE
-0,125	0,307	-0,003	0,008	0,136	FALSE
-0,086	0,309	-0,004	0,012	0,118	FALSE
0,144	0,301	0,006	0,010	0,261	FALSE
-0,024	0,306	0,000	0,011	0,012	FALSE
0,094	0,297	0,002	0,008	0,098	FALSE
-0,006	0,314	0,000	0,011	0,008	FALSE
0,011	0,308	0,000	0,007	0,018	FALSE
0,043	0,310	0,002	0,010	0,058	FALSE
-0,103	0,306	-0,003	0,009	0,142	FALSE
-0,120	0,305	-0,004	0,009	0,163	FALSE
0,115	0,310	0,005	0,012	0,156	FALSE
-0,142	0,308	-0,004	0,009	0,201	FALSE
-0,014	0,307	0,000	0,010	0,002	FALSE
-0,041	0,301	-0,001	0,007	0,060	FALSE
-0,032	0,307	-0,001	0,008	0,051	FALSE
-0,029	0,312	-0,001	0,008	0,024	FALSE
0,009	0,308	0,001	0,009	0,026	FALSE
0,018	0,316	0,001	0,009	0,039	FALSE
-0,009	0,317	-0,001	0,012	0,036	FALSE
0,117	0,303	0,002	0,008	0,115	FALSE
-0,009	0,318	0,000	0,013	0,001	FALSE
-0,040	0,312	-0,001	0,013	0,038	FALSE
-0,017	0,303	0,000	0,012	0,009	FALSE
0,019	0,314	0,000	0,011	0,004	FALSE
0,014	0,303	0,000	0,009	0,020	FALSE
0,243	0,290	0,007	0,008	0,417	FALSE
-0,091	0,312	-0,002	0,006	0,110	FALSE
-0,166	0,295	-0,007	0,011	0,266	FALSE
0,015	0,310	0,000	0,008	0,005	FALSE
0,002	0,312	-0,001	0,008	0,028	FALSE
-0,075	0,300	-0,001	0,007	0,067	FALSE
0,056	0,304	0,002	0,012	0,071	FALSE
-0,034	0,304	-0,003	0,012	0,095	FALSE
-0,034	0,301	-0,003	0,013	0,084	FALSE
-0,009	0,311	-0,002	0,013	0,056	FALSE
-0,111	0,292	-0,005	0,012	0,172	FALSE
-0,099	0,304	-0,002	0,007	0,114	FALSE
-0,048	0,313	-0,001	0,008	0,062	FALSE
-0,002	0,324	0,000	0,008	0,014	FALSE
0,118	0,308	0,003	0,007	0,137	FALSE
0,028	0,307	0,001	0,012	0,032	FALSE
0,037	0,318	0,002	0,013	0,047	FALSE
-0,042	0,303	-0,001	0,010	0,045	FALSE
0,091	0,308	0,002	0,008	0,096	FALSE
-0,283	0,300	-0,007	0,008	0,434	FALSE
0,051	0,306	0,001	0,008	0,060	FALSE
-0,250	0,286	-0,011	0,012	0,443	TRUE
-0,198	0,307	-0,008	0,013	0,282	FALSE
-0,143	0,309	-0,004	0,008	0,194	FALSE
-0,106	0,307	-0,004	0,012	0,123	FALSE
0,029	0,311	0,000	0,008	0,011	FALSE
0,051	0,317	0,001	0,008	0,041	FALSE

-0,003	0,327	0,000	0,009	0,006	FALSE
-0,119	0,312	-0,002	0,006	0,167	FALSE
0,116	0,297	0,002	0,007	0,098	FALSE
0,067	0,304	0,002	0,009	0,085	FALSE
0,111	0,302	0,003	0,009	0,132	FALSE
0,032	0,304	0,001	0,009	0,038	FALSE
-0,018	0,318	-0,001	0,006	0,036	FALSE
-0,153	0,300	-0,004	0,008	0,208	FALSE
-0,137	0,298	-0,003	0,007	0,193	FALSE
-0,027	0,306	-0,001	0,012	0,028	FALSE
0,010	0,299	0,001	0,011	0,032	FALSE
0,005	0,312	0,000	0,008	0,005	FALSE
0,020	0,310	0,000	0,008	0,020	FALSE
0,005	0,314	0,000	0,006	0,011	FALSE
-0,108	0,301	-0,003	0,008	0,154	FALSE
0,108	0,298	0,002	0,006	0,161	FALSE
0,032	0,309	0,001	0,010	0,039	FALSE
-0,043	0,298	-0,002	0,011	0,066	FALSE
0,018	0,319	0,001	0,009	0,031	FALSE
0,039	0,318	0,001	0,010	0,021	FALSE
0,032	0,321	0,000	0,009	0,005	FALSE
0,013	0,318	0,000	0,010	0,001	FALSE
-0,059	0,312	-0,002	0,010	0,080	FALSE
0,019	0,313	0,000	0,008	0,008	FALSE
-0,034	0,304	-0,003	0,012	0,080	FALSE
-0,029	0,297	-0,002	0,011	0,079	FALSE
-0,036	0,299	-0,003	0,012	0,092	FALSE
0,171	0,310	0,006	0,011	0,236	FALSE
-0,094	0,291	-0,004	0,011	0,136	FALSE
0,220	0,299	0,008	0,011	0,365	FALSE
-0,060	0,315	-0,002	0,010	0,076	FALSE
-0,013	0,304	-0,001	0,012	0,019	FALSE
-0,023	0,299	-0,002	0,012	0,053	FALSE
0,085	0,320	0,001	0,006	0,085	FALSE
0,071	0,300	0,003	0,010	0,101	FALSE
0,017	0,308	0,001	0,007	0,040	FALSE
-0,122	0,305	-0,005	0,012	0,168	FALSE
-0,096	0,317	-0,004	0,013	0,121	FALSE
-0,082	0,305	-0,003	0,011	0,098	FALSE
-0,097	0,296	-0,003	0,007	0,145	FALSE
-0,072	0,314	-0,003	0,013	0,102	FALSE
-0,035	0,317	0,000	0,007	0,023	FALSE
0,011	0,316	0,001	0,013	0,039	FALSE
-0,065	0,295	-0,002	0,007	0,100	FALSE
0,060	0,317	0,002	0,008	0,075	FALSE
-0,091	0,316	-0,003	0,008	0,129	FALSE
0,135	0,307	0,005	0,010	0,202	FALSE
0,028	0,308	0,001	0,012	0,029	FALSE
0,058	0,311	0,002	0,012	0,070	FALSE
0,019	0,301	0,001	0,006	0,040	FALSE
-0,018	0,310	0,000	0,006	0,002	FALSE
0,185	0,296	0,005	0,008	0,247	FALSE
0,032	0,299	0,001	0,008	0,053	FALSE

-0,025	0,313	0,000	0,006	0,016	FALSE
-0,046	0,311	-0,001	0,007	0,040	FALSE
0,116	0,313	0,002	0,007	0,121	FALSE
0,083	0,299	0,002	0,008	0,117	FALSE
-0,012	0,294	0,000	0,006	0,007	FALSE
0,155	0,301	0,004	0,008	0,224	FALSE
0,049	0,308	0,001	0,012	0,032	FALSE
0,071	0,299	0,001	0,006	0,060	FALSE
0,060	0,290	0,001	0,006	0,071	FALSE
-0,098	0,299	-0,004	0,012	0,137	FALSE
-0,062	0,293	-0,003	0,012	0,083	FALSE
0,067	0,307	0,003	0,010	0,099	FALSE
0,070	0,308	0,003	0,009	0,127	FALSE
-0,109	0,312	-0,003	0,009	0,145	FALSE
-0,014	0,304	0,000	0,008	0,019	FALSE
-0,056	0,302	-0,001	0,007	0,067	FALSE
-0,092	0,301	-0,003	0,009	0,121	FALSE
-0,045	0,312	-0,001	0,012	0,029	FALSE
0,091	0,303	0,002	0,007	0,117	FALSE
0,014	0,311	0,000	0,010	0,000	FALSE
-0,042	0,306	0,000	0,011	0,015	FALSE
-0,079	0,326	-0,003	0,012	0,097	FALSE
-0,079	0,315	-0,002	0,009	0,085	FALSE
-0,016	0,306	0,000	0,007	0,004	FALSE
0,020	0,314	0,001	0,012	0,027	FALSE
-0,016	0,298	0,000	0,009	0,001	FALSE
-0,129	0,310	-0,005	0,012	0,174	FALSE
-0,117	0,295	-0,004	0,009	0,169	FALSE
0,009	0,309	0,000	0,006	0,000	FALSE
-0,052	0,305	-0,002	0,008	0,093	FALSE
-0,106	0,310	-0,002	0,006	0,099	FALSE
-0,003	0,311	0,000	0,009	0,010	FALSE
-0,146	0,304	-0,005	0,011	0,184	FALSE
0,015	0,310	0,000	0,007	0,022	FALSE
0,024	0,319	0,000	0,010	0,000	FALSE
-0,012	0,310	0,000	0,011	0,006	FALSE
0,018	0,306	0,001	0,010	0,033	FALSE
0,078	0,309	0,002	0,010	0,086	FALSE
-0,071	0,298	-0,002	0,008	0,102	FALSE
-0,052	0,304	-0,001	0,007	0,036	FALSE
0,133	0,295	0,006	0,012	0,198	FALSE
0,001	0,303	0,000	0,008	0,019	FALSE
-0,005	0,313	0,000	0,011	0,003	FALSE
0,005	0,302	-0,001	0,010	0,018	FALSE
0,059	0,315	0,001	0,008	0,066	FALSE
0,011	0,326	-0,001	0,011	0,018	FALSE
0,116	0,315	0,003	0,011	0,122	FALSE
0,125	0,307	0,004	0,011	0,157	FALSE
-0,139	0,291	-0,006	0,012	0,198	FALSE
0,130	0,301	0,005	0,012	0,188	FALSE
-0,016	0,309	-0,001	0,008	0,023	FALSE
-0,040	0,299	-0,001	0,008	0,065	FALSE
-0,100	0,289	-0,004	0,010	0,153	FALSE

-0,083	0,307	-0,003	0,008	0,125	FALSE
-0,012	0,306	0,000	0,006	0,002	FALSE
-0,070	0,302	-0,001	0,007	0,074	FALSE
-0,075	0,298	-0,002	0,007	0,091	FALSE
-0,016	0,299	-0,001	0,008	0,026	FALSE
0,022	0,308	0,001	0,007	0,033	FALSE
-0,009	0,322	-0,001	0,010	0,021	FALSE
-0,094	0,324	-0,004	0,013	0,103	FALSE
0,058	0,311	0,001	0,010	0,049	FALSE
0,055	0,315	0,001	0,007	0,054	FALSE
0,041	0,289	0,002	0,012	0,068	FALSE
-0,107	0,313	-0,004	0,010	0,137	FALSE
0,069	0,306	0,002	0,010	0,096	FALSE
-0,084	0,295	-0,005	0,013	0,141	FALSE
-0,037	0,308	-0,001	0,009	0,047	FALSE
-0,033	0,302	-0,001	0,012	0,034	FALSE
0,056	0,302	0,002	0,008	0,110	FALSE
0,046	0,301	0,002	0,012	0,048	FALSE
-0,068	0,295	-0,002	0,011	0,081	FALSE
0,036	0,327	0,001	0,012	0,026	FALSE
0,075	0,299	0,002	0,012	0,064	FALSE
-0,118	0,309	-0,003	0,007	0,161	FALSE
0,102	0,304	0,004	0,012	0,133	FALSE
-0,002	0,306	0,000	0,012	0,003	FALSE
-0,011	0,324	0,000	0,010	0,001	FALSE
-0,035	0,316	-0,001	0,009	0,044	FALSE
0,044	0,314	0,001	0,011	0,045	FALSE
0,050	0,308	0,001	0,010	0,048	FALSE
-0,015	0,308	0,000	0,008	0,003	FALSE
-0,034	0,293	-0,001	0,008	0,062	FALSE
-0,066	0,303	-0,002	0,007	0,096	FALSE
-0,037	0,296	-0,001	0,007	0,044	FALSE
-0,086	0,312	-0,001	0,007	0,084	FALSE
-0,073	0,302	-0,001	0,006	0,074	FALSE
-0,073	0,304	-0,002	0,007	0,104	FALSE
0,095	0,301	0,003	0,007	0,133	FALSE
0,029	0,300	0,001	0,010	0,018	FALSE
-0,084	0,296	-0,002	0,007	0,111	FALSE
0,012	0,324	0,001	0,010	0,022	FALSE
0,062	0,307	0,001	0,006	0,043	FALSE
-0,035	0,309	-0,001	0,006	0,043	FALSE
-0,010	0,318	0,000	0,012	0,007	FALSE
-0,111	0,312	-0,004	0,009	0,148	FALSE
-0,102	0,306	-0,003	0,009	0,120	FALSE
0,025	0,306	0,001	0,011	0,045	FALSE
0,014	0,315	0,000	0,009	0,002	FALSE
-0,089	0,320	-0,002	0,008	0,091	FALSE
-0,074	0,296	-0,002	0,007	0,094	FALSE
0,178	0,297	0,006	0,009	0,295	FALSE
-0,009	0,307	-0,001	0,006	0,042	FALSE
0,094	0,294	0,002	0,008	0,109	FALSE
0,074	0,288	0,001	0,008	0,048	FALSE
0,050	0,308	0,001	0,006	0,061	FALSE

0,077	0,314	0,002	0,008	0,076	FALSE
0,140	0,304	0,004	0,008	0,188	FALSE
0,042	0,321	0,003	0,012	0,082	FALSE
0,070	0,307	0,004	0,012	0,138	FALSE
-0,127	0,320	-0,005	0,012	0,161	FALSE
-0,123	0,322	-0,004	0,013	0,128	FALSE
-0,169	0,308	-0,006	0,011	0,219	FALSE
-0,185	0,301	-0,006	0,011	0,253	FALSE
0,099	0,317	0,004	0,011	0,124	FALSE
0,143	0,301	0,003	0,006	0,226	FALSE
0,033	0,313	0,001	0,007	0,066	FALSE
-0,138	0,304	-0,005	0,011	0,206	FALSE
0,117	0,311	0,003	0,007	0,168	FALSE
0,058	0,302	0,002	0,011	0,069	FALSE
-0,027	0,309	0,000	0,006	0,022	FALSE
-0,041	0,319	-0,001	0,006	0,036	FALSE
-0,079	0,308	-0,002	0,011	0,083	FALSE
0,051	0,307	0,000	0,007	0,025	FALSE
0,064	0,312	0,001	0,010	0,052	FALSE
0,011	0,316	0,000	0,007	0,022	FALSE
0,085	0,312	0,003	0,009	0,109	FALSE
0,110	0,309	0,003	0,007	0,148	FALSE
0,048	0,323	0,002	0,011	0,056	FALSE
-0,048	0,311	-0,001	0,009	0,055	FALSE
0,121	0,304	0,005	0,010	0,195	FALSE
0,085	0,307	0,003	0,010	0,137	FALSE
0,001	0,304	0,000	0,006	0,001	FALSE
0,073	0,303	0,002	0,008	0,090	FALSE
-0,141	0,298	-0,003	0,007	0,188	FALSE
-0,111	0,315	-0,003	0,008	0,177	FALSE
-0,059	0,301	-0,001	0,009	0,046	FALSE
-0,068	0,283	-0,002	0,009	0,063	FALSE
-0,112	0,297	-0,003	0,008	0,133	FALSE
0,010	0,309	0,000	0,006	0,020	FALSE
0,065	0,307	0,002	0,009	0,095	FALSE
0,036	0,304	0,001	0,010	0,042	FALSE
-0,130	0,309	-0,005	0,012	0,168	FALSE
-0,204	0,307	-0,006	0,010	0,286	FALSE
0,045	0,302	0,001	0,007	0,040	FALSE
0,022	0,320	0,001	0,007	0,025	FALSE
0,096	0,300	0,002	0,006	0,109	FALSE
0,040	0,310	0,001	0,006	0,048	FALSE
-0,133	0,316	-0,003	0,007	0,157	FALSE
0,068	0,302	0,002	0,010	0,064	FALSE
-0,055	0,304	-0,001	0,008	0,056	FALSE
-0,068	0,311	-0,002	0,008	0,074	FALSE
0,045	0,303	0,003	0,013	0,080	FALSE
0,114	0,304	0,002	0,007	0,124	FALSE
0,096	0,284	0,004	0,010	0,184	FALSE
-0,030	0,292	-0,001	0,006	0,043	FALSE
-0,059	0,286	-0,002	0,008	0,090	FALSE
0,092	0,309	0,002	0,007	0,105	FALSE
-0,016	0,313	0,000	0,008	0,020	FALSE

0,025	0,303	0,001	0,008	0,041	FALSE
-0,012	0,309	-0,001	0,008	0,023	FALSE
0,026	0,305	0,000	0,011	0,006	FALSE
0,035	0,307	0,001	0,011	0,044	FALSE
-0,022	0,305	0,000	0,007	0,005	FALSE
-0,081	0,295	-0,002	0,008	0,122	FALSE
-0,006	0,303	0,000	0,007	0,011	FALSE
-0,042	0,301	-0,001	0,007	0,061	FALSE
0,039	0,300	0,001	0,010	0,052	FALSE
-0,028	0,299	-0,001	0,007	0,049	FALSE
0,021	0,308	0,000	0,012	0,007	FALSE
-0,007	0,301	0,001	0,009	0,027	FALSE
-0,045	0,297	-0,002	0,008	0,077	FALSE
-0,012	0,299	0,000	0,008	0,007	FALSE
0,055	0,303	0,001	0,010	0,048	FALSE
0,005	0,299	0,000	0,007	0,018	FALSE
-0,109	0,309	-0,004	0,011	0,131	FALSE
-0,132	0,300	-0,004	0,008	0,174	FALSE
-0,027	0,313	0,000	0,013	0,008	FALSE
0,003	0,296	0,001	0,009	0,033	FALSE
0,025	0,307	0,000	0,007	0,026	FALSE
0,017	0,325	0,000	0,010	0,007	FALSE
0,027	0,291	0,001	0,006	0,042	FALSE
-0,025	0,309	-0,001	0,006	0,031	FALSE
0,011	0,290	0,001	0,008	0,037	FALSE
-0,091	0,317	-0,002	0,007	0,122	FALSE
0,004	0,300	0,001	0,008	0,038	FALSE
0,028	0,309	0,001	0,010	0,042	FALSE
-0,018	0,308	-0,001	0,008	0,040	FALSE
-0,107	0,319	-0,003	0,008	0,118	FALSE
-0,005	0,304	0,000	0,008	0,001	FALSE
-0,066	0,309	-0,002	0,006	0,117	FALSE
0,033	0,316	0,002	0,007	0,086	FALSE
0,032	0,308	0,001	0,007	0,036	FALSE
-0,136	0,292	-0,004	0,012	0,142	FALSE
-0,012	0,312	0,000	0,011	0,002	FALSE
0,150	0,302	0,005	0,010	0,209	FALSE
-0,136	0,305	-0,004	0,009	0,177	FALSE
0,069	0,301	0,002	0,010	0,079	FALSE
0,121	0,292	0,007	0,012	0,233	FALSE
0,097	0,294	0,003	0,010	0,137	FALSE
0,077	0,313	0,001	0,007	0,079	FALSE
0,163	0,291	0,005	0,007	0,293	FALSE
-0,120	0,306	-0,003	0,006	0,162	FALSE
0,179	0,293	0,004	0,006	0,307	FALSE
-0,032	0,311	-0,001	0,011	0,035	FALSE
0,023	0,309	0,001	0,011	0,039	FALSE
-0,071	0,314	-0,003	0,011	0,124	FALSE
0,015	0,323	0,000	0,006	0,001	FALSE
0,052	0,318	0,002	0,012	0,065	FALSE
-0,065	0,313	-0,003	0,012	0,080	FALSE
-0,146	0,296	-0,004	0,010	0,182	FALSE
-0,127	0,300	-0,004	0,011	0,146	FALSE

-0,035	0,306	-0,001	0,007	0,046	FALSE
0,084	0,297	0,002	0,008	0,084	FALSE
-0,090	0,307	-0,002	0,009	0,087	FALSE
0,024	0,295	0,001	0,007	0,048	FALSE
0,127	0,291	0,006	0,012	0,218	FALSE
0,056	0,310	0,002	0,010	0,066	FALSE
-0,048	0,305	-0,001	0,008	0,046	FALSE
0,021	0,306	0,001	0,012	0,030	FALSE
-0,067	0,302	-0,001	0,006	0,068	FALSE
0,071	0,307	0,002	0,007	0,096	FALSE
0,059	0,303	0,002	0,012	0,051	FALSE
0,053	0,297	0,001	0,008	0,052	FALSE
-0,052	0,304	-0,001	0,006	0,051	FALSE
-0,039	0,312	-0,002	0,007	0,094	FALSE
0,049	0,300	0,003	0,012	0,109	FALSE
0,000	0,306	-0,001	0,008	0,037	FALSE
0,085	0,299	0,004	0,009	0,161	FALSE
0,005	0,315	0,000	0,007	0,015	FALSE
-0,017	0,284	-0,001	0,010	0,055	FALSE
0,033	0,316	0,001	0,008	0,025	FALSE
0,014	0,306	0,001	0,009	0,023	FALSE
0,062	0,296	0,001	0,007	0,069	FALSE
-0,047	0,281	-0,001	0,006	0,082	FALSE
-0,035	0,293	-0,001	0,007	0,077	FALSE
0,239	0,291	0,006	0,007	0,428	FALSE
-0,029	0,306	0,000	0,006	0,024	FALSE
-0,038	0,318	-0,001	0,007	0,028	FALSE
-0,016	0,315	-0,001	0,011	0,025	FALSE
-0,041	0,298	-0,001	0,011	0,035	FALSE
0,002	0,313	-0,001	0,011	0,018	FALSE
-0,044	0,303	-0,002	0,009	0,085	FALSE
0,011	0,297	0,002	0,011	0,058	FALSE
-0,004	0,292	0,001	0,010	0,027	FALSE
0,032	0,302	0,002	0,012	0,067	FALSE
-0,103	0,310	-0,005	0,013	0,173	FALSE
-0,005	0,305	0,000	0,006	0,006	FALSE
0,066	0,320	0,001	0,007	0,077	FALSE
-0,150	0,293	-0,004	0,008	0,225	FALSE
0,009	0,309	0,000	0,007	0,022	FALSE
-0,110	0,304	-0,004	0,010	0,153	FALSE
0,057	0,329	0,001	0,013	0,034	FALSE
-0,048	0,309	-0,001	0,012	0,028	FALSE
0,066	0,299	0,001	0,007	0,066	FALSE
-0,027	0,307	0,000	0,006	0,013	FALSE
-0,093	0,303	-0,002	0,012	0,067	FALSE
-0,096	0,314	-0,002	0,009	0,106	FALSE
-0,068	0,305	-0,002	0,008	0,075	FALSE
0,015	0,305	0,001	0,011	0,027	FALSE
-0,030	0,309	0,000	0,006	0,024	FALSE
0,044	0,304	0,002	0,012	0,058	FALSE
-0,009	0,312	-0,001	0,008	0,036	FALSE
-0,067	0,317	-0,003	0,013	0,083	FALSE
-0,138	0,293	-0,004	0,008	0,204	FALSE

0,012	0,304	0,002	0,010	0,061	FALSE
0,062	0,294	0,003	0,012	0,101	FALSE
0,052	0,299	0,003	0,012	0,078	FALSE
-0,111	0,300	-0,004	0,010	0,159	FALSE
-0,003	0,323	0,000	0,011	0,001	FALSE
0,015	0,316	0,001	0,007	0,027	FALSE
0,021	0,300	0,001	0,012	0,042	FALSE
0,116	0,306	0,003	0,010	0,117	FALSE
-0,021	0,323	-0,001	0,009	0,022	FALSE
-0,056	0,321	-0,002	0,013	0,068	FALSE
-0,035	0,303	-0,001	0,006	0,038	FALSE
-0,037	0,308	-0,001	0,009	0,055	FALSE
0,057	0,300	0,002	0,009	0,104	FALSE
0,024	0,300	0,001	0,012	0,015	FALSE
-0,030	0,311	-0,001	0,012	0,044	FALSE
0,075	0,292	0,003	0,007	0,157	FALSE
0,104	0,314	0,002	0,009	0,102	FALSE
0,077	0,313	0,003	0,013	0,097	FALSE
-0,110	0,306	-0,003	0,008	0,140	FALSE
0,027	0,320	0,001	0,011	0,031	FALSE
0,001	0,319	0,000	0,013	0,002	FALSE
-0,073	0,307	-0,002	0,007	0,096	FALSE
-0,062	0,322	-0,002	0,008	0,076	FALSE
0,021	0,313	0,001	0,007	0,036	FALSE
-0,010	0,301	0,000	0,007	0,006	FALSE
-0,061	0,313	-0,002	0,007	0,081	FALSE
0,015	0,316	0,000	0,008	0,012	FALSE
0,019	0,307	0,000	0,008	0,000	FALSE
0,085	0,313	0,002	0,010	0,070	FALSE
0,024	0,293	0,001	0,012	0,030	FALSE
0,025	0,315	0,001	0,008	0,038	FALSE
0,060	0,305	0,002	0,009	0,091	FALSE
0,085	0,318	0,003	0,010	0,100	FALSE
0,152	0,286	0,006	0,012	0,239	FALSE
-0,028	0,298	0,000	0,006	0,021	FALSE
0,058	0,298	0,002	0,008	0,087	FALSE
0,124	0,306	0,006	0,012	0,194	FALSE
0,074	0,295	0,002	0,007	0,128	FALSE
0,027	0,323	0,001	0,012	0,020	FALSE
0,050	0,302	0,001	0,012	0,040	FALSE
0,132	0,303	0,004	0,008	0,184	FALSE
0,086	0,298	0,002	0,006	0,134	FALSE
0,201	0,283	0,008	0,010	0,347	FALSE
0,188	0,287	0,008	0,012	0,296	FALSE
0,073	0,299	0,002	0,007	0,101	FALSE
0,018	0,308	0,000	0,007	0,014	FALSE
0,021	0,323	0,000	0,008	0,003	FALSE
0,020	0,316	0,000	0,007	0,025	FALSE
0,137	0,305	0,005	0,010	0,206	FALSE
0,092	0,302	0,004	0,011	0,143	FALSE
0,125	0,303	0,005	0,011	0,182	FALSE
0,134	0,299	0,005	0,012	0,162	FALSE
-0,059	0,309	-0,001	0,012	0,039	FALSE

-0,116	0,297	-0,003	0,008	0,153	FALSE
-0,050	0,313	-0,002	0,007	0,103	FALSE
-0,155	0,307	-0,007	0,013	0,228	FALSE
-0,002	0,308	-0,001	0,011	0,017	FALSE
-0,011	0,306	0,000	0,008	0,012	FALSE
-0,144	0,300	-0,006	0,012	0,212	FALSE
-0,039	0,301	-0,001	0,009	0,039	FALSE
-0,050	0,304	-0,001	0,006	0,053	FALSE
-0,069	0,302	-0,003	0,013	0,087	FALSE
-0,065	0,303	-0,001	0,006	0,055	FALSE
0,108	0,308	0,002	0,007	0,124	FALSE
-0,144	0,293	-0,006	0,012	0,204	FALSE
0,057	0,309	0,002	0,010	0,068	FALSE
0,044	0,315	0,001	0,010	0,033	FALSE
-0,060	0,298	-0,002	0,011	0,063	FALSE
-0,054	0,292	-0,001	0,009	0,059	FALSE
0,083	0,300	0,002	0,007	0,088	FALSE
-0,069	0,314	-0,002	0,009	0,094	FALSE
0,006	0,309	0,000	0,006	0,015	FALSE
0,033	0,315	0,001	0,008	0,037	FALSE
0,095	0,301	0,004	0,011	0,145	FALSE
0,083	0,315	0,002	0,007	0,116	FALSE
0,015	0,309	0,000	0,009	0,013	FALSE
0,013	0,295	0,001	0,013	0,018	FALSE
-0,061	0,309	-0,002	0,008	0,075	FALSE
0,071	0,311	0,002	0,011	0,060	FALSE
0,110	0,309	0,003	0,010	0,098	FALSE
-0,005	0,310	0,001	0,012	0,025	FALSE
-0,061	0,319	-0,002	0,009	0,069	FALSE
0,036	0,313	0,001	0,010	0,043	FALSE
0,042	0,288	0,000	0,010	0,011	FALSE
0,010	0,308	0,000	0,011	0,008	FALSE
-0,024	0,309	-0,001	0,012	0,026	FALSE
-0,039	0,306	-0,002	0,012	0,046	FALSE
0,034	0,307	0,001	0,007	0,057	FALSE
-0,033	0,292	-0,001	0,012	0,043	FALSE
-0,019	0,294	0,000	0,006	0,005	FALSE
0,054	0,321	0,002	0,011	0,074	FALSE
-0,086	0,303	-0,003	0,010	0,139	FALSE
-0,086	0,298	-0,003	0,010	0,133	FALSE
0,098	0,300	0,002	0,007	0,130	FALSE
-0,047	0,305	-0,001	0,007	0,056	FALSE
0,184	0,316	0,004	0,007	0,241	FALSE
-0,038	0,303	-0,001	0,007	0,049	FALSE
-0,075	0,318	-0,002	0,008	0,098	FALSE
-0,061	0,291	-0,002	0,007	0,110	FALSE
0,073	0,305	0,003	0,008	0,138	FALSE
-0,165	0,310	-0,004	0,008	0,193	FALSE
0,009	0,322	0,001	0,011	0,019	FALSE
0,066	0,310	0,001	0,010	0,035	FALSE
-0,175	0,301	-0,007	0,012	0,269	FALSE
-0,078	0,302	-0,002	0,007	0,103	FALSE
-0,030	0,302	-0,001	0,007	0,063	FALSE

-0,059	0,309	-0,001	0,007	0,061	FALSE
-0,028	0,323	-0,001	0,010	0,043	FALSE
-0,079	0,301	-0,002	0,007	0,116	FALSE
-0,095	0,312	-0,004	0,011	0,142	FALSE
0,036	0,301	0,001	0,008	0,044	FALSE
0,136	0,303	0,003	0,007	0,176	FALSE
0,075	0,318	0,004	0,012	0,131	FALSE
0,043	0,315	0,002	0,010	0,054	FALSE
-0,065	0,311	-0,003	0,013	0,082	FALSE
-0,021	0,313	-0,001	0,008	0,056	FALSE
-0,183	0,306	-0,004	0,006	0,263	FALSE
0,078	0,303	0,002	0,009	0,086	FALSE
0,008	0,291	0,001	0,007	0,040	FALSE
-0,041	0,320	-0,002	0,012	0,050	FALSE
-0,143	0,297	-0,004	0,009	0,182	FALSE
0,047	0,318	0,001	0,007	0,036	FALSE
-0,086	0,312	-0,002	0,007	0,094	FALSE
0,018	0,318	0,001	0,011	0,023	FALSE
-0,027	0,295	-0,001	0,007	0,039	FALSE
0,063	0,306	0,002	0,009	0,063	FALSE
-0,088	0,312	-0,002	0,007	0,105	FALSE
0,102	0,319	0,002	0,007	0,126	FALSE
-0,112	0,305	-0,005	0,013	0,155	FALSE
0,075	0,300	0,002	0,009	0,080	FALSE
0,084	0,301	0,003	0,011	0,114	FALSE
-0,064	0,310	-0,001	0,007	0,075	FALSE
0,002	0,305	0,000	0,007	0,004	FALSE
-0,022	0,321	-0,001	0,013	0,019	FALSE
-0,026	0,312	-0,001	0,009	0,033	FALSE
-0,026	0,310	-0,002	0,013	0,055	FALSE
-0,015	0,298	-0,001	0,008	0,051	FALSE
-0,029	0,325	-0,001	0,009	0,047	FALSE
-0,013	0,307	-0,001	0,008	0,043	FALSE
-0,020	0,305	0,000	0,007	0,003	FALSE
-0,084	0,316	-0,003	0,010	0,128	FALSE
-0,076	0,318	-0,004	0,011	0,128	FALSE
0,037	0,311	0,001	0,006	0,036	FALSE
0,035	0,318	0,001	0,007	0,054	FALSE
-0,071	0,313	-0,002	0,008	0,114	FALSE
0,064	0,301	0,003	0,013	0,104	FALSE
0,084	0,309	0,002	0,006	0,091	FALSE
-0,077	0,307	-0,003	0,009	0,121	FALSE
0,127	0,302	0,004	0,009	0,186	FALSE
-0,001	0,307	-0,001	0,008	0,023	FALSE
0,021	0,318	0,001	0,008	0,027	FALSE
0,152	0,308	0,003	0,006	0,229	FALSE
-0,002	0,315	0,000	0,009	0,004	FALSE
0,108	0,299	0,005	0,013	0,170	FALSE
-0,105	0,305	-0,004	0,010	0,147	FALSE
-0,072	0,314	-0,003	0,013	0,105	FALSE
-0,023	0,293	-0,001	0,010	0,025	FALSE
0,000	0,318	0,000	0,011	0,011	FALSE
-0,009	0,314	0,000	0,012	0,009	FALSE

-0,073	0,310	-0,001	0,011	0,050	FALSE
-0,049	0,311	-0,002	0,009	0,066	FALSE
-0,087	0,299	-0,003	0,009	0,128	FALSE
-0,002	0,318	0,000	0,012	0,003	FALSE
0,019	0,309	0,001	0,012	0,018	FALSE
-0,015	0,306	0,000	0,010	0,013	FALSE
0,125	0,320	0,004	0,010	0,159	FALSE
0,051	0,307	0,001	0,008	0,050	FALSE
-0,111	0,305	-0,003	0,007	0,173	FALSE
-0,119	0,303	-0,002	0,006	0,139	FALSE
0,018	0,316	0,000	0,008	0,011	FALSE
0,114	0,306	0,004	0,011	0,150	FALSE
0,111	0,309	0,002	0,007	0,137	FALSE
-0,005	0,313	0,000	0,011	0,006	FALSE
-0,111	0,309	-0,005	0,011	0,168	FALSE
-0,129	0,316	-0,004	0,010	0,170	FALSE
-0,085	0,311	-0,002	0,007	0,096	FALSE
-0,094	0,314	-0,002	0,008	0,101	FALSE
0,128	0,299	0,006	0,012	0,203	FALSE
0,026	0,308	0,001	0,008	0,043	FALSE
-0,152	0,298	-0,003	0,006	0,205	FALSE
-0,079	0,312	-0,003	0,009	0,117	FALSE
-0,138	0,307	-0,005	0,010	0,189	FALSE
-0,024	0,303	-0,001	0,007	0,033	FALSE
0,011	0,312	0,000	0,006	0,001	FALSE
0,007	0,321	0,001	0,010	0,025	FALSE
-0,018	0,305	-0,001	0,008	0,034	FALSE
-0,082	0,309	-0,003	0,009	0,121	FALSE
-0,057	0,308	-0,002	0,013	0,071	FALSE
-0,064	0,293	-0,001	0,008	0,064	FALSE
0,082	0,295	0,003	0,010	0,118	FALSE
-0,021	0,295	0,000	0,009	0,020	FALSE
-0,105	0,313	-0,003	0,009	0,132	FALSE
-0,096	0,299	-0,003	0,012	0,112	FALSE
0,033	0,309	0,001	0,006	0,032	FALSE
0,133	0,308	0,003	0,006	0,164	FALSE
-0,050	0,301	-0,001	0,007	0,045	FALSE
-0,131	0,305	-0,003	0,008	0,160	FALSE
0,031	0,311	0,002	0,012	0,053	FALSE
0,044	0,317	0,002	0,011	0,055	FALSE
0,030	0,323	0,001	0,012	0,019	FALSE
-0,033	0,294	-0,001	0,011	0,028	FALSE
-0,023	0,307	-0,001	0,011	0,042	FALSE
-0,023	0,299	0,000	0,008	0,018	FALSE
-0,036	0,315	-0,001	0,008	0,033	FALSE
0,109	0,304	0,004	0,012	0,144	FALSE
0,043	0,296	0,002	0,012	0,054	FALSE
0,101	0,302	0,004	0,011	0,133	FALSE
0,074	0,311	0,002	0,012	0,072	FALSE
-0,034	0,306	-0,001	0,008	0,037	FALSE
-0,015	0,319	-0,001	0,012	0,039	FALSE
0,005	0,318	0,000	0,012	0,007	FALSE
0,022	0,313	0,001	0,010	0,019	FALSE

0,101	0,308	0,003	0,010	0,130	FALSE
0,026	0,295	0,001	0,012	0,043	FALSE
-0,010	0,296	0,000	0,010	0,005	FALSE
0,017	0,312	0,000	0,007	0,011	FALSE
-0,109	0,301	-0,004	0,012	0,136	FALSE
-0,060	0,303	-0,002	0,009	0,066	FALSE
-0,019	0,308	-0,001	0,013	0,042	FALSE
-0,041	0,285	-0,002	0,010	0,071	FALSE
0,052	0,311	0,002	0,009	0,080	FALSE
-0,036	0,303	-0,001	0,012	0,036	FALSE
-0,012	0,300	0,000	0,012	0,007	FALSE
0,082	0,308	0,002	0,006	0,127	FALSE
0,022	0,312	0,000	0,009	0,018	FALSE
-0,043	0,309	-0,002	0,012	0,057	FALSE
0,088	0,305	0,003	0,009	0,128	FALSE
0,053	0,311	0,002	0,013	0,056	FALSE
-0,052	0,300	-0,001	0,007	0,061	FALSE
0,101	0,317	0,003	0,010	0,134	FALSE
0,001	0,300	0,000	0,007	0,024	FALSE
-0,095	0,313	-0,002	0,006	0,143	FALSE
0,002	0,316	0,000	0,007	0,014	FALSE
0,038	0,301	0,001	0,007	0,026	FALSE
0,098	0,296	0,003	0,009	0,135	FALSE
-0,086	0,301	-0,002	0,008	0,106	FALSE
-0,087	0,301	-0,003	0,009	0,123	FALSE
0,107	0,308	0,002	0,007	0,143	FALSE
-0,183	0,304	-0,005	0,009	0,258	FALSE
-0,107	0,318	-0,004	0,010	0,165	FALSE
-0,002	0,318	0,000	0,013	0,009	FALSE
0,014	0,312	0,001	0,011	0,039	FALSE
0,065	0,304	0,003	0,009	0,126	FALSE
0,116	0,309	0,005	0,011	0,173	FALSE
0,045	0,306	0,001	0,008	0,065	FALSE
0,051	0,303	0,002	0,010	0,074	FALSE
0,056	0,316	0,002	0,007	0,092	FALSE
0,049	0,306	0,001	0,007	0,078	FALSE
0,051	0,308	0,002	0,012	0,064	FALSE
-0,135	0,299	-0,003	0,007	0,192	FALSE
-0,129	0,307	-0,003	0,007	0,184	FALSE
-0,134	0,317	-0,003	0,008	0,182	FALSE
-0,124	0,309	-0,003	0,007	0,159	FALSE
0,136	0,293	0,003	0,006	0,210	FALSE
0,072	0,281	0,003	0,012	0,081	FALSE
0,002	0,326	0,000	0,013	0,011	FALSE
-0,022	0,307	-0,001	0,012	0,017	FALSE
-0,024	0,313	0,000	0,013	0,014	FALSE
-0,080	0,309	-0,003	0,010	0,132	FALSE
-0,045	0,313	-0,002	0,012	0,075	FALSE
-0,042	0,304	-0,002	0,009	0,079	FALSE
-0,032	0,316	0,000	0,009	0,017	FALSE
0,140	0,312	0,005	0,010	0,188	FALSE
0,118	0,297	0,003	0,009	0,124	FALSE
0,142	0,300	0,004	0,010	0,157	FALSE

0,073	0,295	0,001	0,006	0,039	FALSE
0,011	0,298	0,001	0,010	0,028	FALSE
-0,011	0,297	0,000	0,010	0,007	FALSE
-0,047	0,303	-0,001	0,007	0,061	FALSE
-0,104	0,314	-0,003	0,009	0,128	FALSE
-0,076	0,287	-0,002	0,010	0,081	FALSE
-0,112	0,326	-0,003	0,009	0,151	FALSE
-0,044	0,307	-0,001	0,007	0,063	FALSE
0,023	0,306	0,001	0,010	0,017	FALSE
-0,078	0,323	-0,003	0,013	0,074	FALSE
-0,070	0,296	-0,002	0,007	0,114	FALSE
-0,050	0,296	-0,002	0,009	0,064	FALSE
-0,060	0,299	-0,002	0,011	0,070	FALSE
-0,015	0,319	-0,001	0,013	0,034	FALSE
0,056	0,308	0,001	0,006	0,051	FALSE
-0,074	0,282	-0,002	0,010	0,086	FALSE
-0,109	0,307	-0,002	0,007	0,130	FALSE
0,079	0,299	0,002	0,008	0,086	FALSE
-0,033	0,287	-0,002	0,011	0,081	FALSE
0,044	0,297	0,002	0,010	0,068	FALSE
0,100	0,307	0,004	0,012	0,122	FALSE
-0,065	0,310	-0,001	0,007	0,062	FALSE
0,151	0,288	0,004	0,008	0,200	FALSE
0,178	0,296	0,004	0,007	0,223	FALSE
-0,104	0,313	-0,003	0,009	0,121	FALSE
-0,115	0,307	-0,003	0,008	0,124	FALSE
0,031	0,293	0,001	0,012	0,016	FALSE
-0,095	0,307	-0,005	0,012	0,156	FALSE
-0,003	0,297	-0,001	0,010	0,031	FALSE
0,131	0,287	0,004	0,012	0,118	FALSE
-0,086	0,296	-0,003	0,011	0,104	FALSE
0,019	0,301	0,001	0,008	0,036	FALSE
0,030	0,313	0,000	0,010	0,011	FALSE
-0,103	0,327	-0,002	0,007	0,133	FALSE
0,049	0,304	0,002	0,006	0,096	FALSE
0,059	0,306	0,002	0,012	0,051	FALSE
0,074	0,302	0,002	0,012	0,072	FALSE
-0,062	0,299	-0,002	0,009	0,104	FALSE
-0,021	0,306	0,000	0,009	0,017	FALSE
0,045	0,308	0,002	0,012	0,072	FALSE
0,050	0,306	0,003	0,011	0,087	FALSE
-0,066	0,307	-0,003	0,009	0,121	FALSE
0,001	0,299	-0,001	0,009	0,027	FALSE
0,130	0,308	0,003	0,007	0,179	FALSE
0,090	0,325	0,003	0,013	0,102	FALSE
0,048	0,309	0,001	0,012	0,040	FALSE
-0,018	0,306	-0,001	0,011	0,022	FALSE
0,058	0,306	0,002	0,011	0,073	FALSE
0,068	0,312	0,002	0,011	0,071	FALSE
-0,019	0,312	-0,001	0,009	0,060	FALSE
0,056	0,307	0,001	0,007	0,069	FALSE
0,002	0,311	0,000	0,008	0,000	FALSE
-0,141	0,305	-0,004	0,007	0,216	FALSE

-0,028	0,308	-0,001	0,007	0,026	FALSE
0,016	0,317	0,000	0,011	0,003	FALSE
-0,066	0,312	-0,002	0,009	0,072	FALSE
0,024	0,313	0,001	0,012	0,019	FALSE
0,060	0,308	0,002	0,006	0,105	FALSE
0,001	0,306	0,000	0,012	0,011	FALSE
0,079	0,301	0,002	0,007	0,099	FALSE
-0,123	0,311	-0,005	0,011	0,165	FALSE
-0,083	0,305	-0,002	0,007	0,080	FALSE
0,026	0,299	0,001	0,011	0,050	FALSE
-0,083	0,296	-0,002	0,009	0,086	FALSE
0,075	0,290	0,002	0,008	0,101	FALSE
0,039	0,304	0,001	0,008	0,065	FALSE
0,040	0,315	0,001	0,009	0,048	FALSE
0,050	0,320	0,002	0,011	0,083	FALSE
0,052	0,316	0,002	0,008	0,077	FALSE
0,079	0,303	0,004	0,012	0,113	FALSE
-0,077	0,313	-0,003	0,010	0,117	FALSE
-0,077	0,303	-0,003	0,010	0,115	FALSE
-0,090	0,305	-0,001	0,006	0,090	FALSE
0,106	0,292	0,004	0,012	0,143	FALSE
0,223	0,292	0,008	0,011	0,334	FALSE
-0,051	0,295	-0,001	0,008	0,036	FALSE
-0,003	0,289	-0,001	0,009	0,024	FALSE
-0,009	0,286	0,000	0,010	0,014	FALSE
0,006	0,301	0,000	0,009	0,003	FALSE
-0,040	0,301	-0,002	0,010	0,060	FALSE
0,032	0,302	0,001	0,012	0,033	FALSE
0,124	0,289	0,004	0,008	0,205	FALSE
-0,105	0,312	-0,002	0,007	0,138	FALSE
-0,068	0,296	-0,003	0,012	0,109	FALSE
0,158	0,290	0,004	0,006	0,293	FALSE
-0,100	0,301	-0,002	0,006	0,132	FALSE
0,045	0,332	0,001	0,008	0,029	FALSE
-0,069	0,305	-0,001	0,006	0,043	FALSE
0,097	0,307	0,003	0,009	0,114	FALSE
-0,021	0,318	0,000	0,007	0,016	FALSE
-0,056	0,306	-0,001	0,006	0,091	FALSE
0,167	0,294	0,003	0,006	0,244	FALSE
-0,004	0,302	0,000	0,013	0,009	FALSE
-0,084	0,300	-0,003	0,011	0,109	FALSE
0,102	0,300	0,003	0,010	0,122	FALSE
-0,064	0,296	-0,002	0,011	0,078	FALSE
0,043	0,326	0,001	0,008	0,042	FALSE
0,001	0,302	-0,002	0,013	0,045	FALSE
-0,068	0,298	-0,004	0,012	0,138	FALSE
-0,125	0,305	-0,004	0,009	0,173	FALSE
-0,054	0,331	-0,002	0,010	0,061	FALSE
0,043	0,317	0,001	0,012	0,038	FALSE
0,066	0,301	0,001	0,007	0,068	FALSE
-0,098	0,288	-0,002	0,006	0,154	FALSE
0,006	0,315	0,000	0,007	0,016	FALSE
0,017	0,321	0,000	0,007	0,016	FALSE

-0,013	0,315	0,000	0,012	0,008	FALSE
0,085	0,306	0,002	0,007	0,126	FALSE
-0,107	0,318	-0,003	0,008	0,152	FALSE
-0,034	0,306	-0,001	0,011	0,026	FALSE
0,058	0,304	0,001	0,007	0,059	FALSE
0,078	0,307	0,002	0,008	0,115	FALSE
-0,055	0,304	-0,001	0,007	0,063	FALSE
0,044	0,293	0,001	0,009	0,051	FALSE
-0,033	0,310	-0,002	0,012	0,069	FALSE
-0,056	0,311	-0,003	0,012	0,101	FALSE
-0,033	0,307	-0,001	0,006	0,046	FALSE
-0,002	0,322	-0,001	0,012	0,037	FALSE
-0,039	0,315	-0,001	0,008	0,046	FALSE
0,053	0,301	0,002	0,009	0,096	FALSE
-0,033	0,302	-0,001	0,007	0,039	FALSE
-0,057	0,305	-0,001	0,008	0,053	FALSE
-0,050	0,301	-0,003	0,012	0,090	FALSE
0,063	0,307	0,002	0,007	0,088	FALSE
0,047	0,289	0,002	0,010	0,065	FALSE
-0,036	0,318	-0,001	0,009	0,055	FALSE
0,003	0,312	-0,001	0,008	0,033	FALSE
-0,011	0,319	0,000	0,013	0,004	FALSE
0,048	0,314	0,002	0,012	0,065	FALSE
-0,028	0,298	-0,001	0,012	0,035	FALSE
0,018	0,299	0,001	0,011	0,036	FALSE
0,102	0,308	0,003	0,010	0,127	FALSE
0,133	0,305	0,003	0,010	0,136	FALSE
0,072	0,307	0,004	0,012	0,128	FALSE
-0,066	0,315	-0,001	0,008	0,053	FALSE
-0,099	0,297	-0,002	0,008	0,110	FALSE
0,072	0,310	0,003	0,012	0,091	FALSE
-0,071	0,310	-0,002	0,008	0,079	FALSE
-0,198	0,303	-0,004	0,006	0,276	FALSE
-0,160	0,296	-0,005	0,009	0,231	FALSE
-0,173	0,309	-0,003	0,006	0,243	FALSE
-0,179	0,314	-0,005	0,010	0,236	FALSE
0,034	0,317	0,001	0,008	0,033	FALSE
0,047	0,315	0,001	0,010	0,051	FALSE
-0,127	0,306	-0,003	0,009	0,127	FALSE
-0,035	0,316	-0,001	0,012	0,021	FALSE
0,080	0,305	0,003	0,013	0,106	FALSE
-0,056	0,281	-0,002	0,011	0,062	FALSE
0,075	0,320	0,003	0,012	0,098	FALSE
0,035	0,315	0,001	0,012	0,040	FALSE
0,049	0,314	0,002	0,012	0,054	FALSE
-0,094	0,303	-0,002	0,009	0,104	FALSE
0,038	0,303	0,001	0,007	0,026	FALSE
-0,098	0,298	-0,003	0,012	0,105	FALSE
0,002	0,302	0,000	0,006	0,004	FALSE
-0,044	0,326	-0,001	0,011	0,044	FALSE
0,058	0,295	0,001	0,007	0,065	FALSE
-0,004	0,315	0,000	0,007	0,013	FALSE
0,018	0,307	0,001	0,010	0,041	FALSE

-0,009	0,314	0,000	0,007	0,006	FALSE
0,082	0,288	0,002	0,008	0,114	FALSE
0,151	0,295	0,003	0,006	0,209	FALSE
0,023	0,291	0,001	0,006	0,061	FALSE
0,030	0,302	0,002	0,013	0,056	FALSE
0,048	0,309	0,001	0,008	0,060	FALSE
0,072	0,309	0,002	0,007	0,096	FALSE
0,021	0,318	0,000	0,008	0,014	FALSE
-0,220	0,295	-0,005	0,007	0,316	FALSE
-0,143	0,296	-0,004	0,012	0,137	FALSE
0,033	0,304	0,001	0,007	0,034	FALSE
0,085	0,300	0,003	0,012	0,098	FALSE
-0,008	0,290	0,000	0,013	0,005	FALSE
0,095	0,301	0,004	0,011	0,132	FALSE
0,058	0,313	0,002	0,008	0,078	FALSE
-0,022	0,306	0,000	0,007	0,013	FALSE
-0,027	0,307	-0,001	0,007	0,036	FALSE
0,021	0,318	0,000	0,010	0,014	FALSE
0,131	0,299	0,005	0,013	0,144	FALSE
0,070	0,306	0,002	0,012	0,074	FALSE
0,009	0,307	0,001	0,007	0,038	FALSE
0,046	0,316	0,001	0,008	0,053	FALSE
-0,080	0,319	-0,001	0,007	0,083	FALSE
-0,004	0,319	-0,001	0,011	0,021	FALSE
0,010	0,303	0,000	0,007	0,016	FALSE
0,034	0,316	0,002	0,011	0,048	FALSE
-0,020	0,296	0,000	0,012	0,008	FALSE
-0,097	0,313	-0,003	0,008	0,138	FALSE
0,032	0,299	0,002	0,011	0,054	FALSE
0,002	0,305	0,000	0,012	0,006	FALSE
-0,030	0,312	-0,001	0,007	0,051	FALSE
0,152	0,298	0,006	0,010	0,252	FALSE
0,057	0,307	0,001	0,010	0,050	FALSE
0,076	0,318	0,002	0,010	0,065	FALSE
-0,090	0,295	-0,002	0,008	0,102	FALSE
-0,203	0,303	-0,009	0,012	0,315	FALSE
-0,094	0,299	-0,004	0,011	0,132	FALSE
0,131	0,294	0,004	0,008	0,177	FALSE
0,015	0,316	0,001	0,010	0,038	FALSE
0,079	0,306	0,002	0,007	0,106	FALSE
-0,006	0,291	-0,001	0,012	0,021	FALSE
0,019	0,314	0,000	0,011	0,012	FALSE
-0,020	0,319	0,000	0,011	0,016	FALSE
-0,079	0,306	-0,002	0,006	0,100	FALSE
-0,033	0,306	-0,002	0,012	0,047	FALSE
-0,011	0,311	0,000	0,011	0,007	FALSE
0,031	0,304	0,000	0,009	0,004	FALSE
-0,023	0,304	0,000	0,007	0,008	FALSE
-0,035	0,306	-0,001	0,006	0,059	FALSE
0,077	0,298	0,003	0,009	0,125	FALSE
-0,042	0,307	-0,001	0,012	0,027	FALSE
-0,014	0,316	-0,001	0,012	0,039	FALSE
-0,018	0,311	0,000	0,011	0,003	FALSE

-0,058	0,300	-0,001	0,010	0,050	FALSE
0,072	0,297	0,002	0,012	0,072	FALSE
0,016	0,317	0,001	0,009	0,041	FALSE
-0,039	0,305	0,000	0,008	0,011	FALSE
-0,011	0,313	0,000	0,009	0,015	FALSE
0,024	0,303	0,000	0,007	0,013	FALSE
-0,022	0,320	-0,001	0,010	0,032	FALSE
0,099	0,304	0,003	0,011	0,102	FALSE
0,075	0,301	0,001	0,006	0,079	FALSE
0,025	0,313	0,000	0,012	0,014	FALSE
-0,079	0,303	-0,002	0,008	0,067	FALSE
-0,021	0,305	-0,001	0,009	0,032	FALSE
0,032	0,304	0,001	0,007	0,046	FALSE
0,108	0,303	0,003	0,006	0,177	FALSE
0,000	0,305	0,000	0,011	0,002	FALSE
0,084	0,300	0,002	0,007	0,113	FALSE
0,060	0,297	0,002	0,007	0,092	FALSE
0,072	0,311	0,003	0,012	0,108	FALSE
0,070	0,306	0,003	0,012	0,086	FALSE
0,202	0,287	0,005	0,007	0,343	FALSE
-0,042	0,298	-0,001	0,013	0,031	FALSE
-0,123	0,302	-0,003	0,007	0,172	FALSE
-0,102	0,308	-0,003	0,008	0,138	FALSE
0,137	0,309	0,005	0,010	0,206	FALSE
-0,168	0,318	-0,007	0,012	0,238	FALSE
0,041	0,305	0,001	0,012	0,029	FALSE
-0,031	0,300	-0,001	0,009	0,032	FALSE
-0,104	0,309	-0,004	0,010	0,177	FALSE
0,016	0,303	0,001	0,011	0,021	FALSE
0,065	0,310	0,002	0,011	0,080	FALSE
-0,014	0,314	0,000	0,008	0,012	FALSE
-0,073	0,315	-0,003	0,011	0,119	FALSE
0,016	0,301	0,000	0,006	0,027	FALSE
-0,186	0,303	-0,005	0,009	0,236	FALSE
0,065	0,322	0,002	0,011	0,061	FALSE
-0,013	0,317	0,000	0,007	0,006	FALSE
-0,006	0,309	0,001	0,010	0,048	FALSE
-0,032	0,318	-0,001	0,013	0,018	FALSE
-0,003	0,304	0,000	0,007	0,004	FALSE
0,074	0,304	0,001	0,009	0,063	FALSE
0,087	0,302	0,003	0,011	0,101	FALSE
0,085	0,302	0,004	0,010	0,161	FALSE
0,053	0,303	0,003	0,010	0,111	FALSE
0,071	0,305	0,003	0,011	0,104	FALSE
-0,024	0,311	-0,001	0,008	0,048	FALSE
0,034	0,302	0,001	0,010	0,050	FALSE
-0,110	0,296	-0,003	0,006	0,182	FALSE
-0,092	0,301	-0,002	0,006	0,157	FALSE
-0,057	0,306	-0,002	0,008	0,089	FALSE
0,061	0,299	0,001	0,007	0,077	FALSE
0,110	0,305	0,005	0,011	0,174	FALSE
-0,016	0,318	-0,001	0,006	0,038	FALSE
0,104	0,302	0,004	0,012	0,136	FALSE

-0,034	0,321	-0,001	0,010	0,049	FALSE
0,072	0,297	0,002	0,007	0,111	FALSE
-0,164	0,282	-0,006	0,010	0,247	FALSE
-0,045	0,311	-0,001	0,006	0,056	FALSE
-0,185	0,308	-0,008	0,012	0,275	FALSE
-0,116	0,315	-0,003	0,007	0,162	FALSE
-0,016	0,304	0,000	0,009	0,001	FALSE
-0,129	0,312	-0,004	0,009	0,177	FALSE
0,108	0,302	0,003	0,007	0,151	FALSE
0,059	0,315	0,002	0,007	0,082	FALSE
0,023	0,304	0,000	0,007	0,015	FALSE
-0,013	0,295	0,000	0,007	0,006	FALSE
0,018	0,300	0,000	0,006	0,021	FALSE
0,081	0,310	0,003	0,010	0,129	FALSE
0,021	0,303	0,001	0,007	0,025	FALSE
0,121	0,298	0,003	0,008	0,176	FALSE
0,033	0,309	0,001	0,010	0,038	FALSE
-0,088	0,300	-0,002	0,008	0,096	FALSE
0,085	0,299	0,002	0,007	0,123	FALSE
0,111	0,306	0,003	0,006	0,173	FALSE
-0,047	0,280	-0,002	0,012	0,054	FALSE
0,134	0,294	0,003	0,006	0,177	FALSE
-0,023	0,306	0,000	0,010	0,004	FALSE
0,057	0,305	0,002	0,009	0,089	FALSE
0,071	0,307	0,003	0,009	0,116	FALSE
-0,027	0,306	-0,001	0,007	0,069	FALSE
-0,186	0,310	-0,005	0,010	0,219	FALSE
-0,028	0,304	0,000	0,006	0,011	FALSE
-0,065	0,301	-0,002	0,009	0,076	FALSE
-0,085	0,308	-0,003	0,010	0,128	FALSE
0,123	0,294	0,003	0,007	0,161	FALSE
0,041	0,309	0,000	0,007	0,000	FALSE
-0,048	0,302	-0,002	0,011	0,051	FALSE
-0,153	0,304	-0,004	0,007	0,209	FALSE
-0,050	0,324	-0,001	0,007	0,046	FALSE
-0,105	0,296	-0,002	0,006	0,098	FALSE
-0,100	0,300	-0,002	0,007	0,088	FALSE
-0,005	0,302	0,000	0,010	0,001	FALSE
0,011	0,294	0,001	0,006	0,048	FALSE
-0,053	0,308	0,000	0,012	0,015	FALSE
0,081	0,315	0,002	0,010	0,086	FALSE
0,036	0,321	0,001	0,007	0,058	FALSE
-0,044	0,302	-0,001	0,009	0,050	FALSE
0,067	0,300	0,002	0,012	0,074	FALSE
-0,001	0,305	0,000	0,010	0,011	FALSE
0,169	0,311	0,004	0,007	0,216	FALSE
0,006	0,313	0,000	0,006	0,007	FALSE
0,008	0,310	0,000	0,012	0,010	FALSE
-0,094	0,314	-0,002	0,008	0,103	FALSE
0,056	0,297	0,001	0,009	0,055	FALSE
-0,001	0,311	0,001	0,008	0,025	FALSE
-0,068	0,298	-0,002	0,010	0,075	FALSE
-0,010	0,311	0,000	0,012	0,002	FALSE

-0,058	0,310	-0,002	0,009	0,062	FALSE
0,011	0,306	0,000	0,012	0,007	FALSE
-0,076	0,299	-0,002	0,009	0,077	FALSE
-0,035	0,319	-0,001	0,009	0,045	FALSE
0,116	0,301	0,004	0,011	0,130	FALSE
-0,031	0,309	0,000	0,007	0,012	FALSE
-0,052	0,315	-0,003	0,011	0,092	FALSE
0,044	0,312	0,002	0,010	0,080	FALSE
0,036	0,292	0,002	0,008	0,086	FALSE
-0,132	0,305	-0,004	0,009	0,169	FALSE
-0,022	0,308	-0,001	0,011	0,019	FALSE
0,017	0,301	0,001	0,011	0,020	FALSE
0,020	0,306	0,000	0,010	0,017	FALSE
-0,112	0,310	-0,003	0,007	0,161	FALSE
-0,156	0,294	-0,006	0,011	0,228	FALSE
0,055	0,310	0,002	0,009	0,098	FALSE
-0,023	0,307	-0,001	0,009	0,053	FALSE
-0,111	0,304	-0,003	0,010	0,139	FALSE
0,081	0,318	0,002	0,008	0,081	FALSE
-0,105	0,293	-0,003	0,010	0,129	FALSE
-0,088	0,302	-0,003	0,012	0,081	FALSE
0,082	0,312	0,002	0,006	0,121	FALSE
-0,001	0,323	0,000	0,010	0,011	FALSE
0,015	0,306	0,001	0,010	0,023	FALSE
0,014	0,312	0,002	0,011	0,053	FALSE
-0,055	0,306	-0,003	0,011	0,099	FALSE
-0,018	0,312	0,000	0,012	0,003	FALSE
-0,010	0,316	0,001	0,010	0,027	FALSE
-0,097	0,308	-0,004	0,012	0,114	FALSE
-0,056	0,305	-0,001	0,007	0,067	FALSE
0,023	0,310	0,001	0,011	0,029	FALSE
-0,074	0,307	-0,003	0,011	0,110	FALSE
-0,042	0,308	-0,002	0,009	0,084	FALSE
-0,060	0,317	-0,002	0,010	0,079	FALSE
-0,031	0,292	-0,001	0,009	0,058	FALSE
0,120	0,286	0,004	0,008	0,194	FALSE
0,050	0,322	0,002	0,012	0,057	FALSE
0,066	0,315	0,002	0,009	0,065	FALSE
0,046	0,298	0,000	0,008	0,011	FALSE
0,063	0,296	0,001	0,008	0,036	FALSE
0,045	0,304	0,001	0,009	0,025	FALSE
-0,105	0,316	-0,003	0,008	0,148	FALSE
-0,035	0,324	-0,001	0,010	0,029	FALSE
0,052	0,297	0,002	0,011	0,072	FALSE
-0,037	0,316	-0,001	0,006	0,048	FALSE
0,075	0,318	0,002	0,008	0,107	FALSE
-0,089	0,309	-0,003	0,008	0,137	FALSE
0,142	0,305	0,003	0,007	0,179	FALSE
0,006	0,308	0,001	0,006	0,032	FALSE
0,065	0,316	0,002	0,008	0,099	FALSE
0,128	0,294	0,004	0,007	0,206	FALSE
0,021	0,317	0,000	0,006	0,009	FALSE
-0,045	0,313	-0,002	0,009	0,068	FALSE

0,113	0,317	0,005	0,012	0,164	FALSE
-0,137	0,301	-0,003	0,006	0,202	FALSE
-0,091	0,312	-0,002	0,006	0,121	FALSE
-0,030	0,318	-0,001	0,008	0,042	FALSE
-0,007	0,316	0,000	0,011	0,007	FALSE
0,002	0,315	0,000	0,007	0,011	FALSE
0,074	0,302	0,002	0,008	0,093	FALSE
0,056	0,295	0,002	0,008	0,081	FALSE
-0,096	0,313	-0,002	0,006	0,160	FALSE
-0,058	0,318	-0,002	0,010	0,092	FALSE
0,024	0,310	0,001	0,008	0,055	FALSE
0,124	0,309	0,004	0,008	0,193	FALSE
0,120	0,300	0,004	0,008	0,198	FALSE
-0,016	0,322	-0,001	0,013	0,039	FALSE
-0,003	0,294	0,001	0,010	0,021	FALSE
-0,052	0,315	-0,002	0,009	0,072	FALSE
-0,102	0,309	-0,004	0,010	0,146	FALSE
-0,146	0,296	-0,003	0,007	0,191	FALSE
-0,060	0,304	-0,002	0,011	0,063	FALSE
-0,066	0,307	-0,002	0,011	0,074	FALSE
0,039	0,311	0,001	0,012	0,042	FALSE
-0,104	0,313	-0,004	0,009	0,182	FALSE
-0,046	0,315	-0,002	0,011	0,061	FALSE
-0,158	0,302	-0,005	0,009	0,226	FALSE
0,007	0,318	0,000	0,010	0,008	FALSE
-0,108	0,300	-0,002	0,006	0,136	FALSE
-0,122	0,303	-0,004	0,008	0,173	FALSE
0,048	0,307	0,002	0,010	0,062	FALSE
-0,006	0,305	-0,001	0,011	0,037	FALSE
-0,002	0,307	0,001	0,009	0,027	FALSE
0,047	0,320	0,001	0,006	0,059	FALSE
0,048	0,320	0,001	0,009	0,045	FALSE
-0,084	0,305	-0,002	0,009	0,104	FALSE
0,039	0,320	0,002	0,012	0,058	FALSE
-0,029	0,317	-0,001	0,012	0,038	FALSE
0,146	0,299	0,004	0,007	0,234	FALSE
-0,050	0,305	-0,004	0,011	0,125	FALSE
-0,071	0,294	-0,004	0,011	0,164	FALSE
-0,046	0,299	-0,003	0,010	0,110	FALSE
-0,108	0,306	-0,004	0,009	0,161	FALSE
-0,112	0,290	-0,003	0,007	0,157	FALSE
0,073	0,318	0,003	0,013	0,078	FALSE
0,019	0,310	0,001	0,011	0,035	FALSE
0,047	0,305	0,002	0,009	0,063	FALSE
-0,137	0,300	-0,003	0,007	0,157	FALSE
-0,095	0,309	-0,002	0,007	0,109	FALSE
0,073	0,283	0,004	0,012	0,119	FALSE
0,093	0,306	0,003	0,009	0,119	FALSE
-0,105	0,309	-0,002	0,007	0,124	FALSE
0,047	0,308	0,002	0,007	0,084	FALSE
0,087	0,304	0,002	0,011	0,086	FALSE
-0,071	0,308	-0,001	0,008	0,060	FALSE
0,100	0,305	0,004	0,012	0,114	FALSE

-0,043	0,322	-0,002	0,013	0,048	FALSE
0,048	0,306	0,001	0,007	0,057	FALSE
0,046	0,301	0,001	0,007	0,064	FALSE
0,031	0,313	0,001	0,007	0,047	FALSE
0,032	0,311	0,002	0,013	0,066	FALSE
-0,047	0,306	0,000	0,011	0,015	FALSE
0,022	0,308	0,000	0,008	0,008	FALSE
0,007	0,303	0,000	0,008	0,003	FALSE
0,000	0,308	0,000	0,008	0,004	FALSE
-0,004	0,307	0,000	0,007	0,023	FALSE
-0,068	0,317	-0,002	0,011	0,053	FALSE
0,008	0,316	0,001	0,011	0,042	FALSE
-0,063	0,316	-0,003	0,012	0,104	FALSE
0,100	0,301	0,004	0,009	0,157	FALSE
0,005	0,302	0,001	0,009	0,021	FALSE
-0,146	0,311	-0,004	0,009	0,187	FALSE
-0,061	0,303	-0,002	0,010	0,082	FALSE
-0,125	0,307	-0,004	0,009	0,172	FALSE
-0,011	0,311	-0,001	0,010	0,033	FALSE
-0,014	0,300	-0,001	0,012	0,018	FALSE
-0,055	0,309	-0,002	0,012	0,065	FALSE
-0,036	0,303	-0,001	0,006	0,072	FALSE
0,062	0,317	0,002	0,010	0,096	FALSE
-0,084	0,312	-0,002	0,008	0,100	FALSE
-0,052	0,312	-0,003	0,013	0,079	FALSE
0,042	0,310	0,001	0,010	0,048	FALSE
-0,002	0,305	0,001	0,008	0,045	FALSE
0,072	0,303	0,001	0,010	0,056	FALSE
0,056	0,303	0,002	0,009	0,069	FALSE
0,032	0,310	0,001	0,010	0,054	FALSE
0,000	0,318	0,000	0,013	0,011	FALSE
0,071	0,307	0,002	0,008	0,098	FALSE
0,057	0,303	0,002	0,009	0,087	FALSE
0,067	0,298	0,002	0,010	0,070	FALSE
0,061	0,298	0,002	0,012	0,057	FALSE
-0,124	0,309	-0,003	0,007	0,153	FALSE
0,005	0,318	0,000	0,011	0,008	FALSE
-0,060	0,298	-0,003	0,012	0,098	FALSE
0,066	0,294	0,001	0,006	0,077	FALSE
-0,025	0,295	0,000	0,008	0,021	FALSE
0,062	0,299	0,003	0,012	0,081	FALSE
0,016	0,324	0,000	0,007	0,001	FALSE
-0,044	0,321	-0,002	0,011	0,075	FALSE
0,027	0,310	0,000	0,008	0,002	FALSE
0,042	0,308	0,000	0,009	0,014	FALSE
0,000	0,305	0,001	0,010	0,022	FALSE
0,079	0,305	0,002	0,007	0,113	FALSE
-0,155	0,291	-0,006	0,012	0,232	FALSE
-0,042	0,306	-0,002	0,013	0,071	FALSE
0,012	0,296	0,001	0,009	0,028	FALSE
-0,119	0,286	-0,004	0,010	0,141	FALSE
-0,119	0,310	-0,004	0,011	0,131	FALSE
0,107	0,305	0,004	0,010	0,135	FALSE

0,085	0,313	0,003	0,010	0,114	FALSE
-0,107	0,288	-0,002	0,006	0,139	FALSE
0,068	0,324	0,003	0,013	0,094	FALSE
0,010	0,312	0,000	0,009	0,006	FALSE
-0,086	0,300	-0,003	0,010	0,125	FALSE
0,089	0,312	0,002	0,007	0,129	FALSE
-0,141	0,293	-0,004	0,009	0,166	FALSE
0,151	0,306	0,005	0,010	0,194	FALSE
0,028	0,320	0,001	0,008	0,029	FALSE
-0,042	0,301	-0,002	0,013	0,045	FALSE
0,142	0,303	0,005	0,011	0,188	FALSE
-0,007	0,313	0,000	0,007	0,015	FALSE
0,042	0,299	0,001	0,008	0,041	FALSE
-0,077	0,298	-0,002	0,007	0,097	FALSE
-0,035	0,292	-0,001	0,008	0,053	FALSE
0,056	0,294	0,001	0,008	0,066	FALSE
-0,108	0,299	-0,005	0,012	0,180	FALSE
-0,116	0,304	-0,006	0,013	0,197	FALSE
0,131	0,300	0,003	0,006	0,202	FALSE
0,027	0,320	0,000	0,012	0,000	FALSE
0,081	0,305	0,003	0,010	0,130	FALSE
0,032	0,305	0,002	0,012	0,072	FALSE
-0,089	0,301	-0,001	0,007	0,079	FALSE
0,059	0,301	0,002	0,012	0,070	FALSE
-0,157	0,316	-0,005	0,012	0,173	FALSE
-0,095	0,308	-0,002	0,006	0,109	FALSE
-0,060	0,314	-0,003	0,013	0,100	FALSE
-0,079	0,315	-0,003	0,011	0,117	FALSE
-0,060	0,309	-0,003	0,011	0,108	FALSE
0,127	0,311	0,003	0,007	0,158	FALSE
-0,100	0,299	-0,003	0,011	0,102	FALSE
0,023	0,306	0,000	0,013	0,005	FALSE
0,044	0,314	0,001	0,006	0,038	FALSE
0,050	0,316	0,002	0,010	0,082	FALSE
0,124	0,308	0,003	0,008	0,181	FALSE
-0,148	0,295	-0,007	0,013	0,226	FALSE
0,048	0,306	0,001	0,007	0,068	FALSE
0,046	0,299	0,001	0,008	0,043	FALSE
0,027	0,305	0,001	0,008	0,041	FALSE
0,065	0,286	0,002	0,008	0,077	FALSE
-0,111	0,305	-0,005	0,013	0,152	FALSE
-0,124	0,318	-0,006	0,013	0,176	FALSE
0,110	0,301	0,003	0,009	0,142	FALSE
0,123	0,291	0,005	0,012	0,180	FALSE
-0,044	0,295	-0,002	0,009	0,069	FALSE
0,106	0,286	0,005	0,013	0,154	FALSE
-0,029	0,319	-0,002	0,013	0,049	FALSE
0,048	0,302	0,001	0,007	0,052	FALSE
-0,001	0,310	0,000	0,007	0,009	FALSE
-0,014	0,311	0,000	0,007	0,017	FALSE
0,038	0,309	0,001	0,007	0,052	FALSE
0,094	0,308	0,002	0,008	0,114	FALSE
-0,076	0,286	-0,002	0,009	0,107	FALSE

-0,065	0,308	-0,002	0,012	0,070	FALSE
-0,072	0,306	-0,003	0,012	0,084	FALSE
-0,082	0,309	-0,002	0,007	0,107	FALSE
-0,141	0,302	-0,004	0,009	0,187	FALSE
0,022	0,301	0,000	0,006	0,020	FALSE
-0,028	0,308	0,000	0,008	0,006	FALSE
-0,161	0,297	-0,004	0,008	0,219	FALSE
-0,085	0,305	-0,003	0,010	0,139	FALSE
0,068	0,300	0,002	0,007	0,097	FALSE
0,060	0,315	0,003	0,011	0,124	FALSE
0,036	0,296	0,000	0,007	0,018	FALSE
-0,030	0,306	-0,001	0,012	0,030	FALSE
0,008	0,314	0,000	0,007	0,025	FALSE
-0,148	0,295	-0,005	0,011	0,202	FALSE
-0,137	0,311	-0,004	0,011	0,168	FALSE
-0,125	0,293	-0,004	0,010	0,154	FALSE
-0,085	0,305	-0,003	0,010	0,106	FALSE
0,172	0,298	0,005	0,010	0,236	FALSE
0,001	0,314	0,000	0,012	0,012	FALSE
-0,045	0,312	-0,001	0,007	0,062	FALSE
-0,078	0,305	-0,001	0,006	0,079	FALSE
-0,096	0,307	-0,002	0,007	0,110	FALSE
-0,162	0,286	-0,006	0,009	0,301	FALSE
-0,013	0,299	0,000	0,011	0,013	FALSE
-0,112	0,296	-0,006	0,012	0,194	FALSE
-0,018	0,302	-0,001	0,010	0,032	FALSE
-0,015	0,317	0,000	0,007	0,008	FALSE
0,007	0,291	0,000	0,007	0,003	FALSE
0,055	0,286	0,001	0,006	0,069	FALSE
-0,002	0,296	0,002	0,012	0,062	FALSE
-0,088	0,306	-0,002	0,008	0,110	FALSE
0,062	0,301	0,001	0,008	0,059	FALSE
0,033	0,308	0,001	0,007	0,044	FALSE
-0,132	0,313	-0,003	0,006	0,162	FALSE
-0,058	0,302	-0,002	0,012	0,053	FALSE
-0,113	0,299	-0,003	0,009	0,128	FALSE
-0,197	0,301	-0,005	0,008	0,285	FALSE
0,177	0,291	0,006	0,009	0,277	FALSE
-0,014	0,299	-0,001	0,008	0,032	FALSE
-0,023	0,306	0,000	0,007	0,025	FALSE
-0,043	0,312	-0,001	0,008	0,067	FALSE
0,009	0,319	-0,001	0,011	0,018	FALSE
-0,120	0,311	-0,005	0,012	0,174	FALSE
-0,026	0,313	-0,001	0,010	0,036	FALSE
-0,051	0,310	-0,001	0,008	0,054	FALSE
-0,056	0,310	-0,001	0,008	0,064	FALSE
-0,054	0,302	-0,001	0,008	0,059	FALSE
-0,053	0,296	-0,001	0,008	0,062	FALSE
-0,046	0,305	-0,001	0,007	0,035	FALSE
-0,058	0,301	-0,001	0,007	0,053	FALSE
0,017	0,312	0,001	0,012	0,036	FALSE
-0,050	0,297	-0,001	0,008	0,050	FALSE
-0,048	0,299	-0,002	0,011	0,058	FALSE

-0,052	0,303	-0,002	0,013	0,049	FALSE
0,042	0,312	0,001	0,010	0,041	FALSE
0,045	0,307	0,001	0,010	0,046	FALSE
-0,041	0,292	-0,002	0,012	0,070	FALSE
0,029	0,307	0,002	0,009	0,064	FALSE
-0,100	0,309	-0,004	0,012	0,144	FALSE
0,135	0,308	0,006	0,012	0,202	FALSE
-0,060	0,312	-0,003	0,012	0,079	FALSE
0,097	0,300	0,003	0,010	0,131	FALSE
0,040	0,318	0,001	0,008	0,059	FALSE
-0,022	0,314	-0,001	0,013	0,039	FALSE
0,076	0,307	0,003	0,010	0,105	FALSE
0,104	0,302	0,002	0,006	0,141	FALSE
0,040	0,307	0,002	0,008	0,073	FALSE
-0,038	0,320	-0,001	0,010	0,044	FALSE
0,042	0,292	0,001	0,006	0,082	FALSE
0,041	0,296	0,001	0,008	0,033	FALSE
-0,022	0,309	0,000	0,006	0,026	FALSE
-0,069	0,317	-0,002	0,006	0,120	FALSE
-0,127	0,311	-0,003	0,007	0,175	FALSE
0,027	0,317	0,001	0,010	0,026	FALSE
-0,097	0,309	-0,003	0,009	0,137	FALSE
-0,049	0,303	-0,001	0,010	0,046	FALSE
0,097	0,305	0,001	0,007	0,080	FALSE
0,003	0,310	0,000	0,013	0,011	FALSE
-0,098	0,304	-0,003	0,011	0,119	FALSE
0,052	0,314	0,002	0,012	0,059	FALSE
-0,052	0,311	-0,003	0,012	0,087	FALSE
0,022	0,312	0,000	0,010	0,018	FALSE
-0,078	0,298	-0,002	0,006	0,102	FALSE
0,008	0,324	0,000	0,007	0,013	FALSE
0,017	0,304	0,000	0,008	0,010	FALSE
0,046	0,302	0,000	0,009	0,015	FALSE
-0,059	0,318	-0,002	0,011	0,070	FALSE
0,034	0,296	0,001	0,008	0,055	FALSE
0,026	0,308	0,001	0,008	0,041	FALSE
-0,001	0,304	0,000	0,007	0,021	FALSE
0,024	0,290	0,001	0,009	0,027	FALSE
-0,033	0,310	-0,001	0,007	0,042	FALSE
0,009	0,306	0,001	0,009	0,037	FALSE
-0,113	0,305	-0,005	0,011	0,184	FALSE
-0,047	0,308	-0,001	0,006	0,036	FALSE
-0,083	0,301	-0,001	0,006	0,089	FALSE
-0,057	0,298	-0,001	0,007	0,070	FALSE
-0,076	0,291	-0,003	0,011	0,106	FALSE
0,026	0,294	0,001	0,012	0,036	FALSE
0,226	0,305	0,009	0,013	0,338	FALSE
0,028	0,315	0,001	0,007	0,053	FALSE
-0,053	0,300	-0,001	0,012	0,045	FALSE
-0,017	0,325	0,000	0,013	0,004	FALSE
0,059	0,308	0,002	0,008	0,077	FALSE
-0,050	0,317	-0,003	0,013	0,078	FALSE
-0,058	0,304	-0,001	0,007	0,066	FALSE

0,019	0,311	0,001	0,010	0,041	FALSE
0,167	0,314	0,004	0,008	0,219	FALSE
-0,081	0,309	-0,003	0,012	0,108	FALSE
-0,005	0,300	0,000	0,006	0,008	FALSE
-0,050	0,310	-0,001	0,006	0,048	FALSE
-0,074	0,302	-0,001	0,007	0,067	FALSE
0,009	0,307	0,000	0,011	0,015	FALSE
-0,002	0,297	-0,001	0,011	0,022	FALSE
-0,055	0,298	-0,001	0,007	0,061	FALSE
0,050	0,315	0,003	0,013	0,079	FALSE
-0,058	0,319	-0,001	0,009	0,026	FALSE
0,073	0,304	0,003	0,010	0,101	FALSE
-0,136	0,321	-0,006	0,011	0,230	FALSE
0,098	0,313	0,002	0,007	0,109	FALSE
0,105	0,316	0,004	0,013	0,124	FALSE
-0,001	0,314	0,000	0,009	0,014	FALSE
-0,015	0,305	0,000	0,007	0,011	FALSE
0,125	0,295	0,006	0,012	0,201	FALSE
0,038	0,305	0,001	0,007	0,033	FALSE
-0,100	0,308	-0,002	0,008	0,120	FALSE
-0,092	0,293	-0,002	0,008	0,118	FALSE
0,033	0,297	0,001	0,008	0,027	FALSE
0,037	0,319	0,000	0,007	0,014	FALSE
0,002	0,310	0,000	0,010	0,017	FALSE
0,036	0,320	0,001	0,012	0,036	FALSE
0,092	0,306	0,004	0,012	0,129	FALSE
0,062	0,304	0,001	0,009	0,056	FALSE
-0,042	0,313	-0,002	0,011	0,063	FALSE
0,021	0,319	0,000	0,011	0,004	FALSE
-0,065	0,314	-0,002	0,008	0,113	FALSE
0,050	0,320	0,000	0,008	0,012	FALSE
-0,052	0,310	-0,001	0,012	0,040	FALSE
0,038	0,319	0,001	0,007	0,029	FALSE
0,069	0,289	0,004	0,012	0,148	FALSE
-0,009	0,303	0,000	0,007	0,006	FALSE
0,034	0,309	0,002	0,012	0,054	FALSE
-0,052	0,304	-0,001	0,007	0,072	FALSE
-0,036	0,310	-0,001	0,007	0,062	FALSE
-0,117	0,309	-0,003	0,009	0,151	FALSE
0,000	0,305	0,000	0,007	0,001	FALSE
-0,063	0,309	-0,001	0,006	0,084	FALSE
-0,024	0,295	0,000	0,006	0,024	FALSE
0,095	0,317	0,002	0,007	0,103	FALSE
-0,120	0,315	-0,004	0,010	0,174	FALSE
-0,112	0,315	-0,002	0,007	0,149	FALSE
0,020	0,306	0,001	0,007	0,041	FALSE
-0,081	0,298	-0,003	0,008	0,117	FALSE
0,024	0,311	0,001	0,007	0,027	FALSE
0,067	0,298	0,002	0,008	0,077	FALSE
0,010	0,294	0,000	0,012	0,003	FALSE
-0,112	0,309	-0,002	0,007	0,118	FALSE
-0,120	0,299	-0,004	0,009	0,186	FALSE
-0,136	0,312	-0,004	0,009	0,160	FALSE

-0,053	0,303	-0,002	0,009	0,064	FALSE
-0,008	0,312	-0,001	0,009	0,037	FALSE
0,001	0,288	0,000	0,012	0,004	FALSE
-0,008	0,308	0,000	0,013	0,005	FALSE
-0,021	0,309	-0,001	0,009	0,038	FALSE
-0,004	0,301	0,000	0,007	0,001	FALSE
-0,092	0,314	-0,003	0,009	0,103	FALSE
0,067	0,297	0,001	0,009	0,051	FALSE
0,061	0,303	0,001	0,009	0,036	FALSE
-0,143	0,304	-0,003	0,007	0,179	FALSE
0,114	0,307	0,004	0,013	0,132	FALSE
-0,044	0,306	-0,002	0,011	0,071	FALSE
-0,036	0,314	-0,001	0,008	0,068	FALSE
0,048	0,298	0,002	0,008	0,080	FALSE
-0,112	0,304	-0,004	0,010	0,183	FALSE
-0,038	0,315	-0,001	0,012	0,030	FALSE
0,087	0,320	0,002	0,007	0,117	FALSE
-0,014	0,308	-0,001	0,007	0,039	FALSE
0,139	0,300	0,003	0,006	0,220	FALSE
-0,005	0,310	-0,001	0,009	0,049	FALSE
-0,038	0,297	-0,003	0,013	0,076	FALSE
-0,013	0,309	0,000	0,012	0,002	FALSE
0,028	0,307	0,001	0,008	0,065	FALSE
-0,026	0,312	-0,001	0,010	0,041	FALSE
0,055	0,314	0,002	0,007	0,082	FALSE
-0,004	0,300	0,001	0,012	0,023	FALSE
0,080	0,312	0,003	0,011	0,098	FALSE
-0,054	0,302	-0,001	0,012	0,039	FALSE
0,029	0,305	0,001	0,011	0,046	FALSE
0,105	0,312	0,003	0,011	0,117	FALSE
-0,073	0,321	-0,002	0,009	0,102	FALSE
-0,109	0,299	-0,004	0,010	0,160	FALSE
-0,100	0,305	-0,003	0,012	0,102	FALSE
-0,014	0,315	0,000	0,013	0,013	FALSE
0,083	0,303	0,003	0,008	0,131	FALSE
0,034	0,307	0,001	0,008	0,039	FALSE
-0,120	0,313	-0,004	0,009	0,172	FALSE
0,005	0,294	0,001	0,008	0,036	FALSE
-0,002	0,294	0,000	0,008	0,015	FALSE
-0,093	0,308	-0,004	0,012	0,144	FALSE
-0,008	0,301	-0,001	0,006	0,031	FALSE
0,042	0,295	0,001	0,010	0,055	FALSE
0,162	0,317	0,007	0,013	0,226	FALSE
-0,130	0,313	-0,004	0,009	0,174	FALSE
0,059	0,293	0,002	0,012	0,054	FALSE
-0,040	0,308	-0,001	0,007	0,030	FALSE
-0,011	0,318	-0,001	0,010	0,019	FALSE
-0,088	0,316	-0,003	0,011	0,110	FALSE
-0,104	0,313	-0,003	0,008	0,160	FALSE
0,083	0,314	0,001	0,007	0,083	FALSE
0,060	0,300	0,002	0,007	0,112	FALSE
-0,070	0,308	-0,002	0,007	0,107	FALSE
-0,043	0,319	-0,001	0,012	0,040	FALSE

-0,013	0,304	-0,001	0,006	0,034	FALSE
0,134	0,308	0,006	0,012	0,203	FALSE
-0,096	0,307	-0,003	0,012	0,090	FALSE
-0,053	0,299	-0,002	0,008	0,079	FALSE
0,003	0,306	0,000	0,008	0,007	FALSE
0,047	0,319	0,001	0,007	0,061	FALSE
-0,092	0,291	-0,003	0,007	0,144	FALSE
-0,128	0,307	-0,004	0,008	0,197	FALSE
0,005	0,318	0,000	0,007	0,014	FALSE
0,052	0,310	0,001	0,006	0,031	FALSE
-0,049	0,312	-0,002	0,011	0,057	FALSE
-0,047	0,291	-0,001	0,008	0,045	FALSE
0,048	0,305	0,001	0,007	0,083	FALSE
0,016	0,307	0,001	0,010	0,018	FALSE
-0,005	0,297	0,000	0,007	0,006	FALSE
-0,009	0,316	-0,001	0,013	0,022	FALSE
-0,048	0,306	-0,002	0,010	0,069	FALSE
0,120	0,301	0,003	0,006	0,187	FALSE
0,100	0,309	0,002	0,009	0,100	FALSE
0,002	0,297	0,001	0,008	0,027	FALSE
0,045	0,312	0,001	0,008	0,045	FALSE
0,014	0,309	0,001	0,008	0,041	FALSE
-0,060	0,307	-0,002	0,011	0,062	FALSE
0,012	0,304	0,001	0,007	0,028	FALSE
-0,027	0,312	-0,001	0,008	0,039	FALSE
0,115	0,309	0,002	0,006	0,142	FALSE
0,067	0,308	0,002	0,007	0,091	FALSE
-0,148	0,313	-0,004	0,009	0,204	FALSE
-0,046	0,308	-0,001	0,008	0,069	FALSE
0,007	0,316	0,000	0,006	0,021	FALSE
0,003	0,297	0,001	0,006	0,043	FALSE
-0,117	0,295	-0,003	0,007	0,145	FALSE
0,067	0,314	0,001	0,006	0,078	FALSE
-0,040	0,293	-0,002	0,007	0,083	FALSE
0,028	0,305	0,000	0,012	0,002	FALSE
0,025	0,308	0,001	0,008	0,055	FALSE
-0,143	0,312	-0,003	0,007	0,194	FALSE
0,160	0,303	0,004	0,007	0,243	FALSE
-0,065	0,295	-0,001	0,008	0,055	FALSE
0,004	0,305	0,000	0,010	0,003	FALSE
-0,171	0,306	-0,006	0,009	0,273	FALSE
-0,041	0,298	-0,001	0,007	0,055	FALSE
-0,081	0,312	-0,002	0,008	0,108	FALSE
-0,118	0,310	-0,006	0,012	0,190	FALSE
0,038	0,293	0,001	0,010	0,021	FALSE
0,123	0,311	0,005	0,013	0,158	FALSE
-0,052	0,308	-0,002	0,011	0,066	FALSE
-0,027	0,313	-0,001	0,007	0,058	FALSE
0,011	0,290	0,000	0,011	0,013	FALSE
0,009	0,312	0,000	0,012	0,005	FALSE
-0,047	0,303	-0,002	0,009	0,076	FALSE
-0,003	0,324	0,000	0,010	0,016	FALSE
-0,013	0,306	0,000	0,011	0,015	FALSE

-0,013	0,308	-0,001	0,007	0,030	FALSE
0,078	0,322	0,002	0,007	0,097	FALSE
-0,029	0,297	-0,002	0,010	0,061	FALSE
-0,167	0,313	-0,005	0,009	0,230	FALSE
-0,013	0,309	0,000	0,011	0,003	FALSE
0,014	0,323	0,000	0,012	0,006	FALSE
0,046	0,312	0,001	0,007	0,055	FALSE
-0,037	0,307	-0,001	0,010	0,050	FALSE
0,037	0,315	0,001	0,011	0,032	FALSE
0,082	0,303	0,003	0,011	0,121	FALSE
0,153	0,300	0,003	0,006	0,225	FALSE
0,051	0,298	0,002	0,012	0,058	FALSE
-0,040	0,308	-0,001	0,006	0,035	FALSE
-0,129	0,302	-0,005	0,011	0,176	FALSE
-0,171	0,306	-0,005	0,010	0,240	FALSE
0,097	0,308	0,002	0,008	0,107	FALSE
-0,049	0,315	-0,002	0,013	0,058	FALSE
-0,066	0,317	-0,003	0,012	0,088	FALSE
0,084	0,319	0,003	0,012	0,094	FALSE
0,022	0,315	0,001	0,008	0,050	FALSE
0,051	0,306	0,002	0,011	0,064	FALSE
-0,105	0,306	-0,003	0,009	0,151	FALSE
0,116	0,320	0,004	0,011	0,158	FALSE
-0,099	0,311	-0,002	0,006	0,140	FALSE
-0,013	0,313	0,000	0,006	0,003	FALSE
0,003	0,305	0,000	0,006	0,005	FALSE
-0,071	0,309	-0,002	0,009	0,100	FALSE
0,033	0,308	0,000	0,010	0,010	FALSE
0,002	0,309	0,000	0,007	0,006	FALSE
-0,152	0,306	-0,004	0,008	0,222	FALSE
-0,076	0,306	-0,003	0,012	0,089	FALSE
0,021	0,313	0,002	0,012	0,050	FALSE
0,047	0,326	0,000	0,007	0,019	FALSE
-0,124	0,304	-0,003	0,007	0,187	FALSE
0,032	0,303	0,000	0,010	0,006	FALSE
-0,007	0,316	0,000	0,013	0,004	FALSE
-0,035	0,305	-0,001	0,009	0,044	FALSE
0,007	0,308	-0,001	0,009	0,028	FALSE
0,063	0,311	0,002	0,012	0,060	FALSE
-0,054	0,304	-0,001	0,010	0,039	FALSE
0,028	0,286	0,000	0,008	0,011	FALSE
0,042	0,319	0,001	0,011	0,023	FALSE
-0,013	0,298	-0,001	0,012	0,020	FALSE
-0,136	0,294	-0,005	0,010	0,195	FALSE
-0,119	0,290	-0,005	0,011	0,175	FALSE
-0,103	0,306	-0,003	0,009	0,149	FALSE
-0,107	0,305	-0,004	0,008	0,173	FALSE
0,101	0,292	0,003	0,006	0,170	FALSE
0,116	0,302	0,004	0,008	0,201	FALSE
0,083	0,292	0,002	0,007	0,114	FALSE
-0,038	0,313	-0,001	0,009	0,060	FALSE
-0,008	0,299	0,000	0,012	0,013	FALSE
-0,098	0,311	-0,003	0,012	0,107	FALSE

-0,029	0,310	-0,001	0,010	0,040	FALSE
0,052	0,310	0,002	0,008	0,084	FALSE
0,110	0,304	0,003	0,009	0,149	FALSE
0,117	0,288	0,003	0,006	0,226	FALSE
-0,010	0,298	0,000	0,012	0,008	FALSE
0,018	0,308	0,000	0,009	0,006	FALSE
-0,026	0,308	-0,001	0,011	0,049	FALSE
-0,075	0,309	-0,001	0,009	0,049	FALSE
-0,232	0,310	-0,011	0,013	0,386	FALSE
-0,021	0,307	-0,001	0,008	0,029	FALSE
-0,015	0,304	0,000	0,009	0,005	FALSE
0,022	0,307	0,001	0,007	0,039	FALSE
-0,022	0,303	-0,001	0,012	0,026	FALSE
-0,054	0,299	-0,001	0,007	0,072	FALSE
-0,043	0,305	-0,001	0,006	0,041	FALSE
-0,025	0,302	-0,001	0,010	0,022	FALSE
-0,070	0,313	-0,001	0,007	0,057	FALSE
0,060	0,295	0,001	0,008	0,063	FALSE
-0,034	0,320	-0,001	0,013	0,035	FALSE
0,019	0,308	0,000	0,012	0,000	FALSE
0,001	0,317	-0,001	0,013	0,015	FALSE
-0,002	0,316	-0,001	0,013	0,023	FALSE
-0,032	0,304	0,000	0,007	0,012	FALSE
0,012	0,316	0,001	0,013	0,035	FALSE
-0,028	0,315	0,000	0,012	0,013	FALSE
0,064	0,305	0,002	0,012	0,064	FALSE
-0,037	0,311	-0,002	0,012	0,052	FALSE
-0,074	0,313	-0,003	0,011	0,098	FALSE
-0,101	0,304	-0,002	0,007	0,123	FALSE
0,001	0,299	0,001	0,007	0,053	FALSE
-0,012	0,305	-0,001	0,008	0,039	FALSE
-0,026	0,310	-0,001	0,008	0,036	FALSE
-0,076	0,293	-0,002	0,007	0,096	FALSE
-0,077	0,317	-0,003	0,009	0,123	FALSE
0,111	0,304	0,003	0,010	0,135	FALSE
-0,065	0,312	-0,002	0,007	0,090	FALSE
0,018	0,306	0,001	0,012	0,024	FALSE
-0,113	0,306	-0,002	0,007	0,135	FALSE
0,099	0,302	0,002	0,008	0,128	FALSE
-0,103	0,325	-0,002	0,007	0,112	FALSE
0,104	0,301	0,002	0,007	0,121	FALSE
0,031	0,326	0,001	0,012	0,036	FALSE
0,172	0,295	0,003	0,007	0,214	FALSE
0,039	0,303	0,001	0,007	0,046	FALSE
0,131	0,299	0,006	0,012	0,203	FALSE
0,080	0,313	0,002	0,008	0,100	FALSE
0,113	0,323	0,003	0,009	0,144	FALSE
-0,078	0,304	-0,002	0,009	0,075	FALSE
-0,089	0,324	-0,002	0,011	0,085	FALSE
0,057	0,314	0,002	0,011	0,085	FALSE
-0,067	0,295	-0,002	0,008	0,108	FALSE
0,030	0,314	0,000	0,009	0,014	FALSE
0,002	0,315	-0,001	0,009	0,020	FALSE

0,038	0,313	0,000	0,007	0,014	FALSE
0,023	0,316	0,000	0,007	0,006	FALSE
0,008	0,312	0,000	0,007	0,008	FALSE
0,035	0,313	0,001	0,008	0,047	FALSE
-0,005	0,303	-0,001	0,011	0,023	FALSE
0,031	0,304	0,001	0,007	0,031	FALSE
-0,008	0,285	0,000	0,006	0,018	FALSE
-0,014	0,295	0,000	0,010	0,005	FALSE
0,047	0,312	0,002	0,012	0,058	FALSE
0,046	0,315	0,001	0,011	0,043	FALSE
-0,057	0,302	-0,002	0,011	0,062	FALSE
0,081	0,303	0,002	0,009	0,083	FALSE
-0,075	0,314	-0,002	0,012	0,078	FALSE
-0,060	0,315	-0,002	0,012	0,076	FALSE
-0,056	0,314	-0,002	0,011	0,072	FALSE
-0,148	0,310	-0,004	0,007	0,221	FALSE
0,018	0,316	0,001	0,009	0,028	FALSE
0,034	0,288	0,001	0,010	0,026	FALSE
0,090	0,309	0,002	0,007	0,128	FALSE
-0,046	0,309	-0,001	0,006	0,045	FALSE
0,088	0,320	0,003	0,011	0,105	FALSE
0,016	0,305	0,000	0,011	0,012	FALSE
0,019	0,307	0,000	0,008	0,004	FALSE
-0,024	0,311	-0,001	0,007	0,045	FALSE
-0,001	0,313	0,000	0,010	0,008	FALSE
-0,064	0,316	-0,002	0,012	0,067	FALSE
0,005	0,295	0,001	0,010	0,042	FALSE
0,045	0,306	0,002	0,008	0,074	FALSE
0,132	0,312	0,004	0,009	0,162	FALSE
-0,121	0,305	-0,004	0,012	0,122	FALSE
0,015	0,313	0,001	0,007	0,034	FALSE
0,015	0,302	0,001	0,008	0,034	FALSE
0,023	0,307	0,001	0,010	0,045	FALSE
-0,029	0,317	-0,001	0,007	0,049	FALSE
-0,014	0,307	0,000	0,007	0,006	FALSE
0,083	0,305	0,003	0,010	0,101	FALSE
0,037	0,305	0,001	0,008	0,057	FALSE
-0,089	0,312	-0,003	0,008	0,134	FALSE
-0,020	0,308	0,000	0,012	0,000	FALSE
0,084	0,309	0,002	0,007	0,086	FALSE
-0,040	0,326	-0,001	0,011	0,034	FALSE
0,042	0,316	0,002	0,008	0,091	FALSE
0,162	0,305	0,006	0,011	0,237	FALSE
0,124	0,301	0,003	0,007	0,170	FALSE
0,054	0,296	0,003	0,012	0,089	FALSE
-0,065	0,297	-0,001	0,006	0,085	FALSE
0,004	0,314	0,000	0,007	0,006	FALSE
0,124	0,300	0,003	0,007	0,168	FALSE
-0,078	0,305	-0,004	0,012	0,122	FALSE
-0,149	0,298	-0,003	0,007	0,184	FALSE
0,152	0,283	0,005	0,012	0,178	FALSE
-0,076	0,287	-0,001	0,006	0,075	FALSE
-0,023	0,302	-0,001	0,006	0,030	FALSE

0,067	0,305	0,001	0,007	0,066	FALSE
-0,075	0,312	-0,002	0,007	0,082	FALSE
-0,068	0,305	-0,001	0,009	0,052	FALSE
-0,168	0,297	-0,004	0,007	0,245	FALSE
0,032	0,302	0,001	0,008	0,026	FALSE
-0,082	0,306	-0,002	0,008	0,076	FALSE
0,030	0,303	0,001	0,007	0,069	FALSE
0,054	0,301	0,003	0,012	0,082	FALSE
0,019	0,320	0,000	0,007	0,017	FALSE
-0,076	0,310	-0,002	0,012	0,077	FALSE
0,058	0,303	0,001	0,008	0,066	FALSE
-0,032	0,309	-0,002	0,012	0,076	FALSE
-0,014	0,309	0,000	0,012	0,004	FALSE
0,098	0,315	0,003	0,008	0,144	FALSE
0,024	0,299	0,000	0,007	0,020	FALSE
-0,039	0,288	-0,001	0,008	0,036	FALSE
0,015	0,303	0,000	0,010	0,006	FALSE
-0,068	0,300	-0,001	0,007	0,074	FALSE
-0,052	0,310	-0,002	0,007	0,086	FALSE
-0,060	0,299	-0,002	0,010	0,076	FALSE
-0,068	0,303	-0,001	0,006	0,061	FALSE
0,033	0,323	0,001	0,007	0,035	FALSE
0,046	0,305	0,002	0,013	0,050	FALSE
-0,043	0,311	-0,001	0,007	0,047	FALSE
-0,066	0,312	-0,002	0,010	0,091	FALSE
0,035	0,306	0,001	0,009	0,051	FALSE
-0,054	0,302	-0,001	0,006	0,080	FALSE
0,043	0,310	0,002	0,009	0,080	FALSE
-0,019	0,303	-0,001	0,007	0,039	FALSE
0,064	0,318	0,001	0,007	0,070	FALSE
0,047	0,306	0,001	0,008	0,059	FALSE
0,029	0,316	0,000	0,006	0,023	FALSE
0,037	0,300	0,001	0,007	0,038	FALSE
0,008	0,290	0,000	0,006	0,016	FALSE
0,172	0,300	0,005	0,009	0,228	FALSE
0,117	0,302	0,006	0,012	0,206	FALSE
0,134	0,304	0,007	0,012	0,222	FALSE
-0,140	0,312	-0,006	0,012	0,214	FALSE
0,046	0,302	0,001	0,010	0,034	FALSE
-0,077	0,296	-0,002	0,007	0,107	FALSE
-0,023	0,324	-0,001	0,011	0,036	FALSE
-0,054	0,314	-0,002	0,008	0,075	FALSE
0,102	0,310	0,003	0,012	0,103	FALSE
0,168	0,285	0,008	0,012	0,294	FALSE
-0,076	0,304	-0,003	0,011	0,117	FALSE
-0,073	0,301	-0,002	0,008	0,120	FALSE
-0,083	0,307	-0,002	0,006	0,134	FALSE
-0,067	0,300	-0,002	0,006	0,128	FALSE
-0,072	0,313	-0,002	0,007	0,094	FALSE
-0,070	0,308	-0,002	0,006	0,116	FALSE
-0,079	0,316	-0,002	0,007	0,117	FALSE
-0,035	0,313	-0,001	0,009	0,046	FALSE
-0,085	0,309	-0,002	0,007	0,116	FALSE

0,110	0,306	0,002	0,006	0,120	FALSE
0,048	0,301	0,001	0,007	0,032	FALSE
-0,068	0,314	-0,003	0,012	0,101	FALSE
-0,032	0,314	-0,001	0,012	0,017	FALSE
-0,084	0,301	-0,004	0,012	0,125	FALSE
-0,041	0,304	-0,001	0,007	0,073	FALSE
0,005	0,305	0,000	0,007	0,016	FALSE
-0,070	0,305	-0,001	0,006	0,085	FALSE
0,106	0,294	0,004	0,012	0,130	FALSE
0,033	0,324	0,001	0,012	0,036	FALSE
0,053	0,316	0,002	0,012	0,050	FALSE
0,085	0,311	0,003	0,012	0,096	FALSE
0,065	0,309	0,002	0,012	0,062	FALSE
0,053	0,317	0,002	0,012	0,057	FALSE
0,056	0,305	0,002	0,012	0,062	FALSE
0,137	0,298	0,003	0,007	0,205	FALSE
-0,025	0,310	-0,001	0,007	0,044	FALSE
-0,060	0,309	-0,002	0,012	0,057	FALSE
-0,046	0,297	-0,001	0,011	0,024	FALSE
-0,091	0,322	-0,003	0,012	0,108	FALSE
0,005	0,303	0,000	0,011	0,011	FALSE
-0,098	0,300	-0,002	0,007	0,135	FALSE
-0,073	0,308	-0,003	0,009	0,130	FALSE
-0,079	0,308	-0,002	0,007	0,112	FALSE
-0,035	0,316	-0,002	0,012	0,057	FALSE
0,025	0,312	0,001	0,010	0,028	FALSE
-0,075	0,321	-0,002	0,008	0,089	FALSE
0,108	0,311	0,002	0,010	0,095	FALSE
0,116	0,303	0,003	0,009	0,155	FALSE
0,068	0,308	0,002	0,009	0,100	FALSE
-0,122	0,288	-0,005	0,012	0,183	FALSE
0,018	0,307	0,000	0,006	0,017	FALSE
-0,119	0,294	-0,004	0,011	0,157	FALSE
-0,071	0,305	-0,001	0,007	0,075	FALSE
0,057	0,306	0,002	0,012	0,064	FALSE
0,051	0,310	0,002	0,012	0,050	FALSE
-0,133	0,319	-0,004	0,009	0,158	FALSE
0,016	0,302	0,001	0,009	0,045	FALSE
-0,022	0,315	-0,001	0,010	0,036	FALSE
0,074	0,314	0,003	0,009	0,119	FALSE
-0,088	0,306	-0,004	0,013	0,139	FALSE
0,007	0,321	0,000	0,009	0,002	FALSE
-0,008	0,317	0,000	0,009	0,012	FALSE
0,010	0,304	0,000	0,007	0,008	FALSE
0,004	0,293	-0,001	0,012	0,046	FALSE
-0,072	0,306	-0,002	0,008	0,101	FALSE
-0,023	0,300	-0,001	0,010	0,019	FALSE
-0,037	0,314	-0,001	0,012	0,041	FALSE
-0,013	0,322	0,000	0,008	0,019	FALSE
0,122	0,314	0,003	0,009	0,143	FALSE
-0,077	0,313	-0,003	0,012	0,089	FALSE
-0,090	0,305	-0,003	0,008	0,127	FALSE
0,051	0,303	0,001	0,006	0,071	FALSE

-0,082	0,312	-0,003	0,012	0,101	FALSE
0,023	0,308	0,001	0,009	0,043	FALSE
-0,010	0,307	0,000	0,007	0,020	FALSE
-0,100	0,307	-0,003	0,011	0,117	FALSE
0,069	0,307	0,003	0,009	0,123	FALSE
0,097	0,295	0,003	0,008	0,171	FALSE
0,049	0,308	0,001	0,009	0,052	FALSE
-0,037	0,301	-0,002	0,012	0,066	FALSE
-0,126	0,302	-0,005	0,012	0,170	FALSE
0,089	0,310	0,003	0,010	0,120	FALSE
-0,073	0,316	-0,003	0,012	0,081	FALSE
0,152	0,318	0,003	0,008	0,169	FALSE
0,019	0,312	0,001	0,011	0,016	FALSE
-0,033	0,318	-0,001	0,006	0,038	FALSE
-0,021	0,312	0,000	0,009	0,009	FALSE
0,046	0,303	0,001	0,008	0,066	FALSE
-0,078	0,298	-0,002	0,007	0,103	FALSE
0,015	0,308	0,000	0,011	0,009	FALSE
0,033	0,299	0,001	0,006	0,047	FALSE
0,044	0,315	0,001	0,007	0,060	FALSE
0,048	0,286	0,002	0,007	0,091	FALSE
0,148	0,302	0,003	0,007	0,185	FALSE
-0,161	0,316	-0,005	0,009	0,207	FALSE
0,105	0,299	0,003	0,007	0,152	FALSE
-0,120	0,307	-0,005	0,013	0,176	FALSE
-0,166	0,301	-0,003	0,007	0,225	FALSE
0,126	0,296	0,006	0,012	0,223	FALSE
-0,016	0,305	-0,001	0,008	0,027	FALSE
-0,031	0,307	-0,001	0,011	0,049	FALSE
0,094	0,302	0,003	0,007	0,140	FALSE
-0,148	0,315	-0,005	0,009	0,216	FALSE
-0,041	0,305	-0,001	0,007	0,037	FALSE
-0,113	0,316	-0,004	0,009	0,177	FALSE
-0,071	0,311	-0,003	0,010	0,122	FALSE
0,069	0,300	0,003	0,010	0,104	FALSE
0,090	0,315	0,002	0,007	0,123	FALSE
0,073	0,306	0,003	0,009	0,112	FALSE
0,027	0,311	0,000	0,007	0,013	FALSE
0,024	0,296	0,000	0,006	0,005	FALSE
0,069	0,302	0,002	0,006	0,103	FALSE
0,028	0,314	0,002	0,012	0,056	FALSE
0,113	0,317	0,003	0,009	0,145	FALSE
-0,063	0,316	-0,002	0,010	0,090	FALSE
-0,071	0,307	-0,002	0,007	0,103	FALSE
-0,022	0,310	-0,001	0,010	0,022	FALSE
-0,013	0,301	0,000	0,009	0,014	FALSE
-0,069	0,324	-0,002	0,008	0,078	FALSE
0,037	0,309	0,002	0,010	0,064	FALSE
-0,034	0,298	-0,001	0,009	0,045	FALSE
0,040	0,286	0,001	0,011	0,049	FALSE
0,084	0,299	0,003	0,010	0,104	FALSE
-0,059	0,322	-0,001	0,007	0,063	FALSE
0,020	0,297	0,001	0,010	0,040	FALSE

-0,057	0,307	-0,001	0,009	0,056	FALSE
-0,052	0,302	-0,002	0,011	0,073	FALSE
0,048	0,299	0,001	0,007	0,041	FALSE
-0,087	0,295	-0,002	0,007	0,113	FALSE
0,136	0,295	0,006	0,012	0,202	FALSE
-0,013	0,302	0,001	0,009	0,025	FALSE
-0,039	0,302	-0,001	0,007	0,038	FALSE
-0,028	0,301	-0,002	0,011	0,070	FALSE
0,020	0,287	0,001	0,011	0,018	FALSE
0,138	0,301	0,004	0,007	0,221	FALSE
-0,058	0,295	-0,001	0,007	0,056	FALSE
0,115	0,306	0,003	0,008	0,154	FALSE
-0,022	0,292	-0,001	0,009	0,055	FALSE
0,052	0,310	0,003	0,013	0,079	FALSE
-0,042	0,308	-0,002	0,008	0,071	FALSE
-0,064	0,310	-0,003	0,012	0,101	FALSE
-0,060	0,308	-0,003	0,012	0,111	FALSE
0,063	0,301	0,002	0,011	0,073	FALSE
0,002	0,304	0,000	0,009	0,010	FALSE
0,089	0,314	0,004	0,012	0,121	FALSE
0,119	0,283	0,006	0,012	0,225	FALSE
-0,100	0,304	-0,004	0,008	0,183	FALSE
-0,108	0,295	-0,006	0,012	0,198	FALSE
-0,089	0,304	-0,005	0,012	0,162	FALSE
-0,125	0,301	-0,005	0,013	0,173	FALSE
-0,014	0,298	-0,001	0,011	0,028	FALSE
0,004	0,295	0,000	0,011	0,001	FALSE
-0,138	0,312	-0,004	0,010	0,175	FALSE
0,036	0,316	0,001	0,008	0,038	FALSE
0,047	0,297	0,001	0,007	0,056	FALSE
0,012	0,308	0,000	0,009	0,009	FALSE
-0,117	0,320	-0,002	0,007	0,137	FALSE
-0,068	0,316	-0,002	0,012	0,074	FALSE
-0,096	0,316	-0,002	0,006	0,113	FALSE
-0,110	0,323	-0,002	0,006	0,124	FALSE
0,047	0,302	0,002	0,009	0,063	FALSE
0,070	0,300	0,003	0,008	0,119	FALSE
-0,076	0,312	-0,002	0,008	0,104	FALSE
-0,141	0,282	-0,004	0,008	0,223	FALSE
0,165	0,298	0,005	0,008	0,269	FALSE
-0,017	0,306	-0,001	0,009	0,041	FALSE
0,005	0,303	0,000	0,007	0,016	FALSE
0,034	0,316	0,001	0,009	0,044	FALSE
-0,019	0,305	-0,001	0,011	0,041	FALSE
0,022	0,311	0,000	0,011	0,007	FALSE
-0,068	0,312	-0,002	0,006	0,094	FALSE
0,089	0,304	0,003	0,008	0,147	FALSE
-0,111	0,296	-0,002	0,007	0,151	FALSE
-0,006	0,314	-0,001	0,012	0,039	FALSE
-0,059	0,309	-0,002	0,011	0,069	FALSE
0,026	0,293	0,000	0,010	0,013	FALSE
-0,060	0,315	-0,002	0,010	0,089	FALSE
-0,008	0,306	0,000	0,012	0,007	FALSE

0,090	0,316	0,004	0,013	0,114	FALSE
-0,086	0,312	-0,004	0,013	0,132	FALSE
-0,158	0,300	-0,003	0,006	0,204	FALSE
0,049	0,307	0,002	0,010	0,068	FALSE
0,036	0,297	0,001	0,009	0,048	FALSE
0,092	0,316	0,001	0,006	0,058	FALSE
-0,108	0,312	-0,002	0,006	0,143	FALSE
0,091	0,317	0,004	0,012	0,132	FALSE
-0,200	0,302	-0,006	0,009	0,276	FALSE
0,015	0,305	0,001	0,012	0,018	FALSE
0,076	0,306	0,003	0,010	0,099	FALSE
-0,066	0,299	-0,001	0,008	0,066	FALSE
0,033	0,310	0,001	0,008	0,028	FALSE
0,005	0,315	0,000	0,009	0,005	FALSE
-0,038	0,315	-0,001	0,013	0,029	FALSE
0,055	0,298	0,002	0,007	0,094	FALSE
-0,004	0,299	0,000	0,011	0,014	FALSE
-0,031	0,295	0,000	0,010	0,012	FALSE
0,059	0,309	0,001	0,006	0,088	FALSE
-0,049	0,303	-0,001	0,008	0,049	FALSE
0,050	0,303	0,002	0,007	0,089	FALSE
-0,103	0,301	-0,003	0,008	0,159	FALSE
-0,072	0,313	-0,003	0,011	0,097	FALSE
0,068	0,296	0,002	0,006	0,110	FALSE
-0,048	0,306	-0,001	0,010	0,039	FALSE
-0,015	0,312	0,000	0,011	0,010	FALSE
0,054	0,283	0,001	0,009	0,057	FALSE
-0,027	0,318	0,000	0,007	0,007	FALSE
0,098	0,292	0,003	0,007	0,157	FALSE
0,138	0,299	0,003	0,006	0,209	FALSE
-0,014	0,307	-0,001	0,010	0,021	FALSE
0,007	0,312	0,000	0,012	0,001	FALSE
-0,094	0,304	-0,003	0,008	0,137	FALSE
0,094	0,309	0,002	0,008	0,093	FALSE
0,024	0,307	0,000	0,010	0,012	FALSE
-0,016	0,302	-0,001	0,010	0,022	FALSE
0,022	0,302	0,001	0,009	0,027	FALSE
-0,031	0,305	-0,001	0,007	0,046	FALSE
0,047	0,308	0,002	0,008	0,069	FALSE
-0,084	0,311	-0,004	0,012	0,114	FALSE
-0,085	0,308	-0,002	0,009	0,106	FALSE
-0,033	0,317	-0,001	0,008	0,040	FALSE
-0,055	0,308	-0,001	0,007	0,066	FALSE
-0,128	0,291	-0,005	0,012	0,157	FALSE
-0,072	0,303	-0,002	0,007	0,116	FALSE
0,079	0,303	0,002	0,010	0,090	FALSE
0,081	0,315	0,003	0,012	0,090	FALSE
0,035	0,309	0,001	0,012	0,017	FALSE
0,110	0,313	0,004	0,010	0,165	FALSE
0,110	0,314	0,003	0,010	0,137	FALSE
-0,158	0,299	-0,007	0,012	0,238	FALSE
0,181	0,302	0,006	0,010	0,287	FALSE
0,097	0,306	0,002	0,006	0,147	FALSE

0,016	0,318	0,001	0,009	0,026	FALSE
-0,138	0,309	-0,005	0,009	0,217	FALSE
-0,084	0,314	-0,003	0,009	0,143	FALSE
-0,132	0,305	-0,006	0,012	0,206	FALSE
0,021	0,311	0,000	0,010	0,008	FALSE
0,107	0,309	0,004	0,009	0,152	FALSE
0,264	0,300	0,009	0,010	0,453	FALSE
0,056	0,294	0,001	0,010	0,022	FALSE
0,071	0,303	0,002	0,007	0,141	FALSE
0,064	0,300	0,002	0,006	0,126	FALSE
0,096	0,300	0,003	0,008	0,166	FALSE
-0,017	0,314	-0,001	0,013	0,039	FALSE
-0,031	0,308	-0,002	0,013	0,063	FALSE
0,154	0,307	0,004	0,009	0,191	FALSE
0,044	0,304	0,001	0,007	0,075	FALSE
0,023	0,299	0,000	0,007	0,022	FALSE
-0,104	0,306	-0,005	0,011	0,171	FALSE
-0,072	0,304	-0,002	0,007	0,124	FALSE
-0,093	0,309	-0,004	0,012	0,134	FALSE
0,027	0,308	0,000	0,010	0,000	FALSE
-0,062	0,307	-0,002	0,009	0,086	FALSE
0,012	0,314	0,001	0,007	0,050	FALSE
-0,012	0,304	0,000	0,007	0,009	FALSE
0,001	0,306	-0,001	0,011	0,016	FALSE
0,079	0,303	0,003	0,009	0,126	FALSE
-0,167	0,307	-0,004	0,007	0,236	FALSE
0,020	0,298	0,000	0,009	0,014	FALSE
-0,065	0,301	-0,003	0,010	0,115	FALSE
0,010	0,305	0,001	0,013	0,038	FALSE
-0,033	0,304	-0,002	0,011	0,051	FALSE
-0,023	0,314	-0,002	0,011	0,053	FALSE
-0,067	0,321	-0,003	0,013	0,077	FALSE
-0,005	0,304	-0,001	0,008	0,028	FALSE
0,092	0,302	0,003	0,007	0,155	FALSE
-0,020	0,297	-0,001	0,009	0,039	FALSE
0,000	0,303	0,000	0,009	0,017	FALSE
0,037	0,312	0,001	0,006	0,062	FALSE
-0,053	0,316	-0,001	0,010	0,054	FALSE
-0,114	0,306	-0,003	0,008	0,157	FALSE
-0,068	0,316	-0,001	0,009	0,058	FALSE
0,058	0,314	0,001	0,011	0,042	FALSE
0,075	0,306	0,003	0,010	0,128	FALSE
0,080	0,312	0,003	0,009	0,128	FALSE
0,127	0,313	0,004	0,009	0,188	FALSE
-0,061	0,307	-0,003	0,013	0,091	FALSE
0,078	0,305	0,002	0,010	0,086	FALSE
-0,129	0,306	-0,004	0,010	0,173	FALSE
-0,016	0,301	0,000	0,012	0,012	FALSE
-0,076	0,310	-0,002	0,011	0,077	FALSE
-0,034	0,312	-0,001	0,011	0,034	FALSE
-0,031	0,318	-0,001	0,009	0,036	FALSE
0,054	0,310	0,002	0,007	0,086	FALSE
-0,073	0,308	-0,001	0,007	0,068	FALSE

-0,037	0,292	-0,001	0,010	0,030	FALSE
0,041	0,316	0,000	0,006	0,007	FALSE
0,039	0,289	0,002	0,011	0,051	FALSE
-0,025	0,315	-0,001	0,008	0,048	FALSE
0,013	0,306	0,000	0,011	0,013	FALSE
0,007	0,314	0,000	0,012	0,005	FALSE
-0,054	0,301	-0,002	0,012	0,067	FALSE
-0,019	0,299	-0,001	0,006	0,028	FALSE
-0,064	0,307	-0,001	0,007	0,084	FALSE
-0,069	0,312	-0,002	0,007	0,096	FALSE
0,118	0,313	0,004	0,009	0,179	FALSE
0,057	0,310	0,002	0,009	0,081	FALSE
-0,021	0,311	-0,001	0,011	0,019	FALSE
-0,037	0,297	-0,001	0,011	0,043	FALSE
-0,105	0,299	-0,004	0,012	0,121	FALSE
0,138	0,312	0,004	0,009	0,180	FALSE
-0,147	0,297	-0,006	0,013	0,200	FALSE
-0,039	0,309	-0,003	0,013	0,076	FALSE
-0,027	0,313	-0,001	0,012	0,024	FALSE
0,039	0,305	0,002	0,013	0,065	FALSE
0,036	0,312	0,001	0,008	0,056	FALSE
-0,010	0,298	-0,001	0,012	0,041	FALSE
-0,015	0,293	-0,002	0,013	0,047	FALSE
-0,037	0,311	-0,002	0,012	0,060	FALSE
-0,019	0,303	-0,001	0,008	0,045	FALSE
-0,057	0,322	-0,003	0,012	0,093	FALSE
-0,012	0,306	-0,002	0,013	0,050	FALSE
-0,002	0,304	-0,001	0,012	0,033	FALSE
0,016	0,322	0,001	0,007	0,044	FALSE
-0,058	0,301	-0,001	0,007	0,075	FALSE
0,201	0,293	0,005	0,007	0,301	FALSE
0,239	0,296	0,006	0,008	0,344	FALSE
0,182	0,301	0,005	0,008	0,253	FALSE
0,118	0,307	0,005	0,012	0,178	FALSE
0,167	0,299	0,004	0,007	0,210	FALSE
-0,123	0,302	-0,005	0,009	0,218	FALSE
0,123	0,296	0,005	0,009	0,221	FALSE
0,004	0,308	0,001	0,011	0,050	FALSE
0,092	0,298	0,003	0,008	0,121	FALSE
-0,100	0,292	-0,004	0,010	0,145	FALSE
0,108	0,312	0,003	0,012	0,091	FALSE
0,101	0,304	0,003	0,009	0,107	FALSE
-0,117	0,301	-0,005	0,013	0,160	FALSE
0,043	0,306	0,001	0,008	0,066	FALSE
-0,151	0,291	-0,005	0,010	0,188	FALSE
0,038	0,302	0,000	0,011	0,006	FALSE
-0,089	0,315	-0,003	0,007	0,153	FALSE
-0,012	0,315	0,001	0,012	0,018	FALSE
0,056	0,306	0,002	0,007	0,100	FALSE
-0,036	0,294	-0,001	0,007	0,070	FALSE
-0,083	0,307	-0,002	0,007	0,127	FALSE
-0,062	0,309	-0,002	0,008	0,094	FALSE
0,102	0,294	0,002	0,007	0,111	FALSE

0,027	0,304	0,001	0,012	0,035	FALSE
-0,089	0,320	-0,001	0,007	0,068	FALSE
-0,008	0,317	0,000	0,011	0,008	FALSE
0,017	0,311	0,000	0,008	0,015	FALSE
-0,022	0,326	-0,001	0,010	0,022	FALSE
-0,052	0,311	-0,002	0,009	0,067	FALSE
-0,010	0,317	0,000	0,007	0,011	FALSE
0,003	0,309	-0,001	0,008	0,026	FALSE
0,091	0,312	0,004	0,012	0,120	FALSE
0,049	0,301	0,002	0,012	0,053	FALSE
0,012	0,331	0,001	0,010	0,018	FALSE
-0,025	0,314	0,000	0,009	0,016	FALSE
0,095	0,301	0,002	0,008	0,120	FALSE
0,047	0,290	0,001	0,011	0,045	FALSE
-0,050	0,307	-0,002	0,011	0,067	FALSE
-0,042	0,312	-0,002	0,012	0,051	FALSE
0,041	0,297	0,001	0,008	0,063	FALSE
-0,019	0,303	-0,001	0,008	0,036	FALSE
0,080	0,297	0,002	0,006	0,126	FALSE
-0,014	0,300	0,000	0,011	0,007	FALSE
-0,040	0,318	-0,001	0,007	0,039	FALSE
0,079	0,300	0,002	0,006	0,146	FALSE
0,091	0,311	0,003	0,011	0,116	FALSE
0,043	0,301	0,003	0,012	0,081	FALSE
-0,097	0,318	-0,002	0,007	0,123	FALSE
-0,030	0,309	-0,001	0,008	0,056	FALSE
-0,058	0,285	-0,003	0,012	0,097	FALSE
-0,050	0,319	-0,001	0,007	0,050	FALSE
-0,019	0,289	-0,001	0,010	0,029	FALSE
0,017	0,313	0,001	0,011	0,030	FALSE
-0,038	0,301	-0,001	0,007	0,072	FALSE
0,097	0,295	0,002	0,007	0,131	FALSE
-0,188	0,307	-0,005	0,008	0,295	FALSE
-0,124	0,290	-0,004	0,008	0,194	FALSE
-0,099	0,299	-0,002	0,006	0,116	FALSE
0,117	0,299	0,003	0,006	0,191	FALSE
0,109	0,312	0,004	0,012	0,134	FALSE
-0,018	0,318	0,000	0,011	0,004	FALSE
0,060	0,305	0,001	0,006	0,082	FALSE
-0,004	0,318	0,000	0,008	0,009	FALSE
0,023	0,310	0,001	0,010	0,028	FALSE
-0,015	0,301	-0,001	0,012	0,021	FALSE
0,002	0,305	0,000	0,010	0,006	FALSE
-0,084	0,287	-0,003	0,010	0,115	FALSE
-0,026	0,310	-0,001	0,008	0,038	FALSE
0,071	0,312	0,001	0,007	0,082	FALSE
-0,006	0,301	0,000	0,007	0,022	FALSE
-0,042	0,311	-0,001	0,007	0,029	FALSE
-0,049	0,308	-0,001	0,006	0,085	FALSE
0,043	0,313	0,001	0,007	0,060	FALSE
-0,061	0,297	-0,002	0,010	0,079	FALSE
0,021	0,296	0,001	0,007	0,042	FALSE
0,076	0,302	0,002	0,007	0,093	FALSE

0,032	0,300	0,001	0,008	0,050	FALSE
0,073	0,297	0,002	0,007	0,091	FALSE
0,005	0,320	0,000	0,009	0,007	FALSE
0,014	0,302	0,001	0,009	0,021	FALSE
0,015	0,280	0,001	0,008	0,034	FALSE
0,054	0,308	0,002	0,013	0,060	FALSE
-0,005	0,312	0,000	0,007	0,011	FALSE
-0,102	0,320	-0,003	0,008	0,135	FALSE
0,144	0,303	0,006	0,010	0,236	FALSE
-0,018	0,316	0,000	0,009	0,019	FALSE
-0,110	0,294	-0,004	0,010	0,162	FALSE
-0,082	0,306	-0,003	0,011	0,109	FALSE
-0,002	0,316	0,001	0,009	0,021	FALSE
-0,005	0,302	0,001	0,010	0,036	FALSE
-0,125	0,311	-0,003	0,007	0,176	FALSE
0,029	0,320	0,001	0,010	0,048	FALSE
-0,106	0,286	-0,005	0,012	0,175	FALSE
-0,095	0,309	-0,004	0,013	0,139	FALSE
0,094	0,309	0,003	0,008	0,164	FALSE
0,087	0,307	0,001	0,007	0,072	FALSE
0,053	0,305	0,001	0,008	0,059	FALSE
0,130	0,299	0,005	0,009	0,222	FALSE
0,055	0,315	0,003	0,012	0,093	FALSE
-0,069	0,318	-0,004	0,012	0,118	FALSE
0,116	0,306	0,005	0,011	0,175	FALSE
0,118	0,294	0,002	0,007	0,131	FALSE
-0,008	0,311	-0,001	0,010	0,036	FALSE
0,006	0,316	0,000	0,010	0,003	FALSE
-0,037	0,301	-0,001	0,010	0,049	FALSE
0,051	0,316	0,002	0,012	0,076	FALSE
-0,010	0,315	0,000	0,010	0,007	FALSE
0,000	0,294	0,000	0,010	0,002	FALSE
-0,007	0,317	0,000	0,010	0,003	FALSE
0,019	0,307	0,001	0,012	0,029	FALSE
0,043	0,308	0,001	0,011	0,049	FALSE
0,001	0,328	0,000	0,007	0,004	FALSE
-0,031	0,316	-0,002	0,009	0,061	FALSE
0,141	0,294	0,003	0,006	0,188	FALSE
-0,112	0,319	-0,003	0,009	0,153	FALSE
-0,024	0,319	-0,002	0,012	0,070	FALSE
-0,119	0,306	-0,004	0,008	0,172	FALSE
-0,009	0,319	0,000	0,008	0,019	FALSE
0,009	0,300	0,000	0,009	0,002	FALSE
-0,028	0,310	-0,001	0,006	0,037	FALSE
-0,083	0,304	-0,002	0,008	0,077	FALSE
0,167	0,290	0,005	0,009	0,257	FALSE
0,142	0,298	0,004	0,009	0,199	FALSE
-0,030	0,318	-0,002	0,012	0,057	FALSE
-0,083	0,294	-0,002	0,007	0,130	FALSE
-0,085	0,305	-0,003	0,008	0,131	FALSE
-0,061	0,306	-0,002	0,007	0,095	FALSE
-0,017	0,306	-0,001	0,006	0,044	FALSE
-0,128	0,308	-0,005	0,011	0,190	FALSE

0,055	0,308	0,003	0,012	0,105	FALSE
-0,042	0,321	-0,002	0,013	0,071	FALSE
0,026	0,302	0,001	0,011	0,024	FALSE
0,041	0,307	0,001	0,006	0,051	FALSE
-0,069	0,304	-0,003	0,012	0,105	FALSE
0,009	0,292	0,000	0,007	0,018	FALSE
0,043	0,312	0,001	0,006	0,037	FALSE
0,102	0,309	0,002	0,007	0,113	FALSE
0,098	0,318	0,002	0,008	0,106	FALSE
0,106	0,309	0,005	0,012	0,166	FALSE
-0,021	0,308	0,000	0,010	0,011	FALSE
0,012	0,301	0,001	0,010	0,028	FALSE
-0,116	0,313	-0,003	0,006	0,163	FALSE
-0,059	0,306	-0,003	0,010	0,119	FALSE
0,100	0,313	0,002	0,007	0,111	FALSE
0,069	0,313	0,001	0,006	0,062	FALSE
0,053	0,299	0,002	0,012	0,065	FALSE
-0,036	0,305	-0,002	0,012	0,048	FALSE
-0,082	0,318	-0,002	0,008	0,112	FALSE
-0,133	0,290	-0,005	0,012	0,182	FALSE
0,048	0,308	0,002	0,009	0,067	FALSE
-0,174	0,306	-0,004	0,007	0,260	FALSE
0,058	0,309	0,002	0,010	0,058	FALSE
-0,115	0,307	-0,003	0,007	0,138	FALSE
-0,114	0,308	-0,005	0,013	0,156	FALSE
0,037	0,308	0,001	0,009	0,055	FALSE
-0,006	0,317	0,000	0,007	0,018	FALSE
-0,009	0,304	0,000	0,007	0,005	FALSE
0,011	0,297	0,000	0,013	0,008	FALSE
-0,084	0,312	-0,003	0,009	0,115	FALSE
0,141	0,302	0,005	0,010	0,226	FALSE
0,024	0,302	0,000	0,010	0,010	FALSE
0,136	0,310	0,004	0,009	0,183	FALSE
0,107	0,298	0,003	0,006	0,177	FALSE
-0,054	0,321	-0,002	0,010	0,069	FALSE
0,057	0,307	0,002	0,012	0,071	FALSE
0,012	0,315	0,000	0,007	0,015	FALSE
-0,144	0,295	-0,005	0,009	0,255	FALSE
-0,161	0,291	-0,006	0,010	0,279	FALSE
0,109	0,310	0,004	0,009	0,155	FALSE
0,042	0,297	0,001	0,011	0,043	FALSE
-0,072	0,313	-0,002	0,009	0,101	FALSE
0,111	0,283	0,005	0,011	0,176	FALSE
-0,077	0,314	-0,001	0,007	0,079	FALSE
-0,013	0,312	0,001	0,012	0,026	FALSE
-0,010	0,302	0,000	0,008	0,010	FALSE
-0,058	0,287	-0,002	0,007	0,079	FALSE
-0,069	0,291	-0,002	0,008	0,092	FALSE
-0,018	0,285	-0,001	0,010	0,031	FALSE
-0,097	0,316	-0,004	0,012	0,131	FALSE
-0,109	0,311	-0,004	0,012	0,135	FALSE
-0,059	0,307	-0,002	0,012	0,071	FALSE
-0,078	0,296	-0,003	0,007	0,150	FALSE

-0,098	0,301	-0,003	0,007	0,178	FALSE
0,157	0,297	0,005	0,011	0,196	FALSE
0,118	0,308	0,003	0,009	0,153	FALSE
0,084	0,310	0,003	0,011	0,093	FALSE
0,107	0,309	0,003	0,007	0,163	FALSE
-0,132	0,312	-0,004	0,009	0,209	FALSE
0,150	0,300	0,005	0,010	0,234	FALSE
-0,109	0,305	-0,003	0,007	0,163	FALSE
-0,031	0,301	-0,001	0,007	0,041	FALSE
-0,122	0,298	-0,003	0,007	0,169	FALSE
0,002	0,323	0,001	0,007	0,043	FALSE
-0,027	0,298	0,000	0,007	0,002	FALSE
-0,047	0,302	0,000	0,006	0,022	FALSE
0,005	0,298	0,000	0,008	0,022	FALSE
0,069	0,299	0,003	0,012	0,095	FALSE
-0,025	0,306	-0,001	0,011	0,048	FALSE
0,061	0,303	0,003	0,008	0,158	FALSE
0,122	0,292	0,005	0,009	0,232	FALSE
-0,002	0,314	0,000	0,012	0,008	FALSE
-0,081	0,296	-0,001	0,007	0,062	FALSE
-0,106	0,301	-0,002	0,007	0,107	FALSE
0,047	0,306	0,001	0,007	0,069	FALSE
-0,013	0,313	-0,001	0,010	0,040	FALSE
-0,134	0,298	-0,005	0,011	0,206	FALSE
-0,198	0,296	-0,005	0,007	0,295	FALSE
-0,072	0,307	-0,002	0,007	0,095	FALSE
-0,077	0,310	-0,002	0,010	0,084	FALSE
0,108	0,303	0,003	0,011	0,123	FALSE
-0,110	0,300	-0,004	0,009	0,181	FALSE
0,059	0,299	0,002	0,009	0,103	FALSE
-0,117	0,298	-0,003	0,007	0,145	FALSE
-0,132	0,308	-0,003	0,007	0,186	FALSE
-0,009	0,320	-0,001	0,011	0,027	FALSE
0,001	0,307	0,000	0,011	0,005	FALSE
-0,064	0,305	-0,001	0,007	0,048	FALSE
0,052	0,301	0,001	0,008	0,056	FALSE
-0,056	0,310	-0,002	0,010	0,081	FALSE
-0,061	0,298	-0,002	0,009	0,080	FALSE
-0,011	0,317	0,000	0,006	0,017	FALSE
0,133	0,309	0,003	0,008	0,162	FALSE
-0,012	0,320	-0,001	0,007	0,030	FALSE
-0,007	0,320	0,000	0,006	0,010	FALSE
0,073	0,292	0,001	0,007	0,062	FALSE
0,133	0,309	0,004	0,010	0,169	FALSE
0,105	0,301	0,003	0,010	0,115	FALSE
0,134	0,307	0,003	0,007	0,195	FALSE
-0,028	0,317	-0,001	0,006	0,041	FALSE
0,018	0,319	0,000	0,009	0,012	FALSE
-0,004	0,301	-0,001	0,011	0,044	FALSE
-0,024	0,316	-0,001	0,009	0,047	FALSE
0,048	0,304	0,001	0,006	0,055	FALSE
0,108	0,308	0,003	0,009	0,131	FALSE
-0,021	0,309	-0,001	0,008	0,044	FALSE

0,009	0,303	-0,001	0,013	0,025	FALSE
0,020	0,315	0,001	0,011	0,035	FALSE
0,025	0,307	0,000	0,012	0,012	FALSE
0,009	0,297	0,001	0,007	0,032	FALSE
0,023	0,309	0,000	0,007	0,024	FALSE
0,033	0,308	0,001	0,010	0,036	FALSE
0,025	0,322	0,000	0,010	0,001	FALSE
0,097	0,295	0,003	0,011	0,107	FALSE
0,052	0,301	0,002	0,011	0,065	FALSE
-0,014	0,320	0,000	0,008	0,021	FALSE
0,113	0,300	0,005	0,011	0,174	FALSE
-0,109	0,304	-0,004	0,010	0,149	FALSE
0,180	0,289	0,005	0,007	0,296	FALSE
-0,110	0,298	-0,004	0,010	0,154	FALSE
-0,021	0,313	-0,001	0,009	0,038	FALSE
-0,110	0,300	-0,004	0,012	0,133	FALSE
0,054	0,324	0,002	0,008	0,086	FALSE
0,074	0,304	0,002	0,007	0,098	FALSE
-0,072	0,315	-0,003	0,012	0,087	FALSE
-0,009	0,310	0,000	0,012	0,003	FALSE
-0,036	0,304	-0,001	0,011	0,027	FALSE
0,058	0,313	0,001	0,009	0,054	FALSE
-0,161	0,314	-0,003	0,007	0,214	FALSE
-0,079	0,313	-0,003	0,008	0,122	FALSE
-0,044	0,309	-0,001	0,011	0,048	FALSE
-0,102	0,316	-0,004	0,011	0,130	FALSE
-0,008	0,297	-0,002	0,012	0,056	FALSE
0,065	0,303	0,001	0,008	0,026	FALSE
0,136	0,302	0,003	0,006	0,191	FALSE
0,015	0,309	0,001	0,007	0,038	FALSE
-0,015	0,296	0,000	0,009	0,001	FALSE
-0,079	0,306	-0,002	0,008	0,114	FALSE
0,132	0,315	0,003	0,008	0,172	FALSE
-0,087	0,306	-0,002	0,006	0,118	FALSE
0,006	0,293	0,000	0,010	0,001	FALSE
0,084	0,299	0,002	0,008	0,093	FALSE
0,006	0,307	0,001	0,010	0,030	FALSE
0,074	0,310	0,002	0,008	0,075	FALSE
0,144	0,300	0,003	0,008	0,149	FALSE
0,002	0,296	0,000	0,007	0,023	FALSE
-0,028	0,309	-0,001	0,012	0,045	FALSE
0,129	0,310	0,003	0,008	0,142	FALSE
-0,015	0,312	-0,001	0,013	0,037	FALSE
0,037	0,316	0,001	0,008	0,046	FALSE
0,027	0,305	0,001	0,013	0,026	FALSE
0,039	0,313	0,001	0,013	0,034	FALSE
0,068	0,308	0,003	0,013	0,099	FALSE
0,150	0,299	0,006	0,012	0,204	FALSE
0,140	0,310	0,006	0,013	0,188	FALSE
0,163	0,300	0,003	0,006	0,214	FALSE
-0,178	0,295	-0,007	0,012	0,256	FALSE
-0,218	0,300	-0,008	0,012	0,317	FALSE
-0,082	0,313	-0,003	0,012	0,103	FALSE

0,007	0,310	0,001	0,009	0,021	FALSE
-0,126	0,308	-0,005	0,012	0,189	FALSE
-0,017	0,306	-0,001	0,007	0,036	FALSE
-0,013	0,309	-0,001	0,007	0,030	FALSE
-0,115	0,297	-0,006	0,013	0,186	FALSE
-0,096	0,300	-0,005	0,013	0,147	FALSE
-0,016	0,305	-0,001	0,007	0,035	FALSE
0,149	0,310	0,005	0,010	0,234	FALSE
0,019	0,323	0,000	0,006	0,014	FALSE
-0,097	0,302	-0,003	0,011	0,110	FALSE
-0,022	0,296	-0,002	0,012	0,070	FALSE
-0,101	0,300	-0,003	0,010	0,136	FALSE
-0,065	0,311	-0,003	0,013	0,094	FALSE
-0,026	0,304	-0,002	0,010	0,078	FALSE
-0,112	0,308	-0,004	0,010	0,168	FALSE
-0,068	0,301	-0,004	0,012	0,116	FALSE
0,016	0,304	0,000	0,007	0,021	FALSE
0,080	0,307	0,002	0,008	0,086	FALSE
0,041	0,309	0,001	0,007	0,034	FALSE
-0,051	0,311	-0,002	0,011	0,073	FALSE
0,026	0,302	0,000	0,010	0,006	FALSE
-0,030	0,320	-0,001	0,011	0,043	FALSE
-0,042	0,302	-0,002	0,013	0,068	FALSE
-0,004	0,310	0,000	0,009	0,001	FALSE
-0,139	0,302	-0,004	0,008	0,195	FALSE
0,047	0,309	0,001	0,008	0,050	FALSE
-0,205	0,302	-0,009	0,013	0,304	FALSE
-0,002	0,310	0,000	0,011	0,010	FALSE
-0,072	0,306	-0,002	0,007	0,089	FALSE
-0,028	0,291	-0,001	0,011	0,025	FALSE
-0,174	0,299	-0,004	0,007	0,233	FALSE
0,028	0,294	0,001	0,010	0,035	FALSE
-0,157	0,281	-0,004	0,007	0,257	FALSE
-0,094	0,314	-0,003	0,008	0,127	FALSE
-0,134	0,294	-0,004	0,008	0,206	FALSE
-0,108	0,311	-0,004	0,009	0,165	FALSE
-0,135	0,313	-0,003	0,007	0,173	FALSE
0,058	0,313	0,003	0,012	0,090	FALSE
-0,143	0,312	-0,006	0,010	0,240	FALSE
0,184	0,303	0,005	0,009	0,257	FALSE
-0,101	0,307	-0,002	0,006	0,132	FALSE
0,110	0,293	0,005	0,012	0,153	FALSE
-0,071	0,294	-0,002	0,011	0,075	FALSE
0,061	0,312	0,001	0,008	0,060	FALSE
-0,120	0,302	-0,002	0,007	0,138	FALSE
-0,132	0,294	-0,003	0,006	0,183	FALSE
-0,078	0,308	-0,003	0,008	0,135	FALSE
-0,119	0,298	-0,004	0,010	0,149	FALSE
-0,031	0,296	0,000	0,011	0,005	FALSE
0,069	0,292	0,003	0,008	0,176	FALSE
-0,034	0,301	-0,001	0,009	0,048	FALSE
0,135	0,305	0,003	0,007	0,164	FALSE
0,145	0,310	0,003	0,008	0,167	FALSE

0,144	0,306	0,003	0,008	0,160	FALSE
0,070	0,298	0,002	0,011	0,079	FALSE
-0,045	0,310	-0,002	0,009	0,090	FALSE
-0,207	0,301	-0,008	0,011	0,327	FALSE
0,050	0,303	0,000	0,010	0,015	FALSE
0,002	0,315	0,000	0,008	0,017	FALSE
0,019	0,304	0,000	0,007	0,016	FALSE
-0,042	0,310	0,000	0,007	0,024	FALSE
0,107	0,297	0,002	0,007	0,120	FALSE
0,066	0,299	0,002	0,010	0,075	FALSE
0,042	0,307	0,001	0,007	0,073	FALSE
-0,091	0,319	-0,004	0,012	0,112	FALSE
0,027	0,302	0,001	0,009	0,055	FALSE
0,005	0,315	0,001	0,010	0,018	FALSE
0,061	0,301	0,002	0,007	0,090	FALSE
-0,132	0,310	-0,006	0,012	0,196	FALSE
0,045	0,309	0,002	0,010	0,086	FALSE
0,006	0,292	0,000	0,007	0,015	FALSE
-0,145	0,310	-0,005	0,011	0,200	FALSE
-0,082	0,316	-0,003	0,011	0,122	FALSE
-0,179	0,313	-0,005	0,009	0,262	FALSE
0,054	0,308	0,002	0,012	0,068	FALSE
-0,131	0,308	-0,004	0,011	0,165	FALSE
0,049	0,308	0,002	0,012	0,072	FALSE
0,089	0,316	0,003	0,013	0,104	FALSE
0,089	0,313	0,002	0,006	0,138	FALSE
0,046	0,305	0,001	0,010	0,030	FALSE
0,022	0,302	0,000	0,011	0,006	FALSE
0,039	0,314	0,001	0,006	0,077	FALSE
0,034	0,304	0,001	0,008	0,022	FALSE
-0,097	0,299	-0,004	0,010	0,152	FALSE
0,032	0,318	0,001	0,012	0,028	FALSE
0,028	0,320	0,000	0,011	0,012	FALSE
0,149	0,301	0,003	0,006	0,233	FALSE
-0,013	0,311	-0,001	0,011	0,027	FALSE
-0,018	0,312	0,000	0,010	0,011	FALSE
0,073	0,307	0,002	0,008	0,095	FALSE
-0,019	0,312	-0,001	0,007	0,039	FALSE
-0,156	0,288	-0,005	0,010	0,235	FALSE
0,039	0,300	0,000	0,013	0,013	FALSE
-0,043	0,290	-0,002	0,011	0,065	FALSE
0,022	0,322	0,000	0,007	0,000	FALSE
-0,041	0,301	-0,003	0,012	0,079	FALSE
0,056	0,312	0,003	0,013	0,077	FALSE
-0,040	0,306	-0,002	0,013	0,062	FALSE
-0,035	0,289	-0,002	0,012	0,065	FALSE
-0,016	0,307	-0,001	0,012	0,043	FALSE
0,000	0,313	0,000	0,010	0,005	FALSE
0,060	0,303	0,001	0,006	0,048	FALSE
-0,061	0,304	-0,002	0,007	0,119	FALSE
-0,066	0,294	-0,001	0,007	0,057	FALSE
0,105	0,312	0,003	0,010	0,128	FALSE
0,027	0,306	0,001	0,007	0,034	FALSE

0,085	0,311	0,003	0,012	0,111	FALSE
-0,107	0,305	-0,004	0,009	0,175	FALSE
0,087	0,315	0,003	0,011	0,086	FALSE
-0,059	0,288	-0,002	0,011	0,060	FALSE
-0,089	0,295	-0,003	0,009	0,112	FALSE
-0,138	0,297	-0,004	0,008	0,216	FALSE
0,131	0,301	0,006	0,010	0,232	FALSE
-0,100	0,310	-0,004	0,010	0,147	FALSE
0,049	0,307	0,001	0,007	0,040	FALSE
-0,095	0,307	-0,003	0,009	0,139	FALSE
-0,042	0,314	-0,001	0,008	0,024	FALSE
-0,056	0,305	-0,001	0,009	0,055	FALSE
0,001	0,301	0,001	0,009	0,024	FALSE
0,098	0,316	0,003	0,010	0,121	FALSE
-0,069	0,309	-0,002	0,009	0,068	FALSE
0,009	0,329	0,000	0,008	0,009	FALSE
-0,073	0,317	-0,003	0,012	0,101	FALSE
0,008	0,314	0,001	0,010	0,019	FALSE
0,080	0,307	0,002	0,008	0,088	FALSE
-0,079	0,316	-0,003	0,011	0,102	FALSE
0,069	0,302	0,002	0,012	0,077	FALSE
0,085	0,288	0,003	0,011	0,112	FALSE
-0,034	0,297	-0,002	0,012	0,072	FALSE
0,029	0,313	0,001	0,009	0,050	FALSE
-0,017	0,313	-0,001	0,012	0,027	FALSE
0,065	0,287	0,001	0,010	0,054	FALSE
0,083	0,294	0,002	0,010	0,094	FALSE
-0,043	0,315	-0,002	0,012	0,048	FALSE
0,087	0,307	0,002	0,006	0,133	FALSE
0,184	0,289	0,008	0,012	0,298	FALSE
-0,149	0,306	-0,004	0,010	0,190	FALSE
-0,002	0,299	0,000	0,007	0,020	FALSE
-0,045	0,309	-0,001	0,011	0,038	FALSE
0,040	0,312	0,002	0,012	0,049	FALSE
0,082	0,311	0,003	0,010	0,124	FALSE
0,111	0,288	0,003	0,007	0,172	FALSE
-0,077	0,313	-0,002	0,007	0,087	FALSE
0,119	0,285	0,004	0,009	0,173	FALSE
-0,052	0,294	0,000	0,006	0,027	FALSE
0,043	0,299	0,002	0,012	0,073	FALSE
0,033	0,308	0,000	0,007	0,020	FALSE
0,060	0,297	0,002	0,011	0,062	FALSE
-0,021	0,318	-0,002	0,010	0,065	FALSE
0,022	0,311	0,001	0,006	0,049	FALSE
0,010	0,326	0,001	0,007	0,052	FALSE
-0,105	0,303	-0,002	0,009	0,103	FALSE
0,072	0,302	0,003	0,009	0,116	FALSE
-0,087	0,307	-0,003	0,008	0,141	FALSE
-0,082	0,301	-0,002	0,008	0,125	FALSE
-0,056	0,296	-0,001	0,006	0,065	FALSE
0,003	0,309	0,000	0,007	0,008	FALSE
-0,219	0,291	-0,008	0,011	0,354	FALSE
0,005	0,297	0,000	0,006	0,007	FALSE

0,055	0,306	0,001	0,009	0,044	FALSE
-0,019	0,304	-0,001	0,009	0,033	FALSE
0,061	0,303	0,001	0,012	0,036	FALSE
0,124	0,299	0,006	0,012	0,209	FALSE
0,126	0,302	0,006	0,011	0,217	FALSE
-0,167	0,299	-0,008	0,013	0,279	FALSE
-0,192	0,279	-0,009	0,012	0,358	FALSE
0,070	0,318	0,002	0,012	0,076	FALSE
0,055	0,309	0,002	0,012	0,057	FALSE
-0,176	0,305	-0,008	0,012	0,280	FALSE
-0,214	0,284	-0,009	0,011	0,391	FALSE
0,175	0,312	0,005	0,009	0,234	FALSE
-0,022	0,291	-0,001	0,012	0,015	FALSE
-0,009	0,297	0,000	0,013	0,009	FALSE
0,045	0,308	0,001	0,007	0,062	FALSE
-0,014	0,303	0,000	0,006	0,001	FALSE
0,033	0,294	0,001	0,006	0,059	FALSE
0,128	0,306	0,003	0,007	0,196	FALSE
-0,014	0,289	0,000	0,010	0,000	FALSE
-0,025	0,298	-0,001	0,008	0,042	FALSE
-0,001	0,307	0,000	0,010	0,005	FALSE
-0,072	0,305	-0,002	0,009	0,073	FALSE
-0,055	0,310	-0,003	0,009	0,116	FALSE
-0,060	0,295	-0,002	0,009	0,072	FALSE
0,013	0,298	0,000	0,009	0,017	FALSE
-0,003	0,308	0,000	0,009	0,009	FALSE
-0,030	0,296	-0,001	0,007	0,045	FALSE
-0,001	0,323	0,000	0,007	0,021	FALSE
-0,029	0,311	-0,001	0,013	0,032	FALSE
-0,016	0,309	0,000	0,012	0,015	FALSE
0,036	0,299	0,002	0,012	0,071	FALSE
-0,076	0,296	-0,003	0,012	0,092	FALSE
0,099	0,300	0,005	0,011	0,177	FALSE
-0,014	0,305	0,000	0,007	0,010	FALSE
0,058	0,298	0,002	0,007	0,098	FALSE
0,009	0,300	0,000	0,010	0,002	FALSE
-0,067	0,299	-0,002	0,008	0,106	FALSE
0,089	0,307	0,003	0,011	0,111	FALSE
0,006	0,311	0,000	0,010	0,015	FALSE
0,078	0,314	0,002	0,008	0,088	FALSE
0,029	0,291	0,001	0,011	0,040	FALSE
-0,001	0,309	-0,001	0,008	0,033	FALSE
-0,011	0,307	0,000	0,008	0,003	FALSE
0,048	0,313	0,002	0,011	0,066	FALSE
-0,060	0,301	-0,002	0,011	0,078	FALSE
0,017	0,313	0,000	0,007	0,005	FALSE
-0,007	0,306	0,000	0,010	0,006	FALSE
0,015	0,315	0,001	0,012	0,034	FALSE
-0,015	0,317	-0,001	0,009	0,036	FALSE
-0,068	0,299	-0,002	0,011	0,088	FALSE
0,035	0,301	0,001	0,007	0,084	FALSE
0,120	0,306	0,003	0,006	0,186	FALSE
0,208	0,308	0,008	0,013	0,279	FALSE

-0,008	0,305	0,001	0,012	0,017	FALSE
-0,090	0,300	-0,003	0,007	0,155	FALSE
0,067	0,304	0,003	0,012	0,086	FALSE
-0,160	0,288	-0,007	0,011	0,280	FALSE
0,040	0,306	0,002	0,007	0,079	FALSE
0,010	0,315	0,001	0,012	0,015	FALSE
-0,037	0,312	-0,002	0,009	0,079	FALSE
-0,016	0,307	-0,001	0,007	0,037	FALSE
0,137	0,299	0,005	0,012	0,162	FALSE
0,011	0,317	0,000	0,009	0,001	FALSE
0,057	0,309	0,002	0,011	0,070	FALSE
-0,054	0,311	-0,001	0,010	0,032	FALSE
-0,072	0,306	-0,002	0,009	0,064	FALSE
-0,073	0,310	-0,002	0,008	0,101	FALSE
0,015	0,289	0,001	0,011	0,022	FALSE
-0,042	0,319	-0,001	0,011	0,047	FALSE
0,001	0,314	0,000	0,010	0,005	FALSE
0,023	0,312	0,000	0,007	0,012	FALSE
-0,012	0,320	-0,001	0,011	0,024	FALSE
0,026	0,324	0,001	0,011	0,025	FALSE
0,100	0,301	0,003	0,008	0,130	FALSE
-0,034	0,310	-0,002	0,012	0,053	FALSE
0,051	0,310	0,002	0,013	0,063	FALSE
-0,013	0,318	-0,001	0,010	0,036	FALSE
-0,014	0,302	0,000	0,007	0,004	FALSE
-0,030	0,290	-0,001	0,006	0,043	FALSE
0,055	0,301	0,002	0,013	0,046	FALSE
0,086	0,313	0,003	0,013	0,084	FALSE
0,069	0,286	0,002	0,012	0,072	FALSE
0,106	0,292	0,003	0,008	0,172	FALSE
0,161	0,307	0,005	0,009	0,241	FALSE
0,011	0,303	0,001	0,008	0,034	FALSE
0,065	0,302	0,003	0,012	0,116	FALSE
-0,040	0,306	-0,001	0,012	0,041	FALSE
0,023	0,313	0,001	0,011	0,051	FALSE
0,031	0,321	0,001	0,009	0,038	FALSE
0,071	0,304	0,003	0,009	0,114	FALSE
0,173	0,312	0,004	0,008	0,225	FALSE
0,011	0,320	0,000	0,012	0,009	FALSE
0,114	0,292	0,005	0,010	0,186	FALSE
0,109	0,307	0,002	0,007	0,121	FALSE
0,001	0,316	-0,001	0,012	0,027	FALSE
0,052	0,307	0,001	0,006	0,063	FALSE
-0,175	0,294	-0,006	0,012	0,218	FALSE
0,085	0,313	0,002	0,013	0,063	FALSE
-0,098	0,303	-0,002	0,007	0,120	FALSE
-0,042	0,299	-0,001	0,007	0,069	FALSE
0,000	0,311	0,000	0,007	0,006	FALSE
0,099	0,311	0,004	0,010	0,137	FALSE
0,057	0,300	0,002	0,010	0,079	FALSE
-0,006	0,318	-0,001	0,012	0,022	FALSE
0,064	0,317	0,002	0,009	0,081	FALSE
-0,007	0,308	0,000	0,007	0,006	FALSE

-0,040	0,296	-0,003	0,013	0,078	FALSE
-0,160	0,289	-0,004	0,009	0,203	FALSE
-0,131	0,315	-0,004	0,009	0,163	FALSE
-0,122	0,313	-0,003	0,009	0,137	FALSE
0,004	0,307	-0,001	0,012	0,020	FALSE
-0,025	0,311	-0,002	0,011	0,061	FALSE
-0,004	0,302	-0,001	0,011	0,034	FALSE
-0,011	0,315	0,000	0,011	0,006	FALSE
-0,103	0,301	-0,003	0,010	0,113	FALSE
-0,040	0,313	-0,001	0,006	0,069	FALSE
-0,095	0,319	-0,003	0,012	0,107	FALSE
-0,056	0,307	-0,002	0,008	0,089	FALSE
-0,123	0,317	-0,005	0,013	0,176	FALSE
0,119	0,304	0,003	0,007	0,162	FALSE
-0,052	0,295	-0,001	0,007	0,057	FALSE
0,038	0,318	0,001	0,010	0,030	FALSE
0,032	0,295	0,001	0,007	0,064	FALSE
0,061	0,313	0,001	0,010	0,052	FALSE
0,014	0,304	0,000	0,007	0,022	FALSE
0,037	0,299	0,001	0,007	0,036	FALSE
0,019	0,297	0,000	0,006	0,024	FALSE
0,034	0,320	0,000	0,011	0,013	FALSE
0,048	0,311	0,001	0,010	0,040	FALSE
-0,032	0,327	-0,001	0,013	0,032	FALSE
0,060	0,294	0,002	0,006	0,117	FALSE
-0,062	0,301	-0,002	0,012	0,073	FALSE
-0,025	0,311	0,000	0,007	0,010	FALSE
0,065	0,294	0,002	0,006	0,121	FALSE
-0,104	0,306	-0,003	0,007	0,147	FALSE
-0,067	0,308	-0,002	0,008	0,115	FALSE
0,065	0,315	0,002	0,011	0,074	FALSE
0,019	0,311	0,001	0,009	0,025	FALSE
0,101	0,302	0,003	0,009	0,120	FALSE
-0,124	0,298	-0,003	0,008	0,145	FALSE
0,017	0,316	0,000	0,008	0,020	FALSE
0,036	0,302	0,001	0,012	0,039	FALSE
0,069	0,307	0,003	0,012	0,093	FALSE
-0,057	0,316	-0,002	0,011	0,060	FALSE
0,134	0,299	0,003	0,007	0,193	FALSE
-0,214	0,296	-0,008	0,011	0,356	FALSE
0,160	0,307	0,004	0,007	0,243	FALSE
-0,050	0,320	-0,001	0,007	0,067	FALSE
-0,124	0,305	-0,005	0,011	0,193	FALSE
-0,021	0,307	-0,001	0,011	0,027	FALSE
-0,082	0,311	-0,003	0,010	0,103	FALSE
-0,079	0,308	-0,002	0,011	0,070	FALSE
-0,072	0,315	-0,002	0,008	0,074	FALSE
-0,047	0,306	-0,001	0,007	0,046	FALSE
0,086	0,300	0,003	0,010	0,099	FALSE
-0,002	0,301	0,000	0,011	0,003	FALSE
-0,092	0,308	-0,002	0,008	0,092	FALSE
-0,072	0,303	-0,001	0,007	0,069	FALSE
-0,132	0,312	-0,002	0,006	0,153	FALSE

0,086	0,299	0,002	0,007	0,089	FALSE
-0,104	0,294	-0,003	0,009	0,156	FALSE
0,118	0,292	0,006	0,011	0,230	FALSE
0,005	0,297	0,000	0,010	0,016	FALSE
-0,049	0,313	-0,001	0,010	0,046	FALSE
-0,253	0,299	-0,007	0,009	0,380	FALSE
-0,145	0,309	-0,003	0,007	0,196	FALSE
0,123	0,296	0,005	0,011	0,191	FALSE
-0,028	0,309	-0,001	0,008	0,040	FALSE
-0,038	0,316	-0,001	0,008	0,056	FALSE
-0,046	0,308	-0,001	0,007	0,065	FALSE
0,008	0,311	0,000	0,010	0,017	FALSE
-0,120	0,316	-0,005	0,012	0,168	FALSE
-0,101	0,297	-0,002	0,007	0,141	FALSE
0,091	0,288	0,002	0,006	0,103	FALSE
0,074	0,298	0,003	0,012	0,097	FALSE
-0,045	0,319	-0,001	0,007	0,047	FALSE
0,034	0,312	0,001	0,011	0,024	FALSE
0,017	0,298	0,001	0,010	0,023	FALSE
-0,084	0,324	-0,002	0,010	0,086	FALSE
-0,104	0,317	-0,004	0,012	0,129	FALSE
0,062	0,315	0,002	0,007	0,107	FALSE
-0,002	0,314	0,000	0,010	0,007	FALSE
0,069	0,305	0,003	0,011	0,105	FALSE
-0,082	0,318	-0,003	0,012	0,086	FALSE
0,023	0,312	0,001	0,012	0,027	FALSE
-0,012	0,306	0,000	0,009	0,008	FALSE
0,121	0,321	0,003	0,008	0,145	FALSE
0,016	0,303	0,000	0,012	0,014	FALSE
0,018	0,303	0,000	0,007	0,007	FALSE
-0,050	0,309	-0,001	0,006	0,077	FALSE
-0,045	0,310	-0,001	0,007	0,047	FALSE
-0,108	0,321	-0,003	0,010	0,132	FALSE
-0,063	0,300	-0,003	0,011	0,093	FALSE
-0,134	0,303	-0,005	0,011	0,186	FALSE
0,099	0,306	0,003	0,008	0,126	FALSE
-0,140	0,300	-0,003	0,007	0,214	FALSE
0,018	0,299	0,001	0,008	0,054	FALSE
-0,059	0,314	-0,002	0,007	0,088	FALSE
0,123	0,301	0,003	0,009	0,140	FALSE
0,091	0,311	0,003	0,010	0,100	FALSE
0,067	0,302	0,003	0,011	0,110	FALSE
0,119	0,304	0,004	0,009	0,166	FALSE
0,009	0,306	0,001	0,010	0,037	FALSE
-0,077	0,314	-0,004	0,013	0,124	FALSE
0,025	0,299	0,000	0,008	0,008	FALSE
0,013	0,309	0,000	0,007	0,007	FALSE
-0,036	0,311	-0,002	0,009	0,061	FALSE
0,091	0,304	0,001	0,006	0,077	FALSE
0,080	0,304	0,001	0,006	0,051	FALSE
-0,035	0,313	-0,001	0,008	0,042	FALSE
0,001	0,287	0,001	0,007	0,031	FALSE
0,020	0,297	0,001	0,011	0,036	FALSE

0,073	0,311	0,003	0,010	0,099	FALSE
-0,014	0,309	-0,001	0,010	0,043	FALSE
0,073	0,298	0,003	0,008	0,122	FALSE
0,012	0,301	-0,001	0,012	0,025	FALSE
-0,208	0,286	-0,006	0,009	0,301	FALSE
0,069	0,309	0,002	0,008	0,097	FALSE
-0,069	0,316	-0,002	0,008	0,077	FALSE
-0,110	0,314	-0,003	0,009	0,126	FALSE
0,010	0,309	0,000	0,013	0,012	FALSE
-0,078	0,304	-0,002	0,007	0,090	FALSE
-0,020	0,320	0,000	0,007	0,010	FALSE
-0,008	0,309	0,000	0,012	0,001	FALSE
-0,032	0,309	-0,002	0,012	0,060	FALSE
0,028	0,310	0,001	0,011	0,030	FALSE
-0,002	0,317	0,000	0,012	0,003	FALSE
0,095	0,285	0,002	0,007	0,141	FALSE
-0,044	0,307	-0,002	0,012	0,066	FALSE
0,049	0,304	0,002	0,009	0,060	FALSE
0,056	0,324	0,001	0,007	0,044	FALSE
-0,017	0,309	-0,001	0,011	0,023	FALSE
-0,024	0,296	-0,001	0,009	0,035	FALSE
-0,056	0,310	-0,001	0,007	0,074	FALSE
-0,156	0,300	-0,004	0,009	0,192	FALSE
0,025	0,314	0,001	0,007	0,043	FALSE
-0,016	0,313	-0,001	0,009	0,020	FALSE
0,066	0,310	0,003	0,012	0,089	FALSE
-0,003	0,298	0,000	0,007	0,013	FALSE
-0,091	0,305	-0,004	0,011	0,136	FALSE
-0,021	0,312	-0,001	0,007	0,028	FALSE
-0,098	0,296	-0,002	0,006	0,134	FALSE
-0,016	0,306	0,000	0,008	0,016	FALSE
-0,026	0,306	-0,001	0,008	0,030	FALSE
-0,011	0,314	0,000	0,009	0,010	FALSE
0,116	0,317	0,003	0,007	0,137	FALSE
-0,035	0,298	-0,001	0,012	0,043	FALSE
-0,075	0,304	-0,004	0,012	0,119	FALSE
0,066	0,293	0,003	0,009	0,132	FALSE
0,166	0,301	0,004	0,008	0,254	FALSE
0,128	0,304	0,003	0,007	0,158	FALSE
0,069	0,301	0,002	0,007	0,120	FALSE
0,104	0,300	0,003	0,011	0,098	FALSE
-0,110	0,297	-0,004	0,011	0,162	FALSE
-0,107	0,308	-0,004	0,010	0,136	FALSE
-0,146	0,305	-0,004	0,008	0,198	FALSE
0,067	0,304	0,001	0,007	0,058	FALSE
0,096	0,306	0,002	0,007	0,111	FALSE
0,058	0,309	0,001	0,007	0,071	FALSE
-0,007	0,312	0,000	0,010	0,007	FALSE
-0,114	0,294	-0,003	0,010	0,140	FALSE
-0,026	0,296	-0,002	0,009	0,069	FALSE
0,155	0,313	0,005	0,010	0,211	FALSE
0,046	0,313	0,001	0,008	0,058	FALSE
-0,040	0,307	-0,001	0,009	0,038	FALSE

0,029	0,313	0,001	0,006	0,064	FALSE
-0,109	0,287	-0,003	0,007	0,180	FALSE
-0,120	0,303	-0,003	0,009	0,131	FALSE
-0,016	0,298	0,000	0,006	0,026	FALSE
-0,085	0,299	-0,002	0,007	0,139	FALSE
-0,042	0,308	-0,001	0,010	0,038	FALSE
0,139	0,297	0,005	0,011	0,205	FALSE
-0,070	0,308	-0,003	0,011	0,115	FALSE
-0,149	0,299	-0,004	0,007	0,217	FALSE
-0,096	0,318	-0,003	0,008	0,124	FALSE
0,016	0,306	0,000	0,007	0,020	FALSE
-0,191	0,301	-0,005	0,008	0,255	FALSE
-0,174	0,281	-0,004	0,006	0,268	FALSE
0,111	0,300	0,003	0,008	0,173	FALSE
-0,094	0,306	-0,004	0,012	0,117	FALSE
-0,057	0,311	-0,001	0,010	0,052	FALSE
-0,050	0,316	-0,001	0,010	0,053	FALSE
0,065	0,309	0,002	0,012	0,059	FALSE
-0,064	0,318	-0,001	0,009	0,043	FALSE
-0,056	0,316	-0,002	0,009	0,092	FALSE
0,033	0,308	0,002	0,012	0,070	FALSE
0,011	0,317	0,001	0,011	0,025	FALSE
0,057	0,313	0,001	0,011	0,035	FALSE
0,025	0,306	0,000	0,010	0,010	FALSE
0,041	0,300	0,003	0,010	0,112	FALSE
-0,121	0,308	-0,003	0,006	0,172	FALSE
-0,121	0,305	-0,003	0,006	0,180	FALSE
0,059	0,311	0,002	0,008	0,078	FALSE
0,010	0,313	-0,001	0,013	0,015	FALSE
0,023	0,307	0,000	0,012	0,004	FALSE
-0,139	0,300	-0,003	0,007	0,174	FALSE
-0,143	0,301	-0,003	0,007	0,164	FALSE
0,024	0,301	0,000	0,012	0,000	FALSE
-0,118	0,298	-0,006	0,012	0,194	FALSE
-0,044	0,312	-0,001	0,007	0,056	FALSE
-0,070	0,284	-0,004	0,012	0,133	FALSE
0,147	0,306	0,006	0,012	0,220	FALSE
-0,150	0,300	-0,006	0,011	0,259	FALSE
0,165	0,304	0,004	0,007	0,237	FALSE
-0,046	0,302	-0,001	0,011	0,048	FALSE
0,102	0,308	0,003	0,009	0,143	FALSE
-0,051	0,299	-0,002	0,012	0,054	FALSE
-0,080	0,293	-0,003	0,009	0,160	FALSE
0,066	0,303	0,001	0,007	0,073	FALSE
-0,035	0,303	-0,002	0,012	0,076	FALSE
-0,059	0,305	-0,003	0,012	0,091	FALSE
0,005	0,312	0,000	0,006	0,008	FALSE
-0,095	0,319	-0,004	0,011	0,144	FALSE
-0,085	0,309	-0,003	0,011	0,121	FALSE
0,016	0,298	0,001	0,007	0,034	FALSE
0,017	0,297	0,001	0,007	0,040	FALSE
0,018	0,307	0,001	0,007	0,057	FALSE
-0,046	0,305	-0,001	0,007	0,050	FALSE

-0,061	0,303	-0,001	0,007	0,078	FALSE
0,054	0,305	0,001	0,008	0,054	FALSE
-0,002	0,312	-0,001	0,007	0,039	FALSE
-0,072	0,305	-0,004	0,012	0,129	FALSE
-0,099	0,313	-0,005	0,012	0,165	FALSE
0,000	0,324	0,000	0,013	0,002	FALSE
-0,078	0,306	-0,003	0,012	0,095	FALSE
0,014	0,321	0,001	0,013	0,015	FALSE
0,081	0,309	0,004	0,011	0,133	FALSE
-0,013	0,294	0,000	0,007	0,013	FALSE
0,067	0,313	0,001	0,008	0,064	FALSE
0,106	0,294	0,003	0,010	0,144	FALSE
-0,074	0,312	-0,003	0,012	0,095	FALSE
0,099	0,292	0,004	0,010	0,153	FALSE
-0,112	0,309	-0,003	0,009	0,149	FALSE
-0,132	0,299	-0,004	0,009	0,189	FALSE
-0,033	0,312	-0,001	0,009	0,039	FALSE
0,035	0,319	0,001	0,012	0,027	FALSE
0,149	0,304	0,003	0,006	0,235	FALSE
0,008	0,311	0,001	0,012	0,032	FALSE
0,046	0,305	0,003	0,011	0,085	FALSE
-0,064	0,315	-0,002	0,008	0,073	FALSE
-0,120	0,310	-0,005	0,012	0,166	FALSE
-0,105	0,300	-0,002	0,008	0,116	FALSE
-0,122	0,300	-0,004	0,012	0,141	FALSE
0,108	0,297	0,003	0,008	0,119	FALSE
0,091	0,308	0,002	0,008	0,086	FALSE
0,119	0,309	0,002	0,008	0,114	FALSE
-0,009	0,314	-0,001	0,009	0,034	FALSE
0,107	0,298	0,004	0,009	0,185	FALSE
0,039	0,304	0,001	0,012	0,028	FALSE
-0,008	0,301	0,000	0,010	0,005	FALSE
0,086	0,297	0,004	0,012	0,113	FALSE
0,068	0,293	0,003	0,012	0,086	FALSE
-0,027	0,306	-0,001	0,010	0,019	FALSE
0,050	0,302	0,002	0,011	0,079	FALSE
-0,009	0,308	0,000	0,012	0,006	FALSE
0,028	0,320	0,001	0,012	0,022	FALSE
-0,082	0,305	-0,004	0,013	0,119	FALSE
0,139	0,302	0,005	0,011	0,197	FALSE
0,127	0,306	0,004	0,010	0,161	FALSE
0,025	0,306	0,000	0,007	0,014	FALSE
-0,026	0,313	-0,001	0,013	0,029	FALSE
-0,002	0,295	0,000	0,006	0,001	FALSE
0,045	0,292	0,000	0,009	0,016	FALSE
0,093	0,293	0,003	0,009	0,127	FALSE
-0,127	0,302	-0,005	0,012	0,180	FALSE
-0,164	0,289	-0,006	0,011	0,240	FALSE
-0,029	0,305	-0,001	0,012	0,025	FALSE
-0,040	0,299	-0,001	0,010	0,052	FALSE
-0,116	0,288	-0,006	0,012	0,203	FALSE
0,101	0,289	0,002	0,006	0,106	FALSE
0,122	0,288	0,002	0,006	0,149	FALSE

0,012	0,318	0,001	0,008	0,040	FALSE
0,035	0,306	0,001	0,013	0,037	FALSE
-0,100	0,307	-0,004	0,011	0,156	FALSE
-0,026	0,301	-0,001	0,006	0,036	FALSE
0,015	0,320	0,000	0,010	0,014	FALSE
0,006	0,311	0,000	0,007	0,013	FALSE
-0,050	0,316	-0,002	0,013	0,060	FALSE
0,001	0,307	0,001	0,011	0,023	FALSE
0,026	0,314	0,001	0,011	0,045	FALSE
0,029	0,313	0,002	0,011	0,050	FALSE
0,030	0,319	0,001	0,013	0,034	FALSE
0,049	0,299	0,001	0,009	0,044	FALSE
-0,003	0,311	-0,001	0,010	0,021	FALSE
-0,052	0,306	-0,002	0,013	0,056	FALSE
0,025	0,320	0,001	0,011	0,022	FALSE
-0,058	0,307	-0,001	0,007	0,079	FALSE
0,001	0,315	0,001	0,013	0,027	FALSE
0,010	0,299	0,002	0,012	0,048	FALSE
-0,017	0,310	-0,001	0,011	0,018	FALSE
0,008	0,305	0,000	0,007	0,004	FALSE
-0,019	0,290	0,000	0,008	0,007	FALSE
-0,066	0,322	-0,001	0,008	0,061	FALSE
0,030	0,292	0,001	0,007	0,038	FALSE
-0,015	0,312	0,000	0,008	0,012	FALSE
-0,173	0,307	-0,003	0,006	0,218	FALSE
-0,096	0,308	-0,002	0,008	0,122	FALSE
-0,026	0,303	-0,001	0,008	0,044	FALSE
-0,048	0,302	-0,001	0,010	0,054	FALSE
-0,023	0,312	0,000	0,010	0,012	FALSE
0,009	0,320	0,000	0,008	0,015	FALSE
-0,043	0,304	-0,003	0,012	0,088	FALSE
0,016	0,296	0,001	0,008	0,033	FALSE
-0,149	0,313	-0,003	0,008	0,152	FALSE
-0,034	0,307	-0,001	0,007	0,049	FALSE
-0,056	0,304	-0,002	0,008	0,116	FALSE
0,054	0,303	0,003	0,010	0,101	FALSE
-0,067	0,297	-0,002	0,012	0,068	FALSE
-0,096	0,295	-0,004	0,011	0,137	FALSE
0,036	0,315	0,000	0,008	0,005	FALSE
-0,009	0,282	-0,001	0,009	0,041	FALSE
0,004	0,304	0,000	0,009	0,017	FALSE
-0,030	0,302	-0,001	0,007	0,045	FALSE
0,158	0,296	0,004	0,007	0,235	FALSE
0,046	0,301	0,002	0,012	0,081	FALSE
0,099	0,306	0,003	0,008	0,128	FALSE
0,023	0,304	0,001	0,009	0,036	FALSE
-0,129	0,299	-0,003	0,007	0,166	FALSE
0,002	0,315	-0,001	0,007	0,052	FALSE
0,048	0,311	0,002	0,008	0,087	FALSE
0,037	0,311	0,001	0,008	0,061	FALSE
0,070	0,315	0,002	0,008	0,107	FALSE
-0,039	0,312	-0,002	0,012	0,047	FALSE
-0,075	0,320	-0,003	0,010	0,106	FALSE

0,062	0,315	0,002	0,009	0,075	FALSE
0,104	0,316	0,002	0,007	0,140	FALSE
-0,097	0,301	-0,004	0,010	0,162	FALSE
0,095	0,304	0,002	0,007	0,084	FALSE
-0,105	0,306	-0,002	0,008	0,126	FALSE
-0,076	0,307	-0,001	0,007	0,050	FALSE
0,020	0,304	0,001	0,008	0,029	FALSE
0,034	0,298	0,001	0,011	0,025	FALSE
-0,073	0,329	-0,002	0,007	0,104	FALSE
0,009	0,307	0,000	0,008	0,003	FALSE
0,057	0,317	0,001	0,007	0,030	FALSE
0,009	0,309	-0,001	0,007	0,043	FALSE
-0,053	0,318	-0,002	0,008	0,102	FALSE
0,010	0,313	0,000	0,009	0,003	FALSE
0,048	0,307	0,002	0,007	0,078	FALSE
0,156	0,294	0,006	0,011	0,219	FALSE
-0,067	0,298	-0,002	0,010	0,076	FALSE
-0,034	0,312	-0,001	0,007	0,039	FALSE
-0,054	0,313	-0,002	0,011	0,059	FALSE
0,009	0,303	0,000	0,009	0,007	FALSE
-0,020	0,302	-0,001	0,008	0,032	FALSE
0,012	0,313	0,000	0,009	0,018	FALSE
0,040	0,307	0,001	0,009	0,047	FALSE
0,018	0,307	0,001	0,009	0,023	FALSE
-0,014	0,303	0,000	0,009	0,005	FALSE
0,097	0,304	0,002	0,008	0,118	FALSE
0,001	0,314	0,000	0,010	0,003	FALSE
-0,060	0,300	-0,002	0,008	0,097	FALSE
0,045	0,292	0,002	0,012	0,058	FALSE
0,002	0,314	0,000	0,009	0,017	FALSE
0,030	0,289	0,001	0,011	0,043	FALSE
-0,006	0,317	0,000	0,009	0,003	FALSE
-0,136	0,312	-0,005	0,014	0,163	FALSE
-0,238	0,282	-0,010	0,012	0,390	FALSE
-0,111	0,310	-0,003	0,008	0,145	FALSE
0,041	0,310	0,001	0,008	0,034	FALSE
0,040	0,303	0,000	0,006	0,021	FALSE
-0,066	0,302	-0,001	0,008	0,061	FALSE
-0,154	0,301	-0,004	0,007	0,205	FALSE
0,077	0,317	0,003	0,012	0,082	FALSE
-0,043	0,307	-0,001	0,010	0,047	FALSE
0,031	0,307	0,001	0,008	0,048	FALSE
0,014	0,305	0,001	0,008	0,024	FALSE
-0,047	0,300	-0,002	0,008	0,100	FALSE
0,025	0,307	0,000	0,007	0,010	FALSE
0,079	0,309	0,003	0,012	0,107	FALSE
0,059	0,305	0,002	0,008	0,072	FALSE
-0,038	0,310	-0,001	0,009	0,031	FALSE
0,100	0,299	0,004	0,008	0,184	FALSE
-0,077	0,294	-0,002	0,010	0,071	FALSE
-0,047	0,294	-0,002	0,010	0,056	FALSE
-0,047	0,299	-0,002	0,011	0,062	FALSE
-0,046	0,285	-0,002	0,010	0,074	FALSE

0,060	0,292	0,002	0,008	0,074	FALSE
-0,009	0,300	0,000	0,010	0,010	FALSE
0,014	0,294	0,001	0,010	0,035	FALSE
-0,013	0,304	-0,001	0,009	0,022	FALSE
-0,053	0,315	-0,001	0,007	0,046	FALSE
0,094	0,292	0,003	0,007	0,177	FALSE
0,090	0,313	0,003	0,008	0,123	FALSE
0,006	0,306	0,000	0,008	0,009	FALSE
-0,009	0,308	0,000	0,007	0,005	FALSE
-0,033	0,312	-0,001	0,008	0,059	FALSE
0,124	0,295	0,005	0,008	0,238	FALSE
-0,019	0,306	0,000	0,006	0,023	FALSE
0,072	0,303	0,002	0,011	0,080	FALSE
-0,033	0,311	-0,001	0,012	0,046	FALSE
0,055	0,311	0,002	0,011	0,068	FALSE
0,138	0,303	0,005	0,011	0,200	FALSE
0,067	0,311	0,002	0,010	0,086	FALSE
0,219	0,281	0,004	0,006	0,337	FALSE
-0,041	0,307	-0,001	0,008	0,056	FALSE
-0,037	0,311	-0,001	0,007	0,064	FALSE
0,048	0,312	0,003	0,013	0,080	FALSE
0,050	0,302	0,003	0,012	0,093	FALSE
0,060	0,288	0,003	0,012	0,105	FALSE
-0,126	0,305	-0,007	0,013	0,226	FALSE
-0,033	0,311	-0,002	0,012	0,054	FALSE
0,124	0,307	0,003	0,007	0,157	FALSE
-0,024	0,314	-0,001	0,011	0,040	FALSE
-0,009	0,300	0,000	0,007	0,008	FALSE
-0,122	0,314	-0,003	0,007	0,150	FALSE
-0,041	0,316	-0,001	0,007	0,061	FALSE
-0,054	0,301	-0,002	0,011	0,060	FALSE
-0,129	0,317	-0,004	0,013	0,139	FALSE
0,031	0,298	0,001	0,007	0,041	FALSE
0,086	0,310	0,003	0,011	0,114	FALSE
-0,147	0,309	-0,003	0,008	0,172	FALSE
0,020	0,299	0,000	0,010	0,002	FALSE
0,092	0,318	0,002	0,007	0,114	FALSE
0,022	0,312	0,002	0,012	0,049	FALSE
0,107	0,313	0,002	0,007	0,124	FALSE
0,053	0,301	0,000	0,007	0,023	FALSE
0,135	0,303	0,005	0,012	0,177	FALSE
0,007	0,313	0,000	0,006	0,006	FALSE
0,066	0,312	0,002	0,007	0,081	FALSE
0,202	0,298	0,005	0,008	0,288	FALSE
-0,002	0,303	0,000	0,007	0,006	FALSE
-0,081	0,303	-0,003	0,011	0,124	FALSE
-0,098	0,301	-0,004	0,011	0,130	FALSE
-0,041	0,309	-0,001	0,011	0,032	FALSE
0,018	0,296	0,000	0,007	0,019	FALSE
0,041	0,304	0,000	0,007	0,002	FALSE
-0,048	0,313	-0,001	0,007	0,062	FALSE
-0,057	0,305	-0,003	0,012	0,095	FALSE
0,001	0,307	0,000	0,013	0,010	FALSE

0,006	0,298	-0,001	0,012	0,019	FALSE
0,045	0,316	0,001	0,013	0,026	FALSE
0,032	0,310	0,001	0,012	0,017	FALSE
0,033	0,311	0,001	0,012	0,034	FALSE
0,065	0,307	0,002	0,010	0,074	FALSE
-0,082	0,316	-0,003	0,010	0,106	FALSE
-0,027	0,306	-0,001	0,011	0,028	FALSE
-0,045	0,311	-0,001	0,009	0,039	FALSE
-0,071	0,310	-0,002	0,008	0,090	FALSE
0,007	0,312	-0,001	0,013	0,020	FALSE
-0,024	0,304	-0,002	0,012	0,062	FALSE
0,062	0,317	0,002	0,007	0,097	FALSE
-0,025	0,301	-0,001	0,008	0,043	FALSE
0,065	0,310	0,002	0,007	0,087	FALSE
-0,042	0,291	-0,003	0,011	0,087	FALSE
0,055	0,294	0,001	0,010	0,047	FALSE
-0,013	0,309	0,000	0,006	0,025	FALSE
-0,066	0,302	-0,002	0,008	0,107	FALSE
0,148	0,297	0,006	0,012	0,220	FALSE
0,113	0,305	0,005	0,012	0,156	FALSE
0,074	0,308	0,001	0,006	0,072	FALSE
0,133	0,290	0,005	0,011	0,182	FALSE
0,080	0,304	0,001	0,006	0,075	FALSE
0,152	0,308	0,005	0,010	0,212	FALSE
-0,077	0,301	-0,003	0,011	0,099	FALSE
-0,073	0,281	-0,003	0,011	0,087	FALSE
0,115	0,294	0,005	0,011	0,171	FALSE
-0,014	0,309	0,001	0,010	0,018	FALSE
-0,021	0,303	0,000	0,010	0,007	FALSE
-0,119	0,300	-0,003	0,007	0,171	FALSE
-0,016	0,295	0,000	0,006	0,006	FALSE
-0,034	0,304	-0,001	0,008	0,043	FALSE
-0,030	0,313	-0,001	0,007	0,044	FALSE
-0,037	0,302	-0,002	0,012	0,076	FALSE
0,077	0,304	0,003	0,010	0,102	FALSE
-0,032	0,310	-0,001	0,009	0,037	FALSE
-0,059	0,315	-0,003	0,012	0,084	FALSE
-0,082	0,312	-0,002	0,008	0,092	FALSE
0,005	0,312	0,000	0,008	0,012	FALSE
0,024	0,309	0,001	0,011	0,048	FALSE
0,049	0,310	0,002	0,010	0,076	FALSE
0,072	0,320	0,002	0,010	0,084	FALSE
0,035	0,300	0,002	0,012	0,046	FALSE
-0,007	0,307	-0,002	0,011	0,050	FALSE
-0,006	0,312	-0,001	0,010	0,029	FALSE
-0,015	0,297	-0,001	0,012	0,028	FALSE
-0,012	0,313	0,000	0,013	0,001	FALSE
-0,016	0,307	0,000	0,013	0,012	FALSE
-0,010	0,305	-0,001	0,012	0,019	FALSE
-0,129	0,305	-0,004	0,008	0,174	FALSE
0,069	0,294	0,003	0,012	0,097	FALSE
0,107	0,305	0,003	0,008	0,132	FALSE
0,014	0,306	0,001	0,007	0,033	FALSE

-0,093	0,311	-0,002	0,010	0,082	FALSE
0,012	0,307	0,000	0,012	0,008	FALSE
0,103	0,307	0,003	0,012	0,097	FALSE
0,119	0,297	0,004	0,011	0,132	FALSE
-0,081	0,296	-0,002	0,010	0,065	FALSE
0,076	0,290	0,002	0,006	0,092	FALSE
-0,070	0,300	-0,002	0,009	0,094	FALSE
-0,037	0,325	-0,001	0,010	0,045	FALSE
-0,088	0,294	-0,003	0,011	0,115	FALSE
-0,014	0,289	-0,001	0,011	0,023	FALSE
-0,055	0,307	-0,002	0,012	0,057	FALSE
-0,078	0,324	-0,002	0,007	0,109	FALSE
-0,026	0,302	0,000	0,007	0,006	FALSE
0,047	0,303	0,002	0,011	0,053	FALSE
-0,011	0,312	-0,001	0,010	0,028	FALSE
-0,110	0,314	-0,004	0,011	0,155	FALSE
-0,049	0,311	-0,002	0,012	0,070	FALSE
-0,013	0,306	0,000	0,007	0,006	FALSE
-0,003	0,308	0,001	0,012	0,036	FALSE
0,046	0,305	0,003	0,012	0,081	FALSE
0,031	0,299	0,001	0,007	0,050	FALSE
0,079	0,313	0,003	0,013	0,089	FALSE
-0,024	0,300	-0,001	0,012	0,017	FALSE
-0,007	0,303	0,000	0,007	0,006	FALSE
0,038	0,298	0,001	0,006	0,052	FALSE
0,111	0,304	0,004	0,012	0,120	FALSE
-0,010	0,289	0,000	0,007	0,006	FALSE
-0,001	0,318	0,000	0,007	0,018	FALSE
-0,077	0,305	-0,003	0,011	0,124	FALSE
-0,034	0,306	-0,002	0,009	0,062	FALSE
0,065	0,305	0,003	0,010	0,095	FALSE
0,084	0,309	0,003	0,010	0,123	FALSE
0,068	0,316	0,002	0,011	0,086	FALSE
0,081	0,308	0,003	0,012	0,087	FALSE
0,060	0,311	0,002	0,013	0,057	FALSE
0,095	0,307	0,004	0,012	0,117	FALSE
-0,046	0,316	-0,001	0,010	0,047	FALSE
-0,012	0,328	-0,001	0,010	0,024	FALSE
-0,044	0,307	-0,001	0,010	0,054	FALSE
0,100	0,317	0,003	0,012	0,103	FALSE
0,092	0,306	0,002	0,006	0,141	FALSE
0,024	0,300	0,001	0,007	0,051	FALSE
-0,090	0,303	-0,005	0,012	0,192	FALSE
0,058	0,303	0,001	0,009	0,058	FALSE
0,003	0,309	0,000	0,011	0,014	FALSE
0,081	0,308	0,003	0,011	0,088	FALSE
0,025	0,324	0,000	0,006	0,006	FALSE
-0,099	0,296	-0,003	0,011	0,109	FALSE
0,013	0,304	0,001	0,011	0,024	FALSE
-0,060	0,323	-0,003	0,013	0,076	FALSE
-0,088	0,305	-0,003	0,007	0,150	FALSE
0,003	0,295	0,000	0,011	0,007	FALSE
-0,099	0,313	-0,003	0,008	0,137	FALSE

0,045	0,314	0,001	0,007	0,076	FALSE
-0,030	0,308	-0,001	0,010	0,019	FALSE
0,023	0,299	0,001	0,009	0,036	FALSE
-0,044	0,317	-0,001	0,006	0,063	FALSE
0,057	0,306	0,002	0,011	0,052	FALSE
0,024	0,303	0,000	0,007	0,019	FALSE
-0,058	0,306	-0,002	0,012	0,068	FALSE
-0,118	0,309	-0,003	0,007	0,158	FALSE
0,040	0,301	0,001	0,006	0,043	FALSE
0,110	0,303	0,003	0,009	0,139	FALSE
0,017	0,301	0,001	0,009	0,024	FALSE
0,103	0,293	0,003	0,007	0,148	FALSE
0,101	0,300	0,002	0,008	0,116	FALSE
0,116	0,297	0,003	0,007	0,186	FALSE
0,088	0,300	0,002	0,007	0,143	FALSE
-0,064	0,308	-0,003	0,011	0,112	FALSE
-0,027	0,319	0,000	0,010	0,012	FALSE
-0,056	0,309	-0,002	0,008	0,093	FALSE
0,110	0,286	0,005	0,010	0,201	FALSE
-0,039	0,294	-0,002	0,008	0,091	FALSE
0,086	0,320	0,004	0,012	0,122	FALSE
-0,011	0,311	0,000	0,011	0,004	FALSE
-0,030	0,315	-0,001	0,010	0,041	FALSE
-0,041	0,309	-0,001	0,011	0,045	FALSE
-0,017	0,309	-0,001	0,010	0,023	FALSE
0,054	0,306	0,001	0,009	0,029	FALSE
0,035	0,318	0,001	0,012	0,043	FALSE
-0,004	0,308	-0,001	0,008	0,031	FALSE
-0,046	0,308	-0,001	0,006	0,046	FALSE
0,166	0,291	0,005	0,009	0,236	FALSE
0,069	0,293	0,002	0,006	0,110	FALSE
-0,139	0,313	-0,003	0,007	0,174	FALSE
-0,064	0,317	-0,001	0,007	0,078	FALSE
-0,022	0,300	-0,002	0,012	0,075	FALSE
-0,075	0,320	-0,002	0,007	0,122	FALSE
0,106	0,312	0,003	0,011	0,110	FALSE
0,003	0,302	0,000	0,011	0,011	FALSE
-0,007	0,305	0,000	0,008	0,019	FALSE
0,102	0,310	0,003	0,008	0,144	FALSE
-0,009	0,313	0,000	0,012	0,005	FALSE
0,084	0,304	0,002	0,011	0,080	FALSE
0,031	0,309	0,002	0,012	0,048	FALSE
-0,008	0,289	-0,001	0,010	0,018	FALSE
-0,061	0,313	-0,002	0,011	0,059	FALSE
-0,030	0,309	-0,001	0,007	0,039	FALSE
0,137	0,310	0,005	0,013	0,168	FALSE
-0,073	0,315	-0,003	0,012	0,082	FALSE
-0,080	0,315	-0,003	0,013	0,097	FALSE
-0,078	0,316	-0,003	0,008	0,130	FALSE
0,100	0,312	0,003	0,010	0,105	FALSE
0,044	0,307	0,000	0,007	0,022	FALSE
0,080	0,306	0,003	0,011	0,098	FALSE
-0,040	0,319	-0,001	0,008	0,064	FALSE

-0,067	0,292	-0,004	0,009	0,154	FALSE
0,103	0,303	0,002	0,007	0,132	FALSE
0,013	0,308	0,000	0,009	0,010	FALSE
0,102	0,302	0,002	0,006	0,116	FALSE
-0,033	0,312	-0,002	0,012	0,066	FALSE
0,057	0,312	0,001	0,007	0,076	FALSE
0,070	0,302	0,001	0,007	0,038	FALSE
0,076	0,302	0,001	0,007	0,051	FALSE
0,032	0,308	0,001	0,007	0,056	FALSE
-0,112	0,315	-0,004	0,009	0,167	FALSE
0,016	0,317	0,000	0,009	0,009	FALSE
-0,085	0,305	-0,003	0,009	0,135	FALSE
-0,097	0,309	-0,003	0,008	0,157	FALSE
-0,076	0,301	-0,003	0,008	0,129	FALSE
-0,112	0,301	-0,004	0,008	0,179	FALSE
-0,061	0,319	-0,002	0,008	0,089	FALSE
-0,079	0,298	-0,003	0,007	0,135	FALSE
-0,092	0,310	-0,003	0,008	0,153	FALSE
-0,043	0,297	-0,003	0,013	0,081	FALSE
-0,058	0,305	-0,001	0,012	0,041	FALSE
0,165	0,295	0,005	0,008	0,269	FALSE
-0,040	0,292	-0,001	0,008	0,053	FALSE
-0,121	0,323	-0,005	0,013	0,168	FALSE
-0,099	0,304	-0,003	0,011	0,110	FALSE
0,033	0,301	0,002	0,012	0,070	FALSE
-0,075	0,317	-0,003	0,012	0,097	FALSE
0,021	0,297	0,001	0,006	0,069	FALSE
-0,051	0,313	-0,002	0,012	0,060	FALSE
-0,012	0,305	-0,001	0,009	0,025	FALSE
0,001	0,311	0,000	0,011	0,014	FALSE
0,133	0,291	0,003	0,008	0,153	FALSE
-0,077	0,299	-0,002	0,012	0,072	FALSE
-0,101	0,305	-0,004	0,012	0,118	FALSE
-0,082	0,310	-0,003	0,012	0,085	FALSE
-0,102	0,304	-0,004	0,012	0,116	FALSE
0,032	0,313	0,001	0,013	0,039	FALSE
-0,026	0,310	0,000	0,007	0,019	FALSE
0,004	0,316	0,000	0,013	0,012	FALSE
-0,095	0,310	-0,003	0,009	0,107	FALSE
0,054	0,295	0,001	0,011	0,035	FALSE
-0,050	0,316	-0,002	0,007	0,077	FALSE
-0,016	0,314	-0,001	0,013	0,034	FALSE
0,024	0,305	0,001	0,012	0,044	FALSE
-0,054	0,310	-0,002	0,011	0,079	FALSE
0,017	0,314	0,000	0,013	0,005	FALSE
0,014	0,309	0,000	0,013	0,003	FALSE
-0,083	0,310	-0,002	0,008	0,111	FALSE
-0,020	0,309	0,000	0,006	0,003	FALSE
0,002	0,303	0,000	0,012	0,011	FALSE
-0,005	0,307	0,000	0,009	0,004	FALSE
0,094	0,306	0,004	0,009	0,158	FALSE
-0,063	0,310	-0,004	0,011	0,130	FALSE
-0,002	0,308	0,000	0,008	0,001	FALSE

0,095	0,308	0,003	0,007	0,152	FALSE
0,026	0,295	0,000	0,006	0,012	FALSE
-0,018	0,309	0,000	0,009	0,001	FALSE
-0,045	0,299	-0,001	0,009	0,023	FALSE
-0,054	0,313	-0,001	0,010	0,053	FALSE
0,027	0,311	0,001	0,008	0,048	FALSE
-0,045	0,305	-0,001	0,008	0,055	FALSE
-0,132	0,297	-0,005	0,012	0,151	FALSE
0,113	0,312	0,004	0,012	0,121	FALSE
0,019	0,294	0,001	0,008	0,029	FALSE
0,106	0,291	0,004	0,012	0,131	FALSE
0,003	0,303	0,000	0,008	0,002	FALSE
0,014	0,313	0,001	0,009	0,036	FALSE
-0,136	0,300	-0,004	0,008	0,184	FALSE
-0,009	0,308	0,000	0,006	0,004	FALSE
-0,046	0,307	-0,001	0,008	0,045	FALSE
-0,081	0,317	-0,003	0,010	0,099	FALSE
-0,028	0,306	-0,001	0,006	0,043	FALSE
-0,011	0,314	0,000	0,009	0,001	FALSE
-0,019	0,304	-0,001	0,006	0,048	FALSE
0,069	0,293	0,002	0,011	0,081	FALSE
-0,051	0,302	-0,001	0,007	0,059	FALSE
0,043	0,308	0,002	0,011	0,089	FALSE
0,042	0,304	0,001	0,007	0,064	FALSE
-0,042	0,314	-0,001	0,007	0,042	FALSE
0,035	0,302	0,001	0,007	0,037	FALSE
0,128	0,308	0,003	0,006	0,161	FALSE
-0,167	0,284	-0,007	0,011	0,280	FALSE
-0,023	0,292	0,000	0,008	0,018	FALSE
-0,096	0,294	-0,003	0,011	0,118	FALSE
-0,118	0,301	-0,003	0,007	0,167	FALSE
-0,045	0,312	-0,001	0,010	0,056	FALSE
0,056	0,293	0,002	0,009	0,069	FALSE
0,078	0,314	0,002	0,007	0,098	FALSE
-0,031	0,325	-0,001	0,008	0,048	FALSE
0,009	0,308	0,000	0,007	0,003	FALSE
-0,093	0,323	-0,002	0,008	0,097	FALSE
0,049	0,308	0,002	0,009	0,072	FALSE
-0,050	0,300	-0,002	0,007	0,095	FALSE
-0,033	0,303	-0,002	0,007	0,080	FALSE
-0,036	0,304	-0,001	0,008	0,037	FALSE
-0,066	0,298	-0,001	0,006	0,086	FALSE
-0,140	0,312	-0,006	0,013	0,192	FALSE
0,079	0,305	0,002	0,007	0,091	FALSE
0,004	0,298	0,001	0,007	0,026	FALSE
0,216	0,305	0,007	0,010	0,310	FALSE
0,053	0,301	0,001	0,006	0,058	FALSE
0,003	0,295	0,000	0,007	0,009	FALSE
-0,012	0,315	-0,001	0,007	0,028	FALSE
0,023	0,309	0,001	0,007	0,070	FALSE
-0,001	0,320	-0,001	0,008	0,025	FALSE
0,011	0,318	0,000	0,012	0,005	FALSE
-0,107	0,303	-0,003	0,007	0,138	FALSE

0,051	0,313	0,001	0,010	0,040	FALSE
0,112	0,305	0,003	0,010	0,130	FALSE
0,021	0,307	0,000	0,009	0,014	FALSE
0,061	0,303	0,003	0,011	0,114	FALSE
-0,123	0,302	-0,007	0,012	0,236	FALSE
-0,056	0,311	-0,001	0,008	0,055	FALSE
-0,166	0,307	-0,003	0,007	0,208	FALSE
-0,173	0,294	-0,003	0,006	0,224	FALSE
0,012	0,315	0,001	0,008	0,028	FALSE
0,047	0,302	0,002	0,008	0,095	FALSE
0,023	0,315	0,001	0,013	0,023	FALSE
0,063	0,298	0,001	0,007	0,078	FALSE
0,063	0,319	0,001	0,008	0,069	FALSE
0,118	0,299	0,005	0,010	0,197	FALSE
0,014	0,313	0,001	0,008	0,045	FALSE
-0,073	0,311	-0,002	0,007	0,080	FALSE
-0,004	0,316	0,000	0,008	0,007	FALSE
-0,078	0,299	-0,002	0,007	0,120	FALSE
-0,062	0,296	-0,003	0,011	0,111	FALSE
-0,056	0,309	-0,003	0,011	0,107	FALSE
-0,110	0,284	-0,005	0,010	0,180	FALSE
-0,081	0,299	-0,003	0,009	0,124	FALSE
-0,103	0,310	-0,003	0,007	0,171	FALSE
-0,038	0,315	0,000	0,007	0,023	FALSE
-0,106	0,311	-0,004	0,011	0,152	FALSE
0,144	0,298	0,006	0,010	0,237	FALSE
-0,128	0,304	-0,005	0,011	0,178	FALSE
-0,070	0,301	-0,003	0,012	0,104	FALSE
-0,029	0,317	-0,002	0,012	0,046	FALSE
0,029	0,309	0,001	0,011	0,050	FALSE
0,032	0,300	0,000	0,007	0,007	FALSE
-0,037	0,312	-0,002	0,012	0,047	FALSE
-0,017	0,311	0,000	0,008	0,005	FALSE
0,025	0,312	0,001	0,007	0,039	FALSE
0,066	0,310	0,003	0,011	0,091	FALSE
-0,058	0,316	-0,002	0,010	0,062	FALSE
0,175	0,294	0,004	0,007	0,234	FALSE
0,110	0,307	0,004	0,011	0,141	FALSE
0,063	0,308	0,002	0,007	0,099	FALSE
0,091	0,298	0,002	0,007	0,128	FALSE
-0,041	0,297	-0,001	0,006	0,076	FALSE
-0,030	0,306	-0,001	0,006	0,053	FALSE
0,056	0,298	0,001	0,009	0,029	FALSE
0,032	0,311	0,002	0,012	0,076	FALSE
0,056	0,307	0,002	0,013	0,071	FALSE
0,017	0,303	0,000	0,010	0,006	FALSE
0,082	0,309	0,002	0,007	0,105	FALSE
0,034	0,308	0,003	0,013	0,075	FALSE
0,248	0,273	0,007	0,007	0,465	FALSE
0,001	0,320	0,000	0,007	0,001	FALSE
0,020	0,315	0,001	0,007	0,062	FALSE
0,031	0,316	0,002	0,012	0,059	FALSE
0,045	0,311	0,003	0,012	0,081	FALSE

0,036	0,310	0,002	0,012	0,050	FALSE
-0,007	0,306	-0,001	0,013	0,019	FALSE
0,085	0,324	0,002	0,008	0,125	FALSE
-0,030	0,297	0,000	0,008	0,009	FALSE
-0,066	0,323	-0,002	0,008	0,089	FALSE
0,092	0,312	0,004	0,009	0,171	FALSE
0,088	0,297	0,003	0,008	0,171	FALSE
0,040	0,297	0,001	0,008	0,023	FALSE
-0,040	0,304	-0,001	0,010	0,034	FALSE
-0,160	0,300	-0,004	0,008	0,216	FALSE
-0,146	0,299	-0,004	0,008	0,217	FALSE
-0,095	0,293	-0,002	0,006	0,135	FALSE
-0,054	0,317	-0,003	0,010	0,095	FALSE
0,003	0,316	0,000	0,008	0,013	FALSE
0,005	0,307	0,001	0,008	0,038	FALSE
0,041	0,313	0,002	0,012	0,066	FALSE
0,124	0,309	0,003	0,010	0,130	FALSE
0,068	0,290	0,002	0,009	0,090	FALSE
0,048	0,305	0,001	0,010	0,055	FALSE
0,009	0,296	0,001	0,009	0,021	FALSE
-0,011	0,295	-0,001	0,010	0,028	FALSE
0,024	0,310	0,001	0,009	0,031	FALSE
-0,025	0,307	0,000	0,011	0,002	FALSE
0,010	0,304	0,000	0,007	0,008	FALSE
0,031	0,306	0,001	0,008	0,044	FALSE
0,013	0,304	0,001	0,008	0,026	FALSE
0,186	0,302	0,007	0,013	0,236	FALSE
0,005	0,319	0,000	0,012	0,004	FALSE
0,184	0,300	0,007	0,012	0,246	FALSE
0,193	0,302	0,007	0,012	0,261	FALSE
-0,134	0,295	-0,004	0,009	0,188	FALSE
0,081	0,308	0,004	0,011	0,137	FALSE
0,052	0,302	0,003	0,011	0,117	FALSE
0,197	0,286	0,008	0,012	0,325	FALSE
-0,072	0,301	-0,003	0,012	0,101	FALSE
-0,003	0,309	0,000	0,008	0,007	FALSE
0,059	0,314	0,002	0,010	0,084	FALSE
-0,004	0,311	0,000	0,009	0,007	FALSE
-0,008	0,315	-0,001	0,008	0,025	FALSE
-0,005	0,318	0,000	0,012	0,009	FALSE
-0,020	0,324	0,000	0,008	0,012	FALSE
-0,128	0,288	-0,005	0,010	0,213	FALSE
0,096	0,309	0,002	0,008	0,109	FALSE
0,089	0,305	0,004	0,013	0,140	FALSE
0,097	0,313	0,005	0,013	0,146	FALSE
0,097	0,308	0,002	0,006	0,099	FALSE
-0,099	0,306	-0,003	0,010	0,137	FALSE
0,180	0,296	0,005	0,007	0,294	FALSE
-0,020	0,297	-0,001	0,007	0,058	FALSE
0,015	0,308	0,001	0,011	0,041	FALSE
0,022	0,286	0,001	0,007	0,025	FALSE
0,004	0,318	0,001	0,012	0,019	FALSE
0,022	0,304	0,001	0,010	0,039	FALSE

0,112	0,297	0,004	0,009	0,181	FALSE
0,092	0,299	0,002	0,006	0,147	FALSE
0,023	0,297	0,001	0,012	0,018	FALSE
-0,088	0,302	-0,003	0,009	0,136	FALSE
0,033	0,329	0,001	0,007	0,039	FALSE
0,100	0,293	0,004	0,009	0,182	FALSE
-0,180	0,296	-0,006	0,010	0,258	FALSE
0,021	0,302	0,001	0,007	0,045	FALSE
-0,144	0,298	-0,004	0,007	0,208	FALSE
-0,078	0,306	-0,002	0,007	0,108	FALSE
-0,042	0,311	-0,002	0,013	0,053	FALSE
-0,121	0,308	-0,004	0,011	0,123	FALSE
0,095	0,309	0,002	0,008	0,125	FALSE
-0,009	0,309	0,000	0,007	0,016	FALSE
-0,050	0,305	-0,001	0,010	0,053	FALSE
0,103	0,299	0,004	0,009	0,158	FALSE
0,003	0,311	0,000	0,007	0,007	FALSE
0,074	0,294	0,003	0,009	0,150	FALSE
-0,047	0,319	-0,001	0,010	0,046	FALSE
-0,031	0,320	-0,001	0,011	0,031	FALSE
0,007	0,312	0,000	0,006	0,001	FALSE
0,095	0,298	0,003	0,012	0,109	FALSE
-0,101	0,312	-0,002	0,008	0,101	FALSE
0,117	0,300	0,004	0,010	0,178	FALSE
0,043	0,319	0,001	0,009	0,055	FALSE
-0,107	0,314	-0,003	0,008	0,133	FALSE
-0,059	0,305	-0,002	0,006	0,098	FALSE
-0,110	0,291	-0,003	0,007	0,147	FALSE
-0,036	0,305	-0,001	0,006	0,061	FALSE
-0,096	0,300	-0,003	0,008	0,165	FALSE
0,085	0,309	0,002	0,007	0,110	FALSE
-0,044	0,296	-0,001	0,006	0,079	FALSE
0,058	0,309	0,001	0,008	0,048	FALSE
-0,131	0,319	-0,003	0,007	0,163	FALSE
-0,120	0,322	-0,003	0,008	0,177	FALSE
-0,097	0,298	-0,003	0,007	0,148	FALSE
-0,011	0,318	0,000	0,006	0,018	FALSE
0,150	0,299	0,006	0,011	0,215	FALSE
-0,069	0,309	-0,002	0,007	0,084	FALSE
-0,014	0,296	0,000	0,006	0,015	FALSE
0,017	0,319	0,000	0,008	0,001	FALSE
-0,159	0,293	-0,005	0,011	0,194	FALSE
-0,039	0,316	-0,001	0,010	0,049	FALSE
0,167	0,308	0,007	0,012	0,237	FALSE
-0,043	0,310	-0,002	0,013	0,057	FALSE
0,011	0,318	0,000	0,008	0,012	FALSE
0,110	0,310	0,002	0,008	0,121	FALSE
-0,030	0,319	-0,001	0,012	0,035	FALSE
0,081	0,323	0,003	0,013	0,077	FALSE
0,125	0,319	0,003	0,007	0,152	FALSE
-0,126	0,317	-0,004	0,009	0,161	FALSE
-0,018	0,292	-0,001	0,008	0,036	FALSE
-0,022	0,305	-0,001	0,008	0,032	FALSE

0,163	0,308	0,004	0,008	0,242	FALSE
-0,106	0,318	-0,004	0,011	0,129	FALSE
0,014	0,313	-0,001	0,013	0,017	FALSE
-0,011	0,312	-0,001	0,011	0,033	FALSE
-0,152	0,302	-0,004	0,007	0,222	FALSE
0,016	0,303	0,001	0,009	0,032	FALSE
-0,064	0,317	-0,002	0,010	0,076	FALSE
0,050	0,319	0,001	0,008	0,038	FALSE
0,000	0,312	0,000	0,008	0,008	FALSE
0,077	0,301	0,002	0,007	0,079	FALSE
0,094	0,300	0,003	0,011	0,097	FALSE
0,057	0,308	0,002	0,010	0,064	FALSE
0,040	0,304	0,002	0,011	0,077	FALSE
-0,067	0,317	-0,002	0,008	0,093	FALSE
0,052	0,305	0,001	0,007	0,070	FALSE
0,090	0,307	0,003	0,009	0,124	FALSE
-0,116	0,303	-0,004	0,011	0,163	FALSE
0,108	0,301	0,005	0,012	0,145	FALSE
0,017	0,303	0,001	0,009	0,025	FALSE
-0,058	0,309	-0,003	0,012	0,087	FALSE
-0,014	0,303	-0,001	0,011	0,040	FALSE
0,097	0,313	0,003	0,008	0,148	FALSE
-0,127	0,310	-0,003	0,007	0,185	FALSE
-0,107	0,309	-0,002	0,007	0,111	FALSE
0,033	0,309	0,002	0,012	0,057	FALSE
-0,083	0,300	-0,003	0,009	0,145	FALSE
0,079	0,307	0,003	0,011	0,126	FALSE
0,088	0,307	0,003	0,011	0,130	FALSE
-0,016	0,311	-0,001	0,012	0,029	FALSE
0,039	0,321	0,001	0,012	0,031	FALSE
0,108	0,309	0,004	0,013	0,134	FALSE
0,055	0,307	0,003	0,010	0,104	FALSE
-0,015	0,300	-0,001	0,012	0,045	FALSE
0,036	0,295	0,001	0,007	0,037	FALSE
0,003	0,321	-0,001	0,010	0,039	FALSE
0,015	0,310	0,000	0,008	0,012	FALSE
-0,083	0,305	-0,003	0,012	0,100	FALSE
-0,055	0,308	-0,001	0,008	0,057	FALSE
0,039	0,303	0,001	0,006	0,071	FALSE
-0,088	0,304	-0,004	0,010	0,142	FALSE
0,045	0,305	0,001	0,007	0,057	FALSE
0,100	0,307	0,003	0,012	0,085	FALSE
0,008	0,300	0,001	0,007	0,032	FALSE
0,139	0,305	0,003	0,007	0,198	FALSE
-0,094	0,307	-0,003	0,012	0,098	FALSE
-0,114	0,312	-0,003	0,008	0,162	FALSE
-0,007	0,301	0,000	0,007	0,017	FALSE
-0,019	0,300	0,000	0,008	0,006	FALSE
0,074	0,301	0,002	0,007	0,124	FALSE
-0,020	0,312	0,000	0,009	0,018	FALSE
0,011	0,318	0,001	0,012	0,021	FALSE
-0,014	0,318	0,000	0,008	0,008	FALSE
-0,074	0,299	-0,002	0,010	0,073	FALSE

-0,120	0,305	-0,005	0,010	0,191	FALSE
0,116	0,295	0,005	0,012	0,157	FALSE
-0,073	0,314	-0,003	0,012	0,089	FALSE
-0,033	0,306	0,000	0,011	0,013	FALSE
-0,092	0,294	-0,002	0,008	0,101	FALSE
-0,116	0,306	-0,003	0,008	0,126	FALSE
0,135	0,296	0,003	0,007	0,183	FALSE
0,032	0,292	0,001	0,010	0,036	FALSE
0,078	0,315	0,001	0,008	0,060	FALSE
-0,097	0,320	-0,003	0,008	0,126	FALSE
0,042	0,294	0,001	0,007	0,055	FALSE
-0,051	0,293	-0,001	0,008	0,067	FALSE
0,017	0,301	0,000	0,008	0,015	FALSE
-0,045	0,311	-0,002	0,013	0,068	FALSE
-0,144	0,301	-0,007	0,012	0,226	FALSE
-0,094	0,307	-0,004	0,012	0,142	FALSE
0,020	0,320	0,000	0,008	0,005	FALSE
-0,031	0,313	-0,001	0,011	0,019	FALSE
0,003	0,314	0,000	0,011	0,008	FALSE
0,041	0,314	0,001	0,006	0,067	FALSE
0,044	0,314	0,001	0,007	0,077	FALSE
-0,041	0,315	-0,001	0,011	0,035	FALSE
-0,038	0,315	-0,001	0,011	0,031	FALSE
-0,078	0,302	-0,003	0,009	0,141	FALSE
0,069	0,306	0,002	0,013	0,073	FALSE
-0,003	0,303	0,000	0,010	0,011	FALSE
-0,060	0,314	-0,001	0,007	0,081	FALSE
0,033	0,302	0,001	0,010	0,040	FALSE
0,074	0,311	0,002	0,010	0,092	FALSE
-0,080	0,302	-0,002	0,007	0,128	FALSE
0,074	0,315	0,002	0,011	0,058	FALSE
0,177	0,296	0,004	0,007	0,255	FALSE
0,137	0,311	0,003	0,007	0,180	FALSE
0,046	0,313	0,002	0,010	0,070	FALSE
-0,008	0,315	-0,001	0,010	0,023	FALSE
0,013	0,317	0,000	0,006	0,016	FALSE
-0,015	0,313	0,000	0,008	0,018	FALSE
-0,105	0,308	-0,003	0,009	0,144	FALSE
0,025	0,304	0,000	0,009	0,004	FALSE
0,007	0,314	0,000	0,007	0,012	FALSE
-0,087	0,317	-0,003	0,012	0,104	FALSE
0,051	0,299	0,001	0,006	0,048	FALSE
0,050	0,318	0,001	0,008	0,062	FALSE
-0,010	0,303	0,001	0,012	0,017	FALSE
-0,047	0,304	-0,001	0,006	0,059	FALSE
-0,103	0,313	-0,003	0,009	0,136	FALSE
0,091	0,316	0,004	0,012	0,133	FALSE
-0,054	0,313	-0,002	0,011	0,069	FALSE
0,069	0,300	0,003	0,011	0,109	FALSE
-0,009	0,307	0,000	0,009	0,001	FALSE
0,069	0,301	0,002	0,008	0,105	FALSE
0,090	0,304	0,003	0,009	0,127	FALSE
0,089	0,294	0,003	0,008	0,134	FALSE

-0,017	0,308	0,000	0,010	0,003	FALSE
-0,029	0,299	0,000	0,010	0,001	FALSE
-0,009	0,308	0,001	0,011	0,044	FALSE
-0,099	0,307	-0,003	0,008	0,139	FALSE
0,121	0,295	0,003	0,007	0,163	FALSE
0,066	0,300	0,001	0,007	0,059	FALSE
-0,008	0,299	-0,001	0,012	0,039	FALSE
-0,010	0,310	-0,001	0,013	0,039	FALSE
-0,018	0,304	-0,002	0,012	0,049	FALSE
-0,011	0,306	-0,002	0,013	0,052	FALSE
-0,074	0,300	-0,001	0,007	0,082	FALSE
-0,016	0,304	-0,001	0,012	0,040	FALSE
-0,032	0,299	-0,002	0,013	0,070	FALSE
0,011	0,309	-0,001	0,013	0,018	FALSE
-0,059	0,312	-0,001	0,009	0,041	FALSE
-0,119	0,299	-0,002	0,006	0,126	FALSE
-0,049	0,304	-0,002	0,011	0,079	FALSE
0,048	0,316	0,001	0,007	0,028	FALSE
-0,043	0,317	-0,003	0,013	0,077	FALSE
-0,096	0,298	-0,003	0,010	0,146	FALSE
-0,018	0,300	0,000	0,007	0,008	FALSE
0,112	0,318	0,002	0,007	0,121	FALSE
0,030	0,324	0,001	0,013	0,035	FALSE
-0,047	0,307	-0,001	0,007	0,036	FALSE
-0,043	0,313	-0,001	0,007	0,028	FALSE
0,171	0,301	0,005	0,008	0,241	FALSE
0,058	0,303	0,002	0,011	0,053	FALSE
0,109	0,305	0,004	0,012	0,144	FALSE
-0,011	0,299	-0,001	0,006	0,044	FALSE
-0,114	0,306	-0,004	0,008	0,174	FALSE
0,083	0,332	0,003	0,013	0,092	FALSE
0,090	0,300	0,002	0,007	0,106	FALSE
-0,005	0,301	0,000	0,008	0,011	FALSE
-0,048	0,304	-0,002	0,011	0,068	FALSE
-0,131	0,300	-0,006	0,011	0,215	FALSE
-0,054	0,316	-0,002	0,012	0,073	FALSE
0,117	0,300	0,002	0,006	0,135	FALSE
0,123	0,314	0,002	0,007	0,119	FALSE
-0,024	0,306	-0,001	0,008	0,030	FALSE
-0,161	0,318	-0,003	0,007	0,191	FALSE
0,082	0,309	0,003	0,013	0,079	FALSE
-0,052	0,303	-0,001	0,008	0,060	FALSE
-0,069	0,319	-0,002	0,011	0,082	FALSE
-0,059	0,305	-0,002	0,007	0,088	FALSE
0,049	0,305	0,002	0,012	0,059	FALSE
0,012	0,297	0,001	0,011	0,023	FALSE
-0,008	0,314	0,000	0,008	0,009	FALSE
0,016	0,314	0,000	0,009	0,015	FALSE
0,041	0,320	0,001	0,009	0,037	FALSE
-0,046	0,299	-0,002	0,011	0,061	FALSE
0,005	0,297	0,000	0,009	0,018	FALSE
-0,135	0,296	-0,003	0,007	0,203	FALSE
0,042	0,312	0,002	0,009	0,060	FALSE

0,125	0,292	0,002	0,006	0,167	FALSE
0,033	0,308	0,001	0,006	0,037	FALSE
-0,004	0,316	0,000	0,006	0,003	FALSE
0,027	0,310	0,000	0,007	0,000	FALSE
0,007	0,317	0,000	0,012	0,007	FALSE
0,082	0,300	0,003	0,009	0,145	FALSE
-0,089	0,288	-0,002	0,008	0,104	FALSE
-0,021	0,303	-0,001	0,007	0,051	FALSE
0,000	0,302	-0,001	0,011	0,039	FALSE
0,172	0,290	0,004	0,006	0,257	FALSE
-0,007	0,313	0,000	0,009	0,003	FALSE
-0,135	0,314	-0,003	0,006	0,173	FALSE
0,083	0,289	0,003	0,010	0,128	FALSE
0,037	0,303	0,001	0,009	0,039	FALSE
0,035	0,319	0,001	0,012	0,025	FALSE
0,156	0,303	0,005	0,011	0,201	FALSE
-0,052	0,294	-0,003	0,012	0,091	FALSE
-0,032	0,306	-0,002	0,011	0,079	FALSE
-0,057	0,308	-0,002	0,007	0,098	FALSE
0,148	0,292	0,006	0,009	0,286	FALSE
0,018	0,294	0,001	0,007	0,027	FALSE
-0,014	0,317	-0,001	0,012	0,024	FALSE
0,087	0,303	0,002	0,007	0,100	FALSE
-0,047	0,313	-0,003	0,011	0,095	FALSE
-0,011	0,291	0,000	0,007	0,015	FALSE
-0,068	0,307	-0,003	0,009	0,120	FALSE
0,058	0,307	0,001	0,011	0,033	FALSE
-0,046	0,313	-0,001	0,007	0,038	FALSE
0,019	0,296	0,001	0,006	0,034	FALSE
0,021	0,313	0,001	0,008	0,028	FALSE
-0,097	0,293	-0,003	0,008	0,141	FALSE
-0,037	0,307	-0,002	0,008	0,082	FALSE
0,079	0,310	0,004	0,012	0,124	FALSE
0,115	0,299	0,002	0,006	0,119	FALSE
0,065	0,313	0,003	0,012	0,097	FALSE
0,040	0,298	0,002	0,006	0,098	FALSE
0,124	0,307	0,004	0,010	0,176	FALSE
-0,109	0,298	-0,003	0,008	0,183	FALSE
0,147	0,290	0,006	0,012	0,230	FALSE
-0,167	0,298	-0,007	0,011	0,272	FALSE
0,019	0,320	0,001	0,008	0,024	FALSE
-0,005	0,309	-0,001	0,011	0,023	FALSE
0,095	0,303	0,003	0,007	0,154	FALSE
0,034	0,325	0,001	0,011	0,026	FALSE
-0,068	0,314	-0,002	0,007	0,097	FALSE
-0,030	0,309	0,000	0,007	0,011	FALSE
0,101	0,316	0,004	0,013	0,129	FALSE
0,026	0,312	0,000	0,006	0,011	FALSE
0,117	0,301	0,004	0,012	0,122	FALSE
0,045	0,314	0,001	0,009	0,024	FALSE
0,233	0,291	0,009	0,012	0,344	FALSE
0,098	0,289	0,002	0,008	0,109	FALSE
0,124	0,287	0,003	0,010	0,097	FALSE

-0,174	0,302	-0,005	0,009	0,251	FALSE
-0,088	0,308	-0,002	0,010	0,072	FALSE
0,109	0,304	0,004	0,012	0,128	FALSE
-0,035	0,304	-0,001	0,007	0,043	FALSE
0,108	0,307	0,005	0,012	0,157	FALSE
-0,064	0,318	-0,002	0,009	0,095	FALSE
0,053	0,310	0,003	0,012	0,086	FALSE
0,062	0,313	0,002	0,011	0,078	FALSE
-0,020	0,301	-0,001	0,012	0,017	FALSE
-0,092	0,300	-0,002	0,008	0,101	FALSE
-0,059	0,307	-0,002	0,009	0,090	FALSE
0,167	0,313	0,005	0,010	0,200	FALSE
-0,159	0,301	-0,007	0,012	0,238	FALSE
0,108	0,302	0,003	0,007	0,159	FALSE
0,098	0,299	0,002	0,006	0,159	FALSE
-0,026	0,315	-0,001	0,012	0,027	FALSE
-0,083	0,285	-0,002	0,008	0,115	FALSE
0,061	0,306	0,003	0,012	0,091	FALSE
-0,037	0,298	-0,001	0,006	0,053	FALSE
0,071	0,307	0,002	0,008	0,081	FALSE
0,065	0,304	0,001	0,007	0,064	FALSE
-0,121	0,310	-0,004	0,010	0,174	FALSE
-0,038	0,310	-0,001	0,012	0,018	FALSE
0,028	0,311	0,001	0,008	0,029	FALSE
0,009	0,306	0,000	0,012	0,013	FALSE
0,066	0,317	0,003	0,013	0,078	FALSE
-0,014	0,305	0,000	0,007	0,003	FALSE
0,054	0,311	0,002	0,010	0,077	FALSE
-0,113	0,309	-0,003	0,009	0,115	FALSE
-0,086	0,292	-0,002	0,006	0,095	FALSE
0,053	0,308	0,002	0,011	0,077	FALSE
0,092	0,303	0,004	0,011	0,144	FALSE
-0,012	0,317	-0,001	0,012	0,029	FALSE
0,110	0,299	0,004	0,009	0,171	FALSE
-0,025	0,313	-0,001	0,011	0,017	FALSE
0,044	0,327	0,001	0,011	0,049	FALSE
-0,084	0,303	-0,002	0,007	0,087	FALSE
0,002	0,316	0,000	0,012	0,012	FALSE
0,020	0,317	0,002	0,012	0,054	FALSE
-0,007	0,310	0,000	0,013	0,003	FALSE
0,104	0,299	0,004	0,012	0,136	FALSE
-0,007	0,303	0,000	0,010	0,003	FALSE
-0,061	0,305	-0,001	0,007	0,066	FALSE
0,013	0,291	0,000	0,007	0,017	FALSE
0,089	0,300	0,003	0,012	0,095	FALSE
0,057	0,300	0,002	0,012	0,059	FALSE
0,088	0,295	0,003	0,007	0,163	FALSE
-0,084	0,294	-0,004	0,011	0,161	FALSE
0,006	0,316	0,000	0,012	0,013	FALSE
-0,002	0,301	-0,001	0,009	0,044	FALSE
0,036	0,308	0,001	0,007	0,052	FALSE
-0,015	0,306	-0,001	0,011	0,043	FALSE
0,053	0,307	0,002	0,013	0,050	FALSE

0,174	0,297	0,003	0,007	0,203	FALSE
-0,132	0,280	-0,003	0,008	0,148	FALSE
-0,223	0,293	-0,010	0,011	0,395	FALSE
0,066	0,308	0,001	0,007	0,069	FALSE
0,082	0,327	0,003	0,012	0,088	FALSE
0,051	0,310	0,001	0,009	0,027	FALSE
-0,006	0,308	0,000	0,010	0,009	FALSE
0,115	0,301	0,003	0,010	0,136	FALSE
0,074	0,305	0,002	0,008	0,102	FALSE
-0,010	0,301	0,000	0,012	0,014	FALSE
-0,063	0,301	-0,003	0,013	0,078	FALSE
-0,047	0,300	-0,001	0,009	0,026	FALSE
-0,058	0,320	-0,003	0,012	0,079	FALSE
-0,072	0,316	-0,002	0,008	0,099	FALSE
-0,025	0,311	-0,001	0,009	0,031	FALSE
-0,076	0,302	-0,004	0,011	0,129	FALSE
-0,046	0,322	-0,002	0,009	0,084	FALSE
-0,002	0,315	0,000	0,008	0,016	FALSE
-0,063	0,309	-0,003	0,013	0,095	FALSE
-0,073	0,297	-0,004	0,012	0,112	FALSE
-0,011	0,306	-0,001	0,007	0,033	FALSE
0,001	0,320	0,000	0,012	0,012	FALSE
-0,051	0,317	-0,002	0,011	0,066	FALSE
-0,050	0,304	-0,001	0,008	0,038	FALSE
-0,018	0,300	-0,001	0,009	0,037	FALSE
0,043	0,310	0,001	0,009	0,020	FALSE
-0,074	0,307	-0,004	0,012	0,114	FALSE
-0,064	0,307	-0,003	0,012	0,095	FALSE
0,009	0,316	0,001	0,007	0,029	FALSE
0,084	0,309	0,003	0,012	0,093	FALSE
0,045	0,296	0,001	0,010	0,048	FALSE
-0,057	0,289	-0,002	0,011	0,075	FALSE
0,013	0,302	0,000	0,007	0,001	FALSE
0,009	0,288	0,000	0,007	0,008	FALSE
0,157	0,302	0,004	0,009	0,202	FALSE
0,070	0,310	0,002	0,013	0,067	FALSE
-0,053	0,322	-0,001	0,008	0,051	FALSE
0,047	0,307	0,001	0,010	0,020	FALSE
0,169	0,288	0,004	0,008	0,225	FALSE
0,014	0,298	0,000	0,012	0,001	FALSE
0,079	0,307	0,003	0,010	0,096	FALSE
0,080	0,297	0,001	0,007	0,080	FALSE
-0,116	0,298	-0,002	0,007	0,134	FALSE
0,005	0,303	0,000	0,008	0,021	FALSE
0,045	0,301	0,002	0,009	0,068	FALSE
-0,092	0,318	-0,002	0,008	0,094	FALSE
-0,119	0,304	-0,003	0,007	0,140	FALSE
0,101	0,296	0,002	0,006	0,105	FALSE
0,114	0,303	0,002	0,006	0,147	FALSE
-0,172	0,301	-0,006	0,009	0,273	FALSE
0,000	0,312	0,000	0,011	0,005	FALSE
-0,030	0,308	-0,001	0,012	0,029	FALSE
0,173	0,300	0,006	0,011	0,221	FALSE

0,047	0,304	0,003	0,012	0,092	FALSE
0,088	0,300	0,004	0,011	0,130	FALSE
-0,034	0,297	-0,002	0,012	0,075	FALSE
-0,077	0,312	-0,002	0,008	0,096	FALSE
-0,072	0,296	-0,002	0,007	0,085	FALSE
-0,013	0,310	0,000	0,007	0,002	FALSE
-0,060	0,315	-0,003	0,012	0,103	FALSE
0,010	0,307	0,001	0,012	0,034	FALSE
-0,004	0,311	0,000	0,007	0,022	FALSE
0,154	0,307	0,004	0,009	0,205	FALSE
-0,091	0,308	-0,003	0,009	0,119	FALSE
0,156	0,302	0,003	0,007	0,204	FALSE
0,041	0,300	0,002	0,008	0,091	FALSE
-0,007	0,312	0,000	0,007	0,017	FALSE
0,123	0,298	0,002	0,006	0,159	FALSE
-0,041	0,306	-0,001	0,007	0,031	FALSE
-0,105	0,310	-0,002	0,007	0,124	FALSE
0,082	0,301	0,004	0,013	0,114	FALSE
0,070	0,306	0,003	0,012	0,086	FALSE
0,115	0,293	0,004	0,011	0,146	FALSE
-0,003	0,307	0,000	0,008	0,003	FALSE
0,022	0,312	0,000	0,008	0,020	FALSE
-0,081	0,300	-0,002	0,007	0,101	FALSE
-0,096	0,309	-0,002	0,008	0,106	FALSE
0,164	0,301	0,006	0,009	0,284	FALSE
-0,141	0,301	-0,005	0,010	0,189	FALSE
0,106	0,308	0,004	0,011	0,152	FALSE
0,109	0,314	0,003	0,007	0,157	FALSE
-0,046	0,308	-0,002	0,007	0,090	FALSE
0,112	0,305	0,003	0,007	0,161	FALSE
0,007	0,297	0,000	0,010	0,016	FALSE
-0,002	0,300	-0,001	0,010	0,025	FALSE
-0,032	0,313	-0,001	0,009	0,052	FALSE
-0,133	0,293	-0,005	0,012	0,179	FALSE
0,157	0,304	0,005	0,009	0,219	FALSE
0,155	0,293	0,003	0,006	0,202	FALSE
-0,013	0,312	0,000	0,012	0,001	FALSE
0,031	0,287	0,000	0,007	0,012	FALSE
0,037	0,303	0,000	0,007	0,014	FALSE
-0,015	0,307	-0,001	0,011	0,026	FALSE
-0,014	0,309	-0,001	0,012	0,042	FALSE
0,095	0,300	0,003	0,009	0,130	FALSE
-0,134	0,312	-0,004	0,010	0,165	FALSE
0,036	0,306	0,001	0,011	0,036	FALSE
-0,100	0,307	-0,002	0,007	0,115	FALSE
0,035	0,292	0,001	0,012	0,046	FALSE
0,002	0,309	0,000	0,011	0,010	FALSE
-0,018	0,325	-0,001	0,013	0,040	FALSE
0,068	0,313	0,002	0,009	0,076	FALSE
-0,037	0,309	-0,001	0,009	0,057	FALSE
-0,168	0,303	-0,008	0,013	0,276	FALSE
-0,063	0,313	-0,002	0,011	0,068	FALSE
-0,040	0,295	-0,001	0,007	0,061	FALSE

0,089	0,298	0,003	0,010	0,139	FALSE
0,101	0,318	0,003	0,009	0,125	FALSE
-0,013	0,305	0,000	0,007	0,009	FALSE
0,115	0,281	0,004	0,009	0,158	FALSE
0,051	0,305	0,001	0,009	0,052	FALSE
-0,071	0,311	-0,002	0,009	0,092	FALSE
-0,040	0,309	-0,001	0,008	0,052	FALSE
-0,097	0,300	-0,002	0,007	0,106	FALSE
-0,074	0,305	-0,004	0,012	0,113	FALSE
0,035	0,302	0,001	0,012	0,039	FALSE
-0,087	0,320	-0,003	0,012	0,099	FALSE
-0,073	0,316	-0,002	0,012	0,075	FALSE
-0,051	0,322	-0,002	0,012	0,073	FALSE
0,050	0,296	0,002	0,007	0,105	FALSE
0,023	0,285	0,000	0,011	0,004	FALSE
0,055	0,307	0,002	0,010	0,062	FALSE
0,056	0,308	0,002	0,010	0,067	FALSE
0,154	0,288	0,006	0,010	0,250	FALSE
-0,063	0,309	-0,002	0,009	0,080	FALSE
0,201	0,304	0,008	0,012	0,310	FALSE
0,049	0,307	0,001	0,007	0,029	FALSE
0,061	0,313	0,002	0,011	0,068	FALSE
-0,020	0,303	-0,001	0,012	0,024	FALSE
-0,036	0,305	-0,002	0,012	0,054	FALSE
-0,004	0,320	0,000	0,012	0,010	FALSE
-0,025	0,296	0,000	0,007	0,014	FALSE
0,084	0,307	0,004	0,013	0,108	FALSE
-0,023	0,309	0,000	0,009	0,009	FALSE
-0,069	0,297	-0,002	0,007	0,114	FALSE
-0,086	0,305	-0,003	0,008	0,129	FALSE
-0,095	0,310	-0,003	0,008	0,142	FALSE
-0,018	0,314	-0,002	0,012	0,048	FALSE
-0,044	0,302	-0,001	0,009	0,032	FALSE
0,040	0,303	0,001	0,013	0,025	FALSE
-0,014	0,299	-0,001	0,007	0,030	FALSE
0,149	0,293	0,006	0,012	0,227	FALSE
0,091	0,313	0,003	0,012	0,093	FALSE
-0,064	0,310	-0,002	0,008	0,079	FALSE
-0,153	0,286	-0,004	0,008	0,217	FALSE
0,113	0,298	0,002	0,006	0,169	FALSE
-0,083	0,294	-0,002	0,011	0,080	FALSE
0,211	0,289	0,007	0,011	0,276	FALSE
0,032	0,300	0,000	0,007	0,008	FALSE
0,003	0,297	0,002	0,012	0,048	FALSE
-0,033	0,306	-0,001	0,008	0,052	FALSE
0,108	0,299	0,005	0,011	0,201	FALSE
-0,024	0,317	-0,001	0,007	0,070	FALSE
0,008	0,305	-0,001	0,007	0,032	FALSE
-0,073	0,317	-0,001	0,010	0,054	FALSE
0,087	0,312	0,003	0,009	0,107	FALSE
-0,102	0,321	-0,002	0,008	0,119	FALSE
0,027	0,320	0,000	0,007	0,012	FALSE
0,004	0,306	0,000	0,009	0,016	FALSE

0,112	0,314	0,002	0,008	0,116	FALSE
-0,093	0,302	-0,004	0,012	0,131	FALSE
-0,092	0,302	-0,003	0,012	0,112	FALSE
-0,026	0,308	-0,001	0,009	0,031	FALSE
-0,062	0,315	-0,001	0,010	0,042	FALSE
-0,047	0,314	-0,001	0,009	0,061	FALSE
-0,082	0,314	-0,002	0,010	0,091	FALSE
-0,040	0,310	-0,001	0,007	0,048	FALSE
0,009	0,303	0,000	0,010	0,003	FALSE
-0,005	0,302	0,000	0,007	0,007	FALSE
0,005	0,311	0,000	0,007	0,020	FALSE
0,061	0,307	0,002	0,009	0,078	FALSE
0,050	0,300	0,002	0,011	0,063	FALSE
0,056	0,307	0,001	0,009	0,040	FALSE
0,102	0,292	0,002	0,009	0,104	FALSE
-0,029	0,316	0,000	0,010	0,013	FALSE
-0,049	0,301	-0,002	0,011	0,068	FALSE
0,023	0,313	0,001	0,008	0,032	FALSE
0,074	0,315	0,003	0,013	0,099	FALSE
-0,042	0,312	-0,001	0,008	0,029	FALSE
-0,032	0,306	-0,002	0,011	0,054	FALSE
-0,161	0,297	-0,006	0,010	0,290	FALSE
-0,052	0,315	-0,001	0,007	0,048	FALSE
-0,067	0,295	-0,003	0,012	0,079	FALSE
-0,070	0,304	-0,002	0,012	0,078	FALSE
0,024	0,320	0,002	0,012	0,048	FALSE
-0,031	0,308	-0,001	0,009	0,029	FALSE
0,088	0,303	0,002	0,006	0,127	FALSE
0,007	0,312	0,000	0,007	0,008	FALSE
0,049	0,318	0,002	0,012	0,063	FALSE
0,004	0,311	0,001	0,009	0,035	FALSE
0,040	0,322	0,001	0,007	0,042	FALSE
-0,118	0,300	-0,003	0,007	0,197	FALSE
-0,060	0,322	-0,002	0,008	0,091	FALSE
0,034	0,288	0,001	0,007	0,059	FALSE
-0,103	0,310	-0,005	0,013	0,171	FALSE
0,030	0,321	0,002	0,012	0,046	FALSE
-0,069	0,301	-0,001	0,006	0,058	FALSE
-0,078	0,308	-0,003	0,011	0,100	FALSE
0,004	0,312	0,001	0,010	0,022	FALSE
0,111	0,308	0,005	0,011	0,171	FALSE
-0,121	0,312	-0,004	0,010	0,162	FALSE
-0,025	0,305	0,000	0,009	0,010	FALSE
0,009	0,304	0,002	0,012	0,061	FALSE
0,006	0,304	0,002	0,013	0,044	FALSE
-0,045	0,319	-0,002	0,012	0,059	FALSE
0,060	0,310	0,002	0,007	0,099	FALSE
0,152	0,295	0,004	0,009	0,211	FALSE
0,041	0,306	0,001	0,006	0,057	FALSE
-0,084	0,313	-0,004	0,011	0,129	FALSE
-0,076	0,291	-0,002	0,006	0,092	FALSE
-0,071	0,299	-0,001	0,007	0,072	FALSE
0,071	0,309	0,002	0,007	0,112	FALSE

-0,011	0,309	0,000	0,007	0,002	FALSE
-0,022	0,313	0,000	0,007	0,003	FALSE
-0,065	0,316	-0,003	0,013	0,084	FALSE
-0,018	0,287	0,000	0,009	0,019	FALSE
-0,080	0,307	-0,002	0,010	0,076	FALSE
-0,023	0,297	-0,003	0,012	0,085	FALSE
0,045	0,301	0,002	0,010	0,080	FALSE
0,036	0,304	0,002	0,011	0,075	FALSE
0,140	0,314	0,006	0,013	0,181	FALSE
0,035	0,310	0,002	0,010	0,056	FALSE
-0,047	0,322	-0,001	0,008	0,045	FALSE
0,085	0,312	0,002	0,007	0,082	FALSE
-0,062	0,314	-0,003	0,011	0,092	FALSE
-0,012	0,316	0,000	0,007	0,008	FALSE
-0,082	0,309	-0,002	0,007	0,133	FALSE
0,012	0,314	0,000	0,010	0,006	FALSE
0,091	0,305	0,003	0,013	0,102	FALSE
0,075	0,313	0,002	0,008	0,096	FALSE
0,075	0,292	0,002	0,007	0,092	FALSE
0,041	0,311	0,000	0,007	0,025	FALSE
-0,111	0,293	-0,003	0,008	0,149	FALSE
-0,160	0,299	-0,003	0,007	0,200	FALSE
-0,077	0,308	-0,002	0,007	0,103	FALSE
-0,031	0,301	-0,001	0,008	0,060	FALSE
-0,026	0,299	-0,001	0,007	0,027	FALSE
-0,036	0,315	-0,001	0,007	0,050	FALSE
-0,013	0,304	0,000	0,006	0,005	FALSE
-0,137	0,303	-0,005	0,010	0,218	FALSE
0,134	0,310	0,003	0,007	0,174	FALSE
0,075	0,304	0,003	0,013	0,100	FALSE
0,065	0,301	0,003	0,009	0,119	FALSE
0,010	0,314	0,000	0,007	0,003	FALSE
0,004	0,319	0,000	0,013	0,007	FALSE
0,008	0,302	0,001	0,006	0,052	FALSE
0,078	0,304	0,002	0,006	0,122	FALSE
-0,092	0,311	-0,002	0,008	0,096	FALSE
-0,034	0,322	-0,002	0,012	0,063	FALSE
-0,035	0,309	0,000	0,007	0,001	FALSE
-0,067	0,309	-0,001	0,009	0,036	FALSE
-0,045	0,296	-0,001	0,009	0,022	FALSE
-0,052	0,298	-0,001	0,012	0,039	FALSE
0,098	0,318	0,003	0,011	0,124	FALSE
-0,046	0,327	-0,001	0,010	0,037	FALSE
-0,006	0,305	0,000	0,007	0,020	FALSE
-0,047	0,318	-0,002	0,011	0,064	FALSE
-0,005	0,315	-0,001	0,009	0,023	FALSE
0,051	0,302	0,002	0,010	0,086	FALSE
0,020	0,311	0,000	0,007	0,002	FALSE
0,096	0,303	0,002	0,006	0,147	FALSE
0,036	0,311	0,001	0,009	0,039	FALSE
0,005	0,306	0,000	0,010	0,004	FALSE
0,044	0,307	0,001	0,007	0,047	FALSE
0,007	0,305	0,000	0,012	0,007	FALSE

-0,024	0,319	-0,001	0,012	0,023	FALSE
-0,142	0,306	-0,004	0,009	0,208	FALSE
0,013	0,291	0,000	0,010	0,007	FALSE
0,056	0,313	0,002	0,012	0,055	FALSE
0,100	0,313	0,003	0,007	0,145	FALSE
-0,002	0,310	0,000	0,010	0,001	FALSE
0,060	0,313	0,002	0,007	0,082	FALSE
-0,133	0,319	-0,003	0,007	0,186	FALSE
-0,070	0,307	-0,002	0,010	0,074	FALSE
0,055	0,318	0,001	0,010	0,027	FALSE
-0,176	0,280	-0,007	0,010	0,317	FALSE
-0,045	0,314	-0,001	0,010	0,039	FALSE
-0,081	0,306	-0,002	0,008	0,102	FALSE
-0,032	0,316	-0,001	0,012	0,020	FALSE
-0,257	0,287	-0,011	0,012	0,428	FALSE
-0,054	0,309	-0,002	0,007	0,093	FALSE
-0,049	0,317	-0,002	0,012	0,065	FALSE
-0,120	0,301	-0,004	0,010	0,167	FALSE
-0,121	0,297	-0,004	0,010	0,145	FALSE
-0,036	0,303	-0,001	0,006	0,054	FALSE
-0,155	0,311	-0,005	0,009	0,221	FALSE
-0,021	0,297	-0,001	0,007	0,030	FALSE
0,064	0,308	0,001	0,008	0,051	FALSE
-0,039	0,308	0,000	0,008	0,015	FALSE
-0,051	0,291	-0,002	0,009	0,086	FALSE
0,005	0,297	0,000	0,007	0,017	FALSE
0,011	0,327	0,000	0,010	0,014	FALSE
0,016	0,322	0,000	0,010	0,014	FALSE
-0,003	0,298	0,000	0,009	0,003	FALSE
-0,095	0,325	-0,003	0,007	0,138	FALSE
-0,023	0,327	-0,001	0,010	0,041	FALSE
0,039	0,307	0,001	0,009	0,040	FALSE
-0,025	0,320	-0,001	0,013	0,025	FALSE
0,051	0,322	0,002	0,010	0,076	FALSE
-0,095	0,304	-0,005	0,012	0,154	FALSE
-0,084	0,300	-0,004	0,011	0,130	FALSE
-0,085	0,308	-0,004	0,012	0,119	FALSE
-0,050	0,300	-0,002	0,007	0,091	FALSE
0,103	0,304	0,003	0,007	0,169	FALSE
0,109	0,316	0,004	0,010	0,159	FALSE
0,031	0,314	0,000	0,006	0,014	FALSE
0,116	0,315	0,002	0,006	0,145	FALSE
0,014	0,314	0,000	0,007	0,021	FALSE
-0,036	0,309	-0,001	0,006	0,043	FALSE
-0,112	0,311	-0,004	0,009	0,176	FALSE
-0,099	0,296	-0,002	0,007	0,105	FALSE
0,206	0,294	0,007	0,011	0,314	FALSE
-0,108	0,303	-0,003	0,009	0,130	FALSE
-0,027	0,311	-0,001	0,008	0,047	FALSE
0,016	0,323	0,000	0,012	0,003	FALSE
-0,061	0,302	-0,002	0,006	0,098	FALSE
-0,043	0,307	-0,002	0,008	0,073	FALSE
0,115	0,311	0,003	0,007	0,163	FALSE

0,089	0,318	0,002	0,011	0,062	FALSE
0,144	0,305	0,003	0,007	0,200	FALSE
0,140	0,291	0,006	0,012	0,212	FALSE
-0,034	0,308	-0,001	0,006	0,041	FALSE
0,161	0,298	0,004	0,007	0,235	FALSE
-0,124	0,309	-0,004	0,012	0,124	FALSE
-0,068	0,307	-0,001	0,006	0,058	FALSE
-0,056	0,321	-0,001	0,010	0,050	FALSE
0,222	0,285	0,005	0,007	0,348	FALSE
0,005	0,302	0,001	0,009	0,019	FALSE
0,014	0,310	0,001	0,009	0,040	FALSE
-0,003	0,320	0,001	0,010	0,019	FALSE
0,005	0,304	0,000	0,006	0,008	FALSE
0,044	0,304	0,002	0,009	0,063	FALSE
0,052	0,308	0,001	0,006	0,066	FALSE
-0,064	0,292	-0,002	0,009	0,062	FALSE
-0,032	0,309	0,000	0,009	0,019	FALSE
-0,042	0,318	-0,001	0,010	0,037	FALSE
-0,107	0,318	-0,003	0,009	0,137	FALSE
-0,072	0,315	-0,002	0,010	0,095	FALSE
0,049	0,306	0,002	0,007	0,097	FALSE
0,034	0,280	0,001	0,006	0,070	FALSE
0,054	0,315	0,002	0,010	0,083	FALSE
-0,028	0,306	-0,002	0,011	0,079	FALSE
-0,028	0,319	0,000	0,008	0,018	FALSE
0,088	0,302	0,002	0,008	0,125	FALSE
0,036	0,303	0,002	0,011	0,049	FALSE
0,008	0,295	0,001	0,009	0,024	FALSE
-0,011	0,300	-0,001	0,010	0,019	FALSE
-0,054	0,313	-0,001	0,007	0,049	FALSE
-0,118	0,297	-0,006	0,012	0,207	FALSE
-0,073	0,309	-0,003	0,011	0,108	FALSE
0,007	0,315	0,001	0,012	0,022	FALSE
0,030	0,301	0,001	0,012	0,023	FALSE
-0,081	0,289	-0,005	0,012	0,178	FALSE
0,093	0,317	0,002	0,007	0,096	FALSE
0,058	0,318	0,001	0,006	0,077	FALSE
-0,053	0,309	-0,002	0,007	0,103	FALSE
0,009	0,308	0,000	0,008	0,011	FALSE
0,161	0,298	0,004	0,007	0,228	FALSE
0,030	0,286	0,001	0,009	0,040	FALSE
-0,071	0,314	-0,002	0,010	0,084	FALSE
-0,113	0,292	-0,005	0,012	0,174	FALSE
0,092	0,306	0,003	0,011	0,105	FALSE
-0,075	0,310	-0,002	0,011	0,061	FALSE
0,061	0,299	0,003	0,012	0,101	FALSE
-0,119	0,299	-0,006	0,012	0,213	FALSE
0,090	0,312	0,003	0,008	0,138	FALSE
-0,143	0,321	-0,004	0,009	0,197	FALSE
0,045	0,303	0,001	0,008	0,035	FALSE
0,065	0,306	0,002	0,011	0,076	FALSE
-0,155	0,305	-0,006	0,011	0,250	FALSE
-0,114	0,312	-0,005	0,011	0,178	FALSE

-0,008	0,308	0,000	0,011	0,000	FALSE
0,018	0,319	0,001	0,013	0,014	TRUE
-0,086	0,305	-0,003	0,009	0,135	FALSE
0,039	0,317	0,001	0,013	0,037	FALSE
0,005	0,308	0,000	0,011	0,014	FALSE
-0,002	0,310	0,000	0,012	0,009	FALSE
-0,026	0,325	0,000	0,012	0,015	FALSE
-0,026	0,313	-0,001	0,008	0,038	FALSE
0,009	0,310	0,000	0,012	0,014	FALSE
0,064	0,322	0,001	0,008	0,064	FALSE
-0,013	0,311	-0,001	0,008	0,027	FALSE
-0,036	0,307	0,000	0,008	0,016	FALSE
-0,002	0,304	0,000	0,008	0,007	FALSE
0,029	0,311	0,001	0,010	0,031	FALSE
0,135	0,294	0,006	0,013	0,186	FALSE
-0,096	0,315	-0,002	0,007	0,090	FALSE
-0,060	0,289	-0,003	0,009	0,116	FALSE
-0,107	0,316	-0,002	0,007	0,126	FALSE
-0,048	0,304	-0,001	0,006	0,058	FALSE
-0,109	0,293	-0,002	0,006	0,152	FALSE
0,122	0,329	0,004	0,013	0,122	FALSE
-0,010	0,306	0,001	0,011	0,018	FALSE
-0,005	0,302	0,000	0,008	0,010	FALSE
0,066	0,297	0,002	0,011	0,084	FALSE
-0,208	0,295	-0,009	0,012	0,364	FALSE
-0,113	0,303	-0,003	0,008	0,162	FALSE
-0,077	0,309	-0,002	0,007	0,113	FALSE
-0,003	0,316	0,000	0,007	0,019	FALSE
0,091	0,301	0,002	0,007	0,103	FALSE
0,111	0,304	0,003	0,007	0,160	FALSE
0,029	0,306	0,001	0,008	0,040	FALSE
0,052	0,290	0,001	0,011	0,030	FALSE
-0,094	0,304	-0,002	0,006	0,121	FALSE
-0,057	0,317	-0,002	0,009	0,066	FALSE
0,035	0,289	0,001	0,008	0,036	FALSE
-0,079	0,305	-0,002	0,007	0,121	FALSE
-0,013	0,308	-0,001	0,009	0,042	FALSE
0,017	0,313	0,001	0,007	0,034	FALSE
-0,057	0,315	-0,002	0,008	0,077	FALSE
0,034	0,302	0,001	0,007	0,063	FALSE
0,108	0,303	0,004	0,011	0,130	FALSE
0,116	0,288	0,002	0,007	0,134	FALSE
-0,050	0,305	-0,002	0,012	0,068	FALSE
-0,012	0,307	0,000	0,007	0,010	FALSE
0,041	0,298	0,002	0,008	0,079	FALSE
-0,102	0,306	-0,005	0,011	0,167	FALSE
-0,045	0,313	-0,001	0,007	0,050	FALSE
-0,054	0,278	-0,004	0,012	0,141	FALSE
0,116	0,286	0,004	0,009	0,199	FALSE
0,105	0,298	0,004	0,010	0,162	FALSE
0,000	0,310	0,000	0,009	0,015	FALSE
0,117	0,293	0,005	0,012	0,152	FALSE
-0,022	0,319	0,000	0,007	0,015	FALSE

-0,067	0,313	-0,001	0,007	0,067	FALSE
0,078	0,311	0,003	0,012	0,098	FALSE
0,063	0,300	0,002	0,007	0,089	FALSE
-0,207	0,302	-0,004	0,007	0,278	FALSE
0,012	0,315	0,000	0,008	0,009	FALSE
-0,036	0,304	-0,001	0,008	0,058	FALSE
-0,149	0,303	-0,003	0,007	0,190	FALSE
-0,032	0,306	-0,001	0,013	0,028	FALSE
-0,048	0,317	-0,001	0,009	0,036	FALSE
-0,040	0,308	-0,001	0,008	0,034	FALSE
-0,076	0,317	-0,003	0,011	0,092	FALSE
-0,093	0,303	-0,003	0,010	0,117	FALSE
-0,068	0,313	-0,001	0,007	0,074	FALSE
-0,079	0,315	-0,002	0,007	0,090	FALSE
-0,009	0,290	-0,001	0,012	0,022	FALSE
-0,079	0,312	-0,003	0,009	0,122	FALSE
-0,016	0,285	-0,001	0,009	0,045	FALSE
-0,107	0,315	-0,003	0,008	0,145	FALSE
0,019	0,307	0,000	0,009	0,006	FALSE
0,084	0,305	0,003	0,008	0,127	FALSE
-0,029	0,314	-0,002	0,009	0,062	FALSE
0,075	0,306	0,003	0,012	0,100	FALSE
0,083	0,306	0,003	0,010	0,136	FALSE
-0,130	0,306	-0,003	0,007	0,178	FALSE
0,040	0,302	0,001	0,011	0,038	FALSE
0,108	0,302	0,003	0,009	0,141	FALSE
-0,125	0,302	-0,004	0,010	0,159	FALSE
-0,127	0,305	-0,005	0,013	0,152	FALSE
-0,010	0,310	0,000	0,007	0,001	FALSE
-0,018	0,282	0,000	0,011	0,001	FALSE
-0,058	0,312	-0,002	0,011	0,053	FALSE
0,095	0,305	0,001	0,006	0,092	FALSE
-0,056	0,303	-0,001	0,012	0,040	FALSE
0,062	0,305	0,003	0,010	0,095	FALSE
-0,059	0,318	-0,001	0,008	0,056	FALSE
0,004	0,302	0,000	0,010	0,016	FALSE
-0,061	0,297	-0,003	0,008	0,138	FALSE
-0,057	0,298	-0,001	0,006	0,045	FALSE
-0,015	0,304	-0,001	0,006	0,060	FALSE
-0,006	0,309	0,001	0,011	0,017	FALSE
-0,109	0,308	-0,005	0,012	0,155	FALSE
-0,115	0,310	-0,003	0,008	0,162	FALSE
0,044	0,299	0,001	0,007	0,052	FALSE
0,142	0,297	0,005	0,008	0,268	FALSE
-0,080	0,299	-0,003	0,010	0,099	FALSE
0,051	0,306	0,001	0,007	0,058	FALSE
0,102	0,300	0,003	0,008	0,170	FALSE
-0,086	0,302	-0,004	0,012	0,110	FALSE
-0,019	0,309	0,000	0,008	0,008	FALSE
0,087	0,316	0,003	0,007	0,148	FALSE
0,044	0,299	0,001	0,009	0,048	FALSE
0,100	0,294	0,004	0,012	0,132	FALSE
0,031	0,314	0,001	0,009	0,054	FALSE

-0,141	0,314	-0,004	0,010	0,159	FALSE
-0,072	0,286	-0,003	0,010	0,122	FALSE
-0,033	0,312	-0,001	0,007	0,028	FALSE
-0,175	0,314	-0,005	0,008	0,258	FALSE
0,012	0,301	0,001	0,012	0,028	FALSE
-0,066	0,297	-0,001	0,006	0,058	FALSE
-0,037	0,309	-0,002	0,010	0,069	FALSE
0,120	0,301	0,004	0,009	0,184	FALSE
-0,086	0,313	-0,003	0,009	0,107	FALSE
0,020	0,318	0,000	0,007	0,009	FALSE
-0,041	0,294	-0,001	0,011	0,044	FALSE
-0,045	0,314	-0,001	0,007	0,071	FALSE
-0,085	0,312	-0,003	0,009	0,120	FALSE
0,132	0,298	0,004	0,011	0,170	FALSE
0,168	0,289	0,005	0,008	0,249	FALSE
-0,036	0,280	-0,001	0,009	0,052	FALSE
-0,060	0,320	-0,002	0,007	0,083	FALSE
0,083	0,309	0,003	0,012	0,102	FALSE
0,096	0,295	0,004	0,013	0,111	FALSE
-0,019	0,289	0,000	0,009	0,012	FALSE
0,117	0,293	0,003	0,007	0,179	FALSE
-0,038	0,308	-0,001	0,011	0,022	FALSE
0,025	0,312	0,001	0,007	0,034	FALSE
0,071	0,311	0,002	0,008	0,074	FALSE
-0,009	0,308	-0,001	0,010	0,041	FALSE
-0,016	0,287	-0,001	0,008	0,041	FALSE
-0,065	0,300	-0,003	0,011	0,108	FALSE
-0,113	0,304	-0,003	0,007	0,136	FALSE
0,029	0,301	0,001	0,007	0,062	FALSE
0,051	0,315	0,001	0,008	0,043	FALSE
0,098	0,280	0,003	0,008	0,173	FALSE
0,027	0,298	0,000	0,009	0,017	FALSE
0,049	0,295	0,003	0,010	0,119	FALSE
0,054	0,314	0,002	0,011	0,086	FALSE
0,078	0,322	0,003	0,013	0,094	FALSE
-0,015	0,292	0,000	0,010	0,012	FALSE
0,130	0,298	0,003	0,011	0,106	FALSE
0,105	0,304	0,002	0,006	0,154	FALSE
-0,025	0,315	-0,002	0,012	0,059	FALSE
-0,030	0,324	-0,001	0,011	0,026	FALSE
0,063	0,299	0,002	0,013	0,068	FALSE
-0,028	0,300	-0,001	0,007	0,035	FALSE
0,148	0,289	0,005	0,009	0,219	FALSE
-0,018	0,297	0,000	0,009	0,000	FALSE
-0,063	0,293	-0,003	0,010	0,123	FALSE
0,047	0,311	0,001	0,006	0,086	FALSE
0,124	0,299	0,003	0,007	0,184	FALSE
-0,120	0,298	-0,005	0,011	0,165	FALSE
0,000	0,305	0,001	0,008	0,036	FALSE
-0,038	0,316	-0,002	0,012	0,047	FALSE
-0,015	0,311	-0,001	0,008	0,046	FALSE
0,082	0,300	0,002	0,007	0,076	FALSE
-0,155	0,303	-0,003	0,006	0,198	FALSE

0,105	0,306	0,003	0,009	0,119	FALSE
-0,012	0,308	-0,001	0,012	0,019	FALSE
0,181	0,309	0,004	0,007	0,241	FALSE
0,169	0,305	0,005	0,009	0,235	FALSE
-0,018	0,311	-0,001	0,012	0,031	FALSE
0,001	0,310	0,000	0,007	0,019	FALSE
-0,051	0,300	-0,001	0,009	0,045	FALSE
-0,033	0,300	-0,002	0,011	0,068	FALSE
-0,028	0,311	-0,001	0,008	0,051	FALSE
0,060	0,310	0,002	0,007	0,101	FALSE
-0,221	0,304	-0,004	0,006	0,302	FALSE
0,059	0,327	0,001	0,008	0,064	FALSE
0,016	0,318	0,000	0,008	0,009	FALSE
0,033	0,302	0,001	0,006	0,042	FALSE
0,006	0,291	0,000	0,009	0,016	FALSE
-0,040	0,295	-0,002	0,011	0,058	FALSE
0,065	0,303	0,001	0,008	0,030	FALSE
-0,035	0,301	-0,002	0,012	0,066	FALSE
0,037	0,307	0,000	0,009	0,007	FALSE
0,025	0,307	0,001	0,011	0,039	FALSE
-0,181	0,304	-0,006	0,009	0,270	FALSE
-0,056	0,310	-0,002	0,013	0,065	FALSE
-0,064	0,312	-0,003	0,012	0,095	FALSE
-0,043	0,305	-0,001	0,010	0,045	FALSE
-0,078	0,281	-0,004	0,010	0,147	FALSE
0,065	0,293	0,002	0,011	0,081	FALSE
-0,049	0,293	0,000	0,007	0,024	FALSE
-0,103	0,320	-0,002	0,007	0,104	FALSE
0,031	0,306	0,001	0,006	0,037	FALSE
0,014	0,322	0,000	0,008	0,016	FALSE
0,051	0,308	0,002	0,008	0,067	FALSE
0,074	0,302	0,003	0,011	0,100	FALSE
0,073	0,295	0,001	0,008	0,058	FALSE
0,037	0,297	0,001	0,011	0,047	FALSE
0,009	0,313	0,002	0,010	0,064	FALSE
-0,114	0,304	-0,004	0,012	0,132	FALSE
-0,038	0,309	-0,003	0,013	0,093	FALSE
0,099	0,292	0,003	0,007	0,150	FALSE
0,075	0,297	0,002	0,008	0,109	FALSE
0,107	0,305	0,003	0,009	0,152	FALSE
-0,120	0,300	-0,004	0,009	0,158	FALSE
0,092	0,314	0,005	0,013	0,147	FALSE
-0,059	0,303	-0,001	0,010	0,053	FALSE
-0,048	0,309	-0,001	0,007	0,055	FALSE
0,138	0,298	0,005	0,010	0,200	FALSE
-0,066	0,303	-0,003	0,012	0,099	FALSE
0,111	0,310	0,002	0,006	0,135	FALSE
-0,003	0,302	-0,001	0,010	0,023	FALSE
0,056	0,303	0,002	0,008	0,082	FALSE
0,067	0,304	0,002	0,008	0,083	FALSE
0,060	0,298	0,003	0,012	0,101	FALSE
0,034	0,306	0,001	0,007	0,053	FALSE
0,128	0,311	0,003	0,007	0,158	FALSE

0,163	0,304	0,004	0,009	0,211	FALSE
0,015	0,310	0,000	0,011	0,006	FALSE
-0,028	0,301	-0,001	0,011	0,046	FALSE
0,045	0,311	0,000	0,007	0,026	FALSE
0,021	0,296	0,000	0,012	0,015	FALSE
-0,011	0,296	-0,001	0,012	0,032	FALSE
0,022	0,320	0,000	0,013	0,001	FALSE
0,028	0,300	0,001	0,011	0,019	FALSE
0,034	0,300	0,001	0,008	0,057	FALSE
-0,085	0,307	-0,002	0,008	0,115	FALSE
-0,136	0,301	-0,004	0,010	0,175	FALSE
-0,141	0,299	-0,005	0,010	0,224	FALSE
-0,015	0,298	-0,002	0,012	0,058	FALSE
-0,060	0,308	-0,001	0,006	0,071	FALSE
-0,024	0,297	-0,001	0,011	0,036	FALSE
-0,063	0,298	-0,003	0,011	0,090	FALSE
-0,122	0,299	-0,004	0,009	0,189	FALSE
-0,086	0,309	-0,004	0,012	0,121	FALSE
0,194	0,304	0,007	0,012	0,277	FALSE
-0,096	0,300	-0,004	0,011	0,128	FALSE
-0,077	0,311	-0,002	0,009	0,065	FALSE
0,006	0,302	0,000	0,009	0,015	FALSE
0,047	0,297	0,001	0,009	0,030	FALSE
-0,052	0,321	-0,002	0,013	0,059	FALSE
0,058	0,309	0,001	0,010	0,042	FALSE
0,044	0,316	0,001	0,009	0,019	FALSE
-0,006	0,291	-0,001	0,009	0,044	FALSE
-0,001	0,302	-0,001	0,009	0,032	FALSE
0,016	0,312	0,000	0,010	0,013	FALSE
0,067	0,311	0,003	0,012	0,089	FALSE
-0,014	0,307	-0,002	0,012	0,047	FALSE
0,014	0,322	0,001	0,009	0,058	FALSE
0,047	0,317	0,003	0,011	0,098	FALSE
0,092	0,300	0,003	0,007	0,139	FALSE
-0,156	0,311	-0,005	0,009	0,233	FALSE
-0,008	0,312	0,000	0,008	0,006	FALSE
0,097	0,293	0,003	0,006	0,171	FALSE
0,177	0,304	0,005	0,008	0,245	FALSE
0,022	0,306	0,001	0,006	0,039	FALSE
-0,035	0,312	-0,001	0,007	0,027	FALSE
-0,020	0,298	-0,001	0,010	0,023	FALSE
-0,019	0,304	0,000	0,010	0,010	FALSE
0,064	0,303	0,002	0,010	0,061	FALSE
0,006	0,311	0,000	0,007	0,009	FALSE
0,052	0,302	0,003	0,011	0,087	FALSE
0,066	0,317	0,003	0,013	0,099	FALSE
-0,014	0,299	0,000	0,012	0,002	FALSE
0,087	0,307	0,002	0,009	0,095	FALSE
0,065	0,297	0,002	0,009	0,073	FALSE
0,057	0,306	0,001	0,008	0,059	FALSE
-0,030	0,324	-0,001	0,009	0,023	FALSE
-0,001	0,298	0,001	0,008	0,033	FALSE
-0,044	0,313	-0,001	0,008	0,070	FALSE

0,005	0,301	0,000	0,007	0,010	FALSE
-0,150	0,299	-0,004	0,008	0,183	FALSE
-0,025	0,309	-0,001	0,006	0,052	FALSE
0,136	0,312	0,006	0,013	0,205	FALSE
0,122	0,308	0,006	0,012	0,185	FALSE
0,104	0,303	0,004	0,012	0,133	FALSE
-0,147	0,288	-0,005	0,010	0,195	FALSE
0,187	0,299	0,005	0,009	0,253	FALSE
-0,119	0,323	-0,002	0,007	0,137	FALSE
0,058	0,293	0,003	0,010	0,107	FALSE
-0,028	0,311	-0,002	0,012	0,052	FALSE
0,154	0,303	0,005	0,011	0,195	FALSE
0,089	0,310	0,002	0,006	0,135	FALSE
-0,123	0,290	-0,005	0,011	0,174	FALSE
-0,143	0,293	-0,005	0,011	0,199	FALSE
-0,042	0,297	-0,001	0,012	0,045	FALSE
0,125	0,307	0,003	0,007	0,188	FALSE
0,171	0,300	0,007	0,012	0,227	FALSE
-0,088	0,314	-0,002	0,009	0,085	FALSE
-0,092	0,309	-0,002	0,008	0,094	FALSE
0,218	0,296	0,009	0,012	0,347	FALSE
-0,045	0,303	-0,002	0,013	0,046	FALSE
0,069	0,319	0,002	0,013	0,057	FALSE
0,034	0,305	0,002	0,011	0,082	FALSE
0,096	0,312	0,003	0,010	0,114	FALSE
0,074	0,305	0,001	0,007	0,052	FALSE
0,125	0,289	0,004	0,008	0,211	FALSE
0,049	0,293	0,001	0,008	0,056	FALSE
0,127	0,302	0,006	0,012	0,188	FALSE
-0,051	0,300	-0,002	0,006	0,102	FALSE
-0,073	0,309	-0,002	0,007	0,115	FALSE
0,119	0,307	0,004	0,010	0,173	FALSE
0,054	0,315	0,001	0,008	0,047	FALSE
0,048	0,291	0,003	0,013	0,084	FALSE
-0,089	0,314	-0,002	0,007	0,103	FALSE
-0,025	0,313	-0,001	0,007	0,056	FALSE
-0,063	0,302	-0,001	0,007	0,065	FALSE
-0,080	0,303	-0,003	0,012	0,082	FALSE
-0,060	0,300	-0,001	0,007	0,068	FALSE
-0,046	0,310	-0,001	0,008	0,058	FALSE
0,053	0,302	0,002	0,008	0,085	FALSE
-0,029	0,300	-0,002	0,012	0,067	FALSE
-0,012	0,309	0,000	0,006	0,026	FALSE
0,039	0,319	0,002	0,012	0,051	FALSE
-0,064	0,312	-0,001	0,007	0,047	FALSE
0,001	0,301	0,000	0,006	0,003	FALSE
-0,057	0,302	-0,001	0,007	0,073	FALSE
0,016	0,306	0,001	0,012	0,040	FALSE
-0,194	0,305	-0,006	0,010	0,289	FALSE
0,132	0,314	0,003	0,008	0,152	FALSE
0,017	0,319	0,001	0,010	0,021	FALSE
-0,020	0,300	-0,001	0,009	0,032	FALSE
0,001	0,311	0,000	0,007	0,000	FALSE

-0,051	0,317	-0,002	0,010	0,068	FALSE
-0,023	0,300	-0,001	0,007	0,027	FALSE
-0,133	0,296	-0,004	0,009	0,178	FALSE
0,001	0,313	0,000	0,010	0,007	FALSE
0,113	0,299	0,002	0,008	0,098	FALSE
0,003	0,305	0,001	0,011	0,033	FALSE
0,017	0,303	0,001	0,010	0,021	FALSE
0,035	0,315	0,001	0,010	0,048	FALSE
-0,003	0,317	-0,001	0,011	0,028	FALSE
0,100	0,297	0,003	0,011	0,090	FALSE
-0,062	0,308	-0,001	0,006	0,053	FALSE
0,051	0,306	0,001	0,008	0,024	FALSE
0,056	0,318	0,002	0,011	0,061	FALSE
-0,042	0,310	-0,001	0,007	0,061	FALSE
-0,015	0,307	0,000	0,008	0,011	FALSE
-0,099	0,319	-0,002	0,010	0,080	FALSE
-0,011	0,309	0,000	0,013	0,010	FALSE
-0,001	0,306	0,000	0,012	0,001	FALSE
-0,012	0,316	-0,001	0,013	0,017	FALSE
0,002	0,315	0,000	0,012	0,000	FALSE
0,011	0,314	0,000	0,007	0,004	FALSE
-0,057	0,313	-0,002	0,008	0,072	FALSE
-0,043	0,307	-0,001	0,006	0,041	FALSE
0,041	0,301	0,002	0,012	0,057	FALSE
-0,068	0,295	-0,001	0,006	0,062	FALSE
-0,012	0,317	-0,001	0,010	0,025	FALSE
0,040	0,304	0,001	0,009	0,053	FALSE
0,084	0,311	0,002	0,008	0,118	FALSE
-0,081	0,324	-0,002	0,007	0,102	FALSE
-0,047	0,304	0,000	0,012	0,010	FALSE
0,000	0,314	0,000	0,009	0,016	FALSE
-0,069	0,319	-0,002	0,007	0,086	FALSE
-0,029	0,303	-0,001	0,007	0,053	FALSE
-0,138	0,310	-0,004	0,008	0,193	FALSE
-0,180	0,284	-0,005	0,007	0,275	FALSE
-0,147	0,291	-0,004	0,009	0,200	FALSE
-0,223	0,305	-0,009	0,012	0,336	FALSE
-0,055	0,301	-0,001	0,006	0,049	FALSE
0,108	0,301	0,003	0,007	0,157	FALSE
0,077	0,301	0,002	0,008	0,117	FALSE
0,076	0,300	0,001	0,007	0,069	FALSE
0,031	0,309	0,001	0,007	0,039	FALSE
0,079	0,318	0,002	0,010	0,080	FALSE
-0,027	0,326	-0,001	0,012	0,020	FALSE
0,134	0,308	0,004	0,009	0,200	FALSE
-0,136	0,286	-0,003	0,008	0,172	FALSE
0,018	0,301	0,001	0,008	0,029	FALSE
0,027	0,311	0,000	0,009	0,013	FALSE
-0,139	0,291	-0,006	0,012	0,182	FALSE
0,000	0,313	0,000	0,007	0,015	FALSE
0,171	0,289	0,006	0,009	0,309	FALSE
0,051	0,324	0,001	0,009	0,034	FALSE
0,018	0,316	0,000	0,010	0,009	FALSE

-0,153	0,303	-0,003	0,006	0,224	FALSE
0,208	0,293	0,007	0,010	0,288	FALSE
0,071	0,310	0,002	0,007	0,097	FALSE
0,166	0,303	0,006	0,011	0,229	FALSE
-0,011	0,296	-0,001	0,011	0,035	FALSE
0,098	0,305	0,003	0,010	0,116	FALSE
-0,042	0,309	-0,001	0,007	0,063	FALSE
-0,094	0,304	-0,003	0,010	0,139	FALSE
0,031	0,303	0,000	0,007	0,018	FALSE
0,020	0,300	0,001	0,008	0,065	FALSE
0,080	0,301	0,003	0,012	0,104	FALSE
-0,057	0,309	-0,002	0,009	0,071	FALSE
-0,043	0,305	-0,001	0,007	0,070	FALSE
-0,043	0,300	-0,001	0,006	0,056	FALSE
-0,068	0,309	-0,001	0,007	0,075	FALSE
-0,088	0,305	-0,002	0,007	0,101	FALSE
0,018	0,310	0,000	0,011	0,002	FALSE
-0,054	0,295	-0,001	0,006	0,061	FALSE
-0,096	0,310	-0,003	0,009	0,131	FALSE
0,109	0,302	0,005	0,012	0,171	FALSE
-0,058	0,313	-0,002	0,011	0,075	FALSE
0,125	0,295	0,003	0,008	0,184	FALSE
0,004	0,325	0,000	0,012	0,000	FALSE
-0,242	0,286	-0,008	0,011	0,359	FALSE
-0,066	0,307	-0,002	0,006	0,102	FALSE
-0,134	0,310	-0,004	0,009	0,185	FALSE
0,113	0,309	0,002	0,008	0,118	FALSE
0,079	0,326	0,002	0,010	0,083	FALSE
-0,034	0,308	0,000	0,008	0,022	FALSE
0,020	0,310	0,001	0,008	0,043	FALSE
-0,041	0,308	-0,001	0,009	0,048	FALSE
0,066	0,293	0,002	0,010	0,066	FALSE
-0,023	0,308	-0,001	0,008	0,049	FALSE
-0,022	0,311	0,000	0,007	0,005	FALSE
0,030	0,297	0,001	0,009	0,027	FALSE
-0,050	0,318	-0,002	0,012	0,048	FALSE
0,159	0,307	0,003	0,007	0,198	FALSE
-0,006	0,312	-0,001	0,010	0,021	FALSE
-0,041	0,306	0,000	0,007	0,022	FALSE
-0,048	0,310	-0,001	0,007	0,044	FALSE
0,056	0,313	0,001	0,007	0,057	FALSE
-0,060	0,302	-0,002	0,008	0,079	FALSE
0,033	0,312	0,001	0,007	0,055	FALSE
-0,083	0,293	-0,002	0,012	0,079	FALSE
-0,131	0,302	-0,005	0,011	0,204	FALSE
-0,009	0,316	-0,001	0,011	0,025	FALSE
0,084	0,307	0,003	0,010	0,135	FALSE
0,067	0,312	0,002	0,012	0,069	FALSE
0,059	0,320	0,002	0,012	0,063	FALSE
0,008	0,321	0,000	0,010	0,008	FALSE
-0,030	0,308	-0,001	0,006	0,032	FALSE
0,078	0,301	0,002	0,006	0,122	FALSE
0,047	0,309	0,001	0,007	0,055	FALSE

0,041	0,302	0,001	0,007	0,045	FALSE
0,083	0,301	0,002	0,012	0,065	FALSE
0,026	0,301	0,000	0,012	0,006	FALSE
-0,014	0,305	-0,001	0,010	0,042	FALSE
0,053	0,300	0,001	0,007	0,030	FALSE
-0,045	0,309	-0,002	0,012	0,056	FALSE
-0,056	0,299	-0,001	0,008	0,057	FALSE
-0,113	0,299	-0,002	0,006	0,164	FALSE
-0,036	0,316	0,000	0,007	0,024	FALSE
0,110	0,306	0,005	0,012	0,175	FALSE
0,005	0,312	0,001	0,012	0,033	FALSE
0,069	0,306	0,001	0,006	0,067	FALSE
-0,012	0,308	-0,001	0,010	0,024	FALSE
-0,032	0,314	-0,001	0,011	0,025	FALSE
0,043	0,295	0,002	0,010	0,070	FALSE
0,128	0,297	0,003	0,006	0,184	FALSE
-0,042	0,302	-0,002	0,012	0,048	FALSE
0,077	0,317	0,003	0,010	0,121	FALSE
0,139	0,302	0,003	0,006	0,233	FALSE
0,049	0,311	0,002	0,007	0,088	FALSE
0,037	0,312	0,002	0,009	0,075	FALSE
-0,031	0,308	-0,001	0,009	0,020	FALSE
-0,043	0,315	-0,001	0,010	0,043	FALSE
-0,010	0,296	0,000	0,008	0,005	FALSE
0,091	0,304	0,003	0,008	0,165	FALSE
0,160	0,301	0,006	0,011	0,252	FALSE
0,050	0,311	0,001	0,012	0,028	FALSE
-0,058	0,301	-0,001	0,010	0,039	FALSE
-0,044	0,304	-0,001	0,007	0,076	FALSE
-0,058	0,302	-0,002	0,010	0,065	FALSE
0,134	0,303	0,003	0,007	0,148	FALSE
0,009	0,307	0,001	0,013	0,023	FALSE
-0,043	0,300	-0,001	0,008	0,055	FALSE
0,019	0,307	0,001	0,010	0,046	FALSE
0,020	0,300	0,001	0,008	0,052	FALSE
0,017	0,305	0,001	0,009	0,035	FALSE
0,085	0,296	0,004	0,012	0,142	FALSE
-0,014	0,324	0,000	0,009	0,006	FALSE
-0,140	0,291	-0,006	0,012	0,206	FALSE
-0,005	0,300	0,000	0,012	0,004	FALSE
0,018	0,293	0,001	0,009	0,037	FALSE
-0,025	0,306	-0,001	0,011	0,025	FALSE
0,079	0,307	0,003	0,012	0,102	FALSE
-0,037	0,305	-0,001	0,008	0,033	FALSE
0,012	0,306	0,001	0,010	0,032	FALSE
0,026	0,306	0,001	0,006	0,031	FALSE
-0,145	0,296	-0,005	0,010	0,224	FALSE
0,055	0,303	0,002	0,012	0,054	FALSE
-0,098	0,311	-0,002	0,010	0,089	FALSE
-0,084	0,291	-0,003	0,008	0,145	FALSE
0,025	0,305	0,000	0,008	0,011	FALSE
0,002	0,301	0,000	0,006	0,009	FALSE
0,011	0,300	0,000	0,010	0,001	FALSE

-0,046	0,290	-0,001	0,012	0,043	FALSE
-0,072	0,308	-0,003	0,011	0,096	FALSE
-0,174	0,309	-0,004	0,007	0,235	FALSE
-0,027	0,309	0,000	0,008	0,015	FALSE
0,164	0,297	0,004	0,006	0,265	FALSE
-0,041	0,300	-0,001	0,007	0,063	FALSE
0,116	0,308	0,003	0,008	0,151	FALSE
-0,062	0,314	-0,003	0,012	0,083	FALSE
-0,001	0,314	-0,001	0,007	0,040	FALSE
-0,017	0,323	0,000	0,011	0,010	FALSE
0,048	0,311	0,001	0,008	0,029	FALSE
0,124	0,300	0,003	0,007	0,179	FALSE
-0,043	0,314	-0,001	0,008	0,051	FALSE
-0,066	0,308	-0,002	0,007	0,098	FALSE
-0,030	0,311	-0,001	0,008	0,038	FALSE
0,022	0,309	0,001	0,008	0,030	FALSE
0,167	0,303	0,006	0,011	0,222	FALSE
-0,029	0,321	-0,001	0,007	0,028	FALSE
-0,090	0,314	-0,003	0,009	0,122	FALSE
0,138	0,291	0,006	0,012	0,205	FALSE
-0,017	0,320	-0,001	0,012	0,030	FALSE
-0,080	0,291	-0,002	0,007	0,105	FALSE
-0,079	0,301	-0,004	0,012	0,142	FALSE
-0,046	0,313	-0,001	0,006	0,046	FALSE
-0,045	0,310	-0,001	0,010	0,033	FALSE
-0,173	0,292	-0,005	0,009	0,238	FALSE
0,038	0,308	0,001	0,007	0,036	FALSE
0,060	0,305	0,001	0,007	0,080	FALSE
0,055	0,307	0,001	0,010	0,053	FALSE
0,103	0,306	0,003	0,010	0,093	FALSE
0,030	0,305	0,001	0,008	0,031	FALSE
0,020	0,311	0,001	0,012	0,017	FALSE
-0,067	0,316	-0,003	0,011	0,118	FALSE
-0,087	0,310	-0,004	0,011	0,131	FALSE
0,197	0,289	0,008	0,011	0,329	FALSE
0,021	0,304	0,001	0,007	0,048	FALSE
-0,078	0,310	-0,004	0,013	0,116	FALSE
0,120	0,298	0,003	0,007	0,164	FALSE
-0,172	0,303	-0,007	0,012	0,229	FALSE
-0,101	0,296	-0,003	0,007	0,153	FALSE
-0,039	0,310	-0,001	0,010	0,042	FALSE
0,150	0,313	0,003	0,007	0,162	FALSE
0,021	0,295	0,001	0,010	0,033	FALSE
-0,036	0,315	-0,001	0,013	0,032	FALSE
0,121	0,307	0,002	0,006	0,148	FALSE
0,032	0,302	0,001	0,010	0,022	FALSE
-0,061	0,308	-0,001	0,007	0,069	FALSE
-0,015	0,296	0,000	0,006	0,005	FALSE
-0,059	0,308	-0,001	0,010	0,051	FALSE
-0,093	0,302	-0,004	0,012	0,125	FALSE
0,180	0,301	0,006	0,009	0,289	FALSE
0,122	0,302	0,004	0,007	0,212	FALSE
-0,240	0,296	-0,009	0,010	0,386	FALSE

-0,040	0,305	-0,001	0,009	0,026	FALSE
-0,012	0,318	0,000	0,013	0,013	FALSE
-0,064	0,301	-0,002	0,010	0,066	FALSE
0,011	0,314	0,001	0,009	0,037	FALSE
-0,033	0,309	-0,001	0,008	0,054	FALSE
-0,092	0,304	-0,002	0,008	0,095	FALSE
0,082	0,301	0,002	0,007	0,124	FALSE
-0,100	0,312	-0,002	0,008	0,094	FALSE
0,040	0,302	0,001	0,008	0,041	FALSE
0,066	0,296	0,002	0,008	0,086	FALSE
-0,073	0,312	-0,001	0,007	0,062	FALSE
-0,098	0,305	-0,004	0,011	0,132	FALSE
-0,120	0,288	-0,004	0,010	0,161	FALSE
-0,067	0,313	-0,003	0,012	0,103	FALSE
-0,008	0,328	0,000	0,008	0,015	FALSE
-0,050	0,303	-0,002	0,007	0,080	FALSE
0,000	0,299	0,000	0,006	0,025	FALSE
-0,115	0,307	-0,002	0,006	0,129	FALSE
0,002	0,315	0,001	0,013	0,024	FALSE
-0,092	0,310	-0,002	0,007	0,136	FALSE
0,015	0,317	0,001	0,010	0,031	FALSE
0,007	0,293	0,001	0,012	0,027	FALSE
-0,021	0,311	-0,001	0,012	0,034	FALSE
0,024	0,296	0,001	0,007	0,037	FALSE
-0,079	0,311	-0,003	0,012	0,101	FALSE
0,081	0,297	0,002	0,008	0,112	FALSE
-0,132	0,302	-0,004	0,012	0,140	FALSE
-0,045	0,308	-0,002	0,007	0,083	FALSE
-0,151	0,299	-0,003	0,006	0,205	FALSE
0,049	0,300	0,002	0,010	0,065	FALSE
-0,139	0,299	-0,004	0,009	0,194	FALSE
-0,125	0,304	-0,004	0,010	0,182	FALSE
-0,134	0,306	-0,004	0,010	0,182	FALSE
-0,135	0,299	-0,004	0,010	0,184	FALSE
-0,054	0,305	-0,002	0,011	0,069	FALSE
-0,117	0,298	-0,003	0,007	0,161	FALSE
0,128	0,298	0,003	0,007	0,194	FALSE
0,030	0,301	0,002	0,011	0,055	FALSE
-0,048	0,306	-0,001	0,009	0,047	FALSE
-0,008	0,314	0,000	0,009	0,002	FALSE
0,088	0,297	0,004	0,011	0,140	FALSE
-0,058	0,318	-0,001	0,007	0,081	FALSE
-0,084	0,311	-0,002	0,007	0,105	FALSE
0,100	0,302	0,004	0,011	0,124	FALSE
0,101	0,283	0,004	0,010	0,168	FALSE
-0,030	0,309	-0,001	0,007	0,051	FALSE
-0,028	0,307	-0,001	0,009	0,026	FALSE
-0,070	0,312	-0,001	0,007	0,077	FALSE
0,055	0,305	0,002	0,009	0,081	FALSE
0,100	0,303	0,003	0,007	0,161	FALSE
0,016	0,303	0,001	0,012	0,039	FALSE
0,200	0,311	0,004	0,007	0,264	FALSE
0,077	0,296	0,003	0,009	0,126	FALSE

0,055	0,288	0,002	0,009	0,103	FALSE
-0,137	0,305	-0,003	0,007	0,168	FALSE
-0,016	0,321	0,000	0,010	0,012	FALSE
0,069	0,306	0,001	0,008	0,063	FALSE
-0,009	0,299	0,000	0,011	0,003	FALSE
-0,076	0,301	-0,002	0,007	0,092	FALSE
-0,064	0,307	-0,001	0,007	0,073	FALSE
-0,093	0,306	-0,001	0,007	0,069	FALSE
-0,011	0,299	-0,001	0,012	0,023	FALSE
0,004	0,311	0,000	0,008	0,004	FALSE
-0,003	0,303	-0,001	0,012	0,018	FALSE
-0,022	0,302	-0,001	0,012	0,037	FALSE
0,057	0,295	0,002	0,010	0,076	FALSE
0,101	0,301	0,004	0,011	0,141	FALSE
0,058	0,309	0,002	0,009	0,065	FALSE
0,015	0,313	0,000	0,011	0,001	FALSE
-0,221	0,292	-0,005	0,007	0,313	FALSE
-0,140	0,308	-0,005	0,009	0,213	FALSE
0,031	0,321	0,001	0,008	0,047	FALSE
0,113	0,311	0,004	0,012	0,128	FALSE
0,104	0,312	0,003	0,011	0,096	FALSE
0,036	0,300	0,001	0,007	0,051	FALSE
0,008	0,298	0,000	0,008	0,005	FALSE
0,092	0,310	0,004	0,012	0,113	FALSE
-0,066	0,306	-0,002	0,013	0,064	FALSE
0,080	0,310	0,003	0,011	0,111	FALSE
-0,136	0,281	-0,005	0,012	0,161	FALSE
-0,059	0,308	-0,001	0,008	0,047	FALSE
-0,097	0,301	-0,003	0,011	0,087	FALSE
0,101	0,300	0,003	0,006	0,178	FALSE
-0,021	0,311	-0,001	0,009	0,039	FALSE
0,196	0,303	0,005	0,008	0,284	FALSE
0,097	0,301	0,004	0,013	0,125	FALSE
-0,043	0,300	-0,001	0,009	0,037	FALSE
0,128	0,298	0,006	0,012	0,199	FALSE
-0,021	0,325	-0,001	0,011	0,018	FALSE
-0,002	0,308	0,000	0,010	0,004	FALSE
-0,009	0,310	0,000	0,007	0,005	FALSE
-0,071	0,314	-0,001	0,006	0,073	FALSE
0,008	0,312	0,000	0,012	0,004	FALSE
0,067	0,308	0,003	0,012	0,086	FALSE
0,070	0,312	0,002	0,013	0,058	FALSE
-0,062	0,316	-0,002	0,012	0,059	FALSE
-0,015	0,307	-0,001	0,008	0,029	FALSE
0,025	0,292	0,001	0,011	0,038	FALSE
0,029	0,320	0,001	0,008	0,033	FALSE
0,044	0,302	0,003	0,012	0,080	FALSE
0,023	0,312	0,000	0,007	0,023	FALSE
0,096	0,309	0,002	0,007	0,138	FALSE
-0,125	0,307	-0,003	0,007	0,171	FALSE
0,149	0,297	0,004	0,007	0,229	FALSE
0,060	0,299	0,002	0,009	0,071	FALSE
0,025	0,300	0,001	0,009	0,040	FALSE

-0,145	0,300	-0,003	0,008	0,181	FALSE
0,106	0,313	0,003	0,010	0,121	FALSE
-0,059	0,316	-0,002	0,009	0,100	FALSE
0,201	0,277	0,006	0,007	0,352	FALSE
0,162	0,294	0,005	0,008	0,291	FALSE
-0,047	0,305	-0,002	0,011	0,071	FALSE
-0,035	0,310	-0,002	0,011	0,068	FALSE
-0,113	0,320	-0,003	0,007	0,161	FALSE
-0,130	0,306	-0,004	0,008	0,210	FALSE
0,160	0,296	0,004	0,006	0,251	FALSE
0,072	0,296	0,002	0,006	0,107	FALSE
-0,146	0,306	-0,003	0,006	0,212	FALSE
0,002	0,301	0,000	0,011	0,000	FALSE
0,043	0,300	0,002	0,010	0,092	FALSE
0,025	0,305	0,002	0,010	0,074	FALSE
-0,057	0,322	-0,001	0,008	0,062	FALSE
-0,028	0,308	-0,001	0,009	0,025	FALSE
-0,059	0,307	-0,002	0,010	0,068	FALSE
-0,140	0,298	-0,003	0,008	0,162	FALSE
-0,071	0,300	-0,003	0,010	0,128	FALSE
-0,177	0,308	-0,006	0,010	0,277	FALSE
-0,002	0,315	0,000	0,012	0,013	FALSE
0,098	0,311	0,003	0,012	0,113	FALSE
-0,040	0,305	0,000	0,007	0,018	FALSE
0,018	0,313	0,000	0,007	0,018	FALSE
0,100	0,314	0,005	0,012	0,150	FALSE
0,286	0,289	0,008	0,009	0,461	FALSE
0,103	0,296	0,004	0,009	0,173	FALSE
0,081	0,316	0,003	0,009	0,122	FALSE
-0,130	0,315	-0,003	0,008	0,138	FALSE
0,014	0,302	0,000	0,012	0,011	FALSE
-0,006	0,313	-0,001	0,007	0,028	FALSE
0,016	0,301	0,001	0,006	0,044	FALSE
-0,032	0,323	-0,001	0,008	0,043	FALSE
0,127	0,298	0,004	0,012	0,126	FALSE
0,036	0,321	0,001	0,009	0,046	FALSE
-0,011	0,316	-0,001	0,010	0,037	FALSE
-0,034	0,306	-0,001	0,007	0,058	FALSE
0,018	0,295	0,000	0,008	0,000	FALSE
-0,047	0,302	-0,002	0,012	0,056	FALSE
-0,100	0,295	-0,004	0,011	0,133	FALSE
-0,045	0,300	-0,002	0,012	0,048	FALSE
0,062	0,310	0,001	0,007	0,046	FALSE
-0,038	0,305	-0,001	0,006	0,033	FALSE
-0,004	0,306	-0,001	0,009	0,022	FALSE
0,026	0,301	0,001	0,006	0,031	FALSE
-0,029	0,299	0,000	0,008	0,011	FALSE
-0,083	0,304	-0,004	0,013	0,115	FALSE
0,056	0,298	0,001	0,006	0,062	FALSE
0,019	0,303	0,001	0,007	0,028	FALSE
0,071	0,314	0,003	0,012	0,093	FALSE
-0,117	0,305	-0,003	0,008	0,186	FALSE
-0,026	0,323	-0,001	0,006	0,028	FALSE

0,038	0,301	0,001	0,009	0,029	FALSE
0,036	0,296	0,000	0,010	0,005	FALSE
-0,057	0,301	-0,001	0,013	0,031	FALSE
0,018	0,305	0,001	0,009	0,037	FALSE
-0,094	0,304	-0,001	0,006	0,086	FALSE
-0,074	0,299	-0,002	0,006	0,099	FALSE
0,125	0,305	0,003	0,007	0,166	FALSE
0,015	0,290	0,000	0,010	0,005	FALSE
-0,019	0,319	0,000	0,007	0,014	FALSE
-0,071	0,298	-0,002	0,007	0,087	FALSE
0,083	0,315	0,003	0,012	0,105	FALSE
-0,120	0,303	-0,005	0,011	0,175	FALSE
-0,081	0,298	-0,002	0,008	0,089	FALSE
0,064	0,303	0,003	0,012	0,087	FALSE
0,052	0,294	0,002	0,007	0,091	FALSE
0,026	0,301	0,001	0,012	0,042	FALSE
0,078	0,323	0,003	0,012	0,097	FALSE
0,058	0,304	0,002	0,008	0,106	FALSE
-0,007	0,309	0,000	0,009	0,012	FALSE
-0,131	0,301	-0,003	0,007	0,166	FALSE
0,047	0,304	0,002	0,012	0,080	FALSE
0,010	0,289	0,001	0,011	0,031	FALSE
-0,061	0,321	-0,002	0,011	0,074	FALSE
-0,027	0,313	-0,001	0,011	0,016	FALSE
0,119	0,307	0,006	0,012	0,196	FALSE
0,021	0,299	0,001	0,006	0,063	FALSE
0,061	0,303	0,002	0,006	0,101	FALSE
0,014	0,294	-0,001	0,012	0,031	FALSE
0,099	0,308	0,003	0,008	0,134	FALSE
0,057	0,299	0,001	0,007	0,051	FALSE
-0,135	0,312	-0,003	0,008	0,165	FALSE
0,111	0,300	0,003	0,008	0,141	FALSE
-0,051	0,296	-0,001	0,008	0,037	FALSE
0,037	0,310	0,001	0,010	0,043	FALSE
0,039	0,308	0,002	0,009	0,061	FALSE
-0,034	0,303	-0,002	0,012	0,047	FALSE
0,030	0,320	0,001	0,009	0,057	FALSE
-0,093	0,300	-0,003	0,010	0,134	FALSE
0,023	0,298	0,001	0,010	0,047	FALSE
-0,013	0,306	-0,001	0,008	0,028	FALSE
-0,112	0,305	-0,003	0,008	0,156	FALSE
-0,101	0,319	-0,004	0,012	0,135	FALSE
-0,017	0,303	-0,001	0,007	0,027	FALSE
0,140	0,303	0,004	0,010	0,163	FALSE
0,133	0,297	0,004	0,010	0,146	FALSE
0,095	0,305	0,003	0,013	0,084	FALSE
-0,065	0,306	-0,001	0,006	0,051	FALSE
-0,101	0,304	-0,002	0,006	0,156	FALSE
-0,085	0,312	-0,002	0,007	0,105	FALSE
0,150	0,307	0,005	0,011	0,185	FALSE
0,019	0,316	0,000	0,008	0,018	FALSE
0,034	0,311	0,002	0,008	0,073	FALSE
0,027	0,320	0,001	0,007	0,050	FALSE

0,058	0,317	0,002	0,009	0,092	FALSE
0,029	0,302	0,000	0,007	0,004	FALSE
-0,023	0,308	0,000	0,012	0,014	FALSE
-0,094	0,304	-0,002	0,006	0,123	FALSE
0,077	0,312	0,002	0,007	0,087	FALSE
-0,083	0,303	-0,001	0,006	0,083	FALSE
-0,022	0,297	-0,002	0,011	0,068	FALSE
0,059	0,304	0,002	0,007	0,101	FALSE
0,015	0,325	0,000	0,008	0,019	FALSE
0,029	0,306	0,001	0,008	0,029	FALSE
-0,021	0,304	0,000	0,008	0,006	FALSE
0,034	0,318	0,001	0,008	0,036	FALSE
-0,043	0,310	-0,001	0,010	0,048	FALSE
-0,051	0,306	-0,002	0,011	0,062	FALSE
0,010	0,312	0,000	0,007	0,007	FALSE
0,028	0,313	0,000	0,013	0,008	FALSE
0,158	0,303	0,004	0,007	0,235	FALSE
0,170	0,309	0,004	0,007	0,211	FALSE
-0,011	0,311	0,000	0,008	0,021	FALSE
-0,017	0,319	0,000	0,007	0,007	FALSE
-0,031	0,298	-0,002	0,011	0,052	FALSE
0,009	0,297	0,000	0,006	0,003	FALSE
-0,063	0,306	-0,003	0,010	0,101	FALSE
0,007	0,302	0,001	0,011	0,024	FALSE
-0,033	0,306	-0,002	0,011	0,054	FALSE
-0,006	0,315	0,000	0,008	0,002	FALSE
-0,061	0,315	-0,001	0,008	0,068	FALSE
-0,060	0,316	-0,001	0,008	0,050	FALSE
0,029	0,307	0,001	0,009	0,039	FALSE
-0,002	0,317	0,000	0,007	0,004	FALSE
-0,078	0,304	-0,002	0,007	0,088	FALSE
0,078	0,320	0,002	0,009	0,083	FALSE
0,004	0,301	-0,001	0,009	0,021	FALSE
-0,172	0,304	-0,005	0,008	0,262	FALSE
0,090	0,294	0,003	0,010	0,136	FALSE
-0,139	0,305	-0,004	0,010	0,175	FALSE
-0,041	0,311	-0,001	0,007	0,080	FALSE
0,008	0,324	0,000	0,007	0,013	FALSE
0,044	0,291	0,001	0,012	0,031	FALSE
-0,031	0,298	-0,001	0,011	0,019	FALSE
-0,031	0,315	-0,001	0,006	0,046	FALSE
0,048	0,305	0,001	0,007	0,040	FALSE
-0,023	0,321	-0,001	0,011	0,040	FALSE
0,000	0,322	0,000	0,007	0,019	FALSE
-0,005	0,306	0,000	0,010	0,004	FALSE
-0,010	0,319	0,000	0,012	0,002	FALSE
-0,130	0,306	-0,005	0,010	0,187	FALSE
0,017	0,307	0,000	0,007	0,013	FALSE
0,018	0,312	0,001	0,007	0,027	FALSE
0,107	0,292	0,003	0,007	0,149	FALSE
0,137	0,302	0,003	0,006	0,177	FALSE
0,112	0,303	0,003	0,007	0,144	FALSE
-0,119	0,296	-0,003	0,007	0,196	FALSE

-0,075	0,323	-0,003	0,010	0,119	FALSE
0,024	0,304	0,001	0,007	0,048	FALSE
0,001	0,306	0,000	0,010	0,013	FALSE
0,002	0,314	0,001	0,011	0,019	FALSE
-0,066	0,326	-0,001	0,008	0,046	FALSE
0,048	0,315	0,001	0,011	0,030	FALSE
-0,044	0,301	-0,001	0,010	0,049	FALSE
-0,030	0,303	-0,001	0,010	0,045	FALSE
0,100	0,301	0,002	0,009	0,099	FALSE
0,089	0,303	0,003	0,012	0,089	FALSE
-0,037	0,312	-0,001	0,011	0,019	FALSE
0,142	0,297	0,005	0,009	0,216	FALSE
0,137	0,296	0,004	0,008	0,203	FALSE
-0,134	0,308	-0,005	0,012	0,195	FALSE
-0,010	0,304	0,000	0,008	0,011	FALSE
-0,058	0,298	-0,001	0,007	0,044	FALSE
0,005	0,299	0,000	0,008	0,012	FALSE
0,155	0,317	0,004	0,008	0,224	FALSE
0,065	0,307	0,003	0,010	0,118	FALSE
-0,036	0,313	-0,001	0,007	0,046	FALSE
-0,004	0,297	-0,001	0,010	0,043	FALSE
0,024	0,306	0,001	0,012	0,037	FALSE
0,149	0,319	0,004	0,007	0,210	FALSE
0,046	0,298	0,001	0,009	0,048	FALSE
-0,017	0,301	0,000	0,007	0,005	FALSE
0,107	0,294	0,004	0,011	0,139	FALSE
-0,006	0,310	0,001	0,008	0,033	FALSE
0,011	0,312	0,000	0,009	0,016	FALSE
-0,090	0,305	-0,003	0,012	0,083	FALSE
0,096	0,303	0,003	0,008	0,135	FALSE
0,086	0,300	0,002	0,008	0,114	FALSE
-0,066	0,295	0,000	0,006	0,024	FALSE
0,016	0,312	0,000	0,007	0,005	FALSE
0,037	0,295	0,002	0,012	0,051	FALSE
0,065	0,298	0,004	0,012	0,131	FALSE
-0,127	0,293	-0,006	0,012	0,213	FALSE
0,010	0,308	0,000	0,009	0,011	FALSE
0,115	0,314	0,002	0,007	0,128	FALSE
-0,114	0,296	-0,003	0,009	0,131	FALSE
-0,035	0,300	-0,002	0,012	0,059	FALSE
-0,124	0,301	-0,003	0,008	0,144	FALSE
0,000	0,293	0,000	0,012	0,004	FALSE
0,003	0,289	0,000	0,011	0,004	FALSE
-0,085	0,318	-0,002	0,007	0,094	FALSE
0,012	0,313	0,001	0,008	0,027	FALSE
0,101	0,296	0,002	0,008	0,123	FALSE
0,068	0,292	0,002	0,008	0,078	FALSE
0,109	0,303	0,003	0,007	0,141	FALSE
0,096	0,291	0,002	0,007	0,128	FALSE
0,063	0,309	0,001	0,007	0,077	FALSE
-0,035	0,307	-0,002	0,012	0,060	FALSE
-0,017	0,297	-0,001	0,012	0,043	FALSE
-0,029	0,313	-0,001	0,008	0,043	FALSE

-0,017	0,299	0,000	0,008	0,021	FALSE
0,015	0,298	0,000	0,007	0,007	FALSE
0,111	0,303	0,004	0,011	0,142	FALSE
0,006	0,292	0,001	0,010	0,038	FALSE
-0,139	0,303	-0,003	0,008	0,152	FALSE
0,015	0,311	0,001	0,010	0,046	FALSE
-0,019	0,301	0,000	0,011	0,013	FALSE
-0,061	0,308	-0,001	0,007	0,045	FALSE
-0,075	0,312	-0,002	0,007	0,114	FALSE
0,050	0,318	0,002	0,009	0,065	FALSE
0,064	0,306	0,002	0,009	0,093	FALSE
-0,022	0,303	0,000	0,006	0,000	FALSE
-0,035	0,314	0,000	0,012	0,015	FALSE
0,015	0,319	0,000	0,013	0,011	FALSE
0,108	0,299	0,004	0,012	0,118	FALSE
0,009	0,290	0,001	0,007	0,028	FALSE
-0,138	0,310	-0,004	0,010	0,179	FALSE
-0,093	0,321	-0,003	0,011	0,109	FALSE
-0,071	0,307	-0,003	0,012	0,076	FALSE
-0,001	0,315	0,000	0,013	0,002	FALSE
0,025	0,317	0,002	0,013	0,043	FALSE
-0,023	0,313	0,000	0,013	0,013	FALSE
0,049	0,304	0,002	0,012	0,076	FALSE
-0,010	0,315	0,000	0,007	0,023	FALSE
0,231	0,273	0,009	0,011	0,379	FALSE
0,171	0,296	0,004	0,007	0,224	FALSE
-0,067	0,299	-0,001	0,007	0,050	FALSE
-0,020	0,310	0,000	0,008	0,010	FALSE
-0,030	0,307	-0,002	0,013	0,051	FALSE
-0,066	0,311	-0,002	0,008	0,096	FALSE
0,083	0,296	0,003	0,012	0,105	FALSE
-0,099	0,311	-0,002	0,009	0,105	FALSE
0,140	0,291	0,004	0,010	0,192	FALSE
-0,072	0,316	-0,002	0,012	0,061	FALSE
-0,172	0,300	-0,005	0,010	0,214	FALSE
-0,028	0,301	-0,001	0,007	0,047	FALSE
0,129	0,298	0,007	0,012	0,243	FALSE
0,064	0,306	0,002	0,007	0,091	FALSE
-0,026	0,315	-0,001	0,012	0,032	FALSE
-0,022	0,289	-0,001	0,008	0,063	FALSE
0,078	0,301	0,004	0,012	0,153	FALSE
-0,032	0,299	-0,002	0,010	0,070	FALSE
-0,073	0,309	-0,002	0,008	0,073	FALSE
-0,047	0,305	-0,001	0,007	0,079	FALSE
-0,136	0,304	-0,005	0,008	0,240	FALSE
0,071	0,311	0,002	0,008	0,120	FALSE
0,066	0,302	0,001	0,009	0,054	FALSE
0,052	0,310	0,001	0,007	0,070	FALSE
-0,009	0,315	0,000	0,013	0,005	FALSE
-0,108	0,300	-0,003	0,007	0,149	FALSE
0,180	0,299	0,003	0,007	0,196	FALSE
-0,008	0,312	0,000	0,007	0,017	FALSE
0,030	0,297	0,002	0,009	0,065	FALSE

0,092	0,294	0,003	0,010	0,106	FALSE
0,019	0,294	0,001	0,007	0,034	FALSE
-0,027	0,324	0,000	0,008	0,006	FALSE
-0,058	0,316	-0,001	0,007	0,072	FALSE
0,030	0,314	0,001	0,010	0,052	FALSE
-0,063	0,308	-0,002	0,007	0,106	FALSE
-0,004	0,301	0,000	0,007	0,010	FALSE
-0,126	0,315	-0,003	0,008	0,139	FALSE
0,175	0,301	0,006	0,009	0,308	FALSE
0,080	0,309	0,004	0,012	0,148	FALSE
0,089	0,300	0,005	0,012	0,155	FALSE
-0,015	0,291	0,000	0,007	0,008	FALSE
-0,051	0,289	-0,002	0,008	0,077	FALSE
0,071	0,290	0,001	0,009	0,033	FALSE
0,002	0,298	0,000	0,009	0,007	FALSE
0,004	0,310	0,000	0,011	0,004	FALSE
0,037	0,309	0,002	0,011	0,051	FALSE
-0,085	0,306	-0,002	0,007	0,110	FALSE
0,072	0,306	0,001	0,006	0,069	FALSE
0,059	0,301	0,001	0,007	0,082	FALSE
-0,023	0,307	-0,001	0,009	0,038	FALSE
-0,043	0,307	-0,001	0,007	0,069	FALSE
0,116	0,305	0,003	0,010	0,122	FALSE
0,012	0,311	0,001	0,006	0,035	FALSE
0,144	0,297	0,004	0,008	0,198	FALSE
-0,165	0,307	-0,006	0,011	0,232	FALSE
0,052	0,306	0,001	0,012	0,030	FALSE
-0,050	0,293	-0,002	0,009	0,068	FALSE
0,084	0,295	0,001	0,007	0,082	FALSE
-0,060	0,295	-0,002	0,011	0,053	FALSE
0,011	0,302	0,000	0,012	0,005	FALSE
0,080	0,314	0,004	0,013	0,113	FALSE
-0,050	0,315	-0,001	0,009	0,059	FALSE
0,095	0,296	0,002	0,008	0,115	FALSE
-0,027	0,296	-0,001	0,012	0,020	FALSE
-0,047	0,311	-0,001	0,006	0,043	FALSE
-0,048	0,307	-0,001	0,011	0,028	FALSE
0,029	0,306	0,001	0,009	0,042	FALSE
-0,015	0,315	-0,001	0,011	0,025	FALSE
0,050	0,296	0,001	0,008	0,040	FALSE
0,105	0,306	0,002	0,006	0,114	FALSE
-0,074	0,301	-0,002	0,008	0,084	FALSE
0,111	0,314	0,004	0,011	0,125	FALSE
-0,133	0,319	-0,005	0,013	0,166	FALSE
0,135	0,305	0,003	0,007	0,187	FALSE
-0,027	0,315	-0,001	0,012	0,027	FALSE
0,009	0,319	0,001	0,013	0,017	FALSE
-0,010	0,296	0,000	0,012	0,008	FALSE
-0,090	0,310	-0,003	0,011	0,108	FALSE
-0,040	0,297	-0,002	0,009	0,071	FALSE
0,082	0,298	0,004	0,010	0,142	FALSE
-0,079	0,312	-0,004	0,011	0,125	FALSE
0,055	0,308	0,002	0,007	0,086	FALSE

0,154	0,309	0,003	0,007	0,205	FALSE
0,075	0,299	0,001	0,007	0,069	FALSE
-0,061	0,310	-0,002	0,011	0,081	FALSE
-0,001	0,297	0,000	0,009	0,008	FALSE
-0,105	0,315	-0,004	0,009	0,157	FALSE
0,055	0,297	0,001	0,006	0,095	FALSE
0,006	0,310	-0,001	0,013	0,031	FALSE
-0,036	0,299	-0,001	0,007	0,036	FALSE
0,052	0,305	0,002	0,009	0,107	FALSE
-0,109	0,293	-0,003	0,008	0,163	FALSE
0,060	0,296	0,001	0,006	0,062	FALSE
0,170	0,300	0,007	0,012	0,228	FALSE
0,042	0,317	0,001	0,009	0,053	FALSE
-0,020	0,307	0,000	0,010	0,015	FALSE
-0,071	0,308	-0,001	0,007	0,067	FALSE
0,088	0,292	0,005	0,012	0,157	FALSE
-0,003	0,298	-0,001	0,008	0,034	FALSE
-0,083	0,287	-0,005	0,012	0,150	FALSE
0,056	0,311	0,001	0,007	0,075	FALSE
-0,051	0,305	-0,002	0,012	0,079	FALSE
-0,124	0,305	-0,006	0,012	0,182	FALSE
-0,038	0,296	-0,001	0,006	0,061	FALSE
-0,076	0,310	-0,003	0,011	0,116	FALSE
0,036	0,307	0,002	0,008	0,073	FALSE
0,038	0,306	0,001	0,008	0,059	FALSE
0,019	0,297	0,000	0,008	0,001	FALSE
-0,063	0,301	-0,001	0,007	0,071	FALSE
0,073	0,310	0,002	0,008	0,099	FALSE
-0,042	0,297	-0,001	0,009	0,056	FALSE
0,094	0,320	0,003	0,012	0,100	FALSE
0,055	0,313	0,002	0,008	0,070	FALSE
0,057	0,319	0,002	0,011	0,054	FALSE
0,124	0,305	0,004	0,009	0,192	FALSE
-0,073	0,316	-0,002	0,012	0,057	FALSE
0,047	0,315	0,001	0,006	0,074	FALSE
-0,073	0,316	-0,002	0,012	0,067	FALSE
-0,027	0,299	-0,001	0,006	0,038	FALSE
0,000	0,316	0,000	0,007	0,012	FALSE
-0,045	0,325	-0,001	0,007	0,050	FALSE
-0,008	0,318	0,000	0,010	0,004	FALSE
-0,030	0,312	-0,001	0,010	0,027	FALSE
-0,114	0,299	-0,003	0,008	0,126	FALSE
-0,003	0,305	0,001	0,008	0,029	FALSE
-0,177	0,301	-0,005	0,008	0,255	FALSE
0,035	0,318	0,001	0,012	0,022	FALSE
-0,092	0,305	-0,002	0,008	0,112	FALSE
-0,013	0,308	-0,001	0,012	0,016	FALSE
0,005	0,317	0,000	0,009	0,008	FALSE
-0,035	0,310	0,000	0,008	0,013	FALSE
-0,048	0,297	-0,002	0,012	0,071	FALSE
0,026	0,302	0,001	0,011	0,044	FALSE
0,028	0,315	0,001	0,011	0,041	FALSE
-0,001	0,308	0,000	0,006	0,023	FALSE

0,050	0,292	0,001	0,007	0,041	FALSE
-0,202	0,295	-0,005	0,007	0,278	FALSE
0,046	0,311	0,001	0,008	0,059	FALSE
0,112	0,311	0,004	0,012	0,131	FALSE
0,059	0,292	0,001	0,007	0,037	FALSE
-0,022	0,310	0,000	0,007	0,007	FALSE
-0,076	0,301	-0,001	0,006	0,067	FALSE
-0,022	0,298	-0,001	0,010	0,055	FALSE
-0,059	0,296	-0,002	0,009	0,086	FALSE
0,085	0,312	0,003	0,011	0,099	FALSE
-0,014	0,306	0,000	0,009	0,005	FALSE
-0,066	0,303	-0,002	0,009	0,108	FALSE
0,029	0,307	0,001	0,013	0,027	FALSE
-0,137	0,306	-0,003	0,007	0,206	FALSE
-0,038	0,323	-0,001	0,011	0,049	FALSE
-0,067	0,292	-0,002	0,008	0,077	FALSE
-0,118	0,304	-0,004	0,012	0,138	FALSE
-0,038	0,307	-0,001	0,008	0,032	FALSE
0,105	0,304	0,003	0,008	0,155	FALSE
-0,027	0,304	0,000	0,012	0,000	FALSE
0,148	0,298	0,004	0,009	0,203	FALSE
-0,099	0,302	-0,005	0,012	0,155	FALSE
-0,079	0,298	-0,001	0,006	0,065	FALSE
-0,001	0,314	0,000	0,007	0,002	FALSE
0,020	0,306	0,001	0,009	0,040	FALSE
-0,056	0,312	-0,001	0,007	0,055	FALSE
-0,044	0,304	-0,001	0,008	0,046	FALSE
-0,043	0,307	-0,001	0,012	0,035	FALSE
-0,152	0,306	-0,004	0,008	0,197	FALSE
-0,038	0,305	-0,001	0,007	0,067	FALSE
0,042	0,299	0,001	0,009	0,055	FALSE
-0,134	0,277	-0,005	0,011	0,188	FALSE
0,057	0,296	0,002	0,007	0,088	FALSE
-0,015	0,312	-0,001	0,007	0,046	FALSE
0,061	0,314	0,001	0,011	0,038	FALSE
0,039	0,298	0,000	0,006	0,004	FALSE
0,063	0,296	0,001	0,009	0,048	FALSE
0,131	0,296	0,005	0,009	0,239	FALSE
0,031	0,295	0,000	0,012	0,005	FALSE
-0,038	0,300	-0,002	0,010	0,078	FALSE
0,033	0,307	0,001	0,010	0,035	FALSE
-0,069	0,294	-0,002	0,009	0,070	FALSE
-0,087	0,299	-0,002	0,011	0,089	FALSE
0,021	0,314	0,001	0,012	0,019	FALSE
-0,037	0,297	-0,001	0,009	0,024	FALSE
0,020	0,322	0,000	0,007	0,011	FALSE
0,006	0,306	0,000	0,008	0,017	FALSE
0,065	0,314	0,003	0,010	0,098	FALSE
-0,107	0,300	-0,003	0,006	0,166	FALSE
0,025	0,305	0,001	0,007	0,048	FALSE
0,048	0,312	0,001	0,007	0,053	FALSE
-0,062	0,321	-0,001	0,010	0,047	FALSE
-0,095	0,298	-0,004	0,012	0,153	FALSE

-0,079	0,310	-0,002	0,008	0,100	FALSE
-0,021	0,313	0,000	0,010	0,006	FALSE
-0,139	0,298	-0,004	0,008	0,197	FALSE
-0,124	0,304	-0,002	0,006	0,126	FALSE
0,064	0,300	0,002	0,008	0,086	FALSE
0,106	0,293	0,005	0,012	0,153	FALSE
-0,055	0,301	-0,002	0,007	0,102	FALSE
-0,160	0,295	-0,005	0,011	0,215	FALSE
-0,041	0,315	-0,001	0,007	0,031	FALSE
-0,009	0,312	0,000	0,010	0,009	FALSE
0,021	0,313	0,001	0,007	0,053	FALSE
0,043	0,318	0,002	0,010	0,060	FALSE
-0,085	0,316	-0,003	0,009	0,125	FALSE
-0,011	0,306	0,000	0,008	0,015	FALSE
-0,100	0,302	-0,002	0,008	0,129	FALSE
0,076	0,298	0,003	0,010	0,099	FALSE
-0,038	0,314	-0,002	0,010	0,061	FALSE
-0,005	0,303	0,000	0,011	0,000	FALSE
-0,056	0,306	-0,003	0,011	0,093	FALSE
0,075	0,304	0,002	0,007	0,098	FALSE
0,098	0,310	0,004	0,011	0,129	FALSE
-0,106	0,304	-0,002	0,007	0,113	FALSE
0,018	0,307	0,001	0,008	0,044	FALSE
-0,187	0,291	-0,005	0,008	0,273	FALSE
-0,011	0,300	0,000	0,007	0,018	FALSE
-0,086	0,304	-0,002	0,007	0,125	FALSE
0,033	0,302	0,001	0,010	0,038	FALSE
0,203	0,307	0,007	0,011	0,282	FALSE
-0,077	0,302	-0,002	0,010	0,057	FALSE
0,048	0,310	0,001	0,009	0,029	FALSE
-0,031	0,300	0,000	0,006	0,022	FALSE
0,007	0,309	0,000	0,010	0,004	FALSE
-0,007	0,315	0,000	0,010	0,000	FALSE
-0,114	0,311	-0,002	0,007	0,134	FALSE
0,020	0,303	0,001	0,010	0,032	FALSE
0,010	0,302	0,000	0,006	0,013	FALSE
0,033	0,303	0,001	0,009	0,036	FALSE
0,078	0,310	0,002	0,011	0,069	FALSE
0,073	0,303	0,002	0,011	0,075	FALSE
0,004	0,304	0,000	0,009	0,012	FALSE
-0,103	0,315	-0,004	0,010	0,152	FALSE
-0,048	0,308	-0,001	0,008	0,054	FALSE
-0,006	0,296	-0,001	0,012	0,031	FALSE
0,002	0,308	-0,001	0,013	0,023	FALSE
0,009	0,324	0,000	0,007	0,012	FALSE
0,050	0,328	0,002	0,010	0,072	FALSE
-0,029	0,314	-0,001	0,008	0,033	FALSE
-0,096	0,315	-0,004	0,010	0,153	FALSE
-0,012	0,303	0,000	0,010	0,012	FALSE
-0,017	0,297	-0,003	0,012	0,082	FALSE
0,012	0,298	0,001	0,008	0,058	FALSE
-0,033	0,302	0,000	0,007	0,021	FALSE
-0,033	0,304	-0,001	0,007	0,043	FALSE

0,012	0,309	0,001	0,012	0,023	FALSE
-0,060	0,315	-0,001	0,006	0,049	FALSE
0,041	0,300	0,002	0,009	0,096	FALSE
0,068	0,303	0,002	0,008	0,080	FALSE
-0,050	0,311	-0,001	0,007	0,066	FALSE
-0,029	0,305	0,000	0,010	0,011	FALSE
-0,053	0,297	-0,001	0,009	0,047	FALSE
0,041	0,312	0,001	0,007	0,028	FALSE
0,032	0,309	0,001	0,007	0,027	FALSE
0,017	0,305	0,000	0,007	0,015	FALSE
0,083	0,296	0,004	0,010	0,140	FALSE
0,024	0,299	0,002	0,009	0,065	FALSE
-0,115	0,298	-0,003	0,007	0,165	FALSE
-0,028	0,325	-0,001	0,009	0,022	FALSE
0,020	0,312	0,001	0,009	0,021	FALSE
-0,070	0,297	-0,002	0,010	0,060	FALSE
-0,163	0,304	-0,004	0,009	0,173	FALSE
-0,086	0,296	-0,002	0,010	0,073	FALSE
0,061	0,300	0,001	0,010	0,054	FALSE
-0,016	0,310	0,000	0,012	0,008	FALSE
-0,018	0,311	-0,001	0,011	0,020	FALSE
0,009	0,311	0,001	0,008	0,028	FALSE
0,100	0,302	0,003	0,007	0,160	FALSE
-0,046	0,301	-0,001	0,010	0,041	FALSE
0,056	0,312	0,002	0,007	0,086	FALSE
-0,119	0,295	-0,002	0,006	0,171	FALSE
0,111	0,308	0,003	0,007	0,191	FALSE
-0,097	0,318	-0,003	0,010	0,113	FALSE
0,042	0,313	0,001	0,008	0,064	FALSE
0,044	0,317	0,002	0,008	0,073	FALSE
-0,086	0,304	-0,003	0,010	0,101	FALSE
0,107	0,303	0,005	0,013	0,143	FALSE
0,126	0,297	0,003	0,007	0,180	FALSE
0,078	0,311	0,001	0,006	0,083	FALSE
0,060	0,299	0,002	0,007	0,081	FALSE
-0,003	0,309	0,000	0,009	0,009	FALSE
-0,064	0,301	-0,002	0,011	0,075	FALSE
-0,045	0,309	-0,001	0,013	0,041	FALSE
-0,134	0,304	-0,006	0,013	0,199	FALSE
0,018	0,313	0,000	0,008	0,003	FALSE
-0,119	0,300	-0,006	0,011	0,231	FALSE
-0,122	0,306	-0,006	0,012	0,206	FALSE
0,016	0,299	0,002	0,010	0,056	FALSE
0,059	0,312	0,001	0,008	0,047	FALSE
-0,175	0,307	-0,005	0,008	0,254	FALSE
0,204	0,306	0,006	0,009	0,277	FALSE
-0,124	0,307	-0,005	0,011	0,204	FALSE
-0,014	0,310	0,000	0,013	0,013	FALSE
0,003	0,316	0,000	0,008	0,012	FALSE
-0,062	0,314	-0,002	0,008	0,074	FALSE
0,009	0,305	0,001	0,010	0,022	FALSE
-0,011	0,298	0,000	0,009	0,017	FALSE
0,011	0,311	0,000	0,007	0,023	FALSE

0,023	0,308	0,000	0,007	0,019	FALSE
0,056	0,309	0,002	0,010	0,065	FALSE
0,055	0,300	0,002	0,010	0,068	FALSE
-0,020	0,314	-0,001	0,009	0,023	FALSE
-0,054	0,319	-0,002	0,010	0,061	FALSE
0,057	0,298	0,002	0,008	0,083	FALSE
-0,126	0,303	-0,004	0,008	0,191	FALSE
0,111	0,303	0,003	0,006	0,167	FALSE
0,075	0,307	0,001	0,008	0,045	FALSE
0,115	0,308	0,003	0,009	0,119	FALSE
0,050	0,293	0,003	0,010	0,103	FALSE
-0,068	0,308	-0,001	0,010	0,040	FALSE
-0,035	0,300	-0,002	0,012	0,049	FALSE
-0,073	0,311	-0,003	0,011	0,110	FALSE
-0,055	0,314	-0,002	0,012	0,070	FALSE
0,099	0,307	0,001	0,007	0,068	FALSE
-0,025	0,314	0,000	0,008	0,012	FALSE
0,064	0,306	0,002	0,007	0,094	FALSE
-0,019	0,315	0,000	0,007	0,005	FALSE
-0,085	0,301	-0,003	0,010	0,109	FALSE
-0,034	0,303	-0,002	0,009	0,086	FALSE
-0,054	0,316	-0,002	0,009	0,067	FALSE
0,021	0,304	0,000	0,011	0,014	FALSE
0,071	0,311	0,001	0,007	0,062	FALSE
-0,012	0,292	0,000	0,007	0,020	FALSE
0,045	0,298	0,002	0,009	0,064	FALSE
-0,133	0,311	-0,003	0,009	0,152	FALSE
0,015	0,316	0,000	0,011	0,001	FALSE
0,115	0,309	0,003	0,009	0,131	FALSE
0,126	0,304	0,003	0,009	0,150	FALSE
0,013	0,305	0,000	0,007	0,020	FALSE
0,104	0,290	0,003	0,008	0,159	FALSE
-0,075	0,301	-0,002	0,009	0,085	FALSE
0,161	0,293	0,004	0,008	0,207	FALSE
0,103	0,322	0,004	0,012	0,123	FALSE
-0,105	0,307	-0,003	0,013	0,082	FALSE
-0,031	0,314	-0,001	0,009	0,054	FALSE
0,052	0,300	0,001	0,008	0,023	FALSE
0,019	0,293	0,001	0,010	0,032	FALSE
0,020	0,307	0,000	0,007	0,006	FALSE
-0,094	0,303	-0,002	0,007	0,132	FALSE
0,053	0,302	0,002	0,008	0,081	FALSE
-0,089	0,314	-0,002	0,007	0,098	FALSE
-0,062	0,304	-0,002	0,009	0,069	FALSE
0,027	0,311	0,000	0,007	0,024	FALSE
0,028	0,313	0,000	0,007	0,009	FALSE
-0,161	0,309	-0,005	0,009	0,231	FALSE
-0,113	0,309	-0,003	0,007	0,144	FALSE
-0,039	0,299	-0,002	0,012	0,070	FALSE
-0,016	0,309	0,000	0,011	0,016	FALSE
-0,007	0,314	0,000	0,011	0,004	FALSE
-0,060	0,316	-0,002	0,012	0,064	FALSE
-0,002	0,298	0,000	0,012	0,011	FALSE

0,037	0,307	0,002	0,009	0,068	FALSE
-0,040	0,315	-0,001	0,008	0,045	FALSE
0,165	0,290	0,007	0,012	0,266	FALSE
-0,065	0,301	-0,004	0,012	0,122	FALSE
-0,090	0,307	-0,002	0,007	0,088	FALSE
-0,134	0,307	-0,003	0,007	0,166	FALSE
0,069	0,305	0,002	0,007	0,096	FALSE
-0,042	0,308	-0,002	0,009	0,065	FALSE
0,115	0,297	0,003	0,010	0,120	FALSE
-0,079	0,309	-0,003	0,009	0,121	FALSE
0,172	0,299	0,004	0,008	0,241	FALSE
0,177	0,309	0,004	0,007	0,227	FALSE
-0,072	0,300	-0,001	0,006	0,076	FALSE
0,037	0,312	0,002	0,007	0,077	FALSE
0,080	0,320	0,003	0,012	0,101	FALSE
0,030	0,301	0,001	0,006	0,045	FALSE
0,003	0,317	0,000	0,009	0,000	FALSE
-0,127	0,292	-0,004	0,010	0,165	FALSE
-0,024	0,305	0,000	0,012	0,014	FALSE
-0,060	0,311	-0,001	0,011	0,049	FALSE
0,031	0,318	0,001	0,008	0,036	FALSE
-0,082	0,308	-0,002	0,008	0,121	FALSE
-0,035	0,300	-0,001	0,012	0,023	FALSE
-0,128	0,302	-0,003	0,007	0,166	FALSE
0,165	0,309	0,006	0,011	0,243	FALSE
0,077	0,303	0,003	0,008	0,135	FALSE
0,002	0,313	0,000	0,008	0,005	FALSE
-0,227	0,294	-0,009	0,012	0,347	FALSE
0,015	0,303	0,001	0,009	0,028	FALSE
-0,066	0,308	-0,001	0,007	0,074	FALSE
-0,011	0,300	0,001	0,012	0,017	FALSE
-0,007	0,321	0,000	0,011	0,005	FALSE
-0,114	0,293	-0,004	0,011	0,148	FALSE
-0,121	0,300	-0,004	0,011	0,139	FALSE
0,117	0,308	0,003	0,009	0,147	FALSE
0,070	0,301	0,001	0,006	0,045	FALSE
0,061	0,309	0,001	0,013	0,031	FALSE
0,032	0,302	0,001	0,007	0,082	FALSE
-0,190	0,302	-0,005	0,008	0,264	FALSE
0,015	0,300	0,000	0,010	0,009	FALSE
0,003	0,297	0,001	0,010	0,043	FALSE
0,040	0,318	0,001	0,012	0,029	FALSE
-0,072	0,297	-0,004	0,011	0,146	FALSE
0,028	0,313	0,001	0,006	0,052	FALSE
0,127	0,296	0,006	0,013	0,209	FALSE
-0,025	0,324	-0,001	0,012	0,024	FALSE
0,124	0,307	0,003	0,008	0,153	FALSE
0,018	0,308	0,000	0,007	0,020	FALSE
0,185	0,280	0,007	0,011	0,298	FALSE
-0,093	0,312	-0,002	0,008	0,122	FALSE
-0,090	0,311	-0,002	0,008	0,082	FALSE
-0,056	0,311	-0,002	0,011	0,053	FALSE
-0,012	0,306	0,000	0,009	0,012	FALSE

0,042	0,299	0,002	0,008	0,079	FALSE
-0,016	0,312	0,000	0,010	0,016	FALSE
-0,073	0,305	-0,002	0,011	0,076	FALSE
-0,083	0,316	-0,002	0,011	0,078	FALSE
-0,061	0,306	-0,003	0,008	0,121	FALSE
-0,099	0,308	-0,003	0,011	0,100	FALSE
0,025	0,314	0,001	0,010	0,020	FALSE
-0,113	0,309	-0,003	0,007	0,171	FALSE
-0,076	0,304	-0,004	0,012	0,112	FALSE
0,034	0,296	0,001	0,008	0,059	FALSE
0,078	0,302	0,002	0,007	0,127	FALSE
-0,010	0,310	0,000	0,007	0,000	FALSE
0,058	0,309	0,003	0,012	0,092	FALSE
-0,032	0,306	-0,001	0,008	0,035	FALSE
0,090	0,314	0,002	0,007	0,130	FALSE
0,011	0,313	0,000	0,007	0,001	FALSE
0,085	0,315	0,003	0,009	0,121	FALSE
0,066	0,307	0,002	0,008	0,091	FALSE
0,033	0,300	0,001	0,009	0,031	FALSE
-0,114	0,301	-0,003	0,008	0,142	FALSE
0,068	0,319	0,003	0,013	0,091	FALSE
-0,091	0,293	-0,002	0,008	0,121	FALSE
0,150	0,305	0,003	0,007	0,184	FALSE
0,117	0,290	0,004	0,010	0,180	FALSE
0,046	0,307	0,001	0,012	0,037	FALSE
-0,040	0,307	-0,001	0,012	0,033	FALSE
0,105	0,306	0,003	0,008	0,136	FALSE
0,066	0,308	0,001	0,006	0,085	FALSE
0,212	0,306	0,006	0,008	0,344	TRUE
-0,035	0,315	-0,002	0,009	0,070	FALSE
0,043	0,295	0,001	0,010	0,052	FALSE
-0,030	0,308	-0,001	0,010	0,050	FALSE
-0,011	0,304	0,000	0,006	0,019	FALSE
-0,037	0,308	-0,002	0,009	0,069	FALSE
-0,026	0,311	-0,001	0,007	0,030	FALSE
-0,101	0,314	-0,002	0,010	0,075	FALSE
0,009	0,306	0,000	0,011	0,007	FALSE
-0,005	0,303	0,000	0,011	0,009	FALSE
-0,012	0,296	0,000	0,011	0,001	FALSE
-0,088	0,306	-0,003	0,010	0,142	FALSE
-0,044	0,310	-0,002	0,008	0,068	FALSE
0,039	0,294	0,002	0,011	0,051	FALSE
0,021	0,313	0,000	0,012	0,005	FALSE
-0,052	0,308	-0,001	0,006	0,083	FALSE
-0,062	0,308	-0,002	0,006	0,114	FALSE
-0,022	0,302	-0,001	0,009	0,032	FALSE
-0,047	0,301	-0,002	0,011	0,078	FALSE
-0,086	0,304	-0,004	0,010	0,138	FALSE
-0,032	0,311	-0,001	0,009	0,047	FALSE
0,009	0,301	0,001	0,007	0,053	FALSE
0,000	0,310	0,000	0,011	0,001	FALSE
-0,005	0,319	0,000	0,012	0,001	FALSE
0,061	0,309	0,002	0,007	0,100	FALSE

0,121	0,298	0,004	0,009	0,196	FALSE
0,111	0,296	0,003	0,011	0,130	FALSE
-0,093	0,292	-0,002	0,007	0,127	FALSE
0,050	0,307	0,001	0,010	0,031	FALSE
-0,080	0,303	-0,002	0,012	0,076	FALSE
0,029	0,317	0,001	0,011	0,033	FALSE
-0,091	0,314	-0,004	0,011	0,125	FALSE
0,007	0,309	0,001	0,007	0,034	FALSE
0,084	0,308	0,003	0,013	0,089	FALSE
-0,122	0,304	-0,004	0,010	0,156	FALSE
0,007	0,308	0,000	0,008	0,002	FALSE
-0,064	0,313	-0,002	0,009	0,074	FALSE
0,031	0,320	0,001	0,013	0,034	FALSE
0,055	0,304	0,002	0,008	0,072	FALSE
0,133	0,309	0,004	0,009	0,183	FALSE
-0,119	0,306	-0,004	0,009	0,160	FALSE
-0,080	0,309	-0,003	0,010	0,113	FALSE
-0,065	0,315	-0,002	0,012	0,066	FALSE
0,020	0,317	0,001	0,011	0,034	FALSE
-0,139	0,294	-0,004	0,007	0,217	FALSE
0,045	0,313	0,000	0,006	0,020	FALSE
0,114	0,307	0,003	0,007	0,168	FALSE
0,078	0,309	0,002	0,010	0,097	FALSE
0,039	0,304	0,000	0,008	0,020	FALSE
0,116	0,306	0,004	0,012	0,119	FALSE
0,010	0,307	0,001	0,010	0,038	FALSE
-0,051	0,311	-0,001	0,009	0,054	FALSE
-0,147	0,299	-0,005	0,010	0,220	FALSE
-0,015	0,306	-0,001	0,011	0,032	FALSE
0,100	0,307	0,002	0,006	0,138	FALSE
0,069	0,309	0,002	0,007	0,093	FALSE
-0,058	0,311	-0,002	0,007	0,082	FALSE
-0,059	0,304	-0,002	0,007	0,101	FALSE
-0,042	0,311	-0,001	0,010	0,039	FALSE
0,100	0,301	0,005	0,012	0,156	FALSE
0,086	0,311	0,003	0,011	0,100	FALSE
-0,150	0,306	-0,006	0,013	0,205	FALSE
0,080	0,312	0,002	0,007	0,079	FALSE
-0,029	0,317	-0,001	0,008	0,027	FALSE
-0,113	0,283	-0,005	0,011	0,187	FALSE
-0,022	0,317	0,000	0,007	0,017	FALSE
-0,026	0,304	-0,001	0,008	0,037	FALSE
-0,049	0,303	-0,001	0,007	0,034	FALSE
0,023	0,308	0,001	0,008	0,047	FALSE
-0,064	0,322	-0,003	0,012	0,085	FALSE
-0,032	0,309	0,000	0,007	0,022	FALSE
-0,051	0,300	-0,001	0,007	0,028	FALSE
0,043	0,317	0,001	0,008	0,045	FALSE
-0,016	0,303	-0,001	0,008	0,036	FALSE
-0,028	0,288	0,000	0,009	0,010	FALSE
-0,033	0,303	-0,001	0,011	0,031	FALSE
-0,084	0,301	-0,004	0,011	0,132	FALSE
0,175	0,295	0,004	0,007	0,216	FALSE

0,061	0,309	0,002	0,006	0,099	FALSE
-0,003	0,301	0,000	0,010	0,012	FALSE
-0,036	0,299	-0,001	0,013	0,034	FALSE
0,073	0,308	0,003	0,009	0,107	FALSE
0,089	0,310	0,002	0,007	0,090	FALSE
-0,028	0,303	0,000	0,007	0,021	FALSE
0,041	0,300	0,001	0,008	0,041	FALSE
-0,134	0,310	-0,003	0,007	0,198	FALSE
0,042	0,299	0,001	0,006	0,045	FALSE
-0,015	0,304	-0,002	0,011	0,054	FALSE
-0,126	0,302	-0,003	0,008	0,158	FALSE
-0,035	0,307	-0,001	0,007	0,069	FALSE
-0,052	0,305	-0,001	0,006	0,062	FALSE
-0,019	0,313	-0,001	0,011	0,037	FALSE
-0,082	0,301	-0,003	0,007	0,134	FALSE
0,013	0,310	0,000	0,006	0,028	FALSE
-0,073	0,313	-0,002	0,009	0,072	FALSE
0,026	0,296	0,001	0,007	0,038	FALSE
-0,043	0,323	-0,002	0,009	0,083	FALSE
0,123	0,310	0,003	0,006	0,159	FALSE
0,018	0,315	0,001	0,011	0,027	FALSE
-0,130	0,313	-0,004	0,009	0,195	FALSE
0,019	0,313	0,001	0,008	0,023	FALSE
0,107	0,300	0,003	0,008	0,160	FALSE
-0,005	0,319	0,000	0,010	0,002	FALSE
-0,004	0,301	0,000	0,006	0,018	FALSE
-0,015	0,284	0,001	0,010	0,025	FALSE
0,054	0,289	0,002	0,008	0,080	FALSE
0,043	0,313	0,001	0,008	0,064	FALSE
0,040	0,316	0,001	0,008	0,037	FALSE
0,055	0,299	0,001	0,012	0,035	FALSE
0,065	0,317	0,002	0,007	0,101	FALSE
-0,082	0,315	-0,002	0,008	0,095	FALSE
0,016	0,304	0,000	0,008	0,012	FALSE
0,097	0,298	0,003	0,008	0,162	FALSE
-0,069	0,309	-0,003	0,011	0,084	FALSE
-0,108	0,307	-0,003	0,007	0,166	FALSE
0,053	0,315	0,002	0,013	0,053	FALSE
0,230	0,301	0,008	0,011	0,359	FALSE
-0,078	0,305	-0,002	0,008	0,090	FALSE
0,233	0,280	0,007	0,009	0,385	FALSE
-0,003	0,304	0,000	0,008	0,020	FALSE
-0,057	0,310	-0,001	0,008	0,060	FALSE
-0,047	0,312	-0,002	0,012	0,046	FALSE
0,144	0,297	0,004	0,007	0,244	FALSE
-0,001	0,298	0,000	0,010	0,010	FALSE
0,035	0,294	0,001	0,009	0,021	FALSE
0,028	0,302	0,001	0,012	0,028	FALSE
0,172	0,301	0,006	0,009	0,285	FALSE
0,099	0,292	0,002	0,007	0,138	FALSE
-0,007	0,298	-0,001	0,011	0,017	FALSE
0,032	0,301	0,001	0,010	0,030	FALSE
0,019	0,307	0,000	0,010	0,012	FALSE

0,037	0,307	0,001	0,008	0,034	FALSE
0,012	0,297	0,001	0,007	0,025	FALSE
-0,024	0,311	-0,001	0,011	0,024	FALSE
0,065	0,305	0,003	0,009	0,110	FALSE
0,096	0,304	0,004	0,010	0,147	FALSE
-0,179	0,312	-0,008	0,013	0,287	FALSE
-0,158	0,308	-0,007	0,013	0,257	FALSE
-0,161	0,309	-0,007	0,012	0,258	FALSE
-0,168	0,300	-0,008	0,013	0,277	FALSE
0,064	0,304	0,002	0,012	0,061	FALSE
-0,128	0,285	-0,003	0,007	0,174	FALSE
-0,104	0,303	-0,003	0,008	0,127	FALSE
-0,086	0,300	-0,004	0,012	0,116	FALSE
0,060	0,329	0,003	0,012	0,081	FALSE
0,021	0,310	0,001	0,012	0,034	FALSE
0,013	0,315	0,001	0,012	0,030	FALSE
0,038	0,325	0,002	0,012	0,058	FALSE
-0,030	0,302	0,000	0,007	0,021	FALSE
-0,001	0,316	0,000	0,012	0,011	FALSE
-0,050	0,303	-0,002	0,008	0,099	FALSE
0,034	0,305	0,001	0,012	0,031	FALSE
-0,101	0,311	-0,003	0,010	0,117	FALSE
-0,062	0,303	-0,001	0,006	0,056	FALSE
-0,005	0,307	0,000	0,007	0,005	FALSE
-0,069	0,295	-0,003	0,009	0,112	FALSE
0,030	0,318	0,001	0,009	0,021	FALSE
0,036	0,311	0,000	0,007	0,012	FALSE
-0,037	0,313	-0,001	0,011	0,023	FALSE
0,107	0,300	0,003	0,008	0,156	FALSE
-0,012	0,327	0,000	0,008	0,002	FALSE
-0,131	0,293	-0,003	0,006	0,179	FALSE
0,086	0,289	0,004	0,012	0,120	FALSE
-0,152	0,299	-0,006	0,012	0,207	FALSE
0,018	0,313	0,002	0,013	0,058	FALSE
0,048	0,306	0,001	0,012	0,040	FALSE
-0,040	0,298	-0,001	0,007	0,031	FALSE
0,072	0,336	0,002	0,008	0,090	FALSE
-0,084	0,299	-0,003	0,009	0,131	FALSE
0,103	0,291	0,002	0,007	0,110	FALSE
0,009	0,294	0,000	0,009	0,006	FALSE
-0,100	0,310	-0,003	0,010	0,120	FALSE
0,086	0,307	0,002	0,008	0,106	FALSE
0,030	0,314	0,001	0,008	0,051	FALSE
-0,002	0,311	0,000	0,010	0,004	FALSE
0,006	0,316	0,000	0,009	0,007	FALSE
-0,088	0,314	-0,003	0,009	0,116	FALSE
0,034	0,305	0,001	0,009	0,025	FALSE
-0,024	0,315	0,000	0,007	0,007	FALSE
-0,047	0,297	-0,001	0,013	0,033	FALSE
-0,046	0,296	-0,001	0,012	0,032	FALSE
0,046	0,305	0,002	0,011	0,056	FALSE
-0,092	0,310	-0,004	0,013	0,134	FALSE
0,114	0,294	0,004	0,008	0,191	FALSE

0,066	0,290	0,002	0,008	0,118	FALSE
-0,011	0,309	0,000	0,007	0,011	FALSE
0,031	0,305	0,001	0,007	0,044	FALSE
-0,107	0,301	-0,004	0,010	0,135	FALSE
0,159	0,296	0,006	0,011	0,231	FALSE
0,022	0,314	0,000	0,008	0,013	FALSE
0,090	0,326	0,002	0,008	0,114	FALSE
-0,063	0,305	-0,002	0,007	0,101	FALSE
0,025	0,313	0,001	0,010	0,031	FALSE
0,006	0,317	0,001	0,008	0,033	FALSE
-0,027	0,326	-0,001	0,010	0,047	FALSE
-0,017	0,306	0,000	0,012	0,004	FALSE
0,000	0,316	0,000	0,008	0,014	FALSE
-0,041	0,285	-0,001	0,011	0,040	FALSE
-0,037	0,294	-0,003	0,012	0,088	FALSE
0,125	0,308	0,004	0,011	0,155	FALSE
0,035	0,300	0,001	0,009	0,028	FALSE
0,245	0,272	0,006	0,006	0,499	FALSE
-0,024	0,312	-0,001	0,013	0,030	FALSE
0,013	0,311	0,001	0,013	0,020	FALSE
-0,061	0,310	-0,002	0,011	0,054	FALSE
-0,054	0,300	-0,002	0,010	0,076	FALSE
-0,029	0,308	-0,001	0,009	0,043	FALSE
-0,101	0,317	-0,003	0,010	0,107	FALSE
0,205	0,287	0,008	0,010	0,342	FALSE
-0,003	0,312	0,000	0,007	0,004	FALSE
0,040	0,329	0,001	0,011	0,031	FALSE
0,046	0,327	0,002	0,013	0,046	FALSE
0,115	0,289	0,002	0,006	0,134	FALSE
-0,130	0,286	-0,004	0,008	0,178	FALSE
0,017	0,322	0,000	0,006	0,021	FALSE
-0,031	0,313	-0,001	0,011	0,029	FALSE
0,017	0,321	0,000	0,013	0,010	FALSE
-0,124	0,307	-0,004	0,011	0,130	FALSE
-0,158	0,305	-0,005	0,011	0,193	FALSE
-0,030	0,310	-0,002	0,011	0,060	FALSE
-0,118	0,297	-0,004	0,011	0,161	FALSE
-0,033	0,316	-0,001	0,011	0,022	FALSE
-0,047	0,305	-0,001	0,010	0,050	FALSE
-0,133	0,298	-0,006	0,012	0,222	FALSE
-0,073	0,305	-0,003	0,011	0,125	FALSE
-0,052	0,320	-0,001	0,008	0,058	FALSE
0,040	0,329	0,001	0,007	0,047	FALSE
0,035	0,304	0,001	0,007	0,068	FALSE
-0,004	0,309	0,000	0,006	0,009	FALSE
0,052	0,307	0,001	0,008	0,049	FALSE
-0,142	0,298	-0,006	0,012	0,209	FALSE
0,122	0,301	0,004	0,011	0,157	FALSE
0,152	0,296	0,005	0,012	0,164	FALSE
-0,002	0,295	0,000	0,012	0,010	FALSE
-0,139	0,296	-0,003	0,007	0,189	FALSE
0,058	0,315	0,002	0,009	0,072	FALSE
-0,015	0,318	0,000	0,013	0,011	FALSE

-0,062	0,299	-0,002	0,008	0,074	FALSE
0,051	0,309	0,002	0,007	0,112	FALSE
-0,042	0,317	-0,002	0,012	0,051	FALSE
0,011	0,300	0,000	0,012	0,014	FALSE
-0,065	0,293	-0,002	0,012	0,076	FALSE
0,095	0,312	0,003	0,007	0,167	FALSE
0,043	0,306	0,001	0,008	0,060	FALSE
-0,007	0,316	0,000	0,007	0,018	FALSE
-0,030	0,314	-0,001	0,007	0,025	FALSE
0,022	0,310	0,001	0,012	0,025	FALSE
0,020	0,319	0,001	0,012	0,017	FALSE
0,002	0,292	0,000	0,011	0,009	FALSE
0,027	0,291	0,001	0,011	0,049	FALSE
0,054	0,308	0,001	0,006	0,065	FALSE
0,006	0,303	0,000	0,012	0,013	FALSE
-0,040	0,294	-0,001	0,007	0,041	FALSE
-0,109	0,309	-0,002	0,008	0,115	FALSE
-0,062	0,305	-0,002	0,010	0,072	FALSE
0,058	0,316	0,003	0,010	0,110	FALSE
0,004	0,287	0,001	0,008	0,036	FALSE
-0,178	0,294	-0,005	0,008	0,251	FALSE
0,091	0,303	0,003	0,009	0,141	FALSE
-0,030	0,304	-0,002	0,010	0,066	FALSE
-0,034	0,325	-0,001	0,011	0,027	FALSE
0,120	0,298	0,002	0,006	0,161	FALSE
-0,077	0,319	-0,003	0,010	0,109	FALSE
0,031	0,312	0,001	0,007	0,044	FALSE
0,042	0,314	0,001	0,007	0,053	FALSE
-0,047	0,305	-0,002	0,012	0,047	FALSE
-0,056	0,294	-0,002	0,011	0,074	FALSE
-0,194	0,289	-0,005	0,008	0,263	FALSE
-0,117	0,324	-0,003	0,010	0,125	FALSE
0,144	0,296	0,003	0,007	0,154	FALSE
0,057	0,311	0,001	0,009	0,051	FALSE
0,086	0,313	0,004	0,012	0,137	FALSE
0,068	0,317	0,003	0,012	0,105	FALSE
-0,017	0,295	0,000	0,008	0,013	FALSE
0,070	0,305	0,001	0,007	0,064	FALSE
0,114	0,303	0,004	0,012	0,135	FALSE
0,005	0,307	0,001	0,010	0,036	FALSE
0,039	0,306	0,002	0,009	0,070	FALSE
0,140	0,289	0,003	0,007	0,174	FALSE
0,139	0,308	0,003	0,008	0,162	FALSE
0,013	0,311	0,000	0,009	0,004	FALSE
0,044	0,299	0,001	0,011	0,034	FALSE
0,004	0,293	0,000	0,006	0,007	FALSE
-0,001	0,296	0,000	0,006	0,002	FALSE
0,059	0,302	0,001	0,006	0,085	FALSE
-0,082	0,305	-0,002	0,009	0,070	FALSE
0,044	0,299	0,001	0,008	0,063	FALSE
0,082	0,301	0,002	0,007	0,096	FALSE
0,207	0,292	0,007	0,009	0,353	FALSE
0,212	0,316	0,007	0,010	0,291	FALSE

-0,087	0,306	-0,002	0,007	0,108	FALSE
0,009	0,312	0,000	0,007	0,010	FALSE
0,030	0,302	0,001	0,008	0,029	FALSE
0,010	0,318	0,000	0,007	0,002	FALSE
-0,017	0,305	0,000	0,006	0,014	FALSE
-0,003	0,310	0,000	0,006	0,018	FALSE
0,063	0,306	0,002	0,009	0,084	FALSE
0,042	0,316	0,001	0,009	0,053	FALSE
-0,141	0,305	-0,003	0,007	0,188	FALSE
0,021	0,306	0,000	0,006	0,003	FALSE
-0,169	0,309	-0,006	0,011	0,251	FALSE
0,125	0,314	0,005	0,012	0,155	FALSE
-0,057	0,306	-0,001	0,006	0,073	FALSE
-0,008	0,318	0,000	0,010	0,015	FALSE
0,012	0,313	0,000	0,007	0,015	FALSE
-0,010	0,313	0,000	0,011	0,002	FALSE
0,030	0,296	0,001	0,012	0,017	FALSE
0,065	0,310	0,001	0,010	0,055	FALSE
-0,090	0,313	-0,004	0,012	0,114	FALSE
0,086	0,299	0,003	0,009	0,129	FALSE
0,213	0,303	0,005	0,006	0,322	FALSE
-0,025	0,303	0,001	0,013	0,016	FALSE
-0,054	0,294	-0,002	0,012	0,047	FALSE
0,030	0,304	0,000	0,007	0,023	FALSE
-0,084	0,320	-0,002	0,009	0,102	FALSE
-0,157	0,300	-0,004	0,008	0,224	FALSE
-0,151	0,303	-0,004	0,008	0,216	FALSE
-0,096	0,295	-0,003	0,009	0,102	FALSE
0,168	0,301	0,006	0,009	0,272	FALSE
0,005	0,315	0,000	0,012	0,002	FALSE
-0,106	0,309	-0,002	0,007	0,127	FALSE
-0,019	0,307	0,000	0,009	0,016	FALSE
0,154	0,295	0,003	0,006	0,189	FALSE
-0,125	0,311	-0,002	0,006	0,161	FALSE
0,172	0,294	0,006	0,010	0,259	FALSE
0,010	0,300	0,000	0,010	0,005	FALSE
-0,108	0,296	-0,005	0,012	0,184	FALSE
0,006	0,316	0,000	0,010	0,005	FALSE
0,055	0,300	0,003	0,009	0,105	FALSE
0,009	0,320	-0,001	0,010	0,029	FALSE
-0,015	0,310	0,000	0,010	0,004	FALSE
0,149	0,291	0,008	0,012	0,294	FALSE
0,000	0,317	0,000	0,007	0,022	FALSE
-0,122	0,294	-0,003	0,006	0,168	FALSE
-0,077	0,313	-0,003	0,011	0,094	FALSE
-0,148	0,310	-0,005	0,010	0,202	FALSE
0,115	0,304	0,005	0,012	0,162	FALSE
0,074	0,315	0,002	0,006	0,090	FALSE
0,033	0,310	0,001	0,007	0,055	FALSE
-0,252	0,297	-0,007	0,009	0,362	FALSE
0,012	0,309	0,000	0,007	0,002	FALSE
-0,179	0,284	-0,008	0,012	0,300	FALSE
-0,193	0,294	-0,008	0,012	0,296	FALSE

-0,232	0,290	-0,006	0,009	0,322	FALSE
-0,223	0,310	-0,006	0,009	0,294	FALSE
-0,055	0,307	-0,002	0,011	0,081	FALSE
-0,063	0,299	-0,003	0,011	0,100	FALSE
-0,021	0,308	0,000	0,006	0,012	FALSE
0,008	0,319	0,000	0,011	0,011	FALSE
0,010	0,293	0,000	0,011	0,005	FALSE
0,045	0,312	0,001	0,006	0,035	FALSE
-0,023	0,311	-0,002	0,013	0,048	FALSE
0,095	0,314	0,002	0,006	0,132	FALSE
-0,099	0,308	-0,004	0,013	0,139	FALSE
0,005	0,306	-0,001	0,011	0,029	FALSE
-0,107	0,303	-0,005	0,012	0,152	FALSE
-0,078	0,299	-0,004	0,012	0,119	FALSE
-0,124	0,301	-0,003	0,008	0,134	FALSE
0,012	0,313	0,001	0,010	0,026	FALSE
0,131	0,304	0,003	0,009	0,156	FALSE
-0,061	0,305	-0,002	0,012	0,047	FALSE
-0,081	0,290	-0,002	0,012	0,068	FALSE
-0,009	0,307	-0,001	0,013	0,020	FALSE
0,118	0,303	0,003	0,008	0,152	FALSE
-0,057	0,305	-0,002	0,009	0,097	FALSE
0,046	0,304	0,001	0,007	0,044	FALSE
-0,055	0,298	-0,001	0,006	0,040	FALSE
0,022	0,306	0,001	0,008	0,062	FALSE
-0,124	0,303	-0,006	0,012	0,214	FALSE
-0,121	0,305	-0,006	0,012	0,200	FALSE
0,155	0,301	0,003	0,006	0,233	FALSE
-0,013	0,312	-0,002	0,012	0,072	FALSE
-0,028	0,308	-0,002	0,011	0,077	FALSE
-0,106	0,289	-0,005	0,011	0,178	FALSE
0,013	0,314	0,001	0,012	0,016	FALSE
0,028	0,302	0,001	0,012	0,039	FALSE
0,025	0,293	0,002	0,010	0,058	FALSE
-0,012	0,295	0,000	0,008	0,001	FALSE
-0,006	0,312	0,000	0,009	0,005	FALSE
-0,027	0,301	0,000	0,012	0,005	FALSE
-0,055	0,297	-0,004	0,011	0,127	FALSE
0,085	0,293	0,005	0,012	0,148	FALSE
-0,049	0,305	-0,001	0,011	0,044	FALSE
0,002	0,314	-0,001	0,012	0,022	FALSE
0,041	0,323	0,001	0,009	0,051	FALSE
0,061	0,296	0,002	0,008	0,073	FALSE
-0,047	0,316	-0,001	0,012	0,044	FALSE
0,014	0,313	0,001	0,007	0,031	FALSE
-0,012	0,293	0,000	0,007	0,002	FALSE
0,067	0,287	0,002	0,007	0,093	FALSE
-0,035	0,305	-0,001	0,009	0,041	FALSE
0,025	0,314	0,001	0,013	0,030	FALSE
0,056	0,307	0,001	0,007	0,073	FALSE
-0,026	0,289	-0,001	0,010	0,050	FALSE
-0,049	0,306	-0,002	0,012	0,067	FALSE
0,078	0,295	0,003	0,011	0,093	FALSE

-0,125	0,314	-0,004	0,010	0,177	FALSE
0,022	0,297	0,000	0,008	0,001	FALSE
-0,004	0,316	0,000	0,013	0,011	FALSE
0,142	0,306	0,005	0,008	0,243	FALSE
-0,042	0,303	-0,002	0,010	0,078	FALSE
0,052	0,304	0,002	0,009	0,071	FALSE
-0,064	0,310	-0,002	0,012	0,062	FALSE
-0,100	0,323	-0,003	0,009	0,126	FALSE
0,105	0,307	0,004	0,009	0,163	FALSE
0,110	0,301	0,005	0,012	0,152	FALSE
-0,162	0,297	-0,006	0,011	0,245	FALSE
0,087	0,313	0,002	0,008	0,110	FALSE
-0,158	0,306	-0,006	0,010	0,237	FALSE
-0,173	0,304	-0,006	0,011	0,259	FALSE
0,101	0,298	0,003	0,012	0,110	FALSE
-0,166	0,294	-0,006	0,011	0,255	FALSE
-0,149	0,295	-0,006	0,011	0,226	FALSE
0,044	0,307	0,002	0,013	0,064	FALSE
-0,069	0,311	-0,002	0,007	0,089	FALSE
-0,001	0,316	0,000	0,011	0,003	FALSE
-0,006	0,300	0,001	0,007	0,034	FALSE
-0,144	0,304	-0,005	0,009	0,214	FALSE
-0,151	0,304	-0,005	0,010	0,227	FALSE
0,060	0,306	0,002	0,011	0,071	FALSE
-0,184	0,298	-0,007	0,011	0,300	FALSE
-0,163	0,296	-0,007	0,012	0,261	FALSE
0,022	0,301	0,000	0,006	0,011	FALSE
-0,085	0,306	-0,003	0,008	0,134	FALSE
-0,185	0,292	-0,007	0,010	0,297	FALSE
0,006	0,311	0,000	0,007	0,006	FALSE
0,033	0,311	0,000	0,006	0,020	FALSE
-0,151	0,291	-0,006	0,010	0,242	FALSE
0,188	0,294	0,007	0,009	0,322	FALSE
-0,110	0,308	-0,004	0,011	0,154	FALSE
-0,081	0,310	-0,002	0,011	0,083	FALSE
-0,115	0,301	-0,004	0,011	0,168	FALSE
-0,099	0,301	-0,004	0,011	0,149	FALSE
-0,220	0,304	-0,005	0,007	0,315	FALSE
-0,053	0,311	-0,002	0,010	0,071	FALSE
-0,024	0,310	0,000	0,008	0,004	FALSE
0,041	0,317	0,002	0,012	0,050	FALSE
0,018	0,306	0,001	0,012	0,032	FALSE
-0,020	0,322	-0,001	0,013	0,017	FALSE
-0,244	0,288	-0,010	0,011	0,432	FALSE
-0,187	0,301	-0,007	0,010	0,303	FALSE
-0,182	0,289	-0,007	0,010	0,300	FALSE
-0,180	0,286	-0,006	0,011	0,259	FALSE
0,012	0,318	0,000	0,010	0,003	FALSE
0,153	0,303	0,004	0,009	0,168	FALSE
-0,018	0,312	-0,001	0,009	0,025	FALSE
-0,010	0,292	-0,001	0,008	0,044	FALSE
-0,043	0,299	-0,001	0,009	0,032	FALSE
0,053	0,314	0,002	0,009	0,071	FALSE

0,106	0,287	0,006	0,012	0,206	FALSE
-0,016	0,308	0,000	0,007	0,021	FALSE
0,065	0,307	0,002	0,007	0,089	FALSE
0,070	0,306	0,001	0,007	0,072	FALSE
-0,203	0,291	-0,007	0,010	0,322	FALSE
0,009	0,302	0,000	0,008	0,010	FALSE
0,027	0,315	0,000	0,012	0,001	FALSE
0,156	0,308	0,004	0,007	0,225	FALSE
0,099	0,302	0,003	0,008	0,122	FALSE
0,131	0,307	0,003	0,007	0,174	FALSE
-0,131	0,318	-0,004	0,010	0,165	FALSE
0,121	0,307	0,004	0,011	0,147	FALSE
-0,035	0,314	-0,001	0,006	0,050	FALSE
-0,048	0,311	-0,001	0,007	0,042	FALSE
0,093	0,292	0,005	0,012	0,151	FALSE
-0,149	0,312	-0,004	0,008	0,209	FALSE
-0,100	0,308	-0,002	0,008	0,126	FALSE
0,105	0,311	0,002	0,009	0,107	FALSE
0,077	0,295	0,002	0,011	0,050	FALSE
-0,089	0,313	-0,003	0,008	0,132	FALSE
0,044	0,297	0,001	0,007	0,035	FALSE
-0,048	0,300	-0,001	0,007	0,057	FALSE
-0,059	0,315	-0,002	0,013	0,066	FALSE
0,018	0,302	0,002	0,012	0,066	FALSE
-0,052	0,293	-0,002	0,010	0,067	FALSE
-0,060	0,315	-0,002	0,009	0,082	FALSE
-0,039	0,308	-0,002	0,013	0,044	FALSE
-0,028	0,308	-0,001	0,012	0,024	FALSE
-0,068	0,326	-0,002	0,012	0,076	FALSE
-0,030	0,319	-0,001	0,012	0,042	FALSE
-0,089	0,307	-0,004	0,011	0,161	FALSE
-0,108	0,303	-0,004	0,009	0,166	FALSE
-0,055	0,301	-0,002	0,008	0,081	FALSE
-0,052	0,319	-0,001	0,008	0,054	FALSE
-0,044	0,320	-0,002	0,011	0,063	FALSE
-0,026	0,302	0,000	0,007	0,011	FALSE
-0,018	0,316	-0,001	0,008	0,030	FALSE
-0,135	0,300	-0,005	0,011	0,181	FALSE
0,022	0,300	0,000	0,010	0,015	FALSE
0,098	0,297	0,004	0,011	0,145	FALSE
-0,117	0,314	-0,004	0,010	0,168	FALSE
-0,126	0,314	-0,004	0,010	0,167	FALSE
0,076	0,297	0,002	0,009	0,105	FALSE
-0,005	0,305	0,000	0,009	0,015	FALSE
0,181	0,300	0,006	0,008	0,308	FALSE
-0,012	0,302	0,000	0,009	0,019	FALSE
-0,092	0,290	-0,003	0,008	0,137	FALSE
0,030	0,316	0,001	0,012	0,024	FALSE
-0,012	0,321	-0,001	0,009	0,038	FALSE
-0,040	0,299	-0,002	0,012	0,065	FALSE
-0,021	0,327	0,000	0,011	0,001	FALSE
-0,103	0,294	-0,002	0,006	0,146	FALSE
0,042	0,306	0,001	0,009	0,034	FALSE

-0,069	0,294	-0,001	0,007	0,050	FALSE
0,119	0,296	0,005	0,012	0,193	FALSE
0,106	0,291	0,002	0,007	0,122	FALSE
0,027	0,307	0,001	0,012	0,025	FALSE
-0,091	0,305	-0,002	0,008	0,098	FALSE
-0,021	0,291	0,000	0,010	0,008	FALSE
-0,003	0,313	0,000	0,007	0,022	FALSE
-0,120	0,313	-0,002	0,007	0,107	FALSE
0,157	0,305	0,008	0,012	0,278	FALSE
0,165	0,314	0,004	0,007	0,208	FALSE
-0,059	0,300	-0,001	0,009	0,047	FALSE
-0,065	0,310	-0,001	0,009	0,060	FALSE
0,198	0,302	0,009	0,013	0,322	FALSE
0,119	0,301	0,005	0,009	0,226	FALSE
0,128	0,304	0,004	0,012	0,148	FALSE
0,084	0,307	0,003	0,012	0,083	FALSE
0,115	0,311	0,003	0,013	0,094	FALSE
0,029	0,307	0,001	0,011	0,017	FALSE
-0,044	0,318	-0,001	0,006	0,079	FALSE
0,002	0,304	0,000	0,008	0,016	FALSE
-0,001	0,311	0,000	0,008	0,012	FALSE
0,129	0,301	0,003	0,006	0,176	FALSE
-0,040	0,312	-0,002	0,012	0,068	FALSE
-0,003	0,307	-0,001	0,011	0,018	FALSE
-0,037	0,312	-0,002	0,012	0,068	FALSE
-0,002	0,304	-0,001	0,012	0,017	FALSE
-0,161	0,303	-0,005	0,009	0,236	FALSE
0,090	0,303	0,002	0,007	0,109	FALSE
-0,036	0,318	0,000	0,008	0,016	FALSE
0,055	0,292	0,002	0,012	0,065	FALSE
0,146	0,290	0,003	0,006	0,217	FALSE
-0,031	0,318	-0,001	0,012	0,023	FALSE
-0,018	0,308	0,000	0,010	0,013	FALSE
-0,030	0,324	-0,001	0,006	0,030	FALSE
0,157	0,300	0,006	0,012	0,197	FALSE
0,085	0,306	0,001	0,006	0,094	FALSE
0,039	0,324	0,001	0,007	0,031	FALSE
0,044	0,308	0,001	0,007	0,039	FALSE
0,028	0,314	0,002	0,013	0,062	FALSE
-0,032	0,314	-0,001	0,013	0,022	FALSE
-0,066	0,309	-0,002	0,010	0,094	FALSE
-0,020	0,298	-0,001	0,008	0,042	FALSE
-0,068	0,298	-0,003	0,013	0,090	FALSE
-0,059	0,317	-0,001	0,010	0,052	FALSE
0,075	0,298	0,003	0,011	0,117	FALSE
0,003	0,301	0,000	0,006	0,008	FALSE
-0,029	0,304	-0,001	0,012	0,024	FALSE
0,053	0,302	0,002	0,009	0,068	FALSE
-0,078	0,305	-0,002	0,010	0,093	FALSE
-0,067	0,301	-0,002	0,010	0,082	FALSE
0,055	0,312	0,002	0,012	0,053	FALSE
0,088	0,305	0,002	0,008	0,083	FALSE
-0,048	0,303	-0,002	0,011	0,064	FALSE

0,094	0,296	0,004	0,009	0,170	FALSE
0,080	0,295	0,003	0,009	0,127	FALSE
-0,020	0,309	0,000	0,010	0,006	FALSE
0,067	0,297	0,001	0,010	0,050	FALSE
-0,021	0,303	-0,001	0,010	0,030	FALSE
0,064	0,291	0,002	0,012	0,060	FALSE
0,018	0,300	0,001	0,012	0,030	FALSE
-0,094	0,304	-0,002	0,008	0,107	FALSE
-0,002	0,304	0,001	0,007	0,032	FALSE
0,168	0,292	0,004	0,006	0,271	FALSE
0,064	0,327	0,002	0,009	0,082	FALSE
-0,102	0,304	-0,005	0,013	0,151	FALSE
-0,208	0,296	-0,009	0,012	0,348	FALSE
-0,220	0,287	-0,009	0,011	0,340	FALSE
-0,028	0,317	-0,001	0,013	0,019	FALSE
0,037	0,288	0,001	0,012	0,034	FALSE
-0,040	0,308	0,000	0,008	0,002	FALSE
-0,038	0,300	-0,001	0,007	0,029	FALSE
-0,050	0,300	-0,001	0,011	0,048	FALSE
0,017	0,305	0,001	0,011	0,026	FALSE
0,031	0,307	0,001	0,010	0,050	FALSE
0,037	0,313	0,001	0,012	0,043	FALSE
0,165	0,295	0,005	0,008	0,287	FALSE
0,091	0,302	0,003	0,013	0,091	FALSE
-0,084	0,314	-0,004	0,011	0,142	FALSE
0,031	0,298	0,001	0,008	0,054	FALSE
0,002	0,292	0,001	0,006	0,039	FALSE
-0,105	0,308	-0,003	0,010	0,113	FALSE
-0,013	0,303	0,000	0,012	0,012	FALSE
-0,116	0,297	-0,003	0,008	0,160	FALSE
0,044	0,299	0,001	0,008	0,068	FALSE
0,087	0,298	0,003	0,009	0,149	FALSE
0,118	0,292	0,004	0,008	0,204	FALSE
0,034	0,307	0,001	0,011	0,039	FALSE
-0,054	0,316	-0,002	0,010	0,059	FALSE
-0,045	0,301	-0,001	0,009	0,043	FALSE
-0,048	0,302	-0,002	0,011	0,072	FALSE
-0,016	0,300	-0,001	0,011	0,045	FALSE
0,048	0,308	0,002	0,009	0,069	FALSE
0,037	0,317	0,001	0,009	0,022	FALSE
-0,005	0,303	0,000	0,008	0,008	FALSE
-0,067	0,303	-0,002	0,007	0,108	FALSE
0,010	0,304	0,000	0,012	0,003	FALSE
-0,141	0,310	-0,004	0,009	0,195	FALSE
0,055	0,315	0,001	0,010	0,051	FALSE
-0,128	0,306	-0,004	0,009	0,184	FALSE
0,066	0,312	0,003	0,013	0,096	FALSE
-0,141	0,325	-0,005	0,011	0,174	FALSE
0,019	0,312	0,000	0,006	0,012	FALSE
0,040	0,287	0,001	0,011	0,033	FALSE
-0,090	0,318	-0,003	0,010	0,122	FALSE
0,032	0,311	0,001	0,009	0,046	FALSE
0,058	0,297	0,002	0,012	0,076	FALSE

0,020	0,309	0,000	0,008	0,008	FALSE
-0,025	0,302	-0,001	0,010	0,053	FALSE
-0,033	0,311	0,000	0,007	0,011	FALSE
-0,007	0,321	0,000	0,008	0,001	FALSE
-0,008	0,307	0,000	0,007	0,018	FALSE
-0,034	0,307	-0,001	0,012	0,022	FALSE
0,004	0,306	0,000	0,008	0,014	FALSE
-0,172	0,307	-0,005	0,010	0,233	FALSE
-0,062	0,313	-0,003	0,010	0,094	FALSE
-0,085	0,311	-0,004	0,011	0,141	FALSE
-0,033	0,305	-0,001	0,012	0,029	FALSE
-0,055	0,306	-0,002	0,009	0,075	FALSE
-0,055	0,310	-0,002	0,009	0,091	FALSE
-0,055	0,305	-0,002	0,009	0,066	FALSE
0,090	0,316	0,002	0,006	0,096	FALSE
0,014	0,303	0,000	0,009	0,008	FALSE
0,020	0,311	0,001	0,011	0,022	FALSE
-0,071	0,297	-0,003	0,012	0,087	FALSE
-0,018	0,305	-0,001	0,009	0,029	FALSE
-0,040	0,300	-0,001	0,006	0,066	FALSE
0,064	0,304	0,002	0,009	0,081	FALSE
0,062	0,315	0,002	0,011	0,088	FALSE
-0,081	0,299	-0,003	0,010	0,130	FALSE
0,051	0,315	0,003	0,013	0,084	FALSE
0,126	0,303	0,003	0,009	0,151	FALSE
0,113	0,307	0,003	0,007	0,160	FALSE
0,013	0,315	0,001	0,010	0,020	FALSE
0,140	0,304	0,004	0,008	0,209	FALSE
0,009	0,302	0,001	0,011	0,025	FALSE
-0,165	0,303	-0,004	0,008	0,199	FALSE
0,080	0,304	0,004	0,011	0,121	FALSE
0,093	0,305	0,002	0,008	0,083	FALSE
0,139	0,296	0,005	0,009	0,240	FALSE
-0,099	0,300	-0,003	0,011	0,107	FALSE
0,038	0,300	0,001	0,012	0,039	FALSE
-0,070	0,302	-0,002	0,008	0,100	FALSE
-0,038	0,296	-0,001	0,007	0,043	FALSE
0,087	0,303	0,003	0,007	0,152	FALSE
-0,023	0,316	-0,001	0,008	0,033	FALSE
-0,022	0,310	-0,001	0,009	0,037	FALSE
0,124	0,306	0,003	0,009	0,166	FALSE
0,051	0,293	0,002	0,008	0,082	FALSE
0,068	0,302	0,002	0,008	0,102	FALSE
0,122	0,293	0,003	0,007	0,152	FALSE
0,089	0,296	0,003	0,008	0,154	FALSE
-0,058	0,302	-0,002	0,010	0,077	FALSE
0,040	0,311	0,001	0,008	0,050	FALSE
0,128	0,287	0,006	0,012	0,206	FALSE
-0,088	0,299	-0,003	0,012	0,101	FALSE
-0,016	0,296	0,000	0,010	0,004	FALSE
-0,009	0,298	0,001	0,008	0,034	FALSE
-0,083	0,299	-0,003	0,010	0,131	FALSE
0,086	0,301	0,002	0,006	0,100	FALSE

-0,050	0,296	-0,001	0,006	0,074	FALSE
0,015	0,309	0,000	0,006	0,008	FALSE
0,027	0,303	0,002	0,011	0,055	FALSE
-0,031	0,302	-0,001	0,009	0,051	FALSE
0,135	0,301	0,004	0,008	0,221	FALSE
0,079	0,313	0,003	0,011	0,085	FALSE
-0,040	0,313	-0,001	0,008	0,029	FALSE
0,108	0,284	0,002	0,010	0,073	FALSE
-0,001	0,317	0,001	0,012	0,025	FALSE
0,051	0,315	0,002	0,009	0,062	FALSE
0,076	0,298	0,002	0,007	0,095	FALSE
0,067	0,302	0,002	0,006	0,102	FALSE
0,064	0,297	0,003	0,013	0,097	FALSE
-0,044	0,303	-0,001	0,009	0,048	FALSE
-0,104	0,300	-0,004	0,010	0,159	FALSE
-0,143	0,275	-0,005	0,008	0,244	FALSE
-0,051	0,298	-0,003	0,012	0,117	FALSE
-0,002	0,314	0,000	0,010	0,013	FALSE
-0,086	0,305	-0,002	0,008	0,108	FALSE
-0,044	0,310	-0,002	0,012	0,052	FALSE
-0,117	0,301	-0,003	0,007	0,180	FALSE
-0,149	0,309	-0,003	0,006	0,183	FALSE
0,003	0,330	0,000	0,007	0,004	FALSE
0,010	0,316	0,000	0,013	0,005	FALSE
-0,073	0,291	-0,002	0,008	0,081	FALSE
0,024	0,314	0,000	0,011	0,011	FALSE
-0,074	0,316	-0,004	0,013	0,137	FALSE
-0,063	0,302	-0,003	0,012	0,103	FALSE
-0,041	0,309	-0,001	0,009	0,021	FALSE
-0,033	0,307	-0,001	0,007	0,046	FALSE
-0,020	0,302	-0,001	0,010	0,038	FALSE
0,004	0,291	0,000	0,009	0,015	FALSE
0,081	0,293	0,003	0,011	0,103	FALSE
0,019	0,317	0,001	0,012	0,020	FALSE
0,016	0,310	0,000	0,007	0,024	FALSE
0,067	0,302	0,001	0,007	0,063	FALSE
0,031	0,310	0,000	0,007	0,009	FALSE
-0,083	0,314	-0,004	0,011	0,126	FALSE
0,078	0,308	0,003	0,012	0,104	FALSE
-0,038	0,307	-0,001	0,009	0,045	FALSE
-0,032	0,296	-0,001	0,009	0,030	FALSE
-0,040	0,313	-0,001	0,011	0,040	FALSE
-0,090	0,312	-0,002	0,007	0,105	FALSE
0,065	0,299	0,003	0,009	0,128	FALSE
0,117	0,299	0,004	0,010	0,164	FALSE
0,059	0,306	0,001	0,007	0,053	FALSE
0,196	0,298	0,009	0,013	0,325	FALSE
-0,026	0,316	-0,002	0,008	0,076	FALSE
-0,134	0,299	-0,005	0,011	0,188	FALSE
-0,059	0,299	-0,001	0,007	0,046	FALSE
-0,008	0,285	0,000	0,011	0,012	FALSE
0,070	0,298	0,003	0,009	0,118	FALSE
0,043	0,318	0,001	0,007	0,066	FALSE

0,049	0,308	0,001	0,010	0,040	FALSE
0,058	0,310	0,002	0,010	0,055	FALSE
0,085	0,310	0,002	0,008	0,102	FALSE
0,081	0,294	0,003	0,012	0,102	FALSE
-0,036	0,311	-0,001	0,008	0,035	FALSE
0,116	0,294	0,005	0,011	0,201	FALSE
0,003	0,304	0,000	0,013	0,009	FALSE
-0,093	0,310	-0,004	0,011	0,153	FALSE
0,004	0,288	0,000	0,006	0,013	FALSE
-0,003	0,307	0,000	0,006	0,005	FALSE
0,014	0,301	0,000	0,007	0,002	FALSE
0,029	0,290	0,001	0,008	0,025	FALSE
-0,095	0,299	-0,003	0,010	0,104	FALSE
0,062	0,302	0,001	0,006	0,078	FALSE
-0,073	0,308	-0,002	0,008	0,070	FALSE
0,029	0,303	0,001	0,007	0,044	FALSE
-0,074	0,319	-0,003	0,012	0,101	FALSE
0,057	0,323	0,001	0,010	0,046	FALSE
0,041	0,309	0,002	0,010	0,062	FALSE
-0,029	0,313	0,000	0,007	0,018	FALSE
-0,013	0,291	-0,001	0,008	0,029	FALSE
0,015	0,300	0,001	0,009	0,028	FALSE
0,007	0,311	0,000	0,008	0,010	FALSE
-0,038	0,301	-0,001	0,007	0,055	FALSE
0,107	0,314	0,005	0,013	0,148	FALSE
-0,168	0,291	-0,005	0,009	0,262	FALSE
0,019	0,314	0,001	0,007	0,037	FALSE
-0,057	0,312	-0,002	0,008	0,085	FALSE
-0,079	0,314	-0,003	0,010	0,125	FALSE
0,058	0,297	0,001	0,006	0,087	FALSE
-0,162	0,313	-0,003	0,007	0,195	FALSE
0,035	0,317	0,002	0,012	0,071	FALSE
-0,046	0,300	-0,002	0,008	0,081	FALSE
0,015	0,309	0,000	0,008	0,004	FALSE
0,051	0,322	0,001	0,007	0,070	FALSE
-0,104	0,310	-0,004	0,012	0,134	FALSE
0,141	0,304	0,005	0,010	0,203	FALSE
-0,048	0,304	-0,002	0,011	0,076	FALSE
0,049	0,305	0,001	0,007	0,049	FALSE
0,027	0,308	0,001	0,007	0,039	FALSE
-0,065	0,306	-0,002	0,007	0,085	FALSE
0,039	0,299	0,001	0,009	0,022	FALSE
-0,110	0,317	-0,005	0,011	0,173	FALSE
-0,004	0,300	0,000	0,010	0,013	FALSE
-0,063	0,307	-0,001	0,007	0,071	FALSE
0,000	0,311	0,000	0,007	0,001	FALSE
0,147	0,315	0,004	0,011	0,161	FALSE
0,050	0,308	0,001	0,008	0,044	FALSE
0,118	0,310	0,005	0,013	0,165	FALSE
-0,161	0,298	-0,006	0,012	0,194	FALSE
-0,083	0,310	-0,002	0,009	0,095	FALSE
0,107	0,292	0,003	0,009	0,121	FALSE
0,111	0,317	0,005	0,013	0,151	FALSE

-0,200	0,303	-0,007	0,012	0,277	FALSE
0,064	0,310	0,002	0,010	0,085	FALSE
0,063	0,322	0,003	0,012	0,102	FALSE
0,045	0,312	0,001	0,007	0,067	FALSE
0,009	0,306	0,000	0,009	0,016	FALSE
-0,090	0,317	-0,002	0,007	0,124	FALSE
-0,118	0,306	-0,004	0,010	0,151	FALSE
0,148	0,309	0,005	0,010	0,219	FALSE
0,065	0,300	0,001	0,013	0,024	FALSE
0,031	0,314	0,002	0,012	0,063	FALSE
0,085	0,308	0,003	0,008	0,154	FALSE
0,042	0,286	0,003	0,010	0,101	FALSE
0,038	0,316	0,002	0,011	0,061	FALSE
0,076	0,296	0,002	0,007	0,133	FALSE
-0,093	0,302	-0,002	0,007	0,101	FALSE
0,036	0,302	0,001	0,010	0,033	FALSE
0,057	0,295	0,001	0,006	0,062	FALSE
-0,017	0,307	0,000	0,007	0,001	FALSE
0,047	0,293	0,000	0,007	0,001	FALSE
-0,188	0,291	-0,005	0,008	0,294	FALSE
0,010	0,299	0,000	0,007	0,017	FALSE
-0,040	0,305	-0,001	0,008	0,038	FALSE
0,055	0,300	0,001	0,009	0,058	FALSE
0,129	0,302	0,004	0,008	0,220	FALSE
-0,040	0,311	-0,001	0,009	0,048	FALSE
0,006	0,307	0,001	0,010	0,034	FALSE
-0,078	0,300	-0,002	0,012	0,071	FALSE
-0,087	0,295	-0,003	0,012	0,085	FALSE
0,065	0,309	0,002	0,011	0,063	FALSE
-0,019	0,327	-0,001	0,009	0,038	FALSE
-0,014	0,298	-0,001	0,006	0,031	FALSE
0,039	0,315	0,001	0,006	0,047	FALSE
0,000	0,314	-0,001	0,009	0,029	FALSE
-0,039	0,312	-0,002	0,008	0,078	FALSE
0,008	0,319	0,001	0,011	0,019	FALSE
-0,125	0,313	-0,002	0,007	0,154	FALSE
0,119	0,310	0,004	0,008	0,194	TRUE
0,106	0,315	0,004	0,008	0,175	FALSE
0,129	0,310	0,004	0,010	0,172	FALSE
-0,148	0,303	-0,006	0,013	0,190	FALSE
-0,101	0,319	-0,004	0,012	0,116	FALSE
-0,078	0,308	-0,002	0,008	0,091	FALSE
0,084	0,288	0,003	0,007	0,147	FALSE
0,159	0,305	0,006	0,010	0,234	FALSE
0,037	0,304	0,001	0,006	0,032	FALSE
0,105	0,302	0,004	0,012	0,150	FALSE
-0,026	0,316	-0,001	0,010	0,052	FALSE
-0,052	0,303	-0,002	0,007	0,080	FALSE
0,050	0,297	0,003	0,009	0,117	FALSE
-0,059	0,303	-0,002	0,007	0,104	FALSE
0,012	0,309	0,000	0,008	0,011	FALSE
0,162	0,291	0,006	0,009	0,279	FALSE
0,048	0,311	0,001	0,007	0,069	FALSE

-0,086	0,306	-0,002	0,007	0,130	FALSE
-0,108	0,294	-0,002	0,007	0,135	FALSE
0,075	0,322	0,002	0,009	0,100	FALSE
0,037	0,306	0,002	0,012	0,051	FALSE
0,019	0,302	0,001	0,012	0,042	FALSE
-0,026	0,316	-0,001	0,008	0,044	FALSE
0,111	0,304	0,005	0,010	0,195	FALSE
-0,013	0,305	-0,001	0,011	0,016	FALSE
0,086	0,299	0,004	0,011	0,137	FALSE
-0,032	0,311	-0,001	0,009	0,027	FALSE
-0,071	0,306	-0,003	0,009	0,114	FALSE
0,036	0,309	0,001	0,007	0,050	FALSE
0,127	0,291	0,004	0,008	0,217	FALSE
0,184	0,300	0,003	0,006	0,231	FALSE
-0,046	0,315	-0,002	0,009	0,063	FALSE
-0,054	0,314	-0,002	0,012	0,063	FALSE
-0,077	0,310	-0,003	0,010	0,141	FALSE
-0,167	0,288	-0,004	0,009	0,203	FALSE
-0,097	0,320	-0,002	0,007	0,129	FALSE
0,082	0,300	0,004	0,012	0,120	FALSE
-0,092	0,299	-0,004	0,012	0,143	FALSE
-0,061	0,318	-0,002	0,007	0,089	FALSE
-0,025	0,308	-0,001	0,013	0,039	FALSE
-0,067	0,293	-0,003	0,012	0,102	FALSE
0,045	0,311	0,001	0,010	0,031	FALSE
-0,066	0,329	-0,002	0,009	0,070	FALSE
-0,014	0,306	-0,001	0,011	0,027	FALSE
0,096	0,309	0,003	0,011	0,111	FALSE
-0,042	0,299	-0,001	0,008	0,034	FALSE
0,073	0,311	0,003	0,013	0,092	FALSE
0,057	0,296	0,002	0,009	0,082	FALSE
-0,123	0,291	-0,006	0,012	0,196	FALSE
0,252	0,290	0,009	0,010	0,447	FALSE
0,049	0,305	0,001	0,007	0,054	FALSE
0,041	0,311	0,002	0,010	0,069	FALSE
0,022	0,319	0,001	0,007	0,049	FALSE
0,032	0,301	0,001	0,008	0,026	FALSE
0,027	0,310	0,001	0,008	0,032	FALSE
0,164	0,305	0,004	0,008	0,228	FALSE
0,013	0,307	0,000	0,011	0,007	FALSE
-0,070	0,296	-0,002	0,007	0,089	FALSE
0,006	0,307	0,000	0,007	0,019	FALSE
0,068	0,306	0,004	0,012	0,117	FALSE
-0,118	0,300	-0,005	0,012	0,174	FALSE
0,012	0,305	0,000	0,007	0,008	FALSE
-0,037	0,313	-0,002	0,011	0,079	FALSE
0,003	0,299	0,000	0,007	0,021	FALSE
0,008	0,298	0,001	0,007	0,039	FALSE
0,083	0,297	0,002	0,011	0,076	FALSE
-0,107	0,317	-0,003	0,010	0,127	FALSE
-0,090	0,304	-0,002	0,009	0,102	FALSE
-0,074	0,292	-0,002	0,008	0,105	FALSE
0,006	0,293	0,000	0,006	0,004	FALSE

-0,024	0,313	-0,001	0,010	0,021	FALSE
-0,082	0,316	-0,002	0,009	0,087	FALSE
0,011	0,307	0,000	0,010	0,003	FALSE
0,017	0,306	0,000	0,010	0,016	FALSE
-0,013	0,315	-0,001	0,011	0,034	FALSE
0,016	0,305	0,000	0,010	0,001	FALSE
-0,064	0,311	-0,002	0,007	0,090	FALSE
0,018	0,306	0,000	0,008	0,019	FALSE
0,042	0,314	0,001	0,008	0,058	FALSE
-0,122	0,309	-0,005	0,012	0,186	FALSE
0,057	0,287	0,002	0,008	0,100	FALSE
0,077	0,312	0,005	0,012	0,145	FALSE
-0,016	0,302	0,000	0,007	0,025	FALSE
-0,057	0,303	-0,002	0,012	0,066	FALSE
-0,104	0,301	-0,002	0,008	0,119	FALSE
0,065	0,309	0,001	0,009	0,028	FALSE
0,021	0,299	0,000	0,007	0,001	FALSE
-0,038	0,310	-0,001	0,012	0,028	FALSE
-0,045	0,304	-0,001	0,009	0,032	FALSE
-0,075	0,311	-0,002	0,007	0,102	FALSE
0,056	0,301	0,002	0,009	0,078	FALSE
0,015	0,293	0,002	0,012	0,048	FALSE
0,067	0,304	0,002	0,011	0,063	FALSE
0,004	0,320	0,000	0,013	0,006	FALSE
-0,006	0,304	0,000	0,012	0,004	FALSE
-0,006	0,301	-0,001	0,013	0,033	FALSE
0,105	0,298	0,005	0,013	0,163	FALSE
-0,031	0,304	-0,001	0,011	0,047	FALSE
-0,121	0,298	-0,004	0,012	0,125	FALSE
0,047	0,306	0,002	0,010	0,066	FALSE
0,053	0,313	0,002	0,011	0,077	FALSE
0,059	0,309	0,002	0,011	0,070	FALSE
-0,110	0,303	-0,002	0,007	0,128	FALSE
0,032	0,319	0,001	0,009	0,043	FALSE
0,116	0,310	0,004	0,009	0,185	FALSE
0,165	0,312	0,005	0,009	0,246	FALSE
0,160	0,307	0,007	0,013	0,236	FALSE
0,005	0,319	0,001	0,009	0,022	FALSE
-0,090	0,307	-0,004	0,011	0,135	FALSE
0,057	0,301	0,002	0,009	0,069	FALSE
-0,055	0,301	-0,001	0,006	0,063	FALSE
0,058	0,317	0,001	0,007	0,075	FALSE
0,089	0,312	0,003	0,013	0,094	FALSE
0,057	0,308	0,001	0,007	0,041	FALSE
0,057	0,308	0,001	0,008	0,035	FALSE
-0,078	0,303	-0,002	0,008	0,084	FALSE
0,059	0,311	0,001	0,008	0,054	FALSE
-0,006	0,307	0,000	0,008	0,021	FALSE
0,017	0,307	0,001	0,008	0,057	FALSE
0,078	0,304	0,003	0,009	0,153	FALSE
-0,013	0,315	0,000	0,013	0,007	FALSE
0,008	0,298	0,001	0,009	0,055	FALSE
0,040	0,323	0,001	0,008	0,049	FALSE

0,058	0,302	0,002	0,009	0,090	FALSE
0,104	0,303	0,003	0,008	0,134	FALSE
0,042	0,310	0,001	0,008	0,052	FALSE
0,035	0,318	0,002	0,012	0,060	FALSE
0,024	0,314	0,000	0,010	0,011	FALSE
-0,086	0,302	-0,001	0,006	0,078	FALSE
-0,066	0,310	-0,001	0,007	0,046	FALSE
0,096	0,307	0,003	0,012	0,094	FALSE
-0,063	0,304	-0,002	0,011	0,066	FALSE
-0,045	0,303	-0,001	0,007	0,071	FALSE
-0,079	0,285	-0,002	0,012	0,062	FALSE
0,016	0,299	0,001	0,012	0,015	FALSE
0,046	0,309	0,001	0,012	0,038	FALSE
0,168	0,300	0,005	0,010	0,224	FALSE
-0,006	0,299	0,000	0,009	0,018	FALSE
-0,085	0,311	-0,002	0,008	0,095	FALSE
0,072	0,307	0,003	0,012	0,078	FALSE
-0,042	0,304	-0,001	0,011	0,040	FALSE
-0,051	0,308	-0,001	0,007	0,048	FALSE
-0,021	0,326	-0,001	0,010	0,035	FALSE
-0,042	0,316	-0,001	0,007	0,069	FALSE
0,015	0,326	0,001	0,007	0,031	FALSE
0,004	0,320	0,000	0,010	0,003	FALSE
-0,110	0,306	-0,004	0,010	0,151	FALSE
-0,022	0,295	0,001	0,011	0,023	FALSE
0,008	0,321	0,000	0,010	0,008	FALSE
-0,116	0,313	-0,003	0,008	0,133	FALSE
-0,072	0,300	-0,003	0,011	0,105	FALSE
0,056	0,305	0,001	0,010	0,046	FALSE
-0,028	0,307	0,000	0,011	0,014	FALSE
0,102	0,307	0,003	0,010	0,137	FALSE
-0,007	0,307	0,001	0,007	0,026	FALSE
-0,088	0,317	-0,002	0,007	0,113	FALSE
0,021	0,317	0,001	0,011	0,041	FALSE
-0,006	0,313	0,000	0,013	0,003	FALSE
0,028	0,303	0,001	0,009	0,032	FALSE
-0,019	0,285	-0,001	0,007	0,026	FALSE
0,008	0,314	0,000	0,009	0,011	FALSE
0,024	0,303	0,000	0,010	0,011	FALSE
0,022	0,310	0,000	0,009	0,007	FALSE
-0,004	0,319	0,000	0,007	0,021	FALSE
0,010	0,301	0,000	0,008	0,010	FALSE
0,043	0,308	0,001	0,010	0,043	FALSE
0,072	0,297	0,002	0,011	0,073	FALSE
-0,063	0,318	-0,002	0,007	0,104	FALSE
-0,214	0,300	-0,008	0,011	0,320	FALSE
-0,098	0,300	-0,003	0,009	0,143	FALSE
-0,046	0,318	-0,003	0,011	0,094	FALSE
-0,089	0,308	-0,002	0,007	0,092	FALSE
-0,094	0,297	-0,002	0,007	0,098	FALSE
-0,103	0,306	-0,002	0,007	0,121	FALSE
-0,069	0,319	-0,001	0,007	0,069	FALSE
-0,095	0,314	-0,002	0,007	0,100	FALSE

-0,013	0,305	0,000	0,010	0,011	FALSE
-0,097	0,304	-0,002	0,007	0,115	FALSE
0,031	0,297	0,000	0,008	0,016	FALSE
0,006	0,316	-0,001	0,012	0,027	FALSE
-0,054	0,301	-0,002	0,010	0,063	FALSE
0,001	0,301	0,001	0,012	0,042	FALSE
-0,014	0,305	0,001	0,012	0,028	FALSE
-0,007	0,299	0,000	0,010	0,014	FALSE
0,081	0,295	0,002	0,007	0,108	FALSE
0,055	0,316	0,001	0,007	0,048	FALSE
-0,169	0,293	-0,006	0,010	0,251	FALSE
0,100	0,300	0,004	0,012	0,138	FALSE
-0,099	0,306	-0,003	0,010	0,131	FALSE
0,052	0,316	0,002	0,013	0,066	FALSE
0,133	0,300	0,003	0,007	0,159	FALSE
0,061	0,302	0,001	0,006	0,059	FALSE
-0,016	0,315	0,000	0,008	0,021	FALSE
0,106	0,305	0,003	0,006	0,182	FALSE
0,113	0,297	0,004	0,012	0,142	FALSE
0,020	0,304	0,001	0,009	0,023	FALSE
-0,014	0,295	0,000	0,009	0,016	FALSE
0,015	0,301	0,001	0,011	0,044	FALSE
0,014	0,305	-0,001	0,008	0,038	FALSE
0,037	0,296	0,001	0,011	0,036	FALSE
0,111	0,303	0,004	0,011	0,125	FALSE
-0,008	0,292	0,000	0,007	0,023	FALSE
-0,003	0,322	0,000	0,007	0,002	FALSE
-0,075	0,309	-0,003	0,011	0,095	FALSE
-0,018	0,309	-0,001	0,009	0,028	FALSE
0,142	0,292	0,007	0,011	0,254	FALSE
0,045	0,305	0,001	0,006	0,030	FALSE
0,054	0,303	0,001	0,007	0,052	FALSE
-0,038	0,326	-0,001	0,007	0,063	FALSE
-0,093	0,303	-0,003	0,009	0,130	FALSE
-0,098	0,319	-0,003	0,011	0,110	FALSE
-0,093	0,322	-0,002	0,008	0,104	FALSE
-0,036	0,302	-0,002	0,012	0,058	FALSE
0,073	0,303	0,002	0,012	0,067	FALSE
0,090	0,305	0,002	0,008	0,100	FALSE
0,076	0,303	0,002	0,007	0,096	FALSE
0,054	0,323	0,002	0,010	0,076	FALSE
-0,066	0,290	-0,003	0,011	0,098	FALSE
-0,066	0,293	-0,003	0,012	0,104	FALSE
-0,069	0,311	-0,002	0,012	0,056	FALSE
0,158	0,301	0,006	0,012	0,217	FALSE
-0,014	0,318	0,000	0,008	0,014	FALSE
-0,058	0,314	-0,003	0,013	0,080	FALSE
-0,146	0,302	-0,004	0,009	0,195	FALSE
-0,024	0,305	0,000	0,008	0,017	FALSE
-0,048	0,301	-0,001	0,011	0,041	FALSE
0,089	0,306	0,003	0,012	0,092	FALSE
-0,110	0,289	-0,003	0,010	0,120	FALSE
-0,052	0,301	0,000	0,010	0,015	FALSE

-0,034	0,313	-0,001	0,007	0,037	FALSE
-0,105	0,319	-0,002	0,008	0,124	FALSE
-0,084	0,294	-0,003	0,009	0,114	FALSE
0,008	0,314	0,000	0,013	0,003	FALSE
0,181	0,298	0,004	0,008	0,228	FALSE
0,050	0,302	0,002	0,011	0,055	FALSE
-0,107	0,307	-0,003	0,008	0,172	FALSE
0,013	0,318	0,000	0,008	0,017	FALSE
-0,025	0,312	-0,001	0,009	0,034	FALSE
0,083	0,308	0,002	0,008	0,075	FALSE
-0,015	0,307	0,000	0,011	0,006	FALSE
-0,025	0,309	-0,001	0,008	0,029	FALSE
-0,016	0,317	0,000	0,007	0,007	FALSE
0,020	0,304	0,000	0,009	0,004	FALSE
-0,004	0,306	0,000	0,009	0,003	FALSE
-0,071	0,316	-0,002	0,007	0,088	FALSE
-0,161	0,283	-0,006	0,011	0,235	FALSE
-0,131	0,287	-0,006	0,012	0,206	FALSE
0,152	0,289	0,007	0,012	0,239	FALSE
0,030	0,311	0,001	0,009	0,050	FALSE
0,096	0,303	0,004	0,011	0,147	FALSE
-0,095	0,302	-0,002	0,007	0,110	FALSE
0,020	0,294	0,000	0,010	0,011	FALSE
-0,067	0,310	-0,003	0,010	0,101	FALSE
0,030	0,302	0,000	0,009	0,014	FALSE
-0,059	0,298	-0,002	0,007	0,088	FALSE
0,073	0,317	0,002	0,008	0,076	FALSE
-0,194	0,293	-0,006	0,009	0,289	FALSE
-0,173	0,306	-0,005	0,009	0,222	FALSE
0,079	0,302	0,004	0,010	0,148	FALSE
-0,057	0,300	-0,002	0,008	0,098	FALSE
0,152	0,305	0,004	0,009	0,188	FALSE
0,075	0,306	0,002	0,006	0,138	FALSE
0,013	0,309	0,000	0,007	0,019	FALSE
-0,187	0,302	-0,005	0,008	0,271	FALSE
0,043	0,314	0,002	0,013	0,053	FALSE
0,089	0,310	0,002	0,006	0,117	FALSE
0,002	0,293	0,001	0,011	0,040	FALSE
0,070	0,311	0,002	0,011	0,081	FALSE
0,051	0,301	0,001	0,007	0,055	FALSE
0,017	0,311	0,000	0,011	0,001	FALSE
0,083	0,308	0,002	0,007	0,107	FALSE
0,131	0,299	0,006	0,012	0,213	FALSE
-0,018	0,316	0,000	0,010	0,000	FALSE
0,008	0,312	0,000	0,008	0,017	FALSE
-0,020	0,315	0,000	0,007	0,008	FALSE
0,065	0,302	0,003	0,009	0,108	FALSE
0,081	0,317	0,003	0,012	0,101	FALSE
0,086	0,318	0,003	0,012	0,108	FALSE
0,004	0,316	0,001	0,011	0,020	FALSE
0,025	0,317	0,001	0,012	0,024	FALSE
-0,164	0,311	-0,004	0,007	0,214	FALSE
-0,043	0,317	-0,001	0,010	0,031	FALSE

0,062	0,300	0,002	0,010	0,075	FALSE
0,054	0,307	0,002	0,010	0,062	FALSE
0,066	0,311	0,002	0,010	0,083	FALSE
-0,023	0,306	0,000	0,007	0,007	FALSE
-0,095	0,306	-0,005	0,013	0,155	FALSE
0,026	0,305	0,001	0,012	0,035	FALSE
-0,032	0,316	-0,001	0,012	0,030	FALSE
-0,081	0,304	-0,002	0,008	0,122	FALSE
0,003	0,322	0,000	0,011	0,007	FALSE
-0,070	0,304	-0,001	0,007	0,054	FALSE
0,073	0,309	0,003	0,011	0,098	FALSE
0,029	0,300	0,001	0,006	0,051	FALSE
-0,116	0,306	-0,002	0,007	0,127	FALSE
-0,048	0,312	-0,001	0,006	0,072	FALSE
-0,067	0,292	-0,003	0,012	0,092	FALSE
-0,046	0,318	-0,001	0,009	0,053	FALSE
-0,056	0,319	-0,002	0,012	0,076	FALSE
-0,007	0,309	0,000	0,007	0,001	FALSE
0,075	0,313	0,003	0,010	0,133	FALSE
0,083	0,311	0,001	0,007	0,073	FALSE
0,122	0,286	0,005	0,011	0,206	FALSE
-0,005	0,284	0,000	0,006	0,002	FALSE
0,120	0,305	0,005	0,011	0,200	FALSE
0,015	0,307	0,000	0,006	0,006	FALSE
0,006	0,297	0,000	0,007	0,004	FALSE
0,084	0,305	0,002	0,008	0,092	FALSE
-0,062	0,310	-0,002	0,011	0,057	FALSE
0,053	0,323	0,001	0,007	0,056	FALSE
-0,013	0,303	0,000	0,007	0,001	FALSE
-0,006	0,303	0,000	0,007	0,006	FALSE
-0,015	0,312	-0,001	0,007	0,037	FALSE
-0,072	0,301	-0,001	0,006	0,061	FALSE
-0,068	0,299	-0,002	0,006	0,113	FALSE
0,128	0,312	0,003	0,007	0,185	FALSE
-0,049	0,299	-0,001	0,011	0,045	FALSE
-0,001	0,300	0,000	0,007	0,003	FALSE
-0,031	0,307	-0,002	0,012	0,062	FALSE
0,100	0,302	0,002	0,007	0,098	FALSE
0,080	0,313	0,004	0,012	0,113	FALSE
0,063	0,299	0,003	0,012	0,088	FALSE
0,008	0,301	0,000	0,012	0,010	FALSE
0,097	0,300	0,002	0,006	0,155	FALSE
0,112	0,302	0,003	0,008	0,137	FALSE
0,026	0,312	0,002	0,011	0,057	FALSE
0,058	0,302	0,003	0,010	0,097	FALSE
-0,181	0,294	-0,008	0,012	0,299	FALSE
-0,039	0,315	-0,001	0,012	0,039	FALSE
-0,105	0,300	-0,002	0,007	0,108	FALSE
0,026	0,296	0,001	0,011	0,030	FALSE
0,203	0,291	0,004	0,007	0,246	FALSE
-0,109	0,310	-0,003	0,008	0,142	FALSE
0,057	0,310	0,003	0,012	0,089	FALSE
-0,132	0,301	-0,007	0,012	0,231	FALSE

-0,102	0,304	-0,005	0,012	0,182	FALSE
-0,049	0,308	-0,001	0,008	0,051	FALSE
-0,073	0,303	-0,004	0,011	0,133	FALSE
-0,077	0,303	-0,002	0,012	0,078	FALSE
-0,040	0,309	0,000	0,011	0,015	FALSE
0,103	0,301	0,004	0,010	0,150	FALSE
-0,047	0,314	0,000	0,012	0,015	FALSE
-0,086	0,322	-0,002	0,007	0,109	FALSE
0,087	0,298	0,002	0,006	0,105	FALSE
0,066	0,302	0,002	0,012	0,061	FALSE
0,191	0,293	0,005	0,008	0,296	FALSE
-0,067	0,299	-0,003	0,011	0,100	FALSE
0,189	0,287	0,007	0,010	0,305	FALSE
-0,078	0,306	-0,003	0,011	0,110	FALSE
-0,124	0,303	-0,005	0,010	0,185	FALSE
-0,189	0,296	-0,008	0,011	0,321	FALSE
0,063	0,304	0,002	0,012	0,060	FALSE
-0,006	0,308	0,000	0,013	0,008	FALSE
0,018	0,293	0,000	0,007	0,020	FALSE
-0,085	0,308	-0,004	0,013	0,139	FALSE
0,086	0,305	0,005	0,013	0,150	FALSE
-0,064	0,294	-0,004	0,012	0,129	FALSE
0,052	0,294	0,003	0,011	0,092	FALSE
-0,012	0,303	0,000	0,008	0,005	FALSE
-0,016	0,311	0,000	0,010	0,015	FALSE
-0,036	0,311	-0,002	0,012	0,062	FALSE
-0,119	0,307	-0,004	0,011	0,168	FALSE
-0,070	0,312	-0,002	0,008	0,109	FALSE
0,097	0,310	0,003	0,010	0,106	FALSE
0,101	0,306	0,003	0,011	0,098	FALSE
0,134	0,305	0,003	0,008	0,173	FALSE
0,008	0,303	0,001	0,006	0,037	FALSE
-0,082	0,310	-0,002	0,007	0,092	FALSE
0,039	0,302	0,001	0,007	0,073	FALSE
0,055	0,307	0,002	0,009	0,061	FALSE
-0,167	0,301	-0,004	0,008	0,211	FALSE
-0,101	0,278	-0,003	0,011	0,111	FALSE
0,034	0,306	0,002	0,009	0,064	FALSE
-0,015	0,314	-0,001	0,010	0,047	FALSE
-0,034	0,300	-0,001	0,007	0,030	FALSE
-0,091	0,308	-0,003	0,009	0,141	FALSE
-0,140	0,303	-0,003	0,007	0,202	FALSE
0,043	0,311	0,000	0,011	0,012	FALSE
0,046	0,293	0,001	0,012	0,029	FALSE
-0,007	0,294	-0,001	0,010	0,018	FALSE
0,039	0,300	0,001	0,007	0,076	FALSE
0,039	0,301	0,001	0,010	0,040	FALSE
0,154	0,295	0,005	0,011	0,200	FALSE
0,062	0,303	0,002	0,009	0,091	FALSE
-0,102	0,302	-0,002	0,006	0,162	FALSE
0,059	0,292	0,004	0,011	0,138	FALSE
0,067	0,321	0,002	0,007	0,124	FALSE
0,130	0,316	0,006	0,013	0,180	FALSE

0,028	0,316	0,000	0,007	0,010	FALSE
-0,017	0,308	-0,001	0,012	0,023	FALSE
0,006	0,297	0,000	0,010	0,009	FALSE
0,010	0,304	0,000	0,007	0,014	FALSE
-0,040	0,309	-0,001	0,008	0,050	FALSE
0,052	0,291	0,003	0,011	0,124	FALSE
0,019	0,313	0,000	0,006	0,010	FALSE
0,106	0,292	0,004	0,009	0,179	FALSE
0,016	0,308	0,000	0,007	0,016	FALSE
0,099	0,305	0,003	0,009	0,138	FALSE
0,042	0,298	0,003	0,012	0,097	FALSE
0,049	0,297	0,003	0,012	0,103	FALSE
-0,066	0,319	-0,003	0,011	0,090	FALSE
-0,033	0,303	-0,001	0,006	0,055	FALSE
0,038	0,321	0,001	0,008	0,042	FALSE
0,189	0,288	0,004	0,007	0,261	FALSE
0,064	0,316	0,001	0,007	0,065	FALSE
-0,028	0,319	-0,002	0,013	0,043	FALSE
0,080	0,312	0,001	0,009	0,050	FALSE
-0,040	0,306	-0,001	0,011	0,031	FALSE
0,018	0,313	0,001	0,010	0,049	FALSE
-0,126	0,301	-0,003	0,007	0,163	FALSE
0,081	0,312	0,002	0,009	0,104	FALSE
-0,016	0,306	-0,001	0,007	0,038	FALSE
0,101	0,305	0,004	0,012	0,137	FALSE
0,117	0,308	0,005	0,012	0,153	FALSE
-0,019	0,301	-0,001	0,007	0,028	FALSE
0,149	0,297	0,004	0,010	0,177	FALSE
0,055	0,308	0,002	0,013	0,067	FALSE
-0,056	0,304	-0,001	0,006	0,053	FALSE
0,142	0,316	0,004	0,009	0,167	FALSE
0,055	0,311	0,002	0,007	0,089	FALSE
0,084	0,296	0,002	0,006	0,116	FALSE
-0,059	0,311	-0,001	0,007	0,066	FALSE
0,042	0,294	0,002	0,006	0,111	FALSE
-0,121	0,299	-0,006	0,012	0,197	FALSE
-0,009	0,297	-0,001	0,010	0,029	FALSE
0,022	0,313	0,001	0,009	0,032	FALSE
-0,068	0,317	-0,002	0,011	0,055	FALSE
0,069	0,311	0,001	0,007	0,056	FALSE
-0,052	0,287	-0,001	0,008	0,034	FALSE
-0,001	0,315	0,000	0,008	0,011	FALSE
-0,010	0,316	-0,001	0,008	0,027	FALSE
-0,007	0,321	-0,001	0,012	0,015	FALSE
0,150	0,310	0,006	0,011	0,215	FALSE
-0,007	0,306	-0,001	0,007	0,026	FALSE
0,058	0,310	0,001	0,006	0,036	FALSE
0,076	0,307	0,001	0,008	0,065	FALSE
-0,073	0,303	-0,003	0,012	0,105	FALSE
0,008	0,305	0,000	0,006	0,013	FALSE
0,002	0,301	0,000	0,006	0,006	FALSE
0,029	0,309	0,000	0,007	0,011	FALSE
0,167	0,315	0,007	0,013	0,222	FALSE

0,098	0,302	0,003	0,008	0,129	FALSE
-0,005	0,312	0,000	0,012	0,005	FALSE
0,092	0,293	0,003	0,010	0,134	FALSE
-0,079	0,304	-0,004	0,009	0,169	FALSE
-0,012	0,304	0,000	0,006	0,026	FALSE
-0,023	0,309	0,000	0,010	0,010	FALSE
-0,042	0,320	-0,002	0,012	0,064	FALSE
-0,066	0,316	-0,002	0,010	0,067	FALSE
0,055	0,312	0,002	0,008	0,070	FALSE
0,035	0,287	0,001	0,010	0,040	FALSE
-0,143	0,293	-0,005	0,012	0,186	FALSE
0,044	0,301	0,001	0,010	0,045	FALSE
0,040	0,320	0,001	0,010	0,044	FALSE
0,008	0,300	0,001	0,012	0,042	FALSE
0,031	0,293	0,001	0,007	0,040	FALSE
0,108	0,297	0,003	0,008	0,170	FALSE
0,055	0,315	0,002	0,011	0,064	FALSE
-0,098	0,310	-0,002	0,007	0,110	FALSE
0,025	0,292	0,001	0,007	0,054	FALSE
0,102	0,305	0,002	0,007	0,119	FALSE
0,060	0,304	0,003	0,012	0,089	FALSE
0,069	0,297	0,001	0,006	0,069	FALSE
-0,090	0,316	-0,002	0,007	0,093	FALSE
-0,060	0,299	-0,001	0,006	0,075	FALSE
0,174	0,291	0,006	0,010	0,286	FALSE
-0,078	0,315	-0,002	0,007	0,095	FALSE
0,004	0,309	-0,001	0,008	0,035	FALSE
-0,129	0,300	-0,004	0,008	0,202	FALSE
0,020	0,321	0,001	0,009	0,035	FALSE
-0,043	0,306	-0,001	0,012	0,042	FALSE
-0,014	0,306	0,000	0,009	0,000	FALSE
-0,046	0,303	-0,001	0,007	0,044	FALSE
-0,133	0,298	-0,004	0,009	0,194	FALSE
0,044	0,324	0,001	0,009	0,048	FALSE
0,058	0,310	0,002	0,012	0,050	FALSE
-0,072	0,305	-0,001	0,007	0,057	FALSE
0,050	0,300	0,002	0,013	0,054	FALSE
-0,019	0,316	0,000	0,008	0,009	FALSE
0,133	0,307	0,005	0,011	0,203	FALSE
0,010	0,312	0,001	0,011	0,019	FALSE
0,037	0,305	0,001	0,010	0,048	FALSE
-0,088	0,315	-0,002	0,007	0,130	FALSE
0,057	0,299	0,001	0,008	0,039	FALSE
0,056	0,317	0,001	0,008	0,067	FALSE
0,039	0,317	0,001	0,013	0,042	FALSE
0,075	0,311	0,003	0,012	0,076	FALSE
-0,039	0,310	-0,001	0,007	0,047	FALSE
0,075	0,296	0,002	0,007	0,090	FALSE
0,006	0,309	0,000	0,009	0,006	FALSE
-0,010	0,311	0,000	0,006	0,022	FALSE
0,066	0,307	0,003	0,009	0,117	FALSE
-0,036	0,308	-0,001	0,006	0,045	FALSE
0,019	0,302	0,001	0,009	0,038	FALSE

-0,094	0,316	-0,005	0,012	0,172	FALSE
-0,084	0,291	-0,002	0,012	0,076	FALSE
0,037	0,299	0,001	0,006	0,061	FALSE
0,066	0,295	0,002	0,007	0,111	FALSE
-0,017	0,322	-0,001	0,011	0,032	FALSE
0,017	0,302	0,001	0,007	0,041	FALSE
-0,030	0,306	0,000	0,007	0,022	FALSE
-0,007	0,310	-0,001	0,013	0,022	FALSE
-0,134	0,304	-0,005	0,012	0,187	FALSE
0,077	0,298	0,002	0,008	0,094	FALSE
0,119	0,313	0,005	0,012	0,149	FALSE
-0,009	0,301	-0,001	0,008	0,039	FALSE
-0,120	0,312	-0,004	0,010	0,171	FALSE
-0,171	0,297	-0,006	0,010	0,255	FALSE
-0,095	0,312	-0,003	0,010	0,132	FALSE
0,057	0,287	0,003	0,012	0,089	FALSE
0,002	0,299	0,000	0,011	0,015	FALSE
0,042	0,299	0,002	0,012	0,054	FALSE
0,018	0,303	0,001	0,011	0,023	FALSE
0,080	0,287	0,003	0,012	0,109	FALSE
0,105	0,305	0,003	0,007	0,151	FALSE
-0,014	0,298	-0,001	0,007	0,037	FALSE
0,064	0,312	0,002	0,007	0,082	FALSE
0,038	0,302	0,002	0,012	0,048	FALSE
-0,068	0,298	-0,003	0,011	0,088	FALSE
0,003	0,305	0,000	0,009	0,011	FALSE
0,021	0,305	0,001	0,010	0,035	FALSE
0,038	0,296	0,001	0,012	0,017	FALSE
0,119	0,307	0,003	0,009	0,146	FALSE
-0,013	0,293	-0,002	0,011	0,065	FALSE
-0,017	0,309	0,000	0,007	0,013	FALSE
-0,016	0,299	0,000	0,007	0,015	FALSE
0,032	0,304	0,001	0,007	0,044	FALSE
0,061	0,320	0,002	0,012	0,064	FALSE
0,053	0,311	0,001	0,010	0,051	FALSE
-0,177	0,308	-0,004	0,008	0,233	FALSE
0,038	0,308	0,001	0,006	0,041	FALSE
-0,051	0,308	-0,003	0,013	0,090	FALSE
-0,018	0,303	-0,001	0,006	0,051	FALSE
-0,031	0,301	-0,001	0,009	0,048	FALSE
0,096	0,296	0,003	0,008	0,148	FALSE
0,034	0,310	0,000	0,007	0,021	FALSE
-0,080	0,293	-0,003	0,010	0,118	FALSE
-0,124	0,295	-0,004	0,010	0,171	FALSE
-0,025	0,300	-0,001	0,010	0,022	FALSE
-0,105	0,290	-0,004	0,010	0,161	FALSE
-0,067	0,296	-0,003	0,011	0,086	FALSE
-0,007	0,317	0,000	0,011	0,004	FALSE
0,032	0,314	0,002	0,013	0,060	FALSE
0,051	0,301	0,001	0,008	0,035	FALSE
-0,035	0,315	-0,001	0,008	0,045	FALSE
-0,033	0,301	-0,001	0,007	0,040	FALSE
-0,071	0,304	-0,002	0,009	0,084	FALSE

0,003	0,294	0,001	0,013	0,026	FALSE
-0,056	0,317	-0,002	0,006	0,096	FALSE
0,087	0,316	0,002	0,006	0,120	FALSE
-0,084	0,313	-0,002	0,007	0,089	FALSE
0,061	0,298	0,002	0,013	0,073	FALSE
0,055	0,290	0,003	0,012	0,094	FALSE
0,045	0,300	0,003	0,012	0,092	FALSE
0,183	0,293	0,004	0,006	0,331	FALSE
-0,054	0,302	-0,003	0,010	0,098	FALSE
0,055	0,308	0,001	0,007	0,056	FALSE
0,036	0,308	0,002	0,009	0,063	FALSE
-0,053	0,306	-0,001	0,006	0,063	FALSE
0,113	0,308	0,003	0,009	0,114	FALSE
0,011	0,313	0,000	0,011	0,008	FALSE
-0,075	0,307	-0,003	0,012	0,088	FALSE
0,037	0,307	0,001	0,008	0,025	FALSE
0,030	0,297	0,000	0,006	0,007	FALSE
0,028	0,308	0,001	0,007	0,031	FALSE
0,028	0,285	0,001	0,006	0,080	FALSE
0,031	0,317	0,001	0,009	0,020	FALSE
0,033	0,310	0,001	0,009	0,037	FALSE
-0,022	0,301	0,000	0,006	0,010	FALSE
0,006	0,306	-0,001	0,012	0,039	FALSE
0,106	0,309	0,003	0,010	0,136	FALSE
-0,049	0,297	-0,002	0,012	0,051	FALSE
-0,063	0,310	-0,002	0,013	0,057	FALSE
0,032	0,296	0,001	0,007	0,036	FALSE
-0,036	0,314	-0,002	0,011	0,056	FALSE
0,125	0,297	0,003	0,009	0,155	FALSE
0,067	0,305	0,003	0,012	0,094	FALSE
0,001	0,309	0,000	0,006	0,017	FALSE
0,102	0,313	0,004	0,012	0,113	FALSE
0,212	0,302	0,008	0,011	0,321	FALSE
-0,125	0,302	-0,006	0,012	0,208	TRUE
0,174	0,310	0,007	0,012	0,250	FALSE
0,152	0,298	0,005	0,011	0,203	FALSE
-0,090	0,318	-0,003	0,013	0,097	FALSE
0,021	0,300	0,000	0,007	0,011	FALSE
0,146	0,305	0,006	0,012	0,205	FALSE
0,061	0,294	0,002	0,006	0,115	FALSE
-0,040	0,309	-0,001	0,008	0,057	FALSE
-0,124	0,319	-0,005	0,012	0,183	FALSE
0,026	0,309	0,000	0,012	0,011	FALSE
0,016	0,322	0,001	0,008	0,037	FALSE
-0,134	0,309	-0,003	0,006	0,165	FALSE
0,072	0,314	0,002	0,007	0,094	FALSE
0,019	0,301	0,000	0,006	0,011	FALSE
0,050	0,297	0,002	0,010	0,080	FALSE
-0,085	0,303	-0,003	0,010	0,111	FALSE
0,183	0,315	0,004	0,007	0,265	FALSE
-0,104	0,302	-0,002	0,009	0,110	FALSE
-0,053	0,318	-0,003	0,013	0,073	FALSE
-0,106	0,314	-0,002	0,007	0,139	FALSE

-0,013	0,292	-0,001	0,006	0,037	FALSE
0,018	0,301	0,000	0,009	0,019	FALSE
-0,161	0,304	-0,007	0,011	0,257	FALSE
-0,093	0,309	-0,003	0,009	0,138	FALSE
-0,142	0,299	-0,004	0,009	0,188	FALSE
-0,041	0,313	-0,002	0,009	0,066	FALSE
-0,009	0,305	-0,001	0,013	0,030	FALSE
-0,121	0,306	-0,003	0,008	0,139	FALSE
0,059	0,315	0,001	0,012	0,047	FALSE
-0,049	0,297	-0,001	0,006	0,031	FALSE
0,084	0,300	0,002	0,009	0,103	FALSE
-0,079	0,309	-0,003	0,011	0,105	FALSE
-0,053	0,315	-0,002	0,010	0,087	FALSE
0,034	0,319	0,003	0,013	0,076	FALSE
0,113	0,293	0,003	0,006	0,194	FALSE
-0,059	0,314	-0,002	0,010	0,067	FALSE
-0,007	0,314	0,000	0,007	0,001	FALSE
0,075	0,310	0,002	0,009	0,090	FALSE
-0,050	0,310	-0,001	0,007	0,059	FALSE
-0,080	0,303	-0,003	0,013	0,095	FALSE
0,052	0,297	0,001	0,007	0,044	FALSE
0,072	0,325	0,002	0,009	0,088	FALSE
0,070	0,301	0,002	0,007	0,082	FALSE
0,032	0,303	0,001	0,010	0,022	FALSE
0,121	0,299	0,003	0,008	0,162	FALSE
0,003	0,310	-0,001	0,013	0,016	FALSE
-0,095	0,307	-0,002	0,008	0,099	FALSE
-0,081	0,305	-0,003	0,011	0,097	FALSE
-0,005	0,293	0,000	0,010	0,003	FALSE
0,045	0,316	0,001	0,010	0,053	FALSE
-0,020	0,314	-0,001	0,008	0,044	FALSE
-0,152	0,300	-0,006	0,012	0,219	FALSE
-0,052	0,300	-0,001	0,006	0,090	FALSE
0,119	0,294	0,004	0,009	0,184	FALSE
0,024	0,317	0,000	0,013	0,013	FALSE
0,049	0,300	0,002	0,008	0,091	FALSE
0,107	0,304	0,005	0,012	0,158	FALSE
0,021	0,314	0,000	0,012	0,014	FALSE
-0,058	0,310	-0,001	0,007	0,049	FALSE
-0,024	0,304	-0,001	0,011	0,026	FALSE
-0,029	0,312	-0,001	0,011	0,023	FALSE
0,108	0,295	0,004	0,011	0,122	FALSE
-0,147	0,303	-0,006	0,011	0,227	FALSE
0,017	0,305	0,000	0,006	0,016	FALSE
-0,036	0,306	0,000	0,007	0,027	FALSE
-0,039	0,312	-0,002	0,012	0,056	FALSE
-0,079	0,302	-0,002	0,007	0,104	FALSE
0,066	0,315	0,002	0,011	0,053	FALSE
-0,013	0,315	-0,001	0,009	0,028	FALSE
0,005	0,303	0,000	0,008	0,010	FALSE
0,033	0,311	0,001	0,007	0,068	FALSE
0,037	0,304	0,002	0,011	0,049	FALSE
-0,053	0,306	-0,003	0,012	0,084	FALSE

-0,082	0,301	-0,002	0,007	0,109	FALSE
-0,115	0,301	-0,002	0,007	0,135	FALSE
-0,057	0,307	-0,001	0,007	0,058	FALSE
-0,003	0,299	0,000	0,007	0,017	FALSE
-0,038	0,311	-0,001	0,010	0,042	FALSE
0,096	0,304	0,002	0,007	0,114	FALSE
0,091	0,301	0,002	0,007	0,144	FALSE
0,040	0,308	0,001	0,013	0,042	FALSE
-0,009	0,317	0,000	0,010	0,002	FALSE
0,057	0,317	0,002	0,009	0,073	FALSE
0,049	0,303	0,002	0,009	0,066	FALSE
-0,110	0,308	-0,004	0,011	0,129	FALSE
0,118	0,303	0,004	0,009	0,158	TRUE
0,004	0,312	0,000	0,007	0,004	FALSE
0,036	0,309	0,001	0,008	0,061	FALSE
-0,126	0,313	-0,003	0,007	0,188	FALSE
-0,039	0,291	-0,001	0,007	0,063	FALSE
-0,047	0,314	-0,001	0,007	0,075	FALSE
0,014	0,312	0,001	0,012	0,034	FALSE
-0,114	0,295	-0,003	0,008	0,131	FALSE
0,100	0,319	0,002	0,007	0,084	FALSE
0,055	0,292	0,002	0,006	0,097	FALSE
0,045	0,321	0,001	0,009	0,030	FALSE
0,038	0,308	0,001	0,009	0,058	FALSE
0,082	0,298	0,003	0,008	0,146	FALSE
0,139	0,306	0,004	0,007	0,210	FALSE
0,002	0,316	0,000	0,007	0,023	FALSE
-0,113	0,304	-0,003	0,007	0,155	FALSE
0,175	0,301	0,006	0,012	0,223	FALSE
-0,100	0,304	-0,002	0,007	0,126	FALSE
-0,050	0,310	-0,002	0,012	0,060	FALSE
-0,050	0,306	-0,001	0,007	0,048	FALSE
0,026	0,305	0,001	0,011	0,036	FALSE
-0,052	0,315	-0,001	0,007	0,055	FALSE
-0,172	0,295	-0,004	0,008	0,256	FALSE
0,045	0,294	0,003	0,013	0,100	FALSE
0,152	0,307	0,004	0,008	0,196	FALSE
0,022	0,304	0,000	0,007	0,023	FALSE
-0,014	0,308	-0,001	0,008	0,024	FALSE
0,006	0,311	0,000	0,008	0,008	FALSE
-0,088	0,300	-0,003	0,010	0,126	FALSE
0,092	0,310	0,003	0,008	0,126	FALSE
0,022	0,311	0,001	0,012	0,028	FALSE
-0,017	0,316	0,000	0,007	0,020	FALSE
-0,026	0,318	-0,001	0,007	0,029	FALSE
-0,031	0,315	-0,001	0,010	0,038	FALSE
-0,017	0,305	-0,001	0,011	0,021	FALSE
-0,013	0,321	-0,001	0,007	0,032	FALSE
0,099	0,307	0,003	0,008	0,150	FALSE
-0,009	0,312	0,000	0,008	0,006	FALSE
0,014	0,310	0,001	0,010	0,029	FALSE
-0,017	0,292	-0,001	0,007	0,040	FALSE
0,147	0,286	0,005	0,011	0,174	FALSE

-0,086	0,315	-0,003	0,008	0,144	FALSE
0,088	0,290	0,002	0,008	0,082	FALSE
-0,012	0,305	-0,001	0,007	0,043	FALSE
-0,007	0,299	0,000	0,012	0,005	FALSE
-0,033	0,305	-0,001	0,011	0,039	FALSE
-0,110	0,296	-0,004	0,012	0,136	FALSE
0,009	0,315	0,000	0,009	0,019	FALSE
-0,069	0,316	-0,002	0,007	0,090	FALSE
0,052	0,295	0,002	0,009	0,077	FALSE
-0,076	0,300	-0,003	0,010	0,136	FALSE
-0,080	0,299	-0,003	0,009	0,144	FALSE
-0,001	0,311	0,000	0,009	0,002	FALSE
0,013	0,314	0,001	0,009	0,022	FALSE
-0,008	0,303	0,000	0,010	0,012	FALSE
-0,003	0,295	-0,001	0,009	0,021	FALSE
-0,041	0,293	-0,001	0,006	0,042	FALSE
0,005	0,309	-0,001	0,012	0,023	FALSE
0,017	0,310	0,001	0,007	0,032	FALSE
0,078	0,296	0,003	0,008	0,140	FALSE
0,021	0,303	0,001	0,012	0,031	FALSE
0,009	0,293	0,001	0,012	0,017	FALSE
0,016	0,303	0,001	0,011	0,027	FALSE
-0,105	0,314	-0,005	0,012	0,148	FALSE
-0,049	0,317	-0,002	0,012	0,071	FALSE
0,004	0,316	0,000	0,008	0,011	FALSE
0,005	0,316	0,001	0,008	0,033	FALSE
-0,011	0,303	0,000	0,008	0,015	FALSE
0,032	0,306	0,001	0,010	0,019	FALSE
0,002	0,306	0,001	0,009	0,028	FALSE
0,071	0,315	0,003	0,011	0,118	FALSE
-0,184	0,313	-0,006	0,011	0,217	FALSE
-0,108	0,309	-0,004	0,011	0,129	FALSE
0,123	0,309	0,003	0,009	0,132	FALSE
0,057	0,322	0,002	0,013	0,058	FALSE
-0,129	0,312	-0,003	0,009	0,143	FALSE
-0,111	0,303	-0,003	0,008	0,133	FALSE
-0,141	0,310	-0,005	0,011	0,184	FALSE
-0,052	0,299	-0,001	0,006	0,077	FALSE
0,003	0,309	0,000	0,010	0,007	FALSE
-0,046	0,303	-0,002	0,013	0,059	FALSE
-0,104	0,288	-0,004	0,010	0,163	FALSE
-0,007	0,307	0,000	0,011	0,003	FALSE
-0,044	0,310	-0,001	0,012	0,041	FALSE
-0,025	0,301	0,000	0,007	0,016	FALSE
0,036	0,319	0,001	0,009	0,035	FALSE
-0,121	0,302	-0,002	0,007	0,120	FALSE
0,086	0,303	0,005	0,011	0,168	FALSE
-0,030	0,304	-0,001	0,008	0,047	FALSE
0,051	0,300	0,002	0,006	0,095	FALSE
0,022	0,307	0,001	0,009	0,036	FALSE
-0,015	0,308	-0,001	0,007	0,039	FALSE
-0,021	0,298	-0,001	0,011	0,036	FALSE
-0,024	0,308	0,000	0,007	0,019	FALSE

0,011	0,310	0,000	0,006	0,017	FALSE
0,048	0,319	0,002	0,011	0,070	FALSE
0,113	0,299	0,005	0,012	0,175	FALSE
0,038	0,299	0,001	0,007	0,071	FALSE
0,007	0,308	0,000	0,012	0,009	FALSE
0,066	0,298	0,002	0,007	0,117	FALSE
-0,024	0,305	-0,002	0,013	0,066	FALSE
-0,003	0,303	0,001	0,011	0,047	FALSE
-0,057	0,310	-0,002	0,009	0,079	FALSE
-0,149	0,293	-0,003	0,007	0,208	FALSE
0,006	0,314	0,000	0,009	0,015	FALSE
-0,122	0,308	-0,004	0,009	0,162	FALSE
-0,071	0,298	-0,002	0,009	0,098	FALSE
-0,067	0,298	-0,002	0,008	0,089	FALSE
-0,063	0,302	-0,002	0,008	0,083	FALSE
-0,052	0,291	-0,002	0,009	0,069	FALSE
0,098	0,296	0,003	0,008	0,134	FALSE
-0,181	0,313	-0,004	0,007	0,254	FALSE
-0,029	0,293	0,000	0,007	0,022	FALSE
-0,099	0,308	-0,002	0,008	0,101	FALSE
0,071	0,296	0,003	0,009	0,139	FALSE
-0,063	0,313	-0,002	0,012	0,074	FALSE
0,128	0,303	0,002	0,006	0,152	FALSE
-0,052	0,307	-0,001	0,006	0,032	FALSE
0,047	0,305	0,003	0,011	0,103	FALSE
-0,001	0,305	0,000	0,010	0,007	FALSE
-0,064	0,314	-0,002	0,008	0,075	FALSE
-0,131	0,292	-0,004	0,009	0,194	FALSE
0,044	0,311	0,002	0,012	0,046	FALSE
-0,066	0,317	-0,002	0,011	0,068	FALSE
0,003	0,302	0,000	0,012	0,003	FALSE
-0,132	0,304	-0,004	0,013	0,134	FALSE
-0,019	0,306	0,001	0,012	0,022	FALSE
-0,010	0,298	0,001	0,012	0,025	FALSE
-0,059	0,299	-0,002	0,009	0,071	FALSE
0,000	0,313	0,000	0,007	0,007	FALSE
0,029	0,310	0,001	0,010	0,046	FALSE
-0,018	0,315	-0,001	0,012	0,019	FALSE
-0,017	0,290	-0,001	0,009	0,026	FALSE
-0,034	0,308	-0,002	0,010	0,069	FALSE
0,053	0,302	0,002	0,013	0,060	FALSE
-0,039	0,312	-0,001	0,009	0,043	FALSE
0,066	0,312	0,004	0,013	0,104	FALSE
0,075	0,315	0,005	0,013	0,137	FALSE
-0,099	0,317	-0,003	0,009	0,109	FALSE
-0,044	0,309	-0,001	0,006	0,052	FALSE
-0,134	0,310	-0,003	0,007	0,168	FALSE
-0,130	0,300	-0,006	0,012	0,206	FALSE
-0,141	0,292	-0,005	0,011	0,216	FALSE
-0,058	0,312	-0,003	0,012	0,105	FALSE
0,197	0,300	0,005	0,008	0,299	FALSE
-0,011	0,317	-0,001	0,010	0,035	FALSE
0,040	0,318	0,001	0,012	0,032	FALSE

0,050	0,310	0,002	0,012	0,063	FALSE
0,004	0,281	0,000	0,006	0,021	FALSE
-0,087	0,313	-0,002	0,011	0,081	FALSE
0,056	0,314	0,001	0,008	0,066	FALSE
0,149	0,315	0,006	0,012	0,222	FALSE
-0,048	0,304	-0,002	0,010	0,082	FALSE
0,162	0,304	0,006	0,011	0,229	FALSE
-0,050	0,312	-0,001	0,010	0,048	FALSE
-0,110	0,318	-0,004	0,011	0,157	FALSE
0,014	0,315	0,001	0,012	0,027	FALSE
0,120	0,292	0,005	0,012	0,167	FALSE
0,143	0,288	0,003	0,006	0,195	FALSE
0,141	0,295	0,006	0,011	0,223	FALSE
-0,173	0,292	-0,004	0,009	0,211	FALSE
-0,013	0,294	0,000	0,006	0,022	FALSE
-0,117	0,314	-0,004	0,012	0,156	FALSE
-0,191	0,314	-0,004	0,007	0,270	FALSE
-0,054	0,306	-0,001	0,007	0,058	FALSE
0,003	0,300	0,000	0,011	0,004	FALSE
0,050	0,305	0,001	0,007	0,072	FALSE
0,054	0,306	0,001	0,007	0,030	FALSE
0,057	0,311	0,002	0,009	0,068	FALSE
-0,130	0,317	-0,003	0,008	0,154	FALSE
-0,113	0,307	-0,003	0,008	0,151	FALSE
0,056	0,311	0,001	0,010	0,038	FALSE
0,018	0,285	-0,001	0,013	0,021	FALSE
0,013	0,272	0,000	0,012	0,011	FALSE
0,014	0,278	-0,001	0,012	0,027	FALSE
0,022	0,274	0,000	0,012	0,008	FALSE
0,000	0,299	0,001	0,012	0,016	FALSE
0,004	0,312	0,000	0,010	0,002	FALSE
-0,053	0,300	-0,001	0,008	0,026	FALSE
0,005	0,325	0,000	0,007	0,003	FALSE
0,173	0,286	0,007	0,010	0,306	FALSE
-0,015	0,302	0,000	0,008	0,003	FALSE
0,114	0,301	0,002	0,007	0,104	FALSE
-0,040	0,320	-0,001	0,007	0,038	FALSE
0,069	0,310	0,001	0,007	0,074	FALSE
0,119	0,309	0,004	0,010	0,161	FALSE
0,087	0,299	0,003	0,009	0,109	FALSE
-0,077	0,304	-0,003	0,011	0,115	FALSE
0,063	0,304	0,002	0,006	0,121	FALSE
-0,001	0,310	0,000	0,010	0,003	FALSE
0,022	0,326	0,000	0,013	0,001	FALSE
0,066	0,295	0,002	0,011	0,052	FALSE
-0,022	0,305	0,000	0,007	0,008	FALSE
0,123	0,311	0,004	0,012	0,138	FALSE
0,000	0,308	0,000	0,007	0,004	FALSE
0,033	0,310	0,002	0,011	0,054	FALSE
-0,128	0,310	-0,004	0,011	0,148	FALSE
0,144	0,303	0,004	0,010	0,164	FALSE
-0,116	0,309	-0,003	0,008	0,152	FALSE
-0,039	0,308	-0,002	0,009	0,064	FALSE

0,018	0,292	0,000	0,008	0,002	FALSE
0,062	0,301	0,001	0,008	0,069	FALSE
0,100	0,314	0,002	0,008	0,122	FALSE
0,109	0,299	0,002	0,008	0,118	FALSE
0,077	0,304	0,001	0,007	0,070	FALSE
0,016	0,305	0,000	0,009	0,011	FALSE
0,152	0,315	0,003	0,007	0,209	FALSE
-0,012	0,308	0,000	0,012	0,014	FALSE
-0,012	0,320	0,000	0,013	0,004	FALSE
0,018	0,312	0,001	0,012	0,014	FALSE
-0,018	0,316	0,000	0,012	0,009	FALSE
0,082	0,306	0,002	0,007	0,101	FALSE
-0,029	0,308	-0,001	0,011	0,046	FALSE
-0,063	0,307	-0,002	0,011	0,082	FALSE
-0,049	0,303	-0,002	0,010	0,068	FALSE
0,074	0,303	0,001	0,007	0,060	FALSE
-0,182	0,297	-0,005	0,008	0,290	FALSE
-0,046	0,319	-0,003	0,013	0,074	FALSE
-0,083	0,303	-0,004	0,013	0,134	FALSE
0,035	0,310	0,001	0,007	0,067	FALSE
-0,046	0,291	-0,002	0,011	0,056	FALSE
0,025	0,298	-0,001	0,011	0,026	FALSE
0,022	0,298	-0,001	0,011	0,027	FALSE
0,027	0,295	-0,001	0,011	0,023	FALSE
0,093	0,301	0,003	0,011	0,096	FALSE
0,057	0,307	0,002	0,008	0,096	FALSE
0,064	0,309	0,001	0,007	0,080	FALSE
0,019	0,304	0,001	0,012	0,025	FALSE
0,062	0,300	0,002	0,012	0,069	FALSE
-0,014	0,318	0,000	0,007	0,005	FALSE
0,117	0,303	0,004	0,009	0,186	FALSE
0,000	0,296	-0,001	0,010	0,020	FALSE
-0,003	0,308	-0,001	0,013	0,022	FALSE
0,008	0,314	0,001	0,007	0,028	FALSE
0,116	0,310	0,004	0,009	0,184	FALSE
-0,040	0,295	-0,001	0,006	0,034	FALSE
-0,075	0,317	-0,003	0,013	0,086	FALSE
0,036	0,311	0,001	0,013	0,020	FALSE
0,032	0,300	0,001	0,009	0,042	FALSE
0,003	0,308	0,000	0,009	0,006	FALSE
-0,036	0,303	-0,001	0,009	0,024	FALSE
0,005	0,310	0,000	0,012	0,000	FALSE
-0,014	0,306	-0,001	0,012	0,020	FALSE
0,010	0,305	0,000	0,011	0,001	FALSE
0,100	0,307	0,002	0,007	0,100	FALSE
0,211	0,286	0,006	0,009	0,323	FALSE
0,056	0,311	0,001	0,008	0,074	FALSE
-0,065	0,317	-0,002	0,008	0,087	FALSE
0,061	0,302	0,002	0,011	0,057	FALSE
0,099	0,291	0,004	0,012	0,117	FALSE
0,098	0,294	0,003	0,011	0,099	FALSE
0,169	0,319	0,006	0,012	0,193	FALSE
0,151	0,302	0,004	0,009	0,173	FALSE

0,022	0,309	0,001	0,010	0,050	FALSE
-0,055	0,314	-0,002	0,009	0,068	FALSE
-0,057	0,296	-0,001	0,007	0,069	FALSE
-0,096	0,307	-0,003	0,008	0,145	FALSE
0,161	0,305	0,004	0,008	0,202	FALSE
0,110	0,312	0,006	0,012	0,183	FALSE
-0,024	0,304	-0,001	0,007	0,061	FALSE
-0,004	0,299	0,000	0,008	0,018	FALSE
-0,001	0,323	0,000	0,011	0,008	FALSE
-0,042	0,310	0,000	0,010	0,008	FALSE
-0,186	0,296	-0,008	0,012	0,276	FALSE
-0,184	0,289	-0,007	0,012	0,259	FALSE
0,203	0,288	0,007	0,010	0,340	FALSE
0,002	0,307	0,000	0,007	0,006	FALSE
-0,145	0,303	-0,006	0,012	0,232	FALSE
0,042	0,316	0,002	0,012	0,064	FALSE
-0,114	0,302	-0,003	0,007	0,155	FALSE
0,087	0,317	0,003	0,009	0,113	FALSE
0,066	0,306	0,002	0,009	0,092	FALSE
-0,203	0,285	-0,007	0,009	0,356	FALSE
-0,129	0,305	-0,005	0,009	0,217	FALSE
-0,249	0,294	-0,011	0,012	0,424	FALSE
0,111	0,300	0,002	0,008	0,117	FALSE
0,045	0,304	0,001	0,007	0,038	FALSE
0,013	0,302	0,001	0,010	0,026	FALSE
-0,008	0,311	-0,001	0,008	0,032	FALSE
-0,126	0,313	-0,004	0,007	0,199	FALSE
0,077	0,297	0,002	0,011	0,076	FALSE
0,018	0,312	0,000	0,010	0,011	FALSE
-0,012	0,297	-0,001	0,009	0,033	FALSE
0,015	0,306	0,000	0,007	0,025	FALSE
-0,008	0,306	0,000	0,006	0,006	FALSE
-0,077	0,314	-0,002	0,008	0,099	FALSE
0,055	0,309	0,002	0,013	0,070	FALSE
0,032	0,290	0,000	0,010	0,012	FALSE
0,056	0,303	0,001	0,011	0,041	FALSE
0,084	0,308	0,002	0,007	0,104	FALSE
0,065	0,315	0,001	0,007	0,075	FALSE
0,031	0,304	0,001	0,006	0,038	FALSE
-0,004	0,297	0,000	0,007	0,004	FALSE
0,063	0,303	0,002	0,011	0,057	FALSE
0,137	0,289	0,003	0,007	0,202	FALSE
0,008	0,308	0,001	0,008	0,027	FALSE
0,107	0,294	0,004	0,010	0,148	FALSE
-0,016	0,321	0,000	0,008	0,007	FALSE
-0,110	0,298	-0,002	0,009	0,108	FALSE
0,026	0,310	0,000	0,010	0,000	FALSE
0,045	0,312	0,001	0,008	0,068	FALSE
0,004	0,303	-0,001	0,011	0,030	FALSE
0,090	0,303	0,004	0,011	0,155	FALSE
-0,047	0,312	-0,003	0,011	0,093	FALSE
0,138	0,296	0,003	0,006	0,211	FALSE
-0,070	0,301	-0,002	0,009	0,092	FALSE

-0,123	0,312	-0,003	0,007	0,147	FALSE
-0,019	0,314	0,000	0,008	0,016	FALSE
-0,126	0,302	-0,003	0,007	0,167	FALSE
-0,018	0,318	0,000	0,008	0,013	FALSE
-0,086	0,312	-0,002	0,008	0,111	FALSE
-0,034	0,295	-0,001	0,008	0,055	FALSE
-0,131	0,322	-0,003	0,007	0,177	FALSE
0,082	0,307	0,003	0,010	0,108	FALSE
-0,024	0,315	-0,001	0,013	0,022	FALSE
-0,079	0,314	-0,002	0,007	0,123	FALSE
-0,021	0,303	0,000	0,009	0,009	FALSE
-0,017	0,310	0,000	0,010	0,016	FALSE
0,000	0,298	0,000	0,012	0,001	FALSE
-0,042	0,299	-0,001	0,006	0,041	FALSE
-0,002	0,313	-0,001	0,011	0,020	FALSE
0,103	0,296	0,003	0,008	0,147	FALSE
0,011	0,300	0,001	0,008	0,032	FALSE
0,170	0,299	0,004	0,007	0,237	FALSE
-0,064	0,291	-0,001	0,008	0,069	FALSE
0,050	0,316	0,002	0,010	0,057	FALSE
-0,118	0,309	-0,005	0,012	0,154	FALSE
0,037	0,289	0,003	0,011	0,095	FALSE
0,072	0,315	0,004	0,012	0,129	FALSE
-0,092	0,298	-0,004	0,011	0,136	FALSE
0,008	0,311	0,000	0,009	0,001	FALSE
-0,192	0,306	-0,005	0,007	0,284	FALSE
0,008	0,304	0,000	0,010	0,005	FALSE
-0,047	0,317	-0,003	0,013	0,080	FALSE
-0,047	0,297	-0,001	0,008	0,067	FALSE
-0,050	0,295	-0,003	0,012	0,101	FALSE
-0,038	0,314	-0,003	0,013	0,076	FALSE
0,076	0,326	0,002	0,008	0,106	FALSE
0,042	0,302	0,003	0,011	0,088	FALSE
0,036	0,303	0,002	0,010	0,069	FALSE
0,022	0,308	0,000	0,008	0,009	FALSE
-0,029	0,319	-0,001	0,010	0,037	FALSE
-0,061	0,317	-0,002	0,013	0,068	FALSE
0,041	0,305	0,002	0,011	0,067	FALSE
0,000	0,300	0,000	0,008	0,021	FALSE
0,009	0,307	0,000	0,012	0,002	FALSE
0,018	0,307	0,001	0,011	0,021	FALSE
0,031	0,303	0,002	0,012	0,054	FALSE
-0,044	0,295	-0,001	0,006	0,037	FALSE
-0,050	0,309	-0,001	0,008	0,066	FALSE
-0,075	0,304	-0,003	0,011	0,085	FALSE
-0,018	0,300	0,000	0,006	0,013	FALSE
0,014	0,321	0,000	0,007	0,002	FALSE
0,043	0,300	0,002	0,010	0,069	FALSE
0,057	0,300	0,002	0,010	0,083	FALSE
0,033	0,309	0,001	0,010	0,047	FALSE
0,054	0,318	0,002	0,010	0,091	FALSE
-0,039	0,286	-0,002	0,009	0,077	FALSE
0,004	0,301	0,001	0,009	0,026	FALSE

0,020	0,307	0,001	0,007	0,041	FALSE
-0,071	0,303	-0,002	0,011	0,075	FALSE
-0,015	0,301	0,000	0,008	0,006	FALSE
0,022	0,303	0,000	0,012	0,000	FALSE
0,065	0,302	0,002	0,008	0,078	FALSE
0,075	0,304	0,002	0,010	0,078	FALSE
-0,070	0,302	-0,002	0,007	0,090	FALSE
-0,042	0,312	-0,002	0,009	0,067	FALSE
0,000	0,299	0,000	0,008	0,003	FALSE
0,122	0,316	0,003	0,008	0,169	FALSE
0,103	0,306	0,003	0,008	0,148	FALSE
-0,042	0,329	-0,002	0,013	0,050	FALSE
0,120	0,302	0,004	0,010	0,170	FALSE
-0,041	0,311	0,000	0,008	0,020	FALSE
-0,025	0,304	-0,001	0,007	0,046	FALSE
0,073	0,308	0,002	0,006	0,106	FALSE
-0,132	0,333	-0,003	0,007	0,174	FALSE
0,096	0,306	0,002	0,006	0,111	FALSE
-0,051	0,304	-0,002	0,012	0,073	FALSE
0,039	0,302	0,002	0,012	0,058	FALSE
0,038	0,295	0,001	0,011	0,048	FALSE
0,036	0,298	0,001	0,007	0,035	FALSE
0,029	0,304	0,001	0,007	0,054	FALSE
-0,055	0,308	-0,002	0,011	0,083	FALSE
0,011	0,310	0,000	0,008	0,001	FALSE
-0,025	0,311	-0,001	0,006	0,047	FALSE
0,016	0,301	0,000	0,007	0,021	FALSE
0,107	0,309	0,004	0,011	0,148	FALSE
0,020	0,319	0,001	0,011	0,042	FALSE
-0,142	0,320	-0,006	0,013	0,189	FALSE
0,080	0,307	0,002	0,011	0,088	FALSE
-0,009	0,314	-0,002	0,013	0,045	FALSE
0,076	0,304	0,002	0,013	0,063	FALSE
0,197	0,314	0,007	0,011	0,293	FALSE
0,148	0,305	0,005	0,011	0,207	FALSE
-0,051	0,314	-0,001	0,007	0,042	FALSE
0,070	0,311	0,003	0,011	0,105	FALSE
0,051	0,313	0,002	0,007	0,084	FALSE
-0,041	0,301	-0,001	0,007	0,083	FALSE
-0,127	0,308	-0,005	0,012	0,175	FALSE
0,053	0,311	0,002	0,012	0,061	FALSE
0,075	0,316	0,003	0,013	0,092	FALSE
-0,023	0,308	0,000	0,009	0,015	FALSE
-0,006	0,319	0,000	0,011	0,015	FALSE
0,065	0,305	0,001	0,008	0,068	FALSE
0,013	0,308	0,002	0,012	0,045	FALSE
0,063	0,304	0,001	0,007	0,078	FALSE
-0,009	0,321	-0,001	0,013	0,019	FALSE
0,044	0,306	0,001	0,006	0,080	FALSE
-0,016	0,311	-0,001	0,008	0,028	FALSE
-0,005	0,315	-0,001	0,008	0,030	FALSE
0,063	0,300	0,001	0,011	0,049	FALSE
0,033	0,294	0,000	0,006	0,027	FALSE

0,023	0,309	0,000	0,007	0,022	FALSE
-0,001	0,299	0,000	0,007	0,016	FALSE
0,095	0,311	0,003	0,010	0,096	FALSE
0,063	0,305	0,002	0,008	0,073	FALSE
-0,013	0,301	0,000	0,009	0,013	FALSE
0,097	0,299	0,003	0,007	0,149	FALSE
0,087	0,302	0,003	0,012	0,104	FALSE
0,134	0,292	0,003	0,006	0,227	FALSE
-0,050	0,313	-0,002	0,013	0,059	FALSE
0,096	0,305	0,004	0,012	0,139	FALSE
0,008	0,310	0,000	0,006	0,001	FALSE
0,033	0,315	0,002	0,012	0,047	FALSE
-0,156	0,311	-0,006	0,012	0,229	FALSE
-0,101	0,306	-0,005	0,012	0,152	FALSE
-0,147	0,297	-0,004	0,008	0,181	FALSE
0,014	0,308	0,000	0,006	0,022	FALSE
-0,003	0,298	0,000	0,008	0,022	FALSE
-0,086	0,299	-0,002	0,010	0,087	FALSE
-0,074	0,318	-0,002	0,007	0,101	FALSE
-0,037	0,313	-0,001	0,007	0,060	FALSE
-0,073	0,314	-0,001	0,008	0,068	FALSE
-0,055	0,307	-0,003	0,008	0,117	FALSE
0,011	0,309	0,001	0,013	0,020	FALSE
0,027	0,302	0,001	0,010	0,039	FALSE
0,089	0,307	0,004	0,012	0,142	FALSE
0,008	0,318	0,001	0,009	0,023	FALSE
-0,029	0,303	0,000	0,007	0,023	FALSE
-0,019	0,315	-0,001	0,008	0,030	FALSE
-0,044	0,312	-0,003	0,013	0,079	FALSE
0,059	0,312	0,002	0,011	0,079	FALSE
-0,042	0,305	-0,001	0,008	0,038	FALSE
-0,083	0,312	-0,002	0,007	0,123	FALSE
0,071	0,302	0,002	0,008	0,116	FALSE
0,023	0,303	0,001	0,012	0,030	FALSE
-0,050	0,310	-0,002	0,011	0,053	FALSE
-0,016	0,303	0,000	0,008	0,022	FALSE
-0,097	0,304	-0,002	0,009	0,087	FALSE
0,056	0,297	0,002	0,011	0,073	FALSE
0,008	0,291	0,000	0,007	0,002	FALSE
0,076	0,304	0,002	0,008	0,097	FALSE
-0,054	0,307	-0,001	0,007	0,032	FALSE
0,062	0,310	0,002	0,009	0,062	FALSE
0,012	0,311	0,001	0,009	0,022	FALSE
-0,065	0,309	-0,002	0,010	0,086	FALSE
0,000	0,305	0,000	0,012	0,003	FALSE
-0,007	0,307	-0,001	0,012	0,019	FALSE
-0,020	0,292	-0,001	0,012	0,020	FALSE
-0,010	0,292	0,000	0,011	0,011	FALSE
-0,003	0,309	-0,001	0,012	0,023	FALSE
-0,100	0,303	-0,004	0,011	0,128	FALSE
-0,087	0,303	-0,003	0,010	0,121	FALSE
0,036	0,303	0,001	0,011	0,037	FALSE
0,049	0,313	0,002	0,011	0,064	FALSE

0,029	0,313	0,000	0,009	0,017	FALSE
0,171	0,294	0,007	0,012	0,232	FALSE
-0,037	0,305	-0,001	0,008	0,061	FALSE
0,034	0,293	0,002	0,011	0,056	FALSE
-0,125	0,310	-0,004	0,011	0,153	FALSE
-0,027	0,304	-0,001	0,006	0,036	FALSE
-0,093	0,292	-0,003	0,008	0,135	FALSE
0,039	0,302	0,001	0,010	0,046	FALSE
-0,019	0,297	0,000	0,011	0,005	FALSE
-0,002	0,309	0,000	0,006	0,014	FALSE
-0,008	0,301	0,000	0,006	0,020	FALSE
-0,091	0,302	-0,003	0,008	0,137	FALSE
0,077	0,302	0,003	0,010	0,133	FALSE
0,016	0,300	0,000	0,009	0,003	FALSE
-0,085	0,305	-0,004	0,012	0,121	FALSE
-0,080	0,298	-0,003	0,009	0,107	FALSE
-0,091	0,300	-0,003	0,009	0,117	FALSE
-0,078	0,313	-0,002	0,012	0,076	FALSE
-0,048	0,314	-0,002	0,010	0,058	FALSE
0,149	0,303	0,005	0,010	0,208	FALSE
-0,127	0,312	-0,003	0,010	0,144	FALSE
0,031	0,320	0,001	0,013	0,015	FALSE
0,113	0,314	0,005	0,012	0,153	FALSE
0,054	0,290	0,002	0,006	0,096	FALSE
0,044	0,303	0,003	0,012	0,092	FALSE
0,087	0,316	0,003	0,010	0,107	FALSE
0,123	0,296	0,004	0,011	0,121	FALSE
0,255	0,296	0,010	0,012	0,437	FALSE
0,106	0,306	0,004	0,012	0,128	FALSE
0,129	0,305	0,005	0,012	0,148	FALSE
0,093	0,302	0,003	0,012	0,109	FALSE
0,097	0,328	0,003	0,011	0,111	FALSE
0,082	0,306	0,003	0,013	0,103	FALSE
-0,020	0,322	-0,001	0,009	0,036	FALSE
0,039	0,305	0,001	0,006	0,053	FALSE
0,033	0,293	0,001	0,011	0,041	FALSE
-0,076	0,315	-0,003	0,011	0,097	FALSE
0,085	0,292	0,002	0,007	0,124	FALSE
-0,044	0,316	-0,001	0,007	0,076	FALSE
0,004	0,325	0,000	0,010	0,004	FALSE
-0,091	0,324	-0,002	0,007	0,127	FALSE
-0,052	0,314	-0,001	0,007	0,069	FALSE
-0,049	0,304	-0,002	0,009	0,106	FALSE
-0,123	0,316	-0,004	0,010	0,154	FALSE
0,046	0,301	0,001	0,006	0,035	FALSE
0,009	0,314	0,000	0,009	0,002	FALSE
-0,088	0,316	-0,003	0,009	0,122	FALSE
0,017	0,298	0,000	0,008	0,017	FALSE
0,070	0,296	0,002	0,010	0,067	FALSE
0,119	0,305	0,003	0,008	0,142	FALSE
0,136	0,298	0,004	0,006	0,231	FALSE
0,021	0,299	0,001	0,012	0,017	FALSE
-0,044	0,316	-0,001	0,008	0,055	FALSE

-0,007	0,326	0,000	0,008	0,007	FALSE
0,000	0,314	0,000	0,012	0,009	FALSE
-0,054	0,304	-0,002	0,009	0,106	FALSE
-0,012	0,309	-0,001	0,008	0,049	FALSE
0,085	0,296	0,002	0,006	0,117	FALSE
0,083	0,307	0,002	0,008	0,106	FALSE
-0,044	0,302	-0,001	0,007	0,032	FALSE
-0,014	0,317	-0,001	0,009	0,059	FALSE
0,009	0,303	0,000	0,006	0,023	FALSE
0,029	0,317	0,001	0,006	0,044	FALSE
0,040	0,306	0,001	0,006	0,050	FALSE
0,055	0,303	0,001	0,006	0,071	FALSE
0,030	0,311	0,001	0,006	0,040	FALSE
-0,024	0,300	0,000	0,008	0,015	FALSE
0,051	0,306	0,001	0,008	0,059	FALSE
0,026	0,313	0,001	0,008	0,059	FALSE
-0,018	0,299	0,000	0,009	0,008	FALSE
0,016	0,307	0,000	0,009	0,011	FALSE
-0,052	0,316	-0,002	0,010	0,088	FALSE
-0,074	0,314	-0,003	0,010	0,121	FALSE
-0,047	0,311	-0,002	0,011	0,069	FALSE
-0,061	0,311	-0,002	0,008	0,091	FALSE
-0,056	0,314	-0,001	0,008	0,068	FALSE
-0,005	0,291	-0,001	0,010	0,027	FALSE
-0,019	0,312	-0,001	0,013	0,033	FALSE
-0,114	0,301	-0,004	0,011	0,157	FALSE
-0,155	0,298	-0,003	0,007	0,208	FALSE
0,016	0,312	0,000	0,010	0,000	FALSE
0,039	0,296	0,000	0,009	0,013	FALSE
-0,062	0,320	-0,002	0,008	0,098	FALSE
-0,037	0,309	-0,002	0,008	0,072	FALSE
0,054	0,294	0,001	0,007	0,077	FALSE
0,010	0,320	0,001	0,010	0,024	FALSE
0,038	0,300	0,001	0,010	0,027	FALSE
0,074	0,299	0,001	0,007	0,051	FALSE
0,041	0,306	0,000	0,007	0,019	FALSE
0,008	0,314	0,000	0,007	0,017	FALSE
-0,182	0,293	-0,004	0,007	0,260	FALSE
0,062	0,310	0,001	0,009	0,050	FALSE
0,081	0,306	0,002	0,008	0,072	FALSE
-0,078	0,306	-0,002	0,007	0,111	FALSE
0,052	0,305	0,001	0,008	0,023	FALSE
0,022	0,312	0,000	0,012	0,012	FALSE
-0,018	0,294	0,000	0,011	0,007	FALSE
-0,005	0,288	0,000	0,010	0,002	FALSE
0,072	0,300	0,002	0,011	0,072	FALSE
0,176	0,289	0,004	0,006	0,254	FALSE
0,162	0,295	0,004	0,006	0,246	FALSE
0,173	0,303	0,004	0,006	0,268	FALSE
0,000	0,312	-0,001	0,012	0,016	FALSE
-0,053	0,306	-0,001	0,007	0,053	FALSE
-0,005	0,303	0,000	0,012	0,003	FALSE
-0,081	0,305	-0,002	0,008	0,100	FALSE

0,075	0,311	0,002	0,007	0,123	FALSE
0,113	0,308	0,005	0,013	0,160	FALSE
-0,017	0,310	0,000	0,007	0,015	FALSE
0,060	0,310	0,001	0,008	0,063	FALSE
0,173	0,312	0,007	0,013	0,242	FALSE
-0,079	0,306	-0,003	0,012	0,106	FALSE
0,027	0,313	0,000	0,010	0,000	FALSE
0,084	0,308	0,002	0,008	0,125	FALSE
-0,226	0,295	-0,009	0,011	0,351	FALSE
0,010	0,302	0,001	0,009	0,030	FALSE
0,063	0,283	0,001	0,007	0,035	FALSE
0,079	0,325	0,002	0,009	0,090	FALSE
0,055	0,313	0,001	0,007	0,051	FALSE
0,068	0,303	0,002	0,009	0,096	FALSE
-0,036	0,322	-0,002	0,013	0,047	FALSE
0,020	0,319	0,001	0,009	0,053	FALSE
0,022	0,314	0,000	0,011	0,011	FALSE
0,121	0,309	0,004	0,009	0,174	FALSE
0,033	0,306	0,001	0,012	0,023	FALSE
0,065	0,307	0,001	0,006	0,057	FALSE
0,025	0,302	0,002	0,012	0,061	FALSE
-0,176	0,299	-0,006	0,009	0,269	FALSE
0,035	0,316	0,002	0,011	0,052	FALSE
-0,050	0,324	-0,002	0,011	0,075	FALSE
0,092	0,313	0,002	0,006	0,119	FALSE
0,023	0,311	0,001	0,008	0,031	FALSE
0,091	0,298	0,002	0,007	0,092	FALSE
-0,030	0,313	-0,001	0,009	0,024	FALSE
0,006	0,303	0,001	0,009	0,034	FALSE
-0,020	0,308	0,000	0,009	0,002	FALSE
-0,079	0,299	-0,002	0,007	0,093	FALSE
-0,006	0,300	0,000	0,009	0,005	FALSE
-0,004	0,313	0,000	0,010	0,006	FALSE
0,022	0,298	0,001	0,007	0,032	FALSE
-0,085	0,307	-0,002	0,007	0,118	FALSE
0,086	0,302	0,002	0,006	0,125	FALSE
0,036	0,306	0,003	0,013	0,084	FALSE
-0,168	0,302	-0,004	0,007	0,235	FALSE
-0,048	0,321	-0,001	0,009	0,035	FALSE
0,049	0,303	0,001	0,008	0,053	FALSE
-0,090	0,311	-0,002	0,008	0,123	FALSE
0,107	0,303	0,003	0,009	0,152	FALSE
0,003	0,299	0,000	0,012	0,001	FALSE
0,011	0,301	0,001	0,008	0,026	FALSE
0,006	0,310	0,001	0,009	0,033	FALSE
-0,173	0,315	-0,007	0,012	0,231	FALSE
-0,149	0,296	-0,004	0,008	0,194	FALSE
0,080	0,311	0,002	0,008	0,089	FALSE
0,205	0,292	0,009	0,012	0,353	FALSE
0,025	0,302	0,000	0,012	0,011	FALSE
0,076	0,301	0,002	0,012	0,052	FALSE
-0,022	0,297	-0,001	0,007	0,037	FALSE
0,042	0,296	0,001	0,012	0,021	FALSE

-0,169	0,296	-0,006	0,011	0,233	FALSE
-0,067	0,304	-0,002	0,009	0,078	FALSE
-0,001	0,307	0,001	0,009	0,027	FALSE
-0,133	0,304	-0,003	0,008	0,169	FALSE
-0,149	0,294	-0,004	0,008	0,207	FALSE
-0,013	0,318	-0,001	0,012	0,015	FALSE
0,082	0,299	0,002	0,008	0,105	FALSE
0,102	0,311	0,003	0,009	0,125	FALSE
0,093	0,308	0,002	0,008	0,109	FALSE
0,102	0,307	0,005	0,013	0,148	FALSE
0,053	0,325	0,001	0,010	0,051	FALSE
-0,011	0,303	-0,001	0,012	0,020	FALSE
-0,035	0,304	-0,001	0,008	0,043	FALSE
0,109	0,299	0,002	0,007	0,121	FALSE
0,051	0,310	0,002	0,012	0,072	FALSE
-0,005	0,306	0,001	0,012	0,021	FALSE
0,030	0,307	0,001	0,007	0,033	FALSE
-0,002	0,310	0,000	0,009	0,012	FALSE
0,009	0,312	0,000	0,009	0,001	FALSE
0,086	0,314	0,003	0,011	0,090	FALSE
0,074	0,297	0,002	0,010	0,064	FALSE
0,013	0,304	0,002	0,012	0,045	FALSE
0,013	0,307	0,000	0,006	0,024	FALSE
-0,096	0,291	-0,002	0,007	0,130	FALSE
-0,110	0,302	-0,003	0,007	0,138	FALSE
0,038	0,309	0,001	0,011	0,022	FALSE
0,048	0,316	0,002	0,013	0,064	FALSE
0,029	0,308	0,001	0,008	0,060	FALSE
-0,034	0,320	-0,001	0,013	0,017	FALSE
0,135	0,302	0,003	0,007	0,200	FALSE
0,098	0,300	0,003	0,008	0,143	FALSE
0,115	0,307	0,003	0,007	0,171	FALSE
-0,081	0,299	-0,004	0,012	0,138	FALSE
0,037	0,311	0,000	0,006	0,012	FALSE
0,084	0,318	0,002	0,008	0,114	FALSE
0,009	0,307	0,000	0,009	0,016	FALSE
0,036	0,307	0,001	0,009	0,063	FALSE
-0,002	0,305	0,000	0,007	0,015	FALSE
0,059	0,304	0,002	0,009	0,060	FALSE
-0,092	0,299	-0,002	0,009	0,107	FALSE
-0,132	0,307	-0,004	0,008	0,185	FALSE
0,007	0,311	0,000	0,009	0,019	FALSE
0,145	0,308	0,003	0,007	0,178	FALSE
-0,011	0,308	0,000	0,007	0,009	FALSE
0,011	0,301	0,001	0,007	0,038	FALSE
0,013	0,294	0,000	0,008	0,017	FALSE
-0,005	0,316	0,000	0,008	0,009	FALSE
-0,143	0,306	-0,006	0,012	0,209	FALSE
-0,044	0,310	-0,001	0,006	0,071	FALSE
-0,098	0,316	-0,002	0,008	0,116	FALSE
0,052	0,301	0,001	0,006	0,039	FALSE
-0,083	0,300	-0,002	0,010	0,085	FALSE
-0,201	0,291	-0,006	0,008	0,292	FALSE

-0,133	0,314	-0,004	0,009	0,175	FALSE
-0,003	0,299	0,000	0,007	0,006	FALSE
0,041	0,314	0,001	0,009	0,032	FALSE
-0,071	0,312	-0,003	0,011	0,118	FALSE
0,055	0,299	0,002	0,007	0,097	FALSE
0,031	0,324	0,001	0,009	0,030	FALSE
-0,109	0,296	-0,003	0,008	0,139	FALSE
-0,071	0,301	-0,003	0,011	0,096	FALSE
-0,020	0,285	-0,001	0,012	0,042	FALSE
-0,140	0,294	-0,004	0,007	0,235	FALSE
-0,033	0,293	-0,001	0,008	0,034	FALSE
-0,056	0,302	-0,001	0,011	0,038	FALSE
0,062	0,311	0,001	0,009	0,051	FALSE
0,026	0,304	0,000	0,012	0,014	FALSE
-0,061	0,308	-0,001	0,011	0,040	FALSE
-0,073	0,302	-0,003	0,012	0,099	FALSE
-0,102	0,307	-0,004	0,012	0,144	FALSE
0,095	0,311	0,003	0,009	0,114	FALSE
0,072	0,316	0,003	0,011	0,085	FALSE
-0,045	0,309	-0,002	0,009	0,089	FALSE
0,175	0,297	0,008	0,012	0,282	FALSE
-0,228	0,294	-0,005	0,007	0,338	FALSE
-0,090	0,308	-0,002	0,007	0,135	FALSE
-0,074	0,310	-0,002	0,009	0,104	FALSE
0,037	0,300	0,001	0,012	0,042	FALSE
0,033	0,302	0,001	0,012	0,044	FALSE
0,016	0,308	0,001	0,012	0,024	FALSE
-0,061	0,302	-0,001	0,006	0,082	FALSE
-0,033	0,304	-0,001	0,006	0,052	FALSE
0,103	0,295	0,003	0,011	0,099	FALSE
0,108	0,311	0,003	0,011	0,097	FALSE
0,097	0,307	0,003	0,009	0,115	FALSE
0,065	0,308	0,002	0,008	0,079	FALSE
0,077	0,307	0,002	0,008	0,112	FALSE
0,136	0,297	0,003	0,007	0,166	FALSE
-0,070	0,296	-0,001	0,007	0,068	FALSE
-0,112	0,290	-0,003	0,008	0,161	FALSE
-0,078	0,304	-0,002	0,007	0,112	FALSE
-0,082	0,305	-0,002	0,006	0,108	FALSE
-0,057	0,306	-0,002	0,013	0,069	FALSE
-0,099	0,301	-0,004	0,012	0,128	FALSE
0,068	0,314	0,003	0,011	0,097	FALSE
0,092	0,314	0,002	0,007	0,125	FALSE
0,024	0,293	0,001	0,007	0,032	FALSE
0,068	0,301	0,002	0,007	0,093	FALSE
0,032	0,296	0,001	0,007	0,033	FALSE
0,115	0,301	0,003	0,007	0,156	FALSE
-0,099	0,297	-0,003	0,007	0,143	FALSE
0,030	0,288	0,000	0,012	0,008	FALSE
-0,057	0,310	-0,001	0,007	0,050	FALSE
-0,083	0,304	-0,002	0,007	0,086	FALSE
0,050	0,300	0,001	0,009	0,061	FALSE
-0,029	0,325	-0,001	0,008	0,065	FALSE

0,001	0,310	0,000	0,006	0,001	FALSE
-0,027	0,303	-0,001	0,010	0,046	FALSE
-0,001	0,319	0,000	0,010	0,012	FALSE
-0,053	0,307	-0,002	0,010	0,071	FALSE
-0,022	0,307	0,000	0,012	0,001	FALSE
0,035	0,311	0,001	0,012	0,015	FALSE
-0,050	0,299	-0,001	0,006	0,069	FALSE
-0,036	0,299	-0,002	0,011	0,064	FALSE
-0,032	0,295	0,000	0,008	0,013	FALSE
-0,136	0,318	-0,004	0,009	0,176	FALSE
-0,058	0,302	-0,001	0,007	0,061	FALSE
0,134	0,309	0,003	0,007	0,171	FALSE
0,095	0,310	0,003	0,008	0,134	FALSE
0,074	0,291	0,003	0,010	0,121	FALSE
0,057	0,306	0,002	0,010	0,077	FALSE
0,099	0,315	0,002	0,007	0,118	FALSE
0,116	0,310	0,003	0,008	0,135	FALSE
0,104	0,286	0,002	0,007	0,119	FALSE
0,091	0,301	0,002	0,007	0,103	FALSE
-0,072	0,311	-0,002	0,007	0,093	FALSE
0,030	0,323	0,001	0,012	0,024	FALSE
0,052	0,308	0,002	0,010	0,067	FALSE
0,063	0,299	0,001	0,006	0,087	FALSE
-0,057	0,308	-0,003	0,013	0,084	FALSE
0,022	0,305	0,001	0,008	0,038	FALSE
0,083	0,306	0,001	0,006	0,070	FALSE
0,032	0,288	0,003	0,012	0,078	FALSE
0,104	0,323	0,002	0,007	0,119	FALSE
0,004	0,297	0,001	0,008	0,040	FALSE
0,045	0,316	0,002	0,008	0,080	FALSE
0,060	0,303	0,002	0,009	0,098	FALSE
0,066	0,308	0,001	0,007	0,044	FALSE
0,013	0,305	0,000	0,009	0,008	FALSE
0,023	0,315	0,000	0,010	0,002	FALSE
-0,063	0,305	-0,002	0,007	0,095	FALSE
0,028	0,303	0,001	0,007	0,026	FALSE
-0,106	0,311	-0,003	0,009	0,131	FALSE
0,089	0,295	0,003	0,011	0,119	FALSE
0,063	0,309	0,001	0,006	0,088	FALSE
-0,184	0,302	-0,004	0,007	0,278	FALSE
0,052	0,315	0,001	0,009	0,060	FALSE
-0,012	0,307	-0,001	0,009	0,034	FALSE
0,054	0,306	0,001	0,009	0,054	FALSE
0,147	0,297	0,004	0,008	0,237	FALSE
-0,034	0,289	-0,001	0,011	0,046	FALSE
0,117	0,294	0,003	0,007	0,203	FALSE
-0,026	0,303	-0,001	0,012	0,029	FALSE
-0,059	0,319	-0,003	0,013	0,073	FALSE
-0,030	0,319	-0,002	0,013	0,048	FALSE
-0,050	0,318	-0,001	0,010	0,051	FALSE
-0,079	0,312	-0,003	0,010	0,119	FALSE
0,024	0,308	0,001	0,009	0,046	FALSE
-0,002	0,307	0,000	0,008	0,001	FALSE

0,069	0,309	0,001	0,008	0,060	FALSE
-0,049	0,312	-0,002	0,012	0,065	FALSE
0,086	0,305	0,002	0,008	0,098	FALSE
-0,096	0,305	-0,003	0,007	0,164	FALSE
0,080	0,293	0,002	0,009	0,083	FALSE
-0,092	0,311	-0,003	0,007	0,157	FALSE
0,105	0,303	0,002	0,008	0,124	FALSE
-0,003	0,322	0,000	0,012	0,004	FALSE
0,077	0,294	0,002	0,010	0,074	FALSE
0,026	0,310	0,001	0,008	0,030	FALSE
0,101	0,306	0,003	0,012	0,086	FALSE
0,050	0,315	0,001	0,011	0,046	FALSE
0,108	0,310	0,003	0,012	0,096	FALSE
0,057	0,295	0,001	0,007	0,064	FALSE
-0,126	0,297	-0,004	0,010	0,155	FALSE
-0,050	0,302	-0,001	0,010	0,050	FALSE
0,069	0,302	0,002	0,009	0,083	FALSE
-0,058	0,302	-0,002	0,009	0,072	FALSE
-0,036	0,308	-0,002	0,010	0,055	FALSE
0,047	0,324	0,001	0,012	0,042	FALSE
-0,065	0,308	-0,003	0,011	0,092	FALSE
-0,051	0,309	-0,002	0,011	0,083	FALSE
-0,116	0,298	-0,003	0,008	0,166	FALSE
0,155	0,297	0,006	0,011	0,226	FALSE
0,153	0,289	0,007	0,012	0,243	FALSE
0,079	0,311	0,004	0,012	0,118	FALSE
-0,085	0,304	-0,002	0,007	0,077	FALSE
-0,026	0,334	-0,001	0,007	0,034	FALSE
-0,030	0,305	-0,001	0,007	0,046	FALSE
0,025	0,311	0,000	0,011	0,012	FALSE
0,123	0,302	0,004	0,008	0,184	FALSE
0,121	0,299	0,005	0,012	0,160	FALSE
0,137	0,308	0,004	0,008	0,191	FALSE
0,003	0,319	0,000	0,007	0,007	FALSE
-0,050	0,315	-0,003	0,012	0,081	FALSE
0,233	0,277	0,006	0,006	0,512	FALSE
0,008	0,309	0,000	0,009	0,018	FALSE
-0,043	0,305	-0,001	0,007	0,040	FALSE
0,085	0,316	0,001	0,007	0,070	FALSE
0,083	0,306	0,001	0,007	0,054	FALSE
0,046	0,304	0,001	0,006	0,073	FALSE
0,096	0,310	0,001	0,007	0,069	FALSE
0,089	0,310	0,002	0,008	0,085	FALSE
0,044	0,300	0,002	0,007	0,087	FALSE
-0,062	0,317	-0,002	0,013	0,061	FALSE
-0,024	0,317	-0,001	0,012	0,023	FALSE
-0,005	0,303	-0,001	0,010	0,045	FALSE
-0,012	0,319	-0,001	0,011	0,030	FALSE
0,014	0,308	0,001	0,008	0,060	FALSE
0,016	0,321	0,001	0,009	0,033	FALSE
0,217	0,288	0,006	0,007	0,363	FALSE
-0,110	0,296	-0,006	0,012	0,215	FALSE
0,076	0,316	0,004	0,012	0,113	FALSE

0,085	0,306	0,002	0,006	0,120	FALSE
-0,064	0,291	-0,002	0,008	0,067	FALSE
0,010	0,306	0,001	0,009	0,030	FALSE
-0,128	0,303	-0,005	0,010	0,197	FALSE
0,055	0,310	0,001	0,008	0,038	FALSE
0,018	0,293	0,000	0,008	0,007	FALSE
0,033	0,285	0,001	0,012	0,031	FALSE
0,067	0,292	0,003	0,010	0,118	FALSE
0,054	0,312	0,001	0,009	0,050	FALSE
0,095	0,305	0,003	0,009	0,113	FALSE
-0,001	0,315	0,000	0,009	0,019	FALSE
-0,061	0,299	-0,001	0,008	0,040	FALSE
-0,062	0,306	-0,001	0,006	0,072	FALSE
-0,133	0,300	-0,006	0,013	0,189	FALSE
-0,061	0,314	-0,001	0,006	0,092	FALSE
-0,008	0,301	-0,001	0,008	0,051	FALSE
0,067	0,323	0,002	0,012	0,069	FALSE
0,083	0,303	0,003	0,011	0,104	FALSE
0,010	0,325	0,000	0,007	0,000	FALSE
-0,098	0,310	-0,004	0,012	0,131	FALSE
-0,121	0,304	-0,005	0,012	0,171	FALSE
-0,098	0,310	-0,004	0,012	0,124	FALSE
-0,115	0,310	-0,004	0,012	0,146	FALSE
0,015	0,316	0,000	0,007	0,004	FALSE
0,147	0,305	0,006	0,012	0,212	FALSE
-0,060	0,305	-0,001	0,007	0,048	FALSE
0,161	0,290	0,003	0,006	0,209	FALSE
-0,032	0,302	-0,002	0,011	0,079	FALSE
-0,033	0,321	0,000	0,007	0,021	FALSE
0,056	0,306	0,001	0,007	0,048	FALSE
-0,006	0,298	0,000	0,012	0,008	FALSE
0,124	0,311	0,005	0,012	0,173	FALSE
-0,007	0,297	0,000	0,012	0,006	FALSE
-0,050	0,307	-0,001	0,007	0,077	FALSE
-0,031	0,296	-0,001	0,012	0,046	FALSE
0,006	0,311	0,000	0,011	0,014	FALSE
0,101	0,309	0,002	0,008	0,100	FALSE
0,155	0,292	0,004	0,007	0,224	FALSE
-0,003	0,287	0,001	0,007	0,055	FALSE
0,032	0,299	0,001	0,012	0,043	FALSE
-0,036	0,319	-0,002	0,012	0,060	FALSE
0,133	0,299	0,005	0,013	0,175	FALSE
0,162	0,295	0,007	0,013	0,227	FALSE
0,154	0,303	0,006	0,013	0,204	FALSE
-0,085	0,303	-0,002	0,008	0,078	FALSE
-0,104	0,308	-0,003	0,010	0,101	FALSE
0,021	0,304	0,000	0,006	0,017	FALSE
-0,016	0,320	0,000	0,006	0,023	FALSE
0,148	0,302	0,004	0,009	0,179	FALSE
0,048	0,310	0,002	0,012	0,067	FALSE
-0,108	0,311	-0,005	0,012	0,155	FALSE
-0,041	0,299	-0,002	0,012	0,058	FALSE
-0,034	0,317	-0,002	0,012	0,052	FALSE

-0,020	0,308	-0,001	0,011	0,030	FALSE
0,056	0,308	0,001	0,012	0,037	FALSE
0,032	0,316	0,000	0,009	0,009	FALSE
0,034	0,296	0,002	0,012	0,050	FALSE
0,162	0,285	0,005	0,009	0,242	FALSE
0,143	0,288	0,005	0,012	0,187	FALSE
-0,113	0,302	-0,003	0,008	0,122	FALSE
0,036	0,310	0,001	0,009	0,055	FALSE
0,043	0,311	0,001	0,007	0,058	FALSE
0,046	0,294	0,001	0,007	0,066	FALSE
-0,001	0,313	0,001	0,012	0,018	FALSE
0,094	0,305	0,002	0,007	0,109	FALSE
0,011	0,305	0,000	0,008	0,009	FALSE
0,087	0,299	0,002	0,007	0,092	FALSE
0,052	0,322	0,001	0,007	0,063	FALSE
-0,107	0,317	-0,003	0,009	0,143	FALSE
0,116	0,294	0,002	0,007	0,120	FALSE
0,081	0,319	0,001	0,008	0,066	FALSE
-0,053	0,300	-0,002	0,010	0,064	FALSE
-0,047	0,302	-0,002	0,012	0,072	FALSE
-0,027	0,312	-0,001	0,009	0,031	FALSE
-0,115	0,299	-0,004	0,010	0,166	FALSE
0,032	0,306	0,002	0,012	0,056	FALSE
0,050	0,301	0,001	0,008	0,055	FALSE
-0,010	0,302	-0,001	0,010	0,043	FALSE
-0,035	0,310	-0,002	0,013	0,071	FALSE
0,078	0,296	0,002	0,006	0,157	FALSE
0,020	0,313	0,001	0,007	0,030	FALSE
-0,012	0,307	0,000	0,012	0,006	FALSE
0,092	0,312	0,002	0,009	0,108	FALSE
0,001	0,294	0,000	0,006	0,019	FALSE
0,039	0,321	0,001	0,008	0,057	FALSE
0,135	0,289	0,003	0,007	0,210	FALSE
0,034	0,307	0,002	0,010	0,057	FALSE
0,135	0,296	0,003	0,007	0,184	FALSE
-0,039	0,302	-0,001	0,007	0,068	FALSE
0,069	0,305	0,002	0,009	0,085	FALSE
0,030	0,319	0,002	0,010	0,055	FALSE
0,048	0,324	0,001	0,007	0,048	FALSE
-0,007	0,308	-0,001	0,007	0,033	FALSE
0,021	0,308	0,000	0,009	0,008	FALSE
0,108	0,300	0,003	0,009	0,127	FALSE
-0,130	0,308	-0,005	0,011	0,166	FALSE
0,065	0,311	0,002	0,009	0,098	FALSE
0,133	0,299	0,004	0,007	0,227	FALSE
0,032	0,299	0,001	0,008	0,068	FALSE
0,135	0,317	0,002	0,007	0,135	FALSE
-0,113	0,308	-0,003	0,007	0,146	FALSE
-0,074	0,304	-0,003	0,012	0,093	FALSE
-0,002	0,304	0,000	0,013	0,003	FALSE
0,009	0,317	0,000	0,007	0,009	FALSE
-0,070	0,291	-0,002	0,007	0,083	FALSE
0,074	0,296	0,003	0,009	0,116	FALSE

0,063	0,295	0,002	0,008	0,111	FALSE
-0,122	0,303	-0,004	0,009	0,201	FALSE
-0,014	0,300	0,000	0,011	0,002	FALSE
0,083	0,310	0,003	0,011	0,108	FALSE
0,088	0,312	0,003	0,012	0,096	FALSE
-0,017	0,310	0,000	0,006	0,002	FALSE
-0,017	0,311	-0,001	0,007	0,042	FALSE
-0,113	0,300	-0,004	0,011	0,130	FALSE
-0,123	0,299	-0,005	0,012	0,164	FALSE
-0,155	0,299	-0,006	0,011	0,206	FALSE
0,050	0,315	0,001	0,008	0,061	FALSE
-0,163	0,304	-0,004	0,007	0,236	FALSE
0,049	0,300	0,001	0,006	0,079	FALSE
-0,157	0,294	-0,006	0,012	0,206	FALSE
0,088	0,306	0,005	0,012	0,150	FALSE
-0,080	0,314	-0,002	0,008	0,091	FALSE
0,059	0,307	0,002	0,009	0,079	FALSE
0,018	0,303	0,001	0,010	0,047	FALSE
-0,003	0,307	0,000	0,012	0,005	FALSE
-0,020	0,301	0,000	0,012	0,003	FALSE
-0,077	0,297	-0,002	0,009	0,099	FALSE
-0,151	0,299	-0,004	0,009	0,221	FALSE
-0,073	0,306	-0,002	0,011	0,088	FALSE
-0,053	0,304	-0,002	0,011	0,076	FALSE
-0,127	0,311	-0,004	0,010	0,156	FALSE
0,154	0,302	0,006	0,011	0,235	FALSE
0,089	0,323	0,004	0,012	0,121	FALSE
0,138	0,312	0,005	0,011	0,201	FALSE
-0,084	0,305	-0,002	0,007	0,111	FALSE
-0,070	0,311	-0,001	0,006	0,081	FALSE
0,044	0,308	0,001	0,007	0,041	FALSE
-0,033	0,312	-0,001	0,007	0,072	FALSE
0,077	0,303	0,002	0,006	0,145	FALSE
0,058	0,299	0,002	0,008	0,071	FALSE
-0,013	0,312	-0,001	0,012	0,018	FALSE
-0,004	0,321	0,000	0,008	0,016	FALSE
0,003	0,307	0,001	0,010	0,022	FALSE
0,056	0,320	0,002	0,012	0,059	FALSE
0,059	0,295	0,004	0,013	0,109	FALSE
-0,054	0,289	-0,002	0,010	0,084	FALSE
-0,054	0,307	-0,001	0,010	0,049	FALSE
0,157	0,313	0,004	0,008	0,239	FALSE
0,144	0,292	0,005	0,011	0,196	FALSE
0,141	0,314	0,006	0,011	0,227	FALSE
-0,033	0,296	-0,001	0,010	0,030	FALSE
-0,041	0,292	-0,001	0,008	0,040	FALSE
-0,003	0,296	0,000	0,010	0,017	FALSE
0,025	0,311	0,001	0,011	0,026	FALSE
-0,003	0,325	0,000	0,007	0,005	FALSE
-0,029	0,322	-0,001	0,007	0,027	FALSE
0,081	0,298	0,003	0,012	0,079	FALSE
0,009	0,298	0,001	0,008	0,025	FALSE
0,043	0,307	0,001	0,008	0,040	FALSE

0,071	0,309	0,002	0,008	0,072	FALSE
0,031	0,306	0,001	0,007	0,025	FALSE
0,089	0,296	0,003	0,011	0,116	FALSE
-0,002	0,305	0,000	0,006	0,014	FALSE
0,094	0,298	0,003	0,012	0,106	FALSE
0,010	0,299	0,000	0,007	0,015	FALSE
0,124	0,313	0,005	0,013	0,142	FALSE
0,038	0,314	0,000	0,013	0,005	FALSE
-0,130	0,301	-0,002	0,007	0,152	FALSE
-0,018	0,300	-0,002	0,011	0,051	FALSE
-0,019	0,316	0,000	0,012	0,013	FALSE
-0,004	0,294	0,001	0,010	0,027	FALSE
-0,047	0,303	-0,001	0,006	0,086	FALSE
0,042	0,309	0,000	0,006	0,028	FALSE
-0,122	0,301	-0,002	0,006	0,141	FALSE
-0,049	0,313	-0,001	0,008	0,063	FALSE
-0,080	0,297	-0,004	0,012	0,117	FALSE
-0,176	0,308	-0,004	0,008	0,254	FALSE
-0,170	0,296	-0,003	0,007	0,207	FALSE
-0,022	0,308	-0,001	0,007	0,056	FALSE
0,039	0,304	0,001	0,012	0,037	FALSE
-0,088	0,308	-0,003	0,010	0,117	FALSE
0,072	0,300	0,001	0,006	0,084	FALSE
0,084	0,302	0,002	0,007	0,091	FALSE
-0,025	0,307	-0,001	0,008	0,062	FALSE
-0,044	0,315	-0,001	0,007	0,038	FALSE
-0,031	0,315	-0,001	0,007	0,041	FALSE
-0,086	0,300	-0,002	0,007	0,097	FALSE
-0,086	0,305	-0,002	0,007	0,108	FALSE
-0,097	0,300	-0,002	0,007	0,121	FALSE
-0,111	0,306	-0,004	0,013	0,123	FALSE
-0,031	0,306	-0,002	0,013	0,053	FALSE
0,108	0,303	0,003	0,008	0,151	FALSE
-0,070	0,328	-0,002	0,009	0,081	FALSE
-0,148	0,295	-0,005	0,010	0,200	FALSE
0,051	0,312	0,002	0,012	0,052	FALSE
0,029	0,287	0,001	0,011	0,025	FALSE
-0,130	0,302	-0,004	0,010	0,166	FALSE
-0,046	0,309	-0,001	0,007	0,063	FALSE
-0,060	0,313	-0,002	0,008	0,094	FALSE
0,125	0,275	0,003	0,008	0,154	FALSE
0,018	0,314	0,000	0,008	0,003	FALSE
0,137	0,301	0,004	0,008	0,189	FALSE
-0,162	0,300	-0,003	0,006	0,218	FALSE
0,056	0,310	0,001	0,011	0,047	FALSE
-0,008	0,311	0,000	0,012	0,007	FALSE
0,006	0,313	0,000	0,010	0,008	FALSE
-0,092	0,302	-0,003	0,007	0,155	FALSE
-0,066	0,312	-0,001	0,008	0,065	FALSE
-0,017	0,313	-0,001	0,008	0,022	FALSE
-0,065	0,299	-0,003	0,013	0,096	FALSE
-0,092	0,296	-0,002	0,008	0,111	FALSE
-0,050	0,301	-0,001	0,006	0,043	FALSE

-0,119	0,301	-0,003	0,009	0,150	FALSE
-0,035	0,316	0,000	0,006	0,025	FALSE
-0,160	0,299	-0,004	0,009	0,182	FALSE
-0,088	0,298	-0,003	0,010	0,127	FALSE
0,150	0,312	0,004	0,009	0,201	FALSE
-0,048	0,307	-0,001	0,006	0,038	FALSE
0,026	0,303	0,001	0,009	0,027	FALSE
-0,030	0,322	0,000	0,007	0,020	FALSE
0,056	0,317	0,001	0,007	0,035	FALSE
-0,045	0,317	-0,002	0,012	0,049	FALSE
-0,027	0,318	-0,001	0,011	0,022	FALSE
-0,056	0,305	-0,002	0,011	0,069	FALSE
0,083	0,303	0,002	0,007	0,087	FALSE
-0,051	0,307	-0,001	0,007	0,063	FALSE
-0,086	0,313	-0,002	0,006	0,150	FALSE
0,116	0,291	0,004	0,012	0,144	FALSE
0,126	0,296	0,003	0,007	0,143	FALSE
-0,053	0,308	0,000	0,011	0,013	FALSE
0,231	0,298	0,009	0,011	0,362	FALSE
0,085	0,303	0,003	0,008	0,130	FALSE
0,052	0,311	0,001	0,006	0,074	FALSE
-0,180	0,298	-0,005	0,010	0,231	FALSE
-0,044	0,313	-0,001	0,010	0,049	FALSE
-0,077	0,303	-0,002	0,006	0,115	FALSE
-0,016	0,305	-0,001	0,012	0,028	FALSE
0,076	0,283	0,003	0,011	0,115	FALSE
-0,030	0,312	-0,001	0,010	0,033	FALSE
0,086	0,301	0,004	0,013	0,109	FALSE
-0,135	0,304	-0,005	0,012	0,187	FALSE
-0,041	0,311	-0,001	0,007	0,054	FALSE
0,030	0,309	0,001	0,008	0,060	FALSE
-0,054	0,313	0,000	0,011	0,008	FALSE
0,002	0,306	0,000	0,012	0,002	FALSE
0,095	0,295	0,005	0,013	0,146	FALSE
0,103	0,291	0,005	0,012	0,159	FALSE
-0,107	0,306	-0,003	0,007	0,144	FALSE
-0,076	0,316	-0,002	0,008	0,079	FALSE
0,030	0,300	0,002	0,010	0,061	FALSE
-0,099	0,301	-0,003	0,008	0,136	FALSE
-0,092	0,301	-0,002	0,008	0,123	FALSE
-0,005	0,320	0,000	0,011	0,003	FALSE
0,010	0,323	0,000	0,013	0,002	FALSE
0,050	0,301	0,002	0,010	0,061	FALSE
0,009	0,313	0,000	0,011	0,009	FALSE
0,014	0,303	0,000	0,007	0,023	FALSE
0,191	0,285	0,005	0,008	0,284	FALSE
0,081	0,298	0,003	0,008	0,130	FALSE
-0,044	0,315	-0,001	0,009	0,051	FALSE
-0,066	0,307	-0,003	0,012	0,104	FALSE
-0,018	0,317	0,000	0,007	0,000	FALSE
-0,017	0,312	0,000	0,010	0,016	FALSE
-0,128	0,288	-0,004	0,009	0,167	FALSE
-0,067	0,317	-0,002	0,008	0,098	FALSE

0,083	0,297	0,002	0,008	0,100	FALSE
-0,016	0,304	0,000	0,008	0,011	FALSE
-0,041	0,303	-0,001	0,007	0,045	FALSE
0,097	0,292	0,005	0,010	0,193	FALSE
-0,046	0,313	-0,001	0,010	0,053	FALSE
-0,090	0,294	-0,002	0,006	0,120	FALSE
-0,033	0,320	-0,001	0,009	0,055	FALSE
-0,044	0,316	-0,002	0,013	0,056	FALSE
-0,054	0,298	-0,001	0,012	0,024	FALSE
0,005	0,303	0,001	0,010	0,030	FALSE
-0,044	0,313	-0,001	0,008	0,045	FALSE
0,024	0,316	0,000	0,011	0,009	FALSE
0,057	0,298	0,003	0,011	0,114	FALSE
-0,012	0,312	0,000	0,012	0,004	FALSE
-0,067	0,317	-0,001	0,008	0,062	FALSE
-0,114	0,324	-0,003	0,010	0,131	FALSE
-0,090	0,305	-0,003	0,010	0,100	FALSE
0,026	0,307	0,001	0,012	0,017	FALSE
0,106	0,294	0,003	0,010	0,109	FALSE
-0,035	0,291	-0,001	0,011	0,021	FALSE
-0,020	0,308	-0,001	0,010	0,036	FALSE
-0,011	0,301	0,000	0,012	0,011	FALSE
-0,099	0,306	-0,005	0,012	0,161	FALSE
-0,018	0,305	-0,001	0,011	0,031	FALSE
-0,024	0,314	-0,001	0,010	0,039	FALSE
-0,103	0,289	-0,002	0,006	0,132	FALSE
-0,075	0,308	-0,002	0,008	0,080	FALSE
-0,125	0,296	-0,003	0,008	0,160	FALSE
-0,179	0,307	-0,004	0,007	0,251	FALSE
0,063	0,305	0,001	0,006	0,065	FALSE
0,122	0,309	0,004	0,008	0,180	FALSE
-0,042	0,313	-0,001	0,013	0,036	FALSE
0,091	0,305	0,002	0,007	0,082	FALSE
-0,029	0,303	0,000	0,010	0,002	FALSE
0,033	0,308	0,000	0,007	0,019	FALSE
-0,035	0,313	-0,001	0,006	0,045	FALSE
0,009	0,319	0,001	0,013	0,027	FALSE
-0,174	0,318	-0,005	0,008	0,254	FALSE
0,020	0,306	0,000	0,006	0,023	FALSE
0,065	0,314	0,003	0,012	0,084	FALSE
-0,053	0,299	-0,003	0,010	0,112	FALSE
-0,093	0,309	-0,003	0,009	0,158	FALSE
-0,016	0,313	0,000	0,009	0,015	FALSE
-0,006	0,304	0,001	0,012	0,015	FALSE
0,042	0,316	0,001	0,008	0,037	FALSE
-0,010	0,307	-0,001	0,009	0,040	FALSE
-0,029	0,312	0,000	0,009	0,006	FALSE
0,077	0,314	0,001	0,007	0,076	FALSE
-0,119	0,292	-0,003	0,006	0,169	FALSE
-0,027	0,309	-0,001	0,007	0,036	FALSE
0,084	0,306	0,002	0,006	0,114	FALSE
0,106	0,308	0,003	0,008	0,158	FALSE
0,010	0,311	0,000	0,012	0,002	FALSE

0,077	0,309	0,002	0,007	0,116	FALSE
-0,035	0,321	0,000	0,013	0,004	FALSE
-0,004	0,300	0,001	0,012	0,029	FALSE
-0,031	0,305	0,000	0,011	0,003	FALSE
0,034	0,311	0,001	0,010	0,026	FALSE
0,066	0,310	0,002	0,013	0,052	FALSE
-0,077	0,298	-0,002	0,010	0,066	FALSE
0,083	0,307	0,002	0,007	0,109	FALSE
-0,077	0,317	-0,003	0,011	0,107	FALSE
-0,113	0,302	-0,002	0,011	0,088	FALSE
0,056	0,313	0,001	0,006	0,081	FALSE
-0,229	0,290	-0,008	0,011	0,376	FALSE
0,031	0,309	0,001	0,008	0,063	FALSE
0,088	0,296	0,003	0,011	0,106	FALSE
-0,030	0,307	0,000	0,007	0,013	FALSE
0,020	0,329	0,000	0,009	0,004	FALSE
-0,014	0,288	0,000	0,006	0,009	FALSE
-0,111	0,289	-0,004	0,010	0,172	FALSE
0,219	0,266	0,008	0,010	0,358	FALSE
0,035	0,296	0,001	0,007	0,044	FALSE
-0,131	0,303	-0,004	0,011	0,160	FALSE
-0,105	0,295	-0,002	0,009	0,088	FALSE
-0,125	0,295	-0,003	0,008	0,151	FALSE
-0,124	0,308	-0,003	0,008	0,137	FALSE
-0,109	0,292	-0,002	0,008	0,110	FALSE
-0,036	0,300	0,000	0,010	0,006	FALSE
-0,107	0,299	-0,003	0,007	0,149	FALSE
0,112	0,308	0,002	0,007	0,136	FALSE
0,035	0,314	0,001	0,007	0,046	FALSE
-0,087	0,313	-0,004	0,011	0,133	FALSE
-0,131	0,313	-0,004	0,008	0,192	FALSE
-0,124	0,309	-0,003	0,007	0,189	FALSE
-0,120	0,300	-0,002	0,007	0,140	FALSE
0,040	0,291	0,002	0,012	0,066	FALSE
-0,064	0,302	-0,001	0,008	0,058	FALSE
0,020	0,311	0,001	0,012	0,023	FALSE
-0,029	0,303	-0,001	0,012	0,017	FALSE
-0,047	0,310	-0,001	0,012	0,030	FALSE
-0,027	0,301	-0,001	0,007	0,052	FALSE
0,058	0,291	0,002	0,010	0,081	FALSE
0,123	0,305	0,003	0,007	0,158	FALSE
0,187	0,296	0,006	0,009	0,275	FALSE
0,022	0,302	0,001	0,012	0,036	FALSE
0,057	0,298	0,001	0,009	0,055	FALSE
-0,187	0,309	-0,008	0,013	0,277	FALSE
-0,157	0,308	-0,007	0,012	0,226	FALSE
0,123	0,311	0,003	0,009	0,150	FALSE
-0,017	0,300	0,000	0,013	0,010	FALSE
-0,089	0,297	-0,004	0,013	0,119	FALSE
0,026	0,314	0,001	0,007	0,051	FALSE
0,000	0,313	0,000	0,008	0,004	FALSE
-0,018	0,300	0,000	0,008	0,004	FALSE
0,081	0,302	0,002	0,007	0,120	FALSE

0,081	0,303	0,001	0,009	0,055	FALSE
0,027	0,306	0,002	0,010	0,073	FALSE
0,032	0,315	0,001	0,006	0,066	FALSE
-0,073	0,317	-0,004	0,012	0,113	FALSE
0,048	0,288	0,001	0,007	0,034	FALSE
-0,020	0,317	0,000	0,006	0,010	FALSE
-0,066	0,314	-0,002	0,009	0,098	FALSE
-0,080	0,318	-0,003	0,013	0,090	FALSE
-0,061	0,310	-0,002	0,009	0,085	FALSE
-0,027	0,295	-0,001	0,007	0,065	FALSE
-0,006	0,315	0,000	0,011	0,000	FALSE
-0,022	0,316	0,000	0,012	0,003	FALSE
0,200	0,297	0,005	0,008	0,269	FALSE
0,181	0,281	0,004	0,005	0,326	FALSE
0,051	0,313	0,001	0,008	0,071	FALSE
-0,109	0,294	-0,005	0,012	0,159	FALSE
0,082	0,308	0,002	0,008	0,092	FALSE
0,022	0,303	0,001	0,008	0,028	FALSE
-0,090	0,301	-0,005	0,012	0,167	FALSE
0,100	0,296	0,002	0,007	0,149	FALSE
0,000	0,305	0,000	0,011	0,005	FALSE
0,070	0,302	0,002	0,006	0,117	FALSE
0,005	0,307	0,000	0,010	0,006	FALSE
-0,086	0,303	-0,002	0,010	0,070	FALSE
0,009	0,305	0,001	0,008	0,024	FALSE
0,074	0,297	0,002	0,008	0,078	FALSE
-0,127	0,297	-0,004	0,009	0,169	FALSE
0,102	0,318	0,003	0,007	0,161	FALSE
0,033	0,313	0,001	0,009	0,043	FALSE
0,043	0,305	0,001	0,007	0,071	FALSE
0,003	0,300	0,000	0,007	0,005	FALSE
-0,024	0,312	-0,002	0,011	0,055	FALSE
-0,109	0,299	-0,002	0,006	0,141	FALSE
-0,037	0,311	0,000	0,007	0,011	FALSE
0,067	0,300	0,002	0,007	0,134	FALSE
0,008	0,314	0,000	0,011	0,004	FALSE
-0,048	0,294	-0,001	0,007	0,033	FALSE
0,033	0,306	0,002	0,010	0,070	FALSE
0,076	0,312	0,004	0,013	0,116	FALSE
-0,008	0,322	-0,001	0,007	0,029	FALSE
-0,109	0,310	-0,003	0,008	0,166	FALSE
0,053	0,312	0,002	0,011	0,083	FALSE
-0,024	0,320	-0,001	0,008	0,050	FALSE
0,023	0,308	0,000	0,010	0,011	FALSE
-0,022	0,304	-0,001	0,011	0,028	FALSE
0,084	0,306	0,003	0,007	0,168	FALSE
0,027	0,314	0,001	0,011	0,019	FALSE
-0,040	0,310	-0,001	0,007	0,060	FALSE
-0,181	0,301	-0,008	0,013	0,263	FALSE
-0,216	0,284	-0,008	0,011	0,320	FALSE
-0,099	0,311	-0,003	0,010	0,134	FALSE
0,057	0,312	0,003	0,012	0,082	FALSE
0,011	0,317	0,000	0,007	0,016	FALSE

-0,169	0,286	-0,003	0,006	0,244	FALSE
-0,197	0,299	-0,005	0,008	0,280	FALSE
-0,118	0,293	-0,004	0,012	0,137	FALSE
0,066	0,295	0,001	0,008	0,049	FALSE
-0,021	0,303	0,000	0,007	0,014	FALSE
0,140	0,317	0,004	0,008	0,191	FALSE
0,040	0,320	0,002	0,013	0,046	FALSE
0,044	0,312	0,002	0,006	0,103	FALSE
0,056	0,314	0,001	0,007	0,069	FALSE
0,033	0,299	0,001	0,010	0,053	FALSE
0,084	0,297	0,001	0,009	0,055	FALSE
0,066	0,291	0,001	0,008	0,039	FALSE
0,110	0,296	0,002	0,006	0,148	FALSE
0,062	0,301	0,001	0,009	0,046	FALSE
-0,032	0,312	-0,002	0,011	0,053	FALSE
-0,064	0,314	-0,003	0,012	0,110	FALSE
-0,110	0,308	-0,003	0,008	0,136	FALSE
-0,031	0,306	-0,002	0,012	0,069	FALSE
-0,008	0,312	-0,001	0,011	0,033	FALSE
-0,088	0,303	-0,003	0,010	0,114	FALSE
0,135	0,300	0,006	0,011	0,210	FALSE
-0,151	0,301	-0,007	0,012	0,239	FALSE
0,048	0,305	0,001	0,008	0,043	FALSE
0,170	0,295	0,007	0,012	0,258	FALSE
0,057	0,310	0,001	0,008	0,069	FALSE
0,135	0,306	0,003	0,007	0,176	FALSE
-0,085	0,313	-0,003	0,013	0,105	FALSE
0,176	0,305	0,006	0,010	0,261	FALSE
0,062	0,316	0,002	0,010	0,059	FALSE
0,070	0,310	0,003	0,009	0,117	FALSE
0,084	0,309	0,002	0,008	0,092	FALSE
0,024	0,316	0,001	0,007	0,043	FALSE
0,009	0,302	0,000	0,010	0,009	FALSE
0,065	0,305	0,002	0,006	0,097	FALSE
0,035	0,311	0,001	0,010	0,030	FALSE
0,018	0,312	0,000	0,010	0,007	FALSE
0,082	0,300	0,001	0,007	0,082	FALSE
-0,061	0,302	-0,001	0,006	0,091	FALSE
-0,065	0,305	-0,001	0,006	0,086	FALSE
0,095	0,293	0,002	0,007	0,117	FALSE
-0,087	0,301	-0,003	0,009	0,115	FALSE
0,159	0,314	0,006	0,013	0,209	FALSE
-0,082	0,310	-0,002	0,009	0,107	FALSE
0,205	0,305	0,009	0,013	0,304	FALSE
-0,109	0,306	-0,003	0,008	0,129	FALSE
-0,111	0,323	-0,004	0,013	0,133	FALSE
-0,118	0,310	-0,005	0,012	0,163	FALSE
0,019	0,298	0,000	0,009	0,001	FALSE
-0,069	0,317	-0,003	0,013	0,084	FALSE
-0,069	0,298	-0,001	0,007	0,054	FALSE
-0,170	0,297	-0,005	0,010	0,218	FALSE
-0,048	0,317	-0,001	0,008	0,033	FALSE
0,016	0,304	0,001	0,008	0,039	FALSE

-0,104	0,301	-0,002	0,008	0,119	FALSE
-0,028	0,298	-0,001	0,012	0,027	FALSE
0,041	0,313	0,001	0,013	0,043	FALSE
-0,028	0,311	0,000	0,010	0,017	FALSE
-0,030	0,311	-0,002	0,013	0,057	FALSE
-0,020	0,313	-0,001	0,010	0,029	FALSE
0,041	0,311	0,001	0,007	0,042	FALSE
-0,031	0,293	-0,001	0,010	0,048	FALSE
-0,091	0,307	-0,004	0,012	0,140	FALSE
-0,100	0,306	-0,005	0,012	0,155	FALSE
0,084	0,318	0,004	0,013	0,103	FALSE
0,108	0,307	0,004	0,013	0,130	FALSE
-0,064	0,311	-0,002	0,012	0,070	FALSE
-0,145	0,308	-0,003	0,007	0,173	FALSE
-0,056	0,309	-0,002	0,012	0,075	FALSE
0,075	0,304	0,003	0,013	0,085	FALSE
0,073	0,306	0,002	0,009	0,091	FALSE
0,104	0,307	0,004	0,010	0,174	FALSE
-0,153	0,300	-0,006	0,012	0,220	FALSE
-0,122	0,305	-0,004	0,010	0,149	FALSE
-0,072	0,313	-0,002	0,010	0,093	FALSE
0,064	0,318	0,003	0,010	0,108	FALSE
-0,047	0,309	-0,002	0,010	0,063	FALSE
-0,021	0,313	0,000	0,008	0,021	FALSE
-0,131	0,299	-0,005	0,011	0,193	FALSE
-0,063	0,313	-0,002	0,009	0,063	FALSE
-0,082	0,306	-0,003	0,011	0,123	FALSE
0,157	0,298	0,005	0,009	0,250	FALSE
-0,152	0,283	-0,004	0,008	0,241	FALSE
0,001	0,312	0,000	0,009	0,010	FALSE
0,004	0,314	0,000	0,006	0,010	FALSE
0,017	0,304	0,000	0,008	0,004	FALSE
0,034	0,311	0,001	0,008	0,042	FALSE
-0,053	0,312	-0,002	0,011	0,058	FALSE
0,156	0,308	0,004	0,007	0,239	FALSE
0,171	0,301	0,004	0,007	0,286	FALSE
0,088	0,302	0,004	0,012	0,123	FALSE
-0,085	0,310	-0,003	0,011	0,119	FALSE
0,003	0,291	0,000	0,011	0,011	FALSE
0,139	0,300	0,004	0,008	0,226	FALSE
-0,129	0,315	-0,005	0,011	0,167	FALSE
-0,010	0,312	-0,001	0,008	0,031	FALSE
-0,098	0,316	-0,003	0,008	0,121	FALSE
-0,046	0,311	-0,002	0,011	0,084	FALSE
0,026	0,301	0,001	0,008	0,062	FALSE
0,063	0,312	0,001	0,011	0,051	FALSE
-0,027	0,289	0,000	0,010	0,006	FALSE
-0,055	0,287	-0,001	0,009	0,030	FALSE
-0,034	0,314	-0,001	0,006	0,061	FALSE
0,056	0,301	0,001	0,007	0,066	FALSE
0,039	0,313	0,001	0,006	0,074	FALSE
-0,024	0,293	-0,002	0,012	0,059	FALSE
0,007	0,326	0,000	0,013	0,007	FALSE

0,005	0,307	0,001	0,012	0,032	FALSE
-0,008	0,309	-0,001	0,008	0,043	FALSE
0,015	0,313	0,000	0,007	0,011	FALSE
-0,128	0,307	-0,003	0,006	0,169	FALSE
-0,062	0,309	-0,003	0,012	0,083	FALSE
0,106	0,299	0,005	0,010	0,187	FALSE
0,040	0,309	0,002	0,010	0,083	FALSE
-0,046	0,304	-0,001	0,007	0,060	FALSE
0,055	0,309	0,002	0,010	0,084	FALSE
0,024	0,310	0,001	0,012	0,045	FALSE
-0,027	0,311	-0,001	0,011	0,021	FALSE
0,046	0,301	0,002	0,011	0,050	FALSE
0,023	0,314	0,001	0,007	0,047	FALSE
0,015	0,304	0,000	0,013	0,013	FALSE
-0,109	0,298	-0,003	0,006	0,168	FALSE
0,024	0,307	0,001	0,010	0,024	FALSE
0,054	0,301	0,003	0,012	0,105	FALSE
-0,101	0,315	-0,002	0,008	0,116	FALSE
-0,077	0,315	-0,002	0,009	0,086	FALSE
-0,072	0,305	-0,002	0,010	0,082	FALSE
-0,100	0,305	-0,003	0,009	0,133	FALSE
0,022	0,299	0,000	0,006	0,026	FALSE
0,043	0,319	0,001	0,006	0,064	FALSE
-0,081	0,299	-0,003	0,010	0,116	FALSE
-0,102	0,299	-0,004	0,010	0,149	FALSE
-0,028	0,307	0,000	0,009	0,017	FALSE
-0,056	0,301	-0,001	0,007	0,058	FALSE
-0,191	0,293	-0,007	0,011	0,286	FALSE
0,179	0,299	0,005	0,008	0,261	FALSE
0,208	0,291	0,005	0,007	0,315	FALSE
-0,028	0,305	0,000	0,010	0,017	FALSE
0,003	0,296	0,001	0,007	0,039	FALSE
0,102	0,300	0,003	0,013	0,097	FALSE
-0,130	0,303	-0,004	0,009	0,186	FALSE
0,137	0,296	0,003	0,007	0,175	FALSE
0,146	0,311	0,006	0,011	0,222	FALSE
0,140	0,301	0,003	0,007	0,217	FALSE
0,127	0,322	0,003	0,007	0,179	FALSE
0,034	0,310	0,001	0,009	0,045	FALSE
0,133	0,306	0,003	0,007	0,201	FALSE
-0,067	0,303	-0,003	0,009	0,122	FALSE
0,000	0,318	0,001	0,012	0,020	FALSE
0,024	0,312	0,001	0,012	0,034	FALSE
0,011	0,311	0,000	0,009	0,004	FALSE
0,071	0,305	0,001	0,008	0,069	FALSE
0,042	0,310	0,001	0,009	0,058	FALSE
0,039	0,313	0,001	0,010	0,043	FALSE
0,096	0,312	0,003	0,012	0,084	FALSE
0,031	0,320	0,001	0,009	0,022	FALSE
-0,140	0,310	-0,003	0,007	0,192	FALSE
0,033	0,314	0,001	0,007	0,037	FALSE
0,042	0,313	0,001	0,006	0,060	FALSE
0,104	0,303	0,003	0,008	0,174	FALSE

0,064	0,305	0,003	0,012	0,087	FALSE
-0,107	0,304	-0,003	0,011	0,114	FALSE
0,217	0,309	0,007	0,010	0,326	FALSE
0,162	0,293	0,006	0,010	0,249	FALSE
-0,100	0,308	-0,004	0,012	0,131	FALSE
0,031	0,291	0,001	0,006	0,053	FALSE
0,025	0,303	0,000	0,012	0,005	FALSE
0,010	0,330	0,001	0,013	0,017	FALSE
0,058	0,313	0,001	0,006	0,076	FALSE
-0,130	0,303	-0,006	0,013	0,197	FALSE
0,118	0,310	0,004	0,008	0,182	FALSE
0,088	0,306	0,002	0,007	0,123	FALSE
0,037	0,310	0,001	0,012	0,029	FALSE
-0,049	0,303	-0,002	0,010	0,071	FALSE
0,063	0,290	0,002	0,012	0,058	FALSE
-0,022	0,303	-0,001	0,008	0,026	FALSE
-0,139	0,297	-0,005	0,012	0,181	FALSE
-0,145	0,302	-0,003	0,007	0,180	FALSE
-0,231	0,294	-0,008	0,012	0,321	FALSE
-0,034	0,304	-0,001	0,012	0,036	FALSE
0,166	0,297	0,004	0,009	0,206	FALSE
-0,096	0,302	-0,003	0,012	0,083	FALSE
-0,124	0,296	-0,006	0,012	0,211	FALSE
0,022	0,312	0,000	0,008	0,012	FALSE
-0,041	0,303	-0,001	0,011	0,028	FALSE
0,005	0,310	0,000	0,006	0,010	FALSE
0,007	0,306	0,000	0,007	0,002	FALSE
0,088	0,297	0,003	0,010	0,124	FALSE
0,126	0,297	0,004	0,010	0,194	FALSE
-0,081	0,299	-0,002	0,007	0,094	FALSE
0,054	0,310	0,002	0,009	0,090	FALSE
-0,111	0,307	-0,002	0,006	0,131	FALSE
-0,054	0,304	-0,002	0,011	0,070	FALSE
-0,061	0,296	-0,002	0,012	0,064	FALSE
-0,098	0,318	-0,003	0,009	0,141	FALSE
-0,050	0,308	-0,002	0,010	0,069	FALSE
-0,121	0,306	-0,003	0,007	0,159	FALSE
-0,042	0,312	-0,001	0,006	0,044	FALSE
0,082	0,294	0,003	0,013	0,079	FALSE
0,057	0,303	0,002	0,013	0,063	FALSE
0,059	0,299	0,001	0,006	0,057	FALSE
-0,054	0,308	-0,002	0,009	0,067	FALSE
-0,001	0,311	-0,001	0,013	0,033	FALSE
-0,096	0,315	-0,003	0,008	0,155	FALSE
-0,109	0,313	-0,005	0,013	0,169	FALSE
-0,069	0,304	-0,002	0,007	0,113	FALSE
-0,032	0,309	-0,002	0,011	0,052	FALSE
0,003	0,304	0,000	0,010	0,008	FALSE
0,087	0,312	0,003	0,010	0,107	FALSE
-0,072	0,317	-0,002	0,012	0,056	FALSE
-0,001	0,313	0,000	0,009	0,016	FALSE
0,024	0,320	0,001	0,009	0,054	FALSE
0,071	0,314	0,001	0,009	0,058	FALSE

0,089	0,305	0,001	0,007	0,063	FALSE
-0,063	0,320	-0,003	0,009	0,117	FALSE
0,101	0,304	0,002	0,007	0,091	FALSE
-0,005	0,313	0,000	0,008	0,002	FALSE
-0,073	0,312	-0,002	0,009	0,103	FALSE
-0,073	0,306	-0,003	0,009	0,115	FALSE
-0,089	0,305	-0,003	0,012	0,106	FALSE
-0,066	0,300	-0,002	0,013	0,058	FALSE
-0,066	0,299	-0,002	0,012	0,067	FALSE
-0,076	0,304	-0,002	0,010	0,096	FALSE
-0,021	0,312	-0,001	0,009	0,050	FALSE
0,084	0,292	0,003	0,013	0,104	FALSE
-0,061	0,294	-0,002	0,012	0,057	FALSE
-0,098	0,303	-0,003	0,007	0,155	FALSE
0,022	0,309	0,000	0,010	0,003	FALSE
0,143	0,287	0,004	0,009	0,216	FALSE
-0,014	0,314	0,000	0,007	0,001	FALSE
0,026	0,315	0,000	0,013	0,002	FALSE
-0,037	0,307	-0,002	0,010	0,094	FALSE
-0,047	0,303	-0,003	0,010	0,113	FALSE
0,016	0,306	0,001	0,007	0,033	FALSE
0,030	0,301	0,001	0,012	0,033	FALSE
-0,131	0,307	-0,005	0,010	0,198	FALSE
0,091	0,294	0,005	0,010	0,193	FALSE
-0,077	0,309	-0,002	0,010	0,085	FALSE
0,004	0,289	-0,001	0,008	0,030	FALSE
0,052	0,322	0,001	0,011	0,036	FALSE
-0,073	0,307	-0,003	0,012	0,111	FALSE
0,107	0,318	0,004	0,010	0,168	FALSE
-0,090	0,307	-0,002	0,007	0,117	FALSE
-0,067	0,315	-0,002	0,009	0,095	FALSE
0,014	0,311	0,000	0,008	0,017	FALSE
-0,109	0,308	-0,002	0,007	0,133	FALSE
-0,020	0,323	0,000	0,007	0,008	FALSE
-0,022	0,285	-0,001	0,007	0,058	FALSE
-0,001	0,313	0,001	0,011	0,018	FALSE
-0,052	0,296	-0,002	0,009	0,078	FALSE
-0,118	0,288	-0,003	0,010	0,133	FALSE
-0,109	0,312	-0,004	0,013	0,133	FALSE
-0,134	0,317	-0,004	0,010	0,169	FALSE
-0,123	0,298	-0,004	0,010	0,181	FALSE
0,002	0,299	0,000	0,008	0,015	FALSE
-0,123	0,297	-0,005	0,012	0,174	FALSE
-0,113	0,306	-0,005	0,011	0,188	FALSE
-0,077	0,322	-0,002	0,012	0,069	FALSE
-0,122	0,306	-0,004	0,009	0,157	FALSE
-0,131	0,306	-0,006	0,013	0,204	FALSE
-0,062	0,298	-0,002	0,010	0,085	FALSE
0,130	0,286	0,007	0,013	0,217	FALSE
0,047	0,303	0,001	0,008	0,034	FALSE
-0,103	0,289	-0,005	0,010	0,201	FALSE
-0,101	0,303	-0,003	0,008	0,146	FALSE
0,052	0,292	0,002	0,011	0,069	FALSE

-0,062	0,319	-0,002	0,009	0,083	FALSE
0,012	0,300	0,000	0,006	0,020	FALSE
0,016	0,317	0,001	0,012	0,031	FALSE
-0,004	0,314	0,000	0,012	0,001	FALSE
0,056	0,310	0,001	0,010	0,052	FALSE
0,082	0,300	0,002	0,012	0,052	FALSE
0,071	0,307	0,001	0,009	0,048	FALSE
0,093	0,310	0,002	0,009	0,083	FALSE
0,047	0,303	0,001	0,010	0,050	FALSE
-0,034	0,309	-0,001	0,012	0,029	FALSE
0,092	0,297	0,002	0,007	0,114	FALSE
-0,048	0,309	-0,001	0,012	0,047	FALSE
0,057	0,302	0,001	0,011	0,048	FALSE
-0,095	0,309	-0,002	0,008	0,104	FALSE
-0,085	0,307	-0,002	0,008	0,095	FALSE
-0,031	0,312	-0,001	0,013	0,023	FALSE
-0,004	0,307	0,000	0,007	0,009	FALSE
-0,070	0,300	-0,002	0,008	0,115	FALSE
0,048	0,305	0,002	0,008	0,074	FALSE
0,022	0,302	0,000	0,012	0,003	FALSE
0,043	0,320	0,000	0,008	0,020	FALSE
-0,051	0,311	-0,002	0,008	0,085	FALSE
-0,107	0,301	-0,003	0,009	0,156	FALSE
0,014	0,296	0,001	0,007	0,048	FALSE
0,142	0,309	0,005	0,011	0,185	FALSE
0,113	0,296	0,002	0,006	0,116	FALSE
0,199	0,301	0,007	0,011	0,263	FALSE
0,105	0,299	0,002	0,006	0,170	FALSE
-0,118	0,297	-0,006	0,012	0,190	FALSE
-0,096	0,305	-0,002	0,008	0,109	FALSE
-0,126	0,289	-0,004	0,010	0,155	FALSE
-0,002	0,301	0,000	0,009	0,005	FALSE
-0,092	0,311	-0,004	0,011	0,144	FALSE
0,064	0,312	0,001	0,008	0,060	FALSE
0,050	0,299	0,001	0,009	0,056	FALSE
-0,058	0,315	-0,001	0,009	0,037	FALSE
-0,030	0,309	-0,001	0,010	0,024	FALSE
-0,046	0,309	-0,001	0,009	0,039	FALSE
-0,011	0,316	0,000	0,012	0,010	FALSE
0,108	0,299	0,003	0,008	0,179	FALSE
0,086	0,308	0,002	0,008	0,099	FALSE
-0,122	0,308	-0,004	0,012	0,136	FALSE
-0,080	0,312	-0,003	0,012	0,079	FALSE
-0,060	0,306	-0,002	0,012	0,056	FALSE
-0,044	0,324	-0,001	0,009	0,057	FALSE
-0,059	0,309	-0,002	0,008	0,104	FALSE
-0,034	0,314	0,000	0,009	0,005	FALSE
0,007	0,304	0,000	0,010	0,000	FALSE
-0,044	0,313	-0,001	0,009	0,023	FALSE
0,065	0,302	0,002	0,009	0,075	FALSE
-0,016	0,307	-0,001	0,012	0,015	FALSE
0,013	0,314	0,001	0,007	0,026	FALSE
-0,038	0,293	-0,001	0,008	0,024	FALSE

-0,101	0,312	-0,004	0,012	0,133	FALSE
-0,153	0,303	-0,006	0,011	0,233	FALSE
-0,085	0,292	-0,001	0,006	0,094	FALSE
-0,056	0,311	-0,002	0,007	0,094	FALSE
-0,054	0,305	-0,001	0,006	0,082	FALSE
-0,002	0,319	0,001	0,010	0,021	FALSE
-0,113	0,312	-0,003	0,007	0,145	FALSE
0,098	0,296	0,004	0,010	0,158	FALSE
0,131	0,301	0,004	0,009	0,211	FALSE
0,098	0,306	0,002	0,009	0,105	FALSE
-0,072	0,300	-0,002	0,010	0,094	FALSE
-0,028	0,300	-0,001	0,007	0,072	FALSE
-0,001	0,315	0,000	0,011	0,007	FALSE
-0,053	0,305	-0,002	0,013	0,066	FALSE
-0,063	0,302	-0,002	0,009	0,071	FALSE
-0,054	0,306	-0,002	0,009	0,076	FALSE
0,144	0,290	0,006	0,011	0,222	FALSE
0,143	0,293	0,004	0,007	0,228	FALSE
0,084	0,285	0,005	0,012	0,164	FALSE
-0,006	0,314	0,000	0,013	0,013	FALSE
-0,082	0,316	-0,002	0,007	0,089	FALSE
-0,049	0,302	-0,002	0,010	0,091	FALSE
-0,121	0,300	-0,003	0,007	0,195	FALSE
0,172	0,295	0,004	0,007	0,273	FALSE
0,151	0,293	0,004	0,007	0,233	FALSE
0,029	0,309	0,000	0,012	0,008	FALSE
-0,063	0,312	-0,003	0,013	0,087	FALSE
-0,060	0,314	-0,002	0,009	0,072	FALSE
-0,111	0,319	-0,004	0,010	0,148	FALSE
0,001	0,315	0,000	0,011	0,010	FALSE
0,086	0,308	0,003	0,011	0,122	FALSE
-0,080	0,311	-0,003	0,011	0,095	FALSE
-0,029	0,308	-0,001	0,012	0,047	FALSE
0,102	0,312	0,003	0,012	0,115	FALSE
0,167	0,296	0,006	0,010	0,275	FALSE
-0,071	0,289	-0,003	0,011	0,089	FALSE
-0,019	0,313	0,000	0,006	0,020	FALSE
0,081	0,311	0,002	0,008	0,103	FALSE
-0,135	0,308	-0,003	0,007	0,193	FALSE
0,034	0,306	0,001	0,011	0,046	FALSE
-0,043	0,311	-0,002	0,011	0,052	FALSE
0,009	0,307	0,000	0,007	0,007	FALSE
0,010	0,315	0,000	0,013	0,010	FALSE
0,048	0,284	0,002	0,011	0,051	FALSE
-0,027	0,283	0,000	0,006	0,027	FALSE
0,035	0,306	0,000	0,006	0,019	FALSE
0,019	0,319	0,000	0,006	0,018	FALSE
0,007	0,315	0,000	0,009	0,016	FALSE
-0,194	0,304	-0,007	0,012	0,265	FALSE
-0,076	0,298	-0,003	0,012	0,105	FALSE
0,006	0,312	0,000	0,011	0,005	FALSE
-0,009	0,297	0,000	0,010	0,017	FALSE
0,033	0,297	0,002	0,012	0,067	FALSE

-0,014	0,325	-0,001	0,010	0,028	FALSE
0,065	0,319	0,002	0,012	0,080	FALSE
-0,082	0,304	-0,003	0,011	0,121	FALSE
-0,092	0,304	-0,003	0,010	0,140	FALSE
0,031	0,316	0,002	0,009	0,065	FALSE
-0,103	0,307	-0,005	0,013	0,147	FALSE
-0,059	0,319	-0,002	0,013	0,045	FALSE
-0,038	0,313	0,000	0,007	0,024	FALSE
-0,001	0,312	-0,001	0,008	0,026	FALSE
-0,062	0,314	-0,003	0,012	0,093	FALSE
-0,028	0,314	-0,001	0,011	0,045	FALSE
-0,047	0,301	-0,002	0,011	0,084	FALSE
0,054	0,322	0,002	0,012	0,047	FALSE
-0,007	0,299	-0,001	0,010	0,024	FALSE
0,002	0,304	0,000	0,006	0,004	FALSE
0,069	0,309	0,002	0,010	0,066	FALSE
0,041	0,314	0,002	0,012	0,077	FALSE
-0,048	0,311	-0,002	0,012	0,049	FALSE
0,078	0,308	0,003	0,009	0,110	FALSE
-0,009	0,304	-0,001	0,008	0,065	FALSE
0,006	0,320	0,000	0,012	0,002	FALSE
0,087	0,317	0,002	0,008	0,092	FALSE
0,025	0,308	0,001	0,007	0,037	FALSE
-0,018	0,316	0,000	0,008	0,006	FALSE
-0,033	0,293	0,000	0,011	0,006	FALSE
-0,074	0,312	-0,001	0,007	0,068	FALSE
0,002	0,310	0,000	0,007	0,024	FALSE
-0,072	0,306	-0,002	0,010	0,075	FALSE
0,002	0,318	0,000	0,009	0,014	FALSE
-0,133	0,301	-0,005	0,012	0,172	FALSE
0,081	0,313	0,003	0,010	0,096	FALSE
-0,053	0,305	-0,002	0,010	0,065	FALSE
-0,012	0,309	-0,001	0,012	0,024	FALSE
-0,013	0,303	-0,001	0,010	0,032	FALSE
0,007	0,309	0,000	0,008	0,001	FALSE
-0,045	0,304	-0,001	0,011	0,036	FALSE
-0,055	0,301	-0,001	0,011	0,035	FALSE
0,143	0,308	0,003	0,007	0,170	FALSE
0,089	0,302	0,002	0,009	0,094	FALSE
0,035	0,309	0,002	0,010	0,061	FALSE
0,028	0,300	0,000	0,007	0,022	FALSE
0,036	0,302	0,001	0,012	0,032	FALSE
0,047	0,288	0,002	0,009	0,075	FALSE
-0,001	0,311	0,001	0,008	0,039	FALSE
-0,086	0,319	-0,003	0,011	0,107	FALSE
0,018	0,312	0,000	0,011	0,004	FALSE
-0,193	0,303	-0,007	0,011	0,286	FALSE
0,047	0,309	0,002	0,012	0,063	FALSE
-0,116	0,312	-0,005	0,013	0,172	FALSE
0,079	0,325	0,002	0,008	0,101	FALSE
0,117	0,304	0,006	0,013	0,190	FALSE
0,104	0,308	0,005	0,012	0,159	FALSE
0,101	0,296	0,005	0,012	0,157	FALSE

-0,077	0,307	-0,002	0,008	0,091	FALSE
-0,047	0,306	-0,001	0,007	0,070	FALSE
-0,119	0,304	-0,005	0,011	0,212	FALSE
0,111	0,291	0,004	0,009	0,172	FALSE
-0,065	0,299	-0,001	0,008	0,067	FALSE
0,029	0,306	0,001	0,007	0,029	FALSE
-0,132	0,306	-0,005	0,011	0,164	FALSE
-0,072	0,308	-0,002	0,010	0,062	FALSE
0,044	0,314	0,001	0,010	0,045	FALSE
0,049	0,318	0,001	0,010	0,055	FALSE
-0,031	0,296	-0,001	0,008	0,036	FALSE
-0,120	0,298	-0,004	0,011	0,140	FALSE
-0,055	0,295	-0,002	0,012	0,070	FALSE
-0,107	0,304	-0,004	0,012	0,129	FALSE
-0,098	0,309	-0,003	0,011	0,109	FALSE
-0,096	0,300	-0,002	0,008	0,118	FALSE
0,085	0,303	0,003	0,010	0,114	FALSE
-0,036	0,302	-0,002	0,011	0,053	FALSE
-0,049	0,305	-0,001	0,008	0,056	FALSE
-0,161	0,307	-0,003	0,006	0,203	FALSE
0,030	0,305	0,001	0,010	0,031	FALSE
0,099	0,303	0,002	0,007	0,117	FALSE
-0,066	0,300	-0,002	0,009	0,084	FALSE
0,011	0,301	0,000	0,007	0,005	FALSE
0,016	0,297	0,000	0,008	0,013	FALSE
-0,104	0,316	-0,003	0,010	0,136	FALSE
0,081	0,312	0,002	0,009	0,102	FALSE
0,009	0,312	0,001	0,009	0,042	FALSE
0,107	0,304	0,002	0,006	0,098	FALSE
0,047	0,301	0,002	0,009	0,063	FALSE
-0,033	0,318	-0,001	0,010	0,020	FALSE
-0,051	0,305	-0,001	0,010	0,047	FALSE
0,076	0,299	0,003	0,009	0,133	FALSE
0,035	0,310	0,001	0,007	0,058	FALSE
0,048	0,294	0,001	0,012	0,027	FALSE
-0,017	0,327	0,000	0,008	0,012	FALSE
-0,115	0,313	-0,005	0,012	0,175	FALSE
0,021	0,316	0,000	0,011	0,004	FALSE
-0,032	0,299	-0,001	0,012	0,036	FALSE
0,173	0,297	0,006	0,011	0,232	FALSE
0,041	0,311	0,002	0,011	0,059	FALSE
0,086	0,300	0,002	0,006	0,128	FALSE
0,091	0,310	0,002	0,006	0,116	FALSE
0,139	0,288	0,006	0,012	0,211	FALSE
-0,058	0,307	-0,002	0,010	0,065	FALSE
0,003	0,295	-0,001	0,010	0,036	FALSE
0,037	0,315	0,002	0,012	0,071	FALSE
0,000	0,294	0,001	0,009	0,042	FALSE
-0,001	0,315	0,000	0,007	0,007	FALSE
0,009	0,290	0,001	0,008	0,054	FALSE
-0,001	0,306	0,001	0,007	0,041	FALSE
0,078	0,303	0,002	0,007	0,133	FALSE
0,050	0,297	0,002	0,007	0,122	FALSE

0,056	0,309	0,003	0,009	0,116	FALSE
0,069	0,306	0,003	0,008	0,141	FALSE
0,080	0,291	0,003	0,008	0,146	FALSE
0,049	0,309	0,002	0,008	0,118	FALSE
0,041	0,286	0,002	0,007	0,109	FALSE
-0,041	0,314	-0,002	0,012	0,055	FALSE
-0,007	0,299	0,000	0,008	0,017	FALSE
-0,030	0,307	0,000	0,007	0,016	FALSE
-0,045	0,307	-0,001	0,008	0,029	FALSE
-0,001	0,316	0,000	0,009	0,020	FALSE
0,021	0,316	0,002	0,010	0,056	FALSE
-0,021	0,306	0,000	0,007	0,015	FALSE
0,115	0,311	0,004	0,011	0,157	FALSE
-0,012	0,295	-0,001	0,009	0,020	FALSE
0,038	0,291	0,001	0,009	0,040	FALSE
0,023	0,292	0,000	0,010	0,007	FALSE
0,026	0,297	0,001	0,006	0,048	FALSE
-0,096	0,299	-0,003	0,008	0,136	FALSE
-0,060	0,312	-0,003	0,012	0,093	FALSE
0,122	0,301	0,004	0,009	0,172	FALSE
-0,078	0,298	-0,002	0,007	0,109	FALSE
0,086	0,309	0,002	0,008	0,111	FALSE
0,074	0,314	0,002	0,007	0,128	FALSE
-0,032	0,319	0,000	0,009	0,012	FALSE
-0,078	0,307	-0,002	0,007	0,095	FALSE
0,062	0,316	0,001	0,006	0,084	FALSE
-0,127	0,309	-0,005	0,012	0,160	FALSE
-0,079	0,299	-0,003	0,012	0,115	FALSE
-0,062	0,307	-0,002	0,007	0,087	FALSE
0,128	0,287	0,005	0,011	0,172	FALSE
0,014	0,309	0,000	0,011	0,008	FALSE
-0,065	0,312	-0,002	0,008	0,100	FALSE
-0,064	0,306	-0,002	0,008	0,096	FALSE
0,120	0,309	0,004	0,009	0,160	FALSE
0,081	0,307	0,003	0,011	0,104	FALSE
0,113	0,296	0,003	0,008	0,169	FALSE
0,127	0,302	0,003	0,008	0,182	FALSE
0,094	0,304	0,003	0,007	0,141	FALSE
-0,049	0,311	-0,001	0,011	0,047	FALSE
0,090	0,295	0,003	0,009	0,135	FALSE
-0,105	0,304	-0,004	0,010	0,149	FALSE
-0,079	0,304	-0,003	0,010	0,109	FALSE
-0,033	0,305	-0,002	0,011	0,062	FALSE
0,056	0,307	0,002	0,011	0,055	FALSE
-0,067	0,305	-0,002	0,010	0,081	FALSE
-0,090	0,313	-0,004	0,010	0,140	FALSE
-0,104	0,308	-0,003	0,010	0,135	TRUE
0,097	0,313	0,003	0,010	0,120	FALSE
-0,018	0,315	0,000	0,008	0,006	FALSE
0,084	0,292	0,001	0,007	0,074	FALSE
0,049	0,299	0,002	0,008	0,104	FALSE
-0,040	0,304	-0,001	0,012	0,037	FALSE
-0,065	0,307	-0,002	0,008	0,085	FALSE

-0,064	0,311	-0,001	0,006	0,060	FALSE
0,001	0,311	0,000	0,011	0,004	FALSE
0,053	0,299	0,002	0,009	0,107	FALSE
-0,062	0,307	-0,001	0,009	0,048	FALSE
0,096	0,309	0,004	0,012	0,142	FALSE
0,014	0,315	0,001	0,013	0,042	FALSE
-0,058	0,295	-0,002	0,008	0,079	FALSE
0,130	0,301	0,004	0,008	0,209	FALSE
0,013	0,306	0,000	0,008	0,017	FALSE
-0,054	0,310	-0,001	0,008	0,046	FALSE
-0,011	0,320	-0,001	0,009	0,024	FALSE
0,087	0,311	0,002	0,009	0,113	FALSE
0,149	0,306	0,004	0,008	0,211	FALSE
-0,004	0,298	0,000	0,006	0,025	FALSE
0,106	0,302	0,004	0,011	0,156	FALSE
0,001	0,301	0,000	0,006	0,025	FALSE
0,001	0,311	0,000	0,006	0,028	FALSE
0,107	0,296	0,003	0,006	0,190	FALSE
0,000	0,303	0,000	0,007	0,018	FALSE
-0,025	0,312	-0,001	0,009	0,046	FALSE
-0,016	0,304	0,000	0,009	0,018	FALSE
0,050	0,307	0,001	0,007	0,026	FALSE
-0,005	0,313	0,001	0,013	0,026	FALSE
-0,052	0,309	-0,001	0,006	0,070	FALSE
-0,005	0,307	0,000	0,009	0,003	FALSE
-0,028	0,305	-0,001	0,010	0,024	FALSE
0,049	0,297	0,001	0,006	0,039	FALSE
0,099	0,294	0,003	0,010	0,102	FALSE
-0,019	0,310	-0,001	0,007	0,047	FALSE
-0,066	0,317	-0,004	0,013	0,112	FALSE
0,087	0,319	0,002	0,008	0,096	FALSE
-0,027	0,311	-0,002	0,012	0,047	FALSE
0,014	0,285	0,001	0,007	0,069	FALSE
-0,039	0,324	-0,001	0,009	0,034	FALSE
-0,024	0,294	-0,001	0,010	0,038	FALSE
0,009	0,309	0,000	0,009	0,004	FALSE
-0,055	0,300	-0,001	0,007	0,078	FALSE
0,106	0,305	0,004	0,012	0,138	FALSE
0,092	0,292	0,004	0,011	0,155	FALSE
0,045	0,310	0,003	0,012	0,088	FALSE
0,017	0,324	0,000	0,007	0,018	FALSE
0,019	0,318	0,002	0,013	0,054	FALSE
0,007	0,302	-0,001	0,012	0,035	FALSE
0,006	0,320	0,000	0,007	0,012	FALSE
0,029	0,307	0,001	0,011	0,047	FALSE
-0,077	0,297	-0,003	0,010	0,135	FALSE
0,081	0,322	0,004	0,012	0,129	FALSE
-0,013	0,297	0,000	0,013	0,005	FALSE
-0,018	0,295	0,000	0,013	0,008	FALSE
-0,056	0,301	-0,001	0,007	0,070	FALSE
0,013	0,287	0,000	0,007	0,012	FALSE
0,048	0,305	0,002	0,010	0,059	FALSE
-0,141	0,304	-0,003	0,006	0,204	FALSE

-0,058	0,312	-0,001	0,008	0,066	FALSE
0,051	0,309	0,002	0,010	0,077	FALSE
-0,029	0,320	-0,001	0,008	0,031	FALSE
-0,127	0,324	-0,003	0,007	0,184	FALSE
-0,066	0,309	-0,002	0,007	0,079	FALSE
-0,117	0,311	-0,003	0,008	0,139	FALSE
-0,126	0,302	-0,002	0,007	0,131	FALSE
-0,012	0,302	-0,001	0,009	0,022	FALSE
-0,085	0,312	-0,002	0,008	0,104	FALSE
-0,097	0,306	-0,002	0,007	0,121	FALSE
-0,104	0,317	-0,002	0,008	0,116	FALSE
-0,052	0,314	-0,002	0,009	0,065	FALSE
0,008	0,313	0,000	0,011	0,001	FALSE
-0,018	0,316	0,000	0,009	0,012	FALSE
0,083	0,300	0,002	0,008	0,127	FALSE
-0,023	0,323	-0,001	0,008	0,023	FALSE
0,053	0,308	0,002	0,010	0,086	FALSE
0,010	0,309	0,001	0,010	0,031	FALSE
0,010	0,308	0,000	0,012	0,011	FALSE
-0,094	0,305	-0,002	0,007	0,115	FALSE
0,050	0,303	0,003	0,011	0,098	FALSE
0,003	0,308	0,000	0,007	0,009	FALSE
-0,189	0,304	-0,004	0,007	0,232	FALSE
-0,008	0,306	-0,001	0,008	0,034	FALSE
0,145	0,302	0,005	0,012	0,152	FALSE
0,116	0,305	0,003	0,012	0,110	FALSE
0,036	0,297	0,002	0,010	0,056	FALSE
0,116	0,303	0,003	0,007	0,171	FALSE
-0,090	0,307	-0,003	0,011	0,121	FALSE
-0,175	0,313	-0,007	0,012	0,256	FALSE
0,000	0,300	0,000	0,008	0,021	FALSE
-0,010	0,301	-0,001	0,011	0,039	FALSE
-0,045	0,304	-0,001	0,012	0,039	FALSE
0,099	0,301	0,002	0,010	0,096	FALSE
0,114	0,308	0,003	0,010	0,130	FALSE
-0,094	0,307	-0,003	0,012	0,103	FALSE
0,127	0,304	0,005	0,010	0,189	FALSE
-0,089	0,309	-0,003	0,008	0,129	FALSE
0,168	0,304	0,006	0,011	0,222	FALSE
-0,121	0,312	-0,003	0,007	0,159	FALSE
-0,112	0,314	-0,005	0,013	0,175	FALSE
0,061	0,305	0,001	0,008	0,067	FALSE
0,018	0,307	0,000	0,012	0,002	FALSE
0,135	0,285	0,004	0,008	0,197	FALSE
-0,060	0,301	-0,001	0,007	0,065	FALSE
-0,036	0,312	-0,001	0,008	0,051	FALSE
-0,057	0,309	-0,002	0,012	0,061	FALSE
0,029	0,312	0,001	0,009	0,040	FALSE
-0,158	0,291	-0,007	0,011	0,294	FALSE
-0,070	0,289	-0,003	0,011	0,098	FALSE
-0,001	0,297	0,000	0,010	0,004	FALSE
0,011	0,310	0,001	0,010	0,019	FALSE
-0,089	0,295	-0,002	0,007	0,129	FALSE

-0,066	0,298	-0,002	0,007	0,089	FALSE
-0,078	0,304	-0,002	0,008	0,120	FALSE
0,082	0,296	0,004	0,011	0,121	FALSE
0,090	0,304	0,003	0,012	0,103	FALSE
-0,034	0,292	-0,002	0,009	0,073	FALSE
0,057	0,302	0,002	0,013	0,057	FALSE
0,098	0,302	0,003	0,008	0,125	FALSE
0,104	0,300	0,005	0,012	0,171	FALSE
0,074	0,328	0,002	0,010	0,072	FALSE
0,047	0,305	0,001	0,012	0,019	FALSE
0,054	0,292	0,000	0,011	0,009	FALSE
0,061	0,306	0,001	0,007	0,077	FALSE
0,005	0,313	0,000	0,008	0,005	FALSE
-0,068	0,306	-0,001	0,009	0,046	FALSE
0,087	0,314	0,002	0,007	0,089	FALSE
-0,063	0,308	-0,002	0,007	0,110	FALSE
0,002	0,308	0,000	0,013	0,013	FALSE
-0,108	0,300	-0,002	0,006	0,136	FALSE
0,003	0,315	0,000	0,008	0,007	FALSE
0,042	0,311	0,001	0,011	0,026	FALSE
0,015	0,305	0,000	0,007	0,001	FALSE
-0,004	0,313	0,000	0,007	0,016	FALSE
-0,112	0,296	-0,003	0,008	0,167	FALSE
0,068	0,306	0,002	0,011	0,065	FALSE
0,034	0,302	0,000	0,010	0,002	FALSE
0,055	0,286	0,003	0,009	0,111	FALSE
0,138	0,304	0,005	0,010	0,210	FALSE
0,040	0,296	0,001	0,012	0,041	FALSE
-0,054	0,317	-0,002	0,008	0,083	FALSE
-0,070	0,312	-0,002	0,007	0,108	FALSE
-0,004	0,310	0,000	0,010	0,007	FALSE
0,148	0,301	0,004	0,008	0,233	FALSE
-0,191	0,302	-0,005	0,008	0,286	FALSE
-0,056	0,313	-0,002	0,007	0,082	FALSE
0,117	0,298	0,004	0,010	0,162	FALSE
0,144	0,306	0,003	0,006	0,202	FALSE
0,121	0,300	0,004	0,009	0,171	FALSE
0,117	0,313	0,004	0,011	0,124	FALSE
0,069	0,321	0,002	0,013	0,072	FALSE
0,016	0,314	0,000	0,010	0,004	FALSE
-0,053	0,310	-0,001	0,008	0,070	FALSE
-0,055	0,307	-0,003	0,012	0,082	FALSE
0,050	0,310	0,001	0,007	0,063	FALSE
0,008	0,315	0,000	0,007	0,006	FALSE
-0,146	0,305	-0,003	0,007	0,200	FALSE
-0,049	0,313	-0,002	0,009	0,078	FALSE
-0,059	0,313	-0,002	0,009	0,084	FALSE
-0,047	0,297	-0,001	0,011	0,040	FALSE
-0,125	0,302	-0,003	0,007	0,156	FALSE
-0,106	0,306	-0,002	0,007	0,121	FALSE
-0,120	0,297	-0,002	0,007	0,149	FALSE
-0,115	0,298	-0,002	0,007	0,144	FALSE
-0,098	0,294	-0,004	0,012	0,139	FALSE

0,053	0,298	0,002	0,010	0,068	FALSE
0,075	0,297	0,001	0,007	0,076	FALSE
-0,012	0,308	0,000	0,013	0,007	FALSE
-0,077	0,312	-0,002	0,010	0,062	FALSE
-0,102	0,304	-0,004	0,012	0,125	FALSE
0,074	0,313	0,004	0,013	0,123	FALSE
0,042	0,314	0,001	0,011	0,038	FALSE
-0,166	0,301	-0,008	0,012	0,293	FALSE
-0,072	0,298	-0,004	0,011	0,137	FALSE
-0,068	0,311	-0,002	0,007	0,098	FALSE
-0,045	0,300	-0,002	0,007	0,089	FALSE
-0,025	0,289	-0,001	0,006	0,038	FALSE
0,064	0,300	0,002	0,009	0,086	FALSE
-0,124	0,310	-0,003	0,007	0,163	FALSE
0,093	0,309	0,002	0,007	0,114	FALSE
-0,036	0,303	-0,001	0,009	0,047	FALSE
-0,005	0,308	0,000	0,012	0,010	FALSE
0,016	0,306	0,000	0,006	0,011	FALSE
-0,103	0,295	-0,003	0,007	0,155	FALSE
0,085	0,299	0,003	0,010	0,099	FALSE
0,065	0,298	0,002	0,010	0,062	FALSE
-0,074	0,306	-0,003	0,013	0,100	FALSE
-0,039	0,309	0,000	0,006	0,023	FALSE
-0,003	0,308	0,000	0,007	0,005	FALSE
0,114	0,303	0,004	0,012	0,144	FALSE
0,105	0,310	0,002	0,007	0,116	FALSE
0,032	0,301	0,001	0,010	0,034	FALSE
0,056	0,309	0,002	0,013	0,049	FALSE
-0,055	0,301	-0,002	0,009	0,070	FALSE
0,156	0,288	0,006	0,013	0,193	FALSE
-0,032	0,312	-0,001	0,010	0,019	FALSE
0,034	0,318	0,001	0,012	0,026	FALSE
0,024	0,303	0,001	0,008	0,033	FALSE
-0,078	0,315	-0,002	0,010	0,082	FALSE
-0,057	0,305	-0,001	0,012	0,044	FALSE
0,028	0,317	0,001	0,009	0,036	FALSE
-0,135	0,303	-0,004	0,008	0,184	FALSE
0,054	0,314	0,002	0,010	0,090	FALSE
0,047	0,309	0,002	0,011	0,056	FALSE
0,064	0,310	0,002	0,009	0,089	FALSE
-0,080	0,323	-0,004	0,011	0,126	FALSE
0,008	0,308	0,000	0,010	0,012	FALSE
-0,061	0,307	-0,002	0,008	0,108	FALSE
0,156	0,295	0,003	0,006	0,198	FALSE
0,084	0,312	0,002	0,009	0,092	FALSE
0,018	0,313	0,000	0,008	0,010	FALSE
-0,154	0,303	-0,004	0,008	0,196	FALSE
0,174	0,299	0,004	0,007	0,273	FALSE
-0,126	0,307	-0,004	0,010	0,152	FALSE
0,046	0,295	0,001	0,007	0,046	FALSE
-0,059	0,297	-0,001	0,012	0,020	FALSE
0,051	0,308	0,001	0,007	0,060	FALSE
-0,074	0,297	-0,001	0,007	0,049	FALSE

-0,001	0,309	0,000	0,011	0,003	FALSE
0,032	0,307	0,001	0,009	0,036	FALSE
0,014	0,314	0,001	0,010	0,039	FALSE
0,018	0,310	0,001	0,012	0,024	FALSE
0,113	0,312	0,005	0,013	0,149	FALSE
-0,121	0,316	-0,003	0,007	0,164	FALSE
0,124	0,305	0,005	0,012	0,172	FALSE
-0,181	0,304	-0,005	0,008	0,243	FALSE
0,026	0,298	0,000	0,007	0,010	FALSE
-0,065	0,298	-0,002	0,011	0,068	FALSE
-0,018	0,293	0,000	0,011	0,002	FALSE
-0,026	0,308	-0,001	0,013	0,024	FALSE
-0,053	0,309	-0,002	0,009	0,072	FALSE
-0,121	0,298	-0,003	0,006	0,176	FALSE
0,038	0,308	0,001	0,012	0,036	FALSE
0,029	0,301	0,001	0,012	0,042	FALSE
0,060	0,310	0,002	0,011	0,076	FALSE
-0,011	0,303	0,000	0,007	0,005	FALSE
0,043	0,301	0,002	0,010	0,061	FALSE
-0,160	0,293	-0,004	0,007	0,226	FALSE
0,024	0,311	0,001	0,011	0,026	FALSE
-0,087	0,336	-0,003	0,011	0,103	FALSE
0,030	0,303	0,001	0,010	0,018	FALSE
-0,135	0,299	-0,005	0,010	0,197	FALSE
0,010	0,320	0,000	0,011	0,001	FALSE
0,040	0,300	0,002	0,008	0,091	FALSE
-0,083	0,304	-0,003	0,011	0,096	FALSE
0,049	0,313	0,001	0,012	0,043	FALSE
0,050	0,301	0,003	0,012	0,079	FALSE
0,065	0,299	0,001	0,007	0,073	FALSE
0,054	0,312	0,002	0,011	0,049	FALSE
-0,031	0,301	-0,001	0,010	0,056	FALSE
-0,038	0,309	-0,002	0,012	0,055	FALSE
-0,025	0,312	-0,001	0,012	0,031	FALSE
-0,045	0,310	-0,001	0,012	0,045	FALSE
-0,048	0,322	-0,001	0,008	0,055	FALSE
-0,084	0,317	-0,002	0,008	0,084	FALSE
-0,077	0,308	-0,002	0,008	0,077	FALSE
-0,080	0,296	-0,002	0,010	0,087	FALSE
-0,053	0,322	-0,001	0,009	0,045	FALSE
0,126	0,309	0,004	0,012	0,146	FALSE
0,039	0,314	0,002	0,012	0,054	FALSE
-0,167	0,301	-0,007	0,013	0,236	FALSE
-0,077	0,306	-0,001	0,007	0,077	FALSE
-0,020	0,302	-0,001	0,011	0,029	FALSE
-0,032	0,310	-0,001	0,007	0,048	FALSE
-0,031	0,331	-0,001	0,007	0,027	FALSE
0,110	0,317	0,004	0,012	0,142	FALSE
0,012	0,300	0,001	0,011	0,025	FALSE
-0,088	0,306	-0,002	0,007	0,101	FALSE
-0,102	0,313	-0,002	0,007	0,130	FALSE
0,099	0,312	0,003	0,009	0,112	FALSE
-0,007	0,304	0,000	0,009	0,013	FALSE

-0,021	0,316	-0,001	0,012	0,036	FALSE
0,138	0,301	0,004	0,009	0,165	FALSE
0,019	0,289	0,001	0,008	0,037	FALSE
-0,097	0,305	-0,003	0,008	0,143	FALSE
0,123	0,316	0,003	0,007	0,152	FALSE
-0,039	0,267	-0,002	0,009	0,068	FALSE
0,012	0,312	0,000	0,010	0,013	FALSE
-0,143	0,286	-0,005	0,010	0,211	FALSE
-0,159	0,294	-0,006	0,011	0,235	FALSE
0,051	0,314	0,002	0,010	0,067	FALSE
-0,091	0,312	-0,003	0,007	0,135	FALSE
-0,050	0,304	-0,001	0,007	0,071	FALSE
-0,126	0,313	-0,003	0,008	0,135	FALSE
-0,123	0,288	-0,003	0,007	0,158	FALSE
0,002	0,303	0,000	0,008	0,004	FALSE
-0,117	0,308	-0,003	0,009	0,135	FALSE
0,085	0,294	0,001	0,006	0,086	FALSE
0,019	0,297	0,000	0,012	0,007	FALSE
0,056	0,316	0,001	0,006	0,030	FALSE
0,041	0,315	0,001	0,006	0,031	FALSE
-0,101	0,301	-0,003	0,007	0,149	FALSE
0,077	0,305	0,001	0,007	0,069	FALSE
-0,018	0,322	-0,001	0,007	0,045	FALSE
0,065	0,301	0,002	0,008	0,080	FALSE
0,016	0,314	0,000	0,010	0,001	FALSE
-0,104	0,300	-0,003	0,011	0,103	FALSE
-0,053	0,310	-0,001	0,010	0,056	FALSE
0,039	0,299	0,000	0,008	0,003	FALSE
-0,018	0,314	-0,001	0,012	0,026	FALSE
-0,009	0,312	0,000	0,012	0,002	FALSE
-0,034	0,305	0,000	0,011	0,013	FALSE
0,063	0,306	0,002	0,007	0,092	FALSE
0,003	0,297	0,000	0,007	0,018	FALSE
0,029	0,305	0,000	0,010	0,013	FALSE
0,067	0,301	0,001	0,006	0,072	FALSE
-0,068	0,313	-0,002	0,007	0,092	FALSE
0,149	0,309	0,006	0,013	0,184	FALSE
0,178	0,300	0,007	0,012	0,259	FALSE
0,156	0,311	0,006	0,013	0,203	FALSE
0,060	0,324	0,001	0,008	0,052	FALSE
0,077	0,308	0,002	0,007	0,093	FALSE
-0,050	0,322	-0,001	0,009	0,034	FALSE
0,052	0,308	0,001	0,007	0,073	FALSE
0,036	0,301	0,001	0,006	0,066	FALSE
0,186	0,286	0,007	0,012	0,234	FALSE
-0,086	0,320	-0,002	0,011	0,087	FALSE
0,012	0,309	0,000	0,008	0,006	FALSE
0,046	0,309	0,001	0,011	0,026	FALSE
0,070	0,312	0,002	0,009	0,075	FALSE
0,084	0,296	0,003	0,009	0,120	FALSE
0,160	0,283	0,004	0,006	0,279	FALSE
-0,083	0,305	-0,001	0,006	0,075	FALSE
0,057	0,297	0,002	0,009	0,060	FALSE

-0,077	0,308	-0,002	0,007	0,116	FALSE
-0,094	0,300	-0,002	0,006	0,137	FALSE
0,000	0,314	-0,001	0,009	0,022	FALSE
0,067	0,302	0,002	0,009	0,098	FALSE
0,011	0,299	0,000	0,007	0,009	FALSE
-0,096	0,288	-0,002	0,007	0,106	FALSE
-0,072	0,308	-0,002	0,011	0,070	FALSE
0,127	0,312	0,004	0,010	0,167	FALSE
-0,198	0,293	-0,004	0,006	0,284	FALSE
0,038	0,304	0,000	0,012	0,011	FALSE
0,121	0,298	0,005	0,011	0,191	FALSE
0,025	0,306	0,001	0,008	0,029	FALSE
0,075	0,310	0,002	0,009	0,098	FALSE
0,057	0,293	0,001	0,007	0,046	FALSE
0,037	0,312	0,002	0,012	0,046	FALSE
-0,076	0,296	-0,004	0,011	0,123	FALSE
-0,052	0,307	-0,001	0,008	0,059	FALSE
0,109	0,295	0,004	0,009	0,171	FALSE
0,162	0,296	0,005	0,009	0,247	FALSE
-0,017	0,296	-0,001	0,008	0,042	FALSE
0,084	0,307	0,003	0,012	0,095	FALSE
-0,103	0,305	-0,004	0,010	0,156	FALSE
0,088	0,305	0,003	0,012	0,106	FALSE
0,041	0,317	0,001	0,011	0,046	FALSE
-0,009	0,307	0,000	0,007	0,020	FALSE
-0,020	0,303	-0,001	0,007	0,044	FALSE
0,033	0,307	0,001	0,008	0,023	FALSE
-0,116	0,317	-0,004	0,013	0,120	FALSE
-0,048	0,304	-0,001	0,008	0,057	FALSE
-0,061	0,299	-0,002	0,008	0,074	FALSE
-0,068	0,304	-0,001	0,006	0,083	FALSE
0,042	0,309	0,001	0,008	0,052	FALSE
-0,077	0,307	-0,002	0,011	0,081	FALSE
-0,049	0,302	-0,002	0,010	0,080	FALSE
0,071	0,307	0,001	0,006	0,084	FALSE
-0,084	0,305	-0,003	0,008	0,122	FALSE
-0,085	0,298	-0,002	0,007	0,105	FALSE
0,045	0,291	0,001	0,006	0,045	FALSE
-0,080	0,312	-0,003	0,013	0,095	FALSE
-0,053	0,301	-0,002	0,009	0,071	FALSE
0,042	0,302	0,001	0,010	0,030	FALSE
0,048	0,301	0,002	0,007	0,084	FALSE
0,059	0,315	0,002	0,012	0,058	FALSE
-0,112	0,288	-0,004	0,011	0,160	FALSE
-0,063	0,301	-0,003	0,011	0,099	FALSE
-0,136	0,305	-0,005	0,011	0,192	FALSE
-0,087	0,317	-0,004	0,012	0,119	FALSE
0,013	0,313	0,000	0,007	0,018	FALSE
0,032	0,315	0,001	0,011	0,043	FALSE
0,050	0,309	0,003	0,012	0,079	FALSE
0,003	0,301	0,001	0,011	0,025	FALSE
0,037	0,313	0,001	0,008	0,034	FALSE
0,027	0,301	0,001	0,006	0,041	FALSE

0,000	0,305	0,000	0,012	0,001	FALSE
0,112	0,314	0,003	0,007	0,141	FALSE
-0,094	0,295	-0,002	0,009	0,107	FALSE
-0,106	0,293	-0,004	0,012	0,133	FALSE
-0,010	0,311	-0,001	0,012	0,028	FALSE
-0,001	0,310	0,000	0,010	0,014	FALSE
-0,040	0,306	-0,002	0,008	0,079	FALSE
-0,019	0,302	0,000	0,012	0,004	FALSE
0,134	0,292	0,004	0,009	0,195	FALSE
-0,134	0,297	-0,004	0,008	0,212	FALSE
-0,019	0,328	0,000	0,008	0,001	FALSE
0,014	0,319	0,000	0,008	0,022	FALSE
-0,116	0,303	-0,003	0,011	0,129	FALSE
-0,193	0,298	-0,007	0,011	0,299	FALSE
0,061	0,281	0,003	0,009	0,149	FALSE
-0,012	0,313	0,000	0,007	0,011	FALSE
-0,109	0,293	-0,005	0,011	0,213	FALSE
0,046	0,312	0,001	0,011	0,044	FALSE
0,134	0,312	0,005	0,011	0,170	FALSE
0,035	0,305	0,001	0,012	0,038	FALSE
0,093	0,312	0,003	0,011	0,109	FALSE
-0,005	0,304	-0,001	0,012	0,018	FALSE
0,060	0,298	0,001	0,010	0,044	FALSE
0,071	0,304	0,002	0,006	0,104	FALSE
0,086	0,291	0,002	0,007	0,136	FALSE
0,093	0,297	0,003	0,012	0,098	FALSE
0,138	0,294	0,005	0,012	0,180	FALSE
0,101	0,321	0,003	0,008	0,135	FALSE
-0,024	0,304	-0,001	0,006	0,037	FALSE
0,035	0,305	0,001	0,006	0,050	FALSE
-0,060	0,290	-0,001	0,006	0,089	FALSE
0,004	0,319	-0,001	0,013	0,026	FALSE
0,047	0,320	0,001	0,008	0,065	FALSE
-0,003	0,307	0,000	0,008	0,002	FALSE
0,055	0,302	0,003	0,011	0,094	FALSE
-0,053	0,304	-0,002	0,007	0,088	FALSE
0,049	0,311	0,001	0,007	0,053	FALSE
0,054	0,305	0,003	0,011	0,104	FALSE
-0,142	0,303	-0,004	0,007	0,207	FALSE
-0,085	0,312	-0,003	0,009	0,152	FALSE
-0,077	0,303	-0,002	0,012	0,069	FALSE
-0,057	0,300	-0,002	0,012	0,047	FALSE
-0,099	0,294	-0,003	0,011	0,114	FALSE
-0,045	0,304	-0,001	0,012	0,042	FALSE
0,102	0,313	0,004	0,012	0,131	FALSE
0,026	0,317	0,002	0,009	0,069	FALSE
-0,134	0,302	-0,003	0,007	0,151	FALSE
-0,116	0,306	-0,004	0,012	0,123	FALSE
0,126	0,317	0,005	0,013	0,144	FALSE
0,054	0,310	0,002	0,012	0,078	FALSE
-0,143	0,307	-0,006	0,013	0,196	FALSE
0,035	0,320	0,001	0,012	0,039	FALSE
0,015	0,301	0,001	0,009	0,022	FALSE

-0,048	0,315	-0,001	0,009	0,048	FALSE
-0,034	0,314	-0,001	0,011	0,024	FALSE
0,045	0,310	0,002	0,009	0,066	FALSE
0,078	0,308	0,003	0,009	0,121	FALSE
0,070	0,324	0,001	0,007	0,055	FALSE
0,050	0,306	0,001	0,007	0,072	FALSE
-0,063	0,311	-0,003	0,009	0,120	FALSE
-0,161	0,301	-0,005	0,010	0,225	FALSE
0,125	0,307	0,003	0,006	0,186	FALSE
-0,186	0,304	-0,006	0,010	0,250	FALSE
-0,089	0,302	-0,004	0,010	0,152	FALSE
0,051	0,314	0,002	0,011	0,057	FALSE
-0,014	0,299	-0,001	0,012	0,023	FALSE
0,083	0,323	0,002	0,008	0,098	FALSE
0,008	0,306	0,001	0,012	0,022	FALSE
-0,095	0,307	-0,003	0,011	0,120	FALSE
-0,040	0,317	-0,001	0,008	0,039	FALSE
0,082	0,314	0,002	0,009	0,089	FALSE
0,065	0,308	0,002	0,010	0,068	FALSE
-0,018	0,314	0,000	0,008	0,007	FALSE
0,076	0,297	0,003	0,008	0,135	FALSE
0,028	0,313	0,001	0,012	0,034	FALSE
0,044	0,300	0,002	0,012	0,066	FALSE
0,050	0,306	0,001	0,007	0,073	FALSE
-0,152	0,310	-0,003	0,006	0,203	FALSE
-0,107	0,305	-0,002	0,007	0,128	FALSE
0,037	0,308	0,001	0,006	0,049	FALSE
0,029	0,311	0,001	0,009	0,033	FALSE
-0,017	0,292	0,000	0,008	0,008	FALSE
0,085	0,308	0,002	0,012	0,078	FALSE
0,091	0,304	0,003	0,012	0,096	FALSE
0,001	0,300	0,000	0,008	0,008	FALSE
0,071	0,316	0,002	0,007	0,099	FALSE
-0,009	0,304	0,000	0,008	0,019	FALSE
-0,017	0,298	-0,001	0,008	0,037	FALSE
0,112	0,298	0,003	0,008	0,169	FALSE
-0,014	0,296	-0,001	0,008	0,030	FALSE
-0,056	0,311	-0,001	0,008	0,055	FALSE
-0,047	0,317	-0,001	0,008	0,041	FALSE
0,064	0,306	0,004	0,012	0,117	FALSE
-0,001	0,310	0,000	0,009	0,000	FALSE
0,050	0,323	0,002	0,012	0,050	FALSE
-0,065	0,303	-0,001	0,008	0,071	FALSE
-0,002	0,302	0,000	0,008	0,013	FALSE
0,078	0,294	0,003	0,011	0,123	FALSE
-0,060	0,296	-0,002	0,011	0,074	FALSE
-0,109	0,303	-0,003	0,007	0,156	FALSE
-0,050	0,306	-0,003	0,013	0,085	FALSE
0,108	0,306	0,004	0,011	0,151	FALSE
-0,061	0,312	-0,001	0,008	0,061	FALSE
-0,053	0,298	-0,002	0,009	0,089	FALSE
0,075	0,304	0,002	0,008	0,093	FALSE
-0,031	0,302	-0,001	0,008	0,056	FALSE

0,095	0,296	0,002	0,011	0,071	FALSE
-0,035	0,298	-0,001	0,012	0,041	FALSE
0,023	0,297	0,000	0,007	0,019	FALSE
-0,034	0,315	0,000	0,007	0,022	FALSE
0,059	0,287	0,004	0,012	0,127	FALSE
-0,040	0,306	-0,001	0,007	0,034	FALSE
0,027	0,286	0,002	0,011	0,079	FALSE
0,047	0,308	0,003	0,012	0,088	FALSE
-0,020	0,319	0,000	0,012	0,008	FALSE
0,001	0,311	0,000	0,012	0,004	FALSE
0,150	0,291	0,004	0,008	0,232	FALSE
0,013	0,301	0,000	0,006	0,027	FALSE
-0,002	0,301	-0,001	0,012	0,018	FALSE
0,065	0,306	0,001	0,008	0,063	FALSE
0,080	0,311	0,002	0,008	0,083	FALSE
0,071	0,321	0,002	0,009	0,073	FALSE
-0,144	0,302	-0,005	0,011	0,211	FALSE
0,026	0,313	0,001	0,008	0,027	FALSE
0,018	0,306	0,001	0,006	0,063	FALSE
0,097	0,318	0,003	0,013	0,106	FALSE
-0,017	0,309	0,000	0,007	0,026	FALSE
0,096	0,309	0,003	0,009	0,112	FALSE
0,020	0,308	0,000	0,010	0,014	FALSE
0,056	0,304	0,002	0,008	0,127	FALSE
-0,003	0,304	0,000	0,008	0,005	FALSE
-0,044	0,289	-0,002	0,009	0,100	FALSE
0,072	0,304	0,002	0,011	0,083	FALSE
-0,032	0,303	-0,001	0,006	0,047	FALSE
0,034	0,308	0,002	0,013	0,051	FALSE
0,044	0,300	0,002	0,012	0,068	FALSE
-0,033	0,307	0,000	0,010	0,011	FALSE
0,031	0,308	0,002	0,012	0,046	FALSE
-0,057	0,307	-0,002	0,007	0,091	FALSE
-0,023	0,317	-0,001	0,008	0,054	FALSE
-0,048	0,308	-0,001	0,011	0,034	FALSE
0,062	0,314	0,002	0,012	0,066	FALSE
-0,020	0,312	-0,001	0,012	0,022	FALSE
-0,001	0,322	0,000	0,008	0,007	FALSE
0,076	0,301	0,003	0,012	0,078	FALSE
-0,089	0,294	-0,002	0,006	0,112	FALSE
-0,068	0,309	-0,001	0,007	0,070	FALSE
0,082	0,308	0,001	0,010	0,047	FALSE
0,094	0,295	0,001	0,009	0,061	FALSE
-0,135	0,309	-0,003	0,007	0,153	FALSE
0,038	0,306	0,002	0,009	0,074	FALSE
0,013	0,310	0,000	0,008	0,003	FALSE
0,107	0,308	0,002	0,006	0,099	FALSE
0,086	0,308	0,002	0,007	0,089	FALSE
0,086	0,308	0,001	0,007	0,083	FALSE
-0,170	0,288	-0,003	0,006	0,212	FALSE
0,047	0,315	0,001	0,008	0,026	FALSE
0,058	0,314	0,002	0,007	0,077	FALSE
0,126	0,300	0,003	0,007	0,176	FALSE

0,098	0,325	0,004	0,011	0,150	FALSE
-0,044	0,318	-0,001	0,009	0,063	FALSE
0,123	0,303	0,003	0,007	0,167	FALSE
0,060	0,314	0,002	0,010	0,056	FALSE
0,059	0,304	0,002	0,010	0,064	FALSE
0,058	0,309	0,002	0,009	0,061	FALSE
-0,008	0,327	0,000	0,013	0,007	FALSE
0,048	0,317	0,001	0,007	0,068	FALSE
0,064	0,307	0,002	0,007	0,097	FALSE
0,039	0,307	0,001	0,011	0,016	FALSE
0,003	0,317	-0,001	0,008	0,034	FALSE
-0,133	0,295	-0,004	0,009	0,197	FALSE
0,133	0,303	0,005	0,009	0,205	FALSE
-0,147	0,302	-0,005	0,011	0,167	FALSE
0,046	0,304	0,000	0,008	0,021	FALSE
0,079	0,310	0,002	0,010	0,084	FALSE
0,111	0,303	0,003	0,008	0,156	FALSE
0,102	0,299	0,004	0,008	0,195	FALSE
0,124	0,273	0,004	0,009	0,179	FALSE
-0,014	0,303	-0,001	0,009	0,036	FALSE
0,078	0,312	0,002	0,007	0,082	FALSE
0,057	0,300	0,001	0,007	0,039	FALSE
-0,109	0,309	-0,003	0,008	0,161	FALSE
0,125	0,310	0,002	0,006	0,148	FALSE
0,033	0,306	0,000	0,007	0,006	FALSE
0,014	0,306	0,001	0,009	0,052	FALSE
-0,071	0,298	-0,003	0,012	0,103	FALSE
0,063	0,293	0,001	0,006	0,054	FALSE
0,148	0,296	0,004	0,008	0,247	FALSE
-0,031	0,316	-0,001	0,012	0,027	FALSE
0,110	0,300	0,003	0,007	0,158	FALSE
0,124	0,309	0,005	0,011	0,170	FALSE
-0,098	0,312	-0,002	0,007	0,125	FALSE
-0,049	0,309	-0,001	0,006	0,074	FALSE
0,145	0,305	0,006	0,011	0,212	FALSE
-0,067	0,304	-0,002	0,007	0,093	FALSE
-0,060	0,307	-0,002	0,012	0,078	FALSE
-0,114	0,309	-0,002	0,007	0,136	FALSE
-0,022	0,318	-0,001	0,009	0,036	FALSE
0,095	0,298	0,003	0,008	0,147	FALSE
0,008	0,311	0,001	0,008	0,031	FALSE
0,209	0,297	0,008	0,012	0,302	FALSE
0,085	0,313	0,003	0,012	0,100	FALSE
0,089	0,314	0,004	0,013	0,123	FALSE
-0,040	0,297	0,000	0,006	0,019	FALSE
0,011	0,332	0,000	0,007	0,019	FALSE
-0,100	0,313	-0,003	0,008	0,148	FALSE
0,061	0,307	0,003	0,012	0,085	FALSE
0,021	0,313	0,001	0,010	0,024	FALSE
-0,118	0,306	-0,003	0,008	0,152	FALSE
0,118	0,294	0,003	0,009	0,142	FALSE
-0,059	0,312	-0,001	0,007	0,057	FALSE
0,051	0,300	0,001	0,007	0,051	FALSE

-0,071	0,301	-0,003	0,012	0,082	FALSE
-0,078	0,306	-0,003	0,013	0,081	FALSE
-0,080	0,304	-0,002	0,012	0,077	FALSE
0,024	0,324	0,001	0,008	0,037	FALSE
-0,072	0,323	-0,002	0,012	0,078	FALSE
-0,030	0,304	-0,001	0,007	0,061	FALSE
0,022	0,325	0,001	0,007	0,052	FALSE
0,109	0,307	0,003	0,009	0,118	FALSE
0,180	0,306	0,007	0,013	0,233	FALSE
0,061	0,295	0,002	0,007	0,080	FALSE
0,051	0,307	0,001	0,007	0,044	FALSE
-0,086	0,306	-0,004	0,011	0,140	FALSE
-0,112	0,298	-0,002	0,006	0,146	FALSE
0,058	0,304	0,001	0,007	0,068	FALSE
0,044	0,306	0,001	0,008	0,034	FALSE
0,060	0,306	0,002	0,009	0,097	FALSE
-0,172	0,308	-0,007	0,012	0,232	FALSE
-0,042	0,321	-0,001	0,009	0,045	FALSE
0,031	0,299	0,002	0,013	0,051	FALSE
0,139	0,304	0,004	0,007	0,214	FALSE
0,072	0,308	0,003	0,011	0,095	FALSE
-0,033	0,307	-0,001	0,009	0,049	FALSE
-0,127	0,313	-0,003	0,008	0,144	FALSE
0,101	0,306	0,002	0,007	0,120	FALSE
0,025	0,314	0,001	0,006	0,031	FALSE
0,015	0,339	0,000	0,008	0,016	FALSE
0,007	0,316	0,001	0,010	0,023	FALSE
-0,034	0,313	-0,001	0,011	0,025	FALSE
0,078	0,292	0,003	0,011	0,110	FALSE
0,032	0,300	0,001	0,012	0,035	FALSE
0,022	0,315	0,001	0,010	0,028	FALSE
-0,016	0,322	0,000	0,009	0,017	FALSE
0,002	0,313	0,000	0,009	0,011	FALSE
-0,007	0,299	-0,001	0,006	0,029	FALSE
-0,069	0,292	-0,002	0,010	0,090	FALSE
0,162	0,305	0,003	0,006	0,230	FALSE
0,061	0,293	0,001	0,006	0,078	FALSE
0,046	0,309	0,001	0,009	0,060	FALSE
0,045	0,304	0,001	0,012	0,038	FALSE
0,073	0,310	0,002	0,007	0,118	FALSE
-0,068	0,310	-0,003	0,013	0,098	FALSE
-0,093	0,305	-0,004	0,012	0,141	FALSE
0,187	0,298	0,006	0,010	0,292	FALSE
0,180	0,297	0,005	0,009	0,255	FALSE
-0,008	0,312	0,000	0,006	0,022	FALSE
-0,031	0,301	-0,001	0,006	0,077	FALSE
-0,023	0,307	-0,001	0,008	0,034	FALSE
-0,015	0,307	0,000	0,009	0,012	FALSE
-0,060	0,317	-0,002	0,012	0,053	FALSE
-0,118	0,310	-0,003	0,008	0,140	FALSE
-0,124	0,318	-0,005	0,013	0,148	FALSE
0,060	0,300	0,001	0,007	0,068	FALSE
-0,162	0,297	-0,006	0,010	0,264	FALSE

-0,048	0,300	-0,001	0,012	0,043	FALSE
-0,195	0,293	-0,007	0,010	0,322	FALSE
-0,017	0,305	0,000	0,011	0,002	FALSE
-0,059	0,312	-0,002	0,012	0,058	FALSE
0,005	0,316	0,000	0,012	0,002	FALSE
-0,022	0,323	0,000	0,008	0,019	FALSE
-0,006	0,307	0,001	0,012	0,034	FALSE
0,064	0,317	0,003	0,012	0,085	FALSE
0,055	0,314	0,002	0,012	0,073	FALSE
0,044	0,304	0,002	0,010	0,069	FALSE
0,090	0,323	0,004	0,013	0,118	FALSE
-0,151	0,303	-0,004	0,008	0,197	FALSE
-0,073	0,309	-0,002	0,012	0,076	FALSE
-0,138	0,315	-0,003	0,006	0,199	FALSE
-0,016	0,303	-0,001	0,010	0,023	FALSE
0,028	0,315	0,001	0,013	0,022	FALSE
0,032	0,316	0,002	0,012	0,047	FALSE
0,044	0,311	0,001	0,011	0,046	FALSE
0,140	0,300	0,003	0,006	0,214	FALSE
0,062	0,303	0,002	0,012	0,058	FALSE
0,023	0,306	0,000	0,007	0,014	FALSE
-0,161	0,305	-0,003	0,007	0,201	FALSE
-0,048	0,305	-0,002	0,008	0,099	FALSE
0,000	0,300	0,000	0,012	0,002	FALSE
0,005	0,307	0,001	0,012	0,040	FALSE
-0,001	0,327	0,001	0,010	0,020	FALSE
-0,075	0,298	-0,003	0,009	0,108	FALSE
0,027	0,304	0,001	0,010	0,022	FALSE
-0,138	0,308	-0,002	0,006	0,161	FALSE
-0,173	0,282	-0,005	0,009	0,240	FALSE
-0,094	0,310	-0,002	0,007	0,127	FALSE
-0,088	0,303	-0,003	0,008	0,132	FALSE
-0,082	0,316	-0,002	0,008	0,116	FALSE
-0,061	0,306	-0,002	0,011	0,080	FALSE
-0,046	0,314	-0,002	0,013	0,062	FALSE
-0,147	0,317	-0,003	0,007	0,189	FALSE
-0,104	0,297	-0,004	0,012	0,146	FALSE
-0,021	0,307	-0,001	0,008	0,035	FALSE
0,004	0,300	0,000	0,010	0,005	FALSE
0,081	0,300	0,003	0,007	0,162	FALSE
0,113	0,303	0,004	0,007	0,222	FALSE
0,031	0,297	0,002	0,012	0,054	FALSE
-0,041	0,301	-0,001	0,007	0,061	FALSE
0,100	0,315	0,002	0,008	0,098	FALSE
0,028	0,311	0,002	0,013	0,045	FALSE
0,104	0,300	0,002	0,006	0,119	FALSE
-0,051	0,297	-0,001	0,007	0,038	FALSE
-0,056	0,297	-0,003	0,012	0,083	FALSE
-0,030	0,307	0,000	0,007	0,015	FALSE
0,024	0,321	0,002	0,012	0,053	FALSE
0,122	0,313	0,005	0,012	0,157	FALSE
0,119	0,304	0,005	0,012	0,150	FALSE
-0,096	0,311	-0,005	0,013	0,151	FALSE

-0,026	0,298	0,000	0,007	0,018	FALSE
0,054	0,308	0,002	0,012	0,068	FALSE
-0,036	0,308	-0,001	0,007	0,039	FALSE
-0,027	0,298	-0,001	0,007	0,035	FALSE
-0,028	0,300	0,000	0,006	0,029	FALSE
0,045	0,304	0,002	0,008	0,084	FALSE
0,017	0,308	0,000	0,007	0,011	FALSE
0,057	0,302	0,001	0,007	0,029	FALSE
0,009	0,302	0,000	0,007	0,025	FALSE
0,120	0,289	0,003	0,007	0,161	FALSE
-0,005	0,310	0,000	0,012	0,014	FALSE
-0,059	0,307	-0,002	0,011	0,069	FALSE
-0,069	0,300	-0,002	0,008	0,086	FALSE
-0,033	0,290	-0,001	0,008	0,049	FALSE
-0,006	0,294	0,000	0,009	0,007	FALSE
0,080	0,319	0,002	0,006	0,104	FALSE
-0,012	0,304	0,000	0,007	0,021	FALSE
0,049	0,309	0,002	0,012	0,062	FALSE
0,023	0,313	0,000	0,007	0,002	FALSE
0,096	0,317	0,004	0,012	0,131	FALSE
-0,076	0,303	-0,003	0,012	0,080	FALSE
-0,173	0,312	-0,006	0,010	0,232	FALSE
-0,138	0,302	-0,005	0,010	0,192	FALSE
0,015	0,304	0,001	0,008	0,024	FALSE
0,024	0,312	0,001	0,009	0,022	FALSE
-0,114	0,310	-0,002	0,007	0,119	FALSE
-0,026	0,299	0,000	0,006	0,004	FALSE
-0,054	0,306	-0,002	0,008	0,076	FALSE
0,061	0,310	0,001	0,008	0,058	FALSE
0,127	0,303	0,003	0,008	0,166	FALSE
0,095	0,312	0,002	0,008	0,096	FALSE
0,047	0,310	0,001	0,009	0,057	FALSE
0,050	0,301	0,001	0,008	0,060	FALSE
0,060	0,306	0,000	0,006	0,029	FALSE
0,097	0,293	0,003	0,008	0,121	FALSE
-0,009	0,308	-0,001	0,009	0,030	FALSE
-0,019	0,314	-0,001	0,009	0,056	FALSE
-0,014	0,312	0,000	0,009	0,015	FALSE
0,023	0,318	0,000	0,008	0,019	FALSE
-0,015	0,296	0,000	0,010	0,009	FALSE
0,070	0,327	0,002	0,011	0,077	FALSE
-0,138	0,297	-0,007	0,013	0,234	FALSE
0,011	0,311	0,000	0,007	0,003	FALSE
0,045	0,309	0,001	0,012	0,036	FALSE
0,037	0,315	0,001	0,008	0,056	FALSE
-0,022	0,315	-0,001	0,009	0,032	FALSE
0,073	0,314	0,002	0,007	0,099	FALSE
0,071	0,317	0,002	0,007	0,104	FALSE
0,050	0,298	0,001	0,006	0,075	FALSE
0,094	0,306	0,004	0,012	0,131	FALSE
0,056	0,306	0,003	0,010	0,120	FALSE
0,074	0,306	0,002	0,008	0,096	FALSE
0,091	0,276	0,005	0,009	0,210	FALSE

-0,014	0,294	0,001	0,011	0,047	FALSE
-0,026	0,307	0,001	0,011	0,017	FALSE
0,061	0,295	0,001	0,008	0,067	FALSE
-0,026	0,309	-0,002	0,012	0,057	FALSE
0,013	0,295	0,001	0,011	0,027	FALSE
0,096	0,299	0,002	0,007	0,097	FALSE
0,071	0,308	0,005	0,013	0,142	FALSE
0,077	0,308	0,004	0,012	0,145	FALSE
0,002	0,309	0,001	0,009	0,037	FALSE
0,014	0,309	0,002	0,011	0,064	FALSE
-0,068	0,312	-0,002	0,008	0,092	FALSE
0,059	0,310	0,002	0,012	0,074	FALSE
0,055	0,311	0,002	0,012	0,064	FALSE
0,019	0,290	0,001	0,008	0,033	FALSE
0,043	0,310	0,002	0,012	0,069	FALSE
-0,015	0,316	-0,001	0,012	0,023	FALSE
-0,051	0,318	-0,001	0,010	0,047	FALSE
0,075	0,305	0,002	0,010	0,084	FALSE
0,112	0,301	0,004	0,011	0,140	FALSE
-0,108	0,301	-0,003	0,010	0,135	FALSE
0,096	0,302	0,002	0,009	0,090	FALSE
-0,191	0,304	-0,007	0,012	0,271	FALSE
0,147	0,296	0,003	0,006	0,219	FALSE
-0,115	0,320	-0,003	0,007	0,147	FALSE
0,052	0,282	0,003	0,010	0,125	FALSE
0,027	0,297	0,001	0,010	0,022	FALSE
0,077	0,297	0,003	0,009	0,130	FALSE
0,007	0,302	0,001	0,007	0,028	FALSE
-0,087	0,295	-0,002	0,007	0,124	FALSE
-0,039	0,307	-0,001	0,007	0,041	FALSE
0,050	0,287	0,002	0,007	0,098	FALSE
0,038	0,302	0,001	0,006	0,064	FALSE
-0,005	0,320	0,000	0,011	0,006	FALSE
-0,011	0,300	0,000	0,007	0,020	FALSE
-0,052	0,315	-0,002	0,012	0,075	FALSE
-0,070	0,316	-0,002	0,011	0,081	FALSE
0,107	0,305	0,003	0,006	0,165	FALSE
-0,108	0,302	-0,003	0,007	0,163	FALSE
0,036	0,309	0,002	0,011	0,075	FALSE
0,036	0,315	0,002	0,010	0,070	FALSE
0,016	0,295	0,001	0,010	0,047	FALSE
-0,001	0,305	0,001	0,010	0,036	FALSE
0,020	0,314	0,002	0,010	0,055	FALSE
0,065	0,311	0,003	0,010	0,133	FALSE
-0,021	0,319	-0,001	0,008	0,038	FALSE
0,028	0,324	0,000	0,008	0,018	FALSE
-0,011	0,290	-0,001	0,008	0,038	FALSE
0,053	0,310	0,001	0,006	0,050	FALSE
0,065	0,296	0,001	0,008	0,048	FALSE
0,090	0,301	0,002	0,008	0,129	FALSE
-0,024	0,305	-0,002	0,013	0,064	FALSE
0,064	0,302	0,002	0,011	0,063	FALSE
0,096	0,302	0,003	0,011	0,104	FALSE

0,114	0,318	0,002	0,008	0,118	FALSE
0,048	0,295	0,001	0,012	0,032	FALSE
0,126	0,289	0,003	0,007	0,180	FALSE
-0,008	0,320	0,000	0,008	0,002	FALSE
-0,118	0,302	-0,004	0,010	0,169	FALSE
0,060	0,308	0,001	0,009	0,057	FALSE
0,152	0,297	0,003	0,008	0,185	FALSE
0,190	0,307	0,005	0,009	0,274	FALSE
-0,040	0,289	-0,002	0,010	0,056	FALSE
-0,002	0,301	0,000	0,010	0,000	FALSE
0,005	0,301	0,000	0,009	0,013	FALSE
-0,064	0,292	-0,002	0,011	0,069	FALSE
-0,041	0,296	-0,001	0,009	0,033	FALSE
0,069	0,301	0,002	0,007	0,122	FALSE
0,013	0,317	0,000	0,007	0,021	FALSE
0,059	0,300	0,002	0,009	0,081	FALSE
0,112	0,325	0,004	0,011	0,151	FALSE
-0,020	0,296	0,000	0,010	0,016	FALSE
-0,063	0,316	-0,002	0,008	0,077	FALSE
-0,069	0,303	-0,002	0,008	0,101	FALSE
-0,074	0,315	-0,003	0,012	0,088	FALSE
0,096	0,301	0,005	0,012	0,166	FALSE
0,062	0,304	0,002	0,012	0,067	FALSE
0,146	0,306	0,005	0,013	0,174	FALSE
0,013	0,311	0,000	0,007	0,013	FALSE
0,039	0,311	0,001	0,008	0,052	FALSE
-0,014	0,309	0,000	0,006	0,021	FALSE
0,043	0,300	0,001	0,012	0,031	FALSE
0,082	0,305	0,002	0,008	0,106	FALSE
-0,141	0,299	-0,006	0,012	0,211	FALSE
0,013	0,315	0,000	0,008	0,005	FALSE
0,223	0,288	0,009	0,011	0,347	FALSE
0,014	0,314	0,001	0,007	0,029	FALSE
0,020	0,301	0,001	0,006	0,041	FALSE
-0,072	0,310	-0,004	0,010	0,139	FALSE
-0,034	0,303	-0,002	0,012	0,066	FALSE
-0,090	0,301	-0,003	0,010	0,106	FALSE
-0,107	0,311	-0,005	0,011	0,175	FALSE
-0,065	0,301	-0,003	0,010	0,115	FALSE
-0,077	0,308	-0,002	0,009	0,091	FALSE
-0,052	0,311	-0,002	0,010	0,082	FALSE
-0,081	0,312	-0,004	0,012	0,128	FALSE
-0,066	0,298	-0,004	0,011	0,126	FALSE
0,020	0,311	0,000	0,007	0,005	FALSE
0,037	0,305	0,000	0,010	0,018	FALSE
-0,041	0,307	-0,004	0,013	0,108	FALSE
0,085	0,284	0,001	0,007	0,073	FALSE
-0,075	0,305	-0,001	0,006	0,078	FALSE
0,220	0,296	0,008	0,012	0,305	FALSE
0,107	0,305	0,003	0,006	0,168	FALSE
0,032	0,310	0,001	0,007	0,040	FALSE
-0,121	0,296	-0,003	0,008	0,156	FALSE
-0,181	0,302	-0,005	0,008	0,254	FALSE

0,011	0,316	0,001	0,006	0,035	FALSE
0,027	0,298	0,000	0,007	0,016	FALSE
-0,075	0,308	-0,004	0,011	0,129	FALSE
0,118	0,308	0,005	0,012	0,176	FALSE
-0,043	0,321	-0,001	0,007	0,049	FALSE
-0,089	0,313	-0,003	0,010	0,120	FALSE
-0,026	0,296	-0,001	0,009	0,043	FALSE
-0,010	0,290	-0,001	0,009	0,035	FALSE
-0,019	0,299	-0,001	0,012	0,025	FALSE
-0,139	0,292	-0,004	0,008	0,233	FALSE
-0,136	0,301	-0,005	0,010	0,211	FALSE
-0,017	0,310	-0,001	0,010	0,024	FALSE
0,157	0,302	0,008	0,012	0,281	FALSE
0,003	0,310	0,001	0,009	0,029	FALSE
0,034	0,294	0,001	0,007	0,044	FALSE
0,066	0,302	0,002	0,008	0,089	FALSE
-0,017	0,315	-0,001	0,008	0,040	FALSE
0,066	0,308	0,001	0,011	0,043	FALSE
0,060	0,295	0,002	0,009	0,079	FALSE
-0,101	0,301	-0,004	0,011	0,141	FALSE
0,036	0,304	0,001	0,008	0,036	FALSE
0,038	0,296	0,001	0,008	0,037	FALSE
-0,095	0,306	-0,002	0,007	0,137	FALSE
0,011	0,298	0,000	0,010	0,007	FALSE
-0,135	0,316	-0,003	0,008	0,168	FALSE
0,085	0,291	0,003	0,007	0,158	FALSE
-0,001	0,322	0,000	0,013	0,006	FALSE
0,009	0,297	0,000	0,007	0,018	FALSE
0,111	0,298	0,004	0,010	0,147	FALSE
-0,104	0,317	-0,004	0,011	0,159	FALSE
0,037	0,309	0,001	0,008	0,035	FALSE
-0,048	0,311	-0,002	0,013	0,046	FALSE
-0,068	0,314	-0,003	0,012	0,081	FALSE
-0,038	0,307	-0,001	0,013	0,031	FALSE
-0,040	0,327	-0,001	0,009	0,041	FALSE
0,174	0,298	0,004	0,006	0,287	FALSE
0,136	0,297	0,003	0,007	0,172	FALSE
0,032	0,300	0,001	0,006	0,051	FALSE
-0,005	0,309	0,001	0,007	0,025	FALSE
-0,032	0,302	-0,001	0,013	0,026	FALSE
0,056	0,311	0,001	0,007	0,069	FALSE
0,050	0,310	0,001	0,007	0,062	FALSE
0,082	0,308	0,002	0,009	0,108	FALSE
0,062	0,300	0,002	0,007	0,104	FALSE
0,028	0,317	0,001	0,011	0,040	FALSE
0,066	0,315	0,003	0,011	0,085	FALSE
-0,110	0,303	-0,003	0,009	0,126	FALSE
-0,097	0,306	-0,003	0,010	0,115	FALSE
0,034	0,304	0,002	0,011	0,060	FALSE
-0,102	0,299	-0,002	0,008	0,108	FALSE
-0,222	0,278	-0,006	0,008	0,363	FALSE
-0,061	0,304	-0,001	0,011	0,040	FALSE
0,027	0,297	0,001	0,010	0,052	FALSE

0,015	0,311	0,001	0,010	0,036	FALSE
0,009	0,311	0,001	0,010	0,023	FALSE
0,035	0,296	0,001	0,007	0,067	FALSE
0,010	0,313	0,000	0,010	0,003	FALSE
0,032	0,310	0,001	0,009	0,036	FALSE
-0,045	0,304	-0,001	0,011	0,018	FALSE
-0,052	0,303	-0,001	0,012	0,022	FALSE
0,069	0,306	0,002	0,011	0,066	FALSE
0,049	0,309	0,002	0,012	0,048	FALSE
0,106	0,307	0,003	0,008	0,128	FALSE
0,083	0,318	0,001	0,006	0,053	FALSE
-0,098	0,301	-0,003	0,009	0,120	FALSE
-0,031	0,329	-0,001	0,009	0,034	FALSE
-0,186	0,288	-0,005	0,008	0,301	FALSE
-0,040	0,310	0,000	0,006	0,023	FALSE
-0,129	0,312	-0,003	0,007	0,194	FALSE
-0,040	0,292	-0,002	0,012	0,056	FALSE
-0,042	0,290	-0,002	0,012	0,053	FALSE
-0,050	0,293	-0,002	0,012	0,065	FALSE
0,040	0,312	0,001	0,011	0,041	FALSE
0,069	0,303	0,003	0,010	0,110	FALSE
-0,007	0,304	-0,001	0,012	0,034	FALSE
0,108	0,311	0,002	0,007	0,124	FALSE
0,025	0,325	0,000	0,007	0,004	FALSE
-0,180	0,300	-0,004	0,008	0,220	FALSE
-0,048	0,305	-0,002	0,007	0,090	FALSE
-0,032	0,301	-0,002	0,013	0,057	FALSE
-0,203	0,299	-0,005	0,008	0,310	FALSE
-0,188	0,304	-0,004	0,007	0,290	FALSE
0,049	0,314	0,001	0,008	0,023	FALSE
0,073	0,320	0,001	0,009	0,054	FALSE
-0,006	0,309	0,000	0,009	0,008	FALSE
-0,085	0,311	-0,003	0,011	0,097	FALSE
-0,054	0,307	-0,001	0,007	0,063	FALSE
-0,056	0,302	-0,002	0,010	0,076	FALSE
0,057	0,299	0,001	0,006	0,064	FALSE
-0,015	0,315	0,000	0,007	0,007	FALSE
0,005	0,304	0,000	0,008	0,011	FALSE
0,046	0,313	0,001	0,006	0,050	FALSE
-0,096	0,310	-0,003	0,010	0,122	FALSE
-0,046	0,310	-0,001	0,008	0,052	FALSE
-0,011	0,307	0,000	0,006	0,007	FALSE
0,026	0,302	0,001	0,009	0,031	FALSE
-0,011	0,295	-0,001	0,006	0,041	FALSE
0,097	0,289	0,003	0,008	0,155	FALSE
0,017	0,306	0,001	0,010	0,022	FALSE
-0,112	0,292	-0,005	0,012	0,173	FALSE
0,144	0,294	0,003	0,007	0,187	FALSE
0,076	0,301	0,002	0,008	0,113	FALSE
-0,046	0,312	-0,001	0,008	0,045	FALSE
-0,015	0,313	0,000	0,006	0,010	FALSE
-0,028	0,291	-0,001	0,009	0,055	FALSE
0,018	0,311	0,001	0,007	0,029	FALSE

-0,131	0,308	-0,004	0,008	0,228	FALSE
0,079	0,304	0,003	0,012	0,083	FALSE
-0,067	0,314	-0,002	0,008	0,106	FALSE
-0,023	0,316	-0,001	0,009	0,045	FALSE
0,081	0,323	0,002	0,011	0,066	FALSE
0,011	0,312	-0,001	0,012	0,030	FALSE
-0,048	0,316	-0,002	0,008	0,092	FALSE
0,002	0,311	-0,001	0,012	0,023	FALSE
-0,071	0,300	-0,002	0,008	0,118	FALSE
-0,091	0,311	-0,002	0,008	0,128	FALSE
0,103	0,304	0,003	0,007	0,148	FALSE
0,035	0,308	0,000	0,009	0,001	FALSE
-0,095	0,303	-0,002	0,008	0,117	FALSE
0,112	0,295	0,004	0,012	0,149	FALSE
-0,083	0,302	-0,002	0,010	0,092	FALSE
-0,074	0,304	-0,002	0,010	0,082	FALSE
0,038	0,309	0,001	0,009	0,056	FALSE
0,117	0,299	0,005	0,011	0,182	FALSE
0,079	0,304	0,002	0,007	0,091	FALSE
0,003	0,302	0,000	0,012	0,000	FALSE
-0,052	0,302	-0,001	0,008	0,054	FALSE
0,029	0,308	0,001	0,012	0,026	FALSE
0,034	0,307	0,001	0,011	0,038	FALSE
0,054	0,315	0,002	0,010	0,085	FALSE
-0,057	0,317	-0,002	0,013	0,068	FALSE
0,001	0,309	0,000	0,006	0,008	FALSE
0,092	0,316	0,003	0,012	0,102	FALSE
0,166	0,293	0,009	0,012	0,324	FALSE
0,028	0,304	0,000	0,011	0,000	FALSE
-0,023	0,306	-0,001	0,010	0,036	FALSE
-0,128	0,301	-0,004	0,012	0,134	FALSE
-0,027	0,317	-0,001	0,010	0,021	FALSE
0,055	0,311	0,001	0,009	0,046	FALSE
0,073	0,295	0,003	0,007	0,164	FALSE
0,069	0,289	0,003	0,007	0,158	FALSE
0,062	0,320	0,001	0,008	0,069	FALSE
-0,002	0,303	-0,001	0,013	0,021	FALSE
-0,041	0,312	-0,001	0,009	0,038	FALSE
0,123	0,301	0,004	0,012	0,142	FALSE
-0,008	0,318	0,000	0,008	0,008	FALSE
-0,013	0,314	0,000	0,010	0,012	FALSE
0,036	0,317	0,002	0,012	0,059	FALSE
-0,009	0,289	0,000	0,006	0,020	FALSE
0,086	0,299	0,002	0,006	0,114	FALSE
-0,059	0,296	-0,002	0,008	0,076	FALSE
-0,103	0,304	-0,003	0,007	0,160	FALSE
0,020	0,305	0,001	0,008	0,048	FALSE
0,003	0,315	0,000	0,006	0,004	FALSE
0,017	0,303	0,000	0,011	0,012	FALSE
0,067	0,308	0,003	0,012	0,080	FALSE
0,004	0,303	0,000	0,011	0,007	FALSE
0,052	0,308	0,002	0,012	0,069	FALSE
0,050	0,295	0,001	0,006	0,087	FALSE

-0,018	0,294	0,000	0,007	0,007	FALSE
0,019	0,304	0,000	0,007	0,001	FALSE
0,018	0,317	0,000	0,007	0,007	FALSE
0,119	0,313	0,006	0,013	0,182	FALSE
-0,035	0,301	-0,001	0,008	0,050	FALSE
0,117	0,299	0,006	0,012	0,194	FALSE
0,050	0,292	0,001	0,007	0,066	FALSE
0,062	0,312	0,002	0,009	0,101	FALSE
0,135	0,298	0,006	0,012	0,215	FALSE
0,200	0,298	0,008	0,012	0,304	FALSE
0,049	0,310	0,002	0,009	0,073	FALSE
0,051	0,317	0,002	0,009	0,073	FALSE
0,143	0,299	0,003	0,007	0,199	FALSE
0,191	0,300	0,004	0,006	0,270	FALSE
0,109	0,298	0,003	0,007	0,174	FALSE
0,171	0,293	0,005	0,009	0,242	FALSE
0,111	0,308	0,003	0,009	0,117	FALSE
0,020	0,312	0,000	0,006	0,025	FALSE
0,033	0,304	0,001	0,009	0,050	FALSE
-0,054	0,316	-0,002	0,009	0,087	FALSE
-0,046	0,299	-0,001	0,009	0,056	FALSE
0,037	0,311	0,000	0,007	0,001	FALSE
-0,009	0,292	-0,001	0,007	0,053	FALSE
-0,070	0,303	-0,002	0,008	0,097	FALSE
-0,051	0,305	-0,002	0,009	0,071	FALSE
0,006	0,297	-0,001	0,006	0,030	FALSE
-0,065	0,307	-0,004	0,012	0,142	FALSE
-0,012	0,309	0,000	0,009	0,020	FALSE
-0,053	0,315	-0,002	0,009	0,087	FALSE
-0,022	0,307	0,000	0,010	0,015	FALSE
-0,013	0,305	0,000	0,010	0,001	FALSE
0,019	0,290	0,001	0,008	0,052	FALSE
-0,104	0,311	-0,002	0,006	0,134	FALSE
0,012	0,295	0,000	0,007	0,013	FALSE
-0,021	0,313	-0,001	0,013	0,040	FALSE
0,146	0,299	0,004	0,006	0,261	FALSE
0,026	0,305	0,000	0,009	0,013	FALSE
-0,005	0,302	0,000	0,009	0,016	FALSE
-0,059	0,297	-0,002	0,012	0,062	FALSE
0,179	0,291	0,004	0,009	0,217	FALSE
0,106	0,292	0,005	0,012	0,178	FALSE
0,045	0,291	0,003	0,012	0,078	FALSE
0,002	0,305	0,000	0,009	0,008	FALSE
-0,027	0,302	-0,001	0,010	0,043	FALSE
0,049	0,296	0,002	0,010	0,079	FALSE
-0,082	0,308	-0,002	0,008	0,085	FALSE
0,044	0,313	0,001	0,009	0,041	FALSE
0,047	0,308	0,002	0,012	0,049	FALSE
-0,073	0,309	-0,003	0,011	0,106	FALSE
0,103	0,314	0,004	0,012	0,126	FALSE
0,027	0,315	0,001	0,010	0,041	FALSE
-0,219	0,302	-0,008	0,010	0,366	FALSE
-0,224	0,304	-0,008	0,010	0,359	FALSE

-0,230	0,300	-0,008	0,010	0,367	FALSE
-0,238	0,294	-0,008	0,010	0,396	FALSE
-0,006	0,298	-0,001	0,007	0,031	FALSE
-0,138	0,300	-0,005	0,011	0,195	FALSE
-0,082	0,309	-0,004	0,012	0,142	FALSE
0,110	0,320	0,003	0,009	0,125	FALSE
0,080	0,321	0,003	0,011	0,097	FALSE
0,035	0,291	0,000	0,010	0,003	FALSE
-0,109	0,296	-0,005	0,010	0,181	FALSE
-0,112	0,299	-0,006	0,011	0,210	FALSE
-0,054	0,307	-0,003	0,013	0,078	FALSE
-0,020	0,306	-0,002	0,012	0,053	FALSE
0,091	0,293	0,003	0,007	0,166	FALSE
-0,087	0,313	-0,002	0,009	0,089	FALSE
-0,027	0,322	-0,001	0,013	0,036	FALSE
0,031	0,324	0,001	0,009	0,038	FALSE
-0,072	0,313	-0,002	0,007	0,081	FALSE
-0,024	0,303	-0,001	0,009	0,030	FALSE
-0,128	0,311	-0,003	0,007	0,193	FALSE
-0,104	0,317	-0,003	0,008	0,153	FALSE
-0,056	0,307	-0,002	0,008	0,091	FALSE
-0,089	0,292	-0,003	0,007	0,148	FALSE
-0,124	0,310	-0,004	0,009	0,179	FALSE
0,061	0,321	0,002	0,009	0,070	FALSE
-0,088	0,295	-0,002	0,006	0,131	FALSE
0,024	0,304	0,001	0,006	0,047	FALSE
-0,089	0,310	-0,003	0,010	0,125	FALSE
-0,007	0,314	0,000	0,012	0,005	FALSE
-0,002	0,303	-0,001	0,012	0,020	FALSE
0,002	0,303	0,000	0,008	0,020	FALSE
0,004	0,307	-0,001	0,007	0,028	FALSE
0,062	0,301	0,003	0,012	0,099	FALSE
-0,071	0,310	-0,002	0,007	0,101	FALSE
0,113	0,305	0,005	0,012	0,150	FALSE
0,074	0,305	0,002	0,007	0,108	FALSE
-0,095	0,318	-0,005	0,012	0,148	FALSE
0,075	0,289	0,002	0,006	0,103	FALSE
-0,042	0,306	-0,001	0,009	0,030	FALSE
0,140	0,298	0,003	0,008	0,156	FALSE
0,047	0,304	0,001	0,009	0,027	FALSE
-0,141	0,296	-0,005	0,009	0,218	FALSE
-0,072	0,319	-0,001	0,006	0,088	FALSE
-0,029	0,298	-0,001	0,011	0,022	FALSE
-0,029	0,313	-0,001	0,007	0,029	FALSE
0,060	0,306	0,002	0,013	0,052	FALSE
-0,130	0,314	-0,003	0,007	0,168	FALSE
-0,091	0,307	-0,002	0,006	0,110	FALSE
0,139	0,295	0,004	0,008	0,226	FALSE
0,135	0,308	0,003	0,006	0,216	FALSE
-0,032	0,292	0,000	0,008	0,017	FALSE
-0,054	0,312	-0,001	0,008	0,063	FALSE
-0,101	0,292	-0,002	0,007	0,102	FALSE
0,010	0,307	0,000	0,007	0,012	FALSE

0,115	0,304	0,002	0,007	0,105	FALSE
-0,063	0,308	-0,002	0,010	0,076	FALSE
-0,071	0,316	-0,004	0,012	0,112	FALSE
0,046	0,297	0,001	0,007	0,041	FALSE
-0,038	0,305	-0,003	0,012	0,080	FALSE
0,028	0,305	0,001	0,010	0,048	FALSE
0,025	0,307	0,000	0,007	0,017	FALSE
-0,076	0,301	-0,003	0,012	0,087	FALSE
0,062	0,327	0,001	0,007	0,077	FALSE
-0,092	0,315	-0,002	0,008	0,120	FALSE
0,020	0,307	0,000	0,007	0,017	FALSE
-0,036	0,315	-0,001	0,011	0,048	FALSE
0,073	0,308	0,001	0,007	0,077	FALSE
0,009	0,328	0,000	0,009	0,007	FALSE
0,041	0,313	0,001	0,008	0,067	FALSE
-0,178	0,297	-0,005	0,008	0,275	FALSE
0,024	0,302	0,001	0,008	0,050	FALSE
0,109	0,313	0,004	0,011	0,136	FALSE
-0,062	0,297	-0,002	0,007	0,098	FALSE
0,017	0,305	0,001	0,012	0,021	FALSE
0,046	0,299	0,001	0,010	0,019	FALSE
0,046	0,305	0,000	0,010	0,017	FALSE
0,049	0,303	0,002	0,011	0,080	FALSE
0,003	0,307	0,000	0,009	0,005	FALSE
-0,089	0,318	-0,002	0,007	0,098	FALSE
-0,040	0,322	-0,001	0,012	0,040	FALSE
-0,093	0,313	-0,002	0,007	0,111	FALSE
0,023	0,306	0,001	0,008	0,058	FALSE
0,006	0,300	0,000	0,007	0,003	FALSE
0,145	0,317	0,004	0,008	0,207	FALSE
0,153	0,309	0,005	0,012	0,178	FALSE
-0,047	0,312	-0,002	0,010	0,094	FALSE
0,011	0,316	0,000	0,009	0,002	FALSE
0,104	0,304	0,002	0,007	0,090	FALSE
0,077	0,307	0,002	0,008	0,088	FALSE
0,086	0,317	0,002	0,009	0,089	FALSE
0,122	0,310	0,003	0,009	0,153	FALSE
-0,009	0,296	0,000	0,011	0,015	FALSE
-0,078	0,293	-0,001	0,007	0,071	FALSE
0,062	0,309	0,001	0,007	0,079	FALSE
-0,077	0,297	-0,004	0,012	0,150	FALSE
-0,058	0,299	-0,002	0,009	0,098	FALSE
-0,029	0,314	-0,001	0,007	0,052	FALSE
0,095	0,300	0,002	0,009	0,102	FALSE
-0,066	0,310	-0,002	0,010	0,061	FALSE
-0,020	0,301	0,000	0,009	0,005	FALSE
0,078	0,295	0,002	0,009	0,091	FALSE
-0,206	0,304	-0,004	0,007	0,290	FALSE
0,098	0,318	0,003	0,008	0,143	FALSE
-0,061	0,318	-0,002	0,007	0,088	FALSE
0,000	0,305	0,000	0,006	0,010	FALSE
0,033	0,311	0,002	0,010	0,072	FALSE
-0,030	0,300	-0,002	0,012	0,046	FALSE

-0,010	0,310	0,000	0,010	0,003	FALSE
-0,041	0,315	-0,001	0,011	0,041	FALSE
-0,018	0,303	-0,001	0,008	0,030	FALSE
0,102	0,318	0,004	0,013	0,125	FALSE
0,146	0,288	0,004	0,011	0,170	FALSE
-0,012	0,312	0,000	0,012	0,011	FALSE
-0,079	0,305	-0,002	0,011	0,086	FALSE
0,051	0,316	0,001	0,007	0,063	FALSE
0,037	0,318	0,001	0,009	0,023	FALSE
0,063	0,316	0,001	0,008	0,073	FALSE
0,082	0,306	0,002	0,008	0,129	FALSE
0,144	0,296	0,007	0,012	0,245	FALSE
0,134	0,299	0,005	0,010	0,207	FALSE
-0,015	0,306	-0,001	0,009	0,027	FALSE
0,138	0,294	0,006	0,011	0,225	FALSE
0,035	0,318	0,001	0,007	0,067	FALSE
-0,001	0,288	0,000	0,006	0,007	FALSE
0,030	0,308	0,001	0,006	0,060	FALSE
0,047	0,297	0,001	0,006	0,090	FALSE
0,101	0,304	0,003	0,009	0,159	FALSE
0,112	0,309	0,004	0,009	0,176	FALSE
-0,067	0,291	-0,001	0,006	0,076	FALSE
0,132	0,279	0,004	0,008	0,204	FALSE
0,095	0,296	0,003	0,009	0,140	FALSE
0,112	0,302	0,004	0,008	0,178	FALSE
0,099	0,292	0,003	0,008	0,138	FALSE
0,098	0,295	0,003	0,008	0,131	FALSE
0,122	0,290	0,004	0,008	0,194	FALSE
0,116	0,306	0,005	0,012	0,172	FALSE
-0,109	0,302	-0,005	0,012	0,165	FALSE
0,055	0,297	0,002	0,012	0,073	FALSE
-0,046	0,305	-0,001	0,008	0,058	FALSE
-0,019	0,305	-0,001	0,010	0,039	FALSE
0,002	0,307	0,001	0,012	0,028	FALSE
-0,037	0,316	-0,001	0,013	0,033	FALSE
0,066	0,313	0,002	0,010	0,075	FALSE
0,012	0,302	0,000	0,006	0,006	FALSE
0,027	0,311	0,000	0,006	0,016	FALSE
0,140	0,295	0,004	0,008	0,203	FALSE
0,117	0,307	0,003	0,009	0,158	FALSE
0,091	0,301	0,002	0,009	0,103	FALSE
0,003	0,298	0,000	0,007	0,016	FALSE
0,105	0,296	0,003	0,010	0,125	FALSE
0,067	0,328	0,001	0,008	0,059	FALSE
0,088	0,308	0,002	0,009	0,081	FALSE
-0,023	0,304	-0,001	0,007	0,041	FALSE
0,140	0,301	0,003	0,006	0,211	FALSE
0,062	0,308	0,003	0,012	0,097	FALSE
0,109	0,299	0,002	0,006	0,134	FALSE
0,012	0,314	0,000	0,007	0,009	FALSE
0,002	0,322	0,000	0,012	0,004	FALSE
0,035	0,316	0,002	0,012	0,064	FALSE
-0,175	0,292	-0,007	0,012	0,276	FALSE

0,155	0,314	0,004	0,007	0,217	FALSE
-0,019	0,322	0,000	0,009	0,011	FALSE
-0,052	0,307	-0,001	0,009	0,055	FALSE
-0,044	0,296	-0,001	0,007	0,072	FALSE
0,087	0,308	0,002	0,010	0,090	FALSE
0,041	0,317	0,001	0,010	0,035	FALSE
-0,045	0,301	-0,001	0,006	0,084	FALSE
-0,044	0,301	-0,001	0,007	0,056	FALSE
0,074	0,307	0,001	0,006	0,072	FALSE
-0,008	0,316	0,000	0,007	0,003	FALSE
0,027	0,314	0,001	0,009	0,051	FALSE
-0,001	0,314	0,001	0,007	0,027	FALSE
-0,042	0,308	-0,001	0,007	0,057	FALSE
0,046	0,311	0,003	0,010	0,100	FALSE
-0,111	0,302	-0,005	0,012	0,158	FALSE
0,033	0,306	0,001	0,007	0,052	FALSE
0,051	0,310	0,001	0,012	0,038	FALSE
0,037	0,304	0,001	0,011	0,033	FALSE
-0,088	0,312	-0,002	0,007	0,099	FALSE
0,000	0,306	-0,001	0,011	0,024	FALSE
-0,099	0,320	-0,003	0,012	0,111	FALSE
0,050	0,309	0,002	0,010	0,072	FALSE
0,026	0,314	0,001	0,009	0,036	FALSE
-0,083	0,297	-0,004	0,011	0,132	FALSE
0,007	0,307	0,000	0,010	0,016	FALSE
-0,073	0,316	-0,002	0,011	0,083	FALSE
-0,091	0,318	-0,003	0,011	0,107	FALSE
0,087	0,309	0,003	0,012	0,083	FALSE
-0,052	0,310	-0,001	0,008	0,041	FALSE
0,000	0,303	0,000	0,008	0,005	FALSE
0,038	0,300	0,002	0,012	0,069	FALSE
-0,042	0,298	-0,001	0,007	0,056	FALSE
0,083	0,296	0,003	0,009	0,125	FALSE
-0,094	0,307	-0,002	0,008	0,111	FALSE
0,027	0,324	0,001	0,012	0,019	FALSE
0,033	0,316	0,001	0,012	0,029	FALSE
0,002	0,305	0,000	0,011	0,011	FALSE
-0,022	0,305	-0,001	0,013	0,041	FALSE
0,016	0,296	0,000	0,010	0,004	FALSE
0,141	0,314	0,003	0,007	0,198	FALSE
-0,031	0,295	-0,002	0,011	0,079	FALSE
0,010	0,312	0,000	0,011	0,010	FALSE
-0,014	0,312	0,000	0,007	0,007	FALSE
-0,051	0,304	-0,001	0,007	0,071	FALSE
0,013	0,299	0,000	0,012	0,007	FALSE
-0,044	0,310	-0,001	0,013	0,029	FALSE
0,097	0,311	0,003	0,011	0,126	FALSE
0,092	0,298	0,003	0,011	0,120	FALSE
0,021	0,304	0,001	0,009	0,024	FALSE
-0,062	0,307	-0,002	0,007	0,095	FALSE
-0,055	0,301	-0,001	0,007	0,077	FALSE
-0,085	0,298	-0,003	0,008	0,133	FALSE
0,011	0,311	0,001	0,012	0,020	FALSE

0,018	0,313	0,000	0,012	0,004	FALSE
-0,012	0,307	0,000	0,012	0,003	FALSE
0,016	0,313	0,001	0,009	0,034	FALSE
-0,044	0,309	-0,002	0,012	0,075	FALSE
0,067	0,303	0,001	0,006	0,075	FALSE
-0,052	0,313	-0,002	0,010	0,072	FALSE
-0,205	0,299	-0,005	0,008	0,293	FALSE
0,106	0,287	0,004	0,010	0,186	FALSE
0,008	0,307	0,001	0,012	0,032	FALSE
0,041	0,304	0,000	0,009	0,017	FALSE
-0,036	0,308	-0,001	0,007	0,045	FALSE
0,008	0,308	0,000	0,011	0,006	FALSE
-0,002	0,305	0,000	0,010	0,007	FALSE
-0,024	0,309	-0,001	0,012	0,032	FALSE
-0,033	0,309	-0,001	0,007	0,043	FALSE
-0,139	0,314	-0,003	0,008	0,172	FALSE
-0,004	0,309	-0,001	0,011	0,044	FALSE
-0,106	0,310	-0,004	0,013	0,109	FALSE
-0,091	0,306	-0,003	0,013	0,097	FALSE
0,014	0,326	0,001	0,013	0,036	FALSE
0,034	0,313	0,002	0,013	0,064	FALSE
0,025	0,320	0,002	0,013	0,060	FALSE
0,159	0,289	0,004	0,008	0,226	FALSE
0,028	0,318	0,001	0,010	0,019	FALSE
-0,081	0,321	-0,003	0,010	0,103	FALSE
0,025	0,308	0,001	0,008	0,030	FALSE
-0,039	0,310	-0,001	0,009	0,061	FALSE
0,036	0,295	0,001	0,007	0,044	FALSE
-0,084	0,312	-0,002	0,008	0,082	FALSE
-0,044	0,313	-0,002	0,012	0,057	FALSE
0,045	0,314	0,002	0,010	0,065	FALSE
0,086	0,308	0,002	0,009	0,096	FALSE
0,062	0,305	0,002	0,009	0,071	FALSE
0,098	0,304	0,003	0,009	0,116	FALSE
-0,008	0,307	0,000	0,007	0,023	FALSE
0,042	0,317	0,001	0,009	0,039	FALSE
0,152	0,296	0,006	0,011	0,238	FALSE
0,141	0,310	0,006	0,012	0,213	FALSE
0,105	0,306	0,003	0,006	0,188	FALSE
0,170	0,313	0,007	0,013	0,251	FALSE
-0,003	0,314	0,000	0,013	0,004	FALSE
-0,021	0,314	-0,001	0,013	0,019	FALSE
0,021	0,323	0,000	0,006	0,026	FALSE
0,051	0,306	0,000	0,009	0,017	FALSE
0,080	0,310	0,003	0,009	0,106	FALSE
-0,093	0,308	-0,004	0,011	0,126	FALSE
0,006	0,302	-0,001	0,009	0,025	FALSE
0,035	0,284	0,001	0,009	0,062	FALSE
-0,073	0,309	-0,002	0,009	0,095	FALSE
0,022	0,305	0,001	0,007	0,034	FALSE
0,013	0,313	0,000	0,006	0,023	FALSE
0,036	0,316	0,001	0,009	0,041	FALSE
-0,004	0,298	0,000	0,006	0,007	FALSE

0,008	0,312	0,000	0,006	0,016	FALSE
0,048	0,307	0,001	0,009	0,044	FALSE
-0,047	0,309	-0,001	0,007	0,062	FALSE
0,105	0,317	0,002	0,007	0,097	FALSE
0,159	0,304	0,005	0,009	0,217	FALSE
0,129	0,302	0,004	0,009	0,167	FALSE
-0,106	0,298	-0,004	0,012	0,134	FALSE
-0,128	0,305	-0,005	0,010	0,186	FALSE
0,074	0,315	0,002	0,007	0,082	FALSE
-0,070	0,310	-0,003	0,010	0,092	FALSE
-0,108	0,307	-0,004	0,011	0,147	FALSE
-0,040	0,306	-0,002	0,012	0,071	FALSE
-0,034	0,299	-0,001	0,008	0,055	FALSE
0,057	0,296	0,001	0,009	0,038	FALSE
0,028	0,304	0,000	0,006	0,020	FALSE
-0,146	0,305	-0,003	0,006	0,168	FALSE
-0,032	0,321	-0,001	0,013	0,036	FALSE
-0,080	0,314	-0,002	0,008	0,116	FALSE
0,008	0,302	0,000	0,008	0,016	FALSE
-0,012	0,317	-0,001	0,008	0,030	FALSE
-0,005	0,315	0,000	0,009	0,018	FALSE
-0,013	0,299	-0,002	0,012	0,059	FALSE
-0,087	0,314	-0,002	0,008	0,124	FALSE
0,111	0,301	0,002	0,007	0,092	FALSE
0,073	0,298	0,004	0,011	0,148	FALSE
0,093	0,311	0,001	0,007	0,084	FALSE
-0,081	0,317	-0,002	0,008	0,101	FALSE
-0,005	0,318	-0,001	0,010	0,034	FALSE
0,018	0,310	0,000	0,009	0,014	FALSE
0,032	0,307	0,000	0,009	0,005	FALSE
-0,065	0,308	-0,002	0,007	0,107	FALSE
0,009	0,315	-0,001	0,010	0,027	FALSE
0,053	0,307	0,003	0,011	0,093	FALSE
-0,058	0,311	-0,002	0,007	0,080	FALSE
0,003	0,317	0,000	0,013	0,007	FALSE
0,011	0,300	0,000	0,007	0,007	FALSE
0,025	0,308	0,001	0,012	0,040	FALSE
-0,042	0,306	-0,001	0,010	0,051	FALSE
-0,027	0,305	-0,001	0,007	0,035	FALSE
-0,064	0,316	-0,003	0,012	0,095	FALSE
0,048	0,319	0,001	0,009	0,030	FALSE
0,099	0,299	0,002	0,008	0,097	FALSE
-0,081	0,304	-0,002	0,008	0,095	FALSE
-0,029	0,302	-0,001	0,013	0,023	FALSE
0,139	0,301	0,004	0,009	0,171	FALSE
0,117	0,295	0,005	0,011	0,189	FALSE
-0,118	0,314	-0,003	0,007	0,177	FALSE
-0,096	0,294	-0,004	0,010	0,146	FALSE
-0,052	0,290	-0,004	0,013	0,111	FALSE
-0,010	0,302	-0,002	0,013	0,056	FALSE
-0,048	0,301	-0,003	0,011	0,097	FALSE
0,151	0,297	0,004	0,007	0,250	FALSE
-0,075	0,312	-0,002	0,007	0,116	FALSE

-0,147	0,294	-0,005	0,012	0,165	FALSE
-0,164	0,302	-0,005	0,012	0,174	FALSE
0,158	0,296	0,006	0,012	0,199	FALSE
0,117	0,306	0,003	0,012	0,107	FALSE
0,077	0,309	0,002	0,012	0,053	FALSE
-0,032	0,291	-0,002	0,010	0,067	FALSE
0,102	0,312	0,004	0,012	0,128	FALSE
0,050	0,306	0,002	0,013	0,061	FALSE
0,033	0,316	0,001	0,010	0,033	FALSE
-0,055	0,317	-0,002	0,009	0,062	FALSE
-0,067	0,301	-0,003	0,012	0,092	FALSE
-0,055	0,310	-0,002	0,012	0,076	FALSE
0,068	0,315	0,001	0,006	0,085	FALSE
-0,078	0,318	-0,001	0,007	0,075	FALSE
0,076	0,306	0,002	0,007	0,099	FALSE
-0,018	0,312	0,000	0,012	0,011	FALSE
0,003	0,291	0,000	0,007	0,026	FALSE
0,072	0,316	0,002	0,009	0,068	FALSE
0,128	0,316	0,003	0,008	0,136	FALSE
0,010	0,309	0,001	0,009	0,054	FALSE
-0,157	0,308	-0,006	0,011	0,221	FALSE
0,022	0,311	0,002	0,010	0,058	FALSE
0,097	0,313	0,002	0,008	0,108	FALSE
0,027	0,317	0,001	0,009	0,041	FALSE
0,083	0,301	0,002	0,008	0,102	FALSE
0,069	0,317	0,001	0,006	0,072	FALSE
-0,109	0,313	-0,005	0,012	0,166	FALSE
0,094	0,297	0,002	0,006	0,115	FALSE
0,036	0,308	0,001	0,007	0,044	FALSE
-0,063	0,304	-0,001	0,006	0,056	FALSE
0,103	0,301	0,002	0,006	0,137	FALSE
0,166	0,292	0,005	0,008	0,239	FALSE
-0,020	0,309	0,000	0,011	0,001	FALSE
0,000	0,303	0,000	0,007	0,016	FALSE
-0,121	0,318	-0,003	0,008	0,180	FALSE
0,072	0,313	0,002	0,010	0,083	FALSE
0,089	0,312	0,003	0,009	0,140	FALSE
0,040	0,302	0,001	0,007	0,042	FALSE
0,043	0,309	0,001	0,007	0,039	FALSE
0,009	0,310	0,000	0,008	0,009	FALSE
0,019	0,304	0,000	0,008	0,000	FALSE
0,049	0,310	0,000	0,006	0,027	FALSE
0,025	0,311	0,000	0,008	0,007	FALSE
-0,108	0,308	-0,003	0,008	0,145	FALSE
-0,096	0,305	-0,003	0,009	0,129	FALSE
0,039	0,302	0,001	0,008	0,048	FALSE
-0,057	0,308	-0,001	0,009	0,055	FALSE
-0,015	0,309	0,000	0,006	0,003	FALSE
0,106	0,311	0,004	0,011	0,127	FALSE
0,155	0,292	0,005	0,010	0,208	FALSE
0,051	0,301	0,001	0,006	0,037	FALSE
-0,091	0,298	-0,004	0,010	0,174	FALSE
-0,086	0,293	-0,004	0,010	0,154	FALSE

0,183	0,290	0,007	0,010	0,317	FALSE
0,064	0,304	0,002	0,008	0,092	FALSE
0,130	0,294	0,007	0,012	0,233	FALSE
0,184	0,283	0,009	0,012	0,317	FALSE
-0,028	0,309	-0,001	0,011	0,031	FALSE
-0,042	0,302	-0,002	0,012	0,055	FALSE
-0,054	0,313	-0,002	0,011	0,081	FALSE
0,012	0,317	0,000	0,012	0,004	FALSE
-0,070	0,303	-0,003	0,011	0,107	FALSE
-0,044	0,321	-0,002	0,009	0,088	FALSE
0,047	0,304	0,001	0,009	0,031	FALSE
-0,002	0,305	0,001	0,011	0,025	FALSE
0,076	0,301	0,002	0,011	0,069	FALSE
-0,111	0,307	-0,006	0,012	0,192	FALSE
0,107	0,311	0,004	0,011	0,161	FALSE
-0,143	0,301	-0,004	0,008	0,185	FALSE
-0,018	0,310	-0,001	0,009	0,042	FALSE
-0,032	0,299	-0,001	0,006	0,038	FALSE
-0,046	0,311	-0,001	0,007	0,040	FALSE
-0,072	0,303	-0,003	0,012	0,094	FALSE
-0,009	0,303	-0,001	0,013	0,015	FALSE
-0,029	0,295	0,000	0,008	0,011	FALSE
0,004	0,317	0,000	0,011	0,001	FALSE
-0,085	0,288	-0,003	0,010	0,117	FALSE
0,080	0,297	0,003	0,011	0,098	FALSE
0,073	0,292	0,003	0,011	0,093	FALSE
-0,038	0,296	-0,001	0,010	0,054	FALSE
-0,041	0,306	-0,001	0,009	0,032	FALSE
0,022	0,319	0,000	0,009	0,016	FALSE
0,060	0,302	0,002	0,010	0,087	FALSE
-0,022	0,302	-0,001	0,013	0,036	FALSE
-0,011	0,309	-0,001	0,008	0,027	FALSE
-0,102	0,298	-0,003	0,007	0,176	FALSE
0,092	0,315	0,003	0,010	0,108	FALSE
-0,044	0,313	-0,002	0,012	0,064	FALSE
0,123	0,302	0,005	0,012	0,172	FALSE
-0,027	0,303	0,000	0,007	0,021	FALSE
-0,038	0,302	0,000	0,006	0,025	FALSE
0,140	0,313	0,006	0,011	0,207	FALSE
0,085	0,312	0,003	0,010	0,120	FALSE
-0,154	0,300	-0,005	0,011	0,190	FALSE
-0,055	0,296	-0,002	0,007	0,098	FALSE
0,055	0,312	0,002	0,009	0,076	FALSE
-0,095	0,301	-0,004	0,012	0,118	FALSE
0,001	0,293	0,000	0,007	0,008	FALSE
-0,055	0,293	-0,002	0,009	0,072	FALSE
-0,027	0,313	-0,001	0,010	0,044	FALSE
-0,031	0,309	-0,002	0,012	0,052	FALSE
-0,110	0,297	-0,003	0,008	0,132	FALSE
-0,010	0,297	-0,001	0,012	0,017	FALSE
-0,106	0,299	-0,002	0,007	0,131	FALSE
0,139	0,302	0,006	0,012	0,223	FALSE
-0,008	0,301	0,000	0,008	0,005	FALSE

-0,116	0,307	-0,002	0,006	0,130	FALSE
-0,010	0,311	0,000	0,012	0,005	FALSE
0,035	0,311	0,002	0,011	0,063	FALSE
0,082	0,300	0,002	0,006	0,124	FALSE
-0,034	0,316	0,000	0,009	0,015	FALSE
-0,118	0,301	-0,006	0,013	0,204	FALSE
-0,086	0,308	-0,002	0,008	0,121	FALSE
-0,063	0,314	-0,002	0,007	0,088	FALSE
0,012	0,305	0,001	0,008	0,052	FALSE
-0,068	0,314	-0,002	0,009	0,098	FALSE
-0,013	0,318	0,000	0,008	0,009	FALSE
0,076	0,312	0,002	0,007	0,097	FALSE
0,067	0,298	0,002	0,008	0,094	FALSE
-0,129	0,310	-0,004	0,010	0,164	FALSE
-0,089	0,294	-0,002	0,006	0,129	FALSE
0,022	0,309	-0,001	0,012	0,016	FALSE
-0,057	0,301	-0,002	0,011	0,068	FALSE
0,033	0,301	0,001	0,008	0,027	FALSE
0,105	0,297	0,003	0,006	0,160	FALSE
0,041	0,294	0,002	0,010	0,065	FALSE
0,073	0,313	0,002	0,009	0,106	FALSE
-0,157	0,290	-0,005	0,008	0,227	FALSE
-0,046	0,313	-0,001	0,008	0,039	FALSE
-0,085	0,307	-0,005	0,012	0,168	FALSE
-0,069	0,317	-0,004	0,012	0,109	FALSE
-0,108	0,301	-0,005	0,012	0,188	FALSE
-0,069	0,303	-0,002	0,010	0,076	FALSE
-0,089	0,310	-0,004	0,012	0,135	FALSE
-0,077	0,317	-0,004	0,013	0,129	FALSE
-0,141	0,310	-0,006	0,012	0,214	FALSE
-0,145	0,311	-0,006	0,011	0,211	FALSE
-0,096	0,315	-0,003	0,010	0,110	FALSE
-0,102	0,306	-0,004	0,011	0,149	FALSE
-0,126	0,298	-0,004	0,010	0,166	FALSE
-0,011	0,291	0,000	0,009	0,017	FALSE
-0,038	0,315	-0,001	0,008	0,056	FALSE
-0,055	0,299	-0,002	0,012	0,062	FALSE
-0,112	0,295	-0,004	0,012	0,131	FALSE
-0,034	0,314	-0,002	0,010	0,055	FALSE
0,045	0,306	0,001	0,009	0,041	FALSE
-0,072	0,316	-0,002	0,008	0,097	FALSE
0,023	0,308	0,002	0,012	0,064	FALSE
0,083	0,307	0,005	0,012	0,156	FALSE
-0,062	0,298	-0,002	0,009	0,064	FALSE
-0,089	0,302	-0,003	0,008	0,147	FALSE
-0,077	0,312	-0,002	0,007	0,119	FALSE
-0,011	0,310	0,000	0,007	0,002	FALSE
0,079	0,311	0,003	0,011	0,116	FALSE
0,035	0,305	0,002	0,012	0,050	FALSE
0,089	0,314	0,002	0,008	0,111	FALSE
0,100	0,313	0,003	0,008	0,131	FALSE
0,035	0,314	0,002	0,012	0,052	FALSE
-0,015	0,322	-0,001	0,013	0,025	FALSE

-0,047	0,290	-0,001	0,009	0,041	FALSE
-0,031	0,322	-0,001	0,007	0,030	FALSE
0,081	0,296	0,002	0,006	0,102	FALSE
-0,012	0,307	0,000	0,007	0,019	FALSE
0,094	0,313	0,003	0,010	0,107	FALSE
0,010	0,318	0,000	0,012	0,010	FALSE
-0,048	0,305	-0,001	0,012	0,041	FALSE
-0,077	0,309	-0,002	0,010	0,077	FALSE
-0,053	0,309	-0,003	0,010	0,097	FALSE
-0,047	0,302	-0,002	0,010	0,091	FALSE
0,006	0,309	0,000	0,012	0,010	FALSE
-0,086	0,295	-0,004	0,010	0,142	FALSE
0,077	0,306	0,001	0,009	0,047	FALSE
0,031	0,307	0,000	0,009	0,008	FALSE
-0,065	0,306	-0,003	0,013	0,095	FALSE
0,126	0,307	0,003	0,007	0,192	FALSE
0,077	0,297	0,002	0,007	0,129	FALSE
-0,060	0,312	-0,002	0,012	0,076	FALSE
-0,009	0,315	0,000	0,007	0,025	FALSE
-0,033	0,306	-0,002	0,010	0,066	FALSE
-0,070	0,307	-0,001	0,006	0,076	FALSE
0,007	0,298	0,001	0,008	0,040	FALSE
-0,089	0,308	-0,003	0,011	0,086	FALSE
-0,093	0,301	-0,003	0,011	0,109	FALSE
0,073	0,308	0,002	0,006	0,090	FALSE
0,020	0,311	0,001	0,011	0,016	FALSE
-0,080	0,313	-0,003	0,013	0,106	FALSE
0,065	0,297	0,002	0,009	0,109	FALSE
0,037	0,305	0,001	0,006	0,031	FALSE
-0,100	0,298	-0,004	0,009	0,167	FALSE
-0,061	0,301	-0,003	0,012	0,096	FALSE
0,096	0,310	0,003	0,010	0,132	FALSE
0,072	0,322	0,001	0,007	0,062	FALSE
-0,129	0,301	-0,002	0,007	0,125	FALSE
0,023	0,294	0,000	0,009	0,017	FALSE
-0,019	0,315	0,000	0,007	0,009	FALSE
0,059	0,294	0,002	0,012	0,068	FALSE
-0,100	0,298	-0,004	0,011	0,147	FALSE
0,063	0,307	0,001	0,007	0,061	FALSE
-0,071	0,310	-0,001	0,008	0,069	FALSE
0,111	0,290	0,005	0,010	0,226	FALSE
0,060	0,301	0,003	0,010	0,135	FALSE
-0,010	0,309	0,000	0,007	0,024	FALSE
-0,023	0,311	0,000	0,012	0,015	FALSE
0,051	0,297	0,001	0,007	0,041	FALSE
-0,033	0,292	-0,001	0,010	0,028	FALSE
-0,022	0,307	0,000	0,010	0,016	FALSE
-0,035	0,307	0,000	0,010	0,015	FALSE
-0,054	0,295	-0,001	0,009	0,049	FALSE
-0,051	0,298	-0,001	0,006	0,086	FALSE
-0,047	0,316	-0,001	0,011	0,029	FALSE
-0,098	0,306	-0,005	0,012	0,156	FALSE
-0,029	0,312	-0,001	0,011	0,018	FALSE

-0,129	0,302	-0,006	0,013	0,187	FALSE
-0,181	0,295	-0,005	0,008	0,266	FALSE
-0,089	0,298	-0,004	0,012	0,143	FALSE
0,114	0,289	0,005	0,011	0,179	FALSE
0,044	0,314	0,002	0,011	0,071	FALSE
-0,215	0,286	-0,009	0,012	0,346	FALSE
-0,030	0,303	-0,002	0,012	0,050	FALSE
-0,108	0,298	-0,003	0,007	0,154	FALSE
-0,015	0,317	0,000	0,010	0,018	FALSE
0,184	0,309	0,006	0,009	0,280	FALSE
-0,023	0,316	-0,001	0,007	0,027	FALSE
-0,133	0,312	-0,004	0,012	0,145	FALSE
-0,134	0,315	-0,003	0,009	0,161	FALSE
-0,059	0,334	-0,001	0,010	0,048	FALSE
0,114	0,305	0,004	0,011	0,171	FALSE
0,008	0,304	0,000	0,008	0,017	FALSE
0,017	0,298	0,001	0,008	0,037	FALSE
0,063	0,304	0,003	0,009	0,127	FALSE
0,079	0,296	0,001	0,008	0,072	FALSE
-0,027	0,302	-0,002	0,011	0,078	FALSE
-0,004	0,303	-0,001	0,011	0,023	FALSE
-0,089	0,304	-0,002	0,009	0,100	FALSE
0,072	0,301	0,002	0,011	0,066	FALSE
0,019	0,307	0,001	0,010	0,047	FALSE
0,019	0,315	0,001	0,011	0,045	FALSE
0,006	0,302	0,000	0,010	0,016	FALSE
-0,002	0,308	0,000	0,012	0,002	FALSE
0,015	0,307	0,000	0,009	0,011	FALSE
-0,068	0,293	-0,001	0,008	0,049	FALSE
0,077	0,309	0,001	0,008	0,055	FALSE
0,040	0,314	0,001	0,007	0,063	FALSE
-0,019	0,323	-0,001	0,009	0,026	FALSE
-0,108	0,316	-0,003	0,007	0,141	FALSE
0,015	0,309	0,000	0,011	0,010	FALSE
-0,011	0,315	-0,001	0,012	0,016	FALSE
-0,013	0,313	0,000	0,007	0,017	FALSE
0,061	0,297	0,003	0,011	0,121	FALSE
0,046	0,305	0,002	0,012	0,070	FALSE
0,118	0,285	0,006	0,011	0,217	FALSE
0,026	0,307	0,001	0,007	0,030	FALSE
-0,052	0,310	-0,001	0,010	0,051	FALSE
0,124	0,315	0,003	0,008	0,138	FALSE
0,027	0,311	0,001	0,008	0,038	FALSE
-0,112	0,301	-0,004	0,012	0,148	FALSE
-0,051	0,306	-0,003	0,011	0,087	FALSE
0,035	0,307	0,000	0,006	0,024	FALSE
-0,041	0,308	-0,002	0,011	0,074	FALSE
-0,002	0,311	-0,001	0,006	0,035	FALSE
-0,083	0,315	-0,003	0,008	0,141	FALSE
-0,078	0,289	-0,002	0,009	0,087	FALSE
-0,167	0,285	-0,007	0,012	0,252	FALSE
0,044	0,295	0,002	0,012	0,063	FALSE
-0,020	0,314	0,000	0,007	0,012	FALSE

0,076	0,308	0,002	0,007	0,108	FALSE
0,003	0,301	0,000	0,006	0,019	FALSE
-0,086	0,295	-0,003	0,008	0,152	FALSE
0,050	0,315	0,001	0,008	0,042	FALSE
-0,015	0,302	0,000	0,007	0,000	FALSE
-0,009	0,297	0,000	0,006	0,002	FALSE
-0,037	0,316	-0,001	0,012	0,034	FALSE
0,013	0,307	0,001	0,011	0,020	FALSE
0,106	0,309	0,004	0,012	0,138	FALSE
-0,071	0,310	-0,002	0,010	0,092	FALSE
-0,038	0,319	-0,001	0,007	0,030	FALSE
-0,041	0,307	-0,001	0,007	0,037	FALSE
0,058	0,302	0,002	0,009	0,086	FALSE
0,081	0,291	0,003	0,009	0,119	FALSE
-0,032	0,312	0,000	0,011	0,008	FALSE
-0,045	0,304	-0,002	0,009	0,070	FALSE
-0,140	0,288	-0,005	0,009	0,258	FALSE
-0,031	0,322	-0,002	0,010	0,061	FALSE
0,018	0,311	0,000	0,011	0,002	FALSE
0,040	0,300	0,001	0,008	0,055	FALSE
0,070	0,322	0,002	0,008	0,070	FALSE
0,006	0,316	0,001	0,012	0,025	FALSE
-0,050	0,294	-0,002	0,012	0,072	FALSE
-0,020	0,302	-0,001	0,010	0,031	FALSE
-0,053	0,313	-0,002	0,009	0,074	FALSE
0,001	0,313	-0,001	0,012	0,019	FALSE
-0,001	0,300	0,000	0,008	0,007	FALSE
0,056	0,303	0,003	0,012	0,095	FALSE
-0,116	0,313	-0,003	0,008	0,122	FALSE
-0,111	0,294	-0,002	0,008	0,115	FALSE
-0,024	0,325	-0,001	0,008	0,045	FALSE
-0,034	0,324	-0,001	0,008	0,059	FALSE
0,001	0,302	0,000	0,010	0,007	FALSE
-0,016	0,296	-0,001	0,009	0,037	FALSE
-0,037	0,307	0,000	0,008	0,023	FALSE
0,186	0,283	0,009	0,011	0,366	FALSE
-0,105	0,306	-0,005	0,012	0,177	FALSE
0,072	0,302	0,001	0,007	0,067	FALSE
-0,070	0,318	-0,003	0,013	0,080	FALSE
0,064	0,306	0,003	0,012	0,087	FALSE
0,068	0,282	0,002	0,006	0,115	FALSE
0,048	0,295	0,001	0,011	0,036	FALSE
0,014	0,312	0,000	0,011	0,015	FALSE
0,006	0,303	0,000	0,009	0,019	FALSE
0,008	0,316	0,000	0,009	0,020	FALSE
0,016	0,309	0,000	0,012	0,014	FALSE
-0,009	0,314	0,000	0,012	0,000	FALSE
0,111	0,308	0,004	0,012	0,131	FALSE
0,120	0,306	0,003	0,009	0,130	FALSE
0,106	0,308	0,003	0,009	0,123	FALSE
-0,105	0,301	-0,002	0,006	0,127	FALSE
-0,066	0,309	-0,002	0,008	0,106	FALSE
0,106	0,281	0,005	0,011	0,177	FALSE

-0,165	0,299	-0,005	0,009	0,242	FALSE
-0,037	0,304	-0,002	0,012	0,058	FALSE
0,029	0,298	0,002	0,008	0,098	FALSE
-0,051	0,306	-0,002	0,010	0,081	FALSE
-0,018	0,319	0,000	0,008	0,013	FALSE
0,012	0,311	0,001	0,010	0,018	FALSE
0,009	0,315	0,000	0,010	0,012	FALSE
0,004	0,319	0,000	0,010	0,009	FALSE
-0,108	0,322	-0,003	0,008	0,130	FALSE
0,107	0,314	0,002	0,007	0,120	FALSE
0,011	0,292	0,000	0,011	0,016	FALSE
0,083	0,305	0,002	0,007	0,095	FALSE
0,014	0,308	0,000	0,006	0,021	FALSE
0,161	0,299	0,004	0,008	0,220	FALSE
0,114	0,302	0,004	0,011	0,147	FALSE
0,126	0,310	0,004	0,012	0,152	FALSE
0,125	0,309	0,005	0,012	0,160	FALSE
-0,017	0,317	0,000	0,008	0,005	FALSE
0,035	0,306	0,001	0,006	0,050	FALSE
0,084	0,307	0,003	0,012	0,102	FALSE
-0,111	0,298	-0,005	0,011	0,187	FALSE
-0,015	0,300	-0,001	0,010	0,035	FALSE
-0,137	0,310	-0,004	0,009	0,179	FALSE
-0,097	0,299	-0,002	0,007	0,115	FALSE
0,062	0,306	0,002	0,009	0,074	FALSE
0,004	0,304	0,000	0,012	0,001	FALSE
0,084	0,302	0,002	0,006	0,126	FALSE
-0,041	0,307	-0,001	0,008	0,052	FALSE
0,045	0,276	0,002	0,007	0,082	FALSE
-0,024	0,312	-0,001	0,009	0,026	FALSE
-0,032	0,307	-0,001	0,009	0,039	FALSE
-0,046	0,309	-0,003	0,012	0,080	FALSE
-0,034	0,308	-0,001	0,009	0,036	FALSE
0,062	0,290	0,002	0,006	0,101	FALSE
0,027	0,310	0,000	0,010	0,004	FALSE
0,039	0,314	0,001	0,007	0,057	FALSE
0,131	0,288	0,004	0,010	0,158	FALSE
-0,141	0,278	-0,003	0,007	0,161	FALSE
0,017	0,293	0,002	0,011	0,082	FALSE
-0,076	0,314	-0,002	0,007	0,102	FALSE
-0,139	0,296	-0,003	0,006	0,170	FALSE
-0,170	0,300	-0,004	0,007	0,207	FALSE
0,131	0,304	0,004	0,008	0,172	FALSE
0,122	0,296	0,003	0,008	0,168	FALSE
0,002	0,308	-0,001	0,012	0,034	FALSE
-0,004	0,302	0,000	0,010	0,006	FALSE
-0,091	0,309	-0,002	0,010	0,081	FALSE
-0,097	0,310	-0,003	0,013	0,081	FALSE
-0,068	0,309	-0,002	0,013	0,050	FALSE
0,034	0,303	0,002	0,008	0,085	FALSE
0,043	0,315	0,001	0,007	0,070	FALSE
-0,012	0,308	0,001	0,011	0,027	FALSE
-0,054	0,314	-0,001	0,009	0,045	FALSE

-0,067	0,310	-0,002	0,012	0,078	FALSE
-0,017	0,304	0,000	0,011	0,007	FALSE
0,083	0,305	0,003	0,010	0,106	FALSE
-0,054	0,297	-0,001	0,007	0,050	FALSE
-0,067	0,320	-0,001	0,008	0,073	FALSE
0,021	0,312	0,002	0,012	0,057	FALSE
-0,065	0,313	-0,002	0,013	0,066	FALSE
0,024	0,308	0,000	0,009	0,012	FALSE
-0,080	0,317	-0,003	0,011	0,104	FALSE
-0,081	0,312	-0,002	0,008	0,090	FALSE
0,029	0,319	0,001	0,008	0,064	FALSE
0,047	0,294	0,002	0,012	0,068	FALSE
0,067	0,311	0,003	0,013	0,083	FALSE
0,011	0,308	0,001	0,008	0,029	FALSE
0,012	0,301	0,000	0,008	0,011	FALSE
0,075	0,309	0,003	0,010	0,124	FALSE
0,077	0,294	0,004	0,010	0,140	FALSE
0,067	0,290	0,003	0,011	0,115	FALSE
-0,023	0,318	0,000	0,010	0,014	FALSE
-0,034	0,327	-0,001	0,008	0,033	FALSE
-0,075	0,315	-0,002	0,007	0,112	FALSE
0,056	0,318	0,002	0,010	0,060	FALSE
-0,014	0,323	-0,001	0,006	0,034	FALSE
-0,087	0,311	-0,002	0,008	0,117	FALSE
-0,080	0,301	-0,003	0,008	0,134	FALSE
0,068	0,306	0,002	0,011	0,078	FALSE
0,077	0,305	0,004	0,011	0,134	FALSE
-0,004	0,315	0,000	0,007	0,023	FALSE
0,039	0,298	0,002	0,012	0,050	FALSE
-0,077	0,303	-0,001	0,007	0,077	FALSE
0,062	0,322	0,002	0,008	0,083	FALSE
-0,040	0,291	-0,001	0,006	0,052	FALSE
-0,121	0,309	-0,005	0,012	0,157	FALSE
0,024	0,317	0,001	0,008	0,029	FALSE
0,027	0,308	0,002	0,009	0,070	FALSE
0,056	0,310	0,003	0,010	0,107	FALSE
0,030	0,305	0,002	0,010	0,064	FALSE
-0,030	0,310	-0,002	0,012	0,057	FALSE
0,025	0,316	0,001	0,010	0,020	FALSE
0,032	0,314	0,002	0,012	0,045	FALSE
0,043	0,295	0,001	0,007	0,064	FALSE
0,029	0,303	0,001	0,010	0,025	FALSE
0,043	0,314	0,002	0,011	0,066	FALSE
-0,029	0,310	-0,001	0,007	0,040	FALSE
0,136	0,318	0,002	0,006	0,142	FALSE
-0,045	0,313	-0,002	0,012	0,068	FALSE
0,030	0,308	0,002	0,012	0,052	FALSE
0,071	0,305	0,003	0,012	0,104	FALSE
0,111	0,298	0,005	0,012	0,151	FALSE
0,064	0,310	0,003	0,009	0,107	FALSE
-0,025	0,303	-0,002	0,012	0,060	FALSE
0,037	0,287	0,001	0,007	0,061	FALSE
0,154	0,285	0,004	0,006	0,298	FALSE

0,046	0,305	0,002	0,011	0,072	FALSE
-0,118	0,294	-0,003	0,011	0,118	FALSE
-0,084	0,292	-0,003	0,012	0,084	FALSE
0,066	0,318	0,002	0,008	0,096	FALSE
-0,039	0,311	-0,001	0,011	0,034	FALSE
0,170	0,307	0,005	0,009	0,217	FALSE
-0,110	0,296	-0,004	0,012	0,129	FALSE
0,003	0,304	0,000	0,006	0,010	FALSE
-0,064	0,311	-0,001	0,008	0,068	FALSE
0,060	0,311	0,002	0,008	0,102	FALSE
-0,199	0,299	-0,004	0,007	0,270	FALSE
-0,147	0,327	-0,004	0,010	0,163	FALSE
0,103	0,304	0,003	0,008	0,166	FALSE
0,092	0,315	0,004	0,011	0,153	FALSE
0,123	0,308	0,006	0,011	0,209	FALSE
0,125	0,312	0,006	0,011	0,214	FALSE
0,021	0,296	0,001	0,008	0,062	FALSE
0,123	0,305	0,005	0,011	0,193	FALSE
-0,059	0,308	-0,001	0,010	0,051	FALSE
0,086	0,303	0,002	0,009	0,083	FALSE
-0,058	0,302	-0,003	0,010	0,130	FALSE
-0,079	0,301	-0,004	0,011	0,132	FALSE
0,004	0,298	-0,001	0,009	0,040	FALSE
0,167	0,297	0,007	0,012	0,247	FALSE
-0,195	0,297	-0,004	0,007	0,262	FALSE
0,013	0,305	0,001	0,006	0,033	FALSE
-0,197	0,302	-0,007	0,012	0,253	FALSE
-0,087	0,315	-0,002	0,006	0,092	FALSE
0,167	0,288	0,004	0,007	0,259	FALSE
-0,126	0,307	-0,004	0,010	0,170	FALSE
0,005	0,303	0,001	0,008	0,025	FALSE
0,112	0,306	0,004	0,012	0,138	FALSE
-0,125	0,313	-0,004	0,010	0,169	FALSE
0,174	0,301	0,007	0,012	0,237	FALSE
0,026	0,297	0,001	0,012	0,028	FALSE
0,203	0,297	0,005	0,007	0,293	FALSE
0,020	0,319	0,000	0,007	0,003	FALSE
0,029	0,309	0,000	0,012	0,006	FALSE
-0,038	0,305	-0,001	0,013	0,021	FALSE
0,028	0,319	0,001	0,007	0,032	FALSE
0,064	0,312	0,003	0,013	0,079	FALSE
-0,088	0,315	-0,002	0,008	0,115	FALSE
0,031	0,317	0,000	0,006	0,012	FALSE
0,089	0,273	0,003	0,008	0,127	FALSE
-0,048	0,322	-0,002	0,013	0,042	FALSE
-0,106	0,304	-0,003	0,010	0,120	FALSE
-0,131	0,293	-0,006	0,012	0,206	FALSE
-0,086	0,306	-0,003	0,010	0,117	FALSE
-0,098	0,299	-0,003	0,011	0,104	FALSE
0,084	0,315	0,002	0,008	0,087	FALSE
0,040	0,301	0,001	0,008	0,022	FALSE
-0,046	0,310	-0,001	0,007	0,050	FALSE
-0,157	0,305	-0,006	0,011	0,209	FALSE

0,011	0,310	0,000	0,009	0,007	FALSE
0,128	0,305	0,003	0,008	0,154	FALSE
0,147	0,291	0,005	0,011	0,181	FALSE
0,081	0,297	0,003	0,010	0,134	FALSE
-0,098	0,285	-0,004	0,011	0,124	FALSE
-0,074	0,283	-0,002	0,011	0,082	FALSE
0,043	0,306	0,001	0,011	0,037	FALSE
-0,061	0,306	-0,003	0,012	0,081	FALSE
0,059	0,296	0,001	0,008	0,064	FALSE
-0,013	0,314	-0,001	0,012	0,046	FALSE
-0,121	0,311	-0,003	0,008	0,153	FALSE
0,019	0,307	0,000	0,007	0,005	FALSE
0,021	0,295	0,002	0,012	0,069	FALSE
-0,029	0,310	-0,001	0,008	0,054	FALSE
-0,167	0,306	-0,003	0,007	0,184	FALSE
-0,037	0,311	-0,001	0,012	0,031	FALSE
0,149	0,319	0,005	0,013	0,166	FALSE
0,091	0,305	0,003	0,011	0,105	FALSE
0,157	0,302	0,004	0,007	0,230	FALSE
0,017	0,303	0,000	0,007	0,011	FALSE
0,061	0,308	0,001	0,008	0,058	FALSE
-0,174	0,291	-0,007	0,010	0,293	FALSE
-0,055	0,297	-0,001	0,006	0,084	FALSE
0,074	0,323	0,001	0,007	0,069	FALSE
0,074	0,290	0,001	0,006	0,066	FALSE
-0,156	0,301	-0,003	0,006	0,206	FALSE
-0,073	0,313	-0,001	0,007	0,074	FALSE
-0,114	0,294	-0,002	0,007	0,125	FALSE
0,051	0,307	0,001	0,008	0,040	FALSE
0,029	0,304	0,001	0,008	0,049	FALSE
0,000	0,304	0,000	0,007	0,022	FALSE
0,105	0,303	0,002	0,007	0,133	FALSE
-0,139	0,303	-0,003	0,007	0,191	FALSE
0,051	0,316	0,001	0,008	0,064	FALSE
-0,087	0,309	-0,004	0,010	0,149	FALSE
0,066	0,308	0,001	0,007	0,059	FALSE
-0,113	0,304	-0,003	0,008	0,156	FALSE
-0,098	0,314	-0,003	0,008	0,122	FALSE
-0,126	0,319	-0,003	0,008	0,149	FALSE
-0,065	0,307	-0,002	0,006	0,092	FALSE
0,151	0,302	0,005	0,010	0,242	FALSE
0,029	0,309	0,001	0,012	0,040	FALSE
0,059	0,314	0,001	0,009	0,042	FALSE
0,012	0,307	0,000	0,011	0,009	FALSE
-0,043	0,306	-0,001	0,010	0,028	FALSE
0,004	0,309	-0,001	0,012	0,022	FALSE
-0,049	0,312	-0,001	0,010	0,054	FALSE
-0,006	0,314	-0,001	0,012	0,038	FALSE
-0,021	0,304	-0,001	0,012	0,026	FALSE
0,063	0,303	0,002	0,008	0,072	FALSE
0,062	0,322	0,003	0,013	0,079	FALSE
0,048	0,314	0,001	0,008	0,062	FALSE
-0,130	0,313	-0,003	0,007	0,192	FALSE

0,028	0,299	0,002	0,011	0,055	FALSE
-0,047	0,296	-0,001	0,006	0,031	FALSE
0,107	0,278	0,003	0,008	0,153	FALSE
0,026	0,317	0,002	0,010	0,060	FALSE
-0,059	0,306	-0,002	0,013	0,044	FALSE
-0,110	0,303	-0,004	0,012	0,124	FALSE
0,085	0,295	0,003	0,009	0,104	FALSE
0,095	0,297	0,002	0,010	0,097	FALSE
0,167	0,297	0,005	0,011	0,193	FALSE
0,121	0,303	0,003	0,011	0,114	FALSE
0,142	0,311	0,002	0,006	0,147	FALSE
0,178	0,301	0,006	0,012	0,206	FALSE
-0,012	0,324	-0,001	0,010	0,017	FALSE
0,031	0,311	0,000	0,007	0,001	FALSE
0,034	0,309	0,001	0,012	0,039	FALSE
0,101	0,313	0,003	0,007	0,153	FALSE
-0,011	0,318	-0,001	0,008	0,034	FALSE
0,029	0,297	0,001	0,008	0,058	FALSE
-0,003	0,304	0,000	0,009	0,016	FALSE
-0,019	0,315	0,000	0,007	0,024	FALSE
0,008	0,317	0,001	0,010	0,023	FALSE
-0,046	0,294	-0,001	0,007	0,044	FALSE
0,114	0,303	0,002	0,007	0,124	FALSE
-0,014	0,298	0,000	0,009	0,003	FALSE
0,013	0,308	0,000	0,006	0,020	FALSE
-0,057	0,301	-0,003	0,012	0,104	FALSE
-0,032	0,299	-0,002	0,012	0,070	FALSE
0,019	0,307	0,001	0,008	0,063	FALSE
-0,030	0,318	-0,001	0,007	0,042	FALSE
-0,088	0,308	-0,002	0,007	0,103	FALSE
-0,035	0,310	-0,001	0,008	0,044	FALSE
-0,013	0,305	0,001	0,009	0,022	FALSE
0,018	0,307	0,001	0,009	0,052	FALSE
0,020	0,320	0,000	0,009	0,011	FALSE
0,046	0,317	0,001	0,009	0,059	FALSE
0,054	0,312	0,002	0,010	0,061	FALSE
0,053	0,300	0,002	0,009	0,089	FALSE
-0,086	0,324	-0,002	0,009	0,082	FALSE
-0,071	0,299	-0,003	0,010	0,126	FALSE
-0,069	0,299	-0,002	0,009	0,095	FALSE
-0,057	0,304	-0,002	0,010	0,072	FALSE
0,009	0,306	0,000	0,008	0,016	FALSE
-0,086	0,311	-0,003	0,010	0,141	FALSE
-0,067	0,311	-0,003	0,011	0,111	FALSE
0,013	0,308	0,000	0,010	0,014	FALSE
-0,033	0,304	-0,001	0,007	0,038	FALSE
0,112	0,299	0,004	0,009	0,161	FALSE
0,058	0,315	0,003	0,013	0,098	FALSE
0,108	0,306	0,004	0,011	0,124	FALSE
-0,039	0,317	0,000	0,011	0,015	FALSE
0,059	0,301	0,002	0,007	0,101	FALSE
0,022	0,304	0,001	0,009	0,034	FALSE
-0,164	0,313	-0,004	0,007	0,226	FALSE

-0,106	0,297	-0,005	0,013	0,174	FALSE
0,046	0,305	0,001	0,007	0,070	FALSE
-0,026	0,297	-0,001	0,008	0,044	FALSE
-0,009	0,297	-0,001	0,008	0,029	FALSE
0,178	0,301	0,005	0,009	0,233	FALSE
-0,168	0,296	-0,006	0,010	0,250	FALSE
0,029	0,324	0,002	0,010	0,067	FALSE
0,097	0,306	0,003	0,012	0,091	FALSE
0,010	0,305	0,000	0,006	0,024	FALSE
0,013	0,311	0,001	0,008	0,038	FALSE
0,011	0,317	0,000	0,009	0,009	FALSE
-0,082	0,306	-0,004	0,012	0,122	FALSE
0,089	0,325	0,002	0,006	0,131	FALSE
0,002	0,299	0,000	0,011	0,001	FALSE
0,052	0,311	0,002	0,013	0,074	FALSE
-0,041	0,308	-0,001	0,007	0,068	FALSE
-0,064	0,321	-0,001	0,007	0,065	FALSE
0,083	0,294	0,002	0,011	0,083	FALSE
-0,077	0,310	-0,002	0,008	0,093	FALSE
-0,099	0,311	-0,002	0,012	0,078	FALSE
-0,078	0,302	-0,002	0,012	0,062	FALSE
-0,022	0,297	-0,001	0,007	0,031	FALSE
-0,036	0,290	-0,002	0,011	0,058	FALSE
0,084	0,298	0,002	0,008	0,109	FALSE
0,019	0,309	0,001	0,010	0,024	FALSE
-0,043	0,305	-0,002	0,007	0,088	FALSE
0,022	0,307	0,001	0,007	0,056	FALSE
-0,142	0,300	-0,004	0,009	0,169	FALSE
-0,137	0,298	-0,004	0,009	0,181	FALSE
-0,154	0,313	-0,004	0,009	0,189	FALSE
-0,065	0,309	-0,002	0,007	0,098	FALSE
0,020	0,317	0,000	0,012	0,004	FALSE
-0,091	0,310	-0,002	0,008	0,100	FALSE
-0,039	0,297	0,000	0,006	0,019	FALSE
0,069	0,311	0,001	0,009	0,061	FALSE
-0,034	0,311	0,000	0,012	0,003	FALSE
-0,025	0,319	0,001	0,012	0,022	FALSE
-0,037	0,310	0,000	0,012	0,007	FALSE
0,091	0,300	0,002	0,008	0,102	FALSE
0,139	0,308	0,003	0,008	0,161	FALSE
0,008	0,305	0,001	0,006	0,042	FALSE
-0,041	0,307	-0,001	0,007	0,047	FALSE
0,030	0,303	0,001	0,009	0,061	FALSE
0,006	0,310	0,000	0,007	0,010	FALSE
0,045	0,316	0,002	0,011	0,062	FALSE
0,075	0,313	0,002	0,008	0,086	FALSE
0,041	0,300	0,001	0,008	0,059	FALSE
-0,118	0,308	-0,003	0,007	0,157	FALSE
0,050	0,299	0,001	0,007	0,031	FALSE
0,048	0,310	0,001	0,013	0,026	FALSE
-0,016	0,304	0,000	0,011	0,014	FALSE
-0,035	0,305	-0,002	0,009	0,088	FALSE
-0,050	0,293	-0,002	0,010	0,057	FALSE

-0,061	0,316	-0,002	0,011	0,078	FALSE
0,052	0,300	0,003	0,011	0,092	FALSE
-0,101	0,300	-0,003	0,008	0,137	FALSE
0,017	0,311	0,001	0,007	0,026	FALSE
0,013	0,304	0,001	0,007	0,029	FALSE
-0,144	0,304	-0,004	0,008	0,193	FALSE
-0,121	0,309	-0,003	0,008	0,172	FALSE
0,112	0,301	0,002	0,006	0,149	FALSE
-0,008	0,314	-0,001	0,011	0,036	FALSE
-0,038	0,303	-0,002	0,011	0,072	FALSE
0,026	0,309	0,001	0,007	0,054	FALSE
0,029	0,307	0,001	0,007	0,053	FALSE
-0,013	0,308	0,000	0,007	0,006	FALSE
-0,019	0,313	-0,002	0,010	0,054	FALSE
0,038	0,314	0,002	0,011	0,065	FALSE
0,006	0,309	0,000	0,012	0,004	FALSE
-0,151	0,310	-0,004	0,008	0,203	FALSE
-0,004	0,298	-0,001	0,012	0,023	FALSE
-0,027	0,307	-0,001	0,011	0,030	FALSE
-0,073	0,306	-0,002	0,006	0,090	FALSE
-0,033	0,298	-0,001	0,009	0,033	FALSE
0,079	0,312	0,001	0,006	0,071	FALSE
-0,084	0,319	-0,002	0,011	0,084	FALSE
0,111	0,303	0,003	0,006	0,163	FALSE
0,034	0,299	0,002	0,012	0,053	FALSE
0,030	0,307	0,002	0,013	0,048	FALSE
-0,014	0,300	-0,001	0,010	0,037	FALSE
0,023	0,311	0,000	0,010	0,005	FALSE
-0,038	0,298	-0,002	0,009	0,062	FALSE
-0,074	0,307	-0,003	0,010	0,123	FALSE
0,123	0,299	0,003	0,009	0,148	FALSE
-0,032	0,295	-0,002	0,009	0,064	FALSE
-0,057	0,306	-0,001	0,008	0,042	FALSE
-0,013	0,303	-0,001	0,011	0,020	FALSE
-0,079	0,291	-0,001	0,008	0,064	FALSE
0,056	0,305	0,001	0,012	0,043	FALSE
0,003	0,304	0,000	0,006	0,016	FALSE
-0,110	0,307	-0,003	0,010	0,131	FALSE
0,049	0,290	0,000	0,008	0,016	FALSE
0,036	0,307	0,000	0,008	0,020	FALSE
0,020	0,304	0,001	0,008	0,050	FALSE
0,019	0,313	0,000	0,007	0,012	FALSE
0,032	0,306	0,001	0,006	0,042	FALSE
0,013	0,304	0,000	0,007	0,006	FALSE
0,040	0,304	0,001	0,006	0,039	FALSE
0,034	0,308	0,001	0,006	0,050	FALSE
0,010	0,308	0,000	0,007	0,006	FALSE
-0,055	0,301	-0,002	0,006	0,103	FALSE
-0,001	0,317	0,000	0,008	0,004	FALSE
-0,003	0,321	0,001	0,013	0,014	FALSE
-0,068	0,311	-0,002	0,012	0,050	FALSE
-0,017	0,307	-0,001	0,008	0,033	FALSE
0,148	0,308	0,005	0,011	0,195	FALSE

0,134	0,292	0,005	0,011	0,175	FALSE
-0,089	0,287	-0,004	0,011	0,140	FALSE
0,018	0,311	0,001	0,007	0,043	FALSE
-0,230	0,282	-0,010	0,011	0,431	FALSE
-0,217	0,289	-0,009	0,011	0,370	FALSE
-0,035	0,308	-0,002	0,011	0,066	FALSE
-0,088	0,311	-0,004	0,013	0,107	FALSE
-0,121	0,312	-0,005	0,013	0,161	FALSE
-0,003	0,323	-0,001	0,007	0,029	FALSE
-0,192	0,289	-0,008	0,012	0,309	FALSE
-0,162	0,296	-0,007	0,012	0,249	FALSE
0,045	0,309	0,001	0,007	0,039	FALSE
-0,161	0,307	-0,007	0,012	0,236	FALSE
-0,009	0,311	0,000	0,007	0,024	FALSE
-0,135	0,321	-0,005	0,013	0,144	FALSE
-0,126	0,305	-0,003	0,008	0,129	FALSE
-0,114	0,304	-0,005	0,012	0,168	FALSE
0,077	0,305	0,003	0,011	0,112	FALSE
0,113	0,310	0,003	0,008	0,168	FALSE
-0,099	0,308	-0,002	0,008	0,127	FALSE
-0,037	0,306	0,000	0,007	0,023	FALSE
0,012	0,303	0,000	0,009	0,002	FALSE
-0,122	0,315	-0,003	0,009	0,147	FALSE
-0,142	0,296	-0,005	0,010	0,223	FALSE
0,005	0,310	0,000	0,006	0,001	FALSE
-0,001	0,314	0,000	0,006	0,002	FALSE
-0,096	0,303	-0,002	0,006	0,147	FALSE
0,190	0,298	0,006	0,010	0,247	FALSE
0,081	0,288	0,002	0,011	0,070	FALSE
0,084	0,304	0,002	0,009	0,098	FALSE
0,082	0,304	0,002	0,008	0,092	FALSE
0,191	0,299	0,006	0,010	0,278	FALSE
-0,106	0,330	-0,004	0,012	0,141	FALSE
0,105	0,303	0,002	0,007	0,141	FALSE
0,018	0,306	-0,001	0,013	0,019	FALSE
-0,007	0,318	0,000	0,012	0,011	FALSE
-0,020	0,309	-0,001	0,011	0,018	FALSE
-0,019	0,320	0,000	0,012	0,003	FALSE
-0,067	0,302	-0,001	0,010	0,053	FALSE
0,015	0,310	0,001	0,011	0,031	FALSE
0,116	0,299	0,003	0,008	0,176	FALSE
-0,054	0,305	-0,002	0,007	0,095	FALSE
-0,119	0,314	-0,004	0,011	0,143	FALSE
-0,050	0,309	-0,002	0,012	0,066	FALSE
0,012	0,289	0,001	0,008	0,024	FALSE
-0,046	0,306	-0,001	0,010	0,039	FALSE
-0,083	0,322	-0,002	0,009	0,098	FALSE
-0,042	0,299	-0,002	0,013	0,051	FALSE
0,030	0,319	0,001	0,007	0,051	FALSE
0,034	0,314	0,002	0,009	0,062	FALSE
0,044	0,305	0,001	0,007	0,052	FALSE
0,058	0,316	0,001	0,007	0,077	FALSE
0,024	0,306	0,000	0,010	0,015	FALSE

0,048	0,297	0,001	0,006	0,071	FALSE
0,025	0,317	0,001	0,007	0,032	FALSE
0,013	0,314	0,001	0,008	0,037	FALSE
-0,022	0,302	0,001	0,009	0,024	FALSE
-0,005	0,317	0,000	0,013	0,011	FALSE
0,021	0,317	0,001	0,012	0,022	FALSE
-0,043	0,296	-0,001	0,009	0,059	FALSE
0,119	0,302	0,004	0,009	0,184	FALSE
0,021	0,312	0,000	0,006	0,025	FALSE
0,075	0,306	0,002	0,008	0,094	FALSE
-0,004	0,316	0,000	0,009	0,006	FALSE
-0,079	0,306	-0,002	0,006	0,106	FALSE
-0,058	0,307	-0,002	0,011	0,072	FALSE
-0,092	0,309	-0,002	0,007	0,108	FALSE
-0,013	0,302	0,000	0,009	0,013	FALSE
-0,106	0,300	-0,004	0,010	0,167	FALSE
0,016	0,320	0,000	0,006	0,001	FALSE
0,111	0,307	0,004	0,010	0,146	FALSE
-0,062	0,307	-0,001	0,007	0,031	FALSE
-0,010	0,315	0,000	0,007	0,019	FALSE
0,047	0,318	0,002	0,012	0,048	FALSE
0,053	0,309	0,004	0,012	0,124	FALSE
-0,038	0,286	-0,001	0,008	0,035	FALSE
-0,101	0,317	-0,004	0,009	0,168	FALSE
0,016	0,310	0,000	0,006	0,007	FALSE
0,014	0,317	0,001	0,012	0,017	FALSE
0,108	0,306	0,003	0,008	0,156	FALSE
-0,009	0,309	0,000	0,011	0,001	FALSE
-0,024	0,302	0,000	0,012	0,011	FALSE
-0,036	0,309	-0,001	0,006	0,061	TRUE
-0,032	0,304	-0,001	0,012	0,035	FALSE
-0,016	0,323	-0,001	0,010	0,029	FALSE
-0,074	0,310	-0,002	0,007	0,115	FALSE
-0,093	0,314	-0,002	0,007	0,124	FALSE
0,105	0,304	0,005	0,012	0,155	FALSE
0,080	0,313	0,004	0,013	0,129	FALSE
0,099	0,305	0,003	0,010	0,117	FALSE
-0,054	0,316	-0,003	0,011	0,087	FALSE
0,003	0,289	0,001	0,010	0,052	FALSE
0,050	0,317	0,001	0,008	0,067	FALSE
0,109	0,301	0,004	0,010	0,146	FALSE
-0,041	0,322	-0,001	0,010	0,042	FALSE
-0,021	0,307	-0,001	0,008	0,026	FALSE
-0,019	0,300	0,000	0,008	0,017	FALSE
-0,151	0,313	-0,006	0,012	0,191	FALSE
-0,036	0,314	-0,001	0,008	0,034	FALSE
-0,043	0,305	-0,001	0,008	0,046	FALSE
-0,023	0,305	0,000	0,008	0,018	FALSE
0,023	0,309	0,000	0,010	0,008	FALSE
0,012	0,302	0,000	0,007	0,002	FALSE
0,038	0,318	0,001	0,007	0,048	FALSE
0,041	0,306	0,001	0,007	0,065	FALSE
-0,059	0,315	-0,002	0,012	0,069	FALSE

-0,057	0,316	-0,001	0,009	0,049	FALSE
-0,076	0,307	-0,002	0,008	0,075	FALSE
-0,086	0,307	-0,002	0,008	0,109	FALSE
0,010	0,315	0,001	0,008	0,030	FALSE
-0,033	0,306	-0,001	0,009	0,062	FALSE
-0,075	0,310	-0,002	0,007	0,090	FALSE
-0,096	0,320	-0,002	0,007	0,123	FALSE
0,065	0,300	0,002	0,011	0,071	FALSE
0,024	0,290	0,000	0,012	0,003	FALSE
-0,061	0,306	-0,001	0,007	0,066	FALSE
-0,136	0,306	-0,003	0,008	0,132	FALSE
0,066	0,307	0,002	0,009	0,077	FALSE
-0,046	0,321	-0,002	0,012	0,055	FALSE
-0,070	0,303	-0,002	0,011	0,065	FALSE
0,024	0,283	0,001	0,008	0,060	FALSE
-0,026	0,305	0,000	0,007	0,020	FALSE
0,100	0,304	0,003	0,008	0,148	FALSE
-0,019	0,322	0,000	0,009	0,002	FALSE
-0,016	0,321	0,000	0,009	0,003	FALSE
-0,117	0,296	-0,004	0,009	0,163	FALSE
-0,066	0,318	-0,003	0,012	0,110	FALSE
0,020	0,302	0,001	0,008	0,047	FALSE
-0,056	0,301	-0,002	0,011	0,056	FALSE
-0,041	0,310	-0,001	0,011	0,042	FALSE
-0,025	0,297	0,000	0,007	0,001	FALSE
0,000	0,307	0,000	0,011	0,002	FALSE
0,028	0,301	0,001	0,008	0,041	FALSE
0,018	0,304	0,001	0,007	0,032	FALSE
0,017	0,297	0,001	0,007	0,027	FALSE
-0,051	0,309	-0,001	0,007	0,046	FALSE
-0,002	0,309	0,001	0,011	0,017	FALSE
0,006	0,295	0,001	0,011	0,035	FALSE
0,035	0,305	0,002	0,008	0,087	FALSE
-0,108	0,312	-0,004	0,010	0,169	FALSE
0,066	0,296	0,002	0,008	0,114	FALSE
-0,104	0,304	-0,004	0,012	0,120	FALSE
0,087	0,302	0,003	0,011	0,117	FALSE
-0,017	0,300	0,000	0,012	0,012	FALSE
-0,049	0,285	-0,001	0,006	0,075	FALSE
-0,011	0,297	0,000	0,007	0,003	FALSE
-0,077	0,304	-0,004	0,011	0,140	FALSE
0,135	0,298	0,003	0,006	0,236	FALSE
-0,091	0,310	-0,003	0,009	0,119	FALSE
-0,029	0,319	-0,001	0,006	0,055	FALSE
-0,035	0,296	-0,001	0,011	0,033	FALSE
0,007	0,305	0,000	0,009	0,019	FALSE
-0,006	0,309	-0,001	0,009	0,030	FALSE
-0,099	0,293	-0,001	0,007	0,074	FALSE
-0,122	0,303	-0,002	0,007	0,102	FALSE
-0,039	0,306	-0,001	0,009	0,023	FALSE
-0,047	0,311	-0,001	0,007	0,071	FALSE
0,074	0,312	0,003	0,012	0,086	FALSE
0,003	0,302	0,001	0,012	0,016	FALSE

0,004	0,318	0,001	0,012	0,026	FALSE
0,112	0,318	0,004	0,011	0,133	FALSE
-0,033	0,318	-0,001	0,010	0,024	FALSE
0,187	0,290	0,006	0,008	0,327	FALSE
-0,088	0,313	-0,003	0,010	0,105	FALSE
0,008	0,314	0,000	0,006	0,014	FALSE
0,023	0,302	0,000	0,012	0,008	FALSE
0,013	0,303	0,000	0,010	0,013	FALSE
-0,028	0,311	-0,001	0,008	0,058	FALSE
0,158	0,298	0,007	0,012	0,235	FALSE
0,032	0,312	0,001	0,008	0,045	FALSE
-0,030	0,313	0,000	0,008	0,015	FALSE
-0,060	0,317	-0,001	0,009	0,036	FALSE
0,059	0,309	0,002	0,009	0,073	FALSE
-0,145	0,331	-0,003	0,007	0,169	FALSE
0,070	0,313	0,003	0,008	0,118	FALSE
0,012	0,300	0,000	0,008	0,001	FALSE
-0,023	0,309	-0,002	0,012	0,056	FALSE
-0,016	0,310	0,000	0,009	0,007	FALSE
0,078	0,306	0,002	0,007	0,124	FALSE
-0,013	0,311	0,000	0,006	0,002	FALSE
-0,034	0,303	-0,002	0,011	0,063	FALSE
-0,084	0,305	-0,002	0,009	0,070	FALSE
-0,080	0,315	-0,002	0,009	0,072	FALSE
-0,075	0,309	-0,002	0,009	0,062	FALSE
-0,045	0,316	-0,001	0,009	0,026	FALSE
-0,049	0,310	-0,001	0,009	0,041	FALSE
-0,068	0,308	-0,002	0,008	0,088	FALSE
-0,045	0,305	-0,001	0,007	0,050	FALSE
0,044	0,316	0,001	0,007	0,042	FALSE
-0,064	0,303	-0,001	0,008	0,057	FALSE
0,022	0,310	0,001	0,011	0,018	FALSE
0,040	0,321	0,001	0,012	0,044	FALSE
0,028	0,296	0,001	0,006	0,072	FALSE
-0,101	0,306	-0,003	0,007	0,153	FALSE
-0,094	0,304	-0,002	0,007	0,140	FALSE
0,022	0,305	0,001	0,012	0,023	FALSE
0,043	0,300	0,000	0,007	0,016	FALSE
0,001	0,318	-0,001	0,011	0,018	FALSE
0,197	0,297	0,006	0,008	0,297	FALSE
-0,075	0,299	-0,001	0,006	0,051	FALSE
0,204	0,317	0,006	0,009	0,291	FALSE
-0,059	0,308	-0,001	0,006	0,049	FALSE
-0,061	0,311	-0,001	0,007	0,045	FALSE
0,054	0,315	0,002	0,012	0,074	FALSE
-0,017	0,298	0,000	0,007	0,011	FALSE
-0,059	0,305	-0,001	0,007	0,051	FALSE
-0,034	0,310	-0,002	0,010	0,065	FALSE
0,005	0,305	0,000	0,011	0,004	FALSE
0,029	0,307	0,001	0,010	0,029	FALSE
0,007	0,305	0,000	0,007	0,025	FALSE
-0,034	0,312	-0,001	0,008	0,028	FALSE
0,009	0,311	0,002	0,012	0,056	FALSE

-0,094	0,308	-0,002	0,009	0,109	FALSE
-0,016	0,322	0,000	0,008	0,014	FALSE
0,060	0,302	0,002	0,012	0,072	FALSE
0,022	0,302	0,001	0,012	0,047	FALSE
-0,047	0,312	-0,002	0,010	0,093	FALSE
-0,002	0,295	-0,001	0,009	0,045	FALSE
-0,036	0,321	-0,002	0,010	0,067	FALSE
0,003	0,288	-0,001	0,009	0,050	FALSE
-0,104	0,296	-0,005	0,012	0,171	FALSE
0,049	0,292	0,001	0,006	0,086	FALSE
-0,024	0,319	-0,001	0,007	0,030	FALSE
-0,023	0,291	0,000	0,007	0,010	FALSE
-0,014	0,320	-0,001	0,013	0,024	FALSE
-0,016	0,305	-0,001	0,012	0,021	FALSE
-0,013	0,305	0,000	0,012	0,009	FALSE
0,002	0,315	0,000	0,012	0,000	FALSE
-0,003	0,322	0,000	0,013	0,004	FALSE
0,011	0,311	0,000	0,013	0,012	FALSE
0,004	0,322	0,000	0,013	0,007	FALSE
-0,011	0,320	-0,001	0,013	0,020	FALSE
-0,001	0,327	0,000	0,013	0,008	FALSE
-0,031	0,302	-0,001	0,008	0,053	FALSE
0,085	0,296	0,003	0,010	0,124	FALSE
-0,067	0,302	-0,002	0,009	0,090	FALSE
-0,073	0,299	-0,004	0,011	0,127	FALSE
-0,061	0,292	-0,003	0,011	0,123	FALSE
0,036	0,314	0,000	0,008	0,017	FALSE
0,060	0,300	0,003	0,011	0,098	FALSE
0,078	0,317	0,004	0,013	0,115	FALSE
-0,111	0,308	-0,003	0,010	0,138	FALSE
0,122	0,310	0,005	0,013	0,167	FALSE
-0,070	0,304	-0,002	0,007	0,114	FALSE
-0,046	0,304	-0,002	0,008	0,079	FALSE
-0,011	0,320	0,000	0,010	0,005	FALSE
-0,069	0,298	-0,003	0,010	0,099	FALSE
0,015	0,305	0,001	0,009	0,060	FALSE
-0,002	0,298	0,001	0,008	0,026	FALSE
-0,049	0,301	-0,002	0,012	0,055	FALSE
-0,040	0,305	-0,001	0,012	0,033	FALSE
-0,074	0,303	-0,002	0,010	0,093	FALSE
-0,074	0,294	-0,002	0,008	0,099	FALSE
0,002	0,303	-0,001	0,010	0,018	FALSE
0,029	0,319	0,001	0,008	0,062	FALSE
0,048	0,303	0,002	0,008	0,087	FALSE
-0,090	0,319	-0,002	0,008	0,099	FALSE
0,024	0,310	0,001	0,012	0,038	FALSE
0,011	0,313	0,000	0,007	0,003	FALSE
0,007	0,312	0,000	0,007	0,004	FALSE
0,010	0,309	-0,001	0,009	0,032	FALSE
0,118	0,302	0,004	0,012	0,145	FALSE
0,033	0,318	0,000	0,009	0,001	FALSE
0,053	0,315	0,002	0,013	0,066	FALSE
0,062	0,306	0,001	0,011	0,026	FALSE

-0,042	0,321	-0,003	0,011	0,090	FALSE
0,018	0,289	0,001	0,012	0,037	FALSE
-0,062	0,311	-0,003	0,012	0,091	FALSE
0,035	0,308	0,001	0,011	0,024	FALSE
0,060	0,312	0,001	0,006	0,049	FALSE
-0,052	0,306	-0,003	0,011	0,086	FALSE
-0,030	0,313	-0,002	0,011	0,057	FALSE
-0,071	0,300	-0,004	0,012	0,120	FALSE
-0,036	0,299	-0,001	0,013	0,036	FALSE
-0,154	0,308	-0,004	0,008	0,210	FALSE
-0,059	0,318	-0,003	0,013	0,092	FALSE
0,019	0,306	0,001	0,009	0,038	FALSE
-0,080	0,312	-0,004	0,012	0,134	FALSE
-0,020	0,316	0,000	0,011	0,014	FALSE
-0,039	0,305	0,000	0,007	0,016	FALSE
-0,151	0,298	-0,004	0,009	0,205	FALSE
-0,065	0,303	-0,002	0,009	0,078	FALSE
-0,071	0,298	-0,001	0,006	0,048	FALSE
-0,152	0,321	-0,004	0,008	0,219	FALSE
-0,079	0,314	-0,002	0,007	0,086	FALSE
-0,027	0,310	-0,002	0,012	0,050	FALSE
-0,016	0,321	0,000	0,009	0,005	FALSE
0,035	0,309	0,001	0,008	0,026	FALSE
-0,093	0,309	-0,002	0,007	0,094	FALSE
0,009	0,300	0,001	0,008	0,041	FALSE
0,044	0,308	0,002	0,008	0,074	FALSE
-0,062	0,301	-0,002	0,008	0,102	FALSE
-0,051	0,306	-0,001	0,007	0,055	FALSE
-0,174	0,293	-0,006	0,010	0,254	FALSE
-0,152	0,306	-0,005	0,010	0,197	FALSE
-0,151	0,296	-0,005	0,010	0,230	FALSE
-0,159	0,308	-0,006	0,010	0,235	FALSE
0,121	0,309	0,003	0,007	0,190	FALSE
0,089	0,287	0,002	0,007	0,128	FALSE
0,083	0,302	0,003	0,011	0,121	FALSE
0,038	0,304	0,002	0,011	0,064	FALSE
0,069	0,326	0,002	0,007	0,098	FALSE
-0,101	0,285	-0,002	0,006	0,145	FALSE
0,168	0,296	0,006	0,011	0,255	FALSE
-0,089	0,299	-0,002	0,007	0,124	FALSE
0,101	0,302	0,003	0,011	0,119	FALSE
0,044	0,301	0,001	0,012	0,042	FALSE
-0,119	0,287	-0,003	0,007	0,172	FALSE
-0,092	0,300	-0,003	0,011	0,113	FALSE
-0,117	0,287	-0,004	0,011	0,139	FALSE
-0,135	0,298	-0,005	0,012	0,170	FALSE
0,081	0,315	0,002	0,008	0,090	FALSE
0,093	0,287	0,003	0,008	0,135	FALSE
-0,077	0,321	-0,002	0,008	0,076	FALSE
-0,014	0,298	-0,001	0,011	0,019	FALSE
-0,014	0,303	0,000	0,007	0,006	FALSE
0,130	0,321	0,005	0,011	0,173	FALSE
-0,166	0,291	-0,004	0,008	0,232	FALSE

0,140	0,303	0,005	0,011	0,197	FALSE
-0,045	0,301	-0,002	0,010	0,068	FALSE
0,058	0,311	0,001	0,007	0,054	FALSE
-0,006	0,301	0,000	0,008	0,018	FALSE
-0,065	0,302	-0,003	0,010	0,093	FALSE
-0,091	0,318	-0,003	0,011	0,123	FALSE
-0,095	0,296	-0,002	0,007	0,100	FALSE
0,003	0,320	-0,001	0,012	0,018	FALSE
-0,112	0,319	-0,003	0,011	0,116	FALSE
0,070	0,302	0,002	0,011	0,072	FALSE
0,040	0,299	0,001	0,011	0,028	FALSE
0,056	0,304	0,002	0,012	0,066	FALSE
0,092	0,297	0,002	0,010	0,083	FALSE
0,105	0,300	0,004	0,009	0,158	FALSE
0,019	0,307	0,000	0,008	0,018	FALSE
-0,105	0,303	-0,002	0,006	0,115	FALSE
0,028	0,310	0,000	0,008	0,004	FALSE
-0,101	0,323	-0,002	0,007	0,105	FALSE
-0,027	0,311	-0,001	0,007	0,046	FALSE
0,072	0,314	0,002	0,009	0,090	FALSE
-0,131	0,293	-0,003	0,007	0,173	FALSE
0,099	0,298	0,003	0,007	0,154	FALSE
-0,001	0,303	0,000	0,011	0,002	FALSE
-0,074	0,303	-0,004	0,012	0,138	FALSE
-0,047	0,304	-0,001	0,006	0,062	FALSE
-0,029	0,305	-0,001	0,008	0,033	FALSE
-0,125	0,293	-0,004	0,008	0,206	FALSE
0,052	0,305	0,002	0,011	0,079	FALSE
-0,013	0,313	-0,001	0,012	0,018	FALSE
-0,044	0,299	-0,002	0,011	0,059	FALSE
0,062	0,300	0,002	0,008	0,116	FALSE
0,077	0,306	0,003	0,008	0,145	FALSE
-0,106	0,300	-0,002	0,006	0,137	FALSE
-0,033	0,298	0,000	0,006	0,014	FALSE
-0,126	0,308	-0,003	0,006	0,172	FALSE
-0,056	0,310	-0,004	0,013	0,126	FALSE
-0,051	0,311	-0,003	0,013	0,096	FALSE
-0,037	0,309	-0,002	0,012	0,072	FALSE
-0,111	0,301	-0,006	0,013	0,186	FALSE
0,010	0,301	0,001	0,012	0,030	FALSE
0,082	0,318	0,003	0,011	0,094	FALSE
-0,007	0,301	0,000	0,006	0,005	FALSE
0,013	0,298	0,001	0,010	0,032	FALSE
-0,060	0,319	-0,004	0,013	0,110	FALSE
-0,078	0,304	-0,001	0,007	0,061	FALSE
0,013	0,326	0,001	0,012	0,037	FALSE
-0,099	0,311	-0,004	0,011	0,146	FALSE
-0,002	0,306	0,000	0,008	0,009	FALSE
0,002	0,306	0,001	0,008	0,025	FALSE
-0,096	0,315	-0,003	0,008	0,136	FALSE
0,075	0,308	0,003	0,012	0,096	FALSE
-0,017	0,305	0,000	0,009	0,007	FALSE
-0,195	0,300	-0,007	0,011	0,270	FALSE

-0,233	0,294	-0,010	0,012	0,394	FALSE
0,186	0,298	0,006	0,010	0,275	FALSE
-0,185	0,306	-0,007	0,013	0,232	FALSE
0,054	0,297	0,002	0,012	0,068	FALSE
-0,053	0,305	-0,001	0,009	0,040	FALSE
-0,031	0,307	-0,001	0,006	0,031	FALSE
0,022	0,295	0,000	0,010	0,014	FALSE
0,007	0,300	0,000	0,010	0,016	FALSE
-0,021	0,305	-0,002	0,010	0,055	FALSE
-0,216	0,301	-0,006	0,009	0,297	FALSE
0,006	0,307	0,001	0,013	0,027	FALSE
-0,079	0,301	-0,003	0,010	0,096	FALSE
-0,215	0,299	-0,006	0,008	0,324	FALSE
0,124	0,303	0,003	0,007	0,146	FALSE
-0,019	0,308	0,000	0,007	0,015	FALSE
-0,046	0,307	-0,001	0,006	0,049	FALSE
0,054	0,313	0,001	0,007	0,049	FALSE
-0,195	0,296	-0,008	0,012	0,323	FALSE
-0,051	0,304	-0,003	0,011	0,098	FALSE
-0,090	0,302	-0,004	0,011	0,147	FALSE
-0,124	0,313	-0,003	0,007	0,170	FALSE
0,079	0,305	0,003	0,013	0,098	FALSE
0,019	0,307	0,001	0,013	0,016	FALSE
0,123	0,293	0,003	0,006	0,205	FALSE
0,087	0,288	0,004	0,009	0,176	FALSE
0,135	0,316	0,003	0,007	0,208	FALSE
0,031	0,300	0,001	0,011	0,023	FALSE
0,132	0,304	0,005	0,010	0,221	FALSE
-0,013	0,310	-0,001	0,007	0,031	FALSE
0,000	0,308	0,000	0,007	0,024	FALSE
-0,084	0,312	-0,002	0,008	0,103	FALSE
0,020	0,302	0,000	0,007	0,014	FALSE
0,056	0,296	0,001	0,007	0,056	FALSE
-0,001	0,315	0,000	0,010	0,006	FALSE
0,053	0,316	0,002	0,012	0,068	FALSE
0,058	0,324	0,002	0,013	0,070	FALSE
0,092	0,311	0,004	0,012	0,116	FALSE
0,063	0,301	0,002	0,007	0,116	FALSE
0,030	0,302	0,001	0,007	0,036	FALSE
0,066	0,307	0,003	0,013	0,092	FALSE
0,022	0,319	0,001	0,010	0,039	FALSE
0,059	0,303	0,002	0,008	0,087	FALSE
0,017	0,310	0,000	0,010	0,002	FALSE
-0,050	0,294	-0,003	0,012	0,089	FALSE
0,020	0,317	0,000	0,011	0,012	FALSE
0,104	0,311	0,002	0,007	0,129	FALSE
0,008	0,293	0,000	0,007	0,001	FALSE
0,090	0,293	0,003	0,009	0,119	FALSE
0,045	0,304	0,001	0,011	0,045	FALSE
0,051	0,313	0,001	0,009	0,055	FALSE
-0,010	0,305	-0,001	0,007	0,026	FALSE
0,052	0,294	0,001	0,009	0,045	FALSE
0,032	0,305	0,000	0,009	0,016	FALSE

0,034	0,296	0,001	0,010	0,021	FALSE
0,046	0,324	0,001	0,010	0,042	FALSE
-0,058	0,315	-0,002	0,009	0,086	FALSE
0,113	0,303	0,004	0,012	0,148	FALSE
-0,089	0,300	-0,002	0,007	0,101	FALSE
-0,170	0,318	-0,006	0,010	0,242	FALSE
0,132	0,294	0,006	0,012	0,198	FALSE
0,139	0,311	0,006	0,013	0,199	FALSE
0,148	0,293	0,007	0,013	0,233	FALSE
0,013	0,292	0,000	0,011	0,003	FALSE
0,001	0,295	-0,001	0,011	0,032	FALSE
-0,177	0,301	-0,004	0,007	0,246	FALSE
-0,054	0,305	-0,001	0,007	0,063	FALSE
0,056	0,308	0,000	0,008	0,018	FALSE
0,015	0,303	0,002	0,012	0,061	FALSE
0,048	0,315	0,001	0,007	0,045	FALSE
-0,082	0,319	-0,002	0,012	0,073	FALSE
-0,075	0,296	-0,002	0,008	0,072	FALSE
-0,059	0,302	-0,001	0,007	0,063	FALSE
0,133	0,305	0,004	0,008	0,225	FALSE
-0,129	0,294	-0,002	0,006	0,152	FALSE
-0,019	0,307	0,000	0,009	0,015	FALSE
-0,017	0,305	0,000	0,008	0,010	FALSE
0,061	0,303	0,002	0,007	0,088	FALSE
-0,065	0,313	-0,002	0,009	0,081	FALSE
-0,054	0,313	-0,002	0,011	0,064	FALSE
0,046	0,308	0,001	0,006	0,038	FALSE
-0,054	0,312	-0,001	0,006	0,049	FALSE
0,080	0,298	0,001	0,007	0,062	FALSE
-0,083	0,296	-0,001	0,009	0,047	FALSE
0,038	0,316	0,001	0,007	0,049	FALSE
0,065	0,294	0,001	0,008	0,040	FALSE
0,080	0,302	0,001	0,008	0,060	FALSE
-0,037	0,313	-0,002	0,012	0,076	FALSE
0,092	0,311	0,003	0,009	0,127	FALSE
0,016	0,315	0,000	0,012	0,005	FALSE
-0,113	0,299	-0,004	0,011	0,164	FALSE
-0,043	0,306	-0,002	0,008	0,088	FALSE
0,047	0,300	0,001	0,007	0,054	FALSE
-0,020	0,306	0,000	0,011	0,014	FALSE
0,049	0,316	0,003	0,013	0,073	FALSE
-0,018	0,309	-0,001	0,012	0,031	FALSE
-0,103	0,295	-0,004	0,009	0,189	FALSE
-0,032	0,301	0,000	0,006	0,013	FALSE
0,010	0,309	0,001	0,008	0,041	FALSE
-0,033	0,320	-0,002	0,011	0,050	FALSE
-0,004	0,300	0,000	0,008	0,004	FALSE
-0,015	0,290	-0,002	0,009	0,073	FALSE
-0,116	0,290	-0,005	0,012	0,157	FALSE
-0,022	0,308	0,000	0,009	0,011	FALSE
-0,090	0,305	-0,003	0,008	0,164	FALSE
-0,040	0,307	-0,001	0,013	0,040	FALSE
-0,064	0,314	-0,002	0,010	0,066	FALSE

-0,001	0,305	0,000	0,012	0,013	FALSE
-0,088	0,296	-0,003	0,008	0,172	FALSE
-0,116	0,312	-0,005	0,009	0,212	FALSE
-0,024	0,301	-0,001	0,012	0,024	FALSE
-0,013	0,304	-0,001	0,011	0,033	FALSE
-0,056	0,311	-0,002	0,011	0,077	FALSE
0,017	0,311	0,000	0,007	0,024	FALSE
-0,021	0,304	-0,001	0,012	0,019	FALSE
0,087	0,308	0,002	0,008	0,126	FALSE
0,119	0,308	0,003	0,007	0,154	FALSE
0,041	0,308	0,001	0,007	0,032	FALSE
0,089	0,319	0,002	0,007	0,110	FALSE
0,100	0,310	0,004	0,010	0,144	FALSE
0,100	0,312	0,004	0,011	0,142	FALSE
-0,038	0,309	-0,001	0,006	0,047	FALSE
-0,076	0,306	-0,002	0,007	0,092	FALSE
0,082	0,295	0,002	0,006	0,138	FALSE
-0,010	0,292	0,000	0,008	0,019	FALSE
-0,059	0,303	-0,001	0,009	0,038	FALSE
0,107	0,304	0,002	0,006	0,154	FALSE
-0,105	0,302	-0,002	0,007	0,113	FALSE
-0,086	0,316	-0,003	0,012	0,100	FALSE
-0,097	0,306	-0,002	0,006	0,120	FALSE
-0,076	0,291	-0,003	0,012	0,091	FALSE
0,013	0,304	0,000	0,009	0,002	FALSE
0,033	0,313	0,001	0,009	0,023	FALSE
-0,077	0,294	-0,002	0,006	0,101	FALSE
0,006	0,300	-0,001	0,011	0,018	FALSE
-0,019	0,318	0,000	0,009	0,018	FALSE
-0,015	0,317	0,000	0,009	0,002	FALSE
0,039	0,279	0,001	0,008	0,035	FALSE
0,013	0,302	0,001	0,012	0,021	FALSE
-0,038	0,307	-0,002	0,010	0,059	FALSE
-0,002	0,301	0,000	0,010	0,005	FALSE
-0,065	0,320	-0,002	0,009	0,091	FALSE
-0,030	0,303	-0,001	0,009	0,040	FALSE
-0,165	0,294	-0,004	0,008	0,206	FALSE
-0,002	0,306	0,001	0,011	0,021	FALSE
0,058	0,309	0,002	0,011	0,081	FALSE
0,131	0,294	0,004	0,008	0,201	FALSE
0,107	0,303	0,004	0,008	0,172	FALSE
0,018	0,305	0,001	0,011	0,035	FALSE
-0,003	0,307	0,000	0,009	0,009	FALSE
0,049	0,305	0,002	0,007	0,085	FALSE
0,040	0,305	0,002	0,011	0,074	FALSE
0,019	0,321	0,001	0,010	0,026	FALSE
0,007	0,304	0,001	0,007	0,028	FALSE
0,068	0,308	0,002	0,010	0,092	FALSE
-0,137	0,309	-0,004	0,010	0,181	FALSE
-0,085	0,302	-0,003	0,011	0,128	FALSE
-0,126	0,306	-0,005	0,011	0,176	FALSE
-0,032	0,321	-0,001	0,012	0,043	FALSE
0,097	0,301	0,002	0,006	0,130	FALSE

0,008	0,297	0,000	0,006	0,001	FALSE
0,041	0,309	0,001	0,006	0,046	FALSE
-0,042	0,313	-0,001	0,007	0,076	FALSE
0,052	0,306	0,001	0,007	0,065	FALSE
0,122	0,312	0,002	0,006	0,155	FALSE
0,081	0,307	0,002	0,006	0,100	FALSE
0,021	0,305	0,000	0,007	0,016	FALSE
0,098	0,298	0,004	0,011	0,156	FALSE
-0,108	0,300	-0,004	0,012	0,123	FALSE
-0,076	0,317	-0,002	0,007	0,105	FALSE
0,098	0,306	0,002	0,006	0,112	FALSE
0,105	0,302	0,003	0,007	0,138	FALSE
0,019	0,311	0,000	0,010	0,011	FALSE
0,166	0,301	0,008	0,012	0,283	FALSE
0,028	0,306	0,000	0,008	0,020	FALSE
0,018	0,314	0,000	0,007	0,014	FALSE
0,075	0,308	0,003	0,011	0,103	FALSE
-0,094	0,303	-0,004	0,011	0,126	FALSE
-0,052	0,317	-0,003	0,012	0,093	FALSE
0,058	0,306	0,003	0,012	0,090	FALSE
-0,048	0,295	-0,002	0,012	0,061	FALSE
-0,026	0,308	-0,001	0,010	0,043	FALSE
0,069	0,306	0,002	0,008	0,100	FALSE
0,126	0,304	0,003	0,007	0,150	FALSE
-0,048	0,299	-0,001	0,006	0,062	FALSE
-0,072	0,325	-0,002	0,009	0,093	FALSE
0,006	0,320	0,000	0,008	0,015	FALSE
0,082	0,310	0,003	0,010	0,128	FALSE
0,066	0,305	0,002	0,010	0,095	FALSE
-0,123	0,295	-0,005	0,013	0,166	FALSE
0,022	0,311	0,001	0,009	0,047	FALSE
-0,071	0,315	-0,003	0,013	0,088	FALSE
-0,186	0,306	-0,004	0,007	0,273	FALSE
0,048	0,314	0,001	0,011	0,040	FALSE
-0,030	0,297	-0,002	0,011	0,054	FALSE
-0,084	0,306	-0,004	0,012	0,141	FALSE
0,062	0,310	0,001	0,010	0,050	FALSE
0,002	0,304	0,000	0,008	0,007	FALSE
-0,013	0,325	0,000	0,007	0,007	FALSE
-0,060	0,314	-0,001	0,007	0,053	FALSE
0,014	0,309	0,000	0,007	0,021	FALSE
0,009	0,309	0,001	0,008	0,027	FALSE
-0,038	0,304	0,000	0,007	0,020	FALSE
-0,008	0,321	-0,001	0,009	0,029	FALSE
-0,037	0,314	-0,001	0,007	0,062	FALSE
0,032	0,322	0,001	0,013	0,027	FALSE
-0,029	0,314	-0,001	0,007	0,035	FALSE
-0,062	0,302	-0,002	0,007	0,097	FALSE
-0,047	0,320	-0,001	0,013	0,037	FALSE
-0,053	0,311	-0,002	0,012	0,061	FALSE
-0,037	0,317	-0,001	0,013	0,039	FALSE
-0,048	0,316	-0,002	0,013	0,050	FALSE
-0,037	0,310	-0,002	0,013	0,047	FALSE

-0,042	0,312	-0,002	0,013	0,052	FALSE
-0,041	0,313	-0,002	0,013	0,051	FALSE
-0,009	0,326	0,000	0,013	0,008	FALSE
-0,081	0,306	-0,002	0,007	0,131	FALSE
-0,013	0,305	-0,001	0,010	0,041	FALSE
-0,131	0,297	-0,005	0,011	0,187	FALSE
0,148	0,310	0,003	0,008	0,176	FALSE
-0,127	0,312	-0,005	0,011	0,200	FALSE
0,077	0,313	0,002	0,008	0,111	FALSE
-0,054	0,313	-0,002	0,007	0,077	FALSE
0,120	0,316	0,004	0,010	0,162	FALSE
-0,037	0,307	-0,001	0,006	0,058	FALSE
0,067	0,310	0,002	0,010	0,091	FALSE
0,013	0,310	0,001	0,008	0,021	FALSE
-0,045	0,307	-0,001	0,011	0,049	FALSE
-0,025	0,313	-0,001	0,008	0,032	FALSE
0,019	0,295	0,001	0,008	0,024	FALSE
-0,025	0,306	-0,001	0,006	0,030	FALSE
-0,070	0,304	-0,003	0,012	0,083	FALSE
-0,063	0,299	-0,002	0,011	0,079	FALSE
0,035	0,306	0,002	0,009	0,077	FALSE
-0,036	0,309	-0,001	0,008	0,038	FALSE
-0,042	0,317	-0,001	0,007	0,049	FALSE
0,063	0,298	0,002	0,008	0,100	FALSE
0,049	0,315	0,002	0,010	0,061	FALSE
0,007	0,322	0,000	0,013	0,010	FALSE
-0,003	0,320	0,000	0,013	0,002	FALSE
-0,008	0,312	-0,001	0,013	0,015	FALSE
-0,006	0,311	0,000	0,012	0,013	FALSE
0,011	0,317	0,000	0,013	0,007	FALSE
-0,028	0,315	-0,001	0,013	0,042	FALSE
0,004	0,334	0,000	0,013	0,001	FALSE
0,001	0,309	0,000	0,012	0,006	FALSE
-0,078	0,295	-0,003	0,011	0,111	FALSE
0,091	0,316	0,002	0,007	0,089	FALSE
-0,079	0,312	-0,002	0,007	0,113	FALSE
-0,080	0,317	-0,002	0,008	0,104	FALSE
0,181	0,295	0,008	0,012	0,287	FALSE
-0,143	0,297	-0,005	0,010	0,216	FALSE
-0,044	0,285	-0,001	0,009	0,054	FALSE
-0,194	0,304	-0,008	0,012	0,302	FALSE
-0,029	0,306	-0,002	0,008	0,081	FALSE
-0,051	0,309	-0,001	0,006	0,053	FALSE
-0,044	0,308	-0,001	0,007	0,034	FALSE
0,022	0,310	0,001	0,009	0,025	FALSE
0,005	0,291	0,001	0,007	0,025	FALSE
-0,046	0,310	-0,003	0,010	0,112	FALSE
-0,064	0,324	-0,001	0,006	0,052	FALSE
-0,078	0,293	-0,001	0,008	0,051	FALSE
-0,049	0,303	-0,002	0,011	0,077	FALSE
0,177	0,290	0,007	0,012	0,269	FALSE
-0,059	0,312	-0,001	0,007	0,041	FALSE
0,040	0,299	0,001	0,006	0,084	FALSE

0,060	0,295	0,001	0,007	0,053	FALSE
0,010	0,296	0,000	0,008	0,019	FALSE
0,005	0,312	0,000	0,008	0,010	FALSE
0,022	0,313	0,000	0,007	0,025	FALSE
-0,028	0,301	-0,001	0,009	0,028	FALSE
-0,048	0,304	-0,001	0,008	0,058	FALSE
-0,019	0,302	0,000	0,009	0,008	FALSE
-0,050	0,298	-0,001	0,009	0,055	FALSE
-0,049	0,295	-0,002	0,009	0,071	FALSE
-0,124	0,300	-0,004	0,008	0,191	FALSE
-0,054	0,309	-0,004	0,012	0,113	FALSE
-0,017	0,299	-0,002	0,012	0,049	FALSE
-0,138	0,306	-0,004	0,008	0,202	FALSE
-0,081	0,311	-0,002	0,009	0,075	FALSE
0,023	0,309	0,001	0,008	0,030	FALSE
0,101	0,309	0,003	0,007	0,154	FALSE
-0,029	0,318	-0,001	0,010	0,021	FALSE
0,049	0,307	0,001	0,009	0,024	FALSE
0,133	0,302	0,004	0,010	0,159	FALSE
-0,064	0,322	-0,003	0,011	0,098	FALSE
-0,108	0,308	-0,005	0,011	0,168	FALSE
-0,015	0,310	0,000	0,007	0,009	FALSE
-0,100	0,312	-0,004	0,011	0,124	FALSE
-0,145	0,300	-0,004	0,009	0,217	FALSE
-0,063	0,315	-0,002	0,011	0,051	FALSE
-0,091	0,316	-0,003	0,009	0,110	FALSE
-0,022	0,306	-0,002	0,009	0,083	FALSE
-0,095	0,301	-0,003	0,009	0,144	FALSE
0,202	0,295	0,004	0,006	0,313	FALSE
0,113	0,313	0,004	0,010	0,168	FALSE
0,093	0,305	0,001	0,007	0,076	FALSE
0,069	0,312	0,001	0,006	0,044	FALSE
-0,081	0,311	-0,002	0,010	0,081	FALSE
-0,009	0,299	-0,001	0,006	0,042	FALSE
0,043	0,307	0,001	0,007	0,068	FALSE
-0,099	0,294	-0,002	0,007	0,144	FALSE
-0,126	0,303	-0,004	0,010	0,174	FALSE
-0,102	0,307	-0,003	0,009	0,110	FALSE
0,152	0,304	0,006	0,012	0,216	FALSE
-0,112	0,307	-0,004	0,010	0,148	FALSE
0,197	0,309	0,009	0,013	0,323	FALSE
-0,019	0,294	0,000	0,009	0,009	FALSE
-0,006	0,302	0,000	0,009	0,003	FALSE
0,015	0,316	0,000	0,010	0,002	FALSE
-0,098	0,283	-0,003	0,009	0,132	FALSE
0,000	0,304	0,000	0,013	0,009	FALSE
-0,011	0,295	0,001	0,006	0,030	FALSE
-0,046	0,302	-0,001	0,007	0,033	FALSE
-0,032	0,307	0,000	0,006	0,012	FALSE
-0,033	0,306	-0,001	0,013	0,029	FALSE
-0,145	0,311	-0,003	0,007	0,175	FALSE
-0,129	0,317	-0,003	0,006	0,167	FALSE
-0,144	0,307	-0,003	0,007	0,177	FALSE

-0,180	0,306	-0,003	0,006	0,231	FALSE
-0,217	0,302	-0,006	0,009	0,301	FALSE
0,085	0,312	0,002	0,007	0,114	FALSE
0,071	0,308	0,001	0,006	0,089	FALSE
0,101	0,297	0,004	0,011	0,163	FALSE
-0,002	0,305	0,000	0,008	0,004	FALSE
-0,084	0,303	-0,002	0,011	0,083	FALSE
-0,127	0,297	-0,003	0,008	0,168	FALSE
-0,062	0,315	-0,002	0,013	0,059	FALSE
0,052	0,309	0,002	0,009	0,076	FALSE
-0,112	0,293	-0,003	0,010	0,131	FALSE
0,100	0,289	0,002	0,007	0,143	FALSE
-0,092	0,294	-0,003	0,011	0,109	FALSE
0,025	0,314	0,001	0,013	0,043	FALSE
-0,028	0,301	-0,002	0,012	0,064	FALSE
0,084	0,304	0,003	0,009	0,108	FALSE
-0,059	0,311	-0,002	0,010	0,064	FALSE
-0,077	0,320	-0,003	0,012	0,100	FALSE
-0,048	0,298	-0,002	0,011	0,064	FALSE
-0,066	0,297	-0,003	0,012	0,080	FALSE
-0,089	0,304	-0,004	0,012	0,115	FALSE
-0,079	0,297	-0,003	0,009	0,155	FALSE
0,008	0,311	0,001	0,009	0,025	FALSE
0,117	0,287	0,004	0,008	0,235	FALSE
-0,097	0,314	-0,005	0,012	0,172	FALSE
-0,048	0,308	-0,002	0,010	0,060	FALSE
-0,007	0,305	0,000	0,008	0,014	FALSE
-0,134	0,311	-0,003	0,007	0,143	FALSE
0,055	0,308	0,002	0,009	0,062	FALSE
0,020	0,311	0,001	0,009	0,027	FALSE
0,051	0,311	0,001	0,008	0,040	FALSE
-0,061	0,299	-0,002	0,009	0,090	FALSE
0,044	0,298	0,001	0,007	0,051	FALSE
0,073	0,296	0,001	0,007	0,082	FALSE
-0,078	0,307	-0,002	0,008	0,109	FALSE
0,058	0,308	0,001	0,007	0,067	FALSE
0,006	0,296	0,001	0,007	0,052	FALSE
0,087	0,292	0,003	0,011	0,090	FALSE
-0,031	0,311	-0,001	0,007	0,032	FALSE
0,060	0,319	0,003	0,013	0,083	FALSE
0,095	0,310	0,004	0,012	0,136	FALSE
0,060	0,305	0,002	0,011	0,080	FALSE
0,002	0,318	0,000	0,009	0,001	FALSE
0,002	0,316	0,000	0,010	0,008	FALSE
0,029	0,329	0,001	0,013	0,029	FALSE
0,011	0,306	0,000	0,006	0,011	FALSE
-0,047	0,308	-0,002	0,012	0,069	FALSE
0,088	0,315	0,002	0,011	0,072	FALSE
-0,040	0,321	-0,001	0,007	0,071	FALSE
0,005	0,296	0,000	0,006	0,009	FALSE
0,028	0,313	0,001	0,012	0,032	FALSE
0,028	0,302	0,000	0,008	0,008	FALSE
0,090	0,307	0,002	0,008	0,104	FALSE

0,109	0,315	0,002	0,008	0,119	FALSE
0,124	0,292	0,003	0,009	0,135	FALSE
0,090	0,317	0,002	0,008	0,095	FALSE
-0,031	0,298	-0,001	0,012	0,043	FALSE
-0,119	0,302	-0,003	0,009	0,132	FALSE
-0,057	0,311	-0,003	0,013	0,081	FALSE
-0,137	0,306	-0,004	0,008	0,177	FALSE
0,086	0,317	0,002	0,007	0,087	FALSE
0,048	0,293	0,002	0,008	0,084	FALSE
0,009	0,308	0,000	0,006	0,000	FALSE
-0,016	0,308	0,000	0,010	0,006	FALSE
-0,062	0,307	-0,003	0,012	0,108	FALSE
-0,064	0,304	-0,002	0,008	0,080	FALSE
-0,007	0,308	-0,001	0,007	0,037	FALSE
-0,051	0,319	-0,002	0,010	0,059	FALSE
-0,080	0,316	-0,003	0,010	0,099	FALSE
-0,018	0,315	0,000	0,007	0,021	FALSE
0,038	0,296	0,001	0,007	0,082	FALSE
-0,130	0,304	-0,002	0,007	0,134	FALSE
-0,104	0,308	-0,002	0,007	0,121	FALSE
0,073	0,291	0,003	0,009	0,105	FALSE
-0,105	0,319	-0,004	0,012	0,115	FALSE
-0,026	0,326	-0,001	0,009	0,035	FALSE
0,136	0,301	0,003	0,007	0,172	FALSE
0,122	0,310	0,003	0,008	0,148	FALSE
-0,030	0,311	-0,001	0,007	0,062	FALSE
-0,139	0,289	-0,004	0,008	0,184	FALSE
-0,088	0,298	-0,003	0,009	0,105	FALSE
0,014	0,304	0,000	0,007	0,003	FALSE
0,032	0,307	0,001	0,010	0,042	FALSE
-0,173	0,294	-0,007	0,012	0,245	FALSE
-0,018	0,307	0,000	0,010	0,014	FALSE
0,021	0,305	0,001	0,007	0,046	FALSE
-0,052	0,310	-0,001	0,009	0,060	FALSE
-0,044	0,302	-0,001	0,009	0,040	FALSE
0,038	0,307	0,001	0,011	0,025	FALSE
0,021	0,308	0,001	0,012	0,021	FALSE
-0,087	0,300	-0,002	0,007	0,099	FALSE
-0,017	0,315	0,000	0,007	0,015	FALSE
-0,108	0,324	-0,004	0,010	0,162	FALSE
0,109	0,300	0,004	0,010	0,173	FALSE
0,169	0,297	0,004	0,008	0,251	FALSE
0,058	0,287	0,002	0,009	0,077	FALSE
0,029	0,302	0,001	0,013	0,025	FALSE
-0,037	0,310	-0,002	0,012	0,070	FALSE
-0,046	0,312	-0,001	0,009	0,044	FALSE
0,115	0,297	0,002	0,007	0,131	FALSE
-0,055	0,314	-0,001	0,007	0,072	FALSE
-0,063	0,323	-0,001	0,007	0,075	FALSE
-0,016	0,313	-0,001	0,007	0,042	FALSE
-0,046	0,295	-0,001	0,007	0,061	FALSE
0,108	0,309	0,002	0,008	0,096	FALSE
-0,034	0,316	-0,001	0,008	0,043	FALSE

-0,039	0,294	-0,002	0,009	0,066	FALSE
-0,036	0,314	0,000	0,008	0,020	FALSE
0,019	0,308	0,001	0,010	0,036	FALSE
-0,061	0,319	-0,001	0,008	0,050	FALSE
-0,018	0,312	-0,001	0,010	0,024	FALSE
-0,014	0,310	-0,001	0,009	0,023	FALSE
-0,001	0,303	0,000	0,008	0,006	FALSE
0,129	0,291	0,004	0,010	0,159	FALSE
0,109	0,300	0,003	0,009	0,103	FALSE
-0,044	0,308	-0,001	0,008	0,053	FALSE
0,046	0,299	0,002	0,012	0,054	FALSE
-0,084	0,311	-0,001	0,010	0,045	FALSE
-0,112	0,313	-0,004	0,013	0,115	FALSE
0,098	0,308	0,003	0,007	0,168	FALSE
-0,064	0,311	-0,001	0,008	0,049	FALSE
-0,091	0,303	-0,004	0,011	0,127	FALSE
0,090	0,323	0,002	0,008	0,103	FALSE
-0,175	0,297	-0,006	0,010	0,260	FALSE
-0,121	0,308	-0,005	0,013	0,146	FALSE
-0,151	0,308	-0,004	0,008	0,219	FALSE
0,089	0,302	0,003	0,010	0,105	FALSE
0,087	0,305	0,003	0,012	0,084	FALSE
0,022	0,298	0,001	0,007	0,051	FALSE
0,037	0,318	0,000	0,008	0,021	FALSE
0,069	0,304	0,001	0,008	0,051	FALSE
-0,030	0,312	-0,001	0,012	0,019	FALSE
0,060	0,302	0,002	0,012	0,057	FALSE
0,024	0,306	0,000	0,007	0,001	FALSE
0,057	0,300	0,002	0,013	0,072	FALSE
0,057	0,304	0,001	0,007	0,064	FALSE
0,110	0,313	0,003	0,009	0,118	FALSE
-0,097	0,293	-0,003	0,010	0,127	FALSE
0,189	0,296	0,008	0,011	0,311	FALSE
0,201	0,294	0,008	0,012	0,330	FALSE
0,196	0,286	0,008	0,011	0,340	FALSE
0,065	0,313	0,002	0,009	0,105	FALSE
0,006	0,311	0,000	0,006	0,019	FALSE
0,043	0,315	0,002	0,009	0,074	FALSE
0,099	0,309	0,003	0,007	0,154	FALSE
0,079	0,308	0,004	0,011	0,138	FALSE
-0,018	0,308	0,000	0,007	0,020	FALSE
-0,121	0,290	-0,004	0,009	0,181	FALSE
-0,065	0,305	-0,002	0,006	0,109	FALSE
0,022	0,308	0,000	0,012	0,005	FALSE
0,125	0,305	0,003	0,006	0,172	FALSE
0,090	0,304	0,003	0,010	0,122	FALSE
0,072	0,303	0,001	0,007	0,079	FALSE
-0,141	0,291	-0,006	0,011	0,220	FALSE
-0,026	0,314	-0,001	0,008	0,042	FALSE
-0,012	0,304	-0,001	0,008	0,038	FALSE
0,063	0,308	0,002	0,011	0,082	FALSE
0,077	0,301	0,002	0,006	0,094	FALSE
-0,101	0,302	-0,002	0,006	0,142	FALSE

0,000	0,299	0,000	0,011	0,006	FALSE
0,034	0,302	0,001	0,012	0,025	FALSE
0,125	0,304	0,004	0,008	0,195	FALSE
-0,050	0,285	-0,001	0,006	0,040	FALSE
-0,029	0,307	-0,002	0,012	0,069	FALSE
0,082	0,303	0,003	0,012	0,083	FALSE
0,095	0,296	0,004	0,011	0,129	FALSE
0,004	0,289	0,000	0,007	0,021	FALSE
0,016	0,299	0,000	0,007	0,015	FALSE
-0,037	0,312	0,000	0,009	0,005	FALSE
0,108	0,317	0,002	0,008	0,086	FALSE
-0,029	0,305	-0,001	0,006	0,033	FALSE
0,014	0,312	-0,001	0,012	0,039	FALSE
-0,010	0,300	0,001	0,012	0,036	FALSE
-0,001	0,313	-0,001	0,012	0,017	FALSE
0,040	0,313	0,000	0,008	0,005	FALSE
0,048	0,283	0,002	0,006	0,112	FALSE
-0,061	0,312	-0,002	0,010	0,070	FALSE
-0,061	0,301	-0,003	0,011	0,100	FALSE
-0,068	0,306	-0,001	0,007	0,044	FALSE
-0,015	0,313	0,000	0,009	0,001	FALSE
0,112	0,322	0,003	0,008	0,150	FALSE
-0,020	0,317	-0,001	0,013	0,020	FALSE
0,015	0,313	0,000	0,012	0,009	FALSE
0,008	0,308	0,000	0,012	0,008	FALSE
0,027	0,310	0,001	0,008	0,054	FALSE
-0,013	0,310	-0,001	0,013	0,036	FALSE
-0,020	0,314	-0,002	0,013	0,048	FALSE
-0,049	0,299	-0,003	0,012	0,085	FALSE
-0,046	0,316	-0,002	0,008	0,074	FALSE
-0,181	0,294	-0,004	0,006	0,261	FALSE
0,014	0,311	0,001	0,011	0,023	FALSE
0,031	0,304	0,002	0,012	0,053	FALSE
0,038	0,301	0,001	0,008	0,038	FALSE
-0,019	0,317	0,000	0,009	0,003	FALSE
-0,072	0,318	-0,001	0,007	0,077	FALSE
-0,075	0,304	-0,002	0,007	0,089	FALSE
0,046	0,307	0,002	0,010	0,069	FALSE
0,033	0,298	0,001	0,010	0,051	FALSE
-0,024	0,307	-0,002	0,011	0,061	FALSE
-0,062	0,299	-0,001	0,007	0,068	FALSE
0,071	0,282	0,003	0,011	0,094	FALSE
-0,020	0,323	0,000	0,009	0,020	FALSE
-0,049	0,313	-0,002	0,007	0,093	FALSE
-0,148	0,298	-0,006	0,012	0,214	FALSE
-0,064	0,299	-0,002	0,008	0,096	FALSE
-0,101	0,300	-0,003	0,010	0,116	FALSE
-0,072	0,300	-0,002	0,008	0,112	FALSE
-0,053	0,299	-0,003	0,010	0,100	FALSE
-0,054	0,290	-0,001	0,007	0,076	FALSE
0,102	0,296	0,003	0,010	0,133	FALSE
0,047	0,307	0,003	0,012	0,083	FALSE
0,072	0,303	0,003	0,010	0,099	FALSE

0,064	0,287	0,002	0,008	0,072	FALSE
-0,016	0,328	-0,001	0,013	0,019	FALSE
0,050	0,309	0,002	0,010	0,085	FALSE
-0,081	0,296	-0,001	0,006	0,089	FALSE
-0,002	0,301	0,000	0,009	0,008	FALSE
-0,047	0,313	-0,001	0,008	0,052	FALSE
0,006	0,330	0,000	0,010	0,007	FALSE
-0,129	0,308	-0,004	0,009	0,175	FALSE
-0,036	0,301	-0,001	0,010	0,054	FALSE
0,075	0,305	0,003	0,012	0,110	FALSE
-0,008	0,307	-0,001	0,010	0,027	FALSE
-0,008	0,306	0,000	0,010	0,013	FALSE
0,225	0,286	0,005	0,006	0,381	FALSE
0,065	0,306	0,003	0,013	0,078	FALSE
0,067	0,304	0,003	0,013	0,099	FALSE
0,110	0,292	0,004	0,009	0,160	FALSE
-0,027	0,316	-0,001	0,011	0,028	FALSE
-0,007	0,307	-0,001	0,011	0,018	FALSE
0,088	0,325	0,003	0,010	0,112	FALSE
-0,029	0,306	-0,001	0,008	0,039	FALSE
-0,094	0,308	-0,003	0,010	0,114	FALSE
-0,090	0,308	-0,002	0,011	0,083	FALSE
0,067	0,303	0,002	0,006	0,121	FALSE
0,056	0,295	0,001	0,009	0,056	FALSE
-0,090	0,297	-0,002	0,007	0,099	FALSE
0,115	0,313	0,002	0,007	0,142	FALSE
-0,071	0,305	-0,001	0,008	0,058	FALSE
0,035	0,315	0,001	0,009	0,051	FALSE
0,156	0,299	0,003	0,006	0,223	FALSE
-0,062	0,312	-0,002	0,010	0,066	FALSE
-0,013	0,295	-0,001	0,012	0,037	FALSE
0,103	0,312	0,002	0,007	0,118	FALSE
0,102	0,312	0,003	0,011	0,125	FALSE
-0,146	0,315	-0,005	0,010	0,206	FALSE
-0,012	0,313	-0,001	0,008	0,035	FALSE
-0,029	0,314	-0,001	0,009	0,022	FALSE
0,018	0,310	0,001	0,011	0,023	FALSE
0,020	0,308	0,000	0,006	0,002	FALSE
0,069	0,322	0,001	0,007	0,051	FALSE
0,039	0,322	0,001	0,014	0,024	FALSE
0,094	0,301	0,004	0,010	0,143	FALSE
-0,088	0,305	-0,003	0,010	0,107	FALSE
-0,075	0,315	-0,002	0,010	0,082	FALSE
0,029	0,305	0,002	0,010	0,055	FALSE
0,112	0,303	0,003	0,006	0,180	FALSE
-0,084	0,309	-0,002	0,008	0,089	FALSE
0,087	0,309	0,003	0,012	0,098	FALSE
0,191	0,308	0,005	0,008	0,280	FALSE
-0,052	0,318	-0,001	0,007	0,069	FALSE
-0,044	0,301	-0,001	0,009	0,040	FALSE
-0,097	0,316	-0,002	0,006	0,109	FALSE
-0,024	0,315	0,000	0,007	0,022	FALSE
0,033	0,315	0,001	0,008	0,031	FALSE

-0,192	0,298	-0,007	0,012	0,245	FALSE
0,056	0,305	0,001	0,012	0,047	FALSE
-0,180	0,303	-0,006	0,011	0,222	FALSE
-0,094	0,307	-0,003	0,012	0,115	FALSE
-0,138	0,305	-0,003	0,007	0,210	FALSE
-0,095	0,306	-0,003	0,012	0,112	FALSE
0,047	0,303	0,002	0,007	0,104	FALSE
-0,116	0,294	-0,005	0,011	0,163	FALSE
-0,102	0,306	-0,004	0,012	0,126	FALSE
-0,117	0,303	-0,004	0,012	0,145	FALSE
-0,013	0,314	-0,001	0,012	0,027	FALSE
0,004	0,292	0,001	0,008	0,054	FALSE
-0,005	0,299	0,000	0,007	0,012	FALSE
-0,038	0,301	0,000	0,007	0,006	FALSE
0,003	0,315	0,000	0,007	0,018	FALSE
0,038	0,316	0,001	0,011	0,035	FALSE
0,000	0,312	0,000	0,007	0,015	FALSE
0,008	0,306	0,000	0,006	0,015	FALSE
0,050	0,310	0,002	0,012	0,058	FALSE
-0,003	0,317	-0,001	0,009	0,025	FALSE
0,009	0,315	0,000	0,008	0,009	FALSE
-0,045	0,321	-0,001	0,013	0,036	FALSE
-0,028	0,305	-0,001	0,007	0,055	FALSE
-0,044	0,302	-0,001	0,008	0,040	FALSE
-0,039	0,299	-0,001	0,008	0,065	FALSE
-0,070	0,308	-0,001	0,007	0,080	FALSE
-0,129	0,306	-0,005	0,013	0,154	FALSE
-0,124	0,305	-0,005	0,012	0,161	FALSE
-0,108	0,307	-0,004	0,012	0,131	FALSE
-0,121	0,308	-0,004	0,012	0,136	FALSE
-0,105	0,327	-0,003	0,014	0,097	FALSE
-0,104	0,320	-0,004	0,013	0,114	FALSE
-0,091	0,319	-0,003	0,013	0,092	FALSE
-0,102	0,310	-0,003	0,011	0,114	FALSE
-0,020	0,312	0,000	0,012	0,008	FALSE
0,033	0,315	0,002	0,012	0,049	FALSE
0,054	0,314	0,001	0,006	0,042	FALSE
0,136	0,305	0,005	0,010	0,200	FALSE
0,098	0,309	0,002	0,007	0,145	FALSE
-0,009	0,312	-0,001	0,012	0,038	FALSE
0,163	0,305	0,005	0,009	0,232	FALSE
-0,133	0,299	-0,003	0,007	0,199	FALSE
0,076	0,301	0,002	0,007	0,116	FALSE
-0,010	0,322	-0,001	0,013	0,030	FALSE
-0,061	0,306	-0,001	0,007	0,064	FALSE
0,129	0,304	0,003	0,007	0,177	FALSE
-0,116	0,288	-0,004	0,011	0,128	FALSE
0,095	0,300	0,002	0,008	0,098	FALSE
0,101	0,295	0,002	0,008	0,109	FALSE
-0,199	0,300	-0,008	0,012	0,304	FALSE
-0,041	0,296	-0,001	0,008	0,029	FALSE
0,150	0,295	0,006	0,010	0,270	FALSE
0,019	0,303	0,000	0,007	0,005	FALSE

0,022	0,298	0,001	0,006	0,037	FALSE
-0,076	0,311	-0,004	0,013	0,123	FALSE
0,028	0,313	0,001	0,007	0,039	FALSE
-0,007	0,315	0,000	0,009	0,011	FALSE
0,001	0,311	0,000	0,009	0,001	FALSE
-0,009	0,299	0,000	0,012	0,013	FALSE
-0,107	0,288	-0,004	0,012	0,141	FALSE
-0,037	0,306	-0,001	0,007	0,049	FALSE
-0,099	0,294	-0,003	0,008	0,153	FALSE
-0,083	0,303	-0,002	0,008	0,114	FALSE
-0,042	0,319	-0,002	0,009	0,082	FALSE
-0,087	0,293	-0,003	0,012	0,094	FALSE
-0,083	0,296	-0,003	0,008	0,118	FALSE
0,033	0,285	0,001	0,012	0,046	FALSE
-0,068	0,324	-0,002	0,010	0,082	FALSE
-0,044	0,313	-0,001	0,010	0,052	FALSE
0,052	0,301	0,003	0,013	0,085	FALSE
-0,032	0,338	-0,001	0,010	0,041	FALSE
0,092	0,286	0,004	0,012	0,136	FALSE
0,067	0,305	0,002	0,013	0,060	FALSE
-0,053	0,313	-0,001	0,013	0,040	FALSE
0,017	0,292	0,001	0,007	0,030	FALSE
-0,061	0,307	-0,001	0,007	0,070	FALSE
-0,078	0,319	-0,003	0,012	0,082	FALSE
0,030	0,307	0,001	0,008	0,042	FALSE
-0,019	0,310	-0,001	0,013	0,030	FALSE
0,030	0,314	0,000	0,007	0,009	FALSE
0,103	0,305	0,003	0,008	0,143	FALSE
0,071	0,310	0,002	0,010	0,060	FALSE
-0,028	0,307	-0,001	0,007	0,054	FALSE
-0,073	0,311	-0,002	0,007	0,107	FALSE
-0,066	0,313	-0,002	0,010	0,096	FALSE
0,064	0,308	0,003	0,013	0,073	FALSE
0,038	0,306	0,001	0,011	0,040	FALSE
0,124	0,302	0,003	0,007	0,186	FALSE
0,073	0,307	0,002	0,006	0,105	FALSE
-0,071	0,319	-0,002	0,009	0,084	FALSE
0,091	0,308	0,003	0,009	0,116	FALSE
0,028	0,310	0,001	0,010	0,049	FALSE
0,032	0,312	0,001	0,009	0,059	FALSE
0,071	0,301	0,002	0,010	0,072	FALSE
0,078	0,305	0,002	0,009	0,094	FALSE
0,012	0,307	0,001	0,009	0,026	FALSE
-0,083	0,313	-0,004	0,012	0,116	FALSE
-0,016	0,314	0,000	0,009	0,020	FALSE
-0,013	0,303	0,000	0,008	0,003	FALSE
-0,051	0,317	-0,002	0,012	0,061	FALSE
-0,026	0,324	-0,001	0,013	0,031	FALSE
-0,099	0,316	-0,004	0,012	0,133	FALSE
-0,115	0,305	-0,005	0,012	0,173	FALSE
-0,113	0,303	-0,005	0,013	0,177	FALSE
-0,016	0,316	0,000	0,007	0,015	FALSE
0,050	0,308	0,001	0,008	0,039	FALSE

0,056	0,310	0,002	0,010	0,096	FALSE
0,130	0,284	0,002	0,006	0,122	FALSE
-0,071	0,297	-0,003	0,009	0,140	FALSE
-0,046	0,321	-0,001	0,011	0,016	FALSE
0,044	0,307	0,001	0,008	0,038	FALSE
-0,127	0,301	-0,002	0,008	0,123	FALSE
-0,006	0,308	0,000	0,007	0,009	FALSE
-0,082	0,317	-0,003	0,009	0,124	FALSE
-0,134	0,306	-0,004	0,011	0,157	FALSE
-0,022	0,303	-0,001	0,007	0,035	FALSE
0,000	0,305	0,000	0,006	0,024	FALSE
0,100	0,305	0,005	0,011	0,184	FALSE
0,133	0,304	0,006	0,011	0,225	FALSE
0,005	0,327	0,000	0,013	0,005	FALSE
0,021	0,312	0,000	0,012	0,008	FALSE
0,118	0,322	0,002	0,007	0,140	FALSE
-0,004	0,319	0,000	0,007	0,013	FALSE
0,045	0,300	0,002	0,008	0,085	FALSE
0,052	0,303	0,002	0,009	0,074	FALSE
-0,040	0,322	-0,002	0,011	0,077	FALSE
-0,002	0,317	0,000	0,009	0,010	FALSE
-0,009	0,313	-0,001	0,009	0,026	FALSE
0,032	0,297	0,002	0,010	0,054	FALSE
-0,093	0,291	-0,002	0,006	0,104	FALSE
-0,094	0,300	-0,004	0,011	0,157	FALSE
0,037	0,315	0,001	0,008	0,050	FALSE
-0,047	0,298	-0,001	0,006	0,034	FALSE
0,145	0,301	0,003	0,007	0,180	FALSE
0,068	0,303	0,002	0,007	0,082	FALSE
0,129	0,303	0,002	0,006	0,137	FALSE
-0,088	0,300	-0,002	0,012	0,066	FALSE
-0,171	0,293	-0,005	0,012	0,186	FALSE
0,038	0,313	0,001	0,007	0,057	FALSE
0,030	0,306	0,001	0,009	0,039	FALSE
0,009	0,304	0,000	0,007	0,010	FALSE
0,024	0,307	0,001	0,010	0,022	FALSE
-0,104	0,307	-0,003	0,011	0,107	FALSE
0,075	0,302	0,003	0,010	0,103	FALSE
0,031	0,288	0,001	0,006	0,093	FALSE
0,024	0,307	0,001	0,012	0,034	FALSE
-0,025	0,310	0,000	0,008	0,005	FALSE
0,036	0,305	0,001	0,012	0,039	FALSE
0,001	0,328	0,001	0,013	0,018	FALSE
0,021	0,316	0,001	0,013	0,028	FALSE
0,031	0,318	0,001	0,013	0,041	FALSE
0,000	0,338	0,000	0,014	0,001	FALSE
0,040	0,322	0,002	0,013	0,056	FALSE
0,009	0,318	0,001	0,013	0,025	FALSE
0,010	0,311	0,000	0,013	0,014	FALSE
0,013	0,318	0,000	0,013	0,005	FALSE
-0,006	0,319	0,000	0,013	0,003	FALSE
0,010	0,314	0,000	0,013	0,005	FALSE
0,079	0,299	0,002	0,006	0,143	FALSE

-0,043	0,314	-0,001	0,012	0,041	FALSE
-0,033	0,314	-0,001	0,012	0,022	FALSE
-0,007	0,314	0,000	0,013	0,011	FALSE
0,013	0,317	0,000	0,012	0,011	FALSE
0,016	0,311	0,001	0,013	0,019	FALSE
-0,020	0,328	-0,001	0,013	0,017	FALSE
0,019	0,316	0,001	0,012	0,018	FALSE
-0,003	0,318	0,000	0,013	0,006	FALSE
-0,006	0,325	0,000	0,013	0,003	FALSE
-0,012	0,318	-0,001	0,013	0,022	FALSE
-0,008	0,294	0,001	0,008	0,026	FALSE
-0,042	0,303	-0,001	0,009	0,049	FALSE
-0,111	0,301	-0,003	0,007	0,169	FALSE
0,101	0,303	0,003	0,009	0,117	FALSE
0,111	0,307	0,004	0,012	0,123	FALSE
0,050	0,309	0,002	0,007	0,084	FALSE
-0,124	0,302	-0,004	0,012	0,127	FALSE
0,062	0,314	0,001	0,007	0,042	FALSE
-0,092	0,301	-0,003	0,012	0,102	FALSE
-0,117	0,300	-0,003	0,010	0,134	FALSE
-0,076	0,305	-0,003	0,012	0,090	FALSE
0,037	0,303	0,001	0,006	0,058	FALSE
-0,034	0,306	-0,002	0,012	0,075	FALSE
-0,194	0,307	-0,007	0,012	0,256	TRUE
0,104	0,301	0,004	0,010	0,158	FALSE
0,044	0,313	0,001	0,008	0,054	FALSE
-0,146	0,301	-0,004	0,009	0,203	FALSE
-0,025	0,316	0,000	0,007	0,013	FALSE
-0,054	0,290	-0,002	0,009	0,071	FALSE
-0,074	0,307	-0,002	0,008	0,110	FALSE
0,019	0,307	0,001	0,011	0,023	FALSE
0,169	0,304	0,003	0,006	0,234	FALSE
0,161	0,291	0,003	0,006	0,227	FALSE
-0,061	0,286	-0,002	0,012	0,058	FALSE
-0,120	0,310	-0,003	0,007	0,153	FALSE
-0,100	0,311	-0,003	0,007	0,152	FALSE
-0,042	0,313	-0,001	0,007	0,051	FALSE
-0,115	0,299	-0,005	0,011	0,200	FALSE
0,052	0,311	0,001	0,009	0,043	FALSE
0,032	0,312	0,001	0,012	0,041	FALSE
-0,022	0,318	-0,001	0,008	0,031	FALSE
0,119	0,283	0,005	0,012	0,153	FALSE
0,148	0,293	0,006	0,013	0,194	FALSE
-0,196	0,301	-0,005	0,009	0,256	FALSE
-0,096	0,310	-0,002	0,007	0,089	FALSE
-0,010	0,290	0,000	0,008	0,004	FALSE
-0,015	0,301	-0,001	0,007	0,040	FALSE
-0,050	0,314	-0,002	0,011	0,053	FALSE
0,015	0,317	0,000	0,010	0,004	FALSE
0,013	0,299	0,000	0,006	0,019	FALSE
0,025	0,319	0,001	0,008	0,041	FALSE
-0,026	0,314	-0,001	0,009	0,049	FALSE
0,092	0,300	0,004	0,009	0,160	FALSE

-0,012	0,310	0,000	0,007	0,013	FALSE
0,031	0,313	0,001	0,010	0,024	FALSE
-0,245	0,280	-0,009	0,010	0,417	FALSE
-0,013	0,311	0,000	0,009	0,011	FALSE
0,082	0,309	0,002	0,011	0,077	FALSE
0,114	0,319	0,004	0,012	0,145	FALSE
-0,076	0,303	-0,003	0,007	0,152	FALSE
-0,064	0,302	-0,003	0,007	0,133	FALSE
-0,094	0,293	-0,002	0,009	0,083	FALSE
-0,073	0,299	-0,003	0,007	0,139	FALSE
0,071	0,305	0,003	0,011	0,097	FALSE
-0,136	0,276	-0,003	0,009	0,150	FALSE
0,060	0,298	0,003	0,010	0,106	FALSE
-0,045	0,308	-0,001	0,007	0,053	FALSE
0,112	0,321	0,004	0,012	0,150	FALSE
0,081	0,313	0,003	0,012	0,098	FALSE
0,022	0,294	0,001	0,007	0,066	FALSE
0,129	0,306	0,005	0,011	0,172	FALSE
0,051	0,298	0,002	0,008	0,083	FALSE
0,014	0,313	0,001	0,010	0,024	FALSE
0,064	0,307	0,003	0,012	0,114	FALSE
0,013	0,298	0,000	0,007	0,023	FALSE
-0,131	0,313	-0,006	0,012	0,191	FALSE
0,072	0,293	0,002	0,006	0,100	FALSE
-0,065	0,312	-0,001	0,011	0,049	FALSE
0,011	0,297	0,001	0,013	0,029	FALSE
-0,048	0,289	-0,001	0,011	0,045	FALSE
0,134	0,307	0,006	0,012	0,197	FALSE
0,142	0,305	0,006	0,012	0,217	FALSE
-0,062	0,307	-0,002	0,008	0,074	FALSE
-0,001	0,314	0,000	0,011	0,013	FALSE
-0,043	0,291	-0,002	0,007	0,078	FALSE
0,115	0,301	0,004	0,012	0,121	FALSE
0,108	0,302	0,002	0,006	0,104	FALSE
0,062	0,316	0,002	0,009	0,075	FALSE
-0,023	0,302	0,000	0,010	0,012	FALSE
0,014	0,314	0,000	0,010	0,013	FALSE
0,016	0,308	0,000	0,007	0,003	FALSE
-0,018	0,311	0,000	0,006	0,003	FALSE
-0,156	0,300	-0,006	0,012	0,227	FALSE
-0,061	0,313	-0,003	0,010	0,096	FALSE
-0,095	0,296	-0,005	0,012	0,184	FALSE
-0,093	0,289	-0,006	0,012	0,194	FALSE
-0,036	0,306	0,000	0,007	0,022	FALSE
-0,108	0,304	-0,006	0,013	0,202	FALSE
-0,047	0,311	0,000	0,007	0,024	FALSE
-0,099	0,300	-0,005	0,012	0,182	FALSE
0,012	0,319	0,000	0,007	0,001	FALSE
0,099	0,303	0,003	0,008	0,142	FALSE
0,114	0,306	0,004	0,009	0,157	FALSE
0,035	0,305	0,001	0,008	0,052	FALSE
0,017	0,299	0,000	0,011	0,001	FALSE
0,090	0,307	0,004	0,011	0,139	FALSE

-0,059	0,319	-0,002	0,011	0,074	FALSE
-0,004	0,295	-0,001	0,011	0,022	FALSE
-0,086	0,313	-0,003	0,011	0,109	FALSE
0,145	0,305	0,007	0,012	0,236	FALSE
-0,067	0,329	-0,003	0,011	0,098	FALSE
0,105	0,281	0,003	0,009	0,138	FALSE
-0,065	0,310	-0,002	0,011	0,071	FALSE
-0,049	0,305	-0,002	0,012	0,061	FALSE
-0,057	0,317	-0,003	0,012	0,077	FALSE
0,022	0,311	0,001	0,009	0,049	FALSE
0,094	0,296	0,003	0,012	0,108	FALSE
0,052	0,322	0,002	0,007	0,089	FALSE
0,002	0,307	0,000	0,008	0,015	FALSE
-0,016	0,303	-0,001	0,007	0,027	FALSE
-0,029	0,304	0,000	0,011	0,015	FALSE
-0,056	0,310	-0,002	0,012	0,081	FALSE
0,023	0,304	0,001	0,007	0,043	FALSE
-0,002	0,321	0,000	0,007	0,003	FALSE
0,125	0,312	0,006	0,012	0,182	FALSE
-0,011	0,295	-0,001	0,011	0,038	FALSE
0,101	0,319	0,002	0,007	0,140	FALSE
-0,124	0,313	-0,003	0,008	0,165	FALSE
-0,091	0,287	-0,003	0,007	0,141	FALSE
0,034	0,311	0,000	0,010	0,002	FALSE
-0,049	0,326	-0,002	0,008	0,091	FALSE
0,003	0,312	0,000	0,010	0,000	FALSE
0,009	0,300	-0,001	0,012	0,036	FALSE
-0,018	0,317	0,000	0,008	0,008	FALSE
-0,005	0,313	0,000	0,007	0,015	FALSE
0,006	0,301	0,001	0,007	0,030	FALSE
-0,029	0,303	-0,001	0,009	0,022	FALSE
-0,183	0,312	-0,007	0,012	0,246	FALSE
0,128	0,308	0,004	0,013	0,140	FALSE
-0,150	0,307	-0,005	0,012	0,181	FALSE
-0,052	0,312	-0,001	0,010	0,049	FALSE
0,136	0,301	0,003	0,007	0,168	FALSE
-0,104	0,306	-0,003	0,008	0,143	FALSE
-0,158	0,302	-0,005	0,010	0,208	FALSE
-0,009	0,305	0,000	0,012	0,013	FALSE
0,000	0,310	0,000	0,010	0,008	FALSE
0,031	0,319	0,000	0,012	0,010	FALSE
-0,130	0,315	-0,005	0,012	0,190	FALSE
-0,014	0,311	0,000	0,008	0,001	FALSE
0,050	0,312	0,001	0,010	0,051	FALSE
0,078	0,295	0,002	0,006	0,101	FALSE
-0,024	0,318	-0,001	0,007	0,029	FALSE
-0,016	0,310	-0,001	0,010	0,030	FALSE
0,078	0,279	0,003	0,010	0,112	FALSE
-0,004	0,300	0,000	0,008	0,011	FALSE
0,030	0,304	0,000	0,012	0,012	FALSE
0,003	0,319	0,001	0,013	0,037	FALSE
-0,041	0,301	-0,001	0,007	0,029	FALSE
-0,030	0,302	-0,001	0,008	0,039	FALSE

0,095	0,316	0,001	0,007	0,075	FALSE
-0,117	0,297	-0,005	0,010	0,209	FALSE
-0,103	0,294	-0,002	0,006	0,124	FALSE
0,017	0,324	0,000	0,008	0,016	FALSE
0,054	0,298	0,002	0,012	0,074	FALSE
0,074	0,310	0,002	0,007	0,115	FALSE
-0,165	0,309	-0,005	0,009	0,244	FALSE
0,084	0,296	0,002	0,007	0,109	FALSE
-0,015	0,313	-0,001	0,012	0,044	FALSE
0,073	0,306	0,002	0,010	0,069	FALSE
0,043	0,308	0,001	0,010	0,033	FALSE
0,018	0,308	0,001	0,013	0,036	FALSE
-0,084	0,307	-0,003	0,009	0,103	FALSE
-0,200	0,291	-0,006	0,009	0,293	FALSE
0,174	0,284	0,008	0,012	0,291	FALSE
-0,129	0,310	-0,004	0,010	0,170	FALSE
-0,090	0,296	-0,003	0,010	0,125	FALSE
0,027	0,322	0,000	0,007	0,013	FALSE
-0,012	0,310	0,000	0,007	0,006	FALSE
0,147	0,304	0,006	0,012	0,190	FALSE
0,005	0,313	0,000	0,011	0,011	FALSE
0,051	0,312	0,002	0,010	0,077	FALSE
0,007	0,316	0,000	0,012	0,007	FALSE
-0,033	0,308	-0,001	0,011	0,032	FALSE
0,051	0,307	0,001	0,009	0,029	FALSE
0,178	0,298	0,006	0,010	0,277	FALSE
0,072	0,309	0,003	0,012	0,087	FALSE
0,048	0,300	0,002	0,010	0,072	FALSE
0,055	0,302	0,002	0,012	0,073	FALSE
0,046	0,307	0,002	0,012	0,078	FALSE
0,069	0,304	0,003	0,012	0,090	FALSE
0,008	0,311	0,000	0,012	0,009	FALSE
-0,033	0,297	-0,001	0,012	0,034	FALSE
-0,020	0,302	-0,001	0,009	0,037	FALSE
-0,055	0,305	-0,002	0,008	0,081	FALSE
0,114	0,305	0,003	0,010	0,134	FALSE
-0,032	0,323	-0,001	0,008	0,030	FALSE
-0,050	0,315	-0,002	0,009	0,065	FALSE
0,025	0,320	0,001	0,008	0,036	FALSE
0,129	0,313	0,004	0,012	0,150	FALSE
-0,001	0,319	-0,002	0,013	0,043	FALSE
-0,081	0,309	-0,004	0,013	0,131	FALSE
0,027	0,310	0,001	0,006	0,042	FALSE
-0,108	0,313	-0,003	0,008	0,137	FALSE
-0,141	0,300	-0,003	0,007	0,187	FALSE
0,008	0,313	0,001	0,011	0,023	FALSE
0,013	0,315	0,001	0,013	0,025	FALSE
-0,019	0,304	-0,001	0,013	0,027	FALSE
-0,029	0,315	0,000	0,009	0,014	FALSE
-0,087	0,309	-0,002	0,010	0,084	FALSE
0,079	0,302	0,003	0,012	0,106	FALSE
-0,082	0,288	-0,002	0,006	0,104	FALSE
-0,127	0,309	-0,003	0,009	0,153	FALSE

0,048	0,322	0,001	0,007	0,039	FALSE
-0,017	0,305	-0,001	0,009	0,057	FALSE
-0,036	0,311	-0,001	0,009	0,048	FALSE
0,055	0,301	0,002	0,007	0,095	FALSE
-0,047	0,309	0,000	0,011	0,009	FALSE
-0,025	0,302	-0,002	0,012	0,052	FALSE
-0,038	0,317	-0,002	0,012	0,046	FALSE
0,066	0,296	0,002	0,008	0,125	FALSE
-0,017	0,310	0,000	0,009	0,015	FALSE
-0,117	0,302	-0,005	0,012	0,157	FALSE
0,023	0,306	0,000	0,009	0,017	FALSE
0,027	0,302	0,001	0,009	0,022	FALSE
0,031	0,304	0,000	0,011	0,016	FALSE
-0,090	0,295	-0,004	0,012	0,136	FALSE
0,131	0,310	0,003	0,007	0,211	FALSE
-0,075	0,300	-0,002	0,007	0,097	FALSE
0,068	0,306	0,002	0,008	0,074	FALSE
0,080	0,304	0,002	0,010	0,072	FALSE
0,123	0,305	0,006	0,012	0,202	FALSE
0,190	0,290	0,008	0,011	0,320	FALSE
0,232	0,289	0,008	0,010	0,408	FALSE
0,143	0,296	0,003	0,007	0,195	FALSE
0,017	0,302	0,000	0,006	0,016	FALSE
-0,042	0,306	-0,002	0,008	0,083	FALSE
-0,078	0,297	-0,002	0,006	0,097	FALSE
0,185	0,289	0,004	0,006	0,295	FALSE
0,002	0,306	0,000	0,009	0,009	FALSE
0,018	0,310	0,001	0,008	0,045	FALSE
-0,077	0,321	-0,002	0,008	0,095	FALSE
-0,058	0,293	-0,001	0,009	0,054	FALSE
0,009	0,296	0,001	0,009	0,025	FALSE
0,083	0,317	0,002	0,009	0,101	FALSE
-0,174	0,295	-0,007	0,011	0,266	FALSE
-0,171	0,293	-0,005	0,009	0,230	FALSE
0,034	0,318	0,001	0,009	0,043	FALSE
-0,189	0,309	-0,005	0,008	0,255	FALSE
-0,158	0,311	-0,004	0,009	0,209	FALSE
0,183	0,298	0,006	0,010	0,287	FALSE
-0,057	0,314	-0,002	0,012	0,050	FALSE
-0,076	0,301	-0,003	0,012	0,094	FALSE
-0,023	0,315	-0,001	0,008	0,032	FALSE
0,147	0,294	0,003	0,007	0,184	FALSE
0,116	0,305	0,004	0,009	0,166	FALSE
-0,043	0,296	-0,001	0,011	0,039	FALSE
0,159	0,304	0,003	0,007	0,183	FALSE
0,091	0,311	0,002	0,007	0,124	FALSE
0,039	0,302	0,001	0,007	0,053	FALSE
-0,030	0,286	-0,001	0,011	0,024	FALSE
0,022	0,324	0,000	0,008	0,018	FALSE
-0,079	0,304	-0,002	0,009	0,096	FALSE
-0,098	0,307	-0,003	0,010	0,121	FALSE
-0,072	0,315	-0,002	0,008	0,110	FALSE
-0,106	0,289	-0,004	0,010	0,161	FALSE

-0,163	0,303	-0,005	0,009	0,220	FALSE
-0,005	0,314	-0,001	0,012	0,024	FALSE
0,049	0,302	0,001	0,007	0,080	FALSE
0,171	0,294	0,007	0,012	0,242	FALSE
0,169	0,287	0,007	0,012	0,240	FALSE
0,162	0,299	0,007	0,012	0,231	FALSE
-0,014	0,298	0,000	0,009	0,018	FALSE
0,022	0,311	0,000	0,008	0,021	FALSE
0,036	0,301	0,001	0,008	0,045	FALSE
0,020	0,307	0,000	0,008	0,013	FALSE
0,078	0,314	0,002	0,007	0,111	FALSE
0,077	0,292	0,002	0,007	0,110	FALSE
-0,066	0,295	-0,002	0,008	0,077	FALSE
-0,119	0,308	-0,004	0,010	0,184	FALSE
-0,119	0,301	-0,003	0,007	0,155	FALSE
-0,025	0,307	-0,001	0,013	0,040	FALSE
0,009	0,312	0,000	0,009	0,011	FALSE
-0,001	0,314	0,000	0,010	0,018	FALSE
-0,091	0,306	-0,002	0,009	0,087	FALSE
0,006	0,301	0,000	0,009	0,009	FALSE
0,006	0,298	-0,001	0,012	0,036	FALSE
0,016	0,300	-0,001	0,012	0,026	FALSE
0,037	0,310	0,001	0,013	0,016	FALSE
0,001	0,300	-0,002	0,012	0,050	FALSE
0,074	0,309	0,002	0,008	0,079	FALSE
0,085	0,314	0,003	0,010	0,102	FALSE
-0,007	0,290	0,000	0,009	0,008	FALSE
0,027	0,305	0,001	0,011	0,051	FALSE
-0,173	0,301	-0,003	0,006	0,246	FALSE
0,006	0,299	0,000	0,012	0,006	FALSE
-0,189	0,297	-0,005	0,009	0,259	FALSE
-0,014	0,312	-0,001	0,012	0,017	FALSE
0,155	0,301	0,008	0,012	0,267	FALSE
-0,029	0,294	-0,001	0,009	0,030	FALSE
0,056	0,294	0,002	0,011	0,072	FALSE
0,012	0,301	0,000	0,009	0,008	FALSE
-0,090	0,310	-0,003	0,010	0,113	FALSE
0,119	0,293	0,003	0,007	0,169	FALSE
-0,030	0,318	-0,002	0,013	0,044	FALSE
-0,029	0,298	-0,001	0,007	0,031	FALSE
-0,035	0,312	-0,001	0,008	0,062	FALSE
0,041	0,298	0,001	0,008	0,065	FALSE
0,011	0,300	0,001	0,012	0,034	FALSE
0,181	0,302	0,007	0,012	0,247	FALSE
0,117	0,294	0,004	0,011	0,164	FALSE
0,084	0,307	0,003	0,011	0,109	FALSE
0,124	0,303	0,005	0,011	0,171	FALSE
0,079	0,300	0,002	0,007	0,105	FALSE
0,124	0,287	0,003	0,007	0,182	FALSE
0,117	0,304	0,003	0,008	0,159	FALSE
-0,028	0,312	-0,001	0,009	0,056	FALSE
-0,030	0,304	-0,001	0,008	0,037	FALSE
0,050	0,314	0,001	0,011	0,032	FALSE

-0,052	0,316	-0,001	0,007	0,068	FALSE
0,081	0,313	0,003	0,010	0,112	FALSE
-0,033	0,317	-0,001	0,007	0,037	FALSE
-0,035	0,304	-0,002	0,007	0,082	FALSE
-0,052	0,310	-0,002	0,009	0,076	FALSE
-0,067	0,301	-0,004	0,012	0,127	FALSE
0,053	0,308	0,001	0,008	0,049	FALSE
0,007	0,326	0,000	0,008	0,017	FALSE
-0,070	0,308	-0,002	0,007	0,092	FALSE
-0,012	0,299	-0,001	0,011	0,022	FALSE
0,055	0,308	0,002	0,011	0,061	FALSE
0,066	0,313	0,002	0,009	0,092	FALSE
-0,033	0,299	-0,001	0,011	0,037	FALSE
0,036	0,294	0,002	0,009	0,080	FALSE
0,023	0,306	0,002	0,011	0,058	FALSE
0,005	0,299	0,000	0,010	0,010	FALSE
0,047	0,305	0,002	0,009	0,084	FALSE
-0,026	0,305	-0,001	0,007	0,037	FALSE
0,046	0,313	0,001	0,007	0,041	FALSE
-0,082	0,290	-0,004	0,012	0,132	FALSE
-0,083	0,308	-0,002	0,007	0,106	FALSE
-0,012	0,315	0,000	0,012	0,003	FALSE
-0,045	0,309	-0,002	0,012	0,050	FALSE
0,203	0,282	0,008	0,012	0,326	FALSE
-0,018	0,289	0,000	0,008	0,016	FALSE
0,074	0,312	0,002	0,008	0,088	FALSE
0,071	0,309	0,002	0,009	0,064	FALSE
-0,099	0,297	-0,003	0,009	0,144	FALSE
0,103	0,317	0,003	0,011	0,107	FALSE
0,024	0,305	0,000	0,011	0,009	FALSE
-0,140	0,303	-0,003	0,007	0,161	FALSE
-0,031	0,307	-0,001	0,007	0,038	FALSE
0,035	0,306	0,002	0,013	0,061	FALSE
0,016	0,304	0,001	0,006	0,035	FALSE
-0,046	0,299	-0,002	0,010	0,056	FALSE
-0,037	0,298	-0,001	0,009	0,059	FALSE
0,025	0,309	0,001	0,011	0,044	FALSE
0,081	0,313	0,003	0,012	0,087	FALSE
-0,078	0,320	-0,003	0,012	0,102	FALSE
-0,017	0,318	0,000	0,008	0,011	FALSE
-0,105	0,309	-0,005	0,013	0,141	FALSE
-0,068	0,301	-0,003	0,012	0,082	FALSE
0,053	0,291	0,002	0,008	0,086	FALSE
0,080	0,308	0,002	0,008	0,115	FALSE
0,063	0,303	0,002	0,012	0,051	FALSE
0,078	0,312	0,003	0,010	0,116	FALSE
-0,068	0,289	-0,002	0,008	0,118	FALSE
0,074	0,312	0,003	0,012	0,085	FALSE
-0,165	0,310	-0,005	0,009	0,257	FALSE
-0,186	0,301	-0,006	0,008	0,315	FALSE
0,088	0,311	0,002	0,007	0,116	FALSE
-0,001	0,309	0,000	0,006	0,000	FALSE
-0,041	0,306	-0,001	0,006	0,071	FALSE

0,087	0,316	0,004	0,012	0,125	FALSE
0,078	0,310	0,004	0,012	0,120	FALSE
-0,084	0,306	-0,002	0,007	0,121	FALSE
0,103	0,306	0,003	0,008	0,149	FALSE
0,086	0,310	0,001	0,008	0,053	FALSE
0,037	0,301	0,001	0,007	0,043	FALSE
0,148	0,303	0,003	0,006	0,212	FALSE
-0,066	0,296	-0,002	0,007	0,109	FALSE
-0,175	0,293	-0,004	0,007	0,272	FALSE
0,121	0,303	0,003	0,007	0,160	FALSE
-0,006	0,303	0,000	0,012	0,008	FALSE
-0,038	0,314	-0,001	0,013	0,042	FALSE
0,017	0,287	0,000	0,008	0,007	FALSE
0,004	0,299	0,000	0,012	0,009	FALSE
-0,014	0,314	-0,001	0,013	0,018	FALSE
-0,004	0,302	0,000	0,012	0,013	FALSE
-0,082	0,294	-0,002	0,011	0,072	FALSE
-0,105	0,288	-0,004	0,011	0,130	FALSE
-0,016	0,293	0,000	0,011	0,015	FALSE
-0,003	0,280	0,000	0,008	0,004	FALSE
-0,073	0,307	-0,001	0,007	0,072	FALSE
0,105	0,300	0,003	0,008	0,130	FALSE
0,100	0,303	0,003	0,008	0,127	FALSE
0,067	0,303	0,002	0,011	0,050	FALSE
-0,119	0,304	-0,003	0,009	0,142	FALSE
-0,090	0,317	-0,002	0,007	0,091	FALSE
0,021	0,306	0,000	0,007	0,004	FALSE
0,018	0,311	0,000	0,008	0,017	FALSE
0,035	0,316	0,000	0,011	0,011	FALSE
-0,189	0,300	-0,009	0,013	0,316	FALSE
0,046	0,299	0,002	0,009	0,076	FALSE
0,082	0,288	0,004	0,011	0,120	FALSE
0,114	0,293	0,003	0,006	0,189	FALSE
-0,022	0,307	0,000	0,008	0,022	FALSE
0,016	0,307	0,001	0,010	0,018	FALSE
0,118	0,312	0,004	0,010	0,191	FALSE
0,032	0,318	0,000	0,012	0,007	FALSE
0,040	0,311	0,001	0,011	0,021	FALSE
-0,035	0,305	-0,001	0,009	0,054	FALSE
0,038	0,275	0,003	0,012	0,095	FALSE
-0,142	0,310	-0,004	0,009	0,203	FALSE
0,041	0,309	0,001	0,008	0,045	FALSE
0,128	0,302	0,004	0,009	0,211	FALSE
-0,172	0,296	-0,007	0,012	0,234	FALSE
-0,063	0,311	-0,002	0,011	0,059	FALSE
0,135	0,297	0,004	0,008	0,205	FALSE
0,085	0,306	0,002	0,008	0,094	FALSE
0,107	0,319	0,002	0,007	0,113	FALSE
0,084	0,311	0,002	0,007	0,116	FALSE
-0,102	0,300	-0,003	0,007	0,159	FALSE
-0,005	0,285	0,000	0,009	0,015	FALSE
-0,079	0,316	-0,002	0,009	0,113	FALSE
-0,079	0,301	-0,002	0,008	0,116	FALSE

0,093	0,306	0,002	0,007	0,152	FALSE
-0,088	0,316	-0,003	0,011	0,108	FALSE
0,067	0,305	0,002	0,007	0,105	FALSE
-0,065	0,288	-0,003	0,008	0,129	FALSE
-0,125	0,303	-0,005	0,010	0,187	FALSE
0,015	0,304	0,000	0,008	0,007	FALSE
-0,064	0,304	-0,002	0,010	0,098	FALSE
-0,022	0,310	-0,001	0,007	0,030	FALSE
0,092	0,300	0,002	0,006	0,119	FALSE
-0,175	0,302	-0,004	0,007	0,231	FALSE
-0,097	0,308	-0,002	0,007	0,129	FALSE
-0,045	0,306	-0,001	0,006	0,052	FALSE
-0,061	0,307	-0,002	0,007	0,092	FALSE
-0,064	0,310	-0,002	0,007	0,085	FALSE
0,091	0,306	0,003	0,008	0,155	FALSE
-0,142	0,316	-0,005	0,010	0,208	FALSE
0,034	0,321	0,001	0,011	0,035	FALSE
-0,086	0,303	-0,004	0,011	0,128	FALSE
0,150	0,293	0,004	0,008	0,237	FALSE
-0,109	0,316	-0,004	0,012	0,135	FALSE
-0,060	0,314	-0,002	0,012	0,070	FALSE
0,106	0,311	0,002	0,007	0,127	FALSE
0,060	0,291	0,002	0,012	0,061	FALSE
0,044	0,303	0,001	0,012	0,044	FALSE
0,016	0,304	0,001	0,012	0,023	FALSE
-0,015	0,306	0,000	0,008	0,013	FALSE
0,051	0,313	0,002	0,009	0,089	FALSE
-0,097	0,318	-0,003	0,009	0,141	FALSE
-0,141	0,314	-0,004	0,009	0,194	FALSE
-0,116	0,304	-0,005	0,010	0,204	FALSE
-0,054	0,316	-0,002	0,008	0,082	FALSE
0,041	0,305	0,002	0,010	0,090	FALSE
0,149	0,295	0,004	0,008	0,228	FALSE
-0,032	0,300	-0,001	0,007	0,031	FALSE
-0,074	0,307	-0,002	0,012	0,068	FALSE
-0,085	0,326	-0,003	0,013	0,085	FALSE
-0,090	0,312	-0,003	0,012	0,092	FALSE
-0,092	0,315	-0,003	0,012	0,106	FALSE
-0,081	0,314	-0,003	0,012	0,080	FALSE
-0,065	0,321	-0,002	0,013	0,062	FALSE
-0,098	0,297	-0,001	0,006	0,087	FALSE
-0,087	0,306	-0,003	0,012	0,086	FALSE
-0,052	0,302	-0,003	0,012	0,101	FALSE
0,008	0,313	0,001	0,008	0,026	FALSE
0,111	0,294	0,003	0,008	0,182	FALSE
-0,006	0,305	-0,001	0,009	0,035	FALSE
0,192	0,295	0,005	0,008	0,302	FALSE
0,085	0,299	0,003	0,012	0,103	FALSE
0,119	0,305	0,003	0,008	0,183	FALSE
-0,166	0,284	-0,007	0,011	0,282	FALSE
-0,005	0,303	0,000	0,012	0,006	FALSE
-0,119	0,299	-0,004	0,011	0,151	FALSE
0,036	0,309	0,001	0,008	0,039	FALSE

0,055	0,305	0,001	0,006	0,087	FALSE
0,017	0,307	0,001	0,008	0,031	FALSE
0,092	0,292	0,002	0,008	0,123	FALSE
0,023	0,308	0,002	0,012	0,054	FALSE
-0,130	0,314	-0,003	0,007	0,156	FALSE
0,022	0,303	0,000	0,011	0,017	FALSE
-0,194	0,290	-0,008	0,012	0,295	FALSE
0,009	0,300	0,001	0,007	0,067	FALSE
0,113	0,308	0,005	0,013	0,153	FALSE
0,164	0,300	0,008	0,013	0,256	FALSE
-0,122	0,318	-0,005	0,013	0,167	FALSE
-0,126	0,302	-0,005	0,013	0,157	FALSE
0,039	0,318	0,002	0,013	0,065	FALSE
0,016	0,301	0,000	0,010	0,006	FALSE
0,002	0,313	-0,001	0,011	0,023	FALSE
0,065	0,320	0,002	0,008	0,082	FALSE
0,018	0,311	0,000	0,012	0,010	FALSE
-0,159	0,292	-0,003	0,006	0,209	FALSE
-0,020	0,307	0,000	0,008	0,002	FALSE
0,060	0,301	0,001	0,007	0,073	FALSE
-0,016	0,305	-0,001	0,006	0,029	FALSE
0,018	0,308	0,001	0,010	0,020	FALSE
-0,018	0,301	0,000	0,007	0,019	FALSE
0,016	0,314	0,001	0,012	0,020	FALSE
-0,068	0,314	-0,003	0,012	0,086	FALSE
0,000	0,319	0,000	0,013	0,007	FALSE
-0,095	0,295	-0,002	0,006	0,113	FALSE
0,189	0,291	0,004	0,007	0,235	FALSE
-0,095	0,308	-0,002	0,006	0,116	FALSE
0,004	0,300	0,000	0,007	0,025	FALSE
-0,049	0,316	-0,002	0,012	0,047	FALSE
0,115	0,290	0,002	0,006	0,155	FALSE
-0,075	0,310	-0,002	0,006	0,093	FALSE
0,076	0,316	0,003	0,013	0,082	FALSE
-0,033	0,311	-0,001	0,006	0,046	FALSE
0,027	0,290	0,001	0,008	0,037	FALSE
0,019	0,299	0,001	0,008	0,032	FALSE
-0,044	0,306	-0,001	0,006	0,066	FALSE
0,060	0,302	0,003	0,012	0,105	FALSE
-0,013	0,318	0,000	0,011	0,008	FALSE
-0,045	0,308	-0,001	0,008	0,063	FALSE
-0,065	0,307	-0,002	0,012	0,071	FALSE
0,130	0,288	0,005	0,011	0,185	FALSE
-0,085	0,300	-0,003	0,012	0,099	FALSE
0,024	0,316	0,000	0,012	0,001	FALSE
-0,081	0,305	-0,002	0,008	0,088	FALSE
0,066	0,300	0,003	0,009	0,117	FALSE
-0,090	0,300	-0,004	0,010	0,152	FALSE
0,030	0,323	0,000	0,012	0,008	FALSE
0,028	0,307	0,001	0,010	0,042	FALSE
0,122	0,304	0,003	0,006	0,194	FALSE
-0,105	0,300	-0,003	0,007	0,141	FALSE
0,093	0,298	0,004	0,012	0,141	FALSE

0,040	0,311	0,002	0,009	0,071	FALSE
0,124	0,317	0,004	0,013	0,127	FALSE
0,087	0,314	0,003	0,013	0,091	FALSE
-0,018	0,306	0,000	0,010	0,006	FALSE
0,255	0,286	0,010	0,011	0,440	FALSE
0,068	0,301	0,003	0,008	0,116	FALSE
-0,002	0,305	0,000	0,008	0,020	FALSE
0,034	0,305	0,001	0,008	0,047	FALSE
0,104	0,302	0,003	0,007	0,184	FALSE
0,022	0,305	0,001	0,008	0,056	FALSE
-0,108	0,327	-0,002	0,007	0,142	FALSE
0,082	0,313	0,003	0,011	0,109	FALSE
0,038	0,325	0,001	0,013	0,038	FALSE
0,086	0,311	0,003	0,012	0,085	FALSE
-0,135	0,310	-0,003	0,007	0,185	FALSE
0,002	0,309	0,000	0,007	0,012	FALSE
0,052	0,310	0,003	0,013	0,083	FALSE
0,059	0,296	0,003	0,012	0,094	FALSE
-0,037	0,307	-0,001	0,007	0,038	FALSE
-0,072	0,290	-0,003	0,010	0,106	FALSE
-0,066	0,303	-0,002	0,010	0,089	FALSE
-0,029	0,324	-0,001	0,012	0,037	FALSE
0,032	0,307	0,001	0,011	0,038	FALSE
0,170	0,306	0,005	0,009	0,254	FALSE
0,059	0,305	0,004	0,013	0,109	FALSE
-0,012	0,318	-0,001	0,011	0,019	FALSE
0,091	0,304	0,002	0,008	0,115	FALSE
-0,004	0,302	0,001	0,009	0,050	FALSE
-0,030	0,305	-0,002	0,012	0,060	FALSE
-0,089	0,299	-0,003	0,010	0,100	FALSE
-0,049	0,313	-0,002	0,012	0,050	FALSE
-0,086	0,305	-0,002	0,008	0,112	FALSE
-0,113	0,298	-0,003	0,007	0,197	FALSE
0,140	0,287	0,006	0,010	0,248	FALSE
-0,095	0,286	-0,006	0,012	0,186	FALSE
-0,093	0,290	-0,005	0,012	0,171	FALSE
-0,073	0,290	-0,004	0,012	0,142	FALSE
0,101	0,302	0,004	0,011	0,161	FALSE
0,108	0,306	0,004	0,010	0,167	FALSE
-0,054	0,316	-0,002	0,012	0,072	FALSE
-0,110	0,301	-0,006	0,012	0,193	FALSE
-0,077	0,276	-0,004	0,012	0,145	FALSE
-0,090	0,287	-0,005	0,012	0,158	FALSE
-0,108	0,294	-0,006	0,013	0,181	FALSE
-0,025	0,305	0,000	0,007	0,023	FALSE
-0,100	0,289	-0,005	0,012	0,160	FALSE
-0,111	0,288	-0,006	0,012	0,203	FALSE
-0,103	0,287	-0,005	0,012	0,183	FALSE
-0,096	0,299	-0,003	0,009	0,142	FALSE
-0,085	0,308	-0,002	0,008	0,107	FALSE
-0,048	0,306	-0,003	0,012	0,100	FALSE
-0,071	0,305	-0,003	0,010	0,110	FALSE
-0,099	0,305	-0,003	0,008	0,136	FALSE

-0,104	0,305	-0,002	0,008	0,101	FALSE
0,063	0,307	0,003	0,012	0,086	FALSE
0,111	0,292	0,005	0,011	0,168	FALSE
-0,092	0,292	-0,003	0,011	0,114	FALSE
0,150	0,290	0,007	0,012	0,258	FALSE
0,188	0,289	0,009	0,012	0,329	FALSE
0,147	0,300	0,007	0,012	0,250	FALSE
0,096	0,294	0,003	0,009	0,161	FALSE
0,030	0,308	0,001	0,009	0,042	FALSE
-0,002	0,309	0,000	0,011	0,012	FALSE
0,045	0,305	0,001	0,010	0,050	FALSE
0,001	0,304	0,001	0,011	0,018	FALSE
0,117	0,310	0,003	0,007	0,160	FALSE
0,076	0,308	0,002	0,006	0,113	FALSE
0,035	0,320	0,001	0,012	0,042	FALSE
0,001	0,313	0,000	0,008	0,001	FALSE
0,077	0,300	0,002	0,010	0,074	FALSE
-0,009	0,291	-0,002	0,010	0,066	FALSE
0,175	0,301	0,007	0,010	0,287	FALSE
0,001	0,303	0,001	0,008	0,059	FALSE
0,040	0,293	0,002	0,008	0,119	FALSE
-0,136	0,304	-0,003	0,009	0,151	FALSE
0,012	0,302	0,000	0,010	0,014	FALSE
-0,098	0,316	-0,003	0,011	0,105	FALSE
0,026	0,296	0,002	0,008	0,074	FALSE
-0,109	0,310	-0,003	0,010	0,112	FALSE
-0,115	0,303	-0,004	0,011	0,147	FALSE
0,016	0,305	0,000	0,007	0,009	FALSE
-0,135	0,314	-0,003	0,008	0,171	FALSE
0,066	0,305	0,001	0,007	0,054	FALSE
-0,078	0,300	-0,002	0,007	0,086	FALSE
-0,027	0,304	-0,001	0,008	0,043	FALSE
0,063	0,319	0,002	0,010	0,077	FALSE
-0,024	0,300	0,000	0,006	0,009	FALSE
0,087	0,308	0,003	0,010	0,108	FALSE
0,051	0,311	0,001	0,010	0,044	FALSE
0,047	0,315	0,001	0,011	0,044	FALSE
-0,138	0,306	-0,005	0,012	0,179	FALSE
-0,045	0,293	0,000	0,007	0,023	FALSE
0,115	0,310	0,004	0,012	0,149	FALSE
0,119	0,300	0,004	0,012	0,140	FALSE
0,028	0,326	0,000	0,007	0,021	FALSE
0,054	0,297	0,002	0,010	0,062	FALSE
0,005	0,299	0,000	0,007	0,025	FALSE
-0,045	0,306	-0,001	0,007	0,050	FALSE
-0,025	0,316	0,000	0,007	0,007	FALSE
-0,086	0,299	-0,002	0,007	0,090	FALSE
0,019	0,323	0,000	0,011	0,005	FALSE
0,012	0,293	0,001	0,006	0,035	FALSE
-0,102	0,309	-0,002	0,008	0,095	FALSE
0,023	0,305	0,000	0,009	0,016	FALSE
0,107	0,310	0,003	0,010	0,134	FALSE
-0,088	0,299	-0,002	0,009	0,097	FALSE

0,037	0,314	0,001	0,007	0,028	FALSE
0,066	0,299	0,002	0,008	0,072	FALSE
0,101	0,307	0,004	0,012	0,117	FALSE
0,047	0,293	0,001	0,009	0,044	FALSE
0,011	0,305	0,000	0,008	0,017	FALSE
0,098	0,317	0,002	0,007	0,088	FALSE
0,016	0,299	0,000	0,010	0,012	FALSE
-0,131	0,306	-0,005	0,012	0,172	FALSE
0,106	0,297	0,003	0,009	0,149	FALSE
0,039	0,307	0,001	0,007	0,050	FALSE
0,070	0,311	0,003	0,013	0,083	FALSE
-0,061	0,311	-0,001	0,008	0,057	FALSE
0,059	0,306	0,003	0,010	0,120	FALSE
-0,078	0,288	-0,003	0,010	0,120	FALSE
-0,096	0,294	-0,004	0,011	0,138	FALSE
-0,118	0,302	-0,005	0,012	0,168	FALSE
-0,014	0,315	0,000	0,006	0,020	FALSE
0,060	0,299	0,003	0,011	0,089	FALSE
0,020	0,305	0,001	0,008	0,059	FALSE
0,078	0,311	0,002	0,010	0,081	FALSE
-0,072	0,300	-0,003	0,011	0,087	FALSE
0,086	0,318	0,003	0,011	0,103	FALSE
-0,032	0,304	0,000	0,008	0,020	FALSE
-0,070	0,298	-0,001	0,007	0,072	FALSE
0,175	0,289	0,005	0,008	0,259	FALSE
-0,011	0,329	0,000	0,011	0,001	FALSE
0,042	0,296	0,001	0,012	0,041	FALSE
0,138	0,300	0,004	0,009	0,177	FALSE
-0,121	0,297	-0,005	0,012	0,157	FALSE
0,111	0,303	0,003	0,008	0,157	FALSE
0,003	0,304	0,001	0,009	0,030	FALSE
-0,140	0,310	-0,004	0,010	0,181	FALSE
-0,159	0,297	-0,006	0,010	0,242	FALSE
0,026	0,291	0,001	0,009	0,038	FALSE
0,029	0,304	0,001	0,007	0,032	FALSE
0,052	0,288	0,004	0,011	0,135	FALSE
-0,031	0,310	-0,001	0,009	0,035	FALSE
0,113	0,296	0,004	0,012	0,140	FALSE
0,043	0,308	0,002	0,012	0,070	FALSE
-0,025	0,314	0,000	0,010	0,001	FALSE
-0,075	0,310	-0,001	0,008	0,068	FALSE
0,025	0,313	0,000	0,008	0,008	FALSE
0,029	0,312	0,001	0,008	0,039	FALSE
0,015	0,305	0,000	0,007	0,017	FALSE
-0,028	0,318	-0,001	0,009	0,037	FALSE
-0,038	0,320	-0,001	0,009	0,052	FALSE
0,033	0,302	0,001	0,012	0,040	FALSE
0,050	0,312	0,002	0,012	0,057	FALSE
0,068	0,306	0,003	0,009	0,115	FALSE
-0,027	0,300	-0,001	0,007	0,034	FALSE
-0,049	0,308	-0,002	0,009	0,075	FALSE
0,009	0,305	0,000	0,012	0,011	FALSE
0,007	0,292	0,000	0,011	0,006	FALSE

-0,014	0,305	-0,001	0,011	0,043	FALSE
0,168	0,299	0,003	0,006	0,225	FALSE
-0,050	0,305	-0,001	0,007	0,077	FALSE
-0,062	0,321	-0,001	0,008	0,057	FALSE
0,104	0,313	0,002	0,007	0,105	FALSE
0,028	0,315	0,000	0,012	0,002	FALSE
-0,044	0,314	-0,001	0,007	0,038	FALSE
0,167	0,290	0,004	0,006	0,262	FALSE
0,029	0,307	0,001	0,006	0,053	FALSE
-0,102	0,304	-0,002	0,007	0,114	FALSE
-0,025	0,306	-0,001	0,009	0,028	FALSE
0,022	0,314	0,000	0,012	0,003	FALSE
0,019	0,314	0,000	0,012	0,001	FALSE
-0,014	0,307	0,000	0,006	0,026	FALSE
0,016	0,294	0,000	0,009	0,007	FALSE
0,201	0,303	0,008	0,012	0,289	FALSE
-0,109	0,300	-0,003	0,012	0,078	FALSE
0,003	0,306	0,001	0,010	0,047	FALSE
0,029	0,304	0,000	0,009	0,003	FALSE
-0,008	0,312	0,000	0,007	0,003	FALSE
0,203	0,298	0,008	0,012	0,317	FALSE
-0,057	0,308	-0,002	0,010	0,067	FALSE
0,014	0,313	0,001	0,012	0,016	FALSE
-0,022	0,307	-0,001	0,008	0,032	FALSE
-0,070	0,292	-0,002	0,008	0,097	FALSE
-0,096	0,290	-0,002	0,009	0,099	FALSE
-0,090	0,314	-0,004	0,013	0,120	FALSE
-0,026	0,313	0,000	0,009	0,014	FALSE
-0,054	0,303	-0,003	0,012	0,097	FALSE
0,042	0,311	0,001	0,009	0,051	FALSE
-0,064	0,320	-0,002	0,010	0,056	FALSE
-0,023	0,320	-0,001	0,013	0,018	FALSE
-0,194	0,303	-0,005	0,009	0,251	FALSE
0,102	0,295	0,003	0,008	0,156	FALSE
0,160	0,299	0,005	0,009	0,267	FALSE
0,083	0,304	0,003	0,009	0,129	FALSE
0,084	0,303	0,003	0,008	0,147	FALSE
0,120	0,299	0,005	0,012	0,170	FALSE
-0,090	0,309	-0,003	0,010	0,105	FALSE
-0,231	0,301	-0,007	0,009	0,337	FALSE
-0,191	0,302	-0,005	0,009	0,277	FALSE
0,152	0,292	0,006	0,011	0,225	FALSE
-0,068	0,296	-0,002	0,010	0,099	FALSE
0,005	0,302	0,000	0,008	0,005	FALSE
-0,011	0,318	0,000	0,011	0,012	FALSE
0,118	0,309	0,005	0,012	0,160	FALSE
-0,047	0,301	-0,001	0,012	0,036	FALSE
-0,063	0,306	-0,002	0,013	0,052	FALSE
0,003	0,307	0,001	0,011	0,037	FALSE
0,010	0,315	0,002	0,011	0,052	FALSE
0,021	0,297	0,002	0,012	0,054	FALSE
0,055	0,316	0,002	0,007	0,084	FALSE
0,118	0,301	0,005	0,012	0,156	FALSE

0,107	0,304	0,004	0,009	0,155	FALSE
0,082	0,307	0,002	0,008	0,083	FALSE
-0,016	0,322	-0,001	0,007	0,025	FALSE
0,084	0,304	0,003	0,009	0,104	FALSE
-0,067	0,308	-0,004	0,012	0,119	FALSE
-0,042	0,312	-0,001	0,007	0,060	FALSE
-0,030	0,301	0,000	0,007	0,018	FALSE
0,089	0,301	0,003	0,009	0,122	FALSE
-0,020	0,307	0,000	0,011	0,014	FALSE
0,036	0,308	0,001	0,012	0,043	FALSE
-0,072	0,290	-0,001	0,006	0,074	FALSE
-0,208	0,299	-0,008	0,011	0,315	FALSE
-0,033	0,311	-0,001	0,009	0,053	FALSE
0,029	0,306	0,001	0,011	0,025	FALSE
-0,040	0,309	-0,002	0,012	0,050	FALSE
-0,131	0,290	-0,005	0,010	0,183	FALSE
0,089	0,287	0,003	0,008	0,139	FALSE
0,025	0,299	0,001	0,009	0,042	FALSE
0,057	0,303	0,002	0,012	0,061	FALSE
0,035	0,303	0,000	0,007	0,021	FALSE
-0,068	0,315	-0,002	0,007	0,101	FALSE
0,201	0,286	0,004	0,006	0,270	FALSE
-0,067	0,308	-0,003	0,011	0,094	FALSE
0,067	0,315	0,002	0,008	0,070	FALSE
0,155	0,312	0,004	0,009	0,182	FALSE
0,031	0,312	0,002	0,011	0,049	FALSE
0,138	0,289	0,003	0,008	0,164	FALSE
0,150	0,296	0,004	0,009	0,184	FALSE
-0,033	0,302	-0,001	0,012	0,027	FALSE
-0,076	0,307	-0,003	0,010	0,135	FALSE
-0,019	0,298	-0,001	0,006	0,040	FALSE
-0,003	0,311	-0,001	0,007	0,033	FALSE
-0,013	0,303	0,001	0,011	0,023	FALSE
-0,033	0,308	-0,001	0,009	0,056	FALSE
-0,021	0,304	-0,002	0,012	0,046	FALSE
-0,065	0,304	-0,002	0,007	0,119	FALSE
-0,006	0,323	-0,001	0,008	0,041	FALSE
0,049	0,307	0,001	0,007	0,041	FALSE
0,061	0,313	0,002	0,011	0,079	FALSE
0,004	0,311	-0,001	0,007	0,030	FALSE
0,008	0,307	0,000	0,007	0,021	FALSE
0,003	0,300	0,000	0,011	0,003	FALSE
0,009	0,300	0,001	0,008	0,024	FALSE
-0,007	0,290	0,000	0,007	0,012	FALSE
0,027	0,299	0,001	0,011	0,046	FALSE
0,047	0,302	0,002	0,011	0,071	FALSE
0,088	0,309	0,003	0,011	0,120	FALSE
0,011	0,320	0,000	0,011	0,012	FALSE
0,070	0,292	0,003	0,012	0,110	FALSE
0,015	0,301	0,001	0,012	0,028	FALSE
-0,001	0,311	0,000	0,013	0,008	FALSE
0,017	0,314	0,000	0,007	0,020	FALSE
0,122	0,309	0,004	0,011	0,171	FALSE

0,135	0,302	0,005	0,010	0,190	FALSE
0,135	0,291	0,005	0,010	0,198	FALSE
0,101	0,303	0,004	0,010	0,144	FALSE
0,113	0,300	0,004	0,009	0,164	FALSE
0,098	0,306	0,003	0,009	0,108	FALSE
0,126	0,295	0,004	0,009	0,194	FALSE
-0,007	0,304	-0,001	0,011	0,018	FALSE
0,062	0,301	0,001	0,006	0,061	FALSE
-0,059	0,307	-0,002	0,010	0,094	FALSE
-0,038	0,308	-0,002	0,010	0,061	FALSE
-0,065	0,305	-0,002	0,010	0,093	FALSE
-0,047	0,316	-0,002	0,011	0,075	FALSE
-0,029	0,295	-0,001	0,010	0,055	FALSE
0,068	0,302	0,003	0,012	0,101	FALSE
-0,035	0,304	-0,001	0,006	0,043	FALSE
-0,043	0,310	-0,001	0,007	0,053	FALSE
-0,020	0,317	-0,001	0,008	0,036	FALSE
0,111	0,305	0,005	0,013	0,165	FALSE
0,071	0,301	0,004	0,013	0,109	FALSE
0,033	0,302	0,002	0,013	0,059	FALSE
0,060	0,308	0,003	0,013	0,097	FALSE
-0,128	0,297	-0,004	0,009	0,190	FALSE
-0,116	0,308	-0,002	0,007	0,143	FALSE
-0,083	0,309	-0,002	0,006	0,124	FALSE
0,026	0,301	0,001	0,009	0,037	FALSE
0,062	0,316	0,001	0,006	0,066	FALSE
0,006	0,300	0,001	0,009	0,027	FALSE
0,001	0,309	0,001	0,010	0,020	FALSE
0,083	0,301	0,004	0,013	0,115	FALSE
0,076	0,300	0,003	0,012	0,104	FALSE
-0,007	0,309	0,000	0,007	0,023	FALSE
-0,028	0,297	-0,001	0,007	0,047	FALSE
0,000	0,299	0,001	0,006	0,044	FALSE
0,021	0,317	0,001	0,012	0,027	FALSE
0,032	0,302	0,001	0,008	0,023	FALSE
-0,024	0,288	-0,001	0,011	0,018	FALSE
-0,038	0,311	-0,001	0,012	0,037	FALSE
-0,047	0,305	-0,002	0,011	0,052	FALSE
-0,072	0,304	-0,003	0,011	0,098	FALSE
-0,105	0,295	-0,004	0,012	0,138	FALSE
-0,092	0,300	-0,003	0,012	0,107	FALSE
0,031	0,323	0,000	0,007	0,013	FALSE
0,013	0,310	0,000	0,007	0,013	FALSE
0,006	0,317	0,000	0,008	0,015	FALSE
-0,058	0,310	-0,003	0,012	0,099	FALSE
0,121	0,296	0,005	0,011	0,173	FALSE
0,134	0,297	0,006	0,013	0,187	FALSE
0,125	0,292	0,006	0,012	0,187	FALSE
0,071	0,303	0,002	0,007	0,105	FALSE
0,148	0,299	0,006	0,012	0,216	FALSE
-0,076	0,296	-0,002	0,011	0,076	FALSE
-0,060	0,305	-0,001	0,008	0,048	FALSE
-0,086	0,292	-0,002	0,008	0,090	FALSE

0,191	0,307	0,007	0,011	0,280	FALSE
0,007	0,320	0,000	0,013	0,009	FALSE
-0,127	0,309	-0,006	0,012	0,212	FALSE
-0,083	0,296	-0,002	0,008	0,108	FALSE
0,040	0,309	0,001	0,010	0,032	FALSE
0,076	0,303	0,004	0,012	0,146	FALSE
-0,050	0,308	-0,002	0,011	0,084	FALSE
-0,040	0,305	-0,002	0,011	0,063	FALSE
0,130	0,306	0,006	0,011	0,224	FALSE
-0,071	0,325	-0,001	0,006	0,081	FALSE
-0,020	0,304	-0,001	0,007	0,063	FALSE
0,014	0,306	0,000	0,012	0,010	FALSE
-0,007	0,315	0,000	0,008	0,013	FALSE
-0,012	0,305	0,000	0,007	0,007	FALSE
-0,031	0,306	-0,001	0,007	0,051	FALSE
-0,010	0,319	0,000	0,011	0,002	FALSE
-0,149	0,295	-0,005	0,009	0,243	FALSE
0,207	0,288	0,004	0,006	0,320	FALSE
0,053	0,317	0,001	0,009	0,034	FALSE
-0,064	0,304	-0,003	0,012	0,097	FALSE
0,028	0,309	0,001	0,012	0,016	FALSE
0,002	0,307	0,000	0,011	0,014	FALSE
0,041	0,294	0,001	0,010	0,045	FALSE
-0,105	0,307	-0,003	0,010	0,101	FALSE
-0,040	0,300	-0,001	0,012	0,044	FALSE
0,007	0,315	0,000	0,012	0,000	FALSE
0,063	0,299	0,002	0,010	0,066	FALSE
0,075	0,298	0,003	0,008	0,153	FALSE
0,047	0,304	0,002	0,012	0,062	FALSE
0,035	0,315	0,001	0,012	0,040	FALSE
-0,007	0,308	-0,001	0,011	0,035	FALSE
0,018	0,325	0,000	0,012	0,013	FALSE
-0,071	0,313	-0,003	0,012	0,079	FALSE
-0,087	0,309	-0,003	0,012	0,109	FALSE
-0,073	0,307	-0,003	0,011	0,092	FALSE
-0,049	0,326	-0,001	0,007	0,061	FALSE
-0,012	0,300	0,000	0,010	0,005	FALSE
-0,023	0,313	-0,001	0,008	0,041	FALSE
-0,033	0,314	-0,002	0,011	0,084	FALSE
-0,072	0,303	-0,002	0,008	0,074	FALSE
-0,051	0,304	-0,001	0,007	0,060	FALSE
0,018	0,304	0,000	0,010	0,007	FALSE
0,019	0,289	0,001	0,009	0,054	FALSE
-0,045	0,304	-0,002	0,011	0,064	FALSE
-0,049	0,296	0,000	0,008	0,008	FALSE
0,018	0,316	0,001	0,012	0,017	FALSE
0,014	0,305	0,000	0,012	0,008	FALSE
0,021	0,308	0,001	0,013	0,019	FALSE
0,130	0,304	0,004	0,011	0,161	FALSE
0,096	0,309	0,005	0,013	0,148	FALSE
-0,008	0,307	0,000	0,010	0,014	FALSE
-0,013	0,304	-0,001	0,008	0,029	FALSE
-0,058	0,307	-0,003	0,012	0,110	FALSE

-0,009	0,300	0,000	0,007	0,009	FALSE
-0,035	0,323	-0,001	0,008	0,044	FALSE
-0,052	0,317	-0,001	0,008	0,063	FALSE
-0,063	0,320	-0,002	0,008	0,082	FALSE
-0,070	0,302	-0,002	0,008	0,086	FALSE
-0,124	0,316	-0,003	0,007	0,166	FALSE
0,147	0,290	0,007	0,011	0,248	FALSE
0,085	0,304	0,002	0,007	0,142	FALSE
-0,150	0,301	-0,003	0,007	0,194	FALSE
0,076	0,318	0,002	0,011	0,083	FALSE
-0,169	0,301	-0,004	0,007	0,232	FALSE
-0,032	0,311	-0,001	0,011	0,017	FALSE
-0,038	0,309	-0,001	0,010	0,025	FALSE
-0,036	0,297	-0,002	0,011	0,069	FALSE
0,011	0,315	0,000	0,008	0,011	FALSE
-0,075	0,311	-0,004	0,010	0,137	FALSE
-0,105	0,309	-0,003	0,009	0,125	FALSE
-0,093	0,305	-0,002	0,007	0,113	FALSE
0,025	0,303	0,001	0,010	0,021	FALSE
0,001	0,299	0,001	0,013	0,014	FALSE
-0,101	0,317	-0,003	0,007	0,140	FALSE
0,004	0,311	-0,001	0,010	0,041	FALSE
0,005	0,315	0,000	0,007	0,014	FALSE
0,105	0,299	0,002	0,007	0,110	FALSE
-0,064	0,310	-0,002	0,011	0,073	FALSE
0,061	0,305	0,001	0,007	0,064	FALSE
0,007	0,319	0,000	0,010	0,002	FALSE
0,158	0,295	0,006	0,012	0,217	FALSE
0,060	0,307	0,001	0,007	0,064	FALSE
-0,115	0,304	-0,006	0,012	0,194	FALSE
0,161	0,305	0,004	0,008	0,218	FALSE
-0,056	0,292	-0,002	0,010	0,060	FALSE
-0,073	0,316	-0,002	0,007	0,112	FALSE
-0,103	0,308	-0,002	0,006	0,148	FALSE
0,025	0,303	0,001	0,012	0,016	FALSE
-0,013	0,308	0,000	0,007	0,001	FALSE
0,028	0,305	0,001	0,007	0,033	FALSE
0,012	0,312	0,000	0,007	0,019	FALSE
-0,012	0,297	-0,001	0,010	0,018	FALSE
0,105	0,303	0,005	0,012	0,167	FALSE
0,066	0,321	0,001	0,007	0,061	FALSE
0,034	0,294	0,001	0,009	0,053	FALSE
-0,120	0,305	-0,004	0,010	0,155	FALSE
0,106	0,304	0,003	0,007	0,154	FALSE
0,103	0,312	0,003	0,007	0,158	FALSE
-0,050	0,320	-0,002	0,013	0,062	FALSE
0,028	0,317	0,001	0,008	0,029	FALSE
0,030	0,298	0,000	0,008	0,022	FALSE
0,117	0,294	0,004	0,010	0,176	FALSE
-0,183	0,294	-0,006	0,009	0,272	FALSE
0,026	0,310	0,001	0,007	0,038	FALSE
0,087	0,303	0,004	0,010	0,141	FALSE
0,041	0,315	0,001	0,007	0,042	FALSE

0,017	0,298	0,000	0,010	0,007	FALSE
-0,099	0,313	-0,003	0,006	0,165	FALSE
-0,047	0,300	-0,001	0,007	0,042	FALSE
0,143	0,304	0,007	0,011	0,263	FALSE
0,141	0,291	0,006	0,011	0,264	FALSE
-0,057	0,313	-0,002	0,012	0,075	FALSE
-0,009	0,310	-0,001	0,012	0,018	FALSE
-0,050	0,317	-0,002	0,012	0,056	FALSE
-0,038	0,314	-0,001	0,013	0,038	FALSE
-0,046	0,311	-0,002	0,012	0,058	FALSE
-0,020	0,303	0,000	0,011	0,008	FALSE
0,052	0,316	0,001	0,007	0,070	FALSE
-0,028	0,305	0,000	0,007	0,008	FALSE
0,149	0,297	0,003	0,007	0,198	FALSE
-0,012	0,307	0,000	0,008	0,003	FALSE
-0,006	0,295	0,000	0,007	0,020	FALSE
0,038	0,313	0,002	0,010	0,076	FALSE
-0,032	0,303	-0,001	0,008	0,029	FALSE
-0,042	0,308	-0,001	0,009	0,056	FALSE
0,116	0,291	0,002	0,006	0,154	FALSE
0,087	0,307	0,003	0,010	0,121	FALSE
0,064	0,305	0,002	0,010	0,089	FALSE
0,032	0,303	0,001	0,010	0,029	FALSE
0,037	0,299	0,001	0,008	0,043	FALSE
0,011	0,304	0,001	0,011	0,018	FALSE
0,059	0,299	0,001	0,006	0,079	FALSE
-0,120	0,289	-0,005	0,011	0,166	FALSE
0,001	0,296	0,000	0,008	0,000	FALSE
-0,029	0,301	-0,001	0,006	0,030	FALSE
0,004	0,306	0,000	0,012	0,001	FALSE
0,015	0,312	0,000	0,010	0,003	FALSE
-0,082	0,313	-0,002	0,007	0,110	FALSE
-0,092	0,310	-0,002	0,007	0,091	FALSE
-0,107	0,307	-0,002	0,007	0,119	FALSE
-0,009	0,282	0,000	0,007	0,015	FALSE
0,089	0,317	0,002	0,009	0,103	FALSE
-0,065	0,312	-0,003	0,011	0,084	FALSE
0,060	0,304	0,002	0,011	0,079	FALSE
-0,030	0,311	0,000	0,009	0,011	FALSE
-0,021	0,311	0,000	0,008	0,019	FALSE
-0,016	0,299	0,000	0,008	0,021	FALSE
-0,016	0,311	0,000	0,006	0,007	FALSE
0,144	0,299	0,004	0,007	0,260	FALSE
0,152	0,293	0,008	0,012	0,281	FALSE
0,027	0,314	0,001	0,009	0,023	FALSE
0,027	0,295	0,000	0,010	0,012	FALSE
0,068	0,299	0,002	0,010	0,089	FALSE
0,004	0,305	0,000	0,008	0,006	FALSE
0,060	0,318	0,002	0,009	0,079	FALSE
0,013	0,309	-0,001	0,009	0,032	FALSE
0,073	0,304	0,002	0,007	0,113	FALSE
0,005	0,309	0,000	0,007	0,017	FALSE
-0,139	0,304	-0,003	0,006	0,169	FALSE

0,034	0,311	0,001	0,013	0,039	FALSE
0,128	0,297	0,004	0,008	0,184	FALSE
0,107	0,286	0,003	0,007	0,159	FALSE
0,107	0,295	0,004	0,010	0,145	FALSE
0,045	0,311	0,001	0,007	0,076	FALSE
0,081	0,305	0,002	0,010	0,060	FALSE
-0,018	0,309	0,000	0,011	0,015	FALSE
0,033	0,300	0,000	0,006	0,026	FALSE
0,153	0,309	0,004	0,009	0,188	FALSE
-0,037	0,314	-0,001	0,007	0,053	FALSE
-0,034	0,301	-0,002	0,008	0,075	FALSE
0,091	0,303	0,002	0,008	0,112	FALSE
0,042	0,293	0,001	0,006	0,034	FALSE
0,017	0,305	0,000	0,008	0,019	FALSE
-0,034	0,304	-0,001	0,007	0,062	FALSE
-0,049	0,299	-0,002	0,008	0,078	FALSE
0,020	0,293	0,001	0,010	0,022	FALSE
-0,258	0,293	-0,007	0,009	0,372	FALSE
-0,127	0,313	-0,003	0,007	0,205	FALSE
-0,145	0,297	-0,003	0,006	0,190	FALSE
-0,037	0,297	0,000	0,008	0,005	FALSE
0,058	0,300	0,001	0,007	0,064	FALSE
-0,143	0,303	-0,004	0,007	0,212	FALSE
-0,110	0,310	-0,003	0,008	0,150	FALSE
0,037	0,304	0,002	0,010	0,056	FALSE
-0,171	0,315	-0,003	0,007	0,210	FALSE
0,007	0,295	0,000	0,009	0,001	FALSE
-0,012	0,301	-0,001	0,007	0,052	FALSE
0,014	0,305	0,000	0,012	0,009	FALSE
0,014	0,298	0,001	0,010	0,018	FALSE
-0,065	0,293	-0,002	0,008	0,092	FALSE
-0,045	0,307	-0,001	0,013	0,038	FALSE
-0,013	0,302	0,000	0,010	0,017	FALSE
-0,067	0,317	-0,001	0,008	0,060	FALSE
-0,053	0,297	-0,001	0,007	0,049	FALSE
-0,040	0,311	-0,002	0,012	0,054	FALSE
-0,105	0,327	-0,003	0,010	0,129	FALSE
-0,038	0,297	-0,001	0,012	0,023	FALSE
-0,069	0,316	-0,001	0,007	0,083	FALSE
0,005	0,315	0,001	0,010	0,019	FALSE
-0,022	0,305	-0,001	0,012	0,016	FALSE
0,027	0,318	0,001	0,007	0,053	FALSE
0,050	0,314	0,001	0,008	0,054	FALSE
-0,044	0,299	-0,002	0,008	0,076	FALSE
0,024	0,306	0,000	0,008	0,006	FALSE
0,063	0,305	0,001	0,006	0,046	FALSE
-0,032	0,315	-0,001	0,008	0,046	FALSE
0,045	0,294	0,003	0,011	0,089	FALSE
0,132	0,315	0,003	0,007	0,215	FALSE
-0,062	0,306	-0,002	0,011	0,084	FALSE
0,060	0,301	0,003	0,011	0,102	FALSE
0,051	0,304	0,001	0,007	0,086	FALSE
0,024	0,296	0,001	0,012	0,026	FALSE

-0,141	0,314	-0,007	0,013	0,212	FALSE
0,175	0,311	0,003	0,006	0,221	FALSE
0,054	0,301	0,001	0,007	0,064	FALSE
0,089	0,303	0,002	0,007	0,115	FALSE
0,000	0,290	-0,001	0,009	0,040	FALSE
0,025	0,318	0,001	0,012	0,033	FALSE
0,138	0,293	0,003	0,006	0,210	FALSE
-0,012	0,312	0,000	0,011	0,004	FALSE
0,034	0,303	0,001	0,009	0,030	FALSE
-0,054	0,314	-0,001	0,010	0,044	FALSE
0,005	0,307	0,000	0,010	0,011	FALSE
0,001	0,308	0,000	0,009	0,005	FALSE
0,122	0,302	0,003	0,006	0,224	FALSE
0,008	0,304	0,000	0,006	0,022	FALSE
0,013	0,303	0,001	0,012	0,020	FALSE
0,017	0,289	0,001	0,011	0,037	FALSE
0,107	0,296	0,004	0,011	0,128	FALSE
-0,007	0,324	0,000	0,006	0,009	FALSE
-0,014	0,294	0,000	0,006	0,017	FALSE
-0,054	0,288	-0,002	0,012	0,055	FALSE
0,019	0,310	0,002	0,012	0,055	FALSE
0,003	0,301	0,000	0,006	0,021	FALSE
0,030	0,316	0,001	0,007	0,028	FALSE
-0,067	0,317	-0,002	0,010	0,068	FALSE
-0,009	0,320	0,001	0,013	0,016	FALSE
0,006	0,299	0,000	0,007	0,023	FALSE
-0,012	0,315	0,000	0,009	0,013	FALSE
-0,096	0,315	-0,003	0,011	0,126	FALSE
0,007	0,313	0,001	0,008	0,044	FALSE
0,020	0,307	0,001	0,011	0,022	FALSE
0,017	0,307	0,000	0,008	0,007	FALSE
-0,089	0,301	-0,003	0,011	0,118	FALSE
0,042	0,308	0,001	0,010	0,035	FALSE
0,018	0,319	0,001	0,011	0,019	FALSE
0,119	0,296	0,005	0,012	0,174	FALSE
0,029	0,310	0,001	0,011	0,023	FALSE
-0,056	0,308	-0,001	0,008	0,051	FALSE
-0,028	0,316	-0,002	0,012	0,064	FALSE
0,021	0,313	0,000	0,008	0,022	FALSE
0,022	0,308	0,001	0,007	0,032	FALSE
0,111	0,302	0,005	0,012	0,170	FALSE
-0,098	0,305	-0,004	0,011	0,126	FALSE
-0,067	0,301	-0,003	0,012	0,096	FALSE
0,017	0,306	0,001	0,012	0,030	FALSE
0,027	0,307	0,001	0,010	0,036	FALSE
0,002	0,302	0,000	0,010	0,017	FALSE
-0,006	0,304	0,001	0,011	0,026	FALSE
0,084	0,311	0,001	0,006	0,086	FALSE
0,012	0,308	0,000	0,008	0,006	FALSE
-0,117	0,297	-0,003	0,007	0,186	FALSE
0,067	0,313	0,001	0,009	0,061	FALSE
-0,052	0,308	0,000	0,009	0,018	FALSE
-0,138	0,308	-0,005	0,010	0,194	FALSE

0,071	0,308	0,002	0,012	0,058	FALSE
-0,044	0,314	-0,001	0,007	0,060	FALSE
-0,038	0,312	-0,001	0,007	0,043	FALSE
-0,037	0,305	-0,001	0,008	0,033	FALSE
-0,076	0,297	-0,003	0,012	0,109	FALSE
-0,136	0,302	-0,002	0,007	0,145	FALSE
-0,079	0,299	-0,001	0,007	0,055	FALSE
0,018	0,305	0,001	0,008	0,048	FALSE
-0,039	0,306	-0,001	0,008	0,065	FALSE
0,023	0,314	0,000	0,009	0,002	FALSE
0,008	0,317	0,000	0,013	0,008	FALSE
-0,021	0,320	-0,001	0,013	0,029	FALSE
0,223	0,300	0,008	0,011	0,307	FALSE
-0,033	0,306	-0,001	0,009	0,034	FALSE
-0,054	0,307	-0,001	0,006	0,063	FALSE
0,070	0,313	0,002	0,009	0,074	FALSE
0,024	0,304	0,001	0,008	0,052	FALSE
-0,007	0,307	-0,001	0,008	0,025	FALSE
0,025	0,317	0,001	0,008	0,045	FALSE
0,016	0,308	0,001	0,008	0,053	FALSE
0,066	0,316	0,003	0,011	0,088	FALSE
0,094	0,301	0,003	0,011	0,123	FALSE
-0,092	0,311	-0,002	0,006	0,113	FALSE
0,066	0,296	0,002	0,010	0,089	FALSE
-0,034	0,293	-0,001	0,008	0,026	FALSE
0,036	0,306	0,001	0,009	0,054	FALSE
0,042	0,318	0,001	0,007	0,043	FALSE
-0,011	0,293	0,000	0,006	0,005	FALSE
-0,018	0,311	-0,001	0,012	0,040	FALSE
-0,033	0,306	-0,001	0,011	0,027	FALSE
0,015	0,300	0,001	0,011	0,021	FALSE
0,019	0,300	0,001	0,011	0,023	FALSE
-0,035	0,311	-0,001	0,012	0,021	FALSE
-0,009	0,302	0,000	0,010	0,016	FALSE
-0,037	0,299	-0,001	0,011	0,020	FALSE
-0,012	0,297	-0,001	0,012	0,024	FALSE
-0,025	0,313	-0,001	0,006	0,045	FALSE
-0,079	0,299	-0,003	0,012	0,105	FALSE
0,034	0,317	0,001	0,008	0,044	FALSE
0,097	0,307	0,004	0,010	0,144	FALSE
-0,044	0,311	-0,002	0,011	0,060	FALSE
0,132	0,302	0,006	0,012	0,205	FALSE
0,053	0,309	0,002	0,008	0,081	FALSE
-0,106	0,298	-0,003	0,008	0,179	FALSE
0,100	0,308	0,002	0,008	0,113	FALSE
-0,053	0,303	-0,001	0,012	0,040	FALSE
0,134	0,302	0,004	0,009	0,181	FALSE
-0,003	0,310	0,001	0,011	0,037	FALSE
0,037	0,324	0,001	0,008	0,050	FALSE
0,030	0,324	0,001	0,008	0,055	FALSE
-0,051	0,319	-0,001	0,013	0,033	FALSE
-0,050	0,314	-0,001	0,012	0,034	FALSE
0,037	0,310	0,001	0,008	0,060	FALSE

-0,011	0,300	-0,001	0,013	0,021	FALSE
-0,002	0,303	-0,001	0,012	0,025	FALSE
-0,083	0,296	-0,002	0,011	0,079	FALSE
0,097	0,295	0,002	0,007	0,121	FALSE
-0,184	0,321	-0,003	0,007	0,216	FALSE
-0,158	0,295	-0,003	0,006	0,208	FALSE
-0,199	0,303	-0,004	0,006	0,262	FALSE
0,205	0,298	0,008	0,012	0,319	FALSE
-0,050	0,312	-0,002	0,011	0,051	FALSE
0,067	0,313	0,002	0,007	0,104	FALSE
-0,059	0,317	-0,001	0,009	0,056	FALSE
-0,058	0,304	-0,002	0,008	0,077	FALSE
0,084	0,318	0,003	0,011	0,097	FALSE
0,018	0,297	0,000	0,010	0,000	FALSE
0,105	0,308	0,003	0,008	0,152	FALSE
0,040	0,296	0,001	0,013	0,038	FALSE
0,029	0,302	0,001	0,013	0,020	FALSE
-0,018	0,305	0,000	0,013	0,013	FALSE
-0,065	0,301	-0,002	0,012	0,060	FALSE
-0,022	0,310	-0,001	0,011	0,018	FALSE
0,156	0,295	0,003	0,006	0,196	FALSE
0,167	0,316	0,006	0,010	0,233	FALSE
0,008	0,311	0,000	0,008	0,013	FALSE
0,031	0,307	0,001	0,012	0,027	FALSE
0,028	0,321	0,001	0,012	0,032	FALSE
0,015	0,297	0,001	0,008	0,039	FALSE
0,056	0,306	0,002	0,010	0,076	FALSE
0,062	0,313	0,002	0,007	0,097	FALSE
-0,058	0,305	-0,002	0,011	0,074	FALSE
0,037	0,303	0,001	0,006	0,067	FALSE
-0,045	0,312	-0,001	0,007	0,067	FALSE
-0,028	0,312	0,000	0,006	0,019	FALSE
-0,042	0,312	-0,001	0,006	0,029	FALSE
-0,082	0,305	-0,002	0,007	0,108	FALSE
-0,075	0,318	-0,001	0,008	0,067	FALSE
-0,055	0,321	-0,001	0,008	0,059	FALSE
0,016	0,297	0,002	0,011	0,053	FALSE
-0,048	0,305	-0,001	0,007	0,051	FALSE
0,087	0,298	0,002	0,006	0,136	FALSE
0,175	0,293	0,004	0,006	0,321	FALSE
0,043	0,314	0,003	0,012	0,095	FALSE
0,149	0,302	0,005	0,009	0,245	FALSE
0,012	0,294	0,000	0,008	0,007	FALSE
0,050	0,310	0,002	0,011	0,078	FALSE
-0,068	0,310	-0,003	0,013	0,076	FALSE
-0,005	0,306	-0,001	0,012	0,023	FALSE
0,091	0,288	0,002	0,006	0,115	FALSE
-0,054	0,303	-0,002	0,011	0,067	FALSE
0,021	0,301	0,000	0,011	0,012	FALSE
-0,014	0,313	0,000	0,010	0,015	FALSE
-0,113	0,290	-0,003	0,009	0,112	FALSE
-0,129	0,301	-0,003	0,007	0,187	FALSE
-0,060	0,312	-0,001	0,006	0,042	FALSE

-0,001	0,300	-0,001	0,012	0,026	FALSE
-0,009	0,304	0,000	0,007	0,020	FALSE
-0,035	0,313	-0,002	0,012	0,051	FALSE
0,011	0,315	-0,001	0,008	0,031	FALSE
0,090	0,307	0,003	0,012	0,102	FALSE
0,036	0,295	0,002	0,008	0,077	FALSE
-0,001	0,308	0,001	0,012	0,024	FALSE
0,049	0,289	0,002	0,008	0,092	FALSE
0,033	0,311	0,000	0,008	0,006	FALSE
0,051	0,306	0,002	0,010	0,083	FALSE
-0,157	0,298	-0,003	0,006	0,214	FALSE
-0,073	0,301	-0,002	0,007	0,085	FALSE
0,024	0,303	0,001	0,012	0,037	FALSE
-0,097	0,314	-0,003	0,012	0,105	FALSE
-0,038	0,296	-0,001	0,006	0,039	FALSE
-0,093	0,314	-0,004	0,011	0,135	FALSE
-0,029	0,301	0,000	0,010	0,006	FALSE
-0,102	0,299	-0,002	0,007	0,149	FALSE
-0,092	0,312	-0,003	0,010	0,129	FALSE
0,028	0,325	0,001	0,010	0,033	FALSE
-0,032	0,318	0,000	0,012	0,007	FALSE
0,001	0,309	-0,001	0,012	0,018	FALSE
-0,068	0,315	-0,002	0,007	0,087	FALSE
-0,035	0,305	-0,001	0,008	0,032	FALSE
0,115	0,291	0,005	0,012	0,145	FALSE
-0,075	0,313	-0,003	0,010	0,112	FALSE
-0,117	0,308	-0,004	0,009	0,180	FALSE
0,282	0,278	0,009	0,009	0,549	FALSE
-0,029	0,307	0,000	0,006	0,026	FALSE
-0,065	0,299	-0,002	0,006	0,104	FALSE
-0,078	0,276	-0,003	0,011	0,102	FALSE
0,130	0,294	0,005	0,012	0,187	FALSE
-0,099	0,321	-0,002	0,008	0,114	FALSE
-0,045	0,322	-0,002	0,009	0,072	FALSE
-0,045	0,307	-0,001	0,009	0,025	FALSE
-0,072	0,314	-0,002	0,007	0,090	FALSE
-0,158	0,298	-0,004	0,007	0,240	FALSE
0,035	0,313	0,001	0,008	0,055	FALSE
0,091	0,306	0,002	0,008	0,112	FALSE
0,028	0,305	0,001	0,010	0,040	FALSE
0,018	0,307	0,000	0,008	0,017	FALSE
-0,007	0,303	-0,001	0,009	0,040	FALSE
-0,011	0,305	-0,001	0,010	0,034	FALSE
0,189	0,296	0,007	0,012	0,259	FALSE
0,049	0,311	0,001	0,006	0,042	FALSE
-0,126	0,318	-0,004	0,012	0,135	FALSE
0,017	0,299	0,001	0,009	0,021	FALSE
0,055	0,310	0,001	0,010	0,046	FALSE
0,008	0,312	0,000	0,009	0,001	FALSE
-0,014	0,312	0,000	0,006	0,017	FALSE
-0,112	0,301	-0,002	0,006	0,150	FALSE
-0,037	0,302	-0,001	0,012	0,040	FALSE
0,032	0,309	0,001	0,007	0,036	FALSE

0,127	0,304	0,003	0,007	0,163	FALSE
0,052	0,300	0,001	0,008	0,063	FALSE
0,100	0,311	0,002	0,007	0,117	FALSE
-0,142	0,305	-0,006	0,012	0,209	FALSE
-0,204	0,274	-0,007	0,011	0,303	FALSE
-0,018	0,311	0,000	0,007	0,014	FALSE
-0,107	0,301	-0,002	0,007	0,140	FALSE
0,069	0,299	0,001	0,007	0,063	FALSE
-0,081	0,306	-0,003	0,012	0,091	FALSE
-0,012	0,301	0,000	0,009	0,006	FALSE
0,088	0,297	0,004	0,013	0,112	FALSE
0,042	0,302	0,003	0,011	0,097	FALSE
0,072	0,291	0,004	0,010	0,141	FALSE
0,064	0,284	0,003	0,010	0,128	FALSE
0,119	0,296	0,004	0,011	0,153	FALSE
-0,113	0,302	-0,002	0,006	0,157	FALSE
0,082	0,304	0,003	0,012	0,103	FALSE
0,123	0,314	0,005	0,012	0,161	FALSE
-0,053	0,313	-0,002	0,007	0,086	FALSE
-0,152	0,294	-0,005	0,010	0,213	FALSE
-0,030	0,307	0,000	0,007	0,023	FALSE
-0,051	0,307	-0,001	0,008	0,044	FALSE
-0,082	0,298	-0,002	0,007	0,100	FALSE
-0,161	0,315	-0,004	0,007	0,214	FALSE
0,029	0,303	0,001	0,007	0,050	FALSE
-0,021	0,304	0,000	0,009	0,005	FALSE
-0,112	0,304	-0,004	0,012	0,133	FALSE
0,038	0,309	0,001	0,007	0,033	FALSE
-0,036	0,301	-0,001	0,009	0,026	FALSE
0,070	0,323	0,003	0,013	0,076	FALSE
0,058	0,305	0,002	0,008	0,079	FALSE
0,106	0,302	0,003	0,006	0,164	FALSE
-0,083	0,311	-0,002	0,009	0,086	FALSE
-0,075	0,316	-0,002	0,010	0,079	FALSE
-0,009	0,309	0,000	0,007	0,002	FALSE
-0,017	0,291	0,000	0,009	0,013	FALSE
-0,032	0,307	-0,001	0,010	0,032	FALSE
-0,015	0,311	-0,001	0,007	0,026	FALSE
0,014	0,301	0,000	0,011	0,007	FALSE
0,003	0,308	0,000	0,009	0,004	FALSE
0,009	0,307	0,000	0,011	0,000	FALSE
0,001	0,314	0,000	0,008	0,008	FALSE
0,213	0,291	0,006	0,008	0,370	FALSE
-0,062	0,302	-0,003	0,011	0,100	FALSE
-0,011	0,317	0,000	0,013	0,003	FALSE
0,209	0,297	0,006	0,008	0,348	FALSE
-0,146	0,300	-0,004	0,007	0,231	FALSE
0,208	0,282	0,005	0,007	0,321	FALSE
-0,035	0,310	-0,002	0,007	0,082	FALSE
0,022	0,301	0,001	0,008	0,046	FALSE
-0,056	0,317	-0,002	0,007	0,086	FALSE
-0,259	0,281	-0,011	0,013	0,432	FALSE
0,139	0,293	0,003	0,007	0,217	FALSE

0,067	0,303	0,001	0,007	0,063	FALSE
0,006	0,323	0,001	0,010	0,026	FALSE
0,007	0,313	0,000	0,011	0,002	FALSE
0,087	0,301	0,003	0,011	0,090	FALSE
-0,025	0,318	-0,001	0,007	0,040	FALSE
0,092	0,305	0,003	0,012	0,110	FALSE
0,081	0,328	0,003	0,012	0,082	FALSE
0,088	0,305	0,003	0,012	0,093	FALSE
0,128	0,307	0,005	0,012	0,163	FALSE
0,038	0,291	0,000	0,006	0,026	FALSE
0,048	0,303	0,002	0,010	0,091	FALSE
-0,181	0,291	-0,005	0,009	0,229	FALSE
-0,107	0,300	-0,003	0,008	0,150	FALSE
0,078	0,310	0,002	0,009	0,095	FALSE
0,082	0,294	0,003	0,009	0,114	FALSE
0,069	0,314	0,001	0,008	0,060	FALSE
0,045	0,297	0,003	0,009	0,119	FALSE
0,041	0,304	0,002	0,009	0,081	FALSE
-0,028	0,304	-0,001	0,009	0,021	FALSE
-0,028	0,307	0,000	0,009	0,019	FALSE
-0,049	0,310	-0,001	0,007	0,043	FALSE
-0,019	0,302	0,000	0,006	0,001	FALSE
-0,018	0,306	0,000	0,010	0,016	FALSE
0,028	0,316	0,001	0,012	0,045	FALSE
0,053	0,317	0,001	0,008	0,049	FALSE
-0,074	0,304	-0,004	0,012	0,120	FALSE
0,038	0,297	0,001	0,010	0,027	FALSE
-0,026	0,306	-0,001	0,010	0,041	FALSE
0,095	0,298	0,004	0,012	0,146	FALSE
-0,003	0,290	-0,001	0,007	0,028	FALSE
-0,070	0,306	-0,002	0,009	0,105	FALSE
-0,116	0,308	-0,003	0,008	0,149	FALSE
-0,047	0,310	-0,001	0,010	0,047	FALSE
-0,008	0,317	0,000	0,006	0,001	FALSE
0,024	0,307	0,002	0,010	0,055	FALSE
0,003	0,314	0,000	0,010	0,007	FALSE
0,030	0,307	0,001	0,010	0,042	FALSE
0,024	0,300	0,001	0,010	0,050	FALSE
-0,046	0,309	-0,001	0,011	0,044	FALSE
0,016	0,300	0,000	0,012	0,010	FALSE
0,037	0,308	0,001	0,006	0,045	FALSE
0,038	0,317	0,002	0,013	0,063	FALSE
-0,039	0,297	-0,003	0,012	0,087	FALSE
-0,074	0,321	-0,003	0,009	0,108	FALSE
-0,029	0,312	0,000	0,007	0,010	FALSE
-0,105	0,303	-0,002	0,006	0,104	FALSE
0,078	0,301	0,002	0,011	0,057	FALSE
0,012	0,297	0,000	0,012	0,008	FALSE
0,071	0,314	0,002	0,008	0,089	FALSE
-0,042	0,311	-0,002	0,013	0,055	FALSE
0,057	0,299	0,000	0,009	0,007	FALSE
-0,040	0,306	-0,001	0,008	0,033	FALSE
0,063	0,291	0,002	0,009	0,084	FALSE

-0,013	0,305	0,000	0,007	0,022	FALSE
-0,184	0,277	-0,009	0,011	0,362	FALSE
-0,040	0,308	0,000	0,007	0,025	FALSE
-0,142	0,301	-0,007	0,013	0,217	FALSE
-0,021	0,294	0,000	0,007	0,012	FALSE
-0,026	0,302	-0,002	0,012	0,059	FALSE
-0,057	0,294	-0,001	0,009	0,041	FALSE
-0,018	0,328	-0,002	0,012	0,050	FALSE
-0,072	0,309	-0,002	0,007	0,095	FALSE
0,016	0,313	0,000	0,012	0,001	FALSE
0,018	0,323	0,001	0,013	0,031	FALSE
0,025	0,297	0,001	0,007	0,052	FALSE
-0,079	0,315	-0,002	0,008	0,102	FALSE
0,041	0,318	0,001	0,007	0,068	FALSE
0,105	0,314	0,003	0,008	0,136	FALSE
-0,122	0,299	-0,004	0,010	0,179	FALSE
-0,050	0,291	-0,001	0,007	0,029	FALSE
-0,080	0,307	-0,003	0,011	0,093	FALSE
0,036	0,307	0,001	0,012	0,029	FALSE
0,030	0,315	0,002	0,013	0,063	FALSE
-0,069	0,300	-0,002	0,008	0,088	FALSE
0,051	0,300	0,001	0,008	0,061	FALSE
-0,083	0,309	-0,005	0,013	0,142	FALSE
0,002	0,312	0,000	0,008	0,004	FALSE
0,064	0,303	0,003	0,011	0,102	FALSE
-0,096	0,316	-0,003	0,011	0,120	FALSE
0,095	0,306	0,003	0,009	0,157	FALSE
0,018	0,305	0,001	0,008	0,042	FALSE
-0,035	0,316	-0,001	0,010	0,027	FALSE
-0,042	0,296	-0,001	0,006	0,032	FALSE
-0,053	0,325	-0,001	0,007	0,051	FALSE
-0,016	0,296	0,000	0,012	0,002	FALSE
-0,026	0,315	0,000	0,012	0,012	FALSE
0,006	0,312	0,000	0,012	0,004	FALSE
-0,045	0,317	-0,002	0,012	0,050	FALSE
0,064	0,305	0,003	0,012	0,088	FALSE
-0,113	0,310	-0,004	0,011	0,146	FALSE
0,064	0,293	0,003	0,011	0,113	FALSE
0,064	0,309	0,002	0,012	0,076	FALSE
0,076	0,312	0,003	0,011	0,085	FALSE
0,128	0,297	0,004	0,009	0,221	FALSE
0,010	0,295	0,000	0,010	0,015	FALSE
-0,021	0,295	0,000	0,006	0,014	FALSE
-0,019	0,303	0,000	0,007	0,005	FALSE
-0,052	0,299	-0,003	0,011	0,095	FALSE
0,037	0,307	0,001	0,013	0,035	FALSE
-0,017	0,310	0,000	0,012	0,004	FALSE
-0,197	0,314	-0,004	0,007	0,274	FALSE
-0,165	0,291	-0,007	0,010	0,321	FALSE
0,063	0,314	0,002	0,008	0,091	FALSE
0,043	0,312	0,001	0,008	0,058	FALSE
-0,191	0,312	-0,008	0,013	0,296	FALSE
0,036	0,314	0,001	0,007	0,044	FALSE

0,000	0,310	0,000	0,009	0,007	FALSE
-0,017	0,287	-0,001	0,012	0,027	FALSE
0,033	0,294	0,001	0,007	0,046	FALSE
0,065	0,319	0,002	0,007	0,093	FALSE
-0,030	0,301	0,000	0,006	0,002	FALSE
0,062	0,292	0,003	0,012	0,105	FALSE
0,011	0,301	0,000	0,011	0,007	FALSE
0,009	0,315	0,000	0,010	0,004	FALSE
-0,094	0,310	-0,003	0,010	0,100	FALSE
0,104	0,301	0,004	0,011	0,125	FALSE
-0,002	0,314	0,001	0,012	0,023	FALSE
-0,075	0,302	-0,003	0,012	0,092	FALSE
-0,072	0,296	-0,003	0,010	0,097	FALSE
-0,005	0,307	0,000	0,010	0,003	FALSE
0,068	0,300	0,003	0,011	0,117	FALSE
0,029	0,302	0,001	0,007	0,029	FALSE
-0,046	0,305	-0,002	0,011	0,063	FALSE
-0,035	0,302	-0,001	0,009	0,048	FALSE
0,026	0,307	0,001	0,010	0,024	FALSE
-0,023	0,304	-0,001	0,011	0,037	FALSE
0,125	0,310	0,003	0,008	0,162	FALSE
-0,039	0,311	-0,001	0,010	0,046	FALSE
-0,095	0,302	-0,002	0,008	0,086	FALSE
0,130	0,294	0,003	0,007	0,189	FALSE
-0,097	0,312	-0,002	0,008	0,078	FALSE
-0,120	0,288	-0,004	0,008	0,186	FALSE
-0,170	0,280	-0,004	0,007	0,274	FALSE
-0,049	0,285	-0,001	0,012	0,043	FALSE
0,099	0,317	0,003	0,008	0,132	FALSE
-0,019	0,304	-0,001	0,013	0,027	FALSE
0,048	0,312	0,000	0,008	0,018	FALSE
0,087	0,302	0,001	0,007	0,083	FALSE
-0,089	0,303	-0,003	0,013	0,102	FALSE
-0,029	0,315	-0,001	0,013	0,024	FALSE
-0,035	0,320	-0,002	0,012	0,059	FALSE
-0,100	0,301	-0,002	0,006	0,109	FALSE
0,215	0,309	0,005	0,007	0,308	FALSE
0,117	0,308	0,004	0,009	0,156	FALSE
-0,164	0,288	-0,005	0,011	0,212	FALSE
-0,030	0,302	0,000	0,007	0,014	FALSE
0,110	0,315	0,004	0,012	0,126	FALSE
-0,073	0,304	-0,001	0,006	0,065	FALSE
-0,001	0,309	-0,001	0,008	0,028	FALSE
-0,023	0,317	-0,001	0,007	0,048	FALSE
-0,031	0,310	-0,001	0,007	0,053	FALSE
-0,021	0,306	-0,001	0,007	0,037	FALSE
-0,058	0,295	-0,002	0,010	0,056	FALSE
0,069	0,314	0,002	0,007	0,093	FALSE
-0,091	0,322	-0,004	0,013	0,110	FALSE
-0,159	0,303	-0,006	0,011	0,226	FALSE
0,048	0,307	0,002	0,010	0,082	FALSE
0,045	0,308	0,002	0,010	0,083	FALSE
-0,154	0,300	-0,006	0,012	0,212	FALSE

0,190	0,296	0,005	0,008	0,263	FALSE
0,210	0,307	0,005	0,008	0,280	FALSE
0,070	0,301	0,001	0,007	0,080	FALSE
0,013	0,313	0,001	0,009	0,053	FALSE
0,168	0,305	0,005	0,010	0,210	FALSE
0,031	0,307	0,001	0,009	0,040	FALSE
-0,185	0,312	-0,004	0,007	0,235	FALSE
0,024	0,300	0,001	0,012	0,042	FALSE
-0,013	0,314	0,000	0,008	0,004	FALSE
-0,024	0,305	-0,001	0,008	0,050	FALSE
0,022	0,316	0,001	0,009	0,039	FALSE
-0,063	0,295	-0,003	0,011	0,101	FALSE
-0,003	0,311	0,000	0,007	0,021	FALSE
-0,029	0,310	-0,002	0,013	0,060	FALSE
0,053	0,306	0,002	0,007	0,092	FALSE
-0,065	0,298	-0,003	0,011	0,128	FALSE
-0,036	0,307	-0,001	0,012	0,039	FALSE
0,053	0,318	0,001	0,008	0,063	FALSE
-0,077	0,311	-0,002	0,009	0,078	FALSE
-0,081	0,305	-0,002	0,007	0,129	FALSE
-0,066	0,309	-0,002	0,009	0,067	FALSE
-0,061	0,291	-0,002	0,009	0,084	FALSE
-0,040	0,302	-0,002	0,012	0,056	FALSE
-0,045	0,300	-0,002	0,013	0,050	FALSE
0,138	0,309	0,005	0,010	0,220	FALSE
0,091	0,306	0,005	0,013	0,146	FALSE
0,070	0,292	0,004	0,012	0,141	FALSE
0,109	0,298	0,005	0,011	0,180	FALSE
-0,119	0,310	-0,006	0,012	0,187	FALSE
0,000	0,299	0,000	0,007	0,007	FALSE
-0,012	0,296	-0,001	0,011	0,023	FALSE
0,063	0,296	0,001	0,009	0,038	FALSE
0,067	0,309	0,002	0,008	0,092	FALSE
-0,085	0,305	-0,002	0,011	0,069	FALSE
-0,045	0,304	-0,002	0,008	0,070	FALSE
0,044	0,304	0,001	0,010	0,047	FALSE
0,014	0,298	0,000	0,011	0,011	FALSE
-0,054	0,321	-0,002	0,009	0,075	FALSE
0,091	0,323	0,002	0,006	0,114	FALSE
0,101	0,305	0,003	0,011	0,124	FALSE
-0,033	0,315	-0,001	0,007	0,032	FALSE
-0,001	0,307	0,000	0,007	0,013	FALSE
-0,062	0,314	-0,001	0,008	0,055	FALSE
-0,081	0,302	-0,004	0,012	0,124	FALSE
0,077	0,313	0,003	0,012	0,104	FALSE
0,081	0,322	0,003	0,009	0,135	FALSE
0,101	0,305	0,003	0,012	0,087	FALSE
0,119	0,314	0,004	0,010	0,146	FALSE
-0,050	0,289	-0,001	0,007	0,042	FALSE
-0,050	0,295	-0,001	0,008	0,069	FALSE
0,002	0,303	0,001	0,012	0,022	FALSE
0,041	0,292	0,002	0,012	0,066	FALSE
-0,008	0,307	0,000	0,013	0,002	FALSE

-0,122	0,308	-0,006	0,013	0,180	FALSE
-0,015	0,316	-0,001	0,009	0,028	FALSE
-0,024	0,307	-0,001	0,009	0,020	FALSE
-0,023	0,326	-0,001	0,007	0,048	FALSE
0,007	0,304	0,000	0,007	0,002	FALSE
0,014	0,309	0,000	0,011	0,012	FALSE
0,062	0,310	0,002	0,009	0,100	FALSE
0,001	0,292	0,000	0,008	0,018	FALSE
0,086	0,299	0,002	0,006	0,143	FALSE
0,111	0,306	0,003	0,007	0,174	FALSE
0,031	0,311	0,001	0,012	0,023	FALSE
0,004	0,306	0,000	0,012	0,009	FALSE
0,101	0,302	0,002	0,007	0,108	FALSE
0,110	0,290	0,004	0,010	0,176	FALSE
0,120	0,310	0,004	0,012	0,150	FALSE
-0,018	0,319	-0,001	0,012	0,017	FALSE
0,047	0,300	0,001	0,009	0,047	FALSE
-0,075	0,301	-0,003	0,012	0,090	FALSE
0,074	0,314	0,002	0,006	0,107	FALSE
0,073	0,311	0,002	0,010	0,062	FALSE
-0,031	0,310	-0,002	0,010	0,061	FALSE
-0,177	0,295	-0,005	0,008	0,261	FALSE
-0,136	0,299	-0,004	0,010	0,167	FALSE
0,002	0,309	0,000	0,007	0,021	FALSE
0,164	0,292	0,006	0,009	0,253	FALSE
0,034	0,296	0,001	0,011	0,040	FALSE
0,061	0,306	0,002	0,010	0,082	FALSE
0,025	0,315	0,001	0,012	0,045	FALSE
0,098	0,316	0,002	0,008	0,117	FALSE
0,019	0,323	0,001	0,008	0,040	FALSE
-0,026	0,323	-0,001	0,010	0,048	FALSE
0,005	0,301	0,001	0,012	0,027	FALSE
-0,022	0,309	-0,001	0,012	0,023	FALSE
0,004	0,302	-0,001	0,012	0,019	FALSE
0,056	0,319	0,001	0,011	0,028	FALSE
-0,006	0,309	-0,001	0,013	0,025	FALSE
0,014	0,306	0,000	0,010	0,011	FALSE
0,113	0,293	0,004	0,012	0,147	FALSE
-0,053	0,301	-0,002	0,012	0,058	FALSE
-0,126	0,297	-0,003	0,007	0,157	FALSE
0,089	0,301	0,003	0,011	0,093	FALSE
0,160	0,293	0,006	0,013	0,196	FALSE
-0,003	0,312	-0,001	0,011	0,031	FALSE
0,140	0,305	0,005	0,013	0,172	FALSE
0,089	0,303	0,003	0,011	0,111	FALSE
-0,023	0,306	-0,001	0,008	0,035	FALSE
-0,120	0,294	-0,004	0,011	0,132	FALSE
-0,034	0,322	-0,001	0,009	0,053	FALSE
-0,081	0,303	-0,002	0,009	0,095	FALSE
0,081	0,317	0,001	0,008	0,063	FALSE
-0,053	0,305	-0,001	0,007	0,053	FALSE
0,036	0,315	0,000	0,008	0,019	FALSE
0,142	0,300	0,004	0,010	0,174	FALSE

0,171	0,318	0,005	0,010	0,197	FALSE
0,133	0,309	0,004	0,009	0,199	FALSE
-0,055	0,305	-0,001	0,009	0,059	FALSE
-0,021	0,314	-0,001	0,009	0,055	FALSE
0,015	0,314	0,001	0,007	0,032	FALSE
-0,046	0,313	-0,002	0,010	0,063	FALSE
0,025	0,316	0,000	0,012	0,010	FALSE
0,082	0,282	0,001	0,007	0,082	FALSE
0,013	0,311	0,000	0,011	0,003	FALSE
0,087	0,302	0,002	0,007	0,091	FALSE
0,148	0,294	0,007	0,011	0,246	FALSE
0,122	0,299	0,003	0,006	0,177	FALSE
-0,096	0,311	-0,004	0,011	0,162	FALSE
0,097	0,292	0,004	0,012	0,114	FALSE
0,014	0,301	-0,001	0,012	0,023	FALSE
0,022	0,312	0,001	0,006	0,044	FALSE
0,006	0,311	0,000	0,006	0,023	FALSE
0,043	0,301	0,001	0,009	0,047	FALSE
0,039	0,297	0,000	0,007	0,016	FALSE
0,053	0,305	0,002	0,012	0,075	FALSE
0,060	0,297	0,002	0,011	0,055	FALSE
0,139	0,309	0,003	0,006	0,237	FALSE
0,072	0,319	0,003	0,011	0,089	FALSE
0,050	0,306	0,002	0,009	0,096	FALSE
0,059	0,307	0,003	0,012	0,084	FALSE
0,014	0,317	0,001	0,009	0,035	FALSE
-0,022	0,312	-0,001	0,008	0,042	FALSE
-0,053	0,302	-0,002	0,011	0,061	FALSE
-0,053	0,325	-0,001	0,007	0,058	FALSE
0,019	0,310	0,000	0,008	0,006	FALSE
0,065	0,304	0,001	0,006	0,091	FALSE
0,024	0,309	-0,001	0,010	0,023	FALSE
-0,205	0,274	-0,010	0,012	0,372	FALSE
0,024	0,305	0,001	0,012	0,042	FALSE
-0,003	0,300	0,000	0,008	0,010	FALSE
0,040	0,304	0,001	0,006	0,060	FALSE
0,000	0,294	0,000	0,009	0,017	FALSE
-0,089	0,316	-0,003	0,011	0,118	FALSE
0,028	0,302	0,001	0,007	0,054	FALSE
0,050	0,313	0,002	0,010	0,080	FALSE
-0,113	0,298	-0,003	0,009	0,133	FALSE
0,003	0,313	0,000	0,010	0,004	FALSE
0,117	0,296	0,005	0,011	0,172	FALSE
0,058	0,300	0,001	0,011	0,038	FALSE
0,005	0,305	-0,001	0,013	0,021	FALSE
0,018	0,304	0,000	0,012	0,009	FALSE
0,101	0,309	0,003	0,011	0,116	FALSE
-0,110	0,304	-0,002	0,007	0,123	FALSE
-0,076	0,294	-0,002	0,006	0,100	FALSE
-0,027	0,309	0,000	0,007	0,017	FALSE
0,167	0,299	0,004	0,008	0,224	FALSE
0,060	0,310	0,002	0,010	0,070	FALSE
0,128	0,296	0,003	0,007	0,163	FALSE

-0,010	0,299	0,000	0,008	0,003	FALSE
-0,163	0,307	-0,004	0,006	0,248	FALSE
0,042	0,309	0,001	0,006	0,041	FALSE
-0,002	0,313	-0,001	0,010	0,030	FALSE
0,162	0,294	0,004	0,007	0,242	FALSE
0,076	0,296	0,003	0,010	0,130	FALSE
0,072	0,315	0,003	0,011	0,107	FALSE
-0,143	0,307	-0,005	0,011	0,176	FALSE
-0,131	0,313	-0,005	0,012	0,173	FALSE
-0,001	0,311	-0,001	0,010	0,030	FALSE
-0,087	0,309	-0,002	0,007	0,097	FALSE
0,013	0,299	-0,001	0,013	0,024	FALSE
-0,005	0,291	-0,001	0,012	0,036	FALSE
-0,179	0,286	-0,007	0,010	0,283	FALSE
-0,059	0,291	-0,003	0,012	0,079	FALSE
0,113	0,323	0,002	0,008	0,093	FALSE
-0,032	0,319	0,000	0,009	0,015	FALSE
-0,054	0,288	-0,001	0,007	0,047	FALSE
-0,020	0,304	-0,001	0,012	0,020	FALSE
0,038	0,292	0,001	0,012	0,022	FALSE
-0,027	0,305	-0,001	0,008	0,022	FALSE
-0,057	0,304	-0,001	0,009	0,054	FALSE
0,019	0,297	0,001	0,012	0,016	FALSE
0,024	0,304	0,000	0,007	0,027	FALSE
-0,104	0,304	-0,003	0,008	0,137	FALSE
-0,038	0,309	-0,001	0,008	0,036	FALSE
-0,191	0,298	-0,004	0,007	0,254	FALSE
-0,172	0,299	-0,007	0,012	0,269	FALSE
0,068	0,318	0,002	0,008	0,120	FALSE
0,056	0,321	0,003	0,013	0,083	FALSE
-0,074	0,303	-0,001	0,012	0,041	FALSE
0,005	0,334	0,000	0,012	0,006	FALSE
0,031	0,318	0,001	0,008	0,055	FALSE
0,035	0,319	0,001	0,008	0,025	FALSE
-0,145	0,306	-0,004	0,008	0,220	FALSE
-0,115	0,305	-0,003	0,008	0,164	FALSE
-0,151	0,303	-0,004	0,008	0,219	FALSE
0,048	0,312	0,001	0,010	0,038	FALSE
-0,024	0,303	-0,001	0,012	0,035	FALSE
0,161	0,300	0,005	0,010	0,219	FALSE
0,098	0,305	0,004	0,013	0,121	FALSE
-0,030	0,301	-0,001	0,007	0,043	FALSE
0,074	0,309	0,003	0,009	0,117	FALSE
0,011	0,305	0,000	0,007	0,001	FALSE
0,078	0,300	0,003	0,008	0,128	FALSE
0,084	0,307	0,003	0,008	0,137	FALSE
-0,107	0,300	-0,003	0,007	0,141	FALSE
-0,029	0,288	-0,002	0,012	0,075	FALSE
-0,143	0,301	-0,004	0,008	0,221	FALSE
-0,098	0,299	-0,003	0,009	0,116	FALSE
0,067	0,320	0,002	0,011	0,069	FALSE
-0,069	0,317	-0,002	0,009	0,085	FALSE
-0,044	0,310	-0,001	0,009	0,053	FALSE

0,025	0,313	0,000	0,007	0,017	FALSE
0,169	0,316	0,007	0,012	0,241	FALSE
0,003	0,319	0,000	0,010	0,004	FALSE
0,002	0,321	0,000	0,011	0,012	FALSE
-0,185	0,307	-0,007	0,012	0,259	FALSE
-0,028	0,310	-0,001	0,008	0,039	FALSE
0,032	0,312	0,001	0,008	0,051	FALSE
0,037	0,316	0,002	0,012	0,047	FALSE
0,054	0,308	0,003	0,012	0,082	FALSE
0,117	0,298	0,004	0,010	0,152	FALSE
0,157	0,300	0,006	0,011	0,261	FALSE
0,182	0,304	0,007	0,011	0,293	FALSE
-0,050	0,298	-0,001	0,006	0,068	FALSE
0,113	0,296	0,003	0,009	0,152	FALSE
0,158	0,298	0,003	0,006	0,205	FALSE
0,042	0,311	0,002	0,009	0,064	FALSE
0,012	0,300	0,000	0,012	0,000	FALSE
0,107	0,310	0,004	0,011	0,135	FALSE
0,156	0,304	0,004	0,008	0,235	FALSE
-0,039	0,308	-0,001	0,008	0,037	FALSE
-0,036	0,307	-0,001	0,008	0,030	FALSE
-0,031	0,304	-0,001	0,010	0,042	FALSE
-0,012	0,306	0,000	0,006	0,007	FALSE
0,025	0,311	0,002	0,012	0,059	FALSE
0,113	0,298	0,003	0,007	0,154	FALSE
0,101	0,306	0,003	0,007	0,171	FALSE
-0,100	0,306	-0,003	0,009	0,121	FALSE
-0,101	0,307	-0,004	0,012	0,132	FALSE
0,062	0,307	0,002	0,007	0,100	FALSE
-0,015	0,308	0,000	0,008	0,008	FALSE
-0,007	0,304	0,000	0,007	0,022	FALSE
-0,020	0,291	0,000	0,008	0,012	FALSE
0,190	0,300	0,004	0,007	0,258	FALSE
-0,011	0,292	0,000	0,011	0,002	FALSE
-0,043	0,293	-0,001	0,007	0,069	FALSE
0,014	0,315	0,000	0,007	0,007	FALSE
0,031	0,314	0,001	0,007	0,026	FALSE
0,089	0,308	0,002	0,007	0,103	FALSE
-0,003	0,316	0,000	0,009	0,008	FALSE
0,028	0,311	0,001	0,008	0,041	FALSE
0,038	0,309	0,001	0,012	0,044	FALSE
-0,075	0,292	-0,002	0,007	0,113	FALSE
-0,018	0,313	0,000	0,007	0,009	FALSE
0,093	0,297	0,004	0,012	0,152	FALSE
-0,045	0,313	-0,002	0,010	0,083	FALSE
0,054	0,302	0,002	0,010	0,064	FALSE
-0,043	0,313	-0,002	0,010	0,089	FALSE
-0,013	0,311	0,000	0,009	0,005	FALSE
-0,066	0,304	-0,002	0,008	0,080	FALSE
-0,128	0,287	-0,005	0,010	0,217	FALSE
0,068	0,309	0,002	0,009	0,084	FALSE
0,046	0,291	0,001	0,006	0,082	FALSE
-0,042	0,303	-0,002	0,012	0,074	FALSE

0,024	0,305	0,000	0,007	0,022	FALSE
0,100	0,302	0,004	0,010	0,165	FALSE
0,097	0,313	0,004	0,011	0,150	FALSE
0,008	0,301	-0,001	0,011	0,025	FALSE
-0,021	0,312	-0,001	0,012	0,024	FALSE
-0,149	0,284	-0,007	0,012	0,243	FALSE
-0,027	0,300	0,000	0,008	0,018	FALSE
-0,013	0,321	0,000	0,009	0,012	FALSE
0,079	0,305	0,002	0,007	0,111	FALSE
0,008	0,316	0,000	0,008	0,007	FALSE
-0,015	0,300	0,000	0,009	0,011	FALSE
0,018	0,306	0,001	0,011	0,027	FALSE
0,047	0,303	0,002	0,008	0,077	FALSE
0,033	0,318	0,001	0,009	0,036	FALSE
0,073	0,309	0,003	0,011	0,093	FALSE
-0,067	0,312	-0,002	0,009	0,079	FALSE
0,069	0,309	0,003	0,011	0,086	FALSE
-0,034	0,311	-0,002	0,010	0,065	FALSE
-0,003	0,322	0,000	0,012	0,014	FALSE
-0,012	0,316	-0,001	0,011	0,039	FALSE
0,110	0,302	0,004	0,011	0,134	FALSE
-0,066	0,309	-0,001	0,009	0,060	FALSE
-0,019	0,303	-0,001	0,010	0,030	FALSE
-0,018	0,292	0,000	0,012	0,004	FALSE
-0,165	0,310	-0,003	0,007	0,210	FALSE
-0,135	0,312	-0,004	0,011	0,152	FALSE
0,051	0,317	0,001	0,006	0,043	FALSE
0,017	0,299	0,001	0,012	0,028	FALSE
-0,048	0,311	-0,001	0,007	0,048	FALSE
0,042	0,318	0,001	0,011	0,047	FALSE
0,060	0,309	0,001	0,008	0,058	FALSE
-0,056	0,308	-0,002	0,010	0,078	FALSE
-0,021	0,308	0,000	0,006	0,024	FALSE
-0,003	0,308	0,000	0,006	0,016	FALSE
-0,005	0,305	0,000	0,008	0,012	FALSE
-0,118	0,322	-0,005	0,013	0,156	FALSE
-0,031	0,298	0,000	0,008	0,002	FALSE
0,016	0,325	0,001	0,011	0,030	FALSE
0,040	0,318	0,002	0,011	0,063	FALSE
0,029	0,299	0,001	0,008	0,034	FALSE
0,075	0,314	0,002	0,008	0,107	FALSE
-0,066	0,315	-0,002	0,012	0,059	FALSE
0,024	0,318	0,001	0,013	0,033	FALSE
0,012	0,315	0,000	0,008	0,013	FALSE
0,007	0,307	0,001	0,013	0,028	FALSE
0,021	0,308	0,000	0,009	0,018	FALSE
0,100	0,307	0,002	0,007	0,139	FALSE
0,030	0,309	0,001	0,007	0,044	FALSE
0,077	0,307	0,002	0,009	0,107	FALSE
-0,021	0,310	-0,001	0,007	0,062	FALSE
0,132	0,306	0,003	0,008	0,169	FALSE
0,037	0,299	0,001	0,007	0,076	FALSE
-0,110	0,305	-0,003	0,010	0,139	FALSE

0,085	0,325	0,002	0,006	0,116	FALSE
0,085	0,296	0,003	0,010	0,098	FALSE
-0,067	0,303	-0,001	0,007	0,051	FALSE
-0,013	0,285	0,000	0,006	0,005	FALSE
-0,076	0,301	-0,002	0,009	0,104	FALSE
0,042	0,279	0,001	0,006	0,075	FALSE
-0,121	0,311	-0,005	0,010	0,181	FALSE
0,005	0,308	0,000	0,007	0,001	FALSE
-0,150	0,302	-0,003	0,007	0,177	FALSE
-0,060	0,305	-0,002	0,010	0,064	FALSE
0,082	0,308	0,003	0,013	0,085	FALSE
-0,040	0,311	-0,001	0,012	0,042	FALSE
-0,037	0,307	-0,001	0,011	0,033	FALSE
0,115	0,314	0,004	0,011	0,135	FALSE
0,127	0,306	0,005	0,012	0,161	FALSE
0,091	0,315	0,003	0,012	0,099	FALSE
0,091	0,322	0,003	0,008	0,133	FALSE
-0,015	0,322	0,000	0,008	0,008	FALSE
-0,021	0,295	0,000	0,006	0,009	FALSE
0,116	0,306	0,004	0,011	0,152	FALSE
0,059	0,314	0,002	0,012	0,071	FALSE
0,072	0,322	0,003	0,011	0,093	FALSE
-0,025	0,313	0,000	0,010	0,015	FALSE
0,045	0,316	0,001	0,007	0,029	FALSE
0,014	0,308	0,000	0,009	0,008	FALSE
0,003	0,297	0,001	0,008	0,059	FALSE
-0,081	0,297	-0,002	0,007	0,106	FALSE
0,034	0,320	0,001	0,010	0,036	FALSE
0,122	0,300	0,005	0,012	0,169	FALSE
0,039	0,299	0,001	0,009	0,050	FALSE
0,098	0,307	0,002	0,007	0,103	FALSE
-0,045	0,313	-0,002	0,012	0,064	FALSE
0,075	0,295	0,002	0,008	0,081	FALSE
-0,070	0,313	-0,002	0,007	0,087	FALSE
-0,037	0,298	-0,002	0,012	0,057	FALSE
0,050	0,296	0,002	0,008	0,082	FALSE
0,056	0,304	0,002	0,008	0,091	FALSE
-0,056	0,294	-0,002	0,008	0,120	FALSE
-0,025	0,302	-0,002	0,008	0,072	FALSE
-0,025	0,299	-0,001	0,009	0,033	FALSE
0,000	0,317	0,000	0,008	0,003	FALSE
0,010	0,278	0,000	0,006	0,002	FALSE
0,001	0,289	0,000	0,006	0,003	FALSE
0,045	0,282	0,001	0,007	0,041	FALSE
-0,177	0,313	-0,003	0,007	0,215	FALSE
-0,040	0,307	-0,001	0,007	0,040	FALSE
-0,167	0,292	-0,003	0,006	0,240	FALSE
0,013	0,313	0,001	0,010	0,048	FALSE
0,017	0,310	0,000	0,011	0,008	FALSE
0,084	0,306	0,002	0,010	0,079	FALSE
0,185	0,294	0,005	0,008	0,296	FALSE
-0,100	0,299	-0,003	0,008	0,125	FALSE
0,176	0,308	0,008	0,012	0,282	TRUE

0,138	0,305	0,003	0,007	0,207	FALSE
0,007	0,301	0,000	0,009	0,010	FALSE
-0,050	0,308	-0,002	0,011	0,069	FALSE
-0,076	0,299	-0,002	0,009	0,099	FALSE
0,056	0,313	0,002	0,010	0,078	FALSE
-0,059	0,292	-0,002	0,007	0,098	FALSE
-0,019	0,315	0,000	0,009	0,003	FALSE
-0,030	0,307	0,000	0,009	0,019	FALSE
-0,024	0,297	0,000	0,009	0,016	FALSE
0,115	0,307	0,003	0,007	0,150	FALSE
0,051	0,294	0,001	0,006	0,054	FALSE
-0,006	0,320	0,000	0,009	0,006	FALSE
0,004	0,322	0,000	0,012	0,003	FALSE
-0,003	0,320	0,000	0,012	0,013	FALSE
0,046	0,314	0,001	0,008	0,052	FALSE
-0,071	0,302	-0,001	0,006	0,072	FALSE
-0,005	0,300	0,000	0,012	0,015	FALSE
-0,180	0,301	-0,008	0,013	0,272	FALSE
-0,185	0,292	-0,007	0,012	0,262	FALSE
0,178	0,299	0,008	0,012	0,287	FALSE
-0,090	0,311	-0,003	0,010	0,107	FALSE
-0,065	0,303	-0,002	0,010	0,092	FALSE
-0,049	0,318	-0,003	0,013	0,084	FALSE
-0,096	0,314	-0,002	0,007	0,099	FALSE
-0,176	0,312	-0,004	0,009	0,214	FALSE
0,112	0,293	0,004	0,012	0,153	FALSE
-0,068	0,311	-0,002	0,009	0,080	FALSE
0,111	0,307	0,002	0,007	0,132	FALSE
0,123	0,297	0,003	0,009	0,139	FALSE
0,049	0,301	0,001	0,010	0,048	FALSE
-0,061	0,294	-0,001	0,007	0,073	FALSE
0,107	0,306	0,004	0,011	0,147	FALSE
0,027	0,307	0,002	0,012	0,047	FALSE
0,000	0,303	0,000	0,009	0,016	FALSE
-0,104	0,294	-0,004	0,012	0,144	FALSE
-0,049	0,303	-0,001	0,009	0,061	FALSE
-0,029	0,310	-0,001	0,010	0,033	FALSE
0,146	0,298	0,006	0,012	0,220	FALSE
0,031	0,307	0,001	0,011	0,030	FALSE
0,008	0,302	0,000	0,009	0,018	FALSE
0,029	0,316	0,001	0,011	0,016	FALSE
0,164	0,291	0,007	0,012	0,241	FALSE
-0,090	0,294	-0,004	0,010	0,143	FALSE
0,131	0,314	0,003	0,008	0,152	FALSE
-0,068	0,315	-0,002	0,008	0,112	FALSE
0,009	0,306	0,000	0,008	0,006	FALSE
-0,015	0,307	-0,001	0,007	0,032	FALSE
-0,008	0,316	-0,001	0,012	0,029	FALSE
0,026	0,296	0,000	0,010	0,017	FALSE
0,063	0,293	0,002	0,012	0,049	FALSE
-0,085	0,305	-0,002	0,006	0,110	FALSE
-0,050	0,299	-0,001	0,010	0,043	FALSE
-0,055	0,314	-0,001	0,006	0,073	FALSE

0,029	0,305	0,000	0,006	0,007	FALSE
-0,057	0,301	-0,003	0,011	0,105	FALSE
0,034	0,323	0,001	0,007	0,029	FALSE
-0,028	0,305	0,000	0,007	0,009	FALSE
-0,086	0,308	-0,003	0,008	0,136	FALSE
-0,108	0,308	-0,004	0,010	0,169	FALSE
-0,020	0,309	0,000	0,007	0,020	FALSE
0,002	0,304	0,000	0,012	0,009	FALSE
-0,098	0,293	-0,002	0,007	0,117	FALSE
0,025	0,294	0,000	0,011	0,005	FALSE
-0,045	0,287	-0,001	0,006	0,049	FALSE
-0,065	0,314	-0,003	0,012	0,085	FALSE
-0,073	0,312	-0,003	0,012	0,090	FALSE
0,024	0,324	0,001	0,010	0,024	FALSE
-0,006	0,309	0,000	0,009	0,007	FALSE
0,016	0,312	0,000	0,008	0,021	FALSE
0,083	0,306	0,002	0,010	0,082	FALSE
0,109	0,312	0,004	0,009	0,162	FALSE
0,116	0,310	0,003	0,006	0,164	FALSE
-0,121	0,298	-0,004	0,012	0,143	FALSE
-0,095	0,301	-0,002	0,008	0,114	FALSE
-0,053	0,314	-0,002	0,011	0,083	FALSE
-0,131	0,316	-0,004	0,009	0,185	FALSE
-0,102	0,298	-0,003	0,009	0,156	FALSE
0,074	0,311	0,002	0,011	0,072	FALSE
-0,016	0,312	0,000	0,011	0,007	FALSE
0,002	0,298	0,000	0,010	0,007	FALSE
0,030	0,317	0,001	0,013	0,016	FALSE
0,036	0,315	0,002	0,013	0,072	FALSE
-0,072	0,302	-0,003	0,009	0,107	FALSE
0,031	0,287	0,002	0,007	0,096	FALSE
0,144	0,299	0,005	0,009	0,213	FALSE
0,139	0,300	0,005	0,011	0,184	FALSE
-0,040	0,306	-0,001	0,012	0,035	FALSE
-0,102	0,285	-0,003	0,008	0,150	FALSE
0,025	0,286	0,001	0,009	0,040	FALSE
0,123	0,306	0,005	0,010	0,231	FALSE
0,124	0,303	0,003	0,007	0,179	FALSE
-0,086	0,320	-0,003	0,010	0,113	FALSE
-0,085	0,312	-0,003	0,010	0,100	FALSE
0,123	0,282	0,004	0,008	0,195	FALSE
-0,210	0,300	-0,007	0,009	0,320	FALSE
0,240	0,286	0,008	0,009	0,431	FALSE
-0,063	0,306	-0,001	0,006	0,075	FALSE
-0,162	0,299	-0,006	0,010	0,241	FALSE
-0,022	0,313	-0,001	0,010	0,041	FALSE
0,088	0,306	0,003	0,008	0,142	FALSE
-0,040	0,311	-0,001	0,012	0,020	FALSE
0,030	0,308	0,000	0,013	0,007	FALSE
-0,021	0,313	-0,001	0,008	0,024	FALSE
-0,045	0,305	-0,001	0,007	0,039	FALSE
0,016	0,295	0,000	0,012	0,007	FALSE
0,111	0,304	0,002	0,006	0,147	FALSE

0,078	0,290	0,003	0,011	0,105	FALSE
-0,060	0,305	-0,002	0,008	0,099	FALSE
-0,098	0,320	-0,003	0,009	0,116	FALSE
0,060	0,293	0,004	0,012	0,116	FALSE
0,049	0,311	0,002	0,011	0,053	FALSE
0,090	0,305	0,004	0,011	0,137	FALSE
-0,047	0,308	-0,001	0,010	0,051	FALSE
0,054	0,298	0,002	0,012	0,078	FALSE
0,012	0,316	0,000	0,012	0,007	FALSE
-0,101	0,300	-0,002	0,006	0,130	FALSE
0,052	0,315	0,002	0,009	0,093	FALSE
0,059	0,306	0,002	0,009	0,061	FALSE
0,069	0,295	0,002	0,008	0,072	FALSE
0,102	0,296	0,002	0,007	0,135	FALSE
0,002	0,299	0,000	0,006	0,011	FALSE
-0,068	0,311	-0,003	0,011	0,113	FALSE
0,013	0,320	0,001	0,007	0,027	FALSE
0,011	0,313	0,000	0,008	0,011	FALSE
0,016	0,301	0,001	0,008	0,031	FALSE
0,182	0,296	0,004	0,007	0,266	FALSE
0,016	0,315	0,000	0,010	0,010	FALSE
0,104	0,304	0,004	0,011	0,123	FALSE
-0,032	0,306	0,000	0,008	0,018	FALSE
0,078	0,294	0,003	0,011	0,102	FALSE
0,051	0,304	0,001	0,006	0,061	FALSE
-0,094	0,296	-0,004	0,010	0,137	FALSE
0,032	0,306	0,001	0,007	0,068	FALSE
0,111	0,315	0,003	0,007	0,157	FALSE
-0,110	0,292	-0,005	0,012	0,184	FALSE
0,086	0,298	0,003	0,012	0,107	FALSE
0,058	0,313	0,002	0,011	0,056	FALSE
-0,120	0,320	-0,003	0,009	0,164	FALSE
-0,122	0,310	-0,003	0,008	0,164	FALSE
-0,064	0,307	-0,001	0,006	0,065	FALSE
0,075	0,295	0,002	0,007	0,104	FALSE
0,142	0,299	0,003	0,007	0,182	FALSE
0,136	0,310	0,004	0,009	0,200	FALSE
-0,007	0,312	-0,001	0,010	0,021	FALSE
0,063	0,305	0,002	0,011	0,065	FALSE
0,126	0,304	0,003	0,008	0,164	FALSE
0,129	0,307	0,006	0,011	0,202	FALSE
-0,014	0,298	0,000	0,008	0,007	FALSE
0,118	0,313	0,004	0,011	0,138	FALSE
-0,031	0,311	-0,003	0,012	0,085	FALSE
0,063	0,296	0,002	0,009	0,102	FALSE
-0,147	0,308	-0,005	0,009	0,198	FALSE
-0,037	0,303	-0,001	0,009	0,062	FALSE
0,087	0,302	0,004	0,011	0,135	FALSE
-0,017	0,320	-0,001	0,012	0,038	FALSE
0,140	0,297	0,003	0,006	0,172	FALSE
0,059	0,322	0,001	0,007	0,042	FALSE
0,033	0,305	0,002	0,012	0,053	FALSE
-0,082	0,315	-0,004	0,012	0,132	FALSE

0,022	0,296	0,001	0,012	0,024	FALSE
0,120	0,295	0,004	0,010	0,170	FALSE
0,038	0,312	0,001	0,007	0,058	FALSE
-0,163	0,308	-0,007	0,012	0,244	FALSE
0,014	0,317	0,001	0,010	0,025	FALSE
0,184	0,302	0,007	0,010	0,312	FALSE
0,161	0,308	0,005	0,009	0,238	FALSE
0,133	0,309	0,003	0,008	0,153	FALSE
-0,048	0,320	-0,001	0,006	0,039	FALSE
-0,133	0,291	-0,003	0,008	0,186	FALSE
-0,127	0,311	-0,003	0,008	0,170	FALSE
-0,101	0,305	-0,004	0,012	0,139	FALSE
-0,001	0,293	0,000	0,007	0,017	FALSE
-0,012	0,307	0,000	0,010	0,004	FALSE
-0,067	0,307	-0,003	0,013	0,082	FALSE
-0,003	0,309	0,000	0,010	0,010	FALSE
0,003	0,285	0,000	0,007	0,025	FALSE
0,014	0,299	0,001	0,009	0,047	FALSE
0,078	0,307	0,002	0,009	0,080	FALSE
0,043	0,305	0,001	0,009	0,034	FALSE
-0,009	0,296	0,000	0,008	0,012	FALSE
0,115	0,311	0,003	0,010	0,115	FALSE
-0,097	0,291	-0,002	0,008	0,078	FALSE
0,120	0,301	0,004	0,010	0,151	FALSE
-0,033	0,320	-0,002	0,009	0,069	FALSE
-0,027	0,301	0,000	0,006	0,001	FALSE
0,049	0,325	0,002	0,010	0,069	FALSE
0,083	0,301	0,003	0,011	0,103	FALSE
0,021	0,316	0,001	0,013	0,027	FALSE
0,001	0,306	0,000	0,013	0,011	FALSE
0,018	0,305	0,000	0,008	0,021	FALSE
-0,098	0,298	-0,002	0,009	0,089	FALSE
-0,100	0,300	-0,004	0,010	0,138	FALSE
0,089	0,281	0,003	0,008	0,133	FALSE
0,072	0,286	0,002	0,008	0,110	FALSE
-0,065	0,305	-0,002	0,009	0,090	FALSE
-0,117	0,305	-0,004	0,008	0,177	FALSE
0,047	0,307	0,002	0,013	0,059	FALSE
0,040	0,301	0,002	0,009	0,074	FALSE
0,047	0,312	0,002	0,009	0,067	FALSE
0,031	0,320	0,001	0,007	0,033	FALSE
-0,017	0,298	0,000	0,008	0,020	FALSE
-0,005	0,305	0,000	0,008	0,013	FALSE
-0,054	0,299	-0,001	0,007	0,048	FALSE
-0,082	0,312	-0,002	0,007	0,089	FALSE
0,057	0,308	0,002	0,007	0,096	FALSE
-0,069	0,312	-0,003	0,012	0,091	FALSE
-0,020	0,299	-0,001	0,012	0,034	FALSE
0,088	0,312	0,002	0,007	0,111	FALSE
0,022	0,305	0,001	0,009	0,052	FALSE
0,088	0,301	0,004	0,009	0,171	FALSE
-0,133	0,311	-0,006	0,012	0,191	FALSE
-0,073	0,316	-0,002	0,011	0,081	FALSE

-0,048	0,299	-0,002	0,006	0,106	FALSE
-0,027	0,298	0,000	0,007	0,020	FALSE
0,010	0,305	0,000	0,012	0,003	FALSE
-0,064	0,318	-0,001	0,008	0,058	FALSE
-0,045	0,304	-0,002	0,011	0,065	FALSE
0,126	0,306	0,004	0,008	0,221	FALSE
0,038	0,294	0,001	0,012	0,038	FALSE
0,000	0,305	0,000	0,007	0,006	FALSE
-0,168	0,318	-0,004	0,007	0,250	FALSE
-0,196	0,304	-0,006	0,009	0,277	FALSE
-0,126	0,303	-0,003	0,007	0,199	FALSE
0,113	0,302	0,004	0,009	0,164	FALSE
0,063	0,321	0,003	0,013	0,103	FALSE
0,043	0,304	0,001	0,006	0,064	FALSE
0,244	0,284	0,010	0,012	0,413	FALSE
-0,144	0,315	-0,003	0,007	0,194	FALSE
-0,170	0,313	-0,006	0,011	0,233	FALSE
0,122	0,312	0,002	0,007	0,149	FALSE
0,117	0,298	0,003	0,006	0,166	FALSE
0,083	0,303	0,003	0,009	0,123	FALSE
0,123	0,305	0,005	0,012	0,160	FALSE
0,075	0,305	0,004	0,012	0,140	FALSE
-0,058	0,307	-0,002	0,012	0,058	FALSE
-0,002	0,307	0,000	0,012	0,006	FALSE
0,069	0,303	0,003	0,008	0,130	FALSE
-0,132	0,309	-0,006	0,012	0,196	FALSE
0,049	0,294	0,000	0,006	0,019	FALSE
-0,173	0,302	-0,004	0,007	0,238	FALSE
-0,026	0,293	-0,002	0,012	0,051	FALSE
0,037	0,295	0,002	0,012	0,047	FALSE
0,132	0,295	0,006	0,010	0,265	FALSE
0,137	0,300	0,004	0,008	0,212	FALSE
-0,011	0,319	-0,001	0,008	0,029	FALSE
0,090	0,300	0,003	0,009	0,155	FALSE
0,057	0,309	0,002	0,010	0,080	FALSE
-0,098	0,302	-0,005	0,012	0,152	FALSE
0,018	0,297	0,000	0,006	0,021	FALSE
0,079	0,304	0,004	0,012	0,118	FALSE
0,012	0,319	0,000	0,009	0,017	FALSE
0,069	0,306	0,002	0,011	0,069	FALSE
-0,082	0,300	-0,003	0,011	0,127	FALSE
0,090	0,311	0,004	0,012	0,126	FALSE
0,074	0,310	0,002	0,007	0,104	FALSE
0,116	0,303	0,003	0,007	0,150	FALSE
0,000	0,307	0,000	0,007	0,017	FALSE
0,031	0,312	0,001	0,007	0,036	FALSE
0,044	0,297	0,001	0,006	0,072	FALSE
0,001	0,302	0,000	0,007	0,019	FALSE
0,117	0,289	0,003	0,007	0,195	FALSE
0,005	0,317	0,001	0,012	0,031	FALSE
-0,018	0,308	0,000	0,006	0,025	FALSE
0,070	0,321	0,002	0,013	0,052	FALSE
0,109	0,310	0,005	0,012	0,169	FALSE

0,128	0,317	0,006	0,012	0,196	FALSE
-0,042	0,315	-0,001	0,009	0,058	FALSE
0,024	0,312	0,000	0,010	0,014	FALSE
-0,039	0,315	-0,001	0,008	0,067	FALSE
0,037	0,320	0,001	0,011	0,039	FALSE
-0,196	0,301	-0,005	0,007	0,308	FALSE
-0,081	0,305	-0,003	0,012	0,105	FALSE
0,031	0,307	0,001	0,011	0,033	FALSE
-0,119	0,315	-0,003	0,009	0,157	FALSE
0,088	0,299	0,003	0,010	0,119	FALSE
0,028	0,312	0,001	0,007	0,040	FALSE
0,043	0,314	0,001	0,008	0,067	FALSE
0,099	0,317	0,003	0,011	0,111	FALSE
-0,034	0,304	-0,001	0,007	0,038	FALSE
0,054	0,303	0,002	0,013	0,063	FALSE
-0,003	0,318	0,001	0,010	0,026	FALSE
0,015	0,316	0,002	0,012	0,053	FALSE
-0,080	0,297	-0,004	0,012	0,139	FALSE
0,030	0,305	0,002	0,010	0,064	FALSE
-0,106	0,303	-0,003	0,008	0,167	FALSE
-0,077	0,306	-0,001	0,007	0,072	FALSE
-0,021	0,320	0,000	0,006	0,023	FALSE
-0,043	0,314	-0,001	0,006	0,068	FALSE
-0,179	0,289	-0,007	0,011	0,288	FALSE
-0,167	0,304	-0,007	0,012	0,262	FALSE
-0,020	0,311	-0,001	0,010	0,051	FALSE
0,006	0,310	0,000	0,008	0,002	FALSE
0,055	0,314	0,002	0,007	0,089	FALSE
-0,034	0,311	-0,002	0,011	0,080	FALSE
-0,162	0,309	-0,008	0,013	0,257	FALSE
0,093	0,290	0,004	0,008	0,174	FALSE
0,003	0,313	0,000	0,011	0,001	FALSE
-0,227	0,296	-0,007	0,009	0,355	FALSE
-0,060	0,302	-0,001	0,007	0,057	FALSE
-0,050	0,316	-0,002	0,012	0,050	FALSE
-0,028	0,307	-0,001	0,012	0,016	FALSE
-0,174	0,291	-0,005	0,008	0,281	FALSE
0,189	0,299	0,006	0,012	0,223	FALSE
-0,035	0,297	0,000	0,012	0,015	FALSE
-0,099	0,293	-0,002	0,007	0,111	FALSE
-0,002	0,319	0,000	0,006	0,020	FALSE
-0,009	0,318	0,000	0,011	0,013	FALSE
-0,009	0,309	-0,001	0,013	0,017	FALSE
0,091	0,295	0,002	0,007	0,119	FALSE
-0,054	0,307	-0,002	0,011	0,090	FALSE
-0,043	0,295	-0,001	0,006	0,059	FALSE
0,040	0,316	0,001	0,011	0,048	FALSE
-0,011	0,299	0,000	0,010	0,006	FALSE
0,195	0,294	0,006	0,009	0,319	FALSE
-0,016	0,317	-0,001	0,007	0,048	FALSE
-0,016	0,305	0,000	0,012	0,001	FALSE
0,093	0,312	0,002	0,010	0,087	FALSE
0,041	0,305	0,000	0,008	0,022	FALSE

-0,027	0,313	-0,001	0,012	0,034	FALSE
0,100	0,309	0,002	0,008	0,117	FALSE
0,059	0,284	0,002	0,010	0,088	FALSE
0,000	0,312	0,001	0,012	0,033	FALSE
0,032	0,299	0,002	0,010	0,071	FALSE
0,124	0,304	0,004	0,007	0,232	FALSE
0,020	0,301	0,000	0,007	0,015	FALSE
0,145	0,315	0,002	0,007	0,142	FALSE
-0,025	0,321	-0,001	0,009	0,043	FALSE
-0,093	0,307	-0,003	0,008	0,133	FALSE
0,063	0,305	0,002	0,010	0,079	FALSE
-0,050	0,295	-0,002	0,011	0,072	FALSE
0,107	0,298	0,004	0,010	0,163	FALSE
0,068	0,292	0,002	0,010	0,086	FALSE
-0,112	0,309	-0,002	0,008	0,116	FALSE
0,029	0,299	0,000	0,007	0,014	FALSE
0,006	0,290	0,001	0,007	0,041	FALSE
0,040	0,302	0,001	0,012	0,029	FALSE
0,073	0,295	0,003	0,012	0,088	FALSE
0,009	0,295	0,001	0,011	0,032	FALSE
-0,076	0,312	-0,002	0,008	0,100	FALSE
-0,091	0,304	-0,003	0,010	0,102	FALSE
-0,076	0,315	-0,003	0,011	0,115	FALSE
-0,036	0,308	-0,001	0,010	0,048	FALSE
-0,001	0,306	0,000	0,007	0,004	FALSE
-0,063	0,310	-0,003	0,013	0,089	FALSE
0,110	0,308	0,004	0,012	0,134	FALSE
0,047	0,313	0,001	0,006	0,078	FALSE
-0,017	0,312	-0,001	0,007	0,047	FALSE
-0,132	0,298	-0,005	0,012	0,184	FALSE
0,058	0,307	0,002	0,006	0,111	FALSE
-0,047	0,303	-0,003	0,013	0,101	FALSE
-0,018	0,303	-0,002	0,013	0,059	FALSE
-0,045	0,306	-0,003	0,013	0,095	FALSE
0,062	0,293	0,001	0,006	0,095	FALSE
-0,052	0,308	-0,002	0,013	0,045	FALSE
0,129	0,315	0,004	0,009	0,178	FALSE
0,035	0,306	0,001	0,006	0,050	FALSE
-0,078	0,300	-0,003	0,012	0,105	FALSE
0,062	0,288	0,001	0,006	0,072	FALSE
0,072	0,304	0,001	0,007	0,075	FALSE
0,035	0,306	0,001	0,010	0,046	FALSE
0,001	0,303	0,000	0,008	0,010	FALSE
0,082	0,301	0,001	0,007	0,076	FALSE
-0,015	0,305	0,000	0,009	0,010	FALSE
0,114	0,292	0,003	0,008	0,146	FALSE
0,056	0,311	0,003	0,011	0,106	FALSE
0,017	0,301	0,001	0,006	0,044	FALSE
0,018	0,307	0,000	0,009	0,010	FALSE
-0,128	0,301	-0,004	0,009	0,163	FALSE
-0,027	0,290	-0,001	0,009	0,035	FALSE
-0,137	0,298	-0,005	0,010	0,226	FALSE
-0,055	0,302	-0,001	0,008	0,070	FALSE

-0,051	0,294	-0,001	0,007	0,053	FALSE
0,080	0,313	0,002	0,007	0,124	FALSE
-0,007	0,315	0,000	0,012	0,011	FALSE
0,004	0,305	0,000	0,012	0,008	FALSE
-0,088	0,303	-0,002	0,007	0,085	FALSE
-0,052	0,306	-0,002	0,010	0,058	FALSE
-0,001	0,323	0,000	0,013	0,007	FALSE
-0,018	0,303	0,000	0,008	0,011	FALSE
0,008	0,300	0,000	0,010	0,016	FALSE
-0,026	0,316	0,000	0,011	0,002	FALSE
0,013	0,300	0,001	0,009	0,024	FALSE
0,003	0,305	0,000	0,010	0,012	FALSE
-0,013	0,318	0,000	0,012	0,006	FALSE
-0,001	0,306	-0,001	0,010	0,024	FALSE
-0,019	0,309	0,000	0,008	0,011	FALSE
0,035	0,292	0,001	0,007	0,057	FALSE
-0,121	0,298	-0,005	0,011	0,185	FALSE
0,197	0,295	0,004	0,006	0,269	FALSE
-0,032	0,310	0,000	0,013	0,014	FALSE
0,148	0,288	0,004	0,006	0,246	FALSE
0,009	0,317	0,000	0,008	0,009	FALSE
-0,163	0,301	-0,006	0,012	0,198	FALSE
-0,115	0,296	-0,002	0,007	0,126	FALSE
-0,004	0,314	0,000	0,010	0,009	FALSE
0,015	0,308	0,000	0,008	0,009	FALSE
-0,001	0,316	0,000	0,009	0,001	FALSE
0,000	0,313	0,000	0,012	0,009	FALSE
0,070	0,301	0,001	0,006	0,055	FALSE
-0,043	0,291	-0,001	0,012	0,026	FALSE
0,054	0,305	0,002	0,009	0,071	FALSE
0,022	0,328	0,001	0,007	0,046	FALSE
0,043	0,301	0,001	0,011	0,048	FALSE
0,122	0,309	0,004	0,007	0,203	FALSE
0,004	0,313	0,000	0,007	0,018	FALSE
-0,029	0,294	-0,001	0,009	0,038	FALSE
0,126	0,317	0,003	0,009	0,139	FALSE
0,023	0,314	0,000	0,006	0,005	FALSE
0,030	0,298	0,001	0,008	0,070	FALSE
-0,192	0,259	-0,006	0,010	0,261	FALSE
0,111	0,309	0,003	0,010	0,108	FALSE
-0,036	0,320	0,000	0,007	0,018	FALSE
0,013	0,316	0,000	0,009	0,000	FALSE
0,093	0,313	0,003	0,012	0,094	FALSE
-0,013	0,297	0,000	0,012	0,011	FALSE
-0,091	0,299	-0,003	0,009	0,127	FALSE
-0,032	0,301	0,000	0,007	0,011	FALSE
0,042	0,295	0,001	0,007	0,074	FALSE
0,044	0,313	0,001	0,008	0,061	FALSE
0,009	0,305	0,001	0,008	0,035	FALSE
0,080	0,317	0,002	0,007	0,090	FALSE
-0,068	0,312	-0,002	0,008	0,072	FALSE
-0,061	0,307	-0,002	0,009	0,070	FALSE
0,083	0,302	0,003	0,009	0,108	FALSE

0,020	0,307	0,001	0,011	0,026	FALSE
-0,089	0,313	-0,002	0,008	0,121	FALSE
0,057	0,309	0,003	0,012	0,096	FALSE
-0,061	0,317	-0,002	0,010	0,084	FALSE
0,009	0,310	0,001	0,008	0,027	FALSE
-0,120	0,298	-0,004	0,010	0,173	FALSE
-0,038	0,305	-0,001	0,007	0,037	FALSE
0,045	0,302	0,002	0,009	0,067	FALSE
-0,005	0,301	-0,001	0,009	0,024	FALSE
-0,003	0,326	0,000	0,008	0,013	FALSE
0,006	0,305	0,000	0,011	0,007	FALSE
-0,022	0,295	-0,001	0,010	0,024	FALSE
0,014	0,303	0,002	0,012	0,049	FALSE
-0,006	0,315	-0,001	0,009	0,028	FALSE
-0,006	0,309	-0,001	0,007	0,041	FALSE
-0,016	0,312	-0,002	0,012	0,049	FALSE
-0,015	0,308	-0,001	0,011	0,020	FALSE
0,088	0,307	0,003	0,008	0,142	FALSE
0,026	0,306	0,001	0,007	0,028	FALSE
-0,052	0,327	-0,001	0,011	0,046	FALSE
-0,015	0,299	-0,002	0,012	0,046	FALSE
0,025	0,304	0,000	0,013	0,009	FALSE
0,001	0,317	-0,001	0,013	0,029	FALSE
0,069	0,311	0,001	0,010	0,046	FALSE
0,059	0,294	0,001	0,007	0,069	FALSE
-0,015	0,306	-0,001	0,012	0,019	FALSE
0,024	0,315	0,000	0,007	0,013	FALSE
0,068	0,310	0,001	0,006	0,048	FALSE
0,053	0,307	0,000	0,013	0,001	FALSE
-0,067	0,302	-0,002	0,007	0,102	FALSE
-0,096	0,306	-0,003	0,007	0,144	FALSE
-0,099	0,313	-0,001	0,007	0,071	FALSE
0,030	0,315	0,002	0,012	0,044	FALSE
0,072	0,316	0,002	0,008	0,099	FALSE
-0,151	0,289	-0,005	0,009	0,215	FALSE
-0,021	0,305	-0,001	0,010	0,051	FALSE
0,171	0,301	0,005	0,009	0,235	FALSE
0,030	0,305	0,002	0,009	0,068	FALSE
0,033	0,303	0,002	0,009	0,064	FALSE
-0,141	0,311	-0,006	0,011	0,216	FALSE
-0,088	0,305	-0,002	0,007	0,110	FALSE
0,047	0,301	0,002	0,012	0,062	FALSE
-0,058	0,307	-0,003	0,012	0,085	FALSE
-0,061	0,297	-0,001	0,009	0,063	FALSE
-0,045	0,302	-0,001	0,011	0,045	FALSE
-0,065	0,321	-0,003	0,012	0,100	FALSE
0,041	0,293	0,002	0,012	0,066	FALSE
-0,020	0,294	0,000	0,013	0,005	FALSE
-0,056	0,298	-0,002	0,012	0,056	FALSE
0,004	0,303	-0,001	0,011	0,018	FALSE
0,102	0,309	0,004	0,012	0,132	FALSE
-0,106	0,288	-0,002	0,007	0,128	FALSE
0,004	0,308	0,000	0,010	0,009	FALSE

0,012	0,302	0,000	0,009	0,003	FALSE
-0,034	0,317	-0,001	0,007	0,050	FALSE
0,049	0,305	0,001	0,008	0,055	FALSE
-0,061	0,311	-0,002	0,011	0,072	FALSE
0,054	0,313	0,002	0,007	0,086	FALSE
0,045	0,315	0,000	0,007	0,016	FALSE
0,118	0,297	0,003	0,010	0,108	FALSE
-0,023	0,316	-0,001	0,012	0,022	FALSE
0,020	0,325	0,001	0,008	0,034	FALSE
-0,032	0,330	-0,002	0,013	0,054	FALSE
-0,016	0,303	-0,001	0,007	0,046	FALSE
-0,097	0,309	-0,003	0,008	0,149	FALSE
0,093	0,309	0,005	0,012	0,155	FALSE
0,063	0,323	0,002	0,007	0,081	FALSE
0,005	0,313	0,000	0,006	0,001	FALSE
-0,025	0,307	0,000	0,006	0,022	FALSE
-0,090	0,312	-0,003	0,012	0,093	FALSE
-0,035	0,308	-0,001	0,012	0,017	FALSE
-0,123	0,298	-0,004	0,010	0,176	FALSE
-0,053	0,316	-0,001	0,012	0,039	FALSE
-0,068	0,318	-0,002	0,010	0,063	FALSE
0,078	0,321	0,002	0,011	0,083	FALSE
0,215	0,284	0,006	0,008	0,374	FALSE
-0,017	0,320	-0,001	0,009	0,019	FALSE
0,033	0,301	0,001	0,011	0,048	FALSE
0,069	0,301	0,002	0,010	0,079	FALSE
0,111	0,314	0,004	0,010	0,148	FALSE
-0,032	0,299	-0,001	0,011	0,039	FALSE
-0,023	0,304	0,000	0,007	0,022	FALSE
0,130	0,289	0,006	0,011	0,248	FALSE
-0,007	0,302	0,000	0,007	0,006	FALSE
-0,044	0,304	-0,001	0,008	0,029	FALSE
0,007	0,306	0,000	0,007	0,005	FALSE
-0,008	0,301	-0,001	0,009	0,021	FALSE
0,014	0,304	0,000	0,009	0,015	FALSE
-0,019	0,306	-0,001	0,007	0,027	FALSE
0,087	0,305	0,002	0,009	0,109	FALSE
0,024	0,323	0,001	0,009	0,027	FALSE
0,029	0,306	0,001	0,008	0,034	FALSE
0,014	0,315	0,000	0,009	0,004	FALSE
-0,057	0,313	-0,001	0,007	0,049	FALSE
0,081	0,300	0,003	0,012	0,090	FALSE
0,083	0,299	0,003	0,011	0,091	FALSE
0,061	0,297	0,002	0,008	0,087	FALSE
0,067	0,310	0,003	0,012	0,090	FALSE
-0,119	0,300	-0,003	0,009	0,156	FALSE
0,183	0,298	0,008	0,012	0,264	FALSE
0,104	0,291	0,004	0,009	0,156	FALSE
-0,018	0,294	-0,001	0,011	0,036	FALSE
0,013	0,296	0,000	0,009	0,015	FALSE
-0,126	0,300	-0,005	0,011	0,201	FALSE
-0,173	0,281	-0,008	0,012	0,309	FALSE
-0,114	0,307	-0,004	0,011	0,142	FALSE

0,018	0,302	0,001	0,009	0,046	FALSE
0,010	0,321	0,000	0,010	0,006	FALSE
-0,110	0,301	-0,004	0,010	0,148	FALSE
0,061	0,302	0,002	0,008	0,097	FALSE
-0,049	0,299	-0,001	0,009	0,039	FALSE
0,049	0,302	0,003	0,013	0,077	FALSE
0,018	0,293	0,001	0,009	0,022	FALSE
0,069	0,293	0,002	0,010	0,077	FALSE
0,015	0,301	0,001	0,010	0,032	FALSE
0,067	0,311	0,001	0,007	0,080	FALSE
-0,100	0,302	-0,004	0,012	0,137	FALSE
-0,018	0,309	-0,001	0,008	0,035	FALSE
0,043	0,305	0,002	0,010	0,073	FALSE
0,007	0,307	-0,001	0,012	0,019	FALSE
-0,119	0,308	-0,005	0,013	0,176	FALSE
-0,118	0,305	-0,005	0,012	0,171	FALSE
-0,048	0,314	-0,002	0,012	0,050	FALSE
-0,039	0,314	-0,001	0,007	0,056	FALSE
-0,060	0,308	-0,002	0,010	0,073	FALSE
0,095	0,292	0,003	0,012	0,108	FALSE
0,039	0,319	0,001	0,010	0,027	FALSE
0,016	0,304	0,001	0,012	0,019	FALSE
-0,021	0,300	0,000	0,010	0,006	FALSE
-0,013	0,318	0,000	0,007	0,009	FALSE
0,218	0,280	0,008	0,011	0,357	FALSE
-0,082	0,298	-0,002	0,008	0,090	FALSE
-0,143	0,323	-0,003	0,008	0,186	FALSE
-0,186	0,297	-0,004	0,007	0,276	FALSE
-0,187	0,288	-0,007	0,012	0,275	FALSE
-0,033	0,293	0,000	0,012	0,013	FALSE
-0,085	0,302	-0,002	0,007	0,140	FALSE
-0,030	0,309	-0,001	0,008	0,060	FALSE
0,017	0,290	0,001	0,012	0,026	FALSE
0,021	0,309	0,000	0,012	0,009	FALSE
0,006	0,307	0,000	0,011	0,008	FALSE
-0,108	0,296	-0,004	0,011	0,159	FALSE
-0,025	0,299	-0,001	0,008	0,029	FALSE
0,090	0,311	0,002	0,007	0,095	FALSE
0,002	0,300	0,000	0,009	0,012	FALSE
0,034	0,308	0,000	0,008	0,017	FALSE
0,048	0,298	0,002	0,008	0,105	FALSE
-0,108	0,301	-0,004	0,009	0,170	FALSE
0,023	0,303	0,001	0,008	0,062	FALSE
-0,012	0,303	0,000	0,006	0,002	FALSE
0,034	0,299	0,000	0,007	0,001	FALSE
0,026	0,304	0,000	0,007	0,007	FALSE
-0,082	0,304	-0,002	0,008	0,083	FALSE
0,125	0,300	0,005	0,012	0,187	FALSE
0,005	0,316	0,000	0,008	0,003	FALSE
-0,118	0,303	-0,003	0,008	0,152	FALSE
-0,073	0,305	-0,003	0,012	0,107	FALSE
0,066	0,313	0,002	0,007	0,104	FALSE
-0,072	0,301	-0,002	0,011	0,084	FALSE

-0,069	0,308	-0,001	0,007	0,074	FALSE
-0,004	0,320	0,000	0,008	0,003	FALSE
0,048	0,308	0,001	0,010	0,047	FALSE
-0,037	0,305	-0,001	0,010	0,033	FALSE
0,026	0,308	0,001	0,011	0,040	FALSE
-0,068	0,312	-0,004	0,012	0,128	FALSE
0,019	0,315	0,000	0,013	0,001	FALSE
-0,067	0,315	-0,002	0,011	0,062	FALSE
-0,047	0,299	-0,001	0,007	0,066	FALSE
-0,133	0,306	-0,005	0,012	0,197	FALSE
0,044	0,318	0,002	0,009	0,069	FALSE
-0,103	0,295	-0,003	0,008	0,180	FALSE
-0,156	0,281	-0,006	0,011	0,248	FALSE
-0,121	0,317	-0,003	0,007	0,159	FALSE
-0,053	0,306	-0,002	0,010	0,085	FALSE
0,077	0,309	0,002	0,008	0,103	FALSE
0,019	0,309	0,000	0,012	0,004	FALSE
0,010	0,323	0,000	0,008	0,013	FALSE
-0,050	0,312	-0,002	0,008	0,085	FALSE
0,051	0,317	0,002	0,012	0,068	FALSE
-0,022	0,309	0,000	0,011	0,005	FALSE
-0,007	0,306	0,000	0,008	0,019	FALSE
-0,031	0,305	-0,001	0,007	0,032	FALSE
0,082	0,315	0,002	0,007	0,080	FALSE
0,148	0,298	0,003	0,007	0,186	FALSE
-0,228	0,294	-0,010	0,012	0,373	FALSE
-0,049	0,308	-0,002	0,008	0,073	FALSE
-0,090	0,309	-0,004	0,011	0,136	FALSE
0,018	0,312	0,000	0,012	0,002	FALSE
0,036	0,302	0,001	0,007	0,059	FALSE
-0,197	0,298	-0,005	0,008	0,275	FALSE
-0,004	0,311	0,000	0,010	0,006	FALSE
-0,055	0,297	-0,002	0,012	0,069	FALSE
-0,065	0,303	-0,002	0,010	0,075	FALSE
-0,109	0,310	-0,003	0,008	0,127	FALSE
-0,137	0,298	-0,004	0,008	0,204	FALSE
-0,013	0,306	0,000	0,007	0,008	FALSE
-0,079	0,305	-0,004	0,012	0,116	FALSE
-0,087	0,298	-0,003	0,008	0,120	FALSE
-0,080	0,297	-0,002	0,012	0,076	FALSE
-0,021	0,306	-0,001	0,010	0,023	FALSE
0,163	0,301	0,005	0,009	0,243	FALSE
0,161	0,305	0,007	0,013	0,220	FALSE
-0,155	0,309	-0,006	0,013	0,206	FALSE
0,073	0,304	0,002	0,009	0,096	FALSE
0,033	0,310	0,000	0,011	0,012	FALSE
-0,061	0,314	-0,003	0,010	0,100	FALSE
0,019	0,306	0,000	0,012	0,003	FALSE
-0,042	0,296	-0,001	0,012	0,043	FALSE
0,092	0,309	0,003	0,013	0,090	FALSE
0,037	0,308	0,001	0,007	0,039	FALSE
0,040	0,305	0,001	0,007	0,038	FALSE
0,083	0,314	0,002	0,008	0,102	FALSE

-0,001	0,310	-0,001	0,011	0,017	FALSE
0,037	0,314	0,001	0,009	0,053	FALSE
0,173	0,306	0,004	0,007	0,227	FALSE
-0,111	0,310	-0,002	0,006	0,151	FALSE
0,025	0,307	0,001	0,007	0,033	FALSE
-0,048	0,300	-0,001	0,008	0,035	FALSE
-0,189	0,308	-0,005	0,009	0,269	FALSE
0,197	0,296	0,006	0,009	0,295	FALSE
0,068	0,300	0,001	0,007	0,025	FALSE
0,051	0,308	0,002	0,011	0,073	FALSE
0,017	0,322	0,000	0,007	0,003	FALSE
0,062	0,299	0,001	0,008	0,057	FALSE
-0,074	0,315	-0,003	0,008	0,124	FALSE
-0,060	0,297	-0,001	0,008	0,060	FALSE
-0,046	0,304	-0,002	0,009	0,078	FALSE
0,013	0,308	0,000	0,006	0,019	FALSE
-0,056	0,313	-0,001	0,007	0,081	FALSE
0,107	0,303	0,002	0,008	0,118	FALSE
-0,156	0,301	-0,004	0,007	0,212	FALSE
-0,182	0,308	-0,006	0,010	0,269	FALSE
0,107	0,311	0,003	0,008	0,123	FALSE
-0,110	0,313	-0,003	0,011	0,121	FALSE
0,144	0,302	0,005	0,009	0,228	FALSE
-0,043	0,287	-0,002	0,008	0,089	FALSE
0,101	0,300	0,004	0,012	0,155	FALSE
-0,091	0,308	-0,002	0,007	0,119	FALSE
0,030	0,299	0,001	0,008	0,055	FALSE
-0,125	0,306	-0,004	0,009	0,157	FALSE
0,199	0,302	0,007	0,010	0,279	FALSE
-0,121	0,309	-0,004	0,010	0,160	FALSE
-0,016	0,297	-0,001	0,011	0,047	FALSE
-0,213	0,293	-0,008	0,011	0,356	FALSE
-0,118	0,298	-0,004	0,012	0,141	FALSE
-0,041	0,312	-0,001	0,012	0,036	FALSE
-0,022	0,288	0,000	0,007	0,002	FALSE
-0,005	0,319	0,000	0,012	0,008	FALSE
-0,027	0,295	-0,001	0,010	0,035	FALSE
0,069	0,318	0,002	0,009	0,075	FALSE
0,110	0,309	0,003	0,008	0,131	FALSE
0,075	0,306	0,002	0,008	0,102	FALSE
-0,070	0,300	-0,002	0,007	0,083	FALSE
-0,105	0,295	-0,003	0,012	0,090	FALSE
-0,028	0,312	-0,002	0,009	0,074	FALSE
0,060	0,306	0,001	0,007	0,067	FALSE
0,079	0,311	0,002	0,008	0,124	TRUE
-0,074	0,302	-0,003	0,013	0,079	FALSE
-0,012	0,305	-0,001	0,009	0,026	FALSE
-0,003	0,307	0,000	0,012	0,004	FALSE
-0,004	0,309	0,000	0,012	0,002	FALSE
0,015	0,303	0,001	0,011	0,025	FALSE
0,139	0,299	0,003	0,006	0,211	FALSE
-0,042	0,304	0,000	0,008	0,022	FALSE
0,060	0,307	0,002	0,008	0,082	FALSE

-0,025	0,300	-0,002	0,012	0,060	FALSE
0,024	0,316	0,001	0,008	0,052	FALSE
0,064	0,308	0,002	0,011	0,084	FALSE
-0,144	0,312	-0,003	0,007	0,207	FALSE
-0,103	0,309	-0,004	0,010	0,142	FALSE
0,089	0,319	0,002	0,007	0,123	FALSE
-0,021	0,320	-0,001	0,007	0,042	FALSE
-0,097	0,305	-0,005	0,012	0,181	FALSE
-0,041	0,302	-0,002	0,010	0,065	FALSE
-0,040	0,301	-0,001	0,009	0,050	FALSE
0,052	0,289	0,002	0,007	0,095	FALSE
-0,032	0,309	-0,001	0,010	0,030	FALSE
-0,066	0,314	-0,002	0,009	0,072	FALSE
0,054	0,298	0,001	0,007	0,083	FALSE
0,039	0,302	0,001	0,006	0,030	FALSE
0,029	0,303	0,001	0,006	0,038	FALSE
-0,042	0,279	-0,001	0,006	0,066	FALSE
-0,048	0,303	-0,001	0,006	0,094	FALSE
-0,071	0,303	-0,003	0,009	0,111	FALSE
-0,065	0,309	-0,002	0,009	0,084	FALSE
0,007	0,299	0,000	0,008	0,007	FALSE
-0,022	0,321	0,000	0,008	0,023	FALSE
0,006	0,297	-0,001	0,012	0,017	FALSE
0,141	0,311	0,003	0,008	0,162	FALSE
0,001	0,318	0,000	0,007	0,003	FALSE
0,036	0,298	0,001	0,008	0,048	FALSE
0,013	0,294	0,000	0,009	0,018	FALSE
0,050	0,305	0,001	0,008	0,066	FALSE
0,027	0,315	0,002	0,012	0,047	FALSE
0,184	0,287	0,003	0,006	0,203	FALSE
0,220	0,302	0,004	0,006	0,312	FALSE
-0,052	0,315	-0,002	0,008	0,072	FALSE
-0,025	0,324	-0,001	0,007	0,030	FALSE
-0,119	0,301	-0,003	0,010	0,125	FALSE
0,041	0,292	0,001	0,008	0,070	FALSE
-0,116	0,307	-0,003	0,009	0,140	FALSE
0,026	0,301	0,001	0,010	0,030	FALSE
-0,055	0,306	-0,002	0,007	0,082	FALSE
-0,048	0,312	-0,002	0,012	0,056	FALSE
0,062	0,320	0,002	0,008	0,090	FALSE
0,022	0,315	0,001	0,011	0,039	FALSE
0,039	0,310	0,002	0,010	0,063	FALSE
0,021	0,313	0,000	0,007	0,021	FALSE
-0,040	0,308	-0,002	0,012	0,074	FALSE
0,078	0,302	0,002	0,012	0,059	FALSE
0,056	0,295	0,003	0,009	0,130	FALSE
0,006	0,314	0,000	0,008	0,000	FALSE
0,007	0,307	0,000	0,010	0,011	FALSE
-0,060	0,303	-0,001	0,007	0,064	FALSE
0,054	0,322	0,002	0,012	0,064	FALSE
0,053	0,318	0,002	0,010	0,064	FALSE
-0,007	0,300	0,000	0,012	0,013	FALSE
-0,018	0,311	-0,001	0,011	0,044	FALSE

-0,053	0,321	-0,002	0,011	0,077	FALSE
-0,008	0,302	-0,001	0,008	0,036	FALSE
-0,048	0,301	-0,002	0,010	0,084	FALSE
0,074	0,311	0,002	0,007	0,097	FALSE
-0,054	0,308	-0,001	0,009	0,059	FALSE
-0,076	0,296	-0,002	0,009	0,100	FALSE
-0,007	0,311	0,000	0,007	0,004	FALSE
-0,118	0,307	-0,003	0,007	0,173	FALSE
-0,035	0,311	-0,001	0,007	0,047	FALSE
0,057	0,318	0,003	0,011	0,100	FALSE
-0,017	0,294	0,000	0,008	0,005	FALSE
-0,013	0,313	0,000	0,009	0,004	FALSE
0,082	0,311	0,004	0,014	0,120	FALSE
0,001	0,305	0,000	0,007	0,005	FALSE
0,043	0,306	0,002	0,011	0,062	FALSE
0,064	0,304	0,002	0,012	0,075	FALSE
0,002	0,317	-0,001	0,011	0,018	FALSE
-0,046	0,308	-0,001	0,008	0,053	FALSE
-0,020	0,304	0,000	0,009	0,011	FALSE
0,115	0,294	0,004	0,009	0,184	FALSE
0,012	0,316	0,000	0,013	0,005	FALSE
-0,040	0,304	-0,001	0,009	0,023	FALSE
-0,103	0,308	-0,002	0,007	0,133	FALSE
0,043	0,320	0,001	0,009	0,048	FALSE
-0,080	0,312	-0,002	0,007	0,090	FALSE
-0,042	0,318	-0,001	0,012	0,038	FALSE
0,070	0,297	0,002	0,007	0,087	FALSE
0,124	0,306	0,005	0,012	0,146	FALSE
0,103	0,316	0,003	0,012	0,106	FALSE
0,001	0,309	0,000	0,012	0,013	FALSE
0,146	0,294	0,007	0,013	0,234	FALSE
0,110	0,304	0,003	0,010	0,121	FALSE
0,098	0,302	0,003	0,011	0,100	FALSE
0,058	0,294	0,001	0,011	0,038	FALSE
-0,050	0,307	-0,001	0,007	0,050	FALSE
0,029	0,318	0,000	0,008	0,006	FALSE
-0,077	0,298	-0,002	0,006	0,093	FALSE
0,153	0,298	0,004	0,007	0,221	FALSE
-0,049	0,304	-0,001	0,007	0,058	FALSE
0,068	0,310	0,002	0,011	0,083	FALSE
-0,059	0,289	-0,001	0,007	0,073	FALSE
-0,157	0,298	-0,003	0,007	0,211	FALSE
0,022	0,319	0,001	0,007	0,027	FALSE
0,054	0,318	0,002	0,011	0,065	FALSE
0,029	0,298	0,000	0,010	0,003	FALSE
0,007	0,307	0,000	0,008	0,005	FALSE
0,038	0,308	0,000	0,011	0,015	FALSE
0,023	0,300	0,001	0,011	0,040	FALSE
0,041	0,305	0,002	0,010	0,066	FALSE
-0,083	0,306	-0,003	0,009	0,115	FALSE
0,009	0,307	0,001	0,010	0,021	FALSE
-0,051	0,306	-0,001	0,007	0,053	FALSE
0,112	0,303	0,003	0,010	0,112	FALSE

-0,015	0,305	-0,001	0,007	0,036	FALSE
-0,012	0,303	0,000	0,008	0,018	FALSE
0,084	0,306	0,002	0,006	0,094	FALSE
-0,045	0,311	-0,001	0,008	0,031	FALSE
-0,042	0,310	0,000	0,007	0,019	FALSE
-0,025	0,308	0,000	0,009	0,009	FALSE
0,036	0,297	0,002	0,010	0,084	FALSE
0,011	0,299	0,001	0,010	0,051	FALSE
0,063	0,297	0,002	0,007	0,102	FALSE
0,006	0,304	0,001	0,010	0,039	FALSE
-0,103	0,291	-0,003	0,008	0,140	FALSE
0,068	0,320	0,001	0,007	0,052	FALSE
0,161	0,285	0,007	0,012	0,265	FALSE
0,142	0,305	0,007	0,013	0,220	FALSE
0,103	0,317	0,002	0,008	0,093	FALSE
-0,127	0,313	-0,006	0,012	0,185	FALSE
0,140	0,302	0,003	0,010	0,138	FALSE
0,053	0,302	0,002	0,007	0,083	FALSE
0,100	0,293	0,003	0,008	0,164	FALSE
-0,058	0,304	-0,002	0,011	0,061	FALSE
-0,002	0,296	0,000	0,008	0,001	FALSE
0,045	0,304	0,001	0,009	0,041	FALSE
-0,035	0,309	-0,001	0,006	0,031	FALSE
0,120	0,297	0,004	0,008	0,198	FALSE
0,156	0,313	0,006	0,011	0,228	FALSE
-0,160	0,305	-0,004	0,009	0,193	FALSE
0,036	0,301	0,001	0,008	0,047	FALSE
0,078	0,316	0,002	0,008	0,107	FALSE
0,086	0,306	0,002	0,006	0,103	FALSE
0,073	0,299	0,001	0,006	0,078	FALSE
-0,049	0,297	-0,002	0,008	0,086	FALSE
0,125	0,294	0,004	0,008	0,203	FALSE
0,231	0,310	0,006	0,008	0,361	FALSE
0,025	0,311	0,000	0,007	0,018	FALSE
-0,003	0,306	0,000	0,013	0,012	FALSE
-0,155	0,306	-0,003	0,007	0,219	FALSE
-0,065	0,302	-0,004	0,012	0,113	FALSE
-0,059	0,307	-0,002	0,012	0,079	FALSE
-0,047	0,299	-0,002	0,013	0,052	FALSE
0,001	0,300	0,000	0,008	0,012	FALSE
-0,008	0,315	0,000	0,009	0,000	FALSE
-0,066	0,306	-0,002	0,008	0,097	FALSE
0,078	0,319	0,003	0,013	0,107	FALSE
0,044	0,302	0,001	0,010	0,031	FALSE
-0,001	0,306	0,000	0,012	0,001	FALSE
0,145	0,298	0,003	0,007	0,160	FALSE
0,136	0,315	0,004	0,008	0,171	FALSE
0,068	0,307	0,002	0,007	0,104	FALSE
0,047	0,304	0,001	0,009	0,024	FALSE
-0,063	0,308	-0,002	0,011	0,061	FALSE
-0,065	0,304	-0,001	0,007	0,061	FALSE
-0,048	0,288	-0,002	0,006	0,096	FALSE
0,090	0,306	0,004	0,010	0,152	FALSE

0,101	0,306	0,002	0,008	0,114	FALSE
0,001	0,309	0,000	0,009	0,007	FALSE
0,029	0,316	0,001	0,010	0,032	FALSE
-0,056	0,313	-0,002	0,009	0,089	FALSE
-0,079	0,299	-0,003	0,009	0,133	FALSE
-0,066	0,283	-0,003	0,008	0,127	FALSE
-0,090	0,298	-0,003	0,008	0,139	FALSE
0,140	0,310	0,003	0,008	0,186	FALSE
0,059	0,307	0,001	0,007	0,073	FALSE
-0,111	0,318	-0,003	0,008	0,133	FALSE
0,117	0,300	0,005	0,012	0,161	FALSE
-0,039	0,301	-0,001	0,008	0,035	FALSE
-0,024	0,309	0,000	0,007	0,024	FALSE
0,073	0,296	0,003	0,012	0,097	FALSE
0,127	0,300	0,003	0,008	0,179	FALSE
-0,006	0,302	0,000	0,008	0,004	FALSE
0,003	0,298	0,000	0,012	0,010	FALSE
0,018	0,307	0,000	0,012	0,004	FALSE
0,097	0,302	0,004	0,012	0,137	FALSE
0,064	0,305	0,002	0,007	0,086	FALSE
-0,072	0,303	-0,002	0,008	0,084	FALSE
0,025	0,299	0,000	0,007	0,011	FALSE
0,079	0,311	0,001	0,007	0,082	FALSE
0,081	0,299	0,002	0,011	0,073	FALSE
-0,026	0,308	0,000	0,007	0,023	FALSE
-0,046	0,304	-0,001	0,008	0,034	FALSE
-0,030	0,304	-0,001	0,008	0,059	FALSE
-0,063	0,300	-0,001	0,007	0,076	FALSE
0,092	0,319	0,002	0,009	0,108	FALSE
-0,015	0,297	-0,001	0,009	0,032	FALSE
-0,057	0,311	-0,002	0,012	0,064	FALSE
-0,055	0,305	-0,002	0,010	0,084	FALSE
-0,067	0,301	-0,003	0,012	0,094	FALSE
-0,028	0,309	0,000	0,007	0,005	FALSE
0,016	0,309	0,000	0,006	0,026	FALSE
-0,029	0,301	-0,002	0,012	0,062	FALSE
0,046	0,310	0,001	0,008	0,038	FALSE
-0,098	0,292	-0,003	0,009	0,149	FALSE
-0,044	0,314	-0,002	0,011	0,059	FALSE
-0,142	0,293	-0,007	0,012	0,247	FALSE
-0,040	0,315	-0,001	0,012	0,038	FALSE
0,183	0,304	0,004	0,006	0,256	FALSE
0,169	0,299	0,004	0,006	0,259	FALSE
-0,061	0,311	-0,002	0,009	0,096	FALSE
-0,005	0,302	0,000	0,009	0,001	FALSE
-0,019	0,295	0,000	0,010	0,011	FALSE
-0,037	0,315	-0,001	0,009	0,048	FALSE
0,061	0,293	0,002	0,007	0,099	FALSE
0,012	0,314	0,001	0,010	0,029	FALSE
0,011	0,300	0,001	0,006	0,039	FALSE
-0,070	0,302	-0,002	0,008	0,102	FALSE
0,048	0,311	0,002	0,012	0,065	FALSE
-0,057	0,294	-0,001	0,006	0,081	FALSE

0,048	0,318	0,001	0,012	0,041	FALSE
0,069	0,310	0,002	0,012	0,063	FALSE
0,083	0,313	0,002	0,011	0,077	FALSE
0,112	0,309	0,003	0,011	0,119	FALSE
0,058	0,298	0,001	0,007	0,039	FALSE
0,085	0,312	0,002	0,007	0,134	FALSE
0,032	0,307	0,001	0,008	0,058	FALSE
-0,071	0,295	-0,004	0,010	0,146	FALSE
0,058	0,306	0,001	0,008	0,062	FALSE
-0,046	0,315	-0,001	0,008	0,060	FALSE
0,094	0,296	0,004	0,012	0,116	FALSE
-0,035	0,313	-0,001	0,007	0,050	FALSE
0,073	0,303	0,002	0,010	0,091	FALSE
0,041	0,308	0,001	0,007	0,054	FALSE
0,025	0,313	0,000	0,013	0,009	FALSE
-0,076	0,305	-0,002	0,011	0,083	FALSE
0,064	0,290	0,003	0,011	0,099	FALSE
0,028	0,302	0,001	0,008	0,056	FALSE
0,010	0,294	0,000	0,008	0,010	FALSE
-0,044	0,314	-0,001	0,009	0,049	FALSE
-0,086	0,304	-0,003	0,012	0,100	FALSE
0,010	0,302	0,000	0,007	0,017	FALSE
-0,059	0,316	-0,002	0,010	0,060	FALSE
-0,004	0,291	-0,001	0,009	0,043	FALSE
-0,066	0,299	-0,002	0,008	0,097	FALSE
0,018	0,315	0,000	0,010	0,017	FALSE
0,107	0,296	0,006	0,012	0,192	FALSE
-0,026	0,296	0,000	0,008	0,010	FALSE
-0,040	0,293	0,000	0,007	0,005	FALSE
-0,170	0,311	-0,004	0,008	0,234	FALSE
-0,042	0,311	-0,001	0,007	0,059	FALSE
-0,083	0,297	-0,002	0,008	0,110	FALSE
0,004	0,306	-0,001	0,010	0,021	FALSE
0,136	0,300	0,004	0,008	0,195	FALSE
0,110	0,320	0,005	0,012	0,166	FALSE
0,001	0,314	0,000	0,006	0,009	FALSE
-0,048	0,323	-0,001	0,007	0,029	FALSE
0,001	0,310	0,001	0,012	0,021	FALSE
0,225	0,301	0,007	0,010	0,348	FALSE
-0,055	0,311	-0,001	0,007	0,075	FALSE
-0,015	0,305	0,000	0,012	0,006	FALSE
0,010	0,298	0,001	0,010	0,025	FALSE
-0,043	0,308	-0,002	0,011	0,068	FALSE
0,019	0,309	0,000	0,010	0,012	FALSE
-0,074	0,323	-0,003	0,009	0,116	FALSE
-0,162	0,306	-0,006	0,013	0,213	FALSE
-0,174	0,305	-0,007	0,012	0,269	FALSE
-0,055	0,306	-0,002	0,007	0,097	FALSE
0,009	0,301	-0,001	0,011	0,021	FALSE
-0,112	0,312	-0,002	0,007	0,118	FALSE
0,009	0,303	0,001	0,009	0,045	FALSE
-0,060	0,316	-0,002	0,010	0,074	FALSE
-0,030	0,300	-0,001	0,008	0,051	FALSE

-0,082	0,292	-0,001	0,007	0,060	FALSE
0,005	0,304	0,000	0,008	0,009	FALSE
0,016	0,313	0,000	0,008	0,019	FALSE
0,030	0,304	0,001	0,009	0,031	FALSE
0,006	0,317	0,000	0,009	0,016	FALSE
-0,101	0,312	-0,002	0,008	0,105	FALSE
0,172	0,283	0,005	0,009	0,257	FALSE
-0,039	0,316	-0,002	0,013	0,052	FALSE
-0,086	0,305	-0,003	0,008	0,130	FALSE
0,094	0,297	0,004	0,010	0,153	FALSE
0,076	0,302	0,003	0,012	0,097	FALSE
0,080	0,315	0,003	0,012	0,106	FALSE
0,109	0,317	0,004	0,013	0,133	FALSE
-0,183	0,314	-0,003	0,006	0,225	FALSE
0,071	0,305	0,002	0,008	0,083	FALSE
-0,094	0,312	-0,003	0,008	0,129	FALSE
0,069	0,301	0,002	0,006	0,110	FALSE
0,003	0,303	0,001	0,011	0,037	FALSE
0,006	0,312	0,000	0,007	0,016	FALSE
0,104	0,293	0,004	0,009	0,170	FALSE
-0,061	0,293	-0,003	0,011	0,090	FALSE
-0,091	0,305	-0,004	0,011	0,131	FALSE
0,044	0,307	0,001	0,007	0,052	FALSE
0,002	0,303	-0,001	0,011	0,040	FALSE
-0,009	0,313	0,000	0,009	0,017	FALSE
0,030	0,295	0,001	0,010	0,037	FALSE
-0,053	0,308	-0,002	0,007	0,089	FALSE
0,034	0,301	0,001	0,009	0,052	FALSE
0,071	0,314	0,003	0,010	0,110	FALSE
-0,005	0,314	0,000	0,007	0,005	FALSE
-0,044	0,299	-0,001	0,007	0,043	FALSE
-0,059	0,297	-0,002	0,008	0,117	FALSE
-0,010	0,315	0,000	0,012	0,003	FALSE
0,033	0,308	0,001	0,009	0,044	FALSE
-0,042	0,297	-0,001	0,008	0,048	FALSE
0,045	0,309	0,002	0,011	0,062	FALSE
-0,111	0,302	-0,002	0,007	0,117	FALSE
0,128	0,299	0,004	0,008	0,205	FALSE
0,163	0,301	0,006	0,010	0,272	FALSE
0,142	0,306	0,005	0,010	0,199	FALSE
0,005	0,324	0,001	0,008	0,043	FALSE
-0,077	0,314	-0,002	0,007	0,091	FALSE
-0,109	0,297	-0,004	0,008	0,172	FALSE
-0,117	0,298	-0,004	0,013	0,122	FALSE
0,044	0,303	0,001	0,008	0,030	FALSE
-0,037	0,293	-0,001	0,009	0,055	FALSE
-0,070	0,308	-0,002	0,008	0,092	FALSE
0,164	0,304	0,004	0,006	0,255	FALSE
-0,087	0,306	-0,001	0,006	0,083	FALSE
-0,133	0,282	-0,003	0,006	0,213	FALSE
0,041	0,291	0,001	0,008	0,049	FALSE
-0,121	0,294	-0,004	0,012	0,154	FALSE
0,121	0,303	0,003	0,007	0,154	FALSE

-0,020	0,302	0,000	0,006	0,000	FALSE
0,018	0,311	0,001	0,007	0,038	FALSE
0,047	0,304	0,001	0,006	0,078	FALSE
0,004	0,295	-0,001	0,008	0,028	FALSE
-0,088	0,306	-0,003	0,008	0,134	FALSE
0,030	0,308	0,001	0,006	0,031	FALSE
-0,101	0,302	-0,004	0,012	0,139	FALSE
0,015	0,316	0,001	0,011	0,044	FALSE
-0,007	0,321	0,000	0,007	0,025	FALSE
-0,065	0,323	-0,002	0,009	0,095	FALSE
-0,071	0,290	-0,003	0,012	0,107	FALSE
0,116	0,324	0,003	0,009	0,146	FALSE
0,207	0,293	0,007	0,009	0,328	FALSE
-0,099	0,304	-0,004	0,011	0,156	FALSE
-0,133	0,300	-0,005	0,010	0,206	FALSE
-0,113	0,309	-0,004	0,010	0,180	FALSE
0,164	0,295	0,005	0,009	0,249	FALSE
-0,040	0,309	-0,003	0,013	0,100	FALSE
0,038	0,296	0,001	0,008	0,069	FALSE
0,012	0,305	0,000	0,008	0,018	FALSE
0,111	0,302	0,004	0,010	0,159	FALSE
-0,103	0,311	-0,002	0,006	0,119	FALSE
0,003	0,308	0,000	0,007	0,007	FALSE
0,051	0,323	0,001	0,009	0,047	FALSE
-0,073	0,310	-0,004	0,012	0,117	FALSE
0,077	0,293	0,003	0,013	0,098	FALSE
-0,014	0,297	0,000	0,007	0,000	FALSE
-0,105	0,323	-0,003	0,008	0,144	FALSE
0,009	0,294	0,001	0,012	0,041	FALSE
0,082	0,306	0,002	0,010	0,083	FALSE
0,055	0,299	0,001	0,006	0,081	FALSE
0,029	0,306	0,000	0,011	0,010	FALSE
0,026	0,298	0,001	0,007	0,046	FALSE
-0,074	0,300	-0,003	0,012	0,096	FALSE
0,118	0,287	0,005	0,011	0,215	FALSE
0,070	0,305	0,003	0,012	0,093	FALSE
-0,074	0,303	-0,001	0,009	0,058	FALSE
-0,051	0,309	-0,002	0,011	0,053	FALSE
0,026	0,308	0,001	0,010	0,035	FALSE
0,006	0,303	0,001	0,010	0,019	FALSE
-0,060	0,297	-0,003	0,012	0,103	FALSE
-0,009	0,300	-0,001	0,012	0,031	FALSE
-0,091	0,299	-0,002	0,008	0,108	FALSE
0,052	0,301	0,001	0,008	0,049	FALSE
0,044	0,314	0,001	0,009	0,038	FALSE
0,063	0,289	0,002	0,009	0,102	FALSE
-0,014	0,307	0,000	0,007	0,002	FALSE
-0,099	0,313	-0,002	0,007	0,125	FALSE
0,107	0,317	0,003	0,010	0,135	FALSE
-0,107	0,311	-0,005	0,012	0,170	FALSE
-0,029	0,317	-0,001	0,013	0,033	FALSE
-0,091	0,311	-0,002	0,007	0,102	FALSE
-0,018	0,309	0,000	0,012	0,005	FALSE

-0,075	0,307	-0,002	0,008	0,085	FALSE
-0,012	0,311	-0,001	0,010	0,025	FALSE
-0,085	0,295	-0,002	0,006	0,106	FALSE
0,046	0,303	0,001	0,008	0,028	FALSE
-0,058	0,292	-0,002	0,010	0,070	FALSE
-0,141	0,296	-0,004	0,008	0,193	FALSE
0,058	0,304	0,002	0,007	0,113	FALSE
-0,020	0,309	-0,001	0,012	0,040	FALSE
0,025	0,290	0,000	0,010	0,012	FALSE
-0,074	0,308	-0,002	0,008	0,074	FALSE
0,224	0,288	0,005	0,007	0,340	FALSE
-0,055	0,305	-0,001	0,007	0,053	FALSE
-0,087	0,317	-0,002	0,007	0,093	FALSE
0,131	0,300	0,003	0,007	0,173	FALSE
0,012	0,300	0,002	0,011	0,050	FALSE
0,197	0,299	0,005	0,007	0,292	FALSE
-0,157	0,296	-0,004	0,008	0,222	FALSE
-0,004	0,297	0,000	0,006	0,021	FALSE
-0,067	0,297	-0,002	0,010	0,069	FALSE
0,123	0,305	0,005	0,011	0,175	FALSE
0,055	0,296	0,001	0,006	0,051	FALSE
-0,013	0,315	-0,001	0,013	0,025	FALSE
0,083	0,302	0,002	0,007	0,123	FALSE
-0,098	0,307	-0,002	0,007	0,140	FALSE
-0,161	0,297	-0,004	0,008	0,238	FALSE
-0,084	0,306	-0,001	0,008	0,069	FALSE
0,083	0,303	0,001	0,006	0,086	FALSE
0,032	0,304	0,001	0,010	0,043	FALSE
-0,021	0,316	-0,001	0,007	0,042	FALSE
0,026	0,292	0,000	0,012	0,005	FALSE
-0,110	0,307	-0,002	0,010	0,101	FALSE
-0,133	0,305	-0,003	0,006	0,168	FALSE
0,026	0,316	0,001	0,012	0,023	FALSE
-0,036	0,309	-0,001	0,008	0,050	FALSE
-0,013	0,307	-0,001	0,008	0,030	FALSE
-0,084	0,291	-0,002	0,008	0,076	FALSE
0,074	0,293	0,003	0,012	0,090	FALSE
0,070	0,297	0,002	0,007	0,085	FALSE
-0,094	0,305	-0,002	0,008	0,124	FALSE
0,006	0,297	0,000	0,010	0,016	FALSE
-0,050	0,298	-0,001	0,007	0,045	FALSE
-0,086	0,294	-0,002	0,007	0,111	FALSE
-0,051	0,303	-0,002	0,010	0,073	FALSE
0,067	0,298	0,002	0,007	0,129	FALSE
-0,052	0,315	-0,001	0,007	0,049	FALSE
-0,070	0,291	-0,001	0,006	0,084	FALSE
0,099	0,309	0,002	0,008	0,095	FALSE
-0,040	0,304	-0,002	0,011	0,079	FALSE
-0,046	0,302	-0,001	0,009	0,052	FALSE
0,034	0,307	0,002	0,012	0,049	FALSE
0,051	0,316	0,001	0,007	0,047	FALSE
0,048	0,307	0,001	0,007	0,067	FALSE
0,017	0,303	0,000	0,006	0,011	FALSE

0,084	0,304	0,003	0,013	0,105	FALSE
0,030	0,322	0,001	0,008	0,031	FALSE
0,011	0,312	0,000	0,008	0,006	FALSE
-0,023	0,322	0,000	0,011	0,004	FALSE
-0,056	0,305	-0,002	0,010	0,075	FALSE
0,036	0,295	0,002	0,010	0,093	FALSE
-0,035	0,313	-0,001	0,010	0,045	FALSE
0,078	0,296	0,004	0,013	0,131	FALSE
0,004	0,287	-0,001	0,012	0,027	FALSE
0,127	0,309	0,003	0,008	0,145	FALSE
-0,009	0,314	0,000	0,009	0,010	FALSE
-0,039	0,308	-0,002	0,011	0,062	FALSE
0,027	0,318	0,000	0,007	0,018	FALSE
0,026	0,309	0,001	0,012	0,034	FALSE
0,055	0,313	0,003	0,012	0,089	FALSE
0,195	0,303	0,005	0,008	0,312	FALSE
0,035	0,278	0,001	0,012	0,020	FALSE
-0,001	0,301	-0,001	0,011	0,019	FALSE
-0,005	0,304	-0,001	0,010	0,028	FALSE
0,142	0,287	0,007	0,011	0,266	FALSE
-0,179	0,306	-0,005	0,010	0,237	FALSE
0,044	0,315	0,001	0,010	0,038	FALSE
0,054	0,294	0,003	0,012	0,088	FALSE
-0,088	0,309	-0,003	0,011	0,115	FALSE
0,043	0,310	0,001	0,006	0,080	FALSE
-0,011	0,313	-0,001	0,009	0,032	FALSE
0,102	0,311	0,003	0,012	0,113	FALSE
-0,009	0,318	0,000	0,007	0,015	FALSE
-0,016	0,303	-0,001	0,006	0,051	FALSE
-0,066	0,297	-0,002	0,009	0,084	FALSE
-0,026	0,308	0,000	0,007	0,021	FALSE
0,017	0,316	0,000	0,007	0,026	FALSE
0,007	0,313	0,001	0,010	0,020	FALSE
0,006	0,311	0,000	0,008	0,023	FALSE
0,124	0,300	0,004	0,010	0,136	FALSE
0,037	0,301	0,001	0,008	0,032	FALSE
0,050	0,304	0,001	0,012	0,024	FALSE
0,013	0,323	0,000	0,010	0,004	FALSE
0,085	0,305	0,002	0,006	0,114	FALSE
-0,027	0,312	-0,001	0,013	0,017	FALSE
-0,019	0,306	0,000	0,010	0,014	FALSE
-0,056	0,301	-0,002	0,012	0,058	FALSE
-0,038	0,291	-0,001	0,006	0,031	FALSE
0,043	0,296	0,001	0,007	0,035	FALSE
0,089	0,314	0,002	0,007	0,086	FALSE
0,063	0,312	0,001	0,007	0,057	FALSE
0,050	0,295	0,001	0,007	0,038	FALSE
-0,090	0,287	-0,002	0,010	0,089	FALSE
0,026	0,313	0,000	0,007	0,025	FALSE
-0,016	0,301	0,000	0,010	0,013	FALSE
-0,059	0,299	-0,001	0,007	0,053	FALSE
0,047	0,316	0,003	0,012	0,091	FALSE
0,051	0,304	0,003	0,011	0,094	FALSE

0,014	0,300	0,001	0,012	0,026	FALSE
-0,114	0,310	-0,005	0,012	0,173	FALSE
0,006	0,302	0,000	0,007	0,001	FALSE
-0,038	0,302	-0,001	0,008	0,039	FALSE
-0,011	0,319	-0,001	0,011	0,027	FALSE
-0,100	0,305	-0,004	0,012	0,142	FALSE
-0,081	0,306	-0,004	0,012	0,146	FALSE
-0,036	0,309	-0,001	0,009	0,050	FALSE
-0,120	0,305	-0,003	0,007	0,173	FALSE
-0,059	0,306	-0,001	0,008	0,070	FALSE
-0,094	0,299	-0,002	0,009	0,105	FALSE
0,098	0,306	0,003	0,010	0,130	FALSE
-0,010	0,302	0,000	0,007	0,009	FALSE
0,010	0,302	0,000	0,007	0,016	FALSE
0,092	0,309	0,003	0,011	0,107	FALSE
0,009	0,306	0,000	0,012	0,004	FALSE
0,004	0,311	0,000	0,012	0,011	FALSE
0,017	0,310	0,001	0,010	0,030	FALSE
-0,094	0,315	-0,005	0,013	0,138	FALSE
-0,055	0,302	-0,003	0,012	0,094	FALSE
-0,015	0,313	0,000	0,009	0,017	FALSE
-0,072	0,311	-0,002	0,009	0,086	FALSE
-0,045	0,301	-0,001	0,006	0,058	FALSE
-0,042	0,304	-0,002	0,011	0,082	FALSE
0,028	0,307	0,002	0,013	0,062	FALSE
-0,009	0,300	0,000	0,006	0,006	FALSE
0,118	0,311	0,002	0,007	0,147	FALSE
-0,107	0,307	-0,003	0,011	0,111	FALSE
0,096	0,315	0,003	0,009	0,118	FALSE
0,055	0,310	0,002	0,012	0,074	FALSE
0,020	0,312	0,001	0,008	0,030	FALSE
-0,070	0,291	-0,001	0,006	0,085	FALSE
-0,001	0,301	0,000	0,006	0,011	FALSE
-0,034	0,313	-0,002	0,013	0,047	FALSE
0,052	0,315	0,001	0,009	0,023	FALSE
0,029	0,313	0,001	0,010	0,037	FALSE
0,030	0,302	0,000	0,007	0,018	FALSE
0,088	0,302	0,002	0,008	0,117	FALSE
-0,017	0,296	-0,001	0,006	0,035	FALSE
0,035	0,314	0,002	0,011	0,063	FALSE
0,014	0,295	0,000	0,013	0,004	FALSE
-0,170	0,293	-0,007	0,012	0,264	FALSE
-0,034	0,297	-0,001	0,006	0,074	FALSE
-0,148	0,296	-0,004	0,008	0,239	FALSE
-0,110	0,301	-0,003	0,009	0,157	FALSE
-0,003	0,302	0,000	0,010	0,004	FALSE
0,050	0,322	0,001	0,010	0,052	FALSE
0,046	0,303	0,002	0,012	0,048	FALSE
-0,140	0,298	-0,004	0,007	0,210	FALSE
0,209	0,293	0,007	0,010	0,334	FALSE
-0,137	0,302	-0,004	0,011	0,153	FALSE
-0,077	0,295	-0,004	0,012	0,133	FALSE
0,006	0,311	0,001	0,008	0,040	FALSE

0,066	0,299	0,001	0,007	0,069	FALSE
-0,031	0,315	-0,001	0,008	0,041	FALSE
-0,089	0,315	-0,003	0,008	0,134	FALSE
-0,041	0,320	-0,001	0,008	0,058	FALSE
0,003	0,291	0,000	0,010	0,001	FALSE
-0,041	0,315	-0,001	0,007	0,034	FALSE
0,095	0,310	0,002	0,008	0,102	FALSE
0,057	0,315	0,001	0,009	0,034	FALSE
0,101	0,297	0,004	0,012	0,135	FALSE
0,001	0,297	-0,001	0,006	0,046	FALSE
0,017	0,294	0,000	0,006	0,018	FALSE
-0,131	0,306	-0,005	0,011	0,193	FALSE
0,204	0,281	0,006	0,007	0,395	FALSE
-0,021	0,293	-0,001	0,012	0,034	FALSE
0,003	0,302	0,000	0,008	0,011	FALSE
0,030	0,297	0,001	0,007	0,029	FALSE
0,055	0,302	0,002	0,012	0,048	FALSE
-0,137	0,320	-0,004	0,010	0,172	FALSE
-0,118	0,313	-0,004	0,010	0,150	FALSE
-0,153	0,307	-0,005	0,010	0,210	FALSE
0,011	0,312	0,001	0,011	0,033	FALSE
0,089	0,295	0,003	0,012	0,097	FALSE
-0,052	0,309	-0,001	0,010	0,040	FALSE
-0,165	0,323	-0,003	0,007	0,210	FALSE
-0,025	0,315	0,000	0,009	0,016	FALSE
0,101	0,315	0,004	0,013	0,111	FALSE
-0,084	0,310	-0,003	0,011	0,098	FALSE
-0,036	0,295	-0,001	0,007	0,060	FALSE
-0,064	0,306	-0,001	0,006	0,063	FALSE
0,073	0,312	0,003	0,013	0,084	FALSE
0,063	0,294	0,002	0,008	0,085	FALSE
0,036	0,311	0,001	0,009	0,026	FALSE
0,166	0,299	0,004	0,008	0,216	FALSE
-0,023	0,311	-0,001	0,011	0,043	FALSE
0,080	0,310	0,002	0,007	0,104	FALSE
0,054	0,298	0,001	0,007	0,041	FALSE
-0,165	0,307	-0,005	0,011	0,199	FALSE
0,025	0,313	0,001	0,008	0,031	FALSE
0,009	0,302	0,002	0,012	0,051	FALSE
0,070	0,308	0,003	0,009	0,111	FALSE
0,061	0,300	0,002	0,007	0,113	FALSE
-0,041	0,299	-0,001	0,009	0,032	FALSE
0,013	0,318	0,001	0,012	0,025	FALSE
-0,155	0,311	-0,004	0,007	0,234	FALSE
-0,057	0,315	-0,002	0,011	0,059	FALSE
-0,025	0,294	0,000	0,007	0,005	FALSE
-0,157	0,302	-0,007	0,011	0,258	FALSE
0,046	0,300	0,002	0,013	0,060	FALSE
-0,048	0,310	-0,001	0,010	0,039	FALSE
-0,229	0,294	-0,005	0,006	0,360	FALSE
-0,287	0,291	-0,013	0,013	0,493	FALSE
0,031	0,316	0,002	0,013	0,064	FALSE
0,112	0,308	0,004	0,011	0,149	FALSE

0,047	0,308	0,002	0,012	0,047	FALSE
0,005	0,314	0,000	0,009	0,003	FALSE
0,112	0,316	0,003	0,008	0,143	FALSE
-0,046	0,317	-0,002	0,013	0,056	FALSE
0,020	0,308	0,001	0,009	0,030	FALSE
0,070	0,303	0,001	0,008	0,063	FALSE
0,073	0,294	0,003	0,009	0,140	FALSE
-0,080	0,323	-0,002	0,010	0,085	FALSE
0,024	0,330	0,001	0,006	0,042	FALSE
-0,005	0,322	0,000	0,010	0,003	FALSE
-0,016	0,310	-0,001	0,007	0,029	FALSE
0,102	0,301	0,003	0,008	0,153	FALSE
-0,012	0,302	-0,001	0,012	0,034	FALSE
-0,028	0,298	-0,002	0,012	0,056	FALSE
-0,049	0,307	-0,002	0,010	0,066	FALSE
0,085	0,310	0,002	0,007	0,133	FALSE
-0,082	0,295	-0,002	0,009	0,093	FALSE
0,081	0,298	0,004	0,010	0,156	FALSE
0,121	0,299	0,005	0,013	0,160	FALSE
-0,081	0,306	-0,002	0,008	0,108	FALSE
0,088	0,311	0,002	0,006	0,104	FALSE
0,141	0,300	0,006	0,011	0,218	FALSE
0,131	0,297	0,005	0,009	0,212	FALSE
0,122	0,297	0,003	0,006	0,181	FALSE
0,064	0,309	0,002	0,009	0,090	FALSE
-0,046	0,309	-0,001	0,008	0,068	FALSE
0,142	0,301	0,004	0,008	0,233	FALSE
0,100	0,306	0,003	0,007	0,150	FALSE
0,129	0,300	0,005	0,010	0,209	FALSE
-0,179	0,294	-0,006	0,009	0,283	FALSE
-0,015	0,325	-0,002	0,012	0,049	FALSE
-0,075	0,291	-0,001	0,008	0,058	FALSE
0,001	0,294	0,001	0,008	0,035	FALSE
-0,122	0,294	-0,004	0,009	0,166	FALSE
-0,110	0,297	-0,003	0,009	0,147	FALSE
-0,103	0,303	-0,003	0,009	0,120	FALSE
-0,065	0,319	-0,002	0,012	0,076	FALSE
-0,020	0,297	0,000	0,006	0,018	FALSE
-0,116	0,292	-0,002	0,006	0,142	FALSE
0,105	0,296	0,002	0,007	0,115	FALSE
0,060	0,316	0,002	0,013	0,043	FALSE
0,093	0,295	0,004	0,008	0,185	FALSE
0,091	0,321	0,003	0,011	0,122	FALSE
0,120	0,296	0,003	0,007	0,169	FALSE
-0,076	0,303	-0,002	0,008	0,087	FALSE
0,078	0,302	0,003	0,009	0,143	FALSE
-0,071	0,295	-0,002	0,008	0,077	FALSE
0,074	0,278	0,003	0,011	0,103	FALSE
-0,015	0,313	-0,001	0,007	0,038	FALSE
-0,021	0,296	0,000	0,011	0,014	FALSE
0,085	0,315	0,003	0,012	0,092	FALSE
-0,024	0,296	-0,001	0,008	0,025	FALSE
0,018	0,293	0,000	0,010	0,005	FALSE

0,101	0,308	0,004	0,010	0,173	FALSE
-0,010	0,309	0,000	0,009	0,008	FALSE
0,000	0,320	0,001	0,012	0,028	FALSE
0,022	0,308	0,001	0,010	0,054	FALSE
0,163	0,295	0,007	0,011	0,280	FALSE
-0,054	0,311	-0,001	0,007	0,048	FALSE
0,116	0,307	0,005	0,012	0,178	FALSE
0,041	0,311	0,002	0,012	0,067	FALSE
0,229	0,292	0,006	0,008	0,358	FALSE
-0,062	0,309	-0,003	0,010	0,100	FALSE
-0,090	0,296	-0,005	0,011	0,181	FALSE
-0,055	0,317	-0,002	0,012	0,066	FALSE
0,145	0,306	0,005	0,011	0,192	FALSE
-0,025	0,305	-0,001	0,011	0,036	FALSE
0,066	0,313	0,001	0,006	0,055	FALSE
-0,041	0,309	-0,001	0,008	0,047	FALSE
-0,035	0,308	-0,001	0,007	0,027	FALSE
-0,052	0,316	-0,001	0,007	0,050	FALSE
-0,063	0,309	-0,001	0,007	0,069	FALSE
0,015	0,312	0,000	0,009	0,006	FALSE
-0,001	0,312	0,000	0,009	0,007	FALSE
-0,021	0,309	0,000	0,013	0,013	FALSE
0,084	0,298	0,003	0,009	0,120	FALSE
0,103	0,300	0,005	0,012	0,153	FALSE
0,098	0,299	0,004	0,010	0,154	FALSE
0,109	0,285	0,004	0,009	0,170	FALSE
-0,007	0,303	0,000	0,009	0,019	FALSE
-0,113	0,285	-0,004	0,011	0,148	FALSE
0,087	0,294	0,004	0,011	0,152	FALSE
-0,010	0,326	0,000	0,007	0,016	FALSE
-0,016	0,307	0,000	0,009	0,019	FALSE
0,047	0,296	0,001	0,013	0,026	FALSE
0,053	0,310	0,001	0,007	0,079	FALSE
-0,073	0,302	-0,003	0,010	0,096	FALSE
-0,104	0,312	-0,002	0,006	0,109	FALSE
0,076	0,306	0,002	0,006	0,108	FALSE
-0,087	0,309	-0,004	0,012	0,142	FALSE
-0,158	0,297	-0,003	0,006	0,201	FALSE
0,002	0,309	0,000	0,013	0,010	FALSE
-0,058	0,295	-0,001	0,009	0,043	FALSE
-0,017	0,295	-0,001	0,011	0,044	FALSE
-0,132	0,307	-0,004	0,009	0,188	FALSE
-0,023	0,300	-0,001	0,010	0,046	FALSE
0,054	0,308	0,003	0,011	0,101	FALSE
-0,192	0,315	-0,004	0,007	0,246	FALSE
-0,064	0,318	-0,002	0,013	0,056	FALSE
-0,004	0,308	0,000	0,012	0,006	FALSE
-0,138	0,302	-0,006	0,011	0,219	FALSE
0,035	0,314	0,001	0,009	0,055	FALSE
-0,225	0,299	-0,006	0,008	0,335	FALSE
-0,016	0,301	0,000	0,007	0,023	FALSE
0,046	0,317	0,001	0,008	0,066	FALSE
-0,052	0,315	-0,001	0,010	0,025	FALSE

0,151	0,297	0,003	0,007	0,219	FALSE
0,033	0,308	0,001	0,012	0,031	FALSE
-0,018	0,313	-0,001	0,009	0,046	FALSE
-0,010	0,310	-0,001	0,009	0,039	FALSE
-0,018	0,306	-0,001	0,009	0,049	FALSE
-0,051	0,323	-0,002	0,013	0,051	FALSE
0,072	0,309	0,003	0,012	0,100	FALSE
-0,089	0,310	-0,001	0,006	0,081	FALSE
0,008	0,299	0,000	0,010	0,003	FALSE
-0,044	0,296	-0,002	0,007	0,095	FALSE
-0,050	0,309	-0,001	0,006	0,030	FALSE
-0,059	0,317	-0,002	0,011	0,088	FALSE
-0,136	0,303	-0,005	0,011	0,206	FALSE
0,178	0,294	0,008	0,012	0,285	FALSE
-0,055	0,301	-0,001	0,011	0,044	FALSE
0,087	0,304	0,002	0,007	0,122	FALSE
-0,041	0,312	-0,001	0,007	0,030	FALSE
0,013	0,293	-0,001	0,013	0,020	FALSE
0,084	0,299	0,003	0,012	0,114	FALSE
0,084	0,306	0,002	0,008	0,106	FALSE
-0,186	0,303	-0,008	0,013	0,292	FALSE
0,006	0,309	0,000	0,010	0,002	FALSE
-0,144	0,306	-0,003	0,007	0,201	FALSE
0,096	0,308	0,003	0,009	0,106	FALSE
-0,019	0,290	-0,001	0,011	0,038	FALSE
0,065	0,306	0,001	0,006	0,074	FALSE
-0,156	0,303	-0,003	0,007	0,207	FALSE
0,166	0,290	0,004	0,007	0,251	FALSE
-0,082	0,311	-0,002	0,007	0,085	FALSE
0,005	0,308	0,000	0,012	0,005	FALSE
-0,001	0,298	0,000	0,010	0,014	FALSE
-0,045	0,317	-0,001	0,007	0,053	FALSE
-0,157	0,297	-0,004	0,008	0,192	FALSE
-0,165	0,310	-0,003	0,006	0,227	FALSE
0,070	0,307	0,001	0,007	0,060	FALSE
-0,001	0,297	0,001	0,011	0,037	FALSE
0,012	0,306	0,000	0,009	0,012	FALSE
0,013	0,296	0,001	0,008	0,045	FALSE
-0,049	0,313	-0,001	0,006	0,059	FALSE
0,063	0,302	0,002	0,008	0,085	FALSE
-0,038	0,311	-0,001	0,006	0,076	FALSE
-0,039	0,319	-0,001	0,009	0,050	FALSE
-0,074	0,306	-0,003	0,012	0,104	FALSE
-0,113	0,305	-0,004	0,012	0,143	FALSE
-0,045	0,305	-0,001	0,011	0,038	FALSE
0,201	0,293	0,007	0,010	0,318	FALSE
-0,042	0,300	-0,001	0,011	0,022	FALSE
-0,052	0,310	-0,001	0,011	0,041	FALSE
0,011	0,317	0,000	0,007	0,019	FALSE
-0,162	0,306	-0,006	0,011	0,238	FALSE
-0,148	0,317	-0,006	0,013	0,188	FALSE
-0,198	0,297	-0,008	0,012	0,265	FALSE
-0,138	0,305	-0,006	0,013	0,201	FALSE

-0,096	0,296	-0,004	0,012	0,138	FALSE
0,011	0,314	0,000	0,010	0,001	FALSE
0,078	0,314	0,002	0,007	0,115	FALSE
-0,157	0,288	-0,007	0,012	0,252	FALSE
0,199	0,285	0,006	0,008	0,333	FALSE
-0,144	0,297	-0,006	0,013	0,212	FALSE
-0,010	0,311	0,000	0,006	0,022	FALSE
0,066	0,302	0,002	0,010	0,070	FALSE
0,096	0,303	0,003	0,012	0,082	FALSE
0,072	0,308	0,002	0,007	0,093	FALSE
-0,004	0,302	0,000	0,010	0,006	FALSE
0,062	0,317	0,003	0,012	0,080	FALSE
-0,018	0,287	-0,001	0,010	0,023	FALSE
-0,090	0,306	-0,002	0,009	0,103	FALSE
-0,096	0,308	-0,003	0,009	0,129	FALSE
0,073	0,312	0,002	0,009	0,100	FALSE
0,023	0,314	0,001	0,010	0,020	FALSE
0,043	0,322	0,001	0,009	0,057	FALSE
-0,070	0,294	-0,002	0,007	0,093	FALSE
0,054	0,305	0,002	0,012	0,052	FALSE
0,026	0,304	0,001	0,009	0,031	FALSE
0,163	0,300	0,005	0,011	0,214	FALSE
0,019	0,318	0,000	0,011	0,008	FALSE
-0,069	0,302	-0,002	0,011	0,084	FALSE
0,050	0,307	0,002	0,012	0,070	FALSE
0,075	0,309	0,002	0,010	0,072	FALSE
-0,131	0,315	-0,003	0,006	0,169	FALSE
0,059	0,305	0,002	0,012	0,071	FALSE
0,020	0,314	0,000	0,012	0,010	FALSE
0,047	0,319	0,002	0,009	0,079	FALSE
0,141	0,309	0,003	0,007	0,182	FALSE
0,094	0,300	0,003	0,009	0,157	FALSE
0,170	0,307	0,006	0,012	0,225	FALSE
0,079	0,311	0,003	0,011	0,112	FALSE
0,026	0,304	0,000	0,008	0,009	FALSE
-0,071	0,308	-0,003	0,008	0,138	FALSE
0,046	0,313	0,001	0,008	0,062	FALSE
-0,012	0,318	-0,001	0,010	0,040	FALSE
-0,005	0,302	-0,001	0,008	0,030	FALSE
0,040	0,301	0,001	0,006	0,063	FALSE
-0,042	0,313	-0,001	0,008	0,043	FALSE
0,046	0,318	0,001	0,009	0,052	FALSE
-0,111	0,298	-0,003	0,010	0,118	FALSE
-0,039	0,313	-0,001	0,011	0,032	FALSE
0,130	0,299	0,004	0,010	0,154	FALSE
-0,034	0,321	0,000	0,009	0,019	FALSE
0,021	0,317	0,001	0,009	0,040	FALSE
-0,114	0,299	-0,004	0,008	0,195	FALSE
-0,079	0,310	-0,003	0,008	0,132	FALSE
-0,207	0,306	-0,007	0,011	0,286	FALSE
0,104	0,314	0,002	0,007	0,125	FALSE
-0,050	0,309	-0,002	0,009	0,105	FALSE
-0,005	0,310	0,000	0,007	0,004	FALSE

0,011	0,305	0,000	0,007	0,024	FALSE
0,016	0,305	0,001	0,007	0,028	FALSE
-0,081	0,296	-0,002	0,007	0,095	FALSE
0,105	0,317	0,002	0,007	0,135	FALSE
-0,125	0,299	-0,004	0,008	0,187	FALSE
0,073	0,297	0,001	0,006	0,090	FALSE
-0,003	0,318	0,000	0,008	0,018	FALSE
0,001	0,319	0,001	0,008	0,028	FALSE
-0,031	0,312	-0,001	0,012	0,027	FALSE
0,013	0,305	0,000	0,007	0,021	FALSE
-0,008	0,299	0,000	0,007	0,004	FALSE
-0,002	0,310	0,000	0,007	0,004	FALSE
0,039	0,299	0,001	0,007	0,054	FALSE
-0,086	0,303	-0,002	0,007	0,115	FALSE
-0,157	0,289	-0,005	0,010	0,209	FALSE
-0,143	0,305	-0,005	0,010	0,184	FALSE
0,066	0,314	0,002	0,008	0,083	FALSE
0,072	0,305	0,002	0,007	0,094	FALSE
-0,024	0,320	-0,001	0,007	0,044	FALSE
-0,051	0,310	-0,002	0,008	0,090	FALSE
-0,085	0,316	-0,001	0,007	0,076	FALSE
-0,030	0,304	0,000	0,012	0,013	FALSE
-0,019	0,307	0,000	0,012	0,007	FALSE
0,022	0,328	0,000	0,009	0,003	FALSE
-0,119	0,312	-0,003	0,008	0,171	FALSE
0,015	0,306	0,000	0,007	0,019	FALSE
-0,078	0,303	-0,003	0,011	0,123	FALSE
0,046	0,315	0,001	0,008	0,047	FALSE
-0,020	0,308	-0,001	0,012	0,017	FALSE
0,099	0,327	0,004	0,011	0,132	FALSE
-0,064	0,304	-0,003	0,010	0,116	FALSE
0,065	0,303	0,003	0,012	0,099	FALSE
-0,111	0,299	-0,003	0,007	0,171	FALSE
0,125	0,301	0,004	0,009	0,184	FALSE
0,062	0,313	0,001	0,008	0,044	FALSE
-0,094	0,310	-0,002	0,006	0,115	FALSE
0,038	0,318	0,001	0,007	0,046	FALSE
-0,022	0,304	-0,001	0,007	0,029	FALSE
0,023	0,296	0,001	0,011	0,033	FALSE
0,005	0,317	0,001	0,010	0,019	FALSE
0,053	0,310	0,001	0,007	0,052	FALSE
0,035	0,306	0,001	0,008	0,032	FALSE
0,069	0,309	0,004	0,012	0,121	FALSE
-0,019	0,315	-0,001	0,007	0,028	FALSE
0,068	0,301	0,001	0,006	0,046	FALSE
-0,053	0,306	-0,002	0,011	0,073	FALSE
-0,016	0,306	-0,001	0,006	0,049	FALSE
0,038	0,300	0,001	0,010	0,035	FALSE
0,067	0,309	0,002	0,009	0,079	FALSE
-0,247	0,293	-0,010	0,012	0,409	FALSE
-0,020	0,295	-0,001	0,009	0,056	FALSE
0,000	0,298	-0,001	0,009	0,030	FALSE
-0,204	0,295	-0,004	0,006	0,318	FALSE

-0,143	0,297	-0,003	0,007	0,204	FALSE
-0,171	0,273	-0,004	0,007	0,243	FALSE
-0,117	0,304	-0,002	0,006	0,165	FALSE
0,079	0,309	0,003	0,011	0,090	FALSE
-0,080	0,294	-0,002	0,006	0,118	FALSE
-0,109	0,312	-0,004	0,010	0,142	FALSE
-0,008	0,298	0,000	0,008	0,001	FALSE
-0,030	0,306	-0,001	0,013	0,020	FALSE
-0,081	0,312	-0,002	0,008	0,115	FALSE
-0,039	0,306	0,000	0,006	0,008	FALSE
-0,052	0,304	-0,002	0,009	0,079	FALSE
0,017	0,295	0,001	0,006	0,033	FALSE
0,035	0,309	0,001	0,007	0,054	FALSE
-0,141	0,299	-0,003	0,008	0,175	FALSE
0,004	0,318	0,000	0,012	0,002	FALSE
0,058	0,314	0,001	0,007	0,059	FALSE
0,014	0,326	0,001	0,009	0,029	FALSE
0,170	0,299	0,006	0,011	0,238	FALSE
0,006	0,317	0,001	0,011	0,020	FALSE
0,001	0,319	0,000	0,010	0,014	FALSE
-0,014	0,321	-0,001	0,011	0,022	FALSE
-0,023	0,293	0,000	0,008	0,017	FALSE
-0,114	0,314	-0,004	0,010	0,149	FALSE
-0,072	0,309	-0,001	0,007	0,075	FALSE
0,060	0,302	0,002	0,011	0,066	FALSE
-0,080	0,310	-0,004	0,012	0,118	FALSE
0,032	0,307	0,001	0,009	0,054	FALSE
-0,083	0,299	-0,002	0,006	0,096	FALSE
-0,002	0,310	0,000	0,008	0,004	FALSE
-0,023	0,298	-0,001	0,013	0,017	FALSE
0,035	0,299	0,001	0,008	0,040	FALSE
0,141	0,316	0,003	0,007	0,157	FALSE
-0,062	0,306	-0,002	0,011	0,070	FALSE
0,006	0,298	0,000	0,008	0,001	FALSE
0,033	0,299	0,001	0,008	0,041	FALSE
0,029	0,315	0,002	0,011	0,068	FALSE
-0,029	0,322	-0,001	0,010	0,021	FALSE
-0,025	0,311	-0,001	0,011	0,023	FALSE
0,009	0,294	0,000	0,006	0,012	FALSE
0,089	0,298	0,004	0,012	0,136	FALSE
-0,075	0,308	-0,002	0,008	0,080	FALSE
-0,045	0,297	-0,001	0,009	0,060	FALSE
0,014	0,306	0,000	0,011	0,011	FALSE
-0,002	0,301	0,000	0,006	0,015	FALSE
-0,055	0,312	-0,003	0,013	0,088	FALSE
-0,080	0,306	-0,004	0,013	0,129	FALSE
0,083	0,316	0,003	0,010	0,114	FALSE
0,064	0,310	0,003	0,012	0,103	FALSE
0,098	0,305	0,002	0,006	0,142	FALSE
-0,089	0,310	-0,003	0,010	0,102	FALSE
-0,025	0,306	-0,001	0,012	0,034	FALSE
-0,028	0,307	-0,001	0,012	0,018	FALSE
0,043	0,302	0,001	0,012	0,047	FALSE

-0,040	0,324	-0,002	0,013	0,062	FALSE
0,011	0,310	0,001	0,012	0,030	FALSE
0,026	0,302	0,001	0,012	0,022	FALSE
0,012	0,303	0,000	0,013	0,003	FALSE
-0,131	0,302	-0,003	0,008	0,163	FALSE
-0,049	0,298	-0,002	0,012	0,080	FALSE
0,158	0,305	0,007	0,012	0,243	FALSE
-0,127	0,313	-0,004	0,012	0,132	FALSE
-0,015	0,302	-0,001	0,011	0,026	FALSE
-0,031	0,303	-0,002	0,011	0,051	FALSE
0,074	0,295	0,002	0,007	0,109	FALSE
-0,084	0,299	-0,003	0,010	0,113	FALSE
0,074	0,312	0,002	0,008	0,090	FALSE
-0,005	0,308	0,000	0,009	0,010	FALSE
-0,127	0,316	-0,003	0,007	0,155	FALSE
0,075	0,307	0,002	0,007	0,118	FALSE
-0,105	0,297	-0,004	0,011	0,164	FALSE
0,091	0,309	0,002	0,007	0,149	FALSE
0,076	0,313	0,003	0,012	0,107	FALSE
0,002	0,304	0,000	0,011	0,007	FALSE
0,087	0,317	0,003	0,012	0,106	FALSE
-0,020	0,312	0,000	0,011	0,011	FALSE
0,005	0,313	0,001	0,011	0,017	FALSE
0,008	0,299	0,000	0,010	0,004	FALSE
-0,029	0,310	-0,001	0,010	0,042	FALSE
-0,030	0,324	-0,001	0,012	0,041	FALSE
0,037	0,317	0,001	0,009	0,042	FALSE
-0,002	0,300	-0,001	0,012	0,016	FALSE
0,042	0,308	0,001	0,012	0,046	FALSE
-0,125	0,312	-0,005	0,013	0,155	FALSE
-0,158	0,288	-0,006	0,012	0,217	FALSE
-0,148	0,292	-0,006	0,012	0,192	FALSE
-0,143	0,305	-0,006	0,012	0,199	FALSE
-0,037	0,292	-0,002	0,010	0,069	FALSE
0,127	0,310	0,003	0,008	0,163	FALSE
-0,071	0,307	-0,002	0,009	0,084	FALSE
-0,048	0,303	-0,001	0,008	0,058	FALSE
0,023	0,320	0,000	0,011	0,009	FALSE
0,018	0,315	0,000	0,009	0,014	FALSE
-0,063	0,308	-0,002	0,007	0,102	FALSE
0,092	0,308	0,004	0,010	0,156	FALSE
0,010	0,305	0,000	0,007	0,010	FALSE
0,056	0,315	0,002	0,007	0,078	FALSE
-0,028	0,301	-0,001	0,008	0,068	FALSE
-0,036	0,300	-0,002	0,008	0,077	FALSE
0,002	0,301	0,000	0,011	0,012	FALSE
-0,045	0,306	-0,002	0,010	0,060	FALSE
-0,196	0,300	-0,005	0,008	0,292	FALSE
0,095	0,311	0,002	0,007	0,104	FALSE
-0,083	0,296	-0,003	0,011	0,116	FALSE
0,109	0,307	0,002	0,007	0,127	FALSE
0,051	0,315	0,001	0,009	0,030	FALSE
-0,009	0,292	0,000	0,012	0,011	FALSE

0,094	0,293	0,003	0,008	0,134	FALSE
-0,057	0,307	-0,001	0,006	0,050	FALSE
-0,040	0,311	-0,001	0,012	0,042	FALSE
-0,014	0,313	0,000	0,007	0,012	FALSE
-0,053	0,315	-0,002	0,013	0,059	FALSE
-0,060	0,300	-0,003	0,012	0,095	FALSE
-0,082	0,283	-0,001	0,010	0,057	FALSE
0,145	0,300	0,004	0,007	0,234	FALSE
0,116	0,304	0,003	0,010	0,126	FALSE
0,061	0,312	0,002	0,008	0,076	FALSE
0,128	0,309	0,004	0,011	0,156	FALSE
0,005	0,297	0,000	0,012	0,005	FALSE
0,006	0,305	0,000	0,006	0,013	FALSE
0,015	0,288	0,000	0,012	0,014	FALSE
0,005	0,321	0,000	0,013	0,011	FALSE
0,138	0,298	0,003	0,008	0,161	FALSE
0,097	0,319	0,002	0,007	0,126	FALSE
0,027	0,304	0,001	0,012	0,040	FALSE
-0,050	0,300	-0,003	0,013	0,081	FALSE
-0,075	0,301	-0,002	0,007	0,106	FALSE
-0,081	0,291	-0,002	0,007	0,113	FALSE
-0,105	0,297	-0,004	0,009	0,160	FALSE
-0,127	0,310	-0,004	0,010	0,184	FALSE
-0,048	0,304	-0,001	0,011	0,034	FALSE
-0,032	0,308	-0,001	0,007	0,045	FALSE
0,130	0,300	0,004	0,009	0,192	FALSE
0,177	0,292	0,008	0,011	0,299	FALSE
-0,077	0,305	-0,002	0,010	0,083	FALSE
0,091	0,310	0,002	0,007	0,103	FALSE
-0,083	0,323	-0,004	0,013	0,105	FALSE
-0,069	0,302	-0,003	0,012	0,101	FALSE
0,034	0,289	0,001	0,011	0,016	FALSE
0,070	0,298	0,002	0,011	0,058	FALSE
0,069	0,305	0,002	0,011	0,066	FALSE
0,064	0,282	0,001	0,009	0,034	FALSE
0,050	0,306	0,001	0,006	0,057	FALSE
0,092	0,300	0,002	0,006	0,129	FALSE
0,209	0,279	0,008	0,010	0,362	FALSE
0,032	0,301	0,001	0,007	0,041	FALSE
0,151	0,289	0,006	0,011	0,235	FALSE
0,077	0,297	0,002	0,009	0,098	FALSE
-0,079	0,315	-0,003	0,012	0,090	FALSE
0,009	0,305	0,000	0,008	0,006	FALSE
-0,044	0,319	-0,002	0,013	0,055	FALSE
-0,037	0,320	-0,002	0,013	0,050	FALSE
0,010	0,288	0,001	0,011	0,042	FALSE
0,004	0,313	0,001	0,009	0,031	FALSE
0,001	0,311	-0,001	0,011	0,017	FALSE
0,016	0,310	0,000	0,010	0,012	FALSE
-0,038	0,329	-0,001	0,009	0,046	FALSE
-0,063	0,306	-0,002	0,008	0,078	FALSE
0,013	0,301	0,001	0,007	0,039	FALSE
0,000	0,310	0,000	0,012	0,010	FALSE

-0,032	0,309	-0,001	0,006	0,055	FALSE
-0,058	0,310	-0,002	0,009	0,111	FALSE
0,033	0,311	0,000	0,008	0,002	FALSE
-0,065	0,319	-0,001	0,008	0,057	FALSE
-0,083	0,308	-0,003	0,009	0,127	FALSE
0,051	0,313	0,001	0,006	0,076	FALSE
0,033	0,321	0,002	0,010	0,060	FALSE
0,040	0,319	0,002	0,010	0,068	FALSE
-0,121	0,322	-0,004	0,010	0,152	FALSE
-0,096	0,305	-0,004	0,010	0,140	FALSE
-0,086	0,307	-0,004	0,011	0,125	FALSE
-0,133	0,296	-0,004	0,011	0,158	FALSE
-0,049	0,295	-0,001	0,007	0,075	FALSE
0,129	0,309	0,003	0,008	0,137	FALSE
0,069	0,303	0,001	0,008	0,061	FALSE
0,053	0,313	0,002	0,008	0,082	FALSE
0,156	0,301	0,004	0,008	0,190	FALSE
-0,101	0,288	-0,004	0,009	0,165	FALSE
-0,138	0,292	-0,005	0,009	0,221	FALSE
0,003	0,297	-0,001	0,012	0,031	FALSE
-0,008	0,292	-0,001	0,012	0,027	FALSE
-0,068	0,315	-0,002	0,010	0,056	FALSE
-0,023	0,301	-0,001	0,011	0,027	FALSE
-0,011	0,318	0,000	0,009	0,008	FALSE
-0,011	0,315	0,000	0,013	0,004	FALSE
-0,022	0,317	0,000	0,008	0,013	FALSE
-0,011	0,291	-0,001	0,009	0,038	FALSE
-0,021	0,308	0,000	0,010	0,000	FALSE
-0,090	0,308	-0,002	0,007	0,112	FALSE
-0,066	0,308	-0,003	0,012	0,083	FALSE
-0,128	0,306	-0,003	0,007	0,191	FALSE
0,091	0,313	0,002	0,008	0,096	FALSE
-0,016	0,310	-0,001	0,008	0,031	FALSE
0,017	0,297	0,001	0,012	0,037	FALSE
0,030	0,305	0,002	0,012	0,049	FALSE
0,021	0,307	0,001	0,012	0,033	FALSE
0,011	0,319	0,001	0,013	0,025	FALSE
0,042	0,309	0,001	0,011	0,040	FALSE
-0,059	0,310	-0,002	0,012	0,079	FALSE
0,103	0,318	0,004	0,013	0,138	FALSE
-0,040	0,317	-0,002	0,011	0,057	FALSE
0,031	0,302	0,001	0,009	0,050	FALSE
0,031	0,289	0,000	0,006	0,012	FALSE
0,024	0,302	0,001	0,007	0,037	FALSE
0,061	0,307	0,003	0,012	0,088	FALSE
0,049	0,317	0,002	0,013	0,057	FALSE
-0,073	0,317	-0,003	0,011	0,120	FALSE
-0,030	0,303	-0,001	0,007	0,057	FALSE
0,001	0,311	0,000	0,008	0,007	FALSE
0,002	0,304	0,000	0,007	0,001	FALSE
0,027	0,309	0,001	0,007	0,045	FALSE
0,036	0,312	0,002	0,011	0,066	FALSE
-0,046	0,322	-0,002	0,011	0,086	FALSE

0,012	0,314	0,001	0,010	0,027	FALSE
-0,031	0,316	-0,001	0,011	0,027	FALSE
-0,011	0,307	0,001	0,008	0,024	FALSE
-0,065	0,311	-0,001	0,007	0,052	FALSE
0,005	0,298	0,000	0,006	0,009	FALSE
0,046	0,298	0,001	0,006	0,050	FALSE
-0,001	0,298	0,000	0,012	0,002	FALSE
-0,051	0,301	-0,001	0,008	0,049	FALSE
0,065	0,317	0,002	0,011	0,067	FALSE
0,048	0,312	0,001	0,009	0,062	FALSE
0,069	0,308	0,002	0,010	0,055	FALSE
0,004	0,292	0,000	0,012	0,013	FALSE
0,057	0,312	0,001	0,006	0,040	FALSE
-0,023	0,317	-0,001	0,012	0,033	FALSE
0,038	0,294	0,001	0,006	0,042	FALSE
-0,011	0,304	-0,001	0,012	0,017	FALSE
0,003	0,308	0,000	0,012	0,012	FALSE
-0,009	0,310	-0,001	0,007	0,032	FALSE
-0,044	0,307	-0,001	0,008	0,049	FALSE
-0,085	0,308	-0,003	0,013	0,092	FALSE
-0,050	0,301	-0,002	0,008	0,089	FALSE
-0,075	0,312	-0,003	0,009	0,111	FALSE
-0,014	0,300	0,000	0,006	0,005	FALSE
-0,045	0,310	-0,001	0,007	0,052	FALSE
0,179	0,293	0,007	0,010	0,298	FALSE
0,118	0,322	0,003	0,008	0,145	FALSE
-0,030	0,313	-0,001	0,011	0,039	FALSE
-0,056	0,311	-0,001	0,009	0,058	FALSE
-0,100	0,308	-0,004	0,011	0,149	FALSE
-0,078	0,303	-0,003	0,009	0,121	FALSE
-0,041	0,297	-0,001	0,006	0,076	FALSE
-0,031	0,311	-0,001	0,007	0,054	FALSE
0,053	0,299	0,001	0,006	0,069	FALSE
0,094	0,316	0,002	0,008	0,104	FALSE
0,029	0,310	0,001	0,010	0,032	FALSE
-0,202	0,298	-0,005	0,008	0,262	FALSE
0,094	0,319	0,002	0,009	0,099	FALSE
-0,015	0,314	-0,001	0,011	0,031	FALSE
-0,076	0,310	-0,002	0,010	0,082	FALSE
0,060	0,317	0,002	0,012	0,060	FALSE
0,004	0,321	0,000	0,013	0,011	FALSE
0,009	0,320	0,000	0,006	0,023	FALSE
-0,067	0,312	-0,002	0,011	0,086	FALSE
0,005	0,304	0,000	0,007	0,010	FALSE
0,064	0,302	0,003	0,010	0,134	FALSE
0,180	0,292	0,006	0,011	0,228	FALSE
-0,011	0,308	-0,001	0,011	0,017	FALSE
0,109	0,308	0,002	0,007	0,122	FALSE
0,095	0,289	0,002	0,007	0,129	FALSE
0,005	0,309	0,000	0,010	0,003	FALSE
-0,059	0,326	-0,002	0,008	0,069	FALSE
0,063	0,307	0,003	0,011	0,111	FALSE
0,100	0,304	0,002	0,007	0,136	FALSE

0,053	0,318	0,001	0,007	0,032	FALSE
0,117	0,306	0,003	0,008	0,166	FALSE
0,028	0,298	0,002	0,009	0,073	FALSE
-0,076	0,311	-0,002	0,008	0,103	FALSE
0,011	0,297	0,001	0,008	0,029	FALSE
0,082	0,296	0,002	0,006	0,148	FALSE
-0,095	0,305	-0,005	0,011	0,173	FALSE
-0,114	0,295	-0,005	0,011	0,175	FALSE
-0,011	0,293	-0,001	0,008	0,044	FALSE
-0,035	0,314	-0,001	0,010	0,047	FALSE
0,004	0,316	0,000	0,012	0,013	FALSE
0,039	0,319	0,001	0,007	0,051	FALSE
-0,040	0,307	-0,001	0,011	0,044	FALSE
0,031	0,295	0,001	0,012	0,043	FALSE
0,021	0,307	0,001	0,010	0,031	FALSE
0,025	0,303	0,002	0,011	0,059	FALSE
0,023	0,312	0,001	0,007	0,041	FALSE
-0,056	0,301	-0,003	0,012	0,082	FALSE
0,048	0,305	0,001	0,006	0,062	FALSE
-0,124	0,305	-0,004	0,012	0,141	FALSE
0,049	0,312	0,001	0,007	0,066	FALSE
0,040	0,314	0,001	0,006	0,065	FALSE
-0,020	0,312	0,000	0,009	0,010	FALSE
0,049	0,311	0,001	0,011	0,050	FALSE
-0,001	0,297	0,000	0,007	0,006	FALSE
-0,039	0,297	-0,001	0,009	0,054	FALSE
0,134	0,305	0,003	0,006	0,207	FALSE
0,097	0,306	0,002	0,008	0,102	FALSE
0,058	0,303	0,001	0,008	0,042	FALSE
0,084	0,289	0,002	0,008	0,076	FALSE
-0,059	0,311	-0,002	0,010	0,085	FALSE
0,043	0,330	0,001	0,007	0,053	FALSE
0,017	0,307	0,001	0,007	0,027	FALSE
-0,007	0,326	0,000	0,012	0,002	FALSE
0,037	0,322	0,001	0,007	0,036	FALSE
0,089	0,311	0,002	0,007	0,102	FALSE
0,094	0,313	0,002	0,007	0,118	FALSE
-0,019	0,311	-0,001	0,007	0,027	FALSE
0,002	0,313	0,000	0,012	0,007	FALSE
-0,069	0,305	-0,002	0,007	0,115	FALSE
0,032	0,302	0,001	0,007	0,047	FALSE
0,102	0,307	0,003	0,011	0,095	FALSE
-0,158	0,298	-0,005	0,011	0,195	FALSE
-0,128	0,304	-0,004	0,009	0,186	FALSE
-0,145	0,304	-0,004	0,008	0,186	FALSE
0,071	0,309	0,002	0,007	0,104	FALSE
0,069	0,291	0,002	0,009	0,095	FALSE
-0,047	0,306	-0,001	0,007	0,071	FALSE
0,042	0,309	0,001	0,006	0,057	FALSE
0,020	0,278	0,000	0,009	0,007	FALSE
0,000	0,309	-0,002	0,010	0,057	FALSE
0,092	0,305	0,004	0,012	0,151	FALSE
-0,071	0,308	-0,001	0,009	0,064	FALSE

-0,061	0,312	-0,002	0,009	0,069	FALSE
0,107	0,308	0,005	0,012	0,164	FALSE
-0,050	0,330	-0,002	0,012	0,048	FALSE
-0,047	0,318	-0,002	0,011	0,058	FALSE
-0,046	0,296	0,000	0,007	0,004	FALSE
-0,135	0,299	-0,003	0,008	0,153	FALSE
-0,118	0,306	-0,003	0,008	0,149	FALSE
-0,111	0,312	-0,003	0,009	0,142	FALSE
-0,020	0,319	0,000	0,007	0,017	FALSE
-0,043	0,318	-0,002	0,012	0,067	FALSE
0,036	0,324	0,000	0,011	0,012	FALSE
0,039	0,316	0,001	0,011	0,023	FALSE
0,031	0,314	0,001	0,012	0,023	FALSE
0,057	0,304	0,002	0,011	0,067	FALSE
-0,025	0,310	-0,001	0,012	0,039	FALSE
0,089	0,302	0,002	0,007	0,085	FALSE
0,124	0,306	0,005	0,011	0,172	FALSE
0,161	0,296	0,006	0,010	0,257	FALSE
-0,084	0,297	-0,003	0,008	0,134	FALSE
0,000	0,309	0,000	0,006	0,006	FALSE
0,004	0,313	0,000	0,009	0,009	FALSE
-0,058	0,299	-0,001	0,007	0,028	FALSE
-0,017	0,294	0,000	0,006	0,004	FALSE
-0,050	0,314	-0,001	0,007	0,057	FALSE
0,025	0,313	0,000	0,013	0,002	FALSE
-0,030	0,315	-0,001	0,010	0,034	FALSE
0,045	0,301	0,002	0,009	0,071	FALSE
-0,012	0,305	0,000	0,009	0,011	FALSE
-0,183	0,306	-0,004	0,007	0,261	FALSE
-0,014	0,292	-0,002	0,011	0,049	FALSE
-0,041	0,316	-0,002	0,009	0,082	FALSE
-0,131	0,309	-0,004	0,010	0,160	FALSE
-0,095	0,317	-0,003	0,011	0,108	FALSE
0,031	0,313	0,001	0,009	0,046	FALSE
0,030	0,322	0,001	0,010	0,038	FALSE
0,041	0,310	0,001	0,010	0,043	FALSE
0,168	0,290	0,005	0,009	0,206	FALSE
-0,065	0,301	-0,002	0,006	0,093	FALSE
-0,018	0,322	0,000	0,008	0,018	FALSE
-0,002	0,311	0,000	0,009	0,014	FALSE
-0,024	0,309	-0,001	0,011	0,020	FALSE
-0,026	0,313	-0,001	0,009	0,046	FALSE
0,000	0,321	0,000	0,008	0,009	FALSE
-0,006	0,303	0,000	0,012	0,010	FALSE
0,023	0,313	0,001	0,010	0,019	FALSE
0,025	0,312	0,001	0,010	0,030	FALSE
-0,002	0,305	0,000	0,009	0,001	FALSE
0,046	0,319	0,002	0,008	0,071	FALSE
0,011	0,309	0,000	0,009	0,003	FALSE
-0,069	0,303	-0,002	0,009	0,080	FALSE
-0,037	0,299	-0,002	0,012	0,066	FALSE
-0,065	0,297	-0,002	0,008	0,101	FALSE
-0,036	0,314	-0,002	0,011	0,060	FALSE

0,179	0,301	0,007	0,010	0,302	FALSE
0,235	0,301	0,006	0,008	0,371	FALSE
-0,031	0,313	0,000	0,008	0,010	FALSE
-0,008	0,320	0,000	0,008	0,010	FALSE
0,016	0,312	0,001	0,010	0,028	FALSE
-0,068	0,303	-0,001	0,007	0,067	FALSE
-0,037	0,316	0,000	0,008	0,022	FALSE
-0,050	0,303	-0,001	0,008	0,063	FALSE
0,021	0,313	0,001	0,011	0,027	FALSE
-0,104	0,313	-0,004	0,013	0,130	FALSE
-0,034	0,312	-0,001	0,011	0,026	FALSE
-0,139	0,308	-0,003	0,007	0,158	FALSE
0,040	0,315	0,001	0,006	0,073	FALSE
-0,046	0,320	-0,001	0,007	0,077	FALSE
-0,013	0,312	-0,001	0,009	0,026	FALSE
0,039	0,301	0,001	0,008	0,045	FALSE
0,075	0,315	0,002	0,011	0,087	FALSE
-0,043	0,303	-0,001	0,007	0,067	FALSE
-0,070	0,313	-0,002	0,009	0,071	FALSE
0,002	0,306	0,000	0,006	0,003	FALSE
0,092	0,313	0,002	0,009	0,092	FALSE
0,010	0,299	0,000	0,012	0,008	FALSE
-0,016	0,305	-0,001	0,012	0,026	FALSE
-0,006	0,310	0,000	0,007	0,016	FALSE
-0,018	0,310	0,000	0,006	0,006	FALSE
0,206	0,298	0,007	0,011	0,309	FALSE
-0,049	0,301	-0,002	0,012	0,054	FALSE
0,083	0,293	0,002	0,006	0,119	FALSE
-0,034	0,312	-0,002	0,012	0,051	FALSE
-0,109	0,319	-0,004	0,009	0,168	FALSE
-0,120	0,296	-0,002	0,008	0,109	FALSE
0,081	0,314	0,002	0,007	0,123	FALSE
-0,057	0,306	-0,002	0,010	0,073	FALSE
0,134	0,297	0,003	0,008	0,147	FALSE
-0,014	0,316	-0,001	0,012	0,024	FALSE
0,046	0,301	0,001	0,008	0,035	FALSE
-0,108	0,301	-0,003	0,009	0,131	FALSE
0,077	0,298	0,003	0,011	0,100	FALSE
-0,097	0,309	-0,002	0,006	0,121	FALSE
-0,003	0,307	0,000	0,012	0,005	FALSE
0,003	0,309	0,000	0,007	0,021	FALSE
-0,088	0,303	-0,003	0,008	0,143	FALSE
-0,058	0,310	-0,002	0,010	0,071	FALSE
-0,071	0,314	-0,002	0,009	0,079	FALSE
0,062	0,314	0,002	0,013	0,069	FALSE
-0,056	0,305	-0,002	0,012	0,065	FALSE
-0,104	0,302	-0,003	0,008	0,153	FALSE
0,014	0,294	0,000	0,007	0,025	FALSE
-0,031	0,311	-0,001	0,007	0,039	FALSE
0,028	0,297	0,001	0,011	0,020	FALSE
0,094	0,313	0,002	0,007	0,128	FALSE
0,070	0,314	0,002	0,008	0,087	FALSE
-0,030	0,300	-0,001	0,013	0,041	FALSE

0,041	0,315	0,001	0,007	0,040	FALSE
-0,028	0,315	-0,002	0,011	0,056	FALSE
0,020	0,317	0,001	0,006	0,036	FALSE
0,026	0,313	0,001	0,008	0,028	FALSE
-0,074	0,295	-0,003	0,008	0,122	FALSE
0,011	0,301	0,000	0,007	0,025	FALSE
0,007	0,301	0,000	0,008	0,010	FALSE
0,035	0,311	0,001	0,008	0,040	FALSE
-0,012	0,314	-0,001	0,010	0,052	FALSE
-0,034	0,302	-0,001	0,009	0,055	FALSE
-0,056	0,316	-0,002	0,010	0,078	FALSE
0,024	0,317	0,001	0,008	0,048	FALSE
0,013	0,319	0,001	0,008	0,027	FALSE
-0,067	0,302	-0,001	0,007	0,076	FALSE
0,028	0,314	0,001	0,007	0,041	FALSE
0,029	0,324	0,001	0,007	0,032	FALSE
0,162	0,306	0,006	0,012	0,213	FALSE
-0,088	0,317	-0,003	0,011	0,096	FALSE
0,034	0,311	0,001	0,007	0,063	FALSE
0,001	0,311	0,001	0,007	0,043	FALSE
-0,013	0,307	-0,001	0,012	0,038	FALSE
0,058	0,305	0,002	0,010	0,060	FALSE
-0,065	0,303	-0,002	0,010	0,094	FALSE
-0,084	0,306	-0,004	0,013	0,125	FALSE
-0,084	0,313	-0,004	0,013	0,109	FALSE
-0,045	0,303	-0,001	0,011	0,044	FALSE
-0,037	0,298	-0,002	0,011	0,071	FALSE
-0,044	0,328	-0,002	0,013	0,049	FALSE
0,044	0,315	0,001	0,009	0,033	FALSE
-0,022	0,308	0,000	0,007	0,020	FALSE
-0,041	0,308	-0,001	0,008	0,038	FALSE
-0,084	0,309	-0,003	0,011	0,111	FALSE
-0,004	0,294	0,000	0,008	0,010	FALSE
0,041	0,313	0,001	0,012	0,041	FALSE
0,004	0,303	0,000	0,007	0,008	FALSE
-0,054	0,316	-0,002	0,012	0,067	FALSE
0,046	0,294	0,002	0,012	0,054	FALSE
0,092	0,306	0,004	0,012	0,112	FALSE
0,042	0,321	0,001	0,011	0,033	FALSE
-0,039	0,300	-0,001	0,006	0,045	FALSE
-0,040	0,296	-0,002	0,012	0,069	FALSE
0,046	0,302	0,003	0,013	0,076	FALSE
-0,001	0,310	0,000	0,010	0,009	FALSE
0,172	0,286	0,005	0,008	0,291	FALSE
0,191	0,303	0,004	0,007	0,268	FALSE
0,196	0,302	0,005	0,007	0,281	FALSE
-0,054	0,312	-0,002	0,009	0,088	FALSE
0,034	0,308	0,000	0,011	0,015	FALSE
-0,074	0,300	-0,002	0,007	0,109	FALSE
-0,048	0,309	-0,003	0,012	0,080	FALSE
-0,060	0,308	-0,003	0,011	0,086	FALSE
0,187	0,288	0,004	0,007	0,295	FALSE
0,131	0,290	0,004	0,007	0,219	FALSE

0,140	0,292	0,006	0,012	0,227	FALSE
-0,072	0,300	-0,003	0,010	0,110	FALSE
0,019	0,313	0,000	0,007	0,022	FALSE
0,025	0,307	0,001	0,007	0,046	FALSE
-0,034	0,307	-0,001	0,008	0,048	FALSE
0,107	0,304	0,004	0,010	0,167	FALSE
-0,083	0,316	-0,003	0,008	0,132	FALSE
-0,072	0,290	-0,003	0,011	0,102	FALSE
0,167	0,306	0,003	0,006	0,231	FALSE
0,099	0,305	0,003	0,009	0,136	FALSE
-0,075	0,302	-0,002	0,007	0,116	FALSE
0,052	0,314	0,001	0,007	0,064	FALSE
0,053	0,322	0,001	0,007	0,058	FALSE
-0,121	0,295	-0,003	0,007	0,147	FALSE
-0,019	0,311	-0,002	0,012	0,054	FALSE
0,026	0,297	0,001	0,008	0,031	FALSE
-0,048	0,291	-0,001	0,007	0,048	FALSE
-0,098	0,302	-0,002	0,007	0,101	FALSE
0,049	0,315	0,002	0,012	0,059	FALSE
-0,098	0,294	-0,003	0,007	0,159	FALSE
-0,120	0,292	-0,004	0,008	0,221	FALSE
-0,022	0,305	-0,001	0,008	0,040	FALSE
-0,051	0,301	-0,003	0,009	0,114	FALSE
0,029	0,301	0,002	0,013	0,048	FALSE
0,043	0,317	0,001	0,013	0,031	FALSE
0,075	0,296	0,002	0,007	0,096	FALSE
0,160	0,287	0,006	0,008	0,309	FALSE
-0,130	0,307	-0,003	0,008	0,132	FALSE
0,086	0,308	0,002	0,009	0,088	FALSE
-0,153	0,311	-0,004	0,009	0,197	FALSE
-0,163	0,300	-0,004	0,008	0,230	FALSE
0,030	0,297	0,001	0,012	0,043	FALSE
-0,119	0,305	-0,002	0,006	0,159	FALSE
-0,035	0,308	-0,001	0,007	0,059	FALSE
0,046	0,298	0,002	0,011	0,059	FALSE
0,050	0,299	0,001	0,007	0,077	FALSE
0,050	0,293	0,002	0,007	0,089	FALSE
-0,109	0,304	-0,003	0,008	0,151	FALSE
0,040	0,313	0,002	0,011	0,056	FALSE
0,132	0,313	0,004	0,012	0,149	FALSE
0,006	0,321	0,001	0,008	0,031	FALSE
-0,079	0,308	-0,002	0,009	0,104	FALSE
-0,078	0,306	-0,003	0,008	0,118	FALSE
-0,076	0,308	-0,003	0,009	0,121	FALSE
-0,060	0,302	-0,002	0,010	0,063	FALSE
-0,001	0,316	0,000	0,007	0,020	FALSE
0,000	0,296	0,000	0,007	0,010	FALSE
0,085	0,310	0,002	0,008	0,078	FALSE
0,057	0,309	0,002	0,010	0,062	FALSE
0,153	0,292	0,007	0,011	0,262	FALSE
-0,102	0,320	-0,004	0,011	0,145	FALSE
0,127	0,308	0,005	0,012	0,182	FALSE
0,130	0,304	0,005	0,011	0,188	FALSE

-0,102	0,308	-0,003	0,011	0,128	FALSE
-0,020	0,300	-0,001	0,010	0,031	FALSE
0,016	0,305	-0,001	0,013	0,014	FALSE
0,008	0,321	-0,001	0,013	0,018	FALSE
0,118	0,302	0,005	0,012	0,159	FALSE
0,006	0,308	0,002	0,012	0,044	FALSE
0,034	0,301	0,001	0,007	0,048	FALSE
0,043	0,311	0,002	0,011	0,054	FALSE
0,002	0,311	0,000	0,007	0,010	FALSE
-0,007	0,304	0,001	0,011	0,025	FALSE
-0,003	0,305	0,000	0,008	0,007	FALSE
0,008	0,302	0,000	0,007	0,005	FALSE
0,086	0,298	0,002	0,009	0,099	FALSE
-0,087	0,316	-0,003	0,010	0,092	FALSE
0,042	0,305	0,001	0,008	0,028	FALSE
0,121	0,309	0,006	0,012	0,189	FALSE
-0,016	0,311	-0,001	0,010	0,042	FALSE
0,026	0,291	0,002	0,011	0,051	FALSE
-0,051	0,299	-0,002	0,012	0,064	FALSE
0,077	0,304	0,003	0,013	0,087	FALSE
0,045	0,301	0,001	0,013	0,030	FALSE
-0,039	0,314	-0,003	0,013	0,087	FALSE
0,068	0,302	0,002	0,007	0,123	FALSE
0,066	0,301	0,002	0,007	0,120	FALSE
0,059	0,303	0,002	0,007	0,111	FALSE
-0,031	0,300	0,000	0,008	0,018	FALSE
-0,027	0,303	-0,001	0,011	0,020	FALSE
-0,034	0,297	-0,001	0,008	0,035	FALSE
0,061	0,311	0,001	0,009	0,033	FALSE
-0,037	0,307	-0,001	0,006	0,062	FALSE
-0,084	0,307	-0,002	0,008	0,116	TRUE
-0,113	0,317	-0,003	0,007	0,153	FALSE
-0,132	0,298	-0,005	0,012	0,177	FALSE
0,063	0,304	0,002	0,007	0,087	FALSE
-0,004	0,298	0,000	0,011	0,007	FALSE
-0,097	0,301	-0,005	0,012	0,157	FALSE
0,013	0,323	0,001	0,013	0,032	FALSE
-0,021	0,298	0,000	0,008	0,012	FALSE
-0,085	0,311	-0,002	0,006	0,106	FALSE
0,037	0,322	0,001	0,009	0,020	FALSE
-0,106	0,286	-0,002	0,006	0,124	FALSE
-0,122	0,302	-0,005	0,011	0,181	FALSE
-0,017	0,306	0,000	0,009	0,002	FALSE
-0,092	0,303	-0,002	0,008	0,088	FALSE
-0,060	0,303	-0,001	0,008	0,054	FALSE
-0,065	0,293	-0,002	0,010	0,066	FALSE
-0,061	0,301	-0,002	0,010	0,062	FALSE
0,146	0,310	0,003	0,006	0,209	FALSE
0,040	0,305	0,001	0,007	0,047	FALSE
-0,038	0,305	-0,001	0,008	0,033	FALSE
0,097	0,308	0,002	0,006	0,102	FALSE
0,067	0,301	0,001	0,007	0,062	FALSE
0,196	0,300	0,008	0,012	0,297	FALSE

0,056	0,315	0,002	0,013	0,061	FALSE
-0,140	0,308	-0,005	0,011	0,191	FALSE
-0,089	0,317	-0,002	0,011	0,085	FALSE
-0,002	0,316	0,000	0,008	0,006	FALSE
-0,085	0,320	-0,002	0,011	0,086	FALSE
-0,103	0,301	-0,003	0,010	0,118	FALSE
0,042	0,311	0,001	0,006	0,046	FALSE
0,035	0,317	0,001	0,006	0,043	FALSE
0,055	0,294	0,001	0,008	0,072	FALSE
0,115	0,301	0,003	0,008	0,182	FALSE
-0,075	0,306	-0,003	0,009	0,134	FALSE
-0,089	0,314	-0,003	0,011	0,110	FALSE
-0,017	0,308	-0,002	0,012	0,060	FALSE
0,003	0,299	0,001	0,007	0,028	FALSE
0,133	0,294	0,004	0,008	0,199	FALSE
0,012	0,293	0,001	0,008	0,028	FALSE
-0,119	0,315	-0,004	0,012	0,143	FALSE
-0,138	0,297	-0,005	0,010	0,203	FALSE
-0,148	0,295	-0,006	0,010	0,234	FALSE
-0,007	0,311	0,000	0,007	0,009	FALSE
-0,041	0,301	-0,002	0,012	0,048	FALSE
-0,012	0,310	-0,001	0,009	0,023	FALSE
0,051	0,289	0,001	0,006	0,070	FALSE
-0,037	0,303	-0,002	0,010	0,086	FALSE
0,000	0,304	0,000	0,009	0,014	FALSE
-0,028	0,312	0,000	0,010	0,010	FALSE
-0,031	0,302	-0,001	0,007	0,026	FALSE
0,174	0,288	0,006	0,010	0,273	FALSE
0,054	0,315	0,002	0,011	0,076	FALSE
-0,057	0,302	-0,003	0,012	0,104	FALSE
-0,094	0,286	-0,003	0,008	0,179	FALSE
0,088	0,306	0,003	0,012	0,106	FALSE
0,042	0,304	0,002	0,012	0,053	FALSE
-0,128	0,315	-0,003	0,007	0,152	FALSE
0,000	0,321	0,000	0,011	0,012	FALSE
-0,094	0,297	-0,003	0,011	0,130	FALSE
0,055	0,286	0,002	0,012	0,070	FALSE
0,098	0,297	0,003	0,008	0,146	FALSE
0,006	0,288	0,000	0,007	0,002	FALSE
0,164	0,284	0,006	0,010	0,250	FALSE
0,270	0,288	0,011	0,012	0,470	FALSE
0,121	0,304	0,004	0,010	0,176	FALSE
0,037	0,313	0,001	0,009	0,045	FALSE
0,104	0,296	0,004	0,010	0,146	FALSE
0,017	0,305	0,001	0,010	0,041	FALSE
0,020	0,303	0,000	0,007	0,026	FALSE
-0,005	0,309	-0,001	0,012	0,034	FALSE
0,029	0,314	0,001	0,009	0,031	FALSE
0,004	0,320	0,000	0,009	0,006	FALSE
0,001	0,317	0,000	0,009	0,007	FALSE
-0,051	0,307	-0,001	0,012	0,042	FALSE
0,089	0,308	0,002	0,007	0,096	FALSE
-0,115	0,297	-0,003	0,007	0,163	FALSE

0,065	0,311	0,001	0,009	0,059	FALSE
-0,073	0,313	-0,002	0,009	0,080	FALSE
-0,152	0,294	-0,005	0,011	0,194	FALSE
-0,009	0,305	0,000	0,009	0,006	FALSE
0,044	0,317	0,002	0,010	0,058	FALSE
0,081	0,306	0,002	0,008	0,117	FALSE
-0,071	0,318	-0,002	0,008	0,075	FALSE
-0,049	0,296	-0,001	0,008	0,053	FALSE
-0,084	0,308	-0,002	0,007	0,110	FALSE
-0,027	0,302	-0,001	0,007	0,067	FALSE
-0,027	0,309	0,000	0,013	0,011	FALSE
-0,039	0,296	-0,001	0,012	0,040	FALSE
-0,174	0,305	-0,006	0,011	0,229	FALSE
0,036	0,316	0,001	0,008	0,054	FALSE
-0,004	0,309	0,000	0,008	0,008	FALSE
0,092	0,309	0,004	0,011	0,157	FALSE
-0,142	0,302	-0,005	0,010	0,191	FALSE
0,095	0,318	0,003	0,011	0,120	FALSE
-0,109	0,303	-0,003	0,008	0,137	FALSE
-0,033	0,286	-0,001	0,010	0,050	FALSE
-0,034	0,283	-0,001	0,010	0,046	FALSE
-0,081	0,305	-0,003	0,012	0,104	FALSE
-0,110	0,302	-0,003	0,009	0,143	FALSE
0,079	0,318	0,002	0,007	0,110	FALSE
0,065	0,315	0,002	0,009	0,070	FALSE
-0,071	0,316	-0,002	0,009	0,073	FALSE
-0,032	0,307	0,000	0,008	0,022	FALSE
0,074	0,304	0,002	0,009	0,076	FALSE
0,072	0,317	0,001	0,007	0,057	FALSE
-0,089	0,309	-0,002	0,009	0,093	FALSE
0,074	0,310	0,003	0,011	0,104	FALSE
-0,159	0,311	-0,005	0,008	0,244	FALSE
-0,053	0,291	-0,001	0,006	0,069	FALSE
-0,104	0,289	-0,004	0,012	0,147	FALSE
-0,149	0,306	-0,005	0,011	0,179	FALSE
-0,046	0,308	-0,001	0,009	0,051	FALSE
-0,003	0,311	0,000	0,007	0,003	FALSE
-0,035	0,293	-0,002	0,011	0,062	FALSE
0,010	0,308	0,000	0,007	0,016	FALSE
-0,024	0,308	0,000	0,006	0,027	FALSE
0,035	0,305	0,000	0,011	0,014	FALSE
-0,035	0,307	-0,001	0,009	0,052	FALSE
-0,057	0,302	-0,002	0,009	0,088	FALSE
0,039	0,308	0,001	0,007	0,044	FALSE
-0,045	0,314	-0,002	0,012	0,075	FALSE
0,065	0,296	0,003	0,009	0,114	FALSE
0,015	0,309	0,000	0,012	0,008	FALSE
-0,017	0,303	-0,001	0,008	0,054	FALSE
0,036	0,309	0,001	0,012	0,026	FALSE
-0,050	0,308	-0,001	0,012	0,044	FALSE
0,078	0,311	0,002	0,008	0,107	FALSE
-0,105	0,305	-0,004	0,013	0,127	FALSE
0,074	0,306	0,002	0,011	0,080	FALSE

-0,056	0,312	-0,002	0,009	0,064	FALSE
0,066	0,313	0,002	0,011	0,069	FALSE
0,052	0,322	0,002	0,011	0,055	FALSE
0,077	0,310	0,002	0,011	0,087	FALSE
0,018	0,311	0,000	0,007	0,003	FALSE
-0,004	0,304	0,000	0,006	0,014	FALSE
0,004	0,307	0,001	0,011	0,037	FALSE
0,062	0,305	0,003	0,011	0,103	FALSE
-0,010	0,308	-0,001	0,009	0,043	FALSE
0,001	0,312	-0,001	0,009	0,020	FALSE
0,073	0,310	0,002	0,010	0,089	FALSE
0,001	0,312	0,000	0,012	0,011	FALSE
0,060	0,317	0,003	0,012	0,093	FALSE
0,003	0,310	0,000	0,012	0,008	FALSE
0,037	0,307	0,001	0,006	0,067	FALSE
-0,022	0,302	-0,001	0,008	0,053	FALSE
0,033	0,303	0,001	0,006	0,046	FALSE
-0,061	0,322	-0,002	0,007	0,085	FALSE
0,060	0,302	0,001	0,012	0,043	FALSE
-0,060	0,311	-0,002	0,008	0,097	FALSE
0,073	0,321	0,001	0,007	0,065	FALSE
-0,062	0,292	-0,002	0,012	0,048	FALSE
0,012	0,308	0,000	0,008	0,005	FALSE
-0,029	0,313	0,000	0,008	0,009	FALSE
-0,188	0,304	-0,005	0,009	0,275	FALSE
0,033	0,323	0,000	0,011	0,001	FALSE
0,006	0,305	0,000	0,012	0,004	FALSE
0,008	0,301	0,000	0,007	0,003	FALSE
0,075	0,312	0,003	0,012	0,081	FALSE
0,006	0,305	0,000	0,010	0,010	FALSE
-0,202	0,294	-0,009	0,012	0,317	FALSE
0,025	0,304	0,001	0,011	0,036	FALSE
0,016	0,306	0,000	0,006	0,014	FALSE
0,007	0,296	0,000	0,006	0,003	FALSE
-0,032	0,298	-0,002	0,010	0,059	FALSE
0,113	0,296	0,004	0,012	0,142	FALSE
0,062	0,304	0,002	0,013	0,060	FALSE
0,086	0,298	0,003	0,012	0,114	FALSE
-0,080	0,304	-0,002	0,007	0,116	FALSE
0,083	0,312	0,003	0,008	0,129	FALSE
-0,034	0,312	-0,001	0,011	0,047	FALSE
-0,052	0,303	-0,001	0,009	0,047	FALSE
-0,067	0,311	-0,002	0,009	0,081	FALSE
-0,027	0,320	-0,001	0,008	0,053	FALSE
0,015	0,315	0,000	0,007	0,001	FALSE
-0,131	0,311	-0,004	0,009	0,173	FALSE
0,041	0,310	0,001	0,008	0,041	FALSE
0,060	0,298	0,001	0,007	0,054	FALSE
-0,046	0,304	-0,001	0,012	0,039	FALSE
0,157	0,287	0,004	0,007	0,218	FALSE
0,003	0,286	-0,001	0,011	0,032	FALSE
0,024	0,306	0,001	0,007	0,039	FALSE
-0,058	0,299	-0,002	0,009	0,070	FALSE

-0,020	0,291	-0,001	0,009	0,023	FALSE
0,032	0,313	0,001	0,013	0,035	FALSE
-0,042	0,296	-0,001	0,006	0,034	FALSE
-0,013	0,305	0,000	0,010	0,009	FALSE
0,201	0,293	0,005	0,009	0,247	FALSE
-0,009	0,310	0,000	0,010	0,001	FALSE
-0,014	0,309	-0,001	0,007	0,038	FALSE
0,003	0,305	0,000	0,007	0,017	FALSE
0,013	0,310	0,001	0,010	0,022	FALSE
0,055	0,301	0,001	0,011	0,046	FALSE
0,066	0,294	0,002	0,011	0,070	FALSE
-0,056	0,298	-0,002	0,009	0,075	FALSE
0,099	0,299	0,004	0,011	0,151	FALSE
-0,075	0,313	-0,002	0,008	0,081	FALSE
-0,110	0,310	-0,003	0,009	0,128	FALSE
0,099	0,287	0,002	0,007	0,118	FALSE
-0,039	0,302	-0,001	0,007	0,073	FALSE
0,099	0,304	0,004	0,012	0,119	FALSE
0,101	0,314	0,002	0,006	0,140	FALSE
-0,095	0,294	-0,002	0,006	0,120	FALSE
0,102	0,304	0,002	0,006	0,099	FALSE
-0,165	0,293	-0,004	0,008	0,224	FALSE
-0,046	0,305	-0,002	0,011	0,069	FALSE
-0,024	0,315	-0,001	0,007	0,032	FALSE
-0,024	0,302	0,000	0,011	0,014	FALSE
-0,049	0,297	-0,002	0,012	0,079	FALSE
-0,048	0,301	-0,001	0,009	0,031	FALSE
-0,089	0,321	-0,002	0,008	0,093	FALSE
0,022	0,299	0,000	0,010	0,011	FALSE
0,022	0,316	0,001	0,009	0,025	FALSE
-0,076	0,300	-0,004	0,012	0,115	FALSE
0,036	0,296	0,001	0,011	0,049	FALSE
-0,037	0,302	-0,001	0,009	0,021	FALSE
0,016	0,294	-0,001	0,007	0,028	FALSE
0,021	0,305	0,001	0,006	0,059	FALSE
-0,005	0,308	-0,001	0,009	0,026	FALSE
-0,097	0,307	-0,002	0,008	0,106	FALSE
-0,087	0,310	-0,002	0,008	0,095	FALSE
-0,100	0,303	-0,004	0,012	0,120	FALSE
-0,073	0,318	-0,002	0,008	0,103	FALSE
-0,008	0,307	0,001	0,012	0,028	FALSE
-0,007	0,304	0,001	0,012	0,031	FALSE
0,005	0,299	0,000	0,007	0,014	FALSE
-0,061	0,304	-0,002	0,009	0,095	FALSE
0,148	0,294	0,005	0,009	0,215	FALSE
0,071	0,308	0,003	0,012	0,111	FALSE
0,029	0,301	0,000	0,006	0,014	FALSE
0,048	0,315	0,001	0,006	0,032	FALSE
-0,065	0,311	-0,003	0,010	0,102	FALSE
-0,047	0,303	-0,001	0,007	0,050	FALSE
0,103	0,302	0,004	0,011	0,154	FALSE
0,069	0,313	0,001	0,006	0,085	FALSE
0,080	0,294	0,002	0,008	0,106	FALSE

0,025	0,309	0,000	0,009	0,014	FALSE
-0,108	0,309	-0,004	0,011	0,147	FALSE
-0,211	0,282	-0,008	0,012	0,320	FALSE
-0,179	0,310	-0,004	0,007	0,236	FALSE
-0,022	0,308	-0,001	0,007	0,060	FALSE
0,008	0,308	0,000	0,010	0,011	FALSE
0,072	0,299	0,003	0,012	0,099	FALSE
0,025	0,302	0,001	0,007	0,034	FALSE
-0,035	0,313	-0,002	0,011	0,059	FALSE
0,030	0,312	0,001	0,007	0,060	FALSE
0,036	0,312	0,001	0,007	0,070	FALSE
0,028	0,306	0,001	0,012	0,024	FALSE
0,043	0,303	0,000	0,007	0,005	FALSE
-0,110	0,313	-0,003	0,007	0,145	FALSE
-0,163	0,304	-0,006	0,011	0,229	FALSE
0,174	0,281	0,005	0,007	0,322	FALSE
0,223	0,290	0,007	0,008	0,404	FALSE
-0,122	0,322	-0,005	0,012	0,157	FALSE
-0,003	0,309	0,000	0,007	0,008	FALSE
0,035	0,305	0,001	0,009	0,047	FALSE
0,096	0,303	0,003	0,010	0,120	FALSE
-0,039	0,309	0,000	0,008	0,004	FALSE
-0,093	0,317	-0,003	0,009	0,138	FALSE
-0,032	0,314	-0,001	0,007	0,056	FALSE
0,054	0,295	0,003	0,012	0,082	FALSE
-0,066	0,308	-0,001	0,008	0,067	FALSE
-0,007	0,302	-0,002	0,012	0,051	FALSE
-0,164	0,299	-0,004	0,008	0,232	FALSE
-0,186	0,305	-0,005	0,008	0,248	FALSE
-0,004	0,299	0,000	0,010	0,006	FALSE
0,087	0,294	0,003	0,010	0,108	FALSE
0,097	0,300	0,003	0,010	0,132	FALSE
-0,115	0,296	-0,006	0,012	0,203	FALSE
0,042	0,304	0,002	0,010	0,079	FALSE
-0,005	0,301	0,000	0,007	0,001	FALSE
0,085	0,304	0,003	0,011	0,104	FALSE
-0,073	0,301	-0,004	0,010	0,176	FALSE
0,080	0,291	0,004	0,012	0,127	FALSE
0,091	0,292	0,002	0,007	0,089	FALSE
-0,075	0,314	-0,002	0,009	0,066	FALSE
0,013	0,320	0,000	0,008	0,002	FALSE
0,074	0,306	0,003	0,012	0,095	FALSE
0,088	0,309	0,004	0,013	0,110	FALSE
0,022	0,318	0,000	0,007	0,019	FALSE
-0,079	0,292	-0,003	0,010	0,102	FALSE
-0,080	0,313	-0,002	0,007	0,121	FALSE
-0,011	0,296	0,000	0,007	0,015	FALSE
0,085	0,313	0,004	0,013	0,110	FALSE
0,042	0,300	0,000	0,007	0,019	FALSE
-0,056	0,301	-0,002	0,013	0,060	FALSE
-0,057	0,317	-0,001	0,008	0,070	FALSE
-0,140	0,298	-0,003	0,007	0,215	FALSE
0,060	0,300	0,001	0,007	0,050	FALSE

0,064	0,310	0,002	0,010	0,064	FALSE
0,061	0,313	0,002	0,010	0,062	FALSE
-0,032	0,309	-0,002	0,010	0,066	FALSE
0,008	0,298	0,000	0,011	0,002	FALSE
-0,083	0,291	-0,002	0,007	0,092	FALSE
-0,063	0,314	-0,002	0,010	0,061	FALSE
-0,038	0,301	-0,001	0,007	0,057	FALSE
0,035	0,304	0,001	0,011	0,040	FALSE
0,053	0,306	0,001	0,007	0,042	FALSE
-0,060	0,306	-0,001	0,007	0,046	FALSE
-0,035	0,301	0,000	0,008	0,005	FALSE
0,097	0,308	0,002	0,006	0,127	FALSE
-0,056	0,309	-0,002	0,012	0,076	FALSE
0,156	0,302	0,004	0,007	0,224	FALSE
0,021	0,292	0,001	0,008	0,049	FALSE
-0,128	0,295	-0,006	0,012	0,189	FALSE
-0,114	0,312	-0,005	0,013	0,148	FALSE
-0,042	0,306	-0,001	0,010	0,048	FALSE
-0,080	0,309	-0,003	0,011	0,111	FALSE
0,009	0,311	0,000	0,012	0,006	FALSE
-0,082	0,315	-0,003	0,009	0,139	FALSE
-0,035	0,306	-0,001	0,006	0,040	FALSE
-0,071	0,307	-0,002	0,010	0,076	FALSE
0,014	0,301	0,000	0,006	0,016	FALSE
0,133	0,301	0,003	0,007	0,170	FALSE
-0,017	0,306	-0,001	0,010	0,027	FALSE
0,028	0,304	0,000	0,011	0,002	FALSE
0,038	0,304	0,000	0,012	0,011	FALSE
0,063	0,303	0,002	0,010	0,083	FALSE
0,063	0,305	0,001	0,009	0,056	FALSE
0,011	0,305	0,000	0,009	0,009	FALSE
0,000	0,320	-0,001	0,010	0,023	FALSE
-0,016	0,311	-0,001	0,008	0,037	FALSE
-0,100	0,300	-0,004	0,012	0,143	FALSE
0,020	0,310	0,000	0,011	0,001	FALSE
0,024	0,307	0,000	0,011	0,008	FALSE
-0,081	0,308	-0,003	0,012	0,096	FALSE
0,020	0,300	0,001	0,007	0,063	FALSE
-0,112	0,290	-0,004	0,012	0,142	FALSE
-0,068	0,318	-0,003	0,010	0,110	FALSE
0,046	0,306	0,002	0,012	0,060	FALSE
-0,100	0,302	-0,004	0,012	0,145	FALSE
-0,099	0,311	-0,004	0,012	0,142	FALSE
0,021	0,306	0,000	0,011	0,007	FALSE
-0,079	0,315	-0,003	0,011	0,119	FALSE
-0,056	0,317	-0,002	0,010	0,088	FALSE
-0,001	0,315	0,000	0,008	0,004	FALSE
-0,007	0,297	0,000	0,011	0,013	FALSE
-0,025	0,297	-0,001	0,011	0,035	FALSE
0,090	0,300	0,004	0,011	0,143	FALSE
0,100	0,313	0,003	0,011	0,127	FALSE
0,096	0,310	0,004	0,011	0,138	FALSE
0,100	0,310	0,004	0,011	0,142	FALSE

0,162	0,296	0,006	0,010	0,243	FALSE
0,140	0,297	0,005	0,010	0,183	FALSE
-0,068	0,319	-0,003	0,009	0,114	FALSE
-0,042	0,310	-0,002	0,009	0,068	FALSE
0,083	0,295	0,003	0,012	0,081	FALSE
0,055	0,317	0,001	0,007	0,067	FALSE
-0,021	0,312	-0,001	0,009	0,024	FALSE
-0,059	0,301	-0,002	0,010	0,073	FALSE
0,132	0,295	0,003	0,008	0,151	FALSE
0,109	0,304	0,003	0,008	0,117	FALSE
-0,096	0,302	-0,002	0,008	0,103	FALSE
-0,206	0,291	-0,004	0,006	0,244	FALSE
-0,036	0,297	-0,001	0,009	0,043	FALSE
0,023	0,312	0,001	0,007	0,035	FALSE
-0,030	0,300	-0,002	0,008	0,081	FALSE
0,092	0,294	0,004	0,011	0,132	FALSE
-0,094	0,295	-0,002	0,007	0,100	FALSE
-0,144	0,305	-0,005	0,009	0,216	FALSE
-0,180	0,294	-0,006	0,009	0,288	FALSE
0,033	0,320	0,001	0,010	0,034	FALSE
-0,117	0,300	-0,005	0,013	0,150	FALSE
-0,184	0,305	-0,006	0,010	0,247	FALSE
0,092	0,298	0,004	0,012	0,122	FALSE
0,092	0,318	0,003	0,013	0,102	FALSE
-0,120	0,301	-0,004	0,009	0,165	FALSE
0,145	0,297	0,006	0,011	0,221	FALSE
-0,076	0,303	-0,003	0,011	0,111	FALSE
-0,145	0,299	-0,006	0,012	0,197	FALSE
-0,078	0,305	-0,002	0,010	0,088	FALSE
-0,067	0,307	-0,002	0,007	0,089	FALSE
-0,016	0,308	0,000	0,007	0,020	FALSE
-0,133	0,296	-0,005	0,010	0,204	FALSE
0,092	0,303	0,002	0,008	0,096	FALSE
0,119	0,319	0,005	0,013	0,166	FALSE
0,114	0,303	0,003	0,010	0,128	FALSE
0,022	0,293	0,002	0,009	0,083	FALSE
-0,037	0,309	-0,001	0,007	0,032	FALSE
0,013	0,307	0,000	0,008	0,019	FALSE
0,017	0,301	0,000	0,008	0,018	FALSE
0,023	0,290	0,000	0,008	0,007	FALSE
0,004	0,324	0,001	0,010	0,019	FALSE
0,121	0,310	0,005	0,012	0,161	FALSE
0,103	0,303	0,004	0,012	0,139	FALSE
-0,196	0,305	-0,008	0,012	0,296	FALSE
-0,169	0,306	-0,006	0,012	0,222	FALSE
-0,015	0,311	0,000	0,009	0,005	FALSE
0,004	0,319	0,000	0,009	0,011	FALSE
0,035	0,324	0,000	0,009	0,016	FALSE
0,006	0,319	0,000	0,008	0,009	FALSE
0,113	0,294	0,006	0,012	0,216	FALSE
-0,099	0,321	-0,003	0,010	0,110	FALSE
-0,021	0,286	-0,001	0,009	0,040	FALSE
-0,059	0,306	-0,003	0,010	0,099	FALSE

-0,126	0,308	-0,004	0,011	0,150	FALSE
0,001	0,306	0,000	0,010	0,001	FALSE
0,093	0,303	0,002	0,008	0,123	FALSE
-0,027	0,309	-0,001	0,008	0,031	FALSE
-0,007	0,312	0,000	0,009	0,012	FALSE
-0,011	0,296	0,000	0,008	0,012	FALSE
0,128	0,314	0,002	0,006	0,122	FALSE
0,078	0,290	0,002	0,006	0,095	FALSE
0,062	0,311	0,002	0,011	0,065	FALSE
0,091	0,310	0,002	0,008	0,115	FALSE
-0,090	0,305	-0,003	0,011	0,103	FALSE
0,016	0,307	0,000	0,012	0,011	FALSE
0,040	0,303	0,001	0,007	0,060	FALSE
-0,082	0,313	-0,002	0,008	0,111	FALSE
-0,037	0,310	-0,001	0,008	0,040	FALSE
-0,118	0,311	-0,003	0,007	0,167	FALSE
0,080	0,301	0,002	0,007	0,125	FALSE
0,200	0,298	0,007	0,009	0,380	FALSE
-0,066	0,322	-0,002	0,009	0,072	FALSE
-0,051	0,326	-0,001	0,007	0,080	FALSE
-0,049	0,310	-0,001	0,011	0,033	FALSE
-0,071	0,303	-0,001	0,007	0,074	FALSE
-0,034	0,305	-0,002	0,009	0,073	FALSE
-0,039	0,311	-0,001	0,006	0,049	FALSE
-0,039	0,311	-0,001	0,006	0,044	FALSE
-0,019	0,311	0,000	0,006	0,026	FALSE
-0,049	0,306	-0,001	0,009	0,045	FALSE
-0,050	0,313	-0,002	0,013	0,060	FALSE
-0,017	0,290	0,000	0,008	0,019	FALSE
-0,043	0,303	-0,001	0,008	0,062	FALSE
-0,033	0,304	-0,001	0,009	0,037	FALSE
-0,035	0,319	-0,001	0,009	0,050	FALSE
0,093	0,308	0,004	0,011	0,148	FALSE
0,006	0,295	0,000	0,010	0,017	FALSE
-0,088	0,292	-0,003	0,009	0,152	FALSE
0,004	0,301	0,000	0,007	0,003	FALSE
-0,146	0,306	-0,003	0,007	0,193	FALSE
-0,047	0,295	-0,001	0,008	0,024	FALSE
0,092	0,298	0,003	0,008	0,159	FALSE
0,102	0,302	0,002	0,009	0,101	FALSE
-0,111	0,297	-0,004	0,011	0,138	FALSE
0,000	0,298	0,000	0,006	0,011	FALSE
-0,039	0,285	-0,001	0,009	0,043	FALSE
0,053	0,312	0,002	0,010	0,060	FALSE
0,036	0,304	0,001	0,012	0,024	FALSE
0,052	0,301	0,001	0,012	0,046	FALSE
0,023	0,316	0,000	0,006	0,013	FALSE
-0,019	0,310	0,000	0,013	0,003	FALSE
0,021	0,301	0,001	0,010	0,030	FALSE
-0,059	0,313	-0,001	0,007	0,065	FALSE
0,069	0,322	0,002	0,008	0,093	FALSE
0,014	0,307	0,000	0,007	0,008	FALSE
0,059	0,308	0,002	0,011	0,069	FALSE

0,058	0,312	0,001	0,007	0,073	FALSE
-0,112	0,309	-0,004	0,012	0,134	FALSE
-0,040	0,304	-0,001	0,010	0,048	FALSE
-0,024	0,321	-0,001	0,007	0,043	FALSE
0,043	0,312	0,001	0,007	0,050	FALSE
-0,068	0,306	-0,002	0,008	0,106	FALSE
-0,084	0,298	-0,004	0,012	0,118	FALSE
0,024	0,309	0,001	0,009	0,048	FALSE
-0,172	0,307	-0,004	0,007	0,255	FALSE
0,020	0,303	0,001	0,010	0,022	FALSE
-0,074	0,310	-0,004	0,012	0,125	FALSE
0,020	0,320	0,001	0,007	0,039	FALSE
0,088	0,310	0,002	0,009	0,090	FALSE
0,019	0,307	0,000	0,008	0,015	FALSE
0,067	0,300	0,002	0,009	0,079	FALSE
-0,123	0,311	-0,003	0,008	0,162	FALSE
-0,009	0,307	0,000	0,010	0,002	FALSE
0,068	0,311	0,001	0,008	0,058	FALSE
-0,022	0,306	0,000	0,011	0,009	FALSE
-0,120	0,295	-0,003	0,007	0,150	FALSE
-0,009	0,301	0,000	0,009	0,005	FALSE
-0,100	0,297	-0,004	0,008	0,183	FALSE
-0,011	0,312	0,000	0,007	0,012	FALSE
0,053	0,308	0,001	0,008	0,038	FALSE
0,026	0,314	0,000	0,008	0,007	FALSE
0,054	0,314	0,001	0,008	0,038	FALSE
0,064	0,316	0,001	0,009	0,062	FALSE
0,055	0,308	0,001	0,008	0,045	FALSE
0,078	0,305	0,002	0,008	0,072	FALSE
0,069	0,300	0,002	0,008	0,089	FALSE
0,017	0,310	0,001	0,007	0,043	FALSE
-0,005	0,318	0,001	0,007	0,036	FALSE
0,026	0,303	0,001	0,006	0,047	FALSE
0,163	0,295	0,005	0,011	0,193	FALSE
0,030	0,300	0,001	0,006	0,048	FALSE
0,105	0,304	0,003	0,010	0,143	FALSE
0,017	0,311	0,000	0,006	0,001	FALSE
0,066	0,308	0,002	0,007	0,108	FALSE
-0,041	0,302	-0,001	0,010	0,019	FALSE
0,080	0,300	0,002	0,008	0,104	FALSE
0,127	0,312	0,004	0,010	0,137	FALSE
-0,095	0,310	-0,002	0,007	0,134	FALSE
-0,019	0,286	0,000	0,010	0,010	FALSE
-0,034	0,290	0,000	0,008	0,023	FALSE
0,014	0,302	0,000	0,007	0,013	FALSE
-0,034	0,288	0,000	0,009	0,006	FALSE
-0,054	0,291	0,000	0,009	0,019	FALSE
0,068	0,315	0,002	0,008	0,100	FALSE
0,160	0,296	0,006	0,011	0,232	FALSE
0,023	0,314	0,001	0,010	0,021	FALSE
0,131	0,299	0,004	0,008	0,196	FALSE
0,092	0,306	0,003	0,011	0,103	FALSE
0,040	0,302	0,001	0,011	0,019	FALSE

0,001	0,304	-0,001	0,012	0,016	FALSE
0,004	0,305	0,000	0,006	0,008	FALSE
0,079	0,303	0,002	0,009	0,085	FALSE
0,114	0,321	0,002	0,007	0,131	FALSE
0,073	0,306	0,002	0,012	0,054	FALSE
-0,069	0,302	-0,002	0,012	0,049	FALSE
-0,026	0,306	-0,001	0,009	0,026	FALSE
0,021	0,315	0,000	0,012	0,006	FALSE
0,130	0,300	0,005	0,012	0,169	FALSE
-0,054	0,306	-0,002	0,012	0,077	FALSE
-0,074	0,297	-0,002	0,008	0,085	FALSE
-0,091	0,291	-0,002	0,008	0,108	FALSE
-0,085	0,290	-0,002	0,008	0,112	FALSE
0,015	0,311	0,001	0,012	0,021	FALSE
-0,037	0,313	-0,001	0,008	0,023	FALSE
0,095	0,310	0,004	0,012	0,121	FALSE
-0,062	0,312	-0,002	0,009	0,074	FALSE
-0,115	0,317	-0,004	0,009	0,166	FALSE
0,033	0,315	0,001	0,013	0,016	FALSE
0,064	0,297	0,001	0,006	0,070	FALSE
-0,005	0,332	0,000	0,010	0,017	FALSE
0,086	0,294	0,002	0,006	0,099	FALSE
0,045	0,301	0,001	0,006	0,077	FALSE
-0,065	0,316	-0,002	0,009	0,090	FALSE
0,066	0,306	0,001	0,007	0,068	FALSE
-0,134	0,317	-0,004	0,009	0,176	FALSE
-0,109	0,306	-0,003	0,009	0,165	FALSE
-0,085	0,316	-0,002	0,007	0,132	FALSE
0,049	0,315	0,002	0,009	0,068	FALSE
-0,036	0,317	-0,001	0,006	0,040	FALSE
-0,008	0,300	-0,001	0,012	0,021	FALSE
-0,085	0,304	-0,002	0,007	0,090	FALSE
0,053	0,300	0,002	0,008	0,080	FALSE
0,160	0,306	0,005	0,010	0,228	FALSE
-0,101	0,311	-0,002	0,007	0,130	FALSE
-0,291	0,274	-0,010	0,010	0,502	FALSE
0,004	0,306	0,000	0,006	0,021	FALSE
-0,016	0,318	-0,001	0,012	0,020	FALSE
-0,076	0,304	-0,002	0,012	0,061	FALSE
0,102	0,310	0,003	0,010	0,132	FALSE
0,082	0,319	0,002	0,007	0,099	FALSE
-0,026	0,307	0,000	0,007	0,006	FALSE
0,089	0,314	0,003	0,011	0,113	FALSE
-0,036	0,313	-0,001	0,007	0,028	FALSE
0,032	0,313	0,001	0,008	0,024	FALSE
0,049	0,298	0,001	0,010	0,046	FALSE
0,014	0,307	0,000	0,006	0,022	FALSE
-0,007	0,309	0,000	0,007	0,006	FALSE
-0,120	0,304	-0,003	0,006	0,167	FALSE
-0,148	0,307	-0,003	0,006	0,208	FALSE
0,151	0,302	0,003	0,008	0,186	FALSE
-0,054	0,299	-0,002	0,012	0,059	FALSE
0,159	0,304	0,003	0,007	0,191	FALSE

-0,094	0,295	-0,003	0,011	0,126	FALSE
-0,107	0,306	-0,002	0,007	0,142	FALSE
0,085	0,319	0,003	0,010	0,125	FALSE
-0,038	0,305	-0,002	0,011	0,068	FALSE
-0,014	0,312	-0,001	0,010	0,024	FALSE
-0,047	0,300	0,000	0,006	0,021	FALSE
0,176	0,291	0,005	0,011	0,206	FALSE
-0,048	0,305	-0,001	0,008	0,058	FALSE
-0,022	0,303	-0,001	0,013	0,042	FALSE
-0,013	0,315	0,000	0,012	0,006	FALSE
0,029	0,308	0,001	0,007	0,055	FALSE
-0,027	0,311	-0,001	0,006	0,034	FALSE
0,039	0,301	0,001	0,012	0,028	FALSE
-0,173	0,307	-0,003	0,007	0,207	FALSE
-0,020	0,302	-0,001	0,007	0,040	FALSE
-0,019	0,303	0,000	0,011	0,002	FALSE
-0,133	0,307	-0,003	0,007	0,187	FALSE
0,121	0,305	0,003	0,007	0,177	FALSE
0,101	0,296	0,002	0,008	0,102	FALSE
-0,025	0,308	-0,001	0,010	0,019	FALSE
0,059	0,302	0,002	0,011	0,077	FALSE
-0,064	0,305	-0,002	0,009	0,091	FALSE
-0,095	0,321	-0,003	0,013	0,076	FALSE
-0,060	0,305	-0,002	0,009	0,066	FALSE
-0,063	0,302	-0,002	0,009	0,092	FALSE
-0,150	0,292	-0,003	0,007	0,185	FALSE
-0,033	0,309	-0,001	0,011	0,027	FALSE
-0,057	0,301	-0,001	0,008	0,066	FALSE
-0,094	0,303	-0,005	0,012	0,161	FALSE
-0,028	0,304	-0,001	0,007	0,053	FALSE
0,054	0,318	0,001	0,008	0,055	FALSE
0,125	0,299	0,002	0,007	0,140	FALSE
0,062	0,310	0,001	0,008	0,047	FALSE
0,033	0,307	0,001	0,009	0,037	FALSE
0,005	0,306	0,001	0,012	0,016	FALSE
0,128	0,294	0,005	0,011	0,177	FALSE
0,006	0,318	0,000	0,013	0,010	FALSE
-0,053	0,310	-0,001	0,006	0,059	FALSE
0,016	0,311	0,000	0,012	0,014	FALSE
0,047	0,305	0,002	0,007	0,091	FALSE
-0,119	0,309	-0,003	0,007	0,158	FALSE
0,031	0,292	0,000	0,006	0,017	FALSE
-0,150	0,295	-0,004	0,009	0,191	FALSE
-0,049	0,321	-0,002	0,011	0,059	FALSE
-0,121	0,308	-0,003	0,007	0,151	FALSE
0,008	0,301	0,000	0,010	0,008	FALSE
-0,100	0,297	-0,002	0,007	0,136	FALSE
-0,008	0,303	0,000	0,011	0,007	FALSE
-0,004	0,310	0,000	0,011	0,006	FALSE
-0,021	0,315	0,000	0,007	0,014	FALSE
-0,074	0,308	-0,003	0,012	0,113	FALSE
-0,022	0,310	0,000	0,010	0,006	FALSE
0,059	0,315	0,001	0,010	0,037	FALSE

0,087	0,301	0,001	0,006	0,072	FALSE
0,038	0,320	0,001	0,012	0,024	FALSE
0,033	0,314	0,001	0,012	0,045	FALSE
0,013	0,318	0,000	0,008	0,002	FALSE
0,058	0,301	0,001	0,008	0,070	FALSE
0,020	0,311	0,000	0,012	0,007	FALSE
-0,083	0,303	-0,002	0,008	0,087	FALSE
0,006	0,308	0,001	0,009	0,037	FALSE
0,102	0,310	0,002	0,006	0,136	FALSE
-0,059	0,289	-0,003	0,012	0,111	FALSE
-0,105	0,317	-0,002	0,008	0,090	FALSE
0,046	0,313	0,001	0,007	0,037	FALSE
0,058	0,298	0,003	0,009	0,116	FALSE
0,004	0,280	0,001	0,009	0,034	FALSE
-0,046	0,308	-0,003	0,011	0,103	FALSE
0,145	0,304	0,005	0,011	0,208	FALSE
0,024	0,300	0,000	0,007	0,018	FALSE
0,053	0,295	0,001	0,008	0,067	FALSE
-0,041	0,321	-0,001	0,007	0,065	FALSE
0,015	0,307	0,000	0,010	0,005	FALSE
-0,001	0,298	-0,001	0,012	0,024	FALSE
-0,009	0,311	-0,001	0,008	0,054	FALSE
-0,056	0,295	-0,002	0,009	0,069	FALSE
-0,128	0,314	-0,003	0,007	0,166	FALSE
0,027	0,309	0,000	0,006	0,023	FALSE
0,125	0,292	0,004	0,010	0,146	FALSE
0,113	0,306	0,003	0,010	0,123	FALSE
0,018	0,313	0,000	0,006	0,017	FALSE
-0,119	0,298	-0,002	0,006	0,150	FALSE
-0,091	0,322	-0,002	0,007	0,087	FALSE
-0,040	0,313	-0,001	0,008	0,031	FALSE
-0,020	0,311	0,000	0,012	0,010	FALSE
0,052	0,307	0,001	0,007	0,060	FALSE
0,000	0,298	0,001	0,011	0,022	FALSE
0,025	0,304	0,000	0,006	0,006	FALSE
0,010	0,317	0,000	0,007	0,021	FALSE
-0,033	0,310	-0,001	0,007	0,040	FALSE
-0,036	0,312	-0,002	0,009	0,071	FALSE
0,013	0,315	0,000	0,006	0,017	FALSE
0,039	0,311	0,001	0,007	0,051	FALSE
-0,027	0,303	-0,001	0,010	0,032	FALSE
-0,008	0,307	0,000	0,009	0,018	FALSE
-0,146	0,317	-0,004	0,008	0,191	FALSE
-0,118	0,289	-0,005	0,012	0,162	FALSE
0,061	0,306	0,002	0,006	0,100	FALSE
0,033	0,303	0,001	0,009	0,021	FALSE
-0,005	0,301	0,000	0,008	0,012	FALSE
-0,019	0,311	0,000	0,006	0,018	FALSE
0,011	0,303	0,001	0,010	0,019	FALSE
0,040	0,297	0,002	0,010	0,066	FALSE
-0,003	0,297	0,001	0,011	0,022	FALSE
-0,103	0,312	-0,003	0,009	0,125	FALSE
-0,108	0,310	-0,003	0,007	0,162	FALSE

0,001	0,284	0,001	0,010	0,024	FALSE
-0,040	0,314	-0,001	0,007	0,045	FALSE
-0,021	0,312	0,000	0,007	0,016	FALSE
-0,023	0,301	-0,002	0,010	0,057	FALSE
-0,066	0,304	-0,002	0,009	0,080	FALSE
-0,033	0,319	-0,002	0,011	0,064	FALSE
-0,065	0,301	-0,002	0,009	0,077	FALSE
-0,069	0,292	-0,002	0,009	0,092	FALSE
-0,071	0,322	-0,001	0,007	0,073	FALSE
0,070	0,306	0,002	0,007	0,117	FALSE
0,140	0,293	0,005	0,009	0,235	FALSE
0,033	0,306	0,001	0,008	0,048	FALSE
-0,086	0,311	-0,002	0,008	0,125	FALSE
0,064	0,309	0,002	0,006	0,103	FALSE
0,077	0,294	0,003	0,009	0,141	FALSE
0,002	0,312	0,000	0,006	0,028	FALSE
-0,062	0,303	-0,001	0,008	0,061	FALSE
0,082	0,306	0,003	0,008	0,145	FALSE
-0,029	0,300	0,000	0,009	0,018	FALSE
-0,016	0,305	-0,001	0,008	0,037	FALSE
0,072	0,292	0,002	0,007	0,118	FALSE
0,013	0,311	0,001	0,012	0,042	FALSE
0,004	0,309	0,001	0,012	0,034	FALSE
0,014	0,302	0,000	0,011	0,006	FALSE
-0,019	0,318	0,000	0,013	0,006	FALSE
0,018	0,309	0,000	0,012	0,006	FALSE
-0,012	0,311	0,000	0,013	0,009	FALSE
0,056	0,299	0,002	0,007	0,104	FALSE
0,042	0,313	0,002	0,008	0,081	FALSE
-0,122	0,296	-0,007	0,012	0,239	FALSE
0,005	0,307	0,000	0,012	0,014	FALSE
-0,019	0,294	0,000	0,012	0,010	FALSE
-0,096	0,302	-0,003	0,009	0,167	FALSE
0,036	0,302	0,002	0,012	0,065	FALSE
0,152	0,304	0,004	0,008	0,208	FALSE
0,125	0,295	0,004	0,010	0,166	FALSE
0,024	0,299	0,000	0,009	0,009	FALSE
0,127	0,297	0,004	0,009	0,209	FALSE
0,125	0,297	0,004	0,008	0,199	FALSE
0,099	0,303	0,006	0,012	0,184	FALSE
0,124	0,294	0,004	0,007	0,225	FALSE
0,145	0,290	0,005	0,008	0,261	FALSE
0,037	0,329	0,001	0,010	0,037	FALSE
-0,212	0,314	-0,006	0,009	0,293	FALSE
-0,005	0,322	0,000	0,013	0,007	FALSE
0,128	0,297	0,004	0,008	0,210	FALSE
-0,015	0,318	0,000	0,013	0,006	FALSE
-0,015	0,311	0,000	0,013	0,006	FALSE
-0,024	0,312	0,000	0,012	0,002	FALSE
0,065	0,313	0,003	0,012	0,089	FALSE
0,143	0,301	0,004	0,008	0,206	FALSE
0,140	0,295	0,004	0,008	0,216	FALSE
0,161	0,301	0,005	0,008	0,252	FALSE

-0,079	0,306	-0,001	0,007	0,072	FALSE
-0,067	0,316	-0,002	0,009	0,075	FALSE
-0,034	0,312	-0,001	0,008	0,064	FALSE
-0,023	0,298	-0,001	0,008	0,031	FALSE
-0,099	0,298	-0,003	0,008	0,125	FALSE
0,193	0,298	0,005	0,008	0,286	FALSE
-0,012	0,298	-0,001	0,010	0,019	FALSE
0,059	0,320	0,001	0,008	0,064	FALSE
0,054	0,308	0,001	0,011	0,044	FALSE
-0,020	0,310	-0,001	0,010	0,025	FALSE
0,007	0,319	0,000	0,009	0,012	FALSE
0,027	0,306	0,001	0,007	0,043	FALSE
0,000	0,305	-0,001	0,009	0,027	FALSE
-0,043	0,314	-0,001	0,008	0,064	FALSE
0,054	0,309	0,001	0,007	0,058	FALSE
-0,132	0,297	-0,004	0,010	0,154	FALSE
-0,038	0,301	-0,001	0,006	0,044	FALSE
-0,100	0,299	-0,004	0,012	0,129	FALSE
-0,130	0,304	-0,005	0,013	0,173	FALSE
-0,010	0,308	-0,001	0,011	0,019	FALSE
-0,057	0,302	-0,001	0,007	0,074	FALSE
-0,027	0,313	-0,002	0,013	0,045	FALSE
0,050	0,314	0,001	0,007	0,039	FALSE
-0,035	0,321	-0,001	0,009	0,040	FALSE
-0,123	0,318	-0,005	0,012	0,180	FALSE
-0,143	0,314	-0,003	0,007	0,186	FALSE
-0,025	0,304	-0,002	0,013	0,064	FALSE
-0,077	0,315	-0,004	0,012	0,124	FALSE
0,157	0,310	0,005	0,010	0,200	FALSE
0,089	0,327	0,004	0,012	0,125	FALSE
-0,025	0,325	-0,002	0,009	0,060	FALSE
0,086	0,302	0,002	0,006	0,133	FALSE
-0,012	0,302	0,000	0,006	0,027	FALSE
-0,017	0,295	0,000	0,008	0,017	FALSE
0,064	0,314	0,001	0,009	0,057	FALSE
0,051	0,307	0,001	0,007	0,030	FALSE
-0,002	0,308	0,000	0,011	0,005	FALSE
-0,058	0,306	-0,002	0,008	0,076	FALSE
0,057	0,305	0,002	0,008	0,099	FALSE
-0,022	0,314	-0,001	0,007	0,036	FALSE
0,109	0,304	0,002	0,006	0,109	FALSE
0,058	0,299	0,001	0,007	0,044	FALSE
-0,128	0,293	-0,004	0,009	0,196	FALSE
-0,019	0,321	-0,001	0,007	0,028	FALSE
-0,044	0,307	-0,001	0,008	0,060	FALSE
0,020	0,310	0,001	0,008	0,025	FALSE
0,053	0,303	0,003	0,010	0,104	FALSE
-0,176	0,296	-0,007	0,012	0,255	FALSE
-0,078	0,311	-0,002	0,010	0,070	FALSE
-0,013	0,312	0,000	0,007	0,006	FALSE
-0,052	0,327	-0,001	0,007	0,045	FALSE
0,088	0,300	0,003	0,012	0,110	FALSE
0,148	0,292	0,006	0,011	0,224	FALSE

0,077	0,313	0,003	0,012	0,087	FALSE
0,027	0,311	0,001	0,008	0,029	FALSE
0,062	0,310	0,002	0,008	0,070	FALSE
0,097	0,308	0,001	0,006	0,075	FALSE
0,217	0,303	0,006	0,009	0,301	FALSE
0,208	0,287	0,006	0,009	0,308	FALSE
0,042	0,299	0,001	0,006	0,077	FALSE
-0,022	0,299	-0,001	0,007	0,046	FALSE
-0,082	0,308	-0,002	0,009	0,067	FALSE
-0,044	0,315	-0,001	0,007	0,075	FALSE
0,052	0,312	0,003	0,012	0,084	FALSE
-0,013	0,293	0,000	0,008	0,016	FALSE
-0,175	0,310	-0,006	0,009	0,258	FALSE
-0,034	0,303	-0,001	0,012	0,044	FALSE
-0,104	0,304	-0,003	0,012	0,102	FALSE
-0,033	0,328	0,000	0,010	0,007	FALSE
-0,007	0,293	0,001	0,008	0,037	FALSE
0,035	0,301	0,001	0,008	0,024	FALSE
-0,125	0,302	-0,005	0,012	0,156	FALSE
0,067	0,308	0,002	0,011	0,058	FALSE
0,005	0,299	0,000	0,011	0,003	FALSE
0,007	0,320	0,000	0,007	0,005	FALSE
0,071	0,301	0,002	0,006	0,099	FALSE
0,046	0,300	0,001	0,009	0,050	FALSE
0,057	0,311	0,003	0,013	0,083	FALSE
0,047	0,305	0,002	0,010	0,072	FALSE
-0,046	0,313	-0,001	0,011	0,045	FALSE
-0,022	0,310	-0,001	0,012	0,034	FALSE
-0,009	0,321	0,000	0,009	0,018	FALSE
-0,017	0,293	-0,001	0,012	0,032	FALSE
-0,020	0,319	-0,001	0,007	0,032	FALSE
0,062	0,308	0,001	0,006	0,087	FALSE
-0,008	0,293	0,000	0,012	0,006	FALSE
0,011	0,289	0,001	0,012	0,021	FALSE
0,033	0,298	0,001	0,007	0,028	FALSE
0,072	0,309	0,002	0,012	0,069	FALSE
0,066	0,313	0,002	0,013	0,072	FALSE
0,014	0,303	0,000	0,011	0,009	FALSE
0,007	0,298	0,000	0,012	0,004	FALSE
0,053	0,304	0,002	0,013	0,053	FALSE
0,052	0,312	0,001	0,006	0,063	FALSE
-0,218	0,309	-0,006	0,008	0,308	FALSE
-0,121	0,300	-0,004	0,010	0,172	FALSE
0,076	0,317	0,002	0,012	0,061	FALSE
-0,085	0,306	-0,004	0,012	0,123	FALSE
0,012	0,298	0,000	0,006	0,012	FALSE
-0,155	0,307	-0,005	0,011	0,189	FALSE
0,053	0,314	0,001	0,012	0,030	FALSE
0,074	0,303	0,001	0,007	0,080	FALSE
0,057	0,308	0,002	0,011	0,050	FALSE
0,081	0,301	0,002	0,009	0,109	FALSE
-0,073	0,303	-0,002	0,010	0,085	FALSE
0,083	0,294	0,002	0,009	0,097	FALSE

0,004	0,294	0,000	0,007	0,001	FALSE
-0,108	0,303	-0,002	0,007	0,127	FALSE
0,089	0,297	0,003	0,009	0,129	FALSE
-0,048	0,298	-0,002	0,012	0,057	FALSE
-0,019	0,312	-0,001	0,013	0,014	FALSE
-0,041	0,317	-0,001	0,009	0,052	FALSE
-0,010	0,295	0,000	0,009	0,013	FALSE
-0,096	0,307	-0,002	0,007	0,115	FALSE
-0,034	0,307	-0,001	0,009	0,036	FALSE
0,170	0,291	0,006	0,011	0,245	FALSE
0,050	0,315	0,001	0,008	0,058	FALSE
-0,113	0,313	-0,004	0,011	0,151	FALSE
-0,070	0,308	-0,003	0,011	0,096	FALSE
-0,058	0,313	-0,002	0,011	0,073	FALSE
-0,055	0,302	-0,002	0,010	0,086	FALSE
0,071	0,319	0,003	0,013	0,089	FALSE
-0,025	0,308	-0,001	0,011	0,034	FALSE
-0,097	0,300	-0,004	0,012	0,128	FALSE
-0,028	0,315	-0,001	0,007	0,028	FALSE
0,000	0,318	0,000	0,007	0,007	FALSE
0,056	0,310	0,002	0,012	0,071	FALSE
-0,074	0,316	-0,002	0,011	0,085	FALSE
0,113	0,315	0,004	0,010	0,152	FALSE
-0,138	0,306	-0,003	0,009	0,152	FALSE
-0,011	0,304	0,000	0,009	0,004	FALSE
0,114	0,317	0,004	0,012	0,116	FALSE
0,081	0,303	0,002	0,009	0,109	FALSE
-0,151	0,301	-0,005	0,010	0,189	FALSE
-0,136	0,301	-0,004	0,009	0,165	FALSE
0,040	0,306	0,001	0,010	0,038	FALSE
-0,108	0,298	-0,002	0,007	0,146	FALSE
-0,061	0,328	-0,001	0,008	0,053	FALSE
0,138	0,300	0,006	0,011	0,220	FALSE
0,005	0,326	0,000	0,006	0,005	FALSE
0,041	0,300	0,001	0,007	0,061	FALSE
-0,099	0,301	-0,003	0,008	0,151	FALSE
-0,101	0,298	-0,004	0,012	0,145	FALSE
-0,056	0,293	-0,003	0,011	0,106	FALSE
0,088	0,291	0,003	0,009	0,134	FALSE
-0,108	0,311	-0,004	0,010	0,152	FALSE
0,069	0,300	0,003	0,012	0,103	FALSE
0,018	0,308	0,001	0,010	0,023	FALSE
-0,039	0,308	-0,002	0,011	0,071	FALSE
-0,054	0,303	-0,002	0,011	0,082	FALSE
0,022	0,316	0,001	0,008	0,024	FALSE
-0,025	0,299	-0,001	0,010	0,047	FALSE
0,009	0,305	0,000	0,008	0,010	FALSE
0,013	0,299	0,000	0,007	0,008	FALSE
0,103	0,318	0,004	0,012	0,134	FALSE
0,079	0,313	0,003	0,011	0,100	FALSE
0,084	0,308	0,004	0,012	0,117	FALSE
-0,065	0,283	-0,004	0,013	0,111	FALSE
-0,061	0,308	-0,002	0,008	0,073	FALSE

-0,042	0,321	-0,001	0,007	0,025	FALSE
-0,109	0,310	-0,004	0,013	0,129	FALSE
-0,137	0,304	-0,005	0,013	0,173	FALSE
0,022	0,288	0,001	0,010	0,048	FALSE
0,074	0,315	0,002	0,008	0,100	FALSE
-0,056	0,296	-0,001	0,007	0,073	FALSE
0,024	0,302	0,000	0,006	0,024	FALSE
0,050	0,311	0,001	0,008	0,071	FALSE
0,004	0,314	0,000	0,007	0,017	FALSE
0,118	0,302	0,003	0,009	0,144	FALSE
0,175	0,292	0,007	0,010	0,281	FALSE
0,163	0,293	0,004	0,008	0,225	FALSE
0,129	0,297	0,005	0,010	0,196	FALSE
0,121	0,305	0,004	0,008	0,186	FALSE
0,084	0,299	0,002	0,007	0,131	FALSE
0,067	0,300	0,002	0,006	0,126	FALSE
0,061	0,303	0,002	0,011	0,075	FALSE
0,042	0,308	0,002	0,012	0,046	FALSE
-0,040	0,307	-0,001	0,010	0,030	FALSE
-0,008	0,318	-0,001	0,013	0,019	FALSE
0,027	0,323	0,001	0,008	0,033	FALSE
-0,005	0,314	0,000	0,013	0,010	FALSE
-0,021	0,305	-0,001	0,011	0,034	FALSE
-0,005	0,311	0,000	0,012	0,012	FALSE
-0,046	0,319	-0,002	0,011	0,052	FALSE
-0,194	0,290	-0,004	0,006	0,279	FALSE
-0,025	0,306	-0,001	0,012	0,027	FALSE
-0,077	0,317	-0,004	0,011	0,127	FALSE
-0,042	0,301	0,000	0,007	0,017	FALSE
-0,006	0,295	0,000	0,011	0,003	FALSE
-0,054	0,294	-0,002	0,008	0,111	FALSE
0,054	0,307	0,002	0,010	0,087	FALSE
0,002	0,301	0,000	0,007	0,016	FALSE
0,048	0,316	0,002	0,011	0,061	FALSE
-0,069	0,290	-0,003	0,012	0,087	FALSE
-0,048	0,297	-0,001	0,006	0,055	FALSE
-0,047	0,310	-0,001	0,007	0,031	FALSE
-0,127	0,312	-0,005	0,010	0,199	FALSE
0,060	0,304	0,003	0,010	0,102	FALSE
-0,006	0,310	0,000	0,013	0,001	FALSE
-0,004	0,319	0,000	0,010	0,007	FALSE
0,005	0,306	-0,001	0,009	0,032	FALSE
-0,026	0,292	0,000	0,007	0,001	FALSE
-0,016	0,308	-0,001	0,013	0,027	FALSE
-0,081	0,305	-0,002	0,007	0,112	FALSE
0,049	0,307	0,001	0,010	0,030	FALSE
0,096	0,290	0,003	0,007	0,176	FALSE
-0,045	0,317	-0,001	0,008	0,073	FALSE
0,064	0,299	0,001	0,012	0,034	FALSE
-0,045	0,308	-0,001	0,007	0,058	FALSE
-0,062	0,309	-0,002	0,009	0,083	FALSE
-0,017	0,301	-0,001	0,007	0,041	FALSE
0,086	0,318	0,002	0,008	0,115	FALSE

0,026	0,317	0,001	0,010	0,020	FALSE
-0,116	0,305	-0,002	0,006	0,139	FALSE
0,031	0,304	0,001	0,008	0,054	FALSE
-0,104	0,302	-0,004	0,010	0,169	FALSE
0,044	0,296	0,000	0,009	0,016	FALSE
0,058	0,310	0,002	0,008	0,088	FALSE
0,014	0,303	0,001	0,007	0,037	FALSE
-0,055	0,294	-0,002	0,011	0,067	FALSE
-0,033	0,299	-0,001	0,012	0,045	FALSE
-0,030	0,306	-0,001	0,012	0,039	FALSE
-0,019	0,296	-0,001	0,011	0,033	FALSE
-0,035	0,294	-0,001	0,012	0,047	FALSE
-0,065	0,291	-0,003	0,011	0,093	FALSE
0,013	0,305	0,000	0,008	0,006	FALSE
-0,070	0,293	-0,002	0,011	0,085	FALSE
0,098	0,312	0,003	0,012	0,086	FALSE
0,052	0,314	0,002	0,008	0,070	FALSE
0,029	0,318	0,001	0,007	0,029	FALSE
0,130	0,305	0,004	0,008	0,198	FALSE
0,015	0,313	0,000	0,006	0,024	FALSE
-0,045	0,303	-0,002	0,010	0,067	FALSE
-0,003	0,307	0,000	0,009	0,008	FALSE
0,036	0,291	0,001	0,007	0,039	FALSE
-0,099	0,316	-0,002	0,007	0,136	FALSE
0,001	0,306	0,000	0,013	0,007	FALSE
-0,050	0,289	-0,001	0,007	0,031	FALSE
-0,103	0,293	-0,002	0,006	0,136	FALSE
-0,005	0,308	0,000	0,011	0,000	FALSE
-0,026	0,309	-0,001	0,007	0,043	FALSE
0,169	0,304	0,004	0,008	0,225	FALSE
0,076	0,312	0,003	0,012	0,093	FALSE
-0,037	0,293	-0,001	0,008	0,043	FALSE
-0,053	0,324	-0,001	0,009	0,061	FALSE
0,078	0,313	0,001	0,007	0,086	FALSE
-0,164	0,300	-0,003	0,007	0,216	FALSE
0,027	0,310	0,000	0,007	0,013	FALSE
-0,101	0,299	-0,003	0,012	0,095	FALSE
-0,074	0,305	-0,002	0,011	0,053	FALSE
-0,053	0,293	-0,001	0,010	0,041	FALSE
-0,086	0,307	-0,002	0,010	0,074	FALSE
0,059	0,325	0,002	0,011	0,065	FALSE
0,166	0,295	0,004	0,006	0,281	FALSE
-0,087	0,308	-0,002	0,009	0,091	FALSE
0,009	0,312	0,000	0,007	0,004	FALSE
0,082	0,311	0,003	0,010	0,143	FALSE
0,015	0,314	-0,001	0,012	0,037	FALSE
-0,119	0,313	-0,004	0,011	0,162	FALSE
0,151	0,299	0,006	0,012	0,199	FALSE
0,000	0,316	0,000	0,010	0,001	FALSE
0,063	0,314	0,001	0,006	0,082	FALSE
-0,056	0,302	-0,002	0,013	0,053	FALSE
0,119	0,300	0,003	0,007	0,173	FALSE
-0,081	0,312	-0,002	0,009	0,074	FALSE

0,006	0,301	0,000	0,013	0,004	FALSE
-0,043	0,300	-0,001	0,008	0,043	FALSE
0,166	0,294	0,004	0,006	0,297	FALSE
-0,004	0,317	0,000	0,007	0,018	FALSE
-0,032	0,306	-0,001	0,007	0,040	FALSE
-0,139	0,308	-0,005	0,011	0,186	FALSE
-0,039	0,301	-0,001	0,007	0,029	FALSE
0,074	0,306	0,002	0,008	0,086	FALSE
0,097	0,294	0,002	0,007	0,129	FALSE
0,246	0,299	0,009	0,011	0,404	FALSE
0,186	0,291	0,006	0,008	0,317	FALSE
0,064	0,303	0,002	0,009	0,090	FALSE
-0,112	0,318	-0,003	0,007	0,166	FALSE
0,008	0,304	0,000	0,012	0,013	FALSE
-0,007	0,302	0,000	0,011	0,009	FALSE
0,009	0,299	0,000	0,007	0,006	FALSE
0,045	0,293	0,002	0,009	0,075	FALSE
-0,019	0,296	-0,002	0,011	0,049	FALSE
-0,009	0,289	-0,001	0,011	0,037	FALSE
0,003	0,299	0,001	0,011	0,020	FALSE
0,129	0,298	0,004	0,009	0,222	FALSE
0,080	0,320	0,004	0,013	0,119	FALSE
-0,053	0,309	-0,001	0,010	0,043	FALSE
-0,079	0,303	-0,002	0,006	0,098	FALSE
0,110	0,307	0,003	0,010	0,146	FALSE
-0,123	0,300	-0,003	0,007	0,166	FALSE
0,040	0,319	0,001	0,007	0,048	FALSE
0,001	0,314	0,000	0,011	0,015	FALSE
0,125	0,297	0,004	0,010	0,181	FALSE
0,030	0,306	0,001	0,008	0,039	FALSE
0,078	0,306	0,003	0,011	0,121	FALSE
-0,150	0,295	-0,004	0,008	0,212	FALSE
-0,090	0,319	-0,005	0,013	0,140	FALSE
0,076	0,306	0,002	0,010	0,085	FALSE
0,079	0,305	0,002	0,011	0,068	FALSE
0,009	0,309	0,000	0,011	0,009	FALSE
0,107	0,304	0,003	0,009	0,131	FALSE
0,052	0,287	0,003	0,011	0,094	FALSE
-0,047	0,301	0,000	0,009	0,005	FALSE
-0,067	0,317	-0,001	0,009	0,042	FALSE
-0,068	0,307	-0,002	0,012	0,053	FALSE
0,040	0,306	0,001	0,012	0,040	FALSE
0,041	0,299	0,002	0,011	0,058	FALSE
0,065	0,300	0,001	0,009	0,060	FALSE
0,011	0,309	0,000	0,009	0,004	FALSE
0,017	0,306	0,000	0,008	0,008	FALSE
0,007	0,306	0,000	0,006	0,026	FALSE
-0,018	0,289	0,000	0,006	0,011	FALSE
0,090	0,296	0,003	0,011	0,107	FALSE
-0,120	0,306	-0,004	0,010	0,164	FALSE
-0,106	0,294	-0,003	0,007	0,148	FALSE
-0,003	0,298	0,001	0,009	0,024	FALSE
0,044	0,306	0,002	0,012	0,050	FALSE

-0,029	0,306	0,000	0,009	0,016	FALSE
-0,044	0,298	-0,002	0,013	0,069	FALSE
-0,025	0,299	0,000	0,011	0,003	FALSE
-0,094	0,305	-0,002	0,006	0,140	FALSE
-0,102	0,313	-0,004	0,012	0,127	FALSE
0,080	0,293	0,002	0,010	0,096	FALSE
0,127	0,306	0,005	0,012	0,159	FALSE
0,079	0,305	0,004	0,011	0,128	FALSE
-0,032	0,308	-0,001	0,009	0,042	FALSE
0,102	0,306	0,003	0,009	0,125	FALSE
-0,153	0,284	-0,006	0,012	0,227	FALSE
-0,151	0,320	-0,007	0,014	0,204	FALSE
-0,026	0,324	-0,001	0,008	0,039	FALSE
0,085	0,306	0,004	0,013	0,118	FALSE
0,093	0,305	0,004	0,012	0,140	FALSE
-0,156	0,299	-0,006	0,012	0,197	FALSE
-0,144	0,296	-0,003	0,007	0,171	FALSE
-0,021	0,308	-0,002	0,012	0,054	FALSE
0,041	0,311	0,002	0,009	0,088	FALSE
-0,147	0,308	-0,004	0,008	0,224	FALSE
0,072	0,310	0,003	0,010	0,110	FALSE
-0,198	0,296	-0,006	0,008	0,299	TRUE
-0,202	0,310	-0,006	0,008	0,306	FALSE
0,053	0,310	0,001	0,010	0,040	FALSE
-0,038	0,309	-0,001	0,011	0,028	FALSE
-0,068	0,318	-0,002	0,011	0,060	FALSE
-0,069	0,311	-0,002	0,008	0,077	FALSE
-0,035	0,304	0,000	0,008	0,008	FALSE
0,078	0,307	0,004	0,012	0,122	FALSE
0,021	0,307	0,001	0,009	0,022	FALSE
0,044	0,303	0,001	0,006	0,050	FALSE
-0,033	0,328	-0,001	0,011	0,035	FALSE
-0,030	0,320	-0,001	0,009	0,037	FALSE
-0,065	0,307	-0,002	0,012	0,072	FALSE
-0,049	0,310	-0,003	0,012	0,091	FALSE
0,095	0,308	0,003	0,009	0,142	FALSE
-0,008	0,300	0,000	0,011	0,014	FALSE
-0,108	0,309	-0,003	0,008	0,130	FALSE
-0,123	0,292	-0,005	0,012	0,154	FALSE
0,089	0,310	0,003	0,012	0,098	FALSE
0,028	0,293	0,001	0,007	0,045	FALSE
-0,104	0,313	-0,003	0,009	0,133	FALSE
0,046	0,313	0,001	0,008	0,059	FALSE
0,043	0,310	0,001	0,011	0,044	FALSE
-0,167	0,302	-0,006	0,009	0,263	FALSE
-0,166	0,295	-0,007	0,012	0,253	FALSE
-0,002	0,305	0,000	0,007	0,022	FALSE
0,005	0,307	0,000	0,006	0,010	FALSE
0,041	0,299	0,001	0,008	0,031	FALSE
-0,060	0,301	-0,001	0,008	0,036	FALSE
-0,069	0,313	-0,003	0,009	0,113	FALSE
0,091	0,314	0,003	0,011	0,089	FALSE
-0,049	0,311	-0,001	0,007	0,074	FALSE

0,035	0,306	0,002	0,009	0,081	FALSE
0,065	0,306	0,002	0,007	0,100	FALSE
0,100	0,312	0,003	0,010	0,112	FALSE
0,009	0,301	0,000	0,009	0,014	FALSE
-0,061	0,305	-0,003	0,012	0,094	FALSE
-0,083	0,301	-0,002	0,008	0,096	FALSE
0,067	0,306	0,003	0,011	0,090	FALSE
0,059	0,307	0,002	0,012	0,066	FALSE
0,014	0,319	0,001	0,009	0,020	FALSE
0,083	0,291	0,003	0,012	0,105	FALSE
-0,049	0,297	-0,001	0,012	0,029	FALSE
0,026	0,315	0,001	0,011	0,042	FALSE
0,021	0,306	0,001	0,011	0,024	FALSE
-0,120	0,298	-0,004	0,011	0,167	FALSE
-0,019	0,288	0,000	0,006	0,028	FALSE
0,028	0,302	0,002	0,008	0,067	FALSE
0,068	0,303	0,003	0,010	0,122	FALSE
0,002	0,307	0,000	0,009	0,013	FALSE
0,028	0,320	0,000	0,009	0,015	FALSE
-0,057	0,303	-0,001	0,011	0,023	FALSE
-0,059	0,294	-0,002	0,011	0,054	FALSE
0,157	0,298	0,003	0,006	0,175	FALSE
-0,088	0,312	-0,003	0,012	0,086	FALSE
0,010	0,319	0,001	0,012	0,030	FALSE
0,061	0,308	0,001	0,009	0,037	FALSE
-0,138	0,312	-0,003	0,007	0,169	FALSE
0,114	0,303	0,005	0,012	0,158	FALSE
-0,064	0,303	-0,002	0,010	0,072	FALSE
-0,007	0,299	-0,001	0,012	0,032	FALSE
0,021	0,300	0,001	0,012	0,022	FALSE
-0,113	0,305	-0,004	0,008	0,176	FALSE
-0,033	0,311	-0,002	0,012	0,059	FALSE
0,040	0,300	0,001	0,008	0,059	FALSE
0,032	0,314	0,001	0,009	0,040	FALSE
0,118	0,301	0,003	0,008	0,164	FALSE
-0,015	0,308	0,000	0,010	0,014	FALSE
0,042	0,302	0,001	0,008	0,046	FALSE
0,068	0,309	0,002	0,009	0,074	FALSE
-0,067	0,320	-0,003	0,013	0,079	FALSE
-0,032	0,309	-0,001	0,012	0,030	FALSE
0,005	0,309	0,000	0,008	0,007	FALSE
-0,125	0,298	-0,006	0,012	0,201	FALSE
-0,032	0,308	0,000	0,007	0,012	FALSE
0,167	0,311	0,005	0,009	0,255	FALSE
-0,034	0,296	-0,002	0,012	0,075	FALSE
-0,011	0,297	0,000	0,006	0,008	FALSE
-0,048	0,304	-0,002	0,012	0,061	FALSE
-0,079	0,312	-0,002	0,007	0,105	FALSE
-0,137	0,292	-0,003	0,007	0,149	FALSE
-0,028	0,313	-0,001	0,007	0,058	FALSE
-0,081	0,307	-0,002	0,008	0,100	FALSE
0,017	0,312	0,000	0,007	0,003	FALSE
0,047	0,313	0,001	0,006	0,040	FALSE

-0,033	0,317	-0,001	0,008	0,058	FALSE
-0,075	0,293	-0,002	0,008	0,108	FALSE
0,112	0,291	0,005	0,011	0,196	FALSE
-0,017	0,305	-0,001	0,011	0,046	FALSE
0,003	0,301	0,000	0,006	0,002	FALSE
-0,028	0,307	-0,001	0,007	0,027	FALSE
-0,045	0,289	-0,003	0,013	0,098	FALSE
-0,069	0,289	-0,003	0,009	0,117	FALSE
-0,086	0,299	-0,003	0,009	0,145	FALSE
-0,088	0,289	-0,003	0,009	0,144	FALSE
-0,068	0,288	-0,003	0,009	0,110	FALSE
-0,112	0,295	-0,003	0,008	0,153	FALSE
-0,110	0,304	-0,003	0,008	0,173	FALSE
-0,095	0,307	-0,003	0,008	0,167	FALSE
-0,034	0,307	-0,001	0,008	0,057	FALSE
-0,015	0,312	0,000	0,007	0,013	FALSE
0,039	0,300	0,001	0,006	0,042	FALSE
0,089	0,296	0,003	0,012	0,107	FALSE
-0,152	0,301	-0,005	0,009	0,229	FALSE
-0,065	0,307	-0,002	0,009	0,090	FALSE
-0,065	0,319	-0,002	0,010	0,091	FALSE
0,080	0,309	0,002	0,009	0,086	FALSE
0,084	0,309	0,002	0,006	0,109	FALSE
0,078	0,303	0,002	0,007	0,120	FALSE
-0,006	0,326	-0,001	0,006	0,034	FALSE
-0,050	0,314	-0,001	0,008	0,029	FALSE
-0,070	0,310	-0,001	0,007	0,072	FALSE
-0,119	0,314	-0,003	0,008	0,153	FALSE
0,136	0,292	0,003	0,006	0,187	FALSE
0,024	0,306	0,001	0,011	0,022	FALSE
0,011	0,310	0,000	0,006	0,021	FALSE
-0,060	0,305	-0,003	0,012	0,109	FALSE
-0,068	0,292	-0,003	0,011	0,121	FALSE
0,016	0,306	0,000	0,012	0,011	FALSE
-0,002	0,294	0,000	0,009	0,009	FALSE
0,032	0,312	0,000	0,008	0,010	FALSE
0,054	0,294	0,001	0,010	0,047	FALSE
-0,006	0,304	-0,001	0,011	0,039	FALSE
-0,072	0,290	-0,002	0,007	0,095	FALSE
-0,061	0,287	-0,002	0,010	0,063	FALSE
0,034	0,302	0,001	0,008	0,056	FALSE
0,031	0,306	0,001	0,011	0,037	FALSE
0,002	0,301	0,000	0,007	0,012	FALSE
-0,084	0,315	-0,002	0,006	0,131	FALSE
0,041	0,299	0,001	0,007	0,057	FALSE
0,024	0,304	0,000	0,012	0,001	FALSE
0,043	0,293	0,001	0,008	0,057	FALSE
0,026	0,311	0,001	0,012	0,024	FALSE
-0,053	0,319	-0,001	0,008	0,069	FALSE
0,091	0,301	0,003	0,011	0,124	FALSE
-0,057	0,312	-0,002	0,007	0,091	FALSE
-0,101	0,304	-0,003	0,010	0,130	FALSE
0,068	0,308	0,001	0,010	0,049	FALSE

0,150	0,299	0,006	0,012	0,217	FALSE
0,124	0,294	0,003	0,006	0,185	FALSE
0,021	0,301	0,001	0,008	0,035	FALSE
-0,053	0,302	-0,002	0,012	0,076	FALSE
0,109	0,289	0,003	0,008	0,163	FALSE
0,104	0,298	0,003	0,009	0,152	FALSE
0,056	0,326	0,001	0,010	0,039	FALSE
0,012	0,314	0,000	0,006	0,028	FALSE
0,126	0,297	0,003	0,007	0,167	FALSE
-0,092	0,309	-0,002	0,008	0,103	FALSE
-0,104	0,295	-0,002	0,008	0,119	FALSE
0,063	0,305	0,003	0,012	0,111	FALSE
0,120	0,305	0,003	0,007	0,172	FALSE
-0,054	0,311	-0,001	0,008	0,064	FALSE
-0,083	0,313	-0,001	0,009	0,062	FALSE
-0,081	0,297	-0,004	0,011	0,143	FALSE
-0,082	0,310	-0,004	0,012	0,124	FALSE
0,054	0,314	0,002	0,011	0,080	FALSE
-0,021	0,314	-0,001	0,008	0,027	FALSE
0,092	0,301	0,004	0,012	0,137	FALSE
0,123	0,302	0,003	0,007	0,190	FALSE
0,059	0,298	0,003	0,011	0,091	FALSE
-0,162	0,297	-0,005	0,008	0,241	FALSE
0,009	0,303	0,001	0,008	0,041	FALSE
-0,092	0,310	-0,003	0,012	0,111	FALSE
0,008	0,309	0,001	0,012	0,018	FALSE
-0,034	0,307	-0,001	0,012	0,035	FALSE
0,050	0,312	0,001	0,007	0,080	FALSE
-0,007	0,308	-0,001	0,006	0,029	FALSE
0,018	0,288	0,001	0,007	0,063	FALSE
-0,129	0,298	-0,004	0,010	0,175	FALSE
-0,015	0,301	0,000	0,008	0,014	FALSE
-0,039	0,295	0,000	0,012	0,013	FALSE
-0,004	0,304	0,001	0,013	0,033	FALSE
0,009	0,312	0,000	0,011	0,013	FALSE
0,131	0,289	0,004	0,013	0,126	FALSE
-0,054	0,313	-0,001	0,013	0,034	FALSE
-0,040	0,284	-0,001	0,011	0,016	FALSE
-0,053	0,311	-0,001	0,012	0,025	FALSE
-0,054	0,300	-0,001	0,012	0,020	FALSE
-0,075	0,293	-0,002	0,012	0,063	FALSE
0,093	0,292	0,003	0,010	0,098	FALSE
-0,088	0,298	-0,002	0,008	0,117	FALSE
-0,046	0,296	-0,001	0,008	0,024	FALSE
-0,015	0,308	0,000	0,007	0,007	FALSE
-0,095	0,312	-0,002	0,007	0,115	FALSE
-0,112	0,313	-0,002	0,006	0,133	FALSE
0,098	0,301	0,005	0,012	0,169	FALSE
0,088	0,304	0,003	0,010	0,103	FALSE
0,093	0,301	0,003	0,009	0,108	FALSE
0,033	0,304	0,002	0,009	0,070	FALSE
-0,102	0,305	-0,003	0,007	0,139	FALSE
-0,033	0,297	-0,002	0,010	0,090	FALSE

0,096	0,309	0,002	0,007	0,093	FALSE
-0,067	0,319	-0,002	0,008	0,082	FALSE
-0,004	0,318	0,000	0,008	0,000	FALSE
-0,094	0,303	-0,002	0,013	0,070	FALSE
-0,013	0,313	-0,001	0,011	0,023	FALSE
0,045	0,301	0,001	0,007	0,054	FALSE
-0,126	0,306	-0,004	0,009	0,182	FALSE
0,081	0,305	0,003	0,011	0,099	FALSE
0,054	0,312	0,003	0,012	0,079	FALSE
0,087	0,311	0,003	0,012	0,093	FALSE
-0,013	0,299	0,000	0,007	0,019	FALSE
0,000	0,308	-0,001	0,013	0,034	FALSE
-0,064	0,311	-0,001	0,008	0,065	FALSE
-0,039	0,298	-0,001	0,012	0,035	FALSE
-0,067	0,308	-0,001	0,009	0,057	FALSE
0,014	0,312	0,000	0,009	0,003	FALSE
-0,036	0,320	-0,001	0,010	0,030	FALSE
-0,017	0,301	0,000	0,009	0,005	FALSE
-0,053	0,323	-0,001	0,009	0,042	FALSE
0,037	0,300	0,001	0,008	0,043	FALSE
0,062	0,296	0,002	0,012	0,064	FALSE
0,099	0,319	0,004	0,012	0,114	FALSE
0,196	0,284	0,006	0,008	0,353	FALSE
0,072	0,308	0,003	0,012	0,083	FALSE
-0,154	0,310	-0,006	0,012	0,216	FALSE
0,101	0,312	0,004	0,010	0,163	FALSE
0,015	0,322	0,001	0,008	0,040	FALSE
0,043	0,302	0,002	0,008	0,073	FALSE
-0,007	0,310	0,000	0,007	0,014	FALSE
0,039	0,317	0,001	0,010	0,051	FALSE
-0,014	0,308	-0,001	0,009	0,037	FALSE
-0,026	0,314	-0,001	0,006	0,030	FALSE
0,071	0,317	0,002	0,008	0,093	FALSE
0,183	0,291	0,005	0,008	0,269	FALSE
0,015	0,323	0,000	0,007	0,018	FALSE
-0,056	0,296	-0,002	0,008	0,069	FALSE
0,091	0,309	0,003	0,009	0,129	FALSE
-0,104	0,302	-0,004	0,011	0,158	FALSE
-0,114	0,301	-0,004	0,011	0,164	FALSE
-0,096	0,303	-0,004	0,011	0,137	FALSE
-0,088	0,303	-0,003	0,011	0,119	FALSE
0,001	0,280	0,000	0,008	0,022	FALSE
0,064	0,308	0,004	0,013	0,122	FALSE
0,032	0,316	0,001	0,008	0,044	FALSE
0,069	0,296	0,002	0,010	0,086	FALSE
-0,048	0,304	-0,003	0,009	0,124	FALSE
0,149	0,310	0,005	0,009	0,224	FALSE
-0,014	0,306	0,000	0,012	0,011	FALSE
-0,011	0,307	0,000	0,010	0,007	FALSE
0,035	0,299	0,002	0,008	0,073	FALSE
0,004	0,306	-0,001	0,012	0,022	FALSE
0,007	0,292	0,000	0,011	0,005	FALSE
0,035	0,300	0,000	0,011	0,011	FALSE

-0,019	0,309	0,000	0,012	0,002	FALSE
-0,026	0,308	0,000	0,012	0,007	FALSE
0,045	0,318	0,001	0,011	0,030	FALSE
0,016	0,306	0,001	0,011	0,048	FALSE
0,002	0,306	0,000	0,009	0,005	FALSE
-0,065	0,308	-0,003	0,011	0,091	FALSE
-0,001	0,295	0,001	0,011	0,019	FALSE
-0,073	0,290	-0,002	0,007	0,099	FALSE
0,134	0,298	0,004	0,009	0,194	FALSE
0,089	0,305	0,004	0,011	0,128	FALSE
0,047	0,314	0,001	0,009	0,054	FALSE
0,051	0,313	0,002	0,012	0,067	FALSE
-0,051	0,294	-0,001	0,007	0,068	FALSE
0,045	0,298	0,001	0,008	0,054	FALSE
-0,139	0,303	-0,003	0,006	0,172	FALSE
0,095	0,300	0,003	0,011	0,094	FALSE
0,102	0,285	0,003	0,011	0,105	FALSE
0,000	0,307	0,000	0,007	0,023	FALSE
0,017	0,298	0,000	0,006	0,001	FALSE
-0,012	0,302	0,000	0,008	0,002	FALSE
0,005	0,314	0,000	0,009	0,020	FALSE
0,001	0,322	0,000	0,010	0,006	FALSE
-0,009	0,310	0,000	0,013	0,009	FALSE
0,108	0,299	0,003	0,008	0,169	FALSE
-0,072	0,308	-0,002	0,007	0,102	FALSE
-0,057	0,312	-0,002	0,010	0,065	FALSE
0,025	0,296	0,000	0,006	0,023	FALSE
0,146	0,308	0,004	0,010	0,185	FALSE
0,128	0,296	0,006	0,012	0,190	FALSE
0,017	0,309	0,000	0,007	0,003	FALSE
0,186	0,304	0,004	0,007	0,272	FALSE
0,072	0,301	0,002	0,013	0,059	FALSE
-0,021	0,298	0,000	0,012	0,004	FALSE
-0,141	0,296	-0,004	0,011	0,145	FALSE
-0,028	0,309	0,000	0,011	0,002	FALSE
0,177	0,293	0,005	0,007	0,297	FALSE
0,162	0,312	0,004	0,008	0,237	FALSE
-0,012	0,298	0,000	0,007	0,001	FALSE
0,080	0,313	0,002	0,007	0,091	FALSE
-0,106	0,307	-0,004	0,011	0,123	FALSE
-0,032	0,316	-0,001	0,009	0,058	FALSE
0,039	0,293	0,001	0,007	0,076	FALSE
-0,143	0,314	-0,003	0,007	0,195	FALSE
0,045	0,317	0,001	0,008	0,050	FALSE
-0,074	0,313	-0,001	0,006	0,077	FALSE
-0,002	0,292	0,000	0,012	0,007	FALSE
-0,105	0,279	-0,004	0,011	0,155	FALSE
-0,023	0,316	-0,001	0,008	0,030	FALSE
0,137	0,314	0,005	0,009	0,203	FALSE
-0,066	0,311	-0,002	0,007	0,079	FALSE
0,006	0,310	0,001	0,009	0,030	FALSE
0,070	0,314	0,003	0,012	0,097	FALSE
-0,017	0,314	0,000	0,007	0,002	FALSE

-0,008	0,314	0,000	0,007	0,008	FALSE
0,000	0,305	0,000	0,012	0,012	FALSE
-0,050	0,311	-0,002	0,012	0,055	FALSE
-0,096	0,308	-0,003	0,007	0,154	FALSE
-0,001	0,303	0,000	0,011	0,013	FALSE
-0,156	0,320	-0,004	0,009	0,209	FALSE
-0,149	0,310	-0,004	0,009	0,182	FALSE
-0,065	0,307	-0,002	0,009	0,086	FALSE
-0,157	0,308	-0,007	0,013	0,232	FALSE
-0,008	0,310	0,000	0,007	0,000	FALSE
-0,045	0,305	-0,002	0,013	0,050	FALSE
-0,054	0,303	-0,002	0,012	0,067	FALSE
-0,029	0,310	-0,001	0,006	0,039	FALSE
-0,086	0,310	-0,003	0,013	0,103	FALSE
0,008	0,308	0,001	0,011	0,019	FALSE
-0,033	0,316	-0,002	0,008	0,074	FALSE
-0,003	0,308	0,001	0,012	0,015	FALSE
0,020	0,315	0,000	0,008	0,001	FALSE
-0,022	0,306	0,000	0,007	0,024	FALSE
0,022	0,308	0,001	0,012	0,021	FALSE
0,025	0,299	0,001	0,010	0,025	FALSE
0,105	0,298	0,004	0,008	0,180	FALSE
-0,027	0,308	0,000	0,007	0,007	FALSE
0,084	0,300	0,003	0,010	0,138	FALSE
0,205	0,299	0,005	0,007	0,328	FALSE
-0,013	0,297	-0,001	0,010	0,033	FALSE
-0,100	0,302	-0,002	0,006	0,106	FALSE
-0,087	0,313	-0,002	0,010	0,089	FALSE
0,045	0,318	0,002	0,009	0,073	FALSE
0,010	0,294	0,000	0,007	0,009	FALSE
-0,077	0,299	-0,002	0,011	0,085	FALSE
0,091	0,288	0,004	0,012	0,148	FALSE
0,072	0,302	0,002	0,007	0,101	FALSE
0,042	0,302	0,001	0,008	0,064	FALSE
0,064	0,326	0,001	0,009	0,053	FALSE
-0,016	0,307	-0,001	0,008	0,046	FALSE
0,071	0,319	0,002	0,010	0,080	FALSE
0,056	0,325	0,002	0,009	0,073	FALSE
-0,145	0,302	-0,004	0,008	0,211	FALSE
0,000	0,315	0,000	0,009	0,003	FALSE
0,127	0,293	0,006	0,011	0,210	FALSE
-0,082	0,307	-0,003	0,012	0,087	FALSE
0,081	0,295	0,002	0,012	0,048	FALSE
0,001	0,294	-0,001	0,009	0,022	FALSE
-0,150	0,308	-0,005	0,009	0,220	FALSE
0,012	0,312	-0,001	0,010	0,020	FALSE
0,014	0,315	0,001	0,013	0,020	FALSE
0,008	0,295	0,000	0,007	0,003	FALSE
-0,174	0,293	-0,008	0,012	0,294	FALSE
-0,111	0,298	-0,004	0,009	0,158	FALSE
0,089	0,310	0,003	0,011	0,093	FALSE
-0,231	0,290	-0,011	0,013	0,419	FALSE
-0,133	0,303	-0,003	0,007	0,161	FALSE

-0,087	0,305	-0,003	0,010	0,100	FALSE
-0,057	0,298	-0,001	0,007	0,054	FALSE
0,061	0,310	0,002	0,012	0,046	FALSE
0,055	0,320	0,002	0,012	0,069	FALSE
0,096	0,309	0,004	0,011	0,127	FALSE
0,084	0,302	0,003	0,011	0,112	FALSE
0,086	0,307	0,003	0,011	0,110	FALSE
0,101	0,322	0,004	0,012	0,132	FALSE
0,108	0,313	0,004	0,012	0,142	FALSE
-0,065	0,309	-0,003	0,012	0,091	FALSE
-0,093	0,308	-0,002	0,007	0,109	FALSE
0,059	0,310	0,002	0,007	0,100	FALSE
0,046	0,309	0,001	0,009	0,047	FALSE
0,056	0,305	0,001	0,009	0,059	FALSE
0,059	0,313	0,001	0,006	0,055	FALSE
0,059	0,322	0,001	0,007	0,059	FALSE
-0,021	0,296	0,000	0,007	0,024	FALSE
0,001	0,305	0,000	0,009	0,006	FALSE
0,098	0,293	0,004	0,010	0,161	FALSE
0,071	0,302	0,001	0,006	0,078	FALSE
0,069	0,298	0,003	0,008	0,130	FALSE
-0,049	0,304	-0,002	0,009	0,082	FALSE
0,011	0,291	0,000	0,010	0,008	FALSE
-0,039	0,290	-0,002	0,010	0,073	FALSE
-0,091	0,293	-0,003	0,011	0,100	FALSE
-0,046	0,303	-0,001	0,009	0,049	FALSE
-0,121	0,315	-0,005	0,010	0,185	FALSE
0,031	0,298	0,002	0,011	0,076	FALSE
-0,036	0,312	-0,002	0,013	0,057	FALSE
-0,079	0,301	-0,004	0,012	0,131	FALSE
-0,142	0,303	-0,006	0,013	0,201	FALSE
-0,071	0,293	-0,004	0,012	0,120	FALSE
-0,080	0,305	-0,004	0,013	0,130	FALSE
0,083	0,294	0,004	0,012	0,122	FALSE
0,066	0,308	0,001	0,007	0,066	FALSE
0,044	0,306	0,001	0,010	0,049	FALSE
0,119	0,307	0,003	0,006	0,178	FALSE
0,072	0,308	0,002	0,010	0,079	FALSE
-0,155	0,315	-0,003	0,007	0,192	FALSE
0,188	0,284	0,007	0,009	0,339	FALSE
0,191	0,289	0,007	0,010	0,321	FALSE
-0,210	0,299	-0,010	0,012	0,356	FALSE
0,163	0,294	0,007	0,011	0,285	FALSE
0,055	0,311	0,001	0,007	0,065	FALSE
0,064	0,293	0,001	0,007	0,064	FALSE
-0,045	0,298	-0,001	0,009	0,020	FALSE
-0,105	0,307	-0,002	0,007	0,109	FALSE
-0,020	0,297	-0,001	0,012	0,027	FALSE
-0,070	0,301	-0,004	0,012	0,123	FALSE
-0,053	0,305	-0,003	0,012	0,093	FALSE
-0,093	0,296	-0,003	0,013	0,093	FALSE
0,057	0,311	0,002	0,013	0,051	FALSE
-0,066	0,323	-0,002	0,012	0,054	FALSE

-0,098	0,307	-0,002	0,007	0,128	FALSE
0,055	0,306	0,001	0,007	0,067	FALSE
0,051	0,307	0,002	0,012	0,051	FALSE
0,064	0,307	0,003	0,013	0,086	FALSE
0,080	0,295	0,002	0,007	0,091	FALSE
0,030	0,302	0,002	0,012	0,058	FALSE
0,053	0,303	0,002	0,011	0,087	FALSE
-0,024	0,320	0,000	0,011	0,009	FALSE
0,096	0,295	0,003	0,011	0,102	FALSE
0,061	0,296	0,001	0,007	0,050	FALSE
-0,121	0,302	-0,005	0,012	0,165	FALSE
0,019	0,309	0,000	0,011	0,006	FALSE
0,011	0,313	0,000	0,011	0,004	FALSE
0,079	0,306	0,004	0,012	0,135	FALSE
-0,016	0,318	-0,001	0,011	0,027	FALSE
-0,130	0,299	-0,003	0,009	0,148	FALSE
0,101	0,311	0,004	0,012	0,124	FALSE
0,060	0,301	0,002	0,008	0,069	FALSE
0,031	0,305	0,001	0,009	0,021	FALSE
0,003	0,308	0,002	0,013	0,043	FALSE
-0,016	0,308	0,001	0,011	0,021	FALSE
-0,010	0,307	-0,001	0,009	0,025	FALSE
-0,071	0,307	-0,001	0,007	0,072	FALSE
-0,012	0,309	-0,001	0,010	0,026	FALSE
-0,010	0,310	0,000	0,012	0,000	FALSE
0,067	0,311	0,003	0,011	0,095	FALSE
-0,004	0,305	0,000	0,007	0,006	FALSE
0,013	0,302	0,000	0,012	0,006	FALSE
-0,046	0,290	-0,002	0,010	0,071	FALSE
0,001	0,313	0,000	0,006	0,002	FALSE
-0,013	0,307	0,000	0,006	0,021	FALSE
0,134	0,311	0,005	0,013	0,168	FALSE
-0,186	0,297	-0,004	0,007	0,263	FALSE
0,061	0,307	0,002	0,012	0,063	FALSE
0,034	0,322	0,001	0,013	0,035	FALSE
0,207	0,288	0,007	0,012	0,268	FALSE
-0,119	0,295	-0,003	0,009	0,150	FALSE
0,010	0,311	0,000	0,007	0,002	FALSE
0,097	0,293	0,002	0,011	0,076	FALSE
-0,083	0,297	-0,002	0,006	0,110	FALSE
0,041	0,319	0,001	0,006	0,072	FALSE
0,005	0,322	-0,001	0,013	0,028	FALSE
-0,033	0,311	-0,001	0,010	0,042	FALSE
0,056	0,313	0,002	0,007	0,078	FALSE
0,024	0,307	0,001	0,007	0,041	FALSE
-0,121	0,313	-0,004	0,011	0,158	FALSE
0,045	0,304	0,001	0,006	0,045	FALSE
0,167	0,307	0,005	0,009	0,211	FALSE
0,000	0,309	0,000	0,008	0,018	FALSE
-0,156	0,306	-0,006	0,011	0,227	FALSE
-0,015	0,319	0,000	0,008	0,012	FALSE
0,036	0,313	0,001	0,007	0,042	FALSE
0,141	0,318	0,005	0,011	0,182	FALSE

0,029	0,305	0,000	0,007	0,022	FALSE
-0,034	0,315	-0,001	0,006	0,043	FALSE
-0,040	0,316	0,000	0,008	0,021	FALSE
-0,112	0,312	-0,003	0,008	0,160	FALSE
0,113	0,296	0,003	0,007	0,192	FALSE
-0,166	0,304	-0,005	0,009	0,262	FALSE
-0,023	0,306	-0,002	0,011	0,062	FALSE
0,029	0,308	0,000	0,012	0,001	FALSE
-0,186	0,305	-0,004	0,007	0,250	FALSE
0,041	0,317	0,001	0,008	0,033	FALSE
0,084	0,307	0,002	0,012	0,067	FALSE
0,068	0,314	0,002	0,012	0,049	FALSE
0,085	0,315	0,003	0,013	0,074	FALSE
0,046	0,307	0,003	0,012	0,086	FALSE
0,012	0,309	0,000	0,006	0,005	FALSE
-0,073	0,304	-0,005	0,012	0,148	FALSE
-0,097	0,310	-0,003	0,009	0,126	FALSE
0,047	0,306	0,000	0,013	0,013	FALSE
0,045	0,314	0,000	0,010	0,012	FALSE
-0,030	0,317	-0,001	0,007	0,027	FALSE
0,056	0,298	0,003	0,008	0,128	FALSE
0,029	0,302	0,001	0,007	0,032	FALSE
-0,125	0,285	-0,003	0,007	0,179	FALSE
0,072	0,306	0,002	0,007	0,109	FALSE
-0,032	0,298	-0,001	0,008	0,063	FALSE
0,034	0,312	0,001	0,011	0,045	FALSE
0,022	0,304	0,001	0,011	0,027	FALSE
0,048	0,312	0,001	0,011	0,049	FALSE
0,028	0,302	0,001	0,007	0,059	FALSE
0,036	0,290	0,001	0,006	0,070	FALSE
0,013	0,316	0,001	0,010	0,032	FALSE
0,037	0,315	0,002	0,010	0,059	FALSE
0,030	0,305	0,001	0,007	0,027	FALSE
-0,042	0,299	-0,002	0,012	0,053	FALSE
0,008	0,314	0,001	0,010	0,023	FALSE
0,113	0,306	0,004	0,011	0,143	FALSE
0,037	0,313	0,002	0,009	0,060	FALSE
0,116	0,306	0,003	0,007	0,151	FALSE
-0,076	0,302	-0,003	0,011	0,112	FALSE
-0,137	0,301	-0,004	0,008	0,203	FALSE
0,121	0,307	0,003	0,008	0,158	FALSE
0,048	0,321	0,001	0,010	0,045	FALSE
0,066	0,308	0,001	0,007	0,076	FALSE
-0,127	0,293	-0,003	0,007	0,175	FALSE
0,057	0,303	0,002	0,013	0,045	FALSE
0,004	0,303	0,001	0,008	0,037	FALSE
-0,042	0,305	-0,001	0,006	0,039	FALSE
-0,096	0,302	-0,002	0,008	0,102	FALSE
-0,144	0,305	-0,004	0,008	0,201	FALSE
0,011	0,298	0,001	0,012	0,035	FALSE
0,012	0,308	0,001	0,011	0,046	FALSE
0,003	0,300	0,000	0,007	0,003	FALSE
0,084	0,304	0,002	0,007	0,127	FALSE

-0,131	0,316	-0,004	0,008	0,190	FALSE
-0,170	0,300	-0,004	0,007	0,206	FALSE
0,068	0,312	0,002	0,007	0,099	FALSE
-0,019	0,305	-0,001	0,011	0,046	FALSE
0,012	0,315	0,001	0,006	0,047	FALSE
0,030	0,318	0,001	0,006	0,067	FALSE
-0,111	0,307	-0,002	0,007	0,134	FALSE
-0,041	0,318	-0,002	0,012	0,051	FALSE
0,081	0,302	0,002	0,007	0,110	FALSE
0,106	0,293	0,004	0,011	0,151	FALSE
-0,053	0,299	-0,001	0,007	0,046	FALSE
-0,037	0,300	0,000	0,007	0,020	FALSE
-0,010	0,299	0,000	0,007	0,009	FALSE
-0,112	0,315	-0,003	0,008	0,131	FALSE
-0,031	0,309	-0,001	0,012	0,041	FALSE
0,039	0,310	0,000	0,010	0,017	FALSE
0,017	0,296	0,000	0,009	0,003	FALSE
0,001	0,308	0,001	0,007	0,043	FALSE
-0,090	0,296	-0,003	0,008	0,132	FALSE
0,087	0,314	0,002	0,007	0,132	FALSE
-0,068	0,305	-0,002	0,008	0,084	FALSE
0,074	0,314	0,002	0,007	0,110	FALSE
0,076	0,310	0,003	0,011	0,103	FALSE
-0,003	0,314	0,000	0,011	0,008	FALSE
-0,050	0,319	-0,001	0,009	0,054	FALSE
0,017	0,305	0,001	0,011	0,018	FALSE
0,027	0,303	0,001	0,009	0,051	FALSE
-0,022	0,298	-0,001	0,007	0,043	FALSE
-0,044	0,306	0,000	0,007	0,013	FALSE
0,076	0,321	0,002	0,008	0,092	FALSE
-0,114	0,310	-0,003	0,008	0,160	FALSE
-0,135	0,307	-0,004	0,012	0,144	FALSE
-0,197	0,298	-0,007	0,011	0,276	FALSE
0,129	0,305	0,003	0,010	0,121	FALSE
-0,014	0,307	0,001	0,010	0,032	FALSE
0,025	0,306	0,001	0,011	0,036	FALSE
-0,033	0,300	-0,001	0,007	0,028	FALSE
0,061	0,304	0,002	0,009	0,061	FALSE
-0,023	0,308	0,000	0,007	0,007	FALSE
0,080	0,302	0,002	0,009	0,096	FALSE
-0,092	0,308	-0,003	0,012	0,097	FALSE
-0,024	0,299	0,000	0,007	0,023	FALSE
0,109	0,295	0,002	0,006	0,134	FALSE
0,059	0,299	0,002	0,008	0,074	FALSE
-0,063	0,300	-0,003	0,012	0,106	FALSE
0,021	0,295	0,000	0,011	0,006	FALSE
0,015	0,293	0,000	0,008	0,009	FALSE
0,054	0,312	0,001	0,007	0,047	FALSE
0,021	0,306	0,000	0,008	0,020	FALSE
-0,004	0,310	0,000	0,009	0,019	FALSE
0,017	0,302	0,001	0,010	0,039	FALSE
0,027	0,296	0,001	0,007	0,029	FALSE
-0,107	0,270	-0,006	0,012	0,209	FALSE

-0,128	0,281	-0,007	0,012	0,239	FALSE
-0,090	0,286	-0,003	0,009	0,129	FALSE
-0,078	0,301	-0,003	0,008	0,127	FALSE
0,114	0,285	0,007	0,012	0,251	FALSE
0,083	0,294	0,003	0,008	0,152	FALSE
-0,001	0,308	0,000	0,012	0,001	FALSE
0,080	0,306	0,002	0,006	0,098	FALSE
0,014	0,315	0,002	0,013	0,043	FALSE
0,008	0,309	0,001	0,012	0,040	FALSE
-0,080	0,295	-0,002	0,010	0,081	FALSE
0,079	0,307	0,004	0,012	0,123	FALSE
-0,029	0,309	-0,001	0,007	0,037	FALSE
-0,050	0,307	-0,002	0,011	0,067	FALSE
0,094	0,315	0,003	0,009	0,156	FALSE
-0,038	0,303	-0,002	0,008	0,093	FALSE
0,062	0,313	0,001	0,007	0,048	FALSE
0,102	0,320	0,002	0,008	0,106	FALSE
0,028	0,311	0,000	0,007	0,016	FALSE
0,037	0,311	0,001	0,009	0,023	FALSE
0,120	0,313	0,003	0,009	0,118	FALSE
0,031	0,317	0,001	0,008	0,054	FALSE
-0,144	0,302	-0,003	0,007	0,171	FALSE
0,101	0,306	0,004	0,010	0,149	FALSE
-0,011	0,310	0,000	0,007	0,004	FALSE
0,143	0,291	0,005	0,010	0,213	FALSE
0,034	0,312	0,002	0,012	0,058	FALSE
-0,083	0,305	-0,003	0,011	0,107	FALSE
0,098	0,299	0,003	0,009	0,153	FALSE
0,001	0,303	0,000	0,008	0,022	FALSE
0,122	0,307	0,004	0,010	0,170	FALSE
-0,075	0,322	-0,003	0,013	0,091	FALSE
0,060	0,300	0,002	0,011	0,063	FALSE
-0,148	0,314	-0,006	0,012	0,213	FALSE
-0,031	0,310	-0,001	0,012	0,043	FALSE
-0,117	0,310	-0,004	0,011	0,165	FALSE
0,085	0,311	0,004	0,012	0,134	FALSE
-0,001	0,316	0,000	0,012	0,009	FALSE
0,101	0,301	0,003	0,008	0,134	FALSE
-0,059	0,296	-0,002	0,011	0,072	FALSE
-0,065	0,295	-0,002	0,010	0,084	FALSE
-0,010	0,304	0,000	0,008	0,018	FALSE
-0,063	0,313	-0,002	0,012	0,056	FALSE
0,120	0,305	0,004	0,012	0,144	FALSE
0,124	0,296	0,004	0,012	0,149	FALSE
-0,083	0,309	-0,002	0,009	0,104	FALSE
0,105	0,317	0,004	0,012	0,120	FALSE
-0,091	0,309	-0,003	0,012	0,096	FALSE
-0,067	0,308	-0,002	0,012	0,057	FALSE
-0,038	0,319	-0,002	0,009	0,074	FALSE
-0,033	0,304	0,000	0,012	0,011	FALSE
0,066	0,322	0,003	0,011	0,091	FALSE
0,018	0,316	0,001	0,012	0,029	FALSE
0,026	0,312	0,000	0,007	0,019	FALSE

0,058	0,294	0,003	0,011	0,096	FALSE
0,007	0,309	0,001	0,012	0,023	FALSE
0,063	0,303	0,001	0,007	0,071	FALSE
-0,084	0,318	-0,002	0,007	0,100	FALSE
0,050	0,304	0,001	0,007	0,043	FALSE
0,147	0,305	0,005	0,008	0,245	FALSE
-0,053	0,322	0,000	0,007	0,020	FALSE
0,084	0,299	0,003	0,011	0,106	FALSE
0,031	0,310	0,001	0,007	0,040	FALSE
0,046	0,315	0,001	0,007	0,060	FALSE
-0,032	0,305	-0,001	0,011	0,035	FALSE
-0,076	0,291	-0,002	0,011	0,080	FALSE
-0,064	0,308	-0,002	0,012	0,062	FALSE
-0,097	0,303	-0,003	0,012	0,107	FALSE
0,000	0,311	-0,001	0,012	0,020	FALSE
0,017	0,312	0,000	0,013	0,007	FALSE
-0,001	0,311	-0,001	0,012	0,016	FALSE
-0,111	0,305	-0,003	0,009	0,148	FALSE
0,041	0,308	0,001	0,008	0,047	FALSE
-0,101	0,310	-0,002	0,009	0,110	FALSE
0,118	0,315	0,005	0,011	0,171	FALSE
0,150	0,297	0,004	0,007	0,223	FALSE
-0,017	0,302	0,000	0,008	0,015	FALSE
-0,146	0,301	-0,005	0,012	0,183	FALSE
0,186	0,297	0,006	0,009	0,315	FALSE
-0,058	0,318	-0,002	0,007	0,087	FALSE
-0,128	0,306	-0,004	0,009	0,182	FALSE
-0,008	0,313	0,000	0,008	0,003	FALSE
0,231	0,300	0,007	0,008	0,376	FALSE
0,244	0,294	0,007	0,008	0,396	FALSE
0,058	0,305	0,001	0,007	0,075	FALSE
0,083	0,305	0,003	0,013	0,099	FALSE
0,084	0,295	0,003	0,011	0,106	FALSE
0,081	0,298	0,003	0,011	0,095	FALSE
-0,100	0,312	-0,003	0,010	0,126	FALSE
-0,019	0,306	-0,001	0,012	0,030	FALSE
-0,067	0,316	-0,004	0,013	0,107	FALSE
0,000	0,292	0,001	0,012	0,039	FALSE
0,200	0,292	0,007	0,010	0,341	FALSE
0,143	0,286	0,005	0,010	0,227	FALSE
0,168	0,306	0,006	0,010	0,245	FALSE
0,137	0,301	0,005	0,010	0,208	FALSE
0,100	0,319	0,004	0,010	0,133	FALSE
-0,048	0,309	-0,001	0,012	0,046	FALSE
0,126	0,292	0,006	0,012	0,234	FALSE
0,026	0,324	0,001	0,011	0,025	FALSE
0,051	0,309	0,002	0,012	0,057	FALSE
-0,171	0,307	-0,004	0,007	0,232	FALSE
-0,103	0,306	-0,003	0,008	0,150	FALSE
-0,159	0,291	-0,003	0,006	0,223	FALSE
-0,011	0,308	0,000	0,006	0,014	FALSE
0,024	0,320	0,001	0,012	0,016	FALSE
0,031	0,323	0,001	0,012	0,022	FALSE

0,011	0,308	0,000	0,012	0,006	FALSE
0,146	0,302	0,004	0,008	0,188	FALSE
0,122	0,318	0,003	0,008	0,159	FALSE
-0,041	0,296	-0,001	0,007	0,079	FALSE
-0,019	0,309	-0,001	0,008	0,028	FALSE
0,105	0,297	0,004	0,011	0,133	FALSE
-0,052	0,313	-0,003	0,012	0,097	FALSE
-0,103	0,305	-0,005	0,012	0,168	FALSE
-0,100	0,299	-0,003	0,009	0,126	FALSE
0,058	0,333	0,001	0,010	0,029	FALSE
-0,081	0,305	-0,003	0,008	0,148	FALSE
0,031	0,315	0,002	0,010	0,063	FALSE
0,003	0,307	0,000	0,010	0,017	FALSE
0,021	0,319	0,001	0,011	0,019	FALSE
0,132	0,302	0,003	0,006	0,170	FALSE
-0,057	0,306	-0,003	0,012	0,092	FALSE
0,003	0,311	-0,001	0,009	0,021	FALSE
0,031	0,299	0,001	0,011	0,028	FALSE
0,050	0,313	0,001	0,010	0,043	FALSE
-0,025	0,305	-0,001	0,012	0,035	FALSE
0,054	0,308	0,001	0,009	0,042	FALSE
-0,043	0,303	-0,002	0,009	0,082	FALSE
-0,018	0,324	-0,001	0,008	0,035	FALSE
-0,048	0,304	-0,002	0,010	0,075	FALSE
-0,097	0,309	-0,003	0,009	0,130	FALSE
0,101	0,299	0,004	0,011	0,147	FALSE
0,062	0,324	0,001	0,006	0,066	FALSE
-0,131	0,297	-0,003	0,007	0,196	FALSE
-0,098	0,307	-0,004	0,012	0,123	FALSE
-0,033	0,311	-0,001	0,009	0,052	FALSE
-0,027	0,308	-0,001	0,009	0,031	FALSE
-0,159	0,314	-0,004	0,009	0,216	FALSE
0,167	0,292	0,004	0,007	0,262	FALSE
0,090	0,316	0,002	0,007	0,118	FALSE
0,008	0,307	0,001	0,008	0,023	FALSE
-0,028	0,299	-0,001	0,008	0,040	FALSE
0,027	0,305	0,001	0,006	0,042	FALSE
-0,058	0,298	-0,002	0,007	0,099	FALSE
0,000	0,298	0,000	0,009	0,011	FALSE
0,015	0,313	0,001	0,010	0,026	FALSE
0,026	0,302	0,001	0,009	0,059	FALSE
0,110	0,303	0,004	0,008	0,205	FALSE
-0,069	0,302	-0,003	0,012	0,089	FALSE
-0,115	0,293	-0,004	0,012	0,154	FALSE
-0,061	0,313	-0,001	0,007	0,032	FALSE
-0,086	0,306	-0,002	0,007	0,104	FALSE
-0,079	0,325	-0,003	0,012	0,109	FALSE
0,116	0,311	0,006	0,013	0,185	FALSE
-0,038	0,313	-0,002	0,011	0,055	FALSE
0,013	0,294	0,000	0,012	0,010	FALSE
0,024	0,312	0,000	0,011	0,005	FALSE
0,255	0,289	0,006	0,007	0,436	FALSE
0,006	0,311	0,000	0,009	0,008	FALSE

0,049	0,315	0,002	0,009	0,064	FALSE
-0,033	0,302	-0,001	0,010	0,036	FALSE
0,058	0,306	0,001	0,007	0,060	FALSE
0,060	0,306	0,002	0,012	0,054	FALSE
-0,036	0,314	-0,002	0,012	0,049	FALSE
0,008	0,305	0,000	0,006	0,011	FALSE
0,117	0,307	0,005	0,013	0,145	FALSE
0,037	0,307	0,000	0,006	0,011	FALSE
-0,045	0,296	-0,002	0,009	0,063	FALSE
0,012	0,304	0,000	0,011	0,011	FALSE
-0,018	0,312	0,000	0,007	0,023	FALSE
-0,047	0,302	-0,002	0,009	0,078	FALSE
0,146	0,294	0,003	0,006	0,178	FALSE
0,007	0,310	0,001	0,009	0,044	FALSE
0,005	0,309	0,001	0,013	0,023	FALSE
-0,023	0,308	-0,001	0,006	0,055	FALSE
-0,047	0,315	-0,001	0,008	0,064	FALSE
-0,057	0,302	-0,001	0,009	0,057	FALSE
0,033	0,301	0,001	0,008	0,062	FALSE
0,084	0,293	0,002	0,007	0,104	FALSE
-0,073	0,311	-0,002	0,010	0,092	FALSE
0,008	0,311	0,001	0,013	0,023	FALSE
0,039	0,305	0,002	0,009	0,086	FALSE
0,066	0,308	0,003	0,012	0,104	FALSE
0,204	0,308	0,005	0,008	0,292	FALSE
-0,174	0,305	-0,004	0,007	0,259	FALSE
0,023	0,317	0,000	0,007	0,021	FALSE
-0,066	0,309	-0,001	0,009	0,042	FALSE
-0,066	0,304	-0,001	0,006	0,037	FALSE
0,015	0,303	0,002	0,011	0,070	FALSE
0,030	0,305	0,001	0,012	0,031	FALSE
-0,163	0,305	-0,004	0,007	0,233	FALSE
-0,198	0,295	-0,005	0,007	0,302	FALSE
0,138	0,309	0,002	0,007	0,139	FALSE
0,021	0,311	0,001	0,006	0,056	FALSE
-0,004	0,318	0,000	0,007	0,016	FALSE
0,004	0,307	0,000	0,007	0,022	FALSE
0,063	0,317	0,002	0,011	0,056	FALSE
0,068	0,303	0,002	0,006	0,093	FALSE
0,038	0,302	0,002	0,009	0,079	FALSE
0,029	0,306	0,002	0,009	0,063	FALSE
0,029	0,303	0,001	0,009	0,057	FALSE
-0,077	0,302	-0,001	0,007	0,075	FALSE
0,107	0,311	0,003	0,010	0,118	FALSE
-0,030	0,297	-0,001	0,006	0,040	FALSE
-0,045	0,318	-0,002	0,008	0,071	FALSE
0,014	0,307	0,000	0,011	0,012	FALSE
0,019	0,307	0,001	0,011	0,016	FALSE
0,214	0,306	0,005	0,007	0,308	FALSE
0,020	0,306	0,000	0,008	0,019	FALSE
0,023	0,304	0,000	0,008	0,022	FALSE
0,094	0,305	0,002	0,008	0,115	FALSE
-0,024	0,290	0,000	0,008	0,000	FALSE

0,142	0,304	0,003	0,008	0,140	FALSE
0,121	0,306	0,002	0,008	0,126	FALSE
0,011	0,308	0,001	0,011	0,018	FALSE
0,079	0,306	0,002	0,007	0,099	FALSE
-0,022	0,304	-0,001	0,012	0,041	FALSE
-0,087	0,313	-0,004	0,012	0,130	FALSE
0,072	0,300	0,003	0,012	0,086	FALSE
0,033	0,311	0,002	0,011	0,081	FALSE
-0,023	0,301	-0,001	0,007	0,025	FALSE
-0,108	0,303	-0,004	0,009	0,157	FALSE
-0,040	0,315	-0,001	0,013	0,035	FALSE
-0,007	0,298	0,000	0,011	0,001	FALSE
-0,093	0,301	-0,004	0,012	0,126	FALSE
0,037	0,307	0,001	0,007	0,049	FALSE
0,045	0,316	0,002	0,012	0,052	FALSE
0,045	0,311	0,002	0,011	0,064	FALSE
-0,013	0,303	0,000	0,011	0,008	FALSE
0,001	0,319	0,001	0,012	0,022	FALSE
-0,024	0,315	-0,001	0,011	0,035	FALSE
-0,011	0,322	0,000	0,011	0,010	FALSE
0,010	0,321	0,000	0,007	0,005	FALSE
0,055	0,304	0,002	0,012	0,076	FALSE
0,049	0,309	0,002	0,008	0,072	FALSE
0,015	0,305	0,001	0,006	0,041	FALSE
-0,057	0,300	-0,003	0,011	0,122	FALSE
-0,073	0,310	-0,002	0,010	0,092	FALSE
0,026	0,307	0,001	0,009	0,033	FALSE
-0,035	0,318	0,000	0,009	0,018	FALSE
0,084	0,310	0,001	0,006	0,084	FALSE
0,076	0,320	0,003	0,009	0,112	FALSE
0,072	0,313	0,002	0,008	0,093	FALSE
0,035	0,310	0,001	0,011	0,038	FALSE
0,081	0,311	0,002	0,009	0,102	FALSE
-0,002	0,297	-0,001	0,012	0,017	FALSE
0,089	0,317	0,003	0,010	0,111	FALSE
-0,154	0,324	-0,006	0,012	0,205	FALSE
0,130	0,298	0,004	0,007	0,209	FALSE
-0,010	0,316	-0,001	0,008	0,043	FALSE
-0,069	0,315	-0,003	0,013	0,073	FALSE
0,085	0,305	0,002	0,010	0,095	FALSE
0,104	0,319	0,003	0,007	0,154	FALSE
0,134	0,295	0,005	0,012	0,180	FALSE
0,088	0,314	0,002	0,007	0,124	FALSE
0,107	0,304	0,002	0,007	0,148	FALSE
0,101	0,293	0,003	0,007	0,159	FALSE
-0,120	0,306	-0,005	0,012	0,183	FALSE
-0,070	0,319	-0,002	0,009	0,084	FALSE
-0,015	0,313	0,000	0,006	0,011	FALSE
0,082	0,303	0,003	0,010	0,111	FALSE
-0,117	0,301	-0,003	0,008	0,149	FALSE
-0,092	0,310	-0,003	0,009	0,118	FALSE
-0,098	0,305	-0,003	0,009	0,126	FALSE
0,060	0,314	0,002	0,007	0,101	FALSE

0,046	0,307	0,000	0,008	0,020	FALSE
-0,078	0,307	-0,003	0,011	0,117	FALSE
0,026	0,324	0,001	0,008	0,031	FALSE
0,089	0,313	0,004	0,012	0,117	FALSE
-0,006	0,305	-0,001	0,010	0,018	FALSE
0,003	0,310	0,001	0,007	0,033	FALSE
-0,071	0,291	-0,003	0,010	0,127	FALSE
0,170	0,307	0,006	0,010	0,243	FALSE
0,258	0,291	0,010	0,011	0,465	FALSE
-0,153	0,296	-0,004	0,008	0,206	FALSE
0,220	0,286	0,009	0,011	0,368	FALSE
-0,035	0,309	-0,001	0,012	0,019	FALSE
0,003	0,319	0,000	0,010	0,003	FALSE
0,002	0,320	0,000	0,011	0,011	FALSE
-0,024	0,313	-0,001	0,010	0,042	FALSE
-0,001	0,308	0,000	0,008	0,014	FALSE
0,024	0,323	0,001	0,009	0,028	FALSE
0,047	0,307	0,002	0,007	0,085	FALSE
0,060	0,313	0,003	0,012	0,083	FALSE
0,105	0,304	0,003	0,008	0,169	FALSE
0,039	0,320	0,002	0,013	0,062	FALSE
0,023	0,315	0,001	0,009	0,025	FALSE
-0,076	0,293	-0,001	0,008	0,059	FALSE
-0,107	0,292	-0,004	0,010	0,174	FALSE
0,010	0,332	0,000	0,008	0,010	FALSE
-0,079	0,315	-0,001	0,007	0,068	FALSE
0,116	0,303	0,004	0,009	0,181	FALSE
-0,041	0,307	-0,001	0,006	0,052	FALSE
-0,028	0,310	-0,001	0,009	0,032	FALSE
0,134	0,296	0,003	0,007	0,182	FALSE
-0,106	0,312	-0,003	0,013	0,082	FALSE
-0,054	0,313	-0,001	0,010	0,048	FALSE
-0,043	0,314	-0,002	0,012	0,055	FALSE
-0,085	0,321	-0,002	0,009	0,110	FALSE
-0,024	0,303	0,000	0,007	0,026	FALSE
0,004	0,298	0,000	0,007	0,004	FALSE
-0,050	0,318	-0,002	0,007	0,085	FALSE
0,037	0,306	0,001	0,006	0,030	FALSE
0,000	0,296	0,000	0,008	0,021	FALSE
-0,020	0,299	-0,001	0,009	0,043	FALSE
-0,030	0,315	-0,001	0,007	0,052	FALSE
-0,021	0,303	0,000	0,008	0,012	FALSE
-0,006	0,321	0,000	0,008	0,006	FALSE
-0,112	0,301	-0,003	0,007	0,169	FALSE
0,008	0,319	0,000	0,012	0,012	FALSE
0,047	0,305	0,002	0,009	0,102	FALSE
0,049	0,317	0,002	0,012	0,057	FALSE
0,009	0,308	0,000	0,012	0,009	FALSE
0,042	0,309	0,002	0,012	0,060	FALSE
0,065	0,300	0,003	0,011	0,097	FALSE
0,110	0,297	0,004	0,010	0,163	FALSE
0,125	0,302	0,003	0,006	0,160	FALSE
0,101	0,309	0,005	0,012	0,151	FALSE

0,100	0,294	0,003	0,008	0,156	FALSE
-0,070	0,303	-0,002	0,007	0,103	FALSE
0,032	0,309	0,001	0,007	0,030	FALSE
-0,002	0,292	0,001	0,012	0,025	FALSE
-0,025	0,303	-0,001	0,009	0,054	FALSE
0,008	0,297	0,001	0,012	0,025	FALSE
0,012	0,293	0,001	0,011	0,024	FALSE
0,095	0,306	0,002	0,008	0,105	FALSE
-0,127	0,294	-0,003	0,009	0,154	FALSE
0,053	0,305	0,002	0,011	0,069	FALSE
0,008	0,303	-0,001	0,007	0,035	FALSE
-0,116	0,309	-0,003	0,006	0,165	FALSE
-0,019	0,304	0,000	0,007	0,003	FALSE
0,058	0,321	0,003	0,013	0,075	FALSE
-0,024	0,320	-0,001	0,009	0,038	FALSE
0,046	0,302	0,001	0,007	0,058	FALSE
0,149	0,291	0,005	0,009	0,210	FALSE
0,169	0,299	0,005	0,009	0,233	FALSE
-0,143	0,294	-0,004	0,007	0,217	FALSE
-0,138	0,311	-0,004	0,008	0,179	FALSE
0,036	0,313	0,001	0,012	0,041	FALSE
0,152	0,294	0,004	0,008	0,210	FALSE
-0,032	0,295	0,000	0,012	0,011	FALSE
0,017	0,308	0,001	0,011	0,028	FALSE
0,022	0,292	0,001	0,011	0,047	FALSE
0,001	0,305	0,000	0,008	0,006	FALSE
0,054	0,313	0,002	0,011	0,068	FALSE
-0,098	0,297	-0,003	0,011	0,119	FALSE
-0,025	0,314	-0,001	0,013	0,037	FALSE
-0,039	0,314	-0,001	0,009	0,034	FALSE
0,015	0,302	0,000	0,008	0,015	FALSE
-0,021	0,297	0,000	0,009	0,002	FALSE
-0,061	0,293	-0,001	0,009	0,052	FALSE
0,097	0,294	0,003	0,010	0,100	FALSE
-0,003	0,285	0,000	0,010	0,008	FALSE
0,020	0,306	0,000	0,009	0,006	FALSE
0,028	0,316	0,001	0,009	0,022	FALSE
-0,083	0,311	-0,003	0,009	0,108	FALSE
-0,072	0,313	-0,002	0,007	0,110	FALSE
-0,022	0,307	-0,001	0,008	0,025	FALSE
-0,143	0,290	-0,004	0,009	0,201	FALSE
0,097	0,311	0,002	0,008	0,108	FALSE
0,103	0,309	0,002	0,008	0,089	FALSE
0,128	0,298	0,004	0,011	0,145	FALSE
-0,137	0,304	-0,002	0,006	0,156	FALSE
-0,116	0,308	-0,005	0,013	0,167	FALSE
0,155	0,308	0,005	0,010	0,216	FALSE
0,152	0,301	0,006	0,012	0,210	FALSE
0,052	0,291	0,001	0,007	0,038	FALSE
0,002	0,316	0,000	0,009	0,006	FALSE
0,005	0,306	0,000	0,011	0,015	FALSE
0,055	0,307	0,001	0,007	0,045	FALSE
-0,158	0,321	-0,004	0,008	0,210	FALSE

-0,044	0,309	-0,001	0,007	0,036	FALSE
-0,047	0,313	-0,001	0,008	0,045	FALSE
0,104	0,306	0,003	0,013	0,100	FALSE
0,096	0,299	0,003	0,012	0,101	FALSE
0,002	0,320	0,000	0,007	0,002	FALSE
-0,017	0,308	0,000	0,012	0,004	FALSE
-0,044	0,308	-0,002	0,011	0,080	FALSE
0,006	0,313	0,000	0,007	0,022	FALSE
-0,016	0,305	0,000	0,011	0,004	FALSE
-0,003	0,301	0,000	0,013	0,010	FALSE
0,000	0,305	0,000	0,008	0,005	FALSE
-0,053	0,302	-0,003	0,011	0,091	FALSE
0,026	0,312	0,001	0,007	0,035	FALSE
-0,111	0,315	-0,005	0,011	0,168	FALSE
0,116	0,312	0,004	0,010	0,154	FALSE
0,111	0,299	0,004	0,010	0,143	FALSE
-0,097	0,313	-0,002	0,008	0,108	FALSE
0,020	0,320	0,002	0,011	0,055	FALSE
-0,024	0,297	0,000	0,009	0,002	FALSE
0,058	0,298	0,002	0,011	0,078	FALSE
-0,020	0,311	-0,001	0,012	0,037	FALSE
-0,050	0,317	-0,002	0,012	0,066	FALSE
0,024	0,303	0,001	0,007	0,041	FALSE
-0,132	0,314	-0,003	0,007	0,188	FALSE
-0,129	0,310	-0,005	0,013	0,155	TRUE
-0,049	0,302	-0,001	0,009	0,058	FALSE
0,123	0,314	0,003	0,008	0,159	FALSE
0,086	0,306	0,002	0,007	0,132	FALSE
0,030	0,312	0,001	0,007	0,040	FALSE
-0,054	0,306	-0,003	0,012	0,078	FALSE
-0,097	0,306	-0,004	0,011	0,129	FALSE
0,011	0,309	0,000	0,008	0,009	FALSE
0,001	0,312	0,000	0,009	0,008	FALSE
0,000	0,305	0,000	0,010	0,001	FALSE
-0,033	0,314	-0,001	0,010	0,033	FALSE
-0,051	0,306	-0,001	0,006	0,029	FALSE
-0,017	0,296	0,000	0,006	0,004	FALSE
0,099	0,309	0,002	0,007	0,124	FALSE
-0,061	0,312	-0,001	0,006	0,088	FALSE
0,001	0,286	0,000	0,011	0,002	FALSE
0,054	0,303	0,002	0,012	0,070	FALSE
-0,032	0,299	0,000	0,007	0,025	FALSE
-0,071	0,308	-0,002	0,007	0,082	FALSE
-0,070	0,332	-0,002	0,008	0,083	FALSE
0,007	0,315	0,000	0,008	0,017	FALSE
0,020	0,306	0,001	0,010	0,034	FALSE
-0,022	0,304	0,000	0,006	0,000	FALSE
0,003	0,309	0,000	0,009	0,010	FALSE
-0,007	0,303	0,000	0,008	0,001	FALSE
-0,174	0,297	-0,007	0,012	0,243	FALSE
-0,022	0,296	-0,001	0,009	0,027	FALSE
-0,043	0,303	-0,001	0,013	0,036	FALSE
-0,052	0,304	-0,001	0,010	0,033	FALSE

0,005	0,314	0,000	0,012	0,011	FALSE
0,034	0,319	0,001	0,011	0,021	FALSE
-0,036	0,294	-0,001	0,008	0,027	FALSE
0,007	0,313	0,000	0,012	0,000	FALSE
-0,096	0,306	-0,005	0,012	0,149	FALSE
-0,036	0,325	-0,001	0,009	0,022	FALSE
-0,015	0,303	-0,001	0,010	0,021	FALSE
-0,054	0,298	-0,002	0,008	0,096	FALSE
-0,091	0,320	-0,002	0,008	0,100	FALSE
0,120	0,308	0,005	0,013	0,166	FALSE
0,153	0,298	0,006	0,011	0,226	FALSE
0,001	0,295	0,000	0,007	0,023	FALSE
0,095	0,305	0,001	0,007	0,079	FALSE
-0,105	0,304	-0,004	0,008	0,176	FALSE
0,118	0,311	0,004	0,011	0,149	FALSE
0,034	0,310	0,001	0,013	0,027	FALSE
-0,083	0,302	-0,003	0,012	0,090	FALSE
0,058	0,300	0,002	0,011	0,078	FALSE
-0,060	0,317	-0,002	0,010	0,077	FALSE
0,139	0,307	0,004	0,010	0,182	FALSE
0,020	0,314	0,001	0,009	0,046	FALSE
0,055	0,310	0,001	0,008	0,064	FALSE
-0,088	0,308	-0,002	0,009	0,102	FALSE
0,000	0,302	0,001	0,009	0,021	FALSE
-0,127	0,301	-0,002	0,006	0,159	FALSE
0,057	0,298	0,002	0,010	0,073	FALSE
0,057	0,316	0,002	0,012	0,049	FALSE
0,039	0,304	0,001	0,010	0,053	FALSE
-0,057	0,299	-0,002	0,009	0,074	FALSE
-0,022	0,305	0,000	0,012	0,006	FALSE
0,015	0,296	0,001	0,012	0,026	FALSE
-0,111	0,307	-0,003	0,008	0,161	FALSE
-0,044	0,299	-0,002	0,009	0,101	FALSE
-0,049	0,305	-0,003	0,009	0,111	FALSE
0,002	0,316	-0,001	0,008	0,030	FALSE
0,034	0,307	0,001	0,009	0,039	FALSE
0,062	0,293	0,001	0,011	0,039	FALSE
0,033	0,314	0,000	0,008	0,010	FALSE
0,019	0,298	0,000	0,009	0,004	FALSE
0,042	0,306	0,001	0,008	0,030	FALSE
-0,153	0,298	-0,004	0,007	0,207	FALSE
-0,037	0,309	-0,001	0,007	0,028	FALSE
-0,125	0,305	-0,005	0,011	0,161	FALSE
-0,116	0,300	-0,003	0,009	0,127	FALSE
-0,103	0,295	-0,003	0,009	0,113	FALSE
-0,125	0,309	-0,004	0,010	0,154	FALSE
-0,099	0,299	-0,004	0,012	0,138	FALSE
-0,081	0,307	-0,003	0,012	0,081	FALSE
-0,050	0,304	-0,002	0,012	0,053	FALSE
-0,052	0,306	-0,002	0,012	0,049	FALSE
-0,048	0,308	-0,002	0,012	0,055	FALSE
-0,022	0,304	0,000	0,006	0,005	FALSE
-0,033	0,300	-0,001	0,006	0,047	FALSE

-0,089	0,316	-0,003	0,013	0,098	FALSE
-0,227	0,304	-0,008	0,011	0,329	FALSE
-0,123	0,314	-0,004	0,011	0,174	FALSE
-0,032	0,304	-0,002	0,010	0,062	FALSE
-0,078	0,307	-0,001	0,007	0,062	FALSE
-0,124	0,316	-0,002	0,007	0,130	FALSE
-0,063	0,314	-0,002	0,009	0,072	FALSE
-0,098	0,308	-0,003	0,010	0,102	FALSE
-0,037	0,316	-0,002	0,012	0,064	FALSE
-0,008	0,311	-0,001	0,011	0,016	FALSE
0,019	0,301	0,000	0,011	0,015	FALSE
0,008	0,318	0,000	0,012	0,003	FALSE
-0,013	0,300	-0,001	0,011	0,032	FALSE
0,062	0,297	0,001	0,007	0,038	FALSE
-0,014	0,310	-0,001	0,012	0,039	FALSE
-0,112	0,304	-0,004	0,011	0,150	FALSE
0,161	0,288	0,004	0,007	0,249	FALSE
0,092	0,316	0,003	0,010	0,111	FALSE
0,072	0,299	0,003	0,011	0,089	FALSE
-0,052	0,316	-0,001	0,009	0,060	FALSE
-0,001	0,300	0,000	0,012	0,001	FALSE
0,100	0,310	0,003	0,008	0,142	FALSE
0,003	0,323	0,000	0,010	0,012	FALSE
-0,011	0,292	0,000	0,006	0,018	FALSE
-0,142	0,312	-0,004	0,008	0,177	FALSE
-0,119	0,296	-0,003	0,007	0,171	FALSE
0,017	0,304	0,000	0,006	0,010	FALSE
-0,027	0,304	-0,001	0,009	0,046	FALSE
0,130	0,304	0,005	0,013	0,145	FALSE
0,129	0,291	0,004	0,007	0,241	FALSE
0,120	0,306	0,004	0,011	0,157	FALSE
-0,023	0,312	-0,001	0,010	0,036	FALSE
-0,165	0,301	-0,007	0,012	0,261	FALSE
0,031	0,315	0,001	0,009	0,053	FALSE
0,006	0,318	0,000	0,008	0,013	FALSE
0,018	0,307	0,000	0,008	0,000	FALSE
-0,054	0,318	-0,002	0,008	0,070	FALSE
0,006	0,295	-0,001	0,012	0,035	FALSE
0,175	0,295	0,004	0,007	0,257	FALSE
0,030	0,303	0,001	0,011	0,044	FALSE
0,012	0,313	0,000	0,012	0,014	FALSE
0,135	0,302	0,005	0,010	0,214	FALSE
0,014	0,288	0,002	0,011	0,057	FALSE
-0,102	0,309	-0,006	0,012	0,207	FALSE
0,219	0,289	0,009	0,010	0,406	FALSE
0,034	0,309	0,001	0,006	0,032	FALSE
0,133	0,298	0,006	0,012	0,219	FALSE
-0,049	0,300	-0,002	0,012	0,046	FALSE
0,042	0,316	0,001	0,008	0,063	FALSE
0,112	0,302	0,005	0,012	0,146	FALSE
0,045	0,296	0,001	0,009	0,049	FALSE
0,162	0,289	0,007	0,012	0,236	FALSE
-0,069	0,301	-0,004	0,011	0,159	FALSE

0,014	0,297	0,001	0,008	0,026	FALSE
0,009	0,313	0,000	0,010	0,002	FALSE
0,136	0,304	0,004	0,009	0,185	FALSE
0,024	0,300	0,001	0,009	0,022	FALSE
0,012	0,307	0,000	0,010	0,007	FALSE
-0,023	0,304	-0,001	0,010	0,038	FALSE
-0,151	0,292	-0,003	0,006	0,198	FALSE
-0,052	0,297	-0,002	0,011	0,065	FALSE
-0,028	0,315	-0,001	0,012	0,028	FALSE
0,062	0,306	0,001	0,007	0,070	FALSE
0,007	0,308	0,000	0,008	0,015	FALSE
-0,030	0,304	-0,002	0,008	0,071	FALSE
-0,023	0,302	0,000	0,006	0,027	FALSE
-0,008	0,303	-0,001	0,006	0,030	FALSE
0,051	0,304	0,001	0,009	0,040	FALSE
-0,092	0,307	-0,003	0,011	0,098	FALSE
0,029	0,289	0,001	0,012	0,045	FALSE
0,126	0,311	0,003	0,009	0,137	FALSE
-0,014	0,293	-0,001	0,009	0,021	FALSE
0,034	0,314	0,001	0,012	0,018	FALSE
0,015	0,293	0,000	0,011	0,006	FALSE
0,007	0,307	0,001	0,010	0,040	FALSE
0,016	0,313	0,000	0,009	0,008	FALSE
0,010	0,300	0,000	0,008	0,004	FALSE
0,043	0,324	0,002	0,013	0,063	FALSE
0,020	0,314	0,001	0,007	0,048	FALSE
-0,066	0,302	-0,004	0,013	0,120	FALSE
0,030	0,309	0,002	0,012	0,052	FALSE
-0,100	0,299	-0,005	0,012	0,172	FALSE
-0,009	0,299	0,000	0,008	0,004	FALSE
0,000	0,289	0,000	0,008	0,016	FALSE
-0,021	0,312	-0,001	0,010	0,026	FALSE
-0,097	0,312	-0,004	0,010	0,156	FALSE
-0,160	0,291	-0,007	0,012	0,257	FALSE
-0,088	0,311	-0,004	0,011	0,152	FALSE
0,024	0,293	0,001	0,010	0,026	FALSE
-0,070	0,300	-0,002	0,008	0,087	FALSE
-0,029	0,309	-0,001	0,008	0,040	FALSE
-0,029	0,309	-0,001	0,011	0,036	FALSE
0,174	0,299	0,005	0,008	0,272	FALSE
0,050	0,304	0,002	0,012	0,060	FALSE
0,057	0,296	0,003	0,012	0,077	FALSE
-0,018	0,318	-0,001	0,008	0,025	FALSE
-0,052	0,312	-0,001	0,010	0,057	FALSE
0,005	0,304	0,000	0,007	0,010	FALSE
-0,061	0,307	-0,001	0,009	0,059	FALSE
0,051	0,296	0,002	0,007	0,086	FALSE
-0,031	0,281	0,000	0,010	0,017	FALSE
-0,159	0,300	-0,004	0,008	0,225	FALSE
-0,129	0,295	-0,005	0,012	0,162	FALSE
0,053	0,297	0,002	0,009	0,078	FALSE
-0,019	0,295	0,000	0,008	0,005	FALSE
0,078	0,318	0,003	0,010	0,117	FALSE

-0,064	0,310	-0,002	0,011	0,071	FALSE
-0,003	0,312	0,001	0,009	0,025	FALSE
0,153	0,300	0,004	0,008	0,188	FALSE
-0,062	0,308	-0,002	0,008	0,085	FALSE
0,052	0,306	0,001	0,007	0,044	FALSE
-0,046	0,325	0,000	0,008	0,019	FALSE
-0,105	0,308	-0,004	0,013	0,135	FALSE
0,038	0,311	0,001	0,007	0,037	FALSE
0,125	0,294	0,003	0,008	0,169	FALSE
0,084	0,301	0,003	0,012	0,105	FALSE
-0,038	0,317	0,000	0,007	0,019	FALSE
0,088	0,313	0,003	0,012	0,108	FALSE
-0,052	0,305	-0,002	0,012	0,060	FALSE
-0,056	0,305	-0,002	0,012	0,071	FALSE
-0,039	0,303	-0,001	0,012	0,040	FALSE
0,043	0,314	0,002	0,010	0,060	FALSE
-0,097	0,305	-0,003	0,011	0,125	FALSE
0,104	0,317	0,003	0,008	0,138	FALSE
0,097	0,306	0,003	0,009	0,116	FALSE
-0,017	0,295	0,000	0,011	0,000	FALSE
0,173	0,312	0,005	0,009	0,259	FALSE
-0,036	0,310	-0,001	0,007	0,036	FALSE
0,032	0,314	0,002	0,012	0,049	FALSE
0,015	0,304	0,001	0,011	0,033	FALSE
0,053	0,313	0,002	0,012	0,059	FALSE
0,064	0,309	0,003	0,012	0,082	FALSE
0,033	0,314	0,001	0,011	0,017	FALSE
0,048	0,310	0,002	0,011	0,079	FALSE
0,021	0,311	0,001	0,009	0,030	FALSE
-0,007	0,304	-0,001	0,007	0,050	FALSE
-0,079	0,308	-0,002	0,007	0,111	FALSE
0,054	0,310	0,002	0,011	0,075	FALSE
-0,073	0,302	-0,002	0,009	0,102	FALSE
0,030	0,299	0,001	0,008	0,035	FALSE
-0,065	0,295	-0,002	0,012	0,062	FALSE
-0,090	0,303	-0,003	0,007	0,157	FALSE
-0,015	0,313	0,000	0,012	0,008	FALSE
-0,040	0,302	-0,002	0,012	0,050	FALSE
-0,054	0,311	-0,002	0,012	0,066	FALSE
-0,035	0,310	-0,001	0,012	0,040	FALSE
-0,064	0,318	-0,002	0,011	0,075	FALSE
0,080	0,301	0,004	0,010	0,154	FALSE
0,004	0,306	0,000	0,008	0,013	FALSE
-0,066	0,298	-0,002	0,011	0,085	FALSE
0,045	0,293	0,002	0,011	0,073	FALSE
0,063	0,312	0,003	0,011	0,095	FALSE
0,099	0,317	0,002	0,007	0,094	FALSE
0,058	0,298	0,002	0,008	0,088	FALSE
-0,031	0,306	-0,001	0,007	0,039	FALSE
0,025	0,319	0,001	0,011	0,038	FALSE
0,035	0,310	0,001	0,008	0,023	FALSE
-0,141	0,326	-0,005	0,011	0,187	FALSE
-0,033	0,299	0,000	0,012	0,006	FALSE

0,008	0,318	0,000	0,007	0,003	FALSE
-0,056	0,302	-0,002	0,011	0,056	FALSE
0,025	0,307	0,001	0,012	0,037	FALSE
0,004	0,294	0,000	0,012	0,009	FALSE
0,018	0,312	0,001	0,008	0,036	FALSE
0,052	0,303	0,002	0,009	0,083	FALSE
0,024	0,308	0,001	0,011	0,042	FALSE
0,043	0,309	0,002	0,011	0,074	FALSE
0,017	0,318	0,001	0,011	0,030	FALSE
0,093	0,303	0,002	0,008	0,109	FALSE
-0,048	0,306	-0,002	0,011	0,071	FALSE
-0,022	0,304	-0,001	0,007	0,049	FALSE
-0,059	0,309	-0,002	0,011	0,080	FALSE
0,020	0,307	0,001	0,012	0,027	FALSE
0,013	0,317	0,001	0,013	0,016	FALSE
0,003	0,309	0,000	0,011	0,014	FALSE
-0,007	0,297	-0,001	0,012	0,023	FALSE
0,046	0,308	0,002	0,013	0,045	FALSE
0,017	0,303	0,000	0,009	0,001	FALSE
0,092	0,313	0,003	0,009	0,112	FALSE
0,042	0,307	0,001	0,009	0,035	FALSE
0,017	0,307	0,000	0,012	0,003	FALSE
0,022	0,304	0,000	0,012	0,012	FALSE
0,134	0,304	0,004	0,011	0,129	FALSE
-0,087	0,320	-0,002	0,007	0,102	FALSE
0,037	0,302	0,002	0,008	0,077	FALSE
0,124	0,309	0,005	0,012	0,184	FALSE
-0,005	0,318	0,000	0,009	0,003	FALSE
0,030	0,322	0,001	0,009	0,028	FALSE
0,035	0,322	0,001	0,009	0,036	FALSE
0,019	0,314	0,001	0,009	0,027	FALSE
0,007	0,321	0,000	0,009	0,007	FALSE
-0,099	0,304	-0,004	0,010	0,161	FALSE
-0,088	0,311	-0,004	0,011	0,133	FALSE
0,128	0,286	0,003	0,007	0,189	FALSE
-0,138	0,305	-0,005	0,011	0,209	FALSE
-0,048	0,297	-0,002	0,008	0,079	FALSE
-0,145	0,303	-0,005	0,010	0,209	FALSE
-0,014	0,309	-0,001	0,012	0,033	FALSE
-0,063	0,322	-0,003	0,010	0,116	FALSE
-0,099	0,301	-0,003	0,008	0,132	FALSE
-0,086	0,308	-0,002	0,008	0,100	FALSE
0,032	0,292	0,001	0,007	0,037	FALSE
0,006	0,306	0,000	0,006	0,010	FALSE
0,221	0,288	0,006	0,008	0,392	FALSE
0,202	0,291	0,006	0,007	0,362	FALSE
0,206	0,288	0,006	0,008	0,362	FALSE
0,194	0,294	0,006	0,008	0,350	FALSE
0,124	0,293	0,002	0,007	0,120	FALSE
0,001	0,298	0,001	0,011	0,026	FALSE
-0,011	0,303	0,001	0,012	0,018	FALSE
0,050	0,309	0,001	0,010	0,028	FALSE
-0,006	0,315	0,000	0,011	0,012	FALSE

-0,045	0,315	-0,002	0,009	0,065	FALSE
-0,026	0,296	-0,001	0,010	0,043	FALSE
0,005	0,314	0,000	0,008	0,017	FALSE
-0,192	0,300	-0,007	0,011	0,283	FALSE
-0,171	0,323	-0,006	0,012	0,212	FALSE
-0,149	0,326	-0,005	0,012	0,180	FALSE
0,103	0,301	0,003	0,010	0,112	FALSE
0,057	0,316	0,001	0,008	0,047	FALSE
0,071	0,315	0,003	0,010	0,107	FALSE
-0,020	0,313	0,000	0,007	0,009	FALSE
0,068	0,303	0,003	0,010	0,095	FALSE
0,101	0,307	0,004	0,013	0,129	FALSE
0,053	0,304	0,002	0,010	0,077	FALSE
0,129	0,296	0,004	0,011	0,130	FALSE
0,095	0,298	0,002	0,006	0,114	FALSE
0,018	0,307	0,001	0,012	0,020	FALSE
0,018	0,318	0,001	0,007	0,035	FALSE
-0,039	0,309	-0,001	0,006	0,082	FALSE
0,084	0,296	0,003	0,007	0,184	FALSE
-0,052	0,318	-0,003	0,014	0,074	FALSE
-0,046	0,321	-0,001	0,007	0,070	FALSE
0,019	0,303	0,000	0,009	0,003	FALSE
-0,040	0,309	-0,001	0,007	0,063	FALSE
-0,142	0,281	-0,005	0,009	0,234	FALSE
0,008	0,290	0,000	0,012	0,002	FALSE
-0,029	0,310	-0,001	0,013	0,038	FALSE
-0,009	0,302	0,000	0,012	0,003	FALSE
0,057	0,311	0,001	0,011	0,023	FALSE
-0,038	0,320	-0,001	0,013	0,025	FALSE
-0,118	0,308	-0,004	0,011	0,167	FALSE
0,042	0,322	0,001	0,011	0,019	FALSE
-0,004	0,302	0,001	0,012	0,019	FALSE
-0,117	0,294	-0,004	0,011	0,150	FALSE
0,034	0,311	0,000	0,011	0,008	FALSE
0,077	0,302	0,002	0,010	0,091	FALSE
0,029	0,309	0,002	0,012	0,046	FALSE
-0,067	0,309	-0,002	0,007	0,088	FALSE
-0,064	0,303	-0,001	0,007	0,057	FALSE
-0,014	0,318	-0,001	0,013	0,035	FALSE
-0,022	0,313	-0,001	0,006	0,034	FALSE
0,128	0,308	0,003	0,008	0,171	FALSE
-0,055	0,319	-0,001	0,010	0,051	FALSE
0,014	0,307	0,000	0,013	0,000	FALSE
-0,019	0,320	-0,001	0,011	0,043	FALSE
0,064	0,317	0,002	0,008	0,078	FALSE
-0,083	0,305	-0,002	0,007	0,121	FALSE
-0,059	0,315	-0,001	0,007	0,050	FALSE
-0,085	0,316	-0,002	0,008	0,097	FALSE
-0,001	0,307	0,000	0,007	0,024	FALSE
0,120	0,302	0,002	0,006	0,147	FALSE
-0,073	0,301	-0,002	0,007	0,084	FALSE
0,028	0,291	0,001	0,007	0,037	FALSE
0,113	0,302	0,004	0,013	0,109	FALSE

0,077	0,302	0,002	0,010	0,093	FALSE
-0,037	0,302	-0,001	0,008	0,042	FALSE
-0,013	0,312	0,000	0,006	0,009	FALSE
-0,096	0,292	-0,004	0,011	0,135	FALSE
-0,114	0,292	-0,005	0,011	0,171	FALSE
0,018	0,308	0,000	0,011	0,013	FALSE
0,024	0,304	0,000	0,010	0,015	FALSE
0,052	0,312	0,002	0,011	0,059	FALSE
-0,048	0,311	-0,002	0,013	0,070	FALSE
-0,107	0,285	-0,004	0,011	0,163	FALSE
0,102	0,316	0,003	0,010	0,105	FALSE
-0,038	0,308	-0,001	0,011	0,026	FALSE
0,006	0,308	0,000	0,006	0,004	FALSE
-0,076	0,305	-0,002	0,009	0,084	FALSE
-0,114	0,300	-0,005	0,012	0,185	FALSE
0,108	0,307	0,004	0,009	0,177	FALSE
-0,082	0,303	-0,004	0,011	0,150	FALSE
0,033	0,299	0,003	0,012	0,105	FALSE
-0,092	0,313	-0,003	0,010	0,135	FALSE
0,047	0,310	0,002	0,010	0,081	FALSE
0,054	0,310	0,003	0,011	0,094	FALSE
0,033	0,305	0,001	0,010	0,051	FALSE
0,130	0,313	0,005	0,010	0,222	FALSE
0,036	0,319	0,001	0,007	0,047	FALSE
-0,043	0,316	-0,001	0,009	0,035	FALSE
0,070	0,293	0,002	0,011	0,079	FALSE
0,056	0,312	0,003	0,011	0,093	FALSE
0,037	0,305	0,002	0,010	0,069	FALSE
-0,039	0,310	0,000	0,006	0,016	FALSE
-0,075	0,311	-0,001	0,009	0,054	FALSE
-0,045	0,307	-0,001	0,012	0,028	FALSE
0,020	0,302	0,000	0,008	0,004	FALSE
-0,082	0,319	-0,004	0,013	0,117	FALSE
-0,028	0,312	0,000	0,010	0,009	FALSE
0,144	0,303	0,006	0,011	0,210	FALSE
-0,063	0,302	-0,002	0,011	0,077	FALSE
0,032	0,312	0,001	0,008	0,024	FALSE
0,059	0,309	0,002	0,011	0,060	FALSE
0,026	0,304	0,000	0,011	0,011	FALSE
0,043	0,317	0,001	0,012	0,038	FALSE
0,057	0,312	0,001	0,011	0,044	FALSE
0,052	0,303	0,001	0,011	0,045	FALSE
-0,003	0,313	0,000	0,007	0,020	FALSE
-0,074	0,308	-0,003	0,010	0,098	FALSE
0,156	0,315	0,004	0,009	0,195	FALSE
-0,021	0,315	-0,002	0,012	0,047	FALSE
-0,101	0,310	-0,004	0,012	0,144	FALSE
-0,075	0,299	-0,003	0,009	0,124	FALSE
0,089	0,311	0,003	0,008	0,119	FALSE
-0,059	0,312	-0,002	0,010	0,084	FALSE
-0,023	0,295	0,000	0,007	0,006	FALSE
0,029	0,303	0,002	0,012	0,055	FALSE
-0,001	0,291	-0,001	0,009	0,026	FALSE

-0,050	0,313	-0,002	0,008	0,073	FALSE
0,012	0,289	0,002	0,011	0,065	FALSE
-0,061	0,300	-0,002	0,012	0,061	FALSE
-0,117	0,313	-0,004	0,010	0,154	FALSE
0,058	0,291	0,003	0,012	0,107	FALSE
-0,103	0,319	-0,002	0,007	0,139	FALSE
-0,016	0,289	0,000	0,009	0,014	FALSE
0,019	0,305	0,000	0,011	0,007	FALSE
-0,073	0,316	-0,002	0,007	0,095	FALSE
0,072	0,306	0,003	0,012	0,090	FALSE
0,031	0,313	0,001	0,008	0,048	FALSE
0,038	0,320	0,001	0,009	0,059	FALSE
0,051	0,303	0,001	0,011	0,049	FALSE
-0,013	0,336	-0,001	0,009	0,022	FALSE
0,021	0,327	0,000	0,010	0,010	FALSE
0,000	0,307	0,000	0,009	0,017	FALSE
-0,106	0,307	-0,005	0,012	0,160	FALSE
0,020	0,311	0,001	0,008	0,024	FALSE
0,016	0,313	0,001	0,009	0,030	FALSE
-0,133	0,318	-0,003	0,007	0,193	FALSE
-0,027	0,323	0,000	0,011	0,007	FALSE
-0,105	0,297	-0,006	0,013	0,213	FALSE
-0,051	0,306	-0,001	0,011	0,045	FALSE
0,057	0,296	0,002	0,011	0,070	FALSE
0,054	0,307	0,002	0,012	0,066	FALSE
0,008	0,311	0,000	0,010	0,000	FALSE
0,022	0,305	0,000	0,010	0,000	FALSE
0,010	0,315	0,000	0,012	0,011	FALSE
0,008	0,321	0,000	0,012	0,000	FALSE
-0,037	0,298	-0,001	0,007	0,068	FALSE
0,099	0,295	0,002	0,005	0,123	FALSE
-0,011	0,313	-0,001	0,010	0,034	FALSE
0,048	0,315	0,001	0,007	0,078	FALSE
-0,012	0,301	-0,001	0,010	0,021	FALSE
0,062	0,304	0,002	0,009	0,105	FALSE
-0,129	0,307	-0,004	0,010	0,175	FALSE
-0,065	0,296	-0,001	0,008	0,064	FALSE
-0,031	0,307	-0,002	0,011	0,058	FALSE
-0,112	0,300	-0,005	0,011	0,187	FALSE
-0,105	0,297	-0,003	0,008	0,137	FALSE
-0,057	0,310	-0,003	0,013	0,087	FALSE
-0,017	0,299	0,000	0,006	0,017	FALSE
0,027	0,311	0,001	0,007	0,040	FALSE
-0,022	0,314	0,000	0,013	0,009	FALSE
-0,017	0,317	0,000	0,009	0,000	FALSE
0,067	0,295	0,002	0,008	0,101	FALSE
-0,043	0,314	-0,002	0,011	0,080	FALSE
0,075	0,306	0,002	0,006	0,102	FALSE
0,102	0,301	0,003	0,007	0,149	FALSE
0,102	0,306	0,005	0,012	0,166	FALSE
0,110	0,318	0,003	0,009	0,143	FALSE
0,029	0,308	0,001	0,008	0,051	FALSE
0,008	0,305	0,000	0,008	0,011	FALSE

-0,102	0,306	-0,004	0,010	0,166	FALSE
-0,031	0,311	-0,001	0,010	0,033	FALSE
-0,054	0,320	-0,001	0,007	0,055	FALSE
0,043	0,308	0,001	0,010	0,044	FALSE
0,019	0,304	0,000	0,008	0,014	FALSE
-0,016	0,311	0,000	0,010	0,005	FALSE
-0,014	0,319	0,000	0,010	0,001	FALSE
-0,105	0,302	-0,004	0,012	0,131	FALSE
0,032	0,311	0,001	0,007	0,043	FALSE
-0,102	0,305	-0,002	0,009	0,111	FALSE
-0,107	0,291	-0,003	0,008	0,131	FALSE
-0,065	0,308	-0,002	0,010	0,059	FALSE
0,057	0,298	0,002	0,012	0,075	FALSE
0,072	0,312	0,003	0,013	0,092	FALSE
-0,102	0,304	-0,002	0,007	0,129	FALSE
-0,048	0,287	-0,001	0,007	0,083	FALSE
-0,059	0,297	-0,001	0,006	0,086	FALSE
0,259	0,297	0,009	0,011	0,410	FALSE
-0,136	0,313	-0,003	0,010	0,128	FALSE
-0,152	0,298	-0,006	0,012	0,230	FALSE
-0,015	0,307	-0,002	0,013	0,052	FALSE
0,066	0,316	0,002	0,010	0,091	FALSE
0,006	0,306	0,000	0,009	0,007	FALSE
-0,011	0,328	0,000	0,013	0,002	FALSE
-0,025	0,326	-0,001	0,009	0,033	FALSE
-0,054	0,314	-0,002	0,012	0,054	FALSE
0,032	0,314	0,001	0,008	0,025	FALSE
0,175	0,294	0,007	0,012	0,263	FALSE
-0,074	0,303	-0,001	0,006	0,069	FALSE
0,019	0,301	0,000	0,011	0,006	FALSE
0,127	0,304	0,006	0,013	0,199	FALSE
0,031	0,313	0,002	0,013	0,049	FALSE
0,045	0,297	0,002	0,012	0,059	FALSE
0,037	0,305	0,001	0,012	0,024	FALSE
0,009	0,307	0,001	0,009	0,019	FALSE
-0,056	0,320	-0,001	0,010	0,055	FALSE
-0,003	0,314	0,001	0,008	0,025	FALSE
0,007	0,302	0,001	0,006	0,054	FALSE
-0,124	0,297	-0,004	0,010	0,136	FALSE
0,028	0,309	0,002	0,009	0,062	FALSE
-0,041	0,301	-0,001	0,008	0,021	FALSE
0,074	0,314	0,003	0,012	0,107	FALSE
0,082	0,306	0,003	0,011	0,116	FALSE
-0,161	0,298	-0,007	0,012	0,258	FALSE
0,080	0,310	0,004	0,011	0,136	FALSE
-0,008	0,321	0,000	0,009	0,011	FALSE
0,103	0,310	0,003	0,009	0,126	FALSE
-0,061	0,296	-0,002	0,009	0,100	FALSE
0,014	0,311	0,001	0,011	0,023	FALSE
-0,044	0,310	-0,001	0,009	0,049	FALSE
0,031	0,313	0,002	0,013	0,043	FALSE
0,013	0,316	0,000	0,011	0,010	FALSE
0,035	0,316	0,001	0,011	0,039	FALSE

0,039	0,320	0,001	0,011	0,046	FALSE
-0,017	0,301	0,000	0,008	0,006	FALSE
-0,031	0,319	-0,001	0,012	0,033	FALSE
-0,074	0,305	-0,003	0,012	0,096	FALSE
-0,122	0,312	-0,005	0,012	0,172	FALSE
0,002	0,314	0,000	0,013	0,010	FALSE
-0,009	0,302	0,000	0,009	0,005	FALSE
-0,182	0,291	-0,008	0,012	0,278	FALSE
-0,169	0,309	-0,006	0,011	0,220	FALSE
0,150	0,305	0,004	0,009	0,214	FALSE
0,013	0,308	0,001	0,007	0,032	FALSE
-0,056	0,300	-0,002	0,009	0,076	FALSE
0,000	0,311	0,000	0,007	0,002	FALSE
0,049	0,301	0,001	0,010	0,053	FALSE
-0,072	0,304	-0,002	0,007	0,108	FALSE
-0,099	0,315	-0,002	0,008	0,126	FALSE
-0,113	0,317	-0,003	0,008	0,145	FALSE
-0,098	0,309	-0,002	0,008	0,121	FALSE
0,029	0,301	0,001	0,009	0,044	FALSE
-0,093	0,311	-0,003	0,008	0,126	FALSE
-0,083	0,306	-0,002	0,006	0,115	FALSE
-0,107	0,309	-0,002	0,007	0,129	FALSE
0,163	0,296	0,007	0,012	0,232	FALSE
0,034	0,296	0,001	0,006	0,072	FALSE
-0,039	0,314	-0,002	0,011	0,056	FALSE
0,051	0,305	0,002	0,009	0,075	FALSE
-0,034	0,308	-0,001	0,006	0,033	FALSE
0,186	0,312	0,005	0,009	0,248	FALSE
0,088	0,307	0,003	0,010	0,107	FALSE
0,096	0,304	0,003	0,010	0,126	FALSE
0,074	0,299	0,003	0,010	0,110	FALSE
0,111	0,306	0,002	0,006	0,155	FALSE
-0,024	0,309	-0,001	0,008	0,056	FALSE
-0,099	0,311	-0,002	0,007	0,127	FALSE
-0,057	0,309	-0,001	0,012	0,045	FALSE
0,004	0,302	0,000	0,008	0,007	FALSE
-0,009	0,301	0,000	0,006	0,001	FALSE
0,012	0,314	0,000	0,007	0,015	FALSE
0,005	0,293	-0,001	0,011	0,037	FALSE
0,041	0,301	0,000	0,011	0,004	FALSE
0,034	0,304	0,000	0,011	0,002	FALSE
-0,015	0,313	0,000	0,012	0,001	FALSE
0,000	0,309	0,001	0,012	0,015	FALSE
0,101	0,308	0,004	0,012	0,147	FALSE
0,108	0,298	0,005	0,012	0,158	FALSE
0,013	0,317	0,000	0,008	0,013	FALSE
-0,019	0,292	-0,001	0,009	0,026	FALSE
0,063	0,301	0,001	0,006	0,061	FALSE
0,018	0,319	0,001	0,012	0,018	FALSE
0,021	0,305	0,001	0,007	0,031	FALSE
-0,043	0,329	-0,001	0,008	0,063	FALSE
-0,026	0,321	0,000	0,007	0,020	FALSE
0,043	0,304	0,001	0,006	0,051	FALSE

-0,089	0,302	-0,001	0,007	0,076	FALSE
-0,078	0,303	-0,003	0,012	0,079	FALSE
0,049	0,311	0,000	0,009	0,013	FALSE
0,054	0,307	0,001	0,012	0,036	FALSE
0,003	0,320	0,001	0,013	0,026	FALSE
-0,078	0,326	-0,002	0,010	0,068	FALSE
-0,009	0,319	0,000	0,007	0,019	FALSE
-0,073	0,316	-0,002	0,010	0,076	FALSE
-0,076	0,295	-0,001	0,008	0,061	FALSE
-0,056	0,324	-0,001	0,007	0,061	FALSE
0,078	0,307	0,003	0,010	0,108	FALSE
0,095	0,312	0,002	0,007	0,127	FALSE
0,026	0,316	0,001	0,010	0,018	FALSE
0,064	0,298	0,002	0,009	0,078	FALSE
-0,083	0,316	-0,002	0,007	0,099	FALSE
-0,006	0,308	-0,001	0,010	0,026	FALSE
-0,003	0,305	-0,001	0,010	0,022	FALSE
0,008	0,304	0,000	0,009	0,018	FALSE
0,015	0,310	0,000	0,008	0,005	FALSE
-0,105	0,299	-0,004	0,009	0,160	FALSE
-0,053	0,321	-0,002	0,010	0,077	FALSE
-0,058	0,298	-0,003	0,012	0,096	FALSE
-0,086	0,312	-0,004	0,013	0,139	FALSE
0,019	0,297	0,001	0,011	0,041	FALSE
-0,017	0,300	-0,002	0,010	0,076	FALSE
-0,020	0,310	0,000	0,012	0,006	FALSE
-0,072	0,310	-0,002	0,012	0,066	FALSE
-0,043	0,298	-0,001	0,009	0,056	FALSE
-0,071	0,300	-0,002	0,007	0,087	FALSE
-0,059	0,303	-0,001	0,007	0,073	FALSE
-0,072	0,303	-0,002	0,007	0,089	FALSE
0,099	0,294	0,002	0,008	0,081	FALSE
0,113	0,308	0,002	0,007	0,124	FALSE
-0,008	0,302	0,000	0,009	0,011	FALSE
0,020	0,304	0,001	0,010	0,034	FALSE
0,012	0,298	0,001	0,010	0,029	FALSE
-0,052	0,306	-0,001	0,009	0,052	FALSE
0,001	0,304	0,000	0,008	0,005	FALSE
-0,003	0,311	0,000	0,008	0,008	FALSE
0,010	0,309	0,000	0,008	0,010	FALSE
0,046	0,300	0,001	0,007	0,081	FALSE
0,011	0,301	0,001	0,009	0,042	FALSE
0,082	0,296	0,003	0,009	0,108	FALSE
0,107	0,296	0,004	0,009	0,156	FALSE
0,019	0,293	0,001	0,007	0,032	FALSE
-0,030	0,299	-0,001	0,009	0,028	FALSE
-0,051	0,299	-0,001	0,008	0,058	FALSE
0,077	0,296	0,002	0,007	0,090	FALSE
-0,084	0,318	-0,004	0,013	0,103	FALSE
-0,034	0,311	-0,001	0,012	0,030	FALSE
0,118	0,301	0,005	0,012	0,177	FALSE
0,054	0,314	0,002	0,012	0,065	FALSE
0,123	0,299	0,005	0,011	0,208	FALSE

0,075	0,306	0,004	0,013	0,111	FALSE
0,123	0,286	0,004	0,009	0,167	FALSE
0,119	0,308	0,004	0,013	0,106	FALSE
-0,064	0,294	-0,001	0,008	0,051	FALSE
0,028	0,310	0,000	0,010	0,006	FALSE
-0,001	0,310	-0,001	0,010	0,037	FALSE
0,039	0,312	0,001	0,010	0,030	FALSE
-0,150	0,290	-0,004	0,008	0,205	FALSE
-0,066	0,312	-0,002	0,011	0,071	FALSE
0,029	0,313	0,001	0,010	0,028	FALSE
0,105	0,322	0,002	0,006	0,131	FALSE
0,095	0,306	0,004	0,011	0,140	FALSE
0,058	0,308	0,001	0,009	0,060	FALSE
0,096	0,297	0,004	0,011	0,154	FALSE
0,086	0,307	0,004	0,012	0,139	FALSE
-0,093	0,305	-0,002	0,006	0,130	FALSE
0,134	0,300	0,005	0,012	0,159	FALSE
-0,148	0,298	-0,004	0,008	0,215	FALSE
0,014	0,322	0,001	0,010	0,026	FALSE
-0,162	0,295	-0,003	0,006	0,226	FALSE
0,044	0,309	0,001	0,007	0,061	FALSE
0,127	0,290	0,004	0,011	0,141	FALSE
0,015	0,310	0,001	0,010	0,029	FALSE
0,042	0,313	0,001	0,012	0,041	FALSE
0,016	0,294	0,001	0,010	0,018	FALSE
0,025	0,308	0,002	0,013	0,047	FALSE
0,075	0,306	0,002	0,007	0,110	FALSE
-0,018	0,308	0,000	0,011	0,000	FALSE
0,061	0,314	0,001	0,007	0,060	FALSE
-0,017	0,319	-0,001	0,008	0,035	FALSE
0,090	0,306	0,003	0,009	0,120	FALSE
-0,151	0,291	-0,007	0,012	0,248	FALSE
0,128	0,302	0,006	0,013	0,178	FALSE
-0,146	0,310	-0,006	0,013	0,208	FALSE
0,052	0,309	0,002	0,012	0,058	FALSE
0,041	0,318	0,001	0,011	0,043	FALSE
-0,046	0,319	-0,001	0,011	0,033	FALSE
0,110	0,315	0,003	0,009	0,137	FALSE
0,026	0,303	0,001	0,010	0,046	FALSE
-0,002	0,294	0,000	0,012	0,009	FALSE
0,016	0,303	0,000	0,008	0,000	FALSE
0,114	0,314	0,002	0,007	0,104	FALSE
-0,222	0,292	-0,007	0,011	0,286	FALSE
0,068	0,301	0,003	0,011	0,096	FALSE
-0,070	0,310	-0,003	0,011	0,102	FALSE
-0,018	0,304	-0,001	0,012	0,019	FALSE
-0,081	0,317	-0,003	0,011	0,106	FALSE
0,019	0,302	0,000	0,011	0,010	FALSE
-0,075	0,312	-0,002	0,009	0,090	FALSE
-0,060	0,315	-0,002	0,010	0,080	FALSE
-0,093	0,317	-0,003	0,009	0,125	FALSE
-0,027	0,316	-0,001	0,011	0,040	FALSE
0,056	0,312	0,001	0,009	0,052	FALSE

-0,073	0,306	-0,004	0,013	0,118	FALSE
0,054	0,293	0,003	0,011	0,087	FALSE
0,029	0,307	0,002	0,010	0,056	FALSE
0,028	0,308	0,001	0,010	0,042	FALSE
0,031	0,296	0,001	0,010	0,046	FALSE
0,055	0,313	0,002	0,010	0,077	FALSE
0,053	0,304	0,002	0,010	0,066	FALSE
0,060	0,302	0,002	0,010	0,088	FALSE
0,028	0,314	0,001	0,010	0,053	FALSE
0,053	0,309	0,002	0,010	0,066	FALSE
0,036	0,299	0,001	0,009	0,050	FALSE
-0,137	0,304	-0,004	0,008	0,189	FALSE
-0,153	0,296	-0,004	0,008	0,209	FALSE
-0,034	0,286	-0,001	0,012	0,017	FALSE
0,062	0,300	0,002	0,010	0,067	FALSE
-0,013	0,303	0,000	0,008	0,003	FALSE
0,058	0,296	0,001	0,013	0,040	FALSE
0,041	0,295	0,000	0,013	0,009	FALSE
0,034	0,307	0,000	0,013	0,005	FALSE
0,062	0,287	0,002	0,013	0,048	FALSE
0,059	0,297	0,002	0,012	0,045	FALSE
0,013	0,311	0,000	0,009	0,000	FALSE
-0,030	0,301	-0,002	0,009	0,072	FALSE
-0,025	0,314	-0,001	0,007	0,062	FALSE
-0,023	0,295	-0,001	0,009	0,055	FALSE
-0,003	0,310	-0,001	0,010	0,035	FALSE
0,190	0,305	0,006	0,013	0,206	FALSE
-0,022	0,287	-0,001	0,008	0,028	FALSE
0,118	0,282	0,004	0,012	0,137	FALSE
-0,002	0,303	-0,001	0,011	0,029	FALSE
0,024	0,322	0,000	0,012	0,011	FALSE
-0,025	0,314	-0,002	0,012	0,054	FALSE
0,035	0,294	0,001	0,012	0,045	FALSE
0,046	0,299	0,001	0,010	0,049	FALSE
-0,088	0,304	-0,004	0,010	0,142	FALSE
0,019	0,320	0,001	0,012	0,022	FALSE
-0,023	0,310	-0,001	0,007	0,031	FALSE
-0,002	0,321	0,000	0,006	0,001	FALSE
-0,092	0,299	-0,002	0,007	0,126	FALSE
0,076	0,292	0,002	0,007	0,105	FALSE
0,086	0,311	0,002	0,010	0,091	FALSE
-0,084	0,297	-0,003	0,012	0,096	FALSE
0,063	0,306	0,002	0,011	0,062	FALSE
-0,035	0,300	0,000	0,007	0,021	FALSE
-0,027	0,313	0,000	0,008	0,006	FALSE
0,065	0,315	0,002	0,012	0,057	FALSE
-0,057	0,311	-0,002	0,011	0,076	FALSE
0,031	0,304	0,001	0,008	0,047	FALSE
0,002	0,319	0,000	0,012	0,002	FALSE
0,031	0,310	0,001	0,011	0,038	FALSE
0,106	0,313	0,004	0,011	0,142	FALSE
-0,008	0,310	0,000	0,012	0,005	FALSE
0,038	0,302	0,001	0,013	0,028	FALSE

0,042	0,304	0,002	0,012	0,061	FALSE
0,100	0,302	0,003	0,007	0,158	FALSE
0,036	0,324	0,001	0,013	0,020	FALSE
-0,030	0,310	-0,001	0,012	0,033	FALSE
0,077	0,317	0,002	0,008	0,100	FALSE
0,157	0,299	0,005	0,010	0,219	FALSE
0,148	0,302	0,005	0,010	0,199	FALSE
0,141	0,306	0,006	0,013	0,179	FALSE
-0,030	0,300	-0,002	0,010	0,084	FALSE
0,097	0,317	0,002	0,007	0,135	FALSE
0,084	0,309	0,003	0,012	0,104	FALSE
0,053	0,306	0,002	0,012	0,071	FALSE
-0,055	0,295	-0,003	0,012	0,083	FALSE
-0,041	0,296	-0,001	0,009	0,045	FALSE
0,026	0,287	0,001	0,012	0,015	FALSE
0,131	0,292	0,005	0,011	0,175	FALSE
0,123	0,303	0,003	0,008	0,164	FALSE
0,147	0,299	0,003	0,006	0,220	FALSE
0,013	0,306	0,000	0,008	0,006	FALSE
-0,046	0,305	-0,003	0,012	0,080	FALSE
0,062	0,299	0,002	0,010	0,092	FALSE
0,040	0,321	0,001	0,010	0,048	FALSE
-0,013	0,311	-0,001	0,012	0,020	FALSE
-0,003	0,317	0,000	0,013	0,012	FALSE
0,044	0,295	0,003	0,009	0,119	FALSE
0,068	0,305	0,003	0,011	0,085	FALSE
-0,004	0,310	-0,002	0,012	0,045	FALSE
-0,029	0,306	-0,002	0,012	0,064	FALSE
0,118	0,297	0,006	0,011	0,238	FALSE
-0,087	0,296	-0,003	0,008	0,144	FALSE
0,066	0,308	0,002	0,009	0,064	FALSE
0,109	0,306	0,003	0,009	0,139	FALSE
0,044	0,313	0,000	0,009	0,009	FALSE
0,064	0,306	0,002	0,008	0,074	FALSE
-0,041	0,310	-0,003	0,012	0,103	FALSE
-0,050	0,302	-0,001	0,011	0,051	FALSE
0,065	0,293	0,001	0,010	0,038	FALSE
-0,141	0,299	-0,005	0,011	0,191	FALSE
0,008	0,312	0,000	0,007	0,018	FALSE
-0,014	0,300	0,000	0,009	0,017	FALSE
0,166	0,307	0,005	0,009	0,229	FALSE
0,116	0,320	0,004	0,012	0,122	FALSE
-0,097	0,309	-0,004	0,011	0,136	FALSE
0,090	0,292	0,002	0,006	0,117	FALSE
0,079	0,308	0,002	0,008	0,072	FALSE
-0,017	0,305	-0,001	0,012	0,026	FALSE
0,062	0,308	0,002	0,007	0,095	FALSE
-0,106	0,306	-0,003	0,009	0,114	FALSE
0,067	0,298	0,002	0,008	0,077	FALSE
-0,027	0,322	-0,001	0,008	0,032	FALSE
0,069	0,306	0,001	0,007	0,083	FALSE
0,229	0,275	0,005	0,006	0,331	FALSE
0,004	0,307	0,000	0,011	0,016	FALSE

0,155	0,303	0,002	0,006	0,155	FALSE
0,002	0,313	0,000	0,007	0,005	FALSE
-0,103	0,297	-0,002	0,007	0,108	FALSE
-0,088	0,293	-0,002	0,007	0,101	FALSE
-0,127	0,308	-0,005	0,013	0,175	FALSE
-0,138	0,290	-0,006	0,012	0,190	FALSE
-0,053	0,296	-0,003	0,012	0,095	FALSE
-0,016	0,303	-0,001	0,012	0,040	FALSE
-0,038	0,312	0,000	0,009	0,017	FALSE
-0,023	0,313	-0,001	0,009	0,025	FALSE
0,077	0,311	0,002	0,007	0,107	FALSE
0,078	0,324	0,002	0,009	0,081	FALSE
0,093	0,302	0,001	0,006	0,092	FALSE
0,105	0,308	0,003	0,011	0,103	FALSE
0,109	0,309	0,003	0,010	0,125	FALSE
0,031	0,296	0,002	0,011	0,061	FALSE
0,196	0,301	0,005	0,009	0,223	FALSE
-0,093	0,302	-0,003	0,012	0,085	FALSE
0,001	0,299	0,001	0,012	0,033	FALSE
-0,050	0,303	-0,001	0,007	0,081	FALSE
0,067	0,306	0,002	0,007	0,088	FALSE
-0,016	0,312	-0,001	0,012	0,021	FALSE
-0,053	0,317	-0,002	0,013	0,064	FALSE
0,110	0,304	0,003	0,011	0,127	FALSE
0,155	0,277	0,006	0,011	0,221	FALSE
-0,046	0,315	-0,001	0,007	0,071	FALSE
-0,060	0,299	-0,002	0,007	0,112	FALSE
0,152	0,296	0,004	0,008	0,222	FALSE
0,148	0,307	0,004	0,010	0,181	FALSE
0,127	0,288	0,004	0,009	0,161	FALSE
0,085	0,296	0,003	0,009	0,135	FALSE
0,077	0,307	0,002	0,011	0,080	FALSE
-0,131	0,300	-0,004	0,010	0,177	FALSE
0,140	0,299	0,003	0,007	0,180	FALSE
0,173	0,306	0,007	0,012	0,244	FALSE
-0,158	0,291	-0,006	0,012	0,217	FALSE
0,082	0,300	0,003	0,011	0,115	FALSE
-0,013	0,299	-0,001	0,009	0,026	FALSE
0,007	0,289	0,000	0,009	0,005	FALSE
-0,102	0,309	-0,002	0,006	0,130	FALSE
-0,046	0,311	-0,002	0,011	0,082	FALSE
0,025	0,313	0,001	0,007	0,036	FALSE
-0,080	0,310	-0,002	0,007	0,088	FALSE
0,098	0,316	0,002	0,007	0,118	FALSE
0,154	0,302	0,005	0,008	0,231	FALSE
0,024	0,298	0,001	0,011	0,019	FALSE
-0,014	0,290	-0,001	0,013	0,017	FALSE
0,023	0,307	0,002	0,012	0,047	FALSE
-0,128	0,288	-0,003	0,008	0,147	FALSE
-0,086	0,302	-0,004	0,011	0,155	FALSE
0,039	0,291	0,001	0,012	0,038	FALSE
0,126	0,302	0,003	0,009	0,155	FALSE
-0,085	0,301	-0,002	0,006	0,105	FALSE

0,156	0,300	0,007	0,012	0,224	FALSE
0,164	0,305	0,007	0,011	0,262	FALSE
-0,057	0,318	-0,002	0,009	0,062	FALSE
-0,105	0,319	-0,002	0,007	0,140	FALSE
-0,035	0,313	-0,001	0,006	0,053	FALSE
-0,048	0,309	-0,002	0,012	0,070	FALSE
0,076	0,303	0,003	0,009	0,118	FALSE
0,006	0,291	0,000	0,012	0,000	FALSE
-0,033	0,323	-0,001	0,010	0,032	FALSE
-0,025	0,311	-0,001	0,010	0,028	FALSE
-0,055	0,308	-0,002	0,010	0,054	FALSE
-0,123	0,303	-0,003	0,009	0,155	FALSE
0,027	0,306	0,001	0,013	0,020	FALSE
-0,051	0,304	-0,002	0,012	0,056	FALSE
-0,050	0,314	-0,001	0,012	0,046	FALSE
0,035	0,286	0,001	0,008	0,030	FALSE
0,065	0,300	0,003	0,011	0,086	FALSE
-0,073	0,312	-0,002	0,012	0,072	FALSE
-0,217	0,280	-0,010	0,012	0,415	FALSE
-0,061	0,286	-0,001	0,007	0,060	FALSE
0,030	0,315	0,001	0,012	0,039	FALSE
0,005	0,319	0,000	0,012	0,000	FALSE
0,058	0,306	0,001	0,008	0,052	FALSE
0,045	0,308	0,001	0,007	0,066	FALSE
0,019	0,306	0,000	0,008	0,020	FALSE
0,023	0,315	0,001	0,008	0,026	FALSE
-0,037	0,310	-0,001	0,007	0,062	FALSE
0,067	0,308	0,001	0,008	0,057	FALSE
0,015	0,325	0,001	0,009	0,020	FALSE
0,017	0,307	0,000	0,008	0,010	FALSE
-0,024	0,309	0,000	0,006	0,001	FALSE
-0,167	0,310	-0,004	0,007	0,256	FALSE
-0,180	0,310	-0,005	0,008	0,270	FALSE
-0,038	0,303	-0,001	0,008	0,038	FALSE
0,088	0,292	0,002	0,008	0,111	FALSE
-0,147	0,310	-0,005	0,013	0,179	FALSE
-0,082	0,302	-0,002	0,007	0,103	FALSE
-0,048	0,305	-0,001	0,007	0,056	FALSE
0,049	0,318	0,000	0,009	0,019	FALSE
0,133	0,306	0,003	0,008	0,176	FALSE
-0,058	0,304	-0,001	0,009	0,056	FALSE
0,038	0,302	0,001	0,012	0,016	FALSE
-0,099	0,301	-0,003	0,012	0,099	FALSE
0,048	0,308	0,001	0,008	0,043	FALSE
-0,027	0,310	-0,001	0,007	0,052	FALSE
0,065	0,319	0,002	0,008	0,075	FALSE
-0,096	0,310	-0,003	0,008	0,163	FALSE
0,031	0,316	0,001	0,011	0,024	FALSE
0,035	0,310	0,001	0,011	0,052	FALSE
-0,024	0,300	0,000	0,012	0,014	FALSE
-0,017	0,313	-0,001	0,013	0,033	FALSE
0,003	0,315	0,000	0,012	0,010	FALSE
-0,009	0,310	0,000	0,013	0,011	FALSE

-0,132	0,311	-0,005	0,012	0,160	FALSE
0,059	0,316	0,001	0,010	0,035	FALSE
-0,095	0,305	-0,003	0,012	0,109	FALSE
0,064	0,302	0,002	0,007	0,101	FALSE
0,079	0,300	0,003	0,011	0,097	FALSE
0,125	0,293	0,004	0,010	0,161	FALSE
-0,025	0,307	-0,001	0,006	0,036	FALSE
0,037	0,310	0,002	0,012	0,050	FALSE
0,030	0,312	0,001	0,009	0,031	FALSE
0,045	0,303	0,001	0,010	0,049	FALSE
0,088	0,307	0,003	0,012	0,098	FALSE
-0,002	0,312	0,000	0,007	0,003	FALSE
0,029	0,322	0,000	0,008	0,017	FALSE
-0,100	0,295	-0,002	0,007	0,126	FALSE
0,024	0,299	0,001	0,011	0,035	FALSE
0,075	0,305	0,002	0,007	0,123	FALSE
0,078	0,306	0,002	0,007	0,125	FALSE
0,066	0,298	0,003	0,012	0,113	FALSE
0,142	0,295	0,006	0,012	0,229	FALSE
0,046	0,310	0,001	0,006	0,055	FALSE
-0,113	0,308	-0,003	0,009	0,131	FALSE
0,168	0,284	0,007	0,011	0,255	FALSE
-0,008	0,296	0,000	0,007	0,006	FALSE
0,003	0,301	0,000	0,007	0,015	FALSE
-0,115	0,303	-0,003	0,008	0,180	FALSE
-0,016	0,311	-0,001	0,008	0,024	FALSE
-0,057	0,308	-0,002	0,011	0,074	FALSE
-0,121	0,318	-0,006	0,013	0,176	FALSE
0,075	0,330	0,003	0,012	0,110	FALSE
0,017	0,313	0,001	0,012	0,038	FALSE
-0,044	0,302	-0,002	0,008	0,073	FALSE
-0,016	0,299	-0,001	0,008	0,038	FALSE
0,117	0,308	0,003	0,007	0,159	FALSE
-0,030	0,306	-0,001	0,008	0,048	FALSE
0,110	0,315	0,003	0,008	0,150	FALSE
-0,113	0,292	-0,003	0,008	0,150	FALSE
0,145	0,305	0,004	0,008	0,220	FALSE
0,132	0,300	0,004	0,008	0,208	FALSE
0,096	0,320	0,002	0,007	0,121	FALSE
0,149	0,305	0,004	0,008	0,204	FALSE
-0,046	0,319	-0,002	0,009	0,066	FALSE
-0,064	0,314	-0,002	0,010	0,079	FALSE
-0,140	0,291	-0,003	0,009	0,160	FALSE
0,138	0,308	0,004	0,008	0,185	FALSE
-0,040	0,325	-0,001	0,010	0,042	FALSE
-0,039	0,309	-0,002	0,010	0,059	FALSE
0,033	0,315	0,001	0,008	0,045	FALSE
-0,015	0,307	-0,001	0,009	0,040	FALSE
0,004	0,300	-0,001	0,009	0,021	FALSE
0,023	0,310	0,000	0,010	0,002	FALSE
-0,107	0,306	-0,002	0,007	0,128	FALSE
0,062	0,309	0,001	0,008	0,051	FALSE
0,082	0,306	0,003	0,011	0,093	FALSE

0,098	0,314	0,004	0,013	0,114	FALSE
0,064	0,282	0,002	0,011	0,054	FALSE
0,078	0,297	0,002	0,007	0,129	FALSE
-0,104	0,304	-0,003	0,008	0,130	FALSE
-0,117	0,319	-0,003	0,009	0,137	FALSE
-0,001	0,303	0,000	0,008	0,013	FALSE
-0,081	0,309	-0,002	0,007	0,103	FALSE
-0,042	0,307	-0,002	0,012	0,059	FALSE
0,156	0,283	0,005	0,008	0,294	FALSE
-0,012	0,326	-0,001	0,010	0,029	FALSE
-0,055	0,305	-0,002	0,011	0,084	FALSE
-0,023	0,309	-0,001	0,011	0,044	FALSE
-0,066	0,305	-0,003	0,011	0,104	FALSE
-0,054	0,301	-0,003	0,011	0,085	FALSE
-0,145	0,300	-0,003	0,008	0,171	FALSE
-0,054	0,314	-0,002	0,010	0,097	FALSE
-0,020	0,300	-0,001	0,010	0,037	FALSE
-0,121	0,316	-0,005	0,012	0,169	FALSE
-0,045	0,314	-0,001	0,008	0,032	FALSE
0,052	0,309	0,002	0,010	0,072	FALSE
-0,125	0,295	-0,004	0,010	0,168	FALSE
-0,071	0,319	-0,002	0,010	0,065	FALSE
-0,065	0,295	-0,002	0,009	0,075	FALSE
-0,010	0,301	0,001	0,009	0,021	FALSE
-0,027	0,317	-0,001	0,013	0,040	FALSE
-0,035	0,306	-0,001	0,011	0,033	FALSE
0,059	0,297	0,002	0,008	0,075	FALSE
-0,027	0,304	-0,002	0,012	0,062	FALSE
-0,014	0,310	-0,002	0,012	0,052	FALSE
-0,006	0,294	0,000	0,012	0,008	FALSE
0,074	0,314	0,002	0,010	0,089	FALSE
0,091	0,307	0,002	0,008	0,110	FALSE
-0,058	0,303	-0,003	0,011	0,116	FALSE
-0,009	0,302	0,000	0,010	0,015	FALSE
0,003	0,303	0,000	0,011	0,013	FALSE
0,011	0,325	0,001	0,007	0,028	FALSE
0,078	0,298	0,002	0,007	0,118	FALSE
0,019	0,289	0,000	0,006	0,018	FALSE
0,078	0,308	0,003	0,012	0,105	FALSE
0,049	0,319	0,002	0,012	0,062	FALSE
0,000	0,305	-0,001	0,012	0,017	FALSE
-0,151	0,306	-0,003	0,006	0,209	FALSE
0,050	0,316	0,001	0,008	0,061	FALSE
0,015	0,313	0,001	0,010	0,031	FALSE
0,118	0,311	0,004	0,012	0,133	FALSE
0,124	0,309	0,005	0,012	0,151	FALSE
0,070	0,317	0,002	0,013	0,072	FALSE
0,035	0,309	0,001	0,011	0,048	FALSE
-0,078	0,304	-0,003	0,012	0,106	FALSE
0,083	0,318	0,003	0,011	0,098	FALSE
0,128	0,314	0,004	0,010	0,165	FALSE
-0,013	0,318	0,000	0,012	0,014	FALSE
-0,001	0,295	0,000	0,008	0,005	FALSE

0,000	0,302	0,000	0,008	0,005	FALSE
0,002	0,299	0,000	0,006	0,002	FALSE
0,037	0,320	0,001	0,010	0,038	FALSE
-0,070	0,312	-0,003	0,012	0,100	FALSE
0,033	0,305	0,001	0,013	0,034	FALSE
-0,052	0,294	-0,002	0,012	0,078	FALSE
0,009	0,323	0,000	0,007	0,003	FALSE
-0,002	0,313	0,000	0,009	0,013	FALSE
-0,027	0,316	-0,001	0,009	0,032	FALSE
-0,047	0,314	-0,001	0,009	0,045	FALSE
-0,096	0,302	-0,002	0,008	0,112	FALSE
-0,029	0,311	-0,001	0,009	0,037	FALSE
-0,053	0,310	-0,001	0,007	0,068	FALSE
0,074	0,299	0,003	0,012	0,094	FALSE
-0,070	0,300	-0,002	0,009	0,103	FALSE
-0,062	0,299	-0,002	0,009	0,071	FALSE
-0,111	0,306	-0,004	0,012	0,145	FALSE
0,072	0,304	0,003	0,011	0,095	FALSE
0,001	0,311	0,000	0,007	0,000	FALSE
-0,025	0,308	-0,001	0,007	0,047	FALSE
-0,047	0,306	-0,002	0,008	0,074	FALSE
0,002	0,298	0,000	0,009	0,006	FALSE
-0,056	0,305	-0,001	0,008	0,066	FALSE
0,067	0,295	0,003	0,012	0,090	FALSE
-0,029	0,311	-0,001	0,008	0,054	FALSE
-0,055	0,299	-0,002	0,008	0,088	FALSE
0,007	0,307	-0,001	0,011	0,026	FALSE
0,006	0,305	0,000	0,011	0,008	FALSE
0,066	0,317	0,002	0,010	0,067	FALSE
0,109	0,292	0,004	0,011	0,131	FALSE
0,106	0,309	0,002	0,007	0,136	FALSE
-0,082	0,301	-0,003	0,009	0,117	FALSE
0,132	0,291	0,003	0,006	0,198	FALSE
0,125	0,284	0,004	0,009	0,198	FALSE
-0,186	0,284	-0,006	0,009	0,311	FALSE
-0,092	0,316	-0,002	0,008	0,099	FALSE
-0,150	0,299	-0,004	0,009	0,207	FALSE
-0,078	0,307	-0,002	0,012	0,073	FALSE
0,071	0,319	0,002	0,008	0,100	FALSE
-0,185	0,295	-0,005	0,007	0,305	FALSE
0,165	0,313	0,006	0,012	0,205	FALSE
0,058	0,314	0,003	0,013	0,079	FALSE
0,098	0,306	0,002	0,008	0,097	FALSE
-0,120	0,304	-0,003	0,008	0,178	FALSE
0,056	0,302	0,003	0,011	0,097	FALSE
0,092	0,319	0,003	0,009	0,116	FALSE
0,051	0,309	0,002	0,012	0,063	FALSE
-0,041	0,306	-0,001	0,008	0,053	FALSE
-0,123	0,302	-0,003	0,008	0,175	FALSE
-0,027	0,303	-0,001	0,011	0,023	FALSE
0,033	0,314	0,001	0,009	0,029	FALSE
0,083	0,318	0,002	0,008	0,099	FALSE
-0,001	0,308	0,000	0,006	0,014	FALSE

0,035	0,293	0,000	0,006	0,017	FALSE
-0,023	0,315	-0,001	0,011	0,025	FALSE
0,028	0,305	0,000	0,007	0,008	FALSE
-0,021	0,294	0,000	0,006	0,011	FALSE
-0,087	0,297	-0,002	0,006	0,113	FALSE
0,000	0,301	-0,002	0,011	0,049	FALSE
-0,062	0,312	-0,001	0,013	0,038	FALSE
0,029	0,315	0,000	0,010	0,000	FALSE
0,036	0,300	0,001	0,007	0,039	FALSE
-0,145	0,290	-0,003	0,009	0,160	FALSE
-0,185	0,305	-0,004	0,008	0,237	FALSE
-0,097	0,303	-0,002	0,006	0,111	FALSE
-0,042	0,314	-0,001	0,007	0,063	FALSE
-0,063	0,291	-0,002	0,012	0,077	FALSE
0,009	0,305	0,000	0,007	0,009	FALSE
0,021	0,327	0,000	0,010	0,004	FALSE
0,108	0,310	0,002	0,008	0,121	FALSE
-0,064	0,304	-0,002	0,009	0,078	FALSE
-0,135	0,298	-0,004	0,009	0,204	FALSE
0,012	0,311	0,001	0,012	0,026	FALSE
-0,058	0,303	-0,001	0,007	0,073	FALSE
0,131	0,295	0,004	0,009	0,199	FALSE
-0,050	0,306	-0,001	0,006	0,042	FALSE
-0,028	0,320	0,000	0,007	0,001	FALSE
0,093	0,294	0,003	0,011	0,115	FALSE
0,052	0,299	0,001	0,007	0,075	FALSE
-0,076	0,322	-0,002	0,007	0,114	FALSE
-0,034	0,295	-0,002	0,011	0,055	FALSE
0,133	0,301	0,005	0,009	0,216	FALSE
-0,015	0,316	-0,001	0,009	0,019	FALSE
0,021	0,299	0,001	0,008	0,036	FALSE
-0,093	0,321	-0,003	0,009	0,111	FALSE
-0,031	0,300	0,000	0,006	0,020	FALSE
-0,021	0,306	-0,001	0,009	0,051	FALSE
-0,018	0,297	-0,001	0,009	0,052	FALSE
0,108	0,303	0,003	0,007	0,138	FALSE
-0,044	0,317	-0,003	0,012	0,083	FALSE
-0,044	0,311	-0,002	0,010	0,058	FALSE
-0,037	0,308	-0,001	0,010	0,039	FALSE
0,017	0,318	0,001	0,008	0,033	FALSE
0,110	0,326	0,003	0,008	0,159	FALSE
0,103	0,304	0,002	0,007	0,134	FALSE
-0,087	0,303	-0,002	0,010	0,091	FALSE
0,123	0,313	0,003	0,009	0,142	FALSE
0,066	0,296	0,003	0,008	0,125	FALSE
-0,030	0,303	-0,001	0,011	0,016	FALSE
-0,031	0,308	-0,001	0,011	0,040	FALSE
-0,091	0,316	-0,003	0,008	0,119	FALSE
-0,023	0,315	-0,001	0,007	0,042	FALSE
-0,056	0,315	-0,001	0,010	0,053	FALSE
0,039	0,301	0,001	0,011	0,021	FALSE
-0,005	0,319	-0,001	0,012	0,031	FALSE
0,107	0,299	0,003	0,010	0,122	FALSE

-0,142	0,304	-0,003	0,007	0,197	FALSE
-0,122	0,314	-0,003	0,007	0,162	FALSE
0,110	0,299	0,003	0,007	0,180	FALSE
0,085	0,312	0,002	0,007	0,090	FALSE
-0,006	0,309	-0,001	0,009	0,038	FALSE
0,083	0,315	0,002	0,010	0,069	FALSE
0,042	0,313	0,001	0,009	0,052	FALSE
0,097	0,313	0,002	0,007	0,134	FALSE
0,060	0,301	0,002	0,012	0,075	FALSE
0,073	0,302	0,002	0,008	0,072	FALSE
0,071	0,311	0,002	0,009	0,087	FALSE
0,069	0,298	0,002	0,009	0,073	FALSE
0,019	0,312	0,001	0,010	0,036	FALSE
0,076	0,311	0,003	0,011	0,094	FALSE
-0,023	0,303	-0,001	0,012	0,042	FALSE
0,056	0,312	0,001	0,007	0,046	FALSE
0,022	0,312	0,000	0,008	0,001	FALSE
-0,018	0,304	-0,001	0,008	0,033	FALSE
0,131	0,300	0,005	0,010	0,229	FALSE
0,075	0,301	0,003	0,011	0,090	FALSE
0,065	0,312	0,002	0,011	0,077	FALSE
0,097	0,300	0,002	0,012	0,076	FALSE
0,004	0,312	0,001	0,011	0,028	FALSE
0,007	0,295	0,002	0,012	0,048	FALSE
0,005	0,309	0,000	0,012	0,010	FALSE
-0,103	0,288	-0,003	0,009	0,144	FALSE
0,008	0,298	0,000	0,007	0,024	FALSE
-0,057	0,298	-0,001	0,009	0,046	FALSE
0,072	0,314	0,002	0,012	0,069	FALSE
0,059	0,313	0,002	0,011	0,075	FALSE
-0,086	0,320	-0,003	0,012	0,102	FALSE
-0,026	0,303	-0,001	0,011	0,032	FALSE
-0,034	0,307	-0,001	0,011	0,043	FALSE
-0,191	0,311	-0,006	0,009	0,282	FALSE
-0,202	0,300	-0,004	0,007	0,281	FALSE
0,072	0,310	0,002	0,007	0,104	FALSE
0,010	0,314	0,000	0,007	0,017	FALSE
-0,032	0,314	-0,001	0,012	0,029	FALSE
-0,011	0,310	-0,001	0,007	0,050	FALSE
0,012	0,298	0,000	0,009	0,014	FALSE
-0,032	0,317	0,000	0,008	0,020	FALSE
-0,018	0,308	-0,001	0,011	0,023	FALSE
-0,004	0,318	0,000	0,009	0,014	FALSE
-0,046	0,304	-0,001	0,009	0,047	FALSE
-0,120	0,318	-0,002	0,007	0,126	FALSE
0,090	0,290	0,002	0,007	0,124	FALSE
-0,082	0,309	-0,002	0,009	0,100	FALSE
-0,076	0,290	-0,002	0,008	0,113	FALSE
-0,044	0,312	0,000	0,007	0,020	FALSE
0,091	0,283	0,002	0,006	0,166	FALSE
-0,130	0,309	-0,005	0,010	0,198	FALSE
0,067	0,320	0,001	0,008	0,073	FALSE
0,052	0,298	0,001	0,006	0,092	FALSE

0,181	0,295	0,004	0,007	0,259	FALSE
0,192	0,306	0,004	0,006	0,273	FALSE
0,090	0,303	0,002	0,009	0,103	FALSE
0,018	0,307	0,000	0,011	0,001	FALSE
0,017	0,309	0,000	0,011	0,016	FALSE
0,130	0,292	0,004	0,007	0,256	FALSE
0,151	0,293	0,005	0,007	0,280	FALSE
-0,077	0,298	-0,002	0,006	0,092	FALSE
0,112	0,311	0,002	0,006	0,095	FALSE
0,127	0,311	0,002	0,007	0,123	FALSE
-0,018	0,301	-0,001	0,011	0,038	FALSE
0,069	0,322	0,003	0,012	0,097	FALSE
-0,081	0,311	-0,003	0,013	0,075	FALSE
0,111	0,307	0,003	0,008	0,158	FALSE
-0,010	0,303	0,000	0,006	0,015	FALSE
-0,013	0,310	-0,001	0,009	0,020	FALSE
-0,030	0,310	-0,002	0,012	0,063	FALSE
-0,017	0,305	-0,001	0,011	0,042	FALSE
-0,021	0,314	-0,002	0,011	0,062	FALSE
-0,020	0,313	-0,002	0,012	0,067	FALSE
-0,014	0,308	-0,002	0,011	0,057	FALSE
-0,050	0,305	-0,003	0,011	0,103	FALSE
-0,050	0,312	-0,003	0,011	0,096	FALSE
-0,009	0,309	-0,001	0,011	0,048	FALSE
0,027	0,299	0,002	0,012	0,066	FALSE
0,015	0,292	0,000	0,007	0,002	FALSE
-0,094	0,309	-0,003	0,010	0,112	FALSE
0,025	0,309	0,000	0,011	0,013	FALSE
0,024	0,303	0,001	0,012	0,039	FALSE
0,053	0,316	0,002	0,011	0,050	FALSE
0,011	0,312	0,000	0,007	0,008	FALSE
0,019	0,308	0,001	0,007	0,032	FALSE
-0,185	0,314	-0,005	0,009	0,260	FALSE
0,054	0,308	0,001	0,008	0,057	FALSE
0,083	0,303	0,003	0,011	0,085	FALSE
-0,084	0,305	-0,002	0,010	0,086	FALSE
0,030	0,318	0,001	0,008	0,029	FALSE
-0,030	0,319	-0,001	0,012	0,036	FALSE
-0,112	0,309	-0,003	0,007	0,159	FALSE
-0,015	0,302	0,000	0,012	0,008	FALSE
-0,031	0,311	0,000	0,007	0,002	FALSE
-0,064	0,313	-0,001	0,007	0,058	FALSE
0,076	0,294	0,002	0,007	0,101	FALSE
0,040	0,316	0,000	0,012	0,011	FALSE
0,071	0,308	0,002	0,008	0,083	FALSE
-0,022	0,312	0,000	0,009	0,011	FALSE
0,007	0,307	0,000	0,007	0,019	FALSE
0,032	0,310	0,001	0,006	0,058	FALSE
-0,100	0,323	-0,003	0,009	0,143	FALSE
0,071	0,310	0,001	0,008	0,063	FALSE
0,038	0,299	0,001	0,007	0,065	FALSE
0,080	0,295	0,003	0,010	0,104	FALSE
0,000	0,303	0,000	0,006	0,017	FALSE

0,189	0,316	0,005	0,009	0,246	FALSE
0,133	0,308	0,002	0,006	0,161	FALSE
0,013	0,308	0,000	0,007	0,001	FALSE
0,023	0,303	0,001	0,007	0,039	FALSE
0,080	0,297	0,003	0,009	0,109	FALSE
0,066	0,315	0,002	0,012	0,078	FALSE
0,058	0,318	0,002	0,010	0,093	FALSE
0,083	0,305	0,003	0,012	0,107	FALSE
0,073	0,302	0,003	0,010	0,121	FALSE
-0,015	0,309	-0,002	0,012	0,065	FALSE
0,134	0,302	0,004	0,008	0,189	FALSE
0,087	0,303	0,005	0,011	0,171	FALSE
-0,117	0,298	-0,003	0,009	0,115	FALSE
-0,021	0,309	0,000	0,006	0,007	FALSE
0,063	0,311	0,003	0,012	0,089	FALSE
0,119	0,306	0,004	0,011	0,167	FALSE
0,042	0,309	0,003	0,012	0,083	FALSE
-0,048	0,314	-0,001	0,007	0,077	FALSE
0,116	0,304	0,003	0,006	0,184	FALSE
0,095	0,309	0,004	0,013	0,125	FALSE
-0,125	0,310	-0,003	0,009	0,153	FALSE
0,020	0,311	0,001	0,012	0,019	FALSE
-0,019	0,320	-0,001	0,013	0,015	FALSE
-0,003	0,320	0,000	0,013	0,002	FALSE
0,017	0,317	0,000	0,013	0,009	FALSE
-0,032	0,316	-0,001	0,013	0,043	FALSE
-0,021	0,306	-0,001	0,013	0,017	FALSE
-0,014	0,305	-0,001	0,012	0,018	FALSE
-0,021	0,318	-0,001	0,013	0,030	FALSE
-0,013	0,321	0,000	0,013	0,011	FALSE
-0,031	0,301	0,000	0,010	0,005	FALSE
-0,090	0,310	-0,004	0,013	0,112	FALSE
-0,022	0,308	-0,002	0,013	0,053	FALSE
-0,060	0,323	-0,001	0,007	0,052	FALSE
0,023	0,313	0,001	0,006	0,040	FALSE
0,021	0,321	0,001	0,013	0,033	FALSE
0,001	0,319	0,000	0,013	0,007	FALSE
-0,027	0,315	-0,001	0,013	0,028	FALSE
-0,010	0,335	0,000	0,013	0,013	FALSE
-0,001	0,317	0,000	0,012	0,002	FALSE
0,012	0,316	0,001	0,012	0,016	FALSE
-0,025	0,314	-0,001	0,012	0,026	FALSE
-0,046	0,309	-0,001	0,007	0,051	FALSE
0,009	0,302	0,001	0,012	0,026	FALSE
-0,001	0,317	0,000	0,012	0,006	FALSE
-0,043	0,296	0,000	0,007	0,001	FALSE
-0,162	0,297	-0,006	0,010	0,237	FALSE
-0,147	0,297	-0,005	0,009	0,221	FALSE
0,085	0,295	0,001	0,007	0,079	FALSE
-0,077	0,305	-0,001	0,007	0,067	FALSE
0,024	0,318	0,000	0,013	0,013	FALSE
-0,008	0,306	0,000	0,012	0,012	FALSE
-0,018	0,322	-0,001	0,013	0,017	FALSE

0,007	0,313	0,000	0,013	0,006	FALSE
-0,009	0,310	0,000	0,012	0,002	FALSE
-0,009	0,317	0,000	0,012	0,004	FALSE
-0,030	0,325	-0,001	0,013	0,038	FALSE
0,020	0,325	0,001	0,013	0,022	FALSE
-0,014	0,317	-0,001	0,012	0,021	FALSE
-0,017	0,307	0,000	0,012	0,013	FALSE
-0,010	0,306	0,000	0,011	0,002	FALSE
0,025	0,311	0,001	0,008	0,031	FALSE
-0,028	0,319	-0,001	0,006	0,071	FALSE
0,006	0,298	0,000	0,009	0,009	FALSE
-0,056	0,309	-0,002	0,008	0,086	FALSE
0,009	0,314	0,000	0,013	0,011	FALSE
0,003	0,312	0,001	0,008	0,026	FALSE
0,044	0,311	0,002	0,008	0,085	FALSE
-0,015	0,305	0,000	0,013	0,011	FALSE
0,037	0,309	0,000	0,007	0,023	FALSE
0,056	0,304	0,002	0,011	0,058	FALSE
0,078	0,306	0,003	0,012	0,105	FALSE
0,005	0,323	0,000	0,009	0,004	FALSE
-0,142	0,292	-0,004	0,010	0,168	FALSE
-0,092	0,301	-0,002	0,010	0,097	FALSE
-0,025	0,317	-0,001	0,007	0,043	FALSE
-0,029	0,302	-0,001	0,006	0,080	FALSE
0,023	0,314	0,000	0,007	0,006	FALSE
0,028	0,304	0,000	0,006	0,003	FALSE
0,053	0,310	0,001	0,007	0,075	FALSE
-0,011	0,322	-0,001	0,007	0,046	FALSE
0,005	0,309	0,000	0,007	0,021	FALSE
0,129	0,306	0,004	0,010	0,169	FALSE
0,126	0,303	0,003	0,009	0,154	FALSE
0,020	0,318	0,000	0,007	0,024	FALSE
-0,026	0,312	-0,001	0,008	0,055	FALSE
-0,011	0,317	-0,001	0,007	0,039	FALSE
-0,107	0,306	-0,003	0,008	0,152	FALSE
-0,046	0,308	-0,001	0,010	0,047	FALSE
-0,008	0,319	0,000	0,010	0,005	FALSE
0,195	0,295	0,008	0,012	0,292	FALSE
0,136	0,295	0,003	0,006	0,191	FALSE
0,145	0,299	0,003	0,006	0,203	FALSE
0,116	0,295	0,005	0,012	0,167	FALSE
0,083	0,300	0,002	0,007	0,112	FALSE
-0,082	0,312	-0,002	0,007	0,123	FALSE
0,029	0,311	0,001	0,006	0,047	FALSE
0,090	0,293	0,003	0,011	0,115	FALSE
-0,047	0,311	-0,001	0,008	0,041	FALSE
-0,043	0,312	-0,001	0,008	0,039	FALSE
-0,034	0,306	0,000	0,008	0,016	FALSE
-0,053	0,324	-0,001	0,008	0,057	FALSE
-0,033	0,313	-0,001	0,008	0,031	FALSE
-0,047	0,314	-0,001	0,008	0,048	FALSE
-0,016	0,319	0,000	0,008	0,001	FALSE
0,097	0,302	0,003	0,010	0,115	FALSE

0,143	0,305	0,005	0,011	0,175	FALSE
0,034	0,304	0,001	0,008	0,059	FALSE
-0,139	0,311	-0,005	0,010	0,208	FALSE
-0,010	0,315	0,000	0,007	0,011	FALSE
0,073	0,311	0,002	0,008	0,089	FALSE
0,130	0,318	0,004	0,008	0,175	FALSE
0,010	0,317	0,000	0,008	0,001	FALSE
0,010	0,292	0,000	0,010	0,018	FALSE
0,061	0,301	0,002	0,012	0,072	FALSE
0,133	0,321	0,006	0,013	0,182	FALSE
0,118	0,314	0,005	0,013	0,145	FALSE
0,086	0,305	0,004	0,012	0,114	FALSE
0,055	0,309	0,001	0,006	0,083	FALSE
0,043	0,301	0,001	0,010	0,041	FALSE
-0,033	0,320	-0,001	0,010	0,039	FALSE
0,035	0,313	0,002	0,008	0,072	FALSE
-0,072	0,302	-0,004	0,012	0,140	FALSE
-0,010	0,318	0,000	0,012	0,003	FALSE
-0,057	0,299	-0,004	0,012	0,116	FALSE
-0,001	0,306	0,000	0,008	0,006	FALSE
0,097	0,305	0,003	0,008	0,153	FALSE
0,038	0,309	0,002	0,007	0,079	FALSE
0,126	0,298	0,003	0,006	0,202	FALSE
-0,012	0,306	-0,001	0,009	0,030	FALSE
-0,163	0,307	-0,005	0,011	0,218	FALSE
-0,109	0,290	-0,003	0,010	0,113	FALSE
0,000	0,304	0,000	0,009	0,020	FALSE
-0,012	0,308	-0,001	0,012	0,018	FALSE
-0,053	0,325	-0,001	0,010	0,050	FALSE
-0,057	0,319	-0,001	0,009	0,048	FALSE
0,184	0,300	0,007	0,011	0,288	FALSE
0,038	0,318	0,002	0,013	0,045	FALSE
0,063	0,296	0,002	0,009	0,086	FALSE
-0,029	0,310	-0,001	0,007	0,050	FALSE
-0,101	0,296	-0,002	0,006	0,157	FALSE
-0,032	0,297	-0,001	0,008	0,047	FALSE
-0,156	0,314	-0,006	0,012	0,223	FALSE
-0,158	0,307	-0,006	0,011	0,219	FALSE
-0,062	0,296	-0,002	0,007	0,083	FALSE
0,116	0,301	0,003	0,008	0,170	FALSE
0,104	0,308	0,003	0,012	0,114	FALSE
-0,029	0,304	-0,001	0,012	0,027	FALSE
-0,077	0,315	-0,003	0,011	0,110	FALSE
-0,074	0,303	-0,002	0,008	0,080	FALSE
0,058	0,305	0,001	0,006	0,085	FALSE
-0,019	0,306	-0,001	0,013	0,031	FALSE
-0,031	0,314	-0,002	0,013	0,051	FALSE
-0,038	0,312	-0,002	0,013	0,052	FALSE
0,090	0,308	0,002	0,007	0,118	FALSE
-0,015	0,308	-0,001	0,012	0,025	FALSE
-0,036	0,309	-0,002	0,012	0,052	FALSE
0,030	0,304	0,001	0,007	0,044	FALSE
-0,028	0,306	0,000	0,006	0,019	FALSE

-0,010	0,292	0,000	0,007	0,016	FALSE
-0,022	0,295	0,000	0,009	0,010	FALSE
-0,031	0,316	0,000	0,010	0,010	FALSE
0,021	0,310	0,001	0,012	0,039	FALSE
0,064	0,325	0,003	0,013	0,082	FALSE
-0,041	0,290	-0,001	0,009	0,028	FALSE
0,060	0,320	0,003	0,013	0,079	FALSE
-0,140	0,295	-0,005	0,009	0,207	FALSE
-0,031	0,302	-0,001	0,007	0,034	FALSE
0,047	0,306	0,001	0,006	0,085	FALSE
-0,027	0,307	-0,001	0,008	0,057	FALSE
-0,098	0,299	-0,004	0,011	0,138	FALSE
0,174	0,293	0,005	0,008	0,277	FALSE
0,197	0,279	0,005	0,007	0,349	FALSE
0,035	0,291	0,001	0,011	0,038	FALSE
-0,023	0,328	0,000	0,011	0,012	FALSE
0,099	0,310	0,003	0,013	0,100	FALSE
-0,072	0,296	-0,003	0,012	0,086	FALSE
-0,072	0,295	-0,003	0,009	0,113	FALSE
-0,069	0,312	-0,002	0,008	0,089	FALSE
0,048	0,305	0,001	0,011	0,024	FALSE
0,016	0,311	0,000	0,012	0,005	FALSE
0,055	0,296	0,003	0,008	0,131	FALSE
-0,164	0,303	-0,006	0,011	0,241	FALSE
-0,164	0,295	-0,006	0,011	0,234	FALSE
-0,165	0,310	-0,006	0,011	0,225	FALSE
-0,135	0,303	-0,004	0,010	0,173	FALSE
-0,156	0,311	-0,005	0,011	0,198	FALSE
-0,037	0,305	-0,002	0,012	0,055	FALSE
-0,047	0,307	-0,002	0,011	0,055	FALSE
-0,080	0,310	-0,003	0,012	0,098	FALSE
-0,115	0,316	-0,003	0,008	0,154	FALSE
0,042	0,308	0,001	0,010	0,036	FALSE
0,033	0,309	0,002	0,010	0,062	FALSE
0,029	0,309	0,001	0,006	0,044	FALSE
-0,083	0,290	-0,002	0,007	0,142	FALSE
-0,060	0,313	-0,002	0,013	0,069	FALSE
-0,021	0,306	-0,001	0,010	0,031	FALSE
-0,030	0,301	-0,001	0,007	0,045	FALSE
0,037	0,307	0,001	0,009	0,021	FALSE
0,029	0,311	0,000	0,008	0,008	FALSE
-0,012	0,296	0,000	0,009	0,007	FALSE
0,115	0,307	0,004	0,013	0,138	FALSE
-0,063	0,323	-0,002	0,008	0,080	FALSE
-0,113	0,302	-0,003	0,007	0,149	FALSE
0,051	0,309	0,001	0,012	0,040	FALSE
0,013	0,308	0,000	0,006	0,018	FALSE
0,032	0,312	0,001	0,008	0,027	FALSE
0,052	0,310	0,001	0,009	0,048	FALSE
-0,085	0,312	-0,001	0,006	0,087	FALSE
-0,060	0,296	-0,002	0,011	0,089	FALSE
0,149	0,305	0,005	0,010	0,214	FALSE
0,053	0,293	0,002	0,008	0,096	FALSE

0,117	0,318	0,003	0,008	0,151	FALSE
0,171	0,306	0,004	0,008	0,188	FALSE
0,129	0,302	0,003	0,007	0,174	FALSE
-0,024	0,307	0,000	0,013	0,006	FALSE
-0,009	0,297	-0,001	0,012	0,017	FALSE
-0,103	0,317	-0,003	0,010	0,122	FALSE
-0,138	0,286	-0,004	0,008	0,192	FALSE
0,023	0,300	0,000	0,012	0,005	FALSE
0,009	0,304	0,000	0,013	0,009	FALSE
-0,028	0,309	-0,001	0,008	0,062	FALSE
0,128	0,305	0,005	0,011	0,195	FALSE
0,177	0,287	0,007	0,011	0,279	FALSE
-0,109	0,302	-0,005	0,012	0,173	FALSE
-0,111	0,313	-0,004	0,010	0,175	FALSE
0,134	0,307	0,003	0,008	0,133	FALSE
0,052	0,311	0,002	0,012	0,073	FALSE
0,035	0,301	0,001	0,012	0,039	FALSE
0,058	0,317	0,002	0,013	0,047	FALSE
0,010	0,305	0,000	0,010	0,002	FALSE
-0,057	0,306	-0,002	0,012	0,049	FALSE
-0,071	0,310	-0,003	0,010	0,113	FALSE
-0,111	0,313	-0,004	0,010	0,159	FALSE
-0,046	0,293	-0,001	0,011	0,044	FALSE
-0,035	0,297	-0,001	0,011	0,026	FALSE
-0,071	0,305	-0,002	0,007	0,120	FALSE
-0,107	0,312	-0,005	0,012	0,161	FALSE
-0,090	0,316	-0,004	0,012	0,119	FALSE
-0,017	0,314	-0,002	0,012	0,052	FALSE
-0,079	0,321	-0,003	0,012	0,101	FALSE
-0,102	0,308	-0,003	0,006	0,163	FALSE
0,155	0,310	0,003	0,007	0,194	FALSE
0,078	0,312	0,004	0,010	0,136	FALSE
0,017	0,315	0,000	0,011	0,016	FALSE
0,015	0,310	0,000	0,009	0,009	FALSE
0,039	0,307	0,001	0,008	0,034	FALSE
-0,095	0,291	-0,004	0,012	0,123	FALSE
-0,007	0,309	0,000	0,013	0,003	FALSE
-0,005	0,296	0,000	0,008	0,012	FALSE
-0,128	0,301	-0,003	0,007	0,172	FALSE
0,006	0,300	0,000	0,006	0,007	FALSE
-0,039	0,325	-0,001	0,007	0,024	FALSE
-0,048	0,314	-0,002	0,011	0,050	FALSE
-0,030	0,308	-0,002	0,010	0,065	FALSE
-0,043	0,297	-0,001	0,008	0,023	FALSE
-0,034	0,305	-0,001	0,007	0,057	FALSE
0,087	0,310	0,003	0,011	0,113	FALSE
-0,044	0,298	-0,001	0,007	0,031	FALSE
0,103	0,310	0,002	0,008	0,126	FALSE
-0,030	0,300	0,000	0,006	0,023	FALSE
0,067	0,297	0,002	0,012	0,055	FALSE
-0,040	0,313	-0,001	0,008	0,059	FALSE
-0,065	0,302	-0,003	0,011	0,108	FALSE
-0,050	0,313	-0,002	0,011	0,077	FALSE

-0,112	0,299	-0,004	0,011	0,158	FALSE
0,102	0,303	0,004	0,010	0,156	FALSE
0,079	0,305	0,003	0,010	0,104	FALSE
0,087	0,308	0,002	0,007	0,131	FALSE
-0,046	0,313	-0,001	0,013	0,040	FALSE
-0,136	0,313	-0,004	0,011	0,171	FALSE
-0,001	0,309	0,000	0,008	0,020	FALSE
0,082	0,303	0,002	0,008	0,116	FALSE
-0,154	0,298	-0,005	0,009	0,246	FALSE
-0,009	0,300	-0,001	0,011	0,037	FALSE
0,073	0,306	0,002	0,008	0,100	FALSE
0,102	0,298	0,002	0,007	0,129	FALSE
-0,083	0,316	-0,004	0,012	0,138	FALSE
0,059	0,301	0,003	0,009	0,124	FALSE
0,090	0,301	0,003	0,007	0,160	FALSE
0,088	0,310	0,002	0,007	0,120	FALSE
-0,005	0,313	0,000	0,007	0,006	FALSE
-0,089	0,307	-0,002	0,006	0,125	FALSE
0,060	0,305	0,001	0,007	0,056	FALSE
-0,075	0,330	-0,002	0,008	0,084	FALSE
-0,157	0,301	-0,004	0,008	0,213	FALSE
0,178	0,294	0,007	0,011	0,302	FALSE
-0,093	0,316	-0,003	0,011	0,098	FALSE
0,167	0,302	0,003	0,006	0,225	FALSE
-0,014	0,306	0,000	0,006	0,016	FALSE
0,129	0,298	0,003	0,007	0,206	FALSE
-0,073	0,296	-0,004	0,011	0,140	FALSE
0,035	0,306	0,001	0,009	0,052	FALSE
0,014	0,328	0,001	0,007	0,028	FALSE
0,014	0,293	0,000	0,011	0,008	FALSE
-0,032	0,280	-0,001	0,011	0,026	FALSE
0,104	0,311	0,003	0,012	0,109	FALSE
0,002	0,316	0,001	0,013	0,017	FALSE
0,037	0,328	0,001	0,007	0,065	FALSE
-0,037	0,302	-0,002	0,009	0,083	FALSE
-0,083	0,307	-0,002	0,008	0,095	FALSE
-0,003	0,300	0,000	0,006	0,009	FALSE
-0,071	0,318	-0,003	0,011	0,113	FALSE
-0,032	0,309	-0,001	0,011	0,037	FALSE
-0,010	0,309	0,000	0,006	0,017	FALSE
0,026	0,310	0,001	0,012	0,042	FALSE
0,036	0,299	0,002	0,012	0,053	FALSE
0,066	0,299	0,003	0,012	0,092	FALSE
0,036	0,301	0,002	0,011	0,069	FALSE
0,035	0,309	0,001	0,008	0,035	FALSE
-0,057	0,314	-0,003	0,009	0,109	FALSE
0,016	0,319	0,002	0,012	0,050	FALSE
-0,038	0,315	-0,002	0,009	0,094	FALSE
0,026	0,302	0,001	0,011	0,041	FALSE
0,144	0,292	0,005	0,010	0,233	FALSE
-0,030	0,306	-0,001	0,008	0,032	FALSE
0,089	0,317	0,004	0,011	0,137	FALSE
-0,033	0,294	-0,001	0,009	0,053	FALSE

-0,014	0,304	-0,001	0,012	0,026	FALSE
0,041	0,298	0,002	0,009	0,095	FALSE
0,012	0,296	0,001	0,007	0,040	FALSE
-0,010	0,314	0,000	0,010	0,000	FALSE
-0,072	0,301	-0,002	0,012	0,071	FALSE
0,100	0,297	0,004	0,012	0,143	FALSE
-0,081	0,303	-0,003	0,007	0,154	FALSE
-0,068	0,302	-0,001	0,007	0,057	FALSE
-0,025	0,302	-0,001	0,008	0,030	FALSE
0,019	0,293	0,000	0,006	0,011	FALSE
0,008	0,300	0,001	0,010	0,041	FALSE
0,042	0,302	0,001	0,007	0,043	FALSE
0,158	0,298	0,004	0,007	0,227	FALSE
0,079	0,309	0,002	0,008	0,098	FALSE
-0,023	0,303	-0,002	0,012	0,047	FALSE
-0,066	0,296	-0,003	0,011	0,100	FALSE
-0,035	0,317	-0,001	0,011	0,030	FALSE
0,074	0,313	0,002	0,012	0,062	FALSE
-0,085	0,311	-0,003	0,011	0,091	FALSE
-0,038	0,304	-0,001	0,011	0,027	FALSE
-0,028	0,301	0,000	0,011	0,006	FALSE
0,038	0,317	0,001	0,010	0,023	FALSE
0,089	0,303	0,002	0,006	0,144	FALSE
0,041	0,312	0,003	0,012	0,080	FALSE
0,139	0,303	0,004	0,007	0,216	FALSE
0,022	0,311	0,000	0,013	0,001	FALSE
-0,120	0,304	-0,003	0,007	0,164	FALSE
0,019	0,300	0,001	0,009	0,051	FALSE
-0,021	0,316	0,000	0,012	0,012	FALSE
-0,042	0,312	-0,001	0,012	0,032	FALSE
-0,071	0,305	-0,002	0,012	0,066	FALSE
-0,125	0,312	-0,003	0,009	0,127	FALSE
0,132	0,309	0,004	0,010	0,175	FALSE
-0,171	0,299	-0,006	0,011	0,242	FALSE
-0,011	0,310	0,000	0,008	0,015	FALSE
-0,007	0,304	0,000	0,012	0,005	FALSE
0,032	0,313	0,001	0,011	0,047	FALSE
0,021	0,307	0,001	0,010	0,027	FALSE
0,043	0,310	0,002	0,010	0,062	FALSE
0,126	0,297	0,005	0,010	0,215	FALSE
-0,075	0,310	-0,001	0,010	0,055	FALSE
-0,027	0,295	0,000	0,007	0,006	FALSE
-0,032	0,298	0,000	0,009	0,016	FALSE
0,000	0,300	-0,001	0,009	0,034	FALSE
0,055	0,317	0,001	0,012	0,043	FALSE
-0,067	0,311	-0,002	0,007	0,084	FALSE
-0,055	0,313	-0,002	0,009	0,078	FALSE
0,031	0,296	0,002	0,009	0,083	FALSE
-0,007	0,296	0,000	0,007	0,019	FALSE
0,042	0,311	0,001	0,010	0,054	FALSE
0,010	0,315	0,000	0,007	0,014	FALSE
0,042	0,302	0,002	0,010	0,087	FALSE
-0,104	0,314	-0,003	0,009	0,119	FALSE

-0,066	0,303	-0,002	0,007	0,079	FALSE
-0,020	0,315	-0,001	0,009	0,022	FALSE
-0,102	0,315	-0,002	0,007	0,093	FALSE
0,019	0,320	0,001	0,008	0,023	FALSE
-0,112	0,299	-0,004	0,012	0,116	FALSE
0,053	0,315	0,001	0,010	0,044	FALSE
-0,208	0,300	-0,006	0,009	0,311	FALSE
0,129	0,310	0,004	0,011	0,166	FALSE
0,037	0,299	0,001	0,009	0,030	FALSE
0,008	0,315	0,000	0,009	0,010	FALSE
0,075	0,305	0,002	0,008	0,101	FALSE
-0,071	0,310	-0,002	0,009	0,093	FALSE
0,061	0,307	0,001	0,008	0,071	FALSE
0,010	0,301	0,000	0,008	0,004	FALSE
0,023	0,302	0,000	0,011	0,010	FALSE
0,090	0,309	0,002	0,007	0,109	FALSE
0,008	0,317	0,000	0,012	0,002	FALSE
0,008	0,309	0,000	0,012	0,011	FALSE
0,040	0,312	0,001	0,011	0,023	FALSE
-0,068	0,300	-0,001	0,007	0,054	FALSE
-0,122	0,301	-0,005	0,012	0,150	FALSE
0,047	0,305	0,002	0,012	0,055	FALSE
0,004	0,312	0,000	0,012	0,004	FALSE
0,018	0,315	0,000	0,011	0,002	FALSE
0,088	0,301	0,003	0,010	0,110	FALSE
-0,069	0,291	-0,002	0,009	0,093	FALSE
-0,053	0,317	-0,002	0,010	0,058	FALSE
0,062	0,312	0,003	0,011	0,113	FALSE
0,012	0,313	0,001	0,011	0,034	FALSE
-0,032	0,306	-0,001	0,010	0,031	FALSE
-0,048	0,306	-0,001	0,011	0,046	FALSE
0,115	0,303	0,005	0,010	0,179	FALSE
-0,097	0,307	-0,003	0,012	0,109	FALSE
-0,046	0,293	-0,001	0,008	0,034	FALSE
-0,114	0,304	-0,002	0,006	0,159	FALSE
0,064	0,301	0,001	0,010	0,049	FALSE
-0,099	0,313	-0,003	0,007	0,139	FALSE
-0,082	0,309	-0,004	0,011	0,125	FALSE
-0,052	0,303	-0,003	0,011	0,105	FALSE
-0,094	0,305	-0,003	0,012	0,110	FALSE
-0,179	0,299	-0,008	0,013	0,274	FALSE
-0,042	0,284	-0,002	0,011	0,077	FALSE
-0,043	0,312	-0,001	0,008	0,047	FALSE
0,006	0,318	0,000	0,008	0,016	FALSE
-0,060	0,313	-0,002	0,010	0,064	FALSE
-0,063	0,292	-0,003	0,010	0,124	FALSE
0,057	0,300	0,001	0,008	0,057	FALSE
-0,018	0,318	-0,001	0,013	0,026	FALSE
0,051	0,307	0,002	0,011	0,062	FALSE
0,034	0,286	0,001	0,010	0,024	FALSE
0,042	0,288	0,000	0,006	0,028	FALSE
-0,044	0,305	-0,002	0,011	0,050	FALSE
-0,053	0,302	-0,001	0,006	0,049	FALSE

-0,048	0,305	-0,002	0,011	0,059	FALSE
-0,036	0,312	-0,001	0,012	0,039	FALSE
0,024	0,312	0,001	0,009	0,027	FALSE
0,071	0,302	0,004	0,012	0,110	FALSE
-0,102	0,300	-0,003	0,009	0,114	FALSE
-0,022	0,300	0,000	0,013	0,008	FALSE
0,085	0,309	0,004	0,012	0,124	FALSE
0,017	0,290	0,000	0,006	0,023	FALSE
0,025	0,303	0,001	0,006	0,032	FALSE
0,069	0,300	0,001	0,006	0,091	FALSE
-0,003	0,313	0,000	0,006	0,004	FALSE
-0,035	0,311	0,000	0,008	0,019	FALSE
0,040	0,317	0,001	0,012	0,038	FALSE
-0,188	0,304	-0,008	0,012	0,284	FALSE
0,018	0,311	0,001	0,012	0,030	FALSE
0,177	0,304	0,004	0,006	0,277	FALSE
-0,110	0,303	-0,004	0,011	0,152	FALSE
-0,124	0,305	-0,005	0,011	0,177	FALSE
-0,102	0,313	-0,004	0,012	0,126	FALSE
-0,065	0,306	-0,001	0,007	0,073	FALSE
0,065	0,312	0,002	0,007	0,089	FALSE
0,089	0,319	0,003	0,013	0,096	FALSE
-0,055	0,315	-0,002	0,010	0,084	FALSE
-0,033	0,304	-0,001	0,006	0,039	FALSE
-0,113	0,306	-0,004	0,010	0,157	FALSE
-0,113	0,298	-0,002	0,006	0,147	FALSE
-0,070	0,304	-0,001	0,007	0,079	FALSE
-0,007	0,286	0,001	0,009	0,034	FALSE
0,034	0,304	0,002	0,010	0,080	FALSE
-0,073	0,308	-0,002	0,009	0,090	FALSE
0,014	0,306	0,000	0,007	0,013	FALSE
0,102	0,304	0,002	0,007	0,139	FALSE
-0,057	0,305	-0,002	0,008	0,090	FALSE
-0,019	0,295	0,000	0,012	0,001	FALSE
-0,029	0,307	-0,001	0,012	0,042	FALSE
-0,006	0,333	-0,001	0,014	0,024	FALSE
-0,013	0,313	-0,001	0,013	0,028	FALSE
0,007	0,307	-0,001	0,013	0,016	FALSE
-0,001	0,308	0,000	0,012	0,008	FALSE
0,003	0,304	0,001	0,012	0,032	FALSE
0,047	0,298	0,001	0,006	0,050	FALSE
-0,053	0,297	-0,002	0,007	0,085	FALSE
-0,019	0,308	-0,001	0,007	0,027	FALSE
-0,075	0,301	-0,002	0,008	0,107	FALSE
-0,040	0,296	-0,001	0,010	0,017	FALSE
-0,047	0,298	-0,001	0,007	0,030	FALSE
-0,107	0,306	-0,005	0,012	0,152	FALSE
0,051	0,309	0,002	0,010	0,087	FALSE
-0,059	0,313	-0,003	0,013	0,101	FALSE
-0,065	0,303	-0,003	0,012	0,102	FALSE
0,028	0,305	0,001	0,013	0,037	FALSE
0,012	0,303	0,001	0,013	0,020	FALSE
-0,115	0,280	-0,004	0,008	0,201	FALSE

0,099	0,308	0,003	0,008	0,164	FALSE
0,074	0,311	0,002	0,010	0,081	FALSE
-0,105	0,303	-0,002	0,007	0,113	FALSE
-0,031	0,318	-0,001	0,007	0,044	FALSE
-0,172	0,307	-0,006	0,011	0,211	FALSE
-0,163	0,293	-0,005	0,010	0,219	FALSE
0,145	0,303	0,004	0,007	0,219	FALSE
0,116	0,307	0,005	0,011	0,173	FALSE
-0,068	0,305	-0,003	0,010	0,112	FALSE
0,071	0,297	0,002	0,010	0,065	FALSE
-0,082	0,306	-0,003	0,010	0,130	FALSE
-0,086	0,302	-0,003	0,010	0,136	FALSE
-0,084	0,306	-0,003	0,010	0,116	FALSE
-0,012	0,305	0,000	0,010	0,005	FALSE
0,032	0,297	0,001	0,006	0,038	FALSE
0,076	0,306	0,004	0,012	0,113	FALSE
0,017	0,303	0,000	0,009	0,005	FALSE
0,113	0,299	0,005	0,011	0,186	FALSE
0,031	0,313	0,001	0,011	0,039	FALSE
-0,127	0,306	-0,005	0,013	0,167	FALSE
0,218	0,286	0,008	0,011	0,317	FALSE
-0,210	0,297	-0,009	0,012	0,355	FALSE
0,123	0,300	0,004	0,010	0,188	FALSE
0,075	0,302	0,002	0,008	0,100	FALSE
0,099	0,312	0,002	0,007	0,117	FALSE
0,153	0,302	0,005	0,008	0,237	FALSE
0,032	0,318	0,001	0,013	0,035	FALSE
0,094	0,299	0,002	0,006	0,155	FALSE
0,041	0,296	0,001	0,007	0,049	FALSE
0,155	0,299	0,005	0,008	0,231	FALSE
0,104	0,304	0,003	0,007	0,186	FALSE
0,025	0,305	0,001	0,012	0,024	FALSE
-0,088	0,295	-0,003	0,007	0,149	FALSE
-0,009	0,293	-0,001	0,009	0,059	FALSE
0,019	0,316	0,001	0,012	0,023	FALSE
-0,053	0,308	-0,002	0,011	0,067	FALSE
-0,078	0,296	-0,002	0,006	0,104	FALSE
0,078	0,293	0,001	0,007	0,051	FALSE
0,022	0,304	0,001	0,006	0,054	FALSE
-0,006	0,306	0,000	0,006	0,012	FALSE
-0,018	0,301	0,000	0,008	0,020	FALSE
0,060	0,310	0,003	0,011	0,108	FALSE
-0,075	0,312	-0,002	0,007	0,101	FALSE
0,120	0,304	0,004	0,010	0,166	FALSE
0,027	0,311	0,001	0,009	0,029	FALSE
-0,204	0,292	-0,008	0,011	0,350	FALSE
0,004	0,306	0,000	0,012	0,012	FALSE
0,084	0,304	0,004	0,012	0,136	FALSE
0,063	0,308	0,002	0,011	0,073	FALSE
-0,100	0,320	-0,003	0,010	0,111	FALSE
0,087	0,294	0,002	0,006	0,143	FALSE
-0,019	0,311	0,000	0,009	0,001	FALSE
0,100	0,290	0,004	0,012	0,126	FALSE

0,065	0,305	0,002	0,009	0,101	FALSE
0,083	0,314	0,003	0,012	0,088	FALSE
-0,059	0,313	-0,002	0,010	0,061	FALSE
-0,102	0,299	-0,003	0,009	0,145	FALSE
0,144	0,304	0,005	0,011	0,197	FALSE
-0,061	0,305	-0,002	0,009	0,080	FALSE
-0,090	0,303	-0,003	0,009	0,126	FALSE
0,094	0,295	0,003	0,012	0,093	FALSE
-0,053	0,298	-0,002	0,008	0,076	FALSE
-0,036	0,304	-0,001	0,007	0,049	FALSE
-0,112	0,303	-0,004	0,010	0,177	FALSE
-0,094	0,300	-0,004	0,010	0,148	FALSE
-0,039	0,306	-0,001	0,006	0,056	FALSE
0,114	0,299	0,002	0,006	0,135	FALSE
-0,029	0,317	-0,001	0,009	0,031	FALSE
0,030	0,303	0,001	0,007	0,047	FALSE
0,031	0,306	0,002	0,012	0,050	FALSE
-0,108	0,315	-0,004	0,010	0,136	FALSE
0,030	0,307	0,000	0,010	0,009	FALSE
0,017	0,311	0,000	0,012	0,006	FALSE
0,025	0,319	0,001	0,011	0,028	FALSE
0,021	0,303	0,001	0,009	0,060	FALSE
0,020	0,298	0,001	0,009	0,058	FALSE
0,007	0,311	0,001	0,009	0,041	FALSE
0,027	0,318	0,001	0,010	0,040	FALSE
-0,054	0,303	-0,002	0,010	0,062	FALSE
-0,080	0,288	-0,001	0,007	0,060	FALSE
-0,050	0,323	-0,001	0,008	0,044	FALSE
-0,053	0,304	-0,002	0,010	0,067	FALSE
-0,061	0,315	-0,002	0,010	0,086	FALSE
-0,067	0,314	-0,001	0,006	0,063	FALSE
0,106	0,312	0,003	0,007	0,179	FALSE
0,010	0,313	0,001	0,012	0,029	FALSE
0,035	0,317	0,001	0,013	0,024	FALSE
-0,045	0,303	-0,001	0,010	0,033	FALSE
-0,021	0,306	0,000	0,010	0,009	FALSE
-0,011	0,299	0,000	0,011	0,010	FALSE
0,023	0,320	0,000	0,007	0,023	FALSE
-0,070	0,320	-0,003	0,013	0,079	FALSE
0,048	0,305	0,001	0,008	0,049	FALSE
0,097	0,304	0,004	0,012	0,133	FALSE
0,115	0,308	0,005	0,012	0,152	FALSE
0,200	0,307	0,005	0,008	0,295	FALSE
0,071	0,305	0,002	0,011	0,072	FALSE
0,066	0,305	0,002	0,010	0,070	FALSE
-0,005	0,312	0,000	0,007	0,010	FALSE
0,204	0,294	0,007	0,009	0,316	FALSE
-0,043	0,299	-0,001	0,008	0,061	FALSE
-0,024	0,309	-0,001	0,009	0,043	FALSE
-0,059	0,304	-0,001	0,009	0,038	FALSE
-0,011	0,308	0,000	0,009	0,020	FALSE
0,054	0,318	0,002	0,010	0,064	FALSE
0,020	0,300	0,001	0,011	0,026	FALSE

0,001	0,288	0,000	0,012	0,012	FALSE
-0,066	0,326	-0,002	0,011	0,075	FALSE
0,007	0,307	0,000	0,012	0,005	FALSE
0,045	0,306	0,001	0,013	0,039	FALSE
0,061	0,301	0,003	0,012	0,090	FALSE
0,035	0,298	0,000	0,007	0,020	FALSE
-0,046	0,306	-0,002	0,012	0,072	FALSE
-0,069	0,307	-0,003	0,012	0,091	FALSE
-0,044	0,303	-0,002	0,012	0,079	FALSE
0,069	0,313	0,001	0,009	0,042	FALSE
0,077	0,308	0,002	0,010	0,057	FALSE
0,036	0,302	0,001	0,006	0,072	FALSE
0,005	0,314	0,001	0,006	0,032	FALSE
0,060	0,308	0,003	0,011	0,098	FALSE
0,009	0,309	0,000	0,012	0,013	FALSE
-0,097	0,314	-0,002	0,007	0,138	FALSE
0,020	0,300	0,000	0,010	0,013	FALSE
0,074	0,320	0,002	0,009	0,069	FALSE
0,040	0,306	0,001	0,008	0,041	FALSE
-0,083	0,304	-0,003	0,012	0,104	FALSE
0,032	0,322	0,001	0,008	0,029	FALSE
0,076	0,306	0,002	0,009	0,097	FALSE
0,090	0,307	0,003	0,010	0,118	FALSE
0,036	0,315	0,000	0,009	0,005	FALSE
0,009	0,300	0,000	0,007	0,020	FALSE
0,000	0,317	-0,001	0,009	0,020	FALSE
-0,008	0,311	-0,001	0,009	0,023	FALSE
-0,026	0,313	0,000	0,010	0,016	FALSE
0,047	0,310	0,002	0,012	0,046	FALSE
-0,010	0,313	-0,001	0,013	0,028	FALSE
-0,064	0,326	-0,002	0,011	0,078	FALSE
0,000	0,315	0,000	0,008	0,009	FALSE
0,108	0,304	0,005	0,012	0,167	FALSE
0,134	0,289	0,006	0,011	0,215	FALSE
-0,028	0,297	-0,002	0,012	0,067	FALSE
0,018	0,306	0,001	0,012	0,022	FALSE
0,078	0,302	0,004	0,012	0,132	FALSE
0,016	0,302	0,000	0,010	0,009	FALSE
-0,112	0,298	-0,005	0,012	0,162	FALSE
-0,028	0,311	-0,002	0,009	0,065	FALSE
-0,073	0,319	-0,002	0,007	0,098	FALSE
0,003	0,330	0,000	0,008	0,007	FALSE
-0,107	0,309	-0,003	0,008	0,131	FALSE
0,107	0,298	0,003	0,009	0,119	FALSE
0,017	0,302	0,001	0,012	0,031	FALSE
0,064	0,313	0,003	0,012	0,104	FALSE
0,068	0,307	0,001	0,007	0,072	FALSE
0,057	0,302	0,002	0,010	0,076	FALSE
-0,068	0,294	-0,002	0,010	0,067	FALSE
0,180	0,300	0,007	0,011	0,272	FALSE
0,152	0,314	0,005	0,009	0,230	FALSE
0,162	0,306	0,004	0,007	0,219	FALSE
0,072	0,316	0,002	0,007	0,091	FALSE

0,028	0,310	0,001	0,007	0,054	FALSE
0,043	0,311	0,001	0,007	0,077	FALSE
-0,132	0,319	-0,003	0,007	0,162	FALSE
0,078	0,311	0,003	0,013	0,097	FALSE
-0,021	0,303	-0,001	0,012	0,015	FALSE
-0,124	0,300	-0,003	0,008	0,174	FALSE
0,203	0,307	0,006	0,009	0,290	FALSE
-0,241	0,292	-0,008	0,010	0,348	TRUE
0,064	0,312	0,002	0,007	0,110	FALSE
-0,069	0,322	-0,002	0,009	0,090	FALSE
0,048	0,310	0,002	0,007	0,098	FALSE
0,037	0,305	0,001	0,007	0,062	FALSE
0,030	0,302	0,001	0,007	0,070	FALSE
-0,014	0,310	0,000	0,011	0,002	FALSE
-0,056	0,314	-0,001	0,008	0,063	FALSE
-0,051	0,306	-0,002	0,011	0,055	FALSE
-0,053	0,304	-0,002	0,008	0,080	FALSE
-0,052	0,309	-0,001	0,008	0,056	FALSE
0,071	0,309	0,002	0,009	0,098	FALSE
0,034	0,317	0,002	0,013	0,055	FALSE
0,026	0,299	0,001	0,010	0,028	FALSE
0,044	0,305	0,001	0,012	0,047	FALSE
-0,066	0,312	-0,003	0,010	0,111	FALSE
-0,029	0,293	-0,001	0,012	0,032	FALSE
0,059	0,314	0,001	0,007	0,082	FALSE
0,107	0,312	0,003	0,009	0,131	FALSE
0,047	0,311	0,001	0,008	0,048	FALSE
0,079	0,319	0,002	0,008	0,075	FALSE
0,141	0,288	0,004	0,008	0,226	FALSE
0,019	0,303	0,000	0,007	0,010	FALSE
0,177	0,288	0,004	0,007	0,235	FALSE
0,205	0,301	0,005	0,008	0,283	FALSE
0,184	0,297	0,004	0,008	0,237	FALSE
0,008	0,307	0,000	0,009	0,003	FALSE
-0,065	0,306	-0,002	0,006	0,117	FALSE
-0,020	0,312	0,000	0,007	0,019	FALSE
-0,042	0,297	-0,001	0,006	0,076	FALSE
0,229	0,307	0,009	0,013	0,316	FALSE
-0,037	0,314	-0,001	0,007	0,055	FALSE
-0,135	0,296	-0,006	0,012	0,230	FALSE
0,011	0,291	0,000	0,010	0,003	FALSE
0,005	0,322	0,000	0,011	0,007	FALSE
0,090	0,307	0,002	0,007	0,134	FALSE
-0,040	0,305	-0,001	0,006	0,070	FALSE
-0,062	0,301	-0,001	0,006	0,083	FALSE
-0,125	0,300	-0,004	0,011	0,173	FALSE
0,136	0,313	0,003	0,008	0,131	FALSE
0,004	0,310	0,001	0,009	0,028	FALSE
-0,019	0,316	0,000	0,009	0,001	FALSE
0,141	0,306	0,003	0,007	0,167	FALSE
-0,113	0,302	-0,002	0,006	0,101	FALSE
0,063	0,299	0,001	0,009	0,042	FALSE
0,052	0,298	0,002	0,009	0,090	FALSE

-0,005	0,305	0,000	0,011	0,010	FALSE
-0,003	0,303	0,000	0,012	0,000	FALSE
0,033	0,303	0,001	0,010	0,031	FALSE
-0,003	0,304	0,000	0,009	0,005	FALSE
-0,058	0,319	-0,003	0,011	0,090	FALSE
-0,081	0,303	-0,003	0,010	0,129	FALSE
-0,021	0,297	-0,001	0,012	0,035	FALSE
-0,077	0,300	-0,002	0,008	0,093	FALSE
-0,243	0,280	-0,008	0,009	0,423	FALSE
-0,254	0,283	-0,008	0,009	0,445	FALSE
-0,116	0,306	-0,003	0,006	0,168	FALSE
0,143	0,288	0,006	0,011	0,215	FALSE
-0,028	0,313	-0,001	0,012	0,018	FALSE
-0,022	0,296	-0,001	0,009	0,044	FALSE
0,019	0,313	0,001	0,011	0,018	FALSE
-0,023	0,301	-0,001	0,008	0,034	FALSE
0,026	0,300	0,002	0,012	0,059	FALSE
-0,049	0,306	-0,001	0,007	0,056	FALSE
0,004	0,307	0,001	0,010	0,022	FALSE
0,099	0,311	0,003	0,008	0,133	FALSE
-0,008	0,310	0,000	0,009	0,018	FALSE
-0,096	0,292	-0,004	0,009	0,179	FALSE
0,033	0,309	0,001	0,008	0,047	FALSE
-0,093	0,314	-0,002	0,007	0,133	FALSE
-0,067	0,319	-0,001	0,007	0,071	FALSE
0,054	0,303	0,001	0,008	0,038	FALSE
-0,059	0,308	-0,003	0,011	0,107	FALSE
-0,047	0,316	-0,001	0,010	0,032	FALSE
-0,040	0,316	-0,001	0,010	0,025	FALSE
0,009	0,323	0,001	0,010	0,021	FALSE
-0,055	0,322	-0,002	0,009	0,075	FALSE
0,111	0,309	0,003	0,006	0,158	FALSE
-0,008	0,311	-0,001	0,007	0,034	FALSE
-0,023	0,298	0,000	0,010	0,010	FALSE
-0,026	0,303	-0,001	0,007	0,042	FALSE
0,062	0,316	0,002	0,009	0,085	FALSE
-0,023	0,318	0,000	0,013	0,005	FALSE
0,085	0,318	0,004	0,013	0,118	FALSE
0,065	0,314	0,003	0,012	0,107	FALSE
0,036	0,308	0,001	0,012	0,042	FALSE
0,011	0,311	0,001	0,009	0,025	FALSE
0,041	0,311	0,001	0,008	0,065	FALSE
0,017	0,301	0,000	0,006	0,005	FALSE
-0,107	0,326	-0,002	0,007	0,138	FALSE
-0,118	0,321	-0,002	0,007	0,140	FALSE
-0,043	0,309	-0,001	0,009	0,028	FALSE
0,113	0,304	0,003	0,007	0,144	FALSE
-0,033	0,304	0,000	0,007	0,022	FALSE
-0,018	0,302	0,000	0,013	0,006	FALSE
-0,034	0,316	-0,001	0,007	0,045	FALSE
-0,025	0,299	-0,001	0,012	0,045	FALSE
-0,099	0,300	-0,002	0,006	0,150	FALSE
0,129	0,312	0,003	0,007	0,195	FALSE

-0,136	0,308	-0,003	0,008	0,185	FALSE
0,028	0,319	0,000	0,009	0,016	FALSE
-0,013	0,304	0,000	0,006	0,008	FALSE
-0,044	0,300	-0,002	0,010	0,069	FALSE
-0,061	0,311	-0,001	0,011	0,021	FALSE
0,028	0,308	0,000	0,008	0,004	FALSE
0,045	0,308	0,001	0,007	0,055	FALSE
-0,114	0,296	-0,003	0,007	0,151	FALSE
0,139	0,309	0,003	0,007	0,200	FALSE
0,136	0,310	0,003	0,007	0,182	FALSE
0,043	0,299	0,001	0,007	0,076	FALSE
0,061	0,297	0,002	0,008	0,089	FALSE
0,041	0,304	0,003	0,012	0,085	FALSE
0,002	0,317	0,000	0,008	0,011	FALSE
-0,203	0,284	-0,006	0,009	0,313	FALSE
0,180	0,304	0,007	0,012	0,275	FALSE
-0,086	0,308	-0,002	0,008	0,090	FALSE
0,031	0,324	0,001	0,007	0,040	FALSE
0,000	0,316	0,000	0,009	0,013	FALSE
-0,018	0,316	-0,001	0,010	0,020	FALSE
0,015	0,307	0,000	0,012	0,006	FALSE
-0,003	0,313	0,000	0,010	0,007	FALSE
0,156	0,300	0,004	0,008	0,240	FALSE
0,042	0,313	0,001	0,011	0,044	FALSE
-0,002	0,302	-0,001	0,012	0,017	FALSE
-0,115	0,306	-0,003	0,007	0,162	FALSE
0,043	0,312	0,002	0,009	0,068	FALSE
0,010	0,304	0,001	0,007	0,029	FALSE
-0,031	0,297	0,000	0,007	0,020	FALSE
-0,014	0,294	-0,001	0,008	0,045	FALSE
-0,052	0,305	-0,002	0,008	0,086	FALSE
-0,078	0,311	-0,003	0,011	0,095	FALSE
0,049	0,308	0,002	0,011	0,061	FALSE
0,003	0,298	0,001	0,012	0,015	FALSE
-0,026	0,288	-0,001	0,011	0,019	FALSE
-0,100	0,316	-0,004	0,009	0,161	FALSE
-0,034	0,305	-0,001	0,008	0,048	FALSE
-0,034	0,302	-0,003	0,012	0,082	FALSE
-0,001	0,315	0,000	0,007	0,009	FALSE
-0,099	0,299	-0,002	0,007	0,114	FALSE
0,048	0,299	0,001	0,006	0,059	FALSE
0,132	0,302	0,005	0,013	0,150	FALSE
0,044	0,301	0,001	0,009	0,058	FALSE
0,041	0,315	0,001	0,009	0,058	FALSE
0,015	0,307	0,001	0,009	0,026	FALSE
0,031	0,307	0,001	0,009	0,048	FALSE
0,036	0,310	0,001	0,009	0,054	FALSE
0,014	0,299	0,001	0,009	0,035	FALSE
-0,099	0,294	-0,004	0,012	0,146	FALSE
0,097	0,312	0,003	0,009	0,112	FALSE
-0,089	0,305	-0,002	0,011	0,085	FALSE
0,046	0,301	0,001	0,012	0,036	FALSE
0,015	0,304	0,000	0,012	0,008	FALSE

-0,042	0,313	-0,001	0,013	0,038	FALSE
0,044	0,300	0,000	0,013	0,006	FALSE
-0,066	0,305	-0,002	0,008	0,082	FALSE
0,073	0,312	0,003	0,011	0,082	FALSE
0,007	0,313	0,001	0,011	0,017	FALSE
-0,057	0,313	-0,002	0,011	0,070	FALSE
-0,015	0,304	0,000	0,009	0,011	FALSE
0,050	0,306	0,001	0,007	0,052	FALSE
0,012	0,313	0,001	0,011	0,020	FALSE
0,056	0,308	0,001	0,007	0,060	FALSE
0,166	0,297	0,005	0,007	0,291	FALSE
0,158	0,312	0,004	0,006	0,247	FALSE
0,100	0,306	0,004	0,009	0,173	FALSE
0,150	0,307	0,005	0,009	0,242	FALSE
-0,054	0,307	-0,001	0,009	0,046	FALSE
0,224	0,293	0,008	0,011	0,341	FALSE
-0,093	0,300	-0,003	0,008	0,130	FALSE
0,097	0,309	0,003	0,010	0,131	FALSE
-0,044	0,312	-0,002	0,010	0,071	FALSE
-0,029	0,316	-0,001	0,008	0,057	FALSE
0,032	0,309	0,000	0,013	0,011	FALSE
-0,057	0,306	-0,002	0,011	0,063	FALSE
-0,016	0,314	-0,001	0,010	0,018	FALSE
0,017	0,293	0,001	0,009	0,037	FALSE
-0,068	0,308	-0,002	0,009	0,091	FALSE
-0,064	0,309	-0,002	0,009	0,066	FALSE
0,062	0,300	0,004	0,012	0,119	FALSE
0,013	0,294	0,000	0,009	0,006	FALSE
-0,124	0,295	-0,002	0,008	0,101	FALSE
-0,022	0,293	-0,001	0,012	0,023	FALSE
-0,003	0,308	0,000	0,010	0,009	FALSE
-0,016	0,300	-0,001	0,008	0,025	FALSE
-0,024	0,314	-0,001	0,010	0,033	FALSE
-0,105	0,299	-0,003	0,007	0,159	FALSE
0,041	0,302	0,001	0,012	0,032	FALSE
-0,143	0,312	-0,004	0,011	0,150	FALSE
0,078	0,314	0,002	0,012	0,060	FALSE
-0,025	0,322	-0,001	0,007	0,024	FALSE
0,058	0,316	0,002	0,011	0,064	FALSE
0,063	0,318	0,002	0,009	0,095	FALSE
0,052	0,333	0,002	0,013	0,060	FALSE
-0,070	0,311	-0,003	0,009	0,119	FALSE
0,058	0,300	0,002	0,011	0,055	FALSE
0,018	0,300	0,000	0,009	0,001	FALSE
0,114	0,293	0,003	0,008	0,144	FALSE
-0,168	0,299	-0,006	0,011	0,234	FALSE
-0,120	0,301	-0,004	0,009	0,191	FALSE
0,118	0,289	0,003	0,007	0,140	FALSE
-0,066	0,302	-0,002	0,006	0,112	FALSE
-0,066	0,319	-0,002	0,009	0,090	FALSE
0,043	0,327	0,001	0,007	0,030	FALSE
0,062	0,330	0,002	0,013	0,047	FALSE
-0,083	0,321	-0,003	0,011	0,101	FALSE

-0,055	0,303	-0,002	0,007	0,117	FALSE
-0,037	0,304	-0,001	0,013	0,042	FALSE
0,108	0,313	0,004	0,011	0,155	FALSE
0,021	0,299	0,000	0,010	0,014	FALSE
0,008	0,296	-0,001	0,010	0,035	FALSE
-0,072	0,297	-0,001	0,007	0,075	FALSE
-0,109	0,331	-0,004	0,012	0,149	FALSE
-0,067	0,302	-0,001	0,009	0,047	FALSE
-0,052	0,302	-0,001	0,010	0,031	FALSE
0,031	0,300	0,001	0,008	0,037	FALSE
0,119	0,310	0,004	0,010	0,174	FALSE
0,105	0,300	0,003	0,007	0,147	FALSE
0,055	0,322	0,002	0,008	0,072	FALSE
0,015	0,305	0,001	0,012	0,028	FALSE
0,033	0,322	0,001	0,007	0,046	FALSE
0,057	0,302	0,002	0,011	0,061	FALSE
-0,080	0,304	-0,002	0,006	0,101	FALSE
0,021	0,303	0,001	0,008	0,052	FALSE
-0,001	0,307	0,001	0,010	0,020	FALSE
-0,103	0,311	-0,003	0,009	0,154	FALSE
0,148	0,294	0,003	0,006	0,240	FALSE
0,047	0,317	0,002	0,011	0,060	FALSE
0,010	0,318	0,000	0,007	0,005	FALSE
0,053	0,311	0,002	0,012	0,053	FALSE
-0,168	0,307	-0,007	0,012	0,246	FALSE
-0,162	0,310	-0,006	0,012	0,239	FALSE
-0,016	0,307	-0,001	0,011	0,035	FALSE
0,030	0,302	0,000	0,007	0,011	FALSE
-0,026	0,317	-0,001	0,011	0,031	FALSE
-0,052	0,304	-0,002	0,008	0,077	FALSE
-0,106	0,302	-0,003	0,009	0,139	FALSE
0,057	0,306	0,002	0,010	0,070	FALSE
0,088	0,296	0,002	0,006	0,112	FALSE
0,121	0,312	0,005	0,013	0,161	FALSE
-0,085	0,303	-0,002	0,008	0,096	FALSE
0,058	0,312	0,001	0,007	0,041	FALSE
-0,066	0,313	-0,002	0,008	0,071	FALSE
-0,070	0,305	-0,002	0,008	0,083	FALSE
0,064	0,309	0,003	0,012	0,105	FALSE
0,106	0,296	0,003	0,008	0,132	FALSE
0,054	0,309	0,003	0,012	0,088	FALSE
-0,090	0,300	-0,004	0,012	0,136	FALSE
0,097	0,292	0,003	0,012	0,099	FALSE
-0,030	0,298	0,000	0,009	0,015	FALSE
0,007	0,313	0,000	0,009	0,017	FALSE
-0,064	0,314	-0,001	0,007	0,058	FALSE
0,135	0,303	0,003	0,007	0,190	FALSE
0,091	0,304	0,002	0,006	0,100	FALSE
0,048	0,306	0,001	0,006	0,067	FALSE
0,061	0,309	0,002	0,010	0,065	FALSE
0,054	0,299	0,003	0,012	0,080	FALSE
-0,081	0,295	-0,004	0,012	0,121	FALSE
0,024	0,306	0,001	0,010	0,038	FALSE

0,006	0,323	0,001	0,010	0,021	FALSE
0,008	0,324	0,000	0,011	0,004	FALSE
-0,020	0,321	0,000	0,008	0,023	FALSE
-0,056	0,304	-0,002	0,009	0,063	FALSE
0,021	0,309	0,000	0,007	0,011	FALSE
-0,027	0,307	-0,001	0,007	0,045	FALSE
-0,030	0,299	-0,002	0,012	0,059	FALSE
0,080	0,314	0,002	0,007	0,083	FALSE
-0,068	0,303	-0,002	0,009	0,064	FALSE
0,062	0,317	0,003	0,013	0,075	FALSE
0,020	0,311	0,000	0,010	0,000	FALSE
-0,004	0,305	-0,001	0,012	0,022	FALSE
-0,037	0,310	-0,002	0,011	0,049	FALSE
0,175	0,312	0,005	0,009	0,243	FALSE
-0,070	0,308	-0,003	0,012	0,103	FALSE
-0,142	0,301	-0,006	0,012	0,204	FALSE
-0,151	0,310	-0,006	0,013	0,199	FALSE
0,035	0,303	0,001	0,008	0,059	FALSE
-0,003	0,297	-0,001	0,012	0,033	FALSE
-0,034	0,320	-0,001	0,011	0,036	FALSE
0,116	0,302	0,004	0,009	0,171	FALSE
-0,010	0,302	0,000	0,011	0,007	FALSE
-0,027	0,308	0,000	0,007	0,021	FALSE
0,098	0,285	0,003	0,012	0,095	FALSE
0,007	0,298	0,001	0,008	0,042	FALSE
0,044	0,304	0,002	0,012	0,051	FALSE
0,034	0,300	0,001	0,012	0,020	FALSE
0,054	0,316	0,002	0,010	0,073	FALSE
0,076	0,303	0,003	0,013	0,085	FALSE
-0,135	0,294	-0,005	0,012	0,181	FALSE
0,123	0,305	0,005	0,013	0,149	FALSE
-0,048	0,312	-0,002	0,008	0,070	FALSE
-0,052	0,292	-0,001	0,011	0,043	FALSE
-0,020	0,312	-0,001	0,008	0,026	FALSE
0,027	0,299	0,002	0,009	0,074	FALSE
0,012	0,326	0,000	0,007	0,004	FALSE
0,026	0,297	0,002	0,009	0,084	FALSE
0,001	0,326	0,000	0,008	0,008	FALSE
-0,079	0,298	-0,002	0,008	0,089	FALSE
-0,158	0,301	-0,004	0,009	0,219	FALSE
-0,017	0,302	-0,002	0,012	0,047	FALSE
0,040	0,298	0,001	0,006	0,085	FALSE
0,062	0,306	0,002	0,009	0,088	FALSE
0,048	0,308	0,002	0,011	0,077	FALSE
-0,045	0,301	-0,001	0,006	0,039	FALSE
0,022	0,304	0,000	0,006	0,015	FALSE
-0,093	0,307	-0,002	0,007	0,099	FALSE
0,022	0,306	0,001	0,007	0,065	FALSE
-0,118	0,303	-0,003	0,006	0,184	FALSE
-0,081	0,322	-0,003	0,009	0,122	FALSE
-0,050	0,310	-0,002	0,009	0,098	FALSE
0,084	0,297	0,003	0,011	0,116	FALSE
-0,066	0,301	-0,003	0,012	0,080	FALSE

-0,048	0,314	-0,002	0,012	0,061	FALSE
0,026	0,305	0,001	0,010	0,027	FALSE
-0,088	0,313	-0,003	0,012	0,108	FALSE
-0,151	0,292	-0,005	0,009	0,217	FALSE
-0,015	0,304	0,000	0,010	0,012	FALSE
0,013	0,296	0,001	0,012	0,016	FALSE
-0,063	0,308	-0,002	0,009	0,080	FALSE
0,017	0,311	0,000	0,011	0,007	FALSE
0,019	0,304	0,000	0,008	0,011	FALSE
-0,010	0,306	-0,001	0,011	0,030	FALSE
-0,012	0,289	-0,001	0,011	0,032	FALSE
0,091	0,314	0,002	0,007	0,086	FALSE
-0,063	0,307	-0,004	0,013	0,109	FALSE
0,036	0,302	0,000	0,006	0,016	FALSE
-0,136	0,319	-0,005	0,010	0,206	FALSE
-0,026	0,311	-0,001	0,012	0,041	FALSE
-0,062	0,314	-0,002	0,007	0,096	FALSE
-0,117	0,311	-0,006	0,013	0,187	FALSE
-0,104	0,295	-0,003	0,006	0,159	FALSE
-0,007	0,308	0,000	0,012	0,011	FALSE
0,071	0,301	0,001	0,009	0,059	FALSE
0,072	0,315	0,001	0,007	0,078	FALSE
0,064	0,314	0,001	0,007	0,068	FALSE
0,070	0,303	0,003	0,012	0,117	FALSE
0,044	0,304	0,002	0,010	0,072	FALSE
-0,030	0,299	-0,001	0,009	0,043	FALSE
0,020	0,288	0,001	0,011	0,037	FALSE
0,010	0,278	0,000	0,009	0,000	FALSE
0,141	0,296	0,003	0,006	0,184	FALSE
-0,059	0,315	-0,001	0,006	0,052	FALSE
-0,089	0,320	-0,003	0,011	0,105	FALSE
-0,116	0,296	-0,003	0,008	0,156	FALSE
0,022	0,304	0,000	0,008	0,006	FALSE
0,089	0,304	0,003	0,008	0,146	FALSE
0,042	0,303	0,002	0,012	0,061	FALSE
-0,040	0,297	-0,002	0,009	0,080	FALSE
-0,031	0,310	-0,001	0,009	0,055	FALSE
0,060	0,302	0,001	0,006	0,071	FALSE
-0,087	0,305	-0,002	0,006	0,097	FALSE
0,039	0,297	0,002	0,009	0,083	FALSE
0,041	0,291	0,002	0,009	0,091	FALSE
-0,035	0,310	-0,001	0,007	0,043	FALSE
0,025	0,300	0,001	0,008	0,051	FALSE
0,026	0,304	0,001	0,007	0,053	FALSE
0,040	0,304	0,001	0,008	0,061	FALSE
0,032	0,307	0,001	0,008	0,048	FALSE
0,094	0,309	0,003	0,009	0,147	FALSE
0,055	0,306	0,002	0,008	0,096	FALSE
0,101	0,305	0,003	0,008	0,156	FALSE
0,047	0,299	0,002	0,008	0,074	FALSE
0,049	0,312	0,002	0,008	0,076	FALSE
-0,149	0,298	-0,005	0,009	0,206	FALSE
-0,157	0,307	-0,007	0,012	0,267	FALSE

0,078	0,306	0,001	0,012	0,045	FALSE
-0,172	0,303	-0,006	0,011	0,229	FALSE
-0,001	0,293	0,002	0,010	0,071	FALSE
-0,103	0,322	-0,003	0,009	0,129	FALSE
0,066	0,301	0,001	0,006	0,090	FALSE
-0,039	0,306	-0,001	0,006	0,067	FALSE
0,067	0,314	0,002	0,012	0,050	FALSE
0,083	0,300	0,002	0,011	0,054	FALSE
0,028	0,316	0,000	0,008	0,019	FALSE
0,129	0,300	0,004	0,008	0,200	FALSE
0,109	0,297	0,002	0,006	0,161	FALSE
-0,044	0,311	-0,001	0,012	0,043	FALSE
-0,145	0,317	-0,005	0,011	0,179	FALSE
-0,071	0,298	-0,003	0,011	0,100	FALSE
0,084	0,306	0,004	0,012	0,141	FALSE
-0,094	0,303	-0,003	0,007	0,150	FALSE
-0,081	0,313	-0,002	0,007	0,091	FALSE
-0,155	0,322	-0,006	0,012	0,209	FALSE
0,049	0,313	0,001	0,011	0,049	FALSE
0,066	0,313	0,003	0,010	0,110	FALSE
-0,177	0,311	-0,007	0,012	0,260	FALSE
-0,147	0,309	-0,006	0,011	0,246	FALSE
-0,100	0,307	-0,003	0,008	0,135	FALSE
-0,031	0,305	0,000	0,008	0,019	FALSE
-0,105	0,308	-0,002	0,008	0,114	FALSE
-0,083	0,313	-0,002	0,007	0,103	FALSE
-0,067	0,314	-0,003	0,011	0,103	FALSE
0,099	0,306	0,002	0,006	0,142	FALSE
0,071	0,295	0,001	0,006	0,088	FALSE
0,113	0,290	0,003	0,008	0,176	FALSE
-0,040	0,314	-0,003	0,012	0,084	FALSE
0,009	0,309	0,000	0,012	0,014	FALSE
-0,063	0,314	-0,002	0,011	0,075	FALSE
-0,073	0,309	-0,003	0,012	0,110	FALSE
0,034	0,301	0,001	0,009	0,055	FALSE
0,025	0,291	0,001	0,009	0,041	FALSE
-0,052	0,309	-0,001	0,012	0,034	FALSE
-0,063	0,298	-0,002	0,012	0,056	FALSE
-0,042	0,313	-0,001	0,013	0,019	FALSE
0,073	0,307	0,002	0,007	0,095	FALSE
-0,054	0,289	-0,002	0,009	0,080	FALSE
-0,005	0,310	-0,001	0,008	0,029	FALSE
-0,020	0,299	-0,001	0,008	0,041	FALSE
0,029	0,316	0,000	0,008	0,018	FALSE
0,019	0,293	0,001	0,013	0,025	FALSE
-0,100	0,299	-0,003	0,008	0,137	FALSE
-0,052	0,321	-0,001	0,007	0,082	FALSE
-0,052	0,316	-0,001	0,007	0,074	FALSE
0,164	0,306	0,003	0,007	0,166	FALSE
0,047	0,294	0,001	0,011	0,021	FALSE
-0,007	0,306	0,000	0,008	0,020	FALSE
0,083	0,305	0,002	0,011	0,074	FALSE
0,020	0,307	0,000	0,007	0,013	FALSE

0,024	0,307	0,000	0,007	0,008	FALSE
0,078	0,297	0,001	0,007	0,080	FALSE
0,115	0,306	0,002	0,007	0,135	FALSE
-0,039	0,316	-0,001	0,010	0,026	FALSE
-0,047	0,308	-0,002	0,011	0,069	FALSE
0,190	0,292	0,007	0,010	0,322	FALSE
0,174	0,289	0,007	0,011	0,265	FALSE
0,248	0,292	0,011	0,013	0,401	FALSE
0,263	0,285	0,011	0,012	0,451	FALSE
0,064	0,302	0,002	0,007	0,088	FALSE
-0,061	0,329	-0,002	0,011	0,072	FALSE
-0,156	0,306	-0,003	0,007	0,211	FALSE
-0,040	0,314	-0,001	0,009	0,053	FALSE
-0,045	0,299	-0,001	0,008	0,036	FALSE
0,031	0,304	0,000	0,012	0,003	FALSE
-0,050	0,311	-0,003	0,010	0,096	FALSE
0,010	0,295	0,001	0,011	0,018	FALSE
-0,012	0,316	0,000	0,011	0,004	FALSE
0,021	0,312	0,000	0,010	0,015	FALSE
-0,097	0,303	-0,004	0,012	0,126	FALSE
-0,014	0,313	0,000	0,011	0,010	FALSE
0,058	0,310	0,001	0,008	0,054	FALSE
-0,044	0,315	-0,001	0,012	0,040	FALSE
-0,048	0,304	-0,003	0,012	0,085	FALSE
0,005	0,326	0,000	0,012	0,007	FALSE
0,034	0,303	0,000	0,009	0,000	FALSE
-0,042	0,307	-0,001	0,008	0,044	FALSE
0,039	0,305	0,000	0,009	0,004	FALSE
0,007	0,316	0,001	0,012	0,019	FALSE
0,000	0,310	0,000	0,012	0,009	FALSE
0,069	0,307	0,003	0,011	0,088	FALSE
0,149	0,300	0,003	0,006	0,219	FALSE
0,122	0,310	0,005	0,012	0,181	FALSE
0,030	0,305	0,001	0,011	0,045	FALSE
-0,202	0,288	-0,007	0,011	0,279	FALSE
0,101	0,319	0,004	0,013	0,122	FALSE
-0,041	0,313	-0,002	0,011	0,056	FALSE
-0,023	0,301	0,000	0,008	0,006	FALSE
0,121	0,304	0,004	0,011	0,168	FALSE
0,039	0,299	0,002	0,008	0,067	FALSE
-0,087	0,313	-0,003	0,009	0,120	FALSE
-0,056	0,318	-0,001	0,007	0,080	FALSE
0,089	0,311	0,002	0,006	0,103	FALSE
0,041	0,302	0,000	0,007	0,023	FALSE
-0,093	0,305	-0,002	0,008	0,114	FALSE
0,044	0,306	0,002	0,012	0,061	FALSE
-0,002	0,320	0,000	0,009	0,005	FALSE
-0,025	0,304	-0,001	0,009	0,045	FALSE
-0,005	0,319	0,000	0,009	0,003	FALSE
-0,005	0,303	0,000	0,008	0,002	FALSE
-0,063	0,305	-0,003	0,012	0,085	FALSE
0,062	0,313	0,001	0,008	0,067	FALSE
-0,101	0,299	-0,002	0,006	0,142	FALSE

0,005	0,300	0,000	0,008	0,020	FALSE
0,018	0,298	0,000	0,007	0,018	FALSE
0,099	0,288	0,002	0,008	0,123	FALSE
-0,026	0,310	-0,001	0,012	0,039	FALSE
-0,089	0,297	-0,004	0,010	0,134	FALSE
-0,084	0,299	-0,003	0,011	0,108	FALSE
-0,031	0,300	-0,002	0,011	0,054	FALSE
-0,064	0,308	-0,003	0,012	0,083	FALSE
0,126	0,294	0,003	0,007	0,162	FALSE
-0,059	0,305	-0,002	0,008	0,069	FALSE
0,024	0,312	0,001	0,011	0,022	FALSE
0,121	0,304	0,005	0,012	0,156	FALSE
0,012	0,305	0,001	0,010	0,030	FALSE
0,058	0,306	0,002	0,011	0,059	FALSE
0,093	0,304	0,002	0,007	0,095	FALSE
-0,056	0,308	-0,002	0,013	0,074	FALSE
0,071	0,308	0,001	0,011	0,045	FALSE
0,062	0,328	0,001	0,007	0,045	FALSE
-0,019	0,306	0,000	0,010	0,016	FALSE
0,067	0,286	0,001	0,006	0,092	FALSE
-0,121	0,295	-0,004	0,010	0,186	FALSE
-0,078	0,307	-0,002	0,007	0,099	FALSE
0,085	0,298	0,004	0,012	0,147	FALSE
-0,100	0,315	-0,002	0,008	0,121	FALSE
-0,038	0,312	0,000	0,010	0,017	FALSE
-0,093	0,304	-0,003	0,012	0,087	FALSE
0,018	0,301	0,001	0,010	0,020	FALSE
-0,055	0,300	-0,001	0,009	0,055	FALSE
0,031	0,294	0,001	0,011	0,035	FALSE
-0,115	0,306	-0,004	0,013	0,120	FALSE
-0,101	0,302	-0,003	0,012	0,090	FALSE
-0,172	0,304	-0,006	0,011	0,214	FALSE
-0,142	0,280	-0,002	0,006	0,148	FALSE
-0,151	0,289	-0,005	0,012	0,161	FALSE
-0,104	0,307	-0,003	0,013	0,087	FALSE
-0,013	0,315	0,000	0,007	0,006	FALSE
-0,107	0,298	-0,003	0,011	0,113	FALSE
-0,149	0,303	-0,005	0,011	0,171	FALSE
-0,050	0,306	-0,001	0,007	0,058	FALSE
-0,005	0,311	0,000	0,009	0,018	FALSE
-0,133	0,295	-0,004	0,008	0,179	FALSE
-0,105	0,309	-0,003	0,008	0,131	FALSE
-0,018	0,297	0,000	0,010	0,002	FALSE
0,005	0,300	0,000	0,008	0,010	FALSE
-0,015	0,309	-0,001	0,007	0,048	FALSE
-0,018	0,327	-0,001	0,009	0,047	FALSE
0,093	0,298	0,005	0,013	0,144	FALSE
0,095	0,287	0,005	0,012	0,166	FALSE
0,096	0,287	0,004	0,012	0,142	FALSE
0,052	0,298	0,003	0,012	0,094	FALSE
-0,021	0,313	-0,001	0,013	0,017	FALSE
0,002	0,302	0,001	0,012	0,025	FALSE
0,059	0,312	0,001	0,007	0,053	FALSE

0,113	0,313	0,003	0,012	0,107	FALSE
-0,069	0,315	-0,001	0,008	0,066	FALSE
-0,036	0,301	-0,003	0,012	0,085	FALSE
-0,114	0,309	-0,003	0,011	0,117	FALSE
-0,071	0,314	-0,002	0,008	0,078	FALSE
-0,135	0,304	-0,005	0,012	0,153	FALSE
0,019	0,313	0,001	0,007	0,043	FALSE
0,008	0,306	0,000	0,008	0,016	FALSE
0,029	0,300	0,001	0,013	0,031	FALSE
0,097	0,308	0,003	0,009	0,122	FALSE
0,104	0,307	0,003	0,009	0,118	FALSE
0,040	0,300	0,001	0,007	0,042	FALSE
0,125	0,297	0,005	0,012	0,170	FALSE
0,058	0,302	0,002	0,011	0,068	FALSE
-0,044	0,302	-0,001	0,011	0,036	FALSE
0,024	0,313	0,000	0,010	0,011	FALSE
-0,039	0,305	-0,001	0,012	0,036	FALSE
0,007	0,305	0,000	0,006	0,008	FALSE
-0,078	0,303	-0,003	0,012	0,099	FALSE
-0,101	0,303	-0,004	0,012	0,122	FALSE
0,051	0,291	0,002	0,011	0,080	FALSE
-0,066	0,302	-0,003	0,012	0,103	FALSE
-0,100	0,303	-0,003	0,009	0,137	FALSE
0,112	0,308	0,005	0,012	0,153	FALSE
0,082	0,311	0,004	0,012	0,136	FALSE
0,010	0,315	0,000	0,009	0,013	FALSE
0,052	0,325	0,002	0,013	0,070	FALSE
-0,099	0,303	-0,004	0,012	0,141	FALSE
-0,018	0,306	0,000	0,008	0,019	FALSE
0,073	0,305	0,002	0,007	0,090	FALSE
0,139	0,292	0,006	0,012	0,236	FALSE
-0,042	0,319	-0,001	0,007	0,041	FALSE
0,037	0,298	0,002	0,009	0,066	FALSE
0,070	0,297	0,003	0,009	0,136	FALSE
0,038	0,303	0,001	0,007	0,051	FALSE
0,129	0,301	0,003	0,006	0,171	FALSE
0,117	0,302	0,004	0,010	0,157	FALSE
-0,102	0,292	-0,003	0,008	0,147	FALSE
-0,120	0,306	-0,003	0,008	0,159	FALSE
-0,131	0,300	-0,004	0,008	0,198	FALSE
-0,142	0,297	-0,004	0,008	0,205	FALSE
0,126	0,301	0,006	0,012	0,187	FALSE
-0,021	0,292	-0,002	0,009	0,068	FALSE
-0,028	0,294	-0,002	0,011	0,084	FALSE
-0,023	0,324	-0,001	0,007	0,040	FALSE
-0,114	0,303	-0,004	0,008	0,193	FALSE
-0,098	0,304	-0,003	0,008	0,162	FALSE
-0,075	0,308	-0,001	0,006	0,074	FALSE
0,142	0,299	0,004	0,009	0,212	FALSE
0,115	0,287	0,004	0,009	0,193	FALSE
0,093	0,298	0,003	0,012	0,099	FALSE
-0,071	0,303	-0,002	0,008	0,126	FALSE
-0,160	0,291	-0,005	0,010	0,214	FALSE

-0,003	0,295	-0,001	0,010	0,031	FALSE
-0,014	0,303	-0,001	0,007	0,039	FALSE
0,049	0,296	0,001	0,007	0,067	FALSE
-0,062	0,299	-0,002	0,012	0,060	FALSE
0,117	0,305	0,004	0,009	0,162	FALSE
-0,028	0,312	-0,001	0,008	0,029	FALSE
-0,095	0,316	-0,003	0,009	0,134	FALSE
-0,096	0,314	-0,004	0,010	0,146	FALSE
-0,095	0,307	-0,003	0,009	0,139	FALSE
-0,077	0,307	-0,003	0,009	0,114	FALSE
-0,094	0,312	-0,003	0,009	0,129	FALSE
-0,068	0,299	-0,002	0,006	0,102	FALSE
0,027	0,290	0,001	0,011	0,025	FALSE
0,043	0,314	0,001	0,012	0,043	FALSE
0,088	0,299	0,003	0,011	0,106	FALSE
-0,004	0,304	0,000	0,008	0,010	FALSE
-0,092	0,283	-0,003	0,008	0,135	FALSE
-0,036	0,303	-0,001	0,009	0,061	FALSE
-0,042	0,309	-0,002	0,012	0,064	FALSE
0,013	0,309	0,001	0,010	0,025	FALSE
0,052	0,319	0,003	0,013	0,084	FALSE
0,069	0,303	0,003	0,012	0,106	FALSE
-0,031	0,314	-0,001	0,012	0,035	FALSE
0,013	0,313	0,000	0,006	0,018	FALSE
-0,048	0,310	-0,001	0,008	0,041	FALSE
-0,094	0,307	-0,004	0,012	0,129	FALSE
0,058	0,290	0,002	0,008	0,082	FALSE
0,022	0,294	-0,001	0,013	0,015	FALSE
0,042	0,310	0,001	0,009	0,045	FALSE
-0,029	0,304	0,000	0,011	0,007	FALSE
-0,006	0,309	0,000	0,007	0,001	FALSE
-0,092	0,292	-0,003	0,010	0,119	FALSE
-0,148	0,300	-0,005	0,009	0,235	FALSE
0,116	0,306	0,003	0,007	0,171	FALSE
-0,012	0,309	0,000	0,009	0,012	FALSE
-0,039	0,297	-0,001	0,010	0,050	FALSE
-0,041	0,300	-0,002	0,012	0,057	FALSE
0,036	0,282	0,002	0,010	0,058	FALSE
-0,023	0,302	-0,001	0,012	0,021	FALSE
-0,099	0,313	-0,004	0,010	0,151	FALSE
-0,091	0,320	-0,004	0,011	0,130	FALSE
-0,110	0,297	-0,005	0,012	0,164	FALSE
-0,125	0,305	-0,006	0,012	0,188	FALSE
0,090	0,332	0,004	0,012	0,124	FALSE
0,117	0,305	0,005	0,012	0,164	FALSE
0,147	0,310	0,006	0,012	0,205	FALSE
0,189	0,303	0,007	0,012	0,263	FALSE
-0,103	0,315	-0,004	0,012	0,112	FALSE
-0,075	0,305	-0,002	0,012	0,070	FALSE
-0,086	0,312	-0,003	0,012	0,094	FALSE
-0,076	0,315	-0,004	0,012	0,114	FALSE
0,009	0,309	0,001	0,007	0,041	FALSE
0,078	0,315	0,002	0,006	0,110	FALSE

0,015	0,300	0,000	0,009	0,007	FALSE
0,057	0,297	0,002	0,010	0,097	FALSE
0,085	0,307	0,002	0,007	0,121	FALSE
-0,120	0,307	-0,004	0,011	0,167	FALSE
-0,125	0,287	-0,004	0,010	0,165	FALSE
0,100	0,313	0,004	0,013	0,131	FALSE
-0,053	0,308	-0,003	0,011	0,103	FALSE
-0,130	0,288	-0,002	0,007	0,145	FALSE
0,106	0,296	0,004	0,010	0,143	FALSE
0,014	0,310	0,001	0,009	0,037	FALSE
-0,105	0,317	-0,003	0,009	0,158	FALSE
-0,036	0,308	-0,001	0,012	0,039	FALSE
-0,008	0,317	0,000	0,012	0,003	FALSE
0,092	0,306	0,004	0,013	0,134	FALSE
0,004	0,317	0,000	0,011	0,003	FALSE
-0,052	0,303	-0,002	0,009	0,106	FALSE
0,079	0,312	0,002	0,009	0,100	FALSE
-0,112	0,308	-0,002	0,007	0,135	FALSE
0,064	0,301	0,002	0,009	0,073	FALSE
0,055	0,293	0,001	0,009	0,052	FALSE
-0,047	0,310	-0,002	0,011	0,060	FALSE
0,097	0,322	0,005	0,012	0,158	FALSE
0,115	0,309	0,005	0,012	0,186	FALSE
-0,084	0,306	-0,002	0,007	0,107	FALSE
-0,022	0,322	0,000	0,008	0,007	FALSE
-0,032	0,299	-0,001	0,012	0,034	FALSE
-0,152	0,299	-0,005	0,010	0,215	FALSE
-0,069	0,296	-0,002	0,012	0,067	FALSE
-0,012	0,321	-0,001	0,010	0,024	FALSE
-0,083	0,314	-0,004	0,012	0,127	FALSE
-0,079	0,309	-0,002	0,007	0,090	FALSE
-0,011	0,306	-0,001	0,011	0,029	FALSE
-0,023	0,306	0,000	0,006	0,014	FALSE
-0,131	0,310	-0,006	0,012	0,199	FALSE
-0,044	0,310	-0,001	0,008	0,068	FALSE
-0,072	0,300	-0,003	0,012	0,115	FALSE
-0,078	0,321	-0,003	0,010	0,110	FALSE
-0,050	0,319	-0,001	0,010	0,056	FALSE
-0,059	0,286	-0,002	0,009	0,064	FALSE
-0,030	0,300	-0,001	0,010	0,043	FALSE
-0,046	0,290	-0,002	0,009	0,061	FALSE
-0,034	0,290	-0,001	0,010	0,041	FALSE
-0,056	0,282	-0,002	0,009	0,077	FALSE
-0,054	0,298	-0,001	0,010	0,043	FALSE
-0,001	0,304	0,000	0,007	0,003	FALSE
-0,043	0,285	-0,002	0,011	0,053	FALSE
-0,004	0,292	0,000	0,010	0,017	FALSE
0,045	0,310	0,001	0,006	0,061	FALSE
0,060	0,306	0,001	0,008	0,062	FALSE
0,076	0,309	0,003	0,012	0,081	FALSE
-0,122	0,313	-0,005	0,012	0,172	FALSE
-0,030	0,306	-0,001	0,007	0,068	FALSE
0,094	0,299	0,003	0,011	0,092	FALSE

0,026	0,325	0,001	0,010	0,030	FALSE
0,043	0,310	0,002	0,009	0,063	FALSE
-0,034	0,298	0,000	0,007	0,022	FALSE
0,086	0,308	0,002	0,008	0,128	FALSE
0,000	0,289	0,000	0,011	0,007	FALSE
0,058	0,299	0,002	0,009	0,073	FALSE
0,099	0,310	0,004	0,011	0,130	FALSE
-0,104	0,299	-0,003	0,007	0,152	FALSE
0,039	0,301	0,001	0,011	0,048	FALSE
-0,074	0,304	-0,002	0,011	0,071	FALSE
-0,124	0,306	-0,003	0,008	0,175	FALSE
-0,018	0,311	-0,001	0,012	0,024	FALSE
-0,057	0,304	-0,001	0,007	0,072	FALSE
0,042	0,307	0,001	0,010	0,041	FALSE
0,030	0,318	0,001	0,009	0,045	FALSE
-0,112	0,293	-0,003	0,010	0,135	FALSE
-0,062	0,298	-0,001	0,006	0,075	FALSE
-0,074	0,311	-0,002	0,009	0,074	FALSE
0,164	0,301	0,006	0,012	0,227	FALSE
0,002	0,302	0,000	0,012	0,005	FALSE
0,190	0,300	0,006	0,010	0,237	FALSE
0,100	0,290	0,005	0,010	0,193	FALSE
-0,039	0,301	-0,002	0,010	0,064	FALSE
0,044	0,296	0,002	0,011	0,082	FALSE
0,067	0,285	0,003	0,010	0,144	FALSE
0,042	0,314	0,002	0,012	0,057	FALSE
-0,114	0,308	-0,002	0,007	0,146	FALSE
-0,054	0,303	-0,001	0,007	0,063	FALSE
-0,034	0,311	-0,002	0,012	0,046	FALSE
-0,088	0,303	-0,003	0,009	0,148	FALSE
-0,038	0,299	-0,002	0,012	0,055	FALSE
-0,080	0,303	-0,002	0,009	0,083	FALSE
0,040	0,309	0,002	0,008	0,079	FALSE
0,057	0,305	0,001	0,006	0,084	FALSE
-0,068	0,302	-0,002	0,011	0,082	FALSE
0,099	0,302	0,004	0,011	0,160	FALSE
0,100	0,307	0,005	0,012	0,153	FALSE
0,030	0,302	0,001	0,007	0,025	FALSE
-0,015	0,306	-0,001	0,010	0,030	FALSE
0,055	0,304	0,001	0,009	0,027	FALSE
-0,040	0,304	-0,001	0,011	0,044	FALSE
-0,069	0,321	-0,002	0,009	0,100	FALSE
-0,046	0,304	-0,002	0,008	0,109	FALSE
0,067	0,310	0,002	0,010	0,080	FALSE
-0,077	0,298	-0,002	0,007	0,114	FALSE
0,025	0,318	0,001	0,011	0,043	FALSE
-0,050	0,325	-0,002	0,013	0,054	FALSE
-0,056	0,300	-0,002	0,011	0,055	FALSE
-0,002	0,305	-0,001	0,012	0,022	FALSE
0,111	0,304	0,003	0,009	0,116	FALSE
-0,085	0,303	-0,003	0,011	0,091	FALSE
0,024	0,301	0,001	0,006	0,047	FALSE
-0,055	0,299	-0,002	0,012	0,053	FALSE

-0,028	0,305	-0,001	0,012	0,023	FALSE
-0,054	0,306	-0,001	0,012	0,020	FALSE
-0,167	0,301	-0,005	0,009	0,236	FALSE
-0,046	0,313	-0,002	0,013	0,059	TRUE
-0,054	0,306	-0,003	0,013	0,073	FALSE
0,118	0,310	0,004	0,011	0,142	FALSE
0,080	0,296	0,002	0,007	0,103	FALSE
0,030	0,298	0,000	0,007	0,026	FALSE
-0,007	0,288	0,000	0,009	0,003	FALSE
-0,064	0,303	-0,002	0,009	0,085	FALSE
0,078	0,305	0,004	0,012	0,115	FALSE
-0,052	0,308	-0,001	0,012	0,046	FALSE
-0,049	0,297	-0,001	0,011	0,044	FALSE
-0,049	0,321	-0,001	0,008	0,049	FALSE
-0,180	0,302	-0,005	0,008	0,243	FALSE
0,041	0,310	0,001	0,009	0,056	FALSE
-0,004	0,310	0,000	0,011	0,012	FALSE
-0,046	0,323	-0,002	0,009	0,076	FALSE
0,056	0,300	0,002	0,009	0,081	FALSE
0,054	0,306	0,001	0,007	0,079	FALSE
0,081	0,301	0,002	0,006	0,119	FALSE
0,058	0,302	0,001	0,006	0,083	FALSE
0,064	0,306	0,002	0,008	0,076	FALSE
-0,141	0,285	-0,003	0,006	0,188	FALSE
0,079	0,311	0,002	0,007	0,113	FALSE
0,164	0,298	0,006	0,010	0,237	FALSE
-0,164	0,303	-0,004	0,007	0,240	FALSE
0,017	0,308	0,001	0,012	0,023	FALSE
-0,222	0,307	-0,005	0,007	0,331	FALSE
0,062	0,308	0,002	0,010	0,061	FALSE
0,052	0,313	0,002	0,010	0,057	FALSE
0,058	0,313	0,002	0,010	0,056	FALSE
0,073	0,306	0,002	0,010	0,079	FALSE
0,058	0,310	0,002	0,010	0,069	FALSE
0,064	0,303	0,002	0,010	0,059	FALSE
-0,062	0,304	-0,003	0,012	0,081	FALSE
-0,021	0,296	0,000	0,009	0,003	FALSE
-0,092	0,314	-0,002	0,007	0,140	FALSE
-0,130	0,299	-0,003	0,006	0,194	FALSE
-0,074	0,302	-0,002	0,008	0,103	FALSE
0,116	0,303	0,003	0,010	0,138	FALSE
-0,010	0,318	-0,001	0,013	0,036	FALSE
-0,056	0,311	-0,001	0,006	0,065	FALSE
-0,037	0,322	-0,001	0,011	0,040	FALSE
0,092	0,301	0,002	0,007	0,111	FALSE
-0,157	0,293	-0,004	0,007	0,206	FALSE
0,041	0,314	0,001	0,013	0,037	FALSE
-0,027	0,301	-0,001	0,010	0,019	FALSE
0,123	0,300	0,002	0,006	0,144	FALSE
0,016	0,297	0,000	0,011	0,003	FALSE
0,073	0,302	0,001	0,008	0,070	FALSE
-0,005	0,308	-0,001	0,011	0,039	FALSE
0,028	0,302	0,001	0,012	0,016	FALSE

0,027	0,310	0,000	0,012	0,014	FALSE
0,063	0,311	0,002	0,012	0,051	FALSE
-0,039	0,311	-0,002	0,011	0,061	FALSE
0,007	0,311	0,000	0,008	0,019	FALSE
-0,187	0,283	-0,008	0,011	0,319	FALSE
-0,174	0,288	-0,008	0,013	0,303	FALSE
0,125	0,293	0,005	0,012	0,182	FALSE
-0,162	0,280	-0,007	0,012	0,271	FALSE
0,085	0,294	0,002	0,006	0,133	FALSE
-0,014	0,320	0,000	0,008	0,016	FALSE
-0,001	0,335	0,000	0,013	0,006	FALSE
0,141	0,305	0,005	0,013	0,161	FALSE
-0,117	0,297	-0,004	0,009	0,157	FALSE
-0,068	0,311	-0,002	0,010	0,083	FALSE
0,013	0,300	0,001	0,009	0,056	FALSE
-0,094	0,299	-0,004	0,010	0,156	FALSE
0,015	0,315	0,001	0,009	0,039	FALSE
0,043	0,323	0,001	0,007	0,046	FALSE
0,123	0,308	0,003	0,007	0,170	FALSE
0,071	0,306	0,002	0,010	0,094	FALSE
0,029	0,319	0,001	0,008	0,059	FALSE
-0,064	0,312	-0,002	0,010	0,063	FALSE
-0,061	0,302	-0,002	0,010	0,072	FALSE
0,106	0,295	0,003	0,007	0,159	FALSE
-0,007	0,318	0,000	0,012	0,013	FALSE
-0,052	0,316	-0,001	0,009	0,057	FALSE
0,016	0,298	0,001	0,011	0,024	FALSE
0,143	0,303	0,003	0,007	0,209	FALSE
-0,042	0,312	-0,001	0,010	0,051	FALSE
0,190	0,294	0,004	0,006	0,293	FALSE
-0,013	0,305	0,000	0,009	0,004	FALSE
-0,091	0,302	-0,003	0,009	0,138	FALSE
0,091	0,303	0,003	0,011	0,109	FALSE
-0,012	0,305	0,000	0,011	0,014	FALSE
-0,032	0,292	-0,001	0,006	0,059	FALSE
0,022	0,307	0,001	0,008	0,032	FALSE
0,105	0,310	0,004	0,012	0,127	FALSE
0,135	0,312	0,004	0,010	0,186	FALSE
-0,081	0,318	-0,003	0,013	0,094	FALSE
0,036	0,310	0,001	0,010	0,021	FALSE
0,091	0,309	0,003	0,012	0,107	FALSE
-0,024	0,305	0,000	0,007	0,022	FALSE
-0,049	0,294	-0,001	0,007	0,059	FALSE
-0,098	0,314	-0,002	0,007	0,103	FALSE
-0,131	0,310	-0,003	0,009	0,147	FALSE
0,076	0,306	0,002	0,007	0,129	FALSE
0,080	0,296	0,003	0,009	0,137	FALSE
-0,099	0,287	-0,002	0,006	0,133	FALSE
-0,004	0,309	-0,001	0,012	0,031	FALSE
0,062	0,314	0,003	0,012	0,079	FALSE
-0,047	0,308	-0,002	0,007	0,088	FALSE
-0,068	0,299	-0,003	0,009	0,112	FALSE
0,099	0,314	0,004	0,010	0,154	FALSE

-0,092	0,311	-0,003	0,011	0,120	FALSE
-0,020	0,311	0,000	0,007	0,017	FALSE
0,066	0,305	0,003	0,012	0,080	FALSE
0,075	0,309	0,003	0,013	0,081	FALSE
0,151	0,292	0,007	0,013	0,233	FALSE
-0,100	0,305	-0,003	0,009	0,149	FALSE
0,020	0,320	0,001	0,011	0,034	FALSE
0,010	0,316	0,001	0,011	0,017	FALSE
-0,012	0,311	-0,001	0,008	0,033	FALSE
-0,068	0,310	-0,002	0,009	0,063	FALSE
0,005	0,326	0,001	0,007	0,025	FALSE
0,069	0,299	0,002	0,011	0,067	FALSE
0,025	0,303	0,000	0,012	0,005	FALSE
0,044	0,314	0,000	0,013	0,013	FALSE
0,013	0,306	0,000	0,011	0,011	FALSE
-0,049	0,318	-0,003	0,012	0,092	FALSE
0,016	0,307	0,000	0,010	0,012	FALSE
0,021	0,316	0,000	0,011	0,011	FALSE
-0,018	0,309	0,000	0,012	0,003	FALSE
0,074	0,310	0,002	0,008	0,089	FALSE
0,062	0,299	0,001	0,008	0,071	FALSE
0,013	0,312	0,001	0,009	0,021	FALSE
0,068	0,314	0,002	0,007	0,079	FALSE
-0,052	0,310	-0,002	0,013	0,044	FALSE
0,058	0,317	0,001	0,008	0,054	FALSE
0,088	0,309	0,002	0,008	0,100	FALSE
0,017	0,310	0,001	0,011	0,034	FALSE
-0,094	0,311	-0,003	0,013	0,103	FALSE
-0,056	0,305	-0,001	0,006	0,065	FALSE
-0,152	0,315	-0,003	0,007	0,170	FALSE
-0,108	0,316	-0,003	0,009	0,124	FALSE
0,237	0,284	0,010	0,012	0,393	FALSE
-0,038	0,302	-0,002	0,012	0,070	FALSE
-0,037	0,301	-0,002	0,009	0,075	FALSE
-0,054	0,296	-0,002	0,008	0,107	FALSE
-0,115	0,309	-0,004	0,010	0,155	FALSE
0,036	0,313	0,001	0,008	0,049	FALSE
0,095	0,317	0,002	0,007	0,112	FALSE
0,078	0,308	0,002	0,006	0,104	FALSE
0,074	0,311	0,002	0,007	0,101	FALSE
0,084	0,309	0,003	0,008	0,131	FALSE
-0,024	0,297	-0,002	0,011	0,056	FALSE
-0,012	0,308	0,000	0,009	0,010	FALSE
0,058	0,298	0,002	0,011	0,073	FALSE
0,076	0,305	0,002	0,008	0,085	FALSE
0,099	0,305	0,002	0,008	0,115	FALSE
0,046	0,294	0,002	0,012	0,052	FALSE
-0,034	0,306	-0,001	0,012	0,045	FALSE
0,074	0,302	0,002	0,010	0,087	FALSE
0,005	0,305	0,000	0,010	0,010	FALSE
0,063	0,319	0,002	0,010	0,092	FALSE
0,023	0,298	0,000	0,008	0,023	FALSE
0,049	0,298	0,002	0,008	0,071	FALSE

-0,077	0,297	-0,002	0,009	0,093	FALSE
-0,112	0,303	-0,002	0,007	0,137	FALSE
0,003	0,301	0,000	0,008	0,004	FALSE
-0,033	0,295	-0,001	0,011	0,018	FALSE
0,040	0,308	0,001	0,009	0,026	FALSE
-0,025	0,310	-0,001	0,012	0,038	FALSE
0,007	0,309	0,000	0,007	0,016	FALSE
-0,114	0,297	-0,005	0,013	0,159	FALSE
0,013	0,315	0,001	0,009	0,035	FALSE
-0,064	0,297	-0,002	0,008	0,096	FALSE
-0,037	0,302	-0,001	0,007	0,031	FALSE
0,040	0,318	0,001	0,009	0,042	FALSE
0,127	0,300	0,003	0,007	0,177	FALSE
0,133	0,300	0,003	0,007	0,181	FALSE
-0,090	0,310	-0,003	0,009	0,120	FALSE
-0,008	0,296	0,000	0,011	0,005	FALSE
0,056	0,301	0,002	0,007	0,104	FALSE
0,070	0,307	0,003	0,010	0,127	FALSE
0,032	0,303	0,001	0,011	0,047	FALSE
-0,038	0,319	-0,001	0,006	0,056	FALSE
-0,029	0,309	-0,001	0,011	0,025	FALSE
-0,037	0,314	-0,002	0,011	0,065	FALSE
-0,038	0,309	-0,002	0,011	0,060	FALSE
-0,016	0,307	0,000	0,009	0,016	FALSE
-0,030	0,299	-0,001	0,008	0,071	FALSE
-0,056	0,311	-0,001	0,011	0,049	FALSE
0,024	0,314	0,001	0,012	0,022	FALSE
0,054	0,300	0,002	0,012	0,077	FALSE
0,105	0,314	0,002	0,006	0,096	FALSE
-0,124	0,306	-0,003	0,008	0,174	FALSE
0,018	0,295	0,001	0,010	0,050	FALSE
0,001	0,297	0,000	0,008	0,020	FALSE
0,102	0,308	0,003	0,007	0,162	FALSE
0,113	0,309	0,004	0,011	0,161	FALSE
0,046	0,299	0,001	0,007	0,066	FALSE
-0,025	0,323	-0,001	0,012	0,021	FALSE
-0,071	0,308	-0,003	0,013	0,106	FALSE
-0,024	0,313	-0,001	0,008	0,047	FALSE
-0,042	0,305	-0,002	0,011	0,069	FALSE
0,008	0,321	0,000	0,009	0,010	FALSE
0,162	0,294	0,006	0,011	0,258	FALSE
0,137	0,306	0,004	0,008	0,196	FALSE
-0,005	0,310	0,000	0,008	0,004	FALSE
-0,037	0,300	-0,002	0,008	0,079	FALSE
-0,078	0,300	-0,003	0,009	0,118	FALSE
0,093	0,316	0,003	0,013	0,081	FALSE
0,118	0,314	0,003	0,009	0,152	FALSE
0,111	0,298	0,003	0,012	0,112	FALSE
0,040	0,302	0,001	0,008	0,021	FALSE
0,042	0,312	0,001	0,009	0,052	FALSE
0,102	0,304	0,003	0,008	0,150	FALSE
0,108	0,290	0,005	0,012	0,164	FALSE
0,010	0,309	0,000	0,011	0,014	FALSE

-0,016	0,318	-0,001	0,011	0,039	FALSE
-0,022	0,307	-0,002	0,013	0,051	FALSE
-0,067	0,299	-0,002	0,009	0,106	FALSE
0,036	0,309	0,000	0,008	0,012	FALSE
0,017	0,310	0,001	0,010	0,037	FALSE
-0,039	0,315	-0,001	0,007	0,069	FALSE
-0,084	0,299	-0,003	0,012	0,097	FALSE
0,009	0,311	0,000	0,008	0,014	FALSE
-0,081	0,330	-0,002	0,008	0,086	FALSE
-0,088	0,302	-0,003	0,009	0,131	FALSE
-0,055	0,306	-0,002	0,011	0,070	FALSE
-0,040	0,309	0,000	0,006	0,023	FALSE
-0,037	0,304	-0,001	0,006	0,036	FALSE
-0,110	0,312	-0,002	0,007	0,137	FALSE
0,042	0,294	0,001	0,012	0,045	FALSE
0,012	0,315	0,001	0,013	0,022	FALSE
0,119	0,310	0,003	0,008	0,132	FALSE
0,078	0,313	0,002	0,013	0,062	FALSE
0,160	0,300	0,004	0,008	0,205	FALSE
-0,035	0,313	-0,002	0,010	0,061	FALSE
0,184	0,300	0,008	0,013	0,262	FALSE
-0,036	0,305	-0,001	0,009	0,033	FALSE
-0,079	0,313	-0,003	0,010	0,130	FALSE
-0,009	0,314	0,000	0,008	0,001	FALSE
0,055	0,313	0,002	0,008	0,090	FALSE
0,009	0,310	0,000	0,009	0,012	FALSE
0,010	0,322	0,000	0,010	0,008	FALSE
0,009	0,313	0,000	0,009	0,011	FALSE
0,024	0,323	0,001	0,012	0,043	FALSE
-0,150	0,302	-0,003	0,007	0,220	FALSE
-0,040	0,321	-0,001	0,012	0,030	FALSE
0,037	0,305	0,000	0,006	0,026	FALSE
-0,012	0,308	-0,001	0,012	0,040	FALSE
-0,003	0,311	0,000	0,010	0,014	FALSE
0,069	0,311	0,003	0,012	0,086	FALSE
0,111	0,304	0,004	0,012	0,138	FALSE
0,018	0,300	0,000	0,012	0,007	FALSE
0,006	0,304	0,000	0,012	0,001	FALSE
-0,066	0,306	-0,002	0,006	0,119	FALSE
0,047	0,307	0,003	0,012	0,091	FALSE
0,097	0,305	0,003	0,009	0,112	FALSE
-0,017	0,303	-0,001	0,012	0,018	FALSE
-0,016	0,304	-0,001	0,011	0,020	FALSE
-0,113	0,315	-0,003	0,009	0,151	FALSE
0,085	0,312	0,003	0,010	0,115	FALSE
0,017	0,311	0,000	0,010	0,007	FALSE
-0,008	0,322	0,000	0,011	0,011	FALSE
0,040	0,311	0,001	0,009	0,030	FALSE
-0,179	0,294	-0,008	0,012	0,297	FALSE
-0,037	0,315	-0,001	0,009	0,047	FALSE
-0,054	0,309	-0,001	0,008	0,059	FALSE
0,030	0,320	0,001	0,006	0,042	FALSE
0,065	0,296	0,002	0,012	0,066	FALSE

0,007	0,312	0,000	0,009	0,002	FALSE
0,005	0,295	-0,001	0,008	0,025	FALSE
0,059	0,303	0,002	0,010	0,064	FALSE
-0,104	0,297	-0,003	0,009	0,111	FALSE
0,013	0,299	0,001	0,011	0,019	FALSE
0,013	0,311	0,001	0,011	0,022	FALSE
0,160	0,301	0,005	0,011	0,215	FALSE
-0,197	0,306	-0,007	0,011	0,281	FALSE
0,170	0,305	0,005	0,011	0,203	FALSE
-0,069	0,302	-0,002	0,007	0,080	FALSE
-0,074	0,299	-0,002	0,008	0,080	FALSE
0,003	0,310	0,000	0,007	0,002	FALSE
-0,110	0,300	-0,002	0,007	0,125	FALSE
0,062	0,317	0,002	0,010	0,075	FALSE
-0,011	0,297	0,000	0,007	0,014	FALSE
-0,018	0,309	-0,001	0,007	0,029	FALSE
-0,042	0,310	-0,001	0,009	0,064	FALSE
-0,003	0,304	0,000	0,011	0,008	FALSE
-0,018	0,304	0,000	0,010	0,002	FALSE
0,006	0,313	0,001	0,011	0,029	FALSE
-0,198	0,292	-0,006	0,009	0,260	FALSE
0,053	0,304	0,003	0,012	0,101	FALSE
-0,008	0,289	0,001	0,011	0,029	FALSE
0,049	0,304	0,002	0,012	0,061	FALSE
0,087	0,293	0,004	0,012	0,140	FALSE
-0,055	0,294	-0,001	0,011	0,035	FALSE
-0,046	0,302	-0,001	0,011	0,026	FALSE
0,037	0,303	0,001	0,013	0,041	FALSE
-0,100	0,291	-0,003	0,007	0,157	FALSE
0,041	0,301	0,002	0,012	0,047	FALSE
-0,003	0,304	0,000	0,012	0,002	FALSE
0,043	0,305	0,001	0,010	0,022	FALSE
0,040	0,319	0,001	0,007	0,027	FALSE
-0,023	0,307	-0,001	0,009	0,022	FALSE
0,030	0,314	0,000	0,010	0,002	FALSE
-0,006	0,320	-0,001	0,008	0,043	FALSE
0,017	0,320	0,000	0,008	0,020	FALSE
-0,011	0,312	0,000	0,012	0,014	FALSE
0,181	0,308	0,006	0,009	0,289	FALSE
0,117	0,298	0,004	0,009	0,205	FALSE
0,017	0,310	0,001	0,006	0,039	FALSE
0,028	0,300	0,001	0,006	0,068	FALSE
0,006	0,310	0,000	0,007	0,013	FALSE
0,118	0,288	0,004	0,011	0,143	FALSE
-0,003	0,312	0,000	0,008	0,011	FALSE
-0,083	0,306	-0,003	0,008	0,126	FALSE
-0,019	0,294	-0,001	0,009	0,045	FALSE
-0,106	0,287	-0,004	0,011	0,161	FALSE
0,163	0,299	0,006	0,013	0,188	FALSE
-0,016	0,320	-0,001	0,011	0,043	FALSE
-0,160	0,304	-0,004	0,008	0,215	FALSE
0,017	0,311	0,000	0,012	0,008	FALSE
-0,019	0,307	-0,001	0,012	0,027	FALSE

0,018	0,304	0,001	0,011	0,020	FALSE
-0,095	0,301	-0,003	0,009	0,109	FALSE
-0,056	0,326	-0,002	0,012	0,070	FALSE
0,086	0,313	0,003	0,009	0,105	FALSE
0,088	0,300	0,003	0,010	0,124	FALSE
0,023	0,300	0,000	0,007	0,017	FALSE
-0,047	0,299	-0,002	0,012	0,072	FALSE
-0,059	0,310	-0,003	0,013	0,088	FALSE
-0,098	0,314	-0,004	0,010	0,153	FALSE
0,013	0,311	0,000	0,009	0,016	FALSE
0,006	0,308	0,000	0,008	0,013	FALSE
0,037	0,319	0,000	0,009	0,016	FALSE
0,051	0,322	0,000	0,009	0,017	FALSE
0,008	0,277	0,000	0,008	0,018	FALSE
-0,067	0,302	-0,002	0,008	0,084	FALSE
-0,088	0,322	-0,003	0,013	0,074	FALSE
0,134	0,291	0,003	0,008	0,132	FALSE
-0,077	0,300	-0,004	0,012	0,120	FALSE
-0,078	0,298	-0,005	0,012	0,151	FALSE
0,067	0,296	0,005	0,012	0,157	FALSE
0,100	0,311	0,002	0,008	0,115	FALSE
0,046	0,306	0,003	0,012	0,082	FALSE
0,058	0,304	0,003	0,012	0,096	FALSE
0,078	0,301	0,002	0,006	0,124	FALSE
0,074	0,311	0,004	0,011	0,124	FALSE
-0,079	0,310	-0,002	0,008	0,102	FALSE
0,125	0,291	0,005	0,008	0,237	FALSE
0,079	0,317	0,002	0,008	0,101	FALSE
0,004	0,314	0,001	0,007	0,028	FALSE
0,018	0,293	0,001	0,007	0,040	FALSE
-0,016	0,309	-0,001	0,009	0,022	FALSE
-0,068	0,310	-0,001	0,009	0,045	FALSE
-0,027	0,313	-0,001	0,009	0,035	FALSE
-0,098	0,311	-0,003	0,012	0,106	FALSE
-0,002	0,303	0,000	0,008	0,015	FALSE
-0,037	0,310	-0,001	0,007	0,078	FALSE
0,013	0,320	0,000	0,012	0,004	FALSE
0,032	0,290	0,001	0,011	0,023	FALSE
0,022	0,312	0,001	0,010	0,020	FALSE
0,025	0,315	0,001	0,008	0,036	FALSE
-0,011	0,292	0,000	0,008	0,012	FALSE
-0,001	0,311	0,001	0,008	0,024	FALSE
0,061	0,299	0,002	0,010	0,068	FALSE
0,042	0,303	0,001	0,009	0,040	FALSE
0,021	0,313	0,001	0,008	0,055	FALSE
-0,004	0,313	-0,001	0,013	0,037	FALSE
-0,088	0,308	-0,002	0,008	0,105	FALSE
-0,084	0,304	-0,003	0,009	0,119	FALSE
0,011	0,303	0,001	0,006	0,034	FALSE
0,098	0,294	0,002	0,008	0,106	FALSE
0,039	0,324	0,001	0,009	0,051	FALSE
0,029	0,315	0,001	0,006	0,044	FALSE
0,117	0,301	0,004	0,010	0,174	FALSE

-0,058	0,301	-0,001	0,006	0,059	FALSE
0,128	0,297	0,004	0,011	0,166	FALSE
0,198	0,298	0,008	0,011	0,321	FALSE
0,118	0,314	0,004	0,010	0,157	FALSE
0,033	0,310	0,001	0,007	0,046	FALSE
-0,050	0,313	-0,001	0,012	0,043	FALSE
-0,009	0,317	0,000	0,013	0,012	FALSE
0,001	0,302	0,000	0,012	0,002	FALSE
-0,015	0,319	-0,001	0,013	0,015	FALSE
-0,026	0,295	0,000	0,010	0,012	FALSE
0,111	0,305	0,004	0,011	0,159	FALSE
0,122	0,313	0,002	0,008	0,113	FALSE
-0,013	0,298	0,000	0,009	0,009	FALSE
-0,083	0,301	-0,003	0,009	0,112	FALSE
-0,041	0,314	-0,001	0,010	0,032	FALSE
0,133	0,308	0,005	0,012	0,178	FALSE
-0,008	0,314	0,000	0,010	0,016	FALSE
-0,063	0,311	-0,002	0,010	0,077	FALSE
0,107	0,302	0,004	0,011	0,130	FALSE
-0,119	0,311	-0,003	0,008	0,150	FALSE
0,020	0,303	0,000	0,012	0,007	FALSE
0,144	0,306	0,003	0,007	0,154	FALSE
0,113	0,316	0,003	0,009	0,113	FALSE
0,092	0,300	0,002	0,008	0,081	FALSE
0,100	0,314	0,002	0,009	0,078	FALSE
0,089	0,306	0,002	0,008	0,083	FALSE
-0,146	0,304	-0,005	0,010	0,222	FALSE
-0,098	0,302	-0,003	0,008	0,144	FALSE
0,073	0,309	0,002	0,008	0,112	FALSE
0,014	0,299	0,000	0,010	0,012	FALSE
0,063	0,289	0,002	0,010	0,058	FALSE
0,058	0,301	0,001	0,011	0,041	FALSE
0,019	0,327	0,000	0,007	0,007	FALSE
0,036	0,303	0,001	0,006	0,056	FALSE
0,130	0,308	0,004	0,009	0,177	FALSE
0,042	0,302	0,001	0,006	0,067	FALSE
-0,011	0,321	0,000	0,012	0,002	FALSE
0,040	0,308	0,001	0,006	0,054	FALSE
-0,045	0,308	-0,001	0,009	0,040	FALSE
0,124	0,312	0,003	0,009	0,152	FALSE
0,030	0,287	0,002	0,012	0,069	FALSE
0,073	0,313	0,003	0,012	0,106	FALSE
0,022	0,298	0,001	0,012	0,045	FALSE
0,127	0,305	0,005	0,010	0,178	FALSE
0,083	0,319	0,002	0,008	0,087	FALSE
0,048	0,291	0,002	0,008	0,094	FALSE
0,004	0,310	0,000	0,007	0,009	FALSE
0,074	0,291	0,004	0,012	0,121	FALSE
-0,036	0,310	-0,001	0,012	0,035	FALSE
-0,006	0,302	-0,001	0,013	0,038	FALSE
0,003	0,315	-0,001	0,013	0,023	FALSE
-0,034	0,312	-0,002	0,013	0,060	FALSE
0,020	0,301	0,000	0,012	0,001	FALSE

-0,031	0,302	-0,002	0,012	0,073	FALSE
0,072	0,297	0,003	0,010	0,101	FALSE
-0,015	0,312	0,000	0,009	0,001	FALSE
-0,067	0,304	-0,002	0,010	0,070	FALSE
-0,109	0,316	-0,004	0,010	0,167	FALSE
-0,063	0,313	-0,002	0,006	0,104	FALSE
0,009	0,310	0,000	0,009	0,018	FALSE
-0,076	0,323	-0,003	0,011	0,096	FALSE
-0,052	0,294	-0,001	0,007	0,085	FALSE
-0,071	0,307	-0,003	0,011	0,106	FALSE
-0,050	0,302	-0,001	0,006	0,035	FALSE
0,166	0,292	0,006	0,009	0,296	FALSE
0,060	0,307	0,001	0,009	0,047	FALSE
0,099	0,308	0,002	0,008	0,084	FALSE
-0,193	0,295	-0,007	0,011	0,290	FALSE
0,108	0,300	0,003	0,008	0,144	FALSE
0,009	0,311	0,001	0,006	0,033	FALSE
0,048	0,321	0,002	0,012	0,051	FALSE
0,015	0,308	0,001	0,010	0,031	FALSE
0,054	0,316	0,002	0,013	0,048	FALSE
0,076	0,314	0,003	0,013	0,088	FALSE
0,057	0,314	0,002	0,012	0,071	FALSE
0,067	0,317	0,002	0,012	0,074	FALSE
-0,170	0,313	-0,005	0,009	0,228	FALSE
0,110	0,313	0,003	0,007	0,139	FALSE
0,002	0,321	0,000	0,007	0,005	FALSE
0,073	0,296	0,003	0,012	0,082	FALSE
0,045	0,298	0,001	0,008	0,040	FALSE
0,037	0,314	0,001	0,008	0,027	FALSE
0,043	0,306	0,000	0,007	0,023	FALSE
-0,122	0,300	-0,003	0,008	0,160	FALSE
0,064	0,323	0,001	0,007	0,061	FALSE
-0,062	0,308	-0,002	0,012	0,059	FALSE
0,066	0,301	0,001	0,007	0,082	FALSE
0,062	0,301	0,002	0,008	0,080	FALSE
-0,112	0,310	-0,004	0,010	0,157	FALSE
0,019	0,325	0,000	0,011	0,000	FALSE
0,032	0,302	0,000	0,007	0,018	FALSE
-0,116	0,306	-0,004	0,011	0,152	FALSE
-0,075	0,318	-0,003	0,009	0,121	FALSE
-0,090	0,297	-0,004	0,012	0,147	FALSE
0,077	0,315	0,002	0,008	0,089	FALSE
-0,157	0,295	-0,006	0,011	0,227	FALSE
0,126	0,303	0,005	0,012	0,173	FALSE
-0,017	0,303	-0,001	0,009	0,025	FALSE
-0,059	0,304	-0,002	0,012	0,057	FALSE
0,030	0,313	0,001	0,013	0,026	FALSE
-0,046	0,307	-0,001	0,007	0,067	FALSE
-0,034	0,304	-0,001	0,011	0,049	FALSE
-0,169	0,316	-0,005	0,010	0,231	FALSE
-0,202	0,308	-0,007	0,011	0,285	FALSE
0,019	0,308	0,000	0,009	0,017	FALSE
0,051	0,292	0,003	0,010	0,102	FALSE

0,025	0,316	0,001	0,012	0,032	FALSE
-0,026	0,315	-0,001	0,009	0,029	FALSE
0,038	0,293	0,002	0,009	0,073	FALSE
-0,100	0,303	-0,003	0,012	0,096	FALSE
0,019	0,311	0,001	0,007	0,049	FALSE
0,026	0,299	0,000	0,007	0,017	FALSE
0,052	0,303	0,001	0,007	0,042	FALSE
-0,078	0,307	-0,002	0,007	0,092	FALSE
0,048	0,307	0,001	0,009	0,049	FALSE
0,030	0,308	0,001	0,010	0,036	FALSE
0,044	0,296	0,001	0,012	0,032	FALSE
0,137	0,297	0,006	0,012	0,184	FALSE
-0,121	0,306	-0,004	0,011	0,155	FALSE
-0,104	0,296	-0,004	0,011	0,137	FALSE
-0,088	0,311	-0,002	0,008	0,119	FALSE
0,115	0,298	0,002	0,007	0,119	FALSE
0,093	0,305	0,003	0,009	0,150	FALSE
-0,071	0,303	-0,002	0,011	0,080	FALSE
0,084	0,306	0,003	0,010	0,110	FALSE
0,172	0,300	0,004	0,006	0,248	FALSE
-0,015	0,296	0,000	0,008	0,001	FALSE
-0,020	0,301	0,000	0,007	0,024	FALSE
-0,069	0,307	-0,003	0,012	0,091	FALSE
0,133	0,315	0,003	0,008	0,169	FALSE
0,032	0,318	0,001	0,008	0,053	FALSE
0,007	0,320	0,000	0,007	0,000	FALSE
-0,060	0,301	-0,002	0,012	0,055	FALSE
0,053	0,308	0,002	0,010	0,072	FALSE
0,005	0,318	-0,001	0,010	0,021	FALSE
-0,036	0,313	-0,001	0,008	0,061	FALSE
-0,017	0,308	0,000	0,011	0,013	FALSE
0,027	0,315	0,000	0,012	0,010	FALSE
0,064	0,312	0,001	0,007	0,076	FALSE
-0,007	0,292	-0,001	0,012	0,018	FALSE
-0,033	0,308	-0,001	0,007	0,061	FALSE
0,040	0,305	0,001	0,009	0,041	FALSE
0,105	0,303	0,005	0,012	0,149	FALSE
-0,096	0,318	-0,002	0,007	0,108	FALSE
-0,068	0,303	-0,002	0,007	0,111	FALSE
0,072	0,301	0,002	0,012	0,075	FALSE
-0,050	0,312	-0,001	0,009	0,048	FALSE
-0,049	0,309	-0,001	0,006	0,067	FALSE
-0,059	0,317	-0,001	0,006	0,078	FALSE
-0,099	0,301	-0,005	0,012	0,147	FALSE
-0,096	0,309	-0,005	0,013	0,153	FALSE
-0,009	0,302	0,001	0,011	0,021	FALSE
0,037	0,301	0,001	0,009	0,050	FALSE
0,031	0,304	0,001	0,010	0,050	FALSE
-0,030	0,316	-0,001	0,009	0,049	FALSE
-0,157	0,303	-0,004	0,009	0,207	FALSE
0,016	0,304	0,000	0,008	0,008	FALSE
0,062	0,316	0,003	0,012	0,095	FALSE
0,137	0,314	0,004	0,010	0,177	FALSE

-0,083	0,317	-0,002	0,007	0,129	FALSE
0,064	0,301	0,002	0,011	0,078	FALSE
-0,164	0,306	-0,006	0,010	0,264	FALSE
0,062	0,284	0,003	0,012	0,099	FALSE
0,006	0,292	0,000	0,008	0,003	FALSE
-0,149	0,291	-0,003	0,007	0,196	FALSE
0,009	0,303	0,001	0,008	0,045	FALSE
0,018	0,300	0,001	0,011	0,029	FALSE
-0,022	0,313	-0,001	0,010	0,032	FALSE
-0,092	0,304	-0,003	0,009	0,134	FALSE
0,042	0,329	0,002	0,010	0,076	FALSE
-0,021	0,313	0,000	0,009	0,014	FALSE
0,134	0,309	0,003	0,006	0,201	FALSE
0,066	0,323	0,003	0,010	0,118	FALSE
0,061	0,318	0,001	0,006	0,071	FALSE
-0,044	0,322	-0,002	0,011	0,060	FALSE
-0,106	0,307	-0,003	0,008	0,130	FALSE
-0,024	0,298	0,000	0,007	0,020	FALSE
0,023	0,310	0,000	0,010	0,003	FALSE
0,087	0,309	0,002	0,008	0,090	FALSE
0,070	0,297	0,003	0,009	0,130	FALSE
-0,060	0,303	-0,001	0,007	0,062	FALSE
0,143	0,306	0,003	0,007	0,197	FALSE
-0,060	0,296	-0,003	0,012	0,079	FALSE
-0,021	0,306	-0,001	0,012	0,022	FALSE
0,133	0,296	0,004	0,007	0,220	FALSE
-0,179	0,314	-0,006	0,011	0,229	FALSE
-0,004	0,303	0,000	0,008	0,006	FALSE
0,102	0,310	0,004	0,009	0,160	FALSE
0,041	0,303	0,001	0,008	0,049	FALSE
-0,041	0,308	-0,001	0,012	0,040	FALSE
0,050	0,308	0,002	0,012	0,076	FALSE
-0,132	0,292	-0,004	0,010	0,169	FALSE
-0,006	0,320	-0,001	0,013	0,015	FALSE
-0,031	0,299	-0,001	0,009	0,028	FALSE
-0,038	0,300	-0,001	0,009	0,053	FALSE
0,150	0,304	0,005	0,011	0,215	FALSE
0,035	0,304	0,001	0,008	0,028	FALSE
-0,069	0,303	-0,002	0,011	0,072	FALSE
-0,136	0,314	-0,004	0,009	0,169	FALSE
0,186	0,297	0,007	0,011	0,274	FALSE
-0,025	0,321	-0,001	0,009	0,041	FALSE
0,123	0,310	0,005	0,011	0,169	FALSE
0,164	0,300	0,006	0,011	0,218	FALSE
0,002	0,297	-0,001	0,009	0,024	FALSE
0,099	0,320	0,004	0,011	0,136	FALSE
-0,016	0,310	-0,001	0,008	0,026	FALSE
-0,049	0,321	-0,001	0,008	0,058	FALSE
-0,016	0,297	0,000	0,010	0,002	FALSE
-0,037	0,308	-0,001	0,007	0,041	FALSE
0,182	0,292	0,004	0,007	0,265	FALSE
-0,009	0,290	-0,001	0,008	0,037	FALSE
-0,125	0,308	-0,004	0,012	0,144	FALSE

0,080	0,307	0,003	0,009	0,116	FALSE
-0,052	0,307	-0,002	0,008	0,071	FALSE
0,036	0,325	0,001	0,007	0,048	FALSE
-0,039	0,322	-0,001	0,010	0,048	FALSE
-0,022	0,324	0,000	0,012	0,014	FALSE
0,052	0,314	0,001	0,007	0,047	FALSE
-0,017	0,306	-0,001	0,007	0,029	FALSE
0,013	0,311	0,001	0,010	0,020	FALSE
-0,026	0,294	0,000	0,011	0,004	FALSE
0,090	0,309	0,002	0,008	0,111	FALSE
-0,071	0,310	-0,002	0,007	0,112	FALSE
-0,110	0,299	-0,003	0,008	0,134	FALSE
0,059	0,308	0,002	0,010	0,087	FALSE
-0,109	0,279	-0,003	0,008	0,134	FALSE
0,102	0,298	0,003	0,008	0,180	FALSE
-0,020	0,317	-0,001	0,006	0,041	FALSE
-0,018	0,310	-0,002	0,013	0,052	FALSE
-0,041	0,297	-0,002	0,009	0,087	FALSE
0,036	0,305	0,002	0,011	0,060	FALSE
-0,043	0,297	-0,002	0,007	0,090	FALSE
-0,022	0,296	-0,002	0,011	0,057	FALSE
-0,038	0,308	-0,002	0,011	0,084	FALSE
-0,034	0,314	-0,001	0,007	0,037	FALSE
0,057	0,306	0,003	0,013	0,106	FALSE
0,022	0,317	0,002	0,013	0,046	FALSE
0,001	0,306	0,000	0,011	0,001	FALSE
0,010	0,310	0,001	0,012	0,031	FALSE
-0,094	0,309	-0,003	0,009	0,135	FALSE
0,031	0,297	0,002	0,012	0,046	FALSE
-0,126	0,303	-0,002	0,006	0,150	FALSE
0,043	0,325	0,002	0,011	0,063	FALSE
0,133	0,310	0,005	0,011	0,196	FALSE
-0,024	0,307	-0,001	0,012	0,033	FALSE
0,083	0,313	0,002	0,008	0,077	FALSE
-0,003	0,300	0,001	0,007	0,026	FALSE
-0,072	0,318	-0,002	0,009	0,099	FALSE
0,039	0,309	0,002	0,012	0,069	FALSE
-0,035	0,296	-0,002	0,012	0,074	FALSE
0,012	0,312	0,001	0,013	0,031	FALSE
0,037	0,311	0,002	0,012	0,068	FALSE
0,049	0,309	0,002	0,012	0,065	FALSE
-0,061	0,306	-0,002	0,009	0,092	FALSE
0,066	0,308	0,003	0,011	0,113	FALSE
0,069	0,306	0,001	0,006	0,067	FALSE
0,088	0,314	0,004	0,009	0,164	FALSE
-0,046	0,321	-0,001	0,010	0,050	FALSE
-0,043	0,304	0,000	0,006	0,020	FALSE
-0,042	0,308	-0,003	0,012	0,088	FALSE
-0,047	0,306	-0,002	0,012	0,048	FALSE
0,061	0,294	0,003	0,013	0,081	FALSE
0,060	0,289	0,002	0,010	0,095	FALSE
-0,055	0,305	-0,002	0,009	0,087	FALSE
0,046	0,308	0,001	0,008	0,052	FALSE

-0,153	0,298	-0,004	0,007	0,219	FALSE
0,028	0,316	0,001	0,008	0,028	FALSE
0,055	0,320	0,003	0,012	0,083	FALSE
0,099	0,309	0,005	0,012	0,152	FALSE
-0,133	0,302	-0,002	0,007	0,150	FALSE
-0,168	0,301	-0,003	0,006	0,191	FALSE
0,012	0,303	0,000	0,009	0,005	FALSE
-0,041	0,300	-0,001	0,012	0,026	FALSE
0,061	0,308	0,001	0,008	0,059	FALSE
-0,061	0,293	-0,001	0,007	0,059	FALSE
0,101	0,305	0,004	0,011	0,135	FALSE
0,041	0,310	0,001	0,010	0,033	FALSE
0,159	0,300	0,004	0,006	0,269	FALSE
0,162	0,281	0,007	0,009	0,351	FALSE
-0,053	0,303	-0,003	0,012	0,097	FALSE
-0,100	0,308	-0,002	0,006	0,116	FALSE
-0,059	0,307	-0,002	0,010	0,093	FALSE
-0,054	0,302	-0,002	0,009	0,072	FALSE
-0,083	0,309	-0,002	0,009	0,098	FALSE
-0,052	0,299	-0,001	0,006	0,042	FALSE
-0,001	0,311	0,000	0,006	0,001	FALSE
-0,121	0,285	-0,003	0,008	0,151	FALSE
0,026	0,310	0,001	0,010	0,051	FALSE
0,130	0,323	0,005	0,013	0,145	FALSE
-0,075	0,316	-0,003	0,009	0,136	FALSE
-0,023	0,314	-0,001	0,006	0,036	FALSE
0,019	0,309	0,002	0,011	0,052	FALSE
-0,001	0,317	0,001	0,012	0,016	FALSE
0,028	0,311	0,002	0,010	0,075	FALSE
0,079	0,293	0,002	0,010	0,094	FALSE
-0,032	0,309	-0,001	0,010	0,029	FALSE
-0,135	0,306	-0,006	0,012	0,218	FALSE
0,147	0,303	0,006	0,011	0,219	FALSE
0,048	0,299	0,001	0,007	0,067	FALSE
-0,045	0,306	-0,001	0,007	0,056	FALSE
-0,038	0,307	-0,001	0,007	0,049	FALSE
0,091	0,298	0,003	0,007	0,152	FALSE
0,117	0,303	0,004	0,010	0,161	FALSE
-0,037	0,309	-0,002	0,011	0,051	FALSE
0,055	0,308	0,002	0,012	0,064	FALSE
0,034	0,288	0,001	0,008	0,068	FALSE
-0,016	0,307	0,000	0,012	0,015	FALSE
-0,019	0,303	-0,001	0,012	0,030	FALSE
-0,041	0,310	-0,002	0,011	0,051	FALSE
-0,010	0,310	0,000	0,012	0,004	FALSE
-0,090	0,311	-0,004	0,011	0,127	FALSE
0,045	0,310	0,001	0,008	0,041	FALSE
0,030	0,304	0,000	0,007	0,022	FALSE
0,003	0,309	0,000	0,012	0,009	FALSE
-0,062	0,323	-0,002	0,010	0,070	FALSE
-0,113	0,290	-0,005	0,011	0,196	FALSE
-0,050	0,291	-0,002	0,009	0,097	FALSE
-0,002	0,311	0,000	0,007	0,001	FALSE

0,170	0,278	0,008	0,012	0,287	FALSE
-0,041	0,318	-0,001	0,010	0,037	FALSE
-0,058	0,322	-0,002	0,012	0,052	FALSE
0,107	0,307	0,004	0,012	0,123	FALSE
-0,070	0,312	-0,002	0,010	0,064	FALSE
-0,088	0,300	-0,003	0,010	0,119	FALSE
0,010	0,306	0,000	0,007	0,018	FALSE
-0,056	0,299	-0,002	0,009	0,064	FALSE
-0,047	0,309	-0,002	0,009	0,067	FALSE
0,060	0,306	0,003	0,011	0,090	FALSE
-0,082	0,322	-0,001	0,007	0,071	FALSE
0,064	0,301	0,003	0,010	0,102	FALSE
0,048	0,310	0,002	0,011	0,054	FALSE
0,052	0,303	0,001	0,006	0,076	FALSE
-0,128	0,300	-0,005	0,011	0,214	FALSE
0,027	0,314	0,001	0,012	0,036	FALSE
0,153	0,314	0,004	0,010	0,171	FALSE
0,017	0,305	0,000	0,009	0,012	FALSE
0,080	0,297	0,004	0,011	0,144	FALSE
-0,089	0,313	-0,003	0,012	0,111	FALSE
-0,033	0,309	-0,002	0,012	0,064	FALSE
-0,058	0,283	-0,003	0,012	0,081	FALSE
0,049	0,315	0,001	0,011	0,036	FALSE
0,027	0,306	0,000	0,011	0,005	FALSE
-0,104	0,303	-0,002	0,006	0,151	FALSE
0,022	0,329	0,000	0,012	0,004	FALSE
0,021	0,310	0,001	0,010	0,028	FALSE
0,055	0,307	0,002	0,007	0,109	FALSE
0,132	0,313	0,006	0,012	0,201	FALSE
0,012	0,305	0,000	0,008	0,017	FALSE
0,051	0,317	0,002	0,009	0,075	FALSE
0,085	0,293	0,003	0,011	0,112	FALSE
0,154	0,313	0,007	0,013	0,215	FALSE
0,039	0,298	0,002	0,011	0,072	FALSE
0,021	0,319	0,001	0,012	0,024	FALSE
-0,124	0,291	-0,004	0,008	0,186	FALSE
-0,142	0,316	-0,004	0,008	0,185	FALSE
0,092	0,301	0,002	0,008	0,094	FALSE
0,039	0,320	0,002	0,009	0,073	FALSE
-0,074	0,292	-0,003	0,011	0,126	FALSE
0,061	0,306	0,002	0,008	0,089	FALSE
-0,042	0,295	-0,002	0,009	0,063	FALSE
-0,098	0,301	-0,005	0,012	0,156	FALSE
0,028	0,318	0,000	0,007	0,008	FALSE
0,060	0,306	0,002	0,006	0,092	FALSE
-0,033	0,297	-0,001	0,010	0,027	FALSE
-0,038	0,311	-0,001	0,011	0,038	FALSE
-0,093	0,306	-0,003	0,010	0,130	FALSE
-0,131	0,311	-0,005	0,012	0,174	FALSE
0,148	0,288	0,008	0,012	0,274	FALSE
0,128	0,282	0,005	0,011	0,214	FALSE
-0,090	0,316	-0,002	0,007	0,089	FALSE
-0,064	0,304	-0,001	0,008	0,054	FALSE

-0,085	0,304	-0,002	0,009	0,073	FALSE
-0,069	0,309	-0,002	0,010	0,061	FALSE
-0,024	0,309	-0,002	0,013	0,049	FALSE
0,056	0,296	0,002	0,011	0,057	FALSE
-0,080	0,304	-0,002	0,013	0,070	FALSE
0,105	0,313	0,004	0,013	0,124	FALSE
-0,117	0,311	-0,005	0,013	0,148	FALSE
0,006	0,307	0,001	0,008	0,031	FALSE
0,006	0,308	-0,001	0,009	0,034	FALSE
-0,079	0,295	-0,003	0,011	0,122	FALSE
-0,082	0,293	-0,003	0,010	0,123	FALSE
0,110	0,295	0,003	0,007	0,192	FALSE
-0,110	0,304	-0,003	0,009	0,160	FALSE
0,014	0,306	0,000	0,007	0,001	FALSE
0,127	0,300	0,004	0,010	0,157	FALSE
-0,013	0,318	0,000	0,011	0,002	FALSE
-0,017	0,316	0,000	0,011	0,003	FALSE
-0,008	0,306	-0,001	0,011	0,033	FALSE
-0,021	0,313	-0,001	0,011	0,036	FALSE
0,029	0,313	0,001	0,008	0,053	FALSE
0,048	0,296	0,001	0,013	0,042	FALSE
-0,042	0,312	-0,001	0,011	0,046	FALSE
0,022	0,297	0,000	0,007	0,003	FALSE
0,059	0,319	0,003	0,010	0,104	FALSE
0,065	0,297	0,002	0,009	0,094	FALSE
-0,019	0,307	-0,001	0,012	0,030	FALSE
0,071	0,304	0,003	0,010	0,096	FALSE
0,026	0,305	0,001	0,009	0,039	FALSE
0,117	0,309	0,004	0,010	0,155	FALSE
-0,044	0,303	-0,002	0,012	0,058	FALSE
-0,029	0,307	-0,001	0,012	0,035	FALSE
0,008	0,320	0,001	0,007	0,047	FALSE
0,029	0,307	0,001	0,012	0,044	FALSE
-0,040	0,303	-0,002	0,010	0,091	FALSE
-0,082	0,321	-0,002	0,009	0,097	FALSE
-0,006	0,317	0,000	0,010	0,016	FALSE
0,036	0,315	0,001	0,009	0,051	FALSE
0,064	0,305	0,003	0,012	0,106	FALSE
0,032	0,307	0,002	0,012	0,058	FALSE
-0,076	0,312	-0,002	0,007	0,101	FALSE
0,036	0,309	0,001	0,007	0,029	FALSE
-0,050	0,316	-0,002	0,007	0,083	FALSE
-0,002	0,313	0,000	0,010	0,010	FALSE
0,025	0,307	0,001	0,009	0,048	FALSE
0,064	0,299	0,002	0,006	0,121	FALSE
-0,003	0,314	-0,001	0,012	0,033	FALSE
-0,021	0,316	-0,002	0,013	0,054	FALSE
-0,008	0,306	-0,001	0,008	0,025	FALSE
0,031	0,306	0,000	0,011	0,009	FALSE
-0,071	0,304	-0,002	0,007	0,115	FALSE
-0,019	0,329	0,000	0,013	0,010	FALSE
0,042	0,307	0,000	0,007	0,025	FALSE
-0,114	0,301	-0,002	0,008	0,113	FALSE

0,051	0,324	0,001	0,012	0,018	FALSE
-0,089	0,312	-0,003	0,011	0,110	FALSE
-0,099	0,309	-0,003	0,007	0,153	FALSE
-0,073	0,295	-0,002	0,006	0,125	FALSE
-0,086	0,303	-0,003	0,010	0,115	FALSE
-0,128	0,305	-0,003	0,007	0,169	FALSE
-0,020	0,311	0,000	0,008	0,020	FALSE
0,113	0,305	0,003	0,008	0,154	FALSE
-0,217	0,302	-0,005	0,007	0,326	FALSE
-0,117	0,305	-0,003	0,008	0,152	FALSE
-0,018	0,303	-0,001	0,008	0,034	FALSE
0,165	0,313	0,004	0,009	0,178	FALSE
0,067	0,304	0,001	0,009	0,060	FALSE
0,036	0,296	0,002	0,012	0,059	FALSE
-0,047	0,297	-0,001	0,006	0,060	FALSE
-0,032	0,302	-0,001	0,012	0,034	FALSE
0,115	0,285	0,003	0,006	0,171	FALSE
0,079	0,286	0,002	0,007	0,085	FALSE
-0,009	0,304	0,000	0,013	0,003	FALSE
-0,034	0,308	-0,001	0,007	0,049	FALSE
0,102	0,305	0,003	0,007	0,169	FALSE
0,065	0,297	0,002	0,012	0,053	FALSE
-0,071	0,301	-0,003	0,013	0,079	FALSE
0,173	0,294	0,004	0,007	0,220	FALSE
-0,078	0,301	-0,003	0,010	0,105	FALSE
-0,111	0,300	-0,004	0,010	0,147	FALSE
-0,101	0,287	-0,004	0,009	0,161	FALSE
0,062	0,312	0,002	0,010	0,061	FALSE
-0,024	0,318	-0,001	0,011	0,038	FALSE
-0,002	0,307	0,000	0,006	0,005	FALSE
0,017	0,309	0,001	0,006	0,036	FALSE
-0,002	0,298	0,000	0,010	0,015	FALSE
0,057	0,304	0,001	0,012	0,044	FALSE
0,001	0,314	0,001	0,010	0,022	FALSE
-0,047	0,307	-0,002	0,012	0,051	FALSE
-0,025	0,302	0,000	0,010	0,015	FALSE
0,092	0,322	0,002	0,010	0,089	FALSE
0,019	0,311	0,000	0,010	0,005	FALSE
0,119	0,295	0,005	0,012	0,177	FALSE
-0,105	0,306	-0,003	0,010	0,125	FALSE
0,160	0,274	0,007	0,011	0,281	FALSE
-0,074	0,300	-0,004	0,013	0,117	FALSE
0,047	0,313	0,000	0,011	0,014	FALSE
-0,142	0,297	-0,003	0,007	0,184	FALSE
0,035	0,320	0,001	0,007	0,031	FALSE
0,084	0,299	0,002	0,011	0,085	FALSE
-0,004	0,323	-0,001	0,010	0,019	FALSE
0,136	0,311	0,005	0,013	0,175	FALSE
0,040	0,315	0,001	0,011	0,041	FALSE
0,007	0,306	0,001	0,012	0,027	FALSE
0,002	0,307	0,000	0,006	0,001	FALSE
-0,102	0,303	-0,003	0,011	0,112	FALSE
-0,023	0,301	-0,001	0,010	0,020	FALSE

-0,004	0,298	0,000	0,008	0,006	FALSE
-0,141	0,297	-0,004	0,009	0,184	FALSE
-0,074	0,293	-0,001	0,006	0,083	FALSE
-0,037	0,322	-0,001	0,010	0,053	FALSE
-0,017	0,295	0,000	0,007	0,013	FALSE
0,035	0,300	0,002	0,012	0,073	FALSE
-0,042	0,315	-0,001	0,007	0,049	FALSE
-0,046	0,313	-0,001	0,007	0,056	FALSE
0,063	0,313	0,002	0,007	0,093	FALSE
0,109	0,307	0,004	0,011	0,128	FALSE
0,104	0,309	0,003	0,007	0,170	FALSE
0,005	0,304	0,001	0,011	0,020	FALSE
0,135	0,303	0,006	0,012	0,218	FALSE
-0,016	0,311	0,000	0,006	0,005	FALSE
-0,082	0,294	-0,003	0,010	0,111	FALSE
0,030	0,314	0,002	0,011	0,065	FALSE
0,118	0,310	0,003	0,008	0,158	FALSE
0,009	0,308	0,000	0,010	0,004	FALSE
0,053	0,324	0,001	0,011	0,043	FALSE
0,019	0,313	-0,001	0,010	0,027	FALSE
-0,077	0,316	-0,001	0,007	0,076	FALSE
0,119	0,298	0,002	0,010	0,084	FALSE
-0,139	0,295	-0,005	0,012	0,166	FALSE
0,014	0,307	0,002	0,012	0,051	FALSE
0,076	0,292	0,004	0,011	0,136	FALSE
0,076	0,314	0,002	0,011	0,069	FALSE
0,014	0,297	0,000	0,006	0,006	FALSE
0,079	0,296	0,003	0,008	0,124	FALSE
0,088	0,308	0,003	0,013	0,096	FALSE
0,012	0,309	0,001	0,008	0,034	FALSE
0,071	0,304	0,001	0,006	0,069	FALSE
0,041	0,312	0,001	0,011	0,046	FALSE
0,169	0,310	0,005	0,009	0,204	FALSE
-0,100	0,311	-0,003	0,011	0,123	FALSE
-0,067	0,302	-0,002	0,010	0,066	FALSE
-0,118	0,299	-0,003	0,010	0,121	FALSE
-0,065	0,302	-0,004	0,013	0,108	FALSE
-0,051	0,308	-0,002	0,009	0,083	FALSE
0,135	0,301	0,006	0,012	0,215	FALSE
0,230	0,294	0,007	0,009	0,371	FALSE
0,129	0,312	0,003	0,007	0,180	FALSE
-0,004	0,305	0,000	0,013	0,013	FALSE
0,056	0,305	0,003	0,011	0,118	FALSE
-0,088	0,305	-0,003	0,007	0,157	FALSE
-0,209	0,298	-0,005	0,007	0,292	FALSE
0,083	0,304	0,002	0,008	0,079	FALSE
0,112	0,300	0,003	0,008	0,139	FALSE
-0,053	0,310	-0,001	0,009	0,060	FALSE
0,019	0,310	0,000	0,007	0,004	FALSE
-0,032	0,311	-0,001	0,007	0,046	FALSE
0,013	0,309	0,000	0,006	0,009	FALSE
-0,064	0,309	-0,002	0,009	0,067	FALSE
0,019	0,297	0,001	0,010	0,034	FALSE

-0,008	0,297	-0,001	0,012	0,027	FALSE
-0,048	0,298	-0,002	0,011	0,058	FALSE
-0,043	0,313	-0,002	0,012	0,071	FALSE
0,001	0,319	0,001	0,011	0,024	FALSE
0,010	0,307	0,001	0,011	0,034	FALSE
-0,007	0,301	0,000	0,009	0,002	FALSE
-0,067	0,286	-0,001	0,007	0,079	FALSE
-0,058	0,301	-0,002	0,009	0,076	FALSE
0,036	0,310	0,001	0,012	0,046	FALSE
0,062	0,308	0,002	0,008	0,087	FALSE
0,089	0,296	0,003	0,008	0,135	FALSE
0,084	0,307	0,003	0,008	0,119	FALSE
-0,005	0,305	0,000	0,010	0,006	FALSE
0,079	0,303	0,003	0,010	0,124	FALSE
0,010	0,306	0,001	0,010	0,039	FALSE
0,020	0,291	0,002	0,010	0,060	FALSE
0,012	0,296	0,001	0,010	0,048	FALSE
0,004	0,304	0,001	0,009	0,025	FALSE
0,015	0,304	0,001	0,010	0,052	FALSE
0,021	0,296	0,002	0,010	0,064	FALSE
0,034	0,308	0,001	0,006	0,044	FALSE
0,163	0,311	0,007	0,011	0,266	FALSE
-0,121	0,307	-0,003	0,007	0,145	FALSE
0,115	0,311	0,004	0,010	0,153	FALSE
-0,021	0,310	-0,001	0,011	0,040	FALSE
0,107	0,311	0,003	0,009	0,118	FALSE
0,119	0,311	0,003	0,009	0,121	FALSE
0,053	0,309	0,003	0,011	0,106	FALSE
-0,069	0,310	-0,002	0,007	0,078	FALSE
-0,026	0,302	0,000	0,008	0,022	FALSE
0,085	0,312	0,002	0,006	0,126	FALSE
-0,019	0,317	0,000	0,008	0,021	FALSE
0,038	0,314	0,000	0,007	0,019	FALSE
-0,007	0,310	0,000	0,007	0,011	FALSE
0,013	0,302	0,000	0,012	0,013	FALSE
-0,023	0,298	-0,001	0,012	0,024	FALSE
0,007	0,310	0,001	0,010	0,031	FALSE
-0,071	0,296	-0,001	0,007	0,052	FALSE
0,000	0,315	0,000	0,012	0,000	FALSE
-0,082	0,314	-0,003	0,009	0,132	FALSE
0,167	0,304	0,004	0,007	0,203	FALSE
0,140	0,310	0,005	0,011	0,184	FALSE
-0,135	0,290	-0,006	0,011	0,230	FALSE
0,119	0,298	0,003	0,010	0,132	FALSE
-0,129	0,299	-0,004	0,010	0,168	FALSE
0,018	0,310	0,000	0,008	0,019	FALSE
0,048	0,314	0,002	0,009	0,073	FALSE
0,039	0,306	0,001	0,007	0,039	FALSE
-0,008	0,302	0,000	0,009	0,007	FALSE
-0,098	0,298	-0,002	0,006	0,121	FALSE
-0,098	0,293	-0,002	0,006	0,121	FALSE
0,018	0,318	0,000	0,007	0,003	FALSE
-0,037	0,310	-0,002	0,012	0,057	FALSE

0,060	0,302	0,001	0,010	0,051	FALSE
-0,059	0,301	-0,001	0,010	0,048	FALSE
0,005	0,300	0,000	0,007	0,004	FALSE
-0,043	0,310	-0,001	0,010	0,023	FALSE
0,032	0,300	0,000	0,012	0,013	FALSE
0,023	0,301	0,000	0,007	0,001	FALSE
-0,041	0,309	-0,001	0,008	0,048	FALSE
0,058	0,300	0,002	0,007	0,122	FALSE
0,017	0,318	0,000	0,011	0,008	FALSE
-0,029	0,309	-0,001	0,009	0,049	FALSE
0,017	0,321	0,000	0,009	0,001	FALSE
-0,021	0,314	-0,001	0,008	0,041	FALSE
-0,071	0,302	-0,002	0,009	0,095	FALSE
-0,023	0,297	-0,001	0,007	0,035	FALSE
-0,033	0,302	-0,001	0,008	0,051	FALSE
0,101	0,300	0,004	0,011	0,164	FALSE
-0,053	0,319	-0,002	0,008	0,070	FALSE
-0,026	0,305	-0,002	0,009	0,070	FALSE
0,049	0,296	0,003	0,011	0,099	FALSE
-0,026	0,308	-0,002	0,012	0,058	FALSE
0,070	0,312	0,003	0,012	0,099	FALSE
0,032	0,308	0,001	0,006	0,060	FALSE
0,148	0,300	0,004	0,007	0,224	FALSE
0,035	0,313	0,000	0,007	0,014	FALSE
-0,084	0,302	-0,002	0,007	0,125	FALSE
-0,077	0,317	-0,002	0,008	0,097	FALSE
0,007	0,310	0,001	0,010	0,035	FALSE
0,016	0,302	0,000	0,007	0,001	FALSE
0,049	0,307	0,001	0,012	0,034	FALSE
-0,117	0,308	-0,003	0,008	0,168	FALSE
-0,062	0,294	-0,002	0,011	0,080	FALSE
-0,039	0,313	-0,002	0,011	0,060	FALSE
-0,022	0,309	-0,001	0,011	0,043	FALSE
-0,066	0,304	-0,002	0,011	0,083	FALSE
-0,095	0,305	-0,003	0,009	0,133	FALSE
-0,023	0,312	-0,001	0,013	0,037	FALSE
-0,029	0,305	-0,002	0,013	0,051	FALSE
-0,065	0,303	-0,001	0,011	0,042	FALSE
0,177	0,293	0,007	0,013	0,250	FALSE
0,176	0,297	0,007	0,013	0,239	FALSE
-0,028	0,312	-0,002	0,012	0,060	FALSE
0,078	0,309	0,002	0,010	0,089	FALSE
-0,013	0,315	0,000	0,009	0,012	FALSE
-0,022	0,318	-0,001	0,009	0,030	FALSE
-0,002	0,305	0,000	0,011	0,011	FALSE
0,056	0,297	0,001	0,011	0,035	FALSE
-0,116	0,313	-0,004	0,011	0,147	FALSE
-0,076	0,304	-0,002	0,006	0,118	FALSE
-0,023	0,298	-0,001	0,008	0,027	FALSE
-0,049	0,298	-0,001	0,008	0,057	FALSE
-0,012	0,308	0,000	0,008	0,006	FALSE
0,065	0,320	0,003	0,010	0,131	FALSE
0,074	0,301	0,003	0,009	0,140	FALSE

0,035	0,306	0,001	0,010	0,027	FALSE
0,063	0,309	0,002	0,009	0,086	FALSE
0,098	0,308	0,003	0,007	0,138	FALSE
-0,057	0,318	-0,002	0,012	0,072	FALSE
0,036	0,314	0,000	0,008	0,004	FALSE
0,207	0,294	0,009	0,012	0,311	FALSE
-0,083	0,321	-0,004	0,013	0,109	FALSE
0,108	0,308	0,003	0,010	0,125	FALSE
0,102	0,293	0,003	0,010	0,130	FALSE
0,100	0,300	0,003	0,008	0,151	FALSE
0,079	0,309	0,003	0,008	0,125	FALSE
-0,008	0,310	0,000	0,008	0,010	FALSE
0,059	0,307	0,003	0,012	0,081	FALSE
0,044	0,301	0,001	0,009	0,054	FALSE
-0,058	0,324	-0,002	0,013	0,057	FALSE
-0,069	0,299	-0,002	0,007	0,099	FALSE
-0,059	0,303	-0,001	0,007	0,046	FALSE
0,071	0,310	0,002	0,010	0,075	FALSE
-0,005	0,305	-0,001	0,013	0,022	FALSE
0,022	0,299	0,000	0,013	0,006	FALSE
0,088	0,298	0,003	0,013	0,080	FALSE
-0,166	0,300	-0,003	0,006	0,218	FALSE
0,047	0,292	0,000	0,008	0,012	FALSE
0,071	0,288	0,003	0,012	0,090	FALSE
-0,022	0,295	-0,001	0,012	0,017	FALSE
-0,061	0,299	-0,002	0,010	0,075	FALSE
-0,036	0,311	-0,002	0,011	0,073	FALSE
-0,025	0,305	-0,001	0,008	0,027	FALSE
0,003	0,302	0,001	0,012	0,030	FALSE
-0,024	0,306	-0,001	0,009	0,045	FALSE
0,083	0,302	0,003	0,011	0,114	FALSE
0,021	0,312	0,000	0,012	0,012	FALSE
0,070	0,313	0,004	0,013	0,117	FALSE
0,033	0,317	0,002	0,012	0,044	FALSE
0,044	0,306	0,002	0,010	0,074	FALSE
-0,031	0,312	-0,001	0,009	0,049	FALSE
0,001	0,304	0,001	0,007	0,032	FALSE
0,033	0,313	0,001	0,008	0,041	FALSE
-0,010	0,314	-0,001	0,010	0,021	FALSE
0,046	0,315	0,002	0,008	0,085	FALSE
0,000	0,307	0,000	0,012	0,006	FALSE
-0,089	0,329	-0,002	0,007	0,080	FALSE
-0,097	0,307	-0,004	0,012	0,135	FALSE
-0,099	0,293	-0,004	0,012	0,135	FALSE
0,067	0,313	0,003	0,011	0,097	FALSE
0,025	0,305	0,001	0,012	0,029	FALSE
-0,008	0,306	-0,001	0,009	0,026	FALSE
-0,017	0,299	0,000	0,006	0,014	FALSE
-0,045	0,318	-0,001	0,008	0,034	FALSE
-0,039	0,302	-0,001	0,006	0,030	FALSE
-0,088	0,288	-0,002	0,006	0,121	FALSE
-0,075	0,314	-0,004	0,013	0,125	FALSE
0,189	0,290	0,004	0,007	0,283	FALSE

-0,090	0,315	-0,002	0,007	0,088	FALSE
0,016	0,301	0,000	0,007	0,019	FALSE
0,014	0,310	0,001	0,008	0,039	FALSE
0,049	0,295	0,001	0,008	0,062	FALSE
-0,048	0,307	-0,002	0,012	0,050	FALSE
0,061	0,310	0,002	0,011	0,073	FALSE
-0,069	0,305	-0,001	0,008	0,061	FALSE
-0,036	0,316	-0,002	0,013	0,043	FALSE
-0,039	0,307	-0,001	0,010	0,055	FALSE
-0,060	0,292	-0,002	0,009	0,091	FALSE
0,222	0,293	0,005	0,007	0,362	FALSE
-0,024	0,310	0,000	0,012	0,008	FALSE
0,121	0,313	0,003	0,006	0,174	FALSE
0,105	0,309	0,002	0,006	0,141	FALSE
-0,130	0,298	-0,006	0,013	0,196	FALSE
0,182	0,291	0,006	0,009	0,285	FALSE
0,012	0,298	0,001	0,010	0,027	FALSE
-0,003	0,310	0,001	0,011	0,028	FALSE
0,006	0,319	0,000	0,011	0,014	FALSE
0,005	0,311	0,000	0,007	0,015	FALSE
-0,063	0,310	-0,002	0,009	0,097	FALSE
-0,046	0,312	-0,001	0,012	0,044	FALSE
-0,022	0,318	-0,001	0,010	0,036	FALSE
-0,014	0,315	0,000	0,007	0,011	FALSE
0,056	0,323	0,001	0,009	0,040	FALSE
-0,052	0,309	-0,001	0,007	0,052	FALSE
-0,056	0,283	-0,002	0,007	0,094	FALSE
-0,099	0,314	-0,002	0,008	0,117	FALSE
0,055	0,295	0,002	0,008	0,096	FALSE
-0,013	0,318	-0,001	0,008	0,024	FALSE
0,036	0,306	0,001	0,011	0,024	FALSE
-0,033	0,301	-0,001	0,011	0,028	FALSE
0,043	0,310	0,001	0,006	0,046	FALSE
-0,028	0,306	-0,001	0,007	0,042	FALSE
-0,060	0,320	-0,003	0,011	0,102	FALSE
0,102	0,296	0,003	0,009	0,152	FALSE
0,094	0,303	0,002	0,009	0,094	FALSE
-0,116	0,296	-0,004	0,010	0,166	FALSE
-0,024	0,327	-0,001	0,011	0,028	FALSE
0,088	0,301	0,003	0,011	0,109	FALSE
-0,020	0,284	0,000	0,011	0,009	FALSE
0,087	0,306	0,004	0,012	0,129	FALSE
0,008	0,307	0,000	0,010	0,008	FALSE
0,114	0,312	0,003	0,010	0,137	FALSE
0,034	0,319	0,001	0,010	0,042	FALSE
0,071	0,299	0,003	0,010	0,102	FALSE
-0,063	0,310	-0,002	0,010	0,092	FALSE
-0,091	0,300	-0,002	0,006	0,137	FALSE
-0,026	0,296	0,000	0,007	0,006	FALSE
0,127	0,305	0,003	0,006	0,160	FALSE
0,006	0,302	-0,001	0,008	0,027	FALSE
0,151	0,294	0,003	0,007	0,181	FALSE
0,119	0,295	0,002	0,006	0,142	FALSE

0,019	0,307	0,000	0,006	0,004	FALSE
0,104	0,311	0,004	0,012	0,139	FALSE
0,018	0,313	0,001	0,012	0,036	FALSE
0,009	0,302	-0,001	0,012	0,021	FALSE
0,093	0,311	0,002	0,008	0,101	FALSE
-0,050	0,315	-0,001	0,008	0,023	FALSE
0,023	0,296	0,001	0,006	0,033	FALSE
0,035	0,299	0,001	0,010	0,052	FALSE
0,057	0,301	0,003	0,012	0,080	FALSE
0,062	0,294	0,003	0,012	0,086	FALSE
0,078	0,294	0,003	0,012	0,106	FALSE
-0,064	0,296	-0,003	0,010	0,101	FALSE
0,004	0,301	0,000	0,008	0,006	FALSE
0,019	0,300	0,001	0,012	0,039	FALSE
-0,010	0,296	0,000	0,008	0,005	FALSE
0,059	0,308	0,002	0,007	0,078	FALSE
-0,102	0,303	-0,004	0,012	0,122	FALSE
0,010	0,298	0,000	0,007	0,001	FALSE
0,069	0,300	0,002	0,007	0,112	FALSE
-0,129	0,299	-0,005	0,010	0,200	FALSE
0,060	0,301	0,003	0,009	0,120	FALSE
-0,106	0,297	-0,004	0,010	0,166	FALSE
-0,089	0,312	-0,004	0,013	0,120	FALSE
-0,015	0,318	-0,001	0,013	0,027	FALSE
0,032	0,320	0,002	0,009	0,080	FALSE
0,010	0,309	0,000	0,011	0,012	FALSE
-0,133	0,309	-0,003	0,007	0,173	FALSE
-0,208	0,312	-0,009	0,013	0,293	FALSE
-0,038	0,321	-0,001	0,007	0,060	FALSE
-0,015	0,305	0,000	0,009	0,011	FALSE
0,129	0,315	0,004	0,010	0,175	FALSE
0,022	0,298	0,001	0,008	0,050	FALSE
-0,023	0,309	-0,001	0,007	0,049	FALSE
-0,081	0,310	-0,003	0,012	0,101	FALSE
0,026	0,312	0,000	0,008	0,016	FALSE
-0,064	0,318	-0,001	0,007	0,059	FALSE
0,020	0,320	0,001	0,008	0,038	FALSE
0,012	0,311	0,001	0,009	0,024	FALSE
0,027	0,292	0,000	0,008	0,005	FALSE
0,040	0,310	0,001	0,009	0,025	FALSE
-0,061	0,308	-0,002	0,006	0,088	FALSE
-0,001	0,310	0,000	0,008	0,001	FALSE
-0,114	0,318	-0,002	0,007	0,124	FALSE
-0,108	0,320	-0,004	0,011	0,147	FALSE
-0,011	0,315	0,000	0,007	0,018	FALSE
0,042	0,318	0,001	0,007	0,043	FALSE
0,002	0,299	0,001	0,009	0,021	FALSE
-0,072	0,318	-0,002	0,013	0,071	FALSE
-0,027	0,294	0,000	0,008	0,018	FALSE
0,079	0,294	0,003	0,009	0,127	FALSE
0,051	0,315	0,001	0,007	0,068	FALSE
0,005	0,304	0,000	0,012	0,006	FALSE
0,006	0,298	0,000	0,013	0,001	FALSE

0,005	0,306	0,000	0,008	0,021	FALSE
0,064	0,294	0,002	0,009	0,076	FALSE
-0,051	0,317	-0,001	0,009	0,063	FALSE
0,110	0,304	0,005	0,012	0,158	FALSE
0,138	0,302	0,004	0,008	0,214	FALSE
0,047	0,311	0,002	0,012	0,076	FALSE
0,005	0,296	0,000	0,008	0,003	FALSE
0,119	0,312	0,003	0,010	0,111	FALSE
0,124	0,289	0,004	0,011	0,143	FALSE
0,055	0,296	0,003	0,012	0,079	FALSE
-0,049	0,301	-0,003	0,012	0,079	FALSE
-0,117	0,298	-0,004	0,009	0,186	FALSE
0,051	0,299	0,001	0,008	0,043	FALSE
0,029	0,295	0,001	0,008	0,041	FALSE
0,036	0,300	0,000	0,008	0,004	FALSE
0,027	0,311	0,000	0,007	0,008	FALSE
-0,009	0,316	-0,001	0,007	0,051	FALSE
-0,009	0,321	0,000	0,008	0,002	FALSE
0,024	0,299	0,000	0,007	0,000	FALSE
-0,044	0,311	-0,001	0,008	0,067	FALSE
-0,067	0,312	-0,002	0,008	0,101	FALSE
0,061	0,316	0,002	0,013	0,071	FALSE
0,081	0,306	0,003	0,012	0,097	FALSE
-0,019	0,297	-0,001	0,012	0,017	FALSE
-0,034	0,306	0,000	0,007	0,012	FALSE
-0,038	0,308	-0,001	0,012	0,039	FALSE
0,029	0,318	0,001	0,007	0,033	FALSE
-0,018	0,321	-0,001	0,009	0,025	FALSE
0,117	0,306	0,003	0,008	0,175	FALSE
0,068	0,312	0,002	0,010	0,086	FALSE
-0,058	0,307	-0,003	0,011	0,085	FALSE
0,092	0,320	0,001	0,007	0,075	FALSE
0,083	0,325	0,003	0,014	0,083	FALSE
-0,035	0,313	-0,001	0,013	0,018	FALSE
-0,094	0,299	-0,002	0,007	0,106	FALSE
-0,101	0,318	-0,002	0,007	0,137	FALSE
-0,063	0,309	-0,001	0,008	0,059	FALSE
-0,027	0,319	-0,001	0,007	0,056	FALSE
0,025	0,308	0,001	0,010	0,031	FALSE
0,032	0,300	0,001	0,009	0,057	FALSE
-0,016	0,303	0,000	0,008	0,014	FALSE
-0,052	0,303	-0,001	0,007	0,081	FALSE
0,066	0,309	0,003	0,012	0,102	FALSE
-0,058	0,307	-0,002	0,010	0,066	FALSE
0,031	0,293	0,002	0,010	0,074	FALSE
0,163	0,294	0,004	0,007	0,248	FALSE
0,004	0,312	0,001	0,011	0,031	FALSE
0,032	0,310	0,001	0,011	0,027	FALSE
0,023	0,317	0,000	0,011	0,013	FALSE
-0,089	0,314	-0,003	0,012	0,098	FALSE
-0,092	0,302	-0,003	0,011	0,114	FALSE
-0,003	0,284	0,000	0,007	0,010	FALSE
-0,121	0,310	-0,004	0,008	0,188	FALSE

0,006	0,321	0,000	0,009	0,010	FALSE
-0,044	0,302	-0,001	0,006	0,059	FALSE
-0,078	0,306	-0,002	0,008	0,090	FALSE
0,015	0,308	0,000	0,008	0,009	FALSE
-0,005	0,310	0,000	0,008	0,023	FALSE
0,010	0,309	0,000	0,010	0,000	FALSE
0,035	0,310	0,001	0,009	0,058	FALSE
0,028	0,290	0,001	0,013	0,025	FALSE
-0,003	0,302	-0,001	0,011	0,021	FALSE
-0,048	0,314	-0,001	0,008	0,059	FALSE
0,223	0,297	0,005	0,006	0,354	FALSE
-0,112	0,313	-0,002	0,006	0,142	FALSE
0,000	0,308	-0,001	0,012	0,037	FALSE
-0,025	0,298	-0,002	0,012	0,059	FALSE
-0,081	0,306	-0,003	0,010	0,113	FALSE
0,023	0,307	0,001	0,009	0,020	FALSE
0,002	0,293	-0,001	0,007	0,029	FALSE
0,100	0,313	0,005	0,012	0,148	FALSE
0,072	0,307	0,003	0,009	0,143	FALSE
0,059	0,302	0,002	0,008	0,079	FALSE
-0,015	0,313	0,000	0,011	0,016	FALSE
0,014	0,291	0,001	0,006	0,032	FALSE
0,028	0,312	0,001	0,010	0,032	FALSE
-0,020	0,304	-0,001	0,011	0,041	FALSE
-0,013	0,309	-0,001	0,012	0,027	FALSE
0,011	0,299	0,001	0,008	0,029	FALSE
-0,065	0,304	-0,002	0,007	0,103	FALSE
0,135	0,306	0,005	0,012	0,177	FALSE
-0,120	0,306	-0,005	0,013	0,157	FALSE
-0,048	0,300	-0,001	0,009	0,055	FALSE
0,045	0,287	0,001	0,007	0,069	FALSE
-0,086	0,300	-0,002	0,008	0,115	FALSE
0,131	0,320	0,005	0,011	0,169	FALSE
0,021	0,305	0,001	0,008	0,028	FALSE
-0,035	0,307	0,000	0,007	0,015	FALSE
-0,037	0,307	-0,002	0,012	0,056	FALSE
-0,039	0,320	-0,002	0,011	0,063	FALSE
-0,092	0,303	-0,004	0,011	0,142	FALSE
-0,057	0,305	-0,003	0,012	0,085	FALSE
-0,072	0,308	-0,003	0,012	0,106	FALSE
-0,058	0,306	-0,002	0,007	0,108	FALSE
0,049	0,310	0,001	0,009	0,036	FALSE
-0,023	0,308	-0,001	0,007	0,042	FALSE
-0,052	0,295	-0,002	0,009	0,084	FALSE
0,064	0,305	0,002	0,009	0,066	FALSE
0,082	0,299	0,002	0,009	0,083	FALSE
0,122	0,295	0,003	0,008	0,149	FALSE
-0,113	0,309	-0,004	0,012	0,139	FALSE
-0,089	0,310	-0,002	0,007	0,097	FALSE
0,096	0,301	0,002	0,008	0,126	FALSE
0,101	0,304	0,005	0,013	0,143	FALSE
-0,076	0,286	-0,002	0,007	0,092	FALSE
0,062	0,295	0,003	0,013	0,083	FALSE

0,073	0,306	0,002	0,009	0,073	FALSE
-0,081	0,317	-0,002	0,011	0,080	FALSE
-0,138	0,310	-0,004	0,009	0,165	FALSE
-0,064	0,323	-0,003	0,013	0,073	FALSE
-0,089	0,303	-0,002	0,008	0,091	FALSE
-0,087	0,292	-0,003	0,010	0,099	FALSE
-0,069	0,306	-0,003	0,008	0,125	FALSE
0,029	0,317	0,001	0,012	0,026	FALSE
-0,061	0,306	-0,003	0,011	0,086	FALSE
0,003	0,304	0,000	0,011	0,016	FALSE
-0,153	0,301	-0,004	0,008	0,202	FALSE
-0,083	0,314	-0,002	0,007	0,104	FALSE
0,020	0,305	0,001	0,012	0,037	FALSE
0,029	0,315	0,000	0,007	0,018	FALSE
0,038	0,299	0,000	0,006	0,021	FALSE
-0,127	0,308	-0,003	0,008	0,146	FALSE
-0,103	0,310	-0,003	0,007	0,139	FALSE
-0,101	0,303	-0,002	0,007	0,136	FALSE
-0,084	0,316	-0,002	0,007	0,112	FALSE
-0,110	0,312	-0,003	0,007	0,150	FALSE
0,058	0,322	0,001	0,007	0,051	FALSE
-0,056	0,302	-0,002	0,013	0,066	FALSE
0,134	0,298	0,003	0,007	0,162	FALSE
-0,033	0,307	-0,001	0,008	0,051	FALSE
0,104	0,316	0,004	0,011	0,141	FALSE
-0,140	0,301	-0,004	0,008	0,202	FALSE
-0,083	0,304	-0,002	0,007	0,125	FALSE
-0,029	0,307	-0,001	0,006	0,064	FALSE
-0,024	0,297	-0,001	0,010	0,022	FALSE
0,005	0,299	-0,001	0,011	0,021	FALSE
0,029	0,309	0,000	0,012	0,010	FALSE
0,005	0,304	-0,001	0,011	0,024	FALSE
0,076	0,295	0,002	0,006	0,154	FALSE
-0,032	0,291	0,000	0,006	0,017	FALSE
-0,109	0,311	-0,004	0,012	0,140	FALSE
-0,095	0,322	-0,004	0,013	0,103	FALSE
0,040	0,307	0,001	0,009	0,025	FALSE
-0,052	0,316	-0,001	0,011	0,048	FALSE
0,132	0,297	0,004	0,009	0,173	FALSE
-0,065	0,293	-0,002	0,009	0,082	FALSE
-0,104	0,324	-0,004	0,010	0,146	FALSE
-0,104	0,309	-0,004	0,010	0,158	FALSE
0,074	0,309	0,003	0,012	0,084	FALSE
0,076	0,305	0,002	0,008	0,116	FALSE
0,035	0,305	0,001	0,008	0,059	FALSE
-0,026	0,319	-0,001	0,012	0,039	FALSE
0,105	0,306	0,004	0,012	0,148	FALSE
0,067	0,316	0,002	0,011	0,077	FALSE
-0,057	0,305	-0,001	0,009	0,059	FALSE
0,093	0,301	0,002	0,006	0,112	FALSE
0,049	0,311	0,002	0,012	0,075	FALSE
-0,027	0,310	0,000	0,007	0,023	FALSE
0,104	0,301	0,004	0,010	0,166	FALSE

-0,045	0,304	-0,001	0,009	0,059	FALSE
0,000	0,308	0,001	0,012	0,015	FALSE
-0,055	0,302	-0,001	0,011	0,034	FALSE
-0,015	0,305	0,000	0,006	0,015	FALSE
0,037	0,318	0,001	0,008	0,056	FALSE
0,044	0,313	0,002	0,008	0,075	FALSE
-0,049	0,308	-0,001	0,008	0,034	FALSE
-0,154	0,307	-0,005	0,009	0,248	FALSE
0,007	0,323	0,000	0,013	0,005	FALSE
0,027	0,306	0,000	0,007	0,024	FALSE
-0,118	0,288	-0,004	0,011	0,154	FALSE
0,049	0,304	0,002	0,011	0,061	FALSE
0,053	0,296	0,002	0,010	0,057	FALSE
-0,108	0,304	-0,003	0,007	0,155	FALSE
-0,045	0,314	-0,002	0,010	0,066	FALSE
-0,034	0,311	-0,001	0,009	0,046	FALSE
0,094	0,309	0,004	0,013	0,116	FALSE
-0,085	0,303	-0,003	0,011	0,090	FALSE
-0,078	0,310	-0,002	0,006	0,100	FALSE
0,007	0,311	0,000	0,007	0,025	FALSE
-0,070	0,298	-0,002	0,008	0,112	FALSE
-0,031	0,302	-0,001	0,007	0,032	FALSE
-0,128	0,308	-0,003	0,007	0,168	FALSE
0,152	0,306	0,005	0,010	0,197	FALSE
0,089	0,320	0,001	0,007	0,078	FALSE
-0,039	0,309	-0,001	0,011	0,029	FALSE
0,046	0,314	0,001	0,013	0,023	FALSE
0,219	0,303	0,007	0,010	0,325	FALSE
-0,075	0,316	-0,002	0,010	0,083	FALSE
-0,033	0,300	-0,001	0,011	0,031	FALSE
-0,047	0,300	-0,001	0,012	0,036	FALSE
-0,043	0,299	-0,001	0,012	0,028	FALSE
0,117	0,292	0,005	0,011	0,161	FALSE
-0,008	0,323	0,000	0,012	0,001	FALSE
-0,020	0,302	0,000	0,012	0,007	FALSE
0,052	0,300	0,002	0,010	0,082	FALSE
0,054	0,308	0,001	0,007	0,035	FALSE
0,026	0,302	0,002	0,010	0,070	FALSE
0,021	0,300	0,001	0,007	0,032	FALSE
0,003	0,299	-0,001	0,010	0,023	FALSE
0,065	0,309	0,003	0,011	0,103	FALSE
0,122	0,307	0,006	0,013	0,180	FALSE
-0,041	0,314	-0,002	0,012	0,054	FALSE
-0,012	0,309	0,000	0,007	0,019	FALSE
-0,142	0,298	-0,007	0,012	0,237	FALSE
-0,102	0,322	-0,002	0,008	0,113	FALSE
-0,074	0,295	-0,002	0,012	0,075	FALSE
-0,098	0,298	-0,003	0,011	0,113	FALSE
0,018	0,300	0,000	0,006	0,006	FALSE
-0,006	0,294	0,000	0,007	0,024	FALSE
-0,094	0,315	-0,002	0,006	0,125	FALSE
-0,131	0,312	-0,004	0,011	0,134	FALSE
0,061	0,313	0,002	0,009	0,082	FALSE

-0,203	0,303	-0,004	0,007	0,273	FALSE
0,113	0,316	0,004	0,012	0,146	FALSE
-0,197	0,307	-0,004	0,007	0,268	FALSE
-0,108	0,312	-0,004	0,011	0,130	FALSE
-0,101	0,302	-0,002	0,006	0,131	FALSE
-0,109	0,310	-0,003	0,008	0,123	FALSE
-0,099	0,299	-0,002	0,007	0,132	FALSE
-0,021	0,304	0,000	0,011	0,007	FALSE
-0,086	0,315	-0,002	0,010	0,097	FALSE
-0,034	0,311	-0,003	0,013	0,085	FALSE
0,063	0,303	0,001	0,008	0,065	FALSE
0,065	0,301	0,002	0,008	0,081	FALSE
0,007	0,313	0,000	0,010	0,007	FALSE
0,020	0,310	0,001	0,012	0,032	FALSE
-0,037	0,303	-0,002	0,012	0,064	FALSE
0,036	0,299	0,000	0,007	0,014	FALSE
0,004	0,313	0,000	0,007	0,000	FALSE
-0,171	0,306	-0,008	0,013	0,259	FALSE
-0,098	0,304	-0,003	0,010	0,125	FALSE
0,090	0,315	0,001	0,007	0,082	FALSE
-0,065	0,305	-0,001	0,010	0,053	FALSE
-0,065	0,305	-0,001	0,010	0,051	FALSE
0,025	0,310	0,000	0,009	0,016	FALSE
0,015	0,305	0,001	0,010	0,052	FALSE
0,014	0,306	0,002	0,012	0,047	FALSE
0,080	0,309	0,002	0,010	0,091	FALSE
0,075	0,309	0,002	0,008	0,077	FALSE
-0,080	0,299	-0,002	0,008	0,075	FALSE
0,034	0,301	0,001	0,011	0,031	FALSE
-0,125	0,299	-0,004	0,011	0,169	FALSE
0,023	0,299	0,001	0,009	0,019	FALSE
0,026	0,299	0,000	0,006	0,028	FALSE
-0,068	0,310	-0,002	0,009	0,064	FALSE
0,120	0,314	0,003	0,008	0,152	FALSE
0,000	0,309	0,000	0,010	0,006	FALSE
-0,066	0,318	-0,002	0,008	0,088	FALSE
-0,068	0,296	-0,002	0,009	0,090	FALSE
0,073	0,305	0,003	0,012	0,099	FALSE
-0,027	0,307	-0,001	0,013	0,022	FALSE
-0,028	0,303	-0,001	0,013	0,033	FALSE
-0,079	0,305	-0,003	0,009	0,105	FALSE
0,002	0,305	-0,001	0,011	0,022	FALSE
0,060	0,297	0,002	0,010	0,061	FALSE
0,044	0,308	0,001	0,010	0,043	FALSE
-0,057	0,294	-0,001	0,011	0,051	FALSE
0,006	0,312	0,001	0,013	0,020	FALSE
-0,041	0,311	-0,001	0,009	0,052	FALSE
0,147	0,296	0,004	0,008	0,251	FALSE
0,018	0,309	0,001	0,009	0,042	FALSE
-0,053	0,308	-0,002	0,010	0,071	FALSE
-0,076	0,314	-0,003	0,011	0,106	FALSE
0,009	0,295	0,000	0,007	0,019	FALSE
-0,060	0,312	-0,001	0,011	0,047	FALSE

0,039	0,311	0,001	0,006	0,047	FALSE
0,018	0,313	0,001	0,006	0,035	FALSE
0,173	0,310	0,005	0,009	0,245	FALSE
0,177	0,308	0,005	0,008	0,282	FALSE
0,032	0,315	0,001	0,013	0,021	FALSE
0,023	0,309	0,002	0,012	0,051	FALSE
0,049	0,305	0,002	0,012	0,045	FALSE
0,110	0,315	0,003	0,009	0,150	FALSE
0,088	0,310	0,002	0,008	0,098	FALSE
0,059	0,322	0,001	0,008	0,059	FALSE
-0,009	0,311	-0,002	0,010	0,057	FALSE
0,085	0,303	0,003	0,009	0,117	FALSE
-0,139	0,307	-0,006	0,012	0,227	FALSE
-0,025	0,317	-0,001	0,008	0,030	FALSE
0,073	0,306	0,003	0,012	0,084	FALSE
-0,055	0,301	-0,001	0,010	0,053	FALSE
-0,026	0,309	0,000	0,013	0,001	FALSE
-0,034	0,289	-0,001	0,009	0,021	FALSE
0,073	0,303	0,002	0,009	0,079	FALSE
-0,085	0,303	-0,002	0,008	0,088	FALSE
0,109	0,301	0,004	0,012	0,143	FALSE
-0,003	0,311	0,000	0,011	0,006	FALSE
-0,064	0,300	-0,002	0,009	0,065	FALSE
0,018	0,307	0,000	0,009	0,003	FALSE
0,005	0,306	0,000	0,008	0,006	FALSE
-0,109	0,297	-0,005	0,012	0,155	FALSE
0,019	0,301	0,001	0,011	0,029	FALSE
-0,068	0,301	-0,003	0,012	0,108	FALSE
0,176	0,293	0,006	0,011	0,224	FALSE
-0,130	0,315	-0,004	0,009	0,180	FALSE
0,052	0,315	0,002	0,008	0,079	FALSE
-0,008	0,306	-0,001	0,012	0,033	FALSE
0,191	0,287	0,007	0,010	0,326	FALSE
-0,084	0,308	-0,002	0,009	0,102	FALSE
-0,061	0,306	-0,002	0,009	0,066	FALSE
-0,075	0,310	-0,002	0,008	0,071	FALSE
-0,081	0,298	-0,002	0,008	0,103	FALSE
-0,012	0,321	-0,001	0,012	0,027	FALSE
0,072	0,296	0,001	0,009	0,045	FALSE
0,094	0,303	0,002	0,010	0,099	FALSE
0,007	0,309	0,001	0,013	0,035	FALSE
-0,088	0,310	-0,002	0,009	0,089	FALSE
-0,097	0,320	-0,003	0,010	0,118	FALSE
0,112	0,306	0,003	0,009	0,114	FALSE
-0,122	0,307	-0,004	0,008	0,196	FALSE
-0,023	0,299	-0,001	0,010	0,040	FALSE
0,091	0,312	0,004	0,013	0,127	FALSE
0,026	0,307	0,001	0,011	0,020	FALSE
0,050	0,333	0,001	0,011	0,046	FALSE
-0,054	0,303	-0,001	0,007	0,058	FALSE
-0,039	0,314	-0,001	0,009	0,053	FALSE
-0,017	0,305	0,000	0,008	0,006	FALSE
0,121	0,311	0,002	0,006	0,106	FALSE

-0,055	0,302	-0,002	0,012	0,048	FALSE
0,049	0,311	0,002	0,012	0,077	FALSE
-0,161	0,306	-0,003	0,007	0,217	FALSE
-0,137	0,290	-0,003	0,006	0,209	FALSE
-0,144	0,286	-0,003	0,006	0,214	FALSE
0,120	0,297	0,003	0,006	0,193	FALSE
0,005	0,305	0,000	0,007	0,013	FALSE
0,016	0,314	0,000	0,008	0,007	FALSE
0,061	0,301	0,003	0,012	0,097	FALSE
-0,087	0,309	-0,003	0,011	0,117	FALSE
0,068	0,309	0,002	0,012	0,074	FALSE
0,104	0,304	0,003	0,007	0,163	FALSE
-0,044	0,301	-0,002	0,012	0,066	FALSE
0,042	0,311	0,002	0,007	0,087	FALSE
0,117	0,295	0,003	0,010	0,130	FALSE
0,084	0,302	0,002	0,013	0,058	FALSE
-0,097	0,315	-0,002	0,007	0,118	FALSE
0,018	0,297	0,001	0,009	0,036	FALSE
-0,025	0,300	-0,001	0,008	0,034	FALSE
-0,025	0,297	-0,001	0,008	0,038	FALSE
-0,051	0,313	-0,002	0,011	0,062	FALSE
-0,060	0,324	-0,002	0,012	0,077	FALSE
-0,019	0,303	-0,001	0,008	0,035	FALSE
0,081	0,300	0,002	0,012	0,077	FALSE
0,023	0,287	0,001	0,006	0,033	FALSE
-0,126	0,294	-0,003	0,008	0,176	FALSE
-0,075	0,305	-0,002	0,007	0,098	FALSE
-0,011	0,294	0,000	0,007	0,012	FALSE
0,024	0,296	0,001	0,007	0,042	FALSE
0,017	0,298	0,001	0,011	0,022	FALSE
0,066	0,311	0,001	0,008	0,054	FALSE
0,077	0,299	0,001	0,008	0,067	FALSE
-0,095	0,306	-0,003	0,011	0,116	FALSE
0,010	0,301	0,000	0,011	0,005	FALSE
-0,021	0,304	-0,001	0,010	0,027	FALSE
0,073	0,309	0,002	0,007	0,092	FALSE
-0,010	0,310	0,000	0,006	0,002	FALSE
0,063	0,311	0,003	0,011	0,107	FALSE
0,020	0,323	0,000	0,007	0,011	FALSE
0,050	0,307	0,003	0,011	0,089	FALSE
-0,040	0,304	-0,003	0,011	0,095	FALSE
0,124	0,310	0,004	0,008	0,190	FALSE
0,107	0,297	0,003	0,007	0,146	FALSE
0,043	0,313	0,003	0,011	0,089	FALSE
0,004	0,312	0,001	0,013	0,017	FALSE
-0,099	0,299	-0,002	0,009	0,106	FALSE
0,029	0,305	0,001	0,011	0,043	FALSE
-0,010	0,305	0,000	0,011	0,003	FALSE
-0,018	0,298	0,000	0,008	0,019	FALSE
-0,029	0,317	-0,001	0,007	0,042	FALSE
-0,114	0,298	-0,002	0,006	0,144	FALSE
-0,003	0,300	0,001	0,009	0,021	FALSE
-0,078	0,294	-0,002	0,010	0,074	FALSE

0,034	0,300	0,000	0,007	0,006	FALSE
0,094	0,307	0,003	0,009	0,128	FALSE
-0,067	0,298	-0,003	0,012	0,089	FALSE
-0,017	0,312	-0,001	0,009	0,030	FALSE
0,159	0,301	0,005	0,010	0,238	FALSE
0,153	0,307	0,005	0,009	0,222	FALSE
0,084	0,309	0,003	0,013	0,097	FALSE
-0,092	0,318	-0,002	0,008	0,119	FALSE
0,029	0,305	0,000	0,012	0,004	FALSE
0,024	0,289	0,002	0,007	0,089	FALSE
0,023	0,322	0,001	0,009	0,056	FALSE
0,101	0,300	0,004	0,012	0,128	FALSE
-0,055	0,305	-0,002	0,008	0,096	FALSE
-0,203	0,306	-0,006	0,010	0,290	FALSE
0,079	0,312	0,003	0,009	0,126	FALSE
0,008	0,311	0,001	0,007	0,029	FALSE
-0,081	0,321	-0,002	0,011	0,084	FALSE
0,066	0,314	0,002	0,008	0,099	FALSE
-0,072	0,296	-0,002	0,011	0,065	FALSE
-0,070	0,323	-0,001	0,007	0,078	FALSE
0,057	0,306	0,002	0,012	0,073	FALSE
0,027	0,303	0,001	0,007	0,063	FALSE
-0,131	0,301	-0,004	0,010	0,165	FALSE
-0,067	0,307	-0,002	0,009	0,085	FALSE
0,027	0,306	0,001	0,011	0,039	FALSE
-0,055	0,326	-0,001	0,007	0,049	FALSE
-0,109	0,317	-0,002	0,007	0,124	FALSE
-0,055	0,302	-0,003	0,012	0,103	FALSE
-0,010	0,297	-0,002	0,012	0,049	FALSE
0,098	0,289	0,002	0,006	0,156	FALSE
-0,113	0,313	-0,003	0,008	0,146	FALSE
-0,125	0,310	-0,002	0,006	0,142	FALSE
-0,155	0,304	-0,006	0,012	0,234	FALSE
-0,087	0,308	-0,003	0,011	0,121	FALSE
-0,091	0,297	-0,003	0,010	0,117	FALSE
-0,007	0,307	0,001	0,010	0,019	FALSE
0,068	0,307	0,001	0,008	0,066	FALSE
-0,039	0,301	-0,001	0,007	0,068	FALSE
0,005	0,316	0,000	0,007	0,015	FALSE
0,024	0,310	0,001	0,007	0,025	FALSE
0,055	0,296	0,002	0,007	0,094	FALSE
-0,036	0,312	0,000	0,010	0,017	FALSE
0,063	0,317	0,002	0,009	0,076	FALSE
0,138	0,307	0,006	0,012	0,198	FALSE
-0,021	0,309	-0,001	0,006	0,033	FALSE
-0,026	0,310	0,000	0,007	0,015	FALSE
0,164	0,309	0,006	0,009	0,270	FALSE
-0,133	0,321	-0,006	0,013	0,183	FALSE
0,041	0,311	0,002	0,011	0,079	FALSE
-0,041	0,290	-0,001	0,008	0,063	FALSE
-0,056	0,317	-0,002	0,007	0,090	FALSE
-0,137	0,301	-0,003	0,007	0,175	FALSE
-0,110	0,306	-0,003	0,007	0,140	FALSE

0,013	0,302	0,001	0,011	0,026	FALSE
0,063	0,312	0,001	0,007	0,050	FALSE
0,060	0,313	0,002	0,013	0,073	FALSE
-0,040	0,292	-0,001	0,009	0,023	FALSE
0,005	0,320	0,001	0,007	0,024	FALSE
-0,066	0,295	-0,004	0,011	0,125	FALSE
-0,180	0,301	-0,006	0,009	0,277	FALSE
0,007	0,313	0,000	0,012	0,001	FALSE
-0,126	0,302	-0,005	0,011	0,192	FALSE
-0,008	0,306	0,000	0,012	0,003	FALSE
0,066	0,316	0,003	0,010	0,116	FALSE
-0,082	0,304	-0,001	0,006	0,076	FALSE
-0,087	0,299	-0,002	0,008	0,085	FALSE
0,010	0,314	0,000	0,011	0,004	FALSE
0,158	0,296	0,003	0,007	0,201	FALSE
0,134	0,315	0,003	0,006	0,181	FALSE
0,083	0,316	0,003	0,010	0,134	FALSE
-0,113	0,305	-0,002	0,007	0,130	FALSE
-0,017	0,310	0,000	0,009	0,002	FALSE
0,075	0,295	0,003	0,010	0,126	FALSE
0,091	0,303	0,002	0,010	0,098	FALSE
-0,115	0,310	-0,005	0,012	0,161	FALSE
-0,188	0,305	-0,005	0,008	0,272	FALSE
-0,091	0,297	-0,004	0,012	0,132	FALSE
0,068	0,305	0,002	0,006	0,107	FALSE
0,119	0,306	0,003	0,006	0,160	FALSE
0,057	0,304	0,002	0,007	0,100	FALSE
-0,069	0,308	-0,002	0,012	0,072	FALSE
-0,006	0,302	0,000	0,011	0,010	FALSE
-0,127	0,299	-0,005	0,012	0,179	FALSE
-0,115	0,310	-0,005	0,012	0,163	FALSE
0,025	0,307	0,001	0,011	0,036	FALSE
-0,125	0,301	-0,002	0,006	0,154	FALSE
0,055	0,302	0,003	0,011	0,109	FALSE
-0,018	0,299	0,000	0,006	0,010	FALSE
-0,061	0,308	-0,002	0,012	0,058	FALSE
-0,052	0,311	-0,002	0,010	0,063	FALSE
-0,120	0,289	-0,006	0,012	0,201	FALSE
0,030	0,298	0,001	0,010	0,051	FALSE
0,082	0,298	0,002	0,010	0,089	FALSE
0,050	0,294	0,001	0,011	0,043	FALSE
-0,004	0,301	0,001	0,011	0,021	FALSE
0,070	0,305	0,004	0,012	0,125	FALSE
-0,069	0,315	-0,001	0,008	0,050	FALSE
-0,036	0,315	-0,002	0,012	0,052	FALSE
-0,049	0,301	-0,001	0,007	0,051	FALSE
-0,069	0,297	-0,002	0,009	0,079	FALSE
0,056	0,308	0,001	0,007	0,075	FALSE
0,100	0,310	0,002	0,006	0,138	FALSE
-0,108	0,309	-0,004	0,013	0,132	FALSE
0,068	0,305	0,002	0,006	0,105	FALSE
-0,014	0,299	0,000	0,012	0,008	FALSE
-0,025	0,300	-0,001	0,012	0,031	FALSE

-0,073	0,312	-0,002	0,008	0,093	FALSE
-0,113	0,300	-0,005	0,011	0,163	FALSE
0,007	0,312	0,001	0,007	0,028	FALSE
0,101	0,304	0,003	0,008	0,136	FALSE
-0,063	0,300	-0,002	0,007	0,083	FALSE
0,027	0,297	0,001	0,009	0,053	FALSE
0,007	0,305	0,001	0,006	0,041	FALSE
-0,106	0,299	-0,005	0,013	0,171	FALSE
0,131	0,308	0,004	0,010	0,182	FALSE
-0,011	0,314	-0,001	0,010	0,036	FALSE
-0,024	0,291	-0,001	0,009	0,047	FALSE
-0,033	0,294	-0,002	0,010	0,071	FALSE
-0,054	0,298	-0,001	0,012	0,027	FALSE
0,075	0,321	0,002	0,007	0,087	FALSE
0,037	0,311	0,001	0,012	0,029	FALSE
-0,002	0,308	-0,001	0,008	0,028	FALSE
-0,027	0,295	-0,001	0,007	0,055	FALSE
-0,034	0,314	-0,001	0,012	0,035	FALSE
-0,059	0,322	-0,002	0,012	0,053	FALSE
0,094	0,299	0,002	0,007	0,103	FALSE
0,116	0,306	0,004	0,011	0,148	FALSE
0,145	0,299	0,004	0,010	0,177	FALSE
0,146	0,307	0,005	0,010	0,181	FALSE
0,163	0,302	0,005	0,010	0,209	FALSE
-0,092	0,305	-0,003	0,012	0,092	FALSE
-0,014	0,297	-0,001	0,008	0,048	FALSE
0,043	0,308	0,001	0,007	0,029	FALSE
-0,004	0,311	-0,001	0,009	0,021	FALSE
0,014	0,303	0,000	0,008	0,006	FALSE
0,095	0,305	0,005	0,012	0,168	FALSE
0,161	0,299	0,004	0,007	0,253	FALSE
-0,097	0,299	-0,003	0,008	0,136	FALSE
-0,028	0,311	-0,001	0,012	0,024	FALSE
-0,043	0,305	-0,002	0,007	0,078	FALSE
-0,019	0,296	-0,001	0,010	0,043	FALSE
-0,023	0,310	-0,001	0,010	0,049	FALSE
0,028	0,305	0,001	0,012	0,034	FALSE
-0,040	0,317	-0,001	0,008	0,025	FALSE
-0,032	0,311	0,000	0,008	0,008	FALSE
0,004	0,313	0,000	0,011	0,010	FALSE
-0,007	0,310	-0,001	0,007	0,040	FALSE
-0,019	0,323	-0,001	0,007	0,043	FALSE
-0,033	0,302	-0,002	0,012	0,062	FALSE
0,020	0,311	0,000	0,012	0,009	FALSE
-0,083	0,305	-0,001	0,007	0,080	FALSE
-0,038	0,313	-0,001	0,007	0,046	FALSE
0,159	0,293	0,006	0,011	0,232	FALSE
-0,109	0,304	-0,005	0,010	0,178	FALSE
-0,104	0,310	-0,004	0,012	0,117	FALSE
-0,035	0,301	-0,001	0,008	0,039	FALSE
0,043	0,307	0,002	0,011	0,063	FALSE
0,014	0,313	0,001	0,008	0,027	FALSE
-0,007	0,316	0,000	0,009	0,008	FALSE

-0,045	0,304	-0,001	0,007	0,034	FALSE
0,010	0,301	-0,001	0,012	0,029	FALSE
0,152	0,302	0,004	0,007	0,233	FALSE
-0,057	0,309	-0,003	0,010	0,098	FALSE
0,057	0,302	0,004	0,011	0,127	FALSE
0,023	0,292	0,002	0,011	0,070	FALSE
-0,148	0,305	-0,003	0,007	0,210	FALSE
-0,192	0,292	-0,007	0,010	0,307	FALSE
-0,140	0,301	-0,004	0,007	0,202	FALSE
0,148	0,309	0,006	0,012	0,192	FALSE
0,042	0,309	0,001	0,008	0,033	FALSE
0,176	0,316	0,007	0,012	0,242	FALSE
0,224	0,293	0,009	0,010	0,382	FALSE
0,053	0,305	0,002	0,012	0,055	FALSE
0,159	0,304	0,006	0,013	0,192	FALSE
0,054	0,312	0,001	0,007	0,059	FALSE
0,198	0,293	0,007	0,010	0,299	FALSE
-0,172	0,290	-0,005	0,008	0,263	FALSE
0,061	0,305	0,003	0,012	0,095	FALSE
0,039	0,313	0,001	0,010	0,049	FALSE
0,058	0,306	0,001	0,006	0,031	FALSE
-0,063	0,299	-0,003	0,012	0,093	FALSE
0,136	0,281	0,003	0,006	0,249	FALSE
0,029	0,312	0,000	0,007	0,003	FALSE
-0,039	0,308	-0,001	0,007	0,050	FALSE
0,077	0,308	0,003	0,012	0,077	FALSE
0,055	0,316	0,001	0,013	0,043	FALSE
-0,117	0,320	-0,006	0,013	0,175	FALSE
-0,007	0,307	0,000	0,006	0,021	FALSE
-0,033	0,318	-0,002	0,012	0,065	FALSE
-0,138	0,299	-0,005	0,012	0,186	FALSE
0,114	0,315	0,003	0,011	0,118	FALSE
-0,118	0,300	-0,003	0,007	0,154	FALSE
0,027	0,316	0,001	0,007	0,046	FALSE
-0,048	0,310	-0,001	0,011	0,035	FALSE
-0,012	0,296	0,000	0,009	0,019	FALSE
-0,033	0,318	-0,001	0,012	0,034	FALSE
-0,008	0,311	-0,001	0,007	0,044	FALSE
-0,052	0,293	-0,001	0,006	0,046	FALSE
-0,071	0,315	-0,001	0,007	0,077	FALSE
-0,032	0,308	-0,001	0,012	0,028	FALSE
0,114	0,308	0,005	0,011	0,177	FALSE
0,116	0,309	0,003	0,007	0,184	FALSE
-0,042	0,309	-0,001	0,010	0,023	FALSE
0,097	0,297	0,003	0,008	0,124	FALSE
-0,006	0,303	0,000	0,006	0,008	FALSE
0,005	0,308	0,001	0,011	0,018	FALSE
0,051	0,299	0,002	0,012	0,057	FALSE
0,140	0,297	0,004	0,010	0,150	FALSE
-0,038	0,298	-0,001	0,009	0,028	FALSE
-0,065	0,304	-0,002	0,010	0,061	FALSE
-0,040	0,309	-0,001	0,009	0,037	FALSE
0,049	0,319	0,002	0,008	0,071	FALSE

0,079	0,301	0,002	0,011	0,065	FALSE
0,006	0,311	-0,001	0,011	0,041	FALSE
-0,110	0,295	-0,003	0,008	0,123	FALSE
-0,083	0,296	-0,002	0,011	0,070	FALSE
0,062	0,291	0,002	0,006	0,130	FALSE
0,089	0,314	0,003	0,010	0,118	FALSE
0,033	0,318	0,001	0,012	0,016	FALSE
-0,002	0,295	0,001	0,009	0,042	FALSE
0,070	0,301	0,003	0,012	0,100	FALSE
0,016	0,312	0,001	0,013	0,029	FALSE
-0,065	0,312	-0,002	0,010	0,072	FALSE
-0,034	0,315	-0,001	0,007	0,030	FALSE
0,040	0,302	0,002	0,010	0,061	FALSE
-0,020	0,320	-0,001	0,011	0,023	FALSE
0,033	0,297	0,002	0,010	0,057	FALSE
-0,128	0,286	-0,005	0,010	0,216	FALSE
-0,040	0,308	-0,001	0,007	0,041	FALSE
0,170	0,296	0,006	0,009	0,300	FALSE
0,044	0,294	0,001	0,007	0,072	FALSE
0,005	0,307	0,000	0,008	0,008	FALSE
0,017	0,307	0,000	0,008	0,020	FALSE
0,011	0,314	0,000	0,008	0,012	FALSE
-0,104	0,316	-0,004	0,011	0,150	FALSE
0,113	0,295	0,004	0,010	0,151	FALSE
0,001	0,302	0,000	0,007	0,014	FALSE
-0,042	0,314	-0,001	0,007	0,058	FALSE
-0,020	0,306	-0,001	0,013	0,023	FALSE
-0,030	0,311	-0,001	0,013	0,038	FALSE
0,024	0,311	0,000	0,007	0,019	FALSE
-0,002	0,307	0,000	0,008	0,009	FALSE
-0,051	0,311	-0,002	0,009	0,094	FALSE
-0,063	0,312	-0,002	0,008	0,102	FALSE
-0,030	0,310	-0,001	0,008	0,066	FALSE
0,093	0,306	0,004	0,013	0,109	FALSE
0,025	0,303	0,000	0,008	0,021	FALSE
-0,051	0,306	-0,001	0,006	0,056	FALSE
0,027	0,319	0,001	0,013	0,018	FALSE
0,115	0,291	0,003	0,008	0,178	FALSE
0,047	0,308	0,001	0,007	0,050	FALSE
-0,105	0,302	-0,003	0,008	0,150	FALSE
-0,057	0,308	-0,001	0,009	0,047	FALSE
0,026	0,312	0,002	0,012	0,051	FALSE
-0,072	0,299	-0,002	0,011	0,070	FALSE
-0,030	0,319	-0,001	0,009	0,044	FALSE
0,040	0,318	0,001	0,010	0,049	FALSE
0,025	0,295	0,001	0,009	0,050	FALSE
-0,046	0,303	-0,001	0,006	0,069	FALSE
-0,118	0,322	-0,002	0,008	0,123	FALSE
0,033	0,304	0,001	0,007	0,070	FALSE
-0,040	0,305	-0,002	0,012	0,047	FALSE
-0,044	0,324	-0,002	0,013	0,054	FALSE
-0,181	0,296	-0,006	0,009	0,270	FALSE
0,048	0,311	0,001	0,009	0,048	FALSE

0,077	0,307	0,002	0,008	0,115	FALSE
0,007	0,318	0,000	0,007	0,023	FALSE
-0,052	0,303	-0,001	0,012	0,038	FALSE
0,049	0,300	0,000	0,008	0,010	FALSE
0,059	0,308	0,002	0,010	0,074	FALSE
0,126	0,308	0,004	0,010	0,141	FALSE
0,093	0,309	0,004	0,011	0,133	FALSE
0,037	0,305	0,001	0,008	0,053	FALSE
0,065	0,311	0,001	0,006	0,057	FALSE
-0,049	0,301	-0,001	0,008	0,045	FALSE
0,014	0,299	0,000	0,006	0,004	FALSE
0,001	0,311	0,000	0,007	0,006	FALSE
0,076	0,304	0,002	0,007	0,112	FALSE
-0,025	0,319	-0,001	0,010	0,029	FALSE
-0,080	0,310	-0,003	0,010	0,108	FALSE
-0,007	0,304	0,000	0,006	0,006	FALSE
-0,080	0,316	-0,004	0,013	0,128	FALSE
-0,012	0,302	0,000	0,010	0,007	FALSE
0,043	0,296	0,002	0,011	0,059	FALSE
0,119	0,295	0,004	0,011	0,166	FALSE
-0,010	0,313	-0,001	0,013	0,023	FALSE
0,023	0,297	0,000	0,007	0,019	FALSE
0,066	0,311	0,003	0,012	0,118	FALSE
0,082	0,316	0,003	0,011	0,093	FALSE
0,048	0,312	0,002	0,012	0,046	FALSE
0,277	0,296	0,008	0,009	0,439	FALSE
0,095	0,297	0,002	0,007	0,131	FALSE
0,026	0,301	0,001	0,011	0,024	FALSE
0,018	0,300	0,000	0,011	0,015	FALSE
-0,035	0,314	-0,001	0,008	0,057	FALSE
0,012	0,310	0,000	0,009	0,011	FALSE
-0,015	0,317	-0,001	0,010	0,025	FALSE
-0,057	0,307	-0,003	0,010	0,099	FALSE
-0,080	0,296	-0,003	0,010	0,131	FALSE
0,080	0,307	0,004	0,011	0,135	FALSE
0,041	0,311	0,001	0,010	0,050	FALSE
0,036	0,303	0,001	0,012	0,038	FALSE
0,077	0,289	0,003	0,010	0,139	FALSE
-0,230	0,288	-0,004	0,006	0,322	FALSE
0,115	0,300	0,004	0,011	0,141	FALSE
-0,001	0,311	0,001	0,010	0,023	FALSE
-0,014	0,307	0,000	0,010	0,011	FALSE
-0,087	0,307	-0,004	0,012	0,116	FALSE
0,000	0,312	0,000	0,012	0,005	FALSE
0,035	0,292	0,003	0,009	0,109	FALSE
-0,016	0,299	-0,002	0,012	0,053	FALSE
0,117	0,319	0,005	0,012	0,168	FALSE
-0,174	0,295	-0,007	0,011	0,283	FALSE
0,144	0,315	0,006	0,013	0,188	FALSE
0,072	0,304	0,002	0,008	0,109	FALSE
0,035	0,316	0,002	0,010	0,073	FALSE
-0,063	0,298	-0,001	0,008	0,060	FALSE
0,023	0,303	0,001	0,010	0,020	FALSE

-0,121	0,310	-0,005	0,012	0,154	FALSE
-0,033	0,300	-0,001	0,007	0,038	FALSE
0,081	0,298	0,002	0,008	0,099	FALSE
0,026	0,312	0,001	0,007	0,049	FALSE
0,005	0,320	0,000	0,011	0,008	FALSE
0,027	0,303	0,001	0,009	0,053	FALSE
-0,029	0,307	-0,001	0,010	0,043	FALSE
-0,116	0,302	-0,005	0,012	0,178	FALSE
-0,019	0,304	0,000	0,012	0,012	FALSE
-0,002	0,310	-0,001	0,012	0,018	FALSE
0,018	0,318	0,001	0,011	0,030	FALSE
-0,042	0,314	-0,001	0,012	0,023	FALSE
-0,127	0,300	-0,004	0,008	0,210	FALSE
-0,061	0,301	-0,003	0,012	0,092	FALSE
0,089	0,293	0,003	0,010	0,116	FALSE
-0,122	0,312	-0,004	0,012	0,138	FALSE
-0,159	0,305	-0,006	0,012	0,205	FALSE
0,025	0,292	0,001	0,008	0,031	FALSE
-0,092	0,300	-0,002	0,008	0,127	FALSE
0,045	0,323	0,002	0,011	0,078	FALSE
0,038	0,294	0,000	0,006	0,001	FALSE
0,196	0,291	0,005	0,008	0,307	FALSE
-0,011	0,314	0,000	0,007	0,007	FALSE
-0,072	0,291	-0,004	0,012	0,120	FALSE
-0,022	0,317	-0,001	0,008	0,044	FALSE
-0,058	0,299	-0,002	0,008	0,092	FALSE
-0,019	0,315	-0,001	0,009	0,021	FALSE
0,095	0,298	0,004	0,010	0,140	FALSE
-0,042	0,305	-0,001	0,006	0,052	FALSE
0,134	0,307	0,003	0,007	0,162	FALSE
-0,030	0,275	-0,002	0,009	0,085	FALSE
-0,142	0,306	-0,003	0,008	0,167	FALSE
0,031	0,317	0,001	0,009	0,039	FALSE
-0,114	0,292	-0,004	0,012	0,135	FALSE
-0,035	0,301	-0,001	0,012	0,033	FALSE
-0,035	0,308	-0,002	0,012	0,062	FALSE
-0,040	0,300	-0,002	0,009	0,072	FALSE
0,046	0,305	0,002	0,008	0,087	FALSE
0,022	0,309	0,001	0,012	0,019	FALSE
-0,086	0,307	-0,003	0,012	0,115	FALSE
-0,073	0,296	-0,002	0,012	0,081	FALSE
-0,034	0,303	-0,003	0,012	0,107	FALSE
-0,035	0,304	-0,003	0,012	0,105	FALSE
-0,023	0,294	-0,003	0,012	0,098	FALSE
-0,027	0,294	-0,003	0,012	0,094	FALSE
-0,042	0,301	-0,003	0,012	0,104	FALSE
-0,050	0,299	-0,004	0,012	0,130	FALSE
-0,103	0,313	-0,005	0,011	0,173	FALSE
0,047	0,305	0,000	0,006	0,022	FALSE
0,006	0,306	0,000	0,007	0,013	FALSE
0,064	0,316	0,003	0,009	0,113	FALSE
0,097	0,311	0,004	0,011	0,136	FALSE
-0,117	0,307	-0,003	0,007	0,147	FALSE

0,054	0,305	0,001	0,007	0,065	FALSE
-0,081	0,307	-0,003	0,010	0,133	FALSE
0,097	0,303	0,003	0,010	0,131	FALSE
0,078	0,292	0,003	0,011	0,103	FALSE
-0,094	0,303	-0,003	0,009	0,146	FALSE
-0,095	0,306	-0,003	0,009	0,149	FALSE
-0,168	0,303	-0,005	0,011	0,212	FALSE
-0,190	0,291	-0,006	0,011	0,234	FALSE
-0,195	0,299	-0,006	0,011	0,251	FALSE
0,107	0,317	0,003	0,009	0,146	FALSE
0,110	0,321	0,003	0,009	0,143	FALSE
0,120	0,304	0,005	0,009	0,210	FALSE
-0,017	0,295	0,000	0,008	0,012	FALSE
0,152	0,304	0,006	0,012	0,189	FALSE
0,111	0,302	0,002	0,007	0,128	FALSE
0,121	0,300	0,003	0,009	0,148	FALSE
0,011	0,312	0,000	0,011	0,005	FALSE
-0,063	0,300	-0,002	0,010	0,093	FALSE
-0,048	0,283	-0,001	0,007	0,033	FALSE
-0,065	0,306	-0,003	0,012	0,078	FALSE
-0,066	0,291	-0,001	0,007	0,077	FALSE
-0,085	0,300	-0,003	0,011	0,113	FALSE
0,039	0,319	0,001	0,012	0,029	FALSE
-0,122	0,304	-0,002	0,007	0,136	FALSE
-0,028	0,308	0,000	0,007	0,015	FALSE
0,037	0,307	0,001	0,006	0,052	FALSE
0,140	0,289	0,005	0,010	0,200	FALSE
-0,106	0,299	-0,002	0,006	0,138	FALSE
0,124	0,293	0,004	0,010	0,162	FALSE
0,009	0,297	0,000	0,007	0,001	FALSE
-0,005	0,315	0,000	0,007	0,012	FALSE
-0,104	0,312	-0,003	0,010	0,141	FALSE
-0,102	0,314	-0,003	0,010	0,136	FALSE
0,042	0,308	0,000	0,010	0,003	FALSE
0,022	0,313	0,000	0,008	0,005	FALSE
-0,151	0,318	-0,003	0,006	0,201	FALSE
0,052	0,307	0,002	0,009	0,090	FALSE
0,019	0,308	0,000	0,006	0,011	FALSE
-0,050	0,321	-0,002	0,011	0,059	FALSE
-0,122	0,310	-0,003	0,007	0,155	FALSE
-0,013	0,311	0,000	0,010	0,011	FALSE
0,007	0,298	0,001	0,011	0,018	FALSE
-0,022	0,314	0,000	0,012	0,015	FALSE
-0,200	0,295	-0,005	0,008	0,284	FALSE
-0,150	0,296	-0,004	0,008	0,206	FALSE
0,001	0,316	0,000	0,007	0,024	FALSE
0,085	0,309	0,003	0,009	0,142	FALSE
-0,018	0,301	-0,001	0,010	0,042	FALSE
0,033	0,309	0,001	0,007	0,035	FALSE
-0,036	0,308	-0,001	0,009	0,044	FALSE
-0,144	0,306	-0,005	0,013	0,173	FALSE
-0,156	0,296	-0,006	0,013	0,191	FALSE
0,013	0,297	0,000	0,010	0,004	FALSE

0,172	0,305	0,005	0,009	0,237	FALSE
0,009	0,287	0,001	0,012	0,026	FALSE
-0,088	0,299	-0,002	0,011	0,085	FALSE
0,083	0,283	0,003	0,012	0,086	FALSE
0,169	0,305	0,005	0,009	0,257	FALSE
-0,041	0,307	-0,001	0,007	0,056	FALSE
0,132	0,302	0,004	0,008	0,228	FALSE
-0,147	0,300	-0,006	0,012	0,203	FALSE
-0,124	0,294	-0,003	0,007	0,153	FALSE
0,004	0,295	0,000	0,007	0,024	FALSE
-0,028	0,315	-0,001	0,013	0,019	FALSE
-0,015	0,310	-0,001	0,006	0,033	FALSE
-0,053	0,310	-0,002	0,007	0,094	FALSE
-0,101	0,310	-0,003	0,008	0,162	FALSE
-0,010	0,312	-0,001	0,009	0,024	FALSE
0,062	0,290	0,002	0,011	0,073	FALSE
-0,120	0,311	-0,003	0,008	0,143	FALSE
0,010	0,317	0,000	0,008	0,007	FALSE
-0,003	0,307	0,000	0,011	0,014	FALSE
0,078	0,317	0,003	0,010	0,107	FALSE
0,051	0,292	0,001	0,010	0,046	FALSE
0,055	0,308	0,001	0,006	0,078	FALSE
0,054	0,295	0,001	0,010	0,054	FALSE
0,080	0,302	0,002	0,007	0,086	FALSE
0,245	0,291	0,010	0,012	0,377	FALSE
0,059	0,306	0,001	0,009	0,051	FALSE
0,112	0,297	0,003	0,012	0,110	FALSE
0,115	0,296	0,005	0,011	0,171	FALSE
0,047	0,290	0,001	0,009	0,042	FALSE
-0,025	0,309	-0,001	0,010	0,033	FALSE
-0,083	0,294	-0,002	0,007	0,095	FALSE
-0,012	0,296	-0,001	0,009	0,033	FALSE
0,153	0,299	0,005	0,008	0,250	FALSE
0,058	0,297	0,001	0,011	0,027	FALSE
-0,018	0,306	0,000	0,008	0,019	FALSE
-0,027	0,305	-0,001	0,008	0,026	FALSE
-0,023	0,314	-0,001	0,013	0,032	FALSE
0,098	0,303	0,003	0,009	0,125	FALSE
0,120	0,301	0,004	0,009	0,165	FALSE
0,142	0,301	0,003	0,007	0,178	FALSE
0,045	0,291	0,001	0,012	0,039	FALSE
0,025	0,302	0,000	0,012	0,011	FALSE
0,066	0,302	0,002	0,012	0,057	FALSE
-0,125	0,307	-0,005	0,012	0,178	FALSE
0,009	0,306	0,000	0,006	0,011	FALSE
-0,057	0,314	-0,001	0,007	0,043	FALSE
-0,011	0,296	0,001	0,006	0,035	FALSE
-0,003	0,306	0,001	0,006	0,038	FALSE
0,162	0,291	0,004	0,008	0,226	FALSE
-0,157	0,294	-0,003	0,008	0,187	FALSE
-0,088	0,311	-0,003	0,009	0,107	FALSE
0,030	0,315	0,001	0,011	0,023	FALSE
-0,098	0,312	-0,003	0,009	0,107	FALSE

-0,103	0,320	-0,002	0,007	0,129	FALSE
-0,101	0,311	-0,003	0,011	0,113	FALSE
0,198	0,286	0,005	0,007	0,326	FALSE
0,205	0,300	0,005	0,008	0,292	FALSE
-0,088	0,308	-0,002	0,008	0,093	FALSE
0,068	0,307	0,002	0,012	0,061	FALSE
0,094	0,299	0,004	0,012	0,125	FALSE
0,106	0,301	0,003	0,009	0,129	FALSE
-0,062	0,309	-0,002	0,010	0,065	FALSE
0,010	0,310	0,000	0,006	0,016	FALSE
-0,204	0,289	-0,005	0,006	0,331	FALSE
0,001	0,311	-0,001	0,012	0,015	FALSE
0,010	0,301	0,000	0,012	0,011	FALSE
-0,003	0,302	-0,001	0,011	0,017	FALSE
-0,008	0,305	-0,001	0,010	0,028	FALSE
-0,013	0,306	0,000	0,006	0,021	FALSE
-0,103	0,313	-0,002	0,007	0,131	FALSE
0,017	0,303	0,000	0,012	0,009	FALSE
0,077	0,306	0,002	0,006	0,136	FALSE
0,127	0,301	0,004	0,009	0,191	FALSE
-0,085	0,317	-0,002	0,007	0,089	FALSE
0,005	0,303	0,000	0,007	0,020	FALSE
-0,034	0,312	-0,002	0,011	0,062	FALSE
0,055	0,305	0,002	0,013	0,050	FALSE
0,047	0,311	0,001	0,009	0,031	FALSE
-0,074	0,309	-0,003	0,013	0,081	FALSE
0,049	0,305	0,002	0,013	0,065	FALSE
0,014	0,302	0,000	0,007	0,025	FALSE
-0,092	0,301	-0,003	0,009	0,129	FALSE
-0,075	0,294	-0,002	0,006	0,134	FALSE
-0,021	0,309	0,000	0,007	0,020	FALSE
-0,067	0,301	-0,002	0,011	0,074	FALSE
-0,041	0,318	0,000	0,007	0,018	FALSE
-0,024	0,296	0,000	0,010	0,003	FALSE
0,069	0,303	0,002	0,008	0,103	FALSE
-0,093	0,299	-0,003	0,009	0,115	FALSE
0,133	0,293	0,004	0,008	0,195	FALSE
-0,102	0,323	-0,003	0,009	0,110	FALSE
0,042	0,291	0,002	0,008	0,072	FALSE
0,064	0,317	0,002	0,009	0,078	FALSE
0,021	0,302	0,001	0,012	0,021	FALSE
-0,029	0,300	-0,001	0,007	0,053	FALSE
-0,030	0,304	-0,001	0,007	0,030	FALSE
0,040	0,319	0,001	0,007	0,050	FALSE
-0,100	0,297	-0,003	0,008	0,138	FALSE
-0,151	0,309	-0,003	0,006	0,206	FALSE
-0,018	0,300	0,000	0,007	0,014	FALSE
0,055	0,310	0,001	0,007	0,045	FALSE
0,054	0,305	0,002	0,009	0,079	FALSE
-0,072	0,294	-0,002	0,011	0,075	FALSE
0,108	0,295	0,003	0,007	0,153	FALSE
-0,013	0,317	0,000	0,010	0,004	FALSE
0,076	0,314	0,002	0,007	0,089	FALSE

0,132	0,298	0,005	0,011	0,196	FALSE
0,064	0,308	0,001	0,008	0,047	FALSE
0,048	0,318	0,001	0,006	0,074	FALSE
0,056	0,297	0,002	0,011	0,056	FALSE
0,063	0,320	0,002	0,012	0,062	FALSE
-0,074	0,303	-0,002	0,007	0,091	FALSE
0,154	0,319	0,004	0,009	0,178	FALSE
0,086	0,308	0,003	0,013	0,082	FALSE
0,073	0,300	0,002	0,009	0,106	FALSE
-0,017	0,310	0,000	0,006	0,011	FALSE
-0,063	0,306	-0,001	0,009	0,058	FALSE
-0,012	0,323	0,000	0,008	0,020	FALSE
0,115	0,299	0,005	0,012	0,152	FALSE
0,047	0,307	0,001	0,009	0,056	FALSE
0,007	0,309	0,001	0,007	0,054	FALSE
0,035	0,286	0,001	0,006	0,083	FALSE
0,012	0,300	0,000	0,011	0,012	FALSE
-0,058	0,309	-0,002	0,008	0,073	FALSE
0,057	0,306	0,002	0,008	0,076	FALSE
-0,081	0,315	-0,002	0,010	0,081	FALSE
-0,077	0,309	-0,002	0,010	0,074	FALSE
0,058	0,307	0,001	0,007	0,064	FALSE
-0,108	0,307	-0,002	0,007	0,129	FALSE
-0,004	0,304	0,000	0,006	0,021	FALSE
0,066	0,315	0,002	0,010	0,065	FALSE
-0,020	0,310	0,000	0,007	0,001	FALSE
0,001	0,302	0,001	0,009	0,020	FALSE
0,033	0,294	0,001	0,007	0,040	FALSE
-0,167	0,311	-0,007	0,013	0,220	FALSE
0,030	0,321	0,002	0,010	0,054	FALSE
-0,107	0,302	-0,003	0,009	0,140	FALSE
-0,064	0,315	-0,003	0,013	0,074	FALSE
-0,067	0,305	-0,003	0,012	0,079	FALSE
-0,054	0,312	-0,002	0,012	0,074	FALSE
-0,132	0,312	-0,004	0,012	0,148	FALSE
0,023	0,323	0,000	0,008	0,015	FALSE
-0,031	0,308	-0,001	0,011	0,026	FALSE
0,033	0,314	0,001	0,012	0,035	FALSE
0,006	0,315	-0,001	0,010	0,019	FALSE
-0,080	0,309	-0,003	0,010	0,117	FALSE
-0,061	0,320	-0,002	0,011	0,087	FALSE
-0,070	0,311	-0,002	0,011	0,077	FALSE
-0,061	0,309	-0,002	0,008	0,074	FALSE
0,095	0,296	0,003	0,010	0,138	FALSE
-0,061	0,302	-0,002	0,008	0,094	FALSE
-0,059	0,295	-0,002	0,010	0,061	FALSE
-0,033	0,297	-0,001	0,010	0,031	FALSE
-0,001	0,306	0,001	0,006	0,036	FALSE
0,101	0,293	0,003	0,008	0,157	FALSE
0,019	0,306	0,000	0,008	0,011	FALSE
0,071	0,315	0,002	0,008	0,080	FALSE
-0,024	0,310	-0,001	0,011	0,022	FALSE
-0,057	0,332	-0,002	0,012	0,047	FALSE

0,064	0,307	0,002	0,006	0,102	FALSE
-0,009	0,307	0,000	0,006	0,017	FALSE
0,039	0,301	0,002	0,011	0,067	FALSE
-0,111	0,305	-0,004	0,012	0,145	FALSE
0,025	0,301	0,001	0,007	0,029	FALSE
-0,031	0,305	0,000	0,007	0,005	FALSE
-0,185	0,315	-0,005	0,008	0,265	FALSE
0,183	0,296	0,007	0,011	0,300	FALSE
0,195	0,298	0,008	0,011	0,328	FALSE
-0,030	0,306	-0,001	0,007	0,043	FALSE
-0,011	0,301	-0,001	0,007	0,028	FALSE
0,088	0,296	0,003	0,008	0,164	FALSE
-0,014	0,307	0,000	0,009	0,012	FALSE
-0,142	0,292	-0,003	0,006	0,185	FALSE
-0,122	0,293	-0,003	0,007	0,145	FALSE
-0,081	0,322	-0,002	0,007	0,099	FALSE
0,082	0,294	0,002	0,009	0,079	FALSE
0,075	0,310	0,004	0,012	0,130	FALSE
0,036	0,314	0,001	0,007	0,040	FALSE
0,000	0,326	0,000	0,010	0,007	FALSE
0,026	0,300	0,001	0,010	0,025	FALSE
-0,035	0,295	-0,001	0,007	0,037	FALSE
0,061	0,295	0,001	0,008	0,066	FALSE
-0,170	0,303	-0,004	0,007	0,223	FALSE
-0,095	0,295	-0,003	0,009	0,135	FALSE
0,040	0,303	0,000	0,007	0,024	FALSE
0,099	0,306	0,002	0,007	0,125	FALSE
-0,065	0,309	-0,001	0,008	0,057	FALSE
-0,061	0,297	-0,003	0,012	0,085	FALSE
-0,036	0,304	-0,001	0,009	0,025	FALSE
0,114	0,303	0,004	0,011	0,159	FALSE
0,161	0,300	0,005	0,010	0,226	FALSE
0,005	0,306	0,000	0,013	0,012	FALSE
0,069	0,307	0,001	0,008	0,070	FALSE
0,068	0,310	0,002	0,008	0,077	FALSE
0,064	0,291	0,002	0,007	0,091	FALSE
-0,092	0,292	-0,002	0,009	0,094	FALSE
0,062	0,313	0,002	0,012	0,058	FALSE
-0,106	0,307	-0,002	0,008	0,112	FALSE
0,001	0,311	0,000	0,011	0,004	FALSE
0,043	0,322	0,001	0,012	0,041	FALSE
0,089	0,316	0,002	0,010	0,080	FALSE
-0,018	0,300	0,000	0,009	0,005	FALSE
0,004	0,304	0,001	0,012	0,017	FALSE
0,088	0,316	0,002	0,007	0,118	FALSE
-0,039	0,306	-0,001	0,006	0,047	FALSE
0,038	0,302	0,000	0,011	0,009	FALSE
-0,041	0,297	-0,001	0,010	0,048	FALSE
0,092	0,305	0,003	0,008	0,133	FALSE
-0,079	0,320	-0,003	0,008	0,122	FALSE
0,008	0,303	0,000	0,010	0,003	FALSE
-0,048	0,311	-0,001	0,007	0,059	FALSE
0,003	0,314	0,000	0,010	0,015	FALSE

0,084	0,291	0,002	0,011	0,066	FALSE
0,102	0,315	0,003	0,012	0,083	FALSE
-0,092	0,307	-0,002	0,007	0,116	FALSE
0,082	0,291	0,002	0,012	0,079	FALSE
-0,002	0,308	0,000	0,010	0,017	FALSE
0,098	0,300	0,004	0,010	0,149	FALSE
0,069	0,290	0,003	0,008	0,124	FALSE
-0,054	0,307	-0,001	0,009	0,052	FALSE
-0,016	0,301	-0,001	0,012	0,023	FALSE
0,040	0,306	0,000	0,006	0,025	FALSE
-0,004	0,328	0,000	0,007	0,006	FALSE
0,094	0,310	0,002	0,008	0,120	FALSE
-0,118	0,308	-0,005	0,011	0,183	FALSE
0,109	0,304	0,005	0,011	0,166	FALSE
-0,132	0,291	-0,004	0,008	0,188	FALSE
-0,019	0,317	-0,001	0,007	0,034	FALSE
-0,103	0,287	-0,004	0,011	0,130	FALSE
0,299	0,276	0,009	0,009	0,506	FALSE
-0,167	0,295	-0,006	0,012	0,215	FALSE
-0,014	0,320	0,000	0,008	0,009	FALSE
-0,014	0,312	0,000	0,007	0,004	FALSE
-0,034	0,311	-0,001	0,008	0,039	FALSE
-0,135	0,312	-0,003	0,006	0,173	FALSE
-0,082	0,308	-0,003	0,012	0,081	FALSE
-0,075	0,304	-0,003	0,011	0,112	FALSE
0,019	0,301	0,000	0,012	0,011	FALSE
0,069	0,313	0,002	0,010	0,097	FALSE
0,031	0,301	0,001	0,007	0,053	FALSE
0,005	0,308	-0,001	0,012	0,026	FALSE
0,075	0,299	0,003	0,012	0,104	FALSE
-0,067	0,301	-0,002	0,007	0,103	FALSE
-0,014	0,311	0,000	0,008	0,009	FALSE
0,013	0,304	0,000	0,011	0,005	FALSE
0,173	0,293	0,005	0,008	0,258	FALSE
0,009	0,308	0,000	0,007	0,018	FALSE
0,080	0,315	0,004	0,012	0,130	FALSE
0,067	0,307	0,002	0,011	0,072	FALSE
-0,109	0,315	-0,003	0,011	0,097	FALSE
-0,081	0,300	-0,002	0,012	0,063	FALSE
0,036	0,302	0,001	0,012	0,025	FALSE
-0,036	0,299	-0,001	0,012	0,045	FALSE
0,034	0,310	0,001	0,007	0,034	FALSE
0,094	0,302	0,002	0,007	0,105	FALSE
-0,059	0,302	-0,002	0,008	0,073	FALSE
-0,161	0,283	-0,005	0,010	0,233	FALSE
-0,208	0,301	-0,008	0,012	0,286	FALSE
0,023	0,312	0,000	0,013	0,007	FALSE
0,088	0,307	0,002	0,010	0,094	FALSE
-0,026	0,294	-0,002	0,010	0,060	FALSE
-0,115	0,295	-0,006	0,011	0,222	FALSE
-0,008	0,313	0,000	0,010	0,011	FALSE
-0,063	0,293	-0,003	0,011	0,096	FALSE
0,029	0,307	0,001	0,006	0,035	FALSE

-0,003	0,305	0,001	0,012	0,027	FALSE
-0,025	0,296	-0,001	0,012	0,032	FALSE
0,010	0,293	0,002	0,011	0,060	FALSE
0,025	0,308	0,001	0,009	0,041	FALSE
-0,057	0,304	-0,002	0,008	0,085	FALSE
0,014	0,306	0,000	0,011	0,000	FALSE
0,063	0,311	0,001	0,007	0,032	FALSE
0,074	0,291	0,002	0,008	0,111	FALSE
0,018	0,308	0,001	0,009	0,031	FALSE
0,036	0,302	0,001	0,010	0,040	FALSE
-0,151	0,300	-0,004	0,010	0,166	FALSE
0,084	0,316	0,003	0,012	0,091	FALSE
0,066	0,299	0,002	0,012	0,061	FALSE
0,160	0,314	0,004	0,009	0,210	FALSE
0,165	0,305	0,006	0,012	0,226	FALSE
0,120	0,295	0,005	0,012	0,168	FALSE
-0,011	0,306	0,000	0,008	0,013	FALSE
-0,013	0,317	-0,001	0,010	0,044	FALSE
0,030	0,311	0,001	0,008	0,047	FALSE
0,118	0,287	0,005	0,012	0,182	FALSE
0,005	0,322	0,000	0,009	0,019	FALSE
0,052	0,306	0,002	0,013	0,052	FALSE
0,020	0,303	0,000	0,009	0,004	FALSE
0,045	0,296	0,002	0,010	0,066	FALSE
-0,018	0,305	0,001	0,013	0,016	FALSE
0,050	0,309	0,002	0,010	0,070	FALSE
-0,055	0,312	-0,001	0,011	0,051	FALSE
-0,134	0,297	-0,005	0,010	0,194	FALSE
0,099	0,291	0,003	0,009	0,114	FALSE
0,055	0,298	0,001	0,006	0,086	FALSE
-0,022	0,316	-0,001	0,009	0,035	FALSE
0,010	0,305	0,000	0,007	0,008	FALSE
-0,114	0,287	-0,006	0,011	0,219	FALSE
-0,148	0,299	-0,006	0,013	0,195	FALSE
0,019	0,325	0,001	0,012	0,021	FALSE
0,057	0,303	0,002	0,009	0,067	FALSE
0,059	0,298	0,002	0,010	0,071	FALSE
-0,025	0,302	-0,001	0,011	0,022	FALSE
-0,016	0,321	0,000	0,012	0,011	FALSE
0,069	0,287	0,003	0,009	0,126	FALSE
-0,019	0,299	0,000	0,007	0,000	FALSE
-0,008	0,313	0,000	0,007	0,019	FALSE
-0,148	0,311	-0,004	0,008	0,192	FALSE
0,014	0,318	0,000	0,006	0,005	FALSE
-0,117	0,316	-0,003	0,008	0,138	FALSE
0,123	0,289	0,003	0,007	0,188	FALSE
0,133	0,305	0,002	0,006	0,155	FALSE
0,103	0,307	0,003	0,007	0,171	FALSE
0,013	0,301	0,000	0,011	0,005	FALSE
-0,013	0,305	-0,001	0,007	0,039	FALSE
-0,069	0,315	-0,002	0,009	0,093	FALSE
0,084	0,307	0,002	0,009	0,107	FALSE
-0,085	0,313	-0,002	0,008	0,085	FALSE

0,063	0,304	0,001	0,011	0,037	FALSE
0,069	0,320	0,002	0,012	0,051	FALSE
-0,102	0,300	-0,002	0,007	0,109	FALSE
0,129	0,294	0,006	0,011	0,228	FALSE
0,007	0,314	0,001	0,013	0,022	FALSE
-0,020	0,307	0,000	0,007	0,018	FALSE
-0,062	0,309	-0,001	0,007	0,052	FALSE
0,010	0,292	-0,001	0,009	0,027	FALSE
0,054	0,294	0,004	0,012	0,122	FALSE
0,006	0,292	0,001	0,008	0,034	FALSE
0,027	0,298	0,000	0,012	0,005	FALSE
0,031	0,294	0,001	0,008	0,056	FALSE
-0,061	0,314	-0,001	0,006	0,046	FALSE
0,112	0,300	0,004	0,012	0,140	FALSE
-0,025	0,312	-0,001	0,010	0,037	FALSE
0,138	0,313	0,005	0,013	0,170	FALSE
-0,061	0,307	-0,002	0,012	0,067	FALSE
-0,068	0,302	-0,001	0,007	0,052	FALSE
-0,094	0,292	-0,003	0,007	0,155	FALSE
0,022	0,303	0,000	0,006	0,023	FALSE
0,015	0,301	0,001	0,008	0,025	FALSE
-0,143	0,293	-0,004	0,009	0,191	FALSE
0,110	0,321	0,003	0,008	0,124	FALSE
0,015	0,311	0,000	0,007	0,010	FALSE
-0,017	0,303	-0,001	0,008	0,047	FALSE
-0,037	0,316	-0,002	0,012	0,065	FALSE
-0,032	0,288	-0,001	0,007	0,062	FALSE
-0,030	0,305	0,000	0,007	0,017	FALSE
-0,148	0,290	-0,003	0,008	0,190	FALSE
0,082	0,304	0,001	0,006	0,092	FALSE
-0,095	0,295	-0,004	0,013	0,138	FALSE
0,050	0,298	0,001	0,006	0,071	FALSE
-0,055	0,302	-0,001	0,008	0,055	FALSE
0,026	0,306	0,001	0,009	0,043	FALSE
0,023	0,292	0,001	0,007	0,034	FALSE
-0,051	0,318	-0,001	0,007	0,054	FALSE
-0,005	0,303	-0,001	0,013	0,033	FALSE
-0,136	0,297	-0,003	0,006	0,214	FALSE
0,121	0,311	0,002	0,006	0,152	FALSE
-0,051	0,316	-0,003	0,011	0,096	FALSE
-0,147	0,300	-0,006	0,010	0,261	FALSE
0,012	0,303	0,000	0,006	0,023	FALSE
0,075	0,314	0,002	0,008	0,107	FALSE
-0,089	0,305	-0,003	0,007	0,141	FALSE
-0,023	0,297	-0,001	0,007	0,070	FALSE
0,115	0,291	0,003	0,006	0,189	FALSE
0,064	0,313	0,003	0,013	0,095	FALSE
0,022	0,300	0,001	0,010	0,018	FALSE
0,055	0,315	0,001	0,007	0,039	FALSE
0,070	0,297	0,003	0,011	0,101	FALSE
0,029	0,290	0,000	0,009	0,003	FALSE
0,115	0,308	0,003	0,007	0,170	FALSE
-0,094	0,300	-0,004	0,011	0,127	FALSE

-0,017	0,307	-0,001	0,008	0,069	FALSE
0,127	0,291	0,004	0,009	0,174	FALSE
-0,137	0,302	-0,003	0,007	0,179	FALSE
-0,133	0,318	-0,004	0,011	0,149	FALSE
0,055	0,299	0,003	0,011	0,101	FALSE
0,142	0,306	0,005	0,010	0,231	FALSE
0,087	0,304	0,003	0,007	0,138	FALSE
0,046	0,318	0,002	0,009	0,066	FALSE
-0,057	0,273	-0,001	0,006	0,065	FALSE
-0,028	0,313	-0,002	0,013	0,045	FALSE
0,056	0,300	0,002	0,010	0,073	FALSE
-0,002	0,300	0,000	0,010	0,016	FALSE
0,068	0,308	0,002	0,008	0,087	FALSE
-0,151	0,324	-0,003	0,008	0,169	FALSE
0,010	0,297	0,000	0,006	0,010	FALSE
-0,101	0,312	-0,002	0,007	0,132	FALSE
-0,055	0,320	-0,001	0,009	0,043	FALSE
0,082	0,313	0,003	0,009	0,150	FALSE
-0,104	0,302	-0,003	0,008	0,151	FALSE
0,164	0,311	0,005	0,008	0,245	FALSE
0,109	0,299	0,004	0,009	0,172	FALSE
0,126	0,302	0,004	0,009	0,171	FALSE
-0,017	0,314	0,000	0,006	0,027	FALSE
-0,074	0,310	-0,001	0,007	0,075	FALSE
-0,045	0,306	-0,001	0,008	0,063	FALSE
0,069	0,312	0,002	0,007	0,094	FALSE
0,141	0,299	0,003	0,008	0,190	FALSE
-0,053	0,303	-0,002	0,012	0,049	FALSE
0,068	0,295	0,001	0,007	0,073	FALSE
-0,042	0,313	-0,002	0,010	0,068	FALSE
0,031	0,306	0,001	0,010	0,031	FALSE
-0,040	0,317	-0,001	0,008	0,038	FALSE
-0,065	0,305	-0,001	0,006	0,053	FALSE
-0,029	0,319	0,000	0,009	0,012	FALSE
-0,053	0,315	-0,001	0,008	0,069	FALSE
-0,055	0,301	-0,001	0,007	0,029	FALSE
-0,027	0,308	-0,001	0,009	0,040	FALSE
-0,013	0,307	-0,001	0,012	0,036	FALSE
-0,036	0,301	-0,001	0,009	0,027	FALSE
-0,078	0,317	-0,002	0,008	0,112	FALSE
0,061	0,297	0,002	0,006	0,093	FALSE
-0,054	0,305	-0,002	0,009	0,069	FALSE
0,000	0,304	0,001	0,012	0,025	FALSE
-0,130	0,309	-0,003	0,008	0,151	FALSE
-0,105	0,305	-0,002	0,008	0,123	FALSE
0,029	0,293	0,002	0,012	0,044	FALSE
-0,019	0,299	-0,002	0,012	0,065	FALSE
0,009	0,314	0,000	0,010	0,013	FALSE
-0,155	0,304	-0,004	0,008	0,216	FALSE
-0,151	0,307	-0,004	0,008	0,220	FALSE
-0,069	0,298	-0,001	0,007	0,050	FALSE
-0,025	0,291	0,000	0,006	0,014	FALSE
-0,016	0,310	0,000	0,012	0,013	FALSE

0,108	0,306	0,004	0,008	0,194	FALSE
-0,001	0,297	0,000	0,007	0,017	FALSE
0,129	0,302	0,003	0,007	0,197	FALSE
0,056	0,311	0,001	0,009	0,043	FALSE
-0,006	0,314	-0,001	0,013	0,032	FALSE
0,087	0,304	0,004	0,012	0,130	FALSE
-0,125	0,308	-0,003	0,008	0,160	FALSE
-0,057	0,311	-0,002	0,007	0,091	FALSE
0,126	0,308	0,003	0,008	0,159	FALSE
0,166	0,300	0,005	0,008	0,244	FALSE
0,033	0,309	0,001	0,008	0,041	FALSE
-0,015	0,297	-0,001	0,006	0,037	FALSE
0,083	0,319	0,002	0,006	0,145	FALSE
-0,026	0,308	0,000	0,009	0,018	FALSE
-0,065	0,301	-0,002	0,011	0,079	FALSE
-0,068	0,323	-0,003	0,013	0,082	FALSE
0,094	0,295	0,003	0,011	0,098	FALSE
0,039	0,292	0,002	0,007	0,097	FALSE
0,063	0,315	0,002	0,007	0,102	FALSE
-0,059	0,306	-0,002	0,012	0,062	FALSE
-0,017	0,308	-0,001	0,010	0,038	FALSE
0,105	0,297	0,002	0,008	0,112	FALSE
0,032	0,308	0,000	0,007	0,025	FALSE
-0,082	0,309	-0,002	0,012	0,074	FALSE
0,090	0,314	0,002	0,008	0,113	FALSE
-0,057	0,321	-0,002	0,010	0,071	FALSE
-0,022	0,320	-0,001	0,012	0,038	FALSE
-0,074	0,310	-0,003	0,010	0,109	FALSE
0,026	0,309	0,000	0,010	0,007	FALSE
-0,037	0,308	0,000	0,007	0,009	FALSE
-0,044	0,301	-0,001	0,012	0,037	FALSE
0,058	0,311	0,002	0,012	0,057	FALSE
-0,005	0,326	-0,001	0,012	0,025	FALSE
-0,023	0,307	-0,001	0,009	0,025	FALSE
-0,012	0,314	-0,001	0,007	0,046	FALSE
0,057	0,311	0,002	0,008	0,086	FALSE
0,066	0,309	0,002	0,008	0,119	FALSE
0,063	0,308	0,003	0,010	0,101	FALSE
-0,161	0,314	-0,003	0,006	0,193	FALSE
-0,066	0,318	-0,003	0,012	0,083	FALSE
0,073	0,314	0,002	0,010	0,080	FALSE
0,002	0,298	0,000	0,008	0,013	FALSE
-0,209	0,311	-0,008	0,012	0,288	FALSE
0,157	0,297	0,004	0,009	0,192	FALSE
0,055	0,323	0,002	0,012	0,065	FALSE
0,011	0,314	0,000	0,010	0,000	FALSE
-0,088	0,303	-0,003	0,009	0,113	FALSE
0,078	0,306	0,002	0,010	0,069	FALSE
-0,117	0,295	-0,005	0,012	0,172	FALSE
-0,058	0,321	-0,003	0,013	0,087	FALSE
0,089	0,297	0,002	0,010	0,067	FALSE
0,091	0,305	0,003	0,009	0,118	FALSE
0,013	0,314	0,000	0,006	0,013	FALSE

0,082	0,307	0,002	0,008	0,107	FALSE
0,005	0,304	0,000	0,007	0,018	FALSE
0,000	0,314	0,001	0,008	0,027	FALSE
0,124	0,310	0,004	0,012	0,144	FALSE
-0,066	0,286	-0,003	0,013	0,088	FALSE
-0,008	0,312	0,000	0,010	0,017	FALSE
-0,090	0,294	-0,003	0,009	0,135	FALSE
0,058	0,304	0,001	0,010	0,043	FALSE
0,006	0,309	0,000	0,012	0,006	FALSE
-0,048	0,308	-0,001	0,006	0,087	FALSE
-0,050	0,297	-0,002	0,009	0,081	FALSE
0,074	0,297	0,003	0,012	0,106	FALSE
-0,051	0,299	-0,002	0,009	0,072	FALSE
0,015	0,293	0,001	0,010	0,042	FALSE
-0,106	0,290	-0,004	0,008	0,176	FALSE
-0,018	0,292	0,000	0,008	0,002	FALSE
0,126	0,305	0,003	0,010	0,122	FALSE
0,005	0,305	0,000	0,007	0,002	FALSE
0,047	0,307	0,002	0,012	0,055	FALSE
-0,017	0,298	0,000	0,007	0,018	FALSE
-0,033	0,316	0,000	0,007	0,018	FALSE
-0,043	0,302	-0,002	0,012	0,073	FALSE
-0,006	0,308	0,000	0,009	0,009	FALSE
0,044	0,311	0,001	0,011	0,034	FALSE
-0,121	0,292	-0,004	0,008	0,180	FALSE
0,001	0,307	0,000	0,010	0,004	FALSE
-0,003	0,313	0,000	0,010	0,001	FALSE
0,087	0,312	0,002	0,008	0,094	FALSE
0,123	0,292	0,003	0,007	0,169	FALSE
0,060	0,301	0,002	0,008	0,087	FALSE
0,164	0,300	0,004	0,008	0,231	FALSE
-0,062	0,303	-0,002	0,011	0,053	FALSE
0,046	0,301	0,001	0,006	0,035	FALSE
0,058	0,299	0,002	0,007	0,099	FALSE
0,031	0,298	0,001	0,007	0,041	FALSE
0,031	0,311	0,001	0,007	0,043	FALSE
-0,089	0,299	-0,001	0,007	0,066	FALSE
0,003	0,306	0,001	0,009	0,023	FALSE
0,043	0,307	0,001	0,008	0,065	FALSE
-0,025	0,317	-0,001	0,007	0,034	FALSE
0,088	0,317	0,004	0,012	0,126	FALSE
-0,160	0,300	-0,003	0,007	0,197	FALSE
-0,008	0,301	-0,001	0,012	0,024	FALSE
0,011	0,303	0,001	0,008	0,029	FALSE
0,081	0,308	0,003	0,012	0,082	FALSE
-0,081	0,294	-0,001	0,007	0,065	FALSE
-0,078	0,292	-0,001	0,007	0,057	FALSE
0,136	0,301	0,004	0,011	0,158	FALSE
-0,084	0,308	-0,002	0,006	0,104	FALSE
-0,001	0,305	0,001	0,010	0,019	FALSE
0,015	0,308	0,001	0,011	0,025	FALSE
0,130	0,303	0,004	0,009	0,200	FALSE
0,052	0,293	0,002	0,012	0,068	FALSE

0,053	0,290	0,002	0,009	0,087	FALSE
-0,033	0,296	0,000	0,008	0,015	FALSE
0,047	0,311	0,003	0,012	0,086	FALSE
0,028	0,307	0,001	0,009	0,047	FALSE
0,085	0,307	0,002	0,008	0,102	FALSE
0,085	0,304	0,005	0,013	0,147	FALSE
-0,122	0,292	-0,005	0,011	0,163	FALSE
0,053	0,307	0,002	0,008	0,093	FALSE
0,020	0,305	0,002	0,012	0,064	FALSE
0,097	0,308	0,003	0,012	0,106	FALSE
-0,044	0,319	-0,002	0,012	0,048	FALSE
0,105	0,308	0,002	0,007	0,119	FALSE
0,012	0,304	0,000	0,012	0,012	FALSE
-0,026	0,304	-0,001	0,008	0,026	FALSE
0,032	0,301	0,001	0,010	0,047	FALSE
0,019	0,306	0,000	0,007	0,009	FALSE
-0,043	0,306	-0,001	0,007	0,034	FALSE
-0,010	0,310	0,000	0,011	0,010	FALSE
0,210	0,288	0,007	0,010	0,292	FALSE
-0,120	0,317	-0,004	0,013	0,129	FALSE
0,032	0,311	0,001	0,009	0,040	FALSE
0,147	0,301	0,004	0,010	0,166	FALSE
0,062	0,297	0,002	0,008	0,078	FALSE
-0,008	0,295	-0,001	0,009	0,023	FALSE
0,008	0,310	0,002	0,012	0,045	FALSE
0,002	0,305	0,000	0,009	0,007	FALSE
0,125	0,296	0,002	0,006	0,141	FALSE
0,056	0,311	0,001	0,008	0,056	FALSE
-0,047	0,308	-0,001	0,007	0,069	FALSE
0,108	0,306	0,004	0,012	0,145	FALSE
0,007	0,289	0,000	0,008	0,002	FALSE
-0,047	0,310	-0,001	0,008	0,059	FALSE
-0,007	0,308	0,000	0,010	0,005	FALSE
-0,080	0,304	-0,003	0,010	0,116	FALSE
-0,044	0,317	-0,001	0,012	0,038	FALSE
0,011	0,310	0,000	0,010	0,009	FALSE
-0,043	0,305	-0,001	0,006	0,042	FALSE
0,015	0,301	0,000	0,007	0,006	FALSE
-0,139	0,305	-0,005	0,010	0,196	FALSE
0,057	0,322	0,002	0,008	0,090	FALSE
0,087	0,320	0,003	0,009	0,121	FALSE
-0,096	0,306	-0,004	0,011	0,143	FALSE
-0,021	0,306	-0,001	0,011	0,040	FALSE
0,180	0,297	0,004	0,007	0,272	FALSE
-0,118	0,313	-0,003	0,008	0,166	FALSE
0,177	0,270	0,006	0,009	0,326	FALSE
-0,061	0,315	-0,002	0,011	0,086	FALSE
-0,051	0,305	-0,001	0,007	0,055	FALSE
0,148	0,296	0,003	0,006	0,242	FALSE
0,045	0,311	0,000	0,007	0,014	FALSE
-0,086	0,308	-0,002	0,009	0,077	FALSE
0,006	0,315	0,001	0,013	0,031	FALSE
-0,029	0,295	0,000	0,010	0,008	FALSE

-0,072	0,308	-0,003	0,011	0,116	FALSE
-0,110	0,325	-0,004	0,013	0,117	FALSE
-0,080	0,320	-0,002	0,010	0,086	FALSE
-0,032	0,305	-0,001	0,008	0,024	FALSE
-0,206	0,293	-0,008	0,012	0,299	FALSE
-0,044	0,301	-0,001	0,006	0,034	FALSE
-0,096	0,305	-0,004	0,011	0,134	FALSE
-0,009	0,304	0,000	0,007	0,015	FALSE
0,086	0,301	0,002	0,007	0,108	FALSE
-0,025	0,296	-0,001	0,010	0,038	FALSE
0,043	0,288	0,001	0,009	0,052	FALSE
-0,097	0,296	-0,004	0,011	0,130	FALSE
-0,054	0,310	-0,001	0,006	0,068	FALSE
-0,078	0,311	-0,002	0,009	0,110	FALSE
-0,092	0,304	-0,004	0,011	0,123	FALSE
-0,109	0,304	-0,002	0,007	0,115	FALSE
-0,014	0,295	-0,001	0,007	0,040	FALSE
0,091	0,307	0,002	0,009	0,112	FALSE
-0,091	0,306	-0,003	0,008	0,133	FALSE
-0,071	0,309	-0,004	0,011	0,130	FALSE
-0,197	0,291	-0,005	0,007	0,279	FALSE
0,081	0,312	0,002	0,007	0,090	FALSE
0,040	0,301	0,001	0,012	0,018	FALSE
-0,138	0,297	-0,003	0,008	0,169	FALSE
-0,025	0,314	-0,001	0,009	0,039	FALSE
0,046	0,296	0,001	0,009	0,058	FALSE
0,117	0,312	0,004	0,012	0,136	FALSE
0,047	0,309	0,003	0,012	0,097	FALSE
-0,088	0,306	-0,002	0,008	0,109	FALSE
0,077	0,299	0,003	0,009	0,113	FALSE
0,122	0,309	0,003	0,009	0,148	FALSE
-0,045	0,305	-0,002	0,011	0,078	FALSE
-0,049	0,313	-0,003	0,011	0,092	FALSE
0,010	0,301	0,000	0,011	0,009	FALSE
-0,034	0,321	-0,002	0,010	0,062	FALSE
-0,064	0,311	-0,002	0,013	0,053	FALSE
-0,088	0,299	-0,002	0,007	0,108	FALSE
-0,005	0,303	0,000	0,008	0,011	FALSE
0,032	0,300	0,001	0,007	0,059	FALSE
0,069	0,299	0,003	0,012	0,109	FALSE
0,041	0,311	0,001	0,006	0,036	FALSE
0,067	0,312	0,002	0,010	0,073	FALSE
-0,008	0,303	-0,001	0,009	0,025	FALSE
-0,006	0,305	-0,001	0,009	0,025	FALSE
-0,070	0,296	-0,003	0,010	0,109	FALSE
-0,049	0,317	-0,002	0,011	0,070	FALSE
0,053	0,303	0,002	0,009	0,074	FALSE
-0,059	0,291	-0,003	0,012	0,099	FALSE
0,037	0,306	0,001	0,008	0,051	FALSE
-0,064	0,309	-0,001	0,007	0,057	FALSE
0,072	0,312	0,002	0,007	0,110	FALSE
-0,054	0,306	-0,002	0,010	0,064	FALSE
-0,005	0,326	-0,001	0,013	0,024	FALSE

0,045	0,306	0,001	0,007	0,046	FALSE
-0,028	0,307	0,000	0,007	0,001	FALSE
-0,025	0,314	-0,001	0,007	0,076	FALSE
0,042	0,298	0,003	0,012	0,110	FALSE
0,057	0,305	0,001	0,006	0,073	FALSE
-0,007	0,299	-0,001	0,010	0,037	FALSE
-0,101	0,304	-0,005	0,012	0,159	FALSE
-0,045	0,308	-0,002	0,010	0,083	FALSE
0,000	0,317	0,000	0,010	0,004	FALSE
0,045	0,303	0,001	0,008	0,064	FALSE
-0,094	0,298	-0,003	0,007	0,169	FALSE
-0,011	0,310	0,000	0,009	0,004	FALSE
-0,038	0,299	-0,001	0,011	0,028	FALSE
0,061	0,311	0,003	0,013	0,102	FALSE
0,007	0,287	0,001	0,009	0,045	FALSE
0,070	0,321	0,002	0,007	0,078	FALSE
-0,065	0,307	-0,002	0,009	0,095	FALSE
0,006	0,310	-0,001	0,012	0,018	FALSE
0,069	0,303	0,003	0,012	0,086	FALSE
0,035	0,301	0,001	0,007	0,037	FALSE
0,069	0,303	0,002	0,008	0,071	FALSE
-0,039	0,308	-0,001	0,009	0,056	FALSE
-0,018	0,304	0,000	0,009	0,014	FALSE
0,043	0,302	0,001	0,008	0,059	FALSE
-0,041	0,317	-0,002	0,009	0,064	FALSE
-0,109	0,298	-0,003	0,007	0,158	FALSE
-0,115	0,315	-0,003	0,007	0,147	FALSE
0,027	0,313	0,002	0,012	0,054	FALSE
0,185	0,286	0,006	0,009	0,293	FALSE
0,041	0,307	0,001	0,009	0,055	FALSE
-0,018	0,309	-0,001	0,008	0,045	FALSE
-0,047	0,307	-0,001	0,013	0,030	FALSE
0,085	0,298	0,002	0,009	0,101	FALSE
-0,019	0,303	0,000	0,012	0,007	FALSE
-0,014	0,290	-0,002	0,009	0,061	FALSE
0,042	0,297	0,001	0,008	0,057	FALSE
0,004	0,310	0,000	0,008	0,014	FALSE
0,027	0,317	0,001	0,006	0,047	FALSE
0,008	0,311	0,000	0,011	0,013	FALSE
-0,150	0,297	-0,003	0,007	0,180	FALSE
-0,034	0,302	-0,001	0,008	0,049	FALSE
-0,010	0,314	-0,001	0,007	0,028	FALSE
0,048	0,296	0,000	0,008	0,023	FALSE
0,129	0,301	0,003	0,007	0,192	FALSE
-0,136	0,300	-0,003	0,007	0,168	FALSE
-0,044	0,297	-0,001	0,013	0,028	FALSE
-0,112	0,302	-0,003	0,007	0,144	FALSE
0,020	0,299	0,000	0,007	0,017	FALSE
-0,038	0,315	-0,001	0,008	0,034	FALSE
0,051	0,307	0,002	0,009	0,064	FALSE
0,167	0,298	0,004	0,007	0,227	FALSE
0,081	0,306	0,002	0,006	0,113	FALSE
0,083	0,316	0,003	0,007	0,134	FALSE

-0,039	0,310	-0,001	0,007	0,073	FALSE
0,007	0,302	0,000	0,008	0,002	FALSE
-0,007	0,317	0,000	0,007	0,019	FALSE
-0,054	0,310	-0,002	0,011	0,055	FALSE
-0,075	0,293	-0,002	0,008	0,087	FALSE
-0,003	0,308	0,000	0,008	0,011	FALSE
-0,014	0,311	0,000	0,009	0,000	FALSE
0,020	0,310	0,000	0,011	0,005	FALSE
0,008	0,317	0,000	0,011	0,004	FALSE
0,018	0,310	0,000	0,011	0,010	FALSE
-0,110	0,295	-0,004	0,012	0,120	FALSE
0,086	0,308	0,002	0,009	0,081	FALSE
0,077	0,288	0,002	0,010	0,075	FALSE
0,060	0,308	0,001	0,010	0,054	FALSE
0,036	0,309	0,001	0,006	0,074	FALSE
-0,056	0,304	-0,002	0,006	0,092	FALSE
0,052	0,310	0,001	0,006	0,086	FALSE
-0,005	0,307	0,000	0,010	0,016	FALSE
0,024	0,324	0,001	0,013	0,021	FALSE
-0,167	0,296	-0,006	0,012	0,228	FALSE
0,047	0,307	0,002	0,012	0,068	FALSE
-0,008	0,310	0,000	0,006	0,027	FALSE
0,008	0,318	0,001	0,013	0,026	FALSE
0,056	0,311	0,002	0,008	0,087	FALSE
-0,076	0,307	-0,002	0,008	0,076	FALSE
0,149	0,294	0,004	0,008	0,183	FALSE
0,092	0,300	0,004	0,012	0,111	FALSE
0,035	0,296	0,001	0,008	0,068	FALSE
0,010	0,304	0,000	0,011	0,000	FALSE
0,036	0,306	0,000	0,008	0,015	FALSE
0,012	0,295	0,000	0,008	0,013	FALSE
0,001	0,309	0,000	0,011	0,008	FALSE
0,064	0,305	0,003	0,013	0,101	FALSE
0,002	0,296	0,000	0,010	0,005	FALSE
-0,047	0,309	-0,002	0,013	0,068	FALSE
-0,037	0,301	-0,001	0,008	0,059	FALSE
-0,196	0,298	-0,008	0,012	0,297	FALSE
-0,061	0,314	-0,003	0,011	0,100	FALSE
0,040	0,297	0,001	0,011	0,051	FALSE
-0,027	0,304	-0,001	0,010	0,046	FALSE
0,010	0,307	0,000	0,008	0,017	FALSE
-0,141	0,307	-0,003	0,006	0,202	FALSE
0,060	0,318	0,002	0,010	0,058	FALSE
-0,046	0,305	-0,001	0,007	0,048	FALSE
-0,057	0,302	-0,001	0,007	0,063	FALSE
-0,090	0,320	-0,002	0,010	0,093	FALSE
0,019	0,298	0,001	0,012	0,017	FALSE
0,077	0,307	0,002	0,008	0,100	FALSE
-0,007	0,325	0,000	0,007	0,002	FALSE
0,016	0,307	0,001	0,012	0,029	FALSE
-0,095	0,298	-0,003	0,008	0,121	FALSE
0,006	0,287	0,000	0,008	0,015	FALSE
0,081	0,306	0,002	0,007	0,093	FALSE

-0,034	0,313	-0,001	0,010	0,030	FALSE
-0,043	0,306	-0,002	0,009	0,065	FALSE
0,128	0,309	0,003	0,006	0,187	FALSE
-0,043	0,310	-0,001	0,007	0,047	FALSE
0,003	0,310	0,000	0,007	0,008	FALSE
-0,129	0,317	-0,004	0,009	0,191	FALSE
0,029	0,318	0,001	0,009	0,034	FALSE
-0,073	0,311	-0,001	0,006	0,082	FALSE
0,133	0,304	0,003	0,010	0,133	FALSE
0,218	0,289	0,008	0,012	0,268	FALSE
0,100	0,305	0,002	0,007	0,091	FALSE
-0,014	0,322	0,000	0,012	0,008	FALSE
-0,004	0,309	0,000	0,011	0,001	FALSE
-0,044	0,302	-0,001	0,012	0,041	FALSE
0,056	0,298	0,001	0,006	0,080	FALSE
-0,059	0,306	-0,002	0,007	0,076	FALSE
-0,008	0,310	0,000	0,008	0,004	FALSE
0,046	0,303	0,001	0,007	0,066	FALSE
0,020	0,312	0,000	0,008	0,017	FALSE
0,026	0,312	0,000	0,007	0,023	FALSE
0,165	0,299	0,006	0,011	0,243	FALSE
0,005	0,311	0,000	0,008	0,003	FALSE
0,035	0,306	0,002	0,012	0,062	FALSE
0,097	0,309	0,004	0,012	0,135	FALSE
-0,044	0,308	-0,001	0,011	0,041	FALSE
0,032	0,303	0,002	0,010	0,074	FALSE
-0,050	0,311	-0,002	0,012	0,066	FALSE
0,003	0,300	0,000	0,009	0,014	FALSE
-0,007	0,299	0,000	0,007	0,000	FALSE
-0,091	0,310	-0,003	0,012	0,097	FALSE
-0,075	0,307	-0,003	0,012	0,089	FALSE
-0,019	0,317	0,000	0,007	0,006	FALSE
-0,001	0,296	0,000	0,007	0,021	FALSE
-0,184	0,292	-0,009	0,013	0,341	FALSE
0,094	0,289	0,004	0,009	0,184	FALSE
-0,058	0,296	-0,001	0,007	0,060	FALSE
-0,057	0,305	-0,002	0,009	0,079	FALSE
-0,034	0,318	-0,001	0,010	0,044	FALSE
0,126	0,303	0,003	0,007	0,143	FALSE
-0,013	0,314	-0,001	0,006	0,052	FALSE
0,068	0,299	0,002	0,010	0,095	FALSE
-0,035	0,312	-0,001	0,009	0,039	FALSE
0,018	0,294	0,000	0,007	0,001	FALSE
-0,049	0,308	-0,001	0,011	0,046	FALSE
-0,021	0,316	0,000	0,009	0,010	FALSE
-0,012	0,311	-0,001	0,011	0,035	FALSE
-0,142	0,311	-0,003	0,007	0,196	FALSE
0,089	0,297	0,004	0,012	0,135	FALSE
0,064	0,314	0,002	0,011	0,070	FALSE
0,013	0,319	0,000	0,009	0,014	FALSE
-0,081	0,309	-0,003	0,009	0,117	FALSE
-0,034	0,301	0,000	0,010	0,006	FALSE
-0,001	0,296	-0,001	0,012	0,042	FALSE

-0,185	0,303	-0,003	0,006	0,237	FALSE
0,065	0,310	0,002	0,013	0,063	FALSE
0,128	0,322	0,003	0,008	0,148	FALSE
-0,107	0,323	-0,002	0,007	0,137	FALSE
-0,196	0,309	-0,005	0,008	0,271	FALSE
-0,026	0,298	-0,001	0,009	0,040	FALSE
0,007	0,312	0,000	0,012	0,011	FALSE
-0,148	0,308	-0,003	0,008	0,188	FALSE
0,090	0,297	0,003	0,012	0,116	FALSE
-0,114	0,292	-0,004	0,008	0,205	FALSE
0,097	0,297	0,004	0,012	0,126	FALSE
0,095	0,301	0,005	0,013	0,144	FALSE
0,044	0,309	0,001	0,007	0,041	FALSE
-0,050	0,305	-0,002	0,013	0,061	FALSE
-0,095	0,287	-0,003	0,008	0,129	FALSE
0,027	0,311	0,000	0,006	0,011	FALSE
-0,163	0,297	-0,005	0,009	0,227	FALSE
-0,069	0,312	-0,002	0,007	0,096	FALSE
-0,091	0,306	-0,002	0,007	0,104	FALSE
0,000	0,306	0,000	0,007	0,008	FALSE
0,042	0,310	0,002	0,011	0,069	FALSE
-0,031	0,322	-0,001	0,008	0,057	FALSE
0,097	0,325	0,003	0,012	0,104	FALSE
-0,074	0,296	-0,001	0,011	0,041	FALSE
0,022	0,306	0,000	0,006	0,018	FALSE
-0,041	0,313	-0,002	0,010	0,062	FALSE
0,138	0,311	0,004	0,008	0,213	FALSE
0,143	0,316	0,004	0,008	0,211	FALSE
0,035	0,300	0,002	0,009	0,067	FALSE
0,050	0,305	0,001	0,006	0,041	FALSE
0,039	0,327	0,001	0,007	0,051	FALSE
0,078	0,307	0,003	0,012	0,088	FALSE
-0,057	0,308	-0,002	0,013	0,053	FALSE
-0,057	0,304	-0,001	0,007	0,045	FALSE
-0,016	0,321	-0,001	0,012	0,017	FALSE
-0,027	0,312	-0,001	0,012	0,026	FALSE
-0,111	0,305	-0,003	0,007	0,162	FALSE
0,012	0,305	-0,001	0,012	0,044	FALSE
-0,002	0,303	0,000	0,009	0,013	FALSE
-0,036	0,314	-0,001	0,013	0,031	FALSE
0,105	0,318	0,003	0,009	0,148	FALSE
-0,126	0,308	-0,003	0,007	0,187	FALSE
-0,111	0,311	-0,003	0,007	0,161	FALSE
0,048	0,310	0,001	0,008	0,029	FALSE
0,082	0,314	0,004	0,013	0,122	FALSE
-0,022	0,305	-0,001	0,008	0,056	FALSE
0,028	0,312	0,001	0,008	0,044	FALSE
0,048	0,309	0,001	0,007	0,064	FALSE
0,080	0,309	0,002	0,008	0,119	FALSE
0,139	0,313	0,007	0,013	0,217	FALSE
-0,067	0,307	-0,002	0,008	0,106	FALSE
0,087	0,301	0,002	0,008	0,108	FALSE
0,013	0,312	0,000	0,007	0,001	FALSE

0,025	0,307	0,002	0,012	0,051	FALSE
-0,070	0,308	-0,002	0,010	0,060	FALSE
0,183	0,306	0,008	0,013	0,275	FALSE
0,046	0,304	0,002	0,010	0,086	FALSE
0,007	0,315	0,000	0,012	0,002	FALSE
-0,001	0,310	0,000	0,009	0,021	FALSE
-0,107	0,276	-0,002	0,008	0,086	FALSE
-0,001	0,308	-0,001	0,011	0,034	FALSE
0,149	0,298	0,004	0,007	0,254	FALSE
0,071	0,315	0,002	0,007	0,086	FALSE
-0,046	0,305	-0,002	0,010	0,092	FALSE
0,126	0,307	0,003	0,008	0,180	FALSE
-0,038	0,309	-0,001	0,012	0,021	FALSE
-0,007	0,311	-0,001	0,011	0,027	FALSE
0,037	0,303	0,001	0,011	0,043	FALSE
-0,011	0,314	0,001	0,013	0,016	FALSE
-0,044	0,310	-0,001	0,012	0,046	FALSE
0,073	0,305	0,002	0,007	0,105	FALSE
-0,059	0,299	-0,001	0,010	0,039	FALSE
0,013	0,303	0,001	0,006	0,030	FALSE
-0,098	0,307	-0,003	0,008	0,122	FALSE
0,032	0,298	0,001	0,006	0,051	FALSE
-0,084	0,314	-0,002	0,008	0,095	FALSE
-0,114	0,291	-0,004	0,012	0,144	FALSE
0,073	0,312	0,002	0,011	0,058	FALSE
0,030	0,294	0,000	0,012	0,013	FALSE
-0,015	0,304	-0,001	0,007	0,037	FALSE
-0,081	0,302	-0,002	0,008	0,128	FALSE
0,063	0,288	0,001	0,006	0,034	FALSE
0,062	0,310	0,002	0,010	0,064	FALSE
0,026	0,298	0,001	0,011	0,034	FALSE
-0,001	0,302	-0,001	0,011	0,028	FALSE
0,046	0,295	0,000	0,006	0,022	FALSE
-0,062	0,304	-0,002	0,007	0,086	FALSE
-0,011	0,305	0,000	0,006	0,015	FALSE
0,084	0,300	0,003	0,009	0,126	FALSE
-0,050	0,280	-0,003	0,012	0,081	FALSE
0,024	0,301	0,002	0,011	0,050	FALSE
0,078	0,312	0,003	0,011	0,118	FALSE
0,044	0,298	0,000	0,008	0,016	FALSE
-0,102	0,312	-0,002	0,007	0,129	FALSE
-0,046	0,319	-0,002	0,013	0,055	FALSE
0,058	0,308	0,002	0,007	0,102	FALSE
0,016	0,308	0,000	0,009	0,004	FALSE
0,040	0,319	0,001	0,010	0,030	FALSE
-0,073	0,302	-0,005	0,012	0,153	FALSE
-0,026	0,299	-0,001	0,009	0,039	FALSE
0,046	0,310	0,001	0,012	0,023	FALSE
-0,100	0,303	-0,004	0,010	0,147	FALSE
-0,096	0,302	-0,004	0,011	0,138	FALSE
0,081	0,293	0,003	0,008	0,148	FALSE
0,011	0,299	0,001	0,006	0,033	FALSE
-0,112	0,295	-0,004	0,010	0,153	FALSE

-0,064	0,308	-0,002	0,009	0,077	FALSE
0,052	0,304	0,001	0,007	0,067	FALSE
-0,063	0,297	-0,002	0,009	0,095	FALSE
-0,002	0,304	0,000	0,007	0,011	FALSE
-0,025	0,313	-0,001	0,011	0,022	FALSE
-0,004	0,300	-0,001	0,006	0,032	FALSE
0,039	0,314	0,001	0,007	0,042	FALSE
-0,021	0,311	-0,001	0,011	0,016	FALSE
0,024	0,317	0,001	0,008	0,051	FALSE
-0,069	0,308	-0,002	0,008	0,074	FALSE
-0,175	0,316	-0,004	0,008	0,229	FALSE
0,002	0,304	0,000	0,006	0,005	FALSE
0,029	0,315	0,001	0,008	0,054	FALSE
-0,003	0,315	0,000	0,007	0,014	FALSE
0,064	0,302	0,002	0,009	0,103	FALSE
0,000	0,302	-0,001	0,010	0,018	FALSE
-0,028	0,299	-0,001	0,008	0,057	FALSE
-0,080	0,318	-0,002	0,007	0,094	FALSE
-0,081	0,287	-0,002	0,007	0,109	FALSE
-0,059	0,304	-0,002	0,008	0,080	FALSE
0,119	0,309	0,002	0,007	0,117	FALSE
0,121	0,291	0,002	0,006	0,117	FALSE
-0,045	0,301	-0,002	0,010	0,091	FALSE
-0,038	0,309	-0,002	0,011	0,062	FALSE
0,055	0,295	0,001	0,012	0,035	FALSE
-0,128	0,299	-0,004	0,010	0,160	FALSE
0,022	0,307	0,000	0,008	0,021	FALSE
-0,076	0,305	-0,003	0,011	0,103	FALSE
-0,052	0,315	-0,002	0,010	0,063	FALSE
0,092	0,306	0,002	0,009	0,065	FALSE
-0,036	0,302	-0,001	0,007	0,054	FALSE
-0,043	0,307	-0,002	0,011	0,059	FALSE
0,056	0,299	0,002	0,009	0,067	FALSE
0,125	0,293	0,004	0,009	0,158	FALSE
0,100	0,310	0,004	0,012	0,121	FALSE
-0,008	0,298	-0,001	0,007	0,030	FALSE
-0,002	0,318	0,000	0,007	0,024	FALSE
0,013	0,313	0,000	0,011	0,005	FALSE
0,061	0,308	0,001	0,007	0,035	FALSE
0,024	0,291	0,002	0,007	0,076	FALSE
-0,045	0,305	-0,002	0,011	0,084	FALSE
0,006	0,296	0,000	0,007	0,015	FALSE
0,076	0,308	0,002	0,009	0,075	FALSE
-0,111	0,307	-0,002	0,006	0,165	FALSE
-0,042	0,312	-0,002	0,012	0,069	FALSE
-0,073	0,299	-0,004	0,012	0,132	FALSE
-0,017	0,307	0,000	0,009	0,003	FALSE
0,144	0,309	0,006	0,012	0,211	FALSE
-0,054	0,319	-0,002	0,011	0,079	FALSE
-0,009	0,306	0,000	0,009	0,012	FALSE
0,001	0,311	0,000	0,009	0,012	FALSE
-0,051	0,307	-0,002	0,013	0,068	FALSE
0,082	0,282	0,002	0,007	0,136	FALSE

-0,163	0,308	-0,004	0,007	0,222	FALSE
0,131	0,310	0,003	0,007	0,179	FALSE
0,033	0,304	0,000	0,012	0,013	FALSE
-0,041	0,310	-0,002	0,011	0,050	FALSE
-0,067	0,301	-0,002	0,010	0,087	FALSE
0,166	0,302	0,005	0,009	0,259	FALSE
-0,165	0,301	-0,006	0,012	0,224	FALSE
-0,085	0,314	-0,004	0,012	0,122	FALSE
-0,054	0,312	-0,002	0,011	0,084	FALSE
-0,076	0,314	-0,003	0,012	0,118	FALSE
-0,079	0,316	-0,003	0,012	0,106	FALSE
-0,044	0,321	-0,002	0,012	0,071	FALSE
-0,063	0,316	-0,003	0,011	0,102	FALSE
0,109	0,295	0,004	0,011	0,154	FALSE
0,099	0,296	0,003	0,008	0,122	FALSE
-0,037	0,307	-0,001	0,008	0,045	FALSE
0,024	0,297	0,001	0,007	0,049	FALSE
0,079	0,300	0,003	0,009	0,127	FALSE
-0,043	0,312	-0,001	0,007	0,058	FALSE
0,032	0,318	0,002	0,013	0,059	FALSE
-0,023	0,311	-0,002	0,013	0,070	FALSE
0,054	0,307	0,003	0,012	0,093	FALSE
0,040	0,309	0,003	0,011	0,085	FALSE
0,041	0,303	0,002	0,011	0,056	FALSE
-0,014	0,308	-0,001	0,012	0,026	FALSE
-0,084	0,300	-0,002	0,010	0,096	FALSE
0,123	0,293	0,004	0,011	0,153	FALSE
-0,088	0,306	-0,002	0,008	0,082	FALSE
-0,088	0,298	-0,003	0,009	0,111	FALSE
0,017	0,298	0,001	0,008	0,044	FALSE
0,152	0,316	0,005	0,010	0,178	FALSE
0,080	0,315	0,001	0,009	0,035	FALSE
-0,014	0,306	0,000	0,008	0,005	FALSE
-0,073	0,303	-0,002	0,007	0,123	FALSE
-0,026	0,300	0,000	0,008	0,013	FALSE
0,001	0,324	0,000	0,012	0,011	FALSE
-0,016	0,295	-0,001	0,008	0,049	FALSE
-0,108	0,304	-0,002	0,007	0,133	FALSE
-0,141	0,307	-0,006	0,013	0,182	FALSE
-0,026	0,325	0,000	0,009	0,017	FALSE
0,068	0,311	0,003	0,010	0,107	FALSE
-0,048	0,301	-0,002	0,008	0,075	FALSE
-0,076	0,313	-0,002	0,008	0,097	FALSE
-0,003	0,303	0,001	0,011	0,046	FALSE
0,126	0,305	0,003	0,007	0,163	FALSE
0,003	0,315	0,000	0,008	0,011	FALSE
-0,134	0,308	-0,004	0,009	0,213	FALSE
-0,011	0,306	-0,001	0,008	0,037	FALSE
0,056	0,300	0,002	0,006	0,096	FALSE
0,208	0,307	0,007	0,010	0,337	FALSE
0,124	0,308	0,005	0,010	0,190	FALSE
-0,004	0,305	0,001	0,009	0,039	FALSE
0,027	0,311	0,001	0,008	0,052	FALSE

-0,007	0,294	0,000	0,006	0,004	FALSE
0,077	0,310	0,002	0,009	0,077	FALSE
0,043	0,307	0,001	0,008	0,038	FALSE
0,118	0,303	0,003	0,007	0,161	FALSE
0,030	0,313	0,001	0,008	0,028	FALSE
-0,085	0,317	-0,002	0,008	0,096	FALSE
0,038	0,305	0,001	0,007	0,036	FALSE
-0,036	0,313	-0,001	0,010	0,036	FALSE
0,100	0,298	0,003	0,008	0,164	FALSE
-0,152	0,295	-0,005	0,008	0,243	FALSE
0,006	0,317	0,000	0,013	0,009	FALSE
0,094	0,311	0,004	0,012	0,115	FALSE
-0,188	0,300	-0,005	0,007	0,290	FALSE
-0,089	0,300	-0,004	0,009	0,154	FALSE
-0,079	0,307	-0,002	0,012	0,072	FALSE
0,109	0,291	0,005	0,011	0,196	FALSE
-0,165	0,308	-0,008	0,012	0,283	FALSE
0,094	0,311	0,004	0,011	0,168	FALSE
-0,117	0,299	-0,004	0,010	0,144	FALSE
-0,051	0,307	-0,003	0,013	0,079	FALSE
-0,031	0,300	-0,001	0,007	0,047	FALSE
-0,155	0,296	-0,003	0,007	0,185	FALSE
0,095	0,306	0,003	0,009	0,138	FALSE
0,074	0,321	0,002	0,008	0,100	FALSE
0,123	0,299	0,006	0,011	0,211	FALSE
-0,095	0,293	-0,005	0,012	0,152	FALSE
0,033	0,317	0,001	0,013	0,037	FALSE
0,125	0,313	0,003	0,007	0,148	FALSE
-0,121	0,281	-0,004	0,009	0,206	FALSE
0,115	0,296	0,004	0,008	0,173	FALSE
0,066	0,313	0,001	0,007	0,076	FALSE
0,118	0,306	0,003	0,007	0,138	FALSE
0,045	0,306	0,001	0,009	0,045	FALSE
0,147	0,287	0,003	0,006	0,189	FALSE
-0,014	0,319	-0,001	0,008	0,032	FALSE
0,112	0,296	0,004	0,012	0,116	FALSE
0,121	0,303	0,004	0,012	0,145	FALSE
0,116	0,300	0,004	0,012	0,133	FALSE
0,140	0,304	0,005	0,013	0,164	FALSE
-0,035	0,307	-0,001	0,012	0,038	FALSE
-0,015	0,310	-0,001	0,008	0,046	FALSE
-0,040	0,301	-0,001	0,006	0,069	FALSE
0,130	0,300	0,004	0,009	0,189	FALSE
0,092	0,309	0,003	0,009	0,130	FALSE
0,077	0,309	0,003	0,011	0,117	FALSE
0,115	0,299	0,004	0,010	0,178	FALSE
0,050	0,310	0,001	0,012	0,039	FALSE
0,096	0,313	0,003	0,011	0,109	FALSE
0,030	0,306	0,001	0,010	0,050	FALSE
0,114	0,298	0,005	0,011	0,175	FALSE
0,116	0,292	0,003	0,008	0,146	FALSE
0,027	0,307	0,001	0,008	0,042	FALSE
-0,068	0,315	-0,001	0,006	0,083	FALSE

-0,047	0,320	-0,002	0,008	0,071	FALSE
-0,057	0,311	-0,002	0,007	0,084	FALSE
0,012	0,298	0,000	0,010	0,015	FALSE
-0,019	0,308	0,000	0,011	0,015	FALSE
0,015	0,302	0,000	0,007	0,015	FALSE
0,139	0,303	0,003	0,006	0,171	FALSE
-0,050	0,312	-0,002	0,013	0,043	FALSE
-0,062	0,299	-0,001	0,007	0,079	FALSE
-0,064	0,313	-0,001	0,007	0,080	FALSE
-0,053	0,324	-0,002	0,007	0,099	FALSE
0,175	0,304	0,004	0,007	0,260	FALSE
-0,066	0,308	-0,003	0,013	0,101	FALSE
0,066	0,304	0,001	0,006	0,053	FALSE
0,118	0,311	0,003	0,009	0,140	FALSE
-0,055	0,313	-0,002	0,011	0,072	FALSE
-0,057	0,306	0,000	0,006	0,027	FALSE
-0,072	0,298	-0,002	0,008	0,090	FALSE
0,027	0,320	0,001	0,007	0,026	FALSE
0,060	0,302	0,001	0,007	0,047	FALSE
0,061	0,294	0,002	0,011	0,068	FALSE
0,119	0,314	0,003	0,009	0,134	FALSE
-0,023	0,304	0,000	0,007	0,023	FALSE
-0,043	0,299	-0,001	0,007	0,071	FALSE
-0,011	0,305	0,000	0,012	0,001	FALSE
0,073	0,307	0,003	0,013	0,075	FALSE
0,055	0,319	0,002	0,012	0,049	FALSE
-0,067	0,315	-0,002	0,007	0,097	FALSE
-0,071	0,300	-0,002	0,010	0,092	FALSE
0,067	0,302	0,003	0,009	0,111	FALSE
0,001	0,312	0,000	0,008	0,003	FALSE
-0,041	0,312	-0,001	0,008	0,043	FALSE
-0,088	0,320	-0,002	0,008	0,092	FALSE
-0,124	0,308	-0,005	0,012	0,160	FALSE
-0,071	0,307	-0,001	0,006	0,078	FALSE
-0,025	0,312	-0,001	0,009	0,031	FALSE
0,056	0,310	0,001	0,010	0,044	FALSE
-0,132	0,302	-0,002	0,007	0,135	FALSE
-0,194	0,294	-0,006	0,010	0,271	FALSE
-0,177	0,294	-0,006	0,010	0,283	FALSE
-0,091	0,311	-0,003	0,011	0,101	FALSE
-0,028	0,315	-0,001	0,012	0,034	FALSE
-0,033	0,304	-0,002	0,011	0,052	FALSE
0,042	0,311	0,001	0,006	0,061	FALSE
-0,007	0,310	0,000	0,009	0,004	FALSE
0,078	0,292	0,002	0,006	0,105	FALSE
-0,140	0,310	-0,005	0,012	0,179	FALSE
-0,087	0,301	-0,003	0,012	0,108	FALSE
0,059	0,311	0,003	0,013	0,083	FALSE
-0,103	0,305	-0,002	0,007	0,142	FALSE
-0,137	0,303	-0,003	0,007	0,201	FALSE
0,061	0,310	0,002	0,011	0,079	FALSE
0,039	0,307	0,002	0,012	0,066	FALSE
0,023	0,301	0,000	0,008	0,005	FALSE

0,086	0,304	0,003	0,010	0,108	FALSE
0,104	0,301	0,002	0,006	0,125	FALSE
0,046	0,310	0,001	0,008	0,051	FALSE
-0,143	0,299	-0,005	0,012	0,182	FALSE
-0,002	0,312	0,000	0,011	0,014	FALSE
0,004	0,311	0,000	0,007	0,002	FALSE
-0,162	0,297	-0,005	0,009	0,219	FALSE
-0,045	0,317	-0,001	0,012	0,024	FALSE
-0,083	0,303	-0,002	0,008	0,081	FALSE
0,119	0,311	0,005	0,013	0,154	FALSE
0,028	0,302	0,001	0,010	0,027	FALSE
-0,027	0,315	-0,003	0,013	0,077	FALSE
0,076	0,309	0,002	0,011	0,059	FALSE
-0,064	0,301	-0,002	0,011	0,053	FALSE
-0,074	0,318	-0,002	0,006	0,098	FALSE
0,012	0,316	0,000	0,007	0,002	FALSE
0,025	0,324	0,001	0,009	0,039	FALSE
0,052	0,301	0,001	0,007	0,029	FALSE
0,032	0,298	0,001	0,008	0,044	FALSE
-0,119	0,303	-0,003	0,006	0,173	FALSE
-0,068	0,302	-0,003	0,012	0,101	FALSE
-0,042	0,310	-0,002	0,010	0,077	FALSE
0,007	0,323	-0,001	0,009	0,027	FALSE
-0,011	0,314	-0,001	0,010	0,021	FALSE
0,132	0,308	0,005	0,011	0,186	FALSE
-0,092	0,304	-0,002	0,006	0,128	FALSE
-0,080	0,309	-0,002	0,007	0,116	FALSE
0,037	0,311	0,001	0,008	0,034	FALSE
0,079	0,308	0,002	0,007	0,143	FALSE
0,044	0,290	0,002	0,012	0,064	FALSE
-0,084	0,287	-0,003	0,010	0,133	FALSE
0,100	0,310	0,003	0,012	0,094	FALSE
-0,036	0,314	0,000	0,007	0,009	FALSE
0,151	0,301	0,005	0,010	0,210	FALSE
-0,116	0,310	-0,003	0,008	0,136	FALSE
-0,039	0,316	0,000	0,006	0,024	FALSE
0,018	0,302	0,000	0,011	0,007	FALSE
-0,008	0,291	0,000	0,008	0,019	FALSE
0,025	0,306	0,001	0,010	0,028	FALSE
0,053	0,313	0,002	0,008	0,076	FALSE
0,001	0,314	0,001	0,008	0,045	FALSE
-0,029	0,297	-0,001	0,007	0,028	FALSE
0,039	0,299	0,001	0,009	0,037	FALSE
0,017	0,309	0,000	0,011	0,009	FALSE
0,046	0,294	0,001	0,009	0,063	FALSE
-0,109	0,284	-0,005	0,010	0,197	FALSE
-0,046	0,307	-0,001	0,006	0,077	FALSE
-0,041	0,291	-0,001	0,011	0,048	FALSE
-0,024	0,312	-0,002	0,011	0,058	FALSE
-0,035	0,310	-0,002	0,012	0,059	FALSE
0,042	0,307	0,001	0,011	0,041	FALSE
0,023	0,300	0,000	0,006	0,015	FALSE
-0,104	0,306	-0,004	0,011	0,134	FALSE

0,011	0,311	0,000	0,007	0,000	FALSE
0,015	0,300	0,000	0,010	0,003	FALSE
-0,003	0,308	0,000	0,010	0,005	FALSE
0,000	0,309	0,000	0,006	0,008	FALSE
-0,046	0,318	-0,001	0,007	0,057	FALSE
-0,142	0,308	-0,003	0,009	0,164	FALSE
0,171	0,315	0,007	0,013	0,210	FALSE
0,059	0,305	0,001	0,007	0,044	FALSE
-0,230	0,291	-0,005	0,007	0,337	FALSE
-0,153	0,304	-0,004	0,008	0,214	FALSE
-0,159	0,303	-0,005	0,011	0,193	FALSE
-0,175	0,303	-0,004	0,007	0,259	FALSE
0,113	0,293	0,004	0,012	0,143	FALSE
0,043	0,309	0,002	0,013	0,049	FALSE
0,068	0,289	0,003	0,011	0,088	FALSE
0,115	0,301	0,004	0,012	0,153	FALSE
0,053	0,303	0,001	0,007	0,068	FALSE
-0,024	0,300	-0,001	0,012	0,031	FALSE
-0,009	0,317	0,000	0,008	0,005	FALSE
-0,002	0,309	0,000	0,009	0,010	FALSE
-0,027	0,317	-0,001	0,009	0,046	FALSE
0,040	0,314	0,001	0,007	0,028	FALSE
0,072	0,312	0,001	0,007	0,065	FALSE
0,030	0,304	0,001	0,006	0,058	FALSE
0,012	0,312	0,001	0,007	0,033	FALSE
0,238	0,300	0,009	0,011	0,386	FALSE
-0,119	0,300	-0,003	0,006	0,178	FALSE
-0,012	0,312	-0,001	0,007	0,027	FALSE
-0,115	0,308	-0,005	0,012	0,185	FALSE
-0,118	0,304	-0,002	0,007	0,137	FALSE
0,063	0,288	0,003	0,012	0,080	FALSE
-0,044	0,304	-0,001	0,009	0,029	FALSE
-0,034	0,306	-0,001	0,012	0,045	FALSE
-0,064	0,294	-0,002	0,009	0,090	FALSE
-0,154	0,314	-0,006	0,012	0,210	FALSE
-0,021	0,323	0,000	0,008	0,009	FALSE
-0,015	0,297	0,000	0,009	0,017	FALSE
0,141	0,301	0,005	0,009	0,207	FALSE
0,028	0,288	0,001	0,006	0,057	FALSE
-0,027	0,317	-0,001	0,012	0,036	FALSE
0,101	0,313	0,004	0,012	0,115	FALSE
0,017	0,309	0,001	0,008	0,035	FALSE
0,083	0,305	0,004	0,012	0,123	FALSE
0,005	0,314	0,001	0,009	0,035	FALSE
-0,141	0,291	-0,006	0,012	0,237	FALSE
-0,162	0,299	-0,005	0,009	0,213	FALSE
-0,026	0,327	0,000	0,008	0,003	FALSE
-0,059	0,301	-0,001	0,008	0,036	FALSE
-0,103	0,293	-0,003	0,010	0,111	FALSE
-0,026	0,320	0,000	0,012	0,013	FALSE
-0,008	0,308	0,001	0,011	0,025	FALSE
0,101	0,306	0,002	0,007	0,123	FALSE
0,001	0,294	0,000	0,007	0,005	FALSE

0,089	0,307	0,004	0,012	0,138	FALSE
-0,114	0,304	-0,003	0,008	0,156	FALSE
-0,162	0,288	-0,007	0,011	0,287	FALSE
-0,018	0,314	-0,001	0,013	0,033	FALSE
-0,062	0,303	-0,001	0,008	0,046	FALSE
-0,053	0,322	-0,002	0,008	0,069	FALSE
-0,043	0,305	-0,002	0,009	0,068	FALSE
0,042	0,301	0,000	0,007	0,017	FALSE
0,111	0,305	0,004	0,011	0,156	FALSE
-0,012	0,304	0,000	0,012	0,000	FALSE
0,041	0,315	0,001	0,013	0,038	FALSE
0,035	0,290	0,001	0,007	0,027	FALSE
-0,034	0,317	-0,001	0,009	0,048	FALSE
-0,030	0,300	-0,001	0,011	0,045	FALSE
-0,049	0,305	-0,001	0,010	0,052	FALSE
0,024	0,295	0,001	0,008	0,043	FALSE
-0,079	0,305	-0,001	0,007	0,081	FALSE
0,179	0,291	0,004	0,006	0,313	FALSE
-0,032	0,308	-0,001	0,009	0,026	FALSE
-0,069	0,314	-0,002	0,008	0,111	FALSE
-0,020	0,302	-0,001	0,011	0,021	FALSE
-0,088	0,316	-0,004	0,013	0,118	FALSE
-0,031	0,314	-0,001	0,008	0,034	FALSE
-0,014	0,307	-0,001	0,012	0,031	FALSE
-0,062	0,315	-0,003	0,013	0,094	FALSE
0,023	0,300	0,000	0,008	0,004	FALSE
0,003	0,307	0,000	0,010	0,017	FALSE
-0,010	0,315	0,000	0,007	0,003	FALSE
0,109	0,307	0,002	0,007	0,106	FALSE
-0,077	0,322	-0,001	0,010	0,046	FALSE
0,009	0,304	0,002	0,010	0,060	FALSE
0,066	0,319	0,002	0,009	0,065	FALSE
-0,018	0,310	-0,001	0,010	0,052	FALSE
-0,043	0,305	-0,002	0,009	0,069	FALSE
0,037	0,319	0,001	0,009	0,039	FALSE
-0,028	0,307	-0,001	0,009	0,026	FALSE
-0,019	0,311	0,000	0,008	0,003	FALSE
0,081	0,307	0,002	0,007	0,093	FALSE
-0,153	0,307	-0,006	0,011	0,247	FALSE
-0,126	0,296	-0,005	0,011	0,187	FALSE
0,079	0,313	0,002	0,006	0,098	FALSE
0,076	0,310	0,002	0,007	0,124	FALSE
-0,097	0,311	-0,002	0,008	0,125	FALSE
-0,156	0,300	-0,005	0,011	0,189	FALSE
-0,029	0,312	0,000	0,006	0,009	FALSE
-0,096	0,302	-0,002	0,006	0,111	FALSE
0,040	0,306	0,001	0,011	0,039	FALSE
0,103	0,305	0,004	0,013	0,118	FALSE
-0,102	0,299	-0,004	0,012	0,131	FALSE
0,105	0,304	0,004	0,011	0,161	FALSE
0,113	0,305	0,004	0,011	0,157	FALSE
0,088	0,301	0,003	0,010	0,128	FALSE
0,253	0,293	0,008	0,008	0,442	FALSE

0,112	0,306	0,003	0,007	0,159	FALSE
0,096	0,295	0,002	0,006	0,123	FALSE
0,008	0,321	0,000	0,008	0,003	FALSE
-0,059	0,299	-0,003	0,012	0,100	FALSE
0,079	0,304	0,002	0,009	0,095	FALSE
-0,133	0,317	-0,004	0,008	0,174	FALSE
-0,020	0,307	-0,001	0,007	0,026	FALSE
-0,097	0,319	-0,003	0,009	0,107	FALSE
0,051	0,314	0,001	0,010	0,054	FALSE
-0,004	0,307	-0,001	0,008	0,033	FALSE
-0,116	0,306	-0,005	0,012	0,163	FALSE
-0,103	0,322	-0,003	0,007	0,139	FALSE
-0,098	0,304	-0,004	0,012	0,135	FALSE
-0,019	0,308	-0,001	0,010	0,031	FALSE
-0,020	0,297	-0,001	0,010	0,025	FALSE
-0,215	0,300	-0,006	0,010	0,288	FALSE
-0,153	0,315	-0,004	0,008	0,203	FALSE
0,055	0,311	0,001	0,007	0,060	FALSE
0,062	0,299	0,001	0,007	0,078	FALSE
-0,105	0,308	-0,002	0,006	0,141	FALSE
0,137	0,304	0,003	0,007	0,204	FALSE
0,014	0,305	0,000	0,007	0,008	FALSE
-0,071	0,310	-0,003	0,010	0,099	FALSE
-0,018	0,317	-0,002	0,012	0,048	FALSE
0,001	0,314	0,000	0,011	0,011	FALSE
0,004	0,315	0,000	0,009	0,010	FALSE
-0,062	0,290	-0,001	0,008	0,063	FALSE
-0,079	0,306	-0,002	0,009	0,074	FALSE
-0,015	0,316	0,000	0,006	0,011	FALSE
-0,134	0,316	-0,003	0,009	0,149	FALSE
-0,159	0,304	-0,005	0,010	0,227	FALSE
-0,006	0,304	0,000	0,007	0,019	FALSE
-0,137	0,302	-0,003	0,007	0,176	FALSE
-0,005	0,303	0,000	0,008	0,007	FALSE
0,132	0,295	0,004	0,009	0,161	FALSE
-0,001	0,306	0,000	0,009	0,000	FALSE
0,133	0,310	0,005	0,013	0,172	FALSE
0,034	0,311	0,001	0,007	0,035	FALSE
0,098	0,306	0,005	0,012	0,157	FALSE
0,019	0,306	0,000	0,007	0,008	FALSE
-0,059	0,319	-0,001	0,008	0,071	FALSE
0,121	0,308	0,003	0,007	0,175	FALSE
-0,052	0,301	-0,001	0,011	0,045	FALSE
0,006	0,309	0,001	0,010	0,019	FALSE
0,160	0,303	0,004	0,008	0,231	FALSE
0,112	0,305	0,003	0,008	0,145	FALSE
-0,048	0,307	-0,001	0,007	0,047	FALSE
-0,069	0,322	-0,001	0,007	0,058	FALSE
0,106	0,311	0,003	0,009	0,140	FALSE
0,044	0,294	0,000	0,011	0,013	FALSE
-0,150	0,308	-0,006	0,011	0,203	FALSE
0,027	0,317	0,001	0,011	0,031	FALSE
0,093	0,311	0,002	0,007	0,126	FALSE

0,147	0,284	0,006	0,012	0,231	FALSE
-0,223	0,286	-0,008	0,010	0,408	FALSE
-0,082	0,303	-0,002	0,007	0,094	FALSE
-0,100	0,319	-0,002	0,007	0,126	FALSE
-0,046	0,307	-0,002	0,011	0,082	FALSE
-0,034	0,310	-0,001	0,008	0,053	FALSE
0,068	0,303	0,004	0,012	0,113	FALSE
0,094	0,297	0,003	0,008	0,138	FALSE
0,058	0,300	0,000	0,006	0,028	FALSE
0,174	0,300	0,006	0,011	0,255	FALSE
0,155	0,293	0,003	0,006	0,179	FALSE
0,087	0,309	0,002	0,008	0,112	FALSE
-0,091	0,304	-0,003	0,009	0,111	FALSE
-0,092	0,313	-0,003	0,012	0,109	FALSE
0,135	0,310	0,006	0,013	0,205	FALSE
-0,062	0,313	-0,001	0,009	0,046	FALSE
0,041	0,303	0,001	0,006	0,067	FALSE
0,114	0,318	0,005	0,013	0,174	FALSE
0,084	0,307	0,003	0,013	0,099	FALSE
-0,159	0,313	-0,005	0,009	0,243	FALSE
0,152	0,298	0,007	0,012	0,240	FALSE
-0,099	0,317	-0,005	0,012	0,176	FALSE
-0,042	0,290	-0,001	0,008	0,051	FALSE
-0,043	0,311	-0,002	0,010	0,073	FALSE
-0,144	0,296	-0,003	0,007	0,188	FALSE
0,057	0,309	0,001	0,011	0,023	FALSE
0,065	0,292	0,002	0,011	0,054	FALSE
0,009	0,292	0,001	0,007	0,038	FALSE
0,017	0,299	-0,001	0,011	0,032	FALSE
0,023	0,302	0,001	0,012	0,039	FALSE
0,016	0,304	0,001	0,010	0,041	FALSE
-0,014	0,308	0,000	0,008	0,003	FALSE
0,140	0,290	0,004	0,007	0,209	FALSE
-0,119	0,300	-0,003	0,008	0,150	FALSE
0,072	0,302	0,001	0,008	0,073	FALSE
-0,090	0,292	-0,004	0,010	0,154	FALSE
-0,071	0,311	-0,003	0,011	0,100	FALSE
0,003	0,308	0,001	0,012	0,017	FALSE
0,090	0,307	0,002	0,007	0,138	FALSE
0,024	0,321	0,001	0,013	0,040	FALSE
0,021	0,313	0,000	0,012	0,001	FALSE
0,047	0,321	0,001	0,009	0,036	FALSE
0,121	0,302	0,003	0,009	0,138	FALSE
-0,177	0,292	-0,004	0,006	0,260	FALSE
-0,099	0,295	-0,005	0,011	0,178	FALSE
-0,095	0,325	-0,003	0,009	0,145	FALSE
0,151	0,289	0,004	0,006	0,257	FALSE
-0,010	0,305	0,000	0,007	0,001	FALSE
-0,063	0,322	-0,001	0,008	0,063	FALSE
-0,005	0,310	0,000	0,007	0,014	FALSE
0,063	0,304	0,001	0,006	0,036	FALSE
0,164	0,296	0,004	0,007	0,252	FALSE
0,070	0,326	0,002	0,008	0,101	FALSE

0,094	0,300	0,004	0,011	0,136	FALSE
-0,081	0,304	-0,002	0,007	0,101	FALSE
0,009	0,317	0,000	0,007	0,006	FALSE
-0,130	0,312	-0,004	0,008	0,204	FALSE
0,014	0,308	0,000	0,012	0,009	FALSE
0,018	0,328	0,000	0,012	0,012	FALSE
-0,035	0,322	-0,001	0,010	0,026	FALSE
0,070	0,298	0,002	0,009	0,084	FALSE
-0,126	0,308	-0,005	0,012	0,180	FALSE
0,125	0,309	0,005	0,010	0,200	FALSE
-0,098	0,308	-0,004	0,010	0,140	FALSE
-0,056	0,311	-0,002	0,010	0,070	FALSE
-0,137	0,302	-0,004	0,009	0,171	FALSE
0,153	0,300	0,004	0,009	0,210	FALSE
-0,053	0,286	-0,002	0,013	0,059	FALSE
-0,105	0,308	-0,005	0,012	0,155	FALSE
0,096	0,296	0,005	0,011	0,175	FALSE
-0,013	0,316	-0,001	0,011	0,026	FALSE
-0,072	0,315	-0,003	0,013	0,097	FALSE
0,025	0,314	0,000	0,006	0,021	FALSE
0,053	0,282	0,001	0,008	0,069	FALSE
-0,102	0,292	-0,003	0,009	0,147	FALSE
-0,092	0,314	-0,002	0,008	0,114	FALSE
-0,077	0,308	-0,001	0,007	0,086	FALSE
-0,004	0,309	0,000	0,007	0,019	FALSE
0,003	0,295	0,000	0,010	0,010	FALSE
0,119	0,303	0,004	0,010	0,182	FALSE
0,167	0,296	0,004	0,008	0,253	FALSE
-0,062	0,318	-0,004	0,013	0,128	FALSE
0,028	0,310	0,002	0,012	0,057	FALSE
0,079	0,304	0,003	0,011	0,096	FALSE
0,003	0,301	0,000	0,008	0,010	FALSE
0,055	0,309	0,001	0,012	0,040	FALSE
-0,156	0,304	-0,004	0,009	0,220	FALSE
-0,150	0,315	-0,005	0,010	0,200	FALSE
0,107	0,294	0,003	0,012	0,102	FALSE
-0,059	0,296	-0,001	0,012	0,034	FALSE
-0,026	0,312	-0,001	0,007	0,035	FALSE
0,108	0,301	0,003	0,007	0,188	FALSE
0,003	0,304	0,000	0,008	0,013	FALSE
-0,166	0,313	-0,004	0,007	0,248	FALSE
0,040	0,299	0,001	0,007	0,075	FALSE
0,035	0,323	0,001	0,007	0,026	FALSE
0,017	0,306	0,000	0,007	0,022	FALSE
-0,166	0,307	-0,006	0,010	0,257	FALSE
0,245	0,309	0,009	0,011	0,368	FALSE
-0,069	0,301	-0,001	0,008	0,043	FALSE
-0,033	0,302	-0,001	0,006	0,049	FALSE
-0,002	0,313	0,000	0,007	0,002	FALSE
0,063	0,312	0,001	0,007	0,080	FALSE
0,046	0,302	0,001	0,007	0,034	FALSE
0,130	0,301	0,004	0,012	0,148	FALSE
-0,079	0,306	-0,003	0,012	0,105	FALSE

0,057	0,290	0,003	0,012	0,083	FALSE
-0,149	0,304	-0,004	0,008	0,233	FALSE
-0,032	0,318	-0,001	0,012	0,030	FALSE
0,006	0,309	0,000	0,008	0,012	FALSE
-0,013	0,305	-0,001	0,011	0,028	FALSE
-0,006	0,308	0,000	0,006	0,007	FALSE
-0,019	0,298	0,000	0,007	0,017	FALSE
0,087	0,313	0,002	0,007	0,113	FALSE
-0,023	0,312	-0,001	0,007	0,036	FALSE
-0,016	0,300	0,000	0,006	0,012	FALSE
0,075	0,305	0,001	0,007	0,086	FALSE
-0,012	0,307	0,000	0,009	0,010	FALSE
0,013	0,299	0,001	0,009	0,022	FALSE
-0,114	0,306	-0,003	0,009	0,151	FALSE
0,052	0,307	0,000	0,006	0,024	FALSE
0,110	0,311	0,002	0,008	0,108	FALSE
0,090	0,301	0,002	0,007	0,078	FALSE
-0,018	0,299	0,000	0,006	0,008	FALSE
0,113	0,306	0,003	0,009	0,114	FALSE
0,058	0,311	0,002	0,008	0,096	FALSE
0,115	0,313	0,004	0,008	0,177	FALSE
-0,113	0,310	-0,003	0,009	0,132	FALSE
-0,131	0,305	-0,004	0,012	0,148	FALSE
0,065	0,306	0,002	0,013	0,054	FALSE
0,078	0,308	0,002	0,009	0,069	FALSE
0,036	0,306	0,001	0,007	0,043	FALSE
-0,043	0,304	-0,001	0,010	0,051	FALSE
-0,002	0,312	0,000	0,011	0,001	FALSE
-0,058	0,305	-0,002	0,010	0,059	FALSE
-0,018	0,313	-0,001	0,009	0,021	FALSE
-0,064	0,319	-0,002	0,010	0,063	FALSE
-0,040	0,293	-0,001	0,009	0,057	FALSE
-0,009	0,299	0,000	0,009	0,003	FALSE
0,157	0,298	0,003	0,007	0,179	FALSE
0,111	0,313	0,002	0,008	0,096	FALSE
0,020	0,294	0,001	0,008	0,049	FALSE
-0,004	0,304	0,000	0,009	0,015	FALSE
0,082	0,320	0,003	0,012	0,092	FALSE
0,135	0,304	0,005	0,010	0,176	FALSE
0,205	0,288	0,007	0,009	0,347	FALSE
0,091	0,306	0,004	0,013	0,130	FALSE
0,192	0,301	0,005	0,008	0,318	FALSE
0,013	0,318	0,001	0,007	0,030	FALSE
0,047	0,314	0,002	0,012	0,050	FALSE
-0,056	0,303	-0,004	0,012	0,116	FALSE
0,024	0,304	0,001	0,009	0,021	FALSE
0,018	0,303	-0,001	0,012	0,021	FALSE
-0,011	0,322	0,000	0,008	0,008	FALSE
0,127	0,302	0,003	0,007	0,165	FALSE
-0,080	0,304	-0,002	0,010	0,085	FALSE
-0,014	0,308	0,000	0,007	0,017	FALSE
0,045	0,313	0,001	0,007	0,049	FALSE
-0,161	0,301	-0,005	0,009	0,218	FALSE

0,153	0,294	0,003	0,006	0,209	FALSE
0,001	0,320	0,000	0,011	0,007	FALSE
-0,054	0,299	-0,001	0,007	0,040	FALSE
0,092	0,303	0,003	0,010	0,110	FALSE
0,090	0,315	0,002	0,008	0,106	FALSE
0,062	0,288	0,001	0,008	0,043	FALSE
-0,067	0,306	-0,003	0,012	0,088	FALSE
0,054	0,301	0,001	0,007	0,082	FALSE
-0,174	0,317	-0,006	0,012	0,229	FALSE
-0,066	0,297	-0,004	0,012	0,127	FALSE
0,040	0,309	0,001	0,010	0,055	FALSE
0,055	0,305	0,002	0,010	0,090	FALSE
-0,047	0,317	-0,001	0,009	0,056	FALSE
-0,088	0,310	-0,003	0,012	0,092	FALSE
0,013	0,303	0,000	0,007	0,014	FALSE
-0,081	0,314	-0,002	0,009	0,101	FALSE
-0,107	0,303	-0,003	0,009	0,143	FALSE
0,022	0,298	0,000	0,012	0,001	FALSE
-0,151	0,302	-0,005	0,011	0,208	FALSE
-0,155	0,310	-0,006	0,011	0,219	FALSE
0,030	0,306	0,002	0,011	0,071	FALSE
-0,024	0,312	0,000	0,012	0,007	FALSE
0,121	0,304	0,003	0,006	0,196	FALSE
-0,151	0,309	-0,003	0,007	0,193	FALSE
0,082	0,297	0,003	0,007	0,137	FALSE
-0,007	0,307	-0,001	0,010	0,034	FALSE
0,001	0,295	0,000	0,010	0,007	FALSE
-0,067	0,309	-0,002	0,007	0,117	FALSE
-0,010	0,304	0,000	0,007	0,024	FALSE
-0,028	0,316	-0,001	0,008	0,059	FALSE
0,081	0,298	0,002	0,007	0,115	FALSE
-0,045	0,301	-0,001	0,010	0,043	FALSE
-0,026	0,330	-0,001	0,011	0,030	FALSE
0,006	0,315	0,000	0,010	0,005	FALSE
-0,010	0,319	0,000	0,007	0,004	FALSE
0,055	0,309	0,002	0,010	0,072	FALSE
0,004	0,316	0,001	0,012	0,018	FALSE
-0,108	0,310	-0,002	0,006	0,146	FALSE
-0,016	0,319	-0,001	0,013	0,023	FALSE
0,007	0,314	0,000	0,007	0,020	FALSE
0,106	0,308	0,003	0,008	0,136	FALSE
0,030	0,326	0,002	0,012	0,056	FALSE
-0,126	0,313	-0,003	0,009	0,163	FALSE
-0,101	0,315	-0,003	0,007	0,153	FALSE
-0,023	0,309	0,000	0,007	0,024	FALSE
-0,002	0,307	0,000	0,006	0,009	FALSE
-0,032	0,303	-0,002	0,011	0,060	FALSE
0,083	0,309	0,003	0,010	0,102	FALSE
0,000	0,305	0,000	0,008	0,021	FALSE
0,055	0,305	0,001	0,006	0,033	FALSE
-0,067	0,311	-0,002	0,008	0,107	FALSE
-0,184	0,291	-0,004	0,007	0,230	FALSE
0,008	0,309	0,001	0,012	0,017	FALSE

0,040	0,297	0,001	0,012	0,041	FALSE
0,029	0,309	0,002	0,008	0,102	FALSE
-0,028	0,317	0,000	0,006	0,010	FALSE
-0,077	0,307	-0,002	0,008	0,074	FALSE
0,102	0,302	0,003	0,010	0,130	FALSE
0,083	0,303	0,001	0,009	0,058	FALSE
-0,008	0,302	0,000	0,010	0,012	FALSE
-0,002	0,304	0,000	0,008	0,011	FALSE
-0,038	0,301	-0,002	0,010	0,059	FALSE
-0,012	0,301	0,000	0,011	0,011	FALSE
0,008	0,310	0,000	0,006	0,002	FALSE
0,014	0,296	0,000	0,008	0,018	FALSE
0,031	0,310	0,000	0,008	0,018	FALSE
-0,059	0,294	-0,001	0,007	0,060	FALSE
-0,106	0,297	-0,004	0,012	0,126	FALSE
-0,025	0,308	-0,001	0,008	0,044	FALSE
-0,035	0,295	-0,002	0,012	0,076	FALSE
-0,065	0,308	-0,001	0,008	0,063	FALSE
-0,126	0,303	-0,003	0,008	0,136	FALSE
0,053	0,300	0,002	0,007	0,078	FALSE
0,022	0,311	0,001	0,012	0,036	FALSE
0,081	0,328	0,002	0,008	0,100	FALSE
0,133	0,312	0,006	0,012	0,206	FALSE
-0,069	0,303	-0,002	0,009	0,102	FALSE
-0,109	0,311	-0,003	0,008	0,141	FALSE
0,016	0,317	0,000	0,011	0,016	FALSE
-0,043	0,316	-0,002	0,012	0,067	FALSE
0,219	0,281	0,009	0,012	0,365	FALSE
0,195	0,294	0,008	0,012	0,312	FALSE
0,232	0,289	0,010	0,012	0,382	FALSE
-0,014	0,306	0,000	0,009	0,003	FALSE
0,039	0,292	0,001	0,006	0,055	FALSE
-0,020	0,299	0,000	0,007	0,025	FALSE
0,058	0,309	0,001	0,008	0,068	FALSE
-0,066	0,292	-0,003	0,009	0,120	FALSE
0,038	0,312	0,001	0,007	0,027	FALSE
0,144	0,289	0,006	0,010	0,257	FALSE
0,139	0,305	0,004	0,008	0,191	FALSE
0,065	0,304	0,002	0,009	0,084	FALSE
-0,019	0,301	-0,001	0,012	0,033	FALSE
-0,058	0,317	-0,002	0,013	0,056	FALSE
0,112	0,301	0,003	0,007	0,170	FALSE
-0,035	0,316	0,000	0,007	0,024	FALSE
0,086	0,304	0,003	0,008	0,148	FALSE
-0,130	0,302	-0,006	0,012	0,199	FALSE
0,050	0,303	0,002	0,009	0,072	FALSE
-0,020	0,289	0,000	0,007	0,010	FALSE
-0,078	0,286	-0,003	0,012	0,103	FALSE
-0,132	0,307	-0,006	0,013	0,179	FALSE
-0,120	0,310	-0,003	0,008	0,144	FALSE
0,049	0,303	0,001	0,008	0,064	FALSE
0,032	0,305	0,002	0,012	0,044	FALSE
-0,096	0,311	-0,002	0,011	0,089	FALSE

-0,078	0,304	-0,001	0,006	0,060	FALSE
0,089	0,307	0,003	0,010	0,097	FALSE
0,092	0,311	0,002	0,007	0,131	FALSE
0,105	0,302	0,004	0,011	0,140	FALSE
0,044	0,311	0,001	0,012	0,043	FALSE
0,072	0,306	0,003	0,012	0,087	FALSE
0,182	0,307	0,006	0,010	0,267	FALSE
0,112	0,313	0,003	0,009	0,134	FALSE
0,119	0,311	0,003	0,009	0,152	FALSE
0,109	0,306	0,003	0,009	0,150	FALSE
0,071	0,312	0,002	0,010	0,083	FALSE
-0,036	0,308	-0,002	0,009	0,081	FALSE
-0,029	0,312	-0,002	0,011	0,055	FALSE
0,046	0,305	0,002	0,012	0,056	FALSE
0,056	0,301	0,000	0,009	0,010	FALSE
-0,014	0,294	0,000	0,006	0,000	FALSE
-0,058	0,300	-0,004	0,012	0,116	FALSE
-0,063	0,314	-0,001	0,007	0,059	FALSE
-0,005	0,313	0,000	0,006	0,025	FALSE
0,063	0,313	0,001	0,007	0,065	FALSE
0,031	0,310	0,001	0,011	0,027	FALSE
-0,029	0,303	0,000	0,012	0,003	FALSE
0,046	0,304	0,002	0,011	0,069	FALSE
0,008	0,312	0,000	0,009	0,005	FALSE
-0,003	0,319	-0,001	0,008	0,026	FALSE
0,083	0,295	0,003	0,008	0,125	FALSE
-0,044	0,315	-0,001	0,008	0,047	FALSE
0,048	0,317	0,002	0,011	0,077	FALSE
-0,036	0,314	-0,002	0,011	0,059	FALSE
-0,061	0,315	-0,003	0,011	0,084	FALSE
0,081	0,299	0,002	0,010	0,077	FALSE
-0,116	0,309	-0,004	0,010	0,147	FALSE
0,025	0,309	0,001	0,010	0,039	FALSE
0,036	0,296	0,002	0,011	0,068	FALSE
-0,092	0,296	-0,004	0,011	0,136	FALSE
0,107	0,304	0,003	0,008	0,151	FALSE
0,009	0,285	0,000	0,007	0,024	FALSE
-0,003	0,302	0,000	0,012	0,004	FALSE
0,004	0,320	0,000	0,013	0,003	FALSE
-0,008	0,306	-0,001	0,010	0,026	FALSE
-0,011	0,313	0,000	0,007	0,023	FALSE
-0,041	0,306	0,000	0,011	0,003	FALSE
0,089	0,300	0,002	0,007	0,126	FALSE
0,084	0,297	0,003	0,009	0,131	FALSE
-0,036	0,310	0,000	0,006	0,012	FALSE
-0,007	0,299	0,000	0,006	0,016	FALSE
0,025	0,304	0,001	0,006	0,052	FALSE
-0,018	0,325	0,000	0,012	0,003	FALSE
-0,069	0,298	-0,001	0,008	0,062	FALSE
0,042	0,302	0,001	0,006	0,063	FALSE
0,044	0,313	0,001	0,013	0,039	FALSE
0,083	0,301	0,002	0,007	0,083	FALSE
-0,125	0,305	-0,005	0,013	0,173	FALSE

-0,091	0,318	-0,002	0,008	0,118	FALSE
0,055	0,320	0,001	0,007	0,058	FALSE
0,030	0,306	0,001	0,008	0,048	FALSE
0,138	0,287	0,003	0,008	0,129	FALSE
-0,128	0,303	-0,005	0,012	0,144	FALSE
0,151	0,304	0,005	0,009	0,224	FALSE
-0,004	0,311	0,001	0,011	0,025	FALSE
-0,120	0,298	-0,003	0,007	0,179	FALSE
0,039	0,311	0,000	0,007	0,024	FALSE
-0,097	0,308	-0,004	0,009	0,160	FALSE
-0,059	0,293	-0,002	0,011	0,064	FALSE
-0,100	0,309	-0,002	0,007	0,114	FALSE
0,079	0,313	0,002	0,008	0,095	FALSE
-0,011	0,324	0,000	0,009	0,018	FALSE
0,040	0,321	0,001	0,007	0,064	FALSE
-0,013	0,309	-0,001	0,009	0,053	FALSE
-0,084	0,309	-0,004	0,012	0,126	FALSE
-0,067	0,295	-0,002	0,006	0,106	FALSE
-0,043	0,314	-0,002	0,011	0,066	FALSE
0,105	0,291	0,003	0,008	0,148	FALSE
0,021	0,309	0,000	0,010	0,008	FALSE
-0,063	0,311	-0,002	0,011	0,073	FALSE
-0,018	0,297	-0,001	0,012	0,020	FALSE
0,023	0,307	0,000	0,010	0,004	FALSE
0,013	0,307	0,000	0,009	0,000	FALSE
0,018	0,318	0,001	0,009	0,053	FALSE
0,103	0,309	0,003	0,008	0,136	FALSE
0,131	0,283	0,003	0,007	0,190	FALSE
0,071	0,323	0,002	0,007	0,093	FALSE
0,244	0,303	0,008	0,010	0,358	FALSE
0,147	0,298	0,006	0,012	0,222	FALSE
0,126	0,310	0,005	0,011	0,173	FALSE
0,093	0,304	0,004	0,011	0,152	FALSE
-0,110	0,297	-0,004	0,010	0,177	FALSE
-0,099	0,301	-0,002	0,007	0,107	FALSE
0,051	0,302	0,001	0,008	0,065	FALSE
0,094	0,292	0,003	0,006	0,188	FALSE
-0,016	0,303	0,000	0,008	0,022	FALSE
-0,064	0,306	-0,002	0,007	0,097	FALSE
-0,076	0,312	-0,002	0,006	0,117	FALSE
0,053	0,318	0,001	0,011	0,032	FALSE
-0,005	0,318	0,000	0,013	0,004	FALSE
-0,116	0,306	-0,003	0,007	0,139	FALSE
-0,104	0,315	-0,004	0,012	0,121	FALSE
-0,060	0,294	-0,003	0,012	0,084	FALSE
0,017	0,308	0,001	0,006	0,036	FALSE
0,080	0,306	0,003	0,009	0,127	FALSE
0,106	0,306	0,004	0,012	0,125	FALSE
-0,031	0,318	-0,001	0,009	0,038	FALSE
0,025	0,300	0,001	0,009	0,044	FALSE
0,053	0,303	0,002	0,009	0,085	FALSE
0,082	0,305	0,003	0,009	0,132	FALSE
0,092	0,311	0,003	0,009	0,131	FALSE

-0,050	0,300	-0,002	0,012	0,059	FALSE
-0,100	0,295	-0,003	0,008	0,156	FALSE
-0,047	0,311	0,000	0,008	0,018	FALSE
0,041	0,318	0,000	0,008	0,021	FALSE
0,023	0,294	0,000	0,007	0,012	FALSE
0,005	0,308	0,000	0,007	0,014	FALSE
-0,003	0,333	0,000	0,012	0,001	FALSE
-0,020	0,311	-0,001	0,011	0,035	FALSE
-0,047	0,309	-0,002	0,012	0,060	FALSE
0,003	0,317	0,000	0,011	0,002	FALSE
0,073	0,300	0,004	0,011	0,121	FALSE
-0,046	0,303	-0,002	0,011	0,071	FALSE
0,020	0,304	0,000	0,006	0,017	FALSE
0,067	0,307	0,003	0,010	0,118	FALSE
-0,069	0,307	-0,001	0,007	0,075	FALSE
-0,007	0,287	0,001	0,008	0,034	FALSE
-0,005	0,315	0,000	0,007	0,023	FALSE
-0,042	0,295	-0,003	0,012	0,091	FALSE
0,052	0,317	0,001	0,008	0,061	FALSE
0,102	0,316	0,004	0,012	0,112	FALSE
-0,094	0,293	-0,003	0,012	0,080	FALSE
0,123	0,315	0,004	0,012	0,117	FALSE
-0,111	0,300	-0,006	0,012	0,196	FALSE
0,079	0,302	0,002	0,007	0,108	FALSE
0,160	0,296	0,005	0,009	0,239	FALSE
-0,019	0,309	-0,001	0,010	0,020	FALSE
-0,040	0,315	-0,001	0,011	0,044	FALSE
-0,076	0,299	-0,002	0,007	0,091	FALSE
0,025	0,296	0,000	0,012	0,000	FALSE
-0,177	0,308	-0,004	0,007	0,227	FALSE
-0,010	0,313	-0,001	0,011	0,035	FALSE
-0,010	0,301	0,000	0,007	0,003	FALSE
-0,074	0,303	-0,002	0,008	0,096	FALSE
-0,018	0,300	-0,001	0,011	0,021	FALSE
-0,007	0,306	-0,001	0,009	0,047	FALSE
0,007	0,313	0,000	0,006	0,027	FALSE
0,063	0,304	0,002	0,011	0,070	FALSE
0,078	0,301	0,003	0,011	0,091	FALSE
-0,085	0,304	-0,003	0,011	0,104	FALSE
-0,007	0,300	0,000	0,010	0,011	FALSE
-0,135	0,310	-0,004	0,009	0,187	FALSE
0,097	0,303	0,004	0,012	0,113	FALSE
0,068	0,299	0,001	0,009	0,063	FALSE
0,146	0,293	0,006	0,011	0,232	FALSE
0,184	0,296	0,008	0,011	0,297	FALSE
0,137	0,296	0,006	0,011	0,215	FALSE
-0,026	0,312	-0,001	0,008	0,035	FALSE
-0,027	0,299	-0,001	0,007	0,041	FALSE
0,005	0,307	0,001	0,006	0,030	FALSE
0,005	0,303	0,001	0,011	0,034	FALSE
-0,024	0,306	-0,001	0,011	0,032	FALSE
0,083	0,298	0,004	0,009	0,156	FALSE
-0,072	0,311	-0,001	0,008	0,071	FALSE

0,086	0,299	0,002	0,007	0,115	FALSE
0,010	0,308	0,000	0,011	0,002	FALSE
-0,006	0,315	0,000	0,012	0,005	FALSE
-0,063	0,305	-0,002	0,008	0,078	FALSE
-0,002	0,295	0,000	0,009	0,012	FALSE
0,022	0,305	0,001	0,010	0,038	FALSE
-0,070	0,313	-0,001	0,007	0,074	FALSE
0,006	0,305	0,000	0,011	0,002	FALSE
-0,114	0,307	-0,002	0,006	0,142	FALSE
-0,032	0,303	0,000	0,012	0,006	FALSE
-0,184	0,282	-0,007	0,012	0,271	FALSE
-0,030	0,301	-0,002	0,012	0,054	FALSE
0,044	0,309	0,002	0,012	0,048	FALSE
-0,129	0,300	-0,005	0,010	0,213	FALSE
0,107	0,299	0,004	0,011	0,154	FALSE
0,026	0,305	0,000	0,013	0,003	FALSE
-0,039	0,308	-0,001	0,006	0,075	FALSE
0,098	0,297	0,002	0,006	0,147	FALSE
-0,019	0,303	-0,002	0,011	0,070	FALSE
-0,037	0,308	0,000	0,009	0,005	FALSE
0,053	0,305	0,003	0,009	0,114	FALSE
0,056	0,297	0,001	0,006	0,052	FALSE
-0,083	0,300	-0,002	0,011	0,067	FALSE
0,048	0,308	0,001	0,010	0,047	FALSE
-0,049	0,301	-0,002	0,011	0,072	FALSE
-0,126	0,305	-0,002	0,008	0,118	FALSE
0,103	0,302	0,003	0,008	0,160	FALSE
-0,143	0,306	-0,004	0,010	0,172	FALSE
0,038	0,300	0,001	0,006	0,071	FALSE
-0,056	0,310	-0,003	0,011	0,098	FALSE
-0,040	0,305	-0,001	0,009	0,025	FALSE
-0,037	0,302	-0,001	0,010	0,029	FALSE
0,101	0,325	0,001	0,006	0,066	FALSE
0,014	0,288	0,001	0,012	0,037	FALSE
0,113	0,300	0,003	0,010	0,130	FALSE
-0,028	0,300	-0,002	0,012	0,050	FALSE
0,099	0,309	0,002	0,006	0,136	FALSE
0,021	0,305	0,001	0,007	0,034	FALSE
0,039	0,291	0,002	0,011	0,081	FALSE
-0,001	0,309	0,000	0,012	0,010	FALSE
-0,052	0,301	-0,002	0,011	0,073	FALSE
0,084	0,311	0,002	0,007	0,105	FALSE
-0,026	0,292	0,000	0,011	0,007	FALSE
0,016	0,292	0,001	0,009	0,023	FALSE
-0,070	0,296	-0,002	0,007	0,091	FALSE
-0,010	0,311	0,000	0,011	0,004	FALSE
-0,056	0,300	-0,001	0,008	0,060	FALSE
0,063	0,319	0,001	0,011	0,045	FALSE
0,022	0,311	0,001	0,013	0,022	FALSE
0,032	0,298	0,003	0,011	0,094	FALSE
0,049	0,298	0,002	0,012	0,053	FALSE
0,016	0,299	0,000	0,006	0,029	FALSE
0,018	0,294	0,001	0,012	0,043	FALSE

0,035	0,305	0,002	0,012	0,050	FALSE
0,028	0,309	0,001	0,012	0,038	FALSE
0,036	0,299	0,002	0,012	0,047	FALSE
0,072	0,300	0,003	0,011	0,093	FALSE
0,066	0,317	0,002	0,007	0,093	FALSE
-0,048	0,295	-0,001	0,007	0,032	FALSE
0,134	0,290	0,003	0,007	0,209	FALSE
-0,184	0,300	-0,004	0,008	0,252	FALSE
0,139	0,302	0,003	0,008	0,167	FALSE
-0,105	0,309	-0,002	0,006	0,135	FALSE
-0,232	0,293	-0,007	0,009	0,353	FALSE
-0,089	0,308	-0,004	0,012	0,126	FALSE
0,024	0,321	0,001	0,007	0,028	FALSE
0,051	0,307	0,001	0,009	0,036	FALSE
0,026	0,293	0,000	0,006	0,029	FALSE
-0,030	0,304	0,000	0,012	0,003	FALSE
-0,061	0,315	-0,002	0,007	0,090	FALSE
0,011	0,318	0,000	0,009	0,015	FALSE
-0,129	0,311	-0,004	0,008	0,205	FALSE
-0,072	0,302	-0,002	0,009	0,080	FALSE
-0,072	0,315	-0,003	0,010	0,094	FALSE
0,059	0,315	0,001	0,013	0,035	FALSE
0,023	0,318	0,001	0,008	0,026	FALSE
-0,002	0,303	0,000	0,011	0,004	FALSE
-0,033	0,297	-0,001	0,011	0,032	FALSE
0,073	0,287	0,002	0,008	0,099	FALSE
-0,009	0,297	0,000	0,012	0,005	FALSE
0,033	0,295	0,002	0,008	0,083	FALSE
0,024	0,302	0,001	0,011	0,024	FALSE
0,065	0,303	0,002	0,012	0,056	FALSE
0,030	0,313	0,002	0,012	0,051	FALSE
0,037	0,302	0,001	0,009	0,056	FALSE
-0,096	0,305	-0,002	0,009	0,111	FALSE
-0,031	0,310	-0,002	0,012	0,056	FALSE
0,007	0,304	0,000	0,012	0,009	FALSE
-0,095	0,313	-0,002	0,007	0,117	FALSE
0,002	0,310	-0,001	0,011	0,028	FALSE
-0,054	0,315	-0,002	0,011	0,072	FALSE
0,049	0,301	0,001	0,008	0,062	FALSE
-0,176	0,297	-0,006	0,010	0,272	TRUE
0,013	0,321	0,001	0,009	0,028	FALSE
0,061	0,302	0,003	0,012	0,116	FALSE
0,081	0,313	0,004	0,012	0,154	FALSE
0,101	0,285	0,005	0,011	0,189	FALSE
0,042	0,312	0,001	0,010	0,037	FALSE
0,082	0,311	0,004	0,011	0,133	FALSE
0,005	0,308	0,000	0,006	0,007	FALSE
0,050	0,302	0,001	0,008	0,042	FALSE
0,014	0,318	0,000	0,011	0,004	FALSE
0,054	0,313	0,001	0,011	0,039	FALSE
0,035	0,295	0,002	0,010	0,090	FALSE
0,027	0,311	0,000	0,007	0,008	FALSE
0,001	0,311	0,000	0,009	0,006	FALSE

0,085	0,306	0,001	0,006	0,087	FALSE
0,041	0,292	0,002	0,007	0,078	FALSE
-0,047	0,294	0,000	0,008	0,006	FALSE
-0,028	0,306	0,000	0,006	0,022	FALSE
-0,061	0,302	-0,001	0,007	0,085	FALSE
0,056	0,304	0,001	0,007	0,078	FALSE
0,130	0,311	0,003	0,007	0,164	FALSE
0,035	0,306	0,001	0,008	0,050	FALSE
0,083	0,305	0,001	0,008	0,062	FALSE
0,028	0,300	0,000	0,007	0,024	FALSE
-0,005	0,307	0,000	0,011	0,005	FALSE
0,076	0,303	0,003	0,013	0,101	FALSE
-0,002	0,305	0,000	0,009	0,004	FALSE
-0,008	0,304	0,000	0,011	0,011	FALSE
-0,110	0,317	-0,003	0,009	0,156	FALSE
-0,058	0,306	-0,001	0,009	0,058	FALSE
-0,003	0,311	0,000	0,008	0,001	FALSE
0,086	0,309	0,003	0,009	0,103	FALSE
0,018	0,306	0,000	0,010	0,015	FALSE
0,129	0,317	0,004	0,010	0,175	FALSE
-0,144	0,299	-0,004	0,008	0,210	FALSE
0,083	0,306	0,003	0,012	0,090	FALSE
0,078	0,318	0,003	0,012	0,094	FALSE
-0,058	0,300	-0,002	0,012	0,078	FALSE
0,018	0,294	-0,001	0,008	0,037	FALSE
-0,027	0,307	-0,001	0,011	0,046	FALSE
0,018	0,319	0,000	0,012	0,008	FALSE
0,059	0,306	0,003	0,013	0,090	FALSE
-0,026	0,319	-0,001	0,013	0,041	FALSE
0,026	0,326	0,000	0,009	0,012	FALSE
-0,034	0,302	-0,001	0,009	0,057	FALSE
0,071	0,303	0,002	0,008	0,084	FALSE
-0,001	0,316	0,000	0,008	0,011	FALSE
-0,017	0,312	-0,001	0,012	0,042	FALSE
0,118	0,307	0,004	0,010	0,168	FALSE
-0,154	0,306	-0,005	0,010	0,223	FALSE
-0,079	0,304	-0,002	0,008	0,107	FALSE
0,064	0,307	0,002	0,008	0,089	FALSE
-0,037	0,314	0,000	0,012	0,014	FALSE
-0,001	0,306	0,001	0,012	0,027	FALSE
0,047	0,303	0,002	0,011	0,066	FALSE
-0,029	0,321	-0,001	0,012	0,026	FALSE
0,003	0,312	0,000	0,012	0,012	FALSE
0,048	0,303	0,001	0,010	0,046	FALSE
-0,121	0,292	-0,003	0,007	0,155	FALSE
0,209	0,295	0,004	0,006	0,323	FALSE
-0,086	0,315	-0,002	0,007	0,123	FALSE
-0,070	0,300	-0,001	0,006	0,090	FALSE
-0,106	0,297	-0,002	0,006	0,154	FALSE
0,032	0,308	0,002	0,008	0,075	FALSE
-0,226	0,292	-0,011	0,012	0,428	FALSE
0,071	0,304	0,002	0,007	0,132	FALSE
0,032	0,310	0,002	0,011	0,050	FALSE

-0,130	0,311	-0,003	0,006	0,182	FALSE
0,059	0,315	0,001	0,007	0,045	FALSE
0,008	0,307	0,001	0,011	0,021	FALSE
0,023	0,307	0,001	0,011	0,040	FALSE
0,091	0,293	0,003	0,010	0,115	FALSE
0,002	0,306	0,000	0,012	0,013	FALSE
0,037	0,315	0,001	0,010	0,018	FALSE
0,036	0,309	0,001	0,012	0,024	FALSE
-0,089	0,309	-0,003	0,011	0,120	FALSE
0,048	0,304	0,002	0,008	0,076	FALSE
0,018	0,311	0,000	0,010	0,008	FALSE
0,079	0,301	0,003	0,012	0,096	FALSE
-0,049	0,296	-0,002	0,008	0,078	FALSE
-0,145	0,299	-0,006	0,012	0,199	FALSE
-0,107	0,302	-0,003	0,008	0,163	FALSE
-0,141	0,305	-0,004	0,008	0,190	FALSE
0,000	0,311	0,000	0,011	0,014	FALSE
0,002	0,302	-0,001	0,009	0,029	FALSE
-0,063	0,306	-0,002	0,011	0,069	FALSE
-0,065	0,294	-0,002	0,011	0,077	FALSE
-0,061	0,307	-0,002	0,013	0,071	FALSE
-0,046	0,307	-0,002	0,013	0,048	FALSE
0,018	0,312	-0,001	0,007	0,025	FALSE
0,033	0,306	0,000	0,011	0,011	FALSE
0,038	0,314	0,001	0,012	0,038	FALSE
-0,095	0,321	-0,003	0,013	0,085	FALSE
-0,001	0,309	0,000	0,009	0,002	FALSE
-0,066	0,300	-0,001	0,006	0,084	FALSE
-0,006	0,302	0,000	0,012	0,004	FALSE
0,003	0,296	0,000	0,012	0,008	FALSE
-0,023	0,307	-0,001	0,010	0,029	FALSE
-0,057	0,311	-0,001	0,006	0,083	FALSE
-0,035	0,310	-0,001	0,007	0,067	FALSE
-0,050	0,311	-0,002	0,013	0,060	FALSE
-0,038	0,309	-0,001	0,010	0,035	FALSE
0,039	0,309	0,001	0,006	0,059	FALSE
0,009	0,308	0,000	0,006	0,021	FALSE
-0,060	0,310	-0,001	0,010	0,021	FALSE
-0,041	0,299	-0,002	0,008	0,075	FALSE
-0,168	0,309	-0,007	0,012	0,245	FALSE
-0,184	0,308	-0,006	0,011	0,236	FALSE
-0,003	0,311	0,000	0,011	0,014	FALSE
-0,089	0,318	-0,003	0,008	0,137	FALSE
-0,129	0,296	-0,003	0,008	0,180	FALSE
-0,129	0,315	-0,004	0,009	0,170	FALSE
-0,019	0,310	-0,001	0,008	0,050	FALSE
-0,098	0,310	-0,004	0,013	0,140	FALSE
-0,050	0,308	-0,001	0,008	0,039	FALSE
-0,115	0,299	-0,004	0,010	0,163	FALSE
-0,123	0,280	-0,004	0,009	0,185	FALSE
-0,017	0,321	0,000	0,010	0,015	FALSE
0,108	0,300	0,002	0,006	0,106	FALSE
0,012	0,300	0,001	0,008	0,038	FALSE

0,049	0,312	0,002	0,011	0,063	FALSE
-0,125	0,293	-0,006	0,011	0,203	FALSE
-0,006	0,314	0,000	0,010	0,005	FALSE
-0,061	0,309	-0,002	0,007	0,104	FALSE
0,013	0,294	0,000	0,012	0,000	FALSE
0,036	0,297	0,001	0,006	0,061	FALSE
-0,010	0,303	-0,001	0,007	0,028	FALSE
-0,109	0,314	-0,003	0,008	0,164	FALSE
-0,035	0,295	-0,001	0,012	0,024	FALSE
0,012	0,303	0,000	0,012	0,002	FALSE
0,043	0,307	0,001	0,006	0,046	FALSE
0,053	0,318	0,001	0,008	0,063	FALSE
0,081	0,304	0,002	0,008	0,087	FALSE
-0,053	0,302	-0,002	0,013	0,058	FALSE
-0,067	0,299	-0,003	0,012	0,091	FALSE
0,096	0,309	0,005	0,012	0,153	FALSE
-0,042	0,306	-0,002	0,012	0,075	FALSE
-0,063	0,324	-0,002	0,007	0,083	FALSE
0,001	0,299	0,000	0,006	0,024	FALSE
0,073	0,296	0,003	0,011	0,104	FALSE
-0,083	0,306	-0,004	0,012	0,141	FALSE
0,044	0,309	0,002	0,011	0,052	FALSE
-0,125	0,316	-0,005	0,011	0,192	FALSE
0,014	0,310	0,000	0,006	0,025	FALSE
-0,069	0,310	-0,003	0,013	0,104	FALSE
-0,139	0,294	-0,006	0,012	0,215	FALSE
-0,103	0,298	-0,005	0,012	0,158	FALSE
0,038	0,307	0,001	0,011	0,043	FALSE
0,025	0,295	0,001	0,009	0,044	FALSE
-0,106	0,308	-0,003	0,011	0,107	FALSE
-0,080	0,313	-0,003	0,011	0,092	FALSE
-0,108	0,284	-0,004	0,012	0,139	FALSE
0,004	0,319	0,001	0,011	0,028	FALSE
0,000	0,298	0,001	0,006	0,033	FALSE
-0,005	0,315	0,001	0,006	0,031	FALSE
0,045	0,297	0,002	0,011	0,060	FALSE
-0,005	0,296	0,000	0,012	0,000	FALSE
-0,032	0,315	-0,001	0,008	0,038	FALSE
0,003	0,303	0,000	0,006	0,016	FALSE
0,034	0,316	0,001	0,007	0,065	FALSE
-0,021	0,318	0,000	0,009	0,017	FALSE
0,028	0,317	0,001	0,012	0,035	FALSE
-0,024	0,312	-0,001	0,007	0,041	FALSE
0,145	0,293	0,004	0,008	0,191	FALSE
-0,046	0,296	-0,001	0,010	0,055	FALSE
0,132	0,296	0,006	0,011	0,206	FALSE
-0,148	0,292	-0,006	0,011	0,204	FALSE
0,186	0,305	0,006	0,012	0,217	FALSE
0,296	0,282	0,011	0,011	0,515	FALSE
-0,128	0,306	-0,003	0,008	0,165	FALSE
0,082	0,314	0,002	0,008	0,110	FALSE
0,022	0,304	0,000	0,011	0,004	FALSE
0,023	0,298	0,000	0,008	0,016	FALSE

0,078	0,307	0,003	0,009	0,111	FALSE
0,015	0,308	0,000	0,011	0,010	FALSE
-0,033	0,303	0,000	0,012	0,011	FALSE
0,013	0,307	0,001	0,012	0,029	FALSE
0,086	0,288	0,004	0,011	0,155	FALSE
-0,007	0,298	0,000	0,008	0,008	FALSE
0,080	0,297	0,004	0,011	0,138	FALSE
0,114	0,302	0,002	0,007	0,142	FALSE
0,008	0,292	0,000	0,007	0,001	FALSE
0,054	0,303	0,001	0,006	0,076	FALSE
0,058	0,308	0,001	0,006	0,069	FALSE
0,039	0,326	0,001	0,007	0,039	FALSE
-0,035	0,297	0,000	0,011	0,016	FALSE
-0,203	0,289	-0,008	0,012	0,286	FALSE
-0,194	0,299	-0,006	0,009	0,278	FALSE
-0,184	0,301	-0,005	0,009	0,266	FALSE
0,098	0,306	0,003	0,010	0,124	FALSE
-0,198	0,296	-0,006	0,009	0,272	FALSE
-0,066	0,303	-0,002	0,009	0,079	FALSE
-0,012	0,306	0,000	0,013	0,009	FALSE
-0,040	0,305	-0,001	0,007	0,036	FALSE
0,143	0,297	0,006	0,012	0,198	FALSE
0,020	0,312	0,001	0,012	0,032	FALSE
0,032	0,310	0,001	0,008	0,027	FALSE
-0,108	0,307	-0,003	0,010	0,134	FALSE
0,125	0,298	0,005	0,010	0,224	FALSE
-0,016	0,314	0,000	0,012	0,008	FALSE
0,078	0,308	0,003	0,012	0,083	FALSE
0,112	0,311	0,003	0,008	0,144	FALSE
-0,023	0,309	0,000	0,007	0,004	FALSE
0,041	0,318	0,001	0,012	0,036	FALSE
0,132	0,300	0,005	0,010	0,187	FALSE
0,102	0,306	0,003	0,010	0,126	FALSE
0,138	0,306	0,004	0,008	0,197	FALSE
-0,035	0,293	0,000	0,010	0,017	FALSE
0,108	0,305	0,004	0,012	0,134	FALSE
0,016	0,299	0,000	0,012	0,001	FALSE
-0,024	0,301	-0,001	0,012	0,033	FALSE
0,024	0,309	0,000	0,009	0,002	FALSE
0,026	0,312	0,000	0,009	0,016	FALSE
0,007	0,294	0,000	0,008	0,013	FALSE
-0,115	0,306	-0,003	0,008	0,184	FALSE
0,049	0,297	0,002	0,009	0,069	FALSE
0,108	0,294	0,003	0,007	0,167	FALSE
0,004	0,312	0,000	0,010	0,001	FALSE
-0,006	0,319	0,000	0,009	0,013	FALSE
-0,140	0,318	-0,006	0,013	0,178	FALSE
-0,022	0,298	0,000	0,009	0,016	FALSE
0,062	0,310	0,001	0,006	0,045	FALSE
-0,054	0,299	-0,002	0,008	0,103	FALSE
-0,025	0,299	0,000	0,007	0,023	FALSE
-0,019	0,316	0,000	0,011	0,003	FALSE
0,057	0,302	0,003	0,009	0,128	FALSE

-0,032	0,313	-0,001	0,006	0,055	FALSE
0,075	0,308	0,002	0,012	0,078	FALSE
0,069	0,317	0,002	0,007	0,104	FALSE
0,053	0,304	0,004	0,012	0,126	FALSE
0,044	0,295	0,001	0,010	0,029	FALSE
-0,136	0,303	-0,004	0,009	0,172	FALSE
0,116	0,290	0,002	0,006	0,131	FALSE
-0,020	0,308	0,000	0,006	0,008	FALSE
-0,017	0,307	0,000	0,007	0,023	FALSE
-0,030	0,309	-0,001	0,007	0,032	FALSE
0,027	0,322	0,001	0,008	0,059	FALSE
0,163	0,301	0,004	0,006	0,292	FALSE
0,232	0,293	0,010	0,012	0,400	FALSE
-0,069	0,320	-0,002	0,007	0,124	FALSE
-0,035	0,307	-0,001	0,008	0,025	FALSE
0,048	0,302	0,001	0,007	0,050	FALSE
0,033	0,307	0,002	0,008	0,071	FALSE
0,116	0,303	0,003	0,006	0,186	FALSE
-0,004	0,291	0,000	0,013	0,005	FALSE
0,014	0,294	0,001	0,013	0,023	FALSE
-0,061	0,298	-0,003	0,012	0,095	FALSE
0,022	0,300	0,000	0,011	0,016	FALSE
-0,025	0,306	0,000	0,012	0,009	FALSE
0,019	0,319	0,001	0,013	0,021	FALSE
-0,093	0,316	-0,003	0,008	0,122	FALSE
-0,067	0,304	-0,002	0,007	0,120	FALSE
-0,102	0,305	-0,002	0,007	0,147	FALSE
0,096	0,314	0,004	0,012	0,115	FALSE
0,104	0,293	0,003	0,009	0,133	FALSE
0,084	0,298	0,004	0,012	0,135	FALSE
0,003	0,299	0,000	0,010	0,005	FALSE
0,031	0,291	0,002	0,012	0,048	FALSE
0,060	0,288	0,003	0,012	0,092	FALSE
-0,061	0,312	-0,002	0,007	0,079	FALSE
-0,046	0,300	-0,002	0,012	0,066	FALSE
-0,056	0,316	-0,001	0,009	0,061	FALSE
0,049	0,302	0,001	0,008	0,068	FALSE
-0,050	0,316	-0,001	0,006	0,073	FALSE
-0,054	0,310	-0,001	0,008	0,059	FALSE
0,114	0,301	0,003	0,010	0,128	FALSE
-0,025	0,308	-0,001	0,006	0,051	FALSE
-0,094	0,316	-0,002	0,008	0,098	FALSE
-0,068	0,321	-0,002	0,008	0,083	FALSE
0,047	0,306	0,002	0,011	0,077	FALSE
0,035	0,321	0,001	0,008	0,037	FALSE
-0,014	0,309	-0,001	0,011	0,024	FALSE
0,126	0,302	0,003	0,006	0,180	FALSE
-0,073	0,299	-0,002	0,006	0,115	FALSE
-0,067	0,305	-0,002	0,006	0,100	FALSE
0,045	0,305	0,001	0,009	0,039	FALSE
0,062	0,302	0,001	0,009	0,057	FALSE
-0,148	0,315	-0,004	0,008	0,186	FALSE
-0,163	0,305	-0,004	0,008	0,221	FALSE

0,004	0,317	0,000	0,010	0,003	FALSE
0,030	0,304	0,001	0,008	0,038	FALSE
0,018	0,292	0,001	0,006	0,030	FALSE
0,013	0,306	0,001	0,009	0,027	FALSE
-0,009	0,308	0,000	0,007	0,000	FALSE
0,022	0,314	0,001	0,009	0,043	FALSE
-0,079	0,304	-0,002	0,009	0,102	FALSE
-0,148	0,294	-0,004	0,008	0,185	FALSE
0,037	0,316	0,001	0,012	0,016	FALSE
0,069	0,297	0,003	0,011	0,114	FALSE
-0,118	0,310	-0,002	0,007	0,133	FALSE
-0,055	0,316	-0,002	0,010	0,082	FALSE
0,029	0,321	0,001	0,012	0,028	FALSE
0,026	0,304	0,001	0,009	0,039	FALSE
0,026	0,302	0,001	0,008	0,035	FALSE
-0,094	0,302	-0,002	0,006	0,108	FALSE
0,032	0,309	0,001	0,007	0,049	FALSE
0,072	0,294	0,002	0,008	0,095	FALSE
-0,123	0,302	-0,006	0,012	0,194	FALSE
-0,012	0,300	0,000	0,006	0,004	FALSE
-0,084	0,319	-0,003	0,008	0,134	FALSE
-0,192	0,295	-0,007	0,012	0,267	FALSE
-0,046	0,295	-0,001	0,006	0,057	FALSE
0,016	0,301	0,001	0,006	0,029	FALSE
0,072	0,310	0,002	0,008	0,087	FALSE
-0,076	0,305	-0,002	0,011	0,081	FALSE
-0,063	0,312	-0,001	0,007	0,059	FALSE
-0,083	0,320	-0,002	0,008	0,107	FALSE
-0,011	0,302	0,000	0,011	0,012	FALSE
-0,027	0,302	-0,001	0,011	0,028	FALSE
0,067	0,302	0,001	0,007	0,083	FALSE
-0,074	0,317	-0,002	0,007	0,098	FALSE
-0,110	0,302	-0,003	0,007	0,148	FALSE
0,079	0,286	0,004	0,012	0,137	FALSE
-0,108	0,292	-0,005	0,013	0,170	FALSE
-0,049	0,314	-0,002	0,011	0,066	FALSE
0,037	0,308	0,001	0,010	0,042	FALSE
0,061	0,296	0,002	0,008	0,090	FALSE
0,085	0,301	0,003	0,012	0,117	FALSE
-0,072	0,308	-0,003	0,013	0,096	FALSE
0,036	0,306	0,001	0,008	0,040	FALSE
0,076	0,313	0,003	0,013	0,104	FALSE
-0,017	0,297	-0,001	0,011	0,023	FALSE
-0,076	0,299	-0,001	0,007	0,068	FALSE
-0,044	0,312	-0,001	0,007	0,027	FALSE
-0,097	0,309	-0,003	0,009	0,140	FALSE
-0,205	0,305	-0,004	0,007	0,280	FALSE
0,141	0,300	0,006	0,012	0,212	FALSE
0,105	0,312	0,004	0,012	0,117	FALSE
-0,066	0,296	-0,002	0,007	0,088	FALSE
-0,012	0,309	-0,001	0,012	0,020	FALSE
0,161	0,290	0,004	0,007	0,240	FALSE
-0,197	0,300	-0,005	0,008	0,281	FALSE

-0,137	0,311	-0,004	0,008	0,198	FALSE
0,011	0,297	0,000	0,008	0,005	FALSE
0,069	0,317	0,004	0,013	0,107	FALSE
-0,028	0,312	-0,001	0,010	0,048	FALSE
0,059	0,313	0,002	0,007	0,084	FALSE
0,036	0,314	0,001	0,007	0,048	FALSE
0,057	0,301	0,003	0,008	0,120	FALSE
-0,050	0,310	-0,002	0,010	0,056	FALSE
0,076	0,311	0,002	0,009	0,080	FALSE
-0,064	0,300	-0,002	0,009	0,063	FALSE
0,016	0,306	0,001	0,007	0,056	FALSE
-0,090	0,302	-0,002	0,009	0,086	FALSE
0,079	0,312	0,002	0,009	0,093	FALSE
-0,113	0,300	-0,002	0,006	0,131	FALSE
0,096	0,314	0,002	0,008	0,124	FALSE
0,061	0,302	0,002	0,010	0,090	FALSE
0,080	0,309	0,002	0,007	0,099	FALSE
0,011	0,301	0,000	0,010	0,013	FALSE
0,077	0,303	0,003	0,009	0,121	FALSE
-0,071	0,301	-0,001	0,007	0,081	FALSE
-0,111	0,292	-0,003	0,006	0,175	FALSE
0,017	0,299	0,000	0,012	0,012	FALSE
0,040	0,306	0,001	0,011	0,024	FALSE
0,021	0,318	0,000	0,010	0,001	FALSE
0,024	0,317	0,001	0,009	0,053	FALSE
-0,122	0,305	-0,003	0,009	0,141	FALSE
-0,068	0,311	-0,002	0,008	0,092	FALSE
0,041	0,303	0,002	0,010	0,085	FALSE
-0,008	0,291	0,000	0,009	0,008	FALSE
0,134	0,278	0,004	0,006	0,284	FALSE
0,144	0,294	0,004	0,006	0,291	FALSE
0,174	0,308	0,004	0,006	0,239	FALSE
0,144	0,307	0,006	0,012	0,195	FALSE
0,026	0,310	0,001	0,012	0,035	FALSE
0,022	0,304	0,001	0,008	0,053	FALSE
-0,071	0,311	-0,002	0,007	0,096	FALSE
-0,027	0,295	-0,001	0,008	0,025	FALSE
0,030	0,310	0,002	0,013	0,044	FALSE
0,039	0,311	0,001	0,008	0,022	FALSE
-0,167	0,297	-0,008	0,012	0,267	FALSE
0,083	0,303	0,002	0,007	0,091	FALSE
-0,196	0,291	-0,005	0,008	0,291	FALSE
0,087	0,312	0,002	0,007	0,100	FALSE
-0,070	0,309	-0,002	0,011	0,078	FALSE
-0,119	0,306	-0,003	0,007	0,145	FALSE
-0,081	0,288	-0,002	0,006	0,118	FALSE
-0,150	0,300	-0,004	0,009	0,164	FALSE
0,020	0,314	0,001	0,006	0,031	FALSE
-0,081	0,303	-0,001	0,006	0,080	FALSE
0,138	0,294	0,006	0,012	0,207	FALSE
0,158	0,305	0,006	0,012	0,218	FALSE
-0,141	0,304	-0,005	0,010	0,202	FALSE
-0,018	0,323	0,000	0,013	0,010	FALSE

0,153	0,318	0,007	0,013	0,231	FALSE
-0,004	0,311	0,000	0,010	0,001	FALSE
0,105	0,298	0,003	0,010	0,122	FALSE
-0,049	0,311	-0,002	0,009	0,070	FALSE
-0,137	0,309	-0,005	0,009	0,227	FALSE
-0,033	0,314	0,000	0,007	0,001	FALSE
0,147	0,294	0,005	0,009	0,262	FALSE
-0,026	0,302	-0,001	0,010	0,024	FALSE
-0,089	0,293	-0,001	0,007	0,072	FALSE
-0,078	0,299	-0,003	0,007	0,139	FALSE
0,121	0,296	0,004	0,010	0,182	FALSE
-0,058	0,294	-0,001	0,006	0,062	FALSE
0,034	0,311	0,001	0,010	0,052	FALSE
0,000	0,303	0,000	0,008	0,008	FALSE
-0,183	0,307	-0,006	0,008	0,304	FALSE
0,044	0,308	0,001	0,011	0,018	FALSE
0,072	0,305	0,003	0,009	0,136	FALSE
0,041	0,301	0,003	0,012	0,083	FALSE
0,169	0,304	0,007	0,012	0,263	FALSE
0,030	0,311	0,001	0,008	0,044	FALSE
-0,013	0,302	0,000	0,008	0,021	FALSE
0,082	0,308	0,003	0,013	0,096	FALSE
0,010	0,302	0,001	0,008	0,029	FALSE
0,059	0,317	0,002	0,011	0,069	FALSE
-0,104	0,311	-0,002	0,007	0,122	FALSE
-0,007	0,306	-0,001	0,011	0,042	FALSE
-0,048	0,306	-0,002	0,011	0,053	FALSE
0,072	0,291	0,002	0,006	0,143	FALSE
-0,135	0,313	-0,004	0,008	0,194	FALSE
-0,067	0,298	-0,002	0,012	0,064	FALSE
-0,034	0,310	-0,001	0,012	0,022	FALSE
-0,044	0,307	-0,002	0,012	0,061	FALSE
0,013	0,316	0,001	0,008	0,048	FALSE
0,093	0,322	0,004	0,010	0,152	FALSE
-0,136	0,319	-0,003	0,008	0,154	FALSE
-0,037	0,315	-0,001	0,011	0,044	FALSE
-0,013	0,313	0,000	0,012	0,014	FALSE
0,009	0,300	0,001	0,009	0,033	FALSE
0,031	0,304	0,001	0,009	0,035	FALSE
-0,208	0,306	-0,006	0,008	0,298	FALSE
0,170	0,303	0,005	0,008	0,264	FALSE
-0,145	0,311	-0,006	0,011	0,210	FALSE
-0,136	0,315	-0,004	0,010	0,173	FALSE
0,054	0,311	0,002	0,009	0,079	FALSE
0,105	0,296	0,002	0,007	0,118	FALSE
-0,075	0,311	-0,002	0,007	0,097	FALSE
0,007	0,317	0,000	0,007	0,008	FALSE
0,022	0,295	0,001	0,007	0,044	FALSE
0,064	0,313	0,001	0,008	0,062	FALSE
-0,084	0,298	-0,001	0,006	0,086	FALSE
0,160	0,300	0,004	0,008	0,234	FALSE
-0,101	0,290	-0,002	0,007	0,123	FALSE
-0,006	0,307	0,000	0,009	0,015	FALSE

-0,042	0,307	-0,001	0,009	0,050	FALSE
0,038	0,315	0,002	0,012	0,059	FALSE
0,132	0,315	0,005	0,012	0,165	FALSE
-0,026	0,308	-0,001	0,012	0,020	FALSE
-0,050	0,318	-0,001	0,007	0,066	FALSE
-0,037	0,311	-0,002	0,012	0,051	FALSE
-0,064	0,310	-0,002	0,007	0,083	FALSE
0,018	0,295	0,001	0,012	0,034	FALSE
-0,071	0,305	-0,002	0,009	0,075	FALSE
-0,022	0,297	-0,001	0,006	0,043	FALSE
-0,051	0,308	-0,001	0,008	0,072	FALSE
-0,089	0,309	-0,002	0,006	0,115	FALSE
0,046	0,305	0,001	0,007	0,039	FALSE
0,082	0,302	0,003	0,012	0,095	FALSE
0,024	0,309	0,001	0,006	0,061	FALSE
0,114	0,294	0,003	0,011	0,113	FALSE
-0,114	0,302	-0,003	0,007	0,152	FALSE
-0,009	0,311	-0,001	0,008	0,050	FALSE
0,014	0,301	0,001	0,006	0,036	FALSE
0,139	0,300	0,004	0,007	0,251	FALSE
-0,078	0,291	-0,003	0,009	0,110	FALSE
-0,157	0,311	-0,006	0,013	0,207	FALSE
-0,042	0,310	-0,002	0,008	0,074	FALSE
-0,012	0,297	0,001	0,011	0,049	FALSE
0,043	0,319	0,001	0,007	0,070	FALSE
0,029	0,303	0,000	0,008	0,002	FALSE
0,027	0,316	0,002	0,012	0,067	FALSE
-0,052	0,305	-0,002	0,008	0,100	FALSE
0,081	0,298	0,003	0,010	0,110	FALSE
-0,059	0,307	-0,003	0,010	0,102	FALSE
0,058	0,310	0,002	0,010	0,066	FALSE
-0,051	0,314	-0,002	0,012	0,072	FALSE
0,047	0,303	0,001	0,006	0,061	FALSE
0,055	0,300	0,001	0,006	0,055	FALSE
-0,012	0,289	0,001	0,009	0,025	FALSE
0,101	0,302	0,006	0,012	0,194	FALSE
0,000	0,294	0,000	0,009	0,017	FALSE
0,054	0,316	0,001	0,007	0,037	FALSE
-0,002	0,307	0,000	0,007	0,020	FALSE
0,048	0,311	0,001	0,010	0,049	FALSE
-0,020	0,315	-0,001	0,011	0,017	FALSE
0,109	0,306	0,004	0,011	0,164	FALSE
-0,050	0,311	-0,002	0,009	0,090	FALSE
-0,025	0,307	-0,001	0,012	0,033	FALSE
0,013	0,332	0,000	0,011	0,011	FALSE
0,058	0,321	0,002	0,011	0,067	FALSE
-0,088	0,310	-0,003	0,010	0,102	FALSE
0,017	0,309	0,001	0,010	0,021	FALSE
0,042	0,337	0,001	0,009	0,042	FALSE
0,012	0,326	0,001	0,011	0,033	FALSE
0,010	0,300	0,001	0,010	0,034	FALSE
0,044	0,312	0,002	0,011	0,061	FALSE
-0,099	0,316	-0,002	0,006	0,147	FALSE

-0,068	0,309	-0,002	0,009	0,090	FALSE
0,049	0,311	0,002	0,007	0,107	FALSE
0,096	0,317	0,003	0,012	0,101	FALSE
0,126	0,294	0,004	0,009	0,177	FALSE
-0,052	0,307	-0,001	0,006	0,047	FALSE
0,046	0,317	0,001	0,007	0,058	FALSE
-0,047	0,302	-0,001	0,010	0,040	FALSE
-0,021	0,301	0,000	0,007	0,011	FALSE
0,003	0,299	-0,001	0,012	0,032	FALSE
0,022	0,314	0,000	0,009	0,009	FALSE
-0,020	0,312	0,000	0,007	0,025	FALSE
-0,009	0,298	0,000	0,008	0,022	FALSE
-0,087	0,298	-0,002	0,007	0,131	FALSE
-0,063	0,305	-0,001	0,007	0,069	FALSE
0,003	0,311	0,000	0,011	0,002	FALSE
-0,050	0,302	-0,002	0,010	0,077	FALSE
-0,037	0,306	0,000	0,008	0,022	FALSE
-0,029	0,313	-0,001	0,008	0,047	FALSE
-0,084	0,317	-0,002	0,007	0,117	FALSE
-0,024	0,323	-0,001	0,013	0,023	FALSE
-0,093	0,313	-0,003	0,007	0,135	FALSE
-0,175	0,293	-0,004	0,007	0,255	FALSE
0,007	0,300	0,001	0,011	0,024	FALSE
-0,087	0,296	-0,002	0,007	0,087	FALSE
-0,004	0,298	0,000	0,011	0,000	FALSE
-0,017	0,291	-0,001	0,007	0,038	FALSE
0,052	0,310	0,002	0,007	0,081	FALSE
0,012	0,314	0,000	0,013	0,007	FALSE
0,015	0,315	0,002	0,013	0,044	FALSE
0,024	0,320	0,001	0,008	0,033	FALSE
-0,089	0,308	-0,003	0,007	0,142	FALSE
-0,058	0,306	-0,002	0,009	0,075	FALSE
0,004	0,307	0,000	0,009	0,012	FALSE
0,044	0,323	0,001	0,010	0,044	FALSE
-0,164	0,307	-0,006	0,011	0,240	FALSE
0,048	0,297	0,001	0,008	0,058	FALSE
-0,109	0,311	-0,002	0,006	0,151	FALSE
-0,101	0,296	-0,003	0,007	0,157	FALSE
0,154	0,305	0,004	0,007	0,207	FALSE
0,027	0,315	0,001	0,011	0,037	FALSE
0,089	0,311	0,003	0,012	0,089	FALSE
-0,099	0,306	-0,002	0,006	0,129	FALSE
-0,063	0,316	-0,003	0,013	0,088	FALSE
-0,052	0,302	-0,003	0,011	0,099	FALSE
-0,013	0,320	0,000	0,009	0,008	FALSE
-0,020	0,307	-0,002	0,012	0,049	FALSE
0,089	0,299	0,003	0,009	0,108	FALSE
0,042	0,292	0,002	0,008	0,080	FALSE
-0,165	0,304	-0,004	0,008	0,217	FALSE
-0,161	0,304	-0,004	0,008	0,231	FALSE
-0,077	0,303	-0,001	0,009	0,042	FALSE
-0,094	0,315	-0,002	0,007	0,117	FALSE
0,130	0,301	0,003	0,008	0,157	FALSE

0,063	0,302	0,001	0,008	0,058	FALSE
0,073	0,314	0,002	0,011	0,074	FALSE
0,061	0,312	0,002	0,009	0,063	FALSE
-0,113	0,300	-0,004	0,011	0,130	FALSE
0,063	0,310	0,002	0,010	0,088	FALSE
0,086	0,296	0,002	0,009	0,068	FALSE
-0,014	0,291	0,000	0,008	0,005	FALSE
0,057	0,326	0,002	0,011	0,079	FALSE
-0,083	0,290	-0,002	0,008	0,121	FALSE
-0,004	0,309	0,000	0,010	0,012	FALSE
0,078	0,314	0,002	0,007	0,088	FALSE
0,107	0,299	0,004	0,010	0,144	FALSE
0,065	0,314	0,002	0,008	0,112	FALSE
-0,017	0,308	0,000	0,010	0,011	FALSE
-0,097	0,293	-0,003	0,008	0,131	FALSE
0,016	0,295	0,001	0,007	0,028	FALSE
-0,031	0,291	-0,001	0,008	0,047	FALSE
-0,075	0,302	-0,002	0,008	0,078	FALSE
-0,084	0,305	-0,002	0,007	0,096	FALSE
0,110	0,303	0,003	0,008	0,142	FALSE
-0,050	0,298	-0,002	0,012	0,052	FALSE
0,080	0,312	0,003	0,010	0,108	FALSE
-0,056	0,310	-0,001	0,007	0,050	FALSE
-0,078	0,305	-0,003	0,011	0,087	FALSE
-0,010	0,297	0,000	0,006	0,019	FALSE
-0,044	0,309	-0,001	0,010	0,050	FALSE
-0,022	0,304	-0,001	0,010	0,022	FALSE
0,008	0,313	0,000	0,011	0,008	FALSE
-0,087	0,307	-0,003	0,008	0,129	FALSE
0,103	0,294	0,002	0,006	0,132	FALSE
-0,010	0,320	0,000	0,009	0,005	FALSE
0,100	0,292	0,005	0,012	0,163	FALSE
-0,002	0,293	-0,001	0,010	0,018	FALSE
-0,033	0,294	-0,002	0,012	0,056	FALSE
-0,051	0,304	-0,002	0,012	0,073	FALSE
0,010	0,299	0,001	0,008	0,054	FALSE
-0,003	0,299	0,001	0,009	0,042	FALSE
-0,129	0,302	-0,005	0,011	0,181	FALSE
-0,025	0,308	-0,001	0,011	0,033	FALSE
-0,034	0,302	0,000	0,009	0,007	FALSE
0,136	0,281	0,004	0,007	0,226	FALSE
0,042	0,307	0,001	0,011	0,043	FALSE
0,132	0,294	0,002	0,007	0,115	FALSE
0,091	0,312	0,002	0,008	0,106	FALSE
-0,019	0,300	0,000	0,011	0,000	FALSE
-0,130	0,305	-0,003	0,006	0,170	FALSE
0,103	0,304	0,003	0,009	0,131	FALSE
-0,002	0,298	0,000	0,007	0,024	FALSE
-0,073	0,311	-0,002	0,013	0,046	FALSE
0,062	0,305	0,002	0,009	0,078	FALSE
0,090	0,306	0,003	0,009	0,120	FALSE
0,057	0,314	0,002	0,009	0,067	FALSE
-0,059	0,307	-0,003	0,012	0,080	FALSE

-0,063	0,302	-0,001	0,006	0,076	FALSE
0,063	0,308	0,003	0,011	0,101	FALSE
0,055	0,322	0,002	0,009	0,069	FALSE
0,005	0,303	-0,001	0,013	0,019	FALSE
0,046	0,291	0,001	0,007	0,070	FALSE
0,025	0,316	0,001	0,010	0,018	FALSE
0,036	0,299	0,002	0,009	0,069	FALSE
-0,062	0,309	-0,002	0,010	0,082	FALSE
-0,089	0,314	-0,003	0,009	0,126	FALSE
-0,033	0,310	-0,001	0,008	0,063	FALSE
0,034	0,302	0,001	0,007	0,037	FALSE
-0,036	0,322	-0,002	0,009	0,070	FALSE
-0,022	0,311	0,000	0,007	0,009	FALSE
-0,032	0,305	-0,001	0,006	0,036	FALSE
0,034	0,316	0,001	0,008	0,030	FALSE
-0,010	0,317	0,000	0,008	0,005	FALSE
0,108	0,309	0,005	0,011	0,170	FALSE
0,010	0,312	0,000	0,012	0,014	FALSE
-0,052	0,310	-0,002	0,008	0,089	FALSE
-0,045	0,313	-0,002	0,010	0,084	FALSE
-0,098	0,305	-0,005	0,012	0,177	FALSE
-0,049	0,301	-0,001	0,008	0,067	FALSE
0,111	0,312	0,003	0,008	0,159	FALSE
0,069	0,301	0,002	0,006	0,091	FALSE
-0,027	0,309	0,000	0,011	0,004	FALSE
0,068	0,315	0,001	0,007	0,046	FALSE
0,106	0,304	0,003	0,009	0,146	FALSE
0,106	0,310	0,003	0,007	0,146	FALSE
-0,056	0,322	-0,002	0,009	0,087	FALSE
0,005	0,298	0,000	0,007	0,015	FALSE
-0,042	0,303	0,000	0,012	0,004	FALSE
0,147	0,290	0,004	0,007	0,251	FALSE
-0,036	0,311	-0,002	0,012	0,066	FALSE
-0,082	0,303	-0,003	0,008	0,151	FALSE
0,011	0,316	0,000	0,007	0,010	FALSE
0,127	0,297	0,005	0,012	0,167	FALSE
0,077	0,302	0,004	0,010	0,148	FALSE
0,039	0,312	0,002	0,012	0,070	FALSE
0,016	0,310	0,001	0,012	0,029	FALSE
0,053	0,293	0,003	0,013	0,085	FALSE
0,033	0,307	0,001	0,012	0,043	FALSE
-0,158	0,305	-0,006	0,010	0,274	FALSE
0,126	0,298	0,005	0,012	0,196	FALSE
0,024	0,323	0,001	0,009	0,043	FALSE
-0,096	0,301	-0,004	0,011	0,138	FALSE
-0,145	0,287	-0,003	0,007	0,192	FALSE
-0,057	0,285	-0,002	0,010	0,071	FALSE
-0,033	0,305	-0,001	0,009	0,052	FALSE
-0,077	0,310	-0,002	0,008	0,097	FALSE
0,010	0,303	0,001	0,008	0,023	FALSE
0,101	0,296	0,003	0,007	0,187	FALSE
-0,031	0,306	-0,002	0,010	0,060	FALSE
-0,073	0,279	-0,003	0,010	0,104	FALSE

-0,174	0,291	-0,006	0,011	0,264	FALSE
0,016	0,278	0,000	0,011	0,007	FALSE
0,176	0,301	0,005	0,009	0,240	FALSE
0,098	0,296	0,004	0,011	0,154	FALSE
-0,017	0,308	-0,001	0,008	0,030	FALSE
-0,053	0,305	-0,001	0,006	0,068	FALSE
0,083	0,309	0,003	0,008	0,128	FALSE
-0,024	0,298	0,000	0,009	0,001	FALSE
-0,023	0,307	-0,001	0,009	0,032	FALSE
-0,048	0,304	-0,001	0,007	0,064	FALSE
-0,088	0,302	-0,002	0,009	0,107	FALSE
-0,033	0,320	-0,001	0,008	0,041	FALSE
-0,033	0,316	-0,001	0,008	0,065	FALSE
-0,048	0,305	-0,002	0,008	0,102	FALSE
-0,136	0,299	-0,003	0,006	0,169	FALSE
-0,119	0,304	-0,005	0,011	0,173	FALSE
-0,084	0,311	-0,003	0,009	0,129	FALSE
-0,001	0,326	0,000	0,009	0,007	FALSE
0,037	0,304	0,001	0,009	0,057	FALSE
0,094	0,309	0,002	0,007	0,109	FALSE
-0,034	0,303	-0,001	0,009	0,030	FALSE
-0,010	0,292	0,000	0,009	0,005	FALSE
-0,080	0,302	-0,002	0,011	0,076	FALSE
-0,038	0,305	-0,001	0,011	0,045	FALSE
-0,108	0,295	-0,002	0,007	0,135	FALSE
0,109	0,310	0,004	0,012	0,142	FALSE
0,053	0,302	0,003	0,011	0,122	FALSE
-0,056	0,308	-0,002	0,011	0,066	FALSE
-0,129	0,297	-0,003	0,009	0,167	FALSE
0,043	0,303	0,001	0,007	0,028	FALSE
0,092	0,289	0,002	0,008	0,076	FALSE
-0,074	0,304	-0,002	0,006	0,099	FALSE
-0,034	0,298	-0,001	0,006	0,079	FALSE
0,055	0,301	0,001	0,011	0,021	FALSE
-0,081	0,293	-0,005	0,013	0,143	FALSE
0,039	0,305	0,001	0,011	0,039	FALSE
0,130	0,301	0,003	0,007	0,163	FALSE
0,097	0,296	0,004	0,011	0,133	FALSE
-0,138	0,304	-0,003	0,007	0,180	FALSE
0,003	0,310	0,000	0,007	0,014	FALSE
-0,089	0,296	-0,002	0,010	0,093	FALSE
0,003	0,314	0,001	0,007	0,047	FALSE
0,060	0,307	0,003	0,013	0,083	FALSE
0,033	0,302	0,002	0,007	0,086	FALSE
0,062	0,303	0,002	0,007	0,123	FALSE
-0,087	0,301	-0,004	0,011	0,129	FALSE
-0,103	0,300	-0,005	0,011	0,192	FALSE
-0,118	0,314	-0,005	0,010	0,211	FALSE
0,172	0,317	0,005	0,010	0,242	FALSE
0,001	0,307	0,000	0,013	0,012	FALSE
-0,022	0,309	-0,001	0,011	0,032	FALSE
0,055	0,302	0,002	0,012	0,076	FALSE
0,007	0,306	0,000	0,009	0,006	FALSE

-0,054	0,318	-0,002	0,009	0,064	FALSE
-0,120	0,305	-0,002	0,006	0,147	FALSE
0,159	0,305	0,005	0,010	0,218	FALSE
0,025	0,315	0,001	0,012	0,034	FALSE
-0,132	0,300	-0,005	0,012	0,161	FALSE
0,106	0,311	0,002	0,007	0,143	FALSE
0,034	0,313	0,001	0,009	0,046	FALSE
-0,137	0,304	-0,005	0,012	0,162	FALSE
-0,046	0,315	-0,002	0,010	0,090	FALSE
-0,071	0,319	-0,002	0,009	0,076	FALSE
-0,099	0,297	-0,002	0,006	0,140	FALSE
-0,105	0,307	-0,003	0,010	0,133	FALSE
-0,038	0,309	-0,001	0,008	0,050	FALSE
-0,092	0,302	-0,003	0,012	0,101	FALSE
-0,016	0,310	0,000	0,011	0,015	FALSE
-0,004	0,302	0,000	0,008	0,007	FALSE
0,045	0,307	0,000	0,007	0,021	FALSE
-0,069	0,304	-0,002	0,008	0,074	FALSE
-0,125	0,289	-0,004	0,008	0,191	FALSE
0,061	0,309	0,003	0,012	0,092	FALSE
0,044	0,315	0,002	0,013	0,062	FALSE
0,067	0,299	0,003	0,012	0,087	FALSE
0,098	0,305	0,001	0,006	0,087	FALSE
0,134	0,289	0,004	0,009	0,197	FALSE
-0,097	0,282	-0,004	0,011	0,132	FALSE
0,032	0,312	0,002	0,013	0,059	FALSE
-0,053	0,310	-0,002	0,009	0,067	FALSE
-0,087	0,314	-0,004	0,013	0,127	FALSE
-0,107	0,318	-0,005	0,013	0,146	FALSE
0,020	0,308	0,001	0,011	0,039	FALSE
0,049	0,300	0,001	0,008	0,065	FALSE
0,046	0,292	0,001	0,006	0,033	FALSE
0,073	0,310	0,003	0,013	0,089	FALSE
0,157	0,306	0,005	0,010	0,203	FALSE
0,131	0,313	0,004	0,009	0,166	FALSE
-0,048	0,295	-0,002	0,012	0,046	FALSE
-0,083	0,297	-0,002	0,008	0,119	FALSE
-0,038	0,312	0,000	0,007	0,024	FALSE
0,115	0,303	0,003	0,007	0,152	FALSE
-0,104	0,314	-0,004	0,013	0,130	FALSE
0,027	0,295	0,001	0,011	0,022	FALSE
-0,130	0,317	-0,003	0,007	0,153	FALSE
0,003	0,314	0,000	0,007	0,007	FALSE
0,115	0,315	0,003	0,007	0,172	FALSE
-0,063	0,304	-0,002	0,012	0,050	FALSE
0,140	0,294	0,005	0,009	0,223	FALSE
0,057	0,310	0,001	0,008	0,029	FALSE
-0,091	0,304	-0,002	0,007	0,093	FALSE
-0,122	0,297	-0,004	0,008	0,192	FALSE
0,108	0,297	0,003	0,010	0,128	FALSE
-0,035	0,303	0,000	0,007	0,019	FALSE
0,039	0,321	0,002	0,011	0,051	FALSE
0,047	0,304	0,002	0,008	0,084	FALSE

0,082	0,298	0,003	0,011	0,121	FALSE
0,055	0,302	0,001	0,007	0,055	FALSE
0,024	0,306	0,000	0,007	0,019	FALSE
0,103	0,309	0,004	0,011	0,148	FALSE
0,132	0,287	0,004	0,009	0,197	FALSE
0,093	0,309	0,003	0,008	0,135	FALSE
-0,021	0,306	0,000	0,006	0,000	FALSE
-0,014	0,308	-0,001	0,010	0,024	FALSE
-0,024	0,302	-0,001	0,009	0,041	FALSE
0,057	0,311	0,002	0,008	0,093	FALSE
-0,025	0,306	-0,001	0,009	0,059	FALSE
-0,022	0,306	-0,001	0,008	0,044	FALSE
-0,055	0,308	-0,001	0,013	0,039	FALSE
0,061	0,306	0,002	0,008	0,084	FALSE
-0,045	0,314	-0,001	0,007	0,034	FALSE
0,091	0,290	0,003	0,009	0,124	FALSE
-0,067	0,305	-0,001	0,007	0,070	FALSE
-0,069	0,302	-0,001	0,008	0,067	FALSE
-0,066	0,312	-0,001	0,008	0,053	FALSE
-0,039	0,308	-0,001	0,007	0,046	FALSE
0,001	0,317	0,000	0,013	0,008	FALSE
0,000	0,286	0,000	0,009	0,011	FALSE
0,087	0,311	0,003	0,009	0,116	FALSE
-0,080	0,299	-0,003	0,009	0,116	FALSE
-0,078	0,311	-0,003	0,011	0,103	FALSE
-0,131	0,309	-0,003	0,007	0,181	FALSE
0,074	0,301	0,002	0,009	0,087	FALSE
-0,069	0,308	-0,002	0,007	0,100	FALSE
0,082	0,318	0,002	0,007	0,084	FALSE
0,002	0,317	0,000	0,012	0,007	FALSE
0,009	0,303	0,001	0,012	0,017	FALSE
0,008	0,305	0,000	0,009	0,010	FALSE
-0,002	0,308	-0,001	0,011	0,039	FALSE
0,049	0,305	0,002	0,012	0,067	FALSE
0,063	0,303	0,003	0,010	0,123	FALSE
0,063	0,320	0,003	0,011	0,115	FALSE
0,018	0,299	0,000	0,012	0,006	FALSE
0,120	0,315	0,003	0,008	0,133	FALSE
0,034	0,309	0,001	0,009	0,050	FALSE
-0,039	0,297	-0,002	0,011	0,058	FALSE
-0,025	0,302	0,000	0,006	0,020	FALSE
0,053	0,300	0,001	0,007	0,058	FALSE
-0,024	0,289	-0,001	0,010	0,049	FALSE
0,100	0,311	0,003	0,010	0,112	FALSE
0,072	0,321	0,003	0,011	0,093	FALSE
-0,066	0,301	-0,001	0,006	0,075	FALSE
-0,060	0,304	-0,001	0,006	0,066	FALSE
0,026	0,292	0,001	0,008	0,044	FALSE
-0,038	0,290	-0,003	0,012	0,083	FALSE
-0,123	0,298	-0,004	0,013	0,137	FALSE
0,108	0,296	0,003	0,011	0,094	FALSE
0,044	0,298	0,000	0,013	0,000	FALSE
-0,018	0,308	0,000	0,007	0,010	FALSE

0,020	0,308	-0,001	0,012	0,020	FALSE
-0,121	0,305	-0,003	0,007	0,160	FALSE
-0,085	0,305	-0,002	0,006	0,114	FALSE
-0,002	0,304	0,000	0,006	0,009	FALSE
-0,002	0,302	0,001	0,011	0,032	FALSE
-0,070	0,302	-0,003	0,009	0,113	FALSE
0,079	0,317	0,002	0,008	0,103	FALSE
0,091	0,295	0,003	0,007	0,158	FALSE
0,107	0,314	0,003	0,010	0,102	FALSE
-0,084	0,301	-0,003	0,010	0,111	FALSE
0,098	0,299	0,003	0,009	0,117	FALSE
0,020	0,297	0,001	0,007	0,042	FALSE
-0,080	0,303	-0,003	0,009	0,107	FALSE
-0,196	0,305	-0,006	0,009	0,292	FALSE
0,013	0,312	0,000	0,007	0,017	FALSE
0,036	0,299	0,001	0,008	0,027	FALSE
-0,021	0,287	0,000	0,007	0,022	FALSE
0,046	0,307	0,001	0,009	0,026	FALSE
0,041	0,315	0,002	0,011	0,056	FALSE
0,003	0,288	-0,001	0,009	0,039	FALSE
0,029	0,304	0,000	0,007	0,012	FALSE
0,073	0,313	0,003	0,012	0,090	FALSE
-0,058	0,306	-0,002	0,008	0,083	FALSE
-0,109	0,319	-0,003	0,009	0,132	FALSE
0,033	0,294	0,001	0,007	0,067	FALSE
-0,033	0,314	-0,001	0,008	0,029	FALSE
-0,010	0,309	0,000	0,008	0,011	FALSE
-0,047	0,294	-0,002	0,011	0,077	FALSE
-0,059	0,279	-0,002	0,010	0,078	FALSE
-0,054	0,309	-0,002	0,009	0,072	FALSE
0,043	0,311	0,001	0,007	0,062	FALSE
0,110	0,307	0,005	0,012	0,168	FALSE
0,104	0,304	0,002	0,006	0,137	FALSE
0,118	0,291	0,002	0,006	0,160	FALSE
-0,044	0,296	-0,003	0,013	0,082	FALSE
-0,003	0,294	0,000	0,011	0,006	FALSE
-0,126	0,300	-0,005	0,011	0,168	FALSE
-0,037	0,311	-0,002	0,012	0,066	FALSE
-0,012	0,306	-0,001	0,011	0,026	FALSE
0,056	0,308	0,002	0,011	0,056	FALSE
0,032	0,316	0,001	0,012	0,020	FALSE
-0,109	0,295	-0,003	0,007	0,151	FALSE
-0,070	0,297	-0,004	0,011	0,155	FALSE
0,216	0,307	0,007	0,012	0,274	FALSE
-0,033	0,295	-0,001	0,007	0,038	FALSE
0,017	0,300	0,001	0,012	0,015	FALSE
0,068	0,307	0,002	0,009	0,084	FALSE
-0,057	0,291	-0,001	0,007	0,043	FALSE
0,058	0,308	0,001	0,008	0,055	FALSE
-0,180	0,293	-0,007	0,012	0,279	FALSE
-0,098	0,276	-0,004	0,008	0,189	FALSE
-0,066	0,302	-0,002	0,008	0,110	FALSE
-0,073	0,312	-0,002	0,008	0,112	FALSE

-0,068	0,295	-0,001	0,006	0,076	FALSE
-0,108	0,323	-0,004	0,012	0,131	FALSE
0,073	0,307	0,003	0,012	0,111	FALSE
0,021	0,304	0,002	0,012	0,046	FALSE
-0,105	0,296	-0,003	0,010	0,118	FALSE
-0,023	0,300	-0,001	0,011	0,030	FALSE
0,131	0,297	0,003	0,007	0,188	FALSE
0,058	0,311	0,001	0,012	0,040	FALSE
0,030	0,296	0,000	0,012	0,005	FALSE
0,102	0,296	0,002	0,007	0,135	FALSE
-0,051	0,314	-0,002	0,011	0,054	FALSE
-0,057	0,290	-0,001	0,011	0,046	FALSE
-0,048	0,312	-0,001	0,012	0,028	FALSE
0,070	0,313	0,002	0,012	0,078	FALSE
0,069	0,310	0,002	0,011	0,077	FALSE
-0,171	0,298	-0,004	0,008	0,239	FALSE
-0,030	0,317	-0,002	0,013	0,046	FALSE
0,004	0,310	0,000	0,012	0,005	FALSE
-0,007	0,304	-0,001	0,012	0,021	FALSE
-0,125	0,297	-0,005	0,011	0,173	FALSE
-0,025	0,310	-0,002	0,013	0,050	FALSE
-0,066	0,300	-0,003	0,010	0,122	FALSE
-0,076	0,296	-0,001	0,006	0,073	FALSE
-0,126	0,315	-0,005	0,010	0,187	FALSE
0,022	0,320	0,001	0,008	0,022	FALSE
-0,019	0,308	-0,001	0,008	0,041	FALSE
0,031	0,305	0,001	0,011	0,036	FALSE
-0,016	0,302	0,000	0,007	0,003	FALSE
0,040	0,315	0,002	0,011	0,068	FALSE
0,015	0,311	0,000	0,008	0,006	FALSE
0,018	0,279	0,000	0,009	0,015	FALSE
0,134	0,303	0,004	0,010	0,180	FALSE
0,069	0,299	0,001	0,007	0,069	FALSE
0,024	0,307	0,001	0,007	0,044	FALSE
-0,005	0,303	0,000	0,006	0,008	FALSE
-0,173	0,291	-0,008	0,012	0,331	FALSE
-0,052	0,299	-0,005	0,013	0,147	FALSE
0,037	0,309	0,001	0,008	0,043	FALSE
-0,177	0,293	-0,008	0,011	0,321	FALSE
0,054	0,298	0,002	0,009	0,093	FALSE
-0,048	0,313	-0,001	0,009	0,031	FALSE
0,052	0,300	0,001	0,008	0,053	FALSE
-0,093	0,313	-0,002	0,008	0,116	FALSE
-0,144	0,308	-0,004	0,008	0,194	FALSE
0,023	0,315	0,002	0,012	0,055	FALSE
-0,045	0,308	-0,001	0,013	0,029	FALSE
-0,050	0,302	-0,001	0,008	0,054	FALSE
0,112	0,319	0,004	0,011	0,166	FALSE
-0,047	0,296	-0,001	0,011	0,037	FALSE
-0,049	0,311	-0,002	0,012	0,048	FALSE
0,024	0,291	0,001	0,009	0,059	FALSE
0,045	0,309	0,002	0,012	0,073	FALSE
0,077	0,301	0,003	0,012	0,113	FALSE

-0,089	0,292	-0,004	0,011	0,164	FALSE
0,000	0,321	0,000	0,013	0,009	FALSE
-0,004	0,315	0,000	0,012	0,001	FALSE
-0,079	0,306	-0,002	0,008	0,115	FALSE
-0,029	0,299	-0,001	0,009	0,039	FALSE
-0,007	0,304	0,000	0,012	0,008	FALSE
-0,012	0,301	0,000	0,012	0,012	FALSE
0,049	0,314	0,000	0,007	0,014	FALSE
0,021	0,315	0,000	0,007	0,012	FALSE
-0,092	0,306	-0,003	0,011	0,115	FALSE
0,064	0,320	0,001	0,009	0,050	FALSE
0,040	0,310	0,001	0,008	0,061	FALSE
-0,053	0,298	-0,002	0,008	0,074	FALSE
-0,084	0,298	-0,003	0,011	0,107	FALSE
-0,001	0,304	0,000	0,011	0,006	FALSE
0,040	0,301	0,001	0,007	0,058	FALSE
-0,110	0,304	-0,005	0,012	0,163	FALSE
-0,100	0,293	-0,003	0,010	0,144	FALSE
-0,083	0,301	-0,004	0,013	0,119	FALSE
0,148	0,299	0,004	0,008	0,214	FALSE
-0,031	0,293	-0,002	0,010	0,063	FALSE
-0,105	0,301	-0,003	0,009	0,139	FALSE
-0,125	0,321	-0,004	0,010	0,152	FALSE
0,190	0,296	0,005	0,008	0,276	FALSE
0,066	0,309	0,001	0,007	0,051	FALSE
-0,022	0,298	-0,001	0,009	0,033	FALSE
-0,011	0,305	0,000	0,008	0,005	FALSE
0,069	0,310	0,002	0,008	0,099	FALSE
-0,082	0,312	-0,003	0,012	0,101	FALSE
-0,138	0,297	-0,003	0,006	0,176	FALSE
0,005	0,315	0,000	0,009	0,005	FALSE
0,046	0,302	0,003	0,012	0,107	FALSE
-0,014	0,313	0,000	0,011	0,015	FALSE
-0,034	0,317	-0,001	0,009	0,056	FALSE
-0,025	0,310	0,000	0,008	0,007	FALSE
-0,073	0,291	-0,002	0,009	0,072	FALSE
-0,088	0,288	-0,002	0,009	0,103	FALSE
0,027	0,291	0,000	0,009	0,002	FALSE
0,057	0,306	0,002	0,009	0,079	FALSE
0,049	0,291	0,001	0,010	0,049	FALSE
-0,056	0,314	-0,001	0,008	0,063	FALSE
0,070	0,311	0,002	0,010	0,070	FALSE
0,051	0,297	0,002	0,009	0,061	FALSE
0,020	0,307	0,002	0,012	0,047	FALSE
-0,148	0,314	-0,003	0,006	0,170	FALSE
0,020	0,312	0,001	0,012	0,041	FALSE
0,018	0,311	0,001	0,012	0,028	FALSE
0,000	0,305	0,000	0,012	0,004	FALSE
-0,213	0,301	-0,008	0,012	0,297	FALSE
0,001	0,308	0,000	0,009	0,007	FALSE
0,119	0,297	0,003	0,006	0,174	FALSE
0,069	0,297	0,002	0,008	0,109	FALSE
0,099	0,308	0,004	0,013	0,136	FALSE

-0,162	0,316	-0,003	0,008	0,172	FALSE
-0,057	0,299	-0,002	0,010	0,061	FALSE
0,083	0,309	0,003	0,012	0,093	FALSE
0,079	0,283	0,003	0,011	0,109	FALSE
0,079	0,296	0,003	0,012	0,107	FALSE
0,038	0,298	0,001	0,010	0,048	FALSE
0,029	0,293	0,001	0,010	0,039	FALSE
0,023	0,307	0,002	0,009	0,066	FALSE
0,057	0,293	0,002	0,007	0,095	FALSE
0,083	0,297	0,003	0,008	0,130	FALSE
-0,085	0,307	-0,002	0,008	0,119	FALSE
-0,073	0,295	-0,002	0,007	0,091	FALSE
-0,008	0,319	0,000	0,009	0,013	FALSE
-0,020	0,315	-0,001	0,006	0,052	FALSE
-0,023	0,306	-0,002	0,011	0,057	FALSE
-0,038	0,314	-0,002	0,009	0,074	FALSE
-0,026	0,299	-0,001	0,007	0,051	FALSE
-0,060	0,300	-0,002	0,007	0,106	FALSE
-0,008	0,302	0,000	0,009	0,009	FALSE
-0,116	0,309	-0,003	0,008	0,117	FALSE
-0,061	0,302	-0,002	0,009	0,084	FALSE
0,129	0,306	0,005	0,009	0,226	FALSE
0,092	0,313	0,003	0,009	0,144	FALSE
0,102	0,310	0,004	0,009	0,176	FALSE
0,022	0,310	0,001	0,011	0,026	FALSE
-0,124	0,307	-0,005	0,011	0,199	FALSE
0,103	0,309	0,004	0,009	0,178	FALSE
0,111	0,321	0,004	0,009	0,169	FALSE
-0,022	0,317	-0,001	0,009	0,028	FALSE
-0,089	0,317	-0,003	0,010	0,111	FALSE
-0,085	0,303	-0,002	0,006	0,111	FALSE
-0,001	0,313	0,000	0,007	0,003	FALSE
-0,048	0,308	-0,001	0,007	0,036	FALSE
-0,040	0,303	-0,001	0,007	0,030	FALSE
-0,034	0,298	0,000	0,007	0,023	FALSE
0,037	0,300	0,002	0,012	0,049	FALSE
0,005	0,302	-0,001	0,010	0,020	FALSE
0,109	0,310	0,003	0,009	0,116	FALSE
-0,016	0,316	-0,001	0,011	0,028	FALSE
-0,003	0,308	-0,001	0,008	0,030	FALSE
-0,148	0,309	-0,006	0,011	0,226	FALSE
-0,169	0,307	-0,008	0,013	0,281	FALSE
-0,115	0,304	-0,006	0,013	0,198	FALSE
-0,137	0,302	-0,007	0,012	0,241	FALSE
-0,138	0,321	-0,006	0,013	0,214	FALSE
-0,075	0,327	-0,003	0,008	0,117	FALSE
0,050	0,311	0,001	0,006	0,059	FALSE
0,066	0,298	0,002	0,011	0,057	FALSE
0,000	0,303	0,000	0,007	0,022	FALSE
0,189	0,311	0,005	0,008	0,281	FALSE
-0,044	0,308	-0,001	0,006	0,047	FALSE
-0,060	0,309	-0,001	0,006	0,060	FALSE
-0,061	0,326	-0,001	0,011	0,047	FALSE

0,050	0,315	0,001	0,007	0,048	FALSE
-0,100	0,305	-0,003	0,009	0,113	FALSE
-0,140	0,297	-0,003	0,007	0,193	FALSE
-0,143	0,311	-0,003	0,007	0,189	FALSE
-0,095	0,301	-0,004	0,009	0,166	FALSE
0,025	0,309	0,001	0,007	0,045	FALSE
0,017	0,310	0,000	0,008	0,010	FALSE
-0,044	0,298	-0,002	0,008	0,090	FALSE
0,106	0,299	0,004	0,012	0,141	FALSE
-0,044	0,309	-0,002	0,011	0,056	FALSE
-0,131	0,279	-0,004	0,009	0,185	FALSE
0,068	0,319	0,001	0,007	0,043	FALSE
0,019	0,302	0,002	0,012	0,045	FALSE
0,063	0,303	0,001	0,007	0,072	FALSE
-0,050	0,314	-0,002	0,012	0,069	FALSE
-0,152	0,308	-0,004	0,009	0,188	FALSE
0,032	0,322	0,002	0,009	0,067	FALSE
-0,036	0,302	0,000	0,008	0,009	FALSE
-0,102	0,317	-0,002	0,007	0,154	FALSE
-0,087	0,316	-0,002	0,006	0,121	FALSE
0,028	0,297	0,001	0,012	0,037	FALSE
0,024	0,296	0,001	0,012	0,029	FALSE
0,030	0,312	0,001	0,009	0,044	FALSE
-0,006	0,299	0,000	0,011	0,010	FALSE
-0,039	0,304	-0,002	0,012	0,072	FALSE
0,067	0,295	0,002	0,009	0,094	FALSE
-0,022	0,305	-0,001	0,007	0,041	FALSE
0,072	0,297	0,001	0,008	0,065	FALSE
0,043	0,302	0,001	0,009	0,061	FALSE
0,026	0,311	0,000	0,007	0,007	FALSE
0,019	0,308	0,001	0,013	0,017	FALSE
-0,057	0,303	-0,003	0,011	0,084	FALSE
0,006	0,292	0,000	0,011	0,002	FALSE
0,035	0,299	0,000	0,012	0,012	FALSE
0,065	0,297	0,002	0,009	0,100	FALSE
-0,101	0,295	-0,002	0,008	0,127	FALSE
-0,186	0,306	-0,006	0,009	0,280	FALSE
-0,113	0,296	-0,005	0,011	0,177	FALSE
0,012	0,307	0,000	0,010	0,000	FALSE
-0,065	0,311	-0,002	0,008	0,092	FALSE
-0,037	0,313	-0,001	0,008	0,054	FALSE
-0,074	0,314	-0,002	0,011	0,076	FALSE
0,011	0,305	0,000	0,007	0,010	FALSE
0,032	0,321	0,001	0,013	0,034	FALSE
-0,032	0,291	-0,001	0,011	0,041	FALSE
-0,008	0,319	0,000	0,007	0,013	FALSE
-0,001	0,308	0,000	0,006	0,022	FALSE
0,167	0,301	0,003	0,007	0,192	FALSE
-0,024	0,311	-0,001	0,008	0,029	FALSE
-0,051	0,324	-0,001	0,010	0,048	FALSE
-0,019	0,304	-0,001	0,009	0,026	FALSE
-0,028	0,296	-0,001	0,008	0,043	FALSE
-0,026	0,305	-0,001	0,013	0,030	FALSE

-0,031	0,317	0,000	0,008	0,015	FALSE
-0,096	0,303	-0,004	0,010	0,137	FALSE
-0,083	0,313	-0,003	0,009	0,131	FALSE
0,093	0,286	0,002	0,009	0,094	FALSE
-0,048	0,304	-0,004	0,013	0,114	FALSE
-0,037	0,310	-0,001	0,010	0,042	FALSE
-0,098	0,313	-0,003	0,010	0,102	FALSE
-0,172	0,299	-0,007	0,012	0,265	FALSE
-0,134	0,315	-0,004	0,008	0,209	FALSE
0,062	0,306	0,003	0,012	0,089	FALSE
0,051	0,317	0,003	0,013	0,079	FALSE
-0,065	0,312	-0,002	0,012	0,065	FALSE
-0,061	0,321	-0,002	0,011	0,055	FALSE
-0,075	0,301	-0,003	0,010	0,104	FALSE
-0,099	0,319	-0,003	0,011	0,102	FALSE
-0,056	0,306	-0,001	0,010	0,033	FALSE
0,070	0,306	0,002	0,008	0,102	FALSE
-0,115	0,296	-0,003	0,008	0,183	FALSE
0,053	0,322	0,002	0,013	0,045	FALSE
-0,107	0,315	-0,003	0,008	0,124	FALSE
0,006	0,326	0,001	0,008	0,029	FALSE
-0,073	0,299	-0,002	0,011	0,084	FALSE
-0,028	0,315	-0,001	0,009	0,020	FALSE
0,051	0,295	0,003	0,012	0,099	FALSE
-0,096	0,313	-0,004	0,012	0,137	FALSE
-0,016	0,312	0,000	0,012	0,002	FALSE
0,080	0,298	0,002	0,007	0,097	FALSE
-0,042	0,299	-0,001	0,009	0,032	FALSE
0,007	0,319	0,000	0,007	0,004	FALSE
-0,017	0,304	-0,002	0,013	0,054	FALSE
0,097	0,314	0,004	0,012	0,127	FALSE
0,079	0,309	0,001	0,009	0,052	FALSE
0,004	0,306	0,000	0,009	0,007	FALSE
-0,132	0,294	-0,005	0,011	0,171	FALSE
-0,050	0,309	0,000	0,008	0,019	FALSE
-0,016	0,306	0,000	0,007	0,003	FALSE
0,025	0,317	0,000	0,009	0,002	FALSE
0,063	0,319	0,001	0,008	0,053	FALSE
0,044	0,309	0,000	0,009	0,017	FALSE
-0,003	0,308	0,000	0,008	0,018	FALSE
0,016	0,316	0,001	0,008	0,029	FALSE
0,079	0,307	0,001	0,007	0,078	FALSE
0,006	0,307	0,000	0,007	0,017	FALSE
-0,008	0,301	0,000	0,007	0,004	FALSE
-0,091	0,311	-0,003	0,009	0,149	FALSE
0,023	0,312	0,001	0,007	0,033	FALSE
-0,007	0,290	0,001	0,009	0,028	FALSE
0,218	0,296	0,009	0,012	0,331	FALSE
-0,045	0,309	-0,002	0,012	0,060	FALSE
-0,027	0,309	-0,001	0,007	0,067	FALSE
0,038	0,301	0,001	0,007	0,063	FALSE
0,022	0,298	0,001	0,007	0,026	FALSE
0,084	0,313	0,004	0,011	0,129	FALSE

-0,079	0,315	-0,002	0,008	0,103	FALSE
-0,001	0,319	0,000	0,009	0,017	FALSE
0,081	0,319	0,003	0,010	0,097	FALSE
-0,115	0,312	-0,004	0,011	0,150	FALSE
0,129	0,301	0,005	0,012	0,185	FALSE
0,029	0,317	0,002	0,011	0,052	FALSE
-0,195	0,302	-0,008	0,012	0,279	FALSE
-0,023	0,313	0,000	0,009	0,017	FALSE
-0,077	0,308	-0,001	0,007	0,081	FALSE
-0,043	0,313	-0,001	0,007	0,038	FALSE
-0,012	0,307	0,000	0,007	0,003	FALSE
0,058	0,295	0,003	0,009	0,111	FALSE
0,139	0,306	0,003	0,008	0,172	FALSE
0,101	0,311	0,003	0,007	0,162	FALSE
0,140	0,306	0,004	0,008	0,200	FALSE
0,100	0,323	0,003	0,008	0,133	FALSE
0,015	0,320	0,001	0,007	0,032	FALSE
-0,056	0,308	-0,003	0,011	0,089	FALSE
-0,020	0,311	-0,001	0,013	0,017	FALSE
-0,083	0,303	-0,003	0,011	0,090	FALSE
0,027	0,319	0,001	0,006	0,035	FALSE
-0,022	0,311	0,000	0,008	0,013	FALSE
-0,049	0,308	-0,002	0,009	0,090	FALSE
0,089	0,307	0,004	0,012	0,123	FALSE
0,080	0,295	0,003	0,011	0,112	FALSE
-0,012	0,311	0,001	0,012	0,022	FALSE
-0,047	0,299	-0,001	0,006	0,042	FALSE
0,113	0,292	0,002	0,007	0,129	FALSE
-0,089	0,304	-0,002	0,007	0,086	FALSE
0,064	0,293	0,002	0,009	0,069	FALSE
-0,049	0,305	-0,002	0,007	0,082	FALSE
-0,039	0,303	-0,001	0,006	0,037	FALSE
-0,120	0,299	-0,005	0,012	0,158	FALSE
-0,040	0,305	-0,002	0,009	0,070	FALSE
0,070	0,303	0,003	0,012	0,088	FALSE
-0,130	0,314	-0,006	0,012	0,203	FALSE
-0,151	0,297	-0,006	0,011	0,225	FALSE
0,230	0,291	0,010	0,012	0,400	FALSE
0,096	0,314	0,002	0,007	0,117	FALSE
-0,027	0,314	0,000	0,006	0,007	FALSE
-0,034	0,312	-0,001	0,008	0,023	FALSE
-0,198	0,301	-0,009	0,013	0,331	FALSE
-0,093	0,309	-0,002	0,009	0,110	FALSE
0,027	0,304	0,001	0,008	0,043	FALSE
-0,043	0,318	-0,001	0,010	0,040	FALSE
-0,194	0,296	-0,009	0,012	0,314	FALSE
-0,239	0,290	-0,008	0,010	0,383	FALSE
-0,001	0,324	0,000	0,008	0,001	FALSE
0,129	0,306	0,003	0,008	0,159	FALSE
0,175	0,300	0,005	0,009	0,254	FALSE
-0,032	0,309	-0,001	0,010	0,018	FALSE
0,104	0,309	0,003	0,012	0,106	FALSE
-0,105	0,305	-0,004	0,010	0,147	FALSE

-0,088	0,300	-0,002	0,010	0,097	FALSE
0,019	0,306	0,001	0,012	0,029	FALSE
-0,025	0,315	-0,001	0,008	0,034	FALSE
0,086	0,302	0,002	0,011	0,086	FALSE
0,007	0,310	0,000	0,010	0,007	FALSE
-0,127	0,302	-0,003	0,006	0,162	FALSE
0,032	0,304	0,002	0,011	0,053	FALSE
0,130	0,303	0,004	0,007	0,220	FALSE
0,000	0,315	0,000	0,013	0,005	FALSE
-0,032	0,309	-0,001	0,007	0,040	FALSE
0,091	0,307	0,002	0,007	0,113	FALSE
0,009	0,312	0,000	0,013	0,007	FALSE
0,019	0,305	0,001	0,012	0,038	FALSE
-0,063	0,321	-0,002	0,009	0,077	FALSE
-0,039	0,294	-0,002	0,012	0,067	FALSE
0,099	0,295	0,003	0,008	0,127	FALSE
0,023	0,302	0,001	0,011	0,047	FALSE
-0,028	0,302	-0,001	0,013	0,020	FALSE
-0,012	0,303	0,000	0,012	0,002	FALSE
0,085	0,302	0,003	0,012	0,107	FALSE
0,008	0,307	0,000	0,008	0,010	FALSE
0,016	0,301	0,000	0,007	0,001	FALSE
0,062	0,302	0,002	0,008	0,085	FALSE
-0,091	0,302	-0,002	0,007	0,135	FALSE
0,045	0,309	0,002	0,010	0,074	FALSE
0,004	0,309	0,000	0,008	0,016	FALSE
-0,038	0,302	-0,002	0,012	0,055	FALSE
-0,017	0,316	-0,001	0,007	0,048	FALSE
0,005	0,306	0,000	0,012	0,004	FALSE
-0,021	0,304	-0,001	0,010	0,022	FALSE
0,043	0,306	0,000	0,007	0,012	FALSE
-0,073	0,296	-0,003	0,010	0,111	FALSE
-0,030	0,314	-0,001	0,008	0,038	FALSE
-0,070	0,317	-0,001	0,007	0,071	FALSE
-0,025	0,313	0,000	0,006	0,021	FALSE
0,077	0,313	0,002	0,006	0,093	FALSE
-0,086	0,303	-0,003	0,012	0,098	FALSE
0,066	0,315	0,002	0,008	0,082	FALSE
0,056	0,301	0,001	0,008	0,069	FALSE
0,171	0,302	0,006	0,012	0,233	FALSE
-0,057	0,299	-0,003	0,012	0,087	FALSE
-0,109	0,305	-0,003	0,008	0,140	FALSE
0,021	0,308	0,001	0,009	0,058	FALSE
-0,013	0,307	-0,001	0,007	0,043	FALSE
0,021	0,319	0,000	0,007	0,000	FALSE
0,170	0,298	0,006	0,010	0,296	FALSE
0,217	0,294	0,008	0,011	0,353	FALSE
0,045	0,309	0,001	0,008	0,043	FALSE
0,094	0,304	0,003	0,008	0,140	FALSE
0,021	0,318	0,001	0,011	0,024	FALSE
-0,137	0,301	-0,003	0,007	0,166	FALSE
0,012	0,310	0,000	0,011	0,006	FALSE
0,006	0,326	0,000	0,012	0,013	FALSE

0,087	0,293	0,002	0,008	0,078	FALSE
-0,035	0,299	-0,001	0,012	0,035	FALSE
0,231	0,293	0,010	0,013	0,344	FALSE
0,108	0,323	0,004	0,010	0,138	FALSE
0,059	0,309	0,001	0,008	0,062	FALSE
0,132	0,296	0,005	0,011	0,172	FALSE
0,091	0,319	0,003	0,009	0,116	FALSE
0,161	0,297	0,004	0,006	0,263	FALSE
0,031	0,303	0,001	0,010	0,039	FALSE
-0,117	0,302	-0,003	0,008	0,139	FALSE
-0,055	0,309	-0,001	0,007	0,062	FALSE
0,166	0,305	0,004	0,008	0,227	FALSE
0,013	0,302	0,000	0,012	0,001	FALSE
0,007	0,327	0,000	0,010	0,001	FALSE
-0,126	0,301	-0,005	0,010	0,219	FALSE
-0,119	0,314	-0,004	0,011	0,168	FALSE
-0,034	0,305	-0,001	0,008	0,055	FALSE
0,065	0,304	0,003	0,011	0,100	FALSE
0,165	0,308	0,003	0,007	0,206	FALSE
0,015	0,313	0,001	0,009	0,028	FALSE
-0,074	0,303	-0,002	0,007	0,110	FALSE
-0,042	0,302	-0,002	0,007	0,089	FALSE
0,132	0,302	0,003	0,008	0,168	FALSE
-0,106	0,310	-0,002	0,006	0,139	FALSE
-0,110	0,290	-0,004	0,012	0,116	FALSE
0,086	0,308	0,003	0,013	0,105	FALSE
0,054	0,319	0,002	0,009	0,085	FALSE
-0,006	0,315	-0,001	0,012	0,020	FALSE
0,024	0,313	0,001	0,008	0,054	FALSE
-0,015	0,315	-0,001	0,012	0,033	FALSE
0,121	0,314	0,003	0,007	0,155	FALSE
-0,018	0,314	0,000	0,007	0,011	FALSE
0,050	0,307	0,001	0,010	0,047	FALSE
0,082	0,297	0,002	0,009	0,095	FALSE
-0,015	0,310	-0,001	0,009	0,040	FALSE
-0,069	0,302	-0,001	0,007	0,067	FALSE
-0,100	0,300	-0,004	0,012	0,135	FALSE
-0,025	0,303	-0,001	0,009	0,058	FALSE
-0,008	0,290	0,000	0,008	0,008	FALSE
-0,039	0,294	-0,001	0,011	0,048	FALSE
-0,033	0,295	-0,002	0,011	0,055	FALSE
-0,114	0,304	-0,002	0,006	0,135	FALSE
-0,015	0,310	0,000	0,010	0,002	FALSE
-0,153	0,314	-0,006	0,012	0,206	FALSE
0,002	0,295	0,000	0,010	0,009	FALSE
-0,003	0,301	0,000	0,009	0,018	FALSE
-0,027	0,318	0,000	0,012	0,014	FALSE
-0,053	0,309	-0,002	0,011	0,056	FALSE
-0,056	0,311	-0,002	0,011	0,072	FALSE
0,081	0,313	0,003	0,012	0,100	FALSE
0,040	0,293	0,001	0,009	0,042	FALSE
0,148	0,301	0,005	0,012	0,171	FALSE
0,008	0,313	0,002	0,012	0,045	FALSE

0,066	0,298	0,002	0,007	0,099	FALSE
-0,044	0,299	-0,001	0,006	0,047	FALSE
-0,115	0,293	-0,004	0,009	0,173	FALSE
0,014	0,289	0,000	0,011	0,008	FALSE
0,029	0,307	0,002	0,012	0,053	FALSE
0,081	0,311	0,002	0,008	0,097	FALSE
-0,030	0,302	-0,001	0,007	0,027	FALSE
0,027	0,315	0,001	0,011	0,023	FALSE
-0,027	0,296	-0,001	0,006	0,046	FALSE
0,047	0,319	0,002	0,009	0,077	FALSE
-0,001	0,303	0,001	0,010	0,027	FALSE
0,000	0,307	0,001	0,012	0,027	FALSE
-0,028	0,314	-0,002	0,011	0,054	FALSE
0,057	0,299	0,001	0,007	0,063	FALSE
0,046	0,292	0,002	0,011	0,062	FALSE
-0,053	0,314	-0,002	0,007	0,083	FALSE
0,006	0,329	0,000	0,007	0,006	FALSE
0,171	0,318	0,003	0,007	0,206	FALSE
-0,110	0,306	-0,002	0,008	0,119	FALSE
0,140	0,304	0,004	0,008	0,193	FALSE
0,162	0,283	0,005	0,008	0,282	FALSE
-0,135	0,300	-0,004	0,009	0,210	FALSE
-0,115	0,296	-0,002	0,006	0,125	FALSE
0,003	0,324	0,000	0,007	0,017	FALSE
-0,021	0,305	0,000	0,012	0,005	FALSE
-0,004	0,313	0,000	0,006	0,024	FALSE
0,041	0,307	0,001	0,010	0,040	FALSE
0,043	0,309	0,000	0,011	0,012	FALSE
0,012	0,315	-0,001	0,011	0,020	FALSE
0,060	0,313	0,003	0,010	0,116	FALSE
-0,108	0,301	-0,004	0,009	0,157	FALSE
0,050	0,283	0,001	0,007	0,033	FALSE
0,162	0,294	0,008	0,012	0,271	FALSE
-0,007	0,304	0,001	0,012	0,028	FALSE
0,034	0,315	0,001	0,010	0,057	FALSE
-0,041	0,298	-0,001	0,009	0,048	FALSE
-0,097	0,303	-0,005	0,011	0,177	FALSE
-0,055	0,314	-0,004	0,013	0,106	FALSE
-0,055	0,310	-0,004	0,012	0,131	FALSE
-0,087	0,315	-0,004	0,010	0,144	FALSE
-0,143	0,308	-0,005	0,011	0,198	FALSE
0,015	0,301	0,000	0,009	0,006	FALSE
-0,183	0,306	-0,006	0,011	0,245	FALSE
0,083	0,302	0,002	0,008	0,073	FALSE
0,114	0,295	0,004	0,008	0,192	FALSE
0,114	0,299	0,003	0,008	0,188	FALSE
-0,033	0,302	-0,002	0,011	0,077	FALSE
-0,048	0,318	-0,002	0,012	0,046	FALSE
-0,106	0,306	-0,003	0,008	0,128	FALSE
0,093	0,304	0,004	0,012	0,135	FALSE
0,126	0,309	0,004	0,011	0,164	FALSE
-0,054	0,307	-0,001	0,007	0,041	FALSE
-0,060	0,311	-0,003	0,013	0,100	FALSE

-0,007	0,310	0,000	0,009	0,007	FALSE
-0,009	0,307	-0,001	0,012	0,028	FALSE
-0,003	0,307	0,000	0,007	0,025	FALSE
0,106	0,310	0,003	0,007	0,140	FALSE
-0,075	0,316	-0,002	0,008	0,115	FALSE
-0,047	0,300	-0,002	0,012	0,076	FALSE
0,174	0,302	0,006	0,010	0,261	FALSE
0,112	0,296	0,003	0,007	0,178	FALSE
0,004	0,300	0,000	0,007	0,003	FALSE
-0,005	0,311	0,000	0,007	0,010	FALSE
-0,047	0,316	-0,001	0,007	0,029	FALSE
-0,031	0,303	-0,001	0,007	0,051	FALSE
0,058	0,329	0,003	0,010	0,115	FALSE
0,112	0,290	0,004	0,012	0,155	FALSE
0,111	0,279	0,003	0,011	0,113	FALSE
0,019	0,318	0,001	0,012	0,025	FALSE
-0,041	0,303	-0,001	0,011	0,039	FALSE
-0,047	0,313	-0,003	0,011	0,089	FALSE
0,073	0,285	0,004	0,009	0,151	FALSE
0,062	0,292	0,003	0,010	0,128	FALSE
0,007	0,301	0,000	0,012	0,010	FALSE
-0,103	0,305	-0,004	0,012	0,140	FALSE
-0,040	0,305	-0,002	0,010	0,083	FALSE
0,075	0,287	0,003	0,008	0,153	FALSE
-0,079	0,310	-0,002	0,012	0,074	FALSE
0,143	0,293	0,004	0,010	0,156	FALSE
0,150	0,294	0,004	0,010	0,174	FALSE
-0,047	0,299	-0,001	0,006	0,067	FALSE
-0,072	0,302	-0,002	0,008	0,116	FALSE
-0,148	0,301	-0,006	0,012	0,204	FALSE
-0,132	0,296	-0,005	0,012	0,179	FALSE
0,028	0,299	0,001	0,010	0,049	FALSE
0,082	0,306	0,003	0,010	0,097	FALSE
0,007	0,304	-0,001	0,011	0,033	FALSE
0,056	0,311	0,001	0,012	0,034	FALSE
-0,043	0,304	0,000	0,006	0,022	FALSE
-0,065	0,313	-0,002	0,009	0,073	FALSE
0,049	0,310	0,002	0,009	0,094	FALSE
-0,120	0,304	-0,005	0,011	0,181	FALSE
-0,009	0,313	0,000	0,011	0,000	FALSE
-0,130	0,297	-0,005	0,009	0,222	FALSE
-0,032	0,300	-0,001	0,009	0,046	FALSE
0,064	0,306	0,003	0,012	0,106	FALSE
0,004	0,314	0,001	0,007	0,044	FALSE
-0,056	0,308	-0,002	0,009	0,087	FALSE
0,194	0,298	0,007	0,011	0,269	FALSE
-0,056	0,315	-0,003	0,013	0,087	FALSE
-0,066	0,309	-0,002	0,012	0,069	FALSE
-0,067	0,311	-0,002	0,012	0,073	FALSE
-0,067	0,307	-0,002	0,010	0,066	FALSE
-0,079	0,295	-0,003	0,010	0,118	FALSE
-0,072	0,302	-0,002	0,011	0,079	FALSE
0,152	0,282	0,004	0,008	0,223	FALSE

-0,110	0,314	-0,004	0,012	0,125	FALSE
-0,108	0,302	-0,004	0,012	0,130	FALSE
-0,088	0,304	-0,004	0,012	0,115	FALSE
-0,119	0,314	-0,002	0,008	0,124	FALSE
0,126	0,298	0,003	0,006	0,182	FALSE
0,005	0,323	0,000	0,013	0,005	FALSE
0,127	0,304	0,004	0,010	0,175	FALSE
0,106	0,301	0,002	0,008	0,120	FALSE
-0,073	0,313	-0,002	0,009	0,067	FALSE
0,026	0,300	0,000	0,012	0,004	FALSE
0,017	0,301	-0,001	0,013	0,015	FALSE
0,076	0,307	0,001	0,007	0,050	FALSE
0,105	0,308	0,004	0,010	0,178	FALSE
-0,074	0,316	-0,002	0,010	0,084	FALSE
0,000	0,303	-0,001	0,012	0,024	FALSE
-0,089	0,302	-0,004	0,010	0,159	FALSE
0,007	0,306	0,000	0,012	0,010	FALSE
0,005	0,296	0,000	0,008	0,008	FALSE
-0,050	0,314	-0,001	0,008	0,052	FALSE
-0,069	0,314	-0,003	0,011	0,092	FALSE
-0,057	0,328	-0,001	0,007	0,065	FALSE
-0,012	0,311	0,000	0,012	0,003	FALSE
-0,033	0,306	-0,001	0,011	0,030	FALSE
-0,027	0,310	-0,001	0,007	0,034	FALSE
-0,043	0,314	-0,001	0,008	0,055	FALSE
-0,081	0,315	-0,002	0,007	0,110	FALSE
-0,051	0,300	-0,001	0,007	0,048	FALSE
0,037	0,296	0,002	0,009	0,064	FALSE
-0,039	0,312	-0,001	0,009	0,034	FALSE
0,033	0,299	0,001	0,010	0,023	FALSE
-0,073	0,293	-0,002	0,008	0,110	FALSE
-0,091	0,330	-0,002	0,009	0,093	FALSE
-0,008	0,298	0,000	0,009	0,016	FALSE
-0,011	0,307	0,000	0,009	0,002	FALSE
-0,072	0,308	-0,002	0,009	0,090	FALSE
-0,052	0,314	-0,002	0,008	0,081	FALSE
0,069	0,305	0,002	0,010	0,087	FALSE
0,212	0,300	0,006	0,008	0,318	FALSE
-0,101	0,302	-0,003	0,008	0,144	FALSE
-0,008	0,307	0,000	0,007	0,017	FALSE
0,083	0,288	0,002	0,010	0,074	FALSE
0,137	0,287	0,004	0,008	0,191	FALSE
-0,053	0,317	-0,003	0,011	0,093	FALSE
0,055	0,309	0,001	0,008	0,035	FALSE
-0,061	0,317	-0,003	0,011	0,101	FALSE
-0,053	0,316	-0,003	0,010	0,093	FALSE
0,044	0,303	0,001	0,006	0,060	FALSE
-0,031	0,307	-0,001	0,008	0,062	FALSE
-0,035	0,312	-0,001	0,007	0,051	FALSE
-0,009	0,308	0,000	0,010	0,013	FALSE
-0,078	0,314	-0,003	0,012	0,109	FALSE
-0,136	0,292	-0,003	0,008	0,169	FALSE
-0,046	0,308	-0,002	0,012	0,069	FALSE

-0,084	0,285	-0,003	0,009	0,107	FALSE
-0,041	0,295	-0,002	0,010	0,064	FALSE
0,049	0,310	0,001	0,006	0,038	FALSE
0,035	0,300	0,001	0,007	0,046	FALSE
-0,041	0,315	-0,002	0,012	0,061	FALSE
-0,057	0,315	-0,001	0,010	0,051	FALSE
0,018	0,302	0,001	0,011	0,017	FALSE
0,094	0,307	0,002	0,007	0,104	FALSE
0,038	0,322	0,001	0,007	0,050	FALSE
-0,022	0,310	0,000	0,006	0,021	FALSE
0,161	0,317	0,005	0,012	0,178	FALSE
0,187	0,297	0,006	0,012	0,231	FALSE
0,052	0,314	0,001	0,012	0,021	FALSE
-0,178	0,302	-0,006	0,011	0,219	FALSE
0,099	0,309	0,003	0,011	0,100	FALSE
-0,039	0,322	-0,001	0,007	0,030	FALSE
-0,099	0,302	-0,004	0,010	0,170	FALSE
-0,126	0,302	-0,002	0,007	0,118	FALSE
-0,130	0,308	-0,003	0,009	0,164	FALSE
0,128	0,295	0,007	0,012	0,239	TRUE
0,042	0,295	0,001	0,008	0,042	FALSE
0,050	0,308	0,002	0,011	0,072	FALSE
-0,029	0,318	-0,001	0,012	0,027	FALSE
0,063	0,306	0,002	0,008	0,096	FALSE
0,091	0,299	0,002	0,007	0,122	FALSE
0,025	0,312	0,001	0,010	0,036	FALSE
-0,031	0,318	0,000	0,006	0,027	FALSE
0,003	0,296	0,001	0,011	0,026	FALSE
0,051	0,306	0,001	0,007	0,072	FALSE
0,052	0,313	0,002	0,008	0,070	FALSE
0,191	0,296	0,007	0,012	0,240	FALSE
-0,012	0,305	-0,001	0,006	0,030	FALSE
0,033	0,312	0,001	0,009	0,037	FALSE
0,009	0,310	-0,001	0,010	0,021	FALSE
-0,003	0,308	0,000	0,008	0,018	FALSE
-0,155	0,309	-0,003	0,007	0,200	FALSE
-0,060	0,311	-0,002	0,013	0,054	FALSE
0,005	0,322	0,000	0,013	0,003	FALSE
0,046	0,312	0,001	0,009	0,053	FALSE
0,035	0,316	0,001	0,009	0,043	FALSE
-0,138	0,318	-0,003	0,007	0,161	FALSE
-0,001	0,313	-0,001	0,010	0,054	FALSE
-0,012	0,309	-0,001	0,008	0,053	FALSE
0,020	0,301	0,000	0,009	0,019	FALSE
-0,029	0,312	0,000	0,013	0,009	FALSE
0,044	0,297	0,001	0,007	0,082	FALSE
0,022	0,304	0,000	0,009	0,000	FALSE
0,108	0,290	0,003	0,007	0,174	FALSE
-0,103	0,309	-0,002	0,008	0,127	FALSE
0,040	0,317	0,002	0,011	0,062	FALSE
-0,096	0,316	-0,003	0,010	0,135	FALSE
0,071	0,299	0,001	0,008	0,066	FALSE
-0,051	0,322	-0,001	0,008	0,056	FALSE

-0,023	0,309	-0,001	0,011	0,017	FALSE
-0,055	0,306	-0,001	0,007	0,076	FALSE
-0,026	0,308	-0,001	0,008	0,032	FALSE
-0,059	0,310	-0,001	0,008	0,063	FALSE
0,024	0,310	0,001	0,011	0,035	FALSE
-0,092	0,303	-0,003	0,010	0,099	FALSE
-0,067	0,302	-0,002	0,007	0,129	FALSE
0,082	0,321	0,003	0,012	0,099	FALSE
0,039	0,313	0,001	0,012	0,039	FALSE
0,040	0,304	0,001	0,009	0,041	FALSE
0,058	0,298	0,001	0,008	0,048	FALSE
-0,087	0,294	-0,003	0,007	0,154	FALSE
-0,120	0,290	-0,004	0,008	0,218	FALSE
-0,103	0,305	-0,004	0,009	0,202	FALSE
-0,176	0,305	-0,007	0,011	0,276	FALSE
-0,075	0,304	-0,004	0,012	0,135	FALSE
-0,066	0,313	-0,002	0,007	0,106	FALSE
0,086	0,301	0,004	0,010	0,153	FALSE
0,137	0,313	0,003	0,007	0,175	FALSE
0,028	0,311	0,000	0,008	0,022	FALSE
0,064	0,293	0,004	0,012	0,124	FALSE
0,090	0,323	0,003	0,009	0,124	FALSE
0,005	0,300	0,000	0,008	0,007	FALSE
-0,010	0,302	0,000	0,011	0,006	FALSE
0,113	0,309	0,002	0,006	0,143	FALSE
0,032	0,310	0,001	0,010	0,031	FALSE
-0,033	0,296	-0,001	0,009	0,025	FALSE
-0,041	0,301	-0,002	0,009	0,071	FALSE
0,082	0,307	0,002	0,008	0,100	FALSE
0,000	0,307	0,000	0,010	0,009	FALSE
-0,023	0,306	-0,001	0,006	0,037	FALSE
-0,010	0,298	0,000	0,008	0,001	FALSE
0,059	0,312	0,001	0,010	0,041	FALSE
-0,003	0,307	0,000	0,006	0,014	FALSE
0,076	0,314	0,003	0,013	0,091	FALSE
0,069	0,297	0,001	0,007	0,063	FALSE
0,066	0,304	0,002	0,008	0,102	FALSE
-0,041	0,319	-0,002	0,013	0,052	FALSE
0,065	0,273	0,003	0,010	0,126	FALSE
0,066	0,305	0,001	0,006	0,060	FALSE
0,070	0,300	0,001	0,007	0,059	FALSE
0,016	0,304	0,001	0,009	0,049	FALSE
0,054	0,300	0,002	0,007	0,098	FALSE
-0,015	0,309	-0,001	0,010	0,053	FALSE
0,055	0,305	0,001	0,006	0,054	FALSE
-0,141	0,301	-0,003	0,007	0,198	FALSE
0,024	0,310	0,001	0,013	0,025	FALSE
-0,053	0,312	-0,001	0,006	0,084	FALSE
-0,002	0,306	0,000	0,012	0,004	FALSE
-0,028	0,302	0,000	0,008	0,007	FALSE
0,074	0,305	0,002	0,007	0,096	FALSE
-0,001	0,315	0,000	0,006	0,006	FALSE
0,030	0,311	0,001	0,008	0,062	FALSE

0,051	0,303	0,002	0,008	0,090	FALSE
-0,053	0,313	-0,001	0,010	0,051	FALSE
0,189	0,289	0,006	0,008	0,317	FALSE
-0,086	0,306	-0,003	0,009	0,134	FALSE
-0,039	0,317	-0,001	0,010	0,037	FALSE
-0,033	0,318	-0,001	0,007	0,034	FALSE
-0,020	0,299	0,000	0,012	0,008	FALSE
0,113	0,291	0,004	0,008	0,180	FALSE
-0,057	0,324	-0,001	0,008	0,059	FALSE
0,105	0,295	0,004	0,010	0,144	FALSE
0,056	0,299	0,001	0,010	0,048	FALSE
0,006	0,307	-0,001	0,012	0,016	FALSE
-0,049	0,298	-0,002	0,012	0,067	FALSE
-0,123	0,311	-0,003	0,008	0,149	FALSE
0,089	0,318	0,002	0,009	0,093	FALSE
0,026	0,314	0,001	0,012	0,036	FALSE
-0,018	0,312	-0,001	0,010	0,049	FALSE
0,026	0,299	0,001	0,007	0,039	FALSE
-0,071	0,309	-0,002	0,010	0,089	FALSE
-0,039	0,305	-0,003	0,012	0,106	FALSE
-0,034	0,323	-0,001	0,007	0,068	FALSE
-0,048	0,307	-0,002	0,010	0,059	FALSE
0,007	0,295	0,000	0,006	0,018	FALSE
-0,014	0,318	0,000	0,008	0,002	FALSE
0,032	0,312	0,001	0,008	0,051	FALSE
-0,036	0,301	-0,002	0,011	0,077	FALSE
-0,023	0,301	-0,001	0,009	0,020	FALSE
-0,068	0,304	-0,004	0,012	0,114	FALSE
-0,015	0,319	0,000	0,011	0,009	FALSE
0,017	0,316	0,000	0,008	0,014	FALSE
0,045	0,298	0,001	0,007	0,045	FALSE
0,043	0,307	0,001	0,008	0,054	FALSE
0,019	0,312	0,000	0,012	0,003	FALSE
0,014	0,307	0,000	0,012	0,015	FALSE
0,023	0,303	0,001	0,007	0,036	FALSE
0,050	0,318	0,002	0,011	0,071	FALSE
-0,110	0,303	-0,004	0,012	0,128	FALSE
0,146	0,290	0,006	0,012	0,202	FALSE
-0,037	0,298	-0,003	0,012	0,079	FALSE
-0,100	0,306	-0,005	0,012	0,159	FALSE
0,164	0,284	0,007	0,011	0,263	FALSE
0,124	0,302	0,005	0,010	0,200	FALSE
0,009	0,309	0,001	0,008	0,025	FALSE
-0,020	0,316	-0,001	0,008	0,052	FALSE
0,026	0,307	0,001	0,007	0,038	FALSE
-0,036	0,311	-0,001	0,010	0,044	FALSE
-0,026	0,299	-0,001	0,006	0,067	FALSE
-0,069	0,300	-0,002	0,007	0,094	FALSE
-0,067	0,317	-0,002	0,011	0,073	FALSE
0,008	0,295	-0,001	0,012	0,023	FALSE
-0,014	0,316	-0,002	0,010	0,061	FALSE
0,070	0,305	0,005	0,013	0,153	FALSE
0,208	0,285	0,007	0,009	0,393	FALSE

-0,023	0,300	0,001	0,011	0,039	FALSE
0,039	0,303	0,003	0,012	0,103	FALSE
-0,114	0,316	-0,003	0,007	0,155	FALSE
-0,108	0,306	-0,002	0,007	0,146	FALSE
0,020	0,309	0,001	0,008	0,037	FALSE
0,049	0,311	0,002	0,008	0,091	FALSE
0,083	0,297	0,003	0,008	0,149	FALSE
-0,052	0,309	-0,001	0,007	0,061	FALSE
-0,082	0,300	-0,004	0,012	0,118	FALSE
-0,037	0,307	-0,002	0,012	0,054	FALSE
-0,110	0,297	-0,003	0,009	0,150	FALSE
0,030	0,307	0,001	0,009	0,042	FALSE
-0,096	0,313	-0,003	0,009	0,113	FALSE
-0,009	0,307	0,000	0,008	0,017	FALSE
-0,093	0,301	-0,006	0,012	0,198	FALSE
0,063	0,308	0,002	0,007	0,096	FALSE
0,063	0,318	0,002	0,007	0,092	FALSE
-0,059	0,313	-0,002	0,007	0,092	FALSE
-0,058	0,318	-0,002	0,008	0,086	FALSE
-0,054	0,319	-0,002	0,008	0,095	FALSE
-0,001	0,303	-0,002	0,011	0,050	FALSE
-0,028	0,315	-0,001	0,008	0,030	FALSE
0,116	0,297	0,003	0,008	0,156	FALSE
0,151	0,306	0,004	0,009	0,182	FALSE
0,041	0,302	0,003	0,010	0,112	FALSE
0,049	0,308	0,002	0,007	0,109	FALSE
-0,062	0,313	-0,002	0,007	0,094	FALSE
-0,132	0,310	-0,003	0,007	0,154	FALSE
-0,166	0,312	-0,004	0,008	0,222	FALSE
-0,044	0,301	-0,001	0,006	0,064	FALSE
-0,042	0,320	-0,001	0,010	0,036	FALSE
-0,078	0,296	-0,002	0,007	0,089	FALSE
-0,115	0,309	-0,004	0,009	0,160	FALSE
-0,076	0,311	-0,003	0,012	0,101	FALSE
-0,013	0,307	-0,001	0,007	0,036	FALSE
-0,018	0,308	0,000	0,007	0,023	FALSE
-0,019	0,296	-0,001	0,012	0,021	FALSE
-0,078	0,299	-0,003	0,012	0,109	FALSE
-0,110	0,291	-0,003	0,007	0,145	FALSE
0,060	0,309	0,003	0,012	0,077	FALSE
0,170	0,300	0,008	0,013	0,277	FALSE
0,057	0,317	0,002	0,008	0,072	FALSE
0,008	0,309	0,001	0,012	0,033	FALSE
-0,027	0,311	-0,002	0,012	0,050	FALSE
-0,129	0,307	-0,004	0,010	0,151	FALSE
-0,026	0,303	-0,001	0,010	0,028	FALSE
0,057	0,298	0,002	0,011	0,072	FALSE
-0,211	0,310	-0,006	0,009	0,317	FALSE
0,052	0,296	0,003	0,012	0,083	FALSE
-0,073	0,300	-0,003	0,012	0,084	FALSE
-0,028	0,313	0,000	0,012	0,004	FALSE
-0,051	0,300	-0,002	0,009	0,077	FALSE
0,014	0,311	0,000	0,009	0,010	FALSE

0,124	0,299	0,005	0,012	0,159	FALSE
-0,060	0,304	-0,002	0,010	0,069	FALSE
0,006	0,318	-0,001	0,009	0,026	FALSE
0,060	0,306	0,001	0,011	0,044	FALSE
0,075	0,301	0,002	0,011	0,079	FALSE
0,023	0,294	0,002	0,012	0,066	FALSE
0,051	0,299	0,003	0,011	0,122	FALSE
0,058	0,289	0,004	0,010	0,141	FALSE
-0,057	0,295	-0,003	0,012	0,089	FALSE
0,018	0,308	0,001	0,008	0,030	FALSE
-0,126	0,301	-0,006	0,012	0,213	FALSE
-0,071	0,306	-0,001	0,007	0,068	FALSE
-0,081	0,302	-0,003	0,012	0,107	FALSE
0,082	0,308	0,002	0,011	0,084	FALSE
0,112	0,309	0,004	0,012	0,128	FALSE
0,074	0,304	0,002	0,012	0,068	FALSE
-0,067	0,313	-0,001	0,008	0,059	FALSE
-0,093	0,306	-0,004	0,012	0,112	FALSE
-0,092	0,306	-0,002	0,007	0,111	FALSE
-0,130	0,301	-0,002	0,007	0,130	FALSE
-0,157	0,295	-0,005	0,009	0,246	FALSE
-0,132	0,309	-0,003	0,007	0,158	FALSE
0,008	0,293	0,000	0,012	0,014	FALSE
-0,099	0,305	-0,003	0,009	0,119	FALSE
-0,043	0,304	-0,001	0,010	0,032	FALSE
0,094	0,314	0,004	0,012	0,115	FALSE
0,021	0,307	0,001	0,009	0,024	FALSE
-0,006	0,321	-0,001	0,011	0,020	FALSE
0,049	0,315	0,002	0,013	0,059	FALSE
-0,021	0,309	0,000	0,006	0,002	FALSE
0,036	0,321	0,001	0,009	0,057	FALSE
0,024	0,309	0,000	0,008	0,006	FALSE
-0,039	0,279	-0,001	0,007	0,078	FALSE
0,063	0,302	0,001	0,008	0,067	FALSE
-0,042	0,305	-0,001	0,009	0,037	FALSE
0,037	0,309	0,001	0,007	0,069	FALSE
0,098	0,322	0,003	0,007	0,160	FALSE
0,057	0,314	0,001	0,007	0,068	FALSE
-0,141	0,307	-0,004	0,009	0,221	FALSE
-0,128	0,306	-0,005	0,012	0,157	FALSE
-0,086	0,303	-0,003	0,011	0,128	FALSE
0,077	0,323	0,001	0,007	0,075	FALSE
-0,098	0,314	-0,002	0,007	0,131	FALSE
-0,020	0,312	0,000	0,011	0,011	FALSE
-0,030	0,312	-0,001	0,007	0,044	FALSE
-0,048	0,299	-0,001	0,007	0,061	FALSE
0,069	0,311	0,003	0,011	0,088	FALSE
-0,052	0,301	-0,001	0,008	0,056	FALSE
0,122	0,299	0,004	0,009	0,191	FALSE
-0,034	0,316	-0,001	0,012	0,039	FALSE
-0,014	0,297	-0,001	0,009	0,042	FALSE
-0,110	0,313	-0,002	0,007	0,124	FALSE
0,033	0,289	0,002	0,008	0,092	FALSE

-0,133	0,308	-0,004	0,009	0,191	FALSE
0,146	0,303	0,005	0,011	0,195	FALSE
-0,056	0,317	-0,002	0,011	0,062	FALSE
0,037	0,305	0,001	0,008	0,069	FALSE
-0,084	0,298	-0,003	0,011	0,086	FALSE
-0,123	0,318	-0,005	0,013	0,170	FALSE
-0,175	0,303	-0,007	0,013	0,240	FALSE
0,026	0,321	0,001	0,009	0,056	FALSE
-0,086	0,305	-0,003	0,009	0,128	FALSE
0,127	0,306	0,004	0,011	0,151	FALSE
-0,012	0,304	0,000	0,006	0,014	FALSE
0,101	0,312	0,003	0,010	0,115	FALSE
-0,177	0,302	-0,004	0,007	0,223	FALSE
0,025	0,299	0,001	0,007	0,059	FALSE
-0,016	0,322	0,000	0,008	0,008	FALSE
0,004	0,312	0,001	0,009	0,023	FALSE
-0,073	0,309	-0,002	0,008	0,095	FALSE
0,054	0,304	0,002	0,008	0,082	FALSE
0,094	0,310	0,002	0,007	0,110	FALSE
0,078	0,296	0,003	0,009	0,112	FALSE
-0,055	0,309	-0,002	0,007	0,078	FALSE
0,051	0,308	0,002	0,008	0,076	FALSE
-0,139	0,304	-0,005	0,011	0,208	FALSE
-0,079	0,308	-0,003	0,010	0,121	FALSE
-0,032	0,316	-0,001	0,010	0,030	FALSE
-0,008	0,305	0,000	0,008	0,003	FALSE
-0,036	0,301	-0,001	0,010	0,035	FALSE
-0,007	0,302	-0,001	0,012	0,024	FALSE
-0,076	0,302	-0,003	0,010	0,117	FALSE
-0,017	0,307	-0,001	0,012	0,020	FALSE
-0,063	0,314	-0,002	0,010	0,088	FALSE
-0,125	0,300	-0,003	0,008	0,156	FALSE
-0,133	0,304	-0,004	0,009	0,171	FALSE
-0,126	0,286	-0,003	0,008	0,171	FALSE
-0,154	0,301	-0,004	0,008	0,190	FALSE
0,139	0,309	0,004	0,008	0,192	FALSE
0,117	0,305	0,004	0,010	0,171	FALSE
0,007	0,315	0,000	0,007	0,012	FALSE
-0,094	0,320	-0,002	0,007	0,083	FALSE
0,031	0,310	0,002	0,012	0,050	FALSE
0,073	0,284	0,004	0,012	0,124	FALSE
0,127	0,311	0,003	0,009	0,152	FALSE
0,027	0,312	0,000	0,007	0,004	FALSE
-0,047	0,305	-0,001	0,010	0,040	FALSE
-0,065	0,314	-0,001	0,010	0,050	FALSE
-0,012	0,291	0,001	0,010	0,045	FALSE
-0,017	0,297	0,000	0,008	0,019	FALSE
-0,007	0,324	-0,001	0,013	0,034	FALSE
-0,068	0,320	-0,002	0,010	0,072	FALSE
0,021	0,306	0,001	0,007	0,042	FALSE
-0,020	0,317	0,000	0,007	0,023	FALSE
-0,020	0,319	-0,001	0,012	0,025	FALSE
-0,078	0,301	-0,003	0,012	0,112	FALSE

-0,110	0,296	-0,003	0,011	0,129	FALSE
-0,015	0,305	0,000	0,012	0,001	FALSE
0,052	0,299	0,001	0,006	0,041	FALSE
-0,003	0,299	0,000	0,008	0,001	FALSE
0,061	0,310	0,002	0,009	0,065	FALSE
0,107	0,295	0,004	0,008	0,202	FALSE
-0,139	0,300	-0,006	0,011	0,238	FALSE
-0,039	0,315	-0,001	0,012	0,038	FALSE
-0,029	0,304	-0,001	0,010	0,023	FALSE
-0,155	0,302	-0,003	0,006	0,187	FALSE
0,042	0,317	0,001	0,010	0,042	FALSE
-0,078	0,303	-0,003	0,011	0,125	FALSE
-0,100	0,300	-0,004	0,010	0,173	FALSE
-0,069	0,296	-0,002	0,007	0,088	FALSE
-0,069	0,318	-0,001	0,006	0,068	FALSE
-0,025	0,302	-0,002	0,012	0,055	FALSE
0,107	0,298	0,004	0,011	0,164	FALSE
0,146	0,291	0,006	0,011	0,266	FALSE
0,013	0,303	0,000	0,007	0,024	FALSE
0,037	0,319	0,001	0,006	0,035	FALSE
0,074	0,316	0,002	0,008	0,083	FALSE
0,008	0,310	0,000	0,011	0,004	FALSE
-0,128	0,310	-0,006	0,012	0,199	FALSE
0,067	0,315	0,001	0,007	0,046	FALSE
-0,226	0,304	-0,004	0,006	0,304	FALSE
-0,078	0,291	-0,002	0,006	0,112	FALSE
-0,071	0,311	-0,003	0,013	0,094	FALSE
0,077	0,300	0,004	0,012	0,116	FALSE
0,091	0,302	0,003	0,011	0,108	FALSE
-0,063	0,307	-0,002	0,011	0,069	FALSE
-0,021	0,303	0,000	0,008	0,018	FALSE
-0,099	0,303	-0,003	0,008	0,134	FALSE
0,003	0,302	-0,002	0,011	0,049	FALSE
0,052	0,321	0,002	0,012	0,070	FALSE
-0,068	0,306	-0,001	0,007	0,065	FALSE
-0,114	0,300	-0,005	0,011	0,175	FALSE
-0,107	0,310	-0,003	0,009	0,141	FALSE
-0,027	0,318	-0,001	0,011	0,036	FALSE
-0,108	0,292	-0,003	0,007	0,192	FALSE
-0,020	0,308	-0,001	0,007	0,062	FALSE
0,038	0,302	0,000	0,006	0,026	FALSE
0,114	0,300	0,004	0,011	0,149	FALSE
-0,050	0,298	-0,001	0,009	0,033	FALSE
-0,069	0,307	-0,002	0,009	0,083	FALSE
-0,059	0,297	-0,002	0,012	0,062	FALSE
0,161	0,294	0,004	0,007	0,278	FALSE
0,018	0,302	0,002	0,010	0,060	FALSE
0,005	0,315	0,000	0,008	0,016	FALSE
0,021	0,310	0,000	0,006	0,018	FALSE
-0,020	0,310	0,000	0,012	0,005	FALSE
-0,057	0,308	-0,003	0,011	0,103	FALSE
-0,005	0,305	-0,001	0,011	0,026	FALSE
-0,057	0,306	-0,001	0,007	0,065	FALSE

0,046	0,305	0,001	0,010	0,022	FALSE
0,046	0,305	0,002	0,007	0,099	FALSE
-0,105	0,299	-0,002	0,010	0,095	FALSE
0,092	0,304	0,002	0,009	0,107	FALSE
0,112	0,302	0,005	0,012	0,172	FALSE
-0,018	0,301	-0,001	0,007	0,032	FALSE
-0,097	0,309	-0,003	0,007	0,151	FALSE
-0,007	0,288	0,000	0,007	0,013	FALSE
-0,011	0,318	-0,001	0,008	0,025	FALSE
0,029	0,314	0,001	0,012	0,040	FALSE
-0,020	0,302	0,000	0,008	0,016	FALSE
0,007	0,304	-0,001	0,011	0,023	FALSE
-0,064	0,316	-0,002	0,007	0,090	FALSE
-0,062	0,314	-0,002	0,012	0,063	FALSE
0,035	0,324	0,000	0,007	0,005	FALSE
-0,025	0,316	-0,001	0,009	0,050	FALSE
0,032	0,298	0,001	0,008	0,036	FALSE
0,149	0,305	0,003	0,007	0,197	FALSE
0,149	0,315	0,004	0,007	0,201	FALSE
0,082	0,301	0,003	0,009	0,134	FALSE
-0,009	0,318	0,000	0,009	0,012	FALSE
0,002	0,316	-0,001	0,010	0,019	FALSE
0,016	0,304	0,000	0,011	0,006	FALSE
-0,008	0,308	0,000	0,011	0,009	FALSE
0,010	0,312	0,002	0,013	0,054	FALSE
0,032	0,305	0,000	0,013	0,004	FALSE
0,017	0,313	0,000	0,008	0,013	FALSE
0,014	0,305	0,000	0,012	0,001	FALSE
0,002	0,312	-0,001	0,012	0,018	FALSE
-0,117	0,304	-0,004	0,011	0,145	FALSE
-0,105	0,318	-0,005	0,011	0,173	FALSE
-0,091	0,301	-0,003	0,010	0,132	FALSE
-0,104	0,310	-0,003	0,009	0,120	FALSE
0,009	0,296	0,001	0,012	0,029	FALSE
-0,123	0,302	-0,004	0,009	0,198	FALSE
-0,169	0,307	-0,006	0,013	0,183	FALSE
0,002	0,309	0,000	0,009	0,008	FALSE
-0,074	0,307	-0,002	0,008	0,124	FALSE
-0,032	0,303	-0,002	0,009	0,080	FALSE
-0,163	0,293	-0,004	0,007	0,213	FALSE
-0,176	0,302	-0,004	0,008	0,256	FALSE
-0,023	0,318	-0,001	0,013	0,023	FALSE
-0,035	0,324	-0,001	0,013	0,041	FALSE
-0,022	0,302	-0,001	0,010	0,024	FALSE
-0,071	0,311	-0,003	0,009	0,115	FALSE
-0,010	0,304	-0,001	0,010	0,025	FALSE
-0,083	0,313	-0,003	0,011	0,109	FALSE
0,112	0,296	0,003	0,008	0,134	FALSE
0,034	0,301	0,001	0,012	0,021	FALSE
-0,142	0,286	-0,004	0,011	0,157	FALSE
-0,025	0,317	0,000	0,009	0,004	FALSE
0,079	0,307	0,001	0,007	0,057	FALSE
-0,025	0,314	0,000	0,010	0,016	FALSE

-0,085	0,313	-0,002	0,008	0,091	FALSE
0,003	0,301	0,001	0,011	0,044	FALSE
-0,114	0,301	-0,003	0,009	0,141	FALSE
-0,016	0,305	0,000	0,007	0,011	FALSE
0,052	0,309	0,001	0,006	0,053	FALSE
-0,009	0,309	0,000	0,007	0,019	FALSE
-0,045	0,305	-0,001	0,008	0,066	FALSE
-0,007	0,306	0,000	0,009	0,014	FALSE
-0,075	0,316	-0,003	0,010	0,107	FALSE
-0,073	0,310	-0,003	0,010	0,094	FALSE
-0,138	0,308	-0,005	0,011	0,195	FALSE
-0,026	0,302	-0,001	0,009	0,038	FALSE
0,040	0,312	0,001	0,007	0,065	FALSE
-0,001	0,302	0,000	0,006	0,007	FALSE
0,052	0,309	0,002	0,008	0,071	FALSE
0,093	0,305	0,004	0,012	0,113	FALSE
-0,151	0,297	-0,006	0,012	0,203	FALSE
-0,022	0,308	-0,001	0,009	0,021	FALSE
0,072	0,302	0,003	0,012	0,097	FALSE
0,127	0,306	0,005	0,012	0,174	FALSE
0,097	0,313	0,004	0,012	0,128	FALSE
0,112	0,301	0,004	0,011	0,152	FALSE
0,087	0,307	0,003	0,011	0,105	FALSE
0,078	0,307	0,003	0,012	0,102	FALSE
0,028	0,330	0,002	0,013	0,041	FALSE
0,018	0,312	0,000	0,010	0,012	FALSE
-0,006	0,303	0,000	0,007	0,005	FALSE
-0,086	0,297	-0,005	0,012	0,189	FALSE
0,073	0,310	0,002	0,011	0,088	FALSE
0,052	0,312	0,001	0,009	0,034	FALSE
0,016	0,307	0,001	0,010	0,030	FALSE
-0,010	0,292	0,000	0,009	0,003	FALSE
0,046	0,304	0,001	0,007	0,071	FALSE
-0,007	0,311	-0,001	0,012	0,018	FALSE
0,051	0,305	0,002	0,007	0,087	FALSE
-0,015	0,317	0,000	0,012	0,005	FALSE
0,011	0,318	0,000	0,013	0,007	FALSE
0,021	0,311	0,001	0,010	0,018	FALSE
0,052	0,321	0,003	0,011	0,083	FALSE
0,167	0,281	0,005	0,009	0,228	FALSE
0,123	0,305	0,004	0,009	0,164	FALSE
-0,025	0,320	-0,001	0,010	0,044	FALSE
-0,043	0,300	-0,002	0,011	0,072	FALSE
0,020	0,310	0,001	0,011	0,028	FALSE
0,166	0,281	0,007	0,009	0,326	FALSE
0,140	0,282	0,006	0,009	0,280	FALSE
0,122	0,315	0,003	0,007	0,162	FALSE
-0,138	0,311	-0,004	0,009	0,194	FALSE
-0,003	0,305	0,000	0,006	0,022	FALSE
-0,080	0,299	-0,002	0,006	0,121	FALSE
-0,127	0,319	-0,003	0,007	0,185	FALSE
0,009	0,297	0,000	0,013	0,011	FALSE
0,004	0,312	0,000	0,007	0,012	FALSE

-0,048	0,324	-0,001	0,008	0,055	FALSE
0,029	0,318	0,001	0,007	0,039	FALSE
0,001	0,306	0,000	0,007	0,000	FALSE
0,092	0,308	0,003	0,013	0,091	FALSE
0,132	0,293	0,005	0,009	0,207	FALSE
-0,081	0,306	-0,002	0,007	0,126	FALSE
-0,086	0,313	-0,003	0,012	0,103	FALSE
-0,007	0,299	0,000	0,011	0,010	FALSE
0,006	0,305	0,000	0,007	0,025	FALSE
-0,048	0,310	-0,001	0,006	0,050	FALSE
0,019	0,309	0,000	0,012	0,010	FALSE
0,123	0,303	0,003	0,006	0,163	FALSE
0,108	0,297	0,003	0,009	0,121	FALSE
-0,016	0,301	0,000	0,007	0,013	FALSE
-0,067	0,305	-0,004	0,012	0,120	FALSE
0,038	0,315	0,001	0,012	0,039	FALSE
-0,126	0,308	-0,005	0,010	0,203	FALSE
-0,090	0,304	-0,002	0,010	0,098	FALSE
-0,082	0,312	-0,004	0,012	0,115	FALSE
0,079	0,313	0,002	0,010	0,093	FALSE
0,013	0,314	0,001	0,012	0,038	FALSE
-0,119	0,316	-0,003	0,009	0,148	FALSE
0,135	0,311	0,005	0,011	0,172	FALSE
0,094	0,308	0,004	0,012	0,134	FALSE
0,111	0,310	0,003	0,011	0,102	FALSE
-0,131	0,306	-0,004	0,010	0,149	FALSE
-0,111	0,302	-0,004	0,012	0,129	FALSE
-0,131	0,279	-0,004	0,010	0,165	FALSE
-0,006	0,301	-0,001	0,008	0,030	FALSE
0,100	0,291	0,004	0,010	0,148	FALSE
-0,007	0,296	0,000	0,008	0,000	FALSE
-0,006	0,304	0,000	0,007	0,015	FALSE
0,030	0,309	0,001	0,006	0,034	FALSE
-0,019	0,318	0,000	0,007	0,009	FALSE
-0,089	0,307	-0,002	0,006	0,145	FALSE
0,190	0,299	0,007	0,010	0,292	FALSE
-0,067	0,306	-0,002	0,007	0,102	FALSE
-0,125	0,304	-0,003	0,008	0,152	FALSE
-0,108	0,319	-0,003	0,009	0,108	FALSE
-0,054	0,300	-0,001	0,006	0,058	FALSE
0,047	0,326	0,000	0,009	0,011	FALSE
0,021	0,303	0,001	0,012	0,042	FALSE
-0,026	0,300	-0,001	0,007	0,033	FALSE
0,061	0,314	0,002	0,009	0,094	FALSE
-0,079	0,307	-0,002	0,007	0,090	FALSE
-0,014	0,311	0,000	0,007	0,006	FALSE
0,124	0,301	0,003	0,008	0,155	FALSE
-0,104	0,303	-0,004	0,013	0,123	FALSE
0,124	0,301	0,006	0,012	0,192	FALSE
0,083	0,294	0,004	0,012	0,124	FALSE
-0,032	0,309	-0,001	0,006	0,057	FALSE
0,026	0,316	0,001	0,011	0,024	FALSE
-0,070	0,289	-0,003	0,013	0,079	FALSE

-0,063	0,298	-0,002	0,012	0,068	FALSE
-0,053	0,314	-0,001	0,009	0,050	FALSE
0,001	0,312	0,000	0,010	0,003	FALSE
0,164	0,295	0,006	0,009	0,301	FALSE
-0,108	0,299	-0,003	0,008	0,138	FALSE
0,004	0,321	0,000	0,007	0,013	FALSE
-0,055	0,311	-0,002	0,010	0,061	FALSE
0,121	0,313	0,003	0,009	0,150	FALSE
-0,061	0,300	-0,001	0,007	0,054	FALSE
-0,001	0,313	0,000	0,009	0,007	FALSE
-0,118	0,304	-0,003	0,008	0,159	FALSE
0,103	0,300	0,004	0,012	0,120	FALSE
-0,100	0,308	-0,003	0,009	0,115	FALSE
0,041	0,305	0,001	0,008	0,027	FALSE
-0,099	0,304	-0,002	0,006	0,152	FALSE
0,021	0,305	0,000	0,009	0,007	FALSE
-0,045	0,309	-0,002	0,012	0,067	FALSE
-0,059	0,299	-0,001	0,008	0,056	FALSE
-0,071	0,317	-0,001	0,006	0,076	FALSE
0,013	0,296	0,001	0,012	0,045	FALSE
0,033	0,304	0,001	0,010	0,047	FALSE
0,131	0,296	0,004	0,009	0,218	FALSE
0,049	0,307	0,002	0,010	0,075	FALSE
-0,170	0,312	-0,003	0,007	0,220	FALSE
-0,030	0,302	-0,001	0,009	0,041	FALSE
0,169	0,293	0,005	0,009	0,236	FALSE
-0,037	0,325	-0,001	0,013	0,036	FALSE
-0,093	0,304	-0,003	0,011	0,093	FALSE
0,097	0,298	0,002	0,008	0,094	FALSE
-0,118	0,294	-0,003	0,009	0,129	FALSE
0,142	0,294	0,004	0,008	0,196	FALSE
0,029	0,310	0,000	0,010	0,013	FALSE
-0,088	0,310	-0,003	0,008	0,120	FALSE
0,061	0,303	0,003	0,010	0,095	FALSE
-0,041	0,312	-0,001	0,008	0,033	FALSE
-0,008	0,307	0,000	0,006	0,007	FALSE
0,008	0,306	0,000	0,008	0,014	FALSE
0,069	0,309	0,002	0,008	0,087	FALSE
-0,051	0,307	-0,001	0,011	0,041	FALSE
-0,087	0,300	-0,002	0,006	0,118	FALSE
-0,003	0,298	0,000	0,012	0,010	FALSE
0,019	0,307	0,001	0,008	0,031	FALSE
0,040	0,314	0,001	0,007	0,069	FALSE
0,081	0,309	0,003	0,010	0,113	FALSE
-0,038	0,306	-0,002	0,010	0,068	FALSE
0,080	0,312	0,002	0,010	0,092	FALSE
-0,001	0,305	0,000	0,006	0,007	FALSE
-0,029	0,303	0,000	0,007	0,022	FALSE
0,063	0,301	0,002	0,010	0,092	FALSE
-0,029	0,295	0,000	0,011	0,011	FALSE
0,001	0,299	0,000	0,006	0,027	FALSE
-0,009	0,300	0,000	0,007	0,020	FALSE
-0,080	0,305	-0,002	0,009	0,100	FALSE

-0,026	0,318	-0,001	0,008	0,034	FALSE
-0,028	0,307	-0,001	0,007	0,032	FALSE
0,074	0,311	0,004	0,010	0,153	FALSE
0,102	0,298	0,004	0,008	0,179	FALSE
0,061	0,290	0,002	0,006	0,123	FALSE
-0,031	0,314	-0,001	0,012	0,017	FALSE
-0,049	0,309	-0,002	0,010	0,059	FALSE
-0,006	0,318	0,000	0,013	0,010	FALSE
-0,060	0,303	-0,002	0,012	0,053	FALSE
0,076	0,296	0,001	0,007	0,070	FALSE
0,092	0,300	0,002	0,008	0,102	FALSE
0,096	0,296	0,002	0,007	0,115	FALSE
-0,095	0,332	-0,002	0,007	0,135	FALSE
-0,093	0,304	-0,003	0,012	0,084	FALSE
-0,095	0,302	-0,005	0,012	0,173	FALSE
-0,108	0,300	-0,005	0,011	0,207	FALSE
-0,094	0,313	-0,005	0,013	0,147	FALSE
-0,046	0,306	-0,004	0,013	0,107	FALSE
-0,013	0,311	0,000	0,007	0,015	FALSE
0,072	0,311	0,002	0,007	0,094	FALSE
-0,021	0,315	-0,001	0,012	0,033	FALSE
-0,068	0,309	-0,003	0,012	0,097	FALSE
-0,026	0,305	-0,001	0,006	0,032	FALSE
0,060	0,310	0,003	0,012	0,086	FALSE
0,026	0,302	0,000	0,007	0,019	FALSE
0,024	0,286	0,001	0,008	0,034	FALSE
0,026	0,310	0,001	0,012	0,022	FALSE
-0,026	0,304	-0,001	0,012	0,040	FALSE
0,029	0,305	0,001	0,012	0,022	FALSE
0,022	0,316	0,000	0,009	0,009	FALSE
-0,004	0,305	0,000	0,007	0,003	FALSE
-0,039	0,305	-0,001	0,008	0,031	FALSE
-0,007	0,308	0,000	0,006	0,024	FALSE
-0,041	0,305	-0,001	0,007	0,060	FALSE
0,153	0,303	0,004	0,007	0,247	FALSE
0,029	0,307	0,001	0,007	0,050	FALSE
-0,078	0,307	-0,002	0,006	0,097	FALSE
0,221	0,285	0,009	0,011	0,359	FALSE
0,181	0,297	0,004	0,007	0,266	FALSE
0,129	0,310	0,005	0,013	0,162	FALSE
-0,004	0,316	-0,001	0,013	0,018	FALSE
0,147	0,294	0,005	0,011	0,185	FALSE
-0,040	0,321	-0,001	0,009	0,056	FALSE
0,101	0,304	0,003	0,009	0,138	FALSE
-0,015	0,303	0,000	0,009	0,002	FALSE
-0,110	0,304	-0,004	0,011	0,157	FALSE
-0,051	0,305	-0,002	0,009	0,080	FALSE
-0,083	0,297	-0,003	0,013	0,097	FALSE
-0,135	0,301	-0,003	0,007	0,170	FALSE
0,186	0,296	0,006	0,010	0,274	FALSE
0,036	0,309	0,001	0,013	0,034	FALSE
-0,068	0,312	-0,003	0,013	0,100	FALSE
0,108	0,292	0,004	0,008	0,177	FALSE

0,027	0,298	0,001	0,006	0,045	FALSE
0,055	0,313	0,002	0,010	0,070	FALSE
0,006	0,315	0,000	0,010	0,013	FALSE
0,072	0,306	0,002	0,009	0,090	FALSE
-0,014	0,324	-0,001	0,013	0,018	FALSE
-0,053	0,314	-0,002	0,013	0,065	FALSE
0,127	0,305	0,005	0,012	0,170	FALSE
0,002	0,309	0,000	0,009	0,001	FALSE
-0,055	0,308	-0,002	0,010	0,093	FALSE
-0,037	0,305	0,000	0,012	0,007	FALSE
0,246	0,286	0,006	0,008	0,401	FALSE
0,225	0,292	0,006	0,008	0,362	FALSE
-0,164	0,302	-0,003	0,007	0,201	FALSE
-0,057	0,310	-0,003	0,011	0,100	FALSE
0,020	0,312	0,000	0,012	0,006	FALSE
0,022	0,299	0,001	0,008	0,053	FALSE
0,025	0,302	0,003	0,012	0,085	FALSE
0,120	0,310	0,004	0,009	0,181	FALSE
0,041	0,295	0,001	0,012	0,021	FALSE
-0,020	0,303	-0,001	0,009	0,039	FALSE
-0,090	0,294	-0,003	0,009	0,122	FALSE
-0,068	0,309	-0,002	0,010	0,093	FALSE
0,103	0,306	0,002	0,007	0,139	FALSE
0,081	0,306	0,003	0,009	0,109	FALSE
0,006	0,299	0,001	0,009	0,054	FALSE
-0,007	0,296	-0,001	0,008	0,026	FALSE
0,021	0,309	0,002	0,013	0,049	FALSE
-0,056	0,308	-0,001	0,007	0,060	FALSE
-0,025	0,308	0,000	0,012	0,003	FALSE
-0,018	0,310	0,000	0,012	0,007	FALSE
-0,041	0,308	-0,002	0,008	0,079	FALSE
-0,036	0,305	-0,001	0,008	0,034	FALSE
-0,066	0,305	-0,002	0,013	0,062	FALSE
0,079	0,312	0,002	0,012	0,074	FALSE
0,060	0,309	0,002	0,008	0,112	FALSE
0,055	0,299	0,002	0,007	0,131	FALSE
0,047	0,299	0,002	0,007	0,110	FALSE
0,022	0,314	0,001	0,011	0,017	FALSE
-0,079	0,301	-0,003	0,011	0,115	FALSE
0,195	0,305	0,004	0,007	0,238	FALSE
0,106	0,299	0,002	0,007	0,131	FALSE
0,068	0,307	0,002	0,007	0,099	FALSE
0,031	0,313	0,002	0,012	0,055	FALSE
-0,045	0,310	-0,001	0,011	0,047	FALSE
0,091	0,298	0,002	0,007	0,109	FALSE
0,061	0,304	0,002	0,010	0,066	FALSE
0,037	0,297	0,001	0,012	0,034	FALSE
-0,042	0,315	-0,002	0,008	0,076	FALSE
0,090	0,318	0,002	0,009	0,106	FALSE
0,030	0,317	0,000	0,008	0,010	FALSE
0,043	0,312	0,001	0,012	0,038	FALSE
-0,036	0,312	-0,001	0,010	0,034	FALSE
-0,087	0,312	-0,002	0,007	0,120	FALSE

-0,050	0,298	-0,001	0,009	0,038	FALSE
0,027	0,300	0,002	0,012	0,068	FALSE
-0,100	0,305	-0,003	0,010	0,126	FALSE
0,125	0,305	0,006	0,013	0,183	FALSE
-0,026	0,317	-0,001	0,013	0,037	FALSE
0,077	0,311	0,002	0,007	0,078	FALSE
-0,081	0,323	-0,003	0,012	0,078	FALSE
0,006	0,319	-0,001	0,012	0,015	FALSE
0,004	0,310	0,000	0,009	0,010	FALSE
-0,011	0,307	0,000	0,007	0,022	FALSE
0,052	0,322	0,001	0,009	0,064	FALSE
0,074	0,311	0,003	0,011	0,104	FALSE
-0,139	0,306	-0,003	0,007	0,180	FALSE
0,009	0,318	-0,001	0,009	0,021	FALSE
-0,100	0,312	-0,002	0,006	0,114	FALSE
0,023	0,313	0,002	0,012	0,049	FALSE
-0,040	0,313	-0,002	0,012	0,075	FALSE
-0,001	0,309	-0,001	0,013	0,027	FALSE
-0,086	0,303	-0,002	0,010	0,078	FALSE
0,057	0,315	0,002	0,013	0,067	FALSE
0,011	0,303	0,001	0,012	0,024	FALSE
-0,001	0,304	0,000	0,011	0,002	FALSE
-0,042	0,328	-0,001	0,008	0,047	FALSE
0,003	0,324	0,000	0,008	0,011	FALSE
0,023	0,311	0,001	0,012	0,023	FALSE
0,037	0,303	0,001	0,010	0,022	FALSE
0,036	0,313	0,000	0,007	0,011	FALSE
-0,035	0,315	-0,001	0,006	0,072	FALSE
-0,010	0,313	-0,001	0,007	0,032	FALSE
-0,010	0,292	-0,001	0,011	0,038	FALSE
0,024	0,310	0,002	0,013	0,050	FALSE
-0,055	0,309	-0,002	0,008	0,092	FALSE
-0,033	0,325	-0,002	0,012	0,054	FALSE
0,082	0,296	0,003	0,008	0,133	FALSE
0,072	0,301	0,002	0,006	0,123	FALSE
0,043	0,307	0,001	0,006	0,074	FALSE
-0,071	0,293	-0,001	0,007	0,082	FALSE
-0,011	0,315	-0,001	0,011	0,033	FALSE
-0,061	0,309	-0,002	0,006	0,090	FALSE
0,084	0,302	0,004	0,011	0,136	FALSE
0,021	0,302	0,000	0,007	0,020	FALSE
-0,068	0,301	-0,003	0,012	0,094	FALSE
-0,140	0,324	-0,003	0,007	0,211	FALSE
0,112	0,297	0,003	0,006	0,189	FALSE
-0,026	0,314	-0,001	0,009	0,022	FALSE
0,077	0,307	0,003	0,011	0,113	FALSE
0,111	0,307	0,004	0,009	0,186	FALSE
-0,077	0,312	-0,002	0,008	0,092	FALSE
-0,054	0,285	-0,002	0,009	0,087	FALSE
-0,108	0,307	-0,003	0,009	0,116	FALSE
-0,025	0,305	-0,001	0,009	0,050	FALSE
0,064	0,295	0,002	0,008	0,104	FALSE
0,062	0,320	0,002	0,012	0,072	FALSE

0,031	0,334	0,001	0,010	0,022	FALSE
-0,069	0,298	-0,003	0,012	0,094	FALSE
-0,037	0,304	-0,001	0,007	0,053	FALSE
0,134	0,308	0,004	0,009	0,175	FALSE
-0,142	0,287	-0,004	0,009	0,205	FALSE
-0,043	0,309	-0,001	0,013	0,039	FALSE
0,031	0,295	0,001	0,009	0,032	FALSE
-0,043	0,308	-0,001	0,007	0,052	FALSE
-0,055	0,314	-0,001	0,008	0,066	FALSE
-0,045	0,307	-0,001	0,007	0,034	FALSE
0,089	0,297	0,003	0,008	0,138	FALSE
0,007	0,311	0,000	0,011	0,009	FALSE
0,010	0,309	0,001	0,011	0,041	FALSE
-0,046	0,306	-0,002	0,012	0,073	FALSE
0,020	0,317	0,001	0,011	0,048	FALSE
0,067	0,303	0,002	0,012	0,054	FALSE
0,071	0,296	0,003	0,010	0,117	FALSE
0,099	0,302	0,003	0,011	0,116	FALSE
-0,093	0,309	-0,003	0,010	0,131	FALSE
0,061	0,313	0,002	0,010	0,078	FALSE
0,002	0,305	0,000	0,007	0,004	FALSE
0,028	0,310	0,000	0,008	0,007	FALSE
0,063	0,318	0,001	0,009	0,055	FALSE
-0,068	0,312	-0,002	0,009	0,098	FALSE
-0,066	0,304	-0,002	0,007	0,102	FALSE
-0,065	0,305	-0,001	0,006	0,089	FALSE
0,055	0,314	0,002	0,010	0,073	FALSE
0,034	0,299	0,001	0,012	0,019	FALSE
0,015	0,301	0,000	0,009	0,020	FALSE
0,032	0,308	0,001	0,012	0,044	FALSE
-0,190	0,291	-0,006	0,010	0,241	FALSE
0,057	0,315	0,001	0,007	0,037	FALSE
-0,124	0,300	-0,003	0,009	0,137	FALSE
0,129	0,294	0,003	0,008	0,164	FALSE
-0,007	0,298	0,000	0,007	0,016	FALSE
-0,135	0,302	-0,003	0,010	0,141	FALSE
0,126	0,310	0,002	0,007	0,141	FALSE
-0,049	0,326	-0,001	0,010	0,047	FALSE
0,060	0,310	0,002	0,007	0,108	FALSE
-0,135	0,316	-0,005	0,012	0,171	FALSE
-0,071	0,310	-0,003	0,011	0,095	FALSE
-0,095	0,300	-0,003	0,010	0,117	FALSE
0,113	0,301	0,002	0,007	0,138	FALSE
0,076	0,317	0,002	0,008	0,112	FALSE
0,052	0,322	0,001	0,008	0,046	FALSE
0,000	0,308	0,000	0,011	0,001	FALSE
0,179	0,293	0,005	0,008	0,283	FALSE
-0,031	0,305	0,000	0,007	0,010	FALSE
-0,053	0,300	-0,001	0,007	0,032	FALSE
-0,004	0,316	0,000	0,006	0,003	FALSE
-0,060	0,318	-0,001	0,010	0,051	FALSE
0,000	0,297	-0,001	0,011	0,033	FALSE
0,021	0,301	0,000	0,008	0,019	FALSE

0,022	0,302	0,000	0,012	0,005	FALSE
0,018	0,314	0,000	0,013	0,009	FALSE
0,009	0,283	-0,001	0,011	0,016	FALSE
-0,046	0,315	-0,002	0,011	0,053	FALSE
-0,072	0,296	-0,002	0,009	0,080	FALSE
-0,067	0,291	-0,001	0,009	0,035	FALSE
-0,091	0,308	-0,002	0,007	0,113	FALSE
0,026	0,324	0,002	0,013	0,051	FALSE
0,055	0,319	0,001	0,006	0,080	FALSE
0,018	0,312	0,000	0,012	0,011	FALSE
0,012	0,309	0,001	0,012	0,026	FALSE
0,052	0,300	0,002	0,008	0,087	FALSE
0,104	0,308	0,003	0,011	0,100	FALSE
0,087	0,292	0,003	0,011	0,087	FALSE
0,104	0,304	0,003	0,012	0,103	FALSE
0,125	0,309	0,003	0,008	0,144	FALSE
-0,138	0,306	-0,004	0,008	0,193	FALSE
0,093	0,308	0,003	0,009	0,144	FALSE
-0,142	0,307	-0,004	0,008	0,192	FALSE
0,065	0,305	0,002	0,009	0,076	FALSE
0,039	0,300	0,002	0,011	0,071	FALSE
-0,142	0,309	-0,007	0,013	0,229	FALSE
-0,004	0,300	-0,001	0,011	0,017	FALSE
-0,009	0,324	0,000	0,011	0,003	FALSE
-0,104	0,295	-0,004	0,010	0,160	FALSE
-0,010	0,296	0,001	0,008	0,025	FALSE
0,062	0,311	0,002	0,007	0,077	FALSE
-0,081	0,297	-0,003	0,011	0,114	FALSE
0,145	0,291	0,005	0,009	0,212	FALSE
0,108	0,307	0,003	0,008	0,142	FALSE
0,069	0,314	0,003	0,009	0,107	FALSE
-0,074	0,309	-0,003	0,009	0,122	FALSE
0,020	0,299	0,000	0,007	0,026	FALSE
-0,002	0,314	0,000	0,007	0,008	FALSE
0,060	0,302	0,001	0,006	0,085	FALSE
0,038	0,313	0,000	0,008	0,021	FALSE
-0,096	0,316	-0,003	0,010	0,134	FALSE
-0,054	0,301	-0,002	0,009	0,089	FALSE
-0,081	0,301	-0,002	0,007	0,104	FALSE
0,204	0,301	0,005	0,006	0,330	FALSE
0,040	0,320	0,001	0,009	0,032	FALSE
-0,008	0,313	-0,001	0,011	0,027	FALSE
0,184	0,292	0,004	0,006	0,268	FALSE
-0,209	0,306	-0,009	0,012	0,374	FALSE
0,155	0,299	0,007	0,013	0,237	FALSE
0,147	0,319	0,007	0,013	0,216	FALSE
0,076	0,318	0,003	0,009	0,107	FALSE
-0,017	0,304	0,000	0,010	0,012	FALSE
0,139	0,310	0,004	0,012	0,138	FALSE
-0,021	0,310	-0,001	0,009	0,046	FALSE
0,041	0,295	0,003	0,011	0,099	FALSE
0,044	0,310	0,001	0,007	0,072	FALSE
-0,110	0,316	-0,003	0,009	0,150	FALSE

0,027	0,312	0,002	0,010	0,071	FALSE
-0,117	0,316	-0,003	0,009	0,143	FALSE
0,086	0,310	0,004	0,012	0,121	FALSE
0,049	0,296	0,000	0,010	0,015	FALSE
-0,016	0,305	-0,001	0,012	0,016	FALSE
-0,003	0,312	-0,001	0,012	0,015	FALSE
0,000	0,306	0,000	0,010	0,014	FALSE
-0,065	0,315	-0,001	0,007	0,070	FALSE
0,170	0,290	0,007	0,010	0,276	FALSE
-0,114	0,307	-0,005	0,013	0,163	FALSE
-0,036	0,306	-0,002	0,012	0,069	FALSE
0,004	0,305	0,001	0,013	0,036	FALSE
0,111	0,307	0,003	0,009	0,136	FALSE
0,007	0,314	0,000	0,006	0,003	FALSE
0,046	0,325	0,001	0,013	0,028	FALSE
0,061	0,311	0,002	0,011	0,088	FALSE
0,068	0,304	0,002	0,010	0,084	FALSE
-0,056	0,298	-0,001	0,007	0,070	FALSE
0,058	0,310	0,002	0,009	0,071	FALSE
0,048	0,306	0,002	0,011	0,065	FALSE
-0,114	0,298	-0,002	0,007	0,119	FALSE
-0,090	0,303	-0,004	0,011	0,127	FALSE
-0,043	0,320	-0,001	0,008	0,043	FALSE
-0,146	0,303	-0,003	0,007	0,181	FALSE
-0,092	0,308	-0,003	0,009	0,138	FALSE
-0,027	0,302	-0,001	0,009	0,040	FALSE
-0,002	0,315	0,000	0,007	0,022	FALSE
-0,113	0,300	-0,002	0,006	0,133	FALSE
0,109	0,297	0,004	0,010	0,163	FALSE
0,040	0,310	0,001	0,008	0,070	FALSE
0,186	0,287	0,006	0,009	0,290	FALSE
0,083	0,304	0,003	0,008	0,150	FALSE
-0,041	0,310	-0,001	0,011	0,039	FALSE
-0,046	0,297	-0,002	0,010	0,073	FALSE
0,051	0,296	0,003	0,012	0,097	FALSE
-0,047	0,308	-0,002	0,008	0,085	FALSE
0,004	0,318	0,000	0,012	0,001	FALSE
-0,068	0,317	-0,002	0,012	0,073	FALSE
-0,044	0,314	-0,001	0,012	0,032	FALSE
-0,049	0,296	-0,001	0,008	0,055	FALSE
-0,003	0,310	0,000	0,006	0,013	FALSE
0,050	0,304	0,001	0,010	0,048	FALSE
0,187	0,305	0,008	0,012	0,299	FALSE
-0,031	0,309	-0,001	0,011	0,032	FALSE
0,059	0,324	0,001	0,007	0,059	FALSE
-0,067	0,295	-0,002	0,008	0,098	FALSE
0,063	0,301	0,002	0,010	0,091	FALSE
0,101	0,315	0,004	0,012	0,140	FALSE
0,030	0,323	0,002	0,013	0,059	FALSE
0,015	0,307	0,000	0,006	0,016	FALSE
-0,098	0,294	-0,006	0,012	0,195	FALSE
-0,088	0,305	-0,003	0,007	0,154	FALSE
-0,120	0,297	-0,003	0,007	0,183	FALSE

0,182	0,300	0,005	0,009	0,254	FALSE
0,027	0,308	0,001	0,009	0,045	FALSE
0,106	0,300	0,005	0,012	0,168	FALSE
0,021	0,297	0,001	0,012	0,017	FALSE
0,014	0,318	0,000	0,007	0,023	FALSE
-0,023	0,310	-0,001	0,008	0,032	FALSE
0,184	0,308	0,007	0,013	0,235	FALSE
-0,065	0,305	-0,003	0,011	0,089	FALSE
0,079	0,307	0,003	0,011	0,091	FALSE
0,016	0,300	0,001	0,009	0,020	FALSE
-0,020	0,315	-0,001	0,007	0,039	FALSE
-0,049	0,310	-0,001	0,006	0,051	FALSE
-0,060	0,318	-0,001	0,006	0,090	FALSE
0,040	0,301	0,001	0,007	0,057	FALSE
-0,005	0,312	-0,001	0,012	0,020	FALSE
0,027	0,311	0,001	0,008	0,025	FALSE
0,011	0,299	0,000	0,008	0,013	FALSE
-0,026	0,309	-0,001	0,009	0,027	FALSE
0,096	0,295	0,004	0,009	0,170	FALSE
0,026	0,310	0,000	0,013	0,010	FALSE
-0,011	0,299	0,000	0,012	0,009	FALSE
0,054	0,298	0,003	0,010	0,124	FALSE
-0,112	0,314	-0,002	0,007	0,115	FALSE
-0,038	0,310	-0,001	0,008	0,033	FALSE
0,104	0,307	0,002	0,008	0,092	FALSE
-0,062	0,307	-0,002	0,012	0,059	FALSE
0,036	0,307	0,002	0,012	0,047	FALSE
-0,137	0,298	-0,003	0,007	0,187	FALSE
-0,126	0,293	-0,004	0,009	0,181	FALSE
-0,045	0,305	-0,001	0,010	0,041	FALSE
-0,017	0,307	0,000	0,008	0,005	FALSE
0,050	0,297	0,001	0,007	0,076	FALSE
0,028	0,310	0,001	0,006	0,033	FALSE
-0,082	0,293	-0,004	0,012	0,141	FALSE
0,062	0,306	0,003	0,012	0,091	FALSE
-0,086	0,306	-0,004	0,012	0,125	FALSE
0,015	0,300	0,001	0,007	0,030	FALSE
0,079	0,310	0,002	0,007	0,100	FALSE
0,036	0,277	0,002	0,009	0,074	FALSE
0,050	0,299	0,001	0,007	0,073	FALSE
-0,091	0,306	-0,003	0,009	0,127	FALSE
0,137	0,300	0,005	0,011	0,190	FALSE
-0,095	0,296	-0,002	0,007	0,114	FALSE
0,151	0,296	0,003	0,006	0,161	FALSE
0,112	0,304	0,006	0,012	0,193	FALSE
0,033	0,307	0,000	0,006	0,020	FALSE
-0,015	0,322	-0,001	0,008	0,051	FALSE
-0,093	0,308	-0,003	0,010	0,122	FALSE
-0,031	0,304	-0,001	0,006	0,044	FALSE
0,096	0,313	0,003	0,010	0,128	FALSE
-0,116	0,310	-0,002	0,006	0,153	FALSE
0,076	0,313	0,003	0,013	0,087	FALSE
0,003	0,311	0,000	0,011	0,010	FALSE

-0,016	0,305	0,000	0,010	0,004	FALSE
-0,023	0,299	0,000	0,011	0,013	FALSE
-0,009	0,310	0,000	0,008	0,022	FALSE
-0,029	0,309	-0,001	0,008	0,044	FALSE
-0,164	0,306	-0,004	0,009	0,185	FALSE
0,110	0,296	0,003	0,009	0,154	FALSE
0,134	0,300	0,004	0,008	0,200	FALSE
-0,055	0,316	-0,002	0,010	0,067	FALSE
0,015	0,315	0,001	0,013	0,036	FALSE
-0,018	0,314	0,000	0,013	0,007	FALSE
0,095	0,294	0,002	0,008	0,124	FALSE
0,027	0,302	0,001	0,009	0,022	FALSE
-0,093	0,305	-0,003	0,007	0,153	FALSE
0,113	0,302	0,003	0,006	0,202	FALSE
-0,033	0,317	0,000	0,010	0,013	FALSE
0,033	0,295	0,000	0,007	0,022	FALSE
0,075	0,308	0,003	0,013	0,092	FALSE
-0,023	0,300	-0,001	0,007	0,040	FALSE
-0,006	0,295	-0,001	0,010	0,022	FALSE
0,026	0,306	0,000	0,008	0,017	FALSE
0,082	0,303	0,002	0,009	0,088	FALSE
-0,058	0,294	-0,002	0,006	0,100	FALSE
-0,083	0,297	-0,003	0,013	0,107	FALSE
0,108	0,303	0,005	0,013	0,173	FALSE
0,282	0,275	0,011	0,011	0,507	FALSE
-0,059	0,300	-0,002	0,012	0,061	FALSE
-0,149	0,301	-0,006	0,012	0,224	FALSE
0,145	0,293	0,006	0,009	0,280	FALSE
-0,205	0,295	-0,005	0,007	0,309	FALSE
-0,185	0,305	-0,004	0,007	0,254	FALSE
-0,038	0,298	-0,002	0,011	0,072	FALSE
0,082	0,310	0,002	0,007	0,094	FALSE
-0,017	0,306	-0,001	0,012	0,038	FALSE
-0,055	0,313	-0,003	0,013	0,078	FALSE
-0,123	0,286	-0,005	0,010	0,204	FALSE
-0,123	0,314	-0,002	0,007	0,130	FALSE
0,022	0,313	0,002	0,013	0,048	FALSE
-0,142	0,302	-0,006	0,011	0,226	FALSE
-0,061	0,315	-0,002	0,008	0,074	FALSE
0,031	0,298	0,001	0,006	0,060	FALSE
0,049	0,303	0,003	0,011	0,111	FALSE
0,020	0,309	0,000	0,007	0,000	FALSE
-0,022	0,313	-0,001	0,013	0,023	FALSE
-0,100	0,315	-0,003	0,008	0,135	FALSE
0,120	0,320	0,006	0,014	0,184	FALSE
0,149	0,292	0,006	0,012	0,218	FALSE
0,141	0,297	0,007	0,012	0,239	FALSE
-0,053	0,314	-0,003	0,012	0,083	FALSE
-0,047	0,307	-0,001	0,007	0,054	FALSE
-0,118	0,309	-0,003	0,007	0,138	FALSE
-0,065	0,299	-0,002	0,007	0,084	FALSE
-0,089	0,314	-0,002	0,008	0,116	FALSE
0,018	0,309	0,000	0,006	0,013	FALSE

-0,007	0,310	-0,001	0,006	0,044	FALSE
0,139	0,303	0,004	0,008	0,174	FALSE
0,092	0,290	0,003	0,009	0,151	FALSE
0,104	0,299	0,004	0,009	0,174	FALSE
-0,025	0,314	-0,001	0,007	0,078	FALSE
-0,057	0,315	-0,002	0,009	0,088	FALSE
-0,046	0,307	-0,001	0,010	0,050	FALSE
-0,005	0,304	-0,001	0,011	0,032	FALSE
-0,027	0,310	-0,001	0,013	0,036	FALSE
0,081	0,310	0,002	0,009	0,078	FALSE
-0,112	0,304	-0,003	0,008	0,145	FALSE
-0,041	0,309	-0,001	0,009	0,058	FALSE
0,120	0,293	0,003	0,008	0,174	FALSE
0,031	0,309	0,001	0,008	0,050	FALSE
0,127	0,317	0,005	0,012	0,183	FALSE
0,063	0,315	0,001	0,007	0,070	FALSE
-0,127	0,293	-0,004	0,008	0,177	FALSE
-0,023	0,310	-0,001	0,012	0,031	FALSE
-0,042	0,309	-0,001	0,007	0,057	FALSE
0,037	0,311	0,002	0,010	0,057	FALSE
0,021	0,304	0,001	0,009	0,036	FALSE
0,015	0,306	0,001	0,010	0,023	FALSE
0,131	0,312	0,003	0,008	0,174	FALSE
-0,020	0,316	0,000	0,009	0,013	FALSE
0,201	0,283	0,004	0,007	0,259	FALSE
-0,141	0,286	-0,005	0,011	0,208	FALSE
0,142	0,309	0,006	0,012	0,206	FALSE
0,124	0,299	0,003	0,007	0,180	FALSE
0,005	0,309	0,000	0,013	0,010	FALSE
-0,108	0,302	-0,002	0,007	0,138	FALSE
-0,118	0,303	-0,004	0,011	0,145	FALSE
-0,065	0,297	-0,002	0,009	0,095	FALSE
-0,005	0,306	0,000	0,007	0,014	FALSE
0,090	0,308	0,002	0,009	0,095	FALSE
-0,001	0,310	0,000	0,009	0,011	FALSE
0,009	0,314	0,000	0,013	0,005	FALSE
0,000	0,294	0,001	0,010	0,050	FALSE
0,084	0,306	0,002	0,008	0,091	FALSE
0,094	0,294	0,002	0,008	0,087	FALSE
0,076	0,308	0,002	0,009	0,087	FALSE
-0,014	0,306	0,000	0,007	0,001	FALSE
-0,204	0,297	-0,007	0,009	0,325	FALSE
-0,044	0,317	-0,001	0,008	0,025	FALSE
0,083	0,299	0,003	0,013	0,082	FALSE
-0,036	0,314	0,000	0,008	0,017	FALSE
0,103	0,309	0,004	0,011	0,136	FALSE
0,126	0,315	0,004	0,008	0,187	FALSE
0,079	0,301	0,001	0,008	0,068	FALSE
0,131	0,304	0,004	0,008	0,206	FALSE
-0,041	0,302	0,000	0,008	0,017	FALSE
0,105	0,305	0,003	0,010	0,129	FALSE
-0,117	0,308	-0,003	0,010	0,125	FALSE
-0,016	0,310	0,000	0,008	0,003	FALSE

-0,134	0,297	-0,006	0,011	0,206	FALSE
-0,056	0,298	-0,002	0,009	0,093	FALSE
-0,096	0,308	-0,002	0,009	0,074	FALSE
-0,003	0,298	0,000	0,012	0,001	FALSE
-0,013	0,300	0,000	0,006	0,004	FALSE
0,040	0,307	0,001	0,012	0,023	FALSE
0,010	0,307	0,001	0,013	0,025	FALSE
-0,009	0,308	0,000	0,007	0,008	FALSE
-0,024	0,313	-0,002	0,013	0,055	FALSE
-0,026	0,292	0,000	0,012	0,004	FALSE
0,129	0,296	0,003	0,006	0,191	FALSE
-0,122	0,313	-0,005	0,013	0,158	FALSE
-0,006	0,311	0,000	0,009	0,007	FALSE
-0,052	0,301	-0,001	0,008	0,033	FALSE
-0,091	0,301	-0,003	0,011	0,111	FALSE
-0,020	0,290	-0,001	0,008	0,063	FALSE
-0,014	0,302	-0,001	0,008	0,054	FALSE
0,005	0,310	0,001	0,011	0,027	FALSE
0,166	0,296	0,004	0,007	0,260	FALSE
0,018	0,311	0,000	0,011	0,008	FALSE
-0,171	0,299	-0,004	0,009	0,207	FALSE
-0,060	0,296	-0,002	0,010	0,085	FALSE
0,116	0,301	0,006	0,012	0,212	FALSE
-0,111	0,303	-0,002	0,007	0,127	FALSE
0,153	0,299	0,007	0,012	0,251	FALSE
0,069	0,310	0,003	0,012	0,104	FALSE
0,091	0,319	0,005	0,013	0,137	FALSE
0,057	0,307	0,003	0,013	0,079	FALSE
0,107	0,302	0,005	0,013	0,164	FALSE
0,141	0,300	0,006	0,012	0,229	FALSE
0,155	0,292	0,007	0,012	0,262	FALSE
-0,048	0,311	-0,002	0,009	0,067	FALSE
-0,080	0,301	-0,002	0,009	0,074	FALSE
-0,057	0,321	-0,002	0,010	0,087	FALSE
-0,171	0,290	-0,004	0,007	0,213	FALSE
0,013	0,293	0,001	0,010	0,018	FALSE
-0,078	0,314	-0,003	0,009	0,128	FALSE
-0,124	0,311	-0,003	0,007	0,148	FALSE
-0,048	0,306	-0,001	0,011	0,049	FALSE
-0,044	0,287	0,000	0,011	0,015	FALSE
0,015	0,292	0,001	0,009	0,041	FALSE
0,086	0,318	0,002	0,009	0,085	FALSE
0,043	0,304	0,001	0,009	0,054	FALSE
0,009	0,306	0,001	0,006	0,044	FALSE
0,043	0,304	0,001	0,010	0,047	FALSE
-0,018	0,297	0,000	0,006	0,017	FALSE
-0,002	0,300	0,001	0,006	0,035	FALSE
-0,097	0,303	-0,004	0,010	0,155	FALSE
-0,057	0,307	-0,001	0,006	0,048	FALSE
-0,015	0,320	0,000	0,009	0,005	FALSE
-0,099	0,301	-0,005	0,011	0,183	FALSE
0,111	0,300	0,006	0,012	0,190	FALSE
-0,074	0,321	-0,002	0,010	0,091	FALSE

-0,031	0,309	-0,001	0,007	0,063	FALSE
0,093	0,307	0,002	0,007	0,129	FALSE
0,032	0,309	0,001	0,012	0,022	FALSE
-0,052	0,299	-0,002	0,007	0,111	FALSE
-0,010	0,316	-0,001	0,012	0,036	FALSE
0,072	0,308	0,002	0,010	0,075	FALSE
-0,012	0,317	0,000	0,012	0,009	FALSE
-0,060	0,313	-0,001	0,009	0,043	FALSE
0,053	0,307	0,002	0,010	0,059	FALSE
-0,041	0,309	-0,002	0,007	0,088	FALSE
-0,067	0,311	-0,003	0,012	0,081	FALSE
-0,136	0,307	-0,003	0,006	0,185	FALSE
-0,130	0,314	-0,003	0,007	0,148	FALSE
-0,029	0,303	0,000	0,006	0,017	FALSE
-0,050	0,311	-0,001	0,006	0,041	FALSE
0,005	0,312	0,000	0,011	0,005	FALSE
0,055	0,312	0,001	0,007	0,062	FALSE
0,018	0,316	0,000	0,011	0,002	FALSE
0,080	0,287	0,002	0,008	0,091	FALSE
-0,045	0,296	-0,002	0,010	0,089	FALSE
-0,118	0,294	-0,004	0,010	0,137	FALSE
-0,004	0,308	-0,001	0,011	0,021	FALSE
0,005	0,312	-0,001	0,007	0,029	FALSE
-0,010	0,306	0,000	0,009	0,017	FALSE
0,040	0,306	0,000	0,006	0,004	FALSE
0,032	0,312	0,000	0,012	0,009	FALSE
-0,020	0,314	-0,001	0,012	0,042	FALSE
0,025	0,294	0,001	0,010	0,040	FALSE
0,044	0,304	0,002	0,012	0,047	FALSE
0,025	0,315	0,001	0,006	0,031	FALSE
0,046	0,304	0,001	0,006	0,076	FALSE
0,011	0,313	0,000	0,006	0,017	FALSE
0,037	0,306	0,003	0,012	0,082	FALSE
0,042	0,302	0,003	0,012	0,079	FALSE
0,045	0,307	0,002	0,012	0,076	FALSE
-0,025	0,302	0,000	0,009	0,004	FALSE
-0,036	0,316	-0,001	0,007	0,026	FALSE
-0,099	0,307	-0,003	0,008	0,153	FALSE
0,052	0,294	0,002	0,009	0,092	FALSE
-0,071	0,309	-0,001	0,008	0,057	FALSE
-0,084	0,316	-0,001	0,008	0,067	FALSE
-0,075	0,294	-0,001	0,007	0,054	FALSE
-0,069	0,306	-0,001	0,008	0,055	FALSE
-0,016	0,311	0,000	0,012	0,003	FALSE
0,068	0,308	0,001	0,007	0,073	FALSE
-0,022	0,298	-0,001	0,008	0,046	FALSE
0,005	0,294	0,000	0,006	0,023	FALSE
-0,004	0,310	0,000	0,008	0,006	FALSE
0,229	0,294	0,011	0,012	0,412	FALSE
-0,002	0,296	0,000	0,011	0,012	FALSE
-0,022	0,307	-0,002	0,010	0,060	FALSE
-0,049	0,301	-0,003	0,011	0,114	FALSE
0,042	0,311	0,000	0,009	0,016	FALSE

0,108	0,304	0,003	0,006	0,180	FALSE
0,108	0,286	0,003	0,006	0,229	FALSE
0,064	0,310	0,003	0,009	0,114	FALSE
0,061	0,315	0,003	0,009	0,114	FALSE
0,004	0,313	-0,001	0,010	0,020	FALSE
0,050	0,316	0,002	0,010	0,071	FALSE
-0,058	0,315	-0,003	0,011	0,096	FALSE
0,126	0,294	0,006	0,012	0,200	FALSE
0,118	0,312	0,005	0,012	0,169	FALSE
-0,096	0,295	-0,005	0,013	0,156	FALSE
-0,012	0,318	-0,001	0,009	0,036	FALSE
-0,053	0,310	-0,001	0,008	0,051	FALSE
0,075	0,313	0,003	0,011	0,100	FALSE
0,087	0,308	0,003	0,012	0,114	FALSE
0,064	0,310	0,002	0,012	0,074	FALSE
0,005	0,313	0,000	0,010	0,006	FALSE
-0,182	0,290	-0,006	0,009	0,273	FALSE
-0,120	0,297	-0,003	0,007	0,163	FALSE
-0,048	0,303	-0,002	0,012	0,067	FALSE
0,015	0,303	0,001	0,009	0,031	FALSE
-0,104	0,308	-0,005	0,013	0,168	FALSE
0,104	0,296	0,005	0,012	0,152	FALSE
0,091	0,298	0,004	0,012	0,125	FALSE
-0,056	0,311	-0,002	0,008	0,075	FALSE
0,081	0,291	0,004	0,010	0,140	FALSE
0,056	0,311	0,002	0,009	0,089	FALSE
0,080	0,298	0,003	0,009	0,123	FALSE
0,036	0,296	0,001	0,008	0,056	FALSE
-0,033	0,304	0,000	0,010	0,017	FALSE
-0,070	0,315	-0,002	0,010	0,086	FALSE
-0,045	0,304	-0,001	0,011	0,049	FALSE
-0,020	0,317	-0,001	0,013	0,022	FALSE
0,033	0,315	0,002	0,010	0,058	FALSE
0,025	0,305	0,000	0,008	0,001	FALSE
-0,036	0,306	-0,002	0,012	0,067	FALSE
0,037	0,297	0,001	0,009	0,058	FALSE
-0,066	0,311	-0,002	0,009	0,093	FALSE
0,029	0,310	0,000	0,009	0,014	FALSE
-0,060	0,315	-0,003	0,009	0,125	FALSE
0,041	0,295	0,000	0,008	0,004	FALSE
-0,061	0,318	-0,002	0,008	0,102	FALSE
0,100	0,285	0,004	0,010	0,177	FALSE
-0,015	0,314	-0,002	0,012	0,058	FALSE
0,001	0,320	0,000	0,010	0,001	FALSE
-0,119	0,317	-0,003	0,009	0,134	FALSE
0,096	0,308	0,005	0,013	0,145	FALSE
-0,001	0,311	-0,001	0,006	0,043	FALSE
-0,005	0,310	0,000	0,009	0,018	FALSE
-0,041	0,313	-0,002	0,011	0,072	FALSE
-0,003	0,292	0,000	0,007	0,008	FALSE
-0,006	0,317	0,000	0,007	0,009	FALSE
0,067	0,310	0,002	0,012	0,067	FALSE
0,001	0,319	0,000	0,008	0,006	FALSE

0,006	0,300	0,000	0,007	0,025	FALSE
-0,059	0,313	-0,002	0,009	0,061	FALSE
-0,007	0,303	-0,001	0,011	0,047	FALSE
0,072	0,311	0,002	0,007	0,112	FALSE
0,081	0,301	0,003	0,012	0,109	FALSE
-0,113	0,297	-0,005	0,011	0,176	FALSE
-0,035	0,303	-0,002	0,012	0,064	FALSE
0,008	0,322	0,000	0,010	0,004	FALSE
0,040	0,306	0,001	0,012	0,031	FALSE
0,027	0,299	0,000	0,011	0,008	FALSE
0,028	0,302	0,000	0,011	0,006	FALSE
0,018	0,306	0,000	0,012	0,006	FALSE
0,045	0,306	0,001	0,006	0,051	FALSE
0,128	0,299	0,005	0,012	0,166	FALSE
-0,017	0,283	0,000	0,011	0,000	FALSE
-0,012	0,306	-0,001	0,012	0,025	FALSE
0,029	0,303	0,001	0,012	0,019	FALSE
0,000	0,311	0,000	0,007	0,021	FALSE
-0,034	0,309	-0,001	0,013	0,024	FALSE
0,046	0,304	0,001	0,006	0,088	FALSE
-0,025	0,305	-0,002	0,012	0,069	FALSE
0,027	0,311	0,000	0,008	0,012	FALSE
0,012	0,310	0,001	0,009	0,036	FALSE
0,040	0,300	0,001	0,007	0,049	FALSE
0,157	0,309	0,006	0,013	0,203	FALSE
-0,092	0,308	-0,003	0,009	0,113	FALSE
-0,006	0,309	0,000	0,007	0,010	FALSE
-0,020	0,302	-0,001	0,012	0,042	FALSE
-0,095	0,302	-0,002	0,012	0,068	FALSE
0,038	0,303	0,001	0,011	0,038	FALSE
0,038	0,313	0,000	0,008	0,020	FALSE
-0,038	0,314	-0,001	0,006	0,053	FALSE
-0,011	0,301	0,000	0,012	0,002	FALSE
-0,003	0,310	-0,001	0,007	0,033	FALSE
0,106	0,298	0,003	0,007	0,161	FALSE
-0,025	0,309	-0,001	0,010	0,024	FALSE
0,002	0,304	0,000	0,011	0,013	FALSE
-0,067	0,289	-0,002	0,012	0,063	FALSE
-0,172	0,307	-0,004	0,007	0,222	FALSE
-0,086	0,309	-0,002	0,007	0,098	FALSE
0,035	0,305	0,002	0,013	0,044	FALSE
0,132	0,308	0,004	0,008	0,193	FALSE
-0,017	0,315	0,000	0,009	0,008	FALSE
-0,051	0,317	-0,001	0,007	0,076	FALSE
0,039	0,322	0,001	0,013	0,043	FALSE
-0,068	0,306	-0,001	0,008	0,075	FALSE
0,063	0,300	0,001	0,006	0,074	FALSE
0,032	0,307	0,002	0,011	0,071	FALSE
0,031	0,309	0,001	0,008	0,049	FALSE
0,034	0,300	0,001	0,008	0,053	FALSE
0,034	0,300	0,001	0,007	0,045	FALSE
-0,004	0,300	0,000	0,006	0,014	FALSE
-0,037	0,314	-0,001	0,007	0,074	FALSE

-0,075	0,314	-0,003	0,011	0,095	FALSE
0,007	0,321	0,000	0,007	0,013	FALSE
0,003	0,300	0,000	0,007	0,012	FALSE
0,034	0,295	0,001	0,007	0,060	FALSE
0,014	0,305	0,000	0,008	0,009	FALSE
0,066	0,317	0,003	0,012	0,091	FALSE
0,009	0,311	0,001	0,010	0,032	FALSE
0,044	0,305	0,001	0,008	0,045	FALSE
0,082	0,309	0,003	0,009	0,111	FALSE
-0,110	0,301	-0,005	0,012	0,175	FALSE
-0,112	0,295	-0,002	0,007	0,130	FALSE
-0,011	0,315	0,000	0,006	0,003	FALSE
-0,093	0,306	-0,002	0,006	0,130	FALSE
0,118	0,303	0,002	0,006	0,134	FALSE
0,015	0,305	-0,001	0,009	0,030	FALSE
0,156	0,295	0,006	0,009	0,266	FALSE
-0,080	0,311	-0,001	0,007	0,084	FALSE
-0,174	0,317	-0,006	0,011	0,255	FALSE
0,184	0,289	0,006	0,009	0,322	FALSE
0,170	0,308	0,004	0,007	0,253	FALSE
-0,127	0,322	-0,005	0,011	0,180	FALSE
0,026	0,302	0,001	0,008	0,038	FALSE
0,064	0,319	0,003	0,012	0,099	FALSE
-0,043	0,308	-0,001	0,011	0,037	FALSE
0,021	0,303	0,001	0,009	0,028	FALSE
-0,081	0,307	-0,001	0,007	0,086	FALSE
0,063	0,305	0,003	0,011	0,083	FALSE
-0,120	0,307	-0,004	0,012	0,133	FALSE
0,031	0,322	0,001	0,012	0,026	FALSE
0,021	0,310	0,001	0,010	0,029	FALSE
-0,094	0,305	-0,003	0,011	0,116	FALSE
-0,012	0,310	0,000	0,007	0,010	FALSE
-0,035	0,307	-0,001	0,006	0,042	FALSE
0,115	0,290	0,003	0,008	0,187	FALSE
0,000	0,307	0,000	0,007	0,003	FALSE
0,051	0,313	0,002	0,008	0,081	FALSE
-0,047	0,308	0,000	0,007	0,023	FALSE
0,006	0,314	0,000	0,007	0,020	FALSE
-0,042	0,300	-0,001	0,011	0,047	FALSE
0,121	0,304	0,004	0,010	0,175	FALSE
-0,015	0,307	0,000	0,009	0,000	FALSE
-0,052	0,314	-0,001	0,006	0,077	FALSE
-0,041	0,297	-0,001	0,009	0,022	FALSE
-0,002	0,303	0,001	0,009	0,026	FALSE
0,229	0,298	0,005	0,008	0,318	FALSE
-0,063	0,293	-0,003	0,012	0,098	FALSE
-0,028	0,305	-0,002	0,012	0,075	FALSE
-0,028	0,305	-0,003	0,012	0,088	FALSE
-0,072	0,307	-0,004	0,011	0,127	FALSE
0,116	0,305	0,004	0,009	0,155	FALSE
-0,016	0,316	0,000	0,008	0,006	FALSE
-0,038	0,303	0,000	0,012	0,015	FALSE
-0,083	0,305	-0,003	0,010	0,120	FALSE

0,047	0,307	0,002	0,011	0,052	FALSE
0,008	0,317	0,000	0,012	0,010	FALSE
-0,109	0,303	-0,003	0,012	0,105	FALSE
0,083	0,299	0,002	0,011	0,084	FALSE
0,026	0,285	0,003	0,009	0,109	FALSE
0,104	0,301	0,002	0,006	0,115	FALSE
0,081	0,305	0,002	0,007	0,085	FALSE
-0,034	0,302	-0,001	0,012	0,029	FALSE
-0,045	0,297	-0,002	0,008	0,106	FALSE
-0,056	0,310	-0,002	0,007	0,099	FALSE
-0,016	0,294	-0,001	0,009	0,023	FALSE
0,002	0,313	0,000	0,009	0,007	FALSE
0,010	0,297	0,000	0,009	0,011	FALSE
-0,017	0,311	-0,001	0,009	0,020	FALSE
0,003	0,308	0,000	0,010	0,006	FALSE
-0,001	0,298	0,000	0,009	0,001	FALSE
-0,064	0,309	-0,001	0,006	0,081	FALSE
-0,058	0,303	-0,003	0,010	0,113	FALSE
-0,025	0,323	0,000	0,007	0,017	FALSE
-0,087	0,308	-0,005	0,012	0,151	FALSE
-0,016	0,318	0,000	0,007	0,014	FALSE
-0,061	0,294	-0,004	0,012	0,121	FALSE
-0,108	0,296	-0,005	0,011	0,179	FALSE
0,010	0,318	0,000	0,008	0,008	FALSE
-0,052	0,298	-0,001	0,009	0,041	FALSE
-0,081	0,316	-0,001	0,006	0,085	FALSE
-0,046	0,317	-0,001	0,012	0,040	FALSE
0,152	0,291	0,004	0,008	0,176	FALSE
0,015	0,314	-0,001	0,012	0,034	FALSE
0,001	0,304	-0,001	0,012	0,038	FALSE
0,105	0,312	0,005	0,012	0,151	FALSE
0,016	0,315	0,001	0,012	0,015	FALSE
0,020	0,306	0,000	0,011	0,005	FALSE
0,022	0,304	0,000	0,011	0,008	FALSE
0,026	0,301	0,000	0,008	0,021	FALSE
0,016	0,309	0,000	0,006	0,005	FALSE
-0,061	0,318	-0,002	0,007	0,109	FALSE
0,065	0,297	0,003	0,010	0,099	FALSE
0,049	0,309	0,002	0,012	0,066	FALSE
0,060	0,317	0,002	0,012	0,077	FALSE
-0,042	0,311	-0,001	0,006	0,034	FALSE
0,041	0,297	0,002	0,008	0,102	FALSE
-0,062	0,311	-0,003	0,013	0,101	FALSE
-0,027	0,311	-0,002	0,011	0,059	FALSE
0,176	0,301	0,005	0,008	0,301	FALSE
0,085	0,311	0,003	0,009	0,105	FALSE
0,043	0,313	0,002	0,009	0,087	FALSE
-0,074	0,311	-0,002	0,007	0,088	FALSE
0,052	0,302	0,001	0,006	0,054	FALSE
-0,150	0,311	-0,003	0,007	0,179	FALSE
-0,089	0,311	-0,002	0,008	0,113	FALSE
0,055	0,327	0,002	0,011	0,057	FALSE
0,106	0,299	0,002	0,006	0,124	FALSE

0,007	0,313	0,000	0,010	0,010	FALSE
-0,110	0,290	-0,004	0,009	0,176	FALSE
-0,013	0,315	-0,001	0,011	0,031	FALSE
-0,042	0,325	-0,001	0,008	0,042	FALSE
0,077	0,312	0,002	0,009	0,099	FALSE
0,026	0,302	0,000	0,006	0,024	FALSE
0,093	0,304	0,003	0,008	0,130	FALSE
-0,086	0,301	-0,003	0,008	0,134	FALSE
-0,064	0,308	-0,001	0,007	0,051	FALSE
0,025	0,317	0,000	0,011	0,012	FALSE
0,012	0,300	0,001	0,012	0,024	FALSE
-0,129	0,312	-0,003	0,006	0,165	FALSE
0,182	0,295	0,007	0,011	0,269	FALSE
-0,117	0,297	-0,002	0,006	0,140	FALSE
-0,034	0,309	-0,001	0,008	0,023	FALSE
0,001	0,305	-0,001	0,012	0,029	FALSE
0,003	0,305	-0,001	0,012	0,016	FALSE
0,037	0,309	0,001	0,011	0,038	FALSE
0,030	0,318	0,000	0,012	0,012	FALSE
0,079	0,297	0,004	0,011	0,141	FALSE
0,098	0,303	0,004	0,010	0,183	FALSE
0,016	0,315	0,000	0,009	0,005	FALSE
0,049	0,296	0,004	0,011	0,129	FALSE
0,002	0,304	0,000	0,011	0,015	FALSE
-0,089	0,314	-0,002	0,012	0,075	FALSE
-0,057	0,308	-0,002	0,011	0,051	FALSE
0,079	0,304	0,002	0,006	0,141	FALSE
-0,001	0,315	0,000	0,009	0,012	FALSE
-0,062	0,312	-0,002	0,010	0,088	FALSE
0,120	0,303	0,005	0,012	0,161	FALSE
0,017	0,304	0,000	0,007	0,027	FALSE
-0,005	0,302	0,000	0,006	0,011	FALSE
0,014	0,295	0,000	0,007	0,014	FALSE
-0,016	0,295	-0,001	0,008	0,043	FALSE
-0,059	0,303	-0,002	0,012	0,049	FALSE
0,102	0,314	0,002	0,010	0,092	FALSE
0,011	0,312	0,001	0,012	0,015	FALSE
-0,032	0,307	0,000	0,006	0,026	FALSE
-0,019	0,317	0,000	0,010	0,003	FALSE
-0,097	0,302	-0,003	0,008	0,121	FALSE
0,093	0,304	0,004	0,012	0,133	FALSE
0,083	0,316	0,002	0,010	0,088	FALSE
0,002	0,300	0,000	0,012	0,005	FALSE
-0,054	0,302	-0,002	0,012	0,057	FALSE
-0,126	0,290	-0,003	0,006	0,160	FALSE
-0,128	0,303	-0,003	0,007	0,155	FALSE
-0,057	0,308	-0,002	0,009	0,083	FALSE
-0,035	0,300	-0,002	0,010	0,061	FALSE
0,090	0,300	0,002	0,007	0,100	FALSE
0,068	0,295	0,003	0,010	0,118	FALSE
0,068	0,308	0,003	0,010	0,116	FALSE
-0,001	0,310	0,000	0,011	0,008	FALSE
0,067	0,306	0,002	0,007	0,081	FALSE

0,082	0,306	0,003	0,010	0,105	FALSE
0,068	0,299	0,003	0,010	0,138	FALSE
0,004	0,309	-0,001	0,013	0,028	FALSE
0,061	0,286	0,003	0,009	0,111	FALSE
0,098	0,299	0,004	0,009	0,176	FALSE
-0,073	0,307	-0,002	0,007	0,134	FALSE
0,041	0,307	0,001	0,008	0,062	FALSE
0,042	0,296	0,001	0,010	0,030	FALSE
0,002	0,305	0,000	0,009	0,010	FALSE
-0,019	0,308	-0,001	0,009	0,022	FALSE
0,004	0,304	0,000	0,009	0,011	FALSE
-0,081	0,293	-0,004	0,012	0,133	FALSE
0,078	0,297	0,002	0,007	0,129	FALSE
0,084	0,300	0,001	0,007	0,072	FALSE
0,090	0,313	0,002	0,007	0,122	FALSE
-0,066	0,315	-0,002	0,007	0,079	FALSE
0,091	0,317	0,002	0,007	0,107	FALSE
-0,042	0,302	-0,001	0,008	0,040	FALSE
0,114	0,295	0,003	0,008	0,145	FALSE
0,057	0,304	0,002	0,008	0,068	FALSE
0,052	0,297	0,002	0,010	0,060	FALSE
0,042	0,325	0,001	0,008	0,032	FALSE
0,045	0,299	0,000	0,011	0,005	FALSE
-0,008	0,292	0,000	0,010	0,005	FALSE
-0,049	0,291	-0,001	0,009	0,045	FALSE
-0,098	0,290	-0,003	0,008	0,130	FALSE
-0,017	0,297	0,000	0,009	0,000	FALSE
-0,003	0,298	-0,002	0,012	0,056	FALSE
-0,064	0,286	-0,001	0,012	0,025	FALSE
0,099	0,293	0,003	0,007	0,159	FALSE
-0,051	0,301	-0,001	0,010	0,045	FALSE
-0,012	0,309	0,001	0,010	0,019	FALSE
-0,020	0,307	0,000	0,009	0,000	FALSE
0,048	0,298	0,002	0,007	0,094	FALSE
-0,096	0,295	-0,003	0,008	0,130	FALSE
0,002	0,296	0,000	0,007	0,001	FALSE
0,140	0,299	0,006	0,009	0,273	FALSE
-0,077	0,302	-0,003	0,009	0,136	FALSE
-0,074	0,305	-0,002	0,011	0,067	FALSE
-0,092	0,313	-0,003	0,013	0,081	FALSE
0,105	0,314	0,003	0,008	0,150	FALSE
-0,137	0,311	-0,004	0,010	0,180	FALSE
-0,166	0,297	-0,004	0,007	0,231	FALSE
-0,002	0,298	0,000	0,012	0,011	FALSE
-0,065	0,315	-0,002	0,009	0,076	FALSE
-0,060	0,309	-0,002	0,009	0,069	FALSE
-0,093	0,316	-0,003	0,012	0,104	FALSE
-0,025	0,300	-0,001	0,010	0,028	FALSE
-0,003	0,304	0,000	0,007	0,007	FALSE
-0,045	0,314	-0,001	0,012	0,044	FALSE
-0,153	0,299	-0,003	0,007	0,208	FALSE
-0,102	0,308	-0,002	0,006	0,101	FALSE
-0,199	0,292	-0,009	0,012	0,357	FALSE

0,036	0,315	0,001	0,007	0,041	FALSE
-0,153	0,305	-0,006	0,012	0,203	FALSE
-0,036	0,312	-0,001	0,009	0,048	FALSE
0,015	0,309	0,000	0,010	0,000	FALSE
-0,025	0,324	-0,001	0,008	0,037	FALSE
-0,021	0,297	-0,001	0,008	0,027	FALSE
0,032	0,299	0,001	0,013	0,029	FALSE
0,013	0,305	0,000	0,012	0,000	FALSE
-0,107	0,300	-0,002	0,007	0,127	FALSE
0,097	0,313	0,004	0,009	0,163	FALSE
0,090	0,302	0,004	0,011	0,144	FALSE
0,154	0,306	0,003	0,007	0,185	FALSE
0,054	0,303	0,002	0,007	0,103	FALSE
-0,032	0,316	-0,001	0,010	0,057	FALSE
-0,043	0,315	-0,001	0,009	0,033	FALSE
0,041	0,297	0,003	0,012	0,084	FALSE
0,078	0,306	0,002	0,008	0,087	FALSE
-0,054	0,313	-0,001	0,009	0,046	FALSE
-0,043	0,301	-0,003	0,012	0,106	FALSE
0,067	0,300	0,002	0,007	0,089	FALSE
0,082	0,312	0,002	0,007	0,091	FALSE
0,018	0,306	0,000	0,009	0,017	FALSE
0,002	0,305	0,000	0,008	0,013	FALSE
0,072	0,303	0,001	0,009	0,060	FALSE
0,009	0,318	0,000	0,007	0,005	FALSE
-0,105	0,305	-0,003	0,008	0,127	FALSE
-0,031	0,321	-0,001	0,013	0,024	FALSE
0,001	0,308	0,001	0,009	0,021	FALSE
0,049	0,298	0,001	0,010	0,040	FALSE
-0,014	0,318	0,000	0,010	0,006	FALSE
0,092	0,310	0,002	0,006	0,135	FALSE
-0,043	0,314	0,000	0,006	0,028	FALSE
-0,089	0,316	-0,002	0,010	0,080	FALSE
-0,004	0,314	0,001	0,013	0,018	FALSE
0,080	0,293	0,003	0,010	0,111	FALSE
0,009	0,317	0,000	0,007	0,015	FALSE
0,095	0,305	0,003	0,008	0,144	FALSE
0,103	0,300	0,004	0,012	0,129	FALSE
0,078	0,304	0,002	0,006	0,095	FALSE
0,113	0,302	0,003	0,007	0,155	FALSE
0,067	0,303	0,001	0,008	0,042	FALSE
0,077	0,312	0,004	0,013	0,126	FALSE
-0,020	0,301	-0,001	0,008	0,046	FALSE
0,029	0,315	0,001	0,013	0,031	FALSE
-0,076	0,300	-0,001	0,007	0,079	FALSE
0,060	0,315	0,004	0,013	0,106	FALSE
0,067	0,312	0,003	0,012	0,116	FALSE
-0,056	0,296	-0,002	0,009	0,093	FALSE
-0,044	0,298	-0,001	0,007	0,038	FALSE
0,025	0,309	0,000	0,008	0,002	FALSE
0,140	0,305	0,006	0,011	0,238	FALSE
-0,067	0,299	-0,002	0,009	0,104	FALSE
0,084	0,305	0,003	0,010	0,125	FALSE

-0,088	0,307	-0,004	0,012	0,145	FALSE
-0,067	0,311	-0,003	0,013	0,103	FALSE
-0,013	0,294	0,000	0,009	0,012	FALSE
0,022	0,303	0,001	0,011	0,042	FALSE
-0,015	0,304	-0,001	0,012	0,042	FALSE
0,014	0,288	0,000	0,008	0,016	FALSE
0,036	0,312	0,001	0,008	0,048	FALSE
-0,042	0,323	-0,001	0,009	0,035	FALSE
-0,020	0,314	0,000	0,007	0,017	FALSE
0,022	0,309	0,001	0,011	0,029	FALSE
-0,023	0,307	0,000	0,006	0,007	FALSE
-0,049	0,313	-0,003	0,013	0,079	FALSE
0,061	0,313	0,002	0,013	0,045	FALSE
-0,068	0,320	-0,001	0,010	0,051	FALSE
0,182	0,288	0,004	0,006	0,279	FALSE
0,171	0,297	0,004	0,006	0,258	FALSE
-0,026	0,304	0,000	0,007	0,017	FALSE
0,057	0,319	0,002	0,007	0,079	FALSE
0,004	0,308	0,000	0,006	0,017	FALSE
-0,038	0,321	-0,002	0,012	0,044	FALSE
-0,126	0,302	-0,004	0,010	0,160	FALSE
-0,143	0,308	-0,004	0,008	0,202	FALSE
-0,017	0,301	-0,001	0,010	0,052	FALSE
0,047	0,314	0,001	0,007	0,047	FALSE
-0,085	0,320	-0,002	0,010	0,094	FALSE
-0,066	0,309	-0,003	0,011	0,088	FALSE
0,076	0,305	0,003	0,011	0,101	FALSE
-0,034	0,311	0,000	0,008	0,021	FALSE
0,052	0,314	0,002	0,009	0,066	FALSE
-0,043	0,311	-0,001	0,007	0,049	FALSE
-0,054	0,303	-0,001	0,007	0,071	FALSE
0,097	0,315	0,001	0,006	0,074	FALSE
-0,009	0,315	-0,001	0,008	0,035	FALSE
0,009	0,302	0,000	0,007	0,012	FALSE
-0,121	0,304	-0,002	0,006	0,148	FALSE
-0,027	0,311	-0,002	0,011	0,057	FALSE
-0,031	0,300	0,000	0,006	0,027	FALSE
0,036	0,299	0,001	0,012	0,016	FALSE
-0,027	0,306	0,000	0,009	0,010	FALSE
-0,040	0,314	-0,001	0,012	0,041	FALSE
0,009	0,300	0,001	0,006	0,038	FALSE
-0,027	0,305	0,000	0,006	0,009	FALSE
0,120	0,315	0,005	0,013	0,166	FALSE
0,091	0,297	0,003	0,010	0,120	FALSE
0,090	0,294	0,004	0,012	0,129	FALSE
0,076	0,319	0,004	0,013	0,111	FALSE
-0,072	0,315	-0,002	0,010	0,066	FALSE
0,101	0,310	0,004	0,013	0,136	FALSE
0,017	0,302	0,001	0,012	0,045	FALSE
0,066	0,299	0,002	0,009	0,066	FALSE
0,086	0,321	0,002	0,010	0,071	FALSE
0,058	0,306	0,002	0,011	0,073	FALSE
0,053	0,303	0,001	0,010	0,047	FALSE

0,054	0,292	0,001	0,009	0,024	FALSE
-0,018	0,317	-0,001	0,013	0,026	FALSE
0,040	0,314	0,002	0,013	0,044	FALSE
0,005	0,300	0,000	0,008	0,012	FALSE
0,052	0,311	0,001	0,007	0,052	FALSE
-0,079	0,308	-0,003	0,012	0,094	FALSE
-0,095	0,306	-0,004	0,011	0,140	FALSE
-0,068	0,307	-0,003	0,008	0,120	FALSE
0,001	0,316	0,000	0,010	0,011	FALSE
0,035	0,308	0,001	0,011	0,042	FALSE
0,002	0,316	0,000	0,007	0,018	FALSE
0,009	0,299	0,000	0,010	0,010	FALSE
-0,026	0,298	0,000	0,008	0,015	FALSE
-0,043	0,296	-0,002	0,012	0,047	FALSE
-0,081	0,299	-0,003	0,011	0,110	FALSE
-0,014	0,307	-0,001	0,009	0,038	FALSE
-0,002	0,310	0,000	0,006	0,021	FALSE
0,204	0,292	0,005	0,007	0,348	FALSE
-0,151	0,294	-0,005	0,009	0,222	FALSE
-0,154	0,306	-0,005	0,009	0,206	FALSE
0,137	0,308	0,005	0,011	0,174	FALSE
0,050	0,307	0,001	0,008	0,047	FALSE
0,042	0,311	0,001	0,008	0,027	FALSE
-0,060	0,317	-0,002	0,011	0,064	FALSE
0,196	0,291	0,006	0,008	0,319	FALSE
0,196	0,314	0,006	0,008	0,298	FALSE
-0,121	0,314	-0,004	0,009	0,178	FALSE
0,117	0,308	0,004	0,009	0,192	FALSE
-0,001	0,298	0,000	0,006	0,013	FALSE
-0,111	0,310	-0,003	0,007	0,164	FALSE
-0,078	0,302	-0,002	0,010	0,065	FALSE
-0,144	0,296	-0,005	0,011	0,210	FALSE
-0,023	0,294	-0,001	0,008	0,047	FALSE
-0,100	0,308	-0,003	0,010	0,121	FALSE
0,043	0,302	0,001	0,013	0,034	FALSE
-0,017	0,290	-0,001	0,007	0,037	FALSE
0,097	0,299	0,002	0,006	0,091	FALSE
0,077	0,292	0,001	0,006	0,055	FALSE
0,086	0,287	0,001	0,006	0,072	FALSE
0,064	0,302	0,001	0,007	0,048	FALSE
0,022	0,303	0,000	0,008	0,004	FALSE
0,082	0,301	0,002	0,006	0,113	FALSE
-0,043	0,306	-0,002	0,008	0,089	FALSE
-0,117	0,308	-0,004	0,010	0,140	FALSE
-0,042	0,314	-0,001	0,013	0,026	FALSE
0,003	0,308	0,000	0,012	0,003	FALSE
0,013	0,312	0,001	0,012	0,020	FALSE
-0,062	0,301	-0,004	0,012	0,113	FALSE
0,045	0,314	0,001	0,006	0,066	FALSE
0,034	0,302	0,000	0,011	0,014	FALSE
0,095	0,309	0,003	0,011	0,121	FALSE
-0,055	0,302	-0,001	0,011	0,050	FALSE
0,039	0,319	0,001	0,008	0,048	FALSE

0,018	0,319	0,000	0,012	0,000	FALSE
0,025	0,307	0,000	0,011	0,008	FALSE
-0,006	0,319	0,000	0,013	0,002	FALSE
-0,061	0,318	-0,002	0,008	0,103	FALSE
0,042	0,300	0,001	0,009	0,045	FALSE
-0,037	0,304	-0,001	0,008	0,062	FALSE
0,078	0,304	0,003	0,011	0,111	FALSE
-0,004	0,305	0,000	0,006	0,013	FALSE
0,013	0,306	0,000	0,010	0,002	FALSE
-0,011	0,317	0,000	0,007	0,009	FALSE
-0,021	0,313	0,000	0,006	0,015	FALSE
-0,066	0,302	-0,002	0,009	0,095	FALSE
0,221	0,298	0,005	0,007	0,366	FALSE
-0,060	0,314	-0,001	0,008	0,062	FALSE
0,058	0,314	0,002	0,011	0,085	FALSE
0,017	0,308	0,001	0,009	0,056	FALSE
0,042	0,316	0,001	0,008	0,045	FALSE
0,117	0,311	0,004	0,008	0,195	FALSE
-0,010	0,296	0,000	0,009	0,011	FALSE
0,084	0,292	0,003	0,008	0,140	FALSE
-0,192	0,306	-0,007	0,012	0,286	FALSE
-0,001	0,309	-0,001	0,007	0,034	FALSE
-0,097	0,311	-0,003	0,008	0,150	FALSE
-0,045	0,306	-0,002	0,011	0,073	FALSE
0,042	0,310	0,001	0,008	0,067	FALSE
0,084	0,323	0,003	0,010	0,115	FALSE
0,040	0,313	0,001	0,006	0,083	FALSE
-0,036	0,309	-0,001	0,010	0,047	FALSE
0,139	0,302	0,006	0,012	0,185	FALSE
-0,052	0,302	-0,003	0,012	0,083	FALSE
0,080	0,306	0,002	0,007	0,088	FALSE
0,086	0,302	0,002	0,007	0,102	FALSE
-0,015	0,296	0,000	0,006	0,000	FALSE
-0,018	0,301	0,000	0,011	0,013	FALSE
0,025	0,310	0,001	0,008	0,064	FALSE
-0,046	0,311	-0,002	0,012	0,069	FALSE
0,114	0,313	0,002	0,007	0,123	FALSE
-0,003	0,309	0,000	0,009	0,004	FALSE
0,000	0,312	0,001	0,010	0,022	FALSE
-0,068	0,299	-0,001	0,006	0,088	FALSE
0,047	0,291	0,003	0,009	0,118	FALSE
0,056	0,310	0,002	0,007	0,084	FALSE
-0,089	0,301	-0,003	0,010	0,110	FALSE
-0,080	0,295	-0,003	0,011	0,111	FALSE
0,040	0,318	0,001	0,011	0,048	FALSE
0,141	0,307	0,005	0,012	0,179	FALSE
0,057	0,309	0,002	0,010	0,060	FALSE
0,019	0,305	0,001	0,010	0,033	FALSE
-0,094	0,307	-0,003	0,013	0,103	FALSE
-0,002	0,318	0,000	0,009	0,014	FALSE
0,044	0,306	0,001	0,012	0,044	FALSE
-0,018	0,310	0,000	0,011	0,001	FALSE
0,048	0,300	0,002	0,012	0,062	FALSE

-0,041	0,304	-0,001	0,012	0,043	FALSE
0,028	0,304	0,002	0,009	0,061	FALSE
-0,040	0,297	-0,001	0,008	0,035	FALSE
-0,090	0,308	-0,002	0,006	0,128	FALSE
-0,106	0,311	-0,003	0,007	0,154	FALSE
-0,086	0,300	-0,003	0,011	0,114	FALSE
-0,026	0,303	-0,001	0,010	0,031	FALSE
-0,101	0,317	-0,004	0,011	0,167	FALSE
-0,083	0,310	-0,004	0,013	0,123	FALSE
0,028	0,304	0,000	0,007	0,024	FALSE
-0,111	0,310	-0,004	0,011	0,158	FALSE
-0,122	0,315	-0,005	0,011	0,169	FALSE
-0,096	0,308	-0,004	0,012	0,145	FALSE
0,084	0,310	0,003	0,012	0,106	FALSE
-0,043	0,304	-0,001	0,009	0,035	FALSE
0,044	0,301	0,001	0,011	0,047	FALSE
-0,070	0,298	-0,002	0,008	0,088	FALSE
-0,080	0,304	-0,003	0,008	0,144	FALSE
-0,072	0,301	-0,003	0,009	0,122	FALSE
0,023	0,312	0,001	0,009	0,042	FALSE
-0,004	0,300	0,000	0,008	0,003	FALSE
0,017	0,302	0,001	0,009	0,022	FALSE
0,091	0,310	0,003	0,009	0,107	FALSE
-0,040	0,306	-0,001	0,012	0,022	FALSE
0,148	0,304	0,006	0,011	0,246	FALSE
0,102	0,304	0,003	0,007	0,189	FALSE
0,022	0,304	0,000	0,008	0,013	FALSE
-0,001	0,304	-0,001	0,008	0,027	FALSE
0,040	0,309	0,001	0,006	0,062	FALSE
0,016	0,310	0,001	0,011	0,027	FALSE
-0,002	0,315	0,000	0,010	0,007	FALSE
-0,044	0,311	-0,001	0,010	0,027	FALSE
-0,114	0,295	-0,003	0,007	0,159	FALSE
0,081	0,304	0,004	0,013	0,113	FALSE
0,095	0,307	0,002	0,006	0,121	FALSE
-0,074	0,300	-0,003	0,012	0,094	FALSE
0,004	0,304	0,000	0,012	0,003	FALSE
0,032	0,305	0,001	0,011	0,030	FALSE
0,086	0,306	0,004	0,012	0,140	FALSE
0,040	0,305	0,002	0,012	0,068	FALSE
0,129	0,304	0,003	0,006	0,181	FALSE
-0,041	0,319	-0,001	0,007	0,044	FALSE
-0,012	0,299	0,000	0,008	0,018	FALSE
-0,043	0,305	-0,002	0,009	0,086	FALSE
0,140	0,310	0,004	0,010	0,172	FALSE
0,094	0,287	0,003	0,009	0,139	FALSE
0,062	0,318	0,001	0,006	0,044	FALSE
-0,067	0,312	-0,001	0,006	0,062	FALSE
-0,091	0,311	-0,001	0,006	0,088	FALSE
-0,034	0,298	-0,001	0,007	0,051	FALSE
-0,003	0,309	-0,001	0,011	0,024	FALSE
0,076	0,301	0,003	0,011	0,101	FALSE
0,051	0,304	0,003	0,012	0,095	FALSE

0,055	0,308	0,002	0,012	0,076	FALSE
0,124	0,294	0,002	0,006	0,169	FALSE
0,065	0,302	0,003	0,012	0,111	FALSE
-0,020	0,314	-0,001	0,008	0,029	FALSE
-0,028	0,312	-0,001	0,007	0,044	FALSE
-0,022	0,306	-0,001	0,011	0,041	FALSE
0,141	0,303	0,005	0,009	0,242	FALSE
-0,068	0,295	-0,002	0,008	0,094	FALSE
-0,015	0,306	0,000	0,009	0,003	FALSE
0,036	0,295	0,001	0,009	0,036	FALSE
-0,095	0,305	-0,002	0,007	0,141	FALSE
0,049	0,311	0,001	0,009	0,048	FALSE
0,097	0,310	0,003	0,008	0,129	FALSE
-0,008	0,294	0,000	0,006	0,008	FALSE
0,001	0,302	0,000	0,007	0,001	FALSE
-0,066	0,306	-0,002	0,009	0,078	FALSE
-0,013	0,302	-0,001	0,012	0,019	FALSE
0,040	0,304	0,001	0,006	0,046	FALSE
-0,025	0,306	-0,002	0,013	0,044	FALSE
0,047	0,319	0,001	0,007	0,060	FALSE
-0,051	0,320	-0,002	0,013	0,065	FALSE
-0,083	0,291	-0,002	0,007	0,085	FALSE
-0,137	0,303	-0,006	0,012	0,215	FALSE
0,130	0,303	0,005	0,011	0,169	FALSE
0,016	0,303	0,001	0,010	0,021	FALSE
0,000	0,306	0,000	0,010	0,004	FALSE
-0,039	0,300	-0,001	0,010	0,046	FALSE
-0,050	0,303	-0,002	0,011	0,055	FALSE
0,032	0,309	0,001	0,012	0,017	FALSE
-0,060	0,307	-0,002	0,007	0,094	FALSE
-0,008	0,315	0,000	0,013	0,001	FALSE
-0,124	0,306	-0,004	0,008	0,194	FALSE
-0,143	0,297	-0,005	0,009	0,233	FALSE
0,047	0,308	0,002	0,011	0,066	FALSE
0,223	0,282	0,008	0,010	0,375	FALSE
0,057	0,309	0,002	0,011	0,074	FALSE
0,126	0,312	0,003	0,007	0,168	FALSE
0,081	0,307	0,003	0,012	0,094	FALSE
-0,161	0,300	-0,007	0,013	0,248	FALSE
0,222	0,282	0,006	0,007	0,373	FALSE
0,030	0,308	0,001	0,006	0,049	FALSE
-0,008	0,311	0,000	0,006	0,026	FALSE
-0,163	0,301	-0,007	0,012	0,244	FALSE
-0,059	0,311	-0,001	0,007	0,039	FALSE
0,059	0,316	0,002	0,013	0,069	FALSE
-0,026	0,307	-0,002	0,012	0,047	FALSE
0,069	0,305	0,003	0,011	0,091	FALSE
-0,036	0,308	-0,001	0,009	0,053	FALSE
-0,061	0,308	-0,003	0,011	0,101	FALSE
-0,014	0,307	-0,001	0,007	0,047	FALSE
0,046	0,306	0,002	0,012	0,050	FALSE
0,047	0,296	0,002	0,011	0,086	FALSE
0,037	0,316	0,001	0,008	0,045	FALSE

-0,080	0,296	-0,003	0,012	0,112	FALSE
0,116	0,303	0,003	0,008	0,179	FALSE
-0,027	0,306	-0,001	0,011	0,031	FALSE
-0,133	0,305	-0,004	0,008	0,190	FALSE
0,029	0,300	0,001	0,009	0,061	FALSE
0,053	0,305	0,002	0,007	0,092	FALSE
0,049	0,308	0,003	0,013	0,077	FALSE
-0,103	0,298	-0,005	0,011	0,177	FALSE
0,021	0,316	0,001	0,009	0,035	FALSE
0,113	0,310	0,004	0,010	0,178	FALSE
-0,020	0,299	0,000	0,009	0,006	FALSE
0,033	0,312	0,001	0,008	0,059	FALSE
0,057	0,293	0,003	0,011	0,111	FALSE
0,006	0,305	0,000	0,008	0,004	FALSE
0,037	0,302	0,001	0,010	0,042	FALSE
0,065	0,292	0,002	0,010	0,077	FALSE
0,080	0,290	0,002	0,010	0,089	FALSE
0,094	0,295	0,003	0,011	0,118	FALSE
0,066	0,300	0,002	0,010	0,086	FALSE
0,006	0,319	0,000	0,012	0,009	FALSE
0,090	0,304	0,003	0,008	0,116	FALSE
-0,120	0,309	-0,003	0,008	0,137	FALSE
-0,017	0,315	0,000	0,011	0,011	FALSE
0,164	0,301	0,005	0,009	0,237	FALSE
0,174	0,308	0,005	0,010	0,230	FALSE
0,047	0,307	0,001	0,012	0,038	FALSE
0,063	0,314	0,002	0,013	0,065	FALSE
-0,139	0,312	-0,005	0,010	0,222	FALSE
-0,011	0,318	-0,001	0,011	0,035	FALSE
0,162	0,285	0,006	0,009	0,331	FALSE
0,179	0,289	0,006	0,008	0,350	FALSE
-0,022	0,311	-0,001	0,013	0,023	FALSE
-0,067	0,324	-0,002	0,008	0,091	FALSE
0,069	0,303	0,003	0,012	0,100	FALSE
-0,126	0,296	-0,006	0,012	0,210	FALSE
0,019	0,309	0,000	0,011	0,010	FALSE
-0,021	0,321	0,000	0,008	0,012	FALSE
-0,004	0,300	0,000	0,009	0,008	FALSE
0,029	0,308	0,001	0,007	0,067	FALSE
-0,065	0,299	-0,002	0,012	0,069	FALSE
-0,133	0,301	-0,004	0,009	0,189	FALSE
-0,121	0,300	-0,004	0,010	0,152	FALSE
0,020	0,307	0,001	0,008	0,023	FALSE
0,020	0,305	0,000	0,008	0,022	FALSE
-0,024	0,314	0,000	0,008	0,005	FALSE
-0,002	0,318	0,000	0,008	0,021	FALSE
0,029	0,298	0,000	0,007	0,023	FALSE
0,087	0,299	0,002	0,009	0,087	FALSE
0,052	0,322	0,002	0,008	0,084	FALSE
0,135	0,292	0,005	0,012	0,176	FALSE
0,057	0,297	0,001	0,006	0,052	FALSE
-0,020	0,302	-0,001	0,008	0,039	FALSE
0,044	0,306	0,001	0,007	0,035	FALSE

-0,046	0,305	-0,001	0,008	0,049	FALSE
0,114	0,314	0,005	0,012	0,160	FALSE
-0,077	0,307	-0,002	0,010	0,085	FALSE
-0,044	0,309	-0,001	0,010	0,050	FALSE
-0,096	0,307	-0,003	0,011	0,117	FALSE
-0,035	0,307	-0,001	0,011	0,046	FALSE
0,005	0,308	0,000	0,008	0,010	FALSE
-0,012	0,308	0,000	0,008	0,018	FALSE
-0,124	0,313	-0,004	0,008	0,190	FALSE
-0,017	0,313	-0,001	0,011	0,050	FALSE
-0,015	0,310	-0,001	0,010	0,044	FALSE
0,049	0,318	0,001	0,007	0,049	FALSE
-0,087	0,299	-0,002	0,006	0,099	FALSE
-0,066	0,296	-0,001	0,007	0,067	FALSE
-0,035	0,302	-0,002	0,012	0,061	FALSE
-0,049	0,298	-0,002	0,012	0,062	FALSE
0,195	0,297	0,006	0,008	0,340	FALSE
-0,038	0,304	-0,002	0,012	0,055	FALSE
0,133	0,318	0,003	0,009	0,138	FALSE
-0,166	0,306	-0,005	0,009	0,220	FALSE
-0,045	0,311	-0,002	0,012	0,058	FALSE
-0,075	0,310	-0,002	0,007	0,096	FALSE
-0,207	0,309	-0,009	0,013	0,329	FALSE
-0,196	0,296	-0,008	0,012	0,310	FALSE
0,009	0,309	0,000	0,012	0,010	FALSE
-0,006	0,300	0,000	0,007	0,001	FALSE
0,003	0,295	0,000	0,007	0,010	FALSE
-0,011	0,317	-0,001	0,012	0,020	FALSE
-0,025	0,301	-0,001	0,012	0,023	FALSE
0,067	0,301	0,004	0,012	0,146	FALSE
-0,044	0,310	-0,002	0,011	0,067	FALSE
-0,071	0,310	-0,004	0,012	0,125	FALSE
0,115	0,301	0,006	0,012	0,211	FALSE
0,010	0,306	0,001	0,007	0,026	FALSE
-0,068	0,308	-0,001	0,008	0,069	FALSE
0,065	0,311	0,003	0,009	0,111	FALSE
0,089	0,298	0,003	0,007	0,148	FALSE
0,077	0,286	0,003	0,008	0,131	FALSE
0,110	0,305	0,003	0,009	0,114	FALSE
0,092	0,312	0,003	0,009	0,112	FALSE
-0,016	0,296	0,000	0,011	0,008	FALSE
-0,053	0,302	-0,001	0,011	0,028	FALSE
-0,066	0,307	-0,002	0,012	0,055	FALSE
0,056	0,308	0,001	0,011	0,044	FALSE
0,113	0,321	0,003	0,010	0,114	FALSE
0,085	0,306	0,003	0,010	0,116	FALSE
0,008	0,312	0,000	0,007	0,002	FALSE
-0,078	0,304	-0,002	0,011	0,083	FALSE
0,040	0,288	0,000	0,009	0,017	FALSE
0,127	0,291	0,003	0,008	0,158	FALSE
-0,046	0,306	-0,002	0,011	0,063	FALSE
0,014	0,310	0,000	0,009	0,015	FALSE
-0,057	0,311	-0,003	0,013	0,097	FALSE

0,069	0,316	0,003	0,010	0,097	FALSE
0,053	0,310	0,001	0,011	0,042	FALSE
0,047	0,293	0,002	0,012	0,069	FALSE
-0,150	0,314	-0,004	0,008	0,202	FALSE
0,047	0,305	0,001	0,008	0,065	FALSE
-0,112	0,286	-0,002	0,006	0,145	FALSE
0,076	0,314	0,002	0,007	0,131	FALSE
0,032	0,318	0,001	0,007	0,046	FALSE
0,039	0,318	0,001	0,008	0,039	FALSE
0,056	0,304	0,002	0,008	0,073	FALSE
0,210	0,286	0,007	0,009	0,356	FALSE
-0,032	0,316	-0,001	0,012	0,033	FALSE
0,005	0,301	0,001	0,012	0,023	FALSE
-0,029	0,311	-0,002	0,008	0,073	FALSE
-0,018	0,311	-0,002	0,013	0,073	FALSE
-0,044	0,311	-0,001	0,011	0,040	FALSE
-0,111	0,329	-0,002	0,007	0,125	FALSE
0,031	0,307	0,001	0,009	0,033	FALSE
-0,017	0,303	0,000	0,009	0,002	FALSE
-0,018	0,300	-0,001	0,006	0,040	FALSE
-0,076	0,312	-0,003	0,013	0,096	FALSE
0,036	0,294	0,001	0,007	0,074	FALSE
-0,129	0,300	-0,003	0,007	0,169	FALSE
-0,074	0,302	-0,003	0,011	0,095	FALSE
0,045	0,302	0,001	0,011	0,046	FALSE
0,025	0,311	0,001	0,012	0,025	FALSE
0,060	0,315	0,001	0,007	0,053	FALSE
0,040	0,305	0,001	0,008	0,029	FALSE
-0,046	0,311	-0,002	0,011	0,073	FALSE
0,051	0,311	0,003	0,011	0,093	FALSE
0,024	0,297	0,001	0,011	0,039	FALSE
0,031	0,307	0,001	0,012	0,016	FALSE
-0,021	0,321	0,000	0,012	0,008	FALSE
-0,098	0,308	-0,003	0,007	0,146	FALSE
-0,013	0,307	0,000	0,011	0,008	FALSE
-0,031	0,300	-0,001	0,008	0,028	FALSE
-0,097	0,304	-0,002	0,008	0,105	FALSE
-0,050	0,301	-0,003	0,010	0,094	FALSE
0,000	0,313	0,001	0,010	0,024	FALSE
-0,029	0,312	-0,001	0,006	0,060	FALSE
-0,060	0,301	-0,001	0,007	0,037	FALSE
0,042	0,302	0,001	0,012	0,029	FALSE
0,003	0,316	-0,001	0,012	0,018	FALSE
-0,002	0,314	0,000	0,007	0,005	FALSE
0,211	0,286	0,006	0,008	0,347	FALSE
0,036	0,305	0,002	0,011	0,049	FALSE
0,102	0,311	0,003	0,008	0,133	FALSE
0,175	0,290	0,005	0,009	0,273	FALSE
0,038	0,308	0,002	0,007	0,087	FALSE
0,072	0,308	0,002	0,007	0,115	FALSE
0,008	0,295	0,000	0,007	0,020	FALSE
-0,075	0,315	-0,002	0,007	0,086	FALSE
-0,045	0,313	-0,002	0,008	0,075	FALSE

-0,077	0,303	-0,002	0,008	0,126	FALSE
-0,001	0,312	0,000	0,009	0,006	FALSE
-0,127	0,313	-0,004	0,010	0,171	FALSE
0,003	0,309	0,001	0,012	0,016	FALSE
0,091	0,301	0,002	0,006	0,117	FALSE
-0,100	0,315	-0,002	0,007	0,120	FALSE
-0,015	0,308	-0,001	0,009	0,021	FALSE
-0,051	0,306	-0,002	0,010	0,070	FALSE
-0,064	0,302	-0,002	0,010	0,084	FALSE
0,038	0,304	0,002	0,012	0,064	FALSE
-0,111	0,308	-0,003	0,008	0,156	FALSE
-0,060	0,301	-0,001	0,008	0,062	FALSE
-0,042	0,305	-0,001	0,008	0,056	FALSE
0,102	0,296	0,004	0,011	0,131	FALSE
0,097	0,290	0,003	0,011	0,117	FALSE
0,006	0,296	0,000	0,011	0,011	FALSE
0,000	0,319	0,000	0,007	0,025	FALSE
0,019	0,301	0,001	0,009	0,043	FALSE
-0,066	0,306	-0,001	0,007	0,071	FALSE
0,029	0,305	0,000	0,006	0,002	FALSE
-0,083	0,310	-0,003	0,008	0,116	FALSE
-0,087	0,313	-0,002	0,009	0,112	FALSE
-0,044	0,300	-0,001	0,007	0,037	FALSE
-0,116	0,310	-0,005	0,013	0,174	FALSE
0,082	0,301	0,002	0,009	0,088	FALSE
-0,063	0,298	-0,001	0,007	0,064	FALSE
0,036	0,312	0,001	0,008	0,064	FALSE
0,073	0,314	0,003	0,012	0,114	FALSE
-0,066	0,303	-0,003	0,011	0,103	FALSE
0,082	0,316	0,002	0,008	0,103	FALSE
0,005	0,300	0,000	0,006	0,012	FALSE
-0,011	0,292	-0,001	0,006	0,031	FALSE
0,077	0,297	0,002	0,008	0,114	FALSE
0,008	0,319	0,001	0,010	0,031	FALSE
-0,003	0,310	-0,001	0,007	0,030	FALSE
-0,069	0,302	-0,002	0,007	0,123	FALSE
-0,133	0,310	-0,003	0,008	0,159	FALSE
-0,109	0,309	-0,003	0,007	0,196	FALSE
0,086	0,307	0,003	0,008	0,123	FALSE
-0,122	0,307	-0,003	0,007	0,193	FALSE
0,011	0,286	0,000	0,006	0,014	FALSE
0,023	0,309	0,001	0,010	0,055	FALSE
-0,137	0,307	-0,004	0,008	0,193	FALSE
0,038	0,300	0,001	0,007	0,052	FALSE
-0,035	0,294	-0,001	0,009	0,029	FALSE
0,092	0,301	0,004	0,012	0,119	FALSE
-0,029	0,304	-0,001	0,012	0,039	FALSE
0,104	0,307	0,004	0,012	0,127	FALSE
0,083	0,301	0,004	0,012	0,120	FALSE
0,126	0,302	0,005	0,012	0,158	FALSE
0,002	0,294	0,000	0,006	0,002	FALSE
0,013	0,321	0,001	0,010	0,024	FALSE
-0,010	0,316	0,000	0,006	0,019	FALSE

-0,075	0,300	-0,001	0,008	0,050	FALSE
0,015	0,311	0,000	0,010	0,017	FALSE
-0,003	0,303	0,000	0,008	0,012	FALSE
0,010	0,310	0,000	0,008	0,003	FALSE
-0,180	0,305	-0,007	0,011	0,273	FALSE
0,045	0,305	0,001	0,007	0,072	FALSE
0,208	0,314	0,008	0,012	0,306	FALSE
-0,091	0,310	-0,004	0,012	0,121	FALSE
-0,063	0,312	-0,002	0,008	0,067	FALSE
0,000	0,300	0,000	0,009	0,003	FALSE
0,051	0,307	0,002	0,009	0,077	FALSE
0,000	0,318	0,000	0,007	0,004	FALSE
-0,070	0,308	-0,002	0,007	0,108	FALSE
-0,033	0,319	-0,001	0,007	0,069	FALSE
0,118	0,304	0,003	0,008	0,146	FALSE
0,113	0,310	0,003	0,008	0,120	FALSE
-0,082	0,313	-0,002	0,008	0,090	FALSE
-0,116	0,302	-0,006	0,012	0,187	FALSE
-0,191	0,298	-0,008	0,011	0,314	FALSE
0,023	0,309	0,000	0,008	0,018	FALSE
-0,025	0,320	0,000	0,008	0,006	FALSE
0,022	0,316	0,000	0,007	0,024	FALSE
-0,053	0,299	-0,002	0,008	0,075	FALSE
0,001	0,293	0,000	0,008	0,002	FALSE
-0,041	0,305	0,000	0,012	0,009	FALSE
-0,025	0,306	0,000	0,010	0,004	FALSE
-0,046	0,322	-0,001	0,007	0,052	FALSE
-0,017	0,311	0,000	0,010	0,001	FALSE
-0,131	0,306	-0,004	0,010	0,185	FALSE
-0,110	0,312	-0,003	0,009	0,136	FALSE
0,045	0,300	0,002	0,008	0,085	FALSE
-0,067	0,308	-0,002	0,008	0,078	FALSE
0,130	0,303	0,004	0,007	0,207	FALSE
-0,073	0,307	-0,003	0,008	0,119	FALSE
-0,062	0,315	-0,001	0,007	0,058	FALSE
0,035	0,318	0,002	0,012	0,044	FALSE
-0,056	0,313	-0,001	0,007	0,050	FALSE
0,000	0,322	-0,001	0,013	0,024	FALSE
-0,061	0,314	-0,003	0,012	0,096	FALSE
-0,071	0,314	-0,002	0,010	0,088	FALSE
-0,010	0,322	-0,001	0,013	0,020	FALSE
0,055	0,314	0,002	0,011	0,054	FALSE
-0,059	0,301	-0,001	0,007	0,060	FALSE
0,032	0,315	0,001	0,009	0,026	FALSE
0,007	0,301	0,000	0,006	0,020	FALSE
-0,010	0,305	0,000	0,008	0,002	FALSE
0,034	0,314	0,000	0,012	0,013	FALSE
-0,106	0,307	-0,003	0,009	0,150	FALSE
-0,075	0,302	-0,001	0,006	0,066	FALSE
0,082	0,294	0,002	0,008	0,129	FALSE
0,033	0,298	0,000	0,012	0,012	FALSE
0,048	0,288	0,003	0,009	0,110	FALSE
-0,060	0,321	-0,003	0,013	0,097	FALSE

-0,079	0,313	-0,001	0,007	0,054	FALSE
-0,133	0,289	-0,005	0,011	0,186	FALSE
-0,056	0,312	-0,003	0,012	0,091	FALSE
-0,031	0,299	-0,002	0,012	0,065	FALSE
-0,044	0,304	-0,001	0,009	0,036	FALSE
0,014	0,304	0,000	0,010	0,008	FALSE
0,077	0,307	0,002	0,007	0,121	FALSE
0,049	0,309	0,002	0,007	0,084	FALSE
-0,139	0,295	-0,006	0,011	0,209	FALSE
-0,072	0,297	-0,002	0,009	0,066	FALSE
-0,042	0,313	-0,001	0,012	0,038	FALSE
0,018	0,312	0,000	0,009	0,015	FALSE
0,094	0,302	0,002	0,006	0,117	FALSE
0,091	0,301	0,002	0,007	0,116	FALSE
-0,025	0,306	-0,001	0,012	0,033	FALSE
0,025	0,307	0,002	0,012	0,065	FALSE
-0,061	0,304	-0,002	0,008	0,073	FALSE
-0,028	0,310	0,000	0,007	0,004	FALSE
-0,055	0,319	-0,001	0,008	0,057	FALSE
0,028	0,307	0,000	0,009	0,015	FALSE
-0,088	0,295	-0,001	0,006	0,078	FALSE
0,011	0,296	0,000	0,008	0,003	FALSE
0,029	0,310	0,000	0,009	0,018	FALSE
0,101	0,303	0,004	0,012	0,132	FALSE
0,074	0,312	0,003	0,012	0,082	FALSE
0,024	0,328	0,001	0,011	0,039	FALSE
0,095	0,308	0,004	0,012	0,119	FALSE
-0,077	0,307	-0,001	0,006	0,070	FALSE
0,053	0,301	0,002	0,012	0,065	FALSE
-0,048	0,318	-0,001	0,008	0,066	FALSE
-0,052	0,302	-0,001	0,010	0,026	FALSE
-0,039	0,301	-0,001	0,011	0,018	FALSE
-0,032	0,308	0,000	0,011	0,007	FALSE
-0,054	0,310	-0,001	0,011	0,040	FALSE
-0,087	0,308	-0,002	0,011	0,076	FALSE
0,017	0,315	-0,001	0,011	0,019	FALSE
-0,155	0,314	-0,006	0,011	0,203	FALSE
-0,081	0,315	-0,003	0,008	0,126	FALSE
-0,091	0,311	-0,002	0,006	0,129	FALSE
-0,055	0,299	-0,002	0,010	0,066	FALSE
0,022	0,304	0,001	0,008	0,025	FALSE
-0,079	0,291	-0,002	0,007	0,106	FALSE
0,159	0,298	0,005	0,009	0,261	FALSE
0,000	0,329	0,000	0,009	0,003	FALSE
-0,140	0,301	-0,003	0,007	0,195	FALSE
0,078	0,301	0,003	0,012	0,100	FALSE
0,051	0,305	0,001	0,007	0,065	FALSE
0,156	0,293	0,004	0,007	0,231	FALSE
0,103	0,312	0,003	0,009	0,144	FALSE
0,023	0,302	0,000	0,009	0,007	FALSE
0,023	0,295	0,000	0,008	0,001	FALSE
0,039	0,305	0,001	0,011	0,031	FALSE
0,035	0,311	0,001	0,010	0,033	FALSE

0,088	0,297	0,002	0,007	0,119	FALSE
0,104	0,311	0,002	0,008	0,096	FALSE
0,040	0,312	0,001	0,008	0,034	FALSE
-0,059	0,305	-0,002	0,012	0,073	FALSE
0,150	0,300	0,004	0,008	0,217	FALSE
0,145	0,300	0,004	0,007	0,206	FALSE
0,076	0,310	0,001	0,007	0,060	FALSE
0,075	0,308	0,002	0,009	0,090	FALSE
-0,119	0,305	-0,004	0,010	0,170	FALSE
0,092	0,312	0,003	0,010	0,102	FALSE
-0,121	0,305	-0,005	0,011	0,188	FALSE
0,083	0,302	0,001	0,006	0,078	FALSE
0,032	0,300	0,001	0,007	0,069	FALSE
0,089	0,316	0,003	0,009	0,120	FALSE
-0,001	0,309	-0,001	0,011	0,018	FALSE
0,000	0,308	0,000	0,008	0,002	FALSE
0,067	0,296	0,002	0,009	0,070	FALSE
0,017	0,318	0,000	0,012	0,008	FALSE
-0,044	0,297	-0,002	0,012	0,066	FALSE
-0,005	0,313	0,000	0,012	0,014	FALSE
0,055	0,308	0,001	0,007	0,081	FALSE
0,015	0,300	0,000	0,012	0,011	FALSE
-0,030	0,311	0,000	0,007	0,005	FALSE
-0,091	0,303	-0,002	0,007	0,108	FALSE
-0,041	0,299	-0,001	0,006	0,071	FALSE
0,066	0,304	0,003	0,012	0,104	FALSE
0,077	0,310	0,003	0,012	0,100	FALSE
0,037	0,310	0,002	0,011	0,054	FALSE
0,088	0,288	0,002	0,009	0,072	FALSE
-0,111	0,309	-0,003	0,008	0,118	FALSE
-0,085	0,307	-0,002	0,007	0,078	FALSE
-0,056	0,304	-0,002	0,011	0,075	FALSE
-0,014	0,304	0,000	0,012	0,001	FALSE
-0,111	0,311	-0,002	0,008	0,120	FALSE
-0,059	0,296	-0,003	0,010	0,125	FALSE
-0,109	0,314	-0,004	0,008	0,178	FALSE
-0,129	0,311	-0,004	0,008	0,199	FALSE
0,197	0,299	0,004	0,006	0,302	FALSE
-0,041	0,314	-0,002	0,011	0,069	FALSE
0,027	0,324	0,000	0,009	0,003	FALSE
0,046	0,304	0,001	0,007	0,029	FALSE
0,080	0,308	0,001	0,007	0,060	FALSE
0,011	0,301	0,001	0,010	0,033	FALSE
0,037	0,307	0,001	0,013	0,035	FALSE
0,061	0,299	0,001	0,006	0,043	FALSE
0,051	0,301	0,002	0,013	0,064	FALSE
-0,010	0,309	-0,001	0,009	0,024	FALSE
0,084	0,281	0,002	0,009	0,083	FALSE
0,036	0,302	0,002	0,010	0,060	FALSE
0,056	0,306	0,002	0,010	0,079	FALSE
-0,048	0,308	-0,002	0,012	0,045	FALSE
-0,083	0,317	-0,003	0,013	0,083	FALSE
-0,019	0,307	0,000	0,007	0,024	FALSE

-0,065	0,311	-0,003	0,012	0,091	FALSE
-0,065	0,309	-0,002	0,008	0,091	FALSE
-0,093	0,310	-0,003	0,011	0,107	FALSE
0,060	0,313	0,002	0,011	0,054	FALSE
0,088	0,305	0,003	0,011	0,100	FALSE
-0,097	0,309	-0,003	0,011	0,114	FALSE
0,013	0,294	0,000	0,008	0,006	FALSE
-0,089	0,306	-0,002	0,007	0,127	FALSE
-0,111	0,312	-0,003	0,008	0,141	FALSE
-0,042	0,304	-0,001	0,010	0,055	FALSE
-0,033	0,318	-0,001	0,010	0,039	FALSE
0,180	0,286	0,007	0,011	0,281	FALSE
-0,120	0,316	-0,003	0,007	0,140	FALSE
-0,197	0,290	-0,007	0,011	0,294	FALSE
-0,113	0,307	-0,004	0,011	0,142	FALSE
-0,128	0,298	-0,004	0,011	0,151	FALSE
-0,026	0,315	-0,001	0,009	0,034	FALSE
-0,029	0,306	0,000	0,006	0,009	FALSE
0,020	0,312	0,001	0,009	0,022	FALSE
-0,042	0,296	0,000	0,008	0,011	FALSE
-0,061	0,295	-0,002	0,007	0,095	FALSE
-0,059	0,295	-0,002	0,009	0,094	FALSE
-0,027	0,308	-0,001	0,008	0,042	FALSE
-0,028	0,299	-0,001	0,009	0,038	FALSE
-0,045	0,310	-0,001	0,007	0,039	FALSE
-0,053	0,292	-0,004	0,011	0,131	FALSE
-0,060	0,298	-0,001	0,006	0,031	FALSE
0,163	0,307	0,006	0,012	0,227	FALSE
0,090	0,304	0,004	0,010	0,146	FALSE
-0,196	0,296	-0,005	0,009	0,266	FALSE
-0,114	0,306	-0,004	0,012	0,115	FALSE
0,097	0,296	0,003	0,008	0,125	FALSE
-0,044	0,329	-0,002	0,012	0,046	FALSE
-0,012	0,306	0,000	0,008	0,023	FALSE
0,154	0,290	0,004	0,008	0,193	FALSE
0,185	0,292	0,005	0,008	0,288	FALSE
0,037	0,312	0,001	0,012	0,046	FALSE
-0,072	0,314	-0,003	0,012	0,082	FALSE
0,086	0,302	0,002	0,008	0,124	FALSE
0,064	0,307	0,003	0,012	0,100	FALSE
-0,050	0,307	-0,001	0,008	0,057	FALSE
-0,083	0,307	-0,002	0,007	0,113	FALSE
-0,018	0,306	0,000	0,007	0,014	FALSE
0,063	0,299	0,001	0,009	0,055	FALSE
0,098	0,298	0,004	0,011	0,138	FALSE
0,015	0,300	0,000	0,009	0,007	FALSE
0,061	0,294	0,002	0,009	0,064	FALSE
0,091	0,305	0,004	0,012	0,124	FALSE
-0,088	0,298	-0,003	0,011	0,123	FALSE
-0,025	0,307	-0,001	0,007	0,032	FALSE
0,023	0,318	0,001	0,007	0,041	FALSE
-0,011	0,314	-0,001	0,008	0,033	FALSE
-0,026	0,314	-0,001	0,012	0,028	FALSE

-0,024	0,325	-0,001	0,008	0,024	FALSE
-0,143	0,312	-0,005	0,010	0,210	FALSE
0,238	0,290	0,005	0,007	0,351	FALSE
0,031	0,317	0,001	0,012	0,042	FALSE
-0,116	0,299	-0,003	0,008	0,162	FALSE
-0,094	0,308	-0,003	0,010	0,125	FALSE
0,013	0,310	0,000	0,007	0,009	FALSE
0,085	0,308	0,003	0,009	0,141	FALSE
-0,035	0,304	-0,001	0,011	0,037	FALSE
-0,015	0,299	0,000	0,006	0,017	FALSE
-0,034	0,301	-0,001	0,007	0,048	FALSE
0,042	0,307	0,000	0,008	0,016	FALSE
-0,010	0,306	-0,001	0,012	0,038	FALSE
0,038	0,316	0,001	0,011	0,041	FALSE
0,093	0,324	0,003	0,009	0,137	FALSE
-0,143	0,313	-0,005	0,011	0,193	FALSE
0,123	0,294	0,005	0,012	0,182	FALSE
0,195	0,292	0,008	0,011	0,329	FALSE
0,000	0,300	-0,001	0,010	0,022	FALSE
-0,005	0,296	0,001	0,009	0,032	FALSE
0,074	0,307	0,002	0,011	0,070	FALSE
0,069	0,293	0,001	0,008	0,068	FALSE
-0,030	0,310	0,000	0,007	0,011	FALSE
-0,023	0,307	0,000	0,007	0,012	FALSE
0,090	0,313	0,003	0,009	0,138	FALSE
-0,094	0,316	-0,002	0,007	0,117	FALSE
-0,001	0,282	0,000	0,006	0,026	FALSE
-0,023	0,302	0,000	0,007	0,007	FALSE
-0,063	0,301	-0,001	0,006	0,056	FALSE
-0,093	0,323	-0,004	0,011	0,140	FALSE
0,081	0,304	0,002	0,007	0,108	FALSE
-0,062	0,315	-0,001	0,008	0,058	FALSE
0,013	0,296	0,000	0,006	0,002	FALSE
-0,006	0,325	0,000	0,009	0,017	FALSE
0,039	0,308	0,002	0,012	0,063	FALSE
0,031	0,296	0,001	0,012	0,044	FALSE
0,001	0,318	0,000	0,012	0,009	FALSE
0,052	0,305	0,001	0,008	0,062	FALSE
0,013	0,296	0,000	0,007	0,002	FALSE
0,052	0,311	0,002	0,012	0,077	FALSE
0,028	0,311	0,002	0,012	0,049	FALSE
-0,049	0,318	-0,002	0,007	0,092	FALSE
0,119	0,299	0,005	0,011	0,199	FALSE
-0,158	0,300	-0,003	0,007	0,192	FALSE
0,147	0,302	0,004	0,007	0,253	FALSE
-0,061	0,314	-0,002	0,009	0,060	FALSE
-0,073	0,312	-0,003	0,011	0,101	FALSE
0,046	0,301	0,001	0,006	0,077	FALSE
-0,059	0,314	-0,002	0,012	0,074	FALSE
-0,019	0,300	-0,001	0,010	0,021	FALSE
0,031	0,301	0,001	0,011	0,038	FALSE
-0,168	0,305	-0,008	0,012	0,305	FALSE
0,243	0,282	0,006	0,007	0,446	FALSE

-0,177	0,292	-0,007	0,010	0,319	FALSE
-0,053	0,309	-0,002	0,009	0,085	FALSE
-0,037	0,310	-0,001	0,010	0,031	FALSE
-0,028	0,310	0,000	0,012	0,002	FALSE
-0,029	0,307	-0,001	0,013	0,015	FALSE
0,066	0,319	0,003	0,010	0,102	FALSE
-0,005	0,300	0,001	0,009	0,027	FALSE
0,072	0,302	0,001	0,007	0,076	FALSE
0,039	0,300	0,001	0,009	0,047	FALSE
0,056	0,325	0,002	0,013	0,064	FALSE
0,048	0,306	0,001	0,012	0,041	FALSE
-0,073	0,311	-0,004	0,010	0,153	FALSE
0,083	0,299	0,003	0,012	0,084	FALSE
0,028	0,300	0,002	0,010	0,077	FALSE
0,100	0,298	0,004	0,009	0,180	FALSE
0,029	0,299	0,001	0,012	0,037	FALSE
0,012	0,308	0,001	0,006	0,032	FALSE
0,037	0,323	0,001	0,008	0,035	FALSE
-0,015	0,325	0,000	0,008	0,015	FALSE
0,045	0,313	0,001	0,007	0,060	FALSE
-0,006	0,310	0,000	0,013	0,002	FALSE
-0,081	0,315	-0,002	0,008	0,096	FALSE
-0,099	0,315	-0,002	0,008	0,109	FALSE
0,022	0,307	0,001	0,011	0,027	FALSE
-0,129	0,301	-0,004	0,009	0,190	FALSE
-0,033	0,312	-0,001	0,006	0,061	FALSE
-0,019	0,310	-0,001	0,007	0,074	FALSE
-0,068	0,294	-0,002	0,006	0,106	FALSE
-0,038	0,302	-0,001	0,011	0,021	FALSE
-0,060	0,312	-0,002	0,007	0,112	FALSE
-0,118	0,312	-0,004	0,009	0,153	FALSE
-0,020	0,308	-0,001	0,010	0,050	FALSE
-0,016	0,315	0,000	0,012	0,001	FALSE
-0,022	0,284	-0,001	0,011	0,026	FALSE
-0,056	0,303	-0,002	0,009	0,082	FALSE
0,091	0,304	0,004	0,011	0,137	FALSE
0,070	0,308	0,002	0,009	0,089	FALSE
0,023	0,309	0,001	0,013	0,030	FALSE
-0,006	0,311	-0,001	0,008	0,036	FALSE
-0,030	0,319	-0,001	0,007	0,043	FALSE
-0,064	0,303	-0,002	0,007	0,107	FALSE
-0,085	0,303	-0,003	0,009	0,132	FALSE
0,038	0,312	0,001	0,007	0,060	FALSE
0,044	0,311	0,001	0,008	0,072	FALSE
-0,121	0,309	-0,004	0,009	0,161	FALSE
0,069	0,298	0,003	0,012	0,101	FALSE
-0,063	0,305	-0,001	0,007	0,074	FALSE
0,031	0,311	0,002	0,011	0,054	FALSE
0,028	0,296	0,001	0,012	0,038	FALSE
-0,078	0,312	-0,002	0,007	0,083	FALSE
0,151	0,294	0,003	0,006	0,203	FALSE
0,089	0,304	0,003	0,008	0,133	FALSE
-0,045	0,294	-0,001	0,009	0,062	FALSE

-0,066	0,313	-0,002	0,010	0,075	FALSE
-0,050	0,296	-0,003	0,011	0,089	FALSE
-0,042	0,304	-0,001	0,009	0,047	FALSE
0,102	0,310	0,004	0,010	0,154	FALSE
0,139	0,298	0,006	0,012	0,209	FALSE
-0,064	0,302	-0,002	0,012	0,069	FALSE
-0,118	0,296	-0,005	0,012	0,159	FALSE
0,100	0,306	0,002	0,008	0,100	FALSE
0,030	0,300	0,000	0,013	0,007	FALSE
-0,064	0,315	-0,002	0,011	0,076	FALSE
-0,020	0,306	-0,001	0,009	0,046	FALSE
-0,082	0,306	-0,002	0,009	0,085	FALSE
-0,037	0,310	-0,001	0,007	0,056	FALSE
-0,054	0,318	-0,001	0,006	0,071	FALSE
0,157	0,306	0,005	0,009	0,255	FALSE
0,065	0,288	0,002	0,008	0,082	FALSE
0,073	0,291	0,002	0,008	0,100	FALSE
0,035	0,313	0,002	0,010	0,060	FALSE
0,106	0,314	0,004	0,011	0,157	FALSE
-0,034	0,311	-0,001	0,011	0,046	FALSE
-0,027	0,304	0,000	0,008	0,021	FALSE
-0,004	0,292	0,000	0,006	0,017	FALSE
-0,057	0,307	-0,002	0,008	0,090	FALSE
0,018	0,311	0,001	0,007	0,033	FALSE
-0,034	0,297	-0,001	0,012	0,043	FALSE
-0,085	0,299	-0,003	0,010	0,117	FALSE
0,024	0,301	0,001	0,007	0,057	FALSE
-0,095	0,303	-0,005	0,012	0,185	FALSE
0,015	0,314	0,000	0,013	0,005	FALSE
0,058	0,308	0,001	0,006	0,082	FALSE
-0,073	0,325	-0,004	0,011	0,133	FALSE
0,038	0,312	0,001	0,008	0,060	FALSE
0,019	0,294	0,001	0,006	0,059	FALSE
-0,121	0,306	-0,005	0,011	0,166	FALSE
0,039	0,320	0,001	0,006	0,032	FALSE
-0,079	0,307	-0,002	0,008	0,086	FALSE
0,016	0,301	0,001	0,006	0,035	FALSE
-0,033	0,310	-0,001	0,009	0,036	FALSE
-0,044	0,295	-0,001	0,008	0,046	FALSE
-0,028	0,294	-0,001	0,009	0,024	FALSE
-0,091	0,313	-0,002	0,007	0,090	FALSE
0,017	0,317	0,000	0,007	0,012	FALSE
-0,039	0,302	-0,001	0,006	0,047	FALSE
0,047	0,302	0,001	0,006	0,051	FALSE
0,045	0,309	0,002	0,009	0,072	FALSE
-0,067	0,313	-0,003	0,010	0,109	FALSE
-0,026	0,283	-0,001	0,009	0,044	FALSE
-0,027	0,323	-0,001	0,007	0,035	FALSE
-0,095	0,320	-0,004	0,012	0,134	FALSE
0,011	0,306	0,000	0,012	0,002	FALSE
0,019	0,311	0,001	0,010	0,037	FALSE
0,002	0,302	0,000	0,007	0,011	FALSE
-0,023	0,305	-0,001	0,009	0,045	FALSE

0,113	0,291	0,004	0,009	0,168	FALSE
0,092	0,316	0,002	0,006	0,124	FALSE
0,021	0,313	0,001	0,012	0,044	FALSE
0,022	0,314	0,000	0,009	0,017	FALSE
-0,040	0,303	-0,002	0,006	0,096	FALSE
-0,039	0,303	-0,002	0,010	0,065	FALSE
-0,014	0,321	-0,001	0,012	0,026	FALSE
0,053	0,302	0,002	0,010	0,072	FALSE
-0,069	0,327	-0,003	0,010	0,095	FALSE
-0,154	0,295	-0,004	0,010	0,171	FALSE
0,070	0,300	0,002	0,007	0,103	FALSE
0,082	0,308	0,002	0,007	0,088	FALSE
-0,027	0,307	-0,001	0,010	0,052	FALSE
0,154	0,316	0,005	0,010	0,210	FALSE
0,078	0,288	0,002	0,007	0,129	FALSE
0,080	0,300	0,002	0,008	0,097	FALSE
0,050	0,304	0,001	0,007	0,085	FALSE
0,144	0,301	0,004	0,008	0,212	FALSE
0,125	0,307	0,006	0,013	0,180	FALSE
0,037	0,316	0,002	0,012	0,050	FALSE
-0,039	0,308	-0,001	0,010	0,026	FALSE
0,054	0,313	0,001	0,008	0,059	FALSE
0,007	0,316	0,000	0,007	0,018	FALSE
0,007	0,297	0,000	0,007	0,021	FALSE
0,009	0,315	0,000	0,008	0,013	FALSE
-0,071	0,309	-0,002	0,008	0,098	FALSE
0,058	0,309	0,001	0,008	0,035	FALSE
-0,103	0,306	-0,002	0,007	0,131	FALSE
0,000	0,296	0,000	0,008	0,003	FALSE
0,119	0,296	0,004	0,009	0,169	FALSE
-0,127	0,306	-0,004	0,012	0,155	FALSE
0,014	0,315	0,001	0,012	0,021	FALSE
-0,003	0,314	0,000	0,010	0,017	FALSE
0,024	0,290	0,001	0,007	0,032	FALSE
0,004	0,306	0,000	0,012	0,005	FALSE
0,056	0,315	0,002	0,009	0,093	FALSE
-0,052	0,318	-0,001	0,007	0,063	FALSE
-0,035	0,307	-0,001	0,007	0,044	FALSE
-0,002	0,300	0,000	0,007	0,010	FALSE
-0,023	0,295	-0,001	0,007	0,034	FALSE
0,015	0,310	0,000	0,006	0,020	FALSE
0,037	0,309	0,001	0,007	0,051	FALSE
-0,073	0,300	-0,003	0,012	0,088	FALSE
-0,093	0,317	-0,004	0,013	0,112	FALSE
-0,027	0,312	-0,001	0,010	0,030	FALSE
-0,122	0,292	-0,004	0,008	0,209	FALSE
-0,027	0,293	0,000	0,006	0,019	FALSE
0,165	0,315	0,005	0,009	0,260	FALSE
0,097	0,316	0,003	0,010	0,130	FALSE
0,175	0,294	0,005	0,008	0,263	FALSE
0,160	0,304	0,003	0,006	0,226	FALSE
0,017	0,313	0,000	0,008	0,009	FALSE
-0,036	0,314	-0,001	0,011	0,031	FALSE

0,096	0,311	0,004	0,011	0,124	FALSE
-0,054	0,305	-0,001	0,007	0,079	FALSE
0,038	0,304	0,001	0,012	0,039	FALSE
0,030	0,286	0,001	0,008	0,038	FALSE
0,046	0,304	0,001	0,009	0,048	FALSE
-0,102	0,317	-0,002	0,007	0,104	FALSE
-0,124	0,299	-0,005	0,010	0,199	FALSE
0,079	0,311	0,002	0,009	0,076	FALSE
-0,107	0,299	-0,004	0,009	0,168	FALSE
-0,055	0,311	-0,001	0,007	0,065	FALSE
0,044	0,309	0,001	0,008	0,060	FALSE
0,026	0,297	0,001	0,009	0,028	FALSE
-0,008	0,315	0,000	0,007	0,025	FALSE
0,046	0,307	0,002	0,010	0,059	FALSE
-0,021	0,301	-0,001	0,010	0,018	FALSE
-0,111	0,306	-0,005	0,011	0,177	FALSE
0,073	0,308	0,002	0,008	0,079	FALSE
0,003	0,323	0,000	0,007	0,004	FALSE
-0,053	0,324	-0,002	0,008	0,089	FALSE
0,119	0,286	0,003	0,007	0,182	FALSE
0,003	0,312	0,000	0,011	0,005	FALSE
0,013	0,295	0,000	0,008	0,009	FALSE
-0,011	0,305	0,000	0,011	0,015	FALSE
0,009	0,318	0,000	0,007	0,010	FALSE
-0,110	0,300	-0,006	0,011	0,218	FALSE
-0,017	0,312	-0,001	0,007	0,041	FALSE
-0,067	0,302	-0,001	0,007	0,062	FALSE
-0,076	0,303	-0,005	0,012	0,169	FALSE
0,013	0,304	-0,001	0,012	0,036	FALSE
-0,002	0,310	-0,002	0,013	0,045	FALSE
0,182	0,299	0,006	0,010	0,250	FALSE
-0,004	0,303	0,000	0,007	0,009	FALSE
0,062	0,298	0,001	0,007	0,069	FALSE
0,119	0,308	0,005	0,012	0,171	FALSE
0,043	0,320	0,002	0,012	0,061	FALSE
-0,021	0,315	0,000	0,008	0,010	FALSE
0,117	0,303	0,003	0,009	0,142	FALSE
-0,098	0,301	-0,004	0,009	0,156	FALSE
0,053	0,301	0,003	0,013	0,105	FALSE
0,047	0,296	0,003	0,012	0,081	FALSE
0,029	0,301	0,002	0,009	0,067	FALSE
0,017	0,309	0,001	0,011	0,018	FALSE
0,062	0,313	0,002	0,010	0,089	FALSE
0,153	0,313	0,007	0,013	0,212	FALSE
-0,023	0,300	0,000	0,006	0,009	FALSE
0,109	0,317	0,003	0,009	0,131	FALSE
-0,044	0,303	-0,001	0,007	0,034	FALSE
0,030	0,316	0,001	0,009	0,033	FALSE
0,111	0,302	0,005	0,012	0,175	FALSE
0,024	0,318	0,000	0,011	0,015	FALSE
-0,086	0,304	-0,001	0,006	0,079	FALSE
0,099	0,302	0,004	0,012	0,121	FALSE
0,068	0,300	0,002	0,012	0,074	FALSE

-0,054	0,321	-0,001	0,007	0,052	FALSE
0,140	0,289	0,004	0,007	0,231	FALSE
0,215	0,291	0,008	0,010	0,395	FALSE
-0,105	0,301	-0,006	0,013	0,185	FALSE
0,238	0,296	0,010	0,012	0,407	FALSE
-0,099	0,318	-0,006	0,013	0,178	FALSE
-0,041	0,292	-0,001	0,006	0,064	FALSE
0,011	0,321	0,001	0,013	0,025	FALSE
-0,109	0,309	-0,003	0,008	0,119	FALSE
-0,136	0,315	-0,004	0,009	0,175	FALSE
-0,080	0,315	-0,002	0,008	0,083	FALSE
0,067	0,306	0,001	0,006	0,078	FALSE
0,015	0,301	0,000	0,007	0,007	FALSE
-0,075	0,303	-0,003	0,012	0,087	FALSE
-0,046	0,309	-0,001	0,011	0,017	FALSE
0,088	0,304	0,002	0,008	0,121	FALSE
-0,009	0,298	0,000	0,011	0,003	FALSE
0,058	0,305	0,002	0,008	0,077	FALSE
0,064	0,306	0,002	0,009	0,085	FALSE
-0,062	0,309	-0,002	0,012	0,055	FALSE
-0,144	0,312	-0,003	0,007	0,194	FALSE
-0,168	0,297	-0,007	0,013	0,241	FALSE
-0,154	0,302	-0,007	0,012	0,226	FALSE
0,010	0,313	0,001	0,007	0,031	FALSE
-0,162	0,297	-0,008	0,013	0,251	FALSE
-0,047	0,305	-0,002	0,009	0,071	FALSE
-0,040	0,308	0,000	0,007	0,016	FALSE
-0,071	0,308	-0,004	0,012	0,116	FALSE
0,034	0,304	0,001	0,010	0,040	FALSE
-0,023	0,319	-0,001	0,009	0,027	FALSE
0,158	0,303	0,007	0,013	0,227	FALSE
0,046	0,312	0,001	0,007	0,044	FALSE
0,001	0,293	0,000	0,006	0,003	FALSE
0,052	0,296	0,001	0,010	0,022	FALSE
-0,057	0,302	-0,002	0,011	0,058	FALSE
0,044	0,303	0,001	0,009	0,053	FALSE
0,051	0,311	0,001	0,010	0,022	FALSE
0,044	0,308	0,001	0,008	0,058	FALSE
-0,051	0,306	-0,001	0,007	0,054	FALSE
-0,172	0,305	-0,004	0,006	0,234	FALSE
0,005	0,310	0,000	0,010	0,016	FALSE
0,156	0,307	0,004	0,009	0,182	FALSE
-0,110	0,306	-0,004	0,010	0,170	FALSE
-0,007	0,295	-0,001	0,010	0,033	FALSE
0,043	0,307	0,002	0,010	0,060	FALSE
-0,040	0,313	-0,001	0,012	0,043	FALSE
0,058	0,313	0,001	0,010	0,022	FALSE
-0,097	0,299	-0,003	0,011	0,126	FALSE
0,051	0,314	0,001	0,007	0,069	FALSE
0,028	0,313	0,001	0,007	0,046	FALSE
0,042	0,295	0,001	0,006	0,060	FALSE
-0,028	0,320	0,000	0,007	0,002	FALSE
0,057	0,311	0,002	0,009	0,064	FALSE

0,091	0,305	0,002	0,006	0,138	FALSE
-0,004	0,307	0,000	0,009	0,008	FALSE
-0,049	0,301	-0,001	0,008	0,044	FALSE
-0,145	0,302	-0,004	0,010	0,187	FALSE
0,004	0,316	0,000	0,006	0,008	FALSE
0,043	0,304	0,000	0,012	0,013	FALSE
0,037	0,314	0,002	0,011	0,053	FALSE
-0,216	0,299	-0,004	0,007	0,292	FALSE
0,091	0,306	0,002	0,007	0,133	FALSE
0,195	0,300	0,006	0,008	0,317	FALSE
-0,136	0,306	-0,003	0,008	0,148	FALSE
-0,052	0,315	-0,002	0,010	0,069	FALSE
0,020	0,318	0,001	0,009	0,026	FALSE
-0,154	0,290	-0,008	0,013	0,263	FALSE
-0,140	0,276	-0,007	0,012	0,253	FALSE
-0,092	0,292	-0,004	0,012	0,143	FALSE
-0,017	0,296	0,000	0,009	0,011	FALSE
-0,073	0,316	-0,002	0,010	0,097	FALSE
-0,067	0,316	-0,003	0,010	0,100	FALSE
0,061	0,317	0,002	0,008	0,071	FALSE
0,023	0,313	0,001	0,009	0,046	FALSE
-0,060	0,314	-0,002	0,010	0,067	FALSE
0,138	0,308	0,005	0,011	0,175	FALSE
-0,004	0,298	0,000	0,011	0,008	FALSE
0,024	0,308	0,000	0,010	0,001	FALSE
0,047	0,302	0,002	0,012	0,072	FALSE
-0,012	0,302	-0,001	0,011	0,025	FALSE
-0,068	0,308	-0,002	0,011	0,079	FALSE
-0,054	0,316	-0,002	0,012	0,051	FALSE
-0,081	0,295	-0,003	0,010	0,125	FALSE
0,045	0,312	0,002	0,012	0,060	FALSE
0,016	0,320	0,000	0,010	0,001	FALSE
0,135	0,299	0,006	0,012	0,223	FALSE
0,061	0,301	0,003	0,011	0,088	FALSE
-0,052	0,312	-0,003	0,012	0,088	FALSE
0,038	0,314	0,002	0,012	0,046	FALSE
-0,011	0,312	-0,001	0,012	0,038	FALSE
0,022	0,307	0,001	0,007	0,025	FALSE
0,029	0,307	0,000	0,007	0,018	FALSE
-0,092	0,310	-0,002	0,007	0,126	FALSE
0,029	0,321	0,001	0,009	0,057	FALSE
-0,015	0,308	0,000	0,010	0,015	FALSE
-0,010	0,321	-0,001	0,013	0,024	FALSE
0,034	0,304	0,001	0,012	0,033	FALSE
-0,012	0,314	-0,001	0,012	0,019	FALSE
0,033	0,312	0,001	0,009	0,054	FALSE
-0,012	0,326	-0,001	0,013	0,023	FALSE
-0,055	0,298	-0,003	0,010	0,122	FALSE
-0,036	0,315	-0,002	0,011	0,084	FALSE
-0,043	0,315	-0,003	0,011	0,099	FALSE
0,003	0,300	0,001	0,008	0,034	FALSE
-0,091	0,306	-0,003	0,009	0,119	FALSE
0,089	0,306	0,002	0,006	0,112	FALSE

-0,057	0,309	-0,001	0,006	0,088	FALSE
-0,017	0,317	-0,001	0,007	0,027	FALSE
-0,013	0,306	-0,001	0,007	0,034	FALSE
0,147	0,293	0,003	0,007	0,202	FALSE
-0,018	0,302	-0,001	0,007	0,036	FALSE
0,144	0,312	0,003	0,007	0,173	FALSE
0,131	0,291	0,003	0,007	0,210	FALSE
0,167	0,302	0,004	0,007	0,244	FALSE
0,154	0,305	0,004	0,008	0,214	FALSE
0,127	0,306	0,003	0,007	0,189	FALSE
0,157	0,307	0,004	0,007	0,229	FALSE
0,150	0,297	0,004	0,007	0,238	FALSE
0,178	0,295	0,004	0,007	0,279	FALSE
0,186	0,296	0,005	0,007	0,294	FALSE
0,164	0,304	0,004	0,007	0,243	FALSE
0,143	0,306	0,004	0,007	0,220	FALSE
0,170	0,306	0,004	0,007	0,248	FALSE
0,163	0,301	0,004	0,007	0,248	FALSE
0,169	0,296	0,004	0,007	0,262	FALSE
0,141	0,298	0,003	0,007	0,205	FALSE
0,132	0,307	0,003	0,007	0,172	FALSE
0,197	0,282	0,005	0,007	0,326	FALSE
0,160	0,295	0,004	0,007	0,264	FALSE
-0,130	0,313	-0,003	0,007	0,162	FALSE
0,153	0,302	0,004	0,007	0,233	FALSE
0,150	0,298	0,004	0,007	0,228	FALSE
0,168	0,301	0,005	0,008	0,259	FALSE
0,185	0,299	0,005	0,007	0,285	FALSE
0,171	0,299	0,005	0,008	0,254	FALSE
0,158	0,317	0,007	0,012	0,227	FALSE
0,063	0,313	0,002	0,011	0,072	FALSE
0,181	0,286	0,008	0,012	0,318	FALSE
-0,040	0,306	-0,001	0,008	0,028	FALSE
0,069	0,303	0,002	0,009	0,104	FALSE
0,022	0,301	0,001	0,012	0,032	FALSE
0,171	0,292	0,007	0,011	0,276	FALSE
0,091	0,297	0,002	0,011	0,085	FALSE
-0,043	0,302	-0,001	0,007	0,073	FALSE
-0,077	0,321	-0,002	0,009	0,092	FALSE
0,050	0,303	0,002	0,006	0,103	FALSE
0,072	0,282	0,003	0,010	0,107	FALSE
-0,075	0,275	-0,002	0,009	0,100	FALSE
0,067	0,302	0,003	0,008	0,115	FALSE
0,157	0,302	0,007	0,012	0,267	FALSE
0,006	0,304	0,001	0,010	0,043	FALSE
0,020	0,295	0,002	0,009	0,064	FALSE
0,184	0,293	0,006	0,009	0,301	FALSE
0,031	0,321	0,001	0,007	0,041	FALSE
0,102	0,297	0,003	0,007	0,166	FALSE
-0,157	0,296	-0,004	0,008	0,245	FALSE
-0,070	0,294	-0,001	0,006	0,074	FALSE
-0,045	0,287	-0,001	0,006	0,052	FALSE
-0,058	0,293	-0,001	0,006	0,068	FALSE

-0,049	0,289	-0,001	0,006	0,048	FALSE
-0,076	0,299	-0,002	0,006	0,092	FALSE
-0,040	0,301	-0,001	0,007	0,036	FALSE
0,057	0,317	0,003	0,012	0,091	FALSE
0,027	0,304	0,000	0,006	0,023	FALSE
0,021	0,312	0,001	0,006	0,030	FALSE
0,012	0,314	0,001	0,012	0,019	FALSE
-0,059	0,303	-0,002	0,012	0,073	FALSE
-0,052	0,306	-0,001	0,009	0,037	FALSE
0,067	0,310	0,001	0,007	0,063	FALSE
0,017	0,304	0,000	0,008	0,000	FALSE
-0,030	0,309	-0,001	0,011	0,025	FALSE
-0,032	0,300	-0,001	0,006	0,049	FALSE
-0,135	0,307	-0,002	0,007	0,145	FALSE
0,065	0,309	0,003	0,012	0,086	FALSE
0,060	0,302	0,001	0,008	0,062	FALSE
-0,047	0,305	-0,002	0,012	0,069	FALSE
-0,160	0,302	-0,003	0,007	0,222	FALSE
-0,038	0,296	-0,001	0,007	0,071	FALSE
0,081	0,310	0,003	0,012	0,097	FALSE
-0,054	0,323	-0,002	0,010	0,090	FALSE
0,155	0,288	0,007	0,011	0,254	FALSE
-0,030	0,299	-0,001	0,009	0,050	FALSE
0,033	0,303	0,002	0,010	0,055	FALSE
-0,119	0,303	-0,002	0,008	0,115	FALSE
-0,020	0,319	-0,001	0,007	0,030	FALSE
0,015	0,305	0,001	0,010	0,024	FALSE
0,065	0,303	0,003	0,011	0,099	FALSE
-0,095	0,305	-0,003	0,009	0,145	FALSE
-0,077	0,289	-0,004	0,010	0,145	FALSE
0,126	0,307	0,005	0,011	0,173	FALSE
0,063	0,318	0,002	0,011	0,072	FALSE
0,060	0,298	0,001	0,006	0,071	FALSE
-0,030	0,291	-0,001	0,011	0,017	FALSE
0,121	0,312	0,002	0,008	0,116	FALSE
-0,045	0,316	-0,002	0,007	0,077	FALSE
0,123	0,301	0,003	0,006	0,165	FALSE
0,145	0,305	0,005	0,008	0,228	FALSE
0,040	0,306	0,000	0,009	0,004	FALSE
0,048	0,322	0,000	0,009	0,018	FALSE
0,197	0,308	0,006	0,009	0,284	FALSE
-0,185	0,300	-0,007	0,012	0,258	FALSE
-0,227	0,291	-0,008	0,011	0,348	FALSE
-0,102	0,287	-0,003	0,008	0,140	FALSE
0,065	0,311	0,002	0,008	0,085	FALSE
-0,011	0,301	0,000	0,009	0,002	FALSE
-0,009	0,300	0,000	0,009	0,012	FALSE
0,005	0,300	0,000	0,010	0,006	FALSE
0,012	0,311	0,000	0,010	0,004	FALSE
0,108	0,296	0,004	0,010	0,178	FALSE
0,021	0,302	0,001	0,006	0,054	FALSE
0,066	0,309	0,002	0,012	0,076	FALSE
0,254	0,292	0,007	0,008	0,439	FALSE

-0,050	0,310	-0,002	0,012	0,053	FALSE
-0,093	0,307	-0,003	0,011	0,105	FALSE
0,021	0,312	0,000	0,006	0,005	FALSE
0,051	0,304	0,001	0,007	0,071	FALSE
-0,081	0,306	-0,003	0,012	0,078	FALSE
-0,050	0,306	-0,001	0,008	0,037	FALSE
0,042	0,291	0,002	0,011	0,056	FALSE
-0,023	0,300	0,000	0,009	0,006	FALSE
-0,173	0,291	-0,004	0,007	0,249	FALSE
-0,049	0,308	-0,003	0,012	0,103	FALSE
-0,108	0,307	-0,003	0,007	0,174	FALSE
0,088	0,295	0,004	0,011	0,149	FALSE
0,098	0,298	0,003	0,010	0,123	FALSE
-0,106	0,310	-0,004	0,010	0,170	FALSE
0,002	0,314	0,000	0,006	0,026	FALSE
-0,064	0,321	-0,001	0,010	0,049	FALSE
0,106	0,298	0,002	0,008	0,117	FALSE
0,000	0,307	0,000	0,009	0,010	FALSE
-0,040	0,311	-0,001	0,007	0,031	FALSE
0,075	0,307	0,003	0,012	0,099	FALSE
-0,078	0,320	-0,002	0,006	0,094	FALSE
-0,072	0,317	-0,002	0,008	0,071	FALSE
0,185	0,303	0,006	0,011	0,235	FALSE
0,014	0,319	0,001	0,006	0,035	FALSE
0,069	0,313	0,002	0,012	0,066	FALSE
-0,023	0,294	0,000	0,007	0,001	FALSE
0,057	0,290	0,003	0,012	0,086	FALSE
0,126	0,310	0,005	0,011	0,165	FALSE
-0,044	0,309	-0,001	0,009	0,045	FALSE
0,002	0,325	-0,001	0,012	0,015	FALSE
0,139	0,310	0,003	0,009	0,153	FALSE
-0,042	0,303	-0,001	0,007	0,059	FALSE
0,154	0,289	0,006	0,011	0,217	FALSE
0,161	0,291	0,006	0,011	0,225	FALSE
-0,042	0,313	-0,001	0,008	0,034	FALSE
0,158	0,298	0,006	0,011	0,226	FALSE
-0,065	0,313	-0,002	0,012	0,064	FALSE
-0,133	0,320	-0,004	0,009	0,162	FALSE
0,160	0,301	0,004	0,007	0,212	FALSE
0,008	0,306	0,001	0,006	0,030	FALSE
-0,073	0,314	-0,002	0,010	0,079	FALSE
0,007	0,316	0,001	0,008	0,032	FALSE
-0,111	0,311	-0,004	0,011	0,143	FALSE
0,066	0,293	0,003	0,012	0,092	FALSE
-0,007	0,305	-0,001	0,012	0,035	FALSE
0,036	0,314	0,001	0,009	0,028	FALSE
0,262	0,272	0,008	0,008	0,454	FALSE
0,123	0,295	0,005	0,011	0,197	FALSE
-0,001	0,309	0,000	0,010	0,009	FALSE
0,008	0,328	-0,001	0,008	0,028	FALSE
-0,080	0,313	-0,003	0,013	0,083	FALSE
0,136	0,307	0,005	0,009	0,212	FALSE
-0,119	0,306	-0,002	0,006	0,151	FALSE

0,157	0,301	0,003	0,006	0,215	FALSE
-0,063	0,292	-0,001	0,007	0,066	FALSE
-0,014	0,300	0,000	0,006	0,018	FALSE
0,108	0,291	0,003	0,010	0,122	FALSE
-0,052	0,302	-0,001	0,006	0,083	FALSE
-0,092	0,305	-0,002	0,007	0,123	FALSE
0,012	0,298	-0,001	0,012	0,019	FALSE
-0,027	0,312	0,000	0,006	0,003	FALSE
0,004	0,309	0,000	0,010	0,002	FALSE
-0,148	0,307	-0,003	0,007	0,168	FALSE
0,013	0,317	0,000	0,011	0,015	FALSE
-0,026	0,306	-0,001	0,008	0,022	FALSE
0,120	0,310	0,004	0,010	0,154	FALSE
0,135	0,298	0,005	0,010	0,228	FALSE
0,123	0,296	0,003	0,006	0,168	FALSE
-0,089	0,303	-0,003	0,012	0,112	FALSE
-0,114	0,304	-0,002	0,007	0,123	FALSE
-0,103	0,298	-0,003	0,010	0,102	FALSE
-0,087	0,302	-0,003	0,009	0,109	FALSE
-0,129	0,314	-0,004	0,009	0,162	FALSE
0,010	0,318	0,000	0,009	0,001	FALSE
0,050	0,304	0,002	0,012	0,065	FALSE
0,110	0,311	0,003	0,010	0,137	FALSE
-0,106	0,313	-0,004	0,009	0,171	FALSE
0,067	0,312	0,002	0,011	0,081	FALSE
0,069	0,301	0,003	0,010	0,099	FALSE
0,019	0,305	0,001	0,011	0,017	FALSE
-0,037	0,320	-0,002	0,011	0,053	FALSE
-0,003	0,298	0,000	0,007	0,007	FALSE
-0,035	0,305	-0,001	0,009	0,035	FALSE
-0,035	0,325	-0,001	0,009	0,024	FALSE
-0,038	0,311	0,000	0,009	0,018	FALSE
0,105	0,309	0,003	0,010	0,132	FALSE
0,094	0,301	0,002	0,007	0,142	FALSE
-0,090	0,318	-0,002	0,007	0,095	FALSE
-0,048	0,315	-0,001	0,010	0,031	FALSE
-0,182	0,306	-0,007	0,012	0,268	FALSE
0,010	0,299	-0,001	0,010	0,019	FALSE
0,131	0,281	0,006	0,012	0,202	FALSE
-0,076	0,307	-0,003	0,012	0,091	FALSE
-0,018	0,312	0,000	0,010	0,008	FALSE
0,024	0,300	0,001	0,011	0,033	FALSE
-0,042	0,309	-0,001	0,010	0,033	FALSE
-0,087	0,296	-0,004	0,012	0,110	FALSE
-0,100	0,306	-0,004	0,013	0,137	FALSE
-0,087	0,312	-0,004	0,013	0,114	FALSE
-0,019	0,311	-0,001	0,012	0,035	FALSE
-0,042	0,307	-0,003	0,010	0,095	FALSE
0,065	0,319	0,003	0,012	0,086	FALSE
-0,020	0,307	0,000	0,012	0,010	FALSE
-0,005	0,296	0,000	0,007	0,024	FALSE
-0,080	0,308	-0,002	0,007	0,102	FALSE
0,004	0,314	0,001	0,010	0,022	FALSE

0,080	0,297	0,002	0,006	0,110	FALSE
-0,155	0,294	-0,004	0,008	0,223	FALSE
0,070	0,312	0,002	0,008	0,097	FALSE
-0,003	0,321	0,000	0,013	0,006	FALSE
0,118	0,293	0,004	0,013	0,129	FALSE
0,086	0,308	0,002	0,007	0,113	FALSE
-0,026	0,327	-0,001	0,013	0,022	FALSE
0,020	0,316	0,001	0,008	0,028	FALSE
0,104	0,299	0,004	0,010	0,157	FALSE
-0,094	0,291	-0,002	0,006	0,119	FALSE
-0,026	0,308	-0,001	0,007	0,036	FALSE
-0,187	0,309	-0,005	0,008	0,274	FALSE
-0,037	0,294	-0,001	0,007	0,057	FALSE
0,079	0,305	0,001	0,007	0,058	FALSE
-0,042	0,317	-0,002	0,012	0,069	FALSE
-0,037	0,307	-0,001	0,010	0,047	FALSE
0,023	0,314	0,001	0,012	0,028	FALSE
0,016	0,305	0,001	0,010	0,026	FALSE
-0,079	0,304	-0,002	0,007	0,100	FALSE
-0,051	0,302	-0,002	0,011	0,078	FALSE
-0,021	0,308	-0,001	0,009	0,024	FALSE
0,092	0,305	0,003	0,008	0,134	FALSE
0,043	0,307	0,001	0,007	0,051	FALSE
0,172	0,296	0,006	0,010	0,268	FALSE
0,106	0,298	0,004	0,009	0,180	FALSE
0,143	0,299	0,004	0,008	0,199	FALSE
-0,173	0,301	-0,008	0,013	0,273	FALSE
-0,064	0,314	-0,003	0,013	0,107	FALSE
0,046	0,312	0,001	0,012	0,042	FALSE
0,023	0,306	0,001	0,006	0,030	FALSE
-0,054	0,305	-0,002	0,011	0,075	FALSE
0,028	0,309	0,001	0,009	0,032	FALSE
-0,014	0,309	-0,001	0,011	0,016	FALSE
0,027	0,309	0,001	0,008	0,025	FALSE
-0,089	0,307	-0,003	0,012	0,090	FALSE
-0,115	0,313	-0,003	0,007	0,150	FALSE
-0,100	0,298	-0,003	0,010	0,125	FALSE
-0,023	0,304	0,000	0,006	0,018	FALSE
-0,096	0,298	-0,002	0,007	0,136	FALSE
0,007	0,305	0,000	0,013	0,009	FALSE
0,074	0,294	0,004	0,011	0,126	FALSE
0,014	0,307	0,000	0,010	0,016	FALSE
-0,106	0,300	-0,003	0,007	0,159	FALSE
0,042	0,300	0,001	0,011	0,043	FALSE
0,179	0,294	0,006	0,012	0,227	FALSE
-0,070	0,299	-0,002	0,008	0,082	FALSE
0,074	0,316	0,002	0,007	0,115	FALSE
0,010	0,304	0,000	0,009	0,017	FALSE
0,090	0,302	0,003	0,012	0,093	FALSE
-0,175	0,303	-0,005	0,008	0,263	FALSE
-0,147	0,290	-0,006	0,012	0,196	FALSE
-0,006	0,313	0,000	0,007	0,016	FALSE
0,059	0,311	0,002	0,008	0,090	FALSE

-0,024	0,305	0,000	0,011	0,011	FALSE
-0,159	0,297	-0,005	0,009	0,210	FALSE
0,017	0,296	0,001	0,010	0,020	FALSE
0,042	0,307	0,001	0,006	0,051	FALSE
0,060	0,310	0,001	0,006	0,071	FALSE
-0,057	0,318	-0,001	0,006	0,071	FALSE
0,032	0,314	0,000	0,007	0,019	FALSE
0,148	0,312	0,005	0,011	0,206	FALSE
-0,039	0,302	-0,001	0,008	0,063	FALSE
0,111	0,293	0,002	0,006	0,160	FALSE
-0,002	0,317	0,000	0,006	0,025	FALSE
-0,082	0,306	-0,002	0,012	0,078	FALSE
-0,121	0,304	-0,004	0,010	0,167	FALSE
-0,014	0,298	-0,001	0,007	0,028	FALSE
-0,112	0,301	-0,003	0,008	0,173	FALSE
0,055	0,306	0,001	0,006	0,029	FALSE
0,051	0,320	0,000	0,007	0,020	FALSE
-0,091	0,301	-0,003	0,008	0,135	FALSE
-0,074	0,300	-0,002	0,008	0,114	FALSE
0,278	0,281	0,010	0,010	0,516	FALSE
0,007	0,307	0,001	0,006	0,036	FALSE
0,262	0,296	0,008	0,010	0,419	FALSE
-0,161	0,292	-0,004	0,007	0,228	FALSE
0,096	0,302	0,003	0,008	0,127	FALSE
0,072	0,307	0,003	0,010	0,114	FALSE
0,062	0,302	0,002	0,009	0,083	FALSE
0,046	0,300	0,002	0,009	0,069	FALSE
0,035	0,311	0,001	0,010	0,034	FALSE
0,027	0,315	0,001	0,011	0,033	FALSE
0,018	0,295	0,001	0,011	0,021	FALSE
-0,056	0,305	-0,002	0,010	0,074	FALSE
-0,039	0,314	-0,002	0,010	0,055	FALSE
0,038	0,303	0,001	0,007	0,051	FALSE
0,063	0,290	0,001	0,006	0,070	FALSE
-0,127	0,301	-0,006	0,012	0,218	FALSE
0,023	0,315	0,001	0,009	0,025	FALSE
-0,012	0,316	0,000	0,009	0,018	FALSE
0,110	0,311	0,005	0,012	0,147	FALSE
0,075	0,323	0,003	0,013	0,083	FALSE
-0,068	0,310	-0,001	0,009	0,047	FALSE
-0,122	0,297	-0,005	0,010	0,187	FALSE
-0,005	0,310	0,000	0,009	0,008	FALSE
-0,063	0,310	-0,002	0,007	0,101	FALSE
0,035	0,293	0,002	0,008	0,079	FALSE
-0,030	0,317	-0,001	0,011	0,041	FALSE
0,031	0,301	0,000	0,009	0,000	FALSE
-0,077	0,301	-0,003	0,010	0,098	FALSE
0,078	0,313	0,003	0,012	0,091	FALSE
-0,019	0,303	0,000	0,009	0,007	FALSE
-0,068	0,310	-0,004	0,013	0,110	FALSE
0,063	0,305	0,002	0,007	0,084	FALSE
0,067	0,302	0,002	0,008	0,100	FALSE
-0,054	0,320	-0,002	0,011	0,060	FALSE

-0,035	0,297	-0,002	0,010	0,059	FALSE
-0,033	0,311	-0,001	0,010	0,020	FALSE
-0,034	0,296	-0,001	0,008	0,060	FALSE
0,004	0,303	-0,001	0,010	0,021	FALSE
-0,068	0,310	-0,002	0,009	0,078	FALSE
0,048	0,297	0,001	0,006	0,070	FALSE
0,045	0,301	0,001	0,008	0,052	FALSE
0,085	0,304	0,002	0,009	0,110	FALSE
-0,004	0,303	0,001	0,012	0,035	FALSE
0,008	0,307	0,000	0,008	0,017	FALSE
0,063	0,306	0,002	0,012	0,073	FALSE
-0,016	0,287	0,000	0,006	0,016	FALSE
-0,044	0,318	-0,001	0,009	0,061	FALSE
0,026	0,320	0,001	0,007	0,037	FALSE
-0,117	0,295	-0,004	0,009	0,152	FALSE
-0,119	0,295	-0,004	0,009	0,156	FALSE
-0,013	0,308	0,000	0,008	0,015	FALSE
-0,043	0,308	0,000	0,007	0,021	FALSE
0,055	0,306	0,002	0,008	0,099	FALSE
-0,137	0,311	-0,003	0,007	0,168	FALSE
-0,004	0,310	0,000	0,011	0,013	FALSE
-0,055	0,302	-0,001	0,008	0,063	FALSE
-0,048	0,306	-0,002	0,013	0,054	FALSE
0,026	0,302	0,001	0,010	0,030	FALSE
-0,142	0,298	-0,003	0,006	0,185	FALSE
-0,067	0,303	-0,001	0,006	0,075	FALSE
0,011	0,311	0,000	0,008	0,013	FALSE
-0,128	0,289	-0,006	0,012	0,204	FALSE
0,003	0,319	0,001	0,011	0,025	FALSE
-0,066	0,320	-0,002	0,009	0,067	FALSE
-0,026	0,306	0,000	0,009	0,014	FALSE
0,137	0,309	0,004	0,008	0,199	FALSE
0,065	0,310	0,002	0,010	0,078	FALSE
0,008	0,305	0,000	0,012	0,010	FALSE
-0,084	0,316	-0,002	0,008	0,088	FALSE
-0,102	0,286	-0,002	0,006	0,113	FALSE
0,009	0,316	0,000	0,009	0,019	FALSE
0,090	0,290	0,005	0,011	0,177	FALSE
0,092	0,298	0,004	0,008	0,187	FALSE
0,047	0,302	0,000	0,008	0,008	FALSE
-0,039	0,301	0,000	0,012	0,004	FALSE
-0,039	0,315	-0,001	0,010	0,036	FALSE
0,238	0,297	0,008	0,011	0,349	FALSE
-0,065	0,315	-0,002	0,010	0,077	FALSE
0,154	0,317	0,003	0,008	0,153	FALSE
-0,066	0,303	-0,003	0,012	0,091	FALSE
0,074	0,290	0,001	0,008	0,061	FALSE
-0,053	0,312	-0,002	0,009	0,094	FALSE
-0,014	0,301	-0,001	0,009	0,040	FALSE
0,178	0,293	0,003	0,006	0,210	FALSE
-0,038	0,309	-0,001	0,008	0,030	FALSE
0,041	0,298	0,001	0,010	0,024	FALSE
-0,103	0,305	-0,004	0,012	0,137	FALSE

-0,086	0,311	-0,003	0,012	0,101	FALSE
-0,027	0,309	0,000	0,012	0,011	FALSE
0,074	0,318	0,002	0,009	0,091	FALSE
-0,004	0,305	-0,001	0,007	0,037	FALSE
0,032	0,313	0,001	0,009	0,046	FALSE
-0,030	0,298	-0,001	0,007	0,074	FALSE
0,015	0,310	0,000	0,010	0,007	FALSE
0,007	0,305	0,000	0,010	0,004	FALSE
-0,020	0,320	-0,001	0,011	0,028	FALSE
-0,013	0,311	0,000	0,010	0,007	FALSE
0,007	0,314	0,000	0,010	0,002	FALSE
-0,004	0,316	0,000	0,010	0,007	FALSE
0,050	0,304	0,002	0,009	0,067	FALSE
0,034	0,312	0,001	0,011	0,027	FALSE
-0,050	0,309	-0,002	0,011	0,069	FALSE
0,033	0,299	0,001	0,006	0,078	FALSE
0,036	0,313	0,001	0,013	0,026	FALSE
-0,096	0,318	-0,004	0,012	0,130	FALSE
-0,084	0,308	-0,003	0,011	0,089	FALSE
-0,073	0,292	-0,002	0,011	0,086	FALSE
0,056	0,323	0,002	0,008	0,070	FALSE
-0,154	0,291	-0,006	0,012	0,204	FALSE
-0,117	0,297	-0,004	0,012	0,150	FALSE
-0,133	0,296	-0,005	0,012	0,174	FALSE
-0,145	0,308	-0,005	0,013	0,177	FALSE
-0,133	0,303	-0,005	0,012	0,168	FALSE
-0,179	0,293	-0,007	0,012	0,236	FALSE
-0,139	0,293	-0,006	0,011	0,225	FALSE
-0,030	0,311	-0,001	0,013	0,017	FALSE
-0,004	0,303	0,000	0,012	0,007	FALSE
0,001	0,305	0,000	0,013	0,005	FALSE
-0,150	0,302	-0,006	0,012	0,225	FALSE
0,079	0,308	0,003	0,010	0,108	FALSE
-0,032	0,284	-0,001	0,007	0,034	FALSE
-0,067	0,292	-0,002	0,006	0,102	FALSE
-0,055	0,308	-0,002	0,008	0,078	FALSE
0,092	0,323	0,003	0,009	0,107	FALSE
-0,058	0,307	-0,002	0,009	0,069	FALSE
-0,036	0,306	-0,001	0,008	0,049	FALSE
0,041	0,297	0,002	0,011	0,051	FALSE
0,036	0,297	0,002	0,011	0,061	FALSE
-0,033	0,308	0,000	0,012	0,001	FALSE
0,080	0,306	0,003	0,011	0,107	FALSE
0,023	0,321	0,001	0,011	0,022	FALSE
0,025	0,316	0,001	0,011	0,026	FALSE
0,034	0,325	0,001	0,011	0,032	FALSE
0,029	0,298	-0,001	0,008	0,023	FALSE
-0,001	0,307	-0,001	0,008	0,051	FALSE
-0,111	0,302	-0,003	0,008	0,128	FALSE
0,181	0,295	0,005	0,009	0,249	FALSE
-0,098	0,306	-0,002	0,007	0,084	FALSE
0,011	0,308	0,001	0,013	0,015	FALSE
-0,020	0,307	-0,001	0,008	0,064	FALSE

-0,016	0,298	-0,001	0,010	0,031	FALSE
0,036	0,298	0,001	0,010	0,029	FALSE
0,042	0,307	0,001	0,007	0,044	FALSE
-0,008	0,302	-0,001	0,009	0,053	FALSE
0,012	0,305	0,001	0,012	0,027	FALSE
0,064	0,302	0,002	0,012	0,076	FALSE
0,089	0,304	0,002	0,007	0,106	FALSE
0,000	0,307	0,000	0,009	0,016	FALSE
-0,039	0,297	-0,002	0,011	0,072	FALSE
-0,050	0,323	-0,002	0,010	0,067	FALSE
0,103	0,319	0,003	0,009	0,148	FALSE
-0,011	0,313	-0,001	0,008	0,036	FALSE
-0,005	0,307	0,000	0,009	0,001	FALSE
-0,010	0,316	-0,001	0,007	0,028	FALSE
-0,124	0,307	-0,003	0,007	0,168	FALSE
-0,067	0,317	-0,002	0,009	0,083	FALSE
0,131	0,313	0,005	0,009	0,221	FALSE
0,113	0,312	0,004	0,009	0,176	FALSE
0,119	0,300	0,004	0,009	0,172	FALSE
-0,031	0,308	0,000	0,012	0,003	FALSE
-0,014	0,294	-0,001	0,012	0,035	FALSE
0,050	0,311	0,001	0,007	0,052	FALSE
0,020	0,291	0,000	0,009	0,013	FALSE
0,036	0,299	0,000	0,008	0,010	FALSE
0,047	0,303	0,002	0,011	0,079	FALSE
-0,044	0,307	0,000	0,008	0,016	FALSE
-0,114	0,302	-0,003	0,009	0,159	FALSE
0,042	0,296	0,003	0,012	0,086	FALSE
0,093	0,306	0,003	0,011	0,114	FALSE
-0,062	0,313	-0,002	0,012	0,063	FALSE
-0,116	0,309	-0,004	0,012	0,119	FALSE
0,085	0,310	0,002	0,007	0,085	FALSE
-0,029	0,299	-0,001	0,006	0,055	FALSE
0,011	0,290	0,000	0,009	0,009	FALSE
0,004	0,291	0,000	0,008	0,000	FALSE
-0,127	0,302	-0,004	0,011	0,127	FALSE
0,085	0,304	0,002	0,008	0,084	FALSE
0,033	0,305	0,001	0,010	0,020	FALSE
-0,061	0,312	-0,002	0,009	0,080	FALSE
-0,082	0,300	-0,003	0,011	0,091	FALSE
-0,034	0,313	-0,001	0,007	0,042	FALSE
-0,041	0,317	-0,001	0,006	0,036	FALSE
-0,068	0,322	-0,002	0,011	0,066	FALSE
-0,118	0,315	-0,004	0,011	0,125	FALSE
-0,105	0,317	-0,003	0,008	0,143	FALSE
0,037	0,306	0,001	0,012	0,022	FALSE
-0,034	0,316	-0,001	0,008	0,022	FALSE
0,014	0,303	0,000	0,007	0,005	FALSE
0,062	0,324	0,002	0,011	0,062	FALSE
-0,035	0,311	-0,002	0,012	0,051	FALSE
-0,064	0,318	-0,002	0,011	0,072	FALSE
0,012	0,319	0,000	0,009	0,005	FALSE
0,133	0,310	0,005	0,012	0,178	FALSE

0,108	0,304	0,005	0,012	0,155	FALSE
0,101	0,306	0,002	0,009	0,109	FALSE
0,055	0,300	0,002	0,007	0,084	FALSE
-0,178	0,295	-0,004	0,007	0,263	FALSE
0,062	0,318	0,003	0,012	0,101	FALSE
0,111	0,311	0,004	0,010	0,147	FALSE
0,138	0,304	0,003	0,008	0,163	FALSE
0,029	0,303	0,001	0,011	0,022	FALSE
-0,074	0,318	-0,001	0,008	0,060	FALSE
0,125	0,303	0,004	0,009	0,175	FALSE
0,016	0,304	0,001	0,008	0,035	FALSE
0,081	0,305	0,001	0,007	0,084	FALSE
-0,151	0,295	-0,003	0,006	0,193	FALSE
-0,065	0,318	-0,002	0,008	0,093	FALSE
-0,038	0,312	-0,001	0,010	0,020	FALSE
0,081	0,318	0,001	0,009	0,064	FALSE
0,077	0,305	0,002	0,008	0,106	FALSE
0,037	0,306	0,001	0,008	0,044	FALSE
0,089	0,314	0,002	0,009	0,093	FALSE
0,042	0,314	0,001	0,011	0,040	FALSE
-0,031	0,308	0,000	0,009	0,018	FALSE
-0,025	0,301	-0,001	0,007	0,027	FALSE
0,019	0,304	0,000	0,007	0,015	FALSE
-0,039	0,303	-0,001	0,009	0,034	FALSE
-0,046	0,305	-0,001	0,009	0,042	FALSE
-0,029	0,308	-0,001	0,008	0,033	FALSE
-0,033	0,319	-0,001	0,007	0,041	FALSE
-0,059	0,313	-0,001	0,008	0,066	FALSE
-0,098	0,311	-0,002	0,007	0,096	FALSE
-0,016	0,312	-0,001	0,009	0,023	FALSE
-0,126	0,300	-0,003	0,008	0,185	FALSE
0,038	0,307	0,002	0,012	0,045	FALSE
-0,059	0,317	-0,002	0,010	0,062	FALSE
-0,001	0,313	0,000	0,008	0,023	FALSE
-0,086	0,303	-0,003	0,012	0,078	FALSE
-0,027	0,308	-0,001	0,010	0,039	FALSE
-0,024	0,304	0,000	0,009	0,008	FALSE
0,061	0,311	0,001	0,007	0,066	FALSE
-0,107	0,299	-0,003	0,007	0,141	FALSE
0,031	0,321	0,001	0,007	0,055	FALSE
-0,025	0,307	-0,001	0,008	0,045	FALSE
-0,106	0,301	-0,004	0,009	0,165	FALSE
0,019	0,300	0,001	0,007	0,048	FALSE
0,008	0,308	0,000	0,008	0,005	FALSE
-0,037	0,301	-0,001	0,012	0,035	FALSE
0,091	0,303	0,002	0,007	0,121	FALSE
-0,057	0,325	-0,002	0,010	0,064	FALSE
0,063	0,315	0,002	0,008	0,096	FALSE
-0,075	0,300	-0,003	0,011	0,113	FALSE
0,046	0,316	0,001	0,008	0,031	FALSE
0,014	0,306	0,000	0,012	0,000	FALSE
-0,117	0,291	-0,004	0,012	0,128	FALSE
-0,063	0,300	-0,001	0,008	0,068	FALSE

-0,053	0,304	-0,002	0,012	0,048	FALSE
0,002	0,316	-0,001	0,009	0,026	FALSE
0,016	0,315	0,000	0,010	0,001	FALSE
-0,013	0,301	-0,001	0,009	0,049	FALSE
0,101	0,307	0,003	0,010	0,131	FALSE
0,028	0,292	0,001	0,012	0,024	FALSE
-0,009	0,310	0,000	0,008	0,017	FALSE
-0,096	0,311	-0,004	0,012	0,141	FALSE
0,048	0,314	0,002	0,011	0,071	FALSE
-0,031	0,317	-0,002	0,012	0,072	FALSE
-0,091	0,309	-0,002	0,009	0,110	FALSE
-0,112	0,319	-0,004	0,009	0,186	FALSE
-0,056	0,306	-0,001	0,008	0,072	FALSE
0,014	0,291	0,000	0,012	0,010	FALSE
-0,031	0,310	-0,002	0,008	0,073	FALSE
-0,013	0,307	-0,001	0,008	0,028	FALSE
0,103	0,317	0,004	0,011	0,152	FALSE
0,074	0,322	0,003	0,011	0,106	FALSE
0,121	0,317	0,004	0,011	0,144	FALSE
0,024	0,312	0,001	0,011	0,045	FALSE
0,147	0,295	0,005	0,008	0,237	FALSE
-0,043	0,305	-0,001	0,012	0,038	FALSE
-0,049	0,310	-0,002	0,012	0,049	FALSE
0,010	0,314	0,000	0,008	0,004	FALSE
0,079	0,310	0,003	0,012	0,089	FALSE
-0,073	0,309	-0,002	0,007	0,084	FALSE
-0,023	0,291	0,000	0,008	0,000	FALSE
-0,025	0,313	-0,001	0,008	0,056	FALSE
-0,107	0,322	-0,002	0,007	0,115	FALSE
0,024	0,309	0,000	0,006	0,021	FALSE
-0,068	0,308	-0,002	0,008	0,101	FALSE
-0,098	0,298	-0,003	0,008	0,129	FALSE
-0,024	0,316	-0,001	0,009	0,044	FALSE
-0,013	0,313	-0,001	0,012	0,030	FALSE
0,048	0,312	0,001	0,012	0,033	FALSE
0,090	0,306	0,002	0,007	0,128	FALSE
-0,154	0,313	-0,004	0,008	0,218	FALSE
-0,034	0,285	-0,001	0,011	0,039	FALSE
-0,003	0,311	-0,001	0,008	0,033	FALSE
-0,020	0,302	-0,001	0,008	0,059	FALSE
0,013	0,301	0,000	0,011	0,005	FALSE
0,046	0,316	0,001	0,009	0,054	FALSE
0,066	0,306	0,004	0,013	0,110	FALSE
0,080	0,289	0,004	0,012	0,142	FALSE
0,109	0,307	0,004	0,013	0,115	FALSE
0,084	0,293	0,004	0,012	0,140	FALSE
0,025	0,302	0,001	0,011	0,039	FALSE
-0,012	0,302	-0,001	0,012	0,028	FALSE
-0,071	0,329	-0,003	0,013	0,093	FALSE
0,094	0,318	0,003	0,008	0,124	FALSE
0,005	0,301	0,000	0,009	0,004	FALSE
0,123	0,315	0,006	0,012	0,189	FALSE
-0,038	0,301	-0,002	0,012	0,047	FALSE

-0,030	0,293	-0,001	0,011	0,024	FALSE
0,009	0,305	0,000	0,006	0,002	FALSE
-0,118	0,302	-0,004	0,011	0,159	FALSE
-0,115	0,314	-0,004	0,011	0,138	FALSE
-0,039	0,305	-0,001	0,008	0,027	FALSE
-0,005	0,302	-0,001	0,012	0,030	FALSE
-0,023	0,309	-0,001	0,007	0,034	FALSE
0,076	0,308	0,003	0,009	0,114	FALSE
0,036	0,308	0,001	0,008	0,030	FALSE
-0,005	0,298	0,000	0,007	0,022	FALSE
0,017	0,309	0,001	0,006	0,039	FALSE
-0,046	0,309	-0,003	0,011	0,092	FALSE
0,030	0,306	0,000	0,007	0,017	FALSE
0,065	0,295	0,003	0,012	0,087	FALSE
0,101	0,302	0,004	0,010	0,174	FALSE
0,028	0,302	0,002	0,010	0,076	FALSE
0,109	0,297	0,003	0,009	0,134	FALSE
-0,076	0,302	-0,003	0,011	0,100	FALSE
0,075	0,305	0,003	0,013	0,094	FALSE
0,159	0,300	0,004	0,007	0,277	FALSE
-0,040	0,304	-0,002	0,011	0,088	FALSE
0,155	0,302	0,004	0,007	0,267	FALSE
-0,040	0,309	-0,001	0,007	0,055	FALSE
-0,040	0,310	-0,001	0,009	0,029	FALSE
-0,001	0,324	0,000	0,012	0,011	FALSE
-0,015	0,321	0,000	0,006	0,021	FALSE
-0,147	0,296	-0,004	0,010	0,184	FALSE
-0,146	0,302	-0,003	0,006	0,193	FALSE
-0,091	0,315	-0,003	0,012	0,103	FALSE
-0,143	0,303	-0,003	0,007	0,161	FALSE
-0,148	0,288	-0,003	0,007	0,187	FALSE
0,140	0,304	0,005	0,010	0,215	FALSE
0,121	0,291	0,005	0,011	0,194	FALSE
-0,016	0,309	0,000	0,009	0,003	FALSE
-0,069	0,313	-0,003	0,012	0,102	FALSE
0,038	0,314	0,001	0,009	0,047	FALSE
0,088	0,319	0,003	0,011	0,105	FALSE
0,005	0,319	0,000	0,009	0,014	FALSE
0,031	0,308	0,001	0,008	0,034	FALSE
0,025	0,314	0,001	0,009	0,032	FALSE
-0,103	0,306	-0,004	0,012	0,117	FALSE
-0,053	0,312	-0,002	0,007	0,083	FALSE
-0,040	0,295	-0,001	0,010	0,028	FALSE
-0,082	0,311	-0,002	0,008	0,097	FALSE
-0,021	0,311	-0,001	0,012	0,031	FALSE
0,067	0,310	0,002	0,008	0,094	FALSE
-0,014	0,297	0,000	0,008	0,006	FALSE
-0,004	0,306	0,000	0,009	0,009	FALSE
-0,025	0,319	-0,001	0,009	0,027	FALSE
0,133	0,307	0,005	0,011	0,194	FALSE
0,141	0,303	0,006	0,013	0,206	FALSE
-0,088	0,305	-0,004	0,011	0,129	FALSE
-0,048	0,318	-0,001	0,013	0,041	FALSE

-0,101	0,302	-0,002	0,007	0,092	FALSE
-0,100	0,309	-0,002	0,006	0,099	FALSE
-0,014	0,303	0,000	0,007	0,023	FALSE
-0,109	0,288	-0,002	0,006	0,106	FALSE
-0,103	0,292	-0,002	0,006	0,110	FALSE
-0,104	0,307	-0,002	0,007	0,145	FALSE
0,036	0,302	0,001	0,008	0,057	FALSE
0,226	0,295	0,006	0,007	0,365	FALSE
0,208	0,293	0,005	0,006	0,346	FALSE
0,115	0,300	0,004	0,009	0,195	FALSE
0,050	0,308	0,002	0,009	0,084	FALSE
-0,122	0,310	-0,005	0,013	0,142	FALSE
-0,101	0,309	-0,003	0,011	0,115	FALSE
-0,017	0,311	-0,001	0,007	0,031	FALSE
-0,014	0,313	0,000	0,008	0,007	FALSE
0,100	0,305	0,004	0,012	0,132	FALSE
0,105	0,309	0,003	0,007	0,148	FALSE
0,031	0,313	0,001	0,007	0,075	FALSE
0,014	0,305	0,000	0,010	0,016	FALSE
0,005	0,301	0,000	0,009	0,003	FALSE
-0,018	0,309	-0,001	0,009	0,029	FALSE
0,119	0,305	0,005	0,011	0,167	FALSE
0,044	0,303	0,001	0,009	0,023	FALSE
-0,004	0,314	0,000	0,007	0,020	FALSE
0,032	0,302	0,001	0,008	0,035	FALSE
-0,126	0,302	-0,004	0,008	0,179	FALSE
0,023	0,309	0,000	0,013	0,007	FALSE
-0,017	0,298	0,000	0,011	0,009	FALSE
-0,137	0,313	-0,003	0,008	0,180	FALSE
0,077	0,304	0,001	0,009	0,065	FALSE
0,066	0,307	0,002	0,007	0,081	FALSE
0,084	0,303	0,003	0,009	0,134	FALSE
0,011	0,319	0,001	0,010	0,029	FALSE
-0,035	0,300	-0,001	0,012	0,026	FALSE
0,039	0,313	0,001	0,007	0,056	FALSE
-0,171	0,307	-0,004	0,008	0,251	FALSE
0,023	0,292	0,001	0,009	0,046	FALSE
-0,084	0,316	-0,002	0,008	0,119	FALSE
-0,167	0,294	-0,005	0,009	0,247	FALSE
0,059	0,309	0,001	0,006	0,059	FALSE
0,084	0,310	0,003	0,011	0,089	FALSE
-0,040	0,313	-0,001	0,008	0,030	FALSE
-0,017	0,325	0,000	0,009	0,009	FALSE
0,075	0,304	0,001	0,007	0,083	FALSE
0,085	0,312	0,002	0,009	0,113	FALSE
0,013	0,296	-0,001	0,011	0,020	FALSE
0,073	0,306	0,003	0,012	0,097	FALSE
0,006	0,301	0,001	0,009	0,042	FALSE
0,047	0,309	0,001	0,007	0,071	FALSE
-0,083	0,325	-0,003	0,011	0,095	FALSE
0,035	0,306	0,001	0,007	0,026	FALSE
0,066	0,319	0,001	0,008	0,069	FALSE
-0,069	0,304	-0,002	0,008	0,106	FALSE

0,011	0,301	0,000	0,012	0,009	FALSE
0,012	0,326	0,000	0,007	0,014	FALSE
0,036	0,313	0,002	0,011	0,056	FALSE
-0,030	0,300	-0,001	0,008	0,053	FALSE
0,168	0,306	0,005	0,010	0,221	FALSE
-0,054	0,304	-0,002	0,008	0,091	FALSE
0,073	0,311	0,004	0,012	0,113	FALSE
0,122	0,310	0,005	0,013	0,159	FALSE
0,065	0,294	0,002	0,007	0,081	FALSE
-0,076	0,318	-0,002	0,007	0,090	FALSE
-0,021	0,310	-0,002	0,011	0,056	FALSE
0,075	0,310	0,003	0,011	0,103	FALSE
-0,044	0,301	0,000	0,006	0,023	FALSE
-0,110	0,319	-0,005	0,013	0,148	FALSE
0,128	0,306	0,005	0,013	0,163	FALSE
0,111	0,299	0,004	0,012	0,143	FALSE
0,150	0,310	0,006	0,013	0,201	FALSE
0,154	0,301	0,006	0,013	0,207	FALSE
0,100	0,307	0,003	0,010	0,128	FALSE
-0,095	0,296	-0,003	0,008	0,122	FALSE
0,093	0,306	0,002	0,007	0,121	FALSE
0,016	0,298	0,001	0,007	0,031	FALSE
-0,108	0,307	-0,003	0,010	0,122	FALSE
0,009	0,305	0,000	0,008	0,009	FALSE
-0,052	0,302	-0,002	0,010	0,074	FALSE
-0,014	0,302	0,000	0,007	0,015	FALSE
-0,071	0,311	-0,002	0,012	0,052	FALSE
-0,051	0,292	-0,003	0,010	0,099	FALSE
0,031	0,308	0,002	0,010	0,059	FALSE
-0,030	0,304	-0,001	0,009	0,053	FALSE
-0,048	0,322	-0,002	0,009	0,082	FALSE
0,028	0,307	0,001	0,007	0,059	FALSE
0,124	0,303	0,004	0,012	0,151	FALSE
0,127	0,307	0,005	0,012	0,172	FALSE
-0,120	0,309	-0,003	0,007	0,171	FALSE
0,097	0,307	0,003	0,010	0,116	FALSE
-0,084	0,309	-0,003	0,009	0,114	FALSE
-0,041	0,297	-0,001	0,007	0,039	FALSE
0,046	0,300	0,001	0,007	0,034	FALSE
-0,082	0,310	-0,003	0,010	0,116	FALSE
-0,077	0,308	-0,003	0,010	0,098	FALSE
0,150	0,290	0,004	0,007	0,234	FALSE
-0,073	0,315	-0,003	0,011	0,085	FALSE
0,187	0,297	0,005	0,008	0,293	FALSE
-0,003	0,306	0,000	0,009	0,016	FALSE
-0,114	0,314	-0,002	0,006	0,120	FALSE
-0,070	0,309	-0,001	0,009	0,055	FALSE
0,018	0,319	0,000	0,009	0,012	FALSE
0,177	0,296	0,004	0,007	0,258	FALSE
-0,170	0,304	-0,004	0,007	0,252	FALSE
0,022	0,297	0,001	0,009	0,049	FALSE
0,058	0,314	0,003	0,011	0,088	FALSE
-0,061	0,308	-0,003	0,010	0,102	FALSE

-0,084	0,311	-0,002	0,007	0,114	FALSE
-0,031	0,322	0,000	0,007	0,017	FALSE
-0,103	0,303	-0,002	0,007	0,141	FALSE
0,102	0,311	0,003	0,010	0,116	FALSE
0,013	0,308	0,001	0,009	0,055	FALSE
-0,037	0,309	-0,002	0,012	0,073	FALSE
0,145	0,291	0,004	0,008	0,182	FALSE
-0,028	0,312	-0,001	0,007	0,040	FALSE
0,185	0,297	0,007	0,010	0,307	FALSE
0,013	0,310	0,001	0,011	0,025	FALSE
0,038	0,310	0,001	0,008	0,056	FALSE
0,006	0,302	0,001	0,012	0,020	FALSE
0,008	0,320	0,001	0,013	0,021	FALSE
0,082	0,298	0,002	0,007	0,131	FALSE
0,104	0,314	0,003	0,011	0,116	FALSE
0,132	0,300	0,006	0,012	0,209	FALSE
0,004	0,326	-0,001	0,011	0,018	FALSE
0,044	0,297	0,001	0,012	0,038	FALSE
-0,124	0,311	-0,003	0,008	0,148	FALSE
0,043	0,312	0,002	0,011	0,055	FALSE
0,001	0,310	-0,001	0,009	0,028	FALSE
-0,055	0,298	-0,002	0,006	0,093	FALSE
-0,119	0,313	-0,003	0,007	0,181	FALSE
-0,011	0,315	-0,001	0,008	0,031	FALSE
0,000	0,322	0,000	0,010	0,011	FALSE
-0,020	0,308	-0,001	0,010	0,033	FALSE
-0,074	0,300	-0,003	0,011	0,099	FALSE
0,040	0,317	0,001	0,012	0,031	FALSE
0,055	0,314	0,001	0,009	0,041	FALSE
-0,007	0,291	0,000	0,012	0,000	FALSE
-0,067	0,292	-0,002	0,012	0,070	FALSE
0,059	0,301	0,001	0,007	0,080	FALSE
-0,004	0,284	0,000	0,011	0,001	FALSE
0,001	0,306	0,001	0,010	0,029	FALSE
0,006	0,299	0,000	0,008	0,019	FALSE
-0,147	0,300	-0,006	0,012	0,190	FALSE
-0,209	0,303	-0,008	0,012	0,289	FALSE
-0,026	0,298	-0,001	0,006	0,050	FALSE
-0,108	0,309	-0,002	0,008	0,114	FALSE
-0,091	0,295	-0,004	0,012	0,130	FALSE
-0,016	0,291	0,000	0,007	0,012	FALSE
-0,033	0,297	-0,001	0,006	0,032	FALSE
0,025	0,316	0,001	0,009	0,028	FALSE
-0,021	0,299	0,000	0,008	0,018	FALSE
0,011	0,290	0,000	0,007	0,011	FALSE
0,090	0,300	0,004	0,011	0,157	FALSE
-0,027	0,316	-0,001	0,007	0,067	FALSE
-0,099	0,314	-0,002	0,007	0,127	FALSE
-0,078	0,303	-0,003	0,011	0,107	FALSE
0,037	0,311	0,000	0,007	0,017	FALSE
0,090	0,305	0,002	0,009	0,081	FALSE
0,013	0,309	0,000	0,008	0,020	FALSE
-0,077	0,315	-0,003	0,011	0,103	FALSE

-0,009	0,293	0,000	0,006	0,021	FALSE
-0,100	0,308	-0,002	0,007	0,125	FALSE
-0,093	0,311	-0,002	0,007	0,101	FALSE
-0,080	0,318	-0,002	0,007	0,085	FALSE
-0,109	0,318	-0,002	0,007	0,134	FALSE
0,051	0,311	0,002	0,011	0,067	FALSE
0,105	0,314	0,002	0,007	0,145	FALSE
-0,030	0,305	0,000	0,007	0,002	FALSE
-0,036	0,307	0,000	0,008	0,016	FALSE
0,001	0,290	0,000	0,009	0,018	FALSE
-0,162	0,287	-0,005	0,009	0,223	FALSE
0,019	0,304	0,001	0,008	0,043	FALSE
-0,094	0,310	-0,002	0,009	0,103	FALSE
0,039	0,311	0,001	0,012	0,032	FALSE
-0,108	0,308	-0,002	0,007	0,134	FALSE
0,080	0,311	0,002	0,008	0,106	FALSE
-0,034	0,312	-0,001	0,009	0,054	FALSE
0,101	0,307	0,002	0,006	0,146	FALSE
-0,046	0,302	-0,001	0,010	0,028	FALSE
-0,005	0,315	0,000	0,009	0,011	FALSE
-0,061	0,301	-0,002	0,009	0,084	FALSE
-0,023	0,316	-0,001	0,010	0,022	FALSE
-0,112	0,306	-0,003	0,007	0,159	FALSE
0,032	0,311	0,001	0,012	0,018	FALSE
-0,017	0,300	0,000	0,008	0,012	FALSE
-0,181	0,312	-0,004	0,007	0,246	FALSE
0,088	0,305	0,003	0,007	0,156	FALSE
-0,004	0,293	-0,001	0,010	0,019	FALSE
0,072	0,287	0,004	0,010	0,145	FALSE
-0,127	0,295	-0,004	0,008	0,193	FALSE
-0,107	0,299	-0,002	0,006	0,169	FALSE
-0,112	0,298	-0,004	0,012	0,154	FALSE
-0,083	0,316	-0,002	0,007	0,135	FALSE
-0,162	0,308	-0,005	0,009	0,239	FALSE
0,010	0,320	0,000	0,007	0,018	FALSE
-0,050	0,314	-0,002	0,013	0,063	FALSE
-0,073	0,303	-0,003	0,012	0,084	FALSE
0,167	0,303	0,006	0,011	0,225	FALSE
0,022	0,308	0,001	0,008	0,027	FALSE
-0,103	0,306	-0,002	0,007	0,123	FALSE
0,016	0,323	0,000	0,008	0,018	FALSE
-0,033	0,309	-0,002	0,012	0,049	FALSE
-0,066	0,320	-0,002	0,007	0,110	FALSE
-0,092	0,297	-0,002	0,007	0,104	FALSE
-0,048	0,314	-0,002	0,007	0,083	FALSE
0,118	0,304	0,002	0,007	0,124	FALSE
0,032	0,310	0,002	0,012	0,059	FALSE
0,048	0,318	0,001	0,007	0,037	FALSE
-0,080	0,312	-0,003	0,008	0,125	FALSE
0,141	0,301	0,006	0,012	0,207	FALSE
0,128	0,288	0,006	0,011	0,216	FALSE
-0,097	0,308	-0,004	0,011	0,136	FALSE
0,020	0,312	0,001	0,011	0,026	FALSE

-0,015	0,317	-0,001	0,011	0,018	FALSE
-0,099	0,302	-0,003	0,010	0,127	FALSE
0,016	0,320	0,000	0,013	0,012	FALSE
-0,095	0,288	-0,003	0,010	0,115	FALSE
-0,138	0,292	-0,004	0,010	0,178	FALSE
-0,006	0,310	0,000	0,012	0,014	FALSE
-0,041	0,308	-0,001	0,012	0,043	FALSE
0,066	0,309	0,002	0,011	0,087	FALSE
-0,001	0,303	0,000	0,008	0,011	FALSE
-0,016	0,302	-0,001	0,008	0,055	FALSE
0,123	0,294	0,004	0,010	0,166	FALSE
0,081	0,313	0,002	0,011	0,086	FALSE
0,010	0,309	0,001	0,010	0,023	FALSE
-0,090	0,317	-0,002	0,007	0,109	FALSE
0,067	0,305	0,003	0,012	0,087	FALSE
-0,003	0,289	0,000	0,012	0,001	FALSE
0,111	0,299	0,005	0,012	0,154	FALSE
-0,051	0,303	-0,001	0,007	0,079	FALSE
-0,078	0,313	-0,002	0,007	0,111	FALSE
0,059	0,297	0,002	0,006	0,107	FALSE
-0,053	0,317	-0,001	0,008	0,065	FALSE
-0,006	0,313	-0,001	0,012	0,026	FALSE
-0,146	0,291	-0,003	0,006	0,196	FALSE
0,096	0,297	0,002	0,008	0,103	FALSE
0,106	0,312	0,003	0,008	0,129	FALSE
-0,043	0,312	-0,002	0,012	0,060	FALSE
0,045	0,306	0,002	0,012	0,050	FALSE
0,139	0,293	0,003	0,008	0,161	FALSE
0,033	0,307	0,001	0,012	0,045	FALSE
-0,094	0,319	-0,003	0,012	0,099	FALSE
-0,086	0,305	-0,003	0,012	0,105	FALSE
0,037	0,308	0,001	0,010	0,035	FALSE
-0,110	0,306	-0,004	0,012	0,121	FALSE
0,004	0,307	0,000	0,010	0,006	FALSE
-0,104	0,308	-0,003	0,009	0,117	FALSE
0,127	0,295	0,004	0,007	0,209	FALSE
-0,096	0,318	-0,002	0,011	0,073	FALSE
-0,012	0,314	-0,001	0,009	0,023	FALSE
-0,099	0,311	-0,002	0,007	0,124	FALSE
-0,065	0,323	-0,003	0,011	0,093	FALSE
-0,096	0,294	-0,004	0,012	0,116	FALSE
-0,032	0,298	-0,001	0,006	0,052	FALSE
0,077	0,302	0,002	0,012	0,073	FALSE
-0,099	0,304	-0,002	0,006	0,126	FALSE
-0,085	0,307	-0,002	0,006	0,115	FALSE
0,031	0,302	0,001	0,009	0,019	FALSE
0,050	0,303	0,001	0,009	0,035	FALSE
-0,114	0,310	-0,004	0,010	0,167	FALSE
-0,022	0,315	0,000	0,012	0,003	FALSE
-0,120	0,305	-0,003	0,007	0,179	FALSE
-0,005	0,299	0,000	0,007	0,012	FALSE
0,076	0,320	0,001	0,007	0,074	FALSE
0,114	0,307	0,003	0,009	0,136	FALSE

-0,001	0,305	-0,001	0,011	0,027	FALSE
0,116	0,317	0,004	0,008	0,186	FALSE
-0,114	0,302	-0,004	0,010	0,167	FALSE
-0,046	0,308	-0,002	0,011	0,068	FALSE
-0,002	0,301	-0,001	0,012	0,018	FALSE
-0,005	0,317	0,000	0,007	0,006	FALSE
-0,068	0,327	-0,002	0,009	0,072	FALSE
0,036	0,310	0,001	0,009	0,040	FALSE
-0,011	0,300	0,000	0,009	0,015	FALSE
0,010	0,303	0,001	0,007	0,041	FALSE
-0,043	0,300	-0,001	0,007	0,039	FALSE
-0,051	0,324	-0,001	0,010	0,054	FALSE
0,046	0,304	0,002	0,010	0,065	FALSE
0,178	0,293	0,008	0,013	0,283	FALSE
-0,073	0,291	-0,002	0,006	0,131	FALSE
-0,132	0,297	-0,004	0,011	0,148	FALSE
0,025	0,306	0,001	0,010	0,039	FALSE
-0,048	0,310	-0,001	0,011	0,039	FALSE
-0,027	0,310	0,000	0,012	0,007	FALSE
-0,055	0,303	-0,003	0,012	0,111	FALSE
-0,068	0,296	-0,004	0,012	0,147	FALSE
0,025	0,309	0,002	0,013	0,068	FALSE
-0,069	0,321	-0,002	0,010	0,075	FALSE
-0,007	0,306	0,000	0,009	0,010	FALSE
0,038	0,297	0,001	0,008	0,028	FALSE
-0,131	0,306	-0,006	0,012	0,194	FALSE
-0,088	0,307	-0,004	0,012	0,132	FALSE
0,019	0,313	0,001	0,008	0,035	FALSE
0,011	0,316	0,000	0,009	0,009	FALSE
0,037	0,301	0,001	0,009	0,052	FALSE
0,134	0,298	0,003	0,009	0,130	FALSE
0,012	0,301	0,000	0,007	0,022	FALSE
-0,033	0,310	-0,001	0,012	0,032	FALSE
-0,098	0,296	-0,002	0,006	0,135	FALSE
-0,063	0,312	-0,001	0,006	0,073	FALSE
-0,015	0,312	-0,001	0,013	0,031	FALSE
-0,067	0,308	-0,003	0,013	0,095	FALSE
0,079	0,314	0,003	0,011	0,105	FALSE
-0,112	0,311	-0,005	0,012	0,153	FALSE
0,068	0,305	0,003	0,011	0,093	FALSE
0,142	0,298	0,003	0,006	0,194	FALSE
-0,066	0,299	-0,004	0,012	0,118	FALSE
0,101	0,309	0,004	0,013	0,116	FALSE
-0,034	0,296	-0,001	0,008	0,051	FALSE
0,064	0,290	0,003	0,012	0,104	FALSE
0,054	0,309	0,003	0,012	0,082	FALSE
0,036	0,311	0,002	0,010	0,062	FALSE
0,015	0,304	0,001	0,009	0,025	FALSE
-0,081	0,295	-0,002	0,007	0,114	FALSE
-0,048	0,299	-0,002	0,013	0,073	FALSE
-0,044	0,298	-0,001	0,007	0,064	FALSE
-0,034	0,307	-0,001	0,007	0,055	FALSE
-0,024	0,315	0,000	0,006	0,013	FALSE

0,071	0,291	0,001	0,006	0,083	FALSE
0,008	0,304	0,000	0,008	0,003	FALSE
0,051	0,296	0,002	0,011	0,064	FALSE
0,060	0,309	0,002	0,010	0,082	FALSE
0,002	0,314	0,000	0,010	0,010	FALSE
-0,030	0,311	-0,001	0,008	0,070	FALSE
-0,034	0,323	-0,001	0,008	0,066	FALSE
0,005	0,305	0,000	0,012	0,002	FALSE
-0,018	0,320	-0,001	0,013	0,024	FALSE
0,109	0,296	0,003	0,010	0,108	FALSE
0,078	0,309	0,001	0,008	0,060	FALSE
0,021	0,307	0,000	0,013	0,012	FALSE
-0,041	0,324	-0,001	0,009	0,047	FALSE
-0,147	0,303	-0,006	0,012	0,209	FALSE
0,077	0,305	0,002	0,008	0,084	FALSE
0,030	0,303	0,000	0,007	0,002	FALSE
0,006	0,318	0,000	0,006	0,001	FALSE
-0,007	0,295	-0,001	0,009	0,036	FALSE
-0,161	0,306	-0,006	0,011	0,231	FALSE
0,005	0,305	0,001	0,012	0,029	FALSE
0,028	0,295	0,002	0,012	0,071	FALSE
0,082	0,303	0,002	0,009	0,105	FALSE
0,031	0,304	0,002	0,011	0,056	FALSE
-0,136	0,300	-0,004	0,009	0,212	FALSE
-0,172	0,295	-0,006	0,009	0,297	FALSE
-0,148	0,302	-0,005	0,009	0,239	FALSE
-0,105	0,303	-0,004	0,012	0,154	FALSE
-0,078	0,312	-0,003	0,010	0,120	FALSE
-0,046	0,310	-0,001	0,009	0,040	FALSE
0,076	0,304	0,002	0,006	0,110	FALSE
0,096	0,311	0,002	0,007	0,116	FALSE
0,126	0,312	0,003	0,008	0,152	FALSE
0,087	0,297	0,003	0,011	0,093	FALSE
0,009	0,317	0,000	0,009	0,007	FALSE
-0,085	0,299	-0,003	0,011	0,085	FALSE
0,086	0,279	0,002	0,009	0,098	FALSE
-0,119	0,311	-0,004	0,012	0,135	FALSE
0,047	0,304	0,001	0,009	0,054	FALSE
0,204	0,313	0,005	0,008	0,272	FALSE
0,187	0,295	0,004	0,008	0,254	FALSE
0,082	0,317	0,002	0,013	0,069	FALSE
-0,086	0,312	-0,004	0,010	0,149	FALSE
0,148	0,304	0,006	0,011	0,240	FALSE
-0,037	0,314	-0,001	0,006	0,069	FALSE
-0,047	0,316	-0,001	0,009	0,024	FALSE
0,034	0,302	0,001	0,006	0,063	FALSE
0,070	0,318	0,001	0,006	0,063	FALSE
0,133	0,301	0,005	0,011	0,194	FALSE
0,132	0,310	0,005	0,011	0,188	FALSE
-0,025	0,299	0,000	0,006	0,022	FALSE
0,016	0,299	0,001	0,009	0,034	FALSE
0,022	0,323	0,000	0,008	0,011	FALSE
-0,003	0,307	0,000	0,008	0,002	FALSE

0,006	0,306	0,000	0,007	0,008	FALSE
-0,079	0,313	-0,003	0,013	0,093	FALSE
0,064	0,304	0,002	0,010	0,076	FALSE
0,054	0,305	0,001	0,009	0,048	FALSE
0,047	0,302	0,001	0,009	0,046	FALSE
-0,159	0,301	-0,005	0,009	0,242	FALSE
-0,079	0,303	-0,003	0,013	0,088	FALSE
0,061	0,299	0,001	0,008	0,066	FALSE
0,065	0,288	0,002	0,007	0,094	FALSE
-0,005	0,310	0,001	0,007	0,043	FALSE
0,047	0,300	0,002	0,008	0,085	FALSE
0,049	0,294	0,001	0,008	0,028	FALSE
0,018	0,312	0,002	0,012	0,070	FALSE
0,010	0,288	0,002	0,012	0,057	FALSE
0,103	0,301	0,004	0,012	0,139	FALSE
-0,029	0,307	-0,001	0,008	0,066	FALSE
0,030	0,317	0,001	0,013	0,032	FALSE
-0,112	0,310	-0,002	0,006	0,152	FALSE
0,058	0,309	0,001	0,011	0,051	FALSE
0,025	0,300	0,000	0,009	0,005	FALSE
0,014	0,310	0,000	0,009	0,002	FALSE
-0,107	0,310	-0,003	0,007	0,143	FALSE
0,135	0,293	0,004	0,008	0,227	FALSE
0,024	0,305	0,000	0,008	0,015	FALSE
-0,058	0,310	-0,002	0,008	0,087	FALSE
0,105	0,295	0,004	0,010	0,153	FALSE
0,099	0,309	0,002	0,007	0,148	FALSE
0,000	0,308	0,000	0,008	0,007	FALSE
0,017	0,308	0,000	0,007	0,019	FALSE
-0,015	0,305	0,000	0,009	0,006	FALSE
0,075	0,291	0,002	0,012	0,066	FALSE
-0,089	0,301	-0,002	0,011	0,078	FALSE
0,053	0,306	0,002	0,012	0,075	FALSE
-0,108	0,295	-0,003	0,007	0,149	FALSE
0,022	0,311	0,001	0,013	0,024	FALSE
0,033	0,304	0,001	0,013	0,042	FALSE
-0,133	0,318	-0,005	0,011	0,190	FALSE
0,063	0,303	0,002	0,010	0,053	FALSE
-0,019	0,303	0,000	0,010	0,013	TRUE
-0,106	0,314	-0,002	0,008	0,120	FALSE
0,004	0,303	0,000	0,012	0,003	FALSE
-0,169	0,306	-0,004	0,008	0,223	FALSE
0,042	0,303	0,000	0,007	0,023	FALSE
-0,023	0,294	0,000	0,011	0,002	FALSE
-0,145	0,293	-0,004	0,010	0,174	FALSE
-0,135	0,295	-0,004	0,011	0,158	FALSE
0,044	0,308	0,001	0,006	0,054	FALSE
0,073	0,310	0,001	0,009	0,061	FALSE
-0,039	0,308	-0,001	0,010	0,024	FALSE
-0,020	0,321	0,000	0,010	0,007	FALSE
-0,097	0,308	-0,002	0,009	0,107	FALSE
-0,087	0,306	-0,004	0,010	0,137	FALSE
-0,010	0,320	0,000	0,010	0,007	FALSE

0,005	0,297	0,000	0,010	0,001	FALSE
0,070	0,314	0,002	0,009	0,097	FALSE
0,054	0,303	0,002	0,011	0,060	FALSE
0,170	0,306	0,006	0,011	0,232	FALSE
0,222	0,278	0,008	0,011	0,343	FALSE
0,032	0,308	0,001	0,012	0,026	FALSE
-0,013	0,308	-0,001	0,012	0,016	FALSE
0,051	0,298	0,001	0,007	0,046	FALSE
0,057	0,300	0,001	0,007	0,084	FALSE
0,081	0,304	0,002	0,008	0,090	FALSE
-0,016	0,314	-0,001	0,011	0,052	FALSE
0,070	0,316	0,002	0,006	0,098	FALSE
0,018	0,313	0,000	0,008	0,017	FALSE
-0,016	0,309	0,000	0,011	0,013	FALSE
0,055	0,306	0,002	0,010	0,065	FALSE
-0,012	0,316	0,000	0,007	0,011	FALSE
0,106	0,296	0,003	0,008	0,126	FALSE
-0,094	0,309	-0,003	0,012	0,090	FALSE
-0,098	0,311	-0,003	0,010	0,126	FALSE
-0,158	0,306	-0,006	0,012	0,210	FALSE
-0,012	0,297	-0,001	0,011	0,019	FALSE
0,093	0,309	0,004	0,010	0,142	FALSE
-0,045	0,318	-0,001	0,007	0,063	FALSE
-0,071	0,310	-0,001	0,007	0,047	FALSE
0,095	0,309	0,004	0,010	0,142	FALSE
-0,146	0,298	-0,006	0,010	0,246	FALSE
0,000	0,305	0,000	0,008	0,007	FALSE
-0,049	0,316	-0,002	0,009	0,073	FALSE
0,108	0,310	0,004	0,010	0,154	FALSE
0,135	0,307	0,005	0,010	0,181	FALSE
0,217	0,284	0,006	0,008	0,357	FALSE
-0,074	0,294	-0,003	0,012	0,110	FALSE
-0,085	0,290	-0,003	0,011	0,113	FALSE
0,091	0,304	0,003	0,009	0,131	FALSE
0,037	0,301	0,000	0,013	0,013	FALSE
-0,017	0,299	-0,002	0,012	0,054	FALSE
0,003	0,308	-0,001	0,012	0,024	FALSE
-0,005	0,291	-0,001	0,013	0,035	FALSE
-0,069	0,307	-0,003	0,010	0,095	FALSE
0,094	0,310	0,004	0,009	0,149	FALSE
-0,091	0,293	-0,003	0,010	0,135	FALSE
-0,014	0,319	0,000	0,010	0,014	FALSE
0,017	0,309	0,001	0,010	0,035	FALSE
-0,097	0,315	-0,004	0,010	0,133	FALSE
0,008	0,298	0,000	0,010	0,017	FALSE
0,000	0,310	0,000	0,012	0,013	FALSE
-0,103	0,309	-0,003	0,010	0,135	FALSE
0,038	0,301	0,002	0,012	0,061	FALSE
0,007	0,302	0,001	0,012	0,016	FALSE
0,111	0,308	0,002	0,006	0,124	FALSE
-0,057	0,293	-0,002	0,010	0,068	FALSE
0,055	0,295	0,002	0,009	0,094	FALSE
-0,026	0,295	0,000	0,008	0,004	FALSE

-0,021	0,300	0,000	0,008	0,007	FALSE
-0,022	0,295	0,000	0,009	0,015	FALSE
-0,030	0,292	0,000	0,008	0,001	FALSE
-0,116	0,314	-0,003	0,007	0,153	FALSE
0,102	0,313	0,004	0,011	0,143	FALSE
-0,054	0,317	-0,001	0,011	0,031	FALSE
-0,107	0,312	-0,002	0,006	0,130	FALSE
-0,061	0,299	-0,002	0,011	0,054	FALSE
-0,073	0,303	-0,002	0,007	0,097	FALSE
0,033	0,287	0,001	0,009	0,034	FALSE
0,098	0,317	0,003	0,012	0,101	FALSE
0,040	0,301	0,001	0,010	0,039	FALSE
0,025	0,293	0,001	0,010	0,020	FALSE
-0,049	0,306	-0,001	0,008	0,058	FALSE
0,004	0,309	0,000	0,012	0,001	FALSE
0,050	0,303	0,002	0,010	0,064	FALSE
0,151	0,293	0,005	0,010	0,220	FALSE
0,084	0,302	0,003	0,011	0,106	FALSE
0,135	0,313	0,005	0,012	0,182	FALSE
-0,003	0,307	0,000	0,008	0,002	FALSE
0,050	0,301	0,001	0,006	0,068	FALSE
0,001	0,326	0,000	0,012	0,008	FALSE
-0,034	0,299	-0,001	0,010	0,043	FALSE
-0,048	0,306	-0,001	0,011	0,051	FALSE
0,217	0,284	0,005	0,007	0,329	FALSE
-0,063	0,315	-0,002	0,009	0,074	FALSE
-0,206	0,296	-0,006	0,009	0,306	FALSE
-0,005	0,306	0,000	0,011	0,004	FALSE
0,081	0,304	0,002	0,006	0,106	FALSE
-0,115	0,317	-0,004	0,011	0,133	FALSE
-0,026	0,315	-0,001	0,008	0,046	FALSE
-0,077	0,311	-0,004	0,012	0,117	FALSE
-0,221	0,293	-0,009	0,012	0,350	FALSE
0,172	0,291	0,004	0,007	0,256	FALSE
0,044	0,296	0,002	0,010	0,064	FALSE
-0,026	0,320	0,000	0,007	0,014	FALSE
0,052	0,313	0,001	0,009	0,027	FALSE
0,007	0,306	0,000	0,007	0,015	FALSE
-0,004	0,318	0,000	0,012	0,003	FALSE
0,030	0,309	0,001	0,007	0,043	FALSE
-0,042	0,300	-0,002	0,011	0,072	FALSE
0,025	0,295	0,001	0,006	0,041	FALSE
0,021	0,309	0,001	0,013	0,040	FALSE
0,017	0,297	0,001	0,008	0,038	FALSE
-0,123	0,303	-0,005	0,011	0,188	FALSE
-0,172	0,300	-0,006	0,010	0,256	FALSE
0,104	0,310	0,002	0,008	0,110	FALSE
0,027	0,321	0,001	0,010	0,030	FALSE
0,036	0,298	0,001	0,010	0,056	FALSE
-0,023	0,315	0,000	0,007	0,003	FALSE
-0,012	0,315	-0,001	0,012	0,015	FALSE
-0,009	0,297	0,000	0,009	0,015	FALSE
0,029	0,316	0,001	0,008	0,033	FALSE

-0,130	0,312	-0,004	0,008	0,190	FALSE
-0,032	0,318	-0,001	0,006	0,054	FALSE
0,019	0,310	0,001	0,008	0,042	FALSE
0,059	0,306	0,001	0,006	0,086	FALSE
-0,050	0,307	-0,001	0,006	0,037	FALSE
0,198	0,300	0,005	0,007	0,293	FALSE
0,051	0,303	0,002	0,013	0,048	FALSE
0,016	0,304	-0,001	0,010	0,027	FALSE
-0,009	0,295	-0,002	0,010	0,064	FALSE
-0,059	0,303	-0,004	0,010	0,132	FALSE
0,076	0,312	0,002	0,009	0,083	FALSE
0,079	0,302	0,002	0,008	0,097	FALSE
-0,062	0,316	-0,002	0,010	0,057	FALSE
0,104	0,315	0,003	0,011	0,103	FALSE
-0,081	0,312	-0,002	0,009	0,095	FALSE
0,038	0,305	0,001	0,012	0,033	FALSE
0,025	0,304	0,001	0,012	0,025	FALSE
-0,052	0,306	-0,002	0,013	0,062	FALSE
-0,067	0,304	-0,003	0,011	0,119	FALSE
0,094	0,305	0,004	0,012	0,129	FALSE
0,028	0,306	0,000	0,006	0,004	FALSE
-0,019	0,303	-0,001	0,007	0,032	FALSE
0,021	0,311	0,000	0,008	0,003	FALSE
0,061	0,294	0,001	0,008	0,054	FALSE
-0,031	0,307	0,000	0,007	0,020	FALSE
0,070	0,296	0,002	0,012	0,068	FALSE
-0,093	0,325	-0,003	0,009	0,106	FALSE
0,019	0,329	0,001	0,010	0,034	FALSE
-0,063	0,312	-0,003	0,012	0,102	FALSE
0,067	0,314	0,002	0,008	0,098	FALSE
0,038	0,303	0,000	0,007	0,013	FALSE
-0,011	0,312	-0,001	0,011	0,030	FALSE
0,043	0,308	0,001	0,012	0,041	FALSE
0,040	0,303	0,001	0,008	0,055	FALSE
0,087	0,300	0,002	0,009	0,080	FALSE
-0,033	0,311	-0,001	0,011	0,016	FALSE
-0,020	0,306	-0,001	0,007	0,045	FALSE
-0,134	0,283	-0,004	0,008	0,200	FALSE
0,143	0,301	0,003	0,007	0,211	FALSE
0,091	0,293	0,003	0,009	0,140	FALSE
-0,214	0,299	-0,006	0,009	0,318	FALSE
-0,098	0,305	-0,002	0,007	0,096	FALSE
-0,016	0,320	-0,001	0,009	0,036	FALSE
-0,022	0,312	-0,001	0,009	0,047	FALSE
0,098	0,315	0,002	0,009	0,086	FALSE
0,153	0,308	0,004	0,007	0,222	FALSE
0,090	0,309	0,004	0,013	0,127	FALSE
0,130	0,316	0,003	0,006	0,174	FALSE
-0,019	0,312	-0,002	0,013	0,057	FALSE
0,087	0,306	0,004	0,010	0,151	FALSE
0,072	0,311	0,001	0,009	0,052	FALSE
-0,038	0,297	-0,001	0,007	0,065	FALSE
-0,116	0,312	-0,003	0,008	0,157	FALSE

0,034	0,314	0,002	0,013	0,056	FALSE
-0,006	0,313	-0,001	0,012	0,021	FALSE
0,009	0,316	0,001	0,009	0,030	FALSE
0,047	0,304	0,001	0,007	0,059	FALSE
-0,002	0,318	0,000	0,009	0,004	FALSE
-0,032	0,314	-0,001	0,009	0,029	FALSE
-0,026	0,304	-0,001	0,011	0,023	FALSE
-0,024	0,311	-0,002	0,012	0,061	FALSE
0,001	0,318	0,000	0,007	0,003	FALSE
0,211	0,306	0,009	0,012	0,321	FALSE
0,175	0,297	0,007	0,012	0,263	FALSE
-0,024	0,320	-0,002	0,009	0,069	FALSE
-0,100	0,301	-0,003	0,012	0,109	FALSE
0,049	0,311	0,001	0,007	0,051	FALSE
-0,006	0,325	-0,001	0,011	0,030	FALSE
-0,087	0,306	-0,002	0,010	0,086	FALSE
-0,073	0,305	-0,002	0,007	0,091	FALSE
-0,229	0,300	-0,008	0,011	0,334	FALSE
-0,159	0,294	-0,004	0,008	0,192	FALSE
-0,033	0,304	-0,001	0,012	0,020	FALSE
0,007	0,289	0,000	0,012	0,010	FALSE
0,005	0,307	0,001	0,013	0,025	FALSE
-0,054	0,301	-0,002	0,010	0,087	FALSE
0,100	0,300	0,003	0,007	0,179	FALSE
-0,018	0,308	0,000	0,012	0,014	FALSE
-0,006	0,313	-0,001	0,010	0,035	FALSE
0,004	0,321	0,000	0,011	0,006	FALSE
-0,010	0,306	0,000	0,008	0,009	FALSE
0,010	0,295	0,001	0,012	0,027	FALSE
0,068	0,313	0,002	0,009	0,092	FALSE
0,079	0,314	0,001	0,006	0,065	FALSE
-0,120	0,309	-0,003	0,008	0,154	FALSE
-0,060	0,312	-0,002	0,011	0,082	FALSE
-0,037	0,308	-0,002	0,012	0,046	FALSE
-0,076	0,303	-0,002	0,006	0,095	FALSE
0,020	0,318	0,001	0,012	0,034	FALSE
-0,026	0,305	-0,001	0,010	0,051	FALSE
-0,096	0,287	-0,002	0,012	0,076	FALSE
-0,080	0,300	-0,002	0,013	0,044	FALSE
-0,090	0,305	-0,002	0,013	0,049	FALSE
-0,084	0,318	-0,002	0,013	0,053	FALSE
-0,100	0,309	-0,003	0,013	0,085	FALSE
0,022	0,315	0,000	0,009	0,008	FALSE
-0,002	0,306	0,000	0,007	0,021	FALSE
0,070	0,287	0,002	0,006	0,099	FALSE
0,045	0,305	0,002	0,011	0,081	FALSE
0,012	0,304	0,000	0,009	0,017	FALSE
0,070	0,312	0,002	0,008	0,113	FALSE
-0,016	0,314	0,000	0,008	0,001	FALSE
-0,093	0,301	-0,003	0,012	0,103	FALSE
-0,048	0,312	-0,002	0,011	0,054	FALSE
-0,129	0,303	-0,004	0,012	0,143	FALSE
-0,109	0,292	-0,004	0,012	0,119	FALSE

-0,113	0,308	-0,002	0,008	0,115	FALSE
-0,078	0,310	-0,001	0,006	0,075	FALSE
0,122	0,291	0,003	0,006	0,163	FALSE
0,006	0,305	0,001	0,006	0,047	FALSE
-0,048	0,301	-0,001	0,012	0,043	FALSE
0,076	0,299	0,002	0,008	0,085	FALSE
-0,007	0,306	0,000	0,006	0,020	FALSE
0,070	0,312	0,002	0,011	0,087	FALSE
0,007	0,303	0,000	0,010	0,012	FALSE
0,045	0,317	0,002	0,010	0,075	FALSE
0,116	0,300	0,004	0,011	0,160	FALSE
-0,063	0,306	-0,002	0,012	0,079	FALSE
0,117	0,289	0,006	0,010	0,230	FALSE
0,075	0,306	0,002	0,006	0,103	FALSE
-0,063	0,312	-0,004	0,012	0,118	FALSE
0,077	0,293	0,004	0,009	0,159	FALSE
0,070	0,306	0,003	0,010	0,128	FALSE
0,046	0,307	0,003	0,010	0,108	FALSE
0,049	0,290	0,003	0,009	0,108	FALSE
0,057	0,293	0,003	0,009	0,136	FALSE
0,050	0,292	0,003	0,009	0,124	FALSE
0,075	0,287	0,003	0,009	0,141	FALSE
0,080	0,312	0,004	0,010	0,146	FALSE
0,050	0,294	0,003	0,009	0,123	FALSE
0,065	0,308	0,002	0,006	0,092	FALSE
0,076	0,298	0,004	0,011	0,149	FALSE
0,133	0,298	0,006	0,012	0,220	FALSE
0,096	0,316	0,005	0,012	0,148	FALSE
0,110	0,311	0,004	0,010	0,152	FALSE
-0,028	0,308	-0,001	0,009	0,046	FALSE
-0,049	0,318	-0,001	0,009	0,048	FALSE
-0,087	0,294	-0,003	0,008	0,140	FALSE
0,040	0,311	0,001	0,010	0,050	FALSE
0,064	0,313	0,001	0,007	0,081	FALSE
-0,030	0,290	0,000	0,006	0,018	FALSE
-0,016	0,309	0,000	0,006	0,001	FALSE
-0,052	0,304	-0,001	0,006	0,051	FALSE
-0,014	0,310	0,000	0,006	0,006	FALSE
-0,017	0,304	0,000	0,006	0,003	FALSE
-0,116	0,312	-0,002	0,006	0,155	FALSE
0,058	0,313	0,001	0,011	0,038	FALSE
-0,117	0,304	-0,004	0,012	0,138	FALSE
0,001	0,312	0,000	0,009	0,003	FALSE
0,009	0,302	0,000	0,009	0,014	FALSE
-0,066	0,302	-0,002	0,012	0,064	FALSE
-0,093	0,307	-0,002	0,009	0,099	FALSE
-0,050	0,306	-0,001	0,007	0,058	FALSE
-0,061	0,306	-0,001	0,008	0,049	FALSE
-0,109	0,309	-0,002	0,008	0,125	FALSE
-0,057	0,305	-0,002	0,010	0,057	FALSE
0,127	0,309	0,004	0,010	0,169	FALSE
0,034	0,314	0,002	0,011	0,080	FALSE
-0,060	0,328	-0,001	0,007	0,061	FALSE

-0,104	0,310	-0,003	0,010	0,143	FALSE
0,044	0,320	0,001	0,010	0,040	FALSE
0,124	0,319	0,004	0,009	0,185	FALSE
-0,068	0,308	-0,003	0,011	0,093	FALSE
0,006	0,317	0,000	0,012	0,007	FALSE
-0,020	0,318	-0,001	0,013	0,031	FALSE
0,000	0,285	0,000	0,007	0,019	FALSE
-0,098	0,312	-0,002	0,007	0,131	FALSE
-0,112	0,318	-0,003	0,008	0,139	FALSE
-0,055	0,302	-0,001	0,006	0,054	FALSE
0,021	0,293	0,002	0,011	0,049	FALSE
-0,022	0,318	0,000	0,007	0,021	FALSE
-0,101	0,304	-0,003	0,007	0,149	FALSE
-0,072	0,302	-0,002	0,008	0,106	FALSE
-0,059	0,309	-0,002	0,010	0,093	FALSE
-0,051	0,288	-0,002	0,009	0,071	FALSE
-0,052	0,303	-0,002	0,009	0,086	FALSE
0,040	0,326	0,002	0,013	0,052	FALSE
-0,030	0,323	-0,001	0,011	0,033	FALSE
-0,074	0,316	-0,002	0,009	0,092	FALSE
0,047	0,307	0,001	0,009	0,056	FALSE
-0,028	0,317	-0,001	0,011	0,021	FALSE
0,043	0,308	0,001	0,013	0,039	FALSE
0,038	0,302	0,001	0,007	0,037	FALSE
-0,020	0,304	0,000	0,006	0,008	FALSE
0,032	0,305	0,001	0,007	0,052	FALSE
0,045	0,294	0,002	0,012	0,052	FALSE
-0,036	0,292	-0,002	0,009	0,080	FALSE
-0,145	0,305	-0,004	0,009	0,214	FALSE
0,016	0,306	0,000	0,008	0,022	FALSE
0,122	0,299	0,002	0,006	0,140	FALSE
-0,070	0,302	-0,003	0,009	0,126	FALSE
0,189	0,285	0,006	0,010	0,244	FALSE
-0,116	0,299	-0,004	0,011	0,145	FALSE
0,077	0,317	0,002	0,008	0,112	FALSE
-0,118	0,307	-0,004	0,010	0,158	FALSE
-0,014	0,313	-0,001	0,011	0,020	FALSE
-0,038	0,307	0,000	0,011	0,013	FALSE
0,009	0,307	0,000	0,008	0,002	FALSE
0,081	0,308	0,002	0,007	0,114	FALSE
0,008	0,314	0,000	0,010	0,005	FALSE
-0,028	0,312	-0,001	0,012	0,036	FALSE
0,003	0,302	0,000	0,010	0,003	FALSE
-0,108	0,313	-0,003	0,009	0,120	FALSE
0,089	0,301	0,003	0,010	0,138	FALSE
0,043	0,302	0,002	0,010	0,072	FALSE
0,082	0,297	0,002	0,009	0,096	FALSE
0,022	0,320	0,001	0,010	0,034	FALSE
0,029	0,301	0,000	0,007	0,017	FALSE
0,047	0,310	0,001	0,006	0,034	FALSE
0,031	0,317	0,000	0,007	0,006	FALSE
0,051	0,314	0,001	0,008	0,064	FALSE
0,056	0,316	0,001	0,007	0,053	FALSE

-0,007	0,305	-0,001	0,011	0,039	FALSE
0,006	0,315	0,001	0,012	0,026	FALSE
-0,007	0,321	0,000	0,012	0,009	FALSE
-0,037	0,313	-0,001	0,007	0,026	FALSE
-0,075	0,306	-0,003	0,012	0,082	FALSE
-0,097	0,298	-0,003	0,013	0,101	FALSE
0,022	0,296	0,000	0,011	0,012	FALSE
-0,044	0,304	-0,001	0,012	0,044	FALSE
0,163	0,307	0,004	0,007	0,218	FALSE
-0,102	0,304	-0,004	0,013	0,130	FALSE
-0,014	0,313	0,000	0,006	0,010	FALSE
-0,029	0,312	-0,002	0,009	0,062	FALSE
0,064	0,280	0,002	0,009	0,085	FALSE
0,036	0,306	0,001	0,011	0,046	FALSE
0,014	0,324	0,001	0,007	0,033	FALSE
-0,028	0,304	-0,001	0,007	0,030	FALSE
0,064	0,302	0,002	0,010	0,082	FALSE
0,013	0,319	0,000	0,008	0,014	FALSE
0,041	0,303	0,001	0,009	0,060	FALSE
0,055	0,295	0,002	0,011	0,087	FALSE
0,071	0,299	0,002	0,012	0,075	FALSE
-0,001	0,311	0,000	0,006	0,027	FALSE
0,021	0,321	0,000	0,008	0,004	FALSE
0,012	0,307	0,001	0,012	0,017	FALSE
-0,012	0,297	0,000	0,006	0,013	FALSE
0,034	0,331	0,000	0,007	0,023	FALSE
-0,057	0,313	-0,002	0,011	0,078	FALSE
0,047	0,309	0,001	0,008	0,048	FALSE
-0,060	0,312	-0,003	0,013	0,075	FALSE
0,037	0,314	0,001	0,010	0,049	FALSE
-0,015	0,303	-0,001	0,010	0,037	FALSE
-0,007	0,305	0,000	0,009	0,015	FALSE
0,049	0,309	0,001	0,010	0,052	FALSE
0,097	0,304	0,002	0,007	0,131	FALSE
0,037	0,306	0,001	0,011	0,041	FALSE
-0,155	0,304	-0,005	0,010	0,183	FALSE
0,087	0,321	0,003	0,011	0,109	FALSE
-0,103	0,316	-0,002	0,007	0,132	FALSE
0,084	0,292	0,004	0,011	0,133	FALSE
-0,074	0,320	-0,002	0,009	0,082	FALSE
-0,082	0,300	-0,003	0,010	0,126	FALSE
-0,062	0,293	-0,003	0,010	0,107	FALSE
0,073	0,317	0,002	0,007	0,108	FALSE
-0,023	0,295	0,000	0,007	0,007	FALSE
-0,033	0,313	-0,001	0,007	0,065	FALSE
0,032	0,304	0,001	0,007	0,043	FALSE
-0,031	0,324	0,000	0,007	0,005	FALSE
0,066	0,313	0,004	0,012	0,111	FALSE
-0,007	0,311	-0,001	0,011	0,029	FALSE
0,071	0,327	0,002	0,008	0,093	FALSE
-0,013	0,309	-0,001	0,013	0,018	FALSE
0,040	0,314	0,002	0,009	0,069	FALSE
-0,046	0,302	-0,001	0,006	0,045	FALSE

0,014	0,278	0,000	0,006	0,000	FALSE
-0,050	0,318	-0,002	0,013	0,054	FALSE
-0,067	0,310	-0,003	0,013	0,090	FALSE
-0,066	0,312	-0,003	0,012	0,101	FALSE
0,033	0,313	0,001	0,012	0,043	FALSE
-0,058	0,314	-0,003	0,012	0,099	FALSE
0,063	0,307	0,003	0,012	0,082	FALSE
0,066	0,307	0,002	0,009	0,098	FALSE
0,054	0,312	0,002	0,007	0,081	FALSE
-0,033	0,327	-0,001	0,008	0,049	FALSE
-0,101	0,301	-0,003	0,008	0,125	FALSE
-0,048	0,319	-0,001	0,008	0,032	FALSE
-0,031	0,313	0,000	0,007	0,012	FALSE
0,024	0,298	0,001	0,008	0,053	FALSE
-0,134	0,298	-0,005	0,012	0,162	FALSE
-0,066	0,298	-0,002	0,011	0,066	FALSE
-0,071	0,300	-0,002	0,012	0,069	FALSE
-0,023	0,307	-0,001	0,011	0,034	FALSE
0,015	0,313	0,001	0,009	0,021	FALSE
0,062	0,314	0,002	0,010	0,080	FALSE
0,110	0,289	0,004	0,012	0,135	FALSE
0,046	0,305	0,001	0,007	0,037	FALSE
-0,016	0,306	0,000	0,007	0,013	FALSE
-0,040	0,299	-0,001	0,010	0,024	FALSE
0,018	0,329	0,000	0,013	0,009	FALSE
-0,022	0,326	-0,001	0,013	0,017	FALSE
-0,004	0,319	0,000	0,013	0,002	FALSE
0,001	0,323	0,000	0,013	0,004	FALSE
-0,013	0,311	-0,001	0,012	0,016	FALSE
0,016	0,318	0,001	0,013	0,026	FALSE
0,014	0,319	0,000	0,013	0,009	FALSE
0,024	0,317	0,001	0,013	0,022	FALSE
0,019	0,319	0,001	0,012	0,027	FALSE
-0,023	0,320	-0,001	0,013	0,033	FALSE
-0,105	0,326	-0,002	0,007	0,115	FALSE
-0,117	0,320	-0,002	0,006	0,152	FALSE
-0,098	0,305	-0,002	0,007	0,132	FALSE
-0,123	0,297	-0,004	0,011	0,129	FALSE
0,028	0,323	0,001	0,010	0,043	FALSE
-0,043	0,304	-0,002	0,011	0,054	FALSE
-0,040	0,318	0,000	0,009	0,016	FALSE
-0,055	0,292	-0,001	0,008	0,059	FALSE
0,045	0,316	0,001	0,006	0,063	FALSE
-0,025	0,300	-0,001	0,008	0,040	FALSE
-0,095	0,305	-0,002	0,008	0,123	FALSE
0,084	0,317	0,001	0,007	0,080	FALSE
-0,004	0,307	-0,001	0,009	0,030	FALSE
0,063	0,302	0,001	0,008	0,063	FALSE
0,138	0,309	0,005	0,012	0,180	FALSE
0,033	0,322	0,000	0,008	0,021	FALSE
0,030	0,303	0,000	0,010	0,008	FALSE
-0,008	0,329	-0,001	0,013	0,014	FALSE
-0,017	0,321	-0,001	0,013	0,022	FALSE

-0,003	0,321	0,000	0,013	0,007	FALSE
0,003	0,308	0,001	0,008	0,026	FALSE
0,063	0,309	0,001	0,008	0,040	FALSE
0,093	0,299	0,001	0,007	0,059	FALSE
0,004	0,297	0,000	0,010	0,002	FALSE
0,034	0,311	0,001	0,010	0,025	FALSE
0,008	0,304	0,000	0,010	0,001	FALSE
0,002	0,299	0,000	0,010	0,010	FALSE
0,017	0,298	0,000	0,010	0,008	FALSE
0,005	0,302	0,000	0,010	0,009	FALSE
0,042	0,301	0,001	0,010	0,048	FALSE
0,030	0,311	0,001	0,009	0,031	FALSE
-0,003	0,307	-0,001	0,009	0,020	FALSE
0,051	0,308	0,001	0,010	0,050	FALSE
0,007	0,293	0,000	0,009	0,014	FALSE
0,002	0,322	0,001	0,009	0,020	FALSE
0,173	0,304	0,005	0,009	0,258	FALSE
-0,017	0,319	-0,001	0,013	0,033	FALSE
0,119	0,313	0,005	0,009	0,215	FALSE
-0,003	0,304	0,000	0,012	0,001	FALSE
-0,017	0,315	-0,001	0,012	0,016	FALSE
0,004	0,311	0,000	0,012	0,006	FALSE
-0,011	0,301	-0,001	0,012	0,029	FALSE
0,103	0,307	0,003	0,012	0,112	FALSE
-0,037	0,296	0,000	0,010	0,016	FALSE
0,038	0,302	0,002	0,008	0,082	FALSE
0,108	0,308	0,005	0,012	0,177	FALSE
0,001	0,323	0,000	0,013	0,004	FALSE
0,069	0,298	0,002	0,008	0,077	FALSE
0,102	0,305	0,003	0,010	0,095	FALSE
0,188	0,291	0,004	0,007	0,298	FALSE
-0,001	0,316	0,000	0,009	0,008	FALSE
0,097	0,299	0,004	0,012	0,133	FALSE
-0,003	0,323	0,000	0,009	0,001	FALSE
-0,092	0,305	-0,003	0,008	0,129	FALSE
0,001	0,317	0,000	0,013	0,003	FALSE
-0,002	0,316	0,000	0,012	0,003	FALSE
-0,009	0,319	-0,001	0,013	0,019	FALSE
0,024	0,318	0,001	0,013	0,025	FALSE
0,026	0,313	0,001	0,012	0,021	FALSE
0,012	0,324	0,000	0,013	0,011	FALSE
0,016	0,316	0,001	0,012	0,019	FALSE
0,040	0,324	0,001	0,013	0,028	FALSE
0,016	0,312	0,001	0,013	0,024	FALSE
0,046	0,326	0,002	0,013	0,052	FALSE
-0,027	0,308	-0,001	0,012	0,020	FALSE
-0,004	0,319	0,000	0,013	0,009	FALSE
0,007	0,324	0,000	0,013	0,001	FALSE
0,002	0,309	0,000	0,012	0,010	FALSE
0,019	0,324	0,001	0,013	0,017	FALSE
0,145	0,292	0,005	0,010	0,213	FALSE
0,165	0,302	0,006	0,012	0,216	FALSE
0,128	0,312	0,005	0,010	0,191	FALSE

0,053	0,310	0,002	0,013	0,062	FALSE
0,027	0,310	0,001	0,012	0,023	FALSE
-0,014	0,315	-0,001	0,012	0,027	FALSE
0,018	0,322	0,001	0,013	0,019	FALSE
0,006	0,320	0,000	0,012	0,010	FALSE
0,007	0,313	0,000	0,012	0,006	FALSE
0,013	0,310	0,000	0,012	0,009	FALSE
-0,006	0,322	0,000	0,013	0,006	FALSE
0,017	0,307	0,001	0,012	0,015	FALSE
0,009	0,318	0,000	0,012	0,008	FALSE
-0,007	0,314	0,000	0,012	0,008	FALSE
0,019	0,329	0,000	0,013	0,012	FALSE
-0,016	0,324	-0,001	0,013	0,018	FALSE
-0,061	0,318	-0,002	0,013	0,054	FALSE
-0,011	0,318	0,000	0,013	0,011	FALSE
-0,015	0,297	0,000	0,011	0,000	FALSE
-0,051	0,284	-0,001	0,008	0,038	FALSE
0,121	0,309	0,003	0,008	0,168	FALSE
0,107	0,307	0,004	0,012	0,142	FALSE
0,176	0,310	0,004	0,007	0,269	FALSE
0,148	0,311	0,005	0,009	0,216	FALSE
0,091	0,304	0,003	0,009	0,154	FALSE
-0,224	0,312	-0,005	0,007	0,295	FALSE
0,019	0,316	0,001	0,012	0,045	FALSE
0,004	0,310	0,000	0,006	0,002	FALSE
0,005	0,313	0,000	0,008	0,003	FALSE
0,023	0,314	0,001	0,008	0,034	FALSE
0,027	0,311	0,000	0,008	0,013	FALSE
0,000	0,300	0,000	0,008	0,015	FALSE
0,064	0,306	0,002	0,008	0,084	FALSE
0,088	0,293	0,004	0,012	0,114	FALSE
0,162	0,292	0,007	0,012	0,247	FALSE
-0,075	0,301	-0,003	0,013	0,105	FALSE
0,032	0,304	0,002	0,011	0,057	FALSE
0,085	0,307	0,005	0,012	0,160	FALSE
0,004	0,309	0,001	0,010	0,020	FALSE
0,119	0,310	0,006	0,013	0,195	FALSE
0,059	0,294	0,002	0,012	0,073	FALSE
0,066	0,300	0,003	0,012	0,094	FALSE
-0,038	0,318	-0,001	0,007	0,037	FALSE
0,096	0,310	0,003	0,008	0,164	FALSE
0,121	0,306	0,005	0,012	0,158	FALSE
-0,117	0,311	-0,005	0,013	0,146	FALSE
0,126	0,313	0,004	0,009	0,181	FALSE
0,089	0,314	0,003	0,012	0,101	FALSE
-0,022	0,326	-0,001	0,011	0,017	FALSE
-0,014	0,313	0,001	0,011	0,025	FALSE
-0,099	0,310	-0,002	0,009	0,109	FALSE
-0,053	0,319	-0,001	0,009	0,048	FALSE
-0,168	0,288	-0,003	0,007	0,210	FALSE
0,021	0,308	0,001	0,007	0,048	FALSE
-0,121	0,302	-0,002	0,006	0,126	FALSE
-0,117	0,302	-0,002	0,006	0,133	FALSE

-0,088	0,304	-0,002	0,007	0,104	FALSE
0,066	0,296	0,002	0,009	0,082	FALSE
0,137	0,300	0,004	0,010	0,182	FALSE
-0,085	0,306	-0,002	0,009	0,079	FALSE
-0,148	0,288	-0,003	0,007	0,185	FALSE
0,051	0,308	0,002	0,010	0,093	FALSE
0,006	0,310	0,001	0,012	0,020	FALSE
0,026	0,315	0,001	0,013	0,024	FALSE
-0,151	0,300	-0,004	0,009	0,181	FALSE
-0,079	0,305	-0,001	0,007	0,073	FALSE
-0,072	0,298	-0,002	0,008	0,084	FALSE
-0,109	0,316	-0,003	0,009	0,115	FALSE
-0,097	0,289	-0,002	0,009	0,105	FALSE
-0,145	0,308	-0,005	0,011	0,182	FALSE
-0,126	0,312	-0,004	0,010	0,168	FALSE
-0,120	0,310	-0,003	0,010	0,126	FALSE
-0,188	0,286	-0,006	0,011	0,234	FALSE
-0,155	0,287	-0,005	0,011	0,176	FALSE
-0,151	0,281	-0,004	0,011	0,171	FALSE
-0,161	0,300	-0,005	0,010	0,188	FALSE
-0,165	0,301	-0,005	0,009	0,228	FALSE
-0,006	0,310	0,000	0,006	0,007	FALSE
0,008	0,308	0,000	0,012	0,007	FALSE
0,000	0,312	0,000	0,012	0,012	FALSE
-0,010	0,298	0,000	0,008	0,006	FALSE
-0,083	0,306	-0,002	0,007	0,100	FALSE
-0,194	0,296	-0,005	0,007	0,287	FALSE
0,040	0,308	0,001	0,009	0,041	FALSE
0,010	0,291	0,001	0,008	0,042	FALSE
-0,122	0,305	-0,004	0,009	0,176	FALSE
0,081	0,310	0,002	0,006	0,106	FALSE
0,007	0,308	0,000	0,006	0,001	FALSE
0,000	0,307	0,000	0,007	0,003	FALSE
0,056	0,312	0,002	0,010	0,055	FALSE
0,084	0,298	0,003	0,007	0,137	FALSE
0,050	0,307	0,002	0,010	0,069	FALSE
0,032	0,302	0,001	0,009	0,047	FALSE
0,107	0,297	0,003	0,009	0,123	FALSE
-0,026	0,306	-0,001	0,007	0,027	FALSE
0,091	0,302	0,004	0,011	0,133	FALSE
0,031	0,315	0,001	0,009	0,056	FALSE
-0,090	0,310	-0,005	0,012	0,152	FALSE
0,048	0,297	0,002	0,008	0,076	FALSE
0,015	0,312	0,001	0,009	0,039	FALSE
0,075	0,305	0,002	0,008	0,118	FALSE
-0,039	0,313	-0,001	0,007	0,029	FALSE
0,035	0,307	0,001	0,012	0,037	FALSE
0,025	0,318	0,001	0,012	0,038	FALSE
0,029	0,312	0,000	0,007	0,002	FALSE
0,080	0,305	0,003	0,012	0,114	FALSE
0,055	0,309	0,003	0,012	0,079	FALSE
0,110	0,304	0,003	0,007	0,150	FALSE
0,024	0,312	0,001	0,007	0,027	FALSE

0,159	0,318	0,005	0,011	0,185	FALSE
0,187	0,309	0,006	0,011	0,234	FALSE
0,172	0,292	0,005	0,010	0,228	FALSE
0,034	0,310	0,001	0,012	0,035	FALSE
0,206	0,292	0,006	0,010	0,270	FALSE
0,043	0,312	0,002	0,010	0,071	FALSE
0,031	0,316	0,001	0,010	0,055	FALSE
0,016	0,313	0,000	0,008	0,007	FALSE
0,003	0,312	0,000	0,006	0,006	FALSE
0,010	0,311	0,000	0,008	0,016	FALSE
-0,044	0,307	-0,001	0,007	0,076	FALSE
-0,117	0,293	-0,002	0,007	0,130	FALSE
0,150	0,300	0,003	0,007	0,212	FALSE
-0,090	0,309	-0,003	0,011	0,115	FALSE
-0,043	0,305	-0,001	0,010	0,057	FALSE
-0,019	0,305	-0,001	0,007	0,030	FALSE
-0,066	0,305	-0,002	0,010	0,080	FALSE
-0,086	0,296	-0,003	0,010	0,114	FALSE
0,015	0,311	0,001	0,008	0,051	FALSE
0,001	0,304	-0,001	0,010	0,024	FALSE
0,005	0,311	0,001	0,012	0,022	FALSE
0,036	0,315	0,000	0,010	0,006	FALSE
-0,008	0,315	0,000	0,012	0,003	FALSE
-0,022	0,315	0,000	0,008	0,020	FALSE
0,044	0,323	0,002	0,013	0,060	FALSE
0,033	0,305	0,002	0,012	0,052	FALSE
0,096	0,300	0,004	0,010	0,148	FALSE
0,038	0,312	0,002	0,012	0,061	FALSE
0,123	0,302	0,004	0,011	0,130	FALSE
0,146	0,297	0,005	0,011	0,180	FALSE
0,140	0,310	0,005	0,012	0,161	FALSE
0,138	0,297	0,005	0,011	0,161	FALSE
0,067	0,298	0,001	0,007	0,072	FALSE
-0,065	0,300	-0,002	0,008	0,076	FALSE
-0,004	0,314	0,000	0,006	0,020	FALSE
0,035	0,307	0,001	0,007	0,048	FALSE
0,255	0,292	0,007	0,009	0,384	FALSE
0,129	0,290	0,005	0,011	0,185	FALSE
0,117	0,303	0,005	0,013	0,147	FALSE
0,151	0,286	0,007	0,012	0,232	FALSE
0,104	0,313	0,004	0,010	0,150	FALSE
0,094	0,291	0,003	0,007	0,151	FALSE
0,091	0,307	0,002	0,008	0,126	FALSE
0,007	0,298	0,000	0,007	0,021	FALSE
0,133	0,302	0,004	0,008	0,205	FALSE
0,049	0,303	0,001	0,007	0,048	FALSE
0,052	0,307	0,001	0,007	0,055	FALSE
0,017	0,302	0,001	0,007	0,027	FALSE
0,060	0,307	0,002	0,010	0,078	FALSE
0,059	0,301	0,002	0,010	0,084	FALSE
-0,062	0,313	-0,001	0,008	0,055	FALSE
-0,043	0,302	-0,002	0,009	0,061	FALSE
-0,052	0,303	-0,001	0,009	0,046	FALSE

-0,152	0,312	-0,005	0,009	0,224	FALSE
0,012	0,330	0,001	0,013	0,031	FALSE
-0,223	0,305	-0,005	0,007	0,323	FALSE
0,085	0,298	0,003	0,012	0,102	FALSE
-0,036	0,301	0,000	0,010	0,000	FALSE
0,232	0,291	0,009	0,010	0,398	FALSE
-0,076	0,316	-0,001	0,007	0,066	FALSE
-0,045	0,310	-0,002	0,008	0,074	FALSE
-0,004	0,298	0,000	0,013	0,005	FALSE
0,117	0,298	0,002	0,006	0,143	FALSE
-0,161	0,312	-0,003	0,006	0,193	FALSE
0,020	0,312	0,001	0,011	0,032	FALSE
-0,071	0,315	-0,002	0,009	0,095	FALSE
0,028	0,306	0,001	0,011	0,050	FALSE
0,073	0,323	0,003	0,011	0,092	FALSE
0,143	0,314	0,005	0,013	0,168	FALSE
0,139	0,313	0,006	0,013	0,184	FALSE
-0,048	0,314	-0,001	0,011	0,032	FALSE
0,135	0,320	0,005	0,013	0,160	FALSE
-0,031	0,305	0,000	0,011	0,007	FALSE
-0,045	0,313	-0,001	0,011	0,028	FALSE
0,013	0,308	0,001	0,011	0,041	FALSE
0,144	0,300	0,004	0,007	0,198	FALSE
-0,042	0,311	-0,001	0,008	0,066	FALSE
0,006	0,309	-0,001	0,008	0,031	FALSE
-0,053	0,308	-0,002	0,010	0,067	FALSE
-0,066	0,303	-0,002	0,009	0,089	FALSE
0,115	0,310	0,003	0,007	0,187	FALSE
-0,227	0,292	-0,009	0,011	0,360	FALSE
-0,101	0,310	-0,002	0,008	0,108	FALSE
0,067	0,300	0,002	0,010	0,074	FALSE
-0,112	0,283	-0,006	0,012	0,204	FALSE
0,032	0,310	0,000	0,008	0,018	FALSE
0,091	0,304	0,003	0,007	0,154	FALSE
0,009	0,296	0,001	0,012	0,017	FALSE
-0,006	0,299	0,000	0,011	0,010	FALSE
-0,112	0,306	-0,002	0,007	0,110	FALSE
-0,095	0,315	-0,002	0,008	0,099	FALSE
0,142	0,302	0,005	0,010	0,194	FALSE
-0,008	0,308	0,001	0,007	0,029	FALSE
0,015	0,319	0,001	0,009	0,031	FALSE
0,018	0,299	-0,001	0,012	0,022	FALSE
0,081	0,290	0,002	0,006	0,134	FALSE
0,112	0,304	0,004	0,010	0,163	FALSE
0,158	0,312	0,006	0,011	0,231	FALSE
0,154	0,299	0,006	0,011	0,229	FALSE
0,069	0,301	0,002	0,008	0,073	FALSE
-0,085	0,294	-0,002	0,006	0,098	FALSE
0,069	0,307	0,002	0,009	0,075	FALSE
-0,072	0,308	-0,001	0,007	0,081	FALSE
-0,072	0,303	-0,001	0,006	0,076	FALSE
-0,105	0,284	-0,002	0,006	0,147	FALSE
-0,048	0,305	-0,002	0,012	0,054	FALSE

-0,123	0,304	-0,002	0,007	0,141	FALSE
0,031	0,293	0,002	0,011	0,079	FALSE
0,025	0,304	0,001	0,011	0,024	FALSE
-0,142	0,285	-0,004	0,012	0,149	FALSE
-0,154	0,282	-0,005	0,011	0,173	FALSE
-0,117	0,289	-0,005	0,011	0,164	FALSE
-0,175	0,288	-0,005	0,009	0,242	FALSE
-0,028	0,301	-0,002	0,013	0,059	FALSE
0,005	0,297	0,000	0,010	0,004	FALSE
-0,010	0,305	-0,002	0,013	0,061	FALSE
-0,009	0,301	-0,002	0,012	0,050	FALSE
-0,075	0,303	-0,002	0,007	0,130	FALSE
-0,037	0,325	0,000	0,010	0,015	FALSE
-0,070	0,292	-0,004	0,012	0,128	FALSE
0,018	0,331	0,000	0,008	0,012	FALSE
-0,105	0,301	-0,002	0,007	0,129	FALSE
-0,042	0,317	-0,002	0,011	0,066	FALSE
-0,064	0,303	-0,002	0,010	0,065	FALSE
0,027	0,313	0,001	0,011	0,029	FALSE
-0,008	0,318	0,000	0,011	0,000	FALSE
0,054	0,313	0,002	0,010	0,067	FALSE
0,047	0,300	0,001	0,009	0,056	FALSE
0,031	0,305	0,001	0,009	0,033	FALSE
0,028	0,296	0,001	0,011	0,034	FALSE
-0,148	0,306	-0,006	0,011	0,230	FALSE
0,018	0,308	0,000	0,010	0,013	FALSE
0,011	0,308	0,000	0,007	0,012	FALSE
-0,105	0,310	-0,004	0,012	0,117	FALSE
-0,085	0,313	-0,003	0,011	0,088	FALSE
0,097	0,308	0,003	0,009	0,136	FALSE
0,030	0,319	0,001	0,013	0,035	FALSE
-0,088	0,300	-0,004	0,012	0,119	FALSE
-0,097	0,310	-0,004	0,012	0,135	FALSE
-0,066	0,302	-0,002	0,012	0,079	FALSE
0,098	0,301	0,002	0,007	0,116	FALSE
-0,079	0,309	-0,002	0,007	0,083	FALSE
-0,138	0,281	-0,007	0,012	0,255	FALSE
0,060	0,302	0,003	0,012	0,088	FALSE
-0,035	0,296	-0,001	0,010	0,034	FALSE
-0,025	0,301	0,000	0,007	0,019	FALSE
-0,034	0,325	-0,001	0,006	0,032	FALSE
0,024	0,299	0,001	0,011	0,052	FALSE
-0,097	0,299	-0,004	0,012	0,116	FALSE
0,050	0,311	0,002	0,011	0,084	FALSE
-0,037	0,307	-0,001	0,009	0,032	FALSE
0,161	0,296	0,003	0,007	0,201	FALSE
0,033	0,301	0,000	0,010	0,010	FALSE
0,026	0,311	0,001	0,012	0,036	FALSE
-0,064	0,309	-0,002	0,012	0,072	FALSE
-0,063	0,314	-0,002	0,013	0,062	FALSE
-0,062	0,318	-0,002	0,013	0,063	FALSE
0,124	0,307	0,003	0,007	0,163	FALSE
-0,177	0,294	-0,007	0,012	0,258	FALSE

0,123	0,293	0,005	0,010	0,194	FALSE
-0,015	0,314	-0,001	0,008	0,040	FALSE
-0,053	0,292	-0,001	0,006	0,041	FALSE
0,021	0,313	0,000	0,007	0,019	FALSE
-0,078	0,315	-0,002	0,010	0,071	FALSE
-0,048	0,307	-0,001	0,007	0,060	FALSE
-0,046	0,306	-0,001	0,008	0,041	FALSE
0,002	0,320	0,000	0,010	0,010	FALSE
0,062	0,307	0,002	0,009	0,071	FALSE
-0,095	0,320	-0,003	0,010	0,119	FALSE
-0,006	0,309	-0,001	0,009	0,030	FALSE
0,014	0,303	0,000	0,008	0,008	FALSE
0,031	0,305	0,001	0,007	0,025	FALSE
-0,059	0,313	-0,003	0,012	0,087	FALSE
-0,072	0,305	-0,003	0,011	0,099	FALSE
0,084	0,309	0,004	0,013	0,134	FALSE
0,096	0,308	0,005	0,012	0,147	FALSE
0,118	0,306	0,003	0,007	0,185	FALSE
0,076	0,308	0,001	0,007	0,064	FALSE
0,003	0,290	0,000	0,011	0,007	FALSE
0,052	0,281	0,003	0,012	0,090	FALSE
-0,052	0,317	-0,002	0,010	0,082	FALSE
0,112	0,303	0,003	0,009	0,132	FALSE
-0,045	0,301	-0,002	0,009	0,067	FALSE
0,329	0,265	0,013	0,011	0,605	FALSE
0,211	0,299	0,005	0,008	0,305	FALSE
0,231	0,288	0,008	0,010	0,351	FALSE
-0,005	0,313	-0,001	0,011	0,020	FALSE
0,097	0,323	0,004	0,012	0,129	FALSE
-0,165	0,307	-0,007	0,012	0,254	FALSE
0,091	0,311	0,004	0,011	0,121	FALSE
-0,078	0,311	-0,002	0,008	0,092	FALSE
-0,064	0,310	-0,002	0,009	0,061	FALSE
-0,123	0,297	-0,005	0,012	0,179	FALSE
0,070	0,310	0,002	0,011	0,080	FALSE
0,018	0,299	0,000	0,011	0,013	FALSE
-0,065	0,302	-0,002	0,010	0,057	FALSE
0,109	0,312	0,003	0,008	0,162	FALSE
-0,023	0,307	-0,001	0,008	0,034	FALSE
-0,014	0,308	0,000	0,012	0,007	FALSE
-0,007	0,302	-0,001	0,007	0,032	FALSE
-0,149	0,306	-0,005	0,011	0,198	FALSE
-0,091	0,303	-0,003	0,010	0,132	FALSE
-0,077	0,315	-0,002	0,007	0,092	FALSE
-0,126	0,303	-0,003	0,010	0,124	FALSE
-0,061	0,310	-0,002	0,007	0,089	FALSE
0,056	0,311	0,001	0,006	0,046	FALSE
0,063	0,306	0,002	0,012	0,073	FALSE
0,056	0,304	0,002	0,012	0,066	FALSE
0,088	0,305	0,001	0,007	0,082	FALSE
-0,062	0,306	-0,002	0,008	0,079	FALSE
0,062	0,310	0,001	0,008	0,060	FALSE
-0,019	0,318	-0,001	0,011	0,020	FALSE

-0,133	0,309	-0,007	0,013	0,231	FALSE
-0,142	0,297	-0,007	0,012	0,236	FALSE
0,061	0,311	0,002	0,008	0,077	FALSE
-0,025	0,317	-0,001	0,009	0,030	FALSE
0,091	0,313	0,003	0,010	0,125	FALSE
-0,045	0,306	-0,001	0,007	0,037	FALSE
-0,044	0,303	-0,001	0,006	0,031	FALSE
0,001	0,299	0,000	0,008	0,010	FALSE
-0,065	0,314	-0,001	0,007	0,060	FALSE
-0,087	0,299	-0,002	0,006	0,163	FALSE
0,059	0,298	0,002	0,007	0,096	FALSE
0,034	0,307	0,003	0,012	0,088	FALSE
-0,031	0,296	-0,002	0,010	0,081	FALSE
-0,049	0,307	-0,002	0,010	0,096	FALSE
-0,084	0,310	-0,003	0,010	0,127	FALSE
0,140	0,291	0,004	0,007	0,247	FALSE
0,013	0,313	0,001	0,008	0,026	FALSE
0,104	0,300	0,003	0,008	0,128	FALSE
0,154	0,304	0,004	0,008	0,207	FALSE
0,077	0,313	0,004	0,013	0,113	FALSE
-0,058	0,298	-0,002	0,010	0,089	FALSE
0,089	0,316	0,003	0,011	0,093	FALSE
0,095	0,310	0,003	0,010	0,103	FALSE
0,014	0,307	0,000	0,009	0,003	FALSE
-0,003	0,299	0,000	0,008	0,002	FALSE
0,072	0,314	0,002	0,008	0,095	FALSE
-0,186	0,291	-0,009	0,012	0,347	FALSE
-0,173	0,294	-0,008	0,012	0,309	FALSE
-0,183	0,291	-0,009	0,012	0,337	FALSE
-0,185	0,281	-0,009	0,012	0,356	FALSE
-0,170	0,298	-0,008	0,012	0,317	FALSE
-0,051	0,306	-0,002	0,011	0,067	FALSE
0,072	0,302	0,001	0,007	0,077	FALSE
0,044	0,323	0,001	0,008	0,055	FALSE
-0,160	0,316	-0,004	0,008	0,213	FALSE
0,055	0,301	0,002	0,007	0,088	FALSE
0,069	0,302	0,003	0,011	0,097	FALSE
-0,038	0,319	-0,001	0,011	0,035	FALSE
0,003	0,305	-0,001	0,007	0,027	FALSE
-0,004	0,315	0,000	0,007	0,005	FALSE
-0,140	0,304	-0,004	0,009	0,204	FALSE
-0,101	0,301	-0,003	0,009	0,149	FALSE
-0,124	0,312	-0,004	0,009	0,181	FALSE
0,018	0,307	0,001	0,007	0,029	FALSE
0,191	0,291	0,006	0,010	0,288	FALSE
0,193	0,307	0,008	0,013	0,291	FALSE
0,027	0,314	0,001	0,011	0,029	FALSE
0,127	0,308	0,004	0,009	0,187	FALSE
-0,193	0,288	-0,008	0,012	0,284	FALSE
-0,059	0,301	-0,002	0,008	0,070	FALSE
-0,039	0,294	-0,001	0,008	0,052	FALSE
-0,067	0,287	-0,002	0,008	0,081	FALSE
0,118	0,304	0,003	0,008	0,181	FALSE

0,042	0,306	0,002	0,007	0,081	FALSE
0,167	0,283	0,007	0,012	0,237	FALSE
0,163	0,303	0,003	0,006	0,207	FALSE
0,048	0,302	0,002	0,011	0,063	FALSE
-0,092	0,313	-0,003	0,007	0,151	FALSE
-0,008	0,314	0,000	0,009	0,008	FALSE
0,088	0,306	0,003	0,011	0,120	FALSE
0,141	0,296	0,003	0,006	0,214	FALSE
0,059	0,302	0,003	0,012	0,101	FALSE
0,011	0,310	0,000	0,012	0,001	FALSE
-0,005	0,314	0,000	0,009	0,013	FALSE
-0,108	0,319	-0,003	0,008	0,154	FALSE
0,001	0,304	0,000	0,008	0,014	FALSE
-0,121	0,317	-0,005	0,012	0,151	FALSE
-0,041	0,307	-0,001	0,010	0,030	FALSE
-0,042	0,309	-0,001	0,010	0,042	FALSE
-0,042	0,306	-0,001	0,010	0,035	FALSE
-0,012	0,306	0,000	0,012	0,007	FALSE
0,093	0,305	0,003	0,011	0,100	FALSE
0,077	0,321	0,002	0,010	0,091	FALSE
0,117	0,295	0,003	0,007	0,168	FALSE
-0,109	0,294	-0,007	0,013	0,221	FALSE
0,066	0,308	0,002	0,007	0,111	FALSE
0,033	0,318	0,000	0,006	0,025	FALSE
0,058	0,308	0,002	0,007	0,089	FALSE
-0,099	0,306	-0,004	0,012	0,146	FALSE
-0,026	0,308	0,000	0,009	0,014	FALSE
-0,007	0,307	-0,001	0,008	0,031	FALSE
0,077	0,313	0,002	0,007	0,118	FALSE
-0,012	0,302	0,000	0,007	0,006	FALSE
-0,019	0,294	0,000	0,007	0,006	FALSE
0,046	0,317	0,001	0,011	0,039	FALSE
0,062	0,318	0,002	0,011	0,064	FALSE
0,063	0,309	0,003	0,013	0,090	FALSE
0,078	0,290	0,002	0,007	0,111	FALSE
0,047	0,319	0,002	0,009	0,084	FALSE
-0,090	0,307	-0,002	0,007	0,116	FALSE
-0,086	0,320	-0,002	0,007	0,101	FALSE
-0,136	0,314	-0,004	0,008	0,196	FALSE
0,052	0,314	0,001	0,007	0,057	FALSE
0,076	0,291	0,003	0,009	0,146	FALSE
-0,062	0,301	-0,002	0,011	0,067	FALSE
0,003	0,316	0,001	0,012	0,024	FALSE
-0,088	0,290	-0,004	0,011	0,155	FALSE
0,090	0,284	0,004	0,010	0,151	FALSE
0,087	0,296	0,003	0,011	0,094	FALSE
0,085	0,302	0,003	0,010	0,100	FALSE
-0,037	0,299	-0,001	0,010	0,028	FALSE
0,031	0,322	0,000	0,006	0,013	FALSE
-0,054	0,298	-0,001	0,008	0,066	FALSE
-0,009	0,313	0,000	0,007	0,005	FALSE
-0,019	0,303	0,000	0,008	0,004	FALSE
-0,052	0,307	-0,001	0,006	0,086	FALSE

-0,155	0,298	-0,005	0,009	0,231	FALSE
-0,056	0,314	-0,001	0,007	0,072	FALSE
-0,032	0,299	-0,001	0,011	0,037	FALSE
0,118	0,309	0,004	0,011	0,144	FALSE
0,018	0,296	0,000	0,006	0,025	FALSE
-0,074	0,308	-0,004	0,013	0,108	FALSE
0,055	0,309	0,001	0,007	0,085	FALSE
0,009	0,304	-0,001	0,008	0,032	FALSE
0,034	0,310	0,000	0,008	0,004	FALSE
0,013	0,286	0,000	0,007	0,021	FALSE
0,022	0,314	0,002	0,012	0,056	FALSE
-0,115	0,298	-0,004	0,010	0,150	FALSE
-0,001	0,323	-0,001	0,011	0,034	FALSE
0,098	0,306	0,002	0,007	0,093	FALSE
-0,088	0,299	-0,003	0,011	0,093	FALSE
0,027	0,316	0,001	0,009	0,020	FALSE
0,128	0,305	0,004	0,012	0,134	FALSE
0,116	0,299	0,005	0,011	0,199	FALSE
0,016	0,313	0,000	0,008	0,015	FALSE
-0,068	0,305	-0,003	0,012	0,096	FALSE
0,033	0,311	0,001	0,011	0,022	FALSE
0,025	0,307	0,002	0,009	0,066	FALSE
0,066	0,296	0,002	0,006	0,095	FALSE
0,040	0,315	0,002	0,012	0,072	FALSE
0,028	0,313	0,001	0,007	0,047	FALSE
-0,076	0,305	-0,002	0,009	0,073	FALSE
0,040	0,315	0,001	0,006	0,065	FALSE
0,075	0,301	0,002	0,009	0,102	FALSE
0,130	0,316	0,004	0,009	0,166	FALSE
0,066	0,315	0,003	0,013	0,080	FALSE
-0,064	0,328	-0,002	0,010	0,076	FALSE
0,048	0,302	0,001	0,010	0,043	FALSE
0,113	0,308	0,004	0,010	0,173	FALSE
0,094	0,309	0,003	0,009	0,146	FALSE
0,065	0,303	0,002	0,006	0,095	FALSE
0,002	0,315	0,000	0,007	0,011	FALSE
-0,085	0,312	-0,002	0,007	0,099	FALSE
0,086	0,301	0,003	0,009	0,124	FALSE
0,096	0,312	0,003	0,008	0,129	FALSE
0,153	0,291	0,005	0,009	0,224	FALSE
0,046	0,323	0,002	0,009	0,072	FALSE
-0,058	0,315	-0,001	0,007	0,063	FALSE
0,014	0,316	0,000	0,007	0,011	FALSE
0,052	0,302	0,002	0,010	0,072	FALSE
-0,001	0,313	0,001	0,008	0,047	FALSE
-0,006	0,299	-0,001	0,010	0,030	FALSE
0,053	0,294	0,003	0,013	0,097	FALSE
-0,088	0,299	-0,004	0,011	0,138	FALSE
0,110	0,296	0,005	0,013	0,158	FALSE
0,066	0,311	0,001	0,009	0,052	FALSE
0,157	0,302	0,004	0,006	0,272	FALSE
-0,072	0,307	-0,002	0,008	0,114	FALSE
0,014	0,293	0,002	0,011	0,073	FALSE

-0,001	0,303	0,000	0,008	0,017	FALSE
0,059	0,303	0,002	0,010	0,054	FALSE
-0,005	0,305	-0,001	0,007	0,047	FALSE
0,011	0,312	0,000	0,008	0,003	FALSE
0,008	0,292	0,000	0,008	0,020	FALSE
-0,046	0,304	-0,001	0,012	0,044	FALSE
-0,057	0,310	-0,001	0,009	0,051	FALSE
0,020	0,298	0,000	0,012	0,008	FALSE
0,094	0,313	0,003	0,008	0,142	FALSE
0,103	0,312	0,005	0,012	0,144	FALSE
0,116	0,315	0,005	0,013	0,161	FALSE
-0,053	0,315	-0,003	0,013	0,087	FALSE
0,035	0,318	0,001	0,010	0,046	FALSE
0,129	0,308	0,005	0,012	0,186	FALSE
0,084	0,312	0,003	0,011	0,123	FALSE
-0,010	0,298	-0,001	0,011	0,024	FALSE
0,098	0,307	0,004	0,011	0,135	FALSE
-0,020	0,298	0,000	0,007	0,002	FALSE
-0,013	0,316	-0,001	0,008	0,025	FALSE
-0,016	0,309	0,000	0,007	0,013	FALSE
-0,012	0,323	0,000	0,008	0,006	FALSE
0,000	0,319	0,000	0,008	0,000	FALSE
-0,022	0,314	-0,001	0,008	0,047	FALSE
-0,026	0,290	-0,001	0,011	0,032	FALSE
-0,012	0,306	-0,001	0,009	0,040	FALSE
0,085	0,316	0,002	0,007	0,083	FALSE
-0,017	0,306	0,000	0,008	0,019	FALSE
-0,037	0,293	-0,001	0,010	0,038	FALSE
-0,006	0,290	0,000	0,011	0,001	FALSE
-0,015	0,314	-0,001	0,007	0,044	FALSE
-0,056	0,309	-0,002	0,010	0,073	FALSE
-0,051	0,309	-0,002	0,010	0,068	FALSE
-0,075	0,319	-0,003	0,011	0,094	FALSE
-0,069	0,307	-0,002	0,010	0,084	FALSE
-0,081	0,296	-0,003	0,010	0,111	FALSE
-0,068	0,300	-0,002	0,010	0,082	FALSE
-0,011	0,315	0,000	0,010	0,012	FALSE
-0,079	0,311	-0,002	0,009	0,091	FALSE
-0,054	0,301	-0,002	0,010	0,085	FALSE
-0,117	0,299	-0,002	0,008	0,130	FALSE
-0,086	0,295	-0,003	0,009	0,113	FALSE
0,141	0,301	0,006	0,012	0,186	FALSE
-0,110	0,293	-0,003	0,009	0,157	FALSE
-0,089	0,305	-0,004	0,012	0,143	FALSE
-0,113	0,299	-0,003	0,008	0,163	FALSE
-0,106	0,316	-0,005	0,013	0,147	FALSE
0,096	0,306	0,004	0,011	0,138	FALSE
0,239	0,291	0,009	0,012	0,348	FALSE
0,177	0,290	0,007	0,012	0,237	FALSE
-0,020	0,305	-0,001	0,008	0,028	FALSE
0,057	0,292	0,002	0,008	0,075	FALSE
0,091	0,310	0,003	0,011	0,099	FALSE
-0,023	0,304	-0,001	0,008	0,029	FALSE

0,055	0,319	0,002	0,008	0,091	FALSE
0,013	0,298	0,000	0,011	0,000	FALSE
-0,029	0,299	-0,001	0,012	0,031	FALSE
0,008	0,287	0,000	0,011	0,011	FALSE
-0,022	0,301	0,000	0,011	0,002	FALSE
-0,054	0,306	-0,001	0,010	0,048	FALSE
0,090	0,307	0,003	0,010	0,098	FALSE
-0,064	0,309	-0,004	0,013	0,123	FALSE
0,005	0,306	0,000	0,011	0,005	FALSE
-0,034	0,295	-0,002	0,012	0,069	FALSE
-0,036	0,309	-0,002	0,013	0,071	FALSE
-0,035	0,295	-0,002	0,012	0,075	FALSE
-0,039	0,299	-0,003	0,012	0,080	FALSE
-0,077	0,322	-0,003	0,013	0,093	FALSE
-0,013	0,308	0,000	0,007	0,013	FALSE
0,055	0,291	0,001	0,006	0,088	FALSE
0,040	0,314	0,000	0,009	0,013	FALSE
-0,042	0,294	-0,002	0,012	0,053	FALSE
-0,050	0,302	-0,003	0,010	0,100	FALSE
-0,058	0,307	-0,003	0,010	0,110	FALSE
-0,106	0,300	-0,003	0,007	0,151	FALSE
-0,014	0,300	0,000	0,006	0,027	FALSE
0,013	0,304	0,000	0,007	0,014	FALSE
0,003	0,308	0,001	0,012	0,019	FALSE
-0,042	0,318	-0,001	0,009	0,059	FALSE
-0,022	0,305	0,001	0,012	0,015	FALSE
0,062	0,322	0,003	0,011	0,120	FALSE
0,131	0,310	0,006	0,013	0,178	FALSE
-0,216	0,298	-0,009	0,012	0,350	FALSE
-0,046	0,299	-0,002	0,012	0,078	FALSE
-0,062	0,298	-0,003	0,012	0,100	FALSE
0,039	0,302	0,002	0,012	0,068	FALSE
0,134	0,285	0,004	0,009	0,183	FALSE
-0,105	0,304	-0,004	0,010	0,150	FALSE
-0,055	0,304	-0,001	0,008	0,045	FALSE
0,064	0,299	0,003	0,011	0,100	FALSE
0,078	0,310	0,003	0,011	0,106	FALSE
0,073	0,309	0,003	0,012	0,101	FALSE
0,003	0,310	0,000	0,007	0,002	FALSE
0,089	0,301	0,003	0,010	0,103	FALSE
0,009	0,308	0,000	0,007	0,003	FALSE
0,015	0,306	0,000	0,008	0,000	FALSE
0,027	0,301	0,000	0,008	0,006	FALSE
0,020	0,306	0,000	0,008	0,015	FALSE
-0,023	0,313	-0,001	0,007	0,027	FALSE
0,230	0,288	0,008	0,010	0,346	FALSE
-0,194	0,298	-0,006	0,009	0,284	FALSE
0,000	0,311	-0,001	0,012	0,037	FALSE
-0,011	0,312	0,000	0,009	0,004	FALSE
0,074	0,303	0,003	0,009	0,116	FALSE
-0,066	0,310	-0,002	0,010	0,069	FALSE
-0,091	0,298	-0,005	0,012	0,182	FALSE
-0,054	0,306	-0,004	0,012	0,118	FALSE

0,145	0,299	0,006	0,010	0,238	FALSE
-0,045	0,304	-0,004	0,012	0,113	FALSE
-0,033	0,306	-0,003	0,013	0,088	FALSE
-0,050	0,306	-0,003	0,013	0,106	FALSE
0,017	0,305	0,001	0,008	0,035	FALSE
0,167	0,299	0,006	0,010	0,275	FALSE
0,004	0,291	0,000	0,012	0,006	FALSE
0,085	0,318	0,004	0,013	0,121	FALSE
-0,050	0,313	-0,001	0,007	0,059	FALSE
-0,170	0,301	-0,008	0,012	0,281	FALSE
0,000	0,304	0,000	0,008	0,000	FALSE
-0,151	0,295	-0,004	0,008	0,207	FALSE
0,156	0,295	0,004	0,008	0,216	FALSE
0,041	0,311	0,002	0,012	0,052	FALSE
-0,121	0,312	-0,004	0,011	0,150	FALSE
-0,047	0,309	-0,002	0,013	0,066	FALSE
-0,067	0,309	-0,003	0,011	0,094	FALSE
-0,050	0,307	-0,002	0,010	0,077	FALSE
-0,035	0,310	0,000	0,007	0,017	FALSE
0,059	0,297	0,002	0,010	0,072	FALSE
-0,117	0,316	-0,004	0,010	0,161	FALSE
-0,074	0,304	-0,003	0,011	0,120	FALSE
0,101	0,291	0,005	0,010	0,198	FALSE
0,065	0,302	0,004	0,010	0,137	FALSE
0,053	0,311	0,003	0,011	0,117	FALSE
0,061	0,303	0,004	0,012	0,118	FALSE
-0,071	0,318	-0,003	0,013	0,098	FALSE
-0,118	0,302	-0,005	0,012	0,190	FALSE
-0,012	0,308	-0,001	0,010	0,053	FALSE
-0,114	0,307	-0,006	0,012	0,196	FALSE
0,039	0,291	0,003	0,009	0,121	FALSE
0,110	0,304	0,002	0,007	0,126	FALSE
0,097	0,304	0,002	0,007	0,118	FALSE
0,072	0,306	0,002	0,008	0,086	FALSE
0,117	0,300	0,003	0,007	0,160	FALSE
0,117	0,314	0,003	0,008	0,156	FALSE
0,098	0,306	0,002	0,007	0,119	FALSE
-0,046	0,305	-0,001	0,006	0,046	FALSE
-0,020	0,300	0,000	0,010	0,011	FALSE
0,069	0,326	0,001	0,007	0,069	FALSE
-0,173	0,320	-0,006	0,012	0,221	FALSE
-0,064	0,320	-0,002	0,011	0,060	FALSE
-0,070	0,296	-0,001	0,008	0,072	FALSE
0,063	0,303	0,002	0,008	0,077	FALSE
0,078	0,309	0,001	0,008	0,062	FALSE
-0,159	0,301	-0,005	0,008	0,242	FALSE
-0,062	0,307	-0,002	0,007	0,097	FALSE
-0,056	0,295	-0,001	0,006	0,079	FALSE
0,101	0,316	0,002	0,007	0,137	FALSE
0,086	0,300	0,002	0,006	0,118	FALSE
0,024	0,318	0,001	0,012	0,029	FALSE
0,110	0,304	0,005	0,013	0,175	FALSE
-0,067	0,311	-0,003	0,012	0,097	FALSE

-0,078	0,304	-0,004	0,012	0,131	FALSE
0,082	0,294	0,003	0,012	0,089	FALSE
0,008	0,309	0,000	0,007	0,004	FALSE
-0,024	0,299	-0,001	0,008	0,034	FALSE
-0,001	0,310	0,001	0,012	0,035	FALSE
0,007	0,297	0,002	0,011	0,057	FALSE
-0,065	0,312	-0,003	0,013	0,103	FALSE
-0,083	0,311	-0,004	0,012	0,121	FALSE
0,109	0,292	0,005	0,012	0,162	FALSE
-0,041	0,311	-0,001	0,009	0,031	FALSE
0,045	0,305	0,002	0,009	0,074	FALSE
-0,039	0,300	-0,001	0,008	0,030	FALSE
0,040	0,313	0,002	0,011	0,066	FALSE
-0,029	0,302	-0,001	0,009	0,040	FALSE
0,101	0,298	0,003	0,009	0,153	FALSE
0,129	0,317	0,004	0,008	0,188	FALSE
-0,050	0,305	-0,001	0,008	0,068	FALSE
-0,030	0,302	-0,001	0,010	0,052	FALSE
0,018	0,307	0,001	0,011	0,037	FALSE
-0,005	0,318	-0,001	0,010	0,028	FALSE
-0,088	0,307	-0,003	0,008	0,120	FALSE
-0,012	0,318	0,000	0,008	0,017	FALSE
-0,044	0,292	-0,001	0,007	0,055	FALSE
0,017	0,296	0,001	0,012	0,014	FALSE
-0,004	0,331	0,000	0,013	0,009	FALSE
-0,021	0,304	-0,001	0,007	0,048	FALSE
0,016	0,305	0,000	0,012	0,014	FALSE
-0,064	0,304	-0,002	0,009	0,069	FALSE
-0,054	0,318	-0,001	0,007	0,072	FALSE
-0,037	0,312	-0,001	0,007	0,056	FALSE
-0,007	0,308	0,000	0,013	0,012	FALSE
0,104	0,303	0,002	0,007	0,116	FALSE
0,093	0,302	0,002	0,006	0,113	FALSE
0,099	0,303	0,004	0,012	0,135	FALSE
0,086	0,309	0,004	0,013	0,119	FALSE
0,098	0,309	0,002	0,006	0,104	FALSE
-0,026	0,298	-0,001	0,008	0,029	FALSE
0,119	0,320	0,005	0,013	0,155	FALSE
-0,108	0,290	-0,003	0,009	0,131	FALSE
-0,068	0,295	-0,002	0,010	0,073	FALSE
-0,056	0,303	-0,002	0,012	0,068	FALSE
0,001	0,304	0,000	0,008	0,011	FALSE
0,109	0,317	0,005	0,013	0,145	FALSE
-0,043	0,317	-0,001	0,007	0,039	FALSE
0,002	0,320	0,000	0,007	0,002	FALSE
0,021	0,317	0,001	0,009	0,027	FALSE
-0,076	0,306	-0,003	0,012	0,084	FALSE
0,123	0,306	0,003	0,006	0,166	FALSE
0,099	0,300	0,002	0,007	0,127	FALSE
0,012	0,303	0,001	0,009	0,027	FALSE
0,016	0,302	0,001	0,009	0,032	FALSE
-0,106	0,308	-0,003	0,009	0,163	FALSE
-0,103	0,316	-0,004	0,013	0,117	FALSE

0,204	0,292	0,007	0,010	0,322	FALSE
0,136	0,314	0,005	0,011	0,169	FALSE
-0,044	0,306	-0,002	0,009	0,066	FALSE
0,060	0,309	0,001	0,007	0,035	FALSE
0,062	0,316	0,001	0,007	0,040	FALSE
0,046	0,309	0,000	0,007	0,022	FALSE
0,079	0,319	0,001	0,007	0,059	FALSE
-0,065	0,306	-0,002	0,006	0,094	FALSE
-0,168	0,311	-0,007	0,012	0,240	FALSE
-0,143	0,312	-0,005	0,012	0,189	FALSE
0,022	0,319	0,001	0,007	0,030	FALSE
-0,109	0,292	-0,002	0,006	0,156	FALSE
-0,025	0,304	-0,001	0,013	0,038	FALSE
-0,077	0,309	-0,004	0,011	0,120	FALSE
-0,125	0,301	-0,004	0,009	0,165	FALSE
0,032	0,304	0,001	0,011	0,048	FALSE
-0,078	0,299	-0,003	0,009	0,125	FALSE
-0,012	0,303	-0,001	0,006	0,037	FALSE
-0,141	0,288	-0,006	0,012	0,204	FALSE
-0,136	0,302	-0,005	0,011	0,166	FALSE
0,004	0,313	0,000	0,009	0,006	FALSE
0,045	0,310	0,003	0,012	0,082	FALSE
-0,021	0,303	-0,001	0,008	0,029	FALSE
-0,052	0,293	-0,003	0,011	0,088	FALSE
-0,096	0,302	-0,003	0,009	0,147	FALSE
0,129	0,300	0,006	0,012	0,213	FALSE
0,099	0,300	0,002	0,007	0,120	FALSE
0,117	0,307	0,003	0,007	0,146	FALSE
0,192	0,295	0,005	0,008	0,257	FALSE
-0,085	0,308	-0,002	0,007	0,107	FALSE
0,084	0,311	0,002	0,007	0,114	FALSE
-0,006	0,315	0,000	0,007	0,005	FALSE
0,010	0,307	0,001	0,009	0,021	FALSE
-0,003	0,328	0,000	0,008	0,004	FALSE
0,074	0,305	0,001	0,008	0,062	FALSE
0,008	0,298	0,001	0,008	0,025	FALSE
0,231	0,284	0,007	0,010	0,354	FALSE
-0,088	0,307	-0,003	0,010	0,099	FALSE
-0,101	0,299	-0,003	0,009	0,132	FALSE
-0,079	0,304	-0,003	0,012	0,090	FALSE
0,019	0,295	0,001	0,009	0,028	FALSE
-0,142	0,311	-0,006	0,013	0,180	FALSE
0,003	0,301	0,000	0,008	0,012	FALSE
0,041	0,291	0,001	0,008	0,039	FALSE
-0,098	0,287	-0,002	0,012	0,075	FALSE
0,060	0,306	0,001	0,007	0,036	FALSE
0,015	0,312	0,000	0,007	0,026	FALSE
-0,057	0,309	-0,001	0,008	0,056	FALSE
0,058	0,310	0,002	0,010	0,059	FALSE
-0,164	0,301	-0,003	0,007	0,191	FALSE
-0,077	0,285	-0,002	0,006	0,110	FALSE
-0,045	0,314	-0,002	0,012	0,068	FALSE
-0,004	0,298	0,000	0,007	0,021	FALSE

0,039	0,299	0,000	0,007	0,020	FALSE
-0,106	0,304	-0,004	0,010	0,157	FALSE
0,046	0,306	0,002	0,012	0,060	FALSE
-0,035	0,304	-0,001	0,009	0,031	FALSE
0,088	0,303	0,002	0,007	0,086	FALSE
0,141	0,300	0,004	0,009	0,192	FALSE
0,045	0,301	0,002	0,012	0,070	FALSE
0,070	0,300	0,002	0,006	0,092	FALSE
0,067	0,312	0,002	0,011	0,064	FALSE
-0,008	0,319	-0,001	0,008	0,040	FALSE
0,082	0,308	0,002	0,009	0,076	FALSE
-0,059	0,290	-0,002	0,012	0,069	FALSE
-0,026	0,313	-0,001	0,011	0,021	FALSE
0,060	0,301	0,001	0,010	0,050	FALSE
0,078	0,314	0,002	0,008	0,085	FALSE
0,096	0,301	0,002	0,009	0,085	FALSE
0,139	0,307	0,004	0,008	0,186	FALSE
-0,004	0,317	0,000	0,011	0,010	FALSE
-0,033	0,318	-0,002	0,013	0,051	FALSE
-0,002	0,313	-0,001	0,011	0,029	FALSE
-0,117	0,312	-0,005	0,013	0,168	FALSE
0,096	0,319	0,004	0,012	0,130	FALSE
0,094	0,307	0,005	0,012	0,152	FALSE
-0,024	0,311	0,000	0,008	0,015	FALSE
-0,019	0,306	-0,001	0,009	0,027	FALSE
0,040	0,308	0,001	0,008	0,032	FALSE
0,114	0,304	0,003	0,007	0,171	FALSE
0,097	0,306	0,002	0,007	0,121	FALSE
0,107	0,310	0,002	0,007	0,137	FALSE
-0,041	0,312	-0,001	0,010	0,029	FALSE
0,001	0,315	-0,001	0,011	0,021	FALSE
0,050	0,310	0,002	0,011	0,063	FALSE
0,016	0,309	0,000	0,006	0,012	FALSE
-0,042	0,315	-0,001	0,009	0,053	FALSE
0,038	0,301	0,001	0,007	0,025	FALSE
0,046	0,320	0,001	0,008	0,026	FALSE
-0,034	0,294	-0,001	0,007	0,035	FALSE
-0,077	0,313	-0,002	0,008	0,106	FALSE
0,143	0,303	0,005	0,010	0,209	FALSE
-0,097	0,305	-0,002	0,007	0,111	FALSE
0,085	0,303	0,002	0,007	0,124	FALSE
-0,010	0,307	0,000	0,007	0,001	FALSE
-0,083	0,315	-0,002	0,007	0,092	FALSE
0,096	0,305	0,004	0,012	0,134	FALSE
0,011	0,313	-0,001	0,013	0,027	FALSE
0,003	0,306	0,001	0,012	0,034	FALSE
0,155	0,309	0,004	0,007	0,220	FALSE
-0,035	0,311	-0,001	0,006	0,048	FALSE
0,097	0,303	0,002	0,008	0,090	FALSE
0,083	0,319	0,002	0,009	0,083	FALSE
-0,074	0,308	-0,003	0,011	0,087	FALSE
0,101	0,315	0,002	0,006	0,153	FALSE
-0,036	0,296	-0,001	0,007	0,045	FALSE

-0,052	0,303	-0,001	0,008	0,060	FALSE
-0,083	0,314	-0,002	0,010	0,085	FALSE
-0,081	0,307	-0,003	0,012	0,103	FALSE
-0,060	0,312	-0,002	0,012	0,071	FALSE
0,085	0,313	0,003	0,010	0,097	FALSE
0,038	0,318	0,001	0,011	0,048	FALSE
0,062	0,299	0,003	0,013	0,087	FALSE
-0,137	0,308	-0,003	0,007	0,155	FALSE
-0,097	0,306	-0,002	0,006	0,103	FALSE
-0,001	0,298	0,000	0,012	0,008	FALSE
-0,060	0,315	-0,001	0,007	0,049	FALSE
0,057	0,315	0,002	0,011	0,059	FALSE
0,063	0,294	0,002	0,010	0,062	FALSE
-0,040	0,301	0,000	0,007	0,005	FALSE
0,105	0,318	0,002	0,008	0,110	FALSE
-0,126	0,296	-0,005	0,011	0,195	FALSE
0,044	0,316	0,002	0,012	0,059	FALSE
-0,029	0,313	0,000	0,010	0,017	FALSE
0,172	0,289	0,006	0,010	0,261	FALSE
0,123	0,306	0,004	0,008	0,179	FALSE
-0,068	0,317	-0,001	0,007	0,067	FALSE
0,044	0,291	0,001	0,007	0,030	FALSE
0,116	0,320	0,004	0,011	0,149	FALSE
0,041	0,300	0,001	0,007	0,061	FALSE
0,006	0,302	-0,001	0,008	0,046	FALSE
0,130	0,286	0,004	0,008	0,215	FALSE
0,062	0,310	0,002	0,008	0,083	FALSE
0,087	0,307	0,002	0,010	0,083	FALSE
0,118	0,299	0,004	0,009	0,163	FALSE
0,071	0,312	0,003	0,012	0,107	FALSE
-0,096	0,303	-0,002	0,007	0,138	FALSE
0,020	0,300	0,001	0,011	0,035	FALSE
-0,047	0,316	-0,002	0,011	0,080	FALSE
-0,135	0,308	-0,004	0,008	0,183	FALSE
0,013	0,311	0,000	0,012	0,003	FALSE
-0,001	0,313	0,000	0,008	0,007	FALSE
0,102	0,291	0,004	0,011	0,130	FALSE
0,154	0,298	0,005	0,011	0,199	FALSE
0,091	0,296	0,003	0,010	0,138	FALSE
-0,083	0,309	-0,003	0,013	0,100	FALSE
-0,083	0,318	-0,003	0,008	0,135	FALSE
-0,079	0,315	-0,002	0,010	0,085	FALSE
-0,115	0,301	-0,003	0,009	0,133	FALSE
-0,042	0,308	-0,001	0,008	0,063	FALSE
-0,018	0,310	-0,001	0,012	0,019	FALSE
-0,063	0,292	-0,003	0,009	0,110	FALSE
-0,065	0,316	-0,002	0,010	0,096	FALSE
-0,118	0,295	-0,005	0,012	0,185	FALSE
0,024	0,309	0,001	0,007	0,044	FALSE
-0,068	0,294	-0,003	0,013	0,078	FALSE
0,024	0,315	0,001	0,008	0,035	FALSE
-0,057	0,322	-0,002	0,011	0,068	FALSE
-0,116	0,304	-0,003	0,007	0,174	FALSE

0,082	0,307	0,002	0,007	0,104	FALSE
-0,010	0,300	0,000	0,009	0,007	FALSE
0,108	0,308	0,003	0,008	0,173	FALSE
0,106	0,298	0,004	0,010	0,158	FALSE
0,075	0,312	0,001	0,006	0,088	FALSE
0,063	0,299	0,001	0,007	0,072	FALSE
0,023	0,291	0,001	0,008	0,026	FALSE
-0,039	0,325	-0,001	0,009	0,044	FALSE
0,147	0,297	0,005	0,011	0,210	FALSE
-0,038	0,312	-0,001	0,009	0,037	FALSE
0,012	0,310	0,001	0,012	0,030	FALSE
0,051	0,306	0,002	0,007	0,082	FALSE
-0,026	0,309	-0,001	0,012	0,021	FALSE
-0,071	0,315	-0,002	0,009	0,075	FALSE
-0,013	0,301	-0,001	0,011	0,025	FALSE
-0,021	0,315	-0,001	0,008	0,027	FALSE
0,138	0,309	0,003	0,007	0,170	FALSE
-0,077	0,301	-0,004	0,012	0,123	FALSE
0,108	0,295	0,004	0,010	0,160	FALSE
0,028	0,304	0,000	0,012	0,008	FALSE
-0,052	0,303	-0,001	0,007	0,067	FALSE
-0,058	0,307	-0,002	0,007	0,090	FALSE
-0,108	0,317	-0,003	0,008	0,142	FALSE
0,019	0,307	0,000	0,007	0,022	FALSE
-0,061	0,298	-0,003	0,012	0,089	FALSE
-0,107	0,294	-0,003	0,008	0,168	FALSE
0,103	0,318	0,003	0,009	0,148	FALSE
-0,072	0,300	-0,002	0,007	0,088	FALSE
0,151	0,309	0,007	0,013	0,209	FALSE
-0,029	0,322	0,000	0,008	0,015	FALSE
-0,162	0,308	-0,004	0,007	0,214	FALSE
-0,062	0,319	-0,002	0,011	0,086	FALSE
-0,085	0,317	-0,003	0,010	0,128	FALSE
0,031	0,308	0,001	0,011	0,039	FALSE
0,069	0,313	0,002	0,012	0,072	FALSE
0,051	0,315	0,002	0,010	0,073	FALSE
-0,079	0,318	-0,002	0,013	0,066	FALSE
-0,089	0,314	-0,003	0,013	0,094	FALSE
0,062	0,308	0,002	0,013	0,048	FALSE
-0,001	0,310	-0,001	0,007	0,038	FALSE
-0,015	0,309	-0,001	0,007	0,048	FALSE
-0,031	0,310	-0,001	0,009	0,057	FALSE
-0,021	0,292	-0,001	0,010	0,018	FALSE
-0,033	0,306	-0,001	0,011	0,041	FALSE
-0,044	0,292	-0,002	0,011	0,054	FALSE
-0,006	0,295	0,000	0,007	0,011	FALSE
0,045	0,295	0,002	0,009	0,071	FALSE
0,012	0,291	0,001	0,009	0,044	FALSE
-0,021	0,298	0,000	0,011	0,007	FALSE
-0,073	0,298	-0,003	0,010	0,118	FALSE
-0,076	0,323	-0,002	0,011	0,062	FALSE
0,024	0,297	0,001	0,009	0,046	FALSE
-0,046	0,315	-0,003	0,012	0,078	FALSE

-0,010	0,304	-0,001	0,012	0,029	FALSE
-0,120	0,309	-0,004	0,011	0,133	FALSE
-0,083	0,296	-0,003	0,010	0,113	FALSE
0,140	0,309	0,006	0,012	0,193	FALSE
0,044	0,305	0,001	0,006	0,045	FALSE
0,053	0,304	0,001	0,007	0,063	FALSE
0,063	0,316	0,001	0,006	0,062	FALSE
0,054	0,305	0,001	0,010	0,042	FALSE
0,059	0,301	0,001	0,010	0,050	FALSE
0,082	0,311	0,002	0,010	0,077	FALSE
-0,031	0,321	-0,001	0,010	0,023	FALSE
-0,011	0,315	0,000	0,010	0,006	FALSE
0,049	0,311	0,000	0,012	0,013	FALSE
0,063	0,309	0,002	0,009	0,083	FALSE
0,065	0,308	0,002	0,011	0,051	FALSE
0,017	0,324	0,001	0,013	0,024	FALSE
-0,053	0,315	-0,002	0,012	0,064	FALSE
0,094	0,299	0,003	0,010	0,142	FALSE
0,084	0,301	0,004	0,011	0,146	FALSE
0,054	0,314	0,001	0,008	0,050	FALSE
-0,111	0,312	-0,004	0,010	0,183	FALSE
-0,017	0,310	-0,001	0,007	0,034	FALSE
0,023	0,306	0,000	0,010	0,006	FALSE
0,062	0,296	0,002	0,007	0,082	FALSE
0,013	0,296	0,001	0,007	0,029	FALSE
0,078	0,298	0,003	0,009	0,117	FALSE
-0,001	0,301	0,000	0,007	0,019	FALSE
0,206	0,284	0,007	0,010	0,325	FALSE
0,147	0,301	0,006	0,012	0,212	FALSE
-0,010	0,318	0,000	0,009	0,008	FALSE
0,085	0,309	0,003	0,010	0,095	FALSE
-0,129	0,310	-0,004	0,010	0,171	FALSE
0,090	0,307	0,003	0,013	0,085	FALSE
-0,052	0,311	-0,002	0,009	0,064	FALSE
0,165	0,298	0,004	0,008	0,225	FALSE
-0,084	0,299	-0,003	0,009	0,127	FALSE
-0,087	0,309	-0,003	0,012	0,102	FALSE
0,025	0,303	0,001	0,010	0,053	FALSE
0,004	0,310	0,000	0,008	0,009	FALSE
0,081	0,299	0,003	0,009	0,163	FALSE
0,120	0,296	0,003	0,008	0,139	FALSE
-0,103	0,316	-0,002	0,010	0,092	FALSE
0,004	0,311	-0,001	0,012	0,025	FALSE
-0,023	0,310	0,000	0,006	0,013	FALSE
-0,086	0,314	-0,002	0,007	0,129	FALSE
0,018	0,310	0,000	0,009	0,010	FALSE
-0,010	0,302	-0,001	0,012	0,017	FALSE
0,073	0,301	0,002	0,006	0,095	FALSE
0,041	0,312	0,001	0,011	0,027	FALSE
0,036	0,333	0,001	0,011	0,023	FALSE
-0,061	0,311	-0,003	0,012	0,079	FALSE
-0,084	0,303	-0,004	0,012	0,123	FALSE
-0,008	0,303	0,000	0,007	0,021	FALSE

-0,002	0,299	0,000	0,007	0,024	FALSE
0,062	0,292	0,002	0,007	0,110	FALSE
0,085	0,311	0,002	0,008	0,117	FALSE
-0,010	0,314	-0,001	0,013	0,020	FALSE
0,062	0,309	0,002	0,007	0,113	FALSE
0,058	0,317	0,002	0,008	0,109	FALSE
0,035	0,315	0,001	0,009	0,053	FALSE
0,093	0,307	0,002	0,007	0,105	FALSE
-0,077	0,319	-0,001	0,008	0,051	FALSE
-0,022	0,299	-0,002	0,010	0,069	FALSE
-0,095	0,312	-0,005	0,013	0,160	FALSE
0,073	0,300	0,001	0,007	0,065	FALSE
0,029	0,305	0,000	0,011	0,001	FALSE
-0,099	0,302	-0,003	0,008	0,125	FALSE
-0,035	0,306	-0,001	0,012	0,033	FALSE
-0,033	0,296	-0,001	0,009	0,029	FALSE
-0,032	0,311	-0,001	0,010	0,029	FALSE
-0,092	0,293	-0,002	0,006	0,135	FALSE
0,095	0,310	0,004	0,013	0,129	FALSE
0,020	0,299	0,000	0,006	0,023	FALSE
-0,088	0,325	-0,004	0,013	0,118	FALSE
0,054	0,309	0,002	0,010	0,059	FALSE
0,010	0,301	0,000	0,009	0,016	FALSE
-0,139	0,303	-0,005	0,012	0,179	FALSE
0,035	0,296	0,001	0,007	0,042	FALSE
0,006	0,308	0,000	0,008	0,013	FALSE
-0,027	0,316	-0,001	0,010	0,036	FALSE
0,013	0,301	-0,001	0,008	0,036	FALSE
-0,035	0,282	-0,001	0,009	0,041	FALSE
-0,062	0,329	-0,002	0,009	0,075	FALSE
0,067	0,296	0,002	0,009	0,083	FALSE
-0,012	0,302	0,000	0,008	0,019	FALSE
0,157	0,304	0,005	0,009	0,263	FALSE
0,035	0,292	0,002	0,009	0,060	FALSE
-0,026	0,309	-0,002	0,010	0,068	FALSE
0,033	0,298	0,002	0,011	0,057	FALSE
0,033	0,295	0,001	0,009	0,059	FALSE
-0,020	0,305	-0,001	0,012	0,042	FALSE
-0,007	0,303	0,001	0,008	0,027	FALSE
0,160	0,304	0,004	0,008	0,219	FALSE
-0,100	0,323	-0,002	0,007	0,109	FALSE
0,104	0,312	0,002	0,007	0,099	FALSE
-0,057	0,298	-0,001	0,006	0,049	FALSE
-0,062	0,300	-0,002	0,008	0,085	FALSE
-0,080	0,317	-0,003	0,013	0,100	FALSE
-0,006	0,313	0,000	0,012	0,006	FALSE
-0,011	0,311	0,000	0,012	0,014	FALSE
-0,080	0,299	-0,002	0,006	0,106	FALSE
-0,024	0,313	-0,001	0,012	0,031	FALSE
-0,141	0,299	-0,003	0,007	0,203	FALSE
-0,015	0,313	-0,001	0,009	0,030	FALSE
-0,090	0,304	-0,004	0,010	0,153	FALSE
0,009	0,301	0,001	0,008	0,037	FALSE

0,048	0,303	0,002	0,012	0,062	FALSE
0,086	0,312	0,002	0,009	0,086	FALSE
0,028	0,306	0,002	0,011	0,070	FALSE
0,111	0,295	0,005	0,010	0,229	FALSE
0,075	0,302	0,003	0,012	0,088	FALSE
0,076	0,312	0,002	0,008	0,099	FALSE
-0,126	0,287	-0,005	0,009	0,218	FALSE
-0,016	0,296	0,000	0,012	0,014	FALSE
-0,065	0,307	-0,003	0,013	0,095	FALSE
0,058	0,307	0,003	0,010	0,127	FALSE
-0,013	0,309	-0,002	0,012	0,055	FALSE
-0,065	0,308	-0,002	0,008	0,097	FALSE
-0,138	0,301	-0,005	0,012	0,167	FALSE
0,037	0,307	0,001	0,006	0,066	FALSE
0,001	0,308	0,000	0,009	0,007	FALSE
-0,033	0,322	-0,001	0,009	0,030	FALSE
-0,074	0,318	-0,003	0,009	0,116	FALSE
0,105	0,296	0,003	0,006	0,184	FALSE
-0,062	0,320	-0,003	0,012	0,079	FALSE
0,088	0,311	0,004	0,013	0,122	FALSE
0,019	0,302	0,001	0,013	0,038	FALSE
0,018	0,293	0,000	0,006	0,010	FALSE
-0,111	0,297	-0,003	0,008	0,131	FALSE
-0,051	0,294	-0,002	0,012	0,053	FALSE
0,048	0,306	0,002	0,011	0,062	FALSE
0,063	0,311	0,002	0,011	0,079	FALSE
0,069	0,298	0,002	0,007	0,082	FALSE
0,004	0,305	0,000	0,009	0,007	FALSE
-0,048	0,308	-0,002	0,013	0,056	FALSE
-0,014	0,293	-0,001	0,011	0,041	FALSE
-0,012	0,296	-0,001	0,011	0,044	FALSE
-0,083	0,314	-0,002	0,013	0,070	FALSE
-0,090	0,322	-0,003	0,012	0,102	FALSE
-0,036	0,291	-0,001	0,006	0,038	FALSE
0,146	0,301	0,006	0,012	0,203	FALSE
-0,018	0,302	-0,002	0,011	0,059	FALSE
0,070	0,298	0,003	0,010	0,128	FALSE
0,025	0,308	0,001	0,012	0,015	FALSE
-0,171	0,294	-0,004	0,006	0,280	FALSE
-0,137	0,304	-0,005	0,011	0,207	FALSE
-0,012	0,313	-0,001	0,010	0,031	FALSE
0,168	0,308	0,004	0,008	0,242	FALSE
0,158	0,311	0,004	0,009	0,206	FALSE
-0,028	0,312	-0,001	0,011	0,038	FALSE
-0,023	0,299	-0,002	0,010	0,058	FALSE
0,016	0,316	0,000	0,010	0,006	FALSE
-0,066	0,302	-0,003	0,012	0,082	FALSE
0,087	0,310	0,003	0,010	0,107	FALSE
0,027	0,303	0,001	0,008	0,027	FALSE
-0,067	0,298	-0,002	0,007	0,099	FALSE
-0,075	0,292	-0,003	0,009	0,115	FALSE
0,148	0,294	0,004	0,006	0,244	FALSE
0,045	0,304	0,001	0,009	0,020	FALSE

0,100	0,302	0,003	0,011	0,110	FALSE
-0,046	0,301	-0,001	0,007	0,049	FALSE
-0,075	0,309	-0,003	0,010	0,103	FALSE
0,050	0,309	0,001	0,006	0,078	FALSE
0,061	0,300	0,001	0,009	0,058	FALSE
-0,031	0,322	-0,001	0,012	0,043	FALSE
-0,099	0,300	-0,003	0,009	0,135	FALSE
-0,045	0,311	-0,001	0,007	0,046	FALSE
-0,025	0,302	-0,001	0,011	0,031	FALSE
0,129	0,314	0,004	0,012	0,140	FALSE
-0,054	0,304	-0,001	0,010	0,029	FALSE
-0,082	0,314	-0,002	0,007	0,107	FALSE
0,054	0,306	0,002	0,012	0,067	FALSE
0,126	0,305	0,004	0,010	0,166	FALSE
0,154	0,296	0,006	0,011	0,223	FALSE
-0,001	0,315	0,000	0,008	0,003	FALSE
0,033	0,309	0,000	0,008	0,008	FALSE
-0,121	0,297	-0,005	0,012	0,189	FALSE
-0,108	0,310	-0,005	0,012	0,160	FALSE
0,118	0,315	0,005	0,012	0,165	FALSE
0,062	0,308	0,003	0,012	0,076	FALSE
0,059	0,312	0,002	0,013	0,064	FALSE
-0,068	0,311	-0,003	0,012	0,085	FALSE
-0,040	0,312	-0,001	0,012	0,040	FALSE
0,158	0,295	0,006	0,012	0,215	FALSE
-0,092	0,306	-0,004	0,012	0,140	FALSE
-0,132	0,298	-0,005	0,011	0,204	FALSE
-0,075	0,296	-0,003	0,012	0,093	FALSE
0,041	0,305	0,001	0,007	0,036	FALSE
0,069	0,289	0,003	0,012	0,084	FALSE
-0,052	0,302	-0,003	0,011	0,086	FALSE
-0,023	0,300	-0,001	0,010	0,043	FALSE
-0,025	0,310	0,000	0,006	0,012	FALSE
-0,017	0,307	-0,001	0,013	0,023	FALSE
-0,205	0,300	-0,009	0,012	0,344	FALSE
0,121	0,303	0,005	0,011	0,184	FALSE
0,130	0,307	0,006	0,012	0,207	FALSE
0,148	0,313	0,006	0,012	0,225	FALSE
-0,156	0,295	-0,005	0,011	0,209	FALSE
0,114	0,302	0,005	0,012	0,184	FALSE
-0,116	0,322	-0,003	0,007	0,139	FALSE
0,121	0,314	0,005	0,011	0,170	FALSE
-0,149	0,308	-0,003	0,007	0,191	FALSE
-0,102	0,324	-0,002	0,007	0,108	FALSE
0,133	0,303	0,006	0,012	0,201	FALSE
-0,035	0,293	-0,002	0,012	0,077	FALSE
-0,032	0,313	-0,002	0,010	0,059	FALSE
0,008	0,299	0,000	0,008	0,008	FALSE
-0,116	0,300	-0,004	0,010	0,135	FALSE
0,044	0,291	0,001	0,006	0,061	FALSE
-0,008	0,315	0,000	0,008	0,023	FALSE
-0,051	0,316	-0,003	0,012	0,099	FALSE
-0,119	0,289	-0,002	0,007	0,135	FALSE

0,000	0,293	0,000	0,006	0,009	FALSE
0,054	0,308	0,001	0,008	0,066	FALSE
-0,142	0,307	-0,004	0,009	0,168	FALSE
0,071	0,304	0,001	0,008	0,060	FALSE
-0,023	0,309	-0,001	0,013	0,029	FALSE
0,080	0,299	0,002	0,008	0,095	FALSE
0,031	0,302	0,001	0,011	0,023	FALSE
0,070	0,292	0,002	0,009	0,094	FALSE
-0,085	0,305	-0,003	0,010	0,101	FALSE
-0,034	0,301	-0,001	0,008	0,028	FALSE
-0,104	0,309	-0,003	0,009	0,148	FALSE
0,027	0,300	0,000	0,009	0,020	FALSE
0,026	0,290	0,001	0,009	0,055	FALSE
0,096	0,305	0,003	0,007	0,147	FALSE
0,087	0,301	0,004	0,012	0,113	FALSE
0,066	0,297	0,003	0,009	0,111	FALSE
0,067	0,284	0,003	0,009	0,105	FALSE
-0,128	0,298	-0,005	0,011	0,203	FALSE
0,074	0,298	0,002	0,007	0,092	FALSE
-0,065	0,305	-0,001	0,007	0,060	FALSE
0,008	0,305	-0,002	0,011	0,057	FALSE
-0,075	0,307	-0,001	0,008	0,072	FALSE
-0,035	0,302	-0,002	0,013	0,043	FALSE
0,048	0,304	0,001	0,008	0,041	FALSE
-0,045	0,302	-0,002	0,009	0,066	FALSE
-0,038	0,297	-0,001	0,009	0,041	FALSE
-0,069	0,296	-0,002	0,008	0,078	FALSE
0,090	0,305	0,003	0,011	0,106	FALSE
-0,048	0,310	-0,001	0,008	0,064	FALSE
0,067	0,312	0,003	0,012	0,079	FALSE
-0,070	0,296	-0,002	0,008	0,081	FALSE
-0,171	0,307	-0,007	0,011	0,245	FALSE
-0,092	0,296	-0,001	0,007	0,081	FALSE
0,024	0,314	0,001	0,008	0,060	FALSE
0,034	0,322	0,001	0,010	0,043	FALSE
0,043	0,325	0,002	0,009	0,062	FALSE
0,076	0,308	0,002	0,006	0,090	FALSE
0,081	0,314	0,001	0,006	0,085	FALSE
0,034	0,324	0,001	0,011	0,035	FALSE
-0,019	0,316	0,000	0,008	0,004	FALSE
0,077	0,315	0,003	0,013	0,103	FALSE
-0,036	0,309	-0,002	0,012	0,047	FALSE
0,067	0,299	0,001	0,007	0,084	FALSE
-0,075	0,301	-0,003	0,010	0,131	FALSE
0,062	0,316	0,003	0,012	0,084	FALSE
0,026	0,299	0,002	0,012	0,063	FALSE
0,034	0,321	0,001	0,012	0,036	FALSE
-0,032	0,313	-0,001	0,010	0,031	FALSE
0,004	0,312	-0,001	0,012	0,022	FALSE
-0,118	0,302	-0,003	0,008	0,146	FALSE
-0,110	0,298	-0,003	0,009	0,136	FALSE
0,026	0,307	0,002	0,012	0,051	FALSE
-0,078	0,303	-0,004	0,012	0,138	FALSE

-0,009	0,313	0,000	0,012	0,006	FALSE
0,060	0,310	0,003	0,012	0,101	FALSE
-0,037	0,300	-0,001	0,012	0,044	FALSE
-0,020	0,301	0,000	0,008	0,008	FALSE
0,011	0,302	0,000	0,009	0,002	FALSE
0,020	0,297	0,000	0,009	0,005	FALSE
-0,082	0,306	-0,002	0,007	0,100	FALSE
-0,197	0,306	-0,009	0,013	0,300	FALSE
0,077	0,296	0,002	0,009	0,077	FALSE
-0,076	0,309	-0,003	0,010	0,107	FALSE
-0,122	0,302	-0,004	0,012	0,126	FALSE
-0,085	0,306	-0,004	0,012	0,116	FALSE
0,041	0,293	0,002	0,008	0,109	FALSE
-0,064	0,318	-0,003	0,013	0,093	FALSE
0,019	0,310	0,001	0,011	0,018	FALSE
0,083	0,307	0,003	0,012	0,098	FALSE
0,025	0,313	0,001	0,012	0,035	FALSE
-0,065	0,311	-0,002	0,008	0,087	FALSE
-0,060	0,316	-0,002	0,008	0,083	FALSE
0,038	0,294	0,001	0,012	0,031	FALSE
0,034	0,295	0,003	0,012	0,083	FALSE
-0,041	0,309	-0,001	0,008	0,026	FALSE
0,036	0,310	0,001	0,008	0,069	FALSE
0,053	0,292	0,003	0,012	0,095	FALSE
-0,030	0,320	-0,001	0,007	0,042	FALSE
0,011	0,315	0,000	0,010	0,012	FALSE
0,084	0,306	0,003	0,011	0,128	FALSE
-0,025	0,295	0,000	0,008	0,014	FALSE
0,166	0,302	0,004	0,007	0,251	FALSE
-0,022	0,305	-0,001	0,012	0,041	FALSE
0,054	0,312	0,002	0,007	0,082	FALSE
0,018	0,285	0,000	0,006	0,005	FALSE
-0,008	0,315	0,000	0,010	0,003	FALSE
0,060	0,317	0,002	0,007	0,094	FALSE
0,085	0,300	0,003	0,010	0,133	FALSE
-0,031	0,317	-0,001	0,006	0,046	FALSE
-0,061	0,313	-0,001	0,008	0,065	FALSE
0,033	0,307	0,000	0,007	0,019	FALSE
-0,053	0,314	-0,001	0,008	0,050	FALSE
-0,053	0,314	-0,002	0,009	0,068	FALSE
-0,016	0,306	-0,001	0,009	0,024	FALSE
-0,105	0,302	-0,004	0,012	0,122	FALSE
0,037	0,297	0,001	0,009	0,056	FALSE
-0,024	0,294	0,000	0,011	0,002	FALSE
0,054	0,298	0,001	0,008	0,044	FALSE
0,020	0,292	0,000	0,008	0,005	FALSE
0,072	0,301	0,001	0,008	0,061	FALSE
0,010	0,304	0,000	0,007	0,003	FALSE
0,011	0,314	0,000	0,008	0,005	FALSE
0,020	0,301	0,000	0,008	0,007	FALSE
0,050	0,297	0,001	0,007	0,031	FALSE
-0,032	0,314	-0,001	0,010	0,024	FALSE
0,211	0,289	0,009	0,012	0,336	FALSE

0,171	0,296	0,005	0,008	0,264	FALSE
0,013	0,307	0,000	0,011	0,015	FALSE
0,058	0,304	0,002	0,012	0,048	FALSE
-0,082	0,306	-0,003	0,009	0,110	FALSE
-0,054	0,295	-0,002	0,010	0,080	FALSE
-0,010	0,315	0,000	0,011	0,013	FALSE
-0,062	0,310	-0,001	0,007	0,069	FALSE
-0,044	0,310	-0,001	0,008	0,057	FALSE
-0,011	0,321	0,000	0,007	0,005	FALSE
-0,108	0,301	-0,003	0,008	0,121	FALSE
-0,059	0,308	-0,001	0,006	0,060	FALSE
0,089	0,319	0,002	0,008	0,106	FALSE
0,104	0,307	0,003	0,007	0,147	FALSE
0,099	0,304	0,004	0,011	0,140	FALSE
0,004	0,312	0,000	0,010	0,006	FALSE
-0,053	0,301	-0,002	0,013	0,059	FALSE
0,030	0,307	0,001	0,009	0,043	FALSE
0,047	0,300	0,002	0,012	0,048	FALSE
-0,147	0,306	-0,005	0,010	0,180	FALSE
-0,011	0,316	0,000	0,012	0,004	FALSE
0,049	0,313	0,001	0,007	0,033	FALSE
0,018	0,302	0,001	0,012	0,020	FALSE
-0,054	0,294	-0,002	0,009	0,083	FALSE
-0,040	0,308	-0,001	0,011	0,044	FALSE
-0,002	0,302	0,000	0,012	0,001	FALSE
0,075	0,307	0,002	0,009	0,081	FALSE
0,034	0,301	0,001	0,009	0,025	FALSE
-0,027	0,311	-0,001	0,013	0,026	FALSE
0,025	0,308	0,001	0,010	0,042	FALSE
0,014	0,286	0,001	0,009	0,027	FALSE
0,048	0,311	0,001	0,012	0,044	FALSE
-0,057	0,298	-0,001	0,007	0,044	FALSE
0,027	0,317	0,000	0,010	0,007	FALSE
-0,032	0,300	-0,001	0,012	0,042	FALSE
-0,016	0,299	-0,001	0,010	0,019	FALSE
-0,106	0,289	-0,003	0,009	0,147	FALSE
-0,003	0,299	0,000	0,009	0,012	FALSE
-0,045	0,301	-0,002	0,012	0,059	FALSE
0,064	0,296	0,001	0,008	0,040	FALSE
-0,130	0,310	-0,005	0,011	0,189	FALSE
0,037	0,297	0,001	0,012	0,023	FALSE
0,050	0,314	0,001	0,008	0,064	FALSE
0,018	0,302	0,000	0,009	0,001	FALSE
-0,082	0,304	-0,003	0,011	0,112	FALSE
-0,153	0,310	-0,004	0,007	0,210	FALSE
-0,019	0,319	-0,001	0,011	0,025	FALSE
-0,047	0,313	-0,001	0,006	0,074	FALSE
-0,005	0,323	0,000	0,011	0,010	FALSE
-0,033	0,316	-0,001	0,013	0,035	FALSE
0,088	0,299	0,004	0,012	0,141	FALSE
0,028	0,317	0,001	0,010	0,026	FALSE
-0,159	0,310	-0,007	0,013	0,221	FALSE
0,108	0,325	0,003	0,008	0,148	FALSE

-0,122	0,310	-0,006	0,013	0,177	FALSE
-0,045	0,311	-0,001	0,008	0,051	FALSE
-0,039	0,304	-0,001	0,006	0,065	FALSE
0,010	0,311	0,000	0,007	0,017	FALSE
0,082	0,313	0,004	0,011	0,128	FALSE
0,069	0,308	0,001	0,008	0,070	FALSE
-0,165	0,299	-0,007	0,012	0,228	FALSE
0,022	0,314	0,002	0,013	0,044	FALSE
0,040	0,299	0,002	0,013	0,072	FALSE
0,018	0,309	0,000	0,008	0,010	FALSE
0,079	0,300	0,003	0,011	0,108	FALSE
0,072	0,305	0,002	0,009	0,060	FALSE
-0,016	0,296	0,000	0,008	0,001	FALSE
-0,195	0,307	-0,004	0,006	0,260	FALSE
-0,043	0,293	-0,001	0,008	0,025	FALSE
-0,034	0,323	-0,001	0,007	0,034	FALSE
-0,089	0,298	-0,004	0,012	0,115	FALSE
-0,040	0,305	-0,001	0,007	0,050	FALSE
0,165	0,289	0,005	0,008	0,263	FALSE
-0,144	0,315	-0,003	0,007	0,196	FALSE
0,099	0,297	0,003	0,008	0,156	FALSE
0,151	0,308	0,004	0,008	0,192	FALSE
-0,028	0,325	-0,001	0,011	0,027	FALSE
-0,016	0,301	0,000	0,008	0,013	FALSE
0,006	0,308	0,000	0,009	0,012	FALSE
0,021	0,319	0,001	0,007	0,031	FALSE
-0,066	0,309	-0,002	0,007	0,085	FALSE
-0,091	0,289	-0,003	0,008	0,159	FALSE
0,020	0,297	0,001	0,011	0,040	FALSE
-0,106	0,317	-0,002	0,007	0,134	FALSE
-0,015	0,302	0,000	0,008	0,008	FALSE
0,062	0,316	0,001	0,008	0,046	FALSE
0,068	0,299	0,001	0,006	0,052	FALSE
0,090	0,308	0,001	0,006	0,086	FALSE
0,012	0,297	0,001	0,010	0,029	FALSE
-0,049	0,320	-0,001	0,008	0,042	FALSE
-0,049	0,299	-0,001	0,008	0,059	FALSE
0,079	0,302	0,003	0,011	0,102	FALSE
-0,117	0,313	-0,004	0,012	0,143	FALSE
-0,092	0,295	-0,004	0,012	0,148	FALSE
-0,095	0,312	-0,003	0,011	0,111	FALSE
-0,064	0,309	-0,001	0,007	0,045	FALSE
-0,076	0,313	-0,003	0,011	0,096	FALSE
0,044	0,303	0,001	0,006	0,050	FALSE
0,118	0,304	0,003	0,006	0,184	FALSE
0,032	0,294	0,001	0,006	0,042	FALSE
-0,031	0,308	-0,002	0,008	0,077	FALSE
0,057	0,314	0,001	0,006	0,044	FALSE
0,034	0,311	0,000	0,008	0,004	FALSE
-0,012	0,293	0,000	0,007	0,016	FALSE
0,079	0,303	0,002	0,009	0,102	FALSE
0,049	0,300	0,002	0,011	0,054	FALSE
0,003	0,302	0,000	0,006	0,003	FALSE

0,028	0,302	0,001	0,012	0,036	FALSE
0,062	0,303	0,002	0,009	0,092	FALSE
0,047	0,304	0,002	0,010	0,057	FALSE
-0,152	0,305	-0,004	0,009	0,207	FALSE
-0,030	0,296	-0,002	0,011	0,080	FALSE
-0,043	0,333	-0,001	0,011	0,047	FALSE
0,028	0,306	0,001	0,010	0,049	FALSE
0,027	0,311	0,001	0,007	0,033	FALSE
0,025	0,307	0,001	0,011	0,044	FALSE
-0,002	0,298	0,001	0,012	0,019	FALSE
0,167	0,293	0,005	0,008	0,260	FALSE
-0,050	0,307	-0,001	0,009	0,060	FALSE
-0,086	0,305	-0,003	0,009	0,114	FALSE
-0,041	0,306	-0,001	0,007	0,061	FALSE
-0,015	0,307	-0,001	0,009	0,037	FALSE
-0,095	0,300	-0,002	0,006	0,111	FALSE
-0,041	0,296	-0,001	0,006	0,090	FALSE
0,108	0,301	0,004	0,008	0,187	FALSE
0,053	0,319	0,003	0,012	0,083	FALSE
0,017	0,295	0,001	0,010	0,026	FALSE
-0,041	0,329	-0,002	0,012	0,051	FALSE
-0,049	0,320	-0,002	0,012	0,059	FALSE
-0,072	0,309	-0,002	0,012	0,076	FALSE
-0,013	0,306	0,000	0,011	0,002	FALSE
-0,058	0,298	-0,001	0,006	0,079	FALSE
-0,018	0,316	0,000	0,006	0,026	FALSE
-0,165	0,309	-0,003	0,006	0,208	FALSE
-0,187	0,315	-0,006	0,009	0,272	FALSE
-0,107	0,306	-0,002	0,006	0,153	FALSE
-0,102	0,316	-0,003	0,008	0,129	FALSE
0,030	0,307	0,001	0,010	0,052	FALSE
0,016	0,309	0,001	0,010	0,040	FALSE
0,007	0,309	0,000	0,010	0,005	FALSE
0,058	0,311	0,002	0,009	0,106	FALSE
-0,007	0,316	0,000	0,008	0,003	FALSE
0,100	0,310	0,003	0,011	0,105	FALSE
-0,159	0,294	-0,005	0,010	0,213	FALSE
0,103	0,314	0,003	0,009	0,144	FALSE
-0,026	0,318	-0,001	0,009	0,020	FALSE
-0,028	0,315	-0,001	0,006	0,033	FALSE
0,144	0,301	0,002	0,007	0,141	FALSE
-0,016	0,295	0,000	0,007	0,012	FALSE
-0,036	0,293	-0,001	0,006	0,053	FALSE
0,013	0,311	0,000	0,008	0,017	FALSE
0,142	0,300	0,003	0,007	0,155	FALSE
-0,019	0,318	0,000	0,008	0,019	FALSE
-0,052	0,298	-0,001	0,007	0,061	FALSE
0,134	0,297	0,005	0,011	0,213	FALSE
-0,015	0,316	-0,001	0,013	0,035	FALSE
-0,025	0,314	0,000	0,010	0,016	FALSE
0,011	0,294	0,000	0,008	0,016	FALSE
-0,072	0,315	-0,002	0,010	0,090	FALSE
-0,099	0,306	-0,002	0,007	0,111	FALSE

0,057	0,305	0,001	0,008	0,059	FALSE
0,061	0,309	0,003	0,013	0,085	FALSE
0,019	0,301	0,001	0,011	0,032	FALSE
-0,072	0,310	-0,002	0,009	0,077	TRUE
0,004	0,324	0,000	0,009	0,015	FALSE
0,005	0,307	0,000	0,009	0,008	FALSE
-0,063	0,308	-0,001	0,013	0,040	FALSE
0,065	0,309	0,004	0,012	0,122	FALSE
-0,052	0,319	-0,003	0,010	0,095	FALSE
-0,102	0,305	-0,003	0,009	0,156	FALSE
0,083	0,310	0,003	0,010	0,133	FALSE
-0,165	0,303	-0,007	0,012	0,276	FALSE
0,033	0,301	0,000	0,007	0,015	FALSE
0,101	0,295	0,002	0,006	0,136	FALSE
-0,061	0,312	-0,002	0,013	0,063	FALSE
-0,059	0,306	-0,001	0,010	0,045	FALSE
0,075	0,309	0,002	0,012	0,056	FALSE
0,067	0,308	0,002	0,012	0,052	FALSE
-0,010	0,312	0,000	0,009	0,011	FALSE
0,078	0,321	0,002	0,008	0,076	FALSE
-0,056	0,320	-0,001	0,008	0,060	FALSE
0,092	0,297	0,002	0,007	0,133	FALSE
-0,010	0,305	-0,001	0,011	0,037	FALSE
0,041	0,295	0,000	0,009	0,019	FALSE
-0,142	0,303	-0,003	0,007	0,176	FALSE
0,018	0,297	0,002	0,009	0,072	FALSE
0,032	0,310	0,000	0,011	0,007	FALSE
-0,047	0,302	-0,001	0,010	0,040	FALSE
-0,182	0,303	-0,006	0,009	0,299	FALSE
-0,039	0,301	-0,001	0,007	0,036	FALSE
-0,188	0,297	-0,008	0,011	0,301	FALSE
-0,115	0,305	-0,002	0,006	0,147	FALSE
-0,038	0,302	-0,001	0,007	0,034	FALSE
0,087	0,301	0,003	0,010	0,100	FALSE
-0,007	0,304	0,000	0,007	0,007	FALSE
-0,084	0,309	-0,003	0,011	0,101	FALSE
-0,115	0,310	-0,004	0,010	0,157	FALSE
-0,035	0,305	-0,001	0,010	0,024	FALSE
0,028	0,303	0,001	0,009	0,043	FALSE
-0,031	0,303	-0,001	0,008	0,060	FALSE
0,049	0,300	0,002	0,012	0,064	FALSE
0,048	0,309	0,001	0,010	0,049	FALSE
-0,154	0,303	-0,006	0,009	0,256	FALSE
-0,068	0,318	-0,003	0,010	0,114	FALSE
-0,019	0,293	-0,001	0,012	0,025	FALSE
-0,045	0,312	-0,002	0,012	0,066	FALSE
-0,006	0,301	-0,001	0,012	0,019	FALSE
0,000	0,305	0,000	0,011	0,007	FALSE
-0,002	0,302	-0,001	0,012	0,030	FALSE
-0,054	0,304	-0,001	0,007	0,070	FALSE
-0,065	0,320	-0,001	0,007	0,075	FALSE
-0,151	0,293	-0,006	0,011	0,219	FALSE
0,073	0,311	0,003	0,010	0,111	FALSE

-0,059	0,308	-0,001	0,007	0,057	FALSE
-0,096	0,305	-0,005	0,012	0,154	FALSE
0,082	0,294	0,002	0,006	0,121	FALSE
0,026	0,307	0,001	0,010	0,041	FALSE
-0,002	0,314	0,000	0,007	0,009	FALSE
-0,094	0,319	-0,005	0,013	0,140	FALSE
-0,101	0,299	-0,004	0,010	0,137	FALSE
0,137	0,302	0,004	0,010	0,154	FALSE
0,011	0,316	0,000	0,006	0,024	FALSE
0,006	0,309	0,000	0,007	0,014	FALSE
0,098	0,310	0,002	0,010	0,079	FALSE
0,117	0,305	0,003	0,008	0,124	FALSE
0,076	0,306	0,002	0,013	0,064	FALSE
-0,092	0,299	-0,002	0,006	0,131	FALSE
-0,106	0,312	-0,004	0,012	0,140	FALSE
0,015	0,314	0,001	0,011	0,041	FALSE
-0,047	0,311	-0,002	0,012	0,049	FALSE
-0,005	0,305	0,000	0,006	0,002	FALSE
0,089	0,313	0,002	0,008	0,102	FALSE
0,095	0,315	0,002	0,009	0,100	FALSE
-0,029	0,308	0,000	0,012	0,013	FALSE
-0,123	0,306	-0,003	0,006	0,191	FALSE
-0,050	0,290	-0,001	0,007	0,026	FALSE
-0,037	0,303	-0,001	0,010	0,034	FALSE
0,051	0,315	0,003	0,012	0,083	FALSE
0,011	0,314	0,000	0,007	0,006	FALSE
-0,013	0,308	-0,001	0,013	0,031	FALSE
-0,042	0,290	-0,002	0,012	0,077	FALSE
0,035	0,310	0,000	0,008	0,006	FALSE
-0,013	0,310	0,000	0,009	0,007	FALSE
0,073	0,314	0,002	0,010	0,076	FALSE
0,086	0,309	0,002	0,010	0,086	FALSE
0,067	0,306	0,002	0,010	0,064	FALSE
-0,047	0,306	-0,002	0,012	0,065	FALSE
-0,064	0,298	-0,003	0,012	0,111	FALSE
0,111	0,325	0,003	0,008	0,143	FALSE
-0,027	0,315	-0,002	0,013	0,059	FALSE
-0,029	0,315	-0,001	0,012	0,019	FALSE
-0,040	0,312	-0,002	0,013	0,053	FALSE
-0,039	0,301	-0,002	0,012	0,060	FALSE
0,087	0,299	0,003	0,009	0,142	FALSE
-0,024	0,299	-0,001	0,007	0,031	FALSE
0,058	0,321	0,001	0,010	0,045	FALSE
0,022	0,306	0,001	0,012	0,038	FALSE
-0,034	0,321	-0,001	0,013	0,035	FALSE
0,110	0,304	0,004	0,013	0,110	FALSE
-0,079	0,305	-0,002	0,009	0,097	FALSE
-0,070	0,313	-0,002	0,010	0,088	FALSE
0,070	0,311	0,001	0,007	0,059	FALSE
-0,005	0,300	0,000	0,011	0,010	FALSE
-0,033	0,312	-0,001	0,011	0,040	FALSE
0,007	0,311	0,000	0,008	0,014	FALSE
-0,112	0,304	-0,004	0,010	0,162	FALSE

-0,094	0,301	-0,001	0,006	0,083	FALSE
-0,018	0,310	0,000	0,010	0,001	FALSE
-0,044	0,299	-0,001	0,009	0,047	FALSE
-0,019	0,323	-0,001	0,008	0,037	FALSE
0,080	0,306	0,001	0,007	0,072	FALSE
-0,048	0,301	-0,001	0,009	0,039	FALSE
-0,178	0,285	-0,007	0,012	0,270	FALSE
0,086	0,297	0,002	0,007	0,085	FALSE
-0,012	0,309	0,000	0,007	0,024	FALSE
0,037	0,309	0,001	0,008	0,034	FALSE
-0,010	0,316	0,000	0,007	0,001	FALSE
0,120	0,314	0,003	0,007	0,158	FALSE
0,041	0,305	0,002	0,007	0,092	FALSE
-0,117	0,300	-0,004	0,011	0,142	FALSE
-0,135	0,296	-0,006	0,011	0,219	FALSE
0,075	0,297	0,004	0,012	0,123	FALSE
0,078	0,309	0,002	0,007	0,106	FALSE
-0,103	0,307	-0,004	0,011	0,150	FALSE
-0,113	0,298	-0,005	0,011	0,168	FALSE
-0,115	0,306	-0,005	0,012	0,162	FALSE
-0,055	0,302	-0,003	0,010	0,095	FALSE
-0,052	0,289	-0,001	0,007	0,055	FALSE
-0,049	0,317	-0,002	0,009	0,075	FALSE
-0,006	0,319	0,000	0,007	0,014	FALSE
0,105	0,312	0,003	0,008	0,139	FALSE
0,010	0,309	0,000	0,012	0,000	FALSE
-0,004	0,314	0,001	0,010	0,022	FALSE
-0,008	0,311	0,000	0,009	0,012	FALSE
0,091	0,311	0,003	0,008	0,131	FALSE
0,074	0,300	0,002	0,007	0,080	FALSE
-0,058	0,307	-0,001	0,010	0,055	FALSE
-0,122	0,297	-0,004	0,012	0,135	FALSE
-0,125	0,312	-0,005	0,011	0,169	FALSE
0,027	0,311	0,001	0,011	0,046	FALSE
0,116	0,314	0,003	0,008	0,144	FALSE
-0,113	0,299	-0,004	0,011	0,152	FALSE
0,029	0,309	0,000	0,007	0,022	FALSE
0,063	0,310	0,002	0,012	0,055	FALSE
-0,044	0,310	-0,001	0,008	0,056	FALSE
0,142	0,294	0,008	0,012	0,305	FALSE
-0,083	0,312	-0,003	0,009	0,135	FALSE
-0,119	0,286	-0,005	0,010	0,190	FALSE
0,132	0,290	0,007	0,012	0,240	FALSE
0,112	0,298	0,005	0,009	0,207	FALSE
0,050	0,323	0,001	0,007	0,030	FALSE
-0,041	0,314	-0,001	0,007	0,069	FALSE
-0,030	0,300	-0,001	0,007	0,063	FALSE
0,048	0,309	0,001	0,007	0,052	FALSE
-0,112	0,308	-0,003	0,007	0,152	FALSE
-0,108	0,308	-0,003	0,007	0,164	FALSE
-0,016	0,313	0,000	0,007	0,009	FALSE
0,129	0,301	0,005	0,012	0,157	FALSE
0,031	0,302	0,000	0,006	0,026	FALSE

-0,057	0,305	-0,001	0,008	0,072	FALSE
-0,031	0,308	-0,001	0,007	0,039	FALSE
-0,070	0,314	-0,001	0,007	0,074	FALSE
0,115	0,304	0,004	0,010	0,174	FALSE
0,031	0,302	0,001	0,011	0,041	FALSE
0,215	0,291	0,005	0,007	0,364	FALSE
-0,060	0,296	-0,003	0,012	0,076	FALSE
-0,019	0,321	-0,001	0,013	0,026	FALSE
-0,101	0,311	-0,002	0,007	0,117	FALSE
0,001	0,304	-0,001	0,011	0,034	FALSE
0,166	0,295	0,005	0,008	0,269	FALSE
-0,010	0,310	0,000	0,009	0,020	FALSE
0,144	0,320	0,004	0,008	0,213	FALSE
-0,096	0,311	-0,003	0,012	0,109	FALSE
-0,127	0,292	-0,004	0,010	0,166	FALSE
-0,013	0,292	0,000	0,008	0,013	FALSE
0,070	0,305	0,002	0,012	0,077	FALSE
0,174	0,300	0,006	0,010	0,282	FALSE
0,088	0,312	0,002	0,008	0,078	FALSE
-0,049	0,318	-0,002	0,009	0,091	FALSE
0,030	0,323	0,001	0,013	0,029	FALSE
0,028	0,303	0,001	0,011	0,016	FALSE
0,085	0,306	0,002	0,006	0,114	FALSE
-0,042	0,325	-0,002	0,010	0,057	FALSE
0,073	0,298	0,002	0,006	0,122	FALSE
-0,115	0,309	-0,005	0,011	0,163	FALSE
0,058	0,308	0,002	0,008	0,090	FALSE
0,120	0,298	0,004	0,011	0,155	FALSE
-0,184	0,298	-0,007	0,012	0,271	FALSE
-0,146	0,304	-0,004	0,009	0,192	FALSE
0,194	0,298	0,006	0,009	0,293	FALSE
-0,010	0,318	0,000	0,008	0,021	FALSE
-0,061	0,293	-0,003	0,012	0,081	FALSE
-0,037	0,322	-0,001	0,011	0,024	FALSE
-0,025	0,310	-0,001	0,009	0,023	FALSE
0,169	0,299	0,007	0,011	0,277	FALSE
0,209	0,307	0,009	0,012	0,348	FALSE
0,025	0,315	0,001	0,009	0,026	FALSE
0,030	0,295	0,002	0,012	0,053	FALSE
0,013	0,291	0,001	0,006	0,057	FALSE
-0,001	0,301	0,001	0,007	0,028	FALSE
0,008	0,303	0,001	0,007	0,044	FALSE
0,006	0,295	-0,001	0,012	0,039	FALSE
0,024	0,322	0,001	0,009	0,026	FALSE
-0,002	0,303	-0,001	0,010	0,027	FALSE
-0,019	0,304	-0,001	0,012	0,036	FALSE
-0,013	0,314	-0,001	0,007	0,033	FALSE
0,000	0,293	0,000	0,008	0,008	FALSE
0,078	0,307	0,003	0,008	0,138	FALSE
0,086	0,316	0,003	0,011	0,108	FALSE
0,090	0,315	0,003	0,010	0,138	FALSE
0,058	0,309	0,001	0,008	0,054	FALSE
-0,001	0,295	0,000	0,009	0,016	FALSE

0,022	0,306	0,001	0,010	0,036	FALSE
0,038	0,303	0,002	0,010	0,059	FALSE
-0,023	0,299	-0,001	0,008	0,034	FALSE
-0,045	0,311	-0,002	0,013	0,055	FALSE
-0,027	0,321	-0,001	0,007	0,038	FALSE
-0,076	0,302	-0,002	0,009	0,105	FALSE
-0,017	0,313	0,000	0,010	0,014	FALSE
0,011	0,304	0,001	0,008	0,033	FALSE
0,020	0,304	0,001	0,007	0,031	FALSE
-0,104	0,305	-0,004	0,010	0,164	FALSE
0,112	0,309	0,003	0,010	0,136	FALSE
0,077	0,301	0,002	0,007	0,094	FALSE
-0,043	0,311	-0,001	0,008	0,045	FALSE
-0,039	0,313	-0,001	0,013	0,039	FALSE
0,033	0,308	0,001	0,008	0,063	FALSE
-0,073	0,313	-0,002	0,010	0,070	FALSE
0,039	0,305	0,001	0,008	0,060	FALSE
0,160	0,300	0,006	0,010	0,247	FALSE
-0,194	0,305	-0,004	0,007	0,278	FALSE
-0,094	0,315	-0,004	0,012	0,127	FALSE
-0,009	0,311	0,000	0,007	0,009	FALSE
-0,006	0,310	-0,001	0,012	0,028	FALSE
0,010	0,311	0,001	0,011	0,029	FALSE
-0,020	0,302	0,000	0,007	0,017	FALSE
0,007	0,302	0,000	0,007	0,015	FALSE
-0,047	0,305	-0,001	0,008	0,062	FALSE
-0,078	0,306	-0,002	0,010	0,078	FALSE
-0,080	0,312	-0,003	0,011	0,092	FALSE
0,040	0,301	0,001	0,009	0,024	FALSE
0,110	0,310	0,005	0,012	0,152	FALSE
-0,089	0,305	-0,003	0,010	0,118	FALSE
-0,012	0,299	0,000	0,012	0,000	FALSE
0,003	0,301	0,000	0,009	0,015	FALSE
0,102	0,300	0,002	0,011	0,085	FALSE
-0,046	0,303	-0,002	0,011	0,054	FALSE
-0,137	0,303	-0,005	0,013	0,175	FALSE
0,080	0,302	0,004	0,011	0,126	FALSE
0,041	0,286	0,001	0,006	0,046	FALSE
0,003	0,302	0,000	0,006	0,011	FALSE
-0,043	0,309	-0,003	0,013	0,103	FALSE
-0,020	0,311	0,000	0,008	0,001	FALSE
-0,030	0,303	-0,001	0,010	0,044	FALSE
-0,059	0,317	-0,001	0,008	0,024	FALSE
-0,044	0,305	0,000	0,007	0,019	FALSE
-0,058	0,323	-0,001	0,008	0,029	FALSE
-0,060	0,306	-0,001	0,006	0,077	FALSE
0,029	0,304	0,000	0,007	0,021	FALSE
-0,052	0,302	-0,002	0,012	0,056	FALSE
-0,165	0,309	-0,005	0,009	0,254	FALSE
0,039	0,307	0,001	0,007	0,064	FALSE
-0,023	0,285	0,000	0,013	0,004	FALSE
-0,062	0,305	-0,001	0,011	0,047	FALSE
0,083	0,313	0,003	0,013	0,103	FALSE

0,037	0,315	0,001	0,013	0,032	FALSE
0,061	0,304	0,003	0,013	0,088	FALSE
-0,044	0,324	-0,001	0,007	0,041	FALSE
0,040	0,309	0,001	0,009	0,059	FALSE
0,093	0,289	0,003	0,013	0,098	FALSE
0,133	0,296	0,005	0,013	0,160	FALSE
0,107	0,297	0,004	0,013	0,114	FALSE
-0,013	0,292	0,000	0,009	0,002	FALSE
0,071	0,290	0,001	0,008	0,054	FALSE
-0,107	0,311	-0,002	0,007	0,134	FALSE
-0,066	0,308	-0,002	0,010	0,090	FALSE
-0,068	0,318	-0,002	0,010	0,089	FALSE
0,068	0,307	0,002	0,011	0,088	FALSE
0,065	0,310	0,003	0,012	0,083	FALSE
-0,023	0,316	0,000	0,007	0,010	FALSE
0,014	0,306	0,000	0,008	0,019	FALSE
-0,030	0,303	-0,001	0,006	0,048	FALSE
-0,034	0,315	-0,002	0,011	0,068	FALSE
0,014	0,321	0,001	0,012	0,023	FALSE
0,047	0,308	0,001	0,012	0,037	FALSE
-0,073	0,301	-0,002	0,012	0,047	FALSE
-0,040	0,308	-0,001	0,008	0,065	FALSE
-0,028	0,293	-0,001	0,007	0,042	FALSE
0,033	0,306	0,001	0,007	0,032	FALSE
0,210	0,295	0,004	0,007	0,280	FALSE
0,114	0,304	0,002	0,007	0,120	FALSE
0,006	0,303	-0,001	0,009	0,022	FALSE
-0,146	0,298	-0,004	0,008	0,231	FALSE
0,022	0,319	0,000	0,010	0,002	FALSE
-0,042	0,308	-0,001	0,008	0,049	FALSE
-0,156	0,302	-0,005	0,009	0,226	FALSE
0,116	0,298	0,003	0,009	0,126	FALSE
0,007	0,297	-0,001	0,008	0,026	FALSE
-0,090	0,282	-0,001	0,006	0,070	FALSE
-0,049	0,309	-0,003	0,010	0,116	FALSE
0,149	0,293	0,005	0,010	0,188	FALSE
0,025	0,303	0,001	0,012	0,025	FALSE
0,091	0,310	0,003	0,008	0,123	FALSE
-0,073	0,323	-0,003	0,013	0,089	FALSE
-0,178	0,308	-0,006	0,010	0,270	FALSE
-0,152	0,297	-0,006	0,012	0,209	FALSE
-0,095	0,301	-0,004	0,011	0,156	FALSE
0,124	0,314	0,004	0,007	0,213	FALSE
0,025	0,316	0,000	0,010	0,010	FALSE
-0,199	0,311	-0,005	0,008	0,291	FALSE
-0,155	0,307	-0,006	0,009	0,253	FALSE
-0,087	0,304	-0,004	0,012	0,131	FALSE
-0,037	0,306	-0,001	0,007	0,040	FALSE
-0,051	0,310	-0,001	0,007	0,047	FALSE
0,040	0,298	0,002	0,012	0,051	FALSE
0,113	0,294	0,003	0,010	0,120	FALSE
-0,073	0,290	-0,003	0,012	0,101	FALSE
0,051	0,300	0,003	0,010	0,101	FALSE

-0,025	0,317	-0,001	0,012	0,022	FALSE
-0,072	0,305	-0,003	0,012	0,093	FALSE
0,049	0,314	0,001	0,008	0,048	FALSE
-0,044	0,305	-0,002	0,011	0,055	FALSE
-0,006	0,304	0,000	0,009	0,009	FALSE
0,081	0,298	0,002	0,007	0,120	FALSE
-0,046	0,318	-0,001	0,010	0,024	FALSE
-0,038	0,298	-0,002	0,009	0,065	FALSE
-0,138	0,298	-0,003	0,006	0,200	FALSE
0,113	0,295	0,003	0,007	0,210	FALSE
0,141	0,311	0,006	0,012	0,196	FALSE
0,115	0,319	0,004	0,013	0,128	FALSE
-0,120	0,308	-0,004	0,011	0,150	FALSE
-0,047	0,297	-0,001	0,008	0,070	FALSE
0,156	0,293	0,006	0,011	0,235	FALSE
0,059	0,299	0,002	0,012	0,065	FALSE
0,013	0,313	0,000	0,009	0,005	FALSE
-0,030	0,318	-0,001	0,008	0,042	FALSE
0,034	0,295	0,001	0,008	0,068	FALSE
-0,147	0,309	-0,006	0,012	0,224	FALSE
0,050	0,314	0,003	0,011	0,089	FALSE
0,077	0,305	0,003	0,013	0,089	FALSE
0,062	0,297	0,001	0,007	0,072	FALSE
0,071	0,307	0,003	0,012	0,083	FALSE
0,092	0,303	0,004	0,013	0,108	FALSE
0,096	0,301	0,004	0,012	0,149	FALSE
0,055	0,315	0,001	0,007	0,035	FALSE
-0,184	0,304	-0,008	0,013	0,273	FALSE
-0,076	0,310	-0,002	0,007	0,094	FALSE
0,044	0,300	0,001	0,009	0,043	FALSE
-0,063	0,305	-0,003	0,010	0,101	FALSE
0,037	0,323	0,001	0,013	0,018	FALSE
-0,126	0,309	-0,003	0,008	0,151	FALSE
-0,040	0,308	-0,002	0,012	0,071	FALSE
-0,095	0,312	-0,004	0,011	0,151	FALSE
-0,077	0,319	-0,004	0,012	0,122	FALSE
0,015	0,316	0,002	0,012	0,060	FALSE
-0,035	0,300	-0,001	0,011	0,025	FALSE
-0,035	0,304	-0,001	0,010	0,019	FALSE
0,174	0,303	0,005	0,008	0,260	FALSE
-0,024	0,303	-0,001	0,006	0,042	FALSE
-0,181	0,290	-0,005	0,009	0,263	FALSE
0,071	0,297	0,003	0,011	0,111	FALSE
-0,013	0,293	0,000	0,009	0,007	FALSE
0,081	0,302	0,002	0,006	0,110	FALSE
-0,133	0,306	-0,004	0,008	0,226	FALSE
-0,043	0,324	-0,001	0,007	0,054	FALSE
-0,073	0,302	-0,002	0,006	0,091	FALSE
-0,079	0,316	-0,002	0,008	0,108	FALSE
-0,037	0,319	-0,001	0,012	0,043	FALSE
-0,048	0,305	-0,001	0,007	0,056	FALSE
-0,084	0,310	-0,003	0,010	0,110	FALSE
0,117	0,291	0,005	0,012	0,156	FALSE

0,017	0,307	0,001	0,010	0,020	FALSE
0,049	0,306	0,001	0,009	0,056	FALSE
-0,082	0,303	-0,002	0,006	0,135	FALSE
-0,108	0,300	-0,004	0,013	0,128	FALSE
0,070	0,312	0,002	0,010	0,094	FALSE
0,076	0,307	0,001	0,006	0,077	FALSE
0,086	0,299	0,002	0,008	0,090	FALSE
-0,058	0,307	-0,003	0,010	0,097	FALSE
0,043	0,305	0,002	0,012	0,050	FALSE
0,056	0,300	0,003	0,012	0,109	FALSE
0,017	0,304	0,001	0,011	0,028	FALSE
-0,008	0,304	-0,001	0,007	0,039	FALSE
0,012	0,309	0,000	0,008	0,016	FALSE
-0,046	0,320	-0,002	0,012	0,057	FALSE
0,065	0,304	0,001	0,007	0,034	FALSE
0,034	0,309	0,000	0,008	0,013	FALSE
-0,116	0,301	-0,002	0,007	0,133	FALSE
0,010	0,314	0,001	0,012	0,027	FALSE
-0,013	0,318	0,000	0,006	0,021	FALSE
0,030	0,314	0,001	0,012	0,035	FALSE
0,046	0,307	0,001	0,007	0,073	FALSE
0,005	0,302	0,000	0,006	0,023	FALSE
-0,009	0,308	0,000	0,012	0,004	FALSE
0,061	0,307	0,001	0,007	0,039	FALSE
-0,005	0,309	0,000	0,006	0,012	FALSE
-0,015	0,313	0,000	0,011	0,003	FALSE
-0,023	0,288	-0,001	0,011	0,045	FALSE
-0,163	0,302	-0,004	0,007	0,208	FALSE
-0,017	0,314	0,000	0,007	0,019	FALSE
-0,027	0,319	-0,001	0,007	0,049	FALSE
0,112	0,301	0,002	0,006	0,128	FALSE
0,089	0,288	0,002	0,006	0,118	FALSE
0,043	0,290	0,001	0,008	0,034	FALSE
-0,036	0,307	-0,001	0,007	0,051	FALSE
-0,079	0,299	-0,003	0,012	0,092	FALSE
0,190	0,285	0,008	0,012	0,295	FALSE
-0,013	0,320	-0,001	0,006	0,035	FALSE
-0,042	0,307	-0,001	0,007	0,075	FALSE
-0,101	0,304	-0,003	0,010	0,126	FALSE
0,168	0,296	0,007	0,012	0,228	FALSE
0,108	0,296	0,003	0,009	0,114	FALSE
0,076	0,312	0,002	0,007	0,100	FALSE
0,023	0,307	0,001	0,010	0,049	FALSE
-0,049	0,321	-0,002	0,013	0,059	FALSE
0,056	0,314	0,001	0,008	0,044	FALSE
-0,048	0,314	-0,002	0,010	0,073	FALSE
0,010	0,299	0,001	0,007	0,041	FALSE
-0,036	0,308	-0,001	0,012	0,024	FALSE
-0,010	0,314	0,000	0,008	0,019	FALSE
0,018	0,299	0,000	0,007	0,017	FALSE
-0,138	0,301	-0,004	0,009	0,198	FALSE
0,062	0,304	0,003	0,012	0,086	FALSE
-0,052	0,300	-0,003	0,012	0,083	FALSE

-0,004	0,301	-0,001	0,011	0,018	FALSE
0,022	0,294	0,001	0,010	0,028	FALSE
-0,049	0,314	-0,001	0,008	0,068	FALSE
0,027	0,321	0,001	0,007	0,028	FALSE
0,060	0,308	0,002	0,010	0,081	FALSE
0,063	0,305	0,002	0,007	0,099	FALSE
-0,017	0,307	-0,001	0,011	0,041	FALSE
-0,010	0,301	-0,001	0,006	0,046	FALSE
0,054	0,318	0,002	0,010	0,070	FALSE
0,013	0,308	0,001	0,012	0,019	FALSE
-0,135	0,296	-0,003	0,008	0,177	FALSE
-0,077	0,303	-0,002	0,007	0,099	FALSE
-0,051	0,310	-0,001	0,011	0,042	FALSE
0,016	0,311	0,000	0,009	0,006	FALSE
0,108	0,323	0,003	0,010	0,136	FALSE
0,050	0,310	0,002	0,011	0,050	FALSE
0,034	0,301	0,001	0,006	0,059	FALSE
0,002	0,307	0,000	0,007	0,017	FALSE
-0,087	0,305	-0,003	0,013	0,101	FALSE
0,102	0,304	0,003	0,008	0,123	FALSE
0,017	0,306	0,000	0,007	0,007	FALSE
-0,006	0,303	-0,001	0,006	0,039	FALSE
0,129	0,298	0,004	0,010	0,175	FALSE
0,119	0,310	0,004	0,013	0,137	FALSE
0,022	0,312	0,001	0,009	0,054	FALSE
0,101	0,293	0,003	0,009	0,138	FALSE
0,085	0,303	0,003	0,010	0,110	FALSE
0,055	0,314	0,002	0,010	0,071	FALSE
0,058	0,294	0,003	0,011	0,121	FALSE
0,082	0,311	0,003	0,010	0,115	FALSE
0,049	0,310	0,002	0,012	0,072	FALSE
-0,037	0,305	-0,002	0,011	0,063	FALSE
0,097	0,313	0,004	0,012	0,133	FALSE
0,083	0,297	0,004	0,011	0,123	FALSE
0,078	0,312	0,003	0,013	0,101	FALSE
-0,076	0,295	-0,001	0,007	0,077	FALSE
-0,045	0,308	-0,002	0,012	0,058	FALSE
-0,111	0,308	-0,003	0,009	0,136	FALSE
0,022	0,309	0,000	0,012	0,003	FALSE
0,061	0,304	0,001	0,009	0,051	FALSE
0,025	0,306	0,000	0,009	0,012	FALSE
0,007	0,311	0,000	0,012	0,009	FALSE
-0,003	0,309	-0,001	0,012	0,045	FALSE
-0,024	0,307	-0,001	0,010	0,054	FALSE
0,109	0,283	0,003	0,007	0,184	FALSE
-0,091	0,311	-0,003	0,009	0,118	FALSE
-0,020	0,305	-0,001	0,007	0,029	FALSE
-0,026	0,295	0,000	0,008	0,020	FALSE
0,009	0,307	0,000	0,012	0,008	FALSE
-0,093	0,302	-0,003	0,008	0,150	FALSE
-0,022	0,296	-0,001	0,012	0,045	FALSE
0,004	0,297	0,000	0,012	0,007	FALSE
-0,014	0,304	-0,002	0,012	0,045	FALSE

-0,031	0,298	-0,002	0,012	0,076	FALSE
0,083	0,309	0,004	0,013	0,113	FALSE
0,052	0,311	0,002	0,012	0,076	FALSE
-0,108	0,301	-0,003	0,009	0,146	FALSE
-0,023	0,301	-0,001	0,010	0,025	FALSE
-0,018	0,305	-0,001	0,009	0,021	FALSE
0,248	0,307	0,007	0,011	0,320	FALSE
-0,209	0,291	-0,004	0,006	0,290	FALSE
-0,165	0,302	-0,004	0,007	0,217	FALSE
-0,018	0,322	-0,001	0,012	0,019	FALSE
0,053	0,315	0,001	0,009	0,058	FALSE
0,037	0,298	0,001	0,012	0,043	FALSE
0,088	0,304	0,002	0,007	0,137	FALSE
-0,050	0,309	-0,002	0,011	0,078	FALSE
0,014	0,308	0,000	0,013	0,003	FALSE
-0,119	0,305	-0,005	0,011	0,187	FALSE
-0,076	0,298	-0,003	0,009	0,118	FALSE
-0,087	0,293	-0,003	0,012	0,083	FALSE
0,115	0,304	0,003	0,011	0,127	FALSE
-0,100	0,285	-0,003	0,012	0,081	FALSE
-0,037	0,300	-0,003	0,012	0,081	FALSE
0,112	0,287	0,003	0,011	0,102	FALSE
0,040	0,297	0,002	0,008	0,088	FALSE
0,024	0,299	0,001	0,010	0,032	FALSE
0,045	0,307	0,001	0,007	0,058	FALSE
-0,146	0,303	-0,006	0,012	0,219	FALSE
0,046	0,302	0,002	0,010	0,084	FALSE
0,020	0,323	0,000	0,007	0,022	FALSE
0,021	0,301	0,001	0,012	0,033	FALSE
-0,093	0,305	-0,002	0,008	0,117	FALSE
-0,024	0,308	-0,001	0,008	0,038	FALSE
0,041	0,314	0,001	0,012	0,026	FALSE
0,066	0,310	0,002	0,011	0,057	FALSE
0,044	0,301	0,001	0,012	0,043	FALSE
-0,066	0,317	-0,002	0,008	0,088	FALSE
0,104	0,316	0,003	0,008	0,130	FALSE
0,007	0,306	0,000	0,007	0,007	FALSE
0,078	0,297	0,002	0,006	0,131	FALSE
-0,093	0,318	-0,003	0,010	0,115	FALSE
0,074	0,292	0,003	0,008	0,118	FALSE
-0,088	0,299	-0,002	0,007	0,118	FALSE
0,005	0,295	0,000	0,008	0,020	FALSE
-0,109	0,287	-0,004	0,011	0,160	FALSE
-0,060	0,298	-0,003	0,012	0,104	FALSE
0,069	0,310	0,002	0,007	0,095	FALSE
-0,036	0,313	-0,001	0,008	0,049	FALSE
0,052	0,306	0,003	0,012	0,094	FALSE
0,091	0,321	0,002	0,007	0,089	FALSE
-0,126	0,297	-0,004	0,012	0,146	FALSE
-0,139	0,307	-0,005	0,011	0,169	FALSE
-0,225	0,296	-0,009	0,012	0,331	FALSE
-0,239	0,308	-0,010	0,013	0,351	FALSE
0,010	0,308	0,000	0,009	0,020	FALSE

-0,064	0,314	-0,002	0,009	0,078	FALSE
-0,020	0,299	0,000	0,008	0,019	FALSE
-0,047	0,302	-0,001	0,012	0,038	FALSE
0,098	0,305	0,003	0,008	0,131	FALSE
0,009	0,304	0,000	0,008	0,009	FALSE
-0,101	0,295	-0,003	0,012	0,107	FALSE
0,048	0,297	0,001	0,012	0,043	FALSE
-0,068	0,319	-0,002	0,008	0,071	FALSE
0,133	0,300	0,005	0,011	0,185	FALSE
0,056	0,313	0,001	0,006	0,078	FALSE
0,068	0,309	0,002	0,007	0,097	FALSE
-0,073	0,306	-0,001	0,006	0,076	FALSE
-0,198	0,294	-0,006	0,009	0,312	FALSE
-0,077	0,318	-0,001	0,006	0,069	FALSE
-0,064	0,306	-0,003	0,010	0,101	FALSE
-0,063	0,297	-0,002	0,007	0,106	FALSE
-0,121	0,305	-0,003	0,008	0,150	FALSE
-0,133	0,310	-0,004	0,008	0,182	FALSE
0,037	0,310	0,001	0,006	0,076	FALSE
-0,082	0,311	-0,002	0,009	0,078	FALSE
-0,156	0,314	-0,004	0,009	0,173	FALSE
0,132	0,293	0,004	0,012	0,129	FALSE
0,078	0,298	0,002	0,010	0,090	FALSE
-0,011	0,319	0,000	0,007	0,018	FALSE
0,002	0,305	0,000	0,007	0,022	FALSE
-0,144	0,310	-0,006	0,011	0,209	FALSE
-0,004	0,307	0,000	0,008	0,011	FALSE
0,024	0,295	0,001	0,006	0,037	FALSE
0,001	0,305	0,000	0,012	0,012	FALSE
-0,016	0,302	-0,001	0,007	0,042	FALSE
0,063	0,304	0,002	0,007	0,111	FALSE
-0,069	0,313	-0,002	0,013	0,056	FALSE
-0,046	0,299	-0,002	0,010	0,080	FALSE
0,084	0,305	0,004	0,013	0,107	FALSE
-0,070	0,312	-0,002	0,012	0,068	FALSE
-0,012	0,303	0,000	0,012	0,007	FALSE
-0,094	0,284	-0,003	0,009	0,132	FALSE
0,021	0,309	0,001	0,012	0,045	FALSE
-0,126	0,302	-0,004	0,011	0,161	FALSE
-0,034	0,313	-0,001	0,010	0,040	FALSE
-0,121	0,309	-0,002	0,006	0,163	FALSE
-0,034	0,289	-0,001	0,008	0,034	FALSE
-0,005	0,307	0,000	0,009	0,018	FALSE
0,093	0,306	0,002	0,009	0,104	FALSE
0,105	0,310	0,003	0,008	0,137	FALSE
0,122	0,323	0,003	0,009	0,154	FALSE
0,002	0,285	0,001	0,012	0,019	FALSE
0,046	0,291	0,001	0,009	0,026	FALSE
-0,049	0,305	-0,002	0,013	0,063	FALSE
-0,041	0,297	-0,002	0,012	0,070	FALSE
0,015	0,313	0,001	0,012	0,019	FALSE
-0,081	0,306	-0,003	0,012	0,087	FALSE
0,165	0,303	0,006	0,011	0,221	FALSE

0,004	0,311	0,000	0,007	0,010	FALSE
-0,115	0,304	-0,004	0,010	0,163	FALSE
-0,148	0,290	-0,006	0,012	0,198	FALSE
-0,088	0,287	-0,002	0,008	0,106	FALSE
0,086	0,311	0,002	0,007	0,136	FALSE
-0,026	0,294	0,000	0,008	0,012	FALSE
0,006	0,309	0,001	0,007	0,028	FALSE
-0,052	0,310	-0,001	0,010	0,046	FALSE
0,003	0,300	0,001	0,010	0,021	FALSE
0,012	0,314	0,001	0,011	0,036	FALSE
0,148	0,300	0,005	0,010	0,196	FALSE
0,123	0,296	0,003	0,006	0,164	FALSE
-0,055	0,311	-0,003	0,013	0,085	FALSE
-0,076	0,302	-0,002	0,008	0,107	FALSE
0,047	0,296	0,001	0,006	0,069	FALSE
0,042	0,305	0,001	0,007	0,030	FALSE
0,037	0,310	0,001	0,007	0,036	FALSE
0,009	0,310	0,000	0,008	0,017	FALSE
-0,046	0,300	-0,002	0,011	0,052	FALSE
0,063	0,307	0,001	0,006	0,065	FALSE
-0,061	0,299	-0,002	0,012	0,046	FALSE
-0,044	0,307	-0,001	0,008	0,039	FALSE
0,039	0,312	0,000	0,007	0,011	FALSE
-0,062	0,300	-0,002	0,010	0,061	FALSE
0,073	0,305	0,002	0,012	0,081	FALSE
-0,093	0,300	-0,002	0,007	0,093	FALSE
-0,021	0,306	-0,001	0,010	0,033	FALSE
-0,064	0,302	-0,002	0,010	0,066	FALSE
0,017	0,306	0,000	0,011	0,002	FALSE
0,035	0,312	0,001	0,009	0,032	FALSE
-0,044	0,302	-0,001	0,007	0,036	FALSE
0,001	0,304	-0,001	0,011	0,018	FALSE
-0,084	0,308	-0,003	0,009	0,148	FALSE
-0,109	0,304	-0,005	0,012	0,175	FALSE
0,045	0,304	0,003	0,012	0,082	FALSE
-0,048	0,312	-0,002	0,012	0,067	FALSE
-0,069	0,313	-0,004	0,013	0,118	FALSE
0,091	0,300	0,002	0,007	0,130	FALSE
-0,170	0,306	-0,005	0,008	0,245	FALSE
-0,026	0,319	-0,002	0,010	0,065	FALSE
-0,127	0,312	-0,004	0,011	0,164	FALSE
0,178	0,299	0,007	0,010	0,301	FALSE
-0,113	0,294	-0,004	0,011	0,163	FALSE
-0,083	0,305	-0,003	0,013	0,087	FALSE
-0,032	0,308	-0,002	0,008	0,085	FALSE
0,091	0,310	0,002	0,008	0,102	FALSE
-0,070	0,305	-0,002	0,007	0,111	FALSE
0,070	0,315	0,002	0,009	0,090	FALSE
-0,062	0,318	-0,001	0,008	0,071	FALSE
0,136	0,310	0,005	0,012	0,167	FALSE
-0,013	0,324	0,000	0,011	0,003	FALSE
-0,016	0,312	-0,001	0,009	0,020	FALSE
-0,061	0,316	-0,001	0,007	0,068	FALSE

0,028	0,312	0,001	0,010	0,036	FALSE
0,029	0,321	0,000	0,008	0,006	FALSE
-0,004	0,307	0,000	0,007	0,004	FALSE
0,148	0,297	0,006	0,012	0,220	FALSE
-0,063	0,319	-0,002	0,010	0,081	FALSE
-0,074	0,306	-0,004	0,012	0,125	FALSE
0,151	0,293	0,006	0,009	0,271	FALSE
-0,010	0,319	-0,001	0,012	0,026	FALSE
0,133	0,305	0,004	0,009	0,169	FALSE
-0,067	0,314	-0,002	0,006	0,108	FALSE
0,026	0,301	0,000	0,006	0,020	FALSE
-0,120	0,312	-0,003	0,007	0,169	FALSE
-0,160	0,296	-0,005	0,009	0,224	FALSE
0,024	0,308	0,001	0,006	0,047	FALSE
0,123	0,316	0,004	0,007	0,199	FALSE
-0,092	0,306	-0,002	0,008	0,091	FALSE
-0,104	0,304	-0,004	0,010	0,162	FALSE
-0,005	0,312	0,000	0,008	0,010	FALSE
-0,016	0,309	0,000	0,007	0,011	FALSE
0,048	0,306	0,001	0,012	0,037	FALSE
-0,057	0,308	-0,001	0,008	0,068	FALSE
0,071	0,308	0,001	0,007	0,052	FALSE
0,075	0,301	0,002	0,010	0,059	FALSE
0,152	0,294	0,004	0,007	0,224	FALSE
-0,005	0,297	0,000	0,009	0,000	FALSE
0,133	0,308	0,006	0,012	0,193	FALSE
-0,084	0,298	-0,002	0,009	0,072	FALSE
0,039	0,315	0,002	0,012	0,060	FALSE
-0,093	0,299	-0,002	0,010	0,080	FALSE
0,045	0,304	0,002	0,011	0,070	FALSE
-0,003	0,300	0,000	0,007	0,022	FALSE
-0,115	0,289	-0,006	0,013	0,182	FALSE
0,107	0,311	0,003	0,009	0,120	FALSE
0,099	0,310	0,004	0,013	0,135	FALSE
0,121	0,305	0,002	0,008	0,102	FALSE
0,104	0,305	0,001	0,007	0,073	FALSE
0,072	0,306	0,004	0,009	0,151	FALSE
0,054	0,305	0,002	0,009	0,077	FALSE
0,001	0,308	0,000	0,012	0,010	FALSE
0,149	0,297	0,005	0,010	0,210	FALSE
0,124	0,305	0,004	0,010	0,151	FALSE
0,117	0,297	0,004	0,010	0,161	FALSE
0,165	0,309	0,006	0,011	0,228	FALSE
0,156	0,295	0,005	0,010	0,217	FALSE
0,032	0,309	0,001	0,008	0,056	FALSE
0,068	0,304	0,002	0,010	0,071	FALSE
0,015	0,314	0,001	0,010	0,031	FALSE
0,073	0,306	0,002	0,006	0,096	FALSE
-0,148	0,294	-0,004	0,009	0,200	FALSE
-0,200	0,297	-0,006	0,011	0,256	FALSE
-0,012	0,317	0,000	0,007	0,020	FALSE
0,021	0,336	0,001	0,010	0,044	FALSE
-0,104	0,297	-0,004	0,011	0,141	FALSE

0,060	0,294	0,002	0,007	0,107	FALSE
0,047	0,307	0,001	0,009	0,027	FALSE
0,078	0,304	0,003	0,010	0,126	FALSE
0,153	0,289	0,003	0,006	0,205	FALSE
-0,014	0,308	0,000	0,006	0,010	FALSE
0,031	0,308	0,000	0,009	0,018	FALSE
-0,072	0,313	-0,004	0,013	0,106	FALSE
0,025	0,319	0,001	0,008	0,027	FALSE
-0,091	0,311	-0,002	0,007	0,116	FALSE
-0,111	0,289	-0,002	0,007	0,129	FALSE
-0,116	0,311	-0,003	0,011	0,119	FALSE
-0,119	0,316	-0,002	0,007	0,126	FALSE
-0,103	0,327	-0,004	0,013	0,112	FALSE
0,038	0,301	0,002	0,012	0,045	FALSE
0,043	0,294	0,002	0,012	0,054	FALSE
-0,085	0,317	-0,002	0,008	0,118	FALSE
-0,089	0,306	-0,003	0,012	0,097	FALSE
-0,035	0,298	-0,001	0,012	0,017	FALSE
0,098	0,297	0,002	0,007	0,124	FALSE
0,025	0,325	0,000	0,007	0,005	FALSE
0,082	0,296	0,004	0,012	0,119	FALSE
0,018	0,296	0,001	0,010	0,032	FALSE
0,015	0,297	0,001	0,010	0,031	FALSE
-0,089	0,309	-0,002	0,008	0,093	FALSE
0,052	0,307	0,001	0,007	0,044	FALSE
-0,018	0,290	-0,001	0,011	0,042	FALSE
0,031	0,293	0,001	0,011	0,030	FALSE
0,016	0,301	0,000	0,012	0,012	FALSE
-0,077	0,324	-0,002	0,010	0,092	FALSE
-0,091	0,311	-0,003	0,009	0,117	FALSE
-0,098	0,288	-0,003	0,009	0,136	FALSE
-0,037	0,294	-0,001	0,009	0,031	FALSE
-0,008	0,320	0,000	0,008	0,009	FALSE
0,084	0,312	0,002	0,006	0,097	FALSE
0,093	0,313	0,003	0,010	0,123	FALSE
0,119	0,297	0,004	0,010	0,165	FALSE
-0,043	0,310	-0,001	0,008	0,050	FALSE
0,006	0,311	0,000	0,008	0,011	FALSE
0,045	0,311	0,001	0,010	0,032	FALSE
0,001	0,304	0,000	0,006	0,009	FALSE
0,059	0,321	0,002	0,010	0,073	FALSE
0,070	0,293	0,002	0,007	0,105	FALSE
0,037	0,309	0,001	0,012	0,047	FALSE
-0,068	0,307	-0,004	0,012	0,116	FALSE
0,060	0,307	0,003	0,013	0,099	FALSE
-0,053	0,316	-0,001	0,007	0,050	FALSE
-0,098	0,312	-0,003	0,009	0,115	FALSE
0,086	0,327	0,003	0,009	0,113	FALSE
-0,038	0,314	-0,001	0,007	0,026	FALSE
-0,071	0,317	-0,002	0,010	0,074	FALSE
0,085	0,311	0,003	0,011	0,107	FALSE
0,009	0,308	0,000	0,007	0,016	FALSE
0,004	0,299	0,000	0,009	0,012	FALSE

-0,143	0,303	-0,005	0,010	0,189	FALSE
-0,005	0,301	-0,001	0,006	0,029	FALSE
0,010	0,308	0,000	0,013	0,007	FALSE
-0,036	0,292	-0,001	0,010	0,052	FALSE
-0,010	0,314	0,000	0,006	0,011	FALSE
0,113	0,304	0,004	0,009	0,155	FALSE
-0,102	0,304	-0,003	0,008	0,130	FALSE
-0,021	0,305	-0,002	0,011	0,058	FALSE
0,044	0,298	0,002	0,011	0,061	FALSE
0,102	0,301	0,005	0,010	0,177	FALSE
-0,108	0,308	-0,004	0,013	0,118	FALSE
-0,075	0,297	-0,002	0,012	0,074	FALSE
-0,020	0,291	-0,001	0,011	0,034	FALSE
-0,107	0,316	-0,003	0,008	0,146	FALSE
0,172	0,309	0,005	0,010	0,203	FALSE
0,062	0,305	0,002	0,008	0,074	FALSE
0,108	0,308	0,003	0,007	0,151	FALSE
-0,122	0,310	-0,003	0,008	0,162	FALSE
0,132	0,302	0,004	0,007	0,199	FALSE
-0,056	0,306	-0,002	0,007	0,085	FALSE
0,128	0,296	0,004	0,008	0,212	FALSE
0,138	0,296	0,006	0,012	0,215	FALSE
-0,033	0,303	-0,001	0,008	0,063	FALSE
-0,046	0,302	-0,001	0,007	0,036	FALSE
0,076	0,300	0,002	0,008	0,114	FALSE
-0,077	0,308	-0,003	0,011	0,087	FALSE
-0,006	0,312	0,000	0,011	0,008	FALSE
-0,022	0,327	-0,001	0,013	0,033	FALSE
-0,065	0,308	-0,002	0,007	0,077	FALSE
-0,086	0,312	-0,003	0,012	0,107	FALSE
0,082	0,320	0,003	0,011	0,091	FALSE
-0,052	0,321	-0,001	0,008	0,062	FALSE
0,014	0,308	0,001	0,009	0,027	FALSE
-0,063	0,315	-0,002	0,008	0,078	FALSE
0,172	0,297	0,005	0,009	0,250	FALSE
-0,126	0,313	-0,003	0,009	0,148	FALSE
0,084	0,305	0,003	0,012	0,111	FALSE
-0,016	0,313	0,000	0,007	0,019	FALSE
-0,034	0,314	-0,001	0,008	0,044	FALSE
-0,082	0,308	-0,004	0,012	0,139	FALSE
-0,121	0,301	-0,004	0,009	0,177	FALSE
-0,093	0,305	-0,002	0,007	0,118	FALSE
0,090	0,310	0,002	0,007	0,118	FALSE
0,074	0,296	0,003	0,009	0,156	FALSE
-0,072	0,305	-0,003	0,011	0,107	FALSE
-0,072	0,310	-0,003	0,013	0,074	FALSE
0,010	0,303	0,001	0,008	0,042	FALSE
-0,027	0,308	0,000	0,009	0,020	FALSE
0,020	0,310	0,000	0,011	0,007	FALSE
0,018	0,306	0,000	0,009	0,016	FALSE
-0,212	0,299	-0,006	0,009	0,306	FALSE
-0,083	0,308	-0,003	0,012	0,096	FALSE
0,079	0,321	0,004	0,013	0,119	FALSE

-0,068	0,319	-0,002	0,008	0,091	FALSE
-0,026	0,299	-0,001	0,011	0,026	FALSE
-0,073	0,325	-0,002	0,009	0,094	FALSE
-0,137	0,297	-0,004	0,009	0,189	FALSE
-0,048	0,313	-0,001	0,007	0,046	FALSE
-0,259	0,278	-0,010	0,011	0,451	FALSE
0,103	0,309	0,003	0,008	0,150	FALSE
0,070	0,311	0,002	0,007	0,080	FALSE
0,175	0,292	0,005	0,007	0,312	FALSE
-0,161	0,292	-0,004	0,008	0,223	FALSE
-0,052	0,326	-0,002	0,012	0,047	FALSE
-0,038	0,317	-0,001	0,006	0,073	FALSE
0,085	0,321	0,003	0,011	0,113	FALSE
0,015	0,306	0,000	0,011	0,006	FALSE
0,055	0,306	0,001	0,011	0,036	FALSE
0,047	0,294	0,001	0,006	0,095	FALSE
0,090	0,315	0,002	0,011	0,084	FALSE
-0,009	0,302	-0,001	0,012	0,016	FALSE
0,036	0,314	0,001	0,007	0,068	FALSE
0,028	0,308	0,001	0,007	0,041	FALSE
0,013	0,313	0,001	0,007	0,032	FALSE
-0,022	0,316	-0,001	0,010	0,027	FALSE
0,032	0,304	0,001	0,007	0,061	FALSE
0,008	0,319	0,000	0,011	0,001	FALSE
0,103	0,314	0,002	0,006	0,131	FALSE
-0,074	0,311	-0,003	0,013	0,092	FALSE
-0,066	0,301	-0,002	0,008	0,103	FALSE
0,099	0,309	0,002	0,008	0,124	FALSE
0,087	0,317	0,002	0,007	0,113	FALSE
0,070	0,316	0,002	0,009	0,097	FALSE
0,074	0,313	0,002	0,006	0,089	FALSE
-0,005	0,308	0,000	0,007	0,013	FALSE
0,084	0,294	0,002	0,007	0,120	FALSE
0,008	0,304	-0,001	0,012	0,029	FALSE
-0,037	0,301	0,000	0,006	0,021	FALSE
0,057	0,311	0,003	0,012	0,104	FALSE
0,009	0,311	0,000	0,007	0,018	FALSE
-0,030	0,300	0,000	0,008	0,008	FALSE
0,049	0,313	0,001	0,007	0,048	FALSE
-0,051	0,304	-0,001	0,012	0,032	FALSE
-0,025	0,306	0,000	0,009	0,016	FALSE
-0,014	0,310	0,000	0,008	0,007	FALSE
0,041	0,302	0,002	0,011	0,057	FALSE
0,051	0,307	0,001	0,010	0,038	FALSE
0,036	0,304	0,001	0,011	0,047	FALSE
-0,052	0,296	-0,001	0,013	0,036	FALSE
0,031	0,307	0,001	0,009	0,035	FALSE
0,033	0,318	0,001	0,012	0,033	FALSE
0,013	0,324	0,000	0,010	0,015	FALSE
0,085	0,293	0,003	0,012	0,088	FALSE
0,214	0,287	0,008	0,012	0,325	FALSE
-0,068	0,317	-0,002	0,012	0,077	FALSE
0,007	0,302	0,000	0,012	0,002	FALSE

0,028	0,314	0,001	0,010	0,028	FALSE
0,035	0,300	0,001	0,011	0,020	FALSE
0,077	0,299	0,002	0,011	0,066	FALSE
-0,117	0,310	-0,004	0,011	0,133	FALSE
-0,018	0,308	0,000	0,010	0,011	FALSE
-0,003	0,307	0,001	0,009	0,028	FALSE
0,067	0,304	0,003	0,009	0,109	FALSE
0,078	0,320	0,003	0,013	0,096	FALSE
0,083	0,300	0,003	0,012	0,093	FALSE
-0,158	0,294	-0,005	0,009	0,238	FALSE
-0,175	0,308	-0,005	0,009	0,255	FALSE
0,093	0,302	0,003	0,007	0,140	FALSE
-0,032	0,317	-0,001	0,009	0,040	FALSE
-0,080	0,313	-0,002	0,009	0,100	FALSE
0,043	0,302	0,001	0,010	0,047	FALSE
-0,083	0,315	-0,002	0,007	0,092	FALSE
-0,060	0,303	-0,003	0,012	0,091	FALSE
-0,052	0,306	-0,001	0,008	0,059	FALSE
0,076	0,314	0,003	0,012	0,102	FALSE
-0,192	0,321	-0,005	0,008	0,269	FALSE
0,089	0,289	0,003	0,011	0,111	FALSE
-0,051	0,304	-0,002	0,010	0,063	FALSE
-0,033	0,301	-0,001	0,010	0,045	FALSE
0,041	0,305	0,001	0,007	0,052	FALSE
-0,022	0,321	-0,001	0,012	0,028	FALSE
-0,053	0,312	-0,002	0,009	0,094	FALSE
-0,107	0,316	-0,004	0,011	0,153	FALSE
0,145	0,303	0,003	0,008	0,169	FALSE
-0,142	0,314	-0,006	0,011	0,209	FALSE
0,115	0,295	0,003	0,007	0,189	FALSE
-0,146	0,312	-0,005	0,010	0,191	FALSE
0,121	0,301	0,004	0,010	0,155	FALSE
0,002	0,304	0,000	0,006	0,021	FALSE
0,109	0,301	0,003	0,009	0,153	FALSE
-0,011	0,303	0,001	0,012	0,028	FALSE
-0,043	0,323	-0,001	0,007	0,064	FALSE
-0,054	0,315	-0,002	0,011	0,071	FALSE
0,141	0,301	0,004	0,009	0,194	FALSE
0,089	0,301	0,003	0,011	0,101	FALSE
-0,085	0,311	-0,003	0,012	0,081	FALSE
-0,111	0,297	-0,003	0,008	0,166	FALSE
-0,083	0,323	-0,002	0,013	0,059	FALSE
-0,013	0,307	0,001	0,012	0,017	FALSE
-0,043	0,299	-0,001	0,009	0,023	FALSE
-0,091	0,296	-0,002	0,007	0,099	FALSE
-0,068	0,309	-0,002	0,012	0,076	FALSE
-0,089	0,304	-0,004	0,012	0,123	FALSE
-0,052	0,307	-0,002	0,012	0,058	FALSE
-0,023	0,307	-0,001	0,007	0,035	FALSE
0,087	0,311	0,002	0,007	0,086	FALSE
0,066	0,319	0,001	0,008	0,047	FALSE
-0,043	0,314	-0,001	0,009	0,048	FALSE
0,003	0,301	0,001	0,012	0,018	FALSE

-0,052	0,305	-0,002	0,012	0,072	FALSE
-0,116	0,315	-0,004	0,011	0,149	FALSE
-0,055	0,306	-0,002	0,010	0,062	FALSE
-0,022	0,305	-0,001	0,006	0,028	FALSE
0,031	0,318	0,000	0,011	0,001	FALSE
0,093	0,303	0,004	0,010	0,156	FALSE
0,097	0,314	0,004	0,011	0,143	FALSE
0,056	0,317	0,002	0,008	0,078	FALSE
0,101	0,320	0,002	0,007	0,134	FALSE
-0,065	0,302	-0,002	0,010	0,068	FALSE
-0,114	0,316	-0,004	0,012	0,130	FALSE
0,080	0,310	0,003	0,013	0,099	FALSE
0,036	0,310	0,001	0,012	0,015	FALSE
0,019	0,308	0,001	0,009	0,048	FALSE
0,025	0,322	0,001	0,013	0,036	FALSE
-0,043	0,300	-0,001	0,006	0,042	FALSE
0,085	0,308	0,004	0,011	0,142	FALSE
-0,027	0,310	0,000	0,007	0,022	FALSE
-0,091	0,308	-0,002	0,007	0,115	FALSE
-0,057	0,298	-0,002	0,010	0,074	FALSE
-0,120	0,312	-0,004	0,010	0,149	FALSE
-0,082	0,313	-0,002	0,009	0,093	FALSE
0,025	0,296	0,000	0,010	0,002	FALSE
-0,041	0,307	0,000	0,007	0,023	FALSE
-0,122	0,308	-0,004	0,011	0,139	FALSE
0,108	0,293	0,002	0,007	0,144	FALSE
0,145	0,310	0,004	0,008	0,216	FALSE
-0,019	0,308	-0,001	0,012	0,025	FALSE
-0,004	0,307	0,000	0,007	0,012	FALSE
0,042	0,307	0,002	0,008	0,076	FALSE
0,174	0,298	0,006	0,012	0,226	FALSE
-0,041	0,317	-0,002	0,010	0,057	FALSE
-0,056	0,299	-0,001	0,008	0,065	FALSE
0,137	0,300	0,006	0,011	0,215	FALSE
-0,016	0,307	-0,001	0,007	0,031	FALSE
0,068	0,298	0,002	0,007	0,076	FALSE
-0,051	0,316	-0,002	0,012	0,072	FALSE
0,065	0,314	0,002	0,010	0,095	FALSE
-0,019	0,305	0,000	0,011	0,000	FALSE
-0,014	0,294	-0,002	0,012	0,047	FALSE
-0,059	0,300	-0,001	0,007	0,068	FALSE
-0,087	0,308	-0,002	0,007	0,105	FALSE
-0,075	0,322	-0,002	0,008	0,110	FALSE
0,096	0,297	0,002	0,007	0,116	FALSE
0,141	0,296	0,003	0,007	0,173	FALSE
-0,008	0,321	0,000	0,007	0,016	FALSE
-0,027	0,313	0,000	0,007	0,016	FALSE
-0,064	0,316	-0,002	0,009	0,071	FALSE
-0,047	0,312	-0,002	0,009	0,069	FALSE
0,042	0,292	0,001	0,006	0,095	FALSE
-0,014	0,302	0,000	0,007	0,019	FALSE
-0,075	0,299	-0,002	0,006	0,109	FALSE
-0,137	0,299	-0,003	0,006	0,182	FALSE

0,090	0,320	0,002	0,007	0,110	FALSE
-0,035	0,293	-0,001	0,011	0,036	FALSE
-0,181	0,311	-0,005	0,008	0,257	FALSE
-0,146	0,310	-0,004	0,008	0,182	FALSE
0,017	0,313	0,000	0,012	0,010	FALSE
-0,069	0,319	-0,001	0,006	0,084	FALSE
-0,073	0,312	-0,002	0,007	0,093	FALSE
-0,121	0,313	-0,003	0,009	0,144	FALSE
-0,057	0,302	-0,002	0,009	0,084	FALSE
0,005	0,319	0,001	0,012	0,021	FALSE
-0,062	0,293	-0,001	0,008	0,054	FALSE
0,055	0,298	0,001	0,008	0,040	FALSE
0,014	0,313	0,001	0,009	0,021	FALSE
-0,079	0,297	-0,002	0,007	0,101	FALSE
-0,028	0,319	0,000	0,012	0,005	FALSE
-0,010	0,294	0,000	0,008	0,006	FALSE
-0,056	0,316	-0,002	0,008	0,089	FALSE
-0,032	0,314	-0,001	0,012	0,033	FALSE
-0,005	0,303	0,000	0,007	0,014	FALSE
-0,022	0,320	0,000	0,008	0,004	FALSE
-0,038	0,315	-0,002	0,012	0,055	FALSE
0,106	0,312	0,003	0,009	0,114	FALSE
0,035	0,300	0,001	0,012	0,037	FALSE
-0,064	0,309	-0,003	0,012	0,091	FALSE
-0,115	0,306	-0,004	0,012	0,128	FALSE
0,113	0,294	0,004	0,012	0,142	FALSE
0,043	0,307	0,002	0,009	0,066	FALSE
-0,146	0,290	-0,005	0,009	0,220	FALSE
0,051	0,320	0,001	0,010	0,047	FALSE
0,095	0,298	0,005	0,012	0,159	FALSE
-0,067	0,311	-0,001	0,009	0,061	FALSE
-0,083	0,294	-0,005	0,013	0,156	FALSE
0,136	0,319	0,004	0,008	0,189	FALSE
-0,026	0,317	-0,001	0,009	0,024	FALSE
-0,134	0,310	-0,003	0,007	0,192	FALSE
0,042	0,301	0,001	0,007	0,063	FALSE
-0,066	0,304	-0,002	0,010	0,073	FALSE
0,036	0,319	0,001	0,008	0,056	FALSE
0,064	0,283	0,003	0,009	0,129	FALSE
-0,018	0,312	-0,001	0,010	0,029	FALSE
0,003	0,314	0,000	0,007	0,008	FALSE
0,147	0,307	0,004	0,010	0,162	FALSE
-0,071	0,317	-0,002	0,008	0,104	FALSE
0,024	0,301	0,001	0,009	0,039	FALSE
0,061	0,310	0,002	0,007	0,092	FALSE
-0,082	0,304	-0,004	0,012	0,130	FALSE
0,066	0,303	0,002	0,007	0,102	FALSE
-0,095	0,308	-0,006	0,013	0,178	FALSE
0,006	0,301	0,000	0,006	0,007	FALSE
0,055	0,300	0,001	0,006	0,052	FALSE
0,018	0,311	0,000	0,006	0,026	FALSE
0,143	0,311	0,005	0,011	0,208	FALSE
-0,276	0,294	-0,007	0,008	0,408	FALSE

0,053	0,304	0,001	0,008	0,050	FALSE
0,106	0,301	0,004	0,012	0,133	FALSE
-0,085	0,312	-0,002	0,009	0,111	FALSE
-0,075	0,302	-0,002	0,006	0,124	FALSE
0,204	0,310	0,009	0,013	0,319	FALSE
-0,039	0,305	-0,001	0,008	0,059	FALSE
0,021	0,305	0,001	0,009	0,026	FALSE
-0,155	0,296	-0,005	0,009	0,231	FALSE
-0,115	0,313	-0,002	0,007	0,134	FALSE
0,092	0,299	0,003	0,007	0,153	FALSE
-0,062	0,297	-0,001	0,012	0,037	FALSE
0,001	0,306	0,001	0,009	0,026	FALSE
-0,012	0,310	0,000	0,007	0,009	FALSE
-0,106	0,314	-0,002	0,007	0,109	FALSE
-0,004	0,308	0,000	0,012	0,007	FALSE
0,072	0,305	0,002	0,007	0,081	FALSE
-0,005	0,318	0,000	0,007	0,008	FALSE
-0,152	0,319	-0,005	0,013	0,177	FALSE
-0,081	0,304	-0,002	0,010	0,089	FALSE
-0,069	0,295	-0,004	0,012	0,130	FALSE
-0,059	0,302	-0,001	0,009	0,049	FALSE
0,005	0,327	0,001	0,010	0,022	FALSE
0,062	0,313	0,003	0,012	0,088	FALSE
0,059	0,321	0,002	0,007	0,095	FALSE
0,102	0,315	0,002	0,009	0,112	FALSE
-0,008	0,286	-0,001	0,010	0,021	FALSE
-0,091	0,313	-0,003	0,008	0,133	FALSE
0,014	0,311	0,000	0,009	0,001	FALSE
-0,024	0,294	-0,002	0,008	0,073	FALSE
-0,001	0,304	-0,001	0,009	0,019	FALSE
-0,047	0,313	-0,001	0,009	0,036	FALSE
-0,028	0,315	-0,001	0,009	0,033	FALSE
-0,001	0,304	0,000	0,007	0,015	FALSE
-0,105	0,304	-0,004	0,011	0,148	FALSE
-0,122	0,312	-0,004	0,011	0,157	FALSE
-0,092	0,313	-0,003	0,011	0,117	FALSE
-0,102	0,304	-0,004	0,011	0,137	FALSE
-0,114	0,295	-0,004	0,011	0,151	FALSE
0,079	0,295	0,003	0,012	0,088	FALSE
0,036	0,311	0,002	0,012	0,073	FALSE
0,030	0,308	0,001	0,008	0,041	FALSE
-0,079	0,308	-0,002	0,010	0,077	FALSE
0,056	0,299	0,001	0,009	0,057	FALSE
-0,025	0,302	-0,001	0,007	0,065	FALSE
0,131	0,300	0,006	0,013	0,199	FALSE
0,001	0,307	0,000	0,007	0,003	FALSE
0,061	0,301	0,002	0,011	0,064	FALSE
-0,102	0,305	-0,005	0,012	0,165	FALSE
0,043	0,301	0,002	0,008	0,066	FALSE
0,007	0,309	0,000	0,006	0,025	FALSE
-0,064	0,304	-0,003	0,010	0,103	FALSE
-0,078	0,301	-0,003	0,011	0,095	FALSE
0,017	0,303	0,000	0,007	0,021	FALSE

0,026	0,305	0,001	0,008	0,058	FALSE
0,008	0,315	0,000	0,007	0,020	FALSE
0,112	0,303	0,004	0,010	0,184	FALSE
-0,147	0,310	-0,006	0,012	0,225	FALSE
0,135	0,291	0,006	0,011	0,240	FALSE
-0,097	0,315	-0,005	0,013	0,158	FALSE
0,058	0,311	0,002	0,009	0,064	FALSE
-0,040	0,309	-0,001	0,007	0,078	FALSE
0,031	0,304	0,001	0,011	0,033	FALSE
-0,072	0,316	-0,003	0,010	0,094	FALSE
0,026	0,315	0,001	0,009	0,035	FALSE
-0,122	0,300	-0,004	0,011	0,169	FALSE
0,021	0,304	0,001	0,011	0,018	FALSE
0,059	0,299	0,002	0,010	0,079	FALSE
0,011	0,304	0,000	0,007	0,000	FALSE
-0,106	0,303	-0,003	0,007	0,153	FALSE
-0,050	0,310	-0,001	0,009	0,057	FALSE
-0,070	0,310	-0,002	0,008	0,074	FALSE
0,029	0,316	0,002	0,011	0,065	FALSE
-0,011	0,314	0,000	0,006	0,008	FALSE
0,033	0,296	0,001	0,008	0,025	FALSE
0,042	0,308	0,000	0,010	0,016	FALSE
0,009	0,309	-0,001	0,012	0,026	FALSE
0,184	0,303	0,006	0,009	0,318	FALSE
0,032	0,317	0,000	0,010	0,013	FALSE
0,009	0,315	0,000	0,009	0,011	FALSE
0,080	0,308	0,002	0,007	0,085	FALSE
-0,057	0,314	-0,003	0,010	0,094	FALSE
-0,072	0,320	-0,002	0,013	0,064	FALSE
0,089	0,310	0,003	0,013	0,085	FALSE
-0,014	0,305	0,001	0,010	0,030	FALSE
-0,058	0,315	-0,003	0,011	0,105	FALSE
0,033	0,308	0,003	0,011	0,088	FALSE
0,141	0,306	0,004	0,008	0,177	FALSE
-0,008	0,305	0,000	0,007	0,018	FALSE
-0,052	0,307	-0,001	0,010	0,054	FALSE
0,017	0,317	0,001	0,010	0,037	FALSE
0,095	0,311	0,004	0,011	0,134	FALSE
0,016	0,302	0,000	0,007	0,009	FALSE
0,025	0,309	0,002	0,011	0,053	FALSE
-0,032	0,315	-0,001	0,012	0,031	FALSE
0,030	0,312	0,001	0,009	0,043	FALSE
0,011	0,303	0,000	0,007	0,002	FALSE
-0,105	0,315	-0,004	0,012	0,130	FALSE
0,136	0,317	0,003	0,008	0,183	FALSE
-0,080	0,308	-0,002	0,010	0,097	FALSE
-0,013	0,313	0,000	0,006	0,026	FALSE
0,006	0,289	0,001	0,010	0,051	FALSE
-0,024	0,305	-0,002	0,009	0,063	FALSE
-0,027	0,299	0,000	0,012	0,003	FALSE
-0,101	0,316	-0,002	0,007	0,117	FALSE
0,161	0,305	0,006	0,012	0,210	FALSE
-0,101	0,317	-0,003	0,009	0,113	FALSE

-0,096	0,295	-0,004	0,011	0,123	FALSE
-0,088	0,315	-0,002	0,008	0,107	FALSE
-0,059	0,296	-0,002	0,008	0,097	FALSE
-0,079	0,303	-0,003	0,011	0,103	FALSE
0,055	0,304	0,001	0,009	0,060	FALSE
0,052	0,301	0,001	0,009	0,051	FALSE
-0,042	0,304	-0,002	0,010	0,066	FALSE
-0,001	0,329	0,000	0,011	0,001	FALSE
-0,028	0,311	-0,001	0,011	0,026	FALSE
0,115	0,309	0,003	0,007	0,151	FALSE
-0,055	0,310	-0,002	0,009	0,082	FALSE
0,152	0,308	0,004	0,007	0,223	FALSE
0,056	0,302	0,001	0,007	0,058	FALSE
0,082	0,311	0,003	0,009	0,123	FALSE
-0,051	0,314	-0,001	0,011	0,048	FALSE
-0,122	0,298	-0,003	0,007	0,177	FALSE
0,003	0,314	0,001	0,012	0,031	FALSE
0,012	0,311	0,000	0,012	0,013	FALSE
0,022	0,309	0,001	0,012	0,018	FALSE
0,075	0,314	0,003	0,011	0,098	FALSE
0,051	0,315	0,001	0,008	0,058	FALSE
0,038	0,292	0,001	0,009	0,035	FALSE
0,117	0,309	0,003	0,010	0,132	FALSE
-0,097	0,312	-0,003	0,007	0,158	FALSE
0,039	0,302	0,001	0,009	0,029	FALSE
-0,043	0,304	-0,001	0,009	0,046	FALSE
-0,042	0,294	-0,002	0,008	0,070	FALSE
-0,094	0,301	-0,002	0,007	0,117	FALSE
0,019	0,307	0,000	0,009	0,005	FALSE
0,075	0,313	0,003	0,009	0,125	FALSE
0,010	0,308	0,000	0,007	0,018	FALSE
0,090	0,314	0,003	0,010	0,122	FALSE
-0,009	0,321	0,000	0,009	0,004	FALSE
-0,115	0,307	-0,005	0,012	0,155	FALSE
0,010	0,298	0,000	0,010	0,014	FALSE
0,039	0,301	0,001	0,007	0,045	FALSE
0,092	0,300	0,003	0,009	0,148	FALSE
0,124	0,292	0,005	0,010	0,215	FALSE
-0,091	0,325	-0,003	0,013	0,083	FALSE
-0,022	0,320	-0,001	0,013	0,016	FALSE
-0,033	0,311	-0,001	0,008	0,038	FALSE
0,095	0,306	0,004	0,012	0,136	FALSE
0,023	0,316	0,001	0,012	0,019	FALSE
0,024	0,303	0,001	0,006	0,040	FALSE
0,066	0,314	0,002	0,010	0,077	FALSE
0,107	0,315	0,002	0,007	0,117	FALSE
-0,031	0,299	-0,001	0,010	0,050	FALSE
-0,004	0,317	0,000	0,010	0,011	FALSE
-0,057	0,310	-0,002	0,010	0,063	FALSE
-0,014	0,315	0,000	0,013	0,005	FALSE
-0,081	0,302	-0,002	0,012	0,076	FALSE
-0,131	0,308	-0,004	0,008	0,193	FALSE
0,032	0,301	0,002	0,009	0,070	FALSE

0,119	0,302	0,004	0,008	0,215	FALSE
-0,014	0,312	0,000	0,007	0,011	FALSE
0,055	0,318	0,001	0,006	0,082	FALSE
-0,017	0,310	0,000	0,010	0,008	FALSE
-0,005	0,313	0,000	0,010	0,013	FALSE
-0,082	0,307	-0,001	0,006	0,070	FALSE
-0,024	0,308	0,000	0,010	0,017	FALSE
-0,006	0,308	0,000	0,010	0,004	FALSE
0,092	0,306	0,004	0,011	0,135	FALSE
0,102	0,296	0,004	0,012	0,134	FALSE
0,077	0,309	0,003	0,012	0,104	FALSE
0,091	0,283	0,004	0,009	0,176	FALSE
-0,066	0,314	-0,001	0,008	0,062	FALSE
-0,157	0,303	-0,003	0,007	0,189	FALSE
-0,021	0,306	-0,001	0,007	0,031	FALSE
-0,084	0,303	-0,002	0,008	0,113	FALSE
-0,099	0,304	-0,005	0,010	0,181	FALSE
-0,065	0,311	-0,001	0,007	0,051	FALSE
0,055	0,297	0,002	0,006	0,110	FALSE
0,150	0,307	0,006	0,011	0,218	FALSE
-0,083	0,319	-0,003	0,009	0,124	FALSE
-0,057	0,316	-0,001	0,006	0,090	FALSE
0,017	0,296	0,000	0,008	0,021	FALSE
-0,023	0,306	-0,001	0,011	0,033	FALSE
0,190	0,300	0,006	0,009	0,316	FALSE
-0,189	0,312	-0,007	0,012	0,252	FALSE
-0,002	0,298	0,001	0,007	0,035	FALSE
-0,017	0,305	0,000	0,007	0,008	FALSE
-0,031	0,302	-0,001	0,010	0,031	FALSE
0,149	0,312	0,004	0,007	0,209	FALSE
-0,124	0,276	-0,005	0,009	0,231	FALSE
0,031	0,310	0,001	0,008	0,025	FALSE
-0,025	0,285	-0,001	0,009	0,048	FALSE
-0,051	0,309	-0,002	0,012	0,053	FALSE
-0,064	0,306	-0,002	0,012	0,067	FALSE
0,134	0,298	0,004	0,009	0,199	FALSE
-0,115	0,293	-0,005	0,012	0,169	FALSE
0,064	0,309	0,002	0,009	0,113	FALSE
0,074	0,318	0,003	0,012	0,094	FALSE
0,105	0,311	0,003	0,007	0,144	FALSE
-0,145	0,304	-0,004	0,009	0,211	FALSE
0,247	0,290	0,009	0,010	0,399	FALSE
0,046	0,291	0,000	0,008	0,018	FALSE
-0,085	0,303	-0,002	0,008	0,097	FALSE
-0,004	0,304	0,000	0,006	0,020	FALSE
0,033	0,309	0,002	0,009	0,079	FALSE
-0,054	0,308	-0,002	0,012	0,050	FALSE
-0,133	0,306	-0,003	0,008	0,162	FALSE
0,104	0,307	0,003	0,007	0,150	FALSE
-0,091	0,307	-0,004	0,011	0,136	FALSE
-0,213	0,294	-0,006	0,009	0,298	FALSE
0,078	0,315	0,003	0,011	0,088	FALSE
-0,191	0,288	-0,005	0,007	0,278	FALSE

-0,006	0,296	0,001	0,012	0,027	FALSE
0,064	0,291	0,003	0,007	0,152	FALSE
-0,067	0,317	-0,002	0,011	0,082	FALSE
0,098	0,294	0,004	0,010	0,164	FALSE
-0,082	0,303	-0,002	0,008	0,114	FALSE
0,123	0,293	0,005	0,011	0,204	FALSE
0,061	0,304	0,001	0,009	0,051	FALSE
-0,122	0,289	-0,003	0,007	0,183	FALSE
0,019	0,294	0,001	0,009	0,044	FALSE
0,037	0,313	0,001	0,007	0,037	FALSE
0,051	0,308	0,001	0,008	0,048	FALSE
-0,005	0,311	0,000	0,009	0,002	FALSE
-0,004	0,305	0,000	0,007	0,011	FALSE
-0,095	0,298	-0,004	0,011	0,145	FALSE
-0,142	0,289	-0,006	0,011	0,236	FALSE
0,089	0,303	0,004	0,012	0,118	FALSE
0,008	0,319	0,000	0,013	0,004	FALSE
0,113	0,300	0,003	0,007	0,168	FALSE
-0,028	0,309	-0,001	0,009	0,060	FALSE
0,116	0,281	0,004	0,010	0,175	FALSE
-0,065	0,318	-0,001	0,009	0,043	FALSE
0,031	0,293	0,001	0,011	0,017	FALSE
-0,017	0,303	-0,001	0,007	0,025	FALSE
0,016	0,285	0,000	0,012	0,014	FALSE
0,055	0,304	0,002	0,012	0,068	FALSE
0,088	0,292	0,002	0,008	0,122	FALSE
-0,043	0,311	-0,001	0,009	0,051	FALSE
-0,173	0,310	-0,006	0,012	0,217	FALSE
-0,115	0,291	-0,004	0,010	0,137	FALSE
-0,067	0,294	-0,002	0,008	0,082	FALSE
0,070	0,305	0,002	0,006	0,104	FALSE
-0,015	0,303	-0,001	0,007	0,027	FALSE
0,023	0,309	0,001	0,007	0,031	FALSE
0,044	0,292	0,001	0,007	0,068	FALSE
-0,063	0,296	-0,002	0,011	0,072	FALSE
-0,202	0,308	-0,005	0,008	0,273	FALSE
0,092	0,284	0,005	0,012	0,152	FALSE
0,051	0,319	0,001	0,011	0,038	FALSE
-0,028	0,325	-0,002	0,011	0,058	FALSE
0,055	0,310	0,001	0,007	0,054	FALSE
0,129	0,314	0,005	0,010	0,188	FALSE
0,061	0,305	0,001	0,006	0,062	FALSE
0,068	0,307	0,002	0,010	0,084	FALSE
-0,112	0,300	-0,002	0,006	0,148	FALSE
-0,022	0,310	0,000	0,007	0,013	FALSE
-0,084	0,311	-0,003	0,009	0,109	FALSE
-0,147	0,305	-0,005	0,011	0,163	FALSE
-0,047	0,315	-0,001	0,006	0,050	FALSE
-0,026	0,316	0,000	0,007	0,022	FALSE
-0,048	0,305	-0,002	0,010	0,078	FALSE
-0,039	0,298	0,000	0,007	0,007	FALSE
0,048	0,317	0,002	0,007	0,088	FALSE
0,025	0,309	0,001	0,006	0,054	FALSE

-0,048	0,314	-0,003	0,011	0,086	FALSE
0,054	0,308	0,001	0,008	0,034	FALSE
0,004	0,307	0,000	0,008	0,005	FALSE
-0,068	0,308	-0,002	0,006	0,089	FALSE
0,024	0,305	0,001	0,007	0,032	FALSE
-0,157	0,315	-0,004	0,009	0,185	FALSE
-0,132	0,312	-0,004	0,009	0,167	FALSE
-0,034	0,306	-0,001	0,007	0,035	FALSE
0,067	0,309	0,001	0,009	0,058	FALSE
-0,145	0,301	-0,005	0,009	0,222	FALSE
0,119	0,302	0,003	0,007	0,186	FALSE
0,096	0,305	0,003	0,007	0,174	FALSE
0,098	0,300	0,003	0,011	0,130	FALSE
0,010	0,312	0,000	0,013	0,002	FALSE
-0,031	0,320	-0,001	0,012	0,047	FALSE
-0,053	0,309	-0,002	0,011	0,058	FALSE
0,062	0,308	0,002	0,008	0,083	FALSE
-0,163	0,306	-0,004	0,007	0,219	FALSE
0,116	0,291	0,002	0,007	0,124	FALSE
0,129	0,309	0,003	0,006	0,174	FALSE
0,105	0,298	0,003	0,010	0,101	FALSE
0,000	0,309	-0,001	0,013	0,041	FALSE
0,015	0,311	0,000	0,009	0,006	FALSE
-0,050	0,309	-0,002	0,011	0,077	FALSE
0,076	0,312	0,003	0,013	0,096	FALSE
-0,108	0,315	-0,003	0,009	0,122	FALSE
0,062	0,322	0,002	0,013	0,068	FALSE
0,032	0,304	0,000	0,009	0,008	FALSE
-0,065	0,309	-0,003	0,011	0,098	FALSE
-0,055	0,316	-0,001	0,006	0,056	FALSE
0,058	0,312	0,002	0,007	0,088	FALSE
-0,053	0,300	-0,002	0,009	0,071	FALSE
-0,018	0,303	-0,001	0,011	0,029	FALSE
0,021	0,301	0,001	0,010	0,033	FALSE
0,025	0,303	0,002	0,012	0,071	FALSE
-0,039	0,309	-0,003	0,012	0,082	FALSE
-0,049	0,298	-0,001	0,007	0,051	FALSE
0,059	0,315	0,002	0,013	0,062	FALSE
-0,126	0,288	-0,004	0,011	0,147	FALSE
0,007	0,308	0,000	0,007	0,007	FALSE
0,029	0,304	0,000	0,007	0,026	FALSE
0,046	0,306	0,001	0,007	0,050	FALSE
0,012	0,299	0,000	0,010	0,009	FALSE
0,045	0,306	0,001	0,009	0,062	FALSE
-0,019	0,299	0,000	0,007	0,024	FALSE
0,044	0,307	0,001	0,007	0,063	FALSE
-0,147	0,303	-0,004	0,008	0,185	FALSE
0,032	0,298	0,000	0,006	0,015	FALSE
0,011	0,322	0,000	0,007	0,015	FALSE
-0,055	0,307	-0,001	0,007	0,071	FALSE
-0,019	0,310	-0,001	0,007	0,046	FALSE
-0,016	0,309	-0,001	0,007	0,034	FALSE
0,013	0,302	0,001	0,010	0,023	FALSE

-0,023	0,316	-0,001	0,008	0,042	FALSE
0,183	0,302	0,009	0,012	0,324	FALSE
-0,007	0,318	0,000	0,009	0,006	FALSE
0,023	0,301	0,001	0,006	0,048	FALSE
0,005	0,286	0,001	0,009	0,038	FALSE
0,046	0,318	0,002	0,009	0,094	FALSE
-0,043	0,293	-0,002	0,009	0,092	FALSE
0,106	0,313	0,003	0,007	0,148	FALSE
-0,016	0,296	-0,002	0,009	0,066	FALSE
-0,044	0,301	-0,002	0,008	0,071	FALSE
-0,065	0,302	-0,003	0,008	0,130	FALSE
-0,042	0,304	-0,001	0,007	0,025	FALSE
0,059	0,306	0,002	0,009	0,073	FALSE
-0,091	0,310	-0,003	0,011	0,121	FALSE
0,043	0,303	0,000	0,007	0,020	FALSE
0,059	0,297	0,001	0,008	0,073	FALSE
-0,137	0,319	-0,005	0,011	0,196	FALSE
-0,132	0,317	-0,005	0,012	0,185	FALSE
0,075	0,312	0,003	0,011	0,089	FALSE
-0,057	0,319	-0,001	0,007	0,063	FALSE
-0,129	0,300	-0,005	0,011	0,186	FALSE
0,064	0,300	0,004	0,012	0,114	FALSE
0,047	0,297	0,001	0,009	0,046	FALSE
-0,074	0,303	-0,001	0,009	0,058	FALSE
0,010	0,303	0,001	0,011	0,022	FALSE
0,036	0,317	0,001	0,009	0,049	FALSE
0,072	0,309	0,002	0,007	0,084	FALSE
-0,054	0,287	-0,003	0,011	0,122	FALSE
0,068	0,302	0,001	0,008	0,064	FALSE
-0,083	0,310	-0,003	0,009	0,102	FALSE
-0,044	0,317	-0,001	0,009	0,057	FALSE
0,045	0,317	0,002	0,007	0,088	FALSE
-0,026	0,306	-0,001	0,010	0,054	FALSE
-0,045	0,325	-0,001	0,009	0,051	FALSE
-0,016	0,313	0,000	0,012	0,005	FALSE
0,063	0,312	0,001	0,008	0,054	FALSE
0,046	0,300	0,001	0,012	0,031	FALSE
0,016	0,310	0,002	0,012	0,052	FALSE
0,076	0,307	0,004	0,011	0,134	FALSE
0,067	0,293	0,003	0,011	0,114	FALSE
-0,068	0,316	-0,002	0,008	0,094	FALSE
0,088	0,314	0,002	0,008	0,091	FALSE
0,034	0,308	0,001	0,007	0,035	FALSE
0,115	0,308	0,004	0,010	0,167	FALSE
0,066	0,308	0,002	0,007	0,084	FALSE
0,018	0,296	0,000	0,011	0,002	FALSE
-0,081	0,310	-0,002	0,010	0,069	FALSE
0,058	0,314	0,001	0,007	0,066	FALSE
-0,043	0,307	-0,001	0,007	0,035	FALSE
-0,045	0,292	-0,001	0,007	0,041	FALSE
0,047	0,314	0,001	0,009	0,039	FALSE
-0,033	0,298	0,000	0,006	0,024	FALSE
0,011	0,309	0,001	0,009	0,034	FALSE

-0,166	0,302	-0,006	0,011	0,232	FALSE
-0,157	0,312	-0,006	0,012	0,213	FALSE
0,156	0,313	0,005	0,011	0,201	FALSE
0,083	0,298	0,002	0,006	0,151	FALSE
-0,087	0,301	-0,004	0,011	0,144	FALSE
-0,011	0,309	0,000	0,007	0,003	FALSE
-0,072	0,307	-0,002	0,008	0,071	FALSE
-0,023	0,319	-0,001	0,010	0,052	FALSE
0,014	0,301	0,001	0,012	0,016	FALSE
0,037	0,314	0,000	0,013	0,012	FALSE
0,041	0,316	0,001	0,013	0,039	FALSE
0,021	0,301	0,001	0,011	0,043	FALSE
-0,041	0,323	-0,002	0,012	0,080	FALSE
-0,007	0,321	0,000	0,009	0,009	FALSE
-0,059	0,294	-0,002	0,009	0,099	FALSE
0,130	0,299	0,003	0,008	0,165	FALSE
0,018	0,300	0,000	0,010	0,014	FALSE
-0,006	0,302	-0,002	0,012	0,057	FALSE
-0,141	0,302	-0,005	0,009	0,227	FALSE
-0,113	0,316	-0,004	0,010	0,185	FALSE
-0,006	0,300	0,000	0,007	0,010	FALSE
-0,096	0,304	-0,003	0,008	0,147	FALSE
-0,115	0,302	-0,003	0,008	0,176	FALSE
-0,075	0,307	-0,002	0,008	0,112	FALSE
-0,080	0,312	-0,002	0,011	0,062	FALSE
-0,044	0,309	-0,001	0,008	0,028	FALSE
-0,118	0,307	-0,003	0,011	0,113	FALSE
-0,097	0,306	-0,003	0,012	0,112	FALSE
-0,094	0,307	-0,004	0,013	0,108	FALSE
0,018	0,304	0,001	0,011	0,017	FALSE
0,060	0,302	0,003	0,009	0,134	FALSE
-0,040	0,306	-0,001	0,006	0,034	FALSE
-0,090	0,309	-0,002	0,006	0,137	FALSE
-0,015	0,306	0,000	0,012	0,007	FALSE
-0,131	0,303	-0,004	0,009	0,190	FALSE
-0,104	0,300	-0,003	0,008	0,134	FALSE
-0,114	0,315	-0,005	0,012	0,182	FALSE
0,001	0,315	0,000	0,010	0,010	FALSE
0,069	0,306	0,001	0,006	0,081	FALSE
-0,167	0,306	-0,004	0,007	0,226	FALSE
-0,081	0,311	-0,003	0,011	0,100	FALSE
-0,101	0,316	-0,002	0,009	0,097	FALSE
0,060	0,317	0,003	0,012	0,084	FALSE
0,041	0,319	0,002	0,012	0,049	FALSE
-0,113	0,315	-0,005	0,013	0,170	FALSE
0,005	0,300	0,000	0,012	0,001	FALSE
0,077	0,300	0,002	0,006	0,089	FALSE
0,069	0,317	0,001	0,006	0,064	FALSE
-0,022	0,306	-0,001	0,007	0,026	FALSE
0,047	0,307	0,002	0,010	0,057	FALSE
0,102	0,286	0,003	0,012	0,110	FALSE
0,079	0,314	0,003	0,010	0,099	FALSE
0,064	0,318	0,001	0,006	0,053	FALSE

0,034	0,304	0,002	0,012	0,072	FALSE
-0,019	0,308	0,000	0,006	0,028	FALSE
-0,056	0,323	-0,001	0,007	0,074	FALSE
-0,006	0,300	0,001	0,010	0,027	FALSE
-0,158	0,298	-0,004	0,008	0,198	FALSE
-0,086	0,316	-0,002	0,007	0,115	FALSE
-0,159	0,300	-0,007	0,013	0,217	FALSE
-0,133	0,313	-0,005	0,011	0,186	FALSE
0,006	0,280	0,000	0,009	0,011	FALSE
-0,104	0,310	-0,002	0,009	0,088	FALSE
0,011	0,289	0,001	0,009	0,047	FALSE
-0,066	0,306	-0,003	0,008	0,125	FALSE
-0,002	0,307	-0,001	0,007	0,034	FALSE
0,013	0,288	0,000	0,008	0,002	FALSE
-0,055	0,294	-0,003	0,012	0,101	FALSE
0,110	0,309	0,003	0,007	0,151	FALSE
0,013	0,317	0,000	0,007	0,005	FALSE
-0,026	0,285	0,000	0,007	0,009	FALSE
0,107	0,295	0,002	0,007	0,107	FALSE
-0,137	0,305	-0,003	0,006	0,190	FALSE
-0,062	0,315	-0,002	0,012	0,071	FALSE
0,035	0,319	0,001	0,009	0,052	FALSE
-0,016	0,301	0,000	0,006	0,002	FALSE
0,101	0,301	0,004	0,011	0,157	FALSE
-0,036	0,312	-0,002	0,011	0,067	FALSE
-0,048	0,305	-0,003	0,010	0,103	FALSE
-0,022	0,307	0,000	0,012	0,014	FALSE
-0,047	0,296	-0,002	0,011	0,067	FALSE
0,012	0,309	0,000	0,010	0,001	FALSE
-0,012	0,294	0,000	0,007	0,004	FALSE
-0,037	0,312	-0,001	0,009	0,051	FALSE
0,101	0,301	0,003	0,009	0,128	FALSE
-0,062	0,307	-0,001	0,011	0,038	FALSE
0,078	0,304	0,003	0,012	0,105	FALSE
-0,039	0,279	-0,001	0,009	0,047	FALSE
0,048	0,307	0,002	0,010	0,058	FALSE
-0,091	0,304	-0,003	0,009	0,110	FALSE
0,033	0,292	0,001	0,012	0,042	FALSE
-0,133	0,301	-0,003	0,006	0,188	FALSE
-0,038	0,309	-0,001	0,011	0,044	FALSE
0,026	0,327	0,001	0,007	0,034	FALSE
-0,030	0,303	0,000	0,007	0,021	FALSE
0,122	0,323	0,004	0,012	0,121	FALSE
0,033	0,304	0,000	0,006	0,016	FALSE
-0,050	0,297	-0,001	0,009	0,046	FALSE
-0,040	0,309	-0,002	0,011	0,053	FALSE
0,000	0,310	0,001	0,013	0,025	FALSE
0,033	0,304	0,001	0,007	0,044	FALSE
-0,116	0,297	-0,005	0,011	0,183	FALSE
-0,103	0,318	-0,002	0,007	0,106	FALSE
-0,017	0,298	-0,001	0,006	0,035	FALSE
-0,065	0,306	-0,002	0,012	0,050	FALSE
-0,069	0,324	-0,002	0,008	0,082	FALSE

0,036	0,303	0,001	0,008	0,065	FALSE
-0,012	0,300	-0,001	0,010	0,020	FALSE
-0,097	0,309	-0,004	0,011	0,151	FALSE
-0,127	0,311	-0,003	0,006	0,178	FALSE
-0,027	0,297	-0,001	0,009	0,023	FALSE
0,076	0,305	0,003	0,011	0,122	FALSE
-0,125	0,303	-0,003	0,006	0,162	FALSE
0,191	0,313	0,005	0,008	0,288	FALSE
0,060	0,303	0,002	0,006	0,096	FALSE
0,023	0,317	0,000	0,008	0,011	FALSE
-0,052	0,316	-0,002	0,008	0,078	FALSE
-0,046	0,310	-0,002	0,008	0,079	FALSE
-0,008	0,306	0,000	0,010	0,016	FALSE
-0,004	0,302	0,001	0,009	0,020	FALSE
-0,038	0,306	0,000	0,010	0,013	FALSE
-0,062	0,295	-0,001	0,007	0,064	FALSE
-0,077	0,314	-0,003	0,011	0,115	FALSE
0,171	0,305	0,004	0,008	0,233	FALSE
0,028	0,313	0,001	0,007	0,043	FALSE
-0,139	0,305	-0,004	0,011	0,143	FALSE
0,016	0,303	0,001	0,011	0,027	FALSE
0,011	0,305	0,001	0,011	0,018	FALSE
0,033	0,309	0,001	0,011	0,042	FALSE
-0,020	0,301	-0,001	0,007	0,034	FALSE
-0,007	0,307	0,000	0,011	0,006	FALSE
-0,051	0,319	-0,002	0,010	0,093	FALSE
0,090	0,293	0,003	0,007	0,169	FALSE
-0,032	0,305	-0,001	0,011	0,020	FALSE
-0,117	0,306	-0,003	0,010	0,138	FALSE
0,025	0,318	0,000	0,010	0,002	FALSE
-0,056	0,308	-0,003	0,011	0,089	FALSE
-0,062	0,303	-0,001	0,007	0,064	FALSE
-0,033	0,307	-0,002	0,012	0,064	FALSE
0,128	0,304	0,004	0,011	0,161	FALSE
-0,004	0,299	0,000	0,006	0,003	FALSE
-0,006	0,315	-0,001	0,010	0,036	FALSE
0,000	0,301	0,000	0,010	0,018	FALSE
0,073	0,295	0,002	0,009	0,103	FALSE
0,023	0,303	0,001	0,008	0,042	FALSE
0,035	0,317	0,001	0,010	0,024	FALSE
-0,094	0,297	-0,003	0,008	0,121	FALSE
-0,028	0,300	-0,001	0,011	0,024	FALSE
-0,122	0,297	-0,004	0,010	0,159	FALSE
-0,036	0,295	-0,001	0,006	0,038	FALSE
0,152	0,297	0,005	0,009	0,227	FALSE
-0,027	0,305	-0,001	0,006	0,070	FALSE
0,063	0,291	0,003	0,008	0,119	FALSE
-0,019	0,307	-0,002	0,012	0,053	FALSE
0,020	0,303	-0,001	0,012	0,015	FALSE
0,034	0,323	0,000	0,012	0,006	FALSE
0,071	0,316	0,002	0,009	0,077	FALSE
-0,048	0,294	-0,003	0,012	0,096	FALSE
0,214	0,293	0,007	0,011	0,305	FALSE

-0,098	0,311	-0,003	0,013	0,075	FALSE
-0,034	0,318	-0,001	0,008	0,041	FALSE
0,038	0,278	0,002	0,011	0,080	FALSE
-0,049	0,305	-0,001	0,011	0,046	FALSE
0,116	0,310	0,004	0,009	0,171	FALSE
-0,087	0,302	-0,003	0,010	0,115	FALSE
0,122	0,309	0,002	0,006	0,141	FALSE
0,110	0,315	0,004	0,011	0,148	FALSE
-0,069	0,307	-0,002	0,008	0,091	FALSE
0,027	0,305	0,000	0,007	0,015	FALSE
-0,027	0,299	-0,001	0,008	0,036	FALSE
0,022	0,307	0,001	0,007	0,047	FALSE
0,032	0,317	0,001	0,009	0,043	FALSE
-0,035	0,319	-0,001	0,010	0,035	FALSE
0,047	0,315	0,000	0,007	0,019	FALSE
0,010	0,307	0,001	0,009	0,022	FALSE
0,089	0,306	0,003	0,010	0,118	FALSE
-0,152	0,305	-0,006	0,013	0,206	FALSE
0,005	0,308	0,000	0,007	0,015	FALSE
-0,065	0,310	-0,002	0,011	0,085	FALSE
0,093	0,310	0,003	0,008	0,124	FALSE
-0,003	0,311	0,000	0,010	0,004	FALSE
0,079	0,309	0,002	0,007	0,099	FALSE
0,022	0,324	0,000	0,007	0,011	FALSE
-0,127	0,312	-0,003	0,007	0,171	FALSE
-0,082	0,310	-0,002	0,008	0,085	FALSE
0,095	0,314	0,002	0,006	0,099	FALSE
-0,066	0,305	-0,002	0,009	0,092	FALSE
-0,057	0,304	-0,002	0,010	0,092	FALSE
-0,046	0,301	-0,002	0,010	0,075	FALSE
-0,143	0,307	-0,006	0,013	0,182	FALSE
-0,037	0,317	-0,002	0,011	0,055	FALSE
0,023	0,318	0,000	0,007	0,018	FALSE
-0,090	0,316	-0,002	0,008	0,084	FALSE
-0,136	0,297	-0,004	0,009	0,164	FALSE
-0,019	0,308	0,000	0,013	0,004	FALSE
-0,029	0,299	0,000	0,012	0,012	FALSE
-0,059	0,319	-0,002	0,011	0,069	FALSE
0,111	0,295	0,006	0,012	0,214	FALSE
-0,003	0,331	0,000	0,013	0,012	FALSE
0,159	0,314	0,006	0,012	0,230	FALSE
0,091	0,298	0,002	0,011	0,054	FALSE
0,101	0,304	0,002	0,011	0,060	FALSE
0,042	0,306	0,002	0,012	0,054	FALSE
0,045	0,316	0,001	0,007	0,041	FALSE
-0,053	0,305	-0,001	0,008	0,060	FALSE
0,032	0,306	0,001	0,012	0,027	FALSE
0,063	0,304	0,002	0,012	0,076	FALSE
0,085	0,307	0,004	0,012	0,128	FALSE
-0,032	0,301	-0,001	0,007	0,046	FALSE
0,050	0,306	0,002	0,011	0,048	FALSE
0,047	0,295	0,001	0,010	0,055	FALSE
0,067	0,307	0,002	0,010	0,073	FALSE

-0,107	0,306	-0,004	0,011	0,165	FALSE
-0,045	0,289	-0,001	0,008	0,067	FALSE
-0,027	0,315	0,000	0,006	0,027	FALSE
0,064	0,295	0,002	0,008	0,080	FALSE
-0,013	0,325	0,000	0,010	0,017	FALSE
0,185	0,298	0,004	0,006	0,257	FALSE
0,011	0,313	0,000	0,011	0,008	FALSE
0,037	0,295	0,001	0,006	0,064	FALSE
-0,025	0,317	-0,001	0,013	0,023	FALSE
-0,018	0,311	0,000	0,006	0,002	FALSE
-0,033	0,320	-0,001	0,012	0,040	FALSE
0,036	0,316	0,001	0,007	0,026	FALSE
-0,010	0,301	0,000	0,007	0,002	FALSE
-0,032	0,303	-0,001	0,007	0,026	FALSE
0,054	0,303	0,002	0,012	0,060	FALSE
-0,096	0,292	-0,004	0,011	0,133	FALSE
-0,034	0,318	0,000	0,010	0,002	FALSE
-0,067	0,323	-0,001	0,010	0,052	FALSE
-0,079	0,304	-0,003	0,011	0,087	FALSE
-0,069	0,309	-0,002	0,010	0,084	FALSE
0,017	0,306	0,001	0,008	0,033	FALSE
0,003	0,309	0,000	0,007	0,012	FALSE
-0,006	0,299	0,000	0,012	0,004	FALSE
-0,006	0,301	0,001	0,012	0,036	FALSE
0,001	0,290	0,001	0,012	0,042	FALSE
0,141	0,319	0,004	0,008	0,181	FALSE
0,008	0,308	0,000	0,008	0,014	FALSE
-0,029	0,311	0,000	0,013	0,009	FALSE
0,149	0,311	0,004	0,007	0,219	FALSE
-0,040	0,300	-0,001	0,011	0,036	FALSE
0,009	0,309	0,001	0,011	0,021	FALSE
-0,004	0,307	0,000	0,007	0,013	FALSE
-0,026	0,313	0,000	0,008	0,013	FALSE
-0,049	0,318	-0,001	0,009	0,051	FALSE
-0,061	0,300	-0,001	0,007	0,074	FALSE
0,164	0,303	0,003	0,007	0,190	FALSE
0,070	0,296	0,003	0,011	0,094	FALSE
0,077	0,296	0,003	0,009	0,108	FALSE
0,203	0,294	0,005	0,007	0,359	FALSE
0,135	0,308	0,003	0,006	0,229	FALSE
0,108	0,305	0,003	0,010	0,128	FALSE
0,116	0,301	0,004	0,010	0,145	FALSE
0,138	0,303	0,005	0,010	0,186	FALSE
0,058	0,308	0,001	0,008	0,043	FALSE
0,012	0,294	0,001	0,010	0,033	FALSE
0,034	0,314	0,001	0,009	0,040	FALSE
0,044	0,301	0,002	0,011	0,066	FALSE
0,089	0,305	0,003	0,011	0,099	FALSE
0,015	0,316	0,000	0,008	0,008	FALSE
0,191	0,293	0,004	0,006	0,330	FALSE
0,076	0,310	0,002	0,012	0,079	FALSE
0,051	0,313	0,002	0,012	0,064	FALSE
-0,117	0,309	-0,003	0,008	0,151	FALSE

0,004	0,312	0,000	0,007	0,025	FALSE
-0,020	0,286	0,000	0,007	0,018	FALSE
0,047	0,294	0,001	0,011	0,045	FALSE
-0,006	0,316	0,000	0,011	0,011	FALSE
0,097	0,313	0,002	0,007	0,126	FALSE
0,152	0,308	0,004	0,008	0,211	FALSE
0,044	0,319	0,001	0,007	0,048	FALSE
0,050	0,287	0,001	0,010	0,055	FALSE
0,004	0,308	0,000	0,008	0,000	FALSE
0,029	0,313	0,002	0,009	0,061	FALSE
-0,112	0,299	-0,003	0,008	0,146	FALSE
-0,002	0,318	0,000	0,007	0,009	FALSE
0,196	0,308	0,005	0,007	0,317	FALSE
0,027	0,303	0,000	0,011	0,004	FALSE
-0,043	0,313	-0,002	0,010	0,060	FALSE
-0,040	0,300	-0,001	0,010	0,053	FALSE
-0,126	0,308	-0,002	0,007	0,146	FALSE
0,040	0,313	0,001	0,012	0,036	FALSE
-0,057	0,310	-0,002	0,013	0,061	FALSE
0,013	0,320	0,000	0,007	0,007	FALSE
-0,005	0,319	0,000	0,011	0,008	FALSE
-0,123	0,314	-0,004	0,010	0,164	FALSE
-0,142	0,292	-0,005	0,009	0,210	FALSE
0,008	0,301	0,000	0,013	0,006	FALSE
-0,034	0,290	-0,001	0,012	0,044	FALSE
-0,100	0,309	-0,003	0,007	0,143	FALSE
0,044	0,320	0,002	0,011	0,059	FALSE
0,093	0,314	0,002	0,007	0,129	FALSE
0,028	0,310	0,001	0,008	0,038	FALSE
0,010	0,303	0,000	0,008	0,012	FALSE
-0,023	0,313	-0,001	0,007	0,040	FALSE
-0,035	0,309	-0,001	0,009	0,048	FALSE
0,009	0,296	0,001	0,008	0,027	FALSE
0,045	0,313	0,002	0,012	0,075	FALSE
0,033	0,307	0,001	0,007	0,050	FALSE
0,120	0,307	0,004	0,010	0,157	FALSE
0,081	0,313	0,003	0,013	0,094	FALSE
-0,018	0,319	0,000	0,009	0,009	FALSE
-0,173	0,293	-0,005	0,008	0,254	FALSE
0,008	0,314	0,000	0,008	0,004	FALSE
0,110	0,312	0,003	0,008	0,164	FALSE
-0,127	0,299	-0,003	0,007	0,175	FALSE
-0,051	0,300	-0,001	0,010	0,048	FALSE
-0,092	0,295	-0,002	0,009	0,095	FALSE
-0,111	0,309	-0,003	0,009	0,137	FALSE
-0,056	0,298	-0,001	0,007	0,065	FALSE
0,196	0,294	0,006	0,008	0,352	FALSE
-0,107	0,305	-0,003	0,009	0,140	FALSE
0,068	0,320	0,002	0,012	0,071	FALSE
0,014	0,298	0,000	0,006	0,014	FALSE
-0,088	0,322	-0,002	0,007	0,115	FALSE
0,007	0,309	0,000	0,012	0,006	FALSE
-0,046	0,306	-0,001	0,008	0,051	FALSE

-0,027	0,315	-0,002	0,010	0,066	FALSE
0,068	0,306	0,002	0,011	0,053	FALSE
0,024	0,298	0,001	0,012	0,035	FALSE
0,035	0,298	0,002	0,008	0,096	FALSE
-0,020	0,319	0,000	0,006	0,015	FALSE
0,089	0,311	0,002	0,007	0,119	FALSE
-0,008	0,306	-0,001	0,010	0,046	FALSE
-0,081	0,300	-0,004	0,012	0,122	FALSE
0,057	0,304	0,002	0,011	0,081	FALSE
0,150	0,300	0,007	0,012	0,240	FALSE
-0,097	0,311	-0,002	0,007	0,136	FALSE
-0,006	0,297	0,000	0,007	0,000	FALSE
0,082	0,324	0,002	0,008	0,080	FALSE
0,152	0,293	0,003	0,006	0,221	FALSE
-0,025	0,292	0,000	0,006	0,022	FALSE
-0,027	0,306	-0,002	0,012	0,049	FALSE
0,117	0,302	0,004	0,009	0,185	FALSE
0,018	0,315	0,000	0,010	0,013	FALSE
-0,098	0,307	-0,003	0,009	0,138	FALSE
-0,006	0,309	0,000	0,010	0,002	FALSE
0,018	0,301	0,001	0,007	0,027	FALSE
0,093	0,311	0,002	0,009	0,093	FALSE
-0,025	0,299	0,000	0,007	0,024	FALSE
0,113	0,304	0,004	0,011	0,157	FALSE
0,032	0,317	0,000	0,007	0,025	FALSE
-0,048	0,314	-0,001	0,010	0,053	FALSE
0,034	0,298	0,002	0,009	0,063	FALSE
-0,066	0,312	-0,002	0,010	0,074	FALSE
-0,024	0,313	-0,001	0,010	0,035	FALSE
0,021	0,306	0,001	0,011	0,020	FALSE
-0,028	0,310	-0,001	0,008	0,049	FALSE
0,033	0,296	0,002	0,009	0,070	FALSE
0,110	0,302	0,004	0,012	0,124	FALSE
-0,006	0,323	0,000	0,011	0,014	FALSE
0,124	0,286	0,005	0,009	0,236	FALSE
-0,085	0,292	-0,005	0,012	0,162	FALSE
-0,183	0,303	-0,007	0,011	0,275	FALSE
-0,001	0,307	0,000	0,011	0,015	FALSE
0,000	0,306	0,000	0,010	0,011	FALSE
0,078	0,313	0,003	0,010	0,130	FALSE
0,015	0,304	0,000	0,007	0,013	FALSE
0,030	0,307	0,001	0,007	0,039	FALSE
-0,026	0,299	-0,001	0,012	0,037	FALSE
-0,025	0,295	-0,001	0,009	0,024	FALSE
-0,047	0,291	-0,002	0,011	0,080	FALSE
-0,095	0,318	-0,002	0,007	0,121	FALSE
-0,054	0,305	-0,001	0,006	0,091	FALSE
0,000	0,308	0,000	0,009	0,005	FALSE
0,003	0,305	0,000	0,008	0,012	FALSE
-0,090	0,299	-0,002	0,007	0,125	FALSE
-0,096	0,311	-0,002	0,007	0,113	FALSE
0,086	0,304	0,003	0,012	0,104	FALSE
-0,025	0,306	-0,001	0,007	0,066	FALSE

0,039	0,322	0,001	0,008	0,051	FALSE
-0,061	0,301	-0,002	0,007	0,078	FALSE
-0,015	0,295	0,000	0,007	0,016	FALSE
0,151	0,279	0,005	0,008	0,269	FALSE
-0,017	0,305	-0,001	0,006	0,031	FALSE
-0,102	0,296	-0,003	0,008	0,127	FALSE
-0,068	0,302	-0,002	0,006	0,094	FALSE
-0,018	0,294	0,000	0,009	0,017	FALSE
-0,053	0,304	-0,003	0,013	0,077	FALSE
0,057	0,299	0,001	0,009	0,056	FALSE
-0,032	0,307	0,000	0,007	0,012	FALSE
-0,082	0,319	-0,003	0,009	0,124	FALSE
-0,002	0,308	0,000	0,006	0,028	FALSE
0,097	0,309	0,003	0,007	0,150	FALSE
0,027	0,301	0,001	0,006	0,042	FALSE
0,141	0,302	0,002	0,006	0,151	FALSE
-0,010	0,303	0,000	0,007	0,022	FALSE
-0,029	0,327	-0,001	0,007	0,033	FALSE
-0,014	0,307	0,000	0,008	0,019	FALSE
0,023	0,301	0,000	0,007	0,015	FALSE
0,077	0,307	0,001	0,006	0,080	FALSE
0,155	0,299	0,004	0,009	0,183	FALSE
-0,029	0,311	0,000	0,007	0,007	FALSE
-0,083	0,310	-0,001	0,006	0,081	FALSE
-0,142	0,306	-0,003	0,007	0,189	FALSE
0,034	0,308	0,000	0,008	0,012	FALSE
-0,015	0,299	0,000	0,008	0,003	FALSE
0,065	0,294	0,002	0,006	0,111	FALSE
-0,006	0,289	0,000	0,008	0,002	FALSE
0,002	0,306	0,000	0,008	0,014	FALSE
-0,087	0,304	-0,002	0,006	0,118	FALSE
0,040	0,300	0,000	0,010	0,013	FALSE
0,019	0,311	0,000	0,011	0,009	FALSE
0,076	0,299	0,002	0,006	0,103	FALSE
0,001	0,309	0,000	0,012	0,002	FALSE
0,113	0,305	0,003	0,008	0,170	FALSE
-0,131	0,306	-0,004	0,009	0,180	FALSE
0,182	0,290	0,004	0,007	0,257	FALSE
-0,017	0,284	-0,001	0,011	0,050	FALSE
0,043	0,305	0,002	0,012	0,064	FALSE
-0,012	0,295	-0,002	0,010	0,069	FALSE
-0,034	0,311	0,000	0,007	0,000	FALSE
0,004	0,318	0,000	0,011	0,002	FALSE
-0,039	0,300	-0,002	0,012	0,061	FALSE
0,037	0,300	0,001	0,012	0,016	FALSE
0,093	0,304	0,003	0,008	0,116	FALSE
-0,182	0,273	-0,005	0,009	0,259	FALSE
-0,161	0,311	-0,004	0,008	0,212	FALSE
0,006	0,317	0,000	0,007	0,011	FALSE
-0,021	0,311	-0,001	0,012	0,021	FALSE
0,049	0,312	0,002	0,012	0,064	FALSE
0,082	0,298	0,003	0,011	0,105	FALSE
-0,011	0,312	0,000	0,010	0,011	FALSE

-0,096	0,309	-0,003	0,010	0,117	FALSE
0,015	0,310	0,000	0,007	0,005	FALSE
-0,054	0,296	-0,001	0,008	0,042	FALSE
0,068	0,304	0,001	0,007	0,066	FALSE
0,091	0,318	0,003	0,013	0,097	FALSE
-0,108	0,297	-0,004	0,009	0,166	FALSE
-0,104	0,289	-0,003	0,011	0,105	FALSE
0,128	0,314	0,003	0,007	0,169	FALSE
-0,013	0,307	-0,001	0,007	0,049	FALSE
0,072	0,302	0,002	0,009	0,090	FALSE
-0,018	0,315	-0,001	0,006	0,067	FALSE
0,041	0,317	0,002	0,011	0,058	FALSE
-0,017	0,294	-0,001	0,012	0,015	FALSE
0,032	0,307	0,001	0,006	0,083	FALSE
0,044	0,306	0,001	0,007	0,046	FALSE
-0,002	0,297	0,000	0,008	0,011	FALSE
0,113	0,304	0,003	0,006	0,157	FALSE
0,010	0,305	0,000	0,012	0,002	FALSE
0,024	0,299	0,001	0,011	0,048	FALSE
0,031	0,298	0,001	0,008	0,038	FALSE
-0,094	0,310	-0,002	0,008	0,113	FALSE
0,053	0,312	0,002	0,012	0,059	FALSE
-0,104	0,301	-0,004	0,009	0,153	FALSE
0,036	0,302	0,001	0,007	0,039	FALSE
-0,060	0,310	-0,002	0,008	0,090	FALSE
-0,019	0,308	-0,001	0,008	0,022	FALSE
0,111	0,312	0,004	0,011	0,131	FALSE
-0,041	0,297	-0,001	0,007	0,032	FALSE
0,113	0,310	0,004	0,011	0,128	FALSE
-0,080	0,306	-0,002	0,011	0,084	FALSE
0,053	0,305	0,002	0,011	0,071	FALSE
0,133	0,304	0,003	0,008	0,176	FALSE
0,024	0,304	0,000	0,007	0,007	FALSE
-0,108	0,318	-0,003	0,007	0,135	FALSE
-0,116	0,310	-0,003	0,007	0,148	FALSE
-0,132	0,312	-0,003	0,007	0,174	FALSE
-0,191	0,305	-0,008	0,013	0,262	FALSE
0,025	0,307	0,000	0,012	0,009	FALSE
-0,026	0,309	-0,001	0,012	0,033	FALSE
-0,097	0,300	-0,003	0,012	0,100	FALSE
-0,107	0,296	-0,004	0,011	0,142	FALSE
-0,119	0,311	-0,005	0,013	0,146	FALSE
0,045	0,310	0,001	0,006	0,084	FALSE
0,213	0,283	0,009	0,011	0,360	FALSE
-0,167	0,297	-0,004	0,007	0,240	FALSE
0,093	0,301	0,004	0,010	0,139	FALSE
0,105	0,306	0,002	0,008	0,106	FALSE
0,179	0,296	0,005	0,007	0,287	FALSE
-0,020	0,300	0,000	0,006	0,005	FALSE
0,037	0,314	0,001	0,012	0,032	FALSE
0,072	0,292	0,002	0,006	0,133	FALSE
0,090	0,293	0,002	0,007	0,137	FALSE
0,007	0,313	0,000	0,008	0,014	FALSE

-0,033	0,310	-0,001	0,010	0,056	FALSE
-0,052	0,311	-0,002	0,012	0,063	FALSE
-0,052	0,302	-0,001	0,010	0,043	FALSE
-0,111	0,286	-0,004	0,012	0,129	FALSE
0,090	0,309	0,004	0,012	0,127	FALSE
-0,062	0,288	-0,001	0,006	0,045	FALSE
-0,058	0,306	-0,002	0,009	0,074	FALSE
0,126	0,301	0,004	0,008	0,193	FALSE
0,024	0,308	0,000	0,007	0,010	FALSE
-0,019	0,313	0,000	0,010	0,015	FALSE
0,148	0,305	0,006	0,011	0,225	FALSE
-0,032	0,301	-0,002	0,010	0,085	FALSE
0,013	0,299	0,000	0,011	0,002	FALSE
0,183	0,308	0,005	0,008	0,274	FALSE
0,162	0,297	0,004	0,008	0,245	FALSE
0,082	0,310	0,002	0,008	0,099	FALSE
-0,117	0,285	-0,004	0,009	0,160	FALSE
0,018	0,302	0,001	0,012	0,043	FALSE
0,011	0,296	0,000	0,009	0,005	FALSE
0,031	0,307	0,001	0,010	0,018	FALSE
-0,062	0,303	-0,001	0,006	0,043	FALSE
-0,009	0,325	0,000	0,006	0,011	FALSE
0,051	0,307	0,002	0,007	0,089	FALSE
0,109	0,304	0,006	0,012	0,195	FALSE
0,096	0,289	0,002	0,006	0,141	FALSE
0,084	0,297	0,002	0,006	0,121	FALSE
0,079	0,298	0,002	0,006	0,110	FALSE
0,148	0,316	0,003	0,007	0,186	FALSE
0,064	0,298	0,002	0,007	0,118	FALSE
-0,109	0,298	-0,004	0,009	0,207	FALSE
0,111	0,293	0,004	0,009	0,211	FALSE
0,061	0,304	0,001	0,009	0,058	FALSE
0,059	0,304	0,003	0,013	0,085	FALSE
0,002	0,310	0,000	0,007	0,009	FALSE
0,102	0,285	0,003	0,008	0,161	FALSE
-0,011	0,298	0,000	0,007	0,009	FALSE
0,009	0,310	0,000	0,007	0,019	FALSE
0,108	0,291	0,003	0,007	0,168	FALSE
-0,128	0,295	-0,004	0,009	0,210	FALSE
0,105	0,291	0,003	0,007	0,157	FALSE
-0,161	0,290	-0,004	0,008	0,229	FALSE
0,135	0,293	0,003	0,008	0,174	FALSE
0,042	0,306	0,001	0,007	0,071	FALSE
0,028	0,297	0,002	0,012	0,053	FALSE
0,079	0,302	0,002	0,008	0,096	FALSE
0,116	0,296	0,002	0,007	0,136	FALSE
0,044	0,297	0,001	0,007	0,055	FALSE
-0,081	0,310	-0,002	0,006	0,093	FALSE
-0,155	0,310	-0,005	0,010	0,186	FALSE
0,145	0,294	0,005	0,009	0,260	FALSE
0,085	0,303	0,003	0,010	0,122	FALSE
0,180	0,311	0,004	0,007	0,235	FALSE
-0,126	0,301	-0,005	0,012	0,168	FALSE

-0,081	0,300	-0,002	0,006	0,125	FALSE
-0,074	0,315	-0,002	0,007	0,108	FALSE
-0,064	0,313	-0,001	0,007	0,060	FALSE
0,030	0,314	0,001	0,012	0,030	FALSE
0,061	0,310	0,001	0,007	0,060	FALSE
-0,093	0,300	-0,002	0,006	0,101	FALSE
-0,056	0,320	-0,002	0,013	0,074	FALSE
-0,173	0,297	-0,006	0,011	0,242	FALSE
-0,070	0,304	-0,002	0,008	0,096	FALSE
0,032	0,323	0,002	0,010	0,058	FALSE
-0,059	0,301	-0,002	0,012	0,061	FALSE
0,015	0,299	0,000	0,006	0,000	FALSE
-0,016	0,306	0,000	0,007	0,017	FALSE
-0,193	0,301	-0,004	0,007	0,278	FALSE
-0,017	0,307	0,000	0,007	0,011	FALSE
0,123	0,306	0,004	0,008	0,186	FALSE
0,033	0,296	0,001	0,007	0,059	FALSE
0,036	0,299	0,000	0,007	0,025	FALSE
0,010	0,316	0,000	0,007	0,023	FALSE
-0,003	0,308	0,001	0,011	0,030	FALSE
-0,069	0,300	-0,002	0,009	0,089	FALSE
-0,082	0,304	-0,003	0,011	0,098	FALSE
-0,044	0,326	-0,001	0,007	0,062	FALSE
-0,051	0,300	-0,001	0,008	0,057	FALSE
-0,081	0,313	-0,003	0,010	0,135	FALSE
-0,008	0,312	0,000	0,009	0,001	FALSE
-0,027	0,303	-0,002	0,010	0,069	FALSE
-0,075	0,309	-0,002	0,006	0,095	FALSE
0,035	0,312	0,002	0,012	0,056	FALSE
0,046	0,301	0,000	0,012	0,011	FALSE
0,038	0,303	0,001	0,012	0,034	FALSE
0,008	0,319	0,001	0,009	0,025	FALSE
0,051	0,323	0,001	0,007	0,052	FALSE
-0,038	0,320	-0,001	0,010	0,037	FALSE
-0,112	0,294	-0,004	0,010	0,141	FALSE
-0,102	0,307	-0,002	0,007	0,130	FALSE
0,003	0,309	0,000	0,006	0,002	FALSE
0,122	0,315	0,004	0,008	0,190	FALSE
0,128	0,308	0,005	0,009	0,217	FALSE
-0,120	0,301	-0,003	0,007	0,164	FALSE
0,122	0,319	0,004	0,010	0,161	FALSE
0,053	0,307	0,001	0,008	0,068	FALSE
0,006	0,294	0,001	0,009	0,047	FALSE
0,040	0,289	0,003	0,013	0,104	FALSE
-0,058	0,310	-0,002	0,012	0,069	FALSE
-0,141	0,296	-0,006	0,011	0,256	FALSE
0,198	0,275	0,004	0,005	0,341	FALSE
-0,169	0,292	-0,008	0,013	0,292	FALSE
-0,052	0,303	-0,001	0,007	0,065	FALSE
0,161	0,278	0,004	0,006	0,290	FALSE
0,038	0,307	0,001	0,008	0,041	FALSE
0,002	0,314	0,000	0,012	0,003	FALSE
0,027	0,313	0,000	0,007	0,021	FALSE

0,044	0,301	0,003	0,012	0,094	FALSE
0,165	0,300	0,003	0,006	0,205	FALSE
-0,010	0,304	0,000	0,012	0,003	FALSE
-0,102	0,296	-0,005	0,012	0,152	FALSE
-0,099	0,305	-0,002	0,006	0,133	FALSE
-0,124	0,314	-0,005	0,012	0,176	FALSE
-0,041	0,300	-0,001	0,012	0,024	FALSE
0,066	0,288	0,003	0,008	0,121	FALSE
0,030	0,319	0,001	0,010	0,026	FALSE
-0,068	0,298	-0,003	0,009	0,114	FALSE
-0,135	0,304	-0,005	0,009	0,232	FALSE
-0,102	0,305	-0,002	0,006	0,123	FALSE
-0,061	0,305	-0,001	0,007	0,062	FALSE
-0,071	0,306	-0,002	0,007	0,116	FALSE
0,105	0,303	0,003	0,007	0,156	FALSE
0,155	0,303	0,004	0,006	0,253	FALSE
-0,118	0,313	-0,002	0,006	0,143	FALSE
0,038	0,316	0,002	0,012	0,050	FALSE
0,084	0,309	0,003	0,012	0,094	FALSE
-0,015	0,297	0,000	0,011	0,015	FALSE
0,144	0,299	0,005	0,010	0,216	FALSE
-0,128	0,306	-0,005	0,012	0,169	FALSE
0,138	0,306	0,003	0,010	0,131	FALSE
-0,045	0,294	-0,002	0,011	0,060	FALSE
0,084	0,311	0,002	0,011	0,073	FALSE
-0,023	0,329	0,000	0,010	0,003	FALSE
-0,039	0,309	-0,001	0,009	0,042	FALSE
0,111	0,310	0,003	0,010	0,120	FALSE
0,101	0,305	0,003	0,010	0,107	FALSE
-0,018	0,319	0,000	0,013	0,002	FALSE
-0,122	0,306	-0,004	0,010	0,183	FALSE
-0,020	0,300	0,000	0,007	0,022	FALSE
0,028	0,308	0,001	0,010	0,022	FALSE
-0,083	0,306	-0,004	0,012	0,112	FALSE
0,074	0,302	0,002	0,007	0,101	FALSE
0,034	0,321	0,002	0,013	0,045	FALSE
0,038	0,298	0,001	0,010	0,039	FALSE
-0,032	0,310	-0,001	0,012	0,034	FALSE
-0,007	0,294	0,000	0,012	0,010	FALSE
-0,016	0,292	-0,001	0,007	0,051	FALSE
-0,010	0,313	-0,001	0,007	0,030	FALSE
0,127	0,312	0,003	0,007	0,166	FALSE
0,138	0,311	0,006	0,011	0,215	FALSE
0,171	0,304	0,008	0,011	0,297	FALSE
-0,112	0,308	-0,002	0,007	0,095	FALSE
0,096	0,303	0,002	0,007	0,118	FALSE
0,009	0,300	0,000	0,007	0,016	FALSE
-0,018	0,309	-0,001	0,010	0,029	FALSE
-0,008	0,295	-0,001	0,010	0,022	FALSE
0,028	0,302	0,001	0,008	0,022	FALSE
-0,045	0,304	-0,001	0,011	0,046	FALSE
0,029	0,306	0,001	0,008	0,044	FALSE
-0,033	0,305	0,000	0,008	0,016	FALSE

-0,017	0,308	0,000	0,006	0,024	FALSE
-0,147	0,313	-0,004	0,009	0,200	TRUE
0,032	0,309	0,001	0,008	0,033	FALSE
0,023	0,295	0,001	0,007	0,031	FALSE
0,027	0,301	0,000	0,006	0,011	FALSE
0,032	0,297	0,001	0,011	0,020	FALSE
0,056	0,300	0,001	0,010	0,055	FALSE
-0,049	0,310	-0,001	0,007	0,076	FALSE
-0,112	0,306	-0,004	0,010	0,176	FALSE
0,016	0,302	0,000	0,011	0,004	FALSE
0,006	0,313	0,000	0,010	0,009	FALSE
-0,023	0,319	-0,001	0,010	0,030	FALSE
-0,087	0,311	-0,002	0,007	0,095	FALSE
-0,133	0,291	-0,003	0,006	0,184	FALSE
-0,051	0,321	-0,002	0,012	0,074	FALSE
-0,059	0,307	-0,001	0,007	0,065	FALSE
0,001	0,301	0,000	0,010	0,002	FALSE
-0,157	0,303	-0,003	0,007	0,214	FALSE
-0,026	0,323	-0,001	0,008	0,036	FALSE
0,159	0,295	0,004	0,008	0,241	FALSE
0,036	0,310	0,001	0,012	0,026	FALSE
-0,104	0,310	-0,004	0,012	0,138	FALSE
-0,062	0,311	-0,001	0,007	0,072	FALSE
0,091	0,318	0,004	0,011	0,124	FALSE
0,006	0,300	0,000	0,011	0,008	FALSE
0,040	0,322	0,001	0,007	0,034	FALSE
-0,176	0,311	-0,004	0,008	0,253	FALSE
0,043	0,293	0,001	0,008	0,060	FALSE
0,086	0,307	0,002	0,008	0,104	FALSE
-0,115	0,311	-0,003	0,008	0,154	FALSE
-0,150	0,326	-0,004	0,008	0,205	FALSE
-0,018	0,304	0,000	0,012	0,010	FALSE
0,090	0,303	0,003	0,008	0,139	FALSE
-0,074	0,311	-0,003	0,010	0,100	FALSE
-0,111	0,316	-0,003	0,010	0,103	FALSE
-0,104	0,300	-0,003	0,007	0,158	FALSE
-0,023	0,302	-0,001	0,008	0,029	FALSE
-0,042	0,303	-0,001	0,009	0,037	FALSE
-0,019	0,309	0,000	0,009	0,010	FALSE
-0,033	0,304	-0,001	0,009	0,031	FALSE
0,167	0,292	0,006	0,011	0,237	FALSE
-0,070	0,303	-0,002	0,007	0,082	FALSE
-0,033	0,311	-0,002	0,012	0,056	FALSE
0,007	0,296	0,002	0,010	0,063	FALSE
0,079	0,306	0,005	0,012	0,159	FALSE
0,009	0,315	0,000	0,012	0,008	FALSE
0,044	0,299	0,001	0,006	0,056	FALSE
0,174	0,293	0,007	0,012	0,256	FALSE
0,081	0,306	0,003	0,010	0,128	FALSE
0,038	0,318	0,001	0,009	0,035	FALSE
0,054	0,316	0,001	0,009	0,035	FALSE
0,008	0,315	0,001	0,013	0,043	FALSE
-0,114	0,307	-0,005	0,013	0,164	FALSE

0,022	0,304	0,001	0,011	0,018	FALSE
0,030	0,292	0,001	0,007	0,067	FALSE
0,033	0,321	0,002	0,012	0,065	FALSE
-0,033	0,311	-0,001	0,011	0,033	FALSE
0,070	0,310	0,002	0,012	0,053	FALSE
0,027	0,318	0,002	0,013	0,057	FALSE
0,072	0,317	0,002	0,008	0,070	FALSE
0,029	0,303	0,001	0,008	0,029	FALSE
0,029	0,310	0,000	0,006	0,015	FALSE
0,005	0,327	0,000	0,007	0,004	FALSE
-0,047	0,308	-0,001	0,008	0,030	FALSE
-0,085	0,308	-0,002	0,007	0,085	FALSE
-0,085	0,297	-0,002	0,007	0,092	FALSE
-0,031	0,304	-0,001	0,009	0,043	FALSE
0,044	0,305	0,002	0,010	0,059	FALSE
0,005	0,319	0,000	0,007	0,024	FALSE
0,001	0,313	0,000	0,012	0,011	FALSE
-0,105	0,311	-0,003	0,009	0,122	FALSE
-0,031	0,306	0,000	0,006	0,021	FALSE
0,012	0,313	0,000	0,009	0,008	FALSE
-0,081	0,300	-0,002	0,008	0,081	FALSE
0,240	0,299	0,005	0,007	0,338	FALSE
-0,071	0,302	-0,001	0,008	0,065	FALSE
0,146	0,299	0,005	0,009	0,213	FALSE
0,122	0,307	0,002	0,007	0,125	FALSE
0,028	0,318	0,001	0,009	0,032	FALSE
0,056	0,305	0,002	0,007	0,092	FALSE
0,013	0,297	0,001	0,007	0,026	FALSE
0,060	0,308	0,003	0,013	0,091	FALSE
0,065	0,308	0,003	0,012	0,088	FALSE
0,084	0,290	0,003	0,008	0,156	FALSE
-0,054	0,296	-0,002	0,011	0,054	FALSE
-0,045	0,302	-0,001	0,007	0,060	FALSE
-0,022	0,314	0,000	0,012	0,015	FALSE
0,062	0,307	0,002	0,011	0,064	FALSE
0,008	0,314	0,000	0,008	0,004	FALSE
0,034	0,309	0,001	0,007	0,027	FALSE
0,282	0,277	0,008	0,008	0,482	FALSE
-0,116	0,305	-0,002	0,006	0,141	FALSE
-0,157	0,298	-0,004	0,007	0,223	FALSE
0,043	0,301	0,001	0,006	0,063	FALSE
0,281	0,288	0,007	0,008	0,452	FALSE
-0,045	0,296	-0,001	0,008	0,059	FALSE
-0,038	0,307	-0,001	0,007	0,046	FALSE
0,070	0,307	0,002	0,006	0,117	FALSE
0,089	0,312	0,002	0,008	0,100	FALSE
0,046	0,314	0,001	0,007	0,031	FALSE
-0,010	0,297	0,000	0,011	0,008	FALSE
-0,137	0,303	-0,004	0,009	0,203	FALSE
0,050	0,305	0,001	0,007	0,046	FALSE
0,025	0,311	0,000	0,009	0,018	FALSE
-0,096	0,311	-0,004	0,012	0,136	FALSE
-0,026	0,299	-0,001	0,007	0,030	FALSE

-0,070	0,300	-0,003	0,013	0,083	FALSE
-0,067	0,294	-0,003	0,012	0,085	FALSE
-0,006	0,329	0,000	0,013	0,001	FALSE
0,137	0,289	0,004	0,007	0,230	FALSE
-0,074	0,305	-0,002	0,009	0,092	FALSE
0,226	0,292	0,010	0,012	0,380	FALSE
0,084	0,310	0,002	0,006	0,096	FALSE
-0,001	0,313	0,000	0,008	0,011	FALSE
-0,084	0,305	-0,002	0,007	0,115	FALSE
0,075	0,303	0,003	0,011	0,099	FALSE
-0,182	0,314	-0,004	0,007	0,224	TRUE
-0,003	0,294	0,000	0,011	0,000	FALSE
-0,096	0,286	-0,002	0,008	0,110	FALSE
-0,105	0,305	-0,003	0,008	0,122	FALSE
0,058	0,315	0,002	0,012	0,062	FALSE
0,004	0,317	0,000	0,008	0,005	FALSE
0,060	0,292	0,002	0,012	0,064	FALSE
-0,040	0,321	-0,001	0,009	0,035	FALSE
-0,077	0,315	-0,002	0,007	0,103	FALSE
0,017	0,307	0,000	0,008	0,013	FALSE
0,119	0,318	0,003	0,009	0,133	FALSE
-0,125	0,309	-0,003	0,008	0,178	FALSE
0,044	0,324	0,001	0,008	0,029	FALSE
-0,085	0,296	-0,002	0,007	0,109	FALSE
-0,038	0,291	0,000	0,009	0,020	FALSE
-0,046	0,312	-0,002	0,011	0,071	FALSE
0,005	0,312	0,000	0,010	0,013	FALSE
-0,039	0,305	-0,002	0,011	0,058	FALSE
-0,135	0,309	-0,006	0,011	0,202	FALSE
0,053	0,307	0,001	0,007	0,042	FALSE
-0,146	0,321	-0,003	0,008	0,183	FALSE
-0,058	0,315	-0,001	0,007	0,061	FALSE
-0,064	0,297	-0,003	0,011	0,092	FALSE
-0,032	0,299	-0,001	0,010	0,027	FALSE
0,036	0,302	0,002	0,012	0,052	FALSE
0,030	0,308	0,001	0,012	0,044	FALSE
-0,109	0,303	-0,003	0,007	0,159	FALSE
-0,065	0,296	-0,001	0,006	0,071	FALSE
-0,072	0,297	-0,002	0,007	0,092	FALSE
0,108	0,305	0,004	0,010	0,169	FALSE
-0,015	0,315	0,000	0,009	0,016	FALSE
0,047	0,308	0,001	0,007	0,081	FALSE
-0,063	0,313	-0,001	0,009	0,038	FALSE
-0,077	0,296	-0,003	0,012	0,095	FALSE
0,031	0,302	0,001	0,012	0,037	FALSE
-0,042	0,315	-0,001	0,008	0,056	FALSE
0,048	0,305	0,002	0,010	0,096	FALSE
0,047	0,305	0,001	0,006	0,055	FALSE
-0,078	0,310	-0,003	0,010	0,102	FALSE
0,043	0,305	0,003	0,012	0,086	FALSE
0,036	0,309	0,002	0,013	0,059	FALSE
0,050	0,300	0,001	0,006	0,087	FALSE
-0,034	0,307	-0,002	0,010	0,071	FALSE

-0,056	0,299	-0,002	0,009	0,093	FALSE
0,007	0,314	0,000	0,006	0,006	FALSE
0,125	0,296	0,003	0,007	0,161	FALSE
-0,029	0,303	-0,001	0,008	0,028	FALSE
-0,075	0,297	-0,002	0,007	0,111	FALSE
0,055	0,311	0,002	0,011	0,070	FALSE
0,093	0,323	0,003	0,009	0,117	FALSE
0,052	0,310	0,002	0,012	0,054	FALSE
0,096	0,306	0,002	0,006	0,105	FALSE
-0,100	0,301	-0,003	0,010	0,114	FALSE
0,024	0,309	0,001	0,008	0,052	FALSE
-0,084	0,305	-0,002	0,006	0,113	FALSE
-0,072	0,312	-0,002	0,009	0,081	FALSE
-0,134	0,312	-0,003	0,008	0,174	FALSE
-0,084	0,303	-0,001	0,007	0,068	FALSE
-0,081	0,300	-0,001	0,007	0,071	FALSE
-0,041	0,310	-0,001	0,006	0,069	FALSE
0,073	0,294	0,002	0,008	0,095	FALSE
-0,021	0,305	-0,001	0,012	0,038	FALSE
-0,191	0,301	-0,007	0,011	0,296	FALSE
0,155	0,310	0,004	0,008	0,207	FALSE
0,188	0,298	0,005	0,008	0,298	FALSE
-0,100	0,294	-0,003	0,011	0,094	FALSE
-0,035	0,300	-0,001	0,008	0,029	FALSE
0,034	0,310	0,002	0,011	0,083	FALSE
-0,002	0,301	0,001	0,010	0,024	FALSE
0,049	0,314	0,002	0,013	0,048	FALSE
-0,041	0,317	-0,001	0,009	0,041	FALSE
-0,105	0,316	-0,003	0,009	0,138	FALSE
0,190	0,312	0,005	0,007	0,287	FALSE
0,183	0,317	0,004	0,008	0,251	FALSE
0,183	0,313	0,004	0,007	0,262	FALSE
0,170	0,310	0,007	0,013	0,218	FALSE
-0,105	0,312	-0,004	0,012	0,112	FALSE
-0,045	0,311	-0,001	0,008	0,041	FALSE
0,018	0,305	0,000	0,009	0,005	FALSE
0,067	0,314	0,002	0,008	0,083	FALSE
0,054	0,323	0,001	0,011	0,050	FALSE
-0,013	0,308	0,000	0,012	0,005	FALSE
0,136	0,295	0,004	0,009	0,218	FALSE
0,138	0,298	0,005	0,012	0,156	FALSE
-0,099	0,296	-0,003	0,009	0,159	FALSE
-0,168	0,296	-0,004	0,007	0,235	FALSE
-0,106	0,305	-0,003	0,009	0,158	FALSE
-0,119	0,313	-0,003	0,007	0,160	FALSE
-0,067	0,314	-0,002	0,011	0,079	FALSE
-0,069	0,312	-0,003	0,011	0,088	FALSE
-0,049	0,295	-0,002	0,011	0,064	FALSE
-0,160	0,309	-0,004	0,007	0,218	FALSE
-0,038	0,302	-0,001	0,010	0,053	FALSE
0,075	0,298	0,003	0,011	0,110	FALSE
0,125	0,306	0,005	0,011	0,175	FALSE
0,160	0,299	0,004	0,008	0,229	FALSE

0,039	0,309	0,001	0,009	0,046	FALSE
0,033	0,307	0,001	0,007	0,071	FALSE
-0,029	0,314	-0,001	0,008	0,040	FALSE
0,000	0,296	-0,001	0,009	0,027	FALSE
0,050	0,308	0,001	0,008	0,051	FALSE
-0,015	0,298	-0,001	0,007	0,025	FALSE
-0,029	0,298	-0,001	0,007	0,030	FALSE
0,140	0,296	0,003	0,007	0,186	FALSE
0,034	0,297	0,000	0,007	0,001	FALSE
0,180	0,305	0,007	0,012	0,253	FALSE
0,093	0,314	0,004	0,011	0,136	FALSE
0,000	0,286	0,000	0,012	0,011	FALSE
-0,097	0,309	-0,003	0,009	0,125	FALSE
-0,024	0,325	-0,001	0,011	0,050	FALSE
-0,057	0,295	-0,002	0,010	0,090	FALSE
-0,037	0,298	-0,002	0,013	0,055	FALSE
-0,046	0,314	-0,002	0,012	0,061	FALSE
-0,044	0,303	-0,003	0,012	0,080	FALSE
-0,088	0,298	-0,003	0,011	0,096	FALSE
-0,090	0,314	-0,003	0,010	0,098	FALSE
0,098	0,302	0,003	0,010	0,106	FALSE
-0,094	0,315	-0,002	0,007	0,140	FALSE
0,009	0,320	0,000	0,010	0,012	FALSE
0,052	0,325	0,002	0,010	0,064	FALSE
0,083	0,312	0,002	0,008	0,102	FALSE
0,076	0,302	0,004	0,012	0,126	FALSE
-0,047	0,315	-0,001	0,007	0,056	FALSE
0,021	0,319	0,001	0,010	0,024	FALSE
-0,012	0,311	-0,001	0,008	0,026	FALSE
0,005	0,315	-0,001	0,008	0,023	FALSE
0,086	0,312	0,003	0,010	0,145	FALSE
0,099	0,289	0,004	0,009	0,192	FALSE
0,026	0,288	0,001	0,009	0,037	FALSE
0,024	0,316	0,001	0,010	0,019	FALSE
0,021	0,305	0,001	0,008	0,060	FALSE
-0,128	0,295	-0,003	0,007	0,178	FALSE
0,103	0,290	0,002	0,007	0,132	FALSE
0,016	0,310	0,000	0,006	0,017	FALSE
0,075	0,312	0,004	0,011	0,132	FALSE
-0,005	0,316	0,000	0,012	0,013	FALSE
-0,007	0,307	0,000	0,008	0,017	FALSE
-0,078	0,309	-0,003	0,013	0,084	FALSE
0,065	0,305	0,001	0,007	0,066	FALSE
-0,049	0,311	-0,002	0,013	0,063	FALSE
-0,116	0,311	-0,004	0,009	0,157	FALSE
0,000	0,300	0,000	0,007	0,006	FALSE
-0,012	0,309	-0,001	0,008	0,043	FALSE
0,066	0,301	0,001	0,006	0,051	FALSE
-0,212	0,299	-0,009	0,011	0,354	FALSE
0,228	0,281	0,010	0,012	0,389	FALSE
0,125	0,306	0,003	0,008	0,167	FALSE
-0,054	0,307	-0,002	0,011	0,070	FALSE
0,034	0,324	0,001	0,006	0,040	FALSE

0,080	0,311	0,002	0,007	0,099	FALSE
-0,051	0,317	-0,002	0,010	0,092	FALSE
0,006	0,305	0,000	0,007	0,009	FALSE
0,069	0,291	0,001	0,007	0,077	FALSE
-0,033	0,314	0,000	0,007	0,021	FALSE
0,143	0,306	0,005	0,012	0,183	FALSE
0,064	0,314	0,003	0,012	0,077	FALSE
0,050	0,306	0,002	0,012	0,057	FALSE
0,004	0,307	0,000	0,007	0,007	FALSE
-0,111	0,297	-0,002	0,006	0,125	FALSE
-0,035	0,304	0,000	0,010	0,011	FALSE
0,002	0,305	-0,001	0,012	0,040	FALSE
-0,133	0,308	-0,003	0,007	0,160	FALSE
-0,028	0,299	-0,001	0,011	0,037	FALSE
0,045	0,287	0,002	0,012	0,048	FALSE
0,055	0,303	0,001	0,007	0,069	FALSE
-0,095	0,308	-0,002	0,006	0,134	FALSE
0,020	0,310	0,000	0,010	0,010	FALSE
0,063	0,310	0,002	0,013	0,052	FALSE
-0,047	0,301	-0,002	0,012	0,055	FALSE
0,103	0,294	0,002	0,007	0,123	FALSE
-0,026	0,305	-0,001	0,011	0,023	FALSE
-0,018	0,306	0,000	0,013	0,010	FALSE
-0,027	0,312	0,000	0,007	0,018	FALSE
0,002	0,293	-0,001	0,007	0,031	FALSE
-0,106	0,310	-0,003	0,008	0,136	FALSE
0,024	0,306	0,001	0,010	0,034	FALSE
-0,073	0,312	-0,002	0,008	0,109	FALSE
0,075	0,302	0,002	0,007	0,111	FALSE
-0,111	0,299	-0,003	0,008	0,163	FALSE
-0,076	0,322	-0,002	0,008	0,110	FALSE
0,146	0,288	0,003	0,007	0,192	FALSE
-0,095	0,309	-0,002	0,006	0,128	FALSE
0,016	0,306	0,001	0,010	0,021	FALSE
-0,090	0,316	-0,004	0,010	0,151	FALSE
0,099	0,284	0,004	0,010	0,150	FALSE
0,030	0,294	0,001	0,010	0,028	FALSE
-0,043	0,312	-0,003	0,012	0,095	FALSE
0,106	0,310	0,005	0,012	0,160	FALSE
0,104	0,303	0,005	0,012	0,166	FALSE
0,095	0,300	0,005	0,012	0,151	FALSE
-0,115	0,312	-0,005	0,013	0,159	FALSE
0,108	0,286	0,004	0,008	0,187	FALSE
0,163	0,306	0,005	0,009	0,235	FALSE
0,194	0,301	0,005	0,008	0,289	FALSE
-0,084	0,302	-0,001	0,006	0,081	FALSE
0,009	0,307	0,000	0,007	0,001	FALSE
-0,051	0,314	-0,001	0,007	0,077	FALSE
-0,011	0,306	0,000	0,006	0,025	FALSE
0,106	0,315	0,003	0,008	0,124	FALSE
-0,089	0,310	-0,003	0,012	0,107	FALSE
-0,070	0,309	-0,001	0,007	0,077	FALSE
-0,110	0,298	-0,004	0,010	0,173	FALSE

-0,021	0,297	0,000	0,007	0,021	FALSE
-0,022	0,311	-0,001	0,009	0,023	FALSE
-0,083	0,309	-0,002	0,008	0,105	FALSE
0,047	0,312	0,001	0,008	0,054	FALSE
-0,026	0,303	-0,002	0,012	0,046	FALSE
0,041	0,298	0,002	0,009	0,087	FALSE
-0,110	0,306	-0,003	0,006	0,167	FALSE
-0,083	0,323	-0,002	0,006	0,110	FALSE
-0,064	0,311	-0,001	0,006	0,081	FALSE
-0,084	0,315	-0,002	0,006	0,113	FALSE
-0,058	0,313	-0,001	0,009	0,062	FALSE
-0,013	0,300	-0,001	0,011	0,020	FALSE
-0,059	0,318	-0,002	0,011	0,054	FALSE
-0,049	0,305	-0,002	0,011	0,075	FALSE
-0,043	0,304	-0,001	0,008	0,057	FALSE
-0,022	0,310	-0,001	0,008	0,027	FALSE
-0,032	0,302	-0,001	0,009	0,053	FALSE
0,039	0,311	0,001	0,008	0,026	FALSE
-0,054	0,304	-0,002	0,007	0,092	FALSE
0,061	0,306	0,002	0,009	0,069	FALSE
0,166	0,306	0,004	0,008	0,189	FALSE
0,045	0,298	0,001	0,008	0,048	FALSE
0,108	0,301	0,006	0,012	0,200	FALSE
0,023	0,293	0,000	0,009	0,008	FALSE
0,001	0,312	-0,001	0,007	0,031	FALSE
0,053	0,301	0,002	0,008	0,073	FALSE
0,060	0,297	0,001	0,007	0,076	FALSE
0,068	0,314	0,002	0,007	0,106	FALSE
-0,036	0,309	-0,001	0,011	0,046	FALSE
0,128	0,308	0,004	0,011	0,156	FALSE
0,178	0,308	0,006	0,009	0,279	FALSE
0,009	0,310	0,000	0,007	0,003	FALSE
-0,085	0,325	-0,004	0,013	0,112	FALSE
0,071	0,301	0,002	0,011	0,061	FALSE
0,072	0,298	0,003	0,010	0,138	FALSE
0,017	0,311	0,000	0,007	0,002	FALSE
-0,007	0,301	-0,001	0,007	0,056	FALSE
-0,104	0,296	-0,003	0,007	0,145	FALSE
0,127	0,310	0,004	0,010	0,159	FALSE
0,092	0,312	0,002	0,008	0,118	FALSE
-0,055	0,306	-0,002	0,011	0,069	FALSE
-0,094	0,307	-0,003	0,009	0,114	FALSE
-0,015	0,305	0,000	0,008	0,008	FALSE
-0,030	0,310	-0,002	0,011	0,074	FALSE
0,115	0,312	0,003	0,009	0,141	FALSE
-0,019	0,315	0,000	0,007	0,004	FALSE
-0,009	0,304	0,000	0,009	0,003	FALSE
0,025	0,294	0,000	0,007	0,012	FALSE
0,099	0,306	0,004	0,012	0,146	FALSE
0,029	0,315	0,000	0,007	0,004	FALSE
-0,021	0,312	0,000	0,012	0,014	FALSE
-0,048	0,314	-0,002	0,012	0,066	FALSE
0,067	0,301	0,002	0,011	0,085	FALSE

-0,083	0,312	-0,003	0,012	0,103	FALSE
0,074	0,319	0,003	0,013	0,088	FALSE
0,095	0,309	0,002	0,006	0,141	FALSE
-0,032	0,306	-0,001	0,012	0,019	FALSE
0,012	0,301	0,000	0,006	0,011	FALSE
0,138	0,310	0,004	0,009	0,178	FALSE
-0,007	0,322	0,000	0,013	0,011	FALSE
0,015	0,318	0,000	0,013	0,011	FALSE
0,029	0,310	0,001	0,011	0,028	FALSE
0,064	0,294	0,002	0,012	0,061	FALSE
-0,129	0,312	-0,005	0,011	0,190	FALSE
-0,019	0,307	-0,001	0,008	0,048	FALSE
0,005	0,290	0,001	0,010	0,043	FALSE
-0,096	0,302	-0,004	0,011	0,144	FALSE
-0,059	0,314	-0,001	0,006	0,062	FALSE
-0,078	0,309	-0,002	0,009	0,086	FALSE
0,052	0,311	0,002	0,011	0,060	FALSE
0,032	0,312	0,000	0,012	0,000	FALSE
0,021	0,319	0,001	0,009	0,026	FALSE
-0,069	0,300	-0,003	0,007	0,136	FALSE
-0,049	0,308	-0,002	0,008	0,080	FALSE
-0,143	0,313	-0,006	0,012	0,212	FALSE
-0,017	0,303	-0,001	0,011	0,036	FALSE
-0,086	0,305	-0,002	0,008	0,083	FALSE
0,188	0,297	0,006	0,010	0,274	FALSE
-0,067	0,302	-0,002	0,012	0,073	FALSE
-0,076	0,315	-0,003	0,013	0,097	FALSE
-0,104	0,301	-0,004	0,011	0,162	FALSE
0,031	0,314	0,001	0,012	0,040	FALSE
-0,057	0,316	-0,003	0,012	0,104	FALSE
0,194	0,313	0,006	0,008	0,299	FALSE
-0,154	0,304	-0,004	0,008	0,208	FALSE
-0,066	0,315	-0,002	0,012	0,075	FALSE
-0,093	0,301	-0,003	0,010	0,100	FALSE
0,056	0,305	0,001	0,011	0,048	FALSE
-0,025	0,297	0,000	0,008	0,019	FALSE
0,018	0,313	-0,001	0,013	0,025	FALSE
0,033	0,298	0,002	0,009	0,100	FALSE
-0,004	0,309	0,000	0,006	0,004	FALSE
-0,003	0,307	0,000	0,007	0,003	FALSE
-0,084	0,313	-0,002	0,010	0,077	FALSE
0,040	0,291	0,002	0,008	0,080	FALSE
0,049	0,297	0,001	0,008	0,037	FALSE
0,108	0,303	0,004	0,011	0,164	FALSE
0,186	0,301	0,005	0,007	0,302	FALSE
0,075	0,303	0,002	0,008	0,112	FALSE
-0,131	0,305	-0,004	0,008	0,191	FALSE
0,001	0,310	0,001	0,010	0,020	FALSE
-0,033	0,312	-0,001	0,008	0,028	FALSE
-0,085	0,306	-0,004	0,011	0,123	FALSE
-0,105	0,306	-0,002	0,007	0,130	FALSE
-0,031	0,300	-0,001	0,009	0,038	FALSE
-0,053	0,314	-0,002	0,012	0,073	FALSE

-0,030	0,310	-0,001	0,009	0,048	FALSE
0,046	0,308	0,002	0,011	0,083	FALSE
-0,045	0,295	-0,002	0,008	0,081	FALSE
-0,028	0,304	-0,001	0,006	0,053	FALSE
0,013	0,301	0,000	0,007	0,013	FALSE
-0,040	0,311	-0,001	0,012	0,020	FALSE
0,006	0,310	0,000	0,009	0,001	FALSE
0,068	0,319	0,003	0,012	0,091	FALSE
0,055	0,314	0,001	0,007	0,031	FALSE
-0,167	0,316	-0,006	0,012	0,200	FALSE
-0,133	0,298	-0,004	0,009	0,156	FALSE
-0,135	0,301	-0,004	0,010	0,170	FALSE
-0,022	0,301	-0,001	0,007	0,041	FALSE
-0,193	0,304	-0,005	0,008	0,273	FALSE
0,136	0,296	0,003	0,007	0,185	FALSE
0,099	0,298	0,005	0,012	0,158	FALSE
0,154	0,307	0,007	0,012	0,240	FALSE
-0,067	0,297	-0,002	0,009	0,087	FALSE
0,074	0,303	0,003	0,010	0,101	FALSE
0,059	0,315	0,001	0,007	0,065	FALSE
-0,038	0,313	-0,003	0,012	0,086	FALSE
-0,068	0,307	-0,003	0,012	0,082	FALSE
0,126	0,309	0,005	0,013	0,152	FALSE
0,070	0,318	0,002	0,011	0,073	FALSE
0,019	0,297	0,001	0,010	0,018	FALSE
-0,056	0,307	-0,001	0,008	0,072	FALSE
0,142	0,303	0,003	0,007	0,192	FALSE
-0,019	0,310	0,000	0,008	0,015	FALSE
-0,143	0,291	-0,005	0,010	0,215	FALSE
0,092	0,305	0,004	0,012	0,141	FALSE
0,076	0,316	0,002	0,008	0,089	FALSE
-0,121	0,310	-0,004	0,010	0,166	FALSE
0,106	0,301	0,004	0,011	0,129	FALSE
0,028	0,294	0,000	0,009	0,013	FALSE
0,059	0,297	0,001	0,009	0,057	FALSE
0,023	0,307	0,000	0,009	0,013	FALSE
0,069	0,297	0,002	0,009	0,069	FALSE
0,019	0,314	0,001	0,007	0,030	FALSE
0,036	0,307	0,000	0,007	0,012	FALSE
0,072	0,314	0,002	0,013	0,070	FALSE
-0,040	0,309	-0,001	0,012	0,041	FALSE
0,005	0,306	0,001	0,011	0,044	FALSE
0,031	0,302	0,001	0,006	0,046	FALSE
0,118	0,312	0,004	0,008	0,205	FALSE
0,078	0,296	0,002	0,006	0,129	FALSE
0,020	0,313	0,001	0,009	0,032	FALSE
0,067	0,308	0,003	0,011	0,100	FALSE
-0,084	0,319	-0,003	0,010	0,110	FALSE
0,099	0,315	0,005	0,013	0,143	FALSE
-0,013	0,324	-0,002	0,013	0,043	FALSE
0,092	0,306	0,003	0,011	0,100	FALSE
-0,061	0,311	-0,003	0,009	0,115	FALSE
-0,026	0,308	0,000	0,009	0,004	FALSE

0,023	0,303	0,000	0,007	0,011	FALSE
0,067	0,302	0,001	0,006	0,058	FALSE
-0,163	0,307	-0,006	0,010	0,250	FALSE
-0,168	0,308	-0,004	0,008	0,230	FALSE
0,045	0,309	0,002	0,012	0,048	FALSE
0,122	0,314	0,004	0,012	0,142	FALSE
-0,009	0,304	-0,001	0,012	0,023	FALSE
-0,075	0,303	-0,003	0,010	0,097	FALSE
-0,034	0,306	-0,001	0,009	0,038	FALSE
-0,021	0,299	0,000	0,008	0,012	FALSE
-0,032	0,304	-0,001	0,009	0,039	FALSE
0,022	0,320	0,001	0,012	0,025	FALSE
-0,025	0,307	-0,001	0,007	0,032	FALSE
0,098	0,301	0,004	0,011	0,138	TRUE
0,015	0,304	0,000	0,012	0,010	FALSE
-0,034	0,318	-0,001	0,010	0,033	FALSE
-0,054	0,305	-0,002	0,010	0,071	FALSE
0,090	0,307	0,004	0,013	0,125	FALSE
0,094	0,298	0,004	0,012	0,142	FALSE
0,032	0,315	0,001	0,009	0,050	FALSE
0,015	0,318	0,001	0,007	0,032	FALSE
-0,051	0,308	-0,002	0,012	0,067	FALSE
0,030	0,295	0,001	0,009	0,032	FALSE
0,049	0,305	0,002	0,011	0,068	FALSE
0,091	0,296	0,004	0,010	0,148	FALSE
0,055	0,319	0,002	0,011	0,052	FALSE
0,077	0,311	0,002	0,011	0,080	FALSE
-0,033	0,313	-0,002	0,010	0,053	FALSE
-0,040	0,316	-0,002	0,011	0,063	FALSE
0,025	0,306	0,001	0,011	0,049	FALSE
-0,032	0,307	-0,001	0,010	0,047	FALSE
-0,009	0,307	-0,001	0,008	0,031	FALSE
0,005	0,315	0,000	0,007	0,019	FALSE
-0,070	0,299	-0,002	0,008	0,085	FALSE
-0,159	0,298	-0,004	0,007	0,220	FALSE
0,079	0,283	0,003	0,009	0,161	FALSE
-0,050	0,299	-0,001	0,007	0,035	FALSE
-0,074	0,298	-0,002	0,006	0,122	FALSE
0,040	0,295	0,002	0,006	0,100	FALSE
-0,055	0,303	-0,001	0,008	0,049	FALSE
-0,039	0,316	-0,002	0,013	0,049	FALSE
-0,016	0,312	-0,001	0,013	0,024	FALSE
-0,002	0,298	0,001	0,008	0,042	FALSE
0,014	0,291	0,000	0,006	0,014	FALSE
-0,015	0,303	0,000	0,011	0,010	FALSE
0,034	0,315	0,001	0,007	0,031	FALSE
0,093	0,302	0,002	0,007	0,109	FALSE
-0,140	0,297	-0,004	0,009	0,204	FALSE
-0,036	0,305	-0,001	0,006	0,072	FALSE
0,005	0,313	-0,001	0,006	0,028	FALSE
0,030	0,321	0,000	0,010	0,009	FALSE
0,025	0,312	0,001	0,010	0,025	FALSE
-0,021	0,316	0,000	0,006	0,008	FALSE

0,102	0,302	0,003	0,008	0,150	FALSE
0,056	0,295	0,001	0,010	0,053	FALSE
0,020	0,295	0,000	0,011	0,007	FALSE
-0,004	0,312	-0,001	0,012	0,036	FALSE
-0,131	0,312	-0,005	0,013	0,173	FALSE
0,198	0,281	0,008	0,012	0,307	FALSE
-0,005	0,312	0,000	0,010	0,010	FALSE
-0,177	0,290	-0,004	0,008	0,237	FALSE
-0,019	0,302	0,000	0,008	0,008	FALSE
0,094	0,293	0,002	0,006	0,150	FALSE
0,073	0,285	0,003	0,012	0,090	FALSE
0,091	0,300	0,002	0,006	0,133	FALSE
0,082	0,302	0,003	0,012	0,105	FALSE
0,069	0,302	0,003	0,012	0,097	FALSE
0,073	0,297	0,001	0,011	0,050	FALSE
0,012	0,309	0,001	0,007	0,033	FALSE
-0,013	0,317	0,000	0,007	0,008	FALSE
-0,056	0,319	-0,002	0,012	0,046	FALSE
0,043	0,308	0,001	0,009	0,043	FALSE
-0,121	0,315	-0,005	0,011	0,187	FALSE
0,078	0,307	0,003	0,012	0,110	FALSE
0,074	0,306	0,002	0,008	0,104	FALSE
0,023	0,306	0,000	0,008	0,007	FALSE
-0,073	0,283	-0,002	0,008	0,099	FALSE
0,132	0,286	0,005	0,012	0,191	FALSE
0,046	0,311	0,001	0,009	0,047	FALSE
0,088	0,316	0,004	0,012	0,126	FALSE
-0,062	0,302	-0,001	0,007	0,070	FALSE
0,023	0,310	0,000	0,008	0,008	FALSE
0,013	0,309	0,001	0,012	0,018	FALSE
-0,073	0,317	-0,002	0,012	0,078	FALSE
-0,048	0,327	-0,002	0,012	0,054	FALSE
-0,055	0,309	-0,001	0,007	0,039	FALSE
-0,050	0,317	-0,002	0,011	0,072	FALSE
0,119	0,300	0,004	0,012	0,154	FALSE
0,001	0,306	0,000	0,011	0,009	FALSE
0,075	0,297	0,003	0,012	0,085	FALSE
-0,044	0,309	-0,001	0,011	0,040	FALSE
-0,093	0,305	-0,003	0,012	0,112	FALSE
-0,074	0,309	-0,002	0,009	0,111	FALSE
0,072	0,295	0,003	0,009	0,126	FALSE
-0,057	0,306	-0,002	0,008	0,091	FALSE
-0,060	0,317	-0,002	0,008	0,079	FALSE
0,036	0,320	0,001	0,007	0,040	FALSE
0,018	0,302	0,001	0,006	0,036	FALSE
0,036	0,317	0,001	0,007	0,061	FALSE
0,011	0,304	0,000	0,006	0,018	FALSE
0,178	0,283	0,007	0,011	0,257	FALSE
-0,118	0,310	-0,004	0,012	0,149	FALSE
-0,039	0,315	-0,001	0,011	0,036	FALSE
-0,067	0,306	-0,002	0,013	0,058	FALSE
0,022	0,298	0,001	0,011	0,048	FALSE
0,055	0,306	0,002	0,011	0,072	FALSE

-0,084	0,301	-0,003	0,010	0,120	FALSE
-0,060	0,297	-0,003	0,012	0,084	FALSE
-0,083	0,324	-0,003	0,010	0,105	FALSE
0,003	0,310	0,000	0,013	0,010	FALSE
-0,014	0,317	0,000	0,008	0,010	FALSE
-0,097	0,303	-0,002	0,007	0,119	FALSE
-0,031	0,306	-0,001	0,009	0,024	FALSE
0,064	0,282	0,002	0,007	0,084	FALSE
0,106	0,304	0,002	0,007	0,116	FALSE
0,073	0,305	0,002	0,009	0,083	FALSE
-0,003	0,314	0,000	0,008	0,006	FALSE
0,137	0,321	0,004	0,010	0,174	FALSE
0,028	0,311	0,001	0,006	0,061	FALSE
0,017	0,311	0,000	0,006	0,015	FALSE
0,027	0,306	0,001	0,009	0,033	FALSE
-0,039	0,317	-0,001	0,008	0,043	FALSE
-0,034	0,318	0,000	0,007	0,007	FALSE
-0,013	0,294	-0,001	0,009	0,028	FALSE
0,029	0,308	0,001	0,010	0,027	FALSE
0,103	0,299	0,003	0,012	0,107	FALSE
-0,039	0,305	-0,003	0,012	0,090	FALSE
-0,074	0,302	-0,004	0,012	0,135	FALSE
-0,041	0,289	-0,002	0,009	0,081	FALSE
0,015	0,308	-0,001	0,008	0,039	FALSE
0,083	0,300	0,002	0,008	0,106	FALSE
-0,062	0,291	-0,001	0,007	0,065	FALSE
0,020	0,303	0,001	0,011	0,036	FALSE
0,216	0,298	0,006	0,010	0,283	FALSE
0,022	0,294	0,001	0,007	0,035	FALSE
0,134	0,289	0,005	0,012	0,185	FALSE
0,134	0,320	0,003	0,007	0,176	FALSE
0,103	0,297	0,004	0,010	0,154	FALSE
0,152	0,296	0,003	0,007	0,187	FALSE
-0,007	0,309	-0,001	0,012	0,018	FALSE
0,035	0,307	0,002	0,011	0,063	FALSE
-0,010	0,313	-0,001	0,011	0,020	FALSE
-0,006	0,302	0,000	0,011	0,012	FALSE
0,049	0,310	0,002	0,011	0,075	FALSE
-0,002	0,309	0,000	0,010	0,008	FALSE
0,079	0,290	0,002	0,009	0,069	FALSE
-0,190	0,284	-0,006	0,009	0,316	FALSE
-0,107	0,314	-0,003	0,009	0,139	FALSE
0,029	0,310	0,001	0,007	0,037	FALSE
-0,089	0,309	-0,003	0,009	0,124	FALSE
0,111	0,296	0,002	0,008	0,118	FALSE
0,031	0,294	0,001	0,009	0,034	FALSE
-0,019	0,319	-0,001	0,011	0,018	FALSE
0,067	0,323	0,002	0,010	0,080	FALSE
0,064	0,301	0,002	0,010	0,079	FALSE
-0,046	0,316	-0,001	0,012	0,037	FALSE
0,034	0,307	0,002	0,013	0,069	FALSE
0,050	0,305	0,001	0,006	0,037	FALSE
-0,083	0,313	-0,002	0,007	0,124	FALSE

0,036	0,308	0,000	0,012	0,012	FALSE
-0,190	0,312	-0,007	0,011	0,276	FALSE
-0,151	0,325	-0,006	0,012	0,206	TRUE
0,012	0,316	0,000	0,008	0,012	FALSE
0,036	0,298	0,001	0,007	0,078	FALSE
-0,031	0,314	-0,002	0,010	0,065	FALSE
0,153	0,289	0,004	0,007	0,273	FALSE
0,089	0,306	0,001	0,007	0,072	FALSE
-0,130	0,306	-0,004	0,010	0,162	FALSE
-0,207	0,301	-0,009	0,012	0,335	FALSE
-0,004	0,311	0,000	0,010	0,016	FALSE
-0,062	0,297	-0,002	0,007	0,083	FALSE
0,048	0,311	0,001	0,008	0,066	FALSE
0,029	0,291	0,001	0,012	0,029	FALSE
-0,044	0,317	-0,001	0,007	0,039	FALSE
0,094	0,317	0,004	0,013	0,117	FALSE
-0,021	0,313	-0,001	0,012	0,030	FALSE
0,089	0,321	0,004	0,013	0,105	FALSE
0,186	0,294	0,005	0,009	0,270	FALSE
0,029	0,299	0,001	0,006	0,063	FALSE
-0,079	0,290	-0,002	0,007	0,083	FALSE
0,039	0,309	0,001	0,007	0,043	FALSE
0,059	0,309	0,003	0,012	0,085	FALSE
0,137	0,303	0,005	0,012	0,167	FALSE
0,215	0,294	0,006	0,009	0,308	FALSE
-0,108	0,300	-0,005	0,012	0,167	FALSE
-0,105	0,317	-0,004	0,013	0,129	FALSE
0,017	0,302	0,001	0,010	0,029	FALSE
-0,038	0,313	-0,002	0,011	0,054	FALSE
-0,025	0,300	-0,001	0,009	0,033	FALSE
-0,101	0,315	-0,005	0,010	0,182	FALSE
-0,070	0,301	-0,002	0,007	0,108	FALSE
0,094	0,312	0,003	0,008	0,146	FALSE
0,009	0,303	0,000	0,009	0,005	FALSE
-0,025	0,312	-0,001	0,009	0,050	FALSE
0,023	0,315	0,001	0,010	0,042	FALSE
0,036	0,294	0,002	0,008	0,072	FALSE
0,011	0,296	0,001	0,008	0,024	FALSE
0,010	0,304	0,000	0,007	0,017	FALSE
0,038	0,305	0,001	0,008	0,057	FALSE
-0,043	0,298	-0,001	0,007	0,042	FALSE
0,023	0,302	0,001	0,009	0,031	FALSE
0,117	0,293	0,005	0,012	0,173	FALSE
0,077	0,311	0,002	0,009	0,096	FALSE
-0,154	0,305	-0,003	0,007	0,198	FALSE
0,098	0,302	0,003	0,011	0,128	FALSE
0,030	0,299	0,002	0,009	0,070	FALSE
-0,103	0,315	-0,002	0,007	0,140	FALSE
-0,025	0,313	-0,001	0,011	0,040	FALSE
0,158	0,285	0,003	0,006	0,210	FALSE
-0,006	0,289	0,000	0,011	0,011	FALSE
-0,107	0,301	-0,004	0,012	0,125	FALSE
-0,083	0,305	-0,002	0,008	0,096	FALSE

-0,014	0,299	0,000	0,011	0,004	FALSE
-0,060	0,299	-0,002	0,012	0,057	FALSE
-0,080	0,310	-0,002	0,007	0,084	FALSE
-0,107	0,296	-0,002	0,006	0,126	FALSE
-0,096	0,306	-0,002	0,006	0,117	FALSE
0,026	0,304	0,000	0,007	0,010	FALSE
0,074	0,315	0,003	0,012	0,078	FALSE
0,080	0,311	0,003	0,013	0,094	FALSE
-0,106	0,310	-0,005	0,012	0,149	FALSE
-0,168	0,296	-0,003	0,006	0,220	FALSE
-0,021	0,306	-0,001	0,007	0,040	FALSE
0,071	0,308	0,002	0,008	0,104	FALSE
-0,072	0,317	-0,002	0,010	0,087	FALSE
0,063	0,313	0,002	0,008	0,095	FALSE
0,010	0,315	0,001	0,008	0,026	FALSE
0,007	0,321	0,000	0,009	0,016	FALSE
-0,079	0,317	-0,003	0,010	0,113	FALSE
0,019	0,296	0,000	0,006	0,005	FALSE
0,069	0,300	0,003	0,012	0,082	FALSE
0,093	0,304	0,003	0,006	0,169	FALSE
-0,059	0,305	-0,001	0,008	0,058	FALSE
0,097	0,298	0,003	0,007	0,167	FALSE
0,093	0,314	0,002	0,007	0,114	FALSE
0,117	0,302	0,002	0,009	0,107	FALSE
-0,011	0,310	0,000	0,007	0,012	FALSE
0,076	0,291	0,004	0,012	0,144	FALSE
0,029	0,310	0,000	0,007	0,025	FALSE
-0,001	0,312	0,000	0,008	0,006	FALSE
0,075	0,308	0,003	0,011	0,115	FALSE
0,097	0,299	0,005	0,012	0,156	FALSE
0,007	0,306	0,000	0,009	0,015	FALSE
-0,009	0,305	0,000	0,008	0,008	FALSE
-0,054	0,299	-0,001	0,006	0,063	FALSE
-0,080	0,306	-0,001	0,006	0,074	FALSE
-0,064	0,306	-0,001	0,006	0,051	FALSE
-0,186	0,300	-0,009	0,013	0,306	FALSE
-0,084	0,310	-0,002	0,009	0,089	FALSE
0,024	0,302	0,001	0,007	0,041	FALSE
0,003	0,309	-0,001	0,011	0,021	FALSE
0,038	0,303	0,001	0,009	0,045	FALSE
0,057	0,311	0,002	0,011	0,069	FALSE
-0,080	0,325	-0,004	0,013	0,107	FALSE
0,034	0,306	0,001	0,008	0,042	FALSE
0,128	0,316	0,005	0,012	0,183	FALSE
-0,017	0,302	0,000	0,006	0,006	FALSE
0,030	0,302	0,001	0,008	0,056	FALSE
-0,032	0,307	0,000	0,006	0,023	FALSE
-0,065	0,315	-0,001	0,007	0,081	FALSE
0,077	0,298	0,003	0,011	0,098	FALSE
-0,141	0,301	-0,005	0,013	0,166	FALSE
0,019	0,311	0,001	0,009	0,055	FALSE
0,026	0,307	0,001	0,007	0,037	FALSE
-0,111	0,303	-0,003	0,007	0,170	FALSE

0,040	0,301	0,001	0,011	0,046	FALSE
0,108	0,310	0,004	0,011	0,142	FALSE
-0,152	0,312	-0,006	0,013	0,194	FALSE
0,016	0,303	-0,001	0,009	0,022	FALSE
-0,054	0,300	-0,002	0,008	0,088	FALSE
-0,078	0,310	-0,002	0,008	0,099	FALSE
-0,036	0,319	0,000	0,007	0,023	FALSE
-0,100	0,296	-0,003	0,010	0,123	FALSE
-0,095	0,303	-0,003	0,011	0,118	FALSE
-0,086	0,308	-0,002	0,007	0,123	FALSE
-0,027	0,303	0,000	0,007	0,020	FALSE
0,041	0,309	0,002	0,009	0,068	FALSE
-0,081	0,321	-0,003	0,007	0,140	FALSE
-0,051	0,296	-0,001	0,007	0,059	FALSE
-0,017	0,299	0,000	0,011	0,000	FALSE
0,131	0,308	0,004	0,008	0,187	FALSE
-0,102	0,304	-0,002	0,006	0,117	FALSE
-0,065	0,308	-0,002	0,010	0,064	FALSE
0,070	0,294	0,002	0,011	0,062	FALSE
-0,038	0,325	-0,001	0,009	0,047	FALSE
-0,090	0,307	-0,003	0,011	0,108	FALSE
0,009	0,322	0,000	0,009	0,014	FALSE
0,002	0,305	0,000	0,007	0,014	FALSE
0,128	0,288	0,002	0,008	0,128	FALSE
0,045	0,317	0,001	0,010	0,030	FALSE
0,045	0,306	0,001	0,012	0,025	FALSE
0,074	0,311	0,002	0,008	0,090	FALSE
0,043	0,322	0,000	0,007	0,026	FALSE
-0,005	0,313	-0,001	0,010	0,032	FALSE
0,005	0,312	0,000	0,010	0,013	FALSE
-0,057	0,293	-0,001	0,008	0,057	FALSE
-0,002	0,295	0,000	0,012	0,007	FALSE
-0,108	0,308	-0,005	0,012	0,147	FALSE
-0,049	0,307	-0,002	0,009	0,071	FALSE
0,051	0,301	0,001	0,006	0,069	FALSE
0,023	0,323	0,001	0,009	0,030	FALSE
-0,056	0,305	-0,001	0,007	0,037	FALSE
-0,046	0,305	-0,001	0,007	0,058	FALSE
0,104	0,307	0,002	0,006	0,148	FALSE
0,039	0,301	0,000	0,012	0,009	FALSE
0,105	0,304	0,002	0,007	0,115	FALSE
-0,079	0,304	-0,003	0,012	0,109	FALSE
-0,020	0,309	-0,001	0,007	0,057	FALSE
-0,020	0,324	-0,001	0,008	0,055	FALSE
0,055	0,310	0,002	0,009	0,076	FALSE
-0,051	0,294	-0,001	0,008	0,055	FALSE
-0,020	0,310	0,000	0,008	0,013	FALSE
-0,029	0,312	0,000	0,007	0,007	FALSE
-0,059	0,309	-0,001	0,010	0,048	FALSE
0,029	0,311	0,001	0,012	0,039	FALSE
0,103	0,301	0,003	0,007	0,160	FALSE
-0,083	0,306	-0,002	0,010	0,088	FALSE
0,018	0,309	0,001	0,012	0,024	FALSE

-0,012	0,322	0,000	0,007	0,006	FALSE
-0,146	0,294	-0,006	0,012	0,227	FALSE
0,080	0,303	0,004	0,012	0,118	FALSE
-0,050	0,322	-0,001	0,011	0,040	FALSE
0,101	0,321	0,003	0,012	0,114	FALSE
0,025	0,306	0,001	0,009	0,026	FALSE
0,002	0,304	0,000	0,007	0,020	FALSE
-0,027	0,293	-0,001	0,008	0,046	FALSE
-0,095	0,305	-0,003	0,009	0,144	FALSE
-0,027	0,295	-0,001	0,012	0,041	FALSE
-0,036	0,302	-0,002	0,009	0,060	FALSE
-0,068	0,311	-0,002	0,010	0,067	FALSE
-0,069	0,305	-0,003	0,012	0,100	FALSE
0,047	0,317	0,002	0,007	0,092	FALSE
-0,056	0,317	-0,003	0,012	0,079	FALSE
-0,187	0,292	-0,008	0,012	0,285	FALSE
0,083	0,284	0,003	0,009	0,159	FALSE
0,071	0,283	0,003	0,008	0,139	FALSE
0,000	0,309	0,000	0,006	0,014	FALSE
0,056	0,312	0,001	0,007	0,059	FALSE
0,034	0,311	0,002	0,013	0,052	FALSE
0,005	0,312	0,000	0,010	0,004	FALSE
-0,129	0,299	-0,006	0,012	0,191	FALSE
-0,014	0,295	0,000	0,007	0,005	FALSE
-0,090	0,303	-0,002	0,007	0,077	FALSE
0,117	0,304	0,005	0,013	0,171	FALSE
0,136	0,310	0,006	0,013	0,183	FALSE
0,019	0,310	0,000	0,013	0,000	FALSE
0,079	0,311	0,003	0,010	0,103	FALSE
-0,022	0,300	-0,002	0,011	0,051	FALSE
-0,047	0,307	-0,001	0,006	0,047	FALSE
0,014	0,310	0,000	0,010	0,001	FALSE
-0,038	0,295	-0,001	0,007	0,059	FALSE
-0,165	0,301	-0,003	0,006	0,225	FALSE
-0,061	0,317	-0,002	0,011	0,067	FALSE
-0,102	0,308	-0,004	0,011	0,122	FALSE
0,112	0,303	0,002	0,007	0,135	FALSE
0,000	0,304	0,000	0,006	0,028	FALSE
-0,103	0,315	-0,003	0,007	0,154	FALSE
0,058	0,324	0,001	0,008	0,058	FALSE
-0,006	0,306	0,000	0,008	0,013	FALSE
0,009	0,308	0,000	0,008	0,020	FALSE
-0,104	0,296	-0,003	0,007	0,157	FALSE
-0,078	0,312	-0,002	0,008	0,095	FALSE
-0,043	0,317	-0,002	0,009	0,082	FALSE
-0,002	0,315	0,000	0,009	0,006	FALSE
0,037	0,297	0,002	0,008	0,074	FALSE
0,019	0,303	0,000	0,007	0,007	FALSE
0,067	0,312	0,003	0,013	0,106	FALSE
0,253	0,282	0,007	0,007	0,434	FALSE
-0,011	0,323	0,000	0,008	0,011	FALSE
-0,038	0,300	-0,001	0,012	0,032	FALSE
0,043	0,317	0,001	0,008	0,037	FALSE

0,031	0,306	0,001	0,009	0,036	FALSE
-0,024	0,296	-0,001	0,008	0,034	FALSE
-0,049	0,315	-0,001	0,006	0,066	FALSE
0,060	0,300	0,001	0,007	0,063	FALSE
-0,073	0,301	-0,001	0,008	0,054	FALSE
0,030	0,296	0,001	0,008	0,069	FALSE
0,092	0,299	0,003	0,007	0,172	FALSE
-0,085	0,319	-0,003	0,012	0,115	FALSE
-0,080	0,314	-0,003	0,012	0,092	FALSE
0,096	0,303	0,003	0,012	0,101	FALSE
-0,024	0,304	-0,001	0,011	0,042	FALSE
0,044	0,306	0,001	0,009	0,046	FALSE
-0,020	0,301	-0,001	0,009	0,025	FALSE
-0,016	0,310	-0,001	0,010	0,026	FALSE
-0,027	0,312	-0,001	0,010	0,051	FALSE
-0,025	0,313	-0,001	0,007	0,050	FALSE
-0,016	0,309	-0,001	0,007	0,050	FALSE
-0,076	0,316	-0,002	0,008	0,085	FALSE
-0,071	0,318	-0,003	0,013	0,098	FALSE
0,008	0,301	0,000	0,011	0,000	FALSE
0,009	0,309	0,000	0,007	0,006	FALSE
0,073	0,287	0,002	0,007	0,114	FALSE
-0,075	0,305	-0,003	0,011	0,111	FALSE
0,137	0,316	0,005	0,010	0,221	FALSE
0,016	0,312	0,002	0,012	0,050	FALSE
-0,016	0,306	-0,001	0,009	0,034	FALSE
-0,002	0,306	-0,001	0,008	0,024	FALSE
-0,092	0,309	-0,004	0,013	0,110	FALSE
0,015	0,305	0,001	0,008	0,033	FALSE
0,131	0,292	0,005	0,011	0,194	FALSE
0,021	0,323	0,000	0,009	0,019	FALSE
0,036	0,311	0,001	0,011	0,043	FALSE
0,029	0,308	0,001	0,008	0,027	FALSE
0,054	0,311	0,001	0,008	0,065	FALSE
-0,143	0,284	-0,003	0,006	0,162	FALSE
0,011	0,307	0,000	0,006	0,002	FALSE
0,046	0,319	0,002	0,012	0,062	FALSE
0,066	0,310	0,002	0,008	0,074	FALSE
0,120	0,315	0,003	0,010	0,139	FALSE
-0,028	0,311	0,000	0,008	0,012	FALSE
0,037	0,303	0,001	0,012	0,044	FALSE
-0,050	0,317	-0,001	0,012	0,041	FALSE
0,082	0,307	0,002	0,007	0,102	FALSE
0,007	0,306	0,000	0,008	0,018	FALSE
-0,044	0,312	-0,002	0,013	0,062	FALSE
0,068	0,305	0,002	0,009	0,099	FALSE
0,145	0,298	0,006	0,010	0,273	FALSE
0,056	0,311	0,001	0,009	0,030	FALSE
-0,043	0,319	-0,001	0,007	0,026	FALSE
-0,013	0,312	0,000	0,007	0,002	FALSE
0,070	0,308	0,002	0,009	0,107	FALSE
-0,003	0,304	0,000	0,008	0,003	FALSE
-0,004	0,309	0,000	0,009	0,000	FALSE

0,006	0,301	0,000	0,008	0,010	FALSE
0,021	0,317	0,001	0,009	0,027	FALSE
0,004	0,309	-0,001	0,011	0,032	FALSE
0,047	0,300	0,001	0,008	0,063	FALSE
-0,023	0,293	-0,001	0,007	0,039	FALSE
0,107	0,300	0,004	0,012	0,150	FALSE
0,091	0,314	0,004	0,012	0,150	FALSE
-0,171	0,310	-0,004	0,008	0,234	FALSE
0,030	0,314	0,000	0,009	0,015	FALSE
-0,173	0,294	-0,007	0,010	0,291	FALSE
-0,038	0,315	-0,001	0,009	0,043	FALSE
-0,039	0,311	-0,001	0,009	0,035	FALSE
-0,057	0,301	-0,002	0,008	0,093	FALSE
0,027	0,304	0,000	0,008	0,017	FALSE
-0,130	0,312	-0,006	0,012	0,195	FALSE
-0,060	0,307	-0,002	0,012	0,066	FALSE
-0,065	0,302	-0,003	0,009	0,113	FALSE
0,080	0,301	0,002	0,010	0,095	FALSE
-0,146	0,306	-0,004	0,008	0,203	FALSE
-0,168	0,288	-0,004	0,007	0,255	FALSE
0,138	0,300	0,003	0,007	0,177	FALSE
-0,154	0,310	-0,006	0,011	0,222	FALSE
-0,085	0,318	-0,003	0,011	0,118	FALSE
-0,140	0,311	-0,006	0,012	0,199	FALSE
-0,097	0,296	-0,004	0,011	0,151	FALSE
-0,127	0,294	-0,002	0,007	0,134	FALSE
-0,072	0,303	-0,002	0,010	0,087	FALSE
0,071	0,299	0,001	0,009	0,057	FALSE
-0,027	0,320	-0,001	0,011	0,045	FALSE
-0,066	0,293	-0,001	0,008	0,065	FALSE
0,109	0,307	0,004	0,012	0,126	FALSE
0,085	0,297	0,002	0,010	0,080	FALSE
-0,119	0,298	-0,003	0,008	0,137	FALSE
0,099	0,321	0,003	0,013	0,101	FALSE
0,044	0,292	0,000	0,009	0,016	FALSE
0,069	0,311	0,001	0,008	0,063	FALSE
-0,148	0,314	-0,003	0,007	0,199	FALSE
0,030	0,312	0,001	0,008	0,034	FALSE
-0,057	0,307	-0,001	0,007	0,057	FALSE
0,008	0,288	0,000	0,010	0,006	FALSE
-0,084	0,311	-0,003	0,010	0,103	FALSE
-0,101	0,329	-0,004	0,009	0,157	FALSE
-0,201	0,302	-0,007	0,011	0,308	FALSE
-0,212	0,300	-0,008	0,010	0,335	FALSE
0,191	0,293	0,008	0,012	0,278	FALSE
0,117	0,299	0,003	0,007	0,165	FALSE
0,016	0,308	0,001	0,007	0,077	FALSE
-0,012	0,312	0,000	0,009	0,015	FALSE
0,044	0,317	0,001	0,013	0,037	FALSE
-0,095	0,295	-0,003	0,011	0,107	FALSE
-0,133	0,308	-0,004	0,011	0,160	FALSE
-0,085	0,306	-0,003	0,007	0,137	FALSE
-0,098	0,305	-0,004	0,012	0,138	FALSE

0,004	0,302	0,000	0,009	0,009	FALSE
-0,002	0,300	0,000	0,010	0,006	FALSE
-0,003	0,301	0,000	0,008	0,001	FALSE
-0,124	0,298	-0,004	0,012	0,146	FALSE
-0,054	0,305	-0,002	0,012	0,070	FALSE
-0,125	0,313	-0,004	0,011	0,159	FALSE
-0,062	0,307	-0,002	0,012	0,073	FALSE
-0,049	0,313	-0,001	0,007	0,065	FALSE
-0,055	0,312	-0,002	0,010	0,055	FALSE
-0,129	0,292	-0,004	0,011	0,171	FALSE
0,082	0,297	0,003	0,011	0,106	FALSE
-0,115	0,304	-0,004	0,011	0,167	FALSE
0,011	0,301	0,000	0,007	0,024	FALSE
-0,030	0,297	0,000	0,007	0,024	FALSE
0,116	0,300	0,004	0,011	0,129	FALSE
-0,007	0,307	-0,002	0,012	0,053	FALSE
0,079	0,288	0,004	0,010	0,175	FALSE
0,061	0,298	0,004	0,011	0,143	FALSE
0,054	0,315	0,001	0,011	0,048	FALSE
0,142	0,290	0,004	0,007	0,217	FALSE
0,072	0,315	0,002	0,010	0,075	FALSE
-0,002	0,307	0,000	0,008	0,003	FALSE
-0,138	0,303	-0,003	0,007	0,161	FALSE
-0,082	0,311	-0,001	0,008	0,068	FALSE
-0,128	0,295	-0,003	0,007	0,150	FALSE
0,073	0,313	0,003	0,011	0,091	FALSE
-0,005	0,311	0,000	0,008	0,001	FALSE
-0,059	0,300	-0,002	0,012	0,055	FALSE
0,026	0,309	0,001	0,007	0,048	FALSE
0,067	0,307	0,003	0,011	0,100	FALSE
0,089	0,291	0,003	0,010	0,128	FALSE
0,117	0,310	0,005	0,010	0,192	FALSE
0,111	0,282	0,004	0,009	0,169	FALSE
0,041	0,308	0,001	0,008	0,064	FALSE
-0,019	0,317	-0,001	0,012	0,016	FALSE
0,078	0,312	0,001	0,007	0,067	FALSE
-0,102	0,303	-0,003	0,012	0,100	FALSE
0,014	0,307	0,000	0,007	0,023	FALSE
-0,087	0,318	-0,003	0,013	0,102	FALSE
-0,011	0,301	0,000	0,008	0,004	FALSE
-0,043	0,299	-0,002	0,011	0,069	FALSE
-0,047	0,302	-0,002	0,011	0,083	FALSE
-0,013	0,287	-0,001	0,012	0,042	FALSE
0,031	0,317	0,001	0,008	0,046	FALSE
-0,024	0,291	-0,001	0,009	0,053	FALSE
0,185	0,298	0,006	0,010	0,255	FALSE
-0,037	0,322	-0,002	0,012	0,063	FALSE
-0,083	0,297	-0,002	0,010	0,073	FALSE
-0,081	0,307	-0,002	0,010	0,061	FALSE
0,080	0,303	0,003	0,010	0,100	FALSE
-0,048	0,308	-0,001	0,008	0,064	FALSE
0,131	0,315	0,005	0,013	0,175	FALSE
-0,056	0,300	-0,003	0,012	0,090	FALSE

0,051	0,301	0,001	0,009	0,042	FALSE
0,017	0,318	0,001	0,010	0,028	FALSE
0,090	0,298	0,003	0,009	0,147	FALSE
-0,125	0,294	-0,003	0,009	0,148	FALSE
-0,119	0,305	-0,003	0,008	0,169	FALSE
-0,197	0,301	-0,007	0,010	0,302	FALSE
-0,047	0,310	-0,002	0,012	0,060	FALSE
-0,052	0,306	-0,002	0,010	0,058	FALSE
-0,042	0,303	-0,001	0,006	0,052	FALSE
0,051	0,306	0,001	0,007	0,066	FALSE
0,012	0,307	0,000	0,008	0,012	FALSE
0,054	0,316	0,001	0,009	0,054	FALSE
0,058	0,313	0,001	0,009	0,047	FALSE
0,022	0,308	0,001	0,007	0,043	FALSE
-0,039	0,299	-0,001	0,007	0,067	FALSE
-0,033	0,312	-0,002	0,011	0,061	FALSE
0,054	0,309	0,001	0,006	0,072	FALSE
0,109	0,301	0,004	0,012	0,120	FALSE
0,031	0,297	0,001	0,009	0,047	FALSE
0,119	0,300	0,003	0,011	0,126	FALSE
-0,071	0,310	-0,003	0,010	0,130	FALSE
0,017	0,296	0,000	0,006	0,014	FALSE
0,024	0,313	0,001	0,007	0,040	FALSE
-0,028	0,308	0,000	0,012	0,008	FALSE
-0,063	0,296	-0,002	0,010	0,081	FALSE
-0,040	0,312	-0,001	0,008	0,061	FALSE
-0,024	0,314	-0,001	0,012	0,030	FALSE
-0,003	0,304	0,000	0,010	0,002	FALSE
-0,071	0,294	-0,002	0,007	0,104	FALSE
0,030	0,302	0,002	0,008	0,070	FALSE
-0,079	0,300	-0,002	0,006	0,105	FALSE
-0,063	0,308	-0,002	0,011	0,082	FALSE
0,117	0,309	0,004	0,008	0,184	FALSE
-0,176	0,293	-0,008	0,011	0,342	FALSE
-0,055	0,299	-0,002	0,010	0,078	FALSE
0,233	0,289	0,010	0,011	0,441	FALSE
-0,089	0,296	-0,004	0,011	0,139	FALSE
0,236	0,276	0,008	0,008	0,460	FALSE
-0,058	0,316	-0,002	0,007	0,076	FALSE
-0,100	0,305	-0,002	0,007	0,108	FALSE
-0,123	0,308	-0,003	0,010	0,136	FALSE
-0,074	0,320	-0,002	0,010	0,088	FALSE
-0,024	0,330	-0,001	0,011	0,027	FALSE
0,150	0,300	0,003	0,006	0,236	FALSE
-0,031	0,309	-0,001	0,007	0,040	FALSE
-0,035	0,310	-0,001	0,007	0,044	FALSE
0,096	0,308	0,003	0,012	0,092	FALSE
-0,051	0,311	-0,002	0,006	0,092	FALSE
-0,064	0,310	-0,002	0,008	0,100	FALSE
0,079	0,300	0,004	0,012	0,129	FALSE
-0,039	0,312	-0,001	0,012	0,032	FALSE
0,087	0,309	0,003	0,009	0,112	FALSE
0,051	0,298	0,002	0,008	0,101	FALSE

0,026	0,303	0,001	0,010	0,018	FALSE
0,086	0,310	0,002	0,011	0,078	FALSE
-0,047	0,306	0,000	0,011	0,012	FALSE
0,066	0,308	0,002	0,009	0,077	FALSE
0,058	0,311	0,002	0,007	0,112	FALSE
-0,024	0,321	-0,001	0,011	0,043	FALSE
-0,108	0,320	-0,003	0,008	0,158	FALSE
-0,083	0,308	-0,003	0,008	0,141	FALSE
0,065	0,312	0,002	0,010	0,058	FALSE
-0,045	0,318	-0,002	0,012	0,062	FALSE
0,091	0,314	0,003	0,012	0,091	FALSE
0,051	0,306	0,001	0,007	0,035	FALSE
-0,018	0,303	0,000	0,009	0,015	FALSE
0,092	0,298	0,002	0,006	0,129	FALSE
-0,019	0,308	0,000	0,010	0,016	FALSE
-0,005	0,308	-0,001	0,007	0,034	FALSE
-0,136	0,309	-0,003	0,007	0,161	FALSE
0,035	0,312	0,001	0,009	0,053	FALSE
-0,033	0,316	0,000	0,008	0,014	FALSE
0,112	0,308	0,003	0,009	0,150	FALSE
0,103	0,312	0,003	0,009	0,126	FALSE
-0,181	0,306	-0,006	0,009	0,270	FALSE
0,076	0,316	0,001	0,007	0,041	FALSE
0,015	0,279	0,000	0,006	0,025	FALSE
-0,051	0,320	-0,002	0,012	0,056	FALSE
0,006	0,319	0,001	0,009	0,032	FALSE
0,054	0,309	0,002	0,010	0,096	FALSE
0,024	0,304	0,001	0,011	0,047	FALSE
0,072	0,306	0,002	0,012	0,073	FALSE
0,044	0,310	0,001	0,013	0,032	FALSE
0,002	0,319	0,001	0,011	0,019	FALSE
-0,084	0,302	-0,003	0,011	0,117	FALSE
0,059	0,297	0,001	0,008	0,050	FALSE
-0,105	0,296	-0,004	0,011	0,140	FALSE
0,025	0,284	0,002	0,010	0,057	FALSE
0,006	0,298	0,001	0,012	0,023	FALSE
0,136	0,303	0,003	0,008	0,169	FALSE
0,037	0,311	0,002	0,013	0,069	FALSE
-0,096	0,308	-0,002	0,007	0,120	FALSE
0,094	0,290	0,004	0,009	0,189	FALSE
-0,026	0,315	-0,002	0,012	0,051	FALSE
-0,044	0,304	-0,002	0,009	0,080	FALSE
0,115	0,281	0,004	0,010	0,165	FALSE
0,067	0,299	0,002	0,008	0,119	FALSE
0,098	0,308	0,002	0,006	0,130	FALSE
0,042	0,305	0,002	0,009	0,092	FALSE
-0,054	0,304	-0,003	0,012	0,078	FALSE
0,026	0,307	0,001	0,009	0,033	FALSE
0,130	0,300	0,002	0,007	0,151	FALSE
-0,168	0,317	-0,004	0,007	0,225	FALSE
0,039	0,304	0,000	0,006	0,020	FALSE
0,021	0,298	0,001	0,009	0,021	FALSE
-0,129	0,307	-0,005	0,011	0,174	FALSE

0,042	0,306	0,001	0,007	0,055	FALSE
0,027	0,313	0,000	0,009	0,000	FALSE
-0,061	0,299	-0,004	0,011	0,158	FALSE
0,012	0,307	0,000	0,013	0,010	FALSE
-0,104	0,300	-0,003	0,009	0,134	FALSE
-0,007	0,304	-0,001	0,012	0,034	FALSE
0,106	0,302	0,004	0,010	0,146	FALSE
0,103	0,306	0,003	0,010	0,100	FALSE
0,005	0,313	-0,001	0,012	0,025	FALSE
0,130	0,305	0,005	0,010	0,195	FALSE
-0,004	0,319	0,000	0,010	0,004	FALSE
-0,113	0,302	-0,004	0,011	0,136	FALSE
0,059	0,309	0,001	0,010	0,053	FALSE
-0,005	0,302	0,000	0,008	0,017	FALSE
-0,073	0,296	-0,002	0,008	0,096	FALSE
-0,064	0,308	-0,001	0,006	0,069	FALSE
-0,072	0,301	-0,001	0,007	0,080	FALSE
-0,133	0,306	-0,003	0,008	0,169	FALSE
0,064	0,290	0,002	0,006	0,102	FALSE
0,048	0,283	0,003	0,011	0,096	FALSE
0,059	0,294	0,003	0,012	0,108	FALSE
0,146	0,301	0,004	0,009	0,193	FALSE
0,146	0,315	0,004	0,009	0,178	FALSE
-0,094	0,298	-0,002	0,007	0,121	FALSE
-0,103	0,307	-0,003	0,007	0,147	FALSE
0,123	0,301	0,002	0,008	0,122	FALSE
-0,081	0,293	-0,002	0,006	0,101	FALSE
-0,035	0,307	-0,001	0,007	0,045	FALSE
0,109	0,313	0,002	0,006	0,141	FALSE
-0,005	0,301	0,000	0,012	0,008	FALSE
0,047	0,309	0,002	0,012	0,068	FALSE
-0,071	0,289	-0,001	0,006	0,084	FALSE
-0,051	0,295	-0,001	0,006	0,055	FALSE
0,048	0,306	0,001	0,008	0,038	FALSE
-0,160	0,271	-0,005	0,009	0,240	FALSE
0,045	0,321	0,001	0,007	0,061	FALSE
0,056	0,305	0,002	0,009	0,086	FALSE
0,103	0,321	0,003	0,009	0,147	FALSE
-0,017	0,313	0,000	0,008	0,018	FALSE
0,060	0,295	0,002	0,007	0,086	FALSE
-0,063	0,309	-0,002	0,009	0,080	FALSE
0,089	0,297	0,002	0,006	0,160	FALSE
0,219	0,292	0,007	0,011	0,299	FALSE
-0,105	0,291	-0,002	0,007	0,119	FALSE
-0,050	0,311	-0,001	0,011	0,034	FALSE
0,017	0,301	0,001	0,011	0,024	FALSE
0,121	0,298	0,004	0,010	0,165	FALSE
0,131	0,303	0,005	0,012	0,170	FALSE
-0,031	0,309	-0,001	0,007	0,037	FALSE
0,018	0,303	0,001	0,012	0,040	FALSE
0,091	0,312	0,003	0,011	0,086	FALSE
0,116	0,302	0,003	0,006	0,171	FALSE
0,052	0,302	0,001	0,012	0,042	FALSE

0,013	0,290	0,001	0,007	0,029	FALSE
-0,124	0,303	-0,003	0,009	0,153	FALSE
0,030	0,317	0,001	0,010	0,033	FALSE
-0,014	0,294	0,000	0,007	0,006	FALSE
0,016	0,322	0,001	0,010	0,027	FALSE
0,055	0,307	0,002	0,011	0,059	FALSE
-0,057	0,317	-0,001	0,009	0,060	FALSE
-0,054	0,306	-0,003	0,012	0,093	FALSE
-0,031	0,304	-0,001	0,009	0,063	FALSE
-0,067	0,313	-0,002	0,009	0,092	FALSE
-0,030	0,311	-0,001	0,009	0,034	FALSE
-0,121	0,303	-0,006	0,012	0,202	FALSE
0,038	0,306	0,001	0,007	0,032	FALSE
-0,105	0,294	-0,004	0,009	0,163	FALSE
-0,027	0,308	-0,001	0,006	0,040	FALSE
0,076	0,307	0,003	0,011	0,112	FALSE
-0,054	0,295	-0,001	0,007	0,048	FALSE
-0,160	0,298	-0,005	0,008	0,248	FALSE
-0,058	0,313	-0,001	0,009	0,045	FALSE
0,004	0,304	0,000	0,008	0,010	FALSE
0,226	0,295	0,006	0,009	0,348	FALSE
0,055	0,306	0,002	0,007	0,090	FALSE
-0,051	0,323	-0,001	0,013	0,035	FALSE
-0,041	0,307	-0,001	0,007	0,041	FALSE
-0,051	0,308	-0,001	0,007	0,060	FALSE
-0,102	0,324	-0,003	0,008	0,124	FALSE
-0,070	0,298	-0,001	0,008	0,060	FALSE
0,075	0,305	0,002	0,006	0,092	FALSE
0,230	0,287	0,005	0,007	0,361	FALSE
0,135	0,300	0,004	0,009	0,162	FALSE
0,203	0,289	0,005	0,008	0,289	FALSE
-0,099	0,292	-0,002	0,006	0,156	FALSE
-0,116	0,299	-0,002	0,006	0,154	FALSE
0,073	0,300	0,003	0,010	0,104	FALSE
-0,031	0,318	-0,001	0,007	0,039	FALSE
0,011	0,308	0,000	0,006	0,014	FALSE
-0,025	0,306	0,000	0,009	0,002	FALSE
-0,050	0,296	-0,002	0,010	0,067	FALSE
-0,080	0,318	-0,002	0,008	0,092	FALSE
0,059	0,307	0,001	0,007	0,062	FALSE
0,044	0,310	0,001	0,006	0,056	FALSE
0,184	0,302	0,008	0,012	0,265	FALSE
-0,081	0,306	-0,003	0,012	0,109	FALSE
0,033	0,305	0,001	0,012	0,036	FALSE
-0,171	0,298	-0,004	0,007	0,220	FALSE
-0,025	0,306	-0,002	0,012	0,046	FALSE
-0,034	0,305	-0,001	0,007	0,044	FALSE
0,043	0,304	0,002	0,010	0,070	FALSE
0,109	0,319	0,002	0,007	0,107	FALSE
-0,032	0,307	-0,001	0,008	0,050	FALSE
0,118	0,302	0,004	0,012	0,120	FALSE
-0,028	0,317	0,000	0,011	0,005	FALSE
-0,003	0,304	0,000	0,007	0,002	FALSE

0,015	0,321	0,001	0,011	0,031	FALSE
0,010	0,287	0,000	0,009	0,019	FALSE
-0,011	0,313	0,000	0,012	0,000	FALSE
-0,057	0,322	-0,002	0,011	0,054	FALSE
-0,198	0,309	-0,008	0,012	0,282	FALSE
0,028	0,311	0,001	0,013	0,015	FALSE
0,056	0,301	0,002	0,011	0,054	FALSE
-0,102	0,297	-0,002	0,007	0,150	FALSE
-0,073	0,310	-0,003	0,011	0,105	FALSE
0,173	0,303	0,005	0,008	0,253	FALSE
0,109	0,304	0,004	0,010	0,149	FALSE
0,151	0,308	0,005	0,010	0,190	FALSE
0,006	0,310	0,000	0,011	0,008	FALSE
0,100	0,309	0,003	0,009	0,127	FALSE
0,068	0,300	0,002	0,006	0,113	FALSE
0,020	0,317	0,000	0,007	0,016	FALSE
-0,011	0,316	0,000	0,009	0,004	FALSE
0,038	0,308	0,001	0,007	0,051	FALSE
-0,030	0,315	-0,001	0,007	0,030	FALSE
-0,030	0,294	-0,001	0,008	0,052	FALSE
0,120	0,302	0,003	0,008	0,159	FALSE
-0,044	0,312	-0,001	0,007	0,035	FALSE
-0,113	0,311	-0,005	0,013	0,145	FALSE
0,051	0,302	0,001	0,006	0,073	FALSE
-0,102	0,302	-0,002	0,009	0,097	FALSE
-0,003	0,310	-0,001	0,009	0,024	FALSE
0,036	0,309	0,001	0,009	0,042	FALSE
0,095	0,297	0,003	0,011	0,123	FALSE
0,109	0,297	0,004	0,010	0,163	FALSE
0,087	0,295	0,002	0,007	0,092	FALSE
-0,053	0,320	-0,001	0,007	0,074	FALSE
-0,104	0,298	-0,003	0,009	0,126	FALSE
-0,070	0,292	-0,001	0,009	0,058	FALSE
0,035	0,299	0,003	0,012	0,079	FALSE
-0,006	0,320	0,000	0,009	0,014	FALSE
0,049	0,302	0,003	0,011	0,104	FALSE
0,163	0,297	0,004	0,008	0,248	FALSE
0,166	0,302	0,004	0,008	0,242	FALSE
0,082	0,309	0,002	0,009	0,082	FALSE
-0,080	0,290	-0,002	0,010	0,071	FALSE
-0,038	0,305	-0,001	0,007	0,040	FALSE
0,049	0,314	0,001	0,009	0,038	FALSE
0,028	0,311	0,001	0,008	0,042	FALSE
0,073	0,312	0,003	0,013	0,083	FALSE
-0,057	0,304	-0,003	0,012	0,108	FALSE
0,023	0,305	0,001	0,010	0,034	FALSE
0,094	0,313	0,003	0,012	0,108	FALSE
0,084	0,315	0,003	0,013	0,076	FALSE
-0,086	0,317	-0,004	0,012	0,110	FALSE
0,031	0,303	0,001	0,013	0,039	FALSE
0,096	0,287	0,003	0,006	0,165	FALSE
0,008	0,302	0,001	0,007	0,032	FALSE
0,020	0,302	0,001	0,012	0,018	FALSE

0,051	0,311	0,002	0,011	0,062	FALSE
0,048	0,308	0,002	0,009	0,100	FALSE
-0,027	0,300	-0,001	0,008	0,046	FALSE
0,002	0,315	0,000	0,010	0,008	FALSE
0,002	0,306	0,000	0,008	0,018	FALSE
0,003	0,298	0,000	0,009	0,004	FALSE
0,045	0,301	0,001	0,009	0,026	FALSE
0,130	0,309	0,004	0,008	0,198	FALSE
-0,126	0,305	-0,003	0,007	0,187	FALSE
0,042	0,308	0,002	0,010	0,068	FALSE
0,045	0,294	0,002	0,009	0,069	FALSE
-0,052	0,300	-0,001	0,008	0,069	FALSE
0,034	0,313	0,001	0,009	0,056	FALSE
0,069	0,300	0,002	0,009	0,099	FALSE
0,065	0,299	0,003	0,012	0,081	FALSE
-0,158	0,312	-0,006	0,011	0,209	FALSE
0,007	0,303	0,001	0,008	0,025	FALSE
0,039	0,318	0,001	0,011	0,021	FALSE
0,113	0,309	0,004	0,009	0,189	FALSE
-0,003	0,304	-0,001	0,011	0,034	FALSE
0,134	0,310	0,003	0,007	0,164	FALSE
-0,039	0,308	-0,002	0,012	0,057	FALSE
0,051	0,324	0,002	0,012	0,074	FALSE
-0,129	0,311	-0,005	0,010	0,177	FALSE
-0,062	0,293	-0,002	0,009	0,088	FALSE
0,001	0,299	0,000	0,006	0,000	FALSE
0,180	0,304	0,008	0,012	0,286	FALSE
-0,086	0,310	-0,003	0,008	0,125	FALSE
-0,022	0,314	-0,001	0,011	0,024	FALSE
-0,154	0,298	-0,004	0,006	0,241	FALSE
0,043	0,290	0,001	0,008	0,031	FALSE
0,071	0,300	0,002	0,010	0,054	FALSE
0,025	0,307	0,001	0,008	0,048	FALSE
0,046	0,305	0,001	0,007	0,035	FALSE
0,014	0,291	0,000	0,007	0,005	FALSE
0,026	0,304	0,001	0,009	0,050	FALSE
-0,069	0,293	-0,003	0,011	0,104	FALSE
-0,055	0,302	-0,001	0,010	0,036	FALSE
-0,141	0,305	-0,005	0,010	0,178	FALSE
-0,016	0,291	-0,001	0,010	0,043	FALSE
0,214	0,323	0,007	0,010	0,305	FALSE
-0,030	0,314	-0,001	0,009	0,030	FALSE
-0,184	0,291	-0,004	0,006	0,254	FALSE
-0,085	0,294	-0,002	0,008	0,117	FALSE
-0,051	0,306	-0,001	0,006	0,058	FALSE
0,056	0,322	0,002	0,007	0,089	FALSE
-0,081	0,304	-0,002	0,007	0,114	FALSE
-0,082	0,301	-0,003	0,011	0,115	FALSE
-0,042	0,308	-0,002	0,011	0,050	FALSE
-0,057	0,314	-0,002	0,012	0,062	FALSE
-0,020	0,306	0,000	0,007	0,018	FALSE
-0,072	0,305	-0,002	0,009	0,081	FALSE
0,044	0,303	0,002	0,012	0,074	FALSE

0,057	0,310	0,003	0,011	0,093	FALSE
0,014	0,294	0,001	0,011	0,029	FALSE
0,059	0,292	0,001	0,007	0,031	FALSE
-0,061	0,314	-0,001	0,011	0,050	FALSE
-0,028	0,304	0,000	0,012	0,004	FALSE
0,104	0,302	0,003	0,008	0,173	FALSE
0,032	0,304	0,001	0,010	0,040	FALSE
0,069	0,299	0,001	0,008	0,065	FALSE
-0,138	0,302	-0,003	0,007	0,188	FALSE
-0,002	0,302	0,001	0,012	0,015	FALSE
-0,023	0,313	0,000	0,007	0,006	FALSE
0,157	0,287	0,006	0,010	0,250	FALSE
0,172	0,286	0,006	0,009	0,261	FALSE
-0,044	0,294	-0,001	0,007	0,065	FALSE
-0,003	0,310	0,000	0,009	0,009	FALSE
0,108	0,296	0,003	0,007	0,186	FALSE
-0,065	0,313	-0,002	0,010	0,065	FALSE
-0,146	0,312	-0,004	0,007	0,227	FALSE
-0,121	0,312	-0,004	0,008	0,191	FALSE
0,072	0,304	0,003	0,009	0,121	FALSE
-0,024	0,322	-0,001	0,013	0,036	FALSE
0,067	0,308	0,003	0,012	0,101	FALSE
0,070	0,307	0,001	0,007	0,045	FALSE
0,066	0,307	0,003	0,012	0,086	FALSE
0,164	0,302	0,007	0,011	0,265	FALSE
-0,149	0,307	-0,006	0,013	0,189	FALSE
-0,003	0,302	0,000	0,007	0,006	FALSE
-0,016	0,311	0,000	0,007	0,024	FALSE
0,061	0,315	0,003	0,010	0,096	FALSE
-0,082	0,317	-0,002	0,010	0,063	FALSE
-0,035	0,310	0,000	0,007	0,018	FALSE
-0,177	0,303	-0,004	0,007	0,243	FALSE
0,074	0,290	0,003	0,011	0,116	FALSE
-0,154	0,290	-0,004	0,009	0,202	FALSE
-0,131	0,297	-0,004	0,013	0,122	FALSE
0,021	0,308	0,002	0,012	0,050	FALSE
-0,078	0,293	-0,001	0,006	0,060	FALSE
0,077	0,288	0,002	0,010	0,080	FALSE
0,036	0,313	0,002	0,013	0,064	FALSE
0,068	0,304	0,002	0,009	0,071	FALSE
0,097	0,287	0,002	0,007	0,096	FALSE
0,000	0,321	0,000	0,009	0,002	FALSE
0,075	0,295	0,001	0,007	0,049	FALSE
0,026	0,302	0,001	0,010	0,052	FALSE
0,171	0,294	0,006	0,012	0,234	FALSE
-0,143	0,296	-0,003	0,007	0,197	FALSE
-0,089	0,317	-0,002	0,009	0,092	FALSE
0,026	0,306	0,001	0,007	0,045	FALSE
0,106	0,308	0,003	0,012	0,104	FALSE
-0,043	0,300	-0,002	0,011	0,072	FALSE
0,050	0,307	0,001	0,007	0,053	FALSE
0,062	0,305	0,001	0,006	0,087	FALSE
0,011	0,301	0,000	0,009	0,018	FALSE

-0,017	0,309	-0,001	0,012	0,031	FALSE
0,007	0,307	0,000	0,010	0,006	FALSE
0,048	0,303	0,001	0,012	0,037	FALSE
0,055	0,307	0,001	0,008	0,062	FALSE
0,124	0,304	0,005	0,013	0,179	FALSE
-0,016	0,307	0,000	0,012	0,011	FALSE
0,135	0,295	0,005	0,010	0,195	FALSE
0,055	0,304	0,001	0,007	0,066	FALSE
0,127	0,298	0,005	0,012	0,189	FALSE
0,091	0,309	0,002	0,008	0,112	FALSE
0,068	0,304	0,002	0,008	0,074	FALSE
0,070	0,300	0,002	0,008	0,122	FALSE
0,121	0,298	0,003	0,007	0,178	FALSE
0,039	0,295	0,001	0,006	0,069	FALSE
0,000	0,307	0,000	0,009	0,004	FALSE
0,095	0,311	0,003	0,008	0,129	FALSE
-0,059	0,290	-0,002	0,008	0,091	FALSE
0,070	0,300	0,003	0,011	0,088	FALSE
-0,113	0,316	-0,003	0,008	0,145	FALSE
-0,150	0,313	-0,006	0,012	0,229	FALSE
0,051	0,306	0,000	0,008	0,022	FALSE
0,089	0,289	0,003	0,010	0,130	FALSE
-0,050	0,313	-0,002	0,011	0,061	FALSE
-0,010	0,311	0,000	0,010	0,002	FALSE
-0,061	0,313	-0,002	0,011	0,078	FALSE
-0,073	0,314	-0,002	0,008	0,106	FALSE
0,077	0,293	0,003	0,008	0,116	FALSE
-0,103	0,314	-0,004	0,011	0,143	FALSE
0,042	0,308	0,001	0,007	0,066	FALSE
0,011	0,307	0,000	0,007	0,014	FALSE
0,020	0,308	0,000	0,008	0,005	FALSE
0,096	0,307	0,003	0,008	0,133	FALSE
0,064	0,317	0,003	0,011	0,094	FALSE
0,162	0,300	0,005	0,009	0,219	FALSE
0,033	0,319	0,000	0,007	0,021	FALSE
0,031	0,302	0,000	0,009	0,015	FALSE
0,110	0,310	0,004	0,013	0,126	FALSE
0,087	0,310	0,004	0,012	0,122	FALSE
-0,036	0,311	-0,002	0,013	0,073	FALSE
0,001	0,299	0,000	0,012	0,012	FALSE
-0,062	0,303	-0,001	0,006	0,084	FALSE
-0,062	0,329	-0,002	0,007	0,091	FALSE
-0,083	0,313	-0,002	0,007	0,120	FALSE
0,024	0,311	0,002	0,010	0,075	FALSE
0,003	0,307	-0,001	0,009	0,023	FALSE
-0,083	0,302	-0,003	0,009	0,140	FALSE
-0,055	0,299	-0,001	0,007	0,075	FALSE
0,000	0,318	0,001	0,009	0,023	FALSE
0,012	0,306	0,000	0,008	0,006	FALSE
-0,102	0,292	-0,003	0,009	0,118	FALSE
-0,148	0,306	-0,003	0,006	0,205	FALSE
-0,133	0,319	-0,002	0,006	0,165	FALSE
-0,088	0,324	-0,002	0,007	0,102	FALSE

-0,002	0,302	0,000	0,007	0,009	FALSE
0,002	0,305	0,000	0,007	0,019	FALSE
-0,041	0,334	-0,002	0,008	0,093	FALSE
-0,031	0,312	-0,001	0,007	0,065	FALSE
-0,015	0,303	0,000	0,008	0,004	FALSE
-0,003	0,315	0,000	0,011	0,003	FALSE
-0,019	0,302	-0,001	0,008	0,028	FALSE
-0,007	0,303	0,000	0,008	0,018	FALSE
0,151	0,298	0,004	0,007	0,229	FALSE
-0,056	0,317	-0,002	0,010	0,061	FALSE
0,001	0,302	0,000	0,012	0,007	FALSE
-0,017	0,308	0,000	0,008	0,004	FALSE
0,011	0,308	0,000	0,009	0,003	FALSE
0,049	0,300	0,001	0,007	0,047	FALSE
0,092	0,305	0,003	0,008	0,135	FALSE
0,126	0,299	0,005	0,009	0,227	FALSE
0,085	0,302	0,003	0,011	0,113	FALSE
0,014	0,299	0,001	0,008	0,043	FALSE
0,032	0,310	0,000	0,009	0,012	FALSE
-0,056	0,323	-0,001	0,008	0,055	FALSE
0,039	0,314	0,000	0,006	0,028	FALSE
-0,003	0,302	-0,001	0,011	0,040	FALSE
0,066	0,303	0,003	0,012	0,099	FALSE
0,022	0,311	0,001	0,008	0,027	FALSE
-0,054	0,319	-0,001	0,007	0,047	FALSE
0,015	0,313	0,000	0,012	0,009	FALSE
0,060	0,308	0,002	0,007	0,103	FALSE
0,015	0,327	0,001	0,010	0,022	FALSE
0,011	0,315	0,001	0,008	0,048	FALSE
0,045	0,309	0,002	0,013	0,047	FALSE
-0,010	0,319	0,000	0,011	0,005	FALSE
0,024	0,318	0,001	0,010	0,033	FALSE
-0,146	0,292	-0,006	0,012	0,227	FALSE
-0,031	0,297	-0,002	0,007	0,080	FALSE
0,009	0,309	0,000	0,012	0,012	FALSE
-0,130	0,304	-0,005	0,012	0,156	FALSE
0,018	0,316	0,000	0,010	0,013	FALSE
-0,110	0,297	-0,003	0,009	0,113	FALSE
0,112	0,306	0,003	0,007	0,147	FALSE
0,005	0,309	0,000	0,009	0,014	FALSE
-0,037	0,322	-0,001	0,009	0,036	FALSE
-0,045	0,308	-0,002	0,009	0,085	FALSE
-0,057	0,286	-0,003	0,009	0,118	FALSE
-0,107	0,310	-0,002	0,007	0,144	FALSE
0,109	0,305	0,003	0,009	0,147	FALSE
-0,077	0,304	-0,002	0,007	0,103	FALSE
0,091	0,299	0,002	0,007	0,109	FALSE
0,020	0,305	0,000	0,006	0,017	FALSE
0,215	0,296	0,008	0,011	0,332	FALSE
0,205	0,293	0,007	0,011	0,254	FALSE
-0,060	0,300	-0,002	0,011	0,077	FALSE
-0,101	0,311	-0,004	0,012	0,129	FALSE
-0,062	0,302	-0,003	0,012	0,110	FALSE

0,051	0,310	0,002	0,012	0,055	FALSE
0,137	0,304	0,002	0,006	0,163	FALSE
0,011	0,313	0,001	0,006	0,033	FALSE
0,128	0,314	0,005	0,013	0,178	FALSE
-0,123	0,318	-0,003	0,006	0,156	FALSE
0,142	0,300	0,005	0,011	0,185	FALSE
0,057	0,290	0,003	0,012	0,098	FALSE
0,100	0,308	0,003	0,008	0,132	FALSE
0,071	0,304	0,003	0,010	0,107	FALSE
-0,089	0,302	-0,004	0,012	0,128	FALSE
-0,086	0,294	-0,004	0,012	0,121	FALSE
-0,087	0,297	-0,002	0,006	0,107	FALSE
0,006	0,313	0,000	0,012	0,005	FALSE
0,043	0,309	0,002	0,008	0,074	FALSE
-0,099	0,306	-0,002	0,007	0,135	FALSE
0,006	0,308	0,001	0,009	0,025	FALSE
-0,109	0,310	-0,002	0,007	0,121	FALSE
-0,129	0,293	-0,003	0,007	0,166	FALSE
0,070	0,301	0,003	0,011	0,089	FALSE
-0,030	0,308	-0,001	0,011	0,032	FALSE
0,063	0,294	0,001	0,009	0,059	FALSE
0,054	0,306	0,001	0,009	0,039	FALSE
0,021	0,299	0,000	0,010	0,015	FALSE
0,115	0,312	0,004	0,009	0,172	FALSE
-0,032	0,315	-0,002	0,012	0,051	FALSE
-0,139	0,302	-0,003	0,008	0,160	FALSE
-0,123	0,297	-0,003	0,008	0,150	FALSE
-0,103	0,305	-0,002	0,007	0,116	FALSE
-0,123	0,291	-0,003	0,007	0,177	FALSE
-0,061	0,307	-0,001	0,008	0,073	FALSE
-0,079	0,307	-0,002	0,007	0,101	FALSE
-0,033	0,308	-0,001	0,006	0,031	FALSE
-0,006	0,326	-0,001	0,009	0,044	FALSE
0,000	0,321	-0,001	0,008	0,042	FALSE
0,018	0,308	0,000	0,007	0,001	FALSE
-0,024	0,305	0,000	0,007	0,001	FALSE
0,137	0,307	0,004	0,007	0,242	FALSE
0,051	0,307	0,001	0,006	0,076	FALSE
0,065	0,301	0,001	0,006	0,097	FALSE
-0,004	0,312	-0,001	0,012	0,017	FALSE
0,029	0,305	0,001	0,007	0,032	FALSE
-0,029	0,302	-0,001	0,007	0,070	FALSE
-0,042	0,321	-0,001	0,007	0,051	FALSE
-0,092	0,307	-0,005	0,012	0,155	FALSE
0,055	0,319	0,001	0,009	0,051	FALSE
0,040	0,299	0,001	0,009	0,033	FALSE
-0,013	0,305	0,000	0,006	0,012	FALSE
-0,029	0,303	-0,001	0,013	0,030	FALSE
-0,056	0,316	-0,002	0,012	0,067	FALSE
-0,015	0,291	-0,001	0,006	0,050	FALSE
0,031	0,298	0,001	0,012	0,045	FALSE
0,058	0,295	0,002	0,008	0,073	FALSE
0,132	0,306	0,004	0,008	0,227	FALSE

0,052	0,309	0,001	0,009	0,045	FALSE
0,075	0,296	0,002	0,008	0,101	FALSE
0,051	0,311	0,002	0,011	0,069	FALSE
0,008	0,304	0,000	0,009	0,001	FALSE
0,009	0,302	0,000	0,006	0,024	FALSE
0,005	0,321	0,000	0,008	0,002	FALSE
0,012	0,313	0,001	0,011	0,029	FALSE
-0,052	0,311	-0,002	0,010	0,062	FALSE
-0,028	0,296	-0,001	0,007	0,047	FALSE
0,020	0,314	0,001	0,007	0,047	FALSE
0,109	0,312	0,003	0,008	0,169	FALSE
0,081	0,307	0,003	0,009	0,143	FALSE
-0,057	0,299	-0,002	0,007	0,083	FALSE
0,071	0,291	0,003	0,009	0,113	FALSE
0,063	0,286	0,002	0,008	0,091	FALSE
-0,107	0,297	-0,003	0,009	0,113	FALSE
-0,110	0,302	-0,004	0,011	0,166	FALSE
0,012	0,310	0,000	0,006	0,025	FALSE
0,021	0,305	0,001	0,007	0,059	FALSE
-0,120	0,299	-0,003	0,007	0,174	FALSE
-0,042	0,305	-0,002	0,008	0,070	FALSE
0,032	0,323	0,001	0,013	0,041	FALSE
-0,049	0,298	-0,001	0,007	0,059	FALSE
0,100	0,313	0,002	0,008	0,126	FALSE
-0,037	0,320	-0,001	0,008	0,054	FALSE
0,041	0,311	0,002	0,008	0,079	FALSE
0,008	0,304	0,000	0,007	0,003	FALSE
0,057	0,314	0,002	0,007	0,083	FALSE
0,030	0,311	0,001	0,012	0,024	FALSE
0,154	0,299	0,005	0,009	0,219	FALSE
0,011	0,319	0,000	0,010	0,012	FALSE
0,000	0,318	0,000	0,009	0,000	FALSE
-0,077	0,288	-0,002	0,010	0,094	FALSE
0,032	0,316	0,001	0,011	0,024	FALSE
-0,162	0,313	-0,003	0,007	0,208	FALSE
-0,151	0,306	-0,004	0,008	0,220	FALSE
0,067	0,305	0,001	0,007	0,076	FALSE
-0,093	0,320	-0,002	0,008	0,109	FALSE
-0,038	0,317	-0,001	0,007	0,040	FALSE
-0,016	0,304	0,000	0,007	0,004	FALSE
0,040	0,305	0,001	0,008	0,064	FALSE
0,002	0,324	0,000	0,009	0,001	FALSE
-0,042	0,308	-0,001	0,008	0,046	FALSE
-0,064	0,315	-0,002	0,011	0,060	FALSE
-0,115	0,305	-0,004	0,012	0,128	FALSE
0,067	0,324	0,002	0,012	0,051	FALSE
0,061	0,305	0,001	0,007	0,034	FALSE
-0,011	0,308	-0,001	0,011	0,019	FALSE
-0,007	0,305	-0,001	0,011	0,019	FALSE
-0,053	0,309	-0,001	0,007	0,047	FALSE
-0,027	0,310	-0,001	0,011	0,047	FALSE
-0,108	0,305	-0,005	0,011	0,177	FALSE
-0,165	0,295	-0,007	0,012	0,250	FALSE

-0,109	0,308	-0,002	0,007	0,126	FALSE
-0,122	0,294	-0,006	0,012	0,217	FALSE
0,060	0,310	0,002	0,008	0,109	FALSE
-0,016	0,304	-0,001	0,013	0,028	FALSE
-0,081	0,310	-0,002	0,007	0,112	FALSE
-0,169	0,317	-0,005	0,009	0,241	FALSE
0,139	0,310	0,007	0,013	0,213	FALSE
0,028	0,303	0,000	0,006	0,012	FALSE
-0,038	0,311	-0,001	0,012	0,039	FALSE
0,042	0,311	0,001	0,010	0,049	FALSE
0,006	0,298	0,000	0,007	0,004	FALSE
-0,067	0,311	-0,002	0,012	0,063	FALSE
-0,051	0,309	-0,002	0,012	0,064	FALSE
0,174	0,296	0,004	0,007	0,229	FALSE
0,186	0,300	0,004	0,007	0,251	FALSE
-0,029	0,313	-0,001	0,013	0,033	FALSE
-0,015	0,319	-0,001	0,013	0,024	FALSE
-0,013	0,319	-0,001	0,013	0,019	FALSE
-0,086	0,305	-0,002	0,007	0,134	FALSE
-0,123	0,301	-0,003	0,007	0,178	FALSE
-0,034	0,313	-0,001	0,012	0,044	FALSE
-0,048	0,310	-0,001	0,007	0,051	FALSE
-0,037	0,306	-0,001	0,008	0,027	FALSE
0,072	0,317	0,003	0,012	0,077	FALSE
0,083	0,308	0,003	0,012	0,099	FALSE
0,040	0,302	0,001	0,008	0,048	FALSE
0,049	0,314	0,002	0,010	0,068	FALSE
-0,008	0,310	0,000	0,010	0,016	FALSE
-0,053	0,304	-0,002	0,011	0,082	FALSE
0,018	0,310	0,000	0,008	0,023	FALSE
-0,042	0,310	-0,001	0,007	0,051	FALSE
0,064	0,307	0,002	0,008	0,114	FALSE
0,054	0,308	0,002	0,008	0,103	FALSE
0,008	0,311	0,001	0,008	0,034	FALSE
0,080	0,305	0,003	0,012	0,103	FALSE
-0,167	0,303	-0,005	0,009	0,234	FALSE
-0,063	0,309	-0,002	0,010	0,082	FALSE
-0,113	0,319	-0,002	0,007	0,144	FALSE
0,014	0,305	0,001	0,008	0,039	FALSE
-0,016	0,300	0,000	0,007	0,026	FALSE
0,056	0,312	0,001	0,007	0,075	FALSE
0,070	0,308	0,002	0,008	0,077	FALSE
0,014	0,325	0,000	0,007	0,006	FALSE
-0,059	0,297	-0,001	0,008	0,067	FALSE
0,042	0,301	0,003	0,012	0,085	FALSE
0,070	0,297	0,004	0,012	0,119	FALSE
-0,031	0,305	-0,001	0,008	0,030	FALSE
-0,034	0,313	-0,001	0,010	0,050	FALSE
0,002	0,301	0,001	0,010	0,023	FALSE
-0,024	0,309	0,000	0,011	0,017	FALSE
-0,038	0,309	-0,001	0,008	0,036	FALSE
0,016	0,318	0,000	0,008	0,009	FALSE
0,006	0,302	0,000	0,007	0,009	FALSE

-0,023	0,313	-0,001	0,008	0,048	FALSE
-0,062	0,301	-0,004	0,013	0,112	FALSE
0,113	0,305	0,003	0,009	0,151	FALSE
-0,054	0,302	-0,003	0,012	0,093	FALSE
-0,110	0,315	-0,004	0,012	0,145	FALSE
-0,052	0,316	-0,002	0,012	0,058	FALSE
-0,108	0,302	-0,004	0,009	0,162	FALSE
-0,013	0,309	0,000	0,007	0,021	FALSE
-0,098	0,313	-0,004	0,013	0,128	FALSE
0,018	0,317	0,000	0,007	0,016	FALSE
-0,107	0,297	-0,004	0,010	0,148	FALSE
0,044	0,312	0,001	0,010	0,051	FALSE
0,033	0,307	0,000	0,008	0,021	FALSE
0,087	0,303	0,002	0,007	0,122	FALSE
0,148	0,305	0,006	0,012	0,216	FALSE
0,170	0,286	0,007	0,011	0,258	FALSE
0,091	0,308	0,003	0,011	0,111	FALSE
0,031	0,306	0,002	0,013	0,047	FALSE
0,071	0,297	0,002	0,008	0,101	FALSE
-0,028	0,295	-0,002	0,009	0,070	FALSE
0,076	0,297	0,002	0,006	0,136	FALSE
-0,085	0,298	-0,002	0,008	0,094	FALSE
-0,035	0,314	-0,001	0,009	0,058	FALSE
0,014	0,303	0,001	0,009	0,032	FALSE
-0,103	0,313	-0,004	0,013	0,128	FALSE
0,036	0,318	0,000	0,007	0,008	FALSE
-0,111	0,296	-0,003	0,008	0,164	FALSE
-0,164	0,309	-0,005	0,010	0,227	FALSE
0,057	0,304	0,002	0,012	0,059	FALSE
-0,063	0,295	-0,002	0,006	0,103	FALSE
0,010	0,315	0,000	0,011	0,006	FALSE
-0,007	0,313	-0,001	0,009	0,020	FALSE
-0,089	0,306	-0,002	0,008	0,074	FALSE
0,086	0,302	0,002	0,007	0,094	FALSE
0,157	0,304	0,004	0,007	0,211	FALSE
0,042	0,313	0,001	0,011	0,025	FALSE
0,008	0,304	0,000	0,006	0,009	FALSE
0,020	0,317	0,001	0,008	0,024	FALSE
0,079	0,321	0,002	0,008	0,105	FALSE
-0,062	0,308	-0,002	0,012	0,059	FALSE
-0,020	0,311	-0,001	0,012	0,037	FALSE
0,190	0,294	0,004	0,006	0,271	FALSE
0,052	0,308	0,003	0,012	0,082	FALSE
-0,017	0,317	0,000	0,011	0,008	FALSE
0,013	0,317	0,000	0,007	0,009	FALSE
-0,072	0,292	-0,002	0,008	0,106	FALSE
0,042	0,305	0,001	0,008	0,040	FALSE
0,063	0,309	0,003	0,013	0,074	FALSE
0,079	0,297	0,003	0,012	0,107	FALSE
-0,116	0,301	-0,004	0,011	0,158	FALSE
0,034	0,306	0,002	0,009	0,068	FALSE
0,036	0,305	0,002	0,009	0,085	FALSE
0,022	0,302	0,001	0,009	0,028	FALSE

0,012	0,292	-0,001	0,011	0,024	FALSE
-0,026	0,307	-0,002	0,009	0,073	FALSE
0,108	0,302	0,004	0,009	0,155	FALSE
-0,106	0,322	-0,002	0,007	0,112	FALSE
-0,016	0,315	-0,001	0,010	0,049	FALSE
0,049	0,295	0,003	0,011	0,089	FALSE
0,103	0,304	0,004	0,010	0,135	FALSE
0,070	0,299	0,002	0,011	0,083	FALSE
-0,156	0,300	-0,004	0,008	0,225	FALSE
0,140	0,302	0,004	0,009	0,205	FALSE
-0,032	0,313	0,000	0,008	0,022	FALSE
0,036	0,304	0,001	0,008	0,052	FALSE
0,009	0,322	0,001	0,012	0,021	FALSE
0,088	0,308	0,003	0,008	0,127	FALSE
-0,046	0,313	-0,001	0,007	0,053	FALSE
0,129	0,294	0,005	0,011	0,181	FALSE
-0,001	0,306	0,000	0,006	0,014	FALSE
-0,019	0,314	-0,001	0,007	0,030	FALSE
0,119	0,306	0,003	0,007	0,161	FALSE
0,034	0,304	0,001	0,009	0,021	FALSE
0,150	0,309	0,007	0,012	0,250	FALSE
-0,008	0,299	0,000	0,006	0,011	FALSE
-0,075	0,310	-0,002	0,008	0,114	FALSE
0,007	0,309	0,000	0,011	0,010	FALSE
-0,114	0,307	-0,004	0,010	0,178	FALSE
0,030	0,307	0,001	0,010	0,037	FALSE
0,015	0,305	0,001	0,008	0,038	FALSE
0,049	0,307	0,001	0,007	0,040	FALSE
-0,052	0,306	-0,002	0,008	0,085	FALSE
0,037	0,322	0,000	0,007	0,018	FALSE
-0,116	0,299	-0,004	0,009	0,164	FALSE
0,114	0,294	0,003	0,007	0,185	FALSE
0,018	0,306	0,001	0,013	0,026	FALSE
-0,046	0,308	-0,001	0,007	0,076	FALSE
-0,096	0,310	-0,002	0,008	0,121	FALSE
-0,066	0,302	-0,004	0,013	0,117	FALSE
0,078	0,305	0,003	0,011	0,118	FALSE
-0,079	0,284	-0,003	0,010	0,114	FALSE
-0,062	0,292	-0,002	0,007	0,081	FALSE
-0,014	0,309	0,000	0,009	0,015	FALSE
-0,055	0,302	-0,002	0,008	0,097	FALSE
0,110	0,306	0,004	0,013	0,117	FALSE
0,026	0,308	0,000	0,011	0,011	FALSE
-0,066	0,312	-0,001	0,007	0,079	FALSE
0,051	0,310	0,001	0,007	0,052	FALSE
0,043	0,306	0,001	0,007	0,056	FALSE
0,135	0,286	0,004	0,008	0,219	FALSE
0,067	0,309	0,002	0,009	0,080	FALSE
-0,012	0,303	0,000	0,007	0,016	FALSE
-0,064	0,318	-0,002	0,010	0,091	FALSE
0,054	0,304	0,001	0,008	0,038	FALSE
0,101	0,306	0,003	0,010	0,114	FALSE
-0,047	0,319	-0,001	0,009	0,055	FALSE

0,023	0,313	0,000	0,011	0,005	FALSE
0,078	0,315	0,003	0,010	0,115	FALSE
-0,044	0,304	-0,001	0,012	0,031	FALSE
0,052	0,317	0,002	0,011	0,086	FALSE
0,027	0,314	0,001	0,012	0,041	FALSE
0,134	0,308	0,004	0,009	0,175	FALSE
-0,029	0,309	-0,001	0,007	0,041	FALSE
0,023	0,311	0,001	0,010	0,033	FALSE
-0,048	0,322	-0,001	0,008	0,054	FALSE
-0,012	0,312	-0,001	0,011	0,026	FALSE
0,098	0,309	0,002	0,007	0,091	FALSE
-0,024	0,313	-0,001	0,012	0,036	FALSE
0,116	0,292	0,003	0,010	0,137	FALSE
-0,072	0,288	-0,004	0,011	0,125	FALSE
0,009	0,321	0,001	0,012	0,019	FALSE
-0,048	0,305	-0,002	0,011	0,078	FALSE
0,029	0,307	0,000	0,008	0,017	FALSE
0,053	0,310	0,001	0,008	0,061	FALSE
-0,109	0,296	-0,003	0,008	0,140	FALSE
-0,066	0,309	-0,002	0,008	0,078	FALSE
-0,097	0,305	-0,002	0,006	0,148	FALSE
0,172	0,299	0,004	0,007	0,250	FALSE
-0,055	0,294	-0,001	0,007	0,066	FALSE
-0,064	0,324	-0,001	0,009	0,056	FALSE
-0,009	0,296	0,000	0,009	0,014	FALSE
0,084	0,298	0,003	0,010	0,133	FALSE
0,154	0,294	0,004	0,006	0,266	FALSE
-0,061	0,303	-0,003	0,010	0,107	FALSE
0,014	0,316	0,000	0,011	0,010	FALSE
-0,050	0,310	-0,001	0,009	0,056	FALSE
0,016	0,322	0,001	0,011	0,043	FALSE
-0,030	0,314	-0,001	0,007	0,058	FALSE
0,021	0,325	0,001	0,008	0,026	FALSE
0,120	0,300	0,004	0,007	0,208	FALSE
0,087	0,291	0,003	0,007	0,144	FALSE
0,089	0,299	0,003	0,011	0,103	FALSE
0,011	0,309	0,000	0,013	0,008	FALSE
0,103	0,308	0,003	0,008	0,132	FALSE
0,008	0,308	0,000	0,009	0,006	FALSE
-0,044	0,320	-0,001	0,010	0,056	FALSE
-0,038	0,301	-0,001	0,007	0,030	FALSE
0,124	0,302	0,005	0,011	0,177	FALSE
0,032	0,299	0,000	0,006	0,011	FALSE
0,084	0,307	0,002	0,007	0,108	FALSE
0,054	0,309	0,001	0,007	0,063	FALSE
0,141	0,299	0,005	0,012	0,178	FALSE
-0,009	0,310	0,000	0,011	0,010	FALSE
-0,017	0,313	0,000	0,008	0,001	FALSE
-0,053	0,300	-0,002	0,012	0,073	FALSE
-0,074	0,296	-0,003	0,012	0,110	FALSE
-0,100	0,305	-0,002	0,008	0,118	FALSE
-0,063	0,318	-0,002	0,008	0,100	FALSE
0,006	0,297	0,000	0,012	0,000	FALSE

0,077	0,326	0,002	0,008	0,083	FALSE
-0,081	0,307	-0,003	0,011	0,117	FALSE
-0,101	0,302	-0,005	0,012	0,163	FALSE
0,027	0,303	0,000	0,006	0,020	FALSE
-0,061	0,303	-0,001	0,009	0,060	FALSE
-0,049	0,310	-0,001	0,008	0,057	FALSE
0,045	0,304	0,001	0,010	0,041	FALSE
-0,050	0,314	-0,002	0,009	0,076	FALSE
-0,071	0,307	-0,001	0,008	0,071	FALSE
0,027	0,313	0,001	0,007	0,048	FALSE
0,018	0,319	0,000	0,008	0,018	FALSE
0,141	0,303	0,005	0,012	0,174	FALSE
0,165	0,304	0,006	0,012	0,201	FALSE
0,109	0,316	0,005	0,013	0,151	FALSE
0,094	0,297	0,003	0,010	0,126	FALSE
0,107	0,321	0,004	0,013	0,114	FALSE
0,007	0,303	0,000	0,006	0,003	FALSE
0,080	0,303	0,002	0,010	0,084	FALSE
0,139	0,309	0,003	0,007	0,181	FALSE
-0,001	0,303	0,000	0,011	0,015	FALSE
-0,070	0,297	-0,002	0,009	0,100	FALSE
-0,070	0,312	-0,002	0,008	0,107	FALSE
-0,094	0,300	-0,004	0,011	0,150	FALSE
-0,070	0,310	-0,002	0,007	0,097	FALSE
-0,047	0,298	-0,001	0,006	0,054	FALSE
0,004	0,311	-0,001	0,007	0,036	FALSE
-0,050	0,290	-0,001	0,006	0,056	FALSE
-0,020	0,305	0,000	0,006	0,026	FALSE
-0,011	0,309	0,000	0,007	0,009	FALSE
-0,017	0,297	0,000	0,006	0,008	FALSE
0,015	0,303	0,000	0,009	0,016	FALSE
0,054	0,311	0,001	0,008	0,052	FALSE
-0,025	0,309	-0,001	0,008	0,050	FALSE
-0,019	0,313	-0,001	0,009	0,035	FALSE
0,045	0,308	0,001	0,008	0,053	FALSE
0,087	0,310	0,004	0,010	0,132	FALSE
-0,126	0,311	-0,005	0,012	0,165	FALSE
-0,086	0,310	-0,003	0,012	0,105	FALSE
-0,059	0,307	-0,002	0,012	0,077	FALSE
0,155	0,295	0,006	0,012	0,194	FALSE
-0,143	0,313	-0,004	0,010	0,176	FALSE
0,046	0,297	0,000	0,010	0,018	FALSE
0,045	0,313	0,001	0,006	0,039	FALSE
-0,051	0,296	-0,001	0,010	0,055	FALSE
0,008	0,316	0,000	0,008	0,021	FALSE
-0,021	0,317	-0,001	0,011	0,039	FALSE
0,086	0,294	0,004	0,012	0,128	FALSE
0,030	0,292	0,002	0,012	0,046	FALSE
0,127	0,319	0,003	0,008	0,163	FALSE
-0,147	0,305	-0,005	0,011	0,167	FALSE
0,011	0,309	0,000	0,008	0,014	FALSE
0,022	0,313	0,000	0,008	0,013	FALSE
0,116	0,297	0,005	0,011	0,171	FALSE

0,145	0,309	0,003	0,006	0,236	FALSE
0,056	0,308	0,001	0,009	0,048	FALSE
0,103	0,303	0,002	0,007	0,110	FALSE
0,116	0,316	0,003	0,007	0,139	FALSE
0,008	0,331	0,000	0,013	0,012	FALSE
0,014	0,314	0,000	0,010	0,001	FALSE
0,046	0,318	0,001	0,011	0,044	FALSE
-0,104	0,312	-0,003	0,008	0,131	FALSE
-0,029	0,318	0,000	0,007	0,017	FALSE
0,060	0,314	0,001	0,007	0,073	FALSE
0,114	0,305	0,002	0,007	0,124	FALSE
0,063	0,293	0,002	0,007	0,105	FALSE
-0,096	0,312	-0,003	0,010	0,136	FALSE
0,029	0,304	0,000	0,009	0,008	FALSE
0,044	0,315	0,002	0,013	0,055	FALSE
-0,026	0,299	-0,001	0,012	0,030	FALSE
-0,088	0,325	-0,003	0,010	0,114	FALSE
-0,004	0,306	0,000	0,009	0,011	FALSE
0,062	0,314	0,001	0,007	0,070	FALSE
0,022	0,311	0,000	0,006	0,011	FALSE
0,000	0,296	0,001	0,009	0,050	FALSE
-0,044	0,307	-0,001	0,009	0,050	FALSE
0,025	0,303	0,001	0,010	0,029	FALSE
-0,021	0,312	-0,001	0,009	0,020	FALSE
0,023	0,310	0,002	0,012	0,053	FALSE
0,036	0,315	0,000	0,011	0,001	FALSE
0,054	0,316	0,001	0,009	0,055	FALSE
0,042	0,311	0,001	0,010	0,054	FALSE
-0,118	0,290	-0,004	0,010	0,185	FALSE
-0,042	0,303	-0,001	0,010	0,051	FALSE
0,071	0,306	0,002	0,009	0,086	FALSE
-0,067	0,307	-0,003	0,012	0,090	FALSE
-0,049	0,296	-0,001	0,008	0,024	FALSE
0,147	0,298	0,004	0,007	0,226	FALSE
0,089	0,297	0,003	0,012	0,112	FALSE
0,021	0,301	0,001	0,007	0,042	FALSE
-0,107	0,295	-0,003	0,008	0,140	FALSE
0,095	0,297	0,004	0,012	0,138	FALSE
0,009	0,288	0,000	0,010	0,000	FALSE
-0,005	0,319	-0,001	0,007	0,034	FALSE
-0,095	0,297	-0,002	0,006	0,131	FALSE
-0,132	0,305	-0,003	0,008	0,136	FALSE
0,031	0,303	0,000	0,007	0,014	FALSE
0,158	0,300	0,006	0,011	0,209	FALSE
-0,130	0,306	-0,003	0,009	0,135	FALSE
0,076	0,311	0,002	0,007	0,099	FALSE
-0,008	0,303	0,000	0,012	0,005	FALSE
0,060	0,317	0,001	0,008	0,033	FALSE
-0,074	0,307	-0,003	0,011	0,092	FALSE
0,029	0,324	0,001	0,011	0,031	FALSE
-0,162	0,295	-0,004	0,007	0,246	FALSE
-0,028	0,303	-0,001	0,006	0,037	FALSE
0,146	0,302	0,003	0,006	0,214	FALSE

0,093	0,301	0,004	0,011	0,151	FALSE
0,141	0,304	0,003	0,007	0,208	FALSE
-0,056	0,308	-0,001	0,007	0,078	FALSE
-0,036	0,315	-0,001	0,007	0,049	FALSE
0,022	0,305	0,001	0,007	0,039	FALSE
-0,040	0,309	-0,001	0,010	0,057	FALSE
-0,068	0,316	-0,003	0,010	0,102	FALSE
-0,068	0,315	-0,002	0,012	0,062	FALSE
0,065	0,298	0,002	0,009	0,070	FALSE
0,082	0,306	0,003	0,009	0,125	FALSE
0,059	0,304	0,001	0,008	0,067	FALSE
-0,091	0,302	-0,003	0,008	0,149	FALSE
-0,060	0,301	-0,002	0,006	0,092	FALSE
0,074	0,311	0,002	0,010	0,078	FALSE
0,018	0,297	0,002	0,009	0,061	FALSE
-0,062	0,306	-0,002	0,009	0,084	FALSE
-0,053	0,319	-0,001	0,007	0,073	FALSE
0,134	0,306	0,003	0,006	0,158	FALSE
0,077	0,323	0,002	0,009	0,077	FALSE
-0,099	0,308	-0,003	0,008	0,146	FALSE
0,045	0,308	0,002	0,009	0,074	FALSE
-0,075	0,305	-0,002	0,010	0,071	FALSE
-0,020	0,289	-0,001	0,006	0,062	FALSE
-0,094	0,293	-0,003	0,010	0,133	FALSE
0,065	0,315	0,002	0,009	0,096	FALSE
0,037	0,304	0,002	0,011	0,066	FALSE
-0,030	0,317	-0,001	0,010	0,053	FALSE
-0,057	0,314	-0,001	0,008	0,048	FALSE
-0,011	0,307	0,000	0,007	0,020	FALSE
-0,080	0,300	-0,001	0,006	0,079	FALSE
0,002	0,312	0,000	0,009	0,005	FALSE
0,187	0,297	0,006	0,010	0,255	FALSE
0,008	0,310	0,000	0,007	0,004	FALSE
0,043	0,304	0,001	0,009	0,047	FALSE
-0,212	0,290	-0,008	0,012	0,309	FALSE
0,029	0,306	0,001	0,007	0,074	FALSE
0,129	0,301	0,003	0,010	0,140	FALSE
-0,063	0,300	-0,002	0,009	0,071	FALSE
0,110	0,306	0,003	0,007	0,176	FALSE
-0,063	0,314	-0,002	0,010	0,078	FALSE
-0,069	0,298	-0,002	0,008	0,095	FALSE
0,122	0,314	0,003	0,007	0,146	FALSE
-0,034	0,297	-0,001	0,010	0,021	FALSE
0,094	0,289	0,003	0,011	0,122	FALSE
-0,040	0,309	-0,001	0,008	0,053	FALSE
-0,022	0,308	-0,001	0,010	0,024	FALSE
0,009	0,296	0,001	0,010	0,055	FALSE
0,094	0,304	0,002	0,012	0,070	FALSE
-0,079	0,302	-0,003	0,007	0,139	FALSE
0,056	0,311	0,001	0,007	0,066	FALSE
-0,023	0,289	-0,002	0,011	0,056	FALSE
-0,028	0,312	-0,002	0,012	0,056	FALSE
-0,023	0,296	0,000	0,007	0,018	FALSE

-0,041	0,312	-0,001	0,008	0,048	FALSE
-0,013	0,315	0,000	0,012	0,007	FALSE
0,028	0,317	0,001	0,012	0,036	FALSE
-0,069	0,312	-0,003	0,011	0,086	FALSE
-0,129	0,314	-0,003	0,007	0,187	FALSE
-0,079	0,309	-0,002	0,008	0,087	FALSE
0,004	0,310	0,000	0,011	0,014	FALSE
0,067	0,304	0,003	0,013	0,077	FALSE
0,105	0,311	0,003	0,007	0,146	FALSE
0,206	0,293	0,008	0,012	0,299	FALSE
0,126	0,299	0,004	0,009	0,185	FALSE
-0,023	0,292	-0,001	0,007	0,042	FALSE
-0,027	0,298	-0,001	0,012	0,023	FALSE
0,017	0,312	0,001	0,007	0,027	FALSE
0,116	0,315	0,005	0,012	0,162	FALSE
0,021	0,316	0,001	0,008	0,064	FALSE
0,135	0,308	0,005	0,011	0,189	FALSE
0,052	0,291	0,002	0,007	0,097	FALSE
-0,049	0,292	-0,004	0,011	0,126	FALSE
-0,069	0,302	-0,002	0,009	0,104	FALSE
0,090	0,319	0,002	0,009	0,095	FALSE
-0,015	0,302	0,001	0,011	0,023	FALSE
-0,071	0,301	-0,001	0,010	0,051	FALSE
-0,100	0,315	-0,003	0,009	0,129	FALSE
-0,020	0,313	0,000	0,008	0,010	FALSE
0,014	0,295	0,001	0,006	0,043	FALSE
0,023	0,317	0,001	0,007	0,048	FALSE
-0,019	0,301	-0,002	0,011	0,055	FALSE
-0,009	0,305	-0,001	0,011	0,017	FALSE
0,145	0,305	0,006	0,012	0,231	FALSE
-0,049	0,298	-0,001	0,007	0,068	FALSE
-0,024	0,312	-0,002	0,011	0,059	FALSE
0,021	0,311	0,001	0,009	0,024	FALSE
0,078	0,317	0,004	0,013	0,112	FALSE
0,062	0,306	0,003	0,012	0,093	FALSE
-0,061	0,299	-0,001	0,007	0,062	FALSE
0,005	0,312	0,000	0,013	0,006	FALSE
-0,019	0,299	-0,001	0,009	0,028	FALSE
-0,036	0,309	-0,001	0,006	0,049	FALSE
-0,012	0,306	0,000	0,008	0,009	FALSE
-0,066	0,307	-0,001	0,009	0,049	FALSE
-0,112	0,315	-0,004	0,012	0,125	FALSE
0,046	0,301	0,001	0,007	0,039	FALSE
0,003	0,309	0,001	0,008	0,023	FALSE
0,048	0,294	0,001	0,006	0,057	FALSE
-0,047	0,304	-0,002	0,011	0,066	FALSE
0,159	0,313	0,003	0,007	0,195	FALSE
0,070	0,294	0,002	0,008	0,098	FALSE
0,107	0,293	0,004	0,011	0,146	FALSE
0,025	0,305	0,000	0,008	0,013	FALSE
-0,048	0,316	-0,001	0,008	0,051	FALSE
0,005	0,314	0,000	0,009	0,001	FALSE
-0,007	0,311	-0,001	0,009	0,025	FALSE

-0,074	0,315	-0,002	0,007	0,082	FALSE
0,083	0,321	0,002	0,008	0,098	FALSE
-0,015	0,315	-0,001	0,007	0,039	FALSE
0,021	0,303	0,001	0,010	0,029	FALSE
-0,021	0,287	-0,001	0,006	0,033	FALSE
0,078	0,307	0,002	0,008	0,078	FALSE
0,010	0,308	0,000	0,011	0,000	FALSE
0,039	0,328	0,001	0,009	0,034	FALSE
-0,043	0,308	-0,002	0,010	0,063	FALSE
0,046	0,310	0,000	0,008	0,018	FALSE
0,024	0,307	0,002	0,012	0,047	FALSE
-0,035	0,312	-0,002	0,010	0,057	FALSE
-0,056	0,318	-0,002	0,010	0,094	FALSE
-0,014	0,315	0,000	0,011	0,008	FALSE
-0,082	0,307	-0,004	0,012	0,119	FALSE
-0,085	0,294	-0,001	0,006	0,080	FALSE
-0,088	0,318	-0,002	0,007	0,101	FALSE
0,027	0,297	0,001	0,012	0,045	FALSE
-0,086	0,307	-0,002	0,007	0,119	FALSE
0,106	0,312	0,003	0,009	0,140	FALSE
-0,128	0,313	-0,004	0,009	0,188	FALSE
0,088	0,308	0,003	0,009	0,122	FALSE
0,104	0,305	0,003	0,007	0,193	FALSE
0,121	0,303	0,003	0,006	0,160	FALSE
-0,130	0,302	-0,004	0,012	0,138	FALSE
-0,023	0,306	-0,001	0,010	0,019	FALSE
-0,056	0,306	-0,002	0,012	0,076	FALSE
0,065	0,314	0,002	0,007	0,092	FALSE
-0,124	0,286	-0,003	0,006	0,166	FALSE
-0,093	0,301	-0,002	0,007	0,118	FALSE
-0,138	0,281	-0,005	0,011	0,199	FALSE
-0,109	0,303	-0,003	0,010	0,134	FALSE
-0,127	0,308	-0,004	0,009	0,175	FALSE
0,084	0,307	0,002	0,007	0,106	FALSE
-0,078	0,307	-0,002	0,008	0,094	FALSE
-0,021	0,300	-0,002	0,011	0,056	FALSE
-0,038	0,313	-0,001	0,007	0,046	FALSE
0,012	0,317	0,000	0,008	0,017	FALSE
0,057	0,306	0,001	0,006	0,038	FALSE
0,117	0,289	0,004	0,010	0,182	FALSE
-0,120	0,302	-0,005	0,011	0,185	FALSE
-0,052	0,296	-0,002	0,007	0,100	FALSE
-0,099	0,305	-0,004	0,011	0,142	FALSE
-0,118	0,303	-0,005	0,011	0,168	FALSE
-0,076	0,306	-0,002	0,006	0,096	FALSE
0,080	0,320	0,002	0,009	0,096	FALSE
-0,063	0,315	-0,002	0,006	0,097	FALSE
-0,037	0,306	-0,001	0,006	0,084	FALSE
0,104	0,308	0,002	0,006	0,123	FALSE
-0,034	0,304	-0,002	0,011	0,052	FALSE
0,144	0,306	0,006	0,013	0,196	FALSE
-0,019	0,307	-0,001	0,010	0,026	FALSE
0,010	0,305	0,000	0,007	0,015	FALSE

0,085	0,297	0,003	0,008	0,171	FALSE
-0,073	0,308	-0,002	0,007	0,088	FALSE
0,050	0,311	0,001	0,008	0,043	FALSE
-0,088	0,298	-0,002	0,006	0,133	FALSE
0,027	0,306	0,000	0,010	0,016	FALSE
0,049	0,305	0,001	0,007	0,043	FALSE
0,067	0,306	0,002	0,009	0,096	FALSE
0,128	0,305	0,005	0,012	0,182	FALSE
-0,009	0,303	-0,001	0,008	0,031	FALSE
0,011	0,318	0,000	0,006	0,018	FALSE
0,020	0,303	0,000	0,008	0,002	FALSE
-0,077	0,307	-0,002	0,006	0,099	FALSE
0,074	0,313	0,002	0,007	0,115	FALSE
0,083	0,301	0,002	0,013	0,063	FALSE
0,008	0,316	0,000	0,008	0,009	FALSE
0,004	0,304	-0,001	0,009	0,029	FALSE
-0,102	0,298	-0,003	0,009	0,119	FALSE
0,061	0,294	0,003	0,012	0,082	FALSE
0,067	0,297	0,003	0,012	0,092	FALSE
0,030	0,295	0,002	0,012	0,054	FALSE
0,041	0,321	0,001	0,011	0,031	FALSE
0,067	0,313	0,002	0,010	0,084	FALSE
-0,003	0,290	0,001	0,007	0,052	FALSE
-0,036	0,296	0,000	0,009	0,006	FALSE
-0,014	0,319	0,000	0,006	0,024	FALSE
0,022	0,300	0,001	0,009	0,048	FALSE
-0,064	0,316	-0,001	0,008	0,066	FALSE
0,050	0,310	0,001	0,008	0,060	FALSE
0,068	0,304	0,002	0,008	0,101	FALSE
0,015	0,315	0,000	0,008	0,019	FALSE
-0,023	0,308	0,000	0,007	0,012	FALSE
0,083	0,319	0,002	0,006	0,109	FALSE
-0,027	0,325	-0,001	0,009	0,041	FALSE
-0,001	0,316	0,000	0,007	0,004	FALSE
-0,155	0,300	-0,005	0,010	0,199	FALSE
-0,117	0,313	-0,003	0,010	0,134	FALSE
-0,105	0,314	-0,003	0,010	0,118	FALSE
-0,028	0,323	-0,001	0,013	0,020	FALSE
-0,018	0,310	0,000	0,009	0,014	FALSE
-0,170	0,297	-0,003	0,007	0,214	FALSE
0,084	0,310	0,003	0,011	0,123	FALSE
-0,097	0,328	-0,003	0,008	0,129	FALSE
0,117	0,301	0,003	0,009	0,134	FALSE
0,095	0,300	0,002	0,008	0,111	FALSE
-0,216	0,292	-0,007	0,010	0,294	FALSE
-0,110	0,300	-0,003	0,007	0,158	FALSE
0,113	0,305	0,004	0,011	0,147	FALSE
-0,117	0,309	-0,004	0,012	0,145	FALSE
0,159	0,295	0,006	0,012	0,215	FALSE
0,149	0,295	0,004	0,009	0,198	FALSE
0,174	0,298	0,005	0,007	0,268	FALSE
-0,101	0,297	-0,004	0,010	0,185	FALSE
0,010	0,312	0,001	0,008	0,033	FALSE

-0,058	0,308	-0,002	0,010	0,065	FALSE
-0,037	0,303	-0,001	0,008	0,057	FALSE
-0,014	0,303	0,000	0,006	0,009	FALSE
-0,056	0,307	-0,003	0,013	0,081	FALSE
0,190	0,298	0,008	0,011	0,313	FALSE
-0,070	0,315	-0,003	0,013	0,101	FALSE
-0,011	0,285	0,000	0,009	0,015	FALSE
0,141	0,309	0,004	0,008	0,224	FALSE
0,027	0,317	0,001	0,011	0,041	FALSE
0,061	0,299	0,002	0,007	0,118	FALSE
0,105	0,289	0,003	0,006	0,200	FALSE
0,114	0,290	0,005	0,011	0,184	FALSE
-0,079	0,301	-0,003	0,010	0,101	FALSE
0,152	0,298	0,004	0,006	0,240	FALSE
-0,100	0,286	-0,003	0,007	0,157	FALSE
-0,077	0,299	-0,002	0,009	0,066	FALSE
-0,080	0,321	-0,002	0,007	0,083	FALSE
-0,058	0,315	-0,002	0,010	0,087	FALSE
-0,006	0,303	0,000	0,012	0,010	FALSE
-0,112	0,306	-0,004	0,010	0,139	FALSE
0,145	0,298	0,003	0,007	0,180	FALSE
0,024	0,314	0,001	0,006	0,050	FALSE
0,000	0,319	0,000	0,007	0,000	FALSE
-0,136	0,304	-0,004	0,008	0,192	FALSE
-0,030	0,307	-0,001	0,011	0,023	FALSE
0,058	0,298	0,001	0,007	0,058	FALSE
-0,077	0,297	-0,002	0,007	0,103	FALSE
0,054	0,307	0,001	0,009	0,038	FALSE
0,019	0,312	0,001	0,012	0,016	FALSE
-0,089	0,302	-0,002	0,008	0,108	FALSE
-0,043	0,294	-0,002	0,011	0,059	FALSE
-0,003	0,302	0,000	0,009	0,001	FALSE
-0,127	0,293	-0,002	0,006	0,155	FALSE
0,064	0,310	0,002	0,012	0,069	FALSE
0,066	0,302	0,002	0,011	0,060	FALSE
0,009	0,313	0,000	0,010	0,004	FALSE
-0,015	0,304	-0,001	0,010	0,021	FALSE
0,103	0,296	0,004	0,010	0,157	FALSE
0,163	0,299	0,004	0,006	0,245	FALSE
-0,159	0,312	-0,004	0,008	0,236	FALSE
-0,006	0,291	-0,001	0,012	0,042	FALSE
0,043	0,323	0,002	0,012	0,049	FALSE
-0,147	0,306	-0,005	0,009	0,234	FALSE
0,160	0,317	0,007	0,013	0,244	FALSE
-0,117	0,310	-0,004	0,009	0,168	FALSE
-0,177	0,300	-0,004	0,007	0,217	FALSE
-0,108	0,302	-0,005	0,012	0,144	FALSE
-0,039	0,309	-0,001	0,010	0,056	FALSE
-0,176	0,293	-0,004	0,008	0,217	FALSE
-0,078	0,295	-0,002	0,010	0,071	FALSE
0,040	0,300	0,001	0,007	0,059	FALSE
-0,052	0,306	-0,002	0,011	0,067	FALSE
0,043	0,306	0,002	0,012	0,050	FALSE

-0,009	0,325	0,000	0,011	0,000	FALSE
-0,063	0,307	-0,001	0,007	0,066	FALSE
0,023	0,293	0,000	0,012	0,014	FALSE
0,042	0,310	0,001	0,012	0,040	FALSE
0,058	0,305	0,001	0,007	0,040	FALSE
0,053	0,304	0,002	0,006	0,102	FALSE
0,078	0,302	0,002	0,008	0,094	FALSE
-0,104	0,285	-0,002	0,007	0,132	FALSE
-0,022	0,317	-0,001	0,013	0,021	FALSE
0,118	0,306	0,004	0,010	0,175	FALSE
-0,033	0,311	-0,001	0,010	0,039	FALSE
-0,051	0,319	-0,001	0,009	0,041	FALSE
-0,082	0,298	-0,003	0,010	0,116	FALSE
0,043	0,319	0,001	0,007	0,037	FALSE
0,059	0,302	0,003	0,010	0,107	FALSE
-0,027	0,304	-0,001	0,006	0,029	FALSE
-0,144	0,303	-0,005	0,009	0,223	FALSE
0,147	0,303	0,007	0,013	0,248	FALSE
-0,049	0,319	-0,001	0,007	0,057	FALSE
-0,040	0,313	-0,001	0,008	0,022	FALSE
-0,006	0,291	-0,001	0,012	0,030	FALSE
-0,114	0,302	-0,004	0,010	0,158	FALSE
0,076	0,300	0,003	0,009	0,116	FALSE
0,018	0,312	0,000	0,009	0,010	FALSE
0,029	0,306	0,001	0,008	0,040	FALSE
-0,036	0,273	-0,002	0,009	0,069	FALSE
-0,017	0,290	0,000	0,006	0,012	FALSE
0,031	0,309	0,001	0,009	0,059	FALSE
-0,019	0,293	-0,001	0,007	0,059	FALSE
0,111	0,305	0,004	0,012	0,140	FALSE
-0,110	0,298	-0,004	0,011	0,147	FALSE
-0,112	0,312	-0,004	0,011	0,154	FALSE
-0,091	0,313	-0,002	0,008	0,108	FALSE
-0,020	0,286	-0,001	0,008	0,037	FALSE
-0,154	0,291	-0,007	0,013	0,220	FALSE
-0,015	0,297	-0,001	0,008	0,038	FALSE
0,009	0,302	0,000	0,011	0,010	FALSE
-0,012	0,313	0,000	0,007	0,005	FALSE
0,114	0,316	0,004	0,012	0,117	FALSE
0,006	0,296	-0,001	0,009	0,030	FALSE
0,108	0,314	0,003	0,009	0,143	FALSE
0,017	0,315	0,000	0,012	0,008	FALSE
-0,058	0,310	-0,001	0,008	0,052	FALSE
-0,060	0,305	-0,002	0,011	0,059	FALSE
0,027	0,312	0,000	0,008	0,015	FALSE
-0,036	0,286	-0,002	0,011	0,073	FALSE
-0,014	0,301	-0,001	0,011	0,032	FALSE
0,102	0,318	0,004	0,009	0,150	FALSE
0,063	0,307	0,001	0,006	0,050	FALSE
0,191	0,294	0,007	0,011	0,299	FALSE
-0,022	0,312	-0,001	0,009	0,021	FALSE
-0,062	0,303	-0,001	0,008	0,053	FALSE
0,072	0,292	0,002	0,013	0,064	FALSE

0,040	0,297	0,001	0,007	0,074	FALSE
0,033	0,305	0,002	0,011	0,063	FALSE
-0,066	0,305	-0,004	0,011	0,144	FALSE
-0,006	0,299	0,000	0,006	0,008	FALSE
0,082	0,317	0,002	0,007	0,091	FALSE
0,016	0,311	0,000	0,010	0,000	FALSE
0,005	0,317	0,000	0,010	0,007	FALSE
0,032	0,310	0,000	0,009	0,001	FALSE
0,019	0,298	0,002	0,012	0,053	FALSE
-0,103	0,317	-0,003	0,007	0,161	FALSE
-0,159	0,313	-0,004	0,008	0,235	FALSE
0,115	0,310	0,004	0,010	0,137	FALSE
0,074	0,293	0,002	0,010	0,076	FALSE
-0,030	0,302	-0,002	0,008	0,072	FALSE
0,127	0,312	0,005	0,010	0,210	FALSE
-0,004	0,309	0,000	0,008	0,009	FALSE
-0,095	0,301	-0,004	0,011	0,129	FALSE
0,096	0,305	0,002	0,008	0,112	FALSE
-0,021	0,301	0,000	0,011	0,005	FALSE
0,168	0,288	0,004	0,006	0,288	FALSE
0,054	0,299	0,002	0,010	0,066	FALSE
-0,164	0,311	-0,004	0,009	0,191	FALSE
0,015	0,296	0,001	0,009	0,033	FALSE
-0,022	0,295	-0,001	0,007	0,042	FALSE
-0,022	0,307	-0,001	0,010	0,034	FALSE
0,063	0,290	0,002	0,006	0,098	FALSE
0,021	0,310	0,001	0,009	0,054	FALSE
-0,006	0,308	-0,001	0,008	0,023	FALSE
0,013	0,314	0,000	0,009	0,003	FALSE
-0,037	0,308	-0,001	0,008	0,042	FALSE
0,042	0,296	0,002	0,012	0,057	FALSE
-0,035	0,299	-0,001	0,011	0,040	FALSE
0,067	0,289	0,003	0,008	0,145	FALSE
0,007	0,315	0,000	0,008	0,002	FALSE
0,025	0,320	0,000	0,008	0,018	FALSE
-0,058	0,307	-0,002	0,012	0,064	FALSE
0,024	0,327	0,000	0,010	0,008	FALSE
-0,083	0,305	-0,003	0,010	0,124	FALSE
0,178	0,300	0,008	0,013	0,272	FALSE
0,020	0,308	0,000	0,009	0,016	FALSE
0,045	0,306	0,001	0,007	0,039	FALSE
0,042	0,316	0,001	0,007	0,041	FALSE
-0,027	0,305	-0,001	0,010	0,046	FALSE
0,119	0,309	0,004	0,011	0,151	FALSE
0,118	0,307	0,005	0,012	0,196	FALSE
0,030	0,307	0,001	0,011	0,032	FALSE
0,039	0,322	0,001	0,007	0,045	FALSE
-0,018	0,311	-0,001	0,009	0,027	FALSE
-0,010	0,315	0,000	0,008	0,014	FALSE
-0,062	0,312	-0,001	0,007	0,071	FALSE
0,053	0,301	0,003	0,013	0,080	FALSE
0,061	0,302	0,002	0,010	0,081	FALSE
0,065	0,308	0,002	0,010	0,086	FALSE

-0,021	0,316	-0,001	0,012	0,042	FALSE
-0,076	0,305	-0,003	0,011	0,089	FALSE
0,041	0,301	0,001	0,010	0,041	FALSE
-0,070	0,299	-0,002	0,007	0,115	FALSE
-0,023	0,308	-0,002	0,012	0,047	FALSE
-0,043	0,298	-0,001	0,012	0,030	FALSE
0,055	0,307	0,002	0,009	0,064	FALSE
0,028	0,320	0,001	0,012	0,030	FALSE
0,087	0,309	0,003	0,012	0,109	FALSE
0,010	0,306	0,000	0,008	0,003	FALSE
-0,071	0,302	-0,002	0,009	0,069	FALSE
-0,015	0,314	0,000	0,008	0,009	FALSE
0,073	0,309	0,001	0,006	0,086	FALSE
0,016	0,304	0,000	0,006	0,013	FALSE
-0,024	0,305	0,000	0,009	0,018	FALSE
-0,160	0,294	-0,006	0,011	0,236	FALSE
-0,056	0,315	-0,002	0,011	0,070	FALSE
-0,020	0,303	0,000	0,008	0,017	FALSE
0,048	0,295	0,002	0,008	0,104	FALSE
0,063	0,297	0,002	0,006	0,102	FALSE
0,072	0,305	0,001	0,007	0,067	FALSE
-0,085	0,308	-0,002	0,007	0,113	FALSE
-0,016	0,325	-0,001	0,007	0,041	FALSE
0,055	0,316	0,001	0,007	0,070	FALSE
0,195	0,295	0,006	0,009	0,296	FALSE
-0,036	0,309	-0,002	0,012	0,061	FALSE
0,051	0,313	0,001	0,006	0,068	FALSE
0,162	0,305	0,007	0,012	0,249	FALSE
-0,155	0,308	-0,005	0,009	0,214	FALSE
-0,045	0,303	-0,002	0,012	0,061	FALSE
0,088	0,312	0,002	0,011	0,080	FALSE
-0,022	0,314	0,000	0,008	0,017	FALSE
0,093	0,308	0,001	0,007	0,074	FALSE
0,076	0,301	0,001	0,007	0,045	FALSE
-0,040	0,317	-0,002	0,012	0,058	FALSE
-0,052	0,318	-0,002	0,012	0,066	FALSE
-0,031	0,311	-0,002	0,013	0,047	FALSE
-0,028	0,314	-0,002	0,012	0,046	FALSE
-0,063	0,304	-0,003	0,012	0,098	FALSE
0,040	0,312	0,001	0,012	0,020	FALSE
0,090	0,319	0,004	0,013	0,108	FALSE
-0,053	0,312	-0,001	0,007	0,080	FALSE
0,054	0,315	0,001	0,007	0,070	FALSE
0,183	0,294	0,007	0,012	0,260	FALSE
-0,027	0,303	-0,001	0,007	0,030	FALSE
-0,112	0,303	-0,004	0,009	0,162	FALSE
0,024	0,291	0,001	0,013	0,020	FALSE
0,082	0,301	0,002	0,008	0,103	FALSE
-0,025	0,308	-0,001	0,009	0,030	FALSE
-0,019	0,296	-0,001	0,008	0,023	FALSE
-0,054	0,304	-0,002	0,008	0,086	FALSE
0,090	0,325	0,002	0,008	0,101	FALSE
-0,069	0,306	-0,002	0,010	0,087	FALSE

-0,081	0,312	-0,002	0,009	0,099	FALSE
0,078	0,301	0,003	0,011	0,090	FALSE
-0,116	0,300	-0,003	0,008	0,129	FALSE
0,040	0,312	0,001	0,008	0,038	FALSE
-0,028	0,300	-0,001	0,008	0,024	FALSE
0,004	0,305	0,000	0,012	0,012	FALSE
0,026	0,316	0,001	0,013	0,018	FALSE
-0,036	0,306	-0,002	0,008	0,073	FALSE
-0,027	0,303	-0,002	0,012	0,059	FALSE
-0,086	0,301	-0,001	0,007	0,081	FALSE
-0,019	0,296	-0,001	0,012	0,036	FALSE
-0,131	0,291	-0,005	0,009	0,223	FALSE
-0,012	0,300	-0,001	0,008	0,025	FALSE
-0,061	0,295	-0,001	0,008	0,071	FALSE
0,029	0,312	0,001	0,006	0,031	FALSE
-0,018	0,297	0,000	0,008	0,002	FALSE
0,047	0,300	0,002	0,012	0,052	FALSE
-0,097	0,294	-0,003	0,010	0,114	FALSE
-0,010	0,300	-0,001	0,009	0,027	FALSE
-0,001	0,297	0,000	0,008	0,004	FALSE
0,007	0,300	0,000	0,006	0,014	FALSE
0,018	0,302	-0,001	0,006	0,033	FALSE
0,045	0,315	0,000	0,011	0,014	FALSE
0,018	0,299	0,000	0,011	0,011	FALSE
-0,081	0,313	-0,001	0,007	0,078	FALSE
0,000	0,297	0,000	0,011	0,006	FALSE
0,011	0,307	0,000	0,007	0,001	FALSE
0,064	0,315	0,002	0,010	0,071	FALSE
-0,042	0,317	-0,002	0,010	0,072	FALSE
0,036	0,287	0,000	0,009	0,019	FALSE
-0,029	0,302	-0,001	0,007	0,039	FALSE
-0,001	0,309	0,000	0,007	0,015	FALSE
0,098	0,317	0,002	0,007	0,089	FALSE
-0,006	0,310	0,000	0,011	0,001	FALSE
0,078	0,313	0,002	0,010	0,091	FALSE
0,004	0,323	0,000	0,009	0,001	FALSE
0,113	0,317	0,003	0,009	0,138	FALSE
0,035	0,312	0,002	0,011	0,067	FALSE
-0,010	0,319	0,000	0,011	0,013	FALSE
0,093	0,301	0,003	0,010	0,130	FALSE
-0,157	0,295	-0,003	0,007	0,217	FALSE
0,082	0,309	0,003	0,011	0,095	FALSE
0,126	0,307	0,003	0,011	0,128	FALSE
-0,025	0,315	-0,001	0,009	0,050	FALSE
-0,170	0,289	-0,004	0,006	0,256	FALSE
-0,092	0,304	-0,004	0,011	0,153	FALSE
0,015	0,312	0,000	0,012	0,014	FALSE
0,032	0,289	0,001	0,008	0,043	FALSE
0,136	0,308	0,005	0,012	0,165	FALSE
0,136	0,305	0,005	0,012	0,180	FALSE
0,099	0,311	0,002	0,007	0,117	FALSE
-0,097	0,304	-0,003	0,008	0,127	FALSE
-0,041	0,305	-0,001	0,007	0,032	FALSE

-0,098	0,304	-0,003	0,011	0,122	FALSE
-0,011	0,320	-0,001	0,008	0,035	FALSE
-0,094	0,316	-0,002	0,007	0,124	FALSE
-0,127	0,309	-0,003	0,007	0,184	FALSE
0,009	0,311	0,001	0,012	0,025	FALSE
-0,042	0,298	-0,002	0,008	0,105	FALSE
-0,086	0,306	-0,002	0,009	0,068	FALSE
-0,085	0,304	-0,001	0,007	0,071	FALSE
0,005	0,304	0,000	0,007	0,023	FALSE
0,000	0,297	0,000	0,007	0,012	FALSE
-0,092	0,298	-0,004	0,012	0,125	FALSE
0,066	0,312	0,002	0,008	0,095	FALSE
0,027	0,308	0,001	0,009	0,024	FALSE
0,037	0,308	0,001	0,012	0,043	FALSE
-0,015	0,311	0,000	0,010	0,013	FALSE
-0,065	0,296	-0,001	0,006	0,078	FALSE
-0,079	0,307	-0,003	0,011	0,098	FALSE
-0,009	0,316	-0,001	0,007	0,027	FALSE
-0,125	0,311	-0,004	0,009	0,173	FALSE
0,062	0,306	0,002	0,009	0,093	FALSE
-0,075	0,313	-0,001	0,006	0,080	FALSE
-0,073	0,299	-0,002	0,006	0,090	FALSE
-0,154	0,314	-0,006	0,012	0,231	FALSE
0,021	0,297	0,001	0,008	0,033	FALSE
-0,040	0,311	-0,001	0,007	0,039	FALSE
-0,005	0,321	0,000	0,008	0,004	FALSE
0,055	0,320	0,001	0,007	0,074	FALSE
0,024	0,316	0,001	0,012	0,022	FALSE
0,167	0,307	0,003	0,006	0,219	FALSE
-0,013	0,304	0,000	0,009	0,016	FALSE
-0,055	0,289	-0,001	0,007	0,068	FALSE
-0,063	0,308	-0,002	0,008	0,082	FALSE
0,098	0,301	0,003	0,008	0,140	FALSE
-0,021	0,296	-0,001	0,007	0,039	FALSE
0,019	0,313	0,001	0,009	0,034	FALSE
0,083	0,299	0,003	0,012	0,093	FALSE
-0,126	0,289	-0,004	0,009	0,198	FALSE
0,079	0,308	0,001	0,007	0,074	FALSE
-0,025	0,308	-0,001	0,009	0,045	FALSE
-0,136	0,306	-0,004	0,010	0,180	FALSE
0,083	0,294	0,002	0,007	0,096	FALSE
-0,007	0,298	-0,001	0,009	0,026	FALSE
-0,025	0,309	-0,002	0,011	0,053	FALSE
0,104	0,308	0,003	0,007	0,150	FALSE
-0,112	0,311	-0,005	0,012	0,165	FALSE
-0,102	0,305	-0,005	0,012	0,167	FALSE
-0,172	0,309	-0,007	0,011	0,282	FALSE
-0,153	0,316	-0,005	0,010	0,201	FALSE
0,020	0,315	0,000	0,012	0,004	FALSE
0,083	0,292	0,002	0,008	0,108	FALSE
0,080	0,312	0,002	0,008	0,117	FALSE
0,078	0,302	0,002	0,008	0,101	FALSE
0,093	0,309	0,002	0,008	0,123	FALSE

0,066	0,305	0,002	0,008	0,081	FALSE
0,018	0,312	0,001	0,011	0,020	FALSE
0,024	0,315	0,001	0,011	0,021	FALSE
0,049	0,327	0,001	0,013	0,037	FALSE
0,057	0,312	0,001	0,007	0,049	FALSE
0,050	0,322	0,001	0,007	0,064	FALSE
-0,006	0,307	-0,001	0,010	0,037	FALSE
0,037	0,310	0,001	0,007	0,063	FALSE
-0,076	0,323	-0,002	0,007	0,093	FALSE
-0,080	0,303	-0,002	0,007	0,109	FALSE
0,040	0,314	0,003	0,012	0,084	FALSE
0,096	0,307	0,003	0,008	0,128	FALSE
-0,027	0,307	-0,001	0,007	0,046	FALSE
-0,091	0,318	-0,003	0,009	0,122	FALSE
0,139	0,307	0,003	0,008	0,156	FALSE
-0,068	0,291	-0,001	0,006	0,087	FALSE
-0,112	0,305	-0,004	0,011	0,156	FALSE
-0,125	0,302	-0,005	0,010	0,210	FALSE
0,000	0,301	-0,001	0,008	0,032	FALSE
-0,026	0,305	0,000	0,011	0,010	FALSE
-0,061	0,306	-0,003	0,013	0,095	FALSE
-0,016	0,300	-0,001	0,009	0,043	FALSE
0,002	0,298	0,001	0,011	0,025	FALSE
-0,025	0,317	-0,002	0,013	0,059	FALSE
-0,037	0,295	0,000	0,009	0,004	FALSE
-0,067	0,296	-0,002	0,012	0,049	FALSE
0,023	0,315	0,001	0,007	0,037	FALSE
0,103	0,315	0,003	0,008	0,134	FALSE
0,096	0,308	0,003	0,009	0,117	FALSE
-0,090	0,297	-0,003	0,009	0,114	FALSE
0,075	0,298	0,002	0,010	0,070	FALSE
0,041	0,324	0,002	0,013	0,067	FALSE
0,004	0,284	0,000	0,009	0,002	FALSE
0,114	0,307	0,003	0,009	0,145	FALSE
0,020	0,308	0,000	0,008	0,001	FALSE
-0,032	0,295	-0,001	0,010	0,038	FALSE
-0,007	0,324	0,000	0,007	0,018	FALSE
-0,062	0,298	-0,002	0,011	0,070	FALSE
-0,066	0,302	-0,003	0,011	0,101	FALSE
0,222	0,288	0,009	0,010	0,429	FALSE
-0,081	0,295	-0,002	0,010	0,087	FALSE
-0,007	0,325	0,000	0,007	0,023	FALSE
0,074	0,307	0,004	0,012	0,120	FALSE
-0,060	0,311	-0,002	0,012	0,073	FALSE
-0,065	0,303	-0,003	0,011	0,119	FALSE
-0,126	0,302	-0,005	0,012	0,172	FALSE
0,042	0,312	0,001	0,013	0,039	FALSE
0,043	0,291	0,002	0,008	0,105	FALSE
0,085	0,301	0,003	0,008	0,152	FALSE
0,045	0,315	0,001	0,007	0,048	FALSE
0,016	0,300	0,000	0,006	0,008	FALSE
-0,134	0,290	-0,003	0,007	0,154	FALSE
-0,001	0,317	0,000	0,006	0,024	FALSE

-0,003	0,300	0,000	0,006	0,021	FALSE
-0,006	0,306	0,000	0,011	0,003	FALSE
-0,083	0,300	-0,002	0,009	0,102	FALSE
0,041	0,310	0,001	0,012	0,042	FALSE
-0,007	0,301	-0,001	0,011	0,036	FALSE
-0,089	0,301	-0,004	0,010	0,160	FALSE
0,014	0,311	0,000	0,011	0,004	FALSE
0,018	0,302	0,002	0,012	0,051	FALSE
0,023	0,305	0,000	0,007	0,024	FALSE
0,050	0,315	0,000	0,008	0,018	FALSE
0,082	0,303	0,003	0,009	0,113	FALSE
-0,066	0,286	-0,003	0,011	0,100	FALSE
-0,042	0,305	-0,001	0,007	0,038	FALSE
-0,082	0,312	-0,002	0,008	0,098	FALSE
-0,097	0,305	-0,002	0,008	0,104	FALSE
0,002	0,313	0,000	0,012	0,008	FALSE
-0,170	0,307	-0,004	0,009	0,209	FALSE
0,030	0,315	0,001	0,009	0,022	FALSE
-0,004	0,313	0,000	0,011	0,006	FALSE
-0,080	0,301	-0,002	0,011	0,089	FALSE
-0,042	0,320	-0,002	0,011	0,059	FALSE
-0,027	0,314	-0,001	0,007	0,029	FALSE
0,030	0,301	0,000	0,008	0,023	FALSE
-0,010	0,310	0,000	0,007	0,005	FALSE
0,100	0,291	0,003	0,010	0,119	FALSE
0,039	0,298	0,001	0,009	0,031	FALSE
-0,008	0,308	0,000	0,010	0,008	FALSE
-0,030	0,306	0,000	0,006	0,012	FALSE
0,081	0,306	0,002	0,007	0,095	FALSE
0,073	0,303	0,002	0,007	0,088	FALSE
-0,091	0,290	-0,002	0,007	0,097	FALSE
-0,035	0,304	-0,001	0,011	0,044	FALSE
-0,068	0,308	-0,002	0,008	0,072	FALSE
-0,127	0,310	-0,005	0,013	0,149	FALSE
-0,082	0,318	-0,002	0,007	0,096	FALSE
-0,164	0,297	-0,005	0,009	0,258	FALSE
0,148	0,293	0,004	0,007	0,216	FALSE
-0,036	0,306	0,000	0,011	0,001	FALSE
-0,034	0,320	-0,001	0,011	0,042	FALSE
-0,084	0,290	-0,002	0,007	0,112	FALSE
0,211	0,298	0,007	0,010	0,333	FALSE
-0,015	0,296	0,000	0,007	0,015	FALSE
0,080	0,307	0,001	0,007	0,071	FALSE
-0,005	0,309	0,000	0,010	0,002	FALSE
0,020	0,305	0,000	0,009	0,020	FALSE
0,064	0,314	0,003	0,013	0,085	FALSE
0,065	0,310	0,002	0,006	0,102	FALSE
-0,034	0,316	-0,001	0,007	0,045	FALSE
-0,152	0,292	-0,006	0,012	0,231	FALSE
0,099	0,302	0,002	0,007	0,115	FALSE
0,018	0,307	0,000	0,008	0,017	FALSE
0,042	0,317	0,001	0,007	0,048	FALSE
0,225	0,296	0,006	0,008	0,318	FALSE

0,092	0,301	0,003	0,009	0,104	FALSE
-0,020	0,317	-0,001	0,012	0,033	FALSE
0,030	0,303	0,001	0,008	0,054	FALSE
-0,074	0,291	-0,003	0,011	0,122	FALSE
0,116	0,297	0,005	0,012	0,173	FALSE
-0,077	0,300	-0,002	0,013	0,070	FALSE
-0,069	0,318	-0,003	0,011	0,103	FALSE
-0,044	0,313	-0,002	0,013	0,060	FALSE
-0,095	0,296	-0,003	0,008	0,138	FALSE
0,060	0,321	0,002	0,011	0,063	FALSE
-0,015	0,322	-0,001	0,009	0,023	FALSE
0,073	0,301	0,001	0,007	0,065	FALSE
0,150	0,296	0,006	0,012	0,227	FALSE
0,089	0,302	0,002	0,006	0,097	FALSE
0,009	0,309	0,001	0,012	0,021	FALSE
0,022	0,301	0,001	0,009	0,031	FALSE
0,040	0,303	0,001	0,009	0,045	FALSE
-0,026	0,300	-0,001	0,010	0,023	FALSE
-0,010	0,314	0,000	0,008	0,000	FALSE
0,073	0,311	0,003	0,013	0,102	FALSE
-0,101	0,301	-0,004	0,011	0,142	FALSE
-0,078	0,313	-0,003	0,012	0,108	FALSE
0,058	0,305	0,001	0,007	0,058	FALSE
0,046	0,305	0,001	0,006	0,060	FALSE
0,066	0,315	0,002	0,012	0,065	FALSE
0,013	0,316	0,000	0,013	0,006	FALSE
0,062	0,320	0,003	0,013	0,078	FALSE
-0,032	0,288	-0,001	0,007	0,067	FALSE
0,021	0,319	0,000	0,012	0,004	FALSE
-0,119	0,304	-0,003	0,009	0,135	FALSE
0,159	0,294	0,004	0,009	0,197	FALSE
-0,010	0,305	0,000	0,012	0,014	FALSE
0,076	0,306	0,003	0,009	0,143	FALSE
-0,153	0,316	-0,004	0,010	0,188	FALSE
-0,064	0,301	-0,001	0,006	0,054	FALSE
0,135	0,309	0,003	0,006	0,170	FALSE
0,004	0,322	0,001	0,006	0,039	FALSE
0,083	0,317	0,002	0,011	0,085	FALSE
0,141	0,310	0,003	0,007	0,157	FALSE
-0,023	0,305	-0,001	0,009	0,029	FALSE
-0,036	0,323	-0,001	0,007	0,055	FALSE
-0,041	0,300	-0,002	0,011	0,052	FALSE
0,092	0,296	0,004	0,011	0,131	FALSE
-0,155	0,300	-0,004	0,009	0,189	FALSE
0,101	0,310	0,004	0,011	0,147	FALSE
-0,098	0,316	-0,002	0,008	0,095	FALSE
0,010	0,313	0,000	0,011	0,005	FALSE
-0,191	0,306	-0,004	0,007	0,251	FALSE
-0,068	0,318	-0,002	0,008	0,089	FALSE
-0,147	0,314	-0,003	0,006	0,214	FALSE
-0,010	0,309	0,000	0,008	0,008	FALSE
-0,140	0,310	-0,004	0,008	0,190	FALSE
0,079	0,308	0,003	0,011	0,084	FALSE

-0,012	0,306	0,000	0,010	0,012	FALSE
-0,002	0,303	-0,001	0,012	0,040	FALSE
0,041	0,310	0,001	0,008	0,041	FALSE
0,077	0,302	0,002	0,007	0,091	FALSE
-0,016	0,297	-0,001	0,008	0,047	FALSE
0,088	0,300	0,002	0,009	0,110	FALSE
0,040	0,315	0,001	0,008	0,053	FALSE
-0,219	0,306	-0,005	0,007	0,311	FALSE
-0,032	0,314	-0,001	0,007	0,064	FALSE
-0,119	0,304	-0,003	0,006	0,172	FALSE
-0,061	0,299	-0,001	0,006	0,066	FALSE
-0,027	0,295	-0,001	0,010	0,044	FALSE
0,047	0,296	0,001	0,006	0,069	FALSE
-0,010	0,300	-0,001	0,011	0,019	FALSE
0,078	0,317	0,002	0,010	0,098	FALSE
-0,002	0,303	0,000	0,012	0,005	FALSE
-0,106	0,314	-0,003	0,008	0,143	FALSE
-0,028	0,305	-0,002	0,010	0,074	FALSE
0,023	0,318	0,001	0,008	0,040	FALSE
-0,085	0,302	-0,002	0,007	0,105	FALSE
0,027	0,303	0,001	0,007	0,054	FALSE
0,044	0,319	0,001	0,007	0,069	FALSE
-0,018	0,301	0,000	0,010	0,015	FALSE
-0,042	0,312	-0,002	0,009	0,069	FALSE
-0,022	0,287	-0,001	0,012	0,030	FALSE
0,073	0,314	0,003	0,013	0,090	FALSE
-0,013	0,306	-0,001	0,009	0,025	FALSE
0,060	0,296	0,002	0,010	0,065	FALSE
0,037	0,313	0,001	0,008	0,066	FALSE
-0,025	0,300	-0,001	0,012	0,040	FALSE
0,011	0,314	0,000	0,012	0,002	FALSE
-0,111	0,297	-0,003	0,007	0,161	FALSE
-0,042	0,309	-0,001	0,007	0,081	FALSE
0,022	0,313	0,002	0,012	0,047	FALSE
0,001	0,308	0,000	0,007	0,020	FALSE
-0,128	0,304	-0,003	0,007	0,157	FALSE
0,078	0,303	0,001	0,007	0,077	FALSE
0,130	0,317	0,005	0,012	0,163	FALSE
-0,034	0,306	-0,001	0,013	0,022	FALSE
-0,008	0,312	-0,001	0,008	0,028	FALSE
0,010	0,320	0,000	0,010	0,002	FALSE
0,142	0,304	0,005	0,011	0,182	FALSE
-0,008	0,303	0,000	0,006	0,002	FALSE
0,160	0,307	0,006	0,012	0,197	FALSE
0,061	0,318	0,002	0,010	0,062	FALSE
0,132	0,306	0,005	0,011	0,212	FALSE
-0,092	0,308	-0,003	0,007	0,155	FALSE
-0,030	0,299	-0,002	0,012	0,068	FALSE
0,036	0,305	0,000	0,008	0,014	FALSE
-0,001	0,310	0,000	0,011	0,013	FALSE
-0,128	0,297	-0,005	0,009	0,222	FALSE
-0,001	0,310	0,000	0,013	0,000	FALSE
-0,016	0,293	0,000	0,007	0,013	FALSE

-0,122	0,306	-0,004	0,011	0,131	FALSE
-0,075	0,313	-0,002	0,007	0,090	FALSE
0,057	0,317	0,001	0,011	0,043	FALSE
0,138	0,292	0,003	0,007	0,182	FALSE
0,136	0,299	0,003	0,007	0,166	FALSE
0,036	0,303	0,003	0,012	0,080	FALSE
-0,058	0,318	-0,002	0,008	0,090	FALSE
0,073	0,320	0,002	0,013	0,052	FALSE
0,005	0,296	0,000	0,007	0,005	FALSE
-0,122	0,297	-0,005	0,009	0,231	FALSE
-0,074	0,314	-0,002	0,007	0,087	FALSE
-0,012	0,319	0,000	0,006	0,000	FALSE
-0,145	0,307	-0,005	0,010	0,211	FALSE
-0,084	0,304	-0,003	0,009	0,110	FALSE
-0,070	0,304	-0,001	0,013	0,040	FALSE
0,015	0,304	0,000	0,012	0,002	FALSE
0,054	0,318	0,001	0,012	0,043	FALSE
0,038	0,301	0,001	0,009	0,057	FALSE
0,046	0,291	0,002	0,008	0,076	FALSE
0,009	0,310	0,000	0,006	0,004	FALSE
-0,055	0,309	-0,002	0,010	0,079	FALSE
-0,049	0,313	-0,002	0,010	0,073	FALSE
0,050	0,306	0,003	0,012	0,085	FALSE
-0,075	0,317	-0,002	0,008	0,118	FALSE
0,020	0,312	0,000	0,010	0,007	FALSE
-0,060	0,301	-0,002	0,009	0,078	FALSE
0,049	0,311	0,001	0,012	0,039	FALSE
0,063	0,323	0,001	0,009	0,063	FALSE
0,076	0,299	0,002	0,008	0,088	FALSE
0,035	0,303	0,001	0,007	0,072	FALSE
0,015	0,300	0,001	0,007	0,029	FALSE
-0,025	0,304	0,000	0,007	0,012	FALSE
-0,185	0,293	-0,004	0,007	0,255	FALSE
0,059	0,304	0,004	0,012	0,113	FALSE
0,062	0,311	0,004	0,013	0,113	FALSE
0,142	0,302	0,005	0,012	0,182	FALSE
-0,026	0,307	0,000	0,008	0,015	FALSE
0,009	0,297	0,000	0,011	0,012	FALSE
0,016	0,319	0,001	0,011	0,026	FALSE
-0,093	0,311	-0,002	0,010	0,092	FALSE
0,055	0,300	0,001	0,007	0,074	FALSE
-0,050	0,307	-0,002	0,012	0,057	FALSE
0,034	0,311	0,001	0,010	0,046	FALSE
-0,135	0,310	-0,002	0,006	0,141	FALSE
-0,008	0,302	0,000	0,007	0,007	FALSE
-0,094	0,313	-0,004	0,012	0,136	FALSE
0,045	0,301	0,001	0,006	0,052	FALSE
-0,014	0,291	-0,001	0,008	0,030	FALSE
0,041	0,317	0,001	0,009	0,037	FALSE
0,031	0,315	0,001	0,009	0,022	FALSE
-0,092	0,301	-0,001	0,006	0,088	FALSE
-0,008	0,309	0,000	0,009	0,010	FALSE
-0,038	0,307	-0,001	0,007	0,044	FALSE

0,105	0,299	0,003	0,009	0,138	FALSE
0,099	0,311	0,003	0,010	0,120	FALSE
-0,099	0,301	-0,004	0,011	0,147	FALSE
0,013	0,303	0,000	0,008	0,008	FALSE
0,084	0,311	0,003	0,012	0,109	FALSE
-0,022	0,309	0,000	0,009	0,009	FALSE
-0,103	0,310	-0,003	0,007	0,141	FALSE
-0,029	0,300	-0,001	0,011	0,029	FALSE
-0,001	0,332	0,001	0,011	0,018	FALSE
-0,032	0,311	-0,001	0,008	0,029	FALSE
-0,035	0,314	-0,001	0,008	0,052	FALSE
0,115	0,299	0,005	0,011	0,182	FALSE
-0,008	0,304	0,000	0,012	0,007	FALSE
-0,016	0,295	0,000	0,007	0,002	FALSE
-0,118	0,297	-0,003	0,007	0,159	FALSE
-0,116	0,300	-0,002	0,007	0,142	FALSE
-0,143	0,307	-0,004	0,008	0,200	FALSE
0,091	0,302	0,002	0,007	0,090	FALSE
0,022	0,306	0,000	0,006	0,021	FALSE
-0,011	0,309	0,000	0,010	0,013	FALSE
-0,107	0,314	-0,002	0,007	0,116	FALSE
0,022	0,313	0,000	0,009	0,008	FALSE
0,063	0,308	0,002	0,009	0,103	FALSE
0,126	0,310	0,003	0,008	0,160	FALSE
-0,047	0,298	-0,002	0,007	0,098	FALSE
-0,030	0,293	0,000	0,006	0,016	FALSE
0,049	0,312	0,002	0,011	0,077	FALSE
-0,051	0,300	-0,002	0,010	0,079	FALSE
-0,024	0,324	-0,001	0,013	0,031	FALSE
0,120	0,299	0,005	0,012	0,158	FALSE
-0,051	0,309	-0,003	0,012	0,083	FALSE
-0,089	0,319	-0,003	0,008	0,131	FALSE
0,007	0,322	0,000	0,009	0,006	FALSE
0,015	0,324	0,000	0,008	0,009	FALSE
0,112	0,299	0,004	0,008	0,183	FALSE
0,166	0,306	0,005	0,008	0,257	FALSE
0,080	0,295	0,003	0,010	0,135	FALSE
-0,102	0,300	-0,006	0,012	0,190	FALSE
-0,022	0,306	-0,001	0,006	0,031	FALSE
0,070	0,301	0,001	0,007	0,056	FALSE
-0,011	0,307	-0,002	0,011	0,057	FALSE
0,036	0,317	0,001	0,009	0,034	FALSE
-0,098	0,310	-0,002	0,006	0,152	FALSE
0,017	0,314	0,001	0,008	0,026	FALSE
0,140	0,304	0,006	0,012	0,188	FALSE
-0,095	0,309	-0,002	0,007	0,117	FALSE
-0,065	0,309	-0,002	0,007	0,082	FALSE
0,089	0,299	0,002	0,009	0,110	FALSE
0,077	0,309	0,002	0,008	0,094	FALSE
0,069	0,297	0,004	0,010	0,139	FALSE
-0,019	0,294	0,000	0,007	0,006	FALSE
-0,020	0,299	-0,001	0,010	0,049	FALSE
0,019	0,292	0,002	0,012	0,050	FALSE

-0,045	0,299	-0,001	0,006	0,068	FALSE
0,000	0,301	0,000	0,008	0,014	FALSE
-0,103	0,303	-0,002	0,007	0,153	FALSE
0,072	0,307	0,003	0,013	0,103	FALSE
-0,037	0,316	-0,001	0,011	0,044	FALSE
-0,035	0,320	-0,001	0,007	0,029	FALSE
-0,052	0,318	-0,003	0,013	0,088	FALSE
-0,039	0,313	-0,001	0,009	0,054	FALSE
-0,087	0,300	-0,004	0,011	0,133	FALSE
-0,127	0,301	-0,003	0,007	0,154	FALSE
-0,078	0,300	-0,003	0,012	0,102	FALSE
-0,078	0,290	-0,003	0,011	0,111	FALSE
-0,069	0,300	-0,003	0,011	0,090	FALSE
-0,097	0,303	-0,002	0,006	0,132	FALSE
-0,100	0,295	-0,005	0,012	0,166	FALSE
-0,122	0,302	-0,003	0,008	0,176	FALSE
0,103	0,295	0,004	0,007	0,213	FALSE
-0,108	0,302	-0,005	0,012	0,156	FALSE
0,047	0,307	0,002	0,013	0,058	FALSE
-0,061	0,313	-0,003	0,011	0,101	FALSE
0,141	0,298	0,005	0,012	0,180	FALSE
-0,048	0,314	-0,001	0,010	0,054	FALSE
-0,077	0,313	-0,002	0,011	0,085	FALSE
-0,049	0,321	-0,001	0,008	0,051	FALSE
0,057	0,304	0,003	0,011	0,102	FALSE
-0,031	0,296	-0,002	0,012	0,052	FALSE
-0,054	0,310	-0,003	0,012	0,092	FALSE
-0,089	0,306	-0,002	0,007	0,122	FALSE
0,009	0,315	0,000	0,008	0,016	FALSE
0,001	0,310	0,001	0,010	0,026	FALSE
0,080	0,306	0,002	0,008	0,089	FALSE
-0,011	0,298	0,000	0,007	0,008	FALSE
0,030	0,301	0,000	0,008	0,017	FALSE
-0,082	0,302	-0,003	0,009	0,128	FALSE
-0,087	0,295	-0,004	0,011	0,146	FALSE
0,108	0,302	0,006	0,012	0,213	FALSE
-0,043	0,310	-0,001	0,008	0,058	FALSE
0,063	0,293	0,003	0,012	0,080	FALSE
0,035	0,310	0,002	0,011	0,057	FALSE
-0,023	0,311	-0,001	0,009	0,039	FALSE
-0,085	0,296	-0,002	0,011	0,077	FALSE
-0,049	0,312	-0,001	0,010	0,034	FALSE
-0,079	0,305	-0,002	0,008	0,082	FALSE
-0,134	0,299	-0,005	0,011	0,180	FALSE
-0,029	0,303	0,000	0,008	0,013	FALSE
0,057	0,328	0,001	0,007	0,061	FALSE
0,198	0,293	0,006	0,009	0,326	FALSE
0,089	0,302	0,001	0,007	0,068	FALSE
0,180	0,297	0,006	0,010	0,264	FALSE
0,138	0,311	0,004	0,010	0,188	FALSE
-0,149	0,314	-0,004	0,007	0,213	FALSE
-0,023	0,305	0,000	0,009	0,013	FALSE
-0,022	0,308	-0,001	0,010	0,027	FALSE

-0,022	0,301	-0,001	0,011	0,017	FALSE
-0,062	0,314	-0,002	0,008	0,100	FALSE
-0,018	0,290	0,000	0,007	0,021	FALSE
0,109	0,286	0,004	0,011	0,151	FALSE
0,001	0,296	0,001	0,008	0,029	FALSE
0,011	0,319	0,001	0,008	0,050	FALSE
0,056	0,297	0,002	0,009	0,102	FALSE
-0,003	0,314	0,000	0,013	0,005	FALSE
-0,137	0,309	-0,005	0,011	0,190	FALSE
0,232	0,281	0,010	0,012	0,389	FALSE
0,141	0,302	0,005	0,012	0,183	FALSE
-0,101	0,297	-0,003	0,008	0,146	FALSE
0,006	0,301	0,000	0,010	0,008	FALSE
-0,001	0,297	0,000	0,007	0,013	FALSE
0,084	0,310	0,003	0,011	0,096	FALSE
0,071	0,300	0,002	0,009	0,095	FALSE
0,017	0,302	0,001	0,011	0,034	FALSE
-0,132	0,296	-0,003	0,006	0,206	FALSE
0,025	0,319	0,001	0,008	0,026	FALSE
-0,072	0,307	-0,003	0,013	0,083	FALSE
0,055	0,315	0,002	0,007	0,094	FALSE
0,020	0,303	0,001	0,007	0,038	FALSE
0,017	0,309	0,001	0,010	0,053	FALSE
-0,002	0,304	0,001	0,010	0,019	FALSE
0,016	0,310	0,001	0,010	0,041	FALSE
-0,046	0,310	-0,001	0,007	0,038	FALSE
0,087	0,305	0,003	0,011	0,105	FALSE
-0,089	0,294	-0,004	0,011	0,148	FALSE
0,081	0,313	0,003	0,009	0,124	FALSE
-0,053	0,289	-0,001	0,007	0,076	FALSE
0,094	0,295	0,003	0,007	0,176	FALSE
-0,028	0,307	0,000	0,013	0,010	FALSE
0,148	0,301	0,005	0,010	0,234	FALSE
-0,030	0,307	-0,001	0,007	0,035	FALSE
-0,106	0,303	-0,002	0,008	0,107	FALSE
-0,020	0,298	-0,002	0,012	0,064	FALSE
-0,095	0,307	-0,004	0,011	0,150	FALSE
0,001	0,303	0,000	0,007	0,015	FALSE
-0,113	0,299	-0,005	0,011	0,185	FALSE
-0,103	0,313	-0,004	0,012	0,153	FALSE
0,008	0,307	0,000	0,007	0,005	FALSE
-0,101	0,297	-0,004	0,011	0,167	FALSE
-0,106	0,302	-0,002	0,008	0,124	FALSE
0,133	0,305	0,005	0,012	0,154	FALSE
-0,088	0,308	-0,002	0,007	0,128	FALSE
0,094	0,305	0,004	0,012	0,134	FALSE
-0,017	0,298	0,000	0,007	0,020	FALSE
0,066	0,305	0,002	0,009	0,096	FALSE
0,062	0,316	0,001	0,007	0,077	FALSE
-0,078	0,303	-0,002	0,010	0,071	FALSE
0,008	0,295	0,000	0,008	0,001	FALSE
0,102	0,305	0,003	0,007	0,171	FALSE
-0,067	0,303	-0,002	0,009	0,091	FALSE

0,022	0,311	0,001	0,009	0,046	FALSE
-0,022	0,308	-0,001	0,007	0,040	FALSE
-0,080	0,318	-0,003	0,013	0,093	FALSE
-0,091	0,308	-0,004	0,013	0,109	FALSE
-0,014	0,292	-0,001	0,007	0,044	FALSE
0,076	0,308	0,003	0,013	0,083	FALSE
0,170	0,298	0,006	0,011	0,255	FALSE
0,037	0,299	0,000	0,012	0,002	FALSE
-0,014	0,301	-0,001	0,007	0,033	FALSE
0,012	0,307	-0,001	0,009	0,020	FALSE
0,052	0,302	0,001	0,007	0,041	FALSE
0,120	0,301	0,003	0,007	0,182	FALSE
0,215	0,302	0,004	0,006	0,325	FALSE
0,104	0,319	0,003	0,009	0,122	FALSE
-0,148	0,321	-0,006	0,012	0,193	FALSE
0,036	0,292	0,001	0,006	0,050	FALSE
0,062	0,300	0,002	0,007	0,113	FALSE
-0,038	0,297	-0,001	0,008	0,068	FALSE
-0,092	0,299	-0,002	0,006	0,138	FALSE
0,058	0,312	0,001	0,006	0,074	FALSE
-0,001	0,310	0,000	0,011	0,003	FALSE
-0,055	0,314	-0,002	0,011	0,080	FALSE
-0,027	0,323	-0,001	0,008	0,051	FALSE
0,159	0,313	0,003	0,006	0,238	FALSE
0,177	0,291	0,003	0,006	0,238	FALSE
0,160	0,298	0,003	0,006	0,223	FALSE
0,086	0,304	0,002	0,008	0,097	FALSE
-0,118	0,302	-0,003	0,007	0,156	FALSE
0,066	0,314	0,003	0,010	0,098	FALSE
-0,060	0,309	-0,002	0,009	0,084	FALSE
-0,086	0,308	-0,003	0,008	0,141	FALSE
-0,012	0,318	-0,001	0,012	0,024	FALSE
-0,051	0,303	-0,002	0,011	0,071	FALSE
-0,099	0,303	-0,004	0,012	0,141	FALSE
-0,095	0,322	-0,004	0,012	0,123	FALSE
0,043	0,302	0,002	0,012	0,061	FALSE
0,094	0,295	0,004	0,009	0,157	FALSE
-0,066	0,311	-0,002	0,010	0,086	FALSE
-0,080	0,300	-0,003	0,009	0,115	FALSE
0,017	0,298	0,001	0,010	0,022	FALSE
0,090	0,306	0,003	0,012	0,104	FALSE
0,126	0,297	0,004	0,007	0,249	FALSE
0,128	0,293	0,004	0,011	0,151	FALSE
0,131	0,295	0,004	0,012	0,149	FALSE
0,068	0,301	0,002	0,008	0,122	FALSE
-0,029	0,306	-0,002	0,012	0,055	FALSE
-0,028	0,306	-0,001	0,009	0,035	FALSE
0,164	0,287	0,006	0,011	0,239	FALSE
0,090	0,290	0,002	0,009	0,114	FALSE
-0,056	0,321	-0,001	0,007	0,050	FALSE
-0,073	0,303	-0,002	0,010	0,069	FALSE
-0,069	0,307	-0,003	0,010	0,097	FALSE
-0,155	0,297	-0,003	0,007	0,200	FALSE

0,055	0,302	0,001	0,007	0,052	FALSE
0,053	0,309	0,001	0,009	0,041	FALSE
0,147	0,292	0,004	0,007	0,212	FALSE
0,087	0,306	0,002	0,009	0,098	FALSE
0,004	0,308	0,000	0,009	0,013	FALSE
0,152	0,301	0,006	0,011	0,210	FALSE
-0,170	0,315	-0,007	0,012	0,248	FALSE
-0,192	0,304	-0,006	0,010	0,266	FALSE
-0,179	0,309	-0,006	0,010	0,249	FALSE
0,050	0,303	0,002	0,008	0,100	FALSE
0,113	0,301	0,004	0,012	0,152	FALSE
0,004	0,313	0,000	0,008	0,019	FALSE
0,044	0,305	0,001	0,007	0,060	FALSE
-0,083	0,287	-0,003	0,010	0,117	FALSE
-0,109	0,311	-0,002	0,007	0,135	FALSE
0,033	0,308	0,001	0,012	0,027	FALSE
-0,013	0,311	-0,001	0,008	0,030	FALSE
0,011	0,307	0,001	0,011	0,037	FALSE
0,071	0,307	0,002	0,007	0,089	FALSE
-0,043	0,296	-0,002	0,011	0,074	FALSE
-0,029	0,309	0,000	0,007	0,010	FALSE
-0,104	0,302	-0,006	0,013	0,188	FALSE
-0,069	0,307	-0,005	0,013	0,145	FALSE
0,048	0,300	0,001	0,008	0,063	FALSE
0,005	0,319	0,000	0,008	0,006	FALSE
-0,057	0,311	-0,001	0,007	0,039	FALSE
0,071	0,295	0,002	0,011	0,080	FALSE
-0,053	0,297	-0,001	0,009	0,045	FALSE
-0,032	0,300	-0,001	0,009	0,021	FALSE
-0,039	0,305	-0,001	0,008	0,055	FALSE
0,034	0,305	0,000	0,007	0,019	FALSE
-0,003	0,297	-0,001	0,011	0,020	FALSE
0,108	0,300	0,002	0,006	0,132	FALSE
0,087	0,309	0,002	0,008	0,122	FALSE
0,037	0,306	0,001	0,008	0,025	FALSE
0,107	0,300	0,002	0,006	0,144	FALSE
0,028	0,305	0,001	0,013	0,028	FALSE
0,054	0,312	0,001	0,008	0,046	FALSE
0,027	0,304	0,001	0,008	0,031	FALSE
0,016	0,313	0,000	0,013	0,010	FALSE
-0,035	0,301	-0,002	0,011	0,059	FALSE
-0,008	0,309	-0,001	0,008	0,027	FALSE
-0,013	0,299	0,000	0,009	0,006	FALSE
-0,049	0,296	-0,002	0,008	0,091	FALSE
-0,024	0,310	-0,001	0,009	0,025	FALSE
-0,012	0,301	0,000	0,007	0,021	FALSE
0,000	0,300	-0,001	0,009	0,029	FALSE
0,192	0,284	0,006	0,008	0,358	FALSE
-0,143	0,312	-0,005	0,009	0,239	FALSE
-0,100	0,307	-0,003	0,011	0,110	FALSE
0,129	0,276	0,004	0,007	0,242	FALSE
-0,101	0,295	-0,002	0,006	0,124	FALSE
0,055	0,290	0,004	0,011	0,126	FALSE

-0,077	0,308	-0,003	0,010	0,107	FALSE
-0,123	0,286	-0,003	0,008	0,157	FALSE
0,026	0,318	0,002	0,012	0,048	FALSE
-0,086	0,296	-0,002	0,007	0,130	FALSE
-0,054	0,297	-0,001	0,007	0,042	FALSE
-0,019	0,314	0,000	0,013	0,012	FALSE
-0,144	0,300	-0,003	0,007	0,191	FALSE
0,022	0,293	0,000	0,011	0,000	FALSE
-0,076	0,307	-0,004	0,011	0,146	FALSE
0,036	0,283	0,000	0,010	0,005	FALSE
0,059	0,305	0,001	0,006	0,065	FALSE
0,057	0,304	0,000	0,006	0,018	FALSE
0,015	0,312	0,000	0,007	0,007	FALSE
-0,004	0,308	0,000	0,010	0,017	FALSE
0,038	0,300	0,001	0,008	0,052	FALSE
0,005	0,304	0,001	0,012	0,016	FALSE
0,038	0,314	0,001	0,006	0,067	FALSE
-0,060	0,305	-0,002	0,007	0,081	FALSE
0,062	0,302	0,001	0,007	0,077	FALSE
-0,059	0,308	-0,001	0,007	0,071	FALSE
-0,091	0,308	-0,004	0,012	0,127	FALSE
-0,011	0,316	-0,001	0,008	0,030	FALSE
-0,082	0,291	-0,003	0,009	0,106	FALSE
0,124	0,296	0,005	0,012	0,161	FALSE
0,029	0,296	0,002	0,009	0,065	FALSE
-0,131	0,303	-0,004	0,011	0,147	FALSE
0,116	0,289	0,003	0,006	0,209	FALSE
-0,041	0,304	-0,001	0,006	0,053	FALSE
-0,019	0,290	0,000	0,010	0,007	FALSE
0,134	0,299	0,003	0,006	0,178	FALSE
0,071	0,305	0,003	0,012	0,081	FALSE
0,004	0,320	0,000	0,012	0,002	FALSE
0,176	0,312	0,004	0,007	0,266	FALSE
-0,036	0,304	-0,001	0,012	0,045	FALSE
-0,164	0,301	-0,005	0,009	0,248	FALSE
-0,077	0,309	-0,002	0,008	0,120	FALSE
-0,073	0,307	-0,002	0,008	0,116	FALSE
-0,007	0,314	0,000	0,007	0,003	FALSE
0,144	0,292	0,006	0,010	0,241	FALSE
-0,099	0,300	-0,004	0,009	0,154	FALSE
-0,061	0,309	-0,003	0,013	0,089	FALSE
-0,087	0,303	-0,001	0,006	0,076	FALSE
-0,061	0,313	-0,002	0,013	0,069	FALSE
0,054	0,315	0,002	0,008	0,089	FALSE
-0,006	0,304	0,000	0,009	0,012	FALSE
0,154	0,304	0,006	0,011	0,237	FALSE
-0,045	0,301	-0,001	0,011	0,021	FALSE
-0,017	0,306	0,000	0,010	0,015	FALSE
0,101	0,293	0,004	0,010	0,151	FALSE
-0,047	0,298	0,000	0,008	0,022	FALSE
-0,133	0,305	-0,005	0,010	0,199	FALSE
0,003	0,317	0,000	0,008	0,006	FALSE
-0,039	0,315	-0,001	0,011	0,043	FALSE

-0,045	0,314	-0,001	0,010	0,028	FALSE
0,017	0,316	0,001	0,013	0,026	FALSE
0,008	0,298	0,000	0,011	0,016	FALSE
0,066	0,305	0,003	0,012	0,083	FALSE
-0,035	0,317	-0,002	0,011	0,059	FALSE
-0,042	0,312	-0,002	0,011	0,070	FALSE
0,086	0,308	0,002	0,006	0,112	FALSE
0,015	0,315	0,001	0,006	0,040	FALSE
0,020	0,292	0,001	0,006	0,048	FALSE
-0,038	0,301	-0,001	0,008	0,055	FALSE
0,064	0,290	0,003	0,011	0,105	FALSE
-0,052	0,313	-0,003	0,012	0,090	FALSE
0,075	0,319	0,002	0,008	0,099	FALSE
-0,048	0,315	-0,001	0,008	0,060	FALSE
-0,054	0,304	-0,002	0,009	0,078	FALSE
-0,061	0,309	-0,003	0,013	0,076	FALSE
0,030	0,297	0,001	0,011	0,029	FALSE
0,038	0,311	0,002	0,011	0,051	FALSE
-0,059	0,316	-0,003	0,012	0,087	FALSE
-0,002	0,317	0,000	0,006	0,005	FALSE
0,012	0,309	0,000	0,007	0,025	FALSE
-0,040	0,310	0,000	0,007	0,013	FALSE
-0,066	0,313	-0,001	0,007	0,067	FALSE
-0,048	0,304	-0,001	0,007	0,059	FALSE
0,015	0,304	0,000	0,006	0,021	FALSE
0,087	0,292	0,002	0,006	0,137	FALSE
-0,058	0,305	-0,001	0,009	0,052	FALSE
0,052	0,291	0,001	0,008	0,053	FALSE
-0,035	0,308	-0,001	0,007	0,051	FALSE
-0,059	0,298	-0,002	0,010	0,087	FALSE
0,135	0,296	0,006	0,011	0,227	FALSE
0,150	0,304	0,005	0,009	0,253	FALSE
-0,138	0,313	-0,004	0,009	0,201	FALSE
-0,062	0,301	-0,002	0,007	0,091	FALSE
0,031	0,312	0,001	0,010	0,040	FALSE
-0,101	0,304	-0,003	0,009	0,116	FALSE
0,068	0,299	0,001	0,009	0,042	FALSE
0,045	0,307	0,002	0,008	0,111	FALSE
-0,035	0,317	-0,001	0,010	0,040	FALSE
0,023	0,286	0,002	0,010	0,076	FALSE
0,016	0,311	0,000	0,010	0,009	FALSE
-0,034	0,305	-0,001	0,012	0,021	FALSE
-0,109	0,300	-0,003	0,007	0,158	FALSE
-0,012	0,318	0,000	0,008	0,014	FALSE
-0,057	0,300	-0,003	0,011	0,106	FALSE
-0,057	0,305	-0,001	0,006	0,073	FALSE
0,048	0,316	0,002	0,010	0,062	FALSE
0,049	0,300	0,001	0,007	0,076	FALSE
-0,021	0,301	-0,001	0,008	0,026	FALSE
0,075	0,312	0,003	0,012	0,092	FALSE
0,022	0,307	0,000	0,011	0,008	FALSE
0,127	0,310	0,004	0,011	0,146	FALSE
-0,040	0,308	-0,001	0,007	0,029	FALSE

-0,025	0,307	-0,002	0,012	0,060	FALSE
-0,060	0,314	-0,003	0,009	0,113	FALSE
-0,028	0,293	-0,001	0,007	0,028	FALSE
0,072	0,305	0,003	0,012	0,096	FALSE
-0,019	0,310	-0,001	0,008	0,024	FALSE
-0,059	0,297	-0,003	0,009	0,124	FALSE
-0,001	0,315	0,000	0,007	0,012	FALSE
0,090	0,307	0,003	0,011	0,111	FALSE
-0,165	0,310	-0,006	0,011	0,235	FALSE
0,079	0,286	0,003	0,011	0,106	FALSE
-0,024	0,308	-0,001	0,012	0,031	FALSE
0,083	0,299	0,001	0,006	0,058	FALSE
-0,117	0,307	-0,004	0,011	0,140	FALSE
0,032	0,310	0,002	0,008	0,085	FALSE
-0,039	0,303	0,000	0,008	0,011	FALSE
0,044	0,301	0,002	0,010	0,081	FALSE
0,130	0,309	0,004	0,007	0,203	FALSE
-0,057	0,303	-0,002	0,006	0,107	FALSE
-0,062	0,306	-0,002	0,006	0,116	FALSE
-0,118	0,305	-0,003	0,007	0,169	FALSE
-0,051	0,316	-0,001	0,009	0,060	FALSE
-0,076	0,293	-0,002	0,010	0,081	FALSE
-0,033	0,294	-0,002	0,011	0,076	FALSE
-0,079	0,302	-0,004	0,012	0,134	FALSE
0,012	0,292	0,000	0,009	0,006	FALSE
-0,006	0,320	0,000	0,013	0,011	FALSE
-0,050	0,307	-0,002	0,009	0,094	FALSE
-0,075	0,315	-0,003	0,010	0,129	FALSE
0,016	0,312	0,001	0,011	0,041	FALSE
0,013	0,314	0,000	0,009	0,002	FALSE
0,001	0,321	0,000	0,011	0,003	FALSE
0,012	0,306	0,000	0,010	0,002	FALSE
0,044	0,321	0,002	0,008	0,069	FALSE
-0,007	0,305	0,000	0,009	0,016	FALSE
0,056	0,322	0,002	0,012	0,071	FALSE
-0,048	0,316	-0,002	0,011	0,067	FALSE
0,208	0,287	0,006	0,007	0,394	FALSE
-0,168	0,306	-0,007	0,013	0,231	FALSE
0,098	0,310	0,002	0,008	0,115	FALSE
0,044	0,317	0,002	0,011	0,058	FALSE
0,058	0,319	0,002	0,011	0,075	FALSE
0,042	0,301	0,001	0,009	0,028	FALSE
-0,086	0,296	-0,004	0,011	0,133	FALSE
-0,036	0,303	-0,001	0,007	0,047	FALSE
0,010	0,292	0,000	0,006	0,002	FALSE
-0,051	0,309	-0,001	0,007	0,070	FALSE
-0,052	0,303	-0,002	0,011	0,061	FALSE
-0,067	0,310	-0,003	0,012	0,087	FALSE
-0,090	0,291	-0,004	0,012	0,123	FALSE
-0,048	0,310	-0,001	0,007	0,050	FALSE
0,029	0,306	0,001	0,009	0,039	FALSE
0,115	0,303	0,004	0,012	0,146	FALSE
-0,005	0,312	0,001	0,011	0,023	FALSE

-0,117	0,289	-0,005	0,011	0,197	FALSE
-0,086	0,299	-0,004	0,009	0,173	FALSE
-0,101	0,297	-0,004	0,011	0,141	FALSE
-0,024	0,305	-0,001	0,012	0,047	FALSE
-0,037	0,318	-0,001	0,007	0,039	FALSE
-0,068	0,306	-0,002	0,011	0,084	FALSE
-0,068	0,322	-0,001	0,007	0,058	FALSE
-0,115	0,313	-0,003	0,009	0,129	FALSE
-0,027	0,315	-0,002	0,012	0,051	FALSE
0,056	0,301	0,001	0,008	0,055	FALSE
0,006	0,309	0,000	0,006	0,022	FALSE
0,011	0,309	0,001	0,007	0,036	FALSE
0,052	0,309	0,003	0,012	0,090	FALSE
-0,061	0,304	-0,002	0,008	0,071	FALSE
0,022	0,300	0,001	0,007	0,036	FALSE
0,000	0,293	0,000	0,007	0,002	FALSE
-0,123	0,299	-0,005	0,011	0,177	FALSE
-0,079	0,307	-0,004	0,012	0,115	FALSE
0,035	0,311	0,001	0,008	0,045	FALSE
0,067	0,315	0,003	0,010	0,107	FALSE
-0,039	0,311	-0,001	0,008	0,064	FALSE
0,010	0,323	0,000	0,009	0,001	FALSE
-0,011	0,304	-0,001	0,010	0,026	FALSE
0,065	0,318	0,002	0,007	0,120	FALSE
-0,033	0,309	-0,001	0,009	0,037	FALSE
0,012	0,311	0,001	0,009	0,023	FALSE
-0,043	0,303	-0,002	0,008	0,086	FALSE
-0,029	0,316	0,000	0,007	0,020	FALSE
0,123	0,293	0,004	0,012	0,121	FALSE
-0,005	0,314	0,000	0,007	0,001	FALSE
0,022	0,312	0,001	0,008	0,037	FALSE
0,040	0,318	0,002	0,010	0,057	FALSE
0,071	0,302	0,003	0,008	0,127	FALSE
-0,194	0,289	-0,004	0,006	0,307	FALSE
-0,002	0,308	0,000	0,012	0,009	FALSE
0,008	0,308	-0,001	0,012	0,015	FALSE
-0,050	0,312	-0,001	0,007	0,073	FALSE
0,090	0,308	0,002	0,011	0,083	FALSE
0,166	0,310	0,006	0,011	0,235	FALSE
0,111	0,316	0,002	0,007	0,134	FALSE
0,097	0,311	0,004	0,011	0,143	FALSE
0,078	0,306	0,004	0,012	0,124	FALSE
-0,164	0,293	-0,006	0,011	0,203	FALSE
0,012	0,306	0,000	0,011	0,012	FALSE
-0,041	0,318	-0,001	0,006	0,045	FALSE
-0,082	0,313	-0,004	0,012	0,115	FALSE
0,088	0,298	0,004	0,011	0,128	FALSE
-0,005	0,295	-0,001	0,009	0,023	FALSE
0,141	0,312	0,004	0,007	0,216	FALSE
0,084	0,289	0,002	0,006	0,128	FALSE
0,073	0,310	0,003	0,013	0,096	FALSE
-0,048	0,311	-0,001	0,007	0,063	FALSE
0,045	0,301	0,000	0,010	0,010	FALSE

-0,067	0,307	-0,002	0,010	0,055	FALSE
0,046	0,307	0,000	0,007	0,025	FALSE
0,056	0,307	0,001	0,007	0,069	FALSE
-0,028	0,298	-0,001	0,006	0,035	FALSE
-0,090	0,309	-0,003	0,011	0,093	FALSE
-0,033	0,319	-0,001	0,013	0,037	FALSE
-0,053	0,316	-0,002	0,012	0,071	FALSE
0,017	0,308	0,000	0,008	0,021	FALSE
-0,047	0,308	-0,001	0,006	0,039	FALSE
-0,015	0,290	-0,001	0,008	0,035	FALSE
-0,085	0,297	-0,003	0,009	0,121	FALSE
-0,021	0,298	-0,001	0,010	0,047	FALSE
-0,033	0,300	-0,002	0,010	0,062	FALSE
-0,030	0,315	-0,001	0,009	0,044	FALSE
0,132	0,298	0,003	0,007	0,177	FALSE
-0,001	0,313	0,000	0,007	0,020	FALSE
0,117	0,315	0,004	0,012	0,129	FALSE
0,029	0,316	0,001	0,013	0,022	FALSE
-0,029	0,300	0,000	0,010	0,011	FALSE
0,015	0,317	0,001	0,013	0,019	FALSE
-0,011	0,305	-0,001	0,008	0,050	FALSE
-0,058	0,315	-0,002	0,013	0,068	FALSE
-0,026	0,313	-0,001	0,009	0,058	FALSE
0,081	0,305	0,002	0,008	0,093	FALSE
0,080	0,306	0,002	0,007	0,122	FALSE
-0,040	0,312	-0,001	0,007	0,034	FALSE
-0,067	0,303	-0,003	0,012	0,113	FALSE
-0,084	0,308	-0,003	0,012	0,097	FALSE
-0,122	0,310	-0,004	0,009	0,160	FALSE
0,009	0,317	0,000	0,007	0,024	FALSE
-0,085	0,307	-0,003	0,010	0,114	FALSE
0,116	0,315	0,003	0,006	0,168	FALSE
0,170	0,294	0,006	0,012	0,229	FALSE
0,041	0,310	0,002	0,013	0,061	FALSE
-0,112	0,308	-0,003	0,008	0,156	FALSE
0,049	0,312	0,001	0,007	0,048	FALSE
-0,071	0,312	-0,002	0,009	0,066	FALSE
0,035	0,326	0,001	0,011	0,019	FALSE
0,041	0,311	0,001	0,008	0,025	FALSE
-0,002	0,310	0,000	0,010	0,003	FALSE
0,007	0,319	0,000	0,009	0,018	FALSE
0,063	0,304	0,003	0,012	0,099	FALSE
0,067	0,298	0,001	0,006	0,081	FALSE
-0,075	0,316	-0,002	0,006	0,115	FALSE
0,009	0,311	0,000	0,009	0,018	FALSE
0,054	0,299	0,001	0,008	0,046	FALSE
0,131	0,290	0,003	0,006	0,200	FALSE
-0,033	0,304	0,000	0,011	0,009	FALSE
-0,020	0,312	0,000	0,008	0,003	FALSE
0,059	0,300	0,001	0,006	0,086	FALSE
-0,003	0,299	0,000	0,007	0,005	FALSE
-0,005	0,300	0,000	0,007	0,007	FALSE
-0,011	0,312	-0,001	0,009	0,031	FALSE

-0,001	0,299	0,000	0,012	0,009	FALSE
-0,013	0,301	0,000	0,007	0,018	FALSE
-0,074	0,298	-0,003	0,008	0,119	FALSE
0,007	0,326	0,000	0,012	0,013	FALSE
-0,020	0,304	0,000	0,007	0,026	FALSE
-0,027	0,314	0,000	0,008	0,000	FALSE
-0,003	0,293	-0,001	0,012	0,028	FALSE
-0,123	0,303	-0,002	0,007	0,150	FALSE
-0,022	0,318	-0,001	0,007	0,031	FALSE
0,129	0,298	0,004	0,009	0,182	FALSE
-0,029	0,303	-0,001	0,008	0,034	FALSE
-0,028	0,312	-0,002	0,008	0,067	FALSE
0,073	0,312	0,002	0,009	0,082	FALSE
0,093	0,312	0,002	0,009	0,102	FALSE
0,082	0,288	0,002	0,008	0,120	FALSE
0,071	0,319	0,002	0,009	0,075	FALSE
0,064	0,306	0,002	0,009	0,091	FALSE
-0,067	0,320	-0,002	0,010	0,066	FALSE
0,031	0,306	0,000	0,012	0,005	FALSE
0,079	0,300	0,002	0,007	0,085	FALSE
-0,015	0,311	-0,001	0,007	0,036	FALSE
0,031	0,304	0,001	0,008	0,050	FALSE
0,076	0,306	0,001	0,006	0,084	FALSE
-0,064	0,306	-0,001	0,007	0,062	FALSE
0,014	0,316	0,001	0,009	0,027	FALSE
-0,004	0,306	0,000	0,011	0,000	FALSE
-0,019	0,309	-0,001	0,007	0,050	FALSE
0,007	0,304	0,001	0,012	0,033	FALSE
-0,055	0,321	-0,001	0,007	0,066	FALSE
0,004	0,291	0,001	0,011	0,016	FALSE
0,014	0,301	0,000	0,007	0,010	FALSE
0,036	0,304	0,001	0,006	0,059	FALSE
0,031	0,313	0,001	0,009	0,053	FALSE
0,055	0,299	0,002	0,009	0,076	FALSE
0,035	0,311	0,001	0,011	0,037	FALSE
0,052	0,308	0,001	0,006	0,053	FALSE
0,175	0,293	0,004	0,006	0,289	FALSE
-0,018	0,299	0,000	0,007	0,024	FALSE
-0,037	0,306	-0,001	0,007	0,048	FALSE
0,073	0,302	0,002	0,007	0,113	FALSE
-0,079	0,301	-0,001	0,006	0,076	FALSE
-0,031	0,311	-0,001	0,012	0,019	FALSE
-0,022	0,318	0,000	0,006	0,021	FALSE
-0,018	0,302	-0,001	0,009	0,035	FALSE
0,032	0,307	0,001	0,007	0,075	FALSE
-0,026	0,303	-0,001	0,006	0,034	FALSE
-0,052	0,308	-0,001	0,011	0,049	FALSE
-0,062	0,313	-0,001	0,006	0,073	FALSE
0,063	0,305	0,003	0,011	0,087	FALSE
0,037	0,304	0,001	0,007	0,034	FALSE
0,040	0,302	0,000	0,007	0,025	FALSE
0,056	0,296	0,002	0,012	0,071	FALSE
-0,084	0,297	-0,004	0,011	0,137	FALSE

-0,130	0,305	-0,005	0,013	0,160	FALSE
0,101	0,315	0,004	0,012	0,145	FALSE
-0,015	0,328	0,000	0,007	0,009	FALSE
0,021	0,291	0,000	0,011	0,005	FALSE
-0,051	0,316	-0,002	0,008	0,069	FALSE
-0,039	0,311	-0,002	0,012	0,056	FALSE
-0,091	0,305	-0,002	0,006	0,131	FALSE
-0,158	0,302	-0,004	0,008	0,239	FALSE
-0,069	0,301	-0,002	0,009	0,089	FALSE
0,020	0,309	0,000	0,012	0,005	FALSE
-0,060	0,307	-0,002	0,012	0,054	FALSE
-0,047	0,305	-0,001	0,009	0,043	FALSE
0,044	0,314	0,001	0,008	0,065	FALSE
-0,093	0,316	-0,002	0,006	0,131	FALSE
0,019	0,309	0,000	0,006	0,014	FALSE
-0,007	0,303	-0,001	0,009	0,028	FALSE
0,110	0,302	0,005	0,013	0,162	FALSE
0,114	0,298	0,005	0,012	0,171	FALSE
0,073	0,310	0,002	0,013	0,073	FALSE
-0,042	0,295	-0,001	0,010	0,035	FALSE
-0,008	0,298	0,000	0,007	0,007	FALSE
-0,041	0,303	-0,001	0,008	0,036	FALSE
-0,099	0,299	-0,003	0,008	0,137	FALSE
0,043	0,298	0,002	0,008	0,099	FALSE
-0,046	0,302	-0,002	0,011	0,063	FALSE
0,032	0,316	0,002	0,012	0,055	FALSE
-0,104	0,324	-0,004	0,011	0,129	FALSE
-0,014	0,320	-0,001	0,007	0,055	FALSE
-0,007	0,304	0,000	0,006	0,005	FALSE
-0,172	0,300	-0,008	0,012	0,282	FALSE
0,032	0,308	0,001	0,008	0,036	FALSE
0,103	0,309	0,004	0,011	0,139	FALSE
-0,114	0,293	-0,005	0,010	0,193	FALSE
0,015	0,300	0,000	0,011	0,001	FALSE
-0,210	0,312	-0,008	0,011	0,314	FALSE
-0,017	0,306	0,000	0,011	0,012	FALSE
-0,008	0,311	-0,001	0,008	0,025	FALSE
-0,049	0,304	-0,003	0,009	0,110	FALSE
0,136	0,292	0,004	0,009	0,194	FALSE
0,065	0,302	0,003	0,012	0,107	FALSE
0,120	0,307	0,003	0,008	0,176	FALSE
0,106	0,307	0,002	0,007	0,121	FALSE
-0,009	0,301	0,000	0,012	0,004	FALSE
0,006	0,305	0,001	0,011	0,024	FALSE
0,030	0,299	0,002	0,011	0,069	FALSE
-0,113	0,317	-0,003	0,007	0,167	FALSE
-0,017	0,299	-0,001	0,007	0,041	FALSE
-0,109	0,294	-0,004	0,012	0,117	FALSE
-0,039	0,322	-0,001	0,007	0,025	FALSE
0,057	0,295	0,002	0,008	0,088	FALSE
0,007	0,320	0,000	0,008	0,004	FALSE
0,059	0,305	0,001	0,007	0,076	FALSE
-0,017	0,302	-0,001	0,012	0,029	FALSE

0,005	0,316	0,001	0,007	0,033	FALSE
0,004	0,306	0,000	0,012	0,008	FALSE
-0,013	0,295	-0,001	0,011	0,035	FALSE
0,025	0,308	0,001	0,009	0,049	FALSE
0,036	0,302	0,001	0,010	0,051	FALSE
-0,025	0,305	0,000	0,007	0,002	FALSE
0,036	0,288	0,001	0,012	0,031	FALSE
0,089	0,283	0,002	0,006	0,126	FALSE
-0,079	0,307	-0,003	0,010	0,093	FALSE
-0,085	0,308	-0,002	0,006	0,105	FALSE
-0,042	0,319	-0,003	0,013	0,078	FALSE
0,146	0,311	0,007	0,013	0,230	FALSE
-0,166	0,294	-0,004	0,008	0,239	FALSE
-0,118	0,302	-0,005	0,011	0,182	FALSE
-0,110	0,293	-0,005	0,011	0,180	FALSE
0,070	0,304	0,002	0,009	0,095	FALSE
-0,021	0,313	0,000	0,008	0,022	FALSE
-0,169	0,293	-0,007	0,012	0,240	FALSE
0,021	0,321	0,000	0,013	0,010	FALSE
-0,089	0,300	-0,004	0,012	0,130	FALSE
0,075	0,301	0,002	0,009	0,103	FALSE
0,129	0,285	0,003	0,007	0,209	FALSE
0,003	0,294	-0,001	0,008	0,030	FALSE
-0,134	0,302	-0,005	0,011	0,198	FALSE
0,061	0,304	0,003	0,010	0,129	FALSE
-0,010	0,313	0,000	0,008	0,013	FALSE
0,099	0,305	0,004	0,010	0,134	FALSE
-0,162	0,310	-0,003	0,006	0,209	FALSE
0,114	0,301	0,002	0,007	0,132	FALSE
-0,074	0,303	-0,003	0,009	0,134	FALSE
0,116	0,307	0,003	0,008	0,148	FALSE
-0,046	0,306	-0,002	0,012	0,060	FALSE
0,084	0,288	0,003	0,010	0,096	FALSE
-0,024	0,298	-0,001	0,012	0,016	FALSE
0,044	0,308	0,001	0,012	0,037	FALSE
0,070	0,305	0,002	0,012	0,072	FALSE
-0,095	0,308	-0,003	0,010	0,126	FALSE
0,032	0,305	0,001	0,010	0,036	FALSE
0,044	0,315	0,002	0,011	0,055	FALSE
-0,023	0,305	-0,001	0,009	0,033	FALSE
-0,045	0,291	0,000	0,009	0,020	FALSE
0,078	0,307	0,002	0,010	0,071	FALSE
0,126	0,309	0,004	0,009	0,168	FALSE
0,134	0,304	0,004	0,009	0,195	FALSE
0,048	0,316	0,001	0,009	0,062	FALSE
0,077	0,303	0,003	0,012	0,115	FALSE
-0,022	0,314	-0,001	0,010	0,043	FALSE
0,064	0,315	0,001	0,007	0,069	FALSE
-0,006	0,297	0,000	0,010	0,016	FALSE
-0,098	0,303	-0,004	0,011	0,138	FALSE
-0,043	0,298	-0,001	0,006	0,060	FALSE
-0,137	0,308	-0,003	0,007	0,168	FALSE
-0,161	0,314	-0,003	0,006	0,200	FALSE

-0,144	0,303	-0,003	0,006	0,196	FALSE
-0,099	0,316	-0,003	0,009	0,134	FALSE
0,017	0,331	0,001	0,012	0,027	FALSE
0,030	0,293	0,000	0,011	0,013	FALSE
-0,090	0,310	-0,002	0,007	0,095	FALSE
0,025	0,304	0,000	0,007	0,006	FALSE
-0,044	0,294	-0,001	0,008	0,064	FALSE
0,069	0,310	0,001	0,007	0,071	FALSE
0,007	0,307	0,000	0,010	0,014	FALSE
0,045	0,301	0,002	0,010	0,066	FALSE
0,010	0,319	0,000	0,012	0,007	FALSE
0,048	0,290	0,002	0,006	0,088	FALSE
0,097	0,311	0,004	0,011	0,130	FALSE
0,009	0,316	0,000	0,012	0,014	FALSE
0,008	0,292	0,000	0,006	0,018	FALSE
-0,162	0,308	-0,004	0,007	0,240	FALSE
0,042	0,303	0,002	0,011	0,061	FALSE
0,054	0,310	0,001	0,008	0,046	FALSE
-0,013	0,310	0,000	0,007	0,012	FALSE
-0,033	0,309	-0,001	0,008	0,049	FALSE
-0,044	0,306	-0,001	0,007	0,039	FALSE
0,058	0,295	0,001	0,010	0,042	FALSE
-0,111	0,304	-0,004	0,012	0,128	FALSE
0,062	0,301	0,002	0,010	0,064	FALSE
-0,013	0,313	-0,001	0,007	0,033	FALSE
-0,015	0,316	-0,001	0,008	0,036	FALSE
-0,062	0,302	-0,001	0,009	0,061	FALSE
-0,016	0,289	0,001	0,012	0,015	FALSE
-0,087	0,301	-0,003	0,012	0,102	FALSE
-0,029	0,301	-0,001	0,006	0,035	FALSE
-0,117	0,305	-0,004	0,010	0,140	FALSE
-0,044	0,317	-0,001	0,007	0,052	FALSE
-0,085	0,315	-0,004	0,012	0,116	FALSE
0,108	0,331	0,003	0,009	0,121	FALSE
-0,071	0,291	-0,003	0,012	0,100	FALSE
0,107	0,305	0,003	0,010	0,132	FALSE
0,038	0,311	0,001	0,010	0,043	FALSE
0,070	0,290	0,002	0,010	0,085	FALSE
0,049	0,301	0,002	0,009	0,073	FALSE
0,109	0,305	0,005	0,011	0,182	FALSE
-0,141	0,294	-0,006	0,012	0,223	FALSE
-0,103	0,295	-0,005	0,012	0,182	FALSE
-0,055	0,292	-0,001	0,007	0,066	FALSE
0,063	0,304	0,001	0,012	0,045	FALSE
-0,017	0,295	-0,002	0,010	0,061	FALSE
0,029	0,298	0,001	0,012	0,016	FALSE
-0,054	0,312	-0,001	0,006	0,079	FALSE
-0,013	0,315	0,000	0,012	0,014	FALSE
0,032	0,305	0,001	0,007	0,031	FALSE
0,080	0,316	0,003	0,012	0,109	FALSE
-0,042	0,298	-0,002	0,010	0,056	FALSE
-0,034	0,304	-0,002	0,011	0,053	FALSE
0,004	0,298	0,001	0,011	0,032	FALSE

0,107	0,304	0,004	0,012	0,139	FALSE
-0,012	0,320	0,000	0,007	0,006	FALSE
-0,034	0,295	-0,001	0,007	0,028	FALSE
0,018	0,293	0,001	0,007	0,026	FALSE
0,060	0,316	0,002	0,008	0,076	FALSE
-0,039	0,314	-0,003	0,013	0,077	FALSE
0,045	0,311	0,001	0,008	0,032	FALSE
0,004	0,305	0,000	0,011	0,004	FALSE
-0,057	0,312	-0,001	0,008	0,052	FALSE
0,007	0,317	0,000	0,007	0,015	FALSE
-0,065	0,308	-0,001	0,007	0,050	FALSE
-0,082	0,309	-0,004	0,012	0,124	FALSE
-0,026	0,309	-0,001	0,012	0,036	FALSE
0,153	0,304	0,006	0,012	0,234	FALSE
-0,047	0,310	-0,001	0,010	0,040	FALSE
0,046	0,305	0,001	0,007	0,063	FALSE
0,052	0,304	0,001	0,007	0,074	FALSE
0,008	0,315	0,000	0,006	0,004	FALSE
-0,078	0,295	-0,002	0,008	0,114	FALSE
-0,046	0,304	-0,001	0,011	0,039	FALSE
-0,015	0,318	0,000	0,010	0,003	FALSE
-0,001	0,310	0,000	0,006	0,011	FALSE
0,146	0,302	0,003	0,007	0,175	FALSE
-0,088	0,313	-0,003	0,009	0,121	FALSE
-0,090	0,306	-0,003	0,008	0,128	FALSE
-0,013	0,299	-0,001	0,009	0,028	FALSE
-0,126	0,309	-0,004	0,009	0,185	FALSE
-0,066	0,299	-0,002	0,010	0,087	FALSE
0,078	0,318	0,002	0,007	0,121	FALSE
0,018	0,312	0,000	0,011	0,006	FALSE
-0,149	0,298	-0,005	0,008	0,249	FALSE
-0,111	0,308	-0,003	0,007	0,152	FALSE
0,059	0,297	0,001	0,011	0,043	FALSE
-0,008	0,327	0,000	0,007	0,012	FALSE
-0,085	0,288	-0,002	0,007	0,121	FALSE
0,076	0,295	0,001	0,011	0,038	FALSE
-0,059	0,305	-0,004	0,012	0,112	FALSE
-0,088	0,309	-0,005	0,013	0,145	FALSE
-0,047	0,292	-0,001	0,007	0,062	FALSE
0,009	0,304	0,000	0,009	0,007	FALSE
-0,061	0,288	-0,001	0,007	0,030	FALSE
0,029	0,309	0,001	0,008	0,034	FALSE
0,036	0,302	0,001	0,008	0,042	FALSE
-0,011	0,310	-0,001	0,009	0,054	FALSE
0,039	0,312	0,002	0,012	0,045	FALSE
-0,100	0,293	-0,004	0,009	0,156	FALSE
-0,073	0,312	-0,004	0,013	0,105	FALSE
-0,221	0,294	-0,006	0,008	0,309	FALSE
-0,191	0,296	-0,005	0,008	0,258	FALSE
0,099	0,312	0,003	0,012	0,092	FALSE
-0,101	0,299	-0,003	0,008	0,139	FALSE
-0,097	0,303	-0,002	0,008	0,108	FALSE
0,059	0,304	0,002	0,011	0,076	FALSE

-0,026	0,313	0,000	0,012	0,011	FALSE
-0,030	0,306	0,000	0,010	0,010	FALSE
-0,050	0,309	-0,002	0,009	0,077	FALSE
-0,033	0,326	-0,001	0,012	0,031	FALSE
0,021	0,320	0,001	0,012	0,019	FALSE
-0,027	0,313	-0,001	0,012	0,027	FALSE
0,066	0,301	0,003	0,012	0,084	FALSE
0,080	0,305	0,002	0,008	0,105	FALSE
0,049	0,296	0,002	0,012	0,072	FALSE
0,059	0,306	0,002	0,008	0,070	FALSE
-0,031	0,321	-0,001	0,008	0,039	FALSE
0,010	0,313	0,000	0,012	0,013	FALSE
0,122	0,302	0,003	0,008	0,181	FALSE
0,080	0,299	0,003	0,008	0,141	FALSE
0,015	0,295	0,000	0,010	0,011	FALSE
-0,063	0,304	-0,001	0,008	0,063	FALSE
0,013	0,313	-0,001	0,010	0,028	FALSE
0,020	0,300	0,001	0,012	0,015	FALSE
-0,032	0,317	-0,001	0,007	0,033	FALSE
0,055	0,308	0,003	0,010	0,100	FALSE
-0,016	0,307	0,000	0,009	0,001	FALSE
0,041	0,311	0,001	0,012	0,044	FALSE
-0,044	0,293	-0,002	0,012	0,070	FALSE
0,034	0,306	0,001	0,007	0,030	FALSE
0,049	0,303	0,001	0,008	0,037	FALSE
0,026	0,310	0,000	0,007	0,017	FALSE
0,083	0,294	0,003	0,011	0,111	FALSE
0,064	0,294	0,002	0,012	0,075	FALSE
-0,010	0,302	0,000	0,010	0,004	FALSE
0,032	0,316	0,001	0,007	0,050	FALSE
0,037	0,314	0,002	0,012	0,053	FALSE
-0,047	0,301	-0,002	0,010	0,092	FALSE
0,103	0,306	0,003	0,009	0,148	FALSE
0,058	0,308	0,001	0,006	0,067	FALSE
0,032	0,301	0,001	0,007	0,040	FALSE
-0,019	0,305	-0,001	0,012	0,018	FALSE
0,014	0,313	0,000	0,012	0,011	FALSE
-0,155	0,307	-0,004	0,008	0,211	FALSE
0,061	0,305	0,003	0,012	0,091	FALSE
-0,059	0,301	-0,004	0,012	0,116	FALSE
0,090	0,309	0,002	0,008	0,090	FALSE
0,039	0,305	0,001	0,008	0,023	FALSE
-0,094	0,299	-0,004	0,010	0,150	FALSE
-0,065	0,296	-0,003	0,009	0,121	FALSE
-0,041	0,297	-0,002	0,009	0,096	FALSE
-0,011	0,303	-0,001	0,010	0,035	FALSE
0,002	0,312	0,000	0,010	0,017	FALSE
0,011	0,300	0,002	0,012	0,049	FALSE
0,114	0,301	0,004	0,010	0,155	FALSE
-0,014	0,312	0,000	0,010	0,003	FALSE
0,043	0,316	0,002	0,012	0,050	FALSE
0,018	0,305	0,001	0,012	0,027	FALSE
-0,052	0,301	-0,003	0,012	0,103	FALSE

-0,054	0,306	-0,002	0,012	0,048	FALSE
-0,082	0,307	-0,002	0,007	0,106	FALSE
-0,097	0,318	-0,002	0,007	0,117	FALSE
0,151	0,297	0,003	0,006	0,256	FALSE
-0,055	0,310	-0,001	0,008	0,058	FALSE
0,099	0,299	0,002	0,007	0,120	FALSE
-0,072	0,311	-0,002	0,009	0,078	FALSE
-0,078	0,313	-0,002	0,009	0,075	FALSE
0,078	0,311	0,002	0,008	0,092	FALSE
0,164	0,306	0,006	0,012	0,232	FALSE
0,011	0,312	0,000	0,007	0,014	FALSE
-0,104	0,293	-0,004	0,012	0,134	FALSE
-0,120	0,316	-0,005	0,013	0,151	FALSE
-0,120	0,307	-0,005	0,012	0,152	FALSE
0,067	0,296	0,003	0,009	0,130	FALSE
-0,051	0,329	-0,001	0,010	0,045	FALSE
-0,027	0,303	-0,001	0,010	0,023	FALSE
0,071	0,311	0,003	0,009	0,127	FALSE
-0,047	0,306	-0,002	0,011	0,077	FALSE
-0,085	0,304	-0,002	0,007	0,095	FALSE
0,107	0,294	0,005	0,012	0,172	FALSE
-0,027	0,309	-0,002	0,012	0,054	FALSE
-0,042	0,307	-0,002	0,011	0,060	FALSE
-0,100	0,322	-0,003	0,008	0,123	FALSE
-0,003	0,296	-0,001	0,008	0,046	FALSE
-0,025	0,291	0,000	0,006	0,000	FALSE
-0,059	0,306	-0,003	0,011	0,090	FALSE
0,103	0,306	0,001	0,007	0,078	FALSE
0,044	0,305	0,002	0,009	0,073	FALSE
0,055	0,300	0,001	0,006	0,070	FALSE
-0,057	0,302	-0,002	0,012	0,061	FALSE
-0,077	0,294	-0,003	0,012	0,104	FALSE
-0,034	0,303	-0,001	0,008	0,064	FALSE
-0,022	0,300	-0,001	0,012	0,034	FALSE
-0,058	0,284	-0,003	0,011	0,095	FALSE
-0,047	0,295	-0,002	0,012	0,060	FALSE
-0,023	0,308	-0,001	0,012	0,026	FALSE
-0,038	0,316	-0,002	0,012	0,059	FALSE
-0,027	0,307	-0,001	0,007	0,053	FALSE
-0,067	0,304	-0,002	0,008	0,076	FALSE
0,083	0,308	0,003	0,012	0,093	FALSE
-0,075	0,305	-0,002	0,010	0,076	FALSE
0,043	0,299	0,001	0,008	0,043	FALSE
-0,007	0,298	0,000	0,009	0,009	FALSE
-0,026	0,312	0,000	0,007	0,016	FALSE
-0,045	0,310	-0,002	0,012	0,056	FALSE
0,060	0,298	0,002	0,007	0,110	FALSE
0,132	0,304	0,004	0,009	0,188	FALSE
-0,062	0,306	-0,003	0,010	0,101	FALSE
-0,110	0,312	-0,004	0,013	0,133	FALSE
0,075	0,319	0,003	0,010	0,096	FALSE
0,054	0,302	0,002	0,007	0,099	FALSE
-0,016	0,306	0,000	0,007	0,005	FALSE

-0,135	0,307	-0,004	0,009	0,194	FALSE
-0,082	0,305	-0,002	0,007	0,092	FALSE
-0,085	0,303	-0,003	0,008	0,141	FALSE
-0,043	0,317	-0,001	0,012	0,029	FALSE
-0,035	0,312	-0,001	0,011	0,036	FALSE
-0,048	0,307	-0,001	0,007	0,031	FALSE
0,107	0,301	0,003	0,008	0,148	FALSE
-0,049	0,313	-0,001	0,010	0,044	FALSE
0,017	0,320	0,001	0,006	0,034	FALSE
-0,005	0,303	-0,001	0,012	0,040	FALSE
-0,047	0,316	-0,001	0,009	0,057	FALSE
0,156	0,305	0,005	0,013	0,157	FALSE
-0,071	0,309	-0,002	0,010	0,089	FALSE
0,154	0,301	0,005	0,012	0,161	FALSE
0,161	0,293	0,005	0,012	0,168	FALSE
0,092	0,307	0,004	0,012	0,131	FALSE
-0,062	0,307	-0,002	0,012	0,055	FALSE
0,030	0,304	0,001	0,010	0,048	FALSE
-0,115	0,305	-0,005	0,011	0,192	FALSE
0,085	0,307	0,001	0,007	0,052	FALSE
0,082	0,292	0,001	0,007	0,068	FALSE
-0,200	0,305	-0,007	0,010	0,305	FALSE
0,034	0,298	0,002	0,012	0,063	FALSE
0,116	0,308	0,003	0,009	0,140	FALSE
-0,014	0,309	0,000	0,012	0,003	FALSE
0,046	0,301	0,001	0,007	0,083	FALSE
0,104	0,312	0,004	0,013	0,119	FALSE
0,050	0,294	0,002	0,010	0,071	FALSE
0,024	0,295	0,001	0,009	0,057	FALSE
0,054	0,311	0,003	0,011	0,085	FALSE
-0,081	0,315	-0,002	0,008	0,078	FALSE
-0,150	0,311	-0,007	0,012	0,230	FALSE
0,080	0,317	0,004	0,013	0,108	FALSE
-0,204	0,319	-0,004	0,007	0,281	FALSE
-0,055	0,310	-0,001	0,007	0,080	FALSE
0,053	0,312	0,002	0,008	0,095	FALSE
-0,118	0,319	-0,003	0,007	0,166	FALSE
-0,073	0,300	-0,002	0,011	0,077	FALSE
-0,013	0,303	-0,001	0,011	0,029	FALSE
-0,039	0,302	-0,001	0,007	0,034	FALSE
-0,050	0,304	-0,002	0,009	0,100	FALSE
-0,003	0,309	0,000	0,007	0,004	FALSE
0,035	0,303	0,001	0,007	0,069	FALSE
-0,088	0,305	-0,003	0,011	0,091	FALSE
0,053	0,310	0,001	0,009	0,058	FALSE
0,043	0,310	0,002	0,010	0,076	FALSE
0,059	0,321	0,002	0,010	0,087	FALSE
0,113	0,293	0,003	0,008	0,133	FALSE
0,087	0,301	0,003	0,012	0,107	FALSE
0,180	0,294	0,004	0,006	0,263	FALSE
-0,095	0,298	-0,003	0,011	0,123	FALSE
0,048	0,299	0,002	0,012	0,064	FALSE
0,069	0,306	0,002	0,010	0,093	FALSE

0,001	0,313	-0,001	0,010	0,046	FALSE
-0,028	0,310	-0,001	0,009	0,026	FALSE
-0,076	0,303	-0,002	0,008	0,096	FALSE
0,043	0,313	0,002	0,013	0,051	FALSE
-0,113	0,302	-0,004	0,010	0,154	FALSE
0,013	0,309	0,000	0,008	0,006	FALSE
0,089	0,316	0,004	0,013	0,126	FALSE
-0,083	0,300	-0,002	0,007	0,092	FALSE
-0,106	0,315	-0,003	0,009	0,134	FALSE
-0,045	0,323	-0,002	0,013	0,044	FALSE
0,009	0,328	0,000	0,010	0,002	FALSE
0,054	0,318	0,001	0,007	0,073	FALSE
-0,001	0,307	0,000	0,009	0,017	FALSE
0,058	0,301	0,002	0,012	0,056	FALSE
0,072	0,305	0,003	0,013	0,090	FALSE
-0,049	0,306	-0,002	0,010	0,063	FALSE
0,019	0,317	0,001	0,010	0,038	FALSE
-0,018	0,313	-0,001	0,009	0,050	FALSE
-0,046	0,305	-0,001	0,008	0,039	FALSE
0,010	0,308	0,000	0,007	0,026	FALSE
0,002	0,307	0,001	0,013	0,040	FALSE
0,158	0,313	0,004	0,007	0,208	FALSE
0,004	0,306	0,000	0,007	0,002	FALSE
0,022	0,305	0,001	0,008	0,047	FALSE
-0,050	0,313	-0,001	0,007	0,051	FALSE
0,005	0,322	0,000	0,011	0,002	FALSE
0,002	0,317	0,000	0,007	0,017	FALSE
-0,106	0,311	-0,003	0,009	0,139	FALSE
0,079	0,324	0,002	0,009	0,065	FALSE
-0,114	0,308	-0,005	0,012	0,159	FALSE
-0,082	0,302	-0,002	0,009	0,106	FALSE
-0,014	0,315	-0,001	0,008	0,023	FALSE
-0,093	0,311	-0,002	0,007	0,132	FALSE
0,132	0,308	0,003	0,006	0,202	FALSE
0,107	0,308	0,003	0,007	0,152	FALSE
0,033	0,323	0,000	0,007	0,004	FALSE
0,020	0,299	0,000	0,007	0,014	FALSE
-0,026	0,305	-0,001	0,009	0,043	FALSE
0,069	0,303	0,001	0,007	0,056	FALSE
-0,048	0,315	-0,001	0,006	0,040	FALSE
0,088	0,295	0,003	0,011	0,109	FALSE
0,000	0,310	-0,001	0,008	0,027	FALSE
0,004	0,307	0,000	0,008	0,020	FALSE
-0,002	0,299	0,000	0,011	0,005	FALSE
0,010	0,307	0,000	0,007	0,015	FALSE
-0,055	0,310	-0,001	0,006	0,050	FALSE
0,063	0,302	0,002	0,007	0,080	FALSE
0,109	0,313	0,004	0,012	0,142	FALSE
-0,122	0,309	-0,005	0,012	0,159	FALSE
-0,134	0,300	-0,004	0,009	0,186	FALSE
0,069	0,286	0,002	0,007	0,149	FALSE
0,064	0,306	0,002	0,009	0,084	FALSE
0,048	0,305	0,002	0,012	0,053	FALSE

-0,033	0,295	-0,001	0,007	0,059	FALSE
-0,001	0,315	0,000	0,010	0,004	FALSE
0,027	0,315	0,001	0,011	0,034	FALSE
-0,003	0,295	0,000	0,007	0,020	FALSE
0,066	0,309	0,002	0,007	0,098	FALSE
0,069	0,301	0,001	0,007	0,067	FALSE
0,093	0,305	0,003	0,007	0,144	FALSE
0,169	0,298	0,005	0,011	0,204	FALSE
0,196	0,301	0,009	0,013	0,296	FALSE
0,096	0,307	0,003	0,007	0,170	FALSE
0,091	0,306	0,004	0,012	0,139	FALSE
0,060	0,291	0,002	0,009	0,081	FALSE
-0,028	0,306	-0,001	0,011	0,038	FALSE
0,067	0,313	0,002	0,008	0,102	FALSE
-0,101	0,286	-0,002	0,007	0,110	FALSE
-0,139	0,309	-0,003	0,008	0,146	FALSE
-0,034	0,311	0,000	0,007	0,011	FALSE
-0,121	0,299	-0,003	0,007	0,164	FALSE
-0,007	0,303	0,000	0,009	0,011	FALSE
0,018	0,317	0,000	0,011	0,014	FALSE
0,159	0,305	0,006	0,012	0,206	FALSE
-0,194	0,289	-0,003	0,006	0,252	FALSE
-0,046	0,305	-0,001	0,010	0,050	FALSE
0,006	0,305	0,000	0,008	0,014	FALSE
-0,053	0,306	-0,001	0,010	0,048	FALSE
0,090	0,307	0,002	0,007	0,111	FALSE
0,103	0,310	0,003	0,012	0,101	FALSE
0,061	0,312	0,002	0,008	0,072	FALSE
-0,005	0,310	0,000	0,010	0,006	FALSE
0,027	0,309	0,001	0,006	0,028	FALSE
0,036	0,302	0,000	0,006	0,019	FALSE
0,006	0,305	0,000	0,011	0,002	FALSE
-0,012	0,305	0,000	0,007	0,018	FALSE
0,000	0,310	-0,001	0,011	0,027	FALSE
0,032	0,310	0,001	0,007	0,061	FALSE
-0,101	0,297	-0,004	0,012	0,113	FALSE
0,171	0,280	0,004	0,008	0,248	FALSE
-0,029	0,313	0,000	0,007	0,013	FALSE
0,135	0,314	0,005	0,012	0,185	FALSE
-0,119	0,302	-0,003	0,007	0,160	FALSE
-0,011	0,305	0,000	0,013	0,005	FALSE
0,056	0,285	0,001	0,008	0,060	FALSE
0,130	0,301	0,004	0,009	0,167	FALSE
-0,046	0,303	-0,001	0,007	0,073	FALSE
0,057	0,304	0,002	0,011	0,074	FALSE
-0,058	0,313	-0,001	0,007	0,061	FALSE
0,075	0,324	0,002	0,007	0,094	FALSE
0,078	0,317	0,002	0,007	0,084	FALSE
0,082	0,304	0,003	0,009	0,104	FALSE
0,012	0,295	0,000	0,007	0,003	FALSE
-0,088	0,305	-0,003	0,011	0,102	FALSE
0,022	0,291	0,000	0,007	0,026	FALSE
0,112	0,302	0,003	0,007	0,141	FALSE

-0,012	0,295	0,000	0,012	0,005	FALSE
0,113	0,310	0,003	0,008	0,179	FALSE
0,136	0,303	0,003	0,009	0,127	FALSE
0,089	0,304	0,002	0,007	0,128	FALSE
0,113	0,313	0,004	0,012	0,136	FALSE
-0,108	0,304	-0,005	0,012	0,157	FALSE
-0,068	0,283	-0,003	0,011	0,121	FALSE
-0,055	0,288	-0,001	0,011	0,042	FALSE
-0,091	0,308	-0,004	0,012	0,113	FALSE
-0,021	0,303	-0,001	0,009	0,038	FALSE
-0,042	0,309	0,000	0,009	0,018	FALSE
0,028	0,299	0,001	0,012	0,021	FALSE
0,059	0,299	0,002	0,006	0,106	FALSE
-0,103	0,315	-0,002	0,006	0,143	FALSE
-0,093	0,303	-0,002	0,006	0,120	FALSE
-0,145	0,319	-0,003	0,007	0,179	FALSE
-0,021	0,289	-0,001	0,009	0,044	FALSE
-0,045	0,312	-0,001	0,007	0,035	FALSE
-0,006	0,312	0,000	0,012	0,007	FALSE
-0,045	0,320	-0,001	0,013	0,035	FALSE
-0,052	0,310	-0,002	0,012	0,044	FALSE
0,101	0,314	0,004	0,010	0,154	FALSE
0,095	0,312	0,003	0,011	0,119	FALSE
0,083	0,310	0,004	0,013	0,128	FALSE
-0,012	0,304	0,000	0,006	0,013	FALSE
-0,021	0,307	0,000	0,012	0,001	FALSE
0,056	0,308	0,002	0,012	0,046	FALSE
-0,040	0,296	-0,001	0,011	0,039	FALSE
-0,006	0,317	-0,001	0,008	0,041	FALSE
0,083	0,298	0,004	0,012	0,121	FALSE
0,178	0,299	0,007	0,011	0,247	FALSE
0,092	0,297	0,003	0,013	0,104	FALSE
-0,056	0,299	-0,003	0,012	0,081	FALSE
-0,020	0,306	-0,001	0,008	0,031	FALSE
0,040	0,315	0,001	0,011	0,051	FALSE
-0,046	0,308	-0,001	0,006	0,076	FALSE
-0,105	0,315	-0,002	0,007	0,128	FALSE
-0,055	0,311	-0,002	0,008	0,090	FALSE
0,105	0,310	0,003	0,009	0,134	FALSE
-0,002	0,310	-0,001	0,008	0,034	FALSE
0,056	0,298	0,003	0,011	0,089	FALSE
0,086	0,293	0,004	0,011	0,145	FALSE
-0,022	0,304	-0,001	0,011	0,044	FALSE
-0,048	0,320	-0,002	0,013	0,071	FALSE
-0,036	0,315	-0,002	0,012	0,066	FALSE
-0,039	0,325	-0,002	0,013	0,061	FALSE
0,136	0,310	0,004	0,010	0,190	FALSE
0,233	0,298	0,010	0,012	0,377	FALSE
-0,247	0,301	-0,008	0,010	0,369	FALSE
-0,249	0,285	-0,007	0,009	0,398	FALSE
-0,064	0,312	-0,003	0,012	0,083	FALSE
-0,068	0,301	-0,004	0,012	0,127	FALSE
-0,118	0,297	-0,003	0,007	0,169	FALSE

-0,061	0,313	-0,002	0,009	0,077	FALSE
-0,021	0,323	0,000	0,007	0,017	FALSE
0,047	0,307	0,001	0,007	0,042	FALSE
-0,134	0,302	-0,005	0,013	0,171	FALSE
-0,067	0,316	-0,002	0,008	0,079	FALSE
-0,064	0,313	-0,001	0,008	0,065	FALSE
-0,019	0,305	-0,002	0,011	0,049	FALSE
-0,067	0,314	-0,001	0,009	0,059	FALSE
0,026	0,307	0,001	0,011	0,036	FALSE
0,036	0,302	0,002	0,011	0,054	FALSE
-0,049	0,315	-0,001	0,009	0,049	FALSE
-0,076	0,308	-0,002	0,007	0,086	FALSE
0,102	0,300	0,002	0,007	0,086	FALSE
0,044	0,313	0,001	0,010	0,024	FALSE
0,010	0,313	0,000	0,011	0,011	FALSE
-0,054	0,307	-0,002	0,011	0,074	FALSE
0,020	0,286	0,000	0,007	0,011	FALSE
-0,028	0,309	-0,001	0,012	0,038	FALSE
-0,101	0,326	-0,002	0,008	0,123	FALSE
-0,056	0,288	-0,002	0,011	0,062	FALSE
0,024	0,301	0,001	0,012	0,016	FALSE
0,028	0,294	0,001	0,012	0,018	FALSE
0,047	0,285	0,002	0,010	0,076	FALSE
-0,050	0,315	-0,002	0,009	0,070	FALSE
0,033	0,310	0,001	0,009	0,038	FALSE
0,076	0,301	0,003	0,012	0,109	FALSE
-0,027	0,312	-0,001	0,012	0,029	FALSE
0,063	0,302	0,002	0,009	0,090	FALSE
-0,080	0,304	-0,004	0,012	0,128	FALSE
-0,005	0,295	0,000	0,007	0,011	FALSE
0,133	0,307	0,003	0,007	0,188	FALSE
0,133	0,307	0,003	0,007	0,193	FALSE
0,002	0,298	0,000	0,008	0,007	FALSE
0,031	0,299	0,000	0,007	0,024	FALSE
-0,047	0,304	-0,001	0,006	0,068	FALSE
0,011	0,301	0,000	0,007	0,010	FALSE
0,077	0,291	0,002	0,008	0,089	FALSE
-0,105	0,301	-0,003	0,011	0,105	FALSE
0,033	0,296	0,001	0,008	0,040	FALSE
0,050	0,311	0,001	0,007	0,037	FALSE
-0,149	0,298	-0,004	0,008	0,197	FALSE
0,008	0,307	0,001	0,012	0,020	FALSE
-0,055	0,309	-0,002	0,010	0,055	FALSE
0,029	0,307	0,001	0,012	0,024	FALSE
0,027	0,319	0,001	0,009	0,026	FALSE
0,048	0,310	0,001	0,009	0,046	FALSE
-0,010	0,297	0,000	0,006	0,007	FALSE
-0,044	0,305	-0,001	0,009	0,048	FALSE
0,009	0,321	0,000	0,008	0,008	FALSE
-0,019	0,321	-0,001	0,012	0,020	FALSE
0,144	0,298	0,006	0,012	0,222	FALSE
-0,029	0,306	-0,001	0,009	0,023	FALSE
0,268	0,289	0,008	0,009	0,446	FALSE

-0,080	0,298	-0,002	0,007	0,087	FALSE
0,024	0,313	0,001	0,011	0,023	FALSE
-0,046	0,313	-0,001	0,006	0,047	FALSE
0,046	0,311	0,001	0,010	0,043	FALSE
-0,052	0,315	-0,001	0,006	0,056	FALSE
-0,006	0,300	0,001	0,010	0,018	FALSE
-0,033	0,283	0,000	0,009	0,019	FALSE
-0,054	0,293	0,000	0,012	0,011	FALSE
0,029	0,293	0,001	0,008	0,023	FALSE
0,101	0,291	0,003	0,007	0,151	FALSE
-0,117	0,304	-0,004	0,010	0,162	FALSE
0,003	0,303	0,001	0,007	0,026	FALSE
-0,040	0,297	-0,001	0,009	0,037	FALSE
-0,025	0,302	0,000	0,008	0,012	FALSE
-0,052	0,303	-0,002	0,011	0,051	FALSE
0,021	0,319	0,001	0,011	0,025	FALSE
-0,013	0,310	-0,001	0,012	0,019	FALSE
-0,009	0,313	0,000	0,009	0,012	FALSE
0,127	0,295	0,003	0,006	0,174	FALSE
0,161	0,298	0,004	0,007	0,231	FALSE
0,173	0,304	0,004	0,007	0,238	FALSE
-0,013	0,321	-0,001	0,009	0,031	FALSE
-0,041	0,294	0,000	0,009	0,015	FALSE
-0,038	0,307	0,000	0,009	0,015	FALSE
0,084	0,307	0,002	0,009	0,105	FALSE
0,110	0,319	0,004	0,011	0,139	FALSE
0,042	0,298	0,003	0,012	0,099	FALSE
-0,010	0,301	-0,001	0,011	0,022	FALSE
0,059	0,312	0,002	0,013	0,060	FALSE
0,012	0,313	0,000	0,013	0,011	FALSE
-0,070	0,307	-0,003	0,012	0,100	FALSE
-0,051	0,296	0,000	0,006	0,023	FALSE
0,027	0,310	0,001	0,013	0,021	FALSE
-0,023	0,307	0,000	0,010	0,009	FALSE
0,068	0,294	0,002	0,008	0,105	FALSE
0,028	0,306	0,001	0,008	0,034	FALSE
-0,041	0,316	-0,002	0,010	0,061	FALSE
-0,114	0,314	-0,004	0,012	0,140	FALSE
0,013	0,303	0,001	0,010	0,023	FALSE
-0,201	0,300	-0,007	0,010	0,293	FALSE
0,073	0,316	0,002	0,008	0,086	FALSE
-0,197	0,303	-0,004	0,007	0,268	FALSE
0,079	0,308	0,003	0,012	0,099	FALSE
-0,189	0,302	-0,007	0,011	0,261	FALSE
0,120	0,305	0,003	0,007	0,174	FALSE
0,057	0,293	0,001	0,007	0,077	FALSE
-0,080	0,311	-0,002	0,007	0,112	FALSE
-0,013	0,309	-0,001	0,009	0,027	FALSE
0,065	0,301	0,002	0,013	0,070	FALSE
-0,008	0,291	0,000	0,010	0,015	FALSE
-0,013	0,306	0,000	0,007	0,010	FALSE
0,101	0,306	0,002	0,007	0,130	FALSE
0,075	0,302	0,001	0,007	0,076	FALSE

0,053	0,296	0,001	0,007	0,047	FALSE
-0,140	0,304	-0,005	0,011	0,192	FALSE
0,075	0,296	0,003	0,008	0,124	FALSE
0,014	0,312	0,000	0,007	0,004	FALSE
0,034	0,311	0,001	0,006	0,054	FALSE
-0,085	0,318	-0,002	0,009	0,108	FALSE
-0,164	0,293	-0,005	0,010	0,229	FALSE
0,089	0,316	0,002	0,007	0,123	FALSE
0,062	0,311	0,002	0,011	0,074	FALSE
0,019	0,306	0,001	0,008	0,031	FALSE
-0,051	0,302	-0,001	0,007	0,074	FALSE
-0,069	0,313	-0,002	0,007	0,105	FALSE
-0,096	0,315	-0,004	0,012	0,132	FALSE
0,078	0,314	0,002	0,012	0,069	FALSE
-0,073	0,302	-0,002	0,007	0,100	FALSE
-0,058	0,301	-0,002	0,007	0,093	FALSE
-0,054	0,304	-0,001	0,007	0,079	FALSE
-0,122	0,307	-0,005	0,012	0,186	FALSE
-0,075	0,307	-0,002	0,006	0,112	FALSE
0,047	0,306	0,001	0,007	0,060	FALSE
-0,028	0,306	0,000	0,007	0,021	FALSE
0,077	0,302	0,001	0,007	0,074	FALSE
-0,014	0,303	-0,001	0,007	0,034	FALSE
0,061	0,320	0,001	0,008	0,061	FALSE
-0,019	0,309	0,000	0,008	0,009	FALSE
0,015	0,299	0,001	0,011	0,024	FALSE
-0,016	0,304	0,000	0,008	0,009	FALSE
-0,070	0,297	-0,003	0,012	0,087	FALSE
0,115	0,295	0,004	0,010	0,179	FALSE
-0,060	0,306	-0,001	0,007	0,076	FALSE
-0,047	0,309	-0,001	0,007	0,029	FALSE
-0,101	0,307	-0,003	0,011	0,100	FALSE
0,009	0,310	0,000	0,010	0,015	FALSE
0,039	0,299	0,002	0,011	0,069	FALSE
-0,142	0,307	-0,007	0,013	0,218	FALSE
0,095	0,309	0,002	0,010	0,089	FALSE
-0,064	0,309	-0,003	0,012	0,081	FALSE
0,187	0,305	0,004	0,007	0,232	FALSE
-0,048	0,306	-0,002	0,011	0,060	FALSE
0,148	0,303	0,003	0,006	0,221	FALSE
0,177	0,302	0,004	0,007	0,256	FALSE
-0,068	0,303	-0,002	0,010	0,084	FALSE
0,117	0,310	0,005	0,013	0,146	FALSE
-0,066	0,306	-0,002	0,008	0,082	FALSE
0,065	0,305	0,002	0,007	0,077	FALSE
-0,083	0,299	-0,003	0,012	0,079	FALSE
-0,195	0,305	-0,006	0,010	0,274	FALSE
-0,144	0,299	-0,003	0,006	0,170	FALSE
-0,063	0,315	-0,002	0,008	0,089	FALSE
-0,056	0,308	-0,001	0,007	0,053	FALSE
0,003	0,298	0,000	0,009	0,003	FALSE
0,011	0,317	-0,001	0,010	0,023	FALSE
-0,030	0,290	-0,001	0,009	0,042	FALSE

-0,097	0,317	-0,002	0,007	0,121	FALSE
-0,004	0,303	0,000	0,008	0,011	FALSE
-0,145	0,301	-0,007	0,013	0,219	FALSE
0,061	0,311	0,002	0,009	0,074	FALSE
-0,182	0,304	-0,005	0,009	0,248	FALSE
0,040	0,305	0,002	0,012	0,058	FALSE
0,036	0,322	0,002	0,013	0,055	FALSE
-0,093	0,305	-0,003	0,008	0,127	FALSE
0,158	0,283	0,004	0,010	0,173	FALSE
-0,052	0,310	-0,001	0,011	0,043	FALSE
0,074	0,310	0,002	0,012	0,077	FALSE
-0,013	0,304	0,000	0,009	0,002	FALSE
-0,064	0,304	-0,002	0,012	0,070	FALSE
-0,014	0,325	0,000	0,013	0,003	FALSE
-0,035	0,320	-0,001	0,012	0,030	FALSE
0,096	0,292	0,003	0,010	0,121	FALSE
-0,002	0,305	0,000	0,008	0,006	FALSE
0,150	0,301	0,005	0,011	0,176	FALSE
-0,039	0,311	-0,001	0,008	0,037	FALSE
0,171	0,308	0,007	0,013	0,238	FALSE
0,032	0,302	0,001	0,011	0,047	FALSE
0,000	0,310	0,000	0,007	0,005	FALSE
-0,104	0,301	-0,002	0,008	0,118	FALSE
0,008	0,307	0,001	0,008	0,031	FALSE
-0,073	0,318	-0,002	0,007	0,094	FALSE
-0,082	0,296	-0,002	0,010	0,097	FALSE
-0,052	0,305	-0,001	0,009	0,024	FALSE
-0,080	0,297	-0,002	0,009	0,073	FALSE
0,054	0,309	0,001	0,008	0,043	FALSE
0,059	0,304	0,001	0,008	0,062	FALSE
0,111	0,303	0,004	0,010	0,152	FALSE
0,039	0,313	0,001	0,008	0,031	FALSE
-0,143	0,291	-0,005	0,010	0,201	FALSE
-0,015	0,302	0,000	0,012	0,007	FALSE
-0,094	0,296	-0,005	0,013	0,146	FALSE
0,074	0,315	0,002	0,009	0,079	FALSE
0,186	0,293	0,005	0,008	0,278	FALSE
0,059	0,304	0,002	0,007	0,107	FALSE
0,047	0,310	0,002	0,007	0,083	FALSE
0,041	0,298	0,001	0,007	0,083	FALSE
-0,115	0,300	-0,005	0,011	0,188	FALSE
-0,085	0,302	-0,002	0,006	0,102	FALSE
0,134	0,302	0,006	0,012	0,190	FALSE
0,037	0,318	0,001	0,012	0,038	FALSE
-0,031	0,311	0,000	0,009	0,005	FALSE
0,113	0,321	0,003	0,008	0,151	FALSE
0,047	0,289	0,001	0,009	0,031	FALSE
0,238	0,279	0,006	0,007	0,374	FALSE
0,046	0,322	0,001	0,013	0,038	FALSE
0,071	0,299	0,003	0,009	0,115	FALSE
-0,084	0,306	-0,003	0,011	0,112	FALSE
0,046	0,314	0,001	0,011	0,049	FALSE
0,126	0,310	0,002	0,006	0,162	FALSE

0,063	0,325	0,003	0,013	0,097	FALSE
0,045	0,313	0,002	0,008	0,074	FALSE
-0,094	0,307	-0,002	0,007	0,118	FALSE
0,096	0,302	0,004	0,011	0,134	FALSE
0,094	0,301	0,003	0,006	0,169	FALSE
0,206	0,296	0,004	0,006	0,282	FALSE
-0,054	0,319	-0,002	0,009	0,078	FALSE
0,060	0,306	0,002	0,010	0,061	FALSE
0,028	0,287	0,001	0,010	0,053	FALSE
-0,089	0,304	-0,002	0,007	0,124	FALSE
0,119	0,307	0,005	0,011	0,174	FALSE
0,056	0,311	0,001	0,007	0,056	FALSE
0,122	0,309	0,005	0,012	0,174	FALSE
-0,014	0,303	-0,001	0,009	0,025	FALSE
-0,008	0,322	-0,001	0,013	0,018	FALSE
0,005	0,318	0,000	0,013	0,002	FALSE
0,047	0,312	0,001	0,008	0,064	FALSE
-0,133	0,315	-0,003	0,008	0,175	FALSE
-0,031	0,297	0,000	0,009	0,017	FALSE
0,046	0,315	0,002	0,013	0,063	FALSE
0,049	0,313	0,002	0,013	0,045	FALSE
-0,018	0,305	-0,001	0,011	0,036	FALSE
0,085	0,307	0,002	0,008	0,112	FALSE
-0,001	0,295	0,001	0,010	0,030	FALSE
-0,095	0,307	-0,003	0,011	0,108	FALSE
0,027	0,308	0,001	0,009	0,045	FALSE
0,117	0,309	0,003	0,007	0,206	FALSE
-0,079	0,295	-0,002	0,008	0,115	FALSE
0,076	0,308	0,002	0,007	0,084	FALSE
0,010	0,314	0,000	0,007	0,002	FALSE
0,105	0,291	0,004	0,009	0,156	FALSE
0,017	0,312	0,000	0,007	0,016	FALSE
0,020	0,317	0,001	0,009	0,038	FALSE
0,043	0,316	0,001	0,007	0,069	FALSE
0,049	0,307	0,001	0,007	0,086	FALSE
-0,018	0,288	0,001	0,010	0,021	FALSE
-0,094	0,286	-0,003	0,011	0,091	FALSE
-0,118	0,292	-0,004	0,013	0,133	FALSE
0,094	0,292	0,002	0,007	0,083	FALSE
-0,068	0,302	-0,002	0,008	0,074	FALSE
-0,040	0,299	-0,001	0,009	0,053	FALSE
-0,066	0,297	-0,002	0,008	0,087	FALSE
0,040	0,316	0,001	0,010	0,044	FALSE
0,037	0,308	0,001	0,008	0,062	FALSE
-0,104	0,315	-0,004	0,010	0,159	FALSE
-0,065	0,301	-0,004	0,011	0,129	FALSE
-0,172	0,292	-0,005	0,010	0,182	FALSE
0,154	0,307	0,004	0,006	0,257	FALSE
0,054	0,308	0,001	0,007	0,070	FALSE
0,032	0,290	0,001	0,011	0,044	FALSE
-0,065	0,303	-0,003	0,012	0,108	FALSE
0,003	0,323	0,000	0,013	0,013	FALSE
-0,029	0,299	0,000	0,007	0,023	FALSE

0,091	0,306	0,002	0,009	0,108	FALSE
-0,153	0,315	-0,004	0,009	0,220	FALSE
-0,189	0,296	-0,005	0,007	0,307	FALSE
-0,055	0,311	-0,003	0,009	0,122	FALSE
0,037	0,314	0,002	0,011	0,069	FALSE
-0,057	0,315	-0,003	0,012	0,096	FALSE
-0,111	0,298	-0,006	0,012	0,195	FALSE
0,029	0,300	0,001	0,007	0,031	FALSE
-0,013	0,313	0,000	0,008	0,000	FALSE
0,081	0,298	0,002	0,008	0,091	FALSE
-0,052	0,311	-0,002	0,009	0,068	FALSE
0,011	0,302	0,000	0,007	0,006	FALSE
0,058	0,308	0,001	0,006	0,057	FALSE
-0,126	0,285	-0,006	0,012	0,216	FALSE
-0,207	0,304	-0,005	0,008	0,288	FALSE
0,013	0,304	0,000	0,011	0,007	FALSE
-0,007	0,331	-0,001	0,009	0,023	FALSE
0,084	0,302	0,003	0,010	0,127	FALSE
0,037	0,300	0,000	0,010	0,016	FALSE
0,039	0,306	0,001	0,009	0,029	FALSE
-0,093	0,312	-0,004	0,010	0,154	FALSE
0,108	0,304	0,003	0,008	0,147	FALSE
-0,075	0,319	-0,002	0,008	0,090	FALSE
0,136	0,304	0,005	0,013	0,158	FALSE
0,040	0,287	0,001	0,008	0,047	FALSE
0,112	0,286	0,004	0,009	0,185	FALSE
0,001	0,301	0,000	0,010	0,002	FALSE
-0,101	0,318	-0,004	0,011	0,144	FALSE
0,024	0,309	0,001	0,007	0,030	FALSE
-0,033	0,306	-0,001	0,006	0,035	FALSE
0,061	0,309	0,001	0,007	0,070	FALSE
0,021	0,305	0,001	0,006	0,049	FALSE
0,038	0,304	0,001	0,006	0,051	FALSE
0,019	0,313	0,000	0,009	0,006	FALSE
0,033	0,310	0,001	0,008	0,046	FALSE
0,033	0,316	0,001	0,009	0,032	FALSE
0,025	0,308	0,001	0,009	0,054	FALSE
0,082	0,309	0,001	0,008	0,054	FALSE
0,032	0,320	0,000	0,009	0,003	FALSE
-0,077	0,298	-0,002	0,006	0,091	FALSE
-0,055	0,315	-0,001	0,007	0,066	FALSE
-0,024	0,297	0,000	0,008	0,007	FALSE
0,020	0,322	0,000	0,007	0,020	FALSE
0,045	0,289	0,001	0,009	0,053	FALSE
-0,013	0,303	-0,001	0,012	0,018	FALSE
-0,074	0,304	-0,002	0,008	0,085	FALSE
0,051	0,303	0,001	0,008	0,049	FALSE
0,093	0,322	0,003	0,008	0,159	FALSE
0,089	0,313	0,003	0,009	0,118	FALSE
0,112	0,306	0,003	0,008	0,152	FALSE
0,043	0,298	0,002	0,012	0,068	FALSE
-0,091	0,304	-0,003	0,010	0,133	FALSE
-0,085	0,308	-0,003	0,010	0,122	FALSE

-0,077	0,323	-0,003	0,010	0,101	FALSE
0,120	0,316	0,002	0,007	0,140	FALSE
0,158	0,312	0,007	0,013	0,220	FALSE
0,106	0,297	0,002	0,007	0,101	FALSE
0,095	0,305	0,001	0,006	0,076	FALSE
-0,002	0,301	0,000	0,010	0,015	FALSE
0,110	0,303	0,005	0,012	0,167	FALSE
-0,026	0,302	-0,001	0,006	0,029	FALSE
0,060	0,320	0,001	0,008	0,066	FALSE
-0,053	0,306	-0,001	0,007	0,065	FALSE
0,013	0,305	0,000	0,007	0,022	FALSE
0,169	0,306	0,006	0,011	0,249	FALSE
-0,040	0,311	-0,002	0,009	0,066	FALSE
0,005	0,302	0,000	0,007	0,013	FALSE
0,133	0,297	0,003	0,008	0,157	FALSE
0,021	0,318	0,001	0,013	0,032	FALSE
-0,041	0,323	-0,001	0,009	0,038	FALSE
-0,105	0,310	-0,003	0,012	0,100	FALSE
-0,114	0,290	-0,004	0,011	0,126	FALSE
-0,097	0,303	-0,003	0,011	0,102	FALSE
0,087	0,306	0,004	0,012	0,115	FALSE
0,068	0,314	0,003	0,011	0,087	FALSE
0,027	0,297	0,000	0,008	0,011	FALSE
-0,087	0,303	-0,003	0,010	0,133	FALSE
0,092	0,303	0,003	0,010	0,116	FALSE
0,088	0,299	0,003	0,010	0,118	FALSE
0,073	0,303	0,003	0,013	0,085	FALSE
-0,066	0,300	-0,002	0,007	0,090	FALSE
0,003	0,294	0,000	0,009	0,019	FALSE
0,023	0,294	0,000	0,009	0,003	FALSE
0,042	0,303	0,001	0,007	0,073	FALSE
0,037	0,293	0,002	0,010	0,060	FALSE
0,140	0,315	0,004	0,010	0,173	FALSE
0,008	0,310	0,000	0,007	0,021	FALSE
-0,098	0,307	-0,002	0,007	0,126	FALSE
-0,029	0,308	-0,001	0,012	0,044	FALSE
-0,128	0,298	-0,004	0,009	0,188	FALSE
-0,080	0,310	-0,003	0,012	0,097	FALSE
-0,088	0,310	-0,003	0,011	0,117	FALSE
-0,084	0,310	-0,003	0,011	0,101	FALSE
-0,088	0,320	-0,003	0,012	0,104	FALSE
-0,092	0,305	-0,003	0,011	0,117	FALSE
-0,065	0,303	-0,003	0,011	0,085	FALSE
-0,124	0,313	-0,003	0,007	0,173	FALSE
-0,019	0,317	-0,001	0,007	0,030	FALSE
0,030	0,313	0,001	0,011	0,026	FALSE
-0,044	0,305	-0,001	0,007	0,038	FALSE
-0,067	0,320	-0,001	0,010	0,055	FALSE
0,093	0,295	0,003	0,012	0,111	FALSE
0,035	0,312	0,002	0,009	0,066	FALSE
0,023	0,304	0,000	0,007	0,022	FALSE
-0,045	0,290	-0,002	0,008	0,102	FALSE
-0,044	0,294	-0,001	0,006	0,080	FALSE

0,028	0,323	0,002	0,010	0,076	FALSE
-0,026	0,313	-0,002	0,013	0,056	FALSE
-0,038	0,298	-0,001	0,007	0,060	FALSE
0,088	0,295	0,004	0,011	0,164	FALSE
-0,083	0,332	-0,002	0,009	0,100	FALSE
0,113	0,287	0,004	0,009	0,219	FALSE
0,030	0,291	0,001	0,010	0,023	FALSE
-0,019	0,317	-0,001	0,012	0,029	FALSE
-0,083	0,304	-0,004	0,012	0,137	FALSE
0,034	0,300	0,001	0,010	0,023	FALSE
0,021	0,307	0,000	0,010	0,013	FALSE
0,109	0,309	0,003	0,010	0,131	FALSE
0,196	0,305	0,008	0,011	0,315	FALSE
0,043	0,290	0,001	0,009	0,044	FALSE
-0,020	0,310	0,000	0,006	0,004	FALSE
-0,056	0,304	-0,002	0,008	0,081	FALSE
-0,058	0,308	-0,002	0,007	0,100	FALSE
-0,096	0,308	-0,004	0,012	0,120	FALSE
0,041	0,301	0,001	0,006	0,042	FALSE
-0,067	0,315	-0,003	0,010	0,097	FALSE
-0,061	0,320	-0,001	0,008	0,070	FALSE
-0,113	0,308	-0,003	0,008	0,170	FALSE
0,067	0,300	0,004	0,012	0,116	FALSE
0,016	0,312	0,000	0,008	0,020	FALSE
-0,078	0,298	-0,001	0,006	0,070	FALSE
-0,050	0,299	-0,003	0,012	0,085	FALSE
-0,023	0,305	-0,001	0,008	0,045	FALSE
0,074	0,314	0,003	0,012	0,097	FALSE
0,126	0,293	0,003	0,007	0,176	FALSE
0,048	0,290	0,001	0,010	0,051	FALSE
-0,092	0,306	-0,003	0,009	0,120	FALSE
-0,001	0,302	0,000	0,009	0,019	FALSE
-0,012	0,308	0,000	0,012	0,013	FALSE
-0,014	0,295	0,000	0,009	0,005	FALSE
0,185	0,302	0,004	0,006	0,312	FALSE
-0,058	0,300	-0,001	0,008	0,068	FALSE
-0,069	0,311	-0,002	0,010	0,070	FALSE
0,067	0,314	0,002	0,013	0,067	FALSE
0,048	0,294	0,002	0,007	0,109	FALSE
0,016	0,313	0,001	0,012	0,028	FALSE
-0,027	0,318	-0,001	0,010	0,048	FALSE
-0,138	0,304	-0,003	0,008	0,168	FALSE
-0,119	0,310	-0,003	0,008	0,149	FALSE
0,116	0,304	0,002	0,007	0,108	FALSE
-0,011	0,299	-0,001	0,012	0,037	FALSE
0,057	0,299	0,002	0,012	0,079	FALSE
-0,022	0,310	-0,001	0,011	0,022	FALSE
0,092	0,305	0,002	0,007	0,093	FALSE
0,107	0,289	0,002	0,006	0,152	FALSE
-0,153	0,304	-0,004	0,008	0,229	FALSE
0,019	0,310	0,000	0,007	0,014	FALSE
0,043	0,293	0,001	0,012	0,024	FALSE
-0,030	0,314	-0,001	0,013	0,037	FALSE

0,067	0,304	0,001	0,007	0,070	FALSE
-0,014	0,298	0,000	0,011	0,005	FALSE
-0,011	0,307	0,000	0,010	0,011	FALSE
-0,075	0,302	-0,002	0,007	0,100	FALSE
0,046	0,310	0,001	0,007	0,034	FALSE
-0,038	0,297	-0,001	0,007	0,046	FALSE
-0,011	0,305	-0,002	0,013	0,054	FALSE
-0,066	0,316	-0,004	0,012	0,113	FALSE
-0,056	0,312	-0,002	0,010	0,057	FALSE
-0,093	0,290	-0,004	0,010	0,149	FALSE
-0,023	0,312	-0,001	0,007	0,027	FALSE
0,049	0,310	0,002	0,010	0,058	FALSE
0,070	0,305	0,002	0,010	0,085	FALSE
0,059	0,305	0,002	0,010	0,069	FALSE
-0,153	0,307	-0,006	0,012	0,210	FALSE
-0,067	0,319	-0,002	0,009	0,084	FALSE
-0,028	0,304	-0,001	0,008	0,041	FALSE
-0,049	0,310	-0,001	0,007	0,035	FALSE
0,007	0,306	0,001	0,012	0,024	FALSE
0,004	0,319	0,000	0,011	0,003	FALSE
-0,044	0,311	-0,002	0,009	0,063	FALSE
0,091	0,298	0,004	0,012	0,128	FALSE
0,101	0,307	0,003	0,008	0,136	FALSE
-0,168	0,305	-0,005	0,008	0,252	FALSE
-0,158	0,306	-0,005	0,010	0,213	FALSE
0,049	0,314	0,003	0,012	0,088	FALSE
-0,166	0,307	-0,006	0,011	0,218	FALSE
0,045	0,307	0,001	0,006	0,070	FALSE
0,016	0,314	0,001	0,009	0,034	FALSE
-0,020	0,322	-0,001	0,008	0,023	FALSE
-0,057	0,299	-0,002	0,009	0,069	FALSE
-0,052	0,323	-0,002	0,013	0,065	FALSE
-0,007	0,313	0,000	0,006	0,011	FALSE
-0,051	0,312	-0,002	0,012	0,052	FALSE
0,098	0,294	0,003	0,009	0,127	FALSE
0,091	0,322	0,004	0,012	0,153	FALSE
-0,049	0,317	-0,002	0,008	0,082	FALSE
0,019	0,294	0,001	0,011	0,028	FALSE
0,009	0,309	0,000	0,008	0,000	FALSE
-0,002	0,307	0,000	0,009	0,017	FALSE
0,077	0,316	0,003	0,012	0,108	FALSE
0,190	0,308	0,005	0,008	0,250	FALSE
-0,033	0,310	-0,001	0,012	0,040	FALSE
0,016	0,304	0,000	0,012	0,005	FALSE
-0,001	0,315	0,000	0,008	0,006	FALSE
-0,071	0,312	-0,003	0,012	0,106	FALSE
-0,010	0,325	-0,001	0,013	0,022	FALSE
0,046	0,303	0,002	0,012	0,066	FALSE
-0,089	0,302	-0,004	0,012	0,126	FALSE
-0,039	0,300	-0,002	0,012	0,049	FALSE
-0,065	0,309	-0,001	0,007	0,050	FALSE
-0,082	0,298	-0,003	0,012	0,104	FALSE
0,109	0,290	0,002	0,008	0,096	FALSE

-0,205	0,311	-0,009	0,013	0,307	FALSE
0,202	0,286	0,009	0,013	0,302	FALSE
-0,055	0,305	-0,002	0,010	0,075	FALSE
-0,004	0,299	-0,001	0,010	0,019	FALSE
-0,090	0,322	-0,002	0,008	0,078	FALSE
0,065	0,306	0,002	0,012	0,059	FALSE
-0,042	0,303	-0,001	0,008	0,041	FALSE
0,057	0,304	0,003	0,012	0,104	FALSE
0,016	0,306	0,001	0,007	0,050	FALSE
-0,010	0,301	0,000	0,010	0,011	FALSE
-0,027	0,308	-0,001	0,011	0,030	FALSE
0,008	0,290	0,000	0,007	0,010	FALSE
-0,028	0,288	-0,001	0,007	0,029	FALSE
0,045	0,313	0,001	0,008	0,057	FALSE
-0,012	0,299	0,000	0,008	0,016	FALSE
-0,095	0,303	-0,003	0,008	0,161	FALSE
-0,109	0,298	-0,003	0,007	0,156	FALSE
0,106	0,308	0,002	0,007	0,131	FALSE
-0,043	0,302	-0,001	0,007	0,045	FALSE
-0,041	0,317	-0,001	0,008	0,057	FALSE
0,123	0,314	0,006	0,012	0,184	FALSE
-0,080	0,317	-0,003	0,007	0,143	FALSE
0,094	0,322	0,003	0,009	0,111	FALSE
0,169	0,315	0,004	0,008	0,208	FALSE
-0,119	0,305	-0,002	0,007	0,125	FALSE
0,215	0,302	0,006	0,008	0,315	FALSE
-0,125	0,305	-0,004	0,010	0,159	FALSE
0,027	0,306	0,001	0,011	0,023	FALSE
-0,024	0,301	-0,001	0,011	0,038	FALSE
0,005	0,301	0,000	0,012	0,011	FALSE
0,081	0,311	0,002	0,007	0,091	FALSE
-0,018	0,314	-0,001	0,007	0,044	FALSE
-0,148	0,311	-0,004	0,010	0,153	FALSE
0,039	0,325	0,001	0,006	0,062	FALSE
0,025	0,303	0,001	0,011	0,024	FALSE
-0,003	0,311	0,000	0,012	0,003	FALSE
0,027	0,306	0,001	0,011	0,021	FALSE
-0,020	0,308	0,000	0,007	0,000	FALSE
0,000	0,317	0,000	0,009	0,017	FALSE
0,001	0,304	0,001	0,011	0,024	FALSE
-0,084	0,295	-0,002	0,006	0,095	FALSE
0,027	0,309	0,001	0,010	0,043	FALSE
0,046	0,299	0,001	0,012	0,037	FALSE
-0,040	0,299	-0,001	0,011	0,040	FALSE
-0,062	0,299	-0,002	0,010	0,074	FALSE
-0,103	0,310	-0,004	0,012	0,131	FALSE
0,007	0,315	0,000	0,009	0,013	FALSE
-0,129	0,299	-0,003	0,006	0,194	FALSE
-0,072	0,305	-0,003	0,013	0,076	FALSE
-0,125	0,305	-0,003	0,008	0,166	FALSE
0,064	0,299	0,002	0,006	0,103	FALSE
-0,066	0,309	-0,002	0,008	0,072	FALSE
-0,065	0,303	-0,002	0,008	0,073	FALSE

-0,073	0,308	-0,001	0,008	0,065	FALSE
-0,072	0,300	-0,001	0,008	0,062	FALSE
-0,110	0,300	-0,002	0,008	0,113	FALSE
-0,024	0,297	0,000	0,008	0,014	FALSE
-0,060	0,298	-0,001	0,008	0,058	FALSE
-0,027	0,308	0,000	0,008	0,020	FALSE
-0,042	0,316	-0,001	0,009	0,046	FALSE
-0,013	0,313	0,000	0,010	0,009	FALSE
-0,059	0,317	-0,001	0,009	0,061	FALSE
-0,072	0,311	-0,001	0,008	0,067	FALSE
-0,067	0,307	-0,002	0,009	0,071	FALSE
-0,029	0,315	-0,001	0,009	0,020	FALSE
-0,052	0,316	-0,001	0,009	0,052	FALSE
-0,076	0,293	-0,002	0,008	0,089	FALSE
-0,036	0,300	-0,001	0,008	0,027	FALSE
0,078	0,297	0,002	0,008	0,097	FALSE
0,028	0,312	0,002	0,011	0,052	FALSE
0,055	0,303	0,001	0,007	0,069	FALSE
-0,053	0,312	-0,002	0,011	0,083	FALSE
0,001	0,305	0,000	0,011	0,007	FALSE
0,121	0,289	0,003	0,006	0,193	FALSE
-0,078	0,304	-0,003	0,013	0,105	FALSE
-0,037	0,316	0,000	0,007	0,019	FALSE
-0,149	0,311	-0,004	0,009	0,199	FALSE
0,029	0,315	0,001	0,007	0,037	FALSE
0,042	0,310	0,001	0,008	0,052	FALSE
0,076	0,295	0,001	0,009	0,056	FALSE
0,093	0,295	0,002	0,009	0,092	FALSE
0,125	0,302	0,004	0,009	0,164	FALSE
-0,063	0,317	-0,003	0,013	0,077	FALSE
0,037	0,291	0,001	0,010	0,046	FALSE
-0,086	0,298	-0,004	0,010	0,149	FALSE
0,032	0,313	0,001	0,010	0,042	FALSE
-0,027	0,308	-0,001	0,006	0,049	FALSE
-0,066	0,304	-0,002	0,011	0,072	FALSE
-0,055	0,308	-0,002	0,012	0,063	FALSE
0,055	0,308	0,003	0,012	0,093	FALSE
0,085	0,287	0,003	0,007	0,162	FALSE
-0,019	0,305	0,000	0,007	0,020	FALSE
0,044	0,289	0,001	0,007	0,058	FALSE
0,047	0,321	0,002	0,010	0,084	FALSE
0,013	0,295	0,000	0,010	0,000	FALSE
0,055	0,304	0,001	0,008	0,051	FALSE
0,090	0,321	0,002	0,007	0,106	FALSE
-0,066	0,307	-0,003	0,013	0,102	FALSE
0,034	0,314	0,001	0,007	0,043	FALSE
0,056	0,303	0,002	0,011	0,073	FALSE
-0,014	0,307	-0,001	0,011	0,042	FALSE
-0,017	0,306	-0,001	0,011	0,046	FALSE
-0,011	0,307	0,000	0,007	0,003	FALSE
-0,012	0,323	0,000	0,011	0,001	FALSE
0,052	0,321	0,001	0,007	0,052	FALSE
-0,045	0,302	-0,002	0,008	0,083	FALSE

-0,053	0,309	-0,002	0,011	0,067	FALSE
-0,008	0,322	-0,001	0,011	0,026	FALSE
0,049	0,295	0,001	0,008	0,026	FALSE
-0,048	0,307	-0,002	0,008	0,086	FALSE
0,123	0,301	0,006	0,011	0,204	FALSE
-0,056	0,297	-0,001	0,009	0,053	FALSE
-0,060	0,313	-0,002	0,008	0,096	FALSE
-0,020	0,314	0,000	0,007	0,001	FALSE
0,080	0,299	0,004	0,012	0,133	FALSE
-0,022	0,304	0,000	0,007	0,011	FALSE
0,049	0,308	0,003	0,012	0,081	FALSE
-0,036	0,308	-0,001	0,007	0,032	FALSE
-0,031	0,307	-0,002	0,012	0,047	FALSE
-0,102	0,321	-0,002	0,007	0,132	FALSE
-0,064	0,306	-0,001	0,006	0,055	FALSE
-0,040	0,310	-0,001	0,007	0,070	FALSE
0,084	0,294	0,004	0,011	0,151	FALSE
-0,057	0,315	-0,002	0,011	0,080	FALSE
-0,010	0,308	0,000	0,006	0,012	FALSE
-0,005	0,301	0,000	0,008	0,022	FALSE
0,061	0,302	0,002	0,009	0,110	FALSE
-0,026	0,301	-0,002	0,012	0,063	FALSE
-0,063	0,292	-0,004	0,012	0,124	FALSE
-0,042	0,297	-0,003	0,012	0,087	FALSE
0,071	0,312	0,002	0,010	0,098	FALSE
-0,123	0,308	-0,003	0,008	0,167	FALSE
-0,078	0,300	-0,002	0,010	0,082	FALSE
0,087	0,317	0,002	0,007	0,109	FALSE
-0,036	0,305	-0,001	0,007	0,046	FALSE
0,079	0,319	0,002	0,010	0,067	FALSE
0,062	0,304	0,002	0,007	0,114	FALSE
0,016	0,320	0,001	0,010	0,034	FALSE
-0,102	0,294	-0,003	0,010	0,104	FALSE
0,059	0,297	0,001	0,006	0,087	FALSE
-0,113	0,294	-0,002	0,007	0,147	FALSE
0,035	0,304	0,001	0,006	0,066	FALSE
0,014	0,303	0,001	0,006	0,048	FALSE
0,019	0,298	0,000	0,012	0,007	FALSE
0,017	0,298	0,001	0,008	0,030	FALSE
0,059	0,294	0,002	0,012	0,077	FALSE
0,007	0,312	0,000	0,012	0,001	FALSE
0,014	0,318	0,001	0,012	0,026	FALSE
-0,064	0,278	-0,002	0,011	0,060	FALSE
0,021	0,310	0,001	0,012	0,030	FALSE
0,038	0,324	0,002	0,012	0,047	FALSE
0,095	0,310	0,002	0,008	0,101	FALSE
-0,005	0,302	-0,001	0,008	0,041	FALSE
0,039	0,315	0,001	0,008	0,052	FALSE
-0,056	0,288	-0,002	0,011	0,060	FALSE
0,000	0,308	0,000	0,010	0,001	FALSE
-0,057	0,316	-0,002	0,010	0,077	FALSE
0,040	0,307	0,002	0,011	0,062	FALSE
0,044	0,310	0,001	0,012	0,046	FALSE

-0,167	0,313	-0,006	0,010	0,225	FALSE
0,068	0,304	0,002	0,011	0,080	FALSE
0,053	0,312	0,002	0,009	0,074	FALSE
-0,032	0,322	-0,001	0,011	0,044	FALSE
0,108	0,314	0,004	0,011	0,131	FALSE
0,066	0,317	0,001	0,007	0,063	FALSE
-0,060	0,315	-0,002	0,008	0,083	FALSE
-0,084	0,304	-0,001	0,007	0,083	FALSE
-0,049	0,303	-0,001	0,010	0,048	FALSE
-0,005	0,321	0,000	0,008	0,007	FALSE
0,015	0,306	0,001	0,010	0,049	FALSE
-0,059	0,302	-0,001	0,007	0,067	FALSE
-0,099	0,314	-0,002	0,007	0,122	FALSE
-0,110	0,307	-0,006	0,012	0,187	FALSE
0,054	0,310	0,001	0,008	0,062	FALSE
-0,065	0,317	-0,001	0,007	0,078	FALSE
-0,034	0,309	-0,001	0,006	0,038	FALSE
0,017	0,317	0,001	0,012	0,015	FALSE
0,045	0,304	0,002	0,011	0,064	FALSE
0,063	0,310	0,002	0,007	0,098	FALSE
-0,074	0,314	-0,002	0,010	0,092	FALSE
0,076	0,294	0,001	0,006	0,079	FALSE
0,017	0,318	0,001	0,012	0,033	FALSE
-0,117	0,325	-0,004	0,012	0,132	FALSE
-0,082	0,296	-0,003	0,009	0,122	FALSE
0,029	0,296	-0,001	0,012	0,017	FALSE
0,031	0,298	0,001	0,006	0,054	FALSE
-0,119	0,322	-0,004	0,009	0,165	FALSE
0,051	0,311	0,001	0,009	0,044	FALSE
-0,022	0,325	0,000	0,012	0,014	FALSE
-0,043	0,302	-0,001	0,011	0,028	FALSE
-0,116	0,309	-0,004	0,012	0,130	FALSE
0,063	0,303	0,001	0,006	0,040	FALSE
-0,025	0,297	0,000	0,006	0,017	FALSE
-0,033	0,314	-0,001	0,008	0,025	FALSE
-0,034	0,323	-0,001	0,009	0,029	FALSE
0,051	0,304	0,002	0,008	0,087	FALSE
0,007	0,307	0,000	0,009	0,000	FALSE
-0,012	0,306	-0,001	0,008	0,024	FALSE
-0,064	0,310	-0,003	0,012	0,088	FALSE
0,008	0,303	0,000	0,008	0,017	FALSE
0,053	0,318	0,002	0,011	0,052	FALSE
-0,138	0,306	-0,004	0,007	0,214	FALSE
0,036	0,303	0,001	0,008	0,054	FALSE
0,093	0,300	0,004	0,010	0,172	FALSE
0,154	0,303	0,005	0,011	0,173	FALSE
0,066	0,307	0,003	0,012	0,089	FALSE
0,143	0,313	0,004	0,011	0,162	FALSE
-0,207	0,297	-0,008	0,012	0,296	FALSE
0,133	0,304	0,004	0,011	0,152	FALSE
-0,141	0,302	-0,005	0,009	0,234	FALSE
0,000	0,312	0,001	0,007	0,028	FALSE
0,052	0,313	0,002	0,009	0,092	FALSE

0,091	0,300	0,004	0,012	0,119	FALSE
0,031	0,315	0,000	0,007	0,006	FALSE
0,030	0,317	0,001	0,012	0,026	FALSE
-0,041	0,309	-0,001	0,010	0,040	FALSE
-0,056	0,318	-0,001	0,010	0,046	FALSE
0,094	0,300	0,002	0,007	0,134	FALSE
0,089	0,301	0,003	0,009	0,141	FALSE
0,017	0,312	0,001	0,009	0,044	FALSE
0,031	0,311	0,001	0,009	0,044	FALSE
-0,031	0,301	-0,002	0,012	0,063	FALSE
0,053	0,300	0,001	0,007	0,066	FALSE
-0,191	0,295	-0,008	0,011	0,319	FALSE
-0,089	0,313	-0,002	0,008	0,086	FALSE
-0,199	0,304	-0,009	0,013	0,301	FALSE
0,009	0,297	0,000	0,006	0,013	FALSE
0,127	0,308	0,006	0,013	0,194	FALSE
0,014	0,305	0,000	0,010	0,009	FALSE
-0,029	0,305	-0,001	0,007	0,034	FALSE
-0,022	0,296	-0,001	0,010	0,019	FALSE
0,019	0,307	0,001	0,008	0,038	FALSE
-0,079	0,306	-0,002	0,009	0,095	FALSE
0,042	0,293	0,003	0,010	0,108	FALSE
0,121	0,322	0,004	0,010	0,185	FALSE
0,017	0,302	0,001	0,006	0,065	FALSE
-0,119	0,313	-0,003	0,007	0,162	FALSE
0,096	0,299	0,004	0,010	0,154	FALSE
-0,172	0,300	-0,006	0,011	0,209	FALSE
-0,212	0,303	-0,007	0,011	0,277	FALSE
0,018	0,285	0,001	0,010	0,019	FALSE
-0,118	0,306	-0,005	0,012	0,170	FALSE
-0,019	0,297	-0,001	0,008	0,041	FALSE
-0,013	0,305	0,000	0,008	0,012	FALSE
-0,055	0,308	-0,001	0,007	0,051	FALSE
0,011	0,310	0,001	0,008	0,028	FALSE
-0,007	0,304	0,000	0,012	0,001	FALSE
-0,035	0,306	-0,001	0,007	0,075	FALSE
0,002	0,298	0,000	0,012	0,004	FALSE
-0,063	0,303	-0,002	0,011	0,057	FALSE
-0,005	0,298	0,000	0,007	0,019	FALSE
0,083	0,302	0,002	0,006	0,142	FALSE
0,064	0,309	0,001	0,011	0,043	FALSE
0,113	0,309	0,003	0,006	0,157	FALSE
0,005	0,312	0,000	0,007	0,020	FALSE
0,001	0,303	0,000	0,011	0,002	FALSE
0,011	0,306	0,000	0,011	0,007	FALSE
0,008	0,303	0,000	0,010	0,001	FALSE
0,002	0,305	0,000	0,007	0,007	FALSE
0,108	0,286	0,004	0,010	0,161	FALSE
-0,007	0,310	0,000	0,009	0,001	FALSE
0,040	0,316	0,003	0,012	0,077	FALSE
0,045	0,315	0,001	0,012	0,031	FALSE
-0,091	0,305	-0,004	0,012	0,132	FALSE
-0,077	0,310	-0,002	0,009	0,106	FALSE

0,126	0,303	0,003	0,007	0,153	FALSE
-0,008	0,298	0,000	0,007	0,012	FALSE
0,028	0,309	0,001	0,008	0,061	FALSE
0,119	0,306	0,003	0,007	0,190	FALSE
0,077	0,314	0,002	0,010	0,094	FALSE
-0,030	0,303	-0,001	0,010	0,057	FALSE
0,056	0,312	0,002	0,010	0,067	FALSE
-0,001	0,305	0,001	0,011	0,018	FALSE
-0,150	0,307	-0,006	0,012	0,209	FALSE
0,157	0,302	0,003	0,006	0,207	FALSE
0,227	0,288	0,007	0,008	0,404	FALSE
0,234	0,291	0,007	0,009	0,391	FALSE
0,250	0,289	0,007	0,008	0,445	FALSE
0,223	0,302	0,007	0,009	0,368	FALSE
0,100	0,310	0,003	0,011	0,111	FALSE
-0,028	0,319	-0,001	0,006	0,057	FALSE
-0,010	0,307	0,000	0,006	0,025	FALSE
0,023	0,302	0,001	0,006	0,046	FALSE
-0,024	0,288	0,000	0,006	0,010	FALSE
0,015	0,305	0,000	0,008	0,008	FALSE
0,037	0,297	0,001	0,009	0,050	FALSE
0,062	0,314	0,003	0,012	0,082	FALSE
-0,033	0,300	-0,001	0,007	0,073	FALSE
0,013	0,312	0,000	0,008	0,012	FALSE
-0,031	0,298	-0,001	0,009	0,041	FALSE
0,061	0,325	0,002	0,008	0,088	FALSE
-0,034	0,305	-0,001	0,012	0,040	FALSE
0,084	0,315	0,003	0,010	0,119	FALSE
0,091	0,304	0,003	0,010	0,105	FALSE
0,042	0,294	0,002	0,012	0,049	FALSE
-0,060	0,297	-0,001	0,008	0,053	FALSE
0,003	0,305	0,000	0,013	0,013	FALSE
0,009	0,305	0,000	0,013	0,010	FALSE
-0,065	0,305	-0,001	0,008	0,044	FALSE
-0,038	0,307	-0,001	0,007	0,051	FALSE
-0,062	0,303	-0,002	0,008	0,077	FALSE
0,020	0,305	0,001	0,012	0,023	FALSE
0,010	0,311	0,001	0,012	0,022	FALSE
-0,201	0,274	-0,006	0,008	0,330	FALSE
-0,045	0,312	-0,002	0,013	0,056	FALSE
0,076	0,301	0,002	0,006	0,107	FALSE
0,148	0,303	0,003	0,007	0,198	FALSE
-0,013	0,317	0,000	0,009	0,008	FALSE
-0,006	0,312	-0,001	0,007	0,045	FALSE
0,070	0,316	0,001	0,006	0,060	FALSE
-0,008	0,305	-0,001	0,012	0,021	FALSE
0,011	0,305	0,000	0,012	0,004	FALSE
0,026	0,303	0,001	0,012	0,033	FALSE
-0,007	0,310	0,000	0,010	0,006	FALSE
0,066	0,301	0,001	0,008	0,069	FALSE
-0,069	0,294	-0,002	0,008	0,110	FALSE
0,055	0,299	0,001	0,008	0,064	FALSE
0,135	0,294	0,005	0,012	0,191	FALSE

0,033	0,293	0,002	0,009	0,073	FALSE
-0,032	0,313	-0,002	0,010	0,059	FALSE
-0,072	0,304	-0,001	0,007	0,057	FALSE
0,007	0,304	0,000	0,009	0,018	FALSE
-0,091	0,301	-0,002	0,009	0,084	FALSE
-0,005	0,300	-0,001	0,008	0,029	FALSE
0,168	0,313	0,003	0,007	0,213	FALSE
0,135	0,311	0,003	0,006	0,158	FALSE
0,137	0,307	0,003	0,006	0,199	FALSE
-0,139	0,311	-0,005	0,010	0,191	FALSE
0,003	0,296	0,001	0,009	0,046	FALSE
-0,144	0,306	-0,007	0,013	0,227	FALSE
0,174	0,286	0,005	0,008	0,278	FALSE
0,067	0,307	0,003	0,010	0,120	FALSE
-0,101	0,306	-0,002	0,007	0,130	FALSE
0,069	0,300	0,002	0,007	0,085	FALSE
0,020	0,308	0,001	0,011	0,040	FALSE
0,040	0,301	0,000	0,011	0,016	FALSE
0,107	0,296	0,003	0,007	0,199	FALSE
-0,039	0,303	-0,001	0,011	0,048	FALSE
0,056	0,308	0,001	0,008	0,065	FALSE
0,061	0,290	0,003	0,012	0,112	FALSE
0,081	0,312	0,002	0,011	0,062	FALSE
-0,004	0,301	0,000	0,006	0,022	FALSE
-0,083	0,305	-0,003	0,013	0,095	FALSE
0,033	0,296	0,001	0,008	0,062	FALSE
0,103	0,301	0,004	0,012	0,132	FALSE
-0,049	0,296	-0,001	0,007	0,044	FALSE
-0,066	0,304	-0,002	0,007	0,092	FALSE
0,106	0,299	0,002	0,007	0,125	FALSE
-0,092	0,304	-0,003	0,009	0,120	FALSE
0,035	0,302	0,001	0,006	0,031	FALSE
-0,015	0,300	0,000	0,007	0,005	FALSE
-0,085	0,303	-0,003	0,010	0,114	FALSE
-0,208	0,293	-0,005	0,007	0,309	FALSE
0,140	0,295	0,006	0,010	0,245	FALSE
0,118	0,287	0,005	0,009	0,209	FALSE
0,144	0,295	0,006	0,010	0,260	FALSE
-0,027	0,301	0,000	0,006	0,021	FALSE
-0,005	0,304	0,000	0,007	0,019	FALSE
0,071	0,286	0,001	0,010	0,045	FALSE
-0,142	0,312	-0,005	0,010	0,203	FALSE
-0,043	0,305	-0,001	0,009	0,051	FALSE
-0,003	0,311	0,000	0,007	0,018	FALSE
-0,060	0,302	-0,002	0,012	0,078	FALSE
0,067	0,311	0,003	0,012	0,103	FALSE
-0,016	0,309	-0,001	0,007	0,026	FALSE
0,100	0,312	0,004	0,012	0,143	FALSE
0,052	0,309	0,002	0,010	0,075	FALSE
-0,125	0,296	-0,005	0,012	0,171	FALSE
-0,024	0,309	-0,001	0,008	0,048	FALSE
-0,006	0,312	0,000	0,008	0,020	FALSE
-0,011	0,311	0,000	0,010	0,001	FALSE

0,016	0,315	0,000	0,010	0,004	FALSE
-0,147	0,303	-0,003	0,006	0,194	FALSE
-0,029	0,314	0,000	0,006	0,015	FALSE
0,019	0,304	0,001	0,012	0,027	FALSE
0,002	0,321	0,000	0,008	0,009	FALSE
0,023	0,294	0,000	0,013	0,006	FALSE
-0,030	0,306	0,000	0,006	0,014	FALSE
0,003	0,308	-0,001	0,009	0,027	FALSE
0,050	0,296	0,001	0,010	0,045	FALSE
0,110	0,310	0,004	0,012	0,125	FALSE
0,058	0,316	0,002	0,010	0,079	FALSE
0,047	0,317	0,001	0,007	0,068	FALSE
0,050	0,310	0,001	0,006	0,033	FALSE
-0,075	0,302	-0,003	0,012	0,089	FALSE
-0,056	0,305	-0,002	0,012	0,072	FALSE
-0,047	0,311	-0,002	0,012	0,070	FALSE
-0,005	0,306	0,000	0,010	0,003	FALSE
-0,021	0,315	0,000	0,006	0,006	FALSE
-0,109	0,292	-0,001	0,007	0,083	FALSE
0,116	0,317	0,004	0,011	0,148	FALSE
-0,076	0,301	-0,002	0,006	0,097	FALSE
-0,080	0,314	-0,001	0,007	0,080	FALSE
0,097	0,306	0,004	0,013	0,112	FALSE
0,094	0,294	0,005	0,011	0,165	FALSE
-0,041	0,310	-0,001	0,007	0,065	FALSE
-0,119	0,303	-0,004	0,009	0,175	FALSE
0,027	0,305	0,000	0,007	0,010	FALSE
-0,009	0,296	0,000	0,007	0,017	FALSE
0,056	0,313	0,003	0,011	0,090	FALSE
-0,012	0,320	-0,001	0,012	0,034	FALSE
-0,145	0,291	-0,003	0,007	0,185	FALSE
-0,018	0,307	-0,001	0,011	0,022	FALSE
0,082	0,310	0,002	0,011	0,079	FALSE
-0,100	0,306	-0,003	0,009	0,131	FALSE
-0,041	0,308	-0,001	0,009	0,047	FALSE
-0,164	0,293	-0,006	0,010	0,282	FALSE
-0,100	0,308	-0,003	0,010	0,126	FALSE
0,002	0,300	0,000	0,008	0,001	FALSE
0,015	0,289	0,001	0,013	0,037	FALSE
-0,162	0,290	-0,003	0,007	0,210	FALSE
0,009	0,297	0,000	0,007	0,001	FALSE
0,030	0,310	0,001	0,010	0,030	FALSE
-0,021	0,302	0,000	0,009	0,007	FALSE
-0,058	0,312	-0,003	0,012	0,107	FALSE
-0,003	0,312	-0,001	0,013	0,028	FALSE
0,069	0,309	0,002	0,010	0,080	FALSE
-0,019	0,316	-0,001	0,008	0,028	FALSE
0,058	0,303	0,002	0,009	0,094	FALSE
-0,076	0,321	-0,002	0,009	0,069	FALSE
-0,001	0,293	0,001	0,010	0,025	FALSE
-0,016	0,306	0,000	0,006	0,020	FALSE
-0,062	0,294	-0,002	0,011	0,063	FALSE
0,033	0,320	0,001	0,011	0,025	FALSE

-0,083	0,311	-0,003	0,011	0,100	FALSE
0,039	0,301	0,002	0,012	0,063	FALSE
-0,114	0,311	-0,004	0,013	0,131	FALSE
0,038	0,317	0,001	0,008	0,070	FALSE
0,048	0,318	0,002	0,011	0,053	FALSE
-0,035	0,298	0,000	0,008	0,010	FALSE
-0,061	0,286	-0,004	0,012	0,122	FALSE
0,003	0,322	0,000	0,008	0,010	FALSE
-0,066	0,305	-0,003	0,012	0,107	FALSE
0,113	0,294	0,005	0,013	0,151	FALSE
-0,014	0,323	0,000	0,008	0,006	FALSE
0,023	0,313	0,000	0,007	0,016	FALSE
0,144	0,308	0,005	0,012	0,171	FALSE
0,084	0,300	0,002	0,009	0,066	FALSE
-0,035	0,296	-0,001	0,010	0,021	FALSE
0,064	0,314	0,002	0,012	0,073	FALSE
0,078	0,313	0,001	0,006	0,081	FALSE
-0,068	0,301	-0,003	0,012	0,086	FALSE
-0,072	0,310	-0,002	0,008	0,071	FALSE
-0,167	0,315	-0,005	0,009	0,237	FALSE
-0,029	0,320	-0,001	0,009	0,030	FALSE
0,081	0,301	0,002	0,010	0,067	FALSE
-0,027	0,307	0,000	0,007	0,024	FALSE
0,100	0,305	0,003	0,010	0,130	FALSE
0,031	0,300	0,002	0,012	0,055	FALSE
0,151	0,297	0,006	0,012	0,222	FALSE
-0,005	0,310	0,000	0,006	0,022	FALSE
0,060	0,319	0,003	0,012	0,089	FALSE
0,101	0,296	0,002	0,006	0,147	FALSE
0,102	0,309	0,003	0,011	0,122	FALSE
-0,067	0,300	-0,001	0,007	0,080	FALSE
0,063	0,309	0,002	0,009	0,092	FALSE
-0,008	0,300	0,000	0,010	0,002	FALSE
-0,127	0,319	-0,004	0,009	0,174	FALSE
0,226	0,291	0,007	0,008	0,383	FALSE
0,010	0,309	0,001	0,008	0,033	FALSE
-0,027	0,313	-0,001	0,011	0,029	FALSE
-0,054	0,311	-0,002	0,011	0,073	FALSE
-0,061	0,294	-0,003	0,012	0,093	FALSE
0,030	0,313	0,000	0,011	0,014	FALSE
-0,057	0,291	-0,002	0,007	0,086	FALSE
-0,059	0,308	-0,001	0,007	0,065	FALSE
-0,055	0,292	-0,003	0,011	0,094	FALSE
-0,064	0,301	-0,003	0,011	0,096	FALSE
0,032	0,301	0,001	0,010	0,027	FALSE
-0,088	0,300	-0,004	0,012	0,123	FALSE
-0,081	0,289	-0,003	0,011	0,109	FALSE
0,084	0,314	0,003	0,012	0,086	FALSE
0,057	0,301	0,001	0,011	0,042	FALSE
0,065	0,315	0,002	0,012	0,072	FALSE
0,147	0,298	0,005	0,011	0,205	FALSE
-0,062	0,315	-0,001	0,009	0,055	FALSE
0,185	0,313	0,006	0,010	0,227	FALSE

-0,025	0,310	-0,003	0,012	0,084	FALSE
0,084	0,299	0,003	0,012	0,105	FALSE
-0,088	0,305	-0,003	0,009	0,107	FALSE
0,039	0,305	0,001	0,008	0,051	FALSE
0,101	0,302	0,003	0,006	0,170	FALSE
0,026	0,319	0,001	0,010	0,032	FALSE
0,186	0,295	0,008	0,012	0,274	FALSE
-0,127	0,304	-0,005	0,012	0,166	FALSE
0,078	0,318	0,002	0,009	0,094	FALSE
0,000	0,325	0,000	0,011	0,008	FALSE
-0,018	0,306	0,000	0,008	0,011	FALSE
-0,005	0,310	0,001	0,011	0,030	FALSE
0,034	0,298	0,001	0,007	0,038	FALSE
0,099	0,303	0,002	0,011	0,082	FALSE
0,122	0,295	0,004	0,007	0,196	FALSE
0,001	0,314	0,000	0,009	0,010	FALSE
-0,020	0,320	-0,002	0,012	0,048	FALSE
-0,051	0,292	-0,001	0,009	0,046	FALSE
-0,021	0,312	-0,001	0,008	0,051	FALSE
-0,045	0,297	-0,001	0,011	0,041	FALSE
0,039	0,305	0,001	0,008	0,030	FALSE
-0,127	0,309	-0,003	0,007	0,189	FALSE
-0,013	0,302	0,000	0,007	0,002	FALSE
0,123	0,305	0,005	0,013	0,162	FALSE
0,013	0,317	0,000	0,008	0,016	FALSE
0,024	0,312	0,000	0,009	0,009	FALSE
0,121	0,302	0,005	0,011	0,185	FALSE
-0,077	0,320	-0,003	0,012	0,103	FALSE
-0,083	0,309	-0,004	0,012	0,116	FALSE
-0,116	0,317	-0,002	0,007	0,134	FALSE
-0,100	0,308	-0,003	0,007	0,165	FALSE
-0,001	0,325	-0,001	0,011	0,029	FALSE
-0,022	0,312	-0,001	0,007	0,055	FALSE
0,062	0,284	0,001	0,009	0,037	FALSE
0,068	0,300	0,001	0,007	0,052	FALSE
-0,119	0,310	-0,004	0,011	0,150	FALSE
-0,093	0,311	-0,002	0,007	0,110	FALSE
-0,049	0,315	-0,001	0,009	0,022	FALSE
0,013	0,290	0,000	0,006	0,020	FALSE
0,226	0,317	0,009	0,011	0,365	FALSE
0,040	0,302	0,002	0,009	0,067	FALSE
0,040	0,314	0,001	0,007	0,036	FALSE
-0,035	0,301	-0,001	0,010	0,025	FALSE
0,128	0,305	0,005	0,012	0,162	FALSE
-0,110	0,316	-0,005	0,012	0,172	FALSE
-0,020	0,293	-0,001	0,010	0,023	FALSE
-0,061	0,304	-0,003	0,012	0,090	FALSE
0,059	0,312	0,003	0,010	0,111	FALSE
-0,072	0,308	-0,002	0,012	0,074	FALSE
0,109	0,304	0,006	0,012	0,207	FALSE
-0,027	0,312	-0,001	0,010	0,046	FALSE
-0,144	0,304	-0,005	0,010	0,203	FALSE
-0,171	0,298	-0,006	0,010	0,263	FALSE

0,007	0,311	0,000	0,009	0,002	FALSE
0,006	0,308	0,001	0,010	0,017	FALSE
0,037	0,311	0,002	0,010	0,065	FALSE
0,140	0,307	0,005	0,011	0,212	FALSE
-0,197	0,296	-0,004	0,006	0,281	FALSE
-0,063	0,302	-0,003	0,011	0,104	FALSE
-0,033	0,302	-0,002	0,008	0,073	FALSE
-0,036	0,313	-0,001	0,010	0,045	FALSE
0,005	0,309	0,000	0,009	0,015	FALSE
0,092	0,297	0,002	0,008	0,127	FALSE
0,062	0,300	0,001	0,007	0,069	FALSE
-0,010	0,311	-0,001	0,011	0,023	FALSE
0,012	0,309	-0,001	0,008	0,025	FALSE
0,000	0,319	0,000	0,011	0,011	FALSE
-0,006	0,315	0,000	0,008	0,013	FALSE
-0,028	0,312	0,000	0,010	0,015	FALSE
0,068	0,313	0,002	0,011	0,079	FALSE
-0,030	0,306	0,000	0,008	0,021	FALSE
0,036	0,303	0,001	0,008	0,028	FALSE
0,055	0,308	0,001	0,008	0,055	FALSE
0,106	0,292	0,003	0,006	0,172	FALSE
0,062	0,308	0,002	0,007	0,089	FALSE
0,011	0,305	0,001	0,012	0,027	FALSE
0,051	0,303	0,001	0,007	0,041	FALSE
0,047	0,308	0,001	0,006	0,041	FALSE
0,095	0,305	0,003	0,009	0,116	FALSE
-0,002	0,321	0,001	0,010	0,024	FALSE
-0,077	0,305	-0,002	0,007	0,102	FALSE
-0,053	0,305	-0,001	0,011	0,043	FALSE
-0,019	0,307	0,000	0,012	0,014	FALSE
0,008	0,312	0,000	0,006	0,017	FALSE
-0,178	0,298	-0,007	0,011	0,283	FALSE
-0,014	0,297	0,000	0,008	0,023	FALSE
0,013	0,304	0,000	0,007	0,019	FALSE
0,095	0,311	0,002	0,007	0,076	FALSE
-0,123	0,285	-0,002	0,006	0,147	FALSE
0,024	0,322	0,000	0,007	0,016	FALSE
-0,024	0,305	-0,001	0,010	0,038	FALSE
-0,039	0,301	-0,001	0,007	0,042	FALSE
0,022	0,315	0,000	0,007	0,019	FALSE
0,033	0,321	0,001	0,009	0,040	FALSE
-0,062	0,304	-0,001	0,010	0,052	FALSE
0,074	0,322	0,002	0,013	0,064	FALSE
-0,079	0,314	-0,001	0,006	0,077	FALSE
0,131	0,309	0,003	0,007	0,169	FALSE
-0,018	0,314	0,000	0,010	0,001	FALSE
0,124	0,304	0,004	0,012	0,122	FALSE
-0,042	0,311	-0,002	0,012	0,061	FALSE
0,057	0,305	0,001	0,006	0,057	FALSE
-0,026	0,303	-0,001	0,007	0,030	FALSE
-0,052	0,315	-0,002	0,012	0,055	FALSE
0,050	0,305	0,002	0,012	0,056	FALSE
0,052	0,305	0,002	0,012	0,047	FALSE

0,124	0,289	0,005	0,012	0,156	FALSE
-0,015	0,297	0,000	0,006	0,003	FALSE
-0,039	0,314	-0,001	0,009	0,053	FALSE
-0,039	0,301	0,000	0,007	0,002	FALSE
-0,085	0,301	-0,004	0,011	0,132	FALSE
0,067	0,319	0,002	0,012	0,067	FALSE
-0,078	0,286	-0,004	0,012	0,133	FALSE
-0,077	0,320	-0,002	0,010	0,078	FALSE
-0,067	0,298	-0,002	0,009	0,091	FALSE
-0,099	0,303	-0,003	0,008	0,130	FALSE
0,115	0,308	0,003	0,007	0,166	FALSE
-0,018	0,310	-0,001	0,008	0,027	FALSE
0,004	0,298	0,000	0,011	0,012	FALSE
-0,032	0,299	-0,001	0,008	0,031	FALSE
-0,045	0,316	-0,001	0,007	0,076	FALSE
0,054	0,305	0,002	0,010	0,059	FALSE
0,114	0,304	0,005	0,013	0,145	FALSE
0,139	0,305	0,005	0,011	0,195	FALSE
0,085	0,308	0,001	0,008	0,066	FALSE
0,064	0,303	0,002	0,012	0,080	FALSE
0,211	0,312	0,006	0,008	0,305	FALSE
-0,047	0,321	-0,001	0,007	0,076	FALSE
-0,089	0,308	-0,003	0,012	0,111	FALSE
0,044	0,302	0,002	0,011	0,079	FALSE
-0,027	0,314	0,000	0,007	0,023	FALSE
0,002	0,312	-0,001	0,010	0,035	FALSE
0,032	0,306	0,001	0,011	0,030	FALSE
0,079	0,304	0,002	0,008	0,085	FALSE
0,191	0,289	0,006	0,009	0,299	FALSE
0,106	0,300	0,002	0,007	0,139	FALSE
0,005	0,307	0,000	0,008	0,000	FALSE
-0,190	0,302	-0,005	0,008	0,315	FALSE
0,040	0,317	0,001	0,007	0,066	FALSE
0,040	0,297	0,001	0,007	0,057	FALSE
-0,030	0,304	-0,001	0,007	0,028	FALSE
0,099	0,303	0,002	0,006	0,148	FALSE
0,010	0,318	0,000	0,008	0,013	FALSE
-0,059	0,294	-0,002	0,011	0,066	FALSE
0,073	0,313	0,002	0,008	0,079	FALSE
0,035	0,307	0,001	0,009	0,033	FALSE
0,016	0,300	0,000	0,006	0,017	FALSE
-0,014	0,320	0,000	0,009	0,019	FALSE
0,128	0,298	0,004	0,008	0,233	FALSE
0,121	0,311	0,003	0,006	0,206	FALSE
0,142	0,304	0,007	0,012	0,231	FALSE
0,044	0,303	0,002	0,008	0,100	FALSE
-0,008	0,309	0,001	0,008	0,023	FALSE
-0,028	0,305	-0,001	0,006	0,076	FALSE
-0,022	0,308	-0,001	0,008	0,038	FALSE
0,120	0,294	0,003	0,006	0,172	FALSE
0,046	0,303	0,001	0,011	0,027	FALSE
0,032	0,297	0,000	0,010	0,004	FALSE
-0,069	0,311	-0,003	0,012	0,084	FALSE

-0,004	0,308	0,000	0,006	0,002	FALSE
0,133	0,289	0,005	0,012	0,155	FALSE
-0,109	0,307	-0,006	0,012	0,182	FALSE
0,041	0,313	0,000	0,007	0,013	FALSE
0,012	0,310	0,000	0,007	0,025	FALSE
0,008	0,316	0,001	0,011	0,035	FALSE
0,041	0,297	0,001	0,010	0,018	FALSE
0,054	0,299	0,001	0,010	0,042	FALSE
-0,133	0,311	-0,003	0,007	0,208	FALSE
-0,133	0,296	-0,003	0,007	0,170	FALSE
0,077	0,314	0,002	0,010	0,090	FALSE
0,098	0,298	0,005	0,012	0,163	FALSE
0,019	0,302	0,001	0,013	0,016	FALSE
0,008	0,300	0,000	0,012	0,008	FALSE
0,038	0,295	0,002	0,011	0,075	FALSE
-0,010	0,305	0,000	0,007	0,013	FALSE
0,030	0,307	0,001	0,012	0,029	FALSE
0,077	0,298	0,002	0,011	0,084	FALSE
0,069	0,309	0,001	0,007	0,079	FALSE
0,007	0,313	0,001	0,007	0,048	FALSE
-0,030	0,312	-0,001	0,007	0,055	FALSE
0,032	0,307	0,001	0,006	0,088	FALSE
0,100	0,297	0,002	0,011	0,080	FALSE
-0,109	0,302	-0,002	0,007	0,126	FALSE
0,070	0,315	0,002	0,011	0,071	FALSE
-0,057	0,302	-0,002	0,008	0,092	FALSE
0,089	0,303	0,002	0,010	0,087	FALSE
-0,024	0,313	-0,001	0,006	0,053	FALSE
-0,004	0,303	0,000	0,007	0,015	FALSE
-0,109	0,314	-0,003	0,010	0,135	FALSE
-0,068	0,305	-0,003	0,009	0,111	FALSE
0,020	0,306	0,001	0,010	0,031	FALSE
-0,076	0,294	-0,001	0,009	0,052	FALSE
-0,082	0,300	-0,003	0,010	0,106	FALSE
-0,081	0,306	-0,002	0,008	0,088	FALSE
-0,078	0,302	-0,003	0,009	0,138	FALSE
-0,051	0,299	0,000	0,006	0,015	FALSE
-0,118	0,302	-0,003	0,008	0,155	FALSE
0,002	0,310	0,000	0,008	0,010	FALSE
-0,072	0,321	-0,002	0,007	0,095	FALSE
-0,061	0,302	-0,001	0,006	0,072	FALSE
0,011	0,299	0,000	0,007	0,011	FALSE
0,002	0,301	0,000	0,007	0,020	FALSE
-0,146	0,311	-0,003	0,007	0,191	FALSE
0,050	0,310	0,002	0,009	0,061	FALSE
0,088	0,294	0,003	0,010	0,105	FALSE
0,127	0,304	0,003	0,007	0,141	FALSE
0,021	0,301	0,001	0,007	0,072	FALSE
0,136	0,281	0,006	0,010	0,256	FALSE
-0,119	0,303	-0,002	0,007	0,132	FALSE
-0,064	0,315	-0,002	0,011	0,079	FALSE
-0,135	0,302	-0,004	0,009	0,184	FALSE
0,179	0,311	0,006	0,010	0,271	FALSE

-0,110	0,312	-0,003	0,008	0,148	FALSE
0,024	0,294	0,001	0,007	0,065	FALSE
0,121	0,315	0,003	0,007	0,151	FALSE
-0,111	0,311	-0,003	0,007	0,150	FALSE
-0,014	0,308	0,000	0,012	0,006	FALSE
0,034	0,310	0,001	0,012	0,026	FALSE
-0,023	0,309	0,000	0,007	0,009	FALSE
-0,061	0,307	-0,002	0,011	0,084	FALSE
-0,149	0,313	-0,006	0,012	0,189	FALSE
0,041	0,320	0,001	0,007	0,041	FALSE
-0,003	0,323	-0,001	0,010	0,024	FALSE
-0,167	0,306	-0,003	0,006	0,210	FALSE
0,016	0,303	0,000	0,006	0,000	FALSE
0,089	0,298	0,002	0,006	0,126	FALSE
0,175	0,293	0,008	0,012	0,284	FALSE
0,062	0,304	0,001	0,006	0,090	FALSE
0,086	0,310	0,002	0,008	0,101	FALSE
0,031	0,294	0,001	0,008	0,033	FALSE
0,056	0,317	0,002	0,012	0,055	FALSE
-0,075	0,299	-0,002	0,009	0,066	FALSE
0,062	0,308	0,002	0,012	0,071	FALSE
0,005	0,305	0,000	0,009	0,006	FALSE
0,074	0,299	0,001	0,007	0,065	FALSE
-0,060	0,309	-0,002	0,007	0,115	FALSE
-0,024	0,315	0,000	0,010	0,013	FALSE
0,005	0,319	0,000	0,008	0,005	FALSE
0,072	0,288	0,002	0,007	0,085	FALSE
-0,120	0,298	-0,004	0,009	0,173	FALSE
0,064	0,321	0,002	0,007	0,087	FALSE
0,020	0,308	0,000	0,009	0,019	FALSE
0,052	0,303	0,001	0,008	0,061	FALSE
-0,016	0,303	-0,001	0,012	0,020	FALSE
0,019	0,301	0,000	0,009	0,001	FALSE
-0,106	0,294	-0,004	0,009	0,185	FALSE
-0,158	0,284	-0,005	0,011	0,201	FALSE
-0,086	0,286	-0,003	0,011	0,112	FALSE
-0,050	0,315	-0,001	0,008	0,061	FALSE
0,067	0,323	0,002	0,011	0,061	FALSE
-0,032	0,328	-0,001	0,007	0,036	FALSE
0,050	0,318	0,002	0,011	0,051	FALSE
-0,092	0,308	-0,002	0,006	0,115	FALSE
0,068	0,308	0,002	0,009	0,075	FALSE
0,054	0,295	0,002	0,010	0,099	FALSE
-0,101	0,310	-0,005	0,011	0,166	FALSE
-0,117	0,294	-0,003	0,008	0,147	FALSE
0,056	0,305	0,002	0,008	0,067	FALSE
0,083	0,314	0,002	0,008	0,110	FALSE
-0,030	0,317	-0,002	0,012	0,064	FALSE
0,099	0,298	0,004	0,011	0,150	FALSE
0,122	0,282	0,004	0,008	0,222	FALSE
-0,008	0,297	0,000	0,008	0,009	FALSE
-0,094	0,315	-0,003	0,011	0,116	FALSE
-0,053	0,302	-0,003	0,012	0,084	FALSE

0,157	0,299	0,005	0,010	0,233	FALSE
0,068	0,307	0,002	0,009	0,082	FALSE
-0,073	0,312	-0,002	0,009	0,086	FALSE
0,090	0,299	0,002	0,008	0,111	FALSE
0,006	0,300	0,000	0,010	0,012	FALSE
-0,106	0,289	-0,003	0,008	0,158	FALSE
0,020	0,299	0,000	0,010	0,010	FALSE
0,105	0,304	0,003	0,008	0,153	FALSE
-0,041	0,311	-0,002	0,010	0,055	FALSE
-0,087	0,315	-0,003	0,013	0,094	FALSE
0,115	0,297	0,002	0,007	0,144	FALSE
0,019	0,308	0,001	0,012	0,032	FALSE
-0,013	0,302	0,000	0,008	0,015	FALSE
-0,125	0,301	-0,003	0,010	0,140	FALSE
-0,018	0,323	0,000	0,007	0,009	FALSE
0,066	0,309	0,003	0,013	0,088	FALSE
-0,037	0,315	-0,001	0,007	0,057	FALSE
-0,064	0,311	-0,002	0,010	0,081	FALSE
-0,069	0,297	-0,002	0,007	0,086	FALSE
0,131	0,307	0,005	0,011	0,185	FALSE
0,076	0,317	0,002	0,007	0,096	FALSE
-0,129	0,315	-0,003	0,007	0,148	FALSE
0,023	0,300	0,000	0,006	0,007	FALSE
0,012	0,308	0,000	0,006	0,001	FALSE
-0,046	0,315	-0,002	0,010	0,088	FALSE
-0,040	0,312	-0,002	0,012	0,065	FALSE
-0,033	0,331	-0,001	0,009	0,053	FALSE
0,104	0,292	0,004	0,009	0,200	FALSE
-0,025	0,315	-0,001	0,012	0,045	FALSE
0,008	0,310	0,000	0,013	0,014	FALSE
-0,024	0,312	0,000	0,011	0,000	FALSE
0,001	0,330	0,000	0,010	0,007	FALSE
-0,046	0,309	-0,001	0,008	0,071	FALSE
-0,106	0,299	-0,002	0,006	0,155	FALSE
0,030	0,317	0,000	0,007	0,012	FALSE
0,206	0,305	0,005	0,007	0,342	FALSE
0,003	0,312	0,000	0,010	0,007	FALSE
-0,080	0,310	-0,003	0,010	0,119	FALSE
-0,047	0,301	-0,001	0,012	0,044	FALSE
-0,062	0,303	-0,002	0,012	0,064	FALSE
-0,042	0,294	-0,001	0,011	0,045	FALSE
0,151	0,295	0,006	0,011	0,237	FALSE
0,006	0,307	0,001	0,008	0,027	FALSE
0,028	0,303	0,001	0,007	0,072	FALSE
0,064	0,313	0,002	0,010	0,070	FALSE
0,041	0,315	0,001	0,007	0,028	FALSE
0,131	0,303	0,005	0,010	0,225	FALSE
0,079	0,299	0,002	0,010	0,065	FALSE
0,058	0,294	0,001	0,011	0,028	FALSE
0,083	0,312	0,002	0,009	0,073	FALSE
0,110	0,304	0,003	0,009	0,124	FALSE
0,083	0,286	0,002	0,010	0,069	FALSE
0,043	0,302	0,001	0,011	0,020	FALSE

-0,021	0,303	0,000	0,007	0,008	FALSE
-0,180	0,286	-0,005	0,008	0,241	FALSE
0,236	0,298	0,008	0,010	0,365	FALSE
-0,012	0,324	0,000	0,007	0,008	FALSE
-0,021	0,311	0,000	0,007	0,007	FALSE
-0,039	0,306	-0,001	0,010	0,032	FALSE
-0,027	0,292	-0,001	0,007	0,051	FALSE
-0,053	0,314	-0,002	0,011	0,065	FALSE
0,060	0,303	0,002	0,009	0,077	FALSE
0,116	0,305	0,004	0,011	0,166	FALSE
0,004	0,312	0,000	0,007	0,013	FALSE
-0,122	0,301	-0,004	0,010	0,161	FALSE
-0,008	0,313	0,000	0,012	0,010	FALSE
-0,012	0,314	0,000	0,012	0,010	FALSE
0,037	0,316	0,002	0,013	0,065	FALSE
-0,048	0,312	-0,001	0,008	0,068	FALSE
-0,042	0,312	-0,001	0,010	0,042	FALSE
-0,056	0,303	-0,001	0,008	0,051	FALSE
-0,022	0,317	0,000	0,006	0,028	FALSE
-0,029	0,302	0,000	0,012	0,004	FALSE
0,113	0,305	0,004	0,008	0,189	FALSE
0,073	0,298	0,004	0,012	0,125	FALSE
-0,120	0,310	-0,004	0,009	0,163	FALSE
-0,024	0,305	-0,001	0,008	0,023	FALSE
-0,021	0,304	-0,001	0,007	0,032	FALSE
0,093	0,302	0,002	0,006	0,093	FALSE
-0,044	0,303	-0,002	0,011	0,081	FALSE
0,027	0,302	0,002	0,012	0,055	FALSE
-0,008	0,298	-0,001	0,008	0,027	FALSE
0,074	0,306	0,003	0,011	0,105	FALSE
0,070	0,295	0,002	0,010	0,078	FALSE
-0,036	0,313	0,000	0,008	0,009	FALSE
0,040	0,310	0,000	0,007	0,023	FALSE
0,019	0,304	0,000	0,007	0,016	FALSE
-0,007	0,308	0,000	0,008	0,001	FALSE
0,037	0,307	0,001	0,007	0,049	FALSE
0,072	0,311	0,002	0,007	0,104	FALSE
0,001	0,305	0,000	0,008	0,012	FALSE
-0,003	0,302	0,000	0,011	0,001	FALSE
-0,009	0,308	0,000	0,010	0,006	FALSE
0,058	0,321	0,001	0,008	0,066	FALSE
0,125	0,303	0,004	0,010	0,152	FALSE
0,018	0,306	0,000	0,006	0,027	FALSE
-0,052	0,314	-0,002	0,012	0,073	FALSE
-0,032	0,306	-0,001	0,012	0,034	FALSE
0,120	0,302	0,002	0,007	0,120	FALSE
-0,037	0,302	-0,001	0,008	0,041	FALSE
-0,055	0,311	-0,002	0,007	0,082	FALSE
0,009	0,304	0,001	0,007	0,032	FALSE
-0,018	0,303	-0,001	0,007	0,038	FALSE
-0,017	0,304	0,000	0,011	0,016	FALSE
0,021	0,307	0,001	0,010	0,029	FALSE
0,006	0,313	0,000	0,007	0,004	FALSE

-0,027	0,301	-0,001	0,006	0,059	FALSE
-0,044	0,291	-0,001	0,012	0,027	FALSE
-0,112	0,312	-0,002	0,007	0,120	FALSE
0,079	0,297	0,003	0,011	0,100	FALSE
-0,079	0,304	-0,003	0,013	0,106	FALSE
-0,004	0,303	0,000	0,008	0,014	FALSE
0,056	0,297	0,001	0,006	0,044	FALSE
0,074	0,302	0,002	0,008	0,077	FALSE
0,132	0,302	0,003	0,007	0,155	FALSE
-0,092	0,306	-0,003	0,011	0,120	FALSE
0,195	0,296	0,004	0,007	0,279	FALSE
0,035	0,314	0,002	0,012	0,049	FALSE
-0,052	0,313	-0,002	0,008	0,075	FALSE
0,052	0,295	0,001	0,007	0,060	FALSE
-0,014	0,318	0,000	0,010	0,014	FALSE
-0,107	0,307	-0,003	0,007	0,136	FALSE
-0,124	0,298	-0,003	0,008	0,166	FALSE
-0,020	0,310	-0,001	0,007	0,051	FALSE
-0,041	0,322	-0,001	0,010	0,041	FALSE
-0,023	0,320	-0,001	0,010	0,037	FALSE
-0,060	0,302	-0,002	0,007	0,105	FALSE
-0,021	0,298	-0,001	0,007	0,044	FALSE
-0,010	0,316	-0,001	0,012	0,034	FALSE
0,015	0,307	0,000	0,006	0,018	FALSE
0,010	0,303	0,000	0,006	0,003	FALSE
-0,033	0,307	-0,001	0,009	0,046	FALSE
0,179	0,291	0,004	0,006	0,280	FALSE
0,092	0,308	0,003	0,010	0,103	FALSE
-0,102	0,310	-0,002	0,007	0,129	FALSE
0,069	0,308	0,003	0,011	0,088	FALSE
-0,005	0,303	0,000	0,012	0,009	FALSE
0,051	0,308	0,002	0,010	0,068	FALSE
0,111	0,288	0,003	0,006	0,196	FALSE
0,041	0,292	0,001	0,010	0,049	FALSE
-0,090	0,321	-0,004	0,011	0,131	FALSE
0,024	0,310	0,000	0,009	0,017	FALSE
0,147	0,304	0,007	0,012	0,238	FALSE
0,069	0,305	0,004	0,012	0,126	FALSE
-0,025	0,310	-0,001	0,011	0,050	FALSE
-0,141	0,312	-0,004	0,008	0,217	FALSE
-0,121	0,311	-0,005	0,011	0,205	FALSE
0,146	0,307	0,004	0,008	0,211	FALSE
-0,054	0,306	-0,002	0,010	0,078	FALSE
-0,084	0,317	-0,002	0,008	0,106	FALSE
-0,084	0,294	-0,002	0,007	0,108	FALSE
-0,020	0,313	-0,001	0,009	0,035	FALSE
0,000	0,310	0,000	0,009	0,006	FALSE
-0,062	0,299	-0,002	0,011	0,057	FALSE
-0,081	0,312	-0,004	0,012	0,115	FALSE
-0,030	0,305	-0,001	0,007	0,043	FALSE
0,102	0,307	0,004	0,012	0,126	FALSE
0,055	0,299	0,001	0,008	0,065	FALSE
0,044	0,305	0,001	0,008	0,038	FALSE

0,060	0,316	0,001	0,007	0,055	FALSE
0,036	0,300	0,002	0,011	0,069	FALSE
0,077	0,296	0,003	0,011	0,119	FALSE
0,057	0,291	0,003	0,011	0,086	FALSE
0,066	0,302	0,003	0,012	0,101	FALSE
-0,084	0,300	-0,002	0,006	0,111	FALSE
-0,040	0,312	-0,001	0,008	0,031	FALSE
0,084	0,309	0,003	0,013	0,081	FALSE
0,034	0,305	0,002	0,012	0,060	FALSE
0,007	0,310	0,000	0,012	0,007	FALSE
-0,046	0,306	-0,001	0,006	0,048	FALSE
0,037	0,309	0,002	0,011	0,056	FALSE
0,064	0,315	0,001	0,008	0,054	FALSE
-0,038	0,308	-0,001	0,010	0,017	FALSE
0,074	0,306	0,003	0,011	0,097	FALSE
-0,067	0,312	-0,002	0,010	0,083	FALSE
-0,030	0,312	-0,001	0,011	0,034	FALSE
0,040	0,314	0,001	0,011	0,038	FALSE
0,089	0,317	0,002	0,009	0,101	FALSE
-0,052	0,306	-0,001	0,011	0,030	FALSE
-0,188	0,307	-0,005	0,009	0,233	FALSE
-0,043	0,309	-0,001	0,013	0,034	FALSE
-0,031	0,311	-0,001	0,013	0,032	FALSE
-0,039	0,307	-0,001	0,012	0,040	FALSE
-0,143	0,300	-0,004	0,008	0,181	FALSE
-0,084	0,319	-0,003	0,011	0,094	FALSE
-0,006	0,317	0,001	0,008	0,035	FALSE
0,018	0,326	0,001	0,009	0,027	FALSE
0,101	0,311	0,003	0,008	0,128	FALSE
0,117	0,298	0,005	0,011	0,171	FALSE
0,034	0,295	0,002	0,011	0,055	FALSE
-0,018	0,316	0,000	0,007	0,023	FALSE
0,025	0,303	0,001	0,013	0,030	FALSE
0,036	0,306	0,000	0,011	0,010	FALSE
-0,047	0,305	-0,001	0,008	0,052	FALSE
0,006	0,317	0,000	0,012	0,004	FALSE
-0,035	0,300	-0,002	0,013	0,059	FALSE
0,034	0,301	0,001	0,011	0,016	FALSE
0,053	0,305	0,001	0,012	0,034	FALSE
-0,003	0,315	0,000	0,007	0,005	FALSE
0,067	0,297	0,002	0,011	0,049	FALSE
-0,069	0,314	-0,002	0,009	0,073	FALSE
-0,089	0,292	-0,002	0,011	0,076	FALSE
0,149	0,302	0,003	0,006	0,210	FALSE
-0,038	0,314	-0,003	0,013	0,075	FALSE
0,084	0,321	0,002	0,010	0,091	FALSE
0,040	0,303	0,002	0,013	0,044	FALSE
0,014	0,290	0,000	0,012	0,000	FALSE
-0,019	0,323	-0,001	0,008	0,027	FALSE
0,117	0,291	0,003	0,007	0,147	FALSE
0,031	0,309	0,000	0,007	0,025	FALSE
0,099	0,306	0,002	0,008	0,109	FALSE
-0,125	0,311	-0,003	0,009	0,159	FALSE

-0,067	0,321	-0,001	0,006	0,040	FALSE
0,058	0,311	0,001	0,008	0,042	FALSE
-0,055	0,314	-0,001	0,007	0,079	FALSE
0,010	0,304	0,001	0,010	0,022	FALSE
-0,055	0,315	-0,001	0,006	0,053	FALSE
-0,056	0,297	-0,002	0,006	0,097	FALSE
-0,059	0,308	-0,003	0,012	0,092	FALSE
0,028	0,318	0,000	0,009	0,007	FALSE
0,045	0,305	0,002	0,009	0,082	FALSE
-0,063	0,298	-0,002	0,011	0,082	FALSE
0,042	0,299	0,001	0,006	0,085	FALSE
-0,046	0,303	-0,001	0,009	0,041	FALSE
-0,054	0,299	-0,002	0,008	0,093	FALSE
0,099	0,313	0,002	0,007	0,089	FALSE
-0,041	0,318	-0,001	0,011	0,040	FALSE
-0,080	0,307	-0,004	0,012	0,115	FALSE
-0,129	0,314	-0,003	0,010	0,140	FALSE
-0,179	0,288	-0,005	0,010	0,219	FALSE
-0,100	0,302	-0,005	0,012	0,153	FALSE
-0,080	0,309	-0,003	0,012	0,108	FALSE
0,054	0,308	0,001	0,008	0,063	FALSE
0,106	0,303	0,002	0,006	0,148	FALSE
0,009	0,307	0,000	0,009	0,009	FALSE
0,004	0,305	0,000	0,008	0,008	FALSE
0,058	0,311	0,001	0,008	0,066	FALSE
0,115	0,301	0,003	0,008	0,175	FALSE
-0,086	0,316	-0,003	0,013	0,086	FALSE
-0,029	0,310	-0,002	0,013	0,051	FALSE
-0,093	0,302	-0,002	0,008	0,107	FALSE
-0,053	0,310	-0,002	0,008	0,070	FALSE
-0,011	0,295	0,000	0,007	0,020	FALSE
0,043	0,304	0,003	0,012	0,095	FALSE
0,012	0,313	0,001	0,012	0,043	FALSE
0,048	0,307	0,002	0,007	0,102	FALSE
0,028	0,305	0,002	0,010	0,060	FALSE
-0,001	0,300	0,000	0,008	0,010	FALSE
-0,014	0,296	0,000	0,008	0,005	FALSE
-0,149	0,296	-0,005	0,010	0,213	FALSE
0,138	0,299	0,005	0,013	0,148	FALSE
-0,107	0,314	-0,004	0,009	0,159	FALSE
-0,119	0,304	-0,002	0,007	0,145	FALSE
0,123	0,307	0,005	0,011	0,190	FALSE
-0,032	0,318	0,000	0,008	0,017	FALSE
0,042	0,306	0,001	0,007	0,054	FALSE
0,002	0,313	0,000	0,010	0,007	FALSE
-0,014	0,312	-0,001	0,009	0,036	FALSE
-0,071	0,310	-0,001	0,006	0,071	FALSE
-0,039	0,313	-0,001	0,010	0,053	FALSE
0,030	0,316	0,001	0,008	0,054	FALSE
0,158	0,307	0,003	0,007	0,202	FALSE
-0,064	0,316	-0,002	0,010	0,088	FALSE
-0,086	0,307	-0,003	0,009	0,127	FALSE
-0,031	0,319	-0,002	0,013	0,052	FALSE

0,015	0,305	0,000	0,012	0,010	FALSE
-0,073	0,311	-0,002	0,011	0,062	FALSE
-0,023	0,314	-0,001	0,006	0,040	FALSE
0,017	0,304	0,000	0,011	0,011	FALSE
0,082	0,301	0,004	0,011	0,151	FALSE
-0,019	0,307	-0,001	0,011	0,025	FALSE
0,044	0,301	0,001	0,006	0,069	FALSE
-0,045	0,317	-0,002	0,011	0,064	FALSE
-0,023	0,309	-0,001	0,006	0,043	FALSE
-0,031	0,308	-0,002	0,011	0,069	FALSE
-0,017	0,323	-0,002	0,012	0,054	FALSE
-0,045	0,290	-0,002	0,011	0,068	FALSE
-0,090	0,300	-0,002	0,011	0,079	FALSE
-0,126	0,301	-0,004	0,011	0,141	FALSE
0,009	0,308	0,001	0,013	0,030	FALSE
-0,003	0,296	0,000	0,011	0,005	FALSE
0,007	0,298	-0,001	0,006	0,039	FALSE
-0,021	0,307	0,000	0,008	0,002	FALSE
0,000	0,308	0,000	0,008	0,019	FALSE
-0,013	0,312	0,000	0,006	0,006	FALSE
0,017	0,299	0,001	0,009	0,026	FALSE
-0,069	0,302	-0,004	0,012	0,124	FALSE
-0,189	0,310	-0,004	0,007	0,269	FALSE
-0,020	0,304	-0,001	0,006	0,030	FALSE
-0,177	0,302	-0,003	0,006	0,238	FALSE
-0,048	0,299	-0,001	0,006	0,053	FALSE
-0,103	0,299	-0,003	0,012	0,088	FALSE
0,042	0,312	0,001	0,008	0,068	FALSE
0,057	0,308	0,002	0,011	0,076	FALSE
0,089	0,315	0,004	0,013	0,109	FALSE
0,094	0,297	0,003	0,008	0,122	FALSE
0,111	0,296	0,004	0,009	0,179	FALSE
-0,070	0,309	-0,003	0,012	0,086	FALSE
0,215	0,297	0,005	0,008	0,308	FALSE
0,127	0,304	0,003	0,009	0,152	FALSE
-0,008	0,315	-0,001	0,011	0,021	FALSE
0,063	0,305	0,003	0,009	0,112	FALSE
0,040	0,309	0,002	0,009	0,076	FALSE
-0,049	0,303	-0,002	0,011	0,055	FALSE
-0,065	0,311	-0,001	0,008	0,050	FALSE
0,111	0,315	0,002	0,009	0,100	FALSE
0,024	0,285	0,002	0,012	0,079	FALSE
0,041	0,307	0,001	0,010	0,036	FALSE
-0,122	0,305	-0,004	0,009	0,190	FALSE
-0,046	0,318	-0,001	0,009	0,031	FALSE
0,019	0,306	0,000	0,008	0,014	FALSE
-0,080	0,305	-0,004	0,012	0,120	FALSE
-0,108	0,309	-0,002	0,006	0,154	FALSE
0,026	0,301	0,002	0,012	0,049	FALSE
-0,111	0,295	-0,005	0,013	0,165	FALSE
-0,113	0,308	-0,003	0,007	0,154	FALSE
-0,136	0,289	-0,003	0,009	0,157	FALSE
0,026	0,299	0,001	0,009	0,062	FALSE

0,007	0,309	0,000	0,013	0,000	FALSE
-0,033	0,308	0,000	0,008	0,015	FALSE
-0,039	0,293	0,000	0,009	0,014	FALSE
-0,028	0,304	0,000	0,009	0,002	FALSE
0,078	0,312	0,003	0,011	0,122	FALSE
-0,035	0,304	-0,001	0,007	0,032	FALSE
0,119	0,301	0,005	0,011	0,187	FALSE
0,154	0,304	0,008	0,013	0,277	FALSE
0,112	0,297	0,003	0,007	0,162	FALSE
0,135	0,299	0,003	0,008	0,186	FALSE
0,019	0,306	0,000	0,006	0,004	FALSE
-0,010	0,288	0,000	0,008	0,012	FALSE
0,032	0,299	0,002	0,011	0,052	FALSE
0,153	0,299	0,004	0,008	0,200	FALSE
0,087	0,304	0,002	0,008	0,086	FALSE
-0,086	0,309	-0,002	0,006	0,101	FALSE
-0,001	0,296	0,000	0,006	0,005	FALSE
-0,035	0,296	-0,001	0,007	0,056	FALSE
-0,018	0,310	-0,001	0,008	0,027	FALSE
0,060	0,313	0,001	0,007	0,071	FALSE
0,010	0,313	0,000	0,008	0,013	FALSE
-0,062	0,317	-0,002	0,010	0,092	FALSE
0,032	0,314	0,001	0,006	0,039	FALSE
0,006	0,296	-0,001	0,009	0,024	FALSE
0,034	0,297	0,000	0,010	0,008	FALSE
-0,090	0,306	-0,003	0,008	0,159	FALSE
-0,086	0,318	-0,002	0,007	0,133	FALSE
-0,013	0,304	-0,001	0,009	0,021	FALSE
-0,084	0,300	-0,003	0,008	0,148	FALSE
0,097	0,313	0,004	0,012	0,137	FALSE
0,001	0,311	-0,001	0,009	0,025	FALSE
0,076	0,308	0,003	0,012	0,110	FALSE
-0,124	0,303	-0,004	0,011	0,163	FALSE
-0,040	0,301	-0,001	0,011	0,032	FALSE
0,097	0,327	0,003	0,013	0,085	FALSE
0,041	0,317	0,001	0,011	0,021	FALSE
-0,027	0,304	0,000	0,012	0,014	FALSE
0,063	0,301	0,001	0,007	0,078	FALSE
0,007	0,308	0,000	0,008	0,010	FALSE
0,119	0,295	0,002	0,006	0,114	FALSE
-0,070	0,283	-0,002	0,007	0,100	FALSE
0,086	0,299	0,002	0,006	0,126	FALSE
-0,051	0,303	-0,002	0,011	0,075	FALSE
0,040	0,312	0,001	0,007	0,037	FALSE
-0,094	0,295	-0,004	0,011	0,130	FALSE
-0,072	0,303	-0,003	0,012	0,081	FALSE
-0,135	0,321	-0,003	0,007	0,172	FALSE
-0,096	0,309	-0,001	0,007	0,086	FALSE
-0,136	0,297	-0,004	0,008	0,189	FALSE
-0,017	0,296	-0,001	0,011	0,027	FALSE
-0,009	0,303	-0,001	0,011	0,018	FALSE
0,050	0,300	0,001	0,012	0,035	FALSE
-0,010	0,311	0,000	0,012	0,004	FALSE

0,007	0,299	0,000	0,007	0,002	FALSE
-0,030	0,305	0,000	0,011	0,009	FALSE
-0,003	0,315	0,000	0,012	0,011	FALSE
-0,067	0,299	-0,001	0,007	0,054	FALSE
-0,040	0,312	-0,002	0,010	0,070	FALSE
-0,073	0,303	-0,002	0,007	0,141	FALSE
0,095	0,304	0,002	0,008	0,089	FALSE
-0,066	0,309	-0,002	0,011	0,073	FALSE
0,018	0,304	0,001	0,010	0,034	FALSE
-0,055	0,305	-0,002	0,007	0,082	FALSE
-0,031	0,294	0,000	0,012	0,002	FALSE
-0,081	0,301	-0,001	0,008	0,065	FALSE
-0,033	0,306	-0,001	0,011	0,038	FALSE
0,011	0,302	0,001	0,011	0,016	FALSE
0,027	0,314	0,000	0,006	0,013	FALSE
0,045	0,312	0,002	0,013	0,052	FALSE
0,117	0,313	0,003	0,008	0,167	FALSE
0,012	0,310	0,000	0,012	0,004	FALSE
-0,078	0,285	-0,003	0,010	0,111	FALSE
0,005	0,308	-0,001	0,010	0,018	FALSE
-0,075	0,296	-0,002	0,009	0,100	FALSE
0,005	0,299	-0,001	0,012	0,016	FALSE
0,098	0,306	0,002	0,006	0,128	FALSE
0,029	0,299	0,002	0,008	0,075	FALSE
0,007	0,304	0,000	0,006	0,002	FALSE
0,037	0,311	0,000	0,006	0,027	FALSE
0,006	0,314	0,000	0,009	0,013	FALSE
0,011	0,330	0,000	0,010	0,009	FALSE
-0,080	0,308	-0,002	0,011	0,067	FALSE
0,012	0,314	0,000	0,008	0,021	FALSE
0,122	0,304	0,004	0,010	0,178	FALSE
-0,023	0,296	0,001	0,012	0,031	FALSE
0,064	0,297	0,002	0,011	0,070	FALSE
0,042	0,303	0,002	0,012	0,051	FALSE
0,001	0,307	0,000	0,012	0,015	FALSE
0,069	0,300	0,002	0,009	0,076	FALSE
0,011	0,305	0,000	0,006	0,004	FALSE
0,134	0,302	0,007	0,013	0,225	FALSE
-0,036	0,322	-0,001	0,009	0,022	FALSE
0,199	0,293	0,005	0,007	0,305	FALSE
-0,018	0,292	0,000	0,007	0,014	FALSE
-0,002	0,308	0,000	0,012	0,005	FALSE
-0,009	0,321	0,000	0,010	0,006	FALSE
-0,146	0,298	-0,004	0,007	0,196	FALSE
-0,144	0,309	-0,005	0,010	0,194	FALSE
0,081	0,320	0,004	0,013	0,124	FALSE
0,007	0,304	0,000	0,010	0,004	FALSE
0,069	0,304	0,001	0,006	0,090	FALSE
0,024	0,319	0,001	0,012	0,039	FALSE
0,041	0,306	0,001	0,010	0,043	FALSE
0,009	0,313	0,000	0,008	0,004	FALSE
0,102	0,302	0,005	0,012	0,151	FALSE
-0,052	0,299	-0,002	0,010	0,061	FALSE

-0,011	0,306	0,000	0,006	0,023	FALSE
0,059	0,319	0,001	0,007	0,055	FALSE
0,028	0,294	0,001	0,007	0,051	FALSE
0,045	0,285	0,002	0,008	0,075	FALSE
-0,081	0,307	-0,003	0,011	0,113	FALSE
-0,087	0,305	-0,003	0,007	0,139	FALSE
0,038	0,306	0,002	0,011	0,067	FALSE
-0,061	0,311	-0,002	0,009	0,088	FALSE
0,075	0,294	0,001	0,007	0,063	FALSE
0,037	0,314	0,000	0,009	0,008	FALSE
-0,025	0,304	-0,001	0,007	0,032	FALSE
-0,060	0,307	-0,002	0,013	0,071	FALSE
0,062	0,306	0,001	0,006	0,036	FALSE
-0,093	0,313	-0,004	0,013	0,130	FALSE
0,053	0,313	0,002	0,009	0,074	FALSE
-0,127	0,286	-0,005	0,012	0,182	FALSE
0,035	0,302	0,001	0,012	0,017	FALSE
-0,126	0,318	-0,005	0,011	0,180	FALSE
0,032	0,310	0,001	0,006	0,052	FALSE
-0,106	0,296	-0,004	0,011	0,158	FALSE
0,119	0,307	0,005	0,012	0,181	FALSE
-0,111	0,308	-0,003	0,011	0,109	FALSE
0,037	0,302	0,002	0,012	0,069	FALSE
0,069	0,312	0,004	0,012	0,119	FALSE
-0,093	0,308	-0,003	0,010	0,106	FALSE
-0,008	0,302	-0,001	0,012	0,024	FALSE
0,032	0,310	0,002	0,012	0,048	FALSE
0,009	0,301	0,000	0,012	0,009	FALSE
0,021	0,300	0,001	0,012	0,031	FALSE
-0,110	0,300	-0,005	0,011	0,173	FALSE
-0,003	0,308	0,000	0,008	0,003	FALSE
0,161	0,309	0,005	0,009	0,225	FALSE
0,147	0,298	0,004	0,009	0,194	FALSE
0,091	0,302	0,004	0,011	0,134	FALSE
0,152	0,300	0,005	0,010	0,244	FALSE
-0,058	0,303	-0,001	0,010	0,046	FALSE
-0,063	0,304	-0,001	0,010	0,043	FALSE
0,059	0,310	0,002	0,012	0,055	FALSE
0,019	0,304	0,000	0,012	0,006	FALSE
-0,024	0,305	-0,001	0,007	0,030	FALSE
0,005	0,310	0,000	0,009	0,005	FALSE
0,009	0,298	0,001	0,012	0,040	FALSE
0,058	0,317	0,001	0,012	0,042	FALSE
0,047	0,313	0,003	0,012	0,081	FALSE
0,065	0,293	0,004	0,010	0,149	FALSE
-0,026	0,304	0,000	0,009	0,005	FALSE
-0,050	0,313	-0,001	0,009	0,027	FALSE
0,066	0,313	0,001	0,007	0,058	FALSE
0,161	0,292	0,004	0,007	0,212	FALSE
0,106	0,295	0,004	0,009	0,175	FALSE
-0,004	0,318	0,000	0,008	0,004	FALSE
-0,111	0,308	-0,003	0,008	0,145	FALSE
-0,077	0,302	-0,003	0,009	0,132	FALSE

-0,115	0,300	-0,003	0,008	0,155	FALSE
-0,038	0,312	-0,002	0,009	0,064	FALSE
0,019	0,315	0,000	0,009	0,020	FALSE
-0,081	0,308	-0,004	0,012	0,112	FALSE
-0,064	0,312	-0,002	0,010	0,081	FALSE
0,075	0,298	0,003	0,009	0,106	FALSE
0,130	0,292	0,005	0,011	0,172	FALSE
-0,098	0,295	-0,002	0,006	0,129	FALSE
0,002	0,308	0,001	0,012	0,035	FALSE
-0,039	0,310	-0,001	0,010	0,038	FALSE
0,001	0,309	0,000	0,008	0,007	FALSE
-0,048	0,324	-0,002	0,012	0,046	FALSE
-0,003	0,315	0,000	0,008	0,006	FALSE
0,023	0,303	0,001	0,008	0,040	FALSE
-0,023	0,305	0,000	0,007	0,004	FALSE
-0,068	0,307	-0,002	0,012	0,074	FALSE
0,137	0,320	0,003	0,008	0,171	FALSE
-0,011	0,325	-0,001	0,011	0,029	FALSE
0,133	0,294	0,003	0,007	0,169	FALSE
-0,095	0,301	-0,002	0,007	0,114	FALSE
-0,056	0,304	-0,001	0,006	0,052	FALSE
0,025	0,286	0,001	0,011	0,046	FALSE
-0,111	0,313	-0,003	0,008	0,159	FALSE
0,022	0,311	0,000	0,010	0,018	FALSE
-0,122	0,307	-0,003	0,008	0,159	FALSE
-0,001	0,301	0,000	0,006	0,011	FALSE
0,032	0,289	0,001	0,011	0,038	FALSE
0,054	0,312	0,002	0,011	0,069	FALSE
0,005	0,305	0,000	0,009	0,012	FALSE
-0,119	0,307	-0,005	0,012	0,179	FALSE
-0,016	0,307	-0,001	0,008	0,040	FALSE
0,056	0,295	0,001	0,010	0,054	FALSE
-0,069	0,320	-0,002	0,008	0,101	FALSE
-0,020	0,307	-0,001	0,012	0,030	FALSE
0,015	0,316	0,001	0,010	0,035	FALSE
0,183	0,309	0,007	0,011	0,248	FALSE
-0,071	0,317	-0,003	0,011	0,105	FALSE
-0,013	0,321	-0,001	0,012	0,031	FALSE
-0,014	0,306	-0,001	0,011	0,039	FALSE
0,094	0,313	0,004	0,012	0,112	FALSE
0,004	0,315	0,000	0,011	0,004	FALSE
-0,072	0,307	-0,003	0,010	0,129	FALSE
0,066	0,305	0,002	0,009	0,070	FALSE
-0,080	0,309	-0,004	0,012	0,118	FALSE
-0,056	0,304	-0,002	0,010	0,062	FALSE
0,067	0,304	0,002	0,012	0,064	FALSE
0,080	0,310	0,002	0,010	0,086	FALSE
-0,061	0,303	-0,002	0,012	0,073	FALSE
0,125	0,296	0,003	0,006	0,184	FALSE
-0,021	0,314	0,000	0,007	0,023	FALSE
0,192	0,304	0,008	0,013	0,255	FALSE
0,032	0,306	0,001	0,006	0,047	FALSE
-0,075	0,312	-0,001	0,007	0,055	FALSE

-0,047	0,296	-0,002	0,012	0,060	FALSE
0,033	0,310	0,001	0,012	0,024	FALSE
0,006	0,308	0,001	0,009	0,025	FALSE
0,193	0,299	0,004	0,007	0,276	FALSE
0,018	0,308	0,000	0,008	0,008	FALSE
0,031	0,315	0,001	0,007	0,035	FALSE
-0,048	0,301	-0,001	0,008	0,049	FALSE
0,006	0,309	0,000	0,008	0,017	FALSE
0,020	0,314	0,002	0,012	0,048	FALSE
-0,091	0,306	-0,003	0,009	0,128	FALSE
0,091	0,306	0,004	0,013	0,125	FALSE
0,005	0,311	0,000	0,007	0,006	FALSE
0,028	0,311	0,001	0,007	0,056	FALSE
-0,016	0,309	0,000	0,008	0,011	FALSE
0,016	0,297	0,000	0,006	0,006	FALSE
0,017	0,313	0,000	0,007	0,007	FALSE
-0,013	0,305	0,000	0,007	0,000	FALSE
0,020	0,307	0,000	0,012	0,014	FALSE
-0,096	0,317	-0,003	0,009	0,144	FALSE
-0,098	0,310	-0,004	0,009	0,166	FALSE
0,050	0,304	0,002	0,012	0,057	FALSE
0,009	0,308	-0,001	0,012	0,032	FALSE
-0,086	0,299	-0,004	0,011	0,135	FALSE
0,080	0,306	0,003	0,009	0,131	FALSE
-0,013	0,312	0,000	0,012	0,013	FALSE
0,006	0,307	0,001	0,011	0,041	FALSE
0,017	0,290	0,000	0,009	0,015	FALSE
-0,011	0,295	0,000	0,011	0,008	FALSE
-0,035	0,305	-0,001	0,009	0,040	FALSE
0,036	0,312	0,001	0,007	0,049	FALSE
-0,045	0,313	-0,001	0,007	0,053	FALSE
0,125	0,306	0,003	0,007	0,174	FALSE
0,111	0,291	0,003	0,006	0,171	FALSE
-0,052	0,297	-0,003	0,013	0,089	FALSE
-0,101	0,302	-0,005	0,012	0,168	FALSE
-0,045	0,301	-0,003	0,012	0,084	FALSE
-0,060	0,302	-0,003	0,011	0,106	FALSE
-0,044	0,315	-0,001	0,007	0,058	FALSE
0,023	0,330	0,000	0,007	0,024	FALSE
0,014	0,308	0,001	0,009	0,024	FALSE
-0,032	0,299	0,000	0,008	0,016	FALSE
-0,016	0,306	0,000	0,013	0,004	FALSE
-0,036	0,303	-0,001	0,009	0,026	FALSE
-0,027	0,309	-0,001	0,008	0,063	FALSE
0,147	0,296	0,004	0,007	0,212	FALSE
-0,058	0,306	-0,002	0,009	0,060	FALSE
0,000	0,306	0,000	0,012	0,008	FALSE
-0,033	0,304	-0,001	0,007	0,042	FALSE
-0,105	0,292	-0,004	0,011	0,148	FALSE
-0,008	0,303	0,000	0,006	0,014	FALSE
0,010	0,311	0,000	0,008	0,010	FALSE
-0,053	0,306	-0,001	0,007	0,060	FALSE
-0,076	0,307	-0,002	0,008	0,102	FALSE

0,054	0,310	0,002	0,010	0,086	FALSE
0,076	0,304	0,003	0,009	0,102	FALSE
0,034	0,313	0,001	0,012	0,038	FALSE
0,156	0,303	0,004	0,009	0,198	FALSE
0,101	0,304	0,002	0,006	0,145	FALSE
0,071	0,319	0,002	0,008	0,077	FALSE
0,058	0,303	0,002	0,010	0,060	FALSE
0,048	0,303	0,002	0,010	0,072	FALSE
0,033	0,318	0,000	0,012	0,014	FALSE
-0,088	0,300	-0,003	0,009	0,115	FALSE
-0,022	0,300	0,000	0,008	0,004	FALSE
-0,012	0,305	-0,001	0,007	0,032	FALSE
-0,008	0,310	-0,001	0,007	0,032	FALSE
-0,035	0,300	-0,001	0,006	0,063	FALSE
0,053	0,317	0,001	0,008	0,044	FALSE
-0,020	0,313	0,000	0,010	0,013	FALSE
0,029	0,302	0,001	0,008	0,054	FALSE
0,108	0,307	0,004	0,012	0,129	FALSE
0,040	0,304	0,001	0,011	0,031	FALSE
0,017	0,321	0,000	0,008	0,017	FALSE
0,098	0,298	0,004	0,012	0,133	FALSE
-0,061	0,294	-0,002	0,010	0,054	FALSE
-0,141	0,307	-0,003	0,006	0,205	FALSE
-0,107	0,302	-0,003	0,008	0,134	FALSE
0,148	0,295	0,007	0,013	0,241	FALSE
-0,125	0,299	-0,005	0,012	0,174	FALSE
-0,146	0,293	-0,004	0,009	0,205	FALSE
-0,200	0,289	-0,006	0,009	0,333	FALSE
0,055	0,286	0,002	0,007	0,094	FALSE
-0,023	0,310	0,000	0,011	0,010	FALSE
0,157	0,296	0,004	0,007	0,220	FALSE
0,141	0,299	0,003	0,007	0,205	FALSE
0,005	0,311	0,001	0,011	0,020	FALSE
-0,121	0,305	-0,002	0,007	0,142	FALSE
0,117	0,302	0,004	0,010	0,144	FALSE
0,013	0,312	0,001	0,010	0,035	FALSE
-0,072	0,292	-0,002	0,011	0,052	FALSE
0,006	0,280	0,000	0,006	0,022	FALSE
0,028	0,302	0,000	0,012	0,004	FALSE
0,057	0,295	0,002	0,011	0,059	FALSE
-0,022	0,305	-0,001	0,007	0,031	FALSE
0,007	0,308	0,000	0,007	0,022	FALSE
0,016	0,331	0,001	0,013	0,025	FALSE
0,052	0,311	0,001	0,007	0,058	FALSE
0,009	0,300	0,000	0,011	0,001	FALSE
0,071	0,307	0,001	0,007	0,068	FALSE
0,072	0,294	0,001	0,007	0,070	FALSE
-0,061	0,310	-0,002	0,009	0,068	FALSE
0,040	0,305	0,001	0,012	0,042	FALSE
-0,157	0,287	-0,006	0,010	0,273	FALSE
0,249	0,285	0,006	0,006	0,446	FALSE
0,127	0,300	0,003	0,007	0,160	FALSE
-0,020	0,304	0,000	0,008	0,003	FALSE

0,060	0,316	0,003	0,012	0,098	FALSE
-0,056	0,318	-0,001	0,007	0,067	FALSE
0,009	0,316	0,000	0,007	0,009	FALSE
-0,025	0,311	-0,001	0,006	0,037	FALSE
0,115	0,278	0,003	0,010	0,106	FALSE
-0,039	0,325	-0,001	0,012	0,030	FALSE
-0,028	0,303	0,000	0,009	0,013	FALSE
-0,010	0,311	0,000	0,008	0,011	FALSE
0,024	0,321	0,001	0,009	0,048	FALSE
0,001	0,316	0,000	0,008	0,001	FALSE
-0,014	0,317	-0,001	0,008	0,038	FALSE
-0,065	0,298	-0,001	0,007	0,081	FALSE
-0,003	0,304	0,001	0,011	0,025	FALSE
0,033	0,328	0,001	0,010	0,028	FALSE
-0,064	0,303	-0,001	0,007	0,065	FALSE
0,138	0,301	0,005	0,010	0,195	FALSE
-0,031	0,310	-0,001	0,008	0,033	FALSE
-0,042	0,296	-0,001	0,007	0,051	FALSE
-0,091	0,311	-0,002	0,009	0,101	FALSE
0,035	0,322	0,001	0,012	0,044	FALSE
-0,031	0,313	-0,001	0,009	0,025	FALSE
-0,029	0,312	-0,001	0,011	0,022	FALSE
0,203	0,290	0,004	0,006	0,303	FALSE
-0,112	0,303	-0,004	0,011	0,137	FALSE
-0,034	0,311	-0,001	0,011	0,040	FALSE
-0,017	0,307	-0,001	0,011	0,037	FALSE
0,007	0,300	0,001	0,008	0,024	FALSE
0,039	0,305	0,001	0,007	0,075	FALSE
0,151	0,297	0,005	0,009	0,231	FALSE
-0,007	0,318	-0,001	0,013	0,018	FALSE
0,043	0,315	0,001	0,007	0,070	FALSE
0,049	0,300	0,001	0,007	0,081	FALSE
0,046	0,304	0,001	0,006	0,054	FALSE
0,069	0,310	0,001	0,009	0,045	FALSE
-0,049	0,315	-0,001	0,008	0,036	FALSE
-0,104	0,293	-0,006	0,012	0,213	FALSE
0,078	0,297	0,003	0,010	0,115	FALSE
0,083	0,313	0,003	0,010	0,127	FALSE
0,061	0,316	0,002	0,010	0,088	FALSE
-0,009	0,308	0,000	0,008	0,005	FALSE
-0,002	0,303	-0,001	0,012	0,021	FALSE
0,004	0,307	0,000	0,012	0,005	FALSE
0,034	0,318	0,001	0,009	0,031	FALSE
0,054	0,308	0,001	0,007	0,064	FALSE
0,040	0,314	0,001	0,011	0,033	FALSE
0,055	0,296	0,002	0,008	0,097	FALSE
0,135	0,307	0,006	0,013	0,215	FALSE
-0,083	0,297	-0,002	0,009	0,094	FALSE
-0,132	0,295	-0,003	0,008	0,149	FALSE
-0,050	0,317	-0,003	0,013	0,088	FALSE
-0,111	0,296	-0,006	0,012	0,200	FALSE
-0,132	0,295	-0,007	0,012	0,232	FALSE
0,138	0,330	0,004	0,009	0,198	FALSE

0,112	0,304	0,003	0,009	0,139	FALSE
-0,056	0,303	-0,001	0,007	0,069	FALSE
-0,135	0,310	-0,004	0,009	0,180	FALSE
0,112	0,301	0,004	0,009	0,167	FALSE
0,058	0,315	0,002	0,009	0,086	FALSE
-0,141	0,299	-0,004	0,009	0,189	FALSE
-0,046	0,314	-0,001	0,012	0,046	FALSE
0,081	0,315	0,003	0,009	0,119	FALSE
0,070	0,303	0,003	0,012	0,092	FALSE
0,059	0,312	0,003	0,011	0,096	FALSE
0,008	0,325	0,000	0,010	0,006	FALSE
0,062	0,305	0,002	0,008	0,080	FALSE
-0,022	0,292	-0,001	0,010	0,021	FALSE
0,033	0,286	0,001	0,011	0,030	FALSE
0,041	0,291	0,002	0,008	0,089	FALSE
0,014	0,299	0,001	0,008	0,059	FALSE
0,086	0,300	0,002	0,007	0,129	FALSE
-0,007	0,309	0,000	0,008	0,013	FALSE
0,024	0,291	0,001	0,010	0,018	FALSE
-0,012	0,308	0,000	0,008	0,008	FALSE
0,050	0,300	0,001	0,008	0,039	FALSE
0,194	0,301	0,004	0,007	0,262	FALSE
-0,046	0,300	-0,001	0,009	0,046	FALSE
-0,126	0,312	-0,005	0,010	0,195	FALSE
0,027	0,300	0,001	0,006	0,051	FALSE
-0,010	0,305	0,000	0,008	0,018	FALSE
0,049	0,301	0,003	0,012	0,118	FALSE
-0,131	0,316	-0,002	0,006	0,146	FALSE
-0,017	0,306	-0,001	0,011	0,027	FALSE
-0,064	0,303	-0,001	0,006	0,095	FALSE
-0,092	0,308	-0,002	0,006	0,143	FALSE
-0,077	0,304	-0,002	0,006	0,108	FALSE
0,051	0,309	0,003	0,013	0,091	FALSE
0,055	0,314	0,002	0,012	0,070	FALSE
-0,075	0,306	-0,002	0,008	0,111	FALSE
0,044	0,301	0,002	0,012	0,048	FALSE
0,003	0,309	0,000	0,008	0,019	FALSE
0,034	0,303	0,001	0,008	0,060	FALSE
0,045	0,303	0,001	0,006	0,071	FALSE
0,002	0,315	0,000	0,011	0,000	FALSE
-0,069	0,317	-0,001	0,009	0,063	FALSE
-0,070	0,294	-0,003	0,011	0,109	FALSE
-0,035	0,318	-0,001	0,009	0,041	FALSE
-0,016	0,320	0,000	0,013	0,003	FALSE
0,005	0,316	0,000	0,006	0,016	FALSE
-0,074	0,297	-0,002	0,008	0,076	FALSE
0,044	0,306	0,001	0,012	0,029	FALSE
-0,042	0,304	-0,001	0,008	0,031	FALSE
0,121	0,297	0,002	0,006	0,161	FALSE
-0,073	0,295	-0,001	0,010	0,042	FALSE
-0,060	0,307	-0,003	0,010	0,101	FALSE
0,013	0,298	0,000	0,012	0,011	FALSE
-0,094	0,313	-0,002	0,007	0,116	FALSE

-0,070	0,297	-0,003	0,013	0,088	FALSE
0,069	0,304	0,002	0,009	0,059	FALSE
0,078	0,312	0,003	0,012	0,082	FALSE
-0,030	0,306	0,000	0,012	0,004	FALSE
0,049	0,316	0,002	0,010	0,068	FALSE
0,103	0,316	0,002	0,007	0,118	FALSE
0,089	0,314	0,001	0,006	0,089	FALSE
-0,058	0,311	-0,002	0,010	0,080	FALSE
-0,102	0,308	-0,003	0,008	0,136	FALSE
-0,114	0,300	-0,003	0,008	0,154	FALSE
-0,124	0,305	-0,003	0,008	0,173	FALSE
0,207	0,288	0,006	0,010	0,295	FALSE
0,056	0,306	0,002	0,010	0,062	FALSE
-0,129	0,313	-0,004	0,008	0,174	FALSE
-0,034	0,310	-0,001	0,008	0,062	FALSE
-0,119	0,297	-0,003	0,008	0,150	FALSE
-0,066	0,289	-0,001	0,007	0,076	FALSE
0,037	0,304	0,002	0,012	0,052	FALSE
-0,092	0,299	-0,002	0,007	0,104	FALSE
-0,043	0,307	-0,001	0,008	0,056	FALSE
-0,150	0,307	-0,003	0,007	0,193	FALSE
0,095	0,308	0,003	0,011	0,096	FALSE
0,102	0,304	0,003	0,011	0,099	FALSE
0,027	0,308	0,001	0,007	0,042	FALSE
0,027	0,317	0,001	0,008	0,028	FALSE
0,068	0,304	0,003	0,012	0,087	FALSE
0,048	0,313	0,001	0,008	0,053	FALSE
0,014	0,306	0,000	0,007	0,005	FALSE
0,053	0,321	0,001	0,006	0,049	FALSE
0,031	0,312	0,001	0,011	0,035	FALSE
0,036	0,308	0,002	0,012	0,055	FALSE
-0,029	0,306	-0,001	0,012	0,044	FALSE
0,003	0,310	0,000	0,011	0,002	FALSE
-0,084	0,317	-0,002	0,007	0,088	FALSE
-0,064	0,300	-0,003	0,013	0,082	FALSE
-0,109	0,299	-0,003	0,008	0,137	FALSE
0,000	0,322	0,000	0,009	0,006	FALSE
0,081	0,311	0,002	0,009	0,083	FALSE
-0,031	0,308	-0,001	0,010	0,018	FALSE
-0,084	0,307	-0,003	0,010	0,121	FALSE
-0,114	0,309	-0,004	0,010	0,156	FALSE
-0,088	0,305	-0,003	0,010	0,142	FALSE
-0,066	0,305	-0,003	0,010	0,111	FALSE
-0,075	0,305	-0,003	0,010	0,103	FALSE
-0,095	0,316	-0,003	0,010	0,135	FALSE
0,071	0,309	0,003	0,011	0,092	FALSE
-0,140	0,310	-0,005	0,011	0,190	FALSE
-0,031	0,297	-0,001	0,010	0,039	FALSE
-0,030	0,294	-0,001	0,010	0,034	FALSE
0,109	0,305	0,004	0,010	0,145	FALSE
-0,063	0,324	-0,002	0,010	0,056	FALSE
-0,131	0,300	-0,003	0,007	0,202	FALSE
0,122	0,301	0,004	0,010	0,165	FALSE

0,092	0,300	0,004	0,012	0,128	FALSE
-0,134	0,308	-0,005	0,011	0,172	FALSE
-0,121	0,303	-0,004	0,009	0,183	FALSE
0,092	0,311	0,005	0,013	0,154	FALSE
-0,038	0,310	-0,001	0,006	0,036	FALSE
0,193	0,302	0,007	0,008	0,393	FALSE
-0,108	0,304	-0,003	0,008	0,129	FALSE
-0,012	0,299	0,000	0,011	0,012	FALSE
0,014	0,303	0,000	0,010	0,008	FALSE
-0,006	0,294	0,000	0,011	0,011	FALSE
0,050	0,293	0,000	0,007	0,013	FALSE
0,008	0,302	0,001	0,012	0,034	FALSE
0,021	0,310	0,002	0,012	0,053	FALSE
-0,137	0,311	-0,003	0,007	0,163	FALSE
0,072	0,298	0,002	0,012	0,050	FALSE
0,018	0,306	0,000	0,006	0,016	FALSE
0,006	0,318	0,000	0,007	0,009	FALSE
0,022	0,315	0,001	0,013	0,038	FALSE
-0,010	0,304	-0,001	0,006	0,038	FALSE
0,073	0,309	0,002	0,010	0,073	FALSE
-0,011	0,326	0,000	0,008	0,001	FALSE
-0,101	0,312	-0,003	0,008	0,134	FALSE
-0,002	0,320	0,000	0,012	0,008	FALSE
-0,120	0,304	-0,002	0,006	0,159	FALSE
0,153	0,296	0,007	0,012	0,243	FALSE
-0,161	0,309	-0,004	0,007	0,246	FALSE
-0,006	0,303	0,000	0,012	0,003	FALSE
0,081	0,303	0,002	0,012	0,069	FALSE
0,037	0,297	0,002	0,012	0,067	FALSE
-0,068	0,296	-0,002	0,009	0,070	FALSE
-0,075	0,300	-0,003	0,008	0,149	FALSE
0,097	0,310	0,004	0,012	0,125	FALSE
-0,079	0,329	-0,003	0,011	0,100	FALSE
0,045	0,293	0,002	0,010	0,067	FALSE
0,031	0,313	0,001	0,011	0,021	FALSE
0,052	0,313	0,001	0,009	0,041	FALSE
-0,170	0,302	-0,005	0,008	0,225	FALSE
-0,104	0,302	-0,003	0,011	0,127	FALSE
0,005	0,301	0,001	0,008	0,028	FALSE
-0,141	0,321	-0,005	0,011	0,173	FALSE
-0,090	0,292	-0,003	0,012	0,104	FALSE
0,005	0,299	0,001	0,008	0,023	FALSE
-0,116	0,293	-0,004	0,011	0,128	FALSE
-0,003	0,316	-0,001	0,013	0,022	FALSE
-0,015	0,305	-0,001	0,008	0,071	FALSE
0,002	0,322	0,000	0,011	0,013	FALSE
0,053	0,302	0,002	0,008	0,072	FALSE
0,146	0,298	0,004	0,007	0,229	FALSE
0,000	0,313	0,000	0,007	0,014	FALSE
-0,020	0,296	-0,001	0,011	0,031	FALSE
0,071	0,301	0,002	0,008	0,102	FALSE
0,088	0,292	0,003	0,007	0,140	FALSE
-0,081	0,295	-0,002	0,010	0,085	FALSE

0,126	0,309	0,005	0,012	0,167	FALSE
0,215	0,294	0,005	0,007	0,304	FALSE
-0,042	0,299	0,000	0,007	0,020	FALSE
-0,026	0,321	0,000	0,007	0,006	FALSE
-0,046	0,305	-0,003	0,012	0,092	FALSE
-0,095	0,312	-0,004	0,011	0,125	FALSE
0,122	0,295	0,004	0,011	0,164	FALSE
-0,007	0,315	0,000	0,010	0,006	FALSE
-0,008	0,318	0,000	0,010	0,014	FALSE
-0,007	0,298	-0,001	0,009	0,019	FALSE
-0,105	0,304	-0,004	0,011	0,151	FALSE
-0,037	0,316	-0,001	0,008	0,053	FALSE
-0,032	0,308	-0,001	0,008	0,039	FALSE
0,013	0,312	0,000	0,012	0,009	FALSE
-0,012	0,299	0,000	0,009	0,017	FALSE
0,006	0,304	0,000	0,009	0,005	FALSE
0,176	0,304	0,004	0,007	0,244	FALSE
-0,012	0,305	0,000	0,012	0,000	FALSE
0,010	0,305	0,001	0,012	0,034	FALSE
-0,087	0,305	-0,003	0,011	0,101	FALSE
0,043	0,306	0,002	0,012	0,047	FALSE
0,058	0,317	0,002	0,013	0,071	FALSE
0,036	0,305	0,002	0,012	0,048	FALSE
0,020	0,302	0,001	0,007	0,067	FALSE
-0,132	0,290	-0,003	0,006	0,158	FALSE
-0,009	0,302	0,000	0,010	0,004	FALSE
-0,026	0,312	0,000	0,006	0,026	FALSE
0,070	0,307	0,002	0,007	0,090	FALSE
0,003	0,299	0,000	0,011	0,016	FALSE
-0,085	0,315	-0,002	0,007	0,092	FALSE
0,062	0,306	0,003	0,013	0,086	FALSE
0,142	0,283	0,006	0,011	0,247	FALSE
0,059	0,299	0,003	0,013	0,081	FALSE
0,079	0,295	0,002	0,008	0,108	FALSE
-0,073	0,300	-0,002	0,009	0,100	FALSE
0,025	0,303	0,000	0,007	0,019	FALSE
-0,065	0,312	-0,001	0,007	0,071	FALSE
-0,054	0,307	-0,001	0,007	0,063	FALSE
-0,001	0,313	0,000	0,012	0,008	FALSE
0,069	0,303	0,002	0,008	0,076	FALSE
0,044	0,308	0,001	0,011	0,037	FALSE
-0,019	0,293	-0,001	0,009	0,032	FALSE
0,091	0,315	0,002	0,006	0,112	FALSE
-0,043	0,319	-0,001	0,011	0,027	FALSE
0,076	0,310	0,002	0,007	0,095	FALSE
0,069	0,317	0,002	0,010	0,089	FALSE
-0,001	0,298	0,000	0,011	0,000	FALSE
-0,073	0,317	-0,002	0,008	0,106	FALSE
0,009	0,309	0,000	0,007	0,004	FALSE
0,087	0,306	0,003	0,008	0,128	FALSE
0,090	0,318	0,001	0,007	0,079	FALSE
-0,054	0,316	-0,002	0,012	0,061	FALSE
0,047	0,299	0,001	0,011	0,031	FALSE

0,016	0,313	0,002	0,011	0,054	FALSE
-0,074	0,291	-0,002	0,008	0,086	FALSE
0,066	0,306	0,002	0,011	0,074	FALSE
0,110	0,309	0,003	0,008	0,145	FALSE
-0,062	0,307	-0,002	0,006	0,110	FALSE
-0,076	0,325	-0,001	0,007	0,080	FALSE
-0,052	0,321	-0,001	0,013	0,033	FALSE
-0,020	0,306	0,000	0,008	0,016	FALSE
-0,106	0,309	-0,003	0,008	0,143	FALSE
0,164	0,310	0,008	0,013	0,264	FALSE
-0,142	0,301	-0,004	0,009	0,178	FALSE
0,003	0,317	0,001	0,009	0,026	FALSE
-0,017	0,323	0,000	0,008	0,004	FALSE
-0,115	0,308	-0,005	0,011	0,167	FALSE
-0,093	0,300	-0,004	0,011	0,145	FALSE
0,026	0,301	0,000	0,012	0,005	FALSE
0,153	0,285	0,005	0,012	0,183	FALSE
-0,062	0,309	-0,002	0,008	0,076	FALSE
-0,044	0,316	-0,001	0,008	0,052	FALSE
-0,033	0,298	0,000	0,012	0,011	FALSE
0,111	0,313	0,003	0,010	0,122	FALSE
-0,037	0,300	-0,002	0,012	0,071	FALSE
-0,065	0,299	-0,001	0,008	0,064	FALSE
0,025	0,307	0,001	0,008	0,048	FALSE
-0,065	0,303	-0,002	0,008	0,097	FALSE
0,067	0,290	0,003	0,012	0,082	FALSE
0,022	0,308	0,001	0,011	0,041	FALSE
-0,159	0,298	-0,006	0,010	0,241	FALSE
0,194	0,293	0,007	0,010	0,326	FALSE
0,097	0,311	0,003	0,009	0,131	FALSE
0,024	0,307	0,000	0,007	0,008	FALSE
-0,015	0,308	-0,001	0,006	0,041	FALSE
0,048	0,313	0,001	0,007	0,068	FALSE
0,074	0,322	0,001	0,008	0,061	FALSE
0,168	0,314	0,004	0,008	0,238	FALSE
0,029	0,315	0,001	0,010	0,037	FALSE
0,050	0,319	0,001	0,007	0,031	FALSE
0,013	0,311	0,000	0,007	0,011	FALSE
0,132	0,322	0,004	0,012	0,151	FALSE
0,013	0,295	0,000	0,009	0,016	FALSE
0,069	0,313	0,002	0,008	0,098	FALSE
0,107	0,312	0,004	0,013	0,119	FALSE
0,013	0,294	0,000	0,007	0,019	FALSE
0,184	0,301	0,005	0,008	0,265	FALSE
-0,186	0,309	-0,004	0,007	0,222	FALSE
-0,001	0,308	0,000	0,012	0,011	FALSE
0,137	0,314	0,003	0,007	0,169	FALSE
0,126	0,307	0,003	0,007	0,169	FALSE
0,106	0,299	0,003	0,009	0,129	FALSE
0,107	0,305	0,003	0,008	0,124	FALSE
-0,008	0,293	-0,001	0,008	0,037	FALSE
0,057	0,303	0,001	0,007	0,072	FALSE
0,059	0,310	0,001	0,007	0,072	FALSE

-0,006	0,318	-0,001	0,008	0,034	FALSE
0,086	0,301	0,002	0,006	0,149	FALSE
-0,025	0,306	0,000	0,008	0,020	FALSE
-0,078	0,293	-0,002	0,009	0,106	FALSE
0,093	0,321	0,003	0,010	0,103	FALSE
0,025	0,302	0,001	0,007	0,033	FALSE
-0,178	0,300	-0,004	0,007	0,233	FALSE
0,105	0,300	0,003	0,008	0,132	FALSE
-0,050	0,306	-0,001	0,011	0,030	FALSE
0,120	0,300	0,003	0,008	0,142	FALSE
-0,001	0,319	0,001	0,012	0,022	FALSE
0,033	0,304	0,000	0,008	0,022	FALSE
0,117	0,303	0,004	0,011	0,142	FALSE
0,115	0,310	0,005	0,012	0,159	FALSE
-0,117	0,300	-0,003	0,009	0,148	FALSE
0,100	0,306	0,004	0,010	0,169	FALSE
0,031	0,306	0,001	0,008	0,050	FALSE
-0,001	0,311	0,000	0,009	0,001	FALSE
-0,051	0,311	-0,001	0,007	0,058	FALSE
0,037	0,304	0,001	0,008	0,048	FALSE
0,025	0,309	0,001	0,008	0,029	FALSE
0,006	0,308	-0,001	0,012	0,029	FALSE
0,060	0,296	0,003	0,012	0,086	FALSE
0,023	0,303	0,000	0,008	0,010	FALSE
-0,012	0,319	-0,001	0,013	0,022	FALSE
-0,101	0,307	-0,003	0,011	0,101	FALSE
-0,055	0,310	-0,002	0,010	0,095	FALSE
0,077	0,315	0,002	0,009	0,100	FALSE
-0,073	0,307	-0,001	0,008	0,061	FALSE
-0,061	0,304	-0,001	0,008	0,046	FALSE
-0,085	0,309	-0,002	0,007	0,106	FALSE
0,019	0,300	0,001	0,008	0,049	FALSE
-0,175	0,297	-0,007	0,012	0,273	FALSE
-0,002	0,310	0,000	0,009	0,004	FALSE
-0,037	0,320	-0,001	0,013	0,040	FALSE
-0,016	0,315	-0,001	0,012	0,020	FALSE
-0,094	0,297	-0,004	0,011	0,131	FALSE
0,016	0,317	0,001	0,009	0,019	FALSE
-0,097	0,310	-0,002	0,007	0,092	FALSE
0,118	0,308	0,003	0,008	0,154	FALSE
0,102	0,310	0,004	0,012	0,131	FALSE
0,068	0,301	0,003	0,010	0,093	FALSE
-0,047	0,320	-0,001	0,008	0,057	FALSE
-0,055	0,310	-0,001	0,008	0,065	FALSE
-0,027	0,302	-0,001	0,007	0,062	FALSE
-0,030	0,313	-0,001	0,011	0,043	FALSE
-0,034	0,305	-0,001	0,009	0,031	FALSE
0,040	0,305	0,003	0,012	0,099	FALSE
0,023	0,310	0,002	0,012	0,074	FALSE
0,031	0,310	0,001	0,006	0,046	FALSE
0,033	0,318	0,002	0,011	0,053	FALSE
-0,021	0,311	-0,002	0,013	0,044	FALSE
-0,012	0,300	-0,001	0,007	0,060	FALSE

0,081	0,313	0,002	0,009	0,072	FALSE
0,088	0,298	0,002	0,008	0,084	FALSE
0,088	0,313	0,002	0,008	0,085	FALSE
-0,017	0,310	0,000	0,010	0,009	FALSE
0,011	0,303	0,000	0,010	0,009	FALSE
0,044	0,304	0,002	0,011	0,061	FALSE
0,076	0,302	0,004	0,012	0,116	FALSE
0,065	0,319	0,003	0,011	0,099	FALSE
0,085	0,299	0,005	0,013	0,149	FALSE
-0,062	0,304	-0,001	0,006	0,068	FALSE
-0,057	0,287	-0,003	0,009	0,111	FALSE
0,176	0,304	0,005	0,008	0,279	FALSE
-0,020	0,311	0,000	0,009	0,014	FALSE
0,108	0,302	0,002	0,006	0,154	FALSE
-0,077	0,304	-0,004	0,012	0,129	FALSE
-0,128	0,311	-0,004	0,008	0,191	FALSE
0,208	0,303	0,005	0,008	0,295	FALSE
-0,090	0,307	-0,002	0,010	0,084	FALSE
0,145	0,302	0,003	0,007	0,155	FALSE
0,006	0,303	0,000	0,007	0,008	FALSE
-0,054	0,309	-0,002	0,007	0,084	FALSE
-0,016	0,315	0,000	0,007	0,007	FALSE
-0,006	0,320	-0,001	0,009	0,021	FALSE
-0,019	0,314	0,000	0,012	0,012	FALSE
0,039	0,318	0,002	0,007	0,082	FALSE
0,110	0,295	0,003	0,007	0,202	FALSE
0,061	0,307	0,003	0,011	0,101	FALSE
-0,109	0,304	-0,002	0,007	0,101	FALSE
-0,100	0,312	-0,004	0,012	0,114	FALSE
0,060	0,307	0,001	0,007	0,056	FALSE
-0,135	0,302	-0,005	0,011	0,177	FALSE
-0,098	0,306	-0,003	0,012	0,108	FALSE
-0,137	0,306	-0,005	0,012	0,181	FALSE
0,087	0,308	0,002	0,006	0,140	FALSE
0,110	0,297	0,003	0,008	0,163	FALSE
0,079	0,300	0,002	0,008	0,117	FALSE
0,122	0,316	0,003	0,008	0,164	FALSE
-0,053	0,309	-0,002	0,008	0,084	FALSE
-0,159	0,311	-0,005	0,010	0,196	FALSE
-0,054	0,309	-0,002	0,008	0,103	FALSE
-0,057	0,320	-0,003	0,011	0,112	FALSE
0,200	0,292	0,004	0,006	0,300	FALSE
0,222	0,297	0,005	0,007	0,353	FALSE
-0,074	0,306	-0,003	0,013	0,079	FALSE
0,139	0,314	0,003	0,007	0,149	FALSE
0,203	0,288	0,008	0,012	0,296	FALSE
-0,023	0,329	-0,001	0,007	0,046	FALSE
0,056	0,299	0,002	0,007	0,138	FALSE
0,049	0,310	0,002	0,011	0,051	FALSE
0,053	0,309	0,001	0,007	0,062	FALSE
0,010	0,309	0,000	0,007	0,015	FALSE
-0,004	0,313	0,000	0,007	0,010	FALSE
-0,008	0,306	-0,001	0,012	0,024	FALSE

0,006	0,305	0,000	0,007	0,019	FALSE
0,035	0,313	0,001	0,008	0,048	FALSE
-0,063	0,297	-0,003	0,011	0,085	FALSE
-0,063	0,311	-0,001	0,007	0,078	FALSE
-0,084	0,305	-0,002	0,010	0,060	FALSE
-0,021	0,296	0,001	0,012	0,025	FALSE
-0,080	0,306	-0,004	0,012	0,118	FALSE
0,098	0,307	0,002	0,007	0,111	FALSE
0,189	0,312	0,004	0,007	0,269	FALSE
0,217	0,291	0,005	0,007	0,337	FALSE
-0,068	0,313	-0,001	0,007	0,080	FALSE
-0,001	0,320	-0,001	0,013	0,017	FALSE
-0,032	0,314	-0,002	0,013	0,069	FALSE
-0,044	0,304	-0,003	0,012	0,087	FALSE
-0,147	0,309	-0,006	0,013	0,176	FALSE
0,038	0,319	0,001	0,009	0,038	FALSE
0,029	0,306	0,001	0,009	0,034	FALSE
0,135	0,298	0,006	0,013	0,180	FALSE
-0,009	0,299	-0,001	0,009	0,043	FALSE
-0,108	0,305	-0,004	0,012	0,145	FALSE
-0,062	0,287	-0,003	0,011	0,109	FALSE
-0,031	0,313	-0,001	0,013	0,039	FALSE
0,044	0,301	0,001	0,011	0,046	FALSE
-0,071	0,317	-0,001	0,007	0,053	FALSE
-0,020	0,300	0,000	0,006	0,009	FALSE
0,133	0,299	0,003	0,007	0,177	FALSE
-0,089	0,321	-0,002	0,009	0,097	FALSE
0,100	0,299	0,002	0,007	0,103	FALSE
-0,030	0,308	-0,001	0,010	0,047	FALSE
-0,029	0,321	-0,001	0,011	0,040	FALSE
0,079	0,298	0,002	0,006	0,092	FALSE
0,104	0,305	0,002	0,007	0,103	FALSE
-0,053	0,309	-0,001	0,007	0,059	FALSE
0,145	0,307	0,005	0,012	0,186	FALSE
-0,007	0,320	0,000	0,010	0,007	FALSE
0,048	0,293	0,001	0,007	0,058	FALSE
-0,011	0,295	0,000	0,011	0,001	FALSE
0,024	0,314	0,000	0,007	0,002	FALSE
-0,090	0,304	-0,002	0,007	0,129	FALSE
0,109	0,301	0,002	0,007	0,116	FALSE
-0,055	0,313	-0,002	0,012	0,072	FALSE
0,110	0,311	0,002	0,006	0,143	FALSE
0,100	0,299	0,002	0,007	0,101	FALSE
0,082	0,308	0,002	0,009	0,104	FALSE
-0,139	0,301	-0,004	0,009	0,205	FALSE
-0,062	0,319	-0,002	0,012	0,061	FALSE
-0,070	0,313	-0,003	0,011	0,113	FALSE
-0,110	0,297	-0,003	0,009	0,159	FALSE
0,039	0,301	0,002	0,008	0,073	FALSE
-0,015	0,305	-0,001	0,011	0,023	FALSE
0,079	0,304	0,003	0,013	0,079	FALSE
0,003	0,302	0,000	0,012	0,005	FALSE
-0,039	0,312	0,000	0,008	0,018	FALSE

0,052	0,318	0,003	0,013	0,083	FALSE
0,017	0,297	0,001	0,011	0,032	FALSE
0,033	0,319	0,001	0,013	0,029	FALSE
0,058	0,300	0,001	0,008	0,041	FALSE
-0,012	0,298	-0,001	0,009	0,027	FALSE
0,038	0,312	0,001	0,012	0,042	FALSE
0,081	0,309	0,003	0,011	0,106	FALSE
0,006	0,323	0,000	0,009	0,002	FALSE
-0,040	0,297	-0,001	0,007	0,047	FALSE
-0,086	0,308	-0,002	0,008	0,111	FALSE
-0,112	0,293	-0,005	0,010	0,181	FALSE
-0,007	0,311	-0,001	0,009	0,026	FALSE
-0,074	0,319	-0,003	0,013	0,097	FALSE
0,031	0,305	0,000	0,006	0,011	FALSE
-0,142	0,302	-0,004	0,008	0,189	FALSE
0,105	0,315	0,002	0,007	0,151	FALSE
-0,092	0,303	-0,002	0,007	0,138	FALSE
-0,095	0,319	-0,003	0,012	0,101	FALSE
0,155	0,298	0,007	0,012	0,265	FALSE
-0,120	0,308	-0,004	0,011	0,148	FALSE
-0,022	0,303	-0,001	0,008	0,052	FALSE
-0,051	0,303	-0,002	0,008	0,075	FALSE
0,069	0,290	0,002	0,007	0,101	FALSE
0,062	0,305	0,002	0,007	0,115	FALSE
-0,005	0,304	0,000	0,007	0,021	FALSE
0,036	0,306	0,002	0,012	0,067	FALSE
0,035	0,298	0,001	0,007	0,037	FALSE
-0,112	0,321	-0,002	0,006	0,117	FALSE
-0,054	0,308	-0,001	0,009	0,045	FALSE
-0,021	0,305	0,000	0,011	0,011	FALSE
0,100	0,298	0,003	0,007	0,207	FALSE
-0,076	0,296	-0,002	0,009	0,066	FALSE
0,088	0,312	0,003	0,009	0,118	FALSE
-0,102	0,321	-0,004	0,010	0,142	FALSE
-0,094	0,319	-0,004	0,013	0,133	FALSE
-0,054	0,292	-0,002	0,009	0,090	FALSE
-0,104	0,293	-0,004	0,009	0,173	FALSE
0,043	0,302	0,002	0,011	0,087	FALSE
0,001	0,319	0,001	0,012	0,023	FALSE
0,007	0,294	0,000	0,007	0,000	FALSE
0,153	0,304	0,007	0,012	0,238	FALSE
0,139	0,306	0,003	0,007	0,173	FALSE
0,076	0,312	0,003	0,012	0,117	FALSE
-0,040	0,309	0,000	0,009	0,016	FALSE
0,025	0,319	0,000	0,010	0,017	FALSE
0,053	0,308	0,003	0,012	0,077	FALSE
0,060	0,307	0,001	0,012	0,036	FALSE
-0,063	0,314	-0,002	0,008	0,082	FALSE
0,003	0,301	0,000	0,012	0,014	FALSE
0,042	0,300	0,001	0,006	0,076	FALSE
-0,021	0,311	-0,001	0,008	0,048	FALSE
0,010	0,294	0,000	0,010	0,005	FALSE
-0,020	0,303	0,000	0,010	0,009	FALSE

-0,044	0,307	-0,001	0,010	0,049	FALSE
0,104	0,315	0,004	0,013	0,109	FALSE
0,188	0,290	0,004	0,006	0,269	FALSE
0,059	0,301	0,003	0,013	0,095	FALSE
0,066	0,305	0,004	0,012	0,112	FALSE
0,020	0,308	0,001	0,010	0,023	FALSE
0,071	0,301	0,003	0,011	0,098	FALSE
0,019	0,320	0,002	0,012	0,053	FALSE
0,095	0,306	0,002	0,007	0,096	FALSE
0,218	0,308	0,005	0,006	0,327	FALSE
-0,145	0,299	-0,005	0,009	0,225	FALSE
-0,045	0,311	-0,001	0,013	0,028	FALSE
0,002	0,311	0,001	0,013	0,025	FALSE
-0,011	0,309	0,000	0,012	0,005	FALSE
0,036	0,304	0,002	0,009	0,065	FALSE
-0,158	0,305	-0,003	0,007	0,211	FALSE
-0,094	0,304	-0,002	0,007	0,126	FALSE
-0,008	0,307	0,000	0,011	0,009	FALSE
0,075	0,317	0,002	0,007	0,081	FALSE
0,076	0,309	0,002	0,007	0,092	FALSE
0,183	0,288	0,007	0,011	0,300	FALSE
-0,036	0,317	-0,002	0,013	0,053	FALSE
-0,080	0,308	-0,002	0,007	0,132	FALSE
-0,067	0,315	-0,002	0,008	0,111	FALSE
0,012	0,306	0,001	0,011	0,029	FALSE
0,013	0,308	0,001	0,011	0,036	FALSE
0,113	0,316	0,004	0,009	0,164	FALSE
0,013	0,314	0,001	0,011	0,019	FALSE
-0,026	0,299	0,000	0,010	0,013	FALSE
0,107	0,302	0,004	0,012	0,129	FALSE
0,037	0,320	0,002	0,012	0,047	FALSE
-0,003	0,311	0,000	0,007	0,027	FALSE
0,112	0,293	0,004	0,011	0,174	FALSE
0,037	0,311	0,001	0,007	0,065	FALSE
0,070	0,304	0,002	0,012	0,073	FALSE
-0,033	0,305	-0,001	0,011	0,045	FALSE
-0,089	0,301	-0,003	0,009	0,116	FALSE
0,012	0,328	0,000	0,011	0,001	FALSE
0,056	0,321	0,001	0,009	0,050	FALSE
0,021	0,311	0,000	0,011	0,005	FALSE
-0,147	0,292	-0,004	0,010	0,183	FALSE
0,032	0,307	0,001	0,007	0,029	FALSE
-0,056	0,302	-0,001	0,008	0,065	FALSE
-0,003	0,305	-0,001	0,012	0,025	FALSE
0,035	0,311	0,001	0,007	0,050	FALSE
-0,223	0,305	-0,006	0,008	0,333	FALSE
0,110	0,304	0,005	0,012	0,156	FALSE
0,009	0,303	0,000	0,009	0,012	FALSE
-0,002	0,304	0,001	0,012	0,041	FALSE
0,010	0,308	0,000	0,006	0,025	FALSE
-0,026	0,307	0,000	0,007	0,019	FALSE
0,020	0,277	0,000	0,011	0,002	FALSE
0,013	0,306	0,000	0,007	0,020	FALSE

0,028	0,306	0,000	0,008	0,002	FALSE
0,002	0,278	0,001	0,009	0,039	FALSE
0,016	0,318	0,000	0,007	0,001	FALSE
0,179	0,286	0,005	0,009	0,282	FALSE
-0,091	0,304	-0,004	0,012	0,116	FALSE
0,136	0,292	0,004	0,010	0,156	FALSE
-0,144	0,300	-0,004	0,009	0,169	FALSE
-0,141	0,311	-0,004	0,009	0,153	FALSE
0,173	0,285	0,006	0,010	0,239	FALSE
-0,132	0,303	-0,003	0,007	0,162	FALSE
0,160	0,299	0,006	0,011	0,237	FALSE
0,054	0,315	0,001	0,007	0,062	FALSE
-0,170	0,304	-0,004	0,007	0,242	FALSE
0,053	0,308	0,001	0,007	0,063	FALSE
-0,063	0,308	-0,003	0,010	0,095	FALSE
0,080	0,304	0,004	0,010	0,152	FALSE
0,062	0,304	0,001	0,006	0,058	FALSE
0,146	0,302	0,006	0,012	0,206	FALSE
0,020	0,301	0,000	0,007	0,016	FALSE
-0,087	0,300	-0,002	0,008	0,093	FALSE
-0,200	0,313	-0,006	0,008	0,303	FALSE
-0,008	0,310	0,000	0,006	0,012	FALSE
-0,113	0,301	-0,002	0,007	0,133	FALSE
-0,135	0,313	-0,004	0,009	0,180	FALSE
-0,048	0,305	-0,002	0,012	0,055	FALSE
-0,065	0,302	-0,002	0,012	0,061	FALSE
0,077	0,296	0,002	0,007	0,101	FALSE
0,209	0,293	0,009	0,012	0,335	FALSE
-0,046	0,299	-0,001	0,008	0,052	FALSE
-0,088	0,293	-0,004	0,012	0,119	FALSE
-0,018	0,311	-0,001	0,011	0,019	FALSE
0,067	0,318	0,004	0,013	0,109	FALSE
-0,072	0,321	-0,001	0,007	0,067	FALSE
0,100	0,299	0,004	0,011	0,150	FALSE
-0,088	0,305	-0,002	0,008	0,086	FALSE
0,173	0,305	0,008	0,013	0,266	FALSE
0,133	0,308	0,007	0,013	0,224	FALSE
0,080	0,306	0,003	0,011	0,088	FALSE
0,158	0,296	0,005	0,008	0,259	FALSE
0,029	0,309	0,000	0,007	0,003	FALSE
0,144	0,309	0,004	0,008	0,240	FALSE
0,144	0,301	0,004	0,008	0,251	FALSE
-0,069	0,304	-0,001	0,007	0,052	FALSE
-0,013	0,312	-0,001	0,007	0,038	FALSE
0,149	0,304	0,005	0,009	0,211	FALSE
-0,152	0,321	-0,003	0,007	0,186	FALSE
-0,025	0,302	0,000	0,006	0,014	FALSE
-0,120	0,301	-0,005	0,012	0,166	FALSE
0,046	0,311	0,001	0,006	0,050	FALSE
-0,054	0,311	-0,001	0,008	0,051	FALSE
0,068	0,322	0,002	0,008	0,073	FALSE
0,017	0,299	0,001	0,008	0,033	FALSE
-0,089	0,315	-0,002	0,007	0,117	FALSE

-0,118	0,308	-0,003	0,007	0,150	FALSE
-0,105	0,312	-0,002	0,007	0,130	FALSE
-0,019	0,309	-0,001	0,010	0,034	FALSE
-0,056	0,311	-0,002	0,010	0,082	FALSE
0,024	0,303	0,000	0,009	0,003	FALSE
0,123	0,304	0,004	0,009	0,179	FALSE
0,110	0,308	0,004	0,010	0,158	FALSE
0,179	0,297	0,004	0,007	0,230	FALSE
0,026	0,315	0,000	0,008	0,011	FALSE
-0,108	0,310	-0,002	0,008	0,110	FALSE
0,124	0,285	0,004	0,009	0,192	FALSE
0,078	0,304	0,002	0,007	0,100	FALSE
-0,029	0,303	-0,001	0,008	0,036	FALSE
0,033	0,317	0,001	0,012	0,039	FALSE
-0,038	0,304	-0,002	0,012	0,058	FALSE
-0,033	0,303	-0,001	0,006	0,058	FALSE
0,047	0,315	0,002	0,009	0,072	FALSE
0,080	0,300	0,002	0,007	0,082	FALSE
-0,090	0,315	-0,003	0,011	0,108	FALSE
-0,108	0,299	-0,005	0,011	0,180	FALSE
-0,122	0,290	-0,005	0,011	0,190	FALSE
-0,063	0,328	-0,002	0,008	0,098	FALSE
-0,095	0,308	-0,004	0,012	0,126	FALSE
-0,026	0,310	-0,001	0,012	0,040	FALSE
0,073	0,300	0,003	0,009	0,123	FALSE
-0,021	0,315	0,000	0,007	0,012	FALSE
0,002	0,305	-0,001	0,008	0,024	FALSE
0,129	0,304	0,003	0,006	0,193	FALSE
-0,013	0,296	0,000	0,011	0,015	FALSE
-0,028	0,310	-0,001	0,007	0,051	FALSE
-0,045	0,313	-0,001	0,006	0,066	FALSE
-0,053	0,301	-0,002	0,008	0,076	FALSE
-0,047	0,291	-0,001	0,008	0,049	FALSE
-0,041	0,308	-0,001	0,009	0,033	FALSE
-0,064	0,301	-0,002	0,008	0,083	FALSE
0,082	0,300	0,002	0,010	0,064	FALSE
0,063	0,303	0,001	0,010	0,029	FALSE
-0,033	0,302	-0,001	0,011	0,045	FALSE
0,038	0,306	0,001	0,010	0,043	FALSE
-0,027	0,306	0,000	0,009	0,015	FALSE
0,066	0,312	0,002	0,007	0,107	FALSE
0,039	0,307	0,001	0,008	0,048	FALSE
-0,054	0,302	-0,001	0,009	0,060	FALSE
-0,171	0,308	-0,006	0,009	0,263	FALSE
-0,179	0,289	-0,008	0,012	0,289	FALSE
-0,173	0,298	-0,004	0,007	0,222	FALSE
-0,037	0,310	-0,003	0,011	0,092	FALSE
-0,062	0,308	-0,003	0,012	0,114	FALSE
-0,099	0,303	-0,005	0,011	0,165	FALSE
-0,145	0,310	-0,006	0,012	0,196	FALSE
-0,139	0,318	-0,006	0,013	0,199	FALSE
-0,096	0,308	-0,004	0,012	0,129	FALSE
-0,082	0,316	-0,003	0,012	0,086	FALSE

-0,004	0,312	0,000	0,006	0,017	FALSE
0,070	0,308	0,003	0,011	0,096	FALSE
0,040	0,296	0,001	0,006	0,051	FALSE
0,004	0,321	0,000	0,007	0,000	FALSE
0,097	0,311	0,004	0,012	0,130	FALSE
-0,145	0,301	-0,004	0,007	0,216	FALSE
-0,137	0,317	-0,006	0,013	0,200	FALSE
0,066	0,313	0,002	0,007	0,093	FALSE
0,031	0,298	0,001	0,010	0,022	FALSE
0,130	0,306	0,003	0,008	0,173	FALSE
-0,047	0,314	-0,001	0,010	0,042	FALSE
0,006	0,316	-0,001	0,013	0,016	FALSE
0,053	0,320	0,003	0,012	0,095	FALSE
0,033	0,299	0,001	0,012	0,038	FALSE
-0,049	0,305	-0,001	0,008	0,069	FALSE
-0,059	0,314	-0,002	0,011	0,081	FALSE
-0,055	0,297	-0,003	0,011	0,101	FALSE
0,029	0,306	0,001	0,007	0,048	FALSE
-0,057	0,300	-0,002	0,008	0,092	FALSE
-0,003	0,312	0,000	0,012	0,008	FALSE
0,002	0,312	0,000	0,010	0,012	FALSE
-0,028	0,304	0,000	0,007	0,024	FALSE
0,021	0,315	0,000	0,013	0,003	FALSE
-0,017	0,304	0,000	0,007	0,002	FALSE
0,092	0,314	0,002	0,006	0,116	FALSE
-0,026	0,310	-0,001	0,007	0,037	FALSE
-0,055	0,298	-0,002	0,009	0,066	FALSE
-0,075	0,308	-0,003	0,010	0,119	FALSE
0,060	0,290	0,003	0,011	0,089	FALSE
-0,056	0,304	-0,002	0,010	0,089	FALSE
0,004	0,306	0,000	0,010	0,014	FALSE
0,081	0,305	0,004	0,012	0,128	FALSE
0,034	0,309	0,000	0,007	0,015	FALSE
-0,006	0,311	0,000	0,012	0,010	FALSE
-0,046	0,303	-0,001	0,011	0,045	FALSE
-0,018	0,287	-0,001	0,011	0,020	FALSE
-0,097	0,316	-0,003	0,007	0,152	FALSE
-0,051	0,302	-0,002	0,012	0,065	FALSE
-0,034	0,312	-0,001	0,011	0,048	FALSE
0,072	0,294	0,003	0,011	0,105	FALSE
-0,056	0,304	-0,002	0,009	0,091	FALSE
-0,237	0,295	-0,005	0,007	0,341	FALSE
0,182	0,311	0,007	0,012	0,259	FALSE
0,009	0,313	0,000	0,009	0,005	FALSE
-0,066	0,313	-0,002	0,011	0,073	FALSE
0,044	0,319	0,002	0,011	0,054	FALSE
0,167	0,293	0,004	0,007	0,244	FALSE
-0,133	0,300	-0,003	0,007	0,180	FALSE
0,074	0,312	0,003	0,011	0,095	FALSE
0,121	0,314	0,003	0,009	0,161	FALSE
0,006	0,303	0,000	0,011	0,002	FALSE
0,120	0,297	0,003	0,009	0,153	FALSE
-0,180	0,301	-0,006	0,010	0,279	FALSE

-0,146	0,317	-0,005	0,011	0,201	FALSE
0,170	0,282	0,008	0,010	0,335	FALSE
-0,042	0,309	-0,001	0,009	0,046	FALSE
-0,075	0,293	-0,002	0,010	0,060	FALSE
-0,120	0,299	-0,003	0,008	0,151	FALSE
-0,053	0,318	-0,002	0,011	0,086	FALSE
-0,007	0,319	-0,001	0,013	0,019	FALSE
0,039	0,309	0,001	0,012	0,017	FALSE
-0,071	0,304	-0,002	0,006	0,097	FALSE
-0,068	0,305	-0,003	0,010	0,095	FALSE
0,049	0,297	0,003	0,010	0,097	FALSE
-0,166	0,308	-0,003	0,008	0,187	FALSE
0,040	0,306	0,003	0,011	0,085	FALSE
-0,131	0,299	-0,005	0,011	0,187	FALSE
0,053	0,298	0,004	0,010	0,133	FALSE
0,172	0,299	0,004	0,007	0,260	FALSE
-0,016	0,323	0,000	0,009	0,017	FALSE
-0,014	0,317	0,000	0,010	0,017	FALSE
0,093	0,293	0,003	0,007	0,173	FALSE
-0,093	0,302	-0,003	0,008	0,135	FALSE
-0,074	0,317	-0,001	0,007	0,068	FALSE
-0,045	0,302	-0,001	0,007	0,039	FALSE
-0,042	0,307	-0,001	0,007	0,073	FALSE
0,163	0,314	0,004	0,007	0,220	FALSE
-0,002	0,304	-0,002	0,012	0,050	FALSE
0,011	0,308	0,000	0,010	0,008	FALSE
0,017	0,305	0,000	0,007	0,005	FALSE
-0,061	0,302	-0,002	0,010	0,058	FALSE
0,157	0,296	0,004	0,007	0,247	FALSE
0,110	0,299	0,004	0,011	0,120	FALSE
0,007	0,302	0,000	0,006	0,029	FALSE
-0,056	0,308	-0,001	0,007	0,075	FALSE
0,043	0,308	0,001	0,006	0,031	FALSE
0,030	0,291	0,001	0,011	0,039	FALSE
-0,051	0,298	-0,002	0,012	0,077	FALSE
0,079	0,316	0,001	0,006	0,075	FALSE
0,132	0,293	0,005	0,011	0,209	FALSE
-0,068	0,313	-0,001	0,007	0,064	FALSE
-0,002	0,299	0,000	0,007	0,009	FALSE
0,037	0,303	0,001	0,011	0,034	FALSE
-0,055	0,311	-0,001	0,007	0,069	FALSE
0,131	0,305	0,003	0,007	0,174	FALSE
-0,055	0,294	-0,002	0,007	0,103	FALSE
0,065	0,301	0,002	0,007	0,115	FALSE
0,098	0,299	0,004	0,012	0,136	FALSE
-0,157	0,307	-0,003	0,006	0,213	FALSE
-0,032	0,315	-0,002	0,012	0,049	FALSE
-0,014	0,296	0,000	0,013	0,010	FALSE
-0,020	0,300	0,000	0,011	0,009	FALSE
-0,010	0,306	0,000	0,007	0,001	FALSE
0,024	0,320	0,000	0,008	0,017	FALSE
-0,210	0,297	-0,009	0,012	0,331	FALSE
0,113	0,296	0,004	0,011	0,129	FALSE

0,135	0,297	0,006	0,011	0,228	FALSE
0,017	0,311	-0,001	0,013	0,018	FALSE
0,153	0,305	0,004	0,008	0,232	FALSE
0,046	0,301	0,001	0,007	0,070	FALSE
-0,004	0,313	0,000	0,013	0,007	FALSE
-0,080	0,307	-0,002	0,008	0,085	FALSE
-0,011	0,305	0,000	0,007	0,003	FALSE
-0,026	0,290	0,000	0,010	0,010	FALSE
-0,005	0,299	0,000	0,007	0,000	FALSE
0,089	0,312	0,002	0,008	0,073	FALSE
-0,130	0,307	-0,005	0,010	0,192	FALSE
0,041	0,314	0,001	0,007	0,040	FALSE
0,057	0,302	0,003	0,009	0,112	FALSE
-0,066	0,303	-0,002	0,011	0,082	FALSE
0,108	0,290	0,003	0,007	0,159	FALSE
0,003	0,314	0,001	0,010	0,022	FALSE
0,010	0,306	0,000	0,008	0,009	FALSE
-0,018	0,310	0,000	0,010	0,011	FALSE
0,040	0,308	0,002	0,012	0,047	FALSE
-0,005	0,311	0,000	0,011	0,005	FALSE
-0,002	0,312	0,001	0,011	0,032	FALSE
-0,161	0,306	-0,006	0,011	0,228	FALSE
-0,042	0,319	-0,001	0,007	0,081	FALSE
-0,047	0,294	-0,001	0,006	0,033	FALSE
0,025	0,305	0,001	0,012	0,039	FALSE
0,064	0,308	0,002	0,010	0,071	FALSE
0,031	0,315	0,001	0,010	0,027	FALSE
-0,063	0,309	-0,001	0,007	0,053	FALSE
0,069	0,308	0,002	0,008	0,076	FALSE
0,016	0,296	-0,001	0,010	0,025	FALSE
0,008	0,305	-0,001	0,010	0,029	FALSE
0,046	0,320	0,001	0,009	0,037	FALSE
0,049	0,295	0,002	0,011	0,052	FALSE
0,048	0,312	0,001	0,009	0,049	FALSE
0,000	0,305	0,000	0,006	0,016	FALSE
-0,034	0,299	-0,003	0,012	0,093	FALSE
-0,027	0,307	0,000	0,008	0,022	FALSE
0,069	0,303	0,001	0,006	0,071	FALSE
0,102	0,302	0,003	0,009	0,121	FALSE
-0,034	0,305	-0,002	0,009	0,078	FALSE
-0,038	0,305	-0,001	0,009	0,054	FALSE
-0,058	0,316	-0,002	0,012	0,060	FALSE
0,001	0,311	0,000	0,008	0,001	FALSE
-0,095	0,292	-0,002	0,007	0,131	FALSE
0,058	0,301	0,000	0,006	0,029	FALSE
-0,138	0,293	-0,003	0,007	0,171	FALSE
0,109	0,296	0,003	0,013	0,102	FALSE
0,000	0,298	0,000	0,006	0,024	FALSE
-0,016	0,304	-0,002	0,012	0,051	FALSE
0,101	0,315	0,003	0,009	0,118	FALSE
0,063	0,310	0,002	0,008	0,073	FALSE
0,163	0,300	0,003	0,006	0,221	FALSE
-0,073	0,298	-0,001	0,007	0,074	FALSE

0,177	0,300	0,006	0,010	0,247	FALSE
0,044	0,302	0,002	0,011	0,055	FALSE
-0,073	0,299	-0,003	0,008	0,122	FALSE
0,071	0,312	0,002	0,012	0,066	FALSE
0,064	0,304	0,002	0,012	0,068	FALSE
0,023	0,307	0,001	0,012	0,037	FALSE
0,047	0,310	0,002	0,010	0,065	FALSE
-0,020	0,306	0,000	0,006	0,011	FALSE
-0,044	0,308	-0,001	0,007	0,054	FALSE
0,028	0,292	0,002	0,012	0,076	FALSE
-0,023	0,285	0,000	0,006	0,005	FALSE
0,024	0,308	0,000	0,008	0,015	FALSE
0,043	0,313	0,000	0,007	0,022	FALSE
-0,023	0,310	-0,001	0,007	0,032	FALSE
-0,010	0,306	0,000	0,008	0,008	FALSE
0,068	0,284	0,002	0,012	0,078	FALSE
-0,111	0,308	-0,002	0,007	0,132	FALSE
-0,032	0,308	-0,001	0,007	0,026	FALSE
0,015	0,306	0,001	0,010	0,031	FALSE
-0,001	0,319	0,000	0,010	0,009	FALSE
0,069	0,303	0,002	0,008	0,082	FALSE
0,039	0,313	0,001	0,009	0,047	FALSE
-0,001	0,298	0,000	0,009	0,005	FALSE
0,020	0,307	0,001	0,009	0,030	FALSE
0,048	0,309	0,002	0,010	0,063	FALSE
0,070	0,301	0,003	0,012	0,102	FALSE
0,124	0,313	0,003	0,009	0,131	FALSE
0,009	0,313	-0,001	0,007	0,030	FALSE
-0,138	0,300	-0,003	0,007	0,167	FALSE
0,016	0,290	0,002	0,012	0,077	FALSE
-0,112	0,301	-0,004	0,011	0,158	FALSE
-0,031	0,306	-0,001	0,012	0,029	FALSE
-0,110	0,306	-0,003	0,008	0,138	FALSE
0,033	0,313	0,000	0,009	0,012	FALSE
0,063	0,306	0,002	0,012	0,066	FALSE
0,056	0,312	0,003	0,010	0,115	FALSE
-0,044	0,315	-0,001	0,012	0,041	FALSE
-0,100	0,315	-0,003	0,009	0,140	FALSE
-0,001	0,300	0,000	0,011	0,014	FALSE
-0,038	0,320	-0,001	0,007	0,034	FALSE
0,007	0,305	0,000	0,011	0,015	FALSE
-0,067	0,308	-0,003	0,010	0,101	FALSE
-0,055	0,307	-0,003	0,013	0,089	FALSE
-0,024	0,302	0,000	0,009	0,001	FALSE
-0,085	0,302	-0,004	0,012	0,122	FALSE
-0,034	0,304	-0,002	0,010	0,061	FALSE
0,005	0,313	0,000	0,013	0,013	FALSE
-0,035	0,300	-0,001	0,012	0,031	FALSE
-0,001	0,307	0,000	0,012	0,013	FALSE
-0,032	0,314	-0,001	0,010	0,050	FALSE
-0,038	0,296	0,000	0,012	0,013	FALSE
-0,032	0,326	0,000	0,010	0,017	FALSE
-0,031	0,315	0,000	0,010	0,010	FALSE

-0,045	0,298	0,000	0,006	0,013	FALSE
-0,043	0,307	-0,001	0,012	0,023	FALSE
-0,057	0,311	-0,001	0,012	0,041	FALSE
0,063	0,291	0,002	0,009	0,094	FALSE
-0,023	0,301	0,000	0,006	0,010	FALSE
-0,040	0,299	-0,001	0,007	0,033	FALSE
-0,034	0,314	-0,001	0,007	0,032	FALSE
0,091	0,312	0,002	0,010	0,091	FALSE
0,023	0,303	0,000	0,006	0,025	FALSE
0,001	0,298	-0,001	0,009	0,037	FALSE
0,068	0,316	0,003	0,012	0,112	FALSE
-0,060	0,310	-0,002	0,009	0,082	FALSE
-0,049	0,309	-0,002	0,009	0,075	FALSE
-0,059	0,313	-0,001	0,008	0,065	FALSE
0,025	0,307	0,000	0,009	0,002	FALSE
-0,043	0,311	-0,001	0,013	0,037	FALSE
-0,044	0,317	-0,002	0,009	0,060	FALSE
-0,073	0,297	-0,002	0,008	0,099	FALSE
-0,077	0,315	-0,002	0,010	0,058	FALSE
-0,123	0,295	-0,003	0,009	0,139	FALSE
-0,031	0,317	-0,001	0,010	0,046	FALSE
0,036	0,308	0,000	0,012	0,011	FALSE
-0,066	0,307	-0,002	0,008	0,101	FALSE
-0,016	0,316	-0,001	0,008	0,029	FALSE
-0,019	0,310	0,000	0,011	0,008	FALSE
-0,128	0,310	-0,005	0,011	0,165	FALSE
-0,084	0,297	-0,003	0,011	0,112	FALSE
-0,029	0,324	-0,001	0,010	0,035	FALSE
0,028	0,303	0,001	0,006	0,073	FALSE
-0,056	0,308	-0,001	0,006	0,072	FALSE
-0,141	0,316	-0,005	0,011	0,181	FALSE
-0,082	0,302	-0,002	0,009	0,094	FALSE
0,095	0,300	0,004	0,011	0,139	FALSE
0,124	0,296	0,005	0,010	0,198	FALSE
-0,086	0,313	-0,002	0,008	0,118	FALSE
-0,025	0,318	-0,001	0,012	0,031	FALSE
-0,094	0,318	-0,002	0,007	0,120	FALSE
-0,025	0,315	-0,002	0,008	0,068	FALSE
0,031	0,305	0,001	0,008	0,040	FALSE
-0,093	0,315	-0,004	0,013	0,127	FALSE
0,034	0,296	0,001	0,008	0,055	FALSE
0,110	0,305	0,004	0,008	0,179	FALSE
0,112	0,291	0,004	0,008	0,188	FALSE
0,006	0,304	0,000	0,007	0,009	FALSE
-0,103	0,307	-0,003	0,008	0,148	FALSE
0,082	0,311	0,002	0,010	0,084	FALSE
0,070	0,315	0,002	0,008	0,096	FALSE
-0,074	0,307	-0,003	0,011	0,097	FALSE
0,005	0,297	-0,001	0,008	0,022	FALSE
0,157	0,307	0,007	0,011	0,270	FALSE
-0,015	0,310	-0,001	0,007	0,032	FALSE
-0,082	0,314	-0,002	0,007	0,095	FALSE
-0,077	0,303	-0,002	0,009	0,099	FALSE

-0,054	0,308	-0,003	0,012	0,091	FALSE
0,134	0,296	0,005	0,010	0,212	FALSE
-0,051	0,318	-0,002	0,008	0,082	FALSE
0,026	0,299	0,000	0,011	0,015	FALSE
0,048	0,304	0,001	0,008	0,056	FALSE
0,033	0,301	0,001	0,008	0,046	FALSE
0,005	0,303	0,000	0,008	0,018	FALSE
0,007	0,317	0,000	0,012	0,003	FALSE
0,038	0,301	0,001	0,008	0,058	FALSE
0,000	0,304	0,000	0,012	0,009	FALSE
0,028	0,305	0,000	0,012	0,012	FALSE
0,038	0,306	0,002	0,010	0,057	FALSE
0,119	0,297	0,005	0,012	0,166	FALSE
0,015	0,312	0,000	0,008	0,009	FALSE
-0,113	0,308	-0,003	0,007	0,165	FALSE
0,059	0,308	0,003	0,010	0,093	FALSE
0,078	0,319	0,004	0,012	0,131	FALSE
-0,101	0,309	-0,003	0,008	0,148	FALSE
-0,093	0,303	-0,004	0,012	0,131	FALSE
-0,041	0,304	-0,001	0,009	0,044	FALSE
0,042	0,312	0,001	0,007	0,045	FALSE
-0,005	0,322	-0,001	0,010	0,021	FALSE
0,045	0,327	0,001	0,010	0,044	FALSE
-0,061	0,303	-0,002	0,009	0,083	FALSE
-0,013	0,310	-0,001	0,009	0,033	FALSE
-0,018	0,320	-0,001	0,009	0,035	FALSE
-0,034	0,311	-0,001	0,007	0,056	FALSE
0,019	0,318	0,001	0,012	0,028	FALSE
-0,138	0,310	-0,004	0,009	0,204	FALSE
0,050	0,309	0,001	0,008	0,049	FALSE
-0,042	0,312	-0,002	0,007	0,085	FALSE
-0,053	0,300	-0,003	0,011	0,092	FALSE
-0,032	0,293	-0,001	0,010	0,038	FALSE
-0,005	0,311	-0,001	0,008	0,029	FALSE
0,059	0,312	0,002	0,008	0,078	FALSE
-0,130	0,306	-0,002	0,007	0,151	FALSE
-0,001	0,301	-0,001	0,008	0,022	FALSE
0,072	0,302	0,002	0,008	0,103	FALSE
0,033	0,307	0,001	0,007	0,040	FALSE
0,000	0,294	0,000	0,010	0,007	FALSE
0,059	0,299	0,003	0,012	0,084	FALSE
0,029	0,310	0,000	0,010	0,017	FALSE
-0,081	0,301	-0,002	0,006	0,127	FALSE
0,072	0,322	0,002	0,010	0,075	FALSE
0,079	0,314	0,002	0,008	0,082	FALSE
-0,147	0,317	-0,003	0,007	0,180	FALSE
-0,072	0,321	-0,003	0,012	0,090	FALSE
-0,070	0,310	-0,003	0,010	0,093	FALSE
-0,089	0,318	-0,003	0,011	0,106	FALSE
0,055	0,286	0,002	0,010	0,075	FALSE
-0,096	0,320	-0,002	0,008	0,128	FALSE
-0,025	0,312	-0,001	0,007	0,038	FALSE
-0,015	0,311	-0,001	0,010	0,033	FALSE

-0,072	0,297	-0,002	0,012	0,067	FALSE
-0,028	0,309	0,000	0,013	0,010	FALSE
-0,102	0,308	-0,004	0,012	0,110	FALSE
-0,043	0,314	-0,001	0,007	0,051	FALSE
0,046	0,309	0,001	0,011	0,043	FALSE
0,024	0,310	0,001	0,009	0,029	FALSE
-0,116	0,318	-0,004	0,011	0,140	FALSE
0,052	0,311	0,001	0,007	0,069	FALSE
-0,038	0,312	-0,001	0,007	0,033	FALSE
-0,031	0,318	-0,001	0,011	0,026	FALSE
-0,048	0,306	-0,001	0,007	0,040	FALSE
-0,069	0,305	-0,002	0,006	0,095	FALSE
-0,003	0,335	0,000	0,013	0,012	FALSE
-0,088	0,305	-0,004	0,012	0,140	FALSE
0,109	0,310	0,002	0,008	0,101	FALSE
0,035	0,302	0,001	0,007	0,036	FALSE
0,000	0,309	0,000	0,007	0,014	FALSE
0,120	0,306	0,003	0,006	0,187	FALSE
-0,083	0,307	-0,003	0,011	0,102	FALSE
0,003	0,308	0,000	0,007	0,011	FALSE
-0,116	0,314	-0,003	0,008	0,151	FALSE
0,006	0,301	0,001	0,010	0,020	FALSE
-0,078	0,302	-0,002	0,007	0,099	FALSE
0,050	0,308	0,002	0,008	0,076	FALSE
-0,025	0,296	-0,001	0,009	0,021	FALSE
-0,181	0,308	-0,007	0,013	0,256	FALSE
0,023	0,301	0,001	0,010	0,049	FALSE
0,006	0,308	0,001	0,009	0,024	FALSE
0,100	0,303	0,005	0,011	0,160	FALSE
0,018	0,313	0,001	0,010	0,039	FALSE
-0,137	0,305	-0,004	0,009	0,154	FALSE
0,171	0,307	0,004	0,008	0,214	FALSE
0,023	0,310	0,001	0,009	0,046	FALSE
-0,167	0,301	-0,005	0,009	0,229	FALSE
-0,071	0,313	-0,002	0,008	0,097	FALSE
0,059	0,305	0,003	0,009	0,115	FALSE
0,034	0,307	0,002	0,010	0,074	FALSE
-0,023	0,319	-0,001	0,008	0,024	FALSE
0,083	0,309	0,002	0,011	0,079	FALSE
-0,074	0,313	-0,002	0,013	0,063	FALSE
-0,046	0,308	-0,002	0,012	0,045	FALSE
-0,071	0,318	-0,002	0,012	0,050	FALSE
-0,037	0,305	-0,001	0,012	0,024	FALSE
-0,059	0,315	-0,001	0,007	0,034	FALSE
0,025	0,287	0,000	0,010	0,006	FALSE
0,012	0,299	0,001	0,007	0,033	FALSE
-0,217	0,291	-0,008	0,010	0,365	FALSE
0,101	0,311	0,004	0,012	0,119	FALSE
-0,084	0,324	-0,003	0,009	0,134	FALSE
-0,136	0,296	-0,003	0,007	0,154	FALSE
-0,134	0,295	-0,006	0,011	0,214	FALSE
-0,072	0,310	-0,001	0,008	0,054	FALSE
0,002	0,322	0,000	0,010	0,003	FALSE

0,128	0,313	0,006	0,013	0,190	FALSE
-0,013	0,296	0,001	0,011	0,024	FALSE
-0,059	0,299	-0,002	0,008	0,088	FALSE
0,039	0,299	0,001	0,008	0,065	FALSE
0,026	0,319	0,000	0,010	0,017	FALSE
-0,001	0,305	0,000	0,009	0,003	FALSE
0,005	0,305	0,000	0,009	0,012	FALSE
-0,021	0,310	-0,001	0,010	0,032	FALSE
-0,066	0,317	-0,003	0,012	0,107	FALSE
0,016	0,306	0,001	0,008	0,033	FALSE
0,032	0,317	0,001	0,013	0,042	FALSE
0,067	0,323	0,002	0,010	0,060	FALSE
0,101	0,300	0,003	0,011	0,130	FALSE
-0,023	0,314	0,000	0,010	0,012	FALSE
-0,018	0,307	0,000	0,012	0,013	FALSE
0,014	0,307	0,001	0,010	0,028	FALSE
0,017	0,312	0,001	0,010	0,040	FALSE
0,055	0,323	0,002	0,010	0,070	FALSE
0,000	0,313	0,000	0,006	0,006	FALSE
0,002	0,326	0,000	0,007	0,006	FALSE
-0,032	0,322	-0,001	0,007	0,047	FALSE
-0,056	0,315	-0,002	0,006	0,093	FALSE
0,104	0,306	0,004	0,010	0,143	FALSE
0,089	0,318	0,003	0,010	0,109	FALSE
-0,014	0,307	0,000	0,009	0,008	FALSE
0,008	0,302	0,000	0,008	0,007	FALSE
0,041	0,295	0,001	0,008	0,037	FALSE
-0,064	0,310	-0,003	0,012	0,098	FALSE
-0,007	0,320	0,000	0,008	0,013	FALSE
-0,007	0,321	0,000	0,009	0,002	FALSE
-0,027	0,311	-0,001	0,009	0,033	FALSE
0,017	0,309	0,001	0,009	0,022	FALSE
0,003	0,285	-0,001	0,011	0,028	FALSE
0,026	0,290	0,000	0,011	0,001	FALSE
-0,059	0,299	-0,001	0,008	0,060	FALSE
-0,023	0,326	0,000	0,008	0,003	FALSE
-0,080	0,293	-0,003	0,010	0,103	FALSE
-0,124	0,298	-0,003	0,008	0,130	FALSE
-0,002	0,309	-0,001	0,012	0,015	FALSE
0,065	0,308	0,002	0,007	0,111	FALSE
0,028	0,320	0,001	0,007	0,037	FALSE
0,069	0,308	0,002	0,007	0,116	FALSE
0,032	0,318	0,000	0,007	0,019	FALSE
0,021	0,298	0,001	0,012	0,014	FALSE
0,035	0,310	0,001	0,013	0,033	FALSE
0,037	0,310	0,000	0,007	0,005	FALSE
-0,080	0,317	-0,002	0,009	0,097	FALSE
0,161	0,286	0,004	0,006	0,273	FALSE
0,132	0,301	0,003	0,007	0,209	FALSE
0,163	0,313	0,004	0,007	0,245	FALSE
-0,063	0,296	-0,003	0,010	0,105	FALSE
0,053	0,300	0,001	0,008	0,052	FALSE
-0,101	0,302	-0,004	0,010	0,154	FALSE

0,021	0,305	0,000	0,011	0,009	FALSE
-0,065	0,311	-0,002	0,009	0,071	FALSE
0,147	0,296	0,003	0,006	0,227	FALSE
-0,101	0,291	-0,003	0,012	0,105	FALSE
-0,068	0,312	-0,002	0,013	0,070	FALSE
-0,073	0,306	-0,002	0,007	0,088	FALSE
-0,079	0,310	-0,002	0,007	0,097	FALSE
-0,178	0,293	-0,007	0,011	0,279	FALSE
-0,131	0,295	-0,005	0,011	0,203	FALSE
-0,166	0,297	-0,007	0,013	0,248	FALSE
-0,194	0,297	-0,007	0,011	0,300	FALSE
-0,191	0,297	-0,008	0,013	0,286	FALSE
-0,186	0,294	-0,008	0,012	0,293	FALSE
-0,218	0,281	-0,009	0,012	0,364	FALSE
0,024	0,298	0,000	0,009	0,014	FALSE
0,023	0,313	0,000	0,010	0,009	FALSE
-0,015	0,306	-0,001	0,010	0,052	FALSE
0,002	0,309	0,000	0,009	0,016	FALSE
0,065	0,294	0,003	0,012	0,085	FALSE
0,055	0,299	0,003	0,011	0,090	FALSE
0,046	0,290	0,002	0,007	0,083	FALSE
0,045	0,305	0,002	0,008	0,079	FALSE
-0,078	0,311	-0,002	0,007	0,107	FALSE
-0,048	0,307	-0,001	0,007	0,057	FALSE
0,026	0,305	0,001	0,012	0,035	FALSE
0,021	0,302	0,001	0,008	0,032	FALSE
-0,001	0,311	0,000	0,010	0,008	FALSE
0,035	0,291	0,000	0,006	0,000	FALSE
-0,030	0,308	-0,002	0,010	0,089	FALSE
-0,014	0,311	0,000	0,008	0,018	FALSE
0,034	0,299	0,000	0,011	0,001	FALSE
0,058	0,308	0,001	0,008	0,068	FALSE
-0,130	0,296	-0,004	0,008	0,203	FALSE
-0,032	0,298	-0,001	0,011	0,046	FALSE
-0,048	0,306	-0,002	0,010	0,068	FALSE
-0,075	0,320	-0,003	0,010	0,094	FALSE
-0,070	0,310	-0,001	0,007	0,060	FALSE
0,017	0,301	0,000	0,012	0,005	FALSE
-0,025	0,307	0,000	0,007	0,003	FALSE
-0,085	0,301	-0,003	0,010	0,132	FALSE
0,118	0,300	0,004	0,009	0,167	FALSE
-0,128	0,314	-0,003	0,007	0,179	FALSE
-0,159	0,278	-0,003	0,006	0,235	FALSE
-0,088	0,306	-0,003	0,009	0,144	FALSE
-0,087	0,299	-0,003	0,009	0,138	FALSE
-0,103	0,313	-0,003	0,009	0,159	FALSE
-0,103	0,303	-0,004	0,009	0,153	FALSE
-0,093	0,294	-0,003	0,008	0,145	FALSE
-0,065	0,297	-0,003	0,008	0,118	FALSE
-0,083	0,298	-0,003	0,009	0,140	FALSE
0,134	0,289	0,004	0,007	0,222	FALSE
-0,008	0,307	0,000	0,012	0,011	FALSE
0,036	0,320	0,002	0,013	0,045	FALSE

0,054	0,299	0,001	0,012	0,040	FALSE
-0,055	0,301	-0,001	0,012	0,039	FALSE
0,150	0,307	0,006	0,013	0,196	FALSE
-0,042	0,307	-0,001	0,012	0,020	FALSE
-0,060	0,325	-0,001	0,008	0,042	FALSE
0,007	0,295	0,000	0,012	0,002	FALSE
-0,009	0,320	0,000	0,008	0,008	FALSE
0,109	0,299	0,003	0,008	0,125	FALSE
0,114	0,316	0,003	0,009	0,128	FALSE
-0,019	0,319	-0,001	0,010	0,031	FALSE
0,103	0,293	0,005	0,013	0,162	FALSE
-0,149	0,308	-0,005	0,012	0,174	FALSE
0,024	0,310	0,001	0,009	0,023	FALSE
-0,003	0,301	0,000	0,007	0,002	FALSE
0,032	0,310	0,001	0,007	0,044	FALSE
0,092	0,299	0,003	0,011	0,099	FALSE
0,046	0,302	0,002	0,011	0,060	FALSE
0,099	0,308	0,002	0,007	0,130	FALSE
0,106	0,304	0,003	0,007	0,145	FALSE
-0,114	0,315	-0,004	0,010	0,153	FALSE
0,084	0,307	0,002	0,007	0,110	FALSE
0,081	0,289	0,002	0,007	0,138	FALSE
0,178	0,300	0,008	0,012	0,293	FALSE
-0,147	0,309	-0,005	0,011	0,195	FALSE
-0,048	0,295	-0,001	0,008	0,063	FALSE
-0,134	0,310	-0,006	0,012	0,209	FALSE
0,011	0,308	0,001	0,007	0,035	FALSE
0,063	0,317	0,001	0,008	0,054	FALSE
0,005	0,316	0,000	0,013	0,004	FALSE
-0,019	0,314	-0,001	0,012	0,019	FALSE
-0,010	0,321	0,000	0,013	0,009	FALSE
0,007	0,303	0,000	0,012	0,013	FALSE
0,025	0,311	0,001	0,012	0,027	FALSE
0,002	0,323	0,000	0,013	0,007	FALSE
-0,012	0,317	-0,001	0,013	0,021	FALSE
-0,011	0,308	-0,001	0,012	0,019	FALSE
-0,011	0,327	0,000	0,013	0,005	FALSE
0,022	0,311	0,001	0,012	0,032	FALSE
-0,020	0,300	-0,001	0,012	0,035	FALSE
0,004	0,326	0,000	0,013	0,000	FALSE
-0,004	0,325	0,000	0,013	0,000	FALSE
0,006	0,317	0,001	0,013	0,016	FALSE
-0,001	0,336	0,000	0,013	0,003	FALSE
0,005	0,308	0,000	0,012	0,007	FALSE
-0,015	0,320	0,000	0,013	0,013	FALSE
-0,004	0,320	0,000	0,013	0,009	FALSE
-0,002	0,322	0,000	0,013	0,000	FALSE
0,002	0,325	0,000	0,012	0,005	FALSE
0,015	0,312	0,000	0,013	0,012	FALSE
-0,013	0,312	-0,001	0,013	0,016	FALSE
-0,016	0,305	0,000	0,012	0,014	FALSE
-0,004	0,327	0,000	0,013	0,007	FALSE
-0,007	0,324	0,000	0,013	0,012	FALSE

-0,037	0,323	-0,001	0,013	0,033	FALSE
-0,004	0,326	0,000	0,013	0,006	FALSE
-0,002	0,334	0,000	0,013	0,002	FALSE
0,005	0,308	0,000	0,012	0,008	FALSE
0,041	0,309	0,002	0,012	0,048	FALSE
0,027	0,301	0,001	0,012	0,039	FALSE
0,000	0,300	0,000	0,007	0,018	FALSE
0,007	0,314	0,000	0,008	0,002	FALSE
0,083	0,308	0,002	0,007	0,092	FALSE
0,068	0,308	0,003	0,012	0,089	FALSE
-0,014	0,298	-0,001	0,008	0,037	FALSE
-0,067	0,311	-0,003	0,012	0,095	FALSE
-0,006	0,316	0,000	0,012	0,011	FALSE
-0,011	0,321	-0,001	0,013	0,019	FALSE
-0,011	0,311	-0,001	0,012	0,017	FALSE
0,023	0,311	0,001	0,013	0,020	FALSE
-0,005	0,307	0,000	0,012	0,012	FALSE
-0,023	0,328	-0,001	0,013	0,041	FALSE
-0,007	0,322	0,000	0,013	0,007	FALSE
0,030	0,317	0,001	0,013	0,024	FALSE
0,009	0,306	0,000	0,012	0,001	FALSE
-0,038	0,321	-0,002	0,013	0,051	FALSE
-0,004	0,326	0,000	0,013	0,007	FALSE
-0,033	0,299	-0,002	0,012	0,047	FALSE
-0,022	0,312	-0,001	0,012	0,028	FALSE
-0,010	0,320	0,000	0,013	0,011	FALSE
0,004	0,316	0,000	0,013	0,003	FALSE
-0,006	0,324	-0,001	0,013	0,017	FALSE
-0,036	0,316	-0,002	0,013	0,046	FALSE
0,009	0,315	0,001	0,013	0,016	FALSE
0,006	0,307	0,000	0,012	0,009	FALSE
0,002	0,308	0,000	0,012	0,006	FALSE
0,038	0,310	0,001	0,008	0,053	FALSE
0,013	0,302	0,001	0,009	0,029	FALSE
0,000	0,315	0,001	0,009	0,020	FALSE
0,037	0,313	0,002	0,009	0,069	FALSE
-0,063	0,300	-0,002	0,009	0,071	FALSE
0,024	0,300	0,001	0,009	0,049	FALSE
-0,050	0,296	-0,003	0,012	0,077	FALSE
-0,015	0,327	-0,001	0,013	0,020	FALSE
-0,031	0,308	-0,002	0,013	0,050	FALSE
-0,017	0,317	0,000	0,012	0,014	FALSE
0,029	0,303	0,001	0,012	0,031	FALSE
-0,008	0,324	0,000	0,013	0,009	FALSE
0,015	0,314	0,000	0,013	0,005	FALSE
0,013	0,329	0,001	0,013	0,019	FALSE
0,006	0,318	0,000	0,013	0,002	FALSE
0,076	0,316	0,002	0,008	0,111	FALSE
-0,020	0,304	-0,001	0,012	0,024	FALSE
-0,021	0,312	-0,001	0,012	0,030	FALSE
0,017	0,313	0,001	0,012	0,031	FALSE
-0,010	0,315	0,000	0,012	0,010	FALSE
-0,012	0,323	0,000	0,013	0,011	FALSE

-0,003	0,309	0,000	0,012	0,006	FALSE
-0,002	0,313	0,000	0,012	0,006	FALSE
-0,007	0,306	0,000	0,012	0,013	FALSE
0,029	0,316	0,001	0,013	0,022	FALSE
-0,012	0,323	0,000	0,013	0,010	FALSE
-0,012	0,320	0,000	0,013	0,014	FALSE
0,009	0,318	0,000	0,012	0,008	FALSE
-0,009	0,310	-0,001	0,012	0,015	FALSE
-0,018	0,329	-0,001	0,013	0,019	FALSE
0,004	0,317	0,000	0,013	0,008	FALSE
0,012	0,324	0,000	0,013	0,008	FALSE
0,004	0,327	0,001	0,013	0,015	FALSE
0,017	0,324	0,001	0,013	0,019	FALSE
-0,019	0,321	-0,001	0,013	0,020	FALSE
0,012	0,331	0,001	0,013	0,015	FALSE
-0,054	0,306	-0,001	0,007	0,067	FALSE
0,142	0,302	0,004	0,009	0,188	FALSE
-0,072	0,297	-0,002	0,007	0,101	FALSE
0,014	0,310	0,001	0,012	0,018	FALSE
-0,037	0,310	-0,002	0,012	0,049	FALSE
0,029	0,310	0,001	0,011	0,033	FALSE
-0,009	0,329	0,000	0,013	0,011	FALSE
-0,015	0,318	-0,001	0,013	0,019	FALSE
0,017	0,309	0,001	0,012	0,019	FALSE
-0,002	0,321	0,000	0,013	0,004	FALSE
-0,019	0,318	0,000	0,013	0,013	FALSE
-0,003	0,311	0,000	0,012	0,003	FALSE
0,001	0,330	0,000	0,013	0,001	FALSE
0,175	0,302	0,005	0,008	0,266	FALSE
0,059	0,310	0,002	0,009	0,068	FALSE
-0,021	0,317	-0,001	0,012	0,029	FALSE
-0,027	0,307	-0,001	0,012	0,028	FALSE
0,005	0,324	0,000	0,013	0,002	FALSE
0,031	0,319	0,001	0,013	0,032	FALSE
-0,019	0,327	-0,001	0,013	0,020	FALSE
-0,010	0,312	0,000	0,013	0,009	FALSE
0,021	0,316	0,001	0,012	0,022	FALSE
0,047	0,317	0,002	0,012	0,062	FALSE
-0,087	0,317	-0,002	0,007	0,118	FALSE
0,045	0,309	0,002	0,011	0,078	FALSE
0,015	0,306	0,000	0,012	0,013	FALSE
0,104	0,315	0,003	0,009	0,132	FALSE
0,010	0,302	0,000	0,007	0,014	FALSE
0,010	0,318	0,001	0,013	0,015	FALSE
0,015	0,310	0,001	0,012	0,015	FALSE
0,001	0,321	0,000	0,013	0,004	FALSE
-0,028	0,301	-0,001	0,012	0,028	FALSE
-0,027	0,306	-0,001	0,012	0,039	FALSE
-0,003	0,293	0,000	0,006	0,014	FALSE
0,038	0,312	0,002	0,010	0,055	FALSE
0,057	0,297	0,002	0,011	0,067	FALSE
-0,002	0,307	0,000	0,006	0,001	FALSE
-0,068	0,294	-0,001	0,008	0,065	FALSE

0,081	0,294	0,003	0,012	0,091	FALSE
-0,100	0,305	-0,003	0,010	0,105	FALSE
0,004	0,303	0,000	0,007	0,001	FALSE
0,030	0,299	0,001	0,013	0,016	FALSE
-0,029	0,308	-0,001	0,012	0,037	FALSE
-0,103	0,303	-0,004	0,012	0,109	FALSE
0,005	0,311	0,000	0,012	0,002	FALSE
-0,053	0,299	-0,002	0,011	0,066	FALSE
0,072	0,311	0,004	0,013	0,131	FALSE
-0,036	0,322	0,000	0,011	0,014	FALSE
-0,052	0,318	-0,001	0,011	0,034	FALSE
0,015	0,317	0,001	0,011	0,025	FALSE
0,055	0,306	0,001	0,011	0,041	FALSE
-0,010	0,304	-0,001	0,008	0,026	FALSE
-0,029	0,321	-0,001	0,013	0,040	FALSE
-0,011	0,305	0,000	0,011	0,004	FALSE
0,001	0,318	0,000	0,013	0,000	FALSE
0,004	0,319	0,000	0,012	0,003	FALSE
0,001	0,317	0,000	0,013	0,001	FALSE
-0,013	0,317	-0,001	0,013	0,017	FALSE
0,010	0,314	0,001	0,012	0,015	FALSE
0,009	0,322	0,000	0,013	0,010	FALSE
-0,028	0,321	-0,001	0,013	0,037	FALSE
-0,022	0,309	-0,001	0,012	0,033	FALSE
-0,011	0,316	0,000	0,012	0,011	FALSE
-0,007	0,328	0,000	0,013	0,003	FALSE
-0,025	0,326	-0,001	0,013	0,030	FALSE
-0,008	0,322	0,000	0,013	0,012	FALSE
0,100	0,305	0,003	0,009	0,125	FALSE
-0,068	0,308	-0,002	0,009	0,078	FALSE
-0,111	0,308	-0,003	0,009	0,147	FALSE
-0,008	0,326	0,000	0,012	0,009	FALSE
-0,042	0,316	-0,001	0,010	0,052	FALSE
0,013	0,300	0,000	0,006	0,015	FALSE
-0,121	0,309	-0,003	0,006	0,164	FALSE
0,129	0,291	0,005	0,012	0,181	FALSE
0,083	0,305	0,002	0,007	0,126	FALSE
0,091	0,308	0,003	0,007	0,140	FALSE
0,022	0,314	0,000	0,007	0,009	FALSE
0,017	0,323	0,002	0,012	0,045	FALSE
0,117	0,314	0,003	0,008	0,176	FALSE
-0,060	0,299	-0,001	0,009	0,032	FALSE
0,121	0,313	0,005	0,011	0,179	FALSE
-0,090	0,318	-0,003	0,009	0,134	FALSE
0,134	0,309	0,003	0,007	0,163	FALSE
-0,019	0,297	0,000	0,009	0,004	FALSE
0,252	0,291	0,007	0,008	0,380	FALSE
-0,076	0,295	-0,002	0,008	0,116	FALSE
-0,075	0,302	-0,002	0,010	0,076	FALSE
0,010	0,319	0,000	0,012	0,006	FALSE
-0,012	0,333	-0,001	0,013	0,018	FALSE
0,013	0,303	0,000	0,006	0,024	FALSE
0,030	0,323	0,001	0,013	0,030	FALSE

0,021	0,316	0,001	0,013	0,031	FALSE
0,005	0,319	0,000	0,012	0,001	FALSE
0,047	0,313	0,002	0,013	0,050	FALSE
0,005	0,313	0,000	0,013	0,006	FALSE
0,030	0,309	0,001	0,012	0,042	FALSE
0,043	0,312	0,002	0,012	0,050	FALSE
-0,067	0,313	-0,002	0,007	0,093	FALSE
-0,044	0,293	-0,002	0,012	0,057	FALSE
0,008	0,296	0,000	0,009	0,018	FALSE
-0,038	0,302	-0,001	0,009	0,038	FALSE
-0,040	0,296	-0,001	0,008	0,041	FALSE
-0,075	0,310	-0,002	0,007	0,097	FALSE
0,181	0,305	0,008	0,013	0,253	FALSE
-0,011	0,299	-0,001	0,006	0,030	FALSE
0,182	0,294	0,004	0,006	0,302	FALSE
0,024	0,303	0,001	0,007	0,057	FALSE
-0,077	0,299	-0,003	0,012	0,094	FALSE
0,105	0,300	0,003	0,010	0,123	FALSE
-0,031	0,324	-0,001	0,013	0,026	FALSE
0,002	0,312	0,000	0,013	0,010	FALSE
-0,034	0,312	-0,001	0,012	0,033	FALSE
-0,041	0,321	-0,001	0,013	0,032	FALSE
-0,031	0,321	-0,001	0,013	0,026	FALSE
-0,041	0,315	-0,002	0,013	0,046	FALSE
-0,082	0,303	-0,002	0,007	0,091	FALSE
-0,026	0,318	-0,002	0,012	0,062	FALSE
0,063	0,305	0,001	0,008	0,055	FALSE
-0,087	0,306	-0,003	0,011	0,110	FALSE
0,042	0,302	0,001	0,011	0,020	FALSE
-0,032	0,303	-0,002	0,009	0,069	FALSE
-0,061	0,304	-0,002	0,008	0,105	FALSE
-0,011	0,318	-0,002	0,012	0,066	FALSE
0,046	0,292	0,001	0,006	0,083	FALSE
-0,146	0,321	-0,003	0,007	0,193	FALSE
0,000	0,306	0,000	0,012	0,003	FALSE
0,110	0,297	0,006	0,012	0,195	FALSE
0,133	0,290	0,005	0,011	0,185	FALSE
-0,063	0,315	-0,002	0,010	0,078	FALSE
-0,097	0,302	-0,005	0,013	0,169	FALSE
0,113	0,300	0,006	0,012	0,212	FALSE
0,008	0,301	0,002	0,010	0,061	FALSE
-0,085	0,302	-0,003	0,009	0,114	FALSE
-0,020	0,302	-0,001	0,013	0,040	FALSE
0,034	0,307	0,000	0,011	0,003	FALSE
-0,106	0,301	-0,004	0,012	0,128	FALSE
-0,106	0,299	-0,004	0,012	0,117	FALSE
-0,083	0,295	-0,003	0,012	0,093	FALSE
-0,096	0,312	-0,003	0,012	0,109	FALSE
0,074	0,316	0,003	0,011	0,098	FALSE
0,031	0,311	0,001	0,012	0,029	FALSE
-0,008	0,303	0,000	0,006	0,011	FALSE
-0,027	0,316	-0,001	0,007	0,038	FALSE
0,050	0,309	0,002	0,012	0,049	FALSE

-0,062	0,311	-0,002	0,007	0,093	FALSE
0,050	0,314	0,002	0,012	0,049	FALSE
0,023	0,306	0,001	0,012	0,046	FALSE
-0,184	0,308	-0,006	0,009	0,269	FALSE
0,057	0,304	0,001	0,010	0,047	FALSE
0,002	0,310	-0,001	0,011	0,019	FALSE
0,073	0,317	0,004	0,013	0,114	FALSE
0,015	0,298	0,000	0,010	0,017	FALSE
-0,063	0,312	-0,002	0,009	0,075	FALSE
-0,098	0,303	-0,003	0,008	0,145	FALSE
-0,136	0,299	-0,005	0,009	0,219	FALSE
-0,029	0,310	-0,001	0,011	0,027	FALSE
-0,035	0,305	-0,001	0,011	0,037	FALSE
0,035	0,301	0,002	0,012	0,058	FALSE
-0,055	0,291	-0,002	0,010	0,089	FALSE
-0,037	0,302	-0,001	0,012	0,015	FALSE
-0,141	0,303	-0,003	0,007	0,178	FALSE
-0,140	0,296	-0,003	0,006	0,178	FALSE
-0,123	0,311	-0,003	0,007	0,157	FALSE
-0,056	0,301	-0,001	0,009	0,036	FALSE
0,078	0,290	0,003	0,010	0,093	FALSE
0,063	0,295	0,002	0,006	0,111	FALSE
0,091	0,304	0,002	0,007	0,150	FALSE
0,077	0,308	0,003	0,011	0,090	FALSE
-0,143	0,312	-0,005	0,009	0,221	FALSE
-0,008	0,317	-0,001	0,008	0,024	FALSE
0,004	0,299	-0,001	0,012	0,024	FALSE
0,019	0,307	0,000	0,009	0,018	FALSE
0,039	0,306	0,000	0,009	0,009	FALSE
0,004	0,303	0,000	0,008	0,013	FALSE
0,062	0,309	0,002	0,012	0,054	FALSE
0,014	0,312	0,000	0,007	0,018	FALSE
-0,006	0,308	0,000	0,008	0,008	FALSE
-0,006	0,306	0,000	0,007	0,003	FALSE
-0,012	0,307	0,000	0,008	0,000	FALSE
-0,074	0,306	-0,003	0,010	0,103	FALSE
-0,065	0,305	-0,002	0,010	0,085	FALSE
0,000	0,307	0,000	0,008	0,005	FALSE
0,052	0,304	0,001	0,007	0,074	FALSE
0,033	0,305	0,000	0,007	0,012	FALSE
0,098	0,307	0,002	0,007	0,098	FALSE
-0,106	0,313	-0,003	0,009	0,134	FALSE
0,128	0,309	0,002	0,007	0,123	FALSE
0,067	0,299	0,002	0,013	0,069	FALSE
-0,086	0,308	-0,003	0,009	0,116	FALSE
0,073	0,311	0,002	0,010	0,071	FALSE
-0,132	0,303	-0,005	0,012	0,165	FALSE
0,015	0,304	0,001	0,009	0,037	FALSE
-0,024	0,313	0,000	0,006	0,000	FALSE
0,127	0,288	0,003	0,008	0,153	FALSE
0,038	0,299	0,001	0,006	0,047	FALSE
0,095	0,302	0,003	0,010	0,119	FALSE
-0,072	0,321	-0,003	0,011	0,090	FALSE

0,138	0,308	0,004	0,010	0,174	FALSE
0,118	0,310	0,004	0,010	0,152	FALSE
-0,131	0,302	-0,005	0,011	0,166	FALSE
-0,137	0,308	-0,005	0,011	0,173	FALSE
-0,045	0,307	-0,001	0,007	0,026	FALSE
-0,123	0,294	-0,004	0,011	0,148	FALSE
-0,030	0,308	-0,001	0,009	0,055	FALSE
-0,137	0,299	-0,005	0,011	0,166	FALSE
-0,138	0,300	-0,005	0,011	0,174	FALSE
0,210	0,297	0,007	0,010	0,314	FALSE
-0,106	0,313	-0,003	0,011	0,118	FALSE
-0,116	0,301	-0,003	0,009	0,124	FALSE
-0,099	0,306	-0,003	0,010	0,124	FALSE
-0,031	0,287	-0,001	0,011	0,042	FALSE
0,041	0,315	0,002	0,010	0,061	FALSE
0,113	0,301	0,004	0,012	0,146	FALSE
-0,056	0,316	-0,002	0,007	0,108	FALSE
-0,076	0,303	-0,002	0,008	0,111	FALSE
0,062	0,304	0,001	0,008	0,066	FALSE
-0,187	0,297	-0,007	0,011	0,286	FALSE
0,075	0,309	0,003	0,013	0,085	FALSE
0,133	0,305	0,005	0,013	0,173	FALSE
0,136	0,300	0,003	0,007	0,175	FALSE
-0,055	0,303	-0,002	0,011	0,082	FALSE
-0,021	0,319	0,000	0,013	0,001	FALSE
-0,025	0,295	-0,001	0,007	0,034	FALSE
0,055	0,316	0,001	0,013	0,041	FALSE
0,062	0,290	0,002	0,010	0,057	FALSE
0,028	0,304	0,001	0,007	0,069	FALSE
0,023	0,310	0,001	0,011	0,022	FALSE
0,019	0,315	0,000	0,010	0,015	FALSE
0,051	0,320	0,001	0,007	0,064	FALSE
0,164	0,297	0,007	0,012	0,282	FALSE
0,147	0,303	0,006	0,012	0,204	FALSE
0,138	0,303	0,005	0,011	0,206	FALSE
-0,119	0,298	-0,005	0,012	0,161	FALSE
0,078	0,302	0,003	0,010	0,108	FALSE
-0,119	0,315	-0,005	0,013	0,166	FALSE
-0,012	0,310	0,000	0,008	0,021	FALSE
0,053	0,294	0,001	0,009	0,060	FALSE
-0,031	0,306	-0,001	0,010	0,024	FALSE
0,070	0,314	0,002	0,008	0,106	FALSE
0,072	0,310	0,004	0,013	0,132	FALSE
-0,062	0,321	-0,002	0,007	0,093	FALSE
0,069	0,303	0,004	0,012	0,127	FALSE
-0,052	0,306	-0,002	0,010	0,061	FALSE
-0,030	0,304	0,000	0,009	0,012	FALSE
-0,011	0,309	0,000	0,006	0,005	FALSE
-0,058	0,313	-0,002	0,010	0,062	FALSE
-0,046	0,310	-0,001	0,010	0,049	FALSE
-0,042	0,322	-0,001	0,011	0,037	FALSE
-0,003	0,307	-0,001	0,011	0,027	FALSE
-0,035	0,311	-0,001	0,008	0,036	FALSE

0,006	0,311	0,001	0,009	0,032	FALSE
-0,164	0,306	-0,004	0,007	0,225	FALSE
-0,048	0,309	-0,001	0,012	0,031	FALSE
0,138	0,305	0,005	0,010	0,198	FALSE
-0,003	0,313	0,000	0,008	0,013	FALSE
0,021	0,299	0,002	0,010	0,062	FALSE
0,005	0,307	0,001	0,012	0,040	FALSE
0,002	0,306	0,000	0,010	0,012	FALSE
-0,088	0,305	-0,004	0,012	0,148	FALSE
-0,117	0,319	-0,003	0,007	0,159	FALSE
0,009	0,318	0,000	0,011	0,005	FALSE
-0,007	0,321	0,000	0,009	0,006	FALSE
-0,044	0,323	-0,001	0,007	0,076	FALSE
0,026	0,309	0,001	0,010	0,048	FALSE
0,051	0,302	0,002	0,009	0,081	FALSE
-0,005	0,307	-0,001	0,006	0,032	FALSE
0,086	0,307	0,002	0,008	0,085	FALSE
0,031	0,317	0,001	0,008	0,064	FALSE
-0,040	0,297	-0,002	0,008	0,083	FALSE
-0,054	0,310	-0,002	0,008	0,075	FALSE
0,146	0,296	0,006	0,012	0,219	FALSE
-0,017	0,317	-0,001	0,012	0,021	FALSE
0,035	0,325	0,001	0,012	0,027	FALSE
0,206	0,306	0,010	0,013	0,347	FALSE
0,194	0,288	0,006	0,009	0,319	FALSE
-0,079	0,293	-0,003	0,011	0,090	FALSE
-0,259	0,297	-0,009	0,010	0,398	FALSE
-0,033	0,303	0,000	0,008	0,013	FALSE
0,171	0,284	0,005	0,009	0,248	FALSE
0,134	0,298	0,004	0,010	0,157	FALSE
0,126	0,291	0,004	0,009	0,170	FALSE
-0,186	0,289	-0,004	0,006	0,270	FALSE
0,135	0,307	0,006	0,012	0,191	FALSE
-0,168	0,313	-0,004	0,007	0,218	FALSE
-0,145	0,309	-0,003	0,007	0,188	FALSE
0,048	0,328	0,001	0,009	0,038	FALSE
-0,169	0,304	-0,004	0,008	0,229	FALSE
-0,146	0,306	-0,004	0,007	0,205	FALSE
-0,162	0,302	-0,005	0,008	0,237	FALSE
0,083	0,309	0,002	0,009	0,100	FALSE
0,088	0,317	0,002	0,009	0,099	FALSE
0,122	0,300	0,003	0,009	0,147	FALSE
0,088	0,307	0,003	0,009	0,105	FALSE
0,090	0,297	0,003	0,012	0,111	FALSE
0,127	0,301	0,005	0,012	0,160	FALSE
-0,049	0,303	-0,001	0,012	0,026	FALSE
0,039	0,305	0,000	0,006	0,022	FALSE
0,210	0,294	0,004	0,007	0,260	FALSE
0,168	0,294	0,006	0,012	0,198	FALSE
-0,128	0,299	-0,002	0,006	0,137	FALSE
0,018	0,307	0,000	0,011	0,007	FALSE
0,000	0,307	0,000	0,011	0,007	FALSE
0,019	0,315	0,001	0,007	0,030	FALSE

-0,076	0,320	-0,002	0,007	0,104	FALSE
0,094	0,312	0,002	0,007	0,120	FALSE
-0,107	0,307	-0,003	0,012	0,103	FALSE
-0,124	0,295	-0,003	0,007	0,180	FALSE
-0,029	0,307	0,000	0,010	0,014	FALSE
-0,122	0,294	-0,004	0,010	0,186	FALSE
0,091	0,305	0,003	0,011	0,099	FALSE
0,008	0,305	0,000	0,013	0,010	FALSE
0,063	0,289	0,003	0,009	0,105	FALSE
-0,078	0,316	-0,002	0,007	0,107	FALSE
0,165	0,300	0,008	0,013	0,282	TRUE
0,147	0,298	0,003	0,008	0,182	FALSE
0,124	0,314	0,003	0,008	0,164	FALSE
-0,118	0,311	-0,003	0,008	0,149	FALSE
0,022	0,312	0,001	0,012	0,034	FALSE
0,052	0,303	0,002	0,012	0,069	FALSE
-0,010	0,299	0,000	0,012	0,006	FALSE
-0,025	0,308	-0,001	0,011	0,026	FALSE
-0,042	0,303	-0,001	0,010	0,039	FALSE
0,009	0,309	0,001	0,011	0,022	FALSE
-0,047	0,306	-0,002	0,012	0,072	FALSE
0,049	0,315	0,002	0,013	0,054	FALSE
0,001	0,305	0,000	0,009	0,008	FALSE
-0,021	0,316	0,000	0,007	0,023	FALSE
-0,084	0,289	-0,003	0,011	0,095	FALSE
-0,077	0,299	-0,003	0,012	0,094	FALSE
-0,061	0,301	-0,002	0,009	0,076	FALSE
-0,057	0,303	-0,001	0,010	0,041	FALSE
-0,238	0,300	-0,011	0,013	0,411	FALSE
-0,162	0,319	-0,005	0,011	0,210	FALSE
0,053	0,305	0,002	0,009	0,109	FALSE
0,075	0,300	0,002	0,012	0,062	FALSE
0,128	0,323	0,003	0,009	0,131	FALSE
-0,034	0,309	-0,002	0,013	0,047	FALSE
-0,053	0,309	-0,002	0,012	0,070	FALSE
0,146	0,313	0,004	0,010	0,175	FALSE
-0,013	0,301	-0,001	0,012	0,027	FALSE
-0,040	0,300	-0,001	0,006	0,053	FALSE
-0,084	0,303	-0,002	0,012	0,072	FALSE
-0,071	0,294	-0,003	0,011	0,084	FALSE
-0,125	0,310	-0,004	0,009	0,165	FALSE
0,148	0,302	0,004	0,007	0,221	FALSE
0,033	0,313	0,001	0,011	0,047	FALSE
0,077	0,286	0,002	0,007	0,113	FALSE
0,127	0,304	0,004	0,010	0,143	FALSE
0,097	0,282	0,003	0,007	0,146	FALSE
0,087	0,291	0,002	0,007	0,132	FALSE
-0,207	0,297	-0,004	0,007	0,283	FALSE
-0,070	0,306	-0,002	0,010	0,071	FALSE
-0,084	0,318	-0,003	0,010	0,092	FALSE
-0,144	0,303	-0,005	0,010	0,200	FALSE
0,158	0,301	0,003	0,006	0,200	FALSE
-0,034	0,297	-0,001	0,008	0,057	FALSE

0,017	0,300	0,002	0,011	0,070	FALSE
0,014	0,287	0,002	0,011	0,066	FALSE
-0,114	0,308	-0,004	0,011	0,138	FALSE
-0,096	0,307	-0,002	0,006	0,120	FALSE
-0,147	0,313	-0,004	0,007	0,200	FALSE
-0,234	0,289	-0,009	0,011	0,395	FALSE
-0,096	0,288	-0,004	0,011	0,172	FALSE
-0,045	0,308	0,000	0,007	0,024	FALSE
-0,078	0,301	-0,004	0,011	0,140	FALSE
0,027	0,311	0,001	0,013	0,023	FALSE
0,028	0,300	0,001	0,010	0,054	FALSE
0,022	0,320	0,002	0,010	0,070	FALSE
-0,005	0,305	0,000	0,009	0,006	FALSE
0,194	0,303	0,005	0,009	0,279	FALSE
-0,049	0,313	-0,001	0,007	0,075	FALSE
0,047	0,304	0,002	0,008	0,076	FALSE
0,037	0,292	0,001	0,008	0,044	FALSE
0,046	0,314	0,001	0,012	0,022	FALSE
-0,050	0,310	-0,001	0,008	0,064	FALSE
-0,146	0,302	-0,004	0,010	0,187	FALSE
0,000	0,313	-0,001	0,012	0,022	FALSE
0,031	0,315	0,000	0,010	0,010	FALSE
0,017	0,315	0,001	0,012	0,024	FALSE
-0,017	0,306	-0,001	0,008	0,034	FALSE
-0,031	0,317	-0,001	0,010	0,023	FALSE
0,001	0,314	-0,001	0,012	0,020	FALSE
0,042	0,302	0,002	0,007	0,078	FALSE
-0,005	0,305	0,000	0,012	0,006	FALSE
0,057	0,309	0,003	0,012	0,091	FALSE
0,041	0,308	0,003	0,011	0,091	FALSE
-0,081	0,316	-0,004	0,011	0,138	FALSE
-0,030	0,324	0,000	0,012	0,004	FALSE
-0,035	0,311	-0,002	0,011	0,062	FALSE
0,029	0,306	0,002	0,011	0,056	FALSE
0,010	0,310	0,001	0,012	0,038	FALSE
-0,049	0,318	-0,002	0,010	0,063	FALSE
0,039	0,300	0,001	0,009	0,042	FALSE
-0,066	0,313	-0,003	0,013	0,104	FALSE
0,064	0,312	0,002	0,008	0,093	FALSE
-0,135	0,312	-0,004	0,009	0,193	FALSE
0,085	0,296	0,002	0,007	0,086	FALSE
0,096	0,302	0,003	0,009	0,146	FALSE
0,069	0,316	0,002	0,008	0,079	FALSE
0,063	0,302	0,003	0,009	0,131	FALSE
-0,068	0,308	-0,002	0,008	0,111	FALSE
0,008	0,315	0,000	0,010	0,013	FALSE
0,018	0,311	0,000	0,009	0,010	FALSE
-0,035	0,314	-0,001	0,008	0,044	FALSE
0,010	0,289	0,000	0,008	0,020	FALSE
0,020	0,311	0,001	0,010	0,038	FALSE
0,051	0,296	0,002	0,009	0,074	FALSE
-0,047	0,310	-0,001	0,007	0,037	FALSE
-0,051	0,323	-0,002	0,009	0,071	FALSE

0,058	0,292	0,002	0,012	0,057	FALSE
-0,027	0,320	-0,001	0,008	0,038	FALSE
0,151	0,281	0,006	0,012	0,233	FALSE
0,156	0,294	0,007	0,011	0,257	FALSE
0,150	0,296	0,007	0,012	0,242	FALSE
-0,026	0,310	-0,001	0,009	0,043	FALSE
0,036	0,309	0,002	0,012	0,066	FALSE
0,065	0,318	0,002	0,008	0,074	FALSE
0,045	0,315	0,001	0,010	0,048	FALSE
0,136	0,296	0,005	0,011	0,187	FALSE
-0,010	0,301	0,001	0,012	0,015	FALSE
0,052	0,307	0,001	0,009	0,037	FALSE
-0,051	0,296	-0,001	0,006	0,043	FALSE
0,011	0,325	0,001	0,013	0,023	FALSE
-0,023	0,307	-0,001	0,011	0,021	FALSE
-0,076	0,304	-0,002	0,007	0,094	FALSE
0,055	0,307	0,002	0,010	0,063	FALSE
0,001	0,311	0,000	0,012	0,001	FALSE
0,018	0,304	0,000	0,006	0,018	FALSE
0,130	0,305	0,004	0,011	0,155	FALSE
-0,063	0,294	-0,001	0,006	0,073	FALSE
-0,038	0,312	-0,001	0,006	0,067	FALSE
0,005	0,297	0,001	0,010	0,035	FALSE
-0,122	0,297	-0,003	0,006	0,165	FALSE
-0,307	0,282	-0,008	0,008	0,512	FALSE
-0,042	0,322	-0,002	0,009	0,060	FALSE
0,093	0,299	0,004	0,012	0,141	FALSE
0,006	0,316	0,000	0,013	0,006	FALSE
0,040	0,307	0,001	0,007	0,071	FALSE
0,045	0,314	0,002	0,013	0,053	FALSE
-0,004	0,300	0,000	0,010	0,008	FALSE
-0,074	0,309	-0,003	0,008	0,127	FALSE
-0,114	0,304	-0,003	0,007	0,160	FALSE
-0,183	0,292	-0,005	0,008	0,276	FALSE
-0,180	0,298	-0,006	0,009	0,304	FALSE
-0,105	0,324	-0,003	0,009	0,140	FALSE
-0,140	0,302	-0,004	0,010	0,190	FALSE
-0,061	0,308	-0,002	0,007	0,082	FALSE
-0,020	0,325	-0,001	0,007	0,046	FALSE
-0,061	0,314	-0,002	0,007	0,095	FALSE
-0,056	0,316	-0,001	0,007	0,065	FALSE
-0,074	0,307	-0,002	0,007	0,084	FALSE
0,015	0,317	0,001	0,013	0,019	FALSE
-0,059	0,308	-0,002	0,007	0,090	FALSE
0,046	0,314	0,001	0,009	0,049	FALSE
-0,025	0,306	0,000	0,008	0,008	FALSE
-0,087	0,299	-0,003	0,008	0,154	FALSE
-0,155	0,293	-0,003	0,007	0,214	FALSE
0,016	0,308	0,000	0,008	0,002	FALSE
0,059	0,299	0,002	0,009	0,088	FALSE
0,001	0,310	0,000	0,012	0,008	FALSE
0,014	0,326	0,000	0,010	0,006	FALSE
-0,021	0,304	-0,001	0,011	0,036	FALSE

0,119	0,295	0,004	0,008	0,184	FALSE
-0,229	0,293	-0,009	0,013	0,345	FALSE
0,021	0,307	-0,001	0,013	0,014	FALSE
0,124	0,306	0,002	0,006	0,151	FALSE
-0,198	0,278	-0,007	0,010	0,325	FALSE
-0,036	0,305	-0,001	0,010	0,028	FALSE
0,054	0,310	0,001	0,008	0,029	FALSE
0,051	0,294	0,002	0,012	0,068	FALSE
0,107	0,298	0,004	0,010	0,167	FALSE
0,185	0,294	0,007	0,012	0,266	FALSE
-0,057	0,298	-0,001	0,007	0,081	FALSE
-0,035	0,316	-0,001	0,007	0,033	FALSE
0,022	0,309	0,000	0,007	0,015	FALSE
-0,146	0,305	-0,004	0,008	0,200	FALSE
-0,141	0,306	-0,004	0,008	0,207	FALSE
0,093	0,312	0,002	0,010	0,082	FALSE
0,014	0,308	0,000	0,011	0,015	FALSE
-0,048	0,302	-0,001	0,008	0,056	FALSE
-0,065	0,320	-0,001	0,007	0,042	FALSE
-0,115	0,309	-0,002	0,008	0,122	FALSE
0,001	0,323	0,000	0,007	0,003	FALSE
0,158	0,301	0,004	0,009	0,183	FALSE
-0,058	0,312	-0,002	0,009	0,070	FALSE
0,004	0,324	0,000	0,011	0,011	FALSE
-0,132	0,309	-0,006	0,013	0,188	FALSE
-0,054	0,307	-0,002	0,007	0,091	FALSE
-0,029	0,315	0,000	0,007	0,005	FALSE
-0,113	0,316	-0,004	0,010	0,161	FALSE
-0,124	0,310	-0,005	0,011	0,170	FALSE
-0,106	0,297	-0,002	0,008	0,107	FALSE
-0,085	0,306	-0,002	0,008	0,083	FALSE
-0,102	0,316	-0,002	0,008	0,098	FALSE
-0,075	0,309	-0,002	0,008	0,070	FALSE
-0,083	0,314	-0,002	0,008	0,070	FALSE
-0,094	0,316	-0,002	0,008	0,081	FALSE
-0,082	0,320	-0,002	0,008	0,078	FALSE
-0,054	0,307	-0,001	0,008	0,043	FALSE
-0,052	0,317	-0,002	0,007	0,086	FALSE
-0,043	0,308	-0,001	0,008	0,048	FALSE
-0,036	0,314	-0,001	0,012	0,027	FALSE
-0,106	0,311	-0,004	0,013	0,137	FALSE
-0,021	0,321	-0,001	0,008	0,041	FALSE
0,148	0,317	0,006	0,012	0,213	FALSE
0,179	0,290	0,007	0,011	0,262	FALSE
-0,058	0,312	-0,001	0,008	0,037	FALSE
-0,125	0,296	-0,004	0,010	0,154	FALSE
0,016	0,311	0,000	0,007	0,008	FALSE
0,026	0,314	0,001	0,011	0,027	FALSE
-0,075	0,320	-0,002	0,007	0,084	FALSE
-0,079	0,313	-0,002	0,007	0,103	FALSE
0,007	0,317	0,000	0,008	0,004	FALSE
-0,056	0,304	-0,001	0,006	0,070	FALSE
0,104	0,300	0,004	0,012	0,136	FALSE

0,040	0,294	0,001	0,009	0,028	FALSE
-0,076	0,316	-0,001	0,008	0,044	FALSE
-0,147	0,309	-0,004	0,008	0,200	FALSE
-0,009	0,315	0,000	0,010	0,012	FALSE
0,012	0,313	0,001	0,009	0,022	FALSE
0,002	0,314	0,000	0,011	0,013	FALSE
-0,074	0,302	-0,002	0,006	0,104	FALSE
0,059	0,281	0,003	0,011	0,099	FALSE
-0,072	0,296	-0,001	0,006	0,093	FALSE
0,052	0,311	0,002	0,013	0,045	FALSE
0,060	0,303	0,002	0,013	0,058	FALSE
0,041	0,299	0,001	0,007	0,050	FALSE
-0,011	0,296	0,000	0,008	0,002	FALSE
0,057	0,309	0,001	0,010	0,047	FALSE
0,077	0,310	0,002	0,010	0,083	FALSE
-0,131	0,304	-0,005	0,011	0,179	FALSE
0,104	0,303	0,003	0,007	0,172	FALSE
0,052	0,307	0,002	0,013	0,045	FALSE
-0,057	0,305	-0,002	0,010	0,066	FALSE
0,027	0,308	0,001	0,009	0,020	FALSE
0,081	0,307	0,002	0,007	0,128	FALSE
-0,061	0,299	-0,002	0,013	0,058	FALSE
0,025	0,306	0,000	0,012	0,011	FALSE
-0,007	0,313	-0,001	0,011	0,016	FALSE
-0,148	0,304	-0,006	0,012	0,195	FALSE
-0,216	0,288	-0,009	0,012	0,310	FALSE
0,098	0,314	0,003	0,010	0,123	FALSE
-0,117	0,314	-0,003	0,007	0,181	FALSE
0,158	0,296	0,003	0,006	0,228	FALSE
0,140	0,285	0,003	0,006	0,201	FALSE
-0,166	0,315	-0,006	0,012	0,227	FALSE
-0,107	0,290	-0,005	0,013	0,144	FALSE
-0,005	0,299	0,000	0,006	0,025	FALSE
-0,049	0,312	-0,001	0,011	0,045	FALSE
0,097	0,291	0,002	0,006	0,115	FALSE
0,092	0,310	0,003	0,013	0,099	FALSE
0,098	0,313	0,004	0,013	0,108	FALSE
0,023	0,311	0,000	0,010	0,005	FALSE
-0,040	0,310	-0,001	0,009	0,054	FALSE
-0,089	0,308	-0,003	0,009	0,126	FALSE
-0,038	0,312	-0,001	0,009	0,033	FALSE
0,214	0,288	0,005	0,007	0,354	FALSE
0,037	0,309	0,002	0,007	0,086	FALSE
-0,002	0,309	0,000	0,012	0,006	FALSE
0,035	0,316	0,002	0,013	0,045	FALSE
0,005	0,305	0,001	0,007	0,027	FALSE
0,064	0,313	0,003	0,013	0,086	FALSE
0,014	0,311	0,001	0,009	0,035	FALSE
0,028	0,306	0,001	0,010	0,028	FALSE
-0,054	0,308	-0,001	0,007	0,045	FALSE
-0,117	0,305	-0,005	0,012	0,157	FALSE
0,108	0,293	0,005	0,010	0,214	FALSE
0,098	0,300	0,004	0,010	0,182	FALSE

0,070	0,318	0,002	0,012	0,060	FALSE
-0,043	0,313	-0,002	0,009	0,081	FALSE
-0,005	0,309	-0,001	0,010	0,021	FALSE
0,115	0,306	0,003	0,009	0,145	FALSE
-0,192	0,304	-0,005	0,008	0,269	FALSE
-0,156	0,315	-0,005	0,011	0,203	FALSE
-0,034	0,312	-0,002	0,010	0,064	FALSE
-0,094	0,301	-0,004	0,013	0,119	FALSE
0,002	0,292	0,001	0,007	0,032	FALSE
-0,083	0,302	-0,004	0,012	0,128	FALSE
-0,157	0,293	-0,004	0,008	0,205	FALSE
0,117	0,316	0,002	0,008	0,115	FALSE
-0,048	0,292	-0,002	0,010	0,053	FALSE
-0,039	0,311	-0,001	0,010	0,041	FALSE
-0,012	0,302	0,000	0,012	0,009	FALSE
-0,017	0,294	0,000	0,008	0,008	FALSE
0,170	0,296	0,003	0,006	0,258	FALSE
-0,108	0,309	-0,002	0,007	0,129	FALSE
-0,091	0,308	-0,002	0,007	0,117	FALSE
-0,040	0,294	-0,001	0,009	0,034	FALSE
-0,085	0,288	-0,002	0,009	0,095	FALSE
0,080	0,300	0,002	0,009	0,080	FALSE
0,000	0,311	0,000	0,010	0,014	FALSE
0,045	0,306	0,002	0,012	0,073	FALSE
0,120	0,308	0,005	0,013	0,155	FALSE
0,128	0,297	0,003	0,007	0,154	FALSE
0,097	0,312	0,002	0,008	0,100	FALSE
0,169	0,305	0,003	0,006	0,218	FALSE
-0,056	0,308	-0,001	0,009	0,052	FALSE
0,176	0,301	0,004	0,006	0,293	FALSE
0,096	0,313	0,003	0,007	0,160	FALSE
-0,021	0,314	-0,001	0,008	0,043	FALSE
-0,005	0,291	0,000	0,012	0,012	FALSE
0,015	0,316	0,001	0,011	0,030	FALSE
0,084	0,308	0,003	0,011	0,099	FALSE
0,047	0,312	0,002	0,011	0,084	FALSE
-0,091	0,314	-0,004	0,013	0,137	FALSE
0,076	0,299	0,003	0,010	0,093	FALSE
0,063	0,310	0,002	0,011	0,070	FALSE
-0,019	0,310	0,000	0,008	0,015	FALSE
-0,046	0,295	-0,001	0,009	0,026	FALSE
-0,085	0,297	-0,002	0,007	0,107	FALSE
-0,124	0,307	-0,003	0,009	0,127	FALSE
0,143	0,305	0,003	0,007	0,210	FALSE
-0,030	0,290	-0,001	0,007	0,041	FALSE
-0,155	0,294	-0,006	0,012	0,197	FALSE
-0,023	0,319	0,000	0,007	0,002	FALSE
-0,105	0,320	-0,002	0,007	0,120	FALSE
-0,051	0,311	-0,003	0,012	0,084	FALSE
0,094	0,307	0,002	0,008	0,105	FALSE
-0,099	0,311	-0,003	0,010	0,118	FALSE
-0,030	0,312	-0,001	0,007	0,034	FALSE
0,077	0,317	0,003	0,012	0,086	FALSE

-0,066	0,324	-0,002	0,009	0,079	FALSE
-0,024	0,304	-0,001	0,009	0,046	FALSE
0,035	0,308	0,001	0,008	0,039	FALSE
0,005	0,308	0,000	0,006	0,004	FALSE
0,025	0,305	0,002	0,011	0,066	FALSE
0,021	0,321	0,002	0,012	0,053	FALSE
0,040	0,297	0,002	0,009	0,070	FALSE
-0,004	0,296	0,000	0,007	0,024	FALSE
0,050	0,295	0,001	0,012	0,036	FALSE
0,019	0,296	0,000	0,012	0,001	FALSE
0,090	0,303	0,002	0,007	0,116	FALSE
0,039	0,317	0,001	0,006	0,035	FALSE
0,033	0,308	0,000	0,007	0,014	FALSE
0,020	0,310	0,000	0,007	0,000	FALSE
-0,043	0,310	-0,002	0,008	0,084	FALSE
0,079	0,313	0,003	0,012	0,101	FALSE
0,051	0,300	0,002	0,010	0,068	FALSE
-0,027	0,312	-0,001	0,010	0,028	FALSE
0,036	0,310	0,002	0,008	0,098	FALSE
-0,089	0,313	-0,002	0,007	0,094	FALSE
0,015	0,310	0,000	0,013	0,011	FALSE
0,012	0,298	0,000	0,011	0,010	FALSE
0,006	0,315	0,000	0,012	0,011	FALSE
0,006	0,294	0,001	0,009	0,027	FALSE
-0,027	0,315	-0,001	0,008	0,061	FALSE
-0,056	0,314	-0,002	0,011	0,076	FALSE
-0,191	0,295	-0,004	0,007	0,260	FALSE
-0,074	0,302	-0,003	0,011	0,103	FALSE
-0,003	0,309	0,000	0,007	0,002	FALSE
-0,016	0,301	-0,001	0,012	0,028	FALSE
-0,083	0,310	-0,002	0,009	0,100	FALSE
-0,071	0,303	-0,002	0,008	0,111	FALSE
0,155	0,302	0,005	0,009	0,229	FALSE
0,085	0,297	0,002	0,007	0,110	FALSE
-0,143	0,305	-0,004	0,008	0,204	FALSE
-0,039	0,315	-0,002	0,011	0,083	FALSE
0,017	0,308	0,002	0,010	0,064	FALSE
-0,002	0,304	-0,001	0,012	0,040	FALSE
0,044	0,307	0,000	0,011	0,005	FALSE
0,059	0,313	0,002	0,007	0,086	FALSE
0,069	0,312	0,002	0,009	0,108	FALSE
-0,052	0,318	-0,001	0,006	0,073	FALSE
0,053	0,317	0,001	0,008	0,070	FALSE
0,162	0,303	0,005	0,011	0,197	FALSE
-0,076	0,309	-0,002	0,007	0,084	FALSE
0,029	0,301	0,001	0,007	0,031	FALSE
-0,075	0,308	-0,002	0,012	0,071	FALSE
0,059	0,300	0,002	0,011	0,054	FALSE
0,019	0,306	0,000	0,013	0,004	FALSE
-0,006	0,296	-0,001	0,012	0,037	FALSE
0,123	0,310	0,003	0,011	0,122	FALSE
-0,049	0,301	-0,001	0,012	0,033	FALSE
-0,037	0,300	-0,001	0,012	0,026	FALSE

0,015	0,310	0,000	0,006	0,015	FALSE
0,039	0,317	0,001	0,013	0,035	FALSE
-0,058	0,312	-0,002	0,012	0,066	FALSE
0,067	0,299	0,002	0,006	0,097	FALSE
-0,085	0,306	-0,004	0,013	0,116	FALSE
-0,079	0,300	-0,002	0,007	0,098	FALSE
-0,100	0,300	-0,004	0,010	0,137	FALSE
-0,221	0,283	-0,006	0,007	0,389	FALSE
0,093	0,313	0,003	0,010	0,121	FALSE
0,075	0,317	0,001	0,007	0,072	FALSE
0,065	0,305	0,002	0,007	0,097	FALSE
0,072	0,290	0,002	0,007	0,089	FALSE
-0,030	0,291	-0,001	0,007	0,071	FALSE
0,019	0,322	0,001	0,008	0,034	FALSE
0,038	0,310	0,001	0,011	0,039	FALSE
-0,015	0,316	0,000	0,011	0,001	FALSE
-0,073	0,312	-0,002	0,007	0,110	FALSE
-0,073	0,302	-0,002	0,007	0,080	FALSE
-0,103	0,330	-0,002	0,008	0,122	FALSE
-0,135	0,311	-0,003	0,008	0,151	FALSE
-0,075	0,308	-0,002	0,009	0,096	FALSE
-0,025	0,312	-0,001	0,008	0,035	FALSE
0,114	0,307	0,003	0,009	0,126	FALSE
-0,106	0,294	-0,004	0,011	0,156	FALSE
0,121	0,289	0,002	0,006	0,164	FALSE
0,072	0,314	0,002	0,010	0,080	FALSE
-0,018	0,307	0,000	0,010	0,004	FALSE
-0,069	0,304	-0,002	0,008	0,076	FALSE
-0,083	0,310	-0,002	0,008	0,081	FALSE
0,127	0,305	0,005	0,010	0,217	FALSE
0,017	0,304	0,001	0,007	0,047	FALSE
-0,082	0,303	-0,003	0,011	0,096	FALSE
-0,017	0,318	-0,001	0,012	0,036	FALSE
0,084	0,309	0,003	0,011	0,096	FALSE
0,085	0,313	0,002	0,007	0,112	FALSE
0,083	0,307	0,002	0,006	0,107	FALSE
0,070	0,314	0,001	0,007	0,080	FALSE
0,145	0,308	0,004	0,009	0,159	FALSE
-0,022	0,305	-0,001	0,006	0,062	FALSE
-0,116	0,318	-0,004	0,012	0,138	FALSE
-0,130	0,309	-0,003	0,007	0,148	FALSE
0,042	0,305	0,001	0,008	0,047	FALSE
0,098	0,333	0,003	0,009	0,138	FALSE
-0,046	0,317	-0,001	0,007	0,040	FALSE
-0,129	0,293	-0,003	0,006	0,171	FALSE
-0,090	0,292	-0,002	0,006	0,125	FALSE
0,100	0,307	0,002	0,008	0,123	FALSE
0,082	0,324	0,003	0,010	0,101	FALSE
-0,012	0,298	0,000	0,008	0,014	FALSE
-0,074	0,293	-0,002	0,007	0,100	FALSE
-0,050	0,315	-0,002	0,011	0,070	FALSE
0,086	0,302	0,002	0,007	0,116	FALSE
-0,193	0,290	-0,008	0,012	0,307	FALSE

-0,109	0,293	-0,003	0,010	0,116	FALSE
-0,208	0,307	-0,008	0,012	0,300	FALSE
-0,146	0,310	-0,005	0,010	0,208	FALSE
-0,153	0,308	-0,005	0,009	0,209	FALSE
-0,089	0,304	-0,002	0,006	0,126	FALSE
0,125	0,304	0,004	0,010	0,166	FALSE
-0,082	0,316	-0,002	0,009	0,097	FALSE
-0,095	0,291	-0,002	0,007	0,134	FALSE
-0,029	0,307	-0,001	0,007	0,033	FALSE
0,021	0,323	0,000	0,013	0,011	FALSE
0,054	0,296	0,002	0,008	0,077	FALSE
-0,092	0,317	-0,002	0,009	0,090	FALSE
-0,018	0,306	0,000	0,007	0,003	FALSE
0,053	0,304	0,002	0,007	0,075	FALSE
-0,034	0,288	-0,002	0,012	0,048	FALSE
-0,013	0,301	0,000	0,011	0,005	FALSE
-0,025	0,317	0,000	0,010	0,003	FALSE
-0,005	0,303	0,000	0,006	0,010	FALSE
0,142	0,316	0,004	0,010	0,182	FALSE
-0,115	0,303	-0,004	0,013	0,118	FALSE
0,058	0,314	0,002	0,012	0,069	FALSE
0,114	0,293	0,004	0,011	0,153	FALSE
-0,104	0,310	-0,003	0,009	0,157	FALSE
-0,020	0,303	-0,001	0,012	0,017	FALSE
0,135	0,294	0,003	0,007	0,178	FALSE
-0,052	0,306	-0,001	0,006	0,043	FALSE
-0,038	0,297	-0,003	0,010	0,098	FALSE
-0,013	0,316	0,000	0,009	0,008	FALSE
-0,050	0,303	-0,002	0,009	0,096	FALSE
0,089	0,314	0,003	0,010	0,109	FALSE
-0,059	0,297	-0,002	0,008	0,096	FALSE
-0,004	0,303	0,000	0,009	0,008	FALSE
0,011	0,318	0,000	0,010	0,015	FALSE
-0,023	0,303	-0,001	0,009	0,048	FALSE
-0,049	0,302	-0,001	0,008	0,033	FALSE
-0,156	0,306	-0,006	0,012	0,212	FALSE
-0,152	0,297	-0,006	0,012	0,199	FALSE
-0,121	0,295	-0,004	0,011	0,164	FALSE
-0,159	0,306	-0,007	0,012	0,243	FALSE
-0,039	0,316	-0,001	0,007	0,040	FALSE
0,092	0,309	0,004	0,012	0,120	FALSE
-0,007	0,285	0,000	0,011	0,011	FALSE
-0,010	0,305	0,000	0,011	0,004	FALSE
-0,038	0,309	-0,001	0,012	0,037	FALSE
0,145	0,312	0,004	0,008	0,200	FALSE
0,012	0,298	0,001	0,008	0,045	FALSE
-0,010	0,309	0,000	0,008	0,013	FALSE
-0,073	0,292	-0,002	0,007	0,090	FALSE
-0,026	0,328	-0,001	0,009	0,028	FALSE
-0,047	0,316	-0,002	0,012	0,059	FALSE
0,033	0,289	0,002	0,012	0,060	FALSE
-0,082	0,311	-0,002	0,012	0,079	FALSE
0,050	0,322	0,002	0,011	0,070	FALSE

0,065	0,315	0,002	0,007	0,098	FALSE
0,099	0,304	0,004	0,012	0,142	FALSE
0,000	0,299	0,000	0,007	0,020	FALSE
-0,006	0,321	-0,001	0,010	0,029	FALSE
0,014	0,314	0,001	0,011	0,021	FALSE
0,061	0,312	0,002	0,010	0,085	FALSE
-0,016	0,310	-0,001	0,012	0,034	FALSE
0,104	0,303	0,005	0,012	0,156	FALSE
-0,014	0,313	0,000	0,009	0,005	FALSE
0,031	0,308	0,001	0,008	0,041	FALSE
0,143	0,300	0,006	0,012	0,199	FALSE
0,000	0,311	0,000	0,007	0,017	FALSE
-0,054	0,302	-0,001	0,007	0,070	FALSE
0,116	0,290	0,006	0,013	0,185	FALSE
0,106	0,300	0,003	0,007	0,132	FALSE
-0,065	0,322	-0,002	0,008	0,083	FALSE
-0,041	0,305	-0,001	0,009	0,046	FALSE
-0,070	0,310	-0,002	0,009	0,063	FALSE
-0,032	0,309	-0,001	0,007	0,039	FALSE
-0,055	0,309	-0,002	0,008	0,067	FALSE
-0,190	0,298	-0,008	0,012	0,274	FALSE
-0,207	0,308	-0,008	0,011	0,303	FALSE
-0,086	0,306	-0,002	0,013	0,071	FALSE
0,025	0,296	0,001	0,012	0,021	FALSE
0,057	0,308	0,002	0,012	0,050	FALSE
0,054	0,310	0,002	0,013	0,051	FALSE
0,023	0,308	0,001	0,010	0,023	FALSE
0,125	0,308	0,004	0,009	0,183	FALSE
-0,172	0,299	-0,005	0,010	0,214	FALSE
-0,050	0,319	-0,002	0,011	0,059	FALSE
0,038	0,313	0,002	0,010	0,069	FALSE
0,006	0,310	0,000	0,006	0,011	FALSE
-0,035	0,319	-0,002	0,011	0,055	FALSE
0,023	0,304	0,000	0,007	0,016	FALSE
-0,043	0,321	-0,001	0,008	0,046	FALSE
-0,068	0,307	-0,003	0,013	0,084	FALSE
-0,009	0,309	0,000	0,008	0,013	FALSE
-0,136	0,313	-0,003	0,008	0,177	FALSE
0,070	0,313	0,002	0,008	0,084	FALSE
-0,067	0,314	-0,003	0,012	0,107	FALSE
0,041	0,301	0,001	0,007	0,047	FALSE
-0,042	0,308	-0,001	0,010	0,018	FALSE
-0,004	0,303	0,000	0,011	0,013	FALSE
0,033	0,304	0,001	0,012	0,028	FALSE
0,008	0,300	0,001	0,012	0,030	FALSE
0,071	0,306	0,002	0,010	0,087	FALSE
0,112	0,304	0,003	0,009	0,143	FALSE
0,036	0,321	0,002	0,013	0,046	FALSE
-0,017	0,301	-0,001	0,010	0,030	FALSE
-0,056	0,293	-0,002	0,009	0,076	FALSE
0,080	0,311	0,003	0,009	0,124	FALSE
0,062	0,300	0,002	0,009	0,081	FALSE
0,056	0,298	0,003	0,012	0,103	FALSE

-0,093	0,307	-0,002	0,007	0,115	FALSE
-0,123	0,302	-0,006	0,011	0,220	FALSE
0,082	0,309	0,005	0,013	0,142	FALSE
0,151	0,307	0,004	0,009	0,182	FALSE
-0,154	0,286	-0,007	0,010	0,298	FALSE
-0,018	0,317	-0,001	0,013	0,038	FALSE
0,069	0,292	0,003	0,011	0,111	FALSE
0,069	0,294	0,003	0,011	0,114	FALSE
0,032	0,319	0,002	0,008	0,083	FALSE
0,148	0,306	0,004	0,007	0,228	FALSE
-0,016	0,302	0,000	0,009	0,014	FALSE
0,173	0,294	0,007	0,012	0,240	FALSE
0,085	0,292	0,003	0,013	0,105	FALSE
0,053	0,297	0,002	0,012	0,060	FALSE
0,022	0,312	0,000	0,007	0,008	FALSE
0,097	0,314	0,003	0,012	0,105	FALSE
-0,078	0,298	-0,003	0,012	0,106	FALSE
-0,024	0,297	0,000	0,007	0,008	FALSE
0,060	0,314	0,002	0,012	0,078	FALSE
0,056	0,308	0,002	0,012	0,048	FALSE
0,063	0,305	0,002	0,007	0,098	FALSE
-0,034	0,314	-0,002	0,012	0,053	FALSE
-0,188	0,304	-0,006	0,010	0,241	FALSE
0,173	0,298	0,006	0,009	0,258	FALSE
0,113	0,305	0,002	0,007	0,122	FALSE
-0,033	0,324	-0,001	0,007	0,033	FALSE
0,069	0,301	0,002	0,009	0,073	FALSE
0,055	0,321	0,002	0,013	0,046	FALSE
0,089	0,302	0,002	0,009	0,104	FALSE
-0,162	0,297	-0,005	0,009	0,209	FALSE
0,016	0,306	-0,001	0,012	0,035	FALSE
-0,173	0,312	-0,005	0,010	0,204	FALSE
0,036	0,315	0,001	0,008	0,023	FALSE
-0,057	0,313	-0,002	0,009	0,099	FALSE
-0,110	0,304	-0,004	0,012	0,123	FALSE
-0,058	0,312	-0,002	0,009	0,078	FALSE
0,022	0,309	0,000	0,010	0,014	FALSE
0,075	0,274	0,003	0,012	0,104	FALSE
0,023	0,309	0,000	0,008	0,004	FALSE
0,003	0,291	0,001	0,010	0,023	FALSE
0,007	0,300	0,000	0,012	0,014	FALSE
0,012	0,311	0,000	0,007	0,002	FALSE
0,004	0,300	0,000	0,012	0,009	FALSE
0,012	0,310	0,000	0,009	0,005	FALSE
0,092	0,304	0,002	0,008	0,087	FALSE
-0,046	0,306	-0,002	0,010	0,060	FALSE
-0,010	0,303	-0,001	0,012	0,020	FALSE
-0,047	0,311	-0,002	0,012	0,074	FALSE
-0,030	0,296	-0,001	0,009	0,039	FALSE
-0,085	0,314	-0,002	0,010	0,070	FALSE
0,150	0,302	0,005	0,010	0,226	FALSE
-0,102	0,318	-0,003	0,011	0,092	FALSE
0,029	0,312	0,000	0,009	0,011	FALSE

0,104	0,293	0,003	0,010	0,129	FALSE
-0,036	0,311	-0,001	0,007	0,064	FALSE
-0,036	0,316	-0,001	0,007	0,063	FALSE
-0,095	0,298	-0,004	0,010	0,146	FALSE
0,013	0,297	0,000	0,009	0,009	FALSE
0,027	0,314	0,001	0,012	0,029	FALSE
-0,078	0,295	-0,001	0,009	0,052	FALSE
-0,068	0,294	-0,001	0,009	0,051	FALSE
-0,055	0,305	-0,002	0,010	0,082	FALSE
-0,054	0,321	-0,001	0,009	0,058	FALSE
0,019	0,303	0,000	0,012	0,009	FALSE
0,062	0,295	0,001	0,006	0,078	FALSE
0,009	0,297	0,000	0,011	0,001	FALSE
-0,040	0,296	-0,001	0,012	0,029	FALSE
-0,074	0,305	-0,003	0,011	0,108	FALSE
-0,093	0,297	-0,003	0,012	0,094	FALSE
0,058	0,294	0,001	0,006	0,056	FALSE
-0,013	0,318	0,000	0,007	0,026	FALSE
0,027	0,309	0,001	0,010	0,053	FALSE
0,027	0,305	0,000	0,012	0,014	FALSE
0,040	0,302	0,001	0,007	0,048	FALSE
0,004	0,316	0,000	0,007	0,009	FALSE
0,074	0,300	0,002	0,006	0,107	FALSE
0,009	0,303	0,001	0,011	0,024	FALSE
-0,056	0,314	-0,001	0,007	0,056	FALSE
-0,015	0,307	0,000	0,009	0,011	FALSE
-0,041	0,308	-0,001	0,007	0,034	FALSE
0,045	0,309	0,001	0,007	0,081	FALSE
-0,017	0,312	0,000	0,009	0,004	FALSE
-0,028	0,301	0,000	0,009	0,017	FALSE
0,007	0,312	0,001	0,009	0,034	FALSE
0,005	0,306	0,001	0,009	0,024	FALSE
-0,131	0,289	-0,005	0,012	0,187	FALSE
0,059	0,306	0,001	0,010	0,036	FALSE
-0,007	0,301	0,000	0,012	0,005	FALSE
-0,075	0,299	-0,002	0,011	0,079	FALSE
-0,024	0,321	0,000	0,010	0,004	FALSE
0,024	0,303	0,001	0,007	0,030	FALSE
0,066	0,324	0,002	0,010	0,089	FALSE
-0,058	0,308	-0,002	0,011	0,067	FALSE
-0,052	0,308	-0,001	0,011	0,041	FALSE
-0,008	0,302	0,000	0,012	0,003	FALSE
0,111	0,304	0,003	0,009	0,140	FALSE
-0,019	0,315	0,000	0,007	0,016	FALSE
-0,111	0,295	-0,005	0,012	0,156	FALSE
-0,021	0,324	-0,002	0,013	0,045	FALSE
0,019	0,302	0,001	0,006	0,030	FALSE
-0,100	0,300	-0,003	0,009	0,128	FALSE
-0,041	0,308	-0,002	0,010	0,064	FALSE
-0,074	0,306	-0,002	0,008	0,088	FALSE
0,002	0,319	0,000	0,009	0,013	FALSE
-0,017	0,321	0,000	0,009	0,013	FALSE
0,019	0,317	0,001	0,008	0,028	FALSE

0,141	0,296	0,005	0,009	0,219	FALSE
0,024	0,307	0,001	0,007	0,048	FALSE
0,035	0,299	0,001	0,011	0,043	FALSE
0,092	0,283	0,004	0,009	0,158	FALSE
0,039	0,305	0,001	0,006	0,068	FALSE
0,025	0,290	0,001	0,006	0,060	FALSE
0,050	0,306	0,002	0,010	0,076	FALSE
0,013	0,328	0,000	0,011	0,016	FALSE
-0,054	0,311	-0,001	0,009	0,058	FALSE
0,062	0,318	0,002	0,010	0,076	FALSE
0,081	0,306	0,003	0,008	0,141	FALSE
-0,076	0,310	-0,002	0,010	0,081	FALSE
0,024	0,316	0,000	0,009	0,013	FALSE
-0,025	0,308	-0,001	0,012	0,015	FALSE
0,075	0,310	0,002	0,007	0,092	FALSE
-0,058	0,299	-0,003	0,012	0,112	FALSE
-0,015	0,299	-0,001	0,011	0,028	FALSE
0,030	0,298	0,002	0,011	0,062	FALSE
0,006	0,319	0,001	0,012	0,026	FALSE
-0,078	0,314	-0,003	0,010	0,107	FALSE
-0,066	0,304	-0,001	0,006	0,059	FALSE
-0,003	0,300	0,000	0,007	0,010	FALSE
-0,002	0,311	0,000	0,008	0,011	FALSE
0,001	0,304	0,000	0,008	0,006	FALSE
0,095	0,301	0,003	0,012	0,104	FALSE
-0,063	0,313	-0,002	0,007	0,098	FALSE
-0,073	0,314	-0,001	0,006	0,091	FALSE
-0,019	0,303	-0,001	0,010	0,051	FALSE
-0,075	0,303	-0,002	0,010	0,074	FALSE
-0,028	0,312	-0,001	0,008	0,023	FALSE
0,016	0,312	0,001	0,013	0,018	FALSE
-0,028	0,307	-0,001	0,009	0,048	FALSE
-0,026	0,310	-0,001	0,011	0,038	FALSE
-0,043	0,300	-0,002	0,011	0,077	FALSE
0,052	0,299	0,002	0,007	0,092	FALSE
0,062	0,305	0,001	0,007	0,064	FALSE
-0,030	0,309	-0,001	0,008	0,040	FALSE
-0,026	0,317	-0,001	0,011	0,021	FALSE
-0,079	0,307	-0,002	0,008	0,101	FALSE
-0,099	0,313	-0,004	0,013	0,121	FALSE
-0,141	0,299	-0,005	0,011	0,191	FALSE
0,084	0,307	0,002	0,008	0,120	FALSE
0,076	0,295	0,001	0,007	0,069	FALSE
0,039	0,305	0,001	0,007	0,032	FALSE
0,053	0,296	0,002	0,012	0,065	FALSE
0,086	0,314	0,002	0,009	0,110	FALSE
0,081	0,300	0,002	0,008	0,106	FALSE
0,064	0,303	0,002	0,008	0,095	FALSE
0,072	0,311	0,002	0,011	0,080	FALSE
-0,051	0,309	-0,003	0,012	0,099	FALSE
-0,144	0,311	-0,005	0,010	0,198	FALSE
0,104	0,310	0,003	0,009	0,116	FALSE
0,017	0,317	0,000	0,010	0,012	FALSE

0,078	0,305	0,002	0,007	0,123	FALSE
0,104	0,310	0,003	0,006	0,173	FALSE
-0,017	0,310	0,000	0,009	0,019	FALSE
0,018	0,305	0,000	0,007	0,016	FALSE
-0,102	0,301	-0,003	0,009	0,136	FALSE
0,123	0,304	0,004	0,010	0,163	FALSE
0,076	0,323	0,004	0,013	0,112	FALSE
-0,092	0,298	-0,004	0,010	0,148	FALSE
-0,081	0,314	-0,003	0,009	0,119	FALSE
0,099	0,302	0,003	0,007	0,152	FALSE
0,149	0,302	0,005	0,009	0,237	FALSE
0,201	0,268	0,009	0,012	0,342	FALSE
-0,026	0,302	-0,001	0,009	0,036	FALSE
0,086	0,318	0,002	0,007	0,100	FALSE
-0,025	0,294	-0,001	0,008	0,026	FALSE
-0,024	0,292	-0,001	0,008	0,029	FALSE
0,070	0,310	0,003	0,009	0,129	FALSE
-0,037	0,302	0,000	0,007	0,007	FALSE
-0,161	0,306	-0,005	0,009	0,245	FALSE
-0,031	0,311	0,000	0,006	0,016	FALSE
0,027	0,299	0,001	0,011	0,050	FALSE
-0,027	0,305	-0,001	0,012	0,029	FALSE
-0,043	0,306	-0,001	0,012	0,043	FALSE
0,024	0,318	0,000	0,008	0,007	FALSE
-0,009	0,304	0,000	0,008	0,003	FALSE
-0,100	0,318	-0,003	0,008	0,124	FALSE
0,014	0,306	0,000	0,008	0,007	FALSE
0,000	0,296	-0,001	0,007	0,033	FALSE
-0,092	0,287	-0,003	0,009	0,132	FALSE
-0,049	0,298	-0,002	0,012	0,061	FALSE
0,028	0,302	0,001	0,008	0,033	FALSE
0,000	0,305	0,000	0,007	0,022	FALSE
0,001	0,305	0,000	0,008	0,021	FALSE
0,023	0,312	0,000	0,007	0,010	FALSE
0,146	0,305	0,006	0,012	0,199	FALSE
0,008	0,326	0,001	0,009	0,021	FALSE
0,026	0,288	0,000	0,006	0,014	FALSE
-0,096	0,304	-0,002	0,006	0,136	FALSE
-0,009	0,297	0,000	0,012	0,009	FALSE
-0,041	0,306	-0,001	0,012	0,032	FALSE
0,031	0,322	0,001	0,012	0,039	FALSE
-0,043	0,316	-0,002	0,012	0,053	FALSE
-0,095	0,283	-0,003	0,011	0,110	FALSE
0,086	0,300	0,003	0,012	0,097	FALSE
0,074	0,305	0,002	0,007	0,109	FALSE
0,033	0,295	0,000	0,011	0,001	FALSE
0,021	0,314	0,000	0,006	0,013	FALSE
0,009	0,315	0,000	0,007	0,017	FALSE
-0,004	0,307	-0,001	0,010	0,044	FALSE
0,077	0,300	0,002	0,010	0,083	FALSE
0,119	0,306	0,003	0,007	0,203	FALSE
0,139	0,295	0,004	0,010	0,162	FALSE
-0,043	0,316	-0,001	0,006	0,045	FALSE

0,107	0,308	0,003	0,008	0,132	FALSE
0,070	0,308	0,002	0,009	0,098	FALSE
0,123	0,290	0,002	0,007	0,150	FALSE
0,058	0,292	0,002	0,012	0,072	FALSE
0,038	0,321	0,001	0,008	0,036	FALSE
0,008	0,311	0,000	0,008	0,012	FALSE
-0,065	0,306	-0,002	0,007	0,091	FALSE
-0,005	0,310	0,000	0,012	0,008	FALSE
-0,027	0,303	-0,002	0,013	0,061	FALSE
-0,021	0,288	0,000	0,006	0,020	FALSE
-0,013	0,319	-0,001	0,011	0,028	FALSE
0,002	0,309	0,001	0,011	0,023	FALSE
-0,019	0,315	-0,001	0,011	0,049	FALSE
-0,015	0,310	0,000	0,009	0,013	FALSE
0,038	0,306	0,001	0,011	0,049	FALSE
-0,072	0,294	-0,004	0,012	0,118	FALSE
-0,027	0,291	-0,002	0,012	0,052	FALSE
0,022	0,309	0,000	0,008	0,018	FALSE
0,206	0,298	0,007	0,012	0,268	FALSE
0,180	0,310	0,007	0,013	0,231	FALSE
0,202	0,294	0,007	0,011	0,286	FALSE
-0,032	0,306	-0,001	0,011	0,049	FALSE
0,162	0,293	0,006	0,012	0,192	FALSE
0,138	0,290	0,004	0,009	0,189	FALSE
0,122	0,303	0,004	0,010	0,156	FALSE
0,140	0,303	0,007	0,012	0,238	FALSE
-0,106	0,307	-0,004	0,010	0,158	FALSE
0,121	0,312	0,004	0,010	0,168	FALSE
0,004	0,292	0,000	0,007	0,021	FALSE
0,027	0,301	0,000	0,008	0,005	FALSE
0,004	0,304	0,000	0,006	0,001	FALSE
0,061	0,308	0,003	0,012	0,081	FALSE
-0,036	0,312	-0,001	0,008	0,030	FALSE
0,017	0,292	0,000	0,011	0,002	FALSE
0,041	0,293	0,001	0,008	0,041	FALSE
0,036	0,323	0,003	0,013	0,087	FALSE
0,003	0,308	0,000	0,007	0,021	FALSE
-0,027	0,308	-0,001	0,007	0,043	FALSE
-0,169	0,308	-0,006	0,013	0,194	FALSE
0,012	0,308	0,000	0,006	0,003	FALSE
-0,031	0,305	-0,001	0,008	0,039	FALSE
0,031	0,315	0,000	0,012	0,013	FALSE
0,009	0,303	-0,001	0,012	0,028	FALSE
0,031	0,306	0,000	0,007	0,010	FALSE
0,049	0,302	0,000	0,006	0,015	FALSE
0,046	0,302	0,000	0,011	0,015	FALSE
0,035	0,305	0,001	0,010	0,039	FALSE
0,020	0,316	0,000	0,010	0,005	FALSE
0,088	0,303	0,004	0,012	0,149	FALSE
0,023	0,308	0,001	0,011	0,040	FALSE
0,039	0,307	0,002	0,011	0,059	FALSE
0,109	0,298	0,003	0,006	0,194	FALSE
0,032	0,310	0,000	0,008	0,012	FALSE

-0,062	0,316	-0,002	0,009	0,101	FALSE
0,011	0,311	0,000	0,010	0,005	FALSE
0,068	0,324	0,001	0,009	0,060	FALSE
0,056	0,312	0,001	0,008	0,049	FALSE
0,123	0,309	0,004	0,011	0,162	FALSE
-0,138	0,303	-0,004	0,009	0,194	FALSE
-0,087	0,314	-0,003	0,011	0,095	FALSE
0,014	0,322	0,002	0,012	0,045	FALSE
0,042	0,305	0,001	0,009	0,055	FALSE
0,033	0,313	0,001	0,008	0,037	FALSE
0,095	0,312	0,004	0,009	0,164	FALSE
0,005	0,309	0,001	0,007	0,029	FALSE
0,010	0,312	0,000	0,008	0,005	FALSE
0,029	0,293	0,001	0,007	0,040	FALSE
0,066	0,297	0,002	0,010	0,094	FALSE
0,117	0,305	0,004	0,010	0,162	FALSE
-0,076	0,306	-0,004	0,011	0,128	FALSE
0,057	0,302	0,002	0,012	0,047	FALSE
-0,008	0,321	0,000	0,007	0,006	FALSE
0,064	0,316	0,002	0,007	0,101	FALSE
-0,062	0,311	-0,002	0,007	0,077	FALSE
-0,010	0,302	0,000	0,008	0,004	FALSE
-0,054	0,291	-0,001	0,007	0,027	FALSE
0,026	0,311	0,000	0,008	0,018	FALSE
-0,097	0,307	-0,003	0,009	0,121	FALSE
-0,021	0,306	0,000	0,011	0,009	FALSE
-0,105	0,296	-0,004	0,008	0,172	FALSE
-0,105	0,305	-0,004	0,012	0,131	FALSE
-0,111	0,302	-0,004	0,012	0,145	FALSE
-0,029	0,302	-0,001	0,011	0,047	FALSE
0,031	0,316	0,000	0,007	0,017	FALSE
0,030	0,309	0,001	0,007	0,047	FALSE
-0,087	0,302	-0,002	0,007	0,128	FALSE
0,031	0,321	0,001	0,013	0,026	FALSE
0,033	0,295	0,001	0,007	0,056	FALSE
-0,035	0,297	-0,001	0,008	0,023	FALSE
-0,057	0,315	-0,002	0,007	0,084	FALSE
0,053	0,324	0,002	0,011	0,052	FALSE
-0,040	0,304	-0,001	0,012	0,039	FALSE
-0,028	0,312	-0,002	0,010	0,066	FALSE
0,056	0,303	0,001	0,007	0,043	FALSE
-0,087	0,309	-0,003	0,008	0,139	FALSE
0,004	0,304	0,000	0,009	0,006	FALSE
0,028	0,295	0,001	0,008	0,056	FALSE
-0,039	0,323	-0,001	0,008	0,039	FALSE
-0,049	0,311	-0,002	0,011	0,071	FALSE
-0,064	0,302	-0,002	0,008	0,082	FALSE
-0,085	0,303	-0,002	0,006	0,119	FALSE
-0,049	0,306	-0,001	0,008	0,037	FALSE
0,009	0,305	0,000	0,008	0,021	FALSE
0,083	0,316	0,002	0,011	0,064	FALSE
0,042	0,308	0,001	0,009	0,024	FALSE
-0,104	0,306	-0,003	0,009	0,157	FALSE

-0,090	0,298	-0,002	0,007	0,131	FALSE
0,132	0,304	0,004	0,010	0,138	FALSE
0,058	0,304	0,002	0,008	0,075	FALSE
-0,066	0,307	-0,001	0,008	0,062	FALSE
0,010	0,317	0,000	0,013	0,011	FALSE
-0,025	0,313	-0,001	0,009	0,053	FALSE
0,049	0,298	0,002	0,010	0,074	FALSE
-0,032	0,312	0,000	0,009	0,011	FALSE
-0,076	0,310	-0,003	0,012	0,102	FALSE
-0,016	0,306	0,000	0,008	0,016	FALSE
0,025	0,320	0,000	0,012	0,009	FALSE
0,020	0,319	0,000	0,010	0,013	FALSE
-0,027	0,311	-0,001	0,008	0,037	FALSE
-0,079	0,310	-0,002	0,007	0,087	FALSE
0,037	0,306	0,003	0,012	0,078	FALSE
-0,023	0,301	-0,001	0,006	0,048	FALSE
0,061	0,312	0,003	0,012	0,097	FALSE
0,077	0,302	0,002	0,008	0,070	FALSE
0,124	0,322	0,003	0,009	0,141	FALSE
0,138	0,303	0,004	0,010	0,163	FALSE
0,126	0,298	0,004	0,010	0,190	FALSE
0,103	0,302	0,002	0,008	0,123	FALSE
0,070	0,314	0,002	0,008	0,089	FALSE
-0,052	0,313	-0,001	0,007	0,057	FALSE
-0,113	0,303	-0,003	0,008	0,162	FALSE
0,062	0,309	0,002	0,011	0,079	FALSE
-0,006	0,299	0,000	0,009	0,012	FALSE
-0,004	0,301	-0,001	0,008	0,035	FALSE
0,015	0,298	0,001	0,007	0,027	FALSE
0,034	0,295	0,000	0,008	0,006	FALSE
0,090	0,311	0,002	0,008	0,099	FALSE
0,108	0,303	0,003	0,009	0,116	FALSE
0,030	0,289	0,001	0,011	0,038	FALSE
0,120	0,305	0,003	0,008	0,160	FALSE
0,084	0,299	0,002	0,007	0,102	FALSE
0,065	0,308	0,001	0,007	0,044	FALSE
-0,102	0,317	-0,004	0,011	0,142	FALSE
0,001	0,310	0,001	0,008	0,027	FALSE
0,015	0,313	0,000	0,009	0,011	FALSE
0,051	0,310	0,001	0,007	0,048	FALSE
0,015	0,303	0,000	0,011	0,014	FALSE
0,103	0,302	0,004	0,009	0,171	FALSE
-0,041	0,313	0,000	0,008	0,018	FALSE
0,007	0,321	0,000	0,008	0,012	FALSE
0,005	0,296	0,001	0,010	0,048	FALSE
-0,048	0,307	0,000	0,008	0,020	FALSE
0,043	0,307	0,003	0,010	0,102	FALSE
0,050	0,311	0,003	0,010	0,099	FALSE
-0,026	0,304	-0,001	0,009	0,031	FALSE
-0,054	0,310	-0,002	0,011	0,071	FALSE
0,040	0,310	0,000	0,009	0,009	FALSE
0,009	0,316	0,000	0,007	0,000	FALSE
-0,060	0,299	-0,003	0,010	0,100	FALSE

-0,112	0,314	-0,003	0,009	0,149	FALSE
-0,067	0,287	-0,003	0,008	0,129	FALSE
-0,021	0,322	-0,001	0,008	0,064	FALSE
0,024	0,303	0,001	0,011	0,030	FALSE
0,085	0,308	0,004	0,012	0,112	FALSE
0,084	0,304	0,003	0,010	0,098	FALSE
-0,018	0,297	-0,001	0,011	0,018	FALSE
-0,046	0,304	-0,001	0,011	0,048	FALSE
-0,091	0,301	-0,003	0,010	0,124	FALSE
-0,070	0,307	-0,003	0,011	0,090	FALSE
0,057	0,307	0,001	0,007	0,077	FALSE
0,021	0,304	0,002	0,012	0,056	FALSE
0,049	0,311	0,003	0,012	0,089	FALSE
0,065	0,298	0,002	0,007	0,106	FALSE
0,053	0,310	0,002	0,008	0,100	FALSE
-0,058	0,324	-0,003	0,013	0,094	FALSE
-0,004	0,311	0,000	0,006	0,004	FALSE
-0,079	0,308	-0,002	0,006	0,134	FALSE
-0,083	0,310	-0,002	0,006	0,097	FALSE
0,009	0,307	0,001	0,012	0,035	FALSE
-0,015	0,292	0,000	0,007	0,000	FALSE
-0,013	0,301	0,000	0,006	0,021	FALSE
-0,145	0,305	-0,003	0,007	0,165	FALSE
-0,152	0,300	-0,003	0,007	0,191	FALSE
-0,124	0,305	-0,006	0,013	0,201	FALSE
0,021	0,320	0,001	0,012	0,028	FALSE
-0,093	0,298	-0,003	0,007	0,153	FALSE
-0,106	0,302	-0,003	0,007	0,153	FALSE
-0,025	0,313	-0,001	0,009	0,023	FALSE
-0,114	0,307	-0,003	0,008	0,170	FALSE
0,012	0,310	0,000	0,007	0,003	FALSE
-0,018	0,308	0,000	0,007	0,024	FALSE
-0,091	0,306	-0,002	0,009	0,094	FALSE
0,062	0,305	0,002	0,012	0,062	FALSE
-0,039	0,318	-0,002	0,007	0,077	FALSE
-0,017	0,300	-0,001	0,006	0,035	FALSE
0,039	0,317	0,002	0,013	0,043	FALSE
0,037	0,306	0,001	0,009	0,023	FALSE
0,038	0,315	0,000	0,007	0,005	FALSE
0,077	0,309	0,002	0,012	0,074	FALSE
0,039	0,314	0,001	0,009	0,029	FALSE
0,015	0,303	0,000	0,007	0,012	FALSE
0,080	0,299	0,002	0,007	0,130	FALSE
-0,074	0,313	-0,001	0,007	0,074	FALSE
-0,086	0,294	-0,002	0,007	0,082	FALSE
-0,102	0,307	-0,002	0,008	0,095	FALSE
-0,079	0,301	-0,001	0,007	0,070	FALSE
-0,035	0,310	-0,001	0,007	0,053	FALSE
-0,045	0,307	-0,001	0,007	0,060	FALSE
-0,057	0,305	-0,001	0,008	0,056	FALSE
0,061	0,307	0,001	0,006	0,092	FALSE
0,115	0,304	0,003	0,007	0,151	FALSE
-0,062	0,289	-0,002	0,011	0,064	FALSE

0,125	0,323	0,003	0,008	0,153	FALSE
0,045	0,314	0,002	0,012	0,053	FALSE
0,126	0,302	0,004	0,007	0,214	FALSE
0,134	0,295	0,005	0,010	0,198	FALSE
-0,054	0,306	-0,001	0,007	0,049	FALSE
0,025	0,305	0,000	0,008	0,002	FALSE
0,151	0,292	0,005	0,009	0,228	FALSE
-0,073	0,318	-0,002	0,006	0,118	FALSE
0,057	0,296	0,002	0,007	0,093	FALSE
0,202	0,287	0,009	0,011	0,340	FALSE
-0,054	0,307	-0,002	0,009	0,077	FALSE
-0,122	0,305	-0,005	0,011	0,181	FALSE
0,078	0,297	0,002	0,007	0,087	FALSE
-0,030	0,304	-0,001	0,007	0,029	FALSE
0,056	0,301	0,001	0,008	0,068	FALSE
0,090	0,304	0,002	0,007	0,101	FALSE
-0,041	0,300	-0,001	0,009	0,056	FALSE
0,077	0,293	0,002	0,007	0,098	FALSE
-0,027	0,316	-0,001	0,008	0,032	FALSE
0,042	0,295	0,001	0,007	0,054	FALSE
0,148	0,304	0,004	0,008	0,227	FALSE
-0,006	0,295	-0,001	0,012	0,032	FALSE
0,120	0,307	0,002	0,006	0,115	FALSE
-0,109	0,314	-0,003	0,011	0,125	FALSE
-0,088	0,309	-0,003	0,011	0,104	FALSE
0,049	0,307	0,002	0,009	0,099	FALSE
0,008	0,320	0,000	0,012	0,009	FALSE
0,141	0,297	0,006	0,012	0,227	FALSE
0,026	0,307	0,000	0,009	0,016	FALSE
-0,092	0,301	-0,003	0,008	0,140	FALSE
-0,056	0,309	-0,003	0,013	0,096	FALSE
0,056	0,314	0,002	0,009	0,080	FALSE
0,057	0,303	0,002	0,008	0,086	FALSE
-0,163	0,292	-0,004	0,007	0,232	FALSE
0,040	0,316	0,001	0,010	0,048	FALSE
0,034	0,311	0,001	0,010	0,055	FALSE
0,139	0,299	0,006	0,012	0,208	FALSE
0,112	0,292	0,004	0,008	0,201	FALSE
0,190	0,294	0,007	0,011	0,291	FALSE
-0,047	0,306	-0,001	0,010	0,040	FALSE
-0,159	0,311	-0,004	0,007	0,229	FALSE
-0,069	0,314	-0,002	0,007	0,092	FALSE
0,102	0,300	0,004	0,013	0,123	FALSE
0,076	0,307	0,002	0,008	0,102	FALSE
0,078	0,319	0,003	0,013	0,093	FALSE
0,006	0,312	0,001	0,009	0,026	FALSE
-0,062	0,301	-0,001	0,008	0,029	FALSE
0,053	0,306	0,003	0,012	0,084	FALSE
-0,014	0,306	0,000	0,009	0,011	FALSE
-0,044	0,319	-0,001	0,007	0,033	FALSE
-0,044	0,301	-0,001	0,009	0,038	FALSE
0,010	0,313	0,001	0,012	0,018	FALSE
-0,075	0,316	-0,002	0,008	0,093	FALSE

-0,024	0,312	0,000	0,007	0,006	FALSE
-0,143	0,296	-0,005	0,012	0,167	FALSE
-0,083	0,307	-0,003	0,013	0,078	FALSE
-0,001	0,299	0,000	0,007	0,024	FALSE
0,102	0,301	0,004	0,010	0,147	FALSE
0,049	0,286	0,002	0,007	0,080	FALSE
0,067	0,312	0,002	0,007	0,103	FALSE
-0,022	0,309	0,000	0,009	0,014	FALSE
-0,065	0,303	-0,002	0,008	0,096	FALSE
0,025	0,313	0,000	0,006	0,013	FALSE
-0,084	0,302	-0,002	0,007	0,130	FALSE
-0,114	0,294	-0,004	0,007	0,204	FALSE
0,008	0,305	0,000	0,011	0,006	FALSE
-0,019	0,304	-0,001	0,011	0,020	FALSE
-0,091	0,290	-0,003	0,007	0,159	FALSE
-0,079	0,307	-0,002	0,007	0,135	FALSE
-0,037	0,327	-0,002	0,011	0,048	FALSE
-0,044	0,304	-0,002	0,012	0,051	FALSE
-0,012	0,306	-0,001	0,009	0,035	FALSE
0,080	0,310	0,003	0,012	0,094	FALSE
0,032	0,324	0,001	0,012	0,039	FALSE
-0,002	0,314	0,000	0,012	0,001	FALSE
-0,069	0,300	-0,002	0,006	0,113	FALSE
-0,030	0,303	-0,001	0,007	0,043	FALSE
0,096	0,297	0,002	0,007	0,095	FALSE
-0,012	0,310	0,000	0,008	0,010	FALSE
0,067	0,307	0,001	0,007	0,053	FALSE
0,059	0,303	0,002	0,012	0,070	FALSE
-0,047	0,310	-0,002	0,012	0,049	FALSE
-0,062	0,299	-0,001	0,007	0,050	FALSE
-0,023	0,301	0,000	0,007	0,001	FALSE
-0,036	0,299	0,000	0,007	0,018	FALSE
-0,037	0,284	0,000	0,006	0,008	FALSE
0,005	0,308	0,001	0,012	0,020	FALSE
-0,053	0,305	-0,003	0,011	0,096	FALSE
-0,089	0,314	-0,004	0,011	0,131	FALSE
-0,091	0,303	-0,004	0,011	0,148	FALSE
-0,054	0,313	-0,002	0,010	0,068	FALSE
-0,012	0,306	0,000	0,010	0,018	FALSE
0,150	0,299	0,004	0,007	0,225	FALSE
0,065	0,318	0,001	0,007	0,063	FALSE
0,112	0,297	0,003	0,007	0,154	FALSE
0,027	0,305	0,001	0,009	0,031	FALSE
-0,103	0,296	-0,005	0,012	0,153	FALSE
-0,104	0,307	-0,003	0,008	0,143	FALSE
-0,025	0,314	0,000	0,008	0,010	FALSE
0,017	0,298	0,001	0,007	0,028	FALSE
-0,143	0,300	-0,006	0,011	0,208	FALSE
0,014	0,315	0,000	0,007	0,011	FALSE
-0,086	0,312	-0,004	0,012	0,124	FALSE
0,117	0,317	0,003	0,008	0,157	FALSE
0,033	0,315	0,001	0,007	0,054	FALSE
0,165	0,305	0,004	0,008	0,228	FALSE

0,008	0,312	0,000	0,008	0,012	FALSE
-0,001	0,321	0,000	0,012	0,010	FALSE
0,223	0,294	0,005	0,006	0,390	FALSE
-0,049	0,311	-0,001	0,007	0,063	FALSE
-0,090	0,314	-0,003	0,008	0,115	FALSE
-0,025	0,308	-0,001	0,011	0,037	FALSE
0,115	0,286	0,006	0,011	0,224	FALSE
-0,033	0,304	-0,001	0,011	0,051	FALSE
-0,004	0,309	0,000	0,012	0,001	FALSE
0,065	0,308	0,002	0,009	0,095	FALSE
-0,003	0,292	0,000	0,006	0,013	FALSE
0,054	0,301	0,001	0,007	0,079	FALSE
0,002	0,302	0,000	0,012	0,011	FALSE
-0,040	0,295	-0,001	0,007	0,041	FALSE
0,125	0,291	0,005	0,012	0,184	FALSE
0,049	0,290	0,002	0,008	0,086	FALSE
-0,002	0,304	0,000	0,008	0,008	FALSE
0,017	0,304	0,001	0,010	0,031	FALSE
-0,020	0,311	0,000	0,008	0,020	FALSE
0,040	0,295	0,001	0,007	0,061	FALSE
0,029	0,310	0,000	0,012	0,001	FALSE
0,019	0,307	0,000	0,012	0,007	FALSE
0,053	0,301	0,002	0,011	0,061	FALSE
0,009	0,304	0,000	0,012	0,004	FALSE
-0,091	0,306	-0,002	0,006	0,128	FALSE
0,186	0,292	0,005	0,006	0,319	FALSE
-0,019	0,302	0,000	0,007	0,014	FALSE
-0,022	0,312	-0,001	0,007	0,033	FALSE
-0,137	0,285	-0,004	0,012	0,145	FALSE
-0,105	0,298	-0,003	0,009	0,116	FALSE
-0,083	0,311	-0,002	0,011	0,082	FALSE
0,142	0,305	0,004	0,010	0,188	FALSE
-0,079	0,303	-0,004	0,012	0,116	FALSE
0,027	0,305	0,001	0,009	0,051	FALSE
0,004	0,309	-0,001	0,011	0,020	FALSE
0,028	0,314	0,000	0,009	0,015	FALSE
-0,064	0,298	-0,002	0,008	0,087	FALSE
0,020	0,306	0,001	0,009	0,043	FALSE
0,032	0,293	0,002	0,010	0,065	FALSE
-0,133	0,298	-0,005	0,011	0,188	FALSE
0,095	0,311	0,003	0,008	0,132	FALSE
0,094	0,297	0,002	0,007	0,127	FALSE
-0,095	0,307	-0,004	0,010	0,148	FALSE
-0,102	0,297	-0,002	0,007	0,125	FALSE
-0,035	0,309	-0,001	0,007	0,050	FALSE
0,074	0,303	0,002	0,007	0,077	FALSE
0,000	0,305	-0,001	0,012	0,035	FALSE
-0,037	0,306	0,000	0,010	0,017	FALSE
0,009	0,309	0,000	0,008	0,013	FALSE
-0,032	0,322	-0,001	0,011	0,034	FALSE
0,003	0,318	0,000	0,011	0,001	FALSE
-0,117	0,299	-0,003	0,008	0,119	FALSE
0,004	0,310	0,001	0,009	0,027	FALSE

0,000	0,318	0,000	0,009	0,007	FALSE
0,066	0,317	0,003	0,013	0,083	FALSE
-0,038	0,311	-0,001	0,006	0,041	FALSE
-0,109	0,319	-0,003	0,011	0,113	FALSE
-0,071	0,299	-0,002	0,009	0,093	FALSE
-0,122	0,297	-0,003	0,009	0,148	FALSE
-0,013	0,314	-0,001	0,011	0,032	FALSE
-0,149	0,287	-0,003	0,006	0,213	FALSE
0,163	0,306	0,006	0,011	0,230	FALSE
-0,028	0,304	0,000	0,006	0,015	FALSE
-0,163	0,284	-0,006	0,011	0,245	FALSE
-0,059	0,305	-0,002	0,011	0,077	FALSE
-0,014	0,317	0,000	0,009	0,018	FALSE
-0,031	0,310	-0,003	0,012	0,082	FALSE
0,109	0,305	0,003	0,007	0,166	FALSE
-0,012	0,303	0,000	0,006	0,002	FALSE
0,048	0,313	0,001	0,009	0,037	FALSE
0,077	0,309	0,003	0,009	0,116	FALSE
-0,138	0,316	-0,003	0,007	0,197	FALSE
-0,054	0,311	-0,001	0,008	0,064	FALSE
0,018	0,316	0,000	0,013	0,006	FALSE
-0,060	0,316	-0,003	0,012	0,083	FALSE
0,000	0,313	0,000	0,011	0,011	FALSE
0,215	0,289	0,007	0,010	0,318	FALSE
-0,078	0,302	-0,002	0,007	0,081	FALSE
-0,072	0,307	-0,003	0,012	0,104	FALSE
0,023	0,308	0,001	0,007	0,028	FALSE
0,023	0,308	0,001	0,008	0,032	FALSE
-0,022	0,290	0,000	0,008	0,005	FALSE
0,101	0,306	0,003	0,010	0,121	FALSE
0,040	0,305	0,003	0,012	0,078	FALSE
0,039	0,307	0,002	0,012	0,074	FALSE
-0,160	0,298	-0,005	0,012	0,170	FALSE
0,010	0,310	0,000	0,011	0,000	FALSE
0,148	0,297	0,004	0,008	0,192	FALSE
0,079	0,304	0,002	0,012	0,061	FALSE
0,079	0,302	0,003	0,012	0,084	FALSE
0,039	0,316	0,001	0,012	0,033	FALSE
-0,129	0,309	-0,004	0,010	0,141	FALSE
-0,019	0,302	-0,001	0,012	0,032	FALSE
-0,073	0,321	-0,003	0,013	0,079	FALSE
-0,007	0,310	-0,001	0,013	0,039	FALSE
0,083	0,301	0,002	0,010	0,055	FALSE
0,035	0,307	0,001	0,009	0,032	FALSE
-0,094	0,310	-0,002	0,007	0,127	FALSE
-0,040	0,292	-0,001	0,009	0,064	FALSE
0,112	0,301	0,005	0,012	0,159	FALSE
-0,127	0,305	-0,006	0,012	0,183	FALSE
0,023	0,310	0,000	0,008	0,010	FALSE
0,017	0,310	0,000	0,007	0,025	FALSE
0,005	0,307	0,000	0,006	0,012	FALSE
0,048	0,292	0,002	0,008	0,074	FALSE
-0,089	0,317	-0,002	0,008	0,108	FALSE

-0,051	0,308	-0,002	0,011	0,054	FALSE
0,031	0,296	0,001	0,008	0,067	FALSE
-0,036	0,295	0,000	0,012	0,003	FALSE
0,030	0,316	0,001	0,009	0,052	FALSE
-0,127	0,299	-0,004	0,012	0,149	FALSE
-0,019	0,306	-0,001	0,011	0,030	FALSE
0,017	0,311	0,001	0,007	0,032	FALSE
0,095	0,293	0,002	0,007	0,133	FALSE
-0,062	0,306	-0,001	0,008	0,050	FALSE
-0,095	0,314	-0,003	0,012	0,096	FALSE
-0,111	0,305	-0,003	0,007	0,146	FALSE
0,077	0,304	0,002	0,009	0,102	FALSE
-0,076	0,309	-0,002	0,007	0,109	FALSE
0,046	0,307	0,001	0,008	0,044	FALSE
0,176	0,295	0,005	0,009	0,252	FALSE
-0,005	0,297	0,000	0,006	0,005	FALSE
0,069	0,312	0,002	0,013	0,053	FALSE
0,094	0,310	0,003	0,010	0,113	FALSE
0,051	0,308	0,002	0,010	0,059	FALSE
-0,105	0,300	-0,004	0,010	0,158	FALSE
0,080	0,311	0,002	0,009	0,098	FALSE
-0,022	0,303	0,000	0,007	0,002	FALSE
-0,039	0,300	-0,001	0,009	0,029	FALSE
-0,050	0,318	-0,002	0,008	0,085	FALSE
-0,030	0,325	-0,001	0,007	0,053	FALSE
-0,016	0,309	-0,001	0,008	0,028	FALSE
0,039	0,304	0,001	0,012	0,043	FALSE
-0,024	0,293	-0,001	0,006	0,058	FALSE
-0,060	0,324	-0,002	0,007	0,101	FALSE
0,117	0,327	0,004	0,010	0,142	FALSE
-0,109	0,316	-0,003	0,009	0,116	FALSE
0,018	0,319	0,001	0,006	0,049	FALSE
-0,075	0,319	-0,002	0,007	0,120	FALSE
0,010	0,297	0,001	0,009	0,030	FALSE
-0,077	0,315	-0,002	0,007	0,109	FALSE
-0,057	0,320	-0,002	0,009	0,073	FALSE
-0,033	0,308	-0,001	0,012	0,041	FALSE
0,132	0,303	0,003	0,007	0,163	FALSE
-0,107	0,302	-0,003	0,009	0,143	FALSE
-0,107	0,302	-0,003	0,008	0,141	FALSE
-0,115	0,296	-0,003	0,009	0,159	FALSE
0,060	0,309	0,001	0,007	0,074	FALSE
0,042	0,304	0,001	0,007	0,036	FALSE
-0,098	0,306	-0,004	0,011	0,146	FALSE
-0,097	0,303	-0,004	0,009	0,165	FALSE
0,138	0,310	0,003	0,008	0,135	FALSE
0,076	0,304	0,003	0,009	0,133	FALSE
0,057	0,296	0,001	0,007	0,057	FALSE
0,022	0,295	0,002	0,010	0,070	FALSE
0,025	0,320	0,001	0,012	0,039	FALSE
0,011	0,294	0,000	0,012	0,013	FALSE
-0,069	0,302	-0,001	0,006	0,092	FALSE
0,025	0,292	0,001	0,010	0,046	FALSE

-0,052	0,305	-0,002	0,012	0,069	FALSE
0,096	0,294	0,003	0,010	0,135	FALSE
0,062	0,303	0,003	0,010	0,101	FALSE
-0,101	0,298	-0,005	0,012	0,150	FALSE
-0,033	0,307	-0,002	0,012	0,044	FALSE
0,004	0,314	0,000	0,006	0,015	FALSE
0,056	0,308	0,001	0,008	0,071	FALSE
-0,111	0,305	-0,003	0,012	0,096	FALSE
0,055	0,298	0,002	0,008	0,108	FALSE
-0,095	0,300	-0,003	0,010	0,102	FALSE
0,011	0,325	0,000	0,007	0,011	FALSE
-0,146	0,289	-0,005	0,010	0,207	FALSE
-0,027	0,310	-0,001	0,006	0,043	FALSE
-0,061	0,312	-0,001	0,006	0,084	FALSE
0,100	0,309	0,005	0,012	0,159	FALSE
-0,086	0,310	-0,002	0,008	0,087	FALSE
0,018	0,311	0,000	0,008	0,013	FALSE
0,066	0,295	0,002	0,006	0,139	FALSE
0,060	0,319	0,002	0,011	0,068	FALSE
-0,086	0,296	-0,002	0,006	0,106	FALSE
0,028	0,312	0,000	0,008	0,021	FALSE
0,024	0,300	0,001	0,007	0,058	FALSE
-0,063	0,309	-0,002	0,012	0,073	FALSE
-0,008	0,305	0,000	0,009	0,017	FALSE
0,011	0,314	0,001	0,010	0,045	FALSE
0,013	0,301	0,000	0,009	0,001	FALSE
-0,031	0,326	-0,001	0,009	0,034	FALSE
0,010	0,316	0,000	0,009	0,004	FALSE
0,034	0,318	0,001	0,013	0,030	FALSE
-0,092	0,303	-0,003	0,010	0,102	FALSE
0,167	0,304	0,006	0,009	0,284	FALSE
-0,018	0,311	-0,001	0,009	0,033	FALSE
-0,084	0,308	-0,001	0,007	0,078	FALSE
0,041	0,307	0,001	0,007	0,057	FALSE
0,071	0,309	0,002	0,008	0,076	FALSE
0,114	0,303	0,004	0,010	0,154	FALSE
0,109	0,309	0,004	0,012	0,130	FALSE
-0,170	0,300	-0,007	0,012	0,245	FALSE
0,059	0,308	0,003	0,012	0,087	FALSE
0,041	0,309	0,001	0,007	0,073	FALSE
0,100	0,301	0,002	0,009	0,101	FALSE
0,027	0,295	0,000	0,010	0,007	FALSE
-0,114	0,293	-0,004	0,010	0,152	FALSE
0,084	0,298	0,003	0,010	0,125	FALSE
-0,013	0,307	0,000	0,006	0,010	FALSE
-0,016	0,308	0,000	0,006	0,029	FALSE
-0,087	0,305	-0,003	0,011	0,102	FALSE
0,131	0,297	0,003	0,008	0,168	FALSE
0,062	0,287	0,003	0,012	0,093	FALSE
-0,216	0,286	-0,007	0,010	0,324	FALSE
0,030	0,293	0,002	0,008	0,082	FALSE
0,071	0,303	0,002	0,008	0,120	FALSE
0,058	0,310	0,001	0,007	0,070	FALSE

0,080	0,296	0,002	0,007	0,121	FALSE
0,115	0,307	0,003	0,006	0,179	FALSE
0,052	0,299	0,002	0,009	0,083	FALSE
-0,013	0,302	0,000	0,008	0,001	FALSE
0,063	0,311	0,002	0,013	0,070	FALSE
-0,067	0,317	-0,003	0,012	0,088	FALSE
0,059	0,315	0,002	0,013	0,054	FALSE
0,083	0,306	0,003	0,013	0,076	FALSE
-0,050	0,317	-0,002	0,012	0,067	FALSE
-0,213	0,288	-0,005	0,007	0,302	FALSE
-0,205	0,294	-0,004	0,007	0,280	FALSE
-0,010	0,317	0,000	0,008	0,002	FALSE
-0,125	0,301	-0,003	0,008	0,158	FALSE
-0,064	0,304	-0,002	0,008	0,084	FALSE
-0,026	0,313	-0,001	0,011	0,028	FALSE
-0,081	0,320	-0,003	0,009	0,134	FALSE
-0,063	0,319	-0,001	0,009	0,053	FALSE
-0,048	0,304	-0,002	0,008	0,078	FALSE
0,071	0,310	0,001	0,006	0,090	FALSE
-0,025	0,314	-0,001	0,007	0,064	FALSE
-0,048	0,311	-0,001	0,006	0,076	FALSE
-0,024	0,304	-0,001	0,007	0,050	FALSE
0,040	0,312	0,001	0,008	0,045	FALSE
-0,041	0,304	-0,001	0,006	0,044	FALSE
0,100	0,300	0,004	0,012	0,124	FALSE
0,150	0,300	0,004	0,008	0,239	FALSE
-0,016	0,305	0,000	0,011	0,000	FALSE
0,132	0,289	0,003	0,007	0,203	FALSE
0,124	0,288	0,004	0,008	0,203	FALSE
-0,058	0,302	-0,002	0,012	0,078	FALSE
0,124	0,301	0,004	0,008	0,204	FALSE
-0,020	0,310	-0,001	0,012	0,042	FALSE
-0,078	0,307	-0,002	0,008	0,100	FALSE
0,159	0,293	0,004	0,008	0,243	FALSE
0,031	0,318	0,001	0,006	0,037	FALSE
-0,077	0,308	-0,003	0,010	0,105	FALSE
0,028	0,297	0,000	0,009	0,008	FALSE
0,014	0,316	0,001	0,008	0,031	FALSE
-0,043	0,309	-0,001	0,006	0,045	FALSE
0,050	0,304	0,001	0,008	0,065	FALSE
-0,006	0,307	0,000	0,009	0,013	FALSE
-0,002	0,296	0,000	0,007	0,023	FALSE
-0,105	0,293	-0,004	0,009	0,170	FALSE
0,115	0,314	0,003	0,012	0,098	FALSE
-0,020	0,297	0,000	0,007	0,010	FALSE
0,019	0,313	0,000	0,009	0,018	FALSE
-0,142	0,300	-0,005	0,010	0,215	FALSE
-0,088	0,305	-0,004	0,012	0,123	FALSE
-0,066	0,305	-0,002	0,007	0,105	FALSE
-0,050	0,331	-0,001	0,007	0,052	FALSE
-0,062	0,296	-0,004	0,012	0,123	FALSE
-0,013	0,310	-0,001	0,008	0,032	FALSE
-0,065	0,309	-0,002	0,010	0,080	FALSE

0,000	0,312	0,000	0,008	0,004	FALSE
-0,003	0,309	-0,001	0,011	0,028	FALSE
0,021	0,303	0,001	0,010	0,022	FALSE
-0,039	0,290	-0,002	0,012	0,074	FALSE
0,035	0,316	0,001	0,009	0,037	FALSE
0,016	0,320	0,000	0,011	0,005	FALSE
-0,026	0,307	-0,001	0,008	0,053	FALSE
0,017	0,301	-0,001	0,011	0,020	FALSE
-0,162	0,307	-0,005	0,010	0,220	FALSE
-0,068	0,300	-0,002	0,012	0,069	FALSE
-0,076	0,307	-0,003	0,012	0,087	FALSE
-0,041	0,303	-0,001	0,006	0,055	FALSE
-0,013	0,311	-0,001	0,010	0,033	FALSE
-0,070	0,303	-0,003	0,009	0,124	FALSE
-0,050	0,300	-0,003	0,010	0,105	FALSE
-0,078	0,296	-0,001	0,008	0,073	FALSE
0,067	0,310	0,002	0,011	0,055	FALSE
0,009	0,298	0,000	0,011	0,011	FALSE
0,040	0,307	0,001	0,009	0,035	FALSE
-0,053	0,312	-0,003	0,012	0,081	FALSE
-0,084	0,311	-0,002	0,007	0,134	FALSE
-0,114	0,293	-0,003	0,008	0,188	FALSE
0,107	0,304	0,003	0,008	0,183	FALSE
0,053	0,306	0,001	0,006	0,086	FALSE
0,016	0,303	0,001	0,007	0,038	FALSE
-0,046	0,315	-0,002	0,008	0,076	FALSE
0,033	0,305	0,001	0,007	0,054	FALSE
-0,011	0,322	0,000	0,006	0,021	FALSE
-0,072	0,306	-0,001	0,007	0,075	FALSE
0,021	0,310	0,002	0,010	0,054	FALSE
0,169	0,299	0,004	0,006	0,291	FALSE
-0,034	0,312	-0,001	0,007	0,053	FALSE
-0,034	0,307	-0,001	0,008	0,058	FALSE
0,031	0,304	0,001	0,006	0,031	FALSE
-0,142	0,297	-0,006	0,012	0,196	FALSE
0,023	0,302	0,001	0,008	0,026	FALSE
-0,057	0,317	-0,003	0,013	0,087	FALSE
0,024	0,298	0,000	0,007	0,017	FALSE
-0,004	0,298	0,000	0,010	0,007	FALSE
-0,153	0,301	-0,006	0,012	0,194	FALSE
0,083	0,295	0,004	0,012	0,136	FALSE
0,050	0,308	0,001	0,008	0,067	FALSE
0,106	0,304	0,004	0,013	0,136	FALSE
-0,074	0,305	-0,003	0,010	0,109	FALSE
0,026	0,303	0,001	0,011	0,022	FALSE
0,060	0,305	0,002	0,011	0,059	FALSE
0,032	0,306	0,001	0,011	0,028	FALSE
0,103	0,310	0,003	0,008	0,176	FALSE
0,082	0,311	0,002	0,008	0,103	FALSE
0,072	0,316	0,002	0,007	0,077	FALSE
-0,021	0,308	-0,001	0,007	0,043	FALSE
-0,104	0,314	-0,003	0,007	0,148	FALSE
-0,091	0,293	-0,002	0,006	0,116	FALSE

0,093	0,295	0,004	0,011	0,125	FALSE
0,191	0,301	0,004	0,007	0,260	FALSE
0,032	0,303	0,001	0,011	0,024	FALSE
0,003	0,306	0,000	0,010	0,005	FALSE
0,084	0,311	0,003	0,010	0,112	FALSE
0,082	0,300	0,001	0,007	0,084	FALSE
0,011	0,300	-0,001	0,011	0,017	FALSE
-0,126	0,292	-0,004	0,010	0,165	FALSE
-0,087	0,298	-0,002	0,007	0,133	FALSE
-0,095	0,313	-0,003	0,011	0,112	FALSE
-0,055	0,294	-0,002	0,009	0,079	FALSE
0,036	0,305	0,000	0,006	0,018	FALSE
-0,008	0,314	-0,001	0,011	0,026	FALSE
-0,071	0,302	-0,001	0,006	0,052	FALSE
0,056	0,292	0,003	0,009	0,111	FALSE
0,049	0,288	0,002	0,006	0,097	FALSE
0,061	0,305	0,002	0,007	0,077	FALSE
0,133	0,309	0,003	0,007	0,174	FALSE
0,008	0,316	0,000	0,007	0,013	FALSE
0,089	0,307	0,002	0,007	0,128	FALSE
0,082	0,293	0,002	0,007	0,122	FALSE
-0,001	0,311	0,001	0,008	0,023	FALSE
0,017	0,314	0,001	0,008	0,036	FALSE
-0,025	0,320	0,000	0,007	0,011	FALSE
-0,080	0,302	-0,003	0,012	0,080	FALSE
0,065	0,289	0,004	0,012	0,131	FALSE
0,039	0,309	0,001	0,007	0,031	FALSE
-0,113	0,307	-0,004	0,009	0,155	FALSE
0,217	0,292	0,009	0,012	0,376	FALSE
-0,046	0,307	-0,002	0,008	0,067	FALSE
0,204	0,293	0,008	0,011	0,308	FALSE
-0,013	0,311	0,000	0,007	0,008	FALSE
0,181	0,297	0,007	0,010	0,289	FALSE
-0,114	0,313	-0,002	0,006	0,145	FALSE
0,090	0,319	0,004	0,013	0,121	FALSE
-0,140	0,310	-0,003	0,007	0,184	FALSE
0,157	0,298	0,005	0,011	0,196	FALSE
0,099	0,312	0,003	0,009	0,135	FALSE
0,008	0,302	0,000	0,008	0,006	FALSE
0,092	0,300	0,003	0,009	0,124	FALSE
0,001	0,307	0,000	0,009	0,008	FALSE
0,043	0,308	0,002	0,012	0,066	FALSE
-0,102	0,305	-0,004	0,011	0,145	FALSE
0,128	0,290	0,003	0,007	0,145	FALSE
-0,012	0,309	-0,001	0,008	0,041	FALSE
0,097	0,296	0,002	0,006	0,151	FALSE
-0,156	0,297	-0,006	0,012	0,194	FALSE
-0,072	0,315	-0,002	0,010	0,061	FALSE
0,016	0,295	0,000	0,009	0,020	FALSE
0,076	0,301	0,002	0,006	0,096	FALSE
0,095	0,323	0,002	0,007	0,113	FALSE
-0,057	0,314	-0,001	0,008	0,046	FALSE
-0,037	0,313	-0,001	0,007	0,030	FALSE

0,143	0,302	0,003	0,007	0,178	FALSE
0,072	0,306	0,002	0,007	0,137	FALSE
-0,048	0,309	-0,002	0,010	0,074	FALSE
-0,063	0,306	-0,001	0,007	0,062	FALSE
-0,038	0,309	-0,003	0,013	0,100	FALSE
0,097	0,300	0,003	0,007	0,189	FALSE
0,082	0,299	0,002	0,010	0,062	FALSE
-0,121	0,297	-0,004	0,010	0,152	FALSE
0,193	0,279	0,006	0,011	0,231	FALSE
-0,079	0,303	-0,002	0,008	0,093	FALSE
-0,004	0,295	-0,001	0,011	0,041	FALSE
-0,053	0,306	-0,003	0,009	0,113	FALSE
-0,004	0,304	-0,001	0,006	0,030	FALSE
0,031	0,313	0,001	0,007	0,026	FALSE
-0,081	0,303	-0,002	0,006	0,098	FALSE
-0,060	0,310	-0,001	0,009	0,055	FALSE
-0,067	0,302	-0,002	0,009	0,077	FALSE
-0,062	0,294	-0,003	0,012	0,088	FALSE
0,094	0,299	0,002	0,007	0,121	FALSE
-0,002	0,299	0,000	0,007	0,022	FALSE
0,015	0,309	0,001	0,009	0,023	FALSE
0,156	0,308	0,005	0,010	0,215	FALSE
0,051	0,298	0,002	0,013	0,071	FALSE
0,001	0,299	0,000	0,006	0,002	FALSE
-0,036	0,316	-0,001	0,009	0,040	FALSE
-0,016	0,303	0,000	0,009	0,011	FALSE
-0,050	0,308	-0,001	0,009	0,059	FALSE
-0,056	0,290	-0,001	0,008	0,047	FALSE
0,041	0,309	0,001	0,006	0,083	FALSE
0,004	0,292	0,000	0,009	0,016	FALSE
0,095	0,296	0,002	0,007	0,149	FALSE
-0,134	0,299	-0,003	0,008	0,167	FALSE
0,052	0,296	0,001	0,009	0,054	FALSE
-0,037	0,306	-0,001	0,006	0,045	FALSE
-0,043	0,312	-0,001	0,006	0,041	FALSE
0,023	0,305	0,000	0,012	0,010	FALSE
0,032	0,322	0,001	0,010	0,041	FALSE
0,077	0,309	0,002	0,009	0,103	FALSE
0,066	0,305	0,003	0,011	0,107	FALSE
0,042	0,301	0,002	0,012	0,080	FALSE
0,173	0,301	0,004	0,007	0,236	FALSE
0,064	0,304	0,001	0,008	0,042	FALSE
0,032	0,309	0,001	0,009	0,049	FALSE
-0,012	0,306	0,000	0,009	0,016	FALSE
0,021	0,309	0,001	0,012	0,043	FALSE
0,081	0,305	0,002	0,007	0,091	FALSE
0,126	0,290	0,004	0,008	0,210	FALSE
-0,056	0,315	-0,001	0,006	0,062	FALSE
0,025	0,309	0,001	0,008	0,032	FALSE
0,119	0,320	0,003	0,011	0,109	FALSE
0,118	0,298	0,003	0,007	0,151	FALSE
-0,052	0,313	-0,001	0,011	0,036	FALSE
0,006	0,314	0,000	0,007	0,002	FALSE

-0,077	0,313	-0,002	0,007	0,111	FALSE
-0,088	0,311	-0,002	0,007	0,095	FALSE
-0,062	0,306	-0,002	0,008	0,102	FALSE
0,037	0,298	0,001	0,011	0,035	FALSE
0,026	0,292	0,001	0,011	0,022	FALSE
0,221	0,289	0,007	0,009	0,338	FALSE
-0,048	0,310	-0,003	0,012	0,076	FALSE
-0,101	0,309	-0,003	0,012	0,106	FALSE
-0,022	0,290	-0,001	0,011	0,048	FALSE
-0,033	0,304	-0,001	0,006	0,057	FALSE
-0,028	0,316	-0,001	0,012	0,018	FALSE
0,028	0,301	0,001	0,011	0,036	FALSE
-0,083	0,299	-0,002	0,007	0,102	FALSE
0,048	0,309	0,002	0,008	0,069	FALSE
0,185	0,285	0,005	0,007	0,337	FALSE
0,096	0,298	0,003	0,009	0,150	FALSE
0,068	0,301	0,002	0,006	0,117	FALSE
-0,048	0,308	-0,002	0,012	0,058	FALSE
-0,060	0,308	-0,002	0,010	0,085	FALSE
0,019	0,303	0,000	0,008	0,015	FALSE
-0,016	0,320	0,000	0,012	0,009	FALSE
-0,177	0,301	-0,007	0,013	0,249	FALSE
0,009	0,298	0,002	0,012	0,053	FALSE
0,017	0,307	0,002	0,012	0,072	FALSE
0,125	0,303	0,003	0,007	0,212	FALSE
0,026	0,327	0,001	0,013	0,020	FALSE
-0,058	0,326	-0,003	0,013	0,082	FALSE
-0,011	0,318	-0,001	0,008	0,025	FALSE
-0,065	0,317	-0,003	0,011	0,111	TRUE
-0,002	0,308	-0,001	0,009	0,025	FALSE
-0,111	0,320	-0,003	0,009	0,131	FALSE
-0,082	0,300	-0,003	0,011	0,100	FALSE
-0,084	0,303	-0,003	0,009	0,118	FALSE
-0,071	0,311	-0,001	0,006	0,080	FALSE
0,036	0,304	0,002	0,012	0,066	FALSE
-0,063	0,315	-0,002	0,013	0,052	FALSE
0,054	0,304	0,002	0,012	0,075	FALSE
0,015	0,296	0,000	0,012	0,006	FALSE
0,092	0,292	0,002	0,009	0,087	FALSE
0,038	0,299	0,000	0,010	0,011	FALSE
-0,112	0,313	-0,003	0,008	0,127	FALSE
-0,053	0,304	-0,001	0,007	0,064	FALSE
0,014	0,300	0,000	0,007	0,017	FALSE
0,015	0,314	0,000	0,009	0,011	FALSE
0,025	0,305	0,001	0,008	0,042	FALSE
0,003	0,303	0,001	0,011	0,018	FALSE
0,028	0,302	0,002	0,009	0,062	FALSE
-0,069	0,302	-0,001	0,006	0,064	FALSE
0,038	0,311	0,001	0,008	0,045	FALSE
0,003	0,304	0,000	0,006	0,011	FALSE
0,017	0,310	0,002	0,013	0,045	FALSE
0,036	0,299	0,000	0,007	0,018	FALSE
0,116	0,306	0,005	0,010	0,192	FALSE

0,084	0,310	0,002	0,006	0,111	FALSE
-0,037	0,308	-0,001	0,007	0,066	FALSE
-0,095	0,316	-0,002	0,008	0,126	FALSE
-0,105	0,319	-0,003	0,008	0,147	FALSE
0,010	0,292	0,001	0,012	0,020	FALSE
-0,105	0,297	-0,005	0,011	0,165	FALSE
-0,004	0,308	0,000	0,007	0,019	FALSE
0,124	0,303	0,004	0,009	0,190	FALSE
-0,081	0,293	-0,002	0,006	0,133	FALSE
-0,009	0,313	0,000	0,008	0,006	FALSE
0,063	0,297	0,002	0,007	0,084	FALSE
-0,019	0,308	0,000	0,012	0,000	FALSE
0,019	0,307	0,000	0,009	0,018	FALSE
-0,190	0,299	-0,005	0,008	0,276	FALSE
0,061	0,308	0,002	0,011	0,059	FALSE
-0,007	0,315	0,000	0,012	0,008	FALSE
-0,013	0,314	-0,001	0,013	0,038	FALSE
-0,002	0,318	0,000	0,007	0,002	FALSE
-0,223	0,298	-0,005	0,007	0,328	FALSE
-0,022	0,317	0,000	0,011	0,006	FALSE
-0,062	0,290	-0,003	0,012	0,080	FALSE
0,080	0,310	0,002	0,006	0,095	FALSE
0,091	0,303	0,003	0,009	0,110	FALSE
-0,049	0,303	-0,001	0,007	0,048	FALSE
0,061	0,315	0,002	0,008	0,083	FALSE
0,062	0,294	0,002	0,009	0,076	FALSE
-0,037	0,313	-0,001	0,008	0,027	FALSE
-0,089	0,310	-0,002	0,010	0,092	FALSE
-0,042	0,297	0,000	0,007	0,022	FALSE
-0,012	0,304	-0,001	0,006	0,034	FALSE
0,015	0,313	0,001	0,006	0,029	FALSE
-0,003	0,310	0,000	0,007	0,010	FALSE
-0,064	0,298	-0,001	0,006	0,058	FALSE
-0,080	0,309	-0,004	0,010	0,153	FALSE
0,093	0,313	0,002	0,008	0,094	FALSE
-0,046	0,307	-0,001	0,010	0,045	FALSE
-0,037	0,311	-0,001	0,009	0,043	FALSE
-0,072	0,307	-0,001	0,007	0,071	FALSE
-0,065	0,311	-0,001	0,007	0,076	FALSE
0,060	0,299	0,003	0,012	0,089	FALSE
0,058	0,307	0,001	0,006	0,088	FALSE
0,072	0,320	0,003	0,010	0,103	FALSE
0,072	0,293	0,002	0,006	0,141	FALSE
0,000	0,307	0,000	0,013	0,001	FALSE
0,096	0,301	0,003	0,006	0,169	FALSE
-0,081	0,299	-0,001	0,006	0,078	FALSE
-0,095	0,295	-0,001	0,006	0,088	FALSE
-0,105	0,299	-0,002	0,006	0,104	FALSE
0,060	0,315	0,003	0,013	0,073	FALSE
0,207	0,301	0,009	0,012	0,332	FALSE
-0,060	0,313	-0,003	0,011	0,110	FALSE
0,091	0,317	0,002	0,008	0,072	FALSE
-0,111	0,307	-0,005	0,011	0,168	FALSE

0,009	0,308	0,000	0,006	0,015	FALSE
0,125	0,294	0,005	0,012	0,187	FALSE
0,130	0,303	0,004	0,009	0,180	FALSE
-0,195	0,299	-0,004	0,007	0,274	FALSE
0,077	0,300	0,003	0,009	0,121	FALSE
-0,089	0,307	-0,002	0,007	0,133	FALSE
0,042	0,300	0,001	0,008	0,042	FALSE
-0,054	0,297	-0,001	0,007	0,082	FALSE
-0,154	0,302	-0,004	0,008	0,222	FALSE
0,024	0,314	0,001	0,007	0,039	FALSE
-0,021	0,304	-0,001	0,012	0,026	FALSE
0,018	0,302	0,000	0,012	0,013	FALSE
0,017	0,314	0,000	0,010	0,000	FALSE
-0,028	0,321	-0,001	0,006	0,043	FALSE
-0,062	0,303	-0,001	0,007	0,070	FALSE
0,028	0,309	0,002	0,012	0,064	FALSE
0,077	0,305	0,002	0,006	0,093	FALSE
-0,050	0,302	-0,001	0,006	0,055	FALSE
0,061	0,298	0,003	0,009	0,115	FALSE
0,025	0,293	0,000	0,006	0,018	FALSE
0,110	0,307	0,004	0,010	0,153	FALSE
-0,007	0,310	0,000	0,007	0,022	FALSE
0,193	0,290	0,007	0,011	0,291	FALSE
0,018	0,313	0,001	0,012	0,034	FALSE
-0,030	0,309	-0,001	0,011	0,044	FALSE
-0,155	0,311	-0,004	0,009	0,180	FALSE
-0,073	0,321	-0,002	0,010	0,085	FALSE
0,031	0,303	0,000	0,007	0,023	FALSE
-0,021	0,319	0,000	0,008	0,021	FALSE
-0,114	0,296	-0,005	0,011	0,183	FALSE
0,112	0,321	0,005	0,012	0,186	FALSE
0,003	0,312	0,000	0,007	0,013	FALSE
0,131	0,304	0,006	0,012	0,207	FALSE
-0,043	0,307	-0,002	0,012	0,059	FALSE
-0,017	0,297	0,000	0,007	0,023	FALSE
-0,050	0,302	-0,001	0,007	0,072	FALSE
-0,009	0,292	0,000	0,007	0,022	FALSE
-0,016	0,304	-0,001	0,007	0,031	FALSE
0,058	0,314	0,002	0,009	0,086	FALSE
-0,021	0,290	-0,001	0,007	0,034	FALSE
-0,019	0,297	-0,001	0,007	0,030	FALSE
0,032	0,307	0,000	0,005	0,032	FALSE
0,023	0,302	0,000	0,006	0,025	FALSE
0,013	0,319	0,000	0,007	0,013	FALSE
0,015	0,304	0,000	0,006	0,017	FALSE
-0,003	0,299	0,000	0,008	0,020	FALSE
0,029	0,302	0,000	0,006	0,028	FALSE
-0,087	0,303	-0,003	0,009	0,125	FALSE
0,013	0,299	0,000	0,006	0,007	FALSE
0,000	0,307	0,000	0,007	0,010	FALSE
0,058	0,311	0,002	0,007	0,090	FALSE
0,044	0,311	0,001	0,009	0,038	FALSE
0,026	0,305	0,001	0,009	0,043	FALSE

-0,052	0,297	-0,002	0,011	0,073	FALSE
0,115	0,289	0,003	0,011	0,124	FALSE
-0,091	0,295	-0,003	0,012	0,091	FALSE
-0,082	0,305	-0,002	0,012	0,081	FALSE
-0,038	0,312	-0,001	0,011	0,019	FALSE
-0,103	0,303	-0,002	0,007	0,136	FALSE
0,005	0,301	0,000	0,008	0,017	FALSE
-0,014	0,313	0,000	0,009	0,000	FALSE
-0,046	0,295	-0,001	0,006	0,040	FALSE
0,141	0,304	0,003	0,008	0,169	FALSE
0,016	0,315	0,000	0,007	0,003	FALSE
-0,177	0,299	-0,008	0,012	0,270	FALSE
-0,080	0,305	-0,003	0,008	0,130	FALSE
-0,036	0,308	-0,001	0,010	0,037	FALSE
0,015	0,294	0,002	0,011	0,056	FALSE
0,048	0,318	0,002	0,013	0,050	FALSE
-0,051	0,300	-0,002	0,009	0,107	FALSE
-0,137	0,310	-0,006	0,010	0,237	FALSE
0,012	0,303	0,000	0,011	0,008	FALSE
-0,049	0,301	-0,001	0,007	0,059	FALSE
0,013	0,307	-0,001	0,011	0,037	FALSE
0,000	0,286	0,001	0,010	0,027	FALSE
-0,061	0,330	-0,002	0,009	0,076	FALSE
0,026	0,290	0,002	0,008	0,075	FALSE
0,042	0,295	0,000	0,012	0,004	FALSE
-0,016	0,299	-0,002	0,013	0,061	FALSE
-0,021	0,304	-0,003	0,013	0,080	FALSE
0,070	0,300	0,003	0,010	0,097	FALSE
0,115	0,308	0,004	0,010	0,165	FALSE
-0,002	0,312	0,000	0,011	0,010	FALSE
-0,061	0,314	-0,002	0,006	0,096	FALSE
-0,061	0,311	-0,001	0,007	0,079	FALSE
-0,133	0,313	-0,004	0,010	0,167	FALSE
-0,055	0,311	-0,002	0,008	0,069	FALSE
-0,010	0,314	0,000	0,008	0,015	FALSE
-0,042	0,320	-0,001	0,009	0,047	FALSE
0,098	0,301	0,003	0,008	0,134	FALSE
0,090	0,307	0,002	0,008	0,118	FALSE
0,090	0,308	0,003	0,007	0,134	FALSE
-0,045	0,311	-0,001	0,007	0,042	FALSE
0,048	0,291	0,002	0,009	0,080	FALSE
-0,004	0,315	0,000	0,010	0,012	FALSE
0,005	0,315	0,000	0,012	0,007	FALSE
0,097	0,306	0,003	0,009	0,126	FALSE
0,081	0,307	0,002	0,011	0,079	FALSE
-0,047	0,305	-0,001	0,009	0,040	FALSE
-0,050	0,288	-0,001	0,007	0,042	FALSE
-0,031	0,303	-0,001	0,010	0,025	FALSE
-0,078	0,307	-0,002	0,009	0,081	FALSE
-0,015	0,308	0,000	0,007	0,023	FALSE
-0,044	0,304	0,000	0,007	0,017	FALSE
-0,059	0,308	-0,001	0,007	0,029	FALSE
0,021	0,316	0,000	0,013	0,008	FALSE

0,117	0,296	0,003	0,007	0,147	FALSE
0,017	0,316	0,001	0,008	0,026	FALSE
-0,066	0,298	-0,002	0,009	0,107	FALSE
0,088	0,300	0,002	0,008	0,101	FALSE
0,020	0,311	0,001	0,007	0,028	FALSE
-0,107	0,295	-0,002	0,007	0,125	FALSE
0,116	0,314	0,003	0,008	0,145	FALSE
-0,106	0,315	-0,002	0,008	0,120	FALSE
-0,130	0,316	-0,003	0,007	0,183	FALSE
0,010	0,297	0,000	0,008	0,002	FALSE
-0,111	0,299	-0,003	0,009	0,150	FALSE
-0,123	0,310	-0,004	0,008	0,182	FALSE
0,141	0,298	0,005	0,010	0,215	FALSE
-0,052	0,314	-0,001	0,006	0,083	FALSE
-0,001	0,318	0,000	0,008	0,005	FALSE
0,001	0,314	0,001	0,012	0,018	FALSE
0,084	0,309	0,004	0,012	0,125	FALSE
0,082	0,302	0,002	0,006	0,110	FALSE
-0,029	0,309	-0,001	0,007	0,062	FALSE
-0,203	0,299	-0,007	0,010	0,317	FALSE
0,003	0,311	0,000	0,006	0,007	FALSE
0,063	0,304	0,003	0,012	0,083	FALSE
0,109	0,309	0,004	0,010	0,147	FALSE
-0,032	0,313	-0,002	0,010	0,058	FALSE
-0,009	0,311	-0,001	0,010	0,018	FALSE
-0,044	0,311	-0,002	0,009	0,074	FALSE
-0,180	0,310	-0,006	0,010	0,235	FALSE
-0,104	0,298	-0,002	0,006	0,161	FALSE
-0,034	0,314	-0,001	0,012	0,035	FALSE
-0,077	0,301	-0,002	0,006	0,127	FALSE
-0,060	0,299	-0,002	0,008	0,110	FALSE
-0,100	0,316	-0,004	0,012	0,144	FALSE
-0,026	0,313	-0,001	0,010	0,032	FALSE
0,052	0,297	0,003	0,012	0,079	FALSE
-0,052	0,299	-0,001	0,007	0,079	FALSE
-0,116	0,303	-0,005	0,012	0,154	FALSE
0,027	0,310	0,001	0,010	0,042	FALSE
0,030	0,304	0,001	0,011	0,035	FALSE
-0,114	0,314	-0,004	0,010	0,148	FALSE
0,115	0,302	0,003	0,006	0,191	FALSE
0,099	0,322	0,003	0,011	0,114	FALSE
0,119	0,314	0,005	0,011	0,171	FALSE
0,037	0,305	0,001	0,007	0,049	FALSE
-0,068	0,307	-0,002	0,007	0,094	FALSE
-0,126	0,312	-0,003	0,007	0,181	FALSE
0,022	0,305	0,001	0,007	0,039	FALSE
0,049	0,303	0,001	0,007	0,075	FALSE
0,022	0,303	0,000	0,012	0,005	FALSE
0,142	0,309	0,003	0,007	0,186	FALSE
0,007	0,315	0,001	0,013	0,020	FALSE
0,082	0,308	0,004	0,011	0,127	FALSE
0,019	0,305	0,001	0,012	0,032	FALSE
0,111	0,302	0,005	0,010	0,183	FALSE

-0,027	0,303	-0,001	0,010	0,027	FALSE
-0,049	0,299	-0,003	0,011	0,108	FALSE
0,055	0,317	0,002	0,008	0,087	FALSE
-0,066	0,300	-0,001	0,008	0,053	FALSE
0,101	0,319	0,003	0,012	0,102	FALSE
0,069	0,307	0,002	0,012	0,049	FALSE
0,023	0,304	0,001	0,010	0,035	FALSE
-0,077	0,308	-0,001	0,007	0,077	FALSE
0,074	0,299	0,002	0,009	0,095	FALSE
-0,009	0,295	-0,001	0,009	0,026	FALSE
0,049	0,308	0,002	0,013	0,061	FALSE
0,043	0,314	0,001	0,010	0,036	FALSE
0,063	0,315	0,002	0,010	0,062	FALSE
0,030	0,320	0,001	0,010	0,036	FALSE
0,041	0,313	0,001	0,010	0,054	FALSE
-0,116	0,295	-0,005	0,012	0,176	FALSE
-0,001	0,314	0,001	0,012	0,021	FALSE
0,023	0,299	0,001	0,011	0,039	FALSE
-0,042	0,300	-0,001	0,007	0,066	FALSE
-0,022	0,316	-0,001	0,012	0,036	FALSE
-0,075	0,303	-0,002	0,008	0,101	FALSE
0,035	0,297	0,001	0,007	0,081	FALSE
-0,088	0,310	-0,002	0,006	0,106	FALSE
-0,004	0,303	0,000	0,007	0,003	FALSE
0,039	0,312	0,002	0,012	0,063	FALSE
0,133	0,306	0,004	0,008	0,205	FALSE
-0,195	0,297	-0,005	0,008	0,290	FALSE
0,007	0,315	0,000	0,012	0,013	FALSE
-0,101	0,307	-0,005	0,013	0,156	FALSE
-0,005	0,311	0,000	0,009	0,015	FALSE
-0,021	0,304	0,000	0,009	0,012	FALSE
-0,008	0,306	-0,001	0,008	0,027	FALSE
0,055	0,316	0,001	0,008	0,033	FALSE
0,006	0,314	0,000	0,008	0,003	FALSE
0,204	0,305	0,004	0,007	0,271	FALSE
-0,027	0,312	-0,002	0,011	0,058	FALSE
-0,071	0,295	-0,002	0,006	0,129	FALSE
0,156	0,311	0,004	0,009	0,195	FALSE
0,031	0,315	0,001	0,011	0,037	FALSE
-0,071	0,306	-0,002	0,007	0,092	FALSE
0,015	0,311	0,001	0,008	0,022	FALSE
-0,005	0,305	0,000	0,008	0,003	FALSE
0,078	0,298	0,003	0,011	0,106	FALSE
-0,115	0,283	-0,004	0,008	0,189	FALSE
0,044	0,305	0,001	0,011	0,032	FALSE
0,044	0,315	0,001	0,010	0,047	FALSE
0,002	0,301	0,000	0,011	0,009	FALSE
-0,152	0,292	-0,007	0,011	0,253	FALSE
-0,055	0,301	-0,001	0,007	0,061	FALSE
-0,148	0,304	-0,006	0,012	0,231	FALSE
-0,041	0,309	-0,001	0,010	0,027	FALSE
-0,093	0,303	-0,003	0,011	0,091	FALSE
0,009	0,307	0,000	0,008	0,010	FALSE

0,009	0,317	0,001	0,011	0,020	FALSE
-0,021	0,297	0,000	0,008	0,010	FALSE
0,003	0,299	0,000	0,009	0,013	FALSE
-0,029	0,318	-0,001	0,012	0,037	FALSE
0,070	0,307	0,001	0,006	0,080	FALSE
-0,040	0,303	-0,001	0,009	0,033	FALSE
-0,038	0,315	-0,002	0,012	0,053	FALSE
-0,017	0,321	-0,001	0,011	0,029	FALSE
-0,013	0,315	-0,001	0,012	0,032	FALSE
0,037	0,312	0,001	0,008	0,053	FALSE
0,118	0,296	0,004	0,009	0,191	FALSE
0,045	0,312	0,001	0,007	0,030	FALSE
0,035	0,303	0,001	0,009	0,023	FALSE
0,065	0,305	0,002	0,006	0,091	FALSE
0,005	0,314	0,000	0,007	0,001	FALSE
-0,012	0,304	-0,001	0,007	0,025	FALSE
-0,016	0,303	-0,001	0,011	0,039	FALSE
-0,052	0,323	-0,002	0,012	0,073	FALSE
0,180	0,308	0,004	0,006	0,262	FALSE
0,170	0,311	0,004	0,007	0,265	FALSE
-0,095	0,307	-0,004	0,013	0,113	FALSE
0,137	0,303	0,005	0,012	0,193	FALSE
0,135	0,307	0,005	0,012	0,187	FALSE
-0,113	0,316	-0,005	0,012	0,184	FALSE
0,026	0,302	0,001	0,012	0,043	FALSE
-0,030	0,320	-0,002	0,012	0,053	FALSE
-0,004	0,308	0,000	0,007	0,025	FALSE
-0,031	0,305	-0,002	0,012	0,049	FALSE
0,024	0,308	0,000	0,006	0,021	FALSE
0,043	0,311	0,001	0,008	0,038	FALSE
-0,003	0,316	0,000	0,007	0,004	FALSE
0,046	0,312	0,002	0,011	0,077	FALSE
-0,067	0,305	-0,001	0,008	0,052	FALSE
0,047	0,304	0,002	0,011	0,079	FALSE
0,017	0,318	0,000	0,011	0,003	FALSE
0,071	0,315	0,002	0,012	0,070	FALSE
0,021	0,293	0,001	0,007	0,041	FALSE
0,002	0,324	0,001	0,010	0,022	FALSE
-0,008	0,312	0,000	0,011	0,009	FALSE
0,140	0,306	0,003	0,008	0,160	FALSE
-0,028	0,313	-0,001	0,013	0,042	TRUE
-0,081	0,303	-0,003	0,010	0,120	FALSE
-0,044	0,299	-0,002	0,008	0,093	FALSE
-0,074	0,304	-0,002	0,008	0,117	FALSE
-0,051	0,310	-0,002	0,007	0,086	FALSE
0,061	0,308	0,002	0,010	0,087	FALSE
0,102	0,315	0,004	0,013	0,121	FALSE
0,088	0,302	0,002	0,007	0,085	FALSE
-0,081	0,302	-0,004	0,012	0,127	FALSE
0,052	0,313	0,001	0,007	0,062	FALSE
0,055	0,313	0,001	0,007	0,052	FALSE
0,107	0,321	0,004	0,012	0,131	FALSE
-0,031	0,307	-0,001	0,007	0,073	FALSE

0,136	0,300	0,006	0,012	0,195	FALSE
0,102	0,317	0,004	0,011	0,146	FALSE
-0,111	0,298	-0,004	0,009	0,152	FALSE
0,039	0,303	0,001	0,012	0,036	FALSE
0,031	0,287	0,000	0,006	0,001	FALSE
0,001	0,322	0,000	0,013	0,002	FALSE
-0,057	0,321	-0,001	0,009	0,056	FALSE
0,012	0,306	0,001	0,011	0,026	FALSE
0,028	0,314	0,001	0,007	0,026	FALSE
-0,095	0,307	-0,002	0,007	0,132	FALSE
-0,061	0,300	-0,002	0,009	0,089	FALSE
-0,019	0,317	-0,001	0,013	0,025	FALSE
-0,040	0,312	-0,002	0,012	0,063	FALSE
-0,158	0,297	-0,007	0,013	0,252	FALSE
-0,031	0,301	-0,001	0,006	0,035	FALSE
-0,139	0,294	-0,003	0,008	0,172	FALSE
-0,026	0,298	-0,001	0,010	0,021	FALSE
0,012	0,312	0,001	0,012	0,026	FALSE
-0,013	0,296	-0,001	0,011	0,040	FALSE
0,005	0,306	0,000	0,007	0,024	FALSE
-0,066	0,297	-0,001	0,006	0,090	FALSE
0,089	0,294	0,002	0,006	0,141	FALSE
-0,058	0,308	-0,001	0,008	0,070	FALSE
-0,028	0,313	-0,002	0,011	0,053	FALSE
-0,040	0,314	-0,001	0,007	0,035	FALSE
0,047	0,308	0,001	0,008	0,053	FALSE
-0,037	0,302	0,000	0,007	0,023	FALSE
0,087	0,313	0,002	0,013	0,070	FALSE
0,157	0,304	0,006	0,012	0,215	FALSE
-0,034	0,309	0,000	0,008	0,021	FALSE
0,020	0,301	0,001	0,012	0,020	FALSE
0,068	0,305	0,001	0,007	0,066	FALSE
0,038	0,311	0,001	0,008	0,049	FALSE
-0,091	0,298	-0,003	0,007	0,146	FALSE
0,140	0,304	0,003	0,006	0,190	FALSE
0,065	0,300	0,002	0,010	0,079	FALSE
0,049	0,303	0,001	0,007	0,061	FALSE
0,028	0,288	0,001	0,007	0,028	FALSE
0,049	0,290	0,001	0,006	0,041	FALSE
-0,021	0,323	-0,001	0,009	0,031	FALSE
0,111	0,303	0,003	0,008	0,151	FALSE
-0,022	0,313	-0,001	0,009	0,021	FALSE
-0,048	0,309	-0,002	0,013	0,056	FALSE
0,068	0,305	0,002	0,007	0,098	FALSE
-0,016	0,299	0,000	0,008	0,017	FALSE
0,028	0,311	0,001	0,009	0,049	FALSE
0,138	0,311	0,003	0,007	0,180	FALSE
0,161	0,293	0,007	0,012	0,257	FALSE
0,149	0,300	0,006	0,012	0,221	FALSE
0,217	0,287	0,008	0,010	0,382	FALSE
0,228	0,292	0,010	0,012	0,373	FALSE
-0,129	0,302	-0,004	0,011	0,173	FALSE
-0,145	0,307	-0,004	0,011	0,162	FALSE

-0,115	0,311	-0,004	0,011	0,129	FALSE
0,031	0,320	0,001	0,007	0,057	FALSE
-0,087	0,312	-0,001	0,006	0,080	FALSE
-0,079	0,315	-0,002	0,013	0,067	FALSE
0,074	0,306	0,002	0,010	0,061	FALSE
0,097	0,317	0,003	0,011	0,090	FALSE
0,059	0,322	0,002	0,011	0,072	FALSE
-0,006	0,315	0,000	0,007	0,023	FALSE
-0,112	0,299	-0,004	0,010	0,146	FALSE
-0,122	0,284	-0,004	0,010	0,166	FALSE
-0,018	0,301	0,000	0,008	0,010	FALSE
0,054	0,284	0,002	0,009	0,068	FALSE
0,055	0,304	0,001	0,008	0,070	FALSE
0,027	0,294	0,001	0,011	0,026	FALSE
-0,079	0,304	-0,002	0,007	0,116	FALSE
-0,067	0,313	-0,002	0,009	0,075	FALSE
-0,139	0,307	-0,006	0,013	0,186	FALSE
0,101	0,301	0,002	0,007	0,135	FALSE
0,112	0,302	0,004	0,012	0,146	FALSE
0,011	0,301	0,001	0,007	0,035	FALSE
0,079	0,303	0,003	0,008	0,129	FALSE
-0,030	0,300	-0,001	0,012	0,037	FALSE
-0,085	0,305	-0,002	0,007	0,086	FALSE
0,018	0,322	0,001	0,007	0,029	FALSE
-0,060	0,307	-0,002	0,011	0,068	FALSE
-0,027	0,303	-0,001	0,008	0,040	FALSE
0,081	0,298	0,003	0,012	0,106	FALSE
-0,023	0,294	-0,001	0,009	0,036	FALSE
0,009	0,300	0,000	0,013	0,000	FALSE
-0,027	0,327	-0,001	0,012	0,028	FALSE
0,045	0,299	0,000	0,006	0,020	FALSE
-0,172	0,291	-0,005	0,009	0,244	FALSE
-0,038	0,311	-0,001	0,007	0,027	FALSE
-0,030	0,314	-0,001	0,007	0,058	FALSE
0,042	0,313	0,001	0,007	0,049	FALSE
0,044	0,300	0,001	0,006	0,059	FALSE
0,076	0,303	0,002	0,009	0,070	FALSE
0,072	0,311	0,003	0,013	0,095	FALSE
0,039	0,320	0,002	0,010	0,061	FALSE
-0,033	0,305	-0,002	0,013	0,059	FALSE
0,097	0,305	0,002	0,007	0,111	FALSE
0,089	0,315	0,002	0,007	0,097	FALSE
0,066	0,303	0,001	0,007	0,072	FALSE
0,074	0,314	0,002	0,008	0,076	FALSE
0,072	0,301	0,002	0,007	0,077	FALSE
0,036	0,315	0,001	0,007	0,037	FALSE
-0,076	0,308	-0,002	0,007	0,092	FALSE
-0,075	0,301	-0,004	0,012	0,121	FALSE
0,021	0,309	0,001	0,008	0,027	FALSE
-0,078	0,304	-0,003	0,009	0,115	FALSE
-0,047	0,292	-0,003	0,011	0,101	FALSE
-0,105	0,306	-0,004	0,013	0,130	FALSE
0,042	0,302	0,002	0,009	0,087	FALSE

-0,022	0,305	0,000	0,008	0,017	FALSE
0,055	0,302	0,001	0,006	0,063	FALSE
-0,105	0,312	-0,004	0,013	0,111	FALSE
0,096	0,311	0,002	0,007	0,145	FALSE
0,133	0,307	0,003	0,006	0,182	FALSE
0,066	0,304	0,001	0,012	0,044	FALSE
0,138	0,294	0,002	0,006	0,166	FALSE
-0,163	0,304	-0,004	0,008	0,219	FALSE
0,040	0,301	0,001	0,011	0,034	FALSE
-0,071	0,302	-0,002	0,008	0,080	FALSE
0,032	0,316	0,001	0,013	0,035	FALSE
-0,110	0,303	-0,003	0,009	0,123	FALSE
0,073	0,303	0,003	0,009	0,117	FALSE
-0,006	0,318	0,000	0,007	0,008	FALSE
0,028	0,300	0,001	0,006	0,037	FALSE
-0,012	0,320	0,000	0,012	0,006	FALSE
-0,026	0,308	-0,001	0,008	0,056	FALSE
-0,113	0,306	-0,003	0,008	0,133	FALSE
0,008	0,304	-0,001	0,011	0,018	FALSE
-0,053	0,308	-0,002	0,010	0,074	FALSE
0,052	0,302	0,002	0,012	0,071	FALSE
-0,097	0,302	-0,002	0,007	0,127	FALSE
0,057	0,324	0,002	0,013	0,048	FALSE
0,045	0,307	0,001	0,009	0,028	FALSE
-0,121	0,298	-0,003	0,008	0,177	FALSE
-0,035	0,299	0,000	0,006	0,012	FALSE
-0,021	0,308	0,000	0,007	0,013	FALSE
-0,113	0,306	-0,003	0,010	0,120	FALSE
0,018	0,311	0,001	0,013	0,016	FALSE
-0,123	0,296	-0,004	0,010	0,169	FALSE
-0,103	0,292	-0,004	0,010	0,145	FALSE
0,047	0,313	0,001	0,007	0,031	FALSE
-0,081	0,309	-0,002	0,006	0,121	FALSE
0,105	0,298	0,003	0,009	0,145	FALSE
-0,088	0,313	-0,004	0,012	0,116	FALSE
0,008	0,306	0,000	0,009	0,014	FALSE
0,065	0,304	0,003	0,013	0,101	FALSE
0,015	0,304	0,001	0,008	0,039	FALSE
0,019	0,311	0,000	0,006	0,007	FALSE
0,020	0,321	0,000	0,012	0,013	FALSE
0,032	0,307	0,001	0,007	0,063	FALSE
0,006	0,305	0,000	0,007	0,010	FALSE
0,134	0,309	0,004	0,008	0,193	FALSE
0,129	0,299	0,005	0,011	0,179	FALSE
0,054	0,294	0,001	0,009	0,037	FALSE
0,150	0,291	0,005	0,008	0,263	FALSE
0,146	0,292	0,005	0,008	0,269	FALSE
-0,127	0,309	-0,005	0,013	0,146	FALSE
0,025	0,316	0,001	0,009	0,039	FALSE
-0,008	0,304	0,000	0,006	0,016	FALSE
-0,016	0,305	0,000	0,013	0,013	FALSE
-0,020	0,301	0,000	0,009	0,002	FALSE
-0,132	0,303	-0,004	0,008	0,188	FALSE

-0,010	0,306	-0,001	0,011	0,033	FALSE
0,017	0,313	0,001	0,008	0,029	FALSE
-0,023	0,297	-0,001	0,009	0,038	FALSE
0,079	0,312	0,002	0,007	0,108	FALSE
-0,054	0,298	-0,001	0,008	0,053	FALSE
-0,034	0,298	-0,001	0,011	0,042	FALSE
0,002	0,318	0,000	0,007	0,018	FALSE
0,053	0,310	0,001	0,007	0,072	FALSE
-0,005	0,309	0,000	0,009	0,008	FALSE
-0,024	0,306	-0,001	0,007	0,041	FALSE
-0,041	0,291	0,000	0,009	0,008	FALSE
0,032	0,297	0,001	0,011	0,028	FALSE
-0,099	0,312	-0,002	0,009	0,090	FALSE
0,036	0,316	0,001	0,009	0,049	FALSE
0,001	0,310	0,000	0,008	0,002	FALSE
0,014	0,298	0,000	0,008	0,007	FALSE
0,013	0,299	0,000	0,010	0,015	FALSE
-0,065	0,301	-0,001	0,007	0,031	FALSE
0,027	0,305	0,001	0,006	0,048	FALSE
0,090	0,286	0,002	0,011	0,077	FALSE
-0,084	0,308	-0,002	0,010	0,101	FALSE
0,061	0,303	0,001	0,012	0,017	FALSE
0,076	0,310	0,003	0,012	0,105	FALSE
-0,002	0,307	0,000	0,009	0,013	FALSE
-0,047	0,307	-0,001	0,008	0,055	FALSE
0,160	0,306	0,004	0,010	0,171	FALSE
0,090	0,300	0,002	0,006	0,118	FALSE
-0,013	0,313	0,000	0,009	0,004	FALSE
-0,011	0,313	0,000	0,009	0,003	FALSE
-0,088	0,304	-0,004	0,009	0,158	FALSE
-0,084	0,299	-0,002	0,008	0,110	FALSE
-0,012	0,316	-0,001	0,008	0,055	FALSE
0,130	0,312	0,004	0,011	0,158	FALSE
-0,104	0,287	-0,003	0,007	0,148	FALSE
-0,007	0,302	0,000	0,007	0,004	FALSE
-0,036	0,309	-0,001	0,006	0,035	FALSE
-0,021	0,328	-0,001	0,010	0,026	FALSE
0,137	0,289	0,006	0,010	0,239	FALSE
-0,182	0,304	-0,005	0,008	0,267	FALSE
0,201	0,309	0,005	0,008	0,266	FALSE
0,163	0,307	0,003	0,007	0,205	FALSE
0,267	0,291	0,007	0,008	0,425	FALSE
0,243	0,277	0,006	0,008	0,391	FALSE
-0,062	0,307	-0,002	0,009	0,102	FALSE
-0,119	0,313	-0,003	0,008	0,155	FALSE
-0,124	0,300	-0,003	0,008	0,180	FALSE
-0,075	0,310	-0,001	0,007	0,081	FALSE
0,113	0,307	0,005	0,012	0,167	FALSE
-0,012	0,311	-0,001	0,007	0,029	FALSE
-0,009	0,310	-0,001	0,007	0,027	FALSE
0,007	0,313	0,000	0,008	0,003	FALSE
0,057	0,313	0,002	0,011	0,070	FALSE
0,041	0,311	0,002	0,012	0,061	FALSE

-0,112	0,315	-0,004	0,010	0,155	FALSE
0,175	0,318	0,005	0,011	0,201	FALSE
0,176	0,308	0,006	0,011	0,216	FALSE
-0,006	0,312	0,000	0,011	0,003	FALSE
-0,109	0,315	-0,004	0,013	0,107	FALSE
-0,099	0,292	-0,003	0,011	0,118	FALSE
-0,076	0,316	-0,003	0,011	0,097	FALSE
-0,107	0,303	-0,004	0,011	0,150	FALSE
-0,125	0,306	-0,005	0,011	0,169	FALSE
-0,019	0,310	-0,001	0,011	0,026	FALSE
-0,033	0,313	-0,001	0,008	0,036	FALSE
-0,028	0,308	-0,001	0,006	0,029	FALSE
0,038	0,312	0,001	0,007	0,040	FALSE
0,043	0,301	0,001	0,007	0,036	FALSE
0,031	0,318	0,001	0,006	0,085	FALSE
0,036	0,303	0,002	0,007	0,100	FALSE
0,028	0,309	0,001	0,012	0,017	FALSE
0,084	0,314	0,002	0,007	0,117	FALSE
0,041	0,303	0,001	0,009	0,047	FALSE
0,029	0,319	0,001	0,009	0,041	FALSE
0,027	0,316	0,001	0,009	0,034	FALSE
0,026	0,300	0,001	0,008	0,033	FALSE
0,011	0,315	0,000	0,009	0,013	FALSE
0,018	0,307	0,001	0,009	0,026	FALSE
-0,060	0,306	-0,002	0,009	0,093	FALSE
-0,042	0,314	-0,001	0,009	0,057	FALSE
0,164	0,309	0,005	0,010	0,232	FALSE
-0,029	0,299	0,000	0,008	0,004	FALSE
-0,037	0,309	-0,002	0,011	0,056	FALSE
0,031	0,302	0,001	0,009	0,042	FALSE
0,010	0,304	0,000	0,007	0,015	FALSE
-0,022	0,305	0,000	0,006	0,002	FALSE
-0,089	0,311	-0,003	0,010	0,104	FALSE
-0,097	0,296	-0,003	0,007	0,151	FALSE
0,064	0,306	0,002	0,008	0,081	FALSE
0,043	0,313	0,001	0,012	0,030	FALSE
0,087	0,297	0,003	0,007	0,152	FALSE
0,084	0,303	0,002	0,008	0,109	FALSE
0,123	0,303	0,004	0,007	0,214	FALSE
0,111	0,296	0,006	0,011	0,203	FALSE
0,072	0,317	0,002	0,009	0,080	FALSE
0,010	0,314	0,000	0,009	0,016	FALSE
0,028	0,332	0,001	0,007	0,033	FALSE
0,033	0,315	0,001	0,008	0,041	FALSE
-0,034	0,317	-0,001	0,008	0,036	FALSE
0,026	0,312	0,001	0,008	0,026	FALSE
0,055	0,310	0,002	0,008	0,075	FALSE
0,037	0,308	0,001	0,013	0,039	FALSE
0,013	0,304	0,000	0,012	0,004	FALSE
-0,061	0,303	-0,001	0,007	0,072	FALSE
-0,059	0,302	-0,001	0,007	0,059	FALSE
0,140	0,300	0,003	0,008	0,162	FALSE
-0,164	0,313	-0,005	0,009	0,252	FALSE

0,022	0,320	0,001	0,006	0,047	FALSE
-0,090	0,295	-0,005	0,012	0,165	FALSE
0,002	0,308	0,001	0,007	0,031	FALSE
0,018	0,312	0,000	0,007	0,005	FALSE
0,018	0,303	0,001	0,007	0,030	FALSE
0,023	0,299	0,001	0,012	0,028	FALSE
-0,051	0,297	-0,001	0,007	0,058	FALSE
0,029	0,296	0,001	0,008	0,049	FALSE
0,122	0,314	0,003	0,008	0,168	FALSE
-0,148	0,298	-0,007	0,012	0,231	FALSE
0,017	0,281	0,000	0,010	0,013	FALSE
0,060	0,313	0,002	0,010	0,075	FALSE
0,018	0,312	0,000	0,012	0,004	FALSE
0,023	0,303	0,001	0,007	0,037	FALSE
0,152	0,298	0,003	0,006	0,230	FALSE
0,010	0,300	0,000	0,012	0,008	FALSE
-0,174	0,313	-0,007	0,011	0,276	FALSE
0,189	0,306	0,006	0,009	0,275	FALSE
-0,001	0,299	-0,001	0,009	0,036	FALSE
0,057	0,314	0,001	0,007	0,070	FALSE
0,003	0,310	0,000	0,007	0,004	FALSE
-0,018	0,294	-0,001	0,008	0,034	FALSE
-0,034	0,314	-0,001	0,012	0,031	FALSE
0,013	0,314	0,001	0,012	0,023	FALSE
0,079	0,292	0,002	0,006	0,100	FALSE
-0,061	0,303	-0,003	0,010	0,100	FALSE
-0,102	0,316	-0,004	0,011	0,147	FALSE
-0,043	0,312	-0,002	0,013	0,042	FALSE
-0,025	0,308	-0,001	0,013	0,016	FALSE
0,114	0,314	0,004	0,012	0,155	FALSE
0,142	0,312	0,003	0,010	0,128	FALSE
-0,021	0,312	0,000	0,010	0,015	FALSE
-0,002	0,294	0,001	0,010	0,022	FALSE
0,008	0,312	0,000	0,007	0,022	FALSE
0,018	0,322	0,000	0,010	0,009	FALSE
0,020	0,307	0,001	0,008	0,039	FALSE
0,077	0,298	0,003	0,009	0,143	FALSE
-0,080	0,312	-0,002	0,008	0,095	FALSE
0,043	0,319	0,001	0,012	0,035	FALSE
-0,065	0,294	-0,002	0,006	0,126	FALSE
-0,024	0,310	-0,001	0,007	0,064	FALSE
0,062	0,299	0,003	0,011	0,089	FALSE
0,006	0,308	0,001	0,007	0,026	FALSE
-0,062	0,303	-0,001	0,012	0,039	FALSE
0,171	0,306	0,005	0,010	0,191	FALSE
0,105	0,305	0,003	0,009	0,146	FALSE
-0,060	0,314	-0,002	0,007	0,082	FALSE
-0,092	0,288	-0,003	0,006	0,178	FALSE
-0,045	0,315	-0,002	0,008	0,097	FALSE
-0,019	0,321	-0,002	0,013	0,044	FALSE
0,078	0,314	0,003	0,013	0,085	FALSE
0,049	0,314	0,001	0,010	0,051	FALSE
-0,010	0,288	0,000	0,012	0,001	FALSE

-0,119	0,307	-0,003	0,008	0,125	FALSE
0,046	0,307	0,002	0,010	0,068	FALSE
-0,090	0,305	-0,002	0,007	0,104	FALSE
0,028	0,306	0,001	0,006	0,044	FALSE
-0,064	0,300	-0,003	0,012	0,099	FALSE
-0,060	0,304	-0,002	0,008	0,074	FALSE
-0,060	0,304	-0,002	0,008	0,079	FALSE
-0,045	0,293	-0,002	0,008	0,072	FALSE
0,073	0,302	0,003	0,010	0,098	FALSE
-0,049	0,306	-0,001	0,008	0,060	FALSE
0,014	0,301	0,001	0,010	0,025	FALSE
0,033	0,300	0,001	0,010	0,041	FALSE
0,020	0,309	0,001	0,010	0,023	FALSE
0,033	0,319	0,001	0,012	0,041	FALSE
0,078	0,327	0,002	0,008	0,092	FALSE
-0,012	0,318	0,000	0,007	0,011	FALSE
-0,099	0,298	-0,003	0,010	0,115	FALSE
0,021	0,285	0,001	0,007	0,059	FALSE
-0,043	0,290	-0,002	0,012	0,067	FALSE
-0,043	0,289	-0,001	0,008	0,064	FALSE
0,096	0,304	0,004	0,012	0,118	FALSE
-0,014	0,315	-0,001	0,008	0,038	FALSE
-0,032	0,300	-0,002	0,013	0,058	FALSE
0,020	0,298	0,001	0,007	0,052	FALSE
-0,025	0,309	-0,001	0,008	0,026	FALSE
-0,061	0,298	-0,001	0,007	0,057	FALSE
0,113	0,310	0,003	0,007	0,160	FALSE
-0,212	0,292	-0,008	0,012	0,292	FALSE
-0,176	0,285	-0,007	0,012	0,237	FALSE
-0,137	0,304	-0,003	0,007	0,155	FALSE
0,187	0,302	0,007	0,013	0,240	FALSE
-0,051	0,308	-0,001	0,010	0,034	FALSE
0,079	0,304	0,002	0,008	0,093	FALSE
0,001	0,309	0,000	0,009	0,001	FALSE
-0,158	0,312	-0,005	0,009	0,246	FALSE
-0,017	0,314	0,000	0,006	0,023	FALSE
0,054	0,307	0,001	0,009	0,041	FALSE
-0,040	0,297	-0,002	0,011	0,065	FALSE
-0,063	0,326	-0,003	0,012	0,085	FALSE
-0,014	0,303	-0,002	0,008	0,071	FALSE
0,093	0,307	0,002	0,009	0,100	FALSE
0,143	0,321	0,004	0,009	0,211	FALSE
-0,059	0,304	-0,002	0,009	0,077	FALSE
-0,029	0,306	-0,001	0,009	0,027	FALSE
-0,048	0,309	-0,002	0,009	0,088	FALSE
0,160	0,301	0,005	0,010	0,230	FALSE
-0,083	0,302	-0,001	0,008	0,070	FALSE
-0,006	0,305	0,000	0,008	0,016	FALSE
0,008	0,303	0,001	0,009	0,051	FALSE
-0,157	0,308	-0,006	0,012	0,203	FALSE
-0,023	0,309	0,000	0,007	0,012	FALSE
0,051	0,304	0,002	0,010	0,087	FALSE
-0,002	0,313	0,000	0,007	0,002	FALSE

0,026	0,297	0,001	0,009	0,024	FALSE
0,125	0,296	0,002	0,007	0,131	FALSE
0,141	0,292	0,008	0,012	0,266	FALSE
0,108	0,306	0,003	0,010	0,141	FALSE
-0,048	0,308	-0,002	0,011	0,069	FALSE
0,027	0,315	0,002	0,011	0,050	FALSE
0,078	0,292	0,003	0,008	0,136	FALSE
-0,040	0,311	-0,001	0,007	0,045	FALSE
0,024	0,307	0,001	0,010	0,044	FALSE
-0,072	0,319	-0,002	0,008	0,084	FALSE
0,021	0,314	0,000	0,012	0,007	FALSE
-0,057	0,316	-0,002	0,013	0,065	FALSE
0,058	0,306	0,002	0,013	0,062	FALSE
-0,012	0,304	0,000	0,010	0,001	FALSE
-0,096	0,301	-0,001	0,006	0,089	FALSE
-0,141	0,292	-0,006	0,012	0,208	FALSE
0,043	0,319	0,001	0,007	0,076	FALSE
0,010	0,292	0,000	0,010	0,009	FALSE
-0,062	0,328	-0,002	0,009	0,091	FALSE
-0,045	0,296	-0,001	0,008	0,025	FALSE
0,202	0,280	0,009	0,011	0,372	FALSE
-0,012	0,322	0,000	0,008	0,016	FALSE
0,084	0,305	0,003	0,009	0,117	FALSE
0,147	0,297	0,005	0,011	0,212	FALSE
-0,092	0,306	-0,002	0,007	0,110	FALSE
0,080	0,296	0,003	0,012	0,113	FALSE
0,019	0,301	0,000	0,007	0,023	FALSE
-0,100	0,303	-0,004	0,010	0,144	FALSE
-0,039	0,300	-0,002	0,012	0,055	FALSE
-0,044	0,311	-0,001	0,010	0,051	FALSE
-0,040	0,319	-0,001	0,010	0,054	FALSE
0,052	0,301	0,001	0,007	0,066	FALSE
0,005	0,299	-0,001	0,007	0,034	FALSE
-0,061	0,308	-0,001	0,006	0,087	FALSE
0,045	0,314	0,001	0,008	0,041	FALSE
0,041	0,302	0,001	0,008	0,033	FALSE
-0,060	0,299	-0,002	0,011	0,082	FALSE
0,013	0,310	0,000	0,013	0,004	FALSE
0,104	0,311	0,005	0,012	0,172	FALSE
-0,078	0,313	-0,002	0,007	0,104	FALSE
-0,009	0,317	-0,001	0,008	0,046	FALSE
0,031	0,316	0,000	0,008	0,005	FALSE
0,068	0,306	0,004	0,012	0,135	FALSE
-0,073	0,308	-0,003	0,010	0,125	FALSE
-0,056	0,311	-0,001	0,009	0,049	FALSE
-0,080	0,303	-0,002	0,009	0,095	FALSE
-0,031	0,303	0,000	0,008	0,017	FALSE
-0,044	0,306	-0,001	0,009	0,030	FALSE
-0,107	0,300	-0,004	0,009	0,163	FALSE
0,070	0,305	0,003	0,012	0,093	FALSE
0,176	0,295	0,006	0,009	0,304	FALSE
-0,079	0,302	-0,002	0,007	0,103	FALSE
0,025	0,305	0,000	0,010	0,014	FALSE

-0,071	0,304	-0,002	0,009	0,086	FALSE
0,177	0,304	0,004	0,006	0,272	FALSE
-0,004	0,306	0,000	0,007	0,005	FALSE
-0,034	0,307	-0,001	0,008	0,050	FALSE
-0,019	0,321	-0,001	0,008	0,023	FALSE
-0,109	0,312	-0,004	0,010	0,147	FALSE
0,041	0,301	0,001	0,006	0,037	FALSE
-0,049	0,294	-0,001	0,006	0,079	FALSE
0,070	0,324	0,002	0,010	0,082	FALSE
0,085	0,305	0,003	0,007	0,133	FALSE
0,087	0,301	0,003	0,007	0,139	FALSE
-0,032	0,310	-0,002	0,010	0,058	FALSE
0,060	0,315	0,003	0,010	0,097	FALSE
-0,045	0,299	-0,001	0,008	0,053	FALSE
-0,124	0,306	-0,004	0,010	0,184	FALSE
-0,144	0,298	-0,004	0,008	0,206	FALSE
0,052	0,296	0,001	0,008	0,054	FALSE
-0,039	0,314	-0,001	0,008	0,057	FALSE
-0,150	0,300	-0,004	0,008	0,210	FALSE
-0,153	0,299	-0,004	0,008	0,227	FALSE
-0,003	0,303	0,001	0,011	0,020	FALSE
-0,011	0,300	0,000	0,009	0,019	FALSE
-0,007	0,306	0,000	0,009	0,020	FALSE
0,087	0,304	0,002	0,009	0,101	FALSE
0,085	0,302	0,002	0,008	0,111	FALSE
0,102	0,316	0,003	0,009	0,140	FALSE
-0,001	0,314	0,001	0,011	0,025	FALSE
0,048	0,314	0,001	0,007	0,060	FALSE
0,026	0,307	0,001	0,009	0,025	FALSE
0,003	0,309	-0,001	0,007	0,024	FALSE
0,003	0,296	0,000	0,006	0,004	FALSE
0,076	0,306	0,004	0,013	0,109	FALSE
-0,135	0,317	-0,003	0,007	0,170	FALSE
-0,003	0,311	0,000	0,009	0,001	FALSE
0,003	0,303	0,000	0,010	0,009	FALSE
0,043	0,308	0,002	0,009	0,065	FALSE
-0,015	0,313	-0,001	0,006	0,033	FALSE
-0,045	0,299	-0,001	0,012	0,029	FALSE
0,017	0,290	0,001	0,012	0,035	FALSE
-0,003	0,306	0,001	0,012	0,024	FALSE
-0,075	0,289	-0,002	0,011	0,075	FALSE
0,071	0,310	0,002	0,013	0,073	FALSE
0,000	0,289	0,001	0,007	0,044	FALSE
0,133	0,313	0,004	0,008	0,185	FALSE
0,103	0,294	0,002	0,006	0,154	FALSE
-0,104	0,315	-0,003	0,011	0,117	FALSE
-0,103	0,308	-0,004	0,010	0,152	FALSE
0,008	0,312	0,000	0,007	0,006	FALSE
0,075	0,310	0,002	0,006	0,101	FALSE
-0,056	0,297	-0,002	0,012	0,073	FALSE
-0,028	0,310	0,000	0,006	0,009	FALSE
-0,054	0,316	-0,002	0,012	0,070	FALSE
0,078	0,297	0,004	0,012	0,131	FALSE

-0,027	0,310	0,000	0,006	0,005	FALSE
0,096	0,290	0,005	0,011	0,181	FALSE
-0,072	0,288	-0,001	0,006	0,056	FALSE
-0,015	0,305	0,000	0,007	0,014	FALSE
-0,121	0,305	-0,003	0,007	0,191	FALSE
-0,127	0,322	-0,004	0,008	0,190	FALSE
-0,129	0,311	-0,003	0,006	0,170	FALSE
-0,200	0,291	-0,006	0,009	0,310	FALSE
-0,167	0,297	-0,005	0,010	0,234	FALSE
0,089	0,295	0,003	0,011	0,106	FALSE
0,011	0,307	0,000	0,006	0,009	FALSE
0,101	0,313	0,004	0,012	0,132	FALSE
-0,012	0,299	0,000	0,010	0,011	FALSE
0,191	0,294	0,006	0,010	0,288	FALSE
0,013	0,309	0,000	0,008	0,005	FALSE
0,038	0,308	0,001	0,012	0,042	FALSE
0,027	0,307	0,001	0,008	0,024	FALSE
-0,072	0,307	-0,003	0,011	0,092	FALSE
-0,095	0,309	-0,003	0,009	0,127	FALSE
-0,037	0,317	-0,001	0,007	0,053	FALSE
0,039	0,303	0,001	0,008	0,027	FALSE
0,167	0,308	0,007	0,013	0,215	FALSE
0,014	0,303	0,000	0,008	0,009	FALSE
-0,114	0,293	-0,003	0,009	0,134	FALSE
-0,093	0,302	-0,004	0,009	0,160	FALSE
0,018	0,305	0,000	0,009	0,019	FALSE
-0,158	0,314	-0,006	0,012	0,225	FALSE
-0,087	0,313	-0,002	0,009	0,090	FALSE
-0,125	0,307	-0,003	0,008	0,143	FALSE
0,009	0,307	0,000	0,009	0,002	FALSE
-0,009	0,297	0,000	0,009	0,014	FALSE
0,008	0,299	0,000	0,006	0,019	FALSE
-0,014	0,309	-0,001	0,007	0,035	FALSE
-0,114	0,312	-0,003	0,009	0,137	FALSE
0,099	0,313	0,002	0,008	0,107	FALSE
-0,008	0,325	-0,001	0,010	0,026	FALSE
0,010	0,310	0,001	0,008	0,025	FALSE
-0,025	0,298	-0,001	0,008	0,057	FALSE
0,084	0,317	0,004	0,012	0,120	FALSE
0,052	0,315	0,001	0,007	0,065	FALSE
0,014	0,301	0,001	0,011	0,018	FALSE
0,024	0,322	0,001	0,010	0,020	FALSE
-0,038	0,308	-0,001	0,008	0,046	FALSE
0,041	0,300	0,001	0,007	0,076	FALSE
-0,024	0,306	-0,001	0,012	0,040	FALSE
0,025	0,323	0,000	0,007	0,011	FALSE
0,012	0,310	0,000	0,007	0,007	FALSE
-0,101	0,306	-0,004	0,012	0,141	FALSE
-0,036	0,310	0,000	0,009	0,015	FALSE
-0,044	0,302	-0,001	0,009	0,025	FALSE
0,073	0,291	0,002	0,007	0,121	FALSE
0,057	0,300	0,002	0,007	0,094	FALSE
0,035	0,304	0,002	0,008	0,073	FALSE

0,036	0,305	0,001	0,010	0,025	FALSE
0,008	0,293	0,000	0,009	0,006	FALSE
0,011	0,306	0,000	0,009	0,003	FALSE
0,014	0,299	0,000	0,008	0,006	FALSE
-0,043	0,308	-0,001	0,008	0,064	FALSE
-0,010	0,313	0,000	0,007	0,008	FALSE
-0,068	0,312	-0,002	0,009	0,076	FALSE
0,014	0,319	0,000	0,007	0,018	FALSE
0,045	0,306	0,002	0,011	0,058	FALSE
0,031	0,299	0,001	0,008	0,056	FALSE
0,015	0,310	0,000	0,009	0,017	FALSE
-0,051	0,312	-0,002	0,010	0,075	FALSE
-0,027	0,307	-0,002	0,011	0,075	FALSE
0,129	0,297	0,002	0,006	0,134	FALSE
-0,037	0,285	0,000	0,009	0,018	FALSE
0,089	0,316	0,004	0,012	0,118	FALSE
-0,065	0,285	-0,001	0,009	0,026	FALSE
-0,020	0,309	0,000	0,011	0,004	FALSE
-0,030	0,300	-0,002	0,011	0,063	FALSE
0,094	0,300	0,003	0,009	0,135	FALSE
0,046	0,313	0,002	0,013	0,062	FALSE
0,100	0,303	0,005	0,012	0,152	FALSE
0,108	0,314	0,005	0,012	0,154	FALSE
0,093	0,303	0,005	0,012	0,163	FALSE
0,084	0,308	0,005	0,012	0,154	FALSE
0,000	0,318	-0,001	0,010	0,025	FALSE
-0,018	0,303	-0,001	0,012	0,038	FALSE
0,001	0,318	0,000	0,010	0,007	FALSE
0,035	0,302	0,001	0,007	0,061	FALSE
-0,033	0,299	-0,001	0,008	0,041	FALSE
0,068	0,306	0,002	0,012	0,077	FALSE
-0,023	0,295	0,000	0,008	0,018	FALSE
0,029	0,307	0,002	0,013	0,049	FALSE
-0,152	0,305	-0,006	0,012	0,235	FALSE
-0,089	0,313	-0,003	0,008	0,136	FALSE
0,005	0,316	0,001	0,012	0,027	FALSE
0,083	0,299	0,002	0,006	0,130	FALSE
-0,019	0,299	0,000	0,010	0,006	FALSE
-0,010	0,305	0,000	0,009	0,013	FALSE
-0,024	0,313	-0,001	0,012	0,033	FALSE
-0,122	0,308	-0,004	0,009	0,203	FALSE
-0,006	0,301	-0,001	0,012	0,019	FALSE
-0,123	0,313	-0,004	0,009	0,192	FALSE
-0,126	0,296	-0,005	0,009	0,207	FALSE
-0,139	0,322	-0,005	0,009	0,218	FALSE
0,203	0,302	0,007	0,012	0,267	FALSE
-0,056	0,303	-0,002	0,009	0,076	FALSE
-0,015	0,313	0,000	0,007	0,016	FALSE
-0,008	0,301	0,000	0,008	0,007	FALSE
-0,022	0,307	-0,001	0,007	0,031	FALSE
0,025	0,312	0,000	0,007	0,013	FALSE
0,003	0,324	0,000	0,007	0,011	FALSE
0,074	0,298	0,002	0,012	0,057	FALSE

-0,016	0,302	0,000	0,010	0,006	FALSE
-0,084	0,308	-0,004	0,013	0,117	FALSE
0,050	0,300	0,001	0,006	0,043	FALSE
-0,074	0,314	-0,002	0,009	0,105	FALSE
0,131	0,300	0,004	0,010	0,142	FALSE
0,088	0,297	0,002	0,007	0,125	FALSE
0,112	0,320	0,003	0,008	0,173	FALSE
0,047	0,310	0,002	0,012	0,067	FALSE
-0,012	0,314	0,000	0,010	0,011	FALSE
0,018	0,306	0,000	0,006	0,020	FALSE
0,071	0,296	0,001	0,007	0,059	FALSE
0,059	0,303	0,002	0,006	0,111	FALSE
-0,061	0,305	-0,001	0,007	0,071	FALSE
0,079	0,301	0,003	0,012	0,082	FALSE
-0,016	0,300	0,000	0,006	0,017	FALSE
-0,029	0,304	0,000	0,007	0,008	FALSE
0,007	0,309	0,000	0,009	0,017	FALSE
-0,029	0,309	-0,001	0,007	0,031	FALSE
0,030	0,314	0,001	0,006	0,047	FALSE
0,039	0,318	0,001	0,012	0,041	FALSE
0,019	0,298	0,000	0,009	0,013	FALSE
-0,121	0,304	-0,005	0,009	0,212	FALSE
-0,042	0,308	-0,001	0,008	0,037	FALSE
-0,004	0,301	0,000	0,008	0,003	FALSE
-0,087	0,318	-0,002	0,008	0,085	FALSE
0,136	0,316	0,005	0,011	0,182	FALSE
0,125	0,309	0,005	0,011	0,176	FALSE
0,173	0,305	0,006	0,010	0,280	FALSE
0,137	0,317	0,005	0,010	0,189	FALSE
-0,008	0,305	0,000	0,006	0,001	FALSE
-0,001	0,305	0,001	0,011	0,018	FALSE
-0,076	0,300	-0,004	0,011	0,142	FALSE
-0,014	0,322	0,000	0,010	0,006	FALSE
0,018	0,295	0,000	0,009	0,008	FALSE
0,029	0,316	0,001	0,010	0,038	FALSE
-0,094	0,293	-0,003	0,010	0,122	FALSE
-0,082	0,307	-0,002	0,008	0,079	FALSE
-0,050	0,311	-0,002	0,009	0,062	FALSE
0,202	0,296	0,005	0,007	0,321	FALSE
0,065	0,294	0,001	0,006	0,044	FALSE
0,015	0,317	-0,001	0,012	0,021	FALSE
0,054	0,294	0,001	0,009	0,030	FALSE
-0,177	0,295	-0,006	0,012	0,228	FALSE
-0,186	0,296	-0,006	0,012	0,229	FALSE
0,012	0,309	0,000	0,007	0,006	FALSE
-0,062	0,310	-0,002	0,013	0,057	FALSE
0,010	0,298	0,000	0,012	0,007	FALSE
-0,072	0,306	-0,003	0,012	0,085	FALSE
-0,015	0,299	-0,001	0,008	0,039	FALSE
0,050	0,312	0,001	0,007	0,064	FALSE
0,060	0,291	0,002	0,008	0,100	FALSE
-0,035	0,294	-0,001	0,010	0,023	FALSE
-0,037	0,327	-0,001	0,008	0,037	FALSE

0,058	0,309	0,001	0,007	0,060	FALSE
0,013	0,306	0,001	0,012	0,020	FALSE
-0,075	0,307	-0,003	0,011	0,085	FALSE
0,137	0,314	0,004	0,008	0,205	FALSE
-0,008	0,298	0,000	0,010	0,009	FALSE
-0,097	0,308	-0,002	0,007	0,143	FALSE
0,012	0,306	0,000	0,011	0,007	FALSE
-0,128	0,320	-0,003	0,008	0,142	FALSE
0,066	0,308	0,002	0,010	0,078	FALSE
-0,112	0,316	-0,004	0,012	0,149	FALSE
0,097	0,310	0,003	0,011	0,094	FALSE
-0,123	0,300	-0,003	0,006	0,164	FALSE
0,024	0,306	0,002	0,012	0,054	FALSE
-0,041	0,301	-0,002	0,009	0,076	FALSE
-0,123	0,306	-0,005	0,010	0,195	FALSE
-0,135	0,294	-0,005	0,009	0,218	FALSE
-0,010	0,291	-0,001	0,009	0,029	FALSE
-0,106	0,296	-0,003	0,007	0,153	FALSE
-0,008	0,303	-0,001	0,006	0,031	FALSE
0,016	0,314	0,000	0,008	0,018	FALSE
-0,008	0,311	-0,001	0,011	0,030	FALSE
-0,073	0,315	-0,002	0,008	0,085	FALSE
0,136	0,308	0,004	0,008	0,203	FALSE
0,134	0,292	0,004	0,008	0,211	FALSE
-0,144	0,292	-0,004	0,008	0,233	FALSE
0,041	0,316	0,001	0,009	0,033	FALSE
-0,079	0,301	-0,003	0,012	0,079	FALSE
-0,116	0,297	-0,006	0,012	0,213	FALSE
0,096	0,304	0,004	0,011	0,132	FALSE
-0,008	0,306	0,000	0,011	0,010	FALSE
-0,078	0,307	-0,002	0,009	0,088	FALSE
-0,124	0,297	-0,005	0,012	0,153	FALSE
-0,031	0,312	-0,001	0,010	0,021	FALSE
-0,041	0,314	-0,001	0,010	0,027	FALSE
-0,009	0,309	0,000	0,013	0,011	FALSE
-0,081	0,308	-0,003	0,008	0,135	FALSE
-0,089	0,310	-0,003	0,007	0,142	FALSE
-0,097	0,299	-0,003	0,008	0,142	FALSE
0,042	0,315	0,002	0,012	0,050	FALSE
-0,083	0,303	-0,003	0,009	0,118	FALSE
0,133	0,296	0,002	0,006	0,143	FALSE
0,118	0,285	0,004	0,008	0,180	FALSE
-0,020	0,308	0,000	0,011	0,015	FALSE
-0,124	0,308	-0,003	0,009	0,151	FALSE
-0,102	0,325	-0,003	0,009	0,111	FALSE
-0,038	0,307	-0,001	0,007	0,037	FALSE
0,013	0,310	0,000	0,006	0,009	FALSE
-0,142	0,311	-0,005	0,010	0,210	TRUE
0,088	0,297	0,003	0,010	0,104	FALSE
0,072	0,300	0,002	0,006	0,140	FALSE
-0,026	0,308	0,000	0,009	0,010	FALSE
-0,064	0,303	-0,003	0,013	0,083	FALSE
0,109	0,307	0,002	0,006	0,109	FALSE

0,103	0,302	0,004	0,009	0,160	FALSE
-0,016	0,316	0,000	0,008	0,020	FALSE
0,079	0,306	0,003	0,011	0,095	FALSE
0,034	0,314	0,001	0,007	0,039	FALSE
-0,104	0,313	-0,002	0,008	0,128	FALSE
-0,044	0,322	-0,001	0,007	0,062	FALSE
0,034	0,300	0,001	0,008	0,059	FALSE
0,016	0,319	0,000	0,012	0,010	FALSE
-0,038	0,303	-0,001	0,010	0,049	FALSE
-0,045	0,311	-0,002	0,010	0,057	FALSE
0,061	0,300	0,003	0,013	0,095	FALSE
-0,044	0,300	-0,002	0,009	0,061	FALSE
0,076	0,295	0,003	0,008	0,178	FALSE
-0,028	0,300	-0,001	0,012	0,040	FALSE
0,064	0,303	0,001	0,008	0,053	FALSE
0,037	0,297	0,001	0,009	0,041	FALSE
0,000	0,302	0,000	0,007	0,004	FALSE
-0,039	0,318	-0,001	0,007	0,045	FALSE
0,051	0,297	0,001	0,012	0,039	FALSE
0,004	0,300	0,000	0,006	0,023	FALSE
0,141	0,305	0,003	0,006	0,203	FALSE
0,153	0,285	0,005	0,010	0,225	FALSE
0,057	0,308	0,001	0,009	0,060	FALSE
-0,046	0,312	-0,001	0,007	0,057	FALSE
-0,031	0,325	-0,001	0,013	0,021	FALSE
0,044	0,291	0,003	0,012	0,093	FALSE
-0,002	0,303	0,001	0,011	0,033	FALSE
-0,030	0,306	0,000	0,012	0,006	FALSE
0,021	0,306	0,002	0,012	0,047	FALSE
-0,121	0,299	-0,003	0,007	0,196	FALSE
-0,066	0,311	-0,003	0,009	0,113	FALSE
0,065	0,315	0,003	0,012	0,077	FALSE
0,044	0,299	0,002	0,012	0,058	FALSE
-0,003	0,319	0,000	0,007	0,019	FALSE
0,010	0,302	0,000	0,007	0,006	FALSE
0,047	0,291	0,001	0,007	0,052	FALSE
0,023	0,317	0,000	0,008	0,014	FALSE
-0,013	0,301	0,000	0,007	0,020	FALSE
0,018	0,319	0,000	0,008	0,012	FALSE
0,008	0,312	0,000	0,012	0,007	FALSE
0,108	0,302	0,004	0,010	0,136	FALSE
0,026	0,298	0,001	0,010	0,044	FALSE
0,059	0,309	0,003	0,012	0,081	FALSE
0,086	0,301	0,003	0,011	0,101	FALSE
-0,023	0,306	0,000	0,010	0,009	FALSE
0,015	0,308	0,000	0,007	0,013	FALSE
-0,048	0,309	-0,002	0,012	0,073	FALSE
-0,024	0,312	0,000	0,010	0,005	FALSE
-0,059	0,305	-0,002	0,010	0,088	FALSE
0,110	0,307	0,002	0,007	0,126	FALSE
-0,010	0,310	0,000	0,007	0,008	FALSE
0,016	0,292	0,001	0,010	0,033	FALSE
0,032	0,306	0,001	0,007	0,057	FALSE

-0,105	0,307	-0,003	0,010	0,131	FALSE
0,123	0,302	0,003	0,007	0,196	FALSE
0,139	0,290	0,003	0,006	0,187	FALSE
-0,132	0,314	-0,005	0,012	0,186	FALSE
0,096	0,307	0,003	0,010	0,108	FALSE
-0,072	0,301	-0,001	0,009	0,063	FALSE
0,014	0,296	0,000	0,007	0,017	FALSE
-0,065	0,306	-0,002	0,009	0,066	FALSE
-0,079	0,305	-0,002	0,007	0,093	FALSE
0,076	0,300	0,002	0,009	0,087	FALSE
-0,016	0,306	0,000	0,008	0,007	FALSE
-0,031	0,295	0,000	0,008	0,020	FALSE
0,102	0,304	0,003	0,007	0,158	FALSE
-0,068	0,307	-0,001	0,006	0,047	FALSE
-0,051	0,307	-0,002	0,011	0,078	FALSE
0,018	0,310	0,000	0,008	0,013	FALSE
-0,049	0,310	-0,002	0,013	0,071	FALSE
0,075	0,305	0,001	0,008	0,062	FALSE
-0,105	0,296	-0,002	0,006	0,120	FALSE
0,008	0,314	0,000	0,006	0,010	FALSE
0,108	0,297	0,003	0,008	0,154	FALSE
0,057	0,310	0,002	0,010	0,060	FALSE
0,026	0,305	0,001	0,009	0,050	FALSE
-0,056	0,304	-0,002	0,009	0,103	FALSE
-0,028	0,316	-0,001	0,007	0,032	FALSE
0,050	0,320	0,001	0,009	0,053	FALSE
0,014	0,308	0,001	0,006	0,033	FALSE
-0,072	0,303	-0,003	0,008	0,142	FALSE
0,020	0,286	0,000	0,007	0,009	FALSE
-0,031	0,297	-0,001	0,008	0,024	FALSE
0,132	0,301	0,004	0,010	0,174	FALSE
-0,064	0,307	-0,001	0,006	0,074	FALSE
0,154	0,309	0,005	0,011	0,197	FALSE
0,131	0,304	0,005	0,012	0,163	FALSE
-0,020	0,302	0,000	0,011	0,014	FALSE
-0,026	0,308	-0,001	0,013	0,024	FALSE
0,151	0,291	0,007	0,012	0,260	FALSE
0,067	0,303	0,002	0,007	0,108	FALSE
0,064	0,313	0,002	0,011	0,054	FALSE
0,102	0,310	0,004	0,012	0,129	FALSE
-0,057	0,317	-0,002	0,013	0,045	FALSE
-0,073	0,307	-0,002	0,012	0,076	FALSE
-0,002	0,284	-0,001	0,009	0,022	FALSE
-0,084	0,299	-0,003	0,010	0,137	FALSE
-0,085	0,293	-0,003	0,010	0,121	FALSE
-0,005	0,316	0,000	0,012	0,012	FALSE
0,033	0,317	0,001	0,012	0,036	FALSE
-0,025	0,323	-0,001	0,009	0,024	FALSE
-0,070	0,305	-0,002	0,007	0,095	FALSE
-0,013	0,285	0,000	0,007	0,016	FALSE
0,024	0,307	0,001	0,008	0,043	FALSE
0,096	0,303	0,004	0,011	0,131	FALSE
-0,072	0,297	-0,001	0,008	0,051	FALSE

-0,101	0,301	-0,002	0,008	0,115	FALSE
-0,038	0,304	-0,001	0,011	0,039	FALSE
0,096	0,310	0,002	0,007	0,114	FALSE
0,079	0,299	0,002	0,007	0,094	FALSE
-0,040	0,298	-0,001	0,010	0,019	FALSE
-0,055	0,300	-0,001	0,009	0,058	FALSE
-0,006	0,312	0,000	0,009	0,016	FALSE
0,090	0,304	0,002	0,008	0,104	FALSE
0,070	0,303	0,003	0,013	0,091	FALSE
0,117	0,303	0,003	0,008	0,178	FALSE
0,136	0,312	0,005	0,012	0,162	FALSE
-0,123	0,306	-0,003	0,008	0,139	FALSE
0,163	0,297	0,007	0,012	0,275	FALSE
-0,095	0,300	-0,002	0,008	0,094	FALSE
-0,099	0,314	-0,004	0,011	0,135	FALSE
0,051	0,303	0,001	0,007	0,073	FALSE
-0,015	0,298	-0,001	0,012	0,028	FALSE
-0,071	0,314	-0,001	0,007	0,076	FALSE
-0,124	0,313	-0,005	0,012	0,183	FALSE
0,073	0,295	0,002	0,008	0,086	FALSE
0,011	0,314	0,000	0,012	0,006	FALSE
-0,111	0,302	-0,003	0,008	0,143	FALSE
-0,130	0,321	-0,005	0,010	0,206	FALSE
-0,014	0,317	-0,001	0,010	0,020	FALSE
0,052	0,302	0,001	0,007	0,064	FALSE
-0,011	0,296	-0,001	0,012	0,033	FALSE
-0,113	0,306	-0,004	0,008	0,188	FALSE
0,172	0,285	0,004	0,007	0,234	FALSE
-0,004	0,322	0,000	0,008	0,008	FALSE
0,182	0,307	0,004	0,008	0,245	FALSE
0,095	0,301	0,002	0,007	0,114	FALSE
0,032	0,303	0,002	0,009	0,067	FALSE
-0,060	0,305	-0,001	0,008	0,074	FALSE
0,019	0,298	0,001	0,011	0,016	FALSE
-0,176	0,291	-0,004	0,007	0,233	FALSE
-0,150	0,305	-0,006	0,013	0,184	FALSE
0,058	0,308	0,002	0,006	0,090	FALSE
0,034	0,296	0,000	0,007	0,010	FALSE
0,034	0,307	0,001	0,011	0,019	FALSE
0,025	0,306	0,000	0,007	0,021	FALSE
-0,020	0,311	-0,001	0,012	0,020	FALSE
0,003	0,299	0,000	0,007	0,011	FALSE
0,117	0,305	0,004	0,008	0,205	FALSE
0,145	0,301	0,006	0,012	0,216	FALSE
-0,034	0,315	-0,001	0,007	0,034	FALSE
0,010	0,312	0,000	0,010	0,000	FALSE
0,005	0,311	0,000	0,009	0,001	FALSE
-0,139	0,300	-0,003	0,007	0,184	FALSE
-0,111	0,298	-0,004	0,012	0,123	FALSE
-0,102	0,318	-0,004	0,013	0,113	FALSE
-0,125	0,304	-0,004	0,011	0,163	FALSE
0,154	0,305	0,004	0,009	0,217	FALSE
-0,003	0,303	0,000	0,006	0,006	FALSE

0,014	0,320	0,001	0,006	0,039	FALSE
0,016	0,311	0,001	0,007	0,033	FALSE
0,080	0,303	0,002	0,010	0,093	FALSE
-0,130	0,301	-0,003	0,008	0,172	FALSE
-0,139	0,307	-0,003	0,007	0,194	FALSE
-0,007	0,323	0,000	0,007	0,015	FALSE
0,023	0,312	0,001	0,007	0,046	FALSE
0,025	0,296	0,001	0,007	0,054	FALSE
0,004	0,319	0,000	0,007	0,020	FALSE
-0,083	0,308	-0,002	0,008	0,091	FALSE
0,068	0,306	0,002	0,011	0,067	FALSE
-0,120	0,302	-0,005	0,010	0,205	FALSE
-0,123	0,291	-0,003	0,008	0,133	FALSE
0,049	0,303	0,000	0,009	0,012	FALSE
-0,011	0,305	0,000	0,009	0,004	FALSE
0,030	0,310	0,002	0,012	0,053	FALSE
0,165	0,297	0,004	0,007	0,307	FALSE
0,044	0,310	0,001	0,007	0,038	FALSE
0,013	0,308	0,001	0,012	0,022	FALSE
0,031	0,300	0,001	0,006	0,052	FALSE
0,058	0,315	0,001	0,008	0,060	FALSE
-0,001	0,311	-0,001	0,007	0,027	FALSE
0,000	0,311	0,000	0,007	0,007	FALSE
-0,020	0,314	0,000	0,012	0,011	FALSE
-0,082	0,305	-0,002	0,009	0,111	FALSE
-0,033	0,301	-0,001	0,012	0,031	FALSE
-0,025	0,310	-0,001	0,007	0,052	FALSE
-0,029	0,319	-0,001	0,008	0,024	FALSE
-0,006	0,305	0,000	0,012	0,006	FALSE
-0,058	0,314	-0,002	0,012	0,065	FALSE
-0,009	0,312	0,000	0,012	0,009	FALSE
-0,019	0,327	-0,001	0,013	0,028	FALSE
0,006	0,307	0,000	0,009	0,010	FALSE
0,012	0,310	0,001	0,009	0,023	FALSE
-0,056	0,316	-0,002	0,012	0,051	FALSE
-0,049	0,303	-0,002	0,010	0,072	FALSE
-0,057	0,302	-0,001	0,009	0,036	FALSE
0,135	0,309	0,002	0,006	0,127	FALSE
-0,111	0,305	-0,004	0,010	0,154	FALSE
-0,059	0,313	-0,002	0,013	0,071	FALSE
0,056	0,314	0,001	0,007	0,075	FALSE
-0,034	0,299	-0,001	0,006	0,081	FALSE
-0,053	0,321	-0,001	0,008	0,059	FALSE
0,089	0,322	0,003	0,012	0,100	FALSE
-0,074	0,310	-0,004	0,011	0,127	FALSE
-0,007	0,300	0,000	0,008	0,012	FALSE
0,059	0,295	0,001	0,007	0,054	FALSE
0,078	0,313	0,003	0,012	0,108	FALSE
-0,033	0,320	-0,001	0,010	0,048	FALSE
-0,010	0,302	-0,001	0,011	0,024	FALSE
-0,101	0,304	-0,002	0,009	0,106	FALSE
0,037	0,287	0,002	0,009	0,070	FALSE
0,078	0,297	0,002	0,009	0,066	FALSE

0,067	0,304	0,002	0,007	0,126	FALSE
0,059	0,297	0,001	0,008	0,040	FALSE
-0,153	0,315	-0,004	0,009	0,180	FALSE
0,179	0,305	0,006	0,010	0,263	FALSE
0,003	0,302	0,000	0,009	0,016	FALSE
0,087	0,302	0,002	0,008	0,111	FALSE
0,014	0,301	0,000	0,008	0,003	FALSE
-0,040	0,306	-0,001	0,008	0,058	FALSE
0,035	0,318	0,001	0,007	0,058	FALSE
-0,068	0,300	-0,001	0,006	0,074	FALSE
0,055	0,310	0,002	0,013	0,048	FALSE
0,025	0,305	0,000	0,007	0,010	FALSE
-0,052	0,308	-0,001	0,009	0,049	FALSE
-0,110	0,309	-0,004	0,013	0,114	FALSE
-0,069	0,306	-0,003	0,012	0,100	FALSE
0,018	0,305	0,000	0,010	0,015	FALSE
0,061	0,302	0,001	0,007	0,049	FALSE
0,152	0,288	0,005	0,008	0,308	FALSE
0,117	0,312	0,005	0,011	0,200	FALSE
0,018	0,307	0,001	0,009	0,028	FALSE
0,106	0,307	0,002	0,008	0,114	FALSE
-0,048	0,299	-0,002	0,009	0,088	FALSE
-0,020	0,298	-0,001	0,007	0,037	FALSE
-0,044	0,317	-0,001	0,011	0,050	FALSE
0,047	0,295	0,002	0,011	0,058	FALSE
0,036	0,312	0,002	0,012	0,050	FALSE
-0,151	0,313	-0,003	0,007	0,212	FALSE
0,025	0,309	0,001	0,008	0,026	FALSE
-0,137	0,298	-0,005	0,012	0,184	FALSE
-0,112	0,317	-0,004	0,010	0,160	FALSE
-0,005	0,309	0,000	0,007	0,008	FALSE
0,036	0,311	0,001	0,008	0,028	FALSE
0,068	0,300	0,001	0,006	0,057	FALSE
-0,134	0,310	-0,004	0,008	0,197	FALSE
-0,092	0,301	-0,003	0,012	0,104	FALSE
-0,006	0,315	0,000	0,007	0,013	FALSE
0,031	0,303	0,001	0,010	0,054	FALSE
-0,021	0,309	0,000	0,011	0,003	FALSE
-0,030	0,299	-0,001	0,012	0,029	FALSE
-0,119	0,309	-0,005	0,011	0,166	FALSE
0,169	0,305	0,004	0,009	0,210	FALSE
-0,095	0,307	-0,003	0,013	0,078	FALSE
-0,001	0,305	0,000	0,006	0,010	FALSE
0,059	0,304	0,002	0,006	0,103	FALSE
0,015	0,306	0,000	0,013	0,002	FALSE
0,014	0,307	0,000	0,006	0,023	FALSE
0,060	0,295	0,002	0,012	0,049	FALSE
-0,035	0,314	-0,001	0,007	0,032	FALSE
-0,040	0,327	-0,001	0,006	0,039	FALSE
-0,002	0,314	-0,001	0,007	0,039	FALSE
-0,046	0,321	-0,001	0,011	0,051	FALSE
-0,041	0,308	-0,001	0,007	0,048	FALSE
-0,048	0,307	-0,001	0,009	0,040	FALSE

-0,080	0,308	-0,002	0,009	0,077	FALSE
-0,039	0,305	-0,001	0,006	0,047	FALSE
0,083	0,309	0,002	0,007	0,097	FALSE
0,137	0,311	0,003	0,008	0,172	FALSE
0,079	0,302	0,002	0,007	0,108	FALSE
-0,017	0,297	-0,001	0,012	0,033	FALSE
0,015	0,299	0,000	0,012	0,002	FALSE
0,141	0,301	0,005	0,012	0,189	FALSE
-0,224	0,299	-0,007	0,011	0,322	FALSE
0,072	0,298	0,002	0,007	0,124	FALSE
0,068	0,299	0,002	0,007	0,104	FALSE
-0,116	0,302	-0,003	0,010	0,125	FALSE
0,002	0,313	-0,001	0,011	0,022	FALSE
0,049	0,309	0,002	0,007	0,082	FALSE
-0,015	0,305	0,000	0,009	0,005	FALSE
0,063	0,308	0,002	0,007	0,099	FALSE
0,005	0,307	0,001	0,009	0,041	FALSE
0,007	0,329	0,000	0,013	0,003	FALSE
0,126	0,296	0,003	0,008	0,155	FALSE
0,020	0,300	0,000	0,006	0,004	FALSE
0,067	0,320	0,001	0,007	0,070	FALSE
0,093	0,303	0,003	0,010	0,142	FALSE
0,115	0,308	0,003	0,009	0,147	FALSE
-0,002	0,301	0,000	0,007	0,019	FALSE
-0,030	0,315	-0,001	0,012	0,035	FALSE
0,045	0,304	0,001	0,007	0,077	FALSE
-0,095	0,320	-0,002	0,009	0,103	FALSE
-0,001	0,301	0,001	0,012	0,016	FALSE
-0,091	0,303	-0,003	0,009	0,128	FALSE
0,151	0,291	0,003	0,007	0,184	FALSE
-0,061	0,297	-0,002	0,013	0,058	FALSE
0,027	0,302	0,000	0,011	0,012	FALSE
-0,158	0,315	-0,005	0,009	0,232	FALSE
-0,003	0,304	-0,001	0,011	0,039	FALSE
-0,050	0,303	-0,001	0,012	0,036	FALSE
-0,006	0,312	0,000	0,007	0,002	FALSE
-0,024	0,295	0,000	0,007	0,015	FALSE
-0,024	0,310	-0,001	0,007	0,025	FALSE
0,084	0,292	0,003	0,009	0,119	FALSE
-0,023	0,303	-0,002	0,011	0,056	FALSE
0,042	0,311	0,001	0,007	0,044	FALSE
-0,004	0,312	0,000	0,010	0,008	FALSE
0,068	0,293	0,001	0,007	0,056	FALSE
-0,002	0,314	-0,001	0,013	0,040	FALSE
-0,047	0,303	-0,001	0,007	0,049	FALSE
-0,115	0,303	-0,003	0,007	0,173	FALSE
0,065	0,317	0,002	0,009	0,081	FALSE
-0,052	0,315	-0,001	0,007	0,052	FALSE
-0,002	0,296	-0,001	0,011	0,016	FALSE
0,014	0,309	0,000	0,009	0,001	FALSE
0,052	0,314	0,001	0,007	0,076	FALSE
-0,045	0,288	-0,001	0,012	0,044	FALSE
0,039	0,304	0,001	0,006	0,052	FALSE

-0,032	0,306	-0,001	0,013	0,031	FALSE
-0,039	0,317	-0,001	0,012	0,036	FALSE
-0,026	0,298	0,000	0,007	0,017	FALSE
-0,063	0,313	-0,002	0,010	0,089	FALSE
-0,094	0,325	-0,002	0,007	0,101	FALSE
0,030	0,304	0,002	0,011	0,055	FALSE
0,010	0,321	0,000	0,007	0,025	FALSE
-0,030	0,308	0,000	0,007	0,019	FALSE
-0,144	0,321	-0,006	0,013	0,191	FALSE
-0,116	0,305	-0,004	0,012	0,137	FALSE
0,082	0,311	0,002	0,010	0,088	FALSE
0,152	0,305	0,006	0,012	0,200	FALSE
-0,058	0,301	-0,001	0,011	0,036	FALSE
-0,104	0,284	-0,003	0,008	0,147	FALSE
0,008	0,305	0,000	0,007	0,020	FALSE
0,067	0,310	0,001	0,008	0,069	FALSE
0,039	0,308	0,001	0,009	0,030	FALSE
0,047	0,315	0,002	0,009	0,069	FALSE
-0,060	0,311	-0,002	0,006	0,100	FALSE
0,097	0,315	0,003	0,008	0,149	FALSE
0,144	0,303	0,005	0,009	0,216	FALSE
0,005	0,313	0,000	0,010	0,018	FALSE
0,099	0,309	0,005	0,012	0,148	FALSE
-0,076	0,304	-0,004	0,012	0,128	FALSE
0,012	0,315	0,001	0,013	0,025	FALSE
0,053	0,305	0,001	0,011	0,039	FALSE
-0,007	0,298	-0,001	0,010	0,051	FALSE
-0,042	0,294	-0,002	0,011	0,077	FALSE
-0,160	0,305	-0,007	0,013	0,230	FALSE
-0,125	0,308	-0,003	0,007	0,153	FALSE
-0,043	0,299	-0,001	0,008	0,039	FALSE
-0,020	0,300	0,000	0,008	0,007	FALSE
0,036	0,311	0,002	0,011	0,080	FALSE
0,087	0,288	0,001	0,009	0,058	FALSE
-0,005	0,310	0,001	0,012	0,040	FALSE
-0,104	0,317	-0,004	0,011	0,153	FALSE
0,115	0,310	0,004	0,011	0,136	FALSE
-0,112	0,294	-0,002	0,006	0,132	FALSE
-0,082	0,302	-0,004	0,011	0,150	FALSE
0,073	0,300	0,003	0,010	0,102	FALSE
-0,145	0,302	-0,005	0,011	0,200	FALSE
-0,094	0,303	-0,003	0,010	0,125	FALSE
0,024	0,304	0,001	0,012	0,044	FALSE
-0,034	0,315	-0,001	0,010	0,044	FALSE
0,039	0,308	0,001	0,007	0,033	FALSE
0,097	0,310	0,002	0,009	0,103	FALSE
-0,063	0,289	-0,003	0,009	0,117	FALSE
0,036	0,316	0,001	0,008	0,041	FALSE
0,210	0,297	0,007	0,009	0,355	FALSE
-0,047	0,298	-0,001	0,007	0,058	FALSE
-0,002	0,302	-0,001	0,011	0,025	FALSE
0,054	0,304	0,002	0,007	0,087	FALSE
-0,038	0,309	-0,002	0,012	0,070	FALSE

0,055	0,298	0,001	0,008	0,051	FALSE
0,171	0,301	0,004	0,007	0,293	FALSE
0,080	0,324	0,003	0,012	0,093	FALSE
0,052	0,290	0,002	0,011	0,084	FALSE
0,100	0,289	0,004	0,011	0,132	FALSE
0,002	0,304	0,000	0,007	0,011	FALSE
-0,230	0,288	-0,010	0,012	0,389	FALSE
0,099	0,301	0,002	0,006	0,140	FALSE
0,049	0,307	0,001	0,007	0,066	FALSE
-0,023	0,308	-0,001	0,012	0,025	FALSE
0,153	0,305	0,004	0,008	0,238	FALSE
-0,183	0,293	-0,009	0,012	0,323	FALSE
0,093	0,315	0,004	0,012	0,143	FALSE
-0,004	0,311	0,001	0,012	0,019	FALSE
0,006	0,304	0,001	0,012	0,032	FALSE
0,175	0,301	0,004	0,008	0,226	FALSE
0,013	0,309	0,001	0,012	0,036	FALSE
0,014	0,306	0,000	0,008	0,017	FALSE
-0,049	0,309	-0,001	0,008	0,054	FALSE
-0,007	0,312	0,001	0,007	0,027	FALSE
-0,144	0,296	-0,003	0,007	0,172	FALSE
0,069	0,310	0,002	0,008	0,079	FALSE
-0,041	0,308	-0,001	0,007	0,052	FALSE
0,033	0,314	0,000	0,010	0,016	FALSE
-0,078	0,297	-0,002	0,009	0,108	FALSE
0,127	0,299	0,004	0,008	0,173	FALSE
-0,119	0,319	-0,005	0,012	0,168	FALSE
-0,085	0,308	-0,004	0,013	0,114	FALSE
-0,136	0,295	-0,003	0,006	0,184	FALSE
0,041	0,298	0,001	0,009	0,041	FALSE
0,064	0,295	0,002	0,009	0,083	FALSE
-0,066	0,309	-0,002	0,008	0,109	FALSE
-0,093	0,300	-0,002	0,007	0,114	FALSE
0,038	0,309	0,001	0,012	0,038	FALSE
-0,073	0,292	-0,003	0,012	0,094	FALSE
0,065	0,283	0,002	0,012	0,068	FALSE
0,039	0,304	0,001	0,008	0,043	FALSE
-0,069	0,310	-0,003	0,013	0,100	FALSE
0,160	0,312	0,004	0,008	0,220	FALSE
0,169	0,303	0,005	0,008	0,272	FALSE
0,100	0,312	0,002	0,007	0,133	FALSE
-0,121	0,288	-0,005	0,012	0,166	FALSE
-0,100	0,299	-0,002	0,007	0,124	FALSE
0,067	0,295	0,003	0,008	0,136	FALSE
-0,008	0,305	-0,001	0,007	0,033	FALSE
-0,083	0,317	-0,002	0,011	0,080	FALSE
0,082	0,307	0,002	0,007	0,130	FALSE
0,072	0,299	0,001	0,007	0,051	FALSE
0,173	0,294	0,007	0,010	0,320	FALSE
0,098	0,318	0,002	0,007	0,084	FALSE
0,156	0,303	0,006	0,012	0,217	FALSE
-0,023	0,325	-0,001	0,013	0,031	FALSE
0,045	0,289	0,002	0,008	0,077	FALSE

-0,083	0,307	-0,003	0,013	0,084	FALSE
0,094	0,314	0,003	0,010	0,108	FALSE
0,017	0,307	0,001	0,008	0,023	FALSE
-0,002	0,310	0,000	0,007	0,004	FALSE
-0,096	0,292	-0,002	0,007	0,104	FALSE
0,052	0,317	0,001	0,010	0,039	FALSE
0,010	0,310	0,000	0,013	0,003	FALSE
-0,018	0,302	-0,002	0,012	0,055	FALSE
0,094	0,310	0,002	0,011	0,083	FALSE
0,021	0,310	0,000	0,008	0,004	FALSE
0,040	0,308	0,001	0,009	0,028	FALSE
-0,003	0,314	-0,001	0,011	0,029	FALSE
-0,047	0,321	-0,002	0,008	0,067	FALSE
-0,079	0,302	-0,002	0,009	0,111	FALSE
0,014	0,306	0,000	0,007	0,008	FALSE
-0,017	0,321	-0,001	0,009	0,021	FALSE
0,027	0,303	0,000	0,006	0,019	FALSE
0,004	0,307	0,000	0,006	0,003	FALSE
-0,222	0,279	-0,008	0,010	0,377	FALSE
-0,060	0,301	-0,003	0,011	0,100	FALSE
-0,099	0,315	-0,004	0,011	0,154	FALSE
-0,097	0,301	-0,004	0,010	0,177	FALSE
-0,049	0,319	-0,001	0,007	0,051	FALSE
-0,054	0,313	-0,001	0,006	0,060	FALSE
0,069	0,301	0,002	0,012	0,076	FALSE
0,019	0,295	0,000	0,007	0,021	FALSE
0,083	0,307	0,003	0,013	0,091	FALSE
-0,015	0,299	0,000	0,006	0,008	FALSE
0,174	0,296	0,007	0,012	0,236	FALSE
0,181	0,301	0,007	0,012	0,251	FALSE
-0,070	0,305	-0,003	0,012	0,107	FALSE
-0,100	0,303	-0,002	0,007	0,098	FALSE
0,107	0,299	0,005	0,012	0,170	FALSE
-0,096	0,304	-0,002	0,006	0,096	FALSE
0,016	0,297	0,000	0,007	0,017	FALSE
-0,004	0,303	-0,001	0,007	0,028	FALSE
-0,020	0,320	0,000	0,013	0,007	FALSE
0,062	0,297	0,003	0,012	0,093	FALSE
0,030	0,311	0,002	0,012	0,047	FALSE
0,005	0,320	0,000	0,008	0,010	FALSE
-0,093	0,284	-0,003	0,009	0,108	FALSE
0,163	0,290	0,006	0,009	0,298	FALSE
0,049	0,307	0,001	0,006	0,068	FALSE
0,080	0,312	0,003	0,009	0,130	FALSE
0,000	0,295	0,000	0,010	0,002	FALSE
-0,042	0,317	-0,001	0,011	0,034	FALSE
0,061	0,308	0,002	0,008	0,074	FALSE
-0,024	0,298	-0,001	0,009	0,037	FALSE
-0,011	0,303	-0,001	0,009	0,028	FALSE
0,031	0,300	0,000	0,012	0,010	FALSE
-0,189	0,297	-0,007	0,010	0,331	FALSE
0,089	0,304	0,004	0,012	0,122	FALSE
-0,107	0,315	-0,003	0,008	0,148	FALSE

-0,083	0,302	-0,003	0,009	0,107	FALSE
-0,110	0,302	-0,003	0,007	0,166	FALSE
-0,052	0,302	-0,001	0,007	0,042	FALSE
0,145	0,294	0,006	0,011	0,221	FALSE
0,036	0,302	0,001	0,009	0,024	FALSE
0,013	0,319	0,000	0,012	0,006	FALSE
0,013	0,312	0,000	0,012	0,013	FALSE
0,034	0,305	0,001	0,012	0,033	FALSE
-0,190	0,301	-0,006	0,011	0,253	FALSE
0,011	0,317	0,000	0,012	0,003	FALSE
0,090	0,310	0,003	0,011	0,089	FALSE
0,100	0,301	0,004	0,011	0,129	FALSE
0,077	0,310	0,003	0,011	0,087	FALSE
0,031	0,299	0,001	0,011	0,024	FALSE
0,191	0,295	0,005	0,007	0,309	FALSE
0,042	0,307	0,001	0,012	0,037	FALSE
-0,053	0,297	-0,001	0,007	0,036	FALSE
-0,151	0,304	-0,006	0,013	0,202	FALSE
-0,154	0,303	-0,006	0,012	0,220	FALSE
-0,106	0,307	-0,005	0,012	0,158	FALSE
0,001	0,305	0,000	0,011	0,016	FALSE
0,047	0,297	0,001	0,013	0,023	FALSE
-0,103	0,311	-0,004	0,010	0,144	FALSE
-0,022	0,295	-0,001	0,012	0,042	FALSE
0,103	0,303	0,004	0,010	0,154	FALSE
0,014	0,302	0,000	0,008	0,011	FALSE
-0,122	0,312	-0,004	0,010	0,163	FALSE
0,045	0,297	0,001	0,006	0,095	FALSE
-0,032	0,306	0,000	0,009	0,015	FALSE
0,046	0,313	0,002	0,009	0,068	FALSE
-0,063	0,301	-0,003	0,011	0,118	FALSE
0,002	0,314	0,001	0,010	0,037	FALSE
-0,025	0,297	-0,002	0,010	0,081	FALSE
-0,015	0,305	-0,002	0,010	0,058	FALSE
-0,095	0,303	-0,002	0,008	0,121	FALSE
0,200	0,300	0,006	0,009	0,283	FALSE
-0,138	0,318	-0,003	0,008	0,148	FALSE
-0,119	0,304	-0,002	0,007	0,129	FALSE
0,044	0,315	0,001	0,008	0,043	FALSE
0,082	0,297	0,003	0,012	0,089	FALSE
-0,148	0,307	-0,003	0,007	0,169	FALSE
0,078	0,319	0,003	0,011	0,118	FALSE
0,079	0,308	0,003	0,011	0,101	FALSE
0,080	0,308	0,003	0,011	0,105	FALSE
0,044	0,310	0,002	0,010	0,064	FALSE
0,052	0,297	0,002	0,010	0,068	FALSE
-0,111	0,310	-0,004	0,013	0,128	FALSE
0,093	0,299	0,002	0,007	0,106	FALSE
-0,150	0,308	-0,006	0,012	0,222	FALSE
-0,025	0,302	-0,001	0,011	0,018	FALSE
-0,088	0,301	-0,003	0,010	0,132	FALSE
-0,114	0,288	-0,004	0,009	0,200	FALSE
-0,043	0,297	-0,001	0,012	0,040	FALSE

0,074	0,294	0,002	0,007	0,105	FALSE
-0,018	0,315	-0,001	0,012	0,022	FALSE
0,041	0,317	0,001	0,009	0,043	FALSE
-0,100	0,300	-0,003	0,007	0,161	FALSE
-0,114	0,319	-0,003	0,008	0,136	FALSE
-0,041	0,282	-0,001	0,006	0,063	FALSE
0,031	0,310	0,001	0,006	0,041	FALSE
-0,066	0,303	-0,003	0,013	0,087	FALSE
0,075	0,309	0,003	0,010	0,113	FALSE
0,100	0,294	0,002	0,008	0,120	FALSE
-0,114	0,305	-0,003	0,007	0,152	FALSE
0,068	0,304	0,004	0,012	0,128	FALSE
0,114	0,310	0,004	0,009	0,165	FALSE
-0,010	0,302	0,000	0,009	0,016	FALSE
0,007	0,305	0,000	0,006	0,019	FALSE
-0,038	0,297	-0,001	0,008	0,054	FALSE
-0,087	0,300	-0,003	0,009	0,126	FALSE
-0,055	0,308	-0,002	0,008	0,070	FALSE
0,091	0,296	0,001	0,006	0,075	FALSE
-0,006	0,289	0,001	0,007	0,040	FALSE
0,044	0,309	0,001	0,008	0,044	FALSE
-0,121	0,316	-0,005	0,013	0,169	FALSE
-0,134	0,318	-0,006	0,013	0,179	FALSE
-0,114	0,305	-0,005	0,013	0,160	FALSE
0,048	0,313	0,001	0,008	0,045	FALSE
0,024	0,304	0,000	0,006	0,007	FALSE
0,016	0,311	0,000	0,007	0,021	FALSE
0,126	0,306	0,003	0,008	0,178	FALSE
0,049	0,312	0,002	0,013	0,050	FALSE
-0,045	0,304	-0,002	0,008	0,084	FALSE
-0,074	0,301	-0,003	0,008	0,133	FALSE
-0,028	0,309	-0,001	0,009	0,021	FALSE
-0,081	0,303	-0,002	0,007	0,144	FALSE
-0,017	0,297	0,000	0,011	0,011	FALSE
0,035	0,320	0,002	0,011	0,058	FALSE
-0,029	0,312	-0,001	0,013	0,021	FALSE
-0,094	0,300	-0,003	0,009	0,120	FALSE
0,056	0,314	0,003	0,012	0,082	FALSE
-0,056	0,310	-0,001	0,009	0,054	FALSE
-0,001	0,309	0,001	0,009	0,040	FALSE
0,007	0,309	0,000	0,012	0,008	FALSE
-0,049	0,308	-0,001	0,007	0,062	FALSE
0,028	0,300	0,001	0,006	0,031	FALSE
0,039	0,324	0,001	0,009	0,038	FALSE
-0,046	0,304	-0,001	0,007	0,065	FALSE
0,017	0,311	0,001	0,010	0,023	FALSE
-0,077	0,307	-0,002	0,007	0,113	FALSE
0,047	0,304	0,002	0,011	0,076	FALSE
0,054	0,308	0,002	0,011	0,082	FALSE
0,000	0,315	0,000	0,012	0,002	FALSE
0,035	0,315	0,002	0,013	0,053	FALSE
-0,031	0,305	-0,001	0,007	0,050	FALSE
0,034	0,324	0,001	0,014	0,023	FALSE

0,039	0,312	0,002	0,012	0,073	FALSE
0,003	0,319	0,000	0,012	0,001	FALSE
0,000	0,322	0,000	0,007	0,017	FALSE
-0,006	0,302	0,000	0,012	0,011	FALSE
0,094	0,303	0,003	0,011	0,114	FALSE
0,053	0,308	0,003	0,013	0,076	FALSE
-0,014	0,312	0,000	0,009	0,008	FALSE
-0,056	0,307	-0,001	0,007	0,055	FALSE
-0,060	0,302	-0,001	0,006	0,067	FALSE
-0,031	0,308	-0,001	0,008	0,045	FALSE
0,009	0,308	0,000	0,007	0,005	FALSE
0,079	0,309	0,002	0,007	0,130	FALSE
0,088	0,302	0,003	0,007	0,140	FALSE
0,019	0,302	0,001	0,011	0,021	FALSE
0,074	0,290	0,002	0,009	0,092	FALSE
-0,031	0,308	-0,001	0,009	0,046	FALSE
0,021	0,314	0,000	0,007	0,013	FALSE
-0,054	0,303	-0,003	0,012	0,080	FALSE
0,015	0,304	0,001	0,011	0,036	FALSE
0,176	0,300	0,007	0,011	0,285	FALSE
-0,021	0,305	-0,001	0,011	0,028	FALSE
-0,087	0,315	-0,004	0,010	0,156	FALSE
0,161	0,307	0,008	0,013	0,267	FALSE
0,054	0,299	0,001	0,010	0,044	FALSE
0,008	0,319	0,000	0,007	0,023	FALSE
0,039	0,299	0,001	0,006	0,054	FALSE
0,068	0,299	0,003	0,009	0,134	FALSE
-0,108	0,303	-0,002	0,006	0,154	FALSE
0,009	0,292	0,001	0,012	0,024	FALSE
0,065	0,310	0,001	0,009	0,050	FALSE
0,047	0,314	0,001	0,012	0,030	FALSE
0,035	0,294	0,001	0,008	0,064	FALSE
0,092	0,302	0,003	0,007	0,160	FALSE
0,133	0,316	0,005	0,010	0,191	FALSE
-0,147	0,303	-0,003	0,008	0,184	FALSE
0,075	0,311	0,001	0,006	0,052	FALSE
0,026	0,305	0,001	0,007	0,043	FALSE
0,012	0,309	0,000	0,007	0,002	FALSE
-0,078	0,310	-0,003	0,010	0,112	FALSE
0,082	0,306	0,002	0,007	0,088	FALSE
-0,056	0,309	-0,002	0,007	0,080	FALSE
0,088	0,318	0,002	0,009	0,104	FALSE
-0,032	0,300	-0,001	0,011	0,028	FALSE
-0,025	0,309	0,000	0,010	0,007	FALSE
0,057	0,291	0,001	0,006	0,060	FALSE
-0,194	0,307	-0,008	0,012	0,305	FALSE
0,124	0,306	0,004	0,009	0,172	FALSE
0,085	0,306	0,003	0,009	0,131	FALSE
-0,155	0,294	-0,004	0,007	0,207	FALSE
-0,007	0,304	-0,001	0,010	0,048	FALSE
0,109	0,290	0,004	0,008	0,205	FALSE
0,028	0,304	0,001	0,009	0,039	FALSE
-0,005	0,307	0,000	0,009	0,006	FALSE

-0,030	0,297	0,000	0,012	0,014	FALSE
-0,082	0,303	-0,002	0,011	0,084	FALSE
-0,010	0,307	0,000	0,010	0,006	FALSE
-0,114	0,296	-0,003	0,009	0,107	FALSE
0,006	0,303	-0,001	0,012	0,027	FALSE
-0,088	0,310	-0,003	0,012	0,109	FALSE
-0,070	0,305	-0,002	0,011	0,083	FALSE
0,052	0,310	0,001	0,009	0,039	FALSE
-0,002	0,304	0,000	0,008	0,016	FALSE
0,052	0,309	0,001	0,008	0,040	FALSE
0,075	0,316	0,004	0,012	0,118	FALSE
-0,103	0,301	-0,004	0,012	0,115	FALSE
-0,001	0,289	0,000	0,007	0,015	FALSE
-0,050	0,314	-0,001	0,010	0,036	FALSE
-0,177	0,291	-0,005	0,009	0,252	FALSE
-0,050	0,299	-0,002	0,010	0,067	FALSE
0,036	0,305	0,001	0,010	0,042	FALSE
-0,067	0,310	-0,003	0,012	0,079	FALSE
-0,008	0,320	-0,001	0,012	0,017	FALSE
0,060	0,313	0,001	0,008	0,067	FALSE
-0,076	0,313	-0,002	0,006	0,118	FALSE
0,062	0,302	0,001	0,007	0,045	FALSE
-0,028	0,312	0,000	0,009	0,004	FALSE
-0,036	0,299	0,000	0,009	0,002	FALSE
0,137	0,281	0,003	0,006	0,242	FALSE
0,023	0,319	0,001	0,011	0,018	FALSE
-0,040	0,305	-0,001	0,012	0,026	FALSE
-0,067	0,300	-0,001	0,009	0,057	FALSE
0,050	0,320	0,001	0,006	0,078	FALSE
0,057	0,310	0,001	0,007	0,081	FALSE
0,007	0,294	-0,001	0,009	0,027	FALSE
0,067	0,289	0,003	0,011	0,115	FALSE
-0,081	0,307	-0,002	0,007	0,088	FALSE
0,011	0,309	0,001	0,009	0,035	FALSE
0,117	0,306	0,003	0,007	0,201	FALSE
0,196	0,299	0,006	0,010	0,293	FALSE
0,209	0,275	0,007	0,010	0,355	FALSE
-0,003	0,304	0,000	0,011	0,010	FALSE
-0,040	0,300	-0,001	0,010	0,052	FALSE
0,054	0,301	0,001	0,007	0,044	FALSE
0,063	0,316	0,003	0,013	0,104	FALSE
0,029	0,294	0,000	0,007	0,021	FALSE
-0,004	0,292	-0,001	0,012	0,016	FALSE
0,074	0,307	0,002	0,008	0,084	FALSE
-0,009	0,310	0,000	0,009	0,004	FALSE
0,075	0,295	0,002	0,008	0,091	FALSE
0,018	0,311	0,001	0,008	0,037	FALSE
0,013	0,296	0,000	0,006	0,023	FALSE
-0,045	0,314	-0,002	0,013	0,057	FALSE
0,031	0,314	0,000	0,009	0,017	FALSE
-0,110	0,293	-0,003	0,006	0,161	FALSE
0,116	0,301	0,005	0,012	0,178	FALSE
-0,062	0,299	-0,002	0,010	0,092	FALSE

-0,024	0,293	-0,001	0,008	0,048	FALSE
-0,060	0,306	-0,001	0,009	0,048	FALSE
-0,104	0,305	-0,003	0,009	0,144	FALSE
-0,007	0,315	0,000	0,012	0,005	FALSE
-0,113	0,309	-0,003	0,007	0,155	FALSE
-0,009	0,299	0,000	0,006	0,012	FALSE
-0,083	0,306	-0,004	0,011	0,133	FALSE
0,134	0,303	0,002	0,006	0,145	FALSE
-0,061	0,298	-0,002	0,010	0,059	FALSE
-0,048	0,309	-0,001	0,007	0,039	FALSE
-0,047	0,295	-0,001	0,007	0,043	FALSE
-0,021	0,299	0,000	0,007	0,018	FALSE
-0,035	0,326	-0,001	0,011	0,047	FALSE
-0,062	0,309	-0,003	0,013	0,080	FALSE
0,080	0,318	0,002	0,007	0,113	FALSE
0,059	0,290	0,001	0,006	0,094	FALSE
0,159	0,298	0,004	0,007	0,236	FALSE
-0,036	0,304	-0,001	0,010	0,029	FALSE
-0,050	0,309	-0,002	0,010	0,066	FALSE
-0,039	0,295	-0,001	0,010	0,044	FALSE
-0,045	0,301	-0,001	0,010	0,053	FALSE
0,006	0,312	0,000	0,007	0,013	FALSE
-0,038	0,301	-0,002	0,010	0,066	FALSE
0,008	0,305	0,000	0,009	0,010	FALSE
-0,031	0,305	-0,001	0,012	0,023	FALSE
-0,020	0,298	-0,001	0,010	0,022	FALSE
-0,017	0,301	-0,001	0,012	0,037	FALSE
0,039	0,324	0,001	0,012	0,043	FALSE
-0,011	0,297	-0,001	0,012	0,020	FALSE
0,017	0,327	0,000	0,012	0,013	FALSE
0,050	0,308	0,001	0,007	0,049	FALSE
0,050	0,298	0,002	0,012	0,061	FALSE
-0,004	0,315	0,000	0,008	0,001	FALSE
0,168	0,298	0,006	0,011	0,228	FALSE
-0,006	0,321	0,000	0,009	0,003	FALSE
-0,050	0,308	-0,001	0,009	0,037	FALSE
-0,010	0,294	-0,001	0,010	0,024	FALSE
-0,045	0,304	-0,001	0,007	0,074	FALSE
-0,054	0,316	-0,001	0,007	0,058	FALSE
-0,085	0,306	-0,002	0,006	0,109	FALSE
-0,044	0,323	-0,001	0,008	0,066	FALSE
0,024	0,292	0,001	0,006	0,044	FALSE
0,073	0,304	0,002	0,008	0,083	FALSE
-0,105	0,293	-0,003	0,007	0,159	FALSE
0,090	0,306	0,003	0,009	0,111	FALSE
0,109	0,295	0,003	0,010	0,107	FALSE
-0,011	0,316	-0,001	0,011	0,035	FALSE
0,065	0,309	0,003	0,012	0,091	FALSE
0,013	0,321	0,000	0,012	0,013	FALSE
-0,073	0,299	-0,002	0,011	0,074	FALSE
-0,089	0,308	-0,003	0,012	0,099	FALSE
0,135	0,298	0,003	0,007	0,193	FALSE
0,090	0,302	0,003	0,008	0,141	FALSE

0,116	0,314	0,003	0,008	0,131	FALSE
-0,132	0,314	-0,003	0,007	0,180	FALSE
-0,064	0,318	-0,001	0,010	0,050	FALSE
-0,052	0,295	-0,002	0,008	0,080	FALSE
0,013	0,312	0,001	0,008	0,040	FALSE
0,190	0,299	0,003	0,006	0,211	FALSE
-0,058	0,307	-0,002	0,010	0,061	FALSE
-0,077	0,304	-0,002	0,011	0,065	FALSE
-0,003	0,317	0,000	0,007	0,002	FALSE
0,208	0,295	0,003	0,006	0,244	FALSE
0,043	0,320	0,002	0,011	0,058	FALSE
-0,053	0,320	-0,002	0,012	0,060	FALSE
0,051	0,308	0,003	0,012	0,082	FALSE
-0,053	0,293	-0,002	0,008	0,094	FALSE
-0,006	0,309	0,000	0,008	0,019	FALSE
0,012	0,294	0,000	0,012	0,001	FALSE
0,004	0,312	-0,001	0,010	0,022	FALSE
-0,022	0,315	-0,001	0,010	0,041	FALSE
0,094	0,311	0,002	0,008	0,112	FALSE
0,013	0,300	0,002	0,010	0,068	FALSE
-0,032	0,320	-0,001	0,010	0,039	FALSE
-0,005	0,311	0,000	0,007	0,003	FALSE
-0,107	0,299	-0,002	0,006	0,134	FALSE
0,012	0,309	0,000	0,009	0,003	FALSE
-0,053	0,313	-0,001	0,008	0,059	FALSE
-0,159	0,312	-0,005	0,010	0,193	FALSE
-0,082	0,314	-0,003	0,013	0,091	FALSE
0,126	0,302	0,002	0,007	0,119	FALSE
0,025	0,303	0,001	0,012	0,034	FALSE
0,063	0,294	0,002	0,009	0,066	FALSE
0,045	0,302	0,001	0,007	0,061	FALSE
0,169	0,302	0,005	0,011	0,186	FALSE
0,102	0,294	0,002	0,006	0,116	FALSE
-0,075	0,315	-0,002	0,012	0,078	FALSE
0,036	0,317	0,001	0,010	0,047	FALSE
-0,092	0,316	-0,003	0,011	0,118	FALSE
-0,073	0,316	-0,002	0,009	0,093	FALSE
0,079	0,303	0,004	0,011	0,128	FALSE
-0,119	0,309	-0,004	0,010	0,138	FALSE
-0,086	0,303	-0,002	0,006	0,114	FALSE
0,141	0,300	0,004	0,007	0,232	FALSE
0,000	0,304	0,000	0,007	0,009	FALSE
0,098	0,298	0,004	0,011	0,145	FALSE
-0,130	0,297	-0,005	0,009	0,227	FALSE
0,055	0,304	0,001	0,008	0,069	FALSE
0,032	0,317	0,002	0,010	0,068	FALSE
-0,106	0,305	-0,003	0,007	0,166	FALSE
-0,027	0,313	0,000	0,012	0,006	FALSE
0,028	0,304	0,001	0,012	0,031	FALSE
-0,105	0,294	-0,002	0,006	0,140	FALSE
0,065	0,318	0,002	0,013	0,066	FALSE
-0,011	0,308	-0,001	0,010	0,021	FALSE
-0,156	0,310	-0,005	0,012	0,185	FALSE

0,022	0,301	0,001	0,006	0,060	FALSE
0,059	0,326	0,002	0,013	0,053	FALSE
-0,140	0,309	-0,003	0,007	0,165	FALSE
0,074	0,313	0,003	0,012	0,088	FALSE
-0,040	0,312	-0,001	0,007	0,046	FALSE
-0,090	0,307	-0,002	0,006	0,107	FALSE
0,048	0,315	0,001	0,007	0,070	FALSE
0,049	0,309	0,002	0,013	0,067	FALSE
-0,038	0,313	-0,002	0,011	0,058	FALSE
-0,071	0,309	-0,001	0,007	0,080	FALSE
0,009	0,309	0,000	0,007	0,002	FALSE
0,066	0,320	0,002	0,011	0,087	FALSE
0,078	0,309	0,002	0,007	0,112	FALSE
0,019	0,297	0,001	0,012	0,043	FALSE
-0,040	0,309	-0,002	0,008	0,084	FALSE
-0,013	0,302	0,000	0,010	0,014	FALSE
-0,102	0,293	-0,004	0,012	0,136	FALSE
-0,096	0,308	-0,002	0,009	0,105	FALSE
-0,139	0,303	-0,004	0,011	0,160	FALSE
-0,092	0,299	-0,002	0,007	0,111	FALSE
0,004	0,302	0,001	0,008	0,030	FALSE
-0,058	0,324	-0,002	0,010	0,058	FALSE
-0,017	0,316	-0,001	0,012	0,038	FALSE
-0,014	0,310	0,000	0,013	0,001	FALSE
0,044	0,324	0,001	0,011	0,027	FALSE
0,059	0,320	0,002	0,010	0,066	FALSE
0,018	0,323	0,000	0,008	0,007	FALSE
-0,045	0,320	-0,002	0,008	0,081	FALSE
-0,069	0,292	-0,001	0,007	0,083	FALSE
0,096	0,292	0,004	0,010	0,150	FALSE
0,056	0,316	0,001	0,007	0,068	FALSE
-0,078	0,304	-0,002	0,010	0,087	FALSE
0,066	0,310	0,003	0,013	0,081	FALSE
0,193	0,307	0,004	0,006	0,290	FALSE
0,128	0,290	0,004	0,007	0,219	FALSE
-0,067	0,301	-0,001	0,006	0,067	FALSE
0,115	0,308	0,003	0,011	0,118	FALSE
-0,062	0,312	-0,001	0,007	0,048	FALSE
0,043	0,290	0,001	0,007	0,052	FALSE
0,038	0,304	0,000	0,009	0,007	FALSE
-0,059	0,299	-0,002	0,009	0,088	FALSE
0,180	0,299	0,006	0,009	0,322	FALSE
-0,001	0,310	0,001	0,010	0,019	FALSE
0,087	0,302	0,003	0,008	0,137	FALSE
0,033	0,314	0,001	0,010	0,050	FALSE
0,011	0,304	0,001	0,009	0,040	FALSE
-0,056	0,318	-0,002	0,011	0,065	FALSE
0,024	0,314	0,000	0,008	0,004	FALSE
-0,122	0,307	-0,003	0,008	0,146	FALSE
0,025	0,306	0,001	0,008	0,028	FALSE
-0,105	0,312	-0,006	0,012	0,183	FALSE
0,060	0,311	0,001	0,007	0,055	FALSE
0,175	0,306	0,006	0,012	0,219	FALSE

0,072	0,301	0,002	0,008	0,076	FALSE
0,043	0,311	0,000	0,008	0,019	FALSE
0,088	0,292	0,003	0,007	0,158	FALSE
0,070	0,299	0,002	0,010	0,060	FALSE
-0,111	0,307	-0,004	0,010	0,156	FALSE
-0,119	0,308	-0,005	0,010	0,188	FALSE
-0,054	0,313	-0,001	0,009	0,034	FALSE
0,007	0,298	0,000	0,011	0,008	FALSE
-0,075	0,315	-0,002	0,008	0,101	FALSE
0,050	0,315	0,001	0,010	0,050	FALSE
-0,005	0,299	0,000	0,008	0,001	FALSE
-0,047	0,316	-0,001	0,007	0,049	FALSE
-0,003	0,317	-0,001	0,008	0,025	FALSE
0,038	0,310	0,002	0,012	0,057	FALSE
0,015	0,317	0,000	0,007	0,012	FALSE
-0,112	0,316	-0,005	0,012	0,160	FALSE
-0,029	0,309	-0,001	0,012	0,032	FALSE
-0,018	0,306	-0,001	0,010	0,033	FALSE
0,005	0,299	0,000	0,010	0,015	FALSE
-0,167	0,293	-0,005	0,010	0,224	FALSE
0,118	0,289	0,003	0,006	0,164	FALSE
-0,004	0,306	0,000	0,011	0,012	FALSE
0,009	0,321	0,000	0,008	0,009	FALSE
-0,052	0,306	-0,001	0,009	0,029	FALSE
-0,089	0,310	-0,002	0,006	0,109	FALSE
0,098	0,307	0,003	0,009	0,132	FALSE
0,131	0,302	0,003	0,008	0,159	FALSE
0,010	0,292	0,001	0,010	0,023	FALSE
0,056	0,314	0,001	0,010	0,044	FALSE
0,095	0,307	0,002	0,007	0,100	FALSE
0,029	0,303	0,000	0,008	0,008	FALSE
0,043	0,294	0,002	0,011	0,050	FALSE
0,029	0,290	0,001	0,012	0,034	FALSE
-0,057	0,298	-0,001	0,007	0,061	FALSE
-0,112	0,301	-0,003	0,007	0,154	FALSE
-0,090	0,310	-0,004	0,012	0,117	FALSE
-0,019	0,302	-0,001	0,012	0,017	FALSE
-0,147	0,316	-0,003	0,006	0,191	FALSE
-0,044	0,322	-0,001	0,007	0,070	FALSE
-0,061	0,308	-0,002	0,010	0,075	FALSE
-0,064	0,310	-0,003	0,013	0,079	FALSE
0,116	0,312	0,003	0,009	0,153	FALSE
0,119	0,309	0,003	0,008	0,138	FALSE
0,022	0,315	0,001	0,008	0,047	FALSE
0,030	0,305	0,000	0,008	0,010	FALSE
0,048	0,303	0,002	0,010	0,061	FALSE
-0,129	0,308	-0,003	0,009	0,149	FALSE
-0,122	0,284	-0,003	0,010	0,127	FALSE
-0,074	0,295	-0,002	0,012	0,057	FALSE
-0,060	0,313	-0,001	0,007	0,062	FALSE
0,043	0,310	0,001	0,007	0,038	FALSE
-0,034	0,305	-0,001	0,011	0,041	FALSE
-0,081	0,298	-0,002	0,006	0,103	FALSE

-0,030	0,290	-0,001	0,007	0,028	FALSE
-0,014	0,318	-0,001	0,006	0,038	FALSE
0,057	0,289	0,001	0,006	0,062	FALSE
0,035	0,294	0,001	0,007	0,075	FALSE
0,040	0,306	0,001	0,008	0,072	FALSE
-0,042	0,301	-0,001	0,007	0,048	FALSE
0,134	0,312	0,003	0,007	0,205	FALSE
0,089	0,306	0,003	0,011	0,111	FALSE
0,013	0,301	0,000	0,007	0,020	FALSE
0,021	0,294	0,000	0,006	0,016	FALSE
0,019	0,317	0,000	0,012	0,014	FALSE
0,199	0,294	0,005	0,007	0,325	FALSE
0,036	0,310	0,001	0,012	0,021	FALSE
0,044	0,308	0,001	0,011	0,017	FALSE
-0,082	0,309	-0,003	0,013	0,101	FALSE
0,067	0,314	0,002	0,010	0,078	FALSE
-0,066	0,311	-0,002	0,011	0,060	FALSE
0,016	0,300	0,000	0,012	0,004	FALSE
0,055	0,316	0,003	0,012	0,082	FALSE
0,069	0,309	0,003	0,012	0,107	FALSE
-0,162	0,299	-0,005	0,009	0,236	FALSE
0,131	0,296	0,005	0,010	0,199	FALSE
0,040	0,303	0,001	0,008	0,042	FALSE
-0,008	0,304	0,000	0,009	0,010	FALSE
0,031	0,330	0,000	0,007	0,025	FALSE
0,004	0,307	0,000	0,007	0,010	FALSE
-0,079	0,306	-0,003	0,011	0,101	FALSE
-0,045	0,297	-0,003	0,012	0,084	FALSE
-0,036	0,299	-0,002	0,012	0,077	FALSE
0,026	0,309	0,001	0,007	0,032	FALSE
0,083	0,297	0,002	0,006	0,140	FALSE
-0,082	0,300	-0,001	0,007	0,060	FALSE
0,081	0,296	0,003	0,010	0,108	FALSE
0,076	0,291	0,002	0,010	0,073	FALSE
-0,068	0,306	-0,001	0,006	0,055	FALSE
-0,098	0,311	-0,004	0,011	0,151	FALSE
-0,132	0,299	-0,003	0,007	0,175	FALSE
0,002	0,306	0,001	0,009	0,029	FALSE
-0,015	0,300	0,000	0,006	0,001	FALSE
-0,074	0,310	-0,002	0,008	0,081	FALSE
-0,074	0,299	-0,002	0,008	0,100	FALSE
-0,007	0,310	-0,001	0,008	0,047	FALSE
0,043	0,309	0,001	0,012	0,028	FALSE
-0,029	0,312	0,000	0,007	0,009	FALSE
0,052	0,298	0,002	0,011	0,086	FALSE
-0,008	0,309	0,000	0,009	0,008	FALSE
-0,075	0,306	-0,002	0,008	0,111	FALSE
-0,077	0,306	-0,002	0,007	0,086	FALSE
-0,046	0,313	-0,001	0,007	0,038	FALSE
-0,160	0,301	-0,004	0,006	0,236	FALSE
-0,003	0,303	0,000	0,008	0,005	FALSE
0,016	0,310	0,000	0,012	0,010	FALSE
0,019	0,318	0,001	0,010	0,026	FALSE

-0,001	0,320	-0,001	0,010	0,024	FALSE
-0,083	0,295	-0,003	0,012	0,083	FALSE
0,026	0,301	0,001	0,011	0,022	FALSE
-0,045	0,309	-0,001	0,007	0,049	FALSE
-0,039	0,305	-0,001	0,010	0,040	FALSE
-0,007	0,316	0,001	0,011	0,023	FALSE
0,048	0,324	0,002	0,009	0,063	FALSE
0,093	0,285	0,004	0,007	0,199	FALSE
-0,033	0,296	0,000	0,009	0,013	FALSE
0,009	0,292	0,000	0,011	0,006	FALSE
0,012	0,312	0,000	0,012	0,000	FALSE
0,076	0,306	0,003	0,012	0,093	FALSE
0,090	0,300	0,004	0,012	0,122	FALSE
0,121	0,300	0,003	0,009	0,148	FALSE
0,056	0,307	0,002	0,008	0,094	FALSE
0,057	0,305	0,003	0,011	0,097	FALSE
0,005	0,299	0,000	0,007	0,003	FALSE
0,067	0,312	0,001	0,008	0,053	FALSE
0,079	0,303	0,002	0,010	0,085	FALSE
-0,008	0,315	0,000	0,010	0,008	FALSE
0,031	0,317	0,001	0,009	0,040	FALSE
0,005	0,311	0,001	0,012	0,022	FALSE
0,055	0,308	0,002	0,009	0,065	FALSE
-0,112	0,316	-0,004	0,010	0,150	FALSE
-0,033	0,305	-0,001	0,012	0,041	FALSE
-0,087	0,307	-0,002	0,007	0,131	FALSE
0,041	0,306	0,001	0,007	0,026	FALSE
-0,108	0,311	-0,004	0,010	0,168	FALSE
0,002	0,305	0,000	0,007	0,013	FALSE
-0,057	0,297	-0,001	0,007	0,067	FALSE
0,175	0,302	0,006	0,010	0,248	FALSE
0,076	0,278	0,004	0,012	0,135	FALSE
0,071	0,300	0,002	0,006	0,109	FALSE
0,024	0,311	0,001	0,006	0,040	FALSE
-0,031	0,310	-0,001	0,007	0,068	FALSE
0,032	0,313	0,002	0,011	0,059	FALSE
-0,076	0,309	-0,002	0,009	0,094	FALSE
0,009	0,297	0,000	0,007	0,002	FALSE
0,055	0,312	0,001	0,008	0,070	FALSE
-0,111	0,311	-0,005	0,012	0,154	FALSE
0,041	0,321	0,001	0,008	0,066	FALSE
0,051	0,313	0,002	0,008	0,079	FALSE
0,013	0,302	0,001	0,012	0,034	FALSE
0,125	0,299	0,005	0,011	0,175	FALSE
-0,074	0,302	-0,003	0,011	0,103	FALSE
0,120	0,311	0,005	0,011	0,199	FALSE
-0,060	0,294	-0,002	0,008	0,072	FALSE
0,076	0,295	0,002	0,011	0,063	FALSE
-0,195	0,304	-0,007	0,010	0,284	FALSE
-0,064	0,299	-0,002	0,010	0,060	FALSE
0,010	0,297	0,000	0,007	0,013	FALSE
0,180	0,293	0,008	0,011	0,319	FALSE
-0,113	0,291	-0,005	0,011	0,177	FALSE

-0,093	0,309	-0,002	0,007	0,096	FALSE
-0,038	0,306	-0,001	0,008	0,045	FALSE
-0,003	0,312	-0,001	0,009	0,026	FALSE
-0,061	0,307	-0,002	0,008	0,074	FALSE
-0,143	0,295	-0,004	0,008	0,206	FALSE
-0,049	0,312	-0,002	0,009	0,081	FALSE
0,030	0,296	0,001	0,007	0,046	FALSE
-0,014	0,303	-0,001	0,007	0,028	FALSE
0,105	0,299	0,004	0,011	0,123	FALSE
-0,214	0,301	-0,005	0,007	0,329	FALSE
-0,033	0,307	-0,001	0,006	0,038	FALSE
-0,028	0,317	-0,001	0,009	0,041	FALSE
0,009	0,322	0,000	0,006	0,001	FALSE
0,026	0,308	0,001	0,007	0,060	FALSE
0,126	0,310	0,006	0,013	0,177	FALSE
-0,019	0,299	-0,001	0,007	0,044	FALSE
0,000	0,297	0,001	0,011	0,031	FALSE
-0,017	0,308	0,000	0,011	0,011	FALSE
0,024	0,309	0,002	0,012	0,071	FALSE
0,006	0,302	0,000	0,007	0,010	FALSE
0,035	0,316	0,000	0,007	0,022	FALSE
0,064	0,312	0,002	0,012	0,071	FALSE
-0,073	0,305	-0,003	0,012	0,103	FALSE
0,067	0,315	0,002	0,010	0,084	FALSE
0,126	0,303	0,005	0,010	0,205	FALSE
-0,047	0,306	-0,002	0,008	0,088	FALSE
-0,061	0,304	-0,002	0,006	0,103	FALSE
0,059	0,302	0,002	0,011	0,085	FALSE
0,047	0,292	0,002	0,010	0,059	FALSE
-0,007	0,315	0,000	0,010	0,005	FALSE
0,016	0,306	0,001	0,012	0,018	FALSE
0,158	0,295	0,008	0,013	0,270	FALSE
-0,017	0,306	-0,001	0,007	0,038	FALSE
-0,110	0,300	-0,003	0,009	0,139	FALSE
-0,015	0,308	0,000	0,009	0,002	FALSE
0,006	0,314	0,000	0,010	0,000	FALSE
0,080	0,310	0,004	0,012	0,128	FALSE
0,021	0,315	0,001	0,009	0,046	FALSE
-0,031	0,308	-0,002	0,009	0,063	FALSE
-0,041	0,320	-0,002	0,009	0,085	FALSE
0,136	0,300	0,003	0,006	0,181	FALSE
-0,056	0,314	-0,002	0,013	0,069	FALSE
0,012	0,303	0,001	0,011	0,046	FALSE
-0,001	0,311	0,000	0,011	0,014	FALSE
0,039	0,303	0,001	0,011	0,030	FALSE
0,094	0,305	0,002	0,006	0,150	FALSE
0,005	0,296	0,000	0,009	0,004	FALSE
-0,103	0,313	-0,002	0,007	0,127	FALSE
0,046	0,305	0,001	0,011	0,039	FALSE
0,012	0,304	0,000	0,008	0,018	FALSE
-0,097	0,310	-0,004	0,012	0,147	FALSE
-0,126	0,313	-0,003	0,008	0,143	FALSE
-0,022	0,301	-0,001	0,008	0,057	FALSE

-0,029	0,305	0,000	0,007	0,020	FALSE
0,100	0,292	0,003	0,010	0,120	FALSE
0,023	0,307	0,001	0,006	0,035	FALSE
-0,100	0,311	-0,003	0,011	0,107	FALSE
-0,023	0,307	0,000	0,007	0,009	FALSE
0,026	0,310	0,001	0,007	0,035	FALSE
-0,013	0,324	0,000	0,012	0,013	FALSE
0,069	0,303	0,002	0,008	0,076	FALSE
0,029	0,314	0,001	0,006	0,031	FALSE
-0,127	0,300	-0,005	0,012	0,185	FALSE
-0,051	0,306	-0,002	0,008	0,091	FALSE
-0,071	0,318	-0,002	0,009	0,101	FALSE
-0,077	0,305	-0,002	0,010	0,079	FALSE
0,027	0,318	0,001	0,008	0,040	FALSE
-0,001	0,302	0,000	0,011	0,005	FALSE
-0,034	0,306	-0,001	0,010	0,035	FALSE
-0,064	0,305	-0,003	0,011	0,090	FALSE
-0,005	0,301	0,000	0,009	0,001	FALSE
-0,018	0,305	0,000	0,006	0,014	FALSE
-0,032	0,316	-0,001	0,011	0,039	FALSE
0,001	0,314	0,000	0,011	0,010	FALSE
0,062	0,307	0,001	0,009	0,038	FALSE
-0,099	0,303	-0,002	0,007	0,137	FALSE
0,040	0,300	0,002	0,012	0,045	FALSE
-0,007	0,321	0,000	0,007	0,004	FALSE
0,186	0,302	0,006	0,009	0,282	FALSE
-0,019	0,304	-0,002	0,009	0,078	FALSE
0,199	0,286	0,007	0,010	0,309	FALSE
-0,106	0,304	-0,004	0,011	0,127	FALSE
0,035	0,301	0,001	0,011	0,030	FALSE
0,066	0,298	0,003	0,010	0,136	FALSE
0,022	0,306	0,000	0,008	0,013	FALSE
0,038	0,315	0,001	0,008	0,051	FALSE
0,018	0,308	0,000	0,008	0,015	FALSE
0,055	0,300	0,002	0,008	0,080	FALSE
0,053	0,304	0,002	0,008	0,099	FALSE
-0,084	0,302	-0,002	0,008	0,096	FALSE
0,030	0,305	0,000	0,006	0,012	FALSE
-0,168	0,303	-0,005	0,008	0,244	FALSE
0,040	0,318	0,002	0,009	0,062	FALSE
-0,095	0,303	-0,003	0,009	0,121	FALSE
0,050	0,320	0,002	0,011	0,068	FALSE
-0,033	0,315	-0,001	0,008	0,045	FALSE
-0,066	0,291	-0,001	0,007	0,050	FALSE
0,027	0,316	0,001	0,012	0,042	FALSE
-0,088	0,315	-0,003	0,010	0,103	FALSE
0,126	0,300	0,004	0,008	0,179	FALSE
0,084	0,302	0,003	0,012	0,080	FALSE
0,052	0,296	0,001	0,007	0,069	FALSE
0,014	0,307	0,000	0,009	0,019	FALSE
0,041	0,310	0,002	0,011	0,057	FALSE
0,035	0,308	0,001	0,007	0,072	FALSE
-0,141	0,300	-0,004	0,007	0,204	FALSE

0,048	0,305	0,001	0,008	0,029	FALSE
0,135	0,297	0,006	0,011	0,238	FALSE
-0,076	0,307	-0,002	0,008	0,105	FALSE
-0,140	0,309	-0,006	0,011	0,241	FALSE
-0,011	0,308	0,000	0,008	0,016	FALSE
-0,069	0,300	-0,002	0,007	0,107	FALSE
-0,029	0,299	-0,002	0,013	0,066	FALSE
-0,115	0,307	-0,002	0,006	0,111	FALSE
-0,042	0,301	-0,002	0,012	0,053	FALSE
0,015	0,311	0,000	0,011	0,011	FALSE
-0,098	0,284	-0,002	0,006	0,120	FALSE
-0,120	0,308	-0,003	0,007	0,144	FALSE
-0,001	0,306	0,000	0,009	0,008	FALSE
0,052	0,300	0,001	0,008	0,036	FALSE
0,010	0,308	0,000	0,009	0,005	FALSE
-0,064	0,304	-0,003	0,011	0,102	FALSE
0,168	0,287	0,006	0,010	0,238	FALSE
0,131	0,302	0,006	0,012	0,195	FALSE
0,142	0,300	0,005	0,011	0,202	FALSE
0,164	0,306	0,006	0,013	0,215	FALSE
-0,017	0,322	0,000	0,008	0,018	FALSE
0,116	0,301	0,004	0,010	0,144	FALSE
0,067	0,308	0,001	0,006	0,077	FALSE
0,014	0,313	0,001	0,009	0,033	FALSE
-0,094	0,302	-0,002	0,010	0,094	FALSE
-0,024	0,314	-0,001	0,011	0,020	FALSE
-0,108	0,309	-0,003	0,009	0,139	FALSE
0,063	0,304	0,001	0,008	0,066	FALSE
0,030	0,311	0,001	0,008	0,024	FALSE
0,018	0,307	0,001	0,013	0,034	FALSE
0,038	0,302	0,001	0,011	0,019	FALSE
-0,092	0,318	-0,003	0,009	0,125	FALSE
0,014	0,310	0,000	0,007	0,010	FALSE
0,030	0,320	0,001	0,010	0,050	FALSE
0,037	0,299	0,002	0,011	0,071	FALSE
0,013	0,310	0,002	0,010	0,055	FALSE
0,033	0,309	0,002	0,010	0,057	FALSE
-0,042	0,308	-0,001	0,006	0,074	FALSE
0,066	0,294	0,002	0,008	0,083	FALSE
-0,041	0,304	-0,002	0,010	0,060	FALSE
-0,133	0,303	-0,004	0,008	0,186	FALSE
0,112	0,291	0,003	0,007	0,192	FALSE
0,088	0,313	0,002	0,008	0,120	FALSE
-0,073	0,317	-0,003	0,011	0,102	FALSE
0,110	0,302	0,003	0,008	0,150	FALSE
-0,023	0,309	-0,001	0,008	0,021	FALSE
0,118	0,298	0,004	0,008	0,188	FALSE
-0,109	0,298	-0,003	0,008	0,168	FALSE
-0,131	0,305	-0,006	0,012	0,214	FALSE
0,023	0,302	0,001	0,008	0,023	FALSE
-0,032	0,307	-0,002	0,012	0,045	FALSE
-0,114	0,297	-0,003	0,008	0,129	FALSE
-0,080	0,311	-0,002	0,008	0,118	FALSE

0,145	0,304	0,004	0,009	0,164	FALSE
-0,069	0,319	-0,004	0,013	0,113	FALSE
-0,020	0,326	0,000	0,009	0,019	FALSE
0,086	0,315	0,002	0,008	0,094	FALSE
-0,101	0,291	-0,002	0,006	0,135	FALSE
-0,172	0,298	-0,005	0,010	0,215	FALSE
-0,034	0,319	-0,001	0,008	0,025	FALSE
-0,018	0,305	0,000	0,008	0,011	FALSE
0,145	0,297	0,003	0,006	0,197	FALSE
-0,071	0,305	-0,002	0,011	0,087	FALSE
0,025	0,299	0,001	0,012	0,020	FALSE
0,005	0,318	0,001	0,010	0,022	FALSE
-0,060	0,318	-0,003	0,013	0,093	FALSE
0,036	0,309	0,001	0,007	0,072	FALSE
-0,020	0,303	-0,001	0,010	0,033	FALSE
-0,057	0,302	-0,001	0,009	0,056	FALSE
-0,007	0,311	0,001	0,009	0,026	FALSE
-0,040	0,311	-0,001	0,008	0,036	FALSE
0,093	0,307	0,003	0,010	0,120	FALSE
0,078	0,303	0,002	0,008	0,093	FALSE
0,084	0,285	0,002	0,008	0,109	FALSE
-0,048	0,298	-0,001	0,007	0,051	FALSE
0,089	0,291	0,004	0,012	0,147	FALSE
-0,073	0,301	-0,001	0,007	0,083	FALSE
-0,007	0,307	0,000	0,008	0,005	FALSE
0,029	0,310	0,000	0,008	0,005	FALSE
0,103	0,301	0,003	0,010	0,118	FALSE
0,094	0,298	0,002	0,006	0,154	FALSE
-0,019	0,301	0,000	0,007	0,004	FALSE
-0,039	0,305	-0,002	0,011	0,058	FALSE
-0,072	0,312	-0,004	0,010	0,142	FALSE
0,035	0,313	0,000	0,006	0,009	FALSE
-0,051	0,299	-0,001	0,006	0,044	FALSE
-0,057	0,297	-0,001	0,007	0,058	FALSE
0,027	0,291	0,001	0,012	0,023	FALSE
-0,019	0,312	-0,001	0,011	0,026	FALSE
0,014	0,329	0,000	0,012	0,004	FALSE
-0,052	0,314	-0,002	0,010	0,081	FALSE
0,020	0,317	0,001	0,007	0,050	FALSE
-0,088	0,299	-0,003	0,011	0,117	FALSE
-0,077	0,303	-0,001	0,007	0,065	FALSE
0,134	0,293	0,003	0,006	0,196	FALSE
0,002	0,304	0,000	0,008	0,008	FALSE
-0,033	0,313	-0,001	0,007	0,056	FALSE
0,025	0,312	0,000	0,013	0,001	FALSE
-0,006	0,308	0,000	0,008	0,006	FALSE
0,034	0,313	0,001	0,008	0,066	FALSE
0,054	0,296	0,003	0,012	0,114	FALSE
-0,025	0,296	0,000	0,007	0,012	FALSE
0,047	0,301	0,001	0,011	0,042	FALSE
-0,196	0,297	-0,008	0,012	0,304	FALSE
-0,012	0,306	0,000	0,009	0,013	FALSE
0,083	0,293	0,002	0,008	0,107	FALSE

0,026	0,312	0,001	0,012	0,024	FALSE
0,106	0,303	0,003	0,008	0,130	FALSE
0,146	0,309	0,003	0,006	0,228	FALSE
-0,122	0,310	-0,003	0,008	0,148	FALSE
0,056	0,322	0,002	0,010	0,063	FALSE
0,020	0,293	0,000	0,011	0,008	FALSE
0,081	0,292	0,003	0,009	0,117	FALSE
-0,022	0,301	0,000	0,007	0,027	FALSE
0,008	0,313	-0,001	0,012	0,020	FALSE
-0,068	0,311	-0,002	0,008	0,105	FALSE
-0,004	0,301	0,000	0,008	0,016	FALSE
-0,046	0,311	-0,001	0,006	0,043	FALSE
-0,061	0,303	-0,001	0,006	0,082	FALSE
-0,098	0,324	-0,002	0,008	0,118	FALSE
-0,004	0,304	0,000	0,007	0,006	FALSE
-0,032	0,299	-0,002	0,008	0,074	FALSE
-0,023	0,306	0,000	0,007	0,026	FALSE
-0,016	0,302	-0,001	0,008	0,031	FALSE
-0,051	0,310	-0,002	0,009	0,081	FALSE
-0,047	0,309	-0,001	0,012	0,041	FALSE
0,100	0,306	0,004	0,010	0,163	FALSE
0,030	0,303	0,001	0,007	0,075	FALSE
0,092	0,291	0,005	0,011	0,174	FALSE
0,141	0,299	0,004	0,010	0,185	FALSE
0,050	0,316	0,001	0,013	0,035	FALSE
0,083	0,289	0,002	0,011	0,056	FALSE
-0,044	0,314	-0,002	0,013	0,063	FALSE
0,035	0,303	0,000	0,010	0,017	FALSE
-0,023	0,305	-0,001	0,013	0,036	FALSE
-0,102	0,323	-0,002	0,007	0,124	FALSE
-0,012	0,321	-0,001	0,007	0,041	FALSE
-0,008	0,301	-0,001	0,007	0,041	FALSE
0,019	0,309	0,000	0,012	0,009	FALSE
0,004	0,313	0,000	0,008	0,016	FALSE
-0,025	0,310	-0,001	0,011	0,042	FALSE
-0,003	0,317	0,000	0,013	0,013	FALSE
-0,037	0,311	-0,002	0,010	0,062	FALSE
-0,006	0,323	0,000	0,010	0,018	FALSE
-0,034	0,313	-0,002	0,010	0,055	FALSE
0,083	0,302	0,003	0,012	0,094	FALSE
0,010	0,321	0,000	0,007	0,014	FALSE
-0,078	0,316	-0,002	0,007	0,086	FALSE
0,016	0,319	0,001	0,009	0,035	FALSE
0,035	0,300	0,002	0,009	0,077	FALSE
0,107	0,307	0,003	0,009	0,146	FALSE
0,020	0,319	0,001	0,013	0,035	FALSE
-0,039	0,303	-0,002	0,012	0,054	FALSE
-0,053	0,300	-0,002	0,009	0,094	FALSE
0,059	0,312	0,002	0,009	0,070	FALSE
-0,075	0,303	-0,002	0,007	0,100	FALSE
0,112	0,303	0,004	0,013	0,140	FALSE
0,062	0,314	0,001	0,007	0,078	FALSE
-0,024	0,312	0,000	0,009	0,014	FALSE

-0,063	0,321	-0,001	0,007	0,074	FALSE
-0,097	0,317	-0,003	0,012	0,096	FALSE
0,006	0,306	0,000	0,013	0,003	FALSE
-0,068	0,316	-0,002	0,007	0,084	FALSE
0,057	0,312	0,002	0,009	0,097	FALSE
0,012	0,311	0,000	0,008	0,012	FALSE
-0,025	0,305	-0,001	0,011	0,023	FALSE
-0,068	0,285	-0,001	0,008	0,069	FALSE
0,004	0,287	-0,001	0,012	0,042	FALSE
0,015	0,304	0,000	0,009	0,018	FALSE
0,015	0,304	0,000	0,009	0,016	FALSE
0,056	0,318	0,002	0,007	0,080	FALSE
0,083	0,297	0,002	0,008	0,102	FALSE
-0,046	0,311	-0,002	0,011	0,051	FALSE
-0,042	0,309	-0,001	0,007	0,049	FALSE
-0,141	0,290	-0,006	0,011	0,233	FALSE
-0,127	0,308	-0,006	0,012	0,202	FALSE
0,028	0,311	0,001	0,010	0,030	FALSE
-0,053	0,288	-0,002	0,012	0,061	FALSE
-0,043	0,301	-0,001	0,008	0,030	FALSE
-0,112	0,322	-0,003	0,007	0,163	FALSE
-0,057	0,299	-0,001	0,006	0,076	FALSE
0,055	0,294	0,002	0,010	0,098	FALSE
0,046	0,309	0,001	0,012	0,030	FALSE
-0,072	0,312	-0,002	0,013	0,063	FALSE
-0,148	0,304	-0,004	0,007	0,228	FALSE
0,007	0,300	0,000	0,007	0,008	FALSE
0,070	0,307	0,001	0,008	0,038	FALSE
0,080	0,311	0,001	0,007	0,081	FALSE
0,100	0,298	0,005	0,012	0,167	FALSE
-0,111	0,308	-0,004	0,011	0,137	FALSE
-0,101	0,304	-0,003	0,010	0,130	FALSE
0,036	0,305	0,001	0,006	0,038	FALSE
-0,083	0,297	-0,002	0,008	0,082	FALSE
-0,129	0,319	-0,003	0,009	0,148	FALSE
0,110	0,299	0,003	0,008	0,159	FALSE
-0,084	0,313	-0,002	0,007	0,124	FALSE
0,040	0,300	0,002	0,009	0,059	FALSE
-0,058	0,315	-0,002	0,008	0,088	FALSE
-0,082	0,322	-0,003	0,011	0,103	FALSE
-0,088	0,305	-0,003	0,012	0,102	FALSE
-0,023	0,306	0,000	0,009	0,013	FALSE
-0,016	0,295	0,000	0,008	0,013	FALSE
-0,042	0,306	-0,001	0,006	0,055	FALSE
0,050	0,311	0,002	0,012	0,055	FALSE
0,001	0,299	0,000	0,006	0,002	FALSE
-0,009	0,305	-0,001	0,011	0,022	FALSE
0,033	0,316	0,001	0,007	0,066	FALSE
0,198	0,299	0,006	0,008	0,356	FALSE
0,115	0,300	0,002	0,007	0,134	FALSE
0,096	0,303	0,005	0,012	0,146	FALSE
-0,004	0,290	0,000	0,007	0,018	FALSE
0,084	0,305	0,002	0,007	0,134	FALSE

0,107	0,304	0,002	0,006	0,161	FALSE
-0,032	0,321	-0,001	0,009	0,051	FALSE
0,001	0,314	0,000	0,008	0,017	FALSE
-0,063	0,311	-0,001	0,006	0,070	FALSE
0,066	0,310	0,002	0,009	0,094	FALSE
-0,104	0,312	-0,002	0,007	0,112	FALSE
0,016	0,299	0,001	0,006	0,050	FALSE
-0,086	0,328	-0,002	0,008	0,083	FALSE
0,003	0,303	0,000	0,007	0,001	FALSE
0,043	0,309	0,002	0,012	0,075	FALSE
0,024	0,310	0,002	0,012	0,059	FALSE
-0,048	0,305	-0,001	0,010	0,041	FALSE
0,049	0,309	0,002	0,012	0,056	FALSE
0,048	0,302	0,001	0,007	0,062	FALSE
-0,018	0,293	-0,001	0,007	0,030	FALSE
-0,040	0,292	-0,002	0,010	0,061	FALSE
-0,070	0,303	-0,003	0,012	0,085	FALSE
-0,104	0,303	-0,003	0,007	0,140	FALSE
-0,110	0,300	-0,003	0,008	0,139	FALSE
-0,116	0,287	-0,003	0,007	0,173	FALSE
-0,024	0,311	-0,001	0,010	0,046	FALSE
0,108	0,303	0,003	0,010	0,145	FALSE
0,015	0,309	0,001	0,012	0,029	FALSE
-0,044	0,306	-0,001	0,007	0,058	FALSE
-0,022	0,307	0,000	0,006	0,026	FALSE
-0,107	0,301	-0,003	0,007	0,171	FALSE
0,045	0,301	0,002	0,011	0,072	FALSE
0,122	0,295	0,002	0,006	0,128	FALSE
0,048	0,300	0,001	0,010	0,047	FALSE
-0,029	0,313	0,000	0,006	0,001	FALSE
-0,016	0,319	0,000	0,011	0,004	FALSE
-0,043	0,320	-0,003	0,013	0,075	FALSE
-0,084	0,310	-0,002	0,008	0,115	FALSE
-0,036	0,305	-0,001	0,012	0,033	FALSE
-0,125	0,318	-0,003	0,008	0,139	FALSE
-0,038	0,311	-0,001	0,012	0,042	FALSE
0,033	0,290	0,000	0,009	0,007	FALSE
-0,010	0,304	-0,001	0,012	0,034	FALSE
-0,065	0,305	-0,004	0,012	0,135	FALSE
0,222	0,291	0,010	0,012	0,387	FALSE
-0,150	0,297	-0,007	0,011	0,266	FALSE
-0,007	0,301	0,000	0,006	0,022	FALSE
0,142	0,295	0,006	0,012	0,199	FALSE
-0,016	0,307	-0,001	0,006	0,030	FALSE
0,053	0,302	0,001	0,007	0,079	FALSE
-0,087	0,301	-0,003	0,008	0,136	FALSE
0,032	0,311	0,001	0,010	0,034	FALSE
0,113	0,299	0,003	0,006	0,181	FALSE
0,111	0,294	0,003	0,006	0,173	FALSE
0,134	0,293	0,003	0,006	0,228	FALSE
0,135	0,292	0,005	0,013	0,153	FALSE
0,120	0,294	0,004	0,013	0,141	FALSE
0,040	0,315	0,001	0,007	0,054	FALSE

0,056	0,316	0,002	0,011	0,052	FALSE
0,032	0,323	0,001	0,009	0,035	FALSE
0,092	0,301	0,003	0,009	0,125	FALSE
-0,155	0,322	-0,005	0,011	0,164	FALSE
-0,007	0,302	0,000	0,008	0,007	FALSE
-0,012	0,305	-0,001	0,008	0,045	FALSE
-0,004	0,312	-0,001	0,008	0,031	FALSE
0,047	0,297	0,004	0,012	0,131	FALSE
0,002	0,314	0,000	0,011	0,006	FALSE
0,084	0,284	0,004	0,012	0,115	FALSE
-0,071	0,304	-0,002	0,008	0,077	FALSE
0,053	0,319	0,001	0,007	0,073	FALSE
0,031	0,296	0,001	0,008	0,050	FALSE
0,009	0,304	0,000	0,008	0,011	FALSE
-0,040	0,305	-0,003	0,012	0,099	FALSE
-0,012	0,304	-0,001	0,009	0,025	FALSE
0,064	0,308	0,003	0,011	0,086	FALSE
-0,021	0,311	-0,001	0,011	0,019	FALSE
-0,109	0,306	-0,003	0,007	0,186	FALSE
-0,016	0,320	0,000	0,007	0,004	FALSE
-0,056	0,316	-0,002	0,008	0,082	FALSE
-0,071	0,308	-0,003	0,009	0,138	FALSE
0,125	0,304	0,006	0,012	0,194	FALSE
-0,083	0,308	-0,003	0,010	0,113	FALSE
-0,014	0,303	-0,001	0,008	0,025	FALSE
-0,128	0,313	-0,004	0,011	0,157	FALSE
-0,075	0,320	-0,001	0,006	0,070	FALSE
-0,012	0,306	-0,001	0,011	0,023	FALSE
-0,060	0,307	-0,002	0,011	0,080	FALSE
0,060	0,309	0,003	0,012	0,100	FALSE
0,076	0,300	0,002	0,009	0,099	FALSE
0,150	0,297	0,006	0,011	0,232	FALSE
0,062	0,284	0,002	0,012	0,067	FALSE
0,039	0,298	0,001	0,008	0,029	FALSE
0,032	0,306	0,001	0,006	0,057	FALSE
-0,065	0,317	-0,004	0,013	0,105	FALSE
-0,031	0,286	0,000	0,012	0,015	FALSE
0,011	0,313	0,000	0,008	0,009	FALSE
-0,097	0,297	-0,003	0,008	0,139	FALSE
0,091	0,304	0,002	0,008	0,114	FALSE
0,066	0,313	0,002	0,007	0,096	FALSE
-0,016	0,308	-0,001	0,009	0,021	FALSE
0,079	0,293	0,002	0,007	0,096	FALSE
-0,022	0,300	0,000	0,009	0,016	FALSE
-0,194	0,289	-0,004	0,007	0,263	FALSE
0,108	0,304	0,005	0,012	0,194	FALSE
-0,124	0,301	-0,003	0,008	0,139	FALSE
0,040	0,296	0,001	0,006	0,082	FALSE
0,085	0,308	0,005	0,013	0,153	FALSE
0,068	0,302	0,004	0,012	0,117	FALSE
-0,105	0,298	-0,003	0,008	0,140	FALSE
0,072	0,289	0,004	0,012	0,151	FALSE
-0,129	0,298	-0,005	0,011	0,179	FALSE

0,040	0,308	0,001	0,007	0,069	FALSE
0,009	0,306	0,002	0,012	0,056	FALSE
0,104	0,308	0,003	0,008	0,129	FALSE
0,059	0,315	0,001	0,006	0,087	FALSE
0,112	0,298	0,002	0,007	0,116	FALSE
0,041	0,306	0,001	0,013	0,039	FALSE
-0,156	0,300	-0,006	0,011	0,227	FALSE
0,113	0,303	0,002	0,007	0,130	FALSE
-0,046	0,306	-0,002	0,009	0,065	FALSE
0,001	0,316	0,000	0,009	0,010	FALSE
-0,112	0,291	-0,003	0,008	0,173	FALSE
0,060	0,310	0,001	0,007	0,048	FALSE
0,039	0,302	0,002	0,011	0,064	FALSE
-0,037	0,302	-0,001	0,012	0,030	FALSE
-0,090	0,313	-0,003	0,010	0,119	FALSE
0,032	0,311	0,001	0,008	0,072	FALSE
-0,164	0,304	-0,005	0,011	0,198	FALSE
0,046	0,323	0,002	0,011	0,058	FALSE
-0,004	0,315	0,000	0,008	0,003	FALSE
-0,077	0,301	-0,002	0,010	0,090	FALSE
0,066	0,306	0,002	0,009	0,064	FALSE
-0,079	0,313	-0,003	0,012	0,110	FALSE
-0,005	0,304	0,000	0,009	0,005	FALSE
0,010	0,296	0,000	0,007	0,010	FALSE
0,017	0,321	0,000	0,013	0,007	FALSE
-0,142	0,301	-0,003	0,007	0,182	FALSE
0,097	0,307	0,004	0,009	0,184	FALSE
0,084	0,295	0,003	0,009	0,149	FALSE
0,111	0,301	0,004	0,009	0,194	FALSE
-0,064	0,315	-0,002	0,011	0,079	FALSE
0,051	0,291	0,002	0,009	0,066	FALSE
0,052	0,309	0,001	0,010	0,036	FALSE
-0,134	0,290	-0,004	0,008	0,205	FALSE
0,018	0,316	0,000	0,012	0,009	FALSE
0,067	0,310	0,001	0,013	0,030	FALSE
0,085	0,296	0,003	0,008	0,129	FALSE
-0,145	0,306	-0,004	0,007	0,203	FALSE
0,060	0,303	0,002	0,008	0,084	FALSE
0,091	0,303	0,002	0,008	0,112	FALSE
0,042	0,301	0,002	0,010	0,081	FALSE
0,037	0,302	0,001	0,008	0,024	FALSE
0,113	0,302	0,003	0,007	0,185	FALSE
0,083	0,313	0,002	0,009	0,073	FALSE
-0,156	0,299	-0,004	0,009	0,168	FALSE
-0,046	0,302	-0,002	0,012	0,066	FALSE
-0,052	0,298	-0,001	0,007	0,070	FALSE
-0,069	0,306	-0,002	0,007	0,086	FALSE
0,048	0,318	0,001	0,009	0,043	FALSE
-0,173	0,304	-0,004	0,008	0,242	FALSE
-0,027	0,320	-0,001	0,009	0,026	FALSE
-0,100	0,309	-0,003	0,009	0,136	FALSE
0,187	0,292	0,005	0,008	0,253	FALSE
0,179	0,298	0,005	0,008	0,230	FALSE

-0,031	0,325	-0,001	0,007	0,044	FALSE
0,135	0,314	0,005	0,012	0,184	FALSE
0,059	0,297	0,001	0,006	0,041	FALSE
-0,096	0,292	-0,002	0,007	0,139	FALSE
-0,137	0,303	-0,006	0,011	0,203	FALSE
-0,025	0,291	0,000	0,006	0,007	FALSE
-0,025	0,299	-0,001	0,011	0,047	FALSE
0,076	0,301	0,002	0,008	0,115	FALSE
0,066	0,305	0,002	0,008	0,100	FALSE
0,125	0,309	0,004	0,009	0,157	FALSE
0,043	0,322	0,001	0,008	0,064	FALSE
0,074	0,308	0,002	0,010	0,093	FALSE
0,045	0,316	0,000	0,007	0,012	FALSE
-0,002	0,304	0,000	0,007	0,026	FALSE
-0,075	0,297	-0,002	0,010	0,069	FALSE
0,102	0,316	0,003	0,009	0,146	FALSE
-0,009	0,304	-0,001	0,010	0,050	FALSE
-0,083	0,308	-0,001	0,006	0,060	FALSE
0,019	0,318	0,001	0,008	0,034	FALSE
0,146	0,310	0,006	0,013	0,211	FALSE
0,048	0,316	0,001	0,010	0,019	FALSE
0,005	0,309	0,001	0,012	0,016	FALSE
0,069	0,314	0,001	0,009	0,058	FALSE
0,076	0,319	0,003	0,011	0,113	FALSE
-0,023	0,304	-0,001	0,012	0,033	FALSE
0,007	0,306	0,000	0,009	0,016	FALSE
0,088	0,304	0,002	0,006	0,137	FALSE
0,020	0,292	0,001	0,007	0,062	FALSE
0,117	0,293	0,004	0,007	0,200	FALSE
0,095	0,306	0,001	0,007	0,082	FALSE
0,013	0,292	0,000	0,012	0,014	FALSE
0,129	0,310	0,004	0,010	0,156	FALSE
0,147	0,310	0,004	0,008	0,187	FALSE
0,018	0,317	0,001	0,006	0,041	FALSE
0,244	0,301	0,008	0,009	0,387	FALSE
0,141	0,288	0,006	0,012	0,228	FALSE
0,082	0,293	0,003	0,009	0,116	FALSE
0,026	0,307	0,000	0,007	0,005	FALSE
-0,029	0,293	-0,001	0,012	0,040	FALSE
-0,111	0,312	-0,003	0,008	0,133	FALSE
0,014	0,321	0,000	0,009	0,007	FALSE
-0,120	0,296	-0,004	0,011	0,159	FALSE
-0,029	0,296	-0,001	0,010	0,031	FALSE
-0,164	0,279	-0,003	0,006	0,232	FALSE
0,030	0,320	0,001	0,012	0,033	FALSE
-0,075	0,298	-0,003	0,008	0,130	FALSE
-0,056	0,313	-0,001	0,006	0,050	FALSE
0,066	0,302	0,001	0,007	0,081	FALSE
-0,024	0,304	0,000	0,006	0,010	FALSE
0,049	0,299	0,001	0,007	0,065	FALSE
0,024	0,307	0,002	0,012	0,046	FALSE
0,026	0,313	0,000	0,012	0,011	FALSE
0,011	0,317	0,000	0,008	0,002	FALSE

-0,014	0,307	-0,001	0,012	0,015	FALSE
0,018	0,309	0,000	0,011	0,004	FALSE
0,093	0,304	0,002	0,006	0,135	FALSE
0,037	0,322	0,000	0,008	0,005	FALSE
-0,034	0,296	-0,001	0,010	0,026	FALSE
0,028	0,313	0,001	0,012	0,035	FALSE
-0,024	0,297	-0,001	0,010	0,048	FALSE
-0,002	0,311	0,000	0,010	0,001	FALSE
-0,064	0,295	-0,001	0,008	0,073	FALSE
-0,053	0,298	-0,001	0,009	0,061	FALSE
-0,012	0,319	0,000	0,007	0,003	FALSE
-0,011	0,313	0,000	0,009	0,009	FALSE
0,027	0,303	0,002	0,012	0,047	FALSE
0,023	0,297	0,000	0,010	0,010	FALSE
-0,028	0,320	-0,001	0,010	0,033	FALSE
-0,033	0,309	-0,002	0,011	0,069	FALSE
-0,174	0,298	-0,006	0,012	0,208	FALSE
0,002	0,313	0,000	0,007	0,020	FALSE
0,043	0,298	0,001	0,007	0,031	FALSE
-0,004	0,297	0,000	0,012	0,001	FALSE
-0,088	0,306	-0,002	0,007	0,087	FALSE
-0,007	0,308	0,000	0,006	0,024	FALSE
-0,004	0,286	0,001	0,007	0,030	FALSE
-0,074	0,301	-0,003	0,010	0,106	FALSE
0,100	0,309	0,002	0,008	0,107	FALSE
0,023	0,310	0,000	0,012	0,014	FALSE
0,114	0,306	0,003	0,008	0,137	FALSE
0,070	0,308	0,003	0,010	0,110	FALSE
-0,035	0,302	0,000	0,011	0,007	FALSE
-0,004	0,301	0,000	0,009	0,012	FALSE
-0,038	0,309	-0,001	0,007	0,051	FALSE
0,001	0,307	0,000	0,007	0,019	FALSE
-0,023	0,308	-0,001	0,006	0,034	FALSE
0,158	0,295	0,003	0,006	0,204	FALSE
0,129	0,299	0,005	0,010	0,205	FALSE
0,234	0,286	0,005	0,007	0,328	FALSE
-0,040	0,303	-0,001	0,009	0,031	FALSE
-0,048	0,298	-0,004	0,012	0,111	FALSE
-0,029	0,314	0,000	0,012	0,010	FALSE
-0,048	0,297	-0,004	0,012	0,116	FALSE
-0,174	0,297	-0,004	0,006	0,253	FALSE
-0,176	0,319	-0,004	0,008	0,243	FALSE
-0,114	0,311	-0,004	0,011	0,151	FALSE
0,053	0,295	0,001	0,007	0,053	FALSE
0,174	0,298	0,004	0,007	0,248	FALSE
-0,190	0,306	-0,007	0,011	0,260	FALSE
-0,036	0,308	-0,001	0,009	0,034	FALSE
0,023	0,310	0,001	0,011	0,017	FALSE
-0,088	0,306	-0,003	0,013	0,096	FALSE
0,109	0,309	0,003	0,008	0,170	FALSE
0,111	0,303	0,003	0,008	0,162	FALSE
-0,030	0,320	-0,001	0,010	0,023	FALSE
0,182	0,297	0,005	0,008	0,254	FALSE

-0,106	0,305	-0,004	0,012	0,138	FALSE
-0,108	0,305	-0,005	0,013	0,144	FALSE
-0,074	0,314	-0,003	0,012	0,090	FALSE
0,006	0,309	0,000	0,009	0,016	FALSE
0,028	0,317	0,000	0,006	0,012	FALSE
0,015	0,310	0,000	0,008	0,018	FALSE
0,050	0,305	0,001	0,012	0,041	FALSE
0,023	0,309	0,001	0,008	0,025	FALSE
0,077	0,314	0,002	0,011	0,065	FALSE
-0,012	0,330	0,000	0,010	0,015	FALSE
0,038	0,318	0,002	0,013	0,049	FALSE
-0,051	0,312	-0,001	0,008	0,065	FALSE
0,053	0,309	0,001	0,008	0,044	FALSE
-0,023	0,300	-0,002	0,012	0,047	FALSE
-0,109	0,298	-0,003	0,007	0,166	FALSE
0,015	0,316	0,001	0,007	0,032	FALSE
-0,006	0,298	0,000	0,010	0,003	FALSE
-0,155	0,306	-0,006	0,010	0,239	FALSE
-0,049	0,298	-0,001	0,008	0,074	FALSE
0,066	0,304	0,001	0,008	0,066	FALSE
0,077	0,319	0,003	0,013	0,095	FALSE
0,059	0,307	0,002	0,012	0,066	FALSE
-0,044	0,305	-0,001	0,007	0,051	FALSE
-0,199	0,292	-0,008	0,012	0,294	FALSE
-0,125	0,311	-0,003	0,009	0,148	FALSE
-0,042	0,304	-0,001	0,008	0,025	FALSE
0,004	0,303	0,000	0,012	0,011	FALSE
-0,085	0,296	-0,003	0,008	0,151	FALSE
-0,047	0,318	-0,001	0,006	0,040	FALSE
0,094	0,310	0,002	0,007	0,131	FALSE
-0,059	0,300	-0,001	0,007	0,060	FALSE
-0,058	0,318	-0,002	0,012	0,066	FALSE
0,059	0,317	0,002	0,008	0,094	FALSE
0,033	0,315	0,001	0,006	0,064	FALSE
-0,062	0,311	-0,002	0,010	0,080	FALSE
0,051	0,300	0,002	0,008	0,076	FALSE
-0,003	0,316	-0,001	0,012	0,016	FALSE
-0,013	0,298	-0,001	0,008	0,023	FALSE
-0,028	0,309	-0,001	0,012	0,027	FALSE
-0,179	0,302	-0,005	0,009	0,236	FALSE
-0,070	0,305	-0,001	0,007	0,033	FALSE
0,050	0,318	0,002	0,013	0,044	FALSE
-0,008	0,309	0,000	0,007	0,022	FALSE
-0,122	0,309	-0,004	0,013	0,128	FALSE
-0,015	0,311	-0,001	0,012	0,021	FALSE
0,022	0,300	0,001	0,007	0,033	FALSE
0,020	0,315	0,001	0,011	0,016	FALSE
-0,021	0,307	0,000	0,011	0,012	FALSE
0,052	0,304	0,002	0,010	0,060	FALSE
-0,133	0,303	-0,003	0,007	0,165	FALSE
0,029	0,314	0,001	0,010	0,043	FALSE
0,037	0,312	0,001	0,008	0,040	FALSE
0,125	0,297	0,003	0,008	0,151	FALSE

0,096	0,292	0,003	0,008	0,132	FALSE
-0,006	0,319	0,000	0,013	0,006	FALSE
0,040	0,301	0,002	0,012	0,058	FALSE
-0,047	0,305	-0,002	0,009	0,076	FALSE
-0,024	0,309	0,000	0,009	0,004	FALSE
0,023	0,318	0,002	0,011	0,055	FALSE
0,060	0,314	0,001	0,009	0,046	FALSE
0,016	0,320	0,001	0,013	0,022	FALSE
-0,089	0,322	-0,002	0,007	0,098	FALSE
-0,004	0,317	0,001	0,009	0,025	FALSE
-0,108	0,312	-0,006	0,013	0,207	FALSE
0,070	0,303	0,003	0,012	0,095	FALSE
-0,035	0,301	-0,002	0,008	0,075	FALSE
0,113	0,294	0,004	0,008	0,196	FALSE
0,096	0,300	0,002	0,007	0,125	FALSE
0,072	0,307	0,002	0,007	0,105	FALSE
-0,038	0,311	-0,001	0,012	0,031	FALSE
0,094	0,302	0,002	0,006	0,157	FALSE
-0,009	0,304	0,000	0,006	0,014	FALSE
-0,026	0,315	-0,001	0,010	0,046	FALSE
-0,170	0,304	-0,005	0,008	0,251	FALSE
0,105	0,306	0,003	0,008	0,139	FALSE
-0,087	0,309	-0,002	0,009	0,099	FALSE
-0,088	0,311	-0,002	0,008	0,103	FALSE
-0,096	0,317	-0,002	0,009	0,099	FALSE
0,086	0,332	0,001	0,007	0,077	FALSE
-0,037	0,306	-0,001	0,013	0,035	FALSE
0,001	0,303	0,000	0,007	0,006	FALSE
-0,138	0,308	-0,003	0,007	0,184	FALSE
-0,111	0,307	-0,003	0,007	0,144	FALSE
0,016	0,303	0,001	0,008	0,043	FALSE
0,012	0,312	0,000	0,008	0,010	FALSE
0,011	0,307	0,000	0,007	0,008	FALSE
0,148	0,303	0,004	0,009	0,171	FALSE
-0,146	0,295	-0,005	0,010	0,197	FALSE
-0,037	0,307	-0,002	0,011	0,062	FALSE
-0,007	0,312	0,000	0,008	0,006	FALSE
0,077	0,294	0,004	0,011	0,122	FALSE
0,101	0,312	0,003	0,011	0,116	FALSE
0,022	0,331	0,000	0,013	0,012	FALSE
-0,059	0,315	-0,002	0,008	0,086	FALSE
0,067	0,310	0,002	0,007	0,085	FALSE
-0,029	0,308	-0,001	0,007	0,034	FALSE
0,005	0,314	0,000	0,008	0,020	FALSE
0,004	0,320	0,000	0,006	0,000	FALSE
-0,062	0,307	-0,003	0,011	0,104	FALSE
0,104	0,280	0,006	0,012	0,219	FALSE
0,031	0,307	0,001	0,007	0,041	FALSE
-0,044	0,311	-0,001	0,009	0,039	FALSE
0,021	0,296	0,001	0,007	0,036	FALSE
-0,062	0,306	-0,001	0,007	0,051	FALSE
-0,099	0,303	-0,004	0,011	0,129	FALSE
-0,014	0,326	-0,001	0,007	0,055	FALSE

-0,104	0,303	-0,003	0,008	0,141	FALSE
-0,102	0,296	-0,004	0,009	0,156	FALSE
0,074	0,298	0,001	0,007	0,060	FALSE
0,013	0,304	-0,001	0,013	0,034	FALSE
-0,009	0,286	0,001	0,012	0,027	FALSE
-0,005	0,303	0,001	0,010	0,034	FALSE
0,096	0,310	0,003	0,009	0,124	FALSE
-0,015	0,303	0,000	0,008	0,004	FALSE
0,064	0,299	0,001	0,009	0,058	FALSE
0,062	0,317	0,001	0,009	0,051	FALSE
-0,083	0,308	-0,002	0,006	0,092	FALSE
-0,014	0,299	-0,001	0,012	0,039	FALSE
-0,013	0,311	-0,001	0,008	0,028	FALSE
0,165	0,294	0,006	0,009	0,272	FALSE
0,033	0,304	0,001	0,007	0,038	FALSE
0,001	0,319	0,000	0,011	0,002	FALSE
0,003	0,306	0,000	0,008	0,015	FALSE
0,107	0,315	0,002	0,008	0,115	FALSE
0,102	0,300	0,003	0,006	0,178	FALSE
0,068	0,294	0,002	0,010	0,079	FALSE
0,101	0,301	0,004	0,011	0,148	FALSE
0,060	0,308	0,002	0,013	0,072	FALSE
0,007	0,298	0,000	0,012	0,001	FALSE
-0,149	0,311	-0,003	0,008	0,186	FALSE
0,154	0,312	0,004	0,008	0,237	FALSE
0,082	0,299	0,004	0,013	0,112	FALSE
0,005	0,298	0,000	0,007	0,019	FALSE
0,034	0,313	0,001	0,013	0,040	FALSE
-0,060	0,316	-0,002	0,006	0,098	FALSE
-0,176	0,311	-0,004	0,008	0,239	FALSE
-0,018	0,308	-0,001	0,008	0,060	FALSE
0,052	0,297	0,002	0,008	0,106	FALSE
0,024	0,306	0,001	0,007	0,042	FALSE
0,017	0,309	0,000	0,007	0,008	FALSE
0,026	0,303	0,001	0,008	0,025	FALSE
-0,020	0,321	-0,001	0,012	0,023	FALSE
0,066	0,294	0,001	0,006	0,088	FALSE
0,060	0,313	0,003	0,012	0,088	FALSE
-0,008	0,318	-0,001	0,013	0,020	FALSE
-0,100	0,295	-0,002	0,008	0,118	FALSE
-0,050	0,307	-0,002	0,009	0,061	FALSE
-0,060	0,317	-0,002	0,010	0,062	FALSE
0,002	0,323	0,000	0,007	0,001	FALSE
-0,066	0,325	-0,003	0,012	0,094	FALSE
0,077	0,313	0,003	0,010	0,108	FALSE
0,224	0,290	0,006	0,008	0,362	FALSE
0,041	0,320	0,001	0,012	0,019	FALSE
0,051	0,301	0,001	0,007	0,067	FALSE
0,046	0,311	0,001	0,008	0,057	FALSE
0,225	0,279	0,010	0,012	0,409	FALSE
-0,093	0,304	-0,004	0,011	0,136	FALSE
-0,046	0,315	-0,001	0,007	0,048	FALSE
-0,063	0,309	-0,003	0,011	0,097	FALSE

0,069	0,298	0,002	0,013	0,047	FALSE
0,010	0,298	0,001	0,009	0,047	FALSE
-0,032	0,309	-0,001	0,007	0,042	FALSE
-0,008	0,305	-0,001	0,010	0,017	FALSE
-0,029	0,301	-0,002	0,009	0,067	FALSE
0,201	0,307	0,005	0,009	0,261	FALSE
-0,099	0,309	-0,003	0,009	0,141	FALSE
-0,042	0,314	-0,001	0,009	0,051	FALSE
0,009	0,315	0,000	0,007	0,013	FALSE
-0,067	0,301	-0,002	0,010	0,073	FALSE
-0,062	0,297	-0,002	0,010	0,073	FALSE
0,016	0,323	0,000	0,009	0,003	FALSE
-0,020	0,307	-0,001	0,008	0,041	FALSE
-0,042	0,304	-0,002	0,011	0,069	FALSE
-0,011	0,304	-0,001	0,013	0,027	FALSE
0,015	0,311	0,000	0,011	0,012	FALSE
0,022	0,314	0,001	0,011	0,045	FALSE
0,125	0,299	0,005	0,009	0,213	FALSE
-0,015	0,307	0,000	0,010	0,013	FALSE
0,005	0,305	0,000	0,007	0,014	FALSE
0,044	0,307	0,001	0,009	0,058	FALSE
0,002	0,298	0,000	0,006	0,026	FALSE
-0,064	0,324	-0,001	0,007	0,068	FALSE
-0,007	0,306	0,000	0,009	0,002	FALSE
-0,028	0,308	-0,001	0,008	0,028	FALSE
-0,017	0,303	0,000	0,007	0,011	FALSE
0,128	0,300	0,005	0,012	0,152	FALSE
-0,014	0,303	0,000	0,006	0,020	FALSE
0,080	0,291	0,003	0,009	0,139	FALSE
0,012	0,306	0,000	0,012	0,013	FALSE
0,021	0,311	0,001	0,011	0,035	FALSE
-0,072	0,296	-0,002	0,006	0,108	FALSE
0,088	0,306	0,003	0,011	0,100	FALSE
-0,023	0,314	-0,001	0,008	0,028	FALSE
0,053	0,302	0,001	0,007	0,038	FALSE
-0,029	0,304	-0,001	0,006	0,041	FALSE
0,082	0,304	0,002	0,007	0,112	FALSE
0,045	0,318	0,001	0,010	0,053	FALSE
0,008	0,297	0,000	0,010	0,018	FALSE
0,043	0,318	0,001	0,012	0,044	FALSE
-0,119	0,298	-0,003	0,011	0,118	FALSE
0,048	0,301	0,001	0,011	0,040	FALSE
-0,088	0,322	-0,003	0,010	0,130	FALSE
-0,056	0,312	-0,001	0,007	0,072	FALSE
0,024	0,317	0,001	0,012	0,042	FALSE
0,004	0,298	-0,001	0,012	0,021	FALSE
-0,129	0,297	-0,003	0,011	0,117	FALSE
-0,024	0,305	0,000	0,006	0,008	FALSE
0,041	0,306	0,003	0,013	0,092	FALSE
-0,138	0,300	-0,005	0,008	0,237	FALSE
-0,129	0,303	-0,005	0,009	0,227	FALSE
0,041	0,299	0,001	0,007	0,063	FALSE
0,032	0,307	0,001	0,006	0,055	FALSE

-0,126	0,298	-0,004	0,010	0,165	FALSE
-0,053	0,318	-0,002	0,012	0,053	FALSE
-0,096	0,306	-0,003	0,010	0,125	FALSE
0,195	0,313	0,008	0,013	0,265	FALSE
-0,032	0,321	-0,001	0,008	0,063	FALSE
-0,029	0,298	-0,002	0,013	0,046	FALSE
-0,025	0,310	-0,001	0,011	0,029	FALSE
0,038	0,308	0,001	0,006	0,057	FALSE
-0,114	0,309	-0,003	0,009	0,139	FALSE
0,005	0,303	0,000	0,006	0,002	FALSE
-0,056	0,316	-0,002	0,011	0,058	FALSE
-0,083	0,305	-0,002	0,008	0,125	FALSE
-0,080	0,313	-0,002	0,008	0,115	FALSE
-0,087	0,306	-0,003	0,008	0,139	FALSE
-0,123	0,310	-0,005	0,012	0,163	FALSE
0,132	0,293	0,006	0,011	0,219	FALSE
-0,043	0,312	-0,001	0,007	0,065	FALSE
-0,023	0,305	-0,001	0,007	0,039	FALSE
0,055	0,300	0,001	0,008	0,044	FALSE
0,053	0,301	0,001	0,007	0,038	FALSE
0,033	0,316	0,001	0,013	0,024	FALSE
0,025	0,316	0,000	0,009	0,015	FALSE
-0,096	0,303	-0,002	0,007	0,129	FALSE
-0,146	0,294	-0,004	0,007	0,197	FALSE
0,044	0,311	0,001	0,012	0,028	FALSE
0,062	0,310	0,002	0,007	0,097	FALSE
-0,050	0,298	-0,001	0,012	0,043	FALSE
0,040	0,313	0,001	0,009	0,020	FALSE
-0,025	0,305	-0,001	0,011	0,036	FALSE
-0,032	0,299	-0,001	0,009	0,035	FALSE
-0,022	0,311	-0,001	0,009	0,020	FALSE
0,056	0,309	0,002	0,009	0,071	FALSE
-0,018	0,311	0,000	0,010	0,016	FALSE
0,017	0,311	0,002	0,012	0,074	FALSE
0,024	0,302	0,000	0,007	0,004	FALSE
0,120	0,308	0,003	0,008	0,149	FALSE
0,014	0,300	0,001	0,013	0,017	FALSE
0,066	0,307	0,002	0,008	0,102	FALSE
-0,033	0,324	-0,002	0,013	0,059	FALSE
0,110	0,305	0,003	0,007	0,185	FALSE
-0,117	0,311	-0,004	0,008	0,186	FALSE
-0,031	0,312	-0,001	0,010	0,033	FALSE
-0,079	0,308	-0,001	0,006	0,090	FALSE
0,001	0,308	-0,001	0,010	0,034	FALSE
0,045	0,310	0,001	0,008	0,065	FALSE
0,035	0,300	0,001	0,009	0,028	FALSE
-0,024	0,320	-0,001	0,009	0,038	FALSE
-0,091	0,301	-0,004	0,011	0,151	FALSE
0,000	0,301	0,000	0,010	0,010	FALSE
-0,173	0,304	-0,005	0,009	0,240	FALSE
-0,134	0,293	-0,004	0,008	0,238	FALSE
0,028	0,313	0,000	0,009	0,008	FALSE
0,043	0,320	0,001	0,010	0,037	FALSE

0,021	0,283	0,002	0,009	0,069	FALSE
-0,128	0,312	-0,003	0,008	0,170	FALSE
0,099	0,309	0,003	0,008	0,156	FALSE
0,070	0,309	0,002	0,007	0,081	FALSE
-0,085	0,298	-0,003	0,009	0,143	FALSE
-0,052	0,307	-0,001	0,006	0,062	FALSE
0,029	0,302	0,000	0,007	0,021	FALSE
0,035	0,304	0,002	0,012	0,054	FALSE
-0,045	0,286	-0,001	0,010	0,043	FALSE
-0,120	0,300	-0,003	0,007	0,172	FALSE
0,034	0,295	0,000	0,011	0,016	FALSE
0,110	0,314	0,002	0,007	0,109	FALSE
0,162	0,296	0,004	0,007	0,215	FALSE
0,026	0,298	0,000	0,012	0,011	FALSE
-0,074	0,303	-0,002	0,010	0,083	FALSE
-0,140	0,282	-0,006	0,012	0,193	FALSE
-0,171	0,300	-0,006	0,010	0,249	FALSE
0,045	0,309	0,001	0,009	0,044	FALSE
0,050	0,303	0,002	0,011	0,086	FALSE
0,036	0,304	0,002	0,011	0,058	FALSE
-0,001	0,308	0,000	0,007	0,008	FALSE
-0,036	0,302	-0,001	0,009	0,047	FALSE
0,006	0,305	0,000	0,008	0,015	FALSE
0,101	0,292	0,002	0,007	0,143	FALSE
0,018	0,316	0,001	0,010	0,026	FALSE
0,009	0,299	0,001	0,011	0,021	FALSE
-0,116	0,303	-0,003	0,008	0,146	FALSE
-0,104	0,313	-0,002	0,009	0,110	FALSE
0,016	0,311	0,001	0,011	0,021	FALSE
-0,179	0,311	-0,004	0,006	0,264	FALSE
-0,004	0,308	0,000	0,006	0,014	FALSE
-0,036	0,311	-0,002	0,013	0,046	FALSE
0,026	0,306	0,001	0,010	0,026	FALSE
0,026	0,308	0,001	0,011	0,039	FALSE
-0,131	0,306	-0,004	0,009	0,168	FALSE
0,055	0,315	0,002	0,010	0,078	FALSE
0,041	0,310	0,000	0,010	0,005	FALSE
0,001	0,301	0,000	0,007	0,014	FALSE
0,083	0,294	0,005	0,013	0,149	FALSE
0,131	0,309	0,006	0,013	0,206	FALSE
0,081	0,300	0,002	0,009	0,095	FALSE
-0,097	0,307	-0,003	0,008	0,121	FALSE
-0,040	0,316	-0,002	0,008	0,078	FALSE
0,080	0,300	0,001	0,007	0,073	FALSE
-0,144	0,314	-0,005	0,009	0,222	FALSE
0,048	0,304	0,001	0,007	0,082	FALSE
0,066	0,304	0,001	0,007	0,083	FALSE
-0,011	0,300	-0,001	0,010	0,032	FALSE
-0,004	0,304	-0,001	0,010	0,024	FALSE
-0,050	0,306	-0,001	0,008	0,040	FALSE
0,072	0,313	0,002	0,013	0,047	FALSE
-0,128	0,314	-0,003	0,009	0,157	FALSE
-0,076	0,296	-0,002	0,010	0,080	FALSE

0,035	0,316	0,001	0,007	0,044	FALSE
-0,066	0,309	-0,002	0,006	0,100	FALSE
0,064	0,302	0,002	0,008	0,091	FALSE
0,043	0,310	0,001	0,008	0,050	FALSE
0,002	0,316	0,001	0,011	0,029	FALSE
0,097	0,295	0,002	0,007	0,117	FALSE
-0,111	0,304	-0,003	0,007	0,162	FALSE
-0,152	0,302	-0,006	0,012	0,198	FALSE
-0,128	0,307	-0,005	0,012	0,162	FALSE
-0,016	0,322	0,000	0,010	0,001	FALSE
-0,046	0,307	-0,002	0,009	0,075	FALSE
0,083	0,296	0,002	0,008	0,079	FALSE
-0,191	0,302	-0,007	0,010	0,300	FALSE
-0,002	0,317	0,001	0,010	0,025	FALSE
0,022	0,323	0,001	0,009	0,040	FALSE
-0,012	0,316	0,000	0,008	0,003	FALSE
-0,011	0,315	0,000	0,009	0,001	FALSE
0,015	0,316	0,001	0,007	0,036	FALSE
0,044	0,311	0,001	0,008	0,046	FALSE
0,005	0,303	0,000	0,008	0,000	FALSE
0,070	0,316	0,002	0,007	0,115	FALSE
0,098	0,308	0,003	0,007	0,183	FALSE
-0,054	0,294	-0,002	0,009	0,088	FALSE
0,006	0,313	0,000	0,007	0,006	FALSE
-0,062	0,304	-0,002	0,011	0,072	FALSE
-0,006	0,306	0,000	0,012	0,002	FALSE
-0,033	0,295	-0,001	0,009	0,048	FALSE
-0,113	0,295	-0,005	0,010	0,204	FALSE
0,011	0,319	0,000	0,008	0,015	FALSE
-0,050	0,310	-0,001	0,008	0,049	FALSE
0,006	0,302	0,000	0,009	0,006	FALSE
-0,067	0,297	-0,002	0,009	0,068	FALSE
0,040	0,317	0,001	0,013	0,024	FALSE
-0,084	0,303	-0,002	0,008	0,126	FALSE
0,168	0,297	0,005	0,009	0,234	FALSE
-0,017	0,299	0,000	0,009	0,007	FALSE
0,118	0,304	0,005	0,012	0,161	FALSE
0,140	0,315	0,003	0,007	0,200	FALSE
0,119	0,304	0,004	0,010	0,155	FALSE
0,053	0,298	0,001	0,011	0,036	FALSE
0,089	0,302	0,003	0,012	0,077	FALSE
0,060	0,304	0,002	0,008	0,091	FALSE
0,016	0,315	0,000	0,006	0,028	FALSE
0,086	0,326	0,002	0,007	0,118	FALSE
0,075	0,313	0,003	0,011	0,108	FALSE
-0,071	0,311	-0,002	0,007	0,083	FALSE
-0,003	0,300	-0,001	0,008	0,030	FALSE
0,029	0,294	0,000	0,007	0,012	FALSE
-0,094	0,288	-0,003	0,008	0,120	FALSE
-0,028	0,307	-0,002	0,012	0,057	FALSE
-0,144	0,306	-0,004	0,008	0,197	FALSE
-0,007	0,320	-0,001	0,008	0,043	FALSE
-0,026	0,316	0,000	0,006	0,000	FALSE

-0,046	0,302	-0,002	0,012	0,066	FALSE
-0,137	0,299	-0,004	0,008	0,199	FALSE
0,006	0,303	0,001	0,009	0,040	FALSE
0,150	0,309	0,005	0,012	0,171	FALSE
0,046	0,299	0,001	0,008	0,067	FALSE
0,067	0,301	0,001	0,006	0,081	FALSE
-0,107	0,299	-0,004	0,012	0,143	FALSE
0,013	0,307	0,000	0,009	0,016	FALSE
-0,124	0,310	-0,005	0,013	0,158	FALSE
-0,115	0,316	-0,005	0,013	0,144	FALSE
-0,067	0,316	-0,003	0,012	0,106	FALSE
-0,067	0,320	-0,001	0,007	0,074	FALSE
-0,141	0,300	-0,005	0,011	0,202	FALSE
0,058	0,296	0,002	0,008	0,115	FALSE
0,027	0,303	0,001	0,007	0,055	FALSE
-0,044	0,308	-0,002	0,012	0,074	FALSE
-0,052	0,295	-0,001	0,008	0,066	FALSE
-0,054	0,299	-0,001	0,008	0,066	FALSE
0,024	0,322	0,001	0,012	0,028	FALSE
0,030	0,304	0,001	0,011	0,028	FALSE
0,031	0,298	0,001	0,008	0,069	FALSE
0,021	0,301	0,001	0,008	0,025	FALSE
-0,016	0,320	-0,001	0,008	0,031	FALSE
-0,013	0,301	0,001	0,011	0,023	FALSE
0,052	0,312	0,001	0,007	0,027	FALSE
0,060	0,310	0,002	0,008	0,094	FALSE
-0,054	0,308	-0,002	0,008	0,081	FALSE
-0,059	0,309	-0,002	0,008	0,097	FALSE
-0,023	0,318	0,000	0,007	0,020	FALSE
-0,008	0,306	0,000	0,012	0,005	FALSE
-0,119	0,297	-0,003	0,007	0,179	FALSE
0,039	0,310	0,001	0,009	0,046	FALSE
-0,166	0,297	-0,003	0,006	0,221	FALSE
0,026	0,295	0,000	0,009	0,010	FALSE
0,047	0,324	0,002	0,011	0,057	FALSE
0,096	0,283	0,002	0,007	0,147	FALSE
0,034	0,309	0,001	0,012	0,027	FALSE
0,130	0,312	0,004	0,009	0,174	FALSE
-0,020	0,325	0,000	0,007	0,011	FALSE
0,113	0,301	0,003	0,009	0,145	FALSE
-0,034	0,312	-0,001	0,009	0,045	FALSE
0,082	0,296	0,003	0,011	0,108	FALSE
0,058	0,300	0,003	0,009	0,114	FALSE
0,099	0,299	0,002	0,009	0,081	FALSE
0,085	0,305	0,003	0,012	0,095	FALSE
-0,146	0,305	-0,003	0,007	0,179	FALSE
0,080	0,313	0,002	0,006	0,117	FALSE
0,040	0,311	0,001	0,006	0,069	FALSE
0,046	0,305	0,002	0,010	0,073	FALSE
0,023	0,315	0,000	0,008	0,019	FALSE
-0,017	0,310	0,000	0,007	0,009	FALSE
-0,019	0,310	0,000	0,007	0,021	FALSE
-0,005	0,319	0,000	0,007	0,011	FALSE

0,069	0,312	0,002	0,009	0,084	FALSE
-0,023	0,307	-0,002	0,012	0,049	FALSE
0,107	0,315	0,003	0,010	0,132	FALSE
0,007	0,321	-0,001	0,011	0,024	FALSE
0,064	0,302	0,003	0,009	0,120	FALSE
-0,005	0,319	0,000	0,011	0,014	FALSE
-0,037	0,310	0,000	0,006	0,021	FALSE
-0,073	0,308	-0,001	0,007	0,058	FALSE
-0,085	0,297	-0,002	0,008	0,086	FALSE
-0,142	0,318	-0,005	0,012	0,158	FALSE
-0,007	0,302	0,000	0,009	0,005	FALSE
-0,056	0,301	-0,003	0,012	0,090	FALSE
-0,003	0,305	0,000	0,011	0,007	FALSE
-0,132	0,296	-0,005	0,012	0,189	FALSE
-0,024	0,319	-0,001	0,008	0,033	FALSE
0,060	0,292	0,002	0,009	0,097	FALSE
0,100	0,293	0,002	0,008	0,125	FALSE
-0,016	0,309	0,000	0,011	0,013	FALSE
-0,120	0,300	-0,004	0,012	0,148	FALSE
-0,092	0,300	-0,002	0,008	0,125	FALSE
-0,057	0,309	-0,001	0,007	0,066	FALSE
-0,059	0,309	-0,001	0,007	0,058	FALSE
-0,108	0,311	-0,003	0,010	0,107	FALSE
0,112	0,307	0,003	0,009	0,108	FALSE
-0,042	0,321	-0,001	0,007	0,041	FALSE
-0,025	0,304	-0,001	0,007	0,036	FALSE
-0,183	0,301	-0,006	0,010	0,247	TRUE
0,147	0,288	0,005	0,011	0,167	FALSE
0,098	0,314	0,004	0,011	0,143	FALSE
-0,047	0,303	-0,002	0,012	0,061	FALSE
-0,049	0,307	-0,002	0,011	0,065	FALSE
-0,023	0,298	-0,001	0,009	0,031	FALSE
-0,092	0,312	-0,003	0,012	0,095	FALSE
-0,011	0,317	0,000	0,012	0,001	FALSE
-0,010	0,305	0,000	0,012	0,010	FALSE
0,075	0,304	0,002	0,006	0,118	FALSE
0,135	0,296	0,004	0,010	0,161	FALSE
-0,023	0,312	-0,001	0,009	0,026	FALSE
-0,044	0,301	-0,001	0,012	0,015	FALSE
0,054	0,300	0,001	0,007	0,056	FALSE
-0,056	0,308	-0,001	0,012	0,021	FALSE
-0,056	0,310	-0,001	0,006	0,073	FALSE
-0,107	0,308	-0,002	0,007	0,134	FALSE
-0,140	0,301	-0,005	0,011	0,183	FALSE
0,092	0,306	0,004	0,011	0,141	FALSE
0,029	0,304	0,000	0,006	0,013	FALSE
-0,088	0,293	-0,002	0,006	0,115	FALSE
-0,134	0,310	-0,003	0,007	0,182	FALSE
-0,090	0,312	-0,002	0,009	0,103	FALSE
-0,060	0,309	-0,003	0,011	0,105	FALSE
-0,080	0,317	-0,003	0,010	0,104	FALSE
0,194	0,301	0,005	0,008	0,312	FALSE
0,161	0,314	0,005	0,008	0,239	FALSE

-0,153	0,312	-0,005	0,009	0,235	FALSE
0,048	0,318	0,002	0,011	0,065	FALSE
-0,044	0,317	-0,002	0,009	0,066	FALSE
-0,002	0,304	0,000	0,011	0,003	FALSE
-0,038	0,289	-0,002	0,009	0,102	FALSE
-0,015	0,317	0,000	0,011	0,000	FALSE
0,029	0,310	0,002	0,013	0,051	FALSE
-0,044	0,308	-0,002	0,012	0,057	FALSE
-0,016	0,308	0,000	0,013	0,014	FALSE
-0,047	0,295	-0,002	0,012	0,067	FALSE
-0,002	0,309	0,000	0,012	0,000	FALSE
-0,108	0,309	-0,003	0,007	0,152	FALSE
-0,100	0,298	-0,003	0,007	0,142	FALSE
0,057	0,305	0,003	0,011	0,103	FALSE
-0,062	0,302	-0,003	0,009	0,123	FALSE
-0,073	0,314	-0,003	0,009	0,118	FALSE
0,000	0,301	0,001	0,012	0,031	FALSE
-0,001	0,303	0,001	0,012	0,036	FALSE
-0,085	0,302	-0,002	0,007	0,121	FALSE
0,074	0,313	0,004	0,013	0,114	FALSE
-0,089	0,297	-0,002	0,007	0,137	FALSE
-0,012	0,299	0,000	0,009	0,001	FALSE
-0,026	0,307	0,000	0,010	0,004	FALSE
-0,048	0,307	-0,002	0,012	0,061	FALSE
0,066	0,305	0,002	0,007	0,078	FALSE
0,030	0,308	0,001	0,007	0,036	FALSE
-0,075	0,306	-0,003	0,010	0,110	FALSE
-0,113	0,306	-0,002	0,006	0,121	FALSE
0,041	0,305	0,000	0,007	0,026	FALSE
-0,071	0,289	-0,003	0,012	0,087	FALSE
-0,061	0,310	-0,002	0,008	0,074	FALSE
0,119	0,306	0,005	0,012	0,157	FALSE
0,051	0,302	0,002	0,011	0,066	FALSE
-0,172	0,301	-0,004	0,007	0,221	FALSE
0,095	0,298	0,003	0,009	0,146	FALSE
0,009	0,314	0,001	0,012	0,014	FALSE
0,025	0,318	0,001	0,013	0,035	FALSE
0,010	0,318	0,000	0,012	0,004	FALSE
-0,125	0,310	-0,004	0,009	0,166	FALSE
0,080	0,305	0,003	0,009	0,119	FALSE
-0,028	0,306	-0,001	0,009	0,035	FALSE
-0,041	0,313	-0,001	0,008	0,064	FALSE
0,026	0,318	0,001	0,012	0,019	FALSE
0,137	0,316	0,004	0,009	0,183	FALSE
-0,029	0,299	0,000	0,008	0,010	FALSE
0,004	0,309	0,000	0,006	0,001	FALSE
-0,020	0,310	-0,001	0,013	0,028	FALSE
-0,015	0,306	0,000	0,007	0,001	FALSE
0,021	0,311	0,001	0,007	0,037	FALSE
0,053	0,290	0,002	0,011	0,073	FALSE
-0,109	0,303	-0,004	0,010	0,147	FALSE
-0,066	0,308	-0,003	0,011	0,094	FALSE
0,029	0,306	0,000	0,009	0,014	FALSE

0,134	0,314	0,006	0,012	0,195	FALSE
-0,010	0,315	0,000	0,011	0,010	FALSE
0,078	0,304	0,002	0,011	0,067	FALSE
-0,005	0,305	0,000	0,009	0,004	FALSE
0,065	0,312	0,001	0,007	0,081	FALSE
0,108	0,308	0,003	0,010	0,118	FALSE
-0,072	0,307	-0,002	0,012	0,048	FALSE
0,001	0,314	0,000	0,007	0,010	FALSE
0,003	0,309	0,000	0,010	0,007	FALSE
0,000	0,319	0,000	0,011	0,001	FALSE
-0,001	0,309	0,000	0,011	0,010	FALSE
-0,036	0,306	0,000	0,008	0,021	FALSE
-0,131	0,285	-0,005	0,011	0,167	FALSE
-0,126	0,308	-0,004	0,010	0,182	FALSE
0,045	0,318	0,001	0,008	0,060	FALSE
-0,157	0,309	-0,005	0,011	0,209	FALSE
0,026	0,313	0,001	0,009	0,037	FALSE
0,032	0,303	0,001	0,012	0,018	FALSE
0,054	0,297	0,002	0,008	0,084	FALSE
0,068	0,318	0,001	0,008	0,059	FALSE
-0,099	0,308	-0,005	0,011	0,173	FALSE
0,025	0,308	0,001	0,010	0,023	FALSE
0,091	0,313	0,003	0,010	0,135	FALSE
0,049	0,302	0,000	0,006	0,018	FALSE
0,041	0,299	0,001	0,007	0,041	FALSE
0,041	0,303	0,002	0,011	0,062	FALSE
-0,020	0,318	0,000	0,011	0,012	FALSE
0,093	0,304	0,002	0,008	0,089	FALSE
0,016	0,283	0,001	0,010	0,023	FALSE
-0,078	0,310	-0,002	0,008	0,091	FALSE
-0,046	0,313	-0,001	0,007	0,075	FALSE
0,148	0,308	0,004	0,008	0,235	FALSE
0,055	0,314	0,002	0,008	0,097	FALSE
0,055	0,306	0,001	0,010	0,040	FALSE
0,059	0,291	0,003	0,011	0,107	FALSE
-0,038	0,305	-0,001	0,008	0,046	FALSE
0,055	0,314	0,003	0,011	0,088	FALSE
0,037	0,308	0,002	0,012	0,067	FALSE
-0,097	0,310	-0,003	0,012	0,087	FALSE
-0,079	0,309	-0,003	0,013	0,075	FALSE
0,138	0,304	0,005	0,011	0,200	FALSE
0,096	0,305	0,003	0,013	0,094	FALSE
-0,060	0,305	-0,001	0,006	0,084	FALSE
-0,109	0,307	-0,004	0,012	0,149	FALSE
0,049	0,316	0,001	0,007	0,041	FALSE
-0,063	0,311	-0,001	0,006	0,049	FALSE
0,016	0,296	0,000	0,008	0,002	FALSE
-0,022	0,296	0,000	0,007	0,004	FALSE
0,101	0,312	0,003	0,011	0,120	FALSE
0,047	0,309	0,002	0,011	0,053	FALSE
0,068	0,302	0,003	0,010	0,127	FALSE
0,019	0,315	0,000	0,007	0,024	FALSE
-0,074	0,302	-0,002	0,007	0,105	FALSE

0,024	0,321	0,001	0,011	0,029	FALSE
-0,020	0,302	-0,001	0,008	0,025	FALSE
-0,062	0,318	-0,002	0,007	0,096	FALSE
0,084	0,317	0,002	0,012	0,073	FALSE
-0,196	0,306	-0,008	0,013	0,284	FALSE
0,022	0,299	0,000	0,007	0,021	FALSE
-0,044	0,309	-0,002	0,012	0,047	FALSE
0,043	0,308	0,002	0,012	0,061	FALSE
0,071	0,304	0,002	0,008	0,089	FALSE
-0,061	0,313	-0,001	0,009	0,054	FALSE
-0,103	0,312	-0,003	0,011	0,099	FALSE
-0,107	0,302	-0,003	0,010	0,110	FALSE
-0,074	0,316	-0,002	0,010	0,066	FALSE
-0,110	0,304	-0,003	0,011	0,114	FALSE
-0,080	0,311	-0,002	0,011	0,061	FALSE
-0,092	0,305	-0,003	0,010	0,098	FALSE
-0,017	0,303	-0,001	0,011	0,035	FALSE
-0,072	0,308	-0,003	0,011	0,112	FALSE
-0,054	0,303	-0,002	0,008	0,115	FALSE
0,049	0,310	0,002	0,011	0,071	FALSE
0,064	0,308	0,002	0,008	0,093	FALSE
-0,104	0,318	-0,003	0,008	0,150	FALSE
0,097	0,317	0,003	0,012	0,105	FALSE
0,089	0,311	0,002	0,006	0,146	FALSE
0,120	0,306	0,004	0,007	0,212	FALSE
-0,119	0,302	-0,005	0,010	0,208	FALSE
0,036	0,309	0,001	0,007	0,034	FALSE
-0,100	0,298	-0,004	0,009	0,175	FALSE
0,033	0,293	0,001	0,008	0,041	FALSE
-0,036	0,306	-0,001	0,006	0,058	FALSE
0,040	0,301	0,000	0,008	0,009	FALSE
-0,068	0,304	-0,002	0,011	0,077	FALSE
-0,095	0,303	-0,005	0,013	0,142	FALSE
-0,081	0,317	-0,002	0,010	0,092	FALSE
-0,129	0,302	-0,003	0,008	0,159	FALSE
-0,113	0,300	-0,005	0,013	0,150	FALSE
0,104	0,299	0,002	0,007	0,108	FALSE
-0,062	0,316	-0,003	0,012	0,096	FALSE
-0,158	0,311	-0,004	0,007	0,219	FALSE
0,140	0,299	0,006	0,012	0,203	FALSE
-0,113	0,310	-0,003	0,009	0,150	FALSE
0,011	0,298	0,001	0,009	0,032	FALSE
-0,040	0,287	-0,001	0,008	0,043	FALSE
-0,122	0,313	-0,003	0,007	0,161	FALSE
-0,005	0,320	0,000	0,012	0,002	FALSE
0,018	0,290	0,001	0,009	0,048	FALSE
-0,147	0,320	-0,006	0,012	0,195	FALSE
0,018	0,309	0,001	0,012	0,016	FALSE
-0,027	0,315	0,000	0,007	0,020	FALSE
0,058	0,316	0,002	0,013	0,069	FALSE
0,004	0,306	0,000	0,006	0,008	FALSE
0,044	0,312	0,002	0,011	0,063	FALSE
0,009	0,307	0,000	0,011	0,007	FALSE

-0,102	0,309	-0,002	0,007	0,143	FALSE
-0,026	0,315	-0,001	0,011	0,030	FALSE
0,001	0,307	0,000	0,010	0,005	FALSE
-0,054	0,310	-0,002	0,010	0,058	FALSE
-0,021	0,325	0,000	0,007	0,010	FALSE
0,134	0,316	0,003	0,008	0,173	FALSE
0,013	0,312	0,001	0,012	0,015	FALSE
0,025	0,311	0,002	0,012	0,051	FALSE
0,155	0,293	0,003	0,007	0,184	FALSE
-0,030	0,319	0,000	0,007	0,000	FALSE
-0,121	0,307	-0,004	0,010	0,177	FALSE
0,125	0,304	0,003	0,006	0,169	FALSE
0,191	0,296	0,008	0,011	0,325	FALSE
0,060	0,290	0,002	0,007	0,084	FALSE
-0,136	0,309	-0,006	0,012	0,196	FALSE
-0,023	0,304	0,000	0,007	0,007	FALSE
0,027	0,320	0,001	0,012	0,041	FALSE
0,080	0,312	0,002	0,008	0,085	FALSE
-0,091	0,307	-0,003	0,009	0,121	FALSE
0,030	0,289	0,001	0,010	0,052	FALSE
0,013	0,300	0,001	0,012	0,021	FALSE
0,094	0,292	0,002	0,007	0,144	FALSE
-0,037	0,302	-0,001	0,007	0,026	FALSE
-0,054	0,305	-0,002	0,008	0,072	FALSE
0,107	0,311	0,003	0,008	0,161	FALSE
0,189	0,305	0,007	0,011	0,290	FALSE
-0,073	0,300	-0,002	0,009	0,065	FALSE
0,141	0,308	0,003	0,008	0,164	FALSE
0,125	0,300	0,003	0,008	0,135	FALSE
-0,003	0,316	-0,001	0,007	0,036	FALSE
-0,035	0,322	-0,001	0,013	0,041	FALSE
0,103	0,306	0,004	0,011	0,141	FALSE
-0,097	0,319	-0,002	0,008	0,102	FALSE
-0,085	0,310	-0,002	0,006	0,090	FALSE
-0,034	0,313	-0,001	0,009	0,034	FALSE
-0,094	0,300	-0,003	0,008	0,155	FALSE
-0,026	0,313	-0,001	0,012	0,036	FALSE
-0,107	0,308	-0,003	0,008	0,134	FALSE
-0,186	0,290	-0,009	0,012	0,338	FALSE
-0,007	0,303	0,001	0,012	0,028	FALSE
0,017	0,310	0,001	0,012	0,028	FALSE
-0,038	0,303	-0,001	0,008	0,052	FALSE
-0,075	0,305	-0,002	0,007	0,098	FALSE
-0,087	0,318	-0,003	0,010	0,128	FALSE
-0,096	0,294	-0,004	0,011	0,157	FALSE
0,035	0,308	0,001	0,010	0,051	FALSE
0,031	0,301	0,001	0,006	0,058	FALSE
-0,028	0,300	0,000	0,012	0,001	FALSE
-0,042	0,309	-0,001	0,011	0,028	FALSE
-0,033	0,306	-0,001	0,011	0,023	FALSE
-0,089	0,313	-0,004	0,011	0,153	FALSE
-0,023	0,307	-0,001	0,011	0,030	FALSE
0,135	0,299	0,003	0,007	0,187	FALSE

-0,008	0,305	0,000	0,006	0,015	FALSE
-0,014	0,295	0,000	0,010	0,011	FALSE
0,034	0,308	0,001	0,011	0,035	FALSE
-0,178	0,291	-0,008	0,012	0,277	FALSE
-0,131	0,302	-0,003	0,008	0,162	FALSE
0,183	0,297	0,007	0,011	0,251	FALSE
-0,092	0,312	-0,002	0,007	0,111	FALSE
-0,021	0,314	0,000	0,009	0,018	FALSE
0,019	0,306	0,001	0,007	0,027	FALSE
0,110	0,305	0,005	0,012	0,164	FALSE
0,064	0,292	0,002	0,008	0,101	FALSE
0,085	0,306	0,003	0,011	0,112	FALSE
-0,074	0,325	-0,001	0,007	0,058	FALSE
0,019	0,305	0,000	0,008	0,001	FALSE
-0,063	0,303	-0,002	0,011	0,063	FALSE
-0,122	0,313	-0,003	0,007	0,170	FALSE
-0,054	0,303	-0,001	0,007	0,082	FALSE
0,092	0,298	0,004	0,012	0,139	FALSE
0,077	0,302	0,002	0,006	0,102	FALSE
-0,035	0,289	-0,002	0,010	0,076	FALSE
-0,173	0,310	-0,003	0,006	0,218	FALSE
-0,050	0,306	-0,001	0,007	0,052	FALSE
-0,002	0,319	0,000	0,008	0,018	FALSE
-0,114	0,308	-0,002	0,007	0,135	FALSE
-0,119	0,290	-0,002	0,006	0,151	FALSE
0,021	0,302	0,001	0,010	0,021	FALSE
-0,203	0,311	-0,007	0,011	0,295	FALSE
-0,113	0,304	-0,003	0,006	0,183	FALSE
-0,022	0,326	0,000	0,008	0,011	FALSE
-0,122	0,298	-0,003	0,006	0,176	FALSE
0,023	0,308	0,000	0,012	0,011	FALSE
0,078	0,305	0,003	0,011	0,130	FALSE
-0,038	0,302	-0,002	0,009	0,069	FALSE
0,177	0,302	0,006	0,011	0,232	FALSE
-0,030	0,293	-0,001	0,010	0,047	FALSE
0,093	0,319	0,003	0,013	0,093	FALSE
0,045	0,306	0,001	0,008	0,051	FALSE
-0,120	0,296	-0,003	0,007	0,161	FALSE
0,001	0,307	0,000	0,006	0,013	FALSE
0,056	0,305	0,002	0,011	0,070	FALSE
0,022	0,304	0,000	0,008	0,012	FALSE
-0,071	0,297	-0,003	0,011	0,094	FALSE
-0,144	0,306	-0,003	0,008	0,171	FALSE
-0,066	0,305	-0,001	0,006	0,066	FALSE
-0,002	0,312	0,001	0,011	0,021	FALSE
-0,022	0,313	-0,001	0,012	0,043	FALSE
0,008	0,307	0,001	0,008	0,026	FALSE
0,067	0,300	0,002	0,010	0,083	FALSE
-0,007	0,307	0,000	0,010	0,013	FALSE
0,011	0,317	0,001	0,007	0,034	FALSE
-0,050	0,286	-0,002	0,010	0,075	FALSE
0,137	0,304	0,003	0,006	0,229	FALSE
-0,071	0,303	-0,003	0,012	0,100	FALSE

-0,012	0,306	0,000	0,009	0,010	FALSE
-0,075	0,300	-0,003	0,012	0,114	FALSE
0,036	0,307	0,001	0,009	0,051	FALSE
0,112	0,316	0,003	0,006	0,175	FALSE
-0,055	0,298	-0,002	0,010	0,081	FALSE
-0,004	0,324	0,000	0,013	0,012	FALSE
-0,092	0,310	-0,003	0,010	0,109	FALSE
-0,014	0,321	0,000	0,010	0,006	FALSE
-0,048	0,296	-0,001	0,009	0,048	FALSE
-0,041	0,302	-0,001	0,007	0,034	FALSE
-0,095	0,302	-0,002	0,008	0,110	FALSE
-0,013	0,312	0,000	0,011	0,015	FALSE
-0,143	0,304	-0,004	0,009	0,183	FALSE
-0,102	0,306	-0,003	0,009	0,128	FALSE
0,047	0,319	0,002	0,009	0,063	FALSE
0,101	0,303	0,003	0,009	0,150	FALSE
-0,043	0,320	-0,001	0,010	0,049	FALSE
0,009	0,288	0,001	0,010	0,017	FALSE
-0,015	0,303	0,000	0,009	0,013	FALSE
0,142	0,299	0,005	0,012	0,170	FALSE
-0,160	0,309	-0,006	0,011	0,221	FALSE
0,068	0,312	0,001	0,007	0,080	FALSE
0,011	0,317	0,000	0,012	0,010	FALSE
0,082	0,299	0,002	0,006	0,146	FALSE
-0,047	0,309	-0,002	0,012	0,046	FALSE
0,064	0,301	0,001	0,012	0,041	FALSE
0,069	0,318	0,003	0,013	0,082	FALSE
-0,005	0,292	0,000	0,008	0,002	FALSE
-0,009	0,304	0,000	0,007	0,012	FALSE
-0,005	0,307	0,000	0,010	0,005	FALSE
0,051	0,304	0,002	0,010	0,069	FALSE
0,080	0,310	0,002	0,006	0,096	FALSE
0,003	0,331	-0,001	0,012	0,018	FALSE
0,023	0,311	0,001	0,010	0,041	FALSE
-0,024	0,306	0,000	0,010	0,007	FALSE
0,053	0,310	0,001	0,006	0,050	FALSE
-0,041	0,298	-0,001	0,011	0,043	FALSE
0,146	0,298	0,005	0,010	0,198	FALSE
0,069	0,313	0,003	0,012	0,092	FALSE
-0,078	0,309	-0,002	0,012	0,075	FALSE
0,007	0,327	0,000	0,010	0,001	FALSE
0,027	0,320	0,001	0,007	0,028	FALSE
0,044	0,309	0,002	0,009	0,065	FALSE
-0,070	0,302	-0,002	0,010	0,074	FALSE
0,062	0,307	0,002	0,012	0,065	FALSE
0,105	0,299	0,004	0,011	0,146	FALSE
-0,217	0,293	-0,007	0,009	0,332	FALSE
0,075	0,314	0,003	0,011	0,107	FALSE
-0,072	0,308	-0,002	0,009	0,107	FALSE
-0,043	0,321	-0,001	0,009	0,050	FALSE
-0,014	0,317	-0,001	0,011	0,040	FALSE
0,200	0,305	0,009	0,013	0,316	FALSE
-0,005	0,300	0,000	0,007	0,024	FALSE

-0,012	0,300	0,000	0,008	0,010	FALSE
0,069	0,304	0,001	0,007	0,037	FALSE
0,091	0,313	0,002	0,007	0,122	FALSE
-0,058	0,302	-0,001	0,012	0,041	FALSE
0,104	0,303	0,002	0,006	0,145	FALSE
-0,164	0,304	-0,005	0,009	0,258	FALSE
0,128	0,306	0,002	0,006	0,155	FALSE
0,045	0,317	0,001	0,010	0,046	FALSE
0,003	0,304	0,000	0,007	0,021	FALSE
0,084	0,314	0,002	0,008	0,101	FALSE
-0,084	0,314	-0,003	0,013	0,105	FALSE
-0,066	0,311	-0,001	0,008	0,044	FALSE
0,089	0,308	0,002	0,010	0,081	FALSE
0,013	0,301	0,001	0,007	0,048	FALSE
0,129	0,292	0,003	0,007	0,167	FALSE
-0,057	0,305	-0,003	0,012	0,102	FALSE
0,114	0,295	0,005	0,012	0,154	FALSE
-0,026	0,297	-0,001	0,009	0,051	FALSE
-0,053	0,301	-0,002	0,009	0,094	FALSE
-0,015	0,317	0,000	0,011	0,006	FALSE
-0,109	0,316	-0,003	0,008	0,134	FALSE
0,005	0,311	0,000	0,010	0,007	FALSE
0,059	0,306	0,001	0,006	0,077	FALSE
0,066	0,295	0,002	0,009	0,103	FALSE
-0,130	0,306	-0,004	0,008	0,197	FALSE
-0,125	0,311	-0,005	0,012	0,164	FALSE
0,022	0,310	0,000	0,008	0,014	FALSE
-0,085	0,292	-0,002	0,007	0,121	FALSE
-0,148	0,299	-0,003	0,008	0,157	FALSE
0,095	0,312	0,002	0,007	0,110	FALSE
-0,122	0,308	-0,003	0,008	0,175	FALSE
-0,107	0,309	-0,003	0,008	0,139	FALSE
-0,181	0,311	-0,005	0,008	0,273	FALSE
0,031	0,306	0,001	0,011	0,020	FALSE
0,007	0,297	0,000	0,008	0,007	FALSE
-0,137	0,308	-0,003	0,007	0,189	FALSE
0,050	0,304	0,002	0,012	0,067	FALSE
-0,007	0,294	0,000	0,008	0,004	FALSE
0,044	0,315	0,001	0,009	0,045	FALSE
0,200	0,281	0,009	0,012	0,336	FALSE
0,067	0,296	0,002	0,011	0,074	FALSE
0,016	0,296	0,000	0,007	0,015	FALSE
-0,009	0,299	-0,001	0,011	0,045	FALSE
0,058	0,299	0,002	0,008	0,072	FALSE
-0,028	0,306	0,000	0,007	0,026	FALSE
0,075	0,306	0,001	0,007	0,076	FALSE
-0,063	0,317	-0,003	0,012	0,097	FALSE
0,109	0,305	0,004	0,009	0,167	FALSE
0,013	0,303	0,000	0,008	0,006	FALSE
0,084	0,311	0,003	0,012	0,095	FALSE
0,116	0,312	0,004	0,012	0,142	FALSE
0,055	0,318	0,003	0,013	0,086	FALSE
0,022	0,301	0,001	0,009	0,037	FALSE

0,170	0,296	0,005	0,008	0,283	FALSE
0,178	0,300	0,007	0,012	0,276	FALSE
0,072	0,287	0,002	0,011	0,073	FALSE
-0,058	0,303	-0,002	0,009	0,093	FALSE
0,007	0,316	0,000	0,008	0,016	FALSE
-0,093	0,297	-0,001	0,009	0,052	FALSE
-0,077	0,306	-0,002	0,009	0,106	FALSE
-0,108	0,302	-0,003	0,009	0,117	FALSE
0,035	0,316	0,001	0,007	0,040	FALSE
0,085	0,308	0,003	0,009	0,105	FALSE
-0,046	0,316	-0,002	0,011	0,062	FALSE
0,206	0,297	0,005	0,008	0,297	FALSE
-0,075	0,302	-0,002	0,009	0,087	FALSE
-0,036	0,312	-0,001	0,010	0,019	FALSE
-0,001	0,287	0,000	0,008	0,021	FALSE
-0,100	0,310	-0,003	0,010	0,110	FALSE
0,240	0,301	0,009	0,012	0,347	FALSE
-0,186	0,291	-0,007	0,010	0,298	FALSE
0,193	0,312	0,007	0,011	0,264	FALSE
0,186	0,298	0,006	0,010	0,259	FALSE
0,003	0,325	0,000	0,007	0,001	FALSE
0,016	0,313	0,000	0,010	0,001	FALSE
0,053	0,288	0,001	0,010	0,054	FALSE
0,008	0,289	0,001	0,009	0,031	FALSE
0,092	0,304	0,003	0,007	0,156	FALSE
-0,031	0,307	-0,001	0,006	0,035	FALSE
-0,051	0,314	-0,003	0,011	0,102	FALSE
0,049	0,301	0,001	0,011	0,048	FALSE
-0,048	0,284	-0,003	0,012	0,098	FALSE
0,000	0,298	0,000	0,007	0,018	FALSE
0,074	0,307	0,003	0,009	0,134	FALSE
-0,044	0,321	-0,001	0,010	0,046	FALSE
-0,065	0,312	-0,003	0,012	0,090	FALSE
0,182	0,308	0,005	0,008	0,263	FALSE
0,171	0,295	0,006	0,010	0,275	FALSE
-0,059	0,309	-0,003	0,011	0,099	FALSE
-0,069	0,307	-0,001	0,006	0,060	FALSE
0,061	0,296	0,002	0,011	0,080	FALSE
0,023	0,323	0,001	0,009	0,041	FALSE
-0,082	0,308	-0,002	0,008	0,113	FALSE
-0,150	0,305	-0,006	0,012	0,208	FALSE
0,093	0,314	0,003	0,007	0,143	FALSE
0,067	0,333	0,002	0,008	0,092	FALSE
-0,051	0,308	-0,002	0,010	0,083	FALSE
-0,019	0,315	0,000	0,007	0,003	FALSE
0,008	0,307	0,000	0,006	0,022	FALSE
-0,100	0,305	-0,005	0,012	0,150	FALSE
0,058	0,311	0,002	0,011	0,051	FALSE
0,013	0,315	0,001	0,010	0,027	FALSE
-0,087	0,312	-0,002	0,007	0,104	FALSE
0,025	0,312	0,000	0,007	0,018	FALSE
0,052	0,299	0,002	0,007	0,081	FALSE
0,132	0,303	0,005	0,012	0,182	FALSE

-0,005	0,308	0,000	0,010	0,005	FALSE
-0,185	0,295	-0,003	0,007	0,208	FALSE
0,035	0,295	0,000	0,008	0,010	FALSE
-0,016	0,304	0,000	0,010	0,008	FALSE
-0,004	0,297	-0,001	0,007	0,041	FALSE
-0,030	0,297	-0,002	0,012	0,072	FALSE
0,060	0,291	0,002	0,010	0,094	FALSE
-0,103	0,308	-0,002	0,007	0,122	FALSE
-0,086	0,307	-0,002	0,007	0,083	FALSE
0,027	0,312	0,002	0,012	0,062	FALSE
0,080	0,310	0,004	0,012	0,131	FALSE
-0,041	0,304	-0,002	0,010	0,068	FALSE
-0,069	0,313	-0,002	0,008	0,079	FALSE
-0,002	0,312	0,000	0,012	0,004	FALSE
0,033	0,295	0,001	0,012	0,046	FALSE
-0,003	0,299	-0,001	0,011	0,042	FALSE
0,052	0,317	0,001	0,007	0,068	FALSE
0,023	0,312	0,001	0,007	0,049	FALSE
0,051	0,310	0,001	0,006	0,067	FALSE
0,156	0,305	0,006	0,010	0,236	FALSE
0,103	0,311	0,005	0,012	0,144	FALSE
-0,001	0,328	-0,001	0,010	0,021	FALSE
0,101	0,310	0,002	0,007	0,115	FALSE
-0,001	0,305	0,000	0,006	0,016	FALSE
-0,057	0,324	-0,002	0,013	0,062	FALSE
0,005	0,302	0,000	0,012	0,011	FALSE
-0,048	0,308	-0,001	0,006	0,035	FALSE
-0,077	0,316	-0,001	0,006	0,072	FALSE
0,084	0,323	0,002	0,007	0,123	FALSE
-0,039	0,287	-0,002	0,012	0,048	FALSE
0,119	0,309	0,004	0,010	0,148	FALSE
-0,001	0,320	0,000	0,011	0,008	FALSE
0,045	0,313	0,002	0,012	0,072	FALSE
0,057	0,313	0,001	0,007	0,074	FALSE
-0,058	0,309	-0,001	0,008	0,057	FALSE
0,110	0,308	0,003	0,007	0,168	FALSE
0,002	0,308	0,000	0,008	0,003	FALSE
0,028	0,298	0,001	0,008	0,031	FALSE
0,005	0,327	0,000	0,007	0,017	FALSE
0,044	0,309	0,002	0,009	0,076	FALSE
0,163	0,294	0,006	0,011	0,244	FALSE
0,081	0,311	0,002	0,007	0,116	FALSE
0,004	0,315	0,001	0,007	0,050	FALSE
-0,051	0,309	-0,001	0,012	0,041	FALSE
-0,005	0,296	0,001	0,012	0,018	FALSE
-0,010	0,309	0,000	0,009	0,001	FALSE
0,121	0,314	0,003	0,009	0,160	FALSE
-0,127	0,316	-0,003	0,007	0,157	FALSE
-0,007	0,302	0,000	0,007	0,005	FALSE
0,061	0,322	0,002	0,008	0,093	FALSE
0,011	0,305	0,000	0,006	0,024	FALSE
0,038	0,307	0,002	0,009	0,066	FALSE
0,007	0,317	0,000	0,011	0,005	FALSE

0,111	0,303	0,003	0,009	0,116	FALSE
0,116	0,313	0,003	0,008	0,151	FALSE
0,140	0,289	0,004	0,009	0,187	FALSE
-0,004	0,313	0,000	0,011	0,001	FALSE
-0,026	0,312	-0,001	0,013	0,020	FALSE
-0,096	0,313	-0,003	0,012	0,106	FALSE
-0,139	0,307	-0,005	0,011	0,165	FALSE
0,063	0,306	0,001	0,008	0,049	FALSE
0,124	0,303	0,003	0,008	0,161	FALSE
-0,030	0,307	-0,001	0,012	0,027	FALSE
-0,124	0,299	-0,003	0,008	0,139	FALSE
-0,119	0,296	-0,003	0,008	0,139	FALSE
0,016	0,308	0,001	0,011	0,048	FALSE
-0,064	0,307	-0,002	0,007	0,089	FALSE
-0,006	0,296	0,000	0,007	0,019	FALSE
-0,046	0,312	-0,001	0,008	0,057	FALSE
0,007	0,313	0,000	0,006	0,020	FALSE
0,104	0,303	0,002	0,006	0,119	FALSE
0,047	0,302	0,001	0,008	0,028	FALSE
0,061	0,281	0,001	0,006	0,072	FALSE
0,026	0,308	0,001	0,012	0,041	FALSE
-0,001	0,312	0,000	0,008	0,013	FALSE
0,167	0,295	0,007	0,010	0,281	FALSE
0,140	0,299	0,002	0,006	0,148	FALSE
-0,072	0,309	-0,001	0,008	0,073	FALSE
0,082	0,309	0,002	0,007	0,086	FALSE
0,060	0,296	0,002	0,009	0,072	FALSE
-0,041	0,307	-0,001	0,007	0,049	FALSE
-0,052	0,298	-0,001	0,007	0,075	FALSE
0,015	0,316	0,000	0,012	0,007	FALSE
-0,081	0,312	-0,002	0,008	0,095	FALSE
0,050	0,290	0,002	0,011	0,051	FALSE
0,193	0,284	0,008	0,011	0,310	FALSE
0,071	0,306	0,002	0,007	0,090	FALSE
-0,022	0,308	0,000	0,010	0,012	FALSE
-0,013	0,315	0,000	0,010	0,005	FALSE
0,108	0,311	0,002	0,008	0,116	FALSE
-0,021	0,297	-0,001	0,011	0,028	FALSE
0,185	0,297	0,005	0,009	0,254	FALSE
-0,050	0,317	-0,001	0,007	0,048	FALSE
0,017	0,290	0,000	0,010	0,013	FALSE
-0,044	0,308	-0,001	0,009	0,058	FALSE
0,029	0,320	0,000	0,007	0,020	FALSE
-0,015	0,308	-0,001	0,013	0,024	FALSE
-0,028	0,307	-0,001	0,009	0,056	FALSE
-0,157	0,298	-0,005	0,009	0,215	FALSE
-0,080	0,300	-0,002	0,011	0,087	FALSE
0,043	0,331	0,001	0,008	0,042	FALSE
-0,028	0,307	-0,001	0,008	0,027	FALSE
0,006	0,302	0,000	0,012	0,007	FALSE
0,002	0,298	-0,001	0,010	0,036	FALSE
-0,111	0,309	-0,004	0,010	0,164	FALSE
0,074	0,313	0,001	0,007	0,075	FALSE

-0,146	0,307	-0,004	0,008	0,210	FALSE
-0,004	0,303	0,000	0,006	0,008	FALSE
-0,024	0,305	0,000	0,006	0,018	FALSE
-0,051	0,303	-0,001	0,008	0,038	FALSE
0,051	0,306	0,000	0,007	0,023	FALSE
0,027	0,300	0,001	0,010	0,051	FALSE
0,028	0,319	0,000	0,009	0,009	FALSE
-0,082	0,299	-0,002	0,007	0,084	FALSE
-0,100	0,307	-0,004	0,012	0,148	FALSE
-0,107	0,303	-0,002	0,007	0,110	FALSE
-0,019	0,302	0,000	0,008	0,007	FALSE
-0,210	0,293	-0,006	0,007	0,348	FALSE
-0,011	0,303	0,000	0,010	0,009	FALSE
0,032	0,300	0,001	0,007	0,037	FALSE
0,101	0,304	0,004	0,012	0,129	FALSE
-0,119	0,296	-0,004	0,013	0,135	FALSE
-0,031	0,304	0,000	0,007	0,013	FALSE
-0,063	0,308	-0,001	0,006	0,087	FALSE
-0,060	0,304	-0,001	0,007	0,067	FALSE
0,000	0,307	0,000	0,007	0,008	FALSE
0,023	0,299	0,000	0,007	0,022	FALSE
0,220	0,286	0,005	0,006	0,411	FALSE
0,210	0,291	0,005	0,006	0,373	FALSE
0,112	0,312	0,003	0,009	0,119	FALSE
0,004	0,293	0,000	0,007	0,003	FALSE
-0,056	0,299	-0,003	0,012	0,089	FALSE
0,092	0,299	0,005	0,011	0,170	FALSE
-0,001	0,300	-0,001	0,010	0,031	FALSE
0,010	0,306	0,001	0,008	0,027	FALSE
-0,017	0,304	0,000	0,006	0,005	FALSE
-0,016	0,304	0,000	0,007	0,002	FALSE
0,004	0,296	0,000	0,007	0,006	FALSE
-0,039	0,317	-0,001	0,012	0,020	FALSE
-0,033	0,293	-0,001	0,012	0,040	FALSE
-0,053	0,290	-0,002	0,011	0,062	FALSE
0,047	0,313	0,001	0,008	0,066	FALSE
-0,074	0,320	-0,002	0,008	0,080	FALSE
0,052	0,304	0,002	0,007	0,103	FALSE
-0,066	0,309	-0,001	0,007	0,075	FALSE
0,162	0,305	0,005	0,008	0,250	FALSE
-0,040	0,319	-0,001	0,007	0,035	FALSE
0,046	0,318	0,002	0,012	0,055	FALSE
-0,168	0,315	-0,004	0,008	0,241	FALSE
-0,069	0,319	-0,003	0,010	0,106	FALSE
-0,006	0,311	-0,001	0,008	0,032	FALSE
-0,069	0,305	-0,003	0,012	0,104	FALSE
-0,153	0,307	-0,004	0,007	0,242	FALSE
-0,021	0,311	0,000	0,008	0,016	FALSE
0,025	0,295	0,001	0,007	0,038	FALSE
-0,047	0,317	-0,001	0,008	0,058	FALSE
0,111	0,308	0,002	0,007	0,136	FALSE
0,062	0,294	0,002	0,009	0,081	FALSE
0,060	0,316	0,002	0,010	0,088	FALSE

-0,070	0,313	-0,003	0,010	0,097	FALSE
-0,054	0,306	-0,001	0,007	0,031	FALSE
0,173	0,308	0,003	0,007	0,216	FALSE
0,118	0,301	0,003	0,006	0,186	FALSE
-0,004	0,307	0,000	0,012	0,007	FALSE
0,029	0,306	0,001	0,010	0,043	FALSE
0,018	0,292	0,000	0,008	0,011	FALSE
-0,095	0,304	-0,004	0,010	0,148	FALSE
-0,160	0,309	-0,004	0,007	0,214	FALSE
-0,043	0,313	-0,001	0,011	0,033	FALSE
-0,045	0,310	-0,001	0,009	0,048	FALSE
0,137	0,309	0,005	0,012	0,179	FALSE
0,030	0,311	0,002	0,013	0,057	FALSE
0,004	0,309	0,000	0,012	0,003	FALSE
0,163	0,291	0,004	0,007	0,216	FALSE
0,136	0,307	0,003	0,008	0,177	FALSE
-0,006	0,318	0,000	0,008	0,013	FALSE
0,158	0,294	0,006	0,009	0,305	FALSE
0,016	0,289	0,000	0,006	0,004	FALSE
0,161	0,287	0,004	0,007	0,287	FALSE
0,083	0,295	0,002	0,009	0,101	FALSE
0,025	0,311	0,000	0,006	0,002	FALSE
0,052	0,308	0,002	0,012	0,057	FALSE
0,173	0,297	0,005	0,009	0,223	FALSE
0,063	0,321	0,002	0,012	0,071	FALSE
0,106	0,299	0,003	0,008	0,168	FALSE
0,027	0,313	0,001	0,011	0,051	FALSE
0,107	0,311	0,005	0,012	0,163	FALSE
-0,074	0,309	-0,002	0,007	0,089	FALSE
-0,194	0,303	-0,004	0,006	0,275	FALSE
0,028	0,323	0,001	0,007	0,059	FALSE
0,071	0,307	0,002	0,008	0,107	FALSE
0,063	0,304	0,005	0,013	0,145	FALSE
0,186	0,285	0,008	0,012	0,293	FALSE
-0,040	0,313	-0,002	0,011	0,053	FALSE
0,041	0,310	0,001	0,007	0,058	FALSE
0,081	0,300	0,003	0,011	0,097	FALSE
0,093	0,293	0,005	0,011	0,185	FALSE
-0,141	0,298	-0,004	0,009	0,175	FALSE
0,061	0,305	0,001	0,006	0,064	FALSE
-0,077	0,313	-0,002	0,008	0,108	FALSE
-0,116	0,295	-0,004	0,008	0,192	FALSE
-0,090	0,315	-0,004	0,013	0,107	FALSE
0,021	0,297	0,001	0,011	0,027	FALSE
0,029	0,319	0,001	0,013	0,020	FALSE
0,042	0,303	0,001	0,010	0,031	FALSE
-0,114	0,304	-0,002	0,006	0,143	FALSE
0,221	0,289	0,008	0,010	0,358	FALSE
0,017	0,316	0,001	0,010	0,019	FALSE
0,033	0,304	0,001	0,007	0,073	FALSE
0,145	0,304	0,004	0,009	0,195	FALSE
-0,095	0,311	-0,003	0,008	0,128	FALSE
0,066	0,315	0,002	0,010	0,086	FALSE

-0,169	0,296	-0,007	0,012	0,230	FALSE
-0,004	0,308	0,000	0,011	0,008	FALSE
0,040	0,306	0,001	0,006	0,064	FALSE
-0,200	0,295	-0,005	0,009	0,270	FALSE
0,108	0,304	0,002	0,006	0,131	FALSE
0,120	0,309	0,005	0,012	0,179	FALSE
0,190	0,307	0,005	0,008	0,240	FALSE
0,238	0,294	0,006	0,008	0,361	FALSE
0,150	0,305	0,004	0,007	0,212	FALSE
0,102	0,308	0,003	0,010	0,105	FALSE
0,044	0,305	0,001	0,007	0,061	FALSE
0,003	0,309	0,000	0,007	0,009	FALSE
-0,045	0,302	-0,001	0,008	0,045	FALSE
-0,024	0,300	0,000	0,008	0,013	FALSE
-0,095	0,303	-0,002	0,007	0,128	FALSE
-0,055	0,309	-0,002	0,008	0,079	FALSE
0,013	0,303	0,000	0,007	0,017	FALSE
0,031	0,313	0,001	0,007	0,050	FALSE
0,110	0,301	0,004	0,010	0,155	FALSE
-0,089	0,318	-0,003	0,010	0,105	FALSE
0,086	0,309	0,002	0,007	0,108	FALSE
0,114	0,293	0,004	0,011	0,141	FALSE
-0,041	0,308	-0,001	0,008	0,061	FALSE
-0,125	0,291	-0,004	0,009	0,193	FALSE
0,027	0,301	0,001	0,012	0,031	FALSE
-0,075	0,316	-0,002	0,010	0,081	FALSE
-0,123	0,302	-0,003	0,008	0,136	FALSE
-0,067	0,297	-0,001	0,008	0,059	FALSE
0,017	0,312	0,001	0,009	0,024	FALSE
-0,008	0,315	0,000	0,006	0,022	FALSE
0,032	0,307	0,001	0,009	0,022	FALSE
0,137	0,303	0,006	0,013	0,182	FALSE
0,075	0,300	0,002	0,007	0,101	FALSE
0,070	0,303	0,002	0,006	0,110	FALSE
-0,039	0,296	-0,001	0,009	0,059	FALSE
0,081	0,309	0,002	0,012	0,062	FALSE
0,065	0,312	0,003	0,012	0,088	FALSE
0,027	0,315	0,000	0,007	0,025	FALSE
0,028	0,313	0,000	0,008	0,022	FALSE
0,043	0,323	0,001	0,008	0,043	FALSE
-0,032	0,315	-0,001	0,012	0,032	FALSE
-0,106	0,296	-0,003	0,009	0,155	FALSE
-0,089	0,289	-0,003	0,009	0,108	FALSE
-0,027	0,306	-0,001	0,008	0,024	FALSE
0,219	0,297	0,006	0,008	0,335	FALSE
-0,099	0,306	-0,003	0,007	0,156	FALSE
0,003	0,323	0,000	0,007	0,004	FALSE
0,082	0,303	0,002	0,007	0,111	FALSE
0,030	0,297	0,001	0,007	0,048	FALSE
0,102	0,316	0,002	0,010	0,080	FALSE
0,087	0,307	0,003	0,009	0,115	FALSE
-0,037	0,304	-0,001	0,007	0,040	FALSE
-0,052	0,320	-0,003	0,012	0,092	FALSE

0,032	0,313	0,000	0,010	0,002	FALSE
0,062	0,300	0,002	0,008	0,107	FALSE
-0,041	0,316	-0,001	0,009	0,040	FALSE
0,058	0,310	0,001	0,007	0,050	FALSE
0,029	0,308	0,000	0,008	0,018	FALSE
-0,029	0,307	-0,001	0,008	0,065	FALSE
0,008	0,304	0,000	0,009	0,003	FALSE
-0,013	0,314	-0,001	0,007	0,033	FALSE
-0,079	0,296	-0,002	0,010	0,082	FALSE
0,016	0,311	-0,001	0,012	0,015	FALSE
-0,075	0,289	-0,002	0,006	0,128	FALSE
-0,032	0,312	0,000	0,010	0,017	FALSE
0,080	0,310	0,004	0,012	0,121	FALSE
-0,119	0,295	-0,004	0,009	0,179	FALSE
0,053	0,310	0,001	0,008	0,057	FALSE
0,069	0,316	0,002	0,013	0,059	FALSE
-0,075	0,298	-0,002	0,008	0,084	FALSE
-0,062	0,312	-0,002	0,008	0,089	FALSE
-0,063	0,302	-0,001	0,007	0,065	FALSE
-0,068	0,295	-0,002	0,010	0,063	FALSE
-0,043	0,290	-0,001	0,010	0,021	FALSE
-0,050	0,315	-0,001	0,013	0,031	FALSE
0,100	0,303	0,003	0,011	0,105	FALSE
-0,108	0,305	-0,003	0,007	0,167	FALSE
-0,094	0,295	-0,003	0,007	0,146	FALSE
-0,045	0,302	-0,001	0,012	0,040	FALSE
0,028	0,321	0,001	0,007	0,046	FALSE
0,083	0,302	0,001	0,007	0,061	FALSE
0,016	0,324	0,000	0,008	0,007	FALSE
-0,002	0,304	-0,001	0,009	0,025	FALSE
0,077	0,302	0,004	0,011	0,146	FALSE
0,073	0,305	0,004	0,012	0,128	FALSE
-0,041	0,299	-0,001	0,010	0,052	FALSE
-0,014	0,311	0,000	0,010	0,008	FALSE
0,004	0,323	0,000	0,013	0,001	FALSE
-0,109	0,316	-0,003	0,008	0,147	FALSE
0,041	0,316	0,002	0,013	0,041	FALSE
0,050	0,302	0,003	0,011	0,101	FALSE
0,001	0,297	0,001	0,011	0,023	FALSE
0,094	0,300	0,004	0,012	0,124	FALSE
-0,019	0,306	0,000	0,007	0,023	FALSE
-0,074	0,299	-0,003	0,009	0,109	FALSE
-0,066	0,303	-0,001	0,006	0,084	FALSE
-0,120	0,309	-0,002	0,006	0,143	FALSE
-0,084	0,302	-0,004	0,013	0,107	FALSE
0,111	0,319	0,004	0,011	0,150	FALSE
-0,063	0,303	-0,001	0,007	0,041	FALSE
-0,005	0,304	0,000	0,010	0,009	FALSE
-0,052	0,296	-0,001	0,012	0,034	FALSE
-0,064	0,302	-0,001	0,007	0,056	FALSE
-0,005	0,309	-0,001	0,007	0,028	FALSE
-0,009	0,310	-0,001	0,012	0,041	FALSE
0,117	0,295	0,004	0,010	0,142	FALSE

0,100	0,301	0,002	0,007	0,127	FALSE
-0,138	0,301	-0,004	0,010	0,167	FALSE
-0,056	0,307	-0,003	0,012	0,077	FALSE
0,082	0,295	0,003	0,012	0,103	FALSE
-0,135	0,290	-0,004	0,009	0,183	FALSE
0,005	0,308	0,000	0,008	0,018	FALSE
-0,087	0,306	-0,002	0,011	0,088	FALSE
-0,052	0,291	-0,001	0,006	0,063	FALSE
0,027	0,319	0,001	0,011	0,042	FALSE
0,004	0,308	0,001	0,008	0,038	FALSE
0,130	0,292	0,004	0,010	0,161	FALSE
-0,011	0,310	0,001	0,010	0,017	FALSE
0,026	0,319	0,001	0,012	0,037	FALSE
-0,123	0,304	-0,003	0,008	0,173	FALSE
0,025	0,309	0,000	0,008	0,021	FALSE
0,022	0,311	0,001	0,007	0,040	FALSE
-0,173	0,292	-0,003	0,006	0,215	FALSE
0,021	0,307	0,000	0,007	0,017	FALSE
0,023	0,300	0,001	0,010	0,031	FALSE
0,113	0,296	0,003	0,007	0,146	FALSE
0,042	0,300	0,001	0,007	0,061	FALSE
-0,055	0,299	-0,001	0,008	0,029	FALSE
-0,070	0,320	-0,001	0,008	0,064	FALSE
0,010	0,306	0,000	0,009	0,019	FALSE
-0,093	0,307	-0,002	0,009	0,110	FALSE
0,000	0,318	0,001	0,011	0,017	FALSE
0,085	0,317	0,004	0,012	0,130	FALSE
0,074	0,310	0,002	0,012	0,066	FALSE
0,057	0,313	0,002	0,012	0,045	FALSE
0,068	0,314	0,002	0,007	0,092	FALSE
0,113	0,301	0,004	0,009	0,161	FALSE
0,053	0,310	0,002	0,009	0,063	FALSE
0,002	0,299	-0,001	0,010	0,020	FALSE
-0,044	0,304	-0,002	0,010	0,068	FALSE
-0,041	0,303	-0,002	0,010	0,073	FALSE
-0,041	0,299	-0,002	0,010	0,069	FALSE
0,054	0,292	0,002	0,010	0,078	FALSE
-0,042	0,317	-0,001	0,006	0,056	FALSE
0,093	0,314	0,002	0,008	0,124	FALSE
-0,007	0,297	0,000	0,012	0,004	FALSE
-0,025	0,317	-0,001	0,007	0,038	FALSE
-0,143	0,283	-0,006	0,012	0,204	FALSE
0,019	0,317	0,000	0,012	0,013	FALSE
-0,167	0,304	-0,007	0,013	0,220	FALSE
-0,058	0,312	-0,001	0,008	0,046	FALSE
-0,018	0,296	0,001	0,012	0,020	FALSE
-0,016	0,298	0,000	0,008	0,001	FALSE
0,038	0,311	0,001	0,008	0,064	FALSE
0,008	0,297	0,000	0,006	0,029	FALSE
0,158	0,293	0,005	0,012	0,182	FALSE
-0,054	0,316	-0,001	0,008	0,042	FALSE
0,086	0,294	0,002	0,007	0,115	FALSE
0,003	0,317	0,001	0,010	0,037	FALSE

-0,001	0,310	0,001	0,010	0,033	FALSE
0,004	0,317	0,001	0,011	0,028	FALSE
-0,033	0,307	-0,001	0,009	0,034	FALSE
0,039	0,313	0,001	0,007	0,052	FALSE
0,019	0,308	0,000	0,011	0,009	FALSE
-0,060	0,301	-0,001	0,009	0,040	FALSE
-0,022	0,304	0,000	0,012	0,001	FALSE
-0,092	0,302	-0,002	0,006	0,127	FALSE
0,001	0,315	0,000	0,007	0,003	FALSE
-0,061	0,302	-0,002	0,010	0,074	FALSE
-0,078	0,309	-0,003	0,010	0,093	FALSE
-0,061	0,310	-0,002	0,008	0,095	FALSE
0,073	0,299	0,001	0,007	0,055	FALSE
-0,077	0,312	-0,003	0,011	0,108	FALSE
0,061	0,327	0,002	0,010	0,078	FALSE
0,019	0,306	0,000	0,011	0,001	FALSE
-0,038	0,304	-0,001	0,010	0,054	FALSE
0,030	0,306	0,000	0,007	0,008	FALSE
-0,032	0,322	-0,002	0,013	0,045	FALSE
0,071	0,318	0,003	0,013	0,095	FALSE
-0,010	0,307	0,000	0,011	0,008	FALSE
0,115	0,303	0,003	0,006	0,169	FALSE
-0,056	0,315	-0,001	0,008	0,068	FALSE
-0,092	0,304	-0,004	0,010	0,139	FALSE
0,093	0,303	0,003	0,007	0,174	FALSE
-0,034	0,296	-0,001	0,007	0,048	FALSE
-0,029	0,314	-0,001	0,009	0,042	FALSE
-0,039	0,310	-0,001	0,008	0,024	FALSE
-0,041	0,305	-0,001	0,007	0,027	FALSE
0,038	0,293	0,001	0,008	0,034	FALSE
0,018	0,299	0,001	0,010	0,032	FALSE
0,069	0,316	0,002	0,008	0,089	FALSE
0,159	0,309	0,007	0,012	0,244	FALSE
-0,073	0,317	-0,003	0,012	0,089	FALSE
0,057	0,304	0,002	0,009	0,070	FALSE
0,017	0,298	0,000	0,008	0,015	FALSE
0,024	0,308	0,002	0,009	0,065	FALSE
0,131	0,320	0,002	0,006	0,168	FALSE
0,007	0,301	0,001	0,011	0,030	FALSE
-0,013	0,294	-0,001	0,007	0,049	FALSE
0,106	0,316	0,003	0,012	0,095	FALSE
-0,107	0,310	-0,004	0,012	0,143	FALSE
0,067	0,300	0,003	0,010	0,129	FALSE
0,006	0,316	0,000	0,010	0,009	FALSE
-0,006	0,318	-0,001	0,011	0,021	FALSE
-0,075	0,313	-0,003	0,009	0,129	FALSE
0,023	0,311	0,001	0,008	0,027	FALSE
-0,121	0,288	-0,003	0,008	0,153	FALSE
0,060	0,293	0,002	0,009	0,069	FALSE
0,000	0,290	-0,001	0,009	0,020	FALSE
-0,066	0,302	-0,002	0,007	0,109	FALSE
-0,045	0,307	-0,001	0,009	0,040	FALSE
0,146	0,309	0,005	0,011	0,183	FALSE

-0,074	0,301	-0,001	0,009	0,053	FALSE
0,029	0,304	0,001	0,010	0,046	FALSE
0,050	0,311	0,001	0,007	0,057	FALSE
-0,091	0,312	-0,003	0,010	0,100	FALSE
-0,127	0,304	-0,003	0,007	0,168	FALSE
0,055	0,306	0,001	0,009	0,040	FALSE
-0,050	0,303	-0,001	0,006	0,069	FALSE
0,079	0,326	0,002	0,009	0,104	FALSE
0,008	0,311	0,000	0,009	0,014	FALSE
-0,033	0,312	-0,001	0,006	0,038	FALSE
0,011	0,292	0,000	0,008	0,004	FALSE
-0,002	0,297	0,000	0,010	0,006	FALSE
0,041	0,275	0,002	0,011	0,060	FALSE
-0,073	0,286	-0,004	0,011	0,134	FALSE
0,131	0,312	0,005	0,010	0,200	FALSE
0,132	0,318	0,007	0,013	0,212	FALSE
-0,097	0,305	-0,005	0,012	0,158	FALSE
0,120	0,299	0,004	0,010	0,168	FALSE
0,070	0,292	0,003	0,010	0,098	FALSE
0,048	0,299	0,001	0,007	0,067	FALSE
0,006	0,307	0,000	0,006	0,006	FALSE
-0,005	0,302	0,001	0,010	0,025	FALSE
-0,021	0,296	0,000	0,009	0,006	FALSE
-0,089	0,305	-0,003	0,009	0,150	FALSE
0,193	0,304	0,006	0,012	0,235	FALSE
-0,081	0,282	-0,002	0,008	0,119	FALSE
0,064	0,301	0,003	0,011	0,089	FALSE
0,017	0,295	0,000	0,010	0,015	FALSE
-0,160	0,304	-0,006	0,012	0,210	FALSE
0,009	0,300	0,000	0,012	0,007	FALSE
0,127	0,296	0,004	0,007	0,230	FALSE
0,111	0,305	0,004	0,008	0,190	FALSE
-0,016	0,311	0,000	0,012	0,002	FALSE
0,024	0,324	0,001	0,008	0,024	FALSE
-0,072	0,306	-0,003	0,010	0,101	FALSE
-0,079	0,307	-0,003	0,010	0,096	FALSE
0,011	0,305	0,001	0,008	0,035	FALSE
0,052	0,308	0,003	0,012	0,094	FALSE
-0,104	0,290	-0,002	0,007	0,131	FALSE
0,113	0,308	0,002	0,007	0,125	FALSE
-0,026	0,297	-0,001	0,008	0,030	FALSE
-0,122	0,315	-0,006	0,012	0,207	FALSE
-0,037	0,301	-0,001	0,010	0,035	FALSE
-0,033	0,305	-0,002	0,012	0,049	FALSE
0,027	0,302	0,000	0,011	0,015	FALSE
-0,029	0,304	0,000	0,009	0,015	FALSE
0,076	0,303	0,002	0,008	0,115	FALSE
0,148	0,312	0,003	0,008	0,177	FALSE
-0,034	0,319	-0,001	0,007	0,078	FALSE
0,095	0,303	0,002	0,006	0,145	FALSE
0,042	0,301	0,001	0,007	0,037	FALSE
-0,011	0,315	-0,001	0,008	0,024	FALSE
-0,010	0,319	0,000	0,009	0,017	FALSE

-0,016	0,313	-0,001	0,009	0,026	FALSE
-0,014	0,296	0,000	0,006	0,002	FALSE
-0,015	0,316	-0,001	0,012	0,023	FALSE
0,025	0,310	0,001	0,012	0,026	FALSE
0,102	0,311	0,003	0,011	0,118	FALSE
-0,083	0,298	-0,003	0,009	0,111	FALSE
0,014	0,310	0,001	0,013	0,043	FALSE
-0,030	0,306	-0,001	0,011	0,045	FALSE
-0,157	0,314	-0,003	0,006	0,212	FALSE
0,067	0,315	0,000	0,007	0,022	FALSE
0,006	0,313	-0,001	0,009	0,027	FALSE
0,013	0,310	0,000	0,010	0,009	FALSE
-0,009	0,312	0,000	0,012	0,001	FALSE
-0,023	0,291	-0,001	0,009	0,024	FALSE
0,015	0,318	0,000	0,010	0,003	FALSE
0,028	0,310	0,001	0,008	0,033	FALSE
-0,002	0,294	0,000	0,010	0,003	FALSE
0,038	0,307	0,002	0,013	0,069	FALSE
0,069	0,302	0,004	0,011	0,134	FALSE
0,059	0,308	0,003	0,013	0,097	FALSE
-0,066	0,305	-0,003	0,013	0,092	FALSE
0,092	0,305	0,002	0,006	0,092	FALSE
-0,051	0,309	-0,002	0,013	0,070	FALSE
-0,144	0,306	-0,004	0,009	0,188	FALSE
-0,004	0,286	0,000	0,011	0,016	FALSE
0,015	0,289	0,000	0,012	0,005	FALSE
-0,043	0,310	-0,001	0,010	0,048	FALSE
-0,006	0,313	-0,001	0,011	0,044	FALSE
0,106	0,300	0,004	0,009	0,165	FALSE
-0,114	0,306	-0,004	0,009	0,166	FALSE
0,146	0,300	0,005	0,010	0,202	FALSE
0,065	0,321	0,002	0,011	0,074	FALSE
-0,105	0,305	-0,002	0,006	0,142	FALSE
-0,090	0,311	-0,002	0,006	0,119	FALSE
-0,044	0,304	-0,001	0,007	0,071	FALSE
0,043	0,298	0,000	0,012	0,014	FALSE
0,016	0,310	0,000	0,008	0,005	FALSE
-0,029	0,294	-0,001	0,012	0,037	FALSE
0,053	0,322	0,001	0,008	0,066	FALSE
0,095	0,303	0,003	0,011	0,098	FALSE
-0,079	0,314	-0,002	0,011	0,080	FALSE
0,092	0,310	0,003	0,011	0,123	FALSE
0,105	0,307	0,005	0,013	0,155	FALSE
0,045	0,312	0,002	0,012	0,052	FALSE
-0,093	0,293	-0,003	0,012	0,099	FALSE
-0,050	0,302	-0,003	0,012	0,087	FALSE
-0,039	0,301	-0,001	0,012	0,030	FALSE
-0,048	0,297	-0,002	0,009	0,075	FALSE
-0,041	0,320	-0,002	0,008	0,072	FALSE
0,065	0,304	0,003	0,009	0,112	FALSE
0,019	0,320	0,001	0,007	0,050	FALSE
0,208	0,302	0,009	0,013	0,340	TRUE
-0,053	0,309	-0,002	0,006	0,094	FALSE

-0,029	0,305	-0,002	0,011	0,055	FALSE
0,157	0,304	0,006	0,011	0,218	FALSE
0,115	0,309	0,002	0,009	0,108	FALSE
-0,042	0,318	-0,001	0,007	0,062	FALSE
0,023	0,313	0,000	0,008	0,022	FALSE
0,010	0,308	0,001	0,007	0,030	FALSE
-0,078	0,307	-0,002	0,011	0,063	FALSE
0,093	0,312	0,004	0,012	0,120	FALSE
0,085	0,310	0,003	0,013	0,107	FALSE
0,065	0,291	0,002	0,010	0,077	FALSE
0,037	0,320	0,000	0,007	0,008	FALSE
-0,126	0,296	-0,004	0,010	0,160	FALSE
0,045	0,291	0,002	0,012	0,060	FALSE
-0,051	0,294	-0,001	0,008	0,068	FALSE
0,079	0,311	0,002	0,008	0,098	FALSE
-0,055	0,321	-0,002	0,013	0,070	FALSE
-0,012	0,323	0,000	0,008	0,010	FALSE
-0,022	0,307	0,000	0,006	0,011	FALSE
-0,016	0,306	0,000	0,006	0,001	FALSE
-0,090	0,296	-0,002	0,006	0,104	FALSE
-0,048	0,305	-0,001	0,011	0,046	FALSE
-0,054	0,292	-0,002	0,008	0,108	FALSE
-0,040	0,302	-0,001	0,010	0,052	FALSE
0,122	0,309	0,003	0,008	0,186	FALSE
-0,082	0,302	-0,003	0,008	0,124	FALSE
0,006	0,318	0,000	0,012	0,010	FALSE
-0,068	0,317	-0,003	0,013	0,088	FALSE
-0,018	0,319	-0,001	0,009	0,041	FALSE
0,035	0,320	0,002	0,013	0,044	FALSE
0,050	0,311	0,000	0,007	0,013	FALSE
0,042	0,307	0,001	0,007	0,059	FALSE
0,174	0,289	0,004	0,007	0,277	FALSE
-0,151	0,309	-0,004	0,007	0,234	FALSE
-0,026	0,308	-0,002	0,012	0,068	FALSE
0,054	0,310	0,003	0,011	0,094	FALSE
-0,099	0,307	-0,003	0,010	0,135	FALSE
0,025	0,319	0,000	0,008	0,016	FALSE
-0,020	0,324	-0,001	0,013	0,014	FALSE
-0,184	0,297	-0,005	0,008	0,262	FALSE
-0,019	0,283	0,000	0,008	0,002	FALSE
-0,114	0,288	-0,003	0,006	0,166	FALSE
-0,029	0,311	-0,001	0,012	0,045	FALSE
0,080	0,302	0,004	0,012	0,122	FALSE
0,009	0,298	0,001	0,010	0,038	FALSE
-0,143	0,310	-0,004	0,009	0,171	FALSE
0,139	0,304	0,003	0,008	0,175	FALSE
-0,032	0,310	-0,002	0,008	0,068	FALSE
-0,125	0,302	-0,004	0,012	0,141	FALSE
0,023	0,290	0,000	0,007	0,018	FALSE
-0,088	0,311	-0,001	0,007	0,080	FALSE
0,058	0,318	0,002	0,008	0,096	FALSE
0,035	0,313	0,001	0,007	0,046	FALSE
0,188	0,296	0,006	0,010	0,246	FALSE

0,184	0,303	0,006	0,011	0,228	FALSE
0,093	0,310	0,003	0,011	0,099	FALSE
0,010	0,302	0,000	0,008	0,002	FALSE
-0,043	0,308	-0,001	0,009	0,063	FALSE
0,009	0,302	0,001	0,013	0,020	FALSE
0,030	0,296	0,001	0,008	0,045	FALSE
-0,074	0,318	-0,004	0,013	0,114	FALSE
0,014	0,311	0,000	0,009	0,008	FALSE
-0,106	0,315	-0,003	0,008	0,137	FALSE
0,033	0,311	0,000	0,008	0,004	FALSE
0,050	0,316	0,001	0,008	0,028	FALSE
0,007	0,318	0,000	0,009	0,000	FALSE
0,032	0,312	0,002	0,012	0,048	FALSE
-0,059	0,309	-0,002	0,012	0,060	FALSE
0,054	0,315	0,002	0,011	0,075	FALSE
0,022	0,312	0,001	0,007	0,042	FALSE
-0,026	0,277	0,000	0,006	0,028	FALSE
0,013	0,315	0,000	0,008	0,015	FALSE
0,075	0,304	0,002	0,010	0,090	FALSE
-0,018	0,292	-0,001	0,010	0,024	FALSE
0,127	0,307	0,003	0,007	0,192	FALSE
-0,022	0,303	0,000	0,009	0,003	FALSE
0,007	0,319	-0,001	0,007	0,028	FALSE
0,039	0,308	0,001	0,008	0,027	FALSE
0,056	0,310	0,002	0,009	0,074	FALSE
0,010	0,314	0,000	0,007	0,006	FALSE
-0,015	0,315	0,000	0,009	0,002	FALSE
-0,045	0,302	-0,001	0,009	0,042	FALSE
0,041	0,306	0,001	0,010	0,047	FALSE
-0,026	0,301	-0,001	0,008	0,058	FALSE
0,049	0,301	0,002	0,007	0,084	FALSE
-0,019	0,302	0,000	0,008	0,014	FALSE
0,162	0,306	0,004	0,006	0,261	FALSE
-0,012	0,308	0,000	0,007	0,004	FALSE
0,020	0,304	0,000	0,008	0,003	FALSE
0,047	0,319	0,003	0,013	0,074	FALSE
-0,004	0,304	0,000	0,010	0,017	FALSE
0,001	0,300	0,001	0,012	0,024	FALSE
-0,056	0,303	-0,001	0,007	0,063	FALSE
0,101	0,300	0,003	0,009	0,113	FALSE
-0,040	0,319	-0,001	0,007	0,060	FALSE
-0,064	0,313	-0,001	0,007	0,054	FALSE
0,092	0,303	0,004	0,012	0,123	FALSE
-0,112	0,316	-0,003	0,009	0,150	FALSE
-0,145	0,301	-0,003	0,007	0,194	FALSE
-0,026	0,308	-0,001	0,012	0,037	FALSE
-0,065	0,289	-0,002	0,008	0,084	FALSE
-0,052	0,296	-0,004	0,012	0,118	FALSE
0,079	0,318	0,001	0,006	0,069	FALSE
0,036	0,297	0,002	0,007	0,086	FALSE
0,000	0,319	0,000	0,010	0,005	FALSE
-0,037	0,314	-0,001	0,008	0,026	FALSE
-0,038	0,329	-0,002	0,011	0,065	FALSE

0,061	0,305	0,001	0,008	0,057	FALSE
0,030	0,323	0,001	0,008	0,036	FALSE
0,016	0,303	0,000	0,007	0,006	FALSE
-0,064	0,295	-0,003	0,010	0,103	FALSE
0,051	0,307	0,003	0,011	0,086	FALSE
-0,066	0,319	-0,002	0,008	0,096	FALSE
-0,125	0,312	-0,005	0,009	0,212	FALSE
-0,038	0,305	0,000	0,006	0,029	FALSE
0,067	0,305	0,002	0,006	0,097	FALSE
-0,158	0,296	-0,003	0,006	0,206	FALSE
0,015	0,320	0,002	0,013	0,061	FALSE
-0,022	0,296	0,000	0,011	0,001	FALSE
0,039	0,308	0,001	0,009	0,040	FALSE
-0,068	0,306	-0,002	0,008	0,092	FALSE
-0,018	0,319	-0,001	0,010	0,022	FALSE
-0,050	0,305	-0,001	0,009	0,043	FALSE
0,023	0,299	0,000	0,006	0,007	FALSE
0,054	0,312	0,002	0,009	0,093	FALSE
-0,034	0,311	-0,001	0,009	0,027	FALSE
0,018	0,300	0,001	0,007	0,067	FALSE
-0,031	0,315	-0,001	0,009	0,027	FALSE
0,126	0,309	0,005	0,012	0,186	FALSE
-0,009	0,299	0,000	0,006	0,002	FALSE
0,100	0,305	0,002	0,009	0,088	FALSE
0,012	0,315	0,000	0,013	0,012	FALSE
-0,036	0,321	-0,001	0,012	0,025	FALSE
0,130	0,299	0,005	0,012	0,166	FALSE
-0,037	0,306	-0,001	0,009	0,034	FALSE
0,124	0,316	0,003	0,009	0,160	FALSE
-0,045	0,307	-0,001	0,009	0,041	FALSE
-0,057	0,306	-0,002	0,010	0,060	FALSE
0,073	0,299	0,002	0,007	0,089	FALSE
0,117	0,312	0,003	0,006	0,189	FALSE
0,009	0,312	0,000	0,009	0,019	FALSE
0,016	0,305	0,002	0,012	0,061	FALSE
-0,219	0,297	-0,006	0,008	0,313	FALSE
-0,040	0,306	-0,001	0,009	0,045	FALSE
-0,031	0,303	0,000	0,008	0,001	FALSE
-0,070	0,312	-0,002	0,009	0,089	FALSE
0,118	0,309	0,004	0,010	0,165	FALSE
-0,012	0,282	0,000	0,009	0,003	FALSE
0,063	0,312	0,002	0,008	0,083	FALSE
-0,093	0,302	-0,004	0,012	0,129	FALSE
0,125	0,304	0,002	0,007	0,137	FALSE
0,072	0,311	0,002	0,006	0,110	FALSE
-0,201	0,293	-0,006	0,009	0,279	FALSE
0,070	0,317	0,002	0,007	0,116	FALSE
-0,009	0,300	0,000	0,010	0,002	FALSE
0,032	0,300	0,001	0,010	0,053	FALSE
0,053	0,308	0,000	0,007	0,025	FALSE
0,008	0,317	0,000	0,007	0,006	FALSE
0,082	0,307	0,002	0,008	0,117	FALSE
0,091	0,307	0,003	0,009	0,124	FALSE

0,029	0,313	0,001	0,010	0,024	FALSE
-0,097	0,313	-0,004	0,012	0,135	FALSE
0,044	0,321	0,000	0,006	0,025	FALSE
-0,123	0,299	-0,003	0,007	0,189	FALSE
-0,131	0,283	-0,003	0,006	0,165	FALSE
0,031	0,312	0,001	0,010	0,026	FALSE
0,015	0,303	0,001	0,008	0,045	FALSE
-0,028	0,296	0,000	0,006	0,016	FALSE
-0,045	0,298	-0,002	0,010	0,080	FALSE
0,052	0,304	0,001	0,009	0,047	FALSE
0,038	0,307	0,001	0,012	0,015	FALSE
-0,098	0,304	-0,003	0,010	0,140	FALSE
0,123	0,298	0,004	0,008	0,200	FALSE
-0,121	0,300	-0,003	0,007	0,167	FALSE
-0,053	0,313	-0,001	0,009	0,040	FALSE
0,074	0,311	0,004	0,011	0,126	FALSE
-0,099	0,310	-0,002	0,007	0,112	FALSE
-0,083	0,312	-0,002	0,007	0,101	FALSE
-0,002	0,297	0,000	0,011	0,005	FALSE
-0,095	0,303	-0,003	0,010	0,116	FALSE
-0,009	0,293	0,000	0,011	0,009	FALSE
-0,016	0,308	0,000	0,011	0,008	FALSE
0,087	0,305	0,004	0,012	0,117	FALSE
-0,028	0,310	-0,001	0,006	0,039	FALSE
0,076	0,326	0,003	0,013	0,074	FALSE
0,098	0,315	0,002	0,007	0,135	FALSE
-0,012	0,294	0,000	0,008	0,000	FALSE
-0,001	0,299	0,000	0,009	0,009	FALSE
-0,098	0,302	-0,004	0,012	0,136	FALSE
-0,062	0,311	-0,002	0,009	0,071	FALSE
0,086	0,305	0,002	0,009	0,097	FALSE
-0,018	0,304	0,000	0,008	0,002	FALSE
0,056	0,310	0,002	0,012	0,077	FALSE
0,120	0,315	0,003	0,008	0,134	FALSE
-0,020	0,311	-0,001	0,011	0,042	FALSE
0,059	0,313	0,002	0,008	0,103	FALSE
0,052	0,300	0,002	0,009	0,075	FALSE
-0,009	0,306	0,001	0,007	0,029	FALSE
0,021	0,298	0,001	0,008	0,061	FALSE
-0,034	0,328	-0,001	0,008	0,027	FALSE
0,149	0,310	0,003	0,007	0,184	FALSE
-0,042	0,307	-0,001	0,006	0,061	FALSE
-0,081	0,305	-0,003	0,010	0,093	FALSE
0,089	0,286	0,004	0,011	0,151	FALSE
0,094	0,303	0,003	0,012	0,093	FALSE
-0,043	0,314	-0,001	0,011	0,020	FALSE
-0,048	0,320	-0,001	0,011	0,028	FALSE
-0,070	0,313	-0,002	0,010	0,059	FALSE
0,091	0,305	0,002	0,010	0,062	FALSE
0,053	0,294	0,002	0,008	0,086	FALSE
0,063	0,297	0,002	0,007	0,089	FALSE
-0,016	0,316	-0,001	0,006	0,045	FALSE
-0,018	0,315	0,000	0,007	0,010	FALSE

-0,056	0,297	-0,002	0,010	0,093	FALSE
0,024	0,304	0,001	0,012	0,033	FALSE
0,044	0,315	0,001	0,008	0,052	FALSE
-0,045	0,311	-0,001	0,007	0,063	FALSE
-0,067	0,317	-0,002	0,009	0,078	FALSE
-0,070	0,297	-0,003	0,012	0,082	FALSE
0,097	0,294	0,003	0,009	0,156	FALSE
0,007	0,307	0,000	0,006	0,028	FALSE
-0,116	0,306	-0,003	0,008	0,144	FALSE
-0,062	0,300	-0,001	0,008	0,062	FALSE
-0,051	0,305	-0,002	0,009	0,071	FALSE
-0,038	0,293	-0,002	0,010	0,072	FALSE
0,092	0,301	0,003	0,012	0,110	FALSE
-0,058	0,306	-0,001	0,009	0,054	FALSE
0,023	0,317	0,001	0,009	0,024	FALSE
-0,061	0,308	-0,003	0,011	0,091	FALSE
0,050	0,303	0,001	0,007	0,039	FALSE
-0,014	0,315	0,000	0,008	0,017	FALSE
-0,011	0,284	0,000	0,006	0,010	FALSE
0,043	0,306	0,003	0,013	0,086	FALSE
-0,050	0,310	-0,001	0,008	0,052	FALSE
-0,086	0,316	-0,002	0,007	0,091	FALSE
-0,036	0,303	-0,001	0,006	0,037	FALSE
0,037	0,293	0,002	0,007	0,094	FALSE
-0,017	0,310	0,000	0,008	0,022	FALSE
-0,052	0,317	-0,001	0,010	0,042	FALSE
0,069	0,306	0,003	0,011	0,094	FALSE
0,000	0,297	0,000	0,007	0,011	FALSE
0,022	0,309	0,000	0,008	0,007	FALSE
0,005	0,312	0,000	0,011	0,007	FALSE
0,081	0,303	0,002	0,006	0,111	FALSE
0,084	0,313	0,003	0,009	0,116	FALSE
0,070	0,308	0,003	0,012	0,093	FALSE
0,088	0,325	0,004	0,012	0,129	FALSE
-0,129	0,308	-0,004	0,009	0,182	FALSE
-0,065	0,303	-0,001	0,007	0,082	FALSE
-0,036	0,301	-0,003	0,012	0,077	FALSE
0,056	0,306	0,002	0,007	0,085	FALSE
0,107	0,316	0,003	0,007	0,154	FALSE
0,055	0,320	0,002	0,007	0,087	FALSE
-0,029	0,310	-0,001	0,006	0,039	FALSE
0,053	0,317	0,002	0,013	0,072	FALSE
-0,071	0,285	-0,003	0,009	0,102	FALSE
-0,032	0,307	0,000	0,008	0,013	FALSE
0,056	0,307	0,002	0,009	0,068	FALSE
0,046	0,304	0,001	0,008	0,032	FALSE
-0,066	0,299	-0,001	0,006	0,085	FALSE
0,139	0,299	0,003	0,007	0,168	FALSE
-0,003	0,326	-0,001	0,007	0,025	FALSE
-0,088	0,293	-0,001	0,006	0,074	FALSE
-0,111	0,301	-0,002	0,007	0,114	FALSE
0,103	0,303	0,003	0,010	0,107	FALSE
-0,024	0,309	-0,001	0,007	0,042	FALSE

-0,070	0,310	-0,002	0,008	0,078	FALSE
0,002	0,298	0,000	0,008	0,004	FALSE
0,004	0,312	0,001	0,012	0,017	FALSE
0,048	0,297	0,001	0,010	0,049	FALSE
-0,022	0,305	-0,001	0,009	0,045	FALSE
0,029	0,314	0,001	0,011	0,018	FALSE
0,038	0,313	0,001	0,010	0,041	FALSE
0,031	0,310	0,001	0,011	0,024	FALSE
0,024	0,318	0,000	0,010	0,008	FALSE
-0,011	0,305	0,000	0,010	0,010	FALSE
0,037	0,312	0,001	0,010	0,043	FALSE
-0,045	0,292	-0,001	0,010	0,052	FALSE
0,029	0,302	0,000	0,008	0,021	FALSE
0,044	0,303	0,001	0,009	0,030	FALSE
0,031	0,301	0,000	0,008	0,006	FALSE
-0,002	0,307	0,000	0,010	0,014	FALSE
-0,021	0,310	0,000	0,007	0,024	FALSE
-0,112	0,308	-0,003	0,009	0,159	FALSE
0,170	0,293	0,006	0,010	0,264	FALSE
-0,086	0,299	-0,003	0,007	0,150	FALSE
0,055	0,313	0,002	0,011	0,087	FALSE
-0,088	0,323	-0,002	0,007	0,124	FALSE
0,038	0,295	0,002	0,010	0,058	FALSE
-0,023	0,314	-0,001	0,010	0,032	FALSE
-0,007	0,302	0,000	0,010	0,004	FALSE
-0,071	0,317	-0,002	0,008	0,099	FALSE
-0,038	0,317	-0,002	0,009	0,081	FALSE
0,143	0,284	0,005	0,008	0,285	FALSE
-0,033	0,310	-0,001	0,010	0,049	FALSE
-0,019	0,317	-0,001	0,010	0,040	FALSE
0,069	0,319	0,003	0,011	0,092	FALSE
-0,043	0,305	-0,002	0,007	0,093	FALSE
-0,012	0,313	-0,001	0,009	0,035	FALSE
0,001	0,308	0,000	0,010	0,004	FALSE
0,056	0,326	0,001	0,007	0,072	FALSE
0,014	0,309	0,000	0,008	0,014	FALSE
0,025	0,303	0,000	0,009	0,017	FALSE
0,112	0,300	0,003	0,007	0,166	FALSE
-0,017	0,319	-0,001	0,013	0,016	FALSE
0,001	0,300	0,001	0,011	0,020	FALSE
0,062	0,287	0,002	0,010	0,069	FALSE
0,006	0,305	0,000	0,012	0,002	FALSE
0,074	0,305	0,003	0,011	0,086	FALSE
-0,001	0,306	0,000	0,013	0,010	FALSE
0,037	0,296	0,002	0,012	0,050	FALSE
0,024	0,301	0,001	0,013	0,029	FALSE
-0,021	0,298	0,000	0,007	0,021	FALSE
-0,039	0,309	-0,001	0,007	0,026	FALSE
0,013	0,303	0,001	0,008	0,041	FALSE
-0,019	0,312	-0,001	0,008	0,026	FALSE
-0,012	0,312	-0,001	0,012	0,028	FALSE
-0,055	0,311	-0,002	0,009	0,091	FALSE
0,008	0,308	0,000	0,006	0,002	FALSE

0,021	0,310	0,001	0,009	0,020	FALSE
0,089	0,308	0,002	0,011	0,084	FALSE
0,090	0,311	0,002	0,011	0,074	FALSE
0,012	0,319	0,000	0,012	0,014	FALSE
-0,110	0,306	-0,003	0,009	0,133	FALSE
0,085	0,293	0,002	0,007	0,116	FALSE
-0,073	0,304	-0,002	0,007	0,118	FALSE
0,117	0,321	0,002	0,007	0,146	FALSE
0,079	0,303	0,001	0,007	0,050	FALSE
0,023	0,300	0,001	0,011	0,035	FALSE
-0,036	0,314	-0,002	0,010	0,062	FALSE
0,029	0,305	0,001	0,012	0,032	FALSE
0,106	0,300	0,005	0,011	0,188	FALSE
-0,048	0,306	-0,001	0,010	0,057	FALSE
-0,061	0,295	-0,001	0,006	0,070	FALSE
0,071	0,313	0,002	0,007	0,086	FALSE
-0,034	0,296	-0,001	0,009	0,062	FALSE
-0,045	0,304	-0,001	0,007	0,044	FALSE
-0,047	0,309	-0,002	0,011	0,062	FALSE
0,007	0,315	0,000	0,008	0,001	FALSE
0,090	0,297	0,003	0,007	0,154	FALSE
0,071	0,293	0,002	0,007	0,112	FALSE
0,116	0,284	0,003	0,007	0,199	FALSE
-0,056	0,291	-0,001	0,009	0,058	FALSE
0,033	0,312	0,001	0,012	0,038	FALSE
0,147	0,303	0,006	0,012	0,198	FALSE
0,015	0,283	0,001	0,007	0,039	FALSE
-0,017	0,310	-0,001	0,009	0,054	FALSE
0,043	0,299	0,000	0,009	0,007	FALSE
-0,026	0,301	-0,001	0,009	0,055	FALSE
-0,016	0,326	0,000	0,013	0,003	FALSE
0,014	0,314	0,001	0,013	0,026	FALSE
0,008	0,312	0,001	0,013	0,027	FALSE
0,069	0,305	0,001	0,007	0,076	FALSE
-0,016	0,316	-0,001	0,007	0,054	FALSE
0,065	0,299	0,002	0,011	0,073	FALSE
-0,003	0,298	0,000	0,008	0,002	FALSE
0,023	0,308	0,001	0,008	0,043	FALSE
-0,143	0,298	-0,004	0,008	0,217	FALSE
0,051	0,292	0,003	0,012	0,094	FALSE
-0,127	0,320	-0,004	0,008	0,183	FALSE
0,011	0,306	0,001	0,010	0,028	FALSE
0,045	0,304	0,002	0,011	0,078	FALSE
0,030	0,301	0,000	0,008	0,009	FALSE
-0,053	0,315	-0,002	0,010	0,070	FALSE
-0,144	0,312	-0,003	0,007	0,194	FALSE
0,047	0,296	0,001	0,009	0,060	FALSE
-0,054	0,299	-0,003	0,010	0,105	FALSE
0,007	0,303	0,000	0,008	0,005	FALSE
0,006	0,302	0,000	0,011	0,001	FALSE
0,004	0,312	0,000	0,009	0,003	FALSE
0,131	0,312	0,004	0,008	0,174	FALSE
-0,219	0,294	-0,008	0,010	0,345	FALSE

0,046	0,322	0,001	0,008	0,063	FALSE
0,087	0,307	0,003	0,009	0,123	FALSE
0,051	0,310	0,001	0,010	0,023	FALSE
0,085	0,306	0,003	0,012	0,078	FALSE
0,037	0,290	0,001	0,008	0,039	FALSE
0,067	0,307	0,002	0,007	0,111	FALSE
0,175	0,288	0,004	0,008	0,221	FALSE
-0,175	0,309	-0,007	0,012	0,267	FALSE
-0,112	0,309	-0,004	0,009	0,167	FALSE
0,096	0,310	0,002	0,007	0,136	FALSE
-0,036	0,321	-0,001	0,012	0,045	FALSE
0,004	0,309	0,000	0,012	0,008	FALSE
0,009	0,298	0,000	0,012	0,011	FALSE
0,014	0,310	0,000	0,009	0,004	FALSE
0,031	0,313	0,000	0,012	0,014	FALSE
-0,107	0,299	-0,002	0,007	0,122	FALSE
0,052	0,311	0,002	0,013	0,053	FALSE
0,027	0,300	0,001	0,012	0,035	FALSE
-0,168	0,310	-0,004	0,007	0,230	FALSE
0,097	0,294	0,004	0,012	0,134	FALSE
0,118	0,294	0,004	0,012	0,144	FALSE
-0,020	0,318	0,000	0,009	0,008	FALSE
0,046	0,320	0,001	0,009	0,040	FALSE
-0,028	0,302	-0,001	0,011	0,024	FALSE
0,012	0,303	0,000	0,007	0,021	FALSE
-0,006	0,306	0,000	0,007	0,021	FALSE
0,048	0,310	0,001	0,006	0,078	FALSE
0,084	0,301	0,002	0,007	0,099	FALSE
-0,038	0,299	-0,001	0,008	0,072	FALSE
0,051	0,304	0,002	0,012	0,047	FALSE
0,031	0,306	0,001	0,012	0,037	FALSE
0,006	0,305	0,000	0,008	0,007	FALSE
-0,035	0,307	-0,003	0,013	0,103	FALSE
-0,023	0,310	0,000	0,007	0,024	FALSE
0,052	0,306	0,001	0,011	0,043	FALSE
-0,010	0,304	0,001	0,008	0,022	FALSE
-0,043	0,294	0,000	0,007	0,024	FALSE
0,073	0,309	0,003	0,009	0,121	FALSE
0,080	0,294	0,003	0,011	0,104	FALSE
-0,094	0,311	-0,004	0,013	0,117	FALSE
-0,095	0,294	-0,003	0,008	0,131	FALSE
0,004	0,328	0,000	0,013	0,004	FALSE
0,076	0,304	0,002	0,007	0,112	FALSE
-0,092	0,310	-0,003	0,009	0,126	FALSE
0,058	0,301	0,002	0,009	0,084	FALSE
0,016	0,296	0,001	0,010	0,026	FALSE
0,043	0,307	0,002	0,008	0,068	FALSE
0,033	0,312	0,002	0,009	0,076	FALSE
0,117	0,314	0,003	0,009	0,120	FALSE
0,061	0,303	0,002	0,009	0,095	FALSE
-0,054	0,305	-0,001	0,009	0,043	FALSE
0,001	0,295	0,001	0,009	0,043	FALSE
-0,036	0,306	0,000	0,009	0,016	FALSE

0,029	0,300	0,001	0,007	0,049	FALSE
0,120	0,306	0,003	0,010	0,115	FALSE
0,105	0,303	0,002	0,010	0,097	FALSE
0,101	0,302	0,002	0,010	0,092	FALSE
0,108	0,315	0,002	0,007	0,138	FALSE
-0,022	0,297	-0,001	0,009	0,039	FALSE
0,069	0,306	0,001	0,007	0,082	FALSE
0,139	0,296	0,003	0,007	0,181	FALSE
0,087	0,302	0,004	0,013	0,112	FALSE
-0,024	0,298	-0,002	0,008	0,074	FALSE
0,187	0,302	0,004	0,007	0,282	FALSE
-0,005	0,316	0,000	0,007	0,014	FALSE
0,036	0,291	0,001	0,008	0,056	FALSE
0,048	0,298	0,002	0,011	0,073	FALSE
0,022	0,311	0,001	0,007	0,048	FALSE
0,068	0,326	0,002	0,009	0,064	FALSE
-0,065	0,313	-0,002	0,011	0,086	FALSE
-0,024	0,309	-0,002	0,012	0,050	FALSE
-0,127	0,300	-0,003	0,006	0,156	FALSE
-0,020	0,299	0,000	0,006	0,006	FALSE
0,022	0,322	0,001	0,010	0,030	FALSE
-0,105	0,312	-0,004	0,010	0,159	FALSE
-0,059	0,318	-0,001	0,006	0,064	FALSE
-0,013	0,301	0,000	0,010	0,013	FALSE
-0,007	0,307	0,000	0,009	0,001	FALSE
-0,065	0,311	-0,002	0,010	0,085	FALSE
0,050	0,301	0,002	0,008	0,077	FALSE
-0,104	0,311	-0,002	0,008	0,118	FALSE
-0,022	0,319	-0,001	0,008	0,036	FALSE
-0,011	0,287	-0,001	0,006	0,030	FALSE
-0,006	0,307	-0,001	0,010	0,028	FALSE
0,026	0,318	0,001	0,012	0,037	FALSE
-0,114	0,299	-0,005	0,010	0,193	FALSE
-0,014	0,315	0,000	0,011	0,012	FALSE
0,011	0,320	0,000	0,012	0,010	FALSE
-0,003	0,307	-0,001	0,011	0,019	FALSE
0,138	0,308	0,006	0,012	0,217	FALSE
0,107	0,299	0,006	0,011	0,211	FALSE
-0,053	0,302	-0,001	0,007	0,036	FALSE
0,005	0,306	0,000	0,007	0,002	FALSE
-0,130	0,320	-0,003	0,007	0,151	FALSE
0,130	0,311	0,004	0,007	0,208	FALSE
0,050	0,303	0,001	0,008	0,058	FALSE
-0,024	0,308	-0,001	0,008	0,042	FALSE
0,091	0,319	0,004	0,013	0,107	FALSE
-0,049	0,302	-0,003	0,010	0,098	FALSE
0,137	0,299	0,007	0,012	0,220	FALSE
-0,084	0,296	-0,002	0,008	0,114	FALSE
-0,051	0,292	-0,002	0,011	0,063	FALSE
-0,001	0,312	0,000	0,011	0,002	FALSE
0,120	0,299	0,005	0,011	0,164	FALSE
-0,096	0,304	-0,003	0,009	0,121	FALSE
0,026	0,313	0,001	0,010	0,021	FALSE

-0,092	0,316	-0,002	0,007	0,095	FALSE
-0,116	0,307	-0,002	0,007	0,135	FALSE
0,012	0,289	0,002	0,011	0,059	FALSE
0,101	0,307	0,003	0,009	0,145	FALSE
-0,031	0,316	-0,002	0,008	0,073	FALSE
0,014	0,317	0,000	0,011	0,015	FALSE
0,009	0,311	0,000	0,008	0,015	FALSE
0,023	0,309	0,001	0,008	0,027	FALSE
-0,100	0,301	-0,003	0,009	0,108	FALSE
-0,099	0,307	-0,004	0,012	0,109	FALSE
0,134	0,295	0,005	0,011	0,202	FALSE
0,065	0,307	0,003	0,012	0,086	FALSE
-0,003	0,305	0,000	0,007	0,003	FALSE
0,046	0,296	0,002	0,011	0,060	FALSE
-0,066	0,306	-0,002	0,008	0,092	FALSE
0,082	0,315	0,002	0,007	0,107	FALSE
0,029	0,311	0,001	0,011	0,022	FALSE
0,013	0,307	0,001	0,012	0,016	FALSE
0,022	0,294	0,001	0,010	0,021	FALSE
0,025	0,291	0,002	0,011	0,064	FALSE
0,002	0,310	0,001	0,012	0,022	FALSE
0,017	0,298	0,001	0,010	0,022	FALSE
-0,054	0,312	-0,003	0,012	0,087	FALSE
-0,136	0,314	-0,005	0,010	0,206	FALSE
0,161	0,301	0,007	0,012	0,249	FALSE
0,177	0,312	0,008	0,013	0,260	FALSE
-0,060	0,301	-0,002	0,009	0,094	FALSE
-0,009	0,304	0,000	0,007	0,023	FALSE
0,077	0,294	0,002	0,010	0,095	FALSE
0,130	0,295	0,004	0,008	0,216	FALSE
-0,008	0,305	0,000	0,012	0,008	FALSE
0,063	0,318	0,003	0,013	0,088	FALSE
0,110	0,299	0,003	0,009	0,128	FALSE
-0,200	0,294	-0,004	0,007	0,281	FALSE
-0,048	0,304	-0,001	0,008	0,037	FALSE
-0,173	0,307	-0,007	0,012	0,222	FALSE
0,032	0,297	0,001	0,010	0,038	FALSE
0,035	0,297	0,002	0,011	0,052	FALSE
-0,070	0,319	-0,002	0,007	0,099	FALSE
0,042	0,294	0,002	0,009	0,065	FALSE
-0,046	0,313	-0,001	0,007	0,040	FALSE
-0,049	0,316	-0,002	0,010	0,061	FALSE
-0,057	0,315	-0,001	0,007	0,060	FALSE
0,045	0,309	0,001	0,010	0,028	FALSE
0,022	0,312	0,001	0,009	0,037	FALSE
-0,048	0,310	-0,001	0,009	0,042	FALSE
-0,070	0,308	-0,002	0,009	0,095	FALSE
-0,112	0,309	-0,003	0,006	0,158	FALSE
0,066	0,311	0,002	0,010	0,086	FALSE
-0,111	0,308	-0,005	0,012	0,178	FALSE
0,001	0,306	0,000	0,007	0,019	FALSE
0,130	0,302	0,003	0,007	0,164	FALSE
0,075	0,314	0,002	0,010	0,087	FALSE

0,190	0,307	0,006	0,011	0,221	FALSE
-0,039	0,306	-0,001	0,008	0,053	FALSE
0,052	0,302	0,002	0,010	0,077	FALSE
0,180	0,294	0,004	0,007	0,253	FALSE
0,099	0,299	0,003	0,007	0,137	FALSE
-0,135	0,312	-0,003	0,007	0,165	FALSE
0,005	0,304	0,001	0,009	0,021	FALSE
-0,106	0,309	-0,005	0,012	0,193	FALSE
0,018	0,316	0,001	0,009	0,026	FALSE
0,006	0,325	0,000	0,010	0,002	FALSE
0,071	0,306	0,003	0,010	0,110	FALSE
0,139	0,307	0,004	0,008	0,224	FALSE
0,110	0,314	0,004	0,012	0,144	FALSE
-0,094	0,316	-0,003	0,009	0,153	FALSE
-0,047	0,310	-0,002	0,011	0,079	FALSE
0,008	0,300	0,000	0,012	0,011	FALSE
-0,006	0,318	0,001	0,011	0,017	FALSE
0,050	0,292	0,002	0,009	0,067	FALSE
0,071	0,303	0,002	0,009	0,087	FALSE
0,046	0,304	0,001	0,010	0,025	FALSE
-0,064	0,294	-0,002	0,008	0,080	FALSE
-0,092	0,300	-0,002	0,008	0,114	FALSE
0,030	0,297	0,000	0,010	0,003	FALSE
0,003	0,309	0,001	0,011	0,020	FALSE
0,016	0,294	-0,001	0,008	0,032	FALSE
0,031	0,303	0,002	0,013	0,060	FALSE
-0,116	0,320	-0,005	0,013	0,172	FALSE
0,035	0,314	0,001	0,008	0,038	FALSE
-0,118	0,307	-0,004	0,011	0,134	FALSE
0,010	0,311	0,000	0,012	0,012	FALSE
-0,013	0,324	-0,001	0,013	0,023	FALSE
-0,026	0,296	-0,001	0,007	0,067	FALSE
0,049	0,310	0,001	0,008	0,056	FALSE
-0,021	0,312	-0,001	0,008	0,041	FALSE
0,124	0,307	0,004	0,010	0,142	FALSE
0,037	0,309	0,002	0,010	0,066	FALSE
-0,116	0,300	-0,003	0,007	0,174	FALSE
0,123	0,293	0,004	0,007	0,200	FALSE
0,024	0,317	0,000	0,008	0,003	FALSE
0,079	0,317	0,002	0,008	0,105	FALSE
-0,103	0,312	-0,003	0,011	0,120	FALSE
-0,057	0,313	-0,003	0,011	0,101	FALSE
-0,050	0,292	-0,002	0,009	0,093	FALSE
-0,026	0,293	-0,001	0,007	0,034	FALSE
0,180	0,298	0,007	0,011	0,265	FALSE
-0,072	0,306	-0,002	0,012	0,076	FALSE
-0,077	0,301	-0,002	0,007	0,089	FALSE
-0,009	0,317	0,000	0,011	0,001	FALSE
-0,003	0,308	-0,001	0,010	0,030	FALSE
0,100	0,315	0,004	0,012	0,125	FALSE
0,020	0,303	0,000	0,008	0,018	FALSE
-0,082	0,319	-0,003	0,012	0,084	FALSE
-0,093	0,314	-0,003	0,012	0,105	FALSE

0,018	0,308	0,001	0,008	0,032	FALSE
0,109	0,316	0,004	0,012	0,144	FALSE
0,090	0,305	0,003	0,009	0,134	FALSE
-0,114	0,314	-0,003	0,007	0,156	FALSE
0,017	0,312	0,000	0,009	0,014	FALSE
-0,084	0,301	-0,003	0,011	0,106	FALSE
0,140	0,310	0,004	0,010	0,168	FALSE
0,010	0,316	0,001	0,008	0,049	FALSE
0,002	0,302	0,000	0,010	0,012	FALSE
-0,022	0,317	-0,001	0,012	0,026	FALSE
-0,086	0,305	-0,002	0,008	0,130	FALSE
-0,034	0,292	-0,002	0,010	0,076	FALSE
-0,092	0,314	-0,002	0,007	0,121	FALSE
0,028	0,296	0,002	0,012	0,060	FALSE
0,048	0,298	0,001	0,010	0,018	FALSE
-0,161	0,305	-0,005	0,010	0,206	FALSE
-0,065	0,307	-0,001	0,006	0,086	FALSE
0,164	0,301	0,003	0,007	0,189	FALSE
0,001	0,320	0,000	0,011	0,005	FALSE
-0,016	0,303	-0,001	0,007	0,045	FALSE
0,091	0,314	0,002	0,011	0,080	FALSE
0,002	0,311	0,000	0,009	0,011	FALSE
-0,148	0,297	-0,007	0,012	0,230	FALSE
-0,155	0,298	-0,005	0,011	0,198	FALSE
0,024	0,315	0,001	0,008	0,045	FALSE
0,082	0,298	0,002	0,012	0,060	FALSE
-0,032	0,299	-0,002	0,010	0,073	FALSE
0,007	0,326	0,000	0,008	0,009	FALSE
-0,051	0,304	-0,002	0,011	0,067	FALSE
-0,100	0,301	-0,003	0,008	0,154	FALSE
-0,010	0,302	0,000	0,007	0,006	FALSE
0,172	0,302	0,005	0,007	0,290	FALSE
0,119	0,301	0,004	0,012	0,122	FALSE
-0,140	0,304	-0,004	0,008	0,199	FALSE
-0,171	0,301	-0,007	0,012	0,234	FALSE
0,012	0,316	0,001	0,010	0,021	FALSE
-0,118	0,306	-0,004	0,009	0,157	FALSE
-0,103	0,309	-0,003	0,009	0,146	FALSE
-0,109	0,314	-0,005	0,012	0,157	FALSE
0,060	0,310	0,002	0,012	0,069	FALSE
0,075	0,308	0,002	0,009	0,104	FALSE
-0,007	0,301	0,000	0,013	0,011	FALSE
0,089	0,312	0,002	0,009	0,091	FALSE
0,051	0,322	0,001	0,008	0,036	FALSE
0,102	0,314	0,004	0,011	0,152	FALSE
0,009	0,302	0,002	0,013	0,046	FALSE
-0,013	0,302	0,000	0,012	0,006	FALSE
0,140	0,307	0,003	0,006	0,202	FALSE
-0,062	0,293	-0,004	0,011	0,129	FALSE
0,045	0,308	0,002	0,012	0,064	FALSE
-0,049	0,290	-0,001	0,012	0,042	FALSE
0,096	0,301	0,003	0,011	0,093	FALSE
-0,004	0,305	0,000	0,010	0,003	FALSE

0,031	0,311	0,001	0,009	0,042	FALSE
-0,005	0,315	0,000	0,009	0,015	FALSE
0,023	0,314	0,001	0,007	0,025	FALSE
-0,054	0,304	-0,001	0,008	0,062	FALSE
-0,039	0,311	-0,002	0,010	0,079	FALSE
0,062	0,305	0,001	0,008	0,040	FALSE
0,049	0,294	0,001	0,010	0,043	FALSE
-0,040	0,310	0,000	0,011	0,015	FALSE
0,058	0,314	0,002	0,007	0,093	FALSE
0,049	0,309	0,001	0,006	0,067	FALSE
0,064	0,310	0,002	0,007	0,110	FALSE
0,050	0,314	0,001	0,007	0,074	FALSE
-0,068	0,316	-0,001	0,007	0,084	FALSE
-0,023	0,309	0,000	0,007	0,005	FALSE
-0,027	0,307	0,000	0,006	0,011	FALSE
0,180	0,297	0,004	0,007	0,248	FALSE
0,139	0,292	0,003	0,007	0,201	FALSE
0,083	0,305	0,003	0,010	0,111	FALSE
-0,086	0,301	-0,002	0,008	0,105	FALSE
-0,141	0,293	-0,004	0,009	0,199	FALSE
-0,001	0,302	0,000	0,008	0,021	FALSE
-0,043	0,307	-0,001	0,008	0,072	FALSE
0,081	0,309	0,003	0,012	0,097	FALSE
0,011	0,309	0,000	0,007	0,001	FALSE
0,125	0,291	0,005	0,010	0,202	FALSE
-0,136	0,303	-0,006	0,012	0,203	FALSE
-0,031	0,308	0,000	0,008	0,011	FALSE
0,076	0,308	0,002	0,007	0,116	FALSE
-0,179	0,297	-0,007	0,011	0,274	FALSE
0,022	0,306	0,001	0,010	0,041	FALSE
0,086	0,322	0,004	0,012	0,139	FALSE
0,058	0,298	0,002	0,007	0,106	FALSE
-0,065	0,310	-0,002	0,007	0,092	FALSE
-0,047	0,305	-0,003	0,012	0,097	FALSE
-0,059	0,302	-0,002	0,008	0,091	FALSE
-0,087	0,305	-0,004	0,012	0,119	FALSE
-0,079	0,304	-0,002	0,011	0,072	FALSE
0,049	0,307	0,001	0,010	0,046	FALSE
0,074	0,296	0,001	0,008	0,064	FALSE
-0,126	0,309	-0,003	0,008	0,144	FALSE
0,029	0,305	0,000	0,007	0,016	FALSE
-0,058	0,319	-0,001	0,008	0,046	FALSE
0,023	0,300	0,001	0,011	0,021	FALSE
-0,034	0,306	-0,001	0,010	0,043	FALSE
-0,206	0,304	-0,004	0,006	0,288	FALSE
-0,010	0,297	-0,001	0,011	0,027	FALSE
0,034	0,317	0,001	0,008	0,042	FALSE
0,010	0,294	0,001	0,011	0,026	FALSE
0,063	0,321	0,003	0,012	0,088	FALSE
-0,059	0,322	-0,002	0,012	0,077	FALSE
-0,119	0,316	-0,004	0,009	0,161	FALSE
0,092	0,299	0,002	0,007	0,129	FALSE
-0,030	0,302	0,000	0,007	0,025	FALSE

0,128	0,305	0,005	0,012	0,173	FALSE
-0,044	0,306	-0,001	0,007	0,049	FALSE
-0,076	0,307	-0,002	0,007	0,117	FALSE
-0,029	0,320	-0,002	0,013	0,045	FALSE
0,066	0,307	0,002	0,010	0,065	FALSE
-0,054	0,305	-0,001	0,007	0,076	FALSE
0,049	0,307	0,001	0,010	0,050	FALSE
0,036	0,298	0,001	0,010	0,040	FALSE
0,011	0,303	0,000	0,007	0,006	FALSE
0,095	0,307	0,003	0,008	0,129	FALSE
0,076	0,310	0,003	0,009	0,112	FALSE
0,018	0,294	0,000	0,009	0,015	FALSE
0,027	0,316	0,001	0,010	0,028	FALSE
0,038	0,304	0,001	0,008	0,058	FALSE
-0,038	0,315	-0,001	0,009	0,035	FALSE
-0,110	0,318	-0,004	0,013	0,122	TRUE
0,032	0,308	0,000	0,007	0,022	FALSE
0,003	0,298	0,000	0,006	0,006	FALSE
-0,016	0,302	-0,001	0,012	0,038	FALSE
-0,062	0,304	-0,002	0,010	0,076	FALSE
0,017	0,304	0,000	0,008	0,016	FALSE
-0,031	0,301	-0,001	0,008	0,031	FALSE
0,069	0,304	0,001	0,007	0,063	FALSE
-0,127	0,315	-0,003	0,007	0,166	FALSE
-0,081	0,308	-0,001	0,006	0,088	FALSE
0,073	0,297	0,001	0,007	0,075	FALSE
0,083	0,305	0,002	0,009	0,078	FALSE
-0,119	0,300	-0,003	0,008	0,166	FALSE
-0,119	0,304	-0,002	0,006	0,122	FALSE
0,168	0,299	0,007	0,012	0,257	FALSE
-0,082	0,318	-0,002	0,009	0,083	FALSE
-0,082	0,298	-0,002	0,010	0,079	FALSE
-0,014	0,305	0,000	0,010	0,014	FALSE
-0,054	0,308	-0,002	0,010	0,071	FALSE
0,096	0,306	0,002	0,010	0,093	FALSE
0,121	0,308	0,003	0,009	0,140	FALSE
-0,084	0,303	-0,002	0,007	0,098	FALSE
-0,057	0,313	-0,002	0,007	0,087	FALSE
-0,151	0,309	-0,007	0,013	0,218	FALSE
-0,103	0,312	-0,003	0,010	0,111	FALSE
-0,129	0,296	-0,003	0,008	0,151	FALSE
0,045	0,305	0,001	0,008	0,067	FALSE
-0,094	0,310	-0,003	0,010	0,111	FALSE
0,045	0,314	0,001	0,008	0,043	FALSE
-0,007	0,312	0,000	0,011	0,010	FALSE
0,116	0,306	0,002	0,008	0,105	FALSE
0,020	0,310	0,000	0,012	0,003	FALSE
-0,041	0,333	-0,001	0,009	0,030	FALSE
0,120	0,293	0,006	0,011	0,218	FALSE
-0,108	0,306	-0,004	0,011	0,158	FALSE
-0,066	0,317	-0,003	0,013	0,089	FALSE
-0,041	0,309	-0,003	0,013	0,079	FALSE
-0,044	0,314	-0,001	0,007	0,068	FALSE

0,030	0,320	0,001	0,006	0,053	FALSE
-0,032	0,301	-0,001	0,006	0,031	FALSE
-0,180	0,297	-0,007	0,013	0,233	FALSE
-0,070	0,310	-0,001	0,012	0,031	FALSE
0,074	0,301	0,002	0,008	0,096	FALSE
0,127	0,300	0,004	0,010	0,153	FALSE
-0,123	0,308	-0,004	0,012	0,128	FALSE
0,158	0,284	0,004	0,007	0,245	FALSE
-0,018	0,311	-0,001	0,006	0,035	FALSE
0,141	0,294	0,004	0,009	0,190	FALSE
-0,124	0,293	-0,004	0,011	0,146	FALSE
0,001	0,315	0,000	0,011	0,009	FALSE
0,054	0,296	0,003	0,013	0,083	FALSE
-0,057	0,289	-0,002	0,012	0,079	FALSE
0,036	0,305	0,001	0,012	0,027	FALSE
-0,018	0,312	0,000	0,013	0,005	FALSE
0,041	0,315	0,000	0,007	0,021	FALSE
-0,019	0,298	0,000	0,007	0,024	FALSE
-0,079	0,315	-0,003	0,013	0,091	FALSE
0,043	0,300	0,000	0,007	0,018	FALSE
-0,085	0,298	-0,002	0,007	0,110	FALSE
0,126	0,300	0,004	0,009	0,158	FALSE
-0,049	0,318	-0,001	0,006	0,088	FALSE
0,096	0,312	0,003	0,009	0,111	FALSE
-0,017	0,321	-0,001	0,012	0,038	FALSE
-0,052	0,314	-0,002	0,012	0,070	FALSE
-0,022	0,312	0,000	0,006	0,016	FALSE
-0,114	0,312	-0,002	0,007	0,135	FALSE
0,019	0,318	0,000	0,007	0,005	FALSE
0,052	0,304	0,002	0,008	0,068	FALSE
0,013	0,301	0,000	0,007	0,026	FALSE
0,028	0,309	0,001	0,006	0,031	FALSE
-0,020	0,313	-0,001	0,009	0,021	FALSE
0,018	0,308	0,002	0,013	0,069	FALSE
0,102	0,303	0,004	0,012	0,142	FALSE
0,046	0,310	0,001	0,008	0,061	FALSE
-0,078	0,314	-0,003	0,013	0,106	FALSE
0,002	0,324	0,000	0,010	0,001	FALSE
-0,041	0,304	-0,001	0,007	0,043	FALSE
-0,111	0,302	-0,003	0,009	0,148	FALSE
0,134	0,288	0,004	0,010	0,170	FALSE
0,071	0,303	0,002	0,006	0,097	FALSE
0,015	0,322	0,000	0,008	0,001	FALSE
-0,008	0,299	0,002	0,012	0,051	FALSE
-0,110	0,311	-0,003	0,011	0,108	FALSE
0,159	0,308	0,006	0,011	0,221	FALSE
-0,006	0,317	0,000	0,008	0,020	FALSE
-0,006	0,309	0,000	0,013	0,002	FALSE
-0,030	0,298	-0,001	0,010	0,030	FALSE
0,029	0,304	0,001	0,008	0,061	FALSE
0,010	0,306	0,001	0,010	0,041	FALSE
-0,112	0,287	-0,004	0,011	0,146	FALSE
-0,083	0,288	-0,003	0,010	0,118	FALSE

0,015	0,292	0,000	0,007	0,013	FALSE
0,069	0,314	0,003	0,012	0,088	FALSE
0,013	0,312	0,000	0,010	0,012	FALSE
-0,052	0,298	-0,002	0,008	0,072	FALSE
0,030	0,301	0,001	0,007	0,046	FALSE
-0,037	0,320	-0,001	0,009	0,037	FALSE
-0,004	0,309	0,000	0,009	0,014	FALSE
-0,054	0,310	-0,002	0,008	0,096	FALSE
-0,043	0,311	-0,001	0,013	0,039	FALSE
0,002	0,312	0,001	0,008	0,029	FALSE
0,036	0,287	0,001	0,007	0,044	FALSE
-0,033	0,314	-0,001	0,011	0,026	FALSE
-0,084	0,294	-0,003	0,009	0,122	FALSE
-0,066	0,305	-0,002	0,007	0,086	FALSE
0,041	0,303	0,002	0,011	0,072	FALSE
-0,047	0,302	-0,001	0,012	0,029	FALSE
-0,008	0,315	0,000	0,010	0,012	FALSE
0,041	0,309	0,001	0,006	0,055	FALSE
0,103	0,291	0,002	0,008	0,100	FALSE
0,055	0,306	0,002	0,008	0,074	FALSE
-0,086	0,290	-0,004	0,011	0,136	FALSE
-0,068	0,310	-0,002	0,007	0,101	FALSE
-0,097	0,299	-0,004	0,012	0,127	FALSE
-0,105	0,305	-0,003	0,008	0,121	FALSE
-0,028	0,313	-0,001	0,009	0,058	FALSE
-0,014	0,310	0,000	0,009	0,007	FALSE
-0,010	0,303	0,000	0,007	0,002	FALSE
0,133	0,294	0,003	0,006	0,211	FALSE
0,050	0,308	0,002	0,011	0,083	FALSE
-0,004	0,325	-0,001	0,007	0,031	FALSE
-0,107	0,291	-0,002	0,006	0,133	FALSE
-0,081	0,302	-0,003	0,009	0,125	FALSE
-0,083	0,300	-0,002	0,009	0,081	FALSE
-0,139	0,290	-0,007	0,012	0,260	FALSE
0,044	0,319	0,002	0,009	0,060	FALSE
0,084	0,299	0,004	0,011	0,130	FALSE
0,039	0,311	0,001	0,010	0,038	FALSE
-0,041	0,305	-0,003	0,011	0,093	FALSE
-0,017	0,314	0,000	0,006	0,004	FALSE
-0,017	0,298	-0,001	0,012	0,017	FALSE
0,116	0,315	0,005	0,012	0,168	FALSE
0,095	0,311	0,002	0,008	0,089	FALSE
-0,034	0,319	-0,002	0,012	0,063	FALSE
0,061	0,305	0,002	0,013	0,069	FALSE
0,053	0,291	0,002	0,012	0,055	FALSE
0,057	0,286	0,002	0,012	0,055	FALSE
-0,048	0,305	-0,001	0,009	0,063	FALSE
-0,008	0,312	0,000	0,008	0,018	FALSE
-0,014	0,304	-0,001	0,009	0,055	FALSE
0,025	0,298	0,000	0,010	0,000	FALSE
0,053	0,311	0,001	0,008	0,039	FALSE
0,044	0,303	0,001	0,007	0,049	FALSE
0,114	0,297	0,004	0,012	0,149	FALSE

-0,031	0,316	0,000	0,007	0,022	FALSE
-0,201	0,302	-0,005	0,008	0,307	FALSE
0,051	0,311	0,002	0,012	0,067	FALSE
-0,002	0,306	0,000	0,010	0,010	FALSE
-0,031	0,301	-0,001	0,007	0,048	FALSE
0,025	0,311	0,000	0,012	0,015	FALSE
0,077	0,300	0,002	0,009	0,074	FALSE
-0,141	0,305	-0,005	0,011	0,175	FALSE
0,155	0,292	0,005	0,009	0,234	FALSE
0,172	0,296	0,005	0,009	0,235	FALSE
-0,048	0,291	-0,001	0,011	0,027	FALSE
-0,135	0,300	-0,003	0,008	0,145	FALSE
0,071	0,308	0,002	0,011	0,081	FALSE
0,028	0,310	0,001	0,010	0,031	FALSE
-0,038	0,306	-0,001	0,011	0,047	FALSE
-0,107	0,301	-0,004	0,011	0,135	FALSE
0,088	0,308	0,003	0,008	0,133	FALSE
0,075	0,297	0,002	0,007	0,092	FALSE
-0,140	0,308	-0,006	0,012	0,194	FALSE
-0,202	0,304	-0,008	0,011	0,314	FALSE
0,010	0,300	0,000	0,007	0,024	FALSE
-0,019	0,298	-0,001	0,012	0,037	FALSE
-0,037	0,301	-0,002	0,012	0,052	FALSE
0,049	0,303	0,001	0,006	0,082	FALSE
-0,124	0,295	-0,003	0,008	0,179	FALSE
-0,090	0,311	-0,003	0,009	0,125	FALSE
-0,067	0,305	-0,002	0,007	0,101	FALSE
-0,030	0,312	-0,001	0,010	0,041	FALSE
0,110	0,311	0,004	0,011	0,130	FALSE
0,052	0,311	0,001	0,012	0,040	FALSE
0,045	0,295	0,001	0,010	0,041	FALSE
-0,048	0,299	-0,001	0,011	0,032	FALSE
-0,120	0,310	-0,005	0,012	0,155	FALSE
0,022	0,307	0,001	0,008	0,049	FALSE
-0,148	0,293	-0,006	0,010	0,231	FALSE
0,077	0,295	0,003	0,009	0,126	FALSE
-0,076	0,311	-0,003	0,011	0,117	FALSE
0,043	0,293	0,001	0,007	0,054	FALSE
0,016	0,311	0,001	0,008	0,056	FALSE
0,043	0,302	0,002	0,012	0,058	FALSE
-0,029	0,312	-0,001	0,008	0,050	FALSE
0,002	0,311	0,000	0,006	0,001	FALSE
-0,015	0,292	0,000	0,007	0,003	FALSE
0,015	0,291	0,001	0,012	0,044	FALSE
0,062	0,308	0,002	0,008	0,072	FALSE
-0,035	0,294	-0,003	0,012	0,083	FALSE
0,080	0,301	0,001	0,008	0,058	FALSE
-0,045	0,312	-0,003	0,009	0,119	FALSE
-0,020	0,304	0,001	0,012	0,017	FALSE
0,022	0,312	0,001	0,007	0,028	FALSE
0,043	0,321	0,001	0,008	0,041	FALSE
0,097	0,292	0,002	0,009	0,104	FALSE
-0,126	0,300	-0,003	0,008	0,143	FALSE

0,062	0,315	0,003	0,013	0,081	FALSE
-0,013	0,292	0,000	0,007	0,003	FALSE
-0,102	0,320	-0,003	0,008	0,126	FALSE
0,034	0,298	0,001	0,006	0,041	FALSE
0,129	0,288	0,005	0,012	0,174	FALSE
-0,112	0,310	-0,003	0,009	0,149	FALSE
-0,097	0,314	-0,004	0,009	0,163	FALSE
-0,068	0,301	-0,003	0,011	0,091	FALSE
-0,062	0,310	-0,002	0,011	0,078	FALSE
-0,089	0,310	-0,004	0,011	0,133	FALSE
-0,057	0,302	-0,002	0,011	0,084	FALSE
0,020	0,313	0,000	0,007	0,001	FALSE
0,028	0,315	0,001	0,013	0,024	FALSE
-0,022	0,307	0,000	0,006	0,016	FALSE
-0,102	0,311	-0,003	0,007	0,149	FALSE
0,083	0,300	0,003	0,010	0,113	FALSE
-0,111	0,296	-0,005	0,010	0,219	FALSE
0,015	0,304	0,001	0,012	0,024	FALSE
0,070	0,305	0,001	0,006	0,063	FALSE
0,052	0,311	0,001	0,006	0,068	FALSE
-0,062	0,295	-0,002	0,008	0,100	FALSE
-0,053	0,314	-0,002	0,012	0,060	FALSE
-0,059	0,296	-0,002	0,008	0,089	FALSE
-0,061	0,325	-0,003	0,013	0,089	FALSE
-0,082	0,309	-0,003	0,012	0,106	FALSE
-0,029	0,310	-0,001	0,012	0,035	FALSE
-0,134	0,310	-0,005	0,012	0,171	FALSE
-0,138	0,307	-0,005	0,012	0,174	FALSE
0,153	0,299	0,007	0,012	0,227	FALSE
-0,004	0,309	0,000	0,007	0,017	FALSE
-0,082	0,295	-0,002	0,008	0,093	FALSE
0,050	0,308	0,002	0,007	0,086	FALSE
-0,180	0,299	-0,004	0,006	0,257	FALSE
-0,197	0,296	-0,004	0,006	0,279	FALSE
-0,186	0,304	-0,004	0,007	0,258	FALSE
-0,109	0,300	-0,002	0,007	0,138	FALSE
-0,058	0,307	-0,002	0,012	0,065	FALSE
0,202	0,312	0,007	0,012	0,261	FALSE
-0,080	0,310	-0,003	0,012	0,088	FALSE
0,075	0,289	0,002	0,007	0,103	FALSE
0,032	0,317	0,000	0,010	0,018	FALSE
-0,133	0,308	-0,003	0,007	0,175	FALSE
-0,003	0,313	-0,001	0,013	0,033	FALSE
-0,053	0,302	-0,001	0,013	0,036	FALSE
0,016	0,296	-0,001	0,011	0,018	FALSE
0,031	0,292	0,000	0,011	0,005	FALSE
-0,001	0,298	0,000	0,011	0,008	FALSE
0,022	0,313	0,001	0,011	0,023	FALSE
-0,084	0,304	-0,002	0,013	0,067	FALSE
0,047	0,305	0,000	0,012	0,008	FALSE
0,023	0,319	0,001	0,008	0,051	FALSE
-0,093	0,301	-0,002	0,006	0,154	FALSE
-0,036	0,318	-0,001	0,009	0,049	FALSE

0,049	0,304	0,002	0,010	0,084	FALSE
-0,033	0,312	-0,001	0,008	0,030	FALSE
0,025	0,311	0,001	0,009	0,026	FALSE
-0,020	0,303	0,000	0,008	0,014	FALSE
0,004	0,321	0,000	0,009	0,014	FALSE
0,008	0,317	0,000	0,012	0,003	FALSE
0,073	0,305	0,002	0,011	0,080	FALSE
-0,068	0,307	-0,001	0,008	0,068	FALSE
-0,054	0,310	-0,001	0,011	0,043	FALSE
0,014	0,294	0,000	0,008	0,003	FALSE
0,076	0,303	0,002	0,011	0,086	FALSE
0,134	0,306	0,003	0,007	0,189	FALSE
0,025	0,312	0,000	0,012	0,013	FALSE
-0,016	0,307	0,000	0,007	0,020	FALSE
0,166	0,301	0,004	0,007	0,245	FALSE
0,071	0,299	0,001	0,008	0,069	FALSE
0,063	0,291	0,001	0,007	0,064	FALSE
-0,033	0,315	-0,001	0,007	0,051	FALSE
-0,053	0,306	-0,001	0,009	0,037	FALSE
-0,047	0,302	-0,002	0,011	0,062	FALSE
0,050	0,310	0,002	0,013	0,049	FALSE
0,024	0,303	0,001	0,013	0,020	FALSE
0,060	0,302	0,003	0,013	0,075	FALSE
-0,057	0,301	-0,001	0,006	0,088	FALSE
0,066	0,307	0,004	0,013	0,108	FALSE
-0,069	0,319	-0,002	0,008	0,115	FALSE
0,126	0,291	0,006	0,011	0,233	FALSE
0,099	0,293	0,004	0,008	0,192	FALSE
0,079	0,302	0,003	0,009	0,153	FALSE
0,020	0,311	0,001	0,008	0,031	FALSE
0,029	0,301	0,001	0,011	0,021	FALSE
0,057	0,301	0,002	0,010	0,078	FALSE
0,038	0,313	0,002	0,011	0,060	FALSE
0,044	0,315	0,002	0,011	0,084	FALSE
0,004	0,312	0,000	0,007	0,009	FALSE
0,035	0,318	0,001	0,012	0,024	FALSE
-0,014	0,316	-0,001	0,010	0,018	FALSE
-0,021	0,312	-0,002	0,010	0,055	TRUE
0,046	0,303	0,002	0,012	0,077	FALSE
-0,019	0,319	0,000	0,008	0,015	FALSE
-0,081	0,308	-0,002	0,009	0,068	FALSE
0,063	0,307	0,003	0,012	0,084	FALSE
0,050	0,318	0,001	0,008	0,066	FALSE
-0,089	0,306	-0,002	0,008	0,095	FALSE
-0,038	0,311	0,000	0,009	0,014	FALSE
-0,014	0,304	0,000	0,011	0,002	FALSE
0,060	0,300	0,001	0,008	0,056	FALSE
0,086	0,319	0,002	0,010	0,084	FALSE
0,112	0,310	0,004	0,008	0,173	FALSE
-0,014	0,314	0,000	0,008	0,018	FALSE
-0,167	0,291	-0,004	0,008	0,193	FALSE
-0,028	0,306	-0,002	0,012	0,045	FALSE
-0,076	0,296	-0,003	0,008	0,126	FALSE

0,066	0,291	0,002	0,010	0,065	FALSE
-0,064	0,298	-0,002	0,007	0,093	FALSE
-0,002	0,315	-0,001	0,010	0,031	FALSE
-0,014	0,305	0,000	0,011	0,014	FALSE
0,016	0,300	0,002	0,011	0,050	FALSE
-0,121	0,309	-0,003	0,010	0,145	FALSE
-0,052	0,305	-0,002	0,012	0,064	FALSE
0,141	0,302	0,005	0,011	0,196	FALSE
-0,075	0,328	-0,003	0,010	0,117	FALSE
0,049	0,312	0,001	0,006	0,050	FALSE
0,016	0,309	0,000	0,007	0,002	FALSE
-0,094	0,313	-0,003	0,010	0,110	FALSE
-0,011	0,315	0,000	0,009	0,011	FALSE
-0,014	0,314	0,000	0,010	0,008	FALSE
0,128	0,305	0,004	0,009	0,202	FALSE
0,112	0,289	0,004	0,009	0,181	FALSE
-0,027	0,302	-0,001	0,010	0,051	FALSE
0,064	0,309	0,002	0,009	0,062	FALSE
-0,098	0,322	-0,003	0,012	0,113	FALSE
-0,098	0,319	-0,003	0,012	0,111	FALSE
0,048	0,307	0,001	0,008	0,046	FALSE
0,052	0,289	0,001	0,007	0,071	FALSE
0,035	0,302	0,001	0,011	0,024	FALSE
-0,064	0,290	-0,003	0,008	0,121	FALSE
0,046	0,298	0,001	0,006	0,051	FALSE
-0,035	0,306	-0,001	0,007	0,056	FALSE
0,103	0,293	0,004	0,010	0,181	FALSE
-0,172	0,307	-0,006	0,010	0,251	FALSE
0,012	0,305	0,001	0,012	0,035	FALSE
-0,064	0,293	-0,002	0,012	0,060	FALSE
0,077	0,299	0,002	0,007	0,087	FALSE
0,048	0,311	0,002	0,010	0,067	FALSE
-0,090	0,314	-0,002	0,009	0,099	FALSE
0,048	0,298	0,000	0,008	0,011	FALSE
-0,117	0,314	-0,002	0,007	0,132	FALSE
0,004	0,303	0,000	0,007	0,023	FALSE
-0,039	0,294	-0,001	0,007	0,038	FALSE
-0,029	0,315	-0,002	0,012	0,059	FALSE
0,114	0,309	0,002	0,007	0,136	FALSE
-0,077	0,307	-0,003	0,011	0,107	FALSE
-0,102	0,301	-0,002	0,007	0,135	FALSE
-0,039	0,303	-0,001	0,007	0,061	FALSE
-0,140	0,303	-0,003	0,006	0,176	FALSE
0,090	0,318	0,003	0,010	0,114	FALSE
0,089	0,299	0,003	0,007	0,170	FALSE
0,090	0,304	0,002	0,006	0,158	FALSE
-0,067	0,301	-0,001	0,007	0,081	FALSE
-0,088	0,308	-0,003	0,012	0,095	FALSE
0,095	0,293	0,003	0,011	0,116	FALSE
-0,048	0,315	-0,002	0,012	0,068	FALSE
0,067	0,299	0,001	0,008	0,061	FALSE
0,052	0,310	0,002	0,013	0,065	FALSE
0,132	0,295	0,004	0,009	0,186	FALSE

0,048	0,307	0,001	0,009	0,040	FALSE
0,002	0,314	0,000	0,007	0,018	FALSE
0,014	0,311	0,000	0,007	0,004	FALSE
0,007	0,298	0,001	0,013	0,019	FALSE
0,114	0,305	0,004	0,009	0,169	FALSE
0,050	0,308	0,001	0,008	0,042	FALSE
-0,016	0,316	-0,001	0,009	0,048	FALSE
-0,010	0,307	0,000	0,007	0,017	FALSE
-0,009	0,300	0,000	0,008	0,004	FALSE
-0,002	0,300	0,000	0,009	0,003	FALSE
0,016	0,311	0,001	0,013	0,017	FALSE
-0,067	0,293	-0,001	0,009	0,046	FALSE
-0,104	0,300	-0,002	0,007	0,106	FALSE
0,024	0,305	0,000	0,009	0,012	FALSE
0,015	0,310	0,000	0,009	0,018	FALSE
-0,076	0,308	-0,002	0,012	0,079	FALSE
-0,124	0,307	-0,003	0,008	0,162	FALSE
-0,013	0,307	0,000	0,007	0,024	FALSE
0,035	0,307	0,002	0,010	0,057	FALSE
-0,006	0,323	0,000	0,010	0,006	FALSE
-0,118	0,310	-0,004	0,011	0,151	FALSE
-0,041	0,320	-0,002	0,013	0,063	FALSE
-0,008	0,305	0,000	0,011	0,015	FALSE
0,070	0,297	0,001	0,006	0,071	FALSE
-0,071	0,322	-0,003	0,010	0,099	FALSE
-0,087	0,316	-0,002	0,008	0,106	FALSE
0,147	0,301	0,004	0,009	0,204	FALSE
0,114	0,297	0,003	0,009	0,160	FALSE
0,172	0,290	0,008	0,013	0,264	FALSE
0,011	0,322	0,000	0,009	0,014	FALSE
-0,129	0,304	-0,005	0,012	0,181	FALSE
-0,067	0,307	-0,002	0,008	0,084	FALSE
-0,079	0,298	-0,002	0,007	0,087	FALSE
0,076	0,315	0,002	0,010	0,089	FALSE
0,023	0,302	0,000	0,007	0,005	FALSE
0,008	0,292	0,000	0,009	0,001	FALSE
-0,041	0,297	-0,001	0,010	0,029	FALSE
-0,036	0,319	-0,001	0,010	0,029	FALSE
-0,173	0,305	-0,005	0,009	0,255	FALSE
-0,037	0,309	-0,002	0,012	0,059	FALSE
0,017	0,313	0,000	0,013	0,006	FALSE
-0,064	0,289	-0,002	0,009	0,101	FALSE
-0,054	0,319	-0,003	0,012	0,089	FALSE
0,049	0,322	0,001	0,008	0,048	FALSE
-0,024	0,316	0,000	0,009	0,011	FALSE
0,031	0,304	0,002	0,010	0,072	FALSE
-0,031	0,306	0,000	0,006	0,022	FALSE
-0,089	0,314	-0,003	0,011	0,098	FALSE
-0,008	0,307	0,000	0,010	0,009	FALSE
0,128	0,313	0,003	0,008	0,146	FALSE
0,008	0,303	0,000	0,011	0,012	FALSE
-0,085	0,312	-0,003	0,012	0,105	FALSE
-0,177	0,305	-0,008	0,012	0,279	FALSE

-0,078	0,319	-0,004	0,012	0,115	FALSE
-0,064	0,318	-0,003	0,012	0,086	FALSE
-0,123	0,309	-0,003	0,007	0,139	FALSE
0,091	0,296	0,002	0,008	0,106	FALSE
-0,126	0,308	-0,003	0,006	0,175	FALSE
-0,024	0,317	-0,001	0,007	0,037	FALSE
0,116	0,302	0,003	0,010	0,138	FALSE
-0,007	0,310	0,000	0,008	0,012	FALSE
-0,129	0,304	-0,003	0,007	0,184	FALSE
0,008	0,306	0,000	0,010	0,002	FALSE
0,094	0,299	0,004	0,012	0,140	FALSE
0,060	0,303	0,003	0,011	0,100	FALSE
0,088	0,308	0,002	0,007	0,109	FALSE
0,088	0,310	0,003	0,008	0,123	FALSE
-0,052	0,306	-0,002	0,008	0,076	FALSE
0,064	0,317	0,001	0,007	0,070	FALSE
0,019	0,308	0,000	0,006	0,022	FALSE
-0,009	0,316	0,000	0,009	0,004	FALSE
0,044	0,304	0,001	0,011	0,045	FALSE
0,016	0,304	0,001	0,007	0,028	FALSE
-0,032	0,317	-0,001	0,012	0,040	FALSE
-0,039	0,316	-0,001	0,010	0,051	FALSE
0,013	0,290	0,001	0,010	0,021	FALSE
-0,040	0,297	-0,001	0,012	0,041	FALSE
-0,049	0,315	-0,001	0,008	0,058	FALSE
-0,034	0,299	-0,002	0,013	0,045	FALSE
0,080	0,310	0,003	0,012	0,098	FALSE
0,091	0,309	0,004	0,012	0,125	FALSE
-0,157	0,298	-0,006	0,011	0,233	FALSE
-0,082	0,331	-0,002	0,007	0,095	FALSE
-0,130	0,300	-0,004	0,008	0,178	FALSE
-0,021	0,310	0,000	0,008	0,016	FALSE
0,009	0,301	0,001	0,009	0,039	FALSE
-0,064	0,305	-0,003	0,012	0,086	FALSE
0,092	0,304	0,003	0,008	0,152	FALSE
0,000	0,317	0,000	0,011	0,010	FALSE
-0,062	0,313	-0,001	0,008	0,045	FALSE
0,013	0,307	0,000	0,006	0,007	FALSE
0,007	0,316	0,000	0,010	0,017	FALSE
0,137	0,316	0,003	0,006	0,179	FALSE
0,056	0,298	0,002	0,009	0,084	FALSE
0,024	0,306	0,001	0,012	0,035	FALSE
0,037	0,313	0,002	0,007	0,082	FALSE
-0,140	0,295	-0,006	0,012	0,226	FALSE
-0,064	0,317	-0,003	0,012	0,101	FALSE
0,057	0,304	0,002	0,008	0,077	FALSE
0,020	0,313	0,001	0,008	0,041	FALSE
0,133	0,306	0,003	0,007	0,189	FALSE
0,020	0,289	0,001	0,006	0,039	FALSE
0,127	0,307	0,003	0,007	0,177	FALSE
-0,009	0,300	0,000	0,007	0,021	FALSE
0,030	0,309	0,001	0,007	0,035	FALSE
-0,103	0,312	-0,003	0,010	0,112	FALSE

-0,086	0,310	-0,002	0,010	0,079	FALSE
-0,074	0,318	-0,002	0,007	0,100	FALSE
-0,017	0,301	-0,001	0,012	0,043	FALSE
-0,053	0,315	-0,001	0,008	0,063	FALSE
-0,017	0,301	0,000	0,007	0,006	FALSE
-0,009	0,287	-0,001	0,009	0,023	FALSE
-0,025	0,299	-0,002	0,010	0,068	FALSE
-0,016	0,290	-0,002	0,010	0,064	FALSE
-0,130	0,303	-0,004	0,009	0,203	FALSE
0,001	0,316	0,000	0,007	0,004	FALSE
-0,014	0,314	-0,001	0,008	0,054	FALSE
-0,019	0,320	-0,001	0,009	0,037	FALSE
0,050	0,318	0,001	0,008	0,055	FALSE
-0,059	0,303	-0,001	0,010	0,051	FALSE
0,032	0,292	0,002	0,011	0,078	FALSE
-0,061	0,307	-0,002	0,009	0,072	FALSE
-0,046	0,297	-0,001	0,007	0,032	FALSE
-0,078	0,304	-0,002	0,008	0,123	FALSE
0,068	0,295	0,002	0,012	0,070	FALSE
-0,059	0,304	-0,003	0,012	0,084	FALSE
0,107	0,301	0,004	0,011	0,159	FALSE
-0,004	0,304	0,000	0,010	0,007	FALSE
-0,083	0,311	-0,002	0,007	0,115	FALSE
-0,072	0,316	-0,004	0,013	0,122	FALSE
0,043	0,295	0,002	0,012	0,074	FALSE
-0,025	0,305	-0,002	0,012	0,054	FALSE
-0,014	0,312	0,000	0,010	0,018	FALSE
-0,022	0,309	0,000	0,006	0,005	FALSE
0,068	0,295	0,003	0,012	0,103	FALSE
0,001	0,323	0,001	0,007	0,032	FALSE
0,052	0,315	0,003	0,012	0,101	FALSE
0,065	0,303	0,003	0,012	0,096	FALSE
0,026	0,305	0,001	0,009	0,025	FALSE
-0,134	0,299	-0,003	0,007	0,193	FALSE
-0,080	0,308	-0,001	0,006	0,072	FALSE
-0,015	0,296	-0,001	0,009	0,033	FALSE
0,125	0,306	0,004	0,008	0,180	FALSE
0,189	0,303	0,005	0,008	0,296	FALSE
0,083	0,298	0,003	0,008	0,127	FALSE
-0,108	0,300	-0,003	0,010	0,118	FALSE
-0,060	0,302	-0,001	0,006	0,058	FALSE
-0,064	0,306	-0,001	0,007	0,056	FALSE
0,017	0,309	0,000	0,008	0,016	FALSE
0,054	0,311	0,002	0,011	0,054	FALSE
0,031	0,304	0,001	0,008	0,030	FALSE
0,070	0,315	0,003	0,010	0,118	FALSE
0,141	0,302	0,003	0,006	0,215	FALSE
-0,047	0,307	-0,001	0,007	0,073	FALSE
0,005	0,313	0,001	0,011	0,035	FALSE
0,058	0,306	0,001	0,007	0,079	FALSE
0,069	0,308	0,003	0,012	0,100	FALSE
0,153	0,312	0,005	0,010	0,180	FALSE
0,010	0,312	0,000	0,008	0,004	FALSE

0,004	0,303	0,001	0,012	0,021	FALSE
0,142	0,304	0,005	0,010	0,202	FALSE
-0,038	0,306	-0,001	0,007	0,038	FALSE
0,139	0,301	0,004	0,009	0,195	FALSE
0,044	0,303	0,002	0,010	0,058	FALSE
0,140	0,308	0,005	0,010	0,212	FALSE
-0,018	0,298	-0,001	0,008	0,027	FALSE
-0,098	0,309	-0,003	0,008	0,148	FALSE
0,016	0,309	0,000	0,012	0,000	FALSE
0,124	0,308	0,003	0,007	0,184	FALSE
0,031	0,290	0,002	0,010	0,087	FALSE
-0,012	0,299	-0,001	0,009	0,040	FALSE
-0,074	0,311	-0,002	0,010	0,088	FALSE
0,046	0,302	0,001	0,007	0,080	FALSE
0,089	0,304	0,003	0,009	0,120	FALSE
0,026	0,310	0,001	0,008	0,023	FALSE
0,095	0,307	0,002	0,006	0,118	FALSE
-0,089	0,311	-0,002	0,010	0,088	FALSE
0,039	0,307	0,001	0,011	0,039	FALSE
0,086	0,303	0,003	0,012	0,103	FALSE
0,024	0,304	0,001	0,006	0,039	FALSE
-0,043	0,279	-0,002	0,012	0,065	FALSE
-0,038	0,301	-0,002	0,012	0,059	FALSE
-0,022	0,310	-0,001	0,008	0,026	FALSE
-0,076	0,304	-0,003	0,012	0,086	FALSE
-0,049	0,307	-0,003	0,013	0,104	FALSE
0,038	0,298	0,002	0,008	0,074	FALSE
0,115	0,302	0,002	0,006	0,154	FALSE
-0,164	0,293	-0,004	0,007	0,241	FALSE
-0,001	0,297	0,001	0,009	0,023	FALSE
0,142	0,310	0,004	0,010	0,180	FALSE
0,147	0,300	0,004	0,008	0,220	FALSE
0,077	0,310	0,002	0,009	0,102	FALSE
-0,102	0,314	-0,003	0,012	0,093	FALSE
0,068	0,314	0,002	0,012	0,045	FALSE
-0,080	0,305	-0,001	0,006	0,080	FALSE
0,002	0,307	0,000	0,008	0,021	FALSE
-0,015	0,317	0,000	0,010	0,018	FALSE
0,024	0,295	0,000	0,010	0,014	FALSE
0,073	0,311	0,002	0,010	0,094	FALSE
-0,042	0,293	-0,002	0,011	0,054	FALSE
-0,027	0,311	-0,001	0,012	0,025	FALSE
-0,043	0,307	-0,002	0,012	0,053	FALSE
-0,065	0,307	-0,001	0,007	0,031	FALSE
-0,062	0,323	-0,001	0,006	0,074	FALSE
-0,072	0,302	-0,001	0,006	0,079	FALSE
-0,027	0,307	-0,001	0,010	0,038	FALSE
0,130	0,285	0,004	0,009	0,197	FALSE
0,034	0,299	0,002	0,009	0,066	FALSE
-0,059	0,296	-0,002	0,008	0,093	FALSE
-0,024	0,313	-0,001	0,007	0,034	FALSE
-0,005	0,307	-0,001	0,012	0,028	FALSE
-0,022	0,301	-0,002	0,012	0,054	FALSE

0,030	0,304	0,001	0,012	0,022	FALSE
-0,086	0,321	-0,003	0,009	0,132	FALSE
0,026	0,312	0,000	0,007	0,011	FALSE
0,022	0,309	0,000	0,008	0,015	FALSE
0,032	0,291	0,001	0,006	0,082	FALSE
0,039	0,296	0,001	0,007	0,048	FALSE
0,086	0,293	0,003	0,011	0,126	FALSE
0,028	0,321	0,001	0,010	0,029	FALSE
-0,114	0,313	-0,002	0,008	0,108	FALSE
-0,096	0,306	-0,003	0,010	0,122	FALSE
0,035	0,301	0,001	0,010	0,023	FALSE
0,091	0,324	0,002	0,008	0,115	FALSE
0,012	0,299	0,000	0,007	0,008	FALSE
-0,037	0,310	-0,001	0,007	0,036	FALSE
0,097	0,300	0,002	0,006	0,098	FALSE
-0,032	0,301	0,000	0,006	0,022	FALSE
-0,014	0,304	0,000	0,006	0,000	FALSE
-0,061	0,301	-0,002	0,010	0,085	FALSE
-0,179	0,298	-0,005	0,008	0,280	FALSE
-0,075	0,320	-0,003	0,012	0,095	FALSE
-0,165	0,302	-0,003	0,006	0,210	FALSE
-0,163	0,301	-0,005	0,009	0,224	FALSE
-0,066	0,291	-0,002	0,008	0,104	FALSE
-0,043	0,310	-0,001	0,012	0,026	FALSE
-0,083	0,305	-0,003	0,012	0,083	FALSE
-0,037	0,314	-0,001	0,012	0,017	FALSE
-0,024	0,311	0,000	0,012	0,004	FALSE
-0,059	0,319	-0,002	0,012	0,049	FALSE
-0,113	0,319	-0,003	0,009	0,110	FALSE
-0,041	0,308	-0,002	0,013	0,065	FALSE
-0,243	0,286	-0,009	0,012	0,374	FALSE
0,068	0,308	0,001	0,008	0,058	FALSE
-0,046	0,289	-0,002	0,010	0,070	FALSE
-0,003	0,319	-0,001	0,009	0,029	FALSE
0,031	0,305	0,001	0,006	0,031	FALSE
0,012	0,309	0,001	0,009	0,023	FALSE
-0,120	0,311	-0,005	0,012	0,153	FALSE
-0,001	0,314	0,000	0,012	0,002	FALSE
0,008	0,326	0,000	0,009	0,004	FALSE
-0,071	0,310	-0,002	0,009	0,096	FALSE
-0,023	0,293	-0,001	0,011	0,028	FALSE
-0,039	0,303	-0,001	0,006	0,032	FALSE
0,044	0,307	0,001	0,010	0,042	FALSE
-0,041	0,303	-0,002	0,012	0,052	FALSE
0,041	0,312	0,000	0,007	0,024	FALSE
0,021	0,309	0,001	0,012	0,021	FALSE
-0,020	0,309	0,000	0,007	0,011	FALSE
0,047	0,298	0,001	0,008	0,067	FALSE
0,125	0,312	0,004	0,011	0,139	FALSE
-0,121	0,308	-0,003	0,008	0,164	FALSE
0,003	0,318	0,000	0,007	0,016	FALSE
0,045	0,310	0,001	0,006	0,071	FALSE
0,052	0,318	0,002	0,012	0,068	FALSE

0,081	0,305	0,003	0,010	0,097	FALSE
0,093	0,314	0,003	0,011	0,111	FALSE
-0,002	0,302	0,000	0,013	0,009	FALSE
-0,018	0,306	-0,001	0,012	0,017	FALSE
-0,131	0,301	-0,003	0,008	0,166	FALSE
0,024	0,301	0,000	0,009	0,015	FALSE
0,068	0,309	0,003	0,011	0,094	FALSE
-0,032	0,296	0,000	0,010	0,018	FALSE
-0,068	0,310	-0,002	0,008	0,083	FALSE
-0,080	0,299	-0,002	0,008	0,118	FALSE
0,226	0,281	0,006	0,007	0,355	FALSE
0,068	0,300	0,002	0,010	0,059	FALSE
0,048	0,314	0,001	0,012	0,044	FALSE
0,000	0,314	-0,001	0,011	0,028	FALSE
-0,033	0,296	-0,002	0,012	0,058	FALSE
0,032	0,303	0,000	0,007	0,026	FALSE
0,072	0,309	0,001	0,007	0,059	FALSE
0,148	0,310	0,005	0,011	0,182	FALSE
-0,097	0,304	-0,002	0,008	0,113	FALSE
-0,012	0,305	-0,001	0,008	0,023	FALSE
0,034	0,315	0,002	0,010	0,059	FALSE
-0,058	0,301	-0,001	0,007	0,066	FALSE
-0,108	0,310	-0,003	0,012	0,099	FALSE
-0,077	0,304	-0,004	0,012	0,126	FALSE
-0,090	0,299	-0,001	0,007	0,069	FALSE
-0,118	0,305	-0,004	0,010	0,186	FALSE
-0,018	0,307	-0,002	0,011	0,050	FALSE
-0,133	0,311	-0,004	0,009	0,172	FALSE
-0,019	0,304	-0,002	0,012	0,053	FALSE
0,002	0,310	0,000	0,008	0,012	FALSE
-0,055	0,301	-0,001	0,008	0,062	FALSE
-0,088	0,321	-0,002	0,008	0,089	FALSE
-0,019	0,300	-0,001	0,009	0,041	FALSE
-0,060	0,308	-0,002	0,010	0,072	FALSE
-0,031	0,317	-0,001	0,011	0,049	FALSE
-0,008	0,310	0,000	0,011	0,014	FALSE
-0,013	0,306	-0,001	0,010	0,022	FALSE
0,043	0,319	0,001	0,011	0,032	FALSE
-0,045	0,315	-0,002	0,010	0,085	FALSE
-0,038	0,305	-0,001	0,007	0,055	FALSE
-0,026	0,306	-0,002	0,010	0,065	FALSE
-0,005	0,297	-0,001	0,012	0,017	FALSE
0,068	0,306	0,002	0,008	0,114	FALSE
-0,092	0,316	-0,002	0,006	0,106	FALSE
0,020	0,311	0,001	0,007	0,033	FALSE
0,018	0,305	0,000	0,007	0,018	FALSE
0,064	0,298	0,002	0,007	0,085	FALSE
0,060	0,317	0,002	0,008	0,086	FALSE
0,005	0,325	0,000	0,013	0,010	FALSE
0,065	0,306	0,001	0,006	0,089	FALSE
0,042	0,317	0,000	0,007	0,027	FALSE
-0,167	0,306	-0,004	0,007	0,195	FALSE
-0,069	0,312	-0,002	0,006	0,103	FALSE

-0,070	0,325	-0,001	0,007	0,069	FALSE
-0,079	0,298	-0,002	0,008	0,125	FALSE
-0,046	0,313	-0,001	0,007	0,059	FALSE
-0,008	0,296	0,000	0,009	0,005	FALSE
-0,002	0,305	-0,001	0,007	0,028	FALSE
-0,078	0,314	-0,002	0,009	0,079	FALSE
-0,010	0,297	0,000	0,009	0,007	FALSE
0,169	0,307	0,005	0,009	0,227	FALSE
0,046	0,312	0,002	0,011	0,075	FALSE
0,019	0,303	0,001	0,010	0,028	FALSE
-0,048	0,304	-0,001	0,009	0,034	FALSE
-0,055	0,310	-0,002	0,009	0,089	FALSE
-0,012	0,311	0,000	0,011	0,006	FALSE
-0,030	0,304	-0,002	0,009	0,067	FALSE
-0,036	0,301	-0,001	0,007	0,025	FALSE
0,047	0,311	0,002	0,010	0,056	FALSE
-0,067	0,307	-0,002	0,012	0,061	FALSE
-0,045	0,302	-0,001	0,007	0,053	FALSE
0,027	0,302	0,001	0,007	0,034	FALSE
-0,022	0,320	-0,001	0,012	0,021	FALSE
-0,120	0,301	-0,003	0,007	0,149	FALSE
-0,025	0,314	-0,001	0,009	0,037	FALSE
-0,096	0,307	-0,002	0,007	0,111	FALSE
0,028	0,313	0,000	0,011	0,001	FALSE
0,031	0,310	0,001	0,012	0,039	FALSE
-0,053	0,302	-0,003	0,012	0,091	FALSE
-0,113	0,308	-0,004	0,010	0,141	FALSE
-0,071	0,311	-0,002	0,010	0,061	FALSE
0,025	0,304	0,000	0,008	0,014	FALSE
0,009	0,317	0,000	0,013	0,005	FALSE
-0,007	0,305	0,000	0,012	0,003	FALSE
-0,020	0,321	0,000	0,012	0,011	FALSE
-0,004	0,311	0,000	0,013	0,006	FALSE
0,012	0,314	0,000	0,012	0,013	FALSE
-0,016	0,322	-0,001	0,013	0,021	FALSE
-0,010	0,309	-0,001	0,013	0,014	FALSE
0,023	0,308	0,000	0,012	0,005	FALSE
-0,085	0,306	-0,002	0,009	0,102	FALSE
-0,014	0,307	0,000	0,010	0,006	FALSE
0,058	0,310	0,003	0,013	0,090	FALSE
-0,012	0,308	-0,001	0,009	0,059	FALSE
-0,089	0,306	-0,004	0,010	0,158	FALSE
-0,146	0,296	-0,004	0,009	0,205	FALSE
0,089	0,303	0,002	0,007	0,137	FALSE
-0,046	0,314	-0,002	0,012	0,045	FALSE
-0,018	0,325	0,000	0,010	0,007	FALSE
-0,004	0,306	0,000	0,011	0,005	FALSE
0,034	0,304	0,001	0,006	0,032	FALSE
0,024	0,314	0,001	0,011	0,025	FALSE
-0,003	0,308	0,000	0,007	0,002	FALSE
0,024	0,296	0,001	0,009	0,031	FALSE
0,127	0,300	0,003	0,006	0,183	FALSE
-0,094	0,292	-0,002	0,007	0,112	FALSE

-0,124	0,295	-0,003	0,007	0,166	FALSE
-0,095	0,317	-0,002	0,007	0,123	FALSE
-0,041	0,306	-0,001	0,008	0,056	FALSE
-0,088	0,295	-0,005	0,012	0,176	FALSE
0,072	0,302	0,004	0,012	0,125	FALSE
0,035	0,294	0,000	0,007	0,006	FALSE
-0,135	0,307	-0,004	0,009	0,174	FALSE
-0,014	0,291	0,000	0,011	0,001	FALSE
0,062	0,297	0,003	0,011	0,115	FALSE
0,062	0,306	0,002	0,008	0,101	FALSE
-0,046	0,300	-0,001	0,007	0,071	FALSE
-0,082	0,309	-0,001	0,006	0,080	FALSE
-0,082	0,304	-0,002	0,008	0,088	FALSE
-0,109	0,319	-0,003	0,009	0,139	FALSE
-0,112	0,304	-0,003	0,007	0,151	FALSE
0,203	0,300	0,006	0,008	0,323	FALSE
-0,144	0,304	-0,004	0,007	0,198	FALSE
0,079	0,319	0,002	0,013	0,069	FALSE
-0,143	0,316	-0,004	0,010	0,163	FALSE
0,021	0,320	0,000	0,008	0,002	FALSE
-0,024	0,306	0,000	0,008	0,018	FALSE
0,143	0,301	0,004	0,009	0,205	FALSE
0,146	0,303	0,004	0,008	0,187	FALSE
0,031	0,323	0,002	0,012	0,058	FALSE
-0,121	0,300	-0,003	0,008	0,167	FALSE
-0,059	0,304	-0,002	0,011	0,064	FALSE
-0,008	0,310	-0,001	0,011	0,017	FALSE
-0,070	0,309	-0,003	0,011	0,104	FALSE
0,039	0,320	0,001	0,010	0,028	FALSE
0,066	0,303	0,003	0,009	0,109	FALSE
-0,147	0,308	-0,005	0,011	0,191	FALSE
0,064	0,324	0,002	0,008	0,075	FALSE
0,015	0,315	0,001	0,012	0,035	FALSE
-0,121	0,314	-0,004	0,009	0,156	FALSE
0,065	0,306	0,003	0,010	0,104	FALSE
0,068	0,306	0,002	0,011	0,060	FALSE
-0,033	0,325	0,000	0,012	0,008	FALSE
-0,066	0,308	-0,002	0,010	0,089	FALSE
0,033	0,292	0,001	0,006	0,040	FALSE
0,108	0,304	0,003	0,008	0,136	FALSE
0,011	0,301	0,001	0,008	0,033	FALSE
0,082	0,305	0,002	0,006	0,118	FALSE
-0,033	0,310	-0,001	0,010	0,044	FALSE
-0,026	0,304	-0,001	0,012	0,028	FALSE
-0,023	0,317	-0,001	0,013	0,014	FALSE
-0,001	0,296	0,000	0,012	0,006	FALSE
0,073	0,293	0,002	0,008	0,110	FALSE
-0,207	0,284	-0,009	0,012	0,357	FALSE
-0,197	0,284	-0,009	0,012	0,329	FALSE
-0,018	0,299	0,000	0,006	0,019	FALSE
-0,109	0,297	-0,002	0,006	0,136	FALSE
0,035	0,291	0,001	0,012	0,027	FALSE
-0,015	0,312	0,000	0,009	0,007	FALSE

-0,035	0,304	-0,001	0,006	0,033	FALSE
-0,145	0,283	-0,005	0,011	0,214	FALSE
0,120	0,316	0,003	0,010	0,127	FALSE
-0,181	0,301	-0,004	0,008	0,235	FALSE
-0,022	0,306	0,000	0,011	0,013	FALSE
-0,024	0,304	0,000	0,007	0,020	FALSE
0,030	0,320	0,002	0,010	0,060	FALSE
0,004	0,312	0,000	0,009	0,006	FALSE
0,017	0,306	0,001	0,008	0,035	FALSE
0,013	0,291	0,002	0,013	0,054	FALSE
0,126	0,313	0,003	0,007	0,204	FALSE
0,021	0,306	0,001	0,008	0,025	FALSE
0,058	0,289	0,003	0,011	0,102	FALSE
0,042	0,302	0,001	0,012	0,043	FALSE
-0,096	0,301	-0,004	0,012	0,135	FALSE
-0,067	0,285	-0,002	0,011	0,081	FALSE
0,057	0,322	0,002	0,011	0,064	FALSE
0,028	0,307	0,001	0,009	0,040	FALSE
-0,028	0,306	-0,001	0,007	0,073	FALSE
-0,034	0,300	-0,002	0,011	0,084	FALSE
-0,032	0,316	-0,002	0,012	0,066	FALSE
0,040	0,309	0,001	0,006	0,037	FALSE
0,072	0,293	0,002	0,007	0,136	FALSE
-0,079	0,312	-0,003	0,010	0,127	FALSE
-0,058	0,314	-0,002	0,011	0,055	FALSE
0,070	0,315	0,001	0,006	0,037	FALSE
-0,036	0,308	-0,001	0,007	0,057	FALSE
-0,010	0,303	0,000	0,006	0,021	FALSE
0,047	0,303	0,001	0,006	0,050	FALSE
-0,108	0,298	-0,002	0,006	0,140	FALSE
0,046	0,311	0,002	0,011	0,060	FALSE
-0,037	0,303	-0,001	0,012	0,031	FALSE
-0,112	0,314	-0,002	0,007	0,141	FALSE
0,012	0,319	0,000	0,007	0,008	FALSE
0,092	0,300	0,003	0,012	0,107	FALSE
0,093	0,306	0,004	0,010	0,160	FALSE
-0,052	0,295	-0,002	0,009	0,098	FALSE
-0,106	0,304	-0,004	0,009	0,174	FALSE
0,126	0,302	0,003	0,007	0,204	FALSE
-0,107	0,300	-0,003	0,007	0,169	FALSE
0,054	0,306	0,002	0,010	0,077	FALSE
-0,082	0,301	-0,002	0,008	0,118	FALSE
0,001	0,317	-0,001	0,011	0,035	FALSE
-0,029	0,313	-0,001	0,010	0,028	FALSE
-0,153	0,300	-0,003	0,007	0,205	FALSE
-0,021	0,314	-0,001	0,010	0,019	FALSE
-0,041	0,307	-0,002	0,010	0,057	FALSE
-0,039	0,303	-0,002	0,011	0,063	FALSE
-0,039	0,302	-0,002	0,011	0,064	FALSE
0,136	0,300	0,005	0,012	0,161	FALSE
0,093	0,307	0,003	0,012	0,108	FALSE
0,027	0,299	0,001	0,010	0,036	FALSE
0,002	0,323	0,000	0,011	0,001	FALSE

0,004	0,324	0,001	0,009	0,026	FALSE
0,032	0,304	0,001	0,008	0,067	FALSE
0,016	0,312	0,001	0,013	0,037	FALSE
0,073	0,308	0,003	0,010	0,101	FALSE
-0,045	0,309	-0,001	0,007	0,069	FALSE
-0,065	0,301	-0,002	0,010	0,091	FALSE
-0,042	0,299	-0,001	0,012	0,029	FALSE
0,015	0,306	0,001	0,010	0,025	FALSE
-0,007	0,318	0,000	0,007	0,003	FALSE
0,037	0,302	0,001	0,006	0,052	FALSE
-0,134	0,302	-0,004	0,009	0,181	FALSE
-0,138	0,303	-0,004	0,009	0,175	FALSE
0,116	0,303	0,003	0,009	0,155	FALSE
-0,058	0,311	-0,001	0,009	0,058	FALSE
-0,037	0,304	-0,002	0,012	0,048	FALSE
0,086	0,303	0,003	0,008	0,134	FALSE
-0,057	0,307	-0,001	0,008	0,067	FALSE
-0,083	0,303	-0,002	0,009	0,077	FALSE
0,053	0,310	0,002	0,012	0,059	FALSE
-0,159	0,302	-0,007	0,013	0,217	FALSE
-0,009	0,311	0,000	0,010	0,014	FALSE
-0,016	0,300	0,000	0,006	0,013	FALSE
0,047	0,325	0,001	0,010	0,049	FALSE
0,120	0,313	0,002	0,007	0,145	FALSE
0,055	0,294	0,002	0,007	0,109	FALSE
-0,189	0,285	-0,006	0,009	0,332	FALSE
-0,048	0,307	-0,002	0,008	0,103	FALSE
0,139	0,298	0,006	0,012	0,192	FALSE
0,202	0,302	0,007	0,010	0,312	FALSE
-0,004	0,307	0,000	0,008	0,008	FALSE
0,136	0,299	0,005	0,012	0,180	FALSE
0,009	0,308	0,000	0,007	0,009	FALSE
-0,048	0,318	-0,002	0,011	0,061	FALSE
0,062	0,312	0,001	0,006	0,084	FALSE
0,078	0,303	0,002	0,006	0,110	FALSE
0,108	0,299	0,003	0,012	0,104	FALSE
-0,016	0,316	-0,001	0,010	0,019	FALSE
-0,041	0,304	-0,003	0,012	0,086	FALSE
-0,043	0,308	0,000	0,010	0,009	FALSE
0,039	0,293	0,002	0,009	0,077	FALSE
0,020	0,307	0,000	0,009	0,008	FALSE
0,060	0,301	0,001	0,007	0,061	FALSE
0,002	0,310	0,000	0,007	0,023	FALSE
0,045	0,306	0,001	0,012	0,031	FALSE
0,064	0,303	0,002	0,012	0,054	FALSE
-0,075	0,314	-0,003	0,013	0,098	FALSE
0,046	0,311	0,001	0,012	0,033	FALSE
0,007	0,314	0,000	0,010	0,003	FALSE
0,052	0,310	0,001	0,006	0,059	FALSE
-0,031	0,311	-0,001	0,009	0,043	FALSE
-0,007	0,311	0,000	0,009	0,017	FALSE
0,046	0,294	0,001	0,007	0,040	FALSE
-0,013	0,297	0,000	0,011	0,004	FALSE

0,056	0,311	0,001	0,008	0,042	FALSE
-0,061	0,304	-0,001	0,006	0,082	FALSE
0,051	0,311	0,003	0,013	0,083	FALSE
0,067	0,301	0,004	0,012	0,118	FALSE
0,095	0,291	0,004	0,010	0,170	FALSE
0,011	0,301	0,000	0,009	0,004	FALSE
-0,013	0,306	0,000	0,006	0,005	FALSE
-0,122	0,315	-0,004	0,010	0,145	FALSE
0,027	0,307	0,002	0,012	0,052	FALSE
0,077	0,320	0,002	0,012	0,075	FALSE
-0,007	0,302	0,000	0,009	0,001	FALSE
0,006	0,297	-0,001	0,011	0,030	FALSE
-0,025	0,297	-0,001	0,008	0,058	FALSE
-0,001	0,298	-0,001	0,010	0,024	FALSE
-0,091	0,309	-0,002	0,008	0,117	FALSE
-0,039	0,305	-0,002	0,011	0,056	FALSE
-0,057	0,302	-0,002	0,008	0,099	FALSE
-0,095	0,310	-0,003	0,008	0,158	FALSE
0,009	0,303	0,000	0,006	0,027	FALSE
-0,128	0,297	-0,006	0,011	0,238	FALSE
-0,052	0,300	-0,002	0,010	0,075	FALSE
0,012	0,303	0,000	0,006	0,025	FALSE
-0,062	0,308	-0,001	0,006	0,061	FALSE
-0,051	0,296	-0,002	0,007	0,087	FALSE
-0,077	0,302	-0,001	0,006	0,074	FALSE
-0,139	0,305	-0,004	0,011	0,164	FALSE
-0,091	0,310	-0,003	0,011	0,107	FALSE
-0,126	0,303	-0,005	0,012	0,176	FALSE
0,028	0,304	0,000	0,006	0,016	FALSE
-0,027	0,319	-0,001	0,009	0,035	FALSE
-0,143	0,301	-0,004	0,010	0,193	FALSE
-0,018	0,311	0,000	0,010	0,002	FALSE
-0,040	0,293	0,000	0,008	0,021	FALSE
0,146	0,296	0,004	0,007	0,205	FALSE
-0,080	0,299	-0,003	0,012	0,079	FALSE
0,065	0,308	0,001	0,007	0,044	FALSE
0,069	0,302	0,002	0,008	0,073	FALSE
0,091	0,308	0,002	0,006	0,142	FALSE
-0,091	0,301	-0,002	0,009	0,098	FALSE
-0,020	0,300	-0,001	0,006	0,032	FALSE
-0,058	0,295	-0,001	0,008	0,062	FALSE
0,043	0,307	0,001	0,011	0,047	FALSE
0,003	0,295	0,000	0,006	0,018	FALSE
0,017	0,293	0,000	0,007	0,005	FALSE
0,084	0,300	0,004	0,012	0,124	FALSE
-0,045	0,307	-0,002	0,011	0,059	FALSE
-0,057	0,301	-0,001	0,006	0,074	FALSE
0,100	0,286	0,005	0,012	0,169	FALSE
0,110	0,308	0,005	0,012	0,166	FALSE
-0,044	0,302	0,000	0,011	0,015	FALSE
0,080	0,314	0,002	0,009	0,092	FALSE
-0,079	0,317	-0,001	0,007	0,080	FALSE
-0,107	0,298	-0,003	0,008	0,143	FALSE

-0,020	0,308	-0,002	0,010	0,059	FALSE
0,000	0,320	0,000	0,011	0,016	FALSE
-0,056	0,302	-0,001	0,008	0,040	FALSE
0,052	0,303	0,001	0,010	0,042	FALSE
0,100	0,298	0,004	0,009	0,189	FALSE
0,018	0,318	0,000	0,007	0,023	FALSE
0,051	0,306	0,002	0,011	0,073	FALSE
-0,203	0,297	-0,006	0,009	0,281	FALSE
0,039	0,306	0,003	0,012	0,078	FALSE
-0,029	0,313	-0,001	0,009	0,026	FALSE
-0,032	0,302	0,000	0,008	0,017	FALSE
0,108	0,309	0,006	0,013	0,193	FALSE
-0,036	0,297	-0,001	0,009	0,048	FALSE
0,037	0,323	0,002	0,012	0,072	FALSE
0,033	0,308	0,003	0,011	0,086	FALSE
-0,022	0,325	-0,001	0,007	0,030	FALSE
-0,003	0,311	0,000	0,010	0,005	FALSE
0,006	0,293	0,001	0,011	0,032	FALSE
-0,035	0,307	-0,001	0,007	0,030	FALSE
0,019	0,310	0,000	0,010	0,008	FALSE
0,010	0,320	0,000	0,010	0,003	FALSE
0,014	0,306	0,000	0,010	0,009	FALSE
-0,036	0,304	-0,001	0,008	0,050	FALSE
0,007	0,323	-0,001	0,011	0,023	FALSE
-0,064	0,304	-0,001	0,007	0,067	FALSE
0,091	0,298	0,002	0,006	0,161	FALSE
0,109	0,306	0,002	0,008	0,121	FALSE
-0,022	0,302	-0,001	0,012	0,041	FALSE
0,027	0,310	0,001	0,011	0,037	FALSE
0,031	0,293	0,001	0,010	0,041	FALSE
-0,099	0,302	-0,002	0,009	0,084	FALSE
-0,001	0,322	0,000	0,008	0,007	FALSE
0,001	0,302	0,000	0,008	0,001	FALSE
-0,012	0,307	-0,001	0,013	0,015	FALSE
0,131	0,304	0,007	0,012	0,229	FALSE
-0,071	0,305	-0,002	0,008	0,078	FALSE
-0,040	0,305	-0,002	0,011	0,061	FALSE
-0,119	0,308	-0,003	0,009	0,152	FALSE
0,009	0,305	0,001	0,011	0,048	FALSE
0,051	0,299	0,000	0,006	0,027	FALSE
-0,120	0,298	-0,005	0,012	0,187	FALSE
0,038	0,292	0,001	0,010	0,044	FALSE
0,047	0,311	0,001	0,007	0,070	FALSE
-0,105	0,297	-0,003	0,011	0,115	FALSE
-0,010	0,300	0,000	0,011	0,008	FALSE
0,094	0,307	0,003	0,009	0,115	FALSE
0,093	0,291	0,003	0,012	0,094	FALSE
-0,082	0,306	-0,002	0,010	0,063	FALSE
-0,053	0,323	-0,001	0,007	0,073	FALSE
0,073	0,308	0,001	0,010	0,044	FALSE
0,049	0,317	0,002	0,011	0,067	FALSE
-0,097	0,302	-0,004	0,013	0,108	FALSE
0,063	0,302	0,001	0,007	0,048	FALSE

0,033	0,303	0,001	0,013	0,024	FALSE
0,028	0,306	0,000	0,007	0,023	FALSE
0,081	0,300	0,003	0,012	0,095	FALSE
-0,084	0,307	-0,003	0,012	0,081	FALSE
0,022	0,302	0,001	0,008	0,024	FALSE
0,027	0,319	0,001	0,013	0,031	FALSE
-0,030	0,296	-0,001	0,011	0,033	FALSE
-0,116	0,305	-0,005	0,012	0,181	FALSE
-0,108	0,312	-0,005	0,012	0,158	FALSE
0,103	0,290	0,002	0,006	0,167	FALSE
0,087	0,299	0,002	0,006	0,136	FALSE
0,077	0,291	0,003	0,007	0,144	FALSE
0,059	0,294	0,001	0,008	0,051	FALSE
0,064	0,304	0,001	0,009	0,040	FALSE
0,016	0,313	0,000	0,008	0,016	FALSE
0,001	0,306	-0,001	0,010	0,038	FALSE
0,005	0,300	-0,001	0,010	0,040	FALSE
-0,011	0,309	0,000	0,012	0,005	FALSE
0,015	0,312	0,001	0,007	0,030	FALSE
-0,037	0,303	-0,001	0,007	0,032	FALSE
-0,148	0,290	-0,004	0,008	0,190	FALSE
-0,142	0,298	-0,003	0,008	0,175	FALSE
0,071	0,302	0,002	0,008	0,097	FALSE
-0,023	0,319	-0,001	0,007	0,033	FALSE
0,014	0,314	0,000	0,007	0,007	FALSE
0,075	0,302	0,001	0,006	0,061	FALSE
-0,081	0,320	-0,002	0,009	0,083	FALSE
-0,073	0,302	-0,002	0,007	0,089	FALSE
-0,037	0,303	-0,002	0,012	0,061	FALSE
0,022	0,300	0,001	0,006	0,056	FALSE
-0,022	0,324	0,000	0,009	0,008	FALSE
0,121	0,300	0,004	0,010	0,140	FALSE
-0,036	0,317	-0,001	0,010	0,035	FALSE
0,036	0,304	0,001	0,009	0,021	FALSE
-0,013	0,315	-0,001	0,008	0,059	FALSE
0,011	0,324	0,000	0,007	0,012	FALSE
0,046	0,296	0,001	0,009	0,046	FALSE
-0,040	0,312	-0,001	0,006	0,061	FALSE
0,123	0,292	0,005	0,010	0,191	FALSE
0,098	0,311	0,003	0,009	0,143	FALSE
-0,077	0,304	-0,002	0,007	0,079	FALSE
-0,033	0,287	-0,001	0,010	0,050	FALSE
0,025	0,309	0,000	0,008	0,019	FALSE
-0,101	0,310	-0,003	0,009	0,142	FALSE
0,040	0,309	0,001	0,007	0,055	FALSE
0,006	0,303	0,001	0,012	0,017	FALSE
0,051	0,316	0,001	0,007	0,075	FALSE
-0,001	0,296	0,001	0,011	0,026	FALSE
-0,113	0,308	-0,003	0,008	0,130	FALSE
0,055	0,315	0,001	0,008	0,063	FALSE
-0,079	0,280	-0,003	0,012	0,097	FALSE
0,006	0,302	0,000	0,008	0,014	FALSE
-0,089	0,296	-0,004	0,012	0,123	FALSE

-0,074	0,300	-0,003	0,011	0,115	FALSE
-0,078	0,306	-0,002	0,009	0,094	FALSE
-0,072	0,313	-0,002	0,009	0,074	FALSE
-0,076	0,303	-0,004	0,011	0,151	FALSE
-0,037	0,303	0,000	0,009	0,014	FALSE
0,184	0,290	0,004	0,006	0,257	FALSE
-0,083	0,312	-0,003	0,011	0,115	FALSE
-0,020	0,314	0,000	0,013	0,013	FALSE
-0,041	0,306	-0,002	0,008	0,075	FALSE
-0,008	0,310	0,000	0,008	0,017	FALSE
0,090	0,307	0,004	0,012	0,131	FALSE
0,006	0,289	0,000	0,011	0,012	FALSE
0,135	0,310	0,004	0,011	0,164	FALSE
0,080	0,319	0,001	0,008	0,064	FALSE
-0,139	0,307	-0,005	0,011	0,186	FALSE
0,017	0,305	0,001	0,008	0,029	FALSE
0,130	0,310	0,005	0,010	0,186	FALSE
0,102	0,311	0,004	0,012	0,123	FALSE
0,079	0,316	0,003	0,013	0,105	FALSE
0,149	0,289	0,006	0,010	0,258	FALSE
0,071	0,287	0,003	0,009	0,125	FALSE
0,020	0,308	0,001	0,010	0,027	FALSE
0,051	0,316	0,001	0,007	0,046	FALSE
0,026	0,315	0,001	0,008	0,039	FALSE
0,021	0,302	0,001	0,012	0,023	FALSE
0,077	0,299	0,003	0,012	0,082	FALSE
0,034	0,313	0,002	0,010	0,070	FALSE
0,119	0,313	0,004	0,011	0,135	FALSE
-0,073	0,303	-0,003	0,012	0,080	FALSE
0,019	0,315	0,001	0,008	0,024	FALSE
-0,151	0,303	-0,005	0,010	0,200	FALSE
-0,031	0,312	-0,002	0,010	0,055	FALSE
0,050	0,305	0,003	0,012	0,084	FALSE
-0,075	0,302	-0,003	0,012	0,112	FALSE
-0,183	0,310	-0,004	0,007	0,241	FALSE
-0,086	0,317	-0,002	0,007	0,100	FALSE
-0,029	0,326	-0,001	0,008	0,053	FALSE
-0,047	0,307	-0,002	0,008	0,076	FALSE
-0,062	0,310	-0,002	0,008	0,109	FALSE
-0,063	0,294	-0,001	0,007	0,055	FALSE
0,166	0,304	0,007	0,012	0,231	FALSE
-0,017	0,313	-0,001	0,010	0,031	FALSE
-0,131	0,315	-0,004	0,010	0,168	FALSE
0,174	0,298	0,006	0,012	0,238	FALSE
-0,058	0,298	-0,001	0,007	0,075	FALSE
0,054	0,305	0,001	0,010	0,036	FALSE
-0,077	0,302	-0,002	0,010	0,075	FALSE
0,053	0,313	0,001	0,007	0,080	FALSE
0,106	0,311	0,004	0,012	0,146	FALSE
0,144	0,299	0,006	0,012	0,211	FALSE
0,062	0,319	0,002	0,008	0,074	FALSE
0,079	0,308	0,004	0,011	0,126	FALSE
0,072	0,307	0,001	0,006	0,081	FALSE

0,025	0,311	0,001	0,007	0,037	FALSE
-0,053	0,303	-0,002	0,013	0,050	FALSE
0,008	0,317	0,000	0,008	0,006	FALSE
0,054	0,317	0,001	0,007	0,066	FALSE
-0,097	0,310	-0,002	0,009	0,097	FALSE
0,070	0,318	0,004	0,012	0,113	FALSE
-0,010	0,304	-0,001	0,009	0,045	FALSE
-0,028	0,302	-0,002	0,012	0,068	FALSE
0,083	0,312	0,002	0,008	0,071	FALSE
0,016	0,323	0,001	0,007	0,032	FALSE
0,048	0,317	0,001	0,007	0,054	FALSE
0,034	0,312	0,001	0,007	0,053	FALSE
0,032	0,298	0,001	0,009	0,064	FALSE
0,092	0,320	0,003	0,008	0,137	FALSE
0,080	0,295	0,003	0,012	0,099	FALSE
0,040	0,318	0,001	0,007	0,038	FALSE
0,014	0,303	0,000	0,007	0,003	FALSE
0,005	0,306	0,000	0,008	0,018	FALSE
0,009	0,324	0,000	0,007	0,001	FALSE
-0,073	0,301	-0,002	0,007	0,116	FALSE
-0,026	0,298	-0,001	0,011	0,028	FALSE
0,036	0,304	0,001	0,011	0,049	FALSE
-0,025	0,317	0,000	0,007	0,019	FALSE
0,103	0,314	0,003	0,008	0,163	FALSE
-0,002	0,306	0,000	0,011	0,007	FALSE
0,067	0,288	0,001	0,008	0,042	FALSE
0,009	0,305	-0,001	0,012	0,027	FALSE
-0,035	0,313	-0,001	0,007	0,039	FALSE
-0,031	0,301	-0,001	0,012	0,034	FALSE
-0,021	0,313	-0,001	0,009	0,037	FALSE
0,119	0,313	0,003	0,012	0,111	FALSE
-0,138	0,310	-0,006	0,012	0,196	FALSE
0,003	0,304	0,000	0,009	0,017	FALSE
-0,080	0,299	-0,002	0,008	0,095	FALSE
-0,024	0,307	0,000	0,007	0,011	FALSE
0,157	0,297	0,005	0,008	0,240	FALSE
0,021	0,317	0,001	0,008	0,037	FALSE
0,116	0,299	0,004	0,011	0,154	FALSE
-0,021	0,311	-0,001	0,008	0,057	FALSE
-0,143	0,291	-0,005	0,010	0,194	FALSE
-0,155	0,305	-0,006	0,011	0,226	FALSE
-0,081	0,321	-0,002	0,007	0,109	FALSE
-0,059	0,301	-0,002	0,007	0,090	FALSE
0,269	0,309	0,009	0,010	0,414	FALSE
0,084	0,307	0,002	0,007	0,094	FALSE
-0,096	0,322	-0,004	0,013	0,119	FALSE
0,017	0,307	0,000	0,009	0,019	FALSE
0,074	0,309	0,003	0,011	0,116	FALSE
0,081	0,306	0,004	0,013	0,112	FALSE
-0,096	0,295	-0,004	0,009	0,174	FALSE
-0,076	0,298	-0,002	0,008	0,080	FALSE
-0,072	0,294	-0,001	0,007	0,078	FALSE
-0,001	0,312	0,000	0,012	0,009	FALSE

-0,019	0,321	0,000	0,010	0,015	FALSE
-0,075	0,315	-0,002	0,012	0,067	FALSE
-0,031	0,291	-0,001	0,010	0,050	FALSE
0,004	0,292	0,000	0,008	0,010	FALSE
-0,022	0,306	0,000	0,006	0,022	FALSE
-0,163	0,301	-0,006	0,010	0,235	FALSE
-0,141	0,305	-0,005	0,010	0,199	FALSE
-0,106	0,308	-0,004	0,012	0,128	FALSE
-0,012	0,310	0,000	0,013	0,001	FALSE
0,019	0,300	0,001	0,012	0,036	FALSE
-0,026	0,305	-0,001	0,008	0,035	FALSE
-0,009	0,299	0,000	0,007	0,007	FALSE
0,028	0,315	0,001	0,007	0,038	FALSE
-0,054	0,306	-0,002	0,012	0,050	FALSE
0,137	0,304	0,003	0,008	0,156	FALSE
-0,059	0,309	-0,001	0,010	0,047	FALSE
0,009	0,311	0,000	0,012	0,008	FALSE
-0,130	0,313	-0,004	0,009	0,184	FALSE
0,161	0,308	0,006	0,012	0,196	FALSE
-0,009	0,306	-0,001	0,009	0,026	FALSE
0,065	0,304	0,002	0,010	0,079	FALSE
-0,054	0,325	-0,002	0,010	0,082	FALSE
0,011	0,319	0,001	0,011	0,027	FALSE
0,026	0,293	0,000	0,007	0,023	FALSE
0,059	0,308	0,001	0,007	0,047	FALSE
0,050	0,305	0,002	0,008	0,089	FALSE
0,050	0,308	0,002	0,011	0,068	FALSE
0,046	0,315	0,001	0,008	0,024	FALSE
0,041	0,314	0,002	0,013	0,062	FALSE
0,059	0,299	0,003	0,011	0,094	FALSE
-0,069	0,322	-0,003	0,013	0,097	FALSE
-0,122	0,287	-0,005	0,011	0,174	FALSE
0,001	0,313	0,001	0,010	0,045	FALSE
0,116	0,312	0,005	0,013	0,141	FALSE
-0,001	0,309	0,000	0,007	0,011	FALSE
0,038	0,298	0,001	0,009	0,042	FALSE
0,121	0,320	0,004	0,011	0,151	FALSE
0,090	0,314	0,004	0,012	0,115	FALSE
0,042	0,304	0,001	0,006	0,044	FALSE
0,063	0,308	0,001	0,007	0,052	FALSE
-0,052	0,303	-0,003	0,013	0,077	FALSE
-0,030	0,310	-0,002	0,008	0,070	FALSE
-0,110	0,310	-0,003	0,009	0,145	FALSE
0,009	0,327	0,000	0,009	0,003	FALSE
-0,118	0,303	-0,003	0,008	0,150	FALSE
0,076	0,305	0,003	0,009	0,109	FALSE
-0,007	0,307	0,000	0,007	0,005	FALSE
-0,025	0,314	-0,001	0,011	0,025	FALSE
0,113	0,297	0,004	0,009	0,173	FALSE
-0,011	0,305	0,000	0,008	0,018	FALSE
0,088	0,307	0,004	0,010	0,147	FALSE
0,102	0,291	0,003	0,007	0,199	FALSE
0,032	0,318	0,001	0,007	0,029	FALSE

-0,136	0,306	-0,004	0,009	0,177	FALSE
0,079	0,304	0,004	0,012	0,129	FALSE
0,090	0,311	0,004	0,013	0,140	FALSE
0,082	0,322	0,002	0,007	0,119	FALSE
0,008	0,321	0,000	0,007	0,008	FALSE
-0,048	0,311	-0,001	0,010	0,041	FALSE
0,034	0,309	0,001	0,007	0,045	FALSE
-0,003	0,316	-0,001	0,011	0,026	FALSE
0,015	0,297	0,001	0,012	0,030	FALSE
-0,055	0,314	-0,001	0,008	0,070	FALSE
-0,061	0,313	-0,002	0,012	0,067	FALSE
-0,067	0,298	-0,001	0,007	0,075	FALSE
0,113	0,305	0,005	0,012	0,184	FALSE
0,062	0,304	0,002	0,012	0,063	FALSE
-0,027	0,309	0,000	0,011	0,011	FALSE
0,087	0,295	0,002	0,008	0,088	FALSE
0,031	0,308	0,001	0,011	0,026	FALSE
0,039	0,301	0,002	0,012	0,057	FALSE
-0,033	0,309	-0,001	0,012	0,019	FALSE
-0,005	0,309	0,000	0,007	0,024	FALSE
0,026	0,310	0,000	0,013	0,007	FALSE
-0,012	0,299	-0,001	0,010	0,047	FALSE
0,001	0,305	-0,001	0,007	0,036	FALSE
-0,029	0,314	-0,001	0,006	0,034	FALSE
-0,002	0,310	-0,001	0,008	0,047	FALSE
-0,012	0,307	-0,001	0,007	0,051	FALSE
-0,032	0,297	-0,001	0,007	0,036	FALSE
0,165	0,299	0,005	0,009	0,212	FALSE
0,167	0,291	0,005	0,010	0,231	FALSE
0,116	0,304	0,004	0,011	0,141	FALSE
-0,110	0,305	-0,003	0,008	0,141	FALSE
0,057	0,289	0,001	0,009	0,059	FALSE
-0,081	0,305	-0,003	0,011	0,109	FALSE
-0,019	0,304	-0,001	0,010	0,020	FALSE
-0,098	0,303	-0,002	0,006	0,105	FALSE
-0,109	0,313	-0,002	0,007	0,102	FALSE
0,002	0,319	0,000	0,010	0,003	FALSE
-0,009	0,301	0,000	0,009	0,014	FALSE
0,042	0,324	0,001	0,011	0,025	FALSE
-0,066	0,308	-0,002	0,010	0,072	FALSE
-0,009	0,310	0,000	0,006	0,015	FALSE
0,013	0,297	-0,001	0,007	0,025	FALSE
0,052	0,302	0,003	0,013	0,074	FALSE
0,161	0,299	0,005	0,008	0,264	FALSE
0,142	0,298	0,004	0,008	0,215	FALSE
-0,060	0,299	-0,001	0,009	0,064	FALSE
-0,061	0,320	-0,002	0,012	0,054	FALSE
0,002	0,310	-0,001	0,009	0,041	FALSE
-0,111	0,301	-0,005	0,011	0,202	FALSE
0,126	0,301	0,004	0,010	0,158	FALSE
0,080	0,309	0,003	0,011	0,093	FALSE
0,054	0,319	0,002	0,008	0,080	FALSE
0,119	0,311	0,004	0,010	0,155	FALSE

0,057	0,318	0,001	0,009	0,061	FALSE
0,080	0,313	0,002	0,012	0,079	FALSE
-0,020	0,315	0,000	0,007	0,011	FALSE
-0,025	0,304	-0,001	0,010	0,051	FALSE
0,008	0,309	0,000	0,010	0,006	FALSE
-0,074	0,313	-0,002	0,007	0,115	FALSE
-0,018	0,314	-0,001	0,012	0,024	FALSE
0,152	0,311	0,003	0,007	0,216	FALSE
0,018	0,304	0,001	0,010	0,025	FALSE
-0,036	0,317	-0,001	0,012	0,040	FALSE
-0,025	0,304	-0,001	0,010	0,044	FALSE
-0,020	0,306	-0,001	0,012	0,024	FALSE
-0,025	0,308	-0,001	0,012	0,032	FALSE
-0,089	0,293	-0,002	0,007	0,110	FALSE
0,047	0,304	0,001	0,007	0,056	FALSE
0,008	0,307	0,000	0,011	0,007	FALSE
-0,040	0,319	-0,002	0,011	0,054	FALSE
-0,066	0,315	-0,002	0,011	0,085	FALSE
0,117	0,305	0,005	0,011	0,169	FALSE
-0,149	0,319	-0,006	0,013	0,206	FALSE
0,015	0,312	0,000	0,012	0,003	FALSE
-0,004	0,319	0,000	0,008	0,006	FALSE
0,075	0,307	0,002	0,008	0,094	FALSE
0,060	0,327	0,001	0,007	0,075	FALSE
-0,029	0,313	-0,001	0,011	0,045	FALSE
0,022	0,296	0,001	0,007	0,039	FALSE
-0,027	0,312	0,000	0,007	0,018	FALSE
-0,122	0,288	-0,004	0,012	0,135	FALSE
0,184	0,301	0,006	0,012	0,227	FALSE
-0,046	0,308	-0,002	0,012	0,049	FALSE
0,047	0,315	0,001	0,007	0,059	FALSE
0,038	0,316	0,001	0,012	0,034	FALSE
0,082	0,308	0,003	0,011	0,114	FALSE
-0,014	0,310	0,000	0,008	0,007	FALSE
-0,118	0,308	-0,003	0,008	0,155	FALSE
-0,126	0,316	-0,003	0,007	0,155	FALSE
-0,095	0,315	-0,003	0,009	0,116	FALSE
-0,110	0,315	-0,003	0,009	0,120	FALSE
-0,125	0,304	-0,003	0,008	0,177	FALSE
-0,104	0,297	-0,003	0,009	0,122	FALSE
-0,063	0,301	-0,001	0,007	0,068	FALSE
0,187	0,293	0,007	0,010	0,331	FALSE
0,127	0,300	0,003	0,008	0,158	FALSE
-0,026	0,305	-0,001	0,007	0,058	FALSE
0,149	0,302	0,003	0,007	0,170	FALSE
-0,069	0,301	-0,002	0,008	0,084	FALSE
-0,118	0,309	-0,003	0,007	0,165	FALSE
0,008	0,311	0,000	0,007	0,007	FALSE
0,067	0,285	0,002	0,007	0,099	FALSE
-0,029	0,304	0,000	0,007	0,018	FALSE
-0,049	0,302	-0,002	0,013	0,063	FALSE
0,126	0,303	0,004	0,008	0,206	FALSE
-0,039	0,320	-0,001	0,007	0,040	FALSE

-0,092	0,305	-0,003	0,009	0,138	FALSE
0,105	0,297	0,003	0,007	0,159	FALSE
-0,008	0,297	0,000	0,009	0,008	FALSE
-0,063	0,297	-0,001	0,007	0,076	FALSE
0,081	0,316	0,002	0,009	0,105	FALSE
0,117	0,298	0,004	0,007	0,216	FALSE
-0,100	0,301	-0,003	0,010	0,126	FALSE
-0,098	0,301	-0,003	0,010	0,125	FALSE
0,086	0,299	0,004	0,012	0,119	FALSE
0,055	0,292	0,001	0,006	0,086	FALSE
0,047	0,302	0,002	0,011	0,066	FALSE
-0,020	0,310	-0,001	0,012	0,025	FALSE
-0,051	0,301	-0,002	0,011	0,055	FALSE
-0,035	0,298	-0,001	0,011	0,045	FALSE
0,141	0,305	0,004	0,008	0,220	FALSE
-0,071	0,305	-0,002	0,008	0,081	FALSE
0,035	0,315	0,001	0,007	0,046	FALSE
0,061	0,311	0,001	0,011	0,032	FALSE
0,020	0,300	0,001	0,006	0,049	FALSE
0,164	0,296	0,006	0,010	0,264	FALSE
-0,106	0,296	-0,003	0,007	0,167	FALSE
-0,139	0,299	-0,003	0,007	0,221	FALSE
0,037	0,317	0,001	0,009	0,023	FALSE
-0,064	0,321	-0,001	0,008	0,070	FALSE
0,063	0,300	0,001	0,007	0,038	FALSE
0,140	0,313	0,005	0,009	0,225	FALSE
0,026	0,297	0,000	0,009	0,010	FALSE
-0,111	0,307	-0,004	0,012	0,138	FALSE
-0,095	0,305	-0,004	0,012	0,137	FALSE
-0,081	0,311	-0,004	0,012	0,118	FALSE
-0,108	0,320	-0,004	0,012	0,144	FALSE
-0,062	0,313	-0,002	0,008	0,097	FALSE
-0,060	0,306	-0,001	0,007	0,037	FALSE
0,049	0,320	0,002	0,010	0,060	FALSE
-0,109	0,310	-0,005	0,012	0,166	FALSE
-0,132	0,290	-0,004	0,010	0,183	FALSE
-0,120	0,312	-0,004	0,010	0,143	FALSE
-0,053	0,310	-0,001	0,011	0,020	FALSE
0,035	0,319	0,000	0,011	0,015	FALSE
-0,006	0,309	0,000	0,011	0,003	FALSE
0,075	0,299	0,002	0,007	0,088	FALSE
-0,018	0,308	0,000	0,007	0,011	FALSE
-0,071	0,308	-0,002	0,008	0,098	FALSE
0,056	0,313	0,001	0,011	0,039	FALSE
0,037	0,318	0,001	0,009	0,050	FALSE
0,008	0,318	0,000	0,007	0,013	FALSE
-0,015	0,299	-0,001	0,007	0,026	FALSE
-0,089	0,298	-0,002	0,007	0,134	FALSE
0,061	0,298	0,001	0,008	0,055	FALSE
0,064	0,305	0,001	0,009	0,047	FALSE
-0,021	0,302	-0,001	0,010	0,045	FALSE
0,021	0,309	0,001	0,007	0,040	FALSE
0,036	0,297	0,000	0,010	0,007	FALSE

-0,010	0,297	0,000	0,008	0,005	FALSE
-0,012	0,304	0,000	0,011	0,015	FALSE
0,019	0,306	0,000	0,011	0,015	FALSE
0,106	0,303	0,004	0,009	0,169	FALSE
0,084	0,312	0,002	0,008	0,119	FALSE
0,118	0,307	0,005	0,011	0,180	FALSE
0,040	0,312	0,002	0,010	0,057	FALSE
0,097	0,304	0,003	0,008	0,130	FALSE
-0,011	0,314	0,000	0,010	0,001	FALSE
0,000	0,305	0,000	0,008	0,004	FALSE
-0,037	0,325	-0,001	0,008	0,038	FALSE
0,075	0,303	0,003	0,011	0,087	FALSE
0,077	0,309	0,003	0,011	0,126	FALSE
-0,066	0,306	-0,001	0,007	0,059	FALSE
-0,083	0,309	-0,002	0,008	0,077	FALSE
-0,064	0,324	-0,001	0,007	0,040	FALSE
-0,022	0,309	0,000	0,008	0,019	FALSE
0,113	0,307	0,003	0,008	0,146	FALSE
-0,073	0,309	-0,002	0,008	0,091	FALSE
0,014	0,295	0,000	0,007	0,018	FALSE
-0,051	0,307	-0,001	0,007	0,063	FALSE
-0,012	0,303	-0,001	0,011	0,019	FALSE
0,066	0,310	0,002	0,009	0,094	FALSE
0,002	0,312	-0,001	0,009	0,046	FALSE
0,037	0,306	0,000	0,009	0,004	FALSE
-0,031	0,322	-0,002	0,009	0,083	FALSE
0,010	0,310	-0,001	0,008	0,032	FALSE
-0,187	0,302	-0,006	0,010	0,243	FALSE
-0,139	0,305	-0,003	0,008	0,160	FALSE
0,022	0,300	0,001	0,008	0,034	FALSE
0,004	0,317	-0,001	0,013	0,023	FALSE
-0,056	0,304	-0,001	0,006	0,067	FALSE
0,042	0,302	0,001	0,006	0,029	FALSE
-0,038	0,304	-0,002	0,009	0,064	FALSE
0,027	0,299	0,001	0,008	0,070	FALSE
-0,022	0,317	-0,001	0,010	0,022	FALSE
0,082	0,316	0,003	0,013	0,085	FALSE
-0,121	0,309	-0,005	0,012	0,165	FALSE
0,008	0,310	0,000	0,008	0,002	FALSE
-0,025	0,313	0,000	0,008	0,007	FALSE
0,045	0,301	0,002	0,008	0,072	FALSE
0,055	0,319	0,002	0,007	0,098	FALSE
-0,061	0,308	-0,001	0,009	0,056	FALSE
-0,082	0,309	-0,002	0,009	0,095	FALSE
0,170	0,289	0,006	0,010	0,244	FALSE
0,086	0,296	0,003	0,010	0,102	FALSE
-0,055	0,315	-0,002	0,010	0,093	FALSE
0,144	0,304	0,005	0,011	0,204	FALSE
-0,028	0,324	-0,001	0,007	0,041	FALSE
0,103	0,304	0,004	0,011	0,157	FALSE
0,031	0,283	0,001	0,006	0,070	FALSE
-0,037	0,286	0,000	0,006	0,010	FALSE
0,058	0,310	0,002	0,009	0,100	FALSE

0,071	0,311	0,002	0,007	0,082	FALSE
-0,007	0,299	0,001	0,009	0,025	FALSE
-0,021	0,296	-0,002	0,008	0,073	FALSE
-0,103	0,300	-0,003	0,008	0,164	FALSE
-0,021	0,304	-0,001	0,010	0,048	FALSE
-0,163	0,301	-0,004	0,009	0,214	FALSE
-0,042	0,302	-0,001	0,007	0,045	FALSE
0,129	0,317	0,004	0,008	0,192	FALSE
0,091	0,320	0,002	0,007	0,099	FALSE
-0,019	0,315	-0,002	0,011	0,055	FALSE
0,046	0,303	0,001	0,011	0,036	FALSE
-0,135	0,308	-0,003	0,007	0,193	FALSE
-0,145	0,308	-0,003	0,007	0,216	FALSE
-0,079	0,312	-0,003	0,012	0,110	FALSE
-0,134	0,310	-0,005	0,012	0,149	FALSE
-0,143	0,303	-0,005	0,012	0,167	FALSE
0,021	0,302	0,000	0,006	0,008	FALSE
-0,169	0,311	-0,006	0,011	0,248	FALSE
-0,086	0,315	-0,003	0,010	0,102	FALSE
0,044	0,312	0,001	0,008	0,046	FALSE
-0,042	0,305	-0,002	0,013	0,060	FALSE
0,037	0,304	0,001	0,007	0,065	FALSE
0,014	0,305	0,000	0,010	0,014	FALSE
-0,063	0,308	-0,004	0,012	0,120	FALSE
0,154	0,314	0,004	0,007	0,222	FALSE
0,012	0,308	0,000	0,007	0,012	FALSE
-0,053	0,301	-0,001	0,008	0,058	FALSE
0,005	0,321	-0,001	0,013	0,023	FALSE
-0,037	0,310	-0,001	0,006	0,068	FALSE
-0,025	0,315	0,000	0,007	0,013	FALSE
0,008	0,304	0,000	0,009	0,005	FALSE
0,003	0,327	0,000	0,010	0,010	FALSE
-0,193	0,298	-0,005	0,009	0,264	FALSE
-0,037	0,304	-0,001	0,008	0,033	FALSE
-0,010	0,298	0,000	0,010	0,006	FALSE
0,004	0,313	0,001	0,012	0,020	FALSE
0,111	0,315	0,005	0,012	0,160	FALSE
0,003	0,307	0,000	0,006	0,003	FALSE
-0,095	0,294	-0,003	0,008	0,132	FALSE
-0,014	0,296	0,000	0,010	0,008	FALSE
-0,009	0,310	-0,001	0,008	0,034	FALSE
-0,070	0,311	-0,003	0,012	0,087	FALSE
0,136	0,308	0,005	0,011	0,184	FALSE
-0,003	0,302	0,000	0,006	0,003	FALSE
-0,074	0,297	-0,002	0,006	0,103	FALSE
0,111	0,311	0,003	0,012	0,113	FALSE
-0,040	0,293	0,000	0,006	0,017	FALSE
-0,077	0,301	-0,002	0,006	0,124	FALSE
-0,086	0,302	-0,002	0,006	0,116	FALSE
0,000	0,294	0,000	0,007	0,003	FALSE
0,084	0,289	0,004	0,011	0,138	FALSE
-0,025	0,306	-0,001	0,007	0,057	FALSE
-0,068	0,323	-0,003	0,011	0,096	FALSE

-0,102	0,300	-0,004	0,012	0,128	FALSE
-0,024	0,316	0,000	0,008	0,023	FALSE
0,088	0,306	0,003	0,011	0,101	FALSE
-0,039	0,309	-0,001	0,011	0,034	FALSE
-0,133	0,297	-0,004	0,009	0,153	FALSE
-0,162	0,295	-0,004	0,008	0,209	FALSE
-0,043	0,298	-0,001	0,008	0,040	FALSE
-0,036	0,312	-0,002	0,008	0,070	FALSE
0,079	0,308	0,003	0,012	0,096	FALSE
0,097	0,304	0,004	0,011	0,149	FALSE
-0,132	0,303	-0,003	0,006	0,171	FALSE
0,088	0,306	0,003	0,010	0,132	FALSE
-0,002	0,301	0,000	0,007	0,012	FALSE
-0,199	0,302	-0,008	0,012	0,312	FALSE
-0,160	0,296	-0,007	0,012	0,235	FALSE
0,145	0,295	0,004	0,009	0,206	FALSE
0,107	0,299	0,004	0,010	0,142	FALSE
0,009	0,310	0,000	0,008	0,003	FALSE
0,096	0,308	0,003	0,010	0,108	FALSE
0,174	0,298	0,007	0,011	0,291	FALSE
-0,073	0,325	-0,002	0,010	0,078	FALSE
0,097	0,300	0,003	0,008	0,133	FALSE
-0,106	0,318	-0,004	0,012	0,133	FALSE
0,028	0,302	0,000	0,009	0,017	FALSE
-0,082	0,305	-0,002	0,013	0,061	FALSE
0,011	0,299	0,000	0,008	0,002	FALSE
0,013	0,308	0,002	0,012	0,063	FALSE
0,104	0,301	0,004	0,011	0,153	FALSE
-0,162	0,311	-0,004	0,007	0,199	FALSE
0,166	0,302	0,006	0,010	0,269	FALSE
0,143	0,298	0,006	0,011	0,228	FALSE
-0,108	0,297	-0,005	0,012	0,189	FALSE
0,192	0,287	0,007	0,009	0,359	FALSE
-0,017	0,300	0,000	0,010	0,005	FALSE
-0,035	0,305	-0,002	0,013	0,069	FALSE
0,052	0,300	0,001	0,007	0,054	FALSE
0,086	0,303	0,004	0,013	0,118	FALSE
0,117	0,321	0,003	0,008	0,153	FALSE
0,044	0,310	0,001	0,010	0,055	FALSE
-0,107	0,304	-0,002	0,008	0,111	FALSE
-0,042	0,319	-0,001	0,009	0,054	FALSE
0,019	0,314	0,002	0,011	0,054	FALSE
0,208	0,298	0,005	0,007	0,314	FALSE
-0,119	0,300	-0,003	0,007	0,176	FALSE
-0,026	0,308	0,000	0,007	0,015	FALSE
0,065	0,305	0,002	0,009	0,089	FALSE
-0,099	0,303	-0,005	0,012	0,166	FALSE
0,149	0,299	0,004	0,010	0,157	FALSE
0,084	0,311	0,002	0,006	0,107	FALSE
-0,005	0,297	0,000	0,008	0,003	FALSE
-0,115	0,293	-0,002	0,007	0,134	FALSE
0,010	0,311	0,000	0,013	0,003	FALSE
0,017	0,309	0,000	0,007	0,002	FALSE

-0,013	0,319	0,000	0,012	0,008	FALSE
-0,105	0,303	-0,003	0,009	0,137	FALSE
0,065	0,297	0,001	0,006	0,072	FALSE
-0,068	0,313	-0,001	0,007	0,070	FALSE
0,094	0,295	0,004	0,009	0,167	FALSE
0,031	0,323	0,001	0,008	0,054	FALSE
0,029	0,293	0,001	0,006	0,062	FALSE
-0,066	0,302	-0,001	0,007	0,072	FALSE
0,020	0,323	0,000	0,008	0,002	FALSE
0,062	0,306	0,001	0,007	0,045	FALSE
-0,002	0,315	0,000	0,007	0,002	FALSE
0,023	0,304	0,000	0,007	0,023	FALSE
0,106	0,317	0,003	0,008	0,128	FALSE
-0,016	0,291	0,000	0,009	0,003	FALSE
0,020	0,313	0,000	0,012	0,002	FALSE
-0,037	0,303	-0,002	0,008	0,084	FALSE
0,036	0,307	0,001	0,012	0,032	FALSE
0,096	0,306	0,003	0,009	0,127	FALSE
-0,022	0,303	0,000	0,007	0,003	FALSE
-0,151	0,303	-0,005	0,010	0,223	FALSE
-0,035	0,308	-0,002	0,013	0,057	FALSE
0,041	0,312	0,002	0,009	0,062	FALSE
0,006	0,310	0,000	0,007	0,019	FALSE
0,060	0,318	0,002	0,013	0,071	FALSE
-0,053	0,286	-0,003	0,012	0,078	FALSE
0,036	0,295	0,002	0,011	0,050	FALSE
0,050	0,295	0,002	0,011	0,074	FALSE
-0,065	0,308	-0,001	0,010	0,052	FALSE
0,047	0,302	0,002	0,013	0,059	FALSE
-0,062	0,304	-0,003	0,011	0,107	FALSE
0,052	0,313	0,002	0,013	0,048	FALSE
-0,017	0,288	-0,001	0,006	0,028	FALSE
0,119	0,305	0,003	0,009	0,146	FALSE
0,105	0,298	0,003	0,011	0,117	FALSE
0,106	0,305	0,003	0,007	0,136	FALSE
-0,164	0,299	-0,005	0,009	0,232	FALSE
0,024	0,309	0,001	0,008	0,028	FALSE
-0,095	0,309	-0,004	0,011	0,144	FALSE
0,061	0,305	0,002	0,007	0,096	FALSE
-0,141	0,309	-0,003	0,006	0,203	FALSE
0,089	0,300	0,003	0,012	0,088	FALSE
0,045	0,303	0,002	0,008	0,094	FALSE
-0,098	0,302	-0,004	0,012	0,130	FALSE
-0,007	0,308	0,000	0,008	0,011	FALSE
0,077	0,313	0,002	0,007	0,106	FALSE
-0,086	0,304	-0,003	0,012	0,094	FALSE
0,050	0,307	0,001	0,012	0,032	FALSE
0,045	0,310	0,001	0,012	0,037	FALSE
0,085	0,310	0,002	0,012	0,079	FALSE
-0,080	0,326	-0,003	0,013	0,085	FALSE
-0,037	0,307	-0,002	0,012	0,049	FALSE
0,026	0,312	0,001	0,012	0,020	FALSE
-0,003	0,304	0,001	0,010	0,023	FALSE

-0,104	0,308	-0,005	0,013	0,163	FALSE
0,001	0,306	0,001	0,010	0,024	FALSE
0,001	0,303	0,001	0,010	0,028	FALSE
0,037	0,308	0,001	0,007	0,067	FALSE
-0,082	0,314	-0,004	0,013	0,107	FALSE
-0,031	0,314	0,000	0,007	0,025	FALSE
-0,019	0,307	-0,001	0,012	0,023	FALSE
0,021	0,311	0,000	0,012	0,002	FALSE
-0,020	0,313	0,000	0,009	0,010	FALSE
-0,006	0,301	-0,001	0,008	0,036	FALSE
0,118	0,307	0,005	0,011	0,193	FALSE
-0,059	0,311	-0,002	0,010	0,066	FALSE
0,070	0,293	0,002	0,006	0,112	FALSE
-0,076	0,304	-0,002	0,007	0,108	FALSE
0,131	0,293	0,005	0,011	0,196	FALSE
-0,123	0,307	-0,005	0,012	0,171	FALSE
0,115	0,306	0,005	0,012	0,152	FALSE
0,087	0,305	0,001	0,006	0,059	FALSE
0,065	0,305	0,002	0,012	0,074	FALSE
-0,004	0,305	0,000	0,009	0,008	FALSE
-0,049	0,312	-0,001	0,008	0,048	FALSE
-0,105	0,305	-0,004	0,011	0,141	FALSE
-0,005	0,318	-0,001	0,011	0,024	FALSE
0,142	0,298	0,004	0,008	0,213	FALSE
0,038	0,317	0,001	0,008	0,056	FALSE
-0,020	0,303	-0,001	0,008	0,042	FALSE
-0,093	0,307	-0,001	0,007	0,070	FALSE
-0,088	0,312	-0,003	0,007	0,141	FALSE
0,079	0,306	0,004	0,012	0,120	FALSE
-0,083	0,302	-0,003	0,010	0,099	FALSE
0,114	0,301	0,005	0,011	0,209	FALSE
-0,087	0,312	-0,003	0,012	0,105	FALSE
-0,093	0,304	-0,002	0,008	0,090	FALSE
-0,091	0,312	-0,002	0,008	0,081	FALSE
0,002	0,286	0,000	0,011	0,014	FALSE
0,051	0,310	0,001	0,008	0,063	FALSE
-0,060	0,324	-0,001	0,011	0,049	FALSE
0,016	0,306	0,000	0,008	0,013	FALSE
-0,058	0,306	-0,002	0,009	0,095	FALSE
0,038	0,308	0,001	0,007	0,073	FALSE
-0,074	0,313	-0,002	0,009	0,073	FALSE
0,015	0,291	0,000	0,012	0,006	FALSE
-0,013	0,297	0,000	0,012	0,014	FALSE
0,085	0,291	0,003	0,012	0,106	FALSE
0,096	0,306	0,003	0,008	0,168	FALSE
-0,088	0,297	-0,004	0,012	0,141	FALSE
-0,117	0,308	-0,005	0,012	0,173	FALSE
0,074	0,300	0,002	0,009	0,105	FALSE
0,008	0,298	0,000	0,012	0,001	FALSE
-0,168	0,313	-0,004	0,007	0,248	FALSE
0,010	0,301	-0,002	0,012	0,048	FALSE
0,096	0,314	0,003	0,011	0,117	FALSE
0,070	0,311	0,002	0,008	0,086	FALSE

0,112	0,305	0,004	0,011	0,157	FALSE
-0,063	0,309	-0,002	0,007	0,086	FALSE
0,074	0,316	0,002	0,010	0,065	FALSE
0,031	0,313	0,001	0,010	0,035	FALSE
-0,116	0,304	-0,005	0,011	0,194	FALSE
-0,099	0,291	-0,003	0,008	0,173	FALSE
-0,069	0,294	-0,003	0,012	0,104	FALSE
-0,090	0,304	-0,004	0,010	0,158	FALSE
0,004	0,325	0,001	0,009	0,021	FALSE
0,079	0,320	0,002	0,011	0,077	FALSE
-0,011	0,309	0,000	0,008	0,001	FALSE
-0,090	0,303	-0,001	0,007	0,077	FALSE
-0,104	0,291	-0,004	0,011	0,147	FALSE
0,068	0,314	0,001	0,007	0,063	FALSE
-0,089	0,314	-0,004	0,013	0,127	FALSE
-0,056	0,327	-0,002	0,009	0,064	FALSE
-0,058	0,321	-0,002	0,011	0,065	FALSE
-0,031	0,303	-0,001	0,011	0,018	FALSE
0,044	0,312	0,001	0,012	0,029	FALSE
-0,015	0,315	0,000	0,007	0,019	FALSE
-0,018	0,303	0,000	0,009	0,015	FALSE
0,013	0,308	0,001	0,009	0,038	FALSE
-0,012	0,314	0,000	0,010	0,003	FALSE
-0,022	0,285	-0,001	0,011	0,030	FALSE
-0,029	0,307	-0,001	0,011	0,020	FALSE
-0,048	0,297	-0,002	0,009	0,076	FALSE
0,053	0,319	0,001	0,010	0,054	FALSE
0,065	0,310	0,002	0,010	0,060	FALSE
0,053	0,313	0,002	0,010	0,057	FALSE
-0,064	0,292	-0,001	0,007	0,071	FALSE
-0,008	0,319	-0,001	0,009	0,040	FALSE
0,210	0,292	0,010	0,013	0,347	FALSE
0,027	0,312	0,001	0,010	0,026	FALSE
0,080	0,304	0,002	0,009	0,095	FALSE
0,074	0,306	0,002	0,009	0,094	FALSE
-0,013	0,313	0,000	0,010	0,002	FALSE
0,145	0,305	0,006	0,011	0,242	FALSE
0,062	0,298	0,002	0,007	0,096	FALSE
-0,061	0,306	-0,002	0,011	0,056	FALSE
-0,051	0,305	-0,001	0,012	0,039	FALSE
0,046	0,311	0,001	0,011	0,042	FALSE
-0,059	0,298	-0,002	0,007	0,083	FALSE
-0,138	0,305	-0,003	0,007	0,200	FALSE
0,008	0,295	0,000	0,010	0,004	FALSE
-0,127	0,297	-0,005	0,011	0,180	FALSE
0,006	0,302	0,000	0,006	0,011	FALSE
-0,013	0,294	0,000	0,011	0,005	FALSE
0,012	0,311	0,001	0,007	0,037	FALSE
0,091	0,310	0,002	0,007	0,097	FALSE
0,043	0,323	0,001	0,013	0,029	FALSE
-0,008	0,313	0,000	0,007	0,009	FALSE
-0,012	0,312	0,000	0,009	0,009	FALSE
0,001	0,300	0,000	0,007	0,015	FALSE

-0,142	0,306	-0,003	0,007	0,184	FALSE
-0,041	0,316	-0,002	0,012	0,053	FALSE
0,046	0,302	0,001	0,008	0,049	FALSE
0,045	0,330	0,002	0,012	0,044	FALSE
-0,069	0,304	-0,003	0,012	0,112	FALSE
0,041	0,304	0,001	0,007	0,050	FALSE
0,015	0,321	0,000	0,008	0,011	FALSE
-0,041	0,298	-0,002	0,012	0,055	FALSE
-0,045	0,301	-0,001	0,008	0,057	FALSE
0,106	0,305	0,004	0,012	0,147	FALSE
0,114	0,303	0,004	0,011	0,157	FALSE
0,040	0,295	0,001	0,007	0,073	FALSE
0,011	0,295	0,001	0,009	0,029	FALSE
-0,052	0,291	-0,002	0,008	0,086	FALSE
-0,063	0,304	-0,001	0,009	0,049	FALSE
0,005	0,310	-0,001	0,010	0,021	FALSE
0,000	0,308	-0,001	0,010	0,021	FALSE
0,079	0,289	0,003	0,007	0,151	FALSE
0,035	0,315	0,002	0,011	0,049	FALSE
-0,006	0,317	-0,001	0,013	0,015	FALSE
-0,014	0,305	0,000	0,008	0,004	FALSE
0,132	0,299	0,003	0,007	0,164	FALSE
-0,125	0,317	-0,003	0,010	0,138	FALSE
0,036	0,299	0,001	0,007	0,036	FALSE
-0,027	0,304	0,000	0,007	0,017	FALSE
-0,180	0,306	-0,003	0,006	0,233	FALSE
0,115	0,298	0,002	0,007	0,130	FALSE
0,011	0,311	0,000	0,010	0,004	FALSE
0,110	0,328	0,004	0,013	0,138	FALSE
0,156	0,301	0,003	0,007	0,199	FALSE
-0,034	0,311	-0,001	0,013	0,016	FALSE
0,040	0,315	0,002	0,013	0,055	FALSE
0,005	0,308	0,000	0,007	0,010	FALSE
0,042	0,312	0,001	0,008	0,048	FALSE
0,002	0,309	0,000	0,008	0,023	FALSE
-0,013	0,301	0,000	0,006	0,019	FALSE
-0,043	0,305	-0,002	0,010	0,073	FALSE
-0,025	0,305	-0,001	0,009	0,044	FALSE
-0,058	0,309	-0,002	0,010	0,096	FALSE
-0,086	0,309	-0,003	0,009	0,145	FALSE
-0,087	0,301	-0,003	0,009	0,143	FALSE
-0,033	0,301	0,000	0,007	0,020	FALSE
-0,064	0,309	-0,001	0,013	0,035	FALSE
0,030	0,316	0,001	0,009	0,027	FALSE
0,031	0,313	0,001	0,009	0,049	FALSE
-0,163	0,305	-0,004	0,009	0,200	FALSE
0,045	0,300	0,001	0,007	0,058	FALSE
0,101	0,311	0,003	0,007	0,152	FALSE
0,038	0,308	0,001	0,006	0,051	FALSE
0,012	0,295	0,001	0,008	0,039	FALSE
0,040	0,303	0,002	0,011	0,061	FALSE
-0,025	0,326	-0,001	0,007	0,036	FALSE
0,025	0,306	0,001	0,012	0,027	FALSE

-0,001	0,309	0,001	0,013	0,019	FALSE
-0,142	0,307	-0,004	0,008	0,195	FALSE
-0,068	0,296	-0,003	0,012	0,085	FALSE
0,055	0,305	0,002	0,010	0,080	FALSE
0,054	0,295	0,001	0,009	0,051	FALSE
-0,141	0,298	-0,004	0,008	0,204	FALSE
-0,132	0,312	-0,003	0,008	0,182	FALSE
0,008	0,321	0,001	0,012	0,016	FALSE
-0,023	0,299	-0,001	0,011	0,029	FALSE
0,091	0,290	0,002	0,007	0,088	FALSE
-0,039	0,307	-0,001	0,008	0,040	FALSE
0,090	0,297	0,003	0,011	0,118	FALSE
0,099	0,327	0,003	0,010	0,094	FALSE
-0,040	0,305	-0,001	0,008	0,050	FALSE
-0,101	0,308	-0,004	0,012	0,133	FALSE
0,001	0,307	0,000	0,010	0,005	FALSE
-0,019	0,313	-0,001	0,010	0,024	FALSE
-0,012	0,310	0,000	0,009	0,007	FALSE
0,011	0,306	0,000	0,008	0,012	FALSE
-0,140	0,307	-0,006	0,012	0,227	FALSE
-0,157	0,294	-0,007	0,012	0,228	FALSE
0,035	0,295	0,002	0,009	0,097	FALSE
-0,097	0,317	-0,003	0,011	0,098	FALSE
-0,115	0,308	-0,004	0,012	0,137	FALSE
-0,080	0,302	-0,002	0,012	0,076	FALSE
-0,104	0,306	-0,004	0,013	0,115	FALSE
-0,118	0,324	-0,003	0,008	0,129	FALSE
0,067	0,302	0,002	0,011	0,081	FALSE
-0,002	0,315	0,000	0,010	0,010	FALSE
0,014	0,320	0,001	0,011	0,028	FALSE
-0,025	0,316	-0,001	0,008	0,041	FALSE
-0,047	0,299	-0,002	0,012	0,058	FALSE
0,161	0,300	0,004	0,008	0,202	FALSE
-0,030	0,315	-0,001	0,009	0,022	FALSE
-0,067	0,305	-0,002	0,010	0,076	FALSE
0,024	0,305	0,000	0,008	0,000	FALSE
0,130	0,299	0,004	0,007	0,204	FALSE
-0,101	0,295	-0,004	0,012	0,151	FALSE
0,046	0,304	0,001	0,007	0,044	FALSE
0,053	0,305	0,001	0,007	0,040	FALSE
-0,002	0,306	0,000	0,011	0,014	FALSE
-0,043	0,291	-0,001	0,008	0,064	FALSE
-0,033	0,295	-0,001	0,011	0,024	FALSE
0,024	0,312	0,000	0,010	0,002	FALSE
-0,084	0,302	-0,003	0,010	0,134	FALSE
-0,037	0,290	-0,001	0,010	0,033	FALSE
0,059	0,319	0,002	0,012	0,051	FALSE
-0,041	0,305	-0,001	0,010	0,041	FALSE
0,052	0,315	0,002	0,013	0,050	FALSE
0,002	0,313	0,000	0,010	0,014	FALSE
0,001	0,311	0,000	0,010	0,004	FALSE
-0,037	0,307	-0,002	0,012	0,051	FALSE
-0,044	0,306	-0,002	0,012	0,056	FALSE

0,014	0,315	0,001	0,008	0,039	FALSE
-0,002	0,321	0,000	0,009	0,004	FALSE
0,026	0,307	0,001	0,009	0,048	FALSE
0,013	0,309	0,000	0,008	0,022	FALSE
-0,023	0,306	-0,001	0,008	0,038	FALSE
-0,124	0,318	-0,005	0,013	0,151	FALSE
-0,069	0,307	-0,003	0,010	0,102	FALSE
-0,130	0,282	-0,004	0,010	0,172	FALSE
0,132	0,299	0,004	0,010	0,174	FALSE
-0,005	0,311	0,000	0,007	0,000	FALSE
-0,148	0,315	-0,005	0,011	0,175	FALSE
-0,058	0,307	-0,001	0,007	0,074	FALSE
0,163	0,286	0,003	0,007	0,207	FALSE
0,142	0,317	0,007	0,013	0,211	FALSE
0,037	0,301	0,001	0,012	0,041	FALSE
0,012	0,302	0,000	0,012	0,006	FALSE
-0,014	0,316	0,000	0,008	0,015	FALSE
-0,093	0,291	-0,004	0,011	0,132	FALSE
-0,063	0,318	-0,003	0,011	0,093	FALSE
0,119	0,286	0,003	0,006	0,166	FALSE
-0,028	0,310	0,000	0,010	0,013	FALSE
-0,038	0,311	-0,001	0,012	0,025	FALSE
-0,002	0,311	0,000	0,007	0,024	FALSE
0,020	0,307	0,000	0,008	0,005	FALSE
0,001	0,314	0,000	0,008	0,010	FALSE
0,007	0,301	0,000	0,009	0,019	FALSE
0,113	0,315	0,003	0,007	0,141	FALSE
0,092	0,312	0,002	0,006	0,106	FALSE
0,044	0,313	0,001	0,009	0,042	FALSE
0,019	0,307	0,000	0,007	0,016	FALSE
-0,005	0,308	-0,001	0,007	0,025	FALSE
-0,093	0,293	-0,004	0,012	0,129	FALSE
-0,103	0,307	-0,005	0,012	0,164	FALSE
-0,047	0,307	-0,001	0,012	0,033	FALSE
0,116	0,297	0,003	0,007	0,191	FALSE
-0,068	0,314	-0,002	0,009	0,096	FALSE
0,061	0,297	0,001	0,007	0,044	FALSE
0,018	0,308	0,000	0,007	0,020	FALSE
0,012	0,307	0,000	0,006	0,027	FALSE
0,073	0,298	0,003	0,013	0,102	FALSE
0,084	0,298	0,002	0,008	0,081	FALSE
0,132	0,294	0,005	0,013	0,167	FALSE
0,190	0,287	0,007	0,011	0,288	FALSE
-0,158	0,306	-0,004	0,007	0,236	FALSE
-0,101	0,315	-0,002	0,006	0,139	FALSE
0,093	0,303	0,002	0,007	0,140	FALSE
0,217	0,297	0,010	0,012	0,378	FALSE
0,034	0,305	0,002	0,009	0,070	FALSE
-0,023	0,302	-0,001	0,011	0,045	FALSE
-0,097	0,302	-0,002	0,007	0,121	FALSE
-0,073	0,308	-0,002	0,008	0,078	FALSE
-0,010	0,303	0,000	0,012	0,011	FALSE
-0,021	0,310	-0,001	0,010	0,039	FALSE

-0,081	0,302	-0,002	0,007	0,097	FALSE
0,096	0,315	0,002	0,007	0,118	FALSE
-0,129	0,296	-0,003	0,006	0,172	FALSE
-0,043	0,304	-0,002	0,011	0,054	FALSE
0,096	0,307	0,002	0,008	0,120	FALSE
0,030	0,313	0,001	0,010	0,030	FALSE
-0,149	0,308	-0,006	0,012	0,202	FALSE
-0,045	0,304	-0,001	0,012	0,020	FALSE
0,111	0,315	0,003	0,007	0,149	FALSE
0,019	0,312	0,000	0,007	0,002	FALSE
0,143	0,297	0,005	0,010	0,214	FALSE
0,053	0,312	0,002	0,013	0,070	FALSE
-0,026	0,314	-0,001	0,010	0,025	FALSE
-0,026	0,307	-0,001	0,010	0,025	FALSE
0,011	0,305	0,000	0,006	0,001	FALSE
0,054	0,310	0,001	0,007	0,034	FALSE
-0,091	0,308	-0,003	0,009	0,112	FALSE
-0,065	0,305	-0,002	0,009	0,066	FALSE
-0,068	0,311	-0,002	0,009	0,079	FALSE
-0,132	0,306	-0,003	0,009	0,153	FALSE
-0,088	0,320	-0,003	0,011	0,101	FALSE
-0,077	0,319	-0,002	0,011	0,083	FALSE
-0,112	0,311	-0,005	0,013	0,174	FALSE
-0,044	0,305	-0,001	0,010	0,046	FALSE
0,040	0,302	0,002	0,009	0,076	FALSE
0,079	0,292	0,003	0,008	0,129	FALSE
-0,068	0,311	-0,003	0,010	0,109	FALSE
-0,042	0,310	-0,001	0,010	0,048	FALSE
-0,109	0,307	-0,004	0,010	0,155	FALSE
-0,167	0,291	-0,005	0,009	0,251	FALSE
-0,041	0,309	-0,002	0,012	0,056	FALSE
-0,084	0,302	-0,003	0,011	0,117	FALSE
-0,022	0,315	-0,001	0,008	0,046	FALSE
-0,055	0,310	-0,002	0,009	0,103	FALSE
-0,032	0,312	-0,001	0,008	0,062	FALSE
-0,099	0,306	-0,002	0,009	0,095	FALSE
-0,136	0,308	-0,003	0,007	0,169	FALSE
-0,197	0,311	-0,006	0,010	0,243	FALSE
0,019	0,309	0,000	0,010	0,000	FALSE
0,009	0,305	0,000	0,007	0,006	FALSE
-0,035	0,317	-0,001	0,009	0,038	FALSE
-0,077	0,295	-0,003	0,012	0,100	FALSE
0,060	0,313	0,002	0,009	0,081	FALSE
-0,030	0,302	-0,002	0,012	0,071	FALSE
0,039	0,316	0,002	0,012	0,072	FALSE
0,022	0,324	0,000	0,008	0,015	FALSE
0,048	0,318	0,002	0,011	0,052	FALSE
-0,105	0,301	-0,003	0,007	0,152	FALSE
0,012	0,303	0,001	0,012	0,027	FALSE
-0,033	0,323	-0,001	0,011	0,039	FALSE
0,000	0,309	0,001	0,013	0,020	FALSE
-0,016	0,304	-0,001	0,006	0,044	FALSE
-0,163	0,300	-0,004	0,008	0,194	FALSE

-0,026	0,317	-0,001	0,011	0,029	FALSE
0,151	0,296	0,003	0,006	0,196	FALSE
-0,069	0,312	-0,002	0,009	0,089	FALSE
-0,143	0,298	-0,005	0,010	0,200	FALSE
0,100	0,308	0,004	0,011	0,137	FALSE
0,075	0,308	0,003	0,012	0,094	FALSE
0,071	0,305	0,002	0,010	0,082	FALSE
0,072	0,297	0,002	0,011	0,084	FALSE
0,183	0,298	0,008	0,013	0,272	FALSE
0,003	0,307	0,000	0,012	0,009	FALSE
0,011	0,303	0,000	0,008	0,016	FALSE
-0,185	0,312	-0,004	0,007	0,265	FALSE
0,000	0,309	0,000	0,006	0,006	FALSE
-0,132	0,304	-0,005	0,009	0,199	FALSE
0,126	0,311	0,003	0,007	0,156	FALSE
0,023	0,310	0,001	0,007	0,049	FALSE
-0,066	0,289	-0,002	0,007	0,100	FALSE
-0,086	0,315	-0,004	0,012	0,118	FALSE
-0,020	0,307	0,000	0,008	0,011	FALSE
-0,021	0,317	-0,001	0,012	0,029	FALSE
0,094	0,280	0,003	0,008	0,126	FALSE
-0,060	0,310	-0,001	0,007	0,042	FALSE
-0,036	0,303	0,000	0,007	0,020	FALSE
0,159	0,305	0,005	0,009	0,222	FALSE
-0,084	0,325	-0,003	0,012	0,101	FALSE
0,197	0,286	0,008	0,012	0,302	FALSE
-0,151	0,302	-0,003	0,007	0,194	FALSE
-0,173	0,314	-0,004	0,008	0,222	FALSE
-0,053	0,316	-0,001	0,012	0,043	FALSE
-0,055	0,323	-0,001	0,012	0,043	FALSE
0,009	0,315	0,000	0,011	0,012	FALSE
0,009	0,303	0,000	0,011	0,011	FALSE
0,025	0,313	0,000	0,012	0,006	FALSE
0,047	0,322	0,001	0,007	0,046	FALSE
0,007	0,308	0,000	0,009	0,015	FALSE
0,066	0,299	0,002	0,010	0,067	FALSE
-0,049	0,307	-0,001	0,006	0,061	FALSE
0,094	0,317	0,002	0,006	0,142	FALSE
0,084	0,317	0,002	0,008	0,118	FALSE
0,110	0,303	0,004	0,012	0,133	FALSE
0,026	0,294	0,001	0,008	0,043	FALSE
0,063	0,310	0,002	0,010	0,072	FALSE
-0,034	0,310	-0,001	0,011	0,038	FALSE
0,118	0,311	0,003	0,008	0,138	FALSE
-0,076	0,308	-0,002	0,006	0,113	FALSE
0,199	0,284	0,005	0,006	0,368	FALSE
0,155	0,290	0,004	0,007	0,269	FALSE
0,076	0,306	0,003	0,009	0,134	FALSE
0,062	0,303	0,002	0,011	0,068	FALSE
-0,009	0,317	-0,001	0,007	0,048	FALSE
-0,030	0,311	-0,001	0,013	0,023	FALSE
0,049	0,308	0,001	0,007	0,061	FALSE
-0,074	0,313	-0,003	0,012	0,090	FALSE

-0,010	0,308	0,000	0,008	0,018	FALSE
0,031	0,309	0,001	0,012	0,027	FALSE
0,058	0,310	0,001	0,007	0,071	FALSE
-0,091	0,305	-0,004	0,012	0,130	FALSE
-0,054	0,316	-0,002	0,011	0,053	FALSE
-0,043	0,305	-0,001	0,011	0,042	FALSE
-0,114	0,303	-0,004	0,011	0,136	FALSE
-0,061	0,308	-0,001	0,007	0,067	FALSE
-0,076	0,310	-0,002	0,008	0,076	FALSE
-0,006	0,315	0,000	0,008	0,011	FALSE
-0,026	0,323	-0,001	0,012	0,033	FALSE
0,089	0,312	0,002	0,008	0,077	FALSE
0,033	0,295	0,001	0,010	0,023	FALSE
0,007	0,304	0,000	0,008	0,003	FALSE
-0,048	0,302	-0,002	0,012	0,056	FALSE
0,050	0,313	0,002	0,007	0,087	FALSE
-0,005	0,284	-0,001	0,008	0,066	FALSE
0,098	0,298	0,003	0,006	0,168	FALSE
-0,078	0,314	-0,003	0,009	0,125	FALSE
-0,134	0,307	-0,004	0,010	0,190	FALSE
-0,155	0,298	-0,005	0,009	0,226	FALSE
-0,091	0,303	-0,003	0,009	0,117	FALSE
0,006	0,315	0,000	0,007	0,004	FALSE
0,038	0,308	0,001	0,006	0,061	FALSE
-0,055	0,316	-0,001	0,010	0,042	FALSE
-0,118	0,319	-0,004	0,011	0,143	FALSE
-0,012	0,296	0,000	0,006	0,014	FALSE
-0,127	0,304	-0,003	0,006	0,168	FALSE
-0,146	0,293	-0,004	0,008	0,221	FALSE
0,083	0,308	0,003	0,012	0,086	FALSE
-0,056	0,313	-0,002	0,010	0,075	FALSE
-0,082	0,314	-0,002	0,007	0,100	FALSE
0,034	0,309	0,001	0,013	0,036	FALSE
0,081	0,308	0,003	0,012	0,102	FALSE
0,074	0,301	0,003	0,012	0,094	FALSE
0,087	0,307	0,004	0,013	0,112	FALSE
0,061	0,300	0,001	0,008	0,042	FALSE
-0,043	0,306	-0,003	0,012	0,087	FALSE
-0,007	0,312	0,000	0,006	0,000	FALSE
-0,020	0,308	-0,001	0,010	0,039	FALSE
0,014	0,298	0,000	0,007	0,010	FALSE
-0,032	0,307	-0,002	0,012	0,046	FALSE
-0,111	0,310	-0,003	0,009	0,139	FALSE
-0,073	0,303	-0,002	0,010	0,076	FALSE
0,099	0,309	0,004	0,010	0,159	FALSE
-0,013	0,303	0,000	0,008	0,002	FALSE
0,141	0,301	0,003	0,007	0,191	FALSE
-0,080	0,297	-0,001	0,007	0,074	FALSE
-0,024	0,311	0,000	0,007	0,001	FALSE
-0,055	0,304	-0,002	0,007	0,100	FALSE
-0,062	0,309	-0,002	0,007	0,092	FALSE
0,049	0,306	0,001	0,010	0,050	FALSE
0,037	0,303	0,002	0,010	0,061	FALSE

0,029	0,297	0,001	0,008	0,048	FALSE
-0,022	0,312	0,000	0,010	0,003	FALSE
0,035	0,298	0,001	0,007	0,067	FALSE
0,084	0,295	0,002	0,006	0,139	FALSE
0,075	0,312	0,003	0,010	0,102	FALSE
0,021	0,311	0,000	0,009	0,014	FALSE
-0,093	0,294	-0,003	0,010	0,127	FALSE
0,128	0,309	0,004	0,009	0,182	FALSE
0,007	0,315	0,000	0,009	0,010	FALSE
-0,002	0,306	0,000	0,006	0,025	FALSE
0,052	0,319	0,001	0,008	0,053	FALSE
0,021	0,316	0,000	0,007	0,015	FALSE
0,053	0,317	0,001	0,008	0,067	FALSE
0,021	0,305	0,001	0,012	0,042	FALSE
0,127	0,317	0,003	0,007	0,173	FALSE
0,019	0,301	0,000	0,008	0,021	FALSE
-0,009	0,304	0,001	0,012	0,021	FALSE
0,028	0,309	0,001	0,008	0,060	FALSE
0,072	0,303	0,002	0,008	0,087	FALSE
0,055	0,310	0,002	0,007	0,085	FALSE
0,065	0,311	0,002	0,010	0,065	FALSE
0,040	0,310	0,001	0,008	0,063	FALSE
-0,041	0,316	-0,001	0,011	0,041	FALSE
0,050	0,305	0,003	0,012	0,106	FALSE
-0,012	0,305	-0,001	0,010	0,036	FALSE
-0,009	0,318	-0,001	0,011	0,031	FALSE
0,037	0,314	0,003	0,011	0,093	FALSE
0,021	0,314	0,000	0,007	0,023	FALSE
0,060	0,301	0,002	0,011	0,060	FALSE
0,125	0,299	0,005	0,011	0,174	FALSE
-0,112	0,294	-0,005	0,011	0,166	FALSE
0,037	0,312	0,001	0,011	0,032	FALSE
0,054	0,316	0,002	0,008	0,075	FALSE
0,042	0,302	0,002	0,009	0,078	FALSE
-0,008	0,308	0,000	0,012	0,005	FALSE
-0,019	0,301	0,000	0,008	0,004	FALSE
0,083	0,295	0,002	0,007	0,087	FALSE
-0,167	0,313	-0,005	0,008	0,274	FALSE
0,079	0,316	0,004	0,013	0,119	FALSE
-0,067	0,303	-0,002	0,007	0,087	FALSE
-0,092	0,300	-0,003	0,009	0,138	FALSE
0,000	0,316	0,000	0,012	0,003	FALSE
-0,076	0,291	-0,003	0,010	0,095	FALSE
-0,092	0,305	-0,003	0,011	0,105	FALSE
-0,060	0,302	-0,003	0,011	0,083	FALSE
-0,044	0,304	-0,001	0,009	0,041	FALSE
0,075	0,312	0,001	0,008	0,060	FALSE
-0,055	0,295	-0,002	0,010	0,060	FALSE
0,014	0,316	0,000	0,009	0,002	FALSE
0,044	0,303	0,001	0,008	0,040	FALSE
-0,103	0,309	-0,003	0,011	0,116	FALSE
-0,142	0,308	-0,006	0,012	0,193	FALSE
-0,004	0,305	0,000	0,009	0,014	FALSE

0,004	0,304	0,001	0,009	0,022	FALSE
0,118	0,296	0,005	0,011	0,188	FALSE
0,024	0,295	0,001	0,007	0,052	FALSE
0,043	0,296	0,001	0,008	0,028	FALSE
-0,049	0,318	-0,001	0,009	0,061	FALSE
0,000	0,298	0,001	0,008	0,025	FALSE
-0,094	0,311	-0,002	0,008	0,110	FALSE
-0,082	0,305	-0,002	0,012	0,069	FALSE
0,048	0,302	0,001	0,007	0,057	FALSE
0,021	0,298	0,000	0,007	0,004	FALSE
0,136	0,316	0,003	0,009	0,149	FALSE
0,136	0,296	0,004	0,011	0,159	FALSE
0,130	0,296	0,004	0,011	0,164	FALSE
-0,008	0,307	0,000	0,007	0,012	FALSE
0,025	0,315	0,000	0,008	0,004	FALSE
-0,042	0,305	-0,002	0,012	0,047	FALSE
-0,056	0,301	-0,001	0,006	0,075	FALSE
0,115	0,316	0,003	0,008	0,134	FALSE
0,031	0,308	0,000	0,007	0,021	FALSE
0,117	0,294	0,003	0,008	0,161	FALSE
0,103	0,318	0,003	0,009	0,121	FALSE
-0,039	0,306	-0,001	0,009	0,031	FALSE
-0,045	0,302	-0,002	0,010	0,077	FALSE
0,073	0,302	0,002	0,007	0,103	FALSE
0,048	0,302	0,001	0,007	0,066	FALSE
0,059	0,300	0,002	0,007	0,086	FALSE
0,032	0,300	0,001	0,011	0,032	FALSE
0,139	0,314	0,005	0,011	0,197	FALSE
0,153	0,316	0,006	0,011	0,230	FALSE
0,089	0,307	0,002	0,008	0,111	FALSE
-0,214	0,299	-0,009	0,011	0,362	FALSE
-0,150	0,290	-0,006	0,011	0,251	FALSE
-0,016	0,295	-0,001	0,009	0,051	FALSE
0,029	0,301	0,001	0,007	0,036	FALSE
0,001	0,317	0,000	0,007	0,015	FALSE
0,100	0,298	0,005	0,013	0,170	FALSE
-0,043	0,313	-0,001	0,007	0,064	FALSE
0,042	0,308	0,001	0,010	0,052	FALSE
-0,128	0,301	-0,004	0,011	0,153	FALSE
0,011	0,317	0,000	0,009	0,013	FALSE
0,032	0,312	0,001	0,009	0,026	FALSE
0,073	0,313	0,002	0,009	0,092	FALSE
0,042	0,302	0,000	0,006	0,030	FALSE
-0,132	0,296	-0,004	0,009	0,201	FALSE
-0,044	0,312	-0,001	0,008	0,051	FALSE
-0,040	0,306	-0,001	0,008	0,039	FALSE
-0,035	0,323	-0,001	0,007	0,049	FALSE
0,035	0,304	0,000	0,007	0,009	FALSE
-0,082	0,312	-0,002	0,006	0,109	FALSE
-0,089	0,316	-0,002	0,006	0,125	FALSE
0,162	0,294	0,006	0,009	0,291	FALSE
-0,011	0,327	-0,001	0,011	0,022	FALSE
0,177	0,293	0,007	0,010	0,321	FALSE

0,145	0,303	0,006	0,009	0,268	FALSE
-0,095	0,317	-0,006	0,014	0,180	FALSE
0,004	0,314	0,000	0,007	0,016	FALSE
-0,102	0,305	-0,005	0,011	0,181	FALSE
-0,072	0,298	-0,004	0,011	0,142	FALSE
-0,069	0,305	-0,004	0,010	0,143	FALSE
-0,072	0,304	-0,002	0,010	0,064	FALSE
-0,228	0,293	-0,006	0,008	0,361	FALSE
-0,043	0,312	-0,002	0,011	0,065	FALSE
-0,167	0,302	-0,005	0,009	0,266	FALSE
0,101	0,300	0,002	0,009	0,090	FALSE
0,007	0,315	0,000	0,011	0,006	FALSE
0,055	0,306	0,003	0,012	0,085	FALSE
0,112	0,315	0,002	0,006	0,112	FALSE
-0,034	0,302	-0,001	0,009	0,057	FALSE
-0,018	0,311	0,000	0,011	0,007	FALSE
-0,059	0,311	-0,002	0,011	0,051	FALSE
0,059	0,308	0,003	0,012	0,088	FALSE
-0,005	0,304	0,000	0,008	0,008	FALSE
0,161	0,287	0,004	0,007	0,243	FALSE
0,010	0,300	0,000	0,007	0,000	FALSE
-0,006	0,312	0,000	0,006	0,019	FALSE
-0,089	0,314	-0,003	0,011	0,108	FALSE
-0,099	0,310	-0,004	0,012	0,127	FALSE
-0,085	0,306	-0,004	0,013	0,109	FALSE
-0,104	0,302	-0,004	0,011	0,130	FALSE
0,063	0,306	0,002	0,007	0,093	FALSE
-0,118	0,313	-0,004	0,012	0,146	FALSE
0,087	0,301	0,003	0,009	0,121	FALSE
-0,101	0,312	-0,003	0,010	0,121	FALSE
-0,007	0,306	0,001	0,011	0,023	FALSE
0,083	0,299	0,005	0,013	0,174	FALSE
-0,090	0,296	-0,003	0,011	0,119	FALSE
0,054	0,303	0,003	0,009	0,122	FALSE
-0,095	0,311	-0,004	0,012	0,121	FALSE
-0,018	0,304	0,000	0,008	0,021	FALSE
0,079	0,301	0,003	0,008	0,138	FALSE
-0,117	0,315	-0,003	0,009	0,136	FALSE
0,012	0,317	0,000	0,013	0,001	FALSE
-0,058	0,308	-0,003	0,012	0,107	FALSE
0,028	0,313	-0,001	0,010	0,024	FALSE
0,104	0,310	0,002	0,008	0,126	FALSE
-0,025	0,300	0,000	0,006	0,009	FALSE
-0,040	0,311	-0,001	0,007	0,033	FALSE
-0,060	0,302	-0,002	0,012	0,066	FALSE
0,106	0,317	0,003	0,007	0,148	FALSE
0,036	0,305	0,001	0,007	0,040	FALSE
-0,118	0,308	-0,003	0,009	0,135	FALSE
0,051	0,302	0,002	0,007	0,091	FALSE
0,017	0,321	0,000	0,007	0,019	FALSE
0,009	0,314	0,001	0,008	0,025	FALSE
0,011	0,309	0,001	0,007	0,030	FALSE
-0,205	0,295	-0,007	0,010	0,297	FALSE

0,043	0,309	0,001	0,006	0,049	FALSE
0,063	0,298	0,001	0,007	0,070	FALSE
0,092	0,291	0,003	0,007	0,157	FALSE
-0,056	0,297	-0,001	0,007	0,077	FALSE
0,001	0,310	0,000	0,011	0,013	FALSE
0,001	0,295	0,000	0,007	0,017	FALSE
0,005	0,312	0,000	0,009	0,003	FALSE
0,025	0,300	0,001	0,006	0,059	FALSE
-0,007	0,311	0,000	0,009	0,003	FALSE
0,007	0,326	0,000	0,011	0,010	FALSE
-0,031	0,320	-0,001	0,010	0,043	FALSE
-0,083	0,301	-0,002	0,007	0,098	FALSE
-0,021	0,318	-0,001	0,007	0,034	FALSE
0,089	0,313	0,002	0,006	0,112	FALSE
0,165	0,305	0,005	0,011	0,204	FALSE
0,080	0,306	0,002	0,007	0,094	FALSE
0,085	0,297	0,002	0,007	0,097	FALSE
0,017	0,299	0,001	0,008	0,045	FALSE
-0,004	0,314	0,000	0,009	0,018	FALSE
0,009	0,308	0,000	0,008	0,013	FALSE
-0,013	0,301	0,000	0,008	0,012	FALSE
-0,025	0,309	-0,001	0,012	0,026	FALSE
0,088	0,299	0,002	0,007	0,092	FALSE
0,040	0,309	0,001	0,008	0,039	FALSE
0,023	0,304	0,001	0,007	0,031	FALSE
-0,100	0,301	-0,003	0,011	0,089	FALSE
-0,072	0,304	-0,001	0,007	0,058	FALSE
-0,047	0,308	-0,001	0,010	0,026	FALSE
-0,139	0,317	-0,004	0,009	0,179	FALSE
-0,153	0,311	-0,004	0,009	0,207	FALSE
-0,042	0,304	-0,001	0,007	0,049	FALSE
0,083	0,296	0,003	0,012	0,106	FALSE
-0,004	0,334	-0,001	0,011	0,019	FALSE
0,027	0,320	0,000	0,011	0,010	FALSE
0,031	0,308	0,001	0,007	0,026	FALSE
0,108	0,304	0,002	0,007	0,119	FALSE
-0,036	0,315	-0,002	0,012	0,062	FALSE
0,003	0,307	0,001	0,007	0,027	FALSE
0,063	0,302	0,002	0,009	0,100	FALSE
-0,060	0,313	-0,002	0,010	0,083	FALSE
0,065	0,303	0,002	0,009	0,096	FALSE
-0,019	0,318	-0,001	0,011	0,026	FALSE
0,030	0,309	0,001	0,008	0,040	FALSE
-0,013	0,315	-0,001	0,012	0,021	FALSE
0,106	0,307	0,004	0,012	0,154	FALSE
-0,033	0,294	-0,002	0,012	0,065	FALSE
0,041	0,311	0,002	0,012	0,060	FALSE
-0,037	0,309	-0,002	0,009	0,063	FALSE
-0,133	0,314	-0,003	0,008	0,188	FALSE
-0,134	0,305	-0,004	0,009	0,196	FALSE
-0,024	0,312	0,000	0,007	0,017	FALSE
-0,018	0,307	-0,001	0,011	0,030	FALSE
-0,132	0,299	-0,004	0,011	0,164	FALSE

0,034	0,303	0,001	0,010	0,024	FALSE
0,010	0,299	-0,001	0,011	0,027	FALSE
0,072	0,315	0,002	0,007	0,084	FALSE
0,032	0,293	0,000	0,012	0,004	FALSE
0,063	0,321	0,001	0,009	0,049	FALSE
0,047	0,313	0,001	0,010	0,020	FALSE
0,085	0,321	0,001	0,008	0,070	FALSE
-0,129	0,287	-0,007	0,012	0,268	FALSE
0,060	0,317	0,003	0,013	0,082	FALSE
0,146	0,299	0,006	0,011	0,220	FALSE
0,016	0,309	0,001	0,008	0,036	FALSE
-0,091	0,305	-0,002	0,007	0,100	FALSE
0,260	0,298	0,009	0,010	0,449	FALSE
-0,106	0,306	-0,003	0,007	0,155	FALSE
-0,091	0,302	-0,002	0,006	0,120	FALSE
0,043	0,307	0,002	0,008	0,071	FALSE
0,013	0,298	0,001	0,010	0,037	FALSE
0,148	0,297	0,003	0,006	0,203	FALSE
0,023	0,291	0,000	0,007	0,003	FALSE
0,074	0,325	0,002	0,013	0,072	FALSE
0,054	0,318	0,002	0,013	0,054	FALSE
0,111	0,311	0,002	0,007	0,115	FALSE
-0,060	0,318	-0,001	0,013	0,041	FALSE
0,139	0,299	0,004	0,008	0,231	FALSE
0,038	0,294	0,000	0,008	0,014	FALSE
0,061	0,311	0,001	0,008	0,047	FALSE
0,005	0,316	0,000	0,012	0,008	FALSE
-0,147	0,308	-0,006	0,013	0,196	FALSE
-0,096	0,326	-0,003	0,008	0,135	FALSE
-0,064	0,312	-0,002	0,008	0,090	FALSE
0,052	0,293	0,001	0,011	0,029	FALSE
0,145	0,297	0,005	0,013	0,160	FALSE
0,100	0,314	0,002	0,007	0,111	FALSE
0,015	0,307	0,000	0,010	0,004	FALSE
-0,049	0,313	-0,001	0,006	0,063	FALSE
-0,056	0,317	-0,002	0,011	0,067	FALSE
-0,065	0,307	-0,002	0,010	0,081	FALSE
0,059	0,305	0,002	0,008	0,080	FALSE
-0,037	0,297	-0,001	0,009	0,044	FALSE
0,075	0,314	0,004	0,011	0,136	FALSE
0,056	0,308	0,002	0,013	0,063	FALSE
0,008	0,316	0,000	0,009	0,003	FALSE
-0,052	0,301	-0,001	0,009	0,053	FALSE
0,006	0,308	0,000	0,008	0,006	FALSE
-0,004	0,313	0,000	0,010	0,001	FALSE
0,051	0,320	0,002	0,013	0,057	FALSE
-0,109	0,300	-0,003	0,008	0,152	FALSE
0,034	0,299	0,001	0,006	0,061	FALSE
0,045	0,313	0,001	0,006	0,061	FALSE
-0,007	0,303	0,000	0,007	0,008	FALSE
0,011	0,318	0,000	0,007	0,024	FALSE
-0,045	0,309	-0,001	0,009	0,061	FALSE
-0,038	0,297	-0,001	0,006	0,053	FALSE

-0,019	0,301	-0,001	0,011	0,027	FALSE
-0,022	0,294	-0,002	0,012	0,055	FALSE
-0,005	0,294	-0,002	0,010	0,055	FALSE
-0,011	0,303	0,000	0,007	0,013	FALSE
-0,020	0,313	-0,001	0,009	0,050	FALSE
0,003	0,302	0,000	0,007	0,010	FALSE
-0,006	0,307	0,000	0,007	0,014	FALSE
-0,120	0,307	-0,004	0,009	0,171	FALSE
-0,063	0,334	-0,002	0,011	0,066	FALSE
-0,068	0,309	-0,004	0,013	0,112	FALSE
-0,068	0,310	-0,004	0,012	0,115	FALSE
-0,055	0,301	-0,001	0,007	0,044	FALSE
-0,044	0,330	-0,001	0,007	0,028	FALSE
0,080	0,304	0,002	0,010	0,096	FALSE
0,011	0,299	0,001	0,007	0,030	FALSE
0,031	0,305	0,000	0,008	0,013	FALSE
-0,021	0,306	0,000	0,010	0,013	FALSE
-0,005	0,307	0,000	0,007	0,007	FALSE
-0,007	0,302	0,000	0,007	0,009	FALSE
0,023	0,299	0,001	0,007	0,052	FALSE
0,043	0,297	0,002	0,009	0,089	FALSE
0,012	0,312	0,001	0,007	0,034	FALSE
0,052	0,302	0,002	0,009	0,062	FALSE
0,105	0,306	0,004	0,012	0,152	FALSE
0,099	0,307	0,003	0,008	0,121	FALSE
0,002	0,297	0,000	0,011	0,011	FALSE
-0,044	0,306	-0,002	0,012	0,054	FALSE
0,046	0,313	0,001	0,007	0,073	FALSE
-0,022	0,310	0,000	0,013	0,002	FALSE
0,004	0,297	0,001	0,008	0,027	FALSE
-0,034	0,310	-0,001	0,007	0,030	FALSE
-0,046	0,321	-0,002	0,012	0,067	FALSE
0,038	0,311	0,001	0,008	0,043	FALSE
-0,224	0,299	-0,009	0,011	0,381	FALSE
-0,014	0,300	-0,001	0,007	0,049	FALSE
-0,112	0,314	-0,003	0,008	0,142	FALSE
0,152	0,297	0,003	0,007	0,212	FALSE
-0,028	0,307	-0,001	0,012	0,028	FALSE
-0,017	0,312	0,000	0,011	0,009	FALSE
-0,102	0,305	-0,004	0,012	0,120	FALSE
0,064	0,309	0,003	0,010	0,124	FALSE
0,007	0,304	0,000	0,009	0,009	FALSE
0,010	0,301	0,000	0,008	0,018	FALSE
0,013	0,291	0,001	0,007	0,033	FALSE
-0,051	0,309	-0,001	0,007	0,068	FALSE
-0,086	0,316	-0,004	0,012	0,127	FALSE
-0,029	0,294	-0,001	0,009	0,036	FALSE
0,018	0,321	0,001	0,012	0,031	FALSE
-0,048	0,302	-0,001	0,009	0,052	FALSE
0,028	0,292	0,001	0,007	0,044	FALSE
-0,047	0,294	-0,001	0,012	0,039	FALSE
-0,115	0,302	-0,005	0,010	0,208	FALSE
-0,112	0,307	-0,003	0,008	0,160	FALSE

0,002	0,313	0,001	0,012	0,022	FALSE
0,085	0,292	0,002	0,007	0,099	FALSE
-0,017	0,314	0,000	0,009	0,011	FALSE
0,059	0,311	0,002	0,012	0,051	FALSE
0,053	0,314	0,001	0,008	0,068	FALSE
-0,074	0,313	-0,002	0,011	0,063	FALSE
-0,112	0,306	-0,004	0,011	0,141	FALSE
-0,083	0,305	-0,003	0,011	0,099	FALSE
0,175	0,296	0,005	0,010	0,211	FALSE
-0,023	0,303	-0,001	0,007	0,041	FALSE
0,062	0,308	0,002	0,010	0,084	FALSE
0,073	0,317	0,003	0,009	0,112	FALSE
-0,156	0,296	-0,006	0,012	0,221	FALSE
0,032	0,293	0,001	0,009	0,046	FALSE
-0,089	0,305	-0,003	0,012	0,085	FALSE
-0,089	0,302	-0,003	0,012	0,096	FALSE
0,120	0,310	0,006	0,012	0,190	FALSE
0,165	0,294	0,006	0,011	0,226	FALSE
0,178	0,302	0,004	0,008	0,227	FALSE
0,100	0,294	0,002	0,008	0,086	FALSE
-0,006	0,302	-0,001	0,008	0,035	FALSE
0,032	0,304	0,001	0,007	0,059	FALSE
0,025	0,309	0,000	0,012	0,014	FALSE
0,040	0,293	0,001	0,006	0,071	FALSE
0,120	0,309	0,004	0,009	0,163	FALSE
0,018	0,322	0,001	0,013	0,029	FALSE
-0,062	0,317	-0,001	0,006	0,059	FALSE
0,072	0,295	0,003	0,009	0,118	FALSE
0,101	0,320	0,002	0,006	0,139	FALSE
-0,134	0,298	-0,003	0,006	0,180	FALSE
0,007	0,303	0,001	0,010	0,034	FALSE
-0,091	0,293	-0,003	0,007	0,134	FALSE
-0,032	0,308	0,000	0,009	0,017	FALSE
0,066	0,311	0,001	0,006	0,045	FALSE
0,067	0,305	0,001	0,006	0,040	FALSE
0,003	0,302	-0,001	0,012	0,029	FALSE
0,051	0,303	0,001	0,007	0,077	FALSE
-0,086	0,311	-0,003	0,012	0,098	FALSE
-0,071	0,301	-0,002	0,006	0,125	FALSE
0,064	0,306	0,003	0,009	0,125	FALSE
0,066	0,308	0,002	0,007	0,095	FALSE
-0,063	0,312	-0,003	0,012	0,101	FALSE
0,018	0,316	0,000	0,012	0,003	FALSE
-0,068	0,311	-0,001	0,006	0,075	FALSE
0,058	0,283	0,002	0,007	0,079	FALSE
-0,049	0,304	-0,001	0,011	0,043	FALSE
-0,059	0,312	-0,001	0,008	0,069	FALSE
0,138	0,302	0,003	0,006	0,168	FALSE
0,110	0,306	0,002	0,006	0,134	FALSE
0,019	0,293	0,000	0,006	0,000	FALSE
-0,044	0,297	-0,003	0,012	0,076	FALSE
0,028	0,313	0,001	0,013	0,030	FALSE
-0,062	0,312	-0,001	0,007	0,076	FALSE

-0,180	0,299	-0,008	0,012	0,281	FALSE
-0,017	0,302	-0,002	0,009	0,064	FALSE
0,054	0,300	0,001	0,007	0,046	FALSE
0,032	0,305	0,001	0,010	0,034	FALSE
0,122	0,313	0,004	0,010	0,160	FALSE
-0,017	0,312	-0,001	0,008	0,024	FALSE
-0,106	0,321	-0,004	0,012	0,145	FALSE
0,223	0,293	0,007	0,009	0,331	FALSE
0,134	0,315	0,004	0,011	0,158	FALSE
0,024	0,295	0,000	0,012	0,011	FALSE
-0,095	0,300	-0,003	0,009	0,133	FALSE
0,081	0,298	0,002	0,011	0,086	FALSE
0,084	0,304	0,002	0,011	0,084	FALSE
-0,004	0,306	0,001	0,010	0,018	FALSE
0,026	0,303	0,001	0,012	0,040	FALSE
-0,019	0,306	-0,001	0,008	0,045	FALSE
-0,124	0,295	-0,003	0,007	0,154	FALSE
0,012	0,318	0,001	0,012	0,031	FALSE
0,019	0,311	0,000	0,012	0,009	FALSE
0,096	0,292	0,003	0,011	0,116	FALSE
0,035	0,322	0,001	0,013	0,028	FALSE
-0,100	0,309	-0,003	0,008	0,154	FALSE
0,114	0,311	0,004	0,012	0,156	FALSE
0,070	0,306	0,002	0,008	0,081	FALSE
-0,139	0,316	-0,003	0,007	0,176	FALSE
0,100	0,303	0,003	0,012	0,107	FALSE
0,077	0,309	0,002	0,012	0,068	FALSE
-0,036	0,303	0,000	0,007	0,020	FALSE
-0,044	0,300	-0,002	0,009	0,093	FALSE
-0,051	0,307	-0,003	0,011	0,103	FALSE
-0,021	0,310	-0,001	0,009	0,038	FALSE
0,022	0,315	0,000	0,007	0,008	FALSE
-0,117	0,298	-0,002	0,007	0,137	FALSE
-0,056	0,288	-0,002	0,010	0,077	FALSE
-0,071	0,318	-0,002	0,008	0,106	FALSE
-0,057	0,303	-0,003	0,012	0,093	FALSE
0,012	0,307	0,000	0,008	0,009	FALSE
-0,013	0,312	-0,001	0,009	0,035	FALSE
-0,012	0,315	0,000	0,007	0,011	FALSE
-0,040	0,299	-0,002	0,011	0,051	FALSE
0,111	0,294	0,003	0,007	0,165	FALSE
0,086	0,310	0,004	0,013	0,115	FALSE
-0,086	0,292	-0,002	0,010	0,093	FALSE
-0,043	0,300	-0,002	0,010	0,085	FALSE
0,036	0,296	0,001	0,007	0,058	FALSE
-0,004	0,302	0,000	0,010	0,004	FALSE
0,007	0,300	0,000	0,012	0,002	FALSE
0,024	0,302	0,001	0,008	0,025	FALSE
-0,007	0,302	0,000	0,007	0,006	FALSE
0,028	0,302	0,001	0,012	0,025	FALSE
0,034	0,310	0,001	0,013	0,039	FALSE
-0,056	0,295	-0,002	0,010	0,084	FALSE
-0,012	0,302	-0,001	0,009	0,025	FALSE

-0,036	0,311	-0,001	0,009	0,036	FALSE
0,024	0,314	0,001	0,011	0,028	FALSE
0,041	0,311	0,001	0,011	0,046	FALSE
-0,001	0,326	0,000	0,011	0,005	FALSE
-0,038	0,303	-0,002	0,012	0,048	FALSE
-0,021	0,301	-0,002	0,013	0,049	FALSE
-0,058	0,307	0,000	0,006	0,026	FALSE
0,128	0,282	0,006	0,011	0,247	FALSE
-0,022	0,316	0,000	0,008	0,012	FALSE
0,019	0,313	0,000	0,010	0,015	FALSE
0,026	0,311	0,001	0,007	0,033	FALSE
-0,119	0,296	-0,003	0,008	0,165	FALSE
-0,061	0,301	-0,002	0,008	0,079	FALSE
0,050	0,301	0,001	0,008	0,063	FALSE
0,127	0,312	0,006	0,013	0,177	FALSE
0,030	0,300	0,001	0,008	0,038	FALSE
0,107	0,292	0,004	0,012	0,147	FALSE
-0,028	0,313	-0,001	0,011	0,047	FALSE
-0,075	0,277	-0,003	0,012	0,119	FALSE
-0,030	0,301	-0,002	0,011	0,058	FALSE
-0,119	0,297	-0,005	0,012	0,154	FALSE
0,151	0,295	0,005	0,010	0,239	FALSE
0,058	0,294	0,001	0,006	0,039	FALSE
-0,047	0,304	-0,002	0,009	0,068	FALSE
-0,084	0,313	-0,002	0,008	0,117	FALSE
-0,130	0,313	-0,002	0,006	0,149	FALSE
0,008	0,312	0,000	0,008	0,015	FALSE
-0,155	0,321	-0,003	0,007	0,187	FALSE
-0,010	0,300	0,000	0,012	0,003	FALSE
-0,074	0,303	-0,003	0,011	0,113	FALSE
-0,058	0,309	-0,002	0,013	0,067	FALSE
-0,014	0,302	-0,001	0,011	0,023	FALSE
0,112	0,293	0,004	0,012	0,121	TRUE
-0,152	0,289	-0,006	0,011	0,238	FALSE
-0,156	0,290	-0,006	0,010	0,235	FALSE
0,049	0,298	0,003	0,012	0,097	FALSE
-0,147	0,295	-0,004	0,007	0,231	FALSE
0,009	0,318	0,001	0,010	0,026	FALSE
0,000	0,303	0,000	0,010	0,013	FALSE
0,063	0,288	0,002	0,010	0,094	FALSE
-0,003	0,307	0,000	0,011	0,005	FALSE
0,018	0,303	0,001	0,011	0,020	FALSE
-0,053	0,309	-0,002	0,011	0,059	FALSE
-0,025	0,308	-0,001	0,008	0,050	FALSE
0,001	0,305	0,000	0,010	0,012	FALSE
0,014	0,307	0,000	0,011	0,006	FALSE
-0,052	0,304	-0,002	0,008	0,100	FALSE
-0,058	0,316	-0,001	0,007	0,063	FALSE
-0,094	0,319	-0,003	0,013	0,098	FALSE
0,110	0,304	0,003	0,012	0,111	FALSE
0,041	0,305	0,001	0,012	0,032	FALSE
0,095	0,304	0,002	0,006	0,107	FALSE
-0,035	0,307	-0,002	0,008	0,079	FALSE

0,031	0,297	0,001	0,011	0,031	FALSE
0,080	0,321	0,002	0,006	0,090	FALSE
-0,068	0,305	-0,002	0,008	0,083	FALSE
-0,009	0,296	0,000	0,009	0,000	FALSE
-0,010	0,309	-0,001	0,008	0,042	FALSE
-0,083	0,301	-0,002	0,007	0,132	FALSE
0,207	0,293	0,007	0,010	0,343	FALSE
0,181	0,297	0,008	0,013	0,286	FALSE
-0,072	0,312	-0,003	0,012	0,109	FALSE
0,063	0,308	0,002	0,007	0,109	FALSE
-0,125	0,309	-0,005	0,013	0,168	FALSE
0,032	0,304	0,003	0,011	0,096	FALSE
0,052	0,299	0,002	0,007	0,093	FALSE
0,012	0,310	0,000	0,011	0,002	FALSE
0,102	0,304	0,002	0,010	0,100	FALSE
-0,017	0,314	-0,001	0,010	0,030	FALSE
-0,036	0,302	-0,001	0,008	0,044	FALSE
-0,012	0,320	0,000	0,006	0,023	FALSE
0,103	0,300	0,002	0,007	0,131	FALSE
0,010	0,305	0,000	0,007	0,011	FALSE
0,006	0,326	0,001	0,013	0,015	FALSE
0,038	0,298	0,001	0,006	0,057	FALSE
0,010	0,310	0,000	0,011	0,007	FALSE
0,068	0,314	0,002	0,010	0,087	FALSE
0,067	0,317	0,002	0,010	0,094	FALSE
0,081	0,312	0,003	0,010	0,106	FALSE
0,009	0,309	0,000	0,006	0,021	FALSE
0,136	0,279	0,006	0,011	0,246	FALSE
-0,074	0,316	-0,002	0,011	0,078	FALSE
0,108	0,294	0,005	0,012	0,159	FALSE
0,172	0,293	0,005	0,008	0,279	FALSE
-0,017	0,310	0,000	0,010	0,005	FALSE
-0,021	0,299	0,000	0,008	0,008	FALSE
0,066	0,310	0,002	0,009	0,087	FALSE
0,060	0,298	0,003	0,011	0,102	FALSE
0,041	0,318	0,002	0,012	0,067	FALSE
-0,084	0,299	-0,003	0,011	0,114	FALSE
0,111	0,313	0,005	0,012	0,161	FALSE
0,080	0,314	0,001	0,007	0,064	FALSE
0,070	0,296	0,001	0,007	0,039	FALSE
-0,063	0,315	-0,003	0,009	0,113	FALSE
0,081	0,292	0,001	0,007	0,061	FALSE
0,001	0,300	0,000	0,006	0,008	FALSE
0,044	0,316	0,001	0,007	0,031	FALSE
0,107	0,313	0,004	0,011	0,158	FALSE
-0,046	0,304	-0,001	0,008	0,039	FALSE
-0,090	0,310	-0,004	0,013	0,109	FALSE
-0,171	0,306	-0,007	0,012	0,225	FALSE
0,012	0,301	0,000	0,008	0,008	FALSE
0,029	0,298	0,001	0,006	0,029	FALSE
0,026	0,303	0,001	0,012	0,032	FALSE
-0,202	0,295	-0,008	0,011	0,301	FALSE
0,073	0,319	0,002	0,011	0,083	FALSE

0,090	0,305	0,003	0,011	0,106	FALSE
0,137	0,311	0,005	0,011	0,194	FALSE
-0,100	0,311	-0,002	0,007	0,131	FALSE
0,053	0,300	0,001	0,009	0,057	FALSE
0,029	0,312	0,000	0,007	0,011	FALSE
0,068	0,319	0,001	0,007	0,068	FALSE
-0,024	0,313	0,000	0,009	0,015	FALSE
-0,090	0,310	-0,002	0,008	0,112	FALSE
0,086	0,312	0,003	0,010	0,108	FALSE
0,057	0,300	0,002	0,009	0,082	FALSE
0,098	0,309	0,004	0,012	0,145	FALSE
0,149	0,304	0,005	0,012	0,160	FALSE
-0,086	0,312	-0,003	0,009	0,122	FALSE
-0,001	0,312	-0,001	0,011	0,026	FALSE
-0,055	0,299	-0,001	0,012	0,041	FALSE
0,172	0,294	0,004	0,006	0,250	FALSE
0,039	0,295	0,001	0,006	0,054	FALSE
-0,016	0,308	-0,001	0,011	0,040	FALSE
-0,103	0,299	-0,004	0,009	0,177	FALSE
0,021	0,304	0,002	0,012	0,045	FALSE
0,003	0,313	0,000	0,010	0,004	FALSE
0,047	0,297	0,002	0,010	0,079	FALSE
-0,029	0,323	-0,001	0,007	0,032	FALSE
-0,030	0,305	-0,001	0,006	0,041	FALSE
-0,106	0,307	-0,004	0,012	0,125	FALSE
-0,109	0,308	-0,004	0,012	0,135	FALSE
-0,077	0,308	-0,003	0,012	0,087	FALSE
0,087	0,310	0,002	0,007	0,119	FALSE
-0,034	0,315	-0,001	0,012	0,044	FALSE
-0,030	0,314	-0,002	0,012	0,048	FALSE
-0,071	0,293	-0,002	0,012	0,059	FALSE
0,039	0,316	0,001	0,011	0,032	FALSE
-0,029	0,311	0,000	0,007	0,020	FALSE
-0,094	0,316	-0,004	0,013	0,135	FALSE
-0,083	0,304	-0,002	0,007	0,120	FALSE
-0,068	0,315	-0,001	0,007	0,074	FALSE
0,010	0,313	0,000	0,007	0,015	FALSE
0,126	0,299	0,002	0,007	0,123	FALSE
0,069	0,291	0,001	0,007	0,061	FALSE
-0,094	0,299	-0,004	0,011	0,144	FALSE
-0,004	0,306	-0,001	0,008	0,024	FALSE
0,052	0,298	0,001	0,007	0,045	FALSE
-0,024	0,302	-0,001	0,008	0,052	FALSE
-0,070	0,301	-0,001	0,007	0,066	FALSE
-0,085	0,306	-0,002	0,007	0,138	FALSE
-0,022	0,306	-0,001	0,009	0,031	FALSE
-0,082	0,304	-0,002	0,006	0,145	FALSE
-0,095	0,300	-0,003	0,007	0,183	FALSE
0,006	0,300	0,000	0,009	0,002	FALSE
-0,056	0,297	-0,001	0,006	0,084	FALSE
0,005	0,317	0,001	0,009	0,028	FALSE
0,025	0,314	0,000	0,009	0,002	FALSE
0,045	0,304	0,002	0,012	0,073	FALSE

-0,034	0,309	-0,001	0,007	0,047	FALSE
0,055	0,302	0,001	0,006	0,035	FALSE
0,015	0,324	0,000	0,008	0,004	FALSE
0,144	0,308	0,003	0,006	0,186	FALSE
-0,024	0,315	-0,001	0,012	0,039	FALSE
-0,073	0,300	-0,003	0,012	0,106	FALSE
-0,079	0,319	-0,004	0,012	0,127	FALSE
0,055	0,304	0,001	0,008	0,030	FALSE
0,006	0,318	0,000	0,010	0,011	FALSE
-0,026	0,321	-0,001	0,011	0,037	FALSE
-0,092	0,306	-0,004	0,013	0,114	FALSE
-0,091	0,311	-0,003	0,013	0,102	FALSE
-0,002	0,315	0,000	0,008	0,010	FALSE
0,103	0,293	0,003	0,009	0,132	FALSE
0,005	0,321	0,000	0,012	0,014	FALSE
0,052	0,305	0,002	0,012	0,046	FALSE
-0,027	0,305	-0,001	0,012	0,027	FALSE
0,047	0,301	0,001	0,012	0,037	FALSE
-0,034	0,319	-0,001	0,012	0,039	FALSE
0,011	0,304	0,001	0,012	0,019	FALSE
-0,001	0,315	0,000	0,012	0,002	FALSE
0,023	0,308	0,001	0,012	0,032	FALSE
-0,022	0,307	-0,001	0,013	0,030	FALSE
-0,087	0,301	-0,002	0,007	0,120	FALSE
-0,006	0,307	0,000	0,010	0,001	FALSE
0,009	0,300	0,001	0,010	0,018	FALSE
0,029	0,284	0,001	0,010	0,053	FALSE
0,001	0,299	0,000	0,010	0,005	FALSE
-0,001	0,305	0,000	0,008	0,002	FALSE
-0,027	0,303	-0,001	0,010	0,018	FALSE
0,004	0,307	0,000	0,010	0,009	FALSE
-0,001	0,307	0,000	0,010	0,008	FALSE
0,033	0,322	0,001	0,009	0,051	FALSE
0,046	0,305	0,002	0,011	0,074	FALSE
-0,063	0,309	-0,002	0,011	0,088	FALSE
-0,155	0,307	-0,003	0,006	0,205	FALSE
-0,060	0,305	-0,003	0,011	0,100	FALSE
-0,066	0,308	-0,001	0,010	0,050	FALSE
-0,021	0,305	0,000	0,007	0,002	FALSE
0,081	0,298	0,002	0,008	0,086	FALSE
-0,030	0,305	-0,001	0,013	0,025	FALSE
0,134	0,296	0,004	0,008	0,198	FALSE
-0,008	0,309	-0,001	0,007	0,028	FALSE
0,127	0,308	0,002	0,006	0,150	FALSE
0,063	0,310	0,002	0,007	0,107	FALSE
-0,046	0,322	-0,002	0,012	0,064	FALSE
-0,019	0,321	0,000	0,007	0,009	FALSE
-0,040	0,303	-0,001	0,008	0,059	FALSE
0,116	0,292	0,006	0,012	0,188	FALSE
0,011	0,327	0,000	0,012	0,002	FALSE
0,102	0,296	0,004	0,008	0,217	FALSE
-0,016	0,313	0,000	0,008	0,020	FALSE
0,062	0,311	0,002	0,010	0,082	FALSE

-0,071	0,297	-0,001	0,007	0,056	FALSE
0,071	0,308	0,003	0,010	0,101	FALSE
0,008	0,297	0,000	0,011	0,008	FALSE
-0,002	0,319	0,000	0,011	0,006	FALSE
0,146	0,310	0,004	0,008	0,186	FALSE
0,000	0,305	0,000	0,006	0,022	FALSE
0,041	0,295	0,001	0,009	0,055	FALSE
-0,040	0,303	-0,001	0,010	0,047	FALSE
0,048	0,300	0,002	0,007	0,087	FALSE
0,031	0,303	0,001	0,009	0,036	FALSE
-0,022	0,308	-0,001	0,008	0,051	FALSE
-0,054	0,320	-0,001	0,008	0,061	FALSE
0,086	0,319	0,004	0,013	0,108	FALSE
0,072	0,315	0,004	0,012	0,135	FALSE
-0,114	0,303	-0,002	0,006	0,139	FALSE
0,026	0,310	0,001	0,009	0,053	FALSE
0,063	0,310	0,003	0,012	0,087	FALSE
0,077	0,308	0,003	0,012	0,100	FALSE
-0,146	0,307	-0,003	0,006	0,207	FALSE
0,093	0,318	0,004	0,012	0,118	FALSE
0,010	0,301	0,000	0,007	0,022	FALSE
-0,133	0,300	-0,003	0,008	0,167	FALSE
-0,015	0,308	-0,001	0,012	0,015	FALSE
-0,077	0,305	-0,002	0,007	0,084	FALSE
0,082	0,307	0,003	0,011	0,110	FALSE
0,003	0,310	-0,001	0,007	0,032	FALSE
0,054	0,303	0,000	0,007	0,021	FALSE
0,005	0,305	0,000	0,012	0,002	FALSE
-0,015	0,315	-0,001	0,012	0,033	FALSE
0,105	0,305	0,003	0,008	0,154	FALSE
-0,011	0,310	0,000	0,008	0,018	FALSE
-0,099	0,311	-0,003	0,008	0,154	FALSE
-0,041	0,309	-0,001	0,006	0,054	FALSE
0,005	0,307	0,001	0,012	0,023	FALSE
0,042	0,319	0,001	0,013	0,037	FALSE
0,117	0,311	0,003	0,008	0,149	FALSE
-0,078	0,300	-0,004	0,012	0,121	FALSE
-0,044	0,316	-0,001	0,007	0,029	FALSE
0,010	0,300	0,000	0,010	0,009	FALSE
-0,017	0,310	-0,001	0,011	0,043	FALSE
0,014	0,306	0,000	0,011	0,011	FALSE
0,017	0,320	-0,001	0,011	0,017	FALSE
0,014	0,310	0,001	0,008	0,033	FALSE
-0,014	0,306	0,000	0,011	0,005	FALSE
0,019	0,311	0,001	0,009	0,054	FALSE
-0,009	0,278	0,000	0,011	0,001	FALSE
0,062	0,304	0,002	0,011	0,076	FALSE
-0,151	0,301	-0,005	0,012	0,195	FALSE
-0,022	0,299	0,000	0,010	0,008	FALSE
0,055	0,300	0,001	0,008	0,072	FALSE
0,079	0,304	0,002	0,008	0,110	FALSE
0,088	0,305	0,003	0,008	0,120	FALSE
0,111	0,291	0,003	0,007	0,191	FALSE

0,083	0,297	0,003	0,010	0,130	FALSE
-0,128	0,305	-0,003	0,007	0,187	FALSE
-0,110	0,288	-0,003	0,006	0,177	FALSE
-0,184	0,306	-0,007	0,011	0,314	FALSE
0,103	0,308	0,002	0,006	0,129	FALSE
-0,020	0,317	-0,001	0,010	0,028	FALSE
-0,116	0,303	-0,004	0,010	0,177	FALSE
-0,035	0,308	-0,001	0,006	0,045	FALSE
-0,033	0,302	-0,001	0,008	0,056	FALSE
-0,024	0,297	-0,001	0,010	0,054	FALSE
-0,015	0,298	-0,001	0,009	0,038	FALSE
-0,080	0,321	-0,002	0,008	0,087	FALSE
-0,100	0,312	-0,005	0,012	0,164	FALSE
-0,093	0,318	-0,002	0,008	0,112	FALSE
-0,070	0,311	-0,002	0,008	0,085	FALSE
-0,029	0,313	-0,001	0,012	0,036	FALSE
-0,181	0,299	-0,007	0,011	0,270	FALSE
0,090	0,310	0,004	0,012	0,141	FALSE
0,072	0,292	0,003	0,012	0,085	FALSE
0,090	0,308	0,003	0,010	0,120	FALSE
0,058	0,298	0,001	0,007	0,047	FALSE
0,091	0,307	0,003	0,011	0,091	FALSE
0,123	0,315	0,003	0,011	0,111	FALSE
0,067	0,296	0,001	0,008	0,066	FALSE
0,062	0,302	0,001	0,009	0,060	FALSE
0,082	0,306	0,001	0,009	0,060	FALSE
0,071	0,306	0,001	0,008	0,066	FALSE
0,020	0,312	0,000	0,009	0,009	FALSE
-0,036	0,311	-0,001	0,011	0,023	FALSE
0,021	0,309	0,000	0,008	0,023	FALSE
0,102	0,296	0,004	0,013	0,112	FALSE
-0,059	0,303	-0,002	0,011	0,074	FALSE
-0,001	0,305	0,000	0,008	0,002	FALSE
0,039	0,309	0,001	0,008	0,046	FALSE
0,043	0,300	0,002	0,007	0,109	FALSE
0,063	0,295	0,003	0,007	0,148	FALSE
0,085	0,288	0,003	0,007	0,182	FALSE
0,042	0,288	0,002	0,007	0,112	FALSE
0,082	0,305	0,002	0,008	0,118	FALSE
0,002	0,305	0,001	0,012	0,018	FALSE
0,064	0,317	0,003	0,010	0,109	FALSE
-0,042	0,313	-0,001	0,008	0,038	FALSE
-0,015	0,312	0,000	0,007	0,021	FALSE
0,067	0,310	0,002	0,010	0,088	FALSE
0,050	0,312	0,001	0,010	0,049	FALSE
-0,124	0,305	-0,003	0,007	0,182	FALSE
0,040	0,312	0,001	0,009	0,049	FALSE
-0,013	0,302	0,000	0,011	0,011	FALSE
-0,032	0,296	-0,001	0,006	0,054	FALSE
-0,010	0,312	0,000	0,012	0,014	FALSE
-0,047	0,304	-0,001	0,010	0,029	FALSE
0,012	0,303	0,001	0,012	0,021	FALSE
-0,081	0,310	-0,002	0,009	0,084	FALSE

0,069	0,319	0,002	0,010	0,069	FALSE
-0,031	0,300	-0,001	0,006	0,043	FALSE
-0,093	0,318	-0,003	0,011	0,111	FALSE
-0,068	0,316	-0,002	0,010	0,078	FALSE
-0,111	0,300	-0,004	0,009	0,153	FALSE
0,006	0,314	0,000	0,007	0,009	FALSE
0,005	0,306	0,000	0,013	0,004	FALSE
0,043	0,311	0,003	0,012	0,085	FALSE
-0,200	0,291	-0,009	0,013	0,328	FALSE
-0,042	0,289	-0,001	0,007	0,065	FALSE
0,064	0,293	0,002	0,006	0,114	FALSE
0,000	0,313	0,000	0,008	0,007	FALSE
-0,091	0,312	-0,002	0,007	0,114	FALSE
0,026	0,316	0,001	0,007	0,036	FALSE
0,045	0,309	0,001	0,007	0,070	FALSE
-0,059	0,299	-0,001	0,009	0,056	FALSE
0,144	0,297	0,003	0,006	0,218	FALSE
-0,016	0,298	-0,001	0,012	0,036	FALSE
0,037	0,308	0,001	0,012	0,023	FALSE
-0,061	0,303	-0,002	0,012	0,059	FALSE
0,086	0,295	0,003	0,007	0,139	FALSE
-0,104	0,303	-0,003	0,012	0,094	FALSE
-0,111	0,310	-0,004	0,013	0,113	FALSE
0,034	0,311	0,001	0,008	0,045	FALSE
0,040	0,307	0,001	0,010	0,045	FALSE
0,022	0,306	0,000	0,009	0,000	FALSE
0,039	0,305	0,002	0,012	0,075	FALSE
0,048	0,311	0,001	0,009	0,059	FALSE
-0,006	0,309	0,000	0,012	0,011	FALSE
0,100	0,305	0,003	0,007	0,147	FALSE
-0,115	0,302	-0,003	0,008	0,138	FALSE
-0,091	0,304	-0,003	0,013	0,094	FALSE
0,116	0,316	0,003	0,007	0,138	FALSE
-0,059	0,299	-0,001	0,007	0,077	FALSE
-0,033	0,315	-0,001	0,007	0,035	FALSE
-0,099	0,313	-0,003	0,009	0,111	FALSE
0,011	0,306	0,000	0,011	0,001	FALSE
-0,008	0,294	-0,001	0,012	0,033	FALSE
0,113	0,315	0,002	0,007	0,142	FALSE
0,162	0,292	0,004	0,006	0,236	FALSE
0,121	0,314	0,003	0,007	0,167	FALSE
0,077	0,310	0,002	0,008	0,093	FALSE
0,022	0,314	0,000	0,010	0,014	FALSE
0,080	0,318	0,002	0,009	0,091	FALSE
-0,032	0,300	-0,001	0,006	0,044	FALSE
-0,101	0,311	-0,004	0,009	0,160	FALSE
-0,113	0,301	-0,004	0,009	0,162	FALSE
0,024	0,298	0,000	0,010	0,009	FALSE
0,033	0,318	0,001	0,010	0,027	FALSE
0,034	0,308	0,001	0,012	0,029	FALSE
0,008	0,296	0,000	0,012	0,000	FALSE
0,004	0,322	0,000	0,010	0,012	FALSE
-0,077	0,318	-0,003	0,011	0,106	FALSE

-0,027	0,312	0,000	0,006	0,021	FALSE
0,141	0,289	0,003	0,007	0,200	FALSE
0,079	0,299	0,001	0,008	0,046	FALSE
0,014	0,313	0,000	0,008	0,003	FALSE
0,033	0,316	0,002	0,012	0,049	FALSE
0,139	0,292	0,006	0,012	0,201	FALSE
0,095	0,303	0,003	0,011	0,121	FALSE
0,085	0,305	0,003	0,008	0,118	FALSE
0,117	0,287	0,005	0,013	0,170	FALSE
0,107	0,301	0,003	0,008	0,152	FALSE
0,150	0,295	0,004	0,009	0,170	FALSE
0,024	0,316	-0,001	0,012	0,015	FALSE
0,030	0,304	0,001	0,011	0,022	FALSE
0,021	0,308	0,000	0,006	0,026	FALSE
0,025	0,320	0,002	0,011	0,052	FALSE
-0,033	0,294	-0,001	0,012	0,036	FALSE
-0,073	0,312	-0,002	0,007	0,108	FALSE
-0,144	0,324	-0,004	0,008	0,190	FALSE
0,114	0,293	0,005	0,012	0,174	FALSE
-0,183	0,304	-0,005	0,008	0,262	FALSE
0,091	0,292	0,002	0,006	0,133	FALSE
0,141	0,291	0,005	0,010	0,220	FALSE
-0,155	0,315	-0,005	0,008	0,234	FALSE
-0,008	0,301	0,000	0,009	0,009	FALSE
0,004	0,305	0,000	0,007	0,014	FALSE
0,123	0,304	0,003	0,008	0,157	FALSE
0,140	0,294	0,005	0,010	0,227	FALSE
-0,106	0,307	-0,004	0,013	0,135	FALSE
-0,033	0,320	-0,001	0,009	0,055	FALSE
0,151	0,297	0,005	0,010	0,211	FALSE
-0,018	0,303	0,000	0,008	0,017	FALSE
-0,094	0,305	-0,002	0,008	0,095	FALSE
-0,097	0,306	-0,003	0,007	0,137	FALSE
0,031	0,308	0,001	0,012	0,030	FALSE
0,071	0,315	0,002	0,011	0,066	FALSE
-0,162	0,291	-0,004	0,008	0,227	FALSE
0,010	0,300	0,000	0,007	0,003	FALSE
0,176	0,298	0,005	0,009	0,254	FALSE
-0,006	0,291	-0,001	0,009	0,036	FALSE
-0,081	0,311	-0,002	0,007	0,100	FALSE
0,007	0,302	0,001	0,011	0,017	FALSE
0,075	0,310	0,002	0,008	0,087	FALSE
0,089	0,320	0,002	0,008	0,091	FALSE
0,173	0,308	0,004	0,007	0,229	FALSE
-0,152	0,308	-0,003	0,008	0,183	FALSE
-0,111	0,307	-0,003	0,008	0,142	FALSE
0,018	0,300	0,000	0,010	0,002	FALSE
0,027	0,292	0,000	0,008	0,005	FALSE
0,166	0,299	0,005	0,009	0,257	FALSE
-0,018	0,320	-0,001	0,012	0,018	FALSE
-0,132	0,317	-0,003	0,008	0,182	FALSE
-0,046	0,312	-0,001	0,007	0,045	FALSE
-0,082	0,305	-0,004	0,012	0,124	FALSE

0,238	0,293	0,009	0,012	0,363	FALSE
0,069	0,303	0,002	0,010	0,061	FALSE
0,062	0,310	0,003	0,011	0,093	FALSE
-0,155	0,300	-0,006	0,011	0,254	FALSE
-0,135	0,310	-0,006	0,012	0,191	FALSE
-0,119	0,298	-0,005	0,011	0,175	FALSE
-0,025	0,321	0,000	0,008	0,020	FALSE
-0,032	0,312	0,000	0,007	0,007	FALSE
-0,047	0,307	-0,001	0,006	0,030	FALSE
0,008	0,320	0,000	0,011	0,003	FALSE
0,107	0,304	0,004	0,010	0,161	FALSE
-0,126	0,297	-0,006	0,011	0,217	FALSE
0,030	0,321	0,001	0,012	0,040	FALSE
-0,103	0,324	-0,004	0,013	0,132	FALSE
0,107	0,305	0,005	0,012	0,178	FALSE
0,059	0,299	0,002	0,010	0,079	FALSE
0,034	0,305	0,002	0,010	0,058	FALSE
0,099	0,306	0,004	0,011	0,158	FALSE
-0,132	0,305	-0,004	0,008	0,171	FALSE
0,102	0,302	0,004	0,013	0,125	FALSE
0,067	0,308	0,002	0,008	0,071	FALSE
0,145	0,298	0,004	0,007	0,232	FALSE
0,055	0,320	0,002	0,011	0,071	FALSE
0,068	0,316	0,002	0,010	0,060	FALSE
0,076	0,316	0,002	0,009	0,092	FALSE
0,142	0,296	0,004	0,008	0,183	FALSE
-0,048	0,314	-0,001	0,009	0,045	FALSE
-0,066	0,310	-0,002	0,007	0,089	FALSE
0,070	0,310	0,001	0,006	0,087	FALSE
0,061	0,305	0,001	0,006	0,083	FALSE
0,028	0,308	0,001	0,009	0,021	FALSE
-0,008	0,313	0,000	0,010	0,008	FALSE
0,043	0,311	0,002	0,009	0,083	FALSE
0,001	0,321	0,001	0,012	0,015	FALSE
0,038	0,309	0,002	0,012	0,060	FALSE
0,048	0,302	0,002	0,011	0,078	FALSE
-0,014	0,296	0,000	0,006	0,012	FALSE
-0,039	0,301	-0,002	0,011	0,080	FALSE
0,115	0,292	0,003	0,010	0,134	FALSE
0,131	0,303	0,003	0,010	0,138	FALSE
0,121	0,311	0,004	0,010	0,147	FALSE
0,136	0,302	0,003	0,007	0,180	FALSE
-0,088	0,308	-0,003	0,010	0,110	FALSE
-0,041	0,309	-0,001	0,011	0,041	FALSE
-0,063	0,312	-0,002	0,012	0,076	FALSE
0,076	0,325	0,003	0,012	0,081	FALSE
-0,093	0,302	-0,002	0,008	0,121	FALSE
0,040	0,299	0,002	0,010	0,067	FALSE
0,097	0,322	0,004	0,013	0,114	FALSE
0,148	0,287	0,004	0,006	0,260	FALSE
0,107	0,303	0,004	0,012	0,137	FALSE
0,025	0,303	0,001	0,010	0,041	FALSE
0,083	0,316	0,004	0,013	0,127	FALSE

-0,066	0,314	-0,003	0,011	0,095	FALSE
0,049	0,313	0,002	0,010	0,073	FALSE
0,122	0,318	0,005	0,011	0,186	FALSE
0,028	0,311	0,001	0,006	0,045	FALSE
0,022	0,297	0,001	0,009	0,025	FALSE
-0,083	0,295	-0,004	0,012	0,129	FALSE
-0,135	0,298	-0,003	0,007	0,190	FALSE
0,065	0,303	0,003	0,012	0,087	FALSE
0,047	0,311	0,001	0,012	0,044	FALSE
0,089	0,303	0,003	0,012	0,094	FALSE
0,009	0,310	0,000	0,007	0,017	FALSE
0,022	0,305	0,001	0,009	0,025	FALSE
0,013	0,304	0,000	0,009	0,013	FALSE
0,169	0,303	0,004	0,008	0,239	FALSE
0,005	0,326	-0,001	0,009	0,031	FALSE
0,053	0,303	0,001	0,007	0,050	FALSE
0,021	0,310	0,000	0,009	0,013	FALSE
0,051	0,314	0,002	0,012	0,067	FALSE
0,060	0,305	0,003	0,012	0,089	FALSE
0,037	0,306	0,002	0,012	0,053	FALSE
-0,013	0,325	-0,001	0,008	0,024	FALSE
0,082	0,294	0,002	0,007	0,092	FALSE
0,062	0,298	0,001	0,007	0,068	FALSE
-0,036	0,305	-0,002	0,011	0,060	FALSE
-0,129	0,297	-0,003	0,008	0,176	FALSE
-0,080	0,302	-0,004	0,013	0,127	FALSE
-0,020	0,312	0,000	0,010	0,014	FALSE
-0,070	0,290	-0,004	0,013	0,112	FALSE
-0,075	0,297	-0,004	0,013	0,118	FALSE
-0,046	0,316	-0,001	0,008	0,056	FALSE
0,040	0,285	0,002	0,012	0,068	FALSE
0,093	0,296	0,005	0,013	0,158	FALSE
0,123	0,318	0,005	0,012	0,153	FALSE
-0,102	0,294	-0,003	0,010	0,130	FALSE
0,085	0,318	0,003	0,012	0,099	FALSE
-0,139	0,311	-0,003	0,010	0,141	FALSE
0,006	0,302	-0,001	0,010	0,027	FALSE
-0,013	0,303	-0,001	0,007	0,034	FALSE
-0,095	0,298	-0,003	0,008	0,138	FALSE
0,100	0,305	0,004	0,012	0,136	FALSE
-0,105	0,314	-0,003	0,009	0,143	FALSE
0,011	0,298	0,001	0,010	0,037	FALSE
0,038	0,307	0,001	0,009	0,060	FALSE
-0,010	0,308	0,000	0,006	0,018	FALSE
-0,043	0,315	-0,002	0,010	0,060	FALSE
-0,128	0,306	-0,003	0,008	0,176	FALSE
0,017	0,304	0,001	0,011	0,018	FALSE
0,001	0,300	0,000	0,011	0,001	FALSE
-0,001	0,312	-0,001	0,012	0,023	FALSE
0,088	0,290	0,004	0,011	0,162	FALSE
-0,080	0,308	-0,002	0,010	0,074	FALSE
-0,095	0,311	-0,004	0,009	0,157	FALSE
0,101	0,300	0,003	0,008	0,133	FALSE

-0,035	0,306	-0,001	0,007	0,078	FALSE
-0,070	0,310	-0,002	0,013	0,069	FALSE
-0,092	0,311	-0,003	0,010	0,107	FALSE
-0,134	0,302	-0,003	0,006	0,211	FALSE
-0,090	0,307	-0,004	0,013	0,136	FALSE
0,055	0,319	0,002	0,011	0,060	FALSE
-0,017	0,305	0,000	0,007	0,010	FALSE
0,053	0,309	0,002	0,011	0,064	FALSE
-0,030	0,301	0,000	0,007	0,013	FALSE
-0,218	0,287	-0,007	0,010	0,339	FALSE
0,128	0,311	0,006	0,011	0,213	FALSE
0,004	0,315	0,000	0,011	0,014	FALSE
-0,011	0,312	0,000	0,011	0,003	FALSE
-0,025	0,314	0,000	0,009	0,015	FALSE
-0,015	0,321	0,000	0,009	0,015	FALSE
-0,013	0,301	0,000	0,011	0,014	FALSE
0,120	0,303	0,003	0,007	0,175	FALSE
0,024	0,297	0,001	0,011	0,049	FALSE
-0,079	0,310	-0,003	0,010	0,103	FALSE
0,095	0,311	0,002	0,008	0,103	FALSE
0,081	0,300	0,003	0,009	0,145	FALSE
-0,106	0,299	-0,004	0,012	0,154	FALSE
-0,049	0,300	-0,001	0,011	0,042	FALSE
-0,036	0,305	-0,001	0,007	0,040	FALSE
0,054	0,305	0,002	0,012	0,054	FALSE
-0,002	0,294	0,000	0,011	0,008	FALSE
0,077	0,290	0,002	0,009	0,066	FALSE
-0,112	0,303	-0,002	0,008	0,107	FALSE
-0,056	0,304	-0,001	0,006	0,063	FALSE
-0,012	0,303	0,000	0,013	0,001	FALSE
0,062	0,311	0,002	0,010	0,063	FALSE
0,085	0,297	0,003	0,010	0,102	FALSE
0,072	0,318	0,001	0,007	0,066	FALSE
0,048	0,296	0,001	0,007	0,071	FALSE
0,062	0,301	0,002	0,009	0,065	FALSE
0,075	0,298	0,003	0,013	0,085	FALSE
-0,089	0,310	-0,002	0,007	0,102	FALSE
-0,071	0,311	-0,002	0,008	0,076	FALSE
-0,048	0,300	-0,001	0,007	0,070	FALSE
-0,069	0,310	-0,001	0,007	0,069	FALSE
0,117	0,311	0,003	0,007	0,155	FALSE
-0,198	0,297	-0,004	0,006	0,271	FALSE
0,067	0,298	0,003	0,012	0,106	FALSE
0,077	0,307	0,003	0,012	0,097	FALSE
0,057	0,306	0,001	0,006	0,076	FALSE
0,059	0,318	0,002	0,012	0,060	FALSE
0,004	0,302	0,000	0,010	0,007	FALSE
-0,096	0,314	-0,003	0,012	0,106	FALSE
0,045	0,300	0,001	0,006	0,072	FALSE
-0,056	0,299	-0,002	0,012	0,055	FALSE
0,110	0,297	0,004	0,012	0,153	FALSE
0,152	0,307	0,005	0,010	0,231	FALSE
0,096	0,297	0,004	0,011	0,139	FALSE

-0,014	0,305	0,000	0,012	0,013	FALSE
-0,201	0,301	-0,005	0,008	0,271	FALSE
0,161	0,301	0,005	0,010	0,233	FALSE
-0,045	0,286	0,000	0,006	0,011	FALSE
-0,049	0,300	-0,002	0,012	0,073	FALSE
0,135	0,302	0,003	0,007	0,183	FALSE
-0,035	0,299	-0,001	0,007	0,050	FALSE
-0,040	0,308	-0,001	0,008	0,066	FALSE
0,103	0,311	0,003	0,007	0,145	FALSE
0,008	0,315	0,001	0,009	0,022	FALSE
0,001	0,312	0,000	0,010	0,003	FALSE
0,065	0,309	0,002	0,010	0,073	FALSE
-0,034	0,306	-0,001	0,007	0,069	FALSE
0,021	0,301	0,001	0,012	0,030	FALSE
-0,004	0,322	0,000	0,013	0,000	FALSE
0,081	0,292	0,002	0,006	0,133	FALSE
-0,045	0,292	-0,001	0,009	0,057	FALSE
-0,091	0,302	-0,002	0,009	0,109	FALSE
0,023	0,315	0,001	0,010	0,020	FALSE
0,012	0,333	0,001	0,013	0,028	FALSE
0,073	0,291	0,003	0,011	0,096	FALSE
0,005	0,313	0,000	0,010	0,012	FALSE
0,024	0,300	0,000	0,012	0,012	FALSE
0,093	0,314	0,003	0,012	0,084	FALSE
0,042	0,306	0,001	0,008	0,029	FALSE
0,090	0,307	0,001	0,009	0,050	FALSE
-0,015	0,302	0,000	0,010	0,009	FALSE
0,032	0,314	0,001	0,010	0,035	FALSE
-0,080	0,300	-0,002	0,010	0,087	FALSE
-0,005	0,301	0,000	0,007	0,013	FALSE
-0,122	0,316	-0,004	0,011	0,150	FALSE
-0,026	0,305	0,000	0,010	0,018	FALSE
0,096	0,304	0,004	0,012	0,129	FALSE
-0,045	0,307	-0,001	0,008	0,058	FALSE
-0,042	0,303	-0,001	0,008	0,058	FALSE
-0,025	0,310	-0,001	0,008	0,033	FALSE
-0,055	0,313	-0,001	0,009	0,055	FALSE
0,073	0,314	0,001	0,010	0,039	FALSE
-0,052	0,315	-0,002	0,011	0,052	FALSE
0,032	0,310	0,000	0,006	0,019	FALSE
0,009	0,311	0,000	0,006	0,005	FALSE
-0,110	0,305	-0,003	0,009	0,124	FALSE
0,089	0,306	0,002	0,009	0,071	FALSE
0,062	0,302	0,002	0,007	0,083	FALSE
0,026	0,309	0,001	0,008	0,022	FALSE
-0,062	0,301	-0,001	0,008	0,058	FALSE
0,107	0,299	0,002	0,009	0,104	FALSE
0,105	0,296	0,003	0,009	0,108	FALSE
0,080	0,279	0,001	0,009	0,064	FALSE
-0,160	0,305	-0,005	0,008	0,242	FALSE
-0,138	0,302	-0,003	0,006	0,185	FALSE
-0,010	0,315	0,000	0,013	0,006	FALSE
-0,079	0,297	-0,004	0,012	0,115	FALSE

0,011	0,295	0,001	0,007	0,038	FALSE
-0,003	0,293	0,000	0,009	0,011	FALSE
0,070	0,287	0,003	0,011	0,111	FALSE
0,067	0,306	0,002	0,008	0,086	FALSE
0,162	0,291	0,006	0,010	0,257	TRUE
0,015	0,306	0,000	0,012	0,005	FALSE
0,136	0,291	0,004	0,007	0,231	FALSE
0,099	0,293	0,003	0,007	0,170	FALSE
-0,031	0,311	-0,002	0,009	0,064	FALSE
-0,073	0,305	-0,002	0,006	0,129	FALSE
-0,016	0,308	0,000	0,008	0,017	FALSE
-0,001	0,298	0,000	0,008	0,001	FALSE
-0,027	0,310	-0,002	0,012	0,062	FALSE
-0,092	0,293	-0,002	0,006	0,135	FALSE
-0,009	0,316	0,000	0,013	0,002	FALSE
0,036	0,305	0,002	0,011	0,072	FALSE
-0,001	0,309	0,001	0,012	0,034	FALSE
0,001	0,317	0,001	0,011	0,028	FALSE
0,040	0,297	0,003	0,011	0,086	FALSE
0,039	0,308	0,003	0,012	0,083	FALSE
0,030	0,316	0,002	0,012	0,064	FALSE
-0,041	0,311	-0,001	0,008	0,047	FALSE
-0,083	0,302	-0,004	0,012	0,116	FALSE
-0,059	0,308	-0,002	0,007	0,092	FALSE
0,132	0,292	0,006	0,012	0,218	FALSE
-0,135	0,296	-0,005	0,011	0,207	FALSE
0,011	0,304	0,000	0,010	0,005	FALSE
0,052	0,310	0,002	0,007	0,090	FALSE
-0,110	0,311	-0,003	0,007	0,159	FALSE
-0,041	0,305	-0,002	0,009	0,063	FALSE
0,165	0,291	0,004	0,007	0,230	FALSE
-0,130	0,295	-0,004	0,010	0,164	FALSE
-0,010	0,317	0,000	0,009	0,006	FALSE
-0,136	0,300	-0,007	0,012	0,224	FALSE
0,017	0,300	0,000	0,008	0,018	FALSE
0,018	0,312	0,000	0,011	0,006	FALSE
0,038	0,306	0,000	0,008	0,020	FALSE
-0,060	0,313	-0,002	0,008	0,081	FALSE
-0,087	0,305	-0,002	0,008	0,104	FALSE
-0,081	0,304	-0,002	0,011	0,084	FALSE
-0,085	0,317	-0,002	0,011	0,080	FALSE
-0,020	0,306	-0,001	0,008	0,029	FALSE
-0,135	0,306	-0,003	0,007	0,144	FALSE
-0,101	0,306	-0,004	0,012	0,121	FALSE
-0,009	0,303	0,000	0,007	0,018	FALSE
-0,108	0,302	-0,003	0,008	0,130	FALSE
0,041	0,315	0,002	0,009	0,065	FALSE
0,142	0,312	0,006	0,011	0,224	FALSE
-0,078	0,313	-0,001	0,007	0,067	FALSE
-0,001	0,318	0,000	0,008	0,023	FALSE
0,034	0,297	0,001	0,009	0,050	FALSE
-0,056	0,296	-0,002	0,009	0,080	FALSE
0,135	0,293	0,005	0,008	0,241	FALSE

-0,037	0,310	-0,001	0,009	0,044	FALSE
-0,032	0,302	-0,001	0,012	0,037	FALSE
-0,036	0,312	-0,001	0,008	0,042	FALSE
-0,115	0,306	-0,002	0,006	0,156	FALSE
-0,094	0,308	-0,003	0,009	0,119	FALSE
0,044	0,313	0,001	0,007	0,050	FALSE
0,046	0,310	0,003	0,012	0,079	FALSE
0,035	0,309	0,003	0,013	0,078	FALSE
0,064	0,307	0,003	0,012	0,108	FALSE
0,039	0,319	0,002	0,012	0,064	FALSE
-0,114	0,297	-0,002	0,006	0,131	FALSE
0,026	0,298	0,001	0,006	0,035	FALSE
0,034	0,304	0,001	0,006	0,052	FALSE
0,044	0,314	0,002	0,012	0,061	FALSE
-0,084	0,299	-0,004	0,010	0,160	FALSE
0,014	0,307	0,000	0,012	0,005	FALSE
-0,025	0,304	-0,001	0,012	0,029	FALSE
0,037	0,303	0,001	0,009	0,029	FALSE
0,062	0,308	0,001	0,009	0,059	FALSE
-0,001	0,313	0,000	0,007	0,003	FALSE
-0,035	0,297	-0,001	0,013	0,041	FALSE
-0,017	0,300	-0,001	0,012	0,015	FALSE
0,013	0,311	0,000	0,007	0,003	FALSE
-0,044	0,297	-0,002	0,011	0,052	FALSE
-0,019	0,307	0,000	0,012	0,001	FALSE
0,021	0,299	0,001	0,011	0,044	FALSE
0,035	0,307	0,001	0,007	0,038	FALSE
-0,098	0,303	-0,001	0,007	0,080	FALSE
-0,037	0,316	-0,001	0,008	0,049	FALSE
0,005	0,304	0,000	0,007	0,016	FALSE
0,024	0,300	0,001	0,007	0,035	FALSE
-0,070	0,303	-0,002	0,012	0,069	FALSE
0,112	0,294	0,003	0,006	0,187	FALSE
-0,015	0,318	0,000	0,007	0,006	FALSE
0,137	0,304	0,005	0,010	0,186	FALSE
0,058	0,317	0,001	0,007	0,052	FALSE
0,007	0,306	0,000	0,007	0,009	FALSE
0,034	0,306	0,002	0,011	0,072	FALSE
0,142	0,301	0,003	0,006	0,182	FALSE
0,069	0,303	0,002	0,006	0,105	FALSE
0,097	0,307	0,002	0,006	0,153	FALSE
-0,149	0,298	-0,003	0,006	0,191	FALSE
-0,079	0,308	-0,002	0,010	0,090	FALSE
0,018	0,308	0,001	0,012	0,029	FALSE
0,093	0,317	0,002	0,007	0,112	FALSE
0,022	0,306	0,001	0,007	0,051	FALSE
0,015	0,317	0,000	0,009	0,014	FALSE
0,097	0,314	0,002	0,007	0,106	FALSE
-0,095	0,297	-0,002	0,007	0,102	FALSE
0,030	0,308	0,000	0,013	0,008	FALSE
-0,097	0,299	-0,002	0,007	0,113	FALSE
0,122	0,309	0,003	0,009	0,141	FALSE
0,152	0,306	0,004	0,009	0,185	FALSE

-0,080	0,296	-0,002	0,009	0,098	FALSE
-0,009	0,301	0,000	0,010	0,016	FALSE
0,104	0,302	0,003	0,009	0,122	FALSE
0,028	0,297	0,000	0,012	0,007	FALSE
0,160	0,300	0,005	0,010	0,205	FALSE
-0,011	0,311	0,000	0,012	0,001	FALSE
0,012	0,293	0,000	0,008	0,000	FALSE
-0,106	0,297	-0,002	0,007	0,130	FALSE
0,007	0,311	0,000	0,012	0,010	FALSE
0,050	0,309	0,001	0,009	0,041	FALSE
-0,025	0,300	0,000	0,007	0,006	FALSE
0,070	0,307	0,003	0,013	0,101	FALSE
0,081	0,288	0,002	0,009	0,066	FALSE
0,047	0,291	0,002	0,008	0,101	FALSE
0,002	0,298	-0,001	0,012	0,026	FALSE
0,013	0,314	0,000	0,009	0,010	FALSE
0,064	0,296	0,001	0,006	0,065	FALSE
-0,022	0,292	-0,002	0,010	0,070	FALSE
0,073	0,306	0,002	0,008	0,079	FALSE
-0,092	0,314	-0,002	0,009	0,095	FALSE
0,054	0,304	0,001	0,009	0,059	FALSE
0,011	0,311	0,001	0,009	0,033	FALSE
0,002	0,316	0,000	0,007	0,000	FALSE
0,023	0,318	0,000	0,010	0,010	FALSE
0,032	0,315	0,000	0,007	0,023	FALSE
0,034	0,313	0,001	0,012	0,033	FALSE
-0,018	0,317	0,000	0,008	0,012	FALSE
0,146	0,291	0,004	0,008	0,227	FALSE
-0,027	0,326	-0,001	0,009	0,035	FALSE
-0,002	0,313	0,000	0,009	0,018	FALSE
-0,014	0,315	-0,001	0,009	0,022	FALSE
0,171	0,299	0,003	0,006	0,242	FALSE
0,203	0,300	0,005	0,007	0,309	FALSE
-0,056	0,308	-0,002	0,008	0,094	FALSE
-0,173	0,295	-0,004	0,007	0,249	FALSE
-0,062	0,315	-0,002	0,008	0,075	FALSE
-0,009	0,302	-0,001	0,009	0,032	FALSE
-0,093	0,317	-0,002	0,009	0,095	FALSE
0,046	0,315	0,001	0,009	0,054	FALSE
-0,028	0,314	-0,001	0,008	0,032	FALSE
0,031	0,305	0,001	0,007	0,048	FALSE
-0,108	0,304	-0,002	0,008	0,108	FALSE
0,060	0,308	0,002	0,008	0,073	FALSE
0,022	0,303	0,001	0,008	0,030	FALSE
0,062	0,315	0,001	0,008	0,067	FALSE
-0,085	0,310	-0,002	0,008	0,103	FALSE
-0,024	0,305	-0,001	0,009	0,021	FALSE
-0,025	0,312	0,000	0,006	0,026	FALSE
0,008	0,297	0,001	0,012	0,021	FALSE
0,100	0,293	0,003	0,007	0,166	FALSE
0,043	0,315	0,001	0,012	0,035	FALSE
0,031	0,305	0,001	0,009	0,033	FALSE
0,035	0,324	0,001	0,011	0,042	FALSE

0,016	0,303	0,001	0,012	0,037	FALSE
0,038	0,298	0,002	0,012	0,074	FALSE
0,025	0,302	0,001	0,007	0,049	FALSE
-0,036	0,316	-0,001	0,013	0,037	FALSE
0,073	0,303	0,002	0,009	0,092	FALSE
-0,005	0,314	0,000	0,007	0,002	FALSE
-0,008	0,315	0,000	0,009	0,001	FALSE
0,080	0,323	0,004	0,013	0,112	FALSE
-0,213	0,310	-0,005	0,008	0,304	FALSE
-0,222	0,301	-0,005	0,007	0,322	FALSE
-0,230	0,302	-0,006	0,007	0,352	FALSE
0,053	0,299	0,002	0,009	0,081	FALSE
-0,209	0,315	-0,005	0,007	0,287	FALSE
-0,058	0,311	-0,002	0,012	0,074	FALSE
-0,048	0,306	-0,002	0,012	0,055	FALSE
0,085	0,309	0,003	0,011	0,113	FALSE
-0,093	0,315	-0,004	0,012	0,122	FALSE
-0,088	0,309	-0,002	0,007	0,137	FALSE
-0,008	0,302	-0,001	0,012	0,037	FALSE
-0,020	0,296	-0,001	0,012	0,046	FALSE
-0,053	0,315	-0,003	0,012	0,101	FALSE
0,006	0,302	-0,001	0,011	0,025	FALSE
0,016	0,323	0,000	0,007	0,011	FALSE
0,137	0,302	0,003	0,007	0,203	FALSE
0,018	0,325	0,000	0,009	0,018	FALSE
-0,057	0,298	-0,001	0,007	0,057	FALSE
0,035	0,318	0,001	0,009	0,052	FALSE
-0,009	0,298	0,000	0,008	0,013	FALSE
-0,035	0,287	-0,001	0,008	0,043	FALSE
0,083	0,311	0,004	0,011	0,131	FALSE
-0,022	0,292	0,000	0,007	0,013	FALSE
0,175	0,304	0,007	0,013	0,255	FALSE
0,030	0,296	0,001	0,012	0,038	FALSE
0,010	0,294	0,000	0,007	0,018	FALSE
0,024	0,291	0,001	0,011	0,033	FALSE
0,040	0,313	0,001	0,009	0,052	FALSE
0,022	0,299	0,001	0,011	0,032	FALSE
0,037	0,312	0,002	0,011	0,060	FALSE
-0,033	0,307	0,000	0,007	0,021	FALSE
-0,031	0,300	-0,001	0,012	0,039	FALSE
0,065	0,315	0,003	0,012	0,095	FALSE
-0,026	0,301	-0,001	0,012	0,034	FALSE
-0,082	0,312	-0,003	0,011	0,107	FALSE
0,099	0,313	0,004	0,012	0,128	FALSE
0,009	0,287	0,001	0,012	0,035	FALSE
-0,009	0,301	0,000	0,008	0,018	FALSE
0,061	0,312	0,003	0,013	0,081	FALSE
0,036	0,299	0,001	0,007	0,026	FALSE
0,042	0,310	0,003	0,012	0,078	FALSE
-0,076	0,313	-0,002	0,008	0,111	FALSE
0,267	0,284	0,010	0,010	0,461	FALSE
0,243	0,286	0,009	0,010	0,414	FALSE
-0,070	0,286	-0,002	0,009	0,101	FALSE

-0,067	0,307	-0,003	0,010	0,103	FALSE
-0,041	0,300	-0,002	0,010	0,064	FALSE
0,068	0,303	0,003	0,012	0,102	FALSE
-0,079	0,301	-0,004	0,009	0,150	FALSE
0,083	0,305	0,004	0,009	0,176	FALSE
-0,079	0,294	-0,002	0,010	0,095	FALSE
-0,074	0,302	-0,002	0,007	0,100	FALSE
-0,047	0,312	-0,001	0,009	0,051	FALSE
-0,041	0,312	-0,002	0,012	0,072	FALSE
-0,024	0,318	-0,002	0,013	0,043	FALSE
0,003	0,307	0,000	0,009	0,008	FALSE
-0,042	0,308	-0,002	0,012	0,076	FALSE
-0,128	0,306	-0,004	0,011	0,136	FALSE
-0,005	0,302	-0,001	0,012	0,026	FALSE
0,061	0,311	0,003	0,009	0,110	FALSE
-0,039	0,308	-0,002	0,012	0,079	FALSE
0,050	0,303	0,001	0,010	0,048	FALSE
-0,040	0,303	-0,002	0,010	0,086	FALSE
0,008	0,311	0,000	0,009	0,013	FALSE
-0,069	0,312	-0,002	0,009	0,108	FALSE
-0,002	0,308	0,000	0,008	0,013	FALSE
-0,057	0,296	-0,001	0,006	0,087	FALSE
-0,132	0,299	-0,005	0,010	0,191	FALSE
0,169	0,291	0,006	0,010	0,273	FALSE
-0,135	0,295	-0,004	0,008	0,214	FALSE
-0,074	0,310	-0,002	0,009	0,084	FALSE
0,069	0,318	0,002	0,011	0,062	FALSE
0,180	0,296	0,007	0,011	0,266	FALSE
0,001	0,305	0,000	0,012	0,001	FALSE
-0,085	0,313	-0,004	0,012	0,124	FALSE
0,171	0,301	0,005	0,010	0,220	FALSE
0,020	0,303	0,001	0,009	0,025	FALSE
0,014	0,311	0,000	0,007	0,025	FALSE
-0,016	0,310	0,000	0,012	0,005	FALSE
-0,025	0,322	-0,001	0,012	0,022	FALSE
-0,081	0,311	-0,002	0,008	0,093	FALSE
-0,060	0,306	-0,001	0,009	0,060	FALSE
-0,084	0,320	-0,002	0,008	0,077	FALSE
-0,072	0,306	-0,002	0,010	0,085	FALSE
0,027	0,305	0,002	0,008	0,083	FALSE
-0,027	0,312	-0,001	0,011	0,021	FALSE
-0,101	0,305	-0,003	0,010	0,129	FALSE
-0,023	0,309	-0,001	0,011	0,017	FALSE
0,020	0,318	0,000	0,007	0,020	FALSE
0,021	0,304	0,001	0,010	0,030	FALSE
-0,025	0,301	-0,001	0,012	0,015	FALSE
0,073	0,307	0,001	0,006	0,092	FALSE
0,004	0,304	0,000	0,007	0,015	FALSE
0,089	0,304	0,004	0,012	0,119	FALSE
0,006	0,305	0,001	0,009	0,035	FALSE
0,085	0,310	0,003	0,009	0,139	FALSE
-0,156	0,304	-0,006	0,012	0,215	FALSE
0,054	0,308	0,003	0,009	0,126	FALSE

0,049	0,306	0,002	0,009	0,074	FALSE
0,071	0,300	0,001	0,009	0,034	FALSE
-0,140	0,312	-0,006	0,013	0,181	FALSE
-0,154	0,301	-0,006	0,012	0,200	FALSE
0,102	0,302	0,004	0,011	0,134	FALSE
0,038	0,313	0,002	0,012	0,060	FALSE
0,100	0,292	0,003	0,009	0,125	FALSE
-0,068	0,303	-0,002	0,008	0,072	FALSE
0,024	0,317	0,000	0,012	0,013	FALSE
-0,204	0,306	-0,005	0,008	0,251	FALSE
-0,230	0,286	-0,006	0,008	0,343	FALSE
0,113	0,313	0,003	0,011	0,119	FALSE
-0,082	0,300	-0,002	0,008	0,106	FALSE
-0,038	0,315	-0,001	0,009	0,042	FALSE
0,031	0,312	0,001	0,010	0,040	FALSE
0,008	0,304	0,000	0,010	0,004	FALSE
0,019	0,293	0,000	0,010	0,015	FALSE
-0,015	0,306	-0,001	0,010	0,034	FALSE
-0,084	0,303	-0,003	0,008	0,136	FALSE
0,027	0,307	0,001	0,010	0,044	FALSE
-0,068	0,306	-0,002	0,012	0,068	FALSE
0,063	0,312	0,002	0,009	0,086	FALSE
-0,065	0,319	-0,002	0,012	0,063	FALSE
-0,192	0,295	-0,004	0,007	0,263	FALSE
-0,199	0,296	-0,004	0,007	0,277	FALSE
-0,062	0,291	-0,003	0,010	0,121	FALSE
-0,112	0,309	-0,004	0,010	0,156	FALSE
-0,036	0,318	-0,002	0,007	0,076	FALSE
-0,035	0,308	-0,002	0,008	0,084	FALSE
0,048	0,310	0,002	0,008	0,072	FALSE
-0,068	0,306	-0,002	0,009	0,081	FALSE
-0,003	0,298	0,000	0,008	0,008	FALSE
-0,073	0,305	-0,002	0,009	0,080	FALSE
-0,024	0,306	0,000	0,007	0,016	FALSE
0,000	0,317	0,000	0,009	0,009	FALSE
0,034	0,308	0,001	0,012	0,038	FALSE
-0,073	0,307	-0,003	0,010	0,094	FALSE
-0,065	0,306	-0,002	0,009	0,086	FALSE
-0,077	0,308	-0,002	0,007	0,087	FALSE
-0,077	0,315	-0,003	0,013	0,079	FALSE
0,057	0,325	0,002	0,010	0,065	FALSE
-0,095	0,303	-0,003	0,010	0,116	FALSE
-0,075	0,300	-0,002	0,006	0,111	FALSE
0,007	0,306	0,000	0,011	0,000	FALSE
0,149	0,299	0,003	0,006	0,197	FALSE
0,118	0,298	0,002	0,007	0,132	FALSE
-0,057	0,303	-0,001	0,007	0,077	FALSE
-0,018	0,314	-0,001	0,011	0,044	FALSE
0,020	0,306	0,001	0,010	0,037	FALSE
0,104	0,295	0,003	0,011	0,116	FALSE
0,001	0,314	0,000	0,010	0,005	FALSE
0,082	0,316	0,001	0,006	0,090	FALSE
-0,062	0,277	-0,002	0,007	0,089	FALSE

-0,026	0,292	0,000	0,007	0,019	FALSE
0,104	0,307	0,003	0,009	0,119	FALSE
0,065	0,305	0,002	0,006	0,093	FALSE
-0,064	0,306	-0,002	0,009	0,073	FALSE
0,086	0,309	0,002	0,006	0,116	FALSE
0,112	0,306	0,003	0,010	0,132	FALSE
-0,231	0,293	-0,007	0,009	0,363	FALSE
0,144	0,309	0,006	0,012	0,205	FALSE
0,192	0,310	0,004	0,006	0,270	FALSE
0,069	0,312	0,001	0,007	0,075	FALSE
0,145	0,295	0,006	0,012	0,225	FALSE
-0,210	0,303	-0,007	0,010	0,348	FALSE
-0,157	0,301	-0,007	0,012	0,273	FALSE
0,117	0,307	0,004	0,008	0,196	FALSE
0,123	0,314	0,004	0,009	0,167	FALSE
0,057	0,315	0,002	0,008	0,079	FALSE
-0,028	0,288	-0,002	0,008	0,073	FALSE
0,140	0,317	0,004	0,007	0,206	FALSE
0,124	0,298	0,004	0,012	0,136	FALSE
0,130	0,298	0,005	0,012	0,154	FALSE
0,028	0,301	0,001	0,006	0,032	FALSE
0,111	0,308	0,005	0,012	0,154	FALSE
0,044	0,315	0,001	0,012	0,037	FALSE
-0,112	0,311	-0,004	0,012	0,134	FALSE
-0,050	0,312	-0,001	0,008	0,069	FALSE
0,025	0,313	0,001	0,013	0,022	FALSE
-0,097	0,306	-0,002	0,008	0,100	FALSE
-0,073	0,308	-0,002	0,007	0,109	FALSE
0,022	0,318	0,000	0,013	0,008	FALSE
0,018	0,318	0,000	0,011	0,013	FALSE
0,087	0,302	0,003	0,008	0,139	FALSE
0,007	0,313	0,001	0,010	0,035	FALSE
0,221	0,287	0,005	0,007	0,332	FALSE
0,033	0,313	0,001	0,009	0,034	FALSE
-0,018	0,302	-0,001	0,007	0,046	FALSE
0,207	0,295	0,007	0,011	0,283	FALSE
-0,049	0,300	-0,002	0,007	0,084	FALSE
0,027	0,301	0,000	0,008	0,018	FALSE
-0,037	0,307	-0,001	0,007	0,073	FALSE
-0,037	0,312	-0,001	0,007	0,061	FALSE
-0,059	0,305	-0,003	0,011	0,109	FALSE
-0,108	0,310	-0,002	0,007	0,116	FALSE
-0,175	0,300	-0,007	0,011	0,286	FALSE
-0,051	0,310	-0,001	0,007	0,052	FALSE
0,020	0,315	0,000	0,007	0,020	FALSE
0,150	0,301	0,004	0,008	0,200	FALSE
0,170	0,281	0,004	0,008	0,226	FALSE
-0,083	0,312	-0,003	0,010	0,097	FALSE
0,083	0,303	0,003	0,012	0,095	FALSE
-0,160	0,302	-0,005	0,010	0,202	FALSE
-0,072	0,306	-0,001	0,007	0,076	FALSE
-0,034	0,305	-0,002	0,012	0,061	FALSE
-0,018	0,317	0,000	0,009	0,000	FALSE

-0,034	0,313	-0,001	0,011	0,046	FALSE
-0,030	0,298	0,000	0,007	0,015	FALSE
-0,021	0,317	-0,001	0,012	0,019	FALSE
0,101	0,303	0,003	0,009	0,152	FALSE
0,093	0,297	0,003	0,009	0,127	FALSE
0,054	0,302	0,002	0,008	0,080	FALSE
0,057	0,288	0,002	0,011	0,060	FALSE
-0,005	0,310	0,000	0,008	0,015	FALSE
-0,038	0,314	-0,001	0,011	0,035	FALSE
0,084	0,299	0,004	0,012	0,120	FALSE
0,106	0,317	0,003	0,007	0,147	FALSE
0,042	0,319	0,001	0,009	0,049	FALSE
-0,016	0,297	0,000	0,009	0,006	FALSE
0,044	0,296	0,001	0,006	0,070	FALSE
0,077	0,317	0,002	0,007	0,092	FALSE
0,045	0,321	0,001	0,007	0,052	FALSE
-0,016	0,316	0,000	0,007	0,017	FALSE
0,014	0,301	0,001	0,010	0,031	FALSE
-0,120	0,307	-0,006	0,012	0,190	FALSE
0,014	0,313	0,001	0,012	0,027	FALSE
-0,109	0,314	-0,005	0,011	0,173	FALSE
0,060	0,312	0,002	0,009	0,079	FALSE
-0,077	0,309	-0,002	0,007	0,106	FALSE
-0,077	0,313	-0,003	0,011	0,104	FALSE
0,018	0,307	0,001	0,011	0,025	FALSE
-0,057	0,314	-0,001	0,012	0,030	FALSE
-0,033	0,306	0,000	0,011	0,004	FALSE
0,103	0,309	0,002	0,009	0,105	FALSE
0,005	0,289	0,000	0,007	0,011	FALSE
-0,120	0,299	-0,004	0,009	0,169	FALSE
0,003	0,319	0,000	0,010	0,007	FALSE
-0,036	0,322	-0,001	0,010	0,031	FALSE
-0,071	0,298	-0,002	0,009	0,077	FALSE
-0,034	0,312	-0,001	0,011	0,017	FALSE
-0,068	0,305	-0,002	0,011	0,071	FALSE
-0,109	0,309	-0,002	0,007	0,143	FALSE
-0,016	0,313	-0,002	0,012	0,062	FALSE
-0,077	0,301	-0,002	0,007	0,101	FALSE
-0,077	0,309	-0,002	0,008	0,107	FALSE
0,108	0,306	0,002	0,007	0,143	FALSE
-0,012	0,303	0,000	0,011	0,000	FALSE
0,045	0,309	0,001	0,009	0,048	FALSE
-0,131	0,301	-0,005	0,012	0,189	FALSE
-0,117	0,297	-0,004	0,011	0,145	FALSE
-0,040	0,301	-0,002	0,012	0,059	FALSE
0,024	0,311	0,001	0,009	0,036	FALSE
-0,064	0,309	-0,002	0,010	0,074	FALSE
0,015	0,309	0,000	0,009	0,000	FALSE
-0,033	0,304	-0,001	0,012	0,020	FALSE
-0,022	0,308	0,000	0,012	0,000	FALSE
-0,062	0,306	-0,001	0,008	0,073	FALSE
-0,017	0,311	0,000	0,008	0,001	FALSE
-0,025	0,302	-0,001	0,006	0,050	FALSE

-0,144	0,303	-0,005	0,010	0,214	FALSE
0,066	0,305	0,002	0,010	0,072	FALSE
-0,016	0,308	0,000	0,007	0,010	FALSE
-0,012	0,297	-0,001	0,011	0,028	FALSE
0,070	0,306	0,002	0,008	0,100	FALSE
-0,033	0,309	-0,001	0,007	0,041	FALSE
-0,035	0,297	-0,002	0,011	0,082	FALSE
-0,032	0,302	-0,002	0,012	0,066	FALSE
-0,062	0,300	-0,002	0,006	0,117	FALSE
0,046	0,314	0,001	0,009	0,041	FALSE
-0,020	0,312	-0,002	0,012	0,046	FALSE
0,082	0,302	0,002	0,007	0,123	FALSE
0,008	0,329	0,000	0,011	0,000	FALSE
0,011	0,313	0,000	0,011	0,002	FALSE
0,038	0,312	0,001	0,011	0,024	FALSE
0,120	0,309	0,003	0,009	0,147	FALSE
-0,073	0,317	-0,002	0,008	0,090	FALSE
-0,067	0,316	-0,002	0,007	0,105	FALSE
-0,083	0,308	-0,002	0,006	0,103	FALSE
-0,050	0,309	-0,001	0,007	0,061	FALSE
-0,129	0,310	-0,004	0,009	0,167	FALSE
-0,063	0,308	-0,002	0,008	0,076	FALSE
0,033	0,301	0,000	0,008	0,012	FALSE
-0,055	0,306	-0,002	0,008	0,090	FALSE
-0,042	0,327	-0,001	0,009	0,057	FALSE
0,007	0,310	0,001	0,011	0,021	FALSE
-0,043	0,300	-0,001	0,008	0,049	FALSE
-0,079	0,297	-0,004	0,012	0,119	FALSE
-0,066	0,323	-0,001	0,006	0,073	FALSE
0,030	0,311	0,002	0,009	0,065	FALSE
-0,107	0,317	-0,002	0,006	0,139	FALSE
-0,028	0,297	-0,001	0,008	0,058	FALSE
0,034	0,303	0,002	0,008	0,075	FALSE
-0,149	0,290	-0,005	0,009	0,246	FALSE
0,009	0,291	0,000	0,009	0,007	FALSE
0,042	0,299	0,001	0,010	0,029	FALSE
-0,204	0,286	-0,006	0,009	0,301	FALSE
-0,036	0,300	-0,001	0,010	0,050	FALSE
-0,043	0,307	-0,002	0,010	0,073	FALSE
-0,051	0,309	-0,002	0,010	0,068	FALSE
-0,058	0,283	-0,002	0,007	0,094	FALSE
0,105	0,303	0,004	0,011	0,162	FALSE
-0,110	0,297	-0,003	0,007	0,168	FALSE
0,003	0,306	0,001	0,007	0,037	FALSE
0,036	0,301	0,001	0,008	0,032	FALSE
-0,032	0,326	-0,001	0,013	0,030	FALSE
0,065	0,293	0,001	0,007	0,063	FALSE
-0,150	0,304	-0,004	0,008	0,199	FALSE
0,131	0,289	0,004	0,009	0,219	FALSE
-0,040	0,317	-0,001	0,007	0,061	FALSE
0,025	0,318	0,001	0,012	0,029	FALSE
0,001	0,326	0,000	0,013	0,002	FALSE
-0,003	0,322	0,000	0,013	0,000	FALSE

0,016	0,324	0,001	0,013	0,025	FALSE
-0,007	0,314	0,000	0,012	0,014	FALSE
0,027	0,311	0,001	0,012	0,033	FALSE
-0,022	0,314	-0,001	0,013	0,028	TRUE
0,027	0,326	0,001	0,008	0,029	FALSE
0,230	0,281	0,006	0,007	0,411	FALSE
0,002	0,310	-0,001	0,013	0,029	FALSE
-0,004	0,327	0,000	0,013	0,003	FALSE
-0,024	0,313	-0,001	0,012	0,014	FALSE
-0,023	0,320	-0,001	0,013	0,023	FALSE
0,010	0,315	0,000	0,013	0,002	FALSE
0,008	0,322	0,000	0,013	0,006	FALSE
0,010	0,315	0,000	0,012	0,007	FALSE
-0,014	0,305	0,000	0,012	0,014	FALSE
0,009	0,320	0,000	0,013	0,002	FALSE
-0,020	0,319	-0,001	0,013	0,023	FALSE
-0,006	0,328	0,000	0,013	0,013	FALSE
0,006	0,318	0,000	0,012	0,001	FALSE
-0,006	0,314	0,000	0,012	0,006	FALSE
0,017	0,300	0,000	0,012	0,013	FALSE
0,007	0,301	0,000	0,012	0,009	FALSE
-0,003	0,320	0,000	0,012	0,002	FALSE
-0,029	0,306	-0,001	0,012	0,040	FALSE
0,096	0,296	0,002	0,007	0,124	FALSE
-0,035	0,306	-0,002	0,012	0,079	FALSE
0,068	0,302	0,002	0,007	0,110	FALSE
-0,032	0,304	-0,001	0,008	0,040	FALSE
-0,031	0,306	-0,001	0,008	0,026	FALSE
0,053	0,315	0,001	0,007	0,041	FALSE
0,083	0,305	0,001	0,007	0,076	FALSE
0,052	0,298	0,001	0,008	0,044	FALSE
0,058	0,303	0,001	0,008	0,066	FALSE
0,078	0,295	0,002	0,007	0,098	FALSE
-0,136	0,315	-0,003	0,006	0,194	FALSE
-0,173	0,298	-0,005	0,009	0,244	FALSE
0,017	0,304	0,000	0,009	0,014	FALSE
-0,154	0,301	-0,003	0,007	0,216	FALSE
-0,006	0,303	-0,001	0,010	0,019	FALSE
-0,014	0,301	-0,001	0,011	0,039	FALSE
0,005	0,296	0,000	0,010	0,010	FALSE
0,010	0,312	0,000	0,012	0,004	FALSE
-0,043	0,307	-0,001	0,012	0,035	FALSE
-0,042	0,308	-0,001	0,011	0,048	FALSE
-0,005	0,296	0,000	0,009	0,011	FALSE
-0,089	0,307	-0,004	0,011	0,124	FALSE
0,031	0,315	0,001	0,012	0,024	FALSE
-0,094	0,314	-0,003	0,010	0,132	FALSE
-0,093	0,315	-0,002	0,007	0,112	FALSE
-0,011	0,281	0,000	0,011	0,010	FALSE
0,090	0,298	0,002	0,007	0,103	FALSE
0,037	0,321	0,002	0,013	0,047	FALSE
0,001	0,324	0,000	0,013	0,003	FALSE
0,032	0,319	0,001	0,012	0,032	FALSE

-0,011	0,336	0,000	0,013	0,005	FALSE
0,031	0,316	0,001	0,012	0,038	FALSE
0,028	0,316	0,001	0,013	0,032	FALSE
0,013	0,313	0,000	0,013	0,009	FALSE
-0,011	0,318	-0,001	0,012	0,014	FALSE
-0,025	0,310	-0,001	0,012	0,030	FALSE
-0,015	0,318	-0,001	0,013	0,024	FALSE
-0,048	0,310	-0,001	0,007	0,070	FALSE
-0,044	0,301	-0,002	0,009	0,065	FALSE
0,033	0,324	0,001	0,013	0,033	FALSE
0,007	0,312	0,000	0,012	0,002	FALSE
0,009	0,313	0,001	0,012	0,019	FALSE
0,017	0,324	0,001	0,013	0,018	FALSE
0,010	0,327	0,000	0,013	0,010	FALSE
0,044	0,296	0,001	0,009	0,022	FALSE
0,037	0,317	0,001	0,008	0,042	FALSE
-0,005	0,315	0,000	0,012	0,014	FALSE
0,035	0,320	0,001	0,013	0,040	FALSE
0,022	0,325	0,001	0,013	0,019	FALSE
-0,016	0,312	-0,001	0,012	0,017	FALSE
-0,004	0,322	-0,001	0,013	0,016	FALSE
-0,050	0,308	-0,002	0,012	0,065	FALSE
0,041	0,284	0,001	0,006	0,088	FALSE
0,044	0,312	0,000	0,007	0,024	FALSE
0,046	0,310	0,002	0,012	0,060	FALSE
0,002	0,314	0,000	0,013	0,002	FALSE
0,000	0,315	0,000	0,012	0,002	FALSE
-0,073	0,300	-0,004	0,011	0,128	FALSE
-0,039	0,309	-0,001	0,010	0,031	FALSE
0,030	0,293	0,001	0,009	0,035	FALSE
0,016	0,303	0,000	0,010	0,009	FALSE
0,008	0,291	0,000	0,008	0,007	FALSE
-0,065	0,306	-0,002	0,009	0,092	FALSE
-0,054	0,305	-0,002	0,009	0,082	FALSE
0,064	0,319	0,002	0,010	0,068	FALSE
0,014	0,298	0,000	0,008	0,017	FALSE
-0,003	0,310	0,000	0,009	0,004	FALSE
0,004	0,292	-0,001	0,012	0,015	FALSE
0,050	0,300	0,001	0,006	0,065	FALSE
-0,137	0,315	-0,004	0,010	0,170	FALSE
0,032	0,311	0,001	0,012	0,035	FALSE
-0,006	0,320	-0,001	0,013	0,028	FALSE
0,003	0,313	0,000	0,012	0,006	FALSE
0,013	0,316	0,000	0,013	0,012	FALSE
-0,120	0,310	-0,004	0,010	0,151	FALSE
0,196	0,294	0,006	0,008	0,353	FALSE
0,027	0,310	0,000	0,007	0,021	FALSE
-0,173	0,307	-0,005	0,010	0,235	FALSE
-0,024	0,315	-0,001	0,007	0,047	FALSE
-0,026	0,300	-0,001	0,007	0,048	FALSE
-0,007	0,317	-0,001	0,007	0,047	FALSE
-0,030	0,292	-0,001	0,007	0,078	FALSE
-0,033	0,304	-0,001	0,007	0,067	FALSE

-0,006	0,310	-0,001	0,007	0,034	FALSE
-0,023	0,308	-0,001	0,007	0,065	FALSE
-0,013	0,309	-0,001	0,007	0,045	FALSE
-0,004	0,300	-0,001	0,007	0,035	FALSE
-0,073	0,312	-0,004	0,012	0,121	FALSE
-0,016	0,316	0,000	0,006	0,024	FALSE
0,035	0,310	0,000	0,008	0,001	FALSE
-0,084	0,305	-0,004	0,012	0,139	FALSE
0,076	0,307	0,003	0,012	0,086	FALSE
0,046	0,309	0,002	0,012	0,057	FALSE
-0,021	0,318	-0,001	0,012	0,036	FALSE
-0,018	0,297	-0,001	0,012	0,022	FALSE
0,005	0,321	0,000	0,013	0,004	FALSE
-0,021	0,326	-0,001	0,013	0,036	FALSE
-0,005	0,309	0,000	0,013	0,012	FALSE
-0,019	0,321	-0,001	0,013	0,030	FALSE
-0,039	0,316	-0,002	0,012	0,058	FALSE
-0,040	0,310	-0,002	0,012	0,061	FALSE
-0,027	0,310	-0,001	0,012	0,033	FALSE
-0,041	0,317	-0,002	0,013	0,061	FALSE
0,015	0,306	0,001	0,007	0,039	FALSE
-0,051	0,320	-0,001	0,008	0,046	FALSE
0,042	0,304	0,000	0,007	0,008	FALSE
0,022	0,303	0,000	0,008	0,015	FALSE
-0,070	0,308	-0,004	0,012	0,113	FALSE
-0,042	0,310	-0,002	0,012	0,063	FALSE
-0,074	0,324	-0,002	0,008	0,100	FALSE
-0,001	0,294	0,000	0,010	0,001	FALSE
0,093	0,303	0,002	0,007	0,124	FALSE
0,078	0,322	0,003	0,011	0,106	FALSE
0,073	0,306	0,002	0,007	0,101	FALSE
0,161	0,305	0,003	0,006	0,235	FALSE
-0,042	0,309	-0,002	0,012	0,055	FALSE
0,013	0,297	0,000	0,009	0,003	FALSE
-0,004	0,301	0,001	0,008	0,028	FALSE
0,035	0,318	0,001	0,009	0,028	FALSE
-0,041	0,313	-0,001	0,007	0,044	FALSE
-0,073	0,316	-0,003	0,011	0,104	FALSE
0,144	0,290	0,005	0,010	0,224	FALSE
0,033	0,303	0,000	0,007	0,017	FALSE
-0,008	0,304	0,000	0,011	0,012	FALSE
-0,007	0,311	0,000	0,011	0,016	FALSE
-0,059	0,315	-0,002	0,007	0,093	FALSE
-0,121	0,307	-0,005	0,011	0,186	FALSE
-0,122	0,311	-0,005	0,011	0,188	FALSE
-0,092	0,311	-0,002	0,008	0,080	FALSE
-0,049	0,306	-0,002	0,011	0,065	FALSE
-0,080	0,312	-0,002	0,007	0,114	FALSE
0,100	0,299	0,004	0,009	0,167	FALSE
0,081	0,314	0,002	0,008	0,092	FALSE
-0,060	0,297	-0,002	0,010	0,081	FALSE
0,099	0,297	0,004	0,010	0,169	FALSE
0,066	0,318	0,002	0,007	0,091	FALSE

0,093	0,281	0,003	0,009	0,109	FALSE
-0,174	0,302	-0,007	0,012	0,260	FALSE
-0,022	0,298	-0,001	0,012	0,023	FALSE
0,021	0,300	0,001	0,012	0,033	FALSE
0,018	0,303	0,001	0,013	0,026	FALSE
0,103	0,288	0,003	0,011	0,112	FALSE
0,081	0,308	0,003	0,011	0,086	FALSE
-0,138	0,311	-0,005	0,012	0,192	FALSE
0,018	0,303	0,001	0,012	0,028	FALSE
-0,091	0,312	-0,003	0,011	0,114	FALSE
-0,040	0,307	-0,001	0,010	0,024	FALSE
-0,022	0,292	-0,001	0,008	0,053	FALSE
0,040	0,306	0,002	0,011	0,060	FALSE
0,039	0,310	0,002	0,011	0,068	FALSE
0,067	0,316	0,001	0,007	0,080	FALSE
0,031	0,307	0,002	0,011	0,054	FALSE
-0,019	0,315	0,000	0,010	0,000	FALSE
0,012	0,318	0,001	0,012	0,019	FALSE
0,009	0,308	0,001	0,011	0,028	FALSE
0,023	0,306	0,000	0,011	0,010	FALSE
0,048	0,291	0,002	0,007	0,087	FALSE
0,060	0,310	0,001	0,007	0,077	FALSE
-0,133	0,302	-0,003	0,006	0,177	FALSE
-0,027	0,290	-0,001	0,009	0,020	FALSE
0,053	0,300	0,002	0,011	0,069	FALSE
0,021	0,308	0,001	0,012	0,024	FALSE
-0,085	0,295	-0,002	0,007	0,078	FALSE
-0,078	0,302	-0,001	0,008	0,070	FALSE
-0,085	0,300	-0,002	0,007	0,080	FALSE
0,006	0,306	0,000	0,010	0,012	FALSE
-0,075	0,300	-0,003	0,012	0,103	FALSE
0,013	0,310	0,000	0,009	0,016	FALSE
0,051	0,316	0,003	0,011	0,094	FALSE
-0,036	0,303	0,000	0,010	0,012	FALSE
-0,048	0,322	-0,001	0,012	0,031	FALSE
-0,067	0,297	-0,002	0,010	0,093	FALSE
-0,027	0,327	-0,001	0,012	0,022	FALSE
-0,144	0,301	-0,003	0,008	0,177	FALSE
-0,053	0,307	-0,002	0,012	0,071	FALSE
-0,015	0,309	0,000	0,011	0,002	FALSE
-0,042	0,315	-0,003	0,013	0,079	FALSE
0,094	0,307	0,005	0,012	0,152	FALSE
0,017	0,288	0,001	0,010	0,023	FALSE
-0,085	0,313	-0,002	0,008	0,090	FALSE
-0,022	0,309	0,000	0,010	0,014	FALSE
-0,080	0,314	-0,002	0,007	0,093	FALSE
0,136	0,299	0,005	0,010	0,211	FALSE
0,137	0,309	0,006	0,012	0,206	FALSE
0,154	0,305	0,006	0,012	0,230	FALSE
0,128	0,302	0,006	0,012	0,204	FALSE
0,035	0,294	0,001	0,008	0,055	FALSE
-0,043	0,316	-0,001	0,008	0,042	FALSE
0,009	0,297	0,001	0,010	0,024	FALSE

0,001	0,298	0,000	0,010	0,003	FALSE
0,071	0,293	0,002	0,009	0,068	FALSE
-0,041	0,308	-0,001	0,007	0,032	FALSE
-0,020	0,299	-0,001	0,010	0,017	FALSE
0,118	0,293	0,003	0,009	0,148	FALSE
0,005	0,300	0,001	0,011	0,031	FALSE
-0,047	0,300	-0,002	0,012	0,061	FALSE
0,070	0,304	0,002	0,011	0,087	FALSE
-0,130	0,313	-0,005	0,012	0,162	FALSE
0,015	0,310	0,001	0,013	0,021	FALSE
-0,033	0,299	0,000	0,008	0,008	FALSE
0,059	0,305	0,001	0,006	0,058	FALSE
0,046	0,311	0,001	0,008	0,043	FALSE
0,071	0,312	0,002	0,009	0,105	FALSE
0,079	0,298	0,002	0,008	0,100	FALSE
-0,089	0,310	-0,004	0,010	0,137	FALSE
-0,014	0,311	0,000	0,009	0,012	FALSE
-0,001	0,297	0,001	0,008	0,027	FALSE
0,063	0,314	0,002	0,012	0,076	FALSE
-0,010	0,294	0,000	0,010	0,007	FALSE
-0,063	0,301	-0,001	0,008	0,047	FALSE
-0,064	0,311	-0,002	0,012	0,057	FALSE
-0,028	0,307	-0,001	0,010	0,030	FALSE
0,035	0,311	0,000	0,011	0,005	FALSE
-0,102	0,303	-0,002	0,008	0,082	FALSE
-0,122	0,306	-0,004	0,009	0,187	FALSE
0,030	0,298	0,001	0,006	0,048	FALSE
0,026	0,308	0,001	0,006	0,034	FALSE
0,012	0,308	0,000	0,006	0,016	FALSE
0,031	0,311	0,002	0,011	0,064	FALSE
0,102	0,309	0,002	0,007	0,125	FALSE
0,035	0,301	0,001	0,006	0,050	FALSE
-0,029	0,303	-0,001	0,010	0,039	FALSE
-0,051	0,302	0,000	0,007	0,021	FALSE
0,112	0,318	0,004	0,010	0,165	FALSE
0,125	0,312	0,005	0,012	0,167	FALSE
0,070	0,317	0,003	0,013	0,090	FALSE
0,084	0,309	0,004	0,013	0,108	FALSE
-0,091	0,295	-0,004	0,012	0,127	FALSE
0,035	0,308	0,001	0,007	0,053	FALSE
0,164	0,295	0,007	0,012	0,248	FALSE
0,042	0,309	0,001	0,006	0,054	FALSE
0,145	0,298	0,006	0,013	0,188	FALSE
0,158	0,312	0,006	0,013	0,210	FALSE
-0,114	0,295	-0,004	0,012	0,126	FALSE
-0,027	0,309	0,000	0,010	0,016	FALSE
0,025	0,309	0,001	0,012	0,031	FALSE
-0,055	0,298	-0,001	0,009	0,058	FALSE
0,092	0,311	0,002	0,006	0,105	FALSE
0,040	0,312	0,001	0,012	0,040	FALSE
-0,109	0,304	-0,004	0,009	0,154	FALSE
0,103	0,311	0,002	0,007	0,126	FALSE
0,117	0,309	0,003	0,007	0,148	FALSE

-0,057	0,299	-0,002	0,009	0,066	FALSE
0,031	0,317	0,002	0,012	0,048	FALSE
0,113	0,325	0,004	0,011	0,147	FALSE
0,143	0,311	0,006	0,011	0,210	FALSE
-0,040	0,311	-0,001	0,010	0,025	FALSE
0,065	0,309	0,002	0,009	0,075	FALSE
0,018	0,321	0,000	0,013	0,004	FALSE
0,022	0,311	0,000	0,012	0,002	FALSE
0,060	0,314	0,001	0,007	0,072	FALSE
0,067	0,303	0,003	0,010	0,108	FALSE
-0,084	0,315	-0,002	0,007	0,131	FALSE
-0,110	0,298	-0,003	0,008	0,153	FALSE
-0,058	0,320	-0,001	0,009	0,028	FALSE
-0,091	0,307	-0,002	0,009	0,084	FALSE
-0,094	0,305	-0,002	0,008	0,086	FALSE
-0,001	0,296	0,000	0,008	0,015	FALSE
-0,192	0,307	-0,007	0,011	0,295	FALSE
0,001	0,305	0,000	0,008	0,017	FALSE
0,005	0,309	0,000	0,008	0,014	FALSE
0,028	0,321	0,000	0,008	0,001	FALSE
-0,037	0,319	-0,001	0,011	0,047	FALSE
0,043	0,305	0,001	0,009	0,056	FALSE
-0,017	0,324	0,000	0,008	0,022	FALSE
-0,033	0,315	-0,002	0,012	0,054	FALSE
0,026	0,319	0,001	0,013	0,042	FALSE
0,088	0,311	0,003	0,012	0,107	FALSE
-0,036	0,308	-0,001	0,008	0,043	FALSE
0,048	0,311	0,001	0,010	0,055	FALSE
-0,045	0,295	-0,002	0,011	0,074	FALSE
-0,017	0,295	-0,001	0,011	0,044	FALSE
0,032	0,320	0,001	0,012	0,033	FALSE
-0,032	0,311	-0,001	0,010	0,041	FALSE
-0,111	0,299	-0,004	0,009	0,182	FALSE
-0,088	0,303	-0,005	0,013	0,143	FALSE
0,044	0,296	0,000	0,006	0,022	FALSE
0,037	0,319	0,001	0,008	0,056	FALSE
-0,100	0,305	-0,002	0,007	0,118	FALSE
0,043	0,298	0,001	0,007	0,043	FALSE
-0,026	0,317	-0,002	0,012	0,057	FALSE
0,025	0,296	0,000	0,009	0,013	FALSE
0,001	0,307	0,000	0,011	0,007	FALSE
0,182	0,285	0,005	0,007	0,280	FALSE
0,032	0,329	0,001	0,011	0,040	FALSE
0,038	0,307	0,002	0,010	0,055	FALSE
0,038	0,301	0,002	0,010	0,064	FALSE
0,037	0,318	0,002	0,011	0,057	FALSE
0,017	0,311	0,000	0,010	0,014	FALSE
0,065	0,313	0,002	0,009	0,079	FALSE
0,157	0,299	0,003	0,006	0,207	FALSE
-0,034	0,305	-0,001	0,009	0,031	FALSE
-0,022	0,305	0,000	0,007	0,016	FALSE
-0,028	0,309	-0,001	0,007	0,040	FALSE
-0,084	0,314	-0,002	0,008	0,128	FALSE

-0,118	0,309	-0,003	0,008	0,158	FALSE
-0,094	0,319	-0,002	0,009	0,108	FALSE
-0,072	0,305	-0,002	0,009	0,099	FALSE
-0,128	0,301	-0,006	0,012	0,202	FALSE
-0,093	0,314	-0,004	0,013	0,134	FALSE
-0,038	0,310	-0,001	0,008	0,037	FALSE
-0,100	0,291	-0,005	0,012	0,153	FALSE
0,111	0,307	0,004	0,011	0,146	FALSE
0,008	0,317	0,001	0,012	0,020	FALSE
0,022	0,307	0,001	0,011	0,037	FALSE
-0,068	0,306	-0,001	0,008	0,060	FALSE
-0,128	0,320	-0,002	0,007	0,130	FALSE
-0,013	0,298	0,000	0,008	0,002	FALSE
0,077	0,297	0,001	0,006	0,069	FALSE
0,051	0,316	0,001	0,007	0,040	FALSE
0,050	0,305	0,001	0,006	0,040	FALSE
0,044	0,313	0,001	0,007	0,028	FALSE
0,073	0,301	0,002	0,008	0,098	FALSE
-0,112	0,308	-0,004	0,012	0,132	FALSE
0,204	0,289	0,007	0,008	0,368	FALSE
-0,084	0,309	-0,003	0,012	0,097	FALSE
-0,100	0,306	-0,004	0,012	0,138	FALSE
0,015	0,324	0,000	0,007	0,014	FALSE
0,042	0,302	0,001	0,007	0,062	FALSE
0,058	0,311	0,002	0,007	0,090	FALSE
0,089	0,301	0,004	0,011	0,145	FALSE
-0,072	0,302	-0,004	0,012	0,124	FALSE
0,041	0,316	0,001	0,006	0,046	FALSE
-0,053	0,319	-0,002	0,009	0,076	FALSE
-0,007	0,304	0,000	0,007	0,005	FALSE
-0,030	0,313	-0,001	0,010	0,044	FALSE
-0,049	0,314	-0,002	0,009	0,075	FALSE
-0,022	0,305	0,000	0,011	0,004	FALSE
-0,020	0,310	-0,001	0,006	0,041	FALSE
0,095	0,304	0,002	0,006	0,099	FALSE
0,120	0,301	0,005	0,011	0,176	FALSE
-0,053	0,327	-0,002	0,013	0,065	FALSE
0,006	0,328	0,000	0,008	0,008	FALSE
0,020	0,302	0,001	0,009	0,025	FALSE
0,033	0,313	0,002	0,010	0,059	FALSE
0,000	0,309	0,000	0,010	0,016	FALSE
0,065	0,296	0,002	0,006	0,096	FALSE
-0,004	0,305	0,000	0,008	0,006	FALSE
-0,007	0,304	0,000	0,007	0,000	FALSE
-0,049	0,295	-0,002	0,011	0,086	FALSE
0,058	0,301	0,001	0,007	0,070	FALSE
0,056	0,302	0,002	0,009	0,106	FALSE
0,001	0,309	0,001	0,011	0,017	FALSE
-0,035	0,302	-0,002	0,011	0,059	FALSE
0,055	0,302	0,002	0,008	0,096	FALSE
0,050	0,298	0,001	0,010	0,050	FALSE
0,018	0,307	0,000	0,012	0,014	FALSE
0,015	0,302	0,000	0,012	0,009	FALSE

-0,084	0,311	-0,002	0,007	0,096	FALSE
0,028	0,313	0,001	0,012	0,043	FALSE
-0,003	0,317	0,000	0,007	0,015	FALSE
-0,101	0,301	-0,003	0,010	0,117	FALSE
-0,029	0,312	-0,002	0,011	0,053	FALSE
-0,235	0,299	-0,007	0,009	0,360	FALSE
-0,135	0,312	-0,003	0,008	0,182	FALSE
-0,054	0,300	-0,002	0,011	0,076	FALSE
-0,062	0,307	-0,002	0,010	0,074	FALSE
0,044	0,307	0,001	0,012	0,024	FALSE
0,053	0,304	0,001	0,011	0,036	FALSE
0,112	0,305	0,004	0,011	0,154	FALSE
0,101	0,308	0,002	0,009	0,106	FALSE
0,071	0,300	0,003	0,012	0,107	FALSE
-0,075	0,305	-0,004	0,012	0,119	FALSE
-0,058	0,308	-0,003	0,011	0,087	FALSE
-0,062	0,309	-0,002	0,007	0,079	FALSE
-0,052	0,312	-0,003	0,013	0,088	FALSE
0,065	0,316	0,003	0,012	0,104	FALSE
0,040	0,306	0,000	0,006	0,028	FALSE
0,054	0,327	0,001	0,010	0,050	FALSE
0,009	0,307	0,001	0,011	0,042	FALSE
0,095	0,319	0,003	0,009	0,132	FALSE
-0,029	0,324	-0,001	0,008	0,035	FALSE
-0,038	0,319	-0,001	0,008	0,052	FALSE
0,003	0,316	0,000	0,007	0,010	FALSE
0,064	0,307	0,001	0,007	0,063	FALSE
0,063	0,302	0,003	0,012	0,083	FALSE
-0,104	0,297	-0,003	0,008	0,145	FALSE
-0,046	0,307	-0,002	0,009	0,062	FALSE
-0,076	0,309	-0,003	0,012	0,082	FALSE
-0,105	0,301	-0,004	0,011	0,170	FALSE
0,055	0,308	0,002	0,009	0,082	FALSE
-0,029	0,303	0,000	0,012	0,014	FALSE
-0,004	0,320	-0,001	0,011	0,029	FALSE
-0,025	0,308	-0,001	0,007	0,047	FALSE
0,086	0,293	0,003	0,007	0,150	FALSE
-0,020	0,313	-0,002	0,011	0,059	FALSE
0,081	0,305	0,002	0,012	0,073	FALSE
-0,002	0,304	0,000	0,009	0,008	FALSE
0,012	0,303	0,000	0,009	0,006	FALSE
-0,013	0,297	0,000	0,006	0,016	FALSE
0,014	0,311	0,000	0,011	0,010	FALSE
-0,055	0,306	-0,001	0,008	0,036	FALSE
-0,146	0,305	-0,007	0,013	0,242	FALSE
0,081	0,312	0,004	0,012	0,122	FALSE
-0,133	0,311	-0,004	0,009	0,188	FALSE
-0,119	0,309	-0,003	0,009	0,165	FALSE
-0,084	0,315	-0,003	0,009	0,112	FALSE
0,140	0,299	0,004	0,010	0,180	FALSE
0,130	0,302	0,004	0,010	0,166	FALSE
-0,050	0,323	-0,002	0,010	0,055	FALSE
-0,059	0,312	-0,002	0,012	0,064	FALSE

0,098	0,313	0,003	0,009	0,127	FALSE
-0,097	0,314	-0,004	0,012	0,117	FALSE
-0,101	0,314	-0,004	0,012	0,129	FALSE
-0,134	0,295	-0,006	0,011	0,248	FALSE
-0,066	0,316	-0,002	0,008	0,106	FALSE
0,049	0,313	0,001	0,007	0,049	FALSE
0,041	0,320	0,001	0,011	0,044	FALSE
0,122	0,291	0,005	0,012	0,173	FALSE
0,193	0,306	0,008	0,012	0,309	FALSE
0,220	0,298	0,009	0,012	0,371	FALSE
-0,008	0,309	0,000	0,008	0,008	FALSE
0,166	0,299	0,007	0,011	0,263	FALSE
0,184	0,286	0,008	0,011	0,313	FALSE
-0,129	0,308	-0,003	0,007	0,160	FALSE
-0,133	0,315	-0,003	0,007	0,153	FALSE
0,004	0,314	0,000	0,011	0,012	FALSE
0,089	0,302	0,002	0,008	0,108	FALSE
0,059	0,300	0,002	0,008	0,084	FALSE
-0,055	0,303	0,000	0,006	0,027	FALSE
-0,049	0,307	-0,003	0,012	0,109	FALSE
-0,051	0,294	-0,002	0,008	0,104	FALSE
0,073	0,300	0,001	0,006	0,092	FALSE
-0,031	0,316	-0,001	0,011	0,048	FALSE
-0,011	0,307	-0,001	0,012	0,037	FALSE
0,117	0,323	0,004	0,011	0,135	FALSE
-0,039	0,308	-0,002	0,012	0,069	FALSE
0,091	0,305	0,003	0,010	0,137	FALSE
0,078	0,307	0,003	0,013	0,091	FALSE
-0,024	0,320	-0,001	0,009	0,038	FALSE
-0,075	0,291	-0,003	0,009	0,111	FALSE
0,111	0,295	0,004	0,008	0,175	FALSE
-0,078	0,305	-0,003	0,010	0,129	FALSE
-0,015	0,310	-0,001	0,009	0,035	FALSE
-0,007	0,322	-0,001	0,009	0,025	FALSE
-0,030	0,312	-0,001	0,009	0,045	FALSE
-0,068	0,306	-0,002	0,009	0,094	TRUE
-0,115	0,310	-0,003	0,007	0,166	FALSE
-0,050	0,314	-0,001	0,007	0,066	FALSE
0,012	0,303	0,000	0,007	0,014	FALSE
-0,011	0,306	0,000	0,007	0,007	FALSE
0,022	0,311	0,001	0,009	0,037	FALSE
-0,005	0,305	-0,002	0,011	0,052	FALSE
0,059	0,302	0,002	0,007	0,094	FALSE
-0,031	0,297	-0,001	0,006	0,054	FALSE
-0,012	0,307	-0,002	0,012	0,044	FALSE
-0,155	0,298	-0,003	0,007	0,219	FALSE
-0,018	0,307	-0,001	0,011	0,028	FALSE
0,018	0,316	0,001	0,008	0,029	FALSE
-0,091	0,330	-0,003	0,010	0,104	FALSE
0,007	0,291	0,001	0,012	0,036	FALSE
-0,043	0,299	-0,002	0,012	0,067	FALSE
0,021	0,317	0,001	0,007	0,038	FALSE
0,071	0,296	0,001	0,006	0,068	FALSE

-0,073	0,317	-0,002	0,008	0,110	FALSE
-0,060	0,301	-0,002	0,008	0,107	FALSE
-0,083	0,311	-0,002	0,013	0,069	FALSE
-0,175	0,281	-0,005	0,009	0,239	FALSE
-0,204	0,288	-0,008	0,011	0,306	FALSE
-0,215	0,292	-0,008	0,011	0,315	FALSE
-0,192	0,276	-0,005	0,009	0,254	FALSE
-0,097	0,319	-0,003	0,010	0,113	FALSE
-0,186	0,282	-0,007	0,011	0,262	FALSE
-0,084	0,306	-0,004	0,013	0,108	FALSE
-0,003	0,309	0,000	0,007	0,005	FALSE
0,113	0,309	0,003	0,008	0,135	FALSE
-0,074	0,312	-0,002	0,007	0,097	FALSE
0,120	0,294	0,004	0,010	0,140	FALSE
0,087	0,304	0,002	0,010	0,065	FALSE
-0,009	0,310	-0,001	0,008	0,026	FALSE
-0,035	0,315	-0,001	0,008	0,053	FALSE
0,084	0,311	0,003	0,008	0,127	FALSE
-0,075	0,302	-0,002	0,010	0,091	FALSE
-0,095	0,306	-0,003	0,008	0,133	FALSE
0,050	0,328	0,001	0,009	0,046	FALSE
0,102	0,309	0,004	0,010	0,146	FALSE
-0,026	0,305	0,000	0,007	0,023	FALSE
0,041	0,325	0,001	0,008	0,055	FALSE
0,088	0,318	0,002	0,007	0,104	FALSE
0,057	0,312	0,001	0,007	0,065	FALSE
0,013	0,323	0,000	0,011	0,010	FALSE
0,020	0,306	0,000	0,007	0,013	FALSE
0,067	0,305	0,003	0,012	0,109	FALSE
0,070	0,314	0,002	0,012	0,068	FALSE
0,022	0,309	0,002	0,013	0,051	FALSE
0,052	0,305	0,003	0,012	0,080	FALSE
0,045	0,310	0,002	0,013	0,060	FALSE
0,011	0,315	0,001	0,013	0,023	FALSE
0,020	0,309	0,001	0,012	0,040	FALSE
0,044	0,300	0,002	0,012	0,068	FALSE
-0,009	0,308	0,000	0,010	0,002	FALSE
0,003	0,314	0,000	0,011	0,011	FALSE
0,003	0,315	0,000	0,012	0,010	FALSE
0,099	0,310	0,002	0,007	0,128	FALSE
-0,068	0,303	-0,002	0,007	0,106	FALSE
-0,064	0,314	-0,002	0,011	0,073	FALSE
0,042	0,304	0,001	0,009	0,055	FALSE
0,142	0,298	0,006	0,012	0,187	FALSE
0,054	0,323	0,002	0,013	0,051	FALSE
-0,066	0,301	-0,001	0,006	0,079	FALSE
0,111	0,307	0,002	0,007	0,136	FALSE
0,013	0,318	0,001	0,008	0,023	FALSE
-0,025	0,306	-0,001	0,007	0,051	FALSE
0,083	0,304	0,002	0,007	0,118	FALSE
-0,052	0,311	-0,001	0,010	0,046	FALSE
-0,117	0,299	-0,003	0,011	0,101	FALSE
-0,140	0,300	-0,004	0,012	0,136	FALSE

0,029	0,304	0,000	0,010	0,009	FALSE
0,074	0,304	0,002	0,010	0,064	FALSE
0,052	0,317	0,001	0,010	0,047	FALSE
-0,036	0,303	0,000	0,010	0,014	FALSE
0,068	0,303	0,003	0,011	0,118	FALSE
-0,052	0,307	-0,002	0,011	0,062	FALSE
0,038	0,303	0,002	0,012	0,060	FALSE
0,047	0,303	0,002	0,012	0,058	FALSE
0,113	0,306	0,004	0,009	0,180	FALSE
-0,030	0,299	-0,001	0,007	0,043	FALSE
0,121	0,313	0,004	0,012	0,140	FALSE
0,009	0,296	0,001	0,008	0,044	FALSE
-0,010	0,299	0,000	0,007	0,016	FALSE
-0,098	0,309	-0,004	0,009	0,155	FALSE
-0,067	0,307	-0,002	0,008	0,083	FALSE
-0,056	0,305	-0,001	0,007	0,071	FALSE
-0,017	0,325	0,000	0,012	0,006	FALSE
-0,084	0,305	-0,003	0,013	0,101	FALSE
-0,109	0,309	-0,003	0,007	0,154	FALSE
0,079	0,306	0,003	0,010	0,111	FALSE
0,078	0,306	0,002	0,010	0,094	FALSE
0,024	0,289	0,001	0,010	0,028	FALSE
0,035	0,305	0,001	0,008	0,036	FALSE
-0,075	0,305	-0,003	0,011	0,090	FALSE
-0,017	0,317	-0,001	0,009	0,033	FALSE
-0,127	0,298	-0,006	0,012	0,221	FALSE
-0,021	0,319	-0,001	0,009	0,048	FALSE
0,014	0,300	0,001	0,007	0,062	FALSE
0,066	0,290	0,002	0,011	0,087	FALSE
-0,005	0,319	0,000	0,008	0,001	FALSE
0,060	0,307	0,002	0,009	0,091	FALSE
0,026	0,327	0,001	0,010	0,025	FALSE
0,064	0,316	0,002	0,012	0,078	FALSE
0,085	0,313	0,002	0,011	0,076	FALSE
0,137	0,305	0,005	0,011	0,196	FALSE
-0,090	0,304	-0,003	0,009	0,129	FALSE
-0,030	0,314	0,000	0,012	0,014	FALSE
0,007	0,302	0,000	0,006	0,001	FALSE
0,038	0,311	0,001	0,006	0,035	FALSE
-0,036	0,312	-0,001	0,009	0,039	FALSE
0,083	0,313	0,002	0,010	0,095	FALSE
0,015	0,310	0,001	0,010	0,028	FALSE
0,028	0,302	0,001	0,006	0,047	FALSE
0,007	0,306	0,000	0,007	0,005	FALSE
-0,039	0,313	-0,001	0,007	0,029	FALSE
0,087	0,305	0,003	0,008	0,135	FALSE
0,097	0,308	0,003	0,008	0,149	FALSE
0,045	0,315	0,002	0,011	0,082	FALSE
-0,009	0,307	-0,001	0,010	0,044	FALSE
0,034	0,309	0,001	0,010	0,049	FALSE
-0,115	0,309	-0,004	0,009	0,176	FALSE
0,072	0,308	0,001	0,007	0,082	FALSE
-0,047	0,316	-0,001	0,007	0,063	FALSE

-0,148	0,309	-0,006	0,010	0,247	FALSE
0,058	0,313	0,003	0,013	0,094	FALSE
-0,025	0,313	-0,001	0,010	0,033	FALSE
-0,162	0,304	-0,008	0,012	0,271	FALSE
0,026	0,310	0,001	0,010	0,026	FALSE
-0,011	0,304	0,000	0,006	0,002	FALSE
0,037	0,313	0,001	0,006	0,056	FALSE
-0,124	0,307	-0,003	0,007	0,157	FALSE
-0,051	0,313	-0,002	0,012	0,047	FALSE
0,017	0,290	0,000	0,007	0,018	FALSE
-0,062	0,286	-0,001	0,009	0,038	FALSE
0,041	0,317	0,001	0,013	0,036	FALSE
0,033	0,322	0,001	0,013	0,035	FALSE
0,012	0,312	0,001	0,013	0,017	FALSE
0,154	0,296	0,003	0,006	0,168	FALSE
0,145	0,294	0,003	0,007	0,153	FALSE
0,039	0,313	0,001	0,012	0,042	FALSE
-0,064	0,308	-0,002	0,012	0,072	FALSE
-0,018	0,324	-0,001	0,012	0,017	FALSE
-0,097	0,314	-0,004	0,013	0,112	FALSE
-0,073	0,316	-0,002	0,011	0,071	FALSE
-0,046	0,295	-0,001	0,007	0,027	FALSE
-0,121	0,309	-0,004	0,012	0,157	FALSE
-0,105	0,317	-0,003	0,010	0,101	FALSE
-0,103	0,316	-0,003	0,011	0,121	FALSE
0,024	0,296	0,000	0,010	0,016	FALSE
0,046	0,322	0,001	0,010	0,041	FALSE
-0,021	0,305	0,000	0,013	0,011	FALSE
0,126	0,298	0,003	0,007	0,189	FALSE
0,008	0,318	0,000	0,007	0,005	FALSE
-0,017	0,309	0,000	0,007	0,012	FALSE
0,109	0,296	0,004	0,011	0,143	FALSE
-0,126	0,303	-0,006	0,012	0,195	FALSE
0,081	0,306	0,002	0,008	0,099	FALSE
0,137	0,295	0,006	0,012	0,227	FALSE
0,027	0,312	0,001	0,008	0,032	FALSE
-0,103	0,322	-0,003	0,008	0,146	FALSE
0,078	0,300	0,004	0,012	0,116	FALSE
0,046	0,307	0,001	0,010	0,051	FALSE
0,007	0,304	0,000	0,006	0,011	FALSE
-0,059	0,311	-0,003	0,013	0,091	FALSE
-0,133	0,300	-0,006	0,012	0,199	FALSE
-0,004	0,315	0,000	0,009	0,012	FALSE
-0,028	0,311	-0,001	0,007	0,032	FALSE
0,037	0,316	0,001	0,008	0,059	FALSE
-0,069	0,296	-0,002	0,009	0,081	FALSE
0,059	0,291	0,002	0,009	0,087	FALSE
0,067	0,312	0,003	0,011	0,094	FALSE
-0,076	0,296	-0,001	0,007	0,076	FALSE
-0,060	0,308	-0,001	0,007	0,060	FALSE
-0,088	0,318	-0,002	0,007	0,092	FALSE
-0,088	0,312	-0,002	0,007	0,088	FALSE
-0,060	0,308	-0,001	0,007	0,063	FALSE

0,035	0,300	0,001	0,006	0,058	FALSE
-0,124	0,298	-0,003	0,007	0,147	FALSE
0,008	0,292	0,002	0,012	0,052	FALSE
0,079	0,299	0,004	0,011	0,135	FALSE
0,115	0,308	0,005	0,012	0,152	FALSE
-0,103	0,299	-0,003	0,012	0,104	FALSE
0,183	0,302	0,004	0,007	0,275	FALSE
-0,106	0,309	-0,002	0,007	0,118	FALSE
-0,127	0,294	-0,005	0,010	0,188	FALSE
-0,063	0,320	-0,004	0,013	0,114	FALSE
0,070	0,314	0,003	0,012	0,099	FALSE
-0,013	0,310	0,000	0,009	0,009	FALSE
0,046	0,306	0,001	0,006	0,063	FALSE
-0,104	0,303	-0,002	0,006	0,139	FALSE
-0,061	0,308	-0,002	0,011	0,069	FALSE
-0,087	0,315	-0,003	0,010	0,122	FALSE
0,164	0,296	0,005	0,009	0,247	FALSE
0,025	0,305	0,001	0,008	0,023	FALSE
-0,024	0,318	-0,002	0,012	0,052	FALSE
-0,029	0,297	-0,001	0,009	0,038	FALSE
-0,089	0,302	-0,003	0,009	0,135	FALSE
-0,040	0,310	-0,001	0,007	0,055	FALSE
0,094	0,314	0,002	0,008	0,114	FALSE
-0,015	0,304	0,000	0,006	0,013	FALSE
0,192	0,291	0,007	0,012	0,256	FALSE
0,198	0,290	0,007	0,012	0,264	FALSE
0,050	0,298	0,001	0,009	0,060	FALSE
0,014	0,314	0,000	0,006	0,025	FALSE
-0,033	0,314	-0,001	0,010	0,043	FALSE
0,211	0,289	0,007	0,009	0,360	FALSE
-0,058	0,304	-0,001	0,011	0,034	FALSE
0,098	0,291	0,003	0,008	0,128	FALSE
-0,086	0,306	-0,002	0,011	0,082	FALSE
0,042	0,314	0,001	0,008	0,035	FALSE
-0,115	0,310	-0,004	0,011	0,136	FALSE
0,033	0,308	0,000	0,010	0,007	FALSE
0,040	0,301	0,000	0,009	0,019	FALSE
0,012	0,302	0,000	0,010	0,018	FALSE
0,055	0,306	0,001	0,010	0,030	FALSE
0,059	0,306	0,001	0,010	0,040	FALSE
0,087	0,306	0,002	0,009	0,077	FALSE
-0,102	0,318	-0,003	0,012	0,096	FALSE
-0,123	0,307	-0,004	0,011	0,125	FALSE
0,042	0,308	0,001	0,010	0,019	FALSE
0,071	0,290	0,003	0,011	0,093	FALSE
0,041	0,296	0,001	0,007	0,070	FALSE
0,009	0,305	0,001	0,007	0,028	FALSE
0,072	0,291	0,002	0,007	0,125	FALSE
0,012	0,316	0,001	0,007	0,042	FALSE
-0,035	0,309	-0,001	0,007	0,056	FALSE
0,100	0,317	0,003	0,008	0,125	FALSE
0,047	0,315	0,002	0,007	0,095	FALSE
0,058	0,305	0,001	0,007	0,031	FALSE

0,088	0,307	0,003	0,007	0,169	FALSE
-0,087	0,297	-0,002	0,008	0,116	FALSE
0,014	0,301	0,000	0,008	0,016	FALSE
-0,005	0,321	0,000	0,011	0,002	FALSE
-0,054	0,310	-0,002	0,007	0,087	FALSE
-0,127	0,301	-0,003	0,006	0,181	FALSE
-0,129	0,296	-0,003	0,007	0,152	FALSE
0,060	0,318	0,002	0,008	0,071	FALSE
0,041	0,308	0,001	0,008	0,046	FALSE
0,071	0,299	0,002	0,007	0,099	FALSE
-0,099	0,303	-0,003	0,008	0,139	FALSE
0,045	0,303	0,001	0,006	0,074	FALSE
0,001	0,296	0,000	0,007	0,020	FALSE
-0,147	0,304	-0,006	0,011	0,235	FALSE
-0,035	0,300	-0,001	0,011	0,026	FALSE
-0,158	0,297	-0,007	0,012	0,259	FALSE
-0,164	0,308	-0,007	0,013	0,245	FALSE
-0,138	0,316	-0,007	0,013	0,227	FALSE
0,068	0,297	0,002	0,006	0,110	FALSE
0,016	0,316	0,000	0,012	0,011	FALSE
0,039	0,301	0,001	0,006	0,045	FALSE
0,043	0,321	0,001	0,007	0,042	FALSE
-0,060	0,305	-0,001	0,007	0,049	FALSE
0,000	0,297	0,000	0,006	0,009	FALSE
-0,104	0,314	-0,004	0,010	0,150	FALSE
-0,035	0,313	-0,001	0,007	0,046	FALSE
-0,086	0,303	-0,003	0,008	0,124	FALSE
-0,103	0,313	-0,003	0,008	0,137	FALSE
0,003	0,307	0,001	0,010	0,022	FALSE
-0,033	0,304	-0,001	0,009	0,051	FALSE
0,024	0,315	0,001	0,012	0,043	FALSE
-0,007	0,311	0,000	0,011	0,000	FALSE
-0,004	0,315	0,000	0,011	0,003	FALSE
-0,015	0,317	0,000	0,011	0,011	FALSE
-0,083	0,322	-0,004	0,013	0,106	FALSE
-0,164	0,301	-0,006	0,010	0,261	FALSE
-0,069	0,299	-0,002	0,012	0,072	FALSE
0,100	0,310	0,004	0,012	0,125	FALSE
-0,038	0,312	-0,001	0,006	0,036	FALSE
-0,060	0,316	-0,002	0,007	0,101	FALSE
-0,028	0,317	0,000	0,007	0,019	FALSE
-0,037	0,320	-0,001	0,007	0,069	FALSE
0,048	0,324	0,001	0,011	0,043	FALSE
-0,009	0,312	-0,001	0,013	0,019	FALSE
0,034	0,306	0,002	0,012	0,048	FALSE
-0,030	0,301	0,000	0,007	0,018	FALSE
-0,020	0,306	0,000	0,007	0,005	FALSE
0,028	0,321	0,001	0,013	0,016	FALSE
0,035	0,306	0,001	0,009	0,028	FALSE
0,059	0,313	0,003	0,012	0,084	FALSE
0,193	0,300	0,005	0,008	0,270	FALSE
-0,074	0,307	-0,002	0,007	0,096	FALSE
-0,096	0,320	-0,002	0,007	0,115	FALSE

-0,097	0,303	-0,002	0,007	0,121	FALSE
-0,103	0,306	-0,002	0,007	0,128	FALSE
-0,082	0,298	-0,002	0,007	0,107	FALSE
-0,162	0,295	-0,004	0,009	0,211	FALSE
-0,154	0,297	-0,006	0,011	0,212	FALSE
-0,008	0,312	0,000	0,007	0,003	FALSE
0,085	0,297	0,002	0,010	0,080	FALSE
-0,046	0,308	-0,001	0,007	0,033	FALSE
0,067	0,297	0,002	0,013	0,064	FALSE
-0,017	0,306	0,000	0,007	0,012	FALSE
0,065	0,290	0,001	0,008	0,041	FALSE
0,029	0,298	0,001	0,006	0,053	FALSE
-0,031	0,306	0,000	0,007	0,022	FALSE
0,158	0,299	0,004	0,009	0,185	FALSE
0,006	0,308	0,000	0,007	0,021	FALSE
0,097	0,310	0,005	0,011	0,170	FALSE
-0,006	0,312	0,000	0,012	0,010	FALSE
-0,010	0,316	0,000	0,011	0,001	FALSE
0,066	0,312	0,002	0,007	0,099	FALSE
-0,069	0,303	-0,002	0,011	0,070	FALSE
-0,075	0,301	-0,002	0,007	0,123	FALSE
-0,027	0,312	-0,001	0,008	0,062	FALSE
-0,038	0,316	-0,001	0,012	0,041	FALSE
0,070	0,296	0,002	0,009	0,067	FALSE
0,016	0,309	0,000	0,012	0,005	FALSE
-0,005	0,311	-0,001	0,011	0,018	FALSE
-0,080	0,311	-0,002	0,007	0,095	FALSE
0,094	0,299	0,003	0,011	0,115	FALSE
-0,011	0,326	0,000	0,007	0,007	FALSE
0,072	0,299	0,003	0,012	0,095	FALSE
-0,013	0,305	-0,001	0,009	0,027	FALSE
0,067	0,303	0,002	0,013	0,065	FALSE
-0,165	0,314	-0,007	0,013	0,252	FALSE
0,122	0,316	0,003	0,009	0,143	FALSE
-0,149	0,302	-0,004	0,008	0,224	FALSE
-0,020	0,303	-0,001	0,008	0,036	FALSE
0,083	0,302	0,003	0,009	0,119	FALSE
0,018	0,299	0,001	0,010	0,024	FALSE
-0,050	0,291	-0,001	0,009	0,049	FALSE
0,136	0,299	0,004	0,009	0,184	FALSE
0,054	0,316	0,001	0,008	0,058	FALSE
0,110	0,299	0,002	0,007	0,112	FALSE
-0,008	0,310	0,000	0,010	0,004	FALSE
-0,067	0,307	-0,003	0,012	0,092	FALSE
-0,102	0,302	-0,004	0,012	0,138	FALSE
0,152	0,314	0,007	0,012	0,223	FALSE
-0,146	0,305	-0,004	0,007	0,202	FALSE
-0,020	0,304	-0,001	0,011	0,020	FALSE
-0,072	0,305	-0,002	0,007	0,084	FALSE
0,128	0,295	0,004	0,009	0,179	FALSE
0,119	0,289	0,004	0,010	0,181	FALSE
0,021	0,299	0,001	0,007	0,051	FALSE
0,106	0,310	0,004	0,011	0,143	FALSE

-0,095	0,297	-0,002	0,007	0,123	FALSE
-0,015	0,298	0,000	0,007	0,022	FALSE
-0,056	0,308	-0,001	0,011	0,043	FALSE
-0,086	0,320	-0,003	0,008	0,128	FALSE
0,019	0,309	0,000	0,008	0,017	FALSE
-0,029	0,307	-0,001	0,007	0,050	FALSE
-0,049	0,301	-0,001	0,006	0,061	FALSE
-0,063	0,310	-0,002	0,007	0,085	FALSE
-0,117	0,303	-0,004	0,010	0,146	FALSE
-0,064	0,311	-0,002	0,007	0,091	FALSE
0,046	0,302	0,002	0,011	0,086	FALSE
-0,041	0,308	-0,002	0,012	0,053	FALSE
0,002	0,299	-0,001	0,012	0,016	FALSE
0,031	0,305	0,000	0,013	0,014	FALSE
-0,051	0,319	-0,002	0,013	0,068	FALSE
0,005	0,317	0,001	0,009	0,028	FALSE
-0,059	0,299	-0,002	0,012	0,068	FALSE
0,056	0,283	0,001	0,012	0,036	FALSE
-0,121	0,306	-0,003	0,008	0,133	FALSE
0,052	0,281	0,001	0,012	0,036	FALSE
0,016	0,321	0,001	0,010	0,033	FALSE
0,104	0,306	0,002	0,007	0,146	FALSE
0,066	0,307	0,002	0,009	0,073	FALSE
0,106	0,310	0,003	0,007	0,170	FALSE
-0,074	0,305	-0,002	0,009	0,089	FALSE
0,034	0,302	0,001	0,011	0,037	FALSE
0,003	0,316	0,001	0,011	0,018	FALSE
-0,017	0,299	-0,001	0,013	0,017	FALSE
-0,027	0,306	-0,001	0,012	0,037	FALSE
-0,097	0,316	-0,004	0,012	0,137	FALSE
-0,072	0,303	-0,003	0,012	0,102	FALSE
-0,181	0,287	-0,007	0,011	0,283	FALSE
-0,021	0,317	-0,001	0,012	0,034	FALSE
-0,023	0,316	-0,002	0,012	0,049	FALSE
0,088	0,307	0,003	0,011	0,120	FALSE
-0,024	0,315	-0,001	0,011	0,048	FALSE
-0,016	0,303	-0,001	0,011	0,031	FALSE
-0,079	0,317	-0,002	0,010	0,083	FALSE
-0,111	0,309	-0,005	0,013	0,155	FALSE
0,043	0,304	0,001	0,007	0,051	FALSE
-0,183	0,300	-0,008	0,012	0,279	FALSE
-0,153	0,310	-0,007	0,012	0,232	FALSE
-0,137	0,302	-0,006	0,012	0,220	FALSE
-0,069	0,311	-0,001	0,007	0,076	FALSE
-0,071	0,318	-0,002	0,009	0,083	FALSE
-0,144	0,318	-0,006	0,012	0,211	FALSE
0,168	0,298	0,007	0,011	0,281	FALSE
0,068	0,288	0,002	0,009	0,106	FALSE
0,102	0,297	0,004	0,010	0,140	FALSE
0,125	0,297	0,005	0,008	0,227	FALSE
0,135	0,294	0,005	0,008	0,248	FALSE
-0,006	0,306	0,000	0,007	0,020	FALSE
-0,038	0,317	-0,001	0,007	0,049	FALSE

0,049	0,310	0,001	0,008	0,042	FALSE
0,046	0,310	0,002	0,012	0,061	FALSE
0,019	0,310	0,001	0,012	0,030	FALSE
-0,061	0,292	-0,002	0,009	0,104	FALSE
-0,066	0,316	-0,003	0,010	0,107	FALSE
0,048	0,312	0,001	0,007	0,043	FALSE
-0,039	0,307	-0,001	0,009	0,037	FALSE
0,030	0,308	0,001	0,011	0,024	FALSE
-0,021	0,328	0,000	0,009	0,012	FALSE
-0,075	0,292	-0,002	0,008	0,104	FALSE
-0,068	0,295	-0,003	0,012	0,102	FALSE
-0,022	0,302	-0,001	0,008	0,066	FALSE
-0,020	0,312	-0,002	0,008	0,067	FALSE
-0,078	0,313	-0,002	0,009	0,112	FALSE
-0,013	0,313	-0,001	0,008	0,047	FALSE
-0,068	0,301	-0,002	0,011	0,088	FALSE
0,091	0,318	0,003	0,008	0,119	FALSE
-0,099	0,306	-0,005	0,011	0,173	FALSE
0,075	0,304	0,003	0,008	0,123	FALSE
0,078	0,296	0,003	0,009	0,125	FALSE
-0,038	0,313	-0,002	0,008	0,082	FALSE
-0,055	0,321	-0,002	0,008	0,091	FALSE
0,172	0,294	0,007	0,010	0,279	FALSE
0,088	0,302	0,003	0,009	0,122	FALSE
0,087	0,303	0,003	0,009	0,137	FALSE
0,103	0,301	0,003	0,008	0,140	FALSE
0,105	0,309	0,003	0,009	0,153	FALSE
0,043	0,300	0,001	0,006	0,065	FALSE
0,020	0,308	0,001	0,007	0,037	FALSE
-0,041	0,296	-0,002	0,012	0,052	FALSE
0,078	0,313	0,003	0,013	0,079	FALSE
-0,053	0,286	-0,002	0,012	0,057	FALSE
-0,015	0,315	-0,001	0,010	0,020	FALSE
-0,061	0,300	-0,002	0,009	0,081	FALSE
-0,205	0,278	-0,008	0,012	0,305	FALSE
-0,020	0,319	0,000	0,006	0,013	FALSE
0,004	0,317	0,000	0,011	0,009	FALSE
0,036	0,298	0,000	0,006	0,029	FALSE
-0,052	0,296	-0,002	0,011	0,077	FALSE
-0,043	0,313	-0,002	0,010	0,057	FALSE
-0,143	0,304	-0,003	0,007	0,185	FALSE
-0,066	0,315	-0,002	0,007	0,085	FALSE
-0,153	0,310	-0,003	0,007	0,172	FALSE
-0,081	0,306	-0,002	0,009	0,104	FALSE
-0,128	0,309	-0,004	0,009	0,173	FALSE
-0,133	0,312	-0,003	0,006	0,182	FALSE
-0,078	0,310	-0,002	0,007	0,099	FALSE
-0,126	0,305	-0,004	0,009	0,165	FALSE
-0,022	0,313	-0,001	0,012	0,037	FALSE
-0,058	0,310	-0,002	0,012	0,074	FALSE
-0,108	0,312	-0,003	0,008	0,147	FALSE
-0,098	0,300	-0,004	0,011	0,147	FALSE
0,130	0,306	0,004	0,010	0,182	FALSE

0,150	0,308	0,005	0,010	0,217	FALSE
0,004	0,307	0,000	0,007	0,026	FALSE
0,053	0,305	0,001	0,007	0,074	FALSE
0,082	0,309	0,004	0,012	0,121	FALSE
-0,113	0,289	-0,003	0,007	0,150	FALSE
0,095	0,303	0,003	0,010	0,110	FALSE
0,014	0,305	0,001	0,011	0,040	FALSE
-0,088	0,307	-0,003	0,010	0,126	FALSE
-0,025	0,314	0,000	0,008	0,023	FALSE
-0,158	0,302	-0,006	0,012	0,217	FALSE
-0,077	0,289	-0,002	0,008	0,118	FALSE
0,118	0,302	0,004	0,010	0,173	FALSE
0,128	0,316	0,004	0,008	0,187	FALSE
0,124	0,309	0,005	0,010	0,183	FALSE
-0,019	0,303	-0,001	0,008	0,041	FALSE
-0,003	0,313	0,000	0,013	0,005	FALSE
-0,008	0,308	0,000	0,012	0,002	FALSE
-0,002	0,319	0,000	0,013	0,000	FALSE
-0,004	0,315	0,000	0,012	0,004	FALSE
0,004	0,323	0,000	0,013	0,004	FALSE
-0,025	0,322	-0,001	0,013	0,029	FALSE
0,006	0,313	0,000	0,013	0,001	FALSE
-0,017	0,313	-0,001	0,012	0,026	FALSE
-0,047	0,321	-0,002	0,012	0,050	FALSE
-0,002	0,308	0,000	0,012	0,000	FALSE
-0,005	0,321	0,000	0,012	0,002	FALSE
-0,081	0,301	-0,003	0,010	0,106	FALSE
0,040	0,303	0,001	0,010	0,053	FALSE
0,009	0,298	0,002	0,009	0,065	FALSE
0,132	0,314	0,005	0,013	0,143	FALSE
-0,014	0,305	0,001	0,011	0,017	FALSE
0,027	0,305	0,002	0,010	0,089	FALSE
0,189	0,306	0,007	0,013	0,251	FALSE
0,059	0,320	0,001	0,011	0,050	FALSE
-0,050	0,307	-0,001	0,010	0,026	FALSE
0,023	0,313	0,000	0,012	0,008	FALSE
0,019	0,307	-0,001	0,011	0,021	FALSE
-0,003	0,303	0,001	0,012	0,023	FALSE
-0,002	0,307	0,001	0,012	0,020	FALSE
0,016	0,300	0,000	0,010	0,015	FALSE
0,012	0,296	0,001	0,013	0,033	FALSE
0,003	0,311	0,001	0,013	0,025	FALSE
-0,001	0,304	0,001	0,013	0,022	FALSE
0,063	0,306	0,002	0,012	0,070	FALSE
-0,040	0,308	-0,001	0,008	0,035	FALSE
0,043	0,310	0,002	0,008	0,081	FALSE
0,020	0,313	0,001	0,008	0,041	FALSE
-0,078	0,299	-0,002	0,010	0,070	FALSE
0,103	0,294	0,005	0,011	0,176	FALSE
0,084	0,297	0,002	0,007	0,123	FALSE
0,103	0,313	0,004	0,012	0,129	FALSE
0,073	0,310	0,002	0,011	0,084	FALSE
0,069	0,299	0,002	0,008	0,114	FALSE

0,065	0,282	0,002	0,008	0,111	FALSE
0,041	0,316	0,002	0,012	0,055	FALSE
0,056	0,308	0,002	0,012	0,072	FALSE
0,126	0,293	0,003	0,006	0,194	FALSE
0,006	0,304	0,000	0,007	0,022	FALSE
0,004	0,313	0,000	0,009	0,001	FALSE
-0,126	0,305	-0,004	0,009	0,160	FALSE
0,167	0,307	0,006	0,011	0,235	FALSE
-0,020	0,302	-0,001	0,011	0,044	FALSE
-0,012	0,305	0,000	0,010	0,017	FALSE
0,007	0,316	0,000	0,011	0,009	FALSE
-0,009	0,308	0,000	0,011	0,009	FALSE
-0,007	0,302	-0,001	0,011	0,026	FALSE
-0,028	0,307	-0,002	0,011	0,055	FALSE
0,046	0,312	0,002	0,012	0,056	FALSE
0,013	0,312	0,001	0,012	0,026	FALSE
-0,033	0,319	-0,001	0,011	0,029	FALSE
-0,020	0,304	-0,001	0,011	0,034	FALSE
0,086	0,303	0,001	0,007	0,086	FALSE
0,044	0,314	0,001	0,007	0,069	FALSE
-0,023	0,305	-0,001	0,007	0,034	FALSE
-0,042	0,319	-0,001	0,007	0,054	FALSE
0,075	0,306	0,003	0,013	0,087	FALSE
-0,046	0,309	-0,002	0,013	0,055	FALSE
0,000	0,302	-0,001	0,010	0,027	FALSE
0,012	0,301	0,001	0,012	0,015	FALSE
0,041	0,305	0,001	0,007	0,062	FALSE
0,126	0,294	0,006	0,012	0,197	FALSE
0,048	0,300	0,002	0,009	0,081	FALSE
0,042	0,313	0,001	0,008	0,027	FALSE
0,124	0,296	0,003	0,008	0,147	FALSE
0,161	0,315	0,004	0,009	0,200	FALSE
0,029	0,322	0,001	0,010	0,036	FALSE
0,064	0,314	0,002	0,009	0,079	FALSE
-0,054	0,310	-0,002	0,008	0,075	FALSE
0,077	0,314	0,002	0,009	0,085	FALSE
-0,028	0,316	-0,001	0,008	0,052	FALSE
0,120	0,322	0,005	0,013	0,144	FALSE
-0,072	0,303	-0,003	0,011	0,111	FALSE
-0,001	0,312	0,000	0,011	0,010	FALSE
0,109	0,315	0,005	0,012	0,153	FALSE
0,112	0,293	0,005	0,011	0,180	FALSE
0,098	0,313	0,004	0,012	0,131	FALSE
0,175	0,307	0,007	0,011	0,263	FALSE
-0,008	0,310	-0,001	0,012	0,017	FALSE
0,137	0,290	0,006	0,012	0,200	FALSE
0,015	0,309	0,000	0,010	0,013	FALSE
-0,051	0,319	-0,001	0,012	0,028	FALSE
0,005	0,304	0,001	0,010	0,038	FALSE
0,032	0,292	0,001	0,007	0,031	FALSE
0,009	0,291	0,001	0,007	0,068	FALSE
0,079	0,309	0,003	0,011	0,110	FALSE
0,050	0,305	0,002	0,008	0,086	FALSE

-0,013	0,304	-0,001	0,012	0,017	FALSE
-0,083	0,310	-0,002	0,009	0,090	FALSE
-0,014	0,317	-0,001	0,007	0,038	FALSE
-0,040	0,318	-0,001	0,010	0,041	FALSE
-0,080	0,300	-0,004	0,011	0,134	FALSE
-0,070	0,300	-0,002	0,007	0,107	FALSE
0,037	0,304	0,000	0,006	0,020	FALSE
-0,043	0,301	-0,002	0,011	0,080	FALSE
-0,002	0,314	0,000	0,009	0,001	FALSE
0,042	0,297	0,001	0,008	0,066	FALSE
-0,108	0,311	-0,003	0,007	0,172	FALSE
0,012	0,295	0,001	0,007	0,050	FALSE
-0,179	0,282	-0,005	0,007	0,297	FALSE
-0,185	0,310	-0,008	0,013	0,286	FALSE
0,164	0,310	0,006	0,011	0,245	FALSE
-0,055	0,293	0,000	0,006	0,021	FALSE
-0,045	0,313	0,000	0,007	0,015	FALSE
-0,024	0,310	-0,001	0,009	0,025	FALSE
0,068	0,305	0,002	0,010	0,079	FALSE
-0,013	0,318	0,000	0,008	0,008	FALSE
0,087	0,310	0,004	0,012	0,124	FALSE
0,015	0,304	0,000	0,009	0,010	FALSE
-0,043	0,311	-0,001	0,007	0,056	FALSE
0,183	0,282	0,008	0,012	0,304	FALSE
0,073	0,297	0,002	0,012	0,073	FALSE
-0,146	0,305	-0,004	0,009	0,202	FALSE
-0,059	0,325	-0,001	0,008	0,044	FALSE
-0,054	0,310	-0,002	0,008	0,084	FALSE
0,033	0,318	0,000	0,008	0,013	FALSE
-0,127	0,322	-0,003	0,008	0,138	FALSE
-0,208	0,290	-0,006	0,009	0,314	FALSE
0,022	0,315	0,001	0,008	0,041	FALSE
-0,116	0,312	-0,003	0,008	0,139	FALSE
-0,074	0,307	-0,002	0,007	0,083	FALSE
-0,081	0,309	-0,002	0,008	0,110	FALSE
0,020	0,308	0,001	0,007	0,029	FALSE
-0,080	0,311	-0,003	0,012	0,114	FALSE
-0,094	0,299	-0,002	0,006	0,103	FALSE
0,009	0,315	-0,001	0,007	0,028	FALSE
0,010	0,322	0,000	0,009	0,013	FALSE
0,015	0,314	0,001	0,012	0,033	FALSE
0,029	0,314	0,001	0,012	0,047	FALSE
0,036	0,317	0,001	0,011	0,042	FALSE
0,008	0,295	-0,001	0,012	0,017	FALSE
-0,052	0,303	-0,001	0,007	0,073	FALSE
0,000	0,304	0,000	0,008	0,009	FALSE
-0,074	0,314	-0,002	0,011	0,082	FALSE
0,049	0,312	0,002	0,009	0,083	FALSE
0,025	0,308	0,000	0,013	0,005	FALSE
-0,030	0,305	-0,001	0,011	0,036	FALSE
-0,020	0,309	-0,001	0,010	0,024	FALSE
0,076	0,306	0,003	0,010	0,116	FALSE
-0,137	0,322	-0,006	0,013	0,173	FALSE

0,008	0,307	0,000	0,012	0,007	FALSE
0,054	0,305	0,002	0,012	0,069	FALSE
-0,035	0,307	-0,001	0,008	0,064	FALSE
0,096	0,313	0,002	0,007	0,132	FALSE
0,097	0,300	0,004	0,012	0,130	FALSE
-0,001	0,304	0,000	0,010	0,014	FALSE
0,131	0,305	0,005	0,010	0,205	FALSE
-0,111	0,309	-0,003	0,008	0,186	FALSE
-0,075	0,316	-0,003	0,009	0,118	FALSE
-0,027	0,302	0,000	0,006	0,018	FALSE
0,144	0,288	0,005	0,009	0,218	FALSE
-0,182	0,292	-0,007	0,012	0,274	FALSE
0,050	0,306	0,002	0,009	0,082	FALSE
-0,029	0,306	0,000	0,006	0,025	FALSE
-0,108	0,301	-0,005	0,011	0,170	FALSE
-0,075	0,315	-0,002	0,008	0,104	FALSE
-0,053	0,303	-0,001	0,006	0,059	FALSE
0,113	0,310	0,002	0,007	0,137	FALSE
-0,010	0,309	-0,001	0,010	0,030	FALSE
0,069	0,299	0,001	0,007	0,082	FALSE
0,060	0,313	0,001	0,009	0,049	FALSE
0,209	0,297	0,008	0,012	0,305	FALSE
-0,180	0,310	-0,006	0,011	0,240	FALSE
-0,058	0,303	-0,001	0,009	0,034	FALSE
0,040	0,309	0,001	0,008	0,071	FALSE
0,132	0,294	0,002	0,007	0,134	FALSE
-0,037	0,298	-0,002	0,011	0,079	FALSE
-0,012	0,303	0,000	0,010	0,000	FALSE
0,070	0,293	0,003	0,008	0,126	FALSE
-0,005	0,297	-0,001	0,012	0,028	FALSE
-0,037	0,314	-0,001	0,013	0,017	FALSE
-0,048	0,308	-0,002	0,010	0,088	FALSE
-0,020	0,293	0,000	0,012	0,008	FALSE
-0,038	0,281	-0,002	0,011	0,048	FALSE
-0,187	0,313	-0,007	0,012	0,261	FALSE
-0,077	0,311	-0,003	0,009	0,117	FALSE
-0,225	0,299	-0,007	0,010	0,306	FALSE
0,086	0,296	0,002	0,011	0,079	FALSE
0,103	0,302	0,003	0,011	0,106	FALSE
0,143	0,302	0,005	0,012	0,183	FALSE
-0,059	0,307	-0,002	0,008	0,077	FALSE
-0,058	0,305	-0,002	0,008	0,084	FALSE
-0,059	0,302	-0,003	0,010	0,104	FALSE
0,047	0,304	0,001	0,007	0,058	FALSE
-0,060	0,306	-0,002	0,011	0,082	FALSE
-0,057	0,310	-0,001	0,006	0,075	FALSE
-0,011	0,307	0,000	0,007	0,019	FALSE
0,022	0,311	0,000	0,010	0,016	FALSE
-0,021	0,288	-0,001	0,009	0,031	FALSE
0,033	0,319	0,001	0,013	0,035	FALSE
-0,024	0,327	-0,001	0,009	0,051	FALSE
0,016	0,303	0,001	0,007	0,048	FALSE
-0,021	0,305	-0,001	0,012	0,016	FALSE

0,004	0,291	0,001	0,008	0,027	FALSE
-0,080	0,297	-0,002	0,008	0,102	FALSE
-0,053	0,301	-0,001	0,008	0,067	FALSE
0,009	0,295	0,001	0,007	0,036	FALSE
0,027	0,289	0,000	0,009	0,007	FALSE
0,056	0,293	0,001	0,009	0,046	FALSE
0,065	0,294	0,002	0,007	0,120	FALSE
0,185	0,289	0,005	0,008	0,290	FALSE
-0,046	0,309	-0,001	0,006	0,037	FALSE
0,118	0,305	0,003	0,008	0,161	FALSE
-0,007	0,310	0,000	0,012	0,004	FALSE
-0,075	0,314	-0,003	0,009	0,130	FALSE
0,001	0,308	0,000	0,011	0,008	FALSE
0,030	0,312	0,000	0,010	0,016	FALSE
0,131	0,293	0,003	0,008	0,153	FALSE
0,087	0,300	0,002	0,007	0,138	FALSE
-0,112	0,308	-0,003	0,007	0,173	FALSE
0,109	0,311	0,003	0,007	0,164	FALSE
0,009	0,307	0,001	0,009	0,023	FALSE
0,037	0,294	0,001	0,007	0,055	FALSE
-0,014	0,323	-0,001	0,008	0,025	FALSE
-0,040	0,309	-0,001	0,007	0,072	FALSE
0,146	0,323	0,004	0,009	0,183	FALSE
0,013	0,308	0,001	0,009	0,029	FALSE
0,005	0,307	0,001	0,008	0,036	FALSE
0,004	0,314	-0,001	0,012	0,026	FALSE
0,000	0,297	0,000	0,009	0,013	FALSE
0,048	0,315	0,001	0,008	0,061	FALSE
-0,057	0,310	-0,001	0,012	0,043	FALSE
0,063	0,309	0,002	0,008	0,091	FALSE
0,044	0,324	0,001	0,011	0,045	FALSE
-0,008	0,307	0,000	0,011	0,010	FALSE
0,064	0,310	0,001	0,007	0,066	FALSE
0,058	0,310	0,001	0,006	0,056	FALSE
-0,009	0,316	-0,001	0,012	0,026	FALSE
0,054	0,325	0,001	0,006	0,053	FALSE
-0,006	0,305	-0,001	0,008	0,025	FALSE
0,041	0,301	0,000	0,008	0,016	FALSE
0,070	0,315	0,003	0,009	0,113	FALSE
0,106	0,304	0,002	0,007	0,125	FALSE
-0,172	0,306	-0,004	0,007	0,258	FALSE
0,096	0,292	0,003	0,008	0,131	FALSE
-0,187	0,309	-0,005	0,008	0,271	FALSE
-0,133	0,293	-0,006	0,012	0,194	FALSE
-0,004	0,316	0,000	0,010	0,015	FALSE
-0,153	0,304	-0,006	0,012	0,222	FALSE
-0,058	0,302	-0,002	0,008	0,097	FALSE
-0,124	0,310	-0,003	0,008	0,175	FALSE
-0,009	0,316	0,000	0,012	0,012	FALSE
-0,070	0,309	-0,003	0,012	0,094	FALSE
0,036	0,292	0,000	0,007	0,003	FALSE
0,074	0,299	0,003	0,010	0,109	FALSE
-0,104	0,293	-0,003	0,011	0,107	FALSE

-0,146	0,288	-0,003	0,006	0,218	FALSE
0,069	0,310	0,001	0,009	0,045	FALSE
0,079	0,316	0,003	0,008	0,126	FALSE
0,014	0,308	0,001	0,012	0,027	FALSE
-0,173	0,292	-0,006	0,011	0,245	FALSE
-0,065	0,314	-0,002	0,011	0,074	FALSE
-0,055	0,304	-0,001	0,008	0,044	FALSE
0,002	0,311	0,000	0,008	0,014	FALSE
0,106	0,305	0,004	0,012	0,145	FALSE
0,090	0,294	0,004	0,009	0,159	FALSE
-0,103	0,323	-0,004	0,011	0,137	FALSE
0,097	0,287	0,002	0,008	0,114	FALSE
-0,175	0,288	-0,008	0,011	0,309	FALSE
0,070	0,305	0,002	0,007	0,080	FALSE
-0,045	0,303	-0,002	0,008	0,072	FALSE
0,093	0,297	0,003	0,011	0,084	FALSE
0,082	0,303	0,001	0,007	0,062	FALSE
0,097	0,300	0,002	0,008	0,087	FALSE
0,084	0,299	0,002	0,007	0,085	FALSE
-0,227	0,299	-0,008	0,010	0,364	FALSE
-0,072	0,306	-0,002	0,006	0,097	FALSE
-0,043	0,310	-0,001	0,007	0,055	FALSE
-0,026	0,307	0,000	0,008	0,018	FALSE
0,008	0,290	-0,001	0,010	0,020	FALSE
0,025	0,313	0,001	0,010	0,037	FALSE
-0,090	0,301	-0,002	0,007	0,129	FALSE
-0,046	0,301	-0,001	0,008	0,071	FALSE
-0,084	0,317	-0,002	0,007	0,115	FALSE
-0,102	0,308	-0,003	0,007	0,150	FALSE
-0,051	0,309	-0,001	0,008	0,056	FALSE
-0,147	0,308	-0,003	0,006	0,177	FALSE
0,062	0,307	0,002	0,009	0,095	FALSE
0,044	0,306	0,001	0,007	0,047	FALSE
-0,103	0,308	-0,003	0,007	0,158	FALSE
-0,031	0,307	0,000	0,007	0,023	FALSE
0,003	0,304	0,000	0,007	0,001	FALSE
0,035	0,311	0,001	0,007	0,034	FALSE
-0,013	0,306	-0,001	0,009	0,025	FALSE
-0,010	0,313	0,000	0,007	0,002	FALSE
0,031	0,318	0,001	0,012	0,044	FALSE
0,017	0,302	0,000	0,006	0,011	FALSE
-0,015	0,293	-0,001	0,008	0,037	FALSE
0,056	0,330	0,002	0,012	0,055	FALSE
0,010	0,304	0,000	0,013	0,013	FALSE
-0,081	0,310	-0,004	0,012	0,128	FALSE
-0,069	0,308	-0,004	0,012	0,113	FALSE
0,094	0,303	0,002	0,007	0,119	FALSE
-0,030	0,322	-0,001	0,010	0,025	FALSE
-0,094	0,303	-0,002	0,007	0,137	FALSE
-0,144	0,296	-0,004	0,008	0,214	FALSE
-0,055	0,294	-0,001	0,007	0,031	FALSE
-0,009	0,307	-0,001	0,008	0,022	FALSE
-0,226	0,301	-0,006	0,008	0,325	FALSE

0,180	0,307	0,006	0,011	0,253	FALSE
0,153	0,310	0,003	0,007	0,203	FALSE
0,096	0,291	0,004	0,010	0,141	FALSE
0,163	0,291	0,004	0,007	0,260	FALSE
0,204	0,292	0,005	0,007	0,314	FALSE
0,084	0,297	0,002	0,007	0,136	FALSE
-0,016	0,316	-0,001	0,009	0,041	FALSE
-0,092	0,307	-0,003	0,009	0,124	FALSE
-0,019	0,308	0,000	0,011	0,011	FALSE
-0,156	0,297	-0,005	0,009	0,214	FALSE
-0,171	0,299	-0,004	0,009	0,206	FALSE
-0,010	0,307	-0,001	0,008	0,037	FALSE
-0,154	0,298	-0,004	0,009	0,185	FALSE
-0,033	0,305	-0,001	0,009	0,050	FALSE
0,056	0,310	0,002	0,011	0,085	FALSE
0,131	0,303	0,004	0,008	0,179	FALSE
0,012	0,313	0,000	0,008	0,001	FALSE
0,103	0,308	0,002	0,008	0,119	FALSE
0,117	0,295	0,003	0,008	0,158	FALSE
-0,036	0,300	-0,001	0,008	0,035	FALSE
-0,073	0,313	-0,002	0,012	0,067	FALSE
-0,008	0,317	0,000	0,013	0,007	FALSE
0,072	0,310	0,002	0,012	0,065	FALSE
0,083	0,310	0,003	0,012	0,081	FALSE
0,054	0,308	0,002	0,012	0,071	FALSE
0,015	0,303	0,001	0,013	0,017	FALSE
-0,038	0,311	-0,001	0,007	0,043	FALSE
-0,053	0,303	-0,001	0,010	0,055	FALSE
-0,009	0,298	-0,001	0,012	0,016	FALSE
0,010	0,325	0,001	0,013	0,014	FALSE
0,004	0,312	0,000	0,013	0,009	FALSE
-0,009	0,310	0,000	0,012	0,009	FALSE
-0,048	0,296	-0,001	0,009	0,048	FALSE
-0,031	0,308	0,000	0,007	0,009	FALSE
-0,093	0,305	-0,003	0,008	0,168	FALSE
-0,131	0,300	-0,005	0,011	0,184	FALSE
0,010	0,314	0,000	0,013	0,000	FALSE
-0,114	0,306	-0,004	0,010	0,153	FALSE
-0,002	0,313	0,000	0,012	0,012	FALSE
0,027	0,311	0,001	0,010	0,041	FALSE
-0,040	0,294	-0,001	0,009	0,039	FALSE
0,002	0,297	0,000	0,011	0,013	FALSE
0,021	0,307	0,000	0,009	0,013	FALSE
-0,217	0,307	-0,004	0,007	0,281	FALSE
-0,079	0,320	-0,001	0,007	0,063	FALSE
-0,134	0,275	-0,005	0,012	0,165	FALSE
-0,034	0,312	-0,001	0,007	0,039	FALSE
0,037	0,304	0,001	0,009	0,026	FALSE
0,054	0,297	0,003	0,009	0,116	FALSE
0,075	0,303	0,003	0,010	0,103	FALSE
-0,113	0,307	-0,003	0,008	0,156	FALSE
0,106	0,322	0,005	0,013	0,172	FALSE
0,009	0,312	0,000	0,011	0,007	FALSE

0,107	0,305	0,003	0,007	0,148	FALSE
0,123	0,305	0,002	0,006	0,146	FALSE
0,000	0,311	0,000	0,009	0,003	FALSE
-0,057	0,308	-0,002	0,013	0,074	FALSE
-0,045	0,314	-0,001	0,012	0,040	FALSE
0,009	0,313	0,000	0,009	0,015	FALSE
-0,013	0,305	0,000	0,009	0,014	FALSE
0,041	0,307	0,002	0,013	0,045	FALSE
0,054	0,300	0,002	0,012	0,049	FALSE
-0,035	0,307	-0,001	0,013	0,033	FALSE
-0,001	0,313	0,000	0,012	0,012	FALSE
-0,018	0,309	0,000	0,012	0,013	FALSE
0,030	0,313	0,001	0,011	0,050	FALSE
0,013	0,307	0,000	0,008	0,012	FALSE
0,009	0,299	0,001	0,008	0,025	FALSE
0,023	0,286	0,001	0,011	0,022	FALSE
-0,057	0,317	-0,002	0,009	0,090	FALSE
0,043	0,316	0,002	0,013	0,055	FALSE
0,062	0,315	0,002	0,012	0,056	FALSE
0,070	0,305	0,002	0,012	0,061	FALSE
0,135	0,310	0,003	0,006	0,184	FALSE
0,054	0,323	0,001	0,008	0,066	FALSE
0,048	0,311	0,001	0,010	0,038	FALSE
0,046	0,309	0,001	0,008	0,044	FALSE
0,015	0,319	0,000	0,013	0,013	FALSE
0,108	0,311	0,004	0,012	0,131	FALSE
0,025	0,305	0,001	0,006	0,042	FALSE
0,008	0,324	0,000	0,011	0,010	FALSE
0,011	0,313	0,000	0,010	0,011	FALSE
-0,030	0,301	-0,001	0,007	0,024	FALSE
-0,051	0,299	-0,001	0,007	0,043	FALSE
-0,065	0,305	-0,003	0,013	0,098	FALSE
-0,120	0,313	-0,005	0,011	0,200	FALSE
-0,084	0,305	-0,004	0,012	0,141	FALSE
0,087	0,306	0,003	0,012	0,097	FALSE
-0,038	0,315	-0,001	0,007	0,040	FALSE
0,058	0,311	0,001	0,008	0,051	FALSE
-0,011	0,318	-0,001	0,006	0,030	FALSE
-0,119	0,305	-0,003	0,010	0,133	FALSE
0,066	0,321	0,002	0,012	0,077	FALSE
0,000	0,317	0,001	0,008	0,025	FALSE
-0,042	0,306	-0,001	0,012	0,033	FALSE
0,027	0,305	0,001	0,009	0,036	FALSE
-0,108	0,317	-0,004	0,012	0,123	FALSE
0,099	0,299	0,004	0,011	0,150	FALSE
-0,016	0,323	0,000	0,007	0,015	FALSE
0,007	0,294	0,000	0,011	0,002	FALSE
-0,106	0,304	-0,004	0,013	0,104	FALSE
-0,012	0,317	-0,001	0,010	0,031	FALSE
-0,072	0,297	-0,001	0,007	0,073	FALSE
-0,015	0,309	-0,001	0,007	0,041	FALSE
-0,042	0,299	0,000	0,008	0,004	FALSE
-0,061	0,302	-0,001	0,008	0,028	FALSE

0,099	0,321	0,003	0,011	0,098	FALSE
0,213	0,293	0,008	0,012	0,311	FALSE
0,091	0,297	0,002	0,008	0,120	FALSE
-0,092	0,312	-0,002	0,007	0,120	FALSE
-0,064	0,317	-0,002	0,007	0,083	FALSE
-0,099	0,313	-0,002	0,007	0,114	FALSE
-0,027	0,313	-0,002	0,012	0,061	FALSE
-0,050	0,312	-0,002	0,007	0,086	FALSE
0,049	0,300	0,001	0,006	0,062	FALSE
0,077	0,304	0,002	0,008	0,112	FALSE
0,018	0,295	0,001	0,010	0,034	FALSE
-0,096	0,313	-0,003	0,009	0,117	FALSE
0,001	0,315	0,000	0,008	0,020	FALSE
0,030	0,309	0,001	0,010	0,051	FALSE
0,099	0,310	0,003	0,010	0,140	FALSE
-0,034	0,312	-0,001	0,007	0,045	FALSE
-0,086	0,300	-0,004	0,011	0,158	FALSE
-0,111	0,309	-0,003	0,007	0,158	FALSE
-0,032	0,304	-0,003	0,009	0,104	FALSE
-0,065	0,310	-0,002	0,010	0,072	FALSE
-0,021	0,318	-0,001	0,011	0,044	FALSE
-0,044	0,312	-0,002	0,011	0,070	FALSE
0,119	0,308	0,005	0,011	0,175	FALSE
0,063	0,306	0,002	0,009	0,088	FALSE
0,072	0,310	0,003	0,012	0,092	FALSE
0,069	0,320	0,002	0,011	0,083	FALSE
0,136	0,310	0,003	0,007	0,151	FALSE
0,024	0,308	0,000	0,008	0,011	FALSE
-0,032	0,313	0,000	0,010	0,016	FALSE
0,001	0,303	0,000	0,011	0,016	FALSE
-0,041	0,294	-0,002	0,011	0,057	FALSE
-0,081	0,299	-0,004	0,013	0,111	FALSE
-0,035	0,297	-0,001	0,011	0,037	FALSE
0,052	0,293	0,002	0,012	0,064	FALSE
-0,155	0,295	-0,004	0,007	0,235	FALSE
-0,146	0,301	-0,003	0,007	0,198	FALSE
-0,064	0,305	-0,001	0,007	0,052	FALSE
0,008	0,313	0,000	0,010	0,008	FALSE
-0,030	0,306	0,000	0,012	0,002	FALSE
0,041	0,309	0,001	0,012	0,016	FALSE
-0,034	0,292	-0,002	0,011	0,087	FALSE
0,064	0,310	0,002	0,009	0,073	FALSE
-0,017	0,308	-0,001	0,010	0,026	FALSE
0,072	0,297	0,002	0,011	0,088	FALSE
-0,027	0,308	-0,001	0,013	0,032	FALSE
0,102	0,299	0,004	0,012	0,129	FALSE
0,095	0,303	0,003	0,008	0,123	FALSE
-0,041	0,293	-0,002	0,012	0,053	FALSE
-0,056	0,300	-0,003	0,012	0,081	FALSE
-0,054	0,302	-0,001	0,006	0,043	FALSE
0,005	0,294	0,000	0,007	0,010	FALSE
0,096	0,293	0,004	0,009	0,189	FALSE
0,117	0,303	0,005	0,010	0,218	FALSE

0,134	0,299	0,004	0,007	0,226	FALSE
-0,055	0,297	-0,002	0,010	0,068	FALSE
0,071	0,305	0,002	0,007	0,092	FALSE
0,013	0,314	0,000	0,007	0,001	FALSE
0,012	0,303	0,000	0,006	0,015	FALSE
-0,019	0,312	-0,002	0,010	0,058	FALSE
0,000	0,317	-0,001	0,010	0,022	FALSE
-0,137	0,305	-0,004	0,010	0,192	FALSE
0,035	0,299	0,001	0,011	0,048	FALSE
0,040	0,315	0,002	0,011	0,056	FALSE
-0,111	0,313	-0,005	0,013	0,156	FALSE
-0,037	0,315	-0,001	0,009	0,048	FALSE
-0,148	0,313	-0,007	0,013	0,214	FALSE
-0,204	0,293	-0,009	0,012	0,355	FALSE
-0,200	0,299	-0,009	0,013	0,336	FALSE
0,119	0,305	0,005	0,012	0,184	FALSE
0,089	0,313	0,003	0,010	0,137	FALSE
0,067	0,313	0,003	0,010	0,103	FALSE
0,027	0,312	0,001	0,012	0,026	FALSE
0,048	0,307	0,001	0,010	0,046	FALSE
0,040	0,301	0,002	0,011	0,057	FALSE
-0,044	0,306	-0,001	0,011	0,049	FALSE
-0,054	0,314	-0,002	0,011	0,061	FALSE
0,001	0,313	0,000	0,008	0,004	FALSE
0,073	0,296	0,002	0,007	0,111	FALSE
0,007	0,318	0,000	0,009	0,003	FALSE
-0,031	0,309	-0,001	0,007	0,042	FALSE
0,034	0,322	0,002	0,011	0,062	FALSE
0,106	0,307	0,003	0,007	0,147	FALSE
0,134	0,307	0,005	0,012	0,190	FALSE
-0,031	0,309	-0,001	0,009	0,024	FALSE
0,081	0,306	0,002	0,007	0,108	FALSE
-0,001	0,295	0,001	0,007	0,029	FALSE
0,020	0,306	0,001	0,012	0,026	FALSE
0,127	0,316	0,005	0,013	0,142	FALSE
0,078	0,312	0,002	0,010	0,097	FALSE
0,034	0,311	0,000	0,010	0,002	FALSE
0,045	0,303	0,003	0,013	0,086	FALSE
0,011	0,294	0,000	0,006	0,003	FALSE
0,002	0,288	0,000	0,010	0,014	FALSE
-0,089	0,306	-0,002	0,007	0,114	FALSE
-0,040	0,312	-0,001	0,008	0,051	FALSE
0,086	0,299	0,002	0,009	0,107	FALSE
-0,124	0,293	-0,003	0,007	0,163	FALSE
-0,040	0,293	-0,001	0,009	0,037	FALSE
-0,020	0,294	0,000	0,010	0,005	FALSE
-0,009	0,299	0,000	0,007	0,001	FALSE
0,110	0,298	0,002	0,008	0,111	FALSE
0,055	0,306	0,003	0,011	0,096	FALSE
-0,092	0,306	-0,002	0,009	0,107	FALSE
-0,040	0,297	-0,001	0,007	0,058	FALSE
-0,096	0,305	-0,003	0,008	0,152	FALSE
0,085	0,313	0,002	0,008	0,096	FALSE

0,044	0,323	0,001	0,012	0,045	FALSE
-0,057	0,303	-0,001	0,006	0,055	FALSE
0,113	0,293	0,003	0,010	0,132	FALSE
0,155	0,320	0,006	0,013	0,200	FALSE
-0,064	0,311	-0,002	0,012	0,076	FALSE
-0,011	0,299	0,000	0,006	0,025	FALSE
-0,028	0,314	0,000	0,010	0,017	FALSE
-0,043	0,312	-0,001	0,009	0,038	FALSE
0,023	0,309	0,001	0,008	0,035	FALSE
-0,010	0,322	0,000	0,008	0,010	FALSE
-0,069	0,309	-0,003	0,012	0,101	FALSE
0,016	0,316	0,001	0,013	0,026	FALSE
-0,072	0,309	-0,003	0,012	0,101	FALSE
0,086	0,311	0,003	0,008	0,123	FALSE
-0,038	0,302	-0,001	0,008	0,063	FALSE
-0,161	0,303	-0,006	0,013	0,208	FALSE
-0,124	0,307	-0,005	0,012	0,147	FALSE
0,030	0,315	0,001	0,008	0,036	FALSE
-0,041	0,311	-0,001	0,007	0,053	FALSE
-0,082	0,296	-0,004	0,013	0,138	FALSE
0,048	0,303	0,001	0,006	0,072	FALSE
-0,149	0,320	-0,004	0,009	0,172	FALSE
-0,141	0,307	-0,003	0,007	0,213	FALSE
0,050	0,311	0,001	0,009	0,041	FALSE
-0,039	0,315	-0,001	0,008	0,029	FALSE
0,110	0,306	0,002	0,007	0,121	FALSE
0,111	0,309	0,003	0,012	0,107	FALSE
0,042	0,317	0,001	0,007	0,051	FALSE
0,117	0,301	0,005	0,011	0,161	FALSE
0,107	0,305	0,003	0,010	0,118	FALSE
-0,076	0,298	-0,001	0,007	0,056	FALSE
-0,106	0,303	-0,002	0,007	0,108	FALSE
-0,012	0,311	0,000	0,008	0,016	FALSE
0,106	0,307	0,002	0,007	0,116	FALSE
0,146	0,293	0,005	0,009	0,230	FALSE
0,010	0,290	0,000	0,008	0,011	FALSE
-0,009	0,316	-0,001	0,006	0,046	FALSE
-0,109	0,306	-0,002	0,007	0,128	FALSE
0,017	0,306	-0,001	0,012	0,022	FALSE
0,000	0,315	0,000	0,007	0,002	FALSE
-0,042	0,329	-0,002	0,011	0,054	FALSE
-0,050	0,306	-0,002	0,010	0,062	FALSE
0,012	0,316	0,000	0,008	0,013	FALSE
0,040	0,302	0,001	0,007	0,054	FALSE
-0,005	0,323	0,000	0,008	0,005	FALSE
-0,025	0,299	-0,001	0,008	0,030	FALSE
-0,088	0,295	-0,002	0,008	0,110	FALSE
0,063	0,296	0,003	0,010	0,129	FALSE
-0,009	0,311	0,001	0,012	0,025	FALSE
-0,031	0,306	-0,001	0,008	0,030	FALSE
-0,060	0,297	-0,003	0,009	0,113	FALSE
-0,065	0,304	-0,001	0,007	0,079	FALSE
0,061	0,305	0,002	0,006	0,096	FALSE

-0,096	0,298	-0,002	0,006	0,118	FALSE
-0,088	0,306	-0,002	0,006	0,118	FALSE
-0,084	0,305	-0,002	0,006	0,117	FALSE
-0,085	0,307	-0,002	0,006	0,094	FALSE
0,079	0,292	0,002	0,006	0,127	FALSE
-0,085	0,306	-0,002	0,006	0,101	FALSE
0,011	0,298	0,001	0,007	0,029	FALSE
-0,001	0,313	0,000	0,010	0,001	FALSE
-0,006	0,301	0,000	0,010	0,003	FALSE
-0,037	0,309	-0,002	0,012	0,068	FALSE
0,007	0,300	0,000	0,007	0,015	FALSE
-0,030	0,305	-0,001	0,007	0,045	FALSE
-0,038	0,322	-0,001	0,007	0,044	FALSE
-0,109	0,305	-0,004	0,011	0,142	FALSE
-0,025	0,310	-0,001	0,011	0,035	FALSE
-0,045	0,298	-0,002	0,012	0,060	FALSE
-0,118	0,313	-0,003	0,008	0,143	FALSE
-0,035	0,301	-0,001	0,013	0,037	FALSE
0,055	0,297	0,002	0,010	0,080	FALSE
0,048	0,305	0,001	0,010	0,041	FALSE
0,059	0,314	0,002	0,012	0,057	FALSE
0,029	0,304	0,001	0,012	0,044	FALSE
-0,035	0,318	-0,001	0,006	0,046	FALSE
-0,044	0,305	-0,001	0,007	0,068	FALSE
0,006	0,320	0,001	0,012	0,029	FALSE
0,075	0,307	0,002	0,009	0,098	FALSE
-0,003	0,316	0,000	0,009	0,009	FALSE
0,029	0,307	0,000	0,008	0,001	FALSE
-0,054	0,301	-0,002	0,012	0,061	FALSE
0,024	0,297	0,001	0,007	0,068	FALSE
0,075	0,314	0,002	0,011	0,061	FALSE
0,041	0,291	0,001	0,011	0,030	FALSE
0,081	0,316	0,002	0,007	0,091	FALSE
0,009	0,294	0,001	0,010	0,022	FALSE
-0,064	0,301	-0,002	0,008	0,081	FALSE
0,004	0,297	0,000	0,007	0,020	FALSE
0,048	0,298	0,001	0,007	0,077	FALSE
-0,133	0,297	-0,004	0,008	0,175	FALSE
-0,053	0,290	-0,001	0,009	0,036	FALSE
0,132	0,305	0,004	0,011	0,168	FALSE
-0,058	0,289	-0,001	0,007	0,031	FALSE
-0,001	0,299	0,000	0,009	0,011	FALSE
0,022	0,307	0,000	0,012	0,005	FALSE
-0,076	0,303	-0,003	0,012	0,112	FALSE
0,113	0,298	0,003	0,007	0,178	FALSE
-0,070	0,314	-0,003	0,012	0,079	FALSE
-0,091	0,304	-0,002	0,011	0,082	FALSE
0,083	0,292	0,002	0,007	0,105	FALSE
-0,073	0,309	-0,002	0,010	0,082	FALSE
-0,019	0,302	-0,001	0,012	0,027	FALSE
0,064	0,311	0,002	0,011	0,077	FALSE
-0,016	0,303	0,000	0,012	0,013	FALSE
-0,110	0,311	-0,004	0,011	0,128	FALSE

0,015	0,311	0,001	0,011	0,026	FALSE
0,047	0,310	0,002	0,011	0,052	FALSE
-0,087	0,304	-0,004	0,012	0,127	FALSE
0,021	0,316	0,001	0,007	0,027	FALSE
-0,111	0,292	-0,005	0,012	0,169	FALSE
-0,119	0,302	-0,003	0,007	0,175	FALSE
0,054	0,293	0,001	0,007	0,081	FALSE
-0,025	0,300	0,000	0,008	0,020	FALSE
-0,093	0,302	-0,003	0,008	0,121	FALSE
0,098	0,304	0,003	0,013	0,095	FALSE
-0,018	0,313	0,000	0,008	0,008	FALSE
0,050	0,307	0,002	0,013	0,048	FALSE
0,029	0,317	0,001	0,013	0,034	FALSE
-0,063	0,310	-0,002	0,009	0,100	FALSE
0,053	0,311	0,001	0,006	0,047	FALSE
-0,017	0,298	-0,001	0,009	0,032	FALSE
0,021	0,305	0,000	0,008	0,019	FALSE
-0,137	0,304	-0,005	0,011	0,197	FALSE
-0,033	0,301	-0,001	0,009	0,039	FALSE
-0,120	0,306	-0,004	0,012	0,148	FALSE
0,090	0,306	0,002	0,006	0,123	FALSE
0,058	0,305	0,002	0,013	0,068	FALSE
-0,010	0,307	0,001	0,007	0,026	FALSE
-0,004	0,308	-0,001	0,010	0,018	FALSE
0,048	0,313	0,001	0,010	0,042	FALSE
0,056	0,311	0,001	0,007	0,070	FALSE
0,058	0,312	0,002	0,007	0,080	FALSE
-0,055	0,302	-0,001	0,008	0,065	FALSE
-0,199	0,299	-0,007	0,010	0,297	FALSE
-0,059	0,303	-0,001	0,006	0,086	FALSE
-0,007	0,314	-0,001	0,007	0,048	FALSE
0,116	0,324	0,004	0,012	0,148	FALSE
0,008	0,301	0,001	0,007	0,053	FALSE
-0,021	0,304	-0,001	0,012	0,019	FALSE
-0,096	0,304	-0,005	0,012	0,157	FALSE
-0,045	0,312	-0,002	0,012	0,047	FALSE
-0,103	0,295	-0,002	0,006	0,129	FALSE
-0,049	0,306	-0,002	0,006	0,095	FALSE
-0,155	0,316	-0,007	0,011	0,253	FALSE
0,022	0,295	0,001	0,012	0,040	FALSE
-0,036	0,302	-0,002	0,012	0,059	FALSE
-0,036	0,314	-0,002	0,012	0,064	FALSE
0,104	0,303	0,004	0,012	0,134	FALSE
0,043	0,317	0,001	0,006	0,034	FALSE
0,013	0,304	0,001	0,007	0,049	FALSE
-0,017	0,313	-0,001	0,010	0,022	FALSE
-0,142	0,314	-0,003	0,008	0,171	FALSE
-0,122	0,310	-0,004	0,010	0,154	FALSE
0,057	0,312	0,001	0,007	0,041	FALSE
0,005	0,317	0,001	0,010	0,053	FALSE
-0,085	0,282	-0,004	0,012	0,138	FALSE
-0,102	0,303	-0,003	0,009	0,135	FALSE
-0,103	0,289	-0,004	0,011	0,142	FALSE

0,121	0,298	0,005	0,013	0,172	FALSE
0,131	0,300	0,006	0,013	0,192	FALSE
0,109	0,311	0,002	0,007	0,145	FALSE
0,066	0,315	0,001	0,006	0,066	FALSE
-0,053	0,302	-0,002	0,011	0,073	FALSE
-0,058	0,319	-0,003	0,013	0,097	FALSE
0,013	0,315	0,000	0,008	0,017	FALSE
-0,183	0,308	-0,007	0,013	0,251	FALSE
0,042	0,302	0,002	0,007	0,085	FALSE
0,041	0,301	0,002	0,012	0,060	FALSE
0,096	0,302	0,004	0,012	0,124	FALSE
0,063	0,303	0,002	0,009	0,079	FALSE
-0,051	0,306	-0,002	0,012	0,060	FALSE
0,085	0,288	0,003	0,010	0,107	FALSE
-0,082	0,308	-0,002	0,008	0,114	FALSE
-0,044	0,327	-0,001	0,012	0,037	FALSE
-0,024	0,315	0,000	0,008	0,015	FALSE
0,133	0,306	0,004	0,010	0,170	FALSE
0,032	0,309	0,000	0,008	0,009	FALSE
-0,084	0,296	-0,005	0,013	0,144	FALSE
0,022	0,328	0,000	0,009	0,000	FALSE
0,061	0,321	0,002	0,013	0,055	FALSE
-0,041	0,313	-0,001	0,009	0,046	FALSE
-0,029	0,323	-0,001	0,013	0,037	FALSE
0,073	0,304	0,002	0,007	0,102	FALSE
-0,079	0,306	-0,002	0,006	0,096	FALSE
0,057	0,303	0,002	0,006	0,094	FALSE
-0,054	0,296	-0,002	0,007	0,099	FALSE
-0,037	0,319	-0,002	0,008	0,075	FALSE
-0,046	0,318	-0,002	0,007	0,090	FALSE
-0,050	0,305	-0,002	0,007	0,087	FALSE
0,006	0,308	0,000	0,007	0,017	FALSE
0,020	0,301	0,000	0,010	0,001	FALSE
0,087	0,303	0,002	0,007	0,115	FALSE
-0,023	0,321	-0,001	0,009	0,036	FALSE
-0,069	0,313	-0,001	0,006	0,070	FALSE
-0,004	0,303	0,001	0,010	0,019	FALSE
-0,035	0,304	-0,001	0,010	0,018	FALSE
-0,002	0,314	0,000	0,010	0,004	FALSE
0,010	0,298	0,000	0,011	0,002	FALSE
-0,014	0,302	0,000	0,012	0,006	FALSE
-0,042	0,301	-0,001	0,013	0,028	FALSE
-0,030	0,300	-0,001	0,006	0,046	FALSE
-0,142	0,307	-0,006	0,012	0,200	FALSE
-0,022	0,307	0,000	0,007	0,023	FALSE
-0,031	0,319	-0,002	0,013	0,060	FALSE
0,064	0,296	0,001	0,007	0,062	FALSE
-0,011	0,298	0,000	0,011	0,014	FALSE
0,002	0,308	0,000	0,013	0,009	FALSE
0,158	0,308	0,007	0,012	0,263	FALSE
-0,064	0,314	-0,002	0,009	0,099	FALSE
0,062	0,308	0,002	0,012	0,078	FALSE
0,015	0,304	0,001	0,006	0,040	FALSE

-0,033	0,298	0,000	0,007	0,026	FALSE
0,048	0,293	0,002	0,010	0,077	FALSE
0,125	0,291	0,005	0,012	0,180	FALSE
0,016	0,321	0,000	0,012	0,004	FALSE
-0,006	0,304	0,000	0,013	0,002	FALSE
0,014	0,312	0,001	0,012	0,034	FALSE
-0,127	0,307	-0,003	0,006	0,163	FALSE
-0,131	0,320	-0,003	0,007	0,180	FALSE
-0,091	0,296	-0,003	0,007	0,145	FALSE
-0,002	0,311	0,000	0,006	0,018	FALSE
-0,032	0,295	-0,003	0,012	0,088	FALSE
0,062	0,292	0,002	0,009	0,060	FALSE
0,022	0,300	0,001	0,007	0,046	FALSE
0,041	0,307	0,001	0,008	0,044	FALSE
-0,108	0,305	-0,003	0,009	0,132	FALSE
-0,065	0,309	-0,003	0,012	0,100	FALSE
-0,027	0,298	-0,002	0,012	0,058	FALSE
-0,090	0,299	-0,002	0,010	0,084	FALSE
0,160	0,305	0,004	0,008	0,223	FALSE
0,126	0,317	0,003	0,008	0,154	FALSE
0,123	0,321	0,003	0,009	0,146	FALSE
0,154	0,301	0,004	0,009	0,220	FALSE
-0,032	0,314	0,000	0,011	0,009	FALSE
-0,204	0,310	-0,007	0,011	0,304	FALSE
0,112	0,328	0,005	0,013	0,157	FALSE
0,059	0,311	0,001	0,006	0,076	FALSE
0,208	0,289	0,008	0,011	0,298	FALSE
0,223	0,296	0,008	0,010	0,370	FALSE
0,042	0,311	0,002	0,012	0,059	FALSE
0,025	0,292	0,001	0,009	0,053	FALSE
0,064	0,296	0,002	0,007	0,101	FALSE
0,052	0,317	0,002	0,012	0,051	FALSE
0,026	0,322	0,001	0,013	0,024	FALSE
0,033	0,317	0,001	0,013	0,037	FALSE
0,076	0,303	0,003	0,009	0,105	FALSE
0,120	0,294	0,003	0,006	0,184	FALSE
-0,021	0,307	-0,001	0,009	0,040	FALSE
0,027	0,313	0,000	0,007	0,022	FALSE
-0,043	0,308	-0,002	0,007	0,087	FALSE
-0,001	0,305	0,000	0,006	0,019	FALSE
0,074	0,305	0,002	0,006	0,097	FALSE
0,060	0,299	0,001	0,006	0,085	FALSE
0,009	0,305	0,001	0,011	0,029	FALSE
-0,177	0,289	-0,004	0,007	0,284	FALSE
0,095	0,304	0,003	0,010	0,105	FALSE
0,069	0,300	0,001	0,006	0,051	FALSE
-0,035	0,295	-0,002	0,010	0,061	FALSE
0,099	0,306	0,004	0,008	0,177	FALSE
-0,079	0,313	-0,003	0,012	0,087	FALSE
0,097	0,293	0,005	0,012	0,163	FALSE
0,166	0,288	0,004	0,007	0,287	FALSE
-0,140	0,301	-0,005	0,010	0,199	FALSE
-0,030	0,312	-0,001	0,010	0,050	FALSE

-0,139	0,297	-0,005	0,010	0,208	FALSE
-0,114	0,296	-0,003	0,009	0,141	FALSE
0,026	0,314	0,001	0,012	0,018	FALSE
-0,045	0,311	-0,001	0,008	0,055	FALSE
-0,062	0,292	-0,002	0,011	0,064	FALSE
0,060	0,303	0,003	0,011	0,088	FALSE
0,004	0,300	0,000	0,007	0,013	FALSE
-0,099	0,311	-0,003	0,008	0,146	FALSE
0,025	0,292	0,001	0,008	0,068	FALSE
0,058	0,303	0,001	0,008	0,065	FALSE
-0,052	0,284	-0,001	0,008	0,036	FALSE
0,035	0,325	0,002	0,013	0,061	FALSE
0,054	0,311	0,003	0,013	0,082	FALSE
-0,036	0,313	-0,001	0,011	0,049	FALSE
0,073	0,295	0,002	0,006	0,101	FALSE
0,108	0,309	0,004	0,010	0,158	FALSE
0,084	0,306	0,003	0,011	0,109	FALSE
-0,008	0,324	-0,001	0,010	0,022	FALSE
0,030	0,308	0,001	0,011	0,017	FALSE
0,042	0,312	0,001	0,011	0,033	FALSE
-0,023	0,315	-0,001	0,009	0,043	FALSE
0,096	0,298	0,003	0,008	0,153	FALSE
-0,084	0,310	-0,002	0,013	0,073	FALSE
-0,074	0,310	-0,003	0,013	0,094	FALSE
0,049	0,302	0,001	0,012	0,039	FALSE
0,005	0,316	0,000	0,007	0,015	FALSE
0,029	0,297	0,000	0,010	0,008	FALSE
0,040	0,308	0,000	0,006	0,020	FALSE
0,041	0,303	0,000	0,006	0,019	FALSE
-0,044	0,323	-0,002	0,008	0,083	FALSE
0,039	0,297	0,001	0,007	0,059	FALSE
-0,047	0,301	-0,001	0,011	0,050	FALSE
0,034	0,306	0,000	0,012	0,014	FALSE
0,103	0,304	0,003	0,008	0,160	FALSE
0,045	0,298	0,001	0,012	0,018	FALSE
-0,104	0,317	-0,003	0,009	0,145	FALSE
0,039	0,306	0,001	0,007	0,058	FALSE
0,050	0,323	0,002	0,010	0,072	FALSE
0,077	0,295	0,004	0,013	0,110	TRUE
-0,067	0,305	-0,001	0,007	0,060	FALSE
0,020	0,310	0,001	0,011	0,038	FALSE
0,011	0,312	0,000	0,007	0,023	FALSE
-0,072	0,312	-0,002	0,008	0,075	FALSE
0,190	0,300	0,007	0,012	0,236	FALSE
-0,047	0,299	-0,001	0,007	0,047	FALSE
-0,020	0,305	-0,001	0,009	0,022	FALSE
0,103	0,308	0,004	0,012	0,140	FALSE
0,110	0,295	0,004	0,011	0,156	FALSE
-0,105	0,319	-0,004	0,012	0,147	FALSE
0,062	0,309	0,002	0,008	0,080	FALSE
-0,053	0,296	-0,001	0,007	0,027	FALSE
-0,175	0,296	-0,005	0,008	0,251	FALSE
0,016	0,319	0,001	0,014	0,038	FALSE

0,028	0,307	0,001	0,012	0,044	FALSE
0,027	0,304	0,000	0,007	0,002	FALSE
0,028	0,291	0,001	0,010	0,042	FALSE
0,046	0,301	0,002	0,010	0,059	FALSE
-0,018	0,311	0,000	0,011	0,008	FALSE
-0,027	0,301	-0,001	0,010	0,045	FALSE
-0,002	0,300	-0,001	0,007	0,030	FALSE
-0,005	0,309	-0,001	0,012	0,019	FALSE
0,067	0,306	0,002	0,009	0,088	FALSE
0,003	0,313	0,001	0,009	0,024	FALSE
-0,048	0,314	-0,001	0,008	0,058	FALSE
-0,101	0,300	-0,004	0,012	0,142	FALSE
-0,024	0,315	-0,001	0,010	0,026	FALSE
0,010	0,308	0,001	0,007	0,032	FALSE
-0,123	0,313	-0,003	0,007	0,175	FALSE
-0,118	0,299	-0,004	0,012	0,131	FALSE
-0,068	0,309	-0,002	0,010	0,085	FALSE
-0,013	0,328	0,000	0,013	0,007	FALSE
-0,083	0,320	-0,002	0,008	0,086	FALSE
-0,065	0,307	-0,002	0,011	0,079	FALSE
0,151	0,294	0,004	0,008	0,198	FALSE
-0,098	0,308	-0,002	0,007	0,134	FALSE
-0,106	0,303	-0,002	0,006	0,135	FALSE
-0,153	0,318	-0,003	0,007	0,176	FALSE
0,005	0,317	0,001	0,013	0,032	FALSE
0,149	0,313	0,004	0,008	0,236	FALSE
0,026	0,294	0,001	0,012	0,019	FALSE
-0,055	0,307	-0,001	0,006	0,078	FALSE
0,035	0,291	0,002	0,010	0,066	FALSE
-0,109	0,316	-0,002	0,007	0,125	FALSE
0,050	0,307	0,002	0,009	0,099	FALSE
-0,007	0,314	0,000	0,009	0,013	FALSE
0,079	0,308	0,003	0,012	0,102	FALSE
-0,049	0,308	-0,002	0,006	0,092	FALSE
-0,156	0,294	-0,005	0,011	0,188	FALSE
-0,168	0,294	-0,006	0,011	0,215	FALSE
0,013	0,306	0,001	0,007	0,045	FALSE
-0,036	0,299	-0,001	0,006	0,044	FALSE
0,047	0,312	0,002	0,011	0,063	FALSE
-0,020	0,303	-0,001	0,008	0,041	FALSE
0,029	0,312	0,001	0,012	0,039	FALSE
0,025	0,306	0,001	0,007	0,040	FALSE
0,039	0,317	0,001	0,007	0,047	FALSE
0,162	0,302	0,004	0,006	0,255	FALSE
-0,101	0,312	-0,003	0,008	0,152	FALSE
-0,038	0,302	-0,001	0,007	0,030	FALSE
0,080	0,300	0,004	0,012	0,132	FALSE
0,069	0,299	0,004	0,012	0,121	FALSE
-0,102	0,307	-0,004	0,011	0,134	FALSE
0,203	0,294	0,006	0,011	0,247	FALSE
0,135	0,320	0,005	0,012	0,176	FALSE
0,076	0,306	0,002	0,009	0,091	FALSE
-0,184	0,313	-0,007	0,012	0,246	FALSE

0,083	0,308	0,004	0,010	0,152	FALSE
0,008	0,326	0,000	0,007	0,008	FALSE
-0,013	0,314	-0,001	0,010	0,037	FALSE
-0,139	0,300	-0,002	0,006	0,168	FALSE
-0,117	0,306	-0,002	0,006	0,162	FALSE
-0,126	0,320	-0,006	0,013	0,184	FALSE
0,136	0,309	0,005	0,010	0,201	FALSE
0,110	0,304	0,004	0,011	0,135	FALSE
-0,018	0,314	-0,001	0,008	0,022	FALSE
-0,147	0,289	-0,004	0,008	0,198	FALSE
-0,055	0,302	-0,002	0,012	0,066	FALSE
-0,088	0,305	-0,003	0,012	0,087	FALSE
-0,167	0,289	-0,004	0,008	0,215	FALSE
0,143	0,310	0,005	0,012	0,153	FALSE
-0,007	0,303	0,000	0,009	0,012	FALSE
0,047	0,307	0,001	0,011	0,035	FALSE
-0,013	0,308	0,000	0,012	0,011	FALSE
-0,151	0,299	-0,003	0,007	0,200	FALSE
0,068	0,299	0,002	0,010	0,059	FALSE
0,042	0,312	0,003	0,013	0,087	FALSE
-0,134	0,303	-0,003	0,007	0,163	FALSE
-0,049	0,307	-0,001	0,009	0,040	FALSE
0,049	0,311	0,001	0,006	0,074	FALSE
0,093	0,311	0,002	0,007	0,133	FALSE
-0,076	0,315	-0,002	0,008	0,120	FALSE
-0,077	0,305	-0,002	0,007	0,105	FALSE
-0,030	0,308	-0,001	0,013	0,038	FALSE
0,087	0,305	0,002	0,006	0,113	FALSE
0,000	0,309	0,000	0,011	0,007	FALSE
0,117	0,305	0,004	0,011	0,147	FALSE
-0,120	0,314	-0,004	0,013	0,121	FALSE
-0,079	0,293	-0,003	0,012	0,080	FALSE
0,003	0,299	0,000	0,006	0,002	FALSE
-0,004	0,314	0,000	0,008	0,023	FALSE
0,006	0,327	0,000	0,010	0,006	FALSE
-0,007	0,305	0,000	0,010	0,007	FALSE
-0,039	0,309	-0,002	0,011	0,070	FALSE
-0,059	0,306	-0,001	0,006	0,045	FALSE
-0,017	0,311	0,000	0,008	0,013	FALSE
0,057	0,305	0,002	0,011	0,068	FALSE
-0,024	0,322	-0,001	0,013	0,028	FALSE
0,013	0,316	0,001	0,012	0,028	FALSE
-0,128	0,299	-0,003	0,008	0,159	FALSE
-0,040	0,312	-0,001	0,008	0,043	FALSE
-0,109	0,294	-0,004	0,010	0,183	FALSE
-0,082	0,300	-0,003	0,008	0,125	FALSE
-0,037	0,307	-0,001	0,010	0,027	FALSE
0,109	0,306	0,005	0,012	0,166	FALSE
0,096	0,312	0,005	0,012	0,153	FALSE
-0,054	0,298	-0,002	0,010	0,070	FALSE
0,085	0,313	0,002	0,009	0,103	FALSE
-0,071	0,305	-0,004	0,013	0,108	FALSE
-0,153	0,301	-0,005	0,010	0,219	FALSE

-0,023	0,300	-0,001	0,010	0,031	FALSE
-0,081	0,312	-0,003	0,008	0,142	FALSE
0,035	0,305	0,001	0,008	0,049	FALSE
0,023	0,309	0,000	0,006	0,016	FALSE
-0,024	0,300	0,000	0,008	0,017	FALSE
-0,089	0,320	-0,003	0,008	0,136	FALSE
-0,054	0,322	-0,002	0,009	0,062	FALSE
-0,040	0,322	-0,001	0,011	0,037	FALSE
0,100	0,288	0,005	0,012	0,183	FALSE
-0,150	0,292	-0,005	0,010	0,205	FALSE
-0,124	0,294	-0,004	0,010	0,153	FALSE
-0,029	0,316	-0,001	0,009	0,045	FALSE
-0,102	0,303	-0,003	0,009	0,115	FALSE
0,067	0,314	0,001	0,008	0,036	FALSE
-0,108	0,302	-0,002	0,006	0,106	FALSE
0,099	0,308	0,003	0,008	0,128	FALSE
0,123	0,296	0,003	0,008	0,156	FALSE
0,016	0,312	0,001	0,010	0,024	FALSE
-0,033	0,306	-0,001	0,008	0,056	FALSE
-0,046	0,312	-0,002	0,011	0,064	FALSE
-0,012	0,315	-0,001	0,011	0,042	FALSE
-0,066	0,313	-0,003	0,011	0,095	FALSE
0,014	0,305	0,000	0,010	0,011	FALSE
0,073	0,312	0,003	0,012	0,110	FALSE
-0,147	0,319	-0,005	0,009	0,222	FALSE
-0,083	0,316	-0,004	0,013	0,118	FALSE
-0,031	0,310	0,000	0,006	0,004	FALSE
0,038	0,289	0,001	0,008	0,042	FALSE
0,026	0,329	0,000	0,006	0,018	FALSE
-0,038	0,313	-0,001	0,013	0,036	FALSE
0,019	0,301	0,001	0,012	0,033	FALSE
-0,018	0,300	0,000	0,012	0,015	FALSE
-0,066	0,304	-0,001	0,010	0,048	FALSE
0,041	0,304	0,001	0,012	0,032	FALSE
0,048	0,304	0,001	0,009	0,055	FALSE
0,088	0,285	0,002	0,007	0,104	FALSE
0,046	0,302	0,001	0,008	0,064	FALSE
0,057	0,309	0,001	0,007	0,037	FALSE
-0,052	0,301	-0,002	0,010	0,082	FALSE
0,078	0,318	0,002	0,006	0,127	FALSE
-0,141	0,302	-0,007	0,012	0,250	FALSE
-0,129	0,298	-0,007	0,012	0,239	FALSE
0,099	0,297	0,003	0,011	0,128	FALSE
-0,002	0,309	0,000	0,009	0,003	FALSE
-0,112	0,309	-0,006	0,013	0,182	FALSE
0,102	0,324	0,005	0,013	0,168	FALSE
-0,006	0,308	0,001	0,008	0,024	FALSE
0,049	0,310	0,003	0,011	0,097	FALSE
0,076	0,311	0,004	0,011	0,139	FALSE
-0,002	0,315	-0,001	0,008	0,025	FALSE
0,030	0,304	0,002	0,011	0,076	FALSE
-0,027	0,295	0,000	0,007	0,012	FALSE
-0,092	0,313	-0,002	0,006	0,128	FALSE

0,010	0,303	0,000	0,012	0,007	FALSE
-0,044	0,310	-0,001	0,007	0,058	FALSE
0,069	0,316	0,002	0,010	0,061	FALSE
0,082	0,309	0,002	0,008	0,101	FALSE
0,025	0,319	0,001	0,010	0,047	FALSE
-0,112	0,302	-0,004	0,011	0,137	FALSE
0,153	0,280	0,004	0,007	0,212	FALSE
0,130	0,297	0,004	0,007	0,205	FALSE
-0,037	0,320	-0,001	0,012	0,028	FALSE
-0,032	0,293	-0,001	0,007	0,051	FALSE
-0,161	0,301	-0,007	0,013	0,249	FALSE
0,113	0,303	0,002	0,006	0,127	FALSE
0,075	0,294	0,001	0,007	0,079	FALSE
0,029	0,303	0,000	0,006	0,016	FALSE
0,019	0,308	0,000	0,007	0,001	FALSE
0,048	0,297	0,002	0,008	0,068	FALSE
-0,033	0,315	-0,001	0,008	0,057	FALSE
-0,039	0,296	-0,002	0,008	0,075	FALSE
-0,056	0,308	-0,002	0,008	0,092	FALSE
-0,022	0,293	0,000	0,009	0,018	FALSE
-0,031	0,299	-0,001	0,007	0,057	FALSE
-0,013	0,308	0,000	0,010	0,018	FALSE
-0,017	0,298	0,000	0,009	0,006	FALSE
0,084	0,304	0,004	0,012	0,143	FALSE
0,086	0,295	0,002	0,006	0,127	FALSE
0,059	0,316	0,002	0,011	0,074	FALSE
0,049	0,303	0,001	0,010	0,046	FALSE
0,002	0,306	0,000	0,008	0,012	FALSE
-0,082	0,308	-0,002	0,008	0,112	FALSE
-0,080	0,309	-0,002	0,007	0,125	FALSE
0,081	0,323	0,002	0,008	0,096	FALSE
0,105	0,291	0,004	0,009	0,173	FALSE
-0,024	0,300	-0,001	0,012	0,034	FALSE
-0,087	0,302	-0,003	0,010	0,111	FALSE
-0,052	0,311	-0,002	0,010	0,081	FALSE
-0,170	0,298	-0,006	0,011	0,247	FALSE
0,096	0,311	0,002	0,008	0,106	FALSE
0,049	0,306	0,002	0,009	0,061	FALSE
-0,140	0,305	-0,006	0,012	0,219	FALSE
0,035	0,319	0,001	0,009	0,056	FALSE
-0,001	0,308	0,000	0,007	0,008	FALSE
0,036	0,312	0,001	0,009	0,057	FALSE
-0,027	0,311	-0,001	0,008	0,060	FALSE
0,036	0,307	0,001	0,011	0,043	FALSE
0,034	0,314	0,001	0,010	0,028	FALSE
0,067	0,305	0,003	0,013	0,093	FALSE
-0,036	0,308	-0,002	0,010	0,071	FALSE
0,080	0,307	0,003	0,010	0,107	FALSE
0,023	0,322	0,001	0,009	0,019	FALSE
0,122	0,296	0,003	0,008	0,136	FALSE
-0,017	0,313	0,000	0,012	0,012	FALSE
-0,025	0,311	0,000	0,007	0,021	FALSE
0,038	0,313	0,000	0,007	0,000	FALSE

-0,100	0,309	-0,004	0,013	0,137	FALSE
0,135	0,302	0,004	0,009	0,179	FALSE
-0,074	0,298	-0,004	0,012	0,128	FALSE
-0,139	0,297	-0,006	0,012	0,223	FALSE
0,025	0,305	0,000	0,008	0,005	FALSE
0,055	0,304	0,002	0,007	0,104	FALSE
0,016	0,318	0,000	0,008	0,007	FALSE
-0,071	0,314	-0,001	0,007	0,060	FALSE
-0,045	0,311	-0,001	0,006	0,040	FALSE
0,092	0,299	0,003	0,011	0,111	FALSE
0,007	0,312	0,000	0,009	0,000	FALSE
0,027	0,319	0,000	0,006	0,010	FALSE
-0,048	0,310	-0,002	0,011	0,051	FALSE
0,071	0,319	0,002	0,012	0,064	FALSE
0,132	0,309	0,003	0,008	0,148	FALSE
-0,011	0,312	0,000	0,011	0,014	FALSE
-0,037	0,306	-0,001	0,008	0,039	FALSE
-0,083	0,309	-0,002	0,007	0,117	FALSE
-0,085	0,296	-0,003	0,009	0,124	FALSE
-0,066	0,307	-0,002	0,009	0,084	FALSE
-0,126	0,302	-0,004	0,011	0,142	FALSE
0,053	0,314	0,001	0,007	0,053	FALSE
0,081	0,301	0,003	0,008	0,121	FALSE
0,138	0,302	0,005	0,011	0,189	FALSE
-0,092	0,316	-0,002	0,007	0,133	FALSE
-0,015	0,312	0,000	0,007	0,020	FALSE
0,104	0,302	0,003	0,010	0,125	FALSE
-0,048	0,312	-0,002	0,007	0,099	FALSE
-0,026	0,303	-0,001	0,010	0,043	FALSE
-0,045	0,309	-0,001	0,008	0,043	FALSE
0,078	0,301	0,003	0,010	0,119	FALSE
0,011	0,309	0,001	0,009	0,020	FALSE
0,006	0,303	0,000	0,008	0,016	FALSE
-0,079	0,309	-0,002	0,009	0,082	FALSE
0,041	0,310	0,001	0,007	0,050	FALSE
0,014	0,320	0,000	0,013	0,006	FALSE
-0,024	0,310	-0,001	0,010	0,029	FALSE
-0,043	0,310	-0,003	0,013	0,089	FALSE
0,009	0,310	0,000	0,011	0,007	FALSE
-0,091	0,306	-0,003	0,010	0,112	FALSE
-0,043	0,297	-0,002	0,010	0,058	FALSE
0,022	0,301	0,000	0,006	0,026	FALSE
-0,032	0,303	-0,001	0,007	0,045	FALSE
0,049	0,292	0,001	0,006	0,048	FALSE
0,029	0,289	0,000	0,006	0,004	FALSE
-0,038	0,322	-0,001	0,009	0,024	FALSE
-0,015	0,317	0,000	0,008	0,001	FALSE
-0,228	0,291	-0,008	0,011	0,375	FALSE
0,046	0,303	0,001	0,008	0,035	FALSE
0,027	0,317	0,001	0,007	0,071	FALSE
-0,007	0,306	0,000	0,007	0,004	FALSE
0,093	0,316	0,002	0,007	0,131	FALSE
0,122	0,303	0,003	0,008	0,157	FALSE

0,012	0,310	0,001	0,011	0,040	FALSE
0,045	0,307	0,001	0,008	0,048	FALSE
0,089	0,311	0,002	0,007	0,121	FALSE
0,059	0,316	0,001	0,008	0,049	FALSE
0,012	0,300	0,001	0,007	0,036	FALSE
0,000	0,308	0,001	0,013	0,017	FALSE
0,049	0,315	0,002	0,011	0,065	FALSE
0,010	0,306	0,000	0,013	0,004	FALSE
-0,080	0,314	-0,003	0,008	0,125	FALSE
0,026	0,309	0,001	0,010	0,041	FALSE
0,055	0,310	0,002	0,010	0,076	FALSE
-0,012	0,308	0,000	0,007	0,007	FALSE
-0,082	0,295	-0,001	0,009	0,056	FALSE
0,014	0,295	0,000	0,010	0,002	FALSE
0,058	0,307	0,001	0,009	0,058	FALSE
-0,073	0,295	-0,002	0,010	0,082	FALSE
-0,055	0,316	-0,002	0,009	0,081	FALSE
-0,023	0,306	-0,001	0,009	0,051	FALSE
-0,085	0,303	-0,003	0,009	0,119	FALSE
0,103	0,301	0,004	0,010	0,149	FALSE
-0,053	0,307	-0,001	0,006	0,042	FALSE
0,068	0,307	0,001	0,007	0,082	FALSE
-0,008	0,306	0,000	0,011	0,005	FALSE
-0,031	0,308	0,000	0,007	0,020	FALSE
0,075	0,315	0,002	0,011	0,077	FALSE
0,071	0,300	0,002	0,010	0,071	FALSE
-0,035	0,312	-0,001	0,008	0,057	FALSE
-0,008	0,294	0,000	0,006	0,019	FALSE
0,001	0,308	-0,001	0,012	0,029	FALSE
0,072	0,310	0,003	0,011	0,106	FALSE
0,014	0,321	0,000	0,012	0,012	FALSE
0,089	0,300	0,002	0,007	0,077	FALSE
0,079	0,298	0,002	0,010	0,074	FALSE
0,110	0,306	0,002	0,007	0,115	FALSE
0,105	0,304	0,002	0,007	0,089	FALSE
0,057	0,306	0,002	0,010	0,085	FALSE
0,089	0,305	0,002	0,007	0,098	FALSE
-0,032	0,302	-0,001	0,010	0,046	FALSE
0,041	0,305	0,002	0,011	0,069	FALSE
0,072	0,305	0,001	0,007	0,075	FALSE
0,025	0,299	0,000	0,008	0,018	FALSE
0,033	0,310	0,001	0,008	0,058	FALSE
-0,005	0,307	0,000	0,008	0,010	FALSE
0,016	0,313	0,001	0,008	0,034	FALSE
0,003	0,314	0,001	0,009	0,020	FALSE
0,061	0,300	0,002	0,012	0,076	FALSE
-0,078	0,299	-0,002	0,006	0,098	FALSE
0,066	0,318	0,002	0,007	0,096	FALSE
0,114	0,291	0,004	0,012	0,154	FALSE
-0,097	0,299	-0,004	0,011	0,149	FALSE
0,134	0,304	0,005	0,013	0,173	FALSE
-0,172	0,285	-0,007	0,011	0,266	FALSE
-0,020	0,310	-0,001	0,010	0,042	FALSE

0,059	0,304	0,002	0,012	0,052	FALSE
-0,029	0,303	-0,002	0,011	0,060	FALSE
0,075	0,299	0,004	0,010	0,154	FALSE
0,005	0,303	0,000	0,011	0,000	FALSE
-0,061	0,321	-0,001	0,007	0,063	FALSE
0,048	0,296	0,001	0,011	0,045	FALSE
0,025	0,300	0,001	0,010	0,042	FALSE
-0,007	0,304	0,000	0,011	0,013	FALSE
-0,028	0,298	-0,001	0,009	0,033	FALSE
0,046	0,310	0,002	0,011	0,054	FALSE
0,034	0,311	0,002	0,011	0,057	FALSE
-0,052	0,306	-0,002	0,011	0,057	FALSE
-0,087	0,309	-0,003	0,010	0,124	FALSE
-0,076	0,311	-0,003	0,012	0,104	FALSE
-0,063	0,316	-0,003	0,012	0,095	FALSE
0,233	0,278	0,008	0,009	0,467	FALSE
0,073	0,311	0,002	0,010	0,056	FALSE
0,068	0,299	0,002	0,010	0,064	FALSE
0,013	0,315	0,000	0,006	0,009	FALSE
0,052	0,302	0,001	0,011	0,029	FALSE
-0,009	0,309	0,000	0,007	0,001	FALSE
0,023	0,307	0,001	0,008	0,045	FALSE
0,050	0,306	0,002	0,012	0,062	FALSE
-0,086	0,300	-0,002	0,009	0,105	FALSE
-0,072	0,324	-0,004	0,012	0,112	FALSE
-0,059	0,300	-0,004	0,012	0,123	FALSE
0,010	0,309	-0,001	0,013	0,018	FALSE
-0,049	0,308	-0,004	0,012	0,115	FALSE
0,005	0,311	0,001	0,013	0,037	FALSE
0,100	0,298	0,005	0,010	0,202	FALSE
0,096	0,289	0,003	0,007	0,193	FALSE
-0,056	0,303	-0,003	0,012	0,085	FALSE
-0,024	0,301	-0,001	0,013	0,016	FALSE
0,051	0,286	0,002	0,008	0,083	FALSE
-0,057	0,302	-0,002	0,006	0,091	FALSE
-0,142	0,299	-0,005	0,009	0,245	FALSE
0,004	0,298	0,001	0,006	0,031	FALSE
0,126	0,298	0,004	0,007	0,207	FALSE
0,125	0,287	0,003	0,006	0,202	FALSE
0,068	0,312	0,002	0,008	0,109	FALSE
-0,059	0,305	-0,001	0,007	0,052	FALSE
0,070	0,311	0,002	0,010	0,083	FALSE
-0,063	0,287	-0,001	0,011	0,027	FALSE
0,005	0,310	0,000	0,012	0,002	FALSE
-0,087	0,302	-0,002	0,006	0,127	FALSE
-0,169	0,317	-0,005	0,008	0,248	FALSE
0,019	0,300	0,001	0,006	0,033	FALSE
0,039	0,301	0,001	0,012	0,044	FALSE
-0,115	0,296	-0,005	0,012	0,167	FALSE
0,103	0,299	0,005	0,012	0,181	FALSE
0,139	0,289	0,006	0,012	0,230	FALSE
0,006	0,295	0,000	0,011	0,007	FALSE
-0,027	0,310	-0,001	0,009	0,051	FALSE

0,035	0,311	0,001	0,013	0,030	FALSE
-0,012	0,304	-0,001	0,007	0,049	FALSE
0,010	0,306	0,001	0,008	0,025	FALSE
0,015	0,310	0,000	0,010	0,001	FALSE
0,123	0,296	0,005	0,012	0,154	FALSE
0,043	0,295	0,002	0,012	0,055	FALSE
-0,091	0,315	-0,002	0,009	0,095	FALSE
0,102	0,299	0,004	0,010	0,134	FALSE
0,073	0,307	0,002	0,010	0,068	FALSE
0,119	0,305	0,003	0,006	0,180	FALSE
0,012	0,302	0,000	0,010	0,002	FALSE
-0,076	0,291	-0,002	0,006	0,120	FALSE
0,081	0,311	0,002	0,008	0,107	FALSE
-0,089	0,313	-0,002	0,009	0,107	FALSE
0,032	0,295	0,001	0,007	0,060	FALSE
-0,138	0,299	-0,005	0,012	0,174	FALSE
0,074	0,311	0,003	0,011	0,095	FALSE
0,085	0,314	0,003	0,013	0,084	FALSE
0,153	0,324	0,002	0,006	0,138	FALSE
0,092	0,289	0,001	0,007	0,082	FALSE
0,044	0,309	0,000	0,007	0,023	FALSE
-0,056	0,302	-0,003	0,011	0,106	FALSE
0,064	0,310	0,002	0,007	0,095	FALSE
0,050	0,311	0,001	0,008	0,056	FALSE
0,132	0,293	0,004	0,009	0,166	FALSE
0,072	0,300	0,002	0,010	0,077	FALSE
0,064	0,307	0,001	0,006	0,077	FALSE
-0,034	0,315	-0,002	0,013	0,044	FALSE
0,010	0,318	0,001	0,011	0,029	FALSE
-0,131	0,292	-0,004	0,010	0,175	FALSE
-0,038	0,308	-0,001	0,007	0,035	FALSE
-0,081	0,300	-0,003	0,012	0,102	FALSE
-0,126	0,301	-0,004	0,010	0,174	FALSE
0,055	0,295	0,001	0,009	0,056	FALSE
0,032	0,295	0,001	0,009	0,027	FALSE
-0,086	0,310	-0,003	0,011	0,115	FALSE
-0,011	0,299	0,000	0,009	0,009	FALSE
-0,005	0,321	-0,001	0,009	0,027	FALSE
0,071	0,309	0,001	0,006	0,082	FALSE
0,128	0,306	0,004	0,010	0,150	FALSE
-0,091	0,312	-0,002	0,010	0,096	FALSE
0,036	0,310	0,001	0,009	0,037	FALSE
-0,030	0,303	-0,002	0,011	0,068	FALSE
0,074	0,304	0,002	0,008	0,103	FALSE
0,097	0,302	0,004	0,012	0,132	FALSE
0,093	0,312	0,003	0,010	0,115	FALSE
0,039	0,321	0,002	0,012	0,055	FALSE
0,100	0,303	0,004	0,012	0,142	FALSE
0,104	0,308	0,003	0,007	0,135	FALSE
-0,061	0,321	-0,002	0,012	0,075	FALSE
-0,112	0,310	-0,004	0,010	0,154	FALSE
-0,036	0,304	-0,002	0,011	0,053	FALSE
0,008	0,299	0,000	0,010	0,016	FALSE

0,021	0,297	0,001	0,012	0,019	FALSE
-0,074	0,301	-0,003	0,012	0,102	FALSE
-0,054	0,325	-0,002	0,012	0,068	FALSE
-0,032	0,313	-0,002	0,012	0,048	FALSE
-0,047	0,313	0,000	0,006	0,025	FALSE
-0,026	0,315	-0,001	0,012	0,043	FALSE
-0,094	0,302	-0,002	0,007	0,090	FALSE
0,067	0,324	0,002	0,011	0,077	FALSE
0,024	0,311	0,001	0,008	0,043	FALSE
-0,002	0,292	0,000	0,009	0,003	FALSE
0,106	0,299	0,002	0,010	0,086	FALSE
-0,122	0,302	-0,004	0,012	0,148	FALSE
0,041	0,306	0,001	0,012	0,022	FALSE
0,031	0,315	0,001	0,012	0,040	FALSE
0,003	0,309	0,000	0,011	0,006	FALSE
-0,120	0,301	-0,005	0,011	0,196	FALSE
-0,088	0,292	-0,003	0,009	0,114	FALSE
0,061	0,322	0,003	0,012	0,109	FALSE
0,069	0,299	0,003	0,011	0,106	FALSE
0,023	0,322	0,001	0,008	0,024	FALSE
0,094	0,294	0,004	0,010	0,183	FALSE
-0,018	0,317	0,000	0,007	0,018	FALSE
-0,035	0,303	-0,001	0,007	0,051	FALSE
-0,035	0,322	-0,002	0,011	0,051	FALSE
0,050	0,306	0,002	0,012	0,075	FALSE
0,026	0,302	0,000	0,010	0,006	FALSE
0,063	0,310	0,001	0,007	0,047	FALSE
0,105	0,306	0,003	0,008	0,151	FALSE
-0,133	0,317	-0,003	0,008	0,185	FALSE
-0,066	0,313	-0,001	0,006	0,071	FALSE
0,032	0,304	0,002	0,012	0,075	FALSE
0,063	0,294	0,002	0,012	0,049	FALSE
-0,106	0,303	-0,003	0,008	0,151	FALSE
-0,080	0,303	-0,003	0,009	0,112	FALSE
-0,097	0,293	-0,003	0,008	0,130	FALSE
-0,105	0,296	-0,003	0,008	0,158	FALSE
0,070	0,320	0,001	0,006	0,088	FALSE
-0,077	0,307	-0,002	0,006	0,099	FALSE
0,007	0,310	0,000	0,008	0,017	FALSE
0,032	0,303	0,001	0,008	0,039	FALSE
-0,066	0,303	-0,001	0,006	0,088	FALSE
0,003	0,305	-0,001	0,012	0,017	FALSE
-0,109	0,296	-0,003	0,007	0,147	FALSE
0,042	0,302	0,002	0,013	0,048	FALSE
-0,068	0,309	-0,002	0,010	0,100	FALSE
-0,079	0,308	-0,003	0,009	0,127	FALSE
-0,075	0,307	-0,002	0,009	0,102	FALSE
-0,091	0,302	-0,002	0,007	0,117	FALSE
0,086	0,314	0,003	0,013	0,094	FALSE
0,069	0,310	0,002	0,008	0,078	FALSE
-0,007	0,311	-0,001	0,008	0,035	FALSE
-0,004	0,305	0,000	0,011	0,003	FALSE
0,071	0,293	0,002	0,008	0,103	FALSE

-0,063	0,321	-0,002	0,007	0,083	FALSE
0,047	0,299	0,001	0,008	0,070	FALSE
-0,032	0,306	-0,001	0,009	0,054	FALSE
-0,015	0,306	-0,001	0,009	0,030	FALSE
-0,166	0,301	-0,004	0,007	0,229	FALSE
-0,040	0,302	-0,001	0,007	0,081	FALSE
0,141	0,314	0,005	0,013	0,145	FALSE
-0,065	0,315	-0,002	0,012	0,063	FALSE
-0,062	0,310	-0,001	0,007	0,065	FALSE
-0,075	0,302	-0,002	0,011	0,082	FALSE
-0,083	0,307	-0,002	0,010	0,086	FALSE
0,001	0,299	0,000	0,007	0,005	FALSE
-0,076	0,286	-0,002	0,009	0,094	FALSE
-0,019	0,310	0,000	0,009	0,009	FALSE
-0,002	0,318	0,000	0,007	0,005	FALSE
0,045	0,302	0,001	0,007	0,077	FALSE
-0,010	0,309	-0,001	0,007	0,035	FALSE
-0,045	0,308	-0,001	0,011	0,039	FALSE
0,043	0,299	0,001	0,006	0,040	FALSE
0,006	0,317	0,000	0,007	0,005	FALSE
0,065	0,313	0,001	0,008	0,059	FALSE
-0,143	0,289	-0,006	0,012	0,225	FALSE
-0,069	0,305	-0,001	0,009	0,062	FALSE
-0,062	0,309	-0,001	0,009	0,047	FALSE
-0,056	0,297	-0,001	0,008	0,042	FALSE
-0,129	0,305	-0,004	0,010	0,148	FALSE
0,041	0,309	0,001	0,009	0,047	FALSE
0,011	0,312	0,001	0,007	0,046	FALSE
0,082	0,307	0,002	0,009	0,099	FALSE
0,132	0,305	0,004	0,009	0,182	FALSE
-0,097	0,307	-0,003	0,011	0,103	FALSE
0,143	0,297	0,005	0,009	0,237	FALSE
-0,009	0,318	0,000	0,013	0,005	FALSE
0,101	0,306	0,002	0,006	0,152	FALSE
0,076	0,307	0,002	0,008	0,113	FALSE
-0,005	0,309	0,001	0,010	0,028	FALSE
0,050	0,307	0,001	0,007	0,038	FALSE
0,048	0,302	0,001	0,008	0,043	FALSE
0,021	0,300	0,001	0,007	0,047	FALSE
-0,006	0,303	-0,001	0,008	0,033	FALSE
-0,169	0,300	-0,004	0,007	0,253	FALSE
0,013	0,301	0,001	0,008	0,040	FALSE
-0,087	0,299	-0,004	0,013	0,120	FALSE
-0,034	0,307	0,001	0,011	0,020	FALSE
-0,010	0,319	0,000	0,007	0,009	FALSE
0,062	0,305	0,001	0,007	0,072	FALSE
-0,062	0,301	-0,002	0,010	0,090	FALSE
-0,010	0,316	0,000	0,011	0,010	FALSE
-0,097	0,302	-0,004	0,010	0,141	FALSE
0,011	0,295	0,001	0,008	0,035	FALSE
-0,024	0,310	-0,001	0,007	0,038	FALSE
0,082	0,311	0,002	0,007	0,119	FALSE
-0,060	0,303	-0,002	0,011	0,072	FALSE

0,149	0,300	0,005	0,012	0,193	FALSE
0,006	0,303	0,000	0,007	0,003	FALSE
-0,003	0,309	-0,001	0,008	0,023	FALSE
-0,065	0,315	-0,002	0,008	0,084	FALSE
0,046	0,310	0,001	0,006	0,065	FALSE
0,013	0,313	0,001	0,008	0,047	FALSE
-0,057	0,309	-0,001	0,007	0,053	FALSE
0,006	0,308	0,000	0,011	0,007	FALSE
-0,010	0,298	-0,001	0,010	0,049	FALSE
-0,086	0,296	-0,002	0,012	0,063	FALSE
-0,078	0,323	-0,004	0,011	0,147	FALSE
-0,032	0,303	0,000	0,010	0,017	FALSE
-0,102	0,297	-0,005	0,011	0,181	FALSE
0,005	0,299	0,001	0,012	0,041	FALSE
0,077	0,299	0,002	0,012	0,073	FALSE
-0,039	0,297	-0,001	0,012	0,039	FALSE
-0,091	0,299	-0,003	0,012	0,085	FALSE
-0,021	0,294	-0,002	0,012	0,053	FALSE
0,070	0,302	0,002	0,009	0,076	FALSE
0,122	0,312	0,003	0,009	0,152	FALSE
-0,003	0,307	0,000	0,007	0,008	FALSE
-0,020	0,309	-0,001	0,013	0,026	FALSE
0,060	0,312	0,002	0,009	0,084	FALSE
-0,102	0,304	-0,002	0,006	0,119	FALSE
-0,105	0,306	-0,002	0,006	0,136	FALSE
-0,028	0,296	-0,001	0,008	0,041	FALSE
-0,105	0,309	-0,002	0,007	0,116	FALSE
-0,119	0,303	-0,002	0,006	0,155	FALSE
-0,089	0,291	-0,003	0,010	0,103	FALSE
-0,045	0,307	-0,001	0,006	0,084	FALSE
0,001	0,308	-0,001	0,011	0,021	FALSE
0,014	0,299	0,000	0,010	0,014	FALSE
0,040	0,311	0,001	0,012	0,022	FALSE
-0,037	0,295	-0,001	0,007	0,063	FALSE
-0,056	0,307	-0,002	0,008	0,091	FALSE
0,119	0,313	0,003	0,008	0,146	FALSE
-0,027	0,302	-0,001	0,008	0,036	FALSE
-0,072	0,312	-0,002	0,008	0,085	FALSE
0,094	0,317	0,004	0,013	0,140	FALSE
0,136	0,305	0,006	0,012	0,197	FALSE
-0,055	0,295	-0,002	0,010	0,058	FALSE
0,036	0,311	0,001	0,011	0,030	FALSE
-0,037	0,295	-0,001	0,008	0,052	FALSE
-0,027	0,309	-0,002	0,013	0,061	FALSE
-0,106	0,311	-0,002	0,007	0,105	FALSE
-0,022	0,306	0,000	0,009	0,009	FALSE
-0,171	0,300	-0,004	0,007	0,226	FALSE
0,159	0,280	0,004	0,008	0,253	FALSE
0,106	0,292	0,005	0,012	0,155	FALSE
-0,061	0,293	-0,001	0,008	0,050	FALSE
-0,060	0,301	-0,002	0,010	0,077	FALSE
0,067	0,302	0,003	0,012	0,088	FALSE
0,109	0,313	0,002	0,007	0,132	FALSE

0,052	0,308	0,001	0,008	0,028	FALSE
-0,036	0,308	-0,002	0,012	0,054	FALSE
-0,091	0,288	-0,002	0,008	0,091	FALSE
0,097	0,308	0,005	0,012	0,157	FALSE
0,140	0,313	0,003	0,008	0,161	FALSE
0,086	0,317	0,003	0,010	0,110	FALSE
0,023	0,305	0,001	0,009	0,030	FALSE
0,003	0,309	0,000	0,006	0,006	FALSE
-0,016	0,317	-0,001	0,011	0,020	FALSE
0,051	0,310	0,002	0,012	0,059	FALSE
0,024	0,309	0,001	0,012	0,023	FALSE
-0,035	0,303	-0,001	0,008	0,040	FALSE
0,037	0,297	0,001	0,008	0,024	FALSE
-0,041	0,291	-0,002	0,011	0,055	FALSE
0,009	0,306	0,001	0,013	0,015	FALSE
-0,093	0,297	-0,003	0,009	0,127	FALSE
0,040	0,315	0,001	0,006	0,050	FALSE
0,115	0,292	0,003	0,007	0,185	FALSE
0,078	0,306	0,002	0,013	0,073	FALSE
0,114	0,305	0,002	0,006	0,143	FALSE
0,239	0,288	0,009	0,010	0,384	FALSE
-0,072	0,310	-0,003	0,012	0,085	FALSE
0,170	0,298	0,006	0,009	0,262	FALSE
-0,010	0,291	0,000	0,008	0,015	FALSE
0,054	0,299	0,003	0,011	0,094	FALSE
0,014	0,294	0,001	0,011	0,036	FALSE
-0,122	0,298	-0,002	0,006	0,145	FALSE
-0,052	0,302	-0,003	0,012	0,085	FALSE
0,039	0,289	0,001	0,011	0,045	FALSE
-0,065	0,321	-0,003	0,010	0,098	FALSE
0,077	0,299	0,002	0,012	0,081	FALSE
0,155	0,304	0,005	0,010	0,207	FALSE
0,175	0,304	0,005	0,009	0,242	FALSE
-0,021	0,307	-0,001	0,012	0,030	FALSE
-0,037	0,312	-0,001	0,007	0,062	FALSE
-0,112	0,306	-0,003	0,007	0,159	FALSE
0,073	0,298	0,002	0,011	0,082	FALSE
-0,218	0,309	-0,006	0,009	0,319	FALSE
0,225	0,292	0,007	0,009	0,334	FALSE
-0,003	0,305	0,000	0,009	0,005	FALSE
-0,073	0,308	-0,002	0,007	0,091	FALSE
-0,071	0,300	-0,003	0,012	0,104	FALSE
-0,088	0,306	-0,003	0,010	0,105	FALSE
-0,030	0,295	-0,001	0,009	0,042	FALSE
0,069	0,306	0,002	0,011	0,063	FALSE
-0,119	0,314	-0,004	0,010	0,177	FALSE
0,187	0,285	0,005	0,007	0,343	FALSE
0,182	0,297	0,003	0,006	0,224	FALSE
-0,182	0,302	-0,007	0,011	0,292	FALSE
-0,012	0,310	0,000	0,011	0,015	FALSE
0,112	0,304	0,003	0,010	0,133	FALSE
0,075	0,319	0,002	0,007	0,096	FALSE
0,121	0,297	0,003	0,008	0,156	FALSE

0,069	0,289	0,001	0,008	0,051	FALSE
0,054	0,317	0,002	0,007	0,089	FALSE
0,045	0,288	0,001	0,006	0,067	FALSE
-0,010	0,308	0,000	0,008	0,013	FALSE
0,010	0,306	0,001	0,012	0,019	FALSE
0,034	0,291	0,001	0,006	0,053	FALSE
-0,044	0,301	-0,002	0,009	0,070	FALSE
0,100	0,293	0,002	0,008	0,098	FALSE
0,158	0,292	0,006	0,011	0,223	FALSE
0,188	0,294	0,007	0,011	0,246	FALSE
0,124	0,304	0,003	0,008	0,132	FALSE
0,021	0,317	0,000	0,007	0,003	FALSE
-0,047	0,303	-0,002	0,012	0,071	FALSE
0,087	0,313	0,003	0,010	0,106	FALSE
0,191	0,302	0,004	0,007	0,307	FALSE
0,219	0,279	0,007	0,009	0,374	FALSE
0,180	0,290	0,005	0,007	0,307	FALSE
0,074	0,304	0,002	0,007	0,098	FALSE
-0,125	0,311	-0,002	0,007	0,139	FALSE
0,053	0,300	0,002	0,012	0,061	FALSE
0,123	0,317	0,003	0,007	0,163	FALSE
0,025	0,314	0,002	0,012	0,063	FALSE
0,032	0,304	0,001	0,006	0,057	FALSE
0,093	0,300	0,002	0,008	0,093	FALSE
0,055	0,316	0,001	0,007	0,066	FALSE
0,057	0,310	0,002	0,012	0,057	FALSE
0,063	0,301	0,001	0,007	0,063	FALSE
0,109	0,289	0,003	0,010	0,129	FALSE
0,138	0,290	0,006	0,012	0,214	FALSE
0,018	0,311	0,001	0,008	0,024	FALSE
0,060	0,318	0,003	0,013	0,087	FALSE
0,062	0,293	0,002	0,007	0,087	FALSE
0,019	0,300	0,001	0,012	0,026	FALSE
-0,021	0,316	-0,001	0,013	0,015	FALSE
-0,106	0,301	-0,002	0,006	0,129	FALSE
-0,099	0,311	-0,003	0,009	0,111	FALSE
-0,008	0,315	0,000	0,007	0,008	FALSE
-0,128	0,320	-0,002	0,006	0,143	FALSE
-0,027	0,298	-0,001	0,007	0,033	FALSE
-0,007	0,307	0,000	0,009	0,019	FALSE
0,056	0,297	0,002	0,010	0,055	FALSE
-0,064	0,312	-0,003	0,012	0,084	FALSE
-0,034	0,317	-0,001	0,007	0,050	FALSE
-0,036	0,303	-0,001	0,006	0,040	FALSE
-0,061	0,318	-0,002	0,008	0,083	FALSE
-0,074	0,313	-0,003	0,013	0,100	FALSE
0,048	0,312	0,002	0,010	0,067	FALSE
0,057	0,309	0,003	0,012	0,096	FALSE
0,072	0,301	0,002	0,012	0,054	FALSE
-0,014	0,301	0,000	0,011	0,010	FALSE
0,001	0,315	0,000	0,006	0,011	FALSE
0,010	0,302	0,000	0,006	0,029	FALSE
0,019	0,317	0,001	0,011	0,041	FALSE

0,027	0,314	0,002	0,013	0,051	FALSE
0,018	0,304	0,001	0,012	0,025	FALSE
0,022	0,327	0,001	0,010	0,031	FALSE
-0,057	0,324	-0,001	0,007	0,061	FALSE
0,008	0,303	0,001	0,009	0,027	FALSE
-0,032	0,318	-0,001	0,008	0,032	FALSE
-0,058	0,298	-0,001	0,007	0,079	FALSE
-0,050	0,312	-0,001	0,007	0,062	FALSE
-0,041	0,300	-0,001	0,007	0,031	FALSE
0,083	0,302	0,004	0,012	0,118	FALSE
-0,009	0,305	-0,001	0,010	0,040	FALSE
0,035	0,308	0,002	0,010	0,079	FALSE
0,019	0,305	0,002	0,011	0,058	FALSE
-0,032	0,326	-0,001	0,010	0,042	FALSE
-0,038	0,312	-0,001	0,006	0,035	FALSE
0,041	0,315	0,001	0,009	0,041	FALSE
-0,174	0,315	-0,004	0,007	0,244	FALSE
0,012	0,318	0,001	0,011	0,029	FALSE
0,041	0,304	0,001	0,008	0,056	FALSE
-0,103	0,312	-0,003	0,012	0,107	FALSE
-0,121	0,312	-0,003	0,007	0,152	FALSE
-0,063	0,301	-0,002	0,007	0,081	FALSE
-0,067	0,298	-0,003	0,010	0,104	FALSE
0,039	0,295	0,003	0,011	0,093	FALSE
0,015	0,299	0,001	0,012	0,036	FALSE
-0,015	0,300	0,000	0,011	0,009	FALSE
-0,023	0,282	-0,001	0,011	0,030	FALSE
0,006	0,314	0,000	0,007	0,008	FALSE
0,021	0,293	0,000	0,008	0,015	FALSE
0,037	0,302	0,002	0,007	0,088	FALSE
0,088	0,306	0,003	0,012	0,109	FALSE
0,023	0,301	0,000	0,011	0,003	FALSE
-0,017	0,307	-0,001	0,007	0,048	FALSE
-0,113	0,301	-0,002	0,007	0,129	FALSE
0,022	0,303	0,000	0,006	0,012	FALSE
0,015	0,292	0,000	0,006	0,004	FALSE
0,026	0,303	0,000	0,008	0,010	FALSE
-0,039	0,292	-0,001	0,009	0,024	FALSE
-0,065	0,305	-0,001	0,007	0,048	FALSE
-0,041	0,296	0,000	0,007	0,007	FALSE
-0,043	0,303	0,000	0,008	0,013	FALSE
-0,045	0,292	0,000	0,007	0,018	FALSE
-0,082	0,306	-0,003	0,011	0,101	FALSE
-0,195	0,312	-0,005	0,008	0,273	FALSE
-0,169	0,298	-0,004	0,007	0,235	FALSE
0,058	0,301	0,003	0,010	0,118	FALSE
-0,114	0,297	-0,003	0,009	0,160	FALSE
0,067	0,311	0,003	0,011	0,092	FALSE
0,081	0,312	0,004	0,013	0,109	FALSE
0,064	0,313	0,003	0,011	0,093	FALSE
-0,043	0,299	-0,001	0,009	0,058	FALSE
-0,018	0,309	-0,001	0,010	0,037	FALSE
0,006	0,301	0,000	0,010	0,004	FALSE

0,050	0,318	0,001	0,010	0,042	FALSE
0,022	0,314	0,001	0,010	0,019	FALSE
0,054	0,310	0,002	0,011	0,055	FALSE
-0,030	0,296	-0,001	0,009	0,037	FALSE
0,005	0,307	0,000	0,009	0,009	FALSE
-0,019	0,311	-0,001	0,009	0,027	FALSE
0,071	0,301	0,003	0,013	0,108	FALSE
0,049	0,302	0,002	0,010	0,072	FALSE
-0,011	0,312	0,000	0,012	0,011	FALSE
0,079	0,314	0,002	0,011	0,064	FALSE
-0,121	0,309	-0,003	0,010	0,141	FALSE
0,039	0,307	0,001	0,008	0,034	FALSE
-0,047	0,299	-0,001	0,009	0,021	FALSE
-0,002	0,308	0,001	0,013	0,024	FALSE
-0,075	0,309	-0,002	0,008	0,100	FALSE
0,061	0,303	0,002	0,010	0,076	FALSE
0,092	0,315	0,003	0,012	0,102	FALSE
-0,078	0,310	-0,003	0,008	0,131	FALSE
-0,065	0,318	-0,002	0,009	0,078	FALSE
-0,043	0,302	-0,001	0,009	0,052	FALSE
0,030	0,332	0,001	0,013	0,020	FALSE
0,073	0,300	0,001	0,009	0,058	FALSE
0,003	0,313	0,000	0,009	0,004	FALSE
-0,090	0,297	-0,005	0,012	0,156	FALSE
-0,040	0,310	-0,001	0,010	0,042	FALSE
-0,055	0,301	-0,003	0,012	0,079	FALSE
0,043	0,314	0,001	0,011	0,041	FALSE
0,068	0,316	0,002	0,011	0,077	FALSE
0,005	0,302	0,000	0,006	0,002	FALSE
0,014	0,303	0,000	0,008	0,009	FALSE
0,000	0,291	-0,001	0,007	0,027	FALSE
0,169	0,301	0,005	0,009	0,223	FALSE
-0,029	0,318	-0,001	0,009	0,019	FALSE
-0,001	0,314	-0,001	0,010	0,024	FALSE
0,077	0,297	0,002	0,008	0,107	FALSE
0,081	0,293	0,002	0,008	0,101	FALSE
-0,103	0,299	-0,002	0,007	0,099	FALSE
0,103	0,312	0,003	0,008	0,131	FALSE
0,072	0,307	0,002	0,006	0,098	FALSE
0,079	0,305	0,001	0,007	0,054	FALSE
-0,083	0,311	-0,002	0,009	0,101	FALSE
0,180	0,308	0,008	0,013	0,272	FALSE
0,091	0,299	0,003	0,010	0,128	FALSE
-0,005	0,313	0,000	0,008	0,011	FALSE
-0,173	0,301	-0,005	0,007	0,282	FALSE
0,135	0,317	0,003	0,008	0,159	FALSE
0,083	0,313	0,002	0,007	0,098	FALSE
-0,011	0,305	-0,001	0,012	0,024	FALSE
0,077	0,335	0,002	0,009	0,086	FALSE
0,073	0,318	0,002	0,007	0,083	FALSE
0,053	0,321	0,001	0,009	0,045	FALSE
0,032	0,306	0,001	0,012	0,023	FALSE
-0,013	0,317	-0,001	0,012	0,023	FALSE

0,068	0,302	0,001	0,007	0,068	FALSE
0,034	0,320	0,001	0,008	0,024	FALSE
-0,022	0,307	-0,001	0,008	0,049	FALSE
-0,014	0,317	-0,001	0,008	0,046	FALSE
0,023	0,299	0,000	0,013	0,008	FALSE
0,139	0,283	0,003	0,009	0,162	FALSE
0,145	0,292	0,004	0,009	0,168	FALSE
0,147	0,276	0,004	0,009	0,160	FALSE
-0,111	0,305	-0,002	0,006	0,142	FALSE
0,140	0,283	0,004	0,010	0,150	FALSE
-0,025	0,309	-0,001	0,008	0,040	FALSE
-0,005	0,312	0,000	0,010	0,011	FALSE
0,024	0,314	0,001	0,009	0,028	FALSE
0,039	0,303	0,000	0,007	0,019	FALSE
-0,036	0,313	-0,001	0,012	0,043	FALSE
0,036	0,305	0,001	0,006	0,064	FALSE
-0,155	0,300	-0,007	0,012	0,253	FALSE
0,080	0,304	0,003	0,009	0,124	FALSE
-0,051	0,320	-0,002	0,011	0,069	FALSE
-0,076	0,304	-0,002	0,007	0,119	FALSE
-0,101	0,301	-0,004	0,008	0,179	FALSE
-0,024	0,306	0,000	0,009	0,005	FALSE
-0,056	0,311	-0,001	0,008	0,042	FALSE
0,032	0,308	0,002	0,012	0,053	FALSE
0,052	0,303	0,003	0,011	0,099	FALSE
-0,072	0,304	-0,001	0,008	0,047	FALSE
-0,041	0,298	-0,001	0,006	0,068	FALSE
-0,038	0,305	-0,002	0,008	0,085	FALSE
0,055	0,327	0,002	0,011	0,071	FALSE
0,094	0,302	0,002	0,007	0,117	FALSE
-0,036	0,308	-0,002	0,013	0,049	FALSE
-0,145	0,298	-0,006	0,010	0,225	FALSE
0,084	0,301	0,002	0,008	0,104	FALSE
-0,019	0,301	-0,002	0,012	0,050	FALSE
0,019	0,295	0,001	0,008	0,030	FALSE
0,061	0,309	0,002	0,008	0,096	FALSE
0,063	0,289	0,002	0,009	0,087	FALSE
-0,049	0,306	-0,003	0,012	0,088	FALSE
-0,022	0,318	-0,002	0,012	0,045	FALSE
-0,019	0,298	0,001	0,010	0,026	FALSE
0,000	0,316	-0,001	0,012	0,028	FALSE
0,155	0,304	0,006	0,010	0,240	FALSE
-0,123	0,297	-0,005	0,011	0,191	FALSE
0,084	0,311	0,002	0,007	0,098	FALSE
0,110	0,308	0,003	0,008	0,138	FALSE
0,073	0,289	0,003	0,012	0,098	FALSE
0,053	0,307	0,002	0,009	0,088	FALSE
0,125	0,307	0,004	0,010	0,166	FALSE
-0,012	0,305	0,000	0,008	0,007	FALSE
-0,009	0,308	0,000	0,008	0,008	FALSE
-0,069	0,317	-0,002	0,008	0,103	FALSE
0,114	0,308	0,003	0,008	0,164	FALSE
0,099	0,299	0,002	0,008	0,113	FALSE

-0,142	0,300	-0,005	0,009	0,226	FALSE
0,066	0,303	0,002	0,010	0,092	FALSE
0,116	0,299	0,003	0,007	0,199	FALSE
0,122	0,316	0,004	0,007	0,201	FALSE
-0,137	0,287	-0,006	0,011	0,216	FALSE
0,079	0,303	0,002	0,007	0,100	FALSE
0,082	0,309	0,003	0,013	0,094	FALSE
0,096	0,302	0,004	0,012	0,116	FALSE
0,071	0,318	0,003	0,013	0,094	FALSE
0,027	0,315	0,000	0,008	0,000	FALSE
0,036	0,308	0,002	0,010	0,059	FALSE
-0,169	0,302	-0,005	0,009	0,220	FALSE
0,029	0,315	0,000	0,010	0,012	FALSE
0,218	0,290	0,005	0,007	0,312	FALSE
-0,068	0,307	-0,003	0,010	0,123	FALSE
0,042	0,316	0,002	0,013	0,061	FALSE
-0,043	0,306	-0,001	0,010	0,028	FALSE
-0,035	0,302	-0,002	0,008	0,071	FALSE
-0,031	0,315	-0,001	0,007	0,059	FALSE
-0,065	0,304	-0,001	0,006	0,061	FALSE
0,142	0,296	0,006	0,011	0,223	FALSE
-0,153	0,290	-0,003	0,007	0,209	FALSE
-0,081	0,296	-0,002	0,009	0,102	FALSE
-0,005	0,308	-0,001	0,013	0,029	FALSE
0,132	0,288	0,003	0,007	0,205	FALSE
0,124	0,303	0,003	0,007	0,190	FALSE
0,109	0,295	0,002	0,007	0,152	FALSE
0,048	0,311	0,002	0,009	0,083	FALSE
-0,014	0,317	-0,001	0,013	0,020	FALSE
-0,091	0,314	-0,002	0,006	0,110	FALSE
-0,056	0,302	-0,002	0,010	0,066	FALSE
0,089	0,308	0,003	0,011	0,100	FALSE
0,022	0,304	0,000	0,008	0,004	FALSE
-0,037	0,315	-0,001	0,008	0,045	FALSE
0,055	0,299	0,002	0,007	0,092	FALSE
0,020	0,318	0,000	0,006	0,006	FALSE
-0,046	0,307	-0,001	0,008	0,049	FALSE
-0,028	0,304	-0,001	0,006	0,063	FALSE
0,031	0,321	0,001	0,006	0,065	FALSE
0,091	0,289	0,002	0,009	0,090	FALSE
-0,047	0,298	-0,001	0,008	0,066	FALSE
0,087	0,298	0,005	0,012	0,157	FALSE
0,086	0,292	0,003	0,008	0,138	FALSE
0,029	0,318	0,001	0,009	0,024	FALSE
0,088	0,301	0,004	0,012	0,150	FALSE
-0,002	0,290	0,001	0,010	0,024	FALSE
0,065	0,289	0,002	0,010	0,095	FALSE
-0,110	0,309	-0,004	0,012	0,143	FALSE
-0,046	0,318	-0,001	0,011	0,045	FALSE
-0,081	0,292	-0,002	0,007	0,093	FALSE
-0,011	0,321	0,000	0,008	0,007	FALSE
-0,020	0,295	0,000	0,007	0,022	FALSE
-0,058	0,317	-0,002	0,009	0,092	FALSE

-0,027	0,301	-0,001	0,008	0,036	FALSE
-0,085	0,305	-0,002	0,008	0,107	FALSE
-0,003	0,305	0,000	0,006	0,012	FALSE
0,073	0,314	0,003	0,011	0,104	FALSE
0,070	0,315	0,002	0,013	0,072	FALSE
0,057	0,292	0,002	0,012	0,051	FALSE
-0,049	0,297	-0,002	0,009	0,085	FALSE
-0,166	0,313	-0,004	0,007	0,227	FALSE
-0,077	0,315	-0,002	0,007	0,122	FALSE
-0,023	0,316	0,000	0,011	0,010	FALSE
-0,078	0,305	-0,004	0,012	0,111	FALSE
-0,042	0,306	-0,001	0,007	0,077	FALSE
-0,123	0,302	-0,002	0,007	0,130	FALSE
0,086	0,305	0,003	0,011	0,110	FALSE
0,085	0,308	0,003	0,012	0,114	FALSE
0,067	0,312	0,003	0,012	0,077	FALSE
0,050	0,309	0,002	0,011	0,078	FALSE
0,140	0,310	0,003	0,007	0,183	FALSE
0,104	0,307	0,003	0,009	0,139	FALSE
0,171	0,292	0,004	0,007	0,259	FALSE
-0,081	0,311	-0,003	0,011	0,107	FALSE
-0,024	0,305	0,000	0,007	0,021	FALSE
-0,001	0,313	0,000	0,009	0,015	FALSE
0,019	0,309	0,000	0,008	0,004	FALSE
-0,020	0,324	-0,001	0,009	0,024	FALSE
0,009	0,315	0,000	0,011	0,006	FALSE
-0,070	0,297	-0,002	0,008	0,115	FALSE
0,021	0,324	0,001	0,009	0,029	FALSE
0,094	0,315	0,002	0,008	0,116	FALSE
0,000	0,322	0,001	0,009	0,027	FALSE
-0,126	0,286	-0,006	0,013	0,180	FALSE
-0,079	0,292	-0,003	0,011	0,119	FALSE
-0,089	0,309	-0,002	0,006	0,122	FALSE
-0,040	0,305	-0,002	0,012	0,044	FALSE
0,041	0,302	0,002	0,011	0,072	FALSE
-0,140	0,300	-0,004	0,008	0,176	FALSE
0,066	0,308	0,003	0,011	0,112	FALSE
0,011	0,309	0,001	0,011	0,016	FALSE
-0,018	0,301	0,000	0,013	0,001	FALSE
-0,145	0,301	-0,004	0,008	0,215	FALSE
0,044	0,297	0,001	0,011	0,045	FALSE
0,122	0,318	0,004	0,010	0,168	FALSE
-0,029	0,304	0,000	0,010	0,016	FALSE
-0,021	0,309	-0,001	0,010	0,028	FALSE
-0,132	0,321	-0,005	0,010	0,196	FALSE
-0,044	0,294	-0,002	0,009	0,071	FALSE
-0,010	0,324	-0,001	0,011	0,030	FALSE
-0,105	0,327	-0,003	0,009	0,151	FALSE
-0,027	0,314	-0,001	0,011	0,044	FALSE
0,022	0,294	0,001	0,007	0,051	FALSE
0,054	0,305	0,001	0,007	0,029	FALSE
0,045	0,297	0,001	0,006	0,076	FALSE
-0,136	0,301	-0,003	0,007	0,178	FALSE

0,138	0,301	0,004	0,010	0,164	FALSE
-0,066	0,301	-0,001	0,008	0,062	FALSE
-0,150	0,307	-0,005	0,010	0,194	FALSE
0,059	0,302	0,001	0,009	0,051	FALSE
0,074	0,300	0,002	0,011	0,079	FALSE
-0,078	0,301	-0,002	0,010	0,070	FALSE
0,023	0,312	0,001	0,008	0,023	FALSE
-0,092	0,295	-0,002	0,006	0,116	FALSE
-0,048	0,312	-0,001	0,008	0,038	FALSE
-0,055	0,303	-0,002	0,008	0,071	FALSE
0,244	0,280	0,011	0,012	0,444	FALSE
0,176	0,303	0,008	0,013	0,274	FALSE
0,130	0,294	0,006	0,011	0,212	FALSE
-0,108	0,305	-0,005	0,012	0,163	FALSE
0,130	0,296	0,006	0,012	0,205	FALSE
0,098	0,296	0,003	0,011	0,110	FALSE
-0,064	0,292	-0,001	0,010	0,052	FALSE
0,030	0,303	0,001	0,006	0,036	FALSE
-0,011	0,313	0,000	0,009	0,018	FALSE
0,074	0,311	0,002	0,007	0,109	FALSE
0,194	0,310	0,006	0,009	0,276	FALSE
0,160	0,297	0,006	0,012	0,203	FALSE
0,133	0,304	0,004	0,008	0,202	FALSE
-0,119	0,302	-0,004	0,011	0,163	FALSE
-0,029	0,310	-0,001	0,011	0,022	FALSE
-0,045	0,302	-0,002	0,011	0,052	FALSE
0,009	0,301	0,001	0,009	0,049	FALSE
0,098	0,307	0,004	0,012	0,115	FALSE
0,010	0,309	0,000	0,008	0,008	FALSE
0,002	0,301	-0,001	0,012	0,017	FALSE
-0,048	0,302	-0,002	0,012	0,072	FALSE
-0,037	0,290	-0,002	0,011	0,079	FALSE
-0,016	0,288	-0,001	0,011	0,026	FALSE
-0,042	0,304	-0,002	0,012	0,064	FALSE
-0,047	0,313	-0,002	0,012	0,063	FALSE
-0,033	0,291	-0,002	0,011	0,077	FALSE
-0,020	0,312	0,000	0,007	0,013	FALSE
-0,082	0,303	-0,002	0,009	0,108	FALSE
-0,019	0,294	0,000	0,012	0,001	FALSE
-0,044	0,320	-0,002	0,012	0,046	FALSE
-0,030	0,312	-0,001	0,012	0,031	FALSE
0,033	0,303	0,001	0,009	0,029	FALSE
-0,016	0,315	-0,001	0,012	0,031	FALSE
-0,034	0,307	-0,002	0,012	0,069	FALSE
-0,046	0,317	-0,003	0,012	0,077	FALSE
-0,141	0,297	-0,003	0,006	0,177	FALSE
0,147	0,289	0,004	0,009	0,207	FALSE
-0,093	0,278	-0,002	0,006	0,111	FALSE
0,003	0,309	0,000	0,010	0,004	FALSE
0,067	0,305	0,002	0,007	0,083	FALSE
0,051	0,308	0,002	0,012	0,054	FALSE
0,054	0,316	0,002	0,009	0,072	FALSE
0,081	0,310	0,003	0,010	0,110	FALSE

0,097	0,300	0,003	0,009	0,126	FALSE
0,130	0,308	0,004	0,008	0,192	FALSE
-0,117	0,299	-0,004	0,011	0,152	FALSE
-0,111	0,295	-0,004	0,008	0,176	FALSE
-0,100	0,307	-0,004	0,011	0,129	FALSE
-0,033	0,306	-0,001	0,008	0,060	FALSE
-0,005	0,316	0,000	0,010	0,008	FALSE
-0,060	0,303	-0,002	0,009	0,066	FALSE
0,063	0,317	0,002	0,011	0,075	FALSE
0,038	0,303	0,001	0,008	0,034	FALSE
0,002	0,297	0,001	0,010	0,032	FALSE
0,045	0,302	0,001	0,006	0,041	FALSE
0,035	0,323	0,001	0,011	0,020	FALSE
0,173	0,296	0,007	0,011	0,284	FALSE
0,144	0,305	0,006	0,012	0,223	FALSE
0,192	0,296	0,008	0,012	0,279	FALSE
-0,064	0,318	-0,002	0,010	0,068	FALSE
0,038	0,320	0,001	0,012	0,041	FALSE
0,037	0,301	0,001	0,008	0,026	FALSE
0,085	0,306	0,002	0,006	0,099	FALSE
0,032	0,302	0,001	0,011	0,020	FALSE
-0,052	0,302	-0,001	0,008	0,044	FALSE
-0,004	0,301	0,000	0,009	0,005	FALSE
0,045	0,303	0,001	0,007	0,048	FALSE
0,029	0,316	0,001	0,011	0,040	FALSE
0,102	0,301	0,003	0,011	0,100	FALSE
-0,155	0,295	-0,004	0,008	0,205	FALSE
0,053	0,301	0,002	0,012	0,058	FALSE
-0,009	0,298	-0,001	0,008	0,031	FALSE
0,097	0,311	0,003	0,013	0,084	FALSE
-0,083	0,309	-0,002	0,007	0,123	FALSE
0,043	0,312	0,002	0,013	0,070	FALSE
0,020	0,315	0,000	0,008	0,017	FALSE
0,002	0,312	0,000	0,008	0,000	FALSE
-0,012	0,312	0,000	0,007	0,022	FALSE
-0,022	0,306	0,000	0,006	0,003	FALSE
-0,003	0,295	0,000	0,008	0,014	FALSE
-0,128	0,314	-0,003	0,007	0,174	FALSE
0,095	0,301	0,003	0,011	0,110	FALSE
-0,026	0,296	-0,002	0,012	0,061	FALSE
-0,064	0,304	-0,001	0,007	0,082	FALSE
0,070	0,307	0,002	0,007	0,106	FALSE
0,099	0,302	0,003	0,010	0,125	FALSE
0,219	0,296	0,008	0,010	0,371	FALSE
-0,031	0,294	-0,002	0,012	0,057	FALSE
0,173	0,291	0,006	0,009	0,267	FALSE
-0,031	0,324	0,000	0,008	0,016	FALSE
0,108	0,321	0,003	0,009	0,142	FALSE
-0,056	0,295	-0,001	0,007	0,043	FALSE
-0,035	0,304	-0,002	0,012	0,068	FALSE
0,042	0,296	0,002	0,011	0,066	FALSE
-0,092	0,314	-0,002	0,008	0,111	FALSE
-0,082	0,295	-0,004	0,011	0,140	FALSE

0,066	0,315	0,001	0,006	0,049	FALSE
-0,042	0,306	-0,001	0,007	0,037	FALSE
0,015	0,293	0,001	0,009	0,060	FALSE
0,052	0,303	0,002	0,007	0,089	FALSE
-0,013	0,304	0,000	0,007	0,002	FALSE
0,070	0,303	0,002	0,007	0,120	FALSE
0,123	0,300	0,005	0,008	0,266	FALSE
0,062	0,306	0,002	0,009	0,107	FALSE
-0,141	0,306	-0,005	0,009	0,224	FALSE
0,039	0,321	0,001	0,009	0,052	FALSE
0,091	0,313	0,003	0,008	0,168	FALSE
0,099	0,303	0,003	0,008	0,127	FALSE
-0,028	0,308	-0,001	0,007	0,033	FALSE
-0,024	0,306	-0,001	0,007	0,024	FALSE
-0,044	0,308	-0,001	0,008	0,031	FALSE
0,083	0,298	0,003	0,011	0,101	FALSE
-0,100	0,299	-0,002	0,007	0,122	FALSE
-0,061	0,300	-0,001	0,007	0,043	FALSE
-0,011	0,304	0,000	0,007	0,003	FALSE
0,025	0,318	0,000	0,007	0,018	FALSE
-0,009	0,326	0,000	0,013	0,005	FALSE
-0,039	0,301	0,000	0,013	0,008	FALSE
-0,035	0,316	-0,001	0,009	0,035	FALSE
-0,092	0,317	-0,002	0,007	0,114	FALSE
-0,076	0,295	-0,002	0,011	0,064	FALSE
0,124	0,300	0,004	0,011	0,136	FALSE
-0,056	0,314	-0,002	0,012	0,074	FALSE
0,014	0,303	0,001	0,006	0,033	FALSE
0,078	0,310	0,003	0,008	0,137	FALSE
-0,122	0,302	-0,003	0,008	0,164	FALSE
-0,038	0,312	-0,002	0,013	0,057	FALSE
0,060	0,304	0,002	0,008	0,082	FALSE
-0,010	0,297	0,000	0,011	0,013	FALSE
0,005	0,309	0,001	0,010	0,019	FALSE
0,012	0,314	0,001	0,011	0,029	FALSE
-0,072	0,312	-0,003	0,013	0,098	FALSE
-0,089	0,299	-0,004	0,010	0,150	FALSE
0,122	0,307	0,005	0,012	0,181	FALSE
-0,055	0,303	-0,002	0,009	0,104	FALSE
-0,056	0,302	-0,002	0,009	0,097	FALSE
0,065	0,306	0,003	0,011	0,097	FALSE
-0,103	0,315	-0,003	0,009	0,144	FALSE
-0,132	0,292	-0,004	0,010	0,179	FALSE
-0,059	0,310	-0,002	0,012	0,072	FALSE
-0,054	0,308	-0,001	0,008	0,053	FALSE
-0,084	0,322	-0,003	0,010	0,113	FALSE
-0,064	0,310	-0,002	0,012	0,074	FALSE
-0,014	0,304	-0,001	0,012	0,023	FALSE
-0,001	0,317	-0,001	0,013	0,020	FALSE
-0,039	0,310	-0,002	0,012	0,069	FALSE
0,116	0,291	0,003	0,006	0,174	FALSE
0,010	0,305	0,000	0,007	0,008	FALSE
-0,024	0,314	-0,001	0,011	0,048	FALSE

0,025	0,307	0,001	0,010	0,027	FALSE
0,093	0,301	0,003	0,009	0,121	FALSE
-0,002	0,306	0,000	0,008	0,019	FALSE
0,117	0,306	0,002	0,007	0,149	FALSE
-0,112	0,311	-0,003	0,008	0,145	FALSE
-0,083	0,298	-0,002	0,007	0,123	FALSE
-0,003	0,313	-0,001	0,009	0,033	FALSE
-0,022	0,303	-0,001	0,011	0,018	FALSE
0,031	0,296	0,001	0,007	0,028	FALSE
-0,131	0,310	-0,005	0,013	0,158	FALSE
-0,007	0,316	0,000	0,009	0,005	FALSE
-0,003	0,305	0,000	0,009	0,000	FALSE
0,036	0,310	0,002	0,012	0,070	FALSE
-0,047	0,324	-0,001	0,007	0,065	FALSE
-0,019	0,325	-0,001	0,007	0,037	FALSE
-0,015	0,314	0,000	0,009	0,011	FALSE
-0,014	0,318	0,000	0,009	0,002	FALSE
-0,005	0,305	0,000	0,007	0,012	FALSE
0,010	0,300	0,000	0,008	0,001	FALSE
-0,005	0,308	-0,001	0,006	0,030	FALSE
0,047	0,304	0,002	0,012	0,071	FALSE
-0,101	0,281	-0,003	0,008	0,156	FALSE
-0,092	0,288	-0,003	0,008	0,129	FALSE
-0,078	0,304	-0,001	0,006	0,079	FALSE
-0,009	0,291	0,000	0,012	0,006	FALSE
-0,044	0,306	-0,001	0,012	0,043	FALSE
-0,081	0,299	-0,003	0,011	0,088	FALSE
-0,117	0,300	-0,005	0,012	0,159	FALSE
0,029	0,296	0,001	0,007	0,037	FALSE
-0,016	0,301	-0,001	0,008	0,025	FALSE
0,016	0,302	0,001	0,013	0,034	FALSE
0,007	0,324	0,000	0,009	0,016	FALSE
-0,095	0,311	-0,002	0,007	0,106	FALSE
-0,056	0,296	-0,002	0,011	0,066	FALSE
-0,056	0,294	-0,001	0,006	0,073	FALSE
-0,027	0,310	-0,001	0,006	0,040	FALSE
-0,034	0,309	-0,001	0,013	0,032	FALSE
0,032	0,304	0,000	0,013	0,004	FALSE
0,081	0,316	0,002	0,012	0,066	FALSE
-0,102	0,311	-0,003	0,011	0,117	FALSE
-0,072	0,309	-0,002	0,013	0,069	FALSE
0,026	0,310	0,001	0,007	0,040	FALSE
-0,024	0,305	-0,001	0,009	0,058	FALSE
-0,045	0,304	-0,002	0,011	0,075	FALSE
-0,035	0,308	-0,001	0,008	0,046	FALSE
0,068	0,310	0,003	0,010	0,096	FALSE
0,038	0,318	0,001	0,007	0,038	FALSE
-0,052	0,329	-0,002	0,008	0,095	FALSE
-0,120	0,293	-0,004	0,009	0,166	FALSE
-0,067	0,311	-0,002	0,009	0,096	FALSE
-0,085	0,307	-0,002	0,007	0,113	FALSE
0,011	0,289	0,001	0,007	0,027	FALSE
0,085	0,298	0,004	0,011	0,144	FALSE

0,037	0,296	0,000	0,009	0,010	FALSE
-0,038	0,296	-0,001	0,009	0,026	FALSE
-0,129	0,298	-0,004	0,011	0,157	FALSE
-0,190	0,295	-0,007	0,011	0,290	FALSE
-0,132	0,297	-0,005	0,011	0,176	FALSE
0,032	0,307	0,001	0,012	0,023	FALSE
-0,046	0,316	-0,001	0,009	0,056	FALSE
-0,086	0,301	-0,002	0,009	0,108	FALSE
0,062	0,315	0,001	0,010	0,042	FALSE
0,077	0,309	0,003	0,011	0,104	FALSE
-0,150	0,284	-0,005	0,012	0,193	FALSE
-0,128	0,309	-0,004	0,012	0,141	FALSE
0,052	0,313	0,002	0,009	0,072	FALSE
0,176	0,293	0,005	0,008	0,258	FALSE
0,062	0,318	0,002	0,013	0,074	FALSE
0,025	0,307	0,000	0,010	0,016	FALSE
0,021	0,290	0,000	0,009	0,004	FALSE
-0,005	0,299	-0,001	0,012	0,018	FALSE
0,108	0,302	0,004	0,009	0,167	FALSE
-0,070	0,298	-0,002	0,011	0,071	FALSE
0,016	0,295	0,001	0,011	0,023	FALSE
-0,046	0,320	-0,001	0,009	0,029	FALSE
0,099	0,312	0,004	0,011	0,139	FALSE
0,000	0,314	0,000	0,008	0,009	FALSE
-0,128	0,307	-0,003	0,007	0,153	FALSE
-0,029	0,311	-0,001	0,006	0,049	FALSE
0,028	0,302	0,001	0,008	0,035	FALSE
0,140	0,311	0,005	0,011	0,197	FALSE
0,018	0,315	0,001	0,012	0,025	FALSE
0,033	0,332	0,001	0,013	0,039	FALSE
-0,015	0,312	0,000	0,007	0,001	FALSE
0,044	0,292	0,001	0,008	0,060	FALSE
0,059	0,300	0,002	0,008	0,073	FALSE
0,070	0,296	0,002	0,008	0,085	FALSE
0,055	0,299	0,001	0,008	0,055	FALSE
0,021	0,299	0,000	0,010	0,007	FALSE
0,092	0,320	0,003	0,010	0,125	FALSE
-0,040	0,320	-0,001	0,010	0,052	FALSE
0,035	0,297	0,002	0,012	0,044	FALSE
0,033	0,314	0,001	0,010	0,045	FALSE
-0,091	0,314	-0,002	0,007	0,105	FALSE
0,126	0,298	0,002	0,007	0,110	FALSE
-0,136	0,286	-0,006	0,011	0,224	FALSE
0,045	0,306	0,001	0,009	0,052	FALSE
-0,076	0,283	-0,004	0,012	0,123	FALSE
0,059	0,303	0,001	0,006	0,075	FALSE
0,039	0,314	0,001	0,011	0,033	FALSE
0,018	0,314	0,001	0,009	0,027	FALSE
-0,016	0,315	-0,002	0,013	0,052	FALSE
0,044	0,314	0,003	0,011	0,108	FALSE
-0,167	0,301	-0,004	0,007	0,242	FALSE
-0,035	0,325	-0,001	0,011	0,049	FALSE
-0,119	0,316	-0,003	0,008	0,156	FALSE

-0,028	0,296	-0,001	0,006	0,037	FALSE
-0,060	0,304	-0,002	0,008	0,098	FALSE
0,068	0,321	0,002	0,008	0,085	FALSE
-0,034	0,304	-0,001	0,009	0,043	FALSE
-0,011	0,313	-0,001	0,008	0,037	FALSE
0,088	0,307	0,004	0,012	0,128	FALSE
0,024	0,302	0,000	0,012	0,001	FALSE
-0,029	0,292	-0,001	0,007	0,028	FALSE
0,091	0,302	0,003	0,008	0,133	FALSE
-0,083	0,301	-0,003	0,012	0,105	FALSE
0,041	0,303	0,001	0,008	0,035	FALSE
-0,038	0,303	-0,001	0,007	0,061	FALSE
0,031	0,311	0,001	0,012	0,020	FALSE
-0,022	0,299	-0,001	0,011	0,030	FALSE
-0,040	0,309	-0,001	0,009	0,053	FALSE
0,062	0,299	0,001	0,007	0,078	FALSE
0,058	0,318	0,001	0,007	0,077	FALSE
-0,006	0,319	-0,001	0,009	0,041	FALSE
-0,022	0,300	0,000	0,009	0,018	FALSE
0,153	0,305	0,006	0,012	0,221	FALSE
-0,049	0,319	-0,001	0,007	0,029	FALSE
0,027	0,313	0,001	0,007	0,049	FALSE
-0,029	0,306	0,000	0,012	0,011	FALSE
0,020	0,297	0,001	0,007	0,036	FALSE
0,022	0,312	0,001	0,009	0,060	FALSE
-0,008	0,318	0,000	0,012	0,000	FALSE
-0,020	0,302	0,000	0,009	0,012	FALSE
0,087	0,313	0,002	0,008	0,074	FALSE
-0,028	0,305	-0,002	0,013	0,073	FALSE
0,074	0,309	0,004	0,012	0,117	FALSE
0,077	0,304	0,002	0,007	0,112	FALSE
0,027	0,302	0,001	0,011	0,049	FALSE
-0,051	0,307	-0,001	0,009	0,044	FALSE
-0,036	0,309	-0,001	0,010	0,044	FALSE
-0,078	0,308	-0,003	0,011	0,091	FALSE
0,016	0,314	0,000	0,011	0,016	FALSE
0,038	0,300	0,002	0,012	0,070	FALSE
-0,021	0,304	-0,001	0,011	0,048	FALSE
0,097	0,314	0,004	0,011	0,131	FALSE
0,016	0,304	0,001	0,011	0,029	FALSE
0,041	0,309	0,001	0,010	0,042	FALSE
0,015	0,302	0,001	0,009	0,048	FALSE
-0,031	0,318	-0,001	0,010	0,025	FALSE
0,033	0,294	0,001	0,012	0,038	FALSE
-0,002	0,318	0,000	0,013	0,007	FALSE
0,013	0,314	0,000	0,008	0,012	FALSE
0,136	0,312	0,004	0,008	0,175	FALSE
0,141	0,303	0,004	0,009	0,199	FALSE
0,072	0,301	0,002	0,011	0,061	FALSE
0,167	0,311	0,006	0,011	0,223	FALSE
0,055	0,312	0,001	0,007	0,076	FALSE
0,019	0,316	0,001	0,007	0,036	FALSE
-0,146	0,289	-0,003	0,007	0,180	FALSE

-0,025	0,314	-0,001	0,013	0,031	FALSE
-0,102	0,294	-0,005	0,013	0,152	FALSE
-0,007	0,301	0,000	0,009	0,006	FALSE
-0,038	0,320	-0,001	0,008	0,033	FALSE
-0,012	0,310	0,000	0,009	0,007	FALSE
-0,158	0,305	-0,006	0,011	0,236	FALSE
0,087	0,299	0,004	0,013	0,117	FALSE
0,039	0,306	0,002	0,013	0,049	FALSE
0,029	0,302	0,002	0,012	0,059	FALSE
0,068	0,305	0,003	0,013	0,080	FALSE
-0,001	0,307	0,000	0,012	0,002	FALSE
0,071	0,315	0,002	0,006	0,097	FALSE
-0,013	0,317	-0,001	0,008	0,033	FALSE
0,062	0,286	0,002	0,007	0,083	FALSE
0,126	0,306	0,006	0,012	0,199	FALSE
0,023	0,303	-0,001	0,006	0,033	FALSE
-0,063	0,311	-0,002	0,010	0,073	FALSE
0,013	0,309	0,000	0,007	0,001	FALSE
0,012	0,309	0,000	0,007	0,005	FALSE
0,018	0,322	0,000	0,008	0,001	FALSE
-0,029	0,293	-0,001	0,008	0,035	FALSE
-0,021	0,312	0,000	0,007	0,013	FALSE
-0,077	0,304	-0,002	0,010	0,079	FALSE
0,056	0,297	0,003	0,010	0,112	FALSE
-0,044	0,302	-0,001	0,007	0,052	FALSE
-0,061	0,302	-0,001	0,007	0,080	FALSE
-0,025	0,311	-0,001	0,007	0,035	FALSE
-0,170	0,299	-0,007	0,011	0,271	FALSE
-0,211	0,295	-0,007	0,011	0,302	FALSE
-0,193	0,298	-0,005	0,008	0,266	FALSE
-0,073	0,310	-0,001	0,006	0,076	FALSE
-0,155	0,321	-0,006	0,013	0,177	FALSE
-0,037	0,303	-0,002	0,009	0,065	FALSE
0,047	0,306	0,001	0,013	0,035	FALSE
0,038	0,298	0,001	0,012	0,029	FALSE
0,017	0,309	0,000	0,011	0,014	FALSE
-0,070	0,308	-0,003	0,012	0,078	FALSE
0,120	0,313	0,003	0,006	0,159	FALSE
-0,107	0,304	-0,002	0,007	0,113	FALSE
0,079	0,309	0,003	0,013	0,089	FALSE
0,115	0,304	0,002	0,006	0,159	FALSE
-0,025	0,317	-0,001	0,010	0,017	FALSE
0,018	0,312	0,001	0,006	0,033	FALSE
0,068	0,302	0,002	0,006	0,098	FALSE
0,090	0,293	0,002	0,006	0,140	FALSE
-0,045	0,313	-0,003	0,013	0,086	FALSE
-0,085	0,303	-0,002	0,010	0,082	FALSE
-0,001	0,302	0,000	0,012	0,005	FALSE
0,030	0,303	0,002	0,011	0,049	FALSE
0,023	0,324	0,001	0,009	0,053	FALSE
0,102	0,311	0,003	0,009	0,142	FALSE
-0,053	0,311	-0,002	0,009	0,081	FALSE
-0,013	0,308	0,000	0,010	0,013	FALSE

0,010	0,318	0,000	0,006	0,013	FALSE
0,005	0,306	0,001	0,010	0,032	FALSE
-0,030	0,318	-0,001	0,009	0,038	FALSE
0,131	0,301	0,002	0,007	0,149	FALSE
-0,021	0,321	0,000	0,009	0,007	FALSE
0,083	0,297	0,003	0,009	0,118	FALSE
0,050	0,303	0,001	0,008	0,062	FALSE
-0,106	0,306	-0,004	0,013	0,133	FALSE
0,108	0,304	0,003	0,010	0,143	FALSE
0,025	0,304	0,001	0,008	0,045	FALSE
-0,004	0,307	0,001	0,007	0,042	FALSE
0,009	0,299	0,001	0,008	0,046	FALSE
0,056	0,297	0,001	0,007	0,066	FALSE
0,118	0,309	0,004	0,008	0,181	FALSE
0,125	0,317	0,004	0,010	0,148	FALSE
0,117	0,307	0,003	0,009	0,138	FALSE
0,076	0,312	0,002	0,010	0,091	FALSE
-0,069	0,306	-0,001	0,007	0,035	FALSE
-0,023	0,314	-0,001	0,010	0,036	FALSE
-0,131	0,304	-0,006	0,013	0,191	FALSE
0,155	0,295	0,006	0,011	0,219	FALSE
0,034	0,298	0,001	0,011	0,031	FALSE
-0,034	0,297	-0,001	0,007	0,062	FALSE
0,022	0,309	0,001	0,012	0,038	FALSE
0,033	0,301	0,001	0,010	0,048	FALSE
-0,069	0,311	-0,003	0,009	0,107	FALSE
-0,037	0,315	-0,001	0,012	0,038	FALSE
-0,001	0,311	0,000	0,012	0,005	FALSE
-0,007	0,304	0,000	0,007	0,001	FALSE
-0,013	0,314	0,000	0,008	0,006	FALSE
-0,103	0,306	-0,002	0,007	0,131	FALSE
0,037	0,312	0,001	0,010	0,058	FALSE
0,009	0,306	0,000	0,007	0,012	FALSE
0,187	0,293	0,008	0,010	0,378	FALSE
0,137	0,319	0,005	0,012	0,171	FALSE
0,029	0,312	0,002	0,009	0,061	FALSE
0,066	0,301	0,002	0,007	0,099	FALSE
-0,051	0,306	-0,001	0,007	0,058	FALSE
0,008	0,313	0,000	0,010	0,005	FALSE
-0,029	0,313	-0,002	0,012	0,058	FALSE
-0,005	0,294	0,000	0,010	0,017	FALSE
-0,169	0,297	-0,004	0,007	0,217	FALSE
-0,173	0,307	-0,003	0,007	0,190	FALSE
-0,201	0,306	-0,006	0,010	0,267	FALSE
0,095	0,289	0,003	0,006	0,187	FALSE
0,091	0,291	0,003	0,007	0,190	FALSE
-0,147	0,296	-0,006	0,012	0,230	FALSE
-0,005	0,305	-0,001	0,011	0,029	FALSE
-0,007	0,311	0,000	0,010	0,006	FALSE
-0,056	0,303	-0,002	0,011	0,051	FALSE
0,023	0,314	0,000	0,009	0,011	FALSE
0,067	0,302	0,003	0,012	0,099	FALSE
0,046	0,302	0,002	0,007	0,103	FALSE

-0,001	0,300	-0,001	0,008	0,028	FALSE
0,088	0,304	0,004	0,013	0,134	FALSE
0,083	0,305	0,004	0,012	0,124	FALSE
0,129	0,306	0,003	0,006	0,194	FALSE
0,117	0,314	0,002	0,006	0,153	FALSE
0,031	0,303	0,001	0,010	0,036	FALSE
0,053	0,286	0,001	0,010	0,051	FALSE
-0,111	0,294	-0,004	0,010	0,143	FALSE
-0,107	0,290	-0,003	0,011	0,130	FALSE
-0,095	0,309	-0,005	0,012	0,153	FALSE
0,037	0,308	0,002	0,008	0,082	FALSE
0,073	0,301	0,002	0,008	0,092	FALSE
0,090	0,291	0,002	0,008	0,101	FALSE
-0,005	0,307	0,000	0,009	0,003	FALSE
0,047	0,318	0,002	0,013	0,064	FALSE
0,102	0,301	0,002	0,008	0,128	FALSE
-0,072	0,310	-0,001	0,007	0,067	FALSE
0,016	0,309	0,000	0,008	0,008	FALSE
0,018	0,311	0,001	0,012	0,045	FALSE
0,096	0,308	0,002	0,009	0,099	FALSE
-0,031	0,309	-0,001	0,006	0,035	FALSE
0,010	0,319	0,000	0,009	0,003	FALSE
0,122	0,294	0,005	0,012	0,169	FALSE
-0,047	0,302	-0,001	0,008	0,049	FALSE
0,028	0,308	0,000	0,007	0,010	FALSE
0,024	0,302	0,001	0,013	0,032	FALSE
0,013	0,308	0,001	0,012	0,016	FALSE
0,020	0,301	0,000	0,009	0,008	FALSE
-0,061	0,313	-0,002	0,008	0,090	FALSE
-0,104	0,311	-0,006	0,013	0,188	FALSE
0,090	0,294	0,002	0,006	0,107	FALSE
-0,027	0,322	-0,001	0,012	0,027	FALSE
-0,020	0,304	-0,001	0,007	0,058	FALSE
-0,166	0,309	-0,005	0,009	0,252	FALSE
0,027	0,295	0,000	0,007	0,016	FALSE
-0,018	0,309	-0,001	0,012	0,034	FALSE
-0,089	0,294	-0,002	0,006	0,133	FALSE
-0,005	0,301	0,000	0,009	0,000	FALSE
0,006	0,299	0,000	0,008	0,017	FALSE
0,031	0,313	0,001	0,007	0,053	FALSE
-0,031	0,308	-0,001	0,009	0,022	FALSE
-0,014	0,312	0,000	0,008	0,018	FALSE
0,028	0,308	0,000	0,007	0,001	FALSE
-0,065	0,299	-0,001	0,008	0,066	FALSE
0,028	0,309	0,001	0,007	0,054	FALSE
-0,010	0,307	0,000	0,012	0,007	FALSE
0,072	0,316	0,003	0,013	0,086	FALSE
-0,097	0,299	-0,002	0,007	0,087	FALSE
-0,069	0,306	-0,002	0,008	0,113	FALSE
-0,043	0,296	-0,001	0,012	0,030	FALSE
-0,101	0,297	-0,003	0,008	0,141	FALSE
0,110	0,282	0,005	0,012	0,179	FALSE
-0,026	0,310	-0,002	0,013	0,044	FALSE

-0,023	0,301	0,000	0,006	0,027	FALSE
0,094	0,308	0,002	0,007	0,104	FALSE
0,186	0,298	0,005	0,007	0,304	FALSE
0,007	0,312	0,000	0,011	0,012	FALSE
0,100	0,288	0,002	0,006	0,154	FALSE
0,005	0,307	0,000	0,012	0,009	FALSE
0,086	0,323	0,002	0,007	0,085	FALSE
0,108	0,294	0,004	0,009	0,182	FALSE
0,034	0,300	0,002	0,010	0,063	FALSE
0,056	0,311	0,001	0,007	0,060	FALSE
-0,126	0,316	-0,005	0,010	0,192	FALSE
-0,085	0,303	-0,003	0,012	0,096	FALSE
-0,073	0,308	-0,002	0,007	0,119	FALSE
-0,132	0,296	-0,003	0,006	0,200	FALSE
-0,076	0,316	-0,002	0,007	0,125	FALSE
0,001	0,294	0,000	0,010	0,010	FALSE
0,079	0,311	0,002	0,007	0,085	FALSE
-0,011	0,305	-0,001	0,007	0,031	FALSE
-0,063	0,305	-0,002	0,012	0,072	FALSE
0,050	0,306	0,002	0,011	0,074	FALSE
-0,050	0,290	-0,001	0,011	0,041	FALSE
0,020	0,297	0,001	0,006	0,043	FALSE
0,039	0,312	0,001	0,007	0,064	FALSE
-0,027	0,311	-0,001	0,012	0,015	FALSE
-0,043	0,308	-0,002	0,013	0,046	FALSE
0,143	0,285	0,005	0,012	0,184	FALSE
-0,078	0,297	-0,001	0,009	0,047	FALSE
-0,089	0,299	-0,002	0,007	0,101	FALSE
-0,001	0,310	0,001	0,013	0,036	FALSE
-0,110	0,293	-0,002	0,006	0,156	FALSE
-0,024	0,313	0,000	0,007	0,020	FALSE
-0,042	0,304	-0,002	0,012	0,053	FALSE
-0,072	0,309	-0,002	0,007	0,093	FALSE
0,007	0,309	0,000	0,009	0,000	FALSE
0,004	0,304	0,000	0,007	0,015	FALSE
0,131	0,289	0,004	0,008	0,216	FALSE
-0,017	0,306	0,000	0,007	0,004	FALSE
0,025	0,311	0,001	0,012	0,042	FALSE
-0,004	0,301	-0,001	0,010	0,028	FALSE
-0,088	0,314	-0,003	0,008	0,137	FALSE
0,003	0,306	0,000	0,009	0,013	FALSE
-0,133	0,312	-0,004	0,011	0,161	FALSE
0,024	0,305	0,001	0,007	0,028	FALSE
-0,079	0,311	-0,002	0,009	0,077	FALSE
0,090	0,305	0,002	0,007	0,089	FALSE
0,084	0,303	0,003	0,009	0,136	FALSE
0,051	0,311	0,001	0,009	0,046	FALSE
0,033	0,307	0,001	0,012	0,042	FALSE
-0,007	0,304	0,000	0,012	0,014	FALSE
0,004	0,314	0,000	0,012	0,014	FALSE
-0,066	0,317	-0,001	0,007	0,072	FALSE
0,144	0,300	0,004	0,007	0,213	FALSE
-0,038	0,306	-0,001	0,009	0,052	FALSE

-0,107	0,305	-0,003	0,010	0,119	FALSE
-0,048	0,314	-0,002	0,011	0,064	FALSE
0,076	0,297	0,002	0,008	0,109	FALSE
-0,026	0,314	-0,001	0,013	0,027	FALSE
-0,149	0,305	-0,004	0,007	0,218	FALSE
0,039	0,313	0,001	0,011	0,031	FALSE
0,124	0,292	0,003	0,007	0,165	FALSE
0,095	0,302	0,002	0,007	0,135	FALSE
0,019	0,302	0,001	0,010	0,036	FALSE
-0,052	0,311	-0,001	0,009	0,023	FALSE
-0,011	0,315	0,000	0,010	0,008	FALSE
0,007	0,310	0,000	0,006	0,005	FALSE
0,083	0,314	0,003	0,012	0,078	FALSE
0,057	0,314	0,002	0,012	0,071	FALSE
0,071	0,304	0,002	0,012	0,058	FALSE
0,069	0,311	0,002	0,007	0,099	FALSE
0,006	0,303	0,001	0,007	0,041	FALSE
-0,145	0,312	-0,005	0,011	0,203	FALSE
-0,105	0,302	-0,004	0,011	0,155	FALSE
0,018	0,305	0,000	0,006	0,014	FALSE
0,019	0,317	0,000	0,012	0,002	FALSE
-0,084	0,310	-0,002	0,007	0,122	FALSE
0,029	0,328	0,001	0,008	0,041	FALSE
-0,085	0,306	-0,004	0,013	0,107	FALSE
0,000	0,309	0,000	0,007	0,009	FALSE
0,001	0,307	0,001	0,010	0,026	FALSE
0,011	0,310	0,000	0,007	0,013	FALSE
-0,118	0,311	-0,003	0,008	0,138	FALSE
0,073	0,301	0,001	0,007	0,086	FALSE
0,070	0,304	0,004	0,011	0,135	FALSE
-0,036	0,326	-0,002	0,013	0,074	FALSE
0,051	0,310	0,002	0,009	0,065	FALSE
0,046	0,312	0,002	0,011	0,083	FALSE
-0,014	0,304	-0,001	0,007	0,039	FALSE
0,066	0,302	0,001	0,007	0,070	FALSE
0,041	0,318	0,001	0,008	0,026	FALSE
-0,004	0,284	0,000	0,006	0,025	FALSE
0,103	0,301	0,002	0,008	0,124	FALSE
0,093	0,298	0,003	0,009	0,131	FALSE
-0,173	0,300	-0,008	0,012	0,273	FALSE
0,045	0,302	0,002	0,011	0,063	FALSE
-0,074	0,291	-0,002	0,007	0,083	FALSE
0,093	0,313	0,002	0,008	0,087	FALSE
-0,009	0,306	0,000	0,010	0,010	FALSE
0,004	0,296	0,000	0,007	0,016	FALSE
0,053	0,305	0,002	0,010	0,083	FALSE
-0,077	0,304	-0,002	0,007	0,124	FALSE
0,032	0,302	0,000	0,006	0,012	FALSE
0,060	0,300	0,003	0,008	0,143	FALSE
0,070	0,301	0,003	0,008	0,159	FALSE
-0,081	0,299	-0,002	0,007	0,120	FALSE
-0,095	0,310	-0,003	0,011	0,121	FALSE
-0,107	0,308	-0,005	0,013	0,175	FALSE

-0,014	0,306	-0,001	0,008	0,023	FALSE
-0,041	0,309	-0,001	0,007	0,043	FALSE
0,132	0,301	0,005	0,012	0,171	FALSE
-0,084	0,317	-0,003	0,012	0,102	FALSE
-0,092	0,315	-0,003	0,011	0,101	FALSE
-0,015	0,316	0,000	0,007	0,003	FALSE
0,124	0,307	0,004	0,008	0,187	FALSE
-0,014	0,322	0,000	0,011	0,008	FALSE
-0,048	0,312	-0,002	0,013	0,042	FALSE
0,079	0,299	0,002	0,010	0,073	FALSE
-0,010	0,319	-0,001	0,011	0,030	FALSE
0,074	0,292	0,003	0,008	0,142	FALSE
-0,003	0,304	-0,001	0,012	0,027	FALSE
0,061	0,308	0,002	0,009	0,072	FALSE
0,056	0,312	0,001	0,009	0,059	FALSE
0,041	0,316	0,001	0,010	0,034	FALSE
-0,100	0,310	-0,004	0,012	0,115	FALSE
0,005	0,305	0,001	0,011	0,022	FALSE
-0,054	0,295	-0,002	0,010	0,084	FALSE
0,155	0,290	0,005	0,009	0,251	FALSE
0,144	0,284	0,005	0,009	0,247	FALSE
0,183	0,303	0,004	0,006	0,269	FALSE
-0,188	0,288	-0,008	0,012	0,315	FALSE
-0,064	0,306	-0,002	0,009	0,065	FALSE
0,003	0,320	0,000	0,011	0,008	FALSE
0,086	0,292	0,001	0,006	0,092	FALSE
-0,075	0,304	-0,001	0,006	0,083	FALSE
-0,057	0,300	-0,002	0,012	0,077	FALSE
-0,057	0,299	-0,001	0,006	0,067	FALSE
0,055	0,320	0,002	0,012	0,079	FALSE
0,002	0,320	0,000	0,007	0,003	FALSE
-0,043	0,314	0,000	0,008	0,018	FALSE
-0,040	0,299	-0,001	0,009	0,030	FALSE
0,103	0,309	0,002	0,007	0,125	FALSE
-0,081	0,313	-0,003	0,011	0,111	FALSE
0,035	0,303	0,001	0,007	0,033	FALSE
0,036	0,306	0,002	0,012	0,048	FALSE
0,151	0,286	0,006	0,011	0,224	FALSE
0,005	0,308	-0,001	0,012	0,025	FALSE
-0,003	0,298	-0,001	0,012	0,025	FALSE
-0,010	0,299	-0,001	0,012	0,033	FALSE
0,014	0,304	0,001	0,011	0,031	FALSE
0,049	0,305	0,002	0,008	0,082	FALSE
-0,068	0,290	-0,001	0,009	0,050	FALSE
0,041	0,298	0,001	0,006	0,042	FALSE
-0,086	0,296	-0,003	0,012	0,096	FALSE
-0,113	0,315	-0,004	0,008	0,193	FALSE
0,005	0,315	0,000	0,013	0,005	FALSE
-0,036	0,314	-0,001	0,007	0,030	FALSE
0,024	0,303	0,000	0,012	0,012	FALSE
-0,074	0,316	-0,002	0,008	0,085	FALSE
-0,058	0,310	-0,001	0,007	0,050	FALSE
-0,062	0,317	-0,003	0,013	0,076	FALSE

0,030	0,302	0,000	0,009	0,014	FALSE
-0,024	0,309	-0,001	0,012	0,019	FALSE
0,071	0,302	0,003	0,009	0,105	FALSE
-0,019	0,295	-0,002	0,010	0,055	FALSE
-0,014	0,300	-0,001	0,011	0,045	FALSE
0,017	0,315	0,000	0,013	0,002	FALSE
-0,030	0,327	-0,002	0,013	0,046	FALSE
0,012	0,313	0,000	0,007	0,007	FALSE
-0,048	0,311	-0,001	0,006	0,068	FALSE
0,075	0,293	0,002	0,006	0,131	FALSE
-0,182	0,305	-0,007	0,012	0,242	FALSE
0,037	0,306	0,001	0,006	0,062	FALSE
0,162	0,304	0,003	0,006	0,224	FALSE
-0,016	0,321	-0,001	0,009	0,038	FALSE
-0,120	0,318	-0,004	0,010	0,157	FALSE
-0,086	0,309	-0,003	0,009	0,115	FALSE
-0,096	0,309	-0,003	0,009	0,132	FALSE
-0,119	0,291	-0,003	0,007	0,141	FALSE
-0,020	0,311	-0,001	0,011	0,035	FALSE
-0,106	0,305	-0,003	0,009	0,119	FALSE
-0,031	0,318	0,000	0,010	0,005	FALSE
-0,039	0,300	-0,001	0,010	0,049	FALSE
-0,054	0,300	-0,001	0,007	0,061	FALSE
-0,037	0,312	-0,001	0,009	0,058	FALSE
0,018	0,323	0,000	0,008	0,019	FALSE
-0,059	0,305	-0,002	0,008	0,080	FALSE
-0,008	0,320	0,000	0,006	0,028	FALSE
-0,036	0,313	-0,001	0,009	0,044	FALSE
-0,059	0,303	-0,003	0,011	0,096	FALSE
-0,104	0,306	-0,002	0,007	0,098	FALSE
0,092	0,295	0,003	0,012	0,083	FALSE
0,089	0,288	0,003	0,009	0,123	FALSE
-0,014	0,314	-0,001	0,010	0,023	FALSE
-0,004	0,304	0,000	0,006	0,014	FALSE
0,045	0,300	0,001	0,007	0,071	FALSE
0,052	0,300	0,002	0,008	0,090	FALSE
-0,092	0,298	-0,002	0,007	0,091	FALSE
-0,072	0,300	-0,002	0,009	0,071	FALSE
-0,040	0,308	-0,001	0,010	0,037	FALSE
-0,035	0,315	-0,001	0,008	0,025	FALSE
0,101	0,297	0,003	0,008	0,159	FALSE
-0,035	0,301	-0,001	0,007	0,042	FALSE
-0,018	0,308	-0,001	0,009	0,036	FALSE
-0,076	0,309	-0,002	0,007	0,115	FALSE
-0,050	0,305	-0,001	0,012	0,028	FALSE
-0,020	0,310	0,000	0,007	0,021	FALSE
0,057	0,305	0,001	0,006	0,045	FALSE
0,023	0,305	0,001	0,006	0,035	FALSE
0,183	0,293	0,005	0,007	0,310	FALSE
-0,104	0,298	-0,005	0,013	0,159	FALSE
0,021	0,316	0,001	0,011	0,021	FALSE
0,078	0,313	0,004	0,011	0,147	FALSE
0,045	0,308	0,001	0,008	0,051	FALSE

0,090	0,303	0,004	0,011	0,159	FALSE
0,026	0,322	0,001	0,011	0,022	FALSE
0,055	0,310	0,002	0,009	0,070	FALSE
0,030	0,301	0,000	0,009	0,001	FALSE
0,095	0,295	0,004	0,012	0,137	FALSE
-0,003	0,300	-0,001	0,009	0,026	FALSE
-0,079	0,310	-0,003	0,012	0,111	FALSE
-0,093	0,310	-0,004	0,012	0,135	FALSE
0,091	0,312	0,004	0,012	0,125	FALSE
-0,134	0,302	-0,004	0,010	0,182	FALSE
0,103	0,297	0,002	0,006	0,099	FALSE
-0,056	0,302	-0,001	0,011	0,044	FALSE
0,060	0,319	0,002	0,009	0,077	FALSE
-0,041	0,307	-0,002	0,009	0,080	FALSE
-0,049	0,312	-0,002	0,009	0,090	FALSE
-0,054	0,294	-0,002	0,008	0,097	FALSE
-0,001	0,310	0,000	0,007	0,016	FALSE
-0,089	0,294	-0,002	0,008	0,104	FALSE
-0,072	0,304	-0,001	0,007	0,066	FALSE
-0,006	0,294	0,000	0,007	0,014	FALSE
0,001	0,294	0,000	0,008	0,007	FALSE
0,132	0,306	0,005	0,011	0,185	FALSE
-0,104	0,294	-0,002	0,006	0,133	FALSE
-0,124	0,310	-0,005	0,013	0,150	FALSE
0,069	0,312	0,002	0,007	0,105	FALSE
0,139	0,298	0,004	0,008	0,198	FALSE
0,010	0,307	0,001	0,011	0,039	FALSE
-0,003	0,307	0,001	0,012	0,015	FALSE
-0,056	0,299	-0,004	0,012	0,126	FALSE
-0,099	0,302	-0,003	0,012	0,112	FALSE
-0,135	0,302	-0,005	0,012	0,177	FALSE
-0,056	0,299	-0,002	0,012	0,068	FALSE
-0,006	0,310	0,000	0,009	0,019	FALSE
0,038	0,313	0,001	0,009	0,031	FALSE
0,060	0,312	0,001	0,008	0,053	FALSE
-0,138	0,312	-0,004	0,008	0,187	FALSE
-0,099	0,295	-0,002	0,008	0,085	FALSE
0,266	0,286	0,010	0,011	0,429	FALSE
0,055	0,308	0,001	0,006	0,041	FALSE
-0,033	0,299	-0,001	0,010	0,049	FALSE
-0,021	0,308	-0,002	0,010	0,063	FALSE
-0,070	0,310	-0,001	0,006	0,075	FALSE
-0,010	0,306	-0,001	0,010	0,028	FALSE
-0,048	0,312	-0,001	0,009	0,048	FALSE
-0,031	0,303	-0,001	0,012	0,018	FALSE
0,077	0,314	0,002	0,012	0,081	FALSE
-0,076	0,302	-0,003	0,012	0,099	FALSE
0,150	0,307	0,005	0,011	0,201	FALSE
-0,013	0,300	-0,001	0,006	0,028	FALSE
-0,073	0,302	-0,001	0,007	0,066	FALSE
0,059	0,310	0,001	0,007	0,054	FALSE
0,052	0,299	0,001	0,006	0,051	FALSE
-0,025	0,308	-0,001	0,009	0,044	FALSE

-0,036	0,313	-0,001	0,009	0,045	FALSE
-0,035	0,308	-0,001	0,009	0,028	FALSE
-0,030	0,315	-0,001	0,008	0,040	FALSE
0,015	0,302	0,000	0,009	0,019	FALSE
0,120	0,301	0,005	0,009	0,228	FALSE
-0,021	0,316	-0,001	0,011	0,023	FALSE
-0,139	0,313	-0,005	0,012	0,170	FALSE
0,008	0,301	0,000	0,007	0,023	FALSE
0,078	0,302	0,002	0,009	0,095	FALSE
0,002	0,297	0,000	0,008	0,019	FALSE
-0,067	0,329	-0,003	0,010	0,110	FALSE
0,019	0,315	0,001	0,009	0,026	FALSE
-0,063	0,323	-0,002	0,013	0,049	FALSE
-0,049	0,307	-0,002	0,012	0,048	FALSE
-0,097	0,321	-0,002	0,008	0,108	FALSE
0,077	0,305	0,002	0,010	0,080	FALSE
0,012	0,318	0,001	0,013	0,022	FALSE
0,143	0,290	0,006	0,012	0,201	FALSE
-0,130	0,294	-0,004	0,008	0,207	FALSE
-0,146	0,304	-0,003	0,007	0,182	FALSE
-0,113	0,307	-0,003	0,008	0,164	FALSE
-0,034	0,304	-0,002	0,011	0,064	FALSE
-0,081	0,321	-0,003	0,011	0,113	FALSE
0,005	0,322	-0,001	0,012	0,018	FALSE
-0,041	0,310	-0,001	0,007	0,040	FALSE
0,049	0,321	0,001	0,008	0,036	FALSE
-0,051	0,299	-0,001	0,008	0,032	FALSE
-0,011	0,316	0,001	0,012	0,020	FALSE
-0,009	0,312	0,000	0,007	0,001	FALSE
-0,103	0,300	-0,003	0,011	0,122	FALSE
0,038	0,320	0,001	0,007	0,053	FALSE
-0,003	0,309	0,000	0,011	0,004	FALSE
0,023	0,297	0,001	0,006	0,043	FALSE
0,074	0,299	0,004	0,012	0,126	FALSE
-0,101	0,309	-0,003	0,009	0,122	FALSE
0,034	0,313	0,001	0,007	0,069	FALSE
0,235	0,309	0,005	0,006	0,359	FALSE
-0,119	0,316	-0,003	0,009	0,157	FALSE
-0,064	0,307	-0,003	0,012	0,085	FALSE
-0,032	0,319	-0,001	0,010	0,024	FALSE
0,067	0,322	0,001	0,006	0,074	FALSE
-0,040	0,308	-0,001	0,008	0,040	FALSE
0,036	0,303	0,001	0,012	0,018	FALSE
0,100	0,297	0,004	0,010	0,148	FALSE
0,000	0,308	0,000	0,008	0,008	FALSE
-0,090	0,308	-0,004	0,012	0,114	FALSE
-0,007	0,330	0,000	0,007	0,018	FALSE
0,085	0,310	0,001	0,007	0,084	FALSE
0,052	0,310	0,001	0,009	0,032	FALSE
0,166	0,289	0,007	0,011	0,284	FALSE
-0,125	0,309	-0,003	0,006	0,169	FALSE
-0,140	0,290	-0,006	0,012	0,220	FALSE
-0,001	0,311	0,000	0,007	0,019	FALSE

-0,021	0,303	-0,001	0,010	0,054	FALSE
0,102	0,316	0,003	0,009	0,148	FALSE
-0,013	0,315	0,000	0,008	0,020	FALSE
-0,097	0,313	-0,003	0,011	0,114	FALSE
0,081	0,302	0,003	0,012	0,097	FALSE
0,081	0,309	0,003	0,012	0,093	FALSE
-0,076	0,303	-0,001	0,007	0,072	FALSE
0,111	0,305	0,005	0,012	0,159	FALSE
-0,070	0,297	-0,004	0,012	0,132	FALSE
0,029	0,312	0,002	0,011	0,075	FALSE
-0,040	0,319	-0,001	0,010	0,036	FALSE
0,036	0,302	0,000	0,007	0,007	FALSE
0,046	0,312	0,001	0,007	0,050	FALSE
0,195	0,283	0,008	0,012	0,285	FALSE
0,000	0,307	0,000	0,007	0,015	FALSE
-0,099	0,311	-0,003	0,011	0,114	FALSE
0,005	0,308	0,000	0,012	0,012	FALSE
-0,113	0,302	-0,004	0,009	0,192	FALSE
0,095	0,286	0,004	0,010	0,155	FALSE
0,018	0,299	0,000	0,007	0,011	FALSE
0,011	0,301	0,001	0,012	0,029	FALSE
0,037	0,308	0,002	0,010	0,075	FALSE
-0,029	0,310	0,000	0,007	0,001	FALSE
-0,026	0,310	0,000	0,009	0,007	FALSE
-0,017	0,308	0,000	0,007	0,006	FALSE
0,001	0,303	-0,001	0,012	0,024	FALSE
0,143	0,321	0,004	0,008	0,196	FALSE
-0,025	0,300	-0,001	0,006	0,048	FALSE
0,003	0,303	0,000	0,006	0,011	FALSE
-0,022	0,322	-0,002	0,013	0,047	FALSE
0,045	0,296	0,001	0,010	0,036	FALSE
0,073	0,317	0,002	0,013	0,066	FALSE
-0,034	0,302	-0,002	0,013	0,051	FALSE
-0,001	0,311	0,000	0,012	0,002	FALSE
0,016	0,301	0,001	0,012	0,015	FALSE
-0,046	0,307	-0,002	0,012	0,074	FALSE
-0,038	0,297	-0,001	0,009	0,056	FALSE
-0,080	0,306	-0,004	0,012	0,125	FALSE
-0,036	0,316	-0,001	0,008	0,063	FALSE
0,041	0,304	0,001	0,009	0,049	FALSE
0,024	0,311	0,001	0,012	0,020	FALSE
-0,090	0,304	-0,004	0,011	0,136	FALSE
-0,096	0,305	-0,001	0,006	0,087	FALSE
0,105	0,303	0,002	0,007	0,123	FALSE
-0,077	0,302	-0,003	0,012	0,117	FALSE
-0,001	0,312	0,000	0,011	0,013	FALSE
0,115	0,304	0,004	0,011	0,142	FALSE
-0,007	0,307	0,000	0,008	0,023	FALSE
-0,002	0,307	0,000	0,009	0,018	FALSE
-0,106	0,303	-0,002	0,006	0,142	FALSE
-0,014	0,309	-0,002	0,010	0,060	FALSE
0,038	0,301	0,000	0,009	0,007	FALSE
0,010	0,288	0,002	0,012	0,057	FALSE

0,002	0,313	0,000	0,009	0,003	FALSE
-0,069	0,319	-0,004	0,013	0,117	FALSE
-0,076	0,312	-0,002	0,010	0,071	FALSE
0,014	0,313	0,000	0,012	0,010	FALSE
-0,065	0,300	-0,003	0,011	0,094	FALSE
-0,037	0,321	0,000	0,007	0,025	FALSE
0,136	0,297	0,004	0,008	0,247	FALSE
-0,057	0,306	-0,002	0,010	0,075	FALSE
0,026	0,311	0,001	0,007	0,028	FALSE
-0,049	0,322	-0,002	0,010	0,066	FALSE
-0,079	0,301	-0,002	0,011	0,081	FALSE
0,044	0,298	0,001	0,006	0,038	FALSE
-0,078	0,307	-0,002	0,010	0,075	FALSE
-0,041	0,313	0,000	0,007	0,017	FALSE
-0,030	0,316	0,000	0,008	0,012	FALSE
-0,032	0,309	-0,002	0,013	0,048	FALSE
0,059	0,326	0,001	0,009	0,042	FALSE
-0,125	0,290	-0,005	0,011	0,189	FALSE
-0,084	0,300	-0,004	0,012	0,122	FALSE
-0,022	0,306	0,000	0,007	0,026	FALSE
0,015	0,299	0,000	0,006	0,015	FALSE
0,118	0,300	0,003	0,007	0,172	FALSE
-0,055	0,311	-0,002	0,008	0,076	FALSE
0,249	0,288	0,011	0,012	0,423	FALSE
-0,044	0,309	-0,001	0,006	0,082	FALSE
-0,036	0,304	-0,002	0,012	0,058	FALSE
-0,045	0,308	-0,001	0,009	0,050	FALSE
-0,124	0,303	-0,003	0,007	0,167	FALSE
0,094	0,301	0,003	0,010	0,139	FALSE
0,076	0,305	0,001	0,007	0,051	FALSE
-0,047	0,301	-0,001	0,006	0,054	FALSE
0,198	0,294	0,005	0,008	0,278	FALSE
-0,111	0,305	-0,005	0,012	0,172	FALSE
0,111	0,294	0,003	0,010	0,115	FALSE
0,131	0,287	0,006	0,011	0,214	FALSE
0,031	0,307	0,002	0,010	0,054	FALSE
0,037	0,298	0,001	0,011	0,048	FALSE
-0,133	0,292	-0,007	0,012	0,224	FALSE
0,218	0,296	0,006	0,008	0,341	FALSE
-0,007	0,310	0,000	0,010	0,014	FALSE
0,063	0,303	0,002	0,006	0,108	FALSE
-0,018	0,313	-0,001	0,011	0,020	FALSE
0,090	0,294	0,003	0,011	0,124	FALSE
0,124	0,298	0,003	0,007	0,189	FALSE
-0,032	0,305	-0,001	0,009	0,032	FALSE
0,112	0,308	0,002	0,007	0,122	FALSE
-0,019	0,308	0,000	0,007	0,022	FALSE
0,018	0,291	0,000	0,011	0,015	FALSE
-0,054	0,309	-0,001	0,010	0,050	FALSE
0,076	0,302	0,001	0,007	0,081	FALSE
0,139	0,311	0,004	0,009	0,169	FALSE
-0,065	0,306	-0,002	0,012	0,049	FALSE
-0,171	0,302	-0,007	0,012	0,235	FALSE

-0,040	0,308	-0,001	0,007	0,063	FALSE
0,016	0,308	0,000	0,008	0,013	FALSE
0,038	0,308	0,001	0,008	0,062	FALSE
-0,154	0,311	-0,006	0,011	0,222	FALSE
-0,106	0,309	-0,004	0,010	0,155	FALSE
-0,099	0,311	-0,004	0,013	0,137	FALSE
0,096	0,293	0,002	0,012	0,080	FALSE
0,088	0,300	0,002	0,012	0,060	FALSE
0,005	0,304	0,000	0,013	0,013	FALSE
0,077	0,302	0,002	0,012	0,070	FALSE
0,016	0,305	0,000	0,010	0,009	FALSE
0,022	0,297	0,000	0,009	0,007	FALSE
0,010	0,306	0,000	0,011	0,004	FALSE
0,005	0,311	0,000	0,012	0,005	FALSE
0,031	0,293	0,002	0,012	0,062	FALSE
-0,158	0,300	-0,003	0,007	0,193	FALSE
-0,143	0,300	-0,003	0,007	0,191	FALSE
-0,050	0,304	-0,001	0,009	0,032	FALSE
-0,130	0,320	-0,005	0,013	0,167	FALSE
-0,094	0,298	-0,002	0,007	0,091	FALSE
-0,010	0,300	-0,002	0,011	0,055	FALSE
0,089	0,281	0,004	0,012	0,137	FALSE
0,072	0,301	0,003	0,010	0,115	FALSE
0,146	0,299	0,004	0,008	0,234	FALSE
0,048	0,292	0,001	0,012	0,040	FALSE
0,104	0,314	0,003	0,011	0,118	FALSE
0,108	0,306	0,003	0,010	0,119	FALSE
0,068	0,318	0,002	0,008	0,085	FALSE
0,046	0,312	0,001	0,011	0,029	FALSE
0,043	0,310	0,001	0,006	0,058	FALSE
0,062	0,327	0,001	0,006	0,073	FALSE
0,105	0,317	0,003	0,010	0,132	FALSE
0,006	0,301	0,000	0,006	0,002	FALSE
0,163	0,290	0,005	0,009	0,249	FALSE
0,013	0,313	0,000	0,007	0,020	FALSE
0,067	0,288	0,003	0,010	0,107	FALSE
0,027	0,300	0,002	0,011	0,054	FALSE
0,146	0,310	0,004	0,009	0,186	FALSE
-0,023	0,311	0,000	0,011	0,009	FALSE
-0,075	0,284	-0,004	0,011	0,124	FALSE
-0,086	0,299	-0,004	0,012	0,124	FALSE
0,041	0,300	0,002	0,009	0,087	FALSE
-0,022	0,318	-0,001	0,008	0,043	FALSE
0,049	0,292	0,002	0,010	0,077	FALSE
-0,053	0,300	-0,002	0,011	0,054	FALSE
-0,103	0,288	-0,002	0,007	0,126	FALSE
-0,030	0,302	0,000	0,010	0,016	FALSE
0,008	0,307	0,001	0,009	0,042	FALSE
0,102	0,293	0,002	0,007	0,103	FALSE
0,127	0,302	0,002	0,007	0,136	FALSE
0,070	0,296	0,001	0,011	0,029	FALSE
-0,055	0,301	-0,001	0,007	0,061	FALSE
0,091	0,315	0,002	0,006	0,113	FALSE

-0,176	0,304	-0,005	0,009	0,260	FALSE
-0,147	0,292	-0,005	0,011	0,189	FALSE
-0,177	0,305	-0,006	0,011	0,221	FALSE
0,028	0,311	0,001	0,012	0,028	FALSE
0,011	0,294	0,001	0,008	0,032	FALSE
-0,091	0,321	-0,002	0,006	0,115	FALSE
-0,100	0,316	-0,003	0,012	0,115	FALSE
0,024	0,322	0,001	0,010	0,021	FALSE
0,036	0,323	0,001	0,010	0,039	FALSE
-0,162	0,310	-0,004	0,008	0,201	FALSE
0,074	0,301	0,002	0,007	0,109	FALSE
0,062	0,309	0,001	0,006	0,045	FALSE
0,123	0,318	0,003	0,008	0,167	FALSE
0,053	0,316	0,003	0,012	0,081	FALSE
-0,036	0,298	-0,002	0,011	0,070	FALSE
-0,123	0,304	-0,005	0,011	0,187	FALSE
-0,081	0,304	-0,002	0,006	0,114	FALSE
-0,150	0,299	-0,005	0,011	0,198	FALSE
-0,134	0,313	-0,005	0,010	0,225	FALSE
0,139	0,293	0,003	0,008	0,186	FALSE
0,022	0,296	0,000	0,008	0,016	FALSE
-0,081	0,295	-0,002	0,009	0,089	FALSE
-0,032	0,312	-0,001	0,010	0,047	FALSE
0,005	0,300	0,001	0,009	0,023	FALSE
-0,134	0,297	-0,005	0,012	0,168	FALSE
-0,082	0,320	-0,002	0,009	0,101	FALSE
-0,055	0,313	-0,002	0,007	0,093	FALSE
0,009	0,304	0,000	0,012	0,001	FALSE
-0,119	0,292	-0,004	0,008	0,177	FALSE
-0,142	0,304	-0,005	0,009	0,217	FALSE
-0,116	0,304	-0,004	0,009	0,178	FALSE
0,082	0,313	0,003	0,012	0,101	FALSE
-0,125	0,307	-0,005	0,013	0,152	FALSE
0,107	0,313	0,004	0,012	0,124	FALSE
0,122	0,297	0,002	0,006	0,162	FALSE
0,021	0,309	0,001	0,010	0,027	FALSE
0,090	0,307	0,003	0,010	0,119	FALSE
0,184	0,301	0,007	0,012	0,257	FALSE
0,007	0,300	0,000	0,011	0,004	FALSE
0,018	0,295	0,001	0,008	0,030	FALSE
-0,013	0,313	0,000	0,009	0,020	FALSE
0,089	0,294	0,002	0,007	0,121	FALSE
0,021	0,314	0,000	0,008	0,001	FALSE
-0,122	0,314	-0,004	0,009	0,162	FALSE
0,026	0,316	0,002	0,011	0,060	FALSE
0,053	0,301	0,002	0,008	0,100	FALSE
-0,028	0,315	0,000	0,008	0,007	FALSE
-0,042	0,318	-0,001	0,007	0,046	FALSE
0,203	0,294	0,007	0,009	0,343	FALSE
-0,061	0,308	-0,003	0,012	0,084	FALSE
0,018	0,333	0,001	0,007	0,028	FALSE
-0,100	0,299	-0,002	0,006	0,101	FALSE
0,056	0,297	0,001	0,006	0,085	FALSE

0,035	0,315	0,001	0,007	0,068	FALSE
-0,019	0,298	-0,001	0,008	0,065	FALSE
-0,014	0,312	0,001	0,009	0,020	FALSE
-0,014	0,308	0,000	0,009	0,020	FALSE
0,009	0,306	0,001	0,008	0,050	FALSE
0,012	0,302	0,001	0,009	0,039	FALSE
-0,072	0,310	-0,001	0,007	0,083	FALSE
0,031	0,294	0,001	0,008	0,047	FALSE
-0,089	0,307	-0,003	0,012	0,105	FALSE
-0,040	0,308	0,000	0,006	0,000	FALSE
-0,019	0,309	-0,001	0,010	0,032	FALSE
-0,014	0,301	0,000	0,010	0,004	FALSE
0,134	0,294	0,003	0,006	0,222	FALSE
-0,165	0,308	-0,004	0,007	0,226	FALSE
-0,022	0,315	0,000	0,007	0,018	FALSE
0,044	0,309	0,001	0,007	0,076	FALSE
0,140	0,298	0,004	0,009	0,169	FALSE
0,142	0,296	0,004	0,007	0,232	FALSE
-0,005	0,309	-0,001	0,011	0,025	FALSE
0,112	0,297	0,003	0,007	0,151	FALSE
0,047	0,302	0,002	0,013	0,067	FALSE
0,008	0,309	0,000	0,012	0,011	FALSE
0,006	0,309	-0,001	0,013	0,033	FALSE
0,055	0,301	0,001	0,008	0,044	FALSE
-0,002	0,298	0,000	0,011	0,004	FALSE
-0,129	0,317	-0,003	0,007	0,181	FALSE
0,130	0,311	0,004	0,010	0,170	FALSE
0,109	0,307	0,002	0,007	0,141	FALSE
-0,242	0,298	-0,010	0,012	0,365	FALSE
0,208	0,304	0,009	0,012	0,349	FALSE
-0,175	0,299	-0,005	0,009	0,255	FALSE
-0,026	0,299	0,000	0,006	0,006	FALSE
-0,158	0,301	-0,003	0,007	0,191	FALSE
-0,021	0,325	-0,001	0,011	0,034	FALSE
0,015	0,312	0,000	0,008	0,000	FALSE
0,021	0,311	0,002	0,012	0,049	FALSE
0,005	0,294	0,000	0,009	0,010	FALSE
0,002	0,297	0,000	0,006	0,002	FALSE
0,062	0,309	0,002	0,008	0,075	FALSE
0,042	0,313	0,001	0,007	0,072	FALSE
-0,014	0,292	0,000	0,006	0,001	FALSE
-0,127	0,311	-0,003	0,008	0,152	FALSE
-0,033	0,280	-0,001	0,009	0,044	FALSE
0,065	0,312	0,003	0,012	0,090	FALSE
-0,036	0,303	-0,001	0,007	0,041	FALSE
-0,074	0,309	-0,002	0,006	0,112	FALSE
-0,141	0,301	-0,004	0,008	0,210	FALSE
-0,023	0,310	0,000	0,010	0,017	FALSE
-0,053	0,314	-0,001	0,008	0,066	FALSE
-0,056	0,313	-0,002	0,007	0,095	FALSE
-0,043	0,311	-0,001	0,007	0,036	FALSE
-0,030	0,316	-0,001	0,006	0,032	FALSE
-0,047	0,309	-0,001	0,007	0,058	FALSE

-0,047	0,304	-0,003	0,012	0,083	FALSE
-0,054	0,304	-0,001	0,007	0,067	FALSE
-0,059	0,311	-0,002	0,007	0,084	FALSE
0,024	0,303	0,001	0,010	0,049	FALSE
0,019	0,315	0,001	0,011	0,042	FALSE
0,081	0,297	0,003	0,009	0,122	FALSE
-0,084	0,313	-0,002	0,008	0,112	FALSE
0,025	0,309	0,000	0,007	0,000	FALSE
-0,010	0,316	-0,001	0,012	0,015	FALSE
-0,117	0,326	-0,003	0,009	0,121	FALSE
0,024	0,322	0,002	0,012	0,045	FALSE
-0,086	0,309	-0,002	0,007	0,109	FALSE
0,186	0,308	0,005	0,007	0,280	FALSE
-0,013	0,306	0,000	0,008	0,009	FALSE
0,114	0,306	0,003	0,008	0,140	FALSE
-0,022	0,308	0,000	0,009	0,006	FALSE
-0,013	0,297	0,000	0,006	0,008	FALSE
0,052	0,297	0,001	0,010	0,039	FALSE
-0,088	0,298	-0,005	0,012	0,178	FALSE
-0,107	0,306	-0,006	0,012	0,194	FALSE
0,023	0,294	0,000	0,008	0,017	FALSE
0,057	0,303	0,003	0,012	0,106	FALSE
0,067	0,302	0,001	0,006	0,045	FALSE
0,152	0,291	0,005	0,011	0,189	FALSE
-0,132	0,305	-0,003	0,008	0,167	FALSE
-0,012	0,316	0,000	0,009	0,016	FALSE
0,120	0,309	0,004	0,011	0,137	FALSE
0,128	0,289	0,004	0,008	0,226	FALSE
0,030	0,313	0,001	0,010	0,037	FALSE
0,107	0,308	0,003	0,011	0,125	FALSE
0,001	0,313	0,000	0,008	0,020	FALSE
0,045	0,308	0,001	0,010	0,048	FALSE
-0,097	0,310	-0,002	0,007	0,104	FALSE
0,011	0,303	0,000	0,010	0,008	FALSE
-0,054	0,321	-0,001	0,008	0,061	FALSE
0,015	0,311	0,001	0,011	0,032	FALSE
-0,070	0,297	-0,002	0,008	0,086	FALSE
0,030	0,311	0,001	0,010	0,044	FALSE
-0,020	0,307	0,000	0,008	0,014	FALSE
-0,040	0,312	-0,001	0,007	0,075	FALSE
0,113	0,315	0,005	0,011	0,180	FALSE
0,001	0,311	0,000	0,008	0,013	FALSE
-0,091	0,291	-0,003	0,008	0,144	FALSE
-0,068	0,311	-0,002	0,008	0,099	FALSE
-0,008	0,302	0,000	0,008	0,021	FALSE
-0,135	0,311	-0,003	0,007	0,188	FALSE
0,112	0,299	0,004	0,009	0,166	FALSE
0,039	0,317	0,002	0,010	0,069	FALSE
-0,037	0,316	-0,001	0,007	0,049	FALSE
0,022	0,297	0,000	0,007	0,017	FALSE
0,155	0,299	0,002	0,007	0,137	FALSE
0,018	0,304	0,000	0,007	0,026	FALSE
-0,083	0,309	-0,003	0,007	0,141	FALSE

0,043	0,295	0,001	0,007	0,038	FALSE
0,062	0,296	0,001	0,007	0,052	FALSE
0,131	0,308	0,005	0,012	0,185	FALSE
-0,046	0,307	-0,001	0,008	0,048	FALSE
0,025	0,304	0,002	0,010	0,056	FALSE
0,091	0,309	0,003	0,013	0,096	FALSE
-0,009	0,312	-0,001	0,012	0,019	FALSE
-0,055	0,312	-0,001	0,007	0,039	FALSE
0,025	0,306	0,001	0,011	0,037	FALSE
0,133	0,294	0,004	0,010	0,158	FALSE
-0,013	0,308	0,000	0,012	0,002	FALSE
-0,052	0,301	-0,001	0,010	0,040	FALSE
0,148	0,307	0,004	0,009	0,194	FALSE
0,119	0,311	0,004	0,012	0,119	FALSE
0,038	0,306	0,001	0,009	0,055	FALSE
0,058	0,310	0,002	0,011	0,052	FALSE
0,127	0,314	0,003	0,007	0,173	FALSE
-0,033	0,320	-0,001	0,009	0,037	FALSE
0,031	0,301	0,001	0,006	0,033	FALSE
-0,016	0,299	0,000	0,006	0,015	FALSE
0,096	0,306	0,002	0,009	0,096	FALSE
0,061	0,304	0,002	0,009	0,083	FALSE
-0,078	0,299	-0,003	0,011	0,088	FALSE
-0,062	0,309	-0,002	0,006	0,119	FALSE
0,090	0,315	0,003	0,012	0,101	FALSE
-0,010	0,299	0,000	0,007	0,000	FALSE
-0,062	0,320	-0,002	0,009	0,071	FALSE
0,054	0,292	0,001	0,011	0,021	FALSE
-0,035	0,313	-0,001	0,007	0,038	FALSE
0,028	0,304	0,001	0,012	0,017	FALSE
0,018	0,313	0,001	0,010	0,041	FALSE
-0,113	0,304	-0,004	0,013	0,140	FALSE
-0,035	0,305	0,000	0,010	0,009	FALSE
-0,167	0,296	-0,004	0,006	0,238	FALSE
0,032	0,298	0,000	0,007	0,026	FALSE
0,026	0,302	0,001	0,011	0,036	FALSE
0,070	0,300	0,003	0,011	0,101	FALSE
0,159	0,293	0,003	0,006	0,208	FALSE
-0,097	0,319	-0,004	0,013	0,133	FALSE
0,087	0,309	0,002	0,006	0,100	FALSE
-0,108	0,306	-0,003	0,007	0,161	FALSE
-0,014	0,292	0,000	0,012	0,005	FALSE
0,034	0,312	0,001	0,008	0,059	FALSE
-0,004	0,291	-0,001	0,012	0,034	FALSE
0,006	0,304	0,000	0,007	0,012	FALSE
-0,078	0,300	-0,004	0,013	0,128	FALSE
0,106	0,305	0,004	0,010	0,147	FALSE
0,004	0,305	0,000	0,006	0,005	FALSE
0,052	0,309	0,001	0,008	0,056	FALSE
0,088	0,309	0,002	0,009	0,084	FALSE
-0,159	0,311	-0,007	0,012	0,253	FALSE
-0,004	0,321	0,000	0,011	0,002	FALSE
0,012	0,307	0,001	0,011	0,019	FALSE

0,045	0,310	0,001	0,007	0,056	FALSE
0,013	0,321	0,001	0,011	0,022	FALSE
-0,053	0,317	-0,002	0,012	0,052	FALSE
0,148	0,290	0,005	0,008	0,260	FALSE
0,105	0,313	0,005	0,012	0,154	FALSE
-0,094	0,298	-0,003	0,010	0,131	FALSE
0,007	0,313	0,000	0,011	0,007	FALSE
0,043	0,294	0,001	0,012	0,026	FALSE
-0,007	0,308	0,000	0,007	0,003	FALSE
0,013	0,306	0,000	0,009	0,015	FALSE
0,121	0,287	0,003	0,007	0,190	FALSE
-0,107	0,302	-0,004	0,010	0,143	FALSE
0,123	0,310	0,003	0,008	0,172	FALSE
-0,134	0,306	-0,003	0,010	0,130	FALSE
-0,144	0,304	-0,005	0,012	0,161	FALSE
0,067	0,303	0,002	0,008	0,073	FALSE
-0,065	0,303	-0,002	0,010	0,090	FALSE
0,228	0,288	0,005	0,007	0,373	FALSE
0,050	0,304	0,003	0,012	0,082	FALSE
0,063	0,308	0,003	0,009	0,111	FALSE
0,100	0,318	0,002	0,007	0,135	FALSE
-0,159	0,301	-0,004	0,008	0,211	FALSE
-0,115	0,305	-0,004	0,009	0,159	FALSE
0,183	0,291	0,007	0,011	0,283	FALSE
-0,189	0,297	-0,005	0,008	0,289	FALSE
-0,071	0,315	-0,001	0,007	0,067	FALSE
-0,008	0,307	0,000	0,007	0,003	FALSE
0,086	0,293	0,003	0,011	0,105	FALSE
0,017	0,296	0,001	0,012	0,024	FALSE
0,055	0,292	0,002	0,012	0,074	FALSE
-0,101	0,292	-0,002	0,006	0,107	FALSE
-0,115	0,306	-0,004	0,011	0,156	FALSE
-0,026	0,314	-0,001	0,009	0,021	FALSE
0,105	0,313	0,003	0,012	0,108	FALSE
0,063	0,310	0,002	0,011	0,067	FALSE
0,002	0,315	0,000	0,009	0,002	FALSE
-0,070	0,300	-0,003	0,008	0,146	FALSE
-0,049	0,317	-0,001	0,009	0,037	FALSE
-0,081	0,305	-0,002	0,006	0,100	FALSE
0,004	0,303	0,001	0,010	0,048	FALSE
-0,094	0,302	-0,002	0,007	0,102	FALSE
-0,113	0,306	-0,003	0,007	0,140	FALSE
-0,126	0,303	-0,003	0,007	0,143	FALSE
-0,116	0,316	-0,004	0,012	0,144	FALSE
-0,050	0,316	-0,002	0,013	0,053	FALSE
-0,057	0,294	-0,002	0,010	0,084	FALSE
0,062	0,314	0,002	0,007	0,097	FALSE
0,152	0,279	0,003	0,006	0,222	FALSE
0,144	0,303	0,006	0,012	0,204	FALSE
0,148	0,300	0,006	0,011	0,209	FALSE
0,120	0,297	0,004	0,008	0,170	FALSE
-0,067	0,305	-0,002	0,012	0,071	FALSE
-0,120	0,297	-0,003	0,009	0,153	FALSE

0,085	0,301	0,002	0,008	0,103	FALSE
0,100	0,299	0,002	0,007	0,127	FALSE
-0,011	0,303	-0,001	0,007	0,029	FALSE
0,051	0,310	0,001	0,006	0,043	FALSE
-0,028	0,313	-0,001	0,011	0,036	FALSE
-0,032	0,311	-0,002	0,007	0,092	FALSE
-0,073	0,313	-0,001	0,010	0,048	FALSE
-0,153	0,305	-0,005	0,008	0,251	FALSE
0,036	0,301	0,001	0,008	0,038	FALSE
0,131	0,290	0,006	0,012	0,230	FALSE
0,030	0,301	0,001	0,008	0,063	FALSE
-0,002	0,315	0,001	0,012	0,024	FALSE
0,085	0,300	0,003	0,008	0,135	FALSE
-0,097	0,307	-0,005	0,012	0,160	FALSE
0,036	0,294	0,000	0,010	0,003	FALSE
-0,049	0,297	-0,003	0,012	0,106	FALSE
0,048	0,286	0,001	0,007	0,066	FALSE
0,084	0,305	0,004	0,010	0,155	FALSE
-0,005	0,297	-0,001	0,010	0,044	FALSE
0,168	0,300	0,007	0,012	0,230	FALSE
0,062	0,301	0,002	0,010	0,076	FALSE
0,072	0,307	0,002	0,010	0,091	FALSE
-0,127	0,299	-0,006	0,011	0,216	FALSE
-0,186	0,305	-0,007	0,012	0,256	FALSE
-0,107	0,297	-0,002	0,008	0,118	FALSE
-0,097	0,305	-0,003	0,012	0,082	FALSE
0,118	0,300	0,003	0,010	0,105	FALSE
0,011	0,315	0,001	0,012	0,021	FALSE
-0,019	0,319	0,000	0,012	0,001	FALSE
-0,014	0,299	0,000	0,012	0,013	FALSE
-0,132	0,311	-0,002	0,007	0,140	FALSE
-0,107	0,309	-0,005	0,012	0,181	FALSE
-0,002	0,313	0,000	0,009	0,001	FALSE
-0,042	0,313	-0,002	0,012	0,061	FALSE
0,023	0,309	0,001	0,010	0,030	FALSE
0,014	0,320	0,000	0,011	0,001	FALSE
0,016	0,312	0,001	0,011	0,021	FALSE
0,022	0,317	0,001	0,009	0,055	FALSE
-0,053	0,287	-0,001	0,011	0,040	FALSE
0,054	0,303	0,001	0,012	0,046	FALSE
0,069	0,297	0,001	0,008	0,058	FALSE
0,012	0,309	0,000	0,010	0,008	FALSE
-0,044	0,301	-0,001	0,007	0,045	FALSE
0,025	0,309	0,000	0,007	0,016	FALSE
0,074	0,291	0,003	0,010	0,127	FALSE
-0,102	0,303	-0,003	0,008	0,164	FALSE
0,000	0,305	0,000	0,008	0,010	FALSE
0,041	0,310	0,002	0,007	0,085	FALSE
0,072	0,306	0,003	0,009	0,114	FALSE
-0,069	0,308	-0,001	0,007	0,044	FALSE
-0,112	0,311	-0,005	0,012	0,173	FALSE
-0,110	0,315	-0,003	0,008	0,127	FALSE
-0,033	0,305	-0,001	0,010	0,020	FALSE

-0,036	0,318	-0,001	0,009	0,055	FALSE
-0,238	0,299	-0,008	0,009	0,405	FALSE
0,037	0,297	0,001	0,008	0,045	FALSE
-0,068	0,312	-0,002	0,011	0,060	FALSE
-0,014	0,297	-0,001	0,006	0,034	FALSE
0,107	0,305	0,003	0,007	0,136	FALSE
0,035	0,312	0,001	0,007	0,041	FALSE
-0,031	0,310	0,000	0,007	0,013	FALSE
-0,070	0,298	-0,004	0,010	0,140	FALSE
-0,121	0,301	-0,006	0,012	0,208	FALSE
-0,163	0,304	-0,007	0,013	0,255	FALSE
-0,127	0,318	-0,003	0,007	0,188	FALSE
-0,132	0,313	-0,004	0,008	0,200	FALSE
0,074	0,307	0,001	0,011	0,043	FALSE
0,101	0,312	0,003	0,012	0,082	FALSE
-0,100	0,306	-0,003	0,011	0,127	FALSE
-0,085	0,308	-0,002	0,006	0,119	FALSE
-0,008	0,319	-0,001	0,010	0,020	FALSE
-0,095	0,301	-0,003	0,009	0,136	FALSE
-0,056	0,310	-0,003	0,013	0,081	FALSE
0,015	0,303	0,000	0,006	0,021	FALSE
-0,025	0,293	-0,002	0,012	0,072	FALSE
0,082	0,295	0,002	0,006	0,114	FALSE
-0,041	0,302	-0,001	0,006	0,051	FALSE
0,015	0,313	0,001	0,006	0,041	FALSE
0,059	0,307	0,002	0,011	0,074	FALSE
-0,028	0,310	-0,001	0,008	0,046	FALSE
-0,046	0,311	-0,001	0,010	0,049	FALSE
-0,048	0,308	-0,003	0,012	0,086	FALSE
-0,001	0,309	-0,001	0,010	0,021	FALSE
0,076	0,296	0,003	0,011	0,116	FALSE
0,096	0,302	0,003	0,008	0,128	FALSE
-0,046	0,308	-0,001	0,008	0,035	FALSE
-0,087	0,313	-0,003	0,011	0,116	FALSE
-0,089	0,309	-0,003	0,010	0,123	FALSE
0,097	0,296	0,003	0,011	0,118	FALSE
-0,095	0,299	-0,002	0,006	0,120	FALSE
-0,164	0,302	-0,006	0,011	0,234	FALSE
-0,095	0,296	-0,002	0,006	0,152	FALSE
-0,113	0,304	-0,003	0,008	0,139	FALSE
0,058	0,303	0,001	0,007	0,072	FALSE
0,024	0,316	0,001	0,008	0,028	FALSE
0,017	0,310	0,001	0,008	0,023	FALSE
0,021	0,300	0,001	0,008	0,025	FALSE
0,078	0,296	0,003	0,011	0,121	FALSE
0,142	0,298	0,003	0,008	0,172	FALSE
0,119	0,303	0,003	0,008	0,166	FALSE
-0,026	0,316	-0,001	0,008	0,026	FALSE
-0,011	0,302	0,000	0,011	0,000	FALSE
0,040	0,301	0,001	0,009	0,048	FALSE
-0,045	0,303	-0,001	0,006	0,035	FALSE
0,019	0,301	0,001	0,011	0,021	FALSE
-0,160	0,317	-0,004	0,007	0,215	FALSE

-0,011	0,295	-0,002	0,012	0,055	FALSE
0,043	0,306	0,001	0,009	0,034	FALSE
0,021	0,305	0,001	0,010	0,049	FALSE
-0,103	0,307	-0,002	0,007	0,135	FALSE
0,043	0,315	0,001	0,009	0,056	FALSE
0,101	0,306	0,002	0,007	0,115	FALSE
-0,027	0,327	-0,001	0,008	0,039	FALSE
0,016	0,307	0,000	0,012	0,010	FALSE
-0,041	0,321	-0,002	0,013	0,071	FALSE
-0,025	0,317	-0,002	0,013	0,067	FALSE
0,007	0,312	0,000	0,007	0,005	FALSE
-0,058	0,308	-0,001	0,010	0,052	FALSE
-0,052	0,314	-0,002	0,011	0,074	FALSE
-0,051	0,308	-0,001	0,009	0,057	FALSE
-0,148	0,301	-0,003	0,006	0,200	FALSE
0,065	0,316	0,002	0,008	0,079	FALSE
0,041	0,318	0,001	0,011	0,046	FALSE
0,033	0,317	0,000	0,008	0,017	FALSE
0,026	0,317	0,001	0,011	0,025	FALSE
0,181	0,278	0,005	0,009	0,250	FALSE
0,000	0,307	0,000	0,012	0,014	FALSE
0,032	0,311	0,001	0,007	0,059	FALSE
-0,096	0,293	-0,005	0,012	0,151	FALSE
0,056	0,308	0,001	0,008	0,049	FALSE
0,011	0,298	0,001	0,008	0,041	FALSE
-0,021	0,299	-0,001	0,012	0,032	FALSE
-0,070	0,314	-0,002	0,010	0,084	FALSE
-0,168	0,300	-0,003	0,006	0,228	FALSE
0,159	0,304	0,003	0,007	0,203	FALSE
-0,117	0,318	-0,003	0,007	0,162	FALSE
-0,069	0,308	-0,002	0,012	0,050	FALSE
-0,120	0,315	-0,004	0,013	0,117	FALSE
0,101	0,315	0,004	0,013	0,126	FALSE
0,075	0,317	0,002	0,007	0,095	FALSE
-0,027	0,307	-0,001	0,010	0,031	FALSE
-0,009	0,298	-0,001	0,012	0,015	FALSE
0,033	0,306	0,002	0,011	0,079	FALSE
0,066	0,310	0,003	0,011	0,093	FALSE
0,050	0,311	0,002	0,012	0,061	FALSE
0,100	0,297	0,003	0,012	0,114	FALSE
0,172	0,294	0,006	0,011	0,245	FALSE
0,127	0,296	0,003	0,006	0,172	FALSE
0,158	0,293	0,007	0,012	0,256	FALSE
-0,069	0,305	-0,002	0,006	0,094	FALSE
0,103	0,295	0,004	0,009	0,173	FALSE
0,051	0,301	0,001	0,008	0,048	FALSE
-0,142	0,297	-0,005	0,012	0,184	FALSE
-0,041	0,316	-0,002	0,011	0,053	FALSE
-0,093	0,311	-0,004	0,013	0,108	FALSE
-0,027	0,307	-0,001	0,012	0,029	FALSE
0,126	0,304	0,004	0,008	0,197	FALSE
-0,019	0,302	0,000	0,008	0,016	FALSE
0,102	0,305	0,003	0,009	0,138	FALSE

-0,015	0,322	0,000	0,009	0,017	FALSE
-0,106	0,300	-0,004	0,010	0,150	FALSE
0,051	0,314	0,002	0,013	0,061	FALSE
-0,165	0,304	-0,005	0,010	0,202	FALSE
0,018	0,302	0,001	0,011	0,040	FALSE
-0,013	0,300	0,000	0,011	0,004	FALSE
-0,147	0,284	-0,005	0,010	0,200	FALSE
-0,008	0,297	-0,001	0,013	0,016	FALSE
-0,117	0,303	-0,003	0,006	0,173	FALSE
-0,131	0,297	-0,005	0,010	0,205	FALSE
0,017	0,303	0,000	0,010	0,015	FALSE
-0,004	0,304	-0,001	0,012	0,030	FALSE
-0,001	0,317	0,000	0,009	0,005	FALSE
-0,043	0,314	-0,002	0,011	0,055	FALSE
-0,053	0,305	-0,002	0,012	0,071	FALSE
0,062	0,304	0,002	0,007	0,115	FALSE
0,018	0,331	0,000	0,007	0,011	FALSE
-0,069	0,299	-0,004	0,011	0,139	FALSE
0,034	0,283	0,001	0,009	0,059	FALSE
-0,063	0,312	-0,002	0,008	0,096	FALSE
-0,078	0,312	-0,002	0,008	0,111	FALSE
0,038	0,305	0,001	0,006	0,059	FALSE
0,027	0,303	0,001	0,007	0,031	FALSE
0,056	0,299	0,001	0,007	0,084	FALSE
0,080	0,305	0,002	0,007	0,125	FALSE
0,105	0,298	0,003	0,007	0,154	FALSE
0,078	0,299	0,002	0,007	0,123	FALSE
-0,014	0,299	0,000	0,009	0,007	FALSE
0,018	0,310	0,000	0,009	0,015	FALSE
0,125	0,303	0,006	0,013	0,180	FALSE
0,163	0,292	0,006	0,011	0,236	FALSE
0,161	0,301	0,006	0,009	0,277	FALSE
-0,142	0,308	-0,003	0,007	0,157	FALSE
-0,192	0,295	-0,005	0,008	0,267	FALSE
0,192	0,281	0,007	0,010	0,301	FALSE
0,095	0,303	0,001	0,006	0,088	FALSE
0,175	0,307	0,007	0,012	0,259	FALSE
0,201	0,310	0,008	0,013	0,283	FALSE
0,015	0,321	0,000	0,011	0,006	FALSE
-0,064	0,313	-0,002	0,013	0,057	FALSE
0,086	0,295	0,004	0,011	0,136	FALSE
-0,060	0,315	-0,002	0,010	0,084	FALSE
-0,180	0,300	-0,008	0,012	0,310	FALSE
0,094	0,302	0,003	0,012	0,098	FALSE
0,114	0,301	0,003	0,009	0,120	FALSE
-0,027	0,299	-0,002	0,010	0,065	FALSE
0,039	0,312	0,001	0,008	0,028	FALSE
-0,154	0,303	-0,005	0,010	0,208	FALSE
-0,029	0,321	0,000	0,007	0,016	FALSE
-0,071	0,301	-0,002	0,007	0,085	FALSE
0,023	0,320	0,000	0,009	0,009	FALSE
0,035	0,306	0,001	0,011	0,031	FALSE
0,018	0,312	0,000	0,008	0,005	FALSE

-0,089	0,298	-0,002	0,006	0,137	FALSE
0,056	0,304	0,001	0,006	0,078	FALSE
0,086	0,312	0,003	0,010	0,130	FALSE
-0,032	0,296	-0,002	0,009	0,063	FALSE
0,013	0,318	0,001	0,011	0,017	FALSE
-0,073	0,303	-0,001	0,007	0,078	FALSE
-0,057	0,304	-0,001	0,007	0,047	FALSE
-0,054	0,309	-0,001	0,006	0,048	FALSE
0,013	0,297	0,000	0,007	0,002	FALSE
-0,171	0,301	-0,007	0,012	0,248	FALSE
-0,149	0,313	-0,003	0,007	0,204	FALSE
-0,048	0,301	-0,001	0,008	0,063	FALSE
-0,016	0,305	-0,001	0,006	0,032	FALSE
-0,060	0,308	-0,002	0,009	0,070	FALSE
-0,032	0,299	-0,001	0,008	0,030	FALSE
0,033	0,306	0,001	0,013	0,029	FALSE
0,032	0,308	0,001	0,011	0,046	FALSE
-0,008	0,306	0,000	0,007	0,012	FALSE
-0,025	0,303	0,000	0,008	0,014	FALSE
0,039	0,313	0,001	0,006	0,079	FALSE
-0,089	0,308	-0,002	0,008	0,118	FALSE
0,028	0,311	0,001	0,011	0,031	FALSE
0,015	0,299	0,000	0,011	0,009	FALSE
-0,064	0,311	-0,001	0,008	0,069	FALSE
0,007	0,309	0,000	0,009	0,007	FALSE
-0,046	0,313	-0,002	0,012	0,056	FALSE
0,102	0,298	0,002	0,008	0,124	FALSE
0,114	0,299	0,003	0,007	0,145	FALSE
0,139	0,309	0,003	0,006	0,182	FALSE
-0,002	0,304	0,000	0,006	0,025	FALSE
0,016	0,303	0,000	0,010	0,006	FALSE
-0,013	0,315	-0,001	0,012	0,019	FALSE
0,151	0,303	0,006	0,011	0,238	FALSE
-0,046	0,308	-0,002	0,009	0,069	FALSE
-0,089	0,291	-0,003	0,009	0,135	FALSE
0,052	0,307	0,001	0,007	0,057	FALSE
0,108	0,309	0,005	0,011	0,160	FALSE
0,097	0,315	0,005	0,013	0,156	FALSE
-0,063	0,308	-0,002	0,011	0,082	FALSE
0,043	0,291	0,002	0,012	0,075	FALSE
-0,023	0,306	-0,001	0,011	0,024	FALSE
-0,109	0,301	-0,002	0,006	0,127	FALSE
-0,123	0,296	-0,002	0,006	0,135	FALSE
-0,072	0,305	-0,001	0,009	0,061	FALSE
0,013	0,296	0,001	0,010	0,021	FALSE
-0,018	0,294	0,000	0,010	0,001	FALSE
-0,058	0,311	-0,001	0,006	0,049	FALSE
-0,041	0,305	0,000	0,006	0,024	FALSE
-0,050	0,297	-0,001	0,011	0,045	FALSE
0,158	0,294	0,005	0,009	0,235	FALSE
-0,211	0,296	-0,008	0,011	0,336	FALSE
-0,126	0,301	-0,004	0,009	0,191	FALSE
-0,062	0,316	-0,001	0,007	0,059	FALSE

-0,010	0,311	-0,001	0,009	0,027	FALSE
-0,071	0,300	-0,002	0,006	0,109	FALSE
0,020	0,313	0,000	0,010	0,004	FALSE
-0,110	0,308	-0,002	0,007	0,135	FALSE
-0,075	0,318	-0,002	0,010	0,080	FALSE
-0,035	0,314	-0,001	0,007	0,061	FALSE
-0,019	0,313	-0,001	0,007	0,038	FALSE
-0,079	0,293	-0,003	0,008	0,123	FALSE
-0,035	0,316	-0,001	0,011	0,040	FALSE
0,160	0,311	0,003	0,007	0,178	FALSE
0,176	0,295	0,003	0,006	0,216	FALSE
-0,176	0,319	-0,005	0,009	0,223	FALSE
0,042	0,305	0,002	0,012	0,061	FALSE
0,036	0,291	0,003	0,009	0,105	FALSE
-0,139	0,301	-0,006	0,010	0,234	FALSE
0,050	0,313	0,003	0,013	0,087	FALSE
-0,046	0,295	-0,001	0,006	0,063	FALSE
-0,127	0,309	-0,005	0,011	0,193	FALSE
0,054	0,328	0,002	0,013	0,045	FALSE
-0,040	0,299	0,000	0,006	0,010	FALSE
-0,068	0,305	-0,003	0,010	0,125	FALSE
-0,037	0,304	-0,001	0,008	0,045	FALSE
-0,058	0,289	-0,002	0,009	0,081	FALSE
-0,093	0,313	-0,002	0,008	0,112	FALSE
0,169	0,306	0,004	0,008	0,216	FALSE
0,040	0,311	0,001	0,006	0,029	FALSE
0,036	0,298	0,000	0,006	0,025	FALSE
0,092	0,302	0,004	0,011	0,129	FALSE
0,137	0,311	0,003	0,009	0,151	FALSE
-0,009	0,300	0,000	0,007	0,008	FALSE
-0,048	0,312	-0,001	0,013	0,036	FALSE
-0,028	0,325	0,000	0,007	0,025	FALSE
0,052	0,303	0,002	0,012	0,048	FALSE
0,055	0,307	0,002	0,009	0,065	FALSE
0,057	0,293	0,002	0,009	0,071	FALSE
-0,002	0,317	0,000	0,007	0,004	FALSE
-0,026	0,309	-0,001	0,010	0,025	FALSE
0,047	0,303	0,001	0,011	0,039	FALSE
-0,060	0,305	-0,002	0,012	0,058	FALSE
-0,022	0,309	0,000	0,011	0,014	FALSE
-0,047	0,309	-0,002	0,012	0,056	FALSE
-0,090	0,308	-0,003	0,011	0,110	FALSE
-0,115	0,301	-0,004	0,010	0,141	FALSE
0,070	0,301	0,003	0,010	0,119	FALSE
0,003	0,315	0,000	0,007	0,008	FALSE
0,023	0,289	0,001	0,007	0,047	FALSE
-0,001	0,308	0,000	0,012	0,007	FALSE
0,072	0,317	0,002	0,012	0,075	FALSE
0,017	0,306	0,000	0,008	0,003	FALSE
0,088	0,318	0,003	0,008	0,128	FALSE
0,084	0,320	0,005	0,013	0,142	FALSE
0,006	0,303	0,000	0,006	0,015	FALSE
-0,053	0,311	-0,003	0,011	0,089	FALSE

-0,079	0,298	-0,002	0,008	0,093	FALSE
0,013	0,299	0,000	0,007	0,026	FALSE
0,109	0,309	0,003	0,009	0,148	FALSE
-0,121	0,316	-0,003	0,009	0,144	FALSE
-0,017	0,328	-0,001	0,011	0,017	FALSE
0,024	0,303	0,002	0,011	0,052	FALSE
0,011	0,310	0,000	0,012	0,003	FALSE
0,010	0,297	0,001	0,010	0,027	FALSE
-0,022	0,315	-0,001	0,006	0,036	FALSE
-0,015	0,319	-0,001	0,007	0,038	FALSE
-0,003	0,313	0,000	0,008	0,002	FALSE
0,075	0,306	0,003	0,008	0,143	FALSE
0,064	0,306	0,003	0,008	0,139	FALSE
0,066	0,308	0,003	0,008	0,130	FALSE
0,109	0,306	0,004	0,008	0,194	FALSE
0,071	0,312	0,002	0,008	0,126	FALSE
0,078	0,307	0,003	0,008	0,173	FALSE
-0,015	0,305	-0,001	0,009	0,056	FALSE
0,023	0,298	0,002	0,012	0,056	FALSE
0,028	0,313	0,002	0,012	0,048	FALSE
0,148	0,304	0,004	0,007	0,215	FALSE
0,062	0,304	0,001	0,006	0,083	FALSE
-0,223	0,278	-0,006	0,009	0,299	FALSE
0,090	0,307	0,001	0,006	0,088	FALSE
0,107	0,305	0,004	0,011	0,132	FALSE
-0,013	0,311	0,000	0,007	0,021	FALSE
0,037	0,318	0,001	0,013	0,019	FALSE
0,080	0,299	0,001	0,007	0,055	FALSE
0,025	0,307	0,000	0,007	0,002	FALSE
-0,092	0,307	-0,004	0,012	0,145	FALSE
-0,034	0,301	-0,002	0,009	0,074	FALSE
0,033	0,311	0,002	0,011	0,064	FALSE
-0,005	0,306	-0,001	0,010	0,030	FALSE
0,057	0,308	0,002	0,006	0,117	FALSE
-0,053	0,302	-0,003	0,011	0,090	FALSE
0,044	0,307	0,001	0,006	0,040	FALSE
0,036	0,313	0,001	0,008	0,062	FALSE
0,074	0,291	0,003	0,011	0,110	FALSE
0,150	0,305	0,004	0,009	0,191	FALSE
0,036	0,294	0,001	0,010	0,056	FALSE
0,015	0,305	0,000	0,008	0,009	FALSE
0,043	0,279	0,003	0,010	0,109	FALSE
-0,087	0,316	-0,003	0,008	0,145	FALSE
-0,097	0,296	-0,003	0,010	0,124	FALSE
-0,047	0,311	-0,002	0,012	0,048	FALSE
0,028	0,312	0,001	0,009	0,020	FALSE
-0,047	0,308	-0,001	0,009	0,061	FALSE
0,000	0,315	0,000	0,006	0,003	FALSE
0,020	0,306	0,001	0,006	0,050	FALSE
-0,026	0,314	0,000	0,011	0,001	FALSE
0,058	0,309	0,002	0,012	0,056	FALSE
-0,113	0,306	-0,004	0,011	0,160	FALSE
-0,020	0,300	-0,001	0,012	0,015	FALSE

0,084	0,307	0,004	0,013	0,115	FALSE
0,078	0,306	0,002	0,012	0,073	FALSE
-0,042	0,312	-0,002	0,012	0,051	FALSE
0,050	0,308	0,002	0,011	0,080	FALSE
0,034	0,318	0,002	0,011	0,071	FALSE
-0,042	0,298	-0,001	0,007	0,037	FALSE
0,248	0,288	0,006	0,007	0,399	FALSE
-0,154	0,308	-0,003	0,006	0,206	FALSE
0,101	0,307	0,003	0,009	0,120	FALSE
0,097	0,310	0,004	0,012	0,131	FALSE
0,050	0,312	0,002	0,007	0,091	FALSE
0,012	0,305	0,000	0,009	0,004	FALSE
-0,020	0,303	-0,001	0,009	0,024	FALSE
0,096	0,308	0,003	0,009	0,130	FALSE
-0,112	0,307	-0,003	0,009	0,126	FALSE
0,006	0,304	0,001	0,011	0,017	FALSE
0,194	0,293	0,005	0,008	0,284	FALSE
-0,031	0,310	0,000	0,007	0,018	FALSE
0,002	0,311	0,001	0,013	0,027	FALSE
0,035	0,298	0,002	0,010	0,074	FALSE
0,226	0,290	0,009	0,010	0,385	FALSE
0,039	0,303	0,002	0,011	0,050	FALSE
-0,113	0,318	-0,005	0,013	0,146	FALSE
-0,166	0,300	-0,003	0,006	0,203	FALSE
0,023	0,318	0,002	0,010	0,067	FALSE
0,014	0,312	0,002	0,010	0,055	FALSE
-0,049	0,316	-0,002	0,012	0,073	FALSE
0,014	0,312	0,000	0,012	0,008	FALSE
0,189	0,284	0,004	0,006	0,268	FALSE
-0,063	0,302	-0,002	0,009	0,080	FALSE
0,003	0,303	0,000	0,010	0,008	FALSE
0,025	0,317	0,001	0,010	0,037	FALSE
0,119	0,316	0,003	0,009	0,164	FALSE
-0,008	0,316	0,000	0,011	0,005	FALSE
-0,011	0,316	-0,001	0,013	0,034	FALSE
-0,056	0,313	-0,001	0,013	0,043	FALSE
-0,149	0,317	-0,003	0,007	0,184	FALSE
-0,115	0,297	-0,003	0,007	0,173	FALSE
-0,118	0,303	-0,003	0,007	0,171	FALSE
-0,114	0,304	-0,004	0,012	0,137	FALSE
0,013	0,311	0,000	0,007	0,021	FALSE
-0,040	0,305	-0,001	0,008	0,051	FALSE
-0,056	0,325	-0,001	0,008	0,063	FALSE
-0,020	0,291	-0,002	0,008	0,078	FALSE
-0,133	0,313	-0,004	0,012	0,130	FALSE
-0,133	0,303	-0,003	0,009	0,146	FALSE
-0,042	0,311	0,000	0,007	0,025	FALSE
-0,003	0,319	0,000	0,007	0,010	FALSE
-0,024	0,310	-0,001	0,009	0,043	FALSE
0,080	0,296	0,003	0,011	0,093	FALSE
0,119	0,299	0,004	0,011	0,159	FALSE
-0,042	0,295	-0,002	0,009	0,077	FALSE
-0,067	0,308	-0,002	0,010	0,068	FALSE

-0,077	0,316	-0,002	0,010	0,075	FALSE
-0,060	0,300	-0,001	0,009	0,060	FALSE
-0,071	0,316	-0,002	0,009	0,070	FALSE
0,004	0,307	0,000	0,009	0,017	FALSE
0,009	0,311	0,001	0,012	0,020	FALSE
0,024	0,306	0,001	0,006	0,044	FALSE
-0,049	0,300	-0,002	0,007	0,096	FALSE
0,085	0,308	0,002	0,008	0,117	FALSE
-0,054	0,316	-0,001	0,013	0,042	FALSE
0,002	0,311	0,000	0,009	0,003	FALSE
0,005	0,312	0,000	0,010	0,005	FALSE
0,030	0,310	0,001	0,012	0,029	FALSE
-0,108	0,295	-0,003	0,007	0,146	FALSE
-0,013	0,303	0,000	0,010	0,008	FALSE
0,106	0,301	0,003	0,010	0,133	FALSE
0,097	0,309	0,002	0,008	0,094	FALSE
-0,027	0,316	-0,001	0,007	0,045	FALSE
0,021	0,312	0,001	0,012	0,025	FALSE
0,019	0,302	0,000	0,009	0,013	FALSE
-0,049	0,304	-0,002	0,011	0,062	FALSE
0,079	0,306	0,003	0,012	0,091	FALSE
0,009	0,315	0,000	0,007	0,026	FALSE
0,028	0,305	0,001	0,006	0,050	FALSE
0,085	0,320	0,002	0,008	0,098	FALSE
0,034	0,309	0,000	0,006	0,008	FALSE
-0,090	0,311	-0,002	0,008	0,116	FALSE
-0,058	0,312	-0,002	0,008	0,083	FALSE
0,118	0,302	0,003	0,006	0,175	FALSE
-0,099	0,316	-0,003	0,008	0,123	FALSE
-0,123	0,302	-0,003	0,009	0,157	FALSE
-0,078	0,303	-0,002	0,007	0,123	FALSE
0,056	0,311	0,003	0,013	0,080	FALSE
0,026	0,296	0,001	0,012	0,043	FALSE
-0,045	0,305	-0,002	0,011	0,073	FALSE
-0,030	0,312	-0,001	0,008	0,033	FALSE
0,050	0,311	0,001	0,007	0,072	FALSE
0,066	0,308	0,002	0,007	0,098	FALSE
-0,108	0,304	-0,004	0,010	0,137	FALSE
-0,140	0,309	-0,005	0,012	0,177	FALSE
-0,050	0,317	-0,001	0,012	0,032	FALSE
0,110	0,305	0,005	0,011	0,204	FALSE
0,137	0,302	0,005	0,011	0,189	FALSE
-0,004	0,319	0,000	0,008	0,022	FALSE
0,126	0,305	0,006	0,013	0,181	FALSE
0,148	0,295	0,006	0,012	0,224	FALSE
0,124	0,303	0,005	0,012	0,168	FALSE
-0,045	0,314	-0,002	0,009	0,071	FALSE
-0,052	0,322	-0,001	0,008	0,062	FALSE
0,163	0,279	0,004	0,007	0,260	FALSE
0,034	0,288	0,002	0,009	0,065	FALSE
-0,013	0,311	0,000	0,007	0,006	FALSE
0,073	0,305	0,001	0,007	0,072	FALSE
0,001	0,307	0,000	0,007	0,010	FALSE

-0,017	0,318	0,000	0,007	0,005	FALSE
0,029	0,305	0,001	0,013	0,036	FALSE
-0,001	0,320	0,000	0,011	0,006	FALSE
0,036	0,307	0,001	0,007	0,042	FALSE
-0,038	0,312	-0,001	0,010	0,041	FALSE
-0,074	0,309	-0,002	0,010	0,089	FALSE
0,103	0,308	0,004	0,012	0,121	FALSE
0,119	0,309	0,004	0,012	0,135	FALSE
0,007	0,316	0,000	0,012	0,000	FALSE
0,082	0,299	0,002	0,009	0,102	FALSE
0,101	0,287	0,003	0,006	0,207	FALSE
-0,068	0,318	-0,002	0,006	0,088	FALSE
-0,098	0,305	-0,003	0,009	0,141	FALSE
-0,081	0,310	-0,003	0,010	0,117	FALSE
-0,046	0,310	-0,001	0,007	0,045	FALSE
-0,024	0,320	0,000	0,008	0,023	FALSE
0,063	0,309	0,001	0,007	0,064	FALSE
0,011	0,303	0,000	0,008	0,004	FALSE
-0,004	0,314	-0,001	0,011	0,030	FALSE
-0,043	0,309	-0,003	0,011	0,093	FALSE
0,072	0,319	0,001	0,010	0,050	FALSE
0,018	0,299	0,001	0,008	0,065	FALSE
-0,080	0,288	-0,004	0,011	0,125	FALSE
-0,052	0,306	-0,002	0,012	0,074	FALSE
0,008	0,283	0,001	0,010	0,022	FALSE
-0,013	0,307	-0,001	0,010	0,029	FALSE
-0,010	0,289	0,000	0,010	0,000	FALSE
-0,078	0,310	-0,002	0,007	0,122	FALSE
0,036	0,291	0,001	0,006	0,073	FALSE
0,127	0,298	0,003	0,008	0,153	FALSE
0,108	0,303	0,003	0,007	0,156	FALSE
-0,065	0,312	-0,001	0,007	0,074	FALSE
-0,035	0,309	-0,001	0,012	0,024	FALSE
-0,048	0,300	-0,001	0,009	0,059	FALSE
0,059	0,292	0,001	0,008	0,055	FALSE
-0,090	0,298	-0,002	0,007	0,092	FALSE
-0,055	0,321	-0,001	0,007	0,043	FALSE
0,059	0,305	0,002	0,008	0,075	FALSE
-0,116	0,307	-0,003	0,007	0,167	FALSE
-0,134	0,289	-0,004	0,008	0,191	FALSE
-0,010	0,304	-0,001	0,008	0,024	FALSE
-0,065	0,317	-0,003	0,013	0,095	FALSE
0,007	0,319	0,000	0,008	0,001	FALSE
0,012	0,306	0,000	0,009	0,012	FALSE
0,053	0,319	0,001	0,007	0,060	FALSE
0,050	0,301	0,002	0,009	0,079	FALSE
0,067	0,290	0,002	0,009	0,097	FALSE
-0,045	0,305	-0,002	0,010	0,062	FALSE
0,082	0,294	0,003	0,012	0,086	FALSE
-0,055	0,298	-0,002	0,012	0,050	FALSE
0,089	0,303	0,002	0,009	0,089	FALSE
0,059	0,302	0,001	0,010	0,050	FALSE
0,031	0,315	0,000	0,008	0,019	FALSE

0,046	0,306	0,001	0,010	0,032	FALSE
0,032	0,303	0,001	0,008	0,040	FALSE
-0,027	0,318	-0,002	0,012	0,059	FALSE
-0,009	0,313	0,000	0,006	0,018	FALSE
-0,128	0,315	-0,005	0,011	0,166	FALSE
-0,097	0,309	-0,003	0,010	0,122	FALSE
-0,073	0,311	-0,002	0,012	0,073	FALSE
0,093	0,309	0,003	0,013	0,094	FALSE
-0,086	0,309	-0,002	0,008	0,107	FALSE
-0,078	0,304	-0,003	0,012	0,085	FALSE
-0,063	0,311	-0,002	0,008	0,078	FALSE
0,028	0,302	0,001	0,010	0,045	FALSE
0,054	0,309	0,003	0,009	0,115	FALSE
-0,042	0,307	-0,002	0,009	0,081	FALSE
0,076	0,312	0,003	0,012	0,095	FALSE
-0,110	0,309	-0,005	0,012	0,154	FALSE
-0,051	0,321	-0,001	0,008	0,055	FALSE
0,012	0,312	0,000	0,010	0,005	FALSE
-0,084	0,292	-0,003	0,010	0,100	FALSE
-0,068	0,315	-0,002	0,010	0,087	FALSE
-0,034	0,302	-0,001	0,009	0,034	FALSE
0,034	0,322	0,001	0,009	0,026	FALSE
0,062	0,317	0,002	0,009	0,082	FALSE
0,059	0,311	0,002	0,007	0,090	FALSE
-0,052	0,297	-0,002	0,007	0,078	FALSE
-0,069	0,306	-0,002	0,009	0,068	FALSE
-0,198	0,294	-0,006	0,009	0,260	FALSE
0,022	0,295	0,001	0,006	0,038	FALSE
0,003	0,298	0,000	0,010	0,000	FALSE
0,019	0,314	0,001	0,007	0,031	FALSE
-0,014	0,316	0,000	0,010	0,002	FALSE
-0,023	0,316	0,000	0,007	0,025	FALSE
0,026	0,310	0,002	0,010	0,061	FALSE
0,188	0,295	0,005	0,008	0,289	FALSE
-0,040	0,315	-0,001	0,008	0,052	FALSE
-0,124	0,305	-0,004	0,010	0,169	FALSE
-0,036	0,310	-0,001	0,007	0,046	FALSE
-0,051	0,299	-0,002	0,011	0,061	FALSE
-0,054	0,311	-0,001	0,006	0,065	FALSE
-0,126	0,301	-0,005	0,012	0,167	FALSE
0,063	0,307	0,001	0,007	0,074	FALSE
-0,148	0,290	-0,004	0,009	0,205	FALSE
0,105	0,299	0,004	0,012	0,129	FALSE
-0,135	0,293	-0,005	0,011	0,193	FALSE
0,021	0,311	0,000	0,008	0,018	FALSE
0,059	0,313	0,001	0,007	0,048	FALSE
-0,229	0,305	-0,009	0,012	0,340	FALSE
-0,204	0,298	-0,008	0,011	0,313	FALSE
0,020	0,312	0,000	0,007	0,013	FALSE
-0,015	0,310	0,000	0,012	0,005	FALSE
0,003	0,310	0,000	0,007	0,003	FALSE
0,039	0,298	0,001	0,010	0,043	FALSE
0,034	0,284	0,002	0,009	0,070	FALSE

0,100	0,309	0,002	0,011	0,085	FALSE
0,070	0,311	0,001	0,011	0,050	FALSE
-0,122	0,306	-0,005	0,012	0,177	FALSE
-0,012	0,302	0,000	0,007	0,003	FALSE
0,002	0,313	0,000	0,009	0,016	FALSE
0,038	0,296	0,001	0,009	0,061	FALSE
0,069	0,305	0,002	0,008	0,076	FALSE
-0,091	0,311	-0,002	0,008	0,072	FALSE
0,005	0,308	-0,001	0,012	0,023	FALSE
0,045	0,305	0,000	0,010	0,010	FALSE
-0,011	0,299	0,000	0,007	0,011	FALSE
0,038	0,304	0,001	0,012	0,043	FALSE
0,008	0,315	0,000	0,009	0,005	FALSE
-0,090	0,302	-0,003	0,010	0,109	FALSE
-0,100	0,294	-0,003	0,010	0,136	FALSE
-0,103	0,307	-0,003	0,010	0,125	FALSE
-0,056	0,315	-0,001	0,008	0,069	FALSE
-0,082	0,304	-0,003	0,008	0,124	FALSE
-0,084	0,312	-0,003	0,008	0,127	FALSE
-0,023	0,310	-0,001	0,007	0,050	FALSE
0,161	0,303	0,005	0,010	0,228	FALSE
0,027	0,303	0,001	0,010	0,038	FALSE
0,064	0,300	0,003	0,011	0,109	FALSE
0,097	0,296	0,003	0,008	0,121	FALSE
-0,112	0,320	-0,004	0,011	0,151	FALSE
0,027	0,301	0,001	0,009	0,028	FALSE
-0,056	0,306	-0,002	0,013	0,067	FALSE
0,106	0,290	0,004	0,008	0,201	FALSE
0,080	0,311	0,003	0,007	0,148	FALSE
-0,139	0,313	-0,003	0,007	0,198	FALSE
-0,131	0,298	-0,004	0,010	0,173	FALSE
0,149	0,304	0,004	0,008	0,197	FALSE
-0,058	0,284	-0,002	0,007	0,084	FALSE
-0,020	0,301	-0,001	0,012	0,030	FALSE
-0,048	0,305	-0,002	0,012	0,056	FALSE
-0,056	0,298	-0,002	0,007	0,091	FALSE
0,069	0,298	0,003	0,011	0,120	FALSE
-0,027	0,311	0,000	0,008	0,011	FALSE
-0,065	0,304	-0,003	0,010	0,137	FALSE
-0,033	0,316	0,000	0,007	0,020	FALSE
-0,057	0,296	-0,003	0,012	0,096	FALSE
0,008	0,303	0,000	0,009	0,008	FALSE
0,031	0,308	0,001	0,006	0,036	FALSE
0,016	0,322	0,000	0,008	0,002	FALSE
-0,161	0,296	-0,003	0,006	0,235	FALSE
0,089	0,291	0,002	0,006	0,120	FALSE
0,109	0,302	0,003	0,007	0,166	FALSE
0,032	0,304	0,001	0,008	0,054	FALSE
0,064	0,296	0,002	0,007	0,100	FALSE
-0,129	0,295	-0,005	0,009	0,229	FALSE
0,005	0,306	0,000	0,007	0,012	FALSE
-0,018	0,289	-0,001	0,010	0,037	FALSE
-0,070	0,307	-0,002	0,007	0,120	FALSE

-0,007	0,301	0,000	0,008	0,017	FALSE
0,020	0,311	0,002	0,013	0,044	FALSE
-0,114	0,319	-0,003	0,007	0,173	FALSE
-0,007	0,309	-0,001	0,007	0,032	FALSE
0,072	0,300	0,002	0,007	0,096	FALSE
-0,003	0,293	0,000	0,006	0,023	FALSE
-0,037	0,310	-0,002	0,013	0,043	FALSE
-0,089	0,301	-0,002	0,009	0,083	FALSE
0,068	0,299	0,001	0,007	0,058	FALSE
-0,120	0,303	-0,004	0,009	0,198	FALSE
0,025	0,310	0,001	0,009	0,023	FALSE
0,077	0,299	0,001	0,006	0,073	FALSE
0,017	0,305	0,000	0,009	0,014	FALSE
-0,036	0,298	-0,002	0,010	0,065	FALSE
0,037	0,312	0,001	0,009	0,057	FALSE
0,060	0,308	0,002	0,009	0,092	FALSE
-0,025	0,303	0,000	0,008	0,018	FALSE
-0,119	0,304	-0,004	0,011	0,142	FALSE
0,001	0,315	0,000	0,012	0,002	FALSE
-0,089	0,312	-0,003	0,010	0,094	FALSE
0,032	0,314	0,002	0,013	0,053	FALSE
0,063	0,313	0,002	0,013	0,069	FALSE
0,052	0,313	0,003	0,013	0,090	FALSE
-0,137	0,317	-0,003	0,007	0,192	FALSE
0,048	0,310	0,001	0,010	0,052	FALSE
0,019	0,295	0,000	0,012	0,013	FALSE
-0,092	0,313	-0,002	0,007	0,125	FALSE
0,091	0,309	0,003	0,008	0,134	FALSE
-0,181	0,305	-0,006	0,011	0,249	FALSE
-0,079	0,305	-0,002	0,006	0,100	FALSE
-0,121	0,294	-0,004	0,008	0,198	FALSE
-0,057	0,286	-0,002	0,012	0,077	FALSE
0,049	0,301	0,001	0,008	0,065	FALSE
0,126	0,313	0,005	0,012	0,151	FALSE
0,094	0,303	0,002	0,007	0,097	FALSE
-0,022	0,313	-0,001	0,007	0,037	FALSE
-0,010	0,305	0,000	0,006	0,023	FALSE
0,141	0,322	0,003	0,008	0,134	FALSE
-0,035	0,304	-0,001	0,007	0,031	FALSE
-0,036	0,299	-0,001	0,009	0,053	FALSE
-0,130	0,303	-0,004	0,007	0,194	FALSE
-0,079	0,306	-0,002	0,010	0,075	FALSE
-0,056	0,302	-0,001	0,010	0,050	FALSE
-0,040	0,311	-0,002	0,009	0,074	FALSE
-0,039	0,302	-0,001	0,010	0,040	FALSE
-0,071	0,300	-0,002	0,010	0,077	FALSE
-0,048	0,311	-0,001	0,007	0,052	FALSE
-0,060	0,309	-0,002	0,011	0,087	FALSE
0,044	0,304	0,002	0,011	0,061	FALSE
0,011	0,293	0,000	0,011	0,015	FALSE
0,023	0,328	0,001	0,007	0,047	FALSE
0,131	0,288	0,003	0,007	0,203	FALSE
-0,029	0,300	-0,001	0,010	0,045	FALSE

-0,036	0,320	-0,001	0,012	0,034	FALSE
-0,023	0,322	-0,001	0,007	0,034	FALSE
0,093	0,300	0,002	0,008	0,130	FALSE
-0,087	0,300	-0,003	0,013	0,079	FALSE
-0,086	0,298	-0,003	0,013	0,081	FALSE
0,031	0,296	0,000	0,007	0,001	FALSE
0,118	0,308	0,004	0,008	0,181	FALSE
0,099	0,312	0,003	0,009	0,136	FALSE
-0,028	0,298	-0,001	0,006	0,052	FALSE
0,085	0,309	0,002	0,007	0,106	FALSE
0,115	0,318	0,004	0,012	0,135	FALSE
-0,013	0,312	-0,001	0,007	0,036	FALSE
-0,133	0,296	-0,003	0,007	0,142	FALSE
0,038	0,313	0,001	0,007	0,025	FALSE
-0,159	0,304	-0,006	0,011	0,259	FALSE
0,100	0,291	0,002	0,006	0,154	FALSE
-0,052	0,306	-0,001	0,008	0,055	FALSE
-0,004	0,303	0,000	0,011	0,002	FALSE
0,033	0,296	0,001	0,008	0,039	FALSE
-0,074	0,298	-0,002	0,009	0,061	FALSE
0,060	0,309	0,001	0,006	0,080	FALSE
0,154	0,298	0,006	0,012	0,191	FALSE
0,151	0,310	0,005	0,012	0,177	FALSE
0,014	0,309	0,000	0,010	0,013	FALSE
0,026	0,308	0,000	0,007	0,019	FALSE
-0,036	0,312	-0,002	0,008	0,080	FALSE
0,068	0,293	0,002	0,010	0,089	FALSE
0,087	0,298	0,002	0,007	0,093	FALSE
-0,091	0,306	-0,002	0,008	0,094	FALSE
0,053	0,303	0,001	0,007	0,068	FALSE
0,065	0,303	0,001	0,007	0,078	FALSE
0,023	0,326	0,000	0,008	0,003	FALSE
0,199	0,295	0,006	0,008	0,340	FALSE
-0,092	0,308	-0,003	0,007	0,156	FALSE
0,054	0,294	0,002	0,008	0,094	FALSE
-0,048	0,293	-0,003	0,012	0,091	FALSE
0,049	0,311	0,003	0,010	0,099	FALSE
0,002	0,302	0,002	0,012	0,046	FALSE
0,043	0,306	0,002	0,012	0,061	FALSE
-0,038	0,300	0,000	0,012	0,007	FALSE
-0,138	0,299	-0,004	0,008	0,193	FALSE
0,062	0,294	0,002	0,006	0,098	FALSE
0,062	0,293	0,001	0,006	0,087	FALSE
0,066	0,296	0,002	0,007	0,107	FALSE
0,013	0,295	0,000	0,011	0,015	FALSE
0,051	0,317	0,003	0,013	0,072	FALSE
0,045	0,314	0,001	0,008	0,035	FALSE
0,071	0,307	0,002	0,010	0,076	FALSE
0,022	0,309	0,000	0,011	0,016	FALSE
-0,197	0,306	-0,006	0,009	0,274	FALSE
0,032	0,314	0,001	0,009	0,056	FALSE
-0,048	0,290	-0,001	0,006	0,042	FALSE
0,119	0,296	0,003	0,007	0,169	FALSE

-0,010	0,322	0,000	0,007	0,023	FALSE
0,003	0,323	0,000	0,013	0,000	FALSE
-0,127	0,316	-0,003	0,007	0,156	FALSE
0,133	0,303	0,003	0,006	0,202	FALSE
-0,052	0,311	-0,001	0,008	0,057	FALSE
0,028	0,308	0,001	0,010	0,052	FALSE
-0,095	0,307	-0,002	0,008	0,111	FALSE
-0,022	0,303	-0,001	0,010	0,035	FALSE
0,108	0,307	0,003	0,009	0,119	FALSE
0,041	0,286	0,001	0,006	0,067	FALSE
0,131	0,320	0,003	0,008	0,146	FALSE
0,065	0,305	0,002	0,008	0,091	FALSE
-0,089	0,302	-0,004	0,012	0,141	FALSE
0,030	0,304	0,001	0,006	0,065	FALSE
0,041	0,307	0,001	0,006	0,055	FALSE
-0,023	0,310	0,000	0,009	0,014	FALSE
-0,020	0,320	-0,001	0,007	0,026	FALSE
-0,040	0,302	-0,002	0,012	0,068	FALSE
0,005	0,301	0,000	0,012	0,014	FALSE
-0,059	0,314	-0,002	0,010	0,062	FALSE
0,106	0,304	0,004	0,009	0,168	FALSE
-0,061	0,312	-0,001	0,009	0,046	FALSE
0,021	0,304	0,001	0,008	0,036	FALSE
-0,010	0,304	0,000	0,008	0,001	FALSE
0,037	0,305	0,001	0,011	0,044	FALSE
0,017	0,310	0,001	0,010	0,034	FALSE
-0,106	0,315	-0,003	0,010	0,137	FALSE
-0,097	0,307	-0,003	0,009	0,123	FALSE
0,051	0,300	0,001	0,006	0,046	FALSE
0,065	0,301	0,003	0,009	0,125	FALSE
0,050	0,310	0,001	0,006	0,036	FALSE
0,038	0,302	0,000	0,007	0,010	FALSE
0,006	0,302	0,000	0,008	0,010	FALSE
-0,014	0,303	-0,001	0,009	0,029	FALSE
-0,001	0,310	0,000	0,013	0,003	FALSE
0,039	0,304	0,001	0,007	0,053	FALSE
-0,052	0,323	-0,001	0,008	0,049	FALSE
0,150	0,296	0,006	0,012	0,216	FALSE
-0,003	0,303	-0,001	0,010	0,041	FALSE
-0,034	0,304	0,000	0,012	0,007	FALSE
-0,036	0,316	-0,002	0,012	0,070	FALSE
-0,069	0,311	-0,003	0,012	0,106	FALSE
-0,037	0,316	-0,002	0,011	0,069	FALSE
0,042	0,311	0,002	0,013	0,048	FALSE
0,079	0,304	0,002	0,012	0,060	FALSE
-0,119	0,310	-0,004	0,012	0,121	FALSE
-0,116	0,308	-0,003	0,006	0,176	FALSE
0,117	0,301	0,005	0,013	0,141	FALSE
-0,103	0,301	-0,004	0,011	0,130	FALSE
-0,071	0,303	-0,002	0,006	0,114	FALSE
0,102	0,313	0,004	0,010	0,153	FALSE
0,088	0,311	0,003	0,011	0,125	FALSE
0,060	0,297	0,003	0,010	0,098	FALSE

0,034	0,289	0,000	0,010	0,005	FALSE
0,069	0,304	0,002	0,007	0,099	FALSE
0,032	0,325	0,001	0,010	0,037	FALSE
0,138	0,296	0,006	0,011	0,221	FALSE
-0,113	0,306	-0,004	0,011	0,145	FALSE
-0,097	0,307	-0,004	0,012	0,136	FALSE
0,156	0,304	0,004	0,007	0,208	FALSE
0,012	0,307	0,000	0,012	0,008	FALSE
-0,041	0,301	-0,001	0,006	0,050	FALSE
-0,054	0,298	-0,002	0,009	0,070	FALSE
-0,048	0,311	-0,001	0,008	0,064	FALSE
-0,101	0,319	-0,002	0,008	0,103	FALSE
0,010	0,315	0,000	0,010	0,005	FALSE
-0,029	0,310	-0,001	0,008	0,061	FALSE
-0,027	0,296	-0,001	0,011	0,049	FALSE
0,076	0,298	0,003	0,012	0,088	FALSE
-0,131	0,309	-0,005	0,012	0,155	FALSE
0,055	0,312	0,002	0,011	0,079	FALSE
-0,082	0,318	-0,002	0,007	0,111	FALSE
-0,080	0,309	-0,002	0,010	0,078	FALSE
-0,116	0,303	-0,002	0,006	0,141	FALSE
0,001	0,313	0,000	0,009	0,010	FALSE
-0,082	0,306	-0,002	0,008	0,103	FALSE
-0,038	0,308	-0,001	0,012	0,035	FALSE
-0,086	0,308	-0,003	0,008	0,127	FALSE
0,108	0,288	0,003	0,007	0,206	FALSE
0,036	0,312	0,001	0,007	0,062	FALSE
-0,074	0,302	-0,003	0,010	0,100	FALSE
-0,014	0,307	0,000	0,011	0,005	FALSE
-0,149	0,292	-0,004	0,008	0,191	FALSE
-0,073	0,298	-0,001	0,007	0,053	FALSE
-0,111	0,303	-0,004	0,011	0,128	FALSE
-0,094	0,303	-0,002	0,009	0,089	FALSE
0,143	0,306	0,005	0,013	0,174	FALSE
-0,132	0,306	-0,004	0,007	0,210	FALSE
0,130	0,298	0,005	0,012	0,152	FALSE
-0,085	0,314	-0,003	0,012	0,109	FALSE
-0,002	0,308	0,000	0,009	0,007	FALSE
0,125	0,302	0,004	0,012	0,142	FALSE
-0,120	0,309	-0,005	0,012	0,150	FALSE
-0,108	0,310	-0,003	0,008	0,150	FALSE
0,071	0,307	0,002	0,008	0,104	FALSE
0,136	0,290	0,003	0,006	0,199	FALSE
-0,062	0,309	-0,003	0,010	0,099	FALSE
-0,044	0,307	-0,002	0,010	0,060	FALSE
-0,157	0,288	-0,004	0,006	0,256	FALSE
0,024	0,310	0,002	0,012	0,052	FALSE
0,115	0,297	0,003	0,006	0,169	FALSE
0,090	0,315	0,003	0,009	0,123	FALSE
-0,027	0,301	-0,002	0,010	0,075	FALSE
-0,084	0,296	-0,003	0,010	0,137	FALSE
0,043	0,297	0,004	0,012	0,121	FALSE
-0,126	0,308	-0,004	0,010	0,162	FALSE

-0,084	0,303	-0,002	0,009	0,095	FALSE
0,046	0,291	0,002	0,008	0,072	FALSE
0,074	0,311	0,002	0,006	0,104	FALSE
-0,028	0,307	-0,001	0,008	0,055	FALSE
0,096	0,303	0,002	0,007	0,126	FALSE
-0,023	0,292	0,000	0,006	0,015	FALSE
-0,150	0,300	-0,004	0,008	0,186	FALSE
-0,023	0,307	0,000	0,008	0,020	FALSE
-0,010	0,312	-0,001	0,006	0,046	FALSE
0,055	0,312	0,002	0,007	0,096	FALSE
0,060	0,295	0,002	0,009	0,086	FALSE
0,012	0,305	0,000	0,007	0,019	FALSE
-0,023	0,296	-0,001	0,007	0,059	FALSE
0,014	0,305	0,000	0,008	0,015	FALSE
0,034	0,306	0,002	0,008	0,077	FALSE
-0,030	0,302	-0,001	0,007	0,059	FALSE
0,123	0,317	0,002	0,007	0,134	FALSE
0,139	0,293	0,004	0,008	0,176	FALSE
-0,037	0,306	0,000	0,006	0,019	FALSE
-0,054	0,298	-0,002	0,012	0,063	FALSE
0,006	0,318	0,000	0,007	0,002	FALSE
-0,002	0,316	-0,001	0,011	0,020	FALSE
-0,109	0,299	-0,003	0,010	0,119	FALSE
0,012	0,302	0,001	0,010	0,039	FALSE
-0,137	0,284	-0,005	0,009	0,245	FALSE
-0,138	0,292	-0,004	0,008	0,241	FALSE
0,070	0,319	0,002	0,013	0,056	FALSE
0,120	0,305	0,004	0,010	0,152	FALSE
0,104	0,319	0,004	0,011	0,135	FALSE
0,048	0,317	0,002	0,010	0,058	FALSE
-0,023	0,300	-0,001	0,007	0,052	FALSE
-0,026	0,304	0,000	0,011	0,012	FALSE
0,016	0,302	0,000	0,012	0,005	FALSE
-0,085	0,315	-0,002	0,008	0,095	FALSE
-0,062	0,316	-0,002	0,011	0,057	FALSE
0,057	0,308	0,002	0,008	0,082	FALSE
-0,068	0,319	-0,002	0,006	0,099	FALSE
0,008	0,305	0,000	0,011	0,003	FALSE
0,112	0,315	0,005	0,012	0,176	FALSE
0,024	0,302	0,001	0,008	0,063	FALSE
0,000	0,303	-0,001	0,007	0,028	FALSE
-0,040	0,298	0,000	0,007	0,018	FALSE
0,123	0,292	0,002	0,006	0,141	FALSE
-0,014	0,311	0,000	0,008	0,015	FALSE
-0,015	0,308	-0,001	0,009	0,052	FALSE
-0,043	0,294	-0,002	0,010	0,075	FALSE
-0,038	0,307	0,000	0,007	0,024	FALSE
0,030	0,303	0,002	0,012	0,047	FALSE
-0,004	0,306	0,000	0,012	0,012	FALSE
-0,002	0,310	0,000	0,008	0,009	FALSE
-0,040	0,309	-0,002	0,011	0,064	FALSE
-0,068	0,306	-0,002	0,010	0,089	FALSE
0,091	0,293	0,004	0,010	0,160	FALSE

0,002	0,307	0,000	0,012	0,003	FALSE
0,050	0,309	0,001	0,010	0,038	FALSE
0,050	0,291	0,002	0,011	0,066	FALSE
-0,144	0,302	-0,006	0,012	0,233	FALSE
-0,096	0,302	-0,004	0,012	0,145	FALSE
-0,008	0,323	0,000	0,013	0,004	FALSE
0,103	0,304	0,004	0,012	0,151	FALSE
-0,028	0,305	-0,001	0,010	0,022	FALSE
0,022	0,296	0,001	0,007	0,046	FALSE
-0,011	0,302	0,000	0,009	0,010	FALSE
-0,071	0,305	-0,002	0,008	0,101	FALSE
-0,046	0,321	-0,002	0,009	0,067	FALSE
0,023	0,318	0,000	0,011	0,013	FALSE
-0,013	0,304	0,000	0,012	0,011	FALSE
-0,017	0,308	-0,001	0,009	0,046	FALSE
0,014	0,319	0,000	0,009	0,006	FALSE
0,038	0,316	0,002	0,013	0,063	FALSE
0,063	0,299	0,001	0,008	0,070	FALSE
-0,026	0,312	-0,001	0,012	0,018	FALSE
-0,122	0,299	-0,004	0,010	0,177	FALSE
-0,048	0,296	-0,001	0,007	0,040	FALSE
0,052	0,319	0,002	0,008	0,082	FALSE
-0,008	0,308	0,000	0,006	0,016	FALSE
-0,031	0,293	-0,001	0,007	0,045	FALSE
0,016	0,309	0,001	0,012	0,031	FALSE
-0,155	0,309	-0,004	0,008	0,213	FALSE
-0,045	0,305	-0,001	0,008	0,064	FALSE
0,058	0,304	0,002	0,011	0,071	FALSE
0,099	0,305	0,002	0,007	0,122	FALSE
0,032	0,304	0,001	0,008	0,029	FALSE
0,033	0,305	0,002	0,012	0,060	FALSE
0,054	0,320	0,001	0,007	0,059	FALSE
-0,001	0,293	0,000	0,006	0,001	FALSE
-0,060	0,305	-0,001	0,007	0,072	FALSE
-0,044	0,282	-0,001	0,006	0,061	FALSE
-0,075	0,315	-0,003	0,011	0,092	FALSE
0,088	0,320	0,003	0,010	0,131	FALSE
-0,057	0,328	-0,003	0,012	0,086	FALSE
-0,018	0,319	-0,001	0,012	0,021	FALSE
-0,018	0,306	0,000	0,012	0,004	FALSE
-0,085	0,301	-0,002	0,008	0,095	FALSE
-0,066	0,307	-0,001	0,007	0,071	FALSE
0,004	0,318	0,000	0,012	0,003	FALSE
-0,097	0,299	-0,002	0,007	0,123	FALSE
-0,088	0,302	-0,002	0,007	0,119	FALSE
0,000	0,321	0,000	0,012	0,001	FALSE
-0,114	0,309	-0,004	0,012	0,139	FALSE
0,022	0,324	0,002	0,013	0,045	FALSE
-0,062	0,317	-0,001	0,007	0,074	FALSE
-0,169	0,301	-0,005	0,010	0,223	FALSE
-0,097	0,293	-0,004	0,012	0,130	FALSE
-0,027	0,298	0,000	0,007	0,013	FALSE
0,122	0,308	0,004	0,011	0,172	FALSE

0,005	0,303	0,001	0,007	0,031	FALSE
-0,044	0,297	-0,001	0,008	0,038	FALSE
-0,100	0,298	-0,003	0,008	0,174	FALSE
-0,078	0,305	-0,003	0,008	0,126	FALSE
0,050	0,307	0,001	0,008	0,041	FALSE
0,114	0,302	0,003	0,007	0,162	FALSE
0,109	0,298	0,004	0,009	0,176	FALSE
-0,089	0,300	-0,005	0,012	0,156	FALSE
-0,009	0,291	-0,001	0,011	0,046	FALSE
-0,093	0,326	-0,003	0,007	0,137	FALSE
-0,078	0,306	-0,002	0,010	0,091	FALSE
0,073	0,304	0,003	0,012	0,089	FALSE
0,108	0,302	0,003	0,008	0,163	FALSE
-0,065	0,303	-0,002	0,010	0,068	FALSE
-0,079	0,310	-0,002	0,009	0,072	FALSE
-0,032	0,310	-0,002	0,009	0,074	FALSE
0,008	0,309	0,001	0,009	0,025	FALSE
0,025	0,303	0,001	0,008	0,052	FALSE
-0,052	0,317	-0,002	0,009	0,083	FALSE
-0,055	0,325	-0,002	0,013	0,071	FALSE
-0,092	0,298	-0,004	0,012	0,126	FALSE
-0,108	0,306	-0,003	0,008	0,137	FALSE
0,058	0,310	0,002	0,010	0,066	FALSE
0,130	0,311	0,005	0,012	0,179	FALSE
0,092	0,300	0,002	0,007	0,109	FALSE
0,051	0,300	0,003	0,012	0,083	FALSE
0,020	0,295	0,001	0,009	0,033	FALSE
0,102	0,306	0,003	0,007	0,165	FALSE
0,116	0,300	0,003	0,008	0,182	FALSE
0,058	0,309	0,002	0,008	0,076	FALSE
0,078	0,301	0,003	0,008	0,144	FALSE
0,055	0,309	0,002	0,006	0,098	FALSE
0,153	0,304	0,006	0,009	0,288	FALSE
-0,013	0,308	-0,001	0,009	0,025	FALSE
0,071	0,309	0,003	0,012	0,091	FALSE
-0,008	0,312	0,000	0,013	0,002	FALSE
0,048	0,295	0,001	0,006	0,042	FALSE
0,003	0,308	0,000	0,006	0,026	FALSE
-0,090	0,304	-0,002	0,007	0,094	FALSE
-0,127	0,308	-0,003	0,007	0,146	FALSE
0,137	0,309	0,003	0,007	0,189	FALSE
0,004	0,310	0,000	0,010	0,001	FALSE
-0,011	0,305	0,000	0,006	0,002	FALSE
0,078	0,309	0,003	0,011	0,098	FALSE
-0,040	0,316	-0,002	0,013	0,060	FALSE
0,043	0,304	0,002	0,011	0,081	FALSE
0,063	0,312	0,003	0,012	0,090	FALSE
0,005	0,298	0,000	0,009	0,006	FALSE
-0,012	0,312	0,000	0,006	0,005	FALSE
0,077	0,304	0,002	0,011	0,088	FALSE
0,003	0,313	0,000	0,007	0,015	FALSE
0,138	0,306	0,003	0,007	0,189	FALSE
0,040	0,303	0,001	0,010	0,033	FALSE

0,109	0,302	0,003	0,009	0,132	FALSE
-0,073	0,312	-0,004	0,012	0,129	FALSE
-0,059	0,319	-0,002	0,008	0,106	FALSE
0,028	0,316	0,000	0,011	0,014	FALSE
0,089	0,296	0,002	0,011	0,074	FALSE
-0,003	0,292	0,002	0,012	0,052	FALSE
-0,061	0,293	-0,003	0,012	0,090	FALSE
-0,035	0,295	-0,002	0,011	0,066	FALSE
-0,032	0,317	-0,001	0,009	0,065	FALSE
0,025	0,312	0,001	0,010	0,018	FALSE
0,055	0,311	0,002	0,009	0,067	FALSE
0,085	0,307	0,002	0,009	0,106	FALSE
0,036	0,306	0,001	0,007	0,028	FALSE
0,012	0,306	0,000	0,009	0,004	FALSE
0,072	0,299	0,002	0,010	0,091	FALSE
0,036	0,314	0,001	0,009	0,034	FALSE
0,112	0,313	0,004	0,011	0,138	FALSE
0,093	0,320	0,004	0,013	0,137	FALSE
-0,012	0,302	-0,001	0,012	0,018	FALSE
0,041	0,307	0,001	0,011	0,040	FALSE
0,062	0,297	0,002	0,010	0,077	FALSE
-0,013	0,315	-0,001	0,012	0,025	FALSE
-0,005	0,309	0,000	0,008	0,001	FALSE
-0,052	0,291	-0,002	0,010	0,065	FALSE
-0,017	0,298	-0,001	0,012	0,033	FALSE
0,057	0,295	0,004	0,012	0,118	FALSE
0,045	0,308	0,002	0,011	0,058	FALSE
-0,036	0,304	-0,001	0,013	0,037	FALSE
0,084	0,299	0,004	0,011	0,137	FALSE
-0,019	0,320	-0,001	0,007	0,032	FALSE
0,060	0,312	0,001	0,006	0,076	FALSE
0,110	0,302	0,003	0,008	0,137	FALSE
0,070	0,309	0,003	0,011	0,105	FALSE
-0,070	0,299	-0,003	0,012	0,112	FALSE
-0,053	0,317	-0,003	0,012	0,078	FALSE
-0,071	0,307	-0,003	0,009	0,120	FALSE
-0,001	0,300	0,000	0,012	0,005	FALSE
-0,043	0,306	-0,001	0,007	0,065	FALSE
-0,045	0,289	-0,002	0,012	0,056	FALSE
-0,019	0,292	-0,001	0,012	0,023	FALSE
0,021	0,308	0,000	0,008	0,007	FALSE
0,079	0,306	0,003	0,008	0,138	FALSE
0,117	0,309	0,005	0,012	0,174	FALSE
0,054	0,316	0,002	0,007	0,103	FALSE
-0,151	0,290	-0,004	0,009	0,198	FALSE
-0,026	0,309	-0,001	0,012	0,024	FALSE
-0,008	0,320	-0,001	0,013	0,033	FALSE
-0,179	0,310	-0,006	0,012	0,221	FALSE
0,094	0,313	0,002	0,006	0,141	FALSE
-0,009	0,313	-0,001	0,007	0,041	FALSE
0,041	0,313	0,001	0,011	0,039	FALSE
0,053	0,297	0,001	0,007	0,068	FALSE
0,013	0,313	0,000	0,007	0,017	FALSE

0,054	0,311	0,001	0,011	0,032	FALSE
0,089	0,308	0,002	0,006	0,104	FALSE
0,142	0,291	0,004	0,008	0,208	FALSE
0,039	0,310	0,001	0,007	0,052	FALSE
0,006	0,309	0,000	0,008	0,013	FALSE
-0,093	0,307	-0,003	0,012	0,094	FALSE
0,073	0,312	0,002	0,007	0,080	FALSE
0,050	0,305	0,002	0,008	0,108	FALSE
-0,020	0,317	-0,001	0,008	0,037	FALSE
0,183	0,303	0,006	0,009	0,280	FALSE
-0,098	0,306	-0,004	0,011	0,140	FALSE
-0,029	0,319	-0,001	0,009	0,034	FALSE
0,125	0,310	0,003	0,008	0,148	FALSE
-0,019	0,316	0,000	0,007	0,012	FALSE
-0,129	0,304	-0,005	0,012	0,156	FALSE
-0,141	0,316	-0,005	0,012	0,184	FALSE
-0,124	0,308	-0,005	0,012	0,154	FALSE
-0,140	0,307	-0,004	0,010	0,154	FALSE
-0,126	0,299	-0,003	0,007	0,185	FALSE
-0,076	0,314	-0,002	0,008	0,115	FALSE
-0,034	0,307	-0,001	0,006	0,041	FALSE
0,006	0,309	0,001	0,010	0,022	FALSE
-0,037	0,318	-0,002	0,013	0,045	FALSE
0,011	0,306	0,001	0,009	0,024	FALSE
-0,049	0,309	-0,001	0,010	0,050	FALSE
-0,077	0,309	-0,002	0,010	0,080	FALSE
-0,016	0,313	-0,001	0,011	0,017	FALSE
0,053	0,317	0,001	0,006	0,034	FALSE
0,069	0,305	0,001	0,007	0,045	FALSE
0,017	0,302	0,001	0,007	0,056	FALSE
-0,059	0,307	-0,002	0,008	0,078	FALSE
0,000	0,306	0,000	0,012	0,005	FALSE
0,039	0,317	0,002	0,013	0,052	FALSE
0,053	0,294	0,002	0,009	0,064	FALSE
-0,065	0,306	-0,002	0,012	0,071	FALSE
-0,071	0,308	-0,002	0,007	0,118	FALSE
-0,019	0,322	0,000	0,007	0,022	FALSE
0,078	0,309	0,004	0,012	0,119	FALSE
-0,027	0,311	-0,001	0,008	0,022	FALSE
0,026	0,296	0,001	0,006	0,047	FALSE
-0,058	0,304	-0,001	0,007	0,074	FALSE
0,211	0,293	0,006	0,008	0,359	FALSE
-0,074	0,303	-0,002	0,007	0,097	FALSE
-0,111	0,318	-0,005	0,012	0,156	FALSE
0,060	0,307	0,001	0,011	0,051	FALSE
0,046	0,311	0,002	0,009	0,113	FALSE
0,105	0,314	0,004	0,011	0,150	FALSE
0,091	0,312	0,004	0,011	0,142	FALSE
0,079	0,317	0,003	0,012	0,113	FALSE
0,027	0,311	0,001	0,007	0,077	FALSE
0,019	0,305	0,001	0,008	0,042	FALSE
-0,006	0,300	-0,001	0,012	0,037	FALSE
0,214	0,296	0,009	0,012	0,375	FALSE

0,047	0,306	0,001	0,009	0,045	FALSE
-0,048	0,300	-0,001	0,009	0,058	FALSE
-0,040	0,306	-0,001	0,008	0,054	FALSE
0,027	0,321	0,001	0,010	0,027	FALSE
-0,055	0,307	-0,002	0,011	0,069	FALSE
0,075	0,301	0,003	0,010	0,112	FALSE
-0,164	0,305	-0,003	0,006	0,218	FALSE
-0,132	0,315	-0,003	0,006	0,179	FALSE
0,048	0,315	0,001	0,009	0,037	FALSE
-0,073	0,311	-0,001	0,008	0,044	FALSE
-0,009	0,314	0,001	0,008	0,031	FALSE
0,054	0,301	0,002	0,008	0,092	FALSE
-0,030	0,306	-0,001	0,007	0,047	FALSE
-0,045	0,309	-0,003	0,012	0,109	FALSE
-0,013	0,320	-0,001	0,009	0,039	FALSE
0,034	0,306	0,002	0,012	0,053	FALSE
0,026	0,314	0,002	0,012	0,051	FALSE
-0,022	0,312	-0,002	0,011	0,050	FALSE
-0,021	0,311	-0,001	0,008	0,046	FALSE
0,095	0,311	0,002	0,009	0,096	FALSE
0,056	0,298	0,002	0,012	0,063	FALSE
0,072	0,311	0,001	0,007	0,070	FALSE
0,066	0,313	0,002	0,009	0,073	FALSE
0,089	0,299	0,003	0,012	0,103	FALSE
-0,112	0,295	-0,003	0,011	0,119	FALSE
0,004	0,301	-0,001	0,010	0,027	FALSE
0,051	0,308	0,000	0,010	0,016	FALSE
0,015	0,314	0,000	0,009	0,018	FALSE
0,136	0,319	0,006	0,013	0,210	FALSE
-0,105	0,297	-0,003	0,008	0,147	FALSE
0,008	0,304	0,000	0,008	0,020	FALSE
-0,034	0,295	-0,001	0,011	0,027	FALSE
0,086	0,316	0,002	0,007	0,122	FALSE
0,056	0,318	0,002	0,010	0,074	FALSE
-0,013	0,293	0,000	0,010	0,005	FALSE
-0,003	0,304	0,000	0,008	0,019	FALSE
0,089	0,300	0,004	0,011	0,124	FALSE
-0,044	0,307	-0,001	0,009	0,049	FALSE
-0,053	0,318	-0,001	0,013	0,026	FALSE
-0,064	0,299	-0,001	0,012	0,041	FALSE
-0,064	0,299	-0,001	0,012	0,043	FALSE
0,080	0,292	0,002	0,006	0,107	FALSE
0,130	0,302	0,005	0,009	0,229	FALSE
-0,014	0,309	0,000	0,009	0,003	FALSE
0,004	0,314	0,000	0,008	0,008	FALSE
-0,054	0,302	-0,001	0,007	0,073	FALSE
-0,027	0,311	-0,001	0,007	0,043	FALSE
0,021	0,330	0,001	0,009	0,027	FALSE
0,028	0,309	0,001	0,009	0,024	FALSE
0,109	0,297	0,003	0,009	0,112	FALSE
0,158	0,309	0,005	0,012	0,174	FALSE
-0,094	0,305	-0,004	0,012	0,116	FALSE
-0,048	0,311	-0,002	0,010	0,071	FALSE

0,076	0,297	0,002	0,008	0,085	FALSE
-0,064	0,303	-0,001	0,007	0,070	FALSE
0,081	0,305	0,003	0,009	0,110	FALSE
-0,018	0,307	0,001	0,012	0,017	FALSE
0,040	0,301	0,001	0,007	0,073	FALSE
0,012	0,309	0,000	0,012	0,003	FALSE
0,007	0,303	0,000	0,009	0,003	FALSE
0,064	0,305	0,003	0,010	0,108	FALSE
-0,049	0,312	-0,001	0,007	0,056	FALSE
0,047	0,298	0,001	0,007	0,056	FALSE
-0,003	0,316	0,000	0,008	0,002	FALSE
0,009	0,318	0,000	0,008	0,001	FALSE
-0,154	0,301	-0,003	0,006	0,231	FALSE
-0,144	0,317	-0,003	0,007	0,188	FALSE
-0,040	0,313	-0,001	0,007	0,038	FALSE
0,191	0,302	0,007	0,010	0,281	FALSE
0,018	0,318	0,000	0,007	0,020	FALSE
0,048	0,314	0,002	0,007	0,085	FALSE
0,122	0,308	0,004	0,012	0,135	FALSE
0,022	0,304	0,001	0,006	0,050	FALSE
0,046	0,307	0,001	0,006	0,050	FALSE
0,090	0,302	0,002	0,009	0,077	FALSE
-0,013	0,300	-0,002	0,013	0,065	FALSE
-0,041	0,312	-0,002	0,012	0,055	FALSE
-0,005	0,314	0,000	0,008	0,022	FALSE
-0,025	0,326	-0,001	0,011	0,031	FALSE
-0,006	0,315	0,000	0,012	0,015	FALSE
-0,065	0,309	-0,002	0,012	0,074	FALSE
0,023	0,316	0,001	0,010	0,027	FALSE
0,074	0,300	0,002	0,009	0,094	FALSE
0,089	0,316	0,002	0,009	0,108	FALSE
-0,074	0,306	-0,003	0,011	0,117	FALSE
-0,028	0,302	-0,002	0,011	0,050	FALSE
0,022	0,316	0,001	0,011	0,043	FALSE
-0,023	0,320	-0,002	0,012	0,051	FALSE
-0,101	0,304	-0,002	0,008	0,104	FALSE
-0,043	0,305	-0,001	0,008	0,043	FALSE
0,048	0,305	0,001	0,006	0,086	FALSE
0,031	0,312	0,001	0,007	0,066	FALSE
0,038	0,303	0,001	0,011	0,041	FALSE
0,017	0,297	0,000	0,010	0,000	FALSE
-0,072	0,297	-0,002	0,009	0,104	FALSE
0,049	0,303	0,001	0,007	0,086	FALSE
-0,084	0,307	-0,003	0,011	0,093	FALSE
0,017	0,310	0,000	0,006	0,026	FALSE
-0,092	0,315	-0,002	0,008	0,102	FALSE
0,074	0,314	0,003	0,009	0,113	FALSE
-0,092	0,301	-0,004	0,011	0,144	FALSE
-0,127	0,309	-0,005	0,011	0,190	FALSE
0,090	0,321	0,003	0,011	0,118	FALSE
0,034	0,307	0,002	0,009	0,065	FALSE
-0,083	0,313	-0,003	0,010	0,131	FALSE
-0,071	0,308	-0,002	0,008	0,109	FALSE

-0,058	0,316	-0,002	0,010	0,067	FALSE
-0,059	0,304	-0,002	0,010	0,065	FALSE
-0,078	0,309	-0,002	0,011	0,077	FALSE
-0,050	0,301	-0,002	0,012	0,070	FALSE
0,083	0,312	0,002	0,009	0,091	FALSE
-0,061	0,310	-0,001	0,012	0,036	FALSE
0,042	0,308	0,002	0,009	0,062	FALSE
0,152	0,287	0,006	0,011	0,249	FALSE
-0,056	0,315	-0,001	0,007	0,061	FALSE
0,098	0,291	0,004	0,012	0,146	FALSE
-0,056	0,305	-0,001	0,007	0,074	FALSE
-0,130	0,313	-0,004	0,010	0,150	FALSE
-0,035	0,313	-0,001	0,012	0,026	FALSE
0,012	0,301	0,000	0,007	0,013	FALSE
-0,035	0,308	-0,001	0,007	0,036	FALSE
-0,205	0,292	-0,007	0,010	0,318	FALSE
0,073	0,318	0,003	0,012	0,078	FALSE
-0,078	0,294	-0,003	0,010	0,101	FALSE
-0,032	0,293	-0,002	0,012	0,053	FALSE
-0,068	0,318	-0,002	0,009	0,108	FALSE
0,019	0,306	0,000	0,007	0,022	FALSE
0,054	0,310	0,002	0,007	0,091	FALSE
0,012	0,297	-0,001	0,012	0,021	FALSE
-0,078	0,311	-0,001	0,007	0,084	FALSE
-0,064	0,297	-0,003	0,009	0,131	FALSE
0,110	0,314	0,003	0,010	0,125	FALSE
0,068	0,315	0,002	0,009	0,094	FALSE
-0,048	0,308	-0,001	0,006	0,042	FALSE
-0,070	0,306	-0,003	0,011	0,113	FALSE
-0,130	0,301	-0,002	0,006	0,156	FALSE
0,221	0,295	0,009	0,012	0,364	FALSE
-0,193	0,303	-0,009	0,013	0,331	FALSE
-0,059	0,301	-0,001	0,008	0,060	FALSE
0,094	0,291	0,002	0,011	0,082	FALSE
-0,180	0,306	-0,006	0,010	0,278	FALSE
0,101	0,311	0,002	0,007	0,133	FALSE
0,084	0,290	0,003	0,011	0,111	FALSE
-0,002	0,296	0,000	0,006	0,006	FALSE
0,034	0,312	0,001	0,011	0,034	FALSE
-0,047	0,304	-0,002	0,008	0,087	FALSE
0,037	0,305	0,001	0,007	0,049	FALSE
0,030	0,309	0,001	0,007	0,041	FALSE
-0,044	0,307	-0,002	0,008	0,077	FALSE
-0,064	0,293	-0,002	0,011	0,069	FALSE
-0,118	0,305	-0,004	0,012	0,136	FALSE
-0,088	0,312	-0,003	0,012	0,096	FALSE
0,067	0,305	0,002	0,012	0,073	FALSE
-0,030	0,307	-0,001	0,013	0,041	FALSE
0,025	0,309	0,001	0,008	0,039	FALSE
0,013	0,322	0,000	0,009	0,001	FALSE
-0,038	0,293	-0,001	0,007	0,031	FALSE
-0,095	0,297	-0,002	0,007	0,117	FALSE
-0,085	0,297	-0,002	0,007	0,102	FALSE

0,068	0,299	0,002	0,012	0,053	FALSE
0,037	0,297	0,001	0,008	0,041	FALSE
-0,080	0,307	-0,002	0,013	0,065	FALSE
0,179	0,302	0,003	0,007	0,206	FALSE
0,044	0,320	0,002	0,007	0,092	FALSE
0,125	0,311	0,003	0,006	0,174	FALSE
0,108	0,302	0,003	0,007	0,158	FALSE
-0,077	0,307	-0,002	0,006	0,109	FALSE
0,004	0,308	0,000	0,007	0,003	FALSE
0,002	0,307	0,000	0,006	0,001	FALSE
-0,044	0,316	-0,001	0,010	0,054	FALSE
0,026	0,319	0,001	0,012	0,020	FALSE
0,067	0,302	0,002	0,006	0,098	FALSE
-0,050	0,317	-0,002	0,013	0,046	FALSE
-0,040	0,322	-0,001	0,009	0,034	FALSE
-0,138	0,301	-0,004	0,010	0,179	FALSE
-0,175	0,312	-0,004	0,007	0,220	FALSE
-0,093	0,303	-0,002	0,007	0,123	FALSE
0,024	0,304	0,001	0,007	0,047	FALSE
0,194	0,297	0,005	0,008	0,285	FALSE
0,070	0,314	0,002	0,009	0,078	FALSE
0,038	0,320	0,001	0,009	0,035	FALSE
-0,082	0,295	-0,003	0,009	0,133	FALSE
-0,051	0,319	-0,001	0,009	0,056	FALSE
-0,016	0,310	-0,001	0,006	0,032	FALSE
-0,045	0,312	-0,001	0,008	0,053	FALSE
-0,089	0,324	-0,002	0,007	0,111	FALSE
-0,130	0,316	-0,002	0,006	0,139	FALSE
-0,067	0,300	-0,002	0,009	0,078	FALSE
0,035	0,305	0,000	0,007	0,009	FALSE
-0,130	0,302	-0,003	0,007	0,136	FALSE
0,086	0,311	0,003	0,007	0,149	FALSE
-0,069	0,302	-0,002	0,009	0,078	FALSE
-0,125	0,314	-0,004	0,009	0,195	FALSE
0,144	0,295	0,003	0,007	0,174	FALSE
0,022	0,306	0,000	0,010	0,012	FALSE
0,136	0,306	0,003	0,007	0,143	FALSE
0,081	0,301	0,002	0,009	0,104	FALSE
-0,013	0,307	-0,001	0,011	0,035	FALSE
0,015	0,318	0,001	0,007	0,031	FALSE
-0,025	0,299	0,000	0,010	0,011	FALSE
-0,018	0,306	-0,001	0,008	0,026	FALSE
-0,039	0,315	-0,001	0,009	0,045	FALSE
0,195	0,300	0,005	0,008	0,250	FALSE
-0,107	0,314	-0,002	0,008	0,115	FALSE
0,184	0,309	0,004	0,009	0,215	FALSE
-0,080	0,310	-0,005	0,013	0,142	FALSE
-0,189	0,294	-0,006	0,010	0,292	FALSE
0,153	0,305	0,006	0,010	0,245	FALSE
-0,066	0,303	-0,004	0,010	0,144	FALSE
0,105	0,304	0,003	0,009	0,145	FALSE
0,102	0,309	0,003	0,008	0,167	FALSE
0,008	0,311	0,000	0,007	0,007	FALSE

-0,011	0,315	-0,001	0,007	0,038	FALSE
0,209	0,300	0,005	0,008	0,295	FALSE
-0,079	0,303	-0,003	0,007	0,144	FALSE
-0,044	0,315	-0,001	0,006	0,047	FALSE
0,043	0,297	0,002	0,009	0,093	FALSE
0,054	0,305	0,001	0,007	0,082	FALSE
-0,073	0,304	-0,003	0,012	0,096	FALSE
0,032	0,310	0,001	0,009	0,022	FALSE
0,045	0,315	0,001	0,010	0,046	FALSE
-0,055	0,308	-0,002	0,010	0,088	FALSE
0,092	0,307	0,002	0,007	0,102	FALSE
0,125	0,298	0,004	0,009	0,203	FALSE
-0,059	0,305	-0,001	0,011	0,049	FALSE
-0,065	0,319	-0,002	0,011	0,055	FALSE
-0,088	0,314	-0,003	0,009	0,113	FALSE
0,024	0,302	0,000	0,009	0,010	FALSE
0,004	0,300	0,000	0,012	0,014	FALSE
-0,164	0,301	-0,003	0,006	0,205	FALSE
-0,118	0,305	-0,003	0,007	0,166	FALSE
-0,018	0,318	-0,001	0,012	0,035	FALSE
-0,041	0,288	-0,002	0,009	0,061	FALSE
0,050	0,300	0,002	0,013	0,048	FALSE
0,073	0,301	0,004	0,012	0,120	FALSE
0,086	0,306	0,003	0,010	0,107	FALSE
0,063	0,298	0,002	0,008	0,085	FALSE
0,035	0,309	0,001	0,010	0,043	FALSE
0,069	0,318	0,002	0,012	0,075	FALSE
0,016	0,313	0,001	0,007	0,037	FALSE
-0,113	0,287	-0,004	0,010	0,157	FALSE
-0,008	0,306	0,000	0,006	0,003	FALSE
-0,009	0,306	0,000	0,008	0,022	FALSE
0,016	0,307	0,000	0,012	0,002	FALSE
-0,007	0,318	-0,001	0,010	0,021	FALSE
-0,107	0,308	-0,002	0,007	0,148	FALSE
-0,045	0,309	-0,001	0,006	0,034	FALSE
0,068	0,306	0,002	0,006	0,120	FALSE
0,044	0,309	0,002	0,007	0,084	FALSE
-0,012	0,299	0,000	0,008	0,014	FALSE
-0,002	0,323	0,001	0,008	0,024	FALSE
0,008	0,300	0,000	0,009	0,002	FALSE
0,036	0,317	0,002	0,012	0,052	FALSE
-0,030	0,309	0,000	0,006	0,023	FALSE
-0,055	0,316	-0,003	0,012	0,092	FALSE
0,063	0,300	0,002	0,010	0,064	FALSE
-0,139	0,305	-0,004	0,010	0,182	FALSE
0,112	0,311	0,002	0,007	0,113	FALSE
-0,072	0,298	-0,002	0,009	0,103	FALSE
-0,017	0,304	-0,001	0,009	0,033	FALSE
0,006	0,312	0,000	0,010	0,001	FALSE
0,173	0,304	0,004	0,007	0,250	FALSE
-0,192	0,301	-0,004	0,007	0,265	FALSE
-0,180	0,298	-0,005	0,009	0,240	FALSE
0,095	0,304	0,004	0,012	0,131	FALSE

-0,046	0,321	-0,001	0,007	0,062	FALSE
0,076	0,284	0,003	0,010	0,128	FALSE
-0,060	0,302	-0,001	0,009	0,054	FALSE
0,050	0,303	0,002	0,011	0,081	FALSE
-0,029	0,318	-0,001	0,008	0,037	FALSE
-0,113	0,303	-0,004	0,009	0,184	FALSE
0,069	0,309	0,001	0,008	0,061	FALSE
0,039	0,308	0,001	0,008	0,067	FALSE
0,013	0,296	0,000	0,007	0,022	FALSE
-0,068	0,306	-0,002	0,006	0,123	FALSE
0,038	0,302	0,001	0,009	0,046	FALSE
0,029	0,304	0,000	0,007	0,006	FALSE
0,128	0,317	0,005	0,011	0,167	FALSE
-0,027	0,310	-0,001	0,007	0,065	FALSE
-0,027	0,301	-0,002	0,012	0,048	FALSE
0,107	0,317	0,004	0,012	0,119	FALSE
-0,068	0,307	-0,002	0,011	0,071	FALSE
0,040	0,300	0,001	0,009	0,041	FALSE
0,001	0,309	0,000	0,007	0,001	FALSE
-0,061	0,300	-0,002	0,008	0,080	FALSE
-0,137	0,311	-0,004	0,011	0,161	FALSE
0,085	0,305	0,002	0,008	0,081	FALSE
-0,111	0,289	-0,003	0,006	0,178	FALSE
-0,174	0,283	-0,004	0,006	0,286	FALSE
-0,008	0,313	-0,001	0,010	0,023	FALSE
-0,107	0,307	-0,003	0,009	0,142	FALSE
-0,032	0,300	-0,001	0,009	0,037	FALSE
-0,066	0,304	-0,002	0,008	0,105	FALSE
-0,075	0,307	-0,003	0,012	0,101	FALSE
0,008	0,303	0,000	0,012	0,009	FALSE
0,016	0,308	0,001	0,007	0,026	FALSE
0,033	0,306	0,001	0,007	0,053	FALSE
0,206	0,298	0,009	0,012	0,319	FALSE
0,136	0,296	0,005	0,009	0,224	FALSE
0,108	0,297	0,002	0,008	0,104	FALSE
-0,064	0,312	-0,002	0,008	0,099	FALSE
0,028	0,320	0,000	0,011	0,000	FALSE
0,062	0,299	0,002	0,009	0,066	FALSE
-0,109	0,296	-0,003	0,011	0,116	FALSE
0,013	0,304	0,001	0,006	0,055	FALSE
-0,012	0,328	0,000	0,013	0,009	FALSE
0,103	0,316	0,003	0,008	0,158	FALSE
-0,046	0,301	-0,003	0,010	0,091	FALSE
0,038	0,299	0,001	0,010	0,030	FALSE
-0,002	0,291	-0,001	0,011	0,030	FALSE
-0,105	0,323	-0,002	0,007	0,123	FALSE
-0,026	0,291	-0,001	0,006	0,040	FALSE
-0,090	0,305	-0,002	0,007	0,115	FALSE
0,016	0,303	0,000	0,013	0,001	FALSE
-0,058	0,312	-0,002	0,008	0,077	FALSE
0,088	0,309	0,002	0,010	0,084	FALSE
-0,116	0,303	-0,003	0,008	0,130	FALSE
-0,084	0,314	-0,002	0,007	0,102	FALSE

-0,102	0,304	-0,003	0,011	0,096	FALSE
-0,037	0,313	-0,002	0,010	0,065	FALSE
-0,049	0,314	-0,003	0,010	0,097	FALSE
-0,055	0,310	-0,003	0,010	0,101	FALSE
0,168	0,308	0,003	0,007	0,219	FALSE
0,028	0,308	0,001	0,008	0,033	FALSE
0,071	0,307	0,002	0,007	0,092	FALSE
0,025	0,303	0,001	0,009	0,023	FALSE
-0,054	0,317	-0,002	0,007	0,084	FALSE
0,041	0,291	0,001	0,008	0,043	FALSE
-0,016	0,317	-0,001	0,008	0,029	FALSE
0,063	0,309	0,002	0,007	0,084	FALSE
-0,125	0,290	-0,005	0,010	0,195	FALSE
-0,098	0,309	-0,002	0,007	0,128	FALSE
0,029	0,313	0,000	0,008	0,022	FALSE
0,019	0,311	0,000	0,008	0,006	FALSE
0,041	0,313	0,001	0,008	0,036	FALSE
-0,102	0,309	-0,005	0,012	0,167	FALSE
0,144	0,277	0,008	0,011	0,317	FALSE
0,026	0,311	0,001	0,006	0,031	FALSE
0,114	0,307	0,004	0,012	0,142	FALSE
0,174	0,293	0,005	0,008	0,274	FALSE
-0,040	0,304	-0,001	0,007	0,057	FALSE
-0,072	0,297	-0,002	0,010	0,076	FALSE
0,016	0,306	0,001	0,007	0,043	FALSE
0,099	0,302	0,003	0,008	0,123	FALSE
-0,019	0,307	-0,002	0,010	0,061	FALSE
-0,024	0,310	0,000	0,012	0,002	FALSE
0,007	0,305	0,000	0,010	0,000	FALSE
-0,004	0,319	0,000	0,013	0,013	FALSE
0,104	0,299	0,004	0,012	0,143	FALSE
-0,030	0,307	-0,001	0,006	0,054	FALSE
-0,045	0,299	-0,001	0,010	0,052	FALSE
-0,117	0,299	-0,003	0,009	0,145	FALSE
-0,110	0,298	-0,003	0,009	0,146	FALSE
0,070	0,308	0,002	0,007	0,086	FALSE
0,097	0,305	0,004	0,013	0,127	FALSE
-0,071	0,323	-0,002	0,012	0,078	FALSE
0,040	0,303	0,001	0,008	0,034	FALSE
0,037	0,312	0,001	0,008	0,028	FALSE
0,144	0,305	0,003	0,007	0,187	FALSE
-0,099	0,311	-0,003	0,009	0,116	FALSE
0,026	0,304	0,001	0,008	0,044	FALSE
0,147	0,292	0,006	0,012	0,215	FALSE
0,120	0,305	0,004	0,009	0,183	FALSE
-0,042	0,311	-0,001	0,013	0,037	FALSE
-0,019	0,305	0,000	0,007	0,020	FALSE
0,180	0,302	0,003	0,006	0,223	FALSE
-0,012	0,315	-0,001	0,009	0,021	FALSE
0,013	0,303	0,000	0,006	0,014	FALSE
0,023	0,299	0,000	0,006	0,019	FALSE
0,104	0,305	0,002	0,006	0,167	FALSE
0,063	0,296	0,003	0,012	0,101	FALSE

-0,065	0,307	-0,002	0,008	0,104	FALSE
0,076	0,316	0,002	0,007	0,100	FALSE
-0,051	0,314	-0,001	0,009	0,046	FALSE
0,090	0,301	0,003	0,008	0,150	FALSE
-0,016	0,295	0,001	0,011	0,030	FALSE
-0,012	0,303	0,000	0,012	0,013	FALSE
0,110	0,318	0,003	0,008	0,148	FALSE
0,014	0,314	0,000	0,007	0,014	FALSE
-0,026	0,311	-0,001	0,007	0,041	FALSE
0,143	0,307	0,006	0,012	0,198	FALSE
0,061	0,308	0,002	0,011	0,053	FALSE
0,076	0,310	0,001	0,007	0,077	FALSE
-0,065	0,292	-0,002	0,007	0,137	FALSE
-0,058	0,313	-0,002	0,010	0,084	FALSE
0,063	0,318	0,002	0,010	0,063	FALSE
-0,112	0,297	-0,003	0,009	0,117	FALSE
-0,069	0,303	-0,003	0,012	0,092	FALSE
-0,022	0,305	-0,001	0,010	0,040	FALSE
-0,098	0,301	-0,004	0,012	0,144	FALSE
-0,019	0,317	-0,001	0,012	0,016	FALSE
-0,059	0,303	-0,002	0,012	0,065	FALSE
-0,019	0,292	0,001	0,011	0,019	FALSE
-0,033	0,312	-0,003	0,013	0,074	FALSE
0,160	0,289	0,005	0,012	0,181	FALSE
-0,089	0,308	-0,001	0,008	0,047	FALSE
-0,010	0,313	0,001	0,008	0,035	FALSE
-0,031	0,315	0,000	0,007	0,025	FALSE
0,017	0,311	0,000	0,007	0,018	FALSE
0,075	0,294	0,003	0,009	0,123	FALSE
-0,071	0,307	-0,001	0,006	0,070	FALSE
0,013	0,305	0,001	0,012	0,028	FALSE
-0,004	0,303	-0,001	0,007	0,027	FALSE
-0,072	0,291	-0,002	0,009	0,071	FALSE
0,114	0,323	0,003	0,008	0,141	FALSE
-0,129	0,284	-0,003	0,006	0,183	FALSE
0,061	0,295	0,001	0,006	0,035	FALSE
0,026	0,319	0,001	0,013	0,018	FALSE
0,006	0,310	0,000	0,006	0,005	FALSE
0,073	0,308	0,003	0,012	0,093	FALSE
0,006	0,318	0,000	0,013	0,007	FALSE
0,003	0,302	0,000	0,006	0,002	FALSE
0,051	0,306	0,002	0,007	0,082	FALSE
0,085	0,300	0,002	0,006	0,135	FALSE
0,012	0,311	0,000	0,010	0,011	FALSE
-0,091	0,305	-0,003	0,010	0,105	FALSE
0,004	0,303	0,001	0,008	0,024	FALSE
-0,067	0,308	-0,002	0,008	0,092	FALSE
-0,123	0,288	-0,005	0,011	0,193	FALSE
0,090	0,299	0,004	0,013	0,115	FALSE
-0,039	0,306	-0,001	0,009	0,050	FALSE
0,020	0,319	0,000	0,010	0,015	FALSE
0,029	0,296	0,001	0,008	0,052	FALSE
-0,043	0,310	-0,001	0,010	0,053	FALSE

-0,012	0,314	0,000	0,007	0,017	FALSE
0,021	0,316	0,000	0,012	0,014	FALSE
0,014	0,304	0,000	0,006	0,017	FALSE
-0,132	0,306	-0,006	0,011	0,211	FALSE
-0,042	0,311	0,000	0,007	0,023	FALSE
-0,174	0,317	-0,004	0,009	0,218	FALSE
0,134	0,312	0,003	0,008	0,167	FALSE
-0,035	0,315	-0,001	0,007	0,068	FALSE
0,097	0,304	0,002	0,007	0,116	FALSE
0,016	0,308	0,001	0,010	0,035	FALSE
-0,024	0,314	-0,001	0,010	0,031	FALSE
-0,020	0,294	0,000	0,008	0,017	FALSE
-0,113	0,307	-0,003	0,007	0,169	FALSE
-0,081	0,302	-0,002	0,009	0,071	FALSE
0,035	0,305	0,001	0,011	0,026	FALSE
-0,098	0,304	-0,002	0,007	0,124	FALSE
0,061	0,304	0,002	0,010	0,081	FALSE
0,035	0,311	0,001	0,013	0,031	FALSE
-0,074	0,328	-0,003	0,013	0,081	FALSE
-0,005	0,305	-0,001	0,011	0,038	FALSE
-0,088	0,317	-0,003	0,009	0,122	FALSE
0,103	0,305	0,004	0,010	0,148	FALSE
-0,091	0,310	-0,003	0,009	0,121	FALSE
0,071	0,308	0,003	0,011	0,091	FALSE
0,056	0,296	0,002	0,012	0,055	FALSE
0,097	0,314	0,002	0,007	0,090	FALSE
-0,014	0,307	-0,001	0,011	0,028	FALSE
-0,010	0,301	-0,001	0,007	0,039	FALSE
-0,011	0,318	-0,001	0,007	0,027	FALSE
-0,111	0,311	-0,003	0,010	0,135	FALSE
-0,065	0,309	-0,002	0,007	0,113	FALSE
0,067	0,298	0,003	0,011	0,094	FALSE
0,059	0,309	0,001	0,007	0,035	FALSE
0,038	0,316	0,000	0,007	0,023	FALSE
0,003	0,313	0,001	0,010	0,021	FALSE
-0,017	0,317	0,000	0,012	0,002	FALSE
-0,046	0,295	-0,001	0,007	0,061	FALSE
-0,086	0,305	-0,002	0,009	0,092	FALSE
0,032	0,303	0,000	0,007	0,025	FALSE
-0,069	0,304	-0,001	0,008	0,043	FALSE
0,050	0,320	0,002	0,011	0,053	FALSE
-0,062	0,296	-0,001	0,008	0,048	FALSE
-0,046	0,302	-0,001	0,009	0,052	FALSE
-0,081	0,305	-0,002	0,008	0,112	FALSE
-0,068	0,317	-0,002	0,009	0,091	FALSE
-0,041	0,331	-0,001	0,007	0,040	FALSE
0,068	0,291	0,001	0,008	0,045	FALSE
-0,069	0,308	-0,003	0,008	0,129	FALSE
-0,052	0,320	-0,002	0,009	0,071	FALSE
0,066	0,304	0,002	0,007	0,086	FALSE
0,018	0,299	0,002	0,011	0,063	FALSE
0,040	0,312	0,003	0,012	0,084	FALSE
-0,032	0,315	-0,001	0,008	0,047	FALSE

-0,077	0,301	-0,001	0,006	0,068	FALSE
0,064	0,298	0,003	0,011	0,102	FALSE
-0,067	0,314	-0,003	0,008	0,121	FALSE
0,152	0,308	0,003	0,009	0,154	FALSE
0,003	0,301	0,000	0,012	0,000	FALSE
0,108	0,292	0,004	0,010	0,145	FALSE
-0,006	0,315	0,000	0,009	0,015	FALSE
-0,003	0,303	0,000	0,011	0,009	FALSE
0,093	0,313	0,004	0,010	0,163	FALSE
-0,091	0,297	-0,004	0,013	0,140	FALSE
0,025	0,306	0,000	0,007	0,014	FALSE
0,007	0,319	0,000	0,013	0,011	FALSE
-0,001	0,292	0,000	0,011	0,008	FALSE
-0,099	0,309	-0,003	0,010	0,127	FALSE
0,040	0,307	0,002	0,008	0,073	FALSE
0,044	0,303	0,001	0,008	0,068	FALSE
0,127	0,306	0,002	0,007	0,128	FALSE
0,147	0,294	0,004	0,007	0,234	FALSE
-0,055	0,303	-0,001	0,008	0,044	FALSE
-0,030	0,304	-0,001	0,008	0,041	FALSE
0,034	0,304	0,001	0,006	0,032	FALSE
-0,050	0,307	-0,002	0,011	0,073	FALSE
0,011	0,309	0,002	0,012	0,049	FALSE
-0,042	0,317	-0,001	0,007	0,044	FALSE
-0,028	0,314	-0,001	0,008	0,045	FALSE
0,112	0,301	0,004	0,008	0,174	FALSE
0,013	0,307	0,000	0,009	0,012	FALSE
-0,102	0,289	-0,004	0,011	0,146	FALSE
-0,156	0,304	-0,004	0,008	0,207	FALSE
-0,092	0,299	-0,004	0,012	0,136	FALSE
0,232	0,289	0,006	0,007	0,392	FALSE
0,192	0,302	0,007	0,011	0,304	FALSE
-0,006	0,289	0,000	0,007	0,000	FALSE
-0,085	0,301	-0,003	0,011	0,096	FALSE
0,095	0,305	0,002	0,007	0,146	FALSE
-0,005	0,306	0,000	0,008	0,019	FALSE
-0,004	0,318	0,000	0,008	0,017	FALSE
0,072	0,283	0,002	0,006	0,098	FALSE
0,012	0,291	-0,001	0,009	0,036	FALSE
0,053	0,309	0,001	0,012	0,042	FALSE
-0,026	0,311	0,000	0,009	0,019	FALSE
0,057	0,294	0,002	0,012	0,069	FALSE
0,014	0,305	0,000	0,006	0,004	FALSE
-0,071	0,300	-0,003	0,010	0,126	FALSE
-0,055	0,293	-0,001	0,006	0,055	FALSE
-0,018	0,308	0,000	0,011	0,004	FALSE
0,121	0,279	0,004	0,010	0,162	FALSE
0,092	0,319	0,005	0,013	0,155	FALSE
-0,092	0,294	-0,002	0,007	0,127	FALSE
0,058	0,333	0,002	0,010	0,076	FALSE
0,117	0,309	0,003	0,007	0,178	FALSE
0,060	0,298	0,003	0,009	0,118	FALSE
0,055	0,302	0,002	0,008	0,110	FALSE

0,056	0,314	0,002	0,009	0,085	FALSE
0,053	0,283	0,004	0,012	0,130	FALSE
0,031	0,292	0,000	0,009	0,000	FALSE
0,011	0,297	0,000	0,012	0,013	FALSE
0,000	0,295	0,001	0,008	0,027	FALSE
0,012	0,311	0,001	0,010	0,039	FALSE
0,018	0,316	0,001	0,010	0,051	FALSE
-0,039	0,299	-0,002	0,008	0,092	FALSE
-0,031	0,308	-0,001	0,007	0,034	FALSE
0,096	0,308	0,002	0,008	0,118	FALSE
-0,016	0,325	-0,001	0,007	0,032	FALSE
0,079	0,317	0,003	0,010	0,115	FALSE
0,084	0,308	0,001	0,007	0,066	FALSE
0,043	0,317	0,001	0,009	0,046	FALSE
0,045	0,312	0,000	0,007	0,014	FALSE
0,033	0,288	0,001	0,009	0,035	FALSE
-0,008	0,305	0,000	0,008	0,009	FALSE
-0,027	0,299	-0,002	0,012	0,047	FALSE
0,121	0,310	0,004	0,009	0,166	FALSE
-0,055	0,305	-0,001	0,008	0,056	FALSE
0,161	0,293	0,004	0,006	0,265	FALSE
0,091	0,295	0,003	0,009	0,143	FALSE
0,061	0,307	0,002	0,010	0,086	FALSE
-0,097	0,305	-0,002	0,010	0,079	FALSE
0,009	0,330	0,000	0,008	0,013	FALSE
0,044	0,297	0,002	0,012	0,057	FALSE
-0,027	0,315	0,000	0,012	0,011	FALSE
-0,097	0,305	-0,002	0,008	0,109	FALSE
-0,039	0,316	-0,001	0,009	0,053	FALSE
0,017	0,320	0,001	0,007	0,039	FALSE
0,034	0,300	0,001	0,009	0,025	FALSE
0,083	0,314	0,002	0,007	0,100	FALSE
-0,018	0,308	-0,001	0,010	0,034	FALSE
-0,043	0,317	-0,002	0,011	0,066	FALSE
-0,225	0,306	-0,005	0,007	0,293	FALSE
0,081	0,300	0,004	0,012	0,121	FALSE
0,077	0,314	0,003	0,013	0,102	FALSE
0,135	0,299	0,003	0,006	0,205	FALSE
-0,105	0,303	-0,003	0,008	0,144	FALSE
0,054	0,305	0,002	0,012	0,060	FALSE
-0,015	0,309	0,000	0,008	0,019	FALSE
0,081	0,299	0,003	0,010	0,108	FALSE
0,144	0,304	0,003	0,008	0,173	FALSE
-0,021	0,302	0,000	0,011	0,013	FALSE
0,114	0,312	0,004	0,012	0,148	FALSE
-0,157	0,296	-0,005	0,009	0,217	FALSE
0,071	0,314	0,002	0,007	0,102	FALSE
-0,100	0,296	-0,003	0,007	0,137	FALSE
-0,030	0,318	-0,001	0,008	0,030	FALSE
0,036	0,306	0,001	0,008	0,048	FALSE
0,019	0,306	0,001	0,012	0,016	FALSE
0,108	0,296	0,004	0,009	0,172	FALSE
-0,048	0,318	-0,002	0,010	0,065	FALSE

-0,056	0,312	-0,001	0,007	0,067	FALSE
0,066	0,300	0,003	0,012	0,110	FALSE
0,072	0,299	0,001	0,006	0,041	FALSE
-0,013	0,316	0,000	0,006	0,010	FALSE
-0,219	0,306	-0,005	0,007	0,328	FALSE
0,010	0,306	0,001	0,012	0,019	FALSE
-0,004	0,304	-0,001	0,013	0,015	FALSE
0,135	0,302	0,003	0,008	0,182	FALSE
-0,100	0,297	-0,004	0,011	0,138	FALSE
0,063	0,288	0,002	0,007	0,092	FALSE
0,007	0,300	0,000	0,006	0,016	FALSE
0,035	0,302	0,001	0,006	0,040	FALSE
0,129	0,288	0,006	0,012	0,197	FALSE
0,019	0,301	0,000	0,007	0,005	FALSE
0,057	0,296	0,001	0,006	0,056	FALSE
0,009	0,298	0,000	0,008	0,003	FALSE
0,051	0,311	0,002	0,011	0,064	FALSE
0,047	0,299	0,002	0,010	0,068	FALSE
0,015	0,316	0,000	0,011	0,016	FALSE
-0,006	0,301	0,000	0,012	0,006	FALSE
-0,016	0,305	0,000	0,008	0,021	FALSE
0,108	0,288	0,002	0,006	0,146	FALSE
-0,004	0,317	0,000	0,008	0,013	FALSE
-0,059	0,322	-0,002	0,010	0,085	FALSE
-0,083	0,322	-0,003	0,010	0,103	FALSE
0,092	0,294	0,003	0,009	0,105	FALSE
0,115	0,298	0,003	0,008	0,157	FALSE
-0,034	0,312	-0,001	0,007	0,030	FALSE
0,045	0,308	0,001	0,007	0,044	FALSE
-0,074	0,296	-0,002	0,010	0,100	FALSE
-0,092	0,309	-0,002	0,006	0,137	FALSE
-0,003	0,315	0,000	0,011	0,006	FALSE
-0,001	0,310	0,000	0,007	0,026	FALSE
0,063	0,298	0,002	0,008	0,086	FALSE
0,170	0,311	0,005	0,009	0,210	FALSE
-0,130	0,318	-0,003	0,007	0,173	FALSE
0,050	0,305	0,001	0,008	0,063	FALSE
0,103	0,306	0,003	0,010	0,116	FALSE
-0,012	0,309	0,000	0,006	0,002	FALSE
-0,020	0,314	0,000	0,006	0,018	FALSE
0,057	0,299	0,002	0,012	0,065	FALSE
-0,002	0,308	0,000	0,007	0,005	FALSE
-0,017	0,304	0,000	0,008	0,019	FALSE
0,068	0,309	0,002	0,012	0,066	FALSE
0,072	0,304	0,002	0,007	0,099	FALSE
-0,149	0,306	-0,007	0,013	0,218	FALSE
0,006	0,317	0,000	0,011	0,001	FALSE
0,013	0,304	0,000	0,011	0,015	FALSE
-0,027	0,306	-0,001	0,006	0,038	FALSE
0,106	0,293	0,003	0,007	0,176	FALSE
0,051	0,312	0,002	0,007	0,091	FALSE
0,129	0,306	0,004	0,010	0,157	FALSE
0,015	0,299	0,001	0,009	0,029	FALSE

-0,133	0,309	-0,002	0,007	0,150	FALSE
0,100	0,295	0,003	0,009	0,127	FALSE
-0,160	0,311	-0,007	0,012	0,250	FALSE
-0,154	0,305	-0,004	0,009	0,170	FALSE
0,037	0,298	0,001	0,007	0,056	FALSE
0,000	0,307	0,000	0,007	0,007	FALSE
-0,093	0,298	-0,002	0,007	0,134	FALSE
0,081	0,282	0,003	0,012	0,086	FALSE
-0,048	0,310	-0,002	0,012	0,054	FALSE
-0,048	0,321	-0,001	0,010	0,055	FALSE
0,066	0,304	0,001	0,012	0,041	FALSE
0,035	0,308	0,001	0,011	0,048	FALSE
-0,140	0,300	-0,003	0,007	0,195	FALSE
0,137	0,285	0,002	0,006	0,161	FALSE
-0,076	0,319	-0,002	0,008	0,087	FALSE
0,055	0,311	0,001	0,010	0,027	FALSE
0,107	0,321	0,003	0,010	0,101	FALSE
0,175	0,282	0,006	0,008	0,322	FALSE
-0,065	0,302	-0,003	0,012	0,095	FALSE
0,023	0,326	0,001	0,013	0,022	FALSE
-0,070	0,300	-0,002	0,008	0,108	FALSE
-0,038	0,300	0,000	0,011	0,002	FALSE
-0,161	0,295	-0,006	0,011	0,244	FALSE
-0,077	0,296	-0,003	0,009	0,141	FALSE
0,012	0,310	0,000	0,008	0,015	FALSE
0,062	0,300	0,002	0,011	0,072	FALSE
0,047	0,308	0,002	0,011	0,053	FALSE
0,151	0,316	0,006	0,013	0,190	FALSE
0,050	0,310	0,002	0,009	0,079	FALSE
-0,049	0,292	-0,002	0,011	0,067	FALSE
-0,072	0,304	-0,002	0,007	0,097	FALSE
-0,063	0,308	-0,002	0,013	0,061	FALSE
-0,062	0,289	-0,003	0,009	0,107	FALSE
-0,026	0,303	0,000	0,006	0,027	FALSE
-0,032	0,303	0,000	0,006	0,022	FALSE
0,074	0,314	0,001	0,007	0,078	FALSE
-0,026	0,314	-0,001	0,011	0,039	FALSE
0,066	0,310	0,001	0,008	0,070	FALSE
0,063	0,290	0,001	0,007	0,063	FALSE
-0,114	0,302	-0,002	0,007	0,137	FALSE
-0,041	0,306	-0,001	0,006	0,042	FALSE
-0,174	0,290	-0,004	0,008	0,210	FALSE
-0,075	0,305	-0,001	0,006	0,079	FALSE
0,160	0,296	0,003	0,008	0,173	FALSE
-0,027	0,313	-0,001	0,009	0,024	FALSE
-0,051	0,313	-0,002	0,013	0,061	FALSE
-0,096	0,304	-0,003	0,011	0,115	FALSE
0,155	0,292	0,006	0,012	0,211	FALSE
-0,129	0,299	-0,002	0,006	0,171	FALSE
-0,155	0,293	-0,007	0,013	0,224	FALSE
0,060	0,306	0,001	0,007	0,058	FALSE
0,061	0,302	0,001	0,007	0,062	FALSE
-0,051	0,305	-0,001	0,007	0,053	FALSE

0,089	0,311	0,003	0,008	0,159	FALSE
0,028	0,307	0,001	0,011	0,022	FALSE
-0,135	0,311	-0,003	0,007	0,176	FALSE
0,056	0,309	0,002	0,012	0,061	FALSE
0,045	0,297	0,001	0,006	0,036	FALSE
0,059	0,304	0,001	0,006	0,077	FALSE
-0,093	0,315	-0,003	0,012	0,104	FALSE
0,007	0,315	0,000	0,008	0,005	FALSE
0,151	0,311	0,005	0,010	0,223	FALSE
-0,105	0,297	-0,004	0,009	0,159	FALSE
-0,195	0,285	-0,009	0,011	0,344	FALSE
-0,182	0,293	-0,008	0,012	0,316	FALSE
-0,112	0,310	-0,005	0,012	0,176	FALSE
-0,015	0,314	0,000	0,007	0,022	FALSE
-0,090	0,297	-0,003	0,009	0,141	FALSE
0,097	0,304	0,005	0,012	0,152	FALSE
0,087	0,292	0,001	0,006	0,057	FALSE
0,047	0,317	0,002	0,011	0,058	FALSE
-0,009	0,317	0,000	0,007	0,011	FALSE
-0,037	0,313	-0,001	0,011	0,025	FALSE
0,191	0,301	0,005	0,008	0,284	FALSE
-0,041	0,300	-0,001	0,010	0,037	FALSE
-0,127	0,293	-0,005	0,010	0,211	FALSE
-0,009	0,305	0,000	0,007	0,002	FALSE
-0,137	0,297	-0,006	0,012	0,208	FALSE
-0,035	0,303	-0,001	0,010	0,031	FALSE
-0,045	0,318	-0,001	0,008	0,037	FALSE
0,035	0,310	0,001	0,012	0,032	FALSE
0,028	0,299	0,001	0,012	0,020	FALSE
-0,163	0,308	-0,005	0,009	0,233	FALSE
-0,055	0,311	-0,003	0,010	0,104	FALSE
-0,059	0,316	-0,002	0,013	0,069	FALSE
0,024	0,321	0,000	0,013	0,013	FALSE
-0,032	0,295	-0,001	0,006	0,047	FALSE
-0,058	0,301	-0,001	0,011	0,048	FALSE
-0,037	0,314	0,000	0,008	0,019	FALSE
0,047	0,286	0,002	0,007	0,085	FALSE
0,004	0,316	0,000	0,007	0,005	FALSE
-0,031	0,295	-0,001	0,010	0,034	FALSE
0,081	0,308	0,003	0,011	0,098	FALSE
0,045	0,302	0,001	0,007	0,034	FALSE
0,137	0,283	0,006	0,012	0,199	FALSE
-0,061	0,313	-0,001	0,007	0,081	FALSE
0,039	0,298	0,001	0,007	0,034	FALSE
-0,052	0,302	-0,001	0,010	0,051	FALSE
-0,014	0,301	0,000	0,010	0,010	FALSE
0,210	0,299	0,008	0,011	0,335	FALSE
-0,103	0,310	-0,002	0,007	0,135	FALSE
0,019	0,295	0,000	0,007	0,007	FALSE
0,017	0,301	0,001	0,006	0,040	FALSE
-0,085	0,322	-0,002	0,007	0,108	FALSE
0,015	0,301	0,001	0,010	0,042	FALSE
-0,065	0,311	-0,001	0,007	0,077	FALSE

0,057	0,304	0,001	0,010	0,049	FALSE
0,069	0,306	0,001	0,007	0,048	FALSE
0,007	0,294	0,000	0,010	0,014	FALSE
-0,012	0,322	0,000	0,007	0,016	FALSE
0,045	0,301	0,001	0,010	0,017	FALSE
-0,124	0,315	-0,004	0,013	0,125	FALSE
0,195	0,303	0,006	0,010	0,262	FALSE
-0,014	0,307	0,000	0,008	0,002	FALSE
0,019	0,322	0,000	0,010	0,011	FALSE
0,090	0,313	0,002	0,008	0,100	FALSE
-0,003	0,306	0,000	0,007	0,006	FALSE
0,002	0,304	0,000	0,007	0,003	FALSE
-0,074	0,295	-0,001	0,006	0,083	FALSE
0,027	0,311	0,000	0,007	0,000	FALSE
-0,130	0,298	-0,003	0,010	0,125	FALSE
0,042	0,299	0,001	0,009	0,027	FALSE
-0,064	0,313	-0,001	0,006	0,072	FALSE
-0,099	0,309	-0,002	0,007	0,136	FALSE
-0,038	0,294	-0,001	0,007	0,058	FALSE
0,067	0,299	0,003	0,010	0,101	FALSE
0,007	0,317	0,001	0,010	0,023	FALSE
0,041	0,320	0,001	0,008	0,070	FALSE
0,041	0,315	0,001	0,008	0,073	FALSE
0,014	0,316	0,000	0,013	0,003	FALSE
-0,212	0,311	-0,006	0,008	0,293	FALSE
0,066	0,308	0,002	0,008	0,093	FALSE
0,029	0,312	0,001	0,012	0,019	FALSE
0,052	0,298	0,002	0,006	0,107	FALSE
0,084	0,300	0,004	0,011	0,129	FALSE
0,051	0,316	0,001	0,011	0,047	FALSE
0,030	0,295	0,001	0,008	0,053	FALSE
0,006	0,295	0,000	0,008	0,023	FALSE
-0,029	0,313	-0,001	0,007	0,028	FALSE
0,009	0,296	0,000	0,008	0,006	FALSE
0,141	0,307	0,004	0,009	0,194	FALSE
0,020	0,303	0,000	0,006	0,018	FALSE
-0,008	0,305	0,000	0,007	0,004	FALSE
0,159	0,295	0,005	0,009	0,242	FALSE
-0,034	0,312	-0,001	0,012	0,039	FALSE
0,129	0,323	0,003	0,007	0,155	FALSE
0,004	0,303	0,000	0,006	0,012	FALSE
0,108	0,307	0,003	0,010	0,132	FALSE
-0,009	0,314	0,000	0,008	0,009	FALSE
-0,073	0,319	-0,003	0,011	0,088	FALSE
-0,034	0,298	0,000	0,011	0,008	FALSE
0,019	0,315	0,001	0,012	0,043	FALSE
0,103	0,306	0,004	0,010	0,162	FALSE
-0,122	0,321	-0,003	0,008	0,144	FALSE
-0,034	0,305	-0,001	0,010	0,027	FALSE
0,041	0,309	0,001	0,009	0,043	FALSE
-0,110	0,297	-0,005	0,012	0,162	FALSE
0,205	0,277	0,006	0,007	0,406	FALSE
-0,004	0,309	0,000	0,010	0,012	FALSE

0,105	0,303	0,003	0,007	0,136	FALSE
-0,076	0,303	-0,002	0,007	0,098	FALSE
0,060	0,306	0,002	0,006	0,097	FALSE
-0,066	0,308	-0,001	0,007	0,075	FALSE
0,047	0,320	0,000	0,008	0,019	FALSE
0,131	0,314	0,004	0,007	0,211	FALSE
0,067	0,297	0,002	0,009	0,096	FALSE
0,004	0,300	0,000	0,007	0,011	FALSE
0,036	0,292	0,001	0,011	0,020	FALSE
0,007	0,308	0,000	0,010	0,011	FALSE
0,097	0,301	0,002	0,009	0,071	FALSE
-0,063	0,301	-0,001	0,010	0,044	FALSE
0,041	0,316	0,001	0,007	0,047	FALSE
-0,084	0,320	-0,003	0,008	0,130	FALSE
-0,098	0,301	-0,004	0,011	0,162	FALSE
-0,070	0,298	-0,002	0,006	0,117	FALSE
0,011	0,291	-0,001	0,009	0,033	FALSE
0,084	0,308	0,002	0,006	0,119	FALSE
0,060	0,304	0,002	0,011	0,086	FALSE
-0,073	0,293	-0,003	0,012	0,100	FALSE
-0,038	0,299	-0,002	0,013	0,055	FALSE
-0,140	0,285	-0,004	0,009	0,209	FALSE
-0,052	0,306	-0,001	0,008	0,052	FALSE
-0,156	0,315	-0,003	0,006	0,184	FALSE
0,027	0,322	0,001	0,008	0,041	FALSE
0,073	0,299	0,001	0,007	0,072	FALSE
0,043	0,312	0,001	0,010	0,040	FALSE
-0,129	0,291	-0,006	0,010	0,232	FALSE
0,194	0,285	0,005	0,006	0,329	FALSE
-0,113	0,288	-0,005	0,010	0,221	FALSE
-0,049	0,308	-0,002	0,007	0,084	FALSE
0,040	0,309	0,002	0,012	0,057	FALSE
0,026	0,294	0,001	0,011	0,036	FALSE
0,054	0,301	0,001	0,007	0,046	FALSE
-0,089	0,309	-0,004	0,013	0,128	FALSE
-0,024	0,322	0,000	0,009	0,013	FALSE
0,056	0,325	0,001	0,007	0,039	FALSE
-0,009	0,316	-0,001	0,010	0,042	FALSE
-0,026	0,309	-0,001	0,009	0,030	FALSE
-0,096	0,299	-0,004	0,010	0,144	FALSE
-0,143	0,310	-0,003	0,006	0,200	FALSE
0,017	0,306	0,001	0,011	0,036	FALSE
-0,023	0,318	-0,001	0,012	0,036	FALSE
0,058	0,310	0,002	0,013	0,051	FALSE
0,022	0,314	0,000	0,011	0,012	FALSE
0,008	0,322	0,000	0,009	0,001	FALSE
-0,049	0,293	-0,002	0,010	0,059	FALSE
-0,035	0,305	0,000	0,007	0,017	FALSE
0,106	0,289	0,004	0,009	0,169	FALSE
0,029	0,311	0,001	0,012	0,038	FALSE
-0,013	0,306	0,000	0,008	0,004	FALSE
0,200	0,299	0,004	0,007	0,248	FALSE
-0,027	0,309	0,000	0,009	0,013	FALSE

-0,057	0,305	-0,001	0,008	0,052	FALSE
0,094	0,298	0,003	0,013	0,096	FALSE
-0,157	0,305	-0,004	0,008	0,199	FALSE
-0,145	0,298	-0,005	0,013	0,172	FALSE
0,048	0,297	0,001	0,012	0,042	FALSE
0,041	0,310	0,001	0,007	0,045	FALSE
0,045	0,318	0,001	0,007	0,060	FALSE
0,001	0,308	0,000	0,007	0,013	FALSE
-0,032	0,309	-0,001	0,007	0,044	FALSE
0,113	0,306	0,002	0,008	0,128	FALSE
-0,092	0,284	-0,002	0,008	0,117	FALSE
-0,035	0,293	-0,003	0,011	0,084	FALSE
-0,134	0,303	-0,005	0,010	0,213	FALSE
0,019	0,323	0,000	0,012	0,010	FALSE
0,145	0,296	0,007	0,012	0,238	FALSE
-0,065	0,305	-0,003	0,011	0,112	FALSE
-0,021	0,312	-0,001	0,011	0,020	FALSE
0,152	0,292	0,003	0,008	0,160	FALSE
-0,064	0,299	-0,001	0,008	0,074	FALSE
0,164	0,297	0,004	0,008	0,222	FALSE
0,122	0,304	0,004	0,009	0,169	FALSE
0,061	0,292	0,002	0,008	0,122	FALSE
-0,186	0,302	-0,005	0,008	0,267	FALSE
-0,079	0,303	-0,002	0,010	0,091	FALSE
0,062	0,305	0,002	0,006	0,110	FALSE
-0,027	0,304	-0,002	0,011	0,049	FALSE
-0,025	0,298	-0,001	0,012	0,021	FALSE
0,003	0,304	0,001	0,007	0,042	FALSE
-0,114	0,306	-0,003	0,008	0,154	FALSE
0,096	0,301	0,004	0,012	0,123	FALSE
0,077	0,318	0,002	0,008	0,091	FALSE
0,030	0,303	0,001	0,012	0,036	FALSE
0,039	0,312	0,001	0,007	0,035	FALSE
-0,023	0,313	0,000	0,012	0,006	FALSE
0,052	0,309	0,002	0,008	0,115	FALSE
-0,072	0,309	-0,002	0,011	0,073	FALSE
-0,020	0,299	0,000	0,011	0,005	FALSE
-0,060	0,309	-0,003	0,013	0,091	FALSE
0,022	0,303	0,001	0,008	0,032	FALSE
0,117	0,315	0,004	0,009	0,183	FALSE
0,000	0,316	0,001	0,009	0,029	FALSE
0,072	0,309	0,002	0,009	0,105	FALSE
0,228	0,293	0,006	0,007	0,400	FALSE
-0,057	0,310	-0,002	0,007	0,081	FALSE
0,094	0,295	0,003	0,010	0,130	FALSE
-0,089	0,294	-0,003	0,013	0,099	FALSE
-0,033	0,299	0,000	0,012	0,006	FALSE
0,023	0,304	0,001	0,010	0,053	FALSE
0,183	0,299	0,005	0,009	0,246	FALSE
0,067	0,296	0,002	0,009	0,089	FALSE
0,022	0,304	0,001	0,011	0,018	FALSE
-0,110	0,301	-0,006	0,012	0,198	FALSE
-0,016	0,305	-0,001	0,009	0,031	FALSE

-0,117	0,301	-0,002	0,006	0,118	FALSE
-0,029	0,312	-0,001	0,010	0,027	FALSE
-0,119	0,304	-0,003	0,007	0,166	FALSE
0,029	0,305	0,001	0,010	0,046	FALSE
-0,006	0,313	0,000	0,008	0,015	FALSE
0,024	0,305	0,001	0,012	0,034	FALSE
-0,033	0,325	-0,001	0,009	0,053	FALSE
-0,053	0,300	-0,002	0,009	0,090	FALSE
-0,003	0,305	0,000	0,010	0,002	FALSE
0,029	0,320	0,001	0,010	0,020	FALSE
0,032	0,307	0,002	0,012	0,049	FALSE
-0,055	0,311	-0,003	0,011	0,086	FALSE
-0,063	0,286	-0,002	0,011	0,081	FALSE
-0,097	0,305	-0,003	0,011	0,096	FALSE
0,018	0,314	0,000	0,007	0,014	FALSE
-0,009	0,307	0,000	0,009	0,018	FALSE
-0,064	0,295	-0,002	0,008	0,084	FALSE
-0,006	0,301	0,000	0,011	0,003	FALSE
0,046	0,301	0,001	0,009	0,047	FALSE
0,003	0,313	0,000	0,013	0,002	FALSE
0,047	0,303	0,001	0,007	0,066	FALSE
-0,159	0,294	-0,005	0,010	0,216	FALSE
0,038	0,304	0,001	0,012	0,026	FALSE
0,080	0,290	0,002	0,007	0,087	FALSE
0,076	0,308	0,002	0,006	0,103	FALSE
0,079	0,309	0,004	0,013	0,136	FALSE
0,075	0,310	0,002	0,007	0,136	FALSE
-0,020	0,323	-0,001	0,007	0,039	FALSE
-0,043	0,306	-0,002	0,009	0,071	FALSE
-0,013	0,313	-0,001	0,009	0,023	FALSE
-0,081	0,307	-0,003	0,010	0,097	FALSE
0,015	0,291	0,000	0,011	0,009	FALSE
0,008	0,312	0,000	0,013	0,006	FALSE
0,007	0,316	0,000	0,008	0,002	FALSE
-0,050	0,291	-0,002	0,008	0,073	FALSE
-0,159	0,303	-0,006	0,009	0,284	FALSE
0,178	0,296	0,007	0,012	0,278	FALSE
-0,018	0,313	0,000	0,010	0,010	FALSE
-0,031	0,305	0,000	0,009	0,012	FALSE
-0,058	0,301	-0,002	0,008	0,078	FALSE
0,074	0,315	0,001	0,007	0,067	FALSE
0,018	0,311	0,000	0,007	0,015	FALSE
-0,001	0,307	0,000	0,007	0,015	FALSE
-0,105	0,302	-0,002	0,007	0,145	FALSE
0,124	0,297	0,003	0,006	0,185	FALSE
-0,017	0,310	-0,001	0,012	0,019	FALSE
0,019	0,313	0,000	0,006	0,028	FALSE
-0,007	0,316	0,000	0,012	0,001	FALSE
0,030	0,314	0,001	0,011	0,029	FALSE
-0,121	0,321	-0,004	0,013	0,132	FALSE
0,017	0,295	0,000	0,011	0,009	FALSE
0,055	0,301	0,001	0,007	0,075	FALSE
0,059	0,294	0,001	0,006	0,070	FALSE

-0,135	0,301	-0,004	0,010	0,162	FALSE
-0,020	0,299	-0,001	0,007	0,050	FALSE
-0,062	0,327	-0,003	0,012	0,083	FALSE
-0,102	0,303	-0,004	0,011	0,149	FALSE
-0,051	0,286	-0,001	0,007	0,058	FALSE
0,065	0,304	0,002	0,009	0,100	FALSE
-0,079	0,319	-0,002	0,008	0,113	FALSE
0,038	0,311	0,001	0,009	0,041	FALSE
-0,050	0,306	0,000	0,006	0,025	FALSE
-0,055	0,309	-0,002	0,008	0,075	FALSE
0,006	0,289	0,001	0,010	0,021	FALSE
-0,021	0,309	-0,002	0,013	0,052	FALSE
0,138	0,307	0,007	0,012	0,232	FALSE
-0,119	0,297	-0,004	0,008	0,189	FALSE
-0,086	0,316	-0,003	0,009	0,133	FALSE
-0,150	0,297	-0,003	0,006	0,196	FALSE
0,044	0,291	0,001	0,006	0,066	FALSE
-0,063	0,324	-0,002	0,011	0,070	FALSE
-0,011	0,310	-0,001	0,009	0,027	FALSE
0,113	0,305	0,004	0,012	0,127	FALSE
0,013	0,310	0,001	0,010	0,021	FALSE
0,099	0,308	0,003	0,010	0,138	FALSE
-0,107	0,316	-0,003	0,013	0,106	FALSE
0,042	0,317	0,002	0,011	0,049	FALSE
0,109	0,314	0,003	0,007	0,159	FALSE
0,167	0,297	0,004	0,007	0,236	FALSE
0,144	0,304	0,005	0,012	0,152	FALSE
-0,136	0,313	-0,004	0,008	0,200	FALSE
-0,073	0,313	-0,002	0,008	0,085	FALSE
-0,016	0,306	0,000	0,011	0,002	FALSE
-0,173	0,316	-0,005	0,009	0,265	FALSE
0,040	0,315	0,001	0,008	0,041	FALSE
0,099	0,302	0,003	0,012	0,103	FALSE
0,038	0,317	0,001	0,008	0,065	FALSE
0,024	0,309	0,002	0,011	0,060	FALSE
0,097	0,293	0,002	0,008	0,086	FALSE
0,041	0,309	0,003	0,013	0,082	FALSE
0,046	0,311	0,001	0,007	0,062	FALSE
0,000	0,302	0,001	0,009	0,027	FALSE
0,025	0,300	0,000	0,008	0,011	FALSE
0,015	0,309	0,001	0,010	0,031	FALSE
-0,092	0,322	-0,002	0,006	0,109	FALSE
-0,182	0,315	-0,005	0,008	0,249	FALSE
0,006	0,309	0,000	0,008	0,020	FALSE
0,096	0,304	0,005	0,012	0,161	FALSE
0,126	0,312	0,003	0,007	0,157	FALSE
-0,127	0,305	-0,005	0,011	0,181	FALSE
0,034	0,307	0,001	0,007	0,063	FALSE
-0,160	0,300	-0,004	0,008	0,210	FALSE
-0,067	0,289	-0,004	0,012	0,144	FALSE
-0,097	0,303	-0,003	0,009	0,136	FALSE
0,066	0,316	0,002	0,011	0,064	FALSE
-0,013	0,322	-0,001	0,008	0,031	FALSE

0,083	0,316	0,002	0,008	0,071	FALSE
0,107	0,318	0,006	0,013	0,179	FALSE
0,013	0,311	0,001	0,012	0,038	FALSE
0,064	0,311	0,002	0,008	0,103	FALSE
0,074	0,320	0,001	0,008	0,072	FALSE
-0,034	0,323	-0,002	0,009	0,074	FALSE
-0,196	0,315	-0,004	0,006	0,262	FALSE
0,030	0,297	0,001	0,008	0,032	FALSE
-0,014	0,298	-0,001	0,012	0,026	FALSE
0,149	0,303	0,005	0,009	0,242	FALSE
-0,021	0,305	-0,001	0,006	0,043	FALSE
-0,106	0,290	-0,005	0,012	0,171	FALSE
-0,076	0,297	-0,004	0,012	0,115	FALSE
0,044	0,305	0,002	0,009	0,097	FALSE
-0,015	0,319	0,000	0,011	0,001	FALSE
0,124	0,301	0,005	0,013	0,175	FALSE
-0,109	0,299	-0,003	0,007	0,154	FALSE
-0,185	0,296	-0,005	0,008	0,256	FALSE
0,082	0,310	0,004	0,013	0,112	FALSE
0,015	0,297	0,001	0,012	0,027	FALSE
0,000	0,316	0,000	0,007	0,011	FALSE
-0,113	0,304	-0,003	0,007	0,172	FALSE
-0,111	0,322	-0,004	0,009	0,167	FALSE
-0,072	0,311	-0,004	0,012	0,122	FALSE
-0,054	0,298	-0,003	0,012	0,097	FALSE
-0,070	0,295	-0,004	0,012	0,118	FALSE
0,007	0,309	0,001	0,007	0,039	FALSE
0,001	0,306	0,000	0,007	0,006	FALSE
0,041	0,300	0,001	0,008	0,057	FALSE
0,192	0,297	0,007	0,012	0,262	FALSE
-0,030	0,309	-0,002	0,010	0,068	FALSE
0,116	0,303	0,002	0,006	0,124	FALSE
0,035	0,302	0,001	0,007	0,040	FALSE
0,031	0,298	0,001	0,006	0,040	FALSE
0,036	0,300	0,001	0,006	0,066	FALSE
-0,179	0,296	-0,008	0,011	0,307	FALSE
-0,034	0,306	-0,001	0,010	0,053	FALSE
-0,009	0,307	0,000	0,011	0,006	FALSE
0,034	0,298	0,001	0,011	0,044	FALSE
-0,016	0,300	-0,001	0,011	0,018	FALSE
0,009	0,319	0,000	0,010	0,015	FALSE
0,068	0,308	0,002	0,010	0,070	FALSE
0,062	0,316	0,002	0,009	0,082	FALSE
0,042	0,297	0,002	0,012	0,067	FALSE
0,060	0,305	0,002	0,009	0,070	FALSE
-0,027	0,297	-0,001	0,006	0,057	FALSE
0,163	0,304	0,003	0,006	0,203	FALSE
-0,093	0,295	-0,003	0,009	0,120	FALSE
0,183	0,306	0,004	0,007	0,279	FALSE
-0,067	0,299	-0,002	0,009	0,086	FALSE
-0,068	0,317	-0,002	0,009	0,101	FALSE
0,020	0,311	0,001	0,009	0,026	FALSE
0,060	0,317	0,002	0,012	0,072	FALSE

0,055	0,298	0,003	0,011	0,094	FALSE
0,021	0,306	0,000	0,007	0,010	FALSE
0,006	0,314	0,001	0,009	0,023	FALSE
0,082	0,295	0,003	0,007	0,147	FALSE
-0,015	0,306	-0,001	0,008	0,032	FALSE
-0,002	0,309	0,000	0,007	0,010	FALSE
0,053	0,309	0,001	0,007	0,080	FALSE
-0,071	0,309	-0,002	0,007	0,101	FALSE
-0,092	0,322	-0,002	0,007	0,127	FALSE
0,128	0,315	0,004	0,011	0,150	FALSE
-0,016	0,300	-0,001	0,007	0,051	FALSE
0,102	0,310	0,002	0,009	0,099	FALSE
-0,117	0,311	-0,003	0,007	0,178	FALSE
-0,105	0,310	-0,002	0,007	0,146	FALSE
0,078	0,306	0,002	0,006	0,110	FALSE
-0,119	0,305	-0,003	0,007	0,183	FALSE
0,044	0,310	0,003	0,011	0,085	FALSE
0,035	0,296	0,001	0,012	0,040	FALSE
0,039	0,310	0,001	0,008	0,031	FALSE
0,051	0,312	0,002	0,010	0,086	FALSE
0,084	0,293	0,004	0,012	0,148	FALSE
0,006	0,302	0,000	0,009	0,012	FALSE
0,023	0,309	0,001	0,011	0,032	FALSE
0,002	0,309	0,001	0,008	0,026	FALSE
0,179	0,301	0,004	0,006	0,265	FALSE
-0,019	0,295	0,000	0,011	0,016	FALSE
-0,005	0,300	-0,001	0,010	0,040	FALSE
-0,020	0,319	-0,001	0,007	0,040	FALSE
-0,061	0,322	-0,001	0,007	0,069	FALSE
-0,185	0,290	-0,005	0,009	0,240	FALSE
-0,176	0,290	-0,005	0,009	0,263	FALSE
-0,047	0,304	-0,001	0,007	0,085	FALSE
-0,023	0,316	-0,001	0,007	0,051	FALSE
-0,113	0,314	-0,005	0,011	0,190	FALSE
-0,085	0,313	-0,004	0,011	0,165	FALSE
-0,061	0,302	-0,003	0,009	0,124	FALSE
-0,055	0,295	-0,001	0,007	0,061	FALSE
0,150	0,306	0,005	0,009	0,217	FALSE
-0,114	0,311	-0,005	0,012	0,178	FALSE
0,203	0,290	0,006	0,009	0,309	FALSE
-0,120	0,299	-0,002	0,007	0,128	FALSE
-0,034	0,304	-0,001	0,012	0,028	FALSE
0,012	0,322	0,000	0,011	0,005	FALSE
-0,028	0,311	-0,001	0,012	0,029	FALSE
-0,132	0,320	-0,002	0,007	0,131	FALSE
0,081	0,308	0,002	0,008	0,101	FALSE
-0,035	0,318	-0,001	0,011	0,040	FALSE
0,171	0,286	0,005	0,008	0,311	FALSE
-0,044	0,300	0,000	0,007	0,013	FALSE
-0,010	0,313	0,000	0,007	0,001	FALSE
0,009	0,305	0,000	0,008	0,004	FALSE
-0,053	0,304	-0,002	0,012	0,055	FALSE
0,023	0,311	0,001	0,008	0,023	FALSE

-0,048	0,310	-0,002	0,007	0,088	FALSE
0,080	0,304	0,002	0,006	0,109	FALSE
0,106	0,302	0,004	0,011	0,150	FALSE
0,047	0,319	0,002	0,011	0,053	FALSE
-0,048	0,308	-0,001	0,007	0,064	FALSE
0,091	0,317	0,004	0,012	0,130	FALSE
-0,008	0,310	0,000	0,008	0,005	FALSE
0,017	0,309	0,001	0,009	0,035	FALSE
-0,078	0,303	-0,002	0,007	0,106	FALSE
0,017	0,308	0,000	0,011	0,013	FALSE
-0,063	0,303	-0,002	0,008	0,075	FALSE
-0,074	0,310	-0,002	0,009	0,099	FALSE
0,107	0,308	0,005	0,013	0,147	FALSE
-0,004	0,297	0,000	0,006	0,013	FALSE
-0,008	0,301	0,000	0,006	0,020	FALSE
-0,007	0,307	-0,001	0,011	0,024	FALSE
0,109	0,303	0,004	0,010	0,166	FALSE
-0,087	0,309	-0,002	0,007	0,096	FALSE
0,008	0,301	0,000	0,008	0,007	FALSE
0,039	0,305	0,002	0,012	0,055	FALSE
0,047	0,286	0,002	0,011	0,052	FALSE
-0,089	0,306	-0,002	0,008	0,106	FALSE
-0,059	0,309	-0,002	0,013	0,048	FALSE
0,005	0,302	0,000	0,007	0,002	FALSE
-0,004	0,313	0,000	0,009	0,008	FALSE
0,146	0,289	0,005	0,010	0,181	FALSE
0,121	0,288	0,002	0,006	0,132	FALSE
0,007	0,311	0,000	0,012	0,011	FALSE
0,023	0,314	0,001	0,007	0,033	FALSE
-0,213	0,304	-0,008	0,011	0,358	FALSE
0,065	0,306	0,002	0,010	0,083	FALSE
-0,075	0,307	-0,002	0,007	0,101	FALSE
-0,130	0,289	-0,006	0,012	0,202	FALSE
0,171	0,298	0,005	0,008	0,254	FALSE
0,023	0,310	0,001	0,012	0,022	FALSE
0,096	0,310	0,002	0,007	0,110	FALSE
0,030	0,313	0,001	0,009	0,032	FALSE
0,077	0,315	0,002	0,007	0,103	FALSE
0,103	0,321	0,003	0,009	0,113	FALSE
-0,064	0,312	-0,002	0,007	0,088	FALSE
-0,005	0,325	0,000	0,014	0,003	FALSE
0,010	0,315	0,000	0,011	0,005	FALSE
0,053	0,326	0,003	0,013	0,081	FALSE
-0,013	0,304	0,000	0,007	0,020	FALSE
-0,059	0,317	-0,001	0,008	0,051	FALSE
0,095	0,304	0,003	0,008	0,138	FALSE
0,088	0,307	0,003	0,008	0,124	FALSE
0,072	0,296	0,001	0,007	0,076	FALSE
-0,024	0,311	0,000	0,008	0,014	FALSE
0,022	0,314	0,001	0,007	0,041	FALSE
0,015	0,303	0,000	0,007	0,015	FALSE
-0,005	0,293	0,000	0,007	0,003	FALSE
0,006	0,315	0,000	0,013	0,008	FALSE

0,071	0,304	0,003	0,012	0,087	FALSE
0,032	0,309	0,001	0,010	0,029	FALSE
0,023	0,304	0,001	0,009	0,044	FALSE
-0,127	0,289	-0,005	0,010	0,222	FALSE
0,009	0,312	0,000	0,010	0,015	FALSE
0,140	0,308	0,002	0,006	0,134	FALSE
0,125	0,307	0,005	0,012	0,164	FALSE
0,027	0,314	0,000	0,012	0,007	FALSE
-0,060	0,303	-0,001	0,007	0,051	FALSE
-0,065	0,298	-0,002	0,009	0,070	FALSE
-0,128	0,327	-0,004	0,010	0,152	FALSE
0,054	0,311	0,002	0,011	0,075	FALSE
0,106	0,321	0,005	0,013	0,151	FALSE
-0,139	0,297	-0,004	0,008	0,195	FALSE
0,086	0,305	0,002	0,007	0,122	FALSE
-0,013	0,307	0,000	0,008	0,018	FALSE
-0,001	0,313	0,001	0,013	0,035	FALSE
0,039	0,311	0,001	0,007	0,045	FALSE
0,011	0,321	0,000	0,013	0,009	FALSE
0,020	0,307	0,000	0,012	0,013	FALSE
-0,116	0,304	-0,004	0,013	0,116	FALSE
-0,071	0,297	-0,001	0,010	0,053	FALSE
0,064	0,304	0,002	0,007	0,127	FALSE
0,018	0,287	0,001	0,009	0,025	FALSE
-0,021	0,313	-0,001	0,008	0,046	FALSE
-0,013	0,309	-0,002	0,012	0,051	FALSE
-0,020	0,299	-0,001	0,007	0,041	FALSE
0,084	0,315	0,003	0,010	0,108	FALSE
0,075	0,306	0,002	0,012	0,075	FALSE
0,043	0,297	0,001	0,008	0,023	FALSE
0,161	0,316	0,003	0,007	0,180	FALSE
0,028	0,319	0,001	0,010	0,042	FALSE
-0,065	0,313	-0,001	0,007	0,074	FALSE
-0,075	0,304	-0,002	0,007	0,090	FALSE
-0,104	0,296	-0,003	0,008	0,138	FALSE
-0,111	0,303	-0,003	0,008	0,149	FALSE
-0,060	0,302	-0,003	0,013	0,076	FALSE
-0,113	0,286	-0,003	0,008	0,153	FALSE
-0,022	0,308	-0,001	0,009	0,043	FALSE
0,035	0,316	0,000	0,007	0,019	FALSE
0,051	0,310	0,001	0,010	0,051	FALSE
0,043	0,311	0,001	0,010	0,031	FALSE
0,056	0,312	0,001	0,007	0,045	FALSE
0,145	0,299	0,005	0,009	0,205	FALSE
-0,050	0,315	-0,002	0,012	0,050	FALSE
-0,022	0,292	-0,001	0,011	0,019	FALSE
-0,083	0,289	-0,004	0,012	0,126	FALSE
0,068	0,295	0,003	0,012	0,092	FALSE
0,015	0,311	0,000	0,013	0,003	FALSE
-0,045	0,292	-0,003	0,009	0,102	FALSE
-0,090	0,299	-0,005	0,013	0,153	FALSE
0,030	0,309	0,001	0,009	0,037	FALSE
0,132	0,298	0,005	0,011	0,175	FALSE

0,045	0,312	0,001	0,008	0,043	FALSE
-0,045	0,310	-0,001	0,007	0,051	FALSE
-0,051	0,320	-0,002	0,013	0,072	FALSE
-0,010	0,310	0,000	0,009	0,002	FALSE
-0,021	0,303	0,000	0,006	0,026	FALSE
-0,095	0,306	-0,003	0,010	0,118	FALSE
-0,045	0,298	-0,001	0,007	0,051	FALSE
-0,048	0,294	-0,001	0,010	0,037	FALSE
0,081	0,317	0,003	0,009	0,117	FALSE
0,107	0,303	0,005	0,012	0,186	FALSE
0,033	0,309	0,001	0,012	0,021	FALSE
0,066	0,315	0,003	0,012	0,095	FALSE
-0,058	0,297	-0,001	0,009	0,051	FALSE
-0,175	0,297	-0,004	0,007	0,257	FALSE
0,005	0,299	-0,001	0,012	0,032	FALSE
0,042	0,286	0,000	0,008	0,013	FALSE
0,011	0,307	0,001	0,012	0,040	FALSE
-0,025	0,307	0,000	0,012	0,001	FALSE
-0,030	0,305	-0,001	0,006	0,032	FALSE
-0,004	0,323	0,000	0,008	0,016	FALSE
0,030	0,306	0,001	0,012	0,038	FALSE
0,008	0,310	0,000	0,010	0,001	FALSE
-0,049	0,316	-0,002	0,011	0,056	FALSE
-0,051	0,270	-0,001	0,012	0,041	FALSE
0,130	0,295	0,005	0,011	0,167	FALSE
-0,001	0,307	0,000	0,007	0,018	FALSE
0,106	0,298	0,003	0,009	0,116	FALSE
0,058	0,312	0,002	0,011	0,080	FALSE
0,032	0,312	0,001	0,009	0,049	FALSE
0,133	0,295	0,004	0,008	0,174	FALSE
-0,049	0,309	-0,001	0,007	0,043	FALSE
0,061	0,310	0,001	0,006	0,078	FALSE
-0,176	0,297	-0,005	0,008	0,249	FALSE
-0,068	0,299	-0,001	0,007	0,074	FALSE
-0,011	0,311	0,000	0,010	0,005	FALSE
-0,084	0,304	-0,002	0,008	0,103	FALSE
-0,065	0,309	-0,002	0,007	0,097	FALSE
0,079	0,316	0,003	0,010	0,093	FALSE
0,014	0,314	0,000	0,011	0,005	FALSE
0,002	0,294	-0,001	0,007	0,028	FALSE
0,022	0,305	0,000	0,012	0,005	FALSE
0,003	0,310	0,001	0,012	0,019	FALSE
-0,010	0,306	0,000	0,008	0,003	FALSE
-0,019	0,302	-0,001	0,006	0,065	FALSE
0,010	0,311	0,001	0,010	0,021	FALSE
0,019	0,304	0,001	0,012	0,032	FALSE
-0,043	0,314	-0,002	0,010	0,068	FALSE
0,119	0,316	0,004	0,012	0,132	FALSE
0,047	0,297	0,003	0,009	0,114	FALSE
-0,032	0,298	-0,001	0,011	0,049	FALSE
0,019	0,310	0,000	0,010	0,011	FALSE
-0,004	0,314	0,000	0,009	0,015	FALSE
0,051	0,312	0,001	0,008	0,065	FALSE

-0,025	0,300	0,000	0,008	0,001	FALSE
-0,068	0,312	-0,002	0,013	0,052	FALSE
-0,004	0,298	0,000	0,008	0,012	FALSE
0,153	0,297	0,006	0,011	0,233	FALSE
-0,126	0,300	-0,005	0,010	0,211	FALSE
-0,148	0,294	-0,006	0,010	0,250	FALSE
-0,115	0,291	-0,005	0,010	0,191	FALSE
-0,008	0,310	-0,001	0,011	0,034	FALSE
-0,021	0,291	0,000	0,009	0,014	FALSE
0,004	0,307	0,000	0,009	0,002	FALSE
-0,045	0,308	-0,002	0,008	0,078	FALSE
-0,054	0,317	-0,001	0,010	0,041	FALSE
-0,027	0,312	-0,001	0,012	0,031	FALSE
0,028	0,303	0,001	0,010	0,028	FALSE
-0,098	0,308	-0,004	0,010	0,155	FALSE
-0,090	0,299	-0,002	0,007	0,119	FALSE
0,024	0,310	0,001	0,013	0,017	FALSE
0,177	0,308	0,004	0,007	0,254	FALSE
-0,063	0,307	-0,001	0,007	0,063	FALSE
0,020	0,304	0,001	0,011	0,028	FALSE
0,022	0,301	0,000	0,006	0,012	FALSE
0,081	0,306	0,002	0,010	0,085	FALSE
-0,159	0,284	-0,004	0,008	0,223	FALSE
0,104	0,315	0,002	0,007	0,121	FALSE
-0,115	0,318	-0,004	0,013	0,129	FALSE
-0,014	0,312	-0,001	0,012	0,033	FALSE
0,048	0,306	0,002	0,011	0,088	FALSE
-0,057	0,304	-0,002	0,009	0,073	FALSE
0,080	0,308	0,003	0,010	0,101	FALSE
-0,021	0,297	-0,001	0,006	0,040	FALSE
0,076	0,306	0,002	0,010	0,084	FALSE
0,051	0,300	0,001	0,008	0,035	FALSE
-0,020	0,313	0,000	0,007	0,013	FALSE
-0,029	0,313	-0,001	0,010	0,032	FALSE
-0,007	0,305	0,001	0,007	0,029	FALSE
0,006	0,301	0,000	0,006	0,027	FALSE
-0,060	0,293	-0,001	0,007	0,078	FALSE
0,070	0,304	0,002	0,006	0,129	FALSE
0,072	0,291	0,004	0,012	0,135	FALSE
0,023	0,312	0,000	0,006	0,014	FALSE
0,036	0,318	0,001	0,007	0,056	FALSE
-0,049	0,303	-0,001	0,007	0,063	FALSE
-0,099	0,309	-0,002	0,007	0,126	FALSE
0,058	0,301	0,002	0,008	0,103	FALSE
-0,016	0,305	0,000	0,007	0,011	FALSE
0,067	0,297	0,002	0,009	0,069	FALSE
-0,168	0,308	-0,007	0,012	0,263	FALSE
-0,205	0,295	-0,007	0,010	0,337	FALSE
-0,047	0,311	-0,001	0,011	0,032	FALSE
-0,220	0,300	-0,008	0,010	0,363	FALSE
0,104	0,295	0,003	0,008	0,165	FALSE
-0,117	0,314	-0,005	0,012	0,191	FALSE
-0,174	0,300	-0,007	0,012	0,221	FALSE

0,048	0,288	0,002	0,010	0,087	FALSE
0,037	0,314	0,000	0,006	0,029	FALSE
-0,054	0,292	-0,003	0,011	0,083	FALSE
-0,078	0,315	-0,003	0,012	0,106	FALSE
0,056	0,297	0,001	0,006	0,057	FALSE
0,093	0,301	0,002	0,006	0,124	FALSE
0,105	0,304	0,003	0,009	0,130	FALSE
0,024	0,319	0,000	0,007	0,019	FALSE
-0,035	0,304	-0,001	0,007	0,041	FALSE
-0,033	0,315	0,000	0,012	0,002	FALSE
0,037	0,305	0,002	0,011	0,055	FALSE
-0,032	0,308	0,000	0,011	0,014	FALSE
-0,150	0,304	-0,005	0,010	0,208	FALSE
0,052	0,314	0,002	0,012	0,060	FALSE
0,044	0,317	0,002	0,012	0,046	FALSE
0,101	0,311	0,003	0,009	0,120	FALSE
0,035	0,302	0,000	0,007	0,016	FALSE
-0,081	0,309	-0,002	0,008	0,107	FALSE
0,021	0,304	0,001	0,007	0,063	FALSE
0,027	0,313	0,002	0,010	0,068	FALSE
0,067	0,301	0,002	0,011	0,060	FALSE
0,103	0,309	0,003	0,010	0,126	FALSE
0,010	0,313	0,001	0,008	0,024	FALSE
0,002	0,299	0,000	0,006	0,016	FALSE
0,008	0,318	0,000	0,012	0,002	FALSE
-0,034	0,307	-0,001	0,009	0,040	FALSE
0,009	0,326	0,001	0,010	0,019	FALSE
0,134	0,301	0,004	0,008	0,191	FALSE
0,170	0,294	0,004	0,007	0,248	FALSE
-0,042	0,320	-0,001	0,012	0,038	FALSE
-0,015	0,296	0,000	0,012	0,013	FALSE
-0,057	0,304	-0,002	0,008	0,082	FALSE
0,098	0,311	0,004	0,012	0,136	FALSE
-0,139	0,326	-0,004	0,010	0,161	FALSE
-0,038	0,314	-0,001	0,008	0,058	FALSE
0,042	0,304	0,001	0,008	0,025	FALSE
0,040	0,306	0,000	0,008	0,021	FALSE
0,147	0,306	0,003	0,006	0,203	FALSE
-0,059	0,301	-0,002	0,007	0,100	FALSE
-0,048	0,317	-0,003	0,012	0,084	FALSE
-0,035	0,300	0,000	0,010	0,009	FALSE
-0,083	0,319	-0,003	0,012	0,092	FALSE
0,024	0,320	0,000	0,011	0,012	FALSE
0,151	0,309	0,004	0,008	0,191	FALSE
0,088	0,298	0,003	0,010	0,099	FALSE
-0,061	0,302	-0,001	0,008	0,045	FALSE
-0,080	0,306	-0,003	0,013	0,101	FALSE
0,091	0,302	0,002	0,007	0,124	FALSE
0,161	0,293	0,005	0,008	0,251	FALSE
-0,064	0,288	-0,002	0,009	0,084	FALSE
0,131	0,301	0,005	0,009	0,212	FALSE
0,050	0,303	0,001	0,010	0,053	FALSE
0,017	0,314	0,000	0,009	0,016	FALSE

0,087	0,308	0,004	0,011	0,140	FALSE
-0,023	0,311	-0,001	0,008	0,051	FALSE
0,072	0,295	0,001	0,007	0,073	FALSE
-0,121	0,300	-0,002	0,006	0,141	FALSE
0,009	0,309	0,000	0,007	0,004	FALSE
-0,040	0,310	-0,001	0,008	0,067	FALSE
0,076	0,295	0,002	0,007	0,142	FALSE
0,150	0,298	0,004	0,008	0,207	FALSE
-0,175	0,306	-0,004	0,008	0,226	FALSE
0,038	0,295	0,001	0,008	0,050	FALSE
-0,142	0,299	-0,006	0,012	0,195	FALSE
0,102	0,308	0,003	0,010	0,124	FALSE
-0,087	0,297	-0,002	0,006	0,116	FALSE
0,110	0,298	0,004	0,010	0,173	FALSE
0,098	0,297	0,003	0,010	0,135	FALSE
-0,104	0,306	-0,002	0,007	0,108	FALSE
0,035	0,301	0,001	0,012	0,027	FALSE
-0,116	0,298	-0,002	0,007	0,141	FALSE
0,025	0,306	0,001	0,008	0,043	FALSE
-0,038	0,306	-0,001	0,009	0,021	FALSE
-0,041	0,295	-0,002	0,012	0,057	FALSE
-0,096	0,313	-0,002	0,008	0,114	FALSE
-0,040	0,316	-0,001	0,007	0,042	FALSE
-0,025	0,317	0,000	0,007	0,019	FALSE
0,011	0,312	0,001	0,010	0,019	FALSE
0,015	0,311	0,001	0,013	0,042	FALSE
-0,071	0,300	-0,001	0,006	0,087	FALSE
0,066	0,301	0,003	0,010	0,111	FALSE
-0,125	0,308	-0,003	0,010	0,103	FALSE
0,127	0,308	0,002	0,007	0,128	FALSE
0,085	0,295	0,003	0,007	0,159	FALSE
0,057	0,308	0,002	0,012	0,055	FALSE
-0,026	0,309	0,000	0,008	0,017	FALSE
0,045	0,313	0,001	0,008	0,050	FALSE
0,017	0,307	0,001	0,009	0,024	FALSE
-0,094	0,307	-0,002	0,007	0,136	FALSE
0,032	0,313	0,001	0,010	0,051	FALSE
-0,013	0,296	-0,001	0,010	0,026	FALSE
-0,013	0,309	-0,001	0,010	0,031	FALSE
-0,074	0,296	-0,002	0,010	0,087	FALSE
-0,022	0,301	0,000	0,007	0,017	FALSE
-0,096	0,308	-0,004	0,012	0,144	FALSE
0,009	0,310	0,000	0,012	0,008	FALSE
0,042	0,308	0,001	0,009	0,052	FALSE
0,050	0,306	0,001	0,007	0,026	FALSE
-0,072	0,300	-0,002	0,009	0,072	FALSE
-0,044	0,295	-0,001	0,007	0,051	FALSE
0,115	0,313	0,004	0,011	0,152	FALSE
0,054	0,318	0,002	0,010	0,059	FALSE
-0,173	0,314	-0,007	0,012	0,230	FALSE
-0,166	0,295	-0,006	0,012	0,235	FALSE
-0,167	0,292	-0,006	0,012	0,234	FALSE
-0,006	0,303	0,000	0,007	0,021	FALSE

-0,019	0,318	0,000	0,008	0,017	FALSE
0,038	0,307	0,001	0,008	0,062	FALSE
0,037	0,305	0,001	0,008	0,059	FALSE
0,045	0,311	0,001	0,012	0,037	FALSE
0,014	0,312	0,000	0,012	0,012	FALSE
0,011	0,314	0,001	0,007	0,029	FALSE
-0,049	0,304	-0,002	0,012	0,078	FALSE
0,161	0,305	0,007	0,013	0,240	FALSE
-0,022	0,310	-0,001	0,007	0,032	FALSE
-0,061	0,297	-0,003	0,011	0,091	FALSE
0,038	0,316	0,001	0,010	0,045	FALSE
0,066	0,308	0,002	0,007	0,102	FALSE
0,001	0,312	0,000	0,012	0,004	FALSE
-0,024	0,310	-0,001	0,008	0,026	FALSE
0,080	0,306	0,002	0,009	0,094	FALSE
-0,048	0,310	-0,001	0,009	0,050	FALSE
0,012	0,300	0,000	0,012	0,000	FALSE
-0,053	0,318	-0,001	0,007	0,061	FALSE
-0,008	0,305	0,000	0,007	0,014	FALSE
0,054	0,290	0,001	0,010	0,047	FALSE
0,026	0,307	0,001	0,010	0,018	FALSE
-0,113	0,286	-0,005	0,011	0,165	FALSE
0,057	0,317	0,001	0,007	0,064	FALSE
-0,098	0,298	-0,002	0,007	0,088	FALSE
0,095	0,296	0,003	0,009	0,123	FALSE
-0,026	0,302	-0,001	0,008	0,060	FALSE
-0,097	0,308	-0,004	0,011	0,157	FALSE
0,024	0,329	0,001	0,006	0,044	FALSE
0,143	0,294	0,002	0,007	0,138	FALSE
0,047	0,302	0,001	0,011	0,023	FALSE
-0,106	0,312	-0,003	0,008	0,128	FALSE
-0,070	0,304	-0,001	0,007	0,086	FALSE
0,024	0,314	0,000	0,007	0,018	FALSE
-0,039	0,309	-0,001	0,009	0,026	FALSE
-0,030	0,308	0,000	0,009	0,014	FALSE
-0,044	0,311	-0,002	0,012	0,053	FALSE
0,005	0,297	0,000	0,008	0,013	FALSE
-0,017	0,295	-0,001	0,007	0,067	FALSE
0,081	0,299	0,003	0,008	0,150	FALSE
-0,053	0,309	-0,002	0,010	0,079	FALSE
-0,104	0,294	-0,003	0,008	0,133	FALSE
-0,085	0,322	-0,004	0,011	0,120	FALSE
0,012	0,303	0,000	0,007	0,009	FALSE
0,049	0,306	0,001	0,007	0,070	FALSE
0,169	0,308	0,003	0,006	0,231	FALSE
0,170	0,307	0,006	0,011	0,224	FALSE
0,112	0,303	0,004	0,012	0,129	FALSE
0,111	0,308	0,004	0,012	0,138	FALSE
-0,044	0,328	-0,001	0,007	0,073	FALSE
-0,067	0,289	-0,001	0,006	0,076	FALSE
-0,015	0,321	-0,001	0,013	0,022	FALSE
-0,027	0,306	-0,001	0,011	0,042	FALSE
0,019	0,304	0,001	0,007	0,031	FALSE

0,054	0,312	0,002	0,008	0,085	FALSE
0,003	0,297	0,000	0,010	0,002	FALSE
0,044	0,313	0,001	0,011	0,043	FALSE
-0,119	0,301	-0,003	0,008	0,177	FALSE
-0,143	0,298	-0,006	0,012	0,205	FALSE
-0,157	0,291	-0,005	0,009	0,218	FALSE
-0,117	0,295	-0,004	0,012	0,153	FALSE
0,068	0,309	0,002	0,007	0,108	FALSE
0,071	0,300	0,002	0,007	0,087	FALSE
0,048	0,301	0,001	0,006	0,089	FALSE
0,010	0,313	0,001	0,007	0,029	FALSE
-0,039	0,308	-0,002	0,012	0,057	FALSE
0,081	0,302	0,003	0,010	0,098	FALSE
-0,091	0,312	-0,004	0,013	0,119	FALSE
0,014	0,303	0,000	0,012	0,012	FALSE
0,120	0,283	0,002	0,007	0,136	FALSE
-0,047	0,293	-0,001	0,007	0,064	FALSE
-0,061	0,308	-0,002	0,007	0,103	FALSE
0,097	0,308	0,004	0,012	0,141	FALSE
0,085	0,292	0,002	0,010	0,091	FALSE
-0,069	0,321	-0,003	0,013	0,085	FALSE
0,109	0,303	0,004	0,010	0,144	FALSE
0,133	0,284	0,003	0,007	0,169	FALSE
0,058	0,300	0,002	0,008	0,082	FALSE
-0,035	0,312	-0,001	0,012	0,043	FALSE
0,023	0,300	0,000	0,006	0,025	FALSE
-0,001	0,318	0,000	0,010	0,003	FALSE
-0,140	0,298	-0,004	0,009	0,211	FALSE
-0,026	0,314	-0,001	0,011	0,028	FALSE
-0,001	0,301	-0,001	0,012	0,018	FALSE
-0,066	0,304	-0,002	0,008	0,084	FALSE
0,055	0,294	0,002	0,007	0,098	FALSE
0,033	0,318	0,001	0,007	0,029	FALSE
-0,132	0,298	-0,005	0,010	0,200	FALSE
0,002	0,309	0,000	0,007	0,022	FALSE
-0,051	0,305	-0,001	0,009	0,054	FALSE
0,104	0,302	0,004	0,011	0,155	FALSE
0,066	0,302	0,002	0,006	0,104	FALSE
-0,050	0,291	-0,001	0,010	0,049	FALSE
0,073	0,304	0,002	0,010	0,077	FALSE
0,072	0,297	0,002	0,009	0,105	FALSE
-0,094	0,306	-0,004	0,010	0,144	FALSE
0,033	0,313	0,002	0,012	0,057	FALSE
0,151	0,302	0,005	0,010	0,216	FALSE
-0,041	0,318	-0,001	0,011	0,023	FALSE
0,106	0,305	0,004	0,012	0,139	FALSE
-0,067	0,312	-0,002	0,011	0,083	FALSE
-0,052	0,329	-0,002	0,013	0,049	FALSE
-0,021	0,328	0,000	0,009	0,018	FALSE
-0,008	0,301	0,000	0,011	0,003	FALSE
-0,150	0,306	-0,006	0,011	0,227	FALSE
0,027	0,304	0,001	0,010	0,032	FALSE
-0,028	0,311	-0,001	0,007	0,063	FALSE

0,069	0,304	0,003	0,012	0,095	FALSE
-0,118	0,306	-0,003	0,007	0,148	FALSE
-0,027	0,298	-0,001	0,007	0,057	FALSE
0,069	0,308	0,003	0,013	0,089	FALSE
-0,056	0,314	-0,002	0,009	0,061	FALSE
0,053	0,319	0,001	0,007	0,040	FALSE
0,016	0,309	0,000	0,008	0,012	FALSE
-0,094	0,320	-0,003	0,008	0,154	FALSE
-0,100	0,312	-0,003	0,007	0,157	FALSE
-0,125	0,305	-0,004	0,007	0,224	FALSE
0,066	0,305	0,002	0,011	0,064	FALSE
-0,021	0,317	0,000	0,008	0,021	FALSE
-0,036	0,309	-0,002	0,012	0,045	FALSE
-0,071	0,307	-0,002	0,007	0,106	FALSE
0,037	0,310	0,002	0,010	0,074	FALSE
-0,054	0,318	-0,001	0,007	0,062	FALSE
-0,013	0,307	0,000	0,008	0,014	FALSE
-0,051	0,317	-0,002	0,011	0,060	FALSE
-0,111	0,302	-0,002	0,007	0,120	FALSE
-0,008	0,309	0,000	0,006	0,004	FALSE
-0,017	0,305	0,000	0,007	0,021	FALSE
-0,105	0,302	-0,003	0,007	0,157	FALSE
-0,106	0,306	-0,003	0,009	0,131	FALSE
-0,047	0,313	-0,001	0,009	0,056	FALSE
0,001	0,319	0,000	0,009	0,016	FALSE
0,073	0,295	0,003	0,012	0,111	FALSE
-0,021	0,300	-0,001	0,011	0,045	FALSE
-0,027	0,304	-0,001	0,008	0,042	FALSE
0,020	0,309	0,000	0,008	0,017	FALSE
-0,018	0,309	-0,001	0,012	0,018	FALSE
0,004	0,301	0,000	0,007	0,001	FALSE
-0,104	0,302	-0,002	0,007	0,148	FALSE
-0,058	0,300	-0,002	0,006	0,104	FALSE
-0,057	0,310	-0,002	0,008	0,078	FALSE
0,140	0,313	0,006	0,012	0,200	FALSE
-0,022	0,315	-0,001	0,012	0,016	FALSE
0,049	0,300	0,002	0,007	0,127	FALSE
0,111	0,300	0,004	0,011	0,159	FALSE
0,140	0,299	0,006	0,012	0,208	FALSE
0,134	0,313	0,002	0,007	0,129	FALSE
0,036	0,314	0,001	0,008	0,051	FALSE
-0,022	0,301	-0,002	0,011	0,051	FALSE
0,193	0,306	0,007	0,010	0,313	FALSE
-0,190	0,289	-0,005	0,008	0,246	FALSE
0,006	0,302	0,000	0,008	0,005	FALSE
0,041	0,295	0,001	0,009	0,048	FALSE
-0,026	0,313	-0,002	0,010	0,078	FALSE
-0,049	0,316	-0,001	0,008	0,031	FALSE
-0,032	0,317	-0,001	0,009	0,026	FALSE
-0,038	0,315	-0,001	0,007	0,061	FALSE
0,087	0,305	0,002	0,007	0,091	FALSE
-0,052	0,324	-0,002	0,013	0,066	FALSE
-0,089	0,312	-0,002	0,007	0,097	FALSE

0,042	0,296	0,001	0,010	0,051	FALSE
-0,132	0,311	-0,005	0,012	0,164	FALSE
0,001	0,315	0,000	0,008	0,015	FALSE
0,026	0,305	0,000	0,007	0,024	FALSE
0,045	0,314	0,001	0,007	0,048	FALSE
0,091	0,296	0,002	0,006	0,157	FALSE
0,001	0,288	0,000	0,007	0,005	FALSE
0,044	0,295	0,000	0,006	0,007	FALSE
0,052	0,301	0,001	0,008	0,046	FALSE
-0,077	0,301	-0,003	0,011	0,107	FALSE
-0,050	0,294	-0,003	0,012	0,099	FALSE
0,062	0,303	0,002	0,010	0,097	FALSE
-0,031	0,313	-0,002	0,011	0,063	FALSE
0,020	0,303	0,001	0,011	0,031	FALSE
-0,029	0,306	-0,001	0,008	0,059	FALSE
0,079	0,304	0,002	0,007	0,123	FALSE
-0,111	0,291	-0,003	0,008	0,129	FALSE
-0,025	0,312	-0,001	0,008	0,045	FALSE
-0,062	0,291	-0,001	0,007	0,073	FALSE
0,105	0,314	0,005	0,013	0,151	FALSE
-0,163	0,297	-0,004	0,007	0,234	FALSE
-0,031	0,309	-0,001	0,007	0,044	FALSE
-0,022	0,308	-0,001	0,011	0,032	FALSE
-0,102	0,296	-0,003	0,008	0,118	FALSE
0,149	0,297	0,006	0,012	0,202	FALSE
-0,020	0,301	-0,001	0,011	0,023	FALSE
-0,002	0,310	-0,001	0,010	0,018	FALSE
0,005	0,311	0,000	0,013	0,006	FALSE
-0,065	0,322	-0,002	0,008	0,110	FALSE
-0,011	0,304	-0,001	0,011	0,039	FALSE
0,155	0,294	0,006	0,010	0,258	FALSE
-0,001	0,306	0,000	0,008	0,006	FALSE
0,099	0,292	0,004	0,012	0,151	FALSE
-0,100	0,305	-0,005	0,013	0,143	FALSE
0,087	0,305	0,005	0,013	0,151	FALSE
0,057	0,300	0,002	0,009	0,064	FALSE
0,075	0,317	0,002	0,010	0,069	FALSE
0,026	0,300	0,002	0,012	0,062	FALSE
-0,025	0,300	-0,002	0,010	0,066	FALSE
-0,103	0,313	-0,004	0,012	0,122	FALSE
-0,029	0,310	-0,001	0,007	0,035	FALSE
0,080	0,303	0,002	0,008	0,099	FALSE
0,106	0,297	0,002	0,007	0,142	FALSE
0,001	0,290	0,001	0,011	0,020	FALSE
0,012	0,300	0,001	0,009	0,034	FALSE
-0,094	0,306	-0,003	0,011	0,115	FALSE
-0,051	0,298	-0,002	0,009	0,060	FALSE
0,043	0,306	0,002	0,010	0,054	FALSE
0,017	0,299	0,000	0,007	0,007	FALSE
0,035	0,305	0,001	0,008	0,042	FALSE
0,146	0,298	0,003	0,006	0,204	FALSE
0,086	0,308	0,004	0,011	0,126	FALSE
-0,038	0,293	-0,001	0,009	0,057	FALSE

0,123	0,296	0,004	0,009	0,177	FALSE
0,037	0,299	0,002	0,011	0,051	FALSE
-0,133	0,314	-0,003	0,010	0,135	FALSE
-0,016	0,306	0,000	0,008	0,002	FALSE
-0,142	0,291	-0,003	0,007	0,196	FALSE
0,151	0,310	0,006	0,013	0,189	FALSE
0,008	0,298	0,001	0,008	0,025	FALSE
-0,032	0,314	0,000	0,006	0,025	FALSE
0,007	0,304	0,000	0,012	0,003	FALSE
0,052	0,314	0,001	0,007	0,047	FALSE
-0,086	0,310	-0,002	0,009	0,089	FALSE
0,014	0,297	0,001	0,009	0,028	FALSE
-0,066	0,311	-0,001	0,007	0,073	FALSE
0,022	0,287	0,000	0,008	0,001	FALSE
-0,042	0,307	-0,002	0,011	0,061	FALSE
0,038	0,289	0,001	0,007	0,028	FALSE
0,046	0,301	0,001	0,006	0,042	FALSE
-0,123	0,314	-0,004	0,009	0,163	FALSE
0,050	0,314	0,001	0,007	0,047	FALSE
-0,016	0,298	-0,001	0,007	0,039	FALSE
-0,086	0,299	-0,003	0,011	0,122	FALSE
0,062	0,313	0,003	0,011	0,094	FALSE
0,139	0,311	0,004	0,010	0,174	FALSE
0,057	0,317	0,002	0,013	0,047	FALSE
-0,100	0,310	-0,003	0,010	0,106	FALSE
-0,051	0,291	-0,002	0,011	0,075	FALSE
-0,094	0,300	-0,003	0,013	0,106	FALSE
0,065	0,303	0,002	0,013	0,064	FALSE
0,063	0,301	0,002	0,013	0,059	FALSE
0,112	0,323	0,003	0,008	0,137	FALSE
0,030	0,309	0,001	0,009	0,028	FALSE
-0,073	0,309	-0,002	0,010	0,080	FALSE
-0,092	0,325	-0,004	0,011	0,129	FALSE
0,138	0,304	0,005	0,010	0,201	FALSE
0,156	0,293	0,007	0,011	0,252	FALSE
-0,099	0,311	-0,004	0,009	0,163	FALSE
0,013	0,305	0,001	0,012	0,021	FALSE
-0,124	0,305	-0,004	0,009	0,200	FALSE
0,128	0,309	0,003	0,007	0,205	FALSE
-0,005	0,306	0,000	0,007	0,022	FALSE
-0,042	0,307	-0,002	0,010	0,059	FALSE
0,020	0,317	0,000	0,009	0,003	FALSE
-0,064	0,306	-0,002	0,012	0,061	FALSE
0,129	0,301	0,003	0,007	0,204	FALSE
-0,095	0,310	-0,004	0,013	0,125	FALSE
0,114	0,309	0,003	0,008	0,137	FALSE
0,119	0,297	0,005	0,013	0,170	FALSE
-0,163	0,299	-0,006	0,011	0,239	FALSE
-0,084	0,297	-0,002	0,007	0,114	FALSE
0,012	0,307	0,001	0,011	0,028	FALSE
0,130	0,307	0,002	0,006	0,121	FALSE
0,010	0,315	0,000	0,011	0,002	FALSE
0,058	0,302	0,002	0,011	0,072	FALSE

0,164	0,305	0,004	0,008	0,190	FALSE
0,030	0,304	0,001	0,008	0,040	FALSE
0,088	0,302	0,002	0,007	0,113	FALSE
-0,102	0,286	-0,003	0,011	0,116	FALSE
0,016	0,314	0,000	0,012	0,012	FALSE
0,079	0,296	0,002	0,010	0,061	FALSE
0,147	0,297	0,004	0,008	0,203	FALSE
0,127	0,302	0,003	0,009	0,120	FALSE
0,106	0,282	0,004	0,011	0,155	FALSE
-0,107	0,313	-0,004	0,009	0,154	FALSE
-0,030	0,313	-0,001	0,008	0,050	FALSE
-0,037	0,293	-0,001	0,008	0,057	FALSE
-0,033	0,318	-0,002	0,012	0,070	FALSE
-0,039	0,306	-0,002	0,011	0,075	FALSE
-0,087	0,299	-0,002	0,006	0,121	FALSE
0,058	0,317	0,002	0,012	0,057	FALSE
0,044	0,321	0,002	0,012	0,066	FALSE
-0,045	0,312	-0,002	0,012	0,068	FALSE
-0,034	0,312	-0,001	0,006	0,032	FALSE
-0,058	0,302	-0,001	0,006	0,058	FALSE
-0,044	0,315	-0,001	0,010	0,045	FALSE
-0,024	0,309	0,000	0,006	0,003	FALSE
-0,017	0,303	0,000	0,007	0,008	FALSE
-0,047	0,303	-0,002	0,013	0,049	FALSE
0,025	0,311	0,002	0,010	0,064	FALSE
-0,032	0,303	0,000	0,013	0,008	FALSE
-0,087	0,307	-0,002	0,008	0,099	FALSE
-0,084	0,317	-0,002	0,008	0,090	FALSE
-0,202	0,310	-0,007	0,011	0,292	FALSE
-0,135	0,307	-0,005	0,012	0,188	FALSE
0,029	0,305	0,001	0,010	0,037	FALSE
-0,004	0,321	0,000	0,010	0,007	FALSE
0,066	0,303	0,003	0,008	0,129	FALSE
0,014	0,314	0,000	0,007	0,001	FALSE
0,010	0,314	0,000	0,007	0,000	FALSE
0,090	0,295	0,003	0,010	0,136	FALSE
0,004	0,316	0,001	0,012	0,015	FALSE
0,067	0,310	0,002	0,007	0,100	FALSE
-0,071	0,307	-0,002	0,007	0,077	FALSE
0,079	0,291	0,002	0,007	0,097	FALSE
0,026	0,317	0,000	0,013	0,011	FALSE
0,067	0,304	0,002	0,011	0,066	FALSE
-0,103	0,307	-0,003	0,007	0,151	FALSE
-0,080	0,314	-0,002	0,011	0,087	FALSE
-0,140	0,314	-0,003	0,007	0,196	FALSE
-0,140	0,298	-0,007	0,013	0,231	FALSE
0,090	0,317	0,004	0,013	0,136	FALSE
0,084	0,304	0,004	0,013	0,126	FALSE
-0,035	0,309	-0,002	0,013	0,064	FALSE
0,070	0,312	0,003	0,012	0,099	FALSE
-0,002	0,300	0,000	0,008	0,005	FALSE
0,080	0,313	0,002	0,011	0,074	FALSE
-0,095	0,296	-0,002	0,007	0,131	FALSE

0,054	0,303	0,002	0,007	0,077	FALSE
-0,103	0,312	-0,002	0,008	0,122	FALSE
-0,104	0,319	-0,003	0,009	0,136	FALSE
0,194	0,299	0,008	0,012	0,305	FALSE
-0,009	0,309	-0,001	0,006	0,033	FALSE
-0,072	0,313	-0,002	0,009	0,111	FALSE
0,064	0,317	0,003	0,011	0,097	FALSE
-0,128	0,305	-0,006	0,012	0,205	FALSE
-0,051	0,315	-0,002	0,009	0,071	FALSE
-0,069	0,302	-0,002	0,007	0,098	FALSE
-0,135	0,283	-0,005	0,009	0,214	FALSE
-0,104	0,294	-0,005	0,012	0,148	FALSE
0,082	0,306	0,002	0,009	0,084	FALSE
-0,076	0,299	-0,002	0,009	0,084	FALSE
-0,111	0,307	-0,003	0,009	0,141	FALSE
-0,006	0,314	0,000	0,008	0,019	FALSE
0,063	0,310	0,002	0,009	0,101	FALSE
0,030	0,307	0,000	0,010	0,015	FALSE
-0,010	0,312	0,000	0,007	0,004	FALSE
-0,033	0,303	-0,002	0,013	0,052	FALSE
0,008	0,305	0,000	0,012	0,010	FALSE
-0,097	0,307	-0,002	0,007	0,123	FALSE
0,000	0,293	0,001	0,013	0,026	FALSE
0,095	0,293	0,003	0,009	0,163	FALSE
-0,150	0,291	-0,003	0,006	0,204	FALSE
0,072	0,320	0,001	0,007	0,062	FALSE
-0,082	0,303	-0,002	0,006	0,125	FALSE
0,015	0,307	0,000	0,007	0,006	FALSE
0,012	0,312	0,000	0,009	0,009	FALSE
-0,056	0,285	-0,001	0,008	0,062	FALSE
0,205	0,302	0,006	0,008	0,339	FALSE
0,133	0,293	0,005	0,012	0,197	FALSE
-0,030	0,307	-0,001	0,008	0,058	FALSE
0,163	0,285	0,004	0,007	0,251	FALSE
-0,069	0,307	-0,003	0,012	0,085	FALSE
-0,138	0,306	-0,003	0,009	0,152	FALSE
0,074	0,311	0,003	0,012	0,089	FALSE
0,166	0,306	0,004	0,007	0,265	FALSE
0,069	0,310	0,002	0,010	0,092	FALSE
0,031	0,308	0,001	0,007	0,059	FALSE
-0,052	0,303	-0,002	0,010	0,067	FALSE
0,005	0,310	0,000	0,010	0,002	FALSE
0,180	0,302	0,004	0,006	0,280	FALSE
-0,074	0,303	-0,001	0,008	0,065	FALSE
0,014	0,313	0,001	0,012	0,028	FALSE
-0,108	0,300	-0,003	0,008	0,147	FALSE
0,056	0,325	0,002	0,012	0,049	FALSE
0,001	0,309	0,000	0,007	0,006	FALSE
-0,035	0,285	-0,001	0,006	0,037	FALSE
0,056	0,315	0,001	0,007	0,047	FALSE
0,105	0,294	0,004	0,012	0,112	FALSE
-0,011	0,302	0,000	0,010	0,010	FALSE
-0,043	0,308	-0,001	0,013	0,021	FALSE

-0,101	0,307	-0,003	0,008	0,132	FALSE
-0,105	0,298	-0,002	0,007	0,141	FALSE
-0,004	0,324	0,000	0,009	0,007	FALSE
-0,075	0,299	-0,003	0,010	0,095	FALSE
-0,010	0,304	0,000	0,010	0,010	FALSE
0,014	0,309	0,000	0,007	0,024	FALSE
0,016	0,312	0,000	0,007	0,005	FALSE
0,086	0,304	0,004	0,012	0,130	FALSE
0,082	0,305	0,003	0,011	0,101	FALSE
-0,042	0,304	-0,001	0,009	0,056	FALSE
0,039	0,304	0,001	0,008	0,041	FALSE
-0,003	0,301	0,000	0,006	0,016	FALSE
-0,102	0,303	-0,004	0,010	0,158	FALSE
-0,071	0,306	-0,002	0,008	0,092	FALSE
-0,043	0,321	-0,002	0,011	0,069	FALSE
0,022	0,285	0,001	0,008	0,033	FALSE
0,033	0,304	0,001	0,008	0,049	FALSE
0,064	0,312	0,002	0,008	0,074	FALSE
-0,021	0,308	-0,001	0,012	0,040	FALSE
-0,019	0,294	0,000	0,007	0,003	FALSE
0,123	0,305	0,006	0,013	0,186	FALSE
0,028	0,313	0,001	0,009	0,029	FALSE
-0,094	0,303	-0,002	0,009	0,097	FALSE
-0,041	0,306	-0,003	0,012	0,083	FALSE
-0,072	0,311	-0,002	0,009	0,083	FALSE
0,015	0,315	-0,001	0,013	0,028	FALSE
0,079	0,308	0,002	0,012	0,053	FALSE
0,038	0,303	0,000	0,011	0,004	FALSE
-0,021	0,309	0,000	0,009	0,014	FALSE
0,079	0,309	0,001	0,007	0,062	FALSE
-0,020	0,300	-0,002	0,013	0,060	FALSE
-0,116	0,302	-0,003	0,009	0,105	FALSE
0,127	0,294	0,005	0,010	0,202	FALSE
0,039	0,310	0,000	0,012	0,000	FALSE
-0,039	0,307	-0,001	0,008	0,038	FALSE
-0,058	0,312	-0,001	0,007	0,076	FALSE
-0,135	0,308	-0,004	0,010	0,158	FALSE
0,051	0,310	0,002	0,007	0,084	FALSE
0,074	0,327	0,002	0,007	0,099	FALSE
0,073	0,308	0,002	0,007	0,106	FALSE
-0,094	0,301	-0,003	0,011	0,120	FALSE
-0,008	0,304	0,000	0,007	0,016	FALSE
-0,058	0,304	-0,001	0,009	0,061	FALSE
-0,041	0,295	-0,001	0,010	0,041	FALSE
0,165	0,303	0,005	0,009	0,236	FALSE
-0,037	0,309	0,000	0,007	0,025	FALSE
0,042	0,323	0,002	0,010	0,067	FALSE
0,003	0,303	0,000	0,008	0,014	FALSE
-0,033	0,316	-0,001	0,012	0,037	FALSE
-0,030	0,318	-0,001	0,010	0,023	FALSE
-0,036	0,303	-0,001	0,007	0,057	FALSE
0,033	0,312	0,001	0,010	0,047	FALSE
-0,029	0,294	-0,001	0,007	0,049	FALSE

-0,123	0,288	-0,003	0,007	0,169	FALSE
0,029	0,300	0,001	0,009	0,035	FALSE
-0,034	0,304	-0,001	0,007	0,038	FALSE
0,094	0,302	0,002	0,008	0,119	FALSE
-0,067	0,315	-0,001	0,007	0,071	FALSE
-0,062	0,312	-0,001	0,006	0,069	FALSE
0,069	0,308	0,002	0,008	0,079	FALSE
-0,007	0,303	0,000	0,009	0,006	FALSE
-0,039	0,317	-0,001	0,008	0,033	FALSE
0,079	0,305	0,002	0,010	0,093	FALSE
0,088	0,290	0,003	0,007	0,166	FALSE
0,003	0,307	0,001	0,010	0,038	FALSE
0,073	0,296	0,002	0,007	0,096	FALSE
-0,032	0,304	-0,002	0,012	0,051	FALSE
-0,033	0,309	-0,001	0,007	0,045	FALSE
-0,037	0,297	-0,001	0,007	0,072	FALSE
-0,052	0,312	-0,002	0,013	0,067	FALSE
0,043	0,320	0,001	0,011	0,049	FALSE
0,079	0,322	0,002	0,008	0,121	FALSE
0,072	0,319	0,002	0,009	0,082	FALSE
-0,083	0,306	-0,003	0,007	0,139	FALSE
0,006	0,325	0,000	0,010	0,005	FALSE
-0,029	0,306	-0,001	0,008	0,059	FALSE
-0,055	0,308	-0,002	0,010	0,070	FALSE
0,013	0,301	0,000	0,007	0,023	FALSE
0,017	0,314	0,000	0,010	0,007	FALSE
-0,042	0,318	-0,001	0,009	0,058	FALSE
-0,134	0,311	-0,006	0,013	0,211	FALSE
0,223	0,288	0,006	0,007	0,350	FALSE
-0,153	0,295	-0,004	0,007	0,211	FALSE
-0,159	0,296	-0,005	0,010	0,201	FALSE
0,069	0,319	0,001	0,008	0,068	FALSE
0,073	0,299	0,002	0,008	0,097	FALSE
0,024	0,314	0,000	0,013	0,011	FALSE
-0,092	0,315	-0,002	0,007	0,098	FALSE
0,048	0,291	0,002	0,012	0,058	FALSE
0,118	0,301	0,003	0,007	0,196	FALSE
0,065	0,305	0,001	0,007	0,058	FALSE
-0,078	0,311	-0,002	0,009	0,066	FALSE
-0,025	0,306	-0,001	0,010	0,050	FALSE
0,028	0,311	0,001	0,011	0,028	FALSE
0,055	0,305	0,001	0,007	0,067	FALSE
-0,018	0,304	-0,001	0,010	0,033	FALSE
-0,013	0,309	0,000	0,013	0,001	FALSE
0,002	0,308	0,000	0,006	0,005	FALSE
0,003	0,305	-0,001	0,010	0,033	FALSE
-0,152	0,271	-0,003	0,006	0,185	FALSE
0,090	0,303	0,003	0,011	0,092	FALSE
-0,076	0,315	-0,003	0,012	0,105	FALSE
-0,083	0,298	-0,002	0,008	0,095	FALSE
0,005	0,313	0,001	0,012	0,028	FALSE
0,030	0,300	0,001	0,006	0,034	FALSE
-0,018	0,324	0,000	0,008	0,007	FALSE

-0,022	0,317	-0,001	0,013	0,017	FALSE
0,120	0,320	0,003	0,009	0,125	FALSE
0,069	0,298	0,002	0,006	0,106	FALSE
0,121	0,309	0,004	0,009	0,177	FALSE
-0,054	0,315	-0,001	0,008	0,071	FALSE
-0,138	0,308	-0,003	0,008	0,185	FALSE
0,018	0,300	0,000	0,008	0,019	FALSE
0,034	0,298	0,001	0,007	0,041	FALSE
-0,062	0,305	-0,001	0,009	0,053	FALSE
-0,083	0,308	-0,003	0,011	0,108	FALSE
-0,011	0,309	-0,001	0,007	0,033	FALSE
-0,042	0,296	-0,001	0,010	0,042	FALSE
-0,044	0,313	-0,002	0,009	0,078	FALSE
-0,039	0,295	-0,001	0,007	0,032	FALSE
-0,161	0,306	-0,006	0,013	0,204	FALSE
-0,173	0,306	-0,005	0,010	0,220	FALSE
0,109	0,309	0,002	0,006	0,138	FALSE
0,056	0,315	0,002	0,013	0,046	FALSE
0,114	0,310	0,003	0,009	0,156	FALSE
-0,094	0,308	-0,004	0,012	0,120	FALSE
-0,031	0,307	-0,001	0,008	0,056	FALSE
-0,003	0,311	-0,001	0,008	0,037	FALSE
-0,011	0,304	0,000	0,009	0,020	FALSE
0,018	0,307	0,001	0,012	0,018	FALSE
0,019	0,311	0,000	0,008	0,013	FALSE
-0,007	0,320	0,000	0,013	0,010	FALSE
0,006	0,314	0,000	0,013	0,000	FALSE
0,018	0,303	0,000	0,009	0,005	FALSE
-0,069	0,292	-0,003	0,012	0,108	FALSE
-0,122	0,310	-0,003	0,007	0,157	FALSE
-0,030	0,311	-0,001	0,007	0,038	FALSE
-0,019	0,317	-0,001	0,012	0,026	FALSE
0,128	0,301	0,006	0,013	0,183	FALSE
-0,061	0,289	-0,002	0,011	0,060	FALSE
-0,120	0,305	-0,005	0,011	0,177	FALSE
-0,077	0,320	-0,003	0,010	0,104	FALSE
-0,072	0,296	-0,002	0,007	0,094	FALSE
0,064	0,290	0,002	0,007	0,094	FALSE
-0,011	0,319	0,000	0,007	0,023	FALSE
0,071	0,307	0,002	0,008	0,093	FALSE
-0,022	0,317	-0,001	0,006	0,049	FALSE
0,075	0,320	0,003	0,011	0,097	FALSE
-0,113	0,314	-0,002	0,007	0,118	FALSE
0,014	0,313	0,001	0,006	0,049	FALSE
0,059	0,307	0,002	0,009	0,085	FALSE
-0,071	0,300	-0,001	0,007	0,062	FALSE
-0,035	0,321	-0,001	0,007	0,029	FALSE
0,031	0,309	0,001	0,006	0,030	FALSE
0,068	0,315	0,001	0,007	0,077	FALSE
0,024	0,308	0,002	0,011	0,065	FALSE
0,041	0,309	0,001	0,011	0,020	FALSE
-0,049	0,320	-0,003	0,011	0,084	FALSE
-0,043	0,317	-0,001	0,009	0,047	FALSE

0,029	0,306	0,001	0,006	0,034	FALSE
-0,226	0,299	-0,006	0,009	0,327	TRUE
-0,177	0,299	-0,005	0,008	0,245	FALSE
0,025	0,294	0,000	0,007	0,004	FALSE
0,010	0,309	0,000	0,013	0,007	FALSE
-0,082	0,291	-0,002	0,007	0,115	FALSE
0,118	0,319	0,004	0,013	0,137	FALSE
-0,087	0,300	-0,004	0,012	0,122	FALSE
0,015	0,319	0,000	0,007	0,025	FALSE
0,006	0,298	0,000	0,011	0,005	FALSE
0,059	0,294	0,002	0,011	0,055	FALSE
0,037	0,327	0,001	0,008	0,046	FALSE
0,066	0,299	0,004	0,009	0,165	FALSE
-0,129	0,324	-0,003	0,007	0,149	FALSE
-0,093	0,311	-0,003	0,009	0,129	FALSE
-0,031	0,323	-0,001	0,007	0,026	FALSE
0,030	0,307	0,001	0,012	0,041	FALSE
-0,154	0,298	-0,005	0,011	0,205	FALSE
-0,128	0,306	-0,004	0,010	0,147	FALSE
0,044	0,298	0,000	0,006	0,028	FALSE
-0,076	0,303	-0,003	0,009	0,112	FALSE
-0,171	0,310	-0,004	0,009	0,212	FALSE
0,088	0,297	0,002	0,006	0,103	FALSE
0,012	0,308	0,000	0,006	0,023	FALSE
0,139	0,297	0,006	0,012	0,230	FALSE
-0,052	0,315	-0,003	0,013	0,073	FALSE
0,111	0,303	0,003	0,008	0,167	FALSE
0,017	0,308	0,001	0,012	0,016	FALSE
0,016	0,312	0,000	0,012	0,014	FALSE
0,022	0,317	0,001	0,013	0,026	FALSE
0,085	0,306	0,003	0,011	0,101	FALSE
0,062	0,312	0,001	0,008	0,061	FALSE
-0,078	0,308	-0,002	0,009	0,078	FALSE
-0,048	0,289	-0,001	0,012	0,038	FALSE
0,012	0,308	0,001	0,008	0,022	FALSE
-0,003	0,310	0,000	0,007	0,009	FALSE
0,087	0,299	0,003	0,012	0,111	FALSE
-0,097	0,302	-0,003	0,009	0,147	FALSE
0,094	0,301	0,002	0,007	0,120	FALSE
0,129	0,294	0,005	0,012	0,164	FALSE
-0,049	0,299	-0,001	0,006	0,047	FALSE
-0,034	0,304	0,000	0,006	0,016	FALSE
0,003	0,296	0,000	0,012	0,008	FALSE
0,016	0,286	0,002	0,011	0,064	FALSE
0,025	0,310	0,000	0,008	0,017	FALSE
-0,015	0,304	0,000	0,012	0,014	FALSE
-0,010	0,306	0,000	0,009	0,015	FALSE
-0,049	0,298	-0,001	0,009	0,027	FALSE
0,057	0,311	0,001	0,010	0,026	FALSE
-0,066	0,302	-0,001	0,007	0,056	FALSE
0,097	0,305	0,003	0,008	0,128	FALSE
-0,014	0,325	0,000	0,011	0,013	FALSE
-0,049	0,303	-0,002	0,009	0,069	FALSE

-0,057	0,313	-0,003	0,011	0,111	FALSE
0,017	0,326	0,001	0,008	0,039	FALSE
-0,104	0,306	-0,003	0,007	0,148	FALSE
-0,092	0,314	-0,003	0,008	0,141	FALSE
-0,083	0,315	-0,003	0,010	0,095	FALSE
-0,133	0,312	-0,003	0,008	0,168	FALSE
-0,034	0,302	-0,001	0,009	0,049	FALSE
-0,111	0,305	-0,002	0,006	0,099	FALSE
-0,070	0,304	-0,002	0,007	0,094	FALSE
0,076	0,305	0,002	0,007	0,115	FALSE
0,008	0,302	-0,001	0,011	0,016	FALSE
0,046	0,301	0,001	0,011	0,029	FALSE
-0,099	0,300	-0,003	0,009	0,137	FALSE
-0,118	0,314	-0,004	0,012	0,143	FALSE
0,050	0,310	0,001	0,007	0,031	FALSE
-0,115	0,308	-0,005	0,012	0,174	FALSE
-0,023	0,315	-0,001	0,008	0,026	FALSE
0,008	0,308	0,001	0,010	0,026	FALSE
-0,107	0,305	-0,002	0,006	0,131	FALSE
-0,108	0,296	-0,002	0,008	0,111	FALSE
0,101	0,286	0,003	0,006	0,183	FALSE
-0,017	0,308	-0,001	0,007	0,040	FALSE
-0,022	0,314	-0,001	0,007	0,044	FALSE
0,071	0,300	0,002	0,008	0,110	FALSE
0,077	0,306	0,003	0,008	0,118	FALSE
0,048	0,317	0,002	0,008	0,066	FALSE
0,026	0,295	0,001	0,006	0,046	FALSE
-0,155	0,309	-0,005	0,010	0,237	FALSE
-0,156	0,298	-0,003	0,007	0,203	FALSE
0,035	0,312	0,001	0,010	0,018	FALSE
-0,071	0,298	-0,002	0,009	0,092	FALSE
0,061	0,319	0,001	0,007	0,068	FALSE
-0,159	0,297	-0,005	0,009	0,209	FALSE
-0,132	0,299	-0,003	0,007	0,183	FALSE
-0,157	0,303	-0,004	0,008	0,214	FALSE
0,065	0,308	0,002	0,011	0,068	TRUE
-0,024	0,315	0,000	0,011	0,005	FALSE
-0,026	0,315	-0,001	0,007	0,048	FALSE
0,048	0,297	0,002	0,011	0,057	FALSE
-0,004	0,315	0,000	0,007	0,015	FALSE
-0,180	0,297	-0,005	0,008	0,261	FALSE
0,043	0,291	0,001	0,007	0,025	FALSE
-0,127	0,303	-0,004	0,011	0,168	FALSE
0,000	0,298	0,000	0,010	0,005	FALSE
0,116	0,295	0,004	0,008	0,199	FALSE
0,016	0,306	0,000	0,011	0,014	FALSE
-0,012	0,311	-0,001	0,011	0,041	FALSE
-0,115	0,308	-0,004	0,008	0,194	FALSE
-0,129	0,304	-0,006	0,012	0,203	FALSE
-0,033	0,296	0,000	0,006	0,022	FALSE
-0,059	0,313	-0,001	0,011	0,052	FALSE
-0,049	0,305	-0,001	0,008	0,054	FALSE
-0,123	0,301	-0,003	0,007	0,142	FALSE

-0,112	0,298	-0,003	0,008	0,134	FALSE
0,067	0,305	0,002	0,007	0,087	FALSE
0,085	0,306	0,002	0,007	0,106	FALSE
0,118	0,298	0,003	0,007	0,172	FALSE
0,094	0,301	0,003	0,012	0,114	FALSE
0,128	0,312	0,002	0,007	0,147	FALSE
0,042	0,295	0,001	0,009	0,059	FALSE
-0,021	0,312	-0,001	0,010	0,044	FALSE
-0,021	0,321	-0,002	0,011	0,057	FALSE
-0,057	0,299	-0,001	0,008	0,038	FALSE
-0,089	0,313	-0,002	0,006	0,137	FALSE
0,193	0,304	0,008	0,012	0,308	FALSE
-0,104	0,307	-0,002	0,006	0,144	FALSE
0,004	0,312	0,001	0,011	0,026	FALSE
-0,123	0,311	-0,004	0,010	0,177	FALSE
0,142	0,303	0,003	0,006	0,195	FALSE
-0,026	0,300	-0,001	0,011	0,032	FALSE
-0,050	0,313	-0,002	0,011	0,062	FALSE
0,101	0,316	0,003	0,008	0,128	FALSE
-0,103	0,293	-0,003	0,009	0,123	FALSE
-0,018	0,290	0,000	0,012	0,015	FALSE
0,082	0,293	0,003	0,011	0,104	FALSE
0,083	0,300	0,003	0,011	0,099	FALSE
0,004	0,297	0,000	0,013	0,013	FALSE
-0,094	0,303	-0,002	0,007	0,114	FALSE
0,011	0,312	0,001	0,008	0,027	FALSE
0,039	0,307	0,002	0,012	0,054	FALSE
0,007	0,303	0,000	0,008	0,005	FALSE
-0,058	0,305	-0,002	0,011	0,073	FALSE
0,169	0,305	0,005	0,012	0,178	FALSE
0,103	0,297	0,003	0,013	0,089	FALSE
0,078	0,306	0,002	0,012	0,070	FALSE
0,078	0,302	0,003	0,013	0,080	FALSE
-0,019	0,297	-0,001	0,008	0,031	FALSE
0,021	0,309	0,001	0,012	0,028	FALSE
-0,008	0,309	-0,001	0,012	0,024	FALSE
0,060	0,302	0,001	0,007	0,054	FALSE
0,118	0,303	0,005	0,011	0,187	FALSE
-0,043	0,327	-0,001	0,009	0,044	FALSE
-0,107	0,304	-0,003	0,011	0,104	FALSE
-0,158	0,300	-0,005	0,008	0,254	FALSE
0,098	0,309	0,003	0,011	0,118	FALSE
0,050	0,319	0,001	0,007	0,055	FALSE
0,194	0,298	0,008	0,013	0,284	FALSE
-0,010	0,299	-0,001	0,007	0,043	FALSE
0,115	0,301	0,005	0,013	0,180	FALSE
0,129	0,296	0,004	0,008	0,191	FALSE
0,123	0,294	0,005	0,011	0,173	FALSE
0,148	0,292	0,006	0,012	0,198	FALSE
-0,148	0,290	-0,006	0,011	0,233	FALSE
-0,047	0,302	-0,002	0,012	0,074	FALSE
0,009	0,312	0,000	0,007	0,007	FALSE
-0,026	0,316	-0,002	0,012	0,044	FALSE

0,023	0,295	0,002	0,011	0,068	FALSE
0,001	0,311	0,001	0,012	0,035	FALSE
-0,031	0,317	-0,001	0,013	0,032	FALSE
0,093	0,309	0,004	0,012	0,145	FALSE
-0,063	0,318	-0,002	0,008	0,099	FALSE
-0,044	0,308	-0,002	0,012	0,057	FALSE
-0,106	0,301	-0,004	0,011	0,129	FALSE
-0,037	0,308	-0,002	0,012	0,047	FALSE
-0,029	0,311	0,000	0,009	0,019	FALSE
0,042	0,308	0,001	0,008	0,041	FALSE
-0,079	0,308	-0,002	0,011	0,084	FALSE
0,077	0,300	0,004	0,013	0,113	FALSE
-0,033	0,300	-0,001	0,008	0,023	FALSE
0,204	0,276	0,004	0,006	0,355	FALSE
0,117	0,305	0,003	0,010	0,130	FALSE
-0,097	0,310	-0,003	0,011	0,119	FALSE
-0,062	0,311	-0,002	0,013	0,063	FALSE
-0,066	0,318	-0,002	0,009	0,083	FALSE
0,049	0,303	0,001	0,007	0,073	FALSE
0,017	0,316	0,001	0,012	0,038	FALSE
-0,060	0,318	-0,001	0,006	0,082	FALSE
0,078	0,306	0,002	0,008	0,084	FALSE
0,036	0,294	0,001	0,008	0,036	FALSE
0,064	0,315	0,003	0,012	0,084	FALSE
-0,101	0,312	-0,002	0,007	0,129	FALSE
0,002	0,308	0,000	0,010	0,004	FALSE
0,030	0,308	0,000	0,009	0,019	FALSE
-0,059	0,313	-0,002	0,009	0,060	FALSE
0,022	0,312	0,001	0,006	0,048	FALSE
0,001	0,317	0,000	0,008	0,019	FALSE
0,084	0,299	0,001	0,009	0,052	FALSE
-0,024	0,308	0,000	0,007	0,010	FALSE
-0,023	0,316	0,000	0,008	0,009	FALSE
0,100	0,317	0,002	0,007	0,134	FALSE
-0,033	0,307	-0,001	0,007	0,030	FALSE
-0,028	0,317	-0,001	0,009	0,036	FALSE
-0,002	0,313	0,001	0,012	0,020	FALSE
0,075	0,317	0,003	0,009	0,132	FALSE
-0,156	0,312	-0,004	0,008	0,186	FALSE
0,086	0,313	0,003	0,013	0,099	FALSE
0,017	0,317	0,001	0,013	0,018	FALSE
-0,041	0,304	-0,001	0,007	0,054	FALSE
-0,033	0,305	-0,002	0,012	0,061	FALSE
-0,021	0,326	-0,001	0,013	0,028	FALSE
0,069	0,308	0,001	0,008	0,069	FALSE
-0,076	0,316	-0,001	0,007	0,070	FALSE
-0,087	0,310	-0,004	0,012	0,121	FALSE
-0,107	0,305	-0,005	0,012	0,154	FALSE
-0,097	0,300	-0,002	0,007	0,146	FALSE
-0,045	0,307	-0,001	0,012	0,045	FALSE
-0,140	0,302	-0,004	0,010	0,168	FALSE
-0,050	0,305	-0,001	0,009	0,051	FALSE
-0,127	0,312	-0,003	0,007	0,190	FALSE

-0,101	0,301	-0,002	0,006	0,133	FALSE
-0,098	0,304	-0,004	0,012	0,132	FALSE
-0,039	0,306	-0,002	0,012	0,051	FALSE
0,054	0,306	0,002	0,013	0,046	FALSE
0,129	0,303	0,003	0,008	0,144	FALSE
-0,048	0,315	-0,002	0,013	0,071	FALSE
0,024	0,303	0,000	0,008	0,001	FALSE
0,176	0,313	0,004	0,007	0,231	FALSE
0,030	0,308	0,001	0,012	0,019	FALSE
0,028	0,304	0,001	0,009	0,036	FALSE
0,033	0,311	0,000	0,007	0,012	FALSE
0,010	0,295	0,001	0,011	0,044	FALSE
0,192	0,295	0,004	0,006	0,293	FALSE
-0,027	0,299	-0,001	0,007	0,037	FALSE
-0,083	0,302	-0,003	0,010	0,109	FALSE
0,083	0,303	0,003	0,007	0,157	FALSE
0,005	0,313	0,000	0,008	0,004	FALSE
-0,061	0,300	-0,002	0,010	0,068	FALSE
0,173	0,293	0,004	0,006	0,254	FALSE
-0,012	0,313	0,000	0,008	0,021	FALSE
-0,002	0,307	0,000	0,011	0,013	FALSE
0,133	0,303	0,003	0,007	0,204	FALSE
-0,015	0,288	0,000	0,010	0,016	FALSE
0,070	0,300	0,001	0,011	0,048	FALSE
-0,032	0,303	-0,001	0,009	0,040	FALSE
0,086	0,307	0,003	0,011	0,095	FALSE
-0,259	0,302	-0,007	0,009	0,384	FALSE
0,041	0,314	0,001	0,011	0,047	FALSE
0,028	0,313	0,001	0,009	0,028	FALSE
-0,010	0,308	-0,001	0,011	0,021	FALSE
-0,015	0,300	-0,001	0,012	0,043	FALSE
-0,081	0,313	-0,004	0,013	0,119	FALSE
-0,024	0,299	-0,001	0,008	0,039	FALSE
-0,063	0,307	-0,003	0,012	0,087	FALSE
-0,067	0,308	-0,002	0,007	0,094	FALSE
0,118	0,279	0,005	0,012	0,177	FALSE
-0,003	0,307	0,000	0,010	0,011	FALSE
-0,144	0,304	-0,006	0,012	0,214	FALSE
-0,140	0,293	-0,006	0,011	0,211	FALSE
-0,081	0,311	-0,003	0,011	0,089	FALSE
-0,093	0,304	-0,002	0,011	0,078	FALSE
-0,096	0,295	-0,003	0,011	0,088	FALSE
0,086	0,306	0,002	0,011	0,055	FALSE
0,077	0,311	0,002	0,009	0,064	FALSE
0,163	0,299	0,006	0,011	0,224	FALSE
0,064	0,304	0,001	0,010	0,051	FALSE
0,061	0,308	0,002	0,006	0,096	FALSE
-0,154	0,316	-0,003	0,007	0,185	FALSE
0,057	0,295	0,002	0,011	0,074	FALSE
0,036	0,295	0,001	0,011	0,045	FALSE
-0,023	0,301	0,000	0,006	0,018	FALSE
0,121	0,311	0,005	0,011	0,193	FALSE
0,045	0,321	0,001	0,007	0,050	FALSE

-0,041	0,308	-0,002	0,012	0,058	FALSE
0,005	0,321	0,001	0,007	0,038	FALSE
0,162	0,308	0,003	0,008	0,164	FALSE
-0,177	0,292	-0,006	0,011	0,248	FALSE
-0,028	0,305	-0,002	0,012	0,063	FALSE
-0,023	0,299	-0,002	0,012	0,048	FALSE
0,067	0,313	0,001	0,009	0,056	FALSE
0,118	0,307	0,004	0,012	0,145	FALSE
0,010	0,302	0,001	0,006	0,036	FALSE
0,065	0,292	0,001	0,007	0,072	FALSE
-0,053	0,308	-0,002	0,011	0,051	FALSE
-0,103	0,306	-0,003	0,009	0,130	FALSE
-0,018	0,306	0,000	0,011	0,005	FALSE
-0,028	0,305	0,000	0,011	0,013	FALSE
-0,034	0,309	-0,001	0,009	0,033	FALSE
0,018	0,306	0,000	0,012	0,003	FALSE
-0,058	0,313	-0,002	0,009	0,067	FALSE
0,145	0,309	0,004	0,007	0,212	FALSE
-0,013	0,317	-0,001	0,012	0,029	FALSE
0,068	0,300	0,001	0,007	0,072	FALSE
-0,027	0,314	0,000	0,009	0,014	FALSE
-0,154	0,304	-0,004	0,009	0,173	FALSE
-0,109	0,308	-0,004	0,013	0,123	FALSE
0,073	0,311	0,002	0,012	0,068	FALSE
0,097	0,314	0,003	0,009	0,125	FALSE
-0,048	0,305	-0,002	0,007	0,092	FALSE
0,109	0,293	0,003	0,009	0,158	FALSE
0,110	0,301	0,004	0,010	0,156	FALSE
-0,004	0,314	0,000	0,007	0,019	FALSE
0,180	0,299	0,004	0,006	0,246	FALSE
0,182	0,299	0,005	0,009	0,268	FALSE
-0,038	0,315	-0,001	0,008	0,044	FALSE
-0,060	0,323	-0,003	0,012	0,104	FALSE
0,048	0,297	0,002	0,006	0,093	FALSE
-0,013	0,312	-0,001	0,011	0,024	FALSE
-0,149	0,288	-0,004	0,007	0,240	FALSE
-0,061	0,301	-0,001	0,006	0,086	FALSE
-0,005	0,311	0,001	0,012	0,016	FALSE
0,013	0,315	0,001	0,012	0,026	FALSE
-0,033	0,303	-0,001	0,009	0,060	FALSE
-0,034	0,286	-0,001	0,008	0,043	FALSE
-0,055	0,307	-0,004	0,012	0,119	FALSE
0,140	0,298	0,007	0,013	0,237	FALSE
-0,105	0,305	-0,003	0,008	0,157	FALSE
-0,117	0,305	-0,004	0,011	0,135	FALSE
-0,119	0,292	-0,004	0,010	0,166	FALSE
0,050	0,303	0,001	0,012	0,038	FALSE
-0,068	0,317	-0,003	0,012	0,092	FALSE
0,063	0,311	0,002	0,009	0,082	FALSE
-0,122	0,307	-0,002	0,007	0,143	FALSE
0,036	0,320	0,001	0,012	0,033	FALSE
0,000	0,309	0,000	0,007	0,008	FALSE
0,054	0,304	0,002	0,011	0,062	FALSE

0,036	0,296	0,001	0,007	0,060	FALSE
0,036	0,324	0,001	0,012	0,038	FALSE
0,008	0,305	0,001	0,013	0,036	FALSE
0,017	0,305	0,001	0,009	0,040	FALSE
0,013	0,304	0,001	0,009	0,041	FALSE
-0,053	0,305	-0,001	0,010	0,049	FALSE
-0,010	0,314	0,000	0,012	0,004	FALSE
0,058	0,302	0,002	0,013	0,052	FALSE
-0,023	0,319	-0,001	0,011	0,049	FALSE
0,113	0,304	0,005	0,012	0,156	FALSE
-0,135	0,310	-0,003	0,007	0,173	FALSE
-0,001	0,299	0,001	0,008	0,026	FALSE
-0,005	0,314	0,000	0,009	0,005	FALSE
-0,082	0,291	-0,001	0,008	0,070	FALSE
-0,098	0,292	-0,002	0,008	0,102	FALSE
-0,096	0,300	-0,002	0,008	0,104	FALSE
0,049	0,304	0,003	0,011	0,093	FALSE
-0,023	0,315	-0,001	0,011	0,030	FALSE
0,064	0,305	0,002	0,009	0,098	FALSE
-0,041	0,296	-0,002	0,011	0,084	FALSE
-0,031	0,302	0,000	0,007	0,020	FALSE
0,075	0,297	0,003	0,012	0,110	FALSE
-0,020	0,309	-0,001	0,007	0,028	FALSE
0,066	0,311	0,003	0,012	0,097	FALSE
0,021	0,310	0,001	0,011	0,020	FALSE
-0,042	0,300	-0,001	0,006	0,052	FALSE
-0,049	0,306	-0,002	0,010	0,074	FALSE
-0,082	0,319	-0,002	0,007	0,123	FALSE
0,064	0,308	0,002	0,009	0,078	FALSE
-0,001	0,317	0,000	0,006	0,003	FALSE
-0,094	0,307	-0,004	0,012	0,114	FALSE
0,004	0,322	0,000	0,012	0,000	FALSE
-0,014	0,319	-0,001	0,009	0,051	FALSE
-0,016	0,315	-0,001	0,007	0,028	FALSE
-0,018	0,312	0,000	0,007	0,025	FALSE
-0,108	0,299	-0,002	0,008	0,108	FALSE
-0,005	0,307	0,000	0,009	0,002	FALSE
-0,154	0,299	-0,004	0,008	0,203	FALSE
-0,086	0,293	-0,002	0,008	0,114	FALSE
-0,164	0,299	-0,004	0,007	0,251	FALSE
-0,136	0,309	-0,004	0,009	0,174	FALSE
-0,110	0,307	-0,003	0,007	0,164	FALSE
-0,010	0,317	0,000	0,011	0,007	FALSE
0,020	0,299	0,001	0,006	0,047	FALSE
0,059	0,299	0,002	0,008	0,100	FALSE
-0,042	0,295	-0,002	0,011	0,050	FALSE
0,004	0,304	0,000	0,012	0,007	FALSE
0,006	0,295	0,000	0,007	0,005	FALSE
0,032	0,323	0,001	0,010	0,048	FALSE
0,015	0,297	0,000	0,012	0,005	FALSE
0,055	0,301	0,001	0,012	0,034	FALSE
-0,061	0,302	-0,002	0,011	0,052	FALSE
0,039	0,298	0,001	0,006	0,033	FALSE

-0,044	0,306	-0,001	0,009	0,059	FALSE
0,042	0,311	0,002	0,008	0,078	FALSE
0,009	0,306	0,001	0,007	0,031	FALSE
0,069	0,300	0,003	0,012	0,098	FALSE
0,057	0,304	0,003	0,012	0,089	FALSE
-0,059	0,307	-0,002	0,008	0,109	FALSE
-0,126	0,292	-0,007	0,012	0,247	FALSE
0,102	0,296	0,004	0,010	0,172	FALSE
-0,031	0,307	-0,001	0,007	0,031	FALSE
0,000	0,297	0,000	0,013	0,011	FALSE
0,076	0,321	0,003	0,013	0,084	FALSE
-0,134	0,297	-0,007	0,012	0,229	FALSE
-0,145	0,303	-0,003	0,007	0,170	FALSE
-0,018	0,306	-0,001	0,010	0,019	FALSE
-0,035	0,307	-0,001	0,007	0,040	FALSE
0,060	0,316	0,003	0,011	0,096	FALSE
0,141	0,309	0,006	0,013	0,209	FALSE
0,083	0,311	0,003	0,012	0,097	FALSE
-0,152	0,313	-0,003	0,007	0,220	FALSE
0,053	0,313	0,001	0,010	0,035	FALSE
0,099	0,293	0,003	0,012	0,107	FALSE
-0,003	0,311	0,000	0,009	0,001	FALSE
0,040	0,299	0,001	0,010	0,038	FALSE
-0,048	0,295	-0,001	0,008	0,028	FALSE
-0,086	0,317	-0,003	0,011	0,114	FALSE
-0,104	0,316	-0,002	0,007	0,138	FALSE
0,058	0,307	0,001	0,006	0,044	FALSE
-0,016	0,309	0,000	0,007	0,021	FALSE
-0,202	0,292	-0,006	0,010	0,252	FALSE
-0,073	0,307	-0,001	0,007	0,068	FALSE
0,049	0,302	0,003	0,012	0,107	FALSE
-0,029	0,307	-0,001	0,008	0,038	FALSE
0,018	0,309	0,000	0,008	0,008	FALSE
-0,037	0,319	-0,001	0,008	0,050	FALSE
0,000	0,325	0,000	0,008	0,000	FALSE
-0,002	0,297	0,001	0,012	0,023	FALSE
-0,155	0,293	-0,005	0,009	0,226	FALSE
0,091	0,291	0,002	0,007	0,093	FALSE
-0,049	0,319	-0,001	0,011	0,049	FALSE
-0,051	0,307	-0,002	0,008	0,082	FALSE
0,072	0,305	0,002	0,006	0,141	FALSE
-0,155	0,296	-0,007	0,011	0,286	FALSE
0,015	0,307	0,001	0,008	0,024	FALSE
-0,068	0,321	-0,001	0,006	0,047	FALSE
0,018	0,316	0,002	0,013	0,049	FALSE
0,132	0,319	0,003	0,007	0,149	FALSE
0,110	0,309	0,005	0,012	0,185	FALSE
0,114	0,301	0,006	0,011	0,210	FALSE
0,123	0,297	0,006	0,012	0,205	FALSE
0,113	0,306	0,005	0,012	0,191	FALSE
0,071	0,298	0,004	0,011	0,131	FALSE
0,123	0,298	0,006	0,012	0,212	FALSE
0,094	0,304	0,004	0,012	0,153	FALSE

-0,009	0,325	0,000	0,012	0,000	FALSE
-0,030	0,305	-0,001	0,011	0,035	FALSE
0,049	0,312	0,002	0,013	0,052	FALSE
0,012	0,303	0,000	0,009	0,018	FALSE
0,051	0,292	0,002	0,010	0,074	FALSE
0,028	0,329	0,001	0,011	0,049	FALSE
-0,033	0,320	-0,003	0,013	0,076	FALSE
-0,001	0,308	0,000	0,010	0,016	FALSE
0,123	0,308	0,002	0,007	0,131	FALSE
0,017	0,306	0,001	0,013	0,019	FALSE
-0,005	0,315	0,000	0,010	0,017	FALSE
-0,034	0,302	-0,001	0,012	0,035	FALSE
0,035	0,313	0,001	0,007	0,034	FALSE
-0,050	0,284	-0,001	0,009	0,055	FALSE
0,009	0,311	0,000	0,008	0,011	FALSE
-0,016	0,318	-0,001	0,008	0,030	FALSE
-0,153	0,308	-0,004	0,007	0,234	FALSE
0,042	0,313	0,002	0,012	0,071	FALSE
-0,106	0,305	-0,005	0,012	0,153	FALSE
-0,115	0,311	-0,004	0,013	0,132	FALSE
-0,133	0,308	-0,005	0,012	0,178	FALSE
0,044	0,301	0,002	0,011	0,082	FALSE
0,027	0,305	0,002	0,012	0,050	FALSE
0,098	0,291	0,002	0,006	0,128	FALSE
0,005	0,311	0,000	0,008	0,003	FALSE
0,002	0,321	0,000	0,008	0,005	FALSE
-0,127	0,321	-0,003	0,009	0,142	FALSE
-0,053	0,312	-0,001	0,007	0,064	FALSE
-0,032	0,309	-0,001	0,009	0,062	FALSE
0,012	0,305	-0,001	0,010	0,023	FALSE
0,012	0,317	0,001	0,010	0,023	FALSE
0,057	0,312	0,001	0,010	0,041	FALSE
0,045	0,316	0,002	0,013	0,060	FALSE
-0,015	0,298	0,000	0,009	0,004	FALSE
0,075	0,311	0,003	0,009	0,108	FALSE
-0,097	0,315	-0,003	0,009	0,127	FALSE
0,027	0,301	0,001	0,008	0,031	FALSE
-0,015	0,322	0,000	0,009	0,013	FALSE
0,061	0,300	0,003	0,010	0,118	FALSE
-0,108	0,311	-0,004	0,012	0,115	FALSE
-0,064	0,298	-0,001	0,006	0,048	FALSE
-0,059	0,303	-0,002	0,008	0,074	FALSE
-0,063	0,319	-0,001	0,007	0,052	FALSE
0,039	0,312	0,001	0,008	0,057	FALSE
0,051	0,295	0,001	0,009	0,045	FALSE
-0,096	0,296	-0,003	0,010	0,124	FALSE
0,083	0,308	0,003	0,013	0,102	FALSE
0,080	0,312	0,002	0,007	0,108	FALSE
-0,090	0,302	-0,003	0,010	0,117	FALSE
0,017	0,309	0,000	0,011	0,008	FALSE
0,107	0,306	0,002	0,007	0,130	FALSE
-0,043	0,303	-0,001	0,012	0,018	FALSE
0,053	0,319	0,001	0,007	0,052	FALSE

-0,082	0,314	-0,002	0,007	0,088	FALSE
-0,086	0,302	-0,002	0,007	0,098	FALSE
-0,053	0,303	-0,002	0,010	0,059	FALSE
-0,048	0,310	-0,002	0,009	0,063	FALSE
0,057	0,303	0,003	0,010	0,107	FALSE
-0,042	0,310	-0,002	0,011	0,060	FALSE
-0,061	0,306	-0,002	0,011	0,072	FALSE
0,036	0,276	0,002	0,007	0,088	FALSE
-0,008	0,298	0,000	0,006	0,004	FALSE
-0,050	0,299	-0,001	0,011	0,042	FALSE
-0,056	0,300	-0,002	0,012	0,068	FALSE
0,055	0,312	0,001	0,007	0,064	FALSE
-0,054	0,304	-0,001	0,008	0,054	FALSE
-0,023	0,310	-0,002	0,013	0,048	FALSE
-0,021	0,319	-0,001	0,013	0,033	FALSE
0,107	0,299	0,003	0,009	0,116	FALSE
0,104	0,300	0,003	0,012	0,103	FALSE
-0,139	0,305	-0,005	0,009	0,204	FALSE
0,039	0,289	0,001	0,010	0,044	FALSE
-0,111	0,306	-0,006	0,013	0,179	FALSE
-0,018	0,298	0,000	0,007	0,013	FALSE
0,031	0,318	0,001	0,008	0,035	FALSE
-0,074	0,308	-0,002	0,009	0,097	FALSE
-0,066	0,301	-0,002	0,009	0,091	FALSE
-0,108	0,303	-0,003	0,009	0,140	FALSE
-0,087	0,300	-0,002	0,008	0,087	FALSE
0,220	0,280	0,008	0,009	0,396	FALSE
0,126	0,302	0,005	0,011	0,178	FALSE
0,074	0,302	0,003	0,011	0,101	FALSE
0,130	0,294	0,007	0,012	0,234	FALSE
-0,046	0,305	-0,002	0,009	0,072	FALSE
-0,016	0,301	0,000	0,008	0,015	FALSE
0,071	0,311	0,002	0,011	0,067	FALSE
0,060	0,311	0,001	0,009	0,049	FALSE
0,029	0,319	0,001	0,011	0,036	FALSE
0,023	0,318	0,001	0,010	0,021	FALSE
0,006	0,297	0,000	0,007	0,001	FALSE
-0,128	0,305	-0,003	0,007	0,185	FALSE
0,028	0,316	0,001	0,010	0,039	FALSE
0,039	0,310	0,001	0,011	0,027	FALSE
-0,145	0,314	-0,005	0,012	0,194	FALSE
0,087	0,301	0,003	0,011	0,100	FALSE
-0,072	0,308	-0,002	0,010	0,083	FALSE
0,029	0,306	0,001	0,007	0,044	FALSE
0,073	0,293	0,002	0,011	0,086	FALSE
0,030	0,304	0,002	0,013	0,049	FALSE
0,014	0,311	0,001	0,010	0,023	FALSE
0,011	0,304	0,001	0,013	0,016	FALSE
0,131	0,301	0,004	0,010	0,155	FALSE
0,107	0,297	0,003	0,010	0,123	FALSE
0,097	0,307	0,003	0,008	0,132	FALSE
-0,022	0,317	-0,001	0,011	0,031	FALSE
0,136	0,298	0,003	0,006	0,189	FALSE

-0,032	0,283	-0,001	0,006	0,044	FALSE
-0,045	0,317	-0,001	0,008	0,049	FALSE
0,003	0,302	0,000	0,008	0,012	FALSE
-0,029	0,306	-0,001	0,009	0,028	FALSE
-0,098	0,297	-0,002	0,007	0,130	FALSE
0,095	0,292	0,004	0,010	0,144	FALSE
-0,023	0,309	-0,001	0,012	0,022	FALSE
-0,057	0,311	-0,001	0,011	0,031	FALSE
-0,133	0,302	-0,003	0,006	0,206	FALSE
-0,039	0,305	-0,002	0,008	0,081	FALSE
0,031	0,310	0,000	0,007	0,013	FALSE
-0,012	0,306	-0,001	0,012	0,043	FALSE
0,002	0,311	0,000	0,010	0,007	FALSE
-0,058	0,310	-0,002	0,012	0,056	FALSE
0,065	0,297	0,003	0,013	0,105	FALSE
0,064	0,300	0,002	0,010	0,081	FALSE
-0,072	0,296	-0,002	0,006	0,108	FALSE
0,048	0,309	0,001	0,012	0,021	FALSE
0,095	0,300	0,002	0,011	0,069	FALSE
0,031	0,304	0,000	0,007	0,003	FALSE
0,050	0,297	0,001	0,007	0,083	FALSE
-0,012	0,301	0,000	0,012	0,004	FALSE
-0,149	0,298	-0,003	0,007	0,197	FALSE
-0,021	0,321	-0,001	0,012	0,040	FALSE
-0,017	0,321	-0,001	0,009	0,030	FALSE
-0,060	0,299	-0,002	0,009	0,071	FALSE
0,031	0,313	0,000	0,007	0,008	FALSE
0,070	0,311	0,002	0,007	0,095	FALSE
0,065	0,318	0,003	0,009	0,120	FALSE
-0,048	0,289	-0,002	0,011	0,057	FALSE
-0,009	0,310	-0,001	0,010	0,025	FALSE
0,018	0,306	0,000	0,009	0,009	FALSE
-0,032	0,312	-0,002	0,013	0,062	FALSE
0,004	0,315	0,001	0,007	0,027	FALSE
-0,015	0,295	0,000	0,006	0,008	FALSE
0,030	0,299	0,000	0,008	0,002	FALSE
0,010	0,304	0,001	0,007	0,039	FALSE
-0,192	0,301	-0,004	0,007	0,250	FALSE
-0,003	0,324	0,000	0,008	0,007	FALSE
0,024	0,321	0,000	0,013	0,009	FALSE
0,125	0,297	0,005	0,012	0,154	FALSE
0,080	0,300	0,002	0,007	0,104	FALSE
0,054	0,309	0,002	0,012	0,076	FALSE
-0,026	0,304	-0,001	0,012	0,018	FALSE
0,012	0,312	0,001	0,008	0,043	FALSE
-0,019	0,321	-0,001	0,007	0,030	FALSE
-0,128	0,311	-0,004	0,009	0,190	FALSE
-0,046	0,297	-0,003	0,012	0,084	FALSE
0,141	0,305	0,004	0,010	0,162	FALSE
-0,153	0,302	-0,006	0,012	0,230	FALSE
0,033	0,325	0,002	0,010	0,056	FALSE
-0,074	0,299	-0,002	0,008	0,104	FALSE
0,060	0,307	0,002	0,007	0,110	FALSE

0,025	0,308	0,002	0,012	0,062	FALSE
0,055	0,313	0,001	0,007	0,046	FALSE
0,018	0,312	0,000	0,011	0,014	FALSE
-0,051	0,305	-0,002	0,011	0,062	FALSE
0,005	0,306	0,000	0,010	0,005	FALSE
0,138	0,303	0,005	0,009	0,213	FALSE
-0,156	0,304	-0,005	0,009	0,230	FALSE
0,098	0,302	0,004	0,012	0,137	FALSE
0,000	0,304	0,000	0,007	0,019	FALSE
-0,034	0,310	-0,001	0,007	0,053	FALSE
-0,090	0,310	-0,002	0,007	0,140	FALSE
-0,023	0,316	0,000	0,007	0,013	FALSE
0,079	0,317	0,002	0,012	0,068	FALSE
0,089	0,310	0,002	0,007	0,103	FALSE
0,023	0,316	0,000	0,006	0,018	FALSE
0,017	0,290	0,002	0,007	0,109	FALSE
0,164	0,297	0,007	0,011	0,266	FALSE
0,077	0,311	0,004	0,011	0,144	FALSE
0,003	0,321	0,000	0,007	0,010	FALSE
-0,100	0,293	-0,003	0,011	0,126	FALSE
-0,133	0,308	-0,005	0,011	0,191	FALSE
-0,001	0,315	0,000	0,008	0,009	FALSE
0,022	0,311	0,000	0,007	0,012	FALSE
0,005	0,307	-0,001	0,009	0,025	FALSE
0,008	0,313	0,000	0,008	0,005	FALSE
-0,001	0,311	0,000	0,009	0,017	FALSE
0,060	0,304	0,001	0,009	0,062	FALSE
0,085	0,305	0,002	0,008	0,111	FALSE
0,083	0,313	0,003	0,010	0,112	FALSE
0,028	0,307	0,002	0,009	0,072	FALSE
0,042	0,298	0,003	0,012	0,085	FALSE
0,038	0,305	0,003	0,012	0,080	FALSE
0,029	0,312	0,002	0,013	0,066	FALSE
-0,036	0,303	-0,002	0,011	0,059	FALSE
-0,027	0,317	-0,002	0,012	0,063	FALSE
-0,007	0,308	-0,001	0,007	0,040	FALSE
0,063	0,324	0,003	0,013	0,076	FALSE
-0,031	0,316	-0,002	0,011	0,053	FALSE
-0,052	0,318	-0,003	0,012	0,084	FALSE
0,057	0,309	0,001	0,007	0,041	FALSE
-0,140	0,291	-0,004	0,008	0,176	FALSE
-0,083	0,304	-0,002	0,010	0,091	FALSE
-0,119	0,303	-0,004	0,009	0,184	FALSE
-0,090	0,313	-0,002	0,007	0,114	FALSE
-0,014	0,315	0,000	0,008	0,009	FALSE
-0,025	0,317	-0,001	0,010	0,027	FALSE
0,076	0,316	0,003	0,010	0,097	FALSE
0,046	0,307	0,001	0,007	0,041	FALSE
-0,138	0,306	-0,004	0,009	0,186	FALSE
-0,072	0,296	-0,003	0,008	0,151	FALSE
-0,051	0,316	-0,003	0,011	0,088	FALSE
0,067	0,293	0,002	0,012	0,073	FALSE
0,055	0,319	0,001	0,007	0,040	FALSE

0,181	0,290	0,005	0,008	0,304	FALSE
0,048	0,304	0,001	0,007	0,047	FALSE
0,038	0,309	0,002	0,012	0,079	FALSE
-0,023	0,326	-0,001	0,009	0,022	FALSE
-0,099	0,301	-0,004	0,011	0,140	FALSE
-0,018	0,318	-0,001	0,010	0,052	FALSE
-0,016	0,304	0,001	0,010	0,022	FALSE
0,109	0,297	0,003	0,008	0,150	FALSE
-0,023	0,311	-0,001	0,013	0,029	FALSE
-0,054	0,311	-0,002	0,013	0,073	FALSE
-0,041	0,316	-0,002	0,012	0,061	FALSE
0,057	0,297	0,002	0,010	0,074	FALSE
-0,116	0,311	-0,005	0,012	0,149	FALSE
-0,096	0,298	-0,002	0,006	0,143	FALSE
0,070	0,296	0,002	0,008	0,110	FALSE
0,093	0,296	0,003	0,007	0,163	FALSE
0,076	0,306	0,001	0,009	0,056	FALSE
0,057	0,312	0,001	0,009	0,033	FALSE
-0,100	0,305	-0,002	0,007	0,130	FALSE
-0,051	0,313	-0,002	0,011	0,059	FALSE
-0,032	0,308	-0,001	0,010	0,022	FALSE
-0,072	0,312	-0,003	0,012	0,096	FALSE
0,097	0,309	0,003	0,009	0,141	FALSE
-0,035	0,313	0,000	0,008	0,008	FALSE
0,055	0,306	0,001	0,009	0,034	FALSE
-0,072	0,306	-0,002	0,007	0,114	FALSE
-0,019	0,295	-0,001	0,007	0,068	FALSE
-0,110	0,312	-0,003	0,009	0,155	FALSE
-0,056	0,314	-0,002	0,010	0,074	FALSE
-0,044	0,308	-0,001	0,008	0,048	FALSE
-0,049	0,307	-0,001	0,007	0,044	FALSE
0,030	0,319	0,001	0,007	0,051	FALSE
-0,012	0,325	0,000	0,010	0,009	FALSE
-0,048	0,302	-0,001	0,010	0,033	FALSE
-0,048	0,303	-0,001	0,009	0,031	FALSE
-0,108	0,304	-0,003	0,007	0,159	FALSE
-0,084	0,318	-0,004	0,013	0,117	FALSE
0,039	0,308	0,001	0,007	0,048	FALSE
-0,007	0,299	0,001	0,008	0,030	FALSE
-0,101	0,298	-0,002	0,007	0,093	FALSE
-0,023	0,311	-0,001	0,011	0,021	FALSE
-0,009	0,332	0,000	0,012	0,007	FALSE
0,090	0,306	0,001	0,007	0,073	FALSE
0,066	0,306	0,002	0,007	0,105	FALSE
-0,050	0,309	-0,001	0,009	0,057	FALSE
-0,042	0,306	-0,001	0,007	0,053	FALSE
0,091	0,312	0,002	0,006	0,100	FALSE
-0,003	0,319	0,000	0,009	0,005	FALSE
-0,084	0,299	-0,002	0,010	0,072	FALSE
0,004	0,301	-0,001	0,011	0,021	FALSE
-0,108	0,314	-0,003	0,010	0,130	FALSE
-0,061	0,288	-0,002	0,011	0,064	FALSE
-0,034	0,276	-0,001	0,010	0,048	FALSE

0,034	0,316	0,000	0,006	0,004	FALSE
-0,043	0,307	-0,001	0,008	0,043	FALSE
0,155	0,296	0,006	0,009	0,259	FALSE
0,057	0,306	0,001	0,007	0,064	FALSE
-0,075	0,309	-0,003	0,012	0,111	FALSE
0,029	0,304	0,002	0,008	0,072	FALSE
0,059	0,301	0,002	0,007	0,097	FALSE
0,044	0,298	0,001	0,013	0,032	FALSE
0,027	0,303	0,000	0,012	0,011	FALSE
0,156	0,314	0,004	0,007	0,215	FALSE
0,039	0,292	0,001	0,009	0,027	FALSE
0,022	0,300	0,001	0,007	0,052	FALSE
0,038	0,309	0,002	0,007	0,080	FALSE
0,036	0,293	0,002	0,007	0,082	FALSE
-0,065	0,295	-0,001	0,007	0,050	FALSE
-0,093	0,304	-0,003	0,010	0,114	FALSE
-0,131	0,292	-0,005	0,009	0,231	FALSE
-0,114	0,302	-0,004	0,013	0,139	FALSE
-0,035	0,320	-0,001	0,009	0,039	FALSE
-0,024	0,299	-0,001	0,012	0,037	FALSE
-0,021	0,291	-0,001	0,008	0,038	FALSE
-0,050	0,297	-0,001	0,006	0,041	FALSE
0,052	0,325	0,002	0,012	0,051	FALSE
0,042	0,303	0,000	0,010	0,006	FALSE
-0,008	0,317	-0,001	0,008	0,027	FALSE
-0,028	0,299	0,000	0,009	0,002	FALSE
-0,014	0,318	-0,001	0,008	0,046	FALSE
0,155	0,291	0,003	0,007	0,208	FALSE
-0,106	0,306	-0,003	0,009	0,148	FALSE
0,053	0,316	0,002	0,012	0,067	FALSE
-0,014	0,310	0,000	0,007	0,018	FALSE
-0,003	0,303	0,001	0,011	0,024	FALSE
0,182	0,295	0,005	0,007	0,302	FALSE
0,035	0,308	0,001	0,008	0,064	FALSE
-0,019	0,300	0,000	0,010	0,002	FALSE
-0,021	0,285	0,000	0,009	0,004	FALSE
0,033	0,308	0,001	0,009	0,032	FALSE
0,110	0,302	0,003	0,010	0,125	FALSE
-0,009	0,302	0,000	0,010	0,002	FALSE
-0,019	0,305	-0,001	0,012	0,021	FALSE
-0,012	0,293	-0,001	0,008	0,030	FALSE
0,043	0,324	0,002	0,012	0,065	FALSE
0,137	0,308	0,004	0,008	0,220	FALSE
-0,007	0,324	0,000	0,008	0,020	FALSE
0,022	0,324	0,000	0,012	0,013	FALSE
0,046	0,301	0,002	0,008	0,090	FALSE
0,009	0,325	0,000	0,008	0,016	FALSE
0,083	0,298	0,002	0,011	0,074	FALSE
-0,126	0,293	-0,003	0,009	0,144	FALSE
-0,061	0,311	-0,002	0,012	0,059	FALSE
-0,024	0,298	-0,002	0,011	0,050	FALSE
0,095	0,298	0,002	0,006	0,122	FALSE
0,105	0,302	0,002	0,008	0,082	FALSE

0,044	0,303	0,001	0,007	0,081	FALSE
-0,028	0,302	-0,001	0,009	0,045	FALSE
0,019	0,301	0,001	0,007	0,047	FALSE
-0,059	0,318	-0,002	0,009	0,069	FALSE
0,035	0,289	0,001	0,008	0,047	FALSE
0,009	0,304	0,000	0,006	0,003	FALSE
-0,028	0,302	-0,001	0,010	0,033	FALSE
0,085	0,310	0,002	0,008	0,108	FALSE
0,043	0,304	0,001	0,008	0,069	FALSE
-0,075	0,312	-0,001	0,008	0,071	FALSE
-0,068	0,304	-0,002	0,010	0,065	FALSE
0,182	0,270	0,007	0,011	0,256	FALSE
-0,126	0,307	-0,005	0,013	0,159	FALSE
-0,068	0,313	-0,002	0,008	0,084	FALSE
0,075	0,308	0,002	0,010	0,097	FALSE
-0,056	0,310	-0,002	0,013	0,052	FALSE
0,063	0,306	0,003	0,012	0,086	FALSE
-0,001	0,298	0,000	0,012	0,012	FALSE
-0,033	0,310	0,000	0,007	0,016	FALSE
0,027	0,304	0,001	0,008	0,071	FALSE
0,068	0,313	0,002	0,013	0,053	FALSE
-0,032	0,326	-0,002	0,011	0,048	FALSE
-0,003	0,312	0,000	0,008	0,001	FALSE
-0,021	0,321	0,000	0,007	0,011	FALSE
-0,024	0,308	-0,001	0,008	0,042	FALSE
-0,109	0,305	-0,004	0,013	0,123	FALSE
0,146	0,307	0,004	0,008	0,225	FALSE
-0,157	0,297	-0,006	0,012	0,196	FALSE
-0,155	0,285	-0,006	0,011	0,209	FALSE
-0,159	0,287	-0,006	0,012	0,208	FALSE
-0,151	0,299	-0,005	0,012	0,194	FALSE
-0,065	0,297	-0,003	0,009	0,118	FALSE
-0,107	0,299	-0,003	0,010	0,121	FALSE
-0,067	0,301	-0,002	0,012	0,057	FALSE
-0,056	0,309	-0,003	0,012	0,085	FALSE
-0,001	0,304	0,000	0,009	0,012	FALSE
0,115	0,317	0,005	0,012	0,153	FALSE
0,079	0,305	0,002	0,009	0,110	FALSE
0,025	0,303	0,000	0,006	0,017	FALSE
0,005	0,302	0,000	0,006	0,025	FALSE
0,056	0,315	0,002	0,009	0,070	FALSE
-0,071	0,317	-0,003	0,011	0,096	FALSE
-0,125	0,304	-0,003	0,008	0,160	FALSE
0,043	0,319	0,000	0,007	0,010	FALSE
-0,094	0,299	-0,004	0,011	0,133	FALSE
-0,086	0,309	-0,003	0,010	0,132	FALSE
-0,010	0,305	-0,001	0,011	0,039	FALSE
-0,014	0,310	-0,001	0,011	0,029	FALSE
-0,063	0,310	-0,003	0,013	0,082	FALSE
-0,029	0,311	-0,001	0,013	0,027	FALSE
0,034	0,306	0,002	0,012	0,049	FALSE
0,116	0,297	0,004	0,009	0,173	FALSE
-0,017	0,308	-0,001	0,009	0,054	FALSE

0,166	0,289	0,007	0,010	0,296	FALSE
-0,019	0,319	-0,001	0,012	0,019	FALSE
0,008	0,318	0,000	0,008	0,020	FALSE
-0,022	0,317	-0,001	0,013	0,031	FALSE
0,114	0,294	0,004	0,010	0,151	FALSE
-0,146	0,312	-0,003	0,008	0,189	FALSE
-0,098	0,311	-0,002	0,007	0,116	FALSE
-0,001	0,299	-0,001	0,011	0,017	FALSE
-0,069	0,298	-0,004	0,013	0,113	FALSE
-0,029	0,288	-0,002	0,012	0,056	FALSE
0,179	0,310	0,004	0,007	0,249	FALSE
-0,252	0,298	-0,008	0,010	0,376	FALSE
-0,113	0,298	-0,003	0,007	0,169	FALSE
0,062	0,308	0,002	0,010	0,075	FALSE
0,076	0,315	0,002	0,007	0,104	FALSE
0,032	0,315	0,000	0,007	0,007	FALSE
-0,166	0,301	-0,007	0,012	0,242	FALSE
-0,015	0,306	0,000	0,008	0,002	FALSE
-0,097	0,318	-0,005	0,013	0,138	FALSE
0,075	0,309	0,002	0,007	0,085	FALSE
0,095	0,301	0,002	0,007	0,123	FALSE
0,071	0,307	0,002	0,007	0,102	FALSE
0,031	0,319	0,001	0,007	0,027	FALSE
0,023	0,297	0,001	0,012	0,022	FALSE
-0,022	0,319	-0,001	0,013	0,033	FALSE
0,125	0,304	0,005	0,012	0,169	FALSE
0,015	0,301	0,001	0,012	0,014	FALSE
-0,037	0,317	-0,002	0,013	0,069	FALSE
0,045	0,313	0,001	0,010	0,030	FALSE
-0,028	0,315	-0,002	0,010	0,070	FALSE
0,028	0,316	0,001	0,007	0,042	FALSE
0,130	0,299	0,005	0,012	0,191	FALSE
0,077	0,311	0,003	0,010	0,100	FALSE
-0,016	0,310	0,000	0,008	0,002	FALSE
-0,027	0,313	0,000	0,010	0,018	FALSE
-0,042	0,313	-0,002	0,011	0,065	FALSE
-0,041	0,305	-0,001	0,006	0,044	FALSE
-0,108	0,318	-0,003	0,008	0,126	FALSE
-0,120	0,318	-0,003	0,009	0,149	FALSE
0,090	0,312	0,002	0,009	0,099	FALSE
0,015	0,291	0,001	0,006	0,043	FALSE
0,118	0,306	0,005	0,012	0,171	FALSE
-0,153	0,296	-0,004	0,008	0,230	FALSE
0,139	0,309	0,004	0,010	0,189	FALSE
-0,083	0,309	-0,004	0,012	0,120	FALSE
-0,082	0,311	-0,003	0,008	0,132	FALSE
-0,076	0,315	-0,003	0,012	0,105	FALSE
-0,095	0,302	-0,002	0,007	0,094	FALSE
-0,068	0,294	-0,002	0,012	0,061	FALSE
0,031	0,309	0,001	0,008	0,063	FALSE
0,001	0,310	0,001	0,011	0,033	FALSE
-0,035	0,320	-0,001	0,008	0,048	FALSE
-0,081	0,316	-0,002	0,010	0,090	FALSE

0,063	0,316	0,002	0,012	0,075	FALSE
0,119	0,310	0,003	0,007	0,156	FALSE
-0,022	0,304	-0,002	0,012	0,059	FALSE
0,014	0,308	0,000	0,009	0,012	FALSE
0,054	0,308	0,002	0,013	0,068	FALSE
-0,033	0,321	-0,001	0,007	0,032	FALSE
-0,066	0,314	-0,002	0,009	0,113	FALSE
0,103	0,305	0,004	0,010	0,138	FALSE
-0,058	0,298	-0,002	0,006	0,092	FALSE
-0,037	0,291	-0,001	0,006	0,062	FALSE
-0,052	0,323	-0,002	0,012	0,065	FALSE
-0,167	0,318	-0,007	0,012	0,241	FALSE
0,132	0,305	0,003	0,009	0,164	FALSE
-0,087	0,317	-0,002	0,009	0,095	FALSE
0,061	0,305	0,001	0,007	0,078	FALSE
-0,075	0,309	-0,002	0,009	0,093	FALSE
0,012	0,304	0,001	0,007	0,026	FALSE
-0,109	0,316	-0,003	0,009	0,161	FALSE
0,045	0,295	0,002	0,012	0,066	FALSE
0,086	0,311	0,002	0,007	0,093	FALSE
0,017	0,311	0,001	0,012	0,028	FALSE
0,015	0,298	0,000	0,008	0,019	FALSE
0,009	0,316	-0,001	0,012	0,016	FALSE
0,010	0,311	-0,001	0,012	0,016	FALSE
0,088	0,310	0,003	0,008	0,129	FALSE
0,140	0,289	0,005	0,011	0,206	FALSE
0,097	0,318	0,003	0,008	0,120	FALSE
0,031	0,309	0,001	0,006	0,038	FALSE
0,056	0,304	0,001	0,008	0,044	FALSE
-0,028	0,303	-0,001	0,012	0,043	FALSE
0,123	0,301	0,004	0,008	0,200	FALSE
-0,003	0,298	0,001	0,010	0,018	FALSE
0,100	0,305	0,004	0,008	0,184	FALSE
-0,049	0,300	-0,002	0,012	0,076	FALSE
-0,029	0,310	-0,001	0,011	0,025	FALSE
0,047	0,293	0,002	0,010	0,062	FALSE
-0,054	0,289	-0,001	0,010	0,039	FALSE
-0,118	0,297	-0,004	0,011	0,124	FALSE
-0,055	0,313	-0,001	0,009	0,034	FALSE
0,006	0,308	0,001	0,012	0,018	FALSE
-0,021	0,301	-0,001	0,009	0,037	FALSE
-0,017	0,305	0,000	0,011	0,002	FALSE
-0,098	0,317	-0,003	0,011	0,121	FALSE
0,014	0,308	0,000	0,009	0,008	FALSE
-0,092	0,317	-0,002	0,006	0,116	FALSE
0,008	0,304	0,001	0,008	0,022	FALSE
-0,081	0,302	-0,002	0,007	0,078	FALSE
-0,098	0,312	-0,002	0,006	0,132	FALSE
0,053	0,284	0,001	0,008	0,044	FALSE
0,141	0,312	0,005	0,010	0,194	FALSE
0,148	0,310	0,004	0,009	0,194	FALSE
-0,077	0,310	-0,002	0,008	0,102	FALSE
0,034	0,313	0,000	0,011	0,002	FALSE

0,054	0,311	0,002	0,010	0,062	FALSE
0,002	0,316	-0,001	0,012	0,033	FALSE
0,160	0,290	0,008	0,011	0,299	FALSE
0,125	0,295	0,006	0,011	0,232	FALSE
0,162	0,304	0,008	0,012	0,286	FALSE
-0,167	0,303	-0,005	0,009	0,260	FALSE
-0,189	0,299	-0,008	0,010	0,326	FALSE
0,199	0,316	0,007	0,011	0,294	FALSE
0,166	0,300	0,005	0,009	0,248	FALSE
0,006	0,306	0,001	0,012	0,016	FALSE
-0,032	0,304	-0,001	0,006	0,045	FALSE
-0,013	0,317	0,000	0,007	0,010	FALSE
-0,054	0,302	-0,002	0,011	0,066	FALSE
-0,027	0,317	-0,002	0,013	0,051	FALSE
0,046	0,305	0,003	0,012	0,084	FALSE
0,151	0,296	0,003	0,006	0,212	FALSE
0,089	0,289	0,003	0,012	0,112	FALSE
0,016	0,313	0,001	0,011	0,029	FALSE
0,065	0,326	0,002	0,012	0,079	FALSE
0,083	0,312	0,003	0,011	0,103	FALSE
0,075	0,307	0,002	0,011	0,078	FALSE
0,035	0,313	0,001	0,007	0,060	FALSE
0,100	0,300	0,004	0,011	0,139	FALSE
0,073	0,310	0,002	0,008	0,112	FALSE
0,054	0,300	0,002	0,012	0,059	FALSE
-0,037	0,299	-0,001	0,010	0,040	FALSE
-0,042	0,313	-0,001	0,008	0,032	FALSE
0,043	0,305	0,002	0,013	0,067	FALSE
0,000	0,316	0,000	0,008	0,017	FALSE
0,061	0,298	0,001	0,007	0,046	FALSE
-0,121	0,294	-0,003	0,007	0,165	FALSE
-0,131	0,307	-0,004	0,010	0,162	FALSE
-0,114	0,308	-0,003	0,009	0,130	FALSE
-0,050	0,322	-0,001	0,010	0,049	FALSE
-0,096	0,298	-0,003	0,009	0,114	FALSE
0,075	0,315	0,003	0,010	0,103	FALSE
0,074	0,316	0,002	0,010	0,073	FALSE
-0,031	0,302	0,000	0,013	0,003	FALSE
0,076	0,309	0,003	0,009	0,116	FALSE
0,010	0,301	0,001	0,010	0,027	FALSE
0,006	0,306	0,000	0,007	0,027	FALSE
0,102	0,300	0,004	0,011	0,163	FALSE
0,020	0,309	0,001	0,010	0,031	FALSE
0,089	0,306	0,003	0,010	0,109	FALSE
-0,024	0,301	-0,001	0,010	0,034	FALSE
-0,016	0,309	0,000	0,010	0,016	FALSE
-0,162	0,308	-0,004	0,007	0,220	FALSE
0,065	0,312	0,001	0,006	0,040	FALSE
0,114	0,303	0,003	0,007	0,166	FALSE
-0,031	0,318	-0,001	0,012	0,031	FALSE
-0,050	0,300	-0,001	0,010	0,057	FALSE
0,002	0,301	0,000	0,012	0,014	FALSE
0,022	0,295	0,001	0,012	0,026	FALSE

0,026	0,306	0,001	0,012	0,039	FALSE
0,033	0,301	0,001	0,012	0,037	FALSE
0,100	0,308	0,004	0,013	0,122	FALSE
0,124	0,313	0,003	0,008	0,151	FALSE
-0,014	0,308	-0,001	0,010	0,043	FALSE
0,014	0,299	0,000	0,009	0,010	FALSE
-0,013	0,307	-0,001	0,010	0,036	FALSE
0,130	0,294	0,006	0,011	0,214	FALSE
0,041	0,304	0,002	0,011	0,063	FALSE
0,100	0,301	0,004	0,011	0,146	FALSE
0,085	0,300	0,003	0,011	0,112	FALSE
0,113	0,302	0,004	0,011	0,147	FALSE
0,130	0,298	0,003	0,008	0,169	FALSE
0,029	0,301	0,001	0,007	0,036	FALSE
-0,061	0,296	-0,003	0,012	0,088	FALSE
0,079	0,297	0,002	0,007	0,103	FALSE
-0,035	0,322	-0,001	0,007	0,028	FALSE
-0,032	0,310	-0,001	0,008	0,064	FALSE
0,064	0,307	0,002	0,010	0,082	FALSE
0,149	0,304	0,005	0,009	0,225	FALSE
-0,089	0,313	-0,003	0,009	0,114	FALSE
-0,089	0,304	-0,004	0,012	0,125	FALSE
-0,079	0,313	-0,003	0,012	0,100	FALSE
-0,056	0,318	-0,002	0,008	0,081	FALSE
0,109	0,304	0,003	0,009	0,135	FALSE
-0,052	0,314	-0,001	0,007	0,056	FALSE
0,068	0,307	0,002	0,007	0,118	FALSE
0,067	0,300	0,001	0,006	0,090	FALSE
-0,036	0,309	-0,001	0,009	0,026	FALSE
-0,102	0,316	-0,004	0,013	0,122	FALSE
-0,063	0,310	-0,003	0,012	0,103	FALSE
0,026	0,303	0,000	0,009	0,013	FALSE
-0,023	0,318	-0,001	0,011	0,028	FALSE
-0,048	0,317	-0,002	0,008	0,076	FALSE
0,124	0,320	0,005	0,012	0,167	FALSE
0,082	0,305	0,003	0,012	0,104	FALSE
0,102	0,297	0,004	0,011	0,129	FALSE
-0,177	0,306	-0,007	0,011	0,284	FALSE
0,109	0,305	0,005	0,012	0,179	FALSE
-0,168	0,310	-0,004	0,007	0,246	FALSE
-0,021	0,308	-0,001	0,010	0,026	FALSE
-0,070	0,307	-0,003	0,009	0,107	FALSE
0,079	0,303	0,002	0,009	0,097	FALSE
0,035	0,298	0,000	0,007	0,025	FALSE
-0,085	0,311	-0,003	0,007	0,151	FALSE
0,036	0,311	0,000	0,010	0,007	FALSE
-0,027	0,311	-0,001	0,008	0,056	FALSE
0,016	0,299	0,001	0,008	0,024	FALSE
-0,045	0,312	-0,001	0,007	0,051	FALSE
0,021	0,314	0,001	0,007	0,044	FALSE
-0,088	0,300	-0,004	0,009	0,178	FALSE
-0,169	0,311	-0,004	0,009	0,200	FALSE
0,025	0,314	0,001	0,013	0,015	FALSE

0,084	0,311	0,002	0,007	0,127	FALSE
-0,147	0,306	-0,005	0,010	0,208	FALSE
-0,036	0,312	-0,001	0,006	0,041	FALSE
0,152	0,297	0,007	0,013	0,229	FALSE
0,008	0,300	0,000	0,009	0,015	FALSE
-0,007	0,307	0,000	0,009	0,004	FALSE
0,051	0,299	0,001	0,006	0,077	FALSE
0,111	0,295	0,005	0,011	0,166	FALSE
0,091	0,306	0,002	0,006	0,110	FALSE
-0,060	0,307	-0,002	0,009	0,087	FALSE
-0,043	0,308	-0,002	0,009	0,075	FALSE
-0,016	0,301	-0,001	0,007	0,033	FALSE
-0,001	0,314	0,000	0,010	0,009	FALSE
-0,046	0,312	-0,001	0,007	0,029	FALSE
-0,039	0,312	-0,001	0,007	0,040	FALSE
0,097	0,307	0,003	0,010	0,137	FALSE
0,090	0,303	0,002	0,006	0,129	FALSE
0,074	0,296	0,003	0,012	0,112	FALSE
0,141	0,296	0,004	0,007	0,249	FALSE
0,076	0,309	0,002	0,009	0,093	FALSE
0,039	0,317	0,001	0,008	0,053	FALSE
0,019	0,304	0,001	0,007	0,034	FALSE
0,109	0,307	0,004	0,011	0,145	FALSE
-0,036	0,310	-0,002	0,010	0,059	FALSE
-0,085	0,304	-0,002	0,007	0,112	FALSE
-0,101	0,306	-0,002	0,006	0,123	FALSE
-0,088	0,301	-0,002	0,006	0,147	FALSE
-0,094	0,316	-0,004	0,012	0,123	FALSE
0,075	0,307	0,002	0,009	0,076	FALSE
0,050	0,304	0,001	0,009	0,052	FALSE
-0,163	0,296	-0,007	0,011	0,266	FALSE
-0,163	0,291	-0,007	0,011	0,262	FALSE
-0,154	0,300	-0,007	0,011	0,245	FALSE
-0,154	0,302	-0,006	0,012	0,234	FALSE
-0,144	0,307	-0,006	0,012	0,218	FALSE
-0,166	0,299	-0,007	0,012	0,252	FALSE
-0,165	0,292	-0,007	0,012	0,270	FALSE
-0,148	0,311	-0,006	0,012	0,217	FALSE
-0,163	0,308	-0,007	0,012	0,254	FALSE
0,086	0,296	0,003	0,010	0,133	FALSE
0,082	0,300	0,003	0,010	0,130	FALSE
0,034	0,314	0,000	0,008	0,011	FALSE
-0,129	0,303	-0,005	0,012	0,177	FALSE
0,017	0,325	0,000	0,010	0,009	FALSE
0,012	0,306	0,000	0,006	0,015	FALSE
-0,073	0,305	-0,004	0,012	0,111	FALSE
-0,051	0,313	-0,001	0,007	0,071	FALSE
0,002	0,315	0,000	0,009	0,007	FALSE
-0,049	0,318	-0,001	0,009	0,043	FALSE
0,048	0,302	0,001	0,007	0,077	FALSE
0,084	0,316	0,002	0,007	0,104	FALSE
-0,002	0,306	-0,001	0,010	0,027	FALSE
-0,052	0,309	-0,002	0,009	0,101	FALSE

-0,140	0,306	-0,005	0,010	0,212	FALSE
0,034	0,299	0,001	0,007	0,036	FALSE
0,003	0,313	0,000	0,010	0,008	FALSE
-0,018	0,308	0,000	0,009	0,020	FALSE
-0,013	0,297	0,000	0,008	0,013	FALSE
-0,097	0,305	-0,002	0,007	0,110	FALSE
-0,060	0,311	-0,002	0,010	0,066	FALSE
-0,096	0,307	-0,002	0,006	0,119	FALSE
0,178	0,304	0,005	0,008	0,283	FALSE
0,091	0,297	0,002	0,007	0,095	FALSE
0,072	0,307	0,002	0,009	0,089	FALSE
0,047	0,302	0,001	0,007	0,049	FALSE
0,028	0,301	0,001	0,006	0,032	FALSE
-0,011	0,303	0,000	0,007	0,003	FALSE
-0,061	0,293	-0,001	0,007	0,052	FALSE
0,062	0,296	0,002	0,011	0,067	FALSE
0,026	0,306	0,001	0,010	0,052	FALSE
-0,031	0,316	-0,001	0,012	0,022	FALSE
0,103	0,298	0,003	0,008	0,119	FALSE
0,132	0,306	0,003	0,009	0,156	FALSE
-0,058	0,304	-0,001	0,007	0,037	FALSE
-0,051	0,302	-0,001	0,007	0,053	FALSE
-0,046	0,295	0,000	0,006	0,026	FALSE
-0,088	0,306	-0,002	0,007	0,084	FALSE
0,068	0,304	0,003	0,010	0,126	FALSE
0,066	0,309	0,003	0,011	0,086	FALSE
-0,175	0,296	-0,005	0,009	0,254	FALSE
0,017	0,295	0,000	0,006	0,005	FALSE
0,011	0,301	0,000	0,008	0,009	FALSE
-0,004	0,293	0,000	0,010	0,014	FALSE
0,065	0,301	0,002	0,011	0,060	FALSE
0,108	0,309	0,005	0,012	0,179	FALSE
0,021	0,299	0,000	0,006	0,002	FALSE
0,079	0,311	0,003	0,009	0,122	FALSE
0,135	0,300	0,003	0,006	0,167	FALSE
0,125	0,300	0,003	0,009	0,145	FALSE
-0,015	0,301	0,000	0,006	0,025	FALSE
0,057	0,316	0,001	0,008	0,031	FALSE
-0,029	0,303	-0,001	0,006	0,047	FALSE
0,184	0,304	0,004	0,007	0,289	FALSE
0,179	0,290	0,004	0,006	0,292	FALSE
-0,111	0,302	-0,003	0,007	0,147	FALSE
0,220	0,291	0,007	0,009	0,315	FALSE
-0,035	0,312	-0,001	0,008	0,070	FALSE
-0,088	0,300	-0,003	0,012	0,099	FALSE
-0,139	0,288	-0,006	0,011	0,219	FALSE
-0,056	0,300	-0,002	0,012	0,066	FALSE
-0,020	0,311	0,000	0,008	0,007	FALSE
-0,033	0,319	-0,001	0,008	0,025	FALSE
-0,037	0,311	-0,001	0,010	0,035	FALSE
-0,093	0,319	-0,003	0,013	0,102	FALSE
-0,023	0,303	0,000	0,008	0,016	FALSE
0,138	0,303	0,003	0,006	0,200	FALSE

0,054	0,309	0,001	0,007	0,066	FALSE
-0,107	0,303	-0,002	0,008	0,111	FALSE
0,050	0,293	0,002	0,011	0,057	FALSE
-0,009	0,306	-0,001	0,009	0,031	FALSE
-0,045	0,300	-0,001	0,010	0,053	FALSE
0,124	0,292	0,004	0,009	0,178	FALSE
0,005	0,304	-0,001	0,008	0,028	FALSE
0,004	0,315	0,000	0,006	0,001	FALSE
-0,128	0,282	-0,005	0,010	0,190	FALSE
-0,084	0,303	-0,002	0,008	0,080	FALSE
-0,095	0,311	-0,003	0,009	0,137	FALSE
-0,047	0,305	-0,001	0,008	0,045	FALSE
0,027	0,311	0,001	0,010	0,021	FALSE
0,044	0,308	0,001	0,010	0,037	FALSE
0,056	0,309	0,001	0,007	0,060	FALSE
-0,069	0,310	-0,001	0,006	0,064	FALSE
-0,075	0,305	-0,005	0,013	0,163	FALSE
-0,001	0,300	0,000	0,006	0,026	FALSE
-0,045	0,302	-0,002	0,012	0,052	FALSE
-0,059	0,317	-0,002	0,012	0,071	FALSE
-0,053	0,304	-0,002	0,011	0,068	FALSE
-0,047	0,296	-0,002	0,011	0,063	FALSE
-0,017	0,319	0,000	0,011	0,015	FALSE
0,021	0,295	0,000	0,006	0,001	FALSE
0,119	0,298	0,002	0,008	0,128	FALSE
-0,104	0,300	-0,003	0,010	0,119	FALSE
0,078	0,300	0,003	0,009	0,132	FALSE
-0,045	0,303	-0,001	0,008	0,040	FALSE
-0,061	0,305	-0,001	0,009	0,047	FALSE
0,107	0,311	0,003	0,011	0,123	FALSE
-0,003	0,310	0,000	0,007	0,006	FALSE
0,093	0,294	0,002	0,006	0,144	FALSE
-0,021	0,294	0,000	0,006	0,007	FALSE
-0,051	0,324	-0,001	0,008	0,052	FALSE
-0,060	0,302	-0,002	0,010	0,080	FALSE
-0,058	0,304	-0,002	0,011	0,081	FALSE
0,004	0,304	0,000	0,008	0,001	FALSE
-0,100	0,293	-0,002	0,006	0,147	FALSE
0,027	0,302	0,001	0,011	0,046	FALSE
0,017	0,302	0,001	0,009	0,029	FALSE
-0,012	0,302	0,000	0,007	0,024	FALSE
0,132	0,299	0,004	0,009	0,193	FALSE
0,018	0,301	0,001	0,007	0,030	FALSE
0,006	0,297	-0,001	0,011	0,028	FALSE
-0,198	0,306	-0,004	0,007	0,268	FALSE
-0,009	0,302	0,000	0,012	0,004	FALSE
-0,035	0,313	-0,001	0,007	0,039	FALSE
-0,073	0,309	-0,003	0,012	0,086	FALSE
-0,197	0,297	-0,006	0,009	0,289	FALSE
-0,034	0,319	-0,001	0,010	0,039	FALSE
-0,031	0,299	-0,001	0,008	0,041	FALSE
-0,047	0,302	-0,002	0,010	0,068	FALSE
-0,113	0,318	-0,002	0,007	0,135	FALSE

-0,056	0,309	-0,002	0,008	0,073	FALSE
-0,022	0,304	-0,001	0,008	0,061	FALSE
0,086	0,299	0,003	0,008	0,163	FALSE
0,080	0,310	0,002	0,010	0,077	FALSE
0,142	0,303	0,004	0,007	0,218	FALSE
0,047	0,301	0,002	0,009	0,067	FALSE
0,093	0,312	0,003	0,009	0,140	FALSE
0,063	0,316	0,001	0,007	0,079	FALSE
0,036	0,319	0,001	0,013	0,017	FALSE
0,046	0,305	0,003	0,012	0,087	FALSE
-0,032	0,311	-0,002	0,012	0,045	FALSE
-0,048	0,297	-0,003	0,011	0,086	FALSE
0,027	0,313	0,001	0,013	0,032	FALSE
-0,032	0,314	-0,001	0,012	0,028	FALSE
-0,159	0,310	-0,003	0,006	0,212	FALSE
0,012	0,299	0,000	0,008	0,015	FALSE
0,238	0,286	0,009	0,012	0,361	FALSE
-0,194	0,293	-0,008	0,012	0,296	FALSE
0,050	0,316	0,001	0,011	0,041	FALSE
-0,128	0,304	-0,005	0,011	0,176	FALSE
-0,094	0,292	-0,003	0,010	0,117	FALSE
-0,022	0,317	-0,001	0,011	0,037	FALSE
0,038	0,307	0,003	0,011	0,108	FALSE
-0,054	0,310	-0,001	0,007	0,066	FALSE
0,158	0,291	0,005	0,009	0,260	FALSE
-0,127	0,302	-0,004	0,009	0,172	FALSE
0,017	0,321	0,000	0,010	0,001	FALSE
-0,105	0,305	-0,003	0,007	0,151	FALSE
-0,065	0,296	-0,002	0,009	0,067	FALSE
0,141	0,298	0,004	0,009	0,193	FALSE
0,025	0,310	0,002	0,013	0,050	FALSE
-0,110	0,310	-0,004	0,009	0,185	FALSE
-0,128	0,305	-0,003	0,007	0,169	FALSE
0,060	0,297	0,002	0,011	0,082	FALSE
0,019	0,304	0,001	0,012	0,017	FALSE
-0,086	0,294	-0,002	0,006	0,103	FALSE
-0,137	0,307	-0,005	0,011	0,206	FALSE
-0,080	0,304	-0,003	0,012	0,097	FALSE
-0,018	0,315	0,000	0,013	0,004	FALSE
0,053	0,324	0,001	0,011	0,045	FALSE
-0,097	0,304	-0,003	0,009	0,153	FALSE
-0,013	0,308	0,001	0,012	0,029	FALSE
-0,092	0,309	-0,003	0,010	0,124	FALSE
-0,110	0,313	-0,004	0,010	0,157	FALSE
0,000	0,301	0,000	0,009	0,009	FALSE
0,033	0,312	0,001	0,008	0,031	FALSE
0,015	0,306	0,000	0,008	0,005	FALSE
0,010	0,306	-0,001	0,011	0,031	FALSE
0,005	0,312	-0,001	0,012	0,019	FALSE
0,025	0,301	0,001	0,012	0,035	FALSE
0,065	0,316	0,001	0,008	0,042	FALSE
0,106	0,294	0,005	0,012	0,178	FALSE
-0,036	0,306	-0,001	0,007	0,026	FALSE

0,017	0,317	0,001	0,011	0,028	FALSE
0,060	0,305	0,002	0,010	0,078	FALSE
-0,031	0,305	-0,001	0,012	0,033	FALSE
0,123	0,283	0,003	0,006	0,237	FALSE
-0,199	0,298	-0,006	0,010	0,271	FALSE
0,082	0,322	0,003	0,011	0,090	FALSE
-0,032	0,307	0,000	0,007	0,024	FALSE
0,138	0,304	0,004	0,009	0,180	FALSE
0,070	0,297	0,002	0,008	0,078	FALSE
-0,088	0,300	-0,004	0,012	0,125	FALSE
0,078	0,303	0,003	0,012	0,091	FALSE
0,001	0,309	0,000	0,007	0,003	FALSE
0,077	0,301	0,001	0,006	0,063	FALSE
-0,119	0,298	-0,005	0,012	0,184	FALSE
-0,117	0,315	-0,004	0,010	0,141	FALSE
-0,018	0,311	-0,001	0,006	0,034	FALSE
-0,131	0,314	-0,004	0,009	0,175	FALSE
-0,063	0,303	-0,004	0,012	0,116	FALSE
0,012	0,307	0,000	0,012	0,005	FALSE
-0,050	0,320	-0,002	0,013	0,051	FALSE
0,045	0,314	0,001	0,007	0,083	FALSE
-0,121	0,307	-0,003	0,007	0,170	FALSE
-0,014	0,309	-0,001	0,009	0,031	FALSE
-0,110	0,304	-0,003	0,007	0,159	FALSE
-0,056	0,296	-0,002	0,009	0,083	FALSE
-0,002	0,315	0,000	0,013	0,005	FALSE
-0,070	0,309	-0,003	0,011	0,108	FALSE
0,019	0,312	0,001	0,008	0,026	FALSE
0,147	0,314	0,003	0,007	0,210	FALSE
0,088	0,309	0,002	0,008	0,101	FALSE
-0,137	0,316	-0,005	0,012	0,159	FALSE
-0,007	0,310	0,000	0,013	0,010	FALSE
-0,067	0,305	-0,001	0,008	0,055	FALSE
0,043	0,306	0,002	0,012	0,075	FALSE
0,094	0,299	0,005	0,013	0,164	FALSE
-0,060	0,287	-0,002	0,009	0,091	FALSE
-0,017	0,318	-0,001	0,009	0,022	FALSE
0,056	0,298	0,002	0,008	0,068	FALSE
-0,081	0,322	-0,003	0,011	0,122	FALSE
0,050	0,317	0,002	0,009	0,099	FALSE
0,016	0,307	0,001	0,012	0,023	FALSE
-0,092	0,305	-0,004	0,012	0,134	FALSE
0,043	0,314	0,001	0,011	0,042	FALSE
0,043	0,306	0,001	0,009	0,049	FALSE
0,043	0,302	0,001	0,009	0,041	FALSE
-0,069	0,310	-0,001	0,007	0,063	FALSE
0,257	0,294	0,008	0,008	0,451	FALSE
0,221	0,301	0,006	0,007	0,341	FALSE
0,068	0,303	0,001	0,011	0,035	FALSE
0,083	0,292	0,001	0,011	0,046	FALSE
-0,071	0,321	-0,003	0,013	0,075	FALSE
-0,056	0,309	-0,001	0,007	0,049	FALSE
-0,014	0,304	-0,001	0,012	0,025	FALSE

0,041	0,291	0,001	0,008	0,059	FALSE
0,010	0,310	0,000	0,012	0,006	FALSE
0,026	0,333	0,001	0,013	0,027	FALSE
0,017	0,316	0,001	0,012	0,032	FALSE
0,017	0,306	0,000	0,012	0,010	FALSE
-0,078	0,306	-0,002	0,011	0,075	FALSE
-0,100	0,291	-0,003	0,010	0,110	FALSE
-0,082	0,302	-0,002	0,011	0,084	FALSE
0,004	0,304	0,000	0,012	0,010	FALSE
-0,019	0,303	-0,001	0,007	0,057	FALSE
0,131	0,319	0,003	0,008	0,148	FALSE
-0,050	0,302	-0,001	0,007	0,050	FALSE
-0,034	0,303	-0,001	0,009	0,039	FALSE
0,029	0,317	0,001	0,010	0,041	FALSE
-0,196	0,287	-0,005	0,007	0,294	FALSE
0,023	0,303	0,001	0,006	0,051	FALSE
-0,036	0,310	0,000	0,007	0,020	FALSE
-0,064	0,295	-0,002	0,008	0,104	FALSE
-0,043	0,298	-0,002	0,009	0,065	FALSE
0,064	0,307	0,002	0,007	0,112	FALSE
0,054	0,305	0,001	0,006	0,080	FALSE
-0,134	0,313	-0,003	0,007	0,179	FALSE
0,145	0,303	0,005	0,010	0,199	FALSE
-0,006	0,309	0,000	0,007	0,025	FALSE
0,010	0,304	-0,001	0,009	0,025	FALSE
0,003	0,305	-0,001	0,009	0,036	FALSE
0,133	0,287	0,005	0,010	0,211	FALSE
0,028	0,296	0,000	0,012	0,008	FALSE
-0,037	0,304	-0,001	0,012	0,032	FALSE
-0,019	0,312	0,000	0,010	0,011	FALSE
0,052	0,304	0,001	0,009	0,061	FALSE
0,062	0,317	0,003	0,011	0,085	FALSE
0,008	0,324	0,000	0,012	0,014	FALSE
0,062	0,292	0,002	0,010	0,096	FALSE
0,010	0,305	0,000	0,007	0,011	FALSE
0,018	0,305	0,000	0,009	0,006	FALSE
-0,009	0,306	0,000	0,009	0,017	FALSE
-0,067	0,328	-0,002	0,010	0,077	FALSE
-0,066	0,319	-0,001	0,007	0,078	FALSE
0,080	0,305	0,002	0,008	0,111	FALSE
0,020	0,309	0,000	0,010	0,000	FALSE
-0,055	0,309	-0,003	0,013	0,075	FALSE
-0,139	0,306	-0,005	0,010	0,203	FALSE
0,007	0,307	0,000	0,013	0,003	FALSE
-0,059	0,301	-0,002	0,011	0,070	FALSE
0,037	0,304	0,001	0,012	0,029	FALSE
0,007	0,309	-0,001	0,013	0,014	FALSE
0,105	0,290	0,004	0,011	0,154	FALSE
0,032	0,313	0,001	0,009	0,051	FALSE
-0,152	0,294	-0,003	0,008	0,173	FALSE
-0,176	0,297	-0,004	0,007	0,231	FALSE
-0,022	0,298	0,000	0,012	0,002	FALSE
-0,011	0,306	-0,001	0,011	0,028	FALSE

0,048	0,309	0,001	0,006	0,051	FALSE
-0,020	0,312	0,000	0,012	0,010	FALSE
0,009	0,309	0,001	0,009	0,054	FALSE
-0,074	0,305	-0,002	0,009	0,089	FALSE
-0,029	0,307	-0,001	0,012	0,027	FALSE
-0,072	0,308	-0,002	0,011	0,076	FALSE
0,165	0,310	0,006	0,011	0,226	FALSE
-0,057	0,305	-0,001	0,009	0,057	FALSE
-0,002	0,309	0,000	0,007	0,010	FALSE
0,066	0,313	0,001	0,007	0,070	FALSE
0,115	0,304	0,003	0,009	0,124	FALSE
0,036	0,317	0,001	0,008	0,036	FALSE
-0,090	0,305	-0,003	0,009	0,148	FALSE
0,011	0,301	0,001	0,009	0,057	FALSE
-0,006	0,306	0,001	0,009	0,037	FALSE
0,073	0,301	0,001	0,010	0,055	FALSE
-0,128	0,306	-0,004	0,010	0,141	FALSE
-0,144	0,302	-0,005	0,012	0,172	FALSE
-0,017	0,308	0,000	0,006	0,005	FALSE
0,105	0,297	0,004	0,010	0,159	FALSE
-0,025	0,310	0,000	0,007	0,005	FALSE
0,021	0,302	0,001	0,008	0,050	FALSE
-0,014	0,301	0,000	0,008	0,001	FALSE
0,083	0,310	0,003	0,011	0,085	FALSE
0,024	0,302	0,000	0,009	0,020	FALSE
0,004	0,301	0,000	0,008	0,009	FALSE
0,055	0,301	0,001	0,006	0,065	FALSE
0,043	0,306	0,001	0,009	0,054	FALSE
-0,049	0,311	-0,001	0,008	0,056	FALSE
0,179	0,289	0,004	0,006	0,286	FALSE
0,076	0,303	0,002	0,008	0,098	FALSE
-0,123	0,294	-0,003	0,007	0,176	FALSE
0,128	0,301	0,004	0,010	0,190	FALSE
0,126	0,300	0,004	0,009	0,186	FALSE
-0,036	0,289	-0,002	0,008	0,067	FALSE
0,012	0,326	0,001	0,010	0,023	FALSE
0,049	0,310	0,002	0,011	0,086	FALSE
0,025	0,318	0,000	0,007	0,011	FALSE
-0,084	0,306	-0,002	0,011	0,085	FALSE
-0,008	0,317	0,000	0,009	0,005	FALSE
0,012	0,301	0,000	0,010	0,013	FALSE
0,026	0,310	0,001	0,012	0,040	FALSE
-0,026	0,306	0,000	0,011	0,010	FALSE
-0,031	0,305	0,000	0,006	0,023	FALSE
-0,028	0,317	0,000	0,007	0,016	FALSE
0,122	0,293	0,006	0,012	0,189	FALSE
-0,032	0,308	-0,001	0,009	0,042	FALSE
-0,051	0,309	-0,001	0,010	0,024	FALSE
0,040	0,310	0,001	0,007	0,062	FALSE
0,012	0,308	0,000	0,009	0,016	FALSE
-0,054	0,302	-0,001	0,011	0,045	FALSE
-0,028	0,305	0,000	0,007	0,016	FALSE
-0,039	0,333	-0,001	0,011	0,037	FALSE

-0,083	0,320	-0,002	0,013	0,071	FALSE
-0,132	0,299	-0,004	0,010	0,181	FALSE
0,064	0,303	0,002	0,007	0,101	FALSE
-0,089	0,302	-0,003	0,012	0,111	FALSE
-0,008	0,300	-0,001	0,011	0,039	FALSE
0,071	0,305	0,002	0,011	0,074	FALSE
0,074	0,294	0,002	0,009	0,097	FALSE
0,079	0,309	0,002	0,010	0,096	FALSE
-0,081	0,298	-0,002	0,006	0,094	FALSE
0,069	0,297	0,003	0,010	0,108	FALSE
-0,042	0,297	-0,002	0,007	0,097	FALSE
-0,012	0,305	-0,001	0,007	0,025	FALSE
0,042	0,298	0,002	0,008	0,076	FALSE
0,049	0,306	0,002	0,008	0,085	FALSE
0,030	0,313	0,002	0,008	0,069	FALSE
0,061	0,301	0,002	0,011	0,083	FALSE
0,119	0,297	0,003	0,007	0,190	FALSE
-0,013	0,287	0,000	0,012	0,003	FALSE
-0,015	0,308	0,000	0,007	0,009	FALSE
-0,045	0,309	-0,002	0,007	0,083	FALSE
0,024	0,297	0,001	0,007	0,060	FALSE
-0,018	0,305	-0,001	0,012	0,022	FALSE
0,013	0,292	0,000	0,010	0,002	FALSE
0,023	0,295	0,000	0,010	0,009	FALSE
0,009	0,313	0,000	0,007	0,021	FALSE
0,008	0,325	0,000	0,012	0,004	FALSE
0,035	0,299	0,002	0,009	0,069	FALSE
0,040	0,327	0,001	0,008	0,035	FALSE
-0,041	0,306	-0,001	0,010	0,054	FALSE
0,030	0,312	0,001	0,010	0,032	FALSE
-0,061	0,307	-0,002	0,009	0,074	FALSE
0,089	0,302	0,001	0,009	0,032	FALSE
0,060	0,314	0,003	0,012	0,104	FALSE
-0,047	0,318	-0,002	0,013	0,059	FALSE
0,015	0,296	0,001	0,011	0,029	FALSE
-0,032	0,297	-0,003	0,012	0,102	FALSE
0,031	0,320	0,002	0,012	0,068	FALSE
-0,016	0,304	0,001	0,013	0,024	FALSE
-0,004	0,316	0,000	0,006	0,015	FALSE
0,064	0,296	0,002	0,009	0,091	FALSE
0,082	0,297	0,003	0,009	0,119	FALSE
-0,015	0,307	0,000	0,012	0,013	FALSE
0,012	0,312	0,001	0,011	0,033	FALSE
-0,068	0,300	-0,001	0,006	0,057	FALSE
-0,018	0,310	0,000	0,013	0,006	FALSE
-0,033	0,291	-0,001	0,012	0,025	FALSE
0,020	0,306	0,001	0,012	0,043	FALSE
0,042	0,311	0,000	0,006	0,027	FALSE
-0,044	0,310	0,000	0,008	0,016	FALSE
-0,011	0,308	0,000	0,011	0,005	FALSE
0,028	0,307	0,001	0,012	0,031	FALSE
0,004	0,323	0,000	0,012	0,011	FALSE
-0,007	0,304	0,001	0,013	0,032	FALSE

0,052	0,309	0,001	0,009	0,026	FALSE
-0,075	0,320	-0,001	0,006	0,073	FALSE
-0,068	0,313	-0,002	0,011	0,067	FALSE
-0,022	0,313	-0,001	0,007	0,038	FALSE
-0,189	0,312	-0,006	0,010	0,256	FALSE
0,020	0,317	0,000	0,008	0,003	FALSE
0,155	0,293	0,006	0,010	0,240	FALSE
0,020	0,303	0,000	0,007	0,016	FALSE
0,007	0,297	0,001	0,007	0,046	FALSE
0,002	0,308	0,001	0,011	0,020	FALSE
0,034	0,302	0,001	0,007	0,050	FALSE
0,068	0,311	0,002	0,007	0,092	FALSE
-0,027	0,311	0,000	0,006	0,017	FALSE
-0,059	0,323	-0,003	0,012	0,085	FALSE
0,001	0,297	0,001	0,011	0,022	FALSE
0,028	0,294	0,003	0,012	0,085	FALSE
-0,068	0,288	-0,004	0,010	0,170	FALSE
0,063	0,314	0,001	0,007	0,061	FALSE
-0,022	0,315	-0,002	0,010	0,057	FALSE
0,059	0,308	0,002	0,009	0,088	FALSE
-0,069	0,313	-0,002	0,008	0,083	FALSE
-0,035	0,314	-0,002	0,012	0,066	FALSE
0,057	0,312	0,002	0,013	0,060	FALSE
-0,093	0,302	-0,003	0,012	0,114	FALSE
-0,077	0,307	-0,002	0,006	0,094	FALSE
-0,021	0,312	-0,001	0,008	0,028	FALSE
0,012	0,314	0,001	0,008	0,030	FALSE
0,031	0,305	0,001	0,008	0,052	FALSE
0,057	0,318	0,002	0,013	0,055	FALSE
-0,074	0,307	-0,002	0,008	0,082	FALSE
0,062	0,304	0,003	0,012	0,109	FALSE
-0,092	0,303	-0,004	0,011	0,133	FALSE
0,100	0,308	0,002	0,007	0,103	FALSE
0,054	0,307	0,001	0,008	0,032	FALSE
0,026	0,310	0,001	0,007	0,027	FALSE
-0,071	0,287	-0,002	0,012	0,059	FALSE
0,052	0,311	0,001	0,008	0,028	FALSE
-0,114	0,302	-0,003	0,007	0,150	FALSE
-0,103	0,304	-0,005	0,012	0,154	FALSE
-0,017	0,302	0,000	0,010	0,016	FALSE
0,046	0,304	0,001	0,012	0,042	FALSE
-0,036	0,312	-0,001	0,012	0,021	FALSE
-0,014	0,313	-0,001	0,007	0,045	FALSE
0,053	0,303	0,001	0,008	0,051	FALSE
-0,037	0,316	-0,002	0,010	0,074	FALSE
0,037	0,296	0,001	0,011	0,045	FALSE
-0,028	0,304	0,000	0,008	0,011	FALSE
0,037	0,307	0,003	0,012	0,082	FALSE
0,120	0,308	0,004	0,011	0,154	FALSE
0,118	0,296	0,003	0,007	0,194	FALSE
-0,022	0,308	-0,001	0,010	0,036	FALSE
-0,031	0,298	-0,001	0,012	0,035	FALSE
-0,074	0,310	-0,002	0,011	0,086	FALSE

0,081	0,305	0,002	0,007	0,083	FALSE
-0,055	0,308	-0,001	0,008	0,064	FALSE
0,101	0,308	0,004	0,010	0,143	FALSE
-0,052	0,305	-0,002	0,008	0,095	FALSE
-0,008	0,306	0,000	0,009	0,008	FALSE
-0,014	0,335	0,000	0,011	0,010	FALSE
0,041	0,310	0,001	0,008	0,024	FALSE
0,037	0,303	0,001	0,009	0,048	FALSE
0,045	0,298	0,001	0,007	0,048	FALSE
0,069	0,300	0,002	0,012	0,052	FALSE
0,052	0,296	0,002	0,012	0,047	FALSE
-0,117	0,306	-0,005	0,013	0,165	FALSE
0,008	0,307	0,000	0,012	0,011	FALSE
0,058	0,305	0,002	0,012	0,065	FALSE
0,033	0,301	0,000	0,011	0,011	FALSE
0,008	0,302	0,001	0,007	0,024	FALSE
0,004	0,302	0,000	0,008	0,019	FALSE
0,044	0,304	0,002	0,008	0,076	FALSE
0,020	0,294	0,001	0,008	0,055	FALSE
0,027	0,305	0,001	0,008	0,057	FALSE
0,010	0,314	0,000	0,011	0,002	FALSE
0,010	0,316	0,000	0,007	0,019	FALSE
-0,179	0,305	-0,007	0,012	0,229	FALSE
-0,132	0,319	-0,003	0,008	0,175	FALSE
-0,058	0,305	-0,001	0,007	0,064	FALSE
0,196	0,305	0,009	0,013	0,295	FALSE
0,158	0,308	0,006	0,012	0,212	FALSE
0,126	0,303	0,002	0,006	0,137	FALSE
0,109	0,294	0,003	0,008	0,144	FALSE
0,071	0,296	0,002	0,007	0,099	FALSE
0,115	0,292	0,004	0,010	0,146	FALSE
-0,145	0,309	-0,003	0,007	0,193	FALSE
-0,095	0,309	-0,002	0,007	0,112	FALSE
0,013	0,312	0,000	0,006	0,007	FALSE
-0,007	0,308	-0,001	0,011	0,029	FALSE
0,076	0,291	0,003	0,012	0,112	FALSE
-0,038	0,312	-0,001	0,009	0,036	FALSE
0,003	0,305	0,000	0,009	0,017	FALSE
-0,004	0,304	0,000	0,010	0,017	FALSE
-0,038	0,301	-0,002	0,009	0,082	FALSE
-0,050	0,320	-0,001	0,011	0,040	FALSE
-0,036	0,306	-0,001	0,010	0,023	FALSE
-0,073	0,309	-0,003	0,011	0,108	FALSE
-0,003	0,306	0,001	0,012	0,024	FALSE
-0,095	0,302	-0,004	0,011	0,129	FALSE
-0,057	0,305	-0,003	0,012	0,077	FALSE
0,003	0,316	0,000	0,011	0,001	FALSE
-0,033	0,302	-0,001	0,011	0,046	FALSE
0,043	0,311	0,001	0,008	0,043	FALSE
0,074	0,303	0,003	0,012	0,107	FALSE
0,076	0,293	0,003	0,011	0,113	FALSE
-0,081	0,296	-0,001	0,007	0,075	FALSE
-0,083	0,300	-0,001	0,006	0,076	FALSE

-0,084	0,301	-0,002	0,007	0,088	FALSE
0,105	0,304	0,004	0,011	0,136	FALSE
0,079	0,306	0,003	0,012	0,110	FALSE
-0,081	0,301	-0,001	0,007	0,071	FALSE
0,076	0,315	0,003	0,012	0,103	FALSE
0,058	0,312	0,001	0,008	0,057	FALSE
0,052	0,324	0,001	0,008	0,061	FALSE
0,048	0,299	0,002	0,010	0,075	FALSE
0,017	0,297	0,001	0,013	0,019	FALSE
0,030	0,298	0,000	0,011	0,013	FALSE
0,023	0,310	0,000	0,012	0,014	FALSE
0,045	0,295	0,001	0,011	0,043	FALSE
0,046	0,297	0,001	0,011	0,037	FALSE
0,066	0,296	0,001	0,006	0,056	FALSE
0,084	0,309	0,001	0,006	0,078	FALSE
0,118	0,310	0,004	0,010	0,151	FALSE
0,124	0,292	0,004	0,007	0,228	FALSE
-0,153	0,319	-0,005	0,010	0,220	FALSE
0,157	0,282	0,006	0,010	0,285	FALSE
-0,124	0,309	-0,002	0,006	0,148	FALSE
0,055	0,311	0,002	0,007	0,080	FALSE
0,090	0,306	0,003	0,007	0,159	FALSE
0,063	0,309	0,001	0,006	0,073	FALSE
0,062	0,312	0,002	0,008	0,115	FALSE
0,019	0,309	0,000	0,006	0,007	FALSE
-0,085	0,310	-0,003	0,009	0,115	FALSE
-0,060	0,295	-0,002	0,009	0,098	FALSE
-0,011	0,299	-0,001	0,010	0,026	FALSE
-0,013	0,305	0,000	0,010	0,016	FALSE
-0,046	0,292	-0,002	0,010	0,068	FALSE
-0,043	0,301	-0,001	0,010	0,056	FALSE
-0,056	0,310	-0,002	0,010	0,073	FALSE
0,023	0,319	0,000	0,011	0,012	FALSE
-0,171	0,294	-0,004	0,008	0,247	FALSE
0,015	0,303	0,001	0,010	0,019	FALSE
-0,044	0,317	-0,001	0,010	0,046	FALSE
-0,047	0,305	-0,002	0,011	0,066	FALSE
-0,065	0,322	-0,002	0,011	0,077	FALSE
-0,030	0,321	-0,001	0,008	0,037	FALSE
-0,028	0,301	-0,001	0,008	0,042	FALSE
0,063	0,307	0,002	0,007	0,108	FALSE
-0,038	0,316	-0,001	0,007	0,046	FALSE
0,101	0,303	0,003	0,008	0,158	FALSE
-0,049	0,320	-0,001	0,007	0,066	FALSE
-0,162	0,308	-0,006	0,011	0,210	FALSE
-0,061	0,308	-0,001	0,007	0,076	FALSE
0,055	0,325	0,002	0,012	0,049	FALSE
0,026	0,304	0,001	0,008	0,047	FALSE
0,139	0,299	0,006	0,011	0,239	FALSE
0,057	0,314	0,002	0,007	0,098	FALSE
0,059	0,309	0,002	0,008	0,097	FALSE
-0,058	0,297	-0,002	0,009	0,091	FALSE
0,021	0,299	0,000	0,010	0,007	FALSE

0,025	0,296	0,000	0,009	0,006	FALSE
-0,049	0,301	-0,002	0,012	0,059	FALSE
-0,107	0,290	-0,004	0,012	0,150	FALSE
0,070	0,307	0,002	0,010	0,058	FALSE
0,087	0,299	0,003	0,011	0,089	FALSE
-0,209	0,298	-0,008	0,011	0,330	FALSE
-0,077	0,301	-0,002	0,007	0,106	FALSE
-0,052	0,300	-0,001	0,010	0,047	FALSE
0,113	0,302	0,003	0,008	0,165	FALSE
0,074	0,283	0,002	0,010	0,082	FALSE
-0,019	0,311	-0,001	0,008	0,028	FALSE
0,144	0,312	0,006	0,013	0,190	FALSE
-0,090	0,306	-0,003	0,008	0,146	FALSE
-0,075	0,324	-0,001	0,011	0,043	FALSE
0,078	0,297	0,001	0,006	0,074	FALSE
0,064	0,300	0,002	0,008	0,074	FALSE
-0,061	0,296	-0,001	0,006	0,030	FALSE
-0,061	0,298	-0,001	0,006	0,040	FALSE
0,021	0,305	0,001	0,007	0,060	FALSE
-0,153	0,291	-0,005	0,008	0,244	FALSE
-0,013	0,311	0,000	0,007	0,014	FALSE
-0,015	0,293	-0,001	0,012	0,025	FALSE
-0,059	0,312	-0,002	0,009	0,068	FALSE
0,112	0,302	0,002	0,007	0,131	FALSE
0,038	0,303	0,001	0,012	0,040	FALSE
-0,084	0,289	-0,002	0,008	0,119	FALSE
0,056	0,314	0,002	0,013	0,044	FALSE
-0,003	0,315	0,000	0,009	0,007	FALSE
0,041	0,305	0,001	0,008	0,049	FALSE
-0,032	0,307	-0,001	0,008	0,060	FALSE
-0,171	0,295	-0,008	0,013	0,291	FALSE
-0,114	0,309	-0,004	0,009	0,174	FALSE
-0,067	0,313	-0,003	0,012	0,089	FALSE
-0,009	0,321	0,000	0,010	0,011	FALSE
-0,031	0,304	-0,001	0,011	0,030	FALSE
0,077	0,305	0,002	0,009	0,087	FALSE
0,052	0,309	0,002	0,009	0,067	FALSE
-0,079	0,301	-0,003	0,009	0,124	FALSE
0,029	0,314	0,000	0,012	0,012	FALSE
-0,020	0,316	0,000	0,011	0,013	FALSE
-0,033	0,317	-0,001	0,010	0,051	FALSE
0,027	0,300	0,001	0,008	0,049	FALSE
0,063	0,320	0,002	0,009	0,097	FALSE
-0,043	0,309	-0,002	0,010	0,069	FALSE
-0,019	0,319	-0,001	0,011	0,027	FALSE
-0,027	0,312	-0,001	0,009	0,040	FALSE
0,050	0,308	0,001	0,006	0,057	FALSE
-0,007	0,324	0,000	0,012	0,003	FALSE
0,003	0,312	0,000	0,007	0,011	FALSE
0,099	0,307	0,003	0,012	0,105	FALSE
0,038	0,311	0,001	0,008	0,063	FALSE
-0,103	0,291	-0,004	0,012	0,153	FALSE
-0,105	0,295	-0,005	0,012	0,161	FALSE

-0,136	0,308	-0,005	0,011	0,202	FALSE
0,006	0,307	0,001	0,010	0,039	FALSE
-0,138	0,300	-0,004	0,008	0,194	FALSE
-0,007	0,304	0,000	0,012	0,014	FALSE
0,111	0,316	0,004	0,012	0,111	FALSE
-0,041	0,316	-0,001	0,007	0,046	FALSE
-0,039	0,306	-0,001	0,009	0,034	FALSE
-0,186	0,300	-0,006	0,010	0,283	FALSE
-0,173	0,302	-0,006	0,010	0,260	FALSE
-0,153	0,294	-0,005	0,010	0,227	FALSE
-0,149	0,299	-0,004	0,008	0,240	FALSE
-0,035	0,308	-0,001	0,008	0,046	FALSE
-0,025	0,304	0,000	0,012	0,006	FALSE
-0,040	0,309	-0,003	0,012	0,086	FALSE
0,131	0,287	0,003	0,007	0,153	FALSE
-0,009	0,309	0,000	0,012	0,006	FALSE
-0,006	0,306	-0,001	0,012	0,027	FALSE
-0,070	0,314	-0,002	0,008	0,074	FALSE
-0,008	0,309	0,000	0,006	0,001	FALSE
0,066	0,297	0,002	0,012	0,057	FALSE
0,066	0,298	0,004	0,012	0,118	FALSE
0,081	0,295	0,004	0,012	0,140	FALSE
-0,081	0,298	-0,003	0,012	0,115	FALSE
-0,028	0,312	-0,001	0,012	0,022	FALSE
-0,069	0,295	-0,003	0,010	0,095	FALSE
-0,069	0,298	-0,003	0,010	0,100	FALSE
-0,076	0,301	-0,003	0,011	0,101	FALSE
0,003	0,310	0,001	0,008	0,030	FALSE
-0,095	0,304	-0,003	0,009	0,120	FALSE
-0,006	0,312	-0,001	0,009	0,029	FALSE
0,148	0,298	0,003	0,007	0,195	FALSE
0,110	0,298	0,003	0,008	0,148	FALSE
0,071	0,299	0,002	0,011	0,056	FALSE
0,044	0,321	0,002	0,012	0,065	FALSE
0,022	0,303	0,001	0,011	0,032	FALSE
0,101	0,287	0,002	0,006	0,104	FALSE
0,019	0,303	0,001	0,011	0,030	FALSE
-0,037	0,309	-0,001	0,009	0,048	FALSE
0,106	0,306	0,005	0,012	0,148	FALSE
-0,179	0,283	-0,004	0,006	0,233	FALSE
-0,031	0,316	-0,003	0,013	0,075	FALSE
-0,123	0,306	-0,004	0,010	0,145	FALSE
0,003	0,299	-0,001	0,012	0,046	FALSE
-0,102	0,306	-0,003	0,010	0,097	FALSE
-0,079	0,314	-0,002	0,010	0,084	FALSE
-0,075	0,311	-0,003	0,013	0,099	FALSE
0,027	0,317	0,001	0,012	0,020	FALSE
0,071	0,311	0,002	0,009	0,089	FALSE
0,119	0,311	0,004	0,010	0,168	FALSE
-0,030	0,305	0,000	0,008	0,012	FALSE
-0,022	0,315	0,000	0,012	0,012	FALSE
0,233	0,300	0,009	0,012	0,333	FALSE
0,037	0,308	0,001	0,009	0,039	FALSE

-0,146	0,304	-0,005	0,012	0,183	FALSE
-0,047	0,308	-0,002	0,012	0,044	FALSE
0,059	0,303	0,001	0,008	0,058	FALSE
-0,141	0,320	-0,002	0,007	0,149	FALSE
-0,096	0,315	-0,001	0,006	0,086	FALSE
-0,006	0,309	0,000	0,012	0,009	FALSE
-0,093	0,305	-0,002	0,006	0,102	FALSE
-0,103	0,295	-0,002	0,007	0,137	FALSE
-0,091	0,314	-0,002	0,007	0,107	FALSE
-0,053	0,319	-0,001	0,007	0,050	FALSE
-0,060	0,309	-0,002	0,012	0,076	FALSE
-0,076	0,305	-0,002	0,007	0,090	FALSE
-0,065	0,293	-0,002	0,007	0,085	FALSE
-0,060	0,320	-0,002	0,007	0,079	FALSE
-0,093	0,319	-0,003	0,011	0,106	FALSE
-0,068	0,316	-0,003	0,009	0,118	FALSE
-0,101	0,298	-0,004	0,013	0,129	FALSE
-0,082	0,324	-0,002	0,008	0,119	FALSE
-0,070	0,305	-0,002	0,007	0,118	FALSE
0,099	0,311	0,004	0,010	0,147	FALSE
0,125	0,303	0,005	0,012	0,156	FALSE
-0,071	0,309	-0,003	0,012	0,084	FALSE
-0,127	0,302	-0,005	0,012	0,167	FALSE
-0,061	0,323	-0,003	0,011	0,092	FALSE
0,112	0,307	0,005	0,010	0,187	FALSE
0,101	0,292	0,005	0,011	0,189	FALSE
-0,093	0,302	-0,003	0,010	0,123	FALSE
-0,051	0,323	-0,002	0,007	0,095	FALSE
0,103	0,304	0,002	0,006	0,124	FALSE
-0,137	0,307	-0,004	0,009	0,192	FALSE
0,072	0,322	0,002	0,007	0,102	FALSE
-0,124	0,300	-0,004	0,011	0,166	FALSE
0,037	0,319	0,000	0,008	0,019	FALSE
0,173	0,285	0,004	0,006	0,301	FALSE
0,115	0,304	0,003	0,010	0,133	FALSE
-0,084	0,289	-0,003	0,008	0,144	FALSE
-0,025	0,289	-0,001	0,009	0,044	FALSE
-0,052	0,307	-0,001	0,008	0,071	FALSE
0,089	0,306	0,004	0,009	0,171	FALSE
0,100	0,297	0,003	0,007	0,165	FALSE
-0,179	0,306	-0,005	0,009	0,234	FALSE
-0,108	0,295	-0,002	0,007	0,130	FALSE
-0,003	0,321	0,000	0,011	0,010	FALSE
0,039	0,301	0,001	0,006	0,066	FALSE
0,089	0,307	0,002	0,010	0,092	FALSE
-0,130	0,289	-0,003	0,008	0,161	FALSE
-0,074	0,308	-0,002	0,008	0,092	FALSE
-0,014	0,301	-0,001	0,007	0,029	FALSE
0,077	0,304	0,003	0,010	0,123	FALSE
-0,041	0,299	-0,001	0,009	0,061	FALSE
-0,028	0,321	-0,001	0,007	0,038	FALSE
-0,062	0,321	-0,002	0,007	0,076	FALSE
0,077	0,322	0,001	0,007	0,074	FALSE

0,045	0,310	0,001	0,007	0,028	FALSE
0,056	0,300	0,002	0,006	0,108	FALSE
-0,132	0,303	-0,005	0,012	0,188	FALSE
-0,047	0,305	-0,001	0,008	0,031	FALSE
-0,069	0,310	-0,001	0,007	0,050	FALSE
-0,021	0,306	-0,001	0,008	0,031	FALSE
-0,019	0,319	0,000	0,009	0,020	FALSE
0,017	0,307	0,000	0,007	0,024	FALSE
-0,031	0,309	-0,001	0,007	0,052	FALSE
-0,010	0,298	-0,001	0,006	0,039	FALSE
0,182	0,298	0,006	0,011	0,233	FALSE
0,182	0,298	0,005	0,008	0,246	FALSE
0,099	0,315	0,003	0,008	0,158	FALSE
0,037	0,310	0,001	0,008	0,052	FALSE
-0,111	0,303	-0,003	0,011	0,106	FALSE
0,106	0,296	0,003	0,010	0,106	FALSE
0,114	0,288	0,003	0,008	0,132	FALSE
0,003	0,304	0,001	0,011	0,031	FALSE
0,137	0,312	0,006	0,012	0,189	FALSE
0,045	0,309	0,002	0,013	0,059	FALSE
0,167	0,287	0,005	0,008	0,271	FALSE
-0,107	0,292	-0,003	0,008	0,173	FALSE
0,082	0,321	0,002	0,007	0,097	FALSE
0,071	0,314	0,003	0,011	0,096	FALSE
0,065	0,311	0,002	0,012	0,075	FALSE
0,054	0,300	0,002	0,011	0,057	FALSE
-0,072	0,303	-0,003	0,010	0,105	FALSE
-0,004	0,302	0,000	0,008	0,005	FALSE
-0,045	0,294	-0,001	0,007	0,079	FALSE
0,171	0,299	0,006	0,011	0,249	FALSE
0,146	0,309	0,006	0,011	0,214	FALSE
-0,029	0,304	-0,001	0,009	0,033	FALSE
0,139	0,321	0,004	0,008	0,199	FALSE
-0,024	0,304	-0,001	0,008	0,040	FALSE
-0,021	0,323	0,000	0,012	0,007	FALSE
0,032	0,314	0,000	0,008	0,019	FALSE
-0,118	0,304	-0,003	0,007	0,150	FALSE
0,041	0,319	0,002	0,012	0,068	FALSE
-0,143	0,293	-0,006	0,012	0,204	FALSE
-0,104	0,306	-0,003	0,007	0,152	FALSE
-0,138	0,297	-0,005	0,012	0,170	FALSE
-0,011	0,302	0,000	0,008	0,004	FALSE
-0,064	0,290	-0,004	0,013	0,138	FALSE
-0,155	0,289	-0,004	0,007	0,223	FALSE
-0,087	0,298	-0,003	0,009	0,112	FALSE
-0,112	0,313	-0,004	0,011	0,143	FALSE
0,026	0,326	0,001	0,013	0,014	FALSE
0,111	0,315	0,004	0,013	0,118	FALSE
0,087	0,308	0,003	0,013	0,100	FALSE
0,048	0,300	0,002	0,010	0,068	FALSE
0,077	0,313	0,002	0,010	0,093	FALSE
0,007	0,327	0,001	0,013	0,017	FALSE
-0,083	0,300	-0,004	0,010	0,139	FALSE

-0,016	0,312	0,000	0,007	0,006	FALSE
0,058	0,317	0,002	0,010	0,089	FALSE
-0,026	0,311	-0,001	0,008	0,036	FALSE
-0,031	0,307	-0,002	0,009	0,063	FALSE
0,013	0,306	0,000	0,010	0,007	FALSE
0,014	0,313	0,000	0,009	0,016	FALSE
-0,114	0,306	-0,003	0,009	0,126	FALSE
-0,035	0,309	-0,001	0,009	0,025	FALSE
-0,128	0,300	-0,003	0,006	0,180	FALSE
0,022	0,303	0,000	0,006	0,020	FALSE
0,069	0,313	0,002	0,007	0,091	FALSE
0,078	0,303	0,004	0,013	0,116	FALSE
-0,019	0,323	0,000	0,008	0,018	FALSE
-0,038	0,314	-0,001	0,009	0,048	FALSE
0,014	0,309	0,000	0,008	0,022	FALSE
0,055	0,327	0,001	0,008	0,058	FALSE
-0,048	0,292	-0,001	0,012	0,035	FALSE
-0,034	0,298	-0,001	0,012	0,019	FALSE
0,009	0,311	0,000	0,013	0,011	FALSE
0,041	0,301	0,000	0,008	0,015	FALSE
-0,003	0,303	-0,001	0,009	0,020	FALSE
0,044	0,304	0,002	0,011	0,069	FALSE
0,018	0,301	0,001	0,009	0,049	FALSE
0,106	0,305	0,004	0,012	0,137	FALSE
0,036	0,306	0,001	0,013	0,033	FALSE
-0,110	0,319	-0,004	0,010	0,137	FALSE
-0,081	0,310	-0,002	0,009	0,094	FALSE
-0,110	0,300	-0,003	0,010	0,141	FALSE
-0,042	0,300	-0,001	0,010	0,024	FALSE
-0,007	0,315	-0,001	0,009	0,025	FALSE
0,023	0,303	0,002	0,012	0,060	FALSE
0,062	0,314	0,002	0,009	0,071	FALSE
-0,078	0,297	-0,002	0,008	0,119	FALSE
-0,038	0,316	-0,002	0,012	0,068	FALSE
0,068	0,283	0,002	0,012	0,069	FALSE
0,033	0,299	0,003	0,012	0,081	FALSE
0,091	0,306	0,002	0,009	0,094	FALSE
-0,020	0,311	0,000	0,011	0,007	FALSE
0,028	0,313	0,001	0,011	0,040	FALSE
-0,088	0,299	-0,003	0,010	0,115	FALSE
-0,100	0,314	-0,002	0,008	0,103	FALSE
-0,036	0,301	-0,002	0,007	0,093	FALSE
-0,065	0,302	-0,002	0,007	0,127	FALSE
-0,059	0,303	-0,003	0,011	0,108	FALSE
-0,032	0,320	-0,001	0,010	0,040	FALSE
-0,059	0,316	-0,001	0,007	0,056	FALSE
-0,052	0,303	-0,002	0,012	0,062	FALSE
-0,011	0,314	0,000	0,012	0,002	FALSE
-0,023	0,310	-0,001	0,012	0,026	FALSE
0,023	0,284	0,001	0,009	0,050	FALSE
-0,041	0,297	-0,001	0,010	0,031	FALSE
-0,025	0,318	-0,001	0,008	0,038	FALSE
0,054	0,321	0,001	0,013	0,038	FALSE

-0,029	0,321	-0,001	0,008	0,033	FALSE
-0,044	0,307	-0,001	0,009	0,053	FALSE
0,115	0,302	0,005	0,012	0,161	FALSE
0,033	0,310	0,002	0,012	0,060	FALSE
-0,024	0,298	-0,002	0,012	0,063	FALSE
0,078	0,312	0,001	0,007	0,081	FALSE
-0,115	0,304	-0,005	0,013	0,161	FALSE
0,070	0,313	0,002	0,007	0,087	FALSE
0,086	0,318	0,002	0,006	0,096	FALSE
0,068	0,301	0,001	0,006	0,074	FALSE
-0,003	0,301	0,000	0,011	0,016	FALSE
-0,007	0,307	0,000	0,009	0,003	FALSE
-0,012	0,307	-0,001	0,012	0,021	FALSE
0,076	0,300	0,002	0,010	0,069	FALSE
0,026	0,318	0,000	0,013	0,007	FALSE
0,000	0,329	-0,001	0,013	0,021	FALSE
-0,029	0,317	-0,001	0,007	0,079	FALSE
-0,064	0,314	-0,003	0,012	0,090	FALSE
-0,002	0,315	-0,001	0,013	0,032	FALSE
0,061	0,318	0,001	0,006	0,046	FALSE
0,031	0,291	0,001	0,008	0,026	FALSE
-0,059	0,311	-0,002	0,011	0,085	FALSE
0,135	0,303	0,004	0,011	0,156	FALSE
0,086	0,301	0,004	0,011	0,127	FALSE
0,010	0,297	0,000	0,010	0,008	FALSE
0,049	0,301	0,002	0,008	0,080	FALSE
0,043	0,317	0,001	0,010	0,043	FALSE
0,055	0,306	0,002	0,011	0,067	FALSE
0,012	0,326	0,000	0,010	0,003	FALSE
0,025	0,318	0,002	0,011	0,053	FALSE
-0,086	0,302	-0,003	0,010	0,111	FALSE
0,001	0,299	0,000	0,009	0,001	FALSE
-0,002	0,288	0,000	0,008	0,008	FALSE
0,101	0,319	0,002	0,007	0,140	FALSE
-0,082	0,309	-0,002	0,007	0,126	FALSE
-0,036	0,318	-0,001	0,011	0,042	FALSE
0,081	0,296	0,003	0,008	0,134	FALSE
0,009	0,309	0,000	0,009	0,016	FALSE
-0,067	0,304	-0,002	0,009	0,085	FALSE
0,095	0,305	0,002	0,006	0,119	FALSE
0,065	0,297	0,003	0,012	0,099	FALSE
-0,008	0,310	0,000	0,007	0,010	FALSE
-0,144	0,310	-0,005	0,011	0,169	FALSE
0,018	0,309	0,001	0,006	0,039	FALSE
-0,062	0,300	-0,002	0,008	0,092	FALSE
-0,076	0,310	-0,002	0,008	0,124	FALSE
-0,087	0,315	-0,002	0,008	0,097	FALSE
0,102	0,299	0,003	0,009	0,138	FALSE
0,106	0,300	0,004	0,009	0,168	FALSE
0,102	0,295	0,004	0,009	0,158	FALSE
-0,116	0,313	-0,005	0,011	0,183	FALSE
-0,104	0,305	-0,004	0,010	0,173	FALSE
-0,009	0,294	0,000	0,007	0,024	FALSE

-0,076	0,305	-0,002	0,006	0,100	FALSE
-0,051	0,302	-0,001	0,007	0,075	FALSE
-0,024	0,307	-0,001	0,012	0,036	FALSE
0,061	0,305	0,003	0,010	0,099	FALSE
0,133	0,309	0,004	0,008	0,218	FALSE
0,131	0,288	0,004	0,007	0,244	FALSE
-0,010	0,316	0,000	0,008	0,006	FALSE
-0,123	0,305	-0,004	0,012	0,151	FALSE
0,034	0,299	0,001	0,011	0,025	FALSE
-0,062	0,313	-0,002	0,008	0,097	FALSE
-0,038	0,307	-0,001	0,011	0,045	FALSE
-0,004	0,314	0,001	0,011	0,019	FALSE
0,087	0,295	0,003	0,011	0,108	FALSE
0,120	0,307	0,002	0,007	0,135	FALSE
-0,011	0,307	-0,001	0,007	0,035	FALSE
0,072	0,293	0,004	0,012	0,114	FALSE
0,003	0,302	0,001	0,006	0,033	FALSE
0,071	0,302	0,002	0,007	0,140	FALSE
0,100	0,304	0,003	0,009	0,110	FALSE
0,124	0,299	0,004	0,010	0,166	FALSE
-0,059	0,307	-0,001	0,007	0,058	FALSE
0,043	0,319	0,001	0,010	0,033	FALSE
0,086	0,303	0,003	0,011	0,098	FALSE
-0,070	0,302	-0,002	0,011	0,069	FALSE
0,003	0,302	0,001	0,007	0,027	FALSE
0,127	0,303	0,004	0,011	0,169	FALSE
-0,058	0,293	-0,003	0,011	0,091	FALSE
0,092	0,314	0,003	0,012	0,089	FALSE
0,080	0,311	0,002	0,007	0,120	FALSE
0,083	0,295	0,002	0,007	0,129	FALSE
-0,019	0,305	-0,001	0,007	0,029	FALSE
0,169	0,308	0,005	0,009	0,227	FALSE
0,081	0,302	0,004	0,011	0,125	FALSE
0,054	0,312	0,003	0,012	0,084	FALSE
0,029	0,325	0,002	0,012	0,052	FALSE
0,055	0,304	0,001	0,011	0,041	FALSE
-0,007	0,304	-0,001	0,010	0,032	FALSE
0,022	0,308	0,001	0,009	0,028	FALSE
0,080	0,313	0,002	0,007	0,115	FALSE
-0,003	0,301	0,000	0,007	0,002	FALSE
-0,081	0,301	-0,002	0,012	0,078	FALSE
-0,078	0,313	-0,002	0,008	0,084	FALSE
0,023	0,294	0,002	0,009	0,065	FALSE
-0,109	0,298	-0,003	0,009	0,130	FALSE
-0,003	0,305	0,000	0,009	0,009	FALSE
-0,007	0,304	-0,002	0,012	0,066	FALSE
-0,001	0,310	0,001	0,008	0,033	FALSE
0,065	0,298	0,002	0,012	0,048	FALSE
0,017	0,313	0,000	0,012	0,002	FALSE
-0,092	0,300	-0,002	0,007	0,121	FALSE
0,004	0,300	0,000	0,011	0,001	FALSE
-0,002	0,320	-0,001	0,013	0,016	FALSE
-0,073	0,303	-0,001	0,007	0,047	FALSE

0,004	0,306	0,000	0,011	0,012	FALSE
0,077	0,314	0,003	0,012	0,099	FALSE
0,021	0,310	0,001	0,012	0,025	FALSE
-0,018	0,321	0,000	0,007	0,024	FALSE
-0,064	0,314	-0,003	0,011	0,105	FALSE
-0,032	0,305	-0,001	0,008	0,059	FALSE
-0,079	0,296	-0,003	0,012	0,089	FALSE
0,043	0,320	0,001	0,011	0,032	FALSE
-0,043	0,307	-0,001	0,008	0,057	FALSE
-0,050	0,302	-0,001	0,008	0,070	FALSE
-0,016	0,316	0,000	0,013	0,009	FALSE
0,061	0,296	0,001	0,007	0,051	FALSE
-0,109	0,295	-0,004	0,010	0,150	FALSE
-0,029	0,306	-0,001	0,009	0,051	FALSE
0,018	0,306	0,000	0,008	0,015	FALSE
0,038	0,306	0,001	0,007	0,037	FALSE
-0,048	0,299	-0,001	0,011	0,043	FALSE
-0,021	0,307	-0,001	0,009	0,033	FALSE
0,093	0,303	0,002	0,006	0,109	FALSE
-0,022	0,306	0,000	0,011	0,013	FALSE
-0,195	0,298	-0,007	0,012	0,269	FALSE
0,202	0,308	0,006	0,008	0,316	FALSE
0,113	0,313	0,004	0,013	0,119	FALSE
0,007	0,310	0,000	0,010	0,009	FALSE
0,087	0,297	0,003	0,008	0,133	FALSE
0,094	0,310	0,002	0,006	0,103	FALSE
0,008	0,306	0,000	0,006	0,018	FALSE
0,122	0,314	0,004	0,012	0,144	FALSE
0,043	0,312	0,002	0,008	0,079	FALSE
0,058	0,295	0,002	0,007	0,102	FALSE
0,001	0,311	0,000	0,007	0,006	FALSE
-0,041	0,302	-0,001	0,007	0,031	FALSE
-0,029	0,323	-0,001	0,010	0,033	FALSE
-0,047	0,310	-0,002	0,011	0,077	FALSE
0,011	0,308	0,001	0,010	0,029	FALSE
-0,005	0,306	0,000	0,007	0,021	FALSE
-0,009	0,305	0,000	0,010	0,015	FALSE
0,055	0,304	0,002	0,009	0,074	FALSE
0,026	0,319	0,001	0,010	0,046	FALSE
-0,016	0,318	0,000	0,012	0,001	FALSE
-0,101	0,294	-0,005	0,012	0,161	FALSE
0,200	0,301	0,006	0,008	0,310	FALSE
-0,126	0,312	-0,003	0,008	0,164	FALSE
-0,153	0,300	-0,005	0,009	0,206	FALSE
0,045	0,309	0,002	0,010	0,067	FALSE
0,051	0,296	0,002	0,007	0,121	FALSE
0,035	0,317	0,002	0,011	0,060	FALSE
-0,016	0,311	-0,001	0,006	0,034	FALSE
0,018	0,319	0,001	0,008	0,024	FALSE
0,011	0,302	0,001	0,009	0,029	FALSE
-0,030	0,306	-0,001	0,008	0,041	FALSE
-0,047	0,306	-0,001	0,008	0,049	FALSE
-0,123	0,296	-0,004	0,008	0,206	FALSE

-0,037	0,309	-0,001	0,009	0,049	FALSE
0,062	0,303	0,002	0,009	0,081	FALSE
-0,021	0,294	-0,002	0,012	0,060	FALSE
0,063	0,307	0,002	0,011	0,077	FALSE
0,065	0,299	0,002	0,007	0,149	FALSE
0,013	0,304	0,001	0,013	0,036	FALSE
-0,047	0,300	-0,001	0,013	0,032	FALSE
0,008	0,294	-0,001	0,011	0,033	FALSE
0,104	0,304	0,003	0,009	0,136	FALSE
0,010	0,306	0,001	0,012	0,043	FALSE
-0,013	0,300	-0,001	0,008	0,058	FALSE
-0,100	0,302	-0,002	0,007	0,115	FALSE
-0,033	0,298	-0,001	0,010	0,026	FALSE
-0,007	0,326	0,000	0,009	0,014	FALSE
0,019	0,328	0,000	0,010	0,015	FALSE
-0,248	0,307	-0,010	0,013	0,389	FALSE
-0,015	0,312	-0,001	0,012	0,036	FALSE
-0,099	0,311	-0,002	0,007	0,126	FALSE
-0,012	0,309	-0,001	0,012	0,029	FALSE
0,011	0,294	0,000	0,012	0,006	FALSE
-0,066	0,305	-0,001	0,006	0,049	FALSE
-0,102	0,309	-0,002	0,007	0,132	FALSE
-0,135	0,311	-0,005	0,010	0,191	FALSE
-0,136	0,296	-0,005	0,012	0,155	FALSE
0,046	0,301	0,002	0,013	0,068	FALSE
0,020	0,291	0,000	0,009	0,014	FALSE
0,129	0,286	0,003	0,006	0,227	FALSE
0,083	0,316	0,002	0,009	0,099	FALSE
-0,027	0,302	-0,001	0,008	0,037	FALSE
0,009	0,308	0,001	0,009	0,041	FALSE
-0,099	0,306	-0,002	0,009	0,102	FALSE
-0,087	0,314	-0,002	0,009	0,096	FALSE
0,085	0,308	0,002	0,007	0,108	FALSE
0,027	0,299	0,001	0,007	0,044	FALSE
0,009	0,321	0,000	0,008	0,012	FALSE
-0,026	0,315	-0,001	0,008	0,033	FALSE
-0,009	0,310	0,000	0,011	0,002	FALSE
0,015	0,295	0,000	0,009	0,017	FALSE
-0,029	0,297	-0,001	0,009	0,035	FALSE
-0,049	0,307	-0,002	0,012	0,077	FALSE
-0,030	0,298	-0,002	0,008	0,077	FALSE
0,049	0,313	0,001	0,006	0,067	FALSE
0,066	0,307	0,002	0,008	0,094	FALSE
-0,127	0,291	-0,005	0,012	0,155	FALSE
-0,017	0,316	-0,001	0,009	0,030	FALSE
-0,061	0,303	-0,002	0,009	0,083	FALSE
-0,039	0,301	-0,001	0,009	0,041	FALSE
-0,048	0,301	-0,001	0,009	0,063	FALSE
-0,047	0,307	-0,001	0,009	0,055	FALSE
-0,049	0,299	-0,001	0,009	0,055	FALSE
-0,057	0,312	-0,001	0,009	0,059	FALSE
0,020	0,320	0,001	0,007	0,030	FALSE
-0,028	0,284	-0,001	0,007	0,043	FALSE

0,058	0,307	0,002	0,008	0,080	FALSE
-0,013	0,305	-0,001	0,007	0,032	FALSE
0,000	0,313	0,001	0,007	0,029	FALSE
0,013	0,308	0,001	0,011	0,041	FALSE
0,060	0,313	0,002	0,012	0,066	FALSE
0,037	0,320	0,002	0,010	0,068	FALSE
0,019	0,300	0,001	0,010	0,027	FALSE
-0,058	0,319	-0,001	0,007	0,067	FALSE
0,078	0,309	0,003	0,011	0,087	FALSE
0,048	0,308	0,001	0,011	0,044	FALSE
0,059	0,310	0,002	0,010	0,076	FALSE
-0,039	0,303	-0,001	0,009	0,033	FALSE
-0,018	0,296	0,000	0,011	0,013	FALSE
-0,059	0,301	-0,002	0,010	0,066	FALSE
0,075	0,308	0,002	0,008	0,090	FALSE
-0,083	0,322	-0,003	0,010	0,104	FALSE
0,089	0,302	0,003	0,009	0,152	FALSE
-0,014	0,309	0,000	0,007	0,025	FALSE
-0,055	0,298	-0,001	0,008	0,059	FALSE
0,116	0,300	0,003	0,008	0,145	FALSE
0,117	0,302	0,003	0,007	0,169	FALSE
0,100	0,311	0,003	0,007	0,154	FALSE
0,034	0,310	0,001	0,007	0,051	FALSE
0,131	0,302	0,004	0,010	0,175	FALSE
-0,022	0,296	0,000	0,008	0,019	FALSE
0,009	0,303	0,000	0,010	0,008	FALSE
-0,104	0,315	-0,005	0,013	0,147	FALSE
-0,091	0,286	-0,004	0,011	0,140	FALSE
-0,098	0,310	-0,004	0,012	0,129	FALSE
-0,089	0,309	-0,004	0,011	0,140	FALSE
-0,099	0,304	-0,002	0,006	0,108	FALSE
0,067	0,321	0,002	0,008	0,086	FALSE
0,121	0,305	0,003	0,008	0,158	FALSE
0,119	0,304	0,004	0,013	0,119	FALSE
0,006	0,295	0,000	0,012	0,007	FALSE
-0,029	0,304	-0,001	0,008	0,029	FALSE
0,105	0,308	0,003	0,011	0,105	FALSE
-0,201	0,302	-0,008	0,011	0,332	FALSE
0,064	0,309	0,002	0,012	0,072	FALSE
-0,175	0,297	-0,005	0,009	0,270	FALSE
-0,036	0,303	-0,001	0,006	0,046	FALSE
-0,009	0,302	0,000	0,006	0,017	FALSE
0,040	0,314	0,001	0,007	0,026	FALSE
0,038	0,311	0,001	0,008	0,035	FALSE
0,002	0,300	0,000	0,006	0,005	FALSE
-0,011	0,310	0,000	0,006	0,013	FALSE
0,018	0,308	0,000	0,009	0,012	FALSE
0,071	0,303	0,003	0,013	0,101	FALSE
-0,004	0,301	-0,001	0,012	0,025	FALSE
-0,004	0,299	-0,001	0,011	0,047	FALSE
-0,041	0,305	-0,001	0,010	0,057	FALSE
-0,014	0,310	-0,001	0,009	0,023	FALSE
0,053	0,311	0,001	0,013	0,034	FALSE

0,152	0,291	0,004	0,006	0,236	FALSE
0,081	0,306	0,001	0,008	0,063	FALSE
-0,060	0,306	-0,004	0,012	0,132	FALSE
-0,134	0,307	-0,006	0,012	0,200	FALSE
0,128	0,297	0,003	0,009	0,154	FALSE
-0,066	0,302	-0,003	0,011	0,117	FALSE
-0,077	0,304	-0,003	0,011	0,123	FALSE
0,003	0,304	0,001	0,012	0,026	FALSE
-0,118	0,290	-0,003	0,008	0,171	FALSE
0,051	0,305	0,002	0,013	0,053	FALSE
0,185	0,293	0,005	0,008	0,280	FALSE
0,042	0,302	0,000	0,006	0,001	FALSE
0,036	0,309	0,001	0,007	0,071	FALSE
-0,026	0,299	-0,001	0,008	0,040	FALSE
-0,019	0,306	0,000	0,012	0,001	FALSE
0,015	0,306	0,000	0,011	0,008	FALSE
0,000	0,310	0,000	0,011	0,011	FALSE
0,114	0,284	0,004	0,008	0,207	FALSE
0,048	0,308	0,001	0,012	0,028	FALSE
-0,064	0,306	-0,001	0,010	0,050	FALSE
0,096	0,313	0,003	0,011	0,105	FALSE
0,096	0,308	0,002	0,007	0,116	FALSE
0,035	0,313	0,001	0,012	0,043	FALSE
-0,051	0,304	-0,002	0,008	0,076	FALSE
-0,084	0,309	-0,003	0,012	0,093	FALSE
0,062	0,327	0,003	0,013	0,084	FALSE
-0,001	0,308	0,000	0,010	0,001	FALSE
-0,046	0,305	-0,001	0,008	0,049	FALSE
-0,075	0,298	-0,003	0,012	0,109	FALSE
0,066	0,298	0,003	0,012	0,090	FALSE
-0,036	0,308	-0,001	0,009	0,044	FALSE
0,105	0,309	0,003	0,006	0,191	FALSE
-0,112	0,306	-0,003	0,008	0,171	FALSE
-0,013	0,309	0,000	0,012	0,010	FALSE
0,049	0,307	0,002	0,012	0,064	FALSE
0,028	0,320	0,001	0,014	0,021	FALSE
0,054	0,300	0,002	0,007	0,109	FALSE
0,055	0,320	0,001	0,007	0,076	FALSE
-0,058	0,314	-0,003	0,011	0,109	FALSE
0,025	0,304	0,002	0,013	0,046	FALSE
-0,023	0,310	-0,001	0,011	0,036	FALSE
-0,028	0,318	0,000	0,013	0,011	FALSE
-0,052	0,313	-0,001	0,006	0,066	FALSE
0,051	0,324	0,002	0,011	0,074	FALSE
0,061	0,312	0,001	0,008	0,061	FALSE
-0,146	0,297	-0,003	0,006	0,224	FALSE
0,037	0,306	0,001	0,006	0,056	FALSE
-0,021	0,319	0,000	0,010	0,015	FALSE
-0,141	0,309	-0,003	0,006	0,197	FALSE
-0,179	0,311	-0,006	0,010	0,246	FALSE
-0,102	0,304	-0,003	0,008	0,127	FALSE
0,166	0,303	0,007	0,012	0,249	FALSE
0,075	0,302	0,002	0,007	0,118	FALSE

0,166	0,307	0,007	0,012	0,257	FALSE
-0,102	0,308	-0,004	0,012	0,151	FALSE
0,139	0,300	0,006	0,011	0,215	FALSE
-0,038	0,302	-0,003	0,012	0,081	FALSE
0,040	0,307	0,000	0,007	0,021	FALSE
0,057	0,296	0,002	0,006	0,095	FALSE
-0,017	0,304	0,000	0,007	0,022	FALSE
-0,192	0,300	-0,007	0,011	0,286	FALSE
-0,022	0,306	0,000	0,009	0,001	FALSE
0,126	0,292	0,003	0,007	0,164	FALSE
-0,073	0,302	-0,002	0,010	0,064	FALSE
-0,126	0,303	-0,004	0,012	0,143	FALSE
0,119	0,321	0,005	0,012	0,160	FALSE
0,041	0,311	0,001	0,006	0,042	FALSE
0,008	0,296	0,000	0,008	0,012	FALSE
0,032	0,302	0,001	0,008	0,053	FALSE
0,151	0,297	0,004	0,009	0,188	FALSE
-0,018	0,295	0,000	0,007	0,024	FALSE
0,092	0,305	0,003	0,012	0,115	FALSE
-0,042	0,317	-0,001	0,007	0,059	FALSE
-0,131	0,293	-0,003	0,006	0,203	FALSE
0,077	0,303	0,002	0,007	0,104	FALSE
-0,140	0,306	-0,006	0,013	0,188	FALSE
-0,021	0,298	-0,001	0,007	0,054	FALSE
-0,020	0,291	-0,001	0,008	0,049	FALSE
0,001	0,312	-0,001	0,010	0,017	FALSE
-0,057	0,305	-0,001	0,006	0,085	FALSE
0,069	0,323	0,002	0,007	0,084	FALSE
0,041	0,310	0,002	0,012	0,055	FALSE
-0,006	0,321	0,000	0,011	0,002	FALSE
-0,057	0,303	-0,001	0,006	0,083	FALSE
0,103	0,307	0,003	0,007	0,172	FALSE
0,167	0,285	0,004	0,005	0,290	FALSE
-0,159	0,298	-0,007	0,012	0,284	FALSE
-0,098	0,312	-0,002	0,007	0,106	FALSE
0,145	0,283	0,003	0,007	0,207	FALSE
-0,184	0,301	-0,007	0,010	0,317	FALSE
-0,189	0,311	-0,007	0,010	0,319	FALSE
-0,172	0,309	-0,008	0,013	0,260	FALSE
0,082	0,293	0,003	0,010	0,124	FALSE
0,078	0,308	0,002	0,008	0,082	FALSE
0,082	0,295	0,001	0,007	0,079	FALSE
0,098	0,294	0,002	0,008	0,116	FALSE
0,052	0,299	0,001	0,008	0,041	FALSE
0,041	0,306	0,001	0,007	0,042	FALSE
0,040	0,299	0,001	0,007	0,050	FALSE
-0,046	0,305	-0,001	0,013	0,038	FALSE
-0,054	0,305	-0,002	0,012	0,057	FALSE
0,001	0,310	0,000	0,007	0,005	FALSE
-0,106	0,314	-0,002	0,008	0,123	FALSE
0,018	0,313	0,000	0,006	0,017	FALSE
0,054	0,287	0,003	0,012	0,097	FALSE
-0,001	0,310	0,000	0,013	0,004	FALSE

-0,034	0,310	-0,001	0,013	0,040	FALSE
0,105	0,301	0,002	0,007	0,125	FALSE
-0,081	0,295	-0,003	0,008	0,122	FALSE
0,111	0,300	0,003	0,008	0,150	FALSE
-0,031	0,314	-0,002	0,012	0,072	FALSE
-0,042	0,321	-0,002	0,011	0,055	FALSE
0,071	0,289	0,003	0,011	0,102	FALSE
0,094	0,301	0,004	0,012	0,135	FALSE
-0,015	0,305	-0,001	0,011	0,032	FALSE
0,071	0,291	0,002	0,007	0,088	FALSE
-0,142	0,293	-0,005	0,010	0,238	FALSE
0,038	0,299	0,000	0,007	0,022	FALSE
0,070	0,309	0,003	0,010	0,117	FALSE
-0,128	0,313	-0,004	0,009	0,191	FALSE
-0,057	0,309	-0,001	0,007	0,067	FALSE
0,114	0,291	0,004	0,012	0,136	FALSE
0,169	0,309	0,005	0,009	0,254	FALSE
-0,094	0,317	-0,002	0,007	0,128	FALSE
0,033	0,305	0,002	0,012	0,077	FALSE
-0,032	0,302	-0,001	0,011	0,035	FALSE
-0,036	0,316	-0,002	0,011	0,052	FALSE
-0,011	0,314	0,000	0,011	0,005	FALSE
0,055	0,305	0,002	0,012	0,073	FALSE
0,016	0,313	0,000	0,010	0,001	FALSE
0,043	0,307	0,002	0,011	0,058	FALSE
0,056	0,289	0,002	0,012	0,080	FALSE
0,033	0,305	0,000	0,007	0,019	FALSE
-0,010	0,313	0,000	0,010	0,011	FALSE
0,088	0,311	0,003	0,010	0,107	FALSE
-0,046	0,311	-0,002	0,010	0,087	FALSE
0,013	0,305	0,001	0,013	0,017	FALSE
0,032	0,318	0,002	0,011	0,071	FALSE
0,067	0,284	0,002	0,009	0,069	FALSE
-0,035	0,309	-0,002	0,010	0,064	FALSE
0,000	0,289	0,000	0,009	0,001	FALSE
-0,010	0,307	0,000	0,010	0,012	FALSE
-0,085	0,309	-0,003	0,011	0,102	FALSE
-0,098	0,312	-0,003	0,010	0,127	FALSE
-0,068	0,310	-0,002	0,008	0,120	FALSE
-0,032	0,313	-0,001	0,010	0,023	FALSE
-0,012	0,297	-0,001	0,009	0,035	FALSE
-0,013	0,307	0,000	0,012	0,001	FALSE
0,014	0,303	0,000	0,007	0,017	FALSE
-0,048	0,301	0,000	0,008	0,013	FALSE
0,084	0,310	0,003	0,009	0,128	FALSE
0,054	0,299	0,002	0,012	0,075	FALSE
-0,015	0,304	0,000	0,012	0,008	FALSE
0,064	0,299	0,005	0,012	0,162	FALSE
0,030	0,300	0,004	0,012	0,112	FALSE
0,068	0,294	0,003	0,012	0,099	FALSE
0,119	0,293	0,003	0,007	0,203	FALSE
-0,024	0,315	-0,001	0,007	0,036	FALSE
0,049	0,307	0,002	0,012	0,056	FALSE

0,021	0,299	0,001	0,012	0,027	FALSE
-0,109	0,284	-0,003	0,010	0,129	FALSE
0,068	0,310	0,002	0,010	0,084	FALSE
-0,135	0,316	-0,005	0,012	0,185	FALSE
0,058	0,307	0,001	0,008	0,062	FALSE
-0,129	0,318	-0,003	0,007	0,157	FALSE
0,066	0,305	0,003	0,011	0,102	FALSE
0,067	0,307	0,002	0,009	0,103	FALSE
0,023	0,322	0,001	0,011	0,029	FALSE
0,079	0,297	0,002	0,009	0,102	FALSE
0,018	0,307	0,001	0,009	0,039	FALSE
0,014	0,289	0,000	0,012	0,010	FALSE
-0,013	0,307	-0,001	0,008	0,040	FALSE
0,065	0,304	0,003	0,008	0,128	FALSE
-0,153	0,299	-0,006	0,012	0,219	FALSE
0,024	0,290	0,002	0,009	0,075	FALSE
0,024	0,299	0,002	0,010	0,069	FALSE
-0,129	0,300	-0,003	0,009	0,163	FALSE
0,011	0,317	0,000	0,008	0,006	FALSE
0,057	0,304	0,001	0,010	0,049	FALSE
-0,001	0,314	0,000	0,009	0,016	FALSE
0,031	0,320	0,000	0,009	0,003	FALSE
-0,038	0,303	-0,001	0,010	0,048	FALSE
-0,001	0,307	0,000	0,010	0,012	FALSE
-0,124	0,298	-0,003	0,008	0,129	FALSE
-0,064	0,301	-0,001	0,007	0,060	FALSE
-0,001	0,298	-0,001	0,007	0,039	FALSE
0,118	0,304	0,003	0,009	0,146	FALSE
0,027	0,309	0,001	0,007	0,028	FALSE
-0,043	0,295	-0,001	0,008	0,051	FALSE
0,048	0,306	0,001	0,007	0,056	FALSE
-0,071	0,315	-0,003	0,012	0,101	FALSE
-0,068	0,317	-0,002	0,009	0,084	FALSE
-0,009	0,295	0,000	0,008	0,005	FALSE
-0,022	0,306	0,000	0,010	0,003	FALSE
0,047	0,307	0,001	0,007	0,069	FALSE
-0,071	0,306	-0,001	0,007	0,074	FALSE
0,110	0,300	0,004	0,010	0,145	FALSE
-0,002	0,312	0,000	0,008	0,002	FALSE
0,003	0,301	0,000	0,006	0,005	FALSE
0,014	0,316	0,000	0,007	0,011	FALSE
0,111	0,307	0,003	0,007	0,189	FALSE
0,113	0,298	0,003	0,007	0,175	FALSE
-0,052	0,314	-0,001	0,008	0,042	FALSE
0,018	0,312	0,001	0,007	0,028	FALSE
0,108	0,306	0,003	0,008	0,143	FALSE
0,047	0,312	0,002	0,008	0,088	FALSE
0,091	0,306	0,003	0,010	0,109	FALSE
0,082	0,297	0,002	0,008	0,082	FALSE
0,067	0,320	0,002	0,008	0,096	FALSE
0,078	0,304	0,003	0,008	0,124	FALSE
0,098	0,299	0,002	0,006	0,132	FALSE
0,167	0,298	0,008	0,012	0,298	FALSE

-0,016	0,304	0,000	0,012	0,008	FALSE
-0,040	0,303	-0,002	0,009	0,080	FALSE
-0,041	0,304	-0,001	0,007	0,067	FALSE
0,067	0,305	0,002	0,007	0,095	FALSE
-0,092	0,304	-0,004	0,011	0,128	FALSE
-0,102	0,303	-0,004	0,011	0,157	FALSE
-0,030	0,316	-0,002	0,011	0,055	FALSE
-0,104	0,311	-0,004	0,012	0,118	FALSE
-0,042	0,302	-0,002	0,010	0,086	FALSE
-0,041	0,304	-0,002	0,011	0,084	FALSE
0,224	0,297	0,008	0,011	0,369	FALSE
0,086	0,304	0,003	0,009	0,134	FALSE
0,130	0,302	0,004	0,009	0,200	FALSE
0,045	0,292	0,001	0,010	0,045	FALSE
-0,095	0,305	-0,002	0,006	0,138	FALSE
0,070	0,313	0,001	0,006	0,073	FALSE
0,024	0,296	0,001	0,011	0,048	FALSE
-0,079	0,308	-0,003	0,010	0,116	FALSE
-0,062	0,313	-0,002	0,008	0,079	FALSE
-0,015	0,309	0,000	0,010	0,008	FALSE
-0,067	0,309	-0,002	0,007	0,091	FALSE
0,095	0,292	0,002	0,007	0,135	FALSE
-0,019	0,310	0,000	0,012	0,014	FALSE
-0,046	0,308	-0,001	0,010	0,049	FALSE
-0,084	0,293	-0,002	0,011	0,089	FALSE
0,097	0,304	0,004	0,011	0,132	FALSE
-0,021	0,313	0,000	0,007	0,022	FALSE
0,131	0,309	0,004	0,010	0,148	FALSE
0,001	0,298	0,000	0,007	0,009	FALSE
0,157	0,303	0,004	0,008	0,231	FALSE
0,182	0,293	0,008	0,012	0,319	FALSE
-0,014	0,318	0,000	0,008	0,005	FALSE
-0,115	0,299	-0,003	0,008	0,145	FALSE
-0,094	0,310	-0,002	0,008	0,112	FALSE
0,072	0,317	0,002	0,008	0,085	FALSE
-0,161	0,310	-0,006	0,012	0,219	FALSE
0,127	0,302	0,003	0,007	0,195	FALSE
-0,082	0,300	-0,001	0,006	0,089	FALSE
-0,128	0,305	-0,005	0,012	0,170	FALSE
0,005	0,312	0,000	0,009	0,010	FALSE
0,039	0,305	0,001	0,008	0,069	FALSE
0,034	0,307	0,001	0,007	0,070	FALSE
0,173	0,286	0,004	0,008	0,192	FALSE
-0,011	0,307	-0,001	0,008	0,034	FALSE
0,057	0,298	0,003	0,011	0,097	FALSE
0,006	0,310	0,000	0,010	0,000	FALSE
-0,001	0,312	0,000	0,010	0,001	FALSE
0,043	0,319	0,001	0,007	0,040	FALSE
-0,098	0,323	-0,003	0,008	0,136	FALSE
0,021	0,307	0,000	0,008	0,016	FALSE
-0,017	0,305	0,000	0,012	0,008	FALSE
0,017	0,304	0,000	0,012	0,001	FALSE
0,024	0,317	0,001	0,011	0,045	FALSE

-0,063	0,300	-0,002	0,011	0,052	FALSE
-0,169	0,294	-0,005	0,011	0,200	FALSE
-0,169	0,296	-0,005	0,010	0,209	FALSE
-0,056	0,307	-0,003	0,012	0,083	FALSE
-0,005	0,297	0,000	0,007	0,000	FALSE
-0,042	0,309	-0,002	0,012	0,050	FALSE
-0,015	0,299	0,000	0,011	0,000	FALSE
-0,008	0,295	-0,001	0,011	0,025	FALSE
0,013	0,292	0,001	0,013	0,031	FALSE
0,061	0,304	0,003	0,012	0,088	FALSE
0,002	0,291	0,000	0,012	0,013	FALSE
0,026	0,299	0,001	0,013	0,036	FALSE
-0,007	0,308	0,000	0,006	0,014	FALSE
-0,031	0,309	-0,001	0,007	0,044	FALSE
0,050	0,307	0,002	0,011	0,071	FALSE
0,066	0,302	0,002	0,011	0,072	FALSE
0,120	0,305	0,002	0,007	0,150	FALSE
-0,023	0,314	-0,001	0,012	0,044	FALSE
-0,113	0,305	-0,003	0,008	0,139	FALSE
-0,097	0,297	-0,002	0,008	0,125	FALSE
0,016	0,307	0,000	0,007	0,010	FALSE
0,162	0,300	0,007	0,012	0,233	FALSE
0,130	0,292	0,006	0,012	0,197	FALSE
-0,116	0,315	-0,003	0,009	0,141	FALSE
0,111	0,312	0,002	0,006	0,140	FALSE
0,102	0,309	0,003	0,008	0,162	FALSE
-0,033	0,308	-0,001	0,010	0,024	FALSE
-0,062	0,317	-0,002	0,006	0,095	FALSE
-0,028	0,292	0,000	0,010	0,011	FALSE
-0,098	0,300	-0,002	0,006	0,103	FALSE
0,000	0,298	0,001	0,007	0,045	FALSE
-0,025	0,310	-0,001	0,012	0,034	FALSE
-0,031	0,314	0,000	0,007	0,016	FALSE
-0,010	0,316	0,000	0,006	0,005	FALSE
-0,019	0,315	0,000	0,007	0,003	FALSE
0,067	0,314	0,001	0,008	0,037	FALSE
0,057	0,300	0,001	0,008	0,067	FALSE
-0,007	0,310	0,000	0,007	0,022	FALSE
0,054	0,300	0,002	0,011	0,067	FALSE
-0,090	0,306	-0,004	0,012	0,129	FALSE
-0,115	0,323	-0,003	0,010	0,145	FALSE
-0,002	0,306	0,000	0,007	0,010	FALSE
-0,027	0,313	-0,002	0,011	0,052	FALSE
-0,025	0,311	-0,001	0,009	0,051	FALSE
-0,044	0,304	-0,002	0,010	0,082	FALSE
-0,056	0,299	-0,003	0,011	0,120	FALSE
-0,108	0,297	-0,004	0,009	0,171	FALSE
0,194	0,285	0,006	0,009	0,283	FALSE
-0,136	0,296	-0,005	0,012	0,183	FALSE
-0,014	0,309	-0,001	0,009	0,029	FALSE
-0,182	0,293	-0,004	0,007	0,263	FALSE
0,076	0,301	0,002	0,007	0,112	FALSE
-0,014	0,319	-0,001	0,012	0,020	FALSE

-0,152	0,294	-0,004	0,007	0,230	FALSE
-0,091	0,302	-0,003	0,010	0,124	FALSE
0,136	0,294	0,003	0,006	0,211	FALSE
0,126	0,300	0,003	0,006	0,192	FALSE
0,090	0,310	0,002	0,008	0,107	FALSE
0,148	0,310	0,003	0,007	0,213	FALSE
0,087	0,311	0,003	0,012	0,114	FALSE
-0,061	0,297	-0,001	0,007	0,063	FALSE
-0,077	0,299	-0,002	0,007	0,100	FALSE
-0,055	0,302	-0,002	0,011	0,067	FALSE
0,089	0,299	0,003	0,009	0,125	FALSE
0,026	0,314	0,001	0,013	0,026	FALSE
-0,021	0,306	-0,001	0,007	0,034	FALSE
0,062	0,303	0,002	0,008	0,111	FALSE
-0,138	0,305	-0,003	0,008	0,181	FALSE
0,038	0,306	0,001	0,009	0,044	FALSE
0,172	0,302	0,004	0,006	0,261	FALSE
-0,122	0,303	-0,003	0,008	0,138	FALSE
0,115	0,314	0,005	0,011	0,192	FALSE
-0,060	0,315	-0,002	0,009	0,096	FALSE
0,005	0,317	0,001	0,013	0,016	FALSE
-0,045	0,299	-0,002	0,013	0,043	FALSE
-0,069	0,309	-0,002	0,012	0,059	FALSE
0,077	0,304	0,002	0,007	0,104	FALSE
-0,114	0,296	-0,002	0,006	0,135	FALSE
-0,004	0,304	0,001	0,009	0,032	FALSE
0,107	0,326	0,002	0,007	0,124	FALSE
0,039	0,306	0,000	0,007	0,013	FALSE
-0,166	0,301	-0,004	0,007	0,225	FALSE
-0,057	0,294	-0,001	0,009	0,058	FALSE
-0,071	0,291	-0,002	0,009	0,080	FALSE
-0,074	0,295	-0,003	0,010	0,093	FALSE
-0,001	0,301	0,001	0,011	0,017	FALSE
0,042	0,309	0,001	0,009	0,028	FALSE
-0,126	0,305	-0,005	0,011	0,171	FALSE
-0,032	0,316	-0,002	0,008	0,078	FALSE
-0,026	0,303	0,000	0,006	0,027	FALSE
0,033	0,313	0,001	0,009	0,039	FALSE
0,059	0,298	0,002	0,009	0,067	FALSE
-0,036	0,312	-0,002	0,012	0,052	FALSE
0,124	0,293	0,005	0,012	0,187	FALSE
-0,038	0,335	-0,001	0,008	0,040	FALSE
-0,093	0,305	-0,003	0,012	0,113	FALSE
-0,058	0,302	-0,002	0,009	0,067	FALSE
-0,169	0,290	-0,004	0,007	0,243	FALSE
-0,015	0,302	-0,001	0,007	0,045	FALSE
-0,059	0,317	-0,001	0,007	0,066	FALSE
0,029	0,321	0,001	0,008	0,042	FALSE
-0,141	0,303	-0,005	0,010	0,196	FALSE
-0,160	0,308	-0,006	0,010	0,225	FALSE
0,029	0,306	0,001	0,007	0,034	FALSE
-0,047	0,313	-0,002	0,009	0,069	FALSE
-0,017	0,294	-0,001	0,008	0,047	FALSE

0,010	0,308	0,000	0,012	0,012	FALSE
0,014	0,305	0,001	0,012	0,043	FALSE
0,009	0,311	0,001	0,010	0,037	FALSE
-0,003	0,306	0,000	0,007	0,002	FALSE
0,074	0,312	0,002	0,007	0,116	FALSE
-0,050	0,310	-0,001	0,007	0,070	FALSE
-0,028	0,304	-0,001	0,008	0,028	FALSE
0,051	0,304	0,001	0,009	0,057	FALSE
0,112	0,302	0,003	0,008	0,164	FALSE
-0,091	0,313	-0,003	0,007	0,148	FALSE
0,044	0,309	0,000	0,011	0,016	FALSE
0,012	0,297	0,001	0,011	0,045	FALSE
-0,012	0,321	0,000	0,008	0,002	FALSE
-0,085	0,310	-0,002	0,009	0,076	FALSE
-0,054	0,321	-0,001	0,007	0,078	FALSE
0,037	0,320	0,001	0,007	0,058	FALSE
0,017	0,301	0,001	0,011	0,029	FALSE
0,027	0,313	0,001	0,013	0,043	FALSE
0,090	0,295	0,002	0,006	0,134	FALSE
-0,063	0,313	-0,003	0,012	0,102	FALSE
-0,035	0,310	-0,002	0,011	0,056	FALSE
-0,066	0,305	-0,002	0,009	0,102	FALSE
0,121	0,293	0,003	0,006	0,184	FALSE
0,086	0,310	0,002	0,007	0,126	FALSE
0,007	0,313	0,000	0,013	0,005	FALSE
0,019	0,300	0,001	0,011	0,024	FALSE
0,016	0,294	0,000	0,012	0,010	FALSE
0,049	0,301	0,002	0,012	0,061	FALSE
-0,007	0,291	0,000	0,006	0,000	FALSE
0,020	0,301	0,002	0,011	0,051	FALSE
0,006	0,304	0,000	0,006	0,003	FALSE
0,037	0,304	0,001	0,009	0,053	FALSE
0,023	0,307	0,001	0,009	0,038	FALSE
-0,028	0,317	-0,001	0,009	0,024	FALSE
0,024	0,314	0,001	0,007	0,032	FALSE
-0,020	0,287	-0,001	0,012	0,021	FALSE
-0,064	0,299	-0,003	0,009	0,110	FALSE
-0,146	0,312	-0,004	0,009	0,185	FALSE
-0,043	0,312	-0,002	0,012	0,075	FALSE
-0,072	0,309	-0,003	0,012	0,117	FALSE
0,056	0,304	0,002	0,012	0,059	FALSE
-0,036	0,307	-0,002	0,012	0,056	FALSE
-0,109	0,297	-0,004	0,009	0,193	FALSE
0,109	0,299	0,003	0,010	0,113	FALSE
-0,193	0,305	-0,004	0,007	0,256	FALSE
-0,041	0,313	-0,001	0,007	0,036	FALSE
-0,012	0,310	0,000	0,009	0,013	FALSE
0,055	0,299	0,002	0,010	0,075	FALSE
0,010	0,316	0,000	0,006	0,021	FALSE
0,024	0,308	0,000	0,007	0,021	FALSE
0,005	0,308	0,000	0,007	0,006	FALSE
-0,012	0,313	-0,001	0,012	0,020	FALSE
-0,113	0,293	-0,005	0,012	0,166	FALSE

-0,008	0,312	0,000	0,011	0,004	FALSE
-0,080	0,315	-0,002	0,007	0,090	FALSE
0,098	0,308	0,004	0,012	0,137	FALSE
0,029	0,305	0,001	0,013	0,040	FALSE
-0,014	0,310	0,000	0,013	0,013	FALSE
0,009	0,309	0,000	0,012	0,010	FALSE
-0,052	0,302	-0,002	0,010	0,060	FALSE
0,057	0,322	0,002	0,008	0,070	FALSE
-0,127	0,293	-0,002	0,007	0,138	FALSE
0,133	0,299	0,004	0,011	0,153	FALSE
0,006	0,316	0,000	0,008	0,009	FALSE
-0,045	0,304	-0,002	0,010	0,064	FALSE
-0,038	0,309	-0,001	0,012	0,041	FALSE
0,078	0,311	0,003	0,012	0,103	FALSE
-0,048	0,327	-0,001	0,010	0,044	FALSE
0,054	0,305	0,001	0,007	0,043	FALSE
-0,041	0,309	-0,001	0,010	0,022	FALSE
-0,036	0,317	-0,001	0,008	0,057	FALSE
0,094	0,298	0,004	0,012	0,153	FALSE
0,048	0,315	0,002	0,010	0,063	FALSE
0,006	0,310	0,001	0,012	0,020	FALSE
-0,020	0,303	0,000	0,008	0,013	FALSE
-0,098	0,294	-0,004	0,010	0,164	FALSE
0,012	0,298	0,000	0,007	0,020	FALSE
-0,051	0,303	-0,002	0,010	0,093	FALSE
0,048	0,311	0,002	0,012	0,065	FALSE
0,043	0,294	0,002	0,012	0,057	FALSE
-0,022	0,321	0,000	0,011	0,010	FALSE
-0,151	0,291	-0,008	0,013	0,281	FALSE
0,084	0,309	0,002	0,009	0,079	FALSE
0,046	0,307	0,001	0,010	0,055	FALSE
0,049	0,306	0,002	0,009	0,069	FALSE
0,229	0,278	0,010	0,012	0,394	FALSE
-0,069	0,315	-0,002	0,008	0,095	FALSE
-0,034	0,322	-0,002	0,011	0,048	FALSE
0,077	0,311	0,004	0,012	0,147	FALSE
0,054	0,305	0,002	0,011	0,081	FALSE
-0,098	0,295	-0,003	0,008	0,160	FALSE
0,056	0,314	0,002	0,009	0,066	FALSE
0,051	0,312	0,001	0,010	0,053	FALSE
0,049	0,324	0,001	0,010	0,035	FALSE
-0,075	0,296	-0,003	0,012	0,099	FALSE
0,038	0,297	0,002	0,012	0,069	FALSE
-0,006	0,304	-0,001	0,009	0,033	FALSE
-0,070	0,283	-0,004	0,012	0,140	FALSE
-0,083	0,306	-0,003	0,009	0,110	FALSE
-0,064	0,310	-0,002	0,011	0,076	FALSE
-0,106	0,293	-0,002	0,006	0,152	FALSE
0,202	0,281	0,008	0,011	0,343	FALSE
-0,069	0,298	-0,002	0,012	0,072	FALSE
-0,159	0,301	-0,007	0,012	0,243	FALSE
0,196	0,290	0,008	0,011	0,324	FALSE
-0,004	0,310	0,000	0,013	0,001	FALSE

-0,003	0,288	0,000	0,006	0,026	FALSE
-0,085	0,289	-0,004	0,012	0,154	FALSE
-0,016	0,296	0,000	0,006	0,017	FALSE
0,216	0,290	0,009	0,011	0,355	FALSE
-0,081	0,288	-0,002	0,008	0,118	FALSE
-0,081	0,307	-0,002	0,008	0,109	FALSE
0,019	0,310	0,001	0,011	0,031	FALSE
0,021	0,316	0,001	0,012	0,044	FALSE
-0,072	0,299	-0,002	0,010	0,071	FALSE
-0,199	0,297	-0,007	0,010	0,338	FALSE
-0,073	0,306	-0,002	0,007	0,119	FALSE
0,072	0,297	0,003	0,010	0,118	FALSE
0,039	0,296	0,001	0,009	0,032	FALSE
-0,044	0,298	-0,002	0,011	0,055	FALSE
0,115	0,292	0,005	0,010	0,191	FALSE
-0,017	0,304	-0,001	0,008	0,043	FALSE
0,038	0,315	0,001	0,013	0,041	FALSE
0,175	0,303	0,006	0,010	0,286	FALSE
0,125	0,302	0,004	0,010	0,189	FALSE
-0,059	0,296	-0,003	0,012	0,082	FALSE
-0,055	0,293	-0,002	0,008	0,096	FALSE
-0,009	0,308	0,000	0,007	0,009	FALSE
-0,131	0,298	-0,004	0,009	0,206	FALSE
0,015	0,315	0,001	0,008	0,046	FALSE
-0,002	0,304	0,000	0,012	0,011	FALSE
0,034	0,304	0,001	0,007	0,033	FALSE
0,083	0,315	0,003	0,011	0,093	FALSE
0,079	0,286	0,003	0,007	0,153	FALSE
-0,003	0,302	0,000	0,006	0,025	FALSE
-0,003	0,310	0,000	0,007	0,007	FALSE
-0,077	0,307	-0,003	0,009	0,107	FALSE
0,056	0,313	0,001	0,010	0,051	FALSE
-0,105	0,301	-0,002	0,007	0,125	FALSE
-0,044	0,295	-0,001	0,006	0,038	FALSE
0,035	0,311	0,000	0,007	0,002	FALSE
-0,064	0,302	-0,002	0,009	0,099	FALSE
-0,039	0,313	-0,002	0,012	0,047	FALSE
-0,053	0,305	-0,001	0,007	0,068	FALSE
0,070	0,301	0,001	0,008	0,065	FALSE
0,137	0,294	0,005	0,010	0,222	FALSE
-0,135	0,292	-0,003	0,007	0,190	FALSE
-0,023	0,303	-0,001	0,008	0,032	FALSE
-0,056	0,321	-0,001	0,010	0,043	FALSE
-0,056	0,308	-0,002	0,009	0,064	FALSE
0,056	0,310	0,003	0,012	0,097	FALSE
-0,023	0,303	-0,001	0,013	0,020	FALSE
-0,112	0,304	-0,003	0,010	0,125	FALSE
-0,107	0,297	-0,003	0,008	0,147	FALSE
-0,069	0,301	-0,003	0,011	0,092	FALSE
-0,043	0,305	-0,001	0,006	0,089	FALSE
0,015	0,323	0,001	0,009	0,023	FALSE
0,083	0,303	0,003	0,012	0,101	FALSE
0,105	0,313	0,004	0,012	0,128	FALSE

0,044	0,311	0,001	0,012	0,031	FALSE
-0,158	0,303	-0,005	0,012	0,194	FALSE
-0,114	0,294	-0,004	0,011	0,152	FALSE
-0,087	0,311	-0,003	0,013	0,095	FALSE
-0,005	0,312	0,001	0,011	0,024	FALSE
-0,138	0,308	-0,005	0,013	0,179	FALSE
-0,086	0,306	-0,002	0,009	0,109	FALSE
0,119	0,301	0,003	0,008	0,162	FALSE
0,016	0,308	0,000	0,008	0,017	FALSE
0,055	0,305	0,003	0,011	0,099	FALSE
0,006	0,307	0,001	0,012	0,041	FALSE
0,033	0,310	0,001	0,012	0,016	FALSE
0,191	0,299	0,008	0,012	0,281	FALSE
-0,007	0,303	0,000	0,007	0,016	FALSE
-0,020	0,297	0,000	0,007	0,022	FALSE
-0,079	0,309	-0,002	0,010	0,081	FALSE
0,011	0,317	0,000	0,010	0,014	FALSE
0,004	0,305	0,000	0,006	0,007	FALSE
0,176	0,304	0,005	0,008	0,264	FALSE
0,048	0,289	0,002	0,010	0,070	FALSE
0,014	0,297	0,000	0,006	0,004	FALSE
0,059	0,304	0,001	0,009	0,061	FALSE
0,062	0,316	0,002	0,010	0,065	FALSE
0,059	0,303	0,002	0,012	0,070	FALSE
0,082	0,285	0,003	0,010	0,108	FALSE
0,081	0,306	0,002	0,010	0,096	FALSE
-0,164	0,305	-0,005	0,009	0,254	FALSE
0,063	0,307	0,002	0,012	0,057	FALSE
-0,018	0,307	-0,001	0,006	0,041	FALSE
0,056	0,304	0,001	0,012	0,047	FALSE
0,113	0,311	0,003	0,009	0,151	FALSE
0,037	0,311	0,001	0,009	0,059	FALSE
0,021	0,306	0,001	0,010	0,025	FALSE
-0,031	0,316	0,000	0,010	0,015	FALSE
0,081	0,307	0,003	0,008	0,147	FALSE
-0,022	0,317	-0,001	0,009	0,025	FALSE
-0,036	0,308	-0,002	0,010	0,074	FALSE
0,065	0,296	0,003	0,012	0,108	FALSE
0,077	0,313	0,002	0,008	0,100	FALSE
-0,081	0,302	-0,003	0,012	0,109	FALSE
0,006	0,294	0,001	0,011	0,022	FALSE
0,118	0,293	0,003	0,008	0,144	FALSE
0,110	0,299	0,004	0,011	0,132	FALSE
-0,001	0,306	0,000	0,010	0,015	FALSE
-0,044	0,295	-0,001	0,006	0,085	FALSE
0,038	0,297	0,001	0,011	0,025	FALSE
0,001	0,321	0,000	0,012	0,005	FALSE
0,055	0,305	0,003	0,012	0,105	FALSE
0,053	0,315	0,003	0,012	0,084	FALSE
-0,100	0,309	-0,002	0,006	0,114	FALSE
0,033	0,293	0,001	0,012	0,037	FALSE
-0,041	0,304	-0,002	0,012	0,051	FALSE
-0,067	0,309	-0,002	0,010	0,093	FALSE

-0,023	0,319	0,000	0,007	0,011	FALSE
0,038	0,306	0,001	0,006	0,052	FALSE
-0,154	0,301	-0,004	0,009	0,187	FALSE
0,096	0,289	0,002	0,007	0,149	FALSE
-0,153	0,297	-0,004	0,009	0,193	FALSE
0,073	0,312	0,001	0,007	0,055	FALSE
-0,052	0,300	-0,002	0,012	0,051	FALSE
-0,005	0,308	0,000	0,010	0,009	FALSE
-0,137	0,313	-0,003	0,006	0,197	FALSE
0,009	0,321	0,000	0,009	0,011	FALSE
-0,104	0,307	-0,002	0,006	0,152	FALSE
-0,067	0,303	-0,002	0,006	0,099	FALSE
-0,105	0,299	-0,003	0,007	0,157	FALSE
-0,140	0,309	-0,003	0,009	0,158	FALSE
-0,076	0,316	-0,003	0,011	0,128	FALSE
-0,050	0,308	0,000	0,008	0,015	FALSE
-0,022	0,301	-0,001	0,012	0,028	FALSE
0,053	0,312	0,001	0,006	0,051	FALSE
-0,021	0,300	0,000	0,008	0,014	FALSE
0,016	0,304	0,000	0,012	0,003	FALSE
-0,076	0,323	-0,002	0,009	0,073	FALSE
-0,159	0,309	-0,005	0,010	0,196	FALSE
-0,063	0,305	-0,002	0,011	0,060	FALSE
-0,003	0,303	-0,001	0,013	0,036	FALSE
0,001	0,319	0,000	0,011	0,000	FALSE
-0,059	0,319	-0,001	0,007	0,079	FALSE
-0,123	0,312	-0,003	0,008	0,138	FALSE
0,019	0,311	0,000	0,010	0,008	FALSE
-0,111	0,305	-0,004	0,012	0,142	FALSE
0,019	0,322	0,000	0,007	0,022	FALSE
0,022	0,284	0,001	0,008	0,042	FALSE
-0,181	0,305	-0,007	0,012	0,260	FALSE
-0,209	0,309	-0,008	0,012	0,285	FALSE
-0,027	0,308	-0,001	0,008	0,027	FALSE
-0,042	0,304	-0,001	0,008	0,051	FALSE
-0,013	0,313	-0,001	0,011	0,024	FALSE
0,100	0,292	0,004	0,011	0,134	FALSE
-0,072	0,317	-0,002	0,010	0,072	FALSE
-0,006	0,306	-0,001	0,010	0,044	FALSE
-0,017	0,316	-0,001	0,008	0,024	FALSE
-0,064	0,297	-0,001	0,008	0,068	FALSE
-0,120	0,288	-0,005	0,011	0,175	FALSE
-0,062	0,298	-0,003	0,011	0,105	FALSE
-0,027	0,298	0,000	0,008	0,019	FALSE
-0,033	0,316	-0,001	0,008	0,043	FALSE
0,046	0,314	0,002	0,009	0,084	FALSE
-0,046	0,307	-0,001	0,010	0,047	FALSE
-0,074	0,298	-0,004	0,012	0,144	FALSE
0,058	0,298	0,004	0,012	0,111	FALSE
0,012	0,294	0,000	0,007	0,004	FALSE
-0,020	0,303	-0,001	0,007	0,043	FALSE
-0,012	0,313	-0,001	0,007	0,030	FALSE
0,049	0,309	0,001	0,009	0,028	FALSE

-0,032	0,288	-0,002	0,012	0,059	FALSE
0,050	0,304	0,002	0,012	0,045	FALSE
0,146	0,299	0,003	0,007	0,174	FALSE
-0,020	0,323	-0,001	0,008	0,051	FALSE
-0,087	0,314	-0,002	0,009	0,085	FALSE
0,060	0,302	0,001	0,009	0,061	FALSE
0,057	0,307	0,001	0,009	0,056	FALSE
-0,031	0,317	-0,002	0,013	0,050	FALSE
0,149	0,303	0,007	0,012	0,228	FALSE
0,011	0,312	0,000	0,013	0,001	FALSE
-0,012	0,303	0,000	0,006	0,008	FALSE
0,077	0,303	0,002	0,007	0,090	FALSE
0,013	0,314	0,000	0,011	0,005	FALSE
-0,076	0,306	-0,001	0,008	0,048	FALSE
-0,047	0,300	0,000	0,009	0,010	FALSE
0,011	0,307	0,001	0,007	0,035	FALSE
0,009	0,312	0,001	0,008	0,028	FALSE
0,046	0,318	0,001	0,011	0,038	FALSE
0,029	0,295	0,001	0,006	0,060	FALSE
-0,027	0,303	-0,001	0,007	0,050	FALSE
0,034	0,309	0,001	0,007	0,038	FALSE
0,019	0,306	0,001	0,010	0,019	FALSE
0,118	0,305	0,003	0,007	0,141	FALSE
0,038	0,305	0,002	0,009	0,068	FALSE
0,193	0,306	0,005	0,009	0,255	FALSE
0,074	0,303	0,002	0,009	0,069	FALSE
-0,142	0,300	-0,004	0,009	0,210	FALSE
0,052	0,304	0,003	0,013	0,077	FALSE
-0,025	0,301	-0,001	0,010	0,047	FALSE
-0,110	0,301	-0,003	0,010	0,096	FALSE
0,040	0,313	0,001	0,010	0,027	FALSE
-0,205	0,311	-0,008	0,012	0,289	FALSE
-0,218	0,303	-0,008	0,012	0,329	FALSE
0,113	0,294	0,003	0,006	0,171	FALSE
0,110	0,313	0,003	0,006	0,174	FALSE
-0,054	0,307	-0,001	0,007	0,053	FALSE
-0,040	0,312	-0,001	0,006	0,043	FALSE
0,044	0,306	0,001	0,012	0,042	FALSE
0,029	0,305	0,001	0,008	0,038	FALSE
-0,065	0,315	-0,002	0,012	0,053	FALSE
0,035	0,302	0,000	0,007	0,026	FALSE
0,035	0,312	0,002	0,009	0,063	FALSE
-0,069	0,316	-0,003	0,012	0,079	FALSE
0,092	0,300	0,003	0,011	0,120	FALSE
0,031	0,313	0,002	0,012	0,044	FALSE
-0,040	0,304	-0,001	0,007	0,052	FALSE
0,012	0,298	0,000	0,007	0,007	FALSE
-0,054	0,311	-0,002	0,012	0,066	FALSE
-0,064	0,303	-0,002	0,008	0,101	FALSE
0,007	0,307	0,000	0,007	0,010	FALSE
0,079	0,311	0,003	0,012	0,086	FALSE
0,107	0,296	0,003	0,010	0,125	FALSE
0,048	0,313	0,001	0,008	0,059	FALSE

0,061	0,304	0,001	0,007	0,066	FALSE
0,008	0,310	0,000	0,012	0,009	FALSE
0,028	0,306	0,001	0,012	0,039	FALSE
0,115	0,307	0,002	0,006	0,147	FALSE
-0,015	0,321	-0,001	0,007	0,028	FALSE
0,010	0,315	0,000	0,006	0,005	FALSE
-0,051	0,314	-0,002	0,013	0,066	FALSE
-0,023	0,319	-0,001	0,007	0,034	FALSE
-0,018	0,311	0,000	0,011	0,003	FALSE
-0,002	0,312	0,001	0,011	0,021	FALSE
-0,002	0,312	0,001	0,011	0,022	FALSE
0,013	0,325	0,001	0,012	0,037	FALSE
-0,001	0,298	0,000	0,011	0,010	FALSE
0,134	0,295	0,004	0,007	0,268	FALSE
-0,105	0,300	-0,005	0,012	0,152	FALSE
0,075	0,309	0,004	0,012	0,118	FALSE
0,074	0,306	0,003	0,010	0,107	FALSE
0,080	0,325	0,004	0,013	0,120	FALSE
0,045	0,303	0,003	0,011	0,087	FALSE
-0,114	0,296	-0,004	0,009	0,172	FALSE
0,095	0,315	0,003	0,009	0,128	FALSE
0,100	0,311	0,003	0,008	0,166	FALSE
0,193	0,300	0,007	0,010	0,332	FALSE
-0,008	0,317	0,000	0,010	0,014	FALSE
0,016	0,303	0,001	0,007	0,047	FALSE
-0,101	0,304	-0,004	0,011	0,166	FALSE
0,144	0,305	0,003	0,007	0,199	FALSE
0,108	0,297	0,003	0,010	0,136	FALSE
-0,009	0,311	0,000	0,010	0,003	FALSE
-0,071	0,300	-0,003	0,010	0,109	FALSE
-0,032	0,311	-0,002	0,011	0,055	FALSE
0,044	0,296	0,001	0,008	0,056	FALSE
0,004	0,307	0,000	0,012	0,008	FALSE
-0,030	0,309	-0,001	0,013	0,035	FALSE
-0,208	0,308	-0,010	0,013	0,341	FALSE
-0,240	0,292	-0,011	0,013	0,417	FALSE
0,011	0,302	0,000	0,012	0,002	FALSE
0,018	0,313	0,000	0,013	0,012	FALSE
0,013	0,306	0,001	0,012	0,021	FALSE
0,085	0,304	0,002	0,007	0,120	FALSE
-0,043	0,310	-0,002	0,012	0,057	FALSE
0,024	0,313	0,000	0,007	0,010	FALSE
-0,039	0,299	-0,001	0,008	0,025	FALSE
-0,074	0,296	-0,003	0,013	0,099	FALSE
0,004	0,292	0,001	0,010	0,024	FALSE
0,088	0,303	0,002	0,009	0,103	FALSE
0,106	0,295	0,002	0,006	0,159	FALSE
-0,014	0,287	0,000	0,011	0,005	FALSE
-0,015	0,303	0,000	0,011	0,007	FALSE
-0,170	0,293	-0,006	0,010	0,228	FALSE
0,059	0,294	0,001	0,012	0,041	FALSE
-0,047	0,292	-0,001	0,008	0,061	FALSE
0,128	0,290	0,005	0,012	0,174	FALSE

0,132	0,298	0,005	0,011	0,179	FALSE
0,164	0,292	0,006	0,011	0,242	FALSE
0,065	0,306	0,001	0,007	0,062	FALSE
0,075	0,325	0,001	0,009	0,061	FALSE
-0,070	0,308	-0,002	0,008	0,095	FALSE
-0,034	0,307	-0,001	0,008	0,065	FALSE
-0,031	0,310	0,000	0,009	0,012	FALSE
-0,064	0,305	-0,001	0,008	0,060	FALSE
0,099	0,304	0,004	0,009	0,168	FALSE
-0,047	0,302	-0,002	0,012	0,055	FALSE
-0,222	0,298	-0,004	0,006	0,279	FALSE
-0,134	0,309	-0,005	0,011	0,174	FALSE
0,104	0,305	0,003	0,010	0,127	FALSE
-0,036	0,312	-0,001	0,009	0,020	FALSE
0,033	0,307	0,000	0,008	0,007	FALSE
-0,018	0,302	0,000	0,010	0,001	FALSE
-0,060	0,308	-0,001	0,007	0,068	FALSE
0,096	0,317	0,003	0,009	0,131	FALSE
0,096	0,309	0,004	0,010	0,142	FALSE
-0,080	0,297	-0,003	0,012	0,109	FALSE
0,098	0,311	0,004	0,010	0,138	FALSE
0,036	0,311	0,001	0,012	0,027	FALSE
-0,003	0,315	0,000	0,010	0,002	FALSE
0,039	0,321	0,002	0,013	0,055	FALSE
0,053	0,295	0,002	0,011	0,074	FALSE
0,058	0,290	0,002	0,006	0,095	FALSE
-0,141	0,302	-0,004	0,010	0,178	FALSE
0,016	0,308	0,000	0,007	0,001	FALSE
-0,079	0,308	-0,004	0,012	0,133	FALSE
-0,093	0,307	-0,003	0,009	0,115	FALSE
-0,077	0,304	-0,002	0,010	0,093	FALSE
-0,020	0,294	-0,001	0,011	0,035	FALSE
-0,061	0,314	-0,002	0,009	0,084	FALSE
-0,036	0,298	-0,001	0,009	0,053	FALSE
-0,009	0,302	0,000	0,011	0,009	FALSE
0,003	0,321	-0,001	0,011	0,028	FALSE
-0,030	0,303	0,000	0,012	0,004	FALSE
0,107	0,306	0,003	0,010	0,116	FALSE
-0,171	0,291	-0,004	0,007	0,241	FALSE
-0,057	0,310	-0,002	0,010	0,071	FALSE
-0,033	0,302	-0,001	0,007	0,037	FALSE
-0,004	0,321	0,000	0,010	0,013	FALSE
-0,014	0,297	0,000	0,009	0,012	FALSE
0,009	0,307	0,000	0,011	0,006	FALSE
-0,052	0,311	-0,002	0,010	0,090	FALSE
-0,033	0,311	-0,001	0,012	0,045	FALSE
-0,093	0,316	-0,004	0,012	0,121	FALSE
-0,079	0,321	-0,003	0,013	0,105	FALSE
0,101	0,310	0,004	0,013	0,107	FALSE
-0,048	0,300	-0,002	0,012	0,062	FALSE
0,057	0,315	0,001	0,007	0,052	FALSE
-0,068	0,307	-0,002	0,008	0,105	FALSE
-0,014	0,305	-0,001	0,009	0,028	FALSE

-0,070	0,285	-0,001	0,007	0,065	FALSE
0,052	0,290	0,001	0,010	0,037	FALSE
0,038	0,296	0,001	0,010	0,023	FALSE
-0,022	0,315	0,000	0,007	0,017	FALSE
0,057	0,317	0,001	0,011	0,046	FALSE
0,044	0,299	0,001	0,006	0,048	FALSE
-0,027	0,304	-0,002	0,011	0,054	FALSE
0,044	0,299	0,002	0,012	0,071	FALSE
-0,028	0,316	-0,001	0,010	0,048	FALSE
0,012	0,299	0,001	0,010	0,042	FALSE
0,008	0,297	0,001	0,010	0,025	FALSE
0,143	0,305	0,005	0,011	0,176	FALSE
-0,001	0,298	0,001	0,009	0,025	FALSE
0,073	0,307	0,003	0,011	0,102	FALSE
0,065	0,301	0,002	0,009	0,072	FALSE
0,076	0,290	0,003	0,012	0,079	FALSE
-0,106	0,305	-0,005	0,012	0,154	FALSE
-0,068	0,315	-0,003	0,012	0,087	FALSE
0,001	0,304	0,000	0,007	0,007	FALSE
0,030	0,305	0,000	0,011	0,005	FALSE
-0,073	0,298	-0,002	0,008	0,080	FALSE
0,083	0,326	0,003	0,013	0,077	FALSE
0,087	0,310	0,003	0,013	0,093	FALSE
0,073	0,315	0,002	0,013	0,072	FALSE
0,066	0,291	0,002	0,006	0,122	FALSE
0,020	0,303	0,001	0,010	0,027	FALSE
0,081	0,304	0,002	0,008	0,095	FALSE
0,059	0,310	0,003	0,011	0,090	FALSE
0,105	0,319	0,002	0,008	0,122	FALSE
0,079	0,329	0,002	0,009	0,085	FALSE
-0,019	0,319	-0,001	0,009	0,031	FALSE
-0,018	0,300	-0,001	0,012	0,028	FALSE
-0,040	0,307	-0,002	0,009	0,071	FALSE
0,006	0,311	0,001	0,009	0,038	FALSE
-0,022	0,291	-0,001	0,011	0,016	FALSE
-0,082	0,325	-0,002	0,007	0,094	FALSE
0,025	0,317	0,001	0,007	0,043	FALSE
0,000	0,301	0,000	0,011	0,015	FALSE
-0,033	0,324	-0,001	0,008	0,046	FALSE
-0,023	0,303	-0,001	0,009	0,019	FALSE
0,027	0,317	0,001	0,007	0,033	FALSE
-0,065	0,288	-0,001	0,008	0,065	FALSE
0,195	0,297	0,007	0,012	0,260	FALSE
-0,067	0,313	-0,002	0,007	0,088	FALSE
0,206	0,297	0,004	0,006	0,296	FALSE
0,073	0,317	0,003	0,012	0,084	FALSE
0,048	0,307	0,000	0,007	0,015	FALSE
0,064	0,304	0,001	0,007	0,058	FALSE
-0,037	0,311	0,000	0,007	0,023	FALSE
0,038	0,307	0,002	0,010	0,071	FALSE
0,139	0,304	0,002	0,006	0,147	FALSE
0,024	0,313	0,001	0,009	0,026	FALSE
0,081	0,301	0,003	0,008	0,146	FALSE

-0,055	0,292	-0,002	0,008	0,086	FALSE
-0,016	0,298	-0,001	0,008	0,027	FALSE
-0,050	0,313	-0,003	0,012	0,087	FALSE
0,112	0,302	0,003	0,007	0,175	FALSE
-0,033	0,308	-0,001	0,010	0,037	FALSE
-0,007	0,308	0,001	0,011	0,022	FALSE
0,031	0,293	0,000	0,006	0,019	FALSE
0,043	0,292	0,002	0,010	0,069	FALSE
-0,036	0,294	-0,001	0,011	0,032	FALSE
0,077	0,307	0,002	0,006	0,119	FALSE
0,054	0,303	0,001	0,008	0,070	FALSE
0,077	0,314	0,003	0,012	0,093	FALSE
-0,082	0,307	-0,001	0,007	0,053	FALSE
0,088	0,297	0,003	0,011	0,107	FALSE
-0,090	0,285	-0,001	0,007	0,064	FALSE
-0,056	0,317	-0,001	0,012	0,042	FALSE
0,045	0,308	0,001	0,012	0,034	FALSE
-0,006	0,315	0,000	0,012	0,008	FALSE
0,152	0,307	0,003	0,007	0,183	FALSE
0,091	0,308	0,003	0,011	0,095	FALSE
0,052	0,307	0,002	0,011	0,054	FALSE
0,098	0,301	0,003	0,008	0,126	FALSE
-0,029	0,313	-0,001	0,013	0,041	FALSE
0,107	0,301	0,003	0,007	0,189	FALSE
-0,023	0,304	-0,001	0,008	0,041	FALSE
0,031	0,289	0,000	0,007	0,026	FALSE
0,113	0,302	0,003	0,007	0,179	FALSE
0,136	0,293	0,004	0,007	0,222	FALSE
0,122	0,303	0,004	0,007	0,204	FALSE
0,125	0,289	0,003	0,007	0,210	FALSE
0,017	0,305	0,000	0,007	0,009	FALSE
0,014	0,309	0,000	0,007	0,007	FALSE
0,046	0,303	0,002	0,010	0,093	FALSE
-0,015	0,313	-0,001	0,007	0,031	FALSE
-0,006	0,320	0,000	0,007	0,014	FALSE
0,087	0,295	0,003	0,010	0,112	FALSE
-0,074	0,303	-0,001	0,008	0,060	FALSE
-0,150	0,310	-0,005	0,011	0,162	FALSE
-0,081	0,295	-0,002	0,007	0,102	FALSE
-0,108	0,324	-0,005	0,013	0,161	FALSE
-0,039	0,307	-0,001	0,008	0,068	FALSE
0,019	0,314	0,001	0,008	0,023	FALSE
-0,142	0,315	-0,004	0,007	0,211	FALSE
0,026	0,305	0,001	0,010	0,037	FALSE
-0,128	0,311	-0,003	0,007	0,183	FALSE
0,000	0,312	0,000	0,007	0,010	FALSE
0,097	0,308	0,003	0,008	0,132	FALSE
0,157	0,295	0,007	0,011	0,260	FALSE
-0,138	0,299	-0,005	0,010	0,192	FALSE
0,146	0,297	0,005	0,012	0,191	FALSE
-0,042	0,294	-0,001	0,007	0,039	FALSE
-0,062	0,307	-0,002	0,011	0,072	FALSE
0,051	0,310	0,002	0,012	0,069	FALSE

-0,028	0,286	-0,001	0,007	0,045	FALSE
-0,205	0,297	-0,010	0,012	0,364	FALSE
0,195	0,297	0,009	0,012	0,332	FALSE
-0,093	0,310	-0,004	0,011	0,148	FALSE
0,025	0,309	-0,001	0,011	0,018	FALSE
0,151	0,281	0,005	0,008	0,265	FALSE
0,017	0,309	0,001	0,011	0,024	FALSE
-0,091	0,311	-0,002	0,007	0,088	FALSE
-0,007	0,313	-0,001	0,009	0,046	FALSE
-0,052	0,306	-0,002	0,012	0,068	FALSE
-0,138	0,298	-0,004	0,009	0,188	FALSE
-0,046	0,298	-0,001	0,007	0,054	FALSE
0,017	0,307	0,001	0,008	0,032	FALSE
-0,132	0,309	-0,005	0,013	0,169	FALSE
-0,041	0,315	-0,001	0,010	0,042	FALSE
0,079	0,295	0,003	0,011	0,105	FALSE
-0,019	0,302	-0,001	0,009	0,022	FALSE
0,004	0,315	0,001	0,007	0,028	FALSE
-0,105	0,305	-0,003	0,008	0,124	FALSE
-0,148	0,302	-0,005	0,011	0,186	FALSE
-0,148	0,295	-0,005	0,011	0,191	FALSE
0,094	0,317	0,003	0,009	0,138	FALSE
-0,064	0,319	-0,002	0,007	0,085	FALSE
0,232	0,268	0,009	0,010	0,415	FALSE
0,071	0,301	0,004	0,012	0,119	FALSE
0,072	0,302	0,001	0,010	0,046	FALSE
0,040	0,304	0,001	0,006	0,032	FALSE
0,036	0,304	0,001	0,009	0,048	FALSE
-0,098	0,307	-0,004	0,012	0,134	FALSE
-0,056	0,308	-0,002	0,009	0,086	FALSE
0,124	0,301	0,006	0,013	0,216	FALSE
0,145	0,309	0,007	0,013	0,241	FALSE
0,101	0,296	0,005	0,012	0,163	FALSE
0,005	0,299	0,000	0,008	0,003	FALSE
0,061	0,301	0,002	0,011	0,083	FALSE
0,123	0,310	0,003	0,007	0,145	FALSE
0,077	0,293	0,003	0,010	0,118	FALSE
-0,010	0,310	0,000	0,013	0,013	FALSE
-0,008	0,303	0,000	0,007	0,012	FALSE
-0,010	0,301	0,000	0,007	0,023	FALSE
-0,118	0,304	-0,003	0,007	0,182	FALSE
0,040	0,302	0,001	0,008	0,038	FALSE
-0,036	0,323	-0,001	0,009	0,040	FALSE
0,097	0,304	0,003	0,010	0,104	FALSE
-0,007	0,309	-0,002	0,011	0,058	FALSE
-0,021	0,308	-0,002	0,011	0,067	FALSE
0,012	0,305	-0,001	0,012	0,027	FALSE
-0,006	0,308	0,001	0,013	0,034	FALSE
0,003	0,299	0,001	0,012	0,035	FALSE
-0,064	0,318	-0,004	0,013	0,118	FALSE
-0,018	0,307	0,000	0,010	0,017	FALSE
-0,093	0,305	-0,004	0,013	0,135	FALSE
-0,010	0,305	-0,001	0,011	0,016	FALSE

0,055	0,312	0,002	0,008	0,072	FALSE
-0,129	0,301	-0,005	0,012	0,181	FALSE
-0,063	0,311	-0,003	0,012	0,082	FALSE
0,062	0,315	0,002	0,011	0,078	FALSE
0,083	0,297	0,003	0,011	0,099	FALSE
0,104	0,317	0,003	0,008	0,122	FALSE
0,015	0,310	0,001	0,012	0,017	FALSE
-0,012	0,310	0,000	0,008	0,004	FALSE
0,072	0,302	0,002	0,008	0,112	FALSE
0,005	0,313	-0,001	0,011	0,025	FALSE
-0,055	0,301	-0,001	0,007	0,066	FALSE
-0,096	0,304	-0,004	0,012	0,135	FALSE
-0,075	0,300	-0,004	0,012	0,125	FALSE
0,117	0,295	0,003	0,008	0,165	FALSE
-0,082	0,291	-0,003	0,008	0,129	FALSE
0,015	0,307	0,000	0,011	0,004	FALSE
0,027	0,308	0,000	0,007	0,021	FALSE
-0,008	0,309	0,000	0,009	0,018	FALSE
0,136	0,297	0,007	0,012	0,230	FALSE
-0,031	0,316	-0,001	0,010	0,026	FALSE
-0,096	0,316	-0,003	0,009	0,113	FALSE
-0,002	0,305	0,000	0,009	0,006	FALSE
-0,082	0,312	-0,003	0,012	0,096	FALSE
-0,074	0,299	-0,003	0,009	0,118	FALSE
-0,010	0,306	0,000	0,008	0,013	FALSE
-0,033	0,319	-0,002	0,009	0,060	FALSE
0,106	0,292	0,004	0,011	0,120	FALSE
-0,091	0,316	-0,002	0,010	0,090	FALSE
-0,042	0,319	0,000	0,010	0,011	FALSE
0,007	0,320	0,000	0,009	0,008	FALSE
-0,091	0,320	-0,003	0,011	0,114	FALSE
0,131	0,308	0,005	0,012	0,174	FALSE
-0,158	0,306	-0,004	0,007	0,232	FALSE
-0,071	0,303	-0,002	0,010	0,086	FALSE
-0,081	0,301	-0,002	0,009	0,086	FALSE
-0,079	0,312	-0,004	0,012	0,120	FALSE
-0,150	0,304	-0,005	0,010	0,201	FALSE
0,048	0,307	0,002	0,012	0,048	FALSE
0,085	0,314	0,002	0,009	0,089	FALSE
0,053	0,297	0,003	0,008	0,133	FALSE
-0,024	0,321	-0,001	0,007	0,025	FALSE
-0,042	0,309	-0,001	0,008	0,058	FALSE
0,021	0,298	0,000	0,008	0,008	FALSE
-0,120	0,298	-0,004	0,011	0,136	FALSE
0,080	0,317	0,002	0,007	0,107	FALSE
0,077	0,317	0,002	0,007	0,104	FALSE
-0,031	0,302	0,000	0,009	0,012	FALSE
-0,126	0,295	-0,004	0,008	0,200	FALSE
0,080	0,307	0,002	0,007	0,128	FALSE
0,056	0,304	0,001	0,007	0,082	FALSE
-0,045	0,302	-0,001	0,009	0,028	FALSE
0,053	0,305	0,002	0,012	0,055	FALSE
-0,059	0,302	-0,001	0,009	0,044	FALSE

0,149	0,311	0,004	0,009	0,191	FALSE
0,132	0,303	0,003	0,008	0,177	FALSE
-0,112	0,297	-0,003	0,007	0,172	FALSE
-0,037	0,313	-0,001	0,011	0,036	FALSE
0,018	0,306	0,001	0,007	0,029	FALSE
0,172	0,305	0,004	0,008	0,229	FALSE
0,059	0,302	0,001	0,006	0,066	FALSE
-0,051	0,313	-0,001	0,008	0,044	FALSE
-0,041	0,317	-0,001	0,012	0,040	FALSE
0,005	0,320	0,000	0,012	0,005	FALSE
-0,125	0,303	-0,005	0,011	0,181	FALSE
0,103	0,303	0,005	0,013	0,145	FALSE
-0,034	0,302	-0,001	0,007	0,038	FALSE
0,141	0,300	0,004	0,009	0,194	FALSE
-0,025	0,314	-0,001	0,007	0,028	FALSE
0,144	0,297	0,003	0,007	0,211	FALSE
0,104	0,298	0,003	0,009	0,120	FALSE
0,015	0,318	0,000	0,008	0,001	FALSE
0,021	0,315	0,000	0,008	0,008	FALSE
-0,005	0,302	-0,001	0,008	0,035	FALSE
-0,061	0,311	-0,002	0,007	0,086	FALSE
0,004	0,309	0,000	0,009	0,018	FALSE
0,039	0,295	0,001	0,011	0,033	FALSE
-0,080	0,297	-0,003	0,012	0,096	FALSE
-0,127	0,294	-0,003	0,007	0,154	FALSE
0,039	0,296	0,001	0,009	0,041	FALSE
0,063	0,313	0,002	0,009	0,082	FALSE
0,048	0,313	0,001	0,009	0,048	FALSE
0,075	0,309	0,002	0,009	0,098	FALSE
-0,070	0,316	-0,002	0,008	0,084	FALSE
-0,071	0,325	-0,003	0,013	0,094	FALSE
0,152	0,302	0,005	0,009	0,228	FALSE
-0,022	0,302	-0,002	0,010	0,066	FALSE
0,013	0,318	0,001	0,012	0,021	FALSE
-0,076	0,295	-0,002	0,008	0,115	FALSE
-0,071	0,309	-0,002	0,009	0,112	FALSE
-0,029	0,295	-0,001	0,007	0,039	FALSE
0,163	0,308	0,004	0,007	0,216	FALSE
0,098	0,299	0,002	0,007	0,106	FALSE
-0,074	0,313	-0,003	0,010	0,101	FALSE
0,005	0,313	0,000	0,012	0,007	FALSE
-0,034	0,305	-0,002	0,011	0,078	FALSE
0,003	0,307	0,000	0,007	0,002	FALSE
0,012	0,319	0,001	0,010	0,026	FALSE
-0,083	0,312	-0,005	0,013	0,146	FALSE
0,060	0,297	0,003	0,012	0,106	FALSE
-0,061	0,311	-0,001	0,006	0,067	FALSE
-0,053	0,312	-0,001	0,006	0,061	FALSE
0,073	0,313	0,003	0,010	0,102	FALSE
-0,036	0,304	-0,001	0,007	0,033	FALSE
0,017	0,311	0,001	0,008	0,032	FALSE
-0,045	0,280	-0,001	0,007	0,062	FALSE
-0,046	0,301	0,000	0,010	0,013	FALSE

-0,009	0,316	0,000	0,010	0,003	FALSE
0,023	0,306	0,000	0,010	0,003	FALSE
0,138	0,297	0,003	0,009	0,153	FALSE
-0,092	0,298	-0,001	0,006	0,082	FALSE
0,087	0,301	0,001	0,007	0,058	FALSE
-0,034	0,304	0,000	0,008	0,019	FALSE
-0,128	0,313	-0,005	0,010	0,190	FALSE
-0,085	0,304	-0,003	0,008	0,129	FALSE
0,034	0,310	0,003	0,013	0,074	FALSE
0,000	0,312	0,000	0,007	0,001	FALSE
0,072	0,304	0,002	0,007	0,124	FALSE
0,011	0,299	0,001	0,008	0,024	FALSE
-0,013	0,318	0,000	0,006	0,011	FALSE
0,132	0,311	0,006	0,013	0,200	FALSE
0,101	0,309	0,003	0,007	0,148	FALSE
-0,048	0,308	-0,001	0,006	0,061	FALSE
0,129	0,302	0,002	0,006	0,148	FALSE
0,027	0,314	0,001	0,013	0,015	FALSE
0,012	0,290	0,000	0,012	0,000	FALSE
-0,012	0,311	0,000	0,013	0,012	FALSE
0,105	0,307	0,004	0,009	0,173	FALSE
-0,107	0,291	-0,002	0,007	0,123	FALSE
0,075	0,314	0,003	0,013	0,098	FALSE
0,008	0,287	0,000	0,007	0,001	FALSE
0,103	0,301	0,002	0,006	0,120	FALSE
0,015	0,294	0,000	0,006	0,012	FALSE
0,023	0,325	0,001	0,012	0,031	FALSE
0,019	0,324	0,001	0,012	0,022	FALSE
0,011	0,312	0,000	0,008	0,006	FALSE
-0,011	0,303	-0,001	0,011	0,024	FALSE
-0,137	0,313	-0,004	0,009	0,187	FALSE
0,217	0,297	0,009	0,012	0,343	FALSE
-0,019	0,294	-0,001	0,006	0,053	FALSE
0,000	0,294	0,000	0,007	0,004	FALSE
-0,168	0,304	-0,007	0,012	0,230	FALSE
0,057	0,304	0,002	0,008	0,085	FALSE
-0,092	0,303	-0,003	0,010	0,110	FALSE
0,066	0,294	0,002	0,007	0,099	FALSE
0,134	0,305	0,005	0,011	0,198	FALSE
-0,022	0,295	-0,001	0,009	0,035	FALSE
0,034	0,310	0,002	0,011	0,060	FALSE
0,141	0,303	0,006	0,012	0,188	FALSE
-0,038	0,311	-0,001	0,012	0,029	FALSE
0,052	0,296	0,002	0,007	0,111	FALSE
0,073	0,307	0,003	0,010	0,124	FALSE
-0,143	0,302	-0,003	0,007	0,199	FALSE
0,031	0,305	0,001	0,007	0,047	FALSE
0,015	0,317	0,001	0,013	0,018	FALSE
-0,123	0,303	-0,002	0,006	0,161	FALSE
-0,075	0,311	-0,003	0,012	0,088	FALSE
-0,027	0,303	-0,001	0,009	0,028	FALSE
-0,078	0,293	-0,002	0,007	0,104	FALSE
-0,001	0,318	0,000	0,013	0,010	FALSE

0,048	0,314	0,001	0,007	0,046	FALSE
-0,041	0,304	-0,002	0,011	0,067	FALSE
-0,023	0,308	0,000	0,007	0,009	FALSE
0,024	0,312	0,001	0,008	0,041	FALSE
-0,027	0,301	-0,001	0,007	0,058	FALSE
-0,087	0,301	-0,002	0,007	0,110	FALSE
-0,078	0,302	-0,002	0,007	0,094	FALSE
0,057	0,305	0,001	0,008	0,054	FALSE
-0,046	0,303	-0,001	0,008	0,047	FALSE
-0,049	0,304	-0,002	0,011	0,054	FALSE
0,034	0,302	0,002	0,011	0,064	FALSE
0,039	0,305	0,001	0,009	0,033	FALSE
-0,122	0,305	-0,004	0,012	0,135	FALSE
0,145	0,293	0,004	0,010	0,165	FALSE
-0,076	0,320	-0,002	0,011	0,076	FALSE
-0,070	0,306	-0,003	0,012	0,092	FALSE
0,065	0,301	0,001	0,009	0,060	FALSE
-0,022	0,317	0,000	0,011	0,012	FALSE
0,063	0,305	0,002	0,012	0,070	FALSE
-0,087	0,306	-0,004	0,010	0,154	FALSE
0,010	0,293	0,002	0,010	0,062	FALSE
-0,110	0,313	-0,003	0,009	0,158	FALSE
-0,113	0,306	-0,003	0,008	0,182	FALSE
-0,117	0,302	-0,003	0,008	0,176	FALSE
0,044	0,295	0,001	0,007	0,045	FALSE
0,095	0,294	0,004	0,010	0,173	FALSE
0,094	0,290	0,003	0,011	0,119	FALSE
-0,058	0,310	-0,002	0,008	0,104	FALSE
-0,006	0,311	0,000	0,013	0,012	FALSE
-0,076	0,291	-0,002	0,012	0,075	FALSE
0,033	0,296	0,000	0,008	0,019	FALSE
-0,019	0,310	-0,001	0,008	0,046	FALSE
0,046	0,312	0,002	0,011	0,050	FALSE
0,142	0,309	0,005	0,010	0,209	FALSE
0,167	0,291	0,006	0,010	0,263	FALSE
0,098	0,303	0,004	0,010	0,141	FALSE
0,121	0,294	0,004	0,009	0,180	FALSE
0,180	0,307	0,006	0,010	0,253	FALSE
0,158	0,292	0,005	0,009	0,239	FALSE
-0,002	0,290	0,000	0,007	0,008	FALSE
0,012	0,307	0,000	0,006	0,007	FALSE
0,038	0,310	0,002	0,012	0,065	FALSE
0,071	0,312	0,002	0,008	0,079	FALSE
0,029	0,314	0,001	0,013	0,015	FALSE
0,008	0,297	0,001	0,011	0,023	FALSE
0,044	0,306	0,001	0,009	0,056	FALSE
-0,040	0,310	-0,001	0,011	0,035	FALSE
0,046	0,301	0,002	0,012	0,053	FALSE
-0,143	0,315	-0,004	0,008	0,205	FALSE
-0,044	0,309	-0,001	0,009	0,060	FALSE
-0,050	0,318	-0,002	0,012	0,046	FALSE
-0,006	0,302	-0,001	0,012	0,035	FALSE
-0,002	0,314	0,000	0,007	0,016	FALSE

0,069	0,310	0,003	0,011	0,095	FALSE
0,037	0,303	0,001	0,011	0,043	FALSE
0,009	0,294	0,000	0,009	0,003	FALSE
0,005	0,312	-0,001	0,012	0,039	FALSE
0,043	0,311	0,002	0,010	0,082	FALSE
0,146	0,301	0,007	0,012	0,240	FALSE
0,111	0,301	0,004	0,010	0,164	FALSE
-0,076	0,302	-0,003	0,008	0,133	FALSE
0,014	0,311	0,000	0,006	0,007	FALSE
0,034	0,317	0,001	0,013	0,025	FALSE
-0,011	0,312	0,000	0,007	0,016	FALSE
-0,083	0,309	-0,003	0,011	0,097	FALSE
-0,085	0,301	-0,003	0,008	0,133	FALSE
0,009	0,310	0,000	0,009	0,012	FALSE
0,020	0,307	0,000	0,009	0,012	FALSE
-0,020	0,309	-0,001	0,010	0,048	FALSE
-0,002	0,307	-0,001	0,009	0,027	FALSE
0,130	0,312	0,004	0,008	0,172	FALSE
-0,016	0,304	0,000	0,013	0,005	FALSE
-0,068	0,312	-0,001	0,007	0,079	FALSE
-0,074	0,309	-0,001	0,008	0,067	FALSE
-0,025	0,309	0,000	0,007	0,025	FALSE
-0,051	0,296	-0,001	0,006	0,052	FALSE
-0,052	0,310	-0,001	0,007	0,070	FALSE
0,052	0,296	0,001	0,008	0,059	FALSE
0,079	0,307	0,003	0,011	0,099	FALSE
-0,020	0,292	-0,001	0,011	0,022	FALSE
-0,009	0,314	-0,001	0,008	0,033	FALSE
-0,070	0,315	-0,001	0,007	0,080	FALSE
0,024	0,317	0,000	0,007	0,015	FALSE
0,004	0,304	0,001	0,012	0,015	FALSE
-0,021	0,302	-0,001	0,012	0,018	FALSE
0,106	0,309	0,003	0,009	0,145	FALSE
0,092	0,302	0,002	0,007	0,094	FALSE
0,023	0,296	0,001	0,013	0,038	FALSE
0,133	0,304	0,003	0,007	0,203	FALSE
-0,009	0,300	0,000	0,012	0,014	FALSE
0,060	0,312	0,001	0,007	0,082	FALSE
0,117	0,307	0,003	0,007	0,169	FALSE
-0,038	0,313	-0,001	0,013	0,033	FALSE
-0,075	0,295	-0,002	0,008	0,082	FALSE
-0,080	0,316	-0,002	0,007	0,103	FALSE
-0,119	0,303	-0,003	0,008	0,140	FALSE
-0,009	0,313	0,000	0,008	0,013	FALSE
0,046	0,324	0,001	0,008	0,030	FALSE
-0,080	0,302	-0,002	0,006	0,120	FALSE
-0,093	0,309	-0,002	0,006	0,128	FALSE
-0,018	0,301	-0,001	0,012	0,016	FALSE
-0,011	0,316	-0,001	0,008	0,033	FALSE
-0,007	0,306	-0,001	0,008	0,032	FALSE
0,129	0,302	0,004	0,011	0,158	FALSE
0,108	0,309	0,003	0,008	0,165	FALSE
-0,044	0,308	-0,003	0,011	0,098	FALSE

0,061	0,285	0,001	0,011	0,030	FALSE
-0,137	0,299	-0,004	0,009	0,174	FALSE
-0,011	0,305	-0,001	0,009	0,050	FALSE
0,056	0,307	0,001	0,007	0,049	FALSE
-0,009	0,315	-0,001	0,012	0,016	FALSE
0,022	0,308	0,000	0,007	0,009	FALSE
0,003	0,316	0,000	0,008	0,009	FALSE
-0,073	0,302	-0,002	0,010	0,080	FALSE
-0,116	0,290	-0,004	0,010	0,180	FALSE
-0,010	0,298	0,001	0,012	0,017	FALSE
0,087	0,305	0,003	0,010	0,134	FALSE
-0,105	0,309	-0,004	0,010	0,159	FALSE
0,040	0,317	0,002	0,009	0,067	FALSE
0,016	0,309	0,000	0,011	0,013	FALSE
-0,063	0,306	-0,002	0,013	0,067	FALSE
-0,069	0,303	-0,002	0,012	0,059	FALSE
0,029	0,306	0,000	0,009	0,012	FALSE
0,076	0,311	0,003	0,012	0,081	FALSE
0,025	0,302	0,001	0,008	0,028	FALSE
-0,053	0,313	-0,002	0,009	0,083	FALSE
0,073	0,310	0,002	0,008	0,091	FALSE
0,070	0,298	0,001	0,007	0,056	FALSE
0,124	0,289	0,005	0,011	0,185	FALSE
-0,040	0,297	-0,001	0,008	0,057	FALSE
-0,075	0,278	-0,002	0,006	0,106	FALSE
0,047	0,310	0,001	0,009	0,051	FALSE
0,023	0,320	0,000	0,011	0,011	FALSE
0,141	0,302	0,005	0,010	0,209	FALSE
0,015	0,317	0,000	0,007	0,005	FALSE
-0,082	0,310	-0,002	0,006	0,117	FALSE
0,121	0,301	0,005	0,011	0,182	FALSE
0,126	0,311	0,004	0,012	0,137	FALSE
0,170	0,300	0,006	0,012	0,212	FALSE
-0,112	0,304	-0,004	0,010	0,143	FALSE
-0,107	0,315	-0,003	0,010	0,132	FALSE
0,172	0,302	0,005	0,009	0,227	FALSE
0,130	0,301	0,006	0,012	0,191	FALSE
0,108	0,296	0,005	0,011	0,160	FALSE
0,028	0,321	0,001	0,012	0,032	FALSE
0,105	0,308	0,003	0,010	0,102	FALSE
-0,045	0,300	-0,002	0,011	0,065	FALSE
0,011	0,320	0,000	0,012	0,012	FALSE
0,022	0,304	0,001	0,007	0,031	FALSE
-0,027	0,296	-0,001	0,008	0,049	FALSE
0,030	0,300	0,002	0,013	0,045	FALSE
0,012	0,320	0,001	0,008	0,029	FALSE
-0,067	0,322	-0,002	0,011	0,069	FALSE
0,040	0,299	0,001	0,006	0,038	FALSE
0,061	0,289	0,001	0,006	0,055	FALSE
0,017	0,299	0,000	0,010	0,015	FALSE
0,104	0,302	0,003	0,008	0,136	FALSE
-0,094	0,309	-0,002	0,007	0,138	FALSE
0,211	0,284	0,005	0,007	0,374	FALSE

-0,115	0,317	-0,003	0,009	0,130	FALSE
0,056	0,314	0,001	0,008	0,049	FALSE
0,042	0,315	0,001	0,007	0,026	FALSE
0,043	0,295	0,000	0,010	0,012	FALSE
-0,067	0,294	-0,001	0,006	0,064	FALSE
0,048	0,318	0,001	0,007	0,036	FALSE
0,029	0,304	0,001	0,011	0,025	FALSE
-0,036	0,310	-0,001	0,009	0,037	FALSE
0,082	0,313	0,002	0,006	0,102	FALSE
-0,016	0,311	-0,001	0,010	0,022	FALSE
0,028	0,318	0,001	0,011	0,025	FALSE
0,161	0,304	0,005	0,009	0,228	FALSE
-0,125	0,309	-0,004	0,009	0,173	FALSE
-0,003	0,313	0,000	0,011	0,011	FALSE
0,057	0,305	0,002	0,010	0,061	FALSE
0,040	0,310	0,001	0,009	0,026	FALSE
-0,050	0,311	-0,001	0,006	0,077	FALSE
-0,012	0,307	0,000	0,007	0,014	FALSE
0,044	0,309	0,001	0,007	0,048	FALSE
-0,100	0,314	-0,003	0,009	0,130	FALSE
-0,011	0,299	-0,001	0,006	0,035	FALSE
0,114	0,307	0,005	0,012	0,174	FALSE
0,089	0,302	0,002	0,007	0,139	FALSE
0,183	0,294	0,005	0,006	0,322	FALSE
-0,008	0,305	0,000	0,008	0,004	FALSE
0,060	0,315	0,003	0,012	0,081	FALSE
-0,022	0,316	0,000	0,010	0,001	FALSE
0,022	0,317	0,001	0,009	0,023	FALSE
0,017	0,300	0,001	0,007	0,079	FALSE
-0,002	0,319	0,000	0,012	0,002	FALSE
0,065	0,317	0,002	0,009	0,092	FALSE
0,015	0,309	0,001	0,006	0,037	FALSE
0,022	0,312	0,001	0,009	0,047	FALSE
-0,057	0,297	-0,002	0,011	0,077	FALSE
0,020	0,313	0,001	0,012	0,033	FALSE
0,169	0,300	0,004	0,006	0,295	FALSE
0,168	0,298	0,004	0,007	0,272	FALSE
-0,186	0,296	-0,005	0,009	0,250	FALSE
-0,177	0,304	-0,004	0,007	0,265	FALSE
-0,092	0,304	-0,001	0,006	0,088	FALSE
-0,091	0,309	-0,004	0,011	0,144	FALSE
-0,056	0,300	-0,002	0,008	0,086	FALSE
-0,045	0,299	-0,001	0,009	0,060	FALSE
-0,111	0,304	-0,005	0,012	0,157	FALSE
-0,108	0,302	-0,003	0,010	0,134	FALSE
0,185	0,302	0,005	0,009	0,263	FALSE
0,120	0,306	0,004	0,012	0,143	FALSE
0,093	0,307	0,002	0,011	0,068	FALSE
0,006	0,304	0,000	0,009	0,009	FALSE
0,061	0,298	0,002	0,009	0,106	FALSE
0,114	0,308	0,004	0,009	0,161	FALSE
-0,067	0,301	-0,002	0,009	0,064	FALSE
0,071	0,298	0,004	0,010	0,147	FALSE

-0,041	0,305	-0,003	0,012	0,084	FALSE
-0,108	0,296	-0,003	0,009	0,116	FALSE
-0,020	0,313	-0,002	0,013	0,053	FALSE
-0,096	0,302	-0,002	0,008	0,105	FALSE
0,005	0,296	0,000	0,009	0,001	FALSE
0,004	0,314	0,001	0,008	0,036	FALSE
-0,100	0,296	-0,005	0,011	0,200	FALSE
0,067	0,300	0,003	0,010	0,102	FALSE
0,076	0,298	0,003	0,010	0,123	FALSE
0,076	0,301	0,003	0,011	0,118	FALSE
-0,001	0,297	0,000	0,007	0,018	FALSE
0,055	0,303	0,002	0,010	0,091	FALSE
0,000	0,299	0,000	0,007	0,019	FALSE
-0,094	0,315	-0,003	0,011	0,100	FALSE
0,054	0,317	0,001	0,006	0,055	FALSE
0,155	0,310	0,005	0,010	0,215	FALSE
0,020	0,307	0,001	0,006	0,036	FALSE
0,055	0,309	0,001	0,007	0,066	FALSE
0,052	0,304	0,001	0,008	0,068	FALSE
0,066	0,304	0,003	0,011	0,083	FALSE
0,075	0,300	0,003	0,012	0,084	FALSE
0,081	0,313	0,003	0,012	0,110	FALSE
0,045	0,309	0,001	0,011	0,043	FALSE
-0,019	0,307	-0,001	0,012	0,039	FALSE
-0,059	0,310	-0,003	0,011	0,092	FALSE
-0,066	0,300	-0,003	0,010	0,094	FALSE
0,089	0,305	0,003	0,012	0,114	FALSE
0,024	0,314	0,000	0,012	0,012	FALSE
0,031	0,311	0,001	0,012	0,023	FALSE
0,033	0,309	0,001	0,007	0,027	FALSE
0,084	0,314	0,002	0,007	0,086	FALSE
-0,059	0,314	-0,002	0,008	0,090	FALSE
-0,056	0,312	-0,002	0,013	0,069	FALSE
-0,085	0,305	-0,002	0,010	0,081	FALSE
-0,022	0,305	0,000	0,012	0,009	FALSE
-0,052	0,296	-0,003	0,010	0,115	FALSE
0,082	0,305	0,004	0,012	0,129	FALSE
-0,052	0,303	-0,001	0,007	0,067	FALSE
0,002	0,305	0,000	0,009	0,001	FALSE
-0,019	0,302	0,000	0,009	0,017	FALSE
-0,073	0,296	-0,003	0,012	0,087	FALSE
0,030	0,317	0,000	0,006	0,025	FALSE
0,024	0,304	0,001	0,007	0,030	FALSE
0,054	0,316	0,001	0,013	0,032	FALSE
-0,095	0,311	-0,003	0,009	0,125	FALSE
0,056	0,309	0,003	0,011	0,103	FALSE
-0,067	0,303	-0,002	0,009	0,094	FALSE
0,038	0,309	0,002	0,009	0,084	FALSE
-0,052	0,322	-0,001	0,007	0,046	FALSE
-0,076	0,307	-0,004	0,012	0,117	FALSE
0,114	0,295	0,004	0,008	0,189	FALSE
0,002	0,300	0,000	0,009	0,006	FALSE
-0,123	0,296	-0,005	0,011	0,188	FALSE

-0,031	0,313	0,000	0,007	0,005	FALSE
-0,028	0,305	0,000	0,012	0,012	FALSE
0,071	0,319	0,002	0,009	0,074	FALSE
0,104	0,301	0,003	0,007	0,172	FALSE
0,056	0,290	0,001	0,006	0,089	FALSE
-0,058	0,300	-0,002	0,010	0,061	FALSE
0,025	0,316	0,001	0,012	0,044	FALSE
-0,076	0,300	-0,003	0,012	0,106	FALSE
0,060	0,307	0,001	0,009	0,023	FALSE
0,103	0,306	0,004	0,011	0,139	FALSE
0,157	0,305	0,004	0,008	0,214	FALSE
-0,181	0,293	-0,006	0,010	0,248	FALSE
-0,129	0,304	-0,003	0,008	0,156	FALSE
-0,038	0,311	-0,002	0,012	0,057	FALSE
0,024	0,312	0,000	0,009	0,001	FALSE
0,008	0,304	0,001	0,010	0,049	FALSE
-0,023	0,309	0,000	0,009	0,004	FALSE
0,035	0,307	0,002	0,010	0,078	FALSE
0,072	0,299	0,002	0,012	0,075	FALSE
0,120	0,294	0,003	0,008	0,153	FALSE
-0,013	0,295	0,000	0,010	0,005	FALSE
0,015	0,307	0,002	0,012	0,045	FALSE
0,019	0,298	0,001	0,009	0,024	FALSE
0,043	0,308	0,003	0,012	0,083	FALSE
0,013	0,319	0,000	0,007	0,005	FALSE
0,007	0,326	0,001	0,013	0,016	FALSE
-0,014	0,295	0,000	0,012	0,001	FALSE
-0,008	0,300	0,000	0,009	0,003	FALSE
-0,054	0,306	-0,002	0,010	0,092	FALSE
-0,026	0,314	-0,001	0,008	0,039	FALSE
-0,025	0,300	-0,001	0,008	0,033	FALSE
-0,012	0,308	0,000	0,011	0,010	FALSE
0,046	0,313	0,001	0,007	0,027	FALSE
0,083	0,304	0,002	0,011	0,056	FALSE
-0,122	0,301	-0,003	0,006	0,200	FALSE
0,007	0,286	-0,001	0,012	0,025	FALSE
-0,127	0,292	-0,004	0,007	0,219	FALSE
0,115	0,320	0,003	0,008	0,153	FALSE
0,083	0,293	0,004	0,012	0,117	FALSE
0,095	0,286	0,003	0,011	0,117	FALSE
0,196	0,287	0,008	0,012	0,303	FALSE
0,083	0,293	0,002	0,009	0,074	FALSE
-0,001	0,300	0,000	0,011	0,000	FALSE
0,042	0,303	0,002	0,012	0,059	FALSE
-0,068	0,298	-0,001	0,006	0,066	FALSE
0,018	0,321	0,000	0,012	0,011	FALSE
-0,059	0,314	-0,002	0,013	0,066	FALSE
0,012	0,296	0,001	0,008	0,026	FALSE
0,101	0,292	0,002	0,008	0,092	FALSE
0,071	0,316	0,003	0,010	0,104	FALSE
-0,022	0,314	-0,001	0,010	0,049	FALSE
0,006	0,307	0,000	0,011	0,005	FALSE
0,088	0,319	0,004	0,013	0,132	FALSE

0,047	0,305	0,002	0,010	0,062	FALSE
-0,025	0,322	-0,001	0,006	0,037	FALSE
-0,011	0,312	-0,002	0,012	0,050	FALSE
-0,129	0,306	-0,006	0,010	0,233	FALSE
-0,037	0,295	-0,002	0,010	0,073	FALSE
0,052	0,307	0,001	0,007	0,078	FALSE
0,008	0,320	0,000	0,007	0,014	FALSE
0,125	0,289	0,005	0,010	0,187	FALSE
-0,189	0,288	-0,005	0,007	0,287	FALSE
-0,019	0,303	0,000	0,007	0,010	FALSE
0,111	0,301	0,003	0,008	0,149	FALSE
0,109	0,293	0,002	0,006	0,149	FALSE
0,017	0,309	0,001	0,007	0,042	FALSE
0,067	0,305	0,002	0,007	0,111	FALSE
0,037	0,303	0,001	0,006	0,046	FALSE
0,049	0,302	0,001	0,011	0,046	FALSE
-0,002	0,300	0,000	0,011	0,011	FALSE
-0,059	0,309	-0,002	0,007	0,088	FALSE
0,068	0,302	0,002	0,011	0,083	FALSE
0,105	0,305	0,003	0,008	0,140	FALSE
0,071	0,308	0,002	0,008	0,081	FALSE
-0,008	0,289	0,000	0,009	0,008	FALSE
0,027	0,304	0,001	0,009	0,028	FALSE
-0,147	0,297	-0,004	0,008	0,193	FALSE
0,056	0,294	0,002	0,009	0,071	FALSE
0,004	0,303	0,000	0,012	0,005	FALSE
0,031	0,306	0,001	0,011	0,032	FALSE
-0,069	0,323	-0,002	0,009	0,107	FALSE
-0,118	0,297	-0,003	0,006	0,169	FALSE
-0,146	0,293	-0,007	0,012	0,247	FALSE
-0,067	0,306	-0,003	0,012	0,096	FALSE
0,174	0,293	0,007	0,011	0,284	FALSE
0,169	0,288	0,007	0,011	0,276	FALSE
0,158	0,292	0,006	0,011	0,255	FALSE
0,118	0,299	0,004	0,009	0,177	FALSE
-0,048	0,313	-0,002	0,013	0,072	FALSE
0,187	0,289	0,006	0,008	0,323	FALSE
0,069	0,296	0,003	0,009	0,123	FALSE
0,023	0,297	0,000	0,010	0,009	FALSE
-0,106	0,309	-0,003	0,008	0,166	FALSE
0,003	0,303	0,000	0,006	0,003	FALSE
-0,087	0,307	-0,003	0,009	0,112	FALSE
-0,015	0,323	0,000	0,011	0,016	FALSE
-0,053	0,296	-0,001	0,012	0,026	FALSE
-0,008	0,299	0,001	0,012	0,015	FALSE
-0,028	0,302	0,000	0,007	0,014	FALSE
0,198	0,300	0,006	0,008	0,304	FALSE
-0,013	0,310	0,000	0,009	0,009	FALSE
0,015	0,301	0,001	0,007	0,054	FALSE
0,044	0,292	0,001	0,008	0,045	FALSE
0,089	0,290	0,003	0,009	0,132	FALSE
-0,114	0,304	-0,002	0,008	0,121	FALSE
-0,002	0,292	0,000	0,012	0,001	FALSE

0,036	0,315	0,001	0,007	0,030	FALSE
-0,060	0,312	-0,002	0,009	0,067	FALSE
0,060	0,291	0,003	0,010	0,106	FALSE
0,138	0,307	0,003	0,006	0,200	FALSE
0,045	0,298	0,003	0,010	0,093	FALSE
0,063	0,284	0,002	0,008	0,105	FALSE
-0,005	0,295	-0,002	0,012	0,055	FALSE
-0,007	0,301	-0,002	0,013	0,060	FALSE
0,028	0,302	0,000	0,012	0,005	FALSE
0,050	0,314	0,001	0,012	0,032	FALSE
0,000	0,310	-0,001	0,011	0,032	FALSE
0,016	0,322	0,000	0,012	0,006	FALSE
-0,035	0,314	-0,001	0,013	0,035	FALSE
0,030	0,305	0,001	0,006	0,066	FALSE
-0,039	0,314	-0,001	0,009	0,041	FALSE
-0,091	0,291	-0,002	0,008	0,110	FALSE
-0,079	0,302	-0,002	0,008	0,074	FALSE
-0,032	0,288	0,000	0,010	0,011	FALSE
-0,015	0,290	0,000	0,007	0,015	FALSE
0,003	0,304	0,000	0,008	0,006	FALSE
0,067	0,317	0,002	0,013	0,070	FALSE
0,064	0,312	0,002	0,012	0,067	FALSE
-0,044	0,301	-0,001	0,007	0,049	FALSE
0,155	0,310	0,006	0,012	0,188	FALSE
0,033	0,313	0,000	0,007	0,014	FALSE
-0,059	0,313	-0,001	0,007	0,060	FALSE
0,025	0,319	0,001	0,013	0,036	FALSE
0,059	0,314	0,003	0,011	0,094	FALSE
0,012	0,316	0,000	0,012	0,009	FALSE
-0,017	0,311	0,000	0,006	0,007	FALSE
-0,076	0,310	-0,003	0,010	0,098	FALSE
-0,075	0,309	-0,002	0,011	0,082	FALSE
-0,023	0,302	-0,001	0,006	0,049	FALSE
0,015	0,319	0,001	0,013	0,034	FALSE
-0,017	0,314	-0,001	0,013	0,037	FALSE
0,022	0,297	0,000	0,012	0,007	FALSE
0,056	0,312	0,002	0,012	0,070	FALSE
0,108	0,305	0,003	0,012	0,105	FALSE
0,101	0,307	0,003	0,012	0,096	FALSE
-0,013	0,306	0,001	0,007	0,034	FALSE
0,005	0,296	0,000	0,007	0,021	FALSE
-0,037	0,280	-0,002	0,011	0,055	FALSE
-0,015	0,300	-0,001	0,012	0,015	FALSE
-0,087	0,309	-0,004	0,012	0,122	FALSE
-0,110	0,296	-0,004	0,011	0,164	FALSE
0,016	0,303	0,000	0,011	0,012	FALSE
-0,009	0,316	0,000	0,012	0,005	FALSE
-0,044	0,304	-0,002	0,013	0,065	FALSE
0,071	0,302	0,002	0,008	0,084	FALSE
0,049	0,317	0,001	0,013	0,028	FALSE
-0,043	0,302	-0,002	0,012	0,067	FALSE
0,026	0,303	0,000	0,008	0,011	FALSE
-0,043	0,309	-0,002	0,010	0,073	FALSE

-0,067	0,314	-0,003	0,011	0,113	FALSE
0,016	0,290	0,000	0,009	0,010	FALSE
-0,103	0,296	-0,003	0,010	0,135	FALSE
0,093	0,306	0,003	0,009	0,113	FALSE
-0,016	0,316	0,000	0,009	0,001	FALSE
-0,007	0,311	-0,001	0,010	0,025	FALSE
-0,077	0,316	-0,002	0,007	0,087	FALSE
-0,083	0,318	-0,002	0,013	0,066	FALSE
-0,043	0,305	-0,001	0,012	0,026	FALSE
0,036	0,312	0,001	0,007	0,050	FALSE
0,022	0,315	0,000	0,012	0,004	FALSE
0,088	0,320	0,002	0,010	0,093	FALSE
-0,220	0,303	-0,009	0,012	0,342	FALSE
0,042	0,303	0,001	0,007	0,054	FALSE
0,024	0,317	0,001	0,009	0,044	FALSE
-0,115	0,297	-0,003	0,008	0,161	FALSE
-0,078	0,320	-0,003	0,012	0,083	FALSE
-0,069	0,310	-0,001	0,007	0,058	FALSE
-0,059	0,287	-0,002	0,008	0,072	FALSE
-0,069	0,310	-0,002	0,008	0,075	FALSE
0,131	0,297	0,005	0,010	0,221	FALSE
-0,071	0,304	-0,003	0,009	0,109	FALSE
0,136	0,282	0,006	0,009	0,282	FALSE
-0,007	0,297	0,000	0,008	0,010	FALSE
-0,061	0,302	-0,002	0,007	0,090	FALSE
-0,003	0,296	0,000	0,010	0,001	FALSE
0,009	0,309	-0,001	0,012	0,016	FALSE
-0,045	0,314	-0,001	0,008	0,057	FALSE
0,105	0,312	0,003	0,007	0,164	FALSE
0,157	0,309	0,004	0,008	0,195	FALSE
0,011	0,307	0,000	0,007	0,021	FALSE
-0,071	0,287	-0,002	0,009	0,071	FALSE
-0,018	0,322	-0,001	0,009	0,031	FALSE
0,121	0,307	0,005	0,011	0,162	FALSE
0,024	0,301	0,000	0,010	0,013	FALSE
0,005	0,303	0,000	0,009	0,002	FALSE
-0,038	0,314	-0,002	0,012	0,051	FALSE
-0,060	0,305	-0,003	0,012	0,085	FALSE
-0,061	0,318	-0,002	0,013	0,062	FALSE
-0,062	0,310	-0,002	0,013	0,072	FALSE
-0,042	0,314	-0,002	0,013	0,050	FALSE
0,092	0,301	0,002	0,007	0,094	FALSE
0,083	0,302	0,001	0,007	0,062	FALSE
-0,084	0,280	-0,003	0,011	0,103	FALSE
-0,020	0,311	0,000	0,007	0,023	FALSE
0,061	0,307	0,002	0,011	0,054	FALSE
-0,056	0,288	-0,001	0,008	0,044	FALSE
-0,114	0,309	-0,002	0,007	0,125	FALSE
-0,085	0,316	-0,002	0,008	0,117	FALSE
0,111	0,303	0,003	0,008	0,137	FALSE
0,084	0,299	0,003	0,009	0,150	FALSE
-0,108	0,296	-0,002	0,006	0,157	FALSE
-0,007	0,318	0,000	0,011	0,010	FALSE

-0,086	0,311	-0,002	0,008	0,111	FALSE
0,100	0,301	0,003	0,009	0,118	FALSE
0,125	0,289	0,003	0,008	0,149	FALSE
-0,018	0,312	-0,001	0,007	0,031	FALSE
0,032	0,320	0,001	0,007	0,034	FALSE
0,012	0,316	0,001	0,010	0,037	FALSE
0,042	0,316	0,001	0,008	0,042	FALSE
-0,020	0,306	0,000	0,006	0,021	FALSE
-0,125	0,306	-0,004	0,011	0,165	FALSE
0,053	0,304	0,001	0,007	0,060	FALSE
-0,076	0,300	-0,003	0,009	0,119	FALSE
0,047	0,292	0,001	0,007	0,083	FALSE
-0,013	0,303	-0,001	0,011	0,016	FALSE
0,187	0,292	0,005	0,007	0,356	FALSE
-0,131	0,303	-0,006	0,011	0,206	FALSE
0,078	0,322	0,002	0,008	0,120	FALSE
0,017	0,309	0,001	0,012	0,016	FALSE
-0,028	0,308	-0,001	0,012	0,039	FALSE
-0,150	0,309	-0,004	0,009	0,178	FALSE
-0,031	0,309	-0,001	0,011	0,033	FALSE
0,055	0,298	0,001	0,007	0,064	FALSE
-0,002	0,304	0,000	0,009	0,004	FALSE
-0,010	0,296	0,000	0,011	0,010	FALSE
0,069	0,304	0,002	0,012	0,077	FALSE
-0,101	0,288	-0,004	0,012	0,127	FALSE
0,056	0,313	0,002	0,012	0,054	FALSE
0,088	0,295	0,003	0,008	0,121	FALSE
0,035	0,306	0,002	0,010	0,070	FALSE
-0,007	0,293	0,000	0,009	0,013	FALSE
-0,001	0,315	0,000	0,011	0,012	FALSE
0,052	0,297	0,002	0,009	0,075	FALSE
-0,034	0,321	-0,001	0,007	0,056	FALSE
0,033	0,312	0,001	0,008	0,060	FALSE
-0,037	0,296	-0,001	0,007	0,067	FALSE
0,183	0,294	0,005	0,007	0,293	FALSE
0,195	0,292	0,007	0,012	0,256	FALSE
-0,062	0,297	-0,001	0,006	0,061	FALSE
-0,061	0,322	-0,001	0,006	0,062	FALSE
0,099	0,298	0,004	0,010	0,160	FALSE
0,090	0,293	0,002	0,009	0,097	FALSE
-0,242	0,291	-0,009	0,012	0,356	FALSE
0,198	0,301	0,008	0,013	0,281	FALSE
-0,012	0,300	0,000	0,008	0,018	FALSE
0,059	0,296	0,001	0,008	0,048	FALSE
-0,099	0,298	-0,002	0,007	0,126	FALSE
0,210	0,313	0,004	0,007	0,286	FALSE
-0,153	0,311	-0,003	0,007	0,199	FALSE
0,038	0,322	0,001	0,008	0,056	FALSE
-0,011	0,307	0,000	0,013	0,004	FALSE
0,026	0,295	0,000	0,006	0,011	FALSE
0,079	0,306	0,002	0,008	0,113	FALSE
-0,081	0,309	-0,003	0,009	0,102	FALSE
-0,019	0,314	-0,001	0,012	0,035	FALSE

0,134	0,301	0,003	0,007	0,183	FALSE
0,005	0,311	0,000	0,009	0,013	FALSE
-0,085	0,299	-0,002	0,007	0,118	FALSE
-0,023	0,321	-0,001	0,012	0,035	FALSE
-0,001	0,315	-0,001	0,007	0,028	FALSE
0,005	0,297	0,001	0,008	0,037	FALSE
0,039	0,307	0,001	0,012	0,038	FALSE
0,083	0,297	0,003	0,012	0,107	FALSE
-0,105	0,302	-0,002	0,007	0,131	FALSE
-0,101	0,295	-0,002	0,006	0,110	FALSE
-0,080	0,293	-0,002	0,009	0,080	FALSE
-0,173	0,297	-0,004	0,009	0,207	FALSE
0,010	0,306	0,000	0,006	0,013	FALSE
0,148	0,287	0,005	0,012	0,185	FALSE
0,060	0,307	0,002	0,007	0,108	FALSE
0,080	0,312	0,003	0,012	0,089	FALSE
0,096	0,322	0,004	0,012	0,121	FALSE
0,045	0,318	0,002	0,012	0,046	FALSE
-0,060	0,300	-0,003	0,013	0,083	FALSE
0,020	0,308	0,001	0,007	0,046	FALSE
-0,088	0,306	-0,002	0,007	0,108	FALSE
-0,109	0,300	-0,003	0,007	0,155	FALSE
-0,059	0,314	-0,002	0,010	0,073	FALSE
0,015	0,313	0,001	0,007	0,029	FALSE
-0,051	0,308	-0,002	0,007	0,086	FALSE
-0,008	0,312	0,000	0,011	0,016	FALSE
0,073	0,306	0,002	0,011	0,086	FALSE
-0,012	0,322	0,000	0,007	0,002	TRUE
0,047	0,299	0,002	0,012	0,050	FALSE
0,062	0,292	0,002	0,012	0,069	FALSE
-0,027	0,309	-0,001	0,007	0,047	FALSE
-0,130	0,302	-0,003	0,007	0,182	FALSE
-0,012	0,304	0,000	0,009	0,016	FALSE
-0,059	0,312	-0,002	0,008	0,090	FALSE
-0,097	0,302	-0,005	0,011	0,183	FALSE
-0,127	0,288	-0,007	0,012	0,241	FALSE
0,137	0,292	0,007	0,012	0,265	FALSE
0,162	0,282	0,009	0,012	0,318	FALSE
-0,071	0,297	-0,003	0,011	0,103	FALSE
0,098	0,313	0,004	0,013	0,129	FALSE
0,044	0,308	0,002	0,009	0,070	FALSE
0,197	0,281	0,005	0,007	0,338	FALSE
0,168	0,290	0,004	0,006	0,274	FALSE
-0,030	0,311	-0,002	0,011	0,062	FALSE
-0,127	0,289	-0,004	0,008	0,197	FALSE
-0,107	0,303	-0,004	0,011	0,142	FALSE
-0,050	0,307	-0,001	0,006	0,067	FALSE
-0,069	0,300	-0,002	0,012	0,076	FALSE
-0,124	0,316	-0,005	0,011	0,165	FALSE
0,149	0,311	0,006	0,011	0,224	FALSE
0,084	0,306	0,003	0,008	0,153	FALSE
0,097	0,297	0,004	0,008	0,183	FALSE
-0,043	0,295	-0,001	0,008	0,034	FALSE

0,133	0,311	0,004	0,009	0,195	FALSE
0,029	0,306	0,001	0,011	0,028	FALSE
0,089	0,293	0,005	0,012	0,157	FALSE
0,001	0,299	0,001	0,011	0,018	FALSE
-0,055	0,305	-0,002	0,010	0,085	FALSE
0,017	0,304	0,001	0,012	0,024	FALSE
-0,111	0,311	-0,003	0,009	0,119	FALSE
-0,015	0,306	-0,001	0,011	0,030	FALSE
-0,181	0,308	-0,005	0,009	0,253	FALSE
0,013	0,317	0,000	0,008	0,000	FALSE
-0,016	0,305	-0,001	0,011	0,023	FALSE
0,078	0,301	0,004	0,012	0,126	FALSE
-0,005	0,313	0,000	0,012	0,010	FALSE
-0,202	0,288	-0,006	0,008	0,331	FALSE
-0,031	0,300	-0,002	0,009	0,066	FALSE
0,123	0,308	0,003	0,008	0,178	FALSE
-0,067	0,298	-0,002	0,009	0,086	FALSE
-0,017	0,306	0,000	0,012	0,003	FALSE
0,044	0,315	0,002	0,013	0,066	FALSE
-0,040	0,289	-0,001	0,006	0,036	FALSE
-0,021	0,293	-0,001	0,007	0,039	FALSE
-0,231	0,289	-0,009	0,012	0,323	FALSE
-0,059	0,307	-0,003	0,011	0,092	FALSE
-0,030	0,288	-0,001	0,010	0,048	FALSE
-0,004	0,309	0,000	0,006	0,002	FALSE
0,078	0,294	0,001	0,007	0,078	FALSE
0,103	0,302	0,002	0,008	0,103	FALSE
0,076	0,308	0,003	0,010	0,104	FALSE
-0,016	0,303	0,000	0,006	0,007	FALSE
-0,001	0,300	0,001	0,010	0,042	FALSE
0,010	0,307	0,000	0,007	0,006	FALSE
0,092	0,291	0,002	0,007	0,112	FALSE
-0,018	0,297	-0,001	0,007	0,029	FALSE
-0,040	0,297	-0,001	0,009	0,038	FALSE
-0,023	0,311	-0,001	0,009	0,032	FALSE
0,009	0,308	0,000	0,010	0,001	FALSE
0,034	0,305	0,001	0,009	0,031	FALSE
-0,014	0,310	0,000	0,009	0,015	FALSE
0,017	0,305	0,001	0,011	0,020	FALSE
0,011	0,303	0,000	0,007	0,019	FALSE
-0,089	0,304	-0,004	0,011	0,122	FALSE
-0,026	0,319	-0,001	0,007	0,037	FALSE
0,056	0,317	0,001	0,008	0,069	FALSE
0,052	0,300	0,003	0,011	0,098	FALSE
0,143	0,316	0,004	0,007	0,225	FALSE
-0,017	0,313	-0,001	0,008	0,027	FALSE
0,075	0,303	0,004	0,012	0,126	FALSE
-0,172	0,301	-0,007	0,012	0,244	FALSE
-0,129	0,310	-0,003	0,008	0,170	FALSE
-0,127	0,317	-0,003	0,010	0,135	FALSE
-0,103	0,325	-0,002	0,007	0,137	FALSE
0,047	0,312	0,001	0,011	0,042	FALSE
-0,065	0,313	-0,003	0,013	0,102	FALSE

0,062	0,298	0,002	0,008	0,092	FALSE
0,060	0,296	0,002	0,008	0,092	FALSE
-0,125	0,301	-0,005	0,012	0,162	FALSE
-0,042	0,308	0,000	0,006	0,021	FALSE
0,021	0,319	0,002	0,009	0,063	FALSE
-0,058	0,300	-0,002	0,007	0,088	FALSE
-0,031	0,293	0,000	0,007	0,023	FALSE
-0,168	0,286	-0,005	0,009	0,268	FALSE
0,056	0,301	0,001	0,006	0,059	FALSE
-0,075	0,293	-0,002	0,010	0,076	FALSE
0,023	0,309	0,002	0,012	0,055	FALSE
-0,030	0,313	-0,001	0,012	0,021	FALSE
-0,003	0,280	0,001	0,008	0,029	FALSE
0,053	0,293	0,003	0,012	0,099	FALSE
0,020	0,305	0,000	0,007	0,022	FALSE
0,086	0,308	0,003	0,008	0,134	FALSE
0,098	0,309	0,003	0,008	0,128	FALSE
0,061	0,320	0,002	0,010	0,071	FALSE
0,120	0,314	0,004	0,009	0,184	FALSE
0,123	0,300	0,003	0,007	0,189	FALSE
-0,054	0,310	-0,001	0,007	0,068	FALSE
0,070	0,305	0,002	0,008	0,079	FALSE
0,128	0,300	0,004	0,008	0,221	FALSE
0,196	0,297	0,009	0,012	0,343	FALSE
0,052	0,304	0,001	0,006	0,054	FALSE
-0,019	0,316	-0,001	0,012	0,026	FALSE
0,072	0,321	0,003	0,010	0,103	FALSE
0,077	0,316	0,003	0,010	0,108	FALSE
0,004	0,311	0,000	0,007	0,008	FALSE
0,121	0,321	0,003	0,008	0,139	FALSE
-0,088	0,296	-0,002	0,010	0,079	FALSE
-0,088	0,305	-0,003	0,011	0,090	FALSE
-0,015	0,291	-0,001	0,012	0,032	FALSE
0,079	0,316	0,003	0,009	0,134	FALSE
0,064	0,319	0,002	0,008	0,068	FALSE
-0,041	0,305	-0,001	0,009	0,034	FALSE
-0,022	0,299	0,000	0,007	0,016	FALSE
-0,079	0,319	-0,004	0,012	0,119	FALSE
0,088	0,300	0,001	0,006	0,088	FALSE
-0,251	0,297	-0,007	0,008	0,401	FALSE
0,093	0,300	0,002	0,009	0,076	FALSE
-0,116	0,300	-0,005	0,011	0,204	FALSE
0,107	0,303	0,004	0,012	0,139	FALSE
0,013	0,305	0,001	0,010	0,019	FALSE
0,083	0,301	0,002	0,006	0,093	FALSE
-0,147	0,291	-0,005	0,009	0,204	FALSE
-0,052	0,306	-0,001	0,008	0,067	FALSE
0,146	0,292	0,004	0,008	0,220	FALSE
-0,008	0,321	-0,001	0,012	0,036	FALSE
-0,016	0,307	0,000	0,006	0,007	FALSE
0,055	0,296	0,001	0,006	0,066	FALSE
-0,156	0,313	-0,006	0,012	0,199	FALSE
0,195	0,306	0,007	0,011	0,277	FALSE

0,038	0,303	0,001	0,006	0,049	FALSE
-0,047	0,313	-0,001	0,008	0,052	FALSE
-0,038	0,301	-0,001	0,008	0,038	FALSE
-0,053	0,313	-0,001	0,007	0,057	FALSE
-0,059	0,321	-0,002	0,008	0,079	FALSE
0,062	0,304	0,002	0,010	0,057	FALSE
-0,001	0,306	0,000	0,011	0,001	FALSE
-0,012	0,296	0,000	0,007	0,023	FALSE
-0,046	0,304	-0,001	0,010	0,051	FALSE
-0,006	0,319	-0,001	0,009	0,025	FALSE
-0,006	0,316	0,000	0,007	0,017	FALSE
0,062	0,300	0,001	0,010	0,046	FALSE
0,079	0,304	0,001	0,006	0,084	FALSE
-0,052	0,308	-0,002	0,013	0,057	FALSE
0,023	0,308	0,001	0,013	0,043	FALSE
0,081	0,310	0,004	0,012	0,136	FALSE
0,020	0,301	0,001	0,008	0,029	FALSE
0,042	0,307	0,001	0,006	0,035	FALSE
-0,049	0,294	-0,001	0,009	0,042	FALSE
-0,063	0,284	-0,001	0,008	0,062	FALSE
-0,006	0,301	0,000	0,012	0,000	FALSE
-0,016	0,309	0,000	0,007	0,022	FALSE
-0,019	0,307	-0,001	0,007	0,048	FALSE
-0,025	0,314	-0,001	0,007	0,037	FALSE
0,071	0,295	0,002	0,006	0,105	FALSE
-0,040	0,300	-0,002	0,009	0,067	FALSE
0,002	0,322	0,000	0,007	0,002	FALSE
-0,092	0,305	-0,003	0,008	0,133	FALSE
-0,054	0,309	-0,001	0,007	0,055	FALSE
0,052	0,303	0,003	0,010	0,112	FALSE
0,057	0,286	0,001	0,007	0,081	FALSE
-0,063	0,324	-0,001	0,006	0,064	FALSE
0,027	0,310	0,001	0,007	0,053	FALSE
0,019	0,309	0,001	0,007	0,030	FALSE
0,093	0,306	0,003	0,008	0,136	FALSE
-0,080	0,312	-0,002	0,008	0,109	FALSE
0,067	0,314	0,002	0,012	0,060	FALSE
-0,049	0,292	-0,002	0,010	0,076	FALSE
-0,048	0,291	-0,002	0,011	0,078	FALSE
-0,072	0,317	-0,002	0,007	0,098	FALSE
0,013	0,299	0,000	0,012	0,003	FALSE
0,008	0,308	0,000	0,010	0,009	FALSE
-0,214	0,301	-0,008	0,010	0,341	FALSE
0,110	0,306	0,002	0,007	0,100	FALSE
-0,055	0,307	-0,001	0,008	0,039	FALSE
0,051	0,298	0,003	0,012	0,081	FALSE
-0,125	0,302	-0,004	0,009	0,178	FALSE
-0,131	0,305	-0,005	0,011	0,186	FALSE
-0,111	0,303	-0,004	0,011	0,160	FALSE
0,025	0,308	0,001	0,009	0,037	FALSE
-0,113	0,305	-0,002	0,007	0,137	FALSE
0,011	0,302	0,001	0,011	0,035	FALSE
0,007	0,320	0,001	0,011	0,029	FALSE

0,027	0,311	0,002	0,011	0,049	FALSE
0,007	0,308	0,000	0,012	0,000	FALSE
-0,018	0,301	0,000	0,007	0,013	FALSE
-0,030	0,303	-0,001	0,011	0,047	FALSE
-0,001	0,300	-0,001	0,008	0,037	FALSE
-0,052	0,290	-0,003	0,012	0,087	FALSE
-0,052	0,304	-0,001	0,006	0,068	FALSE
0,040	0,304	0,001	0,007	0,048	FALSE
-0,103	0,296	-0,002	0,007	0,137	FALSE
-0,059	0,293	-0,002	0,012	0,072	FALSE
0,034	0,309	0,001	0,009	0,022	FALSE
0,033	0,310	0,001	0,009	0,029	FALSE
-0,200	0,294	-0,009	0,011	0,358	FALSE
-0,001	0,284	0,001	0,011	0,022	FALSE
0,013	0,290	0,001	0,011	0,037	FALSE
0,023	0,306	0,001	0,013	0,019	FALSE
-0,015	0,310	-0,001	0,010	0,032	FALSE
0,059	0,305	0,001	0,008	0,060	FALSE
-0,072	0,290	-0,002	0,007	0,111	FALSE
-0,157	0,294	-0,005	0,009	0,248	FALSE
-0,098	0,313	-0,002	0,007	0,129	FALSE
0,041	0,307	0,001	0,012	0,025	FALSE
0,021	0,300	0,000	0,012	0,003	FALSE
0,141	0,297	0,005	0,011	0,194	FALSE
-0,047	0,309	-0,002	0,012	0,054	FALSE
-0,095	0,300	-0,002	0,007	0,106	FALSE
-0,039	0,296	-0,002	0,009	0,084	FALSE
-0,048	0,310	-0,002	0,007	0,081	FALSE
-0,060	0,303	-0,002	0,008	0,103	FALSE
-0,064	0,298	-0,002	0,007	0,104	FALSE
0,063	0,311	0,001	0,006	0,086	FALSE
-0,050	0,302	-0,001	0,008	0,052	FALSE
-0,075	0,324	-0,001	0,007	0,073	FALSE
0,053	0,300	0,001	0,006	0,041	FALSE
-0,061	0,305	-0,001	0,008	0,055	FALSE
-0,060	0,326	-0,001	0,011	0,051	FALSE
0,023	0,308	0,000	0,006	0,020	FALSE
0,043	0,297	0,002	0,011	0,052	FALSE
-0,060	0,302	-0,002	0,011	0,076	FALSE
-0,029	0,309	-0,001	0,010	0,033	FALSE
-0,044	0,311	-0,001	0,009	0,041	FALSE
0,067	0,305	0,001	0,006	0,075	FALSE
-0,126	0,295	-0,004	0,010	0,177	FALSE
0,028	0,305	0,001	0,009	0,047	FALSE
-0,015	0,304	0,000	0,007	0,021	FALSE
-0,014	0,312	0,000	0,007	0,015	FALSE
-0,021	0,303	-0,001	0,007	0,027	FALSE
-0,039	0,299	-0,001	0,008	0,065	FALSE
-0,064	0,313	-0,001	0,009	0,055	FALSE
-0,189	0,297	-0,004	0,006	0,287	FALSE
0,009	0,303	0,001	0,010	0,022	FALSE
0,045	0,313	0,002	0,009	0,086	FALSE
0,105	0,304	0,002	0,006	0,114	FALSE

-0,092	0,307	-0,003	0,010	0,134	FALSE
0,081	0,328	0,002	0,008	0,094	FALSE
0,189	0,299	0,005	0,007	0,299	FALSE
-0,031	0,314	-0,001	0,008	0,070	FALSE
0,022	0,301	0,002	0,011	0,050	FALSE
-0,050	0,316	-0,003	0,013	0,083	FALSE
0,046	0,300	0,001	0,012	0,031	FALSE
0,051	0,297	0,001	0,012	0,043	FALSE
-0,064	0,320	-0,003	0,012	0,083	FALSE
-0,051	0,314	-0,001	0,007	0,055	FALSE
-0,068	0,310	-0,003	0,011	0,104	FALSE
-0,070	0,293	-0,003	0,010	0,097	FALSE
0,050	0,306	0,002	0,009	0,084	FALSE
0,077	0,317	0,002	0,008	0,117	FALSE
-0,020	0,305	0,000	0,011	0,005	FALSE
-0,070	0,308	-0,002	0,011	0,062	FALSE
-0,064	0,311	-0,002	0,010	0,066	FALSE
-0,074	0,307	-0,002	0,010	0,073	FALSE
0,094	0,301	0,003	0,008	0,132	FALSE
-0,056	0,316	-0,001	0,007	0,064	FALSE
0,107	0,306	0,003	0,007	0,148	FALSE
-0,019	0,323	-0,001	0,011	0,017	FALSE
0,091	0,303	0,002	0,006	0,133	FALSE
0,128	0,298	0,004	0,008	0,220	FALSE
0,115	0,303	0,004	0,011	0,158	FALSE
-0,025	0,297	0,000	0,009	0,014	FALSE
-0,001	0,298	0,000	0,009	0,006	FALSE
-0,052	0,297	-0,001	0,010	0,049	FALSE
-0,024	0,308	-0,001	0,011	0,039	FALSE
0,006	0,302	0,000	0,011	0,009	FALSE
0,100	0,306	0,002	0,006	0,103	FALSE
0,145	0,315	0,004	0,009	0,160	FALSE
0,028	0,308	0,001	0,007	0,042	FALSE
0,022	0,320	0,001	0,013	0,032	FALSE
-0,040	0,296	-0,001	0,009	0,040	FALSE
-0,152	0,308	-0,006	0,012	0,215	FALSE
-0,149	0,306	-0,005	0,009	0,221	FALSE
-0,132	0,298	-0,007	0,012	0,222	FALSE
-0,004	0,297	0,000	0,009	0,009	FALSE
-0,015	0,306	-0,001	0,009	0,027	FALSE
-0,120	0,307	-0,003	0,006	0,160	FALSE
0,029	0,311	0,001	0,006	0,073	FALSE
0,018	0,308	0,000	0,012	0,006	FALSE
0,075	0,300	0,002	0,011	0,086	FALSE
0,042	0,296	0,002	0,011	0,059	FALSE
-0,081	0,320	-0,004	0,012	0,112	FALSE
-0,056	0,297	-0,002	0,012	0,078	FALSE
0,061	0,293	0,001	0,007	0,053	FALSE
0,037	0,319	0,001	0,008	0,037	FALSE
0,098	0,299	0,002	0,008	0,116	FALSE
0,008	0,302	0,000	0,007	0,002	FALSE
-0,010	0,309	0,000	0,006	0,015	FALSE
-0,041	0,304	-0,001	0,011	0,048	FALSE

0,004	0,300	0,000	0,007	0,002	FALSE
0,083	0,296	0,004	0,011	0,132	FALSE
-0,029	0,300	-0,002	0,012	0,045	FALSE
-0,053	0,316	-0,002	0,010	0,070	FALSE
-0,146	0,297	-0,004	0,008	0,186	FALSE
-0,002	0,317	0,000	0,007	0,023	FALSE
0,117	0,308	0,003	0,007	0,161	FALSE
-0,038	0,315	-0,001	0,006	0,043	FALSE
0,053	0,301	0,002	0,011	0,057	FALSE
-0,033	0,324	-0,001	0,012	0,019	FALSE
-0,141	0,303	-0,003	0,007	0,163	FALSE
0,057	0,309	0,002	0,006	0,111	FALSE
0,028	0,309	0,002	0,011	0,084	FALSE
0,022	0,307	0,000	0,010	0,010	FALSE
-0,303	0,274	-0,012	0,012	0,555	FALSE
-0,007	0,298	-0,001	0,011	0,019	FALSE
0,025	0,309	0,001	0,011	0,022	FALSE
-0,164	0,307	-0,004	0,007	0,212	FALSE
-0,017	0,309	-0,001	0,012	0,027	FALSE
-0,130	0,312	-0,004	0,009	0,157	FALSE
-0,104	0,301	-0,004	0,010	0,141	FALSE
-0,100	0,308	-0,005	0,012	0,151	FALSE
0,130	0,295	0,006	0,012	0,204	FALSE
-0,158	0,301	-0,003	0,007	0,224	FALSE
-0,139	0,307	-0,003	0,007	0,177	FALSE
0,126	0,304	0,005	0,012	0,186	FALSE
0,090	0,289	0,004	0,011	0,129	FALSE
0,013	0,293	0,001	0,010	0,033	FALSE
-0,048	0,315	-0,003	0,012	0,093	FALSE
-0,060	0,304	-0,002	0,008	0,105	FALSE
-0,115	0,299	-0,002	0,006	0,129	FALSE
-0,015	0,310	-0,001	0,011	0,034	FALSE
0,020	0,305	0,001	0,008	0,030	FALSE
-0,025	0,295	0,000	0,007	0,001	FALSE
0,023	0,304	0,002	0,012	0,045	FALSE
-0,038	0,315	0,000	0,012	0,012	FALSE
0,002	0,309	0,000	0,012	0,015	FALSE
0,052	0,296	0,003	0,012	0,090	FALSE
0,037	0,305	0,002	0,013	0,057	FALSE
-0,033	0,316	-0,001	0,013	0,037	FALSE
-0,029	0,311	-0,002	0,011	0,066	FALSE
-0,046	0,306	-0,002	0,010	0,083	FALSE
0,152	0,290	0,003	0,006	0,223	FALSE
0,068	0,309	0,001	0,006	0,076	FALSE
-0,089	0,304	-0,004	0,013	0,139	FALSE
-0,119	0,290	-0,003	0,006	0,165	FALSE
-0,111	0,292	-0,003	0,006	0,175	FALSE
0,041	0,305	0,002	0,009	0,077	FALSE
-0,063	0,321	-0,001	0,008	0,058	FALSE
-0,167	0,300	-0,007	0,012	0,257	FALSE
-0,125	0,286	-0,003	0,006	0,201	FALSE
0,056	0,306	0,002	0,008	0,081	FALSE
-0,087	0,309	-0,002	0,007	0,087	FALSE

-0,060	0,311	-0,001	0,009	0,047	FALSE
-0,059	0,309	-0,001	0,008	0,040	FALSE
0,102	0,302	0,003	0,008	0,161	FALSE
0,071	0,310	0,002	0,007	0,104	FALSE
0,097	0,312	0,003	0,009	0,128	FALSE
0,097	0,294	0,003	0,007	0,152	FALSE
-0,043	0,311	-0,001	0,010	0,033	FALSE
-0,016	0,319	-0,001	0,012	0,026	FALSE
0,096	0,314	0,003	0,010	0,132	FALSE
0,089	0,325	0,004	0,013	0,121	FALSE
-0,087	0,321	-0,003	0,010	0,114	FALSE
-0,149	0,307	-0,004	0,008	0,205	FALSE
-0,071	0,298	-0,003	0,012	0,106	FALSE
0,096	0,304	0,004	0,012	0,143	FALSE
0,008	0,310	0,000	0,007	0,016	FALSE
0,056	0,306	0,002	0,008	0,088	FALSE
-0,097	0,305	-0,002	0,008	0,084	FALSE
0,039	0,303	0,002	0,012	0,048	FALSE
0,038	0,301	0,001	0,008	0,060	FALSE
-0,117	0,303	-0,003	0,007	0,178	FALSE
0,065	0,317	0,002	0,011	0,080	FALSE
-0,192	0,297	-0,004	0,006	0,288	FALSE
-0,104	0,296	-0,004	0,009	0,175	FALSE
0,152	0,300	0,004	0,006	0,248	FALSE
-0,092	0,304	-0,002	0,008	0,103	FALSE
0,107	0,313	0,003	0,010	0,145	FALSE
0,083	0,308	0,003	0,010	0,132	FALSE
-0,050	0,316	-0,002	0,008	0,095	FALSE
-0,002	0,312	0,000	0,013	0,001	FALSE
-0,072	0,307	-0,001	0,007	0,070	FALSE
-0,004	0,305	0,000	0,006	0,014	FALSE
-0,076	0,293	-0,003	0,010	0,126	FALSE
0,042	0,321	0,001	0,008	0,031	FALSE
-0,105	0,300	-0,005	0,012	0,150	FALSE
0,041	0,308	0,001	0,011	0,036	FALSE
0,040	0,293	0,001	0,009	0,040	FALSE
-0,080	0,296	-0,002	0,007	0,106	FALSE
0,137	0,311	0,004	0,008	0,182	FALSE
-0,087	0,307	-0,003	0,009	0,144	FALSE
-0,006	0,311	0,000	0,009	0,005	FALSE
0,097	0,309	0,003	0,011	0,112	FALSE
0,144	0,296	0,004	0,009	0,189	FALSE
0,008	0,314	-0,001	0,012	0,014	FALSE
-0,132	0,296	-0,004	0,010	0,177	FALSE
-0,144	0,294	-0,004	0,010	0,186	FALSE
0,052	0,291	0,001	0,007	0,065	FALSE
0,076	0,307	0,001	0,007	0,073	FALSE
0,017	0,307	0,000	0,008	0,015	FALSE
-0,108	0,308	-0,002	0,007	0,131	FALSE
-0,050	0,319	-0,001	0,009	0,041	FALSE
-0,042	0,304	-0,001	0,008	0,043	FALSE
0,042	0,295	0,001	0,010	0,033	FALSE
0,004	0,299	0,000	0,012	0,007	FALSE

0,023	0,305	0,000	0,007	0,021	FALSE
-0,003	0,315	0,001	0,008	0,022	FALSE
-0,002	0,307	0,001	0,009	0,024	FALSE
0,076	0,297	0,003	0,012	0,097	FALSE
0,027	0,319	0,001	0,011	0,034	FALSE
-0,084	0,311	-0,002	0,010	0,091	FALSE
0,145	0,305	0,004	0,007	0,242	FALSE
0,065	0,312	0,003	0,009	0,121	FALSE
0,092	0,302	0,004	0,010	0,153	FALSE
0,028	0,295	0,001	0,008	0,049	FALSE
-0,019	0,300	0,000	0,007	0,003	FALSE
0,027	0,310	0,001	0,012	0,031	FALSE
0,123	0,309	0,003	0,007	0,173	FALSE
0,054	0,314	0,002	0,011	0,049	FALSE
-0,096	0,315	-0,002	0,010	0,083	FALSE
-0,111	0,310	-0,003	0,009	0,131	FALSE
0,024	0,295	0,002	0,008	0,066	FALSE
-0,065	0,304	-0,002	0,007	0,080	FALSE
0,028	0,307	0,001	0,010	0,040	FALSE
0,080	0,298	0,005	0,012	0,155	FALSE
0,107	0,308	0,004	0,012	0,139	FALSE
0,082	0,302	0,003	0,010	0,115	FALSE
0,117	0,309	0,004	0,011	0,133	FALSE
-0,029	0,306	-0,001	0,010	0,042	FALSE
-0,050	0,308	0,000	0,006	0,011	FALSE
0,086	0,292	0,003	0,011	0,103	FALSE
0,062	0,310	0,003	0,012	0,079	FALSE
0,045	0,309	0,001	0,007	0,049	FALSE
-0,055	0,313	-0,001	0,007	0,072	FALSE
-0,064	0,286	-0,002	0,007	0,091	FALSE
-0,046	0,307	-0,003	0,012	0,096	FALSE
-0,086	0,301	-0,004	0,012	0,133	FALSE
0,045	0,307	0,001	0,007	0,045	FALSE
-0,115	0,316	-0,006	0,013	0,179	FALSE
-0,048	0,309	-0,002	0,012	0,080	FALSE
-0,116	0,297	-0,003	0,008	0,162	FALSE
-0,024	0,307	-0,002	0,012	0,048	FALSE
-0,052	0,309	-0,003	0,012	0,092	FALSE
0,078	0,304	0,003	0,010	0,130	FALSE
0,110	0,291	0,002	0,006	0,097	FALSE
0,011	0,306	0,000	0,008	0,022	FALSE
0,075	0,308	0,003	0,012	0,094	FALSE
0,080	0,310	0,002	0,011	0,089	FALSE
-0,093	0,319	-0,003	0,010	0,112	FALSE
0,007	0,322	0,000	0,009	0,003	FALSE
0,095	0,293	0,002	0,008	0,115	FALSE
-0,075	0,313	-0,003	0,008	0,122	FALSE
0,012	0,308	0,000	0,007	0,009	FALSE
-0,017	0,304	-0,001	0,012	0,017	FALSE
0,100	0,314	0,003	0,012	0,095	FALSE
0,017	0,314	0,000	0,011	0,009	FALSE
0,121	0,299	0,003	0,007	0,188	FALSE
0,141	0,301	0,005	0,009	0,221	FALSE

0,160	0,312	0,005	0,009	0,249	FALSE
-0,050	0,310	-0,001	0,010	0,052	FALSE
-0,026	0,296	0,000	0,007	0,019	FALSE
0,044	0,309	0,001	0,009	0,063	FALSE
0,042	0,322	0,001	0,008	0,065	FALSE
-0,141	0,302	-0,006	0,013	0,206	FALSE
-0,135	0,301	-0,006	0,012	0,195	FALSE
-0,037	0,299	-0,002	0,010	0,083	FALSE
-0,056	0,294	-0,002	0,009	0,090	FALSE
0,039	0,294	0,001	0,009	0,048	FALSE
0,028	0,311	0,001	0,007	0,029	FALSE
-0,080	0,300	-0,004	0,010	0,140	FALSE
0,033	0,299	0,001	0,011	0,018	FALSE
0,030	0,310	0,001	0,007	0,029	FALSE
-0,138	0,307	-0,004	0,008	0,204	FALSE
-0,001	0,300	0,000	0,012	0,012	FALSE
0,046	0,316	0,001	0,007	0,043	FALSE
0,010	0,307	0,002	0,013	0,069	FALSE
0,105	0,307	0,004	0,011	0,140	FALSE
-0,025	0,305	-0,001	0,013	0,024	FALSE
-0,162	0,309	-0,003	0,007	0,205	FALSE
0,002	0,315	0,000	0,007	0,007	FALSE
0,090	0,304	0,002	0,008	0,099	FALSE
0,082	0,313	0,002	0,008	0,091	FALSE
0,065	0,305	0,002	0,013	0,062	FALSE
0,025	0,304	0,001	0,006	0,036	FALSE
-0,038	0,327	-0,002	0,011	0,075	FALSE
0,010	0,305	0,001	0,009	0,045	FALSE
0,090	0,297	0,002	0,010	0,071	FALSE
-0,014	0,302	0,000	0,008	0,010	FALSE
-0,022	0,308	-0,001	0,007	0,046	FALSE
0,180	0,319	0,007	0,010	0,298	FALSE
0,057	0,320	0,002	0,008	0,090	FALSE
0,068	0,317	0,002	0,011	0,074	FALSE
0,033	0,293	0,001	0,007	0,051	FALSE
-0,039	0,322	-0,002	0,010	0,057	FALSE
0,091	0,309	0,003	0,012	0,095	FALSE
0,003	0,303	0,001	0,009	0,039	FALSE
-0,014	0,312	-0,001	0,011	0,050	FALSE
0,110	0,309	0,004	0,009	0,160	FALSE
0,050	0,309	0,001	0,010	0,047	FALSE
-0,015	0,309	-0,001	0,010	0,028	FALSE
-0,041	0,314	-0,001	0,009	0,023	FALSE
0,031	0,309	0,001	0,007	0,066	FALSE
-0,199	0,295	-0,008	0,012	0,292	FALSE
-0,128	0,316	-0,003	0,008	0,155	FALSE
0,186	0,304	0,007	0,013	0,247	FALSE
0,131	0,297	0,004	0,009	0,177	FALSE
0,069	0,305	0,002	0,007	0,088	FALSE
-0,018	0,301	-0,001	0,009	0,033	FALSE
0,123	0,308	0,003	0,008	0,174	FALSE
0,160	0,307	0,006	0,011	0,266	FALSE
0,131	0,296	0,004	0,010	0,186	FALSE

0,140	0,297	0,004	0,008	0,222	FALSE
0,027	0,297	0,000	0,011	0,010	FALSE
-0,028	0,311	-0,001	0,008	0,023	FALSE
0,095	0,318	0,004	0,012	0,112	FALSE
0,116	0,309	0,005	0,012	0,165	FALSE
-0,088	0,312	-0,003	0,012	0,094	FALSE
0,037	0,309	0,001	0,007	0,026	FALSE
-0,104	0,310	-0,003	0,008	0,134	FALSE
-0,069	0,321	-0,002	0,009	0,094	FALSE
-0,002	0,328	0,000	0,010	0,006	FALSE
-0,050	0,309	-0,002	0,009	0,078	FALSE
-0,036	0,304	-0,001	0,009	0,065	FALSE
0,018	0,317	0,000	0,009	0,013	FALSE
-0,020	0,304	-0,001	0,008	0,045	FALSE
-0,013	0,311	-0,001	0,009	0,021	FALSE
0,007	0,312	0,000	0,009	0,005	FALSE
-0,119	0,304	-0,003	0,008	0,168	FALSE
-0,100	0,302	-0,003	0,008	0,137	FALSE
0,044	0,304	0,003	0,012	0,090	FALSE
0,053	0,310	0,003	0,013	0,106	FALSE
0,060	0,307	0,003	0,012	0,104	FALSE
-0,072	0,300	-0,003	0,011	0,087	FALSE
-0,183	0,284	-0,008	0,011	0,311	FALSE
-0,208	0,282	-0,009	0,011	0,369	FALSE
-0,205	0,290	-0,009	0,011	0,357	FALSE
0,131	0,299	0,004	0,012	0,143	FALSE
-0,162	0,300	-0,007	0,011	0,261	FALSE
0,115	0,308	0,004	0,012	0,134	FALSE
0,220	0,266	0,007	0,007	0,474	FALSE
-0,014	0,319	0,000	0,012	0,006	FALSE
-0,106	0,306	-0,004	0,012	0,133	FALSE
0,037	0,305	0,001	0,008	0,033	FALSE
-0,035	0,310	-0,002	0,012	0,055	FALSE
-0,040	0,312	-0,002	0,012	0,058	FALSE
-0,044	0,298	0,000	0,007	0,006	FALSE
0,073	0,306	0,003	0,012	0,102	FALSE
0,093	0,300	0,004	0,012	0,151	FALSE
0,046	0,300	0,001	0,011	0,036	FALSE
-0,031	0,310	0,000	0,009	0,005	FALSE
0,148	0,309	0,007	0,013	0,234	FALSE
0,035	0,304	0,002	0,012	0,059	FALSE
0,021	0,312	0,002	0,012	0,050	FALSE
-0,088	0,315	-0,004	0,011	0,133	FALSE
0,078	0,325	0,003	0,012	0,112	FALSE
-0,084	0,308	-0,004	0,009	0,163	FALSE
-0,111	0,294	-0,004	0,009	0,162	FALSE
0,031	0,306	0,001	0,009	0,052	FALSE
-0,029	0,297	-0,001	0,009	0,049	FALSE
0,073	0,311	0,003	0,009	0,121	FALSE
-0,041	0,290	-0,002	0,008	0,084	FALSE
0,047	0,312	0,001	0,006	0,064	FALSE
0,097	0,312	0,003	0,008	0,129	FALSE
0,157	0,304	0,005	0,009	0,222	FALSE

-0,088	0,310	-0,004	0,012	0,115	FALSE
0,049	0,299	0,001	0,006	0,062	FALSE
0,035	0,304	0,001	0,006	0,052	FALSE
0,071	0,305	0,001	0,008	0,071	FALSE
0,022	0,326	0,001	0,011	0,042	FALSE
-0,049	0,328	-0,003	0,013	0,077	FALSE
-0,025	0,299	0,000	0,007	0,017	FALSE
-0,175	0,292	-0,006	0,009	0,263	FALSE
-0,125	0,291	-0,003	0,008	0,172	FALSE
-0,096	0,301	-0,004	0,012	0,127	FALSE
-0,046	0,309	-0,002	0,012	0,061	FALSE
-0,004	0,310	0,000	0,007	0,002	FALSE
0,001	0,307	0,000	0,007	0,006	FALSE
0,012	0,301	0,000	0,007	0,016	FALSE
-0,050	0,318	-0,002	0,013	0,053	FALSE
-0,156	0,298	-0,005	0,010	0,222	FALSE
0,021	0,305	0,001	0,008	0,045	FALSE
0,132	0,300	0,006	0,012	0,198	FALSE
-0,151	0,306	-0,005	0,011	0,206	FALSE
0,001	0,302	0,000	0,007	0,021	FALSE
0,010	0,328	0,000	0,013	0,001	FALSE
0,030	0,308	0,002	0,009	0,064	FALSE
-0,116	0,285	-0,003	0,011	0,120	FALSE
0,080	0,299	0,002	0,007	0,119	FALSE
0,029	0,308	0,001	0,008	0,051	FALSE
0,065	0,295	0,001	0,008	0,071	FALSE
0,038	0,299	0,001	0,007	0,032	FALSE
-0,127	0,307	-0,005	0,013	0,144	FALSE
0,084	0,321	0,002	0,013	0,073	FALSE
0,070	0,307	0,002	0,006	0,113	FALSE
-0,001	0,299	0,000	0,011	0,013	FALSE
-0,004	0,306	0,000	0,010	0,008	FALSE
-0,070	0,308	-0,003	0,010	0,102	FALSE
-0,079	0,302	-0,002	0,009	0,087	FALSE
-0,085	0,301	-0,002	0,009	0,105	FALSE
-0,218	0,291	-0,006	0,009	0,320	FALSE
-0,057	0,294	-0,002	0,010	0,090	FALSE
0,075	0,303	0,002	0,007	0,102	FALSE
0,019	0,302	0,000	0,012	0,008	FALSE
0,116	0,313	0,004	0,011	0,156	FALSE
0,033	0,311	0,001	0,010	0,035	FALSE
-0,116	0,306	-0,003	0,008	0,167	FALSE
-0,079	0,319	-0,002	0,008	0,096	FALSE
-0,048	0,317	-0,001	0,008	0,041	FALSE
0,039	0,307	0,001	0,007	0,048	FALSE
-0,094	0,296	-0,003	0,008	0,142	FALSE
-0,006	0,314	0,000	0,013	0,001	FALSE
0,028	0,324	0,000	0,012	0,003	FALSE
0,048	0,308	0,001	0,007	0,075	FALSE
0,027	0,315	0,002	0,013	0,053	FALSE
-0,043	0,309	-0,001	0,007	0,062	FALSE
-0,071	0,309	-0,002	0,009	0,072	FALSE
-0,017	0,291	-0,001	0,008	0,028	FALSE

-0,035	0,312	0,000	0,009	0,017	FALSE
-0,018	0,311	0,000	0,007	0,018	FALSE
0,014	0,331	0,000	0,009	0,012	FALSE
0,023	0,303	0,001	0,007	0,024	FALSE
-0,091	0,312	-0,002	0,010	0,094	FALSE
0,102	0,301	0,003	0,011	0,105	FALSE
-0,055	0,314	-0,001	0,007	0,048	FALSE
0,009	0,294	0,001	0,009	0,020	FALSE
0,027	0,314	0,001	0,011	0,034	FALSE
-0,048	0,300	-0,001	0,010	0,048	FALSE
-0,104	0,309	-0,002	0,008	0,111	FALSE
-0,076	0,311	-0,001	0,008	0,059	FALSE
-0,026	0,305	0,000	0,006	0,022	FALSE
-0,066	0,310	-0,004	0,011	0,137	FALSE
-0,004	0,306	0,000	0,006	0,018	FALSE
-0,050	0,293	-0,002	0,013	0,072	FALSE
0,035	0,310	0,001	0,009	0,041	FALSE
-0,080	0,295	-0,004	0,012	0,144	FALSE
-0,133	0,315	-0,006	0,013	0,204	FALSE
-0,057	0,308	-0,002	0,011	0,073	FALSE
-0,023	0,312	0,000	0,009	0,002	FALSE
-0,133	0,304	-0,005	0,011	0,179	FALSE
0,123	0,297	0,005	0,012	0,155	FALSE
0,082	0,303	0,003	0,011	0,111	FALSE
0,077	0,305	0,002	0,007	0,110	FALSE
-0,046	0,299	-0,001	0,009	0,040	FALSE
0,080	0,315	0,004	0,013	0,109	FALSE
-0,034	0,302	0,000	0,006	0,016	FALSE
-0,009	0,322	-0,001	0,008	0,032	FALSE
-0,017	0,310	-0,001	0,006	0,030	FALSE
-0,042	0,303	0,000	0,006	0,027	FALSE
0,048	0,295	0,001	0,009	0,043	FALSE
-0,075	0,311	-0,002	0,008	0,105	FALSE
0,063	0,300	0,002	0,011	0,080	FALSE
0,068	0,302	0,002	0,010	0,063	FALSE
0,044	0,298	0,001	0,008	0,062	FALSE
-0,053	0,307	-0,001	0,008	0,049	FALSE
-0,006	0,308	0,000	0,007	0,015	FALSE
-0,029	0,313	-0,001	0,006	0,031	FALSE
0,057	0,303	0,001	0,006	0,076	FALSE
-0,027	0,307	-0,001	0,011	0,030	FALSE
-0,071	0,320	-0,001	0,009	0,058	FALSE
-0,003	0,299	0,000	0,009	0,004	FALSE
0,155	0,295	0,003	0,006	0,231	FALSE
0,215	0,297	0,006	0,007	0,387	FALSE
0,009	0,294	0,001	0,012	0,016	FALSE
-0,059	0,305	-0,003	0,011	0,095	FALSE
0,052	0,316	0,002	0,012	0,050	FALSE
-0,080	0,292	-0,004	0,012	0,123	FALSE
0,107	0,311	0,002	0,006	0,142	FALSE
-0,113	0,307	-0,003	0,007	0,159	FALSE
-0,101	0,320	-0,003	0,008	0,144	FALSE
0,145	0,314	0,004	0,009	0,203	FALSE

-0,124	0,304	-0,003	0,008	0,181	FALSE
-0,022	0,313	0,000	0,006	0,005	FALSE
-0,078	0,304	-0,002	0,010	0,072	FALSE
0,049	0,311	0,001	0,008	0,063	FALSE
-0,063	0,305	-0,003	0,011	0,094	FALSE
0,053	0,305	0,002	0,008	0,080	FALSE
-0,126	0,307	-0,003	0,008	0,177	FALSE
-0,086	0,296	-0,003	0,008	0,162	FALSE
-0,096	0,311	-0,004	0,012	0,150	FALSE
0,177	0,305	0,004	0,008	0,259	FALSE
0,220	0,288	0,006	0,008	0,362	FALSE
-0,082	0,318	-0,003	0,009	0,130	FALSE
-0,031	0,314	-0,001	0,009	0,034	FALSE
-0,083	0,302	-0,002	0,012	0,073	FALSE
-0,159	0,292	-0,004	0,007	0,229	FALSE
-0,044	0,302	-0,001	0,008	0,042	FALSE
0,008	0,306	0,000	0,010	0,015	FALSE
-0,074	0,290	-0,003	0,012	0,082	FALSE
-0,109	0,312	-0,003	0,008	0,139	FALSE
-0,099	0,301	-0,002	0,007	0,130	FALSE
-0,122	0,298	-0,005	0,012	0,179	FALSE
0,043	0,297	0,002	0,008	0,087	FALSE
-0,220	0,312	-0,006	0,009	0,318	FALSE
0,058	0,295	0,002	0,007	0,094	FALSE
-0,035	0,294	-0,001	0,011	0,044	FALSE
0,146	0,296	0,004	0,007	0,228	FALSE
-0,147	0,319	-0,003	0,007	0,183	FALSE
-0,094	0,302	-0,004	0,011	0,128	FALSE
-0,006	0,308	0,000	0,009	0,012	FALSE
-0,053	0,310	-0,002	0,012	0,063	FALSE
0,036	0,319	0,001	0,010	0,043	FALSE
-0,041	0,302	-0,001	0,009	0,047	FALSE
-0,133	0,310	-0,005	0,012	0,167	FALSE
0,010	0,301	0,000	0,009	0,004	FALSE
-0,051	0,308	-0,002	0,011	0,063	FALSE
0,013	0,313	0,001	0,013	0,020	FALSE
0,116	0,301	0,003	0,009	0,133	FALSE
-0,020	0,303	0,001	0,009	0,035	FALSE
-0,110	0,294	-0,003	0,007	0,157	FALSE
-0,073	0,302	-0,004	0,010	0,154	FALSE
-0,076	0,289	-0,004	0,010	0,151	FALSE
-0,090	0,310	-0,005	0,011	0,178	FALSE
-0,018	0,313	0,000	0,007	0,018	FALSE
0,012	0,309	0,001	0,012	0,037	FALSE
-0,049	0,311	-0,002	0,011	0,053	FALSE
-0,014	0,308	-0,001	0,008	0,031	FALSE
0,006	0,310	0,000	0,009	0,005	FALSE
-0,079	0,300	-0,002	0,006	0,093	FALSE
-0,068	0,298	-0,003	0,010	0,105	FALSE
-0,025	0,315	-0,001	0,009	0,039	FALSE
-0,057	0,297	-0,001	0,006	0,069	FALSE
-0,205	0,305	-0,008	0,010	0,341	FALSE
0,096	0,315	0,002	0,009	0,079	FALSE

0,032	0,306	0,001	0,008	0,042	FALSE
-0,075	0,305	-0,002	0,010	0,078	FALSE
-0,067	0,307	-0,003	0,013	0,075	FALSE
-0,048	0,308	-0,001	0,006	0,046	FALSE
0,023	0,301	0,000	0,012	0,002	FALSE
0,096	0,301	0,003	0,010	0,116	FALSE
0,106	0,307	0,005	0,012	0,160	FALSE
0,104	0,304	0,004	0,013	0,135	FALSE
-0,027	0,314	-0,001	0,009	0,032	FALSE
-0,016	0,305	0,000	0,013	0,010	FALSE
-0,007	0,309	0,000	0,009	0,004	FALSE
0,035	0,285	0,001	0,012	0,036	FALSE
0,013	0,296	0,000	0,006	0,017	FALSE
0,025	0,305	0,000	0,009	0,013	FALSE
-0,083	0,309	-0,003	0,012	0,105	FALSE
-0,068	0,318	-0,001	0,006	0,072	FALSE
0,079	0,299	0,001	0,008	0,069	FALSE
-0,020	0,294	-0,001	0,007	0,037	FALSE
-0,151	0,298	-0,003	0,007	0,182	FALSE
0,080	0,296	0,002	0,007	0,101	FALSE
-0,049	0,295	-0,002	0,012	0,064	FALSE
-0,008	0,318	0,000	0,013	0,001	FALSE
0,085	0,319	0,001	0,006	0,073	FALSE
0,075	0,299	0,004	0,012	0,138	FALSE
-0,009	0,318	0,000	0,007	0,008	FALSE
-0,080	0,321	-0,004	0,013	0,108	FALSE
0,006	0,296	0,001	0,008	0,034	FALSE
-0,024	0,293	-0,002	0,012	0,072	FALSE
0,028	0,307	0,000	0,010	0,000	FALSE
0,103	0,304	0,004	0,013	0,130	FALSE
0,039	0,308	0,002	0,012	0,061	FALSE
-0,041	0,315	-0,001	0,007	0,033	FALSE
0,072	0,317	0,002	0,008	0,093	FALSE
0,026	0,310	0,000	0,006	0,001	FALSE
-0,017	0,294	-0,001	0,011	0,021	FALSE
0,002	0,319	0,000	0,009	0,011	FALSE
-0,034	0,295	-0,001	0,009	0,059	FALSE
0,069	0,298	0,002	0,008	0,119	FALSE
0,114	0,298	0,002	0,007	0,147	FALSE
-0,067	0,318	-0,003	0,012	0,091	FALSE
0,071	0,304	0,004	0,012	0,117	FALSE
0,017	0,316	0,000	0,009	0,003	FALSE
-0,061	0,297	-0,002	0,008	0,088	FALSE
0,103	0,304	0,002	0,008	0,125	FALSE
-0,107	0,297	-0,002	0,007	0,131	FALSE
0,025	0,314	0,000	0,006	0,019	FALSE
-0,079	0,310	-0,004	0,012	0,125	FALSE
0,050	0,303	0,001	0,010	0,052	FALSE
0,117	0,300	0,004	0,007	0,212	FALSE
0,055	0,311	0,001	0,009	0,033	FALSE
0,010	0,306	0,000	0,010	0,011	FALSE
-0,090	0,301	-0,002	0,007	0,100	FALSE
-0,003	0,298	0,000	0,008	0,015	FALSE

0,025	0,304	0,000	0,007	0,023	FALSE
-0,075	0,294	-0,002	0,012	0,055	FALSE
-0,082	0,296	-0,002	0,012	0,069	FALSE
-0,121	0,314	-0,004	0,008	0,186	FALSE
-0,141	0,309	-0,005	0,011	0,204	FALSE
0,086	0,303	0,003	0,011	0,126	FALSE
0,094	0,305	0,002	0,008	0,103	FALSE
-0,053	0,310	-0,001	0,008	0,036	FALSE
0,075	0,301	0,002	0,009	0,074	FALSE
0,029	0,324	0,000	0,006	0,025	FALSE
0,104	0,305	0,004	0,011	0,155	FALSE
0,067	0,293	0,002	0,012	0,058	FALSE
0,164	0,295	0,005	0,011	0,182	FALSE
0,001	0,314	0,000	0,010	0,010	FALSE
-0,108	0,305	-0,003	0,011	0,116	FALSE
0,023	0,301	0,000	0,006	0,024	FALSE
0,123	0,294	0,006	0,012	0,199	FALSE
-0,022	0,299	0,000	0,007	0,017	FALSE
0,032	0,310	0,001	0,007	0,034	FALSE
-0,050	0,310	-0,002	0,010	0,086	FALSE
-0,006	0,315	0,000	0,013	0,009	FALSE
-0,036	0,301	-0,001	0,006	0,041	FALSE
0,097	0,311	0,004	0,012	0,110	FALSE
0,089	0,300	0,002	0,007	0,126	FALSE
0,032	0,304	0,001	0,012	0,027	FALSE
0,107	0,308	0,003	0,007	0,136	FALSE
-0,082	0,288	-0,004	0,012	0,132	FALSE
-0,064	0,307	-0,002	0,009	0,089	FALSE
-0,082	0,320	-0,003	0,013	0,104	FALSE
-0,020	0,306	-0,001	0,008	0,039	FALSE
0,077	0,308	0,002	0,008	0,075	FALSE
0,029	0,296	0,000	0,012	0,008	FALSE
-0,009	0,299	0,000	0,007	0,023	FALSE
0,038	0,294	0,001	0,007	0,048	FALSE
-0,048	0,298	-0,001	0,012	0,023	FALSE
0,096	0,313	0,003	0,012	0,101	FALSE
0,065	0,300	0,002	0,009	0,067	FALSE
-0,004	0,309	-0,001	0,012	0,017	FALSE
-0,044	0,314	-0,002	0,013	0,051	FALSE
-0,022	0,307	-0,001	0,011	0,039	FALSE
0,059	0,302	0,003	0,012	0,085	FALSE
-0,010	0,308	0,000	0,009	0,000	FALSE
-0,094	0,313	-0,004	0,013	0,124	FALSE
-0,113	0,306	-0,003	0,007	0,161	FALSE
-0,031	0,316	0,000	0,010	0,013	FALSE
0,092	0,314	0,002	0,008	0,093	FALSE
0,075	0,307	0,002	0,007	0,095	FALSE
-0,104	0,303	-0,004	0,012	0,138	FALSE
0,135	0,312	0,004	0,010	0,175	FALSE
-0,041	0,304	-0,001	0,009	0,023	FALSE
-0,084	0,302	-0,002	0,007	0,110	FALSE
0,033	0,308	0,001	0,008	0,045	FALSE
-0,113	0,308	-0,004	0,010	0,141	FALSE

0,005	0,313	0,000	0,007	0,009	FALSE
-0,097	0,302	-0,003	0,007	0,139	FALSE
0,061	0,308	0,001	0,007	0,062	FALSE
0,046	0,305	0,002	0,011	0,063	FALSE
0,018	0,321	0,000	0,009	0,013	FALSE
0,014	0,324	0,000	0,007	0,024	FALSE
-0,014	0,306	-0,001	0,006	0,040	FALSE
0,029	0,310	0,000	0,006	0,010	FALSE
-0,052	0,309	-0,001	0,007	0,056	FALSE
0,064	0,292	0,001	0,007	0,081	FALSE
-0,205	0,293	-0,006	0,008	0,314	FALSE
0,101	0,290	0,002	0,008	0,125	FALSE
0,151	0,304	0,005	0,009	0,255	FALSE
0,075	0,312	0,003	0,012	0,078	FALSE
0,058	0,314	0,002	0,008	0,081	FALSE
0,094	0,298	0,003	0,008	0,132	FALSE
0,063	0,303	0,002	0,012	0,067	FALSE
0,111	0,304	0,003	0,009	0,150	FALSE
-0,090	0,311	-0,002	0,008	0,106	FALSE
-0,164	0,290	-0,004	0,006	0,245	FALSE
0,072	0,302	0,002	0,008	0,081	FALSE
-0,023	0,307	0,000	0,010	0,007	FALSE
-0,041	0,302	0,000	0,010	0,013	FALSE
-0,056	0,312	-0,003	0,012	0,103	FALSE
-0,054	0,297	-0,003	0,012	0,104	FALSE
0,135	0,314	0,005	0,011	0,189	FALSE
0,097	0,308	0,005	0,012	0,150	FALSE
-0,081	0,307	-0,004	0,013	0,110	FALSE
-0,077	0,299	-0,003	0,013	0,107	FALSE
0,050	0,290	0,001	0,012	0,023	FALSE
-0,077	0,313	-0,002	0,008	0,116	FALSE
-0,081	0,308	-0,001	0,006	0,081	FALSE
0,040	0,315	0,001	0,009	0,059	FALSE
-0,006	0,311	0,000	0,010	0,009	FALSE
0,082	0,306	0,002	0,006	0,152	FALSE
0,143	0,312	0,005	0,009	0,219	FALSE
-0,077	0,316	-0,001	0,006	0,078	FALSE
0,038	0,316	0,000	0,007	0,010	FALSE
-0,054	0,307	-0,002	0,007	0,083	FALSE
0,074	0,298	0,002	0,008	0,095	FALSE
-0,169	0,298	-0,005	0,009	0,224	FALSE
0,177	0,305	0,006	0,011	0,219	FALSE
-0,213	0,294	-0,007	0,011	0,284	FALSE
-0,006	0,320	0,000	0,013	0,000	FALSE
-0,023	0,322	0,000	0,007	0,019	FALSE
-0,093	0,318	-0,003	0,010	0,131	FALSE
-0,088	0,282	-0,005	0,012	0,163	FALSE
0,112	0,306	0,004	0,010	0,143	FALSE
0,058	0,304	0,002	0,012	0,066	FALSE
0,034	0,313	0,001	0,012	0,030	FALSE
0,106	0,313	0,003	0,010	0,131	FALSE
-0,044	0,290	-0,001	0,008	0,050	FALSE
-0,017	0,312	-0,001	0,009	0,029	FALSE

-0,045	0,308	-0,002	0,009	0,086	FALSE
-0,080	0,315	-0,003	0,012	0,080	FALSE
0,062	0,314	0,002	0,012	0,052	FALSE
-0,056	0,306	-0,004	0,012	0,126	FALSE
-0,084	0,301	-0,002	0,009	0,100	FALSE
-0,129	0,295	-0,003	0,008	0,157	FALSE
-0,024	0,311	-0,001	0,008	0,024	FALSE
0,138	0,305	0,004	0,007	0,201	FALSE
0,119	0,308	0,003	0,008	0,149	FALSE
-0,134	0,304	-0,006	0,011	0,207	FALSE
0,028	0,300	0,001	0,009	0,054	FALSE
0,084	0,312	0,005	0,013	0,139	FALSE
-0,022	0,312	-0,001	0,012	0,045	FALSE
-0,199	0,299	-0,005	0,008	0,276	FALSE
0,064	0,307	0,002	0,012	0,065	FALSE
0,104	0,313	0,004	0,010	0,158	FALSE
0,032	0,311	0,002	0,012	0,064	FALSE
0,011	0,306	0,000	0,007	0,013	FALSE
-0,012	0,308	0,000	0,006	0,001	FALSE
-0,095	0,299	-0,003	0,009	0,134	FALSE
0,078	0,309	0,003	0,011	0,096	FALSE
-0,027	0,304	0,000	0,008	0,020	FALSE
0,092	0,304	0,003	0,012	0,110	FALSE
0,086	0,303	0,004	0,011	0,136	FALSE
0,105	0,317	0,004	0,011	0,153	FALSE
0,041	0,316	0,001	0,007	0,058	FALSE
0,038	0,317	0,001	0,011	0,030	FALSE
0,067	0,303	0,002	0,006	0,123	FALSE
0,013	0,301	0,001	0,008	0,036	FALSE
-0,015	0,290	0,000	0,008	0,008	FALSE
0,056	0,308	0,001	0,006	0,068	FALSE
0,099	0,302	0,002	0,009	0,094	FALSE
0,093	0,310	0,002	0,009	0,099	FALSE
-0,064	0,325	-0,002	0,009	0,089	FALSE
-0,036	0,294	-0,002	0,009	0,068	FALSE
0,011	0,309	0,001	0,011	0,027	FALSE
0,008	0,289	0,000	0,008	0,012	FALSE
0,077	0,304	0,003	0,009	0,138	FALSE
-0,057	0,310	-0,002	0,011	0,060	FALSE
-0,091	0,302	-0,003	0,011	0,109	FALSE
0,037	0,292	0,001	0,008	0,046	FALSE
-0,040	0,302	-0,002	0,009	0,061	FALSE
-0,084	0,312	-0,003	0,012	0,094	FALSE
0,075	0,305	0,003	0,013	0,074	FALSE
-0,015	0,307	0,000	0,009	0,013	FALSE
-0,101	0,305	-0,002	0,007	0,112	FALSE
0,052	0,302	0,002	0,008	0,120	FALSE
0,104	0,290	0,003	0,007	0,210	FALSE
-0,015	0,308	0,000	0,011	0,008	FALSE
0,071	0,325	0,003	0,010	0,117	FALSE
-0,003	0,305	0,001	0,012	0,022	FALSE
-0,038	0,317	-0,001	0,009	0,031	FALSE
0,005	0,314	0,000	0,010	0,003	FALSE

0,236	0,294	0,007	0,009	0,345	FALSE
-0,029	0,322	-0,001	0,007	0,041	FALSE
0,120	0,305	0,003	0,007	0,161	FALSE
-0,023	0,303	-0,001	0,006	0,039	FALSE
0,087	0,302	0,002	0,009	0,080	FALSE
0,022	0,306	0,001	0,007	0,043	FALSE
-0,012	0,285	0,000	0,006	0,030	FALSE
-0,067	0,312	-0,003	0,012	0,084	FALSE
-0,082	0,305	-0,003	0,009	0,139	FALSE
-0,079	0,295	-0,002	0,007	0,121	FALSE
0,014	0,295	0,001	0,012	0,034	FALSE
-0,021	0,305	-0,001	0,006	0,038	FALSE
-0,021	0,310	0,000	0,007	0,003	FALSE
-0,050	0,304	-0,001	0,010	0,048	FALSE
0,041	0,296	0,003	0,012	0,081	FALSE
0,080	0,316	0,002	0,011	0,081	FALSE
-0,028	0,305	0,000	0,009	0,008	FALSE
-0,003	0,326	0,000	0,007	0,004	FALSE
-0,106	0,310	-0,002	0,009	0,102	FALSE
0,054	0,303	0,002	0,011	0,060	FALSE
-0,075	0,311	-0,002	0,008	0,081	FALSE
0,116	0,296	0,002	0,006	0,133	FALSE
0,174	0,303	0,006	0,010	0,247	FALSE
0,030	0,307	0,002	0,012	0,062	FALSE
0,029	0,309	0,002	0,010	0,068	FALSE
0,078	0,299	0,004	0,012	0,115	FALSE
-0,111	0,314	-0,004	0,012	0,139	FALSE
0,019	0,315	0,001	0,011	0,023	FALSE
-0,007	0,327	0,000	0,012	0,008	FALSE
-0,086	0,301	-0,002	0,007	0,134	FALSE
-0,031	0,299	0,000	0,008	0,007	FALSE
-0,025	0,320	-0,001	0,012	0,026	FALSE
-0,090	0,298	-0,002	0,008	0,100	FALSE
-0,069	0,311	-0,001	0,007	0,076	FALSE
-0,106	0,295	-0,004	0,012	0,118	FALSE
0,011	0,291	0,001	0,007	0,034	FALSE
0,072	0,288	0,003	0,009	0,123	FALSE
-0,163	0,293	-0,004	0,008	0,189	FALSE
-0,031	0,297	-0,001	0,009	0,047	FALSE
0,026	0,315	0,001	0,010	0,027	FALSE
-0,047	0,310	-0,001	0,006	0,070	FALSE
-0,076	0,311	-0,002	0,007	0,106	FALSE
-0,042	0,313	-0,001	0,006	0,041	FALSE
-0,059	0,315	-0,004	0,011	0,122	FALSE
-0,009	0,304	-0,001	0,008	0,029	FALSE
-0,003	0,318	0,000	0,009	0,018	FALSE
0,074	0,301	0,003	0,010	0,101	FALSE
-0,090	0,311	-0,003	0,008	0,121	FALSE
0,053	0,288	0,001	0,011	0,033	FALSE
-0,046	0,298	-0,002	0,008	0,071	FALSE
0,072	0,318	0,002	0,009	0,071	FALSE
0,037	0,313	0,000	0,009	0,016	FALSE
0,025	0,296	0,000	0,007	0,021	FALSE

0,023	0,315	0,000	0,007	0,008	FALSE
0,100	0,311	0,003	0,012	0,105	FALSE
-0,129	0,302	-0,004	0,012	0,145	FALSE
-0,071	0,291	-0,003	0,010	0,132	FALSE
-0,096	0,305	-0,003	0,012	0,109	FALSE
0,028	0,294	0,001	0,006	0,053	FALSE
-0,053	0,308	-0,002	0,012	0,055	FALSE
-0,030	0,313	-0,001	0,007	0,053	FALSE
0,036	0,313	0,001	0,010	0,035	FALSE
-0,086	0,319	-0,003	0,012	0,097	FALSE
-0,002	0,316	0,000	0,007	0,010	FALSE
-0,076	0,299	-0,001	0,007	0,057	FALSE
0,105	0,317	0,002	0,007	0,130	FALSE
0,032	0,311	0,000	0,007	0,023	FALSE
-0,066	0,311	-0,001	0,006	0,081	FALSE
-0,027	0,320	-0,001	0,007	0,037	FALSE
0,006	0,295	0,000	0,008	0,023	FALSE
0,008	0,307	0,000	0,012	0,005	FALSE
0,049	0,296	0,001	0,006	0,047	FALSE
0,025	0,312	0,001	0,007	0,028	FALSE
0,003	0,311	0,000	0,012	0,011	FALSE
-0,050	0,307	-0,002	0,009	0,069	FALSE
-0,145	0,304	-0,004	0,009	0,202	FALSE
-0,032	0,320	-0,002	0,013	0,045	FALSE
-0,057	0,290	-0,001	0,007	0,073	FALSE
-0,042	0,291	-0,001	0,007	0,054	FALSE
-0,088	0,303	-0,002	0,007	0,133	FALSE
-0,128	0,313	-0,003	0,007	0,181	FALSE
-0,128	0,304	-0,003	0,007	0,200	FALSE
0,073	0,300	0,002	0,008	0,094	FALSE
-0,043	0,311	-0,003	0,013	0,074	FALSE
-0,074	0,318	-0,004	0,013	0,115	FALSE
0,013	0,307	0,000	0,013	0,003	FALSE
-0,027	0,308	0,000	0,013	0,014	FALSE
-0,064	0,306	-0,002	0,008	0,089	FALSE
-0,087	0,309	-0,004	0,012	0,124	FALSE
0,112	0,296	0,003	0,008	0,165	FALSE
-0,083	0,297	-0,001	0,006	0,064	FALSE
0,036	0,299	0,001	0,006	0,044	FALSE
0,044	0,306	0,001	0,008	0,026	FALSE
0,099	0,299	0,003	0,011	0,103	FALSE
0,023	0,310	0,001	0,012	0,018	FALSE
0,068	0,307	0,002	0,009	0,088	FALSE
0,036	0,308	0,000	0,007	0,024	FALSE
-0,030	0,301	-0,001	0,010	0,030	FALSE
0,006	0,299	0,001	0,012	0,016	FALSE
-0,016	0,294	0,000	0,012	0,012	FALSE
0,128	0,305	0,003	0,008	0,168	FALSE
0,011	0,318	0,000	0,007	0,006	FALSE
-0,074	0,299	-0,001	0,008	0,065	FALSE
-0,069	0,303	-0,002	0,009	0,097	FALSE
-0,067	0,309	-0,001	0,007	0,074	FALSE
-0,142	0,292	-0,004	0,008	0,192	FALSE

0,003	0,310	0,001	0,006	0,036	FALSE
0,121	0,298	0,003	0,009	0,136	FALSE
-0,207	0,299	-0,007	0,011	0,293	FALSE
0,142	0,305	0,006	0,012	0,191	FALSE
0,053	0,307	0,001	0,011	0,021	FALSE
0,098	0,301	0,002	0,008	0,109	FALSE
-0,119	0,301	-0,004	0,008	0,186	FALSE
-0,056	0,294	-0,001	0,008	0,029	FALSE
-0,180	0,301	-0,005	0,007	0,264	FALSE
0,054	0,306	0,003	0,012	0,085	FALSE
0,017	0,296	0,001	0,011	0,048	FALSE
0,065	0,320	0,002	0,012	0,063	FALSE
0,072	0,316	0,003	0,010	0,103	FALSE
0,083	0,311	0,002	0,007	0,108	FALSE
0,011	0,307	0,000	0,012	0,004	FALSE
-0,142	0,305	-0,004	0,008	0,221	FALSE
-0,071	0,322	-0,003	0,008	0,121	FALSE
0,159	0,297	0,004	0,007	0,210	FALSE
0,027	0,307	0,001	0,012	0,037	FALSE
-0,026	0,291	0,000	0,009	0,009	FALSE
-0,077	0,289	-0,001	0,006	0,053	FALSE
-0,068	0,308	-0,002	0,008	0,089	FALSE
-0,160	0,306	-0,006	0,012	0,222	FALSE
0,139	0,278	0,006	0,010	0,241	FALSE
0,104	0,300	0,003	0,008	0,137	FALSE
0,035	0,300	0,001	0,007	0,044	FALSE
-0,087	0,314	-0,002	0,009	0,105	FALSE
-0,061	0,301	-0,002	0,007	0,080	FALSE
-0,124	0,295	-0,004	0,011	0,145	FALSE
0,100	0,304	0,003	0,012	0,082	FALSE
0,058	0,308	0,001	0,008	0,063	FALSE
0,137	0,302	0,003	0,009	0,149	FALSE
-0,094	0,308	-0,002	0,007	0,137	FALSE
0,083	0,296	0,004	0,010	0,139	FALSE
0,059	0,300	0,002	0,009	0,066	FALSE
0,004	0,303	0,001	0,013	0,017	FALSE
0,137	0,308	0,005	0,011	0,170	FALSE
0,090	0,314	0,002	0,008	0,095	FALSE
-0,033	0,312	-0,001	0,012	0,029	FALSE
0,034	0,302	0,001	0,013	0,023	FALSE
-0,083	0,322	-0,003	0,009	0,113	FALSE
0,091	0,311	0,002	0,007	0,099	FALSE
0,096	0,295	0,003	0,009	0,136	FALSE
-0,139	0,310	-0,005	0,011	0,197	FALSE
-0,158	0,296	-0,006	0,010	0,242	FALSE
-0,145	0,290	-0,005	0,010	0,225	FALSE
-0,164	0,292	-0,006	0,010	0,263	FALSE
0,044	0,318	0,001	0,008	0,045	FALSE
-0,014	0,309	0,000	0,009	0,004	FALSE
-0,070	0,295	-0,002	0,012	0,060	FALSE
0,046	0,306	0,002	0,012	0,047	FALSE
-0,109	0,300	-0,005	0,012	0,169	FALSE
0,020	0,311	0,001	0,012	0,039	FALSE

0,109	0,297	0,002	0,007	0,130	FALSE
-0,012	0,313	0,000	0,008	0,003	FALSE
-0,047	0,296	-0,001	0,009	0,053	FALSE
-0,028	0,300	0,000	0,007	0,016	FALSE
0,014	0,299	0,000	0,007	0,011	FALSE
-0,092	0,305	-0,003	0,009	0,128	FALSE
-0,023	0,311	0,000	0,008	0,007	FALSE
-0,066	0,307	-0,002	0,008	0,093	FALSE
-0,016	0,305	0,000	0,012	0,011	FALSE
-0,155	0,295	-0,004	0,009	0,198	FALSE
-0,019	0,304	0,000	0,011	0,001	FALSE
-0,012	0,312	0,000	0,011	0,009	FALSE
0,128	0,306	0,004	0,012	0,148	FALSE
-0,183	0,319	-0,007	0,012	0,245	FALSE
-0,012	0,308	0,000	0,010	0,004	FALSE
-0,052	0,325	-0,002	0,012	0,063	FALSE
-0,043	0,325	-0,002	0,011	0,083	FALSE
0,088	0,300	0,004	0,012	0,141	FALSE
-0,014	0,307	0,000	0,011	0,014	FALSE
0,046	0,298	0,001	0,007	0,068	FALSE
0,190	0,303	0,008	0,013	0,261	FALSE
-0,044	0,297	-0,001	0,006	0,058	FALSE
-0,009	0,314	0,000	0,009	0,013	FALSE
0,000	0,318	-0,001	0,007	0,028	FALSE
-0,085	0,308	-0,002	0,007	0,104	FALSE
-0,070	0,307	-0,002	0,008	0,077	FALSE
-0,011	0,318	-0,001	0,007	0,028	FALSE
0,025	0,329	0,001	0,010	0,048	FALSE
-0,102	0,305	-0,002	0,006	0,100	FALSE
-0,036	0,320	-0,001	0,007	0,048	FALSE
0,158	0,306	0,008	0,012	0,281	FALSE
-0,043	0,306	-0,001	0,007	0,062	FALSE
-0,167	0,304	-0,003	0,006	0,240	FALSE
-0,150	0,298	-0,003	0,006	0,202	FALSE
-0,026	0,324	-0,001	0,011	0,045	FALSE
-0,111	0,304	-0,002	0,007	0,095	FALSE
0,020	0,307	0,001	0,009	0,024	FALSE
0,032	0,302	0,002	0,011	0,054	FALSE
-0,126	0,308	-0,003	0,008	0,163	FALSE
-0,052	0,310	-0,002	0,012	0,081	FALSE
-0,131	0,298	-0,003	0,006	0,180	FALSE
-0,034	0,301	-0,001	0,011	0,033	FALSE
0,051	0,307	0,002	0,009	0,080	FALSE
-0,090	0,293	-0,002	0,007	0,117	FALSE
-0,143	0,294	-0,006	0,012	0,207	FALSE
-0,154	0,296	-0,006	0,012	0,218	FALSE
-0,189	0,301	-0,006	0,009	0,302	FALSE
-0,149	0,308	-0,004	0,009	0,215	FALSE
0,119	0,304	0,004	0,008	0,186	FALSE
0,045	0,312	0,002	0,009	0,080	FALSE
0,149	0,300	0,006	0,012	0,219	FALSE
0,135	0,298	0,005	0,011	0,189	FALSE
-0,006	0,300	0,000	0,010	0,008	FALSE

-0,191	0,302	-0,005	0,009	0,267	FALSE
0,026	0,299	0,001	0,007	0,038	FALSE
0,000	0,282	-0,001	0,012	0,028	FALSE
0,026	0,303	0,001	0,008	0,047	FALSE
0,031	0,298	0,001	0,008	0,058	FALSE
0,068	0,311	0,000	0,009	0,013	FALSE
-0,096	0,294	-0,003	0,009	0,147	FALSE
-0,008	0,309	-0,001	0,009	0,045	FALSE
-0,063	0,308	-0,002	0,010	0,073	FALSE
0,115	0,306	0,004	0,012	0,147	FALSE
0,067	0,295	0,001	0,006	0,080	FALSE
-0,023	0,319	0,000	0,010	0,013	FALSE
0,052	0,292	0,001	0,007	0,068	FALSE
0,078	0,309	0,003	0,011	0,091	FALSE
0,063	0,304	0,002	0,010	0,059	FALSE
0,097	0,297	0,002	0,007	0,134	FALSE
0,090	0,301	0,003	0,007	0,138	FALSE
-0,127	0,312	-0,002	0,008	0,112	FALSE
0,057	0,305	0,002	0,007	0,104	FALSE
0,100	0,301	0,002	0,006	0,117	FALSE
-0,046	0,298	-0,001	0,007	0,025	FALSE
-0,060	0,308	-0,001	0,006	0,054	FALSE
0,099	0,305	0,003	0,012	0,107	FALSE
-0,014	0,295	0,000	0,006	0,002	FALSE
-0,025	0,308	-0,001	0,009	0,032	FALSE
0,005	0,299	0,001	0,009	0,030	FALSE
-0,049	0,311	-0,001	0,007	0,060	FALSE
0,045	0,308	0,001	0,010	0,031	FALSE
0,000	0,312	0,001	0,012	0,021	FALSE
0,136	0,296	0,003	0,007	0,156	FALSE
-0,028	0,309	-0,001	0,007	0,045	FALSE
-0,058	0,317	-0,001	0,008	0,062	FALSE
0,037	0,313	0,001	0,010	0,034	FALSE
0,098	0,313	0,002	0,007	0,114	FALSE
-0,088	0,311	-0,002	0,006	0,107	FALSE
0,028	0,303	0,000	0,011	0,013	FALSE
-0,018	0,315	-0,001	0,010	0,043	FALSE
-0,108	0,309	-0,003	0,009	0,128	FALSE
0,026	0,302	0,000	0,008	0,009	FALSE
-0,049	0,290	0,000	0,006	0,029	FALSE
0,111	0,308	0,003	0,006	0,169	FALSE
-0,032	0,317	-0,002	0,010	0,069	FALSE
-0,082	0,301	-0,001	0,007	0,069	FALSE
0,061	0,296	0,003	0,011	0,103	FALSE
-0,146	0,306	-0,003	0,006	0,176	FALSE
0,063	0,291	0,005	0,012	0,161	FALSE
0,065	0,305	0,001	0,007	0,052	FALSE
-0,164	0,293	-0,003	0,006	0,211	FALSE
-0,085	0,317	-0,003	0,013	0,084	FALSE
0,038	0,300	0,000	0,006	0,015	FALSE
-0,091	0,306	-0,002	0,007	0,098	FALSE
-0,024	0,305	0,000	0,006	0,007	FALSE
-0,057	0,304	-0,002	0,010	0,076	FALSE

-0,011	0,304	-0,001	0,009	0,020	FALSE
0,033	0,318	0,001	0,010	0,049	FALSE
0,014	0,298	0,001	0,012	0,033	FALSE
-0,059	0,310	-0,001	0,007	0,064	FALSE
-0,172	0,305	-0,008	0,012	0,287	FALSE
0,048	0,310	0,000	0,007	0,016	FALSE
-0,170	0,300	-0,006	0,010	0,259	FALSE
0,065	0,308	0,003	0,012	0,088	FALSE
0,005	0,301	0,000	0,012	0,004	FALSE
0,082	0,310	0,002	0,007	0,095	FALSE
0,141	0,306	0,005	0,011	0,185	FALSE
0,096	0,310	0,002	0,007	0,133	FALSE
0,032	0,319	0,000	0,007	0,024	FALSE
0,142	0,299	0,007	0,013	0,232	FALSE
-0,028	0,306	-0,002	0,012	0,068	FALSE
0,079	0,286	0,002	0,012	0,056	FALSE
0,100	0,278	0,003	0,013	0,079	FALSE
0,079	0,288	0,002	0,013	0,059	FALSE
0,017	0,312	0,000	0,007	0,008	FALSE
0,026	0,307	0,000	0,007	0,015	FALSE
-0,125	0,294	-0,004	0,009	0,178	FALSE
0,231	0,288	0,008	0,011	0,316	FALSE
0,042	0,297	0,000	0,007	0,022	FALSE
0,133	0,298	0,004	0,007	0,224	FALSE
0,090	0,301	0,002	0,009	0,074	FALSE
0,067	0,310	0,002	0,012	0,079	FALSE
0,093	0,296	0,003	0,011	0,113	FALSE
0,034	0,309	0,001	0,007	0,051	FALSE
-0,031	0,309	-0,001	0,009	0,050	FALSE
0,004	0,326	0,001	0,010	0,028	FALSE
-0,112	0,310	-0,003	0,009	0,141	FALSE
-0,115	0,312	-0,003	0,008	0,135	FALSE
0,087	0,297	0,003	0,010	0,103	FALSE
0,013	0,315	0,001	0,010	0,019	FALSE
-0,096	0,306	-0,002	0,008	0,106	FALSE
-0,151	0,314	-0,006	0,012	0,194	FALSE
0,080	0,310	0,004	0,013	0,111	FALSE
0,021	0,309	0,001	0,008	0,060	FALSE
0,043	0,309	0,002	0,008	0,078	FALSE
0,072	0,300	0,001	0,006	0,062	FALSE
0,084	0,304	0,003	0,012	0,083	FALSE
0,192	0,299	0,006	0,009	0,280	FALSE
-0,051	0,305	-0,002	0,008	0,084	FALSE
0,116	0,313	0,005	0,012	0,152	FALSE
0,116	0,301	0,005	0,012	0,158	FALSE
-0,077	0,313	-0,002	0,007	0,103	FALSE
-0,060	0,313	-0,001	0,006	0,077	FALSE
0,065	0,306	0,003	0,010	0,104	FALSE
-0,039	0,315	0,000	0,012	0,013	FALSE
-0,038	0,300	-0,001	0,006	0,053	FALSE
-0,043	0,305	-0,001	0,006	0,061	FALSE
-0,043	0,296	-0,001	0,012	0,043	FALSE
0,081	0,294	0,003	0,010	0,099	FALSE

-0,032	0,318	0,000	0,008	0,018	FALSE
-0,054	0,309	-0,001	0,009	0,049	FALSE
-0,091	0,308	-0,002	0,006	0,118	FALSE
0,190	0,289	0,007	0,009	0,352	FALSE
0,180	0,295	0,007	0,010	0,310	FALSE
0,231	0,282	0,009	0,010	0,441	FALSE
0,002	0,316	0,000	0,013	0,005	FALSE
0,211	0,293	0,008	0,011	0,339	FALSE
0,195	0,294	0,008	0,012	0,293	FALSE
-0,180	0,311	-0,004	0,007	0,261	FALSE
0,114	0,312	0,002	0,007	0,136	FALSE
0,134	0,305	0,003	0,006	0,185	FALSE
-0,079	0,296	-0,004	0,012	0,128	FALSE
-0,105	0,287	-0,005	0,012	0,174	FALSE
0,174	0,307	0,008	0,013	0,263	FALSE
-0,012	0,316	0,000	0,008	0,003	FALSE
-0,098	0,304	-0,003	0,009	0,154	FALSE
0,040	0,309	0,001	0,011	0,051	FALSE
-0,038	0,307	-0,002	0,009	0,067	FALSE
0,091	0,303	0,003	0,010	0,138	FALSE
0,015	0,308	0,000	0,008	0,011	FALSE
-0,051	0,307	-0,001	0,008	0,058	FALSE
0,119	0,309	0,003	0,008	0,167	FALSE
-0,142	0,300	-0,003	0,006	0,185	FALSE
-0,072	0,293	-0,001	0,006	0,089	FALSE
0,009	0,299	0,000	0,007	0,020	FALSE
-0,056	0,291	-0,001	0,007	0,052	FALSE
-0,030	0,313	-0,001	0,008	0,047	FALSE
-0,017	0,299	0,000	0,006	0,004	FALSE
0,011	0,300	0,000	0,009	0,009	FALSE
-0,080	0,311	-0,003	0,009	0,113	FALSE
0,061	0,302	0,003	0,011	0,088	FALSE
-0,034	0,306	-0,001	0,009	0,022	FALSE
0,041	0,304	0,002	0,013	0,068	FALSE
0,123	0,297	0,003	0,007	0,174	FALSE
-0,005	0,296	-0,001	0,012	0,025	FALSE
0,120	0,310	0,005	0,012	0,166	FALSE
-0,056	0,304	-0,001	0,006	0,050	FALSE
0,094	0,300	0,004	0,012	0,142	FALSE
-0,067	0,311	-0,001	0,007	0,064	FALSE
0,017	0,305	0,001	0,011	0,025	FALSE
0,001	0,298	0,000	0,011	0,006	FALSE
-0,055	0,304	-0,002	0,009	0,078	FALSE
-0,068	0,309	-0,002	0,012	0,066	FALSE
0,024	0,327	0,001	0,010	0,018	FALSE
-0,057	0,307	-0,002	0,007	0,088	FALSE
-0,028	0,309	-0,001	0,007	0,054	FALSE
0,036	0,301	0,000	0,009	0,002	FALSE
-0,015	0,302	0,000	0,007	0,000	FALSE
0,124	0,314	0,003	0,008	0,161	FALSE
-0,048	0,314	-0,001	0,009	0,044	FALSE
0,079	0,308	0,002	0,007	0,100	FALSE
-0,064	0,303	-0,002	0,007	0,109	FALSE

-0,189	0,301	-0,005	0,008	0,279	FALSE
-0,111	0,313	-0,003	0,011	0,121	FALSE
0,077	0,302	0,002	0,009	0,066	FALSE
0,051	0,302	0,003	0,011	0,090	FALSE
-0,047	0,313	-0,002	0,013	0,044	FALSE
0,011	0,302	0,000	0,008	0,019	FALSE
-0,110	0,304	-0,004	0,012	0,140	FALSE
0,081	0,308	0,002	0,007	0,097	FALSE
-0,082	0,309	-0,002	0,007	0,114	FALSE
-0,051	0,308	-0,001	0,008	0,050	FALSE
-0,004	0,305	0,000	0,007	0,017	FALSE
0,133	0,313	0,003	0,007	0,159	FALSE
0,132	0,308	0,005	0,013	0,160	FALSE
-0,053	0,329	-0,001	0,008	0,042	FALSE
0,048	0,305	0,001	0,006	0,045	FALSE
0,179	0,294	0,006	0,012	0,218	FALSE
0,074	0,310	0,004	0,012	0,113	FALSE
0,027	0,295	0,001	0,006	0,060	FALSE
-0,076	0,307	-0,003	0,012	0,106	FALSE
-0,093	0,304	-0,003	0,007	0,152	FALSE
-0,088	0,315	-0,002	0,010	0,095	FALSE
0,084	0,321	0,004	0,013	0,108	FALSE
0,186	0,309	0,004	0,006	0,232	FALSE
0,031	0,307	0,001	0,010	0,024	FALSE
-0,086	0,318	-0,002	0,007	0,133	FALSE
-0,174	0,299	-0,005	0,009	0,226	FALSE
0,193	0,303	0,008	0,012	0,313	FALSE
-0,153	0,305	-0,004	0,008	0,230	FALSE
0,000	0,319	0,000	0,007	0,009	FALSE
-0,063	0,307	-0,001	0,007	0,071	FALSE
-0,180	0,312	-0,005	0,009	0,266	FALSE
0,080	0,298	0,003	0,011	0,119	FALSE
0,132	0,313	0,004	0,009	0,163	FALSE
0,091	0,306	0,003	0,009	0,154	FALSE
0,027	0,310	0,001	0,006	0,036	FALSE
0,019	0,311	0,001	0,010	0,032	FALSE
0,140	0,304	0,004	0,009	0,185	FALSE
-0,071	0,293	-0,002	0,009	0,105	FALSE
0,028	0,291	0,002	0,012	0,056	FALSE
-0,004	0,301	-0,001	0,011	0,023	FALSE
-0,137	0,313	-0,003	0,008	0,176	FALSE
-0,023	0,315	-0,001	0,010	0,021	FALSE
-0,165	0,315	-0,005	0,010	0,211	FALSE
0,110	0,306	0,005	0,012	0,162	FALSE
-0,061	0,304	-0,003	0,011	0,106	FALSE
-0,023	0,324	-0,001	0,007	0,061	FALSE
0,055	0,319	0,001	0,007	0,042	FALSE
-0,060	0,313	-0,002	0,009	0,075	FALSE
-0,046	0,315	-0,002	0,012	0,068	FALSE
0,020	0,297	0,001	0,007	0,033	FALSE
0,042	0,308	0,000	0,008	0,000	FALSE
-0,060	0,294	-0,004	0,013	0,111	FALSE
-0,038	0,315	-0,001	0,006	0,062	FALSE

0,055	0,304	0,001	0,011	0,034	FALSE
-0,120	0,312	-0,003	0,007	0,151	FALSE
-0,030	0,308	-0,001	0,011	0,041	FALSE
-0,044	0,310	-0,002	0,009	0,089	FALSE
-0,018	0,300	0,000	0,007	0,025	FALSE
0,011	0,301	0,001	0,008	0,040	FALSE
-0,079	0,301	-0,001	0,007	0,077	FALSE
0,052	0,307	0,001	0,010	0,048	FALSE
-0,216	0,317	-0,008	0,012	0,309	FALSE
-0,036	0,307	-0,001	0,009	0,029	FALSE
0,089	0,318	0,003	0,010	0,111	FALSE
-0,025	0,315	0,000	0,012	0,002	FALSE
0,069	0,299	0,002	0,008	0,096	FALSE
0,060	0,310	0,002	0,008	0,089	FALSE
0,100	0,313	0,003	0,009	0,132	FALSE
0,074	0,310	0,002	0,013	0,057	FALSE
0,144	0,307	0,003	0,007	0,202	FALSE
-0,015	0,319	-0,001	0,010	0,041	FALSE
-0,122	0,314	-0,003	0,008	0,163	FALSE
-0,027	0,315	-0,001	0,009	0,034	FALSE
-0,013	0,304	0,000	0,009	0,003	FALSE
-0,081	0,299	-0,003	0,011	0,106	FALSE
0,093	0,302	0,003	0,010	0,129	FALSE
0,098	0,313	0,002	0,007	0,124	FALSE
-0,008	0,310	0,000	0,011	0,003	FALSE
-0,003	0,328	0,000	0,012	0,003	FALSE
0,139	0,295	0,004	0,008	0,217	FALSE
-0,046	0,307	-0,001	0,007	0,048	FALSE
0,048	0,317	0,002	0,011	0,061	FALSE
-0,029	0,312	-0,001	0,008	0,034	FALSE
0,105	0,297	0,005	0,013	0,157	FALSE
0,040	0,311	0,002	0,012	0,049	FALSE
0,104	0,304	0,003	0,011	0,105	FALSE
-0,074	0,303	-0,003	0,008	0,127	FALSE
-0,011	0,292	0,001	0,007	0,036	FALSE
0,025	0,315	0,001	0,010	0,024	FALSE
0,016	0,305	0,001	0,008	0,048	FALSE
0,129	0,303	0,005	0,010	0,227	FALSE
0,017	0,314	0,001	0,011	0,039	FALSE
-0,037	0,309	-0,001	0,013	0,043	FALSE
0,012	0,293	0,000	0,007	0,008	FALSE
-0,014	0,310	-0,001	0,008	0,049	FALSE
-0,125	0,302	-0,004	0,010	0,174	FALSE
0,139	0,298	0,007	0,012	0,225	FALSE
-0,124	0,291	-0,007	0,012	0,233	FALSE
-0,023	0,310	-0,001	0,007	0,027	FALSE
-0,008	0,302	-0,001	0,008	0,028	FALSE
-0,076	0,302	-0,002	0,007	0,106	FALSE
0,151	0,289	0,005	0,008	0,263	FALSE
0,052	0,313	0,002	0,008	0,074	FALSE
0,088	0,296	0,003	0,009	0,121	FALSE
-0,030	0,312	-0,001	0,009	0,032	FALSE
-0,007	0,305	-0,001	0,008	0,035	FALSE

0,096	0,302	0,004	0,011	0,161	FALSE
0,006	0,301	0,000	0,012	0,009	FALSE
0,001	0,313	0,000	0,007	0,011	FALSE
0,008	0,302	0,000	0,012	0,009	FALSE
-0,072	0,310	-0,001	0,008	0,068	FALSE
0,093	0,318	0,002	0,009	0,106	FALSE
0,004	0,306	0,001	0,007	0,029	FALSE
0,062	0,305	0,002	0,009	0,085	FALSE
-0,050	0,320	-0,002	0,010	0,061	FALSE
0,069	0,305	0,001	0,007	0,052	FALSE
0,049	0,312	0,001	0,012	0,028	FALSE
0,137	0,314	0,003	0,008	0,167	FALSE
0,146	0,302	0,004	0,008	0,197	FALSE
0,017	0,308	0,001	0,011	0,034	FALSE
0,064	0,307	0,003	0,012	0,088	FALSE
0,102	0,295	0,002	0,011	0,086	FALSE
0,099	0,303	0,003	0,008	0,140	FALSE
-0,072	0,290	-0,002	0,007	0,108	FALSE
-0,013	0,323	-0,001	0,010	0,020	FALSE
-0,086	0,291	-0,001	0,006	0,071	FALSE
-0,029	0,315	-0,001	0,007	0,035	FALSE
0,194	0,295	0,004	0,006	0,344	FALSE
0,013	0,297	0,000	0,009	0,011	FALSE
-0,135	0,304	-0,005	0,009	0,214	FALSE
0,014	0,299	0,001	0,009	0,041	FALSE
-0,031	0,306	-0,001	0,012	0,017	FALSE
0,041	0,303	0,002	0,007	0,095	FALSE
-0,105	0,312	-0,002	0,008	0,105	FALSE
-0,054	0,302	-0,001	0,013	0,040	FALSE
0,007	0,329	0,000	0,011	0,016	FALSE
-0,058	0,308	-0,002	0,009	0,075	FALSE
0,055	0,311	0,002	0,011	0,063	FALSE
-0,053	0,293	-0,002	0,009	0,101	FALSE
0,027	0,313	0,001	0,009	0,028	FALSE
-0,174	0,302	-0,005	0,010	0,222	FALSE
0,052	0,308	0,002	0,010	0,077	FALSE
-0,076	0,312	-0,002	0,007	0,111	FALSE
-0,091	0,301	-0,002	0,006	0,125	FALSE
0,169	0,301	0,004	0,006	0,275	FALSE
-0,121	0,305	-0,007	0,013	0,241	FALSE
-0,143	0,294	-0,009	0,013	0,316	FALSE
0,111	0,296	0,005	0,010	0,194	FALSE
-0,002	0,290	0,001	0,011	0,026	FALSE
-0,144	0,311	-0,003	0,007	0,185	FALSE
-0,075	0,310	-0,002	0,009	0,085	FALSE
0,033	0,295	0,000	0,007	0,021	FALSE
0,108	0,302	0,005	0,011	0,167	FALSE
-0,019	0,307	0,000	0,006	0,021	FALSE
-0,013	0,305	0,000	0,007	0,010	FALSE
0,033	0,301	0,001	0,011	0,027	FALSE
0,151	0,291	0,006	0,012	0,233	FALSE
-0,019	0,299	-0,001	0,007	0,047	FALSE
0,049	0,301	0,002	0,010	0,078	FALSE

-0,050	0,327	-0,003	0,013	0,077	FALSE
0,006	0,317	0,000	0,008	0,001	FALSE
0,007	0,293	0,000	0,007	0,004	FALSE
-0,007	0,308	-0,001	0,008	0,027	FALSE
0,058	0,314	0,002	0,011	0,083	FALSE
-0,189	0,289	-0,004	0,006	0,284	FALSE
0,077	0,311	0,003	0,011	0,094	FALSE
0,160	0,319	0,006	0,012	0,216	FALSE
0,121	0,311	0,005	0,012	0,158	FALSE
0,107	0,317	0,002	0,007	0,111	FALSE
-0,008	0,310	0,000	0,013	0,006	FALSE
-0,049	0,297	-0,002	0,012	0,054	FALSE
-0,126	0,295	-0,005	0,012	0,164	FALSE
0,003	0,308	0,000	0,007	0,015	FALSE
0,014	0,312	0,000	0,007	0,020	FALSE
0,062	0,308	0,002	0,009	0,076	FALSE
0,005	0,319	0,000	0,006	0,010	FALSE
0,020	0,302	0,001	0,010	0,019	FALSE
0,037	0,290	0,001	0,008	0,052	FALSE
-0,014	0,296	0,000	0,009	0,004	FALSE
0,012	0,295	0,001	0,008	0,027	FALSE
-0,038	0,311	-0,001	0,010	0,019	FALSE
0,008	0,312	0,000	0,012	0,007	FALSE
0,016	0,303	0,000	0,011	0,012	FALSE
-0,087	0,308	-0,002	0,007	0,119	FALSE
-0,078	0,305	-0,002	0,008	0,089	FALSE
0,041	0,309	0,002	0,012	0,063	FALSE
-0,053	0,312	0,000	0,007	0,024	FALSE
0,098	0,307	0,002	0,007	0,103	FALSE
-0,024	0,300	0,000	0,007	0,008	FALSE
0,011	0,301	0,000	0,010	0,018	FALSE
0,004	0,312	-0,001	0,009	0,021	FALSE
0,084	0,320	0,002	0,008	0,121	FALSE
-0,002	0,316	0,000	0,009	0,009	FALSE
-0,035	0,311	-0,002	0,009	0,064	FALSE
-0,027	0,308	-0,001	0,007	0,030	FALSE
0,100	0,294	0,002	0,007	0,117	FALSE
0,074	0,304	0,003	0,011	0,117	FALSE
0,109	0,301	0,003	0,008	0,124	FALSE
-0,146	0,293	-0,005	0,009	0,229	FALSE
-0,040	0,305	-0,001	0,007	0,065	FALSE
0,018	0,304	0,001	0,008	0,031	FALSE
-0,082	0,310	-0,004	0,013	0,109	FALSE
-0,022	0,311	-0,001	0,011	0,019	FALSE
0,024	0,295	0,001	0,008	0,030	FALSE
0,117	0,304	0,004	0,009	0,195	FALSE
-0,031	0,327	-0,001	0,007	0,039	FALSE
0,029	0,316	0,002	0,012	0,061	FALSE
0,143	0,292	0,006	0,010	0,256	FALSE
-0,068	0,305	-0,002	0,007	0,132	FALSE
-0,042	0,313	0,000	0,012	0,005	FALSE
0,070	0,297	0,002	0,010	0,063	FALSE
0,087	0,317	0,003	0,013	0,090	FALSE

0,109	0,297	0,003	0,006	0,196	FALSE
-0,104	0,302	-0,004	0,009	0,170	FALSE
-0,017	0,306	-0,001	0,007	0,038	FALSE
0,040	0,320	0,002	0,012	0,051	FALSE
0,033	0,313	0,002	0,012	0,051	FALSE
-0,008	0,305	0,000	0,011	0,008	FALSE
-0,145	0,293	-0,005	0,010	0,206	FALSE
0,114	0,306	0,005	0,012	0,162	FALSE
-0,077	0,296	-0,003	0,010	0,109	FALSE
0,147	0,297	0,003	0,006	0,161	FALSE
0,037	0,308	0,002	0,011	0,056	FALSE
-0,056	0,321	-0,001	0,007	0,075	FALSE
0,082	0,309	0,002	0,008	0,093	FALSE
0,027	0,299	0,001	0,010	0,035	FALSE
0,121	0,309	0,003	0,008	0,174	FALSE
-0,063	0,303	-0,002	0,011	0,089	FALSE
-0,082	0,305	-0,005	0,013	0,159	FALSE
-0,038	0,315	-0,002	0,013	0,049	FALSE
0,053	0,298	0,001	0,007	0,043	FALSE
0,021	0,314	0,000	0,013	0,013	FALSE
0,177	0,314	0,004	0,008	0,217	FALSE
-0,045	0,307	-0,002	0,013	0,051	FALSE
0,151	0,296	0,003	0,008	0,149	FALSE
0,138	0,288	0,003	0,008	0,148	FALSE
0,012	0,305	0,000	0,010	0,009	FALSE
-0,048	0,308	-0,002	0,010	0,067	FALSE
0,061	0,305	0,001	0,007	0,070	FALSE
-0,100	0,315	-0,002	0,007	0,103	FALSE
0,106	0,298	0,003	0,010	0,107	FALSE
0,085	0,297	0,002	0,007	0,114	FALSE
0,030	0,305	0,001	0,009	0,046	FALSE
-0,011	0,313	0,000	0,009	0,003	FALSE
-0,037	0,308	-0,001	0,007	0,050	FALSE
0,138	0,314	0,003	0,007	0,187	FALSE
0,013	0,308	0,000	0,012	0,013	FALSE
0,015	0,309	0,000	0,009	0,011	FALSE
0,124	0,301	0,005	0,012	0,180	FALSE
-0,001	0,297	0,000	0,012	0,012	FALSE
0,005	0,291	0,000	0,007	0,001	FALSE
-0,043	0,325	-0,001	0,009	0,041	FALSE
-0,010	0,307	-0,001	0,007	0,041	FALSE
0,050	0,308	0,002	0,011	0,054	FALSE
0,159	0,302	0,003	0,007	0,162	FALSE
0,061	0,310	0,002	0,009	0,071	FALSE
-0,137	0,294	-0,004	0,010	0,170	FALSE
0,055	0,316	0,002	0,012	0,051	FALSE
-0,022	0,320	-0,001	0,010	0,031	FALSE
0,103	0,306	0,004	0,010	0,154	FALSE
0,025	0,314	0,002	0,008	0,067	FALSE
-0,112	0,306	-0,003	0,008	0,170	FALSE
0,129	0,300	0,003	0,008	0,146	FALSE
0,058	0,318	0,001	0,010	0,044	FALSE
0,068	0,305	0,002	0,010	0,064	FALSE

0,014	0,297	0,000	0,009	0,014	FALSE
-0,118	0,288	-0,004	0,010	0,164	FALSE
-0,140	0,298	-0,006	0,011	0,217	FALSE
-0,096	0,305	-0,002	0,007	0,115	FALSE
0,101	0,291	0,002	0,007	0,142	FALSE
0,101	0,320	0,002	0,006	0,134	FALSE
0,066	0,296	0,002	0,008	0,074	FALSE
0,018	0,305	0,001	0,007	0,052	FALSE
0,017	0,321	0,000	0,008	0,002	FALSE
0,044	0,320	0,002	0,009	0,064	FALSE
0,056	0,309	0,002	0,012	0,068	FALSE
0,083	0,306	0,003	0,011	0,105	FALSE
0,027	0,319	0,001	0,010	0,029	FALSE
0,000	0,299	0,000	0,011	0,013	FALSE
-0,054	0,313	-0,001	0,007	0,057	FALSE
0,020	0,293	0,000	0,012	0,010	FALSE
0,061	0,308	0,002	0,013	0,063	FALSE
-0,067	0,313	-0,003	0,011	0,099	FALSE
0,031	0,316	0,001	0,009	0,045	FALSE
0,036	0,306	0,001	0,008	0,064	FALSE
-0,006	0,320	0,000	0,009	0,001	FALSE
-0,069	0,299	-0,001	0,006	0,081	FALSE
0,011	0,312	0,000	0,007	0,002	FALSE
0,061	0,310	0,002	0,009	0,065	FALSE
0,003	0,311	0,000	0,013	0,003	FALSE
-0,015	0,311	0,000	0,006	0,015	FALSE
0,024	0,313	0,001	0,009	0,039	FALSE
-0,130	0,294	-0,002	0,006	0,139	FALSE
-0,034	0,296	-0,001	0,006	0,041	FALSE
0,031	0,312	0,001	0,007	0,048	FALSE
-0,003	0,296	0,000	0,008	0,000	FALSE
0,035	0,311	0,001	0,007	0,057	FALSE
-0,030	0,311	-0,001	0,007	0,052	FALSE
-0,030	0,325	-0,001	0,007	0,043	FALSE
0,074	0,311	0,002	0,007	0,089	FALSE
0,000	0,311	0,001	0,007	0,029	FALSE
0,066	0,300	0,002	0,010	0,092	FALSE
0,002	0,317	0,000	0,010	0,006	FALSE
-0,020	0,319	-0,001	0,009	0,022	FALSE
-0,039	0,304	-0,001	0,008	0,045	FALSE
0,058	0,315	0,001	0,008	0,063	FALSE
0,033	0,312	0,001	0,011	0,033	FALSE
-0,067	0,311	-0,002	0,009	0,076	FALSE
0,072	0,309	0,002	0,007	0,104	FALSE
0,090	0,301	0,003	0,012	0,097	FALSE
-0,147	0,308	-0,003	0,006	0,180	FALSE
-0,133	0,308	-0,004	0,010	0,169	FALSE
-0,061	0,296	-0,002	0,007	0,082	FALSE
-0,054	0,293	-0,002	0,007	0,087	FALSE
0,193	0,296	0,006	0,010	0,274	FALSE
0,018	0,308	0,001	0,009	0,028	FALSE
-0,021	0,321	-0,001	0,008	0,029	FALSE
-0,029	0,306	0,000	0,009	0,006	FALSE

-0,014	0,309	-0,001	0,010	0,020	FALSE
0,036	0,305	0,001	0,011	0,033	FALSE
-0,029	0,311	-0,001	0,009	0,047	FALSE
-0,025	0,306	0,000	0,011	0,016	FALSE
0,030	0,307	0,001	0,007	0,028	FALSE
0,115	0,304	0,002	0,006	0,150	FALSE
-0,006	0,306	0,001	0,013	0,015	FALSE
0,058	0,315	0,003	0,009	0,115	FALSE
-0,042	0,307	-0,001	0,007	0,046	FALSE
0,047	0,311	0,001	0,008	0,043	FALSE
0,099	0,309	0,004	0,012	0,123	FALSE
-0,091	0,299	-0,002	0,009	0,079	FALSE
-0,076	0,308	-0,004	0,012	0,116	FALSE
0,076	0,314	0,003	0,012	0,077	FALSE
-0,169	0,285	-0,007	0,012	0,242	FALSE
-0,187	0,287	-0,009	0,012	0,332	FALSE
-0,062	0,309	-0,002	0,010	0,070	FALSE
-0,128	0,302	-0,003	0,008	0,144	FALSE
-0,023	0,301	0,000	0,007	0,020	FALSE
0,015	0,307	0,000	0,012	0,012	FALSE
0,071	0,305	0,002	0,011	0,083	FALSE
-0,019	0,302	-0,001	0,012	0,028	FALSE
-0,083	0,307	-0,002	0,009	0,093	FALSE
0,039	0,304	0,001	0,006	0,034	FALSE
-0,071	0,315	-0,004	0,013	0,108	FALSE
0,037	0,313	0,001	0,009	0,058	FALSE
0,020	0,304	0,001	0,010	0,050	FALSE
0,081	0,286	0,002	0,009	0,070	FALSE
0,030	0,306	0,002	0,009	0,079	FALSE
0,019	0,310	0,001	0,007	0,041	FALSE
0,021	0,313	0,000	0,007	0,019	FALSE
0,020	0,312	0,000	0,008	0,003	FALSE
0,105	0,315	0,003	0,010	0,103	FALSE
-0,065	0,313	-0,002	0,007	0,097	FALSE
-0,189	0,309	-0,004	0,007	0,274	FALSE
0,032	0,308	0,001	0,010	0,047	FALSE
0,051	0,301	0,002	0,010	0,099	FALSE
-0,112	0,315	-0,003	0,008	0,157	FALSE
-0,013	0,309	-0,001	0,010	0,025	FALSE
-0,028	0,317	-0,001	0,007	0,048	FALSE
0,025	0,318	0,000	0,007	0,018	FALSE
-0,028	0,310	-0,001	0,009	0,022	FALSE
-0,052	0,318	-0,001	0,011	0,037	FALSE
0,045	0,297	0,002	0,006	0,103	FALSE
0,058	0,301	0,002	0,010	0,055	FALSE
-0,038	0,315	-0,002	0,012	0,058	FALSE
0,132	0,294	0,004	0,010	0,166	FALSE
0,028	0,316	0,001	0,007	0,038	FALSE
0,076	0,315	0,003	0,011	0,120	FALSE
-0,048	0,309	-0,002	0,010	0,091	FALSE
0,112	0,305	0,004	0,011	0,153	FALSE
-0,087	0,306	-0,002	0,007	0,100	FALSE
0,033	0,322	0,001	0,008	0,054	FALSE

0,088	0,305	0,003	0,007	0,144	FALSE
0,043	0,311	0,002	0,007	0,077	FALSE
0,085	0,311	0,002	0,008	0,114	FALSE
0,078	0,312	0,002	0,011	0,087	FALSE
-0,157	0,284	-0,004	0,008	0,223	FALSE
-0,091	0,299	-0,004	0,013	0,116	FALSE
-0,049	0,296	-0,002	0,010	0,070	FALSE
0,070	0,310	0,002	0,008	0,078	FALSE
-0,118	0,310	-0,004	0,012	0,135	FALSE
-0,079	0,299	-0,002	0,011	0,087	FALSE
-0,076	0,281	-0,001	0,006	0,061	FALSE
0,000	0,305	0,001	0,007	0,026	FALSE
-0,087	0,299	-0,003	0,009	0,140	FALSE
-0,044	0,300	-0,001	0,009	0,046	FALSE
-0,160	0,303	-0,004	0,007	0,232	FALSE
-0,074	0,302	-0,002	0,007	0,083	FALSE
0,043	0,299	0,001	0,012	0,042	FALSE
-0,078	0,287	-0,002	0,008	0,093	FALSE
-0,028	0,297	0,000	0,012	0,014	FALSE
0,021	0,314	0,000	0,006	0,018	FALSE
0,009	0,305	0,000	0,007	0,011	FALSE
0,025	0,302	0,001	0,007	0,060	FALSE
0,008	0,305	0,000	0,006	0,024	FALSE
-0,025	0,319	0,000	0,009	0,008	FALSE
0,076	0,304	0,004	0,011	0,142	FALSE
0,001	0,312	0,000	0,007	0,005	FALSE
0,075	0,306	0,003	0,011	0,115	FALSE
0,106	0,293	0,005	0,011	0,181	FALSE
0,087	0,297	0,004	0,012	0,130	FALSE
0,136	0,302	0,003	0,006	0,178	FALSE
0,043	0,311	0,001	0,008	0,053	FALSE
0,032	0,304	0,001	0,012	0,042	FALSE
0,006	0,310	0,001	0,012	0,023	FALSE
-0,025	0,302	-0,001	0,006	0,068	FALSE
0,003	0,309	0,000	0,011	0,001	FALSE
-0,058	0,305	-0,001	0,007	0,056	FALSE
-0,055	0,310	-0,002	0,010	0,063	FALSE
-0,083	0,297	-0,002	0,007	0,111	FALSE
0,005	0,289	-0,001	0,012	0,025	FALSE
-0,033	0,306	-0,001	0,008	0,047	FALSE
-0,034	0,311	-0,001	0,013	0,040	FALSE
-0,029	0,313	0,000	0,008	0,017	FALSE
-0,139	0,295	-0,002	0,006	0,140	FALSE
-0,078	0,300	-0,002	0,007	0,099	FALSE
-0,102	0,318	-0,003	0,008	0,137	FALSE
-0,038	0,299	-0,002	0,012	0,049	FALSE
-0,009	0,304	0,001	0,012	0,016	FALSE
0,052	0,308	0,002	0,007	0,080	FALSE
-0,075	0,299	-0,003	0,010	0,108	FALSE
-0,052	0,311	-0,001	0,008	0,052	FALSE
-0,036	0,307	-0,001	0,010	0,037	FALSE
-0,010	0,320	0,000	0,013	0,010	FALSE
-0,068	0,317	-0,002	0,012	0,078	FALSE

0,046	0,319	0,001	0,008	0,034	FALSE
-0,121	0,312	-0,003	0,008	0,162	FALSE
-0,032	0,309	-0,001	0,009	0,028	FALSE
0,021	0,307	0,000	0,011	0,005	FALSE
0,024	0,323	0,001	0,010	0,026	FALSE
0,001	0,302	0,001	0,013	0,023	FALSE
-0,018	0,312	-0,001	0,012	0,032	FALSE
0,053	0,305	0,002	0,010	0,073	FALSE
-0,104	0,306	-0,002	0,006	0,150	FALSE
0,078	0,300	0,004	0,012	0,125	FALSE
0,008	0,308	0,000	0,007	0,026	FALSE
-0,080	0,309	-0,003	0,011	0,115	FALSE
-0,181	0,309	-0,006	0,009	0,290	FALSE
-0,096	0,307	-0,004	0,012	0,123	FALSE
0,064	0,296	0,002	0,010	0,077	FALSE
0,059	0,305	0,003	0,010	0,106	FALSE
0,030	0,303	0,000	0,011	0,003	FALSE
-0,050	0,300	-0,001	0,007	0,052	FALSE
0,035	0,303	0,001	0,010	0,046	FALSE
-0,106	0,303	-0,002	0,007	0,105	FALSE
-0,021	0,316	-0,001	0,010	0,029	FALSE
-0,042	0,326	-0,001	0,011	0,044	FALSE
0,021	0,289	0,000	0,007	0,020	FALSE
0,072	0,303	0,001	0,006	0,074	FALSE
-0,084	0,312	-0,002	0,007	0,086	FALSE
-0,053	0,303	-0,002	0,012	0,052	FALSE
0,056	0,309	0,002	0,006	0,093	FALSE
-0,026	0,312	0,000	0,007	0,023	FALSE
-0,057	0,304	-0,002	0,012	0,072	FALSE
0,114	0,321	0,003	0,008	0,156	FALSE
-0,025	0,299	0,000	0,007	0,001	FALSE
-0,031	0,311	0,000	0,007	0,021	FALSE
0,062	0,301	0,001	0,006	0,076	FALSE
0,050	0,310	0,001	0,007	0,069	FALSE
0,047	0,314	0,001	0,006	0,036	FALSE
0,057	0,313	0,001	0,007	0,056	FALSE
0,078	0,301	0,001	0,006	0,079	FALSE
0,098	0,305	0,004	0,012	0,116	FALSE
0,002	0,309	0,000	0,011	0,005	FALSE
0,004	0,295	0,001	0,011	0,021	FALSE
0,087	0,315	0,002	0,009	0,077	FALSE
-0,010	0,296	0,000	0,011	0,011	FALSE
-0,155	0,298	-0,006	0,012	0,221	FALSE
0,133	0,303	0,004	0,009	0,170	FALSE
-0,159	0,301	-0,007	0,011	0,260	FALSE
0,143	0,293	0,006	0,012	0,198	FALSE
-0,134	0,306	-0,006	0,012	0,192	FALSE
-0,133	0,302	-0,006	0,012	0,192	FALSE
-0,105	0,314	-0,004	0,012	0,131	FALSE
0,043	0,309	0,001	0,006	0,073	FALSE
0,071	0,313	0,001	0,007	0,056	FALSE
0,038	0,311	0,002	0,013	0,061	FALSE
0,054	0,310	0,001	0,007	0,057	FALSE

0,052	0,312	0,002	0,013	0,058	FALSE
-0,012	0,302	-0,001	0,010	0,020	FALSE
-0,001	0,305	0,000	0,013	0,003	FALSE
0,002	0,308	0,000	0,012	0,006	FALSE
0,066	0,308	0,001	0,010	0,056	FALSE
0,043	0,314	0,002	0,009	0,066	FALSE
0,008	0,314	0,000	0,008	0,003	FALSE
-0,048	0,304	-0,002	0,009	0,069	FALSE
-0,027	0,303	0,000	0,010	0,014	FALSE
-0,009	0,308	0,000	0,010	0,011	FALSE
0,023	0,311	-0,001	0,013	0,015	FALSE
-0,020	0,295	-0,001	0,010	0,033	FALSE
-0,015	0,308	0,000	0,007	0,013	FALSE
0,003	0,303	0,001	0,012	0,029	FALSE
0,077	0,311	0,001	0,006	0,087	FALSE
-0,024	0,305	-0,002	0,012	0,056	FALSE
0,041	0,309	0,002	0,011	0,078	FALSE
-0,039	0,312	-0,001	0,007	0,070	FALSE
0,016	0,314	0,001	0,013	0,036	FALSE
0,093	0,306	0,003	0,007	0,145	FALSE
-0,116	0,310	-0,005	0,013	0,161	FALSE
0,029	0,302	0,001	0,007	0,036	FALSE
0,141	0,309	0,004	0,009	0,196	FALSE
0,066	0,298	0,001	0,012	0,045	FALSE
0,166	0,296	0,004	0,007	0,254	FALSE
0,006	0,304	0,000	0,010	0,015	FALSE
-0,019	0,297	0,000	0,006	0,027	FALSE
-0,172	0,279	-0,005	0,008	0,265	FALSE
-0,034	0,316	-0,001	0,007	0,033	FALSE
-0,005	0,300	0,000	0,007	0,001	FALSE
-0,073	0,303	-0,002	0,007	0,102	FALSE
0,097	0,308	0,004	0,012	0,128	FALSE
0,024	0,311	0,001	0,009	0,048	FALSE
-0,081	0,312	-0,002	0,008	0,073	FALSE
0,068	0,301	0,002	0,008	0,075	FALSE
-0,007	0,309	0,000	0,008	0,015	FALSE
-0,047	0,309	-0,001	0,009	0,043	FALSE
0,024	0,307	0,001	0,010	0,037	FALSE
0,020	0,302	0,001	0,006	0,042	FALSE
-0,085	0,300	-0,002	0,009	0,068	FALSE
-0,023	0,315	-0,001	0,008	0,056	FALSE
0,061	0,300	0,001	0,008	0,063	FALSE
0,023	0,290	0,001	0,012	0,027	FALSE
0,130	0,296	0,003	0,007	0,168	FALSE
0,022	0,303	0,000	0,006	0,028	FALSE
-0,035	0,321	-0,002	0,010	0,070	FALSE
-0,049	0,309	-0,002	0,009	0,061	FALSE
0,046	0,307	0,002	0,012	0,052	FALSE
-0,094	0,305	-0,002	0,009	0,084	FALSE
-0,058	0,290	-0,001	0,008	0,073	FALSE
0,114	0,285	0,005	0,010	0,180	FALSE
-0,101	0,306	-0,002	0,009	0,095	FALSE
-0,026	0,303	-0,001	0,009	0,048	FALSE

0,041	0,318	0,000	0,007	0,004	FALSE
-0,120	0,302	-0,004	0,010	0,189	FALSE
0,102	0,310	0,003	0,010	0,133	FALSE
-0,080	0,289	-0,002	0,006	0,095	FALSE
0,080	0,299	0,002	0,007	0,094	FALSE
0,008	0,300	0,000	0,007	0,010	FALSE
-0,033	0,306	-0,001	0,006	0,045	FALSE
-0,082	0,298	-0,002	0,007	0,096	FALSE
0,194	0,289	0,005	0,006	0,374	FALSE
-0,015	0,301	0,000	0,007	0,015	FALSE
-0,009	0,298	-0,001	0,007	0,026	FALSE
-0,037	0,313	-0,001	0,011	0,035	FALSE
0,012	0,302	0,000	0,011	0,008	FALSE
0,098	0,295	0,003	0,007	0,147	FALSE
0,070	0,293	0,003	0,011	0,113	FALSE
0,010	0,308	0,000	0,009	0,007	FALSE
0,063	0,313	0,001	0,007	0,075	FALSE
0,080	0,308	0,002	0,006	0,142	FALSE
0,064	0,312	0,002	0,013	0,072	FALSE
0,050	0,297	0,003	0,011	0,107	FALSE
0,110	0,292	0,003	0,007	0,157	FALSE
-0,014	0,297	0,000	0,008	0,021	FALSE
-0,083	0,307	-0,002	0,008	0,095	FALSE
0,134	0,294	0,006	0,012	0,203	FALSE
0,105	0,304	0,004	0,008	0,200	FALSE
-0,206	0,294	-0,008	0,011	0,332	FALSE
-0,145	0,313	-0,006	0,011	0,205	FALSE
-0,148	0,303	-0,006	0,012	0,213	FALSE
-0,101	0,311	-0,003	0,012	0,111	FALSE
0,071	0,302	0,002	0,010	0,097	FALSE
0,152	0,309	0,005	0,009	0,230	FALSE
-0,068	0,300	-0,002	0,006	0,105	FALSE
-0,150	0,306	-0,005	0,010	0,224	FALSE
0,016	0,297	0,000	0,007	0,018	FALSE
0,089	0,310	0,003	0,011	0,098	FALSE
-0,089	0,298	-0,004	0,010	0,167	FALSE
0,143	0,304	0,003	0,007	0,187	FALSE
0,014	0,316	0,000	0,007	0,009	FALSE
0,130	0,293	0,006	0,012	0,197	FALSE
-0,154	0,294	-0,004	0,008	0,213	FALSE
-0,093	0,302	-0,002	0,007	0,108	FALSE
-0,070	0,313	-0,003	0,013	0,078	FALSE
-0,069	0,305	-0,002	0,007	0,107	FALSE
-0,094	0,310	-0,002	0,007	0,143	FALSE
-0,054	0,306	-0,002	0,013	0,070	FALSE
0,124	0,291	0,004	0,011	0,157	FALSE
-0,134	0,310	-0,004	0,010	0,174	FALSE
-0,046	0,314	-0,001	0,006	0,076	FALSE
-0,069	0,310	-0,001	0,007	0,055	FALSE
0,102	0,302	0,004	0,011	0,162	FALSE
0,099	0,300	0,003	0,007	0,136	FALSE
0,160	0,308	0,005	0,009	0,214	FALSE
-0,009	0,306	0,000	0,007	0,005	FALSE

-0,065	0,310	-0,003	0,012	0,089	FALSE
0,082	0,317	0,002	0,007	0,125	FALSE
0,128	0,295	0,003	0,008	0,130	FALSE
-0,028	0,297	-0,001	0,006	0,032	FALSE
0,068	0,315	0,003	0,010	0,098	FALSE
0,009	0,312	0,000	0,011	0,005	FALSE
-0,020	0,295	-0,001	0,009	0,035	FALSE
-0,025	0,313	0,000	0,007	0,002	FALSE
0,115	0,310	0,002	0,008	0,117	FALSE
0,063	0,310	0,001	0,008	0,026	FALSE
0,043	0,317	0,001	0,007	0,036	FALSE
-0,027	0,312	0,000	0,009	0,010	FALSE
0,063	0,308	0,003	0,012	0,081	FALSE
-0,034	0,304	-0,001	0,012	0,045	FALSE
-0,028	0,307	-0,001	0,010	0,017	FALSE
-0,026	0,328	-0,001	0,010	0,018	FALSE
-0,072	0,294	-0,003	0,012	0,091	FALSE
-0,076	0,323	-0,003	0,013	0,101	FALSE
-0,074	0,313	-0,002	0,012	0,077	FALSE
-0,031	0,310	-0,001	0,013	0,032	FALSE
0,032	0,309	0,001	0,008	0,028	FALSE
0,054	0,319	0,001	0,009	0,049	FALSE
-0,193	0,293	-0,005	0,008	0,242	FALSE
0,099	0,315	0,003	0,010	0,138	FALSE
-0,134	0,312	-0,005	0,010	0,185	FALSE
-0,023	0,309	-0,001	0,007	0,039	FALSE
-0,073	0,305	-0,002	0,007	0,096	FALSE
-0,110	0,301	-0,003	0,007	0,175	FALSE
-0,081	0,315	-0,002	0,007	0,113	FALSE
-0,083	0,312	-0,003	0,011	0,110	FALSE
0,164	0,297	0,007	0,012	0,258	FALSE
0,073	0,295	0,002	0,008	0,100	FALSE
0,047	0,291	0,001	0,007	0,069	FALSE
-0,073	0,315	-0,002	0,007	0,099	FALSE
-0,086	0,306	-0,002	0,007	0,103	FALSE
-0,099	0,286	-0,004	0,009	0,170	FALSE
-0,097	0,294	-0,004	0,009	0,152	FALSE
-0,147	0,305	-0,004	0,007	0,220	FALSE
-0,109	0,305	-0,003	0,007	0,158	FALSE
0,004	0,317	0,000	0,010	0,016	FALSE
-0,123	0,298	-0,002	0,006	0,131	FALSE
-0,150	0,297	-0,005	0,009	0,242	FALSE
0,101	0,308	0,002	0,008	0,082	FALSE
0,065	0,311	0,002	0,011	0,083	FALSE
-0,001	0,319	0,001	0,009	0,020	FALSE
-0,031	0,315	-0,001	0,008	0,023	FALSE
0,006	0,308	0,000	0,012	0,002	FALSE
0,147	0,290	0,006	0,012	0,226	FALSE
-0,113	0,291	-0,005	0,011	0,170	FALSE
0,005	0,324	0,000	0,008	0,009	FALSE
0,139	0,288	0,004	0,008	0,222	FALSE
0,159	0,300	0,003	0,006	0,221	FALSE
-0,086	0,311	-0,002	0,008	0,112	FALSE

-0,054	0,303	-0,002	0,007	0,085	FALSE
0,017	0,321	0,000	0,008	0,015	FALSE
0,028	0,315	0,000	0,010	0,014	FALSE
0,007	0,303	0,000	0,009	0,001	FALSE
-0,028	0,316	-0,001	0,007	0,042	FALSE
-0,038	0,296	-0,001	0,012	0,042	FALSE
-0,083	0,302	-0,002	0,007	0,101	FALSE
-0,068	0,302	-0,002	0,006	0,125	FALSE
0,087	0,312	0,003	0,009	0,134	FALSE
-0,159	0,302	-0,003	0,007	0,195	FALSE
-0,064	0,299	-0,001	0,006	0,058	FALSE
0,004	0,315	0,000	0,008	0,000	FALSE
-0,036	0,314	-0,002	0,013	0,045	FALSE
-0,002	0,316	0,000	0,012	0,001	FALSE
0,075	0,310	0,003	0,011	0,112	TRUE
0,071	0,309	0,003	0,011	0,116	FALSE
-0,148	0,315	-0,005	0,011	0,198	FALSE
-0,060	0,297	-0,001	0,006	0,086	FALSE
0,078	0,311	0,003	0,012	0,080	FALSE
-0,101	0,302	-0,002	0,007	0,122	FALSE
0,130	0,312	0,004	0,011	0,148	FALSE
-0,082	0,311	-0,001	0,006	0,086	FALSE
-0,067	0,283	-0,003	0,013	0,098	FALSE
0,049	0,305	0,003	0,013	0,073	FALSE
0,014	0,305	-0,001	0,008	0,026	FALSE
-0,059	0,311	-0,002	0,013	0,050	FALSE
-0,073	0,315	-0,002	0,012	0,065	FALSE
0,014	0,303	0,001	0,006	0,049	FALSE
0,053	0,307	0,001	0,007	0,054	FALSE
-0,019	0,320	-0,001	0,007	0,066	FALSE
0,049	0,310	0,002	0,013	0,065	FALSE
-0,108	0,279	-0,003	0,007	0,201	FALSE
-0,038	0,308	-0,001	0,011	0,033	FALSE
-0,003	0,315	-0,001	0,007	0,035	FALSE
0,055	0,317	0,002	0,013	0,043	FALSE
-0,088	0,311	-0,003	0,009	0,111	FALSE
0,058	0,306	0,002	0,012	0,070	FALSE
-0,036	0,297	-0,001	0,006	0,068	FALSE
-0,006	0,297	0,000	0,006	0,017	FALSE
0,103	0,286	0,005	0,012	0,165	FALSE
0,043	0,298	0,001	0,007	0,049	FALSE
0,079	0,291	0,003	0,012	0,110	FALSE
-0,106	0,307	-0,003	0,009	0,117	FALSE
0,012	0,307	0,001	0,007	0,031	FALSE
-0,101	0,308	-0,004	0,013	0,125	FALSE
0,004	0,306	0,000	0,011	0,015	FALSE
0,067	0,315	0,001	0,007	0,072	FALSE
-0,016	0,316	-0,001	0,009	0,027	FALSE
0,093	0,305	0,004	0,011	0,128	FALSE
0,070	0,311	0,003	0,010	0,120	FALSE
0,043	0,312	0,000	0,011	0,014	FALSE
0,037	0,293	0,001	0,007	0,036	FALSE
-0,017	0,306	0,000	0,009	0,015	FALSE

0,016	0,310	0,000	0,008	0,019	FALSE
-0,021	0,302	0,000	0,008	0,008	FALSE
0,032	0,316	0,001	0,008	0,037	FALSE
0,125	0,305	0,004	0,010	0,161	FALSE
0,156	0,307	0,006	0,012	0,191	FALSE
-0,133	0,308	-0,005	0,012	0,180	FALSE
-0,101	0,301	-0,004	0,012	0,136	FALSE
0,047	0,304	0,002	0,012	0,056	FALSE
-0,083	0,311	-0,003	0,011	0,095	FALSE
-0,014	0,318	0,000	0,010	0,001	FALSE
0,012	0,308	0,001	0,012	0,018	FALSE
-0,035	0,311	-0,001	0,008	0,061	FALSE
-0,048	0,303	-0,001	0,006	0,030	FALSE
-0,083	0,311	-0,004	0,012	0,114	FALSE
0,051	0,306	0,002	0,013	0,044	FALSE
-0,046	0,306	-0,001	0,008	0,046	FALSE
-0,040	0,302	-0,002	0,012	0,054	FALSE
-0,058	0,311	-0,002	0,012	0,066	FALSE
0,115	0,298	0,004	0,010	0,159	FALSE
-0,099	0,313	-0,002	0,007	0,121	FALSE
-0,004	0,298	-0,001	0,010	0,020	FALSE
0,107	0,305	0,004	0,012	0,126	FALSE
-0,039	0,316	-0,001	0,010	0,052	FALSE
-0,105	0,305	-0,004	0,012	0,138	FALSE
0,150	0,314	0,007	0,013	0,240	FALSE
0,144	0,300	0,002	0,007	0,140	FALSE
-0,045	0,318	-0,002	0,008	0,072	FALSE
-0,095	0,305	-0,002	0,007	0,099	FALSE
-0,123	0,307	-0,005	0,013	0,150	FALSE
-0,101	0,295	-0,002	0,007	0,138	FALSE
0,008	0,315	0,000	0,013	0,008	FALSE
-0,055	0,315	-0,002	0,012	0,065	FALSE
-0,033	0,309	-0,001	0,007	0,049	FALSE
-0,031	0,305	-0,001	0,010	0,051	FALSE
0,084	0,309	0,004	0,012	0,112	FALSE
0,107	0,303	0,003	0,009	0,146	FALSE
-0,042	0,314	0,000	0,007	0,014	FALSE
-0,048	0,291	0,000	0,010	0,003	FALSE
-0,139	0,299	-0,004	0,008	0,217	FALSE
-0,047	0,309	-0,001	0,007	0,052	FALSE
-0,020	0,301	-0,001	0,010	0,022	FALSE
0,102	0,310	0,003	0,008	0,137	FALSE
0,008	0,308	0,001	0,010	0,022	FALSE
0,024	0,303	0,000	0,006	0,014	FALSE
-0,057	0,310	-0,002	0,010	0,089	FALSE
-0,084	0,295	-0,003	0,009	0,120	FALSE
0,132	0,311	0,003	0,008	0,129	FALSE
-0,078	0,312	-0,002	0,008	0,082	FALSE
-0,061	0,314	-0,001	0,009	0,051	FALSE
0,057	0,298	0,003	0,011	0,096	FALSE
0,181	0,298	0,005	0,009	0,275	FALSE
-0,125	0,311	-0,003	0,008	0,174	FALSE
0,023	0,310	0,001	0,011	0,028	FALSE

-0,028	0,295	-0,001	0,006	0,036	FALSE
-0,131	0,305	-0,003	0,008	0,142	FALSE
-0,075	0,320	-0,002	0,011	0,060	FALSE
0,105	0,307	0,003	0,011	0,098	FALSE
0,067	0,308	0,001	0,007	0,078	FALSE
-0,177	0,303	-0,005	0,009	0,206	FALSE
-0,127	0,303	-0,003	0,007	0,188	FALSE
0,222	0,294	0,007	0,008	0,423	FALSE
0,095	0,304	0,003	0,010	0,132	FALSE
0,054	0,314	0,003	0,010	0,095	FALSE
0,130	0,300	0,005	0,010	0,212	FALSE
-0,115	0,310	-0,003	0,007	0,157	FALSE
0,034	0,308	0,000	0,007	0,021	FALSE
0,058	0,304	0,002	0,013	0,045	FALSE
0,078	0,302	0,002	0,007	0,085	FALSE
-0,079	0,299	-0,004	0,009	0,161	FALSE
-0,008	0,313	0,000	0,007	0,003	FALSE
0,039	0,311	0,001	0,007	0,063	FALSE
0,038	0,311	0,001	0,007	0,068	FALSE
-0,013	0,316	0,000	0,010	0,002	FALSE
0,032	0,310	0,001	0,008	0,062	FALSE
0,082	0,309	0,002	0,007	0,109	FALSE
-0,049	0,321	-0,002	0,011	0,062	FALSE
-0,029	0,295	0,000	0,006	0,017	FALSE
-0,025	0,279	0,000	0,012	0,014	FALSE
0,030	0,326	0,000	0,011	0,005	FALSE
0,044	0,332	0,001	0,009	0,033	FALSE
-0,014	0,304	0,000	0,011	0,004	FALSE
0,032	0,318	0,002	0,013	0,053	FALSE
-0,109	0,294	-0,002	0,006	0,159	FALSE
0,062	0,306	0,003	0,011	0,087	FALSE
0,060	0,312	0,002	0,010	0,056	FALSE
0,133	0,289	0,003	0,006	0,223	FALSE
0,010	0,305	0,001	0,012	0,025	FALSE
0,031	0,314	0,001	0,007	0,053	FALSE
0,082	0,305	0,002	0,007	0,109	FALSE
0,127	0,314	0,002	0,007	0,113	FALSE
0,103	0,300	0,005	0,012	0,171	FALSE
0,105	0,301	0,002	0,006	0,144	FALSE
0,147	0,291	0,006	0,013	0,183	FALSE
-0,019	0,304	-0,001	0,013	0,026	FALSE
0,070	0,311	0,003	0,010	0,114	FALSE
-0,014	0,309	0,000	0,012	0,009	FALSE
-0,092	0,309	-0,001	0,007	0,075	FALSE
0,203	0,284	0,009	0,012	0,336	FALSE
0,082	0,301	0,003	0,012	0,106	FALSE
0,118	0,302	0,003	0,008	0,154	FALSE
-0,014	0,303	-0,001	0,007	0,035	FALSE
-0,027	0,318	-0,001	0,007	0,031	FALSE
0,063	0,309	0,003	0,013	0,089	FALSE
-0,140	0,305	-0,004	0,009	0,185	FALSE
-0,013	0,324	-0,001	0,011	0,032	FALSE
-0,136	0,323	-0,004	0,012	0,139	FALSE

-0,050	0,298	-0,002	0,007	0,101	FALSE
-0,045	0,309	-0,002	0,012	0,073	FALSE
0,008	0,301	0,000	0,007	0,014	FALSE
0,053	0,321	0,001	0,006	0,065	FALSE
-0,101	0,314	-0,002	0,007	0,136	FALSE
0,024	0,294	0,000	0,011	0,013	FALSE
0,023	0,320	0,000	0,009	0,019	FALSE
-0,001	0,296	-0,001	0,012	0,037	FALSE
0,059	0,313	0,003	0,012	0,109	FALSE
-0,106	0,309	-0,002	0,008	0,127	FALSE
-0,074	0,295	-0,003	0,010	0,113	FALSE
0,134	0,300	0,005	0,011	0,196	FALSE
0,001	0,315	0,001	0,012	0,019	FALSE
0,037	0,302	0,002	0,007	0,083	FALSE
0,019	0,313	0,000	0,012	0,006	FALSE
0,113	0,297	0,002	0,006	0,158	FALSE
0,038	0,295	0,001	0,010	0,052	FALSE
0,073	0,309	0,002	0,010	0,080	FALSE
-0,035	0,304	-0,001	0,007	0,050	FALSE
0,096	0,312	0,004	0,011	0,131	FALSE
-0,026	0,301	0,000	0,008	0,002	FALSE
-0,021	0,331	-0,001	0,013	0,028	FALSE
-0,032	0,305	-0,002	0,010	0,080	FALSE
-0,050	0,294	-0,003	0,010	0,111	FALSE
-0,122	0,309	-0,003	0,007	0,142	FALSE
-0,054	0,299	-0,003	0,012	0,088	FALSE
-0,164	0,305	-0,007	0,012	0,231	FALSE
-0,005	0,314	0,000	0,007	0,003	FALSE
0,121	0,307	0,003	0,009	0,144	FALSE
-0,027	0,318	-0,001	0,008	0,038	FALSE
0,041	0,309	0,002	0,012	0,064	FALSE
0,156	0,288	0,006	0,012	0,223	FALSE
-0,066	0,314	-0,001	0,007	0,066	FALSE
0,041	0,302	0,001	0,008	0,054	FALSE
-0,096	0,293	-0,004	0,010	0,141	FALSE
0,069	0,311	0,002	0,006	0,110	FALSE
-0,082	0,325	-0,002	0,007	0,101	FALSE
-0,026	0,310	0,000	0,007	0,023	FALSE
0,061	0,302	0,001	0,010	0,039	FALSE
-0,110	0,293	-0,002	0,007	0,131	FALSE
0,011	0,311	0,000	0,009	0,013	FALSE
-0,097	0,303	-0,002	0,006	0,122	FALSE
0,022	0,316	0,000	0,007	0,009	FALSE
-0,111	0,319	-0,003	0,008	0,179	FALSE
-0,038	0,312	-0,001	0,010	0,054	FALSE
-0,034	0,298	-0,001	0,009	0,052	FALSE
-0,117	0,314	-0,003	0,008	0,179	FALSE
0,061	0,301	0,003	0,010	0,111	FALSE
0,104	0,303	0,005	0,013	0,176	FALSE
0,107	0,305	0,003	0,011	0,110	FALSE
0,217	0,308	0,009	0,012	0,314	FALSE
0,033	0,319	0,001	0,007	0,028	FALSE
0,234	0,284	0,008	0,010	0,376	FALSE

-0,017	0,293	0,000	0,009	0,019	FALSE
0,096	0,312	0,002	0,007	0,145	FALSE
-0,086	0,299	-0,002	0,007	0,081	FALSE
0,008	0,311	0,000	0,009	0,002	FALSE
-0,007	0,308	0,000	0,008	0,004	FALSE
0,004	0,307	0,000	0,007	0,005	FALSE
0,021	0,305	0,001	0,007	0,039	FALSE
0,125	0,298	0,003	0,007	0,155	FALSE
0,136	0,316	0,005	0,011	0,206	FALSE
-0,046	0,312	-0,001	0,012	0,039	FALSE
0,064	0,300	0,002	0,012	0,064	FALSE
-0,005	0,300	0,000	0,007	0,015	FALSE
-0,019	0,312	-0,001	0,012	0,030	FALSE
0,002	0,314	0,000	0,012	0,004	FALSE
-0,004	0,322	0,000	0,013	0,009	FALSE
-0,009	0,321	0,000	0,012	0,008	FALSE
0,012	0,315	0,001	0,012	0,017	FALSE
-0,023	0,307	-0,001	0,012	0,024	FALSE
0,005	0,311	0,000	0,012	0,002	FALSE
0,022	0,326	0,001	0,013	0,018	FALSE
-0,019	0,315	-0,001	0,012	0,027	FALSE
0,011	0,314	0,000	0,013	0,004	FALSE
-0,185	0,301	-0,004	0,007	0,242	FALSE
0,129	0,299	0,003	0,006	0,168	FALSE
0,068	0,300	0,002	0,012	0,074	FALSE
-0,115	0,304	-0,004	0,011	0,131	FALSE
-0,078	0,322	-0,002	0,008	0,122	FALSE
0,057	0,302	0,000	0,011	0,014	FALSE
0,023	0,310	0,001	0,011	0,045	FALSE
-0,006	0,294	-0,001	0,007	0,050	FALSE
-0,007	0,315	-0,001	0,010	0,027	FALSE
0,114	0,315	0,003	0,006	0,178	FALSE
-0,021	0,302	0,000	0,008	0,021	FALSE
-0,140	0,300	-0,004	0,008	0,184	FALSE
0,071	0,292	0,002	0,007	0,094	FALSE
0,064	0,306	0,001	0,006	0,077	FALSE
-0,022	0,308	-0,002	0,010	0,082	FALSE
0,173	0,302	0,005	0,008	0,259	FALSE
-0,165	0,302	-0,007	0,012	0,272	FALSE
0,108	0,297	0,002	0,006	0,107	FALSE
-0,086	0,301	-0,002	0,007	0,080	FALSE
-0,015	0,307	0,000	0,007	0,002	FALSE
0,137	0,298	0,005	0,010	0,238	FALSE
0,115	0,316	0,005	0,012	0,152	FALSE
-0,112	0,302	-0,003	0,009	0,137	FALSE
-0,053	0,297	-0,001	0,008	0,048	FALSE
-0,176	0,301	-0,004	0,008	0,249	FALSE
-0,174	0,301	-0,005	0,008	0,262	FALSE
-0,128	0,298	-0,005	0,010	0,198	FALSE
0,112	0,309	0,004	0,010	0,161	FALSE
0,073	0,317	0,001	0,007	0,080	FALSE
0,042	0,307	0,001	0,008	0,038	FALSE
-0,051	0,312	-0,001	0,007	0,065	FALSE

-0,023	0,305	0,000	0,010	0,004	FALSE
0,001	0,310	0,000	0,012	0,006	FALSE
-0,025	0,314	0,000	0,009	0,018	FALSE
0,004	0,312	0,000	0,011	0,005	FALSE
0,023	0,304	0,000	0,006	0,001	FALSE
0,040	0,311	0,001	0,012	0,042	FALSE
0,050	0,316	0,001	0,008	0,070	FALSE
0,095	0,305	0,003	0,009	0,137	FALSE
0,030	0,314	0,000	0,007	0,024	FALSE
-0,075	0,297	-0,001	0,006	0,084	FALSE
-0,167	0,311	-0,005	0,009	0,240	FALSE
0,109	0,308	0,003	0,011	0,115	FALSE
-0,013	0,303	-0,001	0,012	0,041	FALSE
-0,044	0,311	-0,001	0,007	0,078	FALSE
-0,002	0,299	0,000	0,006	0,007	FALSE
-0,106	0,313	-0,005	0,013	0,169	FALSE
-0,126	0,305	-0,006	0,012	0,214	FALSE
0,001	0,292	0,000	0,007	0,012	FALSE
0,122	0,308	0,003	0,008	0,150	FALSE
-0,033	0,298	-0,001	0,008	0,032	FALSE
0,025	0,292	0,000	0,010	0,006	FALSE
0,159	0,287	0,007	0,011	0,304	FALSE
-0,011	0,311	0,000	0,008	0,001	FALSE
0,050	0,300	0,003	0,011	0,093	FALSE
-0,084	0,316	-0,002	0,007	0,094	FALSE
-0,034	0,302	-0,001	0,012	0,042	FALSE
-0,084	0,298	-0,002	0,007	0,103	FALSE
-0,161	0,295	-0,003	0,006	0,235	FALSE
0,038	0,311	0,002	0,011	0,066	FALSE
0,019	0,296	0,002	0,012	0,075	FALSE
0,047	0,304	0,001	0,007	0,024	FALSE
0,038	0,301	0,001	0,012	0,028	FALSE
-0,047	0,311	-0,002	0,008	0,084	FALSE
0,093	0,318	0,003	0,009	0,133	FALSE
-0,045	0,308	-0,002	0,010	0,061	FALSE
-0,062	0,312	-0,002	0,011	0,084	FALSE
0,108	0,314	0,002	0,007	0,130	FALSE
-0,004	0,321	0,000	0,007	0,016	FALSE
0,079	0,311	0,002	0,008	0,107	FALSE
0,003	0,310	0,000	0,011	0,011	FALSE
-0,027	0,307	-0,001	0,010	0,039	FALSE
0,045	0,309	0,002	0,009	0,075	FALSE
0,025	0,300	0,001	0,011	0,035	FALSE
0,036	0,307	0,001	0,009	0,055	FALSE
-0,059	0,295	-0,001	0,008	0,063	FALSE
0,067	0,300	0,003	0,010	0,117	FALSE
0,058	0,291	0,003	0,009	0,115	FALSE
0,051	0,303	0,003	0,010	0,103	FALSE
-0,020	0,316	-0,001	0,006	0,048	FALSE
-0,061	0,314	-0,002	0,010	0,089	FALSE
-0,129	0,300	-0,005	0,012	0,193	FALSE
0,003	0,312	0,000	0,009	0,010	FALSE
-0,087	0,305	-0,003	0,010	0,101	FALSE

0,105	0,307	0,002	0,007	0,128	FALSE
-0,005	0,308	0,000	0,008	0,020	FALSE
-0,075	0,308	-0,003	0,013	0,107	FALSE
0,062	0,304	0,002	0,009	0,069	FALSE
0,068	0,292	0,001	0,006	0,077	FALSE
0,027	0,315	0,001	0,010	0,026	FALSE
-0,007	0,302	0,000	0,010	0,007	FALSE
-0,071	0,313	-0,002	0,011	0,087	FALSE
-0,022	0,313	-0,001	0,007	0,041	FALSE
-0,063	0,310	-0,002	0,011	0,065	FALSE
0,133	0,311	0,004	0,009	0,173	FALSE
-0,178	0,299	-0,007	0,013	0,256	FALSE
0,068	0,314	0,002	0,011	0,056	FALSE
0,084	0,309	0,002	0,011	0,068	FALSE
-0,043	0,305	-0,002	0,013	0,066	FALSE
-0,066	0,291	-0,003	0,012	0,103	FALSE
-0,019	0,310	-0,002	0,012	0,063	FALSE
-0,036	0,301	-0,002	0,012	0,069	FALSE
-0,031	0,305	-0,001	0,011	0,051	FALSE
-0,025	0,308	-0,001	0,012	0,017	FALSE
0,017	0,289	0,001	0,010	0,044	FALSE
-0,081	0,311	-0,003	0,009	0,111	FALSE
-0,035	0,306	-0,001	0,007	0,051	FALSE
0,182	0,299	0,005	0,010	0,228	FALSE
0,031	0,308	0,000	0,006	0,027	FALSE
-0,096	0,310	-0,002	0,008	0,105	FALSE
-0,062	0,308	-0,001	0,007	0,041	FALSE
0,024	0,295	0,001	0,008	0,041	FALSE
-0,150	0,314	-0,004	0,010	0,159	FALSE
-0,001	0,306	0,000	0,011	0,013	FALSE
0,084	0,307	0,001	0,006	0,087	FALSE
-0,050	0,308	-0,002	0,013	0,051	FALSE
-0,026	0,295	-0,001	0,006	0,047	FALSE
-0,034	0,309	-0,001	0,007	0,050	FALSE
-0,087	0,302	-0,003	0,011	0,090	FALSE
0,110	0,300	0,002	0,006	0,125	FALSE
-0,038	0,317	-0,002	0,010	0,057	FALSE
-0,036	0,313	-0,001	0,009	0,047	FALSE
-0,022	0,307	-0,001	0,008	0,070	FALSE
-0,012	0,295	-0,001	0,008	0,026	FALSE
0,032	0,319	0,001	0,010	0,054	FALSE
-0,116	0,298	-0,005	0,012	0,156	FALSE
-0,025	0,311	0,000	0,012	0,011	FALSE
0,164	0,305	0,004	0,007	0,225	FALSE
0,030	0,312	0,001	0,012	0,019	FALSE
-0,007	0,309	0,001	0,011	0,017	FALSE
0,066	0,312	0,001	0,007	0,064	FALSE
0,012	0,307	0,001	0,007	0,037	FALSE
0,028	0,297	0,000	0,009	0,016	FALSE
-0,032	0,299	-0,001	0,009	0,064	FALSE
-0,013	0,316	0,000	0,010	0,004	FALSE
-0,196	0,310	-0,006	0,010	0,262	FALSE
-0,091	0,313	-0,002	0,006	0,119	FALSE

0,014	0,303	0,001	0,008	0,026	FALSE
0,027	0,295	0,001	0,008	0,062	FALSE
-0,029	0,289	-0,002	0,012	0,053	FALSE
-0,045	0,298	-0,002	0,011	0,066	FALSE
0,054	0,306	0,001	0,006	0,057	FALSE
-0,052	0,308	-0,001	0,007	0,036	FALSE
-0,090	0,319	-0,002	0,010	0,088	FALSE
-0,066	0,304	-0,003	0,013	0,097	FALSE
0,018	0,321	0,000	0,008	0,005	FALSE
0,162	0,300	0,004	0,006	0,251	FALSE
-0,179	0,300	-0,008	0,013	0,288	FALSE
0,039	0,315	0,001	0,009	0,042	FALSE
0,022	0,300	0,000	0,009	0,014	FALSE
0,080	0,318	0,003	0,008	0,133	FALSE
-0,017	0,303	0,001	0,012	0,024	FALSE
0,039	0,298	0,001	0,010	0,050	FALSE
0,109	0,301	0,005	0,011	0,173	FALSE
0,115	0,291	0,003	0,008	0,131	FALSE
-0,070	0,296	-0,002	0,012	0,075	FALSE
0,026	0,315	0,001	0,010	0,049	FALSE
-0,087	0,317	-0,003	0,012	0,106	FALSE
-0,097	0,312	-0,004	0,011	0,132	FALSE
0,024	0,315	0,001	0,012	0,023	FALSE
0,058	0,301	0,002	0,010	0,084	FALSE
-0,109	0,315	-0,003	0,010	0,137	FALSE
0,168	0,307	0,005	0,008	0,267	FALSE
-0,033	0,315	0,000	0,007	0,022	FALSE
-0,023	0,315	-0,001	0,012	0,029	FALSE
-0,054	0,300	-0,002	0,011	0,072	FALSE
0,013	0,305	0,001	0,011	0,046	FALSE
0,014	0,306	0,001	0,011	0,026	FALSE
0,036	0,327	0,002	0,011	0,053	FALSE
-0,012	0,323	0,000	0,011	0,006	FALSE
0,048	0,306	0,002	0,011	0,059	FALSE
-0,037	0,307	-0,002	0,010	0,060	FALSE
0,014	0,312	0,000	0,006	0,011	FALSE
-0,034	0,306	-0,001	0,008	0,059	FALSE
-0,015	0,302	-0,001	0,012	0,042	FALSE
0,050	0,308	0,001	0,006	0,048	FALSE
-0,035	0,313	-0,001	0,007	0,039	FALSE
-0,049	0,299	-0,001	0,007	0,059	FALSE
-0,083	0,300	-0,002	0,012	0,074	FALSE
0,060	0,306	0,003	0,012	0,086	FALSE
-0,170	0,305	-0,004	0,007	0,262	FALSE
0,115	0,300	0,003	0,007	0,171	FALSE
-0,035	0,303	-0,001	0,009	0,041	FALSE
-0,025	0,318	-0,001	0,007	0,048	FALSE
-0,061	0,310	-0,002	0,007	0,104	FALSE
-0,038	0,307	0,000	0,006	0,027	FALSE
0,027	0,311	0,001	0,011	0,045	FALSE
-0,037	0,306	0,000	0,010	0,014	FALSE
0,002	0,305	0,000	0,012	0,015	FALSE
0,000	0,314	0,001	0,013	0,031	FALSE

0,013	0,301	0,000	0,006	0,023	FALSE
-0,062	0,322	-0,002	0,006	0,117	FALSE
-0,121	0,312	-0,004	0,008	0,190	FALSE
-0,003	0,294	-0,001	0,013	0,033	FALSE
-0,106	0,311	-0,003	0,009	0,132	FALSE
-0,030	0,307	-0,001	0,011	0,024	FALSE
-0,057	0,317	-0,003	0,012	0,099	FALSE
0,169	0,311	0,006	0,011	0,235	FALSE
-0,103	0,302	-0,002	0,007	0,128	FALSE
-0,030	0,305	0,000	0,007	0,021	FALSE
-0,052	0,325	-0,002	0,012	0,058	FALSE
0,121	0,314	0,005	0,013	0,162	FALSE
0,081	0,304	0,004	0,012	0,110	FALSE
0,094	0,302	0,003	0,010	0,133	FALSE
-0,078	0,319	-0,001	0,008	0,070	FALSE
-0,077	0,295	-0,004	0,012	0,111	FALSE
0,112	0,298	0,003	0,007	0,171	FALSE
-0,104	0,303	-0,003	0,008	0,147	FALSE
0,065	0,289	0,002	0,006	0,105	FALSE
-0,023	0,310	-0,001	0,013	0,030	FALSE
0,052	0,333	0,002	0,009	0,065	FALSE
0,018	0,317	0,001	0,008	0,033	FALSE
0,027	0,299	0,002	0,012	0,057	FALSE
0,037	0,301	0,001	0,010	0,044	FALSE
-0,012	0,299	0,000	0,007	0,016	FALSE
-0,006	0,302	-0,001	0,007	0,028	FALSE
0,017	0,308	0,000	0,007	0,006	FALSE
0,062	0,312	0,002	0,007	0,098	FALSE
0,018	0,315	0,000	0,013	0,012	FALSE
-0,137	0,295	-0,003	0,007	0,190	FALSE
0,089	0,301	0,003	0,008	0,125	FALSE
0,112	0,321	0,003	0,009	0,146	FALSE
-0,004	0,320	0,000	0,007	0,014	FALSE
-0,091	0,304	-0,003	0,012	0,097	FALSE
0,044	0,301	0,002	0,011	0,070	FALSE
0,126	0,302	0,005	0,012	0,168	FALSE
-0,096	0,315	-0,004	0,012	0,137	FALSE
-0,013	0,317	0,000	0,008	0,004	FALSE
-0,099	0,298	-0,002	0,008	0,099	FALSE
0,035	0,310	0,001	0,008	0,054	FALSE
0,008	0,311	0,000	0,008	0,003	FALSE
-0,007	0,307	0,000	0,007	0,018	FALSE
0,016	0,302	0,000	0,006	0,018	FALSE
0,088	0,303	0,002	0,010	0,098	FALSE
-0,040	0,311	-0,001	0,012	0,035	FALSE
0,019	0,319	0,001	0,009	0,038	FALSE
0,013	0,301	0,001	0,012	0,037	FALSE
-0,005	0,322	0,000	0,013	0,003	FALSE
0,063	0,312	0,002	0,011	0,067	FALSE
-0,013	0,313	-0,001	0,013	0,037	FALSE
0,073	0,296	0,001	0,008	0,067	FALSE
-0,041	0,308	-0,002	0,010	0,063	FALSE
0,080	0,296	0,002	0,008	0,089	FALSE

0,077	0,303	0,002	0,009	0,087	FALSE
-0,023	0,308	-0,001	0,013	0,040	FALSE
-0,057	0,292	-0,004	0,013	0,109	FALSE
-0,107	0,271	-0,006	0,012	0,238	FALSE
0,035	0,296	0,001	0,006	0,053	FALSE
-0,030	0,297	0,000	0,008	0,011	FALSE
-0,064	0,309	-0,002	0,007	0,080	FALSE
0,041	0,296	0,001	0,007	0,042	FALSE
-0,026	0,313	-0,001	0,007	0,047	FALSE
0,126	0,295	0,004	0,010	0,177	FALSE
0,068	0,311	0,001	0,006	0,070	FALSE
0,071	0,305	0,002	0,011	0,080	FALSE
-0,144	0,297	-0,003	0,007	0,159	FALSE
-0,148	0,306	-0,003	0,008	0,165	FALSE
0,066	0,301	0,002	0,007	0,095	FALSE
0,141	0,291	0,003	0,006	0,226	FALSE
0,134	0,301	0,004	0,009	0,190	FALSE
-0,052	0,306	-0,001	0,007	0,060	FALSE
-0,033	0,298	-0,002	0,012	0,077	FALSE
0,095	0,312	0,003	0,011	0,108	FALSE
0,056	0,314	0,001	0,007	0,045	FALSE
-0,073	0,294	-0,002	0,012	0,059	FALSE
0,042	0,295	0,002	0,011	0,063	FALSE
-0,068	0,294	-0,002	0,007	0,135	FALSE
-0,021	0,305	-0,001	0,008	0,049	FALSE
0,060	0,313	0,003	0,012	0,094	FALSE
0,117	0,314	0,002	0,006	0,146	FALSE
-0,034	0,304	-0,001	0,011	0,029	FALSE
-0,145	0,306	-0,007	0,013	0,226	FALSE
0,002	0,302	0,000	0,006	0,016	FALSE
0,051	0,314	0,003	0,011	0,087	FALSE
0,027	0,305	0,002	0,011	0,053	FALSE
0,031	0,303	0,001	0,011	0,045	FALSE
0,085	0,303	0,002	0,009	0,108	FALSE
0,039	0,325	0,001	0,007	0,043	FALSE
-0,026	0,313	-0,002	0,011	0,063	FALSE
0,032	0,311	0,001	0,006	0,041	FALSE
-0,057	0,322	-0,003	0,011	0,088	FALSE
0,025	0,309	0,001	0,008	0,046	FALSE
0,053	0,298	0,002	0,009	0,086	FALSE
-0,038	0,304	-0,001	0,006	0,059	FALSE
-0,092	0,320	-0,004	0,013	0,123	FALSE
-0,086	0,312	-0,003	0,008	0,135	FALSE
0,087	0,318	0,003	0,010	0,117	FALSE
-0,011	0,321	0,000	0,012	0,014	FALSE
-0,069	0,303	-0,001	0,007	0,070	FALSE
0,131	0,308	0,003	0,008	0,169	FALSE
-0,006	0,300	0,000	0,008	0,016	FALSE
0,070	0,309	0,003	0,011	0,092	FALSE
0,095	0,305	0,005	0,012	0,158	FALSE
0,058	0,304	0,001	0,007	0,032	FALSE
0,068	0,304	0,002	0,008	0,093	FALSE
0,101	0,296	0,004	0,012	0,121	FALSE

-0,111	0,310	-0,003	0,009	0,131	FALSE
0,059	0,309	0,001	0,007	0,056	FALSE
-0,017	0,319	-0,001	0,007	0,036	FALSE
-0,053	0,324	-0,002	0,012	0,076	FALSE
0,047	0,309	0,001	0,013	0,034	FALSE
-0,057	0,304	-0,002	0,007	0,084	FALSE
-0,021	0,305	-0,002	0,011	0,051	FALSE
0,011	0,321	0,000	0,009	0,012	FALSE
0,000	0,316	0,000	0,006	0,006	FALSE
-0,050	0,300	-0,002	0,012	0,068	FALSE
0,150	0,288	0,008	0,012	0,303	FALSE
0,142	0,298	0,006	0,010	0,239	FALSE
0,052	0,304	0,002	0,008	0,084	FALSE
-0,136	0,287	-0,006	0,011	0,223	FALSE
-0,105	0,323	-0,005	0,013	0,148	FALSE
0,015	0,309	0,000	0,008	0,008	FALSE
0,102	0,311	0,003	0,011	0,105	FALSE
0,083	0,304	0,001	0,007	0,079	FALSE
0,037	0,298	0,002	0,011	0,054	FALSE
-0,060	0,312	-0,001	0,007	0,071	FALSE
0,001	0,316	0,000	0,007	0,010	FALSE
0,117	0,318	0,004	0,010	0,151	FALSE
-0,103	0,295	-0,002	0,007	0,117	FALSE
-0,070	0,306	-0,001	0,007	0,080	FALSE
-0,058	0,317	-0,001	0,007	0,041	FALSE
-0,066	0,308	-0,002	0,012	0,068	FALSE
-0,061	0,310	-0,001	0,006	0,087	FALSE
-0,099	0,313	-0,002	0,006	0,142	FALSE
-0,064	0,295	-0,002	0,006	0,105	FALSE
0,124	0,304	0,003	0,007	0,151	FALSE
0,067	0,284	0,003	0,012	0,099	FALSE
0,059	0,307	0,001	0,006	0,061	FALSE
-0,029	0,303	-0,002	0,013	0,047	FALSE
0,033	0,309	0,002	0,012	0,047	FALSE
0,024	0,320	0,001	0,010	0,022	FALSE
-0,058	0,313	-0,003	0,010	0,104	FALSE
-0,088	0,312	-0,003	0,012	0,097	FALSE
-0,040	0,309	-0,001	0,007	0,045	FALSE
0,019	0,309	0,001	0,010	0,020	FALSE
-0,110	0,303	-0,004	0,011	0,120	FALSE
0,055	0,306	0,001	0,008	0,043	FALSE
0,028	0,306	0,001	0,009	0,050	FALSE
-0,036	0,294	-0,002	0,012	0,060	FALSE
-0,041	0,298	-0,001	0,007	0,040	FALSE
0,002	0,307	0,001	0,008	0,032	FALSE
0,021	0,312	0,001	0,012	0,035	FALSE
0,016	0,306	0,001	0,011	0,028	FALSE
-0,012	0,309	0,000	0,011	0,015	FALSE
-0,001	0,311	0,000	0,012	0,008	FALSE
0,028	0,315	0,001	0,008	0,028	FALSE
-0,012	0,303	0,000	0,006	0,018	FALSE
0,154	0,297	0,006	0,011	0,237	FALSE
0,109	0,307	0,004	0,013	0,126	FALSE

-0,050	0,295	-0,001	0,007	0,065	FALSE
0,080	0,312	0,004	0,012	0,117	FALSE
0,034	0,314	0,003	0,013	0,095	FALSE
-0,024	0,297	0,000	0,007	0,011	FALSE
-0,095	0,298	-0,003	0,008	0,140	FALSE
0,113	0,292	0,004	0,009	0,174	FALSE
-0,121	0,289	-0,003	0,008	0,174	FALSE
0,145	0,295	0,006	0,010	0,231	FALSE
0,146	0,306	0,003	0,007	0,208	FALSE
-0,084	0,298	-0,003	0,011	0,100	FALSE
0,008	0,315	0,000	0,009	0,000	FALSE
-0,003	0,316	0,000	0,007	0,008	FALSE
0,006	0,310	-0,001	0,009	0,022	FALSE
-0,037	0,307	-0,002	0,010	0,075	FALSE
0,098	0,307	0,003	0,009	0,144	FALSE
0,071	0,299	0,001	0,007	0,067	FALSE
-0,018	0,310	-0,001	0,007	0,040	FALSE
-0,047	0,305	-0,001	0,006	0,062	FALSE
0,023	0,320	0,001	0,007	0,036	FALSE
-0,010	0,307	-0,001	0,012	0,033	FALSE
0,099	0,306	0,002	0,006	0,148	FALSE
-0,065	0,309	-0,003	0,013	0,075	FALSE
0,054	0,314	0,001	0,007	0,063	FALSE
0,004	0,311	0,000	0,007	0,017	FALSE
-0,146	0,304	-0,004	0,008	0,213	FALSE
0,002	0,310	0,000	0,009	0,002	FALSE
-0,129	0,305	-0,002	0,006	0,132	FALSE
-0,088	0,328	-0,003	0,009	0,136	FALSE
-0,048	0,310	-0,001	0,012	0,042	FALSE
-0,072	0,322	-0,002	0,010	0,089	FALSE
-0,027	0,318	0,000	0,008	0,001	FALSE
-0,037	0,313	-0,002	0,010	0,073	FALSE
0,113	0,303	0,004	0,011	0,147	FALSE
0,105	0,297	0,003	0,009	0,127	FALSE
-0,032	0,298	-0,001	0,006	0,029	FALSE
0,050	0,307	0,000	0,008	0,020	FALSE
0,119	0,294	0,005	0,011	0,190	FALSE
-0,025	0,309	0,000	0,006	0,006	FALSE
-0,084	0,307	-0,002	0,009	0,103	FALSE
-0,087	0,304	-0,002	0,008	0,102	FALSE
0,004	0,307	0,000	0,013	0,001	FALSE
0,056	0,300	0,001	0,006	0,067	FALSE
0,033	0,318	0,001	0,012	0,042	FALSE
-0,107	0,299	-0,003	0,009	0,131	FALSE
0,101	0,303	0,003	0,013	0,099	FALSE
0,097	0,317	0,002	0,007	0,103	FALSE
0,224	0,286	0,009	0,012	0,355	FALSE
-0,047	0,310	-0,001	0,006	0,064	FALSE
0,018	0,304	0,001	0,013	0,020	FALSE
-0,059	0,301	-0,002	0,009	0,075	FALSE
0,102	0,309	0,004	0,010	0,142	FALSE
0,108	0,315	0,003	0,009	0,132	FALSE
0,064	0,307	0,001	0,008	0,063	FALSE

-0,007	0,300	0,000	0,007	0,015	FALSE
0,068	0,295	0,002	0,007	0,108	FALSE
0,008	0,306	0,000	0,006	0,007	FALSE
-0,018	0,299	-0,001	0,008	0,025	FALSE
0,039	0,304	0,002	0,007	0,086	FALSE
-0,117	0,311	-0,004	0,012	0,141	FALSE
0,033	0,314	0,001	0,009	0,056	FALSE
0,072	0,312	0,002	0,009	0,089	FALSE
0,021	0,298	0,001	0,012	0,029	FALSE
0,112	0,316	0,002	0,007	0,088	FALSE
-0,021	0,300	0,000	0,011	0,005	FALSE
0,019	0,323	0,002	0,013	0,049	FALSE
-0,023	0,320	-0,001	0,012	0,041	FALSE
0,015	0,297	0,000	0,010	0,006	FALSE
-0,057	0,313	-0,001	0,010	0,044	FALSE
0,011	0,305	0,000	0,013	0,002	FALSE
-0,016	0,317	-0,001	0,009	0,037	FALSE
0,006	0,298	0,000	0,012	0,004	FALSE
0,014	0,306	0,000	0,009	0,008	FALSE
0,001	0,294	0,000	0,006	0,012	FALSE
-0,054	0,316	-0,001	0,007	0,072	FALSE
-0,038	0,314	-0,002	0,010	0,059	FALSE
0,086	0,293	0,004	0,011	0,138	FALSE
0,111	0,306	0,003	0,007	0,167	FALSE
-0,056	0,313	-0,001	0,008	0,048	FALSE
0,022	0,321	0,000	0,012	0,014	FALSE
-0,047	0,313	-0,001	0,008	0,043	FALSE
-0,026	0,307	0,000	0,007	0,019	FALSE
-0,060	0,303	-0,001	0,008	0,056	FALSE
0,101	0,296	0,002	0,007	0,099	FALSE
-0,078	0,306	-0,002	0,008	0,098	FALSE
-0,127	0,305	-0,003	0,008	0,159	FALSE
-0,152	0,294	-0,004	0,009	0,185	FALSE
0,091	0,292	0,003	0,007	0,183	FALSE
-0,039	0,299	-0,001	0,009	0,060	FALSE
-0,203	0,281	-0,008	0,012	0,299	FALSE
0,147	0,303	0,004	0,009	0,189	FALSE
-0,078	0,316	-0,002	0,008	0,072	FALSE
0,055	0,292	0,001	0,008	0,058	FALSE
0,051	0,316	0,001	0,008	0,050	FALSE
0,167	0,307	0,005	0,008	0,259	FALSE
0,037	0,307	0,001	0,008	0,033	FALSE
0,056	0,298	0,001	0,007	0,061	FALSE
0,162	0,302	0,004	0,008	0,233	FALSE
-0,006	0,307	-0,001	0,008	0,026	FALSE
-0,146	0,301	-0,007	0,012	0,221	FALSE
0,041	0,306	0,002	0,008	0,073	FALSE
-0,054	0,294	-0,001	0,007	0,079	FALSE
-0,018	0,292	0,000	0,011	0,009	FALSE
0,099	0,308	0,003	0,010	0,114	FALSE
-0,118	0,310	-0,005	0,012	0,166	FALSE
-0,040	0,308	-0,002	0,013	0,058	FALSE
0,076	0,310	0,002	0,007	0,133	FALSE

-0,032	0,299	0,000	0,012	0,000	FALSE
-0,049	0,299	-0,001	0,012	0,019	FALSE
-0,024	0,307	-0,001	0,012	0,020	FALSE
0,024	0,315	0,002	0,012	0,056	FALSE
-0,043	0,317	-0,002	0,012	0,071	FALSE
0,031	0,298	0,001	0,010	0,035	FALSE
-0,028	0,300	-0,002	0,012	0,065	FALSE
-0,070	0,296	-0,002	0,008	0,097	FALSE
-0,036	0,329	-0,001	0,013	0,026	FALSE
-0,065	0,308	-0,002	0,009	0,097	FALSE
-0,158	0,303	-0,006	0,011	0,235	FALSE
0,002	0,310	0,000	0,009	0,013	FALSE
-0,037	0,315	-0,001	0,009	0,051	FALSE
-0,019	0,295	0,000	0,012	0,013	FALSE
-0,007	0,299	0,000	0,009	0,002	FALSE
0,009	0,313	0,001	0,007	0,033	FALSE
-0,090	0,307	-0,002	0,007	0,087	FALSE
0,053	0,323	0,003	0,013	0,084	FALSE
-0,070	0,309	-0,004	0,013	0,119	FALSE
-0,021	0,321	-0,001	0,011	0,022	FALSE
0,037	0,303	0,000	0,009	0,018	FALSE
-0,064	0,296	-0,002	0,009	0,083	FALSE
-0,022	0,316	-0,001	0,007	0,033	FALSE
0,057	0,297	0,002	0,008	0,092	FALSE
0,005	0,315	0,000	0,009	0,006	FALSE
0,132	0,295	0,004	0,007	0,234	FALSE
0,092	0,299	0,005	0,013	0,146	FALSE
0,073	0,300	0,003	0,012	0,109	FALSE
-0,037	0,316	-0,001	0,010	0,050	FALSE
0,143	0,302	0,005	0,010	0,198	FALSE
-0,155	0,296	-0,006	0,012	0,204	FALSE
-0,030	0,293	-0,001	0,012	0,026	FALSE
-0,019	0,320	-0,001	0,007	0,048	FALSE
0,063	0,322	0,003	0,011	0,103	FALSE
-0,062	0,321	-0,002	0,010	0,090	FALSE
0,185	0,291	0,007	0,010	0,279	FALSE
0,111	0,310	0,005	0,012	0,161	FALSE
0,084	0,312	0,002	0,010	0,084	FALSE
0,064	0,313	0,002	0,009	0,074	FALSE
-0,003	0,301	0,000	0,009	0,003	FALSE
-0,034	0,310	-0,001	0,008	0,053	FALSE
0,005	0,316	0,001	0,011	0,016	FALSE
0,200	0,279	0,007	0,011	0,279	FALSE
0,102	0,295	0,003	0,010	0,113	FALSE
-0,215	0,294	-0,009	0,012	0,335	FALSE
0,106	0,306	0,004	0,010	0,142	FALSE
0,105	0,302	0,004	0,010	0,144	FALSE
0,104	0,308	0,003	0,010	0,135	FALSE
0,161	0,311	0,006	0,011	0,232	FALSE
0,042	0,303	0,002	0,010	0,077	FALSE
-0,032	0,302	-0,001	0,008	0,029	FALSE
-0,211	0,297	-0,009	0,012	0,335	FALSE
0,158	0,309	0,006	0,012	0,208	FALSE

-0,071	0,308	-0,002	0,012	0,079	FALSE
0,100	0,297	0,002	0,008	0,095	FALSE
-0,016	0,307	0,000	0,009	0,010	FALSE
-0,024	0,324	-0,001	0,008	0,038	FALSE
-0,017	0,311	0,000	0,008	0,009	FALSE
-0,072	0,311	-0,002	0,011	0,072	FALSE
-0,125	0,311	-0,003	0,007	0,161	FALSE
0,161	0,302	0,007	0,012	0,244	FALSE
0,036	0,316	0,001	0,011	0,019	FALSE
0,005	0,323	0,000	0,007	0,017	FALSE
0,031	0,300	0,001	0,007	0,042	FALSE
-0,123	0,295	-0,004	0,009	0,167	FALSE
-0,083	0,316	-0,003	0,013	0,089	FALSE
-0,071	0,301	-0,002	0,008	0,070	FALSE
-0,198	0,293	-0,006	0,010	0,261	FALSE
0,058	0,308	0,001	0,011	0,045	FALSE
0,253	0,278	0,006	0,007	0,352	FALSE
0,062	0,306	0,001	0,012	0,045	FALSE
0,051	0,300	0,001	0,011	0,030	FALSE
0,162	0,295	0,006	0,011	0,239	FALSE
0,011	0,305	-0,001	0,013	0,030	FALSE
0,008	0,309	0,000	0,009	0,011	FALSE
0,116	0,294	0,003	0,011	0,117	FALSE
0,216	0,306	0,005	0,007	0,348	FALSE
0,254	0,295	0,006	0,006	0,435	FALSE
0,215	0,292	0,007	0,010	0,336	FALSE
-0,080	0,298	-0,004	0,012	0,117	FALSE
0,095	0,305	0,002	0,006	0,099	FALSE
0,096	0,309	0,002	0,007	0,118	FALSE
-0,055	0,317	-0,002	0,010	0,074	FALSE
0,053	0,309	0,001	0,008	0,049	FALSE
0,100	0,302	0,002	0,006	0,153	FALSE
-0,089	0,302	-0,003	0,011	0,093	FALSE
-0,015	0,303	0,000	0,007	0,005	FALSE
-0,028	0,314	0,000	0,006	0,014	FALSE
-0,008	0,299	0,000	0,006	0,021	FALSE
-0,028	0,305	0,000	0,006	0,003	FALSE
-0,008	0,310	0,000	0,007	0,004	FALSE
0,087	0,302	0,002	0,010	0,087	FALSE
-0,130	0,317	-0,003	0,009	0,150	FALSE
0,116	0,308	0,005	0,012	0,189	FALSE
0,075	0,301	0,002	0,011	0,070	FALSE
0,070	0,300	0,003	0,011	0,106	FALSE
0,023	0,292	0,001	0,012	0,043	FALSE
0,063	0,285	0,003	0,012	0,080	FALSE
-0,023	0,304	-0,001	0,007	0,046	FALSE
0,045	0,313	0,001	0,008	0,058	FALSE
0,074	0,310	0,002	0,009	0,107	FALSE
-0,093	0,317	-0,002	0,006	0,106	FALSE
-0,027	0,300	-0,001	0,006	0,069	FALSE
0,040	0,303	0,002	0,011	0,062	FALSE
0,144	0,307	0,005	0,011	0,184	FALSE
0,066	0,314	0,001	0,007	0,063	FALSE

0,067	0,305	0,001	0,007	0,063	FALSE
-0,090	0,305	-0,003	0,011	0,120	FALSE
-0,047	0,312	-0,001	0,008	0,054	FALSE
0,120	0,291	0,004	0,010	0,169	FALSE
0,085	0,298	0,002	0,007	0,093	FALSE
-0,068	0,306	-0,001	0,008	0,055	FALSE
0,001	0,310	0,000	0,007	0,021	FALSE
-0,179	0,314	-0,006	0,011	0,227	FALSE
0,145	0,303	0,004	0,008	0,200	FALSE
0,027	0,319	0,001	0,008	0,036	FALSE
-0,072	0,315	-0,004	0,012	0,122	FALSE
-0,002	0,317	-0,001	0,012	0,015	FALSE
-0,083	0,296	-0,003	0,012	0,107	FALSE
0,001	0,316	0,001	0,008	0,029	FALSE
0,034	0,298	0,001	0,010	0,038	FALSE
-0,044	0,303	-0,001	0,007	0,051	FALSE
-0,074	0,305	-0,002	0,011	0,068	FALSE
0,149	0,299	0,006	0,012	0,202	FALSE
0,044	0,287	0,001	0,006	0,079	FALSE
0,029	0,304	0,001	0,006	0,044	FALSE
-0,044	0,297	-0,003	0,010	0,096	FALSE
-0,067	0,301	-0,002	0,007	0,087	FALSE
0,039	0,313	0,002	0,013	0,045	FALSE
-0,058	0,317	-0,002	0,010	0,069	FALSE
0,056	0,319	0,002	0,012	0,075	FALSE
-0,023	0,315	-0,001	0,012	0,020	FALSE
0,034	0,303	0,002	0,012	0,047	FALSE
-0,009	0,303	0,000	0,012	0,005	FALSE
-0,021	0,303	-0,001	0,011	0,030	FALSE
-0,064	0,306	-0,003	0,012	0,082	FALSE
0,059	0,299	0,002	0,009	0,075	FALSE
-0,004	0,317	-0,001	0,010	0,020	FALSE
0,037	0,298	0,002	0,011	0,088	FALSE
-0,114	0,309	-0,004	0,012	0,118	FALSE
-0,105	0,302	-0,003	0,012	0,103	FALSE
0,159	0,293	0,005	0,010	0,216	FALSE
-0,062	0,317	-0,002	0,011	0,059	FALSE
-0,089	0,306	-0,002	0,010	0,093	FALSE
-0,004	0,315	0,001	0,013	0,015	FALSE
0,131	0,301	0,004	0,012	0,146	FALSE
0,015	0,302	0,001	0,008	0,036	FALSE
-0,003	0,299	0,001	0,010	0,021	FALSE
0,076	0,296	0,003	0,013	0,099	FALSE
0,006	0,305	0,000	0,010	0,014	FALSE
-0,029	0,304	-0,001	0,008	0,054	FALSE
0,019	0,308	0,001	0,009	0,024	FALSE
-0,184	0,298	-0,007	0,012	0,234	FALSE
0,095	0,299	0,003	0,009	0,114	FALSE
0,046	0,301	0,001	0,007	0,047	FALSE
0,012	0,326	0,000	0,008	0,022	FALSE
0,002	0,316	0,000	0,006	0,004	FALSE
-0,022	0,309	0,000	0,007	0,027	FALSE
-0,027	0,318	-0,001	0,008	0,033	FALSE

-0,008	0,304	0,000	0,008	0,014	FALSE
0,040	0,324	0,001	0,007	0,046	FALSE
0,034	0,305	0,001	0,006	0,035	FALSE
0,019	0,315	0,000	0,008	0,014	FALSE
0,101	0,298	0,004	0,011	0,127	FALSE
-0,050	0,313	-0,001	0,012	0,038	FALSE
-0,027	0,323	-0,001	0,013	0,018	FALSE
-0,198	0,302	-0,007	0,009	0,311	FALSE
0,093	0,322	0,003	0,009	0,117	FALSE
-0,084	0,309	-0,003	0,012	0,102	FALSE
0,029	0,295	0,001	0,011	0,027	FALSE
0,033	0,295	0,001	0,010	0,039	FALSE
0,048	0,292	0,002	0,012	0,050	FALSE
-0,094	0,302	-0,004	0,011	0,137	FALSE
0,083	0,306	0,002	0,008	0,112	FALSE
-0,125	0,313	-0,005	0,010	0,209	FALSE
0,016	0,302	0,001	0,007	0,048	FALSE
-0,121	0,306	-0,005	0,010	0,213	FALSE
-0,025	0,294	0,000	0,008	0,007	FALSE
-0,020	0,294	-0,001	0,012	0,018	FALSE
-0,006	0,305	0,001	0,007	0,036	FALSE
-0,138	0,314	-0,003	0,009	0,152	FALSE
0,118	0,309	0,004	0,009	0,170	FALSE
0,080	0,326	0,002	0,007	0,095	FALSE
-0,015	0,307	0,000	0,007	0,018	FALSE
0,042	0,311	0,001	0,011	0,045	FALSE
-0,066	0,304	-0,002	0,008	0,087	FALSE
0,066	0,293	0,002	0,007	0,126	FALSE
-0,019	0,298	0,000	0,010	0,003	FALSE
-0,014	0,297	0,000	0,008	0,004	FALSE
-0,141	0,313	-0,003	0,007	0,204	FALSE
0,005	0,308	0,000	0,011	0,015	FALSE
0,077	0,302	0,004	0,010	0,152	FALSE
0,096	0,297	0,005	0,010	0,188	FALSE
0,047	0,293	0,002	0,010	0,082	FALSE
0,082	0,298	0,004	0,010	0,173	FALSE
0,061	0,307	0,003	0,010	0,132	FALSE
-0,008	0,313	0,000	0,012	0,006	FALSE
-0,112	0,306	-0,003	0,007	0,163	FALSE
0,077	0,311	0,004	0,013	0,116	FALSE
0,028	0,298	0,001	0,013	0,040	FALSE
0,048	0,289	0,002	0,012	0,074	FALSE
0,068	0,296	0,003	0,013	0,095	FALSE
0,033	0,311	0,001	0,012	0,016	FALSE
-0,121	0,302	-0,006	0,012	0,191	FALSE
-0,118	0,305	-0,004	0,010	0,162	FALSE
-0,039	0,303	-0,001	0,011	0,039	FALSE
0,029	0,292	0,001	0,012	0,029	FALSE
-0,025	0,307	-0,001	0,010	0,048	FALSE
-0,010	0,313	0,000	0,008	0,010	FALSE
0,036	0,309	0,000	0,008	0,019	FALSE
-0,007	0,315	0,001	0,010	0,019	FALSE
-0,066	0,314	-0,003	0,012	0,101	FALSE

0,111	0,297	0,003	0,008	0,157	FALSE
0,094	0,295	0,002	0,008	0,125	FALSE
-0,132	0,312	-0,003	0,006	0,171	FALSE
-0,021	0,307	-0,001	0,012	0,026	FALSE
-0,015	0,308	-0,001	0,013	0,022	FALSE
-0,087	0,319	-0,002	0,007	0,116	FALSE
-0,092	0,304	-0,004	0,012	0,124	FALSE
-0,044	0,289	-0,003	0,012	0,099	FALSE
-0,122	0,310	-0,004	0,008	0,176	FALSE
0,180	0,295	0,004	0,007	0,269	FALSE
0,182	0,304	0,004	0,006	0,246	FALSE
-0,149	0,309	-0,004	0,007	0,226	FALSE
0,184	0,303	0,004	0,007	0,237	FALSE
-0,058	0,310	-0,003	0,011	0,088	FALSE
0,006	0,287	0,000	0,010	0,015	FALSE
-0,065	0,313	-0,001	0,010	0,047	FALSE
-0,008	0,307	0,001	0,009	0,020	FALSE
0,030	0,319	0,000	0,007	0,018	FALSE
0,085	0,314	0,004	0,013	0,116	FALSE
0,012	0,323	0,000	0,011	0,011	FALSE
0,008	0,315	0,000	0,008	0,015	FALSE
-0,003	0,311	0,000	0,009	0,004	FALSE
-0,002	0,294	0,001	0,006	0,033	FALSE
0,126	0,297	0,004	0,008	0,225	FALSE
0,036	0,303	0,002	0,006	0,093	FALSE
-0,113	0,304	-0,004	0,008	0,214	FALSE
0,163	0,285	0,006	0,008	0,302	FALSE
-0,128	0,304	-0,004	0,011	0,164	FALSE
0,021	0,308	0,001	0,012	0,028	FALSE
-0,018	0,303	0,000	0,006	0,013	FALSE
-0,070	0,307	-0,001	0,008	0,064	FALSE
0,027	0,317	0,001	0,007	0,034	FALSE
-0,056	0,303	-0,002	0,011	0,076	FALSE
0,074	0,305	0,001	0,006	0,084	FALSE
0,098	0,305	0,002	0,007	0,086	FALSE
0,056	0,308	0,002	0,007	0,092	FALSE
-0,032	0,303	0,000	0,011	0,008	FALSE
-0,134	0,303	-0,003	0,007	0,163	FALSE
-0,089	0,312	-0,002	0,007	0,112	FALSE
-0,001	0,304	0,000	0,008	0,008	FALSE
0,010	0,309	0,001	0,007	0,029	FALSE
-0,051	0,302	-0,001	0,006	0,041	FALSE
0,022	0,323	0,001	0,007	0,048	FALSE
-0,006	0,309	0,000	0,012	0,001	FALSE
-0,059	0,318	-0,001	0,007	0,060	FALSE
0,107	0,313	0,002	0,008	0,117	FALSE
0,002	0,317	0,000	0,008	0,002	FALSE
0,025	0,304	0,001	0,006	0,042	FALSE
-0,089	0,300	-0,003	0,012	0,110	FALSE
0,012	0,297	0,000	0,006	0,015	FALSE
-0,070	0,296	-0,002	0,008	0,107	FALSE
0,058	0,305	0,002	0,010	0,093	FALSE
-0,074	0,307	-0,003	0,009	0,129	FALSE

-0,045	0,311	-0,001	0,008	0,023	FALSE
0,002	0,306	0,000	0,006	0,017	FALSE
-0,112	0,309	-0,004	0,009	0,162	FALSE
-0,169	0,315	-0,003	0,007	0,208	FALSE
-0,106	0,312	-0,003	0,009	0,152	FALSE
0,136	0,301	0,005	0,010	0,222	FALSE
-0,112	0,311	-0,002	0,007	0,119	FALSE
0,014	0,295	0,000	0,013	0,013	FALSE
0,114	0,293	0,004	0,008	0,188	FALSE
0,015	0,278	0,002	0,011	0,065	FALSE
-0,111	0,304	-0,003	0,009	0,139	FALSE
-0,001	0,304	-0,001	0,008	0,023	FALSE
-0,004	0,313	0,000	0,007	0,008	FALSE
-0,094	0,309	-0,005	0,012	0,146	FALSE
0,036	0,305	0,001	0,008	0,050	FALSE
-0,045	0,305	-0,002	0,012	0,066	FALSE
-0,049	0,305	-0,001	0,007	0,067	FALSE
-0,017	0,299	-0,001	0,009	0,042	FALSE
0,076	0,281	0,002	0,010	0,072	FALSE
-0,070	0,316	-0,002	0,008	0,091	FALSE
0,037	0,312	0,001	0,009	0,030	FALSE
-0,101	0,312	-0,002	0,007	0,130	FALSE
-0,107	0,296	-0,003	0,008	0,153	FALSE
0,033	0,305	0,001	0,006	0,047	FALSE
0,181	0,314	0,007	0,012	0,270	FALSE
0,010	0,314	0,000	0,012	0,013	FALSE
-0,001	0,319	-0,001	0,012	0,027	FALSE
-0,039	0,303	-0,001	0,007	0,068	FALSE
-0,005	0,306	-0,001	0,011	0,030	FALSE
-0,035	0,308	-0,001	0,007	0,056	FALSE
-0,044	0,309	-0,001	0,007	0,040	FALSE
-0,082	0,313	-0,003	0,010	0,106	FALSE
0,056	0,303	0,001	0,010	0,048	FALSE
0,132	0,299	0,004	0,010	0,149	FALSE
0,005	0,311	0,001	0,013	0,019	FALSE
0,035	0,315	0,001	0,010	0,021	FALSE
0,021	0,301	0,000	0,010	0,005	FALSE
0,126	0,305	0,003	0,009	0,148	FALSE
0,164	0,305	0,005	0,009	0,209	FALSE
0,039	0,313	0,001	0,009	0,046	FALSE
0,051	0,308	0,002	0,009	0,068	FALSE
0,024	0,309	0,001	0,009	0,028	FALSE
0,033	0,311	0,001	0,008	0,033	FALSE
-0,044	0,295	-0,001	0,006	0,067	FALSE
-0,179	0,319	-0,004	0,007	0,249	FALSE
-0,010	0,311	-0,001	0,008	0,029	FALSE
-0,040	0,301	0,000	0,008	0,021	FALSE
-0,233	0,286	-0,006	0,007	0,374	FALSE
-0,215	0,282	-0,006	0,008	0,349	FALSE
-0,063	0,305	-0,002	0,007	0,098	FALSE
0,103	0,307	0,005	0,013	0,174	FALSE
-0,052	0,303	-0,001	0,008	0,047	FALSE
0,038	0,313	0,001	0,010	0,052	FALSE

-0,027	0,292	0,000	0,006	0,003	FALSE
0,006	0,320	0,000	0,008	0,012	FALSE
0,055	0,304	0,002	0,007	0,100	FALSE
0,150	0,312	0,004	0,008	0,188	FALSE
-0,011	0,302	0,000	0,006	0,002	FALSE
-0,140	0,295	-0,005	0,011	0,202	FALSE
0,092	0,306	0,003	0,011	0,100	FALSE
-0,005	0,299	0,000	0,007	0,001	FALSE
0,051	0,313	0,002	0,012	0,051	FALSE
0,103	0,309	0,003	0,008	0,141	FALSE
0,158	0,289	0,004	0,008	0,237	FALSE
-0,097	0,311	-0,002	0,007	0,131	FALSE
-0,047	0,307	-0,001	0,008	0,073	FALSE
0,029	0,312	0,002	0,013	0,045	FALSE
-0,072	0,304	-0,003	0,012	0,089	FALSE
0,051	0,302	0,002	0,007	0,098	FALSE
-0,023	0,306	-0,001	0,011	0,021	FALSE
-0,037	0,300	-0,001	0,006	0,033	FALSE
-0,014	0,307	0,000	0,011	0,010	FALSE
0,033	0,295	0,001	0,008	0,039	FALSE
0,067	0,307	0,002	0,010	0,068	FALSE
0,112	0,290	0,005	0,011	0,178	FALSE
-0,048	0,310	-0,002	0,008	0,081	FALSE
-0,018	0,299	0,000	0,007	0,021	FALSE
-0,110	0,297	-0,002	0,007	0,128	FALSE
0,058	0,317	0,001	0,007	0,027	FALSE
-0,085	0,318	-0,002	0,008	0,091	FALSE
-0,099	0,302	-0,002	0,007	0,109	FALSE
0,134	0,298	0,006	0,012	0,196	FALSE
0,021	0,308	0,000	0,010	0,012	FALSE
-0,081	0,302	-0,004	0,012	0,137	FALSE
0,031	0,320	0,001	0,007	0,030	FALSE
0,204	0,298	0,004	0,007	0,295	FALSE
0,048	0,308	0,001	0,007	0,049	FALSE
0,132	0,304	0,006	0,013	0,182	FALSE
0,144	0,302	0,007	0,012	0,228	FALSE
0,004	0,304	-0,001	0,009	0,024	FALSE
0,068	0,305	0,001	0,006	0,082	FALSE
0,130	0,301	0,003	0,006	0,189	FALSE
0,040	0,313	0,001	0,008	0,050	FALSE
-0,013	0,308	-0,001	0,006	0,034	FALSE
-0,030	0,312	-0,001	0,007	0,043	FALSE
-0,153	0,305	-0,004	0,008	0,225	FALSE
-0,053	0,303	-0,001	0,011	0,047	FALSE
-0,042	0,307	-0,002	0,008	0,069	FALSE
-0,055	0,311	-0,001	0,007	0,074	FALSE
-0,053	0,312	-0,002	0,008	0,091	FALSE
-0,007	0,311	0,000	0,007	0,006	FALSE
0,098	0,297	0,003	0,008	0,118	FALSE
-0,005	0,306	0,000	0,008	0,014	FALSE
-0,029	0,313	-0,002	0,012	0,055	FALSE
-0,059	0,316	-0,003	0,012	0,088	FALSE
-0,086	0,315	-0,003	0,010	0,140	FALSE

-0,070	0,307	-0,001	0,007	0,060	FALSE
0,107	0,288	0,005	0,013	0,156	FALSE
0,009	0,312	0,002	0,013	0,059	FALSE
-0,008	0,312	0,000	0,009	0,005	FALSE
-0,059	0,308	-0,001	0,007	0,076	FALSE
-0,049	0,314	-0,001	0,007	0,059	FALSE
-0,026	0,295	0,000	0,007	0,018	FALSE
-0,157	0,307	-0,005	0,011	0,209	FALSE
-0,003	0,306	-0,001	0,010	0,029	FALSE
0,075	0,305	0,003	0,010	0,105	FALSE
-0,086	0,307	-0,001	0,006	0,091	FALSE
0,086	0,296	0,002	0,006	0,091	FALSE
0,084	0,306	0,002	0,007	0,097	FALSE
-0,021	0,318	0,000	0,012	0,008	FALSE
-0,057	0,304	-0,003	0,012	0,092	FALSE
-0,039	0,306	-0,001	0,008	0,033	FALSE
0,092	0,290	0,005	0,012	0,181	FALSE
0,007	0,309	0,000	0,011	0,011	FALSE
-0,017	0,306	-0,001	0,007	0,040	FALSE
-0,005	0,299	0,000	0,007	0,007	FALSE
0,002	0,298	-0,001	0,011	0,047	FALSE
0,068	0,309	0,003	0,011	0,096	FALSE
-0,039	0,311	-0,001	0,007	0,028	FALSE
-0,024	0,294	0,000	0,007	0,005	FALSE
0,036	0,298	0,001	0,008	0,044	FALSE
0,034	0,322	0,002	0,013	0,048	FALSE
-0,013	0,291	-0,001	0,009	0,023	FALSE
0,054	0,296	0,001	0,008	0,060	FALSE
0,038	0,314	0,002	0,013	0,058	FALSE
-0,029	0,298	-0,001	0,010	0,036	FALSE
0,134	0,313	0,005	0,012	0,183	FALSE
0,128	0,309	0,005	0,012	0,184	FALSE
0,148	0,315	0,005	0,010	0,219	FALSE
0,124	0,295	0,004	0,007	0,217	FALSE
-0,180	0,300	-0,008	0,012	0,295	FALSE
-0,193	0,309	-0,006	0,011	0,248	FALSE
-0,010	0,317	0,000	0,008	0,016	FALSE
-0,114	0,305	-0,005	0,012	0,151	FALSE
0,085	0,301	0,003	0,007	0,150	FALSE
0,045	0,308	0,003	0,012	0,083	FALSE
-0,002	0,309	0,000	0,006	0,005	FALSE
-0,011	0,308	0,000	0,007	0,005	FALSE
-0,003	0,303	0,000	0,007	0,014	FALSE
-0,015	0,316	-0,001	0,011	0,036	FALSE
0,017	0,310	0,001	0,011	0,018	FALSE
-0,049	0,293	-0,001	0,012	0,042	FALSE
-0,034	0,308	-0,002	0,011	0,062	FALSE
-0,039	0,296	-0,001	0,010	0,033	FALSE
0,057	0,299	0,002	0,007	0,090	FALSE
0,039	0,318	0,001	0,007	0,061	FALSE
-0,098	0,313	-0,005	0,012	0,169	FALSE
-0,140	0,298	-0,007	0,012	0,252	FALSE
0,113	0,302	0,004	0,011	0,154	FALSE

0,019	0,316	0,001	0,009	0,022	FALSE
0,053	0,298	0,001	0,011	0,043	FALSE
0,057	0,291	0,001	0,009	0,056	FALSE
0,037	0,317	0,000	0,006	0,017	FALSE
-0,119	0,293	-0,006	0,012	0,218	FALSE
0,026	0,304	0,000	0,007	0,023	FALSE
-0,083	0,302	-0,002	0,007	0,128	FALSE
-0,054	0,292	-0,003	0,011	0,086	FALSE
-0,010	0,301	0,000	0,012	0,008	FALSE
-0,044	0,319	-0,001	0,007	0,030	FALSE
-0,045	0,302	-0,001	0,007	0,069	FALSE
0,116	0,308	0,005	0,012	0,148	FALSE
0,134	0,291	0,005	0,012	0,185	FALSE
-0,128	0,305	-0,006	0,012	0,194	FALSE
-0,099	0,291	-0,003	0,008	0,130	FALSE
0,004	0,305	0,001	0,012	0,015	FALSE
-0,027	0,299	0,000	0,006	0,017	FALSE
-0,077	0,298	-0,004	0,011	0,128	FALSE
-0,010	0,302	-0,001	0,006	0,031	FALSE
-0,121	0,307	-0,003	0,009	0,141	FALSE
0,051	0,307	0,002	0,008	0,086	FALSE
0,040	0,307	0,001	0,006	0,076	FALSE
-0,050	0,322	-0,002	0,009	0,066	FALSE
0,060	0,303	0,002	0,009	0,106	FALSE
0,018	0,307	0,000	0,011	0,011	FALSE
0,060	0,308	0,001	0,009	0,063	FALSE
0,112	0,299	0,004	0,013	0,114	FALSE
0,057	0,303	0,001	0,008	0,057	FALSE
-0,144	0,298	-0,004	0,009	0,199	FALSE
0,046	0,317	0,002	0,013	0,062	FALSE
0,069	0,314	0,003	0,013	0,097	FALSE
0,063	0,310	0,003	0,009	0,126	FALSE
0,012	0,315	0,001	0,010	0,024	FALSE
0,075	0,311	0,002	0,007	0,116	FALSE
0,094	0,313	0,003	0,009	0,134	FALSE
-0,094	0,307	-0,002	0,006	0,113	FALSE
0,017	0,321	0,000	0,007	0,012	FALSE
-0,002	0,298	0,000	0,009	0,005	FALSE
0,064	0,320	0,003	0,012	0,075	FALSE
0,091	0,305	0,004	0,012	0,114	FALSE
0,060	0,302	0,002	0,008	0,114	FALSE
0,028	0,319	0,001	0,011	0,035	FALSE
0,033	0,316	0,001	0,011	0,049	FALSE
0,028	0,307	0,002	0,010	0,070	FALSE
0,079	0,307	0,002	0,008	0,112	FALSE
0,062	0,299	0,001	0,010	0,055	FALSE
0,089	0,298	0,003	0,012	0,088	FALSE
-0,014	0,301	0,000	0,007	0,023	FALSE
0,095	0,321	0,003	0,008	0,128	FALSE
0,117	0,301	0,004	0,012	0,127	FALSE
0,013	0,319	0,001	0,009	0,036	FALSE
-0,074	0,300	-0,003	0,010	0,098	FALSE
-0,051	0,304	-0,002	0,011	0,060	FALSE

-0,106	0,301	-0,002	0,006	0,134	FALSE
0,061	0,307	0,002	0,008	0,082	FALSE
0,035	0,302	0,001	0,012	0,017	FALSE
-0,064	0,307	-0,002	0,010	0,089	FALSE
-0,002	0,309	0,000	0,012	0,000	FALSE
-0,018	0,297	0,000	0,011	0,007	FALSE
-0,079	0,301	-0,003	0,010	0,100	FALSE
0,014	0,301	0,001	0,011	0,023	FALSE
0,013	0,311	0,001	0,012	0,017	FALSE
-0,050	0,291	-0,002	0,008	0,075	FALSE
-0,127	0,315	-0,005	0,011	0,175	FALSE
-0,002	0,308	0,000	0,007	0,022	FALSE
0,106	0,297	0,002	0,007	0,089	FALSE
0,079	0,297	0,002	0,008	0,072	FALSE
-0,066	0,296	-0,002	0,011	0,078	FALSE
-0,163	0,300	-0,005	0,008	0,238	FALSE
-0,015	0,301	0,000	0,006	0,010	FALSE
-0,099	0,310	-0,002	0,007	0,129	FALSE
-0,070	0,313	-0,002	0,010	0,075	FALSE
0,059	0,292	0,002	0,009	0,087	FALSE
-0,031	0,310	-0,001	0,008	0,024	FALSE
-0,049	0,315	-0,002	0,012	0,074	FALSE
0,023	0,291	0,001	0,008	0,032	FALSE
0,143	0,304	0,004	0,007	0,226	FALSE
0,033	0,307	0,001	0,008	0,050	FALSE
-0,008	0,305	-0,001	0,008	0,031	FALSE
-0,017	0,310	-0,001	0,008	0,027	FALSE
0,055	0,319	0,001	0,008	0,045	FALSE
-0,136	0,289	-0,003	0,006	0,190	FALSE
0,020	0,310	0,001	0,011	0,024	FALSE
0,014	0,309	0,000	0,013	0,003	FALSE
0,064	0,313	0,001	0,007	0,053	FALSE
-0,010	0,320	0,000	0,009	0,015	FALSE
-0,030	0,316	-0,001	0,008	0,047	FALSE
-0,046	0,296	-0,002	0,007	0,084	FALSE
-0,048	0,324	-0,002	0,009	0,067	FALSE
-0,019	0,314	-0,001	0,011	0,016	FALSE
0,033	0,323	0,001	0,009	0,028	FALSE
0,058	0,312	0,001	0,009	0,057	FALSE
-0,026	0,320	0,000	0,008	0,014	FALSE
-0,096	0,311	-0,002	0,008	0,111	FALSE
-0,075	0,304	-0,001	0,007	0,063	FALSE
-0,055	0,314	-0,002	0,012	0,061	FALSE
-0,028	0,312	-0,001	0,012	0,040	FALSE
-0,017	0,321	-0,001	0,013	0,014	FALSE
-0,004	0,310	0,000	0,012	0,008	FALSE
0,037	0,311	0,000	0,011	0,005	FALSE
0,151	0,306	0,005	0,010	0,202	FALSE
0,124	0,300	0,004	0,011	0,149	FALSE
0,078	0,306	0,002	0,006	0,115	FALSE
-0,026	0,321	-0,001	0,009	0,037	FALSE
0,039	0,311	0,002	0,012	0,050	FALSE
0,025	0,312	0,001	0,008	0,029	FALSE

-0,004	0,318	-0,001	0,008	0,027	FALSE
0,111	0,303	0,003	0,007	0,162	FALSE
-0,129	0,312	-0,005	0,011	0,197	FALSE
-0,027	0,315	-0,001	0,007	0,043	FALSE
-0,001	0,322	0,000	0,011	0,010	FALSE
0,077	0,302	0,003	0,010	0,119	FALSE
-0,075	0,316	-0,003	0,013	0,079	FALSE
0,184	0,300	0,007	0,010	0,296	FALSE
0,146	0,305	0,004	0,008	0,217	FALSE
0,045	0,306	0,001	0,007	0,066	FALSE
0,082	0,286	0,002	0,008	0,100	FALSE
0,019	0,310	0,001	0,011	0,044	FALSE
-0,112	0,299	-0,004	0,010	0,178	FALSE
-0,008	0,306	-0,001	0,009	0,022	FALSE
-0,092	0,309	-0,002	0,009	0,090	FALSE
-0,074	0,312	-0,001	0,007	0,074	FALSE
0,040	0,317	0,002	0,013	0,060	FALSE
-0,109	0,293	-0,003	0,009	0,130	FALSE
0,053	0,309	0,002	0,012	0,057	FALSE
-0,038	0,310	-0,001	0,010	0,029	FALSE
0,083	0,290	0,001	0,007	0,077	FALSE
0,035	0,320	0,001	0,009	0,027	FALSE
0,023	0,305	0,001	0,011	0,029	FALSE
0,033	0,309	0,002	0,012	0,054	FALSE
0,118	0,314	0,005	0,010	0,186	FALSE
0,054	0,307	0,002	0,011	0,063	FALSE
-0,118	0,310	-0,004	0,010	0,160	FALSE
0,052	0,307	0,003	0,011	0,091	FALSE
-0,156	0,297	-0,005	0,009	0,233	FALSE
0,019	0,309	0,001	0,008	0,035	FALSE
0,010	0,298	0,000	0,006	0,020	FALSE
-0,005	0,316	0,000	0,013	0,007	FALSE
-0,028	0,289	-0,001	0,010	0,034	FALSE
-0,008	0,296	-0,001	0,008	0,028	FALSE
0,010	0,302	0,000	0,008	0,014	FALSE
0,014	0,307	0,000	0,013	0,002	FALSE
0,031	0,310	0,001	0,007	0,031	FALSE
0,026	0,324	0,001	0,010	0,021	FALSE
0,030	0,327	0,001	0,010	0,030	FALSE
0,041	0,311	0,001	0,010	0,042	FALSE
-0,021	0,313	-0,001	0,008	0,060	FALSE
-0,061	0,287	-0,002	0,008	0,114	FALSE
0,036	0,310	0,001	0,008	0,035	FALSE
-0,015	0,304	-0,001	0,012	0,018	FALSE
-0,065	0,306	-0,002	0,011	0,063	FALSE
-0,029	0,293	-0,001	0,006	0,033	FALSE
-0,070	0,292	-0,004	0,012	0,120	FALSE
-0,100	0,310	-0,002	0,008	0,124	FALSE
-0,045	0,306	-0,001	0,012	0,031	FALSE
-0,018	0,307	-0,001	0,012	0,039	FALSE
-0,122	0,297	-0,003	0,007	0,174	FALSE
-0,101	0,294	-0,002	0,008	0,103	FALSE
0,117	0,313	0,005	0,010	0,195	FALSE

0,036	0,313	0,002	0,013	0,055	FALSE
0,078	0,314	0,004	0,012	0,120	FALSE
0,026	0,311	0,001	0,008	0,026	FALSE
0,146	0,311	0,004	0,009	0,197	FALSE
-0,022	0,308	-0,001	0,012	0,034	FALSE
-0,022	0,299	-0,002	0,009	0,063	FALSE
0,025	0,316	0,000	0,008	0,008	FALSE
0,087	0,301	0,002	0,008	0,098	FALSE
0,049	0,316	0,001	0,007	0,079	FALSE
0,035	0,323	0,001	0,011	0,047	FALSE
0,150	0,304	0,006	0,011	0,228	FALSE
-0,034	0,307	-0,001	0,007	0,062	FALSE
-0,003	0,301	0,001	0,010	0,021	FALSE
0,027	0,311	0,002	0,011	0,063	FALSE
0,032	0,310	0,001	0,008	0,063	FALSE
0,018	0,304	0,000	0,010	0,014	FALSE
0,104	0,305	0,003	0,008	0,137	FALSE
-0,179	0,306	-0,004	0,008	0,218	FALSE
-0,182	0,303	-0,004	0,007	0,229	FALSE
0,069	0,312	0,002	0,006	0,105	FALSE
-0,060	0,305	-0,001	0,007	0,081	FALSE
0,020	0,313	0,001	0,012	0,029	FALSE
-0,049	0,317	-0,001	0,007	0,053	FALSE
-0,005	0,306	0,000	0,007	0,006	FALSE
0,136	0,306	0,005	0,010	0,187	FALSE
-0,051	0,304	-0,001	0,006	0,068	FALSE
0,050	0,302	0,001	0,009	0,042	FALSE
-0,084	0,299	-0,003	0,011	0,101	FALSE
-0,062	0,304	-0,003	0,012	0,094	FALSE
-0,031	0,303	-0,001	0,007	0,065	FALSE
-0,062	0,293	-0,003	0,009	0,104	FALSE
0,112	0,309	0,005	0,012	0,174	FALSE
0,012	0,321	0,000	0,012	0,007	FALSE
-0,075	0,305	-0,002	0,008	0,106	FALSE
0,083	0,307	0,002	0,008	0,115	FALSE
0,041	0,306	0,001	0,007	0,061	FALSE
-0,045	0,324	-0,001	0,009	0,058	FALSE
-0,037	0,310	-0,001	0,006	0,081	FALSE
-0,140	0,299	-0,005	0,012	0,189	FALSE
-0,044	0,304	-0,001	0,011	0,043	FALSE
-0,048	0,299	-0,002	0,008	0,079	FALSE
0,001	0,314	0,000	0,006	0,002	FALSE
-0,005	0,321	0,000	0,006	0,001	FALSE
0,052	0,308	0,001	0,006	0,079	FALSE
0,180	0,297	0,005	0,007	0,274	FALSE
0,013	0,308	0,000	0,010	0,010	FALSE
-0,109	0,284	-0,004	0,012	0,146	FALSE
-0,030	0,309	-0,001	0,012	0,023	FALSE
0,069	0,312	0,001	0,007	0,068	FALSE
-0,048	0,302	-0,001	0,007	0,066	FALSE
-0,030	0,317	-0,001	0,010	0,047	FALSE
-0,020	0,323	0,000	0,007	0,004	FALSE
-0,022	0,306	-0,001	0,008	0,041	FALSE

-0,042	0,317	-0,002	0,008	0,075	FALSE
-0,141	0,314	-0,004	0,010	0,166	FALSE
0,039	0,307	0,001	0,007	0,057	FALSE
-0,026	0,306	0,000	0,007	0,024	FALSE
-0,107	0,312	-0,003	0,010	0,139	FALSE
-0,002	0,303	-0,001	0,011	0,032	FALSE
0,011	0,316	0,000	0,009	0,002	FALSE
0,021	0,309	0,001	0,011	0,025	FALSE
-0,011	0,305	0,000	0,013	0,007	FALSE
-0,012	0,305	0,000	0,008	0,012	FALSE
0,014	0,306	0,002	0,008	0,076	FALSE
-0,027	0,298	-0,001	0,006	0,045	FALSE
-0,003	0,298	0,001	0,008	0,045	FALSE
-0,056	0,301	-0,002	0,009	0,075	FALSE
0,093	0,311	0,003	0,011	0,098	FALSE
-0,051	0,311	-0,001	0,011	0,035	FALSE
-0,041	0,308	-0,003	0,012	0,089	FALSE
0,058	0,295	0,003	0,009	0,114	FALSE
0,060	0,300	0,001	0,007	0,053	FALSE
0,045	0,314	0,001	0,007	0,046	FALSE
0,040	0,305	0,000	0,009	0,019	FALSE
-0,071	0,311	-0,001	0,007	0,062	FALSE
-0,089	0,290	-0,002	0,006	0,114	FALSE
0,024	0,307	0,001	0,007	0,048	FALSE
-0,048	0,304	-0,001	0,008	0,041	FALSE
-0,059	0,304	-0,001	0,007	0,056	FALSE
0,068	0,305	0,002	0,007	0,105	FALSE
-0,059	0,307	-0,001	0,007	0,044	FALSE
-0,050	0,306	-0,001	0,007	0,037	FALSE
-0,112	0,307	-0,003	0,008	0,132	FALSE
-0,167	0,285	-0,003	0,006	0,201	FALSE
0,064	0,302	0,002	0,010	0,086	FALSE
0,060	0,312	0,001	0,007	0,042	FALSE
-0,005	0,294	0,000	0,010	0,005	FALSE
-0,196	0,294	-0,006	0,009	0,296	FALSE
0,027	0,304	0,000	0,009	0,003	FALSE
0,112	0,300	0,005	0,012	0,160	FALSE
-0,042	0,296	-0,001	0,008	0,060	FALSE
0,069	0,308	0,001	0,006	0,071	FALSE
-0,004	0,314	0,000	0,007	0,008	FALSE
-0,047	0,290	-0,002	0,012	0,072	FALSE
-0,110	0,310	-0,004	0,011	0,160	FALSE
0,029	0,323	0,001	0,007	0,050	FALSE
0,009	0,321	0,000	0,012	0,014	FALSE
0,017	0,311	0,001	0,011	0,023	FALSE
-0,035	0,294	-0,001	0,012	0,019	FALSE
0,048	0,304	0,001	0,010	0,022	FALSE
0,068	0,314	0,002	0,007	0,081	FALSE
-0,007	0,305	0,000	0,012	0,000	FALSE
0,057	0,322	0,002	0,008	0,083	FALSE
-0,022	0,318	-0,001	0,011	0,019	FALSE
-0,032	0,306	-0,001	0,011	0,034	FALSE
-0,017	0,309	0,000	0,008	0,011	FALSE

0,053	0,309	0,002	0,012	0,056	FALSE
0,065	0,298	0,002	0,012	0,063	FALSE
0,066	0,305	0,003	0,013	0,087	FALSE
-0,014	0,298	0,000	0,010	0,017	FALSE
0,053	0,303	0,001	0,010	0,052	FALSE
0,000	0,300	0,000	0,010	0,002	FALSE
-0,008	0,317	0,000	0,010	0,004	FALSE
-0,030	0,318	-0,001	0,007	0,069	FALSE
-0,061	0,311	-0,002	0,007	0,103	FALSE
-0,065	0,309	-0,003	0,012	0,086	FALSE
0,106	0,309	0,004	0,012	0,132	FALSE
0,128	0,324	0,005	0,013	0,176	FALSE
0,082	0,311	0,003	0,012	0,095	FALSE
-0,050	0,317	-0,001	0,007	0,051	FALSE
-0,153	0,290	-0,003	0,007	0,181	FALSE
0,100	0,297	0,003	0,011	0,115	FALSE
-0,076	0,309	-0,002	0,010	0,100	FALSE
-0,018	0,308	-0,001	0,012	0,031	FALSE
0,013	0,295	0,000	0,012	0,000	FALSE
-0,058	0,307	-0,002	0,006	0,101	FALSE
-0,053	0,308	-0,002	0,013	0,059	FALSE
0,084	0,317	0,004	0,011	0,130	FALSE
0,170	0,300	0,004	0,006	0,241	FALSE
-0,041	0,312	-0,001	0,009	0,048	FALSE
0,092	0,300	0,002	0,006	0,156	FALSE
-0,020	0,309	-0,001	0,010	0,048	FALSE
0,008	0,302	0,001	0,011	0,017	FALSE
0,053	0,307	0,002	0,010	0,094	FALSE
-0,062	0,310	-0,002	0,009	0,073	FALSE
-0,009	0,309	-0,001	0,010	0,027	FALSE
0,042	0,312	0,001	0,009	0,024	FALSE
-0,163	0,301	-0,004	0,008	0,249	FALSE
-0,049	0,314	-0,002	0,010	0,076	FALSE
0,136	0,289	0,003	0,008	0,155	FALSE
-0,101	0,304	-0,004	0,011	0,154	FALSE
0,003	0,301	0,000	0,009	0,003	FALSE
0,051	0,302	0,001	0,012	0,035	FALSE
-0,055	0,304	-0,002	0,010	0,081	FALSE
-0,025	0,306	0,000	0,007	0,023	FALSE
0,022	0,311	0,001	0,007	0,046	FALSE
0,063	0,325	0,001	0,009	0,050	FALSE
-0,006	0,310	0,000	0,011	0,015	FALSE
0,045	0,292	0,002	0,010	0,078	FALSE
0,057	0,301	0,002	0,009	0,099	FALSE
-0,044	0,306	-0,001	0,010	0,029	FALSE
0,027	0,310	0,001	0,006	0,058	FALSE
0,181	0,300	0,004	0,007	0,278	FALSE
0,186	0,285	0,004	0,006	0,318	FALSE
0,088	0,312	0,004	0,012	0,130	FALSE
0,043	0,299	0,002	0,009	0,088	FALSE
-0,133	0,300	-0,003	0,007	0,165	FALSE
-0,079	0,291	-0,003	0,012	0,102	FALSE
0,002	0,318	0,000	0,013	0,010	FALSE

-0,007	0,296	-0,001	0,011	0,021	FALSE
-0,042	0,310	-0,001	0,007	0,038	FALSE
-0,042	0,296	-0,001	0,010	0,041	FALSE
-0,026	0,307	-0,001	0,007	0,033	FALSE
-0,050	0,307	-0,001	0,007	0,057	FALSE
0,018	0,303	0,000	0,007	0,024	FALSE
0,040	0,317	0,001	0,007	0,037	FALSE
0,050	0,298	0,001	0,006	0,072	FALSE
0,100	0,304	0,003	0,011	0,115	FALSE
-0,128	0,288	-0,004	0,012	0,135	FALSE
-0,036	0,298	-0,001	0,006	0,052	FALSE
0,087	0,306	0,002	0,007	0,114	FALSE
-0,049	0,307	-0,002	0,009	0,068	FALSE
-0,070	0,311	-0,003	0,009	0,114	FALSE
-0,015	0,300	-0,001	0,012	0,020	FALSE
-0,114	0,300	-0,005	0,011	0,166	FALSE
-0,077	0,302	-0,003	0,011	0,115	FALSE
-0,016	0,333	0,000	0,008	0,017	FALSE
0,025	0,309	0,001	0,012	0,033	FALSE
0,099	0,308	0,002	0,007	0,124	FALSE
0,030	0,295	0,002	0,008	0,067	FALSE
-0,108	0,314	-0,002	0,007	0,116	FALSE
-0,024	0,323	0,000	0,010	0,004	FALSE
0,085	0,296	0,002	0,008	0,102	FALSE
-0,075	0,318	-0,003	0,013	0,092	FALSE
-0,048	0,311	-0,001	0,007	0,057	FALSE
-0,030	0,311	-0,001	0,008	0,038	FALSE
0,162	0,298	0,005	0,009	0,228	FALSE
-0,012	0,315	-0,001	0,010	0,027	FALSE
0,033	0,310	0,001	0,010	0,020	FALSE
-0,037	0,315	-0,002	0,010	0,061	FALSE
0,177	0,291	0,007	0,009	0,325	FALSE
0,036	0,310	0,000	0,012	0,010	FALSE
-0,068	0,313	-0,002	0,007	0,088	FALSE
0,097	0,305	0,001	0,007	0,073	FALSE
0,100	0,303	0,003	0,010	0,124	FALSE
-0,076	0,306	-0,002	0,007	0,093	FALSE
0,209	0,290	0,007	0,009	0,370	FALSE
0,106	0,304	0,003	0,011	0,118	FALSE
0,016	0,296	0,001	0,006	0,059	FALSE
-0,026	0,315	-0,001	0,008	0,056	FALSE
-0,072	0,306	-0,002	0,007	0,090	FALSE
-0,046	0,313	-0,001	0,007	0,076	FALSE
-0,039	0,310	-0,001	0,007	0,065	FALSE
0,016	0,312	0,000	0,007	0,005	FALSE
-0,051	0,305	-0,001	0,012	0,042	FALSE
-0,062	0,312	-0,001	0,007	0,056	FALSE
-0,061	0,303	-0,001	0,007	0,075	FALSE
0,062	0,310	0,001	0,009	0,061	FALSE
-0,056	0,316	-0,003	0,013	0,076	FALSE
0,030	0,304	0,001	0,012	0,018	FALSE
-0,093	0,303	-0,003	0,009	0,149	FALSE
-0,086	0,290	-0,003	0,011	0,099	FALSE

0,151	0,298	0,004	0,008	0,203	FALSE
0,077	0,290	0,002	0,009	0,067	FALSE
-0,028	0,325	-0,001	0,009	0,029	FALSE
0,102	0,301	0,003	0,007	0,170	FALSE
-0,043	0,298	-0,001	0,010	0,049	FALSE
0,033	0,301	0,001	0,009	0,034	FALSE
0,010	0,314	0,000	0,008	0,017	FALSE
0,014	0,321	0,001	0,009	0,022	FALSE
-0,083	0,310	-0,003	0,010	0,102	FALSE
0,090	0,295	0,003	0,008	0,128	FALSE
0,098	0,302	0,003	0,008	0,148	FALSE
0,045	0,316	0,002	0,006	0,089	FALSE
-0,078	0,315	-0,002	0,008	0,075	FALSE
0,031	0,303	0,001	0,011	0,048	FALSE
-0,109	0,312	-0,003	0,007	0,150	FALSE
-0,057	0,295	-0,001	0,007	0,074	FALSE
0,089	0,310	0,003	0,008	0,160	FALSE
0,043	0,303	0,001	0,006	0,076	FALSE
0,074	0,307	0,001	0,008	0,065	FALSE
0,102	0,302	0,002	0,007	0,135	FALSE
-0,098	0,311	-0,003	0,008	0,150	FALSE
-0,061	0,313	-0,002	0,011	0,075	FALSE
-0,060	0,304	-0,002	0,012	0,065	FALSE
-0,051	0,319	-0,002	0,013	0,073	FALSE
0,119	0,309	0,003	0,008	0,147	FALSE
-0,065	0,304	-0,002	0,008	0,083	FALSE
0,021	0,302	0,001	0,010	0,038	FALSE
-0,037	0,317	-0,001	0,007	0,061	FALSE
0,012	0,306	0,001	0,012	0,030	FALSE
0,001	0,306	0,000	0,013	0,007	FALSE
0,015	0,301	0,001	0,012	0,043	FALSE
-0,005	0,314	0,000	0,012	0,007	FALSE
0,013	0,319	0,001	0,011	0,028	FALSE
0,087	0,311	0,003	0,007	0,144	FALSE
0,065	0,310	0,002	0,012	0,079	FALSE
0,047	0,307	0,001	0,008	0,070	FALSE
0,166	0,295	0,005	0,010	0,225	FALSE
0,133	0,297	0,004	0,012	0,143	FALSE
0,059	0,320	0,002	0,009	0,059	FALSE
-0,033	0,315	-0,001	0,011	0,032	FALSE
0,050	0,313	0,002	0,012	0,064	FALSE
0,033	0,294	0,001	0,010	0,044	FALSE
-0,018	0,296	-0,001	0,013	0,029	FALSE
0,097	0,309	0,003	0,008	0,151	FALSE
0,025	0,318	0,000	0,009	0,014	FALSE
0,104	0,301	0,004	0,011	0,147	FALSE
-0,093	0,297	-0,002	0,006	0,130	FALSE
0,020	0,311	0,000	0,006	0,022	FALSE
-0,031	0,286	-0,001	0,010	0,028	FALSE
0,021	0,302	0,000	0,012	0,008	FALSE
0,140	0,305	0,007	0,013	0,243	FALSE
0,030	0,307	0,001	0,011	0,018	FALSE
0,097	0,297	0,002	0,007	0,116	FALSE

-0,031	0,298	-0,001	0,012	0,024	FALSE
0,078	0,307	0,002	0,007	0,101	FALSE
-0,030	0,305	0,000	0,006	0,015	FALSE
-0,088	0,305	-0,003	0,011	0,117	FALSE
0,009	0,307	0,000	0,010	0,006	FALSE
-0,079	0,311	-0,003	0,011	0,095	FALSE
0,125	0,298	0,004	0,008	0,180	FALSE
-0,131	0,330	-0,005	0,013	0,148	FALSE
0,053	0,299	0,001	0,006	0,076	FALSE
-0,138	0,307	-0,006	0,013	0,196	FALSE
0,118	0,298	0,004	0,010	0,152	FALSE
-0,126	0,310	-0,004	0,013	0,133	FALSE
0,043	0,305	0,001	0,007	0,037	FALSE
-0,016	0,304	0,000	0,009	0,014	FALSE
-0,001	0,307	0,000	0,008	0,000	FALSE
-0,094	0,306	-0,002	0,009	0,086	FALSE
0,063	0,315	0,002	0,008	0,080	FALSE
0,121	0,303	0,003	0,007	0,188	FALSE
-0,001	0,298	0,000	0,008	0,003	FALSE
0,167	0,301	0,005	0,007	0,286	FALSE
0,096	0,319	0,003	0,011	0,092	FALSE
-0,023	0,302	-0,001	0,007	0,053	FALSE
0,062	0,306	0,002	0,009	0,087	FALSE
-0,062	0,317	-0,002	0,009	0,074	FALSE
0,036	0,325	0,000	0,007	0,017	FALSE
-0,030	0,301	-0,002	0,012	0,048	FALSE
0,003	0,313	-0,001	0,012	0,018	FALSE
0,000	0,299	0,000	0,012	0,010	FALSE
-0,022	0,309	-0,001	0,013	0,019	FALSE
-0,065	0,313	-0,002	0,008	0,071	FALSE
0,022	0,316	0,001	0,013	0,015	FALSE
-0,003	0,309	0,000	0,007	0,013	FALSE
0,097	0,314	0,004	0,010	0,151	FALSE
-0,056	0,317	-0,002	0,010	0,061	FALSE
0,040	0,315	0,002	0,008	0,081	FALSE
0,166	0,307	0,006	0,011	0,227	FALSE
0,013	0,307	0,001	0,013	0,022	FALSE
-0,067	0,318	-0,002	0,008	0,092	FALSE
0,049	0,315	0,001	0,007	0,061	FALSE
-0,126	0,303	-0,003	0,007	0,164	FALSE
0,017	0,302	0,000	0,006	0,014	FALSE
-0,061	0,311	-0,002	0,012	0,064	FALSE
0,040	0,316	0,001	0,012	0,027	FALSE
-0,153	0,300	-0,007	0,012	0,247	FALSE
0,051	0,306	0,002	0,009	0,077	FALSE
-0,122	0,303	-0,004	0,011	0,150	FALSE
-0,040	0,295	0,000	0,012	0,009	FALSE
0,037	0,305	0,002	0,011	0,063	FALSE
0,077	0,311	0,002	0,007	0,109	FALSE
-0,026	0,306	-0,001	0,008	0,048	FALSE
-0,076	0,304	-0,002	0,008	0,089	FALSE
0,023	0,305	0,001	0,009	0,034	FALSE
0,038	0,319	0,002	0,011	0,055	FALSE

-0,118	0,300	-0,004	0,011	0,159	FALSE
0,062	0,295	0,002	0,010	0,085	FALSE
0,075	0,295	0,002	0,010	0,084	FALSE
-0,005	0,304	-0,001	0,008	0,026	FALSE
0,114	0,317	0,003	0,007	0,167	FALSE
0,125	0,310	0,003	0,006	0,168	FALSE
0,052	0,310	0,002	0,013	0,049	FALSE
-0,020	0,300	-0,001	0,010	0,050	FALSE
0,068	0,307	0,002	0,009	0,074	FALSE
0,080	0,304	0,001	0,007	0,050	FALSE
0,149	0,292	0,006	0,012	0,198	FALSE
0,024	0,321	0,001	0,007	0,048	FALSE
-0,070	0,314	-0,003	0,011	0,100	FALSE
-0,038	0,319	-0,001	0,008	0,070	FALSE
0,096	0,293	0,004	0,008	0,171	FALSE
0,068	0,318	0,001	0,008	0,063	FALSE
0,112	0,308	0,005	0,012	0,157	FALSE
0,044	0,310	0,002	0,008	0,101	FALSE
0,042	0,317	0,001	0,007	0,035	FALSE
-0,044	0,299	-0,001	0,007	0,059	FALSE
0,051	0,304	0,001	0,007	0,064	FALSE
-0,031	0,285	-0,002	0,009	0,070	FALSE
-0,070	0,311	-0,003	0,012	0,092	FALSE
0,118	0,302	0,005	0,012	0,179	FALSE
-0,019	0,307	0,000	0,006	0,011	FALSE
-0,092	0,295	-0,002	0,008	0,100	FALSE
-0,052	0,298	-0,001	0,008	0,040	FALSE
0,061	0,318	0,002	0,008	0,093	FALSE
-0,169	0,304	-0,005	0,009	0,247	FALSE
-0,023	0,317	0,000	0,012	0,014	FALSE
0,027	0,302	0,001	0,010	0,034	FALSE
0,058	0,299	0,002	0,012	0,047	FALSE
-0,014	0,311	-0,001	0,011	0,052	FALSE
0,007	0,322	0,000	0,008	0,001	FALSE
0,012	0,304	0,000	0,012	0,006	FALSE
0,007	0,315	0,001	0,010	0,034	FALSE
0,049	0,301	0,002	0,013	0,071	FALSE
-0,101	0,307	-0,002	0,007	0,106	FALSE
-0,033	0,318	-0,001	0,008	0,028	FALSE
0,019	0,318	0,000	0,012	0,014	FALSE
-0,040	0,313	-0,002	0,008	0,070	FALSE
-0,119	0,302	-0,003	0,008	0,158	FALSE
-0,030	0,316	-0,001	0,012	0,027	FALSE
-0,202	0,288	-0,009	0,012	0,335	FALSE
0,058	0,308	0,003	0,012	0,096	FALSE
0,060	0,320	0,003	0,013	0,094	FALSE
-0,160	0,310	-0,004	0,008	0,244	FALSE
-0,140	0,296	-0,004	0,009	0,194	FALSE
0,078	0,305	0,003	0,010	0,102	FALSE
0,003	0,325	0,000	0,008	0,013	FALSE
0,005	0,304	0,000	0,010	0,002	FALSE
-0,058	0,307	-0,001	0,007	0,061	FALSE
0,129	0,301	0,004	0,008	0,218	FALSE

0,062	0,309	0,003	0,010	0,098	FALSE
0,029	0,316	0,001	0,007	0,026	FALSE
-0,044	0,311	-0,002	0,008	0,086	FALSE
-0,059	0,326	-0,001	0,007	0,065	FALSE
0,057	0,313	0,003	0,012	0,078	FALSE
-0,124	0,311	-0,003	0,009	0,148	FALSE
0,014	0,308	0,000	0,011	0,007	FALSE
0,014	0,297	0,000	0,006	0,006	FALSE
-0,013	0,305	-0,001	0,010	0,023	FALSE
-0,053	0,315	-0,001	0,011	0,042	FALSE
-0,054	0,314	-0,002	0,013	0,067	FALSE
0,030	0,298	0,001	0,008	0,054	FALSE
-0,067	0,305	-0,003	0,011	0,102	FALSE
-0,042	0,292	-0,001	0,012	0,033	FALSE
-0,046	0,315	-0,001	0,007	0,050	FALSE
-0,083	0,302	-0,002	0,011	0,077	FALSE
-0,220	0,287	-0,005	0,007	0,327	FALSE
0,076	0,316	0,002	0,012	0,065	FALSE
-0,157	0,306	-0,004	0,008	0,220	FALSE
-0,135	0,293	-0,004	0,007	0,201	FALSE
-0,030	0,303	0,000	0,007	0,022	FALSE
-0,026	0,313	0,000	0,006	0,009	FALSE
0,107	0,301	0,004	0,010	0,187	FALSE
-0,006	0,309	0,000	0,009	0,009	FALSE
0,067	0,314	0,001	0,007	0,068	FALSE
-0,105	0,303	-0,002	0,007	0,136	FALSE
-0,050	0,312	-0,002	0,010	0,083	FALSE
0,131	0,302	0,004	0,008	0,226	FALSE
-0,035	0,299	-0,001	0,008	0,060	FALSE
0,032	0,312	0,001	0,011	0,040	FALSE
-0,055	0,314	-0,002	0,008	0,088	FALSE
-0,247	0,295	-0,008	0,011	0,353	FALSE
0,013	0,313	0,001	0,007	0,028	FALSE
0,166	0,308	0,005	0,009	0,249	FALSE
0,036	0,312	0,002	0,011	0,056	FALSE
-0,047	0,310	-0,002	0,009	0,062	FALSE
-0,098	0,314	-0,004	0,013	0,123	FALSE
0,156	0,303	0,004	0,007	0,252	FALSE
0,055	0,310	0,001	0,007	0,055	FALSE
0,004	0,307	0,001	0,006	0,035	FALSE
-0,032	0,309	-0,001	0,007	0,038	FALSE
0,127	0,295	0,004	0,009	0,208	FALSE
0,112	0,300	0,002	0,007	0,139	FALSE
0,000	0,311	-0,001	0,009	0,034	FALSE
-0,084	0,288	-0,003	0,012	0,106	FALSE
-0,103	0,300	-0,003	0,008	0,137	FALSE
-0,087	0,312	-0,004	0,013	0,121	FALSE
-0,023	0,317	-0,002	0,013	0,048	FALSE
-0,087	0,315	-0,002	0,007	0,138	FALSE
0,008	0,314	0,000	0,007	0,016	FALSE
-0,038	0,302	-0,002	0,011	0,065	FALSE
-0,177	0,302	-0,004	0,006	0,238	FALSE
0,079	0,314	0,002	0,008	0,117	FALSE

0,083	0,310	0,003	0,009	0,118	FALSE
-0,003	0,304	-0,001	0,009	0,024	FALSE
0,031	0,318	0,001	0,010	0,049	FALSE
0,111	0,312	0,004	0,010	0,158	FALSE
0,123	0,296	0,004	0,009	0,196	FALSE
0,102	0,317	0,002	0,007	0,140	FALSE
-0,112	0,304	-0,003	0,011	0,113	FALSE
-0,116	0,296	-0,003	0,011	0,109	FALSE
-0,093	0,308	-0,003	0,011	0,095	FALSE
-0,190	0,295	-0,005	0,010	0,238	FALSE
0,034	0,323	0,000	0,007	0,008	FALSE
-0,051	0,315	-0,001	0,013	0,035	FALSE
-0,096	0,306	-0,003	0,012	0,099	FALSE
0,031	0,308	0,000	0,007	0,011	FALSE
-0,038	0,333	-0,001	0,008	0,030	FALSE
-0,056	0,306	-0,001	0,007	0,059	FALSE
0,014	0,316	0,001	0,012	0,024	FALSE
0,009	0,308	0,001	0,012	0,016	FALSE
0,020	0,315	0,001	0,008	0,034	FALSE
0,021	0,305	0,000	0,008	0,008	FALSE
0,118	0,297	0,003	0,006	0,185	FALSE
0,194	0,302	0,007	0,011	0,288	FALSE
-0,001	0,305	0,000	0,007	0,009	FALSE
-0,021	0,303	0,001	0,012	0,030	FALSE
-0,088	0,304	-0,004	0,012	0,127	FALSE
0,125	0,298	0,006	0,011	0,213	FALSE
-0,047	0,313	-0,001	0,007	0,038	FALSE
-0,036	0,302	-0,001	0,007	0,039	FALSE
-0,054	0,304	-0,002	0,009	0,063	FALSE
-0,100	0,310	-0,003	0,010	0,128	FALSE
-0,030	0,311	-0,001	0,011	0,040	FALSE
-0,066	0,306	-0,002	0,007	0,097	FALSE
0,026	0,310	0,001	0,007	0,047	FALSE
0,213	0,301	0,007	0,010	0,331	FALSE
0,097	0,314	0,003	0,009	0,146	FALSE
0,140	0,311	0,003	0,007	0,156	FALSE
-0,080	0,321	-0,003	0,013	0,090	FALSE
-0,011	0,301	0,000	0,008	0,011	FALSE
0,067	0,319	0,002	0,007	0,077	FALSE
0,011	0,291	0,002	0,012	0,067	FALSE
0,047	0,295	0,001	0,007	0,046	FALSE
-0,056	0,314	-0,001	0,011	0,044	FALSE
-0,003	0,327	-0,001	0,007	0,034	FALSE
-0,014	0,319	-0,001	0,010	0,024	FALSE
0,053	0,307	0,002	0,009	0,075	FALSE
-0,023	0,309	-0,001	0,009	0,037	FALSE
0,024	0,304	0,001	0,011	0,046	FALSE
0,013	0,296	0,000	0,009	0,010	FALSE
-0,047	0,301	-0,002	0,011	0,052	FALSE
-0,027	0,303	-0,001	0,011	0,037	FALSE
0,013	0,296	0,001	0,007	0,043	FALSE
-0,123	0,313	-0,002	0,006	0,149	FALSE
0,038	0,292	0,001	0,009	0,051	FALSE

0,027	0,295	0,001	0,008	0,041	FALSE
-0,108	0,322	-0,002	0,007	0,092	FALSE
-0,093	0,291	-0,005	0,012	0,156	FALSE
0,069	0,304	0,001	0,008	0,050	FALSE
-0,031	0,308	-0,001	0,012	0,040	FALSE
-0,206	0,300	-0,008	0,013	0,299	FALSE
0,039	0,299	0,001	0,011	0,039	FALSE
0,017	0,300	0,000	0,011	0,012	FALSE
0,053	0,304	0,002	0,008	0,091	FALSE
0,108	0,297	0,004	0,009	0,171	FALSE
0,127	0,306	0,005	0,009	0,199	FALSE
0,069	0,309	0,002	0,010	0,089	FALSE
-0,037	0,299	0,000	0,007	0,017	FALSE
0,020	0,328	0,000	0,007	0,025	FALSE
0,011	0,285	0,001	0,007	0,028	FALSE
-0,177	0,302	-0,008	0,013	0,270	FALSE
0,066	0,290	0,002	0,011	0,061	FALSE
-0,016	0,291	0,000	0,007	0,009	FALSE
-0,010	0,314	0,000	0,008	0,009	FALSE
0,012	0,299	0,000	0,006	0,000	FALSE
-0,028	0,311	-0,002	0,013	0,046	FALSE
-0,019	0,320	-0,001	0,013	0,028	FALSE
0,014	0,304	0,000	0,008	0,010	FALSE
-0,017	0,297	-0,002	0,010	0,064	FALSE
-0,012	0,303	0,000	0,007	0,007	FALSE
-0,036	0,301	-0,002	0,010	0,074	FALSE
-0,005	0,309	0,000	0,012	0,008	FALSE
0,089	0,314	0,004	0,011	0,127	FALSE
0,016	0,313	0,000	0,013	0,013	FALSE
-0,018	0,298	-0,001	0,012	0,036	FALSE
-0,128	0,308	-0,003	0,007	0,187	FALSE
-0,046	0,315	-0,001	0,006	0,056	FALSE
-0,077	0,305	-0,001	0,007	0,072	FALSE
0,187	0,287	0,007	0,010	0,287	FALSE
-0,057	0,311	-0,001	0,010	0,054	FALSE
-0,090	0,309	-0,005	0,012	0,153	FALSE
0,038	0,305	0,001	0,008	0,054	FALSE
-0,120	0,308	-0,003	0,007	0,162	FALSE
-0,075	0,302	-0,003	0,011	0,094	FALSE
-0,101	0,300	-0,003	0,008	0,161	FALSE
-0,034	0,326	-0,001	0,008	0,045	FALSE
-0,041	0,303	-0,001	0,006	0,055	FALSE
0,180	0,302	0,005	0,007	0,279	FALSE
0,110	0,299	0,004	0,011	0,140	FALSE
0,026	0,312	0,001	0,009	0,030	FALSE
-0,010	0,308	-0,001	0,012	0,027	FALSE
-0,094	0,308	-0,002	0,006	0,107	FALSE
-0,103	0,325	-0,002	0,010	0,090	FALSE
-0,007	0,312	0,000	0,012	0,004	FALSE
-0,074	0,299	-0,002	0,008	0,114	FALSE
-0,042	0,309	-0,001	0,007	0,051	FALSE
0,125	0,303	0,004	0,012	0,156	FALSE
-0,040	0,305	-0,001	0,009	0,044	FALSE

-0,076	0,304	-0,002	0,007	0,124	FALSE
0,040	0,298	0,001	0,010	0,042	FALSE
0,023	0,304	0,001	0,007	0,031	FALSE
-0,021	0,299	0,000	0,006	0,011	FALSE
-0,020	0,295	0,000	0,007	0,022	FALSE
-0,037	0,308	0,000	0,006	0,014	FALSE
-0,006	0,298	-0,001	0,011	0,021	FALSE
-0,030	0,297	-0,001	0,006	0,032	FALSE
0,081	0,310	0,003	0,011	0,096	FALSE
0,044	0,313	0,001	0,009	0,048	FALSE
-0,133	0,304	-0,003	0,007	0,170	FALSE
0,171	0,299	0,006	0,011	0,230	FALSE
-0,189	0,303	-0,005	0,007	0,286	FALSE
0,126	0,302	0,005	0,011	0,182	FALSE
-0,043	0,294	-0,001	0,007	0,053	FALSE
0,052	0,297	0,001	0,008	0,059	FALSE
-0,007	0,303	-0,001	0,008	0,033	FALSE
-0,032	0,310	0,000	0,006	0,018	FALSE
-0,014	0,315	-0,001	0,008	0,025	FALSE
0,064	0,298	0,001	0,007	0,078	FALSE
0,062	0,295	0,001	0,007	0,056	FALSE
0,063	0,305	0,002	0,007	0,107	FALSE
0,066	0,308	0,002	0,012	0,066	FALSE
0,008	0,309	0,001	0,009	0,023	FALSE
-0,033	0,308	0,000	0,009	0,008	FALSE
-0,009	0,315	0,000	0,012	0,004	FALSE
0,074	0,300	0,002	0,007	0,087	FALSE
0,084	0,303	0,003	0,012	0,107	FALSE
-0,046	0,296	-0,001	0,008	0,071	FALSE
-0,093	0,308	-0,002	0,009	0,103	FALSE
-0,006	0,300	0,000	0,007	0,006	FALSE
-0,004	0,303	0,000	0,007	0,006	FALSE
-0,013	0,311	0,000	0,009	0,010	FALSE
-0,035	0,301	-0,001	0,012	0,021	FALSE
0,027	0,309	0,001	0,007	0,064	FALSE
-0,065	0,300	-0,002	0,010	0,070	FALSE
-0,047	0,303	-0,001	0,006	0,064	FALSE
0,038	0,317	0,001	0,011	0,035	FALSE
-0,095	0,306	-0,003	0,009	0,122	FALSE
0,070	0,303	0,002	0,011	0,080	FALSE
0,057	0,321	0,002	0,007	0,103	FALSE
0,015	0,312	0,000	0,006	0,007	FALSE
0,001	0,302	-0,001	0,013	0,017	FALSE
-0,042	0,318	-0,001	0,010	0,035	FALSE
0,057	0,305	0,001	0,006	0,091	FALSE
-0,016	0,305	-0,001	0,011	0,044	FALSE
-0,029	0,312	-0,001	0,006	0,058	FALSE
-0,105	0,308	-0,003	0,007	0,146	FALSE
-0,028	0,307	-0,001	0,009	0,036	FALSE
0,110	0,310	0,002	0,008	0,086	FALSE
0,028	0,304	0,000	0,007	0,007	FALSE
0,034	0,317	0,001	0,010	0,056	FALSE
0,008	0,310	0,001	0,010	0,032	FALSE

-0,010	0,312	0,000	0,009	0,018	FALSE
-0,028	0,323	-0,001	0,009	0,042	FALSE
-0,100	0,318	-0,002	0,006	0,116	FALSE
0,005	0,311	0,000	0,009	0,000	FALSE
-0,072	0,298	-0,002	0,006	0,136	FALSE
-0,046	0,307	-0,001	0,008	0,055	FALSE
-0,035	0,298	-0,001	0,008	0,051	FALSE
0,057	0,314	0,002	0,009	0,066	FALSE
-0,157	0,306	-0,004	0,009	0,213	FALSE
-0,145	0,334	-0,004	0,009	0,182	FALSE
-0,028	0,307	-0,001	0,012	0,028	FALSE
0,082	0,306	0,002	0,006	0,123	FALSE
0,003	0,302	0,000	0,007	0,017	FALSE
-0,018	0,303	0,000	0,007	0,023	FALSE
-0,082	0,304	-0,002	0,007	0,112	FALSE
-0,013	0,303	-0,001	0,013	0,025	FALSE
0,068	0,296	0,001	0,007	0,054	FALSE
-0,220	0,304	-0,005	0,007	0,311	FALSE
-0,111	0,320	-0,003	0,008	0,159	FALSE
0,058	0,290	0,002	0,010	0,083	FALSE
-0,001	0,315	0,000	0,009	0,010	FALSE
0,089	0,297	0,002	0,006	0,110	FALSE
-0,083	0,297	-0,004	0,011	0,127	FALSE
-0,006	0,314	0,000	0,013	0,003	FALSE
0,047	0,307	0,002	0,012	0,048	FALSE
-0,029	0,306	0,000	0,011	0,014	FALSE
0,035	0,299	0,001	0,009	0,036	FALSE
0,002	0,302	-0,001	0,011	0,041	FALSE
-0,055	0,311	-0,002	0,010	0,086	FALSE
-0,038	0,307	-0,001	0,010	0,024	FALSE
-0,064	0,315	-0,002	0,008	0,107	FALSE
-0,140	0,307	-0,004	0,010	0,143	FALSE
0,105	0,303	0,002	0,006	0,124	FALSE
0,024	0,322	0,000	0,007	0,017	FALSE
-0,011	0,315	0,000	0,009	0,002	FALSE
-0,029	0,306	-0,001	0,009	0,020	FALSE
0,033	0,329	0,002	0,012	0,057	FALSE
-0,048	0,304	-0,002	0,010	0,062	FALSE
-0,163	0,298	-0,005	0,009	0,226	FALSE
-0,084	0,309	-0,003	0,012	0,096	FALSE
0,119	0,290	0,003	0,006	0,186	FALSE
-0,076	0,299	-0,002	0,010	0,085	FALSE
0,072	0,301	0,002	0,006	0,130	FALSE
-0,075	0,300	-0,003	0,012	0,088	FALSE
-0,068	0,307	-0,002	0,010	0,085	FALSE
0,092	0,306	0,003	0,009	0,139	FALSE
0,071	0,305	0,002	0,011	0,060	FALSE
0,164	0,302	0,006	0,012	0,224	FALSE
-0,076	0,293	-0,002	0,008	0,101	FALSE
0,005	0,308	0,000	0,008	0,000	FALSE
0,107	0,303	0,004	0,012	0,150	FALSE
0,060	0,301	0,002	0,012	0,070	FALSE
0,089	0,292	0,001	0,005	0,082	FALSE

0,050	0,303	0,002	0,008	0,097	FALSE
0,055	0,309	0,001	0,007	0,058	FALSE
-0,002	0,310	0,001	0,013	0,029	FALSE
0,052	0,312	0,001	0,008	0,070	FALSE
0,037	0,303	0,002	0,012	0,051	FALSE
-0,107	0,309	-0,004	0,011	0,158	FALSE
0,046	0,322	0,001	0,007	0,044	FALSE
0,113	0,310	0,004	0,009	0,164	FALSE
-0,073	0,300	-0,002	0,006	0,103	FALSE
-0,069	0,317	-0,004	0,013	0,105	FALSE
-0,016	0,308	0,000	0,009	0,002	FALSE
0,007	0,309	0,000	0,008	0,019	FALSE
-0,027	0,310	-0,001	0,007	0,056	FALSE
-0,043	0,316	-0,001	0,008	0,052	FALSE
0,018	0,299	0,001	0,007	0,033	FALSE
-0,047	0,321	-0,002	0,010	0,058	FALSE
-0,023	0,292	0,000	0,008	0,013	FALSE
0,111	0,316	0,004	0,011	0,169	FALSE
0,043	0,300	0,001	0,009	0,031	FALSE
-0,083	0,296	-0,005	0,012	0,153	FALSE
0,155	0,318	0,006	0,010	0,229	FALSE
-0,070	0,299	-0,003	0,009	0,116	FALSE
0,013	0,311	0,001	0,013	0,033	FALSE
-0,095	0,295	-0,003	0,009	0,106	FALSE
0,007	0,298	0,000	0,012	0,007	FALSE
0,107	0,319	0,003	0,008	0,128	FALSE
0,018	0,317	0,001	0,007	0,033	FALSE
-0,073	0,296	-0,003	0,011	0,105	FALSE
0,017	0,312	0,000	0,010	0,013	FALSE
0,096	0,302	0,002	0,008	0,112	FALSE
-0,034	0,309	-0,001	0,011	0,040	FALSE
0,112	0,297	0,003	0,009	0,153	FALSE
-0,020	0,315	-0,001	0,007	0,048	FALSE
-0,041	0,307	-0,001	0,009	0,057	FALSE
0,020	0,305	0,001	0,009	0,032	FALSE
0,040	0,303	0,002	0,012	0,052	FALSE
0,049	0,316	0,001	0,011	0,049	FALSE
0,058	0,302	0,002	0,008	0,075	FALSE
0,086	0,308	0,002	0,008	0,118	FALSE
0,101	0,321	0,004	0,012	0,134	FALSE
-0,019	0,306	0,000	0,010	0,010	FALSE
-0,016	0,307	0,000	0,009	0,016	FALSE
0,037	0,323	0,001	0,008	0,037	FALSE
0,003	0,316	0,000	0,007	0,018	FALSE
-0,057	0,305	-0,001	0,008	0,048	FALSE
0,054	0,303	0,002	0,009	0,102	FALSE
-0,086	0,329	-0,001	0,007	0,080	FALSE
0,017	0,302	0,001	0,007	0,060	FALSE
-0,146	0,291	-0,006	0,011	0,223	FALSE
-0,019	0,302	-0,001	0,011	0,038	FALSE
-0,059	0,302	-0,001	0,012	0,027	FALSE
-0,080	0,307	-0,003	0,011	0,106	FALSE
0,106	0,307	0,002	0,007	0,090	FALSE

-0,044	0,308	0,000	0,010	0,013	FALSE
0,199	0,304	0,005	0,008	0,293	FALSE
-0,016	0,317	0,000	0,007	0,025	FALSE
0,001	0,305	0,001	0,012	0,026	FALSE
-0,120	0,313	-0,004	0,010	0,163	FALSE
-0,006	0,316	0,000	0,013	0,003	FALSE
-0,025	0,316	-0,001	0,013	0,017	FALSE
-0,020	0,302	-0,002	0,009	0,073	FALSE
0,043	0,288	0,001	0,007	0,049	FALSE
-0,029	0,310	-0,002	0,011	0,075	FALSE
0,174	0,296	0,005	0,008	0,282	FALSE
-0,018	0,308	-0,002	0,011	0,071	FALSE
0,004	0,313	0,001	0,013	0,021	FALSE
-0,079	0,313	-0,003	0,008	0,116	FALSE
-0,141	0,317	-0,004	0,011	0,144	FALSE
0,006	0,293	0,001	0,007	0,033	FALSE
0,013	0,306	0,001	0,012	0,041	FALSE
0,065	0,318	0,002	0,013	0,045	FALSE
-0,171	0,299	-0,004	0,008	0,218	FALSE
-0,037	0,308	-0,002	0,011	0,063	FALSE
-0,013	0,299	0,000	0,007	0,001	FALSE
-0,103	0,306	-0,003	0,007	0,142	FALSE
-0,073	0,307	-0,002	0,010	0,076	FALSE
-0,012	0,298	-0,002	0,012	0,049	FALSE
0,173	0,305	0,008	0,012	0,281	FALSE
0,066	0,318	0,003	0,011	0,112	FALSE
0,170	0,306	0,004	0,007	0,269	FALSE
0,084	0,300	0,003	0,011	0,099	FALSE
-0,117	0,304	-0,004	0,008	0,196	FALSE
-0,052	0,299	-0,001	0,007	0,034	FALSE
-0,165	0,306	-0,006	0,011	0,238	FALSE
-0,016	0,316	0,000	0,007	0,010	FALSE
0,028	0,311	0,000	0,009	0,012	FALSE
0,150	0,290	0,003	0,006	0,173	FALSE
0,049	0,317	0,001	0,011	0,021	FALSE
0,028	0,305	0,000	0,011	0,002	FALSE
0,065	0,298	0,003	0,011	0,100	FALSE
-0,102	0,306	-0,004	0,012	0,124	FALSE
-0,011	0,312	0,000	0,007	0,001	FALSE
-0,043	0,315	-0,001	0,012	0,042	FALSE
-0,002	0,318	0,000	0,013	0,003	FALSE
-0,019	0,313	-0,001	0,011	0,047	FALSE
0,025	0,295	0,001	0,012	0,023	FALSE
0,083	0,305	0,002	0,013	0,070	FALSE
-0,007	0,301	-0,001	0,007	0,026	FALSE
0,076	0,303	0,002	0,008	0,076	FALSE
-0,038	0,308	-0,001	0,011	0,039	FALSE
-0,049	0,311	-0,001	0,006	0,060	FALSE
0,060	0,314	0,003	0,011	0,095	FALSE
-0,058	0,294	-0,001	0,008	0,064	FALSE
-0,038	0,307	-0,001	0,006	0,057	FALSE
-0,021	0,310	-0,001	0,013	0,031	FALSE
-0,127	0,301	-0,003	0,006	0,169	FALSE

0,187	0,294	0,005	0,008	0,285	FALSE
-0,061	0,316	-0,002	0,011	0,076	FALSE
0,157	0,303	0,005	0,010	0,209	FALSE
0,030	0,319	0,001	0,007	0,031	FALSE
-0,102	0,295	-0,002	0,007	0,137	FALSE
-0,003	0,323	0,000	0,008	0,006	FALSE
-0,051	0,307	-0,001	0,007	0,062	FALSE
0,146	0,298	0,006	0,011	0,217	FALSE
-0,116	0,289	-0,002	0,006	0,138	FALSE
-0,159	0,310	-0,003	0,007	0,205	FALSE
0,003	0,297	0,000	0,009	0,000	FALSE
-0,148	0,318	-0,003	0,007	0,182	FALSE
0,073	0,293	0,003	0,011	0,107	FALSE
-0,108	0,305	-0,002	0,007	0,146	FALSE
0,095	0,282	0,005	0,010	0,199	FALSE
0,027	0,286	0,002	0,011	0,055	FALSE
-0,128	0,287	-0,003	0,008	0,146	FALSE
-0,085	0,304	-0,002	0,007	0,111	FALSE
0,123	0,313	0,006	0,012	0,197	FALSE
0,124	0,307	0,005	0,011	0,196	FALSE
0,007	0,313	-0,001	0,012	0,024	FALSE
-0,125	0,299	-0,002	0,006	0,157	FALSE
0,178	0,297	0,007	0,011	0,255	FALSE
-0,059	0,303	-0,002	0,008	0,104	FALSE
0,040	0,309	0,001	0,006	0,051	FALSE
0,041	0,302	0,001	0,006	0,041	FALSE
-0,163	0,304	-0,004	0,008	0,229	FALSE
0,008	0,312	0,000	0,007	0,011	FALSE
-0,100	0,303	-0,003	0,008	0,139	FALSE
-0,062	0,307	-0,002	0,007	0,088	FALSE
0,011	0,305	0,001	0,007	0,042	FALSE
0,061	0,294	0,004	0,011	0,127	FALSE
0,036	0,302	0,002	0,013	0,053	FALSE
0,101	0,302	0,002	0,007	0,104	FALSE
0,028	0,311	0,001	0,009	0,035	FALSE
-0,016	0,291	0,000	0,008	0,013	FALSE
-0,015	0,308	0,000	0,008	0,009	FALSE
0,011	0,307	0,001	0,008	0,028	FALSE
0,034	0,300	0,000	0,012	0,002	FALSE
-0,008	0,299	0,000	0,007	0,010	FALSE
-0,016	0,310	-0,001	0,011	0,018	FALSE
0,011	0,315	0,001	0,009	0,056	FALSE
0,012	0,304	0,001	0,009	0,059	FALSE
0,081	0,308	0,002	0,006	0,101	FALSE
0,031	0,303	0,001	0,010	0,040	FALSE
0,055	0,309	0,002	0,008	0,077	FALSE
-0,021	0,311	0,000	0,007	0,022	FALSE
-0,099	0,314	-0,004	0,009	0,165	FALSE
0,103	0,307	0,003	0,008	0,116	FALSE
-0,050	0,305	-0,001	0,007	0,058	FALSE
-0,065	0,294	-0,001	0,007	0,083	FALSE
-0,023	0,306	-0,001	0,008	0,070	FALSE
0,006	0,298	0,001	0,012	0,045	FALSE

-0,019	0,311	-0,001	0,008	0,059	FALSE
0,003	0,314	0,001	0,007	0,035	FALSE
-0,002	0,305	0,000	0,008	0,003	FALSE
0,018	0,294	0,001	0,007	0,030	FALSE
0,160	0,299	0,004	0,008	0,231	FALSE
-0,100	0,318	-0,003	0,008	0,155	FALSE
-0,041	0,304	-0,001	0,012	0,044	FALSE
-0,127	0,287	-0,004	0,011	0,144	FALSE
-0,110	0,307	-0,004	0,012	0,126	FALSE
-0,097	0,294	-0,003	0,010	0,112	FALSE
0,118	0,289	0,003	0,010	0,126	FALSE
0,065	0,320	0,002	0,012	0,068	FALSE
0,121	0,286	0,004	0,010	0,178	FALSE
-0,037	0,305	-0,001	0,012	0,037	FALSE
0,044	0,319	0,001	0,011	0,045	FALSE
-0,071	0,318	-0,003	0,013	0,086	FALSE
-0,025	0,316	-0,001	0,012	0,044	FALSE
0,003	0,308	0,000	0,011	0,011	FALSE
0,052	0,309	0,002	0,010	0,092	FALSE
-0,066	0,315	-0,001	0,007	0,073	FALSE
0,026	0,318	0,001	0,010	0,052	FALSE
0,100	0,314	0,002	0,007	0,118	FALSE
0,023	0,294	0,001	0,011	0,037	FALSE
0,028	0,307	0,001	0,008	0,057	FALSE
-0,003	0,309	0,000	0,009	0,014	FALSE
-0,115	0,317	-0,002	0,007	0,108	FALSE
-0,145	0,292	-0,004	0,008	0,193	FALSE
0,080	0,301	0,002	0,006	0,135	FALSE
-0,163	0,299	-0,004	0,009	0,214	FALSE
-0,181	0,302	-0,006	0,011	0,253	FALSE
-0,104	0,310	-0,002	0,007	0,118	FALSE
0,048	0,300	0,001	0,007	0,051	FALSE
-0,024	0,323	-0,001	0,010	0,025	FALSE
0,128	0,313	0,003	0,007	0,175	FALSE
-0,023	0,309	0,000	0,008	0,014	FALSE
-0,007	0,308	0,000	0,008	0,010	FALSE
0,036	0,307	0,002	0,010	0,063	FALSE
0,019	0,294	0,000	0,008	0,002	FALSE
-0,081	0,309	-0,002	0,009	0,096	FALSE
0,006	0,306	0,000	0,007	0,021	FALSE
-0,063	0,303	-0,002	0,008	0,093	FALSE
0,065	0,313	0,002	0,012	0,062	FALSE
0,004	0,297	0,001	0,007	0,051	FALSE
0,050	0,297	0,001	0,007	0,062	FALSE
0,059	0,284	0,004	0,011	0,141	FALSE
-0,004	0,291	0,001	0,007	0,037	FALSE
-0,001	0,312	0,000	0,011	0,004	FALSE
0,028	0,316	0,000	0,011	0,013	FALSE
0,001	0,301	0,000	0,009	0,008	FALSE
0,098	0,324	0,003	0,008	0,140	FALSE
-0,047	0,310	-0,001	0,008	0,058	FALSE
0,012	0,299	0,001	0,009	0,024	FALSE
0,012	0,302	0,000	0,007	0,005	FALSE

0,020	0,297	0,001	0,006	0,062	FALSE
0,101	0,312	0,003	0,010	0,123	FALSE
0,077	0,303	0,003	0,010	0,100	FALSE
-0,139	0,292	-0,006	0,012	0,196	FALSE
0,091	0,307	0,003	0,011	0,106	FALSE
-0,020	0,313	-0,001	0,009	0,031	FALSE
0,031	0,302	0,001	0,010	0,033	FALSE
-0,057	0,317	-0,001	0,008	0,053	FALSE
-0,048	0,306	-0,001	0,007	0,074	FALSE
-0,050	0,297	-0,001	0,006	0,031	FALSE
-0,052	0,300	-0,002	0,008	0,076	FALSE
-0,013	0,309	-0,001	0,007	0,029	FALSE
-0,043	0,301	-0,001	0,007	0,074	FALSE
0,080	0,305	0,003	0,011	0,118	FALSE
0,059	0,303	0,002	0,012	0,050	FALSE
0,084	0,302	0,001	0,006	0,067	FALSE
-0,037	0,299	-0,001	0,012	0,018	FALSE
0,079	0,303	0,002	0,010	0,082	FALSE
-0,030	0,321	-0,001	0,013	0,026	FALSE
-0,053	0,308	-0,002	0,012	0,067	FALSE
-0,097	0,301	-0,002	0,007	0,096	FALSE
-0,045	0,308	-0,001	0,008	0,052	FALSE
0,031	0,312	0,001	0,008	0,054	FALSE
-0,025	0,303	-0,001	0,008	0,031	FALSE
-0,092	0,305	-0,003	0,011	0,114	FALSE
0,011	0,304	0,001	0,012	0,036	FALSE
-0,064	0,311	-0,002	0,009	0,074	FALSE
0,129	0,304	0,003	0,009	0,147	FALSE
-0,141	0,302	-0,005	0,009	0,226	FALSE
0,268	0,291	0,007	0,008	0,388	FALSE
-0,022	0,308	-0,001	0,012	0,042	FALSE
-0,012	0,316	-0,001	0,008	0,025	FALSE
-0,074	0,310	-0,002	0,012	0,064	FALSE
-0,018	0,303	-0,001	0,012	0,038	FALSE
0,007	0,310	-0,001	0,012	0,017	FALSE
-0,073	0,304	-0,003	0,012	0,093	FALSE
0,011	0,307	0,001	0,007	0,040	FALSE
-0,035	0,293	-0,001	0,011	0,050	FALSE
-0,046	0,309	-0,002	0,010	0,073	FALSE
-0,005	0,304	-0,001	0,011	0,018	FALSE
0,016	0,317	0,000	0,008	0,006	FALSE
-0,078	0,304	-0,004	0,013	0,115	FALSE
0,026	0,319	0,001	0,010	0,051	FALSE
-0,167	0,308	-0,006	0,009	0,281	FALSE
-0,072	0,309	-0,001	0,008	0,063	FALSE
0,010	0,307	0,000	0,011	0,008	FALSE
-0,066	0,313	-0,001	0,008	0,064	FALSE
-0,026	0,312	-0,001	0,008	0,040	FALSE
0,063	0,313	0,003	0,011	0,106	FALSE
-0,018	0,324	-0,001	0,007	0,036	FALSE
0,179	0,289	0,005	0,008	0,285	FALSE
-0,066	0,316	-0,002	0,009	0,087	FALSE
0,118	0,302	0,004	0,012	0,130	FALSE

-0,084	0,315	-0,001	0,007	0,081	FALSE
-0,042	0,317	-0,001	0,010	0,031	FALSE
-0,041	0,308	-0,001	0,010	0,019	FALSE
0,030	0,309	0,001	0,010	0,056	FALSE
0,021	0,297	0,001	0,007	0,038	FALSE
-0,205	0,297	-0,007	0,010	0,300	FALSE
-0,083	0,303	-0,003	0,011	0,119	FALSE
0,062	0,315	0,002	0,011	0,079	FALSE
-0,025	0,307	-0,001	0,008	0,039	FALSE
0,114	0,318	0,003	0,008	0,133	FALSE
0,092	0,288	0,003	0,006	0,168	FALSE
0,084	0,306	0,002	0,009	0,092	FALSE
0,067	0,299	0,001	0,009	0,057	FALSE
0,098	0,315	0,002	0,009	0,102	FALSE
0,068	0,313	0,002	0,013	0,071	FALSE
0,010	0,314	0,000	0,009	0,012	FALSE
-0,065	0,317	-0,001	0,007	0,049	FALSE
-0,047	0,312	-0,001	0,012	0,036	FALSE
-0,149	0,305	-0,004	0,010	0,185	FALSE
-0,002	0,305	0,000	0,011	0,005	FALSE
-0,127	0,295	-0,004	0,010	0,154	FALSE
-0,115	0,295	-0,004	0,010	0,146	FALSE
-0,128	0,305	-0,006	0,012	0,211	FALSE
-0,079	0,289	-0,001	0,008	0,058	FALSE
-0,032	0,316	-0,001	0,011	0,036	FALSE
-0,054	0,305	-0,002	0,008	0,078	FALSE
0,060	0,314	0,001	0,007	0,058	FALSE
0,015	0,305	0,000	0,006	0,008	FALSE
0,032	0,301	0,000	0,011	0,000	FALSE
0,019	0,313	0,002	0,012	0,049	FALSE
0,007	0,301	0,000	0,006	0,012	FALSE
-0,050	0,300	-0,003	0,010	0,108	FALSE
-0,028	0,308	0,000	0,006	0,015	FALSE
-0,066	0,307	-0,002	0,008	0,114	FALSE
0,046	0,321	0,002	0,009	0,067	FALSE
0,054	0,305	0,002	0,011	0,079	FALSE
0,073	0,306	0,001	0,007	0,075	FALSE
0,097	0,304	0,002	0,007	0,085	FALSE
0,021	0,303	0,000	0,011	0,001	FALSE
-0,031	0,314	0,000	0,010	0,013	FALSE
-0,119	0,301	-0,005	0,011	0,174	FALSE
0,000	0,310	0,000	0,012	0,007	FALSE
-0,012	0,312	0,000	0,007	0,003	FALSE
0,059	0,292	0,001	0,009	0,040	FALSE
-0,032	0,291	0,000	0,008	0,015	FALSE
-0,092	0,309	-0,002	0,008	0,089	FALSE
0,026	0,305	0,001	0,012	0,022	FALSE
0,022	0,315	0,000	0,007	0,020	FALSE
-0,012	0,314	0,000	0,009	0,012	FALSE
-0,043	0,311	-0,001	0,008	0,029	FALSE
0,028	0,307	0,001	0,008	0,031	FALSE
-0,061	0,313	-0,002	0,012	0,071	FALSE
0,018	0,312	0,001	0,008	0,048	FALSE

0,019	0,306	0,001	0,013	0,030	FALSE
-0,052	0,306	-0,001	0,007	0,038	FALSE
-0,085	0,315	-0,004	0,011	0,126	FALSE
0,121	0,306	0,003	0,007	0,183	FALSE
-0,023	0,311	-0,001	0,007	0,029	FALSE
-0,145	0,305	-0,004	0,011	0,146	FALSE
0,070	0,301	0,002	0,011	0,053	FALSE
0,081	0,308	0,002	0,007	0,110	FALSE
-0,107	0,304	-0,002	0,006	0,139	FALSE
-0,028	0,304	-0,001	0,007	0,034	FALSE
-0,021	0,310	0,000	0,007	0,014	FALSE
-0,048	0,295	0,000	0,007	0,010	FALSE
-0,051	0,303	-0,001	0,009	0,035	FALSE
0,056	0,304	0,001	0,008	0,069	FALSE
0,012	0,309	0,001	0,009	0,022	FALSE
-0,066	0,297	-0,004	0,011	0,124	FALSE
0,002	0,304	0,001	0,007	0,053	FALSE
-0,071	0,306	-0,003	0,012	0,089	FALSE
-0,027	0,304	-0,001	0,007	0,046	FALSE
0,163	0,315	0,004	0,006	0,243	FALSE
-0,020	0,302	-0,001	0,007	0,030	FALSE
0,089	0,291	0,003	0,010	0,104	FALSE
0,029	0,309	0,001	0,011	0,026	FALSE
0,097	0,287	0,003	0,008	0,122	FALSE
-0,024	0,315	-0,001	0,010	0,036	FALSE
-0,003	0,299	0,000	0,007	0,005	FALSE
-0,039	0,300	-0,001	0,010	0,042	FALSE
0,070	0,321	0,002	0,011	0,057	FALSE
-0,049	0,315	-0,001	0,008	0,049	FALSE
-0,032	0,309	-0,001	0,008	0,022	FALSE
0,001	0,307	0,000	0,008	0,007	FALSE
0,020	0,301	0,000	0,008	0,009	FALSE
-0,003	0,312	0,000	0,008	0,019	FALSE
-0,067	0,294	-0,002	0,009	0,099	FALSE
-0,059	0,306	-0,002	0,010	0,078	FALSE
-0,051	0,312	-0,002	0,011	0,059	FALSE
0,087	0,302	0,002	0,007	0,115	FALSE
0,017	0,316	0,000	0,013	0,010	FALSE
-0,126	0,316	-0,004	0,009	0,175	FALSE
-0,022	0,313	-0,002	0,013	0,046	FALSE
-0,124	0,291	-0,004	0,009	0,205	FALSE
0,061	0,302	0,002	0,010	0,097	FALSE
-0,018	0,304	-0,001	0,006	0,041	FALSE
0,181	0,296	0,005	0,008	0,268	FALSE
-0,124	0,314	-0,003	0,007	0,155	FALSE
-0,021	0,301	-0,001	0,007	0,036	FALSE
-0,020	0,306	-0,001	0,009	0,025	FALSE
-0,108	0,298	-0,004	0,011	0,140	FALSE
0,104	0,314	0,004	0,010	0,166	FALSE
0,104	0,305	0,004	0,010	0,153	FALSE
0,086	0,308	0,002	0,006	0,105	FALSE
0,121	0,290	0,004	0,009	0,165	FALSE
0,088	0,298	0,002	0,006	0,138	FALSE

0,004	0,322	0,001	0,010	0,017	FALSE
-0,014	0,314	-0,001	0,010	0,025	FALSE
-0,133	0,314	-0,003	0,008	0,167	FALSE
-0,063	0,311	-0,001	0,006	0,087	FALSE
0,097	0,319	0,003	0,010	0,134	FALSE
0,140	0,298	0,005	0,010	0,219	FALSE
0,042	0,307	0,001	0,007	0,049	FALSE
-0,116	0,299	-0,004	0,012	0,142	FALSE
0,075	0,314	0,003	0,009	0,113	FALSE
-0,126	0,318	-0,006	0,012	0,185	FALSE
-0,130	0,308	-0,005	0,012	0,162	FALSE
-0,003	0,313	-0,001	0,011	0,027	FALSE
0,025	0,325	0,000	0,011	0,007	FALSE
0,035	0,301	0,001	0,006	0,035	FALSE
0,058	0,320	0,001	0,007	0,059	FALSE
0,014	0,309	0,001	0,012	0,019	FALSE
-0,130	0,312	-0,005	0,011	0,179	FALSE
0,016	0,310	0,000	0,009	0,010	FALSE
-0,049	0,318	-0,002	0,012	0,067	FALSE
0,013	0,298	0,001	0,009	0,028	FALSE
0,007	0,308	0,001	0,010	0,020	FALSE
0,053	0,284	0,003	0,010	0,107	FALSE
-0,006	0,312	0,000	0,012	0,011	FALSE
-0,028	0,296	0,000	0,006	0,003	FALSE
0,093	0,298	0,002	0,007	0,097	FALSE
-0,061	0,308	-0,002	0,008	0,118	FALSE
0,075	0,298	0,003	0,011	0,091	FALSE
0,012	0,304	0,000	0,013	0,004	FALSE
-0,099	0,301	-0,003	0,008	0,146	FALSE
0,079	0,293	0,002	0,010	0,065	FALSE
-0,001	0,310	-0,001	0,009	0,020	FALSE
0,142	0,294	0,004	0,011	0,157	FALSE
-0,014	0,312	0,000	0,006	0,012	FALSE
0,142	0,298	0,003	0,007	0,166	FALSE
-0,072	0,306	-0,002	0,010	0,071	FALSE
-0,075	0,301	-0,001	0,009	0,042	FALSE
-0,072	0,302	-0,002	0,008	0,068	FALSE
0,022	0,313	0,001	0,012	0,024	FALSE
0,051	0,324	0,001	0,013	0,036	FALSE
0,043	0,299	0,001	0,013	0,040	FALSE
0,026	0,297	0,000	0,012	0,013	FALSE
-0,111	0,293	-0,003	0,008	0,166	FALSE
0,110	0,309	0,003	0,009	0,136	FALSE
0,027	0,303	0,001	0,006	0,036	FALSE
-0,029	0,311	-0,001	0,006	0,038	FALSE
-0,043	0,309	-0,001	0,010	0,047	FALSE
-0,060	0,315	-0,002	0,010	0,076	FALSE
0,031	0,312	0,000	0,006	0,010	FALSE
-0,077	0,308	-0,002	0,008	0,111	FALSE
0,040	0,306	0,000	0,007	0,017	FALSE
0,099	0,302	0,003	0,007	0,163	FALSE
-0,039	0,318	-0,001	0,007	0,029	FALSE
0,027	0,303	0,001	0,013	0,020	FALSE

0,024	0,292	0,001	0,013	0,034	FALSE
-0,029	0,303	-0,001	0,012	0,029	FALSE
-0,016	0,306	-0,001	0,012	0,017	FALSE
-0,046	0,313	-0,002	0,013	0,056	FALSE
0,210	0,298	0,009	0,011	0,357	FALSE
0,260	0,303	0,011	0,012	0,435	FALSE
-0,023	0,305	0,000	0,008	0,020	FALSE
-0,049	0,299	-0,001	0,008	0,061	FALSE
-0,070	0,293	-0,004	0,012	0,129	FALSE
0,058	0,315	0,001	0,007	0,081	FALSE
0,104	0,309	0,004	0,011	0,136	FALSE
0,071	0,304	0,002	0,012	0,065	FALSE
0,023	0,311	0,000	0,011	0,005	FALSE
0,207	0,288	0,006	0,009	0,312	FALSE
-0,085	0,311	-0,003	0,011	0,100	FALSE
0,102	0,308	0,004	0,010	0,160	FALSE
0,050	0,306	0,001	0,007	0,066	FALSE
-0,122	0,296	-0,005	0,011	0,196	FALSE
-0,122	0,299	-0,003	0,008	0,150	FALSE
0,011	0,313	0,000	0,006	0,008	FALSE
0,045	0,314	0,001	0,009	0,061	FALSE
0,138	0,315	0,005	0,010	0,198	FALSE
0,076	0,303	0,002	0,007	0,111	FALSE
-0,192	0,300	-0,006	0,010	0,262	FALSE
0,025	0,319	0,001	0,007	0,038	FALSE
-0,013	0,301	0,000	0,006	0,015	FALSE
0,101	0,297	0,003	0,007	0,178	FALSE
-0,022	0,307	-0,001	0,007	0,043	FALSE
-0,003	0,303	0,000	0,006	0,015	FALSE
0,045	0,311	0,003	0,013	0,080	FALSE
0,005	0,318	0,000	0,013	0,005	FALSE
-0,063	0,303	-0,002	0,008	0,067	FALSE
-0,064	0,321	-0,003	0,012	0,104	FALSE
-0,014	0,305	0,000	0,006	0,024	FALSE
-0,041	0,307	-0,001	0,008	0,023	FALSE
-0,107	0,286	-0,004	0,012	0,137	FALSE
-0,039	0,300	-0,001	0,010	0,049	FALSE
-0,067	0,306	-0,001	0,010	0,047	FALSE
-0,229	0,291	-0,008	0,010	0,356	FALSE
0,080	0,304	0,001	0,007	0,072	FALSE
0,013	0,308	0,001	0,006	0,033	FALSE
-0,087	0,291	-0,002	0,007	0,104	FALSE
0,102	0,293	0,002	0,006	0,139	FALSE
0,139	0,304	0,003	0,007	0,203	FALSE
0,030	0,320	0,001	0,012	0,042	FALSE
-0,076	0,304	-0,002	0,006	0,096	FALSE
-0,105	0,298	-0,005	0,013	0,146	FALSE
0,051	0,300	0,001	0,008	0,047	FALSE
0,082	0,298	0,003	0,013	0,074	FALSE
0,032	0,315	0,000	0,007	0,013	FALSE
-0,129	0,291	-0,005	0,009	0,219	FALSE
0,048	0,309	0,001	0,009	0,048	FALSE
-0,050	0,298	-0,001	0,008	0,056	FALSE

0,028	0,323	0,000	0,009	0,006	FALSE
-0,009	0,302	0,000	0,012	0,007	FALSE
0,131	0,293	0,003	0,007	0,177	FALSE
-0,101	0,305	-0,002	0,007	0,118	FALSE
-0,057	0,298	-0,001	0,006	0,047	FALSE
0,077	0,310	0,004	0,012	0,130	FALSE
-0,136	0,304	-0,003	0,007	0,181	FALSE
0,013	0,306	0,000	0,012	0,009	FALSE
0,028	0,305	0,002	0,011	0,054	FALSE
0,023	0,313	0,001	0,009	0,053	FALSE
-0,045	0,298	-0,002	0,011	0,059	FALSE
-0,077	0,314	-0,002	0,009	0,077	FALSE
-0,007	0,319	0,000	0,007	0,010	FALSE
0,043	0,303	0,001	0,008	0,034	FALSE
0,135	0,310	0,004	0,011	0,161	FALSE
0,201	0,298	0,006	0,010	0,265	FALSE
0,000	0,290	0,000	0,008	0,018	FALSE
0,030	0,292	0,002	0,010	0,057	FALSE
0,022	0,303	0,000	0,011	0,005	FALSE
-0,043	0,311	-0,001	0,009	0,059	FALSE
-0,025	0,299	-0,001	0,008	0,055	FALSE
0,025	0,311	0,001	0,010	0,054	FALSE
-0,051	0,315	-0,002	0,010	0,075	FALSE
-0,118	0,309	-0,005	0,013	0,161	FALSE
0,074	0,314	0,003	0,010	0,099	FALSE
-0,054	0,319	-0,002	0,008	0,077	FALSE
0,084	0,293	0,005	0,012	0,157	FALSE
0,002	0,311	0,001	0,009	0,045	FALSE
-0,051	0,307	-0,001	0,008	0,024	FALSE
0,024	0,304	0,001	0,011	0,031	FALSE
-0,141	0,295	-0,004	0,007	0,215	FALSE
-0,043	0,312	-0,001	0,010	0,030	FALSE
-0,052	0,313	0,000	0,007	0,023	FALSE
0,067	0,300	0,002	0,011	0,077	FALSE
0,074	0,319	0,003	0,013	0,095	FALSE
0,010	0,311	0,000	0,008	0,015	FALSE
-0,037	0,302	-0,001	0,012	0,036	FALSE
-0,035	0,305	-0,001	0,012	0,028	FALSE
0,077	0,297	0,001	0,007	0,073	FALSE
-0,060	0,308	-0,001	0,007	0,070	FALSE
0,003	0,305	0,000	0,007	0,011	FALSE
-0,041	0,301	-0,001	0,006	0,051	FALSE
0,025	0,297	0,000	0,012	0,004	FALSE
0,120	0,318	0,003	0,008	0,157	FALSE
-0,116	0,301	-0,004	0,011	0,162	FALSE
0,037	0,317	0,001	0,012	0,032	FALSE
-0,065	0,317	-0,001	0,007	0,074	FALSE
0,073	0,307	0,002	0,006	0,102	FALSE
0,106	0,296	0,004	0,012	0,137	FALSE
0,159	0,294	0,006	0,011	0,226	FALSE
0,059	0,302	0,002	0,010	0,067	FALSE
-0,042	0,317	-0,001	0,009	0,044	FALSE
-0,014	0,305	-0,001	0,010	0,030	FALSE

0,007	0,303	0,000	0,011	0,000	FALSE
-0,049	0,298	-0,001	0,006	0,041	FALSE
0,113	0,289	0,004	0,009	0,174	FALSE
0,132	0,303	0,005	0,012	0,183	FALSE
0,063	0,307	0,002	0,008	0,074	FALSE
-0,006	0,311	-0,001	0,011	0,018	FALSE
-0,047	0,302	-0,002	0,007	0,079	FALSE
0,089	0,301	0,003	0,009	0,157	FALSE
-0,022	0,306	0,000	0,009	0,015	FALSE
0,132	0,303	0,004	0,011	0,169	FALSE
0,215	0,299	0,009	0,013	0,330	FALSE
0,043	0,300	0,002	0,010	0,057	FALSE
0,032	0,298	0,002	0,012	0,048	FALSE
-0,097	0,321	-0,004	0,013	0,121	FALSE
0,031	0,287	0,000	0,012	0,008	FALSE
0,006	0,315	0,000	0,010	0,007	FALSE
-0,016	0,319	0,000	0,011	0,003	FALSE
0,034	0,307	0,001	0,009	0,045	FALSE
-0,054	0,289	-0,001	0,006	0,067	FALSE
-0,082	0,312	-0,002	0,008	0,079	FALSE
-0,071	0,292	-0,003	0,011	0,107	FALSE
-0,003	0,322	0,001	0,012	0,017	FALSE
0,023	0,301	0,000	0,006	0,022	FALSE
0,011	0,311	0,000	0,007	0,025	FALSE
0,079	0,296	0,002	0,007	0,128	FALSE
-0,019	0,306	-0,001	0,006	0,047	FALSE
-0,008	0,311	-0,001	0,007	0,029	FALSE
0,084	0,297	0,004	0,011	0,131	FALSE
0,063	0,298	0,003	0,010	0,098	FALSE
0,181	0,301	0,004	0,007	0,256	FALSE
-0,079	0,307	-0,003	0,011	0,116	FALSE
0,066	0,304	0,002	0,007	0,124	FALSE
-0,090	0,304	-0,001	0,008	0,055	FALSE
-0,030	0,315	0,000	0,007	0,004	FALSE
-0,068	0,306	-0,001	0,007	0,039	FALSE
-0,038	0,309	0,000	0,007	0,004	FALSE
-0,045	0,307	0,000	0,007	0,012	FALSE
0,099	0,283	0,002	0,008	0,126	FALSE
-0,001	0,311	0,001	0,012	0,044	FALSE
-0,073	0,306	-0,003	0,012	0,115	FALSE
-0,068	0,292	-0,001	0,007	0,034	FALSE
0,097	0,307	0,003	0,010	0,121	FALSE
0,022	0,302	0,001	0,009	0,041	FALSE
0,019	0,313	0,001	0,009	0,044	FALSE
-0,037	0,300	-0,001	0,013	0,038	FALSE
0,051	0,303	0,003	0,011	0,108	FALSE
-0,082	0,313	-0,002	0,006	0,119	FALSE
-0,029	0,298	0,000	0,010	0,008	FALSE
-0,029	0,307	0,000	0,010	0,002	FALSE
-0,019	0,293	0,000	0,010	0,015	FALSE
-0,014	0,305	-0,001	0,012	0,035	FALSE
-0,015	0,297	0,000	0,007	0,007	FALSE
0,007	0,311	0,000	0,008	0,000	FALSE

-0,099	0,306	-0,003	0,008	0,143	FALSE
0,018	0,313	0,001	0,007	0,062	FALSE
0,083	0,300	0,002	0,009	0,095	FALSE
0,037	0,300	0,001	0,009	0,024	FALSE
0,017	0,313	0,001	0,007	0,029	FALSE
-0,237	0,301	-0,006	0,008	0,333	FALSE
0,008	0,314	0,000	0,010	0,003	FALSE
-0,017	0,303	0,000	0,008	0,010	FALSE
0,106	0,312	0,004	0,010	0,145	FALSE
0,064	0,313	0,001	0,007	0,056	FALSE
0,060	0,305	0,002	0,012	0,058	FALSE
0,123	0,283	0,004	0,008	0,225	FALSE
-0,106	0,308	-0,004	0,011	0,162	FALSE
-0,085	0,300	-0,004	0,011	0,131	FALSE
-0,121	0,307	-0,005	0,011	0,190	FALSE
0,087	0,300	0,004	0,011	0,126	FALSE
-0,113	0,295	-0,005	0,011	0,183	FALSE
0,000	0,299	0,000	0,009	0,004	FALSE
-0,076	0,299	-0,001	0,006	0,076	FALSE
-0,017	0,299	-0,001	0,010	0,051	FALSE
0,067	0,320	0,001	0,008	0,063	FALSE
0,009	0,301	0,001	0,009	0,027	FALSE
0,074	0,310	0,003	0,011	0,101	FALSE
-0,063	0,317	-0,003	0,012	0,091	FALSE
-0,060	0,317	-0,002	0,012	0,064	FALSE
0,021	0,311	0,001	0,013	0,022	FALSE
0,021	0,297	0,002	0,012	0,049	FALSE
0,062	0,294	0,004	0,012	0,110	FALSE
-0,031	0,318	0,000	0,007	0,014	FALSE
-0,041	0,310	-0,001	0,011	0,042	FALSE
-0,048	0,317	-0,001	0,008	0,066	FALSE
0,069	0,315	0,001	0,006	0,085	FALSE
0,077	0,316	0,002	0,011	0,071	FALSE
0,100	0,307	0,003	0,012	0,090	FALSE
0,092	0,315	0,002	0,009	0,099	FALSE
0,118	0,304	0,004	0,012	0,125	FALSE
0,055	0,311	0,002	0,007	0,103	FALSE
-0,125	0,312	-0,004	0,011	0,132	FALSE
0,084	0,295	0,001	0,007	0,069	FALSE
0,003	0,296	0,001	0,006	0,046	FALSE
-0,106	0,301	-0,005	0,013	0,156	FALSE
-0,064	0,317	-0,003	0,013	0,101	FALSE
0,020	0,311	0,001	0,008	0,029	FALSE
0,036	0,303	0,001	0,012	0,045	FALSE
0,035	0,299	0,002	0,012	0,078	FALSE
-0,090	0,310	-0,004	0,013	0,142	FALSE
0,056	0,296	0,002	0,008	0,081	FALSE
0,129	0,305	0,004	0,008	0,194	FALSE
0,085	0,320	0,003	0,010	0,107	FALSE
0,057	0,298	0,003	0,011	0,120	FALSE
0,012	0,312	0,000	0,012	0,008	FALSE
-0,062	0,304	-0,001	0,008	0,060	FALSE
-0,089	0,300	-0,003	0,009	0,134	FALSE

-0,016	0,295	-0,001	0,009	0,033	FALSE
-0,052	0,296	-0,002	0,009	0,068	FALSE
-0,114	0,296	-0,003	0,010	0,134	FALSE
0,082	0,302	0,003	0,011	0,095	FALSE
-0,069	0,325	-0,004	0,013	0,106	FALSE
0,025	0,311	0,000	0,006	0,025	FALSE
-0,160	0,297	-0,005	0,010	0,217	FALSE
-0,031	0,296	-0,002	0,010	0,075	FALSE
-0,048	0,315	-0,002	0,010	0,059	FALSE
0,001	0,314	0,000	0,012	0,005	FALSE
-0,015	0,288	-0,001	0,011	0,017	FALSE
0,006	0,315	0,000	0,012	0,005	FALSE
-0,035	0,304	-0,002	0,010	0,089	FALSE
-0,045	0,303	-0,002	0,009	0,090	FALSE
0,019	0,306	0,000	0,008	0,011	FALSE
-0,075	0,311	-0,003	0,011	0,119	FALSE
0,019	0,305	0,000	0,007	0,021	FALSE
0,083	0,299	0,002	0,008	0,119	FALSE
-0,014	0,318	-0,001	0,007	0,031	FALSE
-0,114	0,305	-0,002	0,008	0,118	FALSE
-0,027	0,311	0,000	0,009	0,009	FALSE
-0,068	0,302	-0,001	0,008	0,053	FALSE
-0,019	0,298	0,000	0,008	0,002	FALSE
-0,022	0,307	0,000	0,008	0,005	FALSE
0,060	0,295	0,001	0,009	0,048	FALSE
0,031	0,310	-0,001	0,013	0,015	FALSE
0,005	0,291	0,002	0,011	0,051	FALSE
-0,052	0,321	-0,001	0,007	0,044	FALSE
0,086	0,298	0,002	0,008	0,128	FALSE
0,084	0,312	0,003	0,009	0,123	FALSE
-0,013	0,311	-0,001	0,008	0,056	FALSE
-0,036	0,308	-0,002	0,008	0,089	FALSE
-0,086	0,309	-0,003	0,009	0,135	FALSE
0,041	0,306	0,001	0,007	0,039	FALSE
-0,004	0,304	0,000	0,007	0,004	FALSE
0,005	0,305	0,000	0,009	0,002	FALSE
0,085	0,313	0,003	0,013	0,103	FALSE
0,075	0,312	0,003	0,013	0,083	FALSE
-0,067	0,322	-0,003	0,012	0,081	FALSE
-0,100	0,307	-0,003	0,008	0,166	FALSE
-0,097	0,302	-0,002	0,007	0,136	FALSE
0,029	0,309	0,001	0,011	0,048	FALSE
-0,045	0,319	-0,002	0,013	0,069	FALSE
-0,018	0,314	-0,001	0,009	0,038	FALSE
0,043	0,313	0,002	0,012	0,050	FALSE
0,072	0,300	0,003	0,012	0,100	FALSE
-0,070	0,318	-0,003	0,010	0,105	FALSE
0,028	0,296	0,001	0,012	0,046	FALSE
0,102	0,317	0,005	0,013	0,167	FALSE
-0,063	0,314	-0,002	0,008	0,077	FALSE
0,067	0,301	0,002	0,009	0,097	FALSE
-0,048	0,298	-0,002	0,012	0,055	FALSE
0,042	0,285	0,001	0,006	0,044	FALSE

0,059	0,315	0,002	0,008	0,091	FALSE
-0,030	0,316	0,000	0,007	0,009	FALSE
0,055	0,314	0,002	0,010	0,092	FALSE
0,106	0,309	0,003	0,011	0,124	FALSE
0,053	0,290	0,002	0,008	0,081	FALSE
0,023	0,293	0,002	0,012	0,055	FALSE
-0,102	0,301	-0,003	0,012	0,100	FALSE
-0,028	0,289	-0,001	0,012	0,019	FALSE
-0,031	0,298	0,000	0,008	0,007	FALSE
-0,016	0,302	-0,001	0,009	0,034	FALSE
-0,062	0,301	-0,003	0,012	0,115	FALSE
-0,083	0,303	-0,003	0,011	0,097	FALSE
-0,034	0,317	-0,001	0,007	0,057	FALSE
-0,021	0,309	-0,001	0,010	0,022	FALSE
-0,010	0,314	-0,001	0,010	0,036	FALSE
-0,046	0,304	-0,003	0,012	0,099	FALSE
-0,018	0,313	-0,002	0,013	0,045	FALSE
0,149	0,282	0,004	0,009	0,213	FALSE
-0,114	0,304	-0,005	0,011	0,175	FALSE
-0,043	0,298	-0,002	0,011	0,069	FALSE
0,010	0,299	0,001	0,012	0,034	FALSE
0,011	0,299	0,000	0,012	0,013	FALSE
-0,061	0,306	-0,003	0,013	0,076	FALSE
0,141	0,298	0,003	0,008	0,157	FALSE
-0,013	0,307	0,000	0,006	0,012	FALSE
0,050	0,320	0,002	0,008	0,087	FALSE
0,035	0,300	0,001	0,007	0,061	FALSE
0,059	0,316	0,002	0,008	0,089	FALSE
0,116	0,300	0,004	0,010	0,174	FALSE
0,142	0,305	0,005	0,010	0,206	FALSE
0,055	0,314	0,001	0,007	0,068	FALSE
0,003	0,307	0,000	0,012	0,005	FALSE
-0,010	0,303	0,000	0,008	0,001	FALSE
0,020	0,311	0,000	0,007	0,010	FALSE
0,134	0,288	0,005	0,009	0,249	FALSE
0,094	0,310	0,004	0,012	0,137	FALSE
0,099	0,311	0,005	0,013	0,148	FALSE
0,027	0,313	0,001	0,009	0,040	FALSE
0,116	0,286	0,002	0,006	0,141	FALSE
0,080	0,295	0,002	0,006	0,095	FALSE
-0,007	0,310	0,000	0,007	0,024	FALSE
-0,032	0,320	-0,001	0,010	0,038	FALSE
-0,094	0,313	-0,003	0,010	0,134	FALSE
0,045	0,297	0,002	0,012	0,080	FALSE
0,061	0,299	0,002	0,007	0,125	FALSE
0,003	0,308	0,001	0,012	0,023	FALSE
-0,138	0,322	-0,003	0,008	0,156	FALSE
-0,036	0,306	-0,002	0,012	0,049	FALSE
-0,021	0,317	-0,001	0,012	0,019	FALSE
-0,027	0,311	-0,001	0,008	0,037	FALSE
-0,112	0,312	-0,002	0,008	0,108	FALSE
0,018	0,308	0,000	0,009	0,003	FALSE
-0,041	0,302	-0,001	0,006	0,044	FALSE

-0,044	0,299	-0,001	0,010	0,035	FALSE
0,198	0,306	0,008	0,012	0,300	FALSE
-0,105	0,303	-0,003	0,010	0,117	FALSE
0,025	0,307	0,001	0,007	0,060	FALSE
-0,076	0,281	-0,002	0,010	0,077	FALSE
-0,048	0,308	0,000	0,009	0,020	FALSE
0,043	0,312	0,002	0,013	0,055	FALSE
0,014	0,318	0,000	0,007	0,021	FALSE
0,020	0,306	0,001	0,006	0,036	FALSE
0,005	0,309	0,000	0,006	0,018	FALSE
0,124	0,310	0,005	0,013	0,166	FALSE
0,200	0,285	0,008	0,011	0,338	FALSE
-0,160	0,300	-0,007	0,012	0,256	FALSE
0,010	0,317	0,000	0,011	0,011	FALSE
-0,098	0,303	-0,003	0,007	0,155	FALSE
-0,042	0,303	-0,001	0,010	0,033	FALSE
-0,116	0,305	-0,002	0,008	0,120	FALSE
0,063	0,301	0,001	0,006	0,070	FALSE
0,027	0,301	0,001	0,010	0,028	FALSE
0,062	0,300	0,003	0,009	0,110	FALSE
-0,042	0,302	-0,002	0,009	0,077	FALSE
0,119	0,319	0,005	0,012	0,146	FALSE
0,093	0,307	0,004	0,012	0,135	FALSE
0,018	0,307	0,000	0,012	0,013	FALSE
-0,040	0,308	-0,002	0,012	0,065	FALSE
-0,012	0,293	0,000	0,007	0,007	FALSE
0,093	0,294	0,003	0,009	0,120	FALSE
-0,072	0,319	-0,003	0,010	0,102	FALSE
0,024	0,307	0,001	0,007	0,046	FALSE
0,042	0,312	0,001	0,007	0,048	FALSE
-0,075	0,307	-0,003	0,011	0,116	FALSE
0,101	0,292	0,004	0,009	0,168	FALSE
-0,016	0,304	0,000	0,009	0,004	FALSE
-0,161	0,299	-0,006	0,012	0,203	FALSE
0,021	0,309	0,001	0,011	0,017	FALSE
0,006	0,308	0,000	0,011	0,008	FALSE
-0,016	0,302	0,000	0,006	0,002	FALSE
0,019	0,309	0,001	0,011	0,029	FALSE
-0,005	0,309	-0,001	0,007	0,034	FALSE
-0,043	0,311	-0,001	0,011	0,032	FALSE
0,065	0,297	0,003	0,008	0,133	FALSE
-0,137	0,305	-0,004	0,009	0,155	FALSE
0,014	0,296	0,001	0,007	0,047	FALSE
0,034	0,305	0,001	0,012	0,030	FALSE
-0,070	0,299	-0,001	0,009	0,055	FALSE
-0,079	0,294	-0,002	0,007	0,098	FALSE
0,123	0,311	0,003	0,007	0,165	FALSE
0,097	0,307	0,003	0,011	0,093	FALSE
-0,007	0,306	0,000	0,006	0,011	FALSE
-0,068	0,308	-0,002	0,008	0,101	FALSE
-0,077	0,327	-0,002	0,008	0,086	FALSE
0,064	0,309	0,001	0,006	0,067	FALSE
-0,119	0,310	-0,005	0,013	0,173	FALSE

0,056	0,295	0,001	0,008	0,040	FALSE
0,009	0,325	0,000	0,007	0,012	FALSE
0,122	0,290	0,006	0,012	0,206	FALSE
-0,061	0,321	-0,003	0,013	0,092	FALSE
-0,316	0,287	-0,014	0,013	0,539	FALSE
-0,055	0,302	-0,002	0,009	0,067	FALSE
-0,040	0,306	-0,002	0,012	0,055	FALSE
0,097	0,297	0,003	0,012	0,110	FALSE
-0,068	0,305	-0,003	0,010	0,092	FALSE
-0,085	0,309	-0,002	0,010	0,091	FALSE
-0,034	0,327	-0,001	0,008	0,027	FALSE
0,046	0,317	0,001	0,013	0,029	FALSE
0,054	0,318	0,001	0,007	0,071	FALSE
0,050	0,294	0,003	0,009	0,117	FALSE
0,171	0,305	0,003	0,007	0,221	FALSE
0,108	0,311	0,005	0,013	0,141	FALSE
0,034	0,307	0,001	0,011	0,052	FALSE
-0,037	0,311	-0,001	0,006	0,065	FALSE
0,038	0,305	0,001	0,006	0,060	FALSE
-0,086	0,319	-0,004	0,013	0,129	FALSE
0,068	0,313	0,003	0,009	0,126	FALSE
0,016	0,309	0,000	0,007	0,014	FALSE
0,008	0,301	-0,001	0,013	0,022	FALSE
-0,055	0,308	-0,002	0,008	0,080	FALSE
-0,039	0,300	-0,001	0,011	0,051	FALSE
0,038	0,314	0,001	0,008	0,039	FALSE
0,027	0,315	0,001	0,010	0,043	FALSE
-0,002	0,303	-0,001	0,008	0,046	FALSE
0,034	0,305	0,001	0,007	0,069	FALSE
-0,134	0,310	-0,004	0,008	0,200	FALSE
0,076	0,306	0,003	0,008	0,122	FALSE
0,055	0,303	0,002	0,012	0,065	FALSE
0,041	0,304	0,002	0,012	0,056	FALSE
-0,103	0,309	-0,003	0,009	0,139	FALSE
0,132	0,309	0,002	0,007	0,126	FALSE
-0,035	0,299	-0,002	0,009	0,080	FALSE
-0,028	0,302	0,000	0,008	0,003	FALSE
-0,080	0,308	-0,001	0,006	0,075	FALSE
-0,019	0,313	-0,001	0,008	0,035	FALSE
0,013	0,315	0,001	0,012	0,027	FALSE
0,013	0,311	0,001	0,008	0,043	FALSE
0,092	0,302	0,002	0,008	0,113	FALSE
0,039	0,301	0,001	0,007	0,061	FALSE
0,074	0,305	0,002	0,009	0,079	FALSE
-0,072	0,311	-0,003	0,010	0,101	FALSE
0,079	0,297	0,002	0,007	0,131	FALSE
-0,034	0,302	-0,001	0,007	0,036	FALSE
-0,064	0,312	-0,003	0,009	0,123	FALSE
0,023	0,292	0,001	0,006	0,035	FALSE
-0,046	0,308	-0,001	0,007	0,051	FALSE
-0,056	0,309	-0,002	0,007	0,093	FALSE
-0,056	0,303	-0,002	0,008	0,088	FALSE
-0,014	0,314	-0,001	0,008	0,040	FALSE

0,038	0,296	0,002	0,012	0,061	FALSE
-0,171	0,300	-0,006	0,009	0,271	FALSE
-0,107	0,295	-0,002	0,006	0,125	FALSE
-0,183	0,300	-0,006	0,010	0,286	FALSE
-0,155	0,295	-0,006	0,012	0,232	FALSE
0,099	0,311	0,004	0,010	0,146	FALSE
0,023	0,291	0,001	0,006	0,046	FALSE
-0,029	0,313	-0,001	0,010	0,020	FALSE
0,122	0,304	0,005	0,012	0,163	FALSE
-0,135	0,304	-0,005	0,009	0,223	FALSE
-0,086	0,308	-0,002	0,006	0,138	FALSE
-0,083	0,300	-0,001	0,006	0,091	FALSE
-0,081	0,317	-0,002	0,007	0,086	FALSE
-0,094	0,299	-0,002	0,007	0,120	FALSE
-0,016	0,301	0,001	0,012	0,018	FALSE
-0,064	0,309	-0,002	0,007	0,094	FALSE
0,049	0,294	0,000	0,007	0,014	FALSE
0,025	0,313	0,000	0,012	0,001	FALSE
-0,088	0,304	-0,004	0,012	0,125	FALSE
-0,001	0,309	0,000	0,007	0,017	FALSE
-0,037	0,307	-0,001	0,006	0,035	FALSE
0,174	0,296	0,007	0,012	0,261	FALSE
0,142	0,306	0,006	0,012	0,224	FALSE
-0,070	0,308	-0,001	0,008	0,060	FALSE
-0,041	0,293	-0,001	0,008	0,047	FALSE
0,022	0,303	0,000	0,013	0,000	FALSE
-0,038	0,304	-0,001	0,008	0,028	FALSE
0,027	0,295	0,002	0,011	0,069	FALSE
0,032	0,323	0,002	0,009	0,061	FALSE
-0,120	0,306	-0,003	0,009	0,135	FALSE
-0,072	0,301	-0,002	0,009	0,105	FALSE
-0,126	0,308	-0,005	0,013	0,165	FALSE
0,051	0,305	0,000	0,009	0,012	FALSE
-0,058	0,314	-0,002	0,008	0,096	FALSE
-0,054	0,302	-0,001	0,007	0,049	FALSE
0,160	0,315	0,004	0,008	0,199	FALSE
0,012	0,306	0,000	0,007	0,013	FALSE
0,002	0,310	0,000	0,009	0,006	FALSE
-0,077	0,309	-0,002	0,009	0,112	FALSE
-0,025	0,317	-0,001	0,010	0,053	FALSE
-0,010	0,325	0,000	0,008	0,010	FALSE
-0,110	0,314	-0,002	0,008	0,128	FALSE
0,053	0,311	0,002	0,012	0,056	FALSE
0,072	0,299	0,003	0,011	0,098	FALSE
-0,091	0,296	-0,005	0,012	0,168	FALSE
-0,023	0,328	-0,001	0,011	0,024	FALSE
-0,099	0,294	-0,005	0,012	0,154	FALSE
-0,001	0,300	-0,001	0,011	0,028	FALSE
0,024	0,297	0,001	0,011	0,025	FALSE
0,064	0,293	0,001	0,010	0,055	FALSE
0,087	0,306	0,002	0,007	0,120	FALSE
-0,036	0,306	-0,002	0,012	0,065	FALSE
-0,058	0,294	-0,001	0,009	0,053	FALSE

0,019	0,315	0,001	0,008	0,025	FALSE
0,115	0,308	0,005	0,013	0,159	FALSE
-0,060	0,306	-0,002	0,009	0,098	FALSE
-0,056	0,291	-0,002	0,009	0,102	FALSE
0,070	0,313	0,001	0,007	0,037	FALSE
0,141	0,304	0,005	0,011	0,177	FALSE
-0,091	0,307	-0,002	0,007	0,125	FALSE
-0,079	0,303	-0,002	0,008	0,082	FALSE
0,123	0,310	0,003	0,008	0,172	FALSE
-0,108	0,313	-0,003	0,007	0,154	FALSE
0,123	0,301	0,003	0,008	0,160	FALSE
-0,150	0,311	-0,003	0,006	0,193	FALSE
-0,051	0,318	-0,002	0,008	0,074	FALSE
0,017	0,311	0,000	0,010	0,003	FALSE
-0,069	0,292	-0,002	0,007	0,080	FALSE
0,089	0,299	0,003	0,010	0,137	FALSE
0,032	0,301	0,001	0,012	0,042	FALSE
-0,036	0,294	-0,001	0,007	0,029	FALSE
-0,116	0,305	-0,003	0,007	0,180	FALSE
-0,186	0,297	-0,005	0,009	0,241	FALSE
-0,048	0,306	-0,001	0,007	0,054	FALSE
0,122	0,312	0,003	0,008	0,140	FALSE
0,063	0,324	0,002	0,013	0,048	TRUE
-0,024	0,317	0,000	0,007	0,022	FALSE
-0,003	0,306	0,001	0,011	0,025	FALSE
-0,097	0,305	-0,002	0,007	0,123	FALSE
-0,065	0,303	-0,003	0,012	0,083	FALSE
-0,016	0,292	0,000	0,006	0,009	FALSE
0,097	0,299	0,003	0,011	0,095	FALSE
0,001	0,302	0,000	0,007	0,005	FALSE
0,024	0,301	0,000	0,012	0,003	FALSE
0,028	0,315	0,001	0,007	0,046	FALSE
-0,060	0,320	-0,001	0,007	0,069	FALSE
-0,123	0,299	-0,003	0,007	0,201	FALSE
-0,039	0,308	0,000	0,007	0,023	FALSE
-0,098	0,317	-0,002	0,007	0,113	FALSE
0,072	0,310	0,002	0,007	0,096	FALSE
0,084	0,308	0,002	0,007	0,108	FALSE
0,085	0,299	0,003	0,010	0,121	FALSE
-0,014	0,316	0,000	0,008	0,021	FALSE
-0,006	0,298	0,000	0,006	0,002	FALSE
-0,095	0,310	-0,003	0,009	0,127	FALSE
-0,018	0,296	-0,001	0,012	0,031	FALSE
-0,047	0,297	-0,002	0,010	0,062	FALSE
0,018	0,304	0,000	0,009	0,004	FALSE
-0,004	0,296	0,000	0,012	0,009	FALSE
-0,075	0,296	-0,003	0,011	0,092	FALSE
0,048	0,315	0,002	0,010	0,068	FALSE
0,130	0,295	0,005	0,012	0,173	FALSE
0,027	0,288	0,000	0,007	0,003	FALSE
0,053	0,311	0,002	0,012	0,063	FALSE
0,002	0,299	0,000	0,007	0,020	FALSE
0,028	0,310	0,001	0,007	0,053	FALSE

-0,034	0,313	-0,001	0,007	0,027	FALSE
0,132	0,309	0,006	0,012	0,198	FALSE
0,007	0,297	0,000	0,007	0,011	FALSE
-0,166	0,312	-0,004	0,007	0,230	FALSE
-0,039	0,308	-0,002	0,012	0,077	FALSE
-0,054	0,304	-0,002	0,011	0,062	FALSE
-0,105	0,306	-0,002	0,007	0,124	FALSE
0,095	0,323	0,002	0,006	0,100	FALSE
0,054	0,299	0,002	0,008	0,084	FALSE
0,049	0,304	0,002	0,009	0,074	FALSE
0,020	0,304	0,000	0,010	0,008	FALSE
-0,008	0,301	0,000	0,010	0,016	FALSE
0,063	0,310	0,002	0,012	0,067	FALSE
-0,003	0,307	0,000	0,010	0,002	FALSE
-0,106	0,318	-0,002	0,007	0,146	FALSE
-0,086	0,315	-0,003	0,012	0,092	FALSE
0,040	0,304	0,001	0,009	0,054	FALSE
-0,001	0,307	0,000	0,007	0,003	FALSE
-0,040	0,307	-0,001	0,006	0,071	FALSE
0,035	0,309	0,001	0,012	0,042	FALSE
-0,056	0,297	-0,002	0,010	0,065	FALSE
-0,041	0,302	-0,001	0,009	0,040	FALSE
0,028	0,311	0,001	0,010	0,048	FALSE
0,055	0,307	0,002	0,010	0,081	FALSE
0,001	0,318	0,000	0,008	0,016	FALSE
0,042	0,313	0,001	0,007	0,045	FALSE
0,070	0,310	0,003	0,011	0,093	FALSE
-0,047	0,298	-0,002	0,012	0,063	FALSE
0,013	0,289	0,000	0,007	0,017	FALSE
0,025	0,313	0,001	0,008	0,038	FALSE
0,152	0,300	0,005	0,010	0,208	FALSE
-0,099	0,301	-0,005	0,012	0,165	FALSE
0,081	0,304	0,003	0,010	0,112	FALSE
0,088	0,303	0,003	0,009	0,141	FALSE
0,108	0,306	0,003	0,009	0,137	FALSE
0,040	0,306	0,001	0,009	0,034	FALSE
-0,120	0,288	-0,004	0,012	0,126	FALSE
-0,122	0,312	-0,004	0,009	0,170	FALSE
-0,113	0,304	-0,003	0,008	0,156	FALSE
-0,086	0,300	-0,003	0,008	0,123	FALSE
-0,026	0,295	0,000	0,007	0,023	FALSE
-0,111	0,293	-0,003	0,008	0,159	FALSE
-0,084	0,312	-0,003	0,008	0,118	FALSE
0,046	0,301	0,001	0,011	0,039	FALSE
0,030	0,303	0,002	0,012	0,061	FALSE
-0,044	0,323	-0,002	0,010	0,069	FALSE
-0,023	0,302	0,000	0,012	0,011	FALSE
-0,017	0,312	0,000	0,010	0,004	FALSE
0,019	0,298	0,000	0,011	0,007	FALSE
0,056	0,304	0,002	0,007	0,098	FALSE
0,053	0,310	0,002	0,009	0,074	FALSE
0,041	0,295	0,001	0,009	0,027	FALSE
0,045	0,304	0,002	0,009	0,095	FALSE

-0,052	0,317	-0,002	0,012	0,046	FALSE
-0,064	0,297	-0,001	0,007	0,075	FALSE
-0,041	0,301	-0,001	0,007	0,064	FALSE
-0,086	0,310	-0,002	0,009	0,087	FALSE
-0,040	0,309	-0,001	0,007	0,035	FALSE
-0,077	0,318	-0,001	0,007	0,066	FALSE
-0,060	0,320	-0,001	0,007	0,055	FALSE
-0,048	0,306	-0,001	0,012	0,026	FALSE
-0,084	0,283	-0,002	0,008	0,091	FALSE
-0,146	0,310	-0,003	0,007	0,161	FALSE
0,169	0,294	0,004	0,010	0,187	FALSE
0,107	0,297	0,003	0,013	0,106	FALSE
-0,004	0,319	0,000	0,007	0,014	FALSE
-0,114	0,310	-0,003	0,006	0,173	FALSE
-0,108	0,309	-0,004	0,009	0,185	FALSE
0,111	0,301	0,005	0,011	0,192	FALSE
-0,095	0,308	-0,004	0,010	0,155	FALSE
-0,042	0,310	-0,002	0,008	0,100	FALSE
-0,035	0,318	-0,001	0,013	0,031	FALSE
0,087	0,305	0,004	0,011	0,137	FALSE
0,196	0,294	0,010	0,013	0,369	FALSE
-0,060	0,308	-0,002	0,009	0,081	FALSE
0,105	0,312	0,002	0,006	0,139	FALSE
0,139	0,312	0,003	0,006	0,193	FALSE
0,006	0,293	-0,001	0,010	0,044	FALSE
-0,030	0,292	-0,002	0,010	0,060	FALSE
-0,025	0,295	-0,002	0,010	0,057	FALSE
0,027	0,306	0,002	0,010	0,054	FALSE
-0,004	0,311	0,000	0,008	0,013	FALSE
-0,165	0,302	-0,004	0,008	0,248	FALSE
-0,126	0,285	-0,004	0,009	0,214	FALSE
0,068	0,297	0,001	0,007	0,069	FALSE
0,068	0,298	0,001	0,007	0,061	FALSE
0,030	0,307	0,000	0,009	0,016	FALSE
0,037	0,309	0,001	0,012	0,040	FALSE
0,125	0,308	0,003	0,007	0,164	FALSE
0,112	0,310	0,002	0,007	0,137	FALSE
0,107	0,304	0,003	0,006	0,173	FALSE
0,031	0,304	0,002	0,012	0,057	FALSE
0,011	0,312	0,001	0,013	0,021	FALSE
-0,110	0,294	-0,002	0,006	0,146	FALSE
0,063	0,315	0,002	0,012	0,075	FALSE
0,024	0,296	0,000	0,008	0,010	FALSE
-0,010	0,314	0,000	0,010	0,008	FALSE
-0,176	0,288	-0,004	0,007	0,248	FALSE
-0,075	0,314	-0,002	0,012	0,074	FALSE
-0,041	0,316	-0,001	0,009	0,023	FALSE
-0,138	0,307	-0,005	0,011	0,191	FALSE
-0,144	0,299	-0,005	0,010	0,189	FALSE
-0,004	0,304	0,000	0,006	0,001	FALSE
-0,059	0,320	-0,003	0,013	0,076	FALSE
-0,059	0,307	-0,002	0,012	0,047	FALSE
0,003	0,312	0,000	0,011	0,002	FALSE

-0,067	0,318	-0,002	0,008	0,108	FALSE
0,026	0,288	0,001	0,007	0,075	FALSE
0,043	0,303	0,002	0,007	0,105	FALSE
0,023	0,315	0,001	0,007	0,047	FALSE
-0,106	0,321	-0,004	0,010	0,149	FALSE
0,065	0,304	0,002	0,008	0,082	FALSE
0,057	0,308	0,002	0,009	0,078	FALSE
-0,090	0,313	-0,002	0,008	0,099	FALSE
0,099	0,283	0,003	0,008	0,138	FALSE
-0,022	0,314	-0,001	0,013	0,018	FALSE
0,044	0,316	0,002	0,013	0,057	FALSE
0,067	0,318	0,002	0,013	0,073	FALSE
0,046	0,308	0,002	0,012	0,067	FALSE
0,057	0,306	0,003	0,012	0,084	FALSE
0,052	0,313	0,002	0,013	0,055	FALSE
0,062	0,317	0,002	0,013	0,066	FALSE
0,056	0,320	0,002	0,013	0,065	FALSE
-0,014	0,297	0,000	0,006	0,025	FALSE
0,024	0,303	0,001	0,009	0,030	FALSE
-0,027	0,297	-0,001	0,012	0,021	FALSE
-0,076	0,304	-0,002	0,007	0,113	FALSE
0,075	0,288	0,002	0,006	0,115	FALSE
-0,015	0,329	-0,001	0,013	0,017	FALSE
0,002	0,310	0,000	0,012	0,009	FALSE
-0,047	0,304	-0,002	0,011	0,077	FALSE
-0,042	0,312	-0,001	0,008	0,044	FALSE
0,051	0,307	0,002	0,008	0,068	FALSE
-0,076	0,303	-0,002	0,010	0,060	FALSE
0,137	0,306	0,004	0,008	0,191	FALSE
0,010	0,308	0,000	0,012	0,007	FALSE
-0,029	0,311	-0,001	0,012	0,035	FALSE
-0,033	0,308	-0,001	0,012	0,034	FALSE
0,009	0,322	0,000	0,013	0,013	FALSE
0,019	0,302	0,001	0,012	0,017	FALSE
0,000	0,329	0,000	0,013	0,007	FALSE
0,007	0,327	0,000	0,013	0,003	FALSE
-0,027	0,320	-0,001	0,013	0,031	FALSE
-0,004	0,328	0,000	0,013	0,005	FALSE
0,019	0,327	0,001	0,013	0,029	FALSE
0,021	0,307	0,001	0,012	0,034	FALSE
-0,008	0,304	0,000	0,013	0,007	FALSE
0,000	0,319	0,000	0,013	0,001	FALSE
0,021	0,328	0,001	0,013	0,017	FALSE
0,158	0,293	0,007	0,012	0,254	FALSE
0,108	0,297	0,005	0,012	0,162	FALSE
-0,044	0,315	-0,002	0,013	0,063	FALSE
0,018	0,314	0,001	0,013	0,022	FALSE
-0,086	0,311	-0,002	0,008	0,104	FALSE
0,049	0,307	0,002	0,010	0,094	FALSE
-0,052	0,293	-0,001	0,006	0,052	FALSE
0,052	0,300	0,002	0,012	0,055	FALSE
0,161	0,297	0,006	0,011	0,223	FALSE
-0,012	0,326	0,000	0,013	0,012	FALSE

-0,009	0,319	0,000	0,013	0,006	FALSE
-0,023	0,316	-0,001	0,013	0,021	FALSE
-0,011	0,331	0,000	0,013	0,012	FALSE
0,005	0,332	0,000	0,013	0,006	FALSE
-0,089	0,297	-0,003	0,010	0,136	FALSE
0,152	0,288	0,007	0,011	0,267	FALSE
-0,007	0,303	0,000	0,012	0,010	FALSE
0,035	0,300	0,001	0,009	0,023	FALSE
0,011	0,313	0,000	0,009	0,019	FALSE
0,014	0,298	0,001	0,007	0,034	FALSE
0,020	0,320	0,000	0,011	0,011	FALSE
-0,099	0,315	-0,004	0,012	0,124	FALSE
0,155	0,315	0,004	0,009	0,219	FALSE
-0,041	0,302	-0,001	0,007	0,037	FALSE
0,036	0,294	0,001	0,006	0,078	FALSE
0,014	0,303	0,001	0,007	0,046	FALSE
-0,045	0,289	-0,001	0,006	0,033	FALSE
0,104	0,303	0,004	0,011	0,143	FALSE
0,029	0,322	0,001	0,010	0,020	FALSE
0,080	0,313	0,002	0,010	0,085	FALSE
0,038	0,301	0,001	0,009	0,028	FALSE
0,004	0,313	0,000	0,007	0,014	FALSE
-0,017	0,314	0,000	0,008	0,013	FALSE
0,069	0,307	0,002	0,010	0,076	FALSE
-0,060	0,302	-0,001	0,007	0,059	FALSE
-0,033	0,309	-0,001	0,007	0,042	FALSE
-0,045	0,302	-0,001	0,008	0,058	FALSE
-0,012	0,319	0,000	0,008	0,002	FALSE
0,047	0,302	0,001	0,009	0,037	FALSE
0,043	0,306	0,001	0,007	0,037	FALSE
-0,019	0,314	-0,001	0,010	0,037	FALSE
0,067	0,296	0,002	0,009	0,091	FALSE
0,130	0,297	0,004	0,009	0,175	FALSE
0,010	0,296	0,000	0,008	0,001	FALSE
0,029	0,320	0,001	0,009	0,026	FALSE
-0,004	0,302	0,000	0,006	0,024	FALSE
-0,013	0,305	0,000	0,007	0,021	FALSE
0,034	0,291	0,001	0,010	0,048	FALSE
0,042	0,297	0,001	0,011	0,048	FALSE
0,068	0,302	0,002	0,011	0,069	FALSE
0,065	0,306	0,002	0,011	0,056	FALSE
0,034	0,310	0,001	0,010	0,020	FALSE
-0,018	0,295	0,000	0,007	0,004	FALSE
0,017	0,299	0,000	0,007	0,016	FALSE
-0,029	0,308	-0,001	0,009	0,047	FALSE
0,004	0,320	0,000	0,008	0,015	FALSE
0,005	0,306	0,000	0,007	0,019	FALSE
-0,098	0,314	-0,004	0,011	0,145	FALSE
-0,083	0,307	-0,002	0,008	0,096	FALSE
-0,004	0,322	-0,001	0,007	0,033	FALSE
-0,013	0,311	-0,001	0,007	0,034	FALSE
-0,051	0,305	-0,002	0,012	0,069	FALSE
-0,044	0,293	-0,002	0,008	0,067	FALSE

-0,041	0,296	-0,002	0,011	0,056	FALSE
-0,055	0,299	-0,002	0,008	0,074	FALSE
0,023	0,295	0,001	0,009	0,032	FALSE
-0,100	0,300	-0,003	0,008	0,138	FALSE
-0,100	0,305	-0,003	0,008	0,136	FALSE
-0,102	0,283	-0,003	0,008	0,155	FALSE
-0,094	0,285	-0,003	0,008	0,141	FALSE
-0,083	0,299	-0,002	0,007	0,106	FALSE
0,041	0,301	0,001	0,006	0,057	FALSE
0,023	0,301	0,001	0,012	0,020	FALSE
-0,027	0,308	-0,001	0,012	0,032	FALSE
-0,021	0,308	-0,001	0,007	0,028	FALSE
0,096	0,300	0,002	0,007	0,122	FALSE
-0,003	0,298	-0,002	0,013	0,048	FALSE
0,036	0,297	0,001	0,008	0,029	FALSE
-0,027	0,317	-0,001	0,012	0,018	FALSE
0,088	0,312	0,002	0,009	0,092	FALSE
-0,007	0,311	-0,001	0,011	0,020	FALSE
-0,080	0,295	-0,004	0,012	0,124	FALSE
-0,103	0,312	-0,002	0,006	0,145	FALSE
-0,009	0,302	0,000	0,009	0,002	FALSE
-0,012	0,300	0,000	0,010	0,007	FALSE
-0,093	0,299	-0,002	0,006	0,137	FALSE
-0,092	0,306	-0,002	0,006	0,105	FALSE
0,152	0,290	0,007	0,012	0,246	FALSE
0,024	0,313	0,001	0,008	0,052	FALSE
-0,006	0,300	0,000	0,007	0,016	FALSE
0,133	0,289	0,005	0,012	0,186	FALSE
-0,095	0,302	-0,004	0,013	0,109	FALSE
-0,099	0,324	-0,003	0,012	0,108	FALSE
-0,177	0,298	-0,005	0,009	0,250	FALSE
-0,075	0,299	-0,002	0,009	0,076	FALSE
-0,043	0,298	-0,002	0,009	0,072	FALSE
-0,020	0,295	-0,001	0,009	0,029	FALSE
0,006	0,305	0,000	0,009	0,015	FALSE
-0,071	0,305	-0,004	0,012	0,137	FALSE
-0,200	0,277	-0,004	0,007	0,296	FALSE
0,222	0,281	0,009	0,012	0,338	FALSE
0,214	0,285	0,009	0,012	0,322	FALSE
0,221	0,286	0,009	0,012	0,340	FALSE
-0,024	0,295	-0,001	0,011	0,027	FALSE
-0,023	0,293	-0,001	0,011	0,025	FALSE
0,132	0,308	0,006	0,012	0,202	FALSE
0,053	0,314	0,002	0,011	0,060	FALSE
-0,045	0,300	-0,001	0,009	0,063	FALSE
0,069	0,303	0,002	0,012	0,074	FALSE
-0,035	0,313	-0,002	0,010	0,065	FALSE
0,119	0,288	0,005	0,009	0,244	FALSE
0,033	0,299	0,001	0,009	0,059	FALSE
0,042	0,314	0,001	0,007	0,028	FALSE
-0,009	0,293	0,000	0,009	0,012	FALSE
0,003	0,296	0,001	0,009	0,029	FALSE
0,030	0,315	0,002	0,010	0,062	FALSE

0,025	0,304	0,001	0,009	0,022	FALSE
-0,095	0,311	-0,003	0,008	0,151	FALSE
-0,035	0,318	-0,002	0,008	0,077	FALSE
-0,080	0,316	-0,003	0,009	0,127	FALSE
-0,059	0,315	-0,002	0,009	0,101	FALSE
-0,058	0,312	-0,002	0,008	0,112	FALSE
-0,103	0,305	-0,003	0,008	0,164	FALSE
-0,097	0,301	-0,003	0,007	0,155	FALSE
-0,095	0,312	-0,003	0,008	0,145	FALSE
-0,041	0,293	-0,001	0,008	0,049	FALSE
-0,064	0,295	-0,002	0,007	0,080	FALSE
0,018	0,318	0,001	0,011	0,017	FALSE
-0,038	0,306	-0,001	0,011	0,025	FALSE
-0,045	0,311	-0,002	0,012	0,069	FALSE
0,136	0,302	0,004	0,011	0,160	FALSE
-0,120	0,307	-0,004	0,011	0,152	FALSE
0,046	0,307	0,002	0,010	0,058	FALSE
-0,120	0,303	-0,005	0,011	0,172	FALSE
-0,016	0,296	-0,001	0,012	0,030	FALSE
0,022	0,308	0,001	0,011	0,045	FALSE
-0,032	0,299	-0,001	0,009	0,043	FALSE
-0,022	0,291	-0,001	0,007	0,061	FALSE
-0,023	0,291	-0,001	0,007	0,053	FALSE
0,036	0,315	0,001	0,012	0,041	FALSE
0,092	0,303	0,001	0,007	0,067	FALSE
0,040	0,308	0,001	0,010	0,056	FALSE
-0,041	0,303	-0,002	0,011	0,058	FALSE
0,096	0,315	0,003	0,013	0,094	FALSE
-0,069	0,297	-0,002	0,011	0,056	FALSE
0,084	0,312	0,002	0,009	0,072	FALSE
0,093	0,310	0,003	0,012	0,099	FALSE
-0,092	0,294	-0,003	0,010	0,102	FALSE
-0,061	0,283	-0,002	0,010	0,091	FALSE
0,055	0,308	0,001	0,013	0,042	FALSE
-0,101	0,308	-0,002	0,006	0,147	FALSE
-0,031	0,320	-0,001	0,008	0,036	FALSE
0,008	0,311	0,000	0,009	0,010	FALSE
0,011	0,311	0,000	0,009	0,016	FALSE
0,015	0,303	0,001	0,009	0,025	FALSE
-0,019	0,304	0,000	0,009	0,016	FALSE
-0,003	0,311	0,000	0,009	0,006	FALSE
-0,014	0,299	-0,001	0,009	0,034	FALSE
-0,060	0,300	-0,002	0,011	0,060	FALSE
-0,168	0,294	-0,004	0,007	0,214	FALSE
0,134	0,310	0,004	0,009	0,204	FALSE
-0,170	0,301	-0,006	0,010	0,265	FALSE
-0,131	0,294	-0,003	0,007	0,176	FALSE
-0,100	0,313	-0,003	0,008	0,170	FALSE
-0,067	0,292	-0,002	0,007	0,097	FALSE
0,044	0,309	0,001	0,007	0,033	FALSE
0,011	0,305	0,001	0,012	0,040	FALSE
-0,071	0,319	-0,002	0,008	0,100	FALSE
-0,077	0,319	-0,002	0,009	0,104	FALSE

0,128	0,306	0,005	0,010	0,199	FALSE
0,122	0,317	0,004	0,010	0,175	FALSE
0,140	0,293	0,005	0,009	0,214	FALSE
0,039	0,300	0,003	0,012	0,101	FALSE
0,115	0,303	0,004	0,011	0,133	FALSE
-0,139	0,301	-0,005	0,010	0,186	FALSE
-0,028	0,312	-0,001	0,013	0,035	FALSE
0,139	0,279	0,006	0,012	0,187	FALSE
0,240	0,278	0,010	0,012	0,389	FALSE
-0,062	0,307	-0,003	0,011	0,108	FALSE
0,071	0,311	0,003	0,013	0,105	FALSE
0,058	0,314	0,001	0,007	0,077	FALSE
0,077	0,311	0,002	0,008	0,117	FALSE
0,015	0,319	0,000	0,010	0,002	FALSE
0,009	0,308	0,000	0,011	0,002	FALSE
-0,058	0,315	-0,003	0,012	0,082	FALSE
0,010	0,306	0,000	0,012	0,008	FALSE
-0,017	0,307	0,000	0,009	0,005	FALSE
-0,059	0,298	-0,002	0,008	0,077	FALSE
0,155	0,288	0,004	0,006	0,249	FALSE
-0,130	0,302	-0,003	0,008	0,149	FALSE
0,109	0,304	0,002	0,008	0,113	FALSE
0,020	0,295	0,002	0,010	0,069	FALSE
-0,033	0,298	-0,001	0,011	0,036	FALSE
0,028	0,303	0,000	0,007	0,022	FALSE
-0,008	0,311	-0,001	0,007	0,033	FALSE
-0,062	0,329	-0,002	0,010	0,080	FALSE
0,028	0,303	0,001	0,012	0,034	FALSE
0,108	0,318	0,004	0,013	0,117	FALSE
-0,065	0,306	-0,003	0,011	0,125	FALSE
0,035	0,303	0,002	0,010	0,065	FALSE
0,022	0,322	0,001	0,010	0,024	FALSE
0,032	0,298	0,001	0,012	0,036	FALSE
-0,011	0,315	0,000	0,012	0,013	FALSE
-0,055	0,312	-0,002	0,012	0,073	FALSE
0,053	0,321	0,001	0,009	0,027	FALSE
-0,035	0,321	-0,001	0,012	0,019	FALSE
0,011	0,305	0,000	0,008	0,015	FALSE
0,011	0,303	0,000	0,008	0,020	FALSE
0,004	0,300	0,000	0,008	0,009	FALSE
-0,069	0,313	-0,002	0,007	0,092	FALSE
-0,066	0,308	-0,002	0,007	0,087	FALSE
-0,036	0,310	-0,001	0,009	0,046	FALSE
-0,062	0,317	-0,002	0,009	0,082	FALSE
-0,061	0,325	-0,002	0,008	0,073	FALSE
-0,038	0,315	-0,001	0,009	0,029	FALSE
-0,068	0,309	-0,002	0,010	0,084	FALSE
-0,034	0,306	-0,002	0,009	0,076	FALSE
0,086	0,315	0,004	0,012	0,122	FALSE
0,041	0,312	0,001	0,008	0,044	FALSE
0,008	0,296	-0,001	0,011	0,031	FALSE
-0,055	0,311	-0,003	0,011	0,096	FALSE
0,063	0,301	0,001	0,007	0,076	FALSE

0,057	0,298	0,001	0,012	0,022	FALSE
-0,013	0,301	0,000	0,009	0,013	FALSE
-0,026	0,319	-0,001	0,009	0,052	FALSE
-0,057	0,306	-0,002	0,009	0,092	FALSE
-0,068	0,312	-0,003	0,009	0,125	FALSE
-0,098	0,325	-0,004	0,009	0,161	FALSE
-0,134	0,295	-0,003	0,006	0,199	FALSE
-0,084	0,322	-0,003	0,011	0,120	FALSE
0,009	0,306	0,000	0,013	0,010	FALSE
-0,023	0,318	0,000	0,008	0,015	FALSE
0,104	0,290	0,004	0,009	0,160	FALSE
0,008	0,311	0,000	0,007	0,015	FALSE
0,135	0,312	0,005	0,010	0,182	FALSE
-0,035	0,315	-0,002	0,007	0,083	FALSE
-0,086	0,303	-0,003	0,010	0,115	FALSE
-0,062	0,302	-0,004	0,012	0,117	FALSE
-0,080	0,303	-0,004	0,012	0,149	FALSE
-0,120	0,308	-0,004	0,010	0,161	FALSE
-0,047	0,308	-0,001	0,010	0,051	FALSE
0,013	0,298	0,001	0,011	0,028	FALSE
0,099	0,302	0,003	0,007	0,163	FALSE
0,110	0,311	0,003	0,007	0,167	FALSE
0,064	0,315	0,003	0,012	0,077	FALSE
-0,057	0,309	-0,001	0,009	0,062	FALSE
-0,017	0,300	0,000	0,008	0,010	FALSE
-0,024	0,307	0,000	0,008	0,005	FALSE
0,028	0,280	0,000	0,008	0,012	FALSE
-0,070	0,319	-0,003	0,009	0,104	FALSE
-0,007	0,304	0,000	0,012	0,006	FALSE
0,037	0,315	0,002	0,011	0,054	FALSE
0,026	0,306	0,001	0,012	0,024	FALSE
0,107	0,306	0,006	0,012	0,188	FALSE
0,076	0,314	0,002	0,007	0,091	FALSE
0,077	0,308	0,002	0,008	0,114	FALSE
0,091	0,298	0,002	0,007	0,127	FALSE
-0,029	0,295	-0,002	0,009	0,070	FALSE
-0,054	0,294	-0,001	0,006	0,047	FALSE
-0,090	0,298	-0,002	0,010	0,091	FALSE
0,069	0,302	0,002	0,008	0,079	FALSE
0,067	0,305	0,002	0,012	0,077	FALSE
0,043	0,310	0,002	0,011	0,083	FALSE
0,004	0,305	0,000	0,012	0,006	FALSE
-0,001	0,316	0,000	0,007	0,023	FALSE
0,053	0,317	0,001	0,008	0,064	FALSE
0,069	0,310	0,002	0,008	0,095	FALSE
0,041	0,305	0,001	0,007	0,072	FALSE
-0,019	0,312	0,000	0,012	0,010	FALSE
-0,021	0,314	-0,001	0,009	0,025	FALSE
0,021	0,304	0,001	0,013	0,041	FALSE
0,043	0,301	0,001	0,009	0,055	FALSE
0,002	0,302	0,000	0,010	0,008	FALSE
0,088	0,309	0,002	0,007	0,131	FALSE
0,086	0,292	0,002	0,007	0,120	FALSE

0,014	0,306	0,000	0,008	0,017	FALSE
0,057	0,307	0,001	0,007	0,064	FALSE
0,000	0,300	0,000	0,008	0,002	FALSE
0,009	0,306	0,001	0,010	0,050	FALSE
-0,018	0,310	0,000	0,009	0,000	FALSE
0,004	0,305	0,000	0,008	0,009	FALSE
0,031	0,302	0,001	0,007	0,044	FALSE
-0,116	0,307	-0,003	0,008	0,157	FALSE
0,018	0,301	0,001	0,012	0,023	FALSE
0,119	0,297	0,004	0,011	0,128	FALSE
0,171	0,302	0,005	0,011	0,206	FALSE
0,070	0,314	0,004	0,010	0,135	FALSE
0,043	0,321	0,001	0,009	0,043	FALSE
-0,039	0,306	-0,001	0,008	0,039	FALSE
-0,031	0,305	-0,001	0,008	0,034	FALSE
0,010	0,307	0,000	0,008	0,013	FALSE
-0,054	0,302	-0,001	0,008	0,062	FALSE
-0,016	0,308	0,000	0,006	0,008	FALSE
-0,025	0,299	0,000	0,011	0,013	FALSE
0,106	0,304	0,003	0,008	0,128	FALSE
-0,001	0,288	0,000	0,008	0,010	FALSE
-0,026	0,305	-0,001	0,012	0,032	FALSE
0,091	0,303	0,002	0,007	0,113	FALSE
-0,114	0,292	-0,004	0,008	0,211	FALSE
-0,102	0,314	-0,004	0,012	0,148	FALSE
0,044	0,314	0,002	0,011	0,050	FALSE
0,033	0,316	0,001	0,012	0,020	FALSE
-0,041	0,308	-0,002	0,010	0,074	FALSE
-0,002	0,302	0,000	0,007	0,016	FALSE
0,081	0,312	0,003	0,008	0,132	FALSE
-0,021	0,304	0,000	0,008	0,005	FALSE
-0,014	0,315	-0,001	0,008	0,029	FALSE
0,128	0,313	0,003	0,008	0,185	FALSE
-0,040	0,313	-0,001	0,008	0,030	FALSE
0,047	0,307	0,001	0,010	0,037	FALSE
0,127	0,296	0,004	0,008	0,241	FALSE
-0,118	0,307	-0,004	0,008	0,204	FALSE
0,044	0,305	0,001	0,010	0,050	FALSE
-0,148	0,278	-0,006	0,012	0,232	FALSE
0,014	0,302	0,000	0,013	0,009	FALSE
0,023	0,305	0,000	0,012	0,012	FALSE
-0,148	0,304	-0,004	0,010	0,193	FALSE
0,049	0,289	0,003	0,011	0,093	FALSE
0,044	0,325	0,002	0,010	0,062	FALSE
-0,105	0,295	-0,005	0,012	0,166	FALSE
-0,194	0,315	-0,005	0,008	0,247	FALSE
-0,044	0,309	-0,001	0,008	0,052	FALSE
-0,008	0,303	0,000	0,013	0,007	FALSE
-0,049	0,298	-0,002	0,008	0,067	FALSE
-0,054	0,294	-0,001	0,008	0,066	FALSE
-0,030	0,307	-0,001	0,008	0,030	FALSE
-0,084	0,309	-0,002	0,012	0,079	FALSE
0,148	0,293	0,003	0,007	0,184	FALSE

0,131	0,306	0,004	0,010	0,173	FALSE
0,095	0,306	0,003	0,009	0,132	FALSE
0,023	0,309	0,001	0,009	0,045	FALSE
0,044	0,311	0,001	0,007	0,052	FALSE
-0,089	0,324	-0,002	0,007	0,115	FALSE
-0,088	0,315	-0,003	0,011	0,105	FALSE
-0,038	0,298	-0,001	0,008	0,060	FALSE
-0,146	0,291	-0,007	0,011	0,250	FALSE
-0,100	0,321	-0,002	0,009	0,094	FALSE
-0,041	0,302	-0,001	0,007	0,055	FALSE
-0,004	0,305	-0,001	0,010	0,045	FALSE
-0,015	0,321	0,000	0,010	0,012	FALSE
-0,121	0,295	-0,005	0,010	0,190	FALSE
0,041	0,307	0,002	0,010	0,065	FALSE
0,076	0,300	0,002	0,008	0,113	FALSE
0,020	0,307	0,001	0,008	0,047	FALSE
0,099	0,303	0,004	0,012	0,146	FALSE
-0,059	0,309	-0,002	0,011	0,069	FALSE
0,108	0,297	0,002	0,007	0,141	FALSE
-0,058	0,296	-0,003	0,012	0,106	FALSE
0,071	0,310	0,002	0,007	0,088	FALSE
-0,017	0,326	0,000	0,007	0,015	FALSE
-0,048	0,307	-0,001	0,009	0,045	FALSE
0,114	0,288	0,003	0,009	0,152	FALSE
0,113	0,306	0,004	0,010	0,142	FALSE
0,140	0,307	0,004	0,010	0,190	FALSE
-0,020	0,307	-0,001	0,010	0,030	FALSE
-0,006	0,316	-0,001	0,012	0,019	FALSE
-0,079	0,306	-0,002	0,006	0,105	FALSE
-0,115	0,308	-0,005	0,012	0,180	FALSE
0,067	0,297	0,001	0,006	0,067	FALSE
-0,016	0,308	-0,001	0,011	0,029	FALSE
-0,039	0,299	-0,002	0,011	0,069	FALSE
-0,013	0,298	-0,001	0,011	0,022	FALSE
-0,029	0,281	-0,002	0,010	0,061	FALSE
0,049	0,327	0,002	0,012	0,078	FALSE
0,014	0,292	0,000	0,006	0,015	FALSE
0,022	0,316	0,001	0,009	0,028	FALSE
0,048	0,308	0,002	0,010	0,076	FALSE
0,010	0,322	0,001	0,013	0,028	FALSE
-0,004	0,323	0,000	0,012	0,006	FALSE
0,072	0,313	0,002	0,009	0,103	FALSE
-0,155	0,312	-0,006	0,013	0,202	FALSE
0,055	0,310	0,001	0,007	0,074	FALSE
0,026	0,312	0,001	0,012	0,029	FALSE
0,034	0,304	0,001	0,011	0,024	FALSE
-0,092	0,304	-0,004	0,011	0,134	FALSE
0,004	0,314	0,000	0,007	0,013	FALSE
0,037	0,306	0,002	0,012	0,074	FALSE
0,041	0,307	0,003	0,012	0,081	FALSE
0,080	0,294	0,002	0,012	0,073	FALSE
0,117	0,302	0,003	0,006	0,223	FALSE
0,036	0,312	0,000	0,009	0,006	FALSE

-0,057	0,301	-0,001	0,007	0,076	FALSE
-0,024	0,307	-0,001	0,011	0,028	FALSE
-0,224	0,290	-0,010	0,013	0,348	FALSE
0,062	0,301	0,002	0,011	0,054	FALSE
0,080	0,309	0,002	0,008	0,116	FALSE
-0,179	0,301	-0,004	0,006	0,250	FALSE
-0,036	0,317	-0,001	0,009	0,025	FALSE
0,139	0,304	0,003	0,007	0,198	FALSE
-0,056	0,307	-0,001	0,010	0,037	FALSE
-0,007	0,307	0,000	0,007	0,006	FALSE
-0,135	0,303	-0,006	0,011	0,219	FALSE
0,008	0,316	0,001	0,007	0,024	FALSE
0,047	0,312	0,001	0,009	0,056	FALSE
-0,077	0,319	-0,004	0,012	0,120	FALSE
-0,096	0,295	-0,002	0,006	0,130	FALSE
0,095	0,310	0,003	0,010	0,095	FALSE
0,045	0,304	0,001	0,006	0,056	FALSE
0,028	0,307	0,002	0,009	0,075	FALSE
-0,021	0,308	-0,001	0,007	0,037	FALSE
0,022	0,312	0,000	0,011	0,014	FALSE
0,025	0,319	0,000	0,011	0,013	FALSE
0,135	0,308	0,003	0,007	0,165	FALSE
0,024	0,291	0,000	0,009	0,002	FALSE
0,093	0,309	0,002	0,007	0,131	FALSE
0,072	0,312	0,002	0,013	0,065	FALSE
0,108	0,307	0,003	0,009	0,147	FALSE
-0,193	0,295	-0,008	0,012	0,313	FALSE
0,089	0,294	0,003	0,007	0,164	FALSE
-0,073	0,310	-0,003	0,010	0,120	FALSE
0,073	0,296	0,003	0,012	0,080	FALSE
-0,097	0,299	-0,005	0,012	0,149	FALSE
0,067	0,298	0,002	0,012	0,060	FALSE
-0,106	0,305	-0,002	0,007	0,140	FALSE
0,010	0,302	0,000	0,008	0,012	FALSE
-0,003	0,315	0,000	0,013	0,003	FALSE
-0,089	0,292	-0,002	0,008	0,111	FALSE
0,090	0,310	0,002	0,009	0,086	FALSE
0,017	0,307	0,001	0,012	0,019	FALSE
0,052	0,315	0,003	0,013	0,078	FALSE
0,010	0,317	0,001	0,007	0,027	FALSE
-0,059	0,307	-0,002	0,010	0,073	FALSE
0,085	0,313	0,002	0,006	0,100	FALSE
-0,012	0,318	-0,001	0,008	0,052	FALSE
-0,126	0,313	-0,004	0,011	0,139	FALSE
-0,008	0,309	-0,001	0,006	0,033	FALSE
0,044	0,303	0,001	0,007	0,062	FALSE
0,097	0,305	0,002	0,009	0,088	FALSE
0,048	0,299	0,001	0,006	0,040	FALSE
-0,082	0,311	-0,002	0,008	0,092	FALSE
-0,023	0,314	-0,001	0,009	0,031	FALSE
-0,029	0,302	-0,001	0,009	0,033	FALSE
-0,022	0,304	-0,001	0,012	0,041	FALSE
-0,037	0,294	-0,001	0,009	0,023	FALSE

-0,052	0,302	-0,002	0,010	0,061	FALSE
-0,089	0,312	-0,003	0,012	0,110	FALSE
-0,071	0,302	-0,003	0,011	0,102	FALSE
0,043	0,308	0,002	0,012	0,047	FALSE
0,033	0,315	0,001	0,007	0,031	FALSE
-0,024	0,299	-0,001	0,009	0,028	FALSE
-0,079	0,305	-0,004	0,012	0,122	FALSE
-0,029	0,286	-0,001	0,011	0,029	FALSE
-0,039	0,313	-0,001	0,012	0,037	FALSE
-0,034	0,303	0,000	0,011	0,010	FALSE
0,137	0,302	0,006	0,013	0,204	FALSE
-0,049	0,290	-0,002	0,010	0,073	FALSE
-0,019	0,315	-0,001	0,012	0,041	FALSE
0,033	0,322	0,001	0,010	0,051	FALSE
-0,005	0,300	0,000	0,012	0,009	FALSE
-0,057	0,312	-0,002	0,011	0,073	FALSE
0,005	0,301	0,000	0,009	0,001	FALSE
0,106	0,301	0,004	0,011	0,135	FALSE
0,099	0,313	0,002	0,007	0,118	FALSE
-0,119	0,295	-0,003	0,008	0,167	FALSE
-0,037	0,316	0,000	0,007	0,024	FALSE
0,033	0,288	0,000	0,009	0,020	FALSE
-0,112	0,298	-0,004	0,011	0,126	FALSE
-0,087	0,306	-0,002	0,007	0,110	FALSE
-0,008	0,308	0,000	0,008	0,007	FALSE
0,067	0,322	0,003	0,012	0,100	FALSE
0,123	0,306	0,005	0,012	0,155	FALSE
0,043	0,310	0,002	0,007	0,078	FALSE
-0,010	0,312	0,000	0,010	0,001	FALSE
-0,097	0,299	-0,002	0,007	0,089	FALSE
-0,038	0,287	-0,001	0,006	0,071	FALSE
0,007	0,313	0,000	0,007	0,012	FALSE
-0,015	0,308	-0,001	0,009	0,021	FALSE
-0,052	0,305	-0,002	0,007	0,078	FALSE
0,128	0,293	0,005	0,011	0,164	FALSE
0,063	0,308	0,002	0,007	0,088	FALSE
0,091	0,306	0,002	0,008	0,095	FALSE
-0,011	0,313	0,000	0,011	0,004	FALSE
-0,047	0,294	-0,001	0,011	0,047	FALSE
-0,025	0,307	-0,001	0,012	0,020	FALSE
-0,065	0,305	-0,003	0,012	0,077	FALSE
0,048	0,305	0,001	0,012	0,042	FALSE
0,115	0,312	0,003	0,008	0,151	FALSE
0,036	0,314	0,000	0,012	0,004	FALSE
0,151	0,297	0,003	0,006	0,217	FALSE
0,019	0,304	0,001	0,010	0,019	FALSE
-0,117	0,313	-0,002	0,007	0,126	FALSE
-0,027	0,305	0,000	0,007	0,021	FALSE
0,011	0,311	0,000	0,007	0,001	FALSE
-0,113	0,312	-0,003	0,008	0,156	FALSE
-0,003	0,303	0,000	0,013	0,002	FALSE
-0,024	0,309	-0,001	0,012	0,021	FALSE
-0,009	0,309	-0,001	0,011	0,029	FALSE

-0,082	0,304	-0,002	0,008	0,111	FALSE
-0,036	0,315	-0,001	0,008	0,057	FALSE
0,019	0,317	0,000	0,012	0,001	FALSE
-0,043	0,317	-0,002	0,012	0,071	FALSE
0,032	0,301	0,001	0,010	0,035	FALSE
0,079	0,313	0,002	0,011	0,062	FALSE
0,050	0,311	0,003	0,011	0,086	FALSE
-0,061	0,298	0,000	0,007	0,024	FALSE
0,016	0,300	0,001	0,012	0,031	FALSE
-0,051	0,298	-0,001	0,006	0,073	FALSE
0,165	0,301	0,003	0,007	0,212	FALSE
-0,005	0,307	0,000	0,007	0,016	FALSE
0,044	0,310	0,003	0,013	0,092	FALSE
0,085	0,293	0,002	0,007	0,134	FALSE
0,007	0,300	0,000	0,010	0,011	FALSE
0,007	0,305	0,000	0,008	0,002	FALSE
0,033	0,308	0,001	0,009	0,035	FALSE
0,011	0,315	0,001	0,008	0,024	FALSE
0,012	0,315	0,000	0,007	0,006	FALSE
-0,028	0,308	0,000	0,012	0,008	FALSE
-0,010	0,300	-0,001	0,008	0,024	FALSE
0,014	0,309	0,001	0,006	0,060	FALSE
0,060	0,305	0,002	0,009	0,066	FALSE
0,075	0,311	0,003	0,013	0,075	FALSE
0,024	0,302	0,001	0,012	0,015	FALSE
0,051	0,301	0,002	0,012	0,054	FALSE
0,129	0,298	0,003	0,009	0,147	FALSE
0,203	0,290	0,006	0,010	0,276	FALSE
0,008	0,305	0,000	0,011	0,008	FALSE
0,202	0,305	0,004	0,006	0,287	FALSE
-0,146	0,311	-0,004	0,009	0,181	FALSE
-0,172	0,295	-0,004	0,007	0,254	FALSE
-0,069	0,304	-0,002	0,012	0,076	FALSE
-0,074	0,313	-0,001	0,006	0,074	FALSE
0,029	0,309	0,001	0,008	0,043	FALSE
-0,057	0,317	-0,002	0,010	0,083	FALSE
-0,099	0,315	-0,002	0,006	0,095	FALSE
-0,043	0,314	-0,002	0,011	0,056	FALSE
-0,100	0,311	-0,003	0,010	0,127	FALSE
0,166	0,296	0,004	0,007	0,258	FALSE
0,123	0,297	0,005	0,011	0,171	FALSE
-0,035	0,306	-0,001	0,011	0,037	FALSE
0,028	0,301	0,001	0,008	0,031	FALSE
-0,119	0,305	-0,004	0,009	0,187	FALSE
-0,033	0,313	-0,001	0,007	0,042	FALSE
0,053	0,296	0,001	0,006	0,042	FALSE
-0,075	0,304	-0,002	0,008	0,078	FALSE
-0,080	0,306	-0,004	0,013	0,118	FALSE
-0,140	0,301	-0,005	0,010	0,195	FALSE
-0,097	0,323	-0,004	0,011	0,125	FALSE
-0,016	0,294	-0,001	0,006	0,029	FALSE
-0,006	0,298	0,000	0,009	0,002	FALSE
0,155	0,313	0,007	0,012	0,223	FALSE

0,075	0,307	0,003	0,011	0,096	FALSE
0,089	0,303	0,002	0,008	0,108	FALSE
-0,037	0,319	-0,001	0,012	0,041	FALSE
-0,079	0,315	-0,002	0,008	0,088	FALSE
0,165	0,288	0,005	0,010	0,195	FALSE
-0,079	0,302	-0,001	0,008	0,071	FALSE
-0,096	0,309	-0,002	0,009	0,085	FALSE
-0,072	0,303	-0,002	0,008	0,098	FALSE
-0,110	0,300	-0,004	0,010	0,143	FALSE
-0,035	0,305	0,000	0,006	0,023	FALSE
-0,052	0,324	-0,001	0,008	0,043	FALSE
-0,094	0,306	-0,004	0,013	0,112	FALSE
-0,113	0,310	-0,004	0,013	0,137	FALSE
-0,027	0,303	-0,001	0,010	0,028	FALSE
-0,040	0,312	-0,001	0,008	0,043	FALSE
-0,065	0,322	-0,001	0,009	0,054	FALSE
-0,079	0,308	-0,002	0,008	0,085	FALSE
-0,073	0,301	-0,002	0,008	0,077	FALSE
-0,062	0,310	-0,002	0,012	0,067	FALSE
0,065	0,319	0,002	0,009	0,066	FALSE
-0,230	0,299	-0,009	0,012	0,375	FALSE
-0,033	0,304	-0,001	0,009	0,030	FALSE
0,072	0,312	0,002	0,011	0,069	FALSE
0,057	0,297	0,001	0,011	0,044	FALSE
0,092	0,303	0,003	0,012	0,107	FALSE
-0,019	0,300	0,000	0,007	0,004	FALSE
-0,020	0,311	-0,001	0,010	0,034	FALSE
0,004	0,315	0,000	0,012	0,006	FALSE
-0,001	0,302	-0,001	0,009	0,058	FALSE
-0,018	0,294	-0,001	0,009	0,048	FALSE
-0,001	0,303	-0,001	0,012	0,042	FALSE
0,013	0,314	0,000	0,010	0,005	FALSE
0,026	0,277	0,000	0,011	0,001	FALSE
0,179	0,291	0,007	0,012	0,270	FALSE
0,205	0,301	0,006	0,008	0,327	FALSE
0,007	0,314	0,000	0,008	0,019	FALSE
0,156	0,301	0,005	0,009	0,250	FALSE
0,138	0,300	0,005	0,011	0,194	FALSE
0,139	0,297	0,005	0,011	0,186	FALSE
0,123	0,312	0,005	0,012	0,165	FALSE
0,001	0,310	-0,001	0,007	0,030	FALSE
-0,052	0,311	-0,002	0,012	0,065	FALSE
-0,032	0,296	-0,001	0,012	0,025	FALSE
0,006	0,301	0,000	0,009	0,003	FALSE
0,076	0,298	0,002	0,008	0,088	FALSE
0,072	0,312	0,003	0,011	0,114	FALSE
0,030	0,302	0,001	0,008	0,041	FALSE
0,013	0,303	-0,001	0,008	0,032	FALSE
-0,058	0,308	-0,002	0,008	0,118	FALSE
0,133	0,308	0,006	0,012	0,219	FALSE
0,042	0,290	0,001	0,006	0,080	FALSE
0,079	0,303	0,003	0,011	0,113	FALSE
-0,012	0,301	0,000	0,008	0,020	FALSE

0,007	0,322	0,000	0,008	0,005	FALSE
-0,002	0,306	0,000	0,008	0,011	FALSE
0,100	0,309	0,002	0,006	0,150	FALSE
-0,145	0,296	-0,004	0,008	0,206	FALSE
-0,152	0,320	-0,004	0,009	0,202	FALSE
-0,090	0,321	-0,004	0,011	0,145	FALSE
-0,020	0,316	-0,001	0,007	0,051	FALSE
0,125	0,303	0,003	0,007	0,164	FALSE
-0,059	0,318	-0,001	0,008	0,064	FALSE
0,058	0,305	0,002	0,007	0,088	FALSE
-0,153	0,297	-0,004	0,008	0,215	FALSE
0,024	0,300	0,000	0,009	0,010	FALSE
0,201	0,293	0,005	0,008	0,293	FALSE
-0,173	0,306	-0,004	0,007	0,244	FALSE
0,056	0,301	0,002	0,011	0,065	FALSE
0,028	0,317	0,001	0,007	0,042	FALSE
0,027	0,304	0,000	0,010	0,005	FALSE
-0,101	0,315	-0,002	0,006	0,113	FALSE
-0,004	0,315	-0,001	0,008	0,031	FALSE
-0,062	0,314	-0,001	0,007	0,056	FALSE
0,025	0,305	0,000	0,007	0,021	FALSE
0,174	0,299	0,006	0,009	0,255	FALSE
0,087	0,304	0,002	0,008	0,095	FALSE
0,029	0,306	0,001	0,009	0,054	FALSE
0,076	0,295	0,004	0,012	0,113	FALSE
0,064	0,306	0,003	0,013	0,091	FALSE
0,113	0,298	0,004	0,011	0,162	FALSE
-0,148	0,307	-0,005	0,010	0,223	FALSE
0,126	0,306	0,005	0,012	0,169	FALSE
0,114	0,307	0,005	0,012	0,157	FALSE
0,115	0,300	0,005	0,012	0,159	FALSE
0,073	0,320	0,002	0,007	0,115	FALSE
0,130	0,314	0,004	0,009	0,198	FALSE
0,026	0,319	0,000	0,010	0,011	FALSE
-0,018	0,308	0,000	0,010	0,015	FALSE
0,031	0,300	0,001	0,010	0,034	FALSE
0,000	0,290	0,001	0,012	0,034	FALSE
0,014	0,305	0,000	0,012	0,004	FALSE
-0,008	0,304	0,001	0,013	0,034	FALSE
0,001	0,302	-0,001	0,013	0,025	FALSE
-0,071	0,300	-0,002	0,006	0,094	FALSE
0,103	0,310	0,004	0,011	0,150	FALSE
-0,150	0,296	-0,006	0,011	0,232	FALSE
-0,036	0,316	-0,001	0,010	0,038	FALSE
0,013	0,311	0,000	0,011	0,011	FALSE
-0,132	0,297	-0,003	0,008	0,158	FALSE
0,003	0,311	0,000	0,011	0,004	FALSE
0,012	0,318	0,000	0,012	0,008	FALSE
0,085	0,297	0,003	0,009	0,106	FALSE
-0,027	0,301	-0,001	0,010	0,035	FALSE
-0,049	0,313	-0,002	0,009	0,079	FALSE
0,105	0,313	0,003	0,010	0,127	FALSE
-0,065	0,304	-0,002	0,008	0,115	FALSE

-0,121	0,301	-0,003	0,007	0,185	FALSE
-0,028	0,307	0,000	0,012	0,001	FALSE
-0,044	0,308	-0,002	0,012	0,048	FALSE
-0,021	0,316	-0,001	0,012	0,022	FALSE
0,134	0,295	0,004	0,009	0,181	FALSE
0,082	0,299	0,004	0,012	0,130	FALSE
0,101	0,299	0,004	0,010	0,134	FALSE
0,027	0,297	0,001	0,008	0,031	FALSE
-0,074	0,311	-0,002	0,007	0,094	FALSE
0,087	0,308	0,003	0,010	0,125	FALSE
-0,008	0,315	-0,001	0,008	0,032	FALSE
-0,034	0,310	-0,001	0,009	0,033	FALSE
0,042	0,321	0,001	0,012	0,027	FALSE
0,006	0,310	0,000	0,013	0,012	FALSE
0,117	0,312	0,004	0,011	0,169	FALSE
0,118	0,305	0,003	0,007	0,166	FALSE
-0,039	0,300	-0,001	0,010	0,049	FALSE
0,076	0,298	0,002	0,009	0,086	FALSE
0,069	0,306	0,003	0,010	0,125	FALSE
-0,148	0,307	-0,005	0,009	0,242	FALSE
-0,001	0,305	-0,001	0,009	0,026	FALSE
-0,033	0,306	0,000	0,011	0,013	FALSE
-0,054	0,305	-0,002	0,012	0,059	FALSE
-0,097	0,311	-0,004	0,010	0,162	FALSE
-0,076	0,299	-0,003	0,012	0,085	FALSE
0,151	0,300	0,006	0,012	0,190	FALSE
0,118	0,294	0,004	0,009	0,191	FALSE
0,103	0,296	0,004	0,009	0,169	FALSE
0,164	0,302	0,007	0,012	0,250	FALSE
0,137	0,300	0,005	0,009	0,217	FALSE
0,103	0,298	0,005	0,012	0,168	FALSE
0,128	0,288	0,006	0,012	0,203	FALSE
0,149	0,292	0,007	0,012	0,224	FALSE
-0,008	0,302	0,000	0,008	0,015	FALSE
0,141	0,299	0,007	0,012	0,234	FALSE
0,143	0,304	0,004	0,009	0,167	FALSE
0,187	0,312	0,008	0,012	0,265	FALSE
0,060	0,325	0,002	0,011	0,062	FALSE
-0,029	0,317	0,000	0,007	0,013	FALSE
0,089	0,314	0,003	0,010	0,095	FALSE
-0,097	0,310	-0,002	0,007	0,135	FALSE
-0,003	0,316	0,000	0,012	0,001	FALSE
-0,026	0,302	-0,002	0,012	0,052	FALSE
0,071	0,304	0,001	0,007	0,044	FALSE
-0,044	0,313	-0,001	0,009	0,059	FALSE
0,051	0,305	0,001	0,009	0,052	FALSE
0,082	0,299	0,001	0,006	0,084	FALSE
0,005	0,295	0,001	0,009	0,021	FALSE
-0,131	0,306	-0,005	0,011	0,176	FALSE
-0,093	0,307	-0,004	0,012	0,122	FALSE
-0,069	0,304	-0,003	0,012	0,083	FALSE
0,034	0,305	0,002	0,009	0,063	FALSE
-0,203	0,294	-0,005	0,008	0,275	FALSE

0,109	0,304	0,003	0,007	0,162	FALSE
-0,044	0,294	-0,001	0,007	0,057	FALSE
-0,055	0,313	-0,002	0,012	0,079	FALSE
-0,073	0,328	-0,003	0,012	0,096	FALSE
-0,066	0,303	-0,002	0,010	0,070	FALSE
-0,088	0,309	-0,003	0,008	0,125	FALSE
0,004	0,315	0,000	0,008	0,017	FALSE
-0,048	0,310	-0,002	0,011	0,069	FALSE
-0,051	0,303	-0,001	0,008	0,062	FALSE
0,040	0,288	0,001	0,009	0,050	FALSE
0,075	0,314	0,003	0,011	0,096	FALSE
0,023	0,305	0,001	0,011	0,037	FALSE
0,033	0,293	0,001	0,012	0,040	FALSE
0,046	0,309	0,001	0,008	0,051	FALSE
-0,005	0,316	0,000	0,010	0,003	FALSE
0,018	0,320	0,001	0,012	0,030	FALSE
0,033	0,306	0,001	0,009	0,053	FALSE
0,030	0,314	0,001	0,013	0,024	FALSE
-0,040	0,297	-0,001	0,007	0,041	FALSE
-0,001	0,300	0,000	0,008	0,007	FALSE
-0,051	0,309	-0,001	0,006	0,064	FALSE
-0,062	0,312	-0,001	0,009	0,057	FALSE
-0,027	0,323	-0,001	0,013	0,033	FALSE
0,010	0,309	0,000	0,007	0,020	FALSE
0,046	0,302	0,001	0,011	0,048	FALSE
0,079	0,295	0,003	0,007	0,135	FALSE
-0,080	0,317	-0,003	0,011	0,126	FALSE
0,096	0,293	0,003	0,008	0,143	FALSE
0,068	0,304	0,003	0,012	0,090	FALSE
0,260	0,303	0,009	0,010	0,389	FALSE
0,230	0,296	0,007	0,009	0,346	FALSE
0,181	0,295	0,004	0,008	0,246	FALSE
0,070	0,312	0,002	0,008	0,071	FALSE
0,165	0,309	0,004	0,009	0,197	FALSE
-0,108	0,306	-0,002	0,008	0,126	FALSE
-0,014	0,295	0,000	0,006	0,000	FALSE
-0,110	0,315	-0,004	0,011	0,140	FALSE
0,071	0,304	0,002	0,007	0,106	FALSE
-0,022	0,314	-0,002	0,012	0,046	FALSE
-0,067	0,299	-0,003	0,012	0,110	FALSE
-0,044	0,309	-0,002	0,012	0,053	FALSE
-0,019	0,304	-0,001	0,012	0,044	FALSE
-0,091	0,312	-0,004	0,012	0,133	FALSE
-0,099	0,297	-0,003	0,007	0,145	FALSE
-0,037	0,308	-0,002	0,013	0,057	FALSE
-0,055	0,308	-0,003	0,011	0,086	FALSE
-0,001	0,320	0,000	0,007	0,019	FALSE
-0,036	0,307	-0,002	0,012	0,056	FALSE
0,011	0,301	0,001	0,007	0,035	FALSE
0,019	0,295	0,001	0,012	0,026	FALSE
-0,095	0,308	-0,003	0,009	0,122	FALSE
-0,026	0,308	-0,001	0,012	0,025	FALSE
-0,056	0,305	-0,001	0,006	0,038	FALSE

0,147	0,302	0,004	0,008	0,215	FALSE
-0,058	0,300	-0,003	0,012	0,111	FALSE
-0,085	0,310	-0,002	0,007	0,096	FALSE
-0,039	0,294	-0,002	0,012	0,060	FALSE
0,058	0,306	0,001	0,008	0,066	FALSE
0,047	0,309	0,002	0,011	0,063	FALSE
-0,007	0,308	0,000	0,013	0,009	FALSE
0,017	0,308	0,000	0,011	0,003	FALSE
-0,070	0,309	-0,001	0,008	0,071	FALSE
0,027	0,318	0,000	0,011	0,011	FALSE
-0,052	0,303	-0,001	0,007	0,034	FALSE
-0,076	0,323	-0,001	0,007	0,069	FALSE
-0,052	0,307	-0,001	0,006	0,052	FALSE
0,103	0,298	0,002	0,007	0,092	FALSE
0,055	0,306	0,001	0,009	0,046	FALSE
-0,107	0,303	-0,004	0,011	0,135	FALSE
-0,044	0,312	-0,002	0,013	0,048	FALSE
-0,073	0,312	-0,002	0,007	0,094	FALSE
-0,019	0,325	0,000	0,008	0,019	FALSE
0,039	0,309	0,001	0,007	0,052	FALSE
0,193	0,293	0,008	0,013	0,260	FALSE
0,021	0,302	0,001	0,007	0,059	FALSE
-0,136	0,291	-0,006	0,012	0,211	FALSE
0,072	0,305	0,001	0,008	0,054	FALSE
0,097	0,295	0,002	0,008	0,084	FALSE
-0,059	0,304	-0,003	0,011	0,096	FALSE
-0,015	0,314	-0,001	0,011	0,045	FALSE
-0,022	0,312	-0,001	0,010	0,031	FALSE
0,016	0,307	0,001	0,009	0,040	FALSE
-0,089	0,307	-0,003	0,012	0,083	FALSE
0,131	0,297	0,004	0,009	0,191	FALSE
0,105	0,292	0,002	0,006	0,164	FALSE
0,002	0,303	0,001	0,010	0,020	FALSE
0,031	0,313	0,001	0,012	0,022	FALSE
-0,097	0,302	-0,004	0,011	0,135	FALSE
-0,004	0,308	0,000	0,012	0,004	FALSE
0,028	0,305	0,001	0,006	0,050	FALSE
0,007	0,305	0,000	0,009	0,011	FALSE
0,106	0,316	0,003	0,008	0,136	FALSE
-0,081	0,295	-0,004	0,012	0,132	FALSE
0,153	0,296	0,007	0,012	0,231	FALSE
0,181	0,293	0,008	0,012	0,290	FALSE
-0,081	0,310	-0,003	0,012	0,101	FALSE
-0,081	0,309	-0,003	0,012	0,089	FALSE
-0,111	0,308	-0,004	0,012	0,137	FALSE
0,056	0,314	0,002	0,009	0,067	FALSE
0,070	0,311	0,002	0,010	0,073	FALSE
-0,103	0,311	-0,004	0,012	0,116	FALSE
-0,118	0,295	-0,003	0,008	0,175	FALSE
-0,164	0,308	-0,006	0,011	0,219	FALSE
-0,162	0,301	-0,006	0,012	0,237	FALSE
-0,181	0,299	-0,008	0,012	0,283	FALSE
-0,164	0,301	-0,007	0,012	0,244	FALSE

-0,174	0,305	-0,007	0,012	0,257	FALSE
-0,078	0,291	-0,002	0,008	0,076	FALSE
0,098	0,316	0,004	0,012	0,139	FALSE
0,002	0,314	0,000	0,011	0,007	FALSE
0,064	0,311	0,003	0,011	0,109	FALSE
0,118	0,315	0,005	0,013	0,150	FALSE
-0,057	0,307	-0,002	0,007	0,087	FALSE
-0,078	0,302	-0,002	0,006	0,113	FALSE
0,033	0,318	0,002	0,011	0,054	FALSE
-0,101	0,302	-0,004	0,012	0,149	FALSE
-0,012	0,308	0,000	0,010	0,014	FALSE
-0,103	0,315	-0,005	0,013	0,151	FALSE
-0,012	0,311	-0,001	0,009	0,028	FALSE
-0,027	0,312	-0,001	0,012	0,041	FALSE
-0,017	0,302	-0,001	0,012	0,042	FALSE
0,129	0,294	0,003	0,007	0,164	FALSE
-0,155	0,304	-0,003	0,007	0,181	FALSE
0,073	0,302	0,002	0,008	0,108	FALSE
0,008	0,314	0,000	0,007	0,003	FALSE
0,194	0,296	0,006	0,008	0,329	FALSE
-0,042	0,303	-0,001	0,009	0,058	FALSE
-0,045	0,303	-0,002	0,013	0,063	FALSE
-0,027	0,289	-0,001	0,012	0,035	FALSE
0,007	0,312	0,000	0,007	0,001	FALSE
0,003	0,314	0,001	0,011	0,029	FALSE
-0,031	0,308	-0,001	0,012	0,030	FALSE
-0,056	0,299	-0,002	0,009	0,081	FALSE
0,015	0,307	0,001	0,011	0,017	FALSE
-0,015	0,304	-0,001	0,010	0,024	FALSE
-0,020	0,297	-0,001	0,011	0,041	FALSE
-0,037	0,301	-0,002	0,012	0,059	FALSE
0,016	0,308	0,000	0,011	0,015	FALSE
-0,022	0,305	-0,001	0,007	0,033	FALSE
0,006	0,302	0,000	0,013	0,005	FALSE
0,062	0,299	0,002	0,013	0,071	FALSE
0,051	0,292	0,002	0,012	0,055	FALSE
-0,091	0,291	-0,002	0,006	0,132	FALSE
0,012	0,325	0,000	0,013	0,005	FALSE
-0,085	0,319	-0,003	0,010	0,131	FALSE
0,012	0,316	0,000	0,012	0,013	FALSE
0,135	0,300	0,004	0,009	0,212	FALSE
0,064	0,304	0,002	0,009	0,096	FALSE
-0,078	0,306	-0,003	0,012	0,111	FALSE
0,110	0,295	0,003	0,007	0,208	FALSE
-0,024	0,307	-0,001	0,010	0,043	FALSE
0,007	0,314	0,000	0,010	0,013	FALSE
-0,059	0,314	-0,002	0,010	0,089	FALSE
-0,010	0,318	-0,001	0,010	0,019	FALSE
0,045	0,306	0,001	0,008	0,048	FALSE
-0,110	0,295	-0,003	0,008	0,159	FALSE
0,086	0,293	0,001	0,006	0,085	FALSE
0,002	0,320	0,000	0,010	0,010	FALSE
0,064	0,312	0,002	0,007	0,119	FALSE

0,080	0,303	0,001	0,006	0,080	FALSE
0,062	0,318	0,001	0,007	0,053	FALSE
-0,074	0,324	-0,002	0,009	0,097	FALSE
0,028	0,320	0,001	0,007	0,044	FALSE
-0,090	0,314	-0,002	0,006	0,133	FALSE
-0,072	0,299	-0,002	0,006	0,095	FALSE
-0,033	0,308	-0,001	0,011	0,020	FALSE
-0,103	0,318	-0,002	0,007	0,122	FALSE
-0,068	0,309	-0,002	0,008	0,097	FALSE
-0,080	0,306	-0,002	0,013	0,069	FALSE
-0,047	0,316	-0,001	0,007	0,046	FALSE
0,049	0,304	0,001	0,007	0,053	FALSE
0,056	0,304	0,001	0,008	0,054	FALSE
-0,029	0,315	-0,001	0,009	0,032	FALSE
0,003	0,326	0,000	0,011	0,006	FALSE
-0,006	0,303	0,001	0,008	0,036	FALSE
-0,052	0,299	-0,001	0,007	0,055	FALSE
-0,110	0,307	-0,003	0,009	0,152	FALSE
-0,024	0,292	-0,001	0,012	0,040	FALSE
-0,029	0,307	-0,002	0,012	0,060	FALSE
0,047	0,313	0,001	0,008	0,041	FALSE
-0,070	0,316	-0,001	0,007	0,071	FALSE
-0,149	0,310	-0,006	0,012	0,198	FALSE
0,167	0,307	0,006	0,012	0,216	FALSE
0,090	0,306	0,004	0,013	0,138	FALSE
0,018	0,298	0,001	0,011	0,035	FALSE
-0,038	0,326	-0,001	0,011	0,040	FALSE
-0,019	0,310	-0,002	0,013	0,059	FALSE
-0,012	0,316	-0,001	0,013	0,039	FALSE
-0,069	0,309	-0,001	0,007	0,075	FALSE
0,076	0,306	0,001	0,009	0,056	FALSE
-0,030	0,323	-0,001	0,012	0,025	FALSE
-0,021	0,313	-0,001	0,010	0,031	FALSE
-0,089	0,313	-0,003	0,010	0,105	FALSE
-0,030	0,310	-0,001	0,011	0,032	FALSE
-0,140	0,305	-0,004	0,010	0,194	FALSE
0,014	0,300	0,001	0,010	0,034	FALSE
0,009	0,311	0,000	0,006	0,017	FALSE
-0,218	0,297	-0,009	0,012	0,346	FALSE
0,002	0,311	0,000	0,009	0,012	FALSE
-0,089	0,307	-0,002	0,008	0,126	FALSE
-0,096	0,311	-0,002	0,007	0,123	FALSE
-0,073	0,300	-0,002	0,007	0,106	FALSE
-0,089	0,313	-0,002	0,008	0,119	FALSE
-0,024	0,304	-0,001	0,006	0,034	FALSE
-0,075	0,315	-0,002	0,008	0,100	FALSE
0,070	0,307	0,004	0,013	0,114	FALSE
0,056	0,292	0,003	0,012	0,102	FALSE
-0,102	0,318	-0,004	0,011	0,150	FALSE
0,022	0,317	0,002	0,013	0,044	FALSE
-0,135	0,314	-0,003	0,007	0,163	FALSE
0,148	0,313	0,005	0,012	0,175	FALSE
-0,048	0,303	-0,002	0,008	0,069	FALSE

-0,028	0,306	-0,002	0,009	0,063	FALSE
-0,026	0,301	-0,001	0,009	0,053	FALSE
0,057	0,305	0,001	0,007	0,074	FALSE
-0,113	0,298	-0,002	0,007	0,141	FALSE
-0,139	0,301	-0,003	0,007	0,203	FALSE
0,075	0,301	0,003	0,011	0,104	FALSE
0,090	0,310	0,003	0,011	0,107	FALSE
0,036	0,314	0,001	0,013	0,037	FALSE
0,007	0,315	0,000	0,010	0,009	FALSE
-0,024	0,327	-0,002	0,012	0,049	FALSE
-0,015	0,308	-0,001	0,011	0,029	FALSE
-0,059	0,300	-0,002	0,009	0,087	FALSE
-0,068	0,325	-0,002	0,013	0,069	FALSE
0,010	0,316	0,000	0,011	0,014	FALSE
-0,074	0,308	-0,002	0,007	0,089	FALSE
0,011	0,301	0,000	0,011	0,013	FALSE
0,120	0,306	0,005	0,013	0,150	FALSE
0,079	0,327	0,002	0,007	0,101	FALSE
-0,049	0,313	-0,001	0,008	0,037	FALSE
-0,011	0,304	0,000	0,009	0,001	FALSE
-0,015	0,307	0,000	0,009	0,007	FALSE
0,017	0,329	0,000	0,007	0,015	FALSE
0,034	0,310	0,001	0,009	0,022	FALSE
-0,036	0,301	-0,001	0,010	0,042	FALSE
-0,028	0,307	-0,002	0,013	0,046	FALSE
-0,125	0,313	-0,004	0,009	0,161	FALSE
-0,010	0,312	-0,001	0,011	0,025	FALSE
-0,005	0,314	-0,001	0,011	0,019	FALSE
0,005	0,320	0,000	0,013	0,006	FALSE
-0,141	0,304	-0,004	0,010	0,178	FALSE
0,046	0,314	0,001	0,007	0,053	FALSE
-0,030	0,299	0,000	0,012	0,007	FALSE
-0,032	0,293	-0,001	0,007	0,031	FALSE
-0,002	0,318	-0,001	0,008	0,035	FALSE
0,046	0,306	0,001	0,007	0,050	FALSE
0,008	0,300	0,001	0,009	0,030	FALSE
-0,043	0,290	-0,001	0,008	0,055	FALSE
-0,043	0,296	-0,001	0,007	0,035	FALSE
0,174	0,297	0,004	0,007	0,259	FALSE
0,003	0,294	-0,001	0,011	0,021	FALSE
0,070	0,307	0,002	0,010	0,089	FALSE
0,066	0,297	0,002	0,008	0,074	FALSE
0,015	0,305	0,000	0,012	0,005	FALSE
0,028	0,307	0,001	0,012	0,021	FALSE
0,019	0,311	0,000	0,012	0,010	FALSE
0,022	0,313	0,000	0,013	0,006	FALSE
-0,041	0,303	-0,001	0,011	0,039	FALSE
-0,011	0,299	0,001	0,011	0,018	FALSE
0,070	0,313	0,003	0,010	0,102	FALSE
-0,074	0,306	-0,003	0,011	0,087	FALSE
0,024	0,318	0,001	0,013	0,025	FALSE
-0,142	0,297	-0,003	0,006	0,198	FALSE
0,049	0,316	0,001	0,009	0,027	FALSE

0,012	0,309	0,000	0,008	0,011	FALSE
0,057	0,306	0,003	0,011	0,099	FALSE
-0,002	0,306	0,000	0,012	0,000	FALSE
0,009	0,312	0,001	0,011	0,029	FALSE
0,019	0,299	0,001	0,010	0,046	FALSE
0,046	0,290	0,001	0,009	0,039	FALSE
-0,049	0,305	-0,002	0,009	0,073	FALSE
0,068	0,315	0,002	0,009	0,064	FALSE
-0,130	0,301	-0,003	0,007	0,178	FALSE
-0,098	0,316	-0,003	0,012	0,111	FALSE
0,021	0,300	-0,001	0,012	0,028	FALSE
0,015	0,296	0,000	0,006	0,002	FALSE
-0,018	0,300	-0,001	0,006	0,033	FALSE
0,150	0,297	0,006	0,012	0,213	FALSE
0,010	0,311	0,000	0,012	0,005	FALSE
-0,024	0,305	-0,002	0,009	0,065	FALSE
-0,087	0,310	-0,002	0,007	0,107	FALSE
0,035	0,312	0,002	0,012	0,071	FALSE
0,082	0,288	0,002	0,008	0,109	FALSE
0,106	0,298	0,005	0,012	0,173	FALSE
0,054	0,303	0,001	0,008	0,068	FALSE
-0,188	0,291	-0,009	0,012	0,338	FALSE
-0,089	0,300	-0,005	0,012	0,151	FALSE
0,138	0,303	0,003	0,007	0,177	FALSE
0,157	0,302	0,007	0,011	0,265	FALSE
-0,105	0,286	-0,005	0,012	0,178	FALSE
0,069	0,304	0,002	0,009	0,098	FALSE
-0,002	0,312	0,000	0,007	0,002	FALSE
0,076	0,306	0,003	0,009	0,131	FALSE
-0,133	0,299	-0,003	0,009	0,128	FALSE
-0,081	0,307	-0,002	0,008	0,124	FALSE
0,070	0,307	0,002	0,007	0,107	FALSE
0,161	0,300	0,004	0,007	0,226	FALSE
-0,077	0,306	-0,004	0,013	0,138	FALSE
0,035	0,296	0,003	0,012	0,088	FALSE
-0,091	0,305	-0,002	0,008	0,115	FALSE
0,069	0,316	0,002	0,010	0,060	FALSE
-0,062	0,307	-0,002	0,008	0,083	FALSE
0,008	0,305	0,002	0,012	0,052	FALSE
-0,012	0,310	-0,001	0,009	0,055	FALSE
0,105	0,319	0,005	0,012	0,174	FALSE
-0,033	0,310	-0,001	0,010	0,034	FALSE
-0,053	0,309	-0,002	0,008	0,069	FALSE
0,013	0,317	0,000	0,007	0,006	FALSE
0,051	0,299	0,001	0,006	0,082	FALSE
0,076	0,297	0,002	0,008	0,069	FALSE
0,004	0,306	0,000	0,009	0,009	FALSE
-0,061	0,312	-0,002	0,012	0,060	FALSE
-0,126	0,294	-0,005	0,011	0,168	FALSE
-0,117	0,305	-0,006	0,013	0,204	FALSE
-0,046	0,315	-0,001	0,012	0,028	FALSE
0,043	0,305	0,002	0,008	0,089	FALSE
0,043	0,317	0,001	0,012	0,041	FALSE

-0,053	0,318	-0,001	0,010	0,045	FALSE
0,041	0,313	0,001	0,009	0,036	FALSE
-0,024	0,310	-0,001	0,012	0,036	FALSE
0,074	0,300	0,002	0,008	0,078	FALSE
-0,048	0,304	-0,002	0,012	0,064	FALSE
-0,034	0,315	-0,002	0,012	0,052	FALSE
-0,171	0,295	-0,004	0,007	0,255	FALSE
0,109	0,293	0,003	0,008	0,127	FALSE
0,033	0,320	0,000	0,010	0,016	FALSE
0,055	0,306	0,001	0,007	0,071	FALSE
0,032	0,302	0,001	0,008	0,034	FALSE
-0,023	0,305	-0,001	0,009	0,052	FALSE
0,136	0,302	0,003	0,007	0,179	FALSE
-0,064	0,305	-0,003	0,012	0,091	FALSE
-0,128	0,295	-0,003	0,009	0,163	FALSE
0,007	0,308	0,000	0,007	0,007	FALSE
0,149	0,314	0,006	0,013	0,196	FALSE
-0,062	0,311	-0,002	0,008	0,089	FALSE
0,044	0,308	0,002	0,012	0,058	FALSE
0,030	0,309	0,001	0,010	0,027	FALSE
0,028	0,298	0,002	0,009	0,070	FALSE
0,033	0,310	0,002	0,010	0,064	FALSE
0,045	0,292	0,002	0,009	0,083	FALSE
0,044	0,297	0,002	0,009	0,078	FALSE
0,086	0,317	0,003	0,011	0,112	FALSE
-0,037	0,308	-0,002	0,012	0,071	FALSE
-0,075	0,320	-0,002	0,009	0,076	FALSE
-0,057	0,321	-0,002	0,007	0,101	FALSE
-0,109	0,302	-0,003	0,006	0,169	FALSE
-0,139	0,298	-0,004	0,009	0,190	FALSE
-0,148	0,308	-0,004	0,009	0,200	FALSE
-0,055	0,316	-0,002	0,011	0,074	FALSE
-0,184	0,308	-0,005	0,008	0,245	FALSE
-0,052	0,310	-0,002	0,010	0,063	FALSE
-0,093	0,305	-0,003	0,009	0,137	FALSE
-0,042	0,312	-0,001	0,010	0,056	FALSE
0,004	0,303	0,000	0,007	0,024	FALSE
-0,028	0,305	0,000	0,007	0,024	FALSE
0,015	0,306	0,000	0,007	0,022	FALSE
-0,011	0,322	0,000	0,012	0,006	FALSE
0,072	0,310	0,004	0,012	0,122	FALSE
0,058	0,315	0,001	0,008	0,049	FALSE
-0,068	0,301	-0,003	0,012	0,087	FALSE
0,011	0,312	0,001	0,012	0,037	FALSE
0,032	0,312	0,002	0,013	0,071	FALSE
0,024	0,315	0,001	0,013	0,042	FALSE
0,036	0,316	0,002	0,013	0,074	FALSE
-0,033	0,304	-0,001	0,006	0,047	FALSE
0,039	0,290	0,002	0,011	0,072	FALSE
-0,022	0,304	0,000	0,006	0,001	FALSE
0,129	0,306	0,004	0,012	0,123	FALSE
0,026	0,312	0,001	0,009	0,049	FALSE
-0,071	0,305	-0,002	0,009	0,068	FALSE

-0,098	0,317	-0,003	0,013	0,078	FALSE
-0,025	0,314	0,000	0,011	0,001	FALSE
-0,060	0,306	-0,001	0,007	0,059	FALSE
-0,079	0,311	-0,002	0,007	0,104	FALSE
-0,017	0,315	-0,001	0,011	0,037	FALSE
0,121	0,297	0,003	0,007	0,154	FALSE
-0,002	0,313	-0,001	0,011	0,024	FALSE
0,012	0,314	0,001	0,011	0,030	FALSE
0,079	0,316	0,002	0,010	0,098	FALSE
0,037	0,315	0,001	0,007	0,028	FALSE
-0,010	0,313	-0,001	0,008	0,037	FALSE
0,010	0,305	0,000	0,007	0,021	FALSE
0,028	0,297	0,001	0,007	0,049	FALSE
-0,203	0,309	-0,004	0,006	0,296	FALSE
0,009	0,298	0,001	0,007	0,053	FALSE
-0,189	0,302	-0,004	0,006	0,281	FALSE
0,056	0,300	0,002	0,013	0,064	FALSE
0,111	0,303	0,004	0,008	0,177	FALSE
-0,012	0,306	0,000	0,010	0,003	FALSE
-0,112	0,308	-0,003	0,009	0,113	FALSE
-0,170	0,296	-0,004	0,006	0,246	FALSE
-0,158	0,308	-0,006	0,012	0,196	FALSE
-0,172	0,304	-0,006	0,012	0,213	FALSE
-0,163	0,292	-0,003	0,006	0,211	FALSE
-0,049	0,306	-0,002	0,013	0,059	FALSE
-0,093	0,310	-0,004	0,012	0,142	FALSE
0,112	0,306	0,003	0,009	0,127	FALSE
-0,002	0,298	0,001	0,012	0,015	FALSE
0,016	0,295	0,002	0,012	0,048	FALSE
-0,004	0,301	0,001	0,012	0,019	FALSE
0,002	0,291	0,001	0,011	0,043	FALSE
-0,041	0,294	0,000	0,007	0,011	FALSE
-0,021	0,299	0,000	0,012	0,004	FALSE
-0,052	0,308	-0,003	0,011	0,097	FALSE
-0,128	0,303	-0,003	0,007	0,184	FALSE
0,036	0,318	0,001	0,009	0,052	FALSE
0,091	0,301	0,003	0,009	0,123	FALSE
0,026	0,312	0,000	0,011	0,010	FALSE
-0,162	0,295	-0,004	0,007	0,246	FALSE
-0,016	0,301	-0,002	0,011	0,050	FALSE
-0,033	0,314	-0,002	0,012	0,076	FALSE
-0,107	0,311	-0,005	0,012	0,168	FALSE
-0,030	0,314	-0,002	0,013	0,067	FALSE
-0,045	0,300	-0,001	0,007	0,055	FALSE
0,022	0,321	0,001	0,010	0,035	FALSE
0,038	0,314	0,000	0,008	0,022	FALSE
-0,009	0,297	-0,001	0,012	0,025	FALSE
0,077	0,304	0,003	0,011	0,103	FALSE
-0,060	0,300	-0,001	0,007	0,058	FALSE
0,060	0,311	0,002	0,010	0,074	FALSE
0,062	0,310	0,002	0,010	0,070	FALSE
0,041	0,312	0,002	0,013	0,068	FALSE
0,032	0,312	0,002	0,013	0,050	FALSE

0,093	0,309	0,003	0,010	0,123	FALSE
0,046	0,315	0,001	0,008	0,054	FALSE
-0,075	0,312	-0,002	0,007	0,094	FALSE
0,041	0,306	0,002	0,012	0,051	FALSE
0,045	0,297	0,002	0,011	0,064	FALSE
0,061	0,313	0,002	0,012	0,071	FALSE
0,069	0,309	0,002	0,010	0,056	FALSE
0,044	0,306	0,002	0,012	0,061	FALSE
-0,021	0,298	-0,002	0,011	0,049	FALSE
0,000	0,296	0,000	0,007	0,016	FALSE
0,070	0,316	0,001	0,007	0,066	FALSE
0,166	0,307	0,003	0,006	0,212	FALSE
0,081	0,303	0,003	0,010	0,105	FALSE
-0,023	0,302	-0,001	0,008	0,034	FALSE
-0,011	0,295	0,000	0,008	0,019	FALSE
0,012	0,298	0,000	0,008	0,012	FALSE
-0,085	0,310	-0,002	0,007	0,099	FALSE
0,016	0,290	0,000	0,007	0,024	FALSE
0,012	0,307	0,001	0,008	0,035	FALSE
0,003	0,312	-0,001	0,009	0,030	FALSE
0,000	0,311	-0,001	0,006	0,032	FALSE
-0,031	0,307	-0,001	0,007	0,050	FALSE
0,058	0,300	0,001	0,006	0,046	FALSE
0,036	0,308	0,000	0,006	0,003	FALSE
-0,040	0,320	-0,001	0,008	0,046	FALSE
-0,125	0,301	-0,006	0,012	0,198	FALSE
0,151	0,273	0,005	0,007	0,302	FALSE
0,038	0,303	0,001	0,010	0,054	FALSE
0,037	0,308	0,001	0,011	0,034	FALSE
-0,034	0,303	-0,001	0,012	0,037	FALSE
0,105	0,303	0,003	0,007	0,153	FALSE
0,035	0,314	0,001	0,007	0,044	FALSE
0,108	0,304	0,003	0,009	0,157	FALSE
0,008	0,310	0,001	0,012	0,034	FALSE
-0,006	0,303	-0,001	0,010	0,029	FALSE
-0,045	0,296	-0,003	0,012	0,082	FALSE
-0,027	0,298	-0,001	0,009	0,057	FALSE
-0,022	0,305	0,000	0,006	0,021	FALSE
-0,101	0,308	-0,002	0,006	0,166	FALSE
0,104	0,290	0,004	0,008	0,191	FALSE
0,032	0,301	0,001	0,008	0,039	FALSE
-0,205	0,280	-0,004	0,006	0,288	FALSE
0,060	0,319	0,002	0,013	0,050	FALSE
0,042	0,315	0,001	0,006	0,051	FALSE
0,054	0,314	0,002	0,010	0,074	FALSE
-0,005	0,311	0,000	0,011	0,014	FALSE
0,016	0,307	0,001	0,007	0,042	FALSE
0,087	0,301	0,002	0,007	0,140	FALSE
0,066	0,304	0,002	0,012	0,072	FALSE
0,114	0,293	0,003	0,007	0,159	FALSE
-0,110	0,322	-0,004	0,009	0,172	FALSE
0,065	0,326	0,001	0,007	0,070	FALSE
-0,075	0,302	-0,002	0,010	0,093	FALSE

-0,039	0,303	-0,001	0,010	0,018	FALSE
-0,047	0,319	-0,001	0,009	0,055	FALSE
-0,035	0,312	-0,001	0,009	0,040	FALSE
0,075	0,298	0,002	0,008	0,072	FALSE
0,081	0,311	0,001	0,007	0,078	FALSE
-0,028	0,307	-0,001	0,010	0,024	FALSE
-0,037	0,305	-0,001	0,008	0,038	FALSE
-0,037	0,305	-0,001	0,007	0,053	FALSE
-0,131	0,291	-0,004	0,009	0,197	FALSE
-0,047	0,305	-0,002	0,009	0,089	FALSE
-0,002	0,292	0,000	0,007	0,023	FALSE
0,158	0,306	0,007	0,012	0,243	FALSE
-0,037	0,292	-0,002	0,010	0,080	FALSE
0,181	0,304	0,005	0,008	0,238	FALSE
0,082	0,301	0,004	0,012	0,114	FALSE
0,095	0,297	0,004	0,011	0,149	FALSE
-0,129	0,329	-0,003	0,009	0,153	FALSE
-0,059	0,312	-0,002	0,013	0,057	FALSE
-0,060	0,318	-0,003	0,011	0,103	FALSE
-0,045	0,304	-0,001	0,011	0,044	FALSE
-0,052	0,309	-0,002	0,011	0,071	FALSE
-0,080	0,312	-0,003	0,010	0,095	FALSE
-0,076	0,308	-0,002	0,011	0,086	FALSE
0,032	0,317	0,001	0,009	0,025	FALSE
-0,069	0,300	-0,002	0,009	0,082	FALSE
-0,054	0,299	-0,001	0,009	0,056	FALSE
-0,072	0,326	-0,002	0,011	0,079	FALSE
-0,082	0,308	-0,002	0,009	0,096	FALSE
-0,084	0,303	-0,002	0,009	0,096	FALSE
-0,095	0,292	-0,003	0,008	0,137	FALSE
-0,167	0,292	-0,006	0,012	0,226	FALSE
-0,099	0,304	-0,003	0,008	0,132	FALSE
-0,047	0,296	-0,002	0,009	0,067	FALSE
-0,043	0,305	-0,001	0,009	0,055	FALSE
-0,135	0,301	-0,003	0,007	0,195	FALSE
-0,047	0,301	-0,001	0,008	0,049	FALSE
0,074	0,312	0,002	0,010	0,080	FALSE
-0,082	0,299	-0,002	0,007	0,100	FALSE
-0,030	0,314	0,000	0,010	0,014	FALSE
-0,042	0,299	-0,001	0,007	0,064	FALSE
-0,004	0,306	0,000	0,007	0,005	FALSE
-0,010	0,318	-0,001	0,011	0,019	FALSE
-0,102	0,310	-0,004	0,012	0,146	FALSE
-0,080	0,286	-0,003	0,011	0,116	FALSE
0,057	0,304	0,002	0,011	0,065	FALSE
-0,026	0,302	-0,001	0,009	0,022	FALSE
-0,107	0,317	-0,002	0,006	0,113	FALSE
0,167	0,303	0,004	0,008	0,223	FALSE
-0,139	0,284	-0,006	0,010	0,231	FALSE
-0,087	0,303	-0,003	0,009	0,135	FALSE
0,024	0,295	0,001	0,010	0,021	FALSE
-0,005	0,298	0,000	0,007	0,025	FALSE
-0,050	0,324	-0,001	0,008	0,035	FALSE

-0,101	0,313	-0,003	0,008	0,156	FALSE
-0,023	0,325	-0,001	0,009	0,041	FALSE
0,032	0,320	0,001	0,010	0,035	FALSE
-0,039	0,317	-0,001	0,007	0,059	FALSE
0,080	0,313	0,002	0,006	0,103	FALSE
-0,092	0,299	-0,004	0,011	0,137	FALSE
-0,047	0,313	-0,001	0,007	0,073	FALSE
0,105	0,300	0,003	0,008	0,154	FALSE
-0,060	0,303	-0,001	0,008	0,069	FALSE
-0,010	0,305	0,000	0,012	0,007	FALSE
-0,024	0,305	-0,001	0,012	0,023	FALSE
0,132	0,326	0,004	0,012	0,149	FALSE
0,026	0,317	0,001	0,009	0,035	FALSE
-0,075	0,309	-0,001	0,007	0,075	FALSE
-0,054	0,309	-0,001	0,007	0,036	FALSE
0,080	0,311	0,003	0,011	0,088	FALSE
0,075	0,301	0,003	0,012	0,088	FALSE
0,105	0,312	0,004	0,011	0,133	FALSE
0,066	0,287	0,002	0,011	0,063	FALSE
-0,088	0,306	-0,003	0,010	0,105	FALSE
-0,009	0,298	0,000	0,009	0,012	FALSE
0,002	0,318	0,000	0,009	0,014	FALSE
-0,034	0,307	-0,003	0,013	0,080	FALSE
0,012	0,313	0,000	0,011	0,014	FALSE
0,029	0,315	0,000	0,007	0,014	FALSE
-0,019	0,307	-0,001	0,011	0,042	FALSE
-0,030	0,292	-0,003	0,011	0,096	FALSE
-0,130	0,305	-0,006	0,012	0,209	FALSE
-0,142	0,295	-0,004	0,010	0,173	FALSE
0,065	0,295	0,002	0,007	0,098	FALSE
-0,139	0,306	-0,004	0,009	0,196	FALSE
-0,069	0,303	-0,001	0,006	0,084	FALSE
-0,064	0,311	-0,001	0,007	0,061	FALSE
-0,119	0,291	-0,005	0,011	0,202	FALSE
-0,032	0,312	-0,001	0,009	0,031	FALSE
0,035	0,304	0,000	0,009	0,002	FALSE
0,055	0,317	0,002	0,009	0,076	FALSE
0,033	0,311	0,001	0,009	0,039	FALSE
0,093	0,306	0,004	0,012	0,136	FALSE
0,038	0,320	0,001	0,007	0,065	FALSE
0,055	0,299	0,001	0,006	0,088	FALSE
-0,117	0,301	-0,003	0,007	0,151	FALSE
-0,137	0,306	-0,005	0,009	0,221	FALSE
0,005	0,303	0,000	0,008	0,004	FALSE
-0,098	0,302	-0,003	0,009	0,115	FALSE
-0,109	0,310	-0,003	0,010	0,105	FALSE
-0,084	0,298	-0,005	0,011	0,166	FALSE
0,066	0,299	0,002	0,007	0,107	FALSE
-0,049	0,312	-0,003	0,011	0,097	FALSE
-0,007	0,301	0,000	0,008	0,003	FALSE
0,029	0,294	0,002	0,012	0,061	FALSE
0,009	0,304	0,000	0,007	0,003	FALSE
-0,102	0,305	-0,005	0,012	0,155	FALSE

-0,146	0,307	-0,007	0,013	0,221	FALSE
0,044	0,303	0,003	0,011	0,100	FALSE
0,077	0,321	0,002	0,010	0,095	FALSE
0,027	0,311	0,001	0,010	0,043	FALSE
0,018	0,298	0,001	0,010	0,037	FALSE
0,007	0,309	0,001	0,008	0,028	FALSE
0,007	0,304	0,001	0,012	0,018	FALSE
-0,008	0,323	0,000	0,008	0,005	FALSE
0,083	0,291	0,002	0,006	0,114	FALSE
-0,095	0,318	-0,004	0,012	0,138	FALSE
-0,027	0,313	0,000	0,007	0,018	FALSE
0,055	0,301	0,001	0,007	0,051	FALSE
0,038	0,317	0,001	0,009	0,031	FALSE
-0,141	0,303	-0,006	0,012	0,197	FALSE
-0,043	0,303	-0,001	0,007	0,052	FALSE
-0,031	0,304	-0,002	0,012	0,050	FALSE
-0,190	0,306	-0,008	0,011	0,318	FALSE
-0,079	0,302	-0,003	0,012	0,101	FALSE
0,030	0,300	0,002	0,011	0,057	FALSE
0,011	0,314	0,000	0,010	0,001	FALSE
-0,012	0,315	0,000	0,006	0,010	FALSE
-0,053	0,312	-0,002	0,012	0,057	FALSE
-0,111	0,318	-0,005	0,011	0,171	FALSE
-0,011	0,317	0,000	0,011	0,004	FALSE
-0,118	0,289	-0,004	0,010	0,138	FALSE
0,123	0,301	0,005	0,012	0,156	FALSE
-0,161	0,304	-0,004	0,007	0,222	FALSE
0,004	0,303	0,000	0,007	0,007	FALSE
0,048	0,310	0,002	0,011	0,058	FALSE
0,018	0,311	0,000	0,006	0,014	FALSE
0,037	0,308	0,002	0,009	0,067	FALSE
0,002	0,312	0,001	0,012	0,018	FALSE
0,035	0,304	0,001	0,011	0,022	FALSE
0,029	0,303	0,001	0,007	0,042	FALSE
0,026	0,318	0,001	0,008	0,042	FALSE
0,220	0,291	0,007	0,010	0,328	FALSE
0,202	0,288	0,007	0,010	0,299	FALSE
-0,116	0,314	-0,005	0,012	0,155	FALSE
0,226	0,291	0,007	0,010	0,344	FALSE
-0,128	0,312	-0,004	0,008	0,179	FALSE
0,206	0,280	0,007	0,009	0,350	FALSE
-0,025	0,311	-0,001	0,013	0,038	FALSE
0,024	0,302	0,002	0,008	0,078	FALSE
0,177	0,288	0,004	0,007	0,254	FALSE
-0,035	0,306	-0,001	0,010	0,035	FALSE
0,054	0,310	0,002	0,010	0,073	FALSE
0,023	0,304	0,001	0,010	0,045	FALSE
0,008	0,314	0,001	0,011	0,023	FALSE
0,123	0,315	0,004	0,009	0,183	FALSE
0,173	0,299	0,004	0,007	0,233	FALSE
-0,010	0,300	0,001	0,009	0,020	FALSE
0,053	0,302	0,001	0,007	0,074	FALSE
-0,019	0,302	0,000	0,009	0,003	FALSE

0,188	0,313	0,005	0,009	0,243	FALSE
0,192	0,290	0,006	0,010	0,252	FALSE
0,142	0,309	0,004	0,007	0,212	FALSE
0,061	0,310	0,002	0,009	0,103	FALSE
-0,090	0,298	-0,003	0,011	0,118	FALSE
0,022	0,303	0,000	0,011	0,011	FALSE
-0,020	0,304	-0,002	0,012	0,064	FALSE
0,137	0,288	0,003	0,007	0,212	FALSE
-0,032	0,308	-0,001	0,007	0,031	FALSE
-0,105	0,308	-0,003	0,010	0,113	FALSE
-0,139	0,306	-0,005	0,010	0,193	FALSE
-0,055	0,295	-0,001	0,006	0,059	FALSE
-0,004	0,311	0,000	0,012	0,009	FALSE
0,003	0,322	0,000	0,013	0,001	FALSE
0,012	0,307	0,000	0,012	0,013	FALSE
-0,011	0,303	0,000	0,007	0,001	FALSE
-0,023	0,312	-0,001	0,012	0,021	FALSE
-0,012	0,309	-0,001	0,012	0,018	FALSE
0,005	0,305	0,000	0,012	0,007	FALSE
-0,001	0,309	0,000	0,012	0,001	FALSE
0,008	0,327	0,000	0,014	0,004	FALSE
0,013	0,316	0,000	0,013	0,009	FALSE
-0,014	0,309	0,000	0,012	0,014	FALSE
0,010	0,319	0,000	0,012	0,013	FALSE
-0,015	0,323	-0,001	0,013	0,025	FALSE
0,000	0,304	0,000	0,012	0,008	FALSE
-0,003	0,314	0,000	0,013	0,007	FALSE
-0,006	0,310	0,000	0,012	0,007	FALSE
-0,008	0,317	0,000	0,013	0,013	FALSE
-0,044	0,311	-0,002	0,013	0,056	FALSE
-0,013	0,328	-0,001	0,013	0,016	FALSE
-0,010	0,316	0,000	0,012	0,009	FALSE
-0,032	0,315	-0,001	0,013	0,031	FALSE
-0,012	0,327	0,000	0,013	0,008	FALSE
-0,015	0,314	-0,001	0,013	0,020	FALSE
-0,002	0,311	0,000	0,012	0,002	FALSE
0,182	0,309	0,003	0,006	0,220	FALSE
-0,119	0,303	-0,004	0,008	0,175	FALSE
0,013	0,306	0,000	0,006	0,018	FALSE
-0,080	0,315	-0,004	0,012	0,128	FALSE
0,091	0,308	0,003	0,010	0,137	FALSE
-0,099	0,299	-0,003	0,011	0,125	FALSE
0,028	0,301	0,000	0,006	0,024	FALSE
0,041	0,323	0,001	0,008	0,052	FALSE
-0,132	0,310	-0,004	0,008	0,199	FALSE
-0,154	0,307	-0,006	0,012	0,200	FALSE
-0,106	0,298	-0,003	0,010	0,122	FALSE
0,138	0,302	0,004	0,008	0,199	FALSE
-0,009	0,316	0,000	0,007	0,009	FALSE
-0,127	0,309	-0,004	0,011	0,123	FALSE
-0,023	0,314	-0,001	0,009	0,050	FALSE
-0,040	0,304	-0,001	0,006	0,064	FALSE
-0,083	0,317	-0,003	0,010	0,102	FALSE

0,024	0,312	0,000	0,013	0,008	FALSE
0,008	0,298	0,000	0,012	0,003	FALSE
0,009	0,313	0,001	0,012	0,016	FALSE
0,015	0,317	0,001	0,013	0,014	FALSE
0,032	0,316	0,001	0,013	0,026	FALSE
0,160	0,301	0,004	0,008	0,218	FALSE
0,037	0,310	0,001	0,009	0,056	FALSE
0,079	0,301	0,004	0,012	0,118	FALSE
0,019	0,298	0,001	0,009	0,036	FALSE
0,142	0,305	0,003	0,007	0,193	FALSE
0,006	0,321	0,000	0,013	0,001	FALSE
0,003	0,320	0,000	0,013	0,001	FALSE
-0,012	0,317	-0,001	0,012	0,015	FALSE
-0,024	0,315	-0,001	0,012	0,015	FALSE
0,003	0,320	0,000	0,013	0,010	FALSE
-0,034	0,315	-0,001	0,012	0,037	FALSE
-0,013	0,323	0,000	0,013	0,013	FALSE
-0,016	0,314	-0,001	0,012	0,034	FALSE
0,023	0,318	0,001	0,013	0,022	FALSE
-0,007	0,319	0,000	0,013	0,006	FALSE
0,001	0,319	0,000	0,013	0,001	FALSE
0,002	0,326	0,000	0,013	0,006	FALSE
-0,014	0,323	-0,001	0,013	0,018	FALSE
-0,076	0,317	-0,002	0,007	0,101	FALSE
-0,041	0,315	-0,001	0,007	0,053	FALSE
-0,070	0,304	-0,001	0,008	0,069	FALSE
-0,090	0,306	-0,003	0,010	0,129	FALSE
-0,024	0,300	0,000	0,012	0,010	FALSE
0,087	0,312	0,002	0,010	0,093	FALSE
-0,021	0,326	-0,001	0,011	0,043	FALSE
-0,094	0,318	-0,003	0,008	0,136	FALSE
0,127	0,290	0,004	0,008	0,185	FALSE
-0,055	0,306	-0,002	0,012	0,068	FALSE
0,046	0,318	0,001	0,009	0,034	FALSE
0,077	0,315	0,004	0,012	0,131	FALSE
0,143	0,310	0,004	0,008	0,192	FALSE
0,052	0,318	0,002	0,009	0,080	FALSE
-0,074	0,297	-0,002	0,008	0,087	FALSE
0,130	0,306	0,005	0,012	0,155	FALSE
0,024	0,317	0,000	0,008	0,014	FALSE
-0,037	0,305	-0,001	0,007	0,064	FALSE
-0,092	0,309	-0,002	0,006	0,122	FALSE
-0,068	0,304	-0,002	0,007	0,090	FALSE
0,203	0,301	0,006	0,011	0,249	FALSE
0,227	0,293	0,008	0,012	0,310	FALSE
0,040	0,306	0,001	0,007	0,062	FALSE
-0,155	0,313	-0,007	0,013	0,232	FALSE
0,046	0,300	0,001	0,010	0,037	FALSE
-0,068	0,308	-0,001	0,007	0,072	FALSE
-0,050	0,301	-0,001	0,007	0,031	FALSE
-0,083	0,302	-0,003	0,009	0,110	FALSE
-0,127	0,319	-0,004	0,009	0,182	FALSE
-0,080	0,299	-0,004	0,013	0,131	FALSE

-0,013	0,304	0,000	0,011	0,005	FALSE
0,048	0,309	0,000	0,006	0,010	FALSE
0,040	0,315	0,001	0,009	0,044	FALSE
-0,012	0,305	-0,001	0,012	0,034	FALSE
-0,027	0,323	0,000	0,008	0,015	FALSE
0,173	0,300	0,007	0,011	0,254	FALSE
0,075	0,307	0,003	0,010	0,109	FALSE
-0,063	0,306	-0,002	0,011	0,083	FALSE
0,037	0,309	0,001	0,013	0,029	FALSE
-0,017	0,310	-0,001	0,012	0,034	FALSE
-0,056	0,322	-0,002	0,013	0,074	FALSE
0,102	0,292	0,002	0,006	0,130	FALSE
0,048	0,306	0,002	0,009	0,091	FALSE
-0,002	0,307	0,000	0,012	0,001	FALSE
-0,001	0,314	-0,001	0,011	0,031	FALSE
0,117	0,299	0,005	0,012	0,175	FALSE
0,011	0,309	0,000	0,009	0,009	FALSE
-0,112	0,314	-0,004	0,011	0,155	FALSE
-0,091	0,318	-0,004	0,013	0,127	FALSE
-0,110	0,326	-0,003	0,009	0,155	FALSE
0,026	0,305	0,000	0,007	0,020	FALSE
0,024	0,311	0,000	0,007	0,014	FALSE
0,006	0,302	0,000	0,008	0,005	FALSE
-0,008	0,310	0,000	0,008	0,020	FALSE
-0,038	0,309	-0,002	0,012	0,056	FALSE
0,083	0,301	0,003	0,010	0,119	FALSE
-0,012	0,305	0,000	0,012	0,011	FALSE
0,064	0,326	0,002	0,011	0,081	FALSE
0,061	0,305	0,002	0,010	0,091	FALSE
-0,076	0,314	-0,003	0,010	0,110	FALSE
0,055	0,317	0,002	0,011	0,077	FALSE
0,076	0,317	0,003	0,010	0,112	FALSE
0,091	0,310	0,003	0,010	0,118	FALSE
-0,054	0,312	-0,002	0,012	0,066	FALSE
0,004	0,323	0,000	0,006	0,020	FALSE
0,069	0,310	0,003	0,011	0,093	FALSE
0,073	0,315	0,003	0,011	0,113	FALSE
0,079	0,299	0,003	0,011	0,121	FALSE
0,081	0,308	0,003	0,010	0,111	FALSE
0,189	0,287	0,008	0,012	0,305	FALSE
0,148	0,305	0,007	0,012	0,235	FALSE
-0,008	0,300	0,001	0,011	0,027	FALSE
-0,035	0,309	0,000	0,007	0,019	FALSE
-0,052	0,309	-0,001	0,007	0,048	FALSE
-0,006	0,321	0,000	0,012	0,002	FALSE
-0,034	0,309	-0,001	0,008	0,051	FALSE
-0,082	0,315	-0,002	0,008	0,115	FALSE
0,067	0,305	0,002	0,006	0,116	FALSE
-0,088	0,302	-0,005	0,012	0,160	FALSE
-0,054	0,298	-0,003	0,009	0,126	FALSE
0,083	0,302	0,005	0,012	0,156	FALSE
-0,040	0,311	-0,001	0,007	0,028	FALSE
0,062	0,310	0,002	0,009	0,085	FALSE

0,040	0,287	0,001	0,011	0,035	FALSE
-0,006	0,303	0,000	0,009	0,006	FALSE
0,079	0,303	0,003	0,009	0,113	FALSE
-0,021	0,319	0,000	0,011	0,007	FALSE
-0,018	0,305	0,000	0,011	0,008	FALSE
-0,049	0,302	-0,001	0,011	0,044	FALSE
-0,096	0,313	-0,003	0,007	0,165	FALSE
-0,032	0,303	-0,002	0,012	0,055	FALSE
-0,053	0,313	-0,001	0,006	0,056	FALSE
-0,078	0,321	-0,001	0,007	0,073	FALSE
-0,041	0,311	-0,002	0,011	0,055	FALSE
0,057	0,315	0,001	0,006	0,034	FALSE
-0,012	0,295	0,000	0,006	0,005	FALSE
0,056	0,305	0,002	0,012	0,053	FALSE
0,048	0,304	0,002	0,009	0,065	FALSE
-0,144	0,304	-0,004	0,009	0,173	FALSE
-0,029	0,306	-0,001	0,008	0,048	FALSE
-0,076	0,306	-0,002	0,008	0,097	FALSE
-0,054	0,300	-0,001	0,009	0,031	FALSE
-0,034	0,302	-0,002	0,010	0,088	FALSE
0,083	0,297	0,001	0,007	0,061	FALSE
0,051	0,304	0,002	0,008	0,101	FALSE
-0,065	0,311	-0,001	0,007	0,068	FALSE
0,048	0,296	0,002	0,011	0,054	FALSE
-0,021	0,305	-0,001	0,011	0,035	FALSE
-0,020	0,308	-0,001	0,008	0,027	FALSE
0,077	0,312	0,002	0,010	0,088	FALSE
-0,070	0,301	-0,002	0,010	0,090	FALSE
-0,058	0,317	-0,002	0,011	0,059	FALSE
0,047	0,312	0,001	0,008	0,037	FALSE
-0,035	0,319	-0,001	0,009	0,056	FALSE
0,004	0,293	0,000	0,009	0,007	FALSE
0,114	0,294	0,003	0,009	0,126	FALSE
0,015	0,304	0,000	0,006	0,003	FALSE
0,081	0,307	0,003	0,011	0,115	FALSE
0,078	0,310	0,003	0,010	0,114	FALSE
0,044	0,313	0,001	0,008	0,057	FALSE
0,099	0,308	0,005	0,012	0,148	FALSE
0,042	0,323	0,001	0,008	0,052	FALSE
0,151	0,299	0,005	0,008	0,266	FALSE
0,095	0,297	0,004	0,012	0,124	FALSE
0,051	0,298	0,001	0,007	0,055	FALSE
0,082	0,311	0,003	0,009	0,123	FALSE
-0,206	0,306	-0,008	0,011	0,334	FALSE
-0,140	0,309	-0,004	0,009	0,213	FALSE
-0,122	0,325	-0,004	0,009	0,174	FALSE
-0,004	0,312	0,000	0,012	0,007	FALSE
0,137	0,300	0,005	0,009	0,244	FALSE
0,088	0,298	0,004	0,009	0,173	FALSE
-0,044	0,305	-0,001	0,012	0,037	FALSE
-0,032	0,323	-0,002	0,013	0,058	FALSE
-0,010	0,320	-0,001	0,013	0,037	FALSE
0,120	0,299	0,003	0,007	0,163	FALSE

0,109	0,300	0,003	0,007	0,142	FALSE
0,032	0,309	0,001	0,008	0,052	FALSE
-0,069	0,312	-0,004	0,012	0,128	FALSE
-0,123	0,304	-0,005	0,011	0,193	FALSE
0,074	0,297	0,002	0,007	0,082	FALSE
-0,146	0,297	-0,006	0,011	0,234	FALSE
0,081	0,294	0,003	0,008	0,154	FALSE
0,105	0,290	0,005	0,012	0,167	FALSE
0,007	0,299	0,000	0,007	0,011	FALSE
0,062	0,305	0,003	0,008	0,120	FALSE
0,035	0,306	0,001	0,009	0,040	FALSE
-0,122	0,311	-0,003	0,007	0,168	FALSE
0,090	0,295	0,003	0,008	0,150	FALSE
0,049	0,305	0,003	0,011	0,096	FALSE
0,035	0,315	0,001	0,007	0,044	FALSE
0,086	0,313	0,004	0,011	0,130	FALSE
0,025	0,318	0,001	0,012	0,019	FALSE
0,057	0,297	0,002	0,011	0,078	FALSE
0,102	0,301	0,005	0,010	0,189	FALSE
0,110	0,307	0,005	0,011	0,172	FALSE
0,083	0,305	0,003	0,010	0,121	FALSE
0,051	0,305	0,002	0,012	0,057	FALSE
0,114	0,308	0,005	0,011	0,170	FALSE
0,100	0,304	0,004	0,011	0,152	FALSE
0,122	0,314	0,005	0,011	0,168	FALSE
-0,102	0,295	-0,002	0,006	0,144	FALSE
0,029	0,301	0,002	0,010	0,070	FALSE
0,060	0,307	0,003	0,011	0,089	FALSE
0,111	0,313	0,005	0,011	0,171	FALSE
0,124	0,314	0,005	0,011	0,179	FALSE
-0,037	0,317	-0,001	0,007	0,067	FALSE
0,122	0,292	0,004	0,008	0,193	FALSE
-0,060	0,294	-0,002	0,009	0,081	FALSE
-0,128	0,314	-0,003	0,008	0,148	FALSE
-0,068	0,316	-0,002	0,006	0,099	FALSE
0,008	0,318	0,000	0,006	0,023	FALSE
0,014	0,309	0,000	0,012	0,011	FALSE
0,016	0,328	0,000	0,013	0,011	FALSE
0,023	0,317	0,001	0,012	0,027	FALSE
0,018	0,324	0,001	0,013	0,016	FALSE
0,030	0,320	0,001	0,013	0,035	FALSE
0,013	0,322	0,001	0,013	0,016	FALSE
-0,002	0,312	0,000	0,012	0,010	FALSE
-0,011	0,311	-0,001	0,007	0,044	FALSE
-0,143	0,304	-0,005	0,011	0,197	FALSE
0,002	0,319	0,000	0,008	0,012	FALSE
-0,023	0,306	-0,001	0,011	0,046	FALSE
-0,046	0,302	-0,002	0,011	0,066	FALSE
-0,028	0,318	-0,002	0,011	0,048	FALSE
0,063	0,317	0,003	0,013	0,098	FALSE
-0,041	0,309	-0,002	0,012	0,062	FALSE
0,100	0,315	0,004	0,013	0,131	FALSE
0,050	0,314	0,001	0,007	0,079	FALSE

-0,018	0,322	-0,001	0,010	0,021	FALSE
0,055	0,302	0,001	0,008	0,049	FALSE
0,157	0,308	0,005	0,011	0,196	FALSE
0,055	0,312	0,002	0,010	0,093	FALSE
0,065	0,309	0,002	0,009	0,091	FALSE
-0,114	0,307	-0,005	0,013	0,163	FALSE
-0,110	0,302	-0,005	0,012	0,174	FALSE
-0,104	0,306	-0,005	0,012	0,160	FALSE
0,141	0,318	0,003	0,008	0,166	FALSE
-0,109	0,302	-0,005	0,012	0,177	FALSE
-0,092	0,298	-0,004	0,011	0,154	FALSE
0,152	0,311	0,004	0,008	0,216	FALSE
-0,101	0,292	-0,005	0,011	0,172	FALSE
0,061	0,305	0,001	0,006	0,087	FALSE
-0,067	0,313	-0,002	0,007	0,079	FALSE
0,068	0,309	0,002	0,008	0,072	FALSE
-0,083	0,303	-0,003	0,011	0,110	FALSE
-0,036	0,312	-0,002	0,013	0,044	FALSE
-0,095	0,313	-0,003	0,009	0,136	FALSE
0,048	0,288	0,001	0,006	0,064	FALSE
0,006	0,307	0,000	0,012	0,000	FALSE
0,077	0,302	0,002	0,009	0,100	FALSE
-0,043	0,301	-0,001	0,012	0,028	FALSE
0,008	0,314	0,001	0,013	0,033	FALSE
0,105	0,303	0,002	0,007	0,107	FALSE
-0,010	0,305	-0,001	0,011	0,021	FALSE
-0,005	0,300	-0,001	0,013	0,020	FALSE
0,028	0,309	0,001	0,012	0,043	FALSE
-0,072	0,314	-0,002	0,009	0,099	FALSE
0,031	0,315	0,000	0,010	0,015	FALSE
0,145	0,295	0,005	0,010	0,193	FALSE
-0,038	0,308	-0,001	0,012	0,029	FALSE
-0,080	0,305	-0,003	0,011	0,098	FALSE
-0,050	0,299	-0,001	0,011	0,043	FALSE
-0,161	0,305	-0,007	0,012	0,232	FALSE
-0,031	0,309	-0,001	0,012	0,021	FALSE
-0,057	0,313	-0,002	0,012	0,050	FALSE
-0,042	0,306	-0,001	0,012	0,030	FALSE
-0,034	0,315	-0,001	0,008	0,051	FALSE
0,065	0,314	0,002	0,008	0,083	FALSE
0,095	0,308	0,003	0,010	0,107	FALSE
-0,040	0,303	-0,002	0,012	0,048	FALSE
0,032	0,312	0,001	0,011	0,039	FALSE
0,012	0,306	0,000	0,012	0,009	FALSE
-0,024	0,306	-0,001	0,012	0,015	FALSE
0,025	0,316	0,001	0,008	0,031	FALSE
-0,115	0,313	-0,003	0,008	0,154	FALSE
0,096	0,303	0,003	0,008	0,160	FALSE
-0,034	0,317	-0,002	0,010	0,057	FALSE
0,011	0,307	0,001	0,008	0,040	FALSE
0,087	0,315	0,002	0,007	0,103	FALSE
-0,012	0,319	0,000	0,009	0,009	FALSE
-0,049	0,299	-0,001	0,007	0,030	FALSE

-0,065	0,283	-0,001	0,007	0,059	FALSE
-0,114	0,302	-0,003	0,008	0,130	FALSE
-0,079	0,312	-0,001	0,008	0,070	FALSE
-0,225	0,298	-0,005	0,007	0,311	FALSE
0,111	0,312	0,004	0,010	0,157	FALSE
-0,029	0,295	-0,002	0,009	0,078	FALSE
-0,047	0,295	-0,002	0,009	0,107	FALSE
-0,056	0,301	-0,001	0,010	0,022	FALSE
-0,028	0,299	-0,002	0,009	0,073	FALSE
0,010	0,313	0,000	0,013	0,005	FALSE
0,000	0,305	0,000	0,010	0,011	FALSE
-0,051	0,310	-0,001	0,006	0,064	FALSE
-0,064	0,289	-0,002	0,010	0,095	FALSE
0,035	0,325	0,000	0,008	0,020	FALSE
0,088	0,317	0,003	0,011	0,092	FALSE
0,026	0,307	0,001	0,012	0,042	FALSE
0,000	0,306	0,000	0,010	0,011	FALSE
-0,052	0,314	-0,002	0,012	0,067	FALSE
0,119	0,300	0,003	0,009	0,146	FALSE
-0,049	0,317	-0,001	0,009	0,049	FALSE
0,028	0,299	0,000	0,012	0,010	FALSE
0,041	0,321	0,002	0,013	0,050	FALSE
-0,080	0,310	-0,003	0,011	0,094	FALSE
-0,079	0,300	-0,003	0,010	0,092	FALSE
-0,086	0,307	-0,003	0,011	0,106	FALSE
0,010	0,305	0,000	0,007	0,011	FALSE
-0,098	0,327	-0,002	0,008	0,120	FALSE
-0,029	0,301	0,000	0,007	0,013	FALSE
0,029	0,304	0,000	0,009	0,016	FALSE
0,012	0,300	0,000	0,010	0,003	FALSE
-0,013	0,314	-0,001	0,010	0,024	FALSE
0,010	0,303	-0,001	0,012	0,025	FALSE
-0,013	0,301	0,000	0,008	0,003	FALSE
0,021	0,307	0,001	0,008	0,055	FALSE
0,199	0,306	0,008	0,012	0,301	FALSE
-0,028	0,308	0,000	0,007	0,025	FALSE
-0,015	0,319	-0,001	0,011	0,026	FALSE
-0,010	0,316	0,000	0,011	0,015	FALSE
0,196	0,294	0,008	0,011	0,326	FALSE
-0,087	0,299	-0,002	0,008	0,118	FALSE
-0,034	0,307	-0,003	0,012	0,090	FALSE
-0,052	0,308	-0,001	0,007	0,067	FALSE
0,097	0,309	0,004	0,012	0,127	FALSE
0,037	0,311	0,001	0,008	0,030	FALSE
-0,039	0,316	-0,001	0,006	0,086	FALSE
0,039	0,303	0,001	0,008	0,052	FALSE
-0,015	0,313	0,000	0,007	0,017	FALSE
-0,107	0,308	-0,004	0,011	0,135	FALSE
-0,020	0,323	-0,001	0,008	0,033	FALSE
-0,048	0,329	-0,001	0,011	0,047	FALSE
0,098	0,303	0,004	0,013	0,120	FALSE
-0,052	0,290	-0,001	0,011	0,032	FALSE
0,007	0,304	0,000	0,008	0,016	FALSE

0,041	0,304	0,001	0,011	0,017	FALSE
0,012	0,302	0,002	0,011	0,053	FALSE
-0,018	0,302	0,000	0,010	0,009	FALSE
0,010	0,309	0,000	0,006	0,010	FALSE
-0,074	0,303	-0,002	0,009	0,101	FALSE
-0,147	0,301	-0,003	0,007	0,202	FALSE
0,059	0,308	0,002	0,010	0,095	FALSE
0,138	0,302	0,005	0,012	0,180	FALSE
-0,010	0,302	-0,001	0,008	0,026	FALSE
0,026	0,320	0,000	0,008	0,002	FALSE
0,035	0,312	0,001	0,007	0,040	FALSE
0,113	0,311	0,003	0,010	0,130	FALSE
-0,061	0,303	-0,001	0,006	0,082	FALSE
0,069	0,307	0,002	0,006	0,123	FALSE
0,051	0,304	0,002	0,006	0,111	FALSE
0,101	0,293	0,002	0,007	0,127	FALSE
0,051	0,297	0,002	0,008	0,071	FALSE
0,085	0,303	0,002	0,009	0,100	FALSE
-0,017	0,306	0,000	0,008	0,013	FALSE
0,028	0,312	0,001	0,011	0,049	FALSE
0,045	0,316	0,001	0,011	0,042	FALSE
0,028	0,306	0,002	0,011	0,066	FALSE
0,058	0,313	0,002	0,011	0,075	FALSE
0,033	0,296	0,002	0,011	0,068	FALSE
-0,009	0,305	0,000	0,007	0,011	FALSE
-0,055	0,309	-0,002	0,010	0,084	FALSE
0,068	0,302	0,002	0,008	0,079	FALSE
0,136	0,307	0,005	0,012	0,186	FALSE
-0,093	0,310	-0,002	0,007	0,124	FALSE
0,003	0,313	-0,001	0,008	0,026	FALSE
-0,034	0,305	-0,002	0,007	0,085	FALSE
0,067	0,306	0,003	0,010	0,118	FALSE
-0,002	0,300	0,000	0,010	0,015	FALSE
-0,147	0,314	-0,005	0,009	0,221	FALSE
0,039	0,305	0,001	0,012	0,034	FALSE
-0,006	0,318	0,000	0,008	0,008	FALSE
-0,017	0,312	0,000	0,008	0,011	FALSE
0,085	0,300	0,003	0,009	0,123	FALSE
0,083	0,314	0,003	0,009	0,113	FALSE
0,031	0,318	0,001	0,008	0,050	FALSE
0,051	0,313	0,001	0,007	0,071	FALSE
-0,053	0,304	-0,002	0,010	0,076	FALSE
-0,139	0,304	-0,006	0,012	0,204	FALSE
0,055	0,302	0,001	0,007	0,035	FALSE
-0,107	0,309	-0,003	0,007	0,142	FALSE
0,013	0,294	0,001	0,011	0,040	FALSE
-0,149	0,308	-0,005	0,012	0,164	FALSE
-0,073	0,301	-0,003	0,011	0,121	FALSE
-0,081	0,303	-0,004	0,011	0,136	FALSE
-0,162	0,299	-0,004	0,009	0,210	FALSE
0,061	0,313	0,002	0,008	0,098	FALSE
-0,063	0,314	-0,003	0,010	0,106	FALSE
-0,016	0,302	-0,001	0,007	0,041	FALSE

-0,021	0,296	-0,002	0,010	0,074	FALSE
-0,016	0,306	0,000	0,010	0,009	FALSE
-0,070	0,314	-0,003	0,010	0,105	FALSE
-0,002	0,295	0,000	0,009	0,003	FALSE
0,128	0,310	0,005	0,012	0,148	FALSE
-0,069	0,312	-0,002	0,008	0,090	FALSE
-0,022	0,294	-0,001	0,009	0,046	FALSE
-0,143	0,299	-0,003	0,007	0,153	FALSE
-0,035	0,301	0,000	0,007	0,017	FALSE
-0,185	0,316	-0,007	0,012	0,244	FALSE
-0,060	0,305	-0,002	0,007	0,092	FALSE
-0,028	0,312	-0,001	0,009	0,028	FALSE
-0,021	0,313	0,000	0,009	0,016	FALSE
-0,010	0,322	0,000	0,010	0,014	FALSE
0,008	0,301	0,000	0,013	0,000	FALSE
-0,022	0,309	0,000	0,009	0,016	FALSE
-0,035	0,329	-0,001	0,007	0,032	FALSE
0,082	0,306	0,003	0,012	0,110	FALSE
0,099	0,293	0,005	0,012	0,152	FALSE
0,036	0,314	0,001	0,010	0,041	FALSE
0,056	0,309	0,002	0,009	0,065	FALSE
0,052	0,303	0,002	0,012	0,053	FALSE
0,129	0,297	0,005	0,011	0,186	FALSE
-0,113	0,309	-0,004	0,011	0,147	FALSE
-0,004	0,305	0,000	0,011	0,014	FALSE
0,046	0,310	0,001	0,008	0,044	FALSE
-0,095	0,313	-0,003	0,006	0,160	FALSE
0,091	0,305	0,003	0,012	0,113	FALSE
-0,038	0,306	-0,001	0,012	0,042	FALSE
0,005	0,305	0,000	0,008	0,019	FALSE
0,025	0,310	0,001	0,011	0,025	FALSE
-0,125	0,305	-0,004	0,011	0,160	FALSE
0,099	0,295	0,005	0,012	0,155	FALSE
0,060	0,301	0,002	0,011	0,083	FALSE
0,093	0,307	0,003	0,010	0,133	FALSE
0,097	0,307	0,003	0,009	0,122	FALSE
-0,096	0,307	-0,002	0,008	0,126	FALSE
0,088	0,298	0,002	0,006	0,105	FALSE
0,024	0,311	0,001	0,007	0,032	FALSE
0,123	0,295	0,002	0,006	0,144	FALSE
0,137	0,286	0,004	0,007	0,219	FALSE
0,027	0,299	0,001	0,009	0,037	FALSE
0,048	0,313	0,002	0,011	0,061	FALSE
0,022	0,306	0,002	0,010	0,060	FALSE
0,021	0,308	0,000	0,008	0,012	FALSE
0,018	0,296	0,001	0,008	0,041	FALSE
-0,203	0,288	-0,005	0,007	0,281	FALSE
0,059	0,288	0,002	0,011	0,067	FALSE
0,093	0,314	0,002	0,009	0,099	FALSE
0,124	0,295	0,003	0,008	0,164	FALSE
0,025	0,312	0,000	0,010	0,014	FALSE
0,003	0,308	-0,001	0,012	0,026	FALSE
-0,003	0,317	0,000	0,012	0,000	FALSE

0,030	0,309	0,001	0,009	0,041	FALSE
-0,111	0,321	-0,006	0,013	0,178	FALSE
-0,018	0,333	-0,002	0,011	0,057	FALSE
-0,067	0,299	-0,003	0,012	0,105	FALSE
-0,124	0,318	-0,005	0,013	0,178	FALSE
0,062	0,312	0,003	0,012	0,084	FALSE
0,088	0,304	0,002	0,009	0,102	FALSE
-0,053	0,309	-0,003	0,012	0,086	FALSE
-0,166	0,310	-0,004	0,009	0,207	FALSE
-0,007	0,319	0,000	0,008	0,014	FALSE
0,012	0,311	0,000	0,006	0,011	FALSE
0,036	0,286	0,001	0,011	0,026	FALSE
-0,019	0,299	0,000	0,006	0,027	FALSE
-0,004	0,301	0,000	0,007	0,007	FALSE
-0,010	0,282	0,000	0,006	0,008	FALSE
0,004	0,306	0,000	0,012	0,006	FALSE
0,106	0,306	0,003	0,008	0,129	FALSE
-0,039	0,320	-0,001	0,007	0,053	FALSE
0,068	0,304	0,002	0,011	0,073	FALSE
0,039	0,309	0,001	0,011	0,040	FALSE
0,002	0,314	0,000	0,012	0,010	FALSE
-0,067	0,319	-0,001	0,009	0,056	FALSE
0,060	0,305	0,001	0,007	0,051	FALSE
0,069	0,301	0,004	0,010	0,136	FALSE
0,065	0,297	0,002	0,008	0,111	FALSE
-0,110	0,305	-0,003	0,006	0,194	FALSE
-0,011	0,295	0,000	0,012	0,008	FALSE
-0,135	0,308	-0,004	0,010	0,160	FALSE
-0,067	0,310	-0,001	0,007	0,079	FALSE
-0,072	0,311	-0,002	0,007	0,090	FALSE
-0,140	0,305	-0,004	0,009	0,198	FALSE
0,112	0,304	0,004	0,013	0,141	FALSE
0,043	0,316	0,001	0,010	0,045	FALSE
-0,174	0,302	-0,004	0,007	0,230	FALSE
-0,006	0,306	0,001	0,012	0,022	FALSE
-0,058	0,319	-0,003	0,012	0,108	FALSE
0,052	0,311	0,001	0,007	0,069	FALSE
-0,049	0,307	-0,002	0,011	0,056	FALSE
-0,029	0,297	-0,001	0,007	0,056	FALSE
0,099	0,307	0,004	0,010	0,147	FALSE
0,000	0,312	0,000	0,008	0,007	FALSE
0,103	0,305	0,004	0,010	0,164	FALSE
-0,156	0,307	-0,004	0,008	0,195	FALSE
0,122	0,299	0,003	0,007	0,198	FALSE
-0,019	0,308	0,000	0,009	0,002	FALSE
0,118	0,294	0,004	0,010	0,168	FALSE
0,053	0,301	0,001	0,009	0,056	FALSE
0,018	0,311	0,000	0,009	0,014	FALSE
0,009	0,299	0,000	0,010	0,009	FALSE
0,100	0,306	0,002	0,006	0,140	FALSE
0,008	0,309	0,000	0,006	0,005	FALSE
0,122	0,304	0,003	0,007	0,176	FALSE
-0,036	0,309	-0,001	0,012	0,029	FALSE

-0,063	0,317	-0,002	0,013	0,062	FALSE
0,011	0,314	0,000	0,013	0,013	FALSE
-0,147	0,306	-0,005	0,011	0,207	FALSE
-0,067	0,321	-0,002	0,009	0,076	FALSE
0,075	0,301	0,002	0,009	0,101	FALSE
-0,016	0,300	0,000	0,011	0,012	FALSE
0,027	0,296	0,000	0,006	0,020	FALSE
0,100	0,324	0,004	0,011	0,143	FALSE
0,005	0,304	0,001	0,010	0,027	FALSE
-0,063	0,302	-0,002	0,012	0,073	FALSE
0,122	0,297	0,005	0,010	0,192	FALSE
-0,072	0,306	-0,002	0,013	0,074	FALSE
-0,108	0,323	-0,004	0,013	0,127	FALSE
0,106	0,301	0,003	0,010	0,122	FALSE
0,032	0,308	0,001	0,010	0,048	FALSE
-0,147	0,303	-0,005	0,012	0,187	FALSE
-0,028	0,305	-0,001	0,007	0,033	FALSE
0,004	0,313	0,000	0,007	0,015	FALSE
0,063	0,312	0,001	0,007	0,074	FALSE
0,040	0,310	0,000	0,006	0,024	FALSE
-0,019	0,308	-0,001	0,012	0,032	FALSE
0,117	0,302	0,004	0,008	0,226	FALSE
0,013	0,325	0,001	0,011	0,030	FALSE
-0,090	0,307	-0,003	0,011	0,097	FALSE
-0,074	0,307	-0,002	0,010	0,096	FALSE
0,103	0,306	0,002	0,008	0,114	FALSE
-0,087	0,304	-0,002	0,007	0,113	FALSE
0,099	0,307	0,003	0,008	0,169	FALSE
0,033	0,311	0,001	0,006	0,056	FALSE
0,012	0,317	0,000	0,008	0,000	FALSE
-0,026	0,310	-0,001	0,008	0,035	FALSE
0,013	0,325	0,000	0,008	0,015	FALSE
-0,099	0,298	-0,003	0,007	0,136	FALSE
-0,082	0,301	-0,002	0,008	0,129	FALSE
-0,007	0,320	0,000	0,012	0,001	FALSE
-0,025	0,313	-0,001	0,012	0,016	FALSE
0,116	0,301	0,004	0,010	0,174	FALSE
-0,170	0,302	-0,006	0,009	0,259	FALSE
-0,072	0,311	-0,003	0,012	0,100	FALSE
0,109	0,315	0,002	0,006	0,141	FALSE
0,090	0,303	0,004	0,012	0,137	FALSE
0,022	0,309	0,001	0,008	0,044	FALSE
-0,025	0,306	0,000	0,012	0,008	FALSE
0,096	0,314	0,004	0,012	0,119	FALSE
0,100	0,306	0,003	0,008	0,175	FALSE
-0,163	0,295	-0,003	0,006	0,196	FALSE
-0,115	0,309	-0,003	0,010	0,132	FALSE
-0,112	0,304	-0,002	0,006	0,121	FALSE
-0,028	0,305	-0,001	0,007	0,051	FALSE
-0,139	0,311	-0,004	0,011	0,159	FALSE
-0,042	0,310	-0,001	0,006	0,068	FALSE
-0,076	0,312	-0,002	0,009	0,070	FALSE
0,145	0,307	0,003	0,007	0,181	FALSE

-0,143	0,313	-0,004	0,010	0,175	FALSE
0,029	0,296	0,001	0,007	0,046	FALSE
-0,030	0,315	0,000	0,010	0,001	FALSE
-0,088	0,322	-0,002	0,009	0,101	FALSE
-0,005	0,313	0,000	0,009	0,007	FALSE
0,159	0,314	0,004	0,009	0,197	FALSE
0,027	0,311	0,001	0,009	0,052	FALSE
-0,052	0,300	-0,001	0,008	0,024	FALSE
-0,002	0,300	0,001	0,008	0,051	FALSE
0,026	0,306	0,001	0,008	0,072	FALSE
0,023	0,301	0,001	0,008	0,047	FALSE
-0,036	0,304	-0,002	0,010	0,062	FALSE
-0,004	0,301	-0,002	0,012	0,047	FALSE
-0,070	0,303	-0,003	0,012	0,102	FALSE
-0,085	0,309	-0,004	0,012	0,133	FALSE
0,033	0,316	0,001	0,011	0,023	FALSE
0,020	0,289	0,001	0,010	0,023	FALSE
-0,049	0,317	-0,003	0,013	0,076	FALSE
0,046	0,300	0,002	0,009	0,069	FALSE
0,048	0,322	0,001	0,011	0,047	FALSE
0,020	0,312	0,000	0,011	0,013	FALSE
0,033	0,304	0,002	0,012	0,059	FALSE
-0,002	0,311	0,000	0,009	0,014	FALSE
-0,031	0,286	-0,001	0,011	0,038	FALSE
0,034	0,315	0,001	0,012	0,025	FALSE
-0,052	0,284	-0,002	0,010	0,085	FALSE
-0,046	0,307	-0,001	0,007	0,041	FALSE
-0,049	0,311	-0,001	0,008	0,068	FALSE
0,023	0,304	0,003	0,012	0,085	FALSE
0,019	0,313	0,000	0,010	0,002	FALSE
0,055	0,298	0,001	0,007	0,042	FALSE
-0,038	0,309	-0,002	0,013	0,068	FALSE
0,012	0,316	0,000	0,013	0,011	FALSE
0,042	0,300	0,001	0,012	0,035	FALSE
0,102	0,301	0,004	0,013	0,110	FALSE
0,104	0,309	0,004	0,013	0,114	FALSE
0,077	0,312	0,002	0,012	0,066	FALSE
-0,141	0,295	-0,006	0,012	0,202	FALSE
-0,058	0,305	-0,001	0,007	0,047	FALSE
0,081	0,298	0,003	0,010	0,113	FALSE
0,060	0,293	0,002	0,011	0,048	FALSE
-0,015	0,292	0,000	0,010	0,013	FALSE
0,032	0,320	0,001	0,009	0,031	FALSE
-0,126	0,287	-0,004	0,009	0,204	FALSE
0,203	0,286	0,008	0,012	0,322	FALSE
-0,046	0,306	-0,001	0,011	0,033	FALSE
-0,043	0,298	-0,001	0,011	0,024	FALSE
0,026	0,312	0,002	0,012	0,054	FALSE
0,136	0,306	0,004	0,010	0,180	FALSE
0,110	0,306	0,003	0,010	0,136	FALSE
0,091	0,311	0,003	0,011	0,103	FALSE
-0,026	0,303	0,000	0,006	0,002	FALSE
0,146	0,306	0,005	0,010	0,201	FALSE

0,006	0,309	0,000	0,006	0,025	FALSE
-0,024	0,308	-0,001	0,009	0,027	FALSE
0,024	0,307	0,001	0,010	0,031	FALSE
-0,006	0,313	0,000	0,006	0,005	FALSE
-0,062	0,300	-0,001	0,007	0,043	FALSE
-0,048	0,322	-0,001	0,007	0,040	FALSE
-0,065	0,315	-0,001	0,010	0,050	FALSE
-0,108	0,311	-0,004	0,010	0,157	FALSE
0,029	0,299	0,001	0,012	0,035	FALSE
0,040	0,300	0,001	0,011	0,031	FALSE
0,024	0,297	0,000	0,011	0,007	FALSE
-0,003	0,306	-0,001	0,012	0,022	FALSE
0,017	0,309	0,001	0,008	0,025	FALSE
-0,074	0,308	-0,003	0,011	0,102	FALSE
-0,210	0,312	-0,007	0,011	0,282	TRUE
0,040	0,315	0,000	0,011	0,011	FALSE
0,118	0,313	0,002	0,007	0,105	FALSE
0,182	0,302	0,006	0,011	0,231	FALSE
0,127	0,288	0,002	0,006	0,121	FALSE
0,104	0,300	0,005	0,012	0,156	FALSE
0,002	0,303	-0,001	0,009	0,029	FALSE
0,133	0,295	0,006	0,012	0,210	FALSE
0,096	0,309	0,002	0,008	0,083	FALSE
0,081	0,302	0,001	0,008	0,057	FALSE
0,090	0,308	0,001	0,006	0,071	FALSE
0,092	0,300	0,004	0,011	0,160	FALSE
0,034	0,316	0,000	0,008	0,012	FALSE
0,155	0,301	0,005	0,009	0,221	FALSE
-0,145	0,311	-0,005	0,010	0,192	FALSE
0,024	0,305	0,001	0,011	0,031	FALSE
0,195	0,291	0,005	0,008	0,281	FALSE
0,080	0,309	0,002	0,008	0,123	FALSE
0,026	0,298	0,001	0,013	0,039	FALSE
0,028	0,297	0,001	0,011	0,042	FALSE
0,038	0,294	0,001	0,011	0,045	FALSE
0,091	0,289	0,004	0,011	0,135	FALSE
-0,012	0,305	0,000	0,011	0,016	FALSE
0,038	0,302	0,001	0,007	0,030	FALSE
-0,058	0,305	-0,003	0,012	0,082	FALSE
-0,124	0,288	-0,006	0,011	0,211	FALSE
0,022	0,312	0,001	0,010	0,027	FALSE
0,031	0,301	0,001	0,007	0,035	FALSE
0,059	0,310	0,003	0,012	0,081	FALSE
0,046	0,310	0,002	0,010	0,076	FALSE
-0,053	0,308	-0,001	0,007	0,065	FALSE
-0,006	0,305	0,000	0,010	0,016	FALSE
-0,100	0,298	-0,002	0,009	0,092	FALSE
0,037	0,304	0,001	0,006	0,070	FALSE
-0,035	0,308	-0,001	0,010	0,037	FALSE
-0,047	0,306	-0,002	0,012	0,061	FALSE
-0,031	0,308	-0,001	0,011	0,028	FALSE
0,094	0,304	0,002	0,008	0,087	FALSE
0,006	0,310	0,001	0,013	0,039	FALSE

0,147	0,284	0,005	0,007	0,304	FALSE
-0,060	0,301	-0,002	0,009	0,074	FALSE
0,017	0,313	0,001	0,008	0,032	FALSE
0,110	0,310	0,002	0,010	0,085	FALSE
0,110	0,295	0,002	0,007	0,093	FALSE
0,178	0,301	0,007	0,012	0,243	FALSE
0,059	0,299	0,002	0,009	0,103	FALSE
0,116	0,295	0,004	0,008	0,207	FALSE
-0,127	0,311	-0,002	0,007	0,144	FALSE
-0,067	0,317	-0,001	0,006	0,087	FALSE
-0,015	0,307	-0,001	0,009	0,023	FALSE
0,156	0,283	0,005	0,008	0,245	FALSE
0,139	0,301	0,004	0,008	0,227	FALSE
0,114	0,316	0,003	0,008	0,141	FALSE
-0,019	0,308	-0,001	0,010	0,028	FALSE
-0,034	0,304	-0,001	0,010	0,053	FALSE
-0,012	0,312	0,000	0,007	0,016	FALSE
0,135	0,302	0,004	0,011	0,159	FALSE
-0,028	0,318	-0,002	0,013	0,043	FALSE
0,003	0,317	0,000	0,007	0,016	FALSE
0,016	0,296	0,000	0,009	0,011	FALSE
0,014	0,312	0,000	0,013	0,012	FALSE
-0,058	0,304	-0,001	0,007	0,049	FALSE
-0,086	0,302	-0,003	0,011	0,122	FALSE
-0,071	0,313	-0,003	0,011	0,086	FALSE
-0,115	0,293	-0,004	0,011	0,167	FALSE
0,104	0,311	0,002	0,007	0,148	FALSE
-0,045	0,299	-0,001	0,007	0,081	FALSE
-0,058	0,304	-0,002	0,007	0,109	FALSE
0,161	0,302	0,004	0,007	0,242	FALSE
0,131	0,298	0,003	0,007	0,159	FALSE
0,242	0,275	0,007	0,007	0,423	FALSE
0,012	0,315	0,000	0,011	0,001	FALSE
-0,103	0,303	-0,002	0,007	0,104	FALSE
0,088	0,301	0,003	0,012	0,097	FALSE
0,116	0,296	0,005	0,011	0,168	FALSE
0,111	0,304	0,005	0,011	0,165	FALSE
-0,129	0,292	-0,003	0,007	0,160	FALSE
-0,081	0,301	-0,001	0,006	0,094	FALSE
0,062	0,292	0,002	0,006	0,103	FALSE
0,089	0,299	0,002	0,008	0,117	FALSE
-0,056	0,311	-0,002	0,010	0,061	FALSE
0,043	0,297	0,002	0,008	0,075	FALSE
-0,073	0,314	-0,002	0,007	0,108	FALSE
-0,106	0,308	-0,003	0,007	0,137	FALSE
-0,063	0,300	-0,002	0,009	0,093	FALSE
-0,063	0,305	-0,003	0,010	0,102	FALSE
0,065	0,306	0,002	0,007	0,101	FALSE
-0,068	0,302	-0,002	0,009	0,062	FALSE
0,052	0,314	0,001	0,008	0,054	FALSE
0,115	0,296	0,003	0,006	0,189	FALSE
-0,067	0,310	-0,001	0,009	0,051	FALSE
-0,053	0,318	-0,002	0,008	0,072	FALSE

0,046	0,313	0,002	0,011	0,056	FALSE
-0,061	0,310	-0,002	0,013	0,058	FALSE
-0,019	0,300	-0,001	0,007	0,048	FALSE
-0,021	0,304	-0,001	0,008	0,043	FALSE
0,036	0,297	0,001	0,008	0,051	FALSE
0,030	0,316	0,000	0,013	0,009	FALSE
-0,050	0,301	-0,001	0,011	0,036	FALSE
-0,087	0,319	-0,002	0,007	0,139	FALSE
-0,024	0,316	-0,001	0,007	0,024	FALSE
0,035	0,295	0,002	0,012	0,057	FALSE
0,048	0,301	0,001	0,007	0,050	FALSE
-0,006	0,313	0,000	0,008	0,011	FALSE
0,058	0,294	0,002	0,009	0,098	FALSE
0,073	0,305	0,001	0,007	0,052	FALSE
-0,070	0,311	-0,002	0,011	0,060	FALSE
-0,054	0,301	-0,001	0,006	0,059	FALSE
-0,035	0,312	-0,001	0,007	0,060	FALSE
-0,022	0,309	0,000	0,012	0,010	FALSE
0,144	0,304	0,005	0,010	0,209	FALSE
0,014	0,317	0,001	0,013	0,031	FALSE
-0,113	0,295	-0,004	0,009	0,174	FALSE
-0,068	0,301	-0,002	0,006	0,093	FALSE
0,005	0,300	0,000	0,007	0,002	FALSE
-0,228	0,292	-0,009	0,010	0,393	FALSE
0,028	0,308	0,001	0,008	0,024	FALSE
-0,007	0,319	-0,001	0,011	0,020	FALSE
-0,020	0,307	0,000	0,008	0,004	FALSE
0,044	0,305	0,001	0,007	0,060	FALSE
0,017	0,317	0,001	0,010	0,036	FALSE
-0,021	0,308	0,000	0,010	0,007	FALSE
0,078	0,316	0,002	0,008	0,079	FALSE
0,078	0,300	0,001	0,006	0,079	FALSE
0,046	0,310	0,001	0,011	0,045	FALSE
-0,030	0,310	0,000	0,006	0,006	FALSE
-0,054	0,307	-0,002	0,011	0,052	FALSE
0,032	0,318	0,001	0,009	0,030	FALSE
0,063	0,307	0,002	0,009	0,080	FALSE
0,043	0,294	0,001	0,008	0,066	FALSE
-0,058	0,313	-0,002	0,008	0,078	FALSE
-0,056	0,322	-0,002	0,009	0,073	FALSE
-0,087	0,309	-0,002	0,008	0,123	FALSE
-0,010	0,306	-0,001	0,012	0,027	FALSE
-0,007	0,295	-0,001	0,011	0,025	FALSE
-0,097	0,299	-0,005	0,012	0,151	FALSE
-0,107	0,306	-0,003	0,007	0,158	FALSE
-0,074	0,301	-0,003	0,012	0,092	FALSE
0,106	0,300	0,003	0,007	0,164	FALSE
-0,034	0,314	-0,001	0,008	0,058	FALSE
-0,068	0,318	-0,002	0,008	0,094	FALSE
-0,067	0,311	-0,003	0,009	0,117	FALSE
-0,049	0,313	-0,002	0,009	0,064	FALSE
-0,122	0,324	-0,005	0,012	0,155	FALSE
-0,037	0,311	-0,001	0,009	0,024	FALSE

0,004	0,310	0,000	0,012	0,003	FALSE
-0,082	0,312	-0,004	0,012	0,125	FALSE
-0,158	0,302	-0,006	0,011	0,227	FALSE
-0,004	0,321	-0,001	0,013	0,025	FALSE
-0,043	0,300	-0,001	0,009	0,057	FALSE
0,076	0,318	0,002	0,009	0,101	FALSE
0,004	0,298	0,000	0,007	0,005	FALSE
0,068	0,303	0,002	0,008	0,122	FALSE
0,058	0,305	0,002	0,007	0,081	FALSE
0,121	0,305	0,006	0,013	0,188	FALSE
0,141	0,295	0,007	0,012	0,246	FALSE
0,099	0,308	0,004	0,012	0,147	FALSE
-0,092	0,312	-0,003	0,010	0,129	FALSE
-0,046	0,304	-0,001	0,007	0,067	FALSE
0,084	0,299	0,004	0,012	0,125	FALSE
-0,021	0,321	-0,001	0,013	0,026	FALSE
0,037	0,302	0,002	0,006	0,094	FALSE
0,146	0,305	0,005	0,008	0,236	FALSE
0,003	0,309	0,000	0,009	0,000	FALSE
-0,049	0,301	-0,002	0,012	0,076	FALSE
-0,012	0,295	-0,001	0,011	0,035	FALSE
0,104	0,297	0,003	0,008	0,155	FALSE
0,044	0,303	0,001	0,008	0,064	FALSE
-0,074	0,302	-0,003	0,010	0,099	FALSE
0,018	0,307	0,000	0,008	0,016	FALSE
-0,064	0,302	-0,002	0,012	0,078	FALSE
-0,131	0,314	-0,004	0,011	0,161	FALSE
-0,063	0,308	-0,002	0,010	0,060	FALSE
0,012	0,309	0,001	0,011	0,022	FALSE
-0,003	0,309	0,000	0,011	0,004	FALSE
-0,036	0,302	-0,002	0,011	0,055	FALSE
0,052	0,306	0,002	0,011	0,065	FALSE
0,051	0,309	0,000	0,007	0,024	FALSE
0,010	0,310	0,000	0,006	0,021	FALSE
0,021	0,306	0,000	0,006	0,002	FALSE
-0,031	0,322	-0,001	0,008	0,040	FALSE
-0,071	0,302	-0,001	0,007	0,078	FALSE
-0,050	0,300	-0,001	0,008	0,044	FALSE
-0,038	0,318	-0,001	0,012	0,039	FALSE
-0,071	0,309	-0,002	0,008	0,081	FALSE
-0,045	0,311	-0,002	0,009	0,062	FALSE
0,100	0,300	0,004	0,008	0,175	FALSE
0,050	0,307	0,002	0,010	0,064	FALSE
-0,003	0,309	-0,001	0,007	0,035	FALSE
0,036	0,305	0,002	0,008	0,075	FALSE
-0,129	0,300	-0,003	0,007	0,193	FALSE
-0,147	0,298	-0,005	0,009	0,241	FALSE
-0,074	0,298	-0,003	0,009	0,113	FALSE
-0,008	0,317	0,000	0,007	0,020	FALSE
0,070	0,306	0,003	0,012	0,080	FALSE
-0,061	0,319	-0,001	0,007	0,048	FALSE
0,085	0,307	0,002	0,006	0,131	FALSE
0,111	0,292	0,003	0,008	0,143	FALSE

0,007	0,309	0,001	0,006	0,033	FALSE
-0,016	0,315	0,000	0,012	0,011	FALSE
-0,038	0,304	-0,003	0,012	0,076	FALSE
0,043	0,290	0,001	0,009	0,043	FALSE
0,096	0,310	0,002	0,006	0,096	FALSE
0,001	0,312	0,001	0,011	0,022	FALSE
-0,016	0,303	0,000	0,006	0,007	FALSE
-0,027	0,305	-0,001	0,008	0,044	FALSE
0,059	0,302	0,002	0,009	0,069	FALSE
-0,152	0,299	-0,004	0,007	0,209	FALSE
-0,241	0,292	-0,006	0,007	0,391	FALSE
-0,127	0,302	-0,003	0,007	0,171	FALSE
-0,080	0,307	-0,003	0,010	0,093	FALSE
-0,076	0,303	-0,002	0,007	0,119	FALSE
-0,135	0,309	-0,006	0,012	0,203	FALSE
-0,148	0,299	-0,004	0,008	0,209	FALSE
-0,136	0,305	-0,005	0,010	0,208	FALSE
-0,066	0,310	-0,002	0,007	0,091	FALSE
-0,045	0,299	-0,002	0,008	0,085	FALSE
-0,018	0,309	0,000	0,006	0,004	FALSE
0,031	0,311	0,001	0,012	0,040	FALSE
0,003	0,308	0,001	0,008	0,037	FALSE
-0,220	0,307	-0,007	0,010	0,353	FALSE
-0,072	0,298	-0,001	0,006	0,086	FALSE
0,057	0,312	0,003	0,011	0,106	FALSE
0,080	0,320	0,003	0,011	0,102	FALSE
0,124	0,318	0,004	0,011	0,165	FALSE
-0,177	0,301	-0,007	0,011	0,280	FALSE
0,028	0,317	0,001	0,013	0,040	FALSE
-0,031	0,299	-0,001	0,007	0,025	FALSE
0,121	0,317	0,005	0,013	0,163	FALSE
-0,113	0,316	-0,003	0,010	0,133	FALSE
0,055	0,318	0,002	0,010	0,064	FALSE
-0,148	0,313	-0,005	0,010	0,178	FALSE
0,083	0,302	0,002	0,007	0,100	FALSE
0,051	0,299	0,002	0,009	0,073	FALSE
0,092	0,312	0,003	0,012	0,105	FALSE
0,097	0,310	0,004	0,011	0,126	FALSE
0,049	0,312	0,002	0,011	0,070	FALSE
0,058	0,308	0,002	0,011	0,060	FALSE
0,050	0,317	0,002	0,012	0,071	FALSE
-0,002	0,318	0,000	0,008	0,001	FALSE
0,036	0,313	0,001	0,011	0,020	FALSE
-0,044	0,303	-0,001	0,006	0,065	FALSE
0,055	0,317	0,001	0,009	0,050	FALSE
0,035	0,311	0,001	0,008	0,065	FALSE
0,060	0,316	0,003	0,013	0,094	FALSE
-0,052	0,313	-0,002	0,008	0,096	FALSE
-0,031	0,306	-0,001	0,009	0,040	FALSE
-0,061	0,316	-0,002	0,009	0,082	FALSE
-0,016	0,326	0,000	0,009	0,004	FALSE
-0,011	0,310	0,000	0,006	0,019	FALSE
-0,054	0,311	-0,001	0,009	0,049	FALSE

-0,068	0,311	-0,002	0,009	0,100	FALSE
0,033	0,320	0,002	0,013	0,048	FALSE
-0,062	0,307	-0,001	0,008	0,066	FALSE
-0,031	0,311	-0,001	0,008	0,032	FALSE
-0,018	0,309	-0,001	0,008	0,022	FALSE
0,086	0,311	0,002	0,007	0,086	FALSE
-0,037	0,307	-0,001	0,007	0,047	FALSE
-0,047	0,294	-0,001	0,008	0,066	FALSE
0,065	0,322	0,001	0,007	0,070	FALSE
0,126	0,306	0,004	0,007	0,222	FALSE
0,027	0,306	0,001	0,012	0,032	FALSE
0,063	0,305	0,002	0,007	0,078	FALSE
0,035	0,322	0,001	0,007	0,042	FALSE
0,159	0,303	0,005	0,010	0,210	FALSE
0,111	0,308	0,004	0,013	0,139	FALSE
0,069	0,311	0,002	0,008	0,091	FALSE
-0,054	0,299	-0,001	0,006	0,046	FALSE
0,030	0,329	0,000	0,008	0,018	FALSE
-0,036	0,301	-0,001	0,012	0,033	FALSE
-0,023	0,300	0,000	0,007	0,006	FALSE
-0,098	0,309	-0,002	0,007	0,145	FALSE
0,129	0,304	0,004	0,009	0,170	FALSE
0,142	0,305	0,004	0,009	0,192	FALSE
-0,117	0,292	-0,003	0,006	0,177	FALSE
-0,059	0,311	-0,002	0,010	0,072	FALSE
-0,147	0,303	-0,006	0,012	0,220	FALSE
0,002	0,303	0,000	0,012	0,005	FALSE
0,086	0,305	0,002	0,007	0,080	FALSE
0,057	0,309	0,002	0,007	0,095	FALSE
0,075	0,313	0,003	0,012	0,100	FALSE
0,027	0,320	0,001	0,008	0,052	FALSE
-0,090	0,323	-0,002	0,008	0,123	FALSE
0,083	0,307	0,002	0,007	0,108	FALSE
0,003	0,320	0,000	0,010	0,013	FALSE
-0,029	0,318	-0,001	0,007	0,040	FALSE
-0,098	0,293	-0,003	0,007	0,161	FALSE
0,048	0,314	0,003	0,013	0,088	FALSE
-0,119	0,297	-0,006	0,012	0,196	FALSE
0,103	0,296	0,005	0,012	0,171	FALSE
0,081	0,309	0,003	0,011	0,103	FALSE
0,086	0,319	0,002	0,006	0,115	FALSE
-0,076	0,314	-0,001	0,007	0,067	FALSE
0,121	0,305	0,005	0,012	0,160	FALSE
-0,084	0,309	-0,002	0,008	0,112	FALSE
0,184	0,294	0,005	0,008	0,275	FALSE
-0,126	0,286	-0,003	0,008	0,158	FALSE
0,182	0,298	0,005	0,008	0,255	FALSE
0,033	0,316	0,001	0,007	0,037	FALSE
-0,090	0,294	-0,002	0,011	0,082	FALSE
0,090	0,306	0,004	0,012	0,132	FALSE
0,152	0,303	0,004	0,006	0,249	FALSE
0,051	0,309	0,002	0,008	0,075	FALSE
0,101	0,294	0,003	0,009	0,138	FALSE

0,026	0,307	0,000	0,007	0,020	FALSE
0,077	0,298	0,002	0,009	0,107	FALSE
0,047	0,308	0,003	0,012	0,084	FALSE
0,039	0,306	0,001	0,007	0,043	FALSE
0,025	0,314	0,000	0,011	0,002	FALSE
-0,006	0,318	0,000	0,008	0,002	FALSE
0,090	0,297	0,002	0,010	0,091	FALSE
0,047	0,295	0,002	0,008	0,084	FALSE
-0,028	0,312	-0,001	0,008	0,036	FALSE
-0,029	0,303	-0,001	0,012	0,026	FALSE
0,078	0,316	0,003	0,013	0,088	FALSE
-0,095	0,297	-0,003	0,011	0,128	FALSE
-0,122	0,300	-0,004	0,011	0,155	FALSE
-0,155	0,292	-0,005	0,010	0,204	FALSE
0,001	0,308	0,000	0,007	0,022	FALSE
-0,109	0,306	-0,003	0,009	0,115	FALSE
-0,133	0,301	-0,003	0,006	0,174	FALSE
0,027	0,300	0,001	0,010	0,046	FALSE
-0,021	0,319	0,000	0,009	0,019	FALSE
0,057	0,301	0,002	0,011	0,077	FALSE
0,107	0,317	0,006	0,012	0,187	FALSE
0,012	0,310	0,000	0,009	0,003	FALSE
-0,094	0,305	-0,003	0,009	0,138	FALSE
0,017	0,311	0,001	0,012	0,022	FALSE
-0,103	0,305	-0,003	0,009	0,146	FALSE
-0,116	0,309	-0,004	0,009	0,176	FALSE
-0,062	0,287	-0,002	0,005	0,110	FALSE
-0,042	0,308	-0,002	0,011	0,059	FALSE
-0,089	0,309	-0,001	0,006	0,084	FALSE
-0,009	0,289	-0,002	0,009	0,065	FALSE
0,070	0,313	0,001	0,007	0,064	FALSE
0,110	0,303	0,005	0,012	0,192	FALSE
-0,053	0,305	-0,001	0,007	0,058	FALSE
-0,006	0,295	0,000	0,006	0,022	FALSE
-0,086	0,313	-0,003	0,011	0,116	FALSE
-0,078	0,305	-0,001	0,007	0,057	FALSE
-0,059	0,314	-0,003	0,013	0,103	FALSE
-0,017	0,306	-0,001	0,009	0,041	FALSE
-0,001	0,311	0,000	0,009	0,013	FALSE
-0,102	0,298	-0,002	0,007	0,103	FALSE
0,031	0,297	0,001	0,011	0,050	FALSE
0,064	0,295	0,002	0,010	0,090	FALSE
-0,065	0,304	-0,002	0,013	0,067	FALSE
0,017	0,302	0,000	0,009	0,006	FALSE
0,188	0,299	0,004	0,006	0,291	FALSE
0,050	0,312	0,001	0,007	0,057	FALSE
-0,024	0,305	-0,001	0,012	0,017	FALSE
0,086	0,310	0,002	0,011	0,082	FALSE
0,081	0,309	0,002	0,011	0,083	FALSE
0,104	0,313	0,004	0,010	0,133	FALSE
-0,142	0,291	-0,005	0,010	0,212	FALSE
-0,024	0,308	-0,003	0,013	0,082	FALSE
0,004	0,289	0,002	0,012	0,050	FALSE

0,088	0,310	0,002	0,008	0,113	FALSE
0,071	0,312	0,002	0,007	0,114	FALSE
0,109	0,309	0,004	0,011	0,135	FALSE
-0,210	0,287	-0,008	0,011	0,355	FALSE
0,149	0,292	0,004	0,006	0,233	FALSE
0,181	0,308	0,007	0,013	0,248	FALSE
0,053	0,315	0,002	0,012	0,065	FALSE
-0,026	0,311	0,000	0,011	0,011	FALSE
-0,005	0,327	0,000	0,010	0,012	FALSE
-0,036	0,319	-0,001	0,011	0,019	FALSE
-0,054	0,322	-0,002	0,013	0,052	FALSE
-0,015	0,308	0,000	0,007	0,022	FALSE
-0,020	0,303	-0,001	0,006	0,057	FALSE
-0,066	0,302	-0,001	0,009	0,059	FALSE
0,080	0,298	0,002	0,011	0,064	FALSE
0,018	0,308	0,001	0,011	0,021	FALSE
-0,073	0,313	-0,002	0,010	0,073	FALSE
-0,027	0,305	0,000	0,012	0,014	FALSE
0,089	0,314	0,002	0,007	0,112	FALSE
0,132	0,305	0,003	0,007	0,203	FALSE
0,024	0,308	0,000	0,010	0,001	FALSE
0,071	0,289	0,001	0,010	0,046	FALSE
0,087	0,294	0,003	0,012	0,113	FALSE
-0,024	0,309	0,000	0,007	0,005	FALSE
0,059	0,305	0,001	0,008	0,068	FALSE
-0,013	0,295	-0,001	0,009	0,040	FALSE
0,075	0,288	0,003	0,009	0,142	FALSE
0,052	0,296	0,001	0,010	0,019	FALSE
-0,093	0,290	-0,002	0,007	0,103	FALSE
-0,052	0,294	-0,002	0,011	0,051	FALSE
-0,073	0,303	-0,002	0,012	0,066	FALSE
-0,082	0,286	-0,002	0,011	0,075	FALSE
-0,063	0,306	-0,002	0,011	0,050	FALSE
0,034	0,311	0,001	0,011	0,029	FALSE
-0,088	0,308	-0,003	0,009	0,134	FALSE
-0,074	0,309	-0,002	0,010	0,087	FALSE
0,012	0,306	0,001	0,010	0,025	FALSE
0,048	0,299	0,002	0,010	0,081	FALSE
-0,041	0,298	-0,002	0,010	0,085	FALSE
0,003	0,311	0,000	0,006	0,026	FALSE
0,075	0,286	0,002	0,006	0,144	FALSE
-0,053	0,295	-0,003	0,012	0,103	FALSE
-0,040	0,319	-0,001	0,007	0,059	FALSE
-0,004	0,284	0,000	0,007	0,000	FALSE
-0,129	0,318	-0,004	0,011	0,158	FALSE
0,090	0,314	0,004	0,012	0,131	FALSE
-0,053	0,302	-0,002	0,011	0,052	FALSE
0,110	0,292	0,002	0,007	0,122	FALSE
-0,008	0,314	0,000	0,006	0,027	FALSE
0,018	0,313	0,001	0,012	0,035	FALSE
0,022	0,311	0,001	0,012	0,017	FALSE
0,017	0,306	0,001	0,012	0,037	FALSE
0,034	0,312	0,002	0,012	0,055	FALSE

-0,072	0,324	-0,002	0,008	0,078	FALSE
0,027	0,319	0,001	0,010	0,033	FALSE
0,001	0,309	0,000	0,012	0,004	FALSE
-0,012	0,305	-0,001	0,011	0,046	FALSE
-0,170	0,303	-0,005	0,010	0,242	TRUE
-0,121	0,302	-0,007	0,013	0,222	FALSE
0,111	0,294	0,003	0,012	0,100	FALSE
-0,003	0,297	0,000	0,010	0,005	FALSE
0,048	0,306	0,001	0,009	0,044	FALSE
-0,006	0,313	-0,001	0,011	0,017	FALSE
0,026	0,301	0,001	0,012	0,023	FALSE
-0,028	0,310	0,000	0,007	0,018	FALSE
0,003	0,315	0,000	0,009	0,018	FALSE
-0,007	0,312	0,000	0,013	0,008	FALSE
0,101	0,304	0,003	0,006	0,169	FALSE
-0,144	0,302	-0,006	0,013	0,195	FALSE
-0,021	0,311	-0,001	0,011	0,026	FALSE
-0,026	0,297	-0,001	0,012	0,025	FALSE
-0,058	0,305	-0,001	0,006	0,056	FALSE
-0,037	0,303	-0,001	0,009	0,038	FALSE
-0,051	0,294	-0,002	0,007	0,085	FALSE
-0,010	0,298	0,000	0,011	0,006	FALSE
-0,038	0,298	-0,001	0,006	0,033	FALSE
0,014	0,307	0,000	0,013	0,014	FALSE
-0,158	0,316	-0,004	0,008	0,182	FALSE
0,097	0,319	0,004	0,010	0,144	FALSE
0,084	0,303	0,003	0,010	0,118	FALSE
0,011	0,323	0,001	0,013	0,022	FALSE
-0,093	0,309	-0,003	0,009	0,126	FALSE
-0,006	0,316	-0,002	0,013	0,045	FALSE
-0,006	0,312	-0,001	0,012	0,033	FALSE
0,068	0,311	0,002	0,012	0,070	FALSE
0,095	0,310	0,003	0,012	0,095	FALSE
0,084	0,306	0,003	0,012	0,085	FALSE
0,046	0,314	0,002	0,009	0,085	FALSE
0,077	0,316	0,002	0,007	0,094	FALSE
0,069	0,303	0,003	0,012	0,079	FALSE
0,006	0,306	0,000	0,010	0,009	FALSE
-0,112	0,306	-0,005	0,012	0,187	FALSE
0,060	0,312	0,003	0,010	0,093	FALSE
-0,107	0,306	-0,004	0,011	0,153	FALSE
0,013	0,308	0,001	0,012	0,025	FALSE
0,011	0,303	0,000	0,006	0,023	FALSE
-0,021	0,327	-0,001	0,013	0,019	FALSE
0,012	0,316	0,000	0,008	0,006	FALSE
0,046	0,315	0,001	0,007	0,044	FALSE
0,062	0,299	0,001	0,006	0,077	FALSE
-0,027	0,293	0,000	0,007	0,012	FALSE
-0,067	0,312	-0,003	0,013	0,085	FALSE
0,146	0,303	0,002	0,006	0,163	FALSE
0,014	0,305	0,000	0,007	0,001	FALSE
-0,002	0,321	0,000	0,012	0,013	FALSE
-0,073	0,316	-0,002	0,012	0,064	FALSE

0,022	0,296	0,001	0,008	0,040	FALSE
-0,042	0,315	-0,001	0,011	0,039	FALSE
-0,078	0,302	-0,002	0,009	0,101	FALSE
-0,050	0,305	-0,001	0,012	0,019	FALSE
0,034	0,292	0,000	0,009	0,006	FALSE
-0,087	0,295	-0,002	0,012	0,072	FALSE
0,035	0,310	0,001	0,009	0,052	FALSE
0,066	0,306	0,003	0,011	0,085	FALSE
0,094	0,321	0,002	0,008	0,110	FALSE
0,135	0,305	0,005	0,011	0,179	FALSE
0,016	0,280	0,000	0,012	0,012	FALSE
0,015	0,322	0,001	0,010	0,027	FALSE
-0,085	0,317	-0,003	0,012	0,097	FALSE
-0,059	0,309	-0,002	0,007	0,083	FALSE
-0,025	0,297	0,000	0,007	0,014	FALSE
-0,060	0,305	-0,002	0,008	0,077	FALSE
-0,092	0,294	-0,004	0,012	0,130	FALSE
-0,076	0,316	-0,002	0,007	0,085	FALSE
0,119	0,304	0,003	0,007	0,177	FALSE
-0,044	0,307	-0,001	0,012	0,035	FALSE
0,020	0,303	0,000	0,006	0,014	FALSE
-0,011	0,295	-0,001	0,007	0,034	FALSE
0,012	0,299	0,000	0,012	0,014	FALSE
0,000	0,292	0,000	0,011	0,011	FALSE
0,025	0,300	0,001	0,007	0,035	FALSE
0,009	0,302	0,000	0,010	0,013	FALSE
-0,057	0,309	-0,002	0,008	0,096	FALSE
-0,168	0,298	-0,005	0,010	0,244	FALSE
0,072	0,306	0,002	0,008	0,097	FALSE
0,108	0,307	0,004	0,009	0,174	FALSE
0,227	0,289	0,009	0,011	0,415	FALSE
0,100	0,304	0,003	0,010	0,136	FALSE
-0,012	0,306	0,000	0,010	0,003	FALSE
-0,006	0,295	0,000	0,009	0,000	FALSE
0,129	0,299	0,003	0,007	0,198	FALSE
0,052	0,300	0,001	0,006	0,039	FALSE
0,151	0,299	0,005	0,009	0,235	FALSE
-0,008	0,296	0,000	0,006	0,012	FALSE
0,024	0,313	0,000	0,010	0,011	FALSE
-0,037	0,309	-0,001	0,008	0,051	FALSE
0,086	0,310	0,002	0,006	0,117	FALSE
0,128	0,296	0,005	0,010	0,224	FALSE
-0,085	0,311	-0,002	0,010	0,086	FALSE
-0,122	0,311	-0,004	0,009	0,169	FALSE
-0,100	0,309	-0,004	0,012	0,130	FALSE
-0,128	0,313	-0,005	0,012	0,159	FALSE
-0,009	0,312	-0,001	0,008	0,039	FALSE
-0,105	0,297	-0,005	0,012	0,161	FALSE
-0,068	0,307	-0,002	0,011	0,081	FALSE
0,113	0,312	0,005	0,013	0,166	FALSE
0,097	0,312	0,005	0,012	0,155	FALSE
0,098	0,320	0,005	0,012	0,157	FALSE
0,188	0,289	0,005	0,007	0,303	FALSE

-0,032	0,317	-0,001	0,008	0,030	FALSE
-0,036	0,319	-0,001	0,009	0,028	FALSE
0,008	0,314	0,000	0,007	0,010	FALSE
-0,117	0,310	-0,005	0,011	0,184	FALSE
0,084	0,311	0,003	0,009	0,137	FALSE
-0,085	0,308	-0,002	0,008	0,115	FALSE
-0,090	0,316	-0,002	0,008	0,108	FALSE
0,060	0,314	0,002	0,008	0,095	FALSE
0,010	0,308	0,000	0,007	0,014	FALSE
0,034	0,312	0,000	0,009	0,001	FALSE
-0,076	0,292	-0,003	0,012	0,096	FALSE
0,064	0,309	0,002	0,008	0,117	FALSE
0,050	0,293	0,001	0,008	0,045	FALSE
-0,006	0,314	0,000	0,009	0,017	FALSE
-0,009	0,317	-0,001	0,009	0,030	FALSE
-0,026	0,294	-0,001	0,011	0,039	FALSE
-0,117	0,312	-0,005	0,012	0,162	FALSE
-0,029	0,310	-0,001	0,012	0,031	FALSE
0,088	0,293	0,003	0,010	0,121	FALSE
0,179	0,309	0,004	0,006	0,263	FALSE
-0,161	0,311	-0,004	0,008	0,221	FALSE
0,145	0,303	0,005	0,011	0,206	FALSE
-0,084	0,321	-0,003	0,009	0,110	FALSE
-0,120	0,310	-0,003	0,008	0,137	FALSE
0,020	0,292	0,000	0,007	0,013	FALSE
-0,087	0,288	-0,003	0,009	0,144	FALSE
-0,168	0,285	-0,004	0,007	0,250	FALSE
0,119	0,316	0,006	0,013	0,182	FALSE
0,135	0,308	0,007	0,012	0,223	FALSE
0,018	0,291	0,001	0,010	0,023	FALSE
-0,068	0,309	-0,002	0,008	0,071	FALSE
-0,058	0,309	-0,002	0,009	0,077	FALSE
0,046	0,309	0,000	0,013	0,007	FALSE
0,077	0,300	0,002	0,012	0,075	FALSE
0,086	0,312	0,003	0,012	0,092	FALSE
0,048	0,322	0,001	0,010	0,025	FALSE
-0,099	0,303	-0,003	0,007	0,147	FALSE
0,086	0,310	0,003	0,011	0,105	FALSE
0,068	0,329	0,002	0,010	0,069	FALSE
-0,022	0,301	0,000	0,006	0,020	FALSE
0,107	0,312	0,003	0,008	0,153	FALSE
0,018	0,306	0,001	0,008	0,056	FALSE
-0,008	0,304	-0,001	0,008	0,034	FALSE
-0,084	0,311	-0,003	0,009	0,133	FALSE
0,025	0,309	0,001	0,007	0,036	FALSE
-0,001	0,315	0,000	0,007	0,017	FALSE
-0,048	0,295	-0,003	0,011	0,084	FALSE
-0,006	0,315	0,000	0,010	0,015	FALSE
-0,005	0,315	0,000	0,010	0,009	FALSE
0,069	0,307	0,002	0,013	0,060	FALSE
-0,123	0,297	-0,003	0,007	0,188	FALSE
0,054	0,307	0,001	0,009	0,049	FALSE
0,006	0,304	0,001	0,010	0,020	FALSE

-0,095	0,289	-0,003	0,009	0,114	FALSE
0,055	0,307	0,002	0,011	0,051	FALSE
0,012	0,310	0,000	0,010	0,017	FALSE
0,075	0,295	0,002	0,008	0,119	FALSE
0,126	0,318	0,003	0,006	0,162	FALSE
0,012	0,329	0,000	0,013	0,010	FALSE
-0,021	0,303	0,000	0,009	0,008	FALSE
0,023	0,296	0,001	0,006	0,040	FALSE
0,019	0,312	0,001	0,006	0,045	FALSE
-0,116	0,292	-0,005	0,011	0,185	FALSE
-0,098	0,316	-0,002	0,006	0,117	FALSE
0,137	0,308	0,005	0,010	0,205	FALSE
0,064	0,313	0,002	0,010	0,089	FALSE
-0,209	0,292	-0,008	0,012	0,313	FALSE
-0,133	0,296	-0,005	0,011	0,209	FALSE
0,245	0,282	0,007	0,008	0,419	FALSE
0,044	0,309	0,002	0,012	0,047	FALSE
-0,032	0,311	-0,001	0,012	0,043	FALSE
-0,031	0,319	-0,002	0,013	0,047	FALSE
-0,029	0,305	-0,001	0,006	0,032	FALSE
-0,010	0,299	0,000	0,011	0,014	FALSE
-0,037	0,306	-0,002	0,012	0,048	FALSE
-0,003	0,310	0,000	0,008	0,007	FALSE
0,026	0,306	0,000	0,006	0,010	FALSE
-0,002	0,315	0,000	0,007	0,006	FALSE
-0,028	0,301	-0,002	0,012	0,066	FALSE
-0,013	0,310	-0,001	0,007	0,027	FALSE
-0,154	0,295	-0,005	0,011	0,196	FALSE
0,138	0,311	0,005	0,011	0,180	FALSE
-0,113	0,305	-0,003	0,010	0,138	FALSE
0,045	0,290	0,003	0,012	0,084	FALSE
-0,077	0,313	-0,003	0,008	0,133	FALSE
0,003	0,302	0,000	0,012	0,011	FALSE
0,067	0,302	0,002	0,010	0,059	FALSE
-0,009	0,298	-0,001	0,007	0,038	FALSE
0,002	0,305	0,000	0,008	0,018	FALSE
0,062	0,317	0,003	0,013	0,085	FALSE
-0,037	0,310	-0,003	0,012	0,089	FALSE
-0,019	0,323	0,000	0,013	0,014	FALSE
-0,098	0,301	-0,003	0,010	0,125	FALSE
-0,083	0,319	-0,002	0,007	0,124	FALSE
-0,148	0,296	-0,004	0,008	0,201	FALSE
-0,152	0,299	-0,004	0,008	0,209	FALSE
-0,165	0,306	-0,004	0,008	0,227	FALSE
-0,147	0,298	-0,004	0,008	0,223	FALSE
-0,123	0,308	-0,003	0,007	0,173	FALSE
0,088	0,317	0,003	0,012	0,095	FALSE
0,092	0,295	0,004	0,012	0,128	FALSE
0,113	0,298	0,004	0,009	0,185	FALSE
-0,019	0,311	0,000	0,007	0,003	FALSE
0,092	0,297	0,004	0,012	0,123	FALSE
0,034	0,294	0,000	0,006	0,002	FALSE
-0,007	0,301	0,000	0,007	0,019	FALSE

-0,091	0,309	-0,003	0,009	0,120	FALSE
-0,048	0,314	-0,001	0,010	0,036	FALSE
-0,058	0,301	-0,001	0,009	0,047	FALSE
-0,061	0,317	-0,001	0,009	0,030	FALSE
-0,024	0,310	-0,001	0,007	0,033	FALSE
-0,076	0,314	-0,002	0,007	0,110	FALSE
-0,056	0,302	-0,001	0,009	0,062	FALSE
-0,052	0,301	-0,003	0,012	0,092	FALSE
-0,163	0,305	-0,007	0,012	0,248	FALSE
-0,029	0,308	-0,001	0,006	0,041	FALSE
-0,090	0,300	-0,004	0,012	0,112	FALSE
0,191	0,305	0,008	0,010	0,344	FALSE
0,208	0,303	0,010	0,013	0,353	FALSE
-0,142	0,303	-0,004	0,008	0,206	FALSE
0,190	0,300	0,008	0,012	0,282	FALSE
-0,119	0,307	-0,004	0,011	0,138	FALSE
0,131	0,309	0,003	0,009	0,125	FALSE
0,032	0,301	0,000	0,012	0,008	FALSE
-0,022	0,310	-0,001	0,011	0,034	FALSE
0,128	0,298	0,003	0,007	0,180	FALSE
0,110	0,315	0,003	0,008	0,155	FALSE
-0,016	0,302	0,000	0,007	0,019	FALSE
0,049	0,300	0,002	0,008	0,069	FALSE
-0,107	0,285	-0,003	0,010	0,106	FALSE
-0,012	0,309	0,000	0,008	0,000	FALSE
0,020	0,312	0,001	0,008	0,044	FALSE
0,031	0,306	0,001	0,013	0,029	FALSE
-0,168	0,306	-0,004	0,006	0,241	FALSE
-0,093	0,314	-0,004	0,012	0,131	FALSE
0,031	0,302	0,001	0,009	0,024	FALSE
-0,197	0,302	-0,009	0,012	0,334	FALSE
-0,026	0,311	-0,001	0,008	0,036	FALSE
-0,088	0,307	-0,003	0,009	0,119	FALSE
-0,089	0,304	-0,003	0,009	0,118	FALSE
-0,055	0,305	-0,001	0,012	0,027	FALSE
-0,063	0,312	-0,003	0,010	0,100	FALSE
0,042	0,313	0,001	0,007	0,047	FALSE
0,060	0,301	0,002	0,012	0,065	FALSE
-0,079	0,311	-0,004	0,011	0,150	FALSE
0,075	0,310	0,003	0,010	0,106	FALSE
-0,043	0,306	-0,001	0,008	0,022	FALSE
0,032	0,304	0,001	0,008	0,027	FALSE
0,041	0,315	0,000	0,007	0,009	FALSE
0,033	0,304	0,000	0,007	0,005	FALSE
-0,131	0,289	-0,004	0,010	0,189	FALSE
-0,063	0,308	-0,002	0,009	0,069	FALSE
0,133	0,310	0,005	0,011	0,178	FALSE
0,091	0,296	0,003	0,012	0,108	FALSE
0,050	0,311	0,002	0,013	0,045	FALSE
0,154	0,293	0,004	0,009	0,197	FALSE
-0,003	0,318	0,000	0,009	0,006	FALSE
0,081	0,306	0,001	0,007	0,026	FALSE
0,083	0,305	0,003	0,012	0,096	FALSE

0,109	0,297	0,005	0,011	0,184	FALSE
0,094	0,312	0,003	0,010	0,133	FALSE
-0,163	0,290	-0,006	0,010	0,246	FALSE
-0,173	0,307	-0,006	0,011	0,228	FALSE
-0,172	0,292	-0,005	0,009	0,236	FALSE
-0,039	0,317	-0,001	0,008	0,062	FALSE
0,034	0,319	0,001	0,008	0,053	FALSE
0,054	0,294	0,002	0,012	0,054	FALSE
-0,116	0,303	-0,003	0,011	0,120	FALSE
0,005	0,300	0,000	0,007	0,005	FALSE
0,025	0,299	0,001	0,008	0,024	FALSE
-0,090	0,312	-0,002	0,007	0,118	FALSE
-0,080	0,311	-0,002	0,007	0,106	FALSE
0,063	0,303	0,001	0,010	0,046	FALSE
0,016	0,308	0,001	0,010	0,044	FALSE
0,118	0,308	0,003	0,008	0,148	FALSE
0,045	0,299	0,002	0,010	0,090	FALSE
-0,155	0,312	-0,006	0,012	0,213	FALSE
0,113	0,300	0,005	0,012	0,179	FALSE
-0,093	0,311	-0,003	0,011	0,111	FALSE
0,016	0,301	0,001	0,008	0,027	FALSE
0,037	0,324	0,002	0,012	0,055	FALSE
0,037	0,304	0,001	0,006	0,041	FALSE
-0,117	0,308	-0,005	0,012	0,174	FALSE
-0,132	0,309	-0,005	0,012	0,190	FALSE
0,085	0,287	0,003	0,009	0,131	FALSE
0,152	0,289	0,003	0,007	0,178	FALSE
-0,104	0,288	-0,004	0,011	0,154	FALSE
0,031	0,305	0,002	0,012	0,044	FALSE
0,093	0,309	0,003	0,013	0,102	FALSE
0,041	0,295	0,002	0,006	0,101	FALSE
-0,011	0,311	0,000	0,013	0,003	FALSE
-0,060	0,313	-0,002	0,009	0,065	FALSE
0,044	0,302	0,002	0,007	0,092	FALSE
-0,023	0,299	-0,001	0,011	0,031	FALSE
0,007	0,310	0,001	0,007	0,028	FALSE
0,071	0,306	0,004	0,012	0,113	FALSE
0,093	0,310	0,004	0,010	0,148	FALSE
-0,108	0,311	-0,003	0,008	0,157	FALSE
-0,110	0,303	-0,003	0,008	0,164	FALSE
0,033	0,302	0,002	0,011	0,054	FALSE
-0,134	0,313	-0,003	0,007	0,153	FALSE
-0,076	0,316	-0,001	0,007	0,072	FALSE
0,023	0,310	0,000	0,009	0,009	FALSE
-0,089	0,294	-0,003	0,012	0,086	FALSE
-0,073	0,297	-0,002	0,009	0,088	FALSE
-0,031	0,327	-0,001	0,008	0,047	FALSE
-0,034	0,289	0,000	0,012	0,002	FALSE
-0,062	0,301	-0,002	0,009	0,092	FALSE
-0,070	0,299	-0,002	0,008	0,092	FALSE
-0,017	0,321	-0,001	0,012	0,024	FALSE
0,036	0,302	0,001	0,007	0,061	FALSE
-0,077	0,324	-0,003	0,013	0,101	FALSE

0,068	0,306	0,002	0,008	0,108	FALSE
-0,103	0,315	-0,002	0,007	0,101	FALSE
0,040	0,289	0,003	0,012	0,089	FALSE
-0,044	0,306	-0,002	0,012	0,070	FALSE
0,009	0,311	0,000	0,009	0,003	FALSE
0,010	0,315	0,000	0,012	0,013	FALSE
-0,059	0,293	-0,001	0,007	0,033	FALSE
0,065	0,302	0,003	0,012	0,100	FALSE
0,008	0,309	0,000	0,011	0,008	FALSE
0,105	0,294	0,003	0,008	0,156	FALSE
0,140	0,306	0,005	0,012	0,161	FALSE
-0,007	0,311	0,000	0,008	0,000	FALSE
-0,064	0,316	-0,002	0,011	0,087	FALSE
-0,080	0,303	-0,003	0,012	0,094	FALSE
-0,129	0,292	-0,005	0,011	0,193	FALSE
-0,154	0,298	-0,004	0,006	0,244	FALSE
-0,243	0,302	-0,009	0,011	0,366	FALSE
-0,036	0,307	0,000	0,008	0,003	FALSE
0,031	0,310	0,001	0,009	0,049	FALSE
0,019	0,307	0,000	0,008	0,003	FALSE
0,022	0,302	0,001	0,007	0,042	FALSE
-0,039	0,320	0,000	0,008	0,013	FALSE
-0,116	0,309	-0,002	0,007	0,139	FALSE
-0,021	0,316	-0,001	0,008	0,028	FALSE
-0,086	0,313	-0,002	0,007	0,125	FALSE
-0,124	0,302	-0,003	0,007	0,171	FALSE
0,132	0,301	0,006	0,012	0,205	FALSE
-0,084	0,315	-0,004	0,012	0,118	FALSE
0,006	0,303	0,000	0,006	0,012	FALSE
-0,124	0,301	-0,005	0,010	0,192	FALSE
-0,074	0,317	-0,002	0,007	0,114	FALSE
0,091	0,315	0,002	0,008	0,110	FALSE
0,035	0,317	0,001	0,011	0,018	FALSE
-0,008	0,306	-0,002	0,011	0,055	FALSE
0,005	0,307	-0,001	0,013	0,020	FALSE
-0,083	0,317	-0,001	0,006	0,074	FALSE
-0,098	0,321	-0,004	0,013	0,123	FALSE
0,015	0,311	0,000	0,011	0,013	FALSE
-0,094	0,286	-0,002	0,010	0,083	FALSE
-0,039	0,304	0,000	0,006	0,026	FALSE
-0,041	0,312	-0,001	0,009	0,029	FALSE
0,005	0,299	0,001	0,012	0,024	FALSE
-0,093	0,307	-0,003	0,009	0,138	FALSE
-0,081	0,302	-0,003	0,009	0,127	FALSE
-0,065	0,308	-0,003	0,009	0,108	FALSE
-0,097	0,310	-0,004	0,012	0,145	FALSE
0,051	0,306	0,001	0,007	0,065	FALSE
-0,069	0,297	-0,001	0,006	0,080	FALSE
-0,027	0,319	-0,001	0,007	0,034	FALSE
0,088	0,298	0,003	0,007	0,187	FALSE
-0,025	0,303	0,000	0,009	0,003	FALSE
-0,079	0,297	-0,004	0,012	0,119	FALSE
0,103	0,307	0,004	0,011	0,165	FALSE

0,013	0,311	-0,001	0,011	0,022	FALSE
-0,089	0,308	-0,003	0,010	0,101	FALSE
0,052	0,299	0,001	0,006	0,092	FALSE
0,064	0,324	0,002	0,013	0,072	FALSE
0,123	0,313	0,004	0,012	0,143	FALSE
-0,149	0,303	-0,005	0,009	0,236	FALSE
-0,005	0,299	0,000	0,006	0,013	FALSE
-0,086	0,309	-0,002	0,007	0,110	FALSE
-0,051	0,301	-0,001	0,007	0,026	FALSE
-0,081	0,308	-0,002	0,010	0,078	FALSE
0,003	0,294	0,000	0,011	0,009	FALSE
0,016	0,295	0,001	0,008	0,035	FALSE
-0,028	0,300	0,000	0,007	0,005	FALSE
-0,032	0,308	-0,001	0,008	0,057	FALSE
0,009	0,297	0,000	0,010	0,002	FALSE
-0,009	0,327	-0,001	0,012	0,034	FALSE
-0,034	0,319	-0,002	0,013	0,046	FALSE
-0,098	0,317	-0,003	0,010	0,121	FALSE
0,004	0,319	0,000	0,010	0,012	FALSE
0,054	0,306	0,001	0,012	0,017	FALSE
0,080	0,311	0,002	0,007	0,111	FALSE
0,005	0,310	0,000	0,007	0,008	FALSE
0,060	0,303	0,001	0,007	0,065	FALSE
0,002	0,324	0,001	0,011	0,025	FALSE
-0,181	0,300	-0,007	0,010	0,317	FALSE
-0,045	0,310	-0,002	0,013	0,070	FALSE
0,091	0,300	0,002	0,008	0,121	FALSE
-0,033	0,314	-0,001	0,008	0,060	FALSE
0,002	0,306	0,000	0,008	0,011	FALSE
0,029	0,312	0,001	0,010	0,019	FALSE
-0,060	0,307	-0,002	0,009	0,073	FALSE
0,054	0,304	0,002	0,010	0,073	FALSE
-0,027	0,313	-0,001	0,012	0,019	FALSE
-0,046	0,297	-0,001	0,006	0,053	FALSE
-0,001	0,310	0,000	0,007	0,009	FALSE
0,069	0,330	0,003	0,013	0,091	FALSE
-0,052	0,297	-0,003	0,011	0,091	FALSE
-0,028	0,310	-0,001	0,008	0,039	FALSE
-0,035	0,303	-0,001	0,010	0,021	FALSE
0,046	0,309	0,002	0,009	0,068	FALSE
-0,042	0,306	-0,002	0,010	0,065	FALSE
-0,039	0,291	-0,001	0,007	0,067	FALSE
-0,017	0,319	0,000	0,007	0,009	FALSE
-0,264	0,303	-0,010	0,012	0,396	FALSE
-0,028	0,320	0,000	0,009	0,008	FALSE
0,041	0,307	0,001	0,006	0,064	FALSE
-0,095	0,316	-0,002	0,008	0,084	FALSE
-0,063	0,313	-0,002	0,012	0,051	FALSE
0,002	0,301	0,000	0,012	0,015	FALSE
0,134	0,301	0,004	0,008	0,192	FALSE
0,125	0,301	0,003	0,007	0,169	FALSE
0,107	0,305	0,003	0,008	0,144	FALSE
0,036	0,295	0,000	0,008	0,011	FALSE

0,054	0,297	0,001	0,008	0,040	FALSE
0,219	0,296	0,005	0,007	0,323	FALSE
0,043	0,289	0,002	0,012	0,062	FALSE
-0,028	0,308	-0,001	0,008	0,037	FALSE
-0,031	0,312	-0,001	0,006	0,034	FALSE
0,072	0,306	0,002	0,007	0,086	FALSE
0,012	0,306	0,001	0,006	0,033	FALSE
-0,015	0,319	-0,001	0,013	0,024	FALSE
-0,052	0,312	-0,002	0,012	0,058	FALSE
-0,055	0,295	-0,002	0,011	0,057	FALSE
-0,041	0,293	-0,001	0,011	0,027	FALSE
-0,071	0,305	-0,001	0,009	0,060	FALSE
0,037	0,306	0,002	0,013	0,059	FALSE
0,047	0,296	0,001	0,006	0,082	FALSE
-0,039	0,325	-0,002	0,012	0,049	FALSE
-0,055	0,316	-0,002	0,009	0,067	FALSE
-0,014	0,327	-0,001	0,011	0,026	FALSE
-0,083	0,319	-0,002	0,009	0,099	FALSE
0,148	0,312	0,003	0,006	0,215	FALSE
-0,002	0,317	0,000	0,008	0,005	FALSE
0,029	0,297	0,000	0,011	0,014	FALSE
0,022	0,301	0,000	0,007	0,024	FALSE
-0,058	0,304	-0,003	0,012	0,099	FALSE
-0,010	0,295	0,000	0,007	0,022	FALSE
-0,025	0,303	-0,001	0,008	0,036	FALSE
0,057	0,314	0,001	0,008	0,073	FALSE
0,138	0,303	0,004	0,009	0,187	FALSE
0,192	0,295	0,005	0,009	0,241	FALSE
-0,033	0,311	-0,001	0,010	0,020	FALSE
0,175	0,304	0,007	0,013	0,234	FALSE
0,109	0,314	0,004	0,013	0,112	FALSE
0,063	0,302	0,001	0,007	0,043	FALSE
0,031	0,315	0,001	0,009	0,025	FALSE
-0,015	0,309	0,000	0,011	0,003	FALSE
-0,004	0,310	0,000	0,011	0,003	FALSE
0,129	0,304	0,003	0,009	0,149	FALSE
0,052	0,312	0,001	0,006	0,077	FALSE
0,037	0,300	0,000	0,008	0,010	FALSE
0,210	0,294	0,007	0,011	0,292	FALSE
-0,139	0,305	-0,006	0,013	0,186	FALSE
0,125	0,311	0,003	0,007	0,166	FALSE
-0,134	0,303	-0,003	0,008	0,153	FALSE
0,067	0,305	0,002	0,011	0,082	FALSE
-0,037	0,310	-0,002	0,009	0,068	FALSE
-0,017	0,311	-0,001	0,010	0,035	FALSE
0,011	0,307	0,001	0,008	0,023	FALSE
-0,039	0,298	-0,002	0,011	0,069	FALSE
0,025	0,316	0,001	0,008	0,028	FALSE
0,014	0,302	0,000	0,006	0,002	FALSE
-0,162	0,296	-0,004	0,010	0,166	FALSE
-0,007	0,310	-0,001	0,007	0,028	FALSE
0,034	0,305	0,001	0,006	0,031	FALSE
0,030	0,308	0,001	0,011	0,018	FALSE

-0,133	0,312	-0,003	0,007	0,185	FALSE
0,027	0,294	0,001	0,010	0,025	FALSE
0,014	0,305	0,000	0,009	0,019	FALSE
0,013	0,298	0,000	0,013	0,003	FALSE
-0,110	0,315	-0,002	0,007	0,127	FALSE
0,066	0,307	0,003	0,013	0,091	FALSE
0,048	0,306	0,002	0,013	0,054	FALSE
0,052	0,327	0,001	0,010	0,048	FALSE
0,128	0,303	0,003	0,007	0,197	FALSE
-0,020	0,297	-0,001	0,011	0,019	FALSE
-0,053	0,310	-0,002	0,010	0,080	FALSE
0,027	0,305	0,001	0,012	0,021	FALSE
-0,041	0,312	-0,001	0,010	0,047	FALSE
-0,006	0,308	-0,001	0,009	0,042	FALSE
0,072	0,290	0,002	0,006	0,114	FALSE
-0,008	0,306	0,000	0,009	0,003	FALSE
0,048	0,316	0,003	0,013	0,075	FALSE
-0,025	0,309	0,000	0,007	0,011	FALSE
0,073	0,325	0,003	0,012	0,103	FALSE
0,044	0,317	0,002	0,009	0,066	FALSE
-0,015	0,302	0,000	0,007	0,015	FALSE
0,078	0,311	0,003	0,012	0,086	FALSE
0,034	0,300	0,001	0,007	0,039	FALSE
-0,101	0,301	-0,004	0,011	0,148	FALSE
-0,095	0,294	-0,004	0,011	0,145	FALSE
-0,005	0,307	0,000	0,006	0,018	FALSE
0,091	0,297	0,003	0,010	0,106	FALSE
-0,106	0,302	-0,003	0,008	0,141	FALSE
-0,025	0,304	-0,001	0,008	0,060	FALSE
0,004	0,305	0,000	0,006	0,028	FALSE
0,114	0,302	0,003	0,007	0,154	FALSE
0,119	0,312	0,003	0,007	0,167	FALSE
0,020	0,310	0,002	0,013	0,050	FALSE
0,005	0,319	0,000	0,008	0,018	FALSE
0,064	0,311	0,002	0,007	0,087	FALSE
-0,031	0,308	-0,001	0,008	0,024	FALSE
0,117	0,295	0,005	0,012	0,190	FALSE
0,107	0,290	0,006	0,013	0,192	FALSE
0,019	0,301	0,001	0,009	0,033	FALSE
0,049	0,303	0,002	0,010	0,065	FALSE
-0,059	0,312	-0,002	0,013	0,057	FALSE
-0,176	0,299	-0,004	0,006	0,244	FALSE
0,057	0,303	0,002	0,011	0,071	FALSE
0,033	0,307	0,001	0,009	0,050	FALSE
0,105	0,311	0,001	0,007	0,081	FALSE
0,146	0,305	0,004	0,009	0,202	FALSE
0,034	0,311	0,000	0,007	0,022	FALSE
0,020	0,313	0,001	0,009	0,030	FALSE
0,088	0,310	0,003	0,007	0,152	FALSE
-0,084	0,297	-0,002	0,008	0,081	FALSE
-0,027	0,313	-0,001	0,012	0,042	FALSE
0,082	0,305	0,002	0,007	0,127	FALSE
-0,038	0,316	-0,001	0,011	0,039	FALSE

-0,103	0,308	-0,002	0,006	0,104	FALSE
0,044	0,299	0,001	0,008	0,055	FALSE
0,050	0,311	0,001	0,007	0,078	FALSE
-0,111	0,308	-0,003	0,008	0,159	FALSE
-0,020	0,304	-0,001	0,012	0,021	FALSE
-0,067	0,320	-0,001	0,007	0,072	FALSE
0,064	0,320	0,002	0,008	0,109	FALSE
0,075	0,297	0,003	0,012	0,112	FALSE
0,051	0,323	0,001	0,007	0,049	FALSE
0,091	0,306	0,002	0,006	0,111	FALSE
0,040	0,297	0,002	0,012	0,072	FALSE
0,108	0,310	0,003	0,009	0,128	FALSE
0,047	0,323	0,002	0,013	0,047	FALSE
-0,030	0,307	-0,002	0,012	0,054	FALSE
-0,013	0,302	0,000	0,011	0,005	FALSE
-0,078	0,304	-0,002	0,008	0,103	FALSE
-0,022	0,299	0,000	0,007	0,018	FALSE
0,115	0,304	0,002	0,006	0,162	FALSE
0,002	0,303	0,000	0,010	0,007	FALSE
-0,119	0,303	-0,003	0,008	0,170	FALSE
0,073	0,312	0,002	0,009	0,095	FALSE
0,016	0,307	0,000	0,010	0,008	FALSE
-0,124	0,305	-0,004	0,010	0,163	FALSE
-0,014	0,302	-0,001	0,009	0,036	FALSE
-0,120	0,299	-0,003	0,008	0,180	FALSE
-0,113	0,293	-0,004	0,010	0,189	FALSE
-0,010	0,310	0,000	0,009	0,017	FALSE
0,017	0,309	0,000	0,010	0,011	FALSE
0,080	0,314	0,002	0,008	0,074	FALSE
-0,079	0,302	-0,002	0,008	0,092	FALSE
0,012	0,313	0,000	0,007	0,006	FALSE
-0,042	0,304	-0,002	0,013	0,050	FALSE
0,006	0,311	-0,001	0,010	0,019	FALSE
0,017	0,298	-0,001	0,011	0,018	FALSE
-0,060	0,300	-0,002	0,012	0,063	FALSE
0,019	0,303	0,000	0,012	0,002	FALSE
-0,186	0,306	-0,008	0,013	0,280	FALSE
0,098	0,310	0,004	0,012	0,133	FALSE
0,159	0,311	0,004	0,009	0,208	FALSE
0,050	0,309	0,002	0,013	0,057	FALSE
0,004	0,314	0,000	0,008	0,015	FALSE
-0,135	0,304	-0,005	0,012	0,163	FALSE
0,086	0,306	0,002	0,006	0,125	FALSE
0,125	0,309	0,004	0,008	0,180	FALSE
0,068	0,305	0,004	0,010	0,140	FALSE
-0,034	0,317	-0,001	0,011	0,048	FALSE
-0,056	0,307	-0,002	0,010	0,081	FALSE
-0,029	0,315	-0,001	0,011	0,038	FALSE
0,031	0,308	0,001	0,010	0,039	FALSE
0,031	0,301	0,002	0,011	0,059	FALSE
0,091	0,311	0,003	0,009	0,108	FALSE
-0,099	0,303	-0,002	0,007	0,133	FALSE
0,057	0,307	0,002	0,012	0,070	FALSE

-0,098	0,296	-0,005	0,012	0,174	FALSE
-0,194	0,294	-0,007	0,011	0,285	FALSE
-0,141	0,300	-0,003	0,007	0,182	FALSE
-0,044	0,308	-0,002	0,010	0,075	FALSE
0,173	0,320	0,008	0,013	0,271	FALSE
0,045	0,296	0,001	0,010	0,043	FALSE
0,079	0,310	0,002	0,012	0,079	FALSE
0,144	0,302	0,004	0,007	0,223	FALSE
-0,037	0,302	-0,001	0,012	0,046	FALSE
0,006	0,310	-0,001	0,012	0,015	FALSE
-0,034	0,295	-0,002	0,011	0,062	FALSE
-0,036	0,306	-0,002	0,008	0,101	FALSE
-0,037	0,304	-0,002	0,008	0,097	FALSE
-0,104	0,306	-0,004	0,011	0,144	FALSE
-0,004	0,292	-0,002	0,011	0,058	FALSE
-0,070	0,307	-0,003	0,012	0,095	FALSE
-0,019	0,304	0,000	0,006	0,004	FALSE
0,072	0,307	0,002	0,007	0,097	FALSE
0,043	0,304	0,001	0,007	0,034	FALSE
0,033	0,288	0,001	0,010	0,049	FALSE
-0,102	0,303	-0,002	0,008	0,123	FALSE
0,045	0,308	0,001	0,009	0,053	FALSE
-0,107	0,298	-0,002	0,008	0,120	FALSE
0,056	0,307	0,002	0,011	0,058	FALSE
-0,062	0,309	-0,002	0,008	0,072	FALSE
0,045	0,302	0,001	0,008	0,069	FALSE
-0,158	0,288	-0,007	0,012	0,238	FALSE
-0,166	0,272	-0,007	0,012	0,244	FALSE
-0,021	0,321	-0,001	0,013	0,014	FALSE
-0,063	0,302	-0,002	0,007	0,088	FALSE
-0,099	0,303	-0,002	0,008	0,123	FALSE
0,010	0,297	0,000	0,007	0,003	FALSE
0,012	0,287	0,000	0,010	0,005	FALSE
-0,056	0,310	-0,001	0,008	0,027	FALSE
-0,154	0,308	-0,006	0,012	0,207	FALSE
-0,156	0,301	-0,004	0,008	0,191	FALSE
-0,069	0,311	-0,002	0,009	0,109	FALSE
0,093	0,306	0,003	0,013	0,102	FALSE
0,011	0,310	0,000	0,008	0,006	FALSE
0,102	0,303	0,004	0,013	0,118	FALSE
-0,068	0,299	-0,002	0,013	0,073	FALSE
0,058	0,317	0,001	0,013	0,036	FALSE
0,235	0,293	0,009	0,011	0,358	FALSE
0,003	0,302	0,000	0,007	0,011	FALSE
-0,163	0,324	-0,005	0,009	0,246	FALSE
-0,028	0,297	-0,001	0,006	0,031	FALSE
-0,033	0,319	-0,001	0,011	0,023	FALSE
0,009	0,316	0,001	0,011	0,029	FALSE
-0,062	0,325	-0,002	0,010	0,065	FALSE
-0,026	0,304	-0,001	0,006	0,039	FALSE
-0,059	0,303	-0,002	0,008	0,093	FALSE
0,061	0,304	0,004	0,013	0,133	FALSE
0,024	0,306	0,001	0,008	0,057	FALSE

-0,060	0,316	-0,001	0,006	0,084	FALSE
-0,126	0,291	-0,005	0,010	0,194	FALSE
0,130	0,303	0,004	0,010	0,150	FALSE
0,035	0,314	0,001	0,012	0,038	FALSE
0,073	0,312	0,003	0,012	0,097	FALSE
-0,079	0,312	-0,002	0,007	0,088	FALSE
-0,107	0,308	-0,003	0,010	0,126	FALSE
0,004	0,307	0,000	0,011	0,014	FALSE
0,001	0,307	0,000	0,011	0,014	FALSE
-0,161	0,296	-0,005	0,009	0,245	FALSE
-0,186	0,299	-0,005	0,008	0,296	FALSE
0,010	0,308	0,000	0,010	0,010	FALSE
-0,015	0,317	0,000	0,006	0,006	FALSE
0,006	0,303	-0,001	0,008	0,028	FALSE
0,014	0,307	0,000	0,009	0,012	FALSE
0,015	0,301	0,000	0,009	0,013	FALSE
0,133	0,314	0,005	0,009	0,219	FALSE
0,179	0,309	0,006	0,010	0,246	FALSE
0,119	0,292	0,004	0,010	0,154	FALSE
0,040	0,324	0,001	0,010	0,044	FALSE
-0,086	0,318	-0,002	0,007	0,089	FALSE
-0,100	0,308	-0,002	0,006	0,098	FALSE
-0,099	0,313	-0,002	0,006	0,101	FALSE
0,089	0,287	0,004	0,009	0,169	FALSE
0,026	0,320	0,002	0,012	0,065	FALSE
-0,105	0,305	-0,002	0,007	0,124	FALSE
-0,062	0,302	-0,002	0,011	0,063	FALSE
0,159	0,294	0,004	0,008	0,191	FALSE
0,056	0,300	0,002	0,011	0,078	FALSE
-0,080	0,295	-0,003	0,009	0,133	FALSE
0,080	0,318	0,003	0,010	0,129	FALSE
0,131	0,295	0,003	0,007	0,196	FALSE
-0,073	0,299	-0,002	0,007	0,093	FALSE
-0,054	0,298	-0,001	0,008	0,067	FALSE
0,151	0,294	0,006	0,011	0,244	FALSE
-0,092	0,294	-0,004	0,012	0,119	FALSE
0,010	0,302	0,000	0,009	0,009	FALSE
0,109	0,310	0,004	0,011	0,155	FALSE
0,085	0,300	0,002	0,006	0,109	FALSE
0,013	0,291	0,000	0,012	0,013	FALSE
-0,011	0,306	0,000	0,007	0,001	FALSE
-0,063	0,311	-0,002	0,009	0,097	FALSE
0,099	0,301	0,003	0,009	0,130	FALSE
0,102	0,300	0,004	0,010	0,154	FALSE
0,004	0,310	-0,001	0,008	0,027	FALSE
0,013	0,302	0,000	0,012	0,008	FALSE
-0,077	0,301	-0,002	0,008	0,099	FALSE
0,076	0,312	0,001	0,007	0,070	FALSE
0,084	0,290	0,002	0,009	0,071	FALSE
-0,010	0,290	-0,001	0,011	0,032	FALSE
0,014	0,305	0,001	0,007	0,031	FALSE
0,204	0,309	0,004	0,006	0,271	FALSE
-0,007	0,323	0,000	0,007	0,002	FALSE

-0,013	0,306	0,000	0,012	0,003	FALSE
-0,069	0,311	-0,002	0,009	0,061	FALSE
-0,028	0,305	-0,001	0,012	0,018	FALSE
0,146	0,306	0,006	0,012	0,208	FALSE
0,086	0,311	0,002	0,008	0,108	FALSE
-0,070	0,299	-0,002	0,010	0,087	FALSE
-0,093	0,305	-0,002	0,006	0,105	FALSE
-0,024	0,310	-0,001	0,007	0,039	FALSE
0,101	0,302	0,004	0,012	0,141	FALSE
-0,037	0,303	-0,002	0,012	0,048	FALSE
-0,086	0,300	-0,003	0,010	0,106	FALSE
0,028	0,311	0,001	0,008	0,046	FALSE
-0,026	0,302	-0,001	0,007	0,049	FALSE
-0,119	0,314	-0,004	0,010	0,151	FALSE
0,037	0,311	0,002	0,012	0,060	FALSE
-0,001	0,303	0,000	0,012	0,006	FALSE
0,028	0,299	0,000	0,007	0,006	FALSE
-0,137	0,322	-0,003	0,008	0,188	FALSE
0,043	0,300	0,002	0,008	0,095	FALSE
0,036	0,311	0,001	0,011	0,051	FALSE
-0,090	0,298	-0,004	0,012	0,116	FALSE
-0,039	0,313	-0,001	0,009	0,056	FALSE
-0,139	0,314	-0,006	0,012	0,205	FALSE
-0,117	0,302	-0,005	0,012	0,178	FALSE
-0,114	0,314	-0,005	0,012	0,182	FALSE
0,135	0,306	0,003	0,008	0,165	FALSE
0,111	0,297	0,003	0,008	0,128	FALSE
-0,125	0,317	-0,004	0,009	0,171	FALSE
0,011	0,303	0,000	0,008	0,002	FALSE
0,083	0,298	0,002	0,006	0,127	FALSE
-0,084	0,303	-0,002	0,008	0,087	FALSE
-0,059	0,313	-0,001	0,010	0,053	FALSE
-0,132	0,299	-0,003	0,008	0,166	FALSE
0,096	0,306	0,002	0,009	0,097	FALSE
-0,112	0,295	-0,003	0,009	0,142	FALSE
-0,057	0,315	-0,002	0,012	0,067	FALSE
0,050	0,301	0,001	0,007	0,071	FALSE
0,040	0,310	0,001	0,007	0,041	FALSE
0,044	0,313	0,001	0,013	0,042	FALSE
-0,098	0,299	-0,003	0,010	0,123	FALSE
0,018	0,297	0,000	0,008	0,007	FALSE
0,060	0,302	0,002	0,010	0,085	FALSE
-0,030	0,300	0,000	0,007	0,020	FALSE
-0,054	0,293	-0,001	0,007	0,053	FALSE
-0,027	0,299	0,000	0,006	0,005	FALSE
-0,064	0,310	0,000	0,010	0,017	FALSE
0,073	0,321	0,002	0,008	0,081	FALSE
0,011	0,297	-0,001	0,008	0,023	FALSE
-0,147	0,298	-0,003	0,006	0,204	FALSE
0,006	0,289	-0,001	0,009	0,022	FALSE
-0,121	0,308	-0,004	0,012	0,143	FALSE
-0,123	0,283	-0,002	0,006	0,153	FALSE
-0,059	0,306	-0,002	0,009	0,069	FALSE

0,121	0,314	0,004	0,010	0,147	FALSE
-0,139	0,301	-0,003	0,007	0,183	FALSE
0,019	0,303	0,001	0,008	0,037	FALSE
0,019	0,302	0,000	0,007	0,003	FALSE
-0,107	0,303	-0,003	0,010	0,124	FALSE
0,082	0,296	0,003	0,012	0,106	FALSE
0,047	0,309	0,001	0,011	0,043	FALSE
0,141	0,293	0,005	0,009	0,210	FALSE
-0,011	0,303	-0,001	0,009	0,024	FALSE
-0,223	0,283	-0,008	0,010	0,371	FALSE
-0,101	0,314	-0,002	0,008	0,119	FALSE
0,040	0,311	0,001	0,009	0,055	FALSE
0,105	0,313	0,005	0,013	0,147	FALSE
-0,066	0,321	-0,001	0,007	0,073	FALSE
-0,092	0,306	-0,002	0,006	0,098	FALSE
-0,013	0,304	-0,001	0,012	0,034	FALSE
-0,171	0,301	-0,006	0,011	0,236	FALSE
0,041	0,312	0,001	0,009	0,044	FALSE
-0,043	0,306	-0,002	0,009	0,072	FALSE
-0,013	0,306	0,000	0,009	0,005	FALSE
-0,015	0,294	0,000	0,011	0,015	FALSE
0,027	0,283	0,002	0,012	0,069	FALSE
0,022	0,311	0,000	0,008	0,008	FALSE
0,060	0,319	0,001	0,012	0,035	FALSE
0,086	0,295	0,003	0,009	0,115	FALSE
-0,044	0,309	-0,001	0,008	0,034	FALSE
-0,013	0,311	0,000	0,011	0,010	FALSE
0,044	0,302	0,001	0,008	0,068	FALSE
-0,059	0,284	-0,002	0,011	0,081	FALSE
0,063	0,294	0,002	0,011	0,081	FALSE
0,018	0,304	0,001	0,008	0,035	FALSE
-0,034	0,308	-0,002	0,010	0,074	FALSE
-0,068	0,324	-0,003	0,011	0,118	FALSE
-0,163	0,302	-0,007	0,012	0,230	FALSE
-0,003	0,314	-0,001	0,012	0,025	FALSE
0,060	0,297	0,001	0,006	0,058	FALSE
0,206	0,304	0,007	0,012	0,271	FALSE
-0,043	0,300	-0,001	0,006	0,048	FALSE
-0,079	0,309	-0,004	0,010	0,133	FALSE
0,014	0,305	0,001	0,010	0,052	FALSE
-0,048	0,313	-0,002	0,012	0,052	FALSE
0,095	0,320	0,001	0,007	0,072	FALSE
0,027	0,308	0,000	0,007	0,018	FALSE
-0,043	0,310	-0,001	0,008	0,067	FALSE
-0,025	0,305	0,000	0,007	0,011	FALSE
-0,012	0,293	0,000	0,008	0,005	FALSE
0,011	0,315	-0,001	0,013	0,014	FALSE
-0,062	0,314	-0,002	0,010	0,090	FALSE
0,109	0,320	0,002	0,006	0,116	FALSE
-0,053	0,305	-0,002	0,007	0,088	FALSE
0,099	0,306	0,003	0,007	0,143	FALSE
-0,102	0,301	-0,004	0,009	0,178	FALSE
-0,005	0,308	0,000	0,010	0,006	FALSE

-0,043	0,304	-0,002	0,009	0,090	FALSE
0,040	0,311	0,002	0,012	0,063	FALSE
0,011	0,311	0,001	0,013	0,030	FALSE
0,082	0,302	0,003	0,010	0,124	FALSE
0,003	0,308	0,000	0,011	0,012	FALSE
0,126	0,314	0,005	0,011	0,173	FALSE
-0,064	0,303	-0,002	0,008	0,080	FALSE
0,167	0,314	0,007	0,012	0,234	FALSE
-0,074	0,303	-0,003	0,008	0,130	FALSE
0,007	0,309	0,000	0,007	0,016	FALSE
-0,114	0,304	-0,003	0,008	0,179	FALSE
0,019	0,313	0,001	0,010	0,041	FALSE
-0,079	0,308	-0,002	0,012	0,076	FALSE
0,007	0,297	0,000	0,008	0,019	FALSE
-0,044	0,300	-0,002	0,010	0,061	FALSE
-0,108	0,312	-0,002	0,008	0,120	FALSE
0,008	0,314	0,001	0,013	0,024	FALSE
-0,025	0,333	-0,001	0,007	0,044	FALSE
-0,038	0,313	-0,001	0,009	0,054	FALSE
0,152	0,314	0,005	0,011	0,191	FALSE
0,056	0,321	0,001	0,007	0,064	FALSE
0,197	0,304	0,007	0,011	0,278	FALSE
-0,016	0,322	0,000	0,007	0,015	FALSE
0,000	0,311	0,000	0,007	0,009	FALSE
-0,005	0,318	0,000	0,006	0,003	FALSE
-0,052	0,312	-0,001	0,007	0,074	FALSE
-0,008	0,310	-0,001	0,009	0,026	FALSE
0,023	0,323	0,001	0,008	0,041	FALSE
0,022	0,299	0,001	0,007	0,041	FALSE
0,005	0,286	0,001	0,008	0,030	FALSE
-0,200	0,313	-0,006	0,008	0,296	FALSE
0,012	0,314	0,000	0,007	0,006	FALSE
-0,022	0,315	-0,001	0,007	0,026	FALSE
-0,008	0,317	0,000	0,008	0,009	FALSE
0,012	0,296	0,001	0,008	0,038	FALSE
-0,037	0,309	-0,001	0,006	0,046	FALSE
0,011	0,308	0,000	0,013	0,004	FALSE
-0,135	0,311	-0,005	0,012	0,191	FALSE
0,139	0,306	0,005	0,011	0,208	FALSE
-0,060	0,313	-0,001	0,007	0,054	FALSE
-0,066	0,308	-0,002	0,008	0,097	FALSE
0,067	0,308	0,002	0,013	0,060	FALSE
-0,034	0,301	-0,001	0,010	0,037	FALSE
0,116	0,303	0,003	0,007	0,179	FALSE
0,031	0,303	0,001	0,007	0,057	FALSE
-0,130	0,314	-0,005	0,012	0,187	FALSE
-0,147	0,306	-0,005	0,012	0,173	FALSE
0,029	0,309	0,001	0,013	0,025	FALSE
-0,083	0,288	-0,003	0,010	0,097	FALSE
0,032	0,299	0,000	0,008	0,010	FALSE
-0,064	0,295	-0,002	0,008	0,099	FALSE
0,003	0,315	0,000	0,006	0,003	FALSE
-0,094	0,289	-0,003	0,007	0,178	FALSE

-0,077	0,304	-0,002	0,010	0,085	FALSE
-0,059	0,308	-0,003	0,011	0,102	FALSE
-0,060	0,304	-0,003	0,011	0,109	FALSE
-0,045	0,308	-0,001	0,010	0,029	FALSE
0,185	0,295	0,006	0,009	0,298	FALSE
-0,034	0,299	-0,001	0,007	0,030	FALSE
0,033	0,311	0,002	0,011	0,053	FALSE
0,059	0,299	0,002	0,008	0,078	FALSE
0,022	0,297	0,001	0,007	0,074	FALSE
-0,051	0,318	-0,001	0,009	0,043	FALSE
-0,085	0,314	-0,003	0,010	0,132	FALSE
0,004	0,312	0,001	0,007	0,033	FALSE
0,026	0,302	0,000	0,009	0,018	FALSE
0,015	0,298	0,000	0,008	0,008	FALSE
-0,074	0,307	-0,003	0,009	0,111	FALSE
0,063	0,303	0,002	0,010	0,086	FALSE
0,035	0,315	0,002	0,013	0,063	FALSE
-0,010	0,328	-0,001	0,009	0,022	FALSE
0,033	0,303	0,001	0,007	0,032	FALSE
0,021	0,316	0,001	0,008	0,028	FALSE
0,041	0,301	0,001	0,008	0,040	FALSE
0,103	0,301	0,002	0,006	0,123	FALSE
-0,070	0,300	-0,001	0,009	0,048	FALSE
-0,060	0,303	-0,002	0,009	0,076	FALSE
-0,028	0,319	-0,001	0,008	0,025	FALSE
-0,065	0,320	-0,001	0,008	0,067	FALSE
-0,212	0,309	-0,009	0,013	0,326	FALSE
-0,189	0,290	-0,008	0,012	0,310	FALSE
0,096	0,294	0,002	0,007	0,098	FALSE
-0,023	0,320	-0,001	0,006	0,062	FALSE
0,087	0,313	0,003	0,012	0,092	FALSE
0,081	0,305	0,001	0,006	0,074	FALSE
-0,085	0,303	-0,002	0,007	0,094	FALSE
-0,050	0,312	-0,001	0,011	0,040	FALSE
-0,125	0,317	-0,005	0,013	0,159	FALSE
-0,007	0,319	0,000	0,012	0,005	FALSE
-0,071	0,315	-0,002	0,011	0,077	FALSE
-0,022	0,319	-0,001	0,012	0,019	FALSE
-0,078	0,310	-0,002	0,007	0,084	FALSE
0,034	0,313	0,001	0,011	0,033	FALSE
-0,046	0,316	-0,001	0,008	0,044	FALSE
-0,076	0,307	-0,002	0,008	0,116	FALSE
-0,092	0,319	-0,003	0,008	0,132	FALSE
-0,011	0,297	0,000	0,006	0,002	FALSE
-0,094	0,290	-0,002	0,007	0,109	FALSE
-0,040	0,309	-0,001	0,012	0,022	FALSE
-0,089	0,318	-0,002	0,008	0,082	FALSE
0,003	0,304	0,001	0,012	0,017	FALSE
-0,025	0,317	-0,002	0,010	0,060	FALSE
-0,018	0,307	-0,002	0,011	0,053	FALSE
0,103	0,314	0,005	0,013	0,142	FALSE
-0,025	0,307	-0,001	0,011	0,038	FALSE
0,010	0,322	0,001	0,006	0,031	FALSE

-0,043	0,302	-0,001	0,009	0,046	FALSE
-0,008	0,310	-0,001	0,013	0,020	FALSE
0,019	0,306	0,000	0,008	0,001	FALSE
0,029	0,298	0,001	0,007	0,036	FALSE
0,024	0,302	0,000	0,007	0,002	FALSE
-0,127	0,303	-0,002	0,006	0,152	FALSE
-0,094	0,296	-0,002	0,008	0,104	FALSE
-0,111	0,300	-0,003	0,009	0,137	FALSE
0,024	0,306	0,001	0,008	0,038	FALSE
0,006	0,305	0,000	0,009	0,006	FALSE
0,011	0,301	0,000	0,009	0,009	FALSE
0,020	0,314	0,001	0,007	0,041	FALSE
-0,007	0,309	0,001	0,007	0,031	FALSE
0,140	0,309	0,003	0,006	0,185	FALSE
-0,107	0,295	-0,003	0,009	0,142	FALSE
0,081	0,299	0,002	0,010	0,076	FALSE
0,126	0,307	0,004	0,010	0,157	FALSE
0,003	0,298	0,000	0,007	0,001	FALSE
-0,071	0,308	-0,002	0,010	0,083	FALSE
0,089	0,293	0,004	0,012	0,137	FALSE
0,131	0,297	0,004	0,009	0,188	FALSE
0,019	0,314	0,001	0,007	0,042	FALSE
0,128	0,297	0,004	0,007	0,227	FALSE
0,100	0,296	0,003	0,009	0,142	FALSE
0,074	0,300	0,002	0,008	0,118	FALSE
-0,029	0,291	0,000	0,009	0,014	FALSE
0,126	0,294	0,003	0,006	0,176	FALSE
0,085	0,300	0,004	0,011	0,129	FALSE
-0,038	0,301	-0,002	0,012	0,072	FALSE
0,078	0,301	0,002	0,009	0,087	FALSE
-0,007	0,301	0,000	0,007	0,014	FALSE
0,052	0,317	0,001	0,008	0,034	FALSE
-0,043	0,307	-0,002	0,008	0,073	FALSE
0,022	0,296	0,001	0,010	0,024	FALSE
0,043	0,312	0,002	0,010	0,057	FALSE
0,045	0,297	0,002	0,011	0,052	FALSE
0,057	0,298	0,002	0,010	0,068	FALSE
0,016	0,303	0,001	0,007	0,046	FALSE
0,059	0,316	0,002	0,010	0,057	FALSE
0,027	0,309	0,001	0,009	0,038	FALSE
-0,047	0,322	-0,002	0,013	0,044	FALSE
-0,080	0,309	-0,001	0,007	0,067	FALSE
0,098	0,316	0,003	0,012	0,103	FALSE
-0,092	0,310	-0,003	0,009	0,126	FALSE
0,013	0,305	0,001	0,012	0,023	FALSE
0,033	0,309	0,000	0,010	0,010	FALSE
-0,095	0,306	-0,002	0,006	0,123	FALSE
-0,083	0,321	-0,002	0,008	0,085	FALSE
0,014	0,296	0,001	0,011	0,034	FALSE
0,064	0,309	0,002	0,009	0,094	FALSE
-0,043	0,298	-0,001	0,009	0,038	FALSE
-0,043	0,297	-0,001	0,008	0,063	FALSE
-0,049	0,303	-0,001	0,008	0,069	FALSE

-0,008	0,308	0,000	0,008	0,015	FALSE
0,009	0,310	0,000	0,007	0,009	FALSE
-0,087	0,296	-0,004	0,010	0,139	FALSE
-0,029	0,312	0,000	0,012	0,012	FALSE
-0,113	0,304	-0,003	0,010	0,117	FALSE
0,033	0,311	0,001	0,007	0,029	FALSE
0,066	0,306	0,001	0,007	0,041	FALSE
-0,104	0,320	-0,003	0,012	0,103	FALSE
0,051	0,320	0,001	0,007	0,047	FALSE
-0,018	0,310	-0,001	0,010	0,029	FALSE
-0,050	0,309	-0,002	0,008	0,085	FALSE
0,038	0,316	0,001	0,012	0,034	FALSE
-0,084	0,314	-0,004	0,011	0,129	FALSE
0,215	0,271	0,009	0,010	0,432	FALSE
0,251	0,269	0,010	0,010	0,522	FALSE
0,243	0,279	0,010	0,012	0,378	FALSE
0,090	0,298	0,002	0,007	0,119	FALSE
-0,061	0,305	-0,002	0,007	0,118	FALSE
-0,054	0,306	-0,001	0,006	0,061	FALSE
0,044	0,315	0,001	0,010	0,052	FALSE
-0,070	0,294	-0,004	0,011	0,156	FALSE
-0,002	0,300	0,000	0,010	0,018	FALSE
-0,063	0,294	-0,002	0,012	0,068	FALSE
-0,043	0,312	-0,001	0,008	0,050	FALSE
0,049	0,317	0,001	0,010	0,038	FALSE
-0,008	0,314	-0,001	0,012	0,021	FALSE
-0,070	0,305	-0,003	0,012	0,110	FALSE
-0,039	0,306	-0,002	0,012	0,073	FALSE
-0,012	0,317	0,000	0,006	0,008	FALSE
-0,091	0,304	-0,003	0,009	0,133	FALSE
0,006	0,294	0,001	0,009	0,020	FALSE
-0,002	0,314	-0,001	0,013	0,020	FALSE
-0,014	0,301	0,000	0,006	0,014	FALSE
0,038	0,316	0,001	0,010	0,050	FALSE
0,090	0,309	0,002	0,009	0,110	FALSE
0,005	0,322	0,000	0,010	0,005	FALSE
-0,048	0,288	-0,003	0,012	0,082	FALSE
0,067	0,307	0,003	0,010	0,105	FALSE
0,196	0,287	0,006	0,010	0,292	FALSE
-0,077	0,305	-0,004	0,010	0,146	FALSE
-0,136	0,301	-0,003	0,007	0,195	FALSE
0,008	0,302	0,000	0,007	0,003	FALSE
-0,112	0,307	-0,004	0,012	0,123	FALSE
0,110	0,309	0,003	0,011	0,102	FALSE
-0,012	0,305	-0,001	0,008	0,031	FALSE
-0,033	0,293	-0,001	0,012	0,044	FALSE
-0,049	0,301	-0,002	0,010	0,078	FALSE
0,014	0,314	0,000	0,012	0,009	FALSE
-0,021	0,298	-0,002	0,012	0,048	FALSE
-0,139	0,319	-0,004	0,008	0,196	FALSE
0,034	0,311	0,002	0,012	0,075	FALSE
0,039	0,304	0,002	0,012	0,072	FALSE
0,092	0,329	0,003	0,010	0,115	FALSE

0,057	0,312	0,000	0,006	0,019	FALSE
0,021	0,303	0,002	0,012	0,050	FALSE
0,136	0,301	0,005	0,012	0,176	FALSE
0,000	0,297	0,001	0,006	0,037	FALSE
0,024	0,293	0,001	0,006	0,058	FALSE
-0,120	0,313	-0,004	0,011	0,160	FALSE
0,031	0,295	0,001	0,006	0,066	FALSE
0,081	0,302	0,002	0,007	0,086	FALSE
0,070	0,330	0,003	0,011	0,092	FALSE
-0,063	0,308	-0,001	0,007	0,059	FALSE
-0,183	0,297	-0,005	0,008	0,245	FALSE
0,080	0,312	0,002	0,007	0,125	FALSE
-0,113	0,303	-0,003	0,007	0,168	FALSE
0,101	0,312	0,003	0,008	0,132	FALSE
-0,056	0,312	-0,001	0,006	0,077	FALSE
-0,024	0,315	-0,001	0,013	0,035	FALSE
0,024	0,311	0,001	0,012	0,017	FALSE
-0,171	0,306	-0,007	0,013	0,254	FALSE
0,023	0,316	0,000	0,011	0,008	FALSE
-0,026	0,305	0,000	0,011	0,014	FALSE
-0,018	0,321	-0,001	0,013	0,031	FALSE
0,067	0,315	0,002	0,013	0,066	FALSE
-0,116	0,304	-0,004	0,012	0,135	FALSE
0,047	0,296	0,001	0,006	0,061	FALSE
-0,010	0,309	0,000	0,012	0,005	FALSE
0,021	0,309	0,000	0,010	0,006	FALSE
-0,068	0,321	-0,002	0,012	0,072	FALSE
0,003	0,309	0,000	0,008	0,009	FALSE
-0,050	0,311	-0,002	0,011	0,058	FALSE
-0,043	0,304	-0,001	0,012	0,046	FALSE
-0,066	0,309	-0,001	0,007	0,061	FALSE
-0,019	0,310	-0,001	0,008	0,052	FALSE
-0,052	0,307	-0,002	0,011	0,078	FALSE
0,044	0,315	0,001	0,012	0,035	FALSE
0,069	0,300	0,002	0,010	0,075	FALSE
0,097	0,316	0,004	0,010	0,150	FALSE
0,111	0,309	0,004	0,009	0,179	FALSE
0,079	0,309	0,003	0,009	0,132	FALSE
0,084	0,305	0,003	0,009	0,133	FALSE
0,022	0,303	0,002	0,012	0,053	FALSE
0,052	0,309	0,002	0,010	0,088	FALSE
-0,008	0,305	0,001	0,011	0,018	FALSE
-0,043	0,306	-0,001	0,012	0,023	FALSE
-0,094	0,305	-0,003	0,008	0,122	FALSE
0,021	0,309	0,000	0,009	0,017	FALSE
-0,058	0,313	-0,003	0,013	0,093	FALSE
-0,012	0,319	-0,001	0,013	0,035	FALSE
-0,034	0,303	-0,002	0,012	0,059	FALSE
-0,069	0,299	-0,003	0,011	0,087	FALSE
0,204	0,286	0,006	0,008	0,328	FALSE
0,035	0,295	0,002	0,009	0,061	FALSE
-0,042	0,310	-0,001	0,009	0,048	FALSE
-0,083	0,326	-0,003	0,008	0,125	FALSE

-0,086	0,303	-0,002	0,007	0,130	FALSE
-0,083	0,317	-0,002	0,008	0,106	FALSE
-0,075	0,299	-0,002	0,007	0,110	FALSE
0,052	0,311	0,002	0,007	0,084	FALSE
-0,001	0,316	0,000	0,011	0,000	FALSE
0,131	0,296	0,006	0,013	0,205	FALSE
0,174	0,297	0,007	0,012	0,246	FALSE
0,170	0,305	0,005	0,010	0,205	FALSE
0,143	0,305	0,004	0,008	0,204	FALSE
0,015	0,325	0,000	0,013	0,002	FALSE
-0,029	0,311	-0,001	0,006	0,046	FALSE
-0,030	0,311	-0,001	0,011	0,033	FALSE
0,114	0,313	0,005	0,012	0,168	FALSE
0,141	0,302	0,004	0,007	0,239	FALSE
-0,088	0,297	-0,003	0,012	0,091	FALSE
-0,204	0,300	-0,005	0,008	0,262	FALSE
0,016	0,308	0,000	0,008	0,006	FALSE
0,026	0,317	0,001	0,008	0,033	FALSE
-0,002	0,314	0,000	0,009	0,019	FALSE
0,033	0,312	0,002	0,012	0,055	FALSE
-0,193	0,310	-0,005	0,009	0,228	FALSE
-0,180	0,306	-0,004	0,008	0,225	FALSE
0,035	0,305	0,000	0,008	0,017	FALSE
-0,157	0,304	-0,006	0,013	0,195	FALSE
0,108	0,302	0,003	0,008	0,134	FALSE
0,037	0,312	0,001	0,007	0,045	FALSE
0,018	0,323	0,000	0,009	0,017	FALSE
-0,124	0,304	-0,004	0,009	0,178	FALSE
-0,131	0,292	-0,003	0,009	0,148	FALSE
0,147	0,302	0,006	0,012	0,237	FALSE
0,056	0,311	0,001	0,008	0,052	FALSE
-0,103	0,300	-0,003	0,007	0,135	FALSE
-0,126	0,299	-0,003	0,008	0,161	FALSE
0,007	0,306	0,000	0,007	0,005	FALSE
-0,003	0,308	0,000	0,013	0,003	FALSE
0,035	0,311	0,001	0,009	0,047	FALSE
-0,032	0,307	-0,001	0,011	0,023	FALSE
0,052	0,313	0,002	0,007	0,085	FALSE
0,089	0,302	0,002	0,007	0,095	FALSE
0,036	0,301	0,001	0,007	0,048	FALSE
0,161	0,298	0,005	0,009	0,210	FALSE
-0,018	0,306	-0,001	0,012	0,019	FALSE
0,156	0,312	0,004	0,009	0,192	FALSE
0,000	0,309	-0,001	0,009	0,033	FALSE
0,093	0,311	0,002	0,007	0,127	FALSE
-0,058	0,295	-0,002	0,007	0,091	FALSE
0,037	0,313	0,002	0,013	0,045	FALSE
-0,029	0,305	-0,002	0,011	0,055	FALSE
0,061	0,313	0,003	0,012	0,090	FALSE
0,013	0,303	0,001	0,010	0,034	FALSE
0,059	0,304	0,002	0,010	0,063	FALSE
0,086	0,312	0,002	0,006	0,118	FALSE
-0,111	0,319	-0,004	0,009	0,153	FALSE

-0,075	0,304	-0,003	0,012	0,086	FALSE
0,094	0,294	0,003	0,007	0,166	FALSE
0,006	0,323	0,000	0,010	0,004	FALSE
-0,219	0,305	-0,006	0,009	0,292	FALSE
0,091	0,307	0,002	0,007	0,116	FALSE
-0,122	0,308	-0,003	0,008	0,147	FALSE
0,034	0,308	0,002	0,010	0,058	FALSE
0,059	0,296	0,001	0,006	0,040	FALSE
0,222	0,293	0,009	0,012	0,338	FALSE
-0,119	0,310	-0,004	0,012	0,147	FALSE
-0,135	0,297	-0,004	0,010	0,184	FALSE
0,297	0,284	0,009	0,009	0,525	FALSE
-0,043	0,325	-0,002	0,010	0,062	FALSE
0,092	0,310	0,003	0,010	0,117	FALSE
0,127	0,313	0,004	0,010	0,182	FALSE
-0,010	0,318	0,000	0,011	0,007	FALSE
0,029	0,307	0,001	0,007	0,032	FALSE
0,006	0,300	0,000	0,006	0,027	FALSE
-0,012	0,316	-0,001	0,010	0,021	FALSE
-0,046	0,316	-0,002	0,012	0,066	FALSE
-0,017	0,303	-0,001	0,010	0,020	FALSE
0,021	0,312	0,000	0,012	0,006	FALSE
-0,066	0,296	-0,002	0,009	0,076	FALSE
0,042	0,307	0,002	0,012	0,048	FALSE
0,023	0,305	0,000	0,013	0,013	FALSE
-0,090	0,309	-0,002	0,007	0,108	FALSE
0,007	0,310	0,000	0,012	0,004	FALSE
-0,049	0,315	-0,003	0,011	0,089	FALSE
-0,092	0,311	-0,002	0,007	0,103	FALSE
-0,034	0,319	-0,001	0,009	0,042	FALSE
0,107	0,307	0,004	0,010	0,134	FALSE
0,069	0,310	0,003	0,013	0,092	FALSE
0,016	0,306	0,000	0,008	0,008	FALSE
-0,078	0,318	-0,002	0,007	0,110	FALSE
0,141	0,309	0,005	0,011	0,185	FALSE
0,209	0,295	0,007	0,010	0,309	FALSE
0,025	0,324	0,000	0,008	0,003	FALSE
-0,054	0,315	-0,002	0,008	0,090	FALSE
-0,159	0,292	-0,008	0,012	0,281	FALSE
0,102	0,296	0,004	0,008	0,186	FALSE
-0,006	0,311	0,000	0,007	0,013	FALSE
-0,109	0,305	-0,002	0,007	0,136	FALSE
-0,054	0,318	-0,001	0,009	0,048	FALSE
0,027	0,313	0,000	0,008	0,010	FALSE
-0,083	0,312	-0,003	0,011	0,123	FALSE
-0,033	0,303	-0,001	0,009	0,058	FALSE
-0,038	0,315	-0,001	0,011	0,039	FALSE
0,008	0,303	0,001	0,009	0,024	FALSE
-0,041	0,293	-0,001	0,010	0,027	FALSE
-0,040	0,308	-0,001	0,007	0,040	FALSE
-0,001	0,289	-0,001	0,009	0,036	FALSE
-0,034	0,310	-0,001	0,009	0,031	FALSE
0,079	0,310	0,003	0,013	0,098	FALSE

-0,041	0,290	-0,002	0,010	0,073	FALSE
0,159	0,299	0,004	0,007	0,234	FALSE
0,002	0,306	0,001	0,012	0,019	FALSE
-0,015	0,309	0,000	0,010	0,004	FALSE
-0,016	0,300	0,000	0,011	0,009	FALSE
-0,039	0,322	-0,001	0,013	0,036	FALSE
-0,019	0,302	0,000	0,008	0,020	FALSE
0,057	0,303	0,002	0,010	0,063	FALSE
-0,080	0,305	-0,002	0,006	0,124	FALSE
-0,042	0,299	-0,001	0,007	0,069	FALSE
-0,060	0,309	-0,001	0,008	0,057	FALSE
0,202	0,304	0,008	0,012	0,313	FALSE
0,167	0,306	0,007	0,012	0,256	FALSE
-0,103	0,305	-0,004	0,012	0,142	FALSE
0,026	0,305	0,001	0,008	0,041	FALSE
-0,048	0,310	-0,003	0,011	0,092	FALSE
0,025	0,289	0,001	0,009	0,027	FALSE
0,086	0,304	0,003	0,008	0,125	FALSE
-0,079	0,302	-0,002	0,009	0,069	FALSE
-0,018	0,316	0,000	0,012	0,012	FALSE
-0,057	0,322	-0,001	0,009	0,054	FALSE
-0,023	0,300	0,000	0,007	0,006	FALSE
-0,174	0,314	-0,007	0,013	0,243	FALSE
0,029	0,315	0,000	0,009	0,016	FALSE
-0,156	0,301	-0,003	0,007	0,210	FALSE
-0,051	0,303	-0,001	0,007	0,044	FALSE
0,082	0,301	0,003	0,012	0,098	FALSE
-0,110	0,317	-0,005	0,012	0,172	FALSE
0,042	0,287	0,001	0,010	0,052	FALSE
0,024	0,288	0,002	0,012	0,059	FALSE
-0,074	0,308	-0,001	0,007	0,079	FALSE
-0,070	0,310	-0,001	0,008	0,070	FALSE
-0,047	0,309	-0,001	0,007	0,069	FALSE
0,131	0,307	0,004	0,010	0,173	FALSE
0,093	0,305	0,001	0,006	0,074	FALSE
-0,014	0,313	-0,001	0,009	0,034	FALSE
0,072	0,303	0,003	0,012	0,095	FALSE
-0,042	0,307	-0,002	0,012	0,053	FALSE
-0,024	0,308	-0,001	0,012	0,018	FALSE
0,007	0,302	0,001	0,011	0,035	FALSE
-0,043	0,326	-0,001	0,010	0,046	FALSE
0,002	0,313	0,001	0,009	0,032	FALSE
-0,003	0,310	-0,001	0,013	0,019	FALSE
0,003	0,297	0,000	0,011	0,012	FALSE
-0,064	0,300	-0,001	0,006	0,097	FALSE
-0,061	0,294	-0,001	0,007	0,070	FALSE
0,011	0,314	0,000	0,006	0,011	FALSE
-0,028	0,304	-0,001	0,006	0,036	FALSE
-0,017	0,301	0,000	0,006	0,021	FALSE
0,079	0,316	0,003	0,012	0,096	FALSE
-0,115	0,290	-0,004	0,012	0,125	FALSE
0,084	0,315	0,003	0,009	0,108	FALSE
0,005	0,304	0,001	0,010	0,031	FALSE

0,024	0,298	0,001	0,006	0,031	FALSE
-0,012	0,307	0,000	0,010	0,002	FALSE
0,033	0,305	0,001	0,012	0,022	FALSE
0,089	0,297	0,003	0,008	0,131	FALSE
0,059	0,288	0,002	0,008	0,078	FALSE
0,149	0,293	0,006	0,012	0,199	FALSE
0,037	0,303	0,001	0,010	0,029	FALSE
-0,047	0,304	-0,002	0,011	0,050	FALSE
0,001	0,312	-0,001	0,010	0,029	FALSE
-0,046	0,316	-0,001	0,009	0,060	FALSE
-0,030	0,321	-0,001	0,013	0,033	FALSE
0,011	0,302	0,000	0,007	0,003	FALSE
-0,184	0,284	-0,007	0,012	0,255	FALSE
0,104	0,305	0,003	0,013	0,102	FALSE
0,126	0,311	0,004	0,010	0,159	FALSE
0,088	0,311	0,003	0,013	0,081	FALSE
0,085	0,290	0,003	0,007	0,149	FALSE
0,145	0,312	0,007	0,012	0,236	FALSE
0,044	0,311	0,000	0,012	0,010	FALSE
0,115	0,299	0,005	0,012	0,168	FALSE
-0,104	0,296	-0,004	0,012	0,134	FALSE
-0,077	0,303	-0,003	0,012	0,094	FALSE
-0,148	0,293	-0,005	0,009	0,226	FALSE
-0,101	0,308	-0,004	0,011	0,135	FALSE
0,063	0,297	0,002	0,008	0,074	FALSE
-0,010	0,300	0,000	0,012	0,001	FALSE
0,071	0,299	0,002	0,008	0,091	FALSE
-0,100	0,307	-0,005	0,012	0,159	FALSE
0,200	0,282	0,008	0,012	0,325	FALSE
-0,011	0,309	0,001	0,011	0,021	FALSE
0,042	0,301	0,001	0,007	0,032	FALSE
-0,029	0,319	-0,001	0,013	0,016	FALSE
0,108	0,312	0,003	0,012	0,113	FALSE
0,077	0,309	0,003	0,012	0,082	FALSE
0,068	0,300	0,002	0,012	0,070	FALSE
-0,171	0,305	-0,004	0,008	0,225	FALSE
-0,098	0,306	-0,003	0,007	0,155	FALSE
-0,048	0,305	-0,002	0,010	0,067	FALSE
0,129	0,301	0,003	0,006	0,195	FALSE
0,019	0,302	0,001	0,007	0,028	FALSE
-0,178	0,309	-0,005	0,008	0,252	FALSE
0,138	0,293	0,004	0,009	0,190	FALSE
-0,186	0,305	-0,005	0,008	0,286	FALSE
-0,044	0,306	-0,002	0,011	0,070	FALSE
0,006	0,302	0,000	0,012	0,010	FALSE
-0,135	0,308	-0,005	0,009	0,206	FALSE
-0,055	0,313	-0,001	0,007	0,060	FALSE
0,017	0,320	0,001	0,010	0,034	FALSE
-0,059	0,302	-0,002	0,012	0,077	FALSE
-0,003	0,304	0,001	0,011	0,022	FALSE
-0,013	0,315	0,000	0,011	0,005	FALSE
-0,044	0,305	-0,001	0,009	0,042	FALSE
-0,032	0,304	-0,001	0,010	0,027	FALSE

-0,112	0,306	-0,003	0,007	0,145	FALSE
0,025	0,313	0,001	0,008	0,027	FALSE
-0,023	0,296	-0,001	0,007	0,029	FALSE
-0,128	0,312	-0,003	0,008	0,161	FALSE
-0,092	0,306	-0,003	0,012	0,097	FALSE
-0,146	0,304	-0,005	0,011	0,197	FALSE
-0,145	0,302	-0,005	0,010	0,197	FALSE
-0,152	0,311	-0,007	0,014	0,206	FALSE
0,017	0,309	0,001	0,012	0,032	FALSE
0,087	0,305	0,003	0,008	0,131	FALSE
-0,055	0,308	-0,001	0,008	0,064	FALSE
-0,156	0,310	-0,003	0,007	0,186	FALSE
0,052	0,308	0,002	0,011	0,068	FALSE
-0,054	0,317	-0,001	0,012	0,038	FALSE
-0,091	0,310	-0,003	0,007	0,144	FALSE
0,128	0,305	0,003	0,007	0,173	FALSE
-0,198	0,298	-0,004	0,006	0,259	FALSE
0,089	0,314	0,001	0,007	0,063	FALSE
0,113	0,295	0,004	0,009	0,184	FALSE
0,025	0,306	0,001	0,011	0,022	FALSE
0,120	0,292	0,004	0,008	0,196	FALSE
-0,023	0,312	-0,001	0,012	0,020	FALSE
0,030	0,287	0,001	0,011	0,026	FALSE
-0,034	0,307	-0,001	0,006	0,051	FALSE
0,105	0,302	0,003	0,010	0,122	FALSE
0,032	0,306	0,000	0,010	0,008	FALSE
-0,030	0,288	-0,001	0,007	0,047	FALSE
0,057	0,308	0,002	0,009	0,064	FALSE
0,031	0,313	0,002	0,010	0,069	FALSE
0,078	0,309	0,002	0,008	0,085	FALSE
0,080	0,295	0,003	0,011	0,100	FALSE
0,020	0,299	0,002	0,012	0,056	FALSE
0,040	0,306	0,001	0,008	0,034	FALSE
-0,025	0,307	-0,001	0,010	0,040	FALSE
0,013	0,312	0,000	0,012	0,010	FALSE
-0,061	0,307	-0,002	0,007	0,105	FALSE
-0,107	0,301	-0,004	0,012	0,121	FALSE
-0,108	0,300	-0,003	0,008	0,123	FALSE
0,035	0,300	0,001	0,007	0,064	FALSE
0,045	0,314	0,002	0,012	0,064	FALSE
-0,125	0,309	-0,005	0,013	0,152	FALSE
0,092	0,300	0,002	0,007	0,125	FALSE
0,131	0,312	0,004	0,008	0,204	FALSE
0,119	0,312	0,004	0,008	0,198	FALSE
0,074	0,303	0,002	0,007	0,094	FALSE
-0,115	0,312	-0,003	0,007	0,149	FALSE
0,070	0,314	0,003	0,013	0,095	FALSE
-0,025	0,295	-0,001	0,012	0,016	FALSE
0,031	0,304	0,001	0,009	0,046	FALSE
0,028	0,302	0,001	0,012	0,041	FALSE
-0,113	0,304	-0,003	0,007	0,150	FALSE
0,021	0,308	0,001	0,008	0,066	FALSE
-0,018	0,307	0,000	0,007	0,002	FALSE

0,052	0,312	0,001	0,007	0,068	FALSE
0,132	0,315	0,002	0,006	0,152	FALSE
0,059	0,303	0,003	0,012	0,079	FALSE
-0,168	0,301	-0,005	0,009	0,260	FALSE
-0,038	0,293	-0,002	0,012	0,057	FALSE
0,080	0,307	0,004	0,013	0,113	FALSE
-0,015	0,313	0,000	0,009	0,019	FALSE
-0,045	0,304	-0,001	0,007	0,081	FALSE
-0,062	0,304	-0,002	0,010	0,094	FALSE
0,066	0,306	0,002	0,008	0,081	FALSE
-0,062	0,299	-0,002	0,009	0,106	FALSE
0,111	0,296	0,004	0,012	0,145	FALSE
0,036	0,290	0,001	0,011	0,019	FALSE
0,064	0,300	0,002	0,008	0,106	FALSE
0,029	0,307	0,000	0,007	0,016	FALSE
-0,030	0,291	-0,001	0,008	0,052	FALSE
0,037	0,305	0,002	0,010	0,066	FALSE
-0,059	0,319	-0,002	0,008	0,069	FALSE
-0,021	0,319	-0,002	0,012	0,046	FALSE
0,113	0,300	0,003	0,006	0,171	FALSE
0,051	0,322	0,001	0,007	0,062	FALSE
-0,032	0,313	-0,001	0,010	0,025	FALSE
-0,026	0,312	-0,001	0,010	0,021	FALSE
-0,019	0,309	-0,001	0,010	0,031	FALSE
-0,038	0,314	-0,001	0,008	0,059	FALSE
0,047	0,317	0,001	0,007	0,066	FALSE
0,017	0,307	0,000	0,007	0,010	FALSE
-0,010	0,297	-0,001	0,012	0,036	FALSE
0,049	0,315	0,001	0,007	0,063	FALSE
0,071	0,300	0,002	0,007	0,095	FALSE
0,127	0,315	0,003	0,008	0,157	FALSE
0,115	0,303	0,004	0,012	0,128	FALSE
-0,035	0,302	-0,001	0,006	0,032	FALSE
-0,145	0,294	-0,004	0,008	0,222	FALSE
0,145	0,308	0,003	0,007	0,204	FALSE
-0,051	0,315	-0,001	0,007	0,041	FALSE
-0,019	0,310	0,000	0,012	0,012	FALSE
-0,011	0,324	-0,001	0,007	0,028	FALSE
-0,095	0,315	-0,002	0,007	0,109	FALSE
-0,125	0,308	-0,003	0,007	0,164	FALSE
-0,131	0,303	-0,002	0,007	0,150	FALSE
0,048	0,303	0,001	0,007	0,053	FALSE
0,112	0,312	0,002	0,006	0,112	FALSE
-0,114	0,307	-0,003	0,007	0,159	FALSE
-0,065	0,316	-0,003	0,013	0,090	FALSE
-0,122	0,312	-0,003	0,008	0,160	FALSE
0,133	0,312	0,005	0,010	0,191	FALSE
-0,038	0,305	-0,001	0,010	0,038	FALSE
-0,159	0,287	-0,006	0,009	0,287	FALSE
0,070	0,288	0,001	0,006	0,074	FALSE
-0,025	0,296	-0,001	0,007	0,048	FALSE
0,045	0,304	0,001	0,007	0,059	FALSE
0,020	0,307	0,001	0,008	0,025	FALSE

-0,010	0,301	0,000	0,009	0,006	FALSE
-0,118	0,318	-0,005	0,010	0,187	FALSE
0,031	0,313	0,001	0,008	0,022	FALSE
0,102	0,306	0,002	0,007	0,108	FALSE
-0,065	0,307	-0,002	0,010	0,086	FALSE
-0,171	0,300	-0,008	0,012	0,273	FALSE
0,014	0,313	0,000	0,008	0,018	FALSE
0,022	0,307	0,001	0,007	0,040	FALSE
-0,015	0,312	0,000	0,010	0,012	FALSE
-0,043	0,304	-0,001	0,007	0,039	FALSE
-0,044	0,315	-0,001	0,011	0,052	FALSE
-0,005	0,316	0,000	0,008	0,016	FALSE
-0,056	0,317	-0,001	0,006	0,037	FALSE
0,152	0,297	0,005	0,012	0,162	FALSE
-0,120	0,299	-0,003	0,008	0,151	FALSE
-0,120	0,309	-0,002	0,006	0,155	FALSE
-0,082	0,296	-0,003	0,008	0,141	FALSE
-0,043	0,307	-0,001	0,006	0,053	FALSE
-0,012	0,322	-0,001	0,010	0,039	FALSE
-0,055	0,310	-0,001	0,007	0,040	FALSE
-0,098	0,308	-0,003	0,010	0,121	FALSE
0,076	0,323	0,003	0,013	0,092	FALSE
0,029	0,299	0,001	0,007	0,047	FALSE
-0,094	0,311	-0,004	0,012	0,133	FALSE
-0,073	0,298	-0,004	0,012	0,122	FALSE
-0,104	0,309	-0,002	0,006	0,146	FALSE
-0,011	0,301	-0,001	0,010	0,026	FALSE
0,157	0,310	0,005	0,009	0,242	FALSE
0,015	0,319	0,001	0,008	0,037	FALSE
0,016	0,324	0,000	0,013	0,008	FALSE
0,066	0,300	0,001	0,007	0,064	FALSE
-0,015	0,306	0,000	0,006	0,007	FALSE
0,193	0,300	0,008	0,012	0,277	FALSE
0,147	0,299	0,005	0,011	0,194	FALSE
-0,001	0,311	0,000	0,007	0,005	FALSE
0,045	0,309	0,002	0,012	0,054	FALSE
0,065	0,314	0,001	0,007	0,045	FALSE
0,038	0,308	0,001	0,012	0,023	FALSE
0,055	0,305	0,002	0,007	0,097	FALSE
0,060	0,311	0,002	0,008	0,111	FALSE
0,029	0,309	0,001	0,012	0,016	FALSE
0,021	0,314	0,001	0,012	0,035	FALSE
-0,096	0,312	-0,001	0,007	0,084	FALSE
-0,047	0,327	-0,002	0,010	0,083	FALSE
-0,082	0,311	-0,002	0,006	0,110	FALSE
0,004	0,289	0,000	0,012	0,008	FALSE
0,029	0,318	0,001	0,012	0,029	FALSE
-0,077	0,311	-0,002	0,009	0,099	FALSE
0,106	0,311	0,004	0,011	0,150	FALSE
0,075	0,308	0,003	0,013	0,081	FALSE
-0,004	0,312	-0,001	0,008	0,030	FALSE
-0,058	0,309	-0,001	0,008	0,062	FALSE
-0,056	0,311	-0,002	0,012	0,057	FALSE

-0,079	0,297	-0,001	0,006	0,067	FALSE
0,105	0,294	0,005	0,011	0,188	FALSE
0,125	0,299	0,006	0,013	0,198	FALSE
0,001	0,303	0,000	0,010	0,007	FALSE
-0,032	0,314	-0,001	0,012	0,036	FALSE
-0,031	0,302	-0,001	0,007	0,045	FALSE
0,036	0,308	0,002	0,012	0,049	FALSE
0,021	0,312	0,001	0,012	0,021	FALSE
-0,024	0,311	-0,001	0,013	0,023	FALSE
-0,063	0,318	-0,002	0,012	0,065	FALSE
0,027	0,303	0,002	0,010	0,057	FALSE
0,018	0,303	0,002	0,010	0,053	FALSE
-0,027	0,315	0,000	0,008	0,004	FALSE
0,076	0,309	0,001	0,007	0,085	FALSE
-0,052	0,298	-0,001	0,010	0,050	FALSE
0,083	0,309	0,002	0,007	0,137	FALSE
0,036	0,303	0,001	0,008	0,035	FALSE
-0,028	0,316	-0,001	0,012	0,026	FALSE
0,053	0,318	0,002	0,009	0,100	FALSE
0,068	0,301	0,003	0,008	0,118	FALSE
-0,064	0,291	-0,003	0,012	0,095	FALSE
-0,101	0,309	-0,004	0,011	0,156	FALSE
-0,081	0,309	-0,002	0,008	0,088	FALSE
-0,163	0,313	-0,006	0,012	0,220	FALSE
-0,038	0,312	-0,001	0,009	0,045	FALSE
0,001	0,308	0,000	0,007	0,011	FALSE
-0,132	0,297	-0,003	0,008	0,151	FALSE
0,012	0,313	0,001	0,012	0,016	FALSE
0,058	0,292	0,002	0,013	0,065	FALSE
0,010	0,321	0,000	0,009	0,001	FALSE
0,007	0,305	0,001	0,006	0,028	FALSE
0,018	0,310	0,001	0,012	0,045	FALSE
0,009	0,300	0,001	0,011	0,036	FALSE
0,181	0,288	0,006	0,011	0,256	FALSE
-0,114	0,313	-0,002	0,006	0,140	FALSE
-0,022	0,329	0,000	0,013	0,005	FALSE
0,059	0,305	0,002	0,010	0,076	FALSE
-0,033	0,298	-0,001	0,008	0,038	FALSE
0,063	0,314	0,002	0,008	0,078	FALSE
-0,061	0,301	-0,002	0,011	0,086	FALSE
-0,014	0,313	0,000	0,010	0,010	FALSE
0,081	0,298	0,003	0,008	0,148	FALSE
0,002	0,307	0,000	0,007	0,006	FALSE
-0,045	0,303	-0,001	0,009	0,049	FALSE
0,029	0,298	0,001	0,010	0,027	FALSE
-0,146	0,311	-0,006	0,010	0,227	FALSE
-0,021	0,319	-0,001	0,009	0,021	FALSE
0,056	0,322	0,001	0,008	0,058	FALSE
-0,036	0,311	-0,001	0,013	0,028	FALSE
-0,072	0,305	-0,003	0,013	0,088	FALSE
0,065	0,298	0,002	0,008	0,095	FALSE
-0,115	0,305	-0,005	0,012	0,163	FALSE
-0,024	0,308	0,000	0,007	0,018	FALSE

-0,071	0,312	-0,002	0,007	0,088	FALSE
-0,045	0,302	-0,001	0,008	0,054	FALSE
-0,016	0,307	0,000	0,007	0,025	FALSE
0,008	0,322	0,000	0,013	0,013	FALSE
0,005	0,322	0,000	0,012	0,008	FALSE
-0,025	0,313	-0,001	0,008	0,025	FALSE
-0,019	0,305	-0,002	0,012	0,054	FALSE
-0,091	0,307	-0,003	0,010	0,135	FALSE
-0,017	0,314	-0,001	0,007	0,028	FALSE
-0,054	0,301	-0,001	0,011	0,046	FALSE
0,009	0,317	0,000	0,008	0,019	FALSE
0,112	0,302	0,004	0,012	0,138	FALSE
0,002	0,305	0,000	0,010	0,016	FALSE
0,038	0,308	0,002	0,012	0,055	FALSE
0,052	0,283	0,001	0,006	0,057	FALSE
-0,042	0,306	-0,002	0,012	0,047	FALSE
0,062	0,308	0,002	0,012	0,066	FALSE
0,078	0,301	0,002	0,009	0,082	FALSE
-0,010	0,301	0,000	0,006	0,008	FALSE
-0,075	0,311	-0,003	0,011	0,085	FALSE
0,045	0,307	0,001	0,007	0,070	FALSE
0,000	0,307	0,000	0,006	0,015	FALSE
0,101	0,305	0,003	0,012	0,097	FALSE
-0,072	0,311	-0,002	0,008	0,092	FALSE
0,111	0,299	0,004	0,008	0,184	FALSE
0,006	0,309	0,000	0,007	0,007	FALSE
0,022	0,322	0,001	0,012	0,032	FALSE
-0,018	0,304	-0,001	0,009	0,035	FALSE
0,061	0,310	0,003	0,012	0,102	FALSE
0,119	0,307	0,006	0,013	0,203	FALSE
-0,038	0,294	-0,001	0,010	0,035	FALSE
0,106	0,299	0,005	0,013	0,143	FALSE
0,043	0,300	0,002	0,009	0,071	FALSE
0,066	0,317	0,002	0,011	0,070	FALSE
-0,059	0,307	-0,002	0,009	0,092	FALSE
-0,020	0,298	-0,001	0,010	0,031	FALSE
-0,211	0,285	-0,007	0,010	0,346	FALSE
-0,029	0,311	-0,001	0,013	0,027	FALSE
0,207	0,301	0,005	0,007	0,311	FALSE
-0,051	0,297	-0,002	0,006	0,089	FALSE
0,038	0,301	0,002	0,008	0,079	FALSE
0,005	0,299	-0,001	0,012	0,023	FALSE
0,028	0,300	0,000	0,006	0,008	FALSE
-0,075	0,310	-0,002	0,008	0,070	FALSE
0,035	0,290	0,001	0,006	0,058	FALSE
-0,100	0,307	-0,003	0,012	0,093	FALSE
0,067	0,297	0,002	0,009	0,085	FALSE
-0,041	0,319	-0,001	0,007	0,046	FALSE
-0,136	0,314	-0,003	0,007	0,156	FALSE
-0,029	0,310	0,000	0,012	0,007	FALSE
0,032	0,308	0,002	0,012	0,069	FALSE
0,004	0,326	0,000	0,012	0,009	FALSE
0,115	0,308	0,003	0,008	0,147	FALSE

-0,013	0,297	0,000	0,012	0,009	FALSE
0,012	0,316	0,000	0,008	0,017	FALSE
0,002	0,307	0,000	0,008	0,015	FALSE
0,013	0,311	0,000	0,009	0,016	FALSE
0,038	0,313	0,001	0,012	0,045	FALSE
-0,037	0,303	-0,001	0,007	0,047	FALSE
-0,025	0,312	-0,002	0,012	0,045	FALSE
-0,061	0,312	-0,001	0,007	0,052	FALSE
-0,025	0,310	0,000	0,011	0,013	FALSE
-0,081	0,309	-0,002	0,008	0,098	FALSE
0,032	0,294	0,001	0,010	0,037	FALSE
0,008	0,307	0,000	0,009	0,001	FALSE
-0,068	0,315	-0,001	0,007	0,064	FALSE
0,024	0,299	0,001	0,013	0,038	FALSE
0,030	0,300	0,001	0,012	0,043	FALSE
-0,119	0,318	-0,004	0,012	0,149	FALSE
0,103	0,276	0,003	0,007	0,139	FALSE
0,169	0,291	0,006	0,010	0,241	FALSE
0,123	0,308	0,004	0,008	0,201	FALSE
0,132	0,302	0,004	0,007	0,236	FALSE
-0,017	0,316	-0,001	0,010	0,052	FALSE
-0,091	0,294	-0,002	0,008	0,103	FALSE
-0,054	0,305	-0,001	0,007	0,056	FALSE
0,028	0,301	0,001	0,007	0,058	FALSE
0,039	0,308	0,001	0,007	0,072	FALSE
0,108	0,301	0,003	0,008	0,170	FALSE
0,002	0,320	0,000	0,011	0,008	FALSE
-0,083	0,301	-0,002	0,008	0,077	FALSE
-0,100	0,302	-0,002	0,009	0,096	FALSE
0,044	0,308	0,001	0,010	0,030	FALSE
-0,009	0,311	0,000	0,009	0,007	FALSE
-0,024	0,320	0,000	0,008	0,008	FALSE
0,197	0,304	0,004	0,007	0,272	FALSE
0,057	0,302	0,002	0,010	0,060	FALSE
-0,110	0,309	-0,004	0,011	0,142	FALSE
-0,052	0,328	-0,002	0,008	0,073	FALSE
-0,042	0,316	-0,002	0,012	0,048	FALSE
0,120	0,284	0,004	0,009	0,196	FALSE
0,111	0,293	0,004	0,009	0,183	FALSE
-0,044	0,311	-0,002	0,012	0,062	FALSE
-0,041	0,312	-0,001	0,007	0,048	FALSE
-0,026	0,310	-0,001	0,010	0,025	FALSE
-0,049	0,302	-0,002	0,010	0,066	FALSE
-0,051	0,317	-0,002	0,010	0,073	FALSE
0,067	0,313	0,003	0,012	0,101	FALSE
0,016	0,309	0,001	0,010	0,034	FALSE
0,022	0,323	0,001	0,011	0,030	FALSE
0,046	0,313	0,003	0,012	0,083	FALSE
0,101	0,300	0,003	0,008	0,137	FALSE
-0,100	0,304	-0,004	0,012	0,132	FALSE
0,014	0,306	0,000	0,007	0,009	FALSE
0,086	0,301	0,002	0,007	0,111	FALSE
-0,133	0,309	-0,004	0,013	0,138	FALSE

-0,022	0,303	-0,001	0,007	0,047	FALSE
-0,029	0,302	-0,001	0,012	0,040	FALSE
0,042	0,301	0,002	0,009	0,080	FALSE
0,068	0,297	0,002	0,008	0,076	FALSE
0,084	0,307	0,003	0,008	0,127	FALSE
0,024	0,310	0,001	0,007	0,055	FALSE
0,036	0,310	0,001	0,013	0,033	FALSE
0,006	0,305	-0,001	0,011	0,021	FALSE
-0,042	0,310	-0,001	0,008	0,058	FALSE
0,061	0,296	0,003	0,011	0,101	FALSE
0,103	0,295	0,004	0,012	0,116	FALSE
0,041	0,310	0,001	0,006	0,034	FALSE
0,013	0,301	0,002	0,013	0,047	FALSE
-0,015	0,306	-0,001	0,007	0,043	FALSE
0,012	0,322	0,000	0,012	0,005	FALSE
0,047	0,307	0,001	0,008	0,056	FALSE
-0,053	0,297	-0,001	0,007	0,084	FALSE
-0,069	0,324	-0,002	0,007	0,082	FALSE
0,130	0,315	0,002	0,007	0,131	FALSE
-0,017	0,301	-0,001	0,009	0,039	FALSE
-0,024	0,300	-0,001	0,008	0,030	FALSE
0,014	0,307	0,001	0,008	0,029	FALSE
0,042	0,307	0,001	0,007	0,054	FALSE
0,065	0,300	0,002	0,007	0,108	FALSE
0,062	0,301	0,003	0,011	0,100	FALSE
0,016	0,310	0,001	0,008	0,029	FALSE
0,040	0,303	0,001	0,007	0,058	FALSE
0,083	0,306	0,002	0,008	0,100	FALSE
-0,010	0,298	-0,001	0,008	0,023	FALSE
0,053	0,309	0,002	0,012	0,056	FALSE
0,020	0,295	0,001	0,009	0,039	FALSE
-0,091	0,319	-0,002	0,006	0,142	FALSE
-0,082	0,302	-0,001	0,006	0,082	FALSE
-0,104	0,318	-0,004	0,013	0,134	FALSE
0,096	0,302	0,002	0,007	0,105	FALSE
0,074	0,305	0,002	0,009	0,103	FALSE
0,080	0,309	0,004	0,012	0,113	FALSE
0,078	0,299	0,003	0,009	0,151	FALSE
-0,155	0,299	-0,007	0,012	0,274	FALSE
0,073	0,308	0,002	0,008	0,091	FALSE
-0,047	0,300	-0,001	0,009	0,043	FALSE
-0,042	0,307	-0,001	0,013	0,024	FALSE
-0,054	0,307	-0,001	0,009	0,061	FALSE
0,024	0,301	0,001	0,006	0,043	FALSE
0,010	0,293	0,000	0,010	0,012	FALSE
0,198	0,304	0,004	0,007	0,274	FALSE
0,156	0,302	0,003	0,007	0,223	FALSE
0,172	0,300	0,004	0,007	0,244	FALSE
0,058	0,308	0,001	0,009	0,054	FALSE
0,092	0,302	0,004	0,012	0,147	FALSE
-0,168	0,299	-0,007	0,013	0,227	FALSE
0,055	0,303	0,000	0,008	0,013	FALSE
0,085	0,302	0,002	0,009	0,088	FALSE

0,034	0,308	0,002	0,012	0,065	FALSE
-0,045	0,302	-0,001	0,006	0,057	FALSE
-0,021	0,310	0,000	0,008	0,010	FALSE
0,005	0,317	0,000	0,007	0,026	FALSE
-0,033	0,319	-0,001	0,007	0,030	FALSE
-0,018	0,300	-0,002	0,012	0,056	FALSE
-0,197	0,309	-0,005	0,009	0,269	FALSE
-0,061	0,313	-0,002	0,012	0,073	FALSE
-0,033	0,306	0,000	0,007	0,023	FALSE
-0,121	0,290	-0,003	0,010	0,135	FALSE
-0,190	0,302	-0,008	0,012	0,267	FALSE
0,058	0,300	0,001	0,010	0,038	FALSE
0,071	0,301	0,001	0,010	0,037	FALSE
-0,004	0,321	0,000	0,007	0,002	FALSE
0,181	0,295	0,007	0,010	0,316	FALSE
-0,008	0,309	0,000	0,009	0,003	FALSE
0,140	0,308	0,005	0,012	0,185	FALSE
-0,111	0,317	-0,002	0,007	0,133	FALSE
0,140	0,299	0,003	0,006	0,175	FALSE
0,002	0,318	0,000	0,008	0,018	FALSE
-0,170	0,306	-0,004	0,007	0,239	FALSE
0,124	0,300	0,003	0,008	0,142	FALSE
0,104	0,308	0,002	0,007	0,133	FALSE
0,000	0,303	0,000	0,012	0,007	FALSE
-0,081	0,300	-0,003	0,010	0,121	FALSE
-0,058	0,312	-0,002	0,012	0,076	FALSE
-0,016	0,306	-0,001	0,010	0,029	FALSE
0,101	0,296	0,003	0,010	0,132	FALSE
-0,001	0,302	0,001	0,012	0,030	FALSE
-0,030	0,320	-0,001	0,007	0,055	FALSE
-0,058	0,306	-0,001	0,009	0,047	FALSE
0,007	0,302	0,001	0,010	0,026	FALSE
-0,032	0,312	0,000	0,011	0,001	FALSE
-0,115	0,310	-0,002	0,007	0,135	FALSE
-0,001	0,307	0,001	0,012	0,023	FALSE
-0,020	0,301	0,000	0,008	0,008	FALSE
-0,069	0,312	-0,002	0,009	0,090	FALSE
-0,037	0,299	-0,001	0,006	0,058	FALSE
0,121	0,306	0,003	0,008	0,153	FALSE
-0,018	0,319	-0,001	0,013	0,026	FALSE
-0,156	0,299	-0,007	0,011	0,269	FALSE
-0,037	0,303	-0,002	0,009	0,077	FALSE
-0,104	0,314	-0,003	0,008	0,161	FALSE
-0,008	0,306	0,000	0,012	0,011	FALSE
-0,011	0,307	-0,001	0,010	0,020	FALSE
-0,111	0,311	-0,003	0,008	0,143	FALSE
0,016	0,314	0,000	0,007	0,001	FALSE
0,057	0,302	0,002	0,008	0,109	FALSE
-0,070	0,297	-0,001	0,006	0,058	FALSE
-0,037	0,300	-0,002	0,012	0,061	FALSE
-0,075	0,313	-0,003	0,012	0,091	FALSE
-0,051	0,304	-0,002	0,013	0,059	FALSE
0,034	0,302	0,002	0,010	0,065	FALSE

0,002	0,292	0,000	0,012	0,014	FALSE
0,062	0,307	0,002	0,011	0,076	FALSE
0,004	0,301	0,000	0,012	0,002	FALSE
-0,038	0,315	-0,001	0,007	0,055	FALSE
-0,030	0,311	-0,001	0,008	0,055	FALSE
-0,017	0,298	-0,001	0,011	0,028	FALSE
0,105	0,315	0,002	0,007	0,127	FALSE
0,060	0,307	0,001	0,008	0,043	FALSE
-0,088	0,312	-0,003	0,010	0,102	FALSE
-0,033	0,304	0,000	0,008	0,020	FALSE
0,091	0,310	0,003	0,009	0,105	FALSE
0,004	0,303	0,000	0,008	0,009	FALSE
0,087	0,307	0,003	0,012	0,107	FALSE
0,079	0,303	0,002	0,006	0,114	FALSE
0,079	0,315	0,002	0,007	0,093	FALSE
0,052	0,311	0,001	0,007	0,052	FALSE
0,086	0,315	0,004	0,011	0,124	FALSE
0,013	0,303	0,000	0,006	0,022	FALSE
-0,068	0,311	-0,004	0,011	0,123	FALSE
-0,094	0,313	-0,003	0,009	0,147	FALSE
0,024	0,297	0,001	0,012	0,038	FALSE
-0,048	0,309	-0,001	0,006	0,032	FALSE
-0,066	0,295	-0,001	0,006	0,065	FALSE
0,005	0,310	0,000	0,012	0,002	FALSE
-0,054	0,303	-0,001	0,006	0,031	FALSE
-0,024	0,310	-0,001	0,009	0,024	FALSE
-0,039	0,303	-0,001	0,012	0,016	FALSE
-0,106	0,306	-0,003	0,008	0,151	FALSE
0,030	0,306	0,001	0,013	0,019	FALSE
0,133	0,300	0,005	0,010	0,218	FALSE
0,114	0,281	0,002	0,006	0,151	FALSE
0,098	0,305	0,001	0,006	0,086	FALSE
-0,095	0,312	-0,002	0,007	0,145	FALSE
-0,172	0,294	-0,007	0,011	0,259	FALSE
0,219	0,292	0,008	0,011	0,320	FALSE
0,057	0,320	0,001	0,007	0,042	FALSE
-0,111	0,298	-0,004	0,011	0,131	FALSE
0,003	0,307	0,000	0,008	0,009	FALSE
0,008	0,311	0,000	0,006	0,010	FALSE
-0,078	0,312	-0,002	0,010	0,093	FALSE
0,092	0,304	0,004	0,011	0,130	FALSE
-0,004	0,308	-0,001	0,013	0,031	FALSE
0,016	0,314	0,000	0,007	0,020	FALSE
-0,016	0,308	0,000	0,007	0,021	FALSE
0,075	0,297	0,002	0,007	0,139	FALSE
0,114	0,300	0,003	0,007	0,189	FALSE
-0,012	0,320	0,000	0,013	0,003	FALSE
-0,039	0,294	-0,002	0,011	0,049	FALSE
0,087	0,304	0,002	0,006	0,108	FALSE
-0,041	0,309	-0,001	0,010	0,035	FALSE
0,009	0,301	0,001	0,008	0,028	FALSE
0,018	0,317	0,000	0,006	0,022	FALSE
-0,156	0,312	-0,005	0,012	0,186	FALSE

0,000	0,311	0,001	0,007	0,035	FALSE
0,031	0,305	0,002	0,010	0,070	FALSE
0,021	0,322	0,000	0,013	0,003	FALSE
-0,139	0,313	-0,004	0,008	0,227	FALSE
0,010	0,304	0,000	0,007	0,014	FALSE
-0,108	0,306	-0,003	0,007	0,177	FALSE
-0,122	0,290	-0,006	0,012	0,201	FALSE
-0,087	0,300	-0,003	0,007	0,138	FALSE
-0,093	0,306	-0,003	0,008	0,164	FALSE
0,059	0,302	0,001	0,010	0,054	FALSE
-0,006	0,297	0,000	0,009	0,001	FALSE
-0,082	0,310	-0,004	0,011	0,123	FALSE
0,183	0,285	0,006	0,010	0,273	FALSE
-0,056	0,304	-0,001	0,006	0,056	FALSE
-0,056	0,317	-0,002	0,008	0,072	FALSE
-0,023	0,300	0,000	0,011	0,001	FALSE
-0,139	0,303	-0,006	0,011	0,216	FALSE
-0,065	0,309	-0,003	0,009	0,104	FALSE
0,077	0,313	0,003	0,011	0,091	FALSE
0,153	0,311	0,004	0,008	0,219	FALSE
0,002	0,288	0,000	0,006	0,009	FALSE
0,172	0,294	0,005	0,008	0,314	FALSE
-0,109	0,310	-0,003	0,007	0,136	FALSE
-0,024	0,300	-0,001	0,006	0,039	FALSE
-0,028	0,293	0,000	0,007	0,017	FALSE
0,072	0,301	0,002	0,009	0,083	FALSE
-0,034	0,308	-0,001	0,006	0,031	FALSE
0,067	0,307	0,001	0,007	0,079	FALSE
0,106	0,314	0,002	0,007	0,129	FALSE
-0,034	0,302	-0,001	0,009	0,032	FALSE
-0,049	0,307	-0,003	0,012	0,081	FALSE
0,005	0,319	0,000	0,011	0,000	FALSE
-0,084	0,309	-0,001	0,007	0,072	FALSE
-0,007	0,317	0,000	0,010	0,007	FALSE
-0,147	0,309	-0,004	0,008	0,181	FALSE
0,030	0,306	0,001	0,009	0,057	FALSE
0,051	0,312	0,002	0,011	0,074	FALSE
0,071	0,312	0,002	0,013	0,071	FALSE
-0,057	0,290	-0,003	0,011	0,110	FALSE
0,061	0,302	0,002	0,012	0,080	FALSE
-0,017	0,309	-0,001	0,011	0,045	FALSE
0,041	0,304	0,002	0,008	0,078	FALSE
0,014	0,332	0,002	0,013	0,042	FALSE
0,085	0,310	0,003	0,013	0,087	FALSE
0,121	0,301	0,003	0,007	0,191	FALSE
-0,105	0,302	-0,003	0,007	0,143	FALSE
-0,144	0,308	-0,003	0,007	0,143	FALSE
-0,059	0,302	-0,002	0,008	0,091	FALSE
-0,135	0,292	-0,002	0,007	0,125	FALSE
-0,019	0,310	-0,001	0,009	0,022	FALSE
0,063	0,307	0,002	0,013	0,061	FALSE
0,053	0,314	0,002	0,013	0,052	FALSE
-0,056	0,312	-0,002	0,013	0,055	FALSE

0,089	0,308	0,004	0,013	0,116	FALSE
-0,043	0,310	-0,002	0,010	0,076	FALSE
-0,164	0,295	-0,008	0,013	0,292	FALSE
0,025	0,306	0,001	0,006	0,041	FALSE
0,015	0,300	0,000	0,010	0,006	FALSE
0,022	0,310	0,000	0,010	0,004	FALSE
-0,061	0,300	-0,003	0,011	0,114	FALSE
0,007	0,315	0,000	0,010	0,001	FALSE
0,019	0,299	0,001	0,008	0,065	FALSE
-0,039	0,325	-0,002	0,011	0,063	FALSE
-0,001	0,314	0,001	0,011	0,025	FALSE
-0,047	0,286	-0,002	0,009	0,071	FALSE
0,061	0,294	0,002	0,009	0,081	FALSE
0,020	0,308	0,002	0,010	0,073	FALSE
0,044	0,304	0,001	0,007	0,048	FALSE
0,076	0,303	0,002	0,008	0,099	FALSE
-0,145	0,297	-0,003	0,007	0,197	FALSE
-0,166	0,290	-0,004	0,007	0,232	FALSE
0,072	0,305	0,001	0,007	0,074	FALSE
0,089	0,292	0,003	0,011	0,110	FALSE
0,080	0,301	0,003	0,012	0,084	FALSE
-0,018	0,301	0,000	0,007	0,015	FALSE
-0,165	0,301	-0,005	0,008	0,234	FALSE
-0,132	0,294	-0,004	0,011	0,156	FALSE
-0,056	0,309	-0,001	0,009	0,048	FALSE
0,081	0,283	0,002	0,006	0,122	FALSE
0,007	0,310	0,001	0,008	0,045	FALSE
0,040	0,316	0,001	0,008	0,026	FALSE
0,035	0,325	0,001	0,012	0,037	FALSE
-0,016	0,317	0,000	0,009	0,014	FALSE
0,009	0,310	0,001	0,008	0,053	FALSE
-0,127	0,315	-0,005	0,011	0,188	FALSE
-0,118	0,303	-0,004	0,010	0,175	FALSE
0,027	0,306	0,000	0,007	0,010	FALSE
-0,040	0,300	0,000	0,007	0,013	FALSE
-0,107	0,310	-0,002	0,006	0,129	FALSE
-0,059	0,311	-0,001	0,007	0,056	FALSE
-0,114	0,283	-0,003	0,009	0,138	FALSE
0,076	0,325	0,002	0,012	0,077	FALSE
-0,062	0,305	-0,001	0,007	0,042	FALSE
-0,078	0,310	-0,004	0,011	0,123	FALSE
0,054	0,310	0,002	0,013	0,062	FALSE
0,069	0,311	0,002	0,012	0,059	FALSE
0,084	0,289	0,002	0,006	0,124	FALSE
-0,002	0,329	0,000	0,012	0,006	FALSE
0,029	0,312	0,002	0,010	0,066	FALSE
0,015	0,299	0,001	0,009	0,022	FALSE
0,079	0,309	0,003	0,011	0,117	FALSE
0,042	0,299	0,001	0,007	0,051	FALSE
0,072	0,310	0,002	0,008	0,081	FALSE
-0,093	0,295	-0,003	0,010	0,129	FALSE
-0,033	0,314	-0,001	0,011	0,045	FALSE
-0,038	0,315	-0,001	0,010	0,026	FALSE

-0,025	0,306	-0,001	0,010	0,024	FALSE
0,038	0,306	0,002	0,013	0,063	FALSE
0,038	0,311	0,001	0,007	0,059	FALSE
-0,034	0,307	0,000	0,011	0,012	FALSE
-0,046	0,299	-0,001	0,010	0,025	FALSE
-0,004	0,304	0,000	0,008	0,014	FALSE
-0,030	0,294	0,000	0,008	0,011	FALSE
-0,030	0,309	-0,001	0,008	0,022	FALSE
0,018	0,319	0,001	0,012	0,039	FALSE
-0,002	0,312	0,000	0,008	0,012	FALSE
0,037	0,310	0,001	0,008	0,056	FALSE
-0,107	0,308	-0,003	0,011	0,116	FALSE
-0,054	0,300	-0,002	0,012	0,073	FALSE
-0,085	0,299	-0,004	0,012	0,140	FALSE
-0,006	0,313	-0,001	0,007	0,031	FALSE
0,006	0,297	0,000	0,012	0,000	FALSE
-0,068	0,310	-0,002	0,008	0,079	FALSE
-0,029	0,320	-0,001	0,012	0,032	FALSE
-0,043	0,292	-0,001	0,007	0,044	FALSE
-0,076	0,306	-0,002	0,008	0,076	FALSE
0,083	0,309	0,002	0,007	0,126	FALSE
0,002	0,311	0,001	0,008	0,038	FALSE
-0,048	0,315	-0,002	0,012	0,069	FALSE
-0,052	0,318	-0,001	0,012	0,047	FALSE
-0,048	0,306	-0,001	0,007	0,061	FALSE
0,243	0,288	0,009	0,011	0,400	FALSE
0,159	0,288	0,006	0,011	0,229	FALSE
-0,024	0,330	-0,001	0,009	0,051	FALSE
0,080	0,315	0,001	0,007	0,068	FALSE
-0,023	0,300	0,000	0,009	0,015	FALSE
0,047	0,312	0,003	0,012	0,097	FALSE
0,064	0,317	0,002	0,010	0,053	FALSE
-0,076	0,299	-0,003	0,012	0,097	FALSE
0,072	0,307	0,003	0,011	0,095	FALSE
0,130	0,308	0,002	0,007	0,141	FALSE
-0,048	0,307	-0,002	0,013	0,058	FALSE
-0,014	0,309	0,000	0,007	0,001	FALSE
0,050	0,309	0,002	0,013	0,065	FALSE
-0,167	0,306	-0,006	0,012	0,226	FALSE
0,007	0,305	0,001	0,012	0,018	FALSE
0,008	0,313	0,000	0,008	0,011	FALSE
0,099	0,311	0,004	0,012	0,143	FALSE
0,081	0,316	0,002	0,008	0,083	FALSE
-0,090	0,299	-0,004	0,012	0,151	FALSE
-0,138	0,309	-0,003	0,007	0,194	FALSE
0,085	0,299	0,003	0,011	0,110	FALSE
0,127	0,296	0,003	0,006	0,190	FALSE
0,174	0,296	0,005	0,007	0,288	FALSE
0,136	0,290	0,006	0,011	0,212	FALSE
0,117	0,280	0,005	0,011	0,168	FALSE
-0,010	0,318	0,000	0,012	0,007	FALSE
-0,049	0,308	-0,002	0,012	0,053	FALSE
-0,007	0,304	0,000	0,012	0,008	FALSE

0,036	0,311	0,002	0,013	0,043	FALSE
0,030	0,303	0,001	0,012	0,044	FALSE
-0,094	0,297	-0,002	0,007	0,124	FALSE
0,047	0,284	0,002	0,007	0,090	FALSE
0,023	0,301	0,000	0,012	0,006	FALSE
-0,104	0,312	-0,003	0,008	0,136	FALSE
-0,056	0,301	-0,002	0,012	0,046	FALSE
-0,061	0,301	-0,002	0,007	0,097	FALSE
-0,049	0,310	-0,002	0,010	0,082	FALSE
-0,067	0,321	-0,002	0,007	0,096	FALSE
-0,073	0,302	-0,002	0,007	0,111	FALSE
-0,048	0,316	-0,001	0,007	0,071	FALSE
0,144	0,305	0,003	0,007	0,195	FALSE
-0,040	0,320	-0,001	0,009	0,057	FALSE
0,084	0,307	0,003	0,013	0,075	FALSE
0,008	0,332	0,000	0,007	0,016	FALSE
0,039	0,303	0,001	0,009	0,042	FALSE
0,010	0,298	0,002	0,011	0,058	FALSE
-0,084	0,311	-0,003	0,009	0,116	FALSE
-0,102	0,297	-0,003	0,008	0,139	FALSE
0,090	0,314	0,002	0,007	0,102	FALSE
-0,040	0,313	-0,002	0,013	0,060	FALSE
-0,060	0,313	-0,003	0,012	0,099	FALSE
0,085	0,302	0,004	0,012	0,131	FALSE
-0,011	0,297	-0,001	0,010	0,046	FALSE
-0,027	0,292	0,000	0,006	0,002	FALSE
0,012	0,306	0,000	0,010	0,003	FALSE
0,010	0,305	0,000	0,010	0,013	FALSE
-0,133	0,298	-0,004	0,010	0,163	FALSE
-0,106	0,305	-0,003	0,010	0,123	FALSE
-0,140	0,297	-0,005	0,011	0,204	FALSE
0,077	0,300	0,002	0,012	0,056	FALSE
0,101	0,309	0,004	0,012	0,118	FALSE
-0,106	0,307	-0,002	0,008	0,117	FALSE
-0,087	0,307	-0,002	0,011	0,088	FALSE
-0,087	0,305	-0,002	0,007	0,117	FALSE
-0,066	0,302	-0,001	0,007	0,080	FALSE
0,042	0,312	0,001	0,008	0,043	FALSE
0,040	0,314	0,001	0,006	0,068	FALSE
-0,020	0,312	-0,001	0,007	0,046	FALSE
0,103	0,300	0,004	0,012	0,143	FALSE
0,120	0,292	0,005	0,012	0,174	FALSE
-0,006	0,317	-0,001	0,013	0,034	FALSE
0,031	0,305	0,001	0,012	0,043	FALSE
0,072	0,313	0,002	0,009	0,077	FALSE
0,104	0,299	0,004	0,012	0,148	FALSE
0,067	0,267	0,003	0,012	0,089	FALSE
0,077	0,293	0,004	0,013	0,109	FALSE
-0,089	0,307	-0,004	0,012	0,134	FALSE
-0,157	0,301	-0,007	0,012	0,253	FALSE
-0,106	0,296	-0,003	0,007	0,180	FALSE
-0,015	0,307	0,000	0,012	0,011	FALSE
-0,130	0,297	-0,003	0,007	0,209	FALSE

-0,020	0,308	-0,001	0,008	0,027	FALSE
-0,143	0,311	-0,005	0,012	0,178	FALSE
-0,013	0,299	0,000	0,007	0,019	FALSE
-0,030	0,298	-0,001	0,008	0,040	FALSE
-0,037	0,303	-0,001	0,007	0,045	FALSE
0,035	0,306	0,001	0,008	0,061	FALSE
-0,076	0,307	-0,002	0,010	0,080	FALSE
0,067	0,314	0,002	0,009	0,088	FALSE
0,097	0,303	0,003	0,009	0,134	FALSE
0,064	0,303	0,003	0,012	0,103	FALSE
0,117	0,315	0,005	0,012	0,168	FALSE
0,030	0,311	0,001	0,009	0,058	FALSE
0,041	0,309	0,001	0,009	0,063	FALSE
-0,068	0,317	-0,003	0,011	0,095	FALSE
-0,032	0,297	-0,001	0,009	0,058	FALSE
-0,114	0,300	-0,002	0,007	0,136	FALSE
-0,022	0,315	-0,001	0,008	0,042	FALSE
-0,006	0,285	-0,001	0,007	0,034	FALSE
0,085	0,305	0,002	0,009	0,084	FALSE
0,048	0,315	0,001	0,007	0,047	FALSE
0,096	0,326	0,003	0,013	0,106	FALSE
0,093	0,313	0,003	0,008	0,158	FALSE
0,023	0,315	0,001	0,011	0,024	FALSE
-0,123	0,317	-0,004	0,011	0,143	FALSE
-0,084	0,303	-0,002	0,010	0,092	FALSE
-0,026	0,306	-0,001	0,009	0,027	FALSE
0,028	0,299	0,002	0,012	0,046	FALSE
-0,025	0,295	-0,002	0,013	0,046	FALSE
0,007	0,300	0,000	0,008	0,012	FALSE
-0,004	0,299	0,000	0,009	0,015	FALSE
0,053	0,316	0,002	0,011	0,067	FALSE
0,000	0,300	-0,001	0,010	0,038	FALSE
0,043	0,298	0,001	0,008	0,049	FALSE
0,156	0,295	0,004	0,008	0,221	FALSE
-0,054	0,301	-0,002	0,010	0,068	FALSE
-0,039	0,298	-0,002	0,011	0,056	FALSE
0,120	0,308	0,005	0,012	0,166	FALSE
-0,096	0,308	-0,004	0,012	0,140	FALSE
0,014	0,319	0,000	0,007	0,013	FALSE
0,034	0,305	0,001	0,010	0,046	FALSE
0,031	0,306	0,001	0,010	0,026	FALSE
0,020	0,314	0,001	0,011	0,017	FALSE
0,029	0,315	0,001	0,008	0,051	FALSE
0,036	0,315	0,001	0,009	0,027	FALSE
-0,012	0,301	-0,001	0,011	0,019	FALSE
0,010	0,307	0,000	0,008	0,016	FALSE
0,004	0,311	0,002	0,012	0,047	FALSE
0,015	0,299	0,000	0,008	0,022	FALSE
0,056	0,306	0,002	0,009	0,092	FALSE
-0,072	0,326	-0,002	0,007	0,087	FALSE
0,076	0,311	0,002	0,009	0,089	FALSE
0,018	0,301	0,000	0,009	0,017	FALSE
-0,024	0,300	-0,001	0,007	0,030	FALSE

0,063	0,312	0,002	0,006	0,095	FALSE
0,053	0,304	0,002	0,007	0,091	FALSE
-0,091	0,295	-0,002	0,007	0,096	FALSE
0,017	0,306	0,000	0,012	0,012	FALSE
-0,002	0,322	-0,001	0,007	0,027	FALSE
0,011	0,318	0,001	0,007	0,041	FALSE
0,125	0,304	0,005	0,011	0,185	FALSE
0,010	0,303	0,000	0,012	0,006	FALSE
-0,003	0,301	0,000	0,011	0,001	FALSE
-0,080	0,310	-0,002	0,009	0,091	FALSE
-0,037	0,308	-0,001	0,007	0,058	FALSE
-0,020	0,296	0,000	0,007	0,003	FALSE
-0,003	0,314	0,000	0,008	0,019	FALSE
0,005	0,300	0,001	0,007	0,026	FALSE
-0,154	0,304	-0,004	0,008	0,207	FALSE
-0,026	0,299	-0,001	0,007	0,027	FALSE
-0,135	0,316	-0,004	0,011	0,155	FALSE
0,021	0,299	0,000	0,012	0,001	FALSE
0,053	0,315	0,002	0,012	0,057	FALSE
0,044	0,309	0,001	0,008	0,062	FALSE
-0,013	0,313	-0,001	0,009	0,033	FALSE
0,138	0,305	0,007	0,013	0,228	FALSE
-0,049	0,318	-0,002	0,008	0,102	FALSE
-0,022	0,321	-0,001	0,009	0,058	FALSE
-0,027	0,314	-0,001	0,007	0,030	FALSE
-0,026	0,275	0,000	0,011	0,000	FALSE
0,044	0,300	0,001	0,006	0,076	FALSE
0,124	0,295	0,004	0,008	0,202	FALSE
-0,057	0,290	-0,003	0,011	0,087	FALSE
-0,176	0,303	-0,005	0,008	0,274	FALSE
-0,055	0,309	-0,001	0,008	0,066	FALSE
-0,064	0,301	-0,002	0,008	0,094	FALSE
0,003	0,304	0,000	0,008	0,012	FALSE
-0,178	0,290	-0,005	0,009	0,255	FALSE
0,034	0,315	0,001	0,010	0,052	FALSE
0,214	0,293	0,005	0,007	0,306	FALSE
-0,037	0,297	-0,001	0,009	0,052	FALSE
-0,058	0,292	-0,002	0,009	0,079	FALSE
0,057	0,302	0,002	0,007	0,091	FALSE
0,082	0,301	0,002	0,008	0,116	FALSE
-0,131	0,328	-0,005	0,013	0,176	FALSE
0,135	0,294	0,005	0,010	0,196	FALSE
0,003	0,292	0,000	0,009	0,012	FALSE
-0,088	0,316	-0,002	0,009	0,078	FALSE
0,144	0,291	0,004	0,006	0,256	FALSE
0,159	0,298	0,004	0,008	0,258	FALSE
0,000	0,298	0,001	0,007	0,030	FALSE
-0,016	0,304	-0,001	0,008	0,055	FALSE
-0,027	0,316	0,000	0,008	0,023	FALSE
-0,056	0,299	-0,002	0,007	0,095	FALSE
0,060	0,293	0,003	0,012	0,100	FALSE
-0,088	0,304	-0,002	0,006	0,136	FALSE
0,021	0,302	0,001	0,008	0,030	FALSE

0,174	0,300	0,008	0,012	0,272	FALSE
0,024	0,298	0,001	0,012	0,040	FALSE
-0,111	0,297	-0,004	0,012	0,109	FALSE
0,079	0,307	0,002	0,009	0,065	FALSE
-0,002	0,311	0,000	0,010	0,008	FALSE
0,020	0,303	0,000	0,010	0,006	FALSE
0,063	0,309	0,002	0,006	0,121	FALSE
0,126	0,310	0,004	0,012	0,128	FALSE
-0,003	0,298	0,000	0,009	0,018	FALSE
0,017	0,289	0,000	0,008	0,017	FALSE
-0,018	0,300	-0,001	0,007	0,026	FALSE
0,157	0,298	0,006	0,012	0,210	FALSE
0,118	0,306	0,003	0,007	0,190	FALSE
-0,064	0,300	-0,001	0,006	0,057	FALSE
0,143	0,321	0,005	0,012	0,174	FALSE
0,002	0,315	0,000	0,007	0,022	FALSE
0,160	0,303	0,006	0,012	0,229	FALSE
-0,185	0,294	-0,004	0,006	0,273	FALSE
-0,010	0,308	0,000	0,009	0,019	FALSE
0,036	0,309	0,001	0,008	0,027	FALSE
0,001	0,314	0,001	0,012	0,018	FALSE
0,025	0,310	0,001	0,010	0,021	FALSE
0,050	0,297	0,001	0,008	0,047	FALSE
-0,096	0,292	-0,004	0,009	0,176	FALSE
0,001	0,303	0,000	0,010	0,015	FALSE
0,001	0,299	0,000	0,009	0,010	FALSE
0,006	0,319	0,000	0,007	0,007	FALSE
0,063	0,305	0,002	0,009	0,084	FALSE
0,042	0,292	0,001	0,008	0,067	FALSE
-0,005	0,312	0,000	0,010	0,011	FALSE
-0,011	0,313	0,000	0,007	0,015	FALSE
0,138	0,308	0,003	0,006	0,232	FALSE
-0,024	0,297	-0,001	0,009	0,027	FALSE
-0,022	0,301	-0,001	0,009	0,027	FALSE
0,053	0,296	0,000	0,010	0,004	FALSE
0,053	0,299	0,001	0,008	0,066	FALSE
-0,052	0,301	-0,004	0,012	0,125	FALSE
-0,052	0,295	0,000	0,006	0,022	FALSE
0,107	0,319	0,002	0,009	0,088	FALSE
0,052	0,308	0,002	0,009	0,077	FALSE
-0,029	0,320	0,000	0,012	0,012	FALSE
-0,035	0,320	-0,001	0,009	0,037	FALSE
0,063	0,295	0,002	0,008	0,079	FALSE
0,037	0,299	0,001	0,008	0,046	FALSE
0,046	0,305	0,001	0,008	0,040	FALSE
0,013	0,299	0,001	0,010	0,019	FALSE
-0,053	0,308	-0,002	0,012	0,050	FALSE
0,072	0,307	0,002	0,007	0,101	FALSE
-0,026	0,307	-0,002	0,013	0,046	FALSE
-0,060	0,302	-0,001	0,007	0,067	FALSE
0,059	0,316	0,001	0,007	0,055	FALSE
0,016	0,302	0,001	0,007	0,037	FALSE
0,087	0,297	0,003	0,011	0,107	FALSE

0,004	0,311	0,001	0,009	0,025	FALSE
-0,071	0,321	-0,002	0,007	0,077	FALSE
0,006	0,313	0,000	0,009	0,013	FALSE
0,021	0,313	0,001	0,009	0,027	FALSE
0,056	0,292	0,001	0,010	0,047	FALSE
0,153	0,298	0,008	0,012	0,264	FALSE
0,075	0,300	0,003	0,012	0,102	FALSE
0,030	0,298	0,001	0,009	0,033	FALSE
-0,170	0,293	-0,004	0,006	0,251	FALSE
0,126	0,316	0,004	0,009	0,181	FALSE
0,060	0,305	0,002	0,010	0,084	FALSE
0,024	0,286	0,001	0,007	0,043	FALSE
0,083	0,299	0,004	0,012	0,134	FALSE
0,107	0,299	0,005	0,012	0,166	FALSE
0,085	0,299	0,002	0,007	0,118	FALSE
-0,013	0,309	0,000	0,013	0,009	FALSE
0,017	0,304	0,001	0,009	0,028	FALSE
0,063	0,291	0,002	0,008	0,085	FALSE
0,094	0,311	0,002	0,007	0,106	FALSE
-0,002	0,310	0,000	0,010	0,011	FALSE
0,090	0,309	0,003	0,012	0,111	FALSE
0,007	0,307	0,000	0,008	0,009	FALSE
-0,058	0,310	-0,002	0,007	0,104	FALSE
-0,167	0,311	-0,006	0,012	0,226	FALSE
0,040	0,313	0,001	0,007	0,036	FALSE
-0,079	0,297	-0,003	0,012	0,077	FALSE
0,077	0,305	0,002	0,009	0,096	FALSE
-0,058	0,302	-0,002	0,008	0,085	FALSE
0,005	0,322	0,001	0,012	0,025	FALSE
0,093	0,304	0,003	0,009	0,117	FALSE
0,073	0,306	0,003	0,011	0,088	FALSE
0,042	0,311	0,001	0,008	0,062	FALSE
-0,004	0,307	0,000	0,011	0,004	FALSE
0,010	0,331	0,000	0,013	0,004	FALSE
-0,032	0,322	-0,002	0,012	0,062	FALSE
0,050	0,299	0,001	0,007	0,067	FALSE
-0,124	0,303	-0,003	0,008	0,158	FALSE
-0,162	0,318	-0,003	0,007	0,198	FALSE
0,040	0,299	0,000	0,006	0,017	FALSE
-0,121	0,312	-0,004	0,009	0,170	FALSE
-0,070	0,304	-0,002	0,012	0,071	FALSE
0,054	0,293	0,001	0,006	0,029	FALSE
0,060	0,303	0,001	0,007	0,084	FALSE
0,164	0,304	0,005	0,010	0,215	FALSE
-0,131	0,301	-0,005	0,011	0,176	FALSE
-0,122	0,307	-0,003	0,007	0,173	FALSE
-0,019	0,315	-0,001	0,011	0,028	FALSE
0,159	0,289	0,007	0,012	0,270	FALSE
0,037	0,293	0,003	0,012	0,090	FALSE
0,046	0,302	0,001	0,007	0,054	FALSE
0,005	0,303	0,000	0,011	0,009	FALSE
0,055	0,288	0,001	0,010	0,037	FALSE
0,049	0,297	0,001	0,007	0,045	FALSE

0,141	0,291	0,004	0,009	0,185	FALSE
0,000	0,309	0,001	0,006	0,045	FALSE
-0,013	0,309	-0,001	0,010	0,026	FALSE
-0,015	0,305	-0,001	0,012	0,018	FALSE
-0,080	0,307	-0,003	0,010	0,096	FALSE
-0,042	0,304	-0,001	0,011	0,033	FALSE
0,185	0,298	0,007	0,011	0,284	FALSE
-0,136	0,298	-0,004	0,008	0,203	FALSE
-0,090	0,306	-0,003	0,010	0,104	FALSE
0,023	0,303	0,001	0,007	0,029	FALSE
0,105	0,301	0,004	0,012	0,150	FALSE
0,094	0,299	0,003	0,008	0,145	FALSE
-0,053	0,317	-0,002	0,008	0,109	FALSE
0,099	0,310	0,004	0,012	0,133	FALSE
0,115	0,309	0,004	0,012	0,139	FALSE
0,119	0,325	0,003	0,009	0,114	FALSE
-0,052	0,297	-0,004	0,012	0,118	FALSE
0,026	0,308	0,001	0,009	0,041	FALSE
0,121	0,296	0,004	0,010	0,168	FALSE
0,106	0,308	0,003	0,009	0,133	FALSE
0,059	0,310	0,001	0,006	0,059	FALSE
0,040	0,317	0,001	0,006	0,035	FALSE
-0,001	0,314	0,000	0,011	0,004	FALSE
-0,089	0,312	-0,002	0,007	0,088	FALSE
0,057	0,314	0,002	0,011	0,052	FALSE
-0,038	0,302	-0,001	0,011	0,037	FALSE
0,013	0,313	0,000	0,012	0,012	FALSE
-0,150	0,310	-0,003	0,007	0,187	FALSE
-0,098	0,320	-0,004	0,011	0,132	FALSE
-0,019	0,314	-0,001	0,008	0,024	FALSE
-0,026	0,311	-0,001	0,009	0,045	FALSE
-0,040	0,294	-0,001	0,007	0,056	FALSE
-0,008	0,295	0,000	0,012	0,001	FALSE
0,028	0,304	0,000	0,009	0,000	FALSE
-0,018	0,306	-0,001	0,010	0,053	FALSE
0,088	0,308	0,003	0,012	0,099	FALSE
0,069	0,310	0,002	0,011	0,077	FALSE
0,011	0,305	0,000	0,006	0,004	FALSE
-0,059	0,299	-0,002	0,010	0,087	FALSE
-0,098	0,310	-0,003	0,011	0,116	FALSE
-0,072	0,309	-0,003	0,010	0,101	FALSE
-0,012	0,306	-0,001	0,008	0,056	FALSE
-0,094	0,294	-0,003	0,007	0,139	FALSE
0,080	0,301	0,004	0,011	0,135	FALSE
0,073	0,314	0,002	0,009	0,089	FALSE
-0,080	0,305	-0,002	0,009	0,081	FALSE
-0,039	0,303	-0,001	0,007	0,028	FALSE
-0,146	0,306	-0,006	0,012	0,215	FALSE
0,072	0,300	0,003	0,009	0,118	FALSE
-0,121	0,309	-0,002	0,007	0,138	FALSE
-0,136	0,304	-0,006	0,013	0,178	FALSE
0,107	0,305	0,003	0,010	0,101	FALSE
0,054	0,308	0,001	0,008	0,045	FALSE

-0,068	0,314	-0,001	0,007	0,067	FALSE
-0,071	0,303	-0,001	0,007	0,048	FALSE
-0,073	0,323	-0,002	0,008	0,076	FALSE
0,062	0,310	0,003	0,012	0,107	FALSE
0,063	0,327	0,003	0,012	0,102	FALSE
-0,022	0,306	0,000	0,009	0,015	FALSE
-0,016	0,301	-0,001	0,009	0,020	FALSE
0,131	0,300	0,002	0,007	0,130	FALSE
-0,157	0,301	-0,003	0,008	0,179	FALSE
-0,176	0,300	-0,004	0,006	0,238	FALSE
-0,033	0,305	-0,001	0,012	0,042	FALSE
0,073	0,316	0,001	0,007	0,076	FALSE
0,045	0,305	0,001	0,006	0,076	FALSE
-0,040	0,303	-0,001	0,008	0,039	FALSE
0,018	0,299	0,000	0,006	0,013	FALSE
0,146	0,316	0,004	0,009	0,182	FALSE
-0,130	0,307	-0,005	0,012	0,154	FALSE
-0,009	0,316	0,000	0,013	0,014	FALSE
0,024	0,305	0,001	0,012	0,041	FALSE
-0,151	0,288	-0,005	0,012	0,193	FALSE
0,111	0,301	0,003	0,008	0,155	FALSE
0,023	0,320	0,001	0,013	0,019	FALSE
0,023	0,305	0,000	0,013	0,006	FALSE
-0,017	0,298	-0,001	0,012	0,041	FALSE
-0,176	0,306	-0,007	0,013	0,213	FALSE
-0,141	0,301	-0,006	0,012	0,185	FALSE
-0,105	0,315	-0,004	0,011	0,142	FALSE
0,133	0,306	0,003	0,007	0,183	FALSE
0,072	0,312	0,002	0,007	0,086	FALSE
-0,004	0,305	0,000	0,012	0,006	FALSE
0,083	0,298	0,002	0,006	0,107	FALSE
-0,007	0,314	0,000	0,013	0,003	FALSE
0,032	0,312	0,000	0,010	0,014	FALSE
0,130	0,294	0,003	0,009	0,133	FALSE
0,013	0,305	0,001	0,009	0,033	FALSE
-0,131	0,292	-0,005	0,012	0,164	FALSE
0,004	0,308	0,001	0,011	0,022	FALSE
0,050	0,302	0,001	0,012	0,043	FALSE
0,036	0,297	0,001	0,013	0,030	FALSE
0,032	0,322	0,000	0,009	0,001	FALSE
-0,013	0,294	0,000	0,007	0,008	FALSE
0,115	0,311	0,002	0,007	0,135	FALSE
0,006	0,316	0,000	0,007	0,001	FALSE
0,004	0,305	0,001	0,010	0,038	FALSE
-0,134	0,307	-0,006	0,012	0,219	FALSE
-0,139	0,302	-0,004	0,009	0,179	FALSE
0,086	0,311	0,002	0,006	0,104	FALSE
0,111	0,303	0,002	0,008	0,106	FALSE
-0,071	0,290	-0,003	0,008	0,139	FALSE
-0,056	0,304	-0,002	0,009	0,106	FALSE
0,049	0,293	0,002	0,009	0,072	FALSE
0,157	0,308	0,004	0,008	0,193	FALSE
0,183	0,296	0,005	0,009	0,247	FALSE

0,106	0,297	0,002	0,007	0,081	FALSE
0,074	0,306	0,002	0,009	0,079	FALSE
0,074	0,318	0,002	0,008	0,090	FALSE
-0,032	0,301	0,000	0,011	0,012	FALSE
-0,142	0,301	-0,003	0,007	0,168	FALSE
-0,076	0,298	-0,002	0,006	0,093	FALSE
0,025	0,311	0,001	0,013	0,020	FALSE
0,107	0,301	0,003	0,008	0,150	FALSE
-0,022	0,297	-0,001	0,010	0,050	FALSE
0,035	0,312	0,001	0,011	0,026	FALSE
-0,013	0,311	-0,001	0,008	0,031	FALSE
0,085	0,285	0,003	0,007	0,183	FALSE
0,056	0,302	0,002	0,007	0,129	FALSE
0,018	0,301	0,001	0,007	0,058	FALSE
-0,075	0,305	-0,001	0,008	0,061	FALSE
0,160	0,301	0,005	0,012	0,185	FALSE
-0,118	0,311	-0,003	0,009	0,122	FALSE
-0,032	0,289	-0,001	0,006	0,069	FALSE
-0,186	0,308	-0,006	0,011	0,251	FALSE
-0,059	0,302	-0,003	0,009	0,112	FALSE
-0,094	0,315	-0,002	0,008	0,107	FALSE
-0,018	0,306	0,000	0,010	0,004	FALSE
0,068	0,295	0,002	0,008	0,107	FALSE
0,042	0,309	0,001	0,008	0,066	FALSE
0,082	0,309	0,003	0,010	0,100	FALSE
0,116	0,308	0,004	0,009	0,187	FALSE
0,112	0,296	0,002	0,006	0,121	FALSE
-0,020	0,306	0,000	0,010	0,015	FALSE
-0,001	0,307	0,000	0,006	0,014	FALSE
0,123	0,295	0,004	0,009	0,176	FALSE
0,029	0,301	0,001	0,006	0,056	FALSE
-0,037	0,305	-0,002	0,012	0,046	FALSE
0,094	0,302	0,004	0,012	0,135	FALSE
-0,078	0,312	-0,001	0,008	0,068	FALSE
-0,039	0,311	-0,001	0,008	0,029	FALSE
-0,030	0,320	0,000	0,008	0,016	FALSE
-0,091	0,299	-0,004	0,013	0,129	FALSE
-0,050	0,306	-0,001	0,006	0,063	FALSE
0,020	0,299	0,000	0,006	0,027	FALSE
-0,061	0,315	-0,002	0,012	0,057	FALSE
0,089	0,297	0,002	0,009	0,089	FALSE
0,047	0,312	0,001	0,009	0,029	FALSE
-0,054	0,305	-0,001	0,008	0,038	FALSE
-0,001	0,307	0,000	0,009	0,002	FALSE
0,047	0,297	0,001	0,010	0,037	FALSE
0,001	0,308	0,000	0,012	0,002	FALSE
-0,090	0,310	-0,002	0,007	0,115	FALSE
-0,005	0,309	0,000	0,013	0,006	FALSE
-0,105	0,305	-0,004	0,012	0,131	FALSE
-0,095	0,315	-0,002	0,008	0,098	FALSE
0,015	0,316	0,001	0,009	0,047	FALSE
0,062	0,306	0,002	0,012	0,072	FALSE
-0,085	0,304	-0,004	0,011	0,141	FALSE

0,014	0,311	0,001	0,008	0,050	FALSE
-0,093	0,307	-0,003	0,009	0,134	FALSE
-0,081	0,316	-0,004	0,011	0,134	FALSE
0,053	0,303	0,003	0,012	0,079	FALSE
-0,073	0,321	-0,002	0,010	0,095	FALSE
-0,069	0,312	-0,001	0,006	0,060	FALSE
0,064	0,307	0,001	0,007	0,040	FALSE
-0,149	0,319	-0,005	0,010	0,210	FALSE
-0,044	0,309	-0,001	0,009	0,043	FALSE
0,026	0,300	0,000	0,006	0,016	FALSE
0,025	0,309	0,002	0,011	0,074	FALSE
0,017	0,306	0,001	0,008	0,027	FALSE
0,100	0,289	0,002	0,006	0,131	FALSE
0,088	0,302	0,002	0,007	0,102	FALSE
-0,004	0,309	0,001	0,006	0,046	FALSE
-0,104	0,296	-0,003	0,008	0,159	FALSE
0,067	0,302	0,002	0,006	0,096	FALSE
-0,036	0,310	-0,001	0,010	0,044	FALSE
-0,082	0,297	-0,002	0,008	0,083	FALSE
0,047	0,285	0,002	0,012	0,063	FALSE
0,067	0,295	0,002	0,012	0,072	FALSE
0,110	0,301	0,004	0,012	0,124	FALSE
-0,068	0,309	-0,003	0,011	0,117	FALSE
0,131	0,297	0,005	0,011	0,175	FALSE
0,048	0,299	0,001	0,007	0,078	FALSE
0,046	0,311	0,001	0,011	0,039	FALSE
-0,097	0,286	-0,005	0,012	0,148	FALSE
0,168	0,303	0,004	0,006	0,273	FALSE
-0,009	0,308	-0,002	0,011	0,064	FALSE
-0,021	0,320	0,000	0,013	0,010	FALSE
0,004	0,310	0,000	0,009	0,013	FALSE
0,034	0,288	0,002	0,009	0,095	FALSE
0,020	0,304	0,001	0,012	0,044	FALSE
0,002	0,305	0,001	0,012	0,020	FALSE
-0,004	0,308	0,001	0,012	0,026	FALSE
0,084	0,299	0,002	0,007	0,091	FALSE
0,033	0,298	0,000	0,008	0,017	FALSE
-0,028	0,315	-0,001	0,008	0,041	FALSE
-0,167	0,295	-0,007	0,012	0,250	FALSE
0,168	0,293	0,004	0,009	0,218	FALSE
0,067	0,306	0,001	0,006	0,043	FALSE
0,128	0,309	0,003	0,007	0,144	FALSE
-0,031	0,305	-0,002	0,009	0,061	FALSE
0,021	0,308	0,000	0,006	0,003	FALSE
-0,001	0,296	-0,001	0,011	0,023	FALSE
-0,013	0,315	-0,001	0,007	0,040	FALSE
0,117	0,298	0,004	0,008	0,202	FALSE
-0,109	0,311	-0,005	0,012	0,162	FALSE
-0,064	0,309	-0,001	0,007	0,076	FALSE
-0,056	0,304	-0,002	0,008	0,093	FALSE
-0,009	0,308	0,000	0,006	0,020	FALSE
0,045	0,317	0,001	0,007	0,063	FALSE
0,048	0,314	0,002	0,007	0,085	FALSE

-0,011	0,304	0,000	0,010	0,003	FALSE
-0,027	0,309	0,000	0,007	0,014	FALSE
0,087	0,304	0,002	0,007	0,097	FALSE
0,011	0,307	0,000	0,009	0,002	FALSE
-0,087	0,309	-0,003	0,010	0,104	FALSE
0,013	0,316	0,000	0,006	0,011	FALSE
0,098	0,304	0,003	0,012	0,105	FALSE
-0,025	0,302	-0,001	0,007	0,042	FALSE
0,067	0,297	0,002	0,009	0,087	FALSE
0,075	0,304	0,002	0,009	0,099	FALSE
0,157	0,304	0,005	0,009	0,230	FALSE
0,069	0,306	0,002	0,010	0,061	FALSE
0,079	0,309	0,004	0,011	0,153	FALSE
-0,015	0,310	-0,002	0,010	0,062	FALSE
0,074	0,310	0,002	0,009	0,091	FALSE
-0,031	0,319	-0,001	0,012	0,032	FALSE
0,023	0,309	0,001	0,010	0,034	FALSE
-0,069	0,306	-0,002	0,009	0,078	FALSE
-0,139	0,309	-0,003	0,008	0,184	FALSE
-0,014	0,288	0,000	0,012	0,010	FALSE
0,099	0,310	0,004	0,012	0,138	FALSE
-0,095	0,313	-0,003	0,009	0,111	FALSE
-0,037	0,313	-0,001	0,011	0,017	FALSE
0,032	0,311	0,001	0,007	0,030	FALSE
0,210	0,298	0,006	0,009	0,320	FALSE
0,136	0,307	0,006	0,013	0,184	FALSE
0,084	0,310	0,003	0,008	0,132	FALSE
0,050	0,301	0,002	0,010	0,087	FALSE
0,102	0,306	0,003	0,007	0,180	FALSE
-0,068	0,311	-0,001	0,006	0,072	FALSE
0,038	0,314	0,002	0,009	0,078	FALSE
-0,028	0,306	-0,001	0,006	0,042	FALSE
-0,037	0,308	-0,001	0,006	0,043	FALSE
0,048	0,309	0,002	0,008	0,083	FALSE
-0,070	0,303	-0,003	0,012	0,106	FALSE
0,201	0,304	0,010	0,012	0,368	FALSE
0,130	0,278	0,007	0,012	0,241	FALSE
0,138	0,278	0,007	0,012	0,252	FALSE
-0,039	0,319	-0,001	0,011	0,042	FALSE
-0,079	0,310	-0,003	0,013	0,092	FALSE
-0,023	0,314	-0,001	0,008	0,035	FALSE
-0,038	0,303	-0,001	0,012	0,038	FALSE
0,002	0,298	0,000	0,007	0,005	FALSE
-0,107	0,318	-0,002	0,008	0,119	FALSE
0,014	0,302	0,000	0,006	0,026	FALSE
-0,038	0,315	-0,001	0,012	0,044	FALSE
-0,020	0,325	0,000	0,007	0,021	FALSE
-0,105	0,316	-0,002	0,007	0,105	FALSE
-0,027	0,309	0,000	0,007	0,019	FALSE
0,043	0,304	0,001	0,006	0,078	FALSE
-0,143	0,309	-0,006	0,011	0,211	FALSE
-0,050	0,299	-0,001	0,008	0,064	FALSE
0,118	0,292	0,003	0,006	0,213	FALSE

0,105	0,300	0,004	0,010	0,150	FALSE
-0,116	0,303	-0,002	0,006	0,144	FALSE
0,189	0,288	0,006	0,009	0,288	FALSE
0,183	0,310	0,006	0,010	0,263	FALSE
-0,053	0,310	-0,001	0,008	0,073	FALSE
-0,039	0,311	-0,002	0,011	0,062	FALSE
0,094	0,302	0,002	0,007	0,111	FALSE
0,028	0,305	0,001	0,010	0,023	FALSE
0,001	0,321	0,000	0,007	0,014	FALSE
-0,102	0,300	-0,004	0,011	0,158	FALSE
-0,020	0,310	0,000	0,008	0,008	FALSE
-0,090	0,318	-0,002	0,009	0,104	FALSE
0,078	0,318	0,002	0,010	0,065	FALSE
-0,010	0,316	0,000	0,010	0,007	FALSE
-0,043	0,314	-0,001	0,009	0,046	FALSE
0,001	0,302	0,000	0,009	0,009	FALSE
-0,023	0,309	0,000	0,007	0,003	FALSE
0,109	0,290	0,004	0,011	0,140	FALSE
0,038	0,301	0,002	0,011	0,054	FALSE
0,112	0,296	0,004	0,009	0,196	FALSE
-0,052	0,311	-0,002	0,009	0,080	FALSE
0,083	0,317	0,002	0,007	0,100	FALSE
0,050	0,303	0,002	0,007	0,084	FALSE
0,106	0,311	0,004	0,012	0,141	FALSE
0,011	0,312	0,001	0,012	0,019	FALSE
0,024	0,319	0,000	0,012	0,003	FALSE
-0,092	0,307	-0,002	0,008	0,105	FALSE
0,046	0,325	0,000	0,012	0,014	FALSE
0,040	0,327	0,002	0,010	0,073	FALSE
-0,017	0,310	-0,001	0,010	0,029	FALSE
0,120	0,291	0,004	0,010	0,147	FALSE
-0,021	0,313	-0,001	0,011	0,048	FALSE
-0,107	0,312	-0,002	0,007	0,087	FALSE
0,018	0,323	0,000	0,007	0,005	FALSE
0,022	0,322	0,001	0,009	0,034	FALSE
-0,029	0,294	-0,001	0,010	0,053	FALSE
-0,050	0,314	-0,002	0,009	0,082	FALSE
0,059	0,317	0,001	0,008	0,060	FALSE
0,108	0,305	0,002	0,006	0,148	FALSE
0,020	0,294	0,000	0,006	0,009	FALSE
0,014	0,312	0,002	0,012	0,049	FALSE
0,008	0,297	0,001	0,012	0,043	FALSE
0,019	0,291	0,001	0,010	0,029	FALSE
-0,046	0,308	-0,002	0,012	0,064	FALSE
-0,013	0,291	0,000	0,010	0,017	FALSE
-0,026	0,313	-0,001	0,008	0,023	FALSE
0,005	0,316	0,000	0,009	0,012	FALSE
-0,086	0,302	-0,004	0,012	0,130	FALSE
0,123	0,301	0,005	0,011	0,180	FALSE
0,109	0,327	0,005	0,013	0,154	FALSE
0,112	0,315	0,005	0,013	0,147	FALSE
0,010	0,315	0,000	0,009	0,009	FALSE
0,013	0,315	0,001	0,007	0,030	FALSE

0,049	0,308	0,001	0,008	0,068	FALSE
0,039	0,305	0,001	0,007	0,047	FALSE
-0,115	0,302	-0,003	0,009	0,118	FALSE
-0,070	0,312	-0,002	0,007	0,088	FALSE
0,075	0,304	0,001	0,006	0,084	FALSE
-0,049	0,314	-0,001	0,007	0,064	FALSE
-0,074	0,320	-0,002	0,007	0,088	FALSE
0,024	0,292	0,001	0,012	0,030	FALSE
-0,003	0,322	0,000	0,011	0,001	FALSE
-0,176	0,312	-0,004	0,007	0,239	FALSE
-0,055	0,318	-0,002	0,011	0,083	FALSE
-0,010	0,307	-0,001	0,008	0,033	FALSE
0,002	0,307	0,000	0,010	0,001	FALSE
-0,010	0,320	-0,001	0,007	0,033	FALSE
0,106	0,323	0,002	0,007	0,129	FALSE
-0,053	0,301	-0,002	0,007	0,092	FALSE
-0,007	0,306	0,000	0,006	0,003	FALSE
0,040	0,311	0,001	0,009	0,036	FALSE
0,016	0,305	0,000	0,011	0,012	FALSE
0,018	0,306	0,000	0,007	0,009	FALSE
0,021	0,312	0,000	0,008	0,020	FALSE
0,170	0,309	0,006	0,013	0,207	FALSE
-0,046	0,327	-0,002	0,013	0,051	FALSE
0,018	0,318	0,001	0,011	0,017	FALSE
0,043	0,312	0,001	0,008	0,053	FALSE
-0,116	0,302	-0,004	0,011	0,163	FALSE
0,001	0,289	0,000	0,006	0,027	FALSE
-0,051	0,292	-0,001	0,008	0,065	FALSE
-0,041	0,309	-0,001	0,008	0,037	FALSE
-0,044	0,313	-0,001	0,008	0,064	FALSE
-0,041	0,318	-0,002	0,012	0,049	FALSE
0,127	0,308	0,002	0,006	0,158	FALSE
0,136	0,300	0,003	0,006	0,199	FALSE
-0,053	0,302	-0,001	0,010	0,045	FALSE
-0,144	0,307	-0,004	0,009	0,216	FALSE
-0,037	0,308	0,000	0,011	0,012	FALSE
0,049	0,312	0,001	0,007	0,050	FALSE
-0,044	0,287	0,000	0,008	0,018	FALSE
0,076	0,318	0,002	0,009	0,101	FALSE
0,094	0,312	0,002	0,008	0,111	FALSE
0,067	0,307	0,002	0,009	0,099	FALSE
0,031	0,326	0,001	0,008	0,029	FALSE
0,136	0,295	0,003	0,006	0,197	FALSE
-0,058	0,318	-0,002	0,009	0,086	FALSE
-0,052	0,324	-0,001	0,008	0,066	FALSE
-0,046	0,310	-0,001	0,008	0,053	FALSE
0,160	0,288	0,006	0,010	0,243	FALSE
0,041	0,298	0,001	0,011	0,028	FALSE
-0,119	0,300	-0,003	0,009	0,126	FALSE
-0,078	0,290	-0,004	0,012	0,137	FALSE
0,031	0,304	0,001	0,012	0,032	FALSE
-0,052	0,315	-0,002	0,007	0,108	FALSE
-0,088	0,305	-0,002	0,007	0,105	FALSE

0,131	0,292	0,006	0,011	0,228	FALSE
0,104	0,307	0,005	0,011	0,193	FALSE
0,018	0,315	0,000	0,013	0,010	FALSE
-0,052	0,311	-0,002	0,010	0,071	FALSE
0,000	0,297	0,000	0,008	0,001	FALSE
-0,187	0,296	-0,007	0,011	0,256	FALSE
-0,097	0,298	-0,003	0,009	0,119	FALSE
-0,065	0,304	-0,002	0,011	0,079	FALSE
-0,133	0,304	-0,004	0,010	0,191	FALSE
0,099	0,296	0,004	0,011	0,152	FALSE
0,136	0,295	0,003	0,006	0,180	FALSE
-0,073	0,305	-0,003	0,010	0,097	FALSE
-0,164	0,306	-0,003	0,007	0,215	FALSE
0,008	0,296	0,000	0,011	0,000	FALSE
-0,069	0,304	-0,002	0,008	0,124	FALSE
0,011	0,306	0,001	0,007	0,027	FALSE
-0,118	0,314	-0,003	0,007	0,150	FALSE
-0,013	0,326	0,000	0,008	0,017	FALSE
0,023	0,300	0,001	0,008	0,023	FALSE
-0,038	0,299	-0,001	0,006	0,056	FALSE
-0,032	0,298	-0,001	0,009	0,021	FALSE
-0,004	0,305	-0,001	0,010	0,019	FALSE
0,090	0,304	0,003	0,009	0,128	FALSE
-0,026	0,310	-0,002	0,012	0,052	FALSE
-0,016	0,297	-0,001	0,010	0,047	FALSE
-0,003	0,331	-0,001	0,008	0,025	FALSE
0,016	0,318	0,000	0,012	0,002	FALSE
0,040	0,323	0,001	0,009	0,023	FALSE
0,072	0,308	0,003	0,012	0,095	FALSE
0,005	0,313	0,000	0,008	0,015	FALSE
0,047	0,322	0,001	0,010	0,046	FALSE
-0,037	0,310	-0,002	0,012	0,067	FALSE
0,136	0,295	0,003	0,008	0,140	FALSE
-0,015	0,300	0,000	0,011	0,015	FALSE
0,093	0,308	0,003	0,013	0,082	FALSE
0,063	0,296	0,001	0,009	0,051	FALSE
0,095	0,314	0,002	0,008	0,082	FALSE
0,058	0,306	0,001	0,013	0,029	FALSE
-0,026	0,309	0,000	0,012	0,007	FALSE
0,080	0,296	0,002	0,008	0,090	FALSE
0,090	0,299	0,002	0,008	0,088	FALSE
-0,061	0,312	-0,001	0,007	0,073	FALSE
-0,107	0,312	-0,003	0,007	0,147	FALSE
-0,045	0,300	-0,001	0,007	0,066	FALSE
-0,062	0,301	-0,003	0,009	0,112	FALSE
-0,032	0,310	-0,002	0,013	0,067	FALSE
0,021	0,299	0,000	0,008	0,016	FALSE
-0,121	0,301	-0,004	0,012	0,157	FALSE
0,101	0,314	0,002	0,007	0,141	FALSE
0,120	0,321	0,003	0,008	0,145	FALSE
0,149	0,306	0,004	0,007	0,208	FALSE
-0,175	0,293	-0,006	0,011	0,248	FALSE
0,064	0,306	0,001	0,006	0,081	FALSE

0,070	0,292	0,002	0,009	0,090	FALSE
-0,090	0,314	-0,003	0,011	0,101	FALSE
-0,124	0,315	-0,004	0,010	0,171	FALSE
0,097	0,296	0,004	0,010	0,174	FALSE
0,124	0,299	0,005	0,009	0,207	FALSE
-0,075	0,298	-0,003	0,010	0,124	FALSE
0,017	0,307	0,000	0,006	0,027	FALSE
0,055	0,304	0,002	0,012	0,064	FALSE
0,050	0,308	0,001	0,006	0,084	FALSE
0,088	0,321	0,002	0,009	0,095	FALSE
0,003	0,300	0,000	0,011	0,006	FALSE
-0,211	0,301	-0,005	0,007	0,315	FALSE
-0,061	0,301	-0,002	0,011	0,059	FALSE
0,043	0,311	0,000	0,007	0,024	FALSE
-0,037	0,309	-0,001	0,008	0,043	FALSE
0,089	0,294	0,004	0,011	0,131	FALSE
-0,027	0,305	-0,001	0,012	0,037	FALSE
0,026	0,315	0,001	0,011	0,028	FALSE
-0,048	0,307	-0,002	0,008	0,089	FALSE
0,068	0,312	0,001	0,006	0,074	FALSE
0,056	0,305	0,001	0,006	0,084	FALSE
0,083	0,307	0,003	0,012	0,082	FALSE
-0,028	0,318	-0,002	0,009	0,062	FALSE
0,083	0,305	0,004	0,012	0,134	FALSE
0,127	0,303	0,003	0,006	0,178	FALSE
0,020	0,304	0,000	0,006	0,022	FALSE
-0,144	0,298	-0,006	0,012	0,221	FALSE
-0,092	0,305	-0,004	0,011	0,155	FALSE
-0,141	0,309	-0,004	0,009	0,184	FALSE
-0,139	0,306	-0,004	0,009	0,180	FALSE
0,008	0,316	0,001	0,011	0,031	FALSE
0,046	0,296	0,001	0,007	0,032	FALSE
0,165	0,311	0,004	0,008	0,216	FALSE
0,050	0,298	0,001	0,013	0,020	FALSE
0,075	0,302	0,003	0,008	0,117	FALSE
0,084	0,282	0,003	0,008	0,128	FALSE
0,017	0,294	0,000	0,007	0,020	FALSE
0,032	0,325	0,001	0,010	0,039	FALSE
-0,002	0,297	0,000	0,006	0,002	FALSE
0,056	0,312	0,001	0,006	0,084	FALSE
-0,002	0,306	0,000	0,007	0,002	FALSE
0,008	0,307	0,000	0,009	0,018	FALSE
-0,160	0,307	-0,003	0,007	0,206	FALSE
0,084	0,295	0,002	0,007	0,104	FALSE
-0,105	0,297	-0,004	0,011	0,136	FALSE
-0,056	0,293	-0,002	0,012	0,073	FALSE
-0,008	0,313	0,000	0,012	0,013	FALSE
-0,080	0,296	-0,003	0,009	0,138	FALSE
-0,051	0,313	-0,002	0,009	0,078	FALSE
-0,005	0,303	0,000	0,011	0,007	FALSE
0,172	0,298	0,008	0,012	0,286	FALSE
0,000	0,304	-0,001	0,012	0,030	FALSE
-0,088	0,314	-0,003	0,012	0,088	FALSE

-0,110	0,305	-0,003	0,008	0,144	FALSE
-0,091	0,321	-0,002	0,009	0,106	FALSE
-0,021	0,308	-0,001	0,007	0,063	FALSE
-0,037	0,309	-0,001	0,007	0,068	FALSE
-0,017	0,311	-0,001	0,009	0,025	FALSE
-0,055	0,306	-0,001	0,008	0,038	FALSE
0,073	0,310	0,003	0,012	0,087	FALSE
0,063	0,289	0,002	0,008	0,097	FALSE
0,068	0,294	0,003	0,012	0,098	FALSE
-0,017	0,310	0,000	0,007	0,015	FALSE
-0,025	0,316	0,000	0,007	0,017	FALSE
-0,107	0,290	-0,003	0,010	0,125	FALSE
-0,147	0,307	-0,004	0,007	0,204	FALSE
-0,068	0,320	-0,002	0,013	0,059	FALSE
-0,001	0,318	0,000	0,010	0,009	FALSE
-0,022	0,318	-0,001	0,008	0,034	FALSE
-0,037	0,330	-0,002	0,013	0,069	FALSE
-0,090	0,300	-0,004	0,012	0,116	FALSE
0,062	0,288	0,003	0,008	0,142	FALSE
0,131	0,292	0,004	0,008	0,203	FALSE
0,106	0,295	0,004	0,010	0,153	FALSE
0,042	0,290	0,002	0,008	0,089	FALSE
-0,135	0,297	-0,005	0,011	0,213	FALSE
-0,076	0,304	-0,002	0,009	0,074	FALSE
-0,079	0,298	-0,002	0,007	0,097	FALSE
0,055	0,311	0,001	0,007	0,051	FALSE
-0,016	0,311	-0,001	0,012	0,034	FALSE
0,169	0,280	0,004	0,009	0,182	FALSE
0,168	0,284	0,003	0,007	0,189	FALSE
0,054	0,309	0,001	0,008	0,045	FALSE
0,027	0,310	0,001	0,011	0,035	FALSE
0,138	0,313	0,003	0,006	0,218	FALSE
0,014	0,310	0,001	0,007	0,038	FALSE
0,139	0,277	0,004	0,007	0,265	FALSE
-0,010	0,305	-0,001	0,007	0,053	FALSE
-0,036	0,306	-0,001	0,012	0,026	FALSE
0,002	0,302	0,000	0,008	0,010	FALSE
-0,040	0,304	0,000	0,009	0,017	FALSE
-0,023	0,301	-0,001	0,008	0,048	FALSE
-0,106	0,316	-0,003	0,009	0,139	FALSE
0,015	0,314	0,000	0,006	0,010	FALSE
-0,080	0,303	-0,003	0,012	0,080	FALSE
0,048	0,316	0,001	0,007	0,033	FALSE
0,032	0,312	0,000	0,010	0,007	FALSE
0,030	0,294	0,001	0,006	0,038	FALSE
-0,033	0,314	-0,001	0,006	0,034	FALSE
0,025	0,310	0,000	0,009	0,011	FALSE
-0,016	0,313	0,000	0,012	0,010	FALSE
-0,002	0,297	0,000	0,006	0,009	FALSE
0,104	0,317	0,004	0,011	0,150	FALSE
0,092	0,297	0,002	0,008	0,100	FALSE
0,064	0,308	0,002	0,011	0,079	FALSE
0,072	0,303	0,003	0,013	0,104	FALSE

-0,032	0,299	-0,001	0,008	0,031	FALSE
-0,028	0,320	0,000	0,007	0,021	FALSE
-0,061	0,295	-0,002	0,010	0,086	FALSE
0,017	0,307	0,000	0,009	0,005	FALSE
0,013	0,290	0,001	0,006	0,057	FALSE
0,060	0,303	0,003	0,012	0,102	FALSE
-0,034	0,296	-0,001	0,008	0,050	FALSE
0,086	0,303	0,004	0,010	0,157	FALSE
0,032	0,310	0,000	0,010	0,011	FALSE
-0,016	0,302	0,001	0,011	0,032	FALSE
-0,062	0,307	-0,003	0,012	0,090	FALSE
0,108	0,311	0,005	0,013	0,167	FALSE
-0,018	0,294	0,000	0,009	0,019	FALSE
0,045	0,310	0,001	0,009	0,058	FALSE
0,016	0,320	0,000	0,006	0,006	FALSE
0,191	0,304	0,007	0,010	0,321	FALSE
-0,107	0,315	-0,002	0,007	0,143	FALSE
0,120	0,296	0,006	0,012	0,208	FALSE
0,053	0,304	0,002	0,009	0,068	FALSE
-0,056	0,306	-0,001	0,007	0,055	FALSE
0,005	0,303	0,000	0,008	0,015	FALSE
-0,042	0,306	-0,001	0,010	0,055	FALSE
-0,037	0,305	-0,002	0,010	0,062	FALSE
-0,033	0,301	0,000	0,008	0,021	FALSE
0,072	0,303	0,003	0,009	0,120	FALSE
-0,008	0,309	0,000	0,007	0,010	FALSE
-0,081	0,306	-0,004	0,011	0,147	FALSE
0,033	0,312	0,001	0,012	0,020	FALSE
0,034	0,303	0,000	0,012	0,013	FALSE
0,048	0,306	0,001	0,012	0,039	FALSE
0,000	0,298	0,000	0,008	0,016	FALSE
0,067	0,321	0,002	0,011	0,079	FALSE
-0,048	0,311	-0,001	0,009	0,030	FALSE
0,054	0,309	0,002	0,008	0,079	FALSE
0,114	0,298	0,005	0,011	0,169	FALSE
0,108	0,313	0,004	0,012	0,139	FALSE
0,108	0,307	0,002	0,007	0,154	FALSE
-0,039	0,302	-0,001	0,012	0,027	FALSE
-0,045	0,317	-0,001	0,007	0,036	FALSE
0,020	0,297	0,000	0,006	0,007	FALSE
-0,006	0,310	0,000	0,012	0,010	FALSE
-0,080	0,304	-0,001	0,008	0,061	FALSE
0,036	0,297	0,001	0,011	0,031	FALSE
-0,039	0,299	-0,001	0,012	0,032	FALSE
0,007	0,307	0,000	0,012	0,011	FALSE
0,091	0,307	0,004	0,012	0,112	FALSE
0,094	0,306	0,003	0,012	0,110	FALSE
0,061	0,314	0,002	0,013	0,067	FALSE
0,168	0,292	0,004	0,006	0,298	FALSE
-0,133	0,294	-0,003	0,007	0,210	FALSE
0,016	0,304	0,001	0,012	0,026	FALSE
0,053	0,304	0,001	0,007	0,047	FALSE
-0,123	0,305	-0,006	0,013	0,178	FALSE

-0,031	0,303	-0,002	0,012	0,066	FALSE
0,000	0,297	0,000	0,011	0,011	FALSE
-0,036	0,319	-0,001	0,009	0,023	FALSE
-0,016	0,301	-0,001	0,012	0,027	FALSE
0,014	0,312	0,001	0,009	0,027	FALSE
0,035	0,297	0,001	0,009	0,059	FALSE
0,016	0,312	0,001	0,010	0,021	FALSE
-0,025	0,317	-0,001	0,008	0,025	FALSE
-0,028	0,306	-0,001	0,007	0,049	FALSE
-0,096	0,313	-0,002	0,006	0,137	FALSE
-0,083	0,302	-0,002	0,008	0,107	FALSE
-0,044	0,299	-0,001	0,008	0,058	FALSE
-0,033	0,312	-0,001	0,012	0,040	FALSE
-0,050	0,301	-0,001	0,008	0,055	FALSE
0,100	0,317	0,005	0,013	0,149	FALSE
-0,139	0,298	-0,005	0,012	0,172	FALSE
-0,035	0,301	-0,002	0,010	0,060	FALSE
-0,035	0,315	-0,001	0,009	0,041	FALSE
0,007	0,308	0,000	0,008	0,007	FALSE
-0,139	0,300	-0,003	0,007	0,141	FALSE
-0,062	0,302	-0,002	0,012	0,056	FALSE
-0,001	0,314	-0,002	0,013	0,047	FALSE
-0,057	0,318	-0,002	0,009	0,063	FALSE
-0,106	0,310	-0,002	0,006	0,099	FALSE
0,049	0,312	0,002	0,009	0,081	FALSE
0,039	0,305	0,003	0,012	0,115	FALSE
0,041	0,294	0,003	0,011	0,106	FALSE
0,088	0,300	0,003	0,012	0,089	FALSE
0,080	0,312	0,002	0,012	0,072	FALSE
0,063	0,307	0,001	0,006	0,067	FALSE
-0,060	0,308	-0,003	0,013	0,106	FALSE
-0,057	0,287	-0,001	0,006	0,054	FALSE
-0,069	0,308	-0,002	0,007	0,104	FALSE
0,018	0,311	0,001	0,010	0,033	FALSE
0,161	0,306	0,003	0,007	0,216	FALSE
0,168	0,315	0,005	0,010	0,231	FALSE
-0,141	0,306	-0,006	0,012	0,193	FALSE
0,074	0,296	0,002	0,006	0,122	FALSE
-0,042	0,294	-0,001	0,008	0,042	FALSE
0,009	0,325	0,000	0,011	0,006	FALSE
0,010	0,312	0,000	0,012	0,004	FALSE
-0,041	0,306	0,000	0,006	0,027	FALSE
-0,044	0,301	-0,001	0,007	0,037	FALSE
0,033	0,311	0,001	0,011	0,051	FALSE
0,061	0,309	0,002	0,009	0,066	FALSE
0,011	0,303	0,001	0,008	0,024	FALSE
0,041	0,307	0,001	0,008	0,058	FALSE
-0,014	0,293	0,000	0,010	0,014	FALSE
-0,027	0,319	-0,001	0,012	0,034	FALSE
0,125	0,305	0,005	0,012	0,180	FALSE
0,094	0,317	0,003	0,011	0,113	FALSE
-0,022	0,301	0,000	0,011	0,007	FALSE
0,051	0,306	0,001	0,007	0,063	FALSE

-0,040	0,323	-0,001	0,011	0,032	FALSE
0,103	0,298	0,004	0,012	0,143	FALSE
-0,108	0,300	-0,002	0,006	0,121	FALSE
0,067	0,307	0,002	0,009	0,081	FALSE
-0,074	0,307	-0,002	0,008	0,095	FALSE
0,082	0,323	0,003	0,010	0,099	FALSE
0,009	0,314	0,001	0,009	0,046	FALSE
0,020	0,306	0,000	0,009	0,011	FALSE
-0,037	0,304	-0,001	0,007	0,041	FALSE
-0,006	0,302	0,000	0,012	0,011	FALSE
-0,034	0,316	-0,001	0,012	0,034	FALSE
-0,086	0,294	-0,003	0,012	0,081	FALSE
-0,108	0,320	-0,003	0,009	0,143	FALSE
-0,135	0,315	-0,004	0,010	0,182	FALSE
-0,115	0,300	-0,004	0,009	0,168	FALSE
0,012	0,294	0,000	0,009	0,004	FALSE
0,015	0,308	0,000	0,011	0,016	FALSE
0,177	0,307	0,005	0,008	0,272	FALSE
0,061	0,300	0,003	0,012	0,099	FALSE
-0,003	0,302	0,000	0,010	0,008	FALSE
0,017	0,302	0,002	0,008	0,075	FALSE
-0,019	0,321	0,000	0,011	0,008	FALSE
-0,087	0,295	-0,002	0,006	0,103	FALSE
0,188	0,296	0,007	0,012	0,264	FALSE
0,141	0,308	0,002	0,007	0,146	FALSE
0,149	0,298	0,003	0,007	0,186	FALSE
0,048	0,315	0,002	0,012	0,070	FALSE
-0,026	0,292	0,000	0,010	0,016	FALSE
-0,021	0,323	0,000	0,007	0,002	FALSE
-0,025	0,300	0,000	0,011	0,016	FALSE
-0,057	0,304	-0,001	0,008	0,059	FALSE
-0,072	0,295	-0,003	0,012	0,087	FALSE
-0,169	0,313	-0,007	0,013	0,221	FALSE
-0,066	0,311	-0,003	0,011	0,117	FALSE
-0,102	0,314	-0,002	0,006	0,136	FALSE
0,042	0,305	0,002	0,009	0,080	FALSE
0,149	0,302	0,004	0,009	0,189	FALSE
0,057	0,308	0,001	0,007	0,061	FALSE
-0,046	0,319	-0,001	0,008	0,045	FALSE
0,091	0,303	0,003	0,010	0,133	FALSE
-0,167	0,296	-0,008	0,013	0,279	FALSE
-0,087	0,301	-0,003	0,011	0,107	FALSE
0,128	0,302	0,004	0,012	0,143	FALSE
-0,006	0,302	0,000	0,007	0,006	FALSE
-0,070	0,302	-0,003	0,009	0,121	FALSE
0,024	0,304	0,000	0,009	0,006	FALSE
0,065	0,309	0,003	0,012	0,078	FALSE
0,048	0,308	0,001	0,010	0,032	FALSE
-0,132	0,318	-0,006	0,013	0,188	FALSE
0,019	0,312	0,000	0,013	0,008	FALSE
0,048	0,312	0,001	0,007	0,074	FALSE
0,009	0,317	0,001	0,007	0,028	FALSE
-0,098	0,287	-0,002	0,007	0,129	FALSE

0,040	0,310	0,001	0,010	0,056	FALSE
0,075	0,309	0,002	0,009	0,104	FALSE
-0,079	0,307	-0,003	0,008	0,138	FALSE
-0,029	0,300	0,000	0,011	0,010	FALSE
0,068	0,324	0,002	0,007	0,096	FALSE
-0,035	0,317	-0,001	0,011	0,024	FALSE
0,015	0,306	0,000	0,009	0,015	FALSE
0,030	0,310	0,002	0,009	0,071	FALSE
-0,021	0,307	-0,001	0,010	0,034	FALSE
-0,045	0,318	-0,003	0,012	0,085	FALSE
-0,004	0,310	0,000	0,006	0,019	FALSE
-0,089	0,309	-0,002	0,007	0,104	FALSE
-0,057	0,297	-0,002	0,010	0,080	FALSE
-0,048	0,303	-0,001	0,010	0,026	FALSE
-0,093	0,297	-0,003	0,011	0,097	FALSE
0,041	0,318	0,002	0,013	0,047	FALSE
-0,053	0,302	-0,002	0,012	0,064	FALSE
0,119	0,322	0,004	0,012	0,123	FALSE
0,034	0,304	0,001	0,011	0,049	FALSE
0,014	0,296	0,001	0,009	0,047	FALSE
-0,156	0,302	-0,005	0,009	0,219	FALSE
0,107	0,293	0,005	0,010	0,203	FALSE
-0,142	0,325	-0,005	0,011	0,194	FALSE
-0,047	0,297	-0,001	0,010	0,049	FALSE
-0,044	0,307	-0,002	0,007	0,088	FALSE
-0,059	0,303	-0,003	0,010	0,104	FALSE
0,075	0,308	0,003	0,011	0,114	FALSE
-0,058	0,318	-0,001	0,007	0,056	FALSE
-0,092	0,320	-0,002	0,008	0,100	FALSE
-0,052	0,308	-0,001	0,008	0,045	FALSE
0,070	0,308	0,003	0,011	0,103	FALSE
0,055	0,312	0,002	0,012	0,063	FALSE
-0,185	0,306	-0,008	0,012	0,292	FALSE
0,098	0,309	0,004	0,012	0,127	FALSE
0,015	0,300	0,000	0,013	0,001	FALSE
-0,127	0,307	-0,006	0,012	0,200	FALSE
0,082	0,307	0,003	0,011	0,117	FALSE
-0,057	0,322	-0,001	0,008	0,061	FALSE
0,109	0,308	0,003	0,008	0,161	FALSE
0,049	0,306	0,001	0,006	0,078	FALSE
0,010	0,298	0,000	0,011	0,007	FALSE
0,142	0,293	0,005	0,011	0,183	FALSE
-0,144	0,305	-0,005	0,011	0,214	FALSE
-0,007	0,310	0,000	0,012	0,006	FALSE
0,109	0,306	0,005	0,010	0,184	FALSE
0,030	0,308	0,001	0,008	0,036	FALSE
-0,058	0,321	-0,002	0,011	0,057	FALSE
-0,048	0,310	-0,001	0,011	0,050	FALSE
0,025	0,308	0,001	0,008	0,028	FALSE
0,047	0,306	0,002	0,007	0,078	FALSE
0,088	0,310	0,003	0,009	0,127	FALSE
0,006	0,302	0,000	0,012	0,003	FALSE
0,022	0,298	0,001	0,011	0,040	FALSE

-0,041	0,313	-0,001	0,009	0,054	FALSE
-0,008	0,316	0,000	0,012	0,001	FALSE
-0,053	0,312	-0,002	0,008	0,081	FALSE
0,069	0,312	0,003	0,013	0,098	FALSE
0,032	0,312	0,001	0,011	0,040	FALSE
-0,115	0,313	-0,003	0,009	0,154	FALSE
-0,140	0,313	-0,004	0,007	0,203	FALSE
-0,039	0,303	-0,001	0,010	0,035	FALSE
-0,028	0,301	0,000	0,007	0,003	FALSE
-0,032	0,301	-0,001	0,011	0,044	FALSE
-0,017	0,307	0,000	0,011	0,015	FALSE
0,024	0,306	0,001	0,008	0,023	FALSE
0,001	0,318	0,000	0,012	0,010	FALSE
-0,141	0,308	-0,005	0,009	0,250	FALSE
-0,044	0,317	-0,002	0,009	0,076	FALSE
0,069	0,305	0,002	0,013	0,073	FALSE
0,090	0,305	0,002	0,006	0,147	FALSE
0,015	0,294	0,001	0,011	0,022	FALSE
0,052	0,306	0,001	0,007	0,059	FALSE
0,013	0,311	0,000	0,007	0,008	FALSE
0,011	0,321	0,001	0,012	0,022	FALSE
-0,148	0,306	-0,004	0,008	0,187	FALSE
0,027	0,290	0,001	0,008	0,056	FALSE
0,121	0,317	0,003	0,008	0,171	FALSE
0,043	0,284	0,002	0,010	0,058	FALSE
-0,059	0,301	-0,002	0,008	0,103	FALSE
0,141	0,299	0,004	0,007	0,211	FALSE
0,165	0,306	0,006	0,013	0,207	FALSE
0,138	0,298	0,005	0,012	0,171	FALSE
-0,094	0,300	-0,003	0,009	0,114	FALSE
-0,069	0,301	-0,002	0,012	0,075	FALSE
0,041	0,310	0,001	0,011	0,017	FALSE
-0,065	0,315	-0,003	0,013	0,090	FALSE
0,122	0,333	0,003	0,008	0,127	FALSE
0,037	0,300	0,000	0,010	0,008	FALSE
-0,013	0,291	-0,002	0,012	0,068	FALSE
0,070	0,303	0,002	0,008	0,075	FALSE
-0,036	0,305	-0,001	0,011	0,044	FALSE
-0,073	0,305	-0,001	0,007	0,076	FALSE
-0,101	0,296	-0,003	0,009	0,116	FALSE
-0,055	0,304	-0,001	0,007	0,064	FALSE
0,125	0,309	0,004	0,009	0,206	FALSE
-0,126	0,305	-0,004	0,011	0,143	FALSE
0,030	0,314	0,001	0,011	0,048	FALSE
-0,065	0,297	-0,002	0,012	0,068	FALSE
-0,057	0,310	-0,001	0,008	0,029	FALSE
-0,093	0,308	-0,004	0,012	0,123	FALSE
-0,030	0,317	-0,001	0,010	0,033	FALSE
-0,070	0,302	-0,003	0,012	0,092	FALSE
-0,043	0,311	-0,001	0,011	0,051	FALSE
-0,087	0,307	-0,003	0,010	0,138	FALSE
0,110	0,307	0,003	0,008	0,165	FALSE
0,045	0,312	0,001	0,011	0,033	FALSE

-0,044	0,317	-0,002	0,011	0,061	FALSE
-0,186	0,296	-0,005	0,008	0,279	FALSE
-0,006	0,321	-0,001	0,013	0,015	FALSE
-0,125	0,307	-0,005	0,009	0,215	FALSE
0,072	0,294	0,004	0,011	0,136	FALSE
0,086	0,304	0,004	0,012	0,152	FALSE
0,078	0,290	0,002	0,010	0,089	FALSE
0,052	0,312	0,002	0,012	0,068	FALSE
0,052	0,302	0,002	0,012	0,059	FALSE
-0,038	0,293	-0,001	0,010	0,030	FALSE
-0,009	0,308	0,000	0,006	0,019	FALSE
-0,081	0,313	-0,002	0,007	0,095	FALSE
0,048	0,315	0,002	0,012	0,072	FALSE
-0,046	0,302	-0,001	0,010	0,033	FALSE
-0,033	0,307	0,000	0,006	0,011	FALSE
0,089	0,302	0,002	0,008	0,099	FALSE
-0,042	0,300	0,000	0,007	0,019	FALSE
-0,021	0,295	-0,001	0,013	0,025	FALSE
-0,051	0,313	-0,001	0,009	0,042	FALSE
-0,045	0,305	-0,001	0,009	0,028	FALSE
0,034	0,296	0,001	0,012	0,036	FALSE
0,026	0,307	0,001	0,012	0,017	FALSE
0,046	0,308	0,002	0,013	0,048	FALSE
0,025	0,301	0,001	0,013	0,042	FALSE
0,012	0,308	0,000	0,013	0,010	FALSE
0,064	0,298	0,003	0,009	0,113	FALSE
0,028	0,319	0,002	0,012	0,052	FALSE
-0,004	0,316	0,000	0,012	0,011	FALSE
-0,039	0,308	-0,001	0,006	0,061	FALSE
0,036	0,316	0,001	0,009	0,028	FALSE
-0,066	0,303	-0,001	0,006	0,054	FALSE
0,079	0,303	0,003	0,009	0,107	FALSE
-0,030	0,306	-0,001	0,010	0,028	FALSE
-0,020	0,300	0,000	0,010	0,013	FALSE
-0,004	0,309	0,000	0,008	0,008	FALSE
-0,104	0,302	-0,003	0,007	0,146	FALSE
0,010	0,324	0,001	0,009	0,033	FALSE
-0,001	0,310	0,000	0,012	0,009	FALSE
0,076	0,306	0,002	0,009	0,094	FALSE
-0,124	0,310	-0,003	0,007	0,164	FALSE
-0,064	0,315	-0,001	0,008	0,047	FALSE
-0,057	0,312	-0,001	0,008	0,042	FALSE
-0,008	0,302	0,000	0,013	0,006	FALSE
0,148	0,284	0,003	0,006	0,256	FALSE
-0,042	0,316	-0,001	0,008	0,044	FALSE
0,001	0,311	0,000	0,006	0,001	FALSE
0,135	0,306	0,004	0,009	0,182	FALSE
0,007	0,299	0,000	0,010	0,005	FALSE
-0,010	0,309	0,000	0,012	0,008	FALSE
0,000	0,317	0,001	0,012	0,015	FALSE
0,030	0,310	0,001	0,007	0,043	FALSE
-0,001	0,301	0,000	0,007	0,011	FALSE
-0,028	0,308	-0,001	0,012	0,030	FALSE

-0,055	0,311	-0,003	0,012	0,080	FALSE
-0,032	0,303	-0,001	0,009	0,037	FALSE
-0,015	0,309	-0,001	0,007	0,048	FALSE
-0,077	0,311	-0,002	0,007	0,113	FALSE
0,008	0,315	0,000	0,007	0,010	FALSE
0,044	0,293	0,001	0,006	0,047	FALSE
-0,047	0,305	-0,001	0,008	0,026	FALSE
-0,089	0,316	-0,004	0,013	0,125	FALSE
0,114	0,308	0,004	0,013	0,125	FALSE
-0,099	0,300	-0,003	0,008	0,141	FALSE
0,043	0,304	0,002	0,008	0,096	FALSE
-0,081	0,299	-0,003	0,011	0,126	FALSE
0,107	0,304	0,003	0,009	0,123	FALSE
-0,061	0,300	-0,002	0,008	0,073	FALSE
0,137	0,294	0,003	0,008	0,169	FALSE
-0,137	0,297	-0,005	0,010	0,194	FALSE
-0,148	0,296	-0,005	0,010	0,213	FALSE
-0,141	0,287	-0,005	0,010	0,233	FALSE
-0,009	0,310	0,000	0,009	0,018	FALSE
0,056	0,308	0,003	0,012	0,087	FALSE
0,064	0,306	0,001	0,007	0,078	FALSE
-0,006	0,292	0,000	0,011	0,006	FALSE
0,014	0,300	0,000	0,006	0,001	FALSE
-0,044	0,305	-0,001	0,006	0,061	FALSE
-0,084	0,311	-0,002	0,007	0,117	FALSE
0,078	0,312	0,003	0,012	0,101	FALSE
0,151	0,295	0,006	0,012	0,216	FALSE
-0,046	0,300	-0,001	0,009	0,051	FALSE
-0,080	0,303	-0,002	0,006	0,102	FALSE
-0,004	0,318	0,000	0,012	0,004	FALSE
0,011	0,304	0,001	0,012	0,016	FALSE
-0,084	0,318	-0,004	0,012	0,114	FALSE
0,073	0,286	0,003	0,008	0,136	FALSE
-0,001	0,313	0,000	0,012	0,009	FALSE
0,123	0,304	0,004	0,009	0,193	FALSE
0,060	0,285	0,001	0,008	0,055	FALSE
0,021	0,300	0,001	0,010	0,020	FALSE
-0,088	0,316	-0,002	0,007	0,111	FALSE
0,134	0,310	0,004	0,010	0,180	FALSE
0,111	0,295	0,006	0,012	0,189	FALSE
0,235	0,305	0,005	0,007	0,373	FALSE
0,108	0,294	0,004	0,009	0,172	FALSE
0,223	0,287	0,005	0,007	0,329	FALSE
-0,073	0,307	-0,002	0,007	0,128	FALSE
0,064	0,293	0,002	0,007	0,133	FALSE
-0,112	0,310	-0,002	0,007	0,134	FALSE
-0,021	0,314	-0,001	0,008	0,031	FALSE
0,020	0,308	0,000	0,007	0,005	FALSE
0,053	0,296	0,002	0,008	0,093	FALSE
0,042	0,320	0,002	0,008	0,082	FALSE
-0,031	0,295	-0,001	0,007	0,037	FALSE
0,001	0,319	0,000	0,007	0,008	FALSE
-0,044	0,299	-0,001	0,006	0,032	FALSE

0,001	0,299	-0,001	0,010	0,039	FALSE
-0,025	0,300	-0,001	0,012	0,033	FALSE
-0,023	0,298	-0,001	0,008	0,033	FALSE
0,028	0,302	0,000	0,006	0,019	FALSE
0,038	0,311	0,001	0,012	0,043	FALSE
-0,012	0,306	0,000	0,007	0,016	FALSE
0,040	0,303	0,001	0,007	0,036	FALSE
-0,201	0,293	-0,006	0,008	0,312	FALSE
-0,028	0,297	0,000	0,007	0,008	FALSE
-0,030	0,306	-0,001	0,006	0,068	FALSE
-0,064	0,307	-0,001	0,007	0,045	FALSE
-0,064	0,300	-0,002	0,008	0,084	FALSE
0,084	0,313	0,002	0,008	0,125	FALSE
0,028	0,314	0,001	0,007	0,052	FALSE
0,072	0,311	0,002	0,008	0,090	FALSE
-0,032	0,314	-0,001	0,010	0,034	FALSE
0,086	0,312	0,002	0,008	0,101	FALSE
0,007	0,305	0,000	0,009	0,012	FALSE
0,033	0,312	0,001	0,011	0,047	FALSE
-0,001	0,298	0,000	0,011	0,002	FALSE
-0,143	0,312	-0,003	0,007	0,163	FALSE
0,070	0,305	0,001	0,007	0,060	FALSE
0,026	0,319	0,000	0,009	0,018	FALSE
-0,057	0,311	-0,002	0,009	0,061	FALSE
-0,183	0,297	-0,006	0,011	0,255	FALSE
0,051	0,308	0,002	0,007	0,086	FALSE
0,084	0,296	0,002	0,007	0,112	FALSE
-0,021	0,296	-0,001	0,012	0,028	FALSE
0,024	0,310	0,000	0,009	0,015	FALSE
0,183	0,287	0,008	0,013	0,283	FALSE
0,118	0,296	0,006	0,012	0,186	FALSE
-0,044	0,309	-0,001	0,007	0,055	FALSE
0,063	0,307	0,003	0,009	0,110	FALSE
-0,006	0,318	0,000	0,008	0,006	FALSE
0,020	0,304	0,001	0,012	0,040	FALSE
-0,052	0,320	-0,001	0,008	0,067	FALSE
-0,113	0,305	-0,003	0,008	0,167	FALSE
0,017	0,314	0,000	0,010	0,017	FALSE
0,008	0,307	0,000	0,010	0,015	FALSE
0,012	0,301	0,000	0,006	0,024	FALSE
-0,021	0,297	-0,001	0,007	0,026	FALSE
-0,003	0,310	0,000	0,012	0,002	FALSE
-0,055	0,304	-0,001	0,010	0,042	FALSE
0,051	0,311	0,002	0,012	0,069	FALSE
-0,033	0,298	-0,001	0,008	0,038	FALSE
0,100	0,282	0,005	0,011	0,194	FALSE
0,007	0,305	-0,001	0,007	0,048	FALSE
0,056	0,311	0,003	0,011	0,092	FALSE
0,026	0,317	0,000	0,010	0,003	FALSE
-0,089	0,299	-0,002	0,008	0,109	FALSE
-0,091	0,306	-0,002	0,008	0,115	FALSE
0,138	0,302	0,004	0,007	0,218	FALSE
-0,044	0,303	-0,002	0,011	0,057	FALSE

0,112	0,318	0,004	0,012	0,144	FALSE
0,148	0,289	0,003	0,006	0,200	FALSE
-0,124	0,306	-0,005	0,011	0,173	FALSE
-0,116	0,300	-0,005	0,012	0,154	FALSE
-0,041	0,304	-0,001	0,009	0,028	FALSE
-0,031	0,318	-0,001	0,007	0,068	FALSE
-0,107	0,304	-0,002	0,007	0,101	FALSE
0,021	0,301	0,001	0,010	0,034	FALSE
0,027	0,309	0,002	0,012	0,049	FALSE
-0,081	0,313	-0,002	0,008	0,124	FALSE
-0,072	0,308	-0,002	0,007	0,096	FALSE
0,076	0,293	0,002	0,011	0,079	FALSE
-0,115	0,307	-0,003	0,010	0,144	FALSE
-0,021	0,313	-0,001	0,012	0,032	FALSE
-0,001	0,298	0,000	0,012	0,010	FALSE
0,019	0,300	0,001	0,012	0,035	FALSE
-0,025	0,304	0,000	0,012	0,013	FALSE
0,010	0,307	0,000	0,011	0,005	FALSE
0,079	0,316	0,002	0,009	0,094	FALSE
0,083	0,311	0,002	0,009	0,106	FALSE
0,060	0,301	0,002	0,012	0,052	FALSE
-0,091	0,315	-0,003	0,012	0,094	FALSE
0,102	0,297	0,005	0,012	0,156	FALSE
0,025	0,299	0,001	0,007	0,041	FALSE
0,059	0,305	0,002	0,008	0,087	FALSE
0,053	0,318	0,002	0,010	0,069	FALSE
0,082	0,299	0,002	0,010	0,074	FALSE
0,100	0,297	0,002	0,006	0,109	FALSE
0,132	0,310	0,003	0,007	0,141	FALSE
0,037	0,307	0,001	0,007	0,035	FALSE
0,090	0,301	0,002	0,007	0,094	FALSE
-0,173	0,290	-0,003	0,006	0,216	FALSE
0,075	0,307	0,002	0,008	0,076	FALSE
-0,021	0,306	0,000	0,012	0,014	FALSE
-0,016	0,298	0,000	0,011	0,015	FALSE
0,071	0,303	0,003	0,010	0,101	FALSE
-0,100	0,306	-0,004	0,009	0,158	FALSE
0,098	0,298	0,002	0,007	0,145	FALSE
0,033	0,297	0,002	0,009	0,069	FALSE
0,117	0,304	0,003	0,008	0,126	FALSE
-0,059	0,311	-0,001	0,010	0,053	FALSE
0,022	0,315	0,001	0,008	0,033	FALSE
0,081	0,298	0,002	0,006	0,134	FALSE
0,038	0,299	0,001	0,011	0,035	FALSE
0,059	0,306	0,001	0,007	0,080	FALSE
-0,070	0,303	-0,004	0,011	0,145	FALSE
0,082	0,284	0,002	0,011	0,055	FALSE
-0,038	0,293	-0,002	0,012	0,053	FALSE
-0,007	0,321	0,000	0,010	0,013	FALSE
-0,046	0,307	-0,002	0,009	0,075	FALSE
0,020	0,300	0,001	0,008	0,027	FALSE
-0,054	0,297	-0,001	0,006	0,045	FALSE
0,011	0,308	0,000	0,007	0,019	FALSE

-0,074	0,292	-0,004	0,012	0,125	FALSE
0,124	0,322	0,004	0,010	0,152	FALSE
0,015	0,297	0,000	0,009	0,007	FALSE
-0,073	0,316	-0,003	0,011	0,116	FALSE
0,002	0,303	0,000	0,006	0,024	FALSE
-0,031	0,302	-0,001	0,006	0,051	FALSE
0,026	0,300	0,002	0,010	0,076	FALSE
-0,094	0,301	-0,002	0,007	0,132	FALSE
-0,112	0,303	-0,003	0,008	0,133	FALSE
-0,008	0,315	0,000	0,007	0,023	FALSE
0,096	0,296	0,003	0,008	0,144	FALSE
0,028	0,320	0,001	0,008	0,042	FALSE
0,039	0,323	0,001	0,009	0,056	FALSE
0,062	0,307	0,002	0,008	0,093	FALSE
0,105	0,297	0,004	0,012	0,117	FALSE
-0,110	0,301	-0,003	0,007	0,147	FALSE
-0,085	0,295	-0,002	0,007	0,119	FALSE
-0,027	0,315	-0,001	0,010	0,042	FALSE
-0,005	0,317	0,000	0,008	0,002	FALSE
-0,030	0,313	-0,001	0,008	0,029	FALSE
0,022	0,304	0,001	0,008	0,028	FALSE
0,050	0,309	0,001	0,006	0,044	FALSE
0,076	0,309	0,003	0,012	0,080	FALSE
0,122	0,320	0,002	0,006	0,145	FALSE
-0,078	0,318	-0,001	0,007	0,082	FALSE
0,084	0,318	0,002	0,008	0,113	FALSE
-0,045	0,310	-0,001	0,008	0,058	FALSE
-0,148	0,299	-0,006	0,010	0,255	FALSE
-0,053	0,303	-0,002	0,007	0,107	FALSE
-0,080	0,301	-0,002	0,007	0,111	FALSE
0,238	0,290	0,006	0,008	0,399	FALSE
0,001	0,324	0,000	0,009	0,017	FALSE
-0,099	0,303	-0,002	0,006	0,134	FALSE
0,003	0,293	0,000	0,007	0,020	FALSE
-0,122	0,326	-0,003	0,008	0,139	FALSE
0,155	0,288	0,006	0,011	0,241	FALSE
0,031	0,312	0,001	0,012	0,045	FALSE
-0,033	0,294	-0,002	0,008	0,077	FALSE
0,038	0,291	0,001	0,006	0,054	FALSE
0,039	0,311	0,000	0,012	0,005	FALSE
-0,014	0,321	0,000	0,011	0,004	FALSE
-0,056	0,300	-0,002	0,008	0,078	FALSE
-0,105	0,317	-0,004	0,012	0,129	FALSE
-0,106	0,316	-0,003	0,007	0,170	FALSE
-0,123	0,290	-0,004	0,012	0,150	FALSE
-0,125	0,292	-0,004	0,012	0,151	FALSE
0,011	0,312	0,000	0,006	0,017	FALSE
-0,052	0,301	-0,001	0,007	0,067	FALSE
-0,105	0,305	-0,003	0,009	0,118	FALSE
-0,044	0,305	-0,001	0,009	0,058	FALSE
-0,003	0,309	0,000	0,008	0,007	FALSE
0,026	0,312	0,001	0,013	0,029	FALSE
-0,061	0,310	-0,001	0,006	0,054	FALSE

-0,020	0,313	0,000	0,006	0,017	FALSE
0,035	0,312	0,001	0,007	0,066	FALSE
-0,032	0,298	0,000	0,008	0,021	FALSE
-0,051	0,293	-0,001	0,007	0,081	FALSE
-0,036	0,304	-0,001	0,011	0,032	FALSE
0,091	0,306	0,002	0,007	0,127	FALSE
-0,074	0,312	-0,002	0,010	0,063	FALSE
0,014	0,312	0,000	0,013	0,001	FALSE
0,009	0,315	0,001	0,013	0,029	FALSE
0,039	0,297	0,001	0,011	0,030	FALSE
0,069	0,314	0,002	0,011	0,057	FALSE
0,039	0,297	0,002	0,011	0,052	FALSE
-0,033	0,314	-0,001	0,013	0,028	FALSE
0,039	0,299	0,001	0,012	0,040	FALSE
0,030	0,307	0,002	0,012	0,049	FALSE
-0,016	0,313	0,000	0,007	0,011	FALSE
0,131	0,299	0,003	0,006	0,222	FALSE
-0,063	0,310	-0,001	0,008	0,069	FALSE
0,009	0,298	0,001	0,008	0,038	FALSE
0,104	0,306	0,004	0,010	0,176	FALSE
-0,035	0,316	-0,001	0,010	0,029	FALSE
0,067	0,296	0,002	0,009	0,101	FALSE
-0,083	0,308	-0,002	0,008	0,074	FALSE
-0,027	0,310	-0,001	0,007	0,025	FALSE
-0,160	0,305	-0,004	0,007	0,206	FALSE
-0,048	0,305	-0,001	0,006	0,062	FALSE
-0,042	0,298	-0,002	0,012	0,047	FALSE
-0,096	0,311	-0,003	0,010	0,119	FALSE
-0,085	0,303	-0,003	0,013	0,102	FALSE
-0,005	0,315	0,000	0,010	0,007	FALSE
-0,070	0,316	-0,001	0,007	0,065	FALSE
-0,018	0,318	-0,001	0,012	0,040	FALSE
-0,084	0,320	-0,003	0,010	0,114	FALSE
0,203	0,293	0,005	0,008	0,303	FALSE
-0,059	0,305	-0,001	0,008	0,060	FALSE
0,005	0,316	0,000	0,006	0,020	TRUE
-0,023	0,302	0,000	0,011	0,002	FALSE
-0,045	0,305	-0,002	0,012	0,070	FALSE
0,126	0,308	0,002	0,009	0,111	FALSE
0,024	0,310	0,001	0,012	0,043	FALSE
-0,091	0,296	-0,003	0,009	0,152	FALSE
0,172	0,303	0,008	0,013	0,267	FALSE
-0,018	0,293	0,000	0,008	0,020	FALSE
-0,007	0,292	0,000	0,008	0,013	FALSE
0,003	0,313	0,000	0,007	0,005	FALSE
0,040	0,301	0,001	0,010	0,046	FALSE
0,024	0,310	0,001	0,013	0,034	FALSE
-0,096	0,286	-0,002	0,008	0,108	FALSE
0,057	0,312	0,001	0,008	0,071	FALSE
-0,137	0,285	-0,007	0,011	0,249	FALSE
-0,065	0,314	-0,001	0,007	0,070	FALSE
-0,059	0,303	-0,002	0,010	0,062	FALSE
0,010	0,303	0,001	0,011	0,033	FALSE

0,005	0,307	0,000	0,006	0,009	FALSE
0,120	0,305	0,005	0,012	0,189	FALSE
-0,117	0,321	-0,003	0,008	0,167	FALSE
0,142	0,284	0,005	0,010	0,207	FALSE
-0,012	0,315	0,000	0,006	0,004	FALSE
0,007	0,311	0,000	0,011	0,008	FALSE
0,027	0,321	0,000	0,007	0,000	FALSE
0,046	0,308	0,002	0,011	0,064	FALSE
-0,080	0,291	-0,003	0,010	0,102	FALSE
0,030	0,309	0,000	0,008	0,005	FALSE
-0,080	0,299	-0,001	0,007	0,085	FALSE
-0,039	0,300	-0,002	0,010	0,093	FALSE
0,061	0,305	0,003	0,012	0,094	FALSE
-0,104	0,320	-0,003	0,008	0,152	FALSE
0,022	0,327	0,000	0,009	0,020	FALSE
-0,057	0,307	-0,003	0,012	0,096	FALSE
-0,084	0,305	-0,004	0,012	0,135	FALSE
-0,063	0,293	-0,003	0,012	0,111	FALSE
-0,130	0,305	-0,003	0,009	0,159	FALSE
0,000	0,312	0,001	0,010	0,019	FALSE
0,009	0,322	0,000	0,011	0,012	FALSE
0,008	0,296	0,000	0,008	0,020	FALSE
-0,051	0,318	-0,001	0,008	0,056	FALSE
-0,062	0,317	-0,004	0,013	0,105	FALSE
0,055	0,298	0,003	0,010	0,093	FALSE
0,061	0,298	0,002	0,012	0,072	FALSE
-0,021	0,312	-0,001	0,008	0,036	FALSE
-0,100	0,307	-0,003	0,009	0,138	FALSE
-0,042	0,292	0,000	0,006	0,026	FALSE
0,132	0,300	0,005	0,012	0,192	FALSE
0,102	0,304	0,004	0,012	0,136	FALSE
0,068	0,288	0,002	0,009	0,091	FALSE
-0,004	0,304	-0,001	0,007	0,029	FALSE
-0,120	0,293	-0,003	0,006	0,167	FALSE
0,001	0,315	0,000	0,012	0,005	FALSE
-0,085	0,296	-0,003	0,012	0,099	FALSE
0,000	0,309	0,000	0,008	0,020	FALSE
0,040	0,288	0,001	0,008	0,029	FALSE
0,016	0,306	0,000	0,007	0,006	FALSE
-0,017	0,310	0,000	0,010	0,013	FALSE
-0,008	0,315	0,001	0,011	0,017	FALSE
-0,032	0,316	-0,001	0,012	0,020	FALSE
0,071	0,304	0,003	0,010	0,102	FALSE
-0,104	0,310	-0,002	0,008	0,117	FALSE
-0,104	0,309	-0,002	0,008	0,110	FALSE
-0,134	0,314	-0,003	0,008	0,154	FALSE
-0,026	0,310	0,000	0,009	0,013	FALSE
-0,065	0,312	-0,003	0,009	0,114	FALSE
-0,137	0,301	-0,005	0,011	0,208	FALSE
0,033	0,308	0,001	0,007	0,047	FALSE
-0,108	0,308	-0,002	0,006	0,101	FALSE
0,092	0,292	0,002	0,007	0,136	FALSE
0,071	0,306	0,001	0,007	0,060	FALSE

-0,063	0,295	-0,002	0,012	0,065	FALSE
-0,128	0,304	-0,004	0,008	0,192	FALSE
0,068	0,297	0,002	0,009	0,099	FALSE
0,004	0,317	0,001	0,007	0,026	FALSE
0,020	0,298	0,001	0,009	0,032	FALSE
-0,011	0,290	0,000	0,007	0,018	FALSE
-0,006	0,330	0,000	0,012	0,001	FALSE
0,061	0,306	0,001	0,009	0,053	FALSE
-0,026	0,294	-0,001	0,008	0,056	FALSE
-0,037	0,310	-0,001	0,006	0,062	FALSE
0,098	0,302	0,003	0,007	0,155	FALSE
0,184	0,275	0,005	0,009	0,283	FALSE
0,092	0,301	0,002	0,006	0,163	FALSE
0,007	0,311	0,000	0,009	0,007	FALSE
-0,122	0,304	-0,005	0,012	0,171	FALSE
0,040	0,306	0,002	0,012	0,053	FALSE
0,052	0,304	0,001	0,010	0,051	FALSE
0,089	0,305	0,002	0,008	0,117	FALSE
0,053	0,288	0,002	0,007	0,134	FALSE
-0,060	0,319	-0,001	0,007	0,085	FALSE
-0,044	0,314	-0,002	0,013	0,046	FALSE
0,016	0,315	0,000	0,013	0,011	FALSE
0,032	0,305	0,001	0,011	0,044	FALSE
0,001	0,301	0,000	0,006	0,024	FALSE
-0,124	0,303	-0,003	0,007	0,173	FALSE
-0,118	0,322	-0,003	0,007	0,157	FALSE
0,016	0,310	0,000	0,008	0,006	FALSE
-0,032	0,310	-0,001	0,010	0,024	FALSE
0,005	0,310	0,000	0,009	0,003	FALSE
-0,074	0,293	-0,001	0,006	0,084	FALSE
-0,153	0,303	-0,006	0,011	0,253	FALSE
0,043	0,308	0,001	0,009	0,062	FALSE
-0,091	0,287	-0,003	0,011	0,122	FALSE
0,034	0,306	0,000	0,013	0,010	FALSE
0,059	0,305	0,002	0,012	0,080	FALSE
-0,030	0,319	-0,001	0,012	0,017	FALSE
-0,077	0,301	-0,002	0,007	0,104	FALSE
0,139	0,281	0,005	0,008	0,247	FALSE
0,002	0,286	0,001	0,007	0,032	FALSE
-0,045	0,314	0,000	0,010	0,009	FALSE
-0,046	0,312	-0,001	0,011	0,047	FALSE
-0,019	0,309	0,000	0,008	0,020	FALSE
0,073	0,299	0,002	0,011	0,078	FALSE
-0,070	0,317	-0,002	0,010	0,087	FALSE
0,106	0,315	0,003	0,007	0,139	FALSE
-0,033	0,304	-0,002	0,007	0,081	FALSE
0,017	0,309	0,000	0,009	0,012	FALSE
-0,062	0,313	-0,003	0,013	0,088	FALSE
-0,103	0,291	-0,003	0,008	0,154	FALSE
-0,006	0,316	0,000	0,011	0,001	FALSE
0,066	0,310	0,002	0,007	0,111	FALSE
-0,093	0,311	-0,002	0,011	0,081	FALSE
-0,093	0,309	-0,005	0,011	0,167	FALSE

0,127	0,314	0,003	0,009	0,146	FALSE
0,143	0,315	0,005	0,009	0,210	FALSE
0,085	0,306	0,002	0,007	0,096	FALSE
-0,067	0,308	-0,001	0,009	0,048	FALSE
0,052	0,310	0,002	0,009	0,066	FALSE
-0,081	0,297	-0,002	0,007	0,099	FALSE
0,023	0,314	0,001	0,008	0,052	FALSE
-0,032	0,309	-0,002	0,012	0,061	FALSE
0,037	0,317	0,002	0,012	0,054	FALSE
0,179	0,309	0,004	0,006	0,286	FALSE
-0,049	0,312	-0,002	0,010	0,055	FALSE
0,110	0,301	0,005	0,012	0,174	FALSE
0,004	0,300	-0,001	0,011	0,021	FALSE
0,040	0,324	0,001	0,007	0,037	FALSE
0,026	0,310	0,001	0,010	0,025	FALSE
0,146	0,302	0,004	0,008	0,189	FALSE
-0,120	0,316	-0,003	0,008	0,167	FALSE
0,090	0,305	0,004	0,012	0,120	FALSE
0,010	0,304	0,000	0,006	0,023	FALSE
-0,050	0,302	-0,002	0,008	0,083	FALSE
-0,064	0,309	-0,003	0,011	0,116	FALSE
0,022	0,309	0,002	0,013	0,070	FALSE
-0,031	0,315	-0,001	0,007	0,033	FALSE
0,047	0,311	0,001	0,007	0,052	FALSE
-0,069	0,306	-0,003	0,012	0,098	FALSE
-0,117	0,305	-0,004	0,010	0,173	FALSE
0,069	0,313	0,001	0,008	0,069	FALSE
0,126	0,300	0,003	0,006	0,178	FALSE
-0,002	0,298	0,000	0,007	0,002	FALSE
-0,015	0,298	0,000	0,011	0,011	FALSE
-0,056	0,318	-0,001	0,010	0,048	FALSE
-0,021	0,303	0,000	0,007	0,003	FALSE
-0,043	0,297	-0,001	0,008	0,061	FALSE
-0,021	0,308	-0,001	0,012	0,020	FALSE
0,093	0,309	0,002	0,006	0,119	FALSE
-0,120	0,301	-0,002	0,007	0,129	FALSE
-0,086	0,312	-0,004	0,013	0,107	FALSE
-0,125	0,299	-0,005	0,011	0,192	FALSE
0,097	0,317	0,004	0,011	0,148	FALSE
0,004	0,310	0,001	0,012	0,029	FALSE
0,021	0,307	0,002	0,011	0,071	FALSE
-0,069	0,316	-0,003	0,012	0,111	FALSE
-0,088	0,308	-0,003	0,010	0,094	FALSE
-0,110	0,302	-0,003	0,008	0,153	FALSE
-0,023	0,302	0,000	0,013	0,001	FALSE
0,033	0,320	0,001	0,010	0,036	FALSE
0,095	0,302	0,004	0,011	0,130	FALSE
-0,068	0,311	-0,003	0,011	0,102	FALSE
0,069	0,300	0,002	0,008	0,072	FALSE
0,128	0,310	0,003	0,008	0,169	FALSE
-0,017	0,312	-0,001	0,008	0,033	FALSE
0,114	0,290	0,005	0,012	0,161	FALSE
-0,086	0,304	-0,003	0,009	0,141	FALSE

-0,096	0,288	-0,003	0,009	0,128	FALSE
-0,053	0,308	-0,002	0,008	0,075	FALSE
-0,008	0,315	0,000	0,007	0,023	FALSE
-0,025	0,306	-0,001	0,008	0,026	FALSE
0,028	0,293	0,001	0,012	0,030	FALSE
-0,062	0,319	-0,002	0,010	0,073	FALSE
-0,097	0,311	-0,002	0,008	0,118	FALSE
-0,121	0,308	-0,004	0,010	0,164	FALSE
0,050	0,320	0,002	0,013	0,054	FALSE
-0,012	0,308	0,000	0,009	0,009	FALSE
0,074	0,306	0,002	0,009	0,079	FALSE
0,042	0,312	0,001	0,006	0,061	FALSE
-0,116	0,306	-0,006	0,012	0,200	FALSE
0,047	0,305	0,001	0,007	0,029	FALSE
-0,105	0,305	-0,003	0,007	0,161	FALSE
0,056	0,308	0,003	0,011	0,090	FALSE
0,177	0,310	0,005	0,009	0,214	FALSE
0,115	0,307	0,005	0,012	0,161	FALSE
-0,013	0,304	0,001	0,012	0,021	FALSE
-0,057	0,300	-0,002	0,012	0,075	FALSE
0,106	0,293	0,004	0,010	0,147	FALSE
-0,075	0,293	-0,004	0,012	0,145	FALSE
0,081	0,308	0,002	0,007	0,129	FALSE
-0,008	0,294	0,000	0,010	0,012	FALSE
-0,014	0,314	0,000	0,008	0,017	FALSE
0,038	0,308	0,002	0,012	0,044	FALSE
0,131	0,301	0,005	0,010	0,193	FALSE
-0,102	0,302	-0,003	0,007	0,148	FALSE
-0,080	0,307	-0,002	0,006	0,093	FALSE
0,152	0,302	0,005	0,009	0,212	FALSE
0,072	0,311	0,002	0,007	0,089	FALSE
0,069	0,305	0,002	0,011	0,071	FALSE
0,017	0,315	0,001	0,007	0,032	FALSE
0,035	0,316	0,001	0,013	0,039	FALSE
0,031	0,305	0,001	0,013	0,039	FALSE
0,078	0,309	0,002	0,008	0,110	FALSE
-0,012	0,310	0,000	0,006	0,027	FALSE
0,088	0,307	0,004	0,012	0,122	FALSE
0,133	0,298	0,003	0,006	0,211	FALSE
-0,050	0,320	-0,002	0,007	0,089	FALSE
0,074	0,309	0,002	0,013	0,052	FALSE
0,159	0,291	0,003	0,006	0,241	FALSE
-0,157	0,304	-0,005	0,010	0,210	FALSE
-0,099	0,299	-0,004	0,010	0,144	FALSE
-0,081	0,305	-0,004	0,012	0,117	FALSE
-0,017	0,303	-0,001	0,008	0,032	FALSE
-0,027	0,319	0,000	0,009	0,008	FALSE
-0,048	0,303	-0,001	0,007	0,070	FALSE
0,062	0,309	0,002	0,008	0,082	FALSE
-0,107	0,297	-0,002	0,006	0,138	FALSE
-0,021	0,321	-0,001	0,011	0,025	FALSE
0,050	0,319	0,001	0,010	0,045	FALSE
0,030	0,309	0,001	0,009	0,057	FALSE

-0,070	0,313	-0,001	0,007	0,079	FALSE
-0,117	0,309	-0,003	0,007	0,153	FALSE
-0,016	0,297	-0,001	0,008	0,023	FALSE
-0,002	0,306	0,000	0,008	0,018	FALSE
0,005	0,289	0,000	0,007	0,013	FALSE
-0,046	0,307	-0,003	0,012	0,090	FALSE
-0,034	0,312	-0,001	0,009	0,059	FALSE
-0,025	0,301	-0,001	0,007	0,037	FALSE
0,019	0,317	0,001	0,008	0,037	FALSE
-0,107	0,308	-0,003	0,009	0,145	FALSE
-0,075	0,312	-0,003	0,010	0,121	FALSE
-0,077	0,304	-0,002	0,007	0,080	FALSE
-0,089	0,302	-0,003	0,008	0,140	FALSE
-0,109	0,318	-0,002	0,008	0,117	FALSE
-0,010	0,313	0,000	0,007	0,013	FALSE
-0,039	0,306	-0,001	0,009	0,042	FALSE
-0,028	0,296	-0,001	0,009	0,054	FALSE
-0,003	0,311	0,000	0,006	0,008	FALSE
-0,207	0,307	-0,006	0,009	0,281	FALSE
-0,152	0,303	-0,005	0,010	0,228	FALSE
-0,007	0,306	0,000	0,009	0,009	FALSE
0,029	0,314	0,001	0,010	0,027	FALSE
-0,154	0,296	-0,007	0,013	0,242	FALSE
-0,192	0,297	-0,008	0,013	0,287	FALSE
-0,046	0,323	-0,001	0,013	0,021	FALSE
-0,038	0,305	-0,001	0,011	0,028	FALSE
0,058	0,298	0,002	0,008	0,097	FALSE
-0,109	0,288	-0,005	0,010	0,192	FALSE
-0,049	0,311	-0,001	0,007	0,063	FALSE
0,051	0,315	0,001	0,008	0,029	FALSE
-0,082	0,303	-0,002	0,010	0,097	FALSE
-0,064	0,303	-0,002	0,011	0,062	FALSE
-0,105	0,305	-0,003	0,010	0,124	FALSE
0,053	0,300	0,001	0,009	0,041	FALSE
-0,065	0,303	-0,003	0,011	0,100	FALSE
0,039	0,307	0,001	0,007	0,056	FALSE
0,036	0,309	0,002	0,011	0,066	FALSE
-0,032	0,321	-0,001	0,013	0,030	FALSE
-0,049	0,304	-0,002	0,012	0,058	FALSE
0,063	0,299	0,003	0,012	0,092	FALSE
-0,017	0,297	-0,001	0,012	0,044	FALSE
0,014	0,307	0,000	0,011	0,010	FALSE
-0,058	0,312	-0,003	0,012	0,106	FALSE
-0,146	0,303	-0,004	0,008	0,220	FALSE
-0,023	0,315	-0,001	0,007	0,029	FALSE
-0,007	0,297	0,000	0,007	0,022	FALSE
0,010	0,306	0,000	0,006	0,022	FALSE
0,018	0,306	0,001	0,008	0,029	FALSE
-0,020	0,304	0,000	0,008	0,016	FALSE
-0,047	0,310	-0,001	0,012	0,037	FALSE
-0,025	0,315	-0,002	0,013	0,046	FALSE
-0,005	0,316	0,000	0,006	0,009	FALSE
0,125	0,306	0,003	0,007	0,165	FALSE

-0,163	0,301	-0,007	0,012	0,236	FALSE
0,037	0,316	0,001	0,012	0,039	FALSE
0,038	0,304	0,001	0,008	0,036	FALSE
-0,065	0,296	-0,001	0,008	0,072	FALSE
-0,070	0,309	-0,002	0,008	0,076	FALSE
0,052	0,308	0,001	0,011	0,044	FALSE
-0,023	0,302	0,000	0,007	0,016	FALSE
0,054	0,300	0,001	0,009	0,030	FALSE
-0,005	0,297	0,000	0,007	0,001	FALSE
0,074	0,307	0,002	0,007	0,083	FALSE
0,022	0,306	0,000	0,012	0,012	FALSE
-0,044	0,302	0,000	0,007	0,025	FALSE
-0,082	0,306	-0,003	0,013	0,102	FALSE
-0,081	0,296	-0,002	0,012	0,075	FALSE
0,090	0,307	0,002	0,008	0,113	FALSE
0,194	0,309	0,007	0,011	0,268	FALSE
0,106	0,309	0,004	0,013	0,133	FALSE
-0,024	0,315	0,000	0,013	0,006	FALSE
-0,077	0,307	-0,001	0,007	0,069	FALSE
0,068	0,312	0,003	0,012	0,095	FALSE
0,000	0,303	0,002	0,012	0,048	FALSE
-0,085	0,287	-0,004	0,010	0,137	FALSE
0,026	0,306	0,001	0,012	0,034	FALSE
-0,021	0,296	-0,001	0,006	0,051	FALSE
-0,025	0,310	-0,002	0,008	0,073	FALSE
-0,055	0,308	-0,001	0,008	0,050	FALSE
-0,005	0,312	-0,001	0,007	0,038	FALSE
-0,057	0,299	-0,001	0,007	0,048	FALSE
-0,167	0,299	-0,005	0,009	0,233	FALSE
-0,103	0,292	-0,003	0,007	0,143	FALSE
0,121	0,304	0,004	0,008	0,191	FALSE
-0,042	0,316	-0,001	0,008	0,042	FALSE
-0,161	0,301	-0,004	0,008	0,245	FALSE
0,125	0,293	0,003	0,007	0,189	FALSE
0,001	0,308	0,000	0,007	0,012	FALSE
0,088	0,302	0,003	0,011	0,123	FALSE
0,130	0,294	0,005	0,009	0,229	FALSE
0,078	0,309	0,002	0,009	0,084	FALSE
-0,083	0,309	-0,001	0,007	0,077	FALSE
0,034	0,328	0,001	0,011	0,030	FALSE
0,031	0,316	0,000	0,007	0,022	FALSE
-0,091	0,306	-0,002	0,007	0,125	FALSE
-0,030	0,309	0,000	0,008	0,015	FALSE
0,098	0,312	0,004	0,011	0,149	FALSE
-0,034	0,310	-0,001	0,008	0,031	FALSE
-0,018	0,329	0,000	0,008	0,005	FALSE
0,036	0,318	0,002	0,009	0,068	FALSE
-0,152	0,301	-0,004	0,009	0,203	FALSE
-0,047	0,312	-0,002	0,012	0,052	FALSE
0,025	0,308	0,000	0,008	0,016	FALSE
-0,073	0,302	-0,002	0,007	0,087	FALSE
0,056	0,311	0,002	0,009	0,064	FALSE
-0,035	0,318	-0,002	0,009	0,072	FALSE

-0,019	0,298	-0,001	0,008	0,067	FALSE
-0,083	0,310	-0,002	0,012	0,067	FALSE
-0,106	0,319	-0,004	0,012	0,121	FALSE
-0,164	0,304	-0,005	0,009	0,243	FALSE
0,084	0,307	0,002	0,009	0,098	FALSE
0,136	0,293	0,004	0,010	0,189	FALSE
0,020	0,311	0,000	0,006	0,017	FALSE
0,003	0,307	0,000	0,007	0,013	FALSE
-0,071	0,294	-0,001	0,007	0,063	FALSE
0,015	0,306	0,000	0,006	0,007	FALSE
0,109	0,301	0,004	0,011	0,151	FALSE
0,107	0,299	0,003	0,008	0,137	FALSE
0,111	0,302	0,003	0,009	0,150	FALSE
0,079	0,298	0,002	0,009	0,100	FALSE
0,073	0,307	0,002	0,008	0,100	FALSE
0,119	0,313	0,002	0,008	0,117	FALSE
0,044	0,315	0,001	0,011	0,045	FALSE
-0,009	0,311	0,000	0,007	0,003	FALSE
0,021	0,318	0,000	0,007	0,008	FALSE
0,043	0,314	0,002	0,013	0,070	FALSE
0,010	0,311	-0,001	0,009	0,036	FALSE
0,063	0,294	0,004	0,011	0,126	FALSE
-0,057	0,298	-0,001	0,009	0,046	FALSE
-0,032	0,289	-0,002	0,012	0,064	FALSE
-0,067	0,296	-0,003	0,009	0,111	FALSE
-0,114	0,301	-0,003	0,007	0,145	FALSE
-0,053	0,308	-0,001	0,007	0,056	FALSE
-0,112	0,309	-0,004	0,011	0,142	FALSE
-0,126	0,311	-0,005	0,011	0,184	FALSE
0,020	0,301	0,001	0,008	0,041	FALSE
-0,119	0,297	-0,002	0,006	0,138	FALSE
0,093	0,304	0,002	0,007	0,110	FALSE
-0,160	0,300	-0,004	0,007	0,235	FALSE
-0,034	0,304	-0,001	0,010	0,055	FALSE
-0,038	0,315	-0,002	0,009	0,064	FALSE
-0,035	0,302	-0,002	0,010	0,065	FALSE
0,012	0,304	0,000	0,006	0,006	FALSE
0,156	0,287	0,006	0,009	0,298	FALSE
-0,014	0,310	0,000	0,013	0,008	FALSE
-0,044	0,311	-0,002	0,010	0,061	FALSE
0,070	0,308	0,002	0,008	0,103	FALSE
-0,025	0,303	-0,001	0,010	0,038	FALSE
0,101	0,293	0,005	0,011	0,194	FALSE
0,035	0,298	0,001	0,010	0,051	FALSE
0,084	0,304	0,005	0,012	0,151	FALSE
0,083	0,310	0,005	0,013	0,152	FALSE
-0,047	0,305	-0,001	0,009	0,039	FALSE
0,164	0,307	0,003	0,006	0,201	FALSE
-0,008	0,305	0,000	0,009	0,002	FALSE
0,073	0,299	0,003	0,010	0,124	FALSE
0,037	0,314	0,001	0,008	0,037	FALSE
0,049	0,311	0,001	0,007	0,071	FALSE
0,119	0,288	0,004	0,012	0,144	FALSE

0,121	0,296	0,004	0,012	0,145	FALSE
0,124	0,290	0,005	0,012	0,161	FALSE
0,043	0,310	0,001	0,007	0,059	FALSE
-0,032	0,304	0,000	0,007	0,019	FALSE
0,178	0,299	0,004	0,008	0,211	FALSE
-0,042	0,309	-0,001	0,010	0,033	FALSE
-0,074	0,289	-0,003	0,010	0,112	FALSE
-0,049	0,309	-0,002	0,010	0,069	FALSE
0,132	0,311	0,004	0,009	0,166	FALSE
-0,130	0,294	-0,003	0,008	0,140	FALSE
-0,071	0,305	-0,002	0,007	0,094	FALSE
0,009	0,309	0,000	0,010	0,010	FALSE
0,065	0,313	0,002	0,012	0,055	FALSE
-0,089	0,323	-0,003	0,012	0,116	FALSE
0,125	0,291	0,004	0,007	0,206	FALSE
-0,011	0,318	0,000	0,007	0,015	FALSE
-0,065	0,303	-0,002	0,009	0,083	FALSE
0,156	0,285	0,007	0,012	0,268	FALSE
0,179	0,285	0,006	0,009	0,293	FALSE
-0,046	0,313	-0,001	0,007	0,076	FALSE
0,036	0,295	0,001	0,008	0,053	FALSE
0,030	0,328	0,001	0,008	0,043	FALSE
0,003	0,294	0,000	0,006	0,005	FALSE
0,032	0,306	0,001	0,013	0,029	FALSE
-0,008	0,297	0,000	0,006	0,008	FALSE
-0,030	0,304	-0,001	0,007	0,027	FALSE
-0,035	0,297	-0,001	0,007	0,037	FALSE
-0,103	0,294	-0,003	0,009	0,131	FALSE
-0,032	0,312	-0,001	0,011	0,041	FALSE
0,010	0,304	0,001	0,012	0,024	FALSE
-0,056	0,304	-0,002	0,012	0,078	FALSE
-0,016	0,311	-0,001	0,007	0,038	FALSE
0,200	0,299	0,006	0,008	0,312	FALSE
-0,077	0,298	-0,002	0,009	0,098	FALSE
0,073	0,309	0,003	0,011	0,097	FALSE
-0,115	0,299	-0,006	0,012	0,232	FALSE
-0,042	0,312	0,000	0,010	0,017	FALSE
-0,078	0,319	-0,002	0,009	0,094	FALSE
0,106	0,301	0,003	0,006	0,201	FALSE
-0,035	0,303	0,000	0,009	0,000	FALSE
-0,205	0,306	-0,004	0,007	0,285	FALSE
0,013	0,310	0,000	0,006	0,014	FALSE
-0,034	0,296	-0,001	0,007	0,025	FALSE
0,016	0,317	0,000	0,012	0,005	FALSE
0,149	0,309	0,003	0,006	0,161	FALSE
0,079	0,315	0,002	0,007	0,081	FALSE
-0,017	0,291	0,001	0,012	0,017	FALSE
0,003	0,302	-0,001	0,007	0,025	FALSE
-0,120	0,310	-0,003	0,008	0,140	FALSE
-0,049	0,303	-0,003	0,012	0,087	FALSE
0,040	0,295	0,002	0,009	0,083	FALSE
0,021	0,316	0,001	0,009	0,027	FALSE
0,031	0,312	0,001	0,008	0,048	FALSE

0,088	0,299	0,002	0,007	0,126	FALSE
0,167	0,292	0,008	0,012	0,297	FALSE
0,169	0,296	0,008	0,012	0,298	FALSE
0,086	0,322	0,002	0,007	0,094	FALSE
0,157	0,309	0,003	0,007	0,193	FALSE
0,083	0,310	0,004	0,012	0,127	FALSE
-0,022	0,309	0,000	0,008	0,007	FALSE
0,052	0,307	0,002	0,008	0,109	FALSE
-0,127	0,307	-0,004	0,010	0,144	FALSE
0,082	0,287	0,004	0,011	0,136	FALSE
-0,031	0,299	-0,001	0,006	0,046	FALSE
0,109	0,290	0,005	0,011	0,183	FALSE
-0,064	0,301	-0,002	0,008	0,092	FALSE
0,051	0,320	0,001	0,007	0,061	FALSE
0,005	0,315	0,001	0,013	0,039	FALSE
0,035	0,322	0,000	0,007	0,022	FALSE
-0,110	0,302	-0,004	0,011	0,160	FALSE
0,033	0,302	0,001	0,009	0,038	FALSE
0,008	0,299	0,000	0,007	0,006	FALSE
-0,011	0,313	-0,001	0,008	0,049	FALSE
-0,025	0,294	-0,001	0,007	0,070	FALSE
-0,003	0,306	0,001	0,009	0,025	FALSE
-0,039	0,309	-0,001	0,010	0,030	FALSE
-0,104	0,316	-0,004	0,011	0,150	FALSE
-0,121	0,306	-0,005	0,011	0,186	FALSE
-0,124	0,302	-0,005	0,012	0,170	FALSE
-0,012	0,304	-0,002	0,010	0,056	FALSE
0,104	0,297	0,003	0,011	0,120	FALSE
-0,052	0,292	-0,001	0,007	0,048	FALSE
0,086	0,314	0,002	0,009	0,109	FALSE
0,027	0,319	0,001	0,013	0,020	FALSE
0,003	0,306	0,000	0,013	0,001	FALSE
-0,121	0,295	-0,003	0,008	0,160	FALSE
0,002	0,297	0,001	0,008	0,030	FALSE
-0,011	0,299	0,000	0,007	0,007	FALSE
-0,011	0,292	0,000	0,007	0,013	FALSE
-0,110	0,299	-0,005	0,012	0,174	FALSE
0,114	0,302	0,002	0,006	0,131	FALSE
-0,056	0,318	-0,001	0,007	0,076	FALSE
-0,027	0,307	0,000	0,007	0,020	FALSE
0,058	0,323	0,003	0,013	0,102	FALSE
0,112	0,305	0,004	0,012	0,115	FALSE
-0,085	0,306	-0,002	0,010	0,085	FALSE
-0,030	0,305	-0,001	0,006	0,045	FALSE
-0,016	0,300	0,000	0,009	0,004	FALSE
-0,021	0,316	0,000	0,012	0,001	FALSE
-0,130	0,299	-0,003	0,008	0,153	FALSE
-0,024	0,316	0,000	0,010	0,015	FALSE
-0,136	0,314	-0,006	0,012	0,218	FALSE
0,034	0,299	0,003	0,013	0,086	FALSE
-0,118	0,315	-0,005	0,012	0,168	FALSE
-0,105	0,311	-0,005	0,012	0,160	FALSE
-0,121	0,304	-0,006	0,012	0,196	FALSE

0,045	0,308	0,002	0,012	0,078	FALSE
-0,147	0,292	-0,004	0,008	0,193	FALSE
-0,026	0,298	-0,001	0,007	0,027	FALSE
-0,036	0,315	-0,001	0,007	0,055	FALSE
-0,090	0,322	-0,003	0,010	0,110	FALSE
0,032	0,308	0,001	0,007	0,053	FALSE
-0,119	0,302	-0,004	0,009	0,193	FALSE
0,014	0,298	0,000	0,008	0,006	FALSE
-0,062	0,311	-0,002	0,008	0,092	FALSE
0,047	0,299	0,001	0,006	0,073	FALSE
-0,044	0,298	-0,002	0,011	0,055	FALSE
-0,127	0,306	-0,006	0,011	0,205	FALSE
0,139	0,294	0,003	0,007	0,187	FALSE
0,004	0,297	0,001	0,011	0,018	FALSE
0,018	0,306	0,000	0,007	0,023	FALSE
-0,002	0,306	-0,001	0,009	0,025	FALSE
-0,090	0,312	-0,002	0,006	0,135	FALSE
0,043	0,316	0,001	0,007	0,041	FALSE
0,107	0,313	0,004	0,011	0,131	FALSE
0,044	0,311	0,001	0,011	0,048	FALSE
0,105	0,301	0,003	0,008	0,164	FALSE
0,052	0,317	0,003	0,012	0,082	FALSE
-0,060	0,317	-0,003	0,013	0,074	FALSE
0,029	0,297	0,001	0,008	0,062	FALSE
-0,047	0,304	-0,001	0,008	0,065	FALSE
0,129	0,304	0,004	0,008	0,201	FALSE
-0,006	0,318	-0,001	0,013	0,020	FALSE
0,009	0,302	0,000	0,012	0,000	FALSE
0,004	0,296	0,000	0,012	0,012	FALSE
-0,048	0,303	-0,001	0,007	0,046	FALSE
0,133	0,310	0,004	0,010	0,177	FALSE
-0,073	0,309	-0,002	0,007	0,106	FALSE
-0,054	0,314	-0,001	0,008	0,058	FALSE
0,013	0,297	0,001	0,012	0,038	FALSE
-0,027	0,289	-0,001	0,012	0,020	FALSE
0,010	0,309	0,001	0,011	0,022	FALSE
0,019	0,308	0,001	0,012	0,017	FALSE
0,057	0,309	0,001	0,013	0,033	FALSE
0,116	0,286	0,002	0,007	0,131	FALSE
0,055	0,314	0,001	0,007	0,040	FALSE
-0,050	0,305	-0,001	0,011	0,044	FALSE
-0,115	0,291	-0,004	0,010	0,156	FALSE
-0,096	0,303	-0,002	0,007	0,123	FALSE
0,011	0,323	0,000	0,008	0,010	FALSE
0,038	0,296	0,000	0,008	0,008	FALSE
0,136	0,315	0,005	0,011	0,180	FALSE
-0,157	0,307	-0,005	0,008	0,230	FALSE
0,017	0,317	0,001	0,012	0,041	FALSE
-0,143	0,301	-0,007	0,013	0,231	FALSE
-0,014	0,319	-0,001	0,007	0,033	FALSE
0,009	0,325	0,000	0,010	0,001	FALSE
-0,015	0,285	-0,002	0,009	0,065	FALSE
-0,075	0,303	-0,002	0,009	0,103	FALSE

0,037	0,311	0,001	0,006	0,055	FALSE
0,059	0,310	0,001	0,009	0,039	FALSE
0,011	0,308	0,001	0,008	0,030	FALSE
0,003	0,313	0,000	0,012	0,004	FALSE
0,099	0,294	0,002	0,007	0,132	FALSE
-0,015	0,307	0,000	0,008	0,019	FALSE
0,004	0,309	0,000	0,011	0,014	FALSE
-0,065	0,293	-0,002	0,010	0,079	FALSE
-0,005	0,307	0,000	0,012	0,011	FALSE
-0,113	0,314	-0,003	0,009	0,131	FALSE
0,031	0,301	0,001	0,012	0,027	FALSE
0,013	0,294	0,000	0,012	0,008	FALSE
0,083	0,301	0,003	0,008	0,150	FALSE
-0,004	0,305	0,000	0,007	0,020	FALSE
0,115	0,305	0,004	0,008	0,190	FALSE
-0,043	0,303	-0,001	0,009	0,035	FALSE
0,096	0,316	0,002	0,007	0,099	FALSE
0,080	0,323	0,002	0,007	0,085	FALSE
0,024	0,307	0,000	0,012	0,013	FALSE
-0,101	0,302	-0,003	0,009	0,148	FALSE
-0,084	0,305	-0,003	0,009	0,120	FALSE
0,081	0,302	0,003	0,011	0,105	FALSE
0,128	0,299	0,005	0,012	0,156	FALSE
-0,054	0,303	0,000	0,007	0,015	TRUE
0,025	0,320	0,001	0,009	0,025	FALSE
0,102	0,283	0,004	0,012	0,135	FALSE
0,081	0,308	0,003	0,012	0,102	FALSE
0,032	0,308	0,000	0,010	0,013	FALSE
0,078	0,303	0,001	0,007	0,083	FALSE
-0,008	0,305	0,000	0,007	0,000	FALSE
0,117	0,297	0,003	0,008	0,146	FALSE
0,035	0,307	0,002	0,011	0,050	FALSE
0,135	0,289	0,005	0,012	0,158	FALSE
0,197	0,281	0,007	0,011	0,273	FALSE
-0,119	0,301	-0,002	0,006	0,153	FALSE
-0,106	0,304	-0,002	0,007	0,094	FALSE
-0,094	0,313	-0,004	0,011	0,135	FALSE
0,105	0,317	0,004	0,012	0,134	FALSE
0,073	0,304	0,003	0,011	0,096	FALSE
-0,050	0,306	-0,001	0,007	0,059	FALSE
-0,023	0,298	0,000	0,007	0,011	FALSE
-0,038	0,311	-0,001	0,007	0,049	FALSE
-0,027	0,321	-0,001	0,007	0,037	FALSE
0,069	0,297	0,001	0,007	0,073	FALSE
0,015	0,299	0,001	0,009	0,048	FALSE
0,011	0,303	0,001	0,008	0,026	FALSE
-0,019	0,319	-0,001	0,008	0,032	FALSE
0,038	0,298	0,001	0,010	0,030	FALSE
-0,037	0,301	-0,001	0,009	0,056	FALSE
-0,080	0,305	-0,001	0,007	0,050	FALSE
-0,013	0,316	0,000	0,007	0,002	FALSE
-0,037	0,301	-0,001	0,008	0,048	FALSE
-0,026	0,311	0,000	0,007	0,020	FALSE

-0,107	0,302	-0,002	0,007	0,122	FALSE
-0,016	0,308	0,000	0,007	0,024	FALSE
0,127	0,302	0,003	0,008	0,146	FALSE
-0,040	0,314	0,000	0,007	0,018	FALSE
-0,146	0,316	-0,003	0,007	0,194	FALSE
0,080	0,312	0,002	0,008	0,086	FALSE
0,103	0,304	0,002	0,006	0,151	FALSE
-0,118	0,311	-0,003	0,007	0,150	FALSE
0,034	0,300	0,001	0,006	0,037	FALSE
-0,030	0,297	0,000	0,010	0,014	FALSE
-0,078	0,293	-0,002	0,010	0,085	FALSE
-0,161	0,301	-0,003	0,007	0,202	FALSE
0,046	0,321	0,002	0,008	0,078	FALSE
-0,070	0,316	-0,002	0,007	0,123	FALSE
-0,006	0,307	0,000	0,008	0,017	FALSE
-0,132	0,304	-0,004	0,007	0,230	FALSE
-0,020	0,301	0,000	0,008	0,007	FALSE
0,145	0,302	0,005	0,009	0,227	FALSE
-0,059	0,304	-0,001	0,007	0,070	FALSE
-0,020	0,310	-0,002	0,010	0,066	FALSE
-0,066	0,309	-0,002	0,007	0,105	FALSE
0,019	0,306	0,001	0,008	0,030	FALSE
0,145	0,305	0,005	0,009	0,219	FALSE
-0,041	0,307	-0,001	0,010	0,044	FALSE
0,020	0,296	0,000	0,013	0,000	FALSE
0,010	0,291	0,000	0,006	0,010	FALSE
-0,035	0,289	-0,001	0,008	0,035	FALSE
0,056	0,310	0,001	0,008	0,055	FALSE
0,112	0,307	0,002	0,006	0,152	FALSE
0,014	0,314	0,000	0,011	0,005	FALSE
-0,065	0,312	-0,002	0,008	0,116	FALSE
-0,008	0,300	0,000	0,007	0,009	FALSE
-0,141	0,307	-0,004	0,008	0,219	FALSE
0,031	0,305	0,002	0,010	0,083	FALSE
0,099	0,301	0,005	0,012	0,182	FALSE
0,050	0,298	0,001	0,007	0,061	FALSE
-0,047	0,314	-0,002	0,007	0,084	FALSE
0,064	0,326	0,003	0,012	0,094	FALSE
-0,046	0,306	-0,001	0,007	0,038	FALSE
0,040	0,307	0,002	0,010	0,080	FALSE
0,001	0,314	0,000	0,009	0,001	FALSE
0,002	0,305	0,000	0,011	0,006	FALSE
0,007	0,306	0,001	0,013	0,015	FALSE
-0,051	0,313	-0,002	0,009	0,084	FALSE
-0,099	0,292	-0,002	0,007	0,117	FALSE
0,021	0,306	0,001	0,008	0,024	FALSE
0,028	0,303	0,001	0,006	0,077	FALSE
0,035	0,287	0,002	0,008	0,085	FALSE
-0,147	0,305	-0,005	0,009	0,218	FALSE
0,112	0,316	0,003	0,007	0,148	FALSE
0,059	0,298	0,003	0,012	0,107	FALSE
-0,089	0,303	-0,004	0,012	0,139	FALSE
-0,203	0,297	-0,008	0,013	0,287	FALSE

-0,058	0,309	-0,002	0,012	0,075	FALSE
-0,070	0,318	-0,002	0,011	0,076	FALSE
0,044	0,303	0,001	0,008	0,055	FALSE
-0,077	0,302	-0,001	0,006	0,088	FALSE
0,046	0,301	0,001	0,008	0,069	FALSE
0,073	0,317	0,002	0,008	0,075	FALSE
-0,082	0,326	-0,002	0,008	0,079	FALSE
-0,031	0,311	0,000	0,006	0,019	FALSE
0,178	0,320	0,005	0,009	0,234	FALSE
-0,065	0,312	-0,002	0,007	0,102	FALSE
0,013	0,309	0,001	0,006	0,038	FALSE
-0,006	0,319	0,000	0,009	0,002	FALSE
-0,018	0,315	-0,001	0,008	0,034	FALSE
-0,062	0,309	-0,002	0,013	0,068	FALSE
0,081	0,299	0,002	0,008	0,102	FALSE
-0,002	0,314	0,000	0,014	0,003	FALSE
-0,011	0,319	0,000	0,008	0,001	FALSE
-0,247	0,303	-0,010	0,011	0,409	FALSE
0,064	0,312	0,001	0,010	0,046	FALSE
0,099	0,319	0,003	0,007	0,154	FALSE
0,047	0,311	0,001	0,006	0,037	FALSE
0,105	0,306	0,005	0,012	0,152	FALSE
-0,176	0,308	-0,007	0,011	0,290	FALSE
0,025	0,308	0,001	0,008	0,044	FALSE
0,097	0,314	0,002	0,007	0,145	FALSE
-0,028	0,309	-0,001	0,008	0,054	FALSE
-0,043	0,300	-0,002	0,008	0,071	FALSE
0,005	0,310	0,000	0,011	0,009	FALSE
-0,107	0,302	-0,002	0,006	0,153	FALSE
0,107	0,295	0,002	0,007	0,125	FALSE
0,047	0,310	0,001	0,006	0,063	FALSE
0,004	0,312	0,001	0,007	0,026	FALSE
0,102	0,306	0,003	0,007	0,160	FALSE
0,052	0,301	0,003	0,010	0,104	FALSE
0,158	0,297	0,004	0,007	0,254	FALSE
0,019	0,308	0,000	0,006	0,010	FALSE
0,044	0,313	0,002	0,011	0,080	FALSE
0,129	0,300	0,006	0,011	0,244	FALSE
-0,005	0,306	0,000	0,007	0,003	FALSE
-0,005	0,304	-0,001	0,012	0,015	FALSE
-0,088	0,310	-0,002	0,007	0,116	FALSE
0,095	0,314	0,002	0,008	0,088	FALSE
-0,153	0,309	-0,005	0,010	0,216	FALSE
0,039	0,311	0,002	0,008	0,070	FALSE
-0,127	0,299	-0,004	0,010	0,188	FALSE
-0,038	0,312	-0,001	0,008	0,060	FALSE
-0,015	0,313	-0,001	0,009	0,029	FALSE
-0,072	0,293	-0,002	0,009	0,108	FALSE
-0,069	0,295	-0,002	0,008	0,112	FALSE
0,152	0,304	0,005	0,008	0,247	FALSE
0,157	0,298	0,003	0,007	0,191	FALSE
0,040	0,296	0,001	0,007	0,071	FALSE
0,108	0,300	0,003	0,009	0,125	FALSE

-0,194	0,307	-0,005	0,008	0,282	FALSE
-0,030	0,311	-0,001	0,009	0,036	FALSE
0,090	0,302	0,002	0,007	0,139	FALSE
0,005	0,310	0,000	0,007	0,005	FALSE
-0,020	0,316	-0,001	0,013	0,026	FALSE
-0,049	0,308	-0,001	0,009	0,058	FALSE
-0,030	0,309	-0,002	0,009	0,068	FALSE
-0,001	0,309	0,000	0,008	0,002	FALSE
0,059	0,319	0,002	0,009	0,090	FALSE
-0,081	0,309	-0,003	0,012	0,081	FALSE
0,015	0,294	0,001	0,008	0,024	FALSE
-0,004	0,308	0,000	0,009	0,002	FALSE
-0,002	0,315	0,000	0,010	0,006	FALSE
0,066	0,304	0,002	0,007	0,094	FALSE
0,087	0,308	0,002	0,007	0,134	FALSE
0,061	0,308	0,002	0,010	0,079	FALSE
0,074	0,308	0,002	0,011	0,083	FALSE
-0,014	0,311	0,000	0,012	0,002	FALSE
0,052	0,312	0,001	0,007	0,079	FALSE
0,043	0,309	0,001	0,010	0,040	FALSE
0,047	0,313	0,001	0,008	0,053	FALSE
0,038	0,302	0,002	0,011	0,059	FALSE
-0,013	0,321	-0,001	0,013	0,020	FALSE
0,086	0,305	0,003	0,012	0,108	FALSE
-0,052	0,300	-0,002	0,009	0,091	FALSE
0,039	0,295	0,002	0,009	0,071	FALSE
0,038	0,313	0,001	0,007	0,031	FALSE
-0,064	0,315	-0,001	0,007	0,068	FALSE
0,023	0,314	0,002	0,013	0,049	FALSE
0,056	0,294	0,002	0,009	0,088	FALSE
0,077	0,317	0,003	0,012	0,095	FALSE
0,109	0,292	0,003	0,011	0,121	FALSE
0,185	0,287	0,006	0,010	0,279	FALSE
0,045	0,298	0,001	0,008	0,049	FALSE
0,081	0,305	0,003	0,013	0,082	FALSE
0,013	0,300	0,001	0,010	0,026	FALSE
-0,016	0,305	0,000	0,007	0,004	FALSE
-0,048	0,310	-0,001	0,008	0,059	FALSE
-0,024	0,317	-0,001	0,010	0,024	FALSE
0,115	0,304	0,005	0,012	0,173	FALSE
0,079	0,299	0,004	0,012	0,110	FALSE
-0,153	0,321	-0,005	0,011	0,184	FALSE
0,031	0,305	0,000	0,008	0,009	FALSE
0,040	0,304	0,000	0,009	0,019	FALSE
-0,096	0,312	-0,002	0,008	0,118	FALSE
0,018	0,317	0,001	0,013	0,017	FALSE
0,093	0,299	0,003	0,007	0,165	FALSE
-0,074	0,301	-0,002	0,007	0,103	FALSE
-0,012	0,299	-0,001	0,012	0,022	FALSE
0,224	0,294	0,006	0,008	0,314	FALSE
-0,054	0,304	-0,001	0,007	0,047	FALSE
0,091	0,308	0,002	0,006	0,099	FALSE
0,085	0,309	0,002	0,007	0,100	FALSE

-0,069	0,312	-0,003	0,013	0,087	FALSE
-0,024	0,302	-0,001	0,007	0,033	FALSE
-0,040	0,315	-0,001	0,008	0,050	FALSE
-0,048	0,317	-0,001	0,008	0,054	FALSE
-0,063	0,305	-0,002	0,007	0,101	FALSE
-0,053	0,305	-0,001	0,007	0,085	FALSE
0,101	0,311	0,003	0,008	0,166	FALSE
-0,142	0,301	-0,003	0,007	0,181	FALSE
0,091	0,307	0,004	0,013	0,132	FALSE
-0,085	0,293	-0,002	0,007	0,094	FALSE
-0,015	0,320	-0,001	0,012	0,026	FALSE
0,074	0,300	0,003	0,012	0,104	FALSE
-0,018	0,301	-0,001	0,007	0,039	FALSE
0,054	0,289	0,002	0,010	0,066	FALSE
0,071	0,307	0,001	0,007	0,077	FALSE
0,007	0,294	-0,001	0,008	0,024	FALSE
0,064	0,306	0,002	0,007	0,103	FALSE
0,011	0,313	0,000	0,010	0,013	FALSE
0,009	0,317	0,001	0,011	0,028	FALSE
0,129	0,300	0,003	0,008	0,168	FALSE
0,076	0,304	0,002	0,007	0,092	FALSE
-0,037	0,294	-0,002	0,010	0,062	FALSE
-0,061	0,319	-0,003	0,011	0,107	FALSE
-0,004	0,304	0,000	0,009	0,015	FALSE
-0,093	0,299	-0,002	0,008	0,092	FALSE
0,033	0,323	0,000	0,012	0,009	FALSE
-0,082	0,304	-0,002	0,009	0,100	FALSE
-0,078	0,304	-0,002	0,008	0,074	FALSE
-0,002	0,318	0,000	0,010	0,011	FALSE
0,098	0,308	0,003	0,010	0,096	FALSE
-0,014	0,304	0,000	0,007	0,013	FALSE
-0,011	0,296	-0,001	0,009	0,040	FALSE
0,022	0,313	0,002	0,013	0,067	FALSE
-0,072	0,301	-0,002	0,010	0,078	FALSE
-0,059	0,298	-0,001	0,007	0,066	FALSE
0,041	0,300	0,002	0,008	0,079	FALSE
0,019	0,312	0,002	0,008	0,072	FALSE
-0,082	0,316	-0,002	0,007	0,125	FALSE
-0,075	0,302	-0,002	0,007	0,118	FALSE
0,048	0,295	0,001	0,008	0,037	FALSE
0,060	0,301	0,001	0,009	0,057	FALSE
0,002	0,309	0,001	0,011	0,023	FALSE
0,062	0,311	0,002	0,009	0,066	FALSE
0,004	0,300	0,000	0,009	0,006	FALSE
-0,037	0,314	-0,001	0,007	0,040	FALSE
0,004	0,299	0,000	0,008	0,008	FALSE
0,131	0,319	0,003	0,007	0,190	FALSE
-0,004	0,316	0,000	0,010	0,014	FALSE
0,142	0,312	0,003	0,006	0,211	FALSE
0,038	0,312	0,001	0,006	0,045	FALSE
0,136	0,288	0,006	0,009	0,274	FALSE
0,015	0,295	0,001	0,008	0,060	FALSE
0,032	0,305	0,001	0,007	0,056	FALSE

0,006	0,301	0,001	0,010	0,018	FALSE
-0,054	0,293	-0,002	0,009	0,065	FALSE
-0,076	0,308	-0,002	0,007	0,094	FALSE
-0,069	0,295	-0,001	0,010	0,054	FALSE
0,117	0,300	0,004	0,008	0,188	FALSE
0,106	0,301	0,005	0,012	0,164	FALSE
0,120	0,303	0,003	0,006	0,186	FALSE
-0,070	0,320	-0,001	0,007	0,056	FALSE
-0,080	0,312	-0,001	0,007	0,086	FALSE
0,084	0,301	0,001	0,008	0,055	FALSE
0,032	0,297	0,001	0,007	0,081	FALSE
0,130	0,304	0,005	0,012	0,163	FALSE
0,054	0,294	0,003	0,012	0,089	FALSE
0,093	0,315	0,003	0,011	0,100	FALSE
-0,099	0,291	-0,004	0,012	0,150	FALSE
-0,023	0,300	0,000	0,006	0,022	FALSE
0,085	0,294	0,004	0,009	0,165	FALSE
0,077	0,304	0,003	0,012	0,107	FALSE
0,121	0,299	0,004	0,008	0,205	FALSE
0,138	0,294	0,005	0,008	0,243	FALSE
0,114	0,302	0,005	0,012	0,155	FALSE
0,024	0,308	0,001	0,012	0,031	FALSE
0,003	0,304	0,000	0,012	0,013	FALSE
0,023	0,303	0,001	0,012	0,019	FALSE
-0,021	0,301	-0,002	0,009	0,091	FALSE
-0,059	0,308	-0,003	0,012	0,101	FALSE
0,026	0,306	0,001	0,009	0,042	FALSE
-0,078	0,308	-0,004	0,012	0,118	FALSE
-0,046	0,296	-0,001	0,006	0,047	FALSE
0,037	0,316	0,001	0,009	0,044	FALSE
0,038	0,305	0,002	0,011	0,059	FALSE
0,034	0,318	0,001	0,006	0,033	FALSE
0,019	0,303	0,001	0,008	0,024	FALSE
0,011	0,315	0,001	0,010	0,020	FALSE
-0,056	0,319	-0,003	0,009	0,103	FALSE
-0,247	0,289	-0,008	0,009	0,412	FALSE
-0,081	0,305	-0,002	0,010	0,084	FALSE
0,068	0,312	0,002	0,012	0,069	FALSE
0,020	0,316	0,002	0,012	0,065	FALSE
-0,051	0,297	-0,002	0,009	0,098	FALSE
0,069	0,312	0,002	0,008	0,097	FALSE
0,116	0,303	0,003	0,009	0,129	FALSE
-0,090	0,296	-0,003	0,010	0,115	FALSE
-0,061	0,296	-0,002	0,011	0,064	FALSE
0,117	0,308	0,003	0,008	0,136	FALSE
0,108	0,311	0,003	0,008	0,127	FALSE
0,045	0,305	0,001	0,012	0,042	FALSE
-0,051	0,302	-0,001	0,008	0,049	FALSE
-0,049	0,298	-0,001	0,009	0,038	FALSE
-0,089	0,315	-0,002	0,007	0,119	FALSE
-0,059	0,313	-0,001	0,009	0,042	FALSE
0,089	0,298	0,003	0,006	0,171	FALSE
0,069	0,305	0,002	0,010	0,091	FALSE

0,025	0,306	0,001	0,008	0,029	FALSE
-0,063	0,317	-0,001	0,008	0,053	FALSE
-0,004	0,311	0,000	0,009	0,001	FALSE
-0,091	0,311	-0,002	0,006	0,101	FALSE
-0,003	0,304	0,000	0,009	0,006	FALSE
-0,042	0,307	-0,001	0,013	0,033	FALSE
-0,045	0,304	-0,001	0,007	0,056	FALSE
-0,046	0,307	-0,001	0,009	0,057	FALSE
0,002	0,309	0,001	0,009	0,023	FALSE
-0,123	0,309	-0,004	0,010	0,169	FALSE
-0,161	0,304	-0,007	0,012	0,235	FALSE
0,069	0,308	0,001	0,008	0,065	FALSE
0,133	0,290	0,006	0,012	0,200	FALSE
-0,004	0,313	-0,001	0,008	0,037	FALSE
0,053	0,313	0,001	0,009	0,057	FALSE
0,034	0,311	0,001	0,007	0,060	FALSE
-0,045	0,322	-0,002	0,013	0,066	FALSE
0,095	0,301	0,003	0,007	0,151	FALSE
-0,077	0,294	-0,001	0,006	0,081	FALSE
-0,061	0,327	-0,003	0,012	0,089	FALSE
0,096	0,315	0,003	0,009	0,126	FALSE
0,127	0,309	0,004	0,009	0,176	FALSE
-0,052	0,312	-0,001	0,011	0,027	FALSE
-0,004	0,307	0,000	0,012	0,014	FALSE
0,000	0,309	0,000	0,011	0,008	FALSE
-0,019	0,296	-0,002	0,012	0,051	FALSE
0,006	0,300	0,001	0,012	0,017	FALSE
0,034	0,297	0,000	0,008	0,023	FALSE
0,027	0,302	0,002	0,012	0,053	FALSE
0,048	0,312	0,001	0,007	0,041	FALSE
-0,084	0,318	-0,002	0,007	0,118	FALSE
-0,130	0,315	-0,003	0,007	0,182	FALSE
0,084	0,306	0,003	0,012	0,093	FALSE
0,142	0,309	0,006	0,011	0,228	FALSE
-0,141	0,308	-0,003	0,007	0,197	FALSE
0,097	0,300	0,004	0,009	0,168	FALSE
0,153	0,294	0,006	0,009	0,256	FALSE
0,000	0,300	0,000	0,007	0,023	FALSE
0,014	0,299	-0,001	0,011	0,033	FALSE
-0,013	0,291	0,000	0,008	0,012	FALSE
-0,173	0,317	-0,003	0,007	0,217	FALSE
-0,045	0,297	-0,002	0,012	0,057	FALSE
-0,037	0,284	-0,001	0,011	0,039	FALSE
-0,035	0,318	-0,001	0,009	0,061	FALSE
0,034	0,309	0,001	0,010	0,020	FALSE
-0,074	0,288	-0,001	0,007	0,063	FALSE
-0,052	0,299	-0,001	0,007	0,041	FALSE
-0,069	0,312	-0,001	0,008	0,056	FALSE
0,012	0,310	0,000	0,010	0,001	FALSE
0,033	0,309	0,001	0,012	0,025	FALSE
0,049	0,298	0,001	0,009	0,044	FALSE
0,081	0,298	0,002	0,007	0,093	FALSE
-0,017	0,290	-0,001	0,012	0,033	FALSE

-0,006	0,309	0,000	0,011	0,014	FALSE
0,060	0,306	0,003	0,012	0,106	FALSE
-0,046	0,308	-0,001	0,011	0,024	FALSE
-0,107	0,293	-0,002	0,006	0,139	FALSE
0,022	0,314	0,001	0,012	0,041	FALSE
0,149	0,298	0,007	0,012	0,231	FALSE
0,012	0,308	0,000	0,009	0,015	FALSE
-0,058	0,314	-0,002	0,009	0,078	FALSE
0,068	0,313	0,003	0,009	0,110	FALSE
-0,081	0,303	-0,004	0,012	0,120	FALSE
0,000	0,310	0,000	0,007	0,007	FALSE
-0,067	0,303	-0,002	0,009	0,071	FALSE
-0,132	0,312	-0,004	0,009	0,176	FALSE
-0,149	0,300	-0,005	0,011	0,185	FALSE
-0,078	0,308	-0,002	0,007	0,126	FALSE
0,078	0,320	0,003	0,009	0,128	FALSE
-0,032	0,302	-0,001	0,008	0,047	FALSE
-0,006	0,303	0,000	0,008	0,000	FALSE
-0,036	0,312	0,000	0,008	0,020	FALSE
-0,022	0,299	-0,001	0,009	0,024	FALSE
0,136	0,292	0,003	0,006	0,200	FALSE
-0,031	0,318	-0,001	0,011	0,024	FALSE
-0,123	0,300	-0,003	0,007	0,144	FALSE
0,054	0,315	0,002	0,011	0,058	FALSE
0,068	0,297	0,002	0,008	0,101	FALSE
-0,012	0,302	0,000	0,008	0,014	FALSE
-0,062	0,303	-0,001	0,007	0,075	FALSE
-0,001	0,302	0,001	0,008	0,022	FALSE
0,102	0,316	0,004	0,011	0,135	FALSE
0,061	0,320	0,001	0,010	0,053	FALSE
0,090	0,314	0,003	0,010	0,121	FALSE
0,103	0,290	0,003	0,008	0,165	FALSE
0,096	0,289	0,003	0,009	0,115	FALSE
-0,003	0,300	0,000	0,012	0,008	FALSE
-0,045	0,308	-0,002	0,010	0,072	FALSE
-0,151	0,303	-0,004	0,008	0,215	FALSE
0,153	0,303	0,005	0,009	0,218	FALSE
-0,067	0,313	-0,001	0,008	0,052	FALSE
-0,101	0,309	-0,003	0,009	0,148	FALSE
-0,171	0,297	-0,007	0,011	0,285	FALSE
0,035	0,287	0,003	0,011	0,092	FALSE
-0,021	0,307	0,000	0,009	0,016	FALSE
-0,063	0,312	-0,003	0,010	0,107	FALSE
0,159	0,287	0,006	0,011	0,219	FALSE
0,065	0,302	0,002	0,007	0,089	FALSE
0,055	0,302	0,002	0,011	0,084	FALSE
0,071	0,304	0,002	0,009	0,072	FALSE
0,043	0,300	0,001	0,009	0,046	FALSE
0,088	0,313	0,002	0,009	0,096	FALSE
-0,077	0,294	-0,002	0,008	0,118	FALSE
-0,092	0,314	-0,002	0,008	0,097	FALSE
-0,031	0,312	0,000	0,007	0,006	FALSE
-0,026	0,317	-0,001	0,011	0,026	FALSE

0,004	0,310	0,000	0,007	0,026	FALSE
0,080	0,322	0,002	0,009	0,097	FALSE
0,109	0,286	0,003	0,008	0,164	FALSE
-0,023	0,310	-0,001	0,008	0,030	FALSE
0,140	0,297	0,005	0,011	0,184	FALSE
0,117	0,295	0,004	0,011	0,159	FALSE
0,102	0,310	0,004	0,011	0,125	FALSE
0,114	0,283	0,004	0,009	0,178	FALSE
0,091	0,301	0,003	0,008	0,148	FALSE
0,012	0,311	0,000	0,007	0,002	FALSE
-0,046	0,305	-0,002	0,010	0,056	FALSE
-0,178	0,314	-0,004	0,007	0,228	FALSE
0,119	0,317	0,004	0,013	0,136	FALSE
-0,129	0,306	-0,003	0,009	0,141	FALSE
-0,115	0,298	-0,003	0,009	0,133	FALSE
0,020	0,308	0,000	0,008	0,000	FALSE
0,032	0,298	0,001	0,006	0,068	FALSE
-0,012	0,309	-0,001	0,011	0,032	FALSE
0,063	0,308	0,002	0,007	0,083	FALSE
0,016	0,303	0,001	0,009	0,033	FALSE
0,044	0,305	0,002	0,010	0,074	FALSE
0,028	0,298	0,000	0,010	0,002	FALSE
-0,099	0,295	-0,003	0,010	0,140	FALSE
0,028	0,308	0,002	0,010	0,060	FALSE
0,071	0,302	0,001	0,008	0,069	FALSE
-0,077	0,308	-0,002	0,011	0,070	FALSE
0,039	0,301	0,001	0,008	0,059	FALSE
-0,010	0,309	0,000	0,011	0,012	FALSE
-0,019	0,304	0,000	0,007	0,017	FALSE
0,070	0,308	0,003	0,010	0,116	FALSE
0,079	0,302	0,003	0,011	0,106	FALSE
-0,046	0,320	-0,001	0,008	0,064	FALSE
-0,045	0,299	-0,001	0,008	0,067	FALSE
-0,018	0,314	0,000	0,009	0,011	FALSE
-0,031	0,300	-0,001	0,009	0,044	FALSE
-0,017	0,309	0,000	0,010	0,005	FALSE
0,082	0,314	0,004	0,012	0,128	FALSE
-0,011	0,300	0,000	0,007	0,004	FALSE
0,023	0,300	0,001	0,010	0,026	FALSE
-0,022	0,306	0,000	0,009	0,014	FALSE
0,050	0,303	0,002	0,009	0,083	FALSE
-0,012	0,309	0,000	0,013	0,004	FALSE
0,011	0,301	0,000	0,010	0,009	FALSE
0,088	0,301	0,003	0,011	0,099	FALSE
0,074	0,312	0,002	0,011	0,080	FALSE
0,126	0,310	0,005	0,013	0,163	FALSE
-0,003	0,312	0,000	0,012	0,008	FALSE
0,037	0,305	0,001	0,012	0,041	FALSE
0,060	0,310	0,002	0,012	0,068	FALSE
-0,015	0,316	-0,001	0,007	0,029	FALSE
0,088	0,304	0,003	0,008	0,129	FALSE
-0,011	0,315	-0,001	0,007	0,028	FALSE
-0,009	0,313	-0,001	0,007	0,028	FALSE

-0,130	0,298	-0,003	0,009	0,163	FALSE
-0,006	0,298	0,000	0,011	0,006	FALSE
0,084	0,306	0,003	0,010	0,102	FALSE
0,021	0,306	0,000	0,010	0,005	FALSE
0,041	0,296	0,001	0,008	0,028	FALSE
-0,067	0,296	-0,003	0,010	0,096	FALSE
0,040	0,312	0,001	0,007	0,053	FALSE
0,023	0,316	0,001	0,011	0,034	FALSE
0,069	0,301	0,002	0,010	0,091	FALSE
0,195	0,285	0,008	0,012	0,293	FALSE
-0,014	0,302	-0,001	0,012	0,022	FALSE
0,058	0,315	0,001	0,006	0,080	FALSE
-0,094	0,305	-0,003	0,008	0,132	FALSE
-0,119	0,303	-0,003	0,007	0,156	FALSE
-0,014	0,293	0,000	0,012	0,009	FALSE
-0,095	0,305	-0,003	0,009	0,145	FALSE
0,052	0,307	0,001	0,007	0,053	FALSE
0,129	0,303	0,003	0,007	0,192	FALSE
-0,045	0,301	-0,001	0,012	0,030	FALSE
-0,028	0,295	-0,001	0,006	0,036	FALSE
-0,009	0,294	0,000	0,007	0,012	FALSE
0,076	0,312	0,004	0,012	0,119	FALSE
0,057	0,299	0,002	0,011	0,060	FALSE
0,055	0,316	0,001	0,011	0,049	FALSE
-0,010	0,308	-0,001	0,010	0,018	FALSE
-0,045	0,304	-0,001	0,007	0,062	FALSE
0,041	0,326	0,001	0,008	0,034	FALSE
0,148	0,301	0,003	0,007	0,212	FALSE
-0,017	0,317	-0,001	0,010	0,019	FALSE
-0,119	0,304	-0,005	0,010	0,181	FALSE
0,107	0,311	0,003	0,008	0,156	FALSE
0,094	0,311	0,002	0,008	0,121	FALSE
-0,033	0,314	-0,001	0,011	0,022	FALSE
-0,059	0,302	-0,002	0,009	0,069	FALSE
-0,140	0,297	-0,004	0,009	0,176	FALSE
-0,123	0,310	-0,003	0,010	0,140	FALSE
-0,097	0,296	-0,003	0,009	0,116	FALSE
-0,099	0,303	-0,003	0,010	0,121	FALSE
-0,142	0,294	-0,006	0,012	0,211	FALSE
0,086	0,313	0,002	0,007	0,110	FALSE
0,073	0,300	0,002	0,006	0,094	FALSE
0,075	0,295	0,002	0,006	0,100	FALSE
0,074	0,308	0,001	0,007	0,083	FALSE
0,118	0,292	0,004	0,011	0,146	FALSE
0,046	0,311	0,001	0,007	0,034	FALSE
0,059	0,300	0,002	0,010	0,068	FALSE
-0,014	0,303	-0,001	0,008	0,033	FALSE
0,030	0,308	0,001	0,011	0,022	FALSE
-0,021	0,310	-0,001	0,011	0,043	FALSE
-0,081	0,315	-0,002	0,008	0,098	FALSE
-0,083	0,319	-0,002	0,010	0,088	FALSE
0,001	0,305	0,000	0,006	0,028	FALSE
0,040	0,314	0,002	0,013	0,066	FALSE

0,027	0,296	0,001	0,007	0,042	FALSE
0,103	0,304	0,004	0,011	0,124	FALSE
0,000	0,307	0,000	0,008	0,005	FALSE
-0,067	0,308	-0,002	0,009	0,086	FALSE
0,042	0,300	0,001	0,009	0,052	FALSE
-0,028	0,307	0,000	0,012	0,008	FALSE
0,015	0,308	0,001	0,012	0,034	FALSE
0,118	0,305	0,003	0,006	0,169	FALSE
-0,040	0,293	-0,001	0,008	0,038	FALSE
0,078	0,293	0,003	0,010	0,130	FALSE
0,054	0,305	0,001	0,007	0,075	FALSE
0,040	0,312	0,001	0,007	0,044	FALSE
0,093	0,310	0,002	0,007	0,104	FALSE
0,105	0,297	0,004	0,012	0,126	FALSE
-0,086	0,293	-0,003	0,012	0,096	FALSE
-0,098	0,297	-0,004	0,012	0,119	FALSE
-0,141	0,290	-0,005	0,013	0,165	FALSE
-0,025	0,314	-0,001	0,008	0,023	FALSE
0,049	0,296	0,001	0,009	0,043	FALSE
0,095	0,306	0,002	0,007	0,119	FALSE
-0,128	0,317	-0,003	0,007	0,155	FALSE
-0,055	0,304	-0,001	0,007	0,038	FALSE
0,064	0,299	0,004	0,011	0,130	FALSE
-0,021	0,306	-0,001	0,012	0,017	FALSE
0,008	0,302	0,001	0,011	0,044	FALSE
0,038	0,311	0,001	0,011	0,034	FALSE
0,156	0,294	0,005	0,009	0,238	FALSE
-0,007	0,299	0,000	0,008	0,006	FALSE
0,019	0,306	0,001	0,011	0,029	FALSE
-0,008	0,317	0,000	0,008	0,003	FALSE
0,107	0,316	0,004	0,010	0,153	FALSE
-0,099	0,310	-0,003	0,009	0,143	FALSE
-0,018	0,300	0,000	0,008	0,017	FALSE
0,026	0,314	0,001	0,008	0,060	FALSE
0,025	0,317	0,001	0,012	0,029	FALSE
0,089	0,310	0,003	0,010	0,105	FALSE
-0,090	0,311	-0,004	0,013	0,122	FALSE
-0,149	0,289	-0,005	0,010	0,203	FALSE
-0,111	0,283	-0,005	0,011	0,180	FALSE
-0,122	0,287	-0,005	0,011	0,185	FALSE
0,211	0,289	0,005	0,007	0,328	FALSE
-0,122	0,291	-0,006	0,012	0,233	FALSE
-0,071	0,311	-0,002	0,010	0,079	FALSE
-0,138	0,302	-0,003	0,007	0,153	FALSE
-0,052	0,305	-0,001	0,007	0,068	FALSE
0,049	0,305	0,002	0,009	0,065	FALSE
0,018	0,289	0,000	0,008	0,011	FALSE
0,000	0,311	-0,001	0,009	0,022	FALSE
0,076	0,303	0,002	0,008	0,083	FALSE
0,025	0,307	0,000	0,007	0,023	FALSE
0,171	0,302	0,007	0,012	0,230	FALSE
-0,091	0,315	-0,003	0,009	0,116	FALSE
0,133	0,294	0,006	0,012	0,203	FALSE

0,132	0,302	0,004	0,009	0,168	FALSE
-0,006	0,306	-0,001	0,008	0,037	FALSE
0,008	0,327	0,001	0,010	0,023	FALSE
0,062	0,311	0,002	0,008	0,082	FALSE
0,065	0,312	0,001	0,006	0,062	FALSE
0,039	0,324	0,002	0,013	0,048	FALSE
-0,009	0,308	-0,001	0,012	0,021	FALSE
0,005	0,311	0,000	0,012	0,004	FALSE
0,026	0,300	0,001	0,012	0,036	FALSE
0,107	0,295	0,002	0,008	0,120	FALSE
-0,079	0,301	-0,002	0,010	0,077	FALSE
0,039	0,298	0,002	0,009	0,074	FALSE
-0,026	0,309	-0,001	0,009	0,030	FALSE
-0,025	0,295	-0,001	0,007	0,045	FALSE
-0,008	0,306	-0,001	0,007	0,043	FALSE
-0,052	0,300	-0,002	0,012	0,066	FALSE
-0,031	0,305	-0,001	0,012	0,041	FALSE
0,070	0,303	0,002	0,010	0,063	FALSE
-0,029	0,301	0,000	0,012	0,007	FALSE
0,012	0,309	0,000	0,012	0,010	FALSE
0,021	0,316	0,000	0,013	0,002	FALSE
0,017	0,307	0,001	0,008	0,024	FALSE
-0,032	0,309	-0,001	0,011	0,048	FALSE
-0,048	0,311	-0,001	0,007	0,049	FALSE
0,085	0,309	0,003	0,009	0,139	FALSE
0,125	0,298	0,004	0,008	0,196	FALSE
0,068	0,315	0,002	0,008	0,078	FALSE
0,019	0,307	0,000	0,007	0,012	FALSE
-0,065	0,303	-0,002	0,009	0,094	FALSE
-0,023	0,309	-0,001	0,013	0,029	FALSE
-0,059	0,317	-0,002	0,009	0,076	FALSE
-0,029	0,313	-0,001	0,009	0,045	FALSE
-0,012	0,300	-0,001	0,010	0,047	FALSE
0,084	0,301	0,002	0,007	0,083	FALSE
0,091	0,291	0,003	0,010	0,101	FALSE
0,059	0,303	0,002	0,006	0,100	FALSE
-0,012	0,301	-0,001	0,012	0,031	FALSE
-0,035	0,294	-0,002	0,011	0,063	FALSE
-0,071	0,302	-0,003	0,013	0,088	FALSE
-0,012	0,309	0,000	0,011	0,000	FALSE
-0,152	0,299	-0,003	0,007	0,202	FALSE
-0,171	0,317	-0,004	0,007	0,213	FALSE
-0,121	0,302	-0,003	0,009	0,126	FALSE
-0,008	0,306	0,000	0,012	0,011	FALSE
0,048	0,314	0,001	0,010	0,048	FALSE
0,036	0,303	0,002	0,011	0,052	FALSE
0,059	0,308	0,002	0,009	0,090	FALSE
0,086	0,310	0,001	0,007	0,048	FALSE
-0,108	0,308	-0,003	0,007	0,156	FALSE
-0,114	0,306	-0,003	0,009	0,143	FALSE
0,014	0,306	0,000	0,006	0,007	FALSE
-0,027	0,305	0,000	0,009	0,015	FALSE
-0,027	0,313	-0,001	0,009	0,041	FALSE

0,073	0,299	0,004	0,011	0,136	FALSE
0,070	0,303	0,003	0,010	0,126	FALSE
-0,101	0,303	-0,004	0,010	0,162	FALSE
0,036	0,305	0,002	0,010	0,076	FALSE
-0,094	0,307	-0,005	0,012	0,154	FALSE
-0,128	0,312	-0,003	0,007	0,200	FALSE
-0,069	0,305	-0,001	0,006	0,060	FALSE
-0,026	0,309	-0,001	0,011	0,032	FALSE
-0,090	0,305	-0,003	0,008	0,132	FALSE
0,033	0,314	0,002	0,011	0,066	FALSE
-0,005	0,311	0,001	0,010	0,017	FALSE
-0,108	0,307	-0,004	0,011	0,134	FALSE
-0,130	0,306	-0,004	0,009	0,182	FALSE
0,025	0,306	0,001	0,007	0,054	FALSE
-0,031	0,297	-0,001	0,011	0,017	FALSE
-0,049	0,304	-0,001	0,008	0,027	FALSE
-0,103	0,306	-0,003	0,009	0,134	FALSE
-0,142	0,304	-0,004	0,008	0,195	FALSE
-0,068	0,316	-0,002	0,007	0,093	FALSE
-0,074	0,293	-0,002	0,009	0,096	FALSE
-0,086	0,315	-0,003	0,013	0,075	FALSE
-0,084	0,301	-0,004	0,012	0,116	FALSE
0,065	0,307	0,001	0,007	0,051	FALSE
0,133	0,298	0,002	0,006	0,148	FALSE
0,077	0,312	0,002	0,008	0,113	FALSE
-0,130	0,309	-0,003	0,007	0,163	FALSE
-0,126	0,315	-0,003	0,008	0,150	FALSE
-0,142	0,308	-0,003	0,007	0,179	FALSE
0,101	0,305	0,003	0,008	0,140	FALSE
-0,040	0,305	-0,001	0,009	0,059	FALSE
-0,028	0,319	-0,001	0,008	0,052	FALSE
-0,048	0,316	-0,002	0,008	0,072	FALSE
0,138	0,295	0,003	0,006	0,187	FALSE
-0,009	0,304	0,000	0,008	0,011	FALSE
-0,083	0,314	-0,003	0,010	0,121	FALSE
-0,086	0,297	-0,005	0,011	0,172	FALSE
0,069	0,298	0,002	0,008	0,094	FALSE
0,010	0,309	0,000	0,007	0,003	FALSE
0,017	0,309	0,000	0,006	0,025	FALSE
0,027	0,333	0,001	0,012	0,035	FALSE
-0,012	0,312	0,000	0,009	0,000	FALSE
0,022	0,318	0,001	0,011	0,044	FALSE
-0,034	0,313	-0,001	0,009	0,060	FALSE
0,030	0,309	0,002	0,012	0,054	FALSE
0,009	0,311	0,001	0,012	0,026	FALSE
0,069	0,304	0,001	0,007	0,078	FALSE
-0,122	0,319	-0,003	0,010	0,121	FALSE
0,018	0,315	0,000	0,010	0,007	FALSE
-0,080	0,299	-0,002	0,007	0,101	FALSE
0,073	0,323	0,001	0,008	0,061	FALSE
-0,135	0,305	-0,005	0,012	0,176	FALSE
-0,018	0,318	-0,001	0,007	0,042	FALSE
-0,059	0,299	-0,002	0,009	0,069	FALSE

-0,003	0,319	0,000	0,006	0,002	FALSE
-0,034	0,317	-0,001	0,012	0,036	FALSE
0,058	0,323	0,002	0,009	0,074	FALSE
0,031	0,321	0,000	0,007	0,013	FALSE
0,087	0,300	0,003	0,008	0,125	FALSE
0,076	0,297	0,001	0,006	0,093	FALSE
0,040	0,317	0,001	0,008	0,038	FALSE
0,102	0,313	0,003	0,008	0,155	FALSE
-0,049	0,301	-0,001	0,010	0,040	FALSE
-0,013	0,304	0,000	0,012	0,007	FALSE
-0,079	0,302	-0,002	0,007	0,108	FALSE
0,027	0,308	0,000	0,012	0,012	FALSE
-0,135	0,302	-0,003	0,008	0,164	FALSE
-0,088	0,291	-0,004	0,011	0,141	FALSE
0,004	0,295	0,001	0,011	0,021	FALSE
-0,065	0,304	-0,001	0,006	0,084	FALSE
-0,082	0,290	-0,002	0,008	0,107	FALSE
-0,139	0,301	-0,006	0,012	0,224	FALSE
-0,097	0,300	-0,002	0,006	0,128	FALSE
-0,039	0,310	-0,001	0,006	0,037	FALSE
-0,100	0,300	-0,003	0,008	0,153	FALSE
-0,114	0,299	-0,004	0,012	0,128	FALSE
-0,022	0,305	-0,002	0,008	0,085	FALSE
-0,018	0,300	-0,002	0,012	0,052	FALSE
-0,040	0,300	-0,001	0,007	0,063	FALSE
-0,144	0,306	-0,003	0,007	0,211	FALSE
-0,133	0,301	-0,004	0,009	0,214	FALSE
0,056	0,295	0,002	0,009	0,074	FALSE
0,048	0,299	0,001	0,007	0,048	FALSE
0,122	0,310	0,003	0,007	0,174	FALSE
0,100	0,300	0,003	0,010	0,131	FALSE
-0,020	0,308	-0,001	0,007	0,029	FALSE
-0,113	0,306	-0,002	0,006	0,143	FALSE
0,013	0,307	0,000	0,007	0,022	FALSE
-0,052	0,302	-0,001	0,008	0,054	FALSE
0,085	0,306	0,003	0,012	0,102	FALSE
0,071	0,291	0,003	0,011	0,084	FALSE
0,102	0,294	0,003	0,010	0,135	FALSE
-0,047	0,312	-0,001	0,006	0,068	FALSE
-0,238	0,290	-0,009	0,011	0,371	FALSE
0,021	0,322	0,001	0,007	0,029	FALSE
-0,131	0,314	-0,005	0,013	0,165	FALSE
0,059	0,291	0,002	0,008	0,080	FALSE
0,098	0,304	0,002	0,007	0,148	FALSE
0,143	0,301	0,004	0,009	0,206	FALSE
0,150	0,292	0,006	0,011	0,230	FALSE
0,145	0,300	0,005	0,012	0,156	FALSE
0,006	0,324	0,000	0,012	0,005	FALSE
-0,029	0,321	-0,001	0,012	0,034	FALSE
-0,038	0,311	-0,001	0,012	0,040	FALSE
0,088	0,307	0,002	0,008	0,109	FALSE
0,011	0,308	0,000	0,009	0,005	FALSE
0,024	0,321	0,000	0,007	0,008	FALSE

0,040	0,302	0,001	0,008	0,032	FALSE
-0,036	0,315	-0,001	0,012	0,034	FALSE
-0,028	0,280	-0,001	0,010	0,024	FALSE
-0,033	0,306	0,000	0,010	0,013	FALSE
0,028	0,304	0,002	0,011	0,068	FALSE
0,083	0,294	0,004	0,011	0,141	FALSE
0,102	0,296	0,004	0,011	0,152	FALSE
0,035	0,313	0,002	0,011	0,076	FALSE
-0,089	0,316	-0,003	0,009	0,149	FALSE
0,041	0,300	0,001	0,012	0,034	FALSE
-0,016	0,314	-0,001	0,008	0,029	FALSE
0,059	0,304	0,001	0,008	0,045	FALSE
0,051	0,299	0,002	0,010	0,080	FALSE
0,047	0,301	0,002	0,010	0,081	FALSE
0,086	0,308	0,002	0,006	0,105	FALSE
0,096	0,291	0,002	0,006	0,151	FALSE
0,014	0,302	0,000	0,006	0,018	FALSE
-0,005	0,307	0,000	0,008	0,018	FALSE
0,068	0,318	0,002	0,010	0,091	FALSE
0,120	0,315	0,006	0,013	0,182	FALSE
0,033	0,307	0,001	0,009	0,061	FALSE
0,027	0,310	0,001	0,009	0,058	FALSE
-0,101	0,296	-0,003	0,008	0,160	FALSE
-0,114	0,295	-0,005	0,012	0,184	FALSE
0,124	0,293	0,004	0,010	0,189	FALSE
-0,103	0,292	-0,002	0,010	0,092	FALSE
-0,017	0,305	-0,001	0,007	0,029	FALSE
0,074	0,322	0,002	0,011	0,085	FALSE
0,108	0,317	0,004	0,012	0,149	FALSE
0,079	0,313	0,003	0,011	0,106	FALSE
0,005	0,307	0,000	0,011	0,013	FALSE
-0,004	0,303	0,000	0,007	0,009	FALSE
0,093	0,283	0,003	0,008	0,156	FALSE
-0,062	0,323	-0,002	0,008	0,081	FALSE
-0,012	0,318	0,000	0,010	0,002	FALSE
0,062	0,292	0,001	0,006	0,081	FALSE
0,075	0,304	0,004	0,012	0,131	FALSE
0,043	0,310	0,001	0,007	0,076	FALSE
-0,119	0,318	-0,003	0,009	0,154	FALSE
0,034	0,303	0,001	0,012	0,036	FALSE
-0,024	0,318	-0,001	0,011	0,047	FALSE
0,007	0,304	0,000	0,007	0,018	FALSE
0,117	0,316	0,002	0,006	0,140	FALSE
-0,042	0,311	-0,002	0,011	0,054	FALSE
-0,102	0,305	-0,003	0,008	0,136	FALSE
-0,115	0,305	-0,003	0,008	0,159	FALSE
0,019	0,306	0,001	0,010	0,026	FALSE
-0,023	0,297	-0,001	0,006	0,035	FALSE
-0,040	0,311	-0,002	0,011	0,058	FALSE
0,076	0,306	0,003	0,012	0,102	FALSE
-0,088	0,300	-0,003	0,011	0,116	FALSE
-0,086	0,312	-0,004	0,011	0,127	FALSE
0,163	0,303	0,005	0,010	0,215	FALSE

0,025	0,300	0,001	0,012	0,026	FALSE
-0,063	0,313	-0,002	0,008	0,090	FALSE
0,031	0,305	0,001	0,006	0,062	FALSE
-0,127	0,303	-0,003	0,006	0,181	FALSE
0,098	0,318	0,002	0,007	0,108	FALSE
-0,059	0,303	-0,003	0,013	0,094	FALSE
-0,109	0,303	-0,002	0,006	0,127	FALSE
-0,076	0,298	-0,003	0,011	0,126	FALSE
-0,054	0,308	-0,001	0,007	0,057	FALSE
0,015	0,311	0,000	0,012	0,009	FALSE
-0,020	0,314	0,000	0,007	0,007	FALSE
0,069	0,309	0,001	0,007	0,078	FALSE
-0,044	0,311	-0,002	0,008	0,073	FALSE
-0,051	0,311	-0,002	0,008	0,074	FALSE
-0,015	0,320	-0,001	0,008	0,037	FALSE
-0,041	0,300	-0,002	0,008	0,074	FALSE
-0,033	0,312	-0,002	0,010	0,075	FALSE
-0,121	0,308	-0,005	0,013	0,148	FALSE
-0,053	0,311	-0,002	0,011	0,067	FALSE
-0,081	0,296	-0,003	0,010	0,113	FALSE
-0,160	0,310	-0,005	0,009	0,215	FALSE
0,134	0,304	0,004	0,012	0,153	FALSE
0,022	0,299	0,001	0,010	0,029	FALSE
-0,025	0,311	-0,001	0,011	0,029	FALSE
-0,037	0,300	-0,002	0,009	0,078	FALSE
0,078	0,323	0,003	0,012	0,087	FALSE
0,081	0,314	0,001	0,007	0,070	FALSE
0,025	0,318	0,001	0,008	0,021	FALSE
-0,004	0,312	0,000	0,009	0,008	FALSE
0,028	0,310	0,000	0,010	0,014	FALSE
0,058	0,306	0,001	0,007	0,074	FALSE
-0,090	0,307	-0,002	0,006	0,108	FALSE
-0,020	0,306	-0,001	0,008	0,044	FALSE
0,106	0,307	0,003	0,007	0,179	FALSE
0,020	0,309	0,000	0,007	0,018	FALSE
-0,077	0,303	-0,002	0,007	0,100	FALSE
-0,122	0,309	-0,005	0,012	0,153	FALSE
-0,092	0,299	-0,002	0,006	0,134	FALSE
-0,032	0,318	-0,001	0,009	0,028	FALSE
0,083	0,311	0,002	0,008	0,102	FALSE
0,004	0,302	0,000	0,010	0,015	FALSE
0,111	0,296	0,003	0,008	0,134	FALSE
0,134	0,301	0,003	0,008	0,157	FALSE
0,100	0,320	0,004	0,012	0,117	FALSE
0,005	0,297	0,000	0,010	0,016	FALSE
-0,006	0,316	0,000	0,011	0,010	FALSE
0,073	0,306	0,003	0,010	0,099	FALSE
-0,028	0,301	0,001	0,011	0,018	FALSE
-0,079	0,310	-0,004	0,012	0,120	FALSE
-0,075	0,308	-0,002	0,007	0,081	FALSE
0,094	0,310	0,002	0,009	0,108	FALSE
0,087	0,313	0,004	0,012	0,118	FALSE
-0,016	0,299	-0,002	0,012	0,046	FALSE

0,004	0,311	0,000	0,013	0,007	FALSE
0,031	0,308	0,002	0,010	0,063	FALSE
0,087	0,308	0,003	0,009	0,134	FALSE
0,092	0,310	0,003	0,007	0,147	FALSE
-0,017	0,310	-0,002	0,010	0,059	FALSE
0,073	0,316	0,002	0,010	0,066	FALSE
0,077	0,307	0,002	0,010	0,082	FALSE
0,047	0,297	0,001	0,010	0,041	FALSE
0,068	0,316	0,002	0,010	0,067	FALSE
-0,038	0,308	-0,002	0,013	0,071	FALSE
-0,037	0,309	-0,001	0,007	0,049	FALSE
-0,081	0,310	-0,003	0,012	0,096	FALSE
-0,023	0,308	-0,001	0,007	0,026	FALSE
-0,029	0,312	-0,001	0,008	0,032	FALSE
0,098	0,307	0,002	0,006	0,132	FALSE
0,086	0,302	0,002	0,008	0,099	FALSE
0,046	0,308	0,001	0,011	0,044	FALSE
0,080	0,302	0,003	0,012	0,103	FALSE
0,061	0,304	0,004	0,011	0,126	FALSE
0,007	0,308	0,000	0,010	0,010	FALSE
0,014	0,305	-0,001	0,011	0,018	FALSE
-0,134	0,318	-0,003	0,009	0,152	FALSE
0,187	0,302	0,008	0,013	0,267	FALSE
0,062	0,294	0,002	0,010	0,085	FALSE
0,106	0,301	0,003	0,007	0,171	FALSE
0,073	0,296	0,003	0,010	0,117	FALSE
-0,024	0,303	-0,001	0,007	0,049	FALSE
0,020	0,299	0,002	0,011	0,089	FALSE
-0,023	0,309	-0,001	0,009	0,052	FALSE
-0,023	0,314	-0,002	0,010	0,057	FALSE
0,003	0,324	0,000	0,007	0,001	FALSE
-0,090	0,309	-0,002	0,009	0,105	FALSE
0,034	0,311	0,001	0,006	0,068	FALSE
-0,012	0,303	-0,001	0,011	0,026	FALSE
0,020	0,322	0,000	0,007	0,009	FALSE
0,000	0,313	0,000	0,008	0,016	FALSE
0,009	0,310	0,001	0,012	0,016	FALSE
-0,058	0,310	-0,002	0,013	0,067	FALSE
0,121	0,296	0,002	0,006	0,141	FALSE
0,042	0,313	0,000	0,007	0,018	FALSE
0,006	0,314	-0,002	0,013	0,053	FALSE
-0,018	0,301	0,000	0,008	0,006	FALSE
-0,045	0,313	-0,002	0,013	0,046	FALSE
-0,111	0,310	-0,004	0,010	0,164	FALSE
0,113	0,304	0,004	0,010	0,173	FALSE
0,007	0,322	0,001	0,010	0,023	FALSE
0,021	0,313	0,001	0,010	0,033	FALSE
0,055	0,321	0,001	0,011	0,043	FALSE
0,017	0,305	0,000	0,010	0,003	FALSE
-0,027	0,310	0,000	0,008	0,014	FALSE
0,018	0,311	0,001	0,013	0,020	FALSE
-0,022	0,302	0,000	0,006	0,020	FALSE
0,048	0,308	0,002	0,008	0,078	FALSE

-0,053	0,315	-0,003	0,013	0,076	FALSE
0,028	0,308	0,002	0,011	0,052	FALSE
-0,081	0,323	-0,003	0,011	0,111	FALSE
0,021	0,312	0,000	0,008	0,001	FALSE
-0,034	0,307	-0,001	0,012	0,025	FALSE
0,086	0,312	0,003	0,010	0,133	FALSE
0,022	0,318	0,000	0,007	0,013	FALSE
0,018	0,300	0,001	0,008	0,063	FALSE
-0,056	0,300	-0,001	0,007	0,070	FALSE
-0,016	0,312	0,000	0,009	0,008	FALSE
0,035	0,318	0,001	0,008	0,032	FALSE
0,032	0,309	0,000	0,011	0,003	FALSE
-0,042	0,294	-0,001	0,009	0,047	FALSE
0,146	0,307	0,004	0,008	0,203	FALSE
0,130	0,305	0,004	0,009	0,173	FALSE
0,121	0,294	0,004	0,008	0,182	FALSE
0,085	0,302	0,002	0,011	0,084	FALSE
-0,089	0,296	-0,001	0,007	0,065	FALSE
0,011	0,325	0,001	0,012	0,043	FALSE
0,010	0,297	0,001	0,012	0,022	FALSE
0,039	0,319	0,001	0,009	0,024	FALSE
0,060	0,313	0,001	0,008	0,057	FALSE
0,045	0,293	0,003	0,009	0,113	FALSE
0,018	0,296	0,001	0,007	0,029	FALSE
0,084	0,300	0,004	0,010	0,162	FALSE
0,094	0,313	0,002	0,006	0,102	FALSE
-0,131	0,298	-0,004	0,012	0,141	FALSE
-0,003	0,302	0,000	0,007	0,013	FALSE
0,137	0,293	0,003	0,006	0,202	FALSE
0,020	0,299	0,001	0,012	0,022	FALSE
-0,109	0,314	-0,003	0,008	0,150	FALSE
-0,054	0,311	-0,002	0,008	0,079	FALSE
0,068	0,317	0,001	0,007	0,060	FALSE
0,014	0,298	0,001	0,006	0,034	FALSE
0,027	0,320	0,001	0,009	0,034	FALSE
0,055	0,316	0,002	0,011	0,082	FALSE
-0,050	0,299	-0,003	0,010	0,101	FALSE
0,019	0,291	0,000	0,010	0,017	FALSE
0,088	0,312	0,002	0,008	0,128	FALSE
0,056	0,305	0,002	0,010	0,093	FALSE
-0,035	0,312	-0,001	0,008	0,034	FALSE
-0,044	0,312	-0,001	0,012	0,037	FALSE
-0,118	0,299	-0,003	0,009	0,147	FALSE
-0,130	0,313	-0,004	0,010	0,166	FALSE
-0,029	0,305	-0,001	0,008	0,045	FALSE
0,138	0,312	0,005	0,012	0,186	FALSE
-0,103	0,310	-0,002	0,007	0,117	FALSE
-0,045	0,297	-0,001	0,011	0,021	FALSE
0,175	0,295	0,006	0,012	0,219	FALSE
-0,008	0,298	0,000	0,009	0,015	FALSE
-0,129	0,315	-0,005	0,013	0,156	FALSE
0,105	0,308	0,003	0,009	0,140	FALSE
0,091	0,303	0,004	0,012	0,127	FALSE

-0,016	0,297	0,000	0,009	0,006	FALSE
0,031	0,303	0,001	0,012	0,018	FALSE
-0,043	0,296	0,000	0,006	0,015	FALSE
-0,110	0,321	-0,003	0,010	0,122	FALSE
-0,002	0,305	0,000	0,006	0,018	FALSE
-0,036	0,310	-0,001	0,006	0,033	FALSE
-0,168	0,290	-0,006	0,010	0,279	FALSE
0,009	0,321	0,000	0,006	0,015	FALSE
0,072	0,313	0,002	0,008	0,103	FALSE
0,060	0,322	0,002	0,008	0,086	FALSE
-0,042	0,313	-0,001	0,010	0,044	FALSE
0,120	0,298	0,004	0,008	0,198	FALSE
-0,069	0,315	-0,003	0,010	0,097	FALSE
-0,002	0,313	0,000	0,013	0,002	FALSE
-0,003	0,291	-0,001	0,012	0,030	FALSE
0,123	0,306	0,004	0,011	0,166	FALSE
-0,120	0,300	-0,004	0,010	0,171	FALSE
0,027	0,314	0,001	0,010	0,034	FALSE
-0,213	0,292	-0,006	0,008	0,332	FALSE
-0,153	0,297	-0,004	0,008	0,231	FALSE
-0,069	0,297	-0,001	0,007	0,056	FALSE
-0,110	0,296	-0,004	0,011	0,159	FALSE
0,073	0,306	0,004	0,012	0,126	FALSE
0,011	0,278	0,001	0,009	0,029	FALSE
-0,021	0,314	-0,001	0,006	0,058	FALSE
0,120	0,290	0,005	0,011	0,196	FALSE
-0,073	0,294	-0,002	0,007	0,085	FALSE
-0,094	0,294	-0,002	0,008	0,111	FALSE
-0,034	0,315	-0,001	0,009	0,038	FALSE
0,114	0,308	0,003	0,007	0,169	FALSE
0,195	0,306	0,009	0,012	0,313	FALSE
-0,044	0,299	-0,002	0,012	0,047	FALSE
-0,018	0,314	-0,001	0,011	0,040	FALSE
0,029	0,300	0,003	0,011	0,103	FALSE
0,033	0,313	0,002	0,011	0,066	FALSE
-0,075	0,309	-0,003	0,009	0,118	FALSE
-0,106	0,311	-0,003	0,006	0,156	FALSE
-0,080	0,311	-0,003	0,010	0,093	FALSE
-0,020	0,307	-0,001	0,010	0,031	FALSE
0,014	0,303	0,000	0,008	0,004	FALSE
-0,083	0,313	-0,002	0,009	0,084	FALSE
0,036	0,311	0,002	0,012	0,063	FALSE
0,076	0,295	0,001	0,007	0,075	FALSE
-0,045	0,310	-0,001	0,009	0,059	FALSE
-0,039	0,302	-0,002	0,010	0,061	FALSE
-0,073	0,297	-0,003	0,011	0,109	FALSE
-0,113	0,296	-0,003	0,007	0,162	FALSE
-0,079	0,306	-0,003	0,009	0,111	FALSE
-0,113	0,302	-0,004	0,010	0,183	FALSE
-0,002	0,307	0,000	0,010	0,016	FALSE
-0,116	0,304	-0,002	0,006	0,137	FALSE
0,039	0,308	0,001	0,008	0,038	FALSE
0,093	0,314	0,002	0,008	0,099	FALSE

-0,035	0,304	-0,001	0,009	0,050	FALSE
0,059	0,301	0,001	0,006	0,072	FALSE
0,079	0,304	0,003	0,011	0,093	FALSE
-0,076	0,317	-0,001	0,007	0,077	FALSE
0,020	0,306	0,001	0,012	0,039	FALSE
0,003	0,318	0,001	0,012	0,018	FALSE
-0,063	0,295	-0,002	0,010	0,074	FALSE
-0,040	0,301	-0,002	0,011	0,068	FALSE
0,053	0,303	0,003	0,011	0,089	FALSE
-0,066	0,303	-0,003	0,010	0,104	FALSE
0,061	0,308	0,002	0,009	0,093	FALSE
0,086	0,296	0,003	0,008	0,126	FALSE
-0,078	0,307	-0,002	0,006	0,105	FALSE
0,010	0,308	0,000	0,010	0,003	FALSE
-0,127	0,306	-0,002	0,007	0,144	FALSE
-0,012	0,312	-0,001	0,011	0,023	FALSE
0,035	0,300	0,000	0,007	0,016	FALSE
-0,072	0,314	-0,002	0,007	0,093	FALSE
-0,103	0,321	-0,002	0,007	0,120	FALSE
0,116	0,310	0,005	0,012	0,150	FALSE
0,082	0,312	0,003	0,012	0,112	FALSE
-0,141	0,297	-0,004	0,008	0,216	FALSE
-0,046	0,310	-0,001	0,007	0,054	FALSE
0,154	0,295	0,004	0,007	0,251	FALSE
0,134	0,284	0,004	0,007	0,230	FALSE
-0,057	0,304	-0,002	0,009	0,087	FALSE
0,104	0,315	0,004	0,013	0,128	FALSE
-0,006	0,314	0,000	0,006	0,001	FALSE
0,106	0,292	0,004	0,009	0,166	FALSE
0,020	0,297	0,001	0,011	0,029	FALSE
0,022	0,309	0,002	0,010	0,053	FALSE
0,142	0,320	0,003	0,007	0,186	FALSE
0,019	0,311	0,001	0,011	0,042	FALSE
0,026	0,314	0,000	0,007	0,003	FALSE
-0,138	0,310	-0,003	0,007	0,148	FALSE
0,087	0,309	0,002	0,009	0,108	FALSE
-0,071	0,318	-0,002	0,008	0,076	FALSE
0,025	0,288	0,001	0,013	0,030	FALSE
-0,075	0,309	-0,003	0,013	0,105	FALSE
-0,027	0,303	0,000	0,007	0,005	FALSE
0,073	0,318	0,003	0,012	0,086	FALSE
-0,093	0,312	-0,002	0,009	0,110	FALSE
0,006	0,306	-0,001	0,008	0,031	FALSE
-0,057	0,312	-0,001	0,009	0,048	FALSE
0,021	0,309	0,000	0,007	0,017	FALSE
-0,110	0,302	-0,002	0,006	0,122	FALSE
0,057	0,304	0,002	0,012	0,046	FALSE
0,039	0,305	0,001	0,007	0,043	FALSE
-0,081	0,312	-0,002	0,007	0,093	FALSE
-0,145	0,305	-0,004	0,010	0,184	FALSE
-0,088	0,300	-0,004	0,012	0,129	FALSE
0,036	0,307	0,002	0,010	0,070	FALSE
-0,079	0,283	-0,003	0,008	0,140	FALSE

0,086	0,302	0,002	0,008	0,105	FALSE
-0,014	0,311	-0,001	0,007	0,027	FALSE
0,027	0,315	0,000	0,013	0,007	FALSE
0,046	0,306	0,001	0,007	0,054	FALSE
0,080	0,310	0,003	0,008	0,142	FALSE
0,014	0,311	0,000	0,009	0,016	FALSE
0,117	0,308	0,006	0,013	0,181	FALSE
0,109	0,316	0,002	0,006	0,145	FALSE
-0,051	0,307	-0,001	0,006	0,054	FALSE
-0,107	0,313	-0,002	0,008	0,123	FALSE
-0,068	0,305	-0,003	0,011	0,093	FALSE
-0,074	0,292	-0,002	0,006	0,132	FALSE
0,023	0,329	0,001	0,012	0,026	FALSE
-0,141	0,315	-0,005	0,010	0,227	FALSE
-0,118	0,296	-0,004	0,009	0,197	FALSE
0,136	0,305	0,004	0,007	0,216	FALSE
-0,022	0,298	-0,001	0,011	0,040	FALSE
-0,059	0,302	-0,002	0,006	0,093	FALSE
0,068	0,303	0,003	0,012	0,087	FALSE
0,075	0,317	0,003	0,012	0,084	FALSE
0,126	0,302	0,006	0,013	0,186	FALSE
-0,116	0,299	-0,005	0,012	0,153	FALSE
0,018	0,309	0,001	0,010	0,036	FALSE
-0,124	0,303	-0,003	0,007	0,170	FALSE
-0,143	0,306	-0,003	0,007	0,192	FALSE
-0,014	0,316	0,000	0,007	0,022	FALSE
0,041	0,316	0,001	0,007	0,061	FALSE
-0,012	0,310	-0,001	0,008	0,044	FALSE
-0,007	0,321	0,000	0,011	0,006	FALSE
-0,062	0,307	-0,002	0,008	0,091	FALSE
-0,059	0,306	-0,002	0,008	0,099	FALSE
0,000	0,297	0,000	0,007	0,004	FALSE
-0,079	0,301	-0,003	0,012	0,104	FALSE
0,034	0,308	0,002	0,012	0,048	FALSE
-0,010	0,305	-0,001	0,010	0,026	FALSE
-0,010	0,318	0,000	0,006	0,025	FALSE
0,084	0,296	0,003	0,008	0,154	FALSE
0,024	0,296	0,001	0,012	0,047	FALSE
0,027	0,291	0,001	0,011	0,049	FALSE
0,065	0,285	0,002	0,012	0,060	FALSE
-0,074	0,300	-0,003	0,009	0,110	FALSE
0,063	0,305	0,002	0,007	0,119	FALSE
-0,080	0,308	-0,003	0,009	0,115	FALSE
0,045	0,298	0,001	0,007	0,070	FALSE
-0,154	0,295	-0,004	0,008	0,211	FALSE
0,125	0,302	0,004	0,011	0,160	FALSE
-0,067	0,267	-0,003	0,011	0,113	FALSE
-0,087	0,276	-0,005	0,012	0,148	FALSE
-0,175	0,283	-0,007	0,011	0,294	TRUE
-0,197	0,286	-0,007	0,010	0,306	FALSE
-0,045	0,288	-0,003	0,012	0,097	FALSE
-0,098	0,292	-0,002	0,009	0,103	FALSE
0,027	0,299	0,000	0,006	0,019	FALSE

0,108	0,304	0,002	0,006	0,138	FALSE
0,007	0,305	0,000	0,012	0,001	FALSE
-0,008	0,312	0,000	0,013	0,008	FALSE
-0,025	0,314	-0,001	0,008	0,038	FALSE
0,014	0,309	0,000	0,008	0,009	FALSE
0,035	0,319	0,001	0,012	0,017	FALSE
0,016	0,320	0,001	0,007	0,053	FALSE
0,005	0,308	0,000	0,007	0,012	FALSE
-0,029	0,307	-0,001	0,009	0,050	FALSE
0,030	0,291	0,001	0,011	0,042	FALSE
-0,064	0,314	-0,002	0,010	0,063	FALSE
-0,116	0,305	-0,003	0,010	0,112	FALSE
-0,082	0,304	-0,002	0,009	0,069	FALSE
0,065	0,312	0,001	0,009	0,039	FALSE
-0,043	0,316	-0,001	0,008	0,056	FALSE
0,134	0,318	0,003	0,008	0,149	FALSE
0,082	0,300	0,002	0,007	0,111	FALSE
0,114	0,311	0,003	0,008	0,143	FALSE
0,073	0,321	0,002	0,007	0,100	FALSE
0,098	0,306	0,002	0,007	0,125	FALSE
-0,086	0,314	-0,003	0,010	0,110	FALSE
0,061	0,314	0,001	0,006	0,071	FALSE
-0,092	0,310	-0,003	0,009	0,131	FALSE
-0,038	0,316	-0,002	0,008	0,078	FALSE
-0,051	0,286	-0,002	0,007	0,098	FALSE
0,000	0,313	0,000	0,009	0,014	FALSE
-0,023	0,313	0,000	0,007	0,025	FALSE
-0,035	0,315	-0,001	0,009	0,023	FALSE
-0,037	0,310	-0,002	0,010	0,063	FALSE
-0,077	0,308	-0,002	0,010	0,081	FALSE
0,046	0,300	0,001	0,011	0,035	FALSE
0,019	0,304	0,000	0,010	0,013	FALSE
0,005	0,305	0,000	0,012	0,012	FALSE
0,022	0,303	0,000	0,011	0,010	FALSE
-0,015	0,301	0,000	0,008	0,020	FALSE
0,141	0,308	0,005	0,010	0,230	FALSE
-0,051	0,292	-0,001	0,012	0,035	FALSE
0,056	0,316	0,002	0,011	0,068	FALSE
0,145	0,295	0,004	0,008	0,208	FALSE
-0,001	0,313	0,000	0,007	0,005	FALSE
-0,014	0,316	0,000	0,007	0,018	FALSE
0,082	0,323	0,002	0,008	0,114	FALSE
-0,014	0,300	0,000	0,006	0,009	FALSE
0,083	0,290	0,005	0,012	0,159	FALSE
-0,068	0,315	-0,002	0,012	0,054	FALSE
-0,047	0,305	-0,001	0,007	0,028	FALSE
-0,066	0,313	-0,001	0,010	0,049	FALSE
-0,141	0,285	-0,005	0,012	0,161	FALSE
-0,076	0,285	-0,003	0,010	0,118	FALSE
0,083	0,309	0,003	0,009	0,109	FALSE
-0,049	0,316	-0,003	0,010	0,103	FALSE
0,070	0,304	0,003	0,012	0,087	FALSE
0,144	0,299	0,004	0,007	0,257	FALSE

-0,043	0,316	-0,002	0,008	0,092	FALSE
-0,087	0,305	-0,003	0,007	0,156	FALSE
0,057	0,318	0,001	0,007	0,076	FALSE
0,044	0,305	0,002	0,007	0,090	FALSE
0,141	0,300	0,004	0,008	0,198	FALSE
-0,004	0,296	0,000	0,007	0,022	FALSE
0,032	0,297	0,001	0,007	0,064	FALSE
0,067	0,303	0,002	0,011	0,058	FALSE
0,109	0,309	0,002	0,006	0,133	FALSE
0,006	0,313	0,000	0,009	0,011	FALSE
0,021	0,304	0,001	0,010	0,042	FALSE
-0,037	0,300	0,000	0,007	0,024	FALSE
-0,002	0,292	0,000	0,006	0,009	FALSE
0,040	0,304	0,001	0,006	0,062	FALSE
0,037	0,322	0,001	0,010	0,036	FALSE
-0,184	0,290	-0,006	0,010	0,275	FALSE
0,102	0,316	0,002	0,007	0,116	FALSE
0,053	0,314	0,002	0,011	0,055	FALSE
-0,100	0,283	-0,004	0,011	0,149	FALSE
-0,056	0,293	-0,002	0,011	0,086	FALSE
-0,191	0,298	-0,004	0,006	0,257	FALSE
-0,153	0,297	-0,005	0,009	0,239	FALSE
0,154	0,295	0,006	0,012	0,195	FALSE
0,003	0,314	0,000	0,013	0,005	FALSE
0,049	0,312	0,002	0,011	0,077	FALSE
0,112	0,290	0,004	0,011	0,131	FALSE
-0,058	0,301	-0,003	0,008	0,119	FALSE
-0,051	0,318	-0,001	0,006	0,047	FALSE
0,135	0,291	0,004	0,008	0,173	FALSE
0,052	0,306	0,002	0,008	0,090	FALSE
0,090	0,307	0,002	0,010	0,066	FALSE
0,102	0,296	0,004	0,010	0,159	FALSE
-0,023	0,310	-0,001	0,009	0,062	FALSE
0,160	0,286	0,004	0,006	0,247	FALSE
-0,087	0,309	-0,002	0,009	0,101	FALSE
0,024	0,306	0,001	0,009	0,044	FALSE
0,001	0,309	-0,001	0,009	0,024	FALSE
-0,065	0,295	-0,001	0,009	0,061	FALSE
-0,116	0,303	-0,004	0,008	0,202	FALSE
0,117	0,312	0,003	0,008	0,158	FALSE
-0,075	0,309	-0,002	0,012	0,074	FALSE
0,039	0,325	0,001	0,008	0,023	FALSE
0,003	0,317	0,000	0,007	0,008	FALSE
-0,115	0,310	-0,004	0,009	0,171	FALSE
0,016	0,305	0,000	0,013	0,002	FALSE
0,012	0,297	0,000	0,012	0,004	FALSE
-0,099	0,280	-0,003	0,011	0,128	FALSE
0,108	0,315	0,003	0,009	0,157	FALSE
0,034	0,313	0,001	0,007	0,055	FALSE
-0,034	0,304	0,000	0,007	0,014	FALSE
-0,064	0,317	-0,002	0,008	0,088	FALSE
-0,061	0,310	-0,001	0,008	0,066	FALSE
0,099	0,306	0,004	0,011	0,147	FALSE

0,004	0,316	0,000	0,007	0,006	FALSE
-0,076	0,304	-0,001	0,007	0,060	FALSE
-0,067	0,321	-0,001	0,009	0,062	FALSE
0,105	0,322	0,004	0,012	0,145	FALSE
0,091	0,301	0,004	0,012	0,125	FALSE
-0,098	0,309	-0,002	0,007	0,125	FALSE
0,009	0,300	0,000	0,009	0,004	FALSE
-0,027	0,318	-0,001	0,008	0,045	FALSE
0,081	0,308	0,002	0,007	0,106	FALSE
0,038	0,323	0,001	0,007	0,066	FALSE
-0,073	0,313	-0,002	0,007	0,098	FALSE
0,102	0,309	0,003	0,010	0,134	FALSE
0,108	0,299	0,003	0,008	0,159	FALSE
-0,022	0,311	-0,001	0,009	0,054	FALSE
-0,092	0,307	-0,004	0,012	0,132	FALSE
-0,029	0,305	-0,001	0,009	0,034	FALSE
0,008	0,316	0,000	0,013	0,013	FALSE
0,129	0,306	0,005	0,011	0,175	FALSE
0,179	0,299	0,005	0,007	0,286	FALSE
-0,144	0,295	-0,004	0,008	0,235	FALSE
0,123	0,306	0,004	0,011	0,161	FALSE
0,113	0,303	0,003	0,009	0,145	FALSE
0,176	0,296	0,007	0,012	0,245	FALSE
0,041	0,311	0,000	0,008	0,014	FALSE
-0,071	0,286	-0,004	0,011	0,134	FALSE
0,039	0,302	0,001	0,008	0,023	FALSE
0,144	0,304	0,004	0,009	0,203	FALSE
0,070	0,309	0,001	0,007	0,070	FALSE
0,121	0,288	0,005	0,010	0,210	FALSE
0,041	0,322	0,001	0,009	0,025	FALSE
0,164	0,300	0,003	0,006	0,240	FALSE
0,048	0,304	0,001	0,007	0,063	FALSE
0,079	0,316	0,002	0,009	0,080	FALSE
-0,054	0,300	-0,002	0,010	0,085	FALSE
0,050	0,315	0,001	0,007	0,058	FALSE
0,030	0,299	0,001	0,008	0,028	FALSE
-0,167	0,305	-0,005	0,009	0,240	FALSE
0,024	0,303	0,001	0,010	0,027	FALSE
0,032	0,301	0,001	0,011	0,019	FALSE
0,077	0,304	0,003	0,011	0,108	FALSE
-0,015	0,307	0,000	0,013	0,006	FALSE
0,041	0,314	0,001	0,007	0,044	FALSE
-0,079	0,306	-0,002	0,007	0,100	FALSE
-0,023	0,315	-0,002	0,010	0,060	FALSE
0,119	0,313	0,003	0,009	0,113	FALSE
-0,059	0,311	-0,002	0,011	0,057	FALSE
0,042	0,291	0,002	0,009	0,094	FALSE
0,099	0,307	0,003	0,009	0,157	FALSE
-0,038	0,297	-0,001	0,006	0,049	FALSE
-0,030	0,302	-0,001	0,007	0,028	FALSE
0,121	0,301	0,004	0,009	0,161	FALSE
0,130	0,297	0,003	0,006	0,177	FALSE
0,163	0,297	0,006	0,011	0,233	FALSE

0,110	0,291	0,002	0,007	0,134	FALSE
-0,038	0,315	-0,002	0,011	0,071	FALSE
-0,148	0,307	-0,005	0,011	0,204	FALSE
-0,140	0,298	-0,003	0,008	0,183	FALSE
0,042	0,293	0,001	0,006	0,036	FALSE
-0,102	0,302	-0,002	0,007	0,115	FALSE
-0,132	0,292	-0,004	0,010	0,192	FALSE
0,055	0,302	0,002	0,006	0,095	FALSE
0,077	0,300	0,002	0,006	0,122	FALSE
-0,030	0,303	-0,001	0,008	0,050	FALSE
-0,128	0,298	-0,003	0,011	0,116	FALSE
0,076	0,305	0,002	0,010	0,058	FALSE
0,003	0,310	0,000	0,008	0,007	FALSE
-0,032	0,303	-0,002	0,011	0,053	FALSE
-0,080	0,305	-0,002	0,007	0,123	FALSE
-0,010	0,303	-0,001	0,012	0,019	FALSE
-0,061	0,314	-0,003	0,012	0,095	FALSE
-0,070	0,312	-0,003	0,013	0,088	FALSE
0,076	0,315	0,003	0,013	0,083	FALSE
-0,114	0,300	-0,003	0,007	0,167	FALSE
0,085	0,304	0,002	0,007	0,113	FALSE
0,087	0,302	0,002	0,006	0,148	FALSE
-0,079	0,308	-0,002	0,007	0,080	FALSE
-0,147	0,296	-0,006	0,011	0,220	FALSE
-0,117	0,305	-0,004	0,011	0,159	FALSE
-0,118	0,297	-0,004	0,011	0,154	FALSE
0,065	0,291	0,002	0,008	0,097	FALSE
0,076	0,306	0,001	0,006	0,087	FALSE
-0,040	0,296	-0,001	0,009	0,043	FALSE
0,121	0,311	0,003	0,008	0,140	FALSE
-0,163	0,299	-0,005	0,009	0,251	FALSE
0,048	0,304	0,001	0,007	0,047	FALSE
0,005	0,278	0,000	0,006	0,023	FALSE
0,021	0,301	0,000	0,009	0,018	FALSE
-0,153	0,290	-0,003	0,007	0,166	FALSE
-0,016	0,306	-0,001	0,010	0,026	FALSE
-0,135	0,288	-0,004	0,008	0,182	FALSE
-0,050	0,305	-0,001	0,007	0,065	FALSE
-0,013	0,288	0,001	0,009	0,032	FALSE
-0,058	0,320	-0,001	0,011	0,044	FALSE
-0,082	0,303	-0,002	0,010	0,062	FALSE
-0,042	0,313	-0,001	0,011	0,041	FALSE
-0,033	0,310	-0,001	0,012	0,023	FALSE
0,147	0,302	0,003	0,006	0,194	FALSE
-0,084	0,301	-0,003	0,011	0,111	FALSE
0,021	0,323	0,000	0,009	0,003	FALSE
0,077	0,318	0,003	0,010	0,120	FALSE
0,002	0,313	0,000	0,008	0,017	FALSE
-0,027	0,315	-0,001	0,009	0,044	FALSE
0,196	0,296	0,009	0,013	0,291	FALSE
0,009	0,304	0,000	0,012	0,015	FALSE
-0,056	0,284	-0,003	0,013	0,090	FALSE
-0,086	0,317	-0,002	0,009	0,066	FALSE

-0,042	0,310	0,000	0,007	0,021	FALSE
-0,055	0,301	-0,001	0,006	0,061	FALSE
0,057	0,307	0,001	0,007	0,057	FALSE
0,041	0,301	0,001	0,009	0,049	FALSE
0,160	0,300	0,006	0,012	0,205	FALSE
0,075	0,308	0,003	0,010	0,103	FALSE
-0,155	0,295	-0,003	0,007	0,226	FALSE
0,107	0,299	0,004	0,011	0,153	FALSE
-0,185	0,310	-0,007	0,012	0,245	FALSE
0,168	0,312	0,007	0,012	0,248	FALSE
-0,040	0,307	-0,001	0,012	0,040	FALSE
-0,051	0,307	-0,002	0,010	0,058	FALSE
-0,084	0,310	-0,004	0,012	0,110	FALSE
-0,094	0,322	-0,003	0,010	0,123	FALSE
-0,039	0,303	-0,001	0,012	0,030	FALSE
-0,032	0,315	-0,001	0,011	0,027	FALSE
-0,094	0,305	-0,004	0,012	0,117	FALSE
-0,007	0,308	0,000	0,011	0,003	FALSE
0,186	0,288	0,008	0,011	0,319	FALSE
-0,013	0,298	0,000	0,010	0,012	FALSE
-0,063	0,311	-0,001	0,007	0,076	FALSE
0,036	0,319	0,002	0,010	0,062	FALSE
0,036	0,302	0,001	0,012	0,035	FALSE
-0,102	0,313	-0,004	0,013	0,107	FALSE
0,080	0,302	0,003	0,012	0,085	FALSE
-0,080	0,303	-0,002	0,012	0,078	FALSE
0,121	0,305	0,005	0,011	0,163	FALSE
0,021	0,301	0,001	0,008	0,043	FALSE
0,028	0,306	0,001	0,009	0,030	FALSE
0,089	0,311	0,002	0,012	0,067	FALSE
-0,021	0,309	0,000	0,007	0,011	FALSE
-0,025	0,310	-0,001	0,008	0,048	FALSE
-0,020	0,312	-0,001	0,011	0,024	FALSE
0,015	0,314	0,000	0,011	0,004	FALSE
0,046	0,316	0,001	0,007	0,068	FALSE
-0,002	0,309	0,000	0,008	0,002	FALSE
-0,051	0,312	-0,002	0,013	0,063	FALSE
-0,014	0,298	-0,001	0,012	0,026	FALSE
-0,143	0,300	-0,004	0,008	0,179	FALSE
0,112	0,297	0,004	0,010	0,149	FALSE
0,121	0,305	0,004	0,010	0,148	FALSE
0,017	0,294	0,000	0,006	0,027	FALSE
-0,024	0,295	-0,001	0,006	0,060	FALSE
-0,046	0,298	-0,002	0,011	0,056	FALSE
0,078	0,307	0,003	0,013	0,089	FALSE
-0,060	0,301	-0,001	0,007	0,071	FALSE
0,170	0,313	0,006	0,011	0,229	FALSE
-0,043	0,311	-0,001	0,011	0,049	FALSE
-0,111	0,295	-0,004	0,010	0,145	FALSE
0,006	0,310	0,001	0,006	0,031	FALSE
-0,135	0,298	-0,006	0,010	0,236	FALSE
0,012	0,313	0,000	0,006	0,003	FALSE
-0,122	0,310	-0,006	0,012	0,201	FALSE

-0,128	0,306	-0,006	0,013	0,195	FALSE
0,199	0,299	0,009	0,013	0,325	FALSE
0,036	0,316	0,001	0,007	0,057	FALSE
-0,030	0,306	-0,001	0,012	0,033	FALSE
-0,015	0,304	-0,001	0,012	0,024	FALSE
0,070	0,300	0,001	0,008	0,038	FALSE
-0,069	0,304	-0,003	0,011	0,101	FALSE
0,056	0,308	0,002	0,012	0,071	FALSE
-0,019	0,309	0,000	0,006	0,029	FALSE
-0,004	0,315	0,000	0,006	0,017	FALSE
-0,016	0,313	-0,001	0,006	0,037	FALSE
-0,030	0,313	0,000	0,007	0,009	FALSE
-0,082	0,310	-0,003	0,013	0,103	FALSE
0,058	0,289	0,004	0,012	0,116	FALSE
-0,051	0,291	-0,002	0,009	0,084	FALSE
-0,025	0,296	0,000	0,011	0,013	FALSE
0,042	0,310	0,001	0,011	0,029	FALSE
-0,033	0,315	-0,001	0,008	0,044	FALSE
-0,025	0,307	-0,001	0,009	0,028	FALSE
-0,090	0,301	-0,002	0,009	0,109	FALSE
-0,028	0,319	-0,001	0,008	0,037	FALSE
-0,114	0,312	-0,004	0,010	0,152	FALSE
0,029	0,315	0,000	0,006	0,026	FALSE
-0,037	0,311	-0,001	0,011	0,041	FALSE
0,109	0,306	0,003	0,007	0,139	FALSE
-0,017	0,306	-0,001	0,010	0,041	FALSE
0,031	0,333	0,001	0,008	0,023	FALSE
0,086	0,292	0,003	0,011	0,104	FALSE
0,034	0,314	0,001	0,009	0,058	FALSE
-0,141	0,318	-0,003	0,007	0,201	FALSE
0,070	0,305	0,002	0,008	0,088	FALSE
0,167	0,301	0,007	0,011	0,291	FALSE
-0,150	0,302	-0,003	0,008	0,177	FALSE
0,015	0,302	-0,001	0,012	0,019	FALSE
0,091	0,306	0,002	0,007	0,114	FALSE
0,004	0,307	0,000	0,008	0,005	FALSE
0,023	0,296	0,001	0,011	0,025	FALSE
-0,053	0,297	-0,003	0,012	0,097	FALSE
-0,013	0,307	-0,001	0,013	0,038	FALSE
0,078	0,316	0,003	0,009	0,128	FALSE
0,147	0,293	0,003	0,006	0,204	FALSE
0,100	0,306	0,002	0,007	0,127	FALSE
-0,037	0,299	0,000	0,006	0,025	FALSE
0,150	0,298	0,003	0,006	0,204	FALSE
0,021	0,299	0,000	0,008	0,013	FALSE
-0,047	0,302	-0,001	0,006	0,089	FALSE
0,077	0,316	0,003	0,012	0,098	FALSE
0,040	0,303	0,001	0,009	0,035	FALSE
0,041	0,305	0,002	0,010	0,061	FALSE
-0,171	0,299	-0,008	0,012	0,282	FALSE
0,061	0,313	0,002	0,008	0,081	FALSE
-0,038	0,303	-0,001	0,006	0,039	FALSE
0,017	0,309	0,000	0,012	0,004	FALSE

0,028	0,304	0,001	0,012	0,016	FALSE
-0,035	0,300	-0,001	0,008	0,059	FALSE
0,136	0,298	0,003	0,007	0,197	FALSE
-0,143	0,303	-0,005	0,011	0,175	FALSE
-0,053	0,305	-0,002	0,008	0,074	FALSE
0,095	0,313	0,004	0,012	0,127	FALSE
-0,010	0,298	0,000	0,008	0,013	FALSE
-0,084	0,291	-0,002	0,006	0,099	FALSE
0,027	0,304	0,001	0,011	0,036	FALSE
-0,086	0,303	-0,002	0,006	0,109	FALSE
-0,075	0,313	-0,003	0,011	0,095	FALSE
0,155	0,301	0,005	0,010	0,226	FALSE
0,177	0,299	0,006	0,010	0,271	FALSE
0,119	0,306	0,004	0,011	0,163	FALSE
0,145	0,301	0,005	0,011	0,210	FALSE
0,197	0,290	0,007	0,010	0,317	FALSE
0,068	0,313	0,002	0,013	0,068	FALSE
0,238	0,294	0,008	0,009	0,402	FALSE
0,192	0,297	0,007	0,010	0,305	FALSE
0,144	0,304	0,005	0,011	0,182	FALSE
-0,017	0,322	-0,001	0,007	0,026	FALSE
-0,016	0,304	-0,001	0,013	0,026	FALSE
0,044	0,309	0,002	0,013	0,049	FALSE
-0,045	0,305	-0,002	0,012	0,048	FALSE
-0,071	0,303	-0,002	0,009	0,100	FALSE
-0,031	0,302	-0,001	0,011	0,026	FALSE
0,018	0,298	0,001	0,007	0,040	FALSE
0,049	0,303	0,002	0,012	0,075	FALSE
0,012	0,311	0,000	0,009	0,014	FALSE
-0,072	0,301	-0,003	0,009	0,126	FALSE
-0,033	0,319	-0,001	0,009	0,036	FALSE
0,011	0,288	0,001	0,010	0,044	FALSE
0,055	0,306	0,003	0,013	0,093	FALSE
-0,038	0,298	-0,001	0,008	0,064	FALSE
0,081	0,294	0,004	0,011	0,127	FALSE
-0,172	0,305	-0,004	0,006	0,274	FALSE
0,023	0,310	0,001	0,012	0,029	FALSE
0,003	0,298	0,001	0,010	0,026	FALSE
0,035	0,292	0,002	0,010	0,075	FALSE
0,017	0,302	0,000	0,010	0,004	FALSE
0,031	0,315	0,001	0,011	0,047	FALSE
0,024	0,294	0,001	0,009	0,043	FALSE
0,065	0,302	0,002	0,007	0,082	FALSE
-0,093	0,305	-0,002	0,007	0,135	FALSE
-0,037	0,313	-0,001	0,007	0,051	FALSE
0,094	0,310	0,003	0,008	0,140	FALSE
0,030	0,314	0,001	0,011	0,046	FALSE
-0,010	0,309	0,000	0,007	0,026	FALSE
0,103	0,291	0,004	0,010	0,168	FALSE
-0,129	0,304	-0,004	0,009	0,165	FALSE
-0,099	0,307	-0,003	0,009	0,139	FALSE
-0,038	0,312	-0,001	0,010	0,055	FALSE
-0,072	0,304	-0,002	0,007	0,110	FALSE

-0,182	0,295	-0,005	0,008	0,258	FALSE
0,036	0,312	0,001	0,008	0,055	FALSE
0,091	0,306	0,002	0,008	0,119	FALSE
-0,124	0,306	-0,003	0,007	0,158	FALSE
0,069	0,305	0,002	0,008	0,121	FALSE
-0,107	0,318	-0,003	0,009	0,136	FALSE
0,026	0,317	0,001	0,007	0,041	FALSE
0,000	0,315	0,000	0,009	0,013	FALSE
-0,087	0,319	-0,002	0,009	0,109	FALSE
-0,072	0,311	-0,002	0,009	0,102	FALSE
0,011	0,320	0,000	0,009	0,007	FALSE
0,170	0,302	0,005	0,009	0,240	FALSE
0,001	0,303	0,001	0,008	0,029	FALSE
0,083	0,307	0,002	0,009	0,083	FALSE
-0,150	0,297	-0,004	0,008	0,212	FALSE
-0,003	0,300	0,000	0,010	0,012	FALSE
0,066	0,294	0,003	0,009	0,126	FALSE
0,030	0,296	0,002	0,009	0,067	FALSE
0,058	0,299	0,001	0,008	0,058	FALSE
0,027	0,298	0,000	0,007	0,005	FALSE
0,039	0,303	0,001	0,006	0,029	FALSE
0,069	0,306	0,001	0,008	0,067	FALSE
0,070	0,300	0,002	0,010	0,057	FALSE
-0,049	0,305	-0,001	0,009	0,057	FALSE
0,058	0,304	0,003	0,012	0,084	FALSE
0,150	0,301	0,004	0,009	0,215	FALSE
0,181	0,304	0,006	0,009	0,291	FALSE
0,017	0,295	0,001	0,010	0,028	FALSE
0,172	0,294	0,006	0,009	0,274	FALSE
-0,015	0,324	0,000	0,008	0,010	FALSE
-0,062	0,306	-0,001	0,006	0,077	FALSE
0,119	0,309	0,005	0,011	0,167	FALSE
-0,025	0,313	-0,002	0,012	0,060	FALSE
0,079	0,309	0,004	0,012	0,113	FALSE
0,064	0,309	0,003	0,013	0,086	FALSE
-0,073	0,316	-0,001	0,010	0,048	FALSE
-0,010	0,315	0,000	0,008	0,010	FALSE
0,036	0,305	0,000	0,010	0,008	FALSE
0,161	0,299	0,003	0,007	0,181	FALSE
-0,067	0,308	-0,002	0,012	0,057	FALSE
0,044	0,308	0,002	0,009	0,063	FALSE
0,084	0,311	0,003	0,010	0,122	FALSE
0,041	0,313	0,002	0,011	0,075	FALSE
0,032	0,301	0,002	0,010	0,067	FALSE
0,061	0,298	0,002	0,007	0,088	FALSE
-0,044	0,308	-0,002	0,009	0,067	FALSE
0,049	0,310	0,001	0,010	0,046	FALSE
-0,003	0,292	0,001	0,011	0,016	FALSE
-0,069	0,300	-0,002	0,010	0,081	FALSE
0,009	0,309	0,001	0,011	0,029	FALSE
-0,105	0,313	-0,005	0,012	0,186	FALSE
-0,037	0,299	-0,002	0,010	0,066	FALSE
-0,003	0,319	0,000	0,007	0,015	FALSE

0,016	0,315	0,000	0,007	0,006	FALSE
0,052	0,302	0,002	0,007	0,081	FALSE
-0,111	0,305	-0,004	0,012	0,128	FALSE
0,016	0,316	0,000	0,008	0,000	FALSE
-0,047	0,300	-0,001	0,006	0,078	FALSE
0,016	0,311	0,001	0,011	0,023	FALSE
-0,065	0,314	-0,003	0,012	0,097	FALSE
-0,091	0,308	-0,003	0,012	0,080	FALSE
0,100	0,295	0,002	0,007	0,143	FALSE
0,028	0,317	0,001	0,007	0,028	FALSE
-0,065	0,299	-0,003	0,012	0,078	FALSE
-0,050	0,321	-0,001	0,007	0,039	FALSE
0,094	0,313	0,003	0,011	0,124	FALSE
-0,021	0,316	0,000	0,010	0,001	FALSE
0,068	0,307	0,001	0,007	0,075	FALSE
-0,059	0,298	-0,002	0,008	0,102	FALSE
0,046	0,306	0,001	0,009	0,020	FALSE
-0,053	0,302	-0,001	0,007	0,046	FALSE
0,040	0,303	0,000	0,007	0,024	FALSE
-0,052	0,312	-0,002	0,009	0,083	FALSE
0,041	0,303	0,001	0,012	0,047	FALSE
-0,067	0,309	-0,002	0,011	0,079	FALSE
-0,013	0,303	-0,001	0,009	0,047	FALSE
-0,024	0,293	-0,001	0,009	0,033	FALSE
-0,117	0,307	-0,004	0,009	0,160	FALSE
-0,003	0,305	0,000	0,010	0,007	FALSE
0,006	0,314	0,000	0,013	0,006	FALSE
0,049	0,317	0,002	0,008	0,076	FALSE
0,053	0,302	0,003	0,012	0,088	FALSE
-0,075	0,319	-0,002	0,007	0,087	FALSE
-0,038	0,304	-0,001	0,008	0,037	FALSE
-0,151	0,290	-0,007	0,012	0,243	FALSE
0,031	0,299	0,000	0,006	0,027	FALSE
0,016	0,295	0,001	0,007	0,036	FALSE
-0,041	0,311	-0,002	0,010	0,077	FALSE
0,056	0,303	0,001	0,007	0,057	FALSE
-0,037	0,304	-0,001	0,008	0,054	FALSE
0,046	0,299	0,001	0,006	0,084	FALSE
-0,068	0,303	-0,002	0,009	0,099	FALSE
-0,028	0,315	-0,001	0,009	0,033	FALSE
0,093	0,311	0,003	0,009	0,117	FALSE
-0,027	0,300	-0,001	0,008	0,037	FALSE
0,055	0,306	0,001	0,013	0,022	FALSE
-0,027	0,311	0,001	0,010	0,019	FALSE
-0,007	0,312	0,000	0,011	0,008	FALSE
-0,079	0,332	-0,002	0,008	0,080	FALSE
-0,097	0,307	-0,002	0,007	0,114	FALSE
0,036	0,306	0,001	0,008	0,065	FALSE
-0,111	0,307	-0,003	0,007	0,145	FALSE
0,079	0,306	0,001	0,006	0,091	FALSE
-0,138	0,316	-0,003	0,007	0,191	FALSE
0,050	0,310	0,001	0,007	0,074	FALSE
-0,110	0,298	-0,003	0,007	0,163	FALSE

-0,164	0,311	-0,007	0,012	0,231	FALSE
0,020	0,311	0,001	0,011	0,019	FALSE
0,043	0,296	0,002	0,012	0,063	FALSE
0,102	0,302	0,004	0,012	0,128	FALSE
0,077	0,296	0,001	0,006	0,084	FALSE
-0,117	0,304	-0,004	0,008	0,181	FALSE
0,069	0,303	0,001	0,008	0,068	FALSE
-0,083	0,315	-0,001	0,007	0,064	FALSE
-0,063	0,313	-0,003	0,012	0,083	FALSE
0,039	0,300	0,001	0,007	0,058	FALSE
-0,002	0,299	0,000	0,009	0,001	FALSE
-0,054	0,324	-0,002	0,008	0,076	FALSE
0,019	0,302	0,001	0,011	0,026	FALSE
-0,067	0,306	-0,003	0,012	0,085	FALSE
-0,107	0,321	-0,003	0,008	0,129	FALSE
0,013	0,318	0,000	0,007	0,001	FALSE
-0,076	0,307	-0,003	0,009	0,125	FALSE
0,024	0,307	0,001	0,006	0,028	FALSE
0,053	0,306	0,001	0,008	0,056	FALSE
-0,016	0,311	-0,001	0,006	0,038	FALSE
0,062	0,309	0,001	0,006	0,071	FALSE
0,101	0,310	0,004	0,008	0,170	FALSE
-0,065	0,309	-0,002	0,008	0,075	FALSE
0,031	0,312	0,000	0,007	0,014	FALSE
-0,008	0,304	0,000	0,010	0,007	FALSE
0,015	0,303	0,001	0,006	0,054	FALSE
-0,036	0,303	-0,001	0,010	0,039	FALSE
0,102	0,308	0,003	0,008	0,145	FALSE
0,081	0,312	0,002	0,008	0,105	FALSE
0,056	0,298	0,002	0,008	0,101	FALSE
0,111	0,306	0,003	0,008	0,163	FALSE
-0,135	0,321	-0,004	0,008	0,185	FALSE
0,079	0,296	0,002	0,008	0,113	FALSE
-0,048	0,309	-0,002	0,011	0,078	FALSE
-0,127	0,303	-0,005	0,013	0,153	FALSE
-0,064	0,314	-0,001	0,006	0,048	FALSE
0,113	0,299	0,003	0,006	0,156	FALSE
0,120	0,318	0,004	0,010	0,161	FALSE
0,095	0,307	0,003	0,010	0,113	FALSE
-0,033	0,302	-0,001	0,009	0,025	FALSE
-0,031	0,315	-0,002	0,008	0,073	FALSE
-0,040	0,311	-0,001	0,008	0,046	FALSE
-0,055	0,316	-0,002	0,010	0,078	FALSE
-0,027	0,316	-0,002	0,012	0,054	FALSE
0,026	0,307	0,002	0,012	0,060	FALSE
0,098	0,296	0,004	0,008	0,189	FALSE
-0,007	0,310	0,000	0,012	0,003	FALSE
0,030	0,312	0,002	0,013	0,046	FALSE
0,011	0,307	0,001	0,010	0,032	FALSE
0,055	0,300	0,004	0,012	0,112	FALSE
-0,071	0,302	-0,003	0,013	0,088	FALSE
-0,124	0,300	-0,005	0,013	0,146	FALSE
-0,006	0,307	0,000	0,010	0,008	FALSE

-0,045	0,306	-0,001	0,007	0,059	FALSE
-0,047	0,317	-0,001	0,007	0,051	FALSE
0,014	0,310	0,000	0,008	0,021	FALSE
-0,023	0,305	-0,001	0,007	0,032	FALSE
-0,030	0,301	-0,001	0,008	0,046	FALSE
-0,145	0,288	-0,004	0,008	0,221	FALSE
-0,036	0,301	-0,001	0,010	0,033	FALSE
-0,032	0,307	0,000	0,007	0,012	FALSE
-0,055	0,308	-0,001	0,010	0,048	FALSE
-0,013	0,311	0,000	0,010	0,013	FALSE
0,114	0,307	0,004	0,010	0,165	FALSE
0,013	0,296	0,000	0,007	0,008	FALSE
-0,021	0,312	-0,002	0,012	0,046	FALSE
0,075	0,307	0,003	0,012	0,090	FALSE
-0,123	0,312	-0,004	0,012	0,127	FALSE
-0,037	0,311	-0,001	0,011	0,032	FALSE
-0,025	0,297	-0,001	0,006	0,050	FALSE
-0,005	0,315	-0,001	0,012	0,021	FALSE
-0,139	0,297	-0,003	0,007	0,157	FALSE
0,026	0,308	0,000	0,011	0,015	FALSE
0,100	0,301	0,003	0,010	0,130	FALSE
0,039	0,311	0,001	0,007	0,046	FALSE
0,110	0,300	0,003	0,008	0,161	FALSE
0,077	0,314	0,002	0,012	0,077	FALSE
0,111	0,310	0,002	0,007	0,116	FALSE
-0,115	0,305	-0,002	0,007	0,137	FALSE
0,118	0,300	0,003	0,008	0,166	FALSE
0,086	0,311	0,002	0,010	0,092	FALSE
0,054	0,300	0,002	0,008	0,092	FALSE
-0,039	0,319	-0,001	0,007	0,024	FALSE
0,068	0,303	0,004	0,012	0,129	FALSE
-0,011	0,318	-0,001	0,009	0,035	FALSE
0,203	0,311	0,006	0,008	0,341	FALSE
-0,106	0,316	-0,002	0,008	0,114	FALSE
-0,012	0,310	0,000	0,008	0,020	FALSE
-0,085	0,301	-0,002	0,008	0,092	FALSE
0,067	0,295	0,002	0,008	0,125	FALSE
0,002	0,321	0,000	0,007	0,027	FALSE
0,112	0,305	0,006	0,013	0,206	FALSE
-0,014	0,300	-0,001	0,010	0,022	FALSE
0,114	0,295	0,004	0,010	0,173	FALSE
0,020	0,292	0,000	0,011	0,012	FALSE
0,120	0,293	0,003	0,007	0,212	FALSE
-0,119	0,308	-0,003	0,009	0,130	FALSE
0,022	0,314	0,000	0,009	0,011	FALSE
0,033	0,306	0,001	0,011	0,047	FALSE
0,007	0,308	0,000	0,007	0,018	FALSE
-0,032	0,311	-0,001	0,012	0,028	FALSE
-0,032	0,302	-0,001	0,009	0,029	FALSE
-0,070	0,302	-0,002	0,010	0,092	FALSE
-0,142	0,306	-0,004	0,008	0,198	FALSE
-0,088	0,306	-0,002	0,007	0,121	FALSE
-0,007	0,314	-0,001	0,013	0,021	FALSE

-0,024	0,314	0,000	0,011	0,002	FALSE
-0,022	0,309	0,000	0,010	0,004	FALSE
0,030	0,311	0,000	0,009	0,016	FALSE
0,028	0,320	0,001	0,008	0,023	FALSE
-0,123	0,315	-0,003	0,007	0,160	FALSE
-0,106	0,312	-0,002	0,007	0,130	FALSE
-0,034	0,312	-0,001	0,009	0,031	FALSE
-0,033	0,294	0,000	0,008	0,012	FALSE
0,099	0,303	0,004	0,009	0,165	FALSE
0,110	0,297	0,004	0,009	0,187	FALSE
0,080	0,312	0,003	0,009	0,115	FALSE
-0,014	0,303	0,000	0,006	0,020	FALSE
0,062	0,294	0,002	0,008	0,086	FALSE
0,058	0,298	0,001	0,010	0,051	FALSE
-0,039	0,295	0,000	0,006	0,028	FALSE
0,046	0,297	0,002	0,013	0,066	FALSE
-0,096	0,295	-0,004	0,011	0,147	FALSE
-0,054	0,290	-0,001	0,006	0,064	FALSE
-0,043	0,309	-0,002	0,011	0,077	FALSE
-0,073	0,297	-0,002	0,010	0,088	FALSE
-0,055	0,306	-0,001	0,007	0,071	FALSE
0,136	0,297	0,005	0,011	0,199	FALSE
-0,026	0,306	-0,001	0,007	0,034	FALSE
-0,025	0,302	-0,001	0,007	0,033	FALSE
0,066	0,320	0,004	0,013	0,108	FALSE
0,122	0,301	0,005	0,010	0,200	FALSE
0,043	0,292	0,001	0,010	0,047	FALSE
-0,155	0,290	-0,007	0,012	0,257	FALSE
-0,063	0,303	-0,001	0,007	0,071	FALSE
-0,050	0,301	-0,001	0,012	0,022	FALSE
-0,021	0,308	0,001	0,013	0,019	FALSE
0,137	0,311	0,003	0,007	0,170	FALSE
-0,048	0,310	-0,001	0,007	0,078	FALSE
0,103	0,298	0,003	0,007	0,188	FALSE
-0,089	0,312	-0,004	0,012	0,144	FALSE
0,023	0,305	0,001	0,011	0,040	FALSE
-0,008	0,304	0,000	0,009	0,011	FALSE
-0,049	0,312	-0,002	0,011	0,079	FALSE
-0,031	0,316	-0,001	0,012	0,041	FALSE
0,036	0,313	0,001	0,012	0,040	FALSE
0,001	0,325	0,000	0,013	0,002	FALSE
-0,135	0,302	-0,004	0,008	0,232	FALSE
0,075	0,325	0,004	0,013	0,111	FALSE
-0,073	0,312	-0,002	0,007	0,097	FALSE
0,033	0,300	0,001	0,012	0,033	FALSE
-0,094	0,303	-0,003	0,007	0,147	FALSE
-0,089	0,304	-0,005	0,012	0,157	FALSE
-0,128	0,311	-0,006	0,012	0,193	FALSE
0,109	0,295	0,003	0,008	0,159	FALSE
0,089	0,302	0,002	0,012	0,070	FALSE
0,092	0,310	0,002	0,006	0,101	FALSE
0,027	0,303	0,001	0,009	0,044	FALSE
0,020	0,319	0,001	0,010	0,027	FALSE

-0,081	0,308	-0,004	0,012	0,125	FALSE
0,073	0,305	0,002	0,011	0,062	FALSE
0,054	0,304	0,001	0,006	0,062	FALSE
-0,117	0,304	-0,004	0,011	0,155	FALSE
-0,054	0,310	-0,002	0,009	0,069	FALSE
0,004	0,304	0,000	0,007	0,006	FALSE
-0,012	0,300	-0,001	0,011	0,036	FALSE
-0,055	0,303	-0,002	0,010	0,068	FALSE
-0,056	0,325	-0,002	0,008	0,078	FALSE
-0,025	0,299	-0,001	0,006	0,031	FALSE
-0,055	0,300	-0,001	0,006	0,069	FALSE
-0,013	0,309	0,000	0,009	0,004	FALSE
-0,050	0,307	-0,002	0,009	0,100	FALSE
-0,035	0,303	-0,001	0,010	0,030	FALSE
-0,096	0,318	-0,002	0,006	0,116	FALSE
-0,002	0,310	0,000	0,007	0,003	FALSE
-0,020	0,300	-0,001	0,011	0,039	FALSE
0,018	0,302	0,000	0,006	0,014	FALSE
-0,002	0,316	0,000	0,008	0,008	FALSE
-0,082	0,308	-0,003	0,012	0,083	FALSE
0,160	0,298	0,006	0,012	0,209	FALSE
0,088	0,280	0,003	0,008	0,124	FALSE
0,145	0,299	0,005	0,011	0,162	FALSE
0,001	0,308	0,000	0,008	0,006	FALSE
-0,078	0,300	-0,002	0,008	0,075	FALSE
-0,011	0,309	0,000	0,009	0,011	FALSE
0,032	0,299	0,001	0,006	0,058	FALSE
-0,061	0,301	-0,002	0,009	0,063	FALSE
0,032	0,313	0,000	0,008	0,016	FALSE
-0,005	0,313	0,000	0,008	0,011	FALSE
-0,007	0,314	-0,001	0,009	0,047	FALSE
-0,117	0,305	-0,004	0,012	0,116	FALSE
-0,149	0,310	-0,005	0,012	0,161	FALSE
-0,074	0,309	-0,002	0,010	0,074	FALSE
0,064	0,304	0,001	0,008	0,070	FALSE
-0,016	0,302	0,000	0,007	0,008	FALSE
0,057	0,311	0,001	0,007	0,039	FALSE
0,053	0,314	0,001	0,007	0,051	FALSE
0,105	0,302	0,004	0,011	0,133	FALSE
-0,011	0,320	-0,001	0,012	0,016	FALSE
0,029	0,302	0,001	0,009	0,048	FALSE
-0,022	0,313	-0,001	0,009	0,024	FALSE
0,055	0,314	0,001	0,012	0,042	FALSE
0,083	0,314	0,003	0,012	0,083	FALSE
-0,077	0,313	-0,002	0,008	0,100	FALSE
0,080	0,305	0,001	0,008	0,064	FALSE
0,032	0,297	0,002	0,010	0,085	FALSE
0,106	0,298	0,002	0,006	0,159	FALSE
-0,201	0,284	-0,009	0,012	0,349	FALSE
-0,173	0,301	-0,007	0,012	0,245	FALSE
-0,042	0,316	-0,002	0,008	0,068	FALSE
-0,144	0,296	-0,004	0,008	0,224	FALSE
-0,021	0,301	-0,001	0,012	0,023	FALSE

0,040	0,304	0,002	0,012	0,067	FALSE
0,044	0,297	0,001	0,008	0,043	FALSE
0,032	0,322	0,000	0,008	0,007	FALSE
-0,031	0,314	-0,001	0,011	0,026	FALSE
-0,010	0,300	-0,001	0,012	0,016	FALSE
0,023	0,322	0,001	0,007	0,030	FALSE
0,029	0,317	0,000	0,008	0,017	FALSE
0,108	0,293	0,003	0,007	0,155	FALSE
0,009	0,318	0,000	0,008	0,016	FALSE
0,026	0,326	0,001	0,008	0,037	FALSE
-0,162	0,303	-0,004	0,007	0,225	FALSE
-0,013	0,312	0,000	0,007	0,008	FALSE
0,055	0,320	0,002	0,012	0,069	FALSE
-0,041	0,311	-0,001	0,008	0,029	FALSE
0,044	0,306	0,000	0,007	0,016	FALSE
0,037	0,315	0,002	0,010	0,079	FALSE
0,003	0,300	-0,001	0,013	0,015	FALSE
-0,084	0,291	-0,002	0,007	0,103	FALSE
-0,079	0,309	-0,002	0,008	0,118	FALSE
0,041	0,304	0,000	0,007	0,000	FALSE
-0,060	0,319	-0,002	0,011	0,065	FALSE
0,007	0,306	0,000	0,009	0,015	FALSE
0,014	0,319	0,000	0,010	0,016	FALSE
-0,017	0,323	-0,001	0,008	0,037	FALSE
-0,059	0,311	-0,002	0,009	0,060	FALSE
0,061	0,311	0,003	0,011	0,105	FALSE
-0,067	0,316	-0,002	0,009	0,064	FALSE
0,015	0,288	0,001	0,011	0,031	FALSE
-0,004	0,312	0,000	0,012	0,011	FALSE
0,032	0,315	0,002	0,012	0,064	FALSE
-0,060	0,316	-0,002	0,012	0,055	FALSE
-0,079	0,296	-0,002	0,007	0,093	FALSE
0,047	0,299	0,001	0,008	0,055	FALSE
-0,084	0,283	-0,003	0,009	0,131	FALSE
-0,009	0,299	-0,001	0,009	0,028	FALSE
0,032	0,296	0,001	0,009	0,036	FALSE
0,004	0,312	0,000	0,011	0,006	FALSE
-0,033	0,307	0,000	0,006	0,026	FALSE
0,106	0,309	0,002	0,007	0,125	FALSE
-0,090	0,303	-0,003	0,009	0,138	FALSE
0,001	0,314	0,000	0,011	0,004	FALSE
0,043	0,314	0,001	0,011	0,048	FALSE
0,053	0,295	0,002	0,011	0,080	FALSE
-0,014	0,318	0,000	0,007	0,016	FALSE
0,020	0,291	0,000	0,007	0,014	FALSE
0,114	0,307	0,003	0,013	0,102	FALSE
0,006	0,303	0,001	0,009	0,050	FALSE
0,058	0,293	0,002	0,011	0,078	FALSE
0,062	0,301	0,002	0,007	0,118	FALSE
0,116	0,306	0,005	0,013	0,164	FALSE
-0,077	0,304	-0,003	0,011	0,094	FALSE
0,149	0,302	0,006	0,012	0,222	FALSE
0,151	0,303	0,006	0,012	0,209	FALSE

-0,154	0,312	-0,006	0,011	0,216	FALSE
0,118	0,299	0,005	0,011	0,185	FALSE
0,013	0,306	0,000	0,010	0,008	FALSE
-0,016	0,316	0,000	0,007	0,010	FALSE
0,086	0,299	0,002	0,007	0,091	FALSE
-0,025	0,317	-0,001	0,012	0,017	FALSE
-0,004	0,298	0,000	0,011	0,009	FALSE
-0,115	0,299	-0,002	0,007	0,141	FALSE
-0,065	0,294	-0,003	0,011	0,115	FALSE
-0,178	0,295	-0,006	0,011	0,234	FALSE
0,002	0,307	0,001	0,006	0,034	FALSE
-0,056	0,313	-0,002	0,008	0,075	FALSE
-0,009	0,315	0,001	0,013	0,020	FALSE
0,011	0,312	0,000	0,008	0,008	FALSE
0,007	0,306	0,000	0,009	0,015	FALSE
0,008	0,306	0,000	0,007	0,004	FALSE
-0,043	0,286	-0,001	0,007	0,037	FALSE
-0,046	0,303	-0,001	0,009	0,041	FALSE
-0,002	0,308	-0,001	0,012	0,017	FALSE
-0,029	0,312	-0,001	0,007	0,067	FALSE
-0,019	0,323	-0,001	0,013	0,018	FALSE
0,015	0,299	-0,001	0,009	0,024	FALSE
-0,090	0,305	-0,003	0,011	0,120	FALSE
0,136	0,303	0,004	0,009	0,175	FALSE
0,098	0,308	0,002	0,009	0,080	FALSE
0,028	0,312	0,001	0,008	0,035	FALSE
0,087	0,313	0,003	0,010	0,108	FALSE
0,131	0,301	0,004	0,008	0,219	FALSE
0,005	0,298	0,001	0,007	0,033	FALSE
0,006	0,312	0,001	0,008	0,031	FALSE
0,033	0,311	0,002	0,011	0,064	FALSE
-0,047	0,306	-0,001	0,009	0,061	FALSE
0,072	0,301	0,002	0,011	0,084	FALSE
0,041	0,307	0,001	0,012	0,026	FALSE
0,123	0,305	0,004	0,010	0,173	FALSE
-0,125	0,317	-0,004	0,010	0,174	FALSE
-0,040	0,319	-0,002	0,012	0,062	FALSE
0,094	0,310	0,004	0,013	0,121	FALSE
0,063	0,309	0,003	0,009	0,127	FALSE
0,053	0,308	0,002	0,010	0,079	FALSE
0,007	0,307	0,000	0,011	0,010	FALSE
-0,002	0,304	0,001	0,012	0,025	FALSE
0,001	0,310	-0,001	0,008	0,025	FALSE
0,035	0,304	0,001	0,007	0,034	FALSE
-0,081	0,305	-0,002	0,012	0,072	FALSE
0,030	0,299	0,002	0,012	0,060	FALSE
-0,041	0,312	-0,002	0,009	0,076	FALSE
0,163	0,307	0,007	0,012	0,233	FALSE
-0,149	0,297	-0,006	0,012	0,211	FALSE
-0,010	0,301	0,000	0,011	0,011	FALSE
0,167	0,305	0,005	0,009	0,229	FALSE
0,027	0,309	0,000	0,008	0,006	FALSE
-0,027	0,310	-0,001	0,012	0,038	FALSE

-0,020	0,309	0,000	0,006	0,027	FALSE
-0,056	0,298	-0,002	0,012	0,076	FALSE
-0,032	0,305	0,000	0,008	0,005	FALSE
0,069	0,297	0,002	0,007	0,114	FALSE
-0,048	0,327	-0,001	0,011	0,034	FALSE
0,040	0,307	0,002	0,011	0,076	FALSE
0,031	0,292	0,000	0,009	0,013	FALSE
-0,068	0,300	-0,003	0,010	0,131	FALSE
-0,013	0,316	-0,001	0,009	0,043	FALSE
-0,051	0,315	-0,003	0,010	0,102	FALSE
0,031	0,319	0,001	0,009	0,029	FALSE
0,066	0,302	0,002	0,007	0,086	FALSE
-0,049	0,303	-0,002	0,006	0,093	FALSE
0,046	0,305	0,001	0,007	0,076	FALSE
0,107	0,303	0,004	0,007	0,208	FALSE
0,067	0,313	0,002	0,008	0,092	FALSE
-0,034	0,309	-0,002	0,008	0,089	FALSE
-0,172	0,290	-0,010	0,013	0,340	FALSE
0,094	0,306	0,003	0,010	0,119	FALSE
0,042	0,297	0,001	0,008	0,043	FALSE
0,133	0,312	0,003	0,006	0,222	FALSE
-0,007	0,308	0,000	0,008	0,022	FALSE
-0,015	0,296	0,000	0,008	0,003	FALSE
0,121	0,306	0,005	0,013	0,174	FALSE
-0,127	0,292	-0,004	0,010	0,150	FALSE
0,028	0,308	0,001	0,008	0,036	FALSE
-0,020	0,300	-0,001	0,009	0,037	FALSE
0,037	0,302	0,001	0,006	0,067	FALSE
-0,084	0,313	-0,002	0,006	0,126	FALSE
0,114	0,309	0,003	0,009	0,135	FALSE
-0,016	0,315	-0,001	0,010	0,031	FALSE
-0,099	0,300	-0,002	0,007	0,110	FALSE
-0,114	0,293	-0,006	0,013	0,184	FALSE
0,036	0,296	0,000	0,007	0,018	FALSE
-0,048	0,315	-0,002	0,011	0,081	FALSE
-0,028	0,316	0,000	0,007	0,020	FALSE
-0,016	0,321	-0,001	0,010	0,037	FALSE
-0,028	0,308	-0,001	0,007	0,050	FALSE
0,130	0,294	0,006	0,012	0,214	FALSE
-0,030	0,323	-0,002	0,011	0,053	FALSE
-0,136	0,305	-0,005	0,011	0,187	FALSE
-0,177	0,289	-0,007	0,012	0,266	FALSE
0,055	0,308	0,003	0,011	0,096	FALSE
0,029	0,304	0,001	0,007	0,039	FALSE
0,104	0,297	0,003	0,011	0,116	FALSE
0,070	0,310	0,002	0,009	0,081	FALSE
-0,010	0,310	-0,001	0,013	0,034	FALSE
0,064	0,309	0,003	0,013	0,087	FALSE
0,036	0,307	0,001	0,009	0,039	FALSE
0,060	0,310	0,002	0,012	0,076	FALSE
-0,003	0,307	0,000	0,009	0,015	FALSE
-0,039	0,303	-0,002	0,007	0,091	FALSE
-0,004	0,301	-0,001	0,007	0,039	FALSE

-0,007	0,299	-0,001	0,007	0,062	FALSE
-0,015	0,299	-0,001	0,007	0,049	FALSE
-0,024	0,295	-0,001	0,007	0,077	FALSE
-0,043	0,313	-0,001	0,007	0,056	FALSE
0,100	0,296	0,001	0,007	0,067	FALSE
-0,127	0,305	-0,007	0,012	0,227	FALSE
-0,012	0,307	0,000	0,007	0,011	FALSE
-0,051	0,309	-0,002	0,010	0,062	FALSE
-0,057	0,309	-0,002	0,012	0,076	FALSE
0,094	0,291	0,005	0,011	0,172	FALSE
-0,024	0,314	0,000	0,007	0,017	FALSE
0,054	0,303	0,001	0,006	0,080	FALSE
0,112	0,301	0,003	0,006	0,188	FALSE
0,066	0,296	0,003	0,011	0,112	FALSE
-0,064	0,304	-0,002	0,009	0,093	FALSE
0,033	0,302	0,002	0,010	0,066	FALSE
-0,077	0,298	-0,002	0,007	0,094	FALSE
-0,041	0,295	-0,001	0,006	0,048	FALSE
0,073	0,311	0,001	0,007	0,062	FALSE
0,125	0,294	0,004	0,012	0,148	FALSE
0,033	0,314	0,001	0,011	0,023	FALSE
0,002	0,317	0,000	0,009	0,003	FALSE
-0,008	0,314	0,000	0,009	0,005	FALSE
0,044	0,318	0,001	0,007	0,046	FALSE
0,008	0,309	-0,001	0,012	0,017	FALSE
-0,022	0,310	-0,001	0,013	0,030	FALSE
-0,051	0,294	-0,001	0,009	0,022	FALSE
0,024	0,301	0,001	0,006	0,043	FALSE
0,054	0,297	0,003	0,011	0,097	FALSE
0,002	0,312	0,001	0,009	0,021	FALSE
0,013	0,301	-0,001	0,009	0,026	FALSE
0,008	0,316	0,000	0,012	0,003	FALSE
0,011	0,307	0,000	0,008	0,002	FALSE
0,019	0,304	0,000	0,009	0,019	FALSE
0,105	0,286	0,003	0,010	0,126	FALSE
-0,015	0,318	0,000	0,012	0,007	FALSE
-0,070	0,315	-0,003	0,011	0,093	FALSE
0,060	0,300	0,003	0,009	0,134	FALSE
0,050	0,316	0,003	0,010	0,106	FALSE
-0,124	0,310	-0,003	0,007	0,158	FALSE
0,067	0,302	0,002	0,007	0,106	FALSE
-0,113	0,318	-0,002	0,006	0,142	FALSE
0,088	0,307	0,002	0,006	0,151	FALSE
-0,214	0,302	-0,009	0,012	0,326	FALSE
-0,013	0,307	-0,001	0,008	0,040	FALSE
-0,053	0,316	-0,001	0,008	0,056	FALSE
-0,078	0,305	-0,002	0,008	0,091	FALSE
-0,011	0,301	0,000	0,006	0,019	FALSE
-0,086	0,290	-0,003	0,012	0,083	FALSE
-0,049	0,287	-0,002	0,012	0,047	FALSE
0,076	0,303	0,001	0,010	0,048	FALSE
-0,033	0,295	-0,001	0,012	0,036	FALSE
0,092	0,293	0,002	0,007	0,088	FALSE

0,091	0,300	0,002	0,008	0,101	FALSE
-0,081	0,314	-0,002	0,007	0,094	FALSE
0,042	0,295	0,000	0,009	0,017	FALSE
-0,048	0,288	-0,002	0,010	0,092	FALSE
-0,026	0,306	-0,001	0,007	0,044	FALSE
0,017	0,319	0,000	0,012	0,001	FALSE
-0,018	0,318	-0,001	0,012	0,036	FALSE
-0,040	0,312	-0,002	0,011	0,068	FALSE
0,071	0,302	0,003	0,011	0,097	FALSE
-0,065	0,306	-0,002	0,009	0,067	FALSE
-0,062	0,298	-0,001	0,006	0,077	FALSE
-0,021	0,311	0,000	0,013	0,013	FALSE
-0,171	0,296	-0,003	0,006	0,227	FALSE
-0,101	0,310	-0,002	0,008	0,122	FALSE
0,037	0,310	0,001	0,008	0,048	FALSE
0,021	0,313	0,001	0,012	0,015	FALSE
-0,116	0,305	-0,002	0,006	0,147	FALSE
-0,131	0,304	-0,005	0,011	0,172	FALSE
0,030	0,315	0,000	0,007	0,018	FALSE
-0,001	0,311	0,000	0,007	0,016	FALSE
0,018	0,323	0,001	0,013	0,017	FALSE
-0,027	0,327	0,000	0,010	0,016	FALSE
-0,120	0,291	-0,004	0,010	0,134	FALSE
-0,063	0,317	-0,001	0,008	0,060	FALSE
0,039	0,320	0,001	0,009	0,039	FALSE
-0,160	0,298	-0,007	0,012	0,250	FALSE
-0,027	0,308	-0,001	0,007	0,054	FALSE
-0,007	0,306	-0,001	0,007	0,034	FALSE
0,023	0,290	0,001	0,012	0,018	FALSE
-0,150	0,295	-0,007	0,012	0,235	FALSE
-0,075	0,317	-0,003	0,010	0,110	FALSE
-0,039	0,311	-0,001	0,010	0,037	FALSE
-0,027	0,313	0,000	0,008	0,023	FALSE
0,006	0,309	0,000	0,012	0,001	FALSE
0,038	0,305	0,001	0,008	0,068	FALSE
0,101	0,308	0,003	0,010	0,135	FALSE
-0,050	0,317	-0,001	0,007	0,047	FALSE
-0,025	0,305	0,000	0,007	0,010	FALSE
-0,120	0,288	-0,003	0,010	0,121	FALSE
-0,006	0,304	0,000	0,011	0,005	FALSE
-0,072	0,296	-0,002	0,008	0,112	FALSE
-0,076	0,299	-0,004	0,011	0,140	FALSE
-0,012	0,309	0,000	0,008	0,011	FALSE
0,080	0,293	0,001	0,006	0,089	FALSE
-0,085	0,315	-0,003	0,011	0,102	FALSE
0,028	0,306	0,001	0,007	0,026	FALSE
0,049	0,310	0,002	0,013	0,050	FALSE
0,076	0,309	0,002	0,009	0,099	FALSE
-0,006	0,308	0,000	0,007	0,019	FALSE
0,017	0,298	0,000	0,007	0,018	FALSE
0,043	0,318	0,001	0,007	0,058	FALSE
0,174	0,285	0,005	0,009	0,276	FALSE
0,082	0,302	0,003	0,009	0,133	FALSE

-0,055	0,320	-0,001	0,007	0,067	FALSE
-0,012	0,313	-0,001	0,010	0,019	FALSE
0,075	0,304	0,001	0,007	0,075	FALSE
-0,130	0,301	-0,003	0,007	0,163	FALSE
0,030	0,297	0,001	0,012	0,039	FALSE
0,086	0,298	0,005	0,012	0,156	FALSE
-0,157	0,311	-0,003	0,007	0,203	FALSE
-0,088	0,301	-0,002	0,009	0,066	FALSE
-0,055	0,298	-0,001	0,008	0,036	FALSE
-0,019	0,312	-0,001	0,009	0,032	FALSE
-0,067	0,306	-0,001	0,007	0,075	FALSE
-0,002	0,307	0,000	0,012	0,012	FALSE
0,160	0,307	0,006	0,010	0,245	FALSE
-0,138	0,313	-0,004	0,010	0,175	FALSE
-0,161	0,310	-0,005	0,009	0,209	FALSE
0,035	0,305	0,001	0,006	0,033	FALSE
0,005	0,300	-0,001	0,012	0,026	FALSE
-0,050	0,307	-0,002	0,012	0,052	FALSE
0,032	0,288	0,001	0,008	0,034	FALSE
0,023	0,297	0,001	0,010	0,029	FALSE
0,029	0,301	0,001	0,007	0,046	FALSE
-0,022	0,311	-0,001	0,013	0,034	FALSE
0,112	0,307	0,004	0,011	0,152	FALSE
0,067	0,302	0,003	0,011	0,099	FALSE
-0,102	0,300	-0,004	0,010	0,149	FALSE
-0,131	0,299	-0,005	0,010	0,203	FALSE
-0,011	0,318	0,000	0,007	0,022	FALSE
-0,085	0,299	-0,002	0,008	0,119	FALSE
-0,043	0,305	0,000	0,009	0,014	FALSE
-0,006	0,314	-0,001	0,010	0,036	FALSE
-0,057	0,310	-0,001	0,009	0,055	FALSE
-0,071	0,296	-0,002	0,009	0,093	FALSE
-0,033	0,299	-0,001	0,011	0,025	FALSE
0,121	0,300	0,005	0,012	0,166	FALSE
-0,124	0,307	-0,006	0,011	0,215	FALSE
0,003	0,320	0,001	0,012	0,018	FALSE
0,019	0,293	0,000	0,010	0,011	FALSE
0,002	0,316	0,000	0,012	0,003	FALSE
-0,074	0,300	-0,004	0,011	0,126	FALSE
-0,003	0,303	0,000	0,012	0,001	FALSE
-0,021	0,300	0,000	0,006	0,017	FALSE
0,056	0,291	0,002	0,012	0,055	FALSE
0,111	0,312	0,004	0,010	0,138	FALSE
0,184	0,309	0,004	0,006	0,277	FALSE
0,166	0,287	0,006	0,012	0,219	FALSE
-0,070	0,306	-0,002	0,012	0,049	FALSE
-0,136	0,304	-0,004	0,007	0,208	FALSE
0,017	0,311	0,001	0,006	0,052	FALSE
-0,054	0,295	-0,001	0,009	0,036	FALSE
-0,046	0,295	-0,001	0,007	0,063	FALSE
-0,035	0,298	0,000	0,006	0,027	FALSE
0,008	0,310	0,001	0,008	0,024	FALSE
0,038	0,312	0,001	0,009	0,061	FALSE

0,099	0,290	0,002	0,006	0,152	FALSE
-0,031	0,311	-0,001	0,011	0,032	FALSE
-0,063	0,314	-0,002	0,007	0,084	FALSE
0,073	0,304	0,003	0,009	0,110	FALSE
0,009	0,310	-0,001	0,011	0,029	FALSE
-0,051	0,296	-0,002	0,012	0,072	FALSE
-0,009	0,308	-0,001	0,007	0,045	FALSE
-0,005	0,314	0,000	0,012	0,012	FALSE
-0,013	0,319	-0,001	0,008	0,025	FALSE
-0,088	0,316	-0,003	0,013	0,094	FALSE
0,016	0,301	0,001	0,007	0,032	FALSE
-0,016	0,283	-0,001	0,007	0,030	FALSE
-0,017	0,301	-0,001	0,012	0,017	FALSE
0,002	0,306	-0,001	0,007	0,041	FALSE
0,105	0,284	0,004	0,009	0,196	FALSE
0,047	0,302	0,001	0,006	0,076	FALSE
-0,117	0,298	-0,005	0,012	0,150	FALSE
-0,024	0,296	0,000	0,008	0,002	FALSE
-0,137	0,305	-0,006	0,012	0,202	FALSE
-0,078	0,306	-0,004	0,011	0,137	FALSE
0,006	0,328	0,000	0,007	0,009	FALSE
0,079	0,304	0,002	0,008	0,121	FALSE
0,184	0,301	0,007	0,011	0,259	FALSE
0,176	0,298	0,006	0,010	0,265	FALSE
-0,033	0,306	-0,001	0,012	0,032	FALSE
-0,014	0,297	-0,001	0,008	0,033	FALSE
-0,028	0,305	-0,001	0,008	0,039	FALSE
-0,040	0,314	-0,002	0,013	0,056	FALSE
-0,004	0,292	-0,001	0,011	0,026	FALSE
-0,168	0,312	-0,007	0,012	0,223	FALSE
-0,087	0,309	-0,003	0,012	0,104	FALSE
0,031	0,320	0,001	0,010	0,037	FALSE
-0,017	0,295	0,000	0,009	0,018	FALSE
-0,033	0,312	-0,002	0,011	0,054	FALSE
-0,083	0,296	-0,003	0,012	0,105	FALSE
-0,043	0,297	-0,001	0,010	0,031	FALSE
-0,076	0,308	-0,002	0,007	0,115	FALSE
-0,082	0,320	-0,003	0,013	0,073	FALSE
0,080	0,301	0,004	0,012	0,130	FALSE
-0,160	0,288	-0,008	0,012	0,289	FALSE
-0,005	0,318	0,000	0,008	0,017	FALSE
0,007	0,301	0,000	0,007	0,021	FALSE
-0,051	0,289	-0,002	0,008	0,077	FALSE
-0,032	0,309	-0,002	0,010	0,062	FALSE
-0,080	0,308	-0,003	0,011	0,116	FALSE
0,095	0,288	0,003	0,007	0,171	FALSE
-0,002	0,299	0,000	0,012	0,006	FALSE
-0,093	0,308	-0,003	0,011	0,120	FALSE
-0,070	0,311	-0,004	0,012	0,118	FALSE
0,178	0,299	0,007	0,012	0,256	FALSE
0,069	0,291	0,002	0,010	0,063	FALSE
0,078	0,298	0,002	0,007	0,091	FALSE
-0,123	0,291	-0,005	0,011	0,195	FALSE

0,062	0,296	0,002	0,011	0,059	FALSE
0,167	0,294	0,004	0,007	0,298	FALSE
-0,078	0,316	-0,002	0,008	0,124	FALSE
-0,006	0,311	-0,001	0,007	0,031	FALSE
-0,006	0,290	0,000	0,007	0,009	FALSE
0,002	0,300	0,000	0,009	0,004	FALSE
0,008	0,290	0,000	0,012	0,008	FALSE
-0,044	0,300	-0,001	0,006	0,044	FALSE
0,030	0,315	0,001	0,008	0,044	FALSE
-0,140	0,309	-0,004	0,009	0,184	FALSE
0,033	0,304	0,001	0,012	0,024	FALSE
-0,079	0,314	-0,004	0,013	0,112	FALSE
-0,025	0,309	0,000	0,009	0,007	FALSE
-0,024	0,303	0,000	0,008	0,011	FALSE
-0,138	0,313	-0,003	0,008	0,166	FALSE
-0,136	0,304	-0,003	0,007	0,155	FALSE
0,066	0,311	0,001	0,008	0,058	FALSE
0,126	0,299	0,002	0,006	0,151	FALSE
-0,040	0,314	-0,003	0,013	0,088	FALSE
0,006	0,306	0,000	0,008	0,010	FALSE
0,035	0,312	0,002	0,009	0,061	FALSE
0,180	0,299	0,004	0,007	0,209	FALSE
0,031	0,317	0,000	0,012	0,004	FALSE
0,101	0,303	0,002	0,007	0,110	FALSE
0,014	0,298	0,001	0,007	0,045	FALSE
-0,048	0,305	-0,002	0,012	0,057	FALSE
-0,016	0,308	-0,001	0,012	0,016	FALSE
0,049	0,308	0,001	0,008	0,062	FALSE
0,006	0,298	0,000	0,008	0,023	FALSE
-0,015	0,313	0,000	0,008	0,010	FALSE
0,009	0,302	0,000	0,013	0,003	FALSE
-0,009	0,324	-0,001	0,013	0,020	FALSE
0,060	0,315	0,002	0,013	0,059	FALSE
0,079	0,306	0,002	0,008	0,080	FALSE
-0,045	0,306	-0,002	0,012	0,056	FALSE
-0,074	0,296	-0,002	0,007	0,129	FALSE
0,054	0,320	0,003	0,010	0,102	FALSE
-0,054	0,302	-0,002	0,012	0,054	FALSE
-0,021	0,307	-0,001	0,011	0,040	FALSE
-0,068	0,289	-0,001	0,006	0,073	FALSE
-0,018	0,324	0,000	0,010	0,009	FALSE
0,179	0,301	0,005	0,010	0,223	FALSE
-0,049	0,313	-0,002	0,012	0,050	FALSE
-0,032	0,314	-0,001	0,011	0,027	FALSE
0,006	0,308	0,000	0,011	0,009	FALSE
-0,075	0,318	-0,002	0,010	0,065	FALSE
0,011	0,308	0,000	0,011	0,005	FALSE
0,049	0,307	0,001	0,012	0,040	FALSE
0,027	0,304	0,001	0,012	0,037	FALSE
0,044	0,303	0,001	0,012	0,034	FALSE
0,018	0,308	0,001	0,008	0,026	FALSE
-0,002	0,303	0,000	0,008	0,012	FALSE
-0,057	0,309	-0,001	0,008	0,062	FALSE

-0,097	0,304	-0,002	0,007	0,109	FALSE
0,041	0,299	0,001	0,011	0,034	FALSE
0,048	0,315	0,001	0,011	0,046	FALSE
0,023	0,319	0,000	0,012	0,010	FALSE
-0,026	0,312	-0,002	0,010	0,081	FALSE
-0,098	0,310	-0,004	0,012	0,130	FALSE
0,190	0,317	0,005	0,010	0,236	FALSE
-0,021	0,304	-0,002	0,012	0,050	FALSE
0,035	0,318	0,001	0,010	0,040	FALSE
0,025	0,321	0,002	0,013	0,056	FALSE
-0,067	0,301	-0,002	0,007	0,096	FALSE
0,023	0,318	0,001	0,009	0,022	FALSE
0,012	0,296	0,000	0,009	0,018	FALSE
0,006	0,330	0,000	0,008	0,001	FALSE
-0,011	0,303	0,000	0,009	0,010	FALSE
0,044	0,302	0,001	0,009	0,036	FALSE
0,049	0,309	0,002	0,012	0,050	FALSE
-0,026	0,308	-0,001	0,007	0,046	FALSE
-0,027	0,308	-0,001	0,009	0,034	FALSE
-0,030	0,304	-0,001	0,011	0,019	FALSE
-0,031	0,293	-0,001	0,006	0,041	FALSE
0,014	0,314	0,000	0,007	0,008	FALSE
0,067	0,303	0,002	0,011	0,063	FALSE
-0,087	0,304	-0,002	0,010	0,097	FALSE
-0,027	0,311	-0,002	0,011	0,071	FALSE
-0,060	0,295	-0,003	0,011	0,118	FALSE
0,134	0,285	0,003	0,006	0,181	FALSE
0,108	0,294	0,003	0,010	0,099	FALSE
0,042	0,304	0,001	0,009	0,020	FALSE
-0,011	0,321	0,000	0,008	0,011	FALSE
-0,026	0,323	-0,002	0,013	0,049	FALSE
0,056	0,314	0,001	0,008	0,066	FALSE
-0,051	0,311	-0,001	0,012	0,039	FALSE
-0,038	0,309	-0,001	0,013	0,035	FALSE
-0,032	0,305	-0,002	0,013	0,060	FALSE
0,101	0,293	0,004	0,010	0,145	FALSE
0,007	0,317	0,000	0,009	0,007	FALSE
0,107	0,313	0,004	0,010	0,136	FALSE
0,036	0,307	0,001	0,009	0,032	FALSE
-0,150	0,305	-0,004	0,009	0,209	FALSE
-0,024	0,301	-0,001	0,011	0,027	FALSE
-0,015	0,317	-0,001	0,010	0,023	FALSE
0,077	0,298	0,004	0,010	0,152	FALSE
0,074	0,311	0,004	0,011	0,124	FALSE
0,024	0,302	0,001	0,007	0,060	FALSE
0,101	0,293	0,002	0,006	0,163	FALSE
-0,046	0,308	-0,001	0,006	0,069	FALSE
0,064	0,318	0,002	0,007	0,087	FALSE
0,137	0,304	0,006	0,010	0,235	FALSE
0,106	0,312	0,002	0,006	0,142	FALSE
0,140	0,282	0,006	0,010	0,272	FALSE
0,086	0,307	0,002	0,007	0,116	FALSE
0,061	0,315	0,001	0,007	0,069	FALSE

-0,071	0,299	-0,004	0,010	0,149	FALSE
-0,005	0,309	-0,001	0,008	0,025	FALSE
-0,032	0,295	-0,002	0,008	0,068	FALSE
0,006	0,303	0,000	0,009	0,006	FALSE
0,045	0,294	0,000	0,006	0,025	FALSE
-0,008	0,303	0,001	0,010	0,025	FALSE
-0,135	0,302	-0,003	0,006	0,188	FALSE
-0,050	0,306	-0,002	0,010	0,056	FALSE
0,047	0,312	0,002	0,009	0,065	FALSE
0,092	0,325	0,002	0,007	0,110	FALSE
0,143	0,308	0,006	0,012	0,204	FALSE
0,134	0,300	0,005	0,012	0,173	FALSE
-0,142	0,306	-0,004	0,009	0,211	FALSE
0,132	0,307	0,005	0,010	0,207	FALSE
-0,127	0,310	-0,002	0,007	0,136	FALSE
-0,104	0,317	-0,002	0,007	0,137	FALSE
0,009	0,317	0,000	0,007	0,003	FALSE
-0,078	0,304	-0,003	0,009	0,120	FALSE
0,142	0,305	0,004	0,009	0,172	FALSE
0,112	0,312	0,003	0,009	0,143	FALSE
0,003	0,305	0,001	0,006	0,037	FALSE
-0,142	0,299	-0,003	0,007	0,170	FALSE
0,098	0,296	0,003	0,009	0,117	FALSE
-0,045	0,302	-0,002	0,012	0,058	FALSE
0,023	0,312	0,000	0,010	0,003	FALSE
-0,094	0,302	-0,004	0,012	0,132	FALSE
0,020	0,312	0,000	0,010	0,016	FALSE
0,049	0,301	0,001	0,009	0,057	FALSE
0,025	0,310	0,000	0,009	0,018	FALSE
0,121	0,320	0,003	0,008	0,124	FALSE
-0,044	0,306	-0,002	0,009	0,077	FALSE
-0,041	0,317	-0,002	0,009	0,064	FALSE
-0,086	0,297	-0,001	0,006	0,084	FALSE
-0,025	0,311	-0,002	0,012	0,048	FALSE
-0,073	0,299	-0,001	0,008	0,071	FALSE
-0,142	0,286	-0,005	0,010	0,217	FALSE
-0,146	0,305	-0,006	0,012	0,191	FALSE
-0,136	0,301	-0,003	0,007	0,175	FALSE
-0,163	0,310	-0,007	0,013	0,226	FALSE
-0,152	0,295	-0,006	0,012	0,219	FALSE
-0,159	0,305	-0,006	0,013	0,199	FALSE
-0,200	0,298	-0,009	0,012	0,314	FALSE
-0,197	0,291	-0,009	0,013	0,315	FALSE
0,064	0,301	0,001	0,007	0,048	FALSE
-0,119	0,303	-0,003	0,008	0,182	FALSE
-0,086	0,310	-0,003	0,008	0,134	FALSE
-0,101	0,305	-0,004	0,012	0,124	FALSE
0,164	0,294	0,005	0,009	0,240	FALSE
0,021	0,307	0,000	0,012	0,008	FALSE
0,043	0,302	0,002	0,011	0,061	FALSE
-0,007	0,315	0,001	0,012	0,019	FALSE
0,028	0,304	0,001	0,008	0,048	FALSE
-0,014	0,305	0,000	0,012	0,014	FALSE

0,028	0,296	0,001	0,007	0,061	FALSE
0,099	0,299	0,004	0,011	0,139	FALSE
-0,001	0,306	-0,001	0,011	0,017	FALSE
0,014	0,307	0,000	0,007	0,009	FALSE
0,073	0,295	0,001	0,007	0,046	FALSE
0,010	0,298	0,001	0,010	0,034	FALSE
0,038	0,307	0,000	0,007	0,023	FALSE
0,038	0,302	0,001	0,010	0,047	FALSE
0,128	0,309	0,005	0,011	0,177	FALSE
-0,011	0,306	0,000	0,009	0,010	FALSE
0,036	0,291	0,001	0,006	0,039	FALSE
-0,086	0,304	-0,002	0,008	0,116	FALSE
-0,074	0,285	-0,002	0,008	0,122	FALSE
-0,009	0,316	0,000	0,010	0,006	FALSE
-0,052	0,295	-0,001	0,008	0,070	FALSE
-0,087	0,316	-0,004	0,012	0,124	FALSE
-0,159	0,298	-0,004	0,008	0,236	FALSE
0,020	0,314	0,001	0,009	0,020	FALSE
-0,105	0,292	-0,002	0,009	0,107	FALSE
0,009	0,306	0,000	0,008	0,004	FALSE
-0,070	0,326	-0,003	0,012	0,106	FALSE
-0,028	0,302	-0,002	0,009	0,074	FALSE
-0,042	0,320	-0,001	0,006	0,060	FALSE
-0,064	0,302	-0,001	0,007	0,071	FALSE
-0,059	0,303	-0,003	0,012	0,079	FALSE
-0,091	0,310	-0,002	0,007	0,083	FALSE
0,026	0,312	0,002	0,012	0,066	FALSE
0,079	0,322	0,004	0,012	0,122	FALSE
-0,094	0,312	-0,002	0,007	0,127	FALSE
-0,032	0,320	-0,002	0,012	0,049	FALSE
0,035	0,304	0,001	0,008	0,033	FALSE
-0,055	0,307	-0,002	0,011	0,084	FALSE
-0,062	0,302	-0,003	0,011	0,097	FALSE
-0,109	0,310	-0,002	0,007	0,102	FALSE
-0,062	0,303	-0,003	0,012	0,102	FALSE
0,182	0,295	0,009	0,012	0,310	FALSE
0,136	0,311	0,005	0,011	0,187	FALSE
0,031	0,313	0,001	0,006	0,064	FALSE
0,052	0,293	0,001	0,006	0,066	FALSE
0,089	0,298	0,003	0,008	0,137	FALSE
0,053	0,294	0,002	0,012	0,066	FALSE
0,169	0,289	0,003	0,006	0,247	FALSE
-0,023	0,300	-0,001	0,008	0,031	FALSE
-0,184	0,302	-0,008	0,012	0,284	FALSE
-0,170	0,310	-0,007	0,012	0,255	FALSE
-0,188	0,311	-0,008	0,013	0,276	FALSE
-0,161	0,313	-0,007	0,012	0,238	FALSE
-0,046	0,331	-0,002	0,010	0,063	FALSE
-0,046	0,314	-0,001	0,006	0,060	FALSE
0,009	0,303	0,001	0,011	0,018	FALSE
-0,048	0,315	-0,002	0,010	0,058	FALSE
-0,015	0,310	-0,001	0,008	0,039	FALSE
-0,088	0,306	-0,003	0,011	0,126	FALSE

0,040	0,310	0,002	0,010	0,066	FALSE
0,025	0,313	0,002	0,010	0,063	FALSE
0,069	0,300	0,003	0,008	0,124	FALSE
-0,102	0,313	-0,004	0,011	0,134	FALSE
-0,038	0,314	-0,002	0,010	0,079	FALSE
0,216	0,294	0,005	0,007	0,311	FALSE
0,189	0,300	0,007	0,012	0,264	FALSE
0,017	0,308	0,000	0,009	0,017	FALSE
0,025	0,303	0,000	0,007	0,024	FALSE
-0,124	0,310	-0,003	0,008	0,168	FALSE
0,046	0,309	0,002	0,011	0,081	FALSE
0,102	0,306	0,003	0,009	0,134	FALSE
-0,014	0,307	-0,001	0,010	0,022	FALSE
-0,027	0,316	0,000	0,011	0,013	FALSE
0,011	0,314	0,001	0,013	0,031	FALSE
0,001	0,315	0,000	0,006	0,010	FALSE
0,030	0,305	0,002	0,011	0,058	FALSE
-0,105	0,301	-0,003	0,009	0,121	FALSE
0,057	0,304	0,001	0,007	0,032	FALSE
-0,032	0,304	-0,001	0,012	0,018	FALSE
0,126	0,305	0,003	0,009	0,147	FALSE
-0,083	0,321	-0,003	0,010	0,097	FALSE
0,126	0,306	0,003	0,008	0,152	FALSE
-0,037	0,308	-0,002	0,012	0,050	FALSE
-0,084	0,304	-0,002	0,006	0,110	FALSE
0,020	0,302	0,001	0,009	0,035	FALSE
0,056	0,319	0,003	0,012	0,084	FALSE
0,017	0,314	0,001	0,011	0,034	FALSE
-0,048	0,296	-0,001	0,009	0,049	FALSE
-0,041	0,313	-0,001	0,007	0,031	FALSE
0,012	0,312	0,001	0,012	0,044	FALSE
0,233	0,296	0,005	0,006	0,336	FALSE
0,212	0,291	0,004	0,006	0,312	FALSE
-0,012	0,310	0,000	0,008	0,011	FALSE
-0,017	0,306	-0,001	0,012	0,023	FALSE
-0,008	0,305	0,000	0,007	0,007	FALSE
-0,080	0,303	-0,003	0,013	0,076	FALSE
-0,020	0,303	-0,001	0,008	0,027	FALSE
0,015	0,312	0,002	0,012	0,050	FALSE
-0,158	0,302	-0,007	0,013	0,247	FALSE
-0,190	0,303	-0,004	0,008	0,247	FALSE
0,065	0,315	0,004	0,013	0,116	FALSE
0,088	0,306	0,002	0,007	0,111	FALSE
-0,232	0,292	-0,007	0,010	0,354	FALSE
-0,074	0,304	-0,002	0,008	0,125	FALSE
-0,016	0,310	0,000	0,012	0,010	FALSE
-0,119	0,311	-0,003	0,008	0,141	FALSE
-0,048	0,314	-0,001	0,012	0,032	FALSE
-0,020	0,312	0,000	0,011	0,004	FALSE
0,097	0,301	0,005	0,013	0,170	FALSE
0,001	0,299	0,000	0,008	0,004	FALSE
0,036	0,296	0,002	0,010	0,068	FALSE
0,005	0,295	0,000	0,009	0,018	FALSE

-0,022	0,312	-0,002	0,008	0,068	FALSE
0,136	0,296	0,003	0,006	0,186	FALSE
0,152	0,321	0,004	0,008	0,184	FALSE
-0,074	0,317	-0,002	0,013	0,069	FALSE
0,089	0,291	0,003	0,009	0,131	FALSE
-0,024	0,303	-0,001	0,010	0,032	FALSE
-0,115	0,293	-0,004	0,011	0,159	FALSE
-0,062	0,314	-0,002	0,008	0,103	FALSE
-0,109	0,292	-0,003	0,007	0,179	FALSE
-0,134	0,311	-0,004	0,008	0,190	FALSE
-0,036	0,324	-0,001	0,010	0,050	FALSE
-0,061	0,317	-0,003	0,012	0,088	FALSE
-0,069	0,317	-0,002	0,012	0,067	FALSE
-0,008	0,308	0,000	0,007	0,005	FALSE
-0,050	0,318	-0,002	0,012	0,059	FALSE
-0,030	0,319	0,000	0,007	0,020	FALSE
-0,130	0,305	-0,003	0,007	0,152	FALSE
0,118	0,307	0,004	0,012	0,133	FALSE
-0,029	0,315	0,000	0,007	0,016	FALSE
0,060	0,303	0,001	0,006	0,075	FALSE
-0,046	0,303	-0,001	0,011	0,046	FALSE
-0,079	0,307	-0,002	0,011	0,083	FALSE
0,053	0,310	0,002	0,011	0,074	FALSE
0,052	0,311	0,001	0,006	0,060	FALSE
-0,041	0,303	-0,002	0,009	0,083	FALSE
0,030	0,314	0,001	0,011	0,036	FALSE
0,103	0,314	0,005	0,013	0,144	FALSE
-0,054	0,316	-0,001	0,007	0,075	FALSE
-0,039	0,298	-0,001	0,007	0,073	FALSE
-0,149	0,303	-0,005	0,011	0,177	FALSE
0,089	0,304	0,004	0,009	0,172	FALSE
0,012	0,314	0,001	0,008	0,025	FALSE
-0,007	0,300	0,000	0,009	0,011	FALSE
0,040	0,312	0,001	0,006	0,053	FALSE
0,027	0,323	0,001	0,007	0,026	FALSE
0,109	0,304	0,002	0,008	0,126	FALSE
0,069	0,325	0,002	0,011	0,059	FALSE
0,060	0,298	0,002	0,010	0,062	FALSE
0,060	0,322	0,001	0,009	0,036	FALSE
0,059	0,300	0,002	0,010	0,062	FALSE
-0,080	0,308	-0,002	0,012	0,076	FALSE
0,130	0,307	0,004	0,012	0,150	FALSE
0,069	0,308	0,002	0,006	0,111	FALSE
0,030	0,319	0,002	0,013	0,043	FALSE
0,113	0,299	0,003	0,013	0,090	FALSE
0,036	0,294	0,000	0,013	0,003	FALSE
-0,024	0,332	-0,001	0,013	0,024	FALSE
0,049	0,305	0,002	0,011	0,058	FALSE
0,018	0,301	-0,001	0,010	0,029	FALSE
-0,064	0,298	-0,002	0,008	0,089	FALSE
-0,119	0,308	-0,004	0,011	0,149	FALSE
0,158	0,296	0,005	0,009	0,211	FALSE
-0,044	0,310	-0,002	0,009	0,075	FALSE

0,038	0,314	0,002	0,013	0,052	FALSE
-0,019	0,312	-0,001	0,006	0,051	FALSE
-0,067	0,312	-0,003	0,013	0,081	FALSE
-0,021	0,309	0,000	0,007	0,022	FALSE
0,011	0,296	0,001	0,007	0,042	FALSE
-0,011	0,303	0,000	0,008	0,007	FALSE
-0,038	0,312	-0,002	0,013	0,060	FALSE
0,082	0,297	0,003	0,007	0,141	FALSE
-0,047	0,302	-0,001	0,007	0,056	FALSE
-0,060	0,287	-0,002	0,008	0,076	FALSE
-0,097	0,313	-0,003	0,009	0,139	FALSE
-0,144	0,310	-0,005	0,009	0,230	FALSE
0,030	0,292	0,001	0,006	0,035	FALSE
0,029	0,307	0,001	0,010	0,034	FALSE
-0,071	0,315	-0,002	0,008	0,086	FALSE
0,030	0,326	0,001	0,010	0,038	FALSE
-0,079	0,302	-0,001	0,008	0,064	FALSE
-0,109	0,296	-0,004	0,012	0,139	FALSE
0,044	0,301	0,002	0,011	0,053	FALSE
0,042	0,307	0,002	0,011	0,052	FALSE
0,172	0,307	0,005	0,008	0,273	FALSE
-0,051	0,310	-0,002	0,008	0,083	FALSE
0,052	0,316	0,001	0,010	0,050	FALSE
0,023	0,307	0,001	0,009	0,039	FALSE
0,023	0,302	0,002	0,009	0,060	FALSE
0,019	0,304	0,000	0,012	0,002	FALSE
-0,074	0,304	-0,002	0,008	0,094	FALSE
-0,068	0,313	-0,002	0,011	0,059	FALSE
-0,055	0,315	-0,001	0,011	0,049	FALSE
0,026	0,312	0,001	0,012	0,036	FALSE
0,008	0,309	0,000	0,011	0,011	FALSE
-0,012	0,309	0,000	0,007	0,012	FALSE
0,033	0,317	0,000	0,009	0,013	FALSE
-0,066	0,304	-0,002	0,009	0,103	FALSE
-0,034	0,308	-0,002	0,010	0,055	FALSE
-0,023	0,303	-0,001	0,009	0,028	FALSE
0,035	0,313	0,002	0,011	0,055	FALSE
0,079	0,296	0,003	0,010	0,121	FALSE
-0,047	0,300	-0,003	0,011	0,088	FALSE
0,039	0,320	0,002	0,011	0,071	FALSE
0,098	0,294	0,005	0,012	0,155	FALSE
0,078	0,326	0,002	0,009	0,091	FALSE
0,032	0,309	0,001	0,008	0,049	FALSE
0,022	0,306	0,001	0,012	0,021	FALSE
0,018	0,310	0,000	0,007	0,020	FALSE
-0,080	0,309	-0,003	0,012	0,101	FALSE
-0,053	0,304	-0,001	0,008	0,059	FALSE
-0,159	0,297	-0,007	0,012	0,247	FALSE
-0,029	0,296	-0,001	0,007	0,051	FALSE
0,060	0,310	0,002	0,012	0,072	FALSE
0,087	0,319	0,002	0,008	0,096	FALSE
0,055	0,308	0,002	0,011	0,058	FALSE
0,149	0,298	0,006	0,013	0,179	FALSE

0,009	0,301	0,000	0,007	0,024	FALSE
-0,063	0,307	-0,003	0,012	0,083	FALSE
-0,192	0,307	-0,005	0,008	0,267	FALSE
0,137	0,306	0,004	0,009	0,165	FALSE
-0,019	0,308	-0,001	0,008	0,028	FALSE
0,007	0,296	0,001	0,011	0,027	FALSE
0,000	0,302	0,000	0,012	0,007	FALSE
-0,100	0,303	-0,003	0,008	0,163	FALSE
0,044	0,311	0,002	0,013	0,049	FALSE
0,056	0,300	0,002	0,012	0,051	FALSE
-0,054	0,313	-0,001	0,008	0,064	FALSE
0,078	0,297	0,003	0,009	0,119	FALSE
-0,121	0,293	-0,003	0,006	0,162	FALSE
0,046	0,304	0,002	0,011	0,065	FALSE
0,037	0,312	0,001	0,012	0,044	FALSE
0,025	0,301	0,002	0,012	0,063	FALSE
0,018	0,302	0,001	0,006	0,048	FALSE
0,112	0,311	0,002	0,008	0,112	FALSE
0,116	0,303	0,004	0,012	0,120	FALSE
-0,014	0,302	0,000	0,010	0,000	FALSE
-0,047	0,298	-0,001	0,008	0,026	FALSE
0,008	0,308	0,001	0,008	0,043	FALSE
0,008	0,304	0,001	0,008	0,027	FALSE
-0,071	0,301	-0,001	0,007	0,085	FALSE
-0,050	0,312	-0,001	0,007	0,041	FALSE
-0,053	0,288	-0,001	0,009	0,061	FALSE
0,150	0,313	0,004	0,010	0,156	FALSE
-0,053	0,313	-0,001	0,012	0,036	FALSE
0,140	0,298	0,003	0,008	0,125	FALSE
0,015	0,313	0,001	0,012	0,027	FALSE
0,026	0,304	0,001	0,011	0,043	FALSE
0,048	0,302	0,002	0,012	0,067	FALSE
-0,097	0,317	-0,003	0,010	0,112	FALSE
0,028	0,327	0,000	0,013	0,011	FALSE
0,093	0,320	0,003	0,012	0,093	FALSE
0,067	0,318	0,001	0,009	0,051	FALSE
0,014	0,294	0,000	0,011	0,013	FALSE
-0,001	0,318	0,000	0,011	0,015	FALSE
-0,065	0,304	-0,002	0,008	0,103	FALSE
0,065	0,315	0,001	0,007	0,041	FALSE
0,156	0,300	0,004	0,008	0,227	FALSE
-0,047	0,314	-0,001	0,007	0,074	FALSE
-0,095	0,295	-0,002	0,007	0,098	FALSE
0,072	0,311	0,004	0,012	0,111	FALSE
0,081	0,296	0,004	0,012	0,126	FALSE
-0,012	0,303	0,000	0,012	0,013	FALSE
-0,128	0,303	-0,005	0,011	0,195	FALSE
-0,059	0,310	-0,002	0,007	0,083	FALSE
-0,033	0,294	-0,001	0,008	0,061	FALSE
0,072	0,308	0,003	0,010	0,127	FALSE
-0,128	0,300	-0,004	0,007	0,200	FALSE
0,169	0,306	0,006	0,011	0,235	FALSE
0,110	0,301	0,003	0,010	0,122	FALSE

-0,033	0,317	-0,001	0,006	0,030	FALSE
-0,040	0,306	0,000	0,007	0,005	FALSE
0,015	0,313	0,001	0,007	0,037	FALSE
0,174	0,296	0,005	0,008	0,274	FALSE
0,042	0,294	0,001	0,010	0,046	FALSE
0,039	0,295	0,001	0,010	0,037	FALSE
0,102	0,303	0,004	0,011	0,143	FALSE
0,004	0,288	-0,002	0,012	0,049	FALSE
0,016	0,302	-0,001	0,013	0,021	FALSE
-0,001	0,294	-0,002	0,013	0,047	FALSE
0,083	0,295	0,002	0,006	0,131	FALSE
0,104	0,313	0,002	0,007	0,140	FALSE
-0,076	0,324	-0,002	0,011	0,083	FALSE
0,084	0,299	0,003	0,010	0,113	FALSE
0,022	0,303	0,001	0,008	0,036	FALSE
-0,141	0,302	-0,004	0,008	0,194	FALSE
-0,088	0,321	-0,003	0,013	0,087	FALSE
0,078	0,302	0,003	0,008	0,162	FALSE
0,053	0,303	0,001	0,006	0,078	FALSE
-0,065	0,309	-0,002	0,011	0,085	FALSE
0,069	0,303	0,002	0,008	0,098	FALSE
-0,012	0,308	0,000	0,008	0,004	FALSE
-0,077	0,317	-0,002	0,009	0,070	FALSE
-0,067	0,294	-0,001	0,011	0,049	FALSE
0,012	0,318	0,001	0,006	0,033	FALSE
-0,022	0,314	-0,001	0,010	0,041	FALSE
-0,086	0,308	-0,004	0,010	0,148	FALSE
0,047	0,321	0,002	0,012	0,050	FALSE
-0,043	0,295	0,000	0,009	0,002	FALSE
0,137	0,289	0,003	0,006	0,199	FALSE
0,060	0,305	0,001	0,007	0,055	FALSE
0,006	0,297	0,000	0,009	0,013	FALSE
0,135	0,290	0,003	0,006	0,165	FALSE
0,188	0,296	0,005	0,007	0,300	FALSE
-0,027	0,300	-0,002	0,012	0,051	FALSE
0,099	0,303	0,002	0,007	0,139	FALSE
0,024	0,313	0,001	0,006	0,031	FALSE
-0,021	0,316	-0,002	0,013	0,044	FALSE
0,019	0,300	0,001	0,006	0,052	FALSE
0,102	0,310	0,003	0,011	0,090	FALSE
-0,082	0,311	-0,002	0,009	0,096	FALSE
0,071	0,305	0,003	0,008	0,122	FALSE
0,161	0,312	0,006	0,012	0,226	FALSE
0,110	0,293	0,004	0,012	0,111	FALSE
-0,012	0,299	0,000	0,007	0,005	FALSE
-0,102	0,305	-0,003	0,007	0,146	FALSE
0,016	0,308	-0,001	0,009	0,027	FALSE
-0,088	0,320	-0,004	0,013	0,122	FALSE
0,097	0,297	0,002	0,013	0,068	FALSE
-0,047	0,311	-0,001	0,006	0,056	FALSE
0,100	0,296	0,002	0,007	0,130	FALSE
-0,007	0,310	-0,001	0,007	0,034	FALSE
-0,047	0,297	-0,002	0,007	0,097	FALSE

-0,119	0,292	-0,003	0,008	0,133	FALSE
-0,019	0,304	-0,001	0,007	0,043	FALSE
-0,021	0,306	0,000	0,007	0,021	FALSE
-0,013	0,308	0,000	0,007	0,006	FALSE
-0,010	0,303	0,000	0,007	0,013	FALSE
0,026	0,315	0,000	0,009	0,012	FALSE
-0,005	0,316	0,000	0,007	0,000	FALSE
0,043	0,315	0,001	0,009	0,045	FALSE
-0,100	0,316	-0,002	0,008	0,121	FALSE
-0,026	0,303	-0,001	0,012	0,041	FALSE
-0,020	0,309	-0,001	0,012	0,044	FALSE
0,056	0,304	0,001	0,007	0,077	FALSE
-0,007	0,307	0,000	0,007	0,007	FALSE
-0,026	0,296	-0,001	0,007	0,029	FALSE
0,061	0,308	0,002	0,012	0,072	FALSE
0,082	0,302	0,003	0,012	0,088	FALSE
-0,030	0,296	-0,001	0,007	0,044	FALSE
0,040	0,290	0,001	0,006	0,066	FALSE
0,037	0,300	0,001	0,006	0,052	FALSE
-0,040	0,301	-0,001	0,011	0,046	FALSE
-0,035	0,306	-0,001	0,011	0,036	FALSE
0,111	0,311	0,005	0,013	0,156	FALSE
-0,065	0,300	-0,002	0,008	0,100	FALSE
-0,058	0,304	-0,002	0,010	0,088	FALSE
0,117	0,298	0,003	0,006	0,193	FALSE
0,092	0,316	0,004	0,012	0,122	FALSE
0,097	0,304	0,004	0,011	0,152	FALSE
0,074	0,308	0,002	0,009	0,075	FALSE
-0,068	0,305	-0,003	0,010	0,104	FALSE
-0,006	0,302	0,000	0,009	0,008	FALSE
-0,008	0,300	0,000	0,008	0,020	FALSE
-0,086	0,321	-0,003	0,011	0,086	FALSE
0,045	0,315	0,002	0,012	0,057	FALSE
0,064	0,309	0,002	0,013	0,071	FALSE
0,084	0,312	0,003	0,012	0,097	FALSE
0,065	0,305	0,001	0,006	0,087	FALSE
0,091	0,290	0,002	0,008	0,121	FALSE
0,074	0,305	0,003	0,012	0,077	FALSE
0,047	0,302	0,001	0,007	0,029	FALSE
0,036	0,310	0,002	0,013	0,047	FALSE
0,053	0,308	0,001	0,008	0,061	FALSE
-0,091	0,296	-0,002	0,006	0,121	FALSE
0,191	0,299	0,009	0,013	0,303	FALSE
0,088	0,306	0,003	0,012	0,113	FALSE
0,020	0,304	0,000	0,007	0,008	FALSE
-0,028	0,292	-0,001	0,011	0,034	FALSE
-0,043	0,323	-0,001	0,007	0,057	FALSE
0,070	0,298	0,002	0,008	0,094	FALSE
0,069	0,309	0,002	0,008	0,104	FALSE
-0,099	0,294	-0,006	0,012	0,213	FALSE
-0,081	0,308	-0,002	0,007	0,123	FALSE
-0,015	0,307	-0,001	0,007	0,031	FALSE
0,029	0,294	0,001	0,012	0,038	FALSE

0,012	0,315	0,001	0,012	0,015	FALSE
-0,169	0,297	-0,003	0,006	0,218	FALSE
-0,130	0,297	-0,006	0,012	0,212	FALSE
-0,086	0,309	-0,003	0,010	0,100	FALSE
0,091	0,313	0,003	0,012	0,096	FALSE
-0,021	0,309	-0,001	0,010	0,023	FALSE
0,014	0,311	0,001	0,008	0,026	FALSE
-0,060	0,294	-0,001	0,009	0,045	FALSE
0,078	0,313	0,003	0,009	0,144	FALSE
0,051	0,309	0,000	0,013	0,004	FALSE
0,055	0,301	0,001	0,007	0,063	FALSE
-0,008	0,311	0,000	0,007	0,009	FALSE
-0,054	0,300	-0,001	0,008	0,033	FALSE
0,071	0,306	0,002	0,009	0,082	FALSE
-0,016	0,310	0,000	0,010	0,001	FALSE
-0,126	0,305	-0,006	0,011	0,210	FALSE
-0,061	0,294	-0,001	0,009	0,036	FALSE
-0,059	0,301	-0,001	0,009	0,033	FALSE
-0,050	0,298	-0,001	0,007	0,061	FALSE
-0,136	0,315	-0,003	0,007	0,202	FALSE
-0,142	0,313	-0,004	0,008	0,187	FALSE
0,086	0,301	0,002	0,006	0,103	FALSE
0,079	0,301	0,003	0,010	0,137	FALSE
-0,080	0,293	-0,002	0,012	0,068	FALSE
0,000	0,309	0,001	0,012	0,034	FALSE
-0,119	0,295	-0,003	0,007	0,168	FALSE
0,076	0,305	0,002	0,007	0,109	FALSE
0,183	0,307	0,005	0,008	0,248	FALSE
-0,111	0,315	-0,005	0,012	0,175	FALSE
-0,089	0,298	-0,004	0,011	0,147	FALSE
0,003	0,306	0,000	0,008	0,008	FALSE
0,057	0,288	0,001	0,012	0,046	FALSE
-0,010	0,298	0,000	0,012	0,007	FALSE
-0,004	0,297	-0,001	0,012	0,025	FALSE
-0,098	0,308	-0,002	0,007	0,136	FALSE
0,005	0,302	0,001	0,011	0,042	FALSE
-0,057	0,299	-0,002	0,011	0,088	FALSE
-0,091	0,314	-0,003	0,012	0,109	FALSE
-0,035	0,312	-0,001	0,007	0,036	FALSE
0,001	0,302	0,000	0,007	0,017	FALSE
-0,086	0,312	-0,003	0,010	0,108	FALSE
-0,165	0,303	-0,004	0,007	0,223	FALSE
0,037	0,306	0,001	0,010	0,044	FALSE
0,083	0,299	0,003	0,010	0,118	FALSE
0,062	0,311	0,002	0,010	0,073	FALSE
-0,163	0,306	-0,004	0,008	0,228	FALSE
-0,023	0,295	0,000	0,007	0,005	FALSE
0,062	0,301	0,002	0,010	0,083	FALSE
-0,101	0,297	-0,004	0,012	0,139	FALSE
-0,048	0,309	-0,001	0,006	0,051	FALSE
-0,014	0,296	-0,001	0,010	0,029	FALSE
0,027	0,307	0,001	0,007	0,036	FALSE
-0,016	0,299	0,000	0,008	0,015	FALSE

0,077	0,295	0,002	0,007	0,100	FALSE
-0,092	0,309	-0,003	0,011	0,105	FALSE
-0,112	0,303	-0,004	0,010	0,138	FALSE
-0,107	0,312	-0,004	0,013	0,113	FALSE
-0,167	0,291	-0,007	0,012	0,227	FALSE
0,005	0,306	0,001	0,012	0,022	FALSE
0,023	0,302	0,001	0,009	0,063	FALSE
0,076	0,311	0,002	0,007	0,105	FALSE
0,031	0,308	0,001	0,007	0,050	FALSE
-0,015	0,312	-0,001	0,013	0,032	FALSE
0,128	0,316	0,006	0,013	0,190	FALSE
0,029	0,302	0,001	0,007	0,035	FALSE
0,045	0,311	0,001	0,008	0,050	FALSE
0,093	0,303	0,003	0,010	0,092	FALSE
-0,070	0,320	-0,001	0,007	0,082	FALSE
0,017	0,308	0,000	0,006	0,013	FALSE
-0,030	0,308	-0,001	0,009	0,024	FALSE
-0,049	0,302	-0,001	0,010	0,043	FALSE
-0,004	0,313	0,000	0,007	0,010	FALSE
-0,076	0,298	-0,002	0,007	0,128	FALSE
0,018	0,310	0,000	0,007	0,022	FALSE
-0,038	0,308	-0,001	0,007	0,057	FALSE
0,057	0,308	0,002	0,009	0,065	FALSE
0,013	0,313	0,000	0,009	0,007	FALSE
-0,070	0,304	-0,002	0,010	0,067	FALSE
-0,029	0,294	0,000	0,012	0,007	FALSE
0,012	0,304	0,000	0,007	0,016	FALSE
-0,126	0,301	-0,003	0,009	0,139	FALSE
-0,001	0,305	0,000	0,008	0,018	FALSE
-0,050	0,316	-0,002	0,010	0,082	FALSE
-0,101	0,302	-0,003	0,012	0,103	FALSE
-0,006	0,306	0,000	0,013	0,003	FALSE
0,001	0,309	0,001	0,013	0,020	FALSE
0,002	0,307	0,000	0,008	0,004	FALSE
0,021	0,309	0,000	0,012	0,013	FALSE
-0,057	0,306	-0,001	0,007	0,086	FALSE
-0,088	0,313	-0,002	0,010	0,078	FALSE
-0,026	0,309	-0,001	0,009	0,033	FALSE
-0,058	0,298	-0,001	0,007	0,074	FALSE
-0,062	0,303	-0,002	0,007	0,080	FALSE
-0,040	0,308	-0,001	0,007	0,040	FALSE
-0,063	0,296	-0,001	0,007	0,074	FALSE
0,078	0,305	0,004	0,012	0,117	FALSE
-0,020	0,311	0,001	0,011	0,017	FALSE
0,109	0,307	0,005	0,011	0,167	FALSE
-0,138	0,311	-0,005	0,013	0,170	FALSE
0,066	0,320	0,002	0,008	0,076	FALSE
0,067	0,304	0,002	0,010	0,071	FALSE
0,033	0,296	0,001	0,006	0,079	FALSE
0,073	0,314	0,002	0,007	0,124	FALSE
-0,080	0,317	-0,004	0,013	0,106	FALSE
-0,104	0,308	-0,004	0,012	0,148	FALSE
0,111	0,290	0,005	0,012	0,167	FALSE

-0,049	0,310	-0,001	0,006	0,062	FALSE
-0,035	0,288	0,000	0,007	0,017	FALSE
0,022	0,302	0,001	0,009	0,021	FALSE
0,102	0,300	0,002	0,006	0,112	FALSE
0,069	0,315	0,002	0,009	0,063	FALSE
-0,057	0,295	-0,002	0,007	0,079	FALSE
0,128	0,303	0,005	0,011	0,188	FALSE
0,093	0,301	0,003	0,007	0,141	FALSE
-0,047	0,311	-0,001	0,008	0,036	FALSE
-0,019	0,311	-0,001	0,011	0,038	FALSE
-0,042	0,314	-0,001	0,007	0,035	FALSE
-0,006	0,305	-0,001	0,007	0,027	FALSE
0,041	0,305	0,001	0,011	0,044	FALSE
-0,069	0,303	-0,002	0,007	0,101	FALSE
-0,073	0,299	-0,003	0,012	0,105	FALSE
-0,010	0,317	0,000	0,009	0,009	FALSE
-0,092	0,321	-0,003	0,011	0,120	FALSE
-0,112	0,306	-0,003	0,006	0,180	FALSE
0,011	0,306	0,000	0,012	0,003	FALSE
0,044	0,317	0,000	0,009	0,017	FALSE
-0,002	0,311	-0,002	0,012	0,050	FALSE
0,000	0,300	0,001	0,010	0,032	FALSE
0,024	0,314	0,002	0,012	0,064	FALSE
0,027	0,300	0,002	0,012	0,051	FALSE
-0,003	0,302	0,000	0,006	0,022	FALSE
0,061	0,305	0,002	0,010	0,074	FALSE
0,030	0,311	0,001	0,007	0,032	FALSE
-0,096	0,301	-0,002	0,006	0,116	FALSE
-0,057	0,300	-0,001	0,009	0,040	FALSE
0,032	0,306	0,001	0,011	0,039	FALSE
0,046	0,306	0,001	0,009	0,023	FALSE
0,053	0,318	0,002	0,011	0,055	FALSE
0,063	0,311	0,003	0,011	0,089	FALSE
-0,105	0,303	-0,004	0,009	0,167	FALSE
0,008	0,313	0,000	0,012	0,011	FALSE
-0,042	0,299	-0,001	0,009	0,059	FALSE
0,091	0,289	0,002	0,009	0,096	FALSE
-0,116	0,318	-0,002	0,007	0,139	FALSE
-0,088	0,314	-0,003	0,013	0,090	FALSE
-0,060	0,311	-0,003	0,011	0,095	FALSE
0,126	0,299	0,004	0,009	0,198	FALSE
-0,052	0,301	-0,001	0,008	0,063	FALSE
-0,096	0,316	-0,002	0,007	0,115	FALSE
0,153	0,294	0,005	0,011	0,200	FALSE
0,134	0,311	0,005	0,011	0,174	FALSE
-0,040	0,298	-0,001	0,007	0,066	FALSE
0,065	0,307	0,002	0,008	0,072	FALSE
-0,023	0,308	-0,002	0,012	0,051	FALSE
-0,016	0,317	-0,001	0,010	0,019	FALSE
-0,013	0,313	-0,001	0,010	0,023	FALSE
-0,056	0,302	-0,003	0,011	0,091	FALSE
0,086	0,308	0,002	0,010	0,083	FALSE
0,045	0,325	0,002	0,008	0,083	FALSE

0,040	0,316	0,002	0,007	0,081	FALSE
0,093	0,312	0,001	0,007	0,083	FALSE
0,142	0,301	0,004	0,008	0,192	FALSE
-0,036	0,308	-0,001	0,007	0,051	FALSE
-0,043	0,310	-0,001	0,012	0,043	FALSE
-0,036	0,316	-0,001	0,008	0,050	FALSE
0,024	0,314	0,001	0,009	0,028	FALSE
0,073	0,300	0,002	0,007	0,109	FALSE
0,046	0,305	0,001	0,008	0,065	FALSE
0,028	0,299	0,001	0,012	0,035	FALSE
-0,012	0,310	0,000	0,008	0,017	FALSE
-0,087	0,295	-0,003	0,012	0,107	FALSE
-0,242	0,293	-0,010	0,012	0,398	FALSE
0,027	0,311	0,001	0,010	0,056	FALSE
-0,007	0,314	0,000	0,007	0,020	FALSE
0,089	0,316	0,003	0,010	0,138	FALSE
0,036	0,302	0,001	0,009	0,037	FALSE
-0,129	0,309	-0,003	0,008	0,141	FALSE
-0,017	0,308	-0,001	0,008	0,039	FALSE
-0,189	0,298	-0,007	0,012	0,263	FALSE
-0,083	0,323	-0,002	0,009	0,100	FALSE
0,017	0,317	0,000	0,009	0,007	FALSE
-0,145	0,301	-0,005	0,009	0,231	FALSE
-0,032	0,312	-0,001	0,007	0,045	FALSE
0,011	0,316	0,000	0,008	0,018	FALSE
0,083	0,306	0,003	0,013	0,104	FALSE
0,043	0,313	0,001	0,006	0,067	FALSE
0,080	0,306	0,001	0,006	0,082	FALSE
-0,028	0,302	0,000	0,008	0,003	FALSE
0,008	0,320	0,000	0,011	0,002	FALSE
0,146	0,306	0,002	0,006	0,166	FALSE
-0,008	0,302	-0,001	0,008	0,026	FALSE
0,001	0,312	0,000	0,007	0,025	FALSE
-0,029	0,305	0,000	0,011	0,004	FALSE
0,052	0,303	0,003	0,012	0,090	FALSE
-0,022	0,315	0,000	0,007	0,001	FALSE
-0,041	0,306	-0,001	0,007	0,062	FALSE
-0,016	0,294	-0,001	0,011	0,028	FALSE
0,035	0,307	0,001	0,012	0,034	FALSE
0,013	0,305	0,000	0,012	0,006	FALSE
-0,040	0,305	-0,002	0,012	0,059	FALSE
0,074	0,313	0,002	0,013	0,066	FALSE
0,041	0,307	0,002	0,012	0,058	FALSE
0,002	0,297	0,000	0,011	0,004	FALSE
0,045	0,312	0,002	0,011	0,054	FALSE
0,033	0,316	0,001	0,012	0,034	FALSE
0,024	0,303	0,001	0,011	0,044	FALSE
-0,018	0,308	0,000	0,011	0,004	FALSE
0,065	0,312	0,002	0,006	0,100	FALSE
0,053	0,292	0,002	0,008	0,111	FALSE
0,014	0,305	0,001	0,008	0,026	FALSE
-0,011	0,320	0,000	0,008	0,011	FALSE
0,104	0,308	0,003	0,008	0,145	FALSE

0,042	0,322	0,001	0,009	0,043	FALSE
0,088	0,301	0,003	0,009	0,123	FALSE
-0,026	0,302	0,000	0,007	0,021	FALSE
0,087	0,322	0,003	0,009	0,105	FALSE
0,082	0,302	0,002	0,009	0,089	FALSE
-0,082	0,298	-0,003	0,012	0,115	FALSE
-0,075	0,304	-0,002	0,007	0,081	FALSE
-0,060	0,312	-0,001	0,007	0,053	FALSE
-0,058	0,322	-0,001	0,008	0,071	FALSE
-0,032	0,315	-0,001	0,008	0,042	FALSE
-0,035	0,308	0,000	0,007	0,013	FALSE
-0,023	0,306	0,000	0,007	0,014	FALSE
0,020	0,309	0,001	0,009	0,034	FALSE
0,031	0,313	0,001	0,009	0,054	FALSE
-0,004	0,312	0,000	0,009	0,006	FALSE
0,011	0,317	0,000	0,011	0,008	FALSE
0,056	0,308	0,002	0,011	0,057	FALSE
-0,033	0,304	-0,001	0,008	0,038	FALSE
-0,034	0,316	-0,001	0,007	0,038	FALSE
-0,085	0,324	-0,002	0,008	0,098	FALSE
0,069	0,308	0,003	0,012	0,089	FALSE
0,085	0,315	0,002	0,009	0,100	FALSE
0,150	0,305	0,005	0,008	0,235	FALSE
-0,004	0,296	-0,001	0,012	0,024	FALSE
0,024	0,288	0,000	0,009	0,007	FALSE
0,027	0,288	0,000	0,009	0,008	FALSE
0,003	0,286	-0,001	0,009	0,030	FALSE
0,011	0,296	0,001	0,008	0,032	FALSE
0,027	0,290	0,000	0,009	0,006	FALSE
-0,025	0,302	0,000	0,008	0,010	FALSE
-0,008	0,322	-0,001	0,010	0,030	FALSE
-0,011	0,284	-0,001	0,009	0,053	FALSE
-0,021	0,301	0,000	0,006	0,024	FALSE
-0,014	0,315	-0,001	0,012	0,040	FALSE
-0,058	0,311	-0,002	0,008	0,071	FALSE
-0,036	0,308	-0,001	0,009	0,044	FALSE
0,023	0,292	0,000	0,011	0,000	FALSE
0,073	0,298	0,004	0,013	0,114	FALSE
-0,138	0,319	-0,005	0,011	0,178	FALSE
-0,022	0,298	0,000	0,011	0,012	FALSE
-0,102	0,310	-0,003	0,012	0,105	FALSE
-0,081	0,304	-0,001	0,007	0,082	FALSE
0,079	0,294	0,002	0,009	0,100	FALSE
0,087	0,314	0,003	0,013	0,088	FALSE
-0,019	0,306	0,000	0,007	0,021	FALSE
0,075	0,300	0,001	0,007	0,074	FALSE
0,010	0,313	0,000	0,013	0,002	FALSE
-0,063	0,318	-0,001	0,006	0,080	FALSE
-0,080	0,315	-0,003	0,011	0,123	FALSE
-0,125	0,296	-0,004	0,012	0,148	FALSE
-0,111	0,315	-0,003	0,010	0,132	FALSE
-0,071	0,309	-0,002	0,011	0,068	FALSE
-0,070	0,307	-0,002	0,011	0,062	FALSE

-0,078	0,306	-0,002	0,011	0,077	FALSE
-0,073	0,314	-0,002	0,011	0,078	FALSE
-0,077	0,315	-0,002	0,011	0,074	FALSE
-0,109	0,304	-0,003	0,011	0,115	FALSE
0,009	0,315	0,001	0,013	0,014	FALSE
0,000	0,311	0,000	0,013	0,007	FALSE
-0,144	0,306	-0,004	0,008	0,206	FALSE
-0,130	0,298	-0,004	0,008	0,188	FALSE
-0,101	0,302	-0,005	0,012	0,160	FALSE
0,048	0,310	0,002	0,009	0,074	FALSE
-0,114	0,300	-0,005	0,011	0,176	FALSE
-0,142	0,313	-0,006	0,012	0,215	FALSE
0,017	0,294	0,001	0,011	0,045	FALSE
0,017	0,296	0,001	0,006	0,071	FALSE
-0,138	0,296	-0,005	0,011	0,205	FALSE
-0,123	0,304	-0,005	0,011	0,181	FALSE
-0,056	0,319	-0,002	0,010	0,077	FALSE
0,058	0,311	0,002	0,008	0,076	FALSE
0,068	0,295	0,003	0,011	0,097	FALSE
-0,103	0,294	-0,003	0,006	0,161	FALSE
-0,133	0,295	-0,003	0,010	0,123	FALSE
0,055	0,307	0,002	0,009	0,067	FALSE
0,091	0,300	0,002	0,011	0,084	FALSE
-0,013	0,314	0,000	0,007	0,023	FALSE
-0,032	0,315	0,000	0,008	0,017	FALSE
-0,033	0,295	0,000	0,008	0,022	FALSE
0,035	0,303	0,000	0,008	0,023	FALSE
-0,102	0,302	-0,004	0,009	0,158	FALSE
-0,074	0,309	-0,003	0,012	0,104	FALSE
-0,025	0,322	-0,001	0,012	0,037	FALSE
-0,032	0,306	-0,002	0,012	0,056	FALSE
-0,072	0,314	-0,003	0,013	0,098	FALSE
-0,080	0,317	-0,002	0,009	0,097	FALSE
-0,109	0,302	-0,003	0,008	0,164	FALSE
-0,030	0,309	0,000	0,008	0,021	FALSE
0,102	0,301	0,004	0,012	0,132	FALSE
0,108	0,300	0,002	0,008	0,107	FALSE
-0,049	0,299	-0,002	0,007	0,080	FALSE
0,003	0,309	0,000	0,008	0,009	FALSE
0,039	0,306	0,001	0,010	0,051	FALSE
-0,068	0,313	-0,002	0,011	0,067	FALSE
-0,045	0,303	-0,001	0,006	0,069	FALSE
0,031	0,302	0,001	0,010	0,037	FALSE
-0,145	0,309	-0,003	0,007	0,159	FALSE
0,190	0,303	0,007	0,012	0,241	FALSE
0,023	0,294	0,001	0,007	0,054	FALSE
-0,018	0,310	-0,001	0,013	0,016	FALSE
-0,226	0,293	-0,004	0,006	0,316	FALSE
-0,003	0,318	0,000	0,008	0,014	FALSE
-0,012	0,336	-0,001	0,008	0,029	FALSE
-0,020	0,299	-0,001	0,007	0,044	FALSE
-0,151	0,310	-0,004	0,008	0,211	FALSE
-0,227	0,312	-0,007	0,010	0,305	FALSE

-0,022	0,301	0,000	0,007	0,006	FALSE
-0,049	0,301	-0,001	0,009	0,043	FALSE
-0,061	0,308	-0,001	0,007	0,061	FALSE
-0,002	0,302	0,000	0,007	0,008	FALSE
0,013	0,315	0,000	0,007	0,016	FALSE
-0,037	0,316	-0,001	0,010	0,046	FALSE
0,016	0,308	0,001	0,012	0,020	FALSE
-0,018	0,307	-0,001	0,012	0,019	FALSE
-0,022	0,318	-0,001	0,009	0,028	FALSE
-0,010	0,294	0,000	0,012	0,011	FALSE
0,006	0,314	0,000	0,009	0,016	FALSE
-0,130	0,302	-0,003	0,007	0,168	FALSE
0,031	0,306	0,001	0,011	0,024	FALSE
0,011	0,315	0,000	0,012	0,009	FALSE
-0,156	0,313	-0,004	0,009	0,193	FALSE
0,141	0,308	0,006	0,010	0,257	FALSE
0,156	0,296	0,006	0,012	0,206	FALSE
-0,094	0,319	-0,003	0,009	0,128	FALSE
0,051	0,304	0,002	0,011	0,070	FALSE
0,009	0,311	0,000	0,007	0,005	FALSE
-0,004	0,328	-0,001	0,011	0,019	FALSE
-0,052	0,304	-0,002	0,009	0,070	FALSE
-0,095	0,311	-0,003	0,011	0,111	FALSE
0,047	0,321	0,001	0,007	0,072	FALSE
0,028	0,316	0,001	0,007	0,043	FALSE
0,044	0,308	0,001	0,007	0,055	FALSE
0,065	0,310	0,002	0,007	0,091	FALSE
-0,002	0,311	0,000	0,007	0,007	FALSE
0,008	0,317	0,000	0,007	0,020	FALSE
-0,049	0,315	-0,001	0,010	0,056	FALSE
-0,063	0,320	-0,002	0,011	0,080	FALSE
0,120	0,307	0,003	0,007	0,161	FALSE
-0,039	0,309	-0,001	0,007	0,041	FALSE
-0,109	0,308	-0,002	0,006	0,126	FALSE
-0,050	0,313	-0,001	0,007	0,058	FALSE
-0,065	0,319	-0,002	0,013	0,068	FALSE
0,017	0,305	0,001	0,012	0,018	FALSE
-0,117	0,304	-0,003	0,009	0,129	FALSE
-0,086	0,319	-0,002	0,009	0,081	FALSE
-0,194	0,303	-0,005	0,008	0,265	FALSE
0,094	0,306	0,003	0,009	0,130	FALSE
0,214	0,301	0,007	0,009	0,340	FALSE
0,042	0,308	0,001	0,009	0,053	FALSE
-0,071	0,303	-0,003	0,013	0,075	FALSE
-0,052	0,300	-0,001	0,009	0,050	FALSE
-0,020	0,299	-0,001	0,008	0,068	FALSE
0,176	0,283	0,007	0,009	0,331	FALSE
-0,045	0,305	-0,001	0,007	0,046	FALSE
0,031	0,311	0,001	0,007	0,026	FALSE
-0,099	0,296	-0,003	0,012	0,090	FALSE
-0,031	0,305	0,000	0,010	0,007	FALSE
0,046	0,309	0,001	0,007	0,067	FALSE
-0,126	0,312	-0,003	0,008	0,138	FALSE

-0,126	0,313	-0,003	0,009	0,163	FALSE
0,044	0,296	0,001	0,010	0,054	FALSE
-0,094	0,303	-0,004	0,009	0,181	FALSE
-0,009	0,301	-0,001	0,011	0,032	FALSE
0,019	0,302	0,001	0,007	0,030	FALSE
0,075	0,316	0,002	0,012	0,054	FALSE
0,017	0,298	0,000	0,012	0,014	FALSE
-0,007	0,307	0,000	0,009	0,015	FALSE
0,042	0,307	0,003	0,012	0,079	FALSE
0,058	0,295	0,001	0,007	0,072	FALSE
-0,006	0,292	-0,002	0,010	0,062	FALSE
-0,073	0,311	-0,003	0,012	0,100	FALSE
0,133	0,308	0,005	0,012	0,159	FALSE
0,091	0,302	0,001	0,007	0,072	FALSE
-0,005	0,309	0,000	0,011	0,013	FALSE
-0,030	0,308	-0,002	0,012	0,061	FALSE
-0,023	0,294	-0,001	0,009	0,026	FALSE
0,017	0,319	0,001	0,009	0,038	FALSE
-0,027	0,312	-0,001	0,010	0,021	FALSE
0,061	0,301	0,001	0,008	0,064	FALSE
0,101	0,298	0,004	0,011	0,142	FALSE
0,020	0,315	0,001	0,010	0,020	FALSE
0,065	0,309	0,002	0,013	0,057	FALSE
0,055	0,310	0,002	0,007	0,079	FALSE
0,085	0,301	0,003	0,010	0,134	FALSE
-0,004	0,316	0,000	0,008	0,012	FALSE
0,131	0,307	0,005	0,010	0,199	FALSE
0,033	0,307	0,001	0,011	0,037	FALSE
-0,109	0,301	-0,003	0,009	0,161	FALSE
-0,004	0,318	0,000	0,007	0,002	FALSE
0,080	0,309	0,001	0,006	0,083	FALSE
-0,153	0,308	-0,007	0,012	0,233	FALSE
0,159	0,294	0,006	0,010	0,254	FALSE
-0,176	0,308	-0,005	0,009	0,249	FALSE
-0,042	0,309	-0,001	0,006	0,077	FALSE
0,116	0,301	0,002	0,007	0,125	FALSE
-0,039	0,306	-0,001	0,008	0,060	FALSE
0,033	0,290	0,000	0,006	0,023	FALSE
0,086	0,303	0,003	0,007	0,161	FALSE
-0,025	0,300	-0,001	0,011	0,043	FALSE
0,091	0,308	0,003	0,009	0,113	FALSE
-0,023	0,309	0,000	0,007	0,020	FALSE
-0,041	0,312	-0,001	0,007	0,042	FALSE
-0,027	0,315	-0,001	0,007	0,050	FALSE
-0,143	0,301	-0,004	0,011	0,151	FALSE
-0,013	0,317	0,000	0,007	0,012	FALSE
-0,006	0,313	0,000	0,007	0,002	FALSE
0,052	0,318	0,002	0,010	0,068	FALSE
-0,053	0,313	-0,001	0,006	0,074	FALSE
0,064	0,302	0,002	0,010	0,075	FALSE
0,051	0,309	0,002	0,011	0,076	FALSE
-0,020	0,303	0,000	0,006	0,015	FALSE
0,060	0,310	0,001	0,007	0,071	FALSE

0,045	0,304	0,001	0,007	0,067	FALSE
-0,046	0,301	-0,001	0,007	0,042	FALSE
-0,016	0,304	-0,001	0,009	0,046	FALSE
0,004	0,307	0,000	0,008	0,008	FALSE
-0,045	0,301	0,000	0,006	0,024	FALSE
0,188	0,305	0,004	0,007	0,265	FALSE
-0,045	0,313	-0,001	0,007	0,035	FALSE
0,051	0,302	0,001	0,008	0,062	FALSE
0,000	0,319	0,000	0,007	0,017	FALSE
-0,112	0,309	-0,003	0,012	0,099	FALSE
0,016	0,312	0,001	0,010	0,033	FALSE
0,084	0,302	0,002	0,010	0,082	FALSE
0,091	0,304	0,004	0,011	0,137	FALSE
0,091	0,318	0,004	0,012	0,137	FALSE
0,000	0,300	0,001	0,012	0,033	FALSE
0,002	0,301	0,001	0,011	0,028	FALSE
0,085	0,319	0,002	0,008	0,095	FALSE
-0,048	0,299	-0,001	0,012	0,031	FALSE
0,027	0,308	0,001	0,012	0,035	FALSE
0,112	0,292	0,002	0,007	0,116	FALSE
-0,028	0,323	-0,001	0,011	0,040	FALSE
-0,037	0,302	0,000	0,012	0,013	FALSE
-0,006	0,313	0,000	0,006	0,019	FALSE
-0,016	0,302	-0,001	0,007	0,024	FALSE
0,006	0,302	0,000	0,012	0,002	FALSE
0,092	0,302	0,002	0,007	0,118	FALSE
0,085	0,322	0,003	0,009	0,120	FALSE
-0,060	0,303	-0,003	0,012	0,086	FALSE
-0,070	0,309	-0,002	0,009	0,067	FALSE
0,054	0,312	0,001	0,011	0,045	FALSE
-0,216	0,293	-0,005	0,007	0,294	FALSE
0,100	0,293	0,004	0,012	0,134	FALSE
-0,002	0,302	-0,001	0,007	0,033	FALSE
-0,011	0,314	0,000	0,008	0,018	FALSE
-0,002	0,314	0,000	0,008	0,002	FALSE
0,053	0,309	0,002	0,007	0,087	FALSE
-0,110	0,296	-0,002	0,006	0,145	FALSE
0,109	0,319	0,002	0,007	0,122	FALSE
-0,055	0,299	-0,002	0,007	0,084	FALSE
-0,002	0,319	-0,001	0,012	0,024	FALSE
0,113	0,315	0,002	0,007	0,128	FALSE
0,139	0,300	0,004	0,010	0,161	FALSE
0,036	0,300	0,001	0,011	0,045	FALSE
0,014	0,329	0,000	0,008	0,004	FALSE
-0,008	0,316	0,000	0,011	0,004	FALSE
0,029	0,308	0,001	0,011	0,030	FALSE
0,186	0,296	0,006	0,011	0,248	FALSE
-0,112	0,296	-0,003	0,007	0,135	FALSE
-0,016	0,301	0,000	0,007	0,017	FALSE
-0,010	0,309	0,000	0,007	0,011	FALSE
-0,007	0,317	0,000	0,011	0,008	FALSE
-0,120	0,306	-0,003	0,008	0,167	FALSE
-0,069	0,310	-0,003	0,009	0,117	FALSE

-0,103	0,297	-0,003	0,008	0,153	FALSE
-0,051	0,305	-0,002	0,012	0,058	FALSE
-0,083	0,311	-0,003	0,013	0,086	FALSE
-0,011	0,314	0,000	0,011	0,005	FALSE
0,064	0,297	0,002	0,011	0,055	FALSE
0,018	0,304	0,001	0,006	0,039	FALSE
0,004	0,308	0,000	0,006	0,009	FALSE
-0,047	0,307	-0,001	0,008	0,049	FALSE
-0,103	0,305	-0,004	0,011	0,134	FALSE
0,033	0,301	0,001	0,006	0,033	FALSE
0,037	0,316	0,002	0,012	0,054	FALSE
0,011	0,317	0,000	0,012	0,011	FALSE
-0,042	0,311	-0,001	0,012	0,040	FALSE
-0,015	0,302	-0,002	0,012	0,046	FALSE
0,151	0,293	0,006	0,010	0,245	FALSE
0,131	0,314	0,005	0,012	0,168	FALSE
0,162	0,292	0,005	0,009	0,264	FALSE
-0,127	0,308	-0,004	0,010	0,169	FALSE
0,142	0,310	0,006	0,012	0,222	FALSE
0,028	0,317	0,001	0,011	0,037	FALSE
-0,050	0,309	-0,001	0,008	0,047	FALSE
-0,098	0,312	-0,003	0,009	0,114	FALSE
0,026	0,301	0,001	0,009	0,041	FALSE
-0,100	0,303	-0,002	0,006	0,122	FALSE
0,063	0,317	0,002	0,009	0,100	FALSE
0,121	0,291	0,003	0,007	0,218	FALSE
-0,018	0,302	0,000	0,011	0,015	FALSE
0,171	0,300	0,005	0,009	0,275	FALSE
0,136	0,297	0,003	0,007	0,201	FALSE
0,012	0,318	0,000	0,013	0,001	FALSE
-0,030	0,322	-0,001	0,007	0,045	FALSE
-0,050	0,308	-0,002	0,012	0,062	FALSE
0,129	0,298	0,006	0,012	0,192	FALSE
0,090	0,308	0,002	0,011	0,085	FALSE
-0,001	0,316	0,000	0,008	0,011	FALSE
0,011	0,298	0,000	0,007	0,015	FALSE
0,026	0,294	0,000	0,009	0,017	FALSE
0,004	0,310	0,001	0,010	0,023	FALSE
0,085	0,306	0,002	0,009	0,104	FALSE
-0,077	0,313	-0,001	0,007	0,058	FALSE
0,043	0,318	0,001	0,008	0,050	FALSE
-0,106	0,310	-0,006	0,012	0,186	FALSE
-0,096	0,290	-0,003	0,008	0,168	FALSE
-0,120	0,297	-0,007	0,012	0,232	FALSE
-0,081	0,300	-0,003	0,012	0,081	FALSE
-0,078	0,308	-0,002	0,007	0,106	FALSE
-0,024	0,326	0,000	0,013	0,005	FALSE
0,087	0,306	0,002	0,006	0,154	FALSE
0,094	0,313	0,002	0,007	0,125	FALSE
-0,226	0,290	-0,008	0,011	0,334	FALSE
-0,098	0,312	-0,003	0,007	0,142	FALSE
0,028	0,311	0,001	0,007	0,043	FALSE
0,037	0,302	0,001	0,007	0,067	FALSE

0,003	0,303	0,000	0,013	0,004	FALSE
0,051	0,309	0,003	0,013	0,102	FALSE
0,071	0,300	0,003	0,010	0,105	FALSE
0,038	0,323	0,001	0,011	0,017	FALSE
0,120	0,299	0,005	0,009	0,213	FALSE
-0,031	0,306	-0,001	0,007	0,082	FALSE
0,076	0,306	0,002	0,011	0,082	FALSE
-0,080	0,305	-0,002	0,007	0,084	FALSE
-0,083	0,308	-0,002	0,007	0,086	FALSE
-0,093	0,293	-0,003	0,010	0,125	FALSE
-0,116	0,316	-0,003	0,006	0,165	FALSE
-0,090	0,303	-0,004	0,010	0,142	FALSE
-0,052	0,314	-0,002	0,013	0,056	FALSE
-0,159	0,305	-0,004	0,008	0,227	FALSE
0,039	0,301	0,001	0,012	0,036	FALSE
-0,081	0,309	-0,002	0,008	0,108	FALSE
-0,151	0,298	-0,005	0,008	0,242	FALSE
0,100	0,307	0,003	0,007	0,155	FALSE
-0,108	0,305	-0,004	0,012	0,143	FALSE
-0,041	0,322	-0,002	0,010	0,058	FALSE
0,017	0,307	0,000	0,009	0,011	FALSE
0,044	0,297	0,002	0,010	0,067	FALSE
-0,051	0,321	-0,002	0,011	0,062	FALSE
-0,003	0,313	0,000	0,013	0,011	FALSE
0,016	0,304	0,000	0,008	0,003	FALSE
-0,078	0,304	-0,004	0,012	0,125	FALSE
0,074	0,295	0,001	0,006	0,081	FALSE
0,070	0,304	0,002	0,012	0,073	FALSE
0,133	0,308	0,006	0,012	0,187	FALSE
0,030	0,309	0,000	0,007	0,016	FALSE
0,070	0,315	0,001	0,006	0,090	FALSE
-0,018	0,304	0,000	0,007	0,010	FALSE
-0,052	0,304	-0,002	0,007	0,084	FALSE
0,121	0,298	0,005	0,010	0,210	FALSE
0,075	0,302	0,002	0,007	0,098	FALSE
0,076	0,308	0,003	0,011	0,103	FALSE
0,083	0,298	0,002	0,008	0,107	FALSE
-0,042	0,301	-0,002	0,012	0,053	FALSE
-0,022	0,313	-0,001	0,012	0,029	FALSE
0,026	0,317	0,000	0,007	0,027	FALSE
0,075	0,311	0,002	0,008	0,090	FALSE
0,077	0,307	0,002	0,008	0,113	FALSE
-0,042	0,291	-0,002	0,010	0,087	FALSE
-0,078	0,319	-0,002	0,008	0,094	FALSE
-0,006	0,308	0,000	0,011	0,002	FALSE
-0,180	0,302	-0,006	0,011	0,236	FALSE
0,017	0,315	0,001	0,013	0,021	FALSE
0,152	0,295	0,004	0,007	0,250	FALSE
0,075	0,295	0,002	0,011	0,088	FALSE
0,028	0,304	0,001	0,007	0,038	FALSE
-0,032	0,308	-0,002	0,012	0,046	FALSE
-0,071	0,303	-0,002	0,007	0,088	FALSE
-0,020	0,300	0,000	0,009	0,001	FALSE

-0,023	0,298	-0,001	0,012	0,035	FALSE
0,040	0,305	0,001	0,011	0,040	FALSE
-0,163	0,302	-0,005	0,010	0,218	FALSE
-0,068	0,314	-0,002	0,009	0,092	FALSE
-0,079	0,292	-0,003	0,009	0,117	FALSE
0,038	0,298	0,001	0,006	0,031	FALSE
0,020	0,290	0,001	0,010	0,022	FALSE
-0,048	0,303	-0,001	0,006	0,056	FALSE
-0,067	0,301	-0,001	0,007	0,065	FALSE
0,130	0,312	0,003	0,007	0,157	FALSE
0,022	0,301	0,001	0,011	0,039	FALSE
-0,069	0,305	-0,002	0,007	0,082	FALSE
-0,039	0,307	-0,001	0,009	0,041	FALSE
-0,050	0,302	-0,001	0,009	0,041	FALSE
0,086	0,292	0,002	0,009	0,074	FALSE
-0,056	0,315	-0,002	0,011	0,053	FALSE
0,060	0,308	0,002	0,009	0,073	FALSE
-0,035	0,315	-0,001	0,007	0,027	FALSE
-0,054	0,309	-0,002	0,012	0,070	FALSE
-0,053	0,297	-0,003	0,011	0,097	FALSE
-0,010	0,314	0,000	0,008	0,022	FALSE
-0,053	0,297	-0,001	0,012	0,038	FALSE
0,155	0,296	0,004	0,009	0,211	FALSE
-0,052	0,306	-0,002	0,007	0,109	FALSE
-0,066	0,295	-0,002	0,009	0,079	FALSE
-0,031	0,310	-0,001	0,007	0,046	FALSE
-0,175	0,303	-0,004	0,006	0,239	FALSE
0,025	0,295	0,001	0,009	0,051	FALSE
0,005	0,306	0,000	0,012	0,006	FALSE
0,099	0,314	0,002	0,007	0,108	FALSE
0,118	0,309	0,005	0,011	0,175	FALSE
-0,082	0,306	-0,002	0,008	0,098	FALSE
0,137	0,303	0,005	0,010	0,215	FALSE
0,062	0,301	0,001	0,006	0,074	FALSE
-0,055	0,314	-0,001	0,008	0,064	FALSE
-0,020	0,311	-0,002	0,013	0,044	FALSE
-0,090	0,301	-0,003	0,009	0,137	FALSE
-0,046	0,314	-0,001	0,007	0,066	FALSE
0,017	0,303	0,001	0,013	0,022	FALSE
-0,084	0,317	-0,002	0,008	0,097	FALSE
0,005	0,299	0,000	0,007	0,007	FALSE
-0,073	0,308	-0,002	0,009	0,084	FALSE
-0,091	0,300	-0,003	0,009	0,122	FALSE
-0,047	0,310	-0,001	0,008	0,057	FALSE
0,077	0,301	0,001	0,007	0,062	FALSE
-0,069	0,320	-0,002	0,007	0,098	FALSE
-0,073	0,314	-0,002	0,007	0,115	FALSE
-0,052	0,320	-0,002	0,012	0,046	FALSE
0,006	0,306	-0,001	0,010	0,017	FALSE
-0,005	0,299	0,000	0,006	0,018	FALSE
0,003	0,311	0,000	0,012	0,001	FALSE
0,029	0,303	0,001	0,011	0,038	FALSE
-0,010	0,312	0,000	0,008	0,016	FALSE

-0,127	0,297	-0,005	0,012	0,148	FALSE
-0,080	0,301	-0,003	0,012	0,096	FALSE
-0,021	0,299	-0,001	0,006	0,033	FALSE
0,046	0,302	0,001	0,008	0,053	FALSE
0,101	0,308	0,005	0,011	0,175	FALSE
-0,039	0,311	-0,001	0,009	0,056	FALSE
0,049	0,300	0,001	0,006	0,054	FALSE
-0,049	0,310	-0,002	0,008	0,067	FALSE
0,021	0,316	0,001	0,007	0,042	FALSE
-0,051	0,310	-0,001	0,008	0,041	FALSE
-0,108	0,310	-0,003	0,008	0,142	FALSE
-0,057	0,299	-0,002	0,011	0,058	FALSE
0,115	0,294	0,003	0,006	0,229	FALSE
-0,020	0,311	-0,001	0,006	0,031	FALSE
0,163	0,296	0,005	0,008	0,255	FALSE
0,013	0,304	0,001	0,006	0,029	FALSE
-0,049	0,303	-0,002	0,008	0,115	FALSE
-0,206	0,294	-0,006	0,009	0,282	FALSE
-0,012	0,308	0,000	0,008	0,011	FALSE
-0,089	0,301	-0,002	0,007	0,108	FALSE
-0,020	0,319	0,000	0,008	0,002	FALSE
-0,162	0,307	-0,003	0,006	0,219	FALSE
-0,004	0,305	-0,001	0,009	0,031	FALSE
-0,055	0,301	-0,003	0,012	0,086	FALSE
0,065	0,307	0,003	0,012	0,094	FALSE
0,035	0,308	0,001	0,009	0,026	FALSE
0,035	0,319	0,001	0,007	0,049	FALSE
0,000	0,316	0,000	0,010	0,010	FALSE
0,018	0,292	0,001	0,010	0,038	FALSE
0,113	0,301	0,004	0,011	0,149	FALSE
0,023	0,290	0,000	0,010	0,002	FALSE
-0,110	0,305	-0,004	0,010	0,177	FALSE
-0,100	0,317	-0,004	0,010	0,152	FALSE
0,110	0,299	0,006	0,012	0,206	FALSE
-0,028	0,305	-0,001	0,010	0,054	FALSE
-0,075	0,313	-0,003	0,011	0,095	FALSE
-0,162	0,308	-0,008	0,013	0,291	FALSE
-0,029	0,304	-0,001	0,010	0,051	FALSE
-0,038	0,310	-0,001	0,010	0,051	FALSE
0,045	0,314	0,001	0,006	0,065	FALSE
-0,046	0,314	-0,001	0,007	0,076	FALSE
-0,004	0,288	0,000	0,007	0,011	FALSE
0,047	0,299	0,001	0,006	0,049	FALSE
0,087	0,307	0,004	0,010	0,169	FALSE
-0,124	0,308	-0,006	0,013	0,202	FALSE
0,010	0,299	0,001	0,011	0,028	FALSE
0,114	0,298	0,003	0,007	0,160	FALSE
-0,007	0,301	-0,001	0,010	0,035	FALSE
-0,026	0,308	-0,001	0,009	0,041	FALSE
-0,002	0,300	-0,001	0,010	0,027	FALSE
0,030	0,308	0,001	0,011	0,021	FALSE
-0,010	0,306	-0,001	0,010	0,037	FALSE
-0,095	0,310	-0,003	0,008	0,158	FALSE

0,054	0,303	0,001	0,007	0,048	FALSE
-0,052	0,292	-0,002	0,009	0,074	FALSE
-0,076	0,322	-0,002	0,007	0,083	FALSE
0,140	0,302	0,003	0,006	0,170	FALSE
0,158	0,284	0,003	0,006	0,200	FALSE
0,186	0,302	0,005	0,008	0,264	FALSE
0,204	0,291	0,005	0,008	0,297	FALSE
0,137	0,304	0,004	0,007	0,242	FALSE
-0,144	0,297	-0,003	0,007	0,166	FALSE
-0,007	0,313	0,000	0,007	0,013	FALSE
0,164	0,289	0,004	0,007	0,294	FALSE
-0,055	0,292	-0,002	0,010	0,058	FALSE
-0,018	0,300	-0,001	0,011	0,023	FALSE
-0,057	0,302	0,000	0,007	0,021	FALSE
-0,038	0,298	0,000	0,007	0,002	FALSE
-0,029	0,312	0,000	0,007	0,009	FALSE
-0,026	0,308	-0,001	0,007	0,072	FALSE
-0,162	0,289	-0,005	0,010	0,239	FALSE
-0,162	0,307	-0,007	0,012	0,261	FALSE
-0,151	0,298	-0,007	0,012	0,279	FALSE
0,031	0,303	0,001	0,009	0,030	FALSE
0,059	0,303	0,001	0,007	0,066	FALSE
0,062	0,301	0,002	0,010	0,082	FALSE
0,049	0,300	0,002	0,010	0,076	FALSE
0,062	0,301	0,002	0,009	0,092	FALSE
-0,066	0,298	-0,002	0,007	0,124	FALSE
-0,043	0,311	-0,002	0,009	0,070	FALSE
0,042	0,301	0,000	0,009	0,008	FALSE
-0,002	0,300	0,000	0,009	0,005	FALSE
0,146	0,287	0,004	0,011	0,143	FALSE
0,059	0,303	0,001	0,006	0,068	FALSE
0,065	0,312	0,001	0,006	0,054	FALSE
-0,055	0,310	-0,001	0,009	0,026	FALSE
0,007	0,316	0,000	0,013	0,004	FALSE
-0,152	0,288	-0,005	0,007	0,269	FALSE
-0,032	0,312	-0,002	0,009	0,069	FALSE
-0,009	0,306	-0,001	0,007	0,037	FALSE
0,050	0,315	0,002	0,010	0,068	FALSE
0,007	0,296	0,000	0,007	0,000	FALSE
-0,025	0,303	0,000	0,007	0,012	FALSE
0,033	0,302	0,001	0,006	0,068	FALSE
0,033	0,316	0,001	0,008	0,057	FALSE
0,002	0,292	0,000	0,007	0,006	FALSE
0,009	0,301	0,000	0,008	0,004	FALSE
-0,015	0,312	0,000	0,007	0,002	FALSE
-0,050	0,306	-0,002	0,011	0,063	FALSE
-0,038	0,307	-0,001	0,006	0,046	FALSE
-0,029	0,298	-0,001	0,006	0,042	FALSE
0,097	0,293	0,003	0,011	0,090	FALSE
-0,110	0,316	-0,004	0,009	0,151	FALSE
0,034	0,308	0,001	0,009	0,052	FALSE
0,013	0,309	0,001	0,007	0,028	FALSE
-0,114	0,286	-0,005	0,012	0,185	FALSE

0,220	0,285	0,008	0,010	0,329	FALSE
0,217	0,273	0,007	0,010	0,327	FALSE
0,046	0,305	0,002	0,012	0,054	FALSE
-0,074	0,307	-0,003	0,009	0,115	FALSE
0,023	0,323	0,001	0,011	0,029	FALSE
0,000	0,320	0,000	0,013	0,004	FALSE
0,008	0,304	0,000	0,012	0,013	FALSE
-0,088	0,321	-0,003	0,011	0,105	FALSE
-0,011	0,307	0,001	0,010	0,018	FALSE
-0,002	0,319	0,000	0,008	0,016	FALSE
-0,042	0,298	-0,001	0,007	0,030	FALSE
-0,016	0,312	-0,001	0,011	0,019	FALSE
0,056	0,321	0,002	0,007	0,093	FALSE
0,113	0,299	0,003	0,009	0,122	FALSE
-0,071	0,311	-0,003	0,009	0,104	FALSE
0,093	0,302	0,003	0,010	0,125	FALSE
-0,221	0,283	-0,006	0,008	0,333	FALSE
-0,006	0,314	0,000	0,008	0,000	FALSE
0,095	0,308	0,004	0,010	0,155	FALSE
-0,043	0,314	-0,002	0,013	0,058	FALSE
-0,061	0,312	-0,001	0,013	0,039	FALSE
0,063	0,308	0,002	0,008	0,107	FALSE
-0,065	0,307	-0,002	0,007	0,099	FALSE
-0,138	0,288	-0,006	0,012	0,195	FALSE
-0,057	0,310	-0,001	0,009	0,049	FALSE
-0,069	0,313	-0,002	0,010	0,080	FALSE
0,057	0,303	0,001	0,007	0,083	FALSE
0,147	0,290	0,005	0,011	0,198	FALSE
0,050	0,307	0,001	0,007	0,045	FALSE
0,024	0,304	0,000	0,009	0,008	FALSE
0,031	0,323	0,001	0,008	0,046	FALSE
-0,049	0,302	-0,001	0,007	0,043	FALSE
0,099	0,297	0,003	0,011	0,126	FALSE
-0,002	0,318	0,000	0,006	0,029	FALSE
-0,013	0,298	0,000	0,009	0,009	FALSE
-0,005	0,309	0,001	0,012	0,022	FALSE
-0,042	0,302	-0,001	0,007	0,044	FALSE
-0,058	0,307	-0,001	0,007	0,067	FALSE
-0,061	0,307	-0,002	0,010	0,073	FALSE
0,111	0,305	0,003	0,008	0,138	FALSE
0,096	0,315	0,003	0,008	0,132	FALSE
-0,009	0,305	-0,001	0,006	0,042	FALSE
0,064	0,317	0,001	0,009	0,056	FALSE
0,047	0,308	0,001	0,009	0,039	FALSE
0,014	0,317	0,000	0,008	0,019	FALSE
-0,075	0,306	-0,002	0,007	0,108	FALSE
-0,096	0,302	-0,003	0,010	0,114	FALSE
-0,064	0,312	-0,003	0,012	0,082	FALSE
-0,021	0,295	0,000	0,010	0,013	FALSE
-0,028	0,304	-0,001	0,011	0,023	FALSE
-0,038	0,304	-0,002	0,011	0,050	FALSE
0,041	0,313	0,001	0,009	0,036	FALSE
-0,043	0,325	-0,002	0,007	0,080	FALSE

-0,076	0,306	-0,002	0,007	0,080	FALSE
-0,024	0,311	0,000	0,007	0,003	FALSE
0,122	0,292	0,003	0,007	0,193	FALSE
0,082	0,309	0,003	0,009	0,110	FALSE
-0,055	0,326	-0,002	0,008	0,082	FALSE
0,131	0,318	0,004	0,010	0,153	FALSE
0,000	0,314	0,000	0,007	0,002	FALSE
-0,027	0,323	-0,001	0,010	0,045	FALSE
0,264	0,278	0,008	0,008	0,494	FALSE
0,007	0,302	0,000	0,011	0,004	FALSE
-0,124	0,318	-0,003	0,008	0,183	FALSE
-0,083	0,303	-0,002	0,008	0,117	FALSE
-0,023	0,306	0,000	0,008	0,006	FALSE
0,055	0,302	0,002	0,010	0,085	TRUE
0,046	0,296	0,000	0,007	0,021	FALSE
0,093	0,307	0,002	0,007	0,130	FALSE
0,075	0,300	0,002	0,007	0,124	FALSE
-0,014	0,304	-0,001	0,010	0,025	FALSE
0,034	0,304	0,001	0,007	0,046	FALSE
-0,020	0,309	0,000	0,009	0,013	FALSE
0,096	0,301	0,002	0,007	0,148	FALSE
-0,086	0,297	-0,003	0,007	0,158	FALSE
0,150	0,292	0,004	0,008	0,220	FALSE
-0,134	0,313	-0,003	0,007	0,158	FALSE
0,139	0,298	0,003	0,006	0,211	FALSE
-0,008	0,314	0,000	0,008	0,012	FALSE
0,053	0,294	0,001	0,007	0,057	FALSE
-0,040	0,307	-0,001	0,011	0,040	FALSE
-0,009	0,304	0,000	0,012	0,001	FALSE
0,038	0,307	0,001	0,010	0,025	FALSE
-0,007	0,314	-0,001	0,013	0,025	FALSE
-0,089	0,312	-0,003	0,008	0,143	FALSE
-0,156	0,297	-0,006	0,011	0,230	FALSE
0,098	0,301	0,002	0,007	0,106	FALSE
-0,083	0,303	-0,001	0,007	0,073	FALSE
-0,110	0,306	-0,003	0,007	0,171	FALSE
-0,116	0,308	-0,005	0,009	0,208	FALSE
-0,080	0,311	-0,002	0,008	0,115	FALSE
-0,030	0,312	-0,001	0,012	0,035	FALSE
0,024	0,317	0,001	0,012	0,037	FALSE
-0,036	0,307	-0,002	0,012	0,048	FALSE
-0,004	0,315	0,000	0,013	0,011	FALSE
-0,013	0,318	0,000	0,007	0,015	FALSE
0,047	0,314	0,001	0,008	0,047	FALSE
-0,078	0,308	-0,002	0,008	0,078	FALSE
-0,082	0,309	-0,002	0,007	0,116	FALSE
0,038	0,294	0,000	0,006	0,025	FALSE
0,063	0,323	0,002	0,009	0,071	FALSE
-0,028	0,312	-0,001	0,012	0,025	FALSE
-0,022	0,313	0,000	0,012	0,013	FALSE
0,160	0,297	0,003	0,008	0,162	FALSE
-0,085	0,301	-0,002	0,007	0,105	FALSE
-0,094	0,286	-0,002	0,008	0,119	FALSE

0,097	0,323	0,003	0,010	0,112	FALSE
0,041	0,311	0,001	0,012	0,044	FALSE
0,059	0,306	0,001	0,007	0,069	FALSE
0,055	0,317	0,001	0,008	0,071	FALSE
0,022	0,327	0,000	0,009	0,011	FALSE
0,119	0,307	0,003	0,010	0,120	FALSE
-0,031	0,310	-0,001	0,012	0,026	FALSE
0,016	0,312	0,001	0,012	0,018	FALSE
0,115	0,318	0,003	0,007	0,164	FALSE
-0,033	0,309	-0,001	0,007	0,029	FALSE
-0,029	0,307	0,000	0,007	0,014	FALSE
-0,063	0,320	-0,001	0,007	0,064	FALSE
-0,040	0,308	-0,001	0,010	0,029	FALSE
-0,043	0,313	-0,001	0,008	0,049	FALSE
0,058	0,294	0,001	0,007	0,064	FALSE
0,025	0,317	0,001	0,008	0,036	FALSE
0,069	0,294	0,002	0,009	0,084	FALSE
-0,082	0,301	-0,002	0,010	0,087	FALSE
0,093	0,298	0,003	0,007	0,141	FALSE
-0,131	0,313	-0,006	0,012	0,189	FALSE
-0,015	0,303	-0,001	0,012	0,034	FALSE
-0,099	0,297	-0,004	0,012	0,145	FALSE
0,059	0,296	0,001	0,006	0,031	FALSE
0,030	0,312	0,001	0,007	0,050	FALSE
0,041	0,322	0,001	0,007	0,052	FALSE
0,075	0,311	0,001	0,008	0,069	FALSE
0,064	0,325	0,002	0,011	0,085	FALSE
0,139	0,305	0,003	0,007	0,165	FALSE
-0,036	0,323	-0,002	0,012	0,058	FALSE
0,011	0,301	0,001	0,011	0,018	FALSE
0,048	0,317	0,001	0,007	0,047	FALSE
-0,010	0,309	0,000	0,007	0,015	FALSE
-0,086	0,299	-0,002	0,006	0,121	FALSE
0,133	0,292	0,006	0,012	0,206	FALSE
0,045	0,318	0,001	0,007	0,048	FALSE
-0,025	0,305	-0,001	0,007	0,030	FALSE
0,025	0,317	0,001	0,011	0,031	FALSE
-0,002	0,300	0,000	0,008	0,009	FALSE
-0,163	0,315	-0,004	0,007	0,237	FALSE
0,052	0,301	0,001	0,010	0,047	FALSE
-0,044	0,318	0,000	0,008	0,012	FALSE
0,031	0,312	0,001	0,011	0,025	FALSE
0,050	0,286	0,002	0,012	0,078	FALSE
-0,081	0,298	-0,004	0,012	0,127	FALSE
-0,036	0,316	-0,001	0,010	0,048	FALSE
-0,044	0,307	-0,001	0,007	0,035	FALSE
-0,029	0,316	-0,001	0,008	0,044	FALSE
0,140	0,308	0,005	0,010	0,220	FALSE
-0,104	0,304	-0,002	0,007	0,096	FALSE
0,042	0,303	0,001	0,007	0,064	FALSE
-0,035	0,310	-0,001	0,008	0,048	FALSE
0,097	0,308	0,004	0,011	0,139	FALSE
0,070	0,318	0,002	0,009	0,074	FALSE

-0,069	0,304	-0,002	0,007	0,106	FALSE
-0,082	0,300	-0,003	0,011	0,097	FALSE
-0,028	0,320	-0,002	0,012	0,050	FALSE
-0,137	0,304	-0,004	0,008	0,207	FALSE
-0,013	0,314	-0,001	0,011	0,018	FALSE
0,033	0,297	0,000	0,006	0,008	FALSE
-0,003	0,304	0,000	0,007	0,024	FALSE
0,038	0,306	0,002	0,010	0,066	FALSE
0,117	0,303	0,005	0,012	0,176	FALSE
0,057	0,304	0,002	0,012	0,071	FALSE
0,145	0,303	0,006	0,012	0,203	FALSE
0,084	0,290	0,003	0,009	0,159	FALSE
-0,039	0,310	-0,002	0,011	0,067	FALSE
0,009	0,314	0,000	0,008	0,015	FALSE
0,018	0,313	0,001	0,009	0,026	FALSE
0,034	0,309	0,000	0,010	0,008	FALSE
0,031	0,305	0,001	0,011	0,045	FALSE
-0,050	0,320	-0,001	0,006	0,036	FALSE
0,121	0,306	0,004	0,008	0,198	FALSE
0,088	0,312	0,002	0,007	0,116	FALSE
-0,062	0,311	-0,002	0,010	0,086	FALSE
0,043	0,303	0,001	0,012	0,039	FALSE
0,025	0,311	0,001	0,012	0,039	FALSE
0,026	0,305	0,000	0,011	0,006	FALSE
0,024	0,306	0,000	0,012	0,006	FALSE
0,038	0,315	0,001	0,008	0,047	FALSE
0,004	0,314	-0,001	0,011	0,017	FALSE
-0,004	0,312	0,000	0,010	0,011	FALSE
0,051	0,316	0,001	0,007	0,070	FALSE
0,027	0,323	0,000	0,008	0,019	FALSE
0,016	0,310	0,000	0,008	0,011	FALSE
-0,052	0,310	-0,001	0,008	0,057	FALSE
-0,010	0,305	0,000	0,008	0,008	FALSE
0,064	0,309	0,003	0,011	0,089	FALSE
-0,017	0,308	-0,001	0,008	0,023	FALSE
0,038	0,293	0,001	0,007	0,051	FALSE
-0,067	0,305	-0,001	0,006	0,060	FALSE
0,120	0,299	0,004	0,010	0,150	FALSE
-0,075	0,297	-0,003	0,011	0,112	FALSE
0,014	0,304	0,001	0,009	0,027	FALSE
0,068	0,320	0,002	0,006	0,105	FALSE
-0,145	0,302	-0,006	0,012	0,231	FALSE
-0,063	0,319	-0,003	0,013	0,083	FALSE
0,054	0,315	0,002	0,012	0,060	FALSE
0,137	0,305	0,003	0,007	0,148	FALSE
0,107	0,289	0,004	0,011	0,153	FALSE
0,033	0,301	0,002	0,011	0,066	FALSE
0,062	0,311	0,004	0,013	0,109	FALSE
0,065	0,317	0,003	0,011	0,100	FALSE
-0,034	0,301	-0,001	0,008	0,045	FALSE
-0,027	0,308	-0,002	0,013	0,055	FALSE
0,014	0,305	0,001	0,010	0,040	FALSE
0,049	0,307	0,002	0,010	0,076	FALSE

-0,027	0,322	-0,002	0,013	0,056	FALSE
-0,068	0,305	-0,003	0,011	0,092	FALSE
-0,008	0,304	0,000	0,007	0,019	FALSE
-0,034	0,327	-0,001	0,011	0,048	FALSE
0,107	0,319	0,003	0,010	0,120	FALSE
-0,062	0,308	-0,003	0,009	0,114	FALSE
0,040	0,307	0,001	0,007	0,038	FALSE
0,010	0,312	0,000	0,008	0,010	FALSE
-0,064	0,318	-0,003	0,013	0,088	FALSE
0,100	0,307	0,003	0,010	0,100	FALSE
-0,020	0,299	0,000	0,007	0,001	FALSE
-0,050	0,312	-0,002	0,008	0,072	FALSE
0,041	0,294	0,001	0,008	0,066	FALSE
0,064	0,307	0,002	0,007	0,132	FALSE
-0,138	0,297	-0,005	0,011	0,165	FALSE
-0,152	0,303	-0,005	0,011	0,197	FALSE
-0,175	0,299	-0,006	0,010	0,250	FALSE
0,021	0,298	0,001	0,009	0,037	FALSE
-0,059	0,301	-0,001	0,009	0,048	FALSE
-0,113	0,305	-0,005	0,012	0,160	FALSE
-0,175	0,293	-0,006	0,010	0,250	FALSE
0,034	0,305	0,001	0,007	0,043	FALSE
0,057	0,290	0,002	0,008	0,092	FALSE
-0,176	0,311	-0,006	0,011	0,252	FALSE
0,030	0,299	0,001	0,008	0,032	FALSE
-0,014	0,304	0,000	0,006	0,007	FALSE
0,000	0,316	0,001	0,008	0,034	FALSE
-0,007	0,315	0,000	0,013	0,010	FALSE
-0,032	0,307	-0,001	0,010	0,043	FALSE
0,002	0,315	0,000	0,010	0,017	FALSE
-0,037	0,300	-0,001	0,009	0,024	FALSE
-0,061	0,301	-0,001	0,009	0,048	FALSE
-0,045	0,296	-0,001	0,009	0,026	FALSE
-0,113	0,291	-0,003	0,010	0,112	FALSE
0,150	0,310	0,004	0,008	0,179	FALSE
0,019	0,309	0,000	0,010	0,017	FALSE
0,079	0,307	0,001	0,006	0,076	FALSE
0,048	0,297	0,001	0,007	0,051	FALSE
0,104	0,298	0,005	0,012	0,166	FALSE
0,053	0,316	0,001	0,007	0,058	FALSE
0,002	0,308	0,000	0,010	0,013	FALSE
-0,071	0,305	-0,002	0,008	0,108	FALSE
-0,051	0,301	-0,002	0,008	0,089	FALSE
-0,011	0,308	0,000	0,010	0,007	FALSE
0,048	0,316	0,002	0,013	0,069	FALSE
0,026	0,296	0,001	0,008	0,053	FALSE
0,015	0,313	0,001	0,008	0,032	FALSE
0,031	0,317	0,000	0,007	0,017	FALSE
-0,097	0,323	-0,003	0,011	0,101	FALSE
-0,029	0,296	-0,001	0,007	0,040	FALSE
-0,004	0,308	0,000	0,008	0,008	FALSE
-0,052	0,301	-0,002	0,010	0,065	FALSE
0,094	0,303	0,004	0,011	0,131	FALSE

0,101	0,294	0,004	0,010	0,187	FALSE
-0,194	0,288	-0,005	0,007	0,286	FALSE
-0,189	0,302	-0,008	0,011	0,295	FALSE
-0,049	0,296	-0,001	0,010	0,047	FALSE
0,015	0,307	0,001	0,007	0,041	FALSE
0,027	0,311	0,001	0,011	0,020	FALSE
0,049	0,313	0,002	0,012	0,051	FALSE
0,039	0,292	0,001	0,012	0,031	FALSE
0,021	0,301	0,000	0,012	0,003	FALSE
0,022	0,311	0,001	0,012	0,043	FALSE
0,060	0,309	0,002	0,008	0,088	FALSE
0,013	0,312	0,000	0,012	0,010	FALSE
0,098	0,310	0,004	0,013	0,109	FALSE
0,040	0,295	0,001	0,010	0,053	FALSE
-0,023	0,305	-0,001	0,008	0,042	FALSE
-0,105	0,308	-0,003	0,011	0,123	FALSE
-0,018	0,321	0,000	0,009	0,017	FALSE
-0,190	0,277	-0,009	0,012	0,330	FALSE
0,050	0,305	0,002	0,009	0,082	FALSE
-0,173	0,296	-0,004	0,006	0,233	FALSE
-0,004	0,303	-0,001	0,010	0,047	FALSE
-0,089	0,313	-0,003	0,011	0,115	FALSE
0,046	0,315	0,001	0,009	0,052	FALSE
-0,055	0,321	-0,002	0,010	0,064	FALSE
0,077	0,299	0,002	0,008	0,078	FALSE
-0,061	0,303	-0,001	0,008	0,068	FALSE
-0,047	0,304	-0,001	0,008	0,050	FALSE
0,037	0,309	0,002	0,008	0,072	FALSE
0,035	0,301	0,002	0,010	0,061	FALSE
0,051	0,293	0,001	0,007	0,045	FALSE
-0,019	0,290	-0,001	0,006	0,039	FALSE
0,007	0,304	-0,001	0,009	0,026	FALSE
0,040	0,308	0,000	0,010	0,004	FALSE
-0,200	0,309	-0,006	0,010	0,252	FALSE
0,010	0,310	-0,001	0,012	0,041	FALSE
-0,204	0,302	-0,006	0,009	0,282	FALSE
0,090	0,298	0,002	0,009	0,103	FALSE
-0,071	0,290	-0,003	0,011	0,103	FALSE
0,135	0,284	0,007	0,011	0,278	FALSE
0,093	0,272	0,006	0,011	0,217	FALSE
-0,030	0,288	-0,002	0,011	0,069	FALSE
-0,039	0,318	-0,002	0,010	0,069	FALSE
-0,037	0,309	-0,002	0,011	0,062	FALSE
0,031	0,311	0,001	0,007	0,042	FALSE
-0,036	0,314	-0,001	0,010	0,055	FALSE
-0,010	0,321	-0,001	0,013	0,016	FALSE
0,077	0,298	0,003	0,009	0,150	FALSE
0,113	0,318	0,004	0,010	0,179	FALSE
0,088	0,295	0,004	0,009	0,174	FALSE
0,091	0,308	0,004	0,011	0,144	FALSE
0,102	0,290	0,003	0,011	0,094	FALSE
0,074	0,309	0,002	0,006	0,096	FALSE
0,068	0,295	0,002	0,011	0,065	FALSE

0,075	0,296	0,003	0,012	0,091	FALSE
0,111	0,295	0,005	0,012	0,164	FALSE
-0,056	0,301	-0,003	0,010	0,097	FALSE
-0,113	0,317	-0,003	0,007	0,154	FALSE
-0,183	0,292	-0,007	0,010	0,279	FALSE
-0,093	0,305	-0,003	0,010	0,109	FALSE
-0,112	0,323	-0,003	0,010	0,124	FALSE
0,000	0,304	0,000	0,013	0,001	FALSE
-0,076	0,309	-0,003	0,010	0,100	FALSE
0,018	0,322	0,001	0,012	0,026	FALSE
-0,062	0,300	-0,002	0,011	0,073	FALSE
-0,037	0,296	-0,002	0,010	0,073	FALSE
0,111	0,306	0,003	0,008	0,136	FALSE
-0,047	0,306	-0,002	0,008	0,084	FALSE
-0,075	0,313	-0,003	0,010	0,101	FALSE
-0,010	0,305	-0,001	0,010	0,023	FALSE
0,134	0,308	0,006	0,013	0,184	FALSE
-0,097	0,303	-0,005	0,012	0,158	FALSE
-0,063	0,318	-0,001	0,007	0,076	FALSE
-0,087	0,316	-0,002	0,008	0,097	FALSE
0,049	0,301	0,000	0,006	0,027	FALSE
0,127	0,307	0,002	0,007	0,136	FALSE
-0,041	0,309	-0,001	0,007	0,027	FALSE
-0,128	0,301	-0,004	0,009	0,195	FALSE
-0,224	0,308	-0,005	0,007	0,297	FALSE
-0,097	0,311	-0,003	0,008	0,136	FALSE
0,067	0,300	0,002	0,007	0,104	FALSE
-0,135	0,310	-0,005	0,011	0,188	FALSE
-0,049	0,314	-0,001	0,009	0,033	FALSE
-0,059	0,300	-0,002	0,008	0,070	FALSE
0,087	0,306	0,002	0,006	0,121	FALSE
0,042	0,299	0,001	0,008	0,030	FALSE
0,052	0,308	0,001	0,008	0,026	FALSE
0,014	0,304	0,000	0,007	0,001	FALSE
0,022	0,318	0,001	0,010	0,022	FALSE
0,050	0,303	0,001	0,007	0,067	FALSE
-0,032	0,306	0,000	0,007	0,015	FALSE
-0,035	0,310	-0,001	0,013	0,035	FALSE
-0,108	0,296	-0,004	0,011	0,161	FALSE
0,077	0,315	0,002	0,007	0,111	FALSE
-0,099	0,305	-0,005	0,012	0,152	FALSE
0,000	0,300	0,001	0,011	0,025	FALSE
0,072	0,314	0,002	0,007	0,103	FALSE
-0,067	0,312	-0,001	0,007	0,053	FALSE
-0,047	0,293	-0,001	0,011	0,032	FALSE
0,046	0,311	0,002	0,007	0,076	FALSE
-0,013	0,304	0,000	0,010	0,008	FALSE
-0,045	0,311	-0,001	0,010	0,025	FALSE
0,029	0,305	0,001	0,010	0,040	FALSE
-0,056	0,297	-0,001	0,006	0,061	FALSE
0,081	0,294	0,002	0,007	0,115	FALSE
0,059	0,309	0,001	0,009	0,059	FALSE
-0,035	0,322	-0,001	0,013	0,040	FALSE

0,056	0,305	0,002	0,013	0,065	FALSE
-0,031	0,308	-0,002	0,012	0,079	FALSE
-0,076	0,286	-0,003	0,012	0,077	FALSE
-0,090	0,300	-0,002	0,008	0,080	FALSE
0,003	0,299	0,000	0,008	0,007	FALSE
-0,088	0,305	-0,003	0,010	0,131	FALSE
0,097	0,309	0,002	0,007	0,120	FALSE
-0,153	0,305	-0,005	0,012	0,172	FALSE
0,041	0,285	0,001	0,011	0,038	FALSE
0,030	0,292	0,001	0,011	0,026	FALSE
0,034	0,303	0,001	0,010	0,040	FALSE
-0,059	0,298	-0,002	0,010	0,069	FALSE
-0,096	0,309	-0,002	0,008	0,117	FALSE
-0,079	0,311	-0,004	0,011	0,125	FALSE
-0,103	0,313	-0,004	0,011	0,145	FALSE
-0,031	0,322	-0,001	0,008	0,041	FALSE
0,003	0,321	0,000	0,006	0,016	FALSE
0,071	0,308	0,002	0,011	0,067	FALSE
0,096	0,301	0,002	0,007	0,125	FALSE
0,108	0,288	0,002	0,007	0,134	FALSE
-0,062	0,315	-0,001	0,010	0,048	FALSE
-0,006	0,309	-0,001	0,007	0,028	FALSE
0,032	0,309	0,000	0,007	0,008	FALSE
-0,037	0,298	-0,002	0,012	0,055	FALSE
-0,029	0,309	-0,001	0,011	0,035	FALSE
0,055	0,298	0,001	0,007	0,065	FALSE
0,054	0,314	0,001	0,007	0,071	FALSE
-0,025	0,314	0,000	0,012	0,009	FALSE
-0,021	0,314	0,000	0,007	0,000	FALSE
0,000	0,305	0,000	0,009	0,005	FALSE
-0,060	0,295	-0,002	0,007	0,099	FALSE
0,028	0,312	0,000	0,008	0,012	FALSE
0,094	0,292	0,003	0,008	0,138	FALSE
-0,031	0,294	-0,001	0,008	0,042	FALSE
-0,099	0,321	-0,002	0,007	0,105	FALSE
0,018	0,306	0,001	0,011	0,020	FALSE
0,115	0,300	0,004	0,008	0,215	FALSE
-0,024	0,305	0,000	0,011	0,011	FALSE
0,065	0,300	0,003	0,011	0,090	FALSE
0,037	0,291	0,001	0,007	0,025	FALSE
0,030	0,302	0,000	0,007	0,011	FALSE
-0,046	0,304	-0,002	0,008	0,080	FALSE
0,103	0,301	0,003	0,008	0,176	FALSE
-0,029	0,304	0,000	0,010	0,017	FALSE
-0,061	0,320	-0,001	0,007	0,060	FALSE
-0,040	0,315	-0,001	0,011	0,028	FALSE
-0,031	0,315	-0,003	0,013	0,084	FALSE
0,036	0,308	0,001	0,009	0,041	FALSE
0,104	0,313	0,002	0,008	0,114	FALSE
0,027	0,311	0,001	0,012	0,024	FALSE
-0,039	0,302	-0,002	0,012	0,052	FALSE
0,030	0,309	0,001	0,010	0,022	FALSE
0,023	0,317	0,001	0,010	0,019	FALSE

0,062	0,313	0,001	0,006	0,087	FALSE
0,059	0,302	0,003	0,010	0,103	FALSE
0,159	0,315	0,006	0,010	0,252	FALSE
-0,172	0,309	-0,004	0,007	0,248	FALSE
0,127	0,311	0,004	0,010	0,154	FALSE
-0,114	0,307	-0,003	0,008	0,180	FALSE
-0,062	0,296	-0,002	0,011	0,085	FALSE
-0,042	0,315	-0,001	0,008	0,049	FALSE
-0,198	0,310	-0,007	0,011	0,290	FALSE
0,064	0,309	0,002	0,008	0,108	FALSE
-0,017	0,306	-0,001	0,008	0,031	FALSE
-0,040	0,301	-0,002	0,011	0,070	FALSE
-0,046	0,315	-0,001	0,008	0,067	FALSE
-0,082	0,306	-0,002	0,009	0,102	FALSE
0,027	0,319	0,001	0,008	0,053	FALSE
-0,028	0,310	-0,001	0,009	0,030	FALSE
-0,025	0,306	0,000	0,008	0,012	FALSE
0,028	0,299	0,002	0,010	0,067	FALSE
-0,033	0,297	-0,001	0,007	0,036	FALSE
-0,038	0,316	-0,001	0,011	0,040	FALSE
0,007	0,312	0,000	0,008	0,022	FALSE
-0,096	0,313	-0,002	0,008	0,106	FALSE
-0,034	0,315	-0,001	0,010	0,042	FALSE
-0,090	0,306	-0,003	0,007	0,150	FALSE
-0,070	0,302	-0,001	0,008	0,060	FALSE
-0,072	0,295	-0,003	0,012	0,108	FALSE
0,041	0,303	0,002	0,012	0,067	FALSE
0,054	0,310	0,002	0,008	0,106	FALSE
0,027	0,292	0,001	0,008	0,067	FALSE
0,020	0,305	0,001	0,007	0,057	FALSE
-0,029	0,314	-0,001	0,007	0,028	FALSE
0,005	0,311	0,000	0,006	0,006	FALSE
-0,033	0,298	-0,002	0,009	0,069	FALSE
-0,097	0,313	-0,003	0,010	0,104	FALSE
-0,022	0,309	-0,001	0,007	0,046	FALSE
-0,122	0,309	-0,003	0,008	0,171	FALSE
0,011	0,305	0,000	0,009	0,012	FALSE
0,011	0,311	0,000	0,008	0,015	FALSE
-0,184	0,311	-0,005	0,008	0,279	FALSE
-0,041	0,300	-0,002	0,008	0,094	FALSE
0,125	0,301	0,007	0,013	0,218	FALSE
0,052	0,302	0,002	0,010	0,089	FALSE
0,012	0,312	0,000	0,008	0,002	FALSE
0,027	0,303	0,000	0,006	0,021	FALSE
-0,095	0,312	-0,004	0,011	0,140	FALSE
-0,058	0,311	-0,002	0,012	0,068	FALSE
0,025	0,307	0,000	0,007	0,018	FALSE
0,046	0,302	0,002	0,012	0,069	FALSE
0,122	0,312	0,004	0,010	0,158	FALSE
-0,090	0,308	-0,002	0,009	0,099	FALSE
0,087	0,325	0,004	0,013	0,107	FALSE
-0,027	0,309	-0,001	0,010	0,030	FALSE
-0,080	0,308	-0,004	0,010	0,139	FALSE

-0,004	0,304	0,000	0,010	0,001	FALSE
-0,115	0,304	-0,004	0,009	0,160	FALSE
-0,123	0,299	-0,004	0,009	0,164	FALSE
-0,166	0,280	-0,008	0,012	0,283	FALSE
0,094	0,308	0,003	0,011	0,108	FALSE
-0,057	0,311	-0,003	0,013	0,077	FALSE
0,033	0,304	0,001	0,008	0,042	FALSE
-0,081	0,313	-0,002	0,011	0,087	FALSE
-0,023	0,310	-0,001	0,011	0,026	FALSE
0,060	0,303	0,001	0,007	0,060	FALSE
-0,067	0,306	-0,002	0,012	0,073	FALSE
0,050	0,316	0,001	0,011	0,043	FALSE
0,010	0,304	0,001	0,007	0,036	FALSE
0,145	0,311	0,004	0,008	0,196	FALSE
-0,017	0,300	0,000	0,012	0,010	FALSE
-0,063	0,314	-0,001	0,007	0,061	FALSE
-0,107	0,313	-0,003	0,010	0,124	FALSE
0,124	0,307	0,003	0,008	0,160	FALSE
-0,066	0,308	-0,001	0,008	0,060	FALSE
0,045	0,303	0,002	0,010	0,090	FALSE
-0,073	0,313	-0,002	0,012	0,069	FALSE
0,130	0,303	0,004	0,008	0,171	FALSE
0,042	0,303	0,002	0,010	0,077	FALSE
-0,056	0,301	-0,001	0,006	0,083	FALSE
0,036	0,297	0,001	0,007	0,055	FALSE
-0,089	0,304	-0,002	0,006	0,104	FALSE
0,071	0,304	0,002	0,007	0,108	FALSE
-0,043	0,315	-0,003	0,012	0,078	FALSE
-0,061	0,300	-0,004	0,011	0,127	FALSE
-0,013	0,309	0,000	0,010	0,010	FALSE
0,060	0,310	0,002	0,010	0,081	FALSE
0,079	0,299	0,003	0,011	0,093	FALSE
0,004	0,312	0,000	0,011	0,003	FALSE
0,036	0,301	0,000	0,008	0,016	FALSE
0,144	0,304	0,004	0,008	0,174	FALSE
-0,114	0,294	-0,002	0,006	0,145	FALSE
-0,092	0,313	-0,002	0,008	0,102	FALSE
-0,115	0,297	-0,003	0,008	0,155	FALSE
0,204	0,294	0,006	0,009	0,292	FALSE
-0,119	0,291	-0,004	0,011	0,160	FALSE
-0,026	0,314	-0,002	0,009	0,068	FALSE
0,026	0,311	0,001	0,012	0,026	FALSE
0,048	0,315	0,002	0,007	0,087	FALSE
-0,032	0,319	-0,002	0,007	0,079	FALSE
0,033	0,301	0,001	0,008	0,023	FALSE
0,072	0,307	0,001	0,007	0,065	FALSE
-0,005	0,311	0,000	0,012	0,013	FALSE
-0,058	0,317	-0,001	0,007	0,078	FALSE
0,037	0,315	0,001	0,011	0,031	FALSE
-0,065	0,297	-0,002	0,011	0,083	FALSE
0,074	0,309	0,003	0,011	0,109	FALSE
0,064	0,296	0,001	0,006	0,073	FALSE
0,029	0,294	0,001	0,006	0,041	FALSE

-0,098	0,310	-0,004	0,012	0,129	FALSE
-0,098	0,299	-0,002	0,007	0,113	FALSE
0,083	0,286	0,002	0,010	0,093	FALSE
0,085	0,299	0,002	0,008	0,125	FALSE
0,044	0,298	0,001	0,010	0,031	FALSE
0,002	0,301	0,001	0,006	0,033	FALSE
0,042	0,305	0,001	0,010	0,036	FALSE
0,015	0,317	0,000	0,010	0,004	FALSE
0,075	0,322	0,002	0,008	0,112	FALSE
0,023	0,307	0,000	0,006	0,016	FALSE
0,026	0,316	0,001	0,008	0,038	FALSE
-0,054	0,311	-0,001	0,011	0,043	FALSE
-0,120	0,320	-0,003	0,007	0,148	FALSE
-0,052	0,300	0,000	0,007	0,024	FALSE
0,183	0,279	0,005	0,007	0,365	FALSE
0,032	0,318	0,001	0,007	0,032	FALSE
-0,062	0,324	-0,002	0,007	0,092	FALSE
0,039	0,301	0,000	0,007	0,025	FALSE
0,054	0,304	0,001	0,007	0,068	FALSE
0,083	0,304	0,002	0,008	0,104	FALSE
0,078	0,300	0,002	0,006	0,100	FALSE
0,038	0,300	0,002	0,007	0,080	FALSE
-0,042	0,303	-0,002	0,009	0,067	FALSE
0,058	0,314	0,003	0,012	0,084	FALSE
0,119	0,292	0,005	0,010	0,201	FALSE
0,003	0,301	0,001	0,009	0,047	FALSE
0,046	0,315	0,003	0,013	0,071	FALSE
0,031	0,300	0,001	0,007	0,045	FALSE
-0,161	0,313	-0,006	0,011	0,251	TRUE
-0,170	0,310	-0,003	0,007	0,199	FALSE
-0,117	0,306	-0,006	0,012	0,182	FALSE
0,006	0,301	0,000	0,011	0,012	FALSE
-0,006	0,307	0,000	0,010	0,008	FALSE
-0,038	0,308	-0,001	0,010	0,053	FALSE
0,014	0,309	0,001	0,011	0,042	FALSE
-0,073	0,313	-0,003	0,012	0,085	FALSE
-0,061	0,313	-0,002	0,011	0,072	FALSE
-0,091	0,310	-0,003	0,011	0,116	FALSE
-0,148	0,296	-0,006	0,013	0,194	FALSE
0,056	0,305	0,002	0,007	0,095	FALSE
-0,100	0,296	-0,002	0,006	0,103	FALSE
-0,083	0,319	-0,003	0,013	0,077	FALSE
-0,103	0,312	-0,003	0,012	0,111	FALSE
0,127	0,311	0,004	0,011	0,150	FALSE
0,131	0,300	0,004	0,007	0,205	FALSE
-0,049	0,311	-0,001	0,007	0,056	FALSE
0,002	0,316	0,000	0,007	0,008	FALSE
-0,053	0,302	-0,001	0,008	0,059	FALSE
0,033	0,299	0,001	0,009	0,040	FALSE
0,044	0,308	0,001	0,009	0,054	FALSE
0,048	0,325	0,002	0,012	0,069	FALSE
0,041	0,304	0,001	0,009	0,056	FALSE
0,115	0,300	0,005	0,012	0,193	FALSE

-0,054	0,302	-0,001	0,006	0,057	FALSE
0,015	0,312	0,001	0,007	0,038	FALSE
-0,040	0,310	-0,001	0,009	0,053	FALSE
-0,091	0,303	-0,002	0,009	0,097	FALSE
0,077	0,300	0,002	0,008	0,110	FALSE
-0,098	0,300	-0,002	0,009	0,101	FALSE
-0,081	0,316	-0,002	0,007	0,100	FALSE
-0,056	0,291	-0,001	0,009	0,035	FALSE
-0,030	0,310	-0,001	0,012	0,033	FALSE
0,014	0,304	0,000	0,008	0,015	FALSE
0,022	0,311	0,000	0,009	0,014	FALSE
-0,077	0,294	-0,002	0,009	0,093	FALSE
0,003	0,309	-0,001	0,007	0,043	FALSE
0,025	0,306	0,001	0,010	0,019	FALSE
0,021	0,319	0,001	0,007	0,048	FALSE
-0,042	0,308	0,000	0,008	0,010	FALSE
-0,011	0,317	0,000	0,011	0,014	FALSE
-0,008	0,304	-0,001	0,007	0,033	FALSE
-0,045	0,317	-0,001	0,008	0,046	FALSE
0,098	0,303	0,003	0,009	0,153	FALSE
0,189	0,291	0,003	0,006	0,232	FALSE
0,055	0,301	0,002	0,007	0,088	FALSE
0,005	0,301	0,000	0,009	0,018	FALSE
0,012	0,311	0,000	0,011	0,001	FALSE
-0,013	0,314	0,000	0,009	0,004	FALSE
-0,037	0,312	-0,001	0,009	0,038	FALSE
-0,003	0,314	0,000	0,008	0,018	FALSE
0,001	0,296	0,001	0,007	0,030	FALSE
0,079	0,313	0,002	0,008	0,074	FALSE
0,154	0,295	0,007	0,012	0,230	FALSE
-0,114	0,307	-0,005	0,013	0,168	FALSE
0,175	0,304	0,008	0,012	0,280	FALSE
-0,101	0,295	-0,005	0,012	0,147	FALSE
-0,172	0,300	-0,007	0,012	0,267	FALSE
0,107	0,298	0,003	0,009	0,161	FALSE
-0,134	0,313	-0,006	0,011	0,214	FALSE
0,068	0,305	0,003	0,012	0,112	FALSE
-0,071	0,312	-0,001	0,008	0,059	FALSE
0,096	0,305	0,003	0,012	0,107	FALSE
0,036	0,301	0,001	0,007	0,069	FALSE
0,138	0,302	0,005	0,010	0,206	FALSE
-0,203	0,298	-0,009	0,012	0,328	FALSE
0,048	0,296	0,001	0,006	0,061	FALSE
-0,045	0,299	-0,001	0,006	0,062	FALSE
0,001	0,303	0,000	0,007	0,003	FALSE
-0,033	0,296	-0,001	0,008	0,058	FALSE
-0,115	0,308	-0,004	0,011	0,144	FALSE
0,006	0,322	0,001	0,012	0,024	FALSE
-0,112	0,299	-0,003	0,008	0,132	FALSE
-0,079	0,305	-0,003	0,011	0,098	FALSE
0,100	0,294	0,002	0,008	0,117	FALSE
-0,015	0,307	0,000	0,009	0,017	FALSE
-0,125	0,317	-0,004	0,012	0,126	FALSE

0,039	0,305	0,001	0,009	0,039	FALSE
0,043	0,310	0,001	0,011	0,040	FALSE
-0,039	0,307	-0,001	0,011	0,042	FALSE
-0,034	0,308	-0,001	0,007	0,071	FALSE
-0,040	0,314	-0,001	0,013	0,028	FALSE
0,017	0,302	0,000	0,009	0,016	FALSE
-0,004	0,306	0,000	0,009	0,003	FALSE
-0,154	0,288	-0,006	0,012	0,215	FALSE
0,084	0,296	0,003	0,012	0,093	FALSE
-0,045	0,299	-0,001	0,006	0,064	FALSE
0,042	0,299	0,002	0,011	0,066	FALSE
0,153	0,297	0,006	0,010	0,254	FALSE
0,014	0,322	0,000	0,010	0,009	FALSE
0,019	0,299	0,000	0,007	0,007	FALSE
-0,050	0,300	-0,003	0,012	0,079	FALSE
-0,147	0,302	-0,006	0,012	0,190	FALSE
-0,094	0,290	-0,002	0,008	0,082	FALSE
0,012	0,291	0,002	0,012	0,058	FALSE
-0,030	0,301	0,000	0,012	0,013	FALSE
0,022	0,308	0,002	0,012	0,052	FALSE
0,006	0,297	0,001	0,012	0,028	FALSE
-0,007	0,316	0,000	0,008	0,013	FALSE
-0,016	0,302	0,000	0,012	0,006	FALSE
-0,152	0,305	-0,004	0,009	0,216	FALSE
-0,099	0,303	-0,003	0,010	0,135	FALSE
-0,049	0,302	-0,002	0,009	0,074	FALSE
-0,117	0,304	-0,003	0,008	0,179	FALSE
-0,189	0,295	-0,004	0,007	0,263	FALSE
-0,142	0,292	-0,004	0,009	0,205	FALSE
-0,141	0,289	-0,004	0,008	0,244	FALSE
0,031	0,289	0,000	0,008	0,023	FALSE
0,149	0,301	0,004	0,008	0,215	FALSE
0,008	0,311	0,000	0,008	0,015	FALSE
0,072	0,312	0,002	0,006	0,114	FALSE
0,060	0,311	0,002	0,006	0,101	FALSE
0,057	0,313	0,001	0,006	0,090	FALSE
-0,058	0,318	-0,002	0,008	0,067	FALSE
0,136	0,305	0,005	0,010	0,195	FALSE
0,107	0,296	0,004	0,008	0,182	FALSE
-0,002	0,306	-0,001	0,007	0,040	FALSE
0,092	0,313	0,004	0,009	0,164	FALSE
-0,116	0,302	-0,003	0,008	0,166	FALSE
-0,092	0,294	-0,003	0,011	0,117	FALSE
0,041	0,302	0,001	0,007	0,071	FALSE
-0,029	0,292	-0,002	0,008	0,074	FALSE
0,097	0,291	0,004	0,012	0,113	FALSE
-0,004	0,303	0,001	0,009	0,025	FALSE
0,008	0,294	0,001	0,009	0,049	FALSE
-0,009	0,308	0,000	0,008	0,020	FALSE
-0,022	0,310	-0,001	0,007	0,038	FALSE
-0,080	0,289	-0,002	0,012	0,078	FALSE
-0,071	0,309	-0,002	0,008	0,110	FALSE
0,113	0,311	0,004	0,010	0,175	FALSE

-0,053	0,310	-0,003	0,011	0,093	FALSE
-0,113	0,318	-0,005	0,011	0,178	FALSE
0,100	0,308	0,002	0,007	0,112	FALSE
0,023	0,302	0,001	0,009	0,031	FALSE
0,104	0,313	0,003	0,010	0,131	FALSE
-0,129	0,292	-0,004	0,008	0,230	FALSE
-0,140	0,292	-0,005	0,008	0,265	FALSE
-0,102	0,299	-0,003	0,008	0,172	FALSE
-0,001	0,302	-0,001	0,010	0,027	FALSE
-0,066	0,304	-0,001	0,007	0,042	FALSE
0,035	0,311	0,001	0,011	0,033	FALSE
-0,092	0,291	-0,004	0,012	0,136	FALSE
-0,038	0,300	-0,001	0,013	0,036	FALSE
-0,071	0,312	-0,003	0,012	0,101	FALSE
-0,052	0,308	-0,002	0,008	0,082	FALSE
-0,020	0,319	-0,001	0,013	0,029	FALSE
-0,028	0,332	-0,001	0,009	0,028	FALSE
0,157	0,298	0,004	0,008	0,216	FALSE
-0,036	0,299	-0,002	0,012	0,045	FALSE
-0,045	0,300	-0,002	0,012	0,080	FALSE
0,110	0,320	0,004	0,010	0,153	FALSE
-0,096	0,312	-0,003	0,010	0,137	FALSE
0,020	0,317	0,000	0,013	0,010	FALSE
-0,058	0,307	-0,002	0,011	0,061	FALSE
0,036	0,312	0,002	0,011	0,057	FALSE
0,081	0,300	0,003	0,012	0,101	FALSE
0,047	0,316	0,002	0,012	0,053	FALSE
0,021	0,307	0,001	0,011	0,026	FALSE
0,025	0,316	0,001	0,012	0,034	FALSE
0,051	0,313	0,002	0,013	0,069	FALSE
0,162	0,297	0,008	0,013	0,274	FALSE
0,149	0,309	0,007	0,013	0,239	FALSE
-0,030	0,303	0,000	0,008	0,011	FALSE
-0,062	0,299	-0,001	0,008	0,067	FALSE
-0,160	0,303	-0,007	0,013	0,254	FALSE
-0,065	0,303	-0,002	0,011	0,086	FALSE
-0,060	0,299	-0,002	0,010	0,079	FALSE
-0,054	0,314	-0,002	0,010	0,069	FALSE
-0,085	0,309	-0,002	0,007	0,114	FALSE
0,097	0,299	0,002	0,008	0,113	FALSE
0,049	0,317	0,002	0,012	0,060	FALSE
0,057	0,319	0,002	0,009	0,097	FALSE
-0,007	0,322	-0,001	0,012	0,037	FALSE
-0,118	0,294	-0,005	0,012	0,176	FALSE
-0,124	0,301	-0,005	0,012	0,178	FALSE
-0,091	0,293	-0,003	0,012	0,095	FALSE
-0,101	0,303	-0,003	0,010	0,111	FALSE
0,105	0,316	0,003	0,010	0,111	FALSE
-0,089	0,323	-0,002	0,007	0,114	FALSE
-0,130	0,312	-0,003	0,007	0,187	FALSE
0,025	0,307	0,000	0,012	0,004	FALSE
0,025	0,300	0,000	0,008	0,019	FALSE
0,046	0,300	0,001	0,009	0,034	FALSE

0,037	0,293	0,000	0,007	0,010	FALSE
-0,036	0,296	-0,001	0,007	0,054	FALSE
-0,035	0,304	0,000	0,007	0,024	FALSE
0,067	0,308	0,002	0,006	0,117	FALSE
-0,050	0,302	-0,002	0,009	0,062	FALSE
-0,146	0,315	-0,006	0,013	0,182	FALSE
0,054	0,305	0,001	0,007	0,056	FALSE
-0,002	0,313	-0,001	0,011	0,023	FALSE
0,066	0,306	0,002	0,009	0,075	FALSE
0,089	0,307	0,002	0,008	0,115	FALSE
0,025	0,302	0,001	0,008	0,060	FALSE
0,043	0,303	0,001	0,008	0,038	FALSE
0,113	0,279	0,004	0,008	0,254	FALSE
0,202	0,290	0,008	0,012	0,298	FALSE
0,032	0,307	0,001	0,007	0,039	FALSE
0,037	0,298	0,000	0,006	0,020	FALSE
-0,002	0,307	0,000	0,006	0,021	FALSE
-0,015	0,308	0,000	0,006	0,004	FALSE
-0,018	0,309	0,000	0,006	0,004	FALSE
-0,019	0,308	0,000	0,006	0,005	FALSE
-0,005	0,305	0,000	0,008	0,020	FALSE
-0,070	0,298	-0,003	0,010	0,110	FALSE
0,086	0,296	0,003	0,007	0,177	FALSE
0,087	0,302	0,004	0,013	0,125	FALSE
0,072	0,294	0,003	0,011	0,101	FALSE
0,069	0,317	0,003	0,013	0,075	FALSE
0,055	0,304	0,001	0,006	0,087	FALSE
-0,067	0,316	-0,002	0,012	0,075	FALSE
-0,087	0,308	-0,005	0,013	0,153	FALSE
-0,107	0,306	-0,003	0,011	0,108	FALSE
-0,078	0,297	-0,001	0,007	0,067	FALSE
-0,016	0,291	-0,002	0,011	0,054	FALSE
-0,033	0,299	-0,003	0,013	0,096	FALSE
0,063	0,296	0,001	0,010	0,049	FALSE
0,112	0,307	0,004	0,011	0,150	FALSE
-0,086	0,303	-0,004	0,012	0,116	FALSE
-0,073	0,299	-0,002	0,006	0,108	FALSE
-0,094	0,304	-0,005	0,012	0,168	FALSE
0,012	0,309	0,000	0,011	0,007	FALSE
-0,011	0,313	0,000	0,007	0,017	FALSE
-0,013	0,310	-0,001	0,009	0,048	FALSE
0,059	0,294	0,001	0,007	0,063	FALSE
-0,034	0,314	-0,001	0,007	0,044	FALSE
0,126	0,310	0,006	0,013	0,181	FALSE
0,114	0,308	0,004	0,011	0,139	FALSE
-0,124	0,293	-0,003	0,007	0,194	FALSE
-0,079	0,296	-0,004	0,009	0,165	FALSE
0,087	0,300	0,003	0,010	0,105	FALSE
-0,065	0,315	-0,001	0,008	0,051	FALSE
-0,067	0,308	-0,001	0,008	0,064	FALSE
0,000	0,295	0,000	0,007	0,015	FALSE
0,093	0,304	0,003	0,009	0,141	FALSE
-0,071	0,301	-0,003	0,010	0,114	FALSE

-0,037	0,311	-0,001	0,008	0,032	FALSE
-0,058	0,320	-0,001	0,008	0,068	FALSE
-0,007	0,297	-0,001	0,011	0,027	FALSE
0,189	0,296	0,009	0,011	0,341	FALSE
0,175	0,299	0,008	0,012	0,312	FALSE
0,117	0,294	0,006	0,012	0,223	FALSE
-0,147	0,308	-0,007	0,013	0,233	FALSE
-0,061	0,288	-0,001	0,006	0,046	FALSE
-0,091	0,310	-0,002	0,006	0,125	FALSE
0,035	0,310	0,002	0,010	0,057	FALSE
0,079	0,311	0,003	0,009	0,137	FALSE
0,007	0,305	0,000	0,007	0,002	FALSE
-0,026	0,311	0,000	0,006	0,001	FALSE
-0,102	0,310	-0,005	0,013	0,156	FALSE
0,046	0,299	0,001	0,006	0,048	FALSE
-0,003	0,300	-0,001	0,006	0,040	FALSE
0,022	0,298	0,000	0,007	0,025	FALSE
-0,022	0,305	-0,002	0,009	0,067	FALSE
0,061	0,311	0,002	0,008	0,073	FALSE
0,001	0,297	0,000	0,007	0,022	FALSE
-0,015	0,302	0,000	0,006	0,003	FALSE
0,002	0,304	0,000	0,008	0,017	FALSE
-0,013	0,301	0,000	0,013	0,009	FALSE
-0,038	0,299	0,000	0,012	0,013	FALSE
-0,078	0,311	-0,001	0,007	0,067	FALSE
-0,073	0,308	-0,003	0,009	0,105	FALSE
-0,159	0,298	-0,008	0,013	0,282	FALSE
-0,065	0,313	-0,002	0,007	0,094	FALSE
0,061	0,299	0,002	0,008	0,084	FALSE
0,068	0,311	0,002	0,009	0,078	FALSE
-0,019	0,309	0,000	0,012	0,015	FALSE
0,015	0,323	0,000	0,013	0,013	FALSE
0,053	0,310	0,001	0,007	0,047	FALSE
-0,069	0,312	-0,002	0,010	0,084	FALSE
-0,011	0,297	-0,001	0,011	0,040	FALSE
-0,062	0,295	-0,003	0,011	0,107	FALSE
0,053	0,309	0,001	0,007	0,050	FALSE
-0,086	0,298	-0,002	0,006	0,119	FALSE
0,050	0,302	0,002	0,007	0,104	FALSE
0,037	0,307	0,001	0,010	0,051	FALSE
-0,023	0,309	-0,001	0,011	0,041	FALSE
-0,079	0,309	-0,002	0,009	0,102	FALSE
-0,052	0,306	-0,003	0,012	0,078	FALSE
-0,025	0,313	-0,001	0,009	0,020	FALSE
0,022	0,307	0,002	0,011	0,069	FALSE
0,102	0,313	0,004	0,011	0,157	FALSE
0,052	0,317	0,002	0,009	0,083	FALSE
-0,005	0,312	-0,001	0,011	0,026	FALSE
0,042	0,318	0,001	0,010	0,033	FALSE
-0,036	0,304	-0,002	0,008	0,077	FALSE
-0,054	0,309	-0,002	0,008	0,106	FALSE
-0,008	0,303	0,000	0,013	0,006	FALSE
-0,035	0,294	-0,002	0,011	0,064	FALSE

-0,025	0,297	-0,001	0,008	0,034	FALSE
-0,054	0,313	-0,002	0,009	0,095	FALSE
-0,089	0,312	-0,003	0,011	0,115	FALSE
-0,009	0,310	0,000	0,007	0,022	FALSE
-0,104	0,312	-0,004	0,013	0,134	FALSE
-0,018	0,306	-0,001	0,012	0,038	FALSE
-0,076	0,300	-0,002	0,012	0,075	FALSE
-0,038	0,313	-0,001	0,009	0,025	FALSE
-0,023	0,313	-0,001	0,011	0,042	FALSE
-0,051	0,295	-0,001	0,010	0,050	FALSE
-0,074	0,296	-0,002	0,007	0,093	FALSE
0,068	0,309	0,004	0,013	0,120	FALSE
0,212	0,298	0,005	0,007	0,331	FALSE
0,208	0,295	0,005	0,007	0,315	FALSE
0,205	0,296	0,005	0,007	0,311	FALSE
0,169	0,293	0,005	0,009	0,236	FALSE
-0,050	0,308	-0,002	0,010	0,073	FALSE
-0,046	0,319	-0,001	0,008	0,057	FALSE
-0,071	0,303	-0,002	0,009	0,073	FALSE
0,074	0,315	0,002	0,007	0,100	FALSE
-0,032	0,319	-0,001	0,007	0,038	FALSE
-0,006	0,313	0,000	0,011	0,002	FALSE
-0,011	0,322	0,000	0,012	0,006	FALSE
0,078	0,306	0,003	0,012	0,083	FALSE
0,158	0,297	0,005	0,009	0,261	FALSE
-0,024	0,311	-0,001	0,011	0,024	FALSE
0,036	0,301	0,001	0,006	0,050	FALSE
-0,043	0,312	-0,002	0,012	0,073	FALSE
-0,010	0,304	-0,001	0,012	0,020	FALSE
0,135	0,311	0,003	0,006	0,157	FALSE
0,031	0,317	0,001	0,006	0,041	FALSE
0,004	0,300	0,000	0,006	0,004	FALSE
-0,083	0,304	-0,002	0,006	0,113	FALSE
-0,010	0,311	0,000	0,013	0,004	FALSE
-0,078	0,290	-0,002	0,006	0,126	FALSE
-0,044	0,309	-0,002	0,009	0,070	FALSE
-0,047	0,319	-0,002	0,010	0,071	FALSE
-0,097	0,319	-0,003	0,010	0,130	FALSE
-0,092	0,304	-0,002	0,007	0,090	FALSE
0,021	0,312	0,001	0,012	0,022	FALSE
0,099	0,299	0,003	0,012	0,105	FALSE
0,111	0,309	0,004	0,013	0,136	FALSE
0,142	0,311	0,005	0,013	0,176	FALSE
-0,024	0,304	-0,001	0,009	0,034	FALSE
-0,039	0,311	-0,001	0,012	0,042	FALSE
-0,042	0,314	-0,001	0,012	0,039	FALSE
-0,007	0,301	-0,001	0,008	0,055	FALSE
-0,062	0,303	-0,002	0,011	0,070	FALSE
0,031	0,310	0,001	0,012	0,032	FALSE
-0,035	0,309	-0,001	0,008	0,043	FALSE
0,040	0,313	0,001	0,007	0,048	FALSE
-0,015	0,304	-0,001	0,009	0,029	FALSE
0,067	0,296	0,003	0,012	0,086	FALSE

-0,013	0,295	0,000	0,010	0,015	FALSE
-0,125	0,304	-0,003	0,008	0,143	FALSE
-0,036	0,313	-0,001	0,012	0,015	FALSE
-0,038	0,316	-0,003	0,013	0,088	FALSE
0,054	0,326	0,003	0,012	0,078	FALSE
-0,062	0,314	-0,001	0,008	0,058	FALSE
0,005	0,314	0,000	0,006	0,008	FALSE
0,095	0,302	0,003	0,010	0,102	FALSE
0,048	0,299	0,001	0,009	0,020	FALSE
0,033	0,319	0,002	0,012	0,055	FALSE
-0,035	0,295	-0,001	0,010	0,043	FALSE
-0,034	0,303	-0,001	0,009	0,039	FALSE
0,012	0,309	0,000	0,008	0,002	FALSE
0,052	0,319	0,002	0,011	0,062	FALSE
-0,064	0,319	-0,003	0,012	0,091	FALSE
0,054	0,286	0,001	0,006	0,038	FALSE
0,063	0,308	0,003	0,012	0,109	FALSE
0,025	0,326	0,001	0,008	0,034	FALSE
-0,096	0,291	-0,002	0,007	0,128	FALSE
0,040	0,300	0,002	0,012	0,057	FALSE
-0,111	0,289	-0,002	0,006	0,126	FALSE
0,054	0,288	0,003	0,012	0,098	FALSE
0,034	0,301	0,000	0,009	0,018	FALSE
-0,039	0,287	-0,002	0,008	0,085	FALSE
0,147	0,304	0,003	0,007	0,198	FALSE
-0,010	0,303	-0,001	0,010	0,040	FALSE
0,040	0,308	0,001	0,007	0,042	FALSE
-0,073	0,316	-0,001	0,006	0,082	FALSE
0,016	0,297	0,001	0,009	0,033	FALSE
0,043	0,300	0,001	0,008	0,062	FALSE
0,067	0,315	0,002	0,009	0,096	FALSE
-0,133	0,287	-0,005	0,008	0,228	FALSE
-0,128	0,294	-0,004	0,009	0,208	FALSE
0,026	0,301	0,002	0,012	0,060	FALSE
-0,076	0,309	-0,001	0,007	0,073	FALSE
0,094	0,298	0,004	0,009	0,170	FALSE
0,074	0,307	0,002	0,007	0,117	FALSE
-0,062	0,293	-0,001	0,007	0,071	FALSE
-0,154	0,302	-0,005	0,008	0,243	FALSE
-0,154	0,303	-0,005	0,009	0,230	FALSE
-0,156	0,308	-0,005	0,010	0,197	FALSE
-0,067	0,311	-0,001	0,006	0,059	FALSE
-0,030	0,300	0,000	0,006	0,018	FALSE
0,051	0,321	0,002	0,008	0,072	FALSE
-0,068	0,300	-0,003	0,012	0,100	FALSE
0,014	0,313	0,001	0,009	0,032	FALSE
-0,027	0,316	-0,001	0,007	0,034	FALSE
-0,023	0,309	-0,001	0,007	0,043	FALSE
0,092	0,297	0,003	0,010	0,128	FALSE
-0,114	0,306	-0,003	0,007	0,190	FALSE
-0,077	0,308	-0,002	0,009	0,065	FALSE
-0,108	0,302	-0,004	0,011	0,156	FALSE
-0,137	0,309	-0,004	0,011	0,156	FALSE

0,164	0,298	0,006	0,012	0,202	FALSE
-0,160	0,298	-0,006	0,011	0,223	FALSE
-0,064	0,318	-0,001	0,006	0,076	FALSE
-0,038	0,321	-0,001	0,007	0,038	FALSE
0,022	0,305	0,001	0,007	0,028	FALSE
-0,012	0,307	0,000	0,006	0,023	FALSE
-0,015	0,306	-0,001	0,012	0,021	FALSE
-0,125	0,312	-0,003	0,009	0,146	FALSE
-0,050	0,317	-0,001	0,008	0,024	FALSE
-0,005	0,312	-0,001	0,012	0,039	FALSE
0,175	0,296	0,005	0,009	0,252	FALSE
-0,052	0,304	-0,001	0,009	0,062	FALSE
-0,051	0,304	-0,001	0,009	0,047	FALSE
-0,058	0,317	-0,001	0,011	0,041	FALSE
-0,073	0,311	-0,002	0,008	0,089	FALSE
-0,075	0,303	-0,003	0,011	0,119	FALSE
-0,073	0,299	-0,003	0,011	0,121	FALSE
-0,044	0,307	-0,002	0,011	0,074	FALSE
-0,032	0,302	-0,002	0,012	0,060	FALSE
0,075	0,300	0,002	0,010	0,090	FALSE
0,039	0,299	0,001	0,010	0,041	FALSE
-0,100	0,317	-0,003	0,009	0,117	FALSE
-0,024	0,309	-0,001	0,007	0,038	FALSE
0,138	0,300	0,005	0,012	0,159	FALSE
-0,008	0,327	-0,001	0,010	0,031	FALSE
-0,079	0,317	-0,002	0,009	0,088	FALSE
0,180	0,312	0,006	0,009	0,253	FALSE
-0,065	0,303	-0,002	0,011	0,082	FALSE
0,075	0,294	0,003	0,010	0,127	FALSE
0,028	0,326	0,001	0,008	0,030	FALSE
0,026	0,309	0,001	0,008	0,039	FALSE
-0,069	0,316	-0,002	0,008	0,104	FALSE
-0,034	0,305	-0,001	0,007	0,039	FALSE
0,002	0,297	0,000	0,011	0,013	FALSE
0,023	0,293	0,001	0,008	0,035	FALSE
0,014	0,309	0,000	0,009	0,011	FALSE
-0,001	0,315	0,000	0,010	0,010	FALSE
0,005	0,305	0,000	0,006	0,018	FALSE
0,102	0,305	0,003	0,010	0,139	FALSE
0,083	0,306	0,003	0,009	0,119	FALSE
0,089	0,294	0,003	0,009	0,136	FALSE
-0,064	0,306	-0,001	0,009	0,062	FALSE
-0,037	0,313	-0,001	0,008	0,054	FALSE
-0,065	0,299	-0,001	0,006	0,044	FALSE
-0,042	0,308	-0,002	0,009	0,064	FALSE
-0,138	0,303	-0,006	0,012	0,212	FALSE
-0,007	0,315	-0,001	0,010	0,032	FALSE
-0,030	0,303	-0,001	0,013	0,037	FALSE
0,002	0,298	0,000	0,009	0,016	FALSE
0,054	0,297	0,002	0,007	0,088	FALSE
-0,113	0,320	-0,004	0,012	0,130	FALSE
-0,038	0,288	-0,001	0,010	0,031	FALSE
0,076	0,301	0,002	0,008	0,084	FALSE

0,044	0,312	0,001	0,008	0,043	FALSE
0,095	0,283	0,003	0,011	0,118	FALSE
0,037	0,299	0,000	0,010	0,009	FALSE
0,014	0,311	0,000	0,012	0,009	FALSE
-0,019	0,299	-0,001	0,008	0,058	FALSE
-0,095	0,300	-0,002	0,008	0,085	FALSE
0,057	0,302	0,001	0,007	0,054	FALSE
0,064	0,317	0,001	0,007	0,066	FALSE
0,223	0,292	0,008	0,012	0,302	FALSE
0,131	0,302	0,004	0,011	0,163	FALSE
-0,018	0,320	0,000	0,006	0,001	FALSE
0,021	0,301	0,002	0,013	0,074	FALSE
-0,046	0,295	-0,001	0,012	0,033	FALSE
-0,067	0,296	-0,002	0,012	0,054	FALSE
-0,025	0,310	0,000	0,013	0,002	FALSE
0,087	0,305	0,003	0,012	0,083	FALSE
0,071	0,315	0,002	0,012	0,068	FALSE
0,062	0,312	0,002	0,008	0,069	FALSE
-0,032	0,312	-0,001	0,012	0,020	FALSE
0,005	0,290	0,001	0,009	0,037	FALSE
-0,051	0,295	-0,002	0,011	0,059	FALSE
0,081	0,308	0,002	0,007	0,087	FALSE
-0,021	0,300	0,000	0,007	0,011	FALSE
-0,041	0,303	-0,001	0,007	0,034	FALSE
0,075	0,320	0,002	0,007	0,085	FALSE
-0,118	0,313	-0,003	0,008	0,163	FALSE
0,028	0,315	0,001	0,007	0,030	FALSE
-0,064	0,299	-0,002	0,007	0,115	FALSE
-0,147	0,304	-0,006	0,010	0,243	FALSE
-0,045	0,312	-0,001	0,008	0,068	FALSE
0,041	0,310	0,002	0,009	0,074	FALSE
0,081	0,309	0,003	0,009	0,120	FALSE
0,039	0,306	0,001	0,007	0,047	FALSE
0,002	0,298	0,000	0,007	0,004	FALSE
0,035	0,306	0,001	0,009	0,027	FALSE
0,091	0,309	0,003	0,011	0,118	FALSE
0,027	0,312	0,001	0,008	0,028	FALSE
0,066	0,305	0,002	0,010	0,081	FALSE
-0,030	0,293	-0,001	0,010	0,027	FALSE
0,015	0,315	0,001	0,007	0,032	FALSE
0,052	0,310	0,001	0,010	0,046	FALSE
-0,156	0,309	-0,006	0,011	0,219	FALSE
0,067	0,292	0,002	0,008	0,107	FALSE
0,034	0,302	0,001	0,008	0,029	FALSE
-0,118	0,311	-0,005	0,010	0,185	FALSE
-0,021	0,315	-0,001	0,007	0,047	FALSE
-0,085	0,318	-0,004	0,012	0,118	FALSE
0,024	0,287	0,001	0,008	0,041	FALSE
-0,167	0,310	-0,003	0,007	0,190	FALSE
-0,237	0,295	-0,009	0,012	0,373	FALSE
-0,155	0,294	-0,006	0,009	0,274	FALSE
0,118	0,299	0,003	0,007	0,167	FALSE
0,087	0,308	0,003	0,013	0,104	FALSE

-0,139	0,303	-0,003	0,007	0,138	FALSE
0,082	0,324	0,003	0,009	0,119	FALSE
0,018	0,318	0,001	0,009	0,040	FALSE
-0,169	0,310	-0,004	0,008	0,210	FALSE
-0,084	0,304	-0,002	0,007	0,134	FALSE
0,084	0,311	0,002	0,009	0,097	FALSE
-0,199	0,295	-0,006	0,010	0,275	FALSE
0,129	0,312	0,004	0,011	0,162	FALSE
-0,061	0,303	-0,002	0,010	0,088	FALSE
0,003	0,303	0,000	0,010	0,008	FALSE
-0,101	0,310	-0,002	0,008	0,117	FALSE
-0,093	0,304	-0,004	0,011	0,164	FALSE
-0,059	0,318	-0,002	0,012	0,071	FALSE
-0,029	0,318	0,000	0,008	0,019	FALSE
-0,013	0,309	0,000	0,012	0,009	FALSE
-0,062	0,305	-0,002	0,012	0,067	FALSE
0,084	0,298	0,002	0,010	0,088	FALSE
-0,027	0,316	0,000	0,009	0,010	FALSE
0,030	0,310	0,001	0,011	0,023	FALSE
-0,052	0,315	-0,003	0,012	0,092	FALSE
0,003	0,307	0,001	0,009	0,022	FALSE
0,002	0,301	0,000	0,007	0,014	FALSE
-0,019	0,314	-0,001	0,007	0,064	FALSE
-0,090	0,309	-0,002	0,007	0,133	FALSE
-0,032	0,310	-0,002	0,012	0,057	FALSE
-0,042	0,315	-0,002	0,011	0,080	FALSE
0,008	0,285	0,001	0,006	0,031	FALSE
0,021	0,315	0,001	0,010	0,024	FALSE
-0,020	0,316	0,000	0,008	0,002	FALSE
-0,038	0,287	-0,001	0,008	0,052	FALSE
0,047	0,298	0,001	0,012	0,017	FALSE
-0,032	0,301	-0,002	0,009	0,061	FALSE
-0,059	0,304	-0,001	0,006	0,077	FALSE
-0,036	0,310	-0,002	0,012	0,049	FALSE
0,021	0,315	0,000	0,007	0,019	FALSE
0,038	0,317	0,000	0,007	0,025	FALSE
0,117	0,301	0,004	0,008	0,204	FALSE
0,060	0,314	0,002	0,010	0,087	FALSE
-0,081	0,310	-0,002	0,008	0,088	FALSE
-0,107	0,321	-0,003	0,008	0,125	FALSE
-0,104	0,305	-0,003	0,011	0,097	FALSE
-0,097	0,309	-0,003	0,009	0,130	FALSE
-0,088	0,305	-0,003	0,009	0,119	FALSE
-0,051	0,314	-0,002	0,009	0,069	FALSE
0,023	0,304	0,002	0,011	0,057	FALSE
-0,062	0,299	-0,001	0,006	0,065	FALSE
0,016	0,312	0,001	0,013	0,029	FALSE
0,046	0,317	0,002	0,013	0,064	FALSE
0,097	0,321	0,004	0,012	0,122	FALSE
0,054	0,310	0,003	0,012	0,084	FALSE
0,061	0,306	0,002	0,012	0,070	FALSE
-0,081	0,302	-0,001	0,007	0,085	FALSE
0,079	0,302	0,003	0,012	0,078	FALSE

0,062	0,311	0,002	0,012	0,071	FALSE
0,077	0,304	0,002	0,011	0,084	FALSE
0,057	0,293	0,003	0,011	0,111	FALSE
0,039	0,295	0,001	0,007	0,041	FALSE
0,171	0,290	0,005	0,011	0,187	FALSE
0,125	0,288	0,003	0,010	0,118	FALSE
0,124	0,307	0,003	0,007	0,152	FALSE
0,084	0,311	0,001	0,008	0,071	FALSE
0,112	0,290	0,002	0,007	0,098	FALSE
0,093	0,307	0,002	0,008	0,089	FALSE
0,027	0,319	0,000	0,008	0,013	FALSE
-0,036	0,301	-0,001	0,008	0,060	FALSE
-0,080	0,326	-0,002	0,009	0,069	FALSE
-0,047	0,302	-0,001	0,009	0,042	FALSE
0,025	0,311	0,001	0,007	0,045	FALSE
-0,124	0,301	-0,004	0,010	0,164	FALSE
-0,213	0,306	-0,005	0,007	0,301	FALSE
-0,065	0,309	-0,001	0,007	0,075	FALSE
-0,142	0,308	-0,005	0,011	0,188	FALSE
-0,020	0,298	-0,001	0,008	0,026	FALSE
0,115	0,295	0,004	0,011	0,128	FALSE
0,042	0,298	0,001	0,008	0,053	FALSE
-0,032	0,320	0,000	0,008	0,016	FALSE
0,069	0,319	0,002	0,013	0,068	FALSE
0,018	0,297	0,000	0,008	0,007	FALSE
-0,070	0,309	-0,003	0,012	0,102	FALSE
0,051	0,321	0,003	0,013	0,083	FALSE
-0,097	0,303	-0,003	0,009	0,137	FALSE
0,126	0,307	0,004	0,007	0,209	FALSE
0,048	0,304	0,002	0,009	0,086	FALSE
-0,118	0,300	-0,003	0,007	0,159	FALSE
0,173	0,299	0,006	0,010	0,264	FALSE
-0,053	0,297	-0,002	0,012	0,062	FALSE
-0,148	0,300	-0,007	0,013	0,219	FALSE
0,090	0,304	0,002	0,007	0,127	FALSE
0,055	0,315	0,002	0,007	0,091	FALSE
0,014	0,311	0,001	0,009	0,040	FALSE
0,117	0,309	0,004	0,009	0,160	FALSE
0,065	0,306	0,002	0,007	0,112	FALSE
-0,003	0,313	-0,001	0,010	0,039	FALSE
0,043	0,317	0,001	0,007	0,029	FALSE
0,039	0,301	0,001	0,007	0,040	FALSE
-0,059	0,300	-0,002	0,013	0,074	FALSE
-0,047	0,305	-0,002	0,012	0,060	FALSE
0,000	0,316	0,000	0,008	0,009	FALSE
-0,110	0,301	-0,003	0,008	0,145	FALSE
0,100	0,321	0,002	0,007	0,106	FALSE
0,001	0,310	0,000	0,008	0,014	FALSE
0,003	0,288	0,000	0,010	0,006	FALSE
-0,083	0,313	-0,003	0,011	0,114	FALSE
0,091	0,304	0,003	0,009	0,160	FALSE
0,086	0,308	0,002	0,009	0,103	FALSE
-0,129	0,313	-0,003	0,007	0,193	FALSE

0,027	0,304	0,001	0,010	0,035	FALSE
0,052	0,308	0,003	0,012	0,101	FALSE
-0,048	0,308	-0,001	0,010	0,055	FALSE
-0,109	0,300	-0,003	0,007	0,144	FALSE
-0,084	0,306	-0,002	0,007	0,107	FALSE
0,168	0,295	0,005	0,009	0,240	FALSE
0,241	0,289	0,011	0,012	0,439	FALSE
0,041	0,306	0,001	0,010	0,051	FALSE
-0,005	0,307	0,000	0,007	0,008	FALSE
0,002	0,316	0,001	0,008	0,043	FALSE
-0,041	0,299	-0,001	0,009	0,049	FALSE
-0,042	0,314	-0,001	0,008	0,035	FALSE
0,077	0,297	0,003	0,011	0,103	FALSE
0,171	0,299	0,004	0,006	0,283	FALSE
-0,181	0,296	-0,007	0,013	0,255	FALSE
-0,167	0,294	-0,007	0,012	0,244	FALSE
-0,159	0,298	-0,007	0,012	0,229	FALSE
-0,042	0,290	-0,001	0,012	0,037	FALSE
0,115	0,301	0,004	0,012	0,138	FALSE
0,050	0,313	0,001	0,007	0,066	FALSE
0,047	0,313	0,001	0,007	0,066	FALSE
0,006	0,307	0,000	0,006	0,003	FALSE
0,034	0,304	0,001	0,007	0,029	FALSE
0,043	0,302	0,002	0,011	0,083	FALSE
0,148	0,304	0,003	0,006	0,211	FALSE
-0,080	0,307	-0,003	0,011	0,105	FALSE
-0,111	0,305	-0,003	0,007	0,154	FALSE
-0,005	0,310	-0,001	0,008	0,044	FALSE
-0,058	0,305	-0,003	0,011	0,102	FALSE
-0,076	0,310	-0,002	0,011	0,086	FALSE
-0,005	0,308	0,000	0,008	0,011	FALSE
-0,049	0,309	-0,001	0,007	0,074	FALSE
-0,032	0,315	-0,001	0,010	0,038	FALSE
0,031	0,325	0,001	0,010	0,046	FALSE
0,134	0,302	0,006	0,012	0,198	FALSE
-0,093	0,306	-0,004	0,010	0,137	FALSE
0,036	0,306	0,000	0,006	0,012	FALSE
0,051	0,303	0,001	0,009	0,026	FALSE
0,067	0,314	0,002	0,009	0,061	FALSE
-0,197	0,305	-0,007	0,012	0,261	FALSE
0,127	0,294	0,005	0,011	0,187	FALSE
-0,038	0,296	0,000	0,010	0,006	FALSE
-0,008	0,323	0,001	0,011	0,030	FALSE
-0,029	0,301	-0,001	0,007	0,075	FALSE
-0,108	0,307	-0,004	0,008	0,171	FALSE
-0,103	0,321	-0,003	0,009	0,129	FALSE
0,062	0,280	0,001	0,009	0,057	FALSE
-0,097	0,306	-0,003	0,010	0,130	FALSE
0,038	0,308	0,002	0,012	0,051	FALSE
-0,027	0,313	0,000	0,008	0,022	FALSE
0,016	0,306	0,001	0,007	0,029	FALSE
-0,012	0,304	0,000	0,007	0,010	FALSE
0,031	0,309	0,001	0,012	0,039	FALSE

0,016	0,292	0,001	0,007	0,028	FALSE
0,043	0,309	0,001	0,007	0,052	FALSE
0,026	0,310	0,002	0,012	0,067	FALSE
-0,048	0,318	-0,001	0,007	0,045	FALSE
-0,065	0,311	-0,001	0,007	0,068	FALSE
0,010	0,288	0,001	0,008	0,041	FALSE
-0,060	0,289	-0,001	0,010	0,054	FALSE
-0,014	0,311	-0,001	0,009	0,037	FALSE
0,054	0,297	0,001	0,007	0,030	FALSE
0,031	0,301	0,001	0,011	0,044	FALSE
0,003	0,316	0,000	0,008	0,008	FALSE
0,004	0,312	0,000	0,012	0,010	FALSE
-0,030	0,293	-0,002	0,011	0,058	FALSE
0,075	0,308	0,002	0,008	0,081	FALSE
-0,026	0,294	0,000	0,009	0,009	FALSE
0,027	0,295	0,001	0,009	0,055	FALSE
0,013	0,304	0,000	0,010	0,016	FALSE
-0,017	0,297	0,000	0,007	0,020	FALSE
0,028	0,319	0,000	0,011	0,015	FALSE
-0,006	0,295	0,000	0,011	0,007	FALSE
-0,022	0,307	0,000	0,011	0,001	FALSE
0,127	0,305	0,002	0,006	0,160	FALSE
0,132	0,305	0,004	0,009	0,157	FALSE
0,115	0,319	0,003	0,010	0,126	FALSE
0,029	0,307	0,001	0,009	0,022	FALSE
0,131	0,301	0,003	0,006	0,163	FALSE
0,067	0,312	0,002	0,010	0,074	FALSE
-0,195	0,303	-0,004	0,007	0,264	FALSE
-0,036	0,299	-0,002	0,010	0,064	FALSE
0,061	0,304	0,001	0,006	0,082	FALSE
-0,090	0,295	-0,002	0,006	0,152	FALSE
0,001	0,308	0,000	0,007	0,005	FALSE
0,019	0,301	0,001	0,011	0,026	FALSE
0,151	0,302	0,004	0,008	0,216	FALSE
0,022	0,304	0,001	0,008	0,052	FALSE
0,051	0,316	0,001	0,007	0,058	FALSE
0,041	0,310	0,001	0,007	0,056	FALSE
0,069	0,300	0,002	0,013	0,054	FALSE
-0,059	0,305	-0,003	0,012	0,085	FALSE
0,044	0,304	0,002	0,010	0,058	FALSE
0,060	0,302	0,003	0,012	0,089	FALSE
0,049	0,293	0,001	0,008	0,053	FALSE
0,014	0,306	0,000	0,009	0,010	FALSE
-0,035	0,302	-0,001	0,007	0,058	FALSE
-0,058	0,291	-0,002	0,007	0,111	FALSE
0,018	0,294	0,001	0,010	0,051	FALSE
-0,038	0,306	-0,001	0,006	0,040	FALSE
-0,048	0,302	-0,001	0,006	0,067	FALSE
-0,035	0,303	-0,002	0,012	0,055	FALSE
0,029	0,313	0,001	0,007	0,044	FALSE
0,039	0,303	0,001	0,012	0,016	FALSE
0,048	0,311	0,001	0,012	0,027	FALSE
0,055	0,299	0,003	0,010	0,107	FALSE

-0,116	0,299	-0,005	0,012	0,182	FALSE
0,005	0,319	0,001	0,009	0,020	FALSE
0,043	0,308	0,001	0,010	0,053	FALSE
-0,131	0,308	-0,005	0,013	0,166	FALSE
-0,083	0,311	-0,002	0,007	0,108	FALSE
0,067	0,309	0,003	0,012	0,082	FALSE
-0,074	0,318	-0,002	0,010	0,076	FALSE
-0,071	0,303	-0,002	0,010	0,073	FALSE
-0,063	0,304	-0,001	0,008	0,045	FALSE
-0,006	0,311	0,000	0,012	0,012	FALSE
-0,041	0,298	-0,002	0,011	0,068	FALSE
0,005	0,304	0,000	0,011	0,009	FALSE
-0,027	0,311	-0,001	0,012	0,036	FALSE
-0,107	0,310	-0,004	0,012	0,121	FALSE
0,094	0,294	0,003	0,011	0,119	FALSE
0,098	0,307	0,004	0,012	0,124	FALSE
0,118	0,288	0,004	0,011	0,167	FALSE
-0,051	0,309	-0,002	0,009	0,093	FALSE
-0,003	0,304	0,001	0,006	0,035	FALSE
0,048	0,293	0,001	0,012	0,021	FALSE
-0,192	0,298	-0,004	0,006	0,231	FALSE
0,153	0,290	0,004	0,011	0,155	FALSE
-0,110	0,315	-0,002	0,008	0,109	FALSE
-0,031	0,308	0,000	0,012	0,002	FALSE
-0,084	0,306	-0,002	0,007	0,123	FALSE
0,027	0,307	0,001	0,010	0,035	FALSE
0,029	0,297	0,001	0,007	0,039	FALSE
0,079	0,303	0,002	0,009	0,091	FALSE
0,073	0,292	0,002	0,009	0,097	FALSE
-0,039	0,300	-0,001	0,007	0,031	FALSE
0,100	0,303	0,006	0,013	0,179	FALSE
0,121	0,306	0,004	0,010	0,181	FALSE
-0,091	0,303	-0,002	0,008	0,094	FALSE
0,058	0,299	0,001	0,007	0,071	FALSE
-0,055	0,313	-0,002	0,010	0,096	FALSE
-0,045	0,300	-0,001	0,011	0,047	FALSE
0,037	0,301	0,001	0,011	0,032	FALSE
-0,152	0,305	-0,003	0,006	0,228	FALSE
0,048	0,315	0,001	0,006	0,067	FALSE
-0,057	0,301	-0,003	0,010	0,102	FALSE
-0,083	0,323	-0,003	0,011	0,123	FALSE
0,062	0,301	0,002	0,010	0,077	FALSE
0,082	0,303	0,002	0,008	0,103	FALSE
0,054	0,320	0,001	0,007	0,076	FALSE
0,036	0,302	0,001	0,010	0,022	FALSE
-0,027	0,319	-0,001	0,013	0,039	FALSE
-0,034	0,308	-0,001	0,009	0,054	FALSE
0,054	0,318	0,001	0,009	0,048	FALSE
0,040	0,308	0,001	0,012	0,018	FALSE
-0,029	0,315	-0,001	0,010	0,033	FALSE
-0,054	0,290	-0,002	0,006	0,107	FALSE
0,027	0,318	0,001	0,006	0,028	FALSE
-0,005	0,313	0,000	0,013	0,008	FALSE

0,051	0,310	0,002	0,008	0,095	FALSE
0,044	0,308	0,002	0,008	0,101	FALSE
0,086	0,297	0,003	0,008	0,169	FALSE
0,062	0,305	0,003	0,008	0,128	FALSE
0,046	0,307	0,002	0,009	0,083	FALSE
0,134	0,286	0,005	0,010	0,236	FALSE
0,072	0,306	0,003	0,010	0,119	FALSE
-0,017	0,317	-0,001	0,012	0,018	FALSE
0,068	0,300	0,003	0,009	0,122	FALSE
0,015	0,298	0,000	0,009	0,001	FALSE
0,043	0,314	0,001	0,009	0,057	FALSE
-0,078	0,306	-0,002	0,008	0,100	FALSE
-0,027	0,307	-0,001	0,007	0,048	FALSE
-0,068	0,300	-0,001	0,006	0,086	FALSE
-0,008	0,303	0,000	0,009	0,003	FALSE
-0,019	0,299	-0,002	0,009	0,077	FALSE
-0,141	0,301	-0,003	0,007	0,200	FALSE
-0,077	0,325	-0,002	0,009	0,086	FALSE
-0,007	0,311	0,000	0,006	0,013	FALSE
0,082	0,311	0,002	0,006	0,101	FALSE
0,054	0,325	0,001	0,009	0,045	FALSE
0,037	0,310	0,001	0,009	0,048	FALSE
0,017	0,322	0,000	0,006	0,025	FALSE
-0,066	0,309	-0,003	0,012	0,078	FALSE
0,012	0,299	0,001	0,012	0,033	FALSE
0,058	0,302	0,001	0,010	0,050	FALSE
0,027	0,311	0,002	0,012	0,046	FALSE
-0,011	0,313	0,001	0,012	0,015	FALSE
-0,181	0,296	-0,006	0,010	0,252	FALSE
-0,003	0,309	0,000	0,008	0,000	FALSE
-0,004	0,309	0,000	0,007	0,001	FALSE
-0,119	0,315	-0,003	0,007	0,148	FALSE
0,051	0,296	0,001	0,012	0,032	FALSE
0,022	0,301	0,000	0,010	0,004	FALSE
-0,061	0,314	-0,002	0,007	0,105	FALSE
-0,126	0,299	-0,003	0,006	0,200	FALSE
-0,078	0,319	-0,002	0,009	0,090	FALSE
-0,158	0,301	-0,003	0,007	0,205	FALSE
-0,134	0,310	-0,004	0,010	0,172	FALSE
0,092	0,304	0,002	0,008	0,088	FALSE
-0,011	0,312	0,000	0,007	0,009	FALSE
-0,023	0,306	-0,001	0,009	0,063	FALSE
-0,049	0,308	-0,002	0,012	0,077	FALSE
-0,031	0,316	-0,001	0,010	0,030	FALSE
-0,086	0,321	-0,004	0,013	0,132	FALSE
0,012	0,313	0,000	0,013	0,009	FALSE
0,025	0,303	0,001	0,011	0,025	FALSE
-0,058	0,289	-0,002	0,008	0,098	FALSE
-0,013	0,304	0,000	0,006	0,021	FALSE
-0,083	0,307	-0,003	0,011	0,123	FALSE
-0,077	0,294	-0,002	0,008	0,111	FALSE
0,060	0,314	0,003	0,012	0,088	FALSE
0,034	0,317	0,001	0,013	0,038	FALSE

0,116	0,307	0,004	0,010	0,149	FALSE
0,020	0,310	0,001	0,007	0,048	FALSE
-0,058	0,312	-0,001	0,012	0,045	FALSE
-0,094	0,306	-0,002	0,007	0,130	FALSE
-0,031	0,302	-0,001	0,006	0,057	FALSE
-0,112	0,293	-0,003	0,006	0,198	FALSE
-0,108	0,304	-0,003	0,007	0,174	FALSE
-0,068	0,302	-0,002	0,008	0,082	FALSE
0,135	0,306	0,003	0,007	0,186	FALSE
0,106	0,298	0,003	0,008	0,150	FALSE
0,105	0,314	0,003	0,008	0,139	FALSE
0,111	0,306	0,003	0,008	0,143	FALSE
0,104	0,299	0,003	0,008	0,160	FALSE
0,117	0,312	0,003	0,008	0,153	FALSE
0,014	0,295	0,001	0,007	0,061	FALSE
0,017	0,312	0,001	0,008	0,047	FALSE
-0,008	0,317	-0,001	0,013	0,016	FALSE
-0,012	0,311	-0,001	0,013	0,017	FALSE
0,022	0,310	0,001	0,012	0,019	FALSE
0,012	0,317	0,001	0,013	0,017	FALSE
-0,042	0,319	-0,002	0,013	0,045	FALSE
0,060	0,323	0,001	0,010	0,029	FALSE
-0,126	0,295	-0,003	0,007	0,199	FALSE
0,011	0,316	0,001	0,012	0,032	FALSE
0,115	0,299	0,002	0,006	0,154	FALSE
0,087	0,289	0,002	0,006	0,144	FALSE
0,043	0,308	0,001	0,007	0,070	FALSE
-0,011	0,296	0,000	0,006	0,025	FALSE
-0,014	0,317	-0,001	0,009	0,043	FALSE
0,095	0,304	0,003	0,011	0,111	FALSE
0,125	0,301	0,002	0,007	0,127	FALSE
-0,081	0,306	-0,003	0,012	0,083	FALSE
0,066	0,317	0,001	0,008	0,057	FALSE
-0,117	0,301	-0,005	0,010	0,186	FALSE
0,060	0,300	0,003	0,013	0,106	FALSE
-0,014	0,308	-0,002	0,011	0,059	FALSE
-0,001	0,313	0,000	0,013	0,004	FALSE
-0,028	0,330	-0,001	0,013	0,034	FALSE
0,011	0,314	0,000	0,012	0,008	FALSE
-0,004	0,313	-0,001	0,012	0,016	FALSE
0,017	0,321	0,001	0,013	0,018	FALSE
0,000	0,314	0,000	0,012	0,008	FALSE
0,010	0,317	0,000	0,013	0,002	FALSE
0,016	0,332	0,001	0,013	0,020	FALSE
0,028	0,294	0,001	0,007	0,070	FALSE
0,051	0,290	0,002	0,006	0,099	FALSE
0,017	0,304	0,001	0,007	0,054	FALSE
0,028	0,309	0,000	0,007	0,022	FALSE
0,006	0,305	0,000	0,006	0,006	FALSE
0,018	0,291	0,000	0,006	0,010	FALSE
-0,025	0,311	-0,001	0,007	0,043	FALSE
0,033	0,306	0,000	0,007	0,025	FALSE
0,030	0,314	0,000	0,006	0,011	FALSE

-0,037	0,315	-0,001	0,009	0,035	FALSE
-0,031	0,319	-0,001	0,009	0,043	FALSE
-0,034	0,318	-0,002	0,013	0,050	FALSE
0,015	0,325	0,001	0,013	0,019	FALSE
0,013	0,321	0,001	0,013	0,022	FALSE
-0,021	0,319	-0,001	0,013	0,031	FALSE
0,026	0,320	0,001	0,012	0,035	FALSE
0,006	0,303	0,000	0,012	0,007	FALSE
0,001	0,309	0,000	0,012	0,006	FALSE
0,006	0,320	0,000	0,013	0,011	FALSE
-0,017	0,320	0,000	0,013	0,010	FALSE
-0,010	0,325	-0,001	0,013	0,024	FALSE
-0,016	0,312	-0,001	0,013	0,018	FALSE
-0,022	0,316	-0,001	0,012	0,033	FALSE
0,004	0,315	0,000	0,013	0,005	FALSE
-0,007	0,331	0,000	0,013	0,010	FALSE
0,001	0,313	0,000	0,012	0,004	FALSE
-0,013	0,309	-0,001	0,012	0,025	FALSE
-0,053	0,306	-0,002	0,012	0,067	FALSE
-0,022	0,308	-0,001	0,012	0,043	FALSE
-0,066	0,310	-0,002	0,013	0,074	FALSE
-0,023	0,322	-0,001	0,013	0,026	FALSE
-0,046	0,319	-0,002	0,013	0,051	FALSE
-0,035	0,313	-0,002	0,013	0,044	FALSE
-0,071	0,310	-0,003	0,012	0,084	FALSE
0,001	0,319	0,000	0,013	0,009	FALSE
-0,039	0,318	-0,001	0,013	0,038	FALSE
-0,066	0,301	-0,003	0,012	0,084	FALSE
-0,067	0,312	-0,002	0,013	0,074	FALSE
-0,050	0,317	-0,002	0,013	0,044	FALSE
-0,052	0,301	-0,002	0,012	0,064	FALSE
-0,015	0,313	-0,001	0,013	0,024	FALSE
-0,068	0,309	-0,002	0,012	0,062	FALSE
-0,046	0,314	-0,002	0,012	0,067	FALSE
-0,010	0,306	0,000	0,011	0,007	FALSE
-0,036	0,301	-0,001	0,011	0,037	FALSE
-0,021	0,313	-0,001	0,011	0,021	FALSE
-0,024	0,304	-0,001	0,009	0,036	FALSE
-0,016	0,318	-0,001	0,011	0,021	FALSE
0,019	0,307	0,000	0,007	0,005	FALSE
0,054	0,301	0,002	0,008	0,090	FALSE
-0,002	0,309	-0,001	0,007	0,030	FALSE
0,181	0,302	0,006	0,011	0,254	FALSE
0,011	0,310	0,000	0,008	0,003	FALSE
-0,011	0,297	0,000	0,008	0,002	FALSE
0,120	0,315	0,002	0,007	0,122	FALSE
-0,005	0,307	-0,001	0,012	0,018	FALSE
-0,019	0,301	-0,001	0,012	0,043	FALSE
-0,035	0,305	-0,002	0,012	0,057	FALSE
-0,086	0,301	-0,003	0,011	0,116	FALSE
0,001	0,320	0,000	0,013	0,005	FALSE
-0,006	0,305	-0,001	0,012	0,024	FALSE
0,010	0,305	0,000	0,012	0,011	FALSE

0,006	0,311	0,000	0,012	0,005	FALSE
-0,084	0,313	-0,004	0,012	0,135	FALSE
0,017	0,296	0,000	0,009	0,012	FALSE
-0,031	0,298	-0,001	0,010	0,054	FALSE
-0,150	0,314	-0,007	0,013	0,222	FALSE
-0,116	0,311	-0,006	0,013	0,190	FALSE
-0,091	0,304	-0,003	0,010	0,110	FALSE
-0,151	0,307	-0,005	0,010	0,188	FALSE
0,127	0,306	0,004	0,010	0,158	FALSE
-0,131	0,307	-0,004	0,010	0,174	FALSE
0,112	0,306	0,003	0,009	0,128	FALSE
0,018	0,305	0,001	0,013	0,016	FALSE
-0,015	0,326	-0,001	0,013	0,030	FALSE
0,118	0,311	0,002	0,008	0,113	FALSE
-0,024	0,320	-0,002	0,013	0,042	FALSE
-0,042	0,312	-0,002	0,013	0,068	FALSE
-0,050	0,314	-0,003	0,013	0,095	FALSE
-0,018	0,315	-0,002	0,013	0,054	FALSE
0,079	0,304	0,002	0,011	0,065	FALSE
0,123	0,313	0,003	0,007	0,159	FALSE
-0,005	0,320	0,000	0,012	0,005	FALSE
0,008	0,315	0,001	0,012	0,021	FALSE
0,008	0,322	0,001	0,013	0,019	FALSE
0,010	0,318	0,000	0,013	0,010	FALSE
-0,173	0,292	-0,006	0,011	0,223	FALSE
-0,108	0,303	-0,003	0,010	0,123	FALSE
-0,138	0,309	-0,004	0,011	0,162	FALSE
-0,037	0,320	-0,002	0,013	0,056	FALSE
0,008	0,315	0,000	0,007	0,018	FALSE
-0,112	0,306	-0,004	0,011	0,138	FALSE
-0,139	0,296	-0,004	0,010	0,170	FALSE
-0,123	0,299	-0,004	0,011	0,141	FALSE
-0,051	0,306	-0,003	0,012	0,087	FALSE
-0,075	0,303	-0,004	0,013	0,111	FALSE
-0,059	0,295	-0,003	0,012	0,095	FALSE
0,109	0,311	0,003	0,009	0,135	FALSE
0,117	0,303	0,003	0,009	0,153	FALSE
0,001	0,306	0,000	0,009	0,004	FALSE
-0,089	0,306	-0,002	0,007	0,092	FALSE
-0,077	0,316	-0,003	0,013	0,101	FALSE
-0,029	0,303	-0,001	0,008	0,067	FALSE
0,009	0,297	-0,001	0,011	0,024	FALSE
0,089	0,311	0,004	0,011	0,134	FALSE
0,072	0,305	0,002	0,006	0,102	FALSE
0,065	0,296	0,002	0,006	0,096	FALSE
0,001	0,311	0,000	0,006	0,004	FALSE
-0,060	0,304	-0,003	0,013	0,083	FALSE
0,025	0,313	0,000	0,007	0,007	FALSE
0,029	0,307	0,000	0,012	0,015	FALSE
-0,106	0,294	-0,005	0,012	0,169	FALSE
-0,064	0,305	-0,003	0,013	0,102	FALSE
-0,054	0,297	-0,003	0,012	0,076	FALSE
-0,056	0,307	-0,002	0,012	0,063	FALSE

-0,074	0,309	-0,003	0,013	0,100	FALSE
0,022	0,297	0,001	0,010	0,042	FALSE
0,024	0,299	0,001	0,009	0,028	FALSE
-0,031	0,306	-0,002	0,012	0,060	FALSE
0,081	0,308	0,002	0,008	0,095	FALSE
0,098	0,307	0,004	0,009	0,160	FALSE
0,140	0,299	0,005	0,009	0,242	FALSE
-0,211	0,299	-0,005	0,007	0,311	FALSE
0,059	0,311	0,003	0,010	0,098	FALSE
0,064	0,316	0,002	0,007	0,111	FALSE
0,051	0,308	0,001	0,006	0,086	FALSE
-0,002	0,314	0,000	0,007	0,015	FALSE
0,026	0,298	0,002	0,013	0,050	FALSE
-0,063	0,306	-0,003	0,012	0,091	FALSE
-0,050	0,299	-0,002	0,012	0,074	FALSE
-0,019	0,317	-0,001	0,010	0,053	FALSE
-0,023	0,304	-0,001	0,010	0,043	FALSE
0,046	0,295	0,003	0,009	0,110	FALSE
-0,106	0,305	-0,003	0,007	0,150	FALSE
0,036	0,308	0,001	0,008	0,055	FALSE
0,021	0,303	0,001	0,009	0,041	FALSE
-0,116	0,312	-0,003	0,008	0,147	FALSE
0,086	0,300	0,003	0,012	0,096	FALSE
0,006	0,303	0,000	0,007	0,019	FALSE
0,030	0,320	0,002	0,012	0,044	FALSE
0,039	0,303	0,001	0,009	0,041	FALSE
0,007	0,312	0,000	0,009	0,012	FALSE
0,119	0,302	0,004	0,010	0,143	FALSE
0,099	0,293	0,004	0,012	0,134	FALSE
-0,072	0,314	-0,002	0,009	0,079	FALSE
-0,073	0,304	-0,002	0,008	0,075	FALSE
-0,086	0,289	-0,002	0,008	0,096	FALSE
-0,003	0,310	0,000	0,009	0,015	FALSE
0,007	0,296	-0,001	0,012	0,020	FALSE
0,001	0,310	0,000	0,013	0,006	FALSE
-0,030	0,311	-0,001	0,007	0,041	FALSE
0,015	0,307	0,001	0,012	0,017	FALSE
-0,043	0,308	-0,002	0,007	0,087	FALSE
0,049	0,293	0,002	0,006	0,109	FALSE
-0,012	0,293	0,000	0,008	0,002	FALSE
-0,082	0,302	-0,002	0,007	0,137	FALSE
-0,048	0,318	-0,002	0,011	0,050	FALSE
-0,010	0,293	0,001	0,007	0,031	FALSE
0,000	0,315	0,000	0,013	0,003	FALSE
-0,016	0,306	-0,001	0,012	0,020	FALSE
-0,052	0,317	-0,002	0,013	0,055	FALSE
0,014	0,305	0,000	0,012	0,008	FALSE
-0,041	0,302	-0,002	0,012	0,053	FALSE
-0,007	0,319	-0,001	0,013	0,022	FALSE
-0,016	0,319	-0,001	0,013	0,020	FALSE
-0,015	0,320	-0,001	0,012	0,025	FALSE
-0,009	0,316	0,000	0,013	0,014	FALSE
-0,001	0,305	0,000	0,012	0,001	FALSE

0,007	0,306	0,000	0,007	0,020	FALSE
0,056	0,312	0,001	0,006	0,065	FALSE
0,026	0,313	0,001	0,012	0,040	FALSE
0,107	0,299	0,003	0,009	0,151	FALSE
-0,054	0,309	-0,002	0,010	0,072	FALSE
0,104	0,298	0,002	0,006	0,146	FALSE
-0,040	0,303	0,000	0,006	0,026	FALSE
-0,024	0,329	-0,001	0,013	0,021	FALSE
0,000	0,314	0,000	0,012	0,001	FALSE
-0,004	0,316	0,000	0,013	0,006	FALSE
0,002	0,315	0,000	0,012	0,002	FALSE
0,014	0,308	0,000	0,012	0,014	FALSE
-0,030	0,305	-0,001	0,012	0,032	FALSE
0,017	0,323	0,000	0,013	0,013	FALSE
-0,026	0,318	-0,001	0,013	0,029	FALSE
-0,001	0,330	0,000	0,013	0,005	FALSE
-0,018	0,317	-0,001	0,013	0,028	FALSE
0,072	0,305	0,002	0,010	0,084	FALSE
-0,028	0,307	-0,001	0,009	0,063	FALSE
-0,032	0,295	-0,001	0,009	0,053	FALSE
0,020	0,308	0,001	0,012	0,016	FALSE
0,014	0,307	0,000	0,012	0,005	FALSE
0,010	0,314	0,000	0,012	0,012	FALSE
-0,001	0,304	0,000	0,012	0,000	FALSE
0,009	0,321	0,001	0,010	0,022	FALSE
-0,027	0,306	-0,001	0,007	0,057	FALSE
-0,029	0,316	-0,002	0,009	0,068	FALSE
-0,147	0,293	-0,003	0,006	0,231	FALSE
0,055	0,297	0,001	0,007	0,063	FALSE
0,109	0,307	0,003	0,008	0,151	FALSE
-0,146	0,307	-0,004	0,007	0,213	FALSE
0,045	0,291	0,002	0,008	0,100	FALSE
-0,051	0,316	-0,001	0,009	0,056	FALSE
0,081	0,312	0,002	0,010	0,074	FALSE
0,112	0,299	0,003	0,010	0,110	FALSE
-0,001	0,295	0,000	0,006	0,004	FALSE
-0,099	0,295	-0,002	0,008	0,096	FALSE
-0,043	0,304	-0,001	0,007	0,079	FALSE
0,091	0,311	0,002	0,007	0,107	FALSE
-0,103	0,321	-0,003	0,008	0,118	FALSE
-0,092	0,307	-0,002	0,009	0,090	FALSE
-0,105	0,310	-0,003	0,008	0,132	FALSE
-0,087	0,314	-0,002	0,009	0,089	FALSE
-0,099	0,304	-0,003	0,008	0,134	FALSE
-0,109	0,303	-0,003	0,008	0,128	FALSE
-0,099	0,295	-0,002	0,008	0,103	FALSE
-0,111	0,286	-0,003	0,008	0,143	FALSE
-0,016	0,313	0,000	0,011	0,007	FALSE
0,000	0,299	0,000	0,008	0,014	FALSE
-0,033	0,311	-0,001	0,009	0,055	FALSE
-0,029	0,304	-0,001	0,008	0,052	FALSE
-0,030	0,302	-0,001	0,008	0,032	FALSE
-0,049	0,323	-0,003	0,013	0,077	FALSE

0,022	0,323	0,000	0,011	0,008	FALSE
0,046	0,305	0,001	0,007	0,079	FALSE
0,117	0,304	0,003	0,008	0,151	FALSE
-0,078	0,308	-0,001	0,007	0,059	FALSE
-0,027	0,297	0,000	0,007	0,024	FALSE
0,094	0,315	0,002	0,007	0,086	FALSE
0,002	0,324	-0,001	0,013	0,018	FALSE
-0,094	0,305	-0,003	0,012	0,100	FALSE
-0,107	0,305	-0,003	0,012	0,110	FALSE
0,104	0,318	0,002	0,009	0,095	FALSE
0,093	0,307	0,003	0,009	0,134	FALSE
0,079	0,315	0,003	0,013	0,103	FALSE
0,086	0,312	0,003	0,013	0,106	FALSE
0,088	0,304	0,004	0,012	0,121	FALSE
0,026	0,312	0,001	0,012	0,028	FALSE
0,055	0,295	0,003	0,009	0,111	FALSE
-0,074	0,316	-0,002	0,008	0,088	FALSE
-0,056	0,301	-0,001	0,006	0,047	FALSE
0,000	0,300	0,000	0,007	0,000	FALSE
-0,038	0,303	-0,001	0,007	0,054	FALSE
0,018	0,320	0,000	0,011	0,005	FALSE
0,027	0,305	0,000	0,010	0,003	FALSE
0,004	0,318	-0,001	0,009	0,021	FALSE
0,032	0,312	0,000	0,012	0,010	FALSE
-0,092	0,306	-0,002	0,007	0,082	FALSE
-0,041	0,297	-0,001	0,006	0,067	FALSE
0,034	0,315	0,001	0,008	0,031	FALSE
0,006	0,312	0,000	0,009	0,007	FALSE
-0,021	0,310	0,000	0,009	0,005	FALSE
0,073	0,319	0,003	0,011	0,085	FALSE
0,090	0,324	0,003	0,011	0,104	FALSE
0,079	0,307	0,002	0,010	0,082	FALSE
-0,026	0,307	-0,001	0,010	0,035	FALSE
0,030	0,311	0,001	0,010	0,026	FALSE
0,057	0,301	0,002	0,013	0,053	FALSE
0,017	0,310	0,001	0,008	0,029	FALSE
0,094	0,311	0,004	0,012	0,123	FALSE
0,129	0,308	0,003	0,008	0,160	FALSE
0,276	0,288	0,009	0,009	0,496	FALSE
0,155	0,309	0,004	0,009	0,188	FALSE
-0,070	0,318	-0,003	0,013	0,074	FALSE
-0,070	0,315	-0,002	0,013	0,055	FALSE
0,097	0,311	0,002	0,008	0,102	FALSE
-0,078	0,314	-0,002	0,008	0,101	FALSE
-0,097	0,299	-0,002	0,007	0,115	FALSE
-0,106	0,289	-0,005	0,012	0,179	FALSE
0,075	0,304	0,002	0,007	0,095	FALSE
0,029	0,313	0,001	0,008	0,061	FALSE
-0,030	0,312	-0,001	0,012	0,042	FALSE
0,026	0,304	0,001	0,012	0,028	FALSE
0,015	0,295	0,001	0,012	0,023	FALSE
0,017	0,322	0,001	0,012	0,027	FALSE
0,022	0,295	0,001	0,008	0,038	FALSE

-0,117	0,307	-0,002	0,006	0,138	FALSE
0,011	0,305	0,001	0,007	0,041	FALSE
-0,034	0,300	-0,001	0,010	0,045	FALSE
0,025	0,322	0,001	0,013	0,027	FALSE
0,032	0,306	0,001	0,011	0,050	FALSE
-0,079	0,313	-0,002	0,011	0,080	FALSE
0,001	0,306	0,000	0,006	0,021	FALSE
0,103	0,302	0,003	0,008	0,156	FALSE
-0,086	0,305	-0,003	0,009	0,111	FALSE
-0,010	0,318	0,000	0,009	0,006	FALSE
0,012	0,298	0,001	0,013	0,032	FALSE
-0,015	0,322	0,000	0,013	0,003	FALSE
0,042	0,304	0,001	0,010	0,025	FALSE
0,039	0,318	0,001	0,011	0,018	FALSE
0,067	0,301	0,001	0,010	0,055	FALSE
0,033	0,304	0,000	0,011	0,015	FALSE
-0,058	0,306	-0,002	0,012	0,064	FALSE
-0,054	0,297	-0,002	0,008	0,102	FALSE
-0,025	0,303	-0,001	0,012	0,023	FALSE
0,084	0,301	0,003	0,012	0,101	FALSE
0,086	0,303	0,003	0,010	0,102	FALSE
0,034	0,326	0,001	0,009	0,026	FALSE
-0,007	0,295	-0,001	0,011	0,019	FALSE
-0,058	0,300	-0,002	0,010	0,081	FALSE
0,073	0,314	0,002	0,009	0,062	FALSE
0,027	0,305	0,000	0,009	0,002	FALSE
-0,004	0,291	-0,001	0,009	0,031	FALSE
0,069	0,306	0,001	0,010	0,055	FALSE
-0,070	0,301	-0,002	0,009	0,109	FALSE
-0,004	0,304	0,001	0,009	0,029	FALSE
0,011	0,308	0,001	0,008	0,045	FALSE
0,006	0,314	0,001	0,008	0,049	FALSE
0,026	0,316	0,001	0,008	0,057	FALSE
-0,182	0,306	-0,008	0,012	0,282	FALSE
-0,009	0,327	0,000	0,013	0,009	FALSE
0,051	0,317	0,002	0,013	0,051	FALSE
0,012	0,320	0,001	0,013	0,017	FALSE
0,001	0,333	0,000	0,013	0,007	FALSE
0,028	0,306	0,001	0,012	0,039	FALSE
0,026	0,312	0,001	0,012	0,018	FALSE
0,042	0,314	0,001	0,012	0,037	FALSE
-0,137	0,297	-0,005	0,010	0,203	FALSE
-0,003	0,318	0,000	0,013	0,006	FALSE
0,018	0,316	0,001	0,012	0,023	FALSE
-0,001	0,315	0,000	0,012	0,010	FALSE
0,001	0,322	0,000	0,013	0,013	FALSE
-0,015	0,319	-0,001	0,013	0,021	FALSE
0,023	0,311	0,001	0,012	0,025	FALSE
0,013	0,311	0,000	0,012	0,011	FALSE
0,000	0,310	0,001	0,012	0,017	FALSE
-0,151	0,305	-0,006	0,011	0,227	FALSE
-0,151	0,318	-0,003	0,007	0,185	FALSE
0,083	0,303	0,002	0,007	0,122	FALSE

-0,010	0,299	0,000	0,009	0,005	FALSE
0,082	0,294	0,001	0,006	0,080	FALSE
0,049	0,311	0,002	0,009	0,081	FALSE
-0,093	0,306	-0,002	0,006	0,145	FALSE
-0,011	0,316	0,000	0,008	0,014	FALSE
-0,138	0,303	-0,005	0,009	0,216	FALSE
0,131	0,317	0,005	0,010	0,192	FALSE
0,065	0,306	0,002	0,010	0,082	FALSE
0,066	0,317	0,002	0,011	0,083	FALSE
0,095	0,310	0,003	0,008	0,142	FALSE
-0,030	0,308	-0,001	0,012	0,044	FALSE
0,005	0,305	0,000	0,012	0,001	FALSE
-0,038	0,304	-0,001	0,008	0,063	FALSE
-0,073	0,312	-0,003	0,011	0,091	FALSE
-0,089	0,321	-0,003	0,011	0,106	FALSE
-0,090	0,298	-0,002	0,006	0,115	FALSE
0,032	0,303	0,002	0,011	0,068	FALSE
0,040	0,298	0,002	0,011	0,080	FALSE
0,047	0,314	0,003	0,012	0,077	FALSE
0,114	0,292	0,003	0,007	0,168	FALSE
0,068	0,300	0,003	0,010	0,102	FALSE
0,076	0,288	0,003	0,011	0,114	FALSE
-0,008	0,303	0,000	0,008	0,008	FALSE
-0,022	0,314	0,000	0,008	0,003	FALSE
-0,033	0,315	-0,001	0,013	0,040	FALSE
0,044	0,321	0,001	0,011	0,047	FALSE
-0,022	0,303	-0,002	0,013	0,044	FALSE
0,059	0,323	0,003	0,013	0,076	FALSE
-0,001	0,288	-0,001	0,011	0,018	FALSE
-0,048	0,299	-0,001	0,007	0,038	FALSE
-0,026	0,304	0,000	0,007	0,009	FALSE
-0,104	0,296	-0,003	0,008	0,174	FALSE
0,029	0,302	0,001	0,008	0,044	FALSE
-0,059	0,303	-0,002	0,010	0,058	FALSE
0,028	0,301	0,000	0,010	0,007	FALSE
-0,114	0,295	-0,004	0,011	0,138	FALSE
0,096	0,302	0,003	0,010	0,118	FALSE
0,093	0,309	0,003	0,009	0,124	FALSE
-0,018	0,301	-0,001	0,012	0,016	FALSE
0,027	0,302	0,001	0,006	0,057	FALSE
0,018	0,291	0,002	0,011	0,050	FALSE
-0,011	0,298	-0,001	0,012	0,020	FALSE
0,107	0,308	0,002	0,006	0,108	FALSE
0,029	0,303	0,001	0,006	0,059	FALSE
-0,067	0,320	-0,002	0,009	0,100	FALSE
0,066	0,301	0,003	0,012	0,097	FALSE
-0,028	0,311	-0,001	0,009	0,026	FALSE
0,022	0,316	0,001	0,012	0,036	FALSE
-0,057	0,327	-0,002	0,012	0,062	FALSE
-0,088	0,308	-0,003	0,012	0,092	FALSE
-0,088	0,317	-0,003	0,012	0,096	FALSE
0,022	0,316	0,001	0,011	0,031	FALSE
-0,086	0,317	-0,003	0,010	0,122	FALSE

0,072	0,299	0,004	0,012	0,127	FALSE
0,030	0,312	0,001	0,007	0,042	FALSE
0,051	0,313	0,001	0,007	0,060	FALSE
0,041	0,302	0,001	0,006	0,050	FALSE
-0,084	0,311	-0,005	0,012	0,153	FALSE
0,110	0,290	0,005	0,012	0,170	FALSE
-0,069	0,302	-0,002	0,009	0,066	FALSE
-0,048	0,311	-0,001	0,009	0,040	FALSE
0,017	0,314	0,001	0,009	0,041	FALSE
-0,044	0,308	-0,001	0,009	0,042	FALSE
-0,007	0,318	0,000	0,011	0,012	FALSE
-0,083	0,308	-0,004	0,012	0,116	FALSE
-0,064	0,309	-0,002	0,012	0,075	FALSE
-0,030	0,316	-0,001	0,010	0,025	FALSE
-0,028	0,312	-0,001	0,009	0,040	FALSE
-0,044	0,315	-0,001	0,013	0,029	FALSE
0,006	0,302	0,001	0,012	0,028	FALSE
-0,045	0,313	-0,003	0,012	0,092	FALSE
0,041	0,305	0,002	0,011	0,054	FALSE
-0,006	0,308	-0,001	0,011	0,035	FALSE
-0,016	0,307	0,000	0,011	0,009	FALSE
0,080	0,296	0,004	0,010	0,149	FALSE
0,039	0,291	0,001	0,008	0,056	FALSE
0,021	0,305	0,000	0,008	0,015	FALSE
0,002	0,308	0,000	0,008	0,004	FALSE
-0,041	0,316	-0,001	0,013	0,025	FALSE
0,010	0,302	0,000	0,007	0,008	FALSE
0,007	0,305	0,000	0,008	0,017	FALSE
0,023	0,301	0,001	0,009	0,023	FALSE
0,081	0,298	0,002	0,006	0,107	FALSE
0,036	0,308	0,002	0,012	0,048	FALSE
-0,052	0,318	-0,002	0,011	0,056	FALSE
-0,080	0,301	-0,002	0,006	0,104	FALSE
0,028	0,296	0,001	0,006	0,045	FALSE
0,059	0,321	0,003	0,013	0,079	FALSE
-0,062	0,298	-0,001	0,008	0,069	FALSE
-0,016	0,300	0,000	0,009	0,004	FALSE
-0,053	0,311	-0,002	0,012	0,053	FALSE
0,023	0,306	0,000	0,007	0,016	FALSE
0,008	0,318	0,000	0,013	0,009	FALSE
-0,029	0,303	-0,001	0,011	0,018	FALSE
0,117	0,306	0,004	0,011	0,151	FALSE
0,110	0,317	0,003	0,011	0,110	FALSE
0,075	0,317	0,002	0,011	0,055	FALSE
-0,059	0,324	-0,003	0,013	0,088	FALSE
0,020	0,287	0,000	0,008	0,010	FALSE
-0,032	0,314	-0,001	0,008	0,047	FALSE
-0,078	0,313	-0,004	0,012	0,119	FALSE
0,146	0,292	0,006	0,011	0,261	FALSE
-0,023	0,296	-0,002	0,011	0,061	FALSE
-0,165	0,307	-0,005	0,010	0,212	FALSE
-0,191	0,311	-0,008	0,012	0,281	FALSE
-0,078	0,313	-0,002	0,007	0,098	FALSE

0,009	0,316	0,000	0,007	0,021	FALSE
-0,109	0,300	-0,003	0,009	0,143	FALSE
0,075	0,317	0,002	0,008	0,105	FALSE
0,140	0,307	0,003	0,008	0,162	FALSE
-0,026	0,301	0,000	0,007	0,008	FALSE
0,008	0,301	0,001	0,007	0,030	FALSE
0,062	0,308	0,002	0,010	0,062	FALSE
0,083	0,313	0,003	0,012	0,085	FALSE
0,059	0,303	0,002	0,010	0,056	FALSE
0,056	0,308	0,001	0,009	0,043	FALSE
-0,010	0,315	0,000	0,006	0,001	FALSE
0,073	0,306	0,002	0,008	0,113	FALSE
-0,075	0,321	-0,002	0,008	0,101	FALSE
-0,040	0,303	-0,001	0,008	0,034	FALSE
-0,059	0,301	-0,002	0,010	0,075	FALSE
0,029	0,321	0,001	0,012	0,021	FALSE
0,051	0,300	0,003	0,011	0,096	FALSE
0,003	0,309	0,000	0,010	0,010	FALSE
-0,004	0,314	0,000	0,010	0,012	FALSE
0,075	0,309	0,002	0,006	0,100	FALSE
-0,106	0,298	-0,003	0,008	0,159	FALSE
-0,120	0,291	-0,005	0,011	0,179	FALSE
-0,106	0,296	-0,003	0,008	0,151	FALSE
-0,052	0,312	-0,002	0,011	0,055	FALSE
0,117	0,310	0,005	0,012	0,154	FALSE
-0,047	0,304	-0,001	0,010	0,052	FALSE
-0,054	0,316	-0,002	0,011	0,056	FALSE
0,108	0,305	0,004	0,011	0,154	FALSE
-0,054	0,292	-0,001	0,011	0,046	FALSE
-0,041	0,307	-0,001	0,011	0,047	FALSE
-0,052	0,294	-0,001	0,010	0,039	FALSE
-0,047	0,297	-0,002	0,011	0,055	FALSE
-0,060	0,307	-0,003	0,013	0,101	FALSE
-0,037	0,310	-0,003	0,013	0,072	FALSE
0,082	0,319	0,003	0,011	0,110	FALSE
0,100	0,302	0,003	0,008	0,146	FALSE
0,179	0,312	0,005	0,008	0,248	FALSE
-0,060	0,322	-0,003	0,013	0,093	FALSE
-0,071	0,303	-0,003	0,009	0,117	FALSE
0,007	0,303	0,001	0,009	0,020	FALSE
0,035	0,311	0,001	0,009	0,056	FALSE
0,081	0,315	0,003	0,011	0,111	FALSE
-0,034	0,300	-0,001	0,010	0,032	FALSE
-0,088	0,303	-0,002	0,006	0,106	FALSE
-0,129	0,302	-0,005	0,011	0,190	FALSE
-0,088	0,310	-0,004	0,012	0,140	FALSE
0,047	0,314	0,001	0,007	0,067	FALSE
-0,087	0,307	-0,003	0,011	0,117	FALSE
-0,091	0,297	-0,003	0,012	0,114	FALSE
0,080	0,303	0,003	0,007	0,166	FALSE
-0,065	0,314	-0,003	0,012	0,091	FALSE
-0,057	0,303	-0,003	0,012	0,106	FALSE
0,056	0,303	0,003	0,012	0,081	FALSE

0,065	0,313	0,002	0,009	0,069	FALSE
0,056	0,308	0,002	0,008	0,072	FALSE
0,026	0,310	0,001	0,009	0,026	FALSE
0,049	0,298	0,001	0,008	0,059	FALSE
-0,011	0,304	0,000	0,009	0,016	FALSE
-0,008	0,315	-0,001	0,009	0,033	FALSE
-0,114	0,304	-0,004	0,012	0,127	FALSE
0,035	0,302	0,002	0,012	0,048	FALSE
0,084	0,309	0,004	0,013	0,135	FALSE
0,015	0,307	0,001	0,008	0,023	FALSE
-0,060	0,295	-0,001	0,006	0,077	FALSE
0,087	0,299	0,003	0,010	0,141	FALSE
-0,038	0,306	-0,001	0,007	0,061	FALSE
-0,065	0,307	-0,002	0,009	0,067	FALSE
-0,009	0,308	-0,001	0,009	0,023	FALSE
-0,030	0,292	-0,001	0,009	0,053	FALSE
0,040	0,316	0,001	0,011	0,028	FALSE
-0,002	0,305	0,000	0,007	0,008	FALSE
-0,090	0,293	-0,002	0,007	0,098	FALSE
-0,021	0,307	0,000	0,011	0,000	FALSE
0,058	0,312	0,002	0,011	0,064	FALSE
-0,007	0,296	0,000	0,007	0,002	FALSE
0,001	0,288	0,001	0,008	0,046	FALSE
0,005	0,321	0,000	0,010	0,009	FALSE
0,047	0,314	0,002	0,011	0,064	FALSE
-0,078	0,309	-0,001	0,006	0,087	FALSE
-0,074	0,312	-0,003	0,010	0,121	FALSE
0,165	0,295	0,006	0,012	0,217	FALSE
-0,119	0,310	-0,003	0,007	0,179	FALSE
0,074	0,302	0,003	0,011	0,092	FALSE
0,095	0,297	0,002	0,009	0,104	FALSE
0,120	0,310	0,004	0,011	0,138	FALSE
0,013	0,306	0,000	0,010	0,004	FALSE
0,105	0,291	0,003	0,010	0,118	FALSE
-0,079	0,302	-0,002	0,013	0,072	FALSE
-0,013	0,294	0,000	0,009	0,015	FALSE
0,020	0,299	0,000	0,009	0,006	FALSE
-0,086	0,302	-0,003	0,010	0,113	FALSE
0,171	0,294	0,004	0,008	0,231	FALSE
-0,059	0,310	-0,002	0,011	0,078	FALSE
-0,002	0,303	0,000	0,012	0,002	FALSE
0,179	0,284	0,004	0,007	0,282	FALSE
-0,070	0,311	-0,002	0,008	0,085	FALSE
-0,082	0,310	-0,002	0,007	0,106	FALSE
-0,008	0,293	-0,001	0,006	0,043	FALSE
0,094	0,291	0,003	0,006	0,177	FALSE
-0,040	0,298	-0,001	0,010	0,044	FALSE
-0,138	0,299	-0,004	0,007	0,231	FALSE
-0,007	0,300	0,000	0,010	0,017	FALSE
0,021	0,301	0,001	0,012	0,033	FALSE
0,016	0,305	0,001	0,013	0,031	FALSE
-0,028	0,311	-0,001	0,009	0,062	FALSE
-0,032	0,297	-0,002	0,009	0,064	FALSE

-0,025	0,302	0,000	0,008	0,016	FALSE
-0,041	0,316	-0,002	0,010	0,056	FALSE
0,105	0,312	0,004	0,013	0,132	FALSE
-0,050	0,312	-0,002	0,006	0,094	FALSE
0,083	0,316	0,003	0,009	0,109	FALSE
-0,039	0,300	-0,001	0,008	0,063	FALSE
-0,022	0,303	-0,001	0,011	0,045	FALSE
0,053	0,309	0,002	0,010	0,062	FALSE
-0,049	0,311	-0,001	0,007	0,059	FALSE
0,073	0,302	0,004	0,010	0,155	FALSE
0,047	0,299	0,001	0,009	0,059	FALSE
-0,063	0,322	-0,003	0,013	0,092	FALSE
0,008	0,304	0,002	0,013	0,054	FALSE
0,021	0,311	0,001	0,006	0,052	FALSE
-0,057	0,305	-0,002	0,009	0,096	FALSE
-0,102	0,310	-0,003	0,009	0,113	FALSE
-0,113	0,313	-0,004	0,012	0,146	FALSE
0,174	0,288	0,004	0,006	0,316	FALSE
-0,012	0,309	0,000	0,010	0,013	FALSE
-0,017	0,302	-0,001	0,007	0,050	FALSE
-0,005	0,319	-0,001	0,009	0,021	FALSE
0,146	0,309	0,003	0,006	0,187	FALSE
0,075	0,309	0,004	0,012	0,118	FALSE
0,108	0,293	0,005	0,011	0,176	FALSE
-0,139	0,299	-0,006	0,011	0,208	FALSE
0,130	0,306	0,004	0,011	0,144	FALSE
-0,110	0,308	-0,005	0,012	0,167	FALSE
-0,135	0,295	-0,006	0,011	0,210	FALSE
-0,208	0,302	-0,009	0,012	0,314	FALSE
-0,006	0,323	0,000	0,011	0,008	FALSE
0,091	0,322	0,004	0,012	0,133	FALSE
0,034	0,305	0,002	0,012	0,047	FALSE
0,042	0,320	0,001	0,009	0,047	FALSE
-0,022	0,318	-0,001	0,009	0,047	FALSE
-0,067	0,315	-0,003	0,013	0,092	FALSE
-0,009	0,308	0,000	0,010	0,014	FALSE
0,012	0,314	0,001	0,012	0,015	FALSE
0,012	0,325	0,000	0,007	0,021	FALSE
-0,181	0,287	-0,008	0,012	0,317	FALSE
-0,156	0,299	-0,006	0,011	0,235	FALSE
-0,153	0,302	-0,007	0,012	0,256	FALSE
0,006	0,305	0,001	0,009	0,033	FALSE
0,012	0,306	0,001	0,010	0,042	FALSE
0,004	0,306	0,000	0,010	0,017	FALSE
-0,005	0,307	0,000	0,008	0,012	FALSE
-0,069	0,296	-0,003	0,012	0,093	FALSE
0,019	0,298	0,001	0,011	0,034	FALSE
0,093	0,302	0,003	0,011	0,122	FALSE
0,106	0,303	0,003	0,012	0,115	FALSE
-0,087	0,297	-0,003	0,010	0,130	FALSE
-0,079	0,305	-0,002	0,012	0,074	FALSE
-0,082	0,317	-0,003	0,013	0,095	FALSE
-0,085	0,308	-0,003	0,010	0,105	FALSE

-0,078	0,303	-0,003	0,011	0,110	FALSE
0,036	0,311	0,001	0,010	0,032	FALSE
-0,036	0,308	-0,002	0,012	0,050	FALSE
0,004	0,317	0,000	0,010	0,004	FALSE
0,022	0,315	0,001	0,010	0,020	FALSE
0,029	0,321	0,001	0,011	0,024	FALSE
0,129	0,304	0,003	0,008	0,170	FALSE
-0,019	0,310	-0,001	0,007	0,059	FALSE
0,092	0,303	0,002	0,008	0,100	FALSE
0,035	0,294	0,002	0,012	0,061	FALSE
0,009	0,295	0,001	0,012	0,023	FALSE
0,100	0,295	0,003	0,010	0,128	FALSE
0,075	0,314	0,002	0,009	0,087	FALSE
0,027	0,321	0,001	0,013	0,034	FALSE
0,037	0,323	0,001	0,013	0,037	FALSE
-0,120	0,309	-0,003	0,008	0,162	FALSE
0,067	0,298	0,003	0,012	0,092	FALSE
0,101	0,310	0,004	0,013	0,136	FALSE
0,015	0,315	0,000	0,007	0,021	FALSE
-0,062	0,314	-0,002	0,008	0,086	FALSE
-0,031	0,309	0,000	0,010	0,010	FALSE
-0,154	0,312	-0,005	0,012	0,164	FALSE
0,060	0,311	0,001	0,011	0,029	FALSE
0,035	0,317	0,001	0,007	0,042	FALSE
0,008	0,323	0,000	0,012	0,002	FALSE
0,073	0,324	0,002	0,011	0,076	FALSE
-0,027	0,307	0,000	0,009	0,019	FALSE
-0,008	0,305	-0,001	0,012	0,024	FALSE
-0,002	0,306	0,000	0,009	0,001	FALSE
-0,147	0,295	-0,005	0,011	0,214	FALSE
-0,075	0,301	-0,001	0,006	0,078	FALSE
0,148	0,294	0,004	0,007	0,266	FALSE
-0,128	0,303	-0,005	0,012	0,192	FALSE
0,104	0,311	0,006	0,013	0,182	FALSE
-0,116	0,303	-0,005	0,012	0,182	FALSE
0,115	0,302	0,006	0,012	0,218	FALSE
-0,089	0,306	-0,004	0,010	0,144	FALSE
-0,059	0,309	-0,003	0,010	0,098	FALSE
0,033	0,285	0,001	0,007	0,049	FALSE
0,070	0,293	0,002	0,011	0,068	FALSE
-0,106	0,300	-0,004	0,012	0,126	FALSE
-0,146	0,296	-0,005	0,012	0,191	FALSE
-0,136	0,297	-0,005	0,012	0,184	FALSE
-0,020	0,296	-0,001	0,009	0,043	FALSE
0,097	0,305	0,002	0,010	0,091	FALSE
-0,019	0,302	-0,001	0,010	0,036	FALSE
0,070	0,289	0,003	0,011	0,083	FALSE
-0,001	0,305	0,001	0,011	0,020	FALSE
-0,214	0,292	-0,006	0,009	0,294	FALSE
-0,092	0,297	-0,004	0,010	0,141	FALSE
-0,011	0,309	0,000	0,006	0,009	FALSE
-0,011	0,280	0,000	0,009	0,005	FALSE
-0,032	0,322	-0,001	0,007	0,028	FALSE

0,094	0,305	0,002	0,007	0,091	FALSE
-0,001	0,317	0,000	0,008	0,009	FALSE
-0,008	0,308	-0,001	0,012	0,031	FALSE
-0,043	0,312	-0,001	0,008	0,042	FALSE
-0,020	0,325	0,000	0,008	0,009	FALSE
-0,145	0,300	-0,006	0,012	0,220	FALSE
-0,108	0,300	-0,005	0,013	0,155	FALSE
-0,113	0,306	-0,004	0,013	0,133	FALSE
-0,126	0,298	-0,005	0,012	0,188	FALSE
-0,026	0,312	-0,001	0,011	0,026	FALSE
0,044	0,297	0,001	0,007	0,071	FALSE
0,021	0,307	0,000	0,009	0,011	FALSE
0,097	0,316	0,003	0,012	0,098	FALSE
-0,104	0,306	-0,004	0,011	0,160	FALSE
-0,089	0,306	-0,004	0,012	0,151	FALSE
-0,036	0,308	-0,001	0,010	0,028	FALSE
-0,057	0,300	-0,001	0,010	0,054	FALSE
-0,019	0,308	0,000	0,012	0,006	FALSE
0,001	0,315	-0,001	0,009	0,027	FALSE
-0,036	0,327	-0,001	0,007	0,049	FALSE
0,075	0,296	0,001	0,006	0,076	FALSE
0,020	0,314	0,000	0,008	0,005	FALSE
-0,082	0,300	-0,002	0,012	0,068	FALSE
-0,101	0,295	-0,002	0,007	0,102	FALSE
-0,138	0,305	-0,004	0,009	0,196	FALSE
0,165	0,300	0,006	0,011	0,230	FALSE
0,170	0,299	0,006	0,011	0,242	FALSE
-0,013	0,297	0,001	0,011	0,019	FALSE
-0,038	0,315	-0,001	0,009	0,028	FALSE
-0,089	0,309	-0,003	0,008	0,138	FALSE
-0,068	0,301	-0,002	0,008	0,119	FALSE
-0,085	0,311	-0,002	0,007	0,116	FALSE
-0,076	0,304	-0,002	0,007	0,099	FALSE
0,090	0,309	0,003	0,012	0,110	FALSE
0,004	0,320	0,000	0,009	0,018	FALSE
0,162	0,310	0,007	0,013	0,220	FALSE
0,156	0,300	0,006	0,013	0,209	FALSE
0,161	0,293	0,006	0,012	0,223	FALSE
0,088	0,312	0,002	0,008	0,109	FALSE
0,068	0,323	0,001	0,008	0,072	FALSE
-0,004	0,304	-0,001	0,012	0,017	FALSE
-0,037	0,315	-0,001	0,007	0,032	FALSE
-0,048	0,309	-0,001	0,012	0,027	FALSE
0,034	0,308	0,001	0,008	0,046	FALSE
0,005	0,311	-0,001	0,008	0,031	FALSE
0,036	0,315	0,001	0,007	0,049	FALSE
-0,042	0,309	-0,001	0,007	0,042	FALSE
-0,066	0,316	-0,002	0,007	0,097	FALSE
0,033	0,291	0,000	0,011	0,004	FALSE
0,093	0,307	0,003	0,010	0,108	FALSE
0,043	0,317	0,001	0,012	0,018	FALSE
-0,107	0,305	-0,002	0,007	0,123	FALSE
0,091	0,307	0,003	0,007	0,168	FALSE

-0,039	0,304	-0,001	0,012	0,038	FALSE
-0,145	0,313	-0,003	0,007	0,155	FALSE
-0,007	0,317	0,000	0,013	0,003	FALSE
-0,059	0,300	-0,002	0,008	0,078	FALSE
-0,007	0,312	0,000	0,009	0,002	FALSE
0,162	0,298	0,003	0,006	0,208	FALSE
-0,030	0,314	-0,001	0,009	0,029	FALSE
-0,029	0,321	-0,001	0,011	0,039	FALSE
-0,012	0,306	-0,001	0,011	0,034	FALSE
-0,023	0,315	-0,001	0,011	0,047	FALSE
-0,028	0,306	-0,002	0,007	0,076	FALSE
0,010	0,302	0,000	0,008	0,015	FALSE
-0,195	0,309	-0,007	0,011	0,303	FALSE
-0,013	0,313	0,000	0,007	0,018	FALSE
0,143	0,311	0,005	0,010	0,194	FALSE
0,056	0,316	0,002	0,010	0,060	FALSE
0,022	0,303	0,000	0,009	0,017	FALSE
-0,025	0,298	0,000	0,010	0,016	FALSE
0,100	0,294	0,002	0,008	0,100	FALSE
0,057	0,321	0,001	0,008	0,066	FALSE
0,169	0,301	0,005	0,007	0,297	FALSE
0,117	0,299	0,005	0,011	0,163	FALSE
-0,099	0,314	-0,003	0,008	0,116	FALSE
-0,038	0,317	0,000	0,012	0,008	FALSE
0,073	0,308	0,001	0,008	0,045	FALSE
0,042	0,311	0,001	0,007	0,065	FALSE
0,002	0,309	0,001	0,008	0,025	FALSE
-0,055	0,299	-0,001	0,011	0,048	FALSE
0,041	0,320	0,001	0,008	0,039	FALSE
-0,014	0,306	-0,001	0,012	0,035	FALSE
-0,084	0,313	-0,003	0,010	0,112	FALSE
-0,127	0,304	-0,004	0,008	0,194	FALSE
-0,018	0,319	-0,001	0,006	0,033	FALSE
0,040	0,301	0,001	0,011	0,037	FALSE
-0,069	0,297	-0,003	0,012	0,092	FALSE
-0,068	0,310	-0,001	0,007	0,081	FALSE
0,027	0,298	0,001	0,012	0,020	FALSE
-0,017	0,306	0,000	0,008	0,003	FALSE
-0,038	0,304	-0,001	0,007	0,056	FALSE
0,032	0,312	0,001	0,011	0,038	FALSE
0,043	0,307	0,002	0,011	0,069	FALSE
-0,030	0,316	-0,001	0,008	0,039	FALSE
-0,152	0,305	-0,003	0,007	0,209	FALSE
0,017	0,306	0,001	0,009	0,051	FALSE
0,032	0,305	0,001	0,010	0,037	FALSE
0,035	0,305	0,001	0,012	0,038	FALSE
-0,020	0,304	-0,001	0,008	0,024	FALSE
0,028	0,305	0,001	0,007	0,047	FALSE
0,039	0,304	0,001	0,011	0,039	FALSE
-0,008	0,307	0,000	0,010	0,009	FALSE
-0,102	0,323	-0,002	0,007	0,128	FALSE
-0,026	0,327	-0,002	0,008	0,068	FALSE
-0,035	0,306	-0,002	0,012	0,048	FALSE

0,057	0,305	0,002	0,010	0,090	FALSE
-0,006	0,308	-0,001	0,009	0,044	FALSE
0,011	0,303	0,000	0,007	0,021	FALSE
0,105	0,312	0,003	0,008	0,140	FALSE
0,150	0,300	0,005	0,009	0,214	FALSE
0,150	0,305	0,005	0,009	0,223	FALSE
0,136	0,306	0,005	0,009	0,202	FALSE
0,139	0,309	0,004	0,009	0,194	FALSE
-0,028	0,309	-0,001	0,010	0,035	FALSE
0,023	0,309	0,001	0,009	0,047	FALSE
0,041	0,310	0,001	0,008	0,064	FALSE
-0,074	0,307	-0,003	0,013	0,104	FALSE
0,093	0,291	0,002	0,007	0,131	FALSE
0,122	0,318	0,005	0,012	0,168	FALSE
0,104	0,313	0,004	0,012	0,145	FALSE
-0,109	0,299	-0,005	0,011	0,162	FALSE
-0,026	0,320	-0,001	0,008	0,055	FALSE
-0,013	0,317	-0,001	0,009	0,044	FALSE
0,116	0,318	0,004	0,011	0,151	FALSE
-0,018	0,309	0,000	0,012	0,004	FALSE
0,062	0,304	0,002	0,009	0,070	FALSE
-0,114	0,288	-0,003	0,008	0,136	FALSE
0,179	0,298	0,007	0,012	0,258	FALSE
-0,102	0,315	-0,003	0,008	0,142	FALSE
-0,125	0,308	-0,003	0,008	0,151	FALSE
-0,093	0,306	-0,002	0,008	0,103	FALSE
0,065	0,290	0,002	0,012	0,066	FALSE
-0,112	0,315	-0,003	0,008	0,153	FALSE
-0,006	0,298	-0,001	0,010	0,030	FALSE
-0,026	0,298	0,000	0,006	0,014	FALSE
-0,079	0,293	-0,002	0,009	0,093	FALSE
-0,076	0,295	-0,003	0,013	0,094	FALSE
0,030	0,311	0,000	0,010	0,018	FALSE
0,045	0,302	0,001	0,010	0,050	FALSE
0,165	0,288	0,005	0,009	0,218	FALSE
-0,056	0,318	-0,001	0,009	0,060	FALSE
-0,125	0,294	-0,003	0,006	0,192	FALSE
0,005	0,300	0,000	0,008	0,004	FALSE
-0,051	0,302	-0,001	0,009	0,048	FALSE
0,198	0,284	0,006	0,008	0,343	FALSE
0,312	0,288	0,011	0,010	0,570	FALSE
0,240	0,285	0,009	0,010	0,443	FALSE
-0,078	0,312	-0,004	0,012	0,124	FALSE
0,005	0,306	0,000	0,007	0,008	FALSE
-0,130	0,314	-0,006	0,013	0,197	FALSE
-0,067	0,297	-0,003	0,010	0,108	FALSE
-0,044	0,308	-0,002	0,013	0,066	FALSE
-0,106	0,318	-0,005	0,013	0,154	FALSE
-0,087	0,316	-0,003	0,011	0,088	FALSE
0,071	0,316	0,002	0,008	0,104	FALSE
-0,058	0,310	-0,002	0,010	0,100	FALSE
-0,065	0,307	-0,002	0,009	0,101	FALSE
-0,114	0,305	-0,003	0,009	0,136	FALSE

-0,112	0,291	-0,003	0,007	0,159	FALSE
-0,039	0,301	-0,001	0,007	0,052	FALSE
0,046	0,303	0,000	0,010	0,000	FALSE
0,055	0,310	0,002	0,012	0,059	FALSE
0,099	0,313	0,004	0,011	0,147	FALSE
-0,059	0,303	-0,001	0,010	0,038	FALSE
-0,059	0,313	-0,001	0,010	0,049	FALSE
0,063	0,315	0,002	0,010	0,079	FALSE
0,055	0,303	0,001	0,008	0,043	FALSE
-0,007	0,294	0,000	0,011	0,013	FALSE
-0,052	0,290	-0,002	0,011	0,078	FALSE
-0,014	0,292	0,000	0,007	0,005	FALSE
-0,028	0,304	-0,001	0,008	0,027	FALSE
0,012	0,319	0,001	0,012	0,027	FALSE
-0,061	0,298	-0,002	0,009	0,085	FALSE
-0,054	0,308	-0,002	0,012	0,072	FALSE
-0,031	0,310	-0,001	0,011	0,033	FALSE
0,050	0,309	0,001	0,007	0,029	FALSE
0,080	0,306	0,002	0,008	0,107	FALSE
-0,051	0,311	-0,002	0,011	0,081	FALSE
0,074	0,301	0,003	0,012	0,094	FALSE
0,191	0,303	0,005	0,008	0,270	FALSE
0,205	0,295	0,005	0,007	0,335	FALSE
0,220	0,290	0,008	0,010	0,341	FALSE
0,043	0,301	0,002	0,009	0,073	FALSE
0,165	0,309	0,005	0,008	0,242	FALSE
0,147	0,300	0,003	0,006	0,179	FALSE
-0,015	0,316	-0,001	0,012	0,027	FALSE
0,114	0,319	0,004	0,011	0,128	FALSE
0,013	0,303	0,001	0,009	0,023	FALSE
-0,122	0,305	-0,003	0,008	0,144	FALSE
0,046	0,289	0,003	0,010	0,119	FALSE
0,019	0,308	0,002	0,012	0,063	FALSE
-0,104	0,302	-0,006	0,013	0,189	FALSE
-0,021	0,307	0,000	0,007	0,008	FALSE
-0,131	0,295	-0,004	0,012	0,135	FALSE
-0,077	0,289	-0,001	0,008	0,044	FALSE
-0,107	0,316	-0,002	0,008	0,109	FALSE
-0,120	0,322	-0,003	0,008	0,137	FALSE
-0,026	0,302	-0,001	0,009	0,028	FALSE
-0,146	0,314	-0,006	0,013	0,213	FALSE
0,018	0,319	0,000	0,009	0,014	FALSE
0,051	0,297	0,002	0,008	0,077	FALSE
0,090	0,311	0,004	0,012	0,130	FALSE
0,056	0,317	0,002	0,012	0,074	FALSE
0,015	0,311	0,001	0,010	0,033	FALSE
0,055	0,307	0,001	0,006	0,082	FALSE
0,117	0,298	0,004	0,009	0,188	FALSE
-0,062	0,321	-0,002	0,010	0,055	FALSE
0,110	0,304	0,004	0,010	0,178	FALSE
0,138	0,295	0,005	0,009	0,244	FALSE
0,041	0,302	0,001	0,006	0,059	FALSE
0,077	0,303	0,002	0,006	0,094	FALSE

0,116	0,309	0,004	0,011	0,150	FALSE
-0,010	0,303	-0,001	0,011	0,020	FALSE
0,033	0,288	0,002	0,011	0,073	FALSE
0,122	0,295	0,003	0,006	0,233	FALSE
0,087	0,309	0,002	0,012	0,074	FALSE
0,033	0,321	0,001	0,012	0,041	FALSE
-0,094	0,298	-0,003	0,009	0,124	FALSE
-0,082	0,323	-0,003	0,009	0,120	FALSE
0,067	0,319	0,001	0,007	0,066	FALSE
0,089	0,302	0,004	0,012	0,113	FALSE
0,007	0,299	0,000	0,007	0,008	FALSE
0,069	0,302	0,002	0,008	0,084	FALSE
-0,126	0,306	-0,005	0,013	0,170	FALSE
0,039	0,317	0,001	0,008	0,025	FALSE
0,048	0,297	0,001	0,007	0,044	FALSE
0,080	0,302	0,003	0,011	0,116	FALSE
0,033	0,298	0,001	0,011	0,049	FALSE
0,107	0,308	0,002	0,008	0,103	FALSE
0,088	0,307	0,002	0,009	0,092	FALSE
0,002	0,302	0,000	0,011	0,011	FALSE
0,048	0,295	0,000	0,008	0,021	FALSE
-0,036	0,329	0,000	0,008	0,018	FALSE
0,073	0,320	0,004	0,011	0,121	FALSE
0,029	0,292	0,001	0,012	0,027	FALSE
-0,040	0,295	-0,001	0,008	0,056	FALSE
-0,019	0,311	-0,001	0,009	0,022	FALSE
-0,017	0,315	0,000	0,009	0,018	FALSE
-0,022	0,303	-0,001	0,009	0,031	FALSE
-0,059	0,299	-0,001	0,008	0,045	FALSE
-0,062	0,307	-0,002	0,011	0,061	FALSE
0,018	0,307	-0,001	0,011	0,017	FALSE
0,106	0,313	0,002	0,006	0,130	FALSE
0,128	0,300	0,004	0,009	0,159	FALSE
-0,138	0,298	-0,003	0,007	0,167	FALSE
0,022	0,284	0,001	0,012	0,032	FALSE
0,040	0,305	0,001	0,009	0,041	FALSE
0,103	0,298	0,003	0,007	0,155	FALSE
0,069	0,321	0,002	0,011	0,079	FALSE
-0,147	0,294	-0,003	0,008	0,162	FALSE
-0,035	0,308	-0,001	0,009	0,051	FALSE
-0,026	0,313	0,000	0,008	0,001	FALSE
-0,015	0,300	0,000	0,009	0,004	FALSE
-0,041	0,314	-0,001	0,008	0,066	FALSE
-0,109	0,297	-0,004	0,012	0,134	FALSE
-0,149	0,304	-0,006	0,012	0,216	FALSE
-0,161	0,314	-0,006	0,012	0,212	FALSE
-0,139	0,308	-0,005	0,012	0,188	FALSE
0,092	0,307	0,003	0,012	0,105	FALSE
0,116	0,306	0,004	0,011	0,156	FALSE
-0,023	0,316	-0,001	0,009	0,050	FALSE
0,029	0,305	0,001	0,010	0,052	FALSE
-0,076	0,292	-0,004	0,012	0,139	FALSE
-0,110	0,299	-0,004	0,008	0,196	FALSE

-0,048	0,310	-0,001	0,012	0,027	FALSE
0,103	0,303	0,003	0,008	0,175	FALSE
0,088	0,310	0,003	0,008	0,135	FALSE
0,081	0,314	0,002	0,009	0,096	FALSE
0,106	0,303	0,003	0,009	0,117	FALSE
-0,055	0,299	-0,002	0,010	0,062	FALSE
-0,030	0,294	-0,001	0,008	0,025	FALSE
-0,010	0,321	-0,001	0,011	0,021	FALSE
-0,095	0,310	-0,002	0,007	0,136	FALSE
-0,126	0,310	-0,005	0,012	0,165	FALSE
-0,001	0,296	0,000	0,006	0,002	FALSE
0,040	0,297	0,002	0,007	0,096	FALSE
0,144	0,301	0,004	0,008	0,199	FALSE
0,072	0,306	0,002	0,009	0,071	FALSE
-0,058	0,316	-0,001	0,008	0,055	FALSE
0,105	0,302	0,002	0,007	0,128	FALSE
0,079	0,301	0,002	0,007	0,106	FALSE
0,010	0,299	0,001	0,009	0,040	FALSE
-0,149	0,303	-0,004	0,008	0,224	FALSE
-0,052	0,327	-0,001	0,008	0,044	FALSE
0,024	0,312	0,001	0,012	0,042	FALSE
-0,040	0,321	-0,001	0,009	0,058	FALSE
-0,117	0,296	-0,004	0,009	0,159	FALSE
-0,066	0,307	-0,003	0,012	0,083	FALSE
0,066	0,318	0,002	0,010	0,087	FALSE
0,086	0,311	0,003	0,012	0,106	FALSE
-0,153	0,315	-0,005	0,010	0,207	FALSE
-0,136	0,304	-0,004	0,010	0,174	FALSE
-0,126	0,301	-0,005	0,012	0,178	FALSE
-0,093	0,298	-0,004	0,012	0,139	FALSE
0,062	0,299	0,001	0,009	0,052	FALSE
-0,005	0,315	0,000	0,009	0,007	FALSE
0,001	0,320	0,000	0,009	0,012	FALSE
-0,143	0,296	-0,007	0,012	0,237	FALSE
-0,142	0,293	-0,007	0,012	0,231	FALSE
-0,060	0,305	-0,002	0,010	0,074	FALSE
-0,021	0,317	-0,001	0,011	0,030	FALSE
-0,084	0,305	-0,003	0,011	0,107	FALSE
-0,037	0,308	-0,001	0,007	0,060	FALSE
-0,030	0,296	-0,001	0,012	0,034	FALSE
-0,018	0,300	-0,001	0,012	0,021	FALSE
0,008	0,293	0,000	0,010	0,001	FALSE
0,024	0,302	0,000	0,006	0,023	FALSE
0,011	0,298	0,000	0,006	0,024	FALSE
0,165	0,282	0,007	0,011	0,294	FALSE
-0,066	0,318	-0,003	0,013	0,085	FALSE
0,026	0,305	0,002	0,011	0,061	FALSE
0,030	0,313	0,001	0,010	0,048	FALSE
-0,052	0,310	-0,001	0,009	0,050	FALSE
-0,087	0,312	-0,003	0,012	0,087	FALSE
0,077	0,312	0,001	0,006	0,089	FALSE
0,019	0,306	0,000	0,013	0,000	FALSE
-0,022	0,310	-0,001	0,009	0,025	FALSE

0,097	0,306	0,003	0,007	0,149	FALSE
-0,072	0,288	-0,004	0,011	0,136	FALSE
0,025	0,301	0,001	0,006	0,042	FALSE
0,050	0,301	0,001	0,008	0,033	FALSE
-0,038	0,299	-0,001	0,006	0,046	FALSE
-0,071	0,301	-0,001	0,006	0,082	FALSE
-0,044	0,313	-0,001	0,009	0,057	FALSE
-0,026	0,308	0,000	0,008	0,001	FALSE
0,057	0,316	0,001	0,007	0,057	FALSE
-0,060	0,319	-0,001	0,012	0,037	FALSE
-0,033	0,314	-0,002	0,013	0,059	FALSE
0,093	0,308	0,003	0,009	0,109	FALSE
0,026	0,303	0,002	0,012	0,055	FALSE
-0,088	0,302	-0,001	0,006	0,087	FALSE
-0,069	0,295	-0,002	0,006	0,095	FALSE
-0,009	0,300	0,000	0,007	0,006	FALSE
-0,072	0,313	-0,002	0,008	0,088	FALSE
-0,003	0,303	0,000	0,007	0,001	FALSE
-0,054	0,307	-0,001	0,008	0,029	FALSE
0,028	0,315	0,001	0,011	0,024	FALSE
0,075	0,306	0,004	0,012	0,112	FALSE
0,024	0,307	0,002	0,012	0,048	FALSE
-0,055	0,307	-0,002	0,012	0,075	FALSE
-0,108	0,303	-0,004	0,012	0,135	FALSE
-0,036	0,326	-0,001	0,013	0,035	FALSE
0,041	0,329	0,001	0,013	0,037	FALSE
-0,075	0,307	-0,002	0,008	0,088	FALSE
0,032	0,325	0,002	0,013	0,061	FALSE
0,014	0,305	0,000	0,012	0,005	FALSE
-0,069	0,317	-0,001	0,007	0,080	FALSE
-0,044	0,306	-0,001	0,010	0,029	FALSE
-0,025	0,317	-0,001	0,008	0,036	FALSE
0,019	0,316	0,000	0,012	0,014	FALSE
0,065	0,299	0,002	0,010	0,078	FALSE
0,014	0,305	0,000	0,007	0,002	FALSE
-0,084	0,309	-0,002	0,007	0,121	FALSE
0,000	0,304	0,000	0,007	0,012	FALSE
0,029	0,293	0,002	0,013	0,043	FALSE
-0,009	0,313	0,000	0,007	0,001	FALSE
0,028	0,298	0,001	0,012	0,031	FALSE
0,066	0,311	0,003	0,012	0,098	FALSE
0,074	0,310	0,003	0,008	0,148	FALSE
-0,067	0,307	-0,002	0,008	0,105	FALSE
-0,082	0,310	-0,002	0,007	0,086	FALSE
-0,023	0,317	0,000	0,009	0,010	FALSE
-0,067	0,311	-0,001	0,006	0,048	FALSE
0,032	0,312	0,001	0,009	0,025	FALSE
-0,025	0,296	0,000	0,008	0,002	FALSE
-0,127	0,298	-0,004	0,010	0,180	FALSE
-0,029	0,304	0,000	0,006	0,026	FALSE
-0,003	0,325	-0,001	0,011	0,023	FALSE
-0,030	0,294	-0,001	0,012	0,020	FALSE
0,030	0,312	0,000	0,012	0,010	FALSE

0,000	0,304	0,000	0,010	0,015	FALSE
0,001	0,304	0,000	0,010	0,012	FALSE
-0,047	0,304	-0,001	0,013	0,041	FALSE
0,056	0,296	0,002	0,008	0,085	FALSE
-0,085	0,298	-0,004	0,012	0,135	FALSE
0,122	0,311	0,003	0,008	0,137	FALSE
0,066	0,317	0,002	0,007	0,085	FALSE
-0,030	0,297	-0,001	0,010	0,032	FALSE
0,043	0,303	0,001	0,006	0,065	FALSE
-0,029	0,300	0,000	0,007	0,019	FALSE
-0,014	0,302	0,000	0,008	0,024	FALSE
0,026	0,304	0,001	0,011	0,047	FALSE
-0,053	0,322	-0,002	0,013	0,066	FALSE
-0,077	0,307	-0,001	0,008	0,063	FALSE
-0,072	0,317	-0,004	0,012	0,113	FALSE
0,021	0,307	0,000	0,012	0,004	FALSE
0,016	0,317	0,001	0,009	0,021	FALSE
0,098	0,299	0,003	0,012	0,104	FALSE
0,104	0,308	0,004	0,009	0,171	FALSE
-0,035	0,297	-0,002	0,011	0,069	FALSE
-0,040	0,293	-0,002	0,010	0,083	FALSE
-0,086	0,303	-0,003	0,011	0,113	FALSE
-0,055	0,303	-0,002	0,011	0,068	FALSE
-0,114	0,306	-0,003	0,010	0,121	FALSE
-0,070	0,311	-0,002	0,007	0,101	FALSE
-0,169	0,297	-0,006	0,012	0,218	FALSE
0,079	0,307	0,002	0,013	0,071	FALSE
0,064	0,313	0,001	0,012	0,035	FALSE
-0,130	0,301	-0,005	0,012	0,166	FALSE
0,082	0,309	0,003	0,013	0,084	FALSE
-0,108	0,296	-0,004	0,012	0,129	FALSE
-0,176	0,300	-0,007	0,012	0,240	FALSE
-0,110	0,305	-0,004	0,012	0,120	FALSE
-0,035	0,295	-0,001	0,007	0,048	FALSE
0,015	0,310	0,000	0,010	0,013	FALSE
-0,161	0,309	-0,003	0,007	0,201	FALSE
0,032	0,311	0,001	0,010	0,042	FALSE
0,090	0,305	0,003	0,013	0,103	FALSE
0,001	0,304	0,000	0,012	0,004	FALSE
-0,095	0,307	-0,004	0,011	0,127	FALSE
-0,048	0,317	-0,001	0,008	0,032	FALSE
-0,035	0,314	-0,001	0,013	0,027	FALSE
0,074	0,303	0,002	0,007	0,083	FALSE
-0,001	0,303	-0,001	0,012	0,037	FALSE
0,005	0,290	0,000	0,011	0,004	FALSE
-0,015	0,312	0,000	0,011	0,007	FALSE
0,061	0,316	0,003	0,012	0,099	FALSE
0,064	0,305	0,003	0,010	0,111	FALSE
0,004	0,300	0,000	0,006	0,011	FALSE
-0,062	0,294	-0,002	0,007	0,086	FALSE
-0,024	0,290	-0,001	0,011	0,022	FALSE
-0,113	0,303	-0,003	0,010	0,138	FALSE
0,048	0,303	0,002	0,009	0,061	FALSE

-0,008	0,308	-0,001	0,011	0,026	FALSE
0,023	0,312	0,000	0,007	0,006	FALSE
-0,055	0,309	-0,001	0,011	0,047	FALSE
0,072	0,312	0,003	0,013	0,084	FALSE
0,046	0,297	0,002	0,012	0,056	FALSE
0,005	0,300	0,000	0,012	0,005	FALSE
-0,007	0,298	-0,001	0,012	0,018	FALSE
-0,037	0,304	-0,001	0,011	0,022	FALSE
-0,027	0,288	-0,001	0,009	0,051	FALSE
-0,057	0,306	-0,003	0,012	0,085	FALSE
0,127	0,289	0,006	0,012	0,202	FALSE
0,060	0,310	0,001	0,008	0,070	FALSE
-0,100	0,318	-0,003	0,010	0,132	FALSE
0,148	0,295	0,006	0,012	0,215	FALSE
-0,058	0,318	-0,001	0,006	0,087	FALSE
0,025	0,315	0,000	0,010	0,002	FALSE
-0,132	0,304	-0,005	0,010	0,190	FALSE
-0,106	0,305	-0,002	0,007	0,131	FALSE
-0,059	0,305	-0,002	0,009	0,071	FALSE
-0,037	0,300	-0,001	0,008	0,059	FALSE
-0,045	0,308	-0,001	0,007	0,027	FALSE
0,081	0,303	0,003	0,009	0,131	FALSE
0,018	0,311	0,001	0,009	0,024	FALSE
0,129	0,304	0,004	0,010	0,183	FALSE
0,080	0,304	0,003	0,009	0,126	FALSE
0,058	0,297	0,002	0,006	0,136	FALSE
0,040	0,306	0,001	0,008	0,047	FALSE
-0,039	0,295	-0,002	0,011	0,071	FALSE
-0,040	0,320	-0,002	0,013	0,045	FALSE
-0,053	0,312	-0,001	0,007	0,054	FALSE
0,001	0,306	0,000	0,007	0,006	FALSE
0,061	0,301	0,002	0,009	0,083	FALSE
0,073	0,303	0,002	0,009	0,101	FALSE
-0,083	0,311	-0,003	0,009	0,112	FALSE
-0,066	0,312	-0,002	0,009	0,109	FALSE
-0,061	0,302	-0,001	0,007	0,030	FALSE
-0,213	0,300	-0,004	0,006	0,302	FALSE
-0,143	0,319	-0,005	0,013	0,172	FALSE
0,048	0,314	0,002	0,007	0,087	FALSE
0,053	0,307	0,001	0,007	0,074	FALSE
-0,077	0,310	-0,002	0,010	0,092	FALSE
0,023	0,301	0,000	0,008	0,008	FALSE
-0,068	0,305	-0,002	0,008	0,109	FALSE
0,042	0,292	0,002	0,011	0,078	FALSE
0,001	0,312	0,000	0,010	0,011	FALSE
0,190	0,311	0,008	0,012	0,290	FALSE
-0,034	0,300	-0,002	0,013	0,061	FALSE
0,107	0,295	0,004	0,011	0,139	FALSE
0,126	0,309	0,003	0,006	0,202	FALSE
0,010	0,300	0,001	0,008	0,052	FALSE
-0,129	0,319	-0,006	0,012	0,210	FALSE
0,068	0,301	0,002	0,007	0,124	FALSE
-0,019	0,307	-0,001	0,009	0,037	FALSE

0,033	0,321	0,002	0,012	0,044	FALSE
0,039	0,309	0,001	0,009	0,044	FALSE
-0,060	0,307	-0,001	0,008	0,064	FALSE
0,073	0,311	0,002	0,008	0,082	FALSE
-0,143	0,318	-0,004	0,008	0,184	FALSE
0,075	0,293	0,002	0,007	0,102	FALSE
-0,026	0,314	-0,002	0,010	0,062	FALSE
-0,058	0,313	-0,002	0,010	0,081	FALSE
-0,048	0,303	-0,002	0,011	0,081	FALSE
0,078	0,309	0,002	0,011	0,070	FALSE
0,055	0,305	0,002	0,011	0,057	FALSE
-0,077	0,304	-0,002	0,007	0,116	FALSE
0,076	0,309	0,003	0,010	0,096	FALSE
0,107	0,325	0,004	0,012	0,124	FALSE
0,095	0,294	0,004	0,011	0,141	FALSE
0,109	0,302	0,004	0,011	0,149	FALSE
0,082	0,301	0,002	0,006	0,135	FALSE
0,006	0,297	0,000	0,007	0,017	FALSE
-0,027	0,292	0,000	0,008	0,004	FALSE
0,162	0,305	0,006	0,012	0,197	FALSE
0,094	0,296	0,002	0,006	0,175	FALSE
0,099	0,300	0,004	0,012	0,115	FALSE
-0,017	0,298	-0,001	0,011	0,042	FALSE
0,015	0,298	0,000	0,007	0,010	FALSE
0,013	0,318	0,000	0,007	0,009	FALSE
-0,029	0,293	-0,001	0,007	0,035	FALSE
-0,122	0,322	-0,002	0,007	0,131	FALSE
-0,062	0,311	-0,002	0,011	0,053	FALSE
-0,024	0,301	0,000	0,010	0,006	FALSE
0,049	0,322	0,002	0,010	0,089	FALSE
-0,139	0,306	-0,004	0,010	0,170	FALSE
0,012	0,314	0,000	0,010	0,018	FALSE
0,033	0,315	0,001	0,007	0,028	FALSE
0,094	0,305	0,003	0,010	0,128	FALSE
0,006	0,297	-0,001	0,008	0,023	FALSE
0,080	0,315	0,003	0,011	0,085	FALSE
-0,058	0,304	-0,002	0,007	0,101	FALSE
-0,052	0,308	-0,002	0,010	0,076	FALSE
0,047	0,297	0,001	0,009	0,037	FALSE
-0,089	0,286	-0,003	0,009	0,135	FALSE
0,028	0,285	0,001	0,008	0,031	FALSE
0,092	0,300	0,003	0,009	0,109	FALSE
-0,051	0,298	-0,001	0,006	0,040	FALSE
0,096	0,293	0,003	0,008	0,156	FALSE
-0,110	0,308	-0,003	0,007	0,150	FALSE
-0,056	0,314	-0,002	0,010	0,065	FALSE
0,071	0,295	0,001	0,007	0,078	FALSE
0,119	0,301	0,004	0,011	0,157	FALSE
0,009	0,309	0,000	0,009	0,000	FALSE
0,064	0,308	0,001	0,006	0,091	FALSE
0,100	0,297	0,004	0,012	0,147	FALSE
0,096	0,301	0,004	0,010	0,143	FALSE
-0,007	0,305	0,000	0,011	0,006	FALSE

-0,025	0,307	0,000	0,009	0,002	FALSE
-0,014	0,313	-0,001	0,009	0,019	FALSE
-0,027	0,316	-0,002	0,012	0,047	FALSE
-0,034	0,303	-0,001	0,007	0,046	FALSE
-0,128	0,292	-0,005	0,013	0,176	FALSE
-0,096	0,306	-0,003	0,009	0,126	FALSE
-0,046	0,320	-0,001	0,008	0,069	FALSE
-0,013	0,309	0,000	0,010	0,011	FALSE
-0,020	0,320	0,000	0,010	0,014	FALSE
-0,105	0,303	-0,004	0,012	0,121	FALSE
-0,091	0,294	-0,003	0,012	0,110	FALSE
0,099	0,307	0,005	0,012	0,169	FALSE
0,003	0,316	0,000	0,012	0,005	FALSE
-0,085	0,308	-0,003	0,009	0,110	FALSE
0,033	0,312	0,000	0,008	0,007	FALSE
0,019	0,297	0,000	0,007	0,026	FALSE
-0,039	0,297	-0,001	0,010	0,029	FALSE
0,034	0,315	0,001	0,007	0,048	FALSE
0,035	0,306	0,001	0,007	0,032	FALSE
0,119	0,305	0,004	0,010	0,140	FALSE
-0,015	0,301	0,000	0,008	0,021	FALSE
0,002	0,311	0,000	0,007	0,001	FALSE
-0,031	0,308	0,000	0,008	0,020	FALSE
0,056	0,306	0,002	0,008	0,081	FALSE
-0,036	0,307	-0,002	0,012	0,060	FALSE
0,130	0,293	0,004	0,008	0,208	FALSE
0,051	0,309	0,002	0,011	0,062	FALSE
-0,044	0,299	-0,001	0,007	0,044	FALSE
0,125	0,294	0,004	0,008	0,209	FALSE
0,103	0,307	0,002	0,006	0,136	FALSE
-0,034	0,317	-0,001	0,007	0,032	FALSE
-0,028	0,297	-0,001	0,008	0,041	FALSE
0,051	0,309	0,001	0,008	0,034	FALSE
-0,188	0,305	-0,008	0,012	0,281	FALSE
0,143	0,317	0,005	0,010	0,187	FALSE
0,107	0,307	0,003	0,008	0,134	FALSE
0,092	0,299	0,003	0,010	0,123	FALSE
-0,139	0,314	-0,005	0,010	0,191	FALSE
0,050	0,303	0,001	0,007	0,045	FALSE
-0,015	0,307	-0,001	0,011	0,026	FALSE
-0,176	0,303	-0,005	0,009	0,266	FALSE
0,130	0,307	0,004	0,007	0,196	FALSE
-0,012	0,307	0,000	0,008	0,012	FALSE
0,029	0,312	0,001	0,010	0,031	FALSE
0,024	0,303	0,001	0,010	0,035	FALSE
0,047	0,310	0,001	0,007	0,044	FALSE
-0,007	0,316	0,000	0,007	0,001	FALSE
0,105	0,315	0,005	0,013	0,151	FALSE
-0,021	0,308	-0,001	0,012	0,018	FALSE
0,070	0,302	0,003	0,009	0,130	FALSE
-0,008	0,289	-0,001	0,011	0,022	FALSE
0,034	0,298	0,001	0,008	0,042	FALSE
0,065	0,304	0,002	0,008	0,092	FALSE

0,036	0,319	0,001	0,009	0,043	FALSE
0,046	0,302	0,001	0,008	0,058	FALSE
0,021	0,315	0,001	0,008	0,025	FALSE
0,061	0,300	0,002	0,008	0,094	FALSE
0,070	0,293	0,002	0,008	0,096	FALSE
0,001	0,304	0,000	0,008	0,003	FALSE
0,033	0,300	0,001	0,008	0,022	FALSE
-0,113	0,295	-0,005	0,012	0,165	FALSE
0,084	0,305	0,003	0,009	0,130	FALSE
0,033	0,310	0,002	0,010	0,061	FALSE
-0,034	0,318	-0,001	0,007	0,033	FALSE
0,076	0,314	0,003	0,011	0,097	FALSE
-0,038	0,295	-0,001	0,010	0,056	FALSE
-0,068	0,314	-0,003	0,010	0,111	FALSE
-0,030	0,288	-0,002	0,012	0,078	FALSE
-0,065	0,313	-0,002	0,009	0,092	FALSE
-0,075	0,307	-0,002	0,008	0,108	FALSE
0,080	0,300	0,002	0,007	0,128	FALSE
0,070	0,302	0,003	0,009	0,114	FALSE
-0,074	0,301	-0,002	0,008	0,085	FALSE
-0,205	0,303	-0,008	0,011	0,309	FALSE
-0,222	0,295	-0,008	0,011	0,332	FALSE
0,018	0,311	0,001	0,012	0,016	FALSE
0,061	0,305	0,002	0,011	0,078	FALSE
0,006	0,298	0,000	0,006	0,007	FALSE
0,082	0,290	0,003	0,010	0,108	FALSE
-0,031	0,311	-0,001	0,008	0,036	FALSE
-0,047	0,296	-0,002	0,012	0,054	FALSE
0,015	0,316	0,000	0,008	0,020	FALSE
-0,033	0,316	-0,001	0,009	0,027	FALSE
-0,001	0,308	0,000	0,009	0,008	FALSE
-0,012	0,309	0,000	0,009	0,014	FALSE
-0,033	0,318	-0,001	0,010	0,037	FALSE
0,145	0,315	0,004	0,009	0,178	FALSE
-0,013	0,314	-0,001	0,010	0,035	FALSE
0,027	0,305	0,001	0,012	0,022	FALSE
0,088	0,302	0,002	0,006	0,115	FALSE
0,122	0,306	0,002	0,007	0,137	FALSE
0,029	0,301	0,000	0,007	0,006	FALSE
0,078	0,299	0,004	0,012	0,129	FALSE
-0,124	0,304	-0,006	0,012	0,196	FALSE
0,071	0,307	0,002	0,011	0,068	FALSE
-0,019	0,326	-0,001	0,012	0,041	FALSE
-0,077	0,304	-0,002	0,011	0,072	FALSE
0,055	0,310	0,001	0,008	0,060	FALSE
0,077	0,299	0,002	0,008	0,095	FALSE
-0,015	0,298	-0,002	0,012	0,072	FALSE
-0,030	0,315	-0,001	0,007	0,033	FALSE
-0,027	0,318	-0,001	0,007	0,040	FALSE
0,134	0,298	0,003	0,007	0,202	FALSE
-0,045	0,304	-0,002	0,007	0,088	FALSE
0,142	0,305	0,006	0,012	0,188	FALSE
0,037	0,305	0,001	0,013	0,039	FALSE

-0,204	0,295	-0,004	0,006	0,275	FALSE
0,116	0,316	0,004	0,011	0,138	FALSE
-0,004	0,312	0,000	0,009	0,000	FALSE
-0,038	0,304	-0,001	0,010	0,037	FALSE
0,002	0,305	0,000	0,010	0,010	FALSE
-0,083	0,308	-0,002	0,007	0,114	FALSE
0,006	0,306	0,000	0,008	0,013	FALSE
-0,041	0,313	-0,001	0,006	0,051	FALSE
-0,148	0,306	-0,005	0,008	0,245	FALSE
-0,191	0,291	-0,010	0,012	0,369	FALSE
0,055	0,320	0,002	0,007	0,091	FALSE
0,021	0,301	0,001	0,007	0,059	FALSE
-0,081	0,304	-0,003	0,009	0,123	FALSE
-0,062	0,306	-0,002	0,008	0,087	FALSE
0,029	0,328	0,001	0,008	0,042	FALSE
-0,111	0,304	-0,003	0,008	0,168	FALSE
0,003	0,312	0,000	0,007	0,007	FALSE
-0,193	0,303	-0,005	0,007	0,284	FALSE
-0,215	0,303	-0,009	0,011	0,367	FALSE
-0,026	0,308	-0,001	0,008	0,051	FALSE
-0,154	0,298	-0,004	0,006	0,258	FALSE
-0,112	0,308	-0,003	0,008	0,123	FALSE
-0,146	0,299	-0,004	0,009	0,174	FALSE
0,042	0,301	0,001	0,011	0,016	FALSE
0,026	0,287	0,001	0,006	0,096	FALSE
0,186	0,300	0,005	0,008	0,283	FALSE
-0,054	0,308	-0,002	0,008	0,082	FALSE
0,025	0,290	0,002	0,008	0,076	FALSE
0,069	0,303	0,002	0,007	0,104	FALSE
-0,113	0,300	-0,005	0,012	0,171	FALSE
0,071	0,311	0,004	0,011	0,131	FALSE
0,060	0,300	0,002	0,009	0,079	FALSE
0,106	0,313	0,003	0,010	0,130	FALSE
0,011	0,296	0,000	0,009	0,009	FALSE
0,013	0,309	0,000	0,009	0,000	FALSE
0,101	0,311	0,002	0,007	0,110	FALSE
-0,017	0,298	-0,001	0,010	0,021	FALSE
-0,066	0,314	-0,001	0,009	0,046	FALSE
-0,089	0,288	-0,002	0,008	0,122	FALSE
-0,046	0,309	-0,002	0,011	0,061	FALSE
-0,047	0,317	-0,002	0,011	0,067	FALSE
0,103	0,299	0,002	0,007	0,110	FALSE
-0,091	0,289	-0,002	0,010	0,083	FALSE
0,060	0,318	0,002	0,009	0,086	FALSE
-0,085	0,308	-0,002	0,007	0,099	FALSE
0,042	0,312	0,001	0,007	0,074	FALSE
0,042	0,319	0,002	0,011	0,052	FALSE
-0,137	0,302	-0,004	0,009	0,177	FALSE
-0,089	0,302	-0,003	0,010	0,112	FALSE
-0,008	0,308	0,001	0,009	0,037	FALSE
-0,061	0,319	-0,002	0,012	0,062	FALSE
-0,030	0,294	-0,001	0,009	0,030	FALSE
-0,026	0,307	-0,001	0,009	0,019	FALSE

0,119	0,307	0,005	0,012	0,165	FALSE
-0,195	0,298	-0,007	0,011	0,291	FALSE
-0,083	0,319	-0,003	0,013	0,097	FALSE
-0,027	0,316	-0,001	0,006	0,035	FALSE
0,086	0,280	0,003	0,012	0,109	FALSE
-0,083	0,297	-0,003	0,012	0,111	FALSE
0,082	0,296	0,002	0,008	0,128	FALSE
0,047	0,310	0,001	0,007	0,075	FALSE
0,035	0,312	0,001	0,008	0,061	FALSE
-0,056	0,298	-0,001	0,007	0,065	FALSE
-0,032	0,292	-0,003	0,011	0,095	FALSE
-0,089	0,299	-0,002	0,007	0,139	FALSE
-0,076	0,308	-0,002	0,007	0,094	FALSE
-0,092	0,308	-0,004	0,013	0,126	FALSE
-0,157	0,293	-0,005	0,008	0,251	FALSE
0,166	0,291	0,007	0,012	0,263	FALSE
-0,080	0,315	-0,003	0,010	0,104	FALSE
0,071	0,297	0,001	0,010	0,045	FALSE
0,168	0,300	0,007	0,013	0,234	FALSE
-0,090	0,307	-0,002	0,007	0,118	FALSE
-0,107	0,294	-0,002	0,006	0,128	FALSE
-0,188	0,290	-0,006	0,010	0,254	FALSE
0,113	0,295	0,006	0,012	0,211	FALSE
0,129	0,296	0,006	0,012	0,224	FALSE
0,115	0,302	0,006	0,012	0,202	FALSE
-0,097	0,313	-0,005	0,012	0,171	FALSE
0,048	0,305	0,001	0,011	0,048	FALSE
0,026	0,305	0,002	0,013	0,070	FALSE
-0,055	0,304	0,000	0,006	0,022	FALSE
-0,021	0,300	-0,001	0,009	0,060	FALSE
-0,062	0,305	-0,001	0,011	0,049	FALSE
-0,077	0,293	-0,002	0,006	0,090	FALSE
0,006	0,312	0,000	0,010	0,003	FALSE
0,048	0,309	0,001	0,006	0,041	FALSE
0,079	0,315	0,002	0,007	0,094	FALSE
0,056	0,321	0,002	0,007	0,080	FALSE
0,117	0,301	0,004	0,009	0,163	FALSE
-0,080	0,296	-0,003	0,010	0,092	FALSE
-0,048	0,297	-0,001	0,008	0,036	FALSE
0,028	0,289	0,001	0,006	0,044	FALSE
-0,019	0,314	-0,001	0,012	0,022	FALSE
-0,072	0,315	-0,003	0,012	0,087	FALSE
-0,043	0,318	-0,001	0,008	0,052	FALSE
-0,053	0,309	-0,001	0,007	0,070	FALSE
-0,097	0,299	-0,004	0,010	0,157	FALSE
-0,109	0,310	-0,003	0,009	0,134	FALSE
-0,092	0,303	-0,003	0,011	0,109	FALSE
0,087	0,296	0,003	0,010	0,106	FALSE
-0,120	0,310	-0,002	0,007	0,143	FALSE
-0,152	0,285	-0,005	0,009	0,227	FALSE
-0,173	0,300	-0,006	0,010	0,253	FALSE
-0,023	0,300	-0,001	0,008	0,062	FALSE
0,134	0,303	0,004	0,009	0,213	FALSE

-0,024	0,302	-0,001	0,007	0,044	FALSE
0,063	0,306	0,003	0,011	0,084	FALSE
0,043	0,306	0,001	0,011	0,043	FALSE
-0,088	0,298	-0,002	0,006	0,134	FALSE
0,045	0,301	0,001	0,007	0,057	FALSE
0,014	0,320	0,000	0,006	0,007	FALSE
-0,071	0,304	-0,002	0,007	0,122	FALSE
-0,077	0,305	-0,002	0,008	0,112	FALSE
-0,073	0,303	-0,003	0,010	0,110	FALSE
-0,102	0,315	-0,005	0,012	0,152	FALSE
-0,155	0,302	-0,004	0,008	0,215	FALSE
-0,042	0,293	-0,001	0,011	0,048	FALSE
-0,042	0,303	-0,001	0,007	0,055	FALSE
0,151	0,306	0,005	0,010	0,206	FALSE
0,160	0,299	0,005	0,008	0,269	FALSE
0,212	0,291	0,007	0,010	0,324	FALSE
-0,092	0,301	-0,003	0,011	0,119	FALSE
0,182	0,296	0,007	0,011	0,279	FALSE
0,053	0,289	0,001	0,009	0,057	FALSE
-0,076	0,305	-0,002	0,011	0,076	FALSE
-0,031	0,305	-0,001	0,011	0,048	FALSE
-0,055	0,288	-0,002	0,012	0,075	FALSE
0,068	0,296	0,002	0,009	0,074	FALSE
0,015	0,307	0,001	0,012	0,038	FALSE
0,018	0,302	0,000	0,010	0,005	FALSE
-0,002	0,285	0,001	0,011	0,049	FALSE
0,017	0,311	0,000	0,006	0,014	FALSE
0,113	0,308	0,003	0,008	0,154	FALSE
-0,116	0,304	-0,005	0,011	0,178	FALSE
0,048	0,305	0,001	0,006	0,045	FALSE
-0,122	0,299	-0,007	0,013	0,217	FALSE
0,038	0,315	0,001	0,010	0,052	FALSE
0,037	0,308	0,001	0,007	0,059	FALSE
0,020	0,310	0,001	0,011	0,019	FALSE
-0,177	0,300	-0,007	0,010	0,280	FALSE
-0,008	0,312	0,000	0,007	0,019	FALSE
-0,013	0,292	-0,001	0,009	0,029	FALSE
-0,023	0,301	-0,001	0,009	0,037	FALSE
-0,141	0,299	-0,005	0,011	0,217	FALSE
-0,156	0,304	-0,005	0,010	0,229	FALSE
-0,116	0,320	-0,003	0,007	0,136	FALSE
0,026	0,310	0,001	0,011	0,024	FALSE
-0,013	0,309	0,000	0,007	0,015	FALSE
0,045	0,303	0,002	0,013	0,053	FALSE
0,038	0,316	0,001	0,013	0,028	FALSE
0,061	0,302	0,003	0,011	0,098	FALSE
0,107	0,301	0,005	0,012	0,188	FALSE
0,088	0,311	0,003	0,009	0,136	FALSE
0,035	0,292	0,001	0,012	0,020	FALSE
0,043	0,292	0,001	0,008	0,063	FALSE
-0,133	0,297	-0,003	0,006	0,193	FALSE
-0,097	0,306	-0,003	0,008	0,160	FALSE
0,118	0,310	0,003	0,007	0,164	FALSE

-0,083	0,305	-0,002	0,008	0,083	FALSE
-0,061	0,313	-0,003	0,011	0,095	FALSE
-0,047	0,316	-0,002	0,011	0,074	FALSE
0,012	0,309	0,000	0,007	0,022	FALSE
-0,038	0,315	-0,001	0,009	0,054	FALSE
0,057	0,293	0,001	0,007	0,075	FALSE
0,056	0,306	0,003	0,011	0,089	FALSE
0,085	0,307	0,003	0,007	0,147	FALSE
0,014	0,301	0,000	0,011	0,003	FALSE
-0,056	0,307	-0,001	0,007	0,041	FALSE
-0,118	0,309	-0,003	0,006	0,162	FALSE
-0,108	0,309	-0,002	0,006	0,132	FALSE
0,128	0,287	0,003	0,007	0,201	FALSE
0,012	0,321	0,000	0,010	0,003	FALSE
-0,062	0,322	-0,002	0,010	0,085	FALSE
0,045	0,315	0,001	0,007	0,044	FALSE
0,097	0,307	0,003	0,010	0,115	FALSE
-0,209	0,280	-0,008	0,011	0,330	FALSE
-0,101	0,298	-0,003	0,007	0,165	FALSE
-0,100	0,306	-0,002	0,006	0,151	FALSE
-0,106	0,307	-0,002	0,007	0,138	FALSE
0,123	0,305	0,003	0,008	0,175	FALSE
0,119	0,297	0,003	0,008	0,167	FALSE
0,040	0,305	0,002	0,011	0,073	FALSE
-0,085	0,303	-0,002	0,007	0,125	FALSE
-0,077	0,308	-0,003	0,012	0,093	FALSE
0,037	0,310	0,001	0,008	0,045	FALSE
0,168	0,311	0,003	0,007	0,209	FALSE
0,090	0,304	0,003	0,011	0,107	FALSE
0,057	0,313	0,002	0,010	0,061	FALSE
-0,026	0,307	-0,001	0,011	0,034	FALSE
0,016	0,304	0,000	0,010	0,004	FALSE
-0,025	0,308	-0,001	0,011	0,025	FALSE
-0,036	0,303	-0,001	0,007	0,048	FALSE
-0,048	0,315	-0,002	0,011	0,058	FALSE
0,046	0,296	0,001	0,013	0,034	FALSE
0,022	0,289	0,002	0,009	0,078	FALSE
-0,048	0,300	-0,001	0,006	0,065	FALSE
0,061	0,305	0,002	0,011	0,058	FALSE
0,054	0,294	0,002	0,011	0,059	FALSE
0,006	0,301	0,002	0,012	0,050	FALSE
0,025	0,306	0,001	0,009	0,029	FALSE
-0,060	0,293	-0,003	0,012	0,079	FALSE
0,055	0,299	0,001	0,009	0,057	FALSE
-0,022	0,300	-0,001	0,011	0,020	FALSE
-0,071	0,300	-0,002	0,009	0,091	FALSE
-0,006	0,297	-0,001	0,013	0,032	FALSE
0,006	0,292	-0,001	0,012	0,020	FALSE
0,031	0,307	0,002	0,011	0,061	FALSE
-0,113	0,302	-0,003	0,008	0,131	FALSE
-0,155	0,302	-0,003	0,008	0,187	FALSE
0,129	0,303	0,004	0,010	0,141	FALSE
-0,080	0,311	-0,002	0,009	0,095	FALSE

-0,102	0,302	-0,003	0,009	0,126	FALSE
-0,059	0,293	-0,002	0,007	0,092	FALSE
0,039	0,306	0,001	0,012	0,034	FALSE
0,063	0,309	0,002	0,012	0,076	FALSE
0,050	0,314	0,001	0,012	0,043	FALSE
-0,061	0,304	-0,002	0,008	0,080	FALSE
0,092	0,311	0,003	0,012	0,098	FALSE
0,041	0,292	0,001	0,006	0,070	FALSE
-0,046	0,301	-0,001	0,008	0,061	FALSE
-0,028	0,301	-0,001	0,012	0,039	FALSE
-0,069	0,306	-0,004	0,012	0,122	FALSE
-0,013	0,312	-0,001	0,012	0,028	FALSE
-0,044	0,300	-0,002	0,010	0,062	FALSE
-0,004	0,311	0,000	0,008	0,005	FALSE
0,080	0,303	0,002	0,007	0,116	FALSE
0,087	0,303	0,002	0,007	0,116	FALSE
-0,066	0,314	-0,002	0,007	0,096	FALSE
-0,114	0,302	-0,004	0,010	0,166	FALSE
0,107	0,312	0,003	0,007	0,150	FALSE
0,025	0,309	0,001	0,013	0,037	FALSE
-0,051	0,296	-0,002	0,008	0,079	FALSE
-0,097	0,310	-0,002	0,007	0,150	FALSE
0,005	0,304	0,001	0,011	0,017	FALSE
0,015	0,312	0,000	0,007	0,005	FALSE
-0,091	0,319	-0,002	0,008	0,099	FALSE
-0,007	0,316	-0,001	0,007	0,025	FALSE
0,064	0,304	0,001	0,006	0,081	FALSE
-0,029	0,306	-0,001	0,009	0,033	FALSE
0,036	0,305	0,002	0,011	0,059	FALSE
0,127	0,307	0,004	0,012	0,143	FALSE
0,123	0,309	0,005	0,013	0,159	FALSE
0,028	0,318	0,001	0,008	0,031	FALSE
-0,067	0,306	-0,003	0,013	0,089	FALSE
0,052	0,306	0,002	0,010	0,090	FALSE
0,005	0,303	-0,001	0,012	0,018	FALSE
0,071	0,310	0,003	0,012	0,081	FALSE
0,051	0,307	0,002	0,008	0,083	FALSE
-0,085	0,304	-0,002	0,006	0,106	FALSE
-0,017	0,314	0,000	0,010	0,004	FALSE
-0,047	0,318	-0,001	0,007	0,052	FALSE
-0,057	0,296	-0,002	0,007	0,080	FALSE
-0,054	0,302	-0,002	0,010	0,079	FALSE
0,054	0,296	0,002	0,009	0,076	FALSE
-0,065	0,316	-0,003	0,013	0,076	FALSE
-0,131	0,314	-0,003	0,007	0,168	FALSE
0,029	0,305	0,001	0,009	0,030	FALSE
-0,133	0,294	-0,004	0,011	0,151	FALSE
-0,021	0,311	-0,001	0,006	0,039	FALSE
-0,036	0,309	-0,001	0,007	0,067	FALSE
0,058	0,319	0,002	0,012	0,065	FALSE
0,044	0,301	0,002	0,007	0,087	FALSE
-0,088	0,313	-0,002	0,009	0,105	FALSE
-0,002	0,304	-0,001	0,008	0,029	FALSE

-0,082	0,311	-0,002	0,008	0,114	FALSE
0,061	0,311	0,002	0,009	0,060	FALSE
0,078	0,297	0,003	0,012	0,089	FALSE
0,089	0,311	0,003	0,012	0,097	FALSE
0,007	0,299	0,000	0,006	0,010	FALSE
-0,057	0,303	-0,001	0,007	0,059	FALSE
0,040	0,299	0,001	0,010	0,056	FALSE
-0,023	0,320	-0,001	0,011	0,035	FALSE
0,155	0,313	0,004	0,008	0,225	FALSE
0,147	0,291	0,005	0,010	0,240	FALSE
-0,076	0,312	-0,003	0,011	0,123	FALSE
0,016	0,302	0,001	0,006	0,045	FALSE
-0,048	0,324	-0,002	0,013	0,049	FALSE
-0,024	0,317	0,000	0,012	0,013	FALSE
-0,160	0,300	-0,004	0,007	0,223	FALSE
0,048	0,314	0,001	0,009	0,064	FALSE
-0,105	0,285	-0,004	0,012	0,149	FALSE
-0,284	0,291	-0,011	0,012	0,488	FALSE
0,060	0,313	0,003	0,011	0,094	FALSE
-0,090	0,310	-0,003	0,010	0,113	FALSE
-0,083	0,299	-0,004	0,010	0,143	FALSE
0,018	0,317	0,001	0,012	0,034	FALSE
-0,159	0,311	-0,007	0,013	0,252	FALSE
0,001	0,306	0,000	0,008	0,012	FALSE
-0,132	0,303	-0,006	0,012	0,213	FALSE
0,007	0,312	0,000	0,009	0,006	FALSE
-0,040	0,299	-0,002	0,013	0,050	FALSE
0,020	0,299	0,001	0,008	0,032	FALSE
0,050	0,309	0,002	0,011	0,074	FALSE
0,046	0,302	0,001	0,007	0,065	FALSE
0,000	0,322	0,000	0,009	0,005	FALSE
0,000	0,305	0,000	0,009	0,009	FALSE
0,041	0,311	0,002	0,013	0,045	FALSE
0,013	0,298	0,000	0,012	0,002	FALSE
0,003	0,301	0,000	0,011	0,009	FALSE
-0,012	0,319	-0,001	0,008	0,030	FALSE
0,043	0,313	0,001	0,009	0,034	FALSE
0,113	0,309	0,003	0,008	0,156	FALSE
-0,046	0,321	0,000	0,006	0,024	FALSE
0,004	0,304	0,001	0,007	0,036	FALSE
0,000	0,319	-0,001	0,011	0,019	FALSE
-0,001	0,322	-0,001	0,012	0,027	FALSE
0,081	0,314	0,003	0,013	0,085	FALSE
0,002	0,312	0,000	0,012	0,011	FALSE
-0,011	0,304	0,000	0,011	0,013	FALSE
-0,089	0,313	-0,003	0,011	0,106	FALSE
-0,073	0,316	-0,003	0,011	0,088	FALSE
-0,016	0,306	0,000	0,008	0,015	FALSE
0,032	0,314	0,003	0,012	0,093	FALSE
0,010	0,314	0,000	0,008	0,005	FALSE
0,009	0,295	0,000	0,010	0,009	FALSE
0,081	0,296	0,003	0,012	0,086	FALSE
-0,002	0,313	0,000	0,007	0,008	FALSE

-0,193	0,302	-0,007	0,011	0,287	FALSE
0,014	0,300	0,000	0,012	0,003	FALSE
-0,032	0,313	-0,001	0,007	0,030	FALSE
-0,028	0,305	0,000	0,007	0,025	FALSE
-0,025	0,307	-0,001	0,012	0,016	FALSE
0,001	0,307	0,000	0,007	0,016	FALSE
0,056	0,305	0,001	0,007	0,065	FALSE
0,001	0,310	0,000	0,011	0,011	FALSE
0,100	0,309	0,004	0,010	0,148	FALSE
-0,052	0,309	-0,003	0,013	0,087	FALSE
0,096	0,311	0,002	0,007	0,097	FALSE
-0,004	0,293	0,000	0,007	0,022	FALSE
-0,023	0,306	-0,002	0,013	0,060	FALSE
-0,046	0,322	-0,001	0,013	0,030	FALSE
-0,052	0,300	-0,003	0,012	0,092	FALSE
0,065	0,301	0,002	0,008	0,089	FALSE
0,034	0,286	0,001	0,012	0,029	FALSE
0,153	0,311	0,003	0,007	0,204	FALSE
-0,125	0,308	-0,004	0,010	0,173	FALSE
-0,072	0,311	-0,001	0,008	0,065	FALSE
0,012	0,309	0,000	0,011	0,008	FALSE
-0,023	0,308	0,000	0,009	0,010	FALSE
-0,068	0,306	-0,002	0,010	0,057	FALSE
-0,017	0,322	-0,001	0,007	0,042	FALSE
-0,027	0,294	0,000	0,009	0,006	FALSE
-0,062	0,315	-0,002	0,007	0,111	FALSE
0,102	0,310	0,003	0,010	0,125	FALSE
0,062	0,303	0,001	0,011	0,042	FALSE
0,067	0,316	0,002	0,010	0,068	FALSE
0,025	0,309	0,001	0,010	0,039	FALSE
0,044	0,307	0,002	0,010	0,059	FALSE
0,083	0,323	0,002	0,011	0,084	FALSE
-0,102	0,302	-0,005	0,012	0,174	FALSE
-0,006	0,309	-0,001	0,009	0,020	FALSE
-0,089	0,310	-0,002	0,008	0,094	FALSE
-0,050	0,303	-0,002	0,009	0,075	FALSE
0,157	0,304	0,003	0,006	0,215	FALSE
-0,111	0,320	-0,002	0,007	0,132	FALSE
-0,165	0,291	-0,005	0,010	0,224	FALSE
0,122	0,306	0,003	0,010	0,139	FALSE
0,069	0,312	0,002	0,011	0,061	FALSE
0,019	0,309	0,000	0,012	0,011	FALSE
0,048	0,306	0,003	0,011	0,098	FALSE
0,055	0,308	0,001	0,007	0,034	FALSE
-0,045	0,293	-0,001	0,006	0,030	FALSE
0,091	0,319	0,004	0,013	0,114	FALSE
0,024	0,306	0,000	0,012	0,011	FALSE
-0,035	0,319	-0,002	0,013	0,049	FALSE
-0,075	0,306	-0,004	0,013	0,110	FALSE
-0,031	0,319	-0,001	0,007	0,025	FALSE
0,051	0,313	0,001	0,009	0,044	FALSE
-0,123	0,311	-0,004	0,011	0,158	FALSE
0,197	0,296	0,005	0,008	0,297	FALSE

0,085	0,294	0,003	0,009	0,115	FALSE
-0,002	0,318	0,000	0,008	0,005	FALSE
0,090	0,319	0,003	0,012	0,093	FALSE
-0,048	0,294	-0,002	0,011	0,051	FALSE
0,012	0,313	0,000	0,010	0,009	FALSE
-0,008	0,295	0,000	0,006	0,013	FALSE
-0,036	0,322	-0,001	0,007	0,061	FALSE
0,028	0,304	0,001	0,011	0,041	FALSE
0,049	0,307	0,002	0,009	0,075	FALSE
0,023	0,295	0,000	0,006	0,005	FALSE
-0,060	0,297	-0,001	0,006	0,077	FALSE
0,074	0,289	0,002	0,007	0,086	FALSE
-0,022	0,302	-0,001	0,009	0,045	FALSE
0,000	0,309	-0,001	0,012	0,018	FALSE
-0,169	0,312	-0,004	0,009	0,203	FALSE
-0,066	0,302	-0,003	0,009	0,133	FALSE
-0,053	0,308	-0,002	0,013	0,051	FALSE
-0,011	0,307	0,000	0,007	0,007	FALSE
-0,064	0,301	-0,002	0,008	0,091	FALSE
-0,055	0,296	-0,001	0,008	0,063	FALSE
-0,152	0,291	-0,006	0,010	0,244	FALSE
-0,008	0,310	0,000	0,012	0,014	FALSE
-0,010	0,312	0,000	0,012	0,013	FALSE
-0,004	0,295	0,000	0,012	0,005	FALSE
-0,040	0,322	-0,001	0,007	0,041	FALSE
-0,084	0,311	-0,002	0,007	0,096	FALSE
-0,012	0,306	0,000	0,006	0,020	FALSE
0,007	0,309	0,000	0,007	0,007	FALSE
0,108	0,300	0,003	0,011	0,110	FALSE
-0,008	0,307	0,000	0,006	0,009	FALSE
0,019	0,303	0,000	0,006	0,009	FALSE
-0,138	0,309	-0,003	0,006	0,178	FALSE
-0,084	0,301	-0,003	0,012	0,107	FALSE
-0,087	0,289	-0,004	0,012	0,128	FALSE
0,054	0,306	0,002	0,009	0,068	FALSE
-0,073	0,295	-0,002	0,011	0,076	FALSE
0,142	0,296	0,004	0,008	0,220	FALSE
0,130	0,291	0,003	0,006	0,199	FALSE
0,183	0,289	0,006	0,008	0,342	FALSE
-0,102	0,307	-0,003	0,007	0,139	FALSE
-0,080	0,297	-0,002	0,008	0,114	FALSE
0,003	0,304	0,000	0,011	0,005	FALSE
-0,006	0,307	-0,001	0,011	0,025	FALSE
0,136	0,304	0,003	0,008	0,173	FALSE
-0,004	0,302	-0,001	0,010	0,022	FALSE
0,141	0,292	0,003	0,008	0,175	FALSE
-0,082	0,307	-0,003	0,012	0,111	FALSE
-0,061	0,315	-0,003	0,012	0,079	FALSE
0,037	0,311	0,002	0,010	0,061	FALSE
0,011	0,315	0,001	0,011	0,025	FALSE
-0,011	0,305	0,000	0,007	0,014	FALSE
0,054	0,312	0,002	0,010	0,078	FALSE
-0,057	0,301	-0,001	0,007	0,074	FALSE

-0,049	0,313	-0,001	0,007	0,069	FALSE
-0,064	0,303	-0,003	0,012	0,085	FALSE
-0,037	0,330	-0,001	0,010	0,038	FALSE
-0,020	0,303	0,000	0,012	0,007	FALSE
-0,056	0,299	-0,003	0,011	0,105	FALSE
-0,040	0,321	0,000	0,007	0,023	FALSE
0,091	0,287	0,004	0,011	0,150	FALSE
0,060	0,317	0,002	0,013	0,055	FALSE
-0,022	0,295	-0,001	0,010	0,031	FALSE
0,056	0,309	0,002	0,010	0,058	FALSE
-0,031	0,302	-0,001	0,010	0,037	FALSE
-0,073	0,314	-0,002	0,011	0,070	FALSE
0,017	0,319	0,001	0,010	0,017	FALSE
0,059	0,307	0,001	0,009	0,045	FALSE
0,020	0,305	0,000	0,008	0,009	FALSE
-0,003	0,321	0,000	0,012	0,008	FALSE
0,082	0,300	0,002	0,007	0,128	FALSE
0,012	0,323	0,001	0,007	0,029	FALSE
0,057	0,304	0,001	0,006	0,085	FALSE
0,019	0,310	0,001	0,008	0,056	FALSE
0,009	0,316	0,000	0,007	0,007	FALSE
0,056	0,309	0,001	0,010	0,045	FALSE
0,144	0,299	0,005	0,008	0,246	FALSE
0,045	0,307	0,001	0,006	0,031	FALSE
0,017	0,317	0,001	0,012	0,015	FALSE
-0,039	0,310	-0,002	0,010	0,077	FALSE
-0,023	0,318	0,000	0,011	0,002	FALSE
0,031	0,312	0,000	0,012	0,010	FALSE
0,000	0,303	0,000	0,010	0,014	FALSE
0,067	0,318	0,003	0,012	0,095	FALSE
-0,180	0,311	-0,006	0,012	0,227	FALSE
0,127	0,289	0,004	0,007	0,205	FALSE
-0,046	0,297	-0,002	0,011	0,068	FALSE
0,092	0,308	0,002	0,010	0,079	FALSE
-0,058	0,306	-0,003	0,011	0,103	FALSE
-0,074	0,310	-0,003	0,011	0,123	FALSE
-0,059	0,320	-0,003	0,011	0,088	FALSE
0,066	0,323	0,001	0,009	0,054	FALSE
0,093	0,292	0,002	0,008	0,102	FALSE
0,094	0,316	0,003	0,009	0,109	FALSE
0,113	0,304	0,003	0,009	0,140	FALSE
-0,011	0,308	-0,001	0,010	0,037	FALSE
-0,087	0,298	-0,003	0,011	0,112	FALSE
0,028	0,308	0,001	0,009	0,048	FALSE
-0,028	0,305	0,000	0,011	0,009	FALSE
-0,058	0,305	-0,002	0,012	0,072	FALSE
0,051	0,317	0,002	0,013	0,064	FALSE
0,056	0,286	0,001	0,008	0,065	FALSE
-0,057	0,305	-0,002	0,006	0,096	FALSE
-0,074	0,314	-0,002	0,007	0,113	FALSE
-0,047	0,304	-0,001	0,008	0,030	FALSE
-0,060	0,306	-0,002	0,011	0,067	FALSE
-0,131	0,308	-0,005	0,012	0,183	FALSE

0,197	0,308	0,008	0,012	0,268	FALSE
-0,034	0,301	-0,002	0,010	0,075	FALSE
0,019	0,309	0,000	0,009	0,003	FALSE
0,034	0,313	0,001	0,008	0,036	FALSE
-0,070	0,321	-0,001	0,008	0,067	FALSE
0,118	0,299	0,004	0,010	0,160	FALSE
-0,083	0,299	-0,002	0,012	0,059	FALSE
-0,152	0,300	-0,004	0,009	0,192	FALSE
-0,155	0,315	-0,007	0,012	0,224	FALSE
-0,138	0,308	-0,005	0,012	0,150	TRUE
0,126	0,301	0,003	0,008	0,189	FALSE
0,125	0,312	0,003	0,008	0,184	FALSE
0,144	0,304	0,004	0,009	0,210	FALSE
-0,142	0,292	-0,006	0,012	0,198	FALSE
-0,086	0,305	-0,003	0,012	0,106	FALSE
0,006	0,305	0,000	0,010	0,005	FALSE
0,050	0,312	0,000	0,006	0,027	FALSE
-0,008	0,310	0,000	0,008	0,004	FALSE
0,017	0,309	0,001	0,011	0,034	FALSE
-0,051	0,304	-0,002	0,009	0,106	FALSE
0,043	0,315	0,002	0,013	0,057	FALSE
0,080	0,311	0,004	0,010	0,153	FALSE
-0,124	0,307	-0,004	0,008	0,176	FALSE
-0,032	0,300	0,000	0,007	0,017	FALSE
0,017	0,299	0,000	0,006	0,001	FALSE
-0,024	0,306	-0,001	0,013	0,019	FALSE
-0,005	0,300	0,000	0,012	0,006	FALSE
-0,033	0,299	-0,001	0,006	0,033	FALSE
0,062	0,307	0,002	0,009	0,095	FALSE
0,033	0,304	0,001	0,009	0,052	FALSE
-0,008	0,311	0,000	0,012	0,011	FALSE
-0,045	0,300	-0,001	0,008	0,064	FALSE
0,111	0,299	0,003	0,011	0,121	FALSE
-0,088	0,302	-0,001	0,006	0,086	FALSE
-0,008	0,312	0,001	0,013	0,034	FALSE
-0,006	0,322	0,000	0,011	0,007	FALSE
-0,036	0,300	-0,001	0,009	0,040	FALSE
0,118	0,293	0,007	0,013	0,231	FALSE
-0,036	0,295	-0,003	0,012	0,090	FALSE
0,068	0,304	0,002	0,008	0,106	FALSE
0,140	0,304	0,003	0,007	0,171	FALSE
0,140	0,298	0,004	0,008	0,172	FALSE
0,040	0,303	0,001	0,011	0,041	FALSE
-0,051	0,280	-0,001	0,007	0,036	FALSE
0,082	0,301	0,003	0,012	0,111	FALSE
0,133	0,304	0,005	0,010	0,198	FALSE
0,143	0,301	0,005	0,011	0,213	FALSE
0,010	0,320	0,000	0,009	0,019	FALSE
0,142	0,297	0,006	0,011	0,218	FALSE
0,086	0,306	0,004	0,012	0,138	FALSE
0,065	0,316	0,002	0,010	0,082	FALSE
-0,105	0,314	-0,002	0,007	0,120	FALSE
-0,011	0,311	0,000	0,009	0,013	FALSE

-0,072	0,307	-0,003	0,012	0,089	FALSE
-0,132	0,305	-0,006	0,013	0,178	FALSE
0,023	0,305	0,001	0,011	0,029	FALSE
-0,034	0,294	-0,001	0,006	0,038	FALSE
-0,069	0,316	-0,002	0,009	0,074	FALSE
-0,023	0,314	-0,001	0,010	0,035	FALSE
0,030	0,300	0,001	0,011	0,032	FALSE
0,024	0,307	0,001	0,011	0,019	FALSE
0,169	0,295	0,004	0,007	0,267	FALSE
0,171	0,301	0,004	0,007	0,265	FALSE
0,221	0,300	0,005	0,006	0,360	FALSE
-0,042	0,296	-0,001	0,008	0,030	FALSE
-0,043	0,305	-0,001	0,006	0,068	FALSE
0,010	0,293	0,001	0,012	0,030	FALSE
0,050	0,305	0,001	0,010	0,044	FALSE
-0,054	0,311	-0,002	0,010	0,070	FALSE
-0,001	0,307	0,000	0,012	0,010	FALSE
0,112	0,313	0,003	0,007	0,155	FALSE
-0,019	0,300	-0,001	0,009	0,041	FALSE
0,004	0,307	0,000	0,011	0,015	FALSE
-0,029	0,313	-0,001	0,012	0,047	FALSE
0,018	0,305	0,001	0,012	0,021	FALSE
0,080	0,300	0,003	0,012	0,106	FALSE
-0,103	0,302	-0,003	0,007	0,156	FALSE
0,082	0,304	0,002	0,006	0,111	FALSE
-0,040	0,303	-0,003	0,012	0,082	FALSE
-0,058	0,317	-0,002	0,010	0,098	FALSE
0,019	0,317	0,001	0,011	0,029	FALSE
0,015	0,303	0,000	0,011	0,001	FALSE
-0,038	0,307	-0,001	0,008	0,062	FALSE
-0,007	0,317	-0,001	0,009	0,026	FALSE
-0,083	0,305	-0,003	0,010	0,112	FALSE
-0,061	0,317	-0,002	0,007	0,094	FALSE
-0,026	0,293	-0,002	0,012	0,047	FALSE
-0,025	0,295	-0,001	0,007	0,034	FALSE
0,169	0,300	0,006	0,011	0,230	FALSE
0,090	0,300	0,002	0,007	0,102	FALSE
0,056	0,315	0,001	0,007	0,052	FALSE
0,057	0,320	0,001	0,008	0,042	FALSE
0,102	0,306	0,003	0,008	0,138	FALSE
0,055	0,305	0,002	0,012	0,057	FALSE
-0,088	0,319	-0,003	0,011	0,086	FALSE
0,093	0,295	0,002	0,006	0,099	FALSE
-0,125	0,308	-0,005	0,012	0,151	FALSE
0,002	0,310	-0,001	0,011	0,025	FALSE
0,040	0,312	0,001	0,012	0,018	FALSE
-0,074	0,304	-0,003	0,009	0,132	FALSE
0,095	0,304	0,002	0,009	0,097	FALSE
0,058	0,303	0,001	0,009	0,045	FALSE
-0,009	0,301	0,000	0,007	0,008	FALSE
0,055	0,304	0,001	0,008	0,067	FALSE
0,018	0,305	0,001	0,011	0,017	FALSE
-0,019	0,302	-0,001	0,008	0,056	FALSE

0,003	0,322	0,000	0,010	0,012	FALSE
-0,005	0,316	0,001	0,013	0,019	FALSE
-0,053	0,307	-0,003	0,012	0,084	FALSE
0,071	0,319	0,003	0,008	0,131	FALSE
0,070	0,294	0,003	0,011	0,093	FALSE
0,031	0,293	0,001	0,010	0,044	FALSE
-0,018	0,303	0,000	0,008	0,021	FALSE
0,006	0,302	0,000	0,008	0,009	FALSE
-0,091	0,310	-0,004	0,012	0,114	FALSE
0,095	0,329	0,004	0,010	0,154	FALSE
-0,056	0,307	-0,001	0,006	0,067	FALSE
0,084	0,287	0,003	0,007	0,142	FALSE
0,037	0,307	0,001	0,006	0,035	FALSE
0,039	0,298	0,001	0,007	0,076	FALSE
-0,003	0,309	-0,001	0,008	0,023	FALSE
-0,010	0,311	-0,001	0,012	0,018	FALSE
-0,051	0,306	-0,001	0,007	0,047	FALSE
0,055	0,304	0,001	0,006	0,061	FALSE
0,010	0,314	0,001	0,009	0,023	FALSE
-0,106	0,306	-0,004	0,011	0,146	FALSE
0,082	0,309	0,003	0,012	0,116	FALSE
-0,185	0,310	-0,007	0,011	0,277	FALSE
0,046	0,303	0,002	0,010	0,064	FALSE
0,119	0,315	0,002	0,006	0,121	FALSE
-0,033	0,296	-0,002	0,012	0,063	FALSE
-0,043	0,314	-0,001	0,008	0,063	FALSE
-0,003	0,306	0,000	0,011	0,015	FALSE
0,107	0,310	0,003	0,007	0,160	FALSE
0,004	0,312	0,001	0,011	0,035	FALSE
0,048	0,318	0,001	0,008	0,068	FALSE
0,029	0,308	0,001	0,008	0,052	FALSE
0,060	0,297	0,002	0,007	0,083	FALSE
-0,019	0,314	0,000	0,008	0,003	FALSE
0,103	0,314	0,003	0,011	0,116	FALSE
-0,102	0,302	-0,002	0,007	0,134	FALSE
0,075	0,310	0,002	0,007	0,090	FALSE
-0,028	0,301	-0,001	0,012	0,028	FALSE
0,056	0,311	0,002	0,013	0,058	FALSE
-0,084	0,293	-0,004	0,012	0,123	FALSE
-0,083	0,302	-0,003	0,011	0,109	FALSE
-0,077	0,301	-0,003	0,011	0,098	FALSE
-0,082	0,294	-0,004	0,011	0,153	FALSE
0,148	0,305	0,003	0,006	0,176	FALSE
0,077	0,326	0,001	0,007	0,069	FALSE
0,035	0,311	0,001	0,006	0,065	FALSE
-0,049	0,304	-0,001	0,007	0,056	FALSE
-0,069	0,304	-0,001	0,007	0,076	FALSE
0,008	0,310	0,000	0,008	0,006	FALSE
0,088	0,303	0,002	0,008	0,118	FALSE
0,031	0,298	0,002	0,012	0,057	FALSE
0,081	0,295	0,004	0,012	0,130	FALSE
-0,045	0,306	-0,001	0,009	0,037	FALSE
-0,058	0,309	-0,001	0,009	0,062	FALSE

0,041	0,314	0,001	0,006	0,038	FALSE
-0,012	0,307	-0,001	0,010	0,030	FALSE
0,025	0,294	0,001	0,007	0,047	FALSE
0,048	0,307	0,001	0,008	0,056	FALSE
0,160	0,300	0,003	0,007	0,176	FALSE
-0,125	0,295	-0,004	0,012	0,143	FALSE
-0,108	0,305	-0,002	0,007	0,125	FALSE
0,026	0,300	0,001	0,012	0,019	FALSE
0,056	0,298	0,003	0,010	0,100	FALSE
0,064	0,303	0,002	0,008	0,076	FALSE
0,032	0,310	0,000	0,007	0,025	FALSE
0,095	0,293	0,004	0,012	0,125	FALSE
0,042	0,310	0,001	0,007	0,046	FALSE
0,084	0,304	0,003	0,009	0,143	FALSE
0,038	0,309	0,001	0,012	0,036	FALSE
0,081	0,300	0,003	0,009	0,135	FALSE
0,038	0,304	0,001	0,006	0,064	FALSE
0,026	0,294	0,001	0,009	0,032	FALSE
0,035	0,293	0,002	0,009	0,064	FALSE
0,082	0,296	0,001	0,006	0,078	FALSE
0,017	0,311	0,000	0,007	0,006	FALSE
0,006	0,311	0,002	0,013	0,045	FALSE
-0,005	0,298	0,001	0,012	0,037	FALSE
0,050	0,294	0,001	0,008	0,059	FALSE
0,028	0,308	0,001	0,011	0,048	FALSE
-0,086	0,310	-0,002	0,007	0,129	FALSE
-0,077	0,304	-0,002	0,007	0,116	FALSE
0,014	0,304	0,000	0,008	0,000	FALSE
0,059	0,306	0,003	0,010	0,100	FALSE
0,115	0,302	0,004	0,010	0,176	FALSE
0,115	0,315	0,004	0,010	0,169	FALSE
-0,049	0,298	-0,001	0,007	0,060	FALSE
0,139	0,319	0,006	0,013	0,187	FALSE
-0,047	0,297	-0,001	0,010	0,039	FALSE
-0,107	0,293	-0,002	0,006	0,146	FALSE
0,079	0,298	0,003	0,011	0,110	FALSE
-0,048	0,321	-0,001	0,007	0,042	FALSE
0,010	0,305	0,001	0,007	0,035	FALSE
-0,015	0,303	0,000	0,007	0,019	FALSE
-0,125	0,316	-0,003	0,009	0,139	FALSE
-0,130	0,302	-0,004	0,011	0,174	FALSE
0,042	0,310	0,001	0,008	0,061	FALSE
0,047	0,309	0,001	0,007	0,052	FALSE
0,017	0,313	0,000	0,009	0,018	FALSE
-0,114	0,305	-0,005	0,012	0,158	FALSE
-0,009	0,300	-0,001	0,006	0,039	FALSE
-0,105	0,311	-0,003	0,008	0,151	FALSE
-0,126	0,300	-0,005	0,012	0,181	FALSE
-0,107	0,303	-0,002	0,006	0,134	FALSE
-0,051	0,304	-0,001	0,007	0,041	FALSE
-0,097	0,295	-0,004	0,012	0,120	FALSE
-0,066	0,313	-0,001	0,007	0,053	FALSE
-0,094	0,310	-0,003	0,013	0,103	FALSE

-0,067	0,313	-0,002	0,009	0,097	FALSE
-0,014	0,303	0,000	0,009	0,016	FALSE
0,082	0,310	0,003	0,012	0,099	FALSE
-0,063	0,323	-0,002	0,013	0,058	FALSE
0,042	0,299	0,002	0,011	0,085	FALSE
0,028	0,318	0,001	0,012	0,029	FALSE
-0,033	0,317	-0,001	0,009	0,048	FALSE
-0,033	0,304	-0,001	0,010	0,056	FALSE
-0,016	0,306	-0,001	0,010	0,031	FALSE
-0,057	0,304	-0,002	0,007	0,080	FALSE
-0,046	0,315	-0,001	0,008	0,052	FALSE
-0,145	0,305	-0,003	0,007	0,165	FALSE
0,069	0,303	0,002	0,007	0,092	FALSE
-0,021	0,310	0,000	0,008	0,001	FALSE
0,075	0,291	0,002	0,009	0,093	FALSE
0,119	0,295	0,003	0,012	0,106	FALSE
0,076	0,308	0,002	0,007	0,123	FALSE
-0,022	0,295	-0,001	0,009	0,055	FALSE
0,005	0,309	0,001	0,011	0,020	FALSE
-0,051	0,313	-0,002	0,010	0,073	FALSE
-0,001	0,314	0,000	0,009	0,019	FALSE
0,029	0,324	0,001	0,007	0,032	FALSE
-0,169	0,307	-0,004	0,007	0,246	FALSE
0,071	0,324	0,003	0,010	0,103	FALSE
0,079	0,292	0,003	0,012	0,107	FALSE
0,048	0,304	0,001	0,006	0,044	FALSE
-0,034	0,311	-0,001	0,008	0,043	FALSE
0,058	0,318	0,002	0,010	0,058	FALSE
-0,149	0,306	-0,004	0,008	0,204	FALSE
0,123	0,306	0,004	0,009	0,150	FALSE
0,001	0,311	0,000	0,011	0,008	FALSE
0,060	0,304	0,002	0,010	0,096	FALSE
-0,077	0,307	-0,003	0,011	0,121	FALSE
0,126	0,307	0,003	0,009	0,144	FALSE
0,069	0,309	0,004	0,011	0,135	FALSE
-0,007	0,296	0,001	0,011	0,045	FALSE
0,031	0,307	0,001	0,008	0,043	FALSE
0,045	0,302	0,001	0,008	0,046	FALSE
-0,110	0,304	-0,004	0,012	0,132	FALSE
0,087	0,316	0,003	0,011	0,107	FALSE
-0,043	0,311	-0,001	0,007	0,062	FALSE
0,000	0,290	0,000	0,009	0,007	FALSE
-0,047	0,327	-0,001	0,006	0,048	FALSE
0,078	0,298	0,002	0,007	0,103	FALSE
-0,011	0,304	0,000	0,009	0,009	FALSE
0,004	0,297	0,000	0,008	0,008	FALSE
-0,036	0,305	0,000	0,010	0,014	FALSE
0,135	0,295	0,004	0,009	0,203	FALSE
0,041	0,309	0,003	0,012	0,079	FALSE
-0,007	0,314	0,000	0,012	0,008	FALSE
-0,072	0,316	-0,002	0,006	0,092	FALSE
-0,117	0,307	-0,003	0,007	0,149	FALSE
-0,023	0,313	-0,001	0,011	0,020	FALSE

0,067	0,295	0,002	0,009	0,092	FALSE
0,103	0,308	0,004	0,012	0,143	FALSE
-0,107	0,313	-0,002	0,007	0,118	FALSE
0,124	0,300	0,003	0,007	0,191	FALSE
-0,030	0,313	0,000	0,007	0,016	FALSE
0,154	0,301	0,005	0,010	0,215	FALSE
0,005	0,302	0,000	0,006	0,005	FALSE
-0,026	0,311	0,000	0,007	0,022	FALSE
-0,027	0,316	-0,001	0,012	0,024	FALSE
0,010	0,317	0,001	0,009	0,032	FALSE
0,036	0,312	0,001	0,012	0,019	FALSE
-0,052	0,302	-0,002	0,011	0,083	FALSE
0,093	0,311	0,002	0,007	0,127	FALSE
-0,111	0,304	-0,002	0,009	0,098	FALSE
-0,093	0,308	-0,003	0,012	0,102	FALSE
-0,042	0,299	-0,001	0,008	0,040	FALSE
-0,122	0,305	-0,003	0,008	0,133	FALSE
-0,122	0,305	-0,003	0,007	0,133	FALSE
-0,030	0,312	0,000	0,012	0,012	FALSE
-0,031	0,295	-0,002	0,012	0,072	FALSE
-0,089	0,308	-0,002	0,007	0,142	FALSE
0,053	0,310	0,003	0,011	0,094	FALSE
0,023	0,309	0,001	0,007	0,037	FALSE
-0,008	0,300	-0,001	0,011	0,035	FALSE
0,058	0,298	0,001	0,010	0,054	FALSE
-0,028	0,298	-0,001	0,006	0,048	FALSE
-0,046	0,303	-0,002	0,009	0,062	FALSE
0,030	0,305	0,000	0,009	0,018	FALSE
-0,137	0,301	-0,007	0,012	0,237	FALSE
0,131	0,284	0,005	0,012	0,174	FALSE
-0,043	0,299	-0,002	0,012	0,075	FALSE
-0,024	0,317	-0,001	0,012	0,036	FALSE
0,105	0,292	0,004	0,012	0,128	FALSE
-0,046	0,309	-0,001	0,007	0,035	FALSE
0,016	0,324	0,001	0,007	0,033	FALSE
0,038	0,318	0,002	0,009	0,073	FALSE
-0,023	0,309	-0,001	0,009	0,048	FALSE
-0,007	0,318	-0,001	0,011	0,023	FALSE
0,070	0,298	0,002	0,007	0,099	FALSE
-0,094	0,316	-0,003	0,011	0,123	FALSE
0,029	0,301	0,001	0,011	0,038	FALSE
-0,105	0,313	-0,004	0,010	0,162	FALSE
-0,099	0,315	-0,004	0,010	0,151	FALSE
-0,107	0,306	-0,003	0,007	0,154	FALSE
-0,001	0,309	0,000	0,012	0,003	FALSE
-0,070	0,306	-0,002	0,010	0,078	FALSE
0,159	0,301	0,006	0,012	0,216	FALSE
-0,043	0,315	-0,001	0,007	0,070	FALSE
0,023	0,315	0,001	0,007	0,032	FALSE
0,005	0,300	0,000	0,007	0,022	FALSE
-0,020	0,335	-0,001	0,008	0,035	FALSE
-0,036	0,319	-0,001	0,008	0,027	FALSE
-0,035	0,295	-0,001	0,008	0,042	FALSE

0,132	0,293	0,005	0,012	0,168	FALSE
0,059	0,301	0,003	0,010	0,104	FALSE
-0,080	0,311	-0,002	0,010	0,094	FALSE
0,113	0,310	0,004	0,009	0,159	FALSE
0,040	0,312	0,000	0,009	0,018	FALSE
0,043	0,317	0,001	0,009	0,034	FALSE
0,063	0,301	0,001	0,009	0,046	FALSE
0,059	0,316	0,001	0,009	0,048	FALSE
-0,094	0,311	-0,003	0,007	0,152	FALSE
0,023	0,303	0,000	0,009	0,009	FALSE
0,038	0,297	0,001	0,009	0,025	FALSE
0,031	0,308	0,001	0,009	0,032	FALSE
-0,149	0,294	-0,007	0,011	0,264	FALSE
-0,161	0,299	-0,007	0,011	0,285	FALSE
-0,136	0,308	-0,006	0,012	0,217	FALSE
-0,088	0,298	-0,005	0,013	0,168	FALSE
0,102	0,305	0,002	0,009	0,105	FALSE
0,072	0,313	0,002	0,011	0,074	FALSE
0,029	0,302	0,000	0,009	0,017	FALSE
0,048	0,314	0,001	0,009	0,055	FALSE
-0,015	0,294	0,000	0,008	0,008	FALSE
-0,072	0,301	-0,002	0,012	0,079	FALSE
0,010	0,306	0,000	0,012	0,005	FALSE
0,065	0,309	0,001	0,007	0,072	FALSE
-0,081	0,304	-0,002	0,007	0,098	FALSE
0,118	0,297	0,005	0,012	0,157	FALSE
-0,121	0,307	-0,002	0,006	0,149	FALSE
-0,059	0,302	-0,002	0,009	0,086	FALSE
0,057	0,308	0,001	0,009	0,061	FALSE
0,035	0,303	0,002	0,012	0,069	FALSE
0,070	0,290	0,002	0,007	0,111	FALSE
0,008	0,308	0,000	0,012	0,006	FALSE
0,035	0,301	0,001	0,007	0,052	FALSE
0,003	0,290	0,001	0,011	0,022	TRUE
-0,059	0,304	-0,002	0,006	0,106	FALSE
-0,065	0,303	-0,002	0,009	0,108	FALSE
0,030	0,311	0,001	0,006	0,046	FALSE
-0,027	0,289	0,000	0,007	0,005	FALSE
0,034	0,308	0,001	0,006	0,035	FALSE
-0,021	0,302	0,000	0,007	0,026	FALSE
0,089	0,295	0,003	0,008	0,139	FALSE
-0,178	0,293	-0,005	0,008	0,303	FALSE
-0,038	0,303	-0,002	0,007	0,092	FALSE
-0,063	0,308	-0,002	0,010	0,086	FALSE
-0,009	0,306	0,000	0,007	0,002	FALSE
-0,167	0,299	-0,004	0,007	0,227	FALSE
-0,054	0,313	-0,001	0,010	0,051	FALSE
0,044	0,307	0,002	0,011	0,053	FALSE
-0,083	0,299	-0,002	0,006	0,098	FALSE
0,102	0,304	0,003	0,009	0,161	FALSE
-0,035	0,302	-0,001	0,006	0,037	FALSE
-0,072	0,314	-0,003	0,011	0,084	FALSE
0,003	0,308	0,000	0,007	0,014	FALSE

0,050	0,315	0,002	0,011	0,056	FALSE
0,037	0,314	0,001	0,013	0,032	FALSE
-0,073	0,310	-0,004	0,012	0,119	FALSE
-0,056	0,309	-0,002	0,011	0,081	FALSE
0,017	0,314	0,000	0,008	0,009	FALSE
0,073	0,310	0,003	0,008	0,122	FALSE
-0,048	0,314	-0,001	0,009	0,061	FALSE
0,087	0,295	0,005	0,010	0,181	FALSE
0,079	0,318	0,004	0,011	0,151	FALSE
0,057	0,307	0,003	0,011	0,097	FALSE
0,010	0,301	0,001	0,011	0,038	FALSE
0,101	0,301	0,002	0,007	0,095	FALSE
0,003	0,301	0,000	0,009	0,013	FALSE
-0,027	0,299	0,000	0,008	0,020	FALSE
-0,026	0,294	-0,001	0,008	0,034	FALSE
-0,071	0,287	-0,001	0,007	0,066	FALSE
0,007	0,311	0,000	0,010	0,004	FALSE
-0,008	0,313	-0,001	0,011	0,019	FALSE
-0,026	0,304	-0,002	0,012	0,069	FALSE
-0,036	0,297	-0,002	0,007	0,080	FALSE
-0,011	0,318	0,000	0,010	0,015	FALSE
-0,102	0,322	-0,003	0,010	0,136	FALSE
-0,022	0,299	0,000	0,009	0,012	FALSE
0,195	0,304	0,007	0,010	0,280	FALSE
-0,167	0,304	-0,005	0,010	0,211	FALSE
-0,096	0,293	-0,004	0,012	0,149	FALSE
-0,096	0,306	-0,004	0,012	0,136	FALSE
-0,073	0,304	-0,003	0,012	0,094	FALSE
-0,056	0,319	-0,002	0,010	0,082	FALSE
0,102	0,296	0,004	0,012	0,150	FALSE
-0,119	0,303	-0,005	0,012	0,176	FALSE
-0,081	0,321	-0,003	0,010	0,112	FALSE
-0,013	0,316	-0,001	0,009	0,023	FALSE
-0,161	0,305	-0,003	0,007	0,208	FALSE
-0,184	0,317	-0,006	0,013	0,206	FALSE
-0,179	0,306	-0,007	0,013	0,223	FALSE
-0,117	0,310	-0,004	0,012	0,127	FALSE
-0,030	0,312	0,000	0,006	0,021	FALSE
-0,019	0,317	0,000	0,007	0,021	FALSE
-0,025	0,306	0,000	0,008	0,002	FALSE
0,016	0,294	0,001	0,009	0,022	FALSE
-0,123	0,316	-0,004	0,010	0,157	FALSE
-0,111	0,316	-0,004	0,011	0,146	FALSE
-0,026	0,306	-0,001	0,006	0,029	FALSE
-0,106	0,306	-0,004	0,011	0,140	FALSE
0,095	0,310	0,004	0,011	0,123	FALSE
-0,092	0,306	-0,003	0,008	0,130	FALSE
-0,067	0,307	-0,002	0,009	0,097	FALSE
-0,026	0,315	-0,002	0,011	0,058	FALSE
-0,056	0,312	-0,001	0,009	0,051	FALSE
0,102	0,304	0,003	0,007	0,187	FALSE
0,127	0,303	0,004	0,008	0,232	FALSE
-0,085	0,304	-0,002	0,008	0,088	FALSE

-0,064	0,310	-0,002	0,008	0,072	FALSE
0,029	0,299	0,000	0,009	0,009	FALSE
-0,126	0,311	-0,004	0,009	0,165	FALSE
0,139	0,302	0,003	0,006	0,224	FALSE
-0,032	0,297	-0,001	0,007	0,056	FALSE
0,066	0,311	0,002	0,008	0,095	FALSE
-0,052	0,305	-0,001	0,011	0,039	FALSE
0,127	0,301	0,005	0,011	0,181	FALSE
0,101	0,288	0,004	0,010	0,143	FALSE
-0,134	0,321	-0,005	0,012	0,192	FALSE
0,196	0,306	0,006	0,010	0,261	FALSE
0,203	0,297	0,006	0,009	0,307	FALSE
-0,041	0,300	-0,001	0,007	0,051	FALSE
-0,077	0,320	-0,002	0,007	0,094	FALSE
-0,088	0,302	-0,002	0,008	0,100	FALSE
-0,094	0,317	-0,002	0,007	0,108	FALSE
-0,027	0,303	-0,001	0,008	0,025	FALSE
0,002	0,314	0,000	0,012	0,003	FALSE
-0,128	0,306	-0,006	0,013	0,183	FALSE
0,191	0,295	0,006	0,010	0,253	FALSE
-0,033	0,321	0,000	0,008	0,001	FALSE
0,148	0,307	0,004	0,009	0,221	FALSE
0,162	0,303	0,005	0,008	0,240	FALSE
0,084	0,304	0,002	0,007	0,115	FALSE
0,068	0,304	0,001	0,006	0,093	FALSE
-0,149	0,300	-0,004	0,008	0,196	FALSE
-0,089	0,316	-0,004	0,013	0,132	FALSE
0,117	0,307	0,002	0,006	0,153	FALSE
0,046	0,306	0,002	0,008	0,083	FALSE
-0,075	0,295	-0,002	0,009	0,065	FALSE
0,052	0,301	0,002	0,012	0,060	FALSE
0,085	0,315	0,003	0,012	0,102	FALSE
-0,111	0,324	-0,003	0,009	0,131	FALSE
-0,051	0,307	-0,002	0,008	0,070	FALSE
-0,041	0,299	-0,001	0,008	0,066	FALSE
-0,109	0,309	-0,002	0,009	0,100	FALSE
-0,120	0,288	-0,004	0,012	0,149	FALSE
0,106	0,306	0,002	0,006	0,157	FALSE
0,072	0,302	0,003	0,010	0,127	FALSE
-0,051	0,297	-0,001	0,007	0,067	FALSE
0,038	0,312	0,001	0,009	0,045	FALSE
0,158	0,295	0,005	0,009	0,237	FALSE
0,167	0,297	0,005	0,009	0,244	FALSE
-0,077	0,312	-0,003	0,012	0,085	FALSE
-0,031	0,317	-0,001	0,007	0,056	FALSE
-0,039	0,301	-0,002	0,008	0,073	FALSE
0,073	0,307	0,004	0,012	0,114	FALSE
-0,123	0,320	-0,003	0,009	0,145	FALSE
-0,080	0,325	-0,002	0,011	0,081	FALSE
0,036	0,301	0,001	0,008	0,061	FALSE
-0,053	0,308	-0,001	0,007	0,072	FALSE
0,084	0,315	0,003	0,012	0,099	FALSE
0,007	0,316	-0,001	0,011	0,023	FALSE

0,063	0,309	0,002	0,009	0,087	FALSE
-0,181	0,302	-0,004	0,007	0,263	FALSE
-0,005	0,293	0,000	0,010	0,016	FALSE
-0,144	0,300	-0,005	0,011	0,218	FALSE
0,049	0,303	0,002	0,009	0,077	FALSE
-0,028	0,302	0,000	0,010	0,013	FALSE
-0,062	0,320	-0,002	0,008	0,071	FALSE
0,011	0,300	0,001	0,008	0,066	FALSE
-0,061	0,318	-0,002	0,010	0,084	FALSE
0,079	0,302	0,002	0,006	0,134	FALSE
0,010	0,310	0,001	0,007	0,038	FALSE
0,060	0,302	0,002	0,011	0,080	FALSE
0,007	0,313	0,000	0,009	0,017	FALSE
0,070	0,324	0,001	0,007	0,046	FALSE
0,086	0,306	0,002	0,006	0,098	FALSE
-0,026	0,306	-0,001	0,009	0,028	FALSE
-0,024	0,309	-0,001	0,008	0,029	FALSE
0,025	0,311	0,001	0,012	0,025	FALSE
-0,066	0,307	-0,001	0,008	0,064	FALSE
0,042	0,296	0,001	0,007	0,030	FALSE
0,090	0,302	0,002	0,008	0,115	FALSE
0,024	0,307	0,000	0,007	0,009	FALSE
0,039	0,298	0,000	0,007	0,012	FALSE
-0,062	0,320	-0,001	0,008	0,044	FALSE
0,006	0,311	0,001	0,011	0,026	FALSE
-0,031	0,306	-0,001	0,012	0,043	FALSE
0,117	0,305	0,005	0,012	0,186	FALSE
-0,054	0,317	-0,003	0,012	0,082	FALSE
0,073	0,308	0,002	0,007	0,098	FALSE
-0,163	0,296	-0,004	0,008	0,224	FALSE
-0,141	0,301	-0,003	0,007	0,164	FALSE
-0,108	0,311	-0,005	0,013	0,145	FALSE
-0,165	0,300	-0,006	0,011	0,229	FALSE
-0,051	0,301	-0,002	0,011	0,073	FALSE
0,002	0,316	0,000	0,008	0,002	FALSE
-0,018	0,302	-0,001	0,007	0,047	FALSE
0,051	0,312	0,001	0,010	0,025	FALSE
0,000	0,293	0,000	0,008	0,002	FALSE
0,004	0,308	0,000	0,010	0,012	FALSE
-0,009	0,295	-0,001	0,013	0,019	FALSE
0,137	0,299	0,003	0,006	0,180	FALSE
0,103	0,304	0,002	0,006	0,108	FALSE
0,102	0,305	0,002	0,007	0,104	FALSE
-0,019	0,297	-0,001	0,007	0,030	FALSE
-0,021	0,294	-0,002	0,011	0,053	FALSE
-0,035	0,302	-0,001	0,008	0,054	FALSE
0,035	0,312	0,001	0,008	0,028	FALSE
0,072	0,306	0,003	0,010	0,102	FALSE
0,011	0,302	0,000	0,012	0,003	FALSE
0,041	0,308	0,000	0,006	0,018	FALSE
-0,138	0,304	-0,006	0,013	0,180	FALSE
0,105	0,309	0,003	0,011	0,117	FALSE
0,115	0,299	0,004	0,010	0,136	FALSE

0,114	0,307	0,004	0,011	0,135	FALSE
0,082	0,302	0,002	0,008	0,118	FALSE
0,041	0,316	0,002	0,011	0,059	FALSE
-0,031	0,309	-0,001	0,008	0,024	FALSE
0,007	0,310	0,000	0,012	0,008	FALSE
0,096	0,300	0,002	0,007	0,085	FALSE
-0,052	0,301	-0,002	0,012	0,061	FALSE
-0,013	0,309	0,000	0,008	0,020	FALSE
0,043	0,298	0,001	0,011	0,044	FALSE
0,002	0,299	-0,001	0,009	0,030	FALSE
-0,098	0,319	-0,004	0,012	0,115	FALSE
0,095	0,300	0,003	0,009	0,119	FALSE
-0,057	0,312	-0,001	0,006	0,049	FALSE
-0,039	0,301	-0,001	0,012	0,041	FALSE
-0,088	0,319	-0,002	0,010	0,086	FALSE
0,169	0,303	0,004	0,007	0,264	FALSE
0,118	0,297	0,003	0,008	0,166	FALSE
-0,079	0,301	-0,004	0,013	0,106	FALSE
0,030	0,305	0,000	0,011	0,006	FALSE
0,065	0,306	0,003	0,012	0,110	FALSE
-0,012	0,314	0,000	0,007	0,016	FALSE
0,044	0,308	0,000	0,008	0,022	FALSE
-0,075	0,323	-0,003	0,011	0,095	FALSE
-0,060	0,298	-0,002	0,006	0,102	FALSE
-0,069	0,293	-0,001	0,007	0,066	FALSE
-0,019	0,317	-0,001	0,007	0,027	FALSE
-0,017	0,300	-0,001	0,010	0,022	FALSE
-0,017	0,309	-0,001	0,008	0,053	FALSE
-0,049	0,296	-0,003	0,012	0,079	FALSE
-0,038	0,301	-0,002	0,012	0,068	FALSE
0,041	0,303	0,002	0,011	0,060	FALSE
-0,001	0,310	0,000	0,011	0,009	FALSE
0,041	0,314	0,001	0,009	0,048	FALSE
-0,001	0,312	0,000	0,007	0,012	FALSE
-0,079	0,310	-0,005	0,013	0,152	FALSE
-0,025	0,297	-0,001	0,006	0,039	FALSE
-0,063	0,312	-0,002	0,010	0,090	FALSE
0,124	0,298	0,003	0,006	0,182	FALSE
-0,174	0,288	-0,007	0,012	0,232	FALSE
-0,042	0,300	-0,001	0,012	0,023	FALSE
-0,012	0,333	0,000	0,009	0,009	FALSE
0,011	0,307	0,001	0,008	0,060	FALSE
-0,140	0,314	-0,004	0,007	0,216	FALSE
0,033	0,310	0,002	0,012	0,045	FALSE
0,045	0,305	0,001	0,007	0,047	FALSE
0,034	0,308	0,001	0,013	0,026	FALSE
-0,039	0,310	-0,001	0,007	0,047	FALSE
0,010	0,312	0,000	0,011	0,004	FALSE
-0,043	0,313	-0,002	0,009	0,079	FALSE
0,052	0,297	0,001	0,008	0,049	FALSE
-0,006	0,311	-0,001	0,012	0,030	FALSE
0,108	0,293	0,005	0,009	0,217	FALSE
-0,017	0,303	-0,001	0,012	0,039	FALSE

0,080	0,315	0,002	0,010	0,077	FALSE
-0,005	0,320	0,000	0,008	0,021	FALSE
-0,031	0,311	-0,001	0,012	0,027	FALSE
-0,042	0,312	-0,002	0,009	0,076	FALSE
-0,003	0,303	0,000	0,006	0,011	FALSE
0,051	0,301	0,002	0,010	0,059	FALSE
0,140	0,315	0,003	0,008	0,171	FALSE
-0,053	0,314	-0,002	0,007	0,105	FALSE
0,025	0,318	0,001	0,008	0,035	FALSE
0,070	0,312	0,002	0,010	0,092	FALSE
0,107	0,304	0,003	0,008	0,142	FALSE
0,104	0,294	0,004	0,012	0,148	FALSE
0,062	0,315	0,002	0,006	0,093	FALSE
-0,035	0,298	-0,001	0,010	0,030	FALSE
-0,104	0,303	-0,003	0,009	0,140	FALSE
-0,131	0,315	-0,003	0,006	0,176	FALSE
-0,117	0,304	-0,003	0,007	0,157	FALSE
-0,042	0,317	-0,001	0,008	0,044	FALSE
-0,130	0,305	-0,005	0,012	0,175	FALSE
-0,099	0,298	-0,003	0,008	0,148	FALSE
-0,131	0,307	-0,004	0,010	0,165	FALSE
0,055	0,304	0,001	0,008	0,027	FALSE
0,058	0,319	0,001	0,009	0,059	FALSE
0,070	0,309	0,002	0,009	0,073	FALSE
0,001	0,299	0,000	0,009	0,009	FALSE
-0,073	0,319	-0,003	0,013	0,101	FALSE
-0,152	0,293	-0,006	0,011	0,247	FALSE
-0,113	0,292	-0,004	0,009	0,185	FALSE
-0,053	0,299	-0,001	0,010	0,054	FALSE
0,014	0,292	0,001	0,012	0,035	FALSE
0,060	0,300	0,001	0,009	0,055	FALSE
-0,081	0,300	-0,003	0,012	0,083	FALSE
0,071	0,308	0,002	0,010	0,091	FALSE
0,083	0,305	0,003	0,010	0,112	FALSE
0,087	0,311	0,004	0,011	0,132	FALSE
0,098	0,299	0,004	0,010	0,163	FALSE
-0,107	0,310	-0,003	0,008	0,139	FALSE
0,052	0,303	0,002	0,008	0,086	FALSE
0,073	0,309	0,003	0,009	0,108	FALSE
-0,046	0,301	-0,001	0,007	0,042	FALSE
0,109	0,293	0,003	0,009	0,110	FALSE
0,122	0,294	0,004	0,011	0,136	FALSE
0,010	0,298	0,001	0,008	0,046	FALSE
-0,058	0,322	-0,002	0,013	0,072	FALSE
-0,030	0,305	-0,001	0,012	0,035	FALSE
0,012	0,315	-0,001	0,008	0,028	FALSE
0,125	0,287	0,006	0,012	0,193	FALSE
0,011	0,300	0,000	0,009	0,009	FALSE
-0,101	0,311	-0,002	0,008	0,113	FALSE
-0,119	0,312	-0,003	0,007	0,155	FALSE
0,024	0,308	0,000	0,006	0,021	FALSE
-0,087	0,311	-0,002	0,007	0,095	FALSE
-0,007	0,310	0,000	0,008	0,003	FALSE

-0,135	0,301	-0,004	0,011	0,151	FALSE
-0,137	0,301	-0,004	0,012	0,140	FALSE
-0,101	0,303	-0,003	0,011	0,110	FALSE
0,201	0,302	0,006	0,009	0,283	FALSE
0,062	0,309	0,002	0,011	0,069	FALSE
-0,008	0,320	0,000	0,008	0,015	FALSE
0,020	0,314	0,001	0,011	0,029	FALSE
0,064	0,323	0,003	0,013	0,084	FALSE
-0,022	0,317	-0,001	0,010	0,041	FALSE
0,022	0,310	0,001	0,008	0,056	FALSE
-0,036	0,305	-0,001	0,009	0,034	FALSE
0,156	0,303	0,004	0,007	0,212	FALSE
-0,039	0,299	-0,001	0,008	0,046	FALSE
0,081	0,302	0,003	0,008	0,130	FALSE
-0,056	0,309	-0,001	0,006	0,061	FALSE
0,076	0,301	0,002	0,008	0,086	FALSE
0,064	0,307	0,002	0,009	0,084	FALSE
0,065	0,301	0,002	0,009	0,068	FALSE
-0,042	0,295	-0,001	0,006	0,077	FALSE
-0,087	0,297	-0,002	0,009	0,111	FALSE
-0,028	0,302	-0,001	0,007	0,053	FALSE
-0,021	0,311	0,000	0,007	0,003	FALSE
-0,087	0,288	-0,002	0,009	0,095	FALSE
-0,024	0,315	-0,001	0,011	0,033	FALSE
-0,041	0,314	-0,002	0,010	0,079	FALSE
-0,028	0,293	-0,001	0,007	0,057	FALSE
0,008	0,304	0,000	0,008	0,002	FALSE
-0,009	0,301	0,000	0,008	0,010	FALSE
-0,072	0,311	-0,003	0,012	0,090	FALSE
-0,087	0,320	-0,004	0,013	0,128	FALSE
-0,114	0,307	-0,004	0,009	0,153	FALSE
-0,046	0,303	0,000	0,006	0,025	FALSE
0,068	0,300	0,002	0,012	0,063	FALSE
-0,093	0,306	-0,003	0,013	0,091	FALSE
-0,168	0,305	-0,007	0,013	0,223	FALSE
0,072	0,314	0,003	0,013	0,096	FALSE
0,069	0,302	0,002	0,007	0,095	FALSE
-0,164	0,314	-0,005	0,009	0,242	FALSE
0,033	0,297	0,001	0,008	0,052	FALSE
0,071	0,307	0,002	0,007	0,090	FALSE
0,028	0,307	0,000	0,008	0,015	FALSE
-0,137	0,298	-0,005	0,010	0,202	FALSE
-0,078	0,321	-0,004	0,013	0,115	FALSE
-0,049	0,297	-0,003	0,012	0,081	FALSE
0,012	0,309	0,000	0,013	0,001	FALSE
-0,031	0,310	-0,001	0,008	0,024	FALSE
-0,037	0,317	-0,002	0,010	0,062	FALSE
-0,072	0,302	-0,003	0,010	0,107	FALSE
0,059	0,305	0,002	0,007	0,086	FALSE
-0,076	0,311	-0,001	0,008	0,072	FALSE
-0,046	0,296	-0,001	0,007	0,065	FALSE
-0,065	0,316	-0,002	0,009	0,071	FALSE
-0,084	0,315	-0,003	0,011	0,095	FALSE

-0,067	0,308	-0,002	0,009	0,088	FALSE
0,088	0,306	0,004	0,012	0,112	FALSE
0,037	0,327	0,001	0,011	0,047	FALSE
0,053	0,312	0,001	0,008	0,050	FALSE
-0,036	0,309	-0,001	0,009	0,044	FALSE
0,067	0,305	0,002	0,008	0,073	FALSE
0,197	0,289	0,005	0,009	0,265	FALSE
-0,073	0,306	-0,002	0,010	0,067	FALSE
0,187	0,297	0,005	0,008	0,261	FALSE
0,073	0,309	0,002	0,009	0,088	FALSE
0,026	0,302	0,000	0,007	0,024	FALSE
-0,078	0,296	-0,002	0,010	0,092	FALSE
-0,015	0,298	0,000	0,007	0,023	FALSE
0,010	0,297	0,001	0,008	0,033	FALSE
-0,081	0,305	-0,003	0,012	0,111	FALSE
-0,130	0,303	-0,004	0,009	0,179	FALSE
-0,164	0,294	-0,006	0,012	0,216	FALSE
0,021	0,317	0,001	0,007	0,029	FALSE
0,028	0,320	0,001	0,011	0,033	FALSE
0,010	0,307	0,000	0,011	0,014	FALSE
-0,072	0,304	-0,001	0,007	0,042	FALSE
0,026	0,316	0,001	0,008	0,051	FALSE
0,109	0,323	0,005	0,012	0,152	FALSE
-0,053	0,302	-0,002	0,012	0,048	FALSE
0,099	0,315	0,004	0,012	0,137	FALSE
0,092	0,324	0,004	0,013	0,140	FALSE
0,081	0,305	0,002	0,007	0,139	FALSE
0,000	0,311	-0,001	0,009	0,026	FALSE
-0,068	0,307	-0,001	0,007	0,069	FALSE
0,037	0,304	0,002	0,009	0,063	FALSE
-0,041	0,310	-0,001	0,009	0,036	FALSE
-0,018	0,305	0,000	0,008	0,001	FALSE
0,021	0,309	0,000	0,012	0,010	FALSE
0,033	0,311	0,000	0,013	0,012	FALSE
0,036	0,316	0,001	0,012	0,024	FALSE
-0,073	0,296	-0,002	0,007	0,113	FALSE
-0,033	0,305	-0,001	0,012	0,021	FALSE
0,081	0,295	0,002	0,006	0,138	FALSE
0,085	0,299	0,002	0,006	0,118	FALSE
0,040	0,310	0,002	0,007	0,080	FALSE
-0,140	0,293	-0,005	0,012	0,189	FALSE
-0,157	0,311	-0,004	0,007	0,228	FALSE
-0,116	0,314	-0,005	0,012	0,168	FALSE
-0,027	0,304	-0,001	0,010	0,050	FALSE
0,126	0,291	0,005	0,009	0,219	FALSE
-0,051	0,309	-0,002	0,008	0,075	FALSE
0,026	0,302	0,001	0,008	0,029	FALSE
-0,055	0,304	-0,002	0,012	0,057	FALSE
-0,039	0,317	-0,001	0,012	0,032	FALSE
0,006	0,311	0,000	0,009	0,019	FALSE
-0,062	0,315	-0,002	0,008	0,078	FALSE
-0,066	0,300	-0,002	0,009	0,106	FALSE
-0,057	0,315	-0,001	0,009	0,054	FALSE

0,045	0,313	0,002	0,010	0,071	FALSE
0,106	0,312	0,003	0,011	0,114	FALSE
0,114	0,317	0,004	0,012	0,113	FALSE
-0,026	0,317	0,000	0,011	0,012	FALSE
0,075	0,295	0,003	0,011	0,115	FALSE
-0,159	0,294	-0,007	0,011	0,271	FALSE
-0,007	0,317	0,000	0,009	0,010	FALSE
-0,133	0,308	-0,003	0,008	0,153	FALSE
-0,123	0,301	-0,003	0,008	0,156	FALSE
-0,007	0,316	0,000	0,010	0,002	FALSE
-0,061	0,286	-0,001	0,007	0,069	FALSE
0,037	0,302	0,001	0,007	0,037	FALSE
-0,055	0,311	-0,001	0,008	0,047	FALSE
0,101	0,306	0,003	0,012	0,098	FALSE
0,167	0,299	0,006	0,011	0,245	FALSE
0,149	0,318	0,006	0,012	0,207	FALSE
0,130	0,309	0,005	0,010	0,203	FALSE
0,049	0,308	0,003	0,013	0,091	FALSE
0,034	0,312	0,001	0,010	0,049	FALSE
0,017	0,309	0,001	0,010	0,046	FALSE
0,037	0,313	0,002	0,011	0,059	FALSE
0,033	0,315	0,002	0,011	0,076	FALSE
0,091	0,318	0,004	0,010	0,138	FALSE
0,037	0,299	0,002	0,010	0,065	FALSE
0,058	0,292	0,001	0,010	0,030	FALSE
0,051	0,312	0,003	0,012	0,083	FALSE
0,029	0,319	0,001	0,009	0,026	FALSE
-0,037	0,302	-0,002	0,012	0,054	FALSE
-0,054	0,306	-0,002	0,012	0,074	FALSE
-0,027	0,298	-0,001	0,012	0,022	FALSE
0,094	0,318	0,003	0,010	0,105	FALSE
-0,140	0,290	-0,004	0,008	0,186	FALSE
0,050	0,298	0,001	0,008	0,055	FALSE
-0,041	0,299	-0,002	0,010	0,058	FALSE
0,009	0,308	0,000	0,007	0,013	FALSE
0,027	0,316	0,001	0,010	0,026	FALSE
0,077	0,304	0,004	0,011	0,135	FALSE
0,121	0,298	0,002	0,006	0,147	FALSE
-0,061	0,308	-0,002	0,012	0,072	FALSE
-0,052	0,313	-0,002	0,013	0,048	FALSE
0,071	0,298	0,002	0,006	0,110	FALSE
0,086	0,303	0,002	0,007	0,131	FALSE
0,019	0,313	0,000	0,008	0,021	FALSE
-0,123	0,289	-0,002	0,006	0,149	FALSE
0,022	0,309	0,001	0,007	0,046	FALSE
0,126	0,299	0,003	0,006	0,191	FALSE
-0,129	0,313	-0,003	0,007	0,168	FALSE
-0,050	0,289	-0,001	0,007	0,079	FALSE
0,135	0,302	0,002	0,006	0,158	FALSE
0,060	0,299	0,001	0,010	0,046	FALSE
0,046	0,301	0,002	0,010	0,093	FALSE
-0,098	0,302	-0,002	0,008	0,116	FALSE
-0,024	0,291	-0,001	0,008	0,056	FALSE

0,076	0,309	0,001	0,008	0,072	FALSE
0,106	0,301	0,004	0,011	0,165	FALSE
0,028	0,311	0,001	0,013	0,015	FALSE
0,050	0,317	0,002	0,011	0,058	FALSE
0,011	0,296	0,001	0,006	0,050	FALSE
-0,023	0,306	0,000	0,009	0,017	FALSE
0,042	0,316	0,001	0,006	0,083	FALSE
0,021	0,306	0,001	0,010	0,021	FALSE
0,005	0,301	0,000	0,007	0,014	FALSE
0,065	0,312	0,002	0,012	0,065	FALSE
0,027	0,311	0,000	0,012	0,013	FALSE
0,100	0,311	0,002	0,006	0,139	FALSE
-0,109	0,308	-0,003	0,007	0,149	FALSE
-0,111	0,299	-0,002	0,006	0,151	FALSE
-0,104	0,307	-0,002	0,007	0,145	FALSE
-0,070	0,295	-0,002	0,007	0,094	FALSE
-0,074	0,293	-0,001	0,006	0,091	FALSE
-0,105	0,306	-0,003	0,007	0,147	FALSE
-0,038	0,297	-0,001	0,010	0,049	FALSE
0,043	0,313	0,002	0,012	0,052	FALSE
0,204	0,284	0,008	0,010	0,362	FALSE
0,012	0,310	0,000	0,009	0,002	FALSE
0,018	0,323	0,000	0,010	0,002	FALSE
-0,077	0,296	-0,002	0,008	0,079	FALSE
-0,055	0,309	-0,001	0,008	0,045	FALSE
0,100	0,306	0,004	0,013	0,117	FALSE
0,089	0,299	0,004	0,012	0,113	FALSE
-0,029	0,298	0,000	0,006	0,030	FALSE
0,015	0,318	0,000	0,012	0,010	FALSE
-0,069	0,312	-0,002	0,009	0,098	FALSE
0,078	0,300	0,002	0,006	0,118	FALSE
-0,047	0,321	-0,001	0,008	0,066	FALSE
0,065	0,297	0,002	0,012	0,055	FALSE
-0,057	0,308	-0,002	0,012	0,069	FALSE
-0,097	0,302	-0,002	0,008	0,110	FALSE
0,155	0,312	0,005	0,011	0,204	FALSE
0,000	0,307	0,000	0,007	0,021	FALSE
-0,082	0,288	-0,002	0,007	0,106	FALSE
-0,064	0,294	-0,003	0,011	0,093	FALSE
0,093	0,304	0,003	0,012	0,090	FALSE
-0,010	0,303	-0,001	0,007	0,051	FALSE
-0,082	0,292	-0,001	0,006	0,080	FALSE
-0,017	0,309	-0,001	0,007	0,027	FALSE
0,053	0,306	0,002	0,012	0,057	FALSE
0,004	0,310	0,000	0,007	0,012	FALSE
0,022	0,315	0,001	0,007	0,037	FALSE
-0,045	0,300	-0,002	0,009	0,083	FALSE
0,148	0,298	0,006	0,011	0,222	FALSE
-0,025	0,314	0,000	0,008	0,016	FALSE
0,069	0,317	0,002	0,008	0,107	FALSE
0,127	0,284	0,004	0,009	0,165	FALSE
-0,046	0,319	-0,001	0,011	0,033	FALSE
0,017	0,289	0,000	0,008	0,004	FALSE

-0,101	0,311	-0,003	0,012	0,087	FALSE
0,025	0,316	0,001	0,009	0,026	FALSE
-0,026	0,303	-0,002	0,011	0,069	FALSE
-0,018	0,309	-0,002	0,011	0,052	FALSE
-0,028	0,301	-0,002	0,011	0,063	FALSE
0,079	0,323	0,003	0,013	0,090	FALSE
0,054	0,308	0,002	0,011	0,068	FALSE
0,045	0,311	0,002	0,008	0,086	FALSE
-0,110	0,297	-0,002	0,008	0,117	FALSE
-0,025	0,296	0,000	0,012	0,012	FALSE
0,018	0,308	0,001	0,009	0,036	FALSE
0,061	0,307	0,002	0,008	0,078	FALSE
0,014	0,302	0,001	0,008	0,036	FALSE
0,094	0,303	0,004	0,012	0,115	FALSE
0,008	0,310	0,000	0,007	0,012	FALSE
-0,004	0,298	0,000	0,007	0,025	FALSE
0,168	0,298	0,007	0,012	0,257	FALSE
0,118	0,320	0,005	0,013	0,162	FALSE
0,034	0,301	0,001	0,008	0,060	FALSE
0,012	0,305	0,001	0,009	0,027	FALSE
0,094	0,307	0,004	0,011	0,148	FALSE
-0,006	0,310	-0,001	0,010	0,038	FALSE
0,050	0,294	0,001	0,007	0,064	FALSE
0,013	0,305	0,001	0,008	0,031	FALSE
-0,172	0,302	-0,004	0,007	0,268	FALSE
0,035	0,307	0,002	0,012	0,050	FALSE
0,039	0,304	0,002	0,012	0,078	FALSE
0,042	0,307	0,003	0,011	0,097	FALSE
-0,038	0,317	-0,001	0,010	0,040	FALSE
-0,091	0,313	-0,003	0,012	0,116	FALSE
-0,063	0,309	-0,002	0,012	0,078	FALSE
0,013	0,320	0,000	0,006	0,014	FALSE
0,068	0,309	0,004	0,012	0,128	FALSE
0,043	0,300	0,003	0,012	0,091	FALSE
0,063	0,308	0,004	0,012	0,113	FALSE
0,101	0,293	0,005	0,012	0,187	FALSE
0,094	0,294	0,005	0,011	0,168	FALSE
-0,053	0,306	-0,003	0,011	0,087	FALSE
0,185	0,299	0,005	0,006	0,337	FALSE
0,063	0,309	0,002	0,011	0,058	FALSE
-0,014	0,305	0,000	0,008	0,009	FALSE
0,001	0,308	0,000	0,010	0,004	FALSE
-0,012	0,303	0,000	0,007	0,004	FALSE
-0,025	0,303	0,000	0,007	0,011	FALSE
0,058	0,299	0,003	0,012	0,080	FALSE
0,137	0,323	0,004	0,009	0,216	FALSE
-0,084	0,307	-0,002	0,007	0,095	FALSE
-0,048	0,317	-0,002	0,008	0,077	FALSE
-0,145	0,306	-0,004	0,009	0,192	FALSE
0,181	0,293	0,006	0,011	0,254	FALSE
0,101	0,299	0,002	0,006	0,130	FALSE
0,055	0,303	0,001	0,009	0,053	FALSE
0,047	0,303	0,001	0,006	0,072	FALSE

0,003	0,295	0,001	0,011	0,023	FALSE
0,058	0,275	0,001	0,010	0,024	FALSE
-0,018	0,308	-0,001	0,009	0,026	FALSE
0,108	0,303	0,004	0,009	0,186	FALSE
-0,005	0,308	0,000	0,010	0,009	FALSE
0,078	0,305	0,003	0,011	0,115	FALSE
-0,095	0,301	-0,002	0,006	0,127	FALSE
0,056	0,295	0,002	0,012	0,070	FALSE
0,025	0,303	0,001	0,012	0,020	FALSE
0,006	0,304	0,000	0,013	0,006	FALSE
-0,013	0,311	0,000	0,007	0,020	FALSE
-0,050	0,288	-0,001	0,009	0,048	FALSE
0,100	0,320	0,004	0,013	0,119	FALSE
-0,102	0,317	-0,002	0,009	0,102	FALSE
0,047	0,295	0,002	0,009	0,067	FALSE
-0,130	0,301	-0,005	0,010	0,188	FALSE
0,032	0,328	0,001	0,012	0,044	FALSE
0,063	0,310	0,002	0,013	0,074	FALSE
0,069	0,308	0,002	0,009	0,061	FALSE
-0,052	0,301	-0,001	0,006	0,057	FALSE
0,070	0,305	0,002	0,012	0,070	FALSE
0,139	0,312	0,005	0,011	0,176	FALSE
0,122	0,303	0,004	0,011	0,144	FALSE
0,097	0,298	0,003	0,010	0,110	FALSE
0,035	0,296	0,001	0,009	0,042	FALSE
0,016	0,302	0,000	0,009	0,019	FALSE
0,091	0,302	0,003	0,012	0,098	FALSE
0,122	0,291	0,004	0,009	0,173	FALSE
0,130	0,301	0,005	0,013	0,167	FALSE
0,039	0,313	0,002	0,010	0,073	FALSE
-0,030	0,315	-0,001	0,007	0,069	FALSE
0,111	0,303	0,003	0,007	0,177	FALSE
-0,045	0,301	-0,001	0,008	0,065	FALSE
0,067	0,312	0,002	0,008	0,093	FALSE
0,038	0,317	0,001	0,011	0,049	FALSE
0,075	0,318	0,002	0,007	0,092	FALSE
-0,030	0,302	-0,002	0,012	0,061	FALSE
0,022	0,294	0,001	0,006	0,030	FALSE
-0,038	0,317	-0,002	0,013	0,058	FALSE
0,066	0,310	0,003	0,011	0,104	FALSE
-0,027	0,298	-0,001	0,010	0,055	FALSE
0,146	0,298	0,007	0,013	0,250	FALSE
0,119	0,302	0,003	0,008	0,187	FALSE
-0,016	0,290	-0,001	0,010	0,050	FALSE
0,057	0,300	0,002	0,008	0,085	FALSE
0,090	0,313	0,002	0,006	0,105	FALSE
0,025	0,309	0,002	0,012	0,056	FALSE
-0,130	0,306	-0,005	0,011	0,189	FALSE
-0,031	0,304	-0,001	0,007	0,029	FALSE
-0,030	0,301	-0,001	0,011	0,042	FALSE
0,049	0,306	0,001	0,012	0,028	FALSE
0,014	0,298	0,000	0,010	0,013	FALSE
0,042	0,306	0,000	0,010	0,014	FALSE

0,013	0,316	0,000	0,010	0,012	FALSE
-0,028	0,316	-0,001	0,007	0,033	FALSE
0,091	0,307	0,003	0,011	0,104	FALSE
-0,013	0,297	0,000	0,007	0,015	FALSE
-0,059	0,316	-0,002	0,011	0,067	FALSE
-0,042	0,307	-0,002	0,009	0,081	FALSE
-0,005	0,330	0,000	0,011	0,005	FALSE
-0,025	0,313	-0,001	0,007	0,033	FALSE
-0,038	0,321	-0,001	0,007	0,027	FALSE
0,003	0,310	0,000	0,012	0,010	FALSE
0,062	0,302	0,003	0,012	0,090	FALSE
-0,071	0,315	-0,003	0,013	0,102	FALSE
0,083	0,299	0,002	0,009	0,094	FALSE
-0,013	0,306	-0,001	0,007	0,033	FALSE
0,145	0,304	0,004	0,008	0,205	FALSE
-0,069	0,309	-0,002	0,010	0,086	FALSE
-0,078	0,312	-0,002	0,007	0,090	FALSE
-0,082	0,309	-0,003	0,008	0,121	FALSE
-0,057	0,305	-0,002	0,010	0,068	FALSE
-0,069	0,310	-0,002	0,009	0,067	FALSE
0,034	0,314	0,001	0,011	0,042	FALSE
0,046	0,312	0,001	0,007	0,067	FALSE
0,118	0,307	0,003	0,008	0,145	FALSE
-0,031	0,290	-0,001	0,012	0,046	FALSE
0,053	0,312	0,001	0,006	0,085	FALSE
0,080	0,301	0,003	0,013	0,092	FALSE
-0,046	0,305	-0,001	0,012	0,022	FALSE
-0,061	0,302	-0,002	0,011	0,079	FALSE
-0,004	0,305	0,000	0,010	0,002	FALSE
-0,039	0,306	-0,001	0,013	0,033	FALSE
-0,079	0,293	-0,002	0,008	0,084	FALSE
0,011	0,304	0,001	0,011	0,031	FALSE
0,069	0,315	0,002	0,007	0,092	FALSE
0,172	0,299	0,004	0,007	0,242	FALSE
0,002	0,308	0,001	0,008	0,033	FALSE
-0,148	0,304	-0,005	0,008	0,227	FALSE
-0,047	0,314	-0,001	0,009	0,038	FALSE
-0,007	0,307	-0,001	0,009	0,035	FALSE
-0,122	0,296	-0,004	0,009	0,166	FALSE
0,028	0,320	0,001	0,009	0,040	FALSE
-0,134	0,301	-0,004	0,010	0,145	FALSE
-0,072	0,310	-0,002	0,009	0,068	FALSE
-0,066	0,301	-0,001	0,009	0,045	FALSE
-0,072	0,304	-0,002	0,009	0,067	FALSE
-0,119	0,307	-0,005	0,013	0,161	FALSE
-0,022	0,299	-0,001	0,009	0,035	FALSE
0,030	0,306	0,001	0,010	0,019	FALSE
0,004	0,319	-0,001	0,010	0,021	FALSE
0,059	0,312	0,002	0,009	0,063	FALSE
0,091	0,317	0,004	0,013	0,110	FALSE
0,047	0,309	0,001	0,012	0,041	FALSE
0,024	0,315	0,001	0,013	0,015	FALSE
-0,034	0,300	-0,001	0,008	0,026	FALSE

-0,021	0,304	-0,001	0,012	0,031	FALSE
0,139	0,307	0,004	0,008	0,190	FALSE
-0,102	0,303	-0,002	0,006	0,132	FALSE
0,046	0,296	0,002	0,012	0,059	FALSE
-0,022	0,303	-0,001	0,011	0,040	FALSE
-0,075	0,307	-0,003	0,011	0,106	FALSE
0,127	0,298	0,004	0,012	0,145	FALSE
0,115	0,307	0,004	0,012	0,146	FALSE
0,147	0,300	0,005	0,012	0,183	FALSE
-0,117	0,295	-0,004	0,009	0,181	FALSE
0,036	0,308	0,000	0,007	0,020	FALSE
0,046	0,306	0,002	0,011	0,082	FALSE
-0,044	0,305	-0,001	0,009	0,046	FALSE
-0,056	0,311	-0,001	0,007	0,044	FALSE
-0,043	0,308	-0,002	0,012	0,049	FALSE
-0,095	0,303	-0,002	0,007	0,094	FALSE
0,002	0,311	0,001	0,013	0,015	FALSE
0,186	0,281	0,007	0,011	0,273	FALSE
0,037	0,311	0,001	0,006	0,058	FALSE
-0,110	0,300	-0,005	0,012	0,167	FALSE
0,009	0,313	0,000	0,011	0,007	FALSE
-0,033	0,300	-0,002	0,010	0,061	FALSE
0,072	0,311	0,002	0,011	0,063	FALSE
0,053	0,315	0,001	0,009	0,056	FALSE
0,068	0,317	0,001	0,006	0,062	FALSE
-0,018	0,318	0,000	0,009	0,003	FALSE
0,065	0,294	0,002	0,006	0,123	FALSE
0,056	0,297	0,002	0,011	0,083	FALSE
0,011	0,312	0,000	0,007	0,014	FALSE
0,019	0,305	0,000	0,009	0,003	FALSE
0,059	0,312	0,002	0,010	0,065	FALSE
0,090	0,291	0,003	0,010	0,121	FALSE
-0,010	0,317	-0,001	0,010	0,023	FALSE
-0,068	0,315	-0,002	0,008	0,081	FALSE
-0,016	0,314	-0,001	0,008	0,035	FALSE
-0,039	0,290	-0,001	0,012	0,040	FALSE
-0,112	0,308	-0,002	0,007	0,118	FALSE
0,076	0,310	0,002	0,007	0,110	FALSE
0,144	0,303	0,006	0,012	0,229	FALSE
-0,076	0,300	-0,002	0,009	0,089	FALSE
-0,070	0,306	-0,002	0,009	0,082	FALSE
0,008	0,310	0,000	0,009	0,005	FALSE
0,051	0,301	0,001	0,007	0,053	FALSE
0,047	0,323	0,002	0,010	0,068	FALSE
0,083	0,304	0,002	0,008	0,100	FALSE
0,103	0,301	0,003	0,008	0,135	FALSE
-0,076	0,302	-0,002	0,012	0,067	FALSE
-0,093	0,307	-0,003	0,013	0,102	FALSE
-0,134	0,286	-0,004	0,007	0,228	FALSE
0,123	0,295	0,005	0,012	0,183	FALSE
-0,069	0,319	-0,002	0,012	0,074	FALSE
-0,050	0,311	-0,002	0,010	0,068	FALSE
0,045	0,300	0,001	0,010	0,019	FALSE

0,207	0,296	0,007	0,011	0,309	FALSE
0,176	0,295	0,008	0,011	0,308	FALSE
-0,027	0,293	-0,001	0,006	0,041	FALSE
0,121	0,307	0,004	0,011	0,162	FALSE
0,001	0,310	0,000	0,012	0,006	FALSE
0,030	0,287	0,002	0,011	0,055	FALSE
-0,040	0,313	-0,002	0,010	0,054	FALSE
-0,166	0,294	-0,005	0,010	0,238	FALSE
-0,091	0,313	-0,002	0,008	0,093	FALSE
-0,007	0,292	0,000	0,007	0,006	FALSE
0,042	0,302	0,001	0,008	0,058	FALSE
-0,063	0,313	-0,001	0,009	0,062	FALSE
-0,084	0,311	-0,003	0,012	0,098	FALSE
-0,039	0,303	-0,001	0,012	0,025	FALSE
0,034	0,315	0,000	0,007	0,016	FALSE
0,082	0,298	0,001	0,008	0,068	FALSE
0,070	0,301	0,002	0,012	0,071	FALSE
-0,116	0,303	-0,004	0,012	0,113	FALSE
-0,107	0,304	-0,003	0,013	0,104	FALSE
-0,122	0,297	-0,004	0,012	0,131	FALSE
0,008	0,297	0,000	0,009	0,011	FALSE
-0,021	0,325	-0,001	0,009	0,028	FALSE
0,069	0,294	0,002	0,007	0,114	FALSE
0,180	0,294	0,007	0,012	0,262	FALSE
-0,145	0,287	-0,002	0,007	0,149	FALSE
-0,004	0,306	-0,001	0,007	0,030	FALSE
0,065	0,316	0,002	0,008	0,091	FALSE
0,056	0,301	0,001	0,008	0,045	FALSE
0,023	0,317	0,003	0,012	0,080	FALSE
-0,082	0,307	-0,002	0,007	0,100	FALSE
-0,015	0,310	0,000	0,008	0,022	FALSE
-0,045	0,305	-0,001	0,006	0,034	FALSE
0,068	0,316	0,002	0,011	0,052	FALSE
-0,104	0,310	-0,003	0,009	0,139	FALSE
-0,014	0,319	0,000	0,008	0,005	FALSE
0,136	0,297	0,004	0,008	0,233	FALSE
-0,072	0,303	-0,002	0,006	0,105	FALSE
0,250	0,297	0,006	0,008	0,381	TRUE
0,074	0,312	0,002	0,009	0,103	FALSE
-0,108	0,303	-0,004	0,010	0,180	FALSE
0,035	0,304	0,001	0,012	0,041	FALSE
-0,029	0,301	-0,001	0,011	0,046	FALSE
0,077	0,293	0,004	0,009	0,162	FALSE
0,007	0,301	0,000	0,009	0,007	FALSE
0,002	0,307	0,001	0,012	0,028	FALSE
0,022	0,309	0,001	0,011	0,041	FALSE
0,102	0,312	0,003	0,008	0,139	FALSE
-0,118	0,305	-0,004	0,010	0,160	FALSE
-0,078	0,304	-0,002	0,010	0,099	FALSE
-0,047	0,330	-0,001	0,008	0,053	FALSE
0,028	0,319	0,001	0,008	0,026	FALSE
-0,070	0,310	-0,002	0,008	0,117	FALSE
-0,026	0,313	-0,001	0,010	0,052	FALSE

0,106	0,300	0,003	0,007	0,192	FALSE
0,137	0,298	0,006	0,012	0,197	FALSE
0,033	0,316	0,002	0,011	0,070	FALSE
0,012	0,310	0,000	0,007	0,011	FALSE
-0,039	0,300	-0,002	0,012	0,047	FALSE
0,043	0,315	0,001	0,008	0,035	FALSE
-0,002	0,311	0,000	0,007	0,026	FALSE
-0,123	0,301	-0,003	0,007	0,175	FALSE
0,055	0,315	0,001	0,007	0,060	FALSE
-0,128	0,303	-0,004	0,008	0,181	FALSE
-0,029	0,298	-0,002	0,012	0,060	FALSE
-0,032	0,313	-0,001	0,006	0,070	FALSE
-0,103	0,298	-0,002	0,007	0,136	FALSE
0,122	0,305	0,003	0,006	0,192	FALSE
0,015	0,301	0,000	0,011	0,004	FALSE
0,042	0,301	0,001	0,007	0,039	FALSE
-0,059	0,313	-0,003	0,012	0,086	FALSE
0,073	0,305	0,002	0,009	0,091	FALSE
0,060	0,297	0,001	0,007	0,049	FALSE
-0,043	0,302	-0,001	0,008	0,026	FALSE
-0,065	0,303	-0,003	0,009	0,131	FALSE
0,021	0,318	0,000	0,007	0,017	FALSE
-0,008	0,310	0,001	0,009	0,021	FALSE
-0,079	0,310	-0,001	0,007	0,068	FALSE
0,005	0,320	0,000	0,009	0,010	FALSE
0,051	0,301	0,001	0,010	0,041	FALSE
-0,051	0,312	-0,001	0,011	0,030	FALSE
-0,062	0,308	-0,001	0,007	0,080	FALSE
0,148	0,300	0,006	0,010	0,261	FALSE
-0,159	0,284	-0,007	0,012	0,231	FALSE
0,116	0,292	0,004	0,010	0,177	FALSE
0,013	0,306	0,000	0,009	0,015	FALSE
0,055	0,300	0,002	0,009	0,079	FALSE
-0,059	0,294	-0,002	0,010	0,068	FALSE
0,057	0,313	0,002	0,008	0,091	FALSE
0,119	0,296	0,005	0,012	0,182	FALSE
-0,045	0,301	-0,002	0,012	0,046	FALSE
0,065	0,328	0,002	0,009	0,098	FALSE
0,094	0,311	0,003	0,007	0,135	FALSE
0,128	0,301	0,004	0,009	0,183	FALSE
0,000	0,307	0,000	0,013	0,001	FALSE
-0,059	0,307	-0,002	0,006	0,089	FALSE
0,031	0,296	0,001	0,007	0,054	FALSE
-0,066	0,303	-0,003	0,013	0,102	FALSE
0,025	0,302	0,001	0,010	0,030	FALSE
0,079	0,303	0,002	0,007	0,119	FALSE
0,061	0,292	0,003	0,011	0,119	FALSE
-0,002	0,324	0,001	0,011	0,020	FALSE
-0,040	0,305	-0,002	0,011	0,067	FALSE
0,097	0,297	0,004	0,012	0,118	FALSE
0,035	0,301	0,001	0,006	0,073	FALSE
-0,084	0,308	-0,003	0,009	0,114	FALSE
-0,085	0,300	-0,002	0,008	0,083	FALSE

-0,149	0,319	-0,004	0,009	0,175	FALSE
-0,144	0,308	-0,005	0,010	0,200	FALSE
-0,066	0,303	-0,002	0,007	0,103	FALSE
0,018	0,310	0,001	0,009	0,029	FALSE
0,019	0,286	0,001	0,008	0,037	FALSE
-0,112	0,313	-0,003	0,009	0,128	FALSE
-0,099	0,303	-0,002	0,007	0,107	FALSE
-0,017	0,304	0,000	0,013	0,008	FALSE
-0,103	0,311	-0,003	0,010	0,119	FALSE
0,003	0,320	0,001	0,011	0,029	FALSE
0,053	0,304	0,002	0,010	0,073	FALSE
0,009	0,315	0,000	0,010	0,006	FALSE
-0,055	0,296	-0,001	0,006	0,055	FALSE
0,069	0,305	0,001	0,008	0,059	FALSE
-0,107	0,312	-0,004	0,009	0,183	FALSE
-0,071	0,299	-0,003	0,011	0,101	FALSE
0,051	0,310	0,002	0,013	0,049	FALSE
-0,115	0,306	-0,005	0,010	0,205	FALSE
-0,053	0,318	-0,002	0,008	0,068	FALSE
-0,046	0,306	0,000	0,006	0,027	FALSE
-0,072	0,315	-0,002	0,006	0,109	FALSE
-0,080	0,302	-0,002	0,008	0,076	FALSE
-0,009	0,314	0,000	0,009	0,016	FALSE
0,045	0,309	0,002	0,011	0,058	FALSE
-0,036	0,316	-0,001	0,011	0,048	FALSE
-0,093	0,324	-0,002	0,009	0,104	FALSE
0,014	0,288	0,000	0,011	0,008	FALSE
0,074	0,305	0,003	0,011	0,099	FALSE
-0,069	0,297	-0,002	0,012	0,071	FALSE
0,112	0,314	0,003	0,009	0,145	FALSE
-0,085	0,316	-0,002	0,009	0,102	FALSE
-0,039	0,323	-0,001	0,007	0,037	FALSE
-0,089	0,311	-0,003	0,010	0,098	FALSE
-0,031	0,310	-0,001	0,008	0,065	FALSE
-0,122	0,296	-0,004	0,009	0,153	FALSE
0,099	0,311	0,004	0,012	0,131	FALSE
0,091	0,306	0,005	0,012	0,160	FALSE
0,058	0,296	0,002	0,008	0,069	FALSE
0,115	0,291	0,002	0,006	0,148	FALSE
0,110	0,310	0,002	0,007	0,135	FALSE
-0,056	0,287	-0,003	0,011	0,103	FALSE
0,002	0,304	-0,001	0,010	0,019	FALSE
0,028	0,300	0,000	0,011	0,007	FALSE
0,039	0,303	0,001	0,010	0,037	FALSE
-0,006	0,321	0,001	0,011	0,019	FALSE
0,062	0,296	0,002	0,011	0,080	FALSE
0,049	0,311	0,002	0,011	0,065	FALSE
0,070	0,313	0,002	0,010	0,098	FALSE
-0,147	0,300	-0,003	0,007	0,184	FALSE
-0,162	0,299	-0,003	0,007	0,215	FALSE
0,073	0,310	0,002	0,008	0,078	FALSE
0,065	0,296	0,003	0,010	0,105	FALSE
-0,090	0,296	-0,004	0,012	0,116	FALSE

0,033	0,313	0,001	0,007	0,059	FALSE
0,077	0,318	0,002	0,009	0,078	FALSE
-0,095	0,300	-0,004	0,012	0,130	FALSE
0,044	0,315	0,002	0,012	0,073	FALSE
-0,043	0,303	-0,001	0,006	0,053	FALSE
-0,029	0,294	-0,001	0,007	0,073	FALSE
-0,037	0,316	-0,002	0,012	0,049	FALSE
-0,040	0,316	-0,001	0,012	0,041	FALSE
-0,027	0,300	-0,001	0,012	0,032	FALSE
0,140	0,310	0,003	0,007	0,198	FALSE
-0,036	0,306	0,000	0,011	0,014	FALSE
0,097	0,290	0,002	0,006	0,133	FALSE
0,038	0,297	0,001	0,009	0,029	FALSE
0,006	0,301	0,000	0,009	0,016	FALSE
-0,023	0,300	-0,001	0,006	0,048	FALSE
0,014	0,316	0,001	0,013	0,021	FALSE
0,069	0,296	0,002	0,010	0,068	FALSE
-0,072	0,303	-0,002	0,007	0,087	FALSE
-0,009	0,300	-0,001	0,007	0,032	FALSE
-0,055	0,303	-0,001	0,008	0,051	FALSE
-0,019	0,302	0,000	0,011	0,002	FALSE
0,074	0,323	0,003	0,010	0,112	FALSE
0,077	0,313	0,002	0,006	0,107	FALSE
0,076	0,305	0,002	0,006	0,111	FALSE
-0,174	0,301	-0,007	0,013	0,254	FALSE
0,037	0,293	0,000	0,011	0,014	FALSE
-0,082	0,311	-0,002	0,006	0,108	FALSE
-0,094	0,316	-0,002	0,007	0,112	FALSE
-0,041	0,295	-0,001	0,010	0,022	FALSE
0,007	0,317	0,000	0,011	0,005	FALSE
0,084	0,307	0,003	0,012	0,088	FALSE
0,090	0,306	0,003	0,012	0,104	FALSE
0,036	0,306	0,000	0,008	0,012	FALSE
0,008	0,303	0,000	0,011	0,003	FALSE
0,049	0,315	0,001	0,012	0,042	FALSE
0,077	0,309	0,003	0,011	0,122	FALSE
0,081	0,306	0,002	0,007	0,128	FALSE
0,057	0,310	0,001	0,009	0,032	FALSE
0,012	0,311	0,001	0,011	0,017	FALSE
-0,022	0,306	0,000	0,006	0,002	FALSE
-0,064	0,304	-0,002	0,012	0,071	FALSE
-0,051	0,309	-0,002	0,013	0,071	FALSE
-0,136	0,315	-0,004	0,009	0,198	FALSE
-0,034	0,306	-0,002	0,010	0,061	FALSE
-0,121	0,314	-0,003	0,007	0,147	FALSE
-0,209	0,302	-0,006	0,008	0,335	FALSE
0,039	0,300	0,001	0,012	0,045	FALSE
-0,061	0,319	-0,003	0,013	0,080	FALSE
-0,027	0,295	-0,001	0,012	0,028	FALSE
-0,082	0,312	-0,004	0,012	0,119	FALSE
-0,016	0,302	0,000	0,010	0,006	FALSE
-0,063	0,316	-0,001	0,007	0,078	FALSE
-0,005	0,299	0,000	0,008	0,008	FALSE

0,133	0,314	0,005	0,012	0,170	FALSE
0,066	0,304	0,001	0,006	0,080	FALSE
0,116	0,310	0,003	0,006	0,188	FALSE
0,037	0,309	0,001	0,012	0,021	FALSE
0,018	0,312	0,000	0,009	0,002	FALSE
-0,028	0,309	0,000	0,007	0,015	FALSE
0,020	0,301	0,000	0,007	0,008	FALSE
0,025	0,321	0,001	0,013	0,040	FALSE
-0,152	0,291	-0,003	0,007	0,192	FALSE
0,017	0,304	0,001	0,007	0,044	FALSE
-0,114	0,317	-0,005	0,013	0,172	FALSE
0,094	0,308	0,003	0,011	0,105	FALSE
-0,036	0,306	-0,001	0,010	0,027	FALSE
-0,027	0,301	-0,001	0,012	0,033	FALSE
-0,052	0,306	-0,002	0,011	0,069	FALSE
-0,019	0,322	0,000	0,008	0,007	FALSE
-0,029	0,317	0,000	0,008	0,018	FALSE
-0,057	0,313	-0,002	0,009	0,098	FALSE
0,006	0,318	0,000	0,009	0,005	FALSE
0,023	0,314	0,001	0,008	0,031	FALSE
0,085	0,304	0,004	0,012	0,142	FALSE
-0,177	0,295	-0,007	0,011	0,263	FALSE
-0,111	0,307	-0,004	0,009	0,170	FALSE
0,081	0,298	0,003	0,012	0,100	FALSE
-0,045	0,307	-0,001	0,006	0,071	FALSE
0,009	0,297	0,001	0,009	0,029	FALSE
0,103	0,315	0,002	0,006	0,101	FALSE
0,100	0,318	0,003	0,012	0,107	FALSE
-0,060	0,297	-0,001	0,008	0,068	FALSE
-0,005	0,317	0,000	0,007	0,001	FALSE
0,008	0,314	0,001	0,010	0,018	FALSE
0,074	0,303	0,001	0,007	0,068	FALSE
0,000	0,302	0,000	0,006	0,021	FALSE
0,051	0,311	0,002	0,010	0,072	FALSE
0,064	0,302	0,003	0,012	0,086	FALSE
0,127	0,309	0,003	0,009	0,125	FALSE
-0,135	0,301	-0,003	0,008	0,180	FALSE
-0,012	0,322	0,000	0,010	0,014	FALSE
-0,068	0,310	-0,001	0,006	0,066	FALSE
-0,088	0,282	-0,004	0,011	0,143	FALSE
-0,017	0,306	-0,001	0,011	0,030	FALSE
-0,055	0,320	-0,001	0,010	0,043	FALSE
0,042	0,313	0,001	0,009	0,045	FALSE
0,088	0,315	0,002	0,009	0,092	FALSE
0,136	0,307	0,006	0,012	0,199	FALSE
-0,050	0,307	-0,001	0,007	0,066	FALSE
0,090	0,304	0,002	0,009	0,088	FALSE
-0,153	0,311	-0,003	0,007	0,201	FALSE
-0,063	0,305	-0,002	0,008	0,087	FALSE
0,048	0,317	0,002	0,013	0,052	FALSE
-0,067	0,324	-0,001	0,007	0,062	FALSE
-0,033	0,316	-0,001	0,010	0,035	FALSE
-0,037	0,295	-0,001	0,009	0,055	FALSE

-0,049	0,302	-0,002	0,009	0,068	FALSE
-0,002	0,309	0,000	0,008	0,007	FALSE
0,049	0,303	0,002	0,012	0,067	FALSE
0,019	0,315	0,001	0,013	0,024	FALSE
-0,059	0,308	-0,001	0,006	0,078	FALSE
-0,044	0,304	-0,001	0,011	0,043	FALSE
-0,161	0,311	-0,004	0,008	0,194	FALSE
-0,099	0,304	-0,004	0,012	0,131	FALSE
-0,102	0,309	-0,004	0,012	0,124	FALSE
0,086	0,305	0,003	0,012	0,113	FALSE
-0,012	0,307	-0,001	0,011	0,019	FALSE
0,052	0,305	0,001	0,011	0,042	FALSE
-0,116	0,296	-0,006	0,012	0,183	FALSE
-0,093	0,305	-0,005	0,012	0,149	FALSE
-0,163	0,302	-0,007	0,013	0,246	FALSE
0,045	0,293	0,002	0,009	0,064	FALSE
0,087	0,307	0,003	0,009	0,125	FALSE
0,199	0,307	0,004	0,007	0,254	FALSE
-0,184	0,282	-0,008	0,012	0,284	FALSE
-0,042	0,313	-0,001	0,012	0,035	FALSE
-0,067	0,303	-0,003	0,011	0,084	FALSE
0,013	0,311	0,000	0,008	0,012	FALSE
-0,112	0,310	-0,002	0,008	0,102	FALSE
-0,011	0,314	0,000	0,007	0,011	FALSE
0,035	0,321	0,001	0,008	0,049	FALSE
0,010	0,315	0,000	0,011	0,006	FALSE
0,086	0,297	0,003	0,011	0,100	FALSE
-0,011	0,308	-0,002	0,012	0,056	FALSE
0,070	0,313	0,002	0,009	0,096	FALSE
0,031	0,312	0,001	0,014	0,024	FALSE
-0,054	0,288	-0,002	0,008	0,076	FALSE
0,084	0,298	0,003	0,012	0,094	FALSE
0,092	0,301	0,004	0,011	0,138	FALSE
-0,047	0,304	-0,001	0,008	0,033	FALSE
-0,071	0,305	-0,001	0,009	0,059	FALSE
-0,073	0,308	-0,001	0,006	0,087	FALSE
0,030	0,309	0,000	0,007	0,018	FALSE
0,035	0,308	0,002	0,009	0,059	FALSE
0,120	0,320	0,004	0,012	0,128	FALSE
0,071	0,312	0,001	0,007	0,068	FALSE
-0,014	0,297	0,000	0,008	0,019	FALSE
0,190	0,296	0,007	0,012	0,248	FALSE
0,194	0,296	0,007	0,012	0,246	FALSE
-0,110	0,320	-0,002	0,008	0,113	FALSE
-0,109	0,315	-0,004	0,010	0,151	FALSE
-0,055	0,309	-0,002	0,010	0,064	FALSE
0,028	0,312	0,001	0,013	0,043	FALSE
0,050	0,314	0,003	0,013	0,076	FALSE
-0,062	0,308	-0,002	0,009	0,086	FALSE
-0,032	0,299	-0,001	0,007	0,027	FALSE
0,206	0,309	0,004	0,007	0,287	FALSE
0,109	0,301	0,004	0,012	0,133	FALSE
-0,163	0,305	-0,004	0,006	0,236	FALSE

-0,027	0,289	-0,001	0,006	0,059	FALSE
0,093	0,309	0,003	0,009	0,131	FALSE
0,097	0,300	0,002	0,008	0,081	FALSE
0,107	0,297	0,003	0,007	0,159	FALSE
0,009	0,304	0,001	0,006	0,032	FALSE
0,001	0,307	0,000	0,008	0,010	FALSE
0,019	0,316	0,001	0,012	0,037	FALSE
0,084	0,300	0,003	0,009	0,127	FALSE
-0,051	0,312	-0,001	0,011	0,048	FALSE
0,064	0,315	0,002	0,011	0,083	FALSE
0,077	0,294	0,003	0,010	0,128	FALSE
0,029	0,313	0,001	0,010	0,043	FALSE
0,081	0,289	0,003	0,012	0,103	FALSE
0,023	0,303	0,000	0,009	0,002	FALSE
-0,008	0,309	0,000	0,007	0,027	FALSE
0,119	0,289	0,004	0,008	0,189	FALSE
0,118	0,304	0,005	0,013	0,159	FALSE
-0,134	0,315	-0,003	0,007	0,196	FALSE
0,016	0,292	0,000	0,012	0,000	FALSE
0,089	0,301	0,004	0,009	0,162	FALSE
-0,044	0,306	-0,001	0,008	0,034	FALSE
0,162	0,314	0,007	0,012	0,242	FALSE
-0,146	0,298	-0,005	0,008	0,235	FALSE
0,024	0,304	0,001	0,010	0,031	FALSE
0,065	0,302	0,003	0,011	0,108	FALSE
0,085	0,307	0,003	0,008	0,127	FALSE
0,034	0,298	0,001	0,012	0,036	FALSE
-0,011	0,289	-0,001	0,012	0,037	FALSE
0,026	0,312	0,001	0,009	0,051	FALSE
-0,116	0,288	-0,002	0,006	0,147	FALSE
-0,127	0,313	-0,003	0,007	0,166	FALSE
0,086	0,316	0,002	0,009	0,072	FALSE
-0,038	0,307	-0,001	0,007	0,032	FALSE
-0,044	0,306	-0,001	0,006	0,041	FALSE
-0,150	0,305	-0,003	0,007	0,194	FALSE
-0,036	0,310	-0,002	0,012	0,060	FALSE
0,121	0,299	0,004	0,009	0,205	FALSE
0,176	0,305	0,006	0,009	0,311	FALSE
0,120	0,300	0,004	0,007	0,218	FALSE
-0,080	0,297	-0,002	0,008	0,108	FALSE
-0,016	0,316	0,000	0,008	0,001	FALSE
-0,008	0,318	0,000	0,013	0,014	FALSE
-0,021	0,322	-0,001	0,008	0,029	FALSE
0,043	0,318	0,002	0,011	0,058	FALSE
0,054	0,311	0,003	0,011	0,115	FALSE
0,063	0,315	0,003	0,013	0,082	FALSE
0,068	0,309	0,004	0,012	0,115	FALSE
0,015	0,299	0,000	0,011	0,007	FALSE
0,057	0,316	0,001	0,007	0,073	FALSE
-0,058	0,313	-0,003	0,012	0,077	FALSE
-0,022	0,301	0,000	0,009	0,003	FALSE
-0,044	0,325	-0,001	0,010	0,044	FALSE
-0,080	0,315	-0,002	0,008	0,095	FALSE

-0,069	0,305	-0,002	0,009	0,091	FALSE
0,005	0,313	0,000	0,013	0,006	FALSE
-0,039	0,310	-0,001	0,007	0,057	FALSE
0,084	0,296	0,003	0,008	0,166	FALSE
0,012	0,307	0,000	0,006	0,011	FALSE
-0,111	0,302	-0,003	0,009	0,136	FALSE
-0,105	0,307	-0,003	0,010	0,119	FALSE
-0,126	0,304	-0,005	0,012	0,159	FALSE
-0,097	0,312	-0,002	0,007	0,132	FALSE
-0,053	0,309	-0,003	0,012	0,097	FALSE
0,032	0,297	0,002	0,012	0,056	FALSE
0,106	0,294	0,004	0,010	0,150	FALSE
0,121	0,301	0,004	0,011	0,143	FALSE
0,036	0,321	0,000	0,007	0,022	FALSE
-0,007	0,312	0,000	0,007	0,026	FALSE
-0,049	0,306	-0,002	0,011	0,056	FALSE
-0,009	0,310	0,000	0,007	0,024	FALSE
-0,030	0,312	0,000	0,006	0,011	FALSE
0,047	0,300	0,001	0,008	0,038	FALSE
0,022	0,304	0,000	0,009	0,013	FALSE
0,047	0,302	0,001	0,008	0,042	FALSE
0,040	0,316	0,001	0,008	0,041	FALSE
0,028	0,314	0,000	0,008	0,015	FALSE
0,030	0,310	0,001	0,011	0,036	FALSE
0,055	0,298	0,002	0,010	0,081	FALSE
0,058	0,315	0,002	0,010	0,070	FALSE
0,027	0,305	0,001	0,011	0,037	FALSE
-0,090	0,309	-0,002	0,007	0,097	FALSE
-0,038	0,316	0,000	0,006	0,024	FALSE
0,038	0,305	0,001	0,009	0,036	FALSE
-0,099	0,315	-0,003	0,009	0,126	FALSE
-0,105	0,313	-0,003	0,008	0,128	FALSE
0,118	0,300	0,004	0,010	0,177	FALSE
0,007	0,322	0,001	0,012	0,029	FALSE
-0,043	0,316	-0,001	0,008	0,024	FALSE
0,044	0,324	0,002	0,013	0,049	FALSE
-0,090	0,310	-0,001	0,007	0,081	FALSE
-0,056	0,313	-0,002	0,011	0,079	FALSE
0,016	0,296	0,000	0,009	0,006	FALSE
-0,111	0,310	-0,003	0,007	0,160	FALSE
0,064	0,296	0,003	0,010	0,106	FALSE
0,080	0,306	0,003	0,008	0,138	FALSE
0,074	0,303	0,002	0,009	0,095	FALSE
-0,054	0,316	-0,001	0,008	0,039	FALSE
0,068	0,311	0,002	0,013	0,074	FALSE
-0,058	0,310	-0,003	0,013	0,082	FALSE
0,026	0,319	0,001	0,008	0,044	FALSE
-0,135	0,309	-0,003	0,006	0,176	FALSE
0,081	0,296	0,002	0,007	0,118	FALSE
-0,012	0,287	0,000	0,012	0,005	FALSE
-0,010	0,311	0,000	0,011	0,003	FALSE
-0,105	0,308	-0,002	0,007	0,129	FALSE
0,035	0,295	0,002	0,007	0,084	FALSE

0,083	0,311	0,002	0,012	0,068	FALSE
-0,001	0,301	0,000	0,009	0,007	FALSE
-0,020	0,307	-0,001	0,007	0,046	FALSE
-0,056	0,315	-0,002	0,008	0,067	FALSE
-0,011	0,308	0,000	0,008	0,001	FALSE
0,131	0,296	0,003	0,006	0,172	FALSE
-0,068	0,301	-0,002	0,007	0,097	FALSE
-0,120	0,303	-0,002	0,006	0,151	FALSE
-0,118	0,298	-0,002	0,006	0,140	FALSE
0,059	0,305	0,002	0,009	0,100	FALSE
0,065	0,304	0,001	0,008	0,041	FALSE
0,011	0,306	0,001	0,008	0,035	FALSE
-0,092	0,303	-0,003	0,010	0,103	FALSE
-0,071	0,307	-0,003	0,010	0,107	FALSE
0,087	0,310	0,003	0,011	0,102	FALSE
0,049	0,313	0,002	0,013	0,060	FALSE
-0,026	0,303	0,000	0,006	0,013	FALSE
-0,035	0,299	-0,001	0,010	0,025	FALSE
0,000	0,301	0,000	0,009	0,003	FALSE
0,016	0,308	0,000	0,008	0,011	FALSE
0,012	0,306	0,001	0,011	0,023	FALSE
0,003	0,306	0,000	0,008	0,005	FALSE
-0,062	0,319	-0,001	0,010	0,047	FALSE
0,077	0,303	0,003	0,012	0,114	FALSE
-0,065	0,305	-0,001	0,007	0,073	FALSE
0,006	0,318	0,000	0,008	0,013	FALSE
0,106	0,302	0,005	0,011	0,189	FALSE
0,043	0,316	0,002	0,009	0,069	FALSE
-0,110	0,304	-0,003	0,007	0,167	FALSE
-0,026	0,305	-0,001	0,007	0,031	FALSE
0,068	0,310	0,002	0,008	0,083	FALSE
-0,134	0,300	-0,005	0,011	0,184	FALSE
-0,027	0,303	-0,001	0,008	0,039	FALSE
-0,089	0,299	-0,003	0,010	0,116	FALSE
0,002	0,314	0,000	0,011	0,013	FALSE
-0,020	0,304	-0,001	0,010	0,027	FALSE
-0,087	0,313	-0,002	0,009	0,084	FALSE
-0,070	0,309	-0,002	0,009	0,074	FALSE
0,035	0,293	0,001	0,009	0,045	FALSE
-0,029	0,292	-0,001	0,008	0,031	FALSE
-0,081	0,301	-0,002	0,007	0,128	FALSE
0,055	0,309	0,003	0,011	0,100	FALSE
-0,066	0,286	-0,002	0,008	0,086	FALSE
-0,035	0,299	-0,002	0,009	0,068	FALSE
0,007	0,308	0,000	0,010	0,011	FALSE
0,057	0,304	0,002	0,006	0,099	FALSE
-0,083	0,307	-0,002	0,008	0,118	FALSE
0,023	0,298	0,000	0,006	0,008	FALSE
-0,025	0,327	0,000	0,007	0,021	FALSE
-0,114	0,296	-0,005	0,012	0,168	FALSE
-0,098	0,288	-0,002	0,010	0,094	FALSE
0,026	0,304	0,001	0,009	0,023	FALSE
0,072	0,298	0,002	0,007	0,103	FALSE

0,084	0,312	0,003	0,008	0,129	FALSE
0,035	0,312	0,001	0,009	0,054	FALSE
0,124	0,322	0,004	0,010	0,139	FALSE
0,092	0,321	0,003	0,011	0,088	FALSE
0,043	0,294	0,001	0,007	0,034	FALSE
0,013	0,298	0,000	0,012	0,003	FALSE
0,026	0,322	0,001	0,008	0,045	FALSE
-0,050	0,308	-0,002	0,013	0,045	FALSE
0,033	0,286	0,002	0,009	0,068	FALSE
0,035	0,311	0,001	0,007	0,065	FALSE
0,031	0,302	0,001	0,012	0,044	FALSE
-0,025	0,318	0,000	0,007	0,021	FALSE
0,003	0,308	0,000	0,008	0,020	FALSE
0,054	0,300	0,001	0,006	0,074	FALSE
0,110	0,305	0,004	0,010	0,149	FALSE
0,128	0,295	0,003	0,012	0,103	FALSE
-0,019	0,301	0,001	0,012	0,018	FALSE
0,010	0,301	0,002	0,013	0,065	FALSE
0,011	0,316	-0,001	0,013	0,014	FALSE
-0,138	0,291	-0,003	0,008	0,178	FALSE
0,026	0,303	0,000	0,006	0,020	FALSE
0,073	0,315	0,001	0,007	0,055	FALSE
0,102	0,307	0,003	0,009	0,138	FALSE
-0,147	0,318	-0,006	0,013	0,217	FALSE
0,023	0,296	0,001	0,012	0,025	FALSE
0,168	0,303	0,005	0,008	0,236	FALSE
0,007	0,317	0,000	0,010	0,013	FALSE
0,008	0,308	0,001	0,012	0,024	FALSE
-0,180	0,311	-0,006	0,010	0,275	FALSE
-0,010	0,302	0,000	0,007	0,023	FALSE
-0,034	0,307	0,000	0,008	0,010	FALSE
-0,084	0,296	-0,002	0,008	0,081	FALSE
-0,006	0,297	0,000	0,012	0,013	FALSE
-0,143	0,308	-0,003	0,008	0,172	FALSE
0,105	0,303	0,003	0,008	0,133	FALSE
0,144	0,309	0,005	0,011	0,181	FALSE
0,151	0,304	0,006	0,012	0,200	FALSE
0,111	0,309	0,004	0,012	0,118	FALSE
-0,022	0,294	0,000	0,012	0,006	FALSE
0,025	0,315	0,000	0,008	0,020	FALSE
-0,013	0,316	0,000	0,011	0,005	FALSE
0,043	0,301	0,001	0,007	0,059	FALSE
0,011	0,323	0,001	0,012	0,031	FALSE
-0,081	0,308	-0,003	0,010	0,102	FALSE
-0,054	0,306	-0,002	0,012	0,058	FALSE
-0,043	0,309	-0,002	0,009	0,072	FALSE
0,058	0,308	0,002	0,008	0,068	FALSE
0,012	0,305	0,001	0,012	0,038	FALSE
-0,047	0,302	-0,001	0,007	0,049	FALSE
0,051	0,303	0,002	0,008	0,077	FALSE
0,054	0,309	0,001	0,006	0,067	FALSE
0,151	0,301	0,005	0,011	0,198	FALSE
0,138	0,321	0,005	0,013	0,157	FALSE

-0,026	0,308	-0,001	0,009	0,053	FALSE
-0,060	0,303	-0,003	0,009	0,115	FALSE
0,087	0,309	0,002	0,009	0,102	FALSE
-0,101	0,318	-0,003	0,009	0,137	FALSE
0,122	0,299	0,003	0,009	0,125	FALSE
-0,141	0,311	-0,007	0,013	0,228	FALSE
0,157	0,294	0,005	0,008	0,267	FALSE
0,005	0,300	0,000	0,007	0,010	FALSE
0,057	0,298	0,002	0,011	0,083	FALSE
-0,040	0,329	-0,002	0,013	0,059	FALSE
0,005	0,306	-0,001	0,012	0,015	FALSE
0,066	0,311	0,001	0,007	0,045	FALSE
-0,101	0,315	-0,003	0,009	0,153	FALSE
0,177	0,297	0,005	0,009	0,240	FALSE
0,036	0,318	0,001	0,012	0,033	FALSE
0,008	0,307	0,000	0,009	0,008	FALSE
0,108	0,302	0,004	0,009	0,174	FALSE
-0,048	0,313	-0,001	0,007	0,029	FALSE
-0,051	0,300	-0,001	0,006	0,071	FALSE
-0,097	0,312	-0,004	0,012	0,128	FALSE
0,007	0,298	0,000	0,012	0,008	FALSE
-0,066	0,305	-0,002	0,012	0,073	FALSE
-0,111	0,296	-0,004	0,010	0,164	FALSE
0,006	0,327	0,000	0,008	0,011	FALSE
0,037	0,307	0,001	0,007	0,033	FALSE
-0,003	0,303	0,000	0,007	0,006	FALSE
0,071	0,305	0,001	0,012	0,043	FALSE
0,021	0,315	0,000	0,007	0,019	FALSE
-0,098	0,316	-0,002	0,007	0,109	FALSE
0,027	0,319	0,000	0,007	0,019	FALSE
-0,005	0,314	0,000	0,007	0,013	FALSE
0,028	0,323	0,000	0,007	0,024	FALSE
0,019	0,315	0,000	0,007	0,021	FALSE
0,063	0,315	0,002	0,012	0,076	FALSE
0,039	0,291	0,001	0,006	0,053	FALSE
0,016	0,317	0,000	0,006	0,022	FALSE
0,172	0,285	0,006	0,010	0,256	FALSE
-0,115	0,301	-0,005	0,012	0,175	FALSE
-0,102	0,292	-0,003	0,006	0,166	FALSE
-0,115	0,303	-0,005	0,012	0,163	FALSE
-0,038	0,305	-0,001	0,008	0,056	FALSE
-0,137	0,294	-0,005	0,009	0,244	FALSE
0,071	0,317	0,001	0,007	0,037	FALSE
-0,022	0,314	0,000	0,013	0,004	FALSE
0,044	0,321	0,001	0,012	0,030	FALSE
-0,131	0,302	-0,005	0,012	0,179	FALSE
-0,080	0,310	-0,003	0,011	0,103	FALSE
-0,088	0,303	-0,002	0,011	0,071	FALSE
0,037	0,312	0,000	0,006	0,023	FALSE
0,017	0,311	0,001	0,010	0,040	FALSE
0,029	0,297	0,001	0,009	0,050	FALSE
-0,010	0,310	0,000	0,011	0,009	FALSE
0,049	0,313	0,002	0,009	0,072	FALSE

0,078	0,300	0,002	0,008	0,116	FALSE
0,034	0,325	0,001	0,009	0,032	FALSE
0,137	0,300	0,005	0,010	0,185	FALSE
0,065	0,310	0,003	0,010	0,104	FALSE
0,011	0,317	0,000	0,008	0,008	FALSE
-0,077	0,303	-0,002	0,012	0,077	FALSE
0,004	0,303	0,000	0,009	0,012	FALSE
-0,065	0,289	-0,001	0,006	0,078	FALSE
0,030	0,316	0,000	0,007	0,008	FALSE
0,006	0,304	0,000	0,009	0,014	FALSE
-0,005	0,302	0,001	0,011	0,031	FALSE
-0,018	0,310	-0,001	0,012	0,027	FALSE
-0,051	0,297	-0,001	0,007	0,055	FALSE
0,010	0,307	0,000	0,007	0,006	FALSE
-0,046	0,308	-0,001	0,008	0,053	FALSE
0,030	0,306	0,001	0,008	0,034	FALSE
0,124	0,306	0,004	0,011	0,148	FALSE
-0,019	0,314	0,000	0,012	0,009	FALSE
-0,021	0,304	0,000	0,007	0,010	FALSE
-0,025	0,297	0,000	0,010	0,016	FALSE
-0,080	0,274	-0,004	0,012	0,126	FALSE
-0,071	0,315	-0,002	0,010	0,079	FALSE
-0,020	0,311	0,000	0,007	0,004	FALSE
-0,048	0,303	-0,002	0,010	0,070	FALSE
-0,073	0,314	-0,003	0,013	0,087	FALSE
0,047	0,309	0,002	0,012	0,074	FALSE
-0,076	0,306	-0,002	0,008	0,091	FALSE
-0,016	0,288	-0,001	0,012	0,026	FALSE
0,003	0,304	0,000	0,013	0,002	FALSE
0,022	0,298	0,000	0,010	0,011	FALSE
-0,003	0,308	0,000	0,009	0,016	FALSE
0,027	0,304	0,001	0,012	0,042	FALSE
-0,009	0,321	0,000	0,008	0,009	FALSE
-0,132	0,308	-0,004	0,011	0,157	FALSE
-0,020	0,315	0,000	0,009	0,010	FALSE
-0,138	0,306	-0,003	0,007	0,197	FALSE
0,017	0,295	0,001	0,009	0,047	FALSE
-0,028	0,305	-0,001	0,010	0,048	FALSE
0,060	0,294	0,002	0,008	0,086	FALSE
-0,001	0,330	0,000	0,013	0,002	FALSE
0,040	0,321	0,001	0,007	0,068	FALSE
0,031	0,298	0,001	0,006	0,032	FALSE
0,060	0,319	0,002	0,008	0,078	FALSE
-0,008	0,307	0,000	0,008	0,013	FALSE
0,180	0,317	0,007	0,012	0,254	FALSE
-0,003	0,299	0,000	0,012	0,004	FALSE
0,197	0,294	0,005	0,007	0,317	FALSE
0,093	0,299	0,004	0,012	0,129	FALSE
0,272	0,293	0,012	0,012	0,457	FALSE
0,111	0,313	0,003	0,008	0,128	FALSE
-0,052	0,308	-0,001	0,006	0,050	FALSE
0,020	0,317	0,000	0,013	0,002	FALSE
0,014	0,308	0,001	0,012	0,041	FALSE

0,104	0,298	0,003	0,008	0,149	FALSE
0,007	0,297	0,001	0,009	0,028	FALSE
0,001	0,318	-0,001	0,012	0,025	FALSE
0,089	0,288	0,003	0,010	0,110	FALSE
-0,008	0,316	0,000	0,009	0,017	FALSE
0,050	0,319	0,002	0,012	0,066	FALSE
-0,021	0,317	-0,001	0,012	0,035	FALSE
0,088	0,296	0,002	0,006	0,138	FALSE
0,160	0,303	0,006	0,009	0,256	FALSE
-0,041	0,303	-0,002	0,009	0,065	FALSE
0,049	0,319	0,001	0,009	0,064	FALSE
-0,035	0,312	-0,001	0,008	0,034	FALSE
-0,029	0,311	-0,001	0,006	0,038	FALSE
-0,015	0,307	0,000	0,008	0,011	FALSE
-0,039	0,303	-0,001	0,007	0,054	FALSE
0,094	0,294	0,003	0,006	0,197	FALSE
0,031	0,297	0,001	0,007	0,054	FALSE
0,023	0,316	0,002	0,013	0,064	FALSE
0,090	0,306	0,002	0,007	0,090	FALSE
0,126	0,312	0,004	0,010	0,158	FALSE
0,028	0,319	0,001	0,010	0,047	FALSE
-0,003	0,320	0,000	0,010	0,011	FALSE
-0,027	0,310	-0,001	0,011	0,042	FALSE
-0,042	0,298	-0,001	0,008	0,063	FALSE
-0,002	0,290	-0,001	0,012	0,019	FALSE
-0,040	0,313	-0,001	0,011	0,035	FALSE
0,159	0,314	0,004	0,008	0,190	FALSE
0,132	0,307	0,004	0,010	0,156	FALSE
0,105	0,300	0,003	0,009	0,114	FALSE
0,097	0,300	0,003	0,011	0,101	FALSE
-0,041	0,311	-0,001	0,008	0,056	FALSE
-0,068	0,306	-0,003	0,013	0,105	FALSE
-0,092	0,313	-0,002	0,007	0,085	FALSE
-0,129	0,313	-0,003	0,008	0,171	FALSE
0,136	0,300	0,004	0,011	0,154	FALSE
-0,083	0,313	-0,002	0,009	0,091	FALSE
0,086	0,306	0,002	0,007	0,100	FALSE
-0,055	0,308	-0,001	0,007	0,049	FALSE
0,127	0,304	0,004	0,010	0,161	FALSE
0,037	0,324	0,002	0,013	0,049	FALSE
0,004	0,289	0,000	0,008	0,022	FALSE
-0,076	0,314	-0,003	0,013	0,096	FALSE
0,036	0,313	0,001	0,011	0,024	FALSE
-0,044	0,317	-0,001	0,007	0,044	FALSE
0,013	0,310	0,000	0,007	0,014	FALSE
-0,023	0,302	0,000	0,010	0,007	FALSE
-0,162	0,296	-0,006	0,009	0,263	FALSE
0,039	0,300	0,001	0,008	0,042	FALSE
0,038	0,306	0,001	0,008	0,032	FALSE
0,001	0,305	0,001	0,012	0,017	FALSE
0,040	0,299	0,001	0,006	0,045	FALSE
-0,023	0,314	0,000	0,007	0,016	FALSE
-0,031	0,321	0,000	0,007	0,019	FALSE

0,118	0,306	0,003	0,007	0,154	FALSE
0,045	0,302	0,001	0,009	0,060	FALSE
0,150	0,292	0,003	0,007	0,186	FALSE
-0,190	0,295	-0,006	0,011	0,234	FALSE
0,013	0,320	0,000	0,007	0,018	FALSE
-0,095	0,301	-0,003	0,008	0,133	FALSE
-0,061	0,317	-0,002	0,013	0,065	FALSE
0,028	0,319	0,000	0,009	0,016	FALSE
-0,039	0,307	-0,001	0,012	0,045	FALSE
0,052	0,301	0,003	0,012	0,081	FALSE
-0,019	0,303	-0,001	0,008	0,039	FALSE
-0,037	0,299	-0,001	0,011	0,041	FALSE
-0,004	0,306	0,000	0,008	0,005	FALSE
0,157	0,305	0,004	0,007	0,254	FALSE
-0,143	0,302	-0,005	0,010	0,226	FALSE
-0,056	0,316	-0,002	0,008	0,067	FALSE
0,137	0,305	0,002	0,007	0,131	FALSE
0,001	0,319	0,001	0,013	0,033	FALSE
-0,029	0,303	0,000	0,011	0,005	FALSE
0,046	0,300	0,001	0,010	0,043	FALSE
-0,139	0,315	-0,004	0,009	0,182	FALSE
-0,060	0,311	-0,002	0,011	0,062	FALSE
-0,001	0,298	-0,001	0,012	0,025	FALSE
0,080	0,297	0,003	0,010	0,115	FALSE
0,007	0,316	0,000	0,008	0,018	FALSE
0,153	0,305	0,004	0,010	0,181	FALSE
0,018	0,311	0,001	0,009	0,052	FALSE
0,022	0,312	0,001	0,009	0,043	FALSE
0,003	0,310	0,001	0,009	0,024	FALSE
-0,077	0,300	-0,002	0,009	0,073	FALSE
-0,066	0,325	-0,002	0,010	0,083	FALSE
0,000	0,303	0,001	0,011	0,030	FALSE
-0,035	0,294	-0,001	0,012	0,024	FALSE
0,140	0,305	0,003	0,006	0,178	FALSE
-0,005	0,300	0,001	0,007	0,026	FALSE
0,039	0,296	0,001	0,013	0,037	FALSE
0,043	0,303	0,002	0,013	0,057	FALSE
-0,013	0,291	0,000	0,012	0,012	FALSE
-0,132	0,305	-0,005	0,011	0,184	FALSE
-0,006	0,318	0,000	0,010	0,011	FALSE
0,051	0,305	0,001	0,008	0,066	FALSE
0,029	0,304	0,000	0,007	0,004	FALSE
0,006	0,301	0,000	0,010	0,008	FALSE
-0,063	0,317	-0,001	0,006	0,079	FALSE
0,126	0,307	0,003	0,007	0,181	FALSE
-0,044	0,292	-0,002	0,012	0,058	FALSE
-0,037	0,296	-0,001	0,012	0,029	FALSE
-0,048	0,295	-0,001	0,009	0,025	FALSE
-0,167	0,314	-0,004	0,008	0,248	FALSE
-0,020	0,306	-0,001	0,012	0,032	FALSE
-0,004	0,290	0,000	0,007	0,001	FALSE
0,053	0,293	0,003	0,010	0,096	FALSE
-0,009	0,278	0,000	0,012	0,009	FALSE

0,015	0,317	0,000	0,008	0,016	FALSE
0,009	0,295	0,001	0,012	0,019	FALSE
-0,007	0,324	0,000	0,008	0,021	FALSE
-0,061	0,312	-0,002	0,012	0,072	FALSE
0,093	0,292	0,004	0,009	0,165	FALSE
-0,065	0,302	-0,001	0,007	0,062	FALSE
-0,061	0,301	-0,002	0,009	0,066	FALSE
0,029	0,311	0,001	0,008	0,036	FALSE
0,150	0,305	0,003	0,006	0,219	FALSE
0,046	0,314	0,001	0,008	0,048	FALSE
0,100	0,300	0,004	0,012	0,136	FALSE
-0,064	0,317	-0,002	0,008	0,105	FALSE
-0,048	0,297	-0,003	0,011	0,114	FALSE
0,018	0,293	-0,001	0,010	0,025	FALSE
-0,068	0,302	-0,002	0,007	0,084	FALSE
-0,011	0,298	-0,002	0,010	0,060	FALSE
0,195	0,320	0,006	0,011	0,224	FALSE
0,181	0,313	0,006	0,011	0,229	FALSE
0,002	0,299	-0,001	0,009	0,028	FALSE
-0,119	0,302	-0,004	0,012	0,124	FALSE
0,007	0,298	0,000	0,007	0,003	FALSE
0,086	0,304	0,003	0,009	0,114	FALSE
-0,047	0,297	-0,002	0,010	0,090	FALSE
-0,028	0,298	-0,002	0,010	0,072	FALSE
-0,077	0,299	-0,002	0,007	0,094	FALSE
0,066	0,324	0,002	0,009	0,091	FALSE
0,094	0,300	0,004	0,011	0,139	FALSE
0,017	0,302	0,001	0,009	0,038	FALSE
0,129	0,301	0,005	0,012	0,177	FALSE
0,021	0,312	0,001	0,008	0,032	FALSE
-0,019	0,299	-0,001	0,012	0,043	FALSE
-0,072	0,305	-0,002	0,011	0,083	FALSE
0,105	0,305	0,003	0,010	0,137	FALSE
-0,170	0,295	-0,006	0,011	0,246	FALSE
-0,061	0,312	-0,002	0,007	0,092	FALSE
0,186	0,302	0,004	0,007	0,263	FALSE
-0,073	0,307	-0,002	0,012	0,069	FALSE
-0,066	0,319	-0,002	0,012	0,070	FALSE
0,178	0,292	0,004	0,006	0,256	FALSE
-0,176	0,307	-0,008	0,013	0,295	FALSE
-0,134	0,300	-0,005	0,010	0,201	FALSE
-0,024	0,310	-0,001	0,011	0,044	FALSE
0,001	0,305	0,000	0,010	0,012	FALSE
-0,108	0,297	-0,002	0,006	0,123	FALSE
-0,038	0,317	-0,002	0,012	0,044	FALSE
0,049	0,297	0,002	0,009	0,066	FALSE
-0,084	0,304	-0,002	0,006	0,136	FALSE
0,073	0,299	0,003	0,012	0,085	FALSE
0,090	0,309	0,003	0,011	0,108	FALSE
-0,090	0,297	-0,002	0,007	0,129	FALSE
-0,081	0,295	-0,002	0,007	0,100	FALSE
-0,066	0,302	-0,002	0,010	0,086	FALSE
0,012	0,305	0,001	0,007	0,036	FALSE

-0,039	0,312	-0,001	0,008	0,026	FALSE
-0,065	0,304	-0,002	0,008	0,104	FALSE
-0,038	0,304	-0,001	0,013	0,034	FALSE
-0,045	0,320	-0,001	0,008	0,060	FALSE
0,051	0,318	0,001	0,007	0,034	FALSE
0,020	0,313	0,001	0,009	0,035	FALSE
0,117	0,292	0,004	0,009	0,214	FALSE
0,014	0,324	0,000	0,007	0,004	FALSE
-0,095	0,306	-0,003	0,009	0,120	FALSE
-0,033	0,298	-0,001	0,009	0,032	FALSE
-0,145	0,298	-0,007	0,012	0,260	FALSE
-0,099	0,295	-0,005	0,012	0,177	FALSE
-0,091	0,300	-0,003	0,008	0,139	FALSE
-0,003	0,302	0,001	0,008	0,025	FALSE
0,070	0,296	0,002	0,007	0,094	FALSE
-0,036	0,303	-0,002	0,010	0,060	FALSE
0,022	0,299	0,001	0,008	0,027	FALSE
0,042	0,312	0,000	0,006	0,015	FALSE
-0,117	0,310	-0,004	0,012	0,147	FALSE
-0,144	0,300	-0,006	0,012	0,208	FALSE
-0,115	0,312	-0,004	0,011	0,125	FALSE
0,107	0,302	0,003	0,011	0,099	FALSE
0,100	0,305	0,003	0,012	0,103	FALSE
0,000	0,313	0,001	0,011	0,021	FALSE
0,040	0,306	0,001	0,008	0,040	FALSE
0,022	0,313	0,000	0,012	0,005	FALSE
0,020	0,314	0,001	0,010	0,033	FALSE
0,000	0,323	0,000	0,011	0,001	FALSE
0,019	0,298	0,000	0,009	0,005	FALSE
0,028	0,305	0,002	0,012	0,048	FALSE
0,145	0,313	0,005	0,010	0,193	FALSE
0,012	0,300	0,000	0,007	0,018	FALSE
-0,157	0,311	-0,005	0,011	0,186	FALSE
-0,084	0,303	-0,003	0,010	0,102	FALSE
0,025	0,311	0,000	0,008	0,002	FALSE
0,125	0,300	0,006	0,013	0,215	FALSE
0,070	0,294	0,004	0,012	0,125	FALSE
-0,186	0,299	-0,005	0,009	0,274	FALSE
0,011	0,305	0,000	0,008	0,001	FALSE
-0,024	0,306	-0,001	0,012	0,040	FALSE
0,078	0,302	0,002	0,009	0,096	FALSE
0,125	0,298	0,004	0,010	0,153	FALSE
0,024	0,318	0,000	0,008	0,017	FALSE
0,073	0,303	0,001	0,006	0,075	FALSE
0,027	0,314	0,001	0,007	0,048	FALSE
0,073	0,309	0,001	0,008	0,050	FALSE
0,094	0,307	0,003	0,007	0,145	FALSE
-0,120	0,299	-0,003	0,007	0,162	FALSE
-0,022	0,309	0,000	0,009	0,010	FALSE
-0,013	0,310	-0,002	0,011	0,069	FALSE
0,087	0,303	0,002	0,007	0,119	FALSE
0,100	0,294	0,004	0,010	0,165	FALSE
0,103	0,303	0,003	0,009	0,112	FALSE

-0,078	0,308	-0,002	0,012	0,060	FALSE
0,036	0,313	0,002	0,013	0,055	FALSE
0,034	0,292	0,001	0,012	0,030	FALSE
0,036	0,299	0,002	0,011	0,074	FALSE
0,039	0,306	0,000	0,009	0,008	FALSE
-0,001	0,308	0,000	0,008	0,015	FALSE
-0,040	0,315	-0,002	0,011	0,063	FALSE
-0,023	0,312	-0,002	0,013	0,051	FALSE
-0,027	0,296	0,000	0,006	0,014	FALSE
0,041	0,300	0,001	0,012	0,036	FALSE
-0,061	0,310	-0,003	0,012	0,078	FALSE
0,087	0,307	0,003	0,010	0,111	FALSE
0,058	0,303	0,001	0,006	0,073	FALSE
0,018	0,301	0,001	0,009	0,030	FALSE
0,035	0,338	0,002	0,009	0,063	FALSE
0,092	0,310	0,002	0,007	0,120	FALSE
0,017	0,292	0,000	0,007	0,022	FALSE
-0,097	0,299	-0,002	0,007	0,119	FALSE
0,109	0,306	0,005	0,013	0,145	FALSE
-0,055	0,310	-0,001	0,006	0,095	FALSE
-0,039	0,299	-0,001	0,009	0,025	FALSE
-0,078	0,308	-0,004	0,010	0,148	FALSE
-0,011	0,300	0,000	0,006	0,018	FALSE
0,102	0,316	0,003	0,007	0,155	FALSE
-0,077	0,304	-0,002	0,006	0,105	FALSE
-0,101	0,301	-0,004	0,012	0,145	FALSE
0,026	0,308	0,000	0,007	0,019	FALSE
-0,096	0,297	-0,002	0,006	0,106	FALSE
-0,063	0,303	-0,002	0,008	0,078	FALSE
-0,181	0,300	-0,007	0,011	0,280	FALSE
-0,049	0,282	-0,001	0,007	0,061	FALSE
0,155	0,292	0,005	0,010	0,215	FALSE
-0,046	0,311	-0,001	0,011	0,026	FALSE
-0,060	0,308	-0,001	0,013	0,029	FALSE
-0,004	0,312	-0,001	0,012	0,034	FALSE
0,040	0,307	0,001	0,008	0,039	FALSE
0,063	0,314	0,002	0,007	0,089	FALSE
0,070	0,305	0,002	0,007	0,105	FALSE
-0,011	0,320	0,000	0,008	0,011	FALSE
0,121	0,303	0,005	0,011	0,180	FALSE
0,015	0,303	0,000	0,007	0,022	FALSE
0,068	0,311	0,001	0,007	0,076	FALSE
-0,010	0,306	0,000	0,009	0,003	FALSE
0,017	0,309	0,001	0,009	0,034	FALSE
-0,162	0,301	-0,005	0,008	0,255	FALSE
-0,039	0,311	0,000	0,007	0,019	FALSE
0,157	0,296	0,007	0,012	0,265	FALSE
-0,107	0,310	-0,003	0,007	0,162	FALSE
0,136	0,296	0,002	0,006	0,151	FALSE
0,113	0,287	0,004	0,012	0,126	FALSE
0,128	0,291	0,005	0,012	0,157	FALSE
-0,161	0,314	-0,004	0,007	0,204	FALSE
0,072	0,297	0,001	0,007	0,074	FALSE

0,037	0,301	0,002	0,008	0,078	FALSE
-0,091	0,312	-0,002	0,009	0,070	FALSE
0,124	0,291	0,003	0,007	0,202	FALSE
-0,143	0,309	-0,004	0,010	0,163	FALSE
-0,144	0,312	-0,005	0,012	0,189	FALSE
0,033	0,311	0,001	0,011	0,028	FALSE
-0,066	0,314	-0,002	0,007	0,096	FALSE
0,088	0,303	0,004	0,011	0,126	FALSE
-0,068	0,303	-0,002	0,007	0,081	FALSE
0,030	0,296	0,000	0,010	0,007	FALSE
0,159	0,291	0,005	0,009	0,250	FALSE
-0,147	0,315	-0,006	0,013	0,188	FALSE
-0,029	0,310	-0,002	0,010	0,077	FALSE
-0,106	0,308	-0,004	0,013	0,111	FALSE
0,013	0,294	0,000	0,007	0,022	FALSE
0,106	0,298	0,004	0,011	0,141	FALSE
0,046	0,306	0,002	0,012	0,059	FALSE
0,039	0,324	0,001	0,007	0,030	FALSE
-0,028	0,300	-0,001	0,009	0,057	FALSE
-0,040	0,300	-0,001	0,007	0,027	FALSE
-0,063	0,312	-0,001	0,007	0,074	FALSE
0,108	0,305	0,003	0,012	0,098	FALSE
-0,114	0,308	-0,002	0,006	0,130	FALSE
0,032	0,311	0,001	0,008	0,035	FALSE
-0,040	0,281	-0,001	0,012	0,026	FALSE
-0,042	0,299	-0,002	0,009	0,099	FALSE
0,129	0,295	0,005	0,011	0,167	FALSE
-0,002	0,313	-0,001	0,010	0,019	FALSE
0,042	0,310	0,002	0,009	0,077	FALSE
0,040	0,304	0,001	0,011	0,041	FALSE
0,057	0,322	0,001	0,007	0,074	FALSE
-0,112	0,313	-0,003	0,008	0,144	FALSE
-0,082	0,293	-0,003	0,010	0,131	FALSE
0,128	0,307	0,003	0,008	0,136	FALSE
0,148	0,315	0,003	0,009	0,161	FALSE
-0,024	0,304	-0,001	0,007	0,041	FALSE
-0,068	0,322	-0,003	0,012	0,085	FALSE
0,046	0,310	0,001	0,009	0,059	FALSE
-0,005	0,304	0,000	0,010	0,005	FALSE
-0,031	0,310	-0,001	0,010	0,039	FALSE
0,027	0,301	0,001	0,012	0,020	FALSE
-0,131	0,307	-0,005	0,012	0,178	FALSE
-0,018	0,298	-0,001	0,012	0,035	FALSE
0,011	0,296	0,000	0,009	0,015	FALSE
0,056	0,299	0,002	0,011	0,059	FALSE
0,075	0,305	0,001	0,007	0,084	FALSE
-0,048	0,305	-0,002	0,009	0,069	FALSE
0,028	0,308	0,001	0,010	0,049	FALSE
0,001	0,292	-0,001	0,008	0,029	FALSE
-0,067	0,318	-0,003	0,013	0,079	FALSE
0,020	0,291	0,000	0,009	0,011	FALSE
0,005	0,301	0,000	0,011	0,015	FALSE
-0,060	0,302	-0,003	0,012	0,088	FALSE

-0,013	0,311	0,000	0,011	0,006	FALSE
-0,016	0,302	0,000	0,011	0,002	FALSE
-0,060	0,309	-0,003	0,013	0,087	FALSE
-0,148	0,311	-0,005	0,012	0,175	FALSE
-0,081	0,309	-0,002	0,007	0,090	FALSE
-0,061	0,303	-0,002	0,008	0,086	FALSE
-0,027	0,307	-0,001	0,010	0,037	FALSE
-0,103	0,303	-0,005	0,012	0,152	FALSE
0,061	0,325	0,002	0,011	0,052	FALSE
-0,028	0,316	-0,001	0,008	0,022	FALSE
-0,079	0,310	-0,003	0,010	0,102	FALSE
-0,122	0,305	-0,003	0,007	0,197	FALSE
-0,033	0,311	-0,001	0,010	0,042	FALSE
-0,138	0,294	-0,005	0,010	0,196	FALSE
-0,102	0,307	-0,005	0,012	0,151	FALSE
0,063	0,301	0,002	0,010	0,081	FALSE
-0,089	0,301	-0,003	0,009	0,132	FALSE
-0,107	0,300	-0,003	0,011	0,121	FALSE
0,113	0,305	0,004	0,011	0,152	FALSE
0,117	0,301	0,003	0,011	0,125	FALSE
-0,021	0,317	-0,001	0,007	0,068	FALSE
-0,026	0,321	-0,001	0,007	0,068	FALSE
-0,014	0,312	-0,001	0,007	0,059	FALSE
-0,016	0,301	-0,001	0,007	0,061	FALSE
-0,079	0,306	-0,002	0,007	0,116	FALSE
0,018	0,290	0,001	0,012	0,040	FALSE
0,019	0,311	0,000	0,013	0,008	FALSE
0,116	0,322	0,003	0,010	0,130	FALSE
-0,081	0,313	-0,003	0,011	0,118	FALSE
-0,086	0,305	-0,003	0,010	0,121	FALSE
0,013	0,310	0,000	0,007	0,010	FALSE
0,053	0,306	0,001	0,008	0,045	FALSE
0,020	0,305	0,001	0,008	0,059	FALSE
-0,075	0,311	-0,002	0,008	0,093	FALSE
0,001	0,303	0,001	0,008	0,026	FALSE
0,129	0,301	0,003	0,007	0,171	FALSE
-0,109	0,301	-0,002	0,007	0,144	FALSE
0,076	0,312	0,003	0,011	0,105	FALSE
0,106	0,299	0,002	0,006	0,166	FALSE
0,098	0,292	0,002	0,006	0,170	FALSE
0,135	0,299	0,005	0,010	0,187	FALSE
0,034	0,307	0,000	0,008	0,006	FALSE
0,136	0,305	0,003	0,006	0,177	FALSE
0,002	0,318	0,000	0,013	0,003	FALSE
-0,016	0,307	0,000	0,012	0,014	FALSE
0,023	0,318	0,001	0,012	0,035	FALSE
0,000	0,303	0,000	0,012	0,008	FALSE
-0,008	0,322	0,000	0,013	0,008	FALSE
0,014	0,323	0,001	0,013	0,016	FALSE
0,009	0,328	0,000	0,013	0,001	FALSE
-0,001	0,312	0,000	0,012	0,009	FALSE
0,000	0,326	0,000	0,013	0,010	FALSE
0,021	0,319	0,001	0,012	0,032	FALSE

0,016	0,315	0,001	0,013	0,020	FALSE
-0,002	0,318	0,000	0,013	0,011	FALSE
0,035	0,308	0,001	0,012	0,039	FALSE
-0,012	0,321	-0,001	0,011	0,042	FALSE
-0,027	0,309	-0,002	0,011	0,063	FALSE
-0,027	0,291	-0,002	0,010	0,062	FALSE
0,073	0,317	0,002	0,007	0,091	FALSE
-0,036	0,304	-0,001	0,008	0,046	FALSE
0,067	0,308	0,001	0,007	0,063	FALSE
-0,074	0,303	-0,003	0,011	0,089	FALSE
-0,006	0,319	0,000	0,007	0,005	FALSE
0,005	0,320	-0,001	0,012	0,023	FALSE
-0,009	0,315	0,000	0,008	0,013	FALSE
-0,158	0,291	-0,007	0,012	0,251	FALSE
-0,141	0,304	-0,004	0,007	0,206	FALSE
-0,089	0,303	-0,003	0,007	0,140	FALSE
-0,039	0,296	0,000	0,006	0,024	FALSE
-0,011	0,304	0,000	0,009	0,008	FALSE
0,135	0,303	0,005	0,011	0,200	FALSE
0,049	0,318	0,001	0,007	0,047	FALSE
0,009	0,311	0,000	0,011	0,009	FALSE
0,007	0,310	0,000	0,008	0,009	FALSE
0,069	0,310	0,002	0,007	0,095	FALSE
0,038	0,307	0,001	0,007	0,053	FALSE
0,016	0,301	0,001	0,007	0,025	FALSE
-0,090	0,311	-0,004	0,013	0,106	FALSE
-0,025	0,328	-0,002	0,013	0,045	FALSE
-0,099	0,320	-0,003	0,008	0,118	FALSE
0,024	0,316	0,000	0,007	0,007	FALSE
-0,003	0,322	0,001	0,013	0,019	FALSE
0,015	0,311	0,001	0,012	0,015	FALSE
-0,039	0,310	-0,002	0,013	0,067	FALSE
0,058	0,312	0,002	0,012	0,057	FALSE
-0,036	0,301	-0,001	0,011	0,047	FALSE
-0,125	0,292	-0,004	0,011	0,165	FALSE
-0,057	0,302	-0,003	0,013	0,074	FALSE
-0,116	0,311	-0,004	0,009	0,172	FALSE
-0,103	0,286	-0,004	0,012	0,138	FALSE
0,034	0,304	0,002	0,012	0,060	FALSE
0,094	0,287	0,003	0,007	0,175	FALSE
-0,040	0,299	-0,001	0,008	0,055	FALSE
0,072	0,314	0,002	0,008	0,089	FALSE
-0,132	0,304	-0,004	0,008	0,193	FALSE
0,156	0,299	0,004	0,009	0,200	FALSE
-0,098	0,284	-0,003	0,010	0,125	FALSE
-0,085	0,291	-0,003	0,009	0,122	FALSE
0,010	0,310	0,000	0,007	0,017	FALSE
0,037	0,299	0,001	0,009	0,044	FALSE
-0,115	0,283	-0,006	0,011	0,207	FALSE
0,103	0,300	0,003	0,008	0,157	FALSE
-0,070	0,315	-0,002	0,007	0,083	FALSE
-0,042	0,319	-0,001	0,007	0,037	FALSE
-0,064	0,303	-0,001	0,008	0,038	FALSE

-0,137	0,300	-0,003	0,007	0,207	FALSE
0,063	0,300	0,002	0,007	0,082	FALSE
0,062	0,300	0,001	0,008	0,047	FALSE
-0,047	0,307	-0,002	0,010	0,076	FALSE
0,035	0,308	0,002	0,013	0,046	FALSE
-0,025	0,308	-0,001	0,007	0,038	FALSE
-0,097	0,302	-0,003	0,007	0,153	FALSE
-0,037	0,320	-0,002	0,013	0,048	FALSE
-0,142	0,302	-0,005	0,011	0,204	FALSE
0,054	0,302	0,002	0,011	0,062	FALSE
-0,035	0,307	-0,001	0,007	0,030	FALSE
-0,025	0,303	0,000	0,009	0,014	FALSE
-0,015	0,320	0,000	0,010	0,001	FALSE
-0,043	0,310	-0,001	0,008	0,037	FALSE
0,019	0,303	0,001	0,007	0,035	FALSE
0,048	0,303	0,002	0,007	0,081	FALSE
-0,113	0,311	-0,003	0,008	0,137	FALSE
0,033	0,289	0,001	0,007	0,057	FALSE
-0,017	0,302	0,000	0,008	0,007	FALSE
0,024	0,303	0,000	0,007	0,006	FALSE
-0,030	0,303	0,000	0,010	0,013	FALSE
-0,096	0,318	-0,002	0,008	0,120	FALSE
0,136	0,304	0,005	0,012	0,158	FALSE
-0,016	0,314	0,000	0,006	0,014	FALSE
-0,004	0,310	0,000	0,008	0,008	FALSE
-0,086	0,306	-0,002	0,009	0,092	FALSE
0,013	0,299	0,000	0,007	0,025	FALSE
-0,051	0,308	-0,002	0,011	0,054	FALSE
0,094	0,310	0,004	0,013	0,115	FALSE
-0,144	0,298	-0,005	0,012	0,171	FALSE
0,096	0,305	0,003	0,009	0,136	FALSE
0,028	0,324	0,002	0,010	0,063	FALSE
0,043	0,307	0,001	0,009	0,062	FALSE
-0,139	0,302	-0,006	0,012	0,197	FALSE
-0,131	0,316	-0,005	0,013	0,170	FALSE
-0,047	0,311	-0,001	0,009	0,055	FALSE
-0,104	0,305	-0,004	0,009	0,156	FALSE
-0,071	0,303	-0,002	0,008	0,077	FALSE
-0,079	0,280	-0,003	0,010	0,120	FALSE
0,085	0,316	0,002	0,007	0,095	FALSE
-0,094	0,313	-0,003	0,010	0,114	FALSE
-0,119	0,311	-0,004	0,011	0,160	FALSE
0,111	0,305	0,002	0,006	0,147	FALSE
0,046	0,312	0,002	0,011	0,052	FALSE
-0,048	0,302	-0,001	0,011	0,024	FALSE
0,083	0,306	0,001	0,008	0,067	FALSE
-0,077	0,315	-0,002	0,008	0,120	FALSE
0,017	0,300	0,001	0,011	0,029	FALSE
-0,163	0,297	-0,003	0,007	0,180	FALSE
0,093	0,304	0,002	0,006	0,095	FALSE
-0,042	0,293	-0,001	0,012	0,040	FALSE
0,032	0,301	0,001	0,007	0,035	FALSE
0,011	0,312	0,000	0,010	0,014	FALSE

-0,170	0,301	-0,005	0,009	0,230	FALSE
0,056	0,305	0,001	0,011	0,025	FALSE
0,098	0,303	0,003	0,010	0,098	FALSE
0,011	0,315	0,001	0,010	0,049	FALSE
0,005	0,308	0,000	0,012	0,009	FALSE
-0,022	0,305	-0,001	0,008	0,064	FALSE
0,068	0,309	0,002	0,009	0,083	FALSE
0,037	0,303	0,001	0,012	0,029	FALSE
0,039	0,307	0,001	0,006	0,064	FALSE
-0,040	0,295	-0,001	0,010	0,043	FALSE
0,076	0,297	0,001	0,007	0,073	FALSE
-0,014	0,300	0,000	0,011	0,010	FALSE
-0,148	0,310	-0,005	0,011	0,180	FALSE
-0,132	0,310	-0,004	0,011	0,163	FALSE
0,100	0,320	0,003	0,010	0,100	FALSE
-0,026	0,318	0,000	0,009	0,014	FALSE
-0,006	0,312	0,001	0,013	0,020	FALSE
-0,155	0,302	-0,004	0,009	0,178	FALSE
0,066	0,320	0,002	0,009	0,097	FALSE
0,008	0,319	0,000	0,011	0,011	FALSE
-0,003	0,301	-0,001	0,012	0,025	FALSE
0,011	0,307	0,000	0,012	0,005	FALSE
0,048	0,316	0,001	0,007	0,035	FALSE
0,066	0,307	0,002	0,011	0,080	FALSE
0,112	0,313	0,003	0,008	0,152	FALSE
-0,124	0,311	-0,003	0,007	0,173	FALSE
0,033	0,305	0,000	0,007	0,013	FALSE
-0,146	0,296	-0,003	0,006	0,201	FALSE
-0,053	0,320	-0,001	0,009	0,049	FALSE
-0,143	0,307	-0,005	0,011	0,179	FALSE
0,083	0,301	0,001	0,007	0,061	FALSE
-0,026	0,308	-0,001	0,009	0,033	FALSE
0,052	0,314	0,002	0,010	0,092	FALSE
0,001	0,307	0,000	0,006	0,013	FALSE
-0,071	0,289	-0,003	0,009	0,123	FALSE
0,020	0,309	0,001	0,008	0,028	FALSE
0,075	0,303	0,003	0,011	0,113	FALSE
0,074	0,299	0,004	0,012	0,124	FALSE
0,012	0,304	0,001	0,008	0,033	FALSE
0,004	0,298	0,000	0,007	0,000	FALSE
0,029	0,310	0,001	0,007	0,031	FALSE
-0,065	0,314	-0,002	0,009	0,083	FALSE
0,099	0,298	0,002	0,008	0,109	FALSE
0,139	0,302	0,002	0,006	0,145	FALSE
0,122	0,299	0,004	0,011	0,135	FALSE
0,095	0,309	0,002	0,007	0,111	FALSE
-0,104	0,312	-0,002	0,006	0,116	FALSE
-0,087	0,308	-0,003	0,009	0,116	FALSE
-0,023	0,319	0,000	0,007	0,024	FALSE
-0,010	0,309	-0,001	0,009	0,037	FALSE
-0,006	0,320	0,000	0,013	0,002	FALSE
-0,094	0,309	-0,003	0,009	0,137	FALSE
0,019	0,304	0,001	0,012	0,026	FALSE

-0,094	0,308	-0,003	0,010	0,124	FALSE
0,032	0,317	0,000	0,007	0,016	FALSE
-0,060	0,305	-0,003	0,011	0,090	FALSE
0,195	0,301	0,004	0,007	0,254	FALSE
-0,043	0,309	-0,001	0,007	0,066	FALSE
0,155	0,303	0,005	0,010	0,203	FALSE
-0,021	0,294	0,000	0,011	0,014	FALSE
0,105	0,303	0,003	0,009	0,131	FALSE
-0,018	0,318	-0,001	0,011	0,027	FALSE
0,085	0,319	0,002	0,008	0,102	FALSE
0,200	0,302	0,006	0,008	0,320	FALSE
0,096	0,302	0,004	0,012	0,132	FALSE
-0,120	0,299	-0,003	0,009	0,157	FALSE
-0,056	0,299	-0,002	0,009	0,085	FALSE
-0,105	0,313	-0,003	0,009	0,115	FALSE
-0,010	0,292	-0,001	0,008	0,034	FALSE
-0,081	0,305	-0,002	0,008	0,083	FALSE
-0,088	0,296	-0,002	0,008	0,095	FALSE
0,018	0,300	0,000	0,008	0,004	FALSE
0,101	0,314	0,003	0,007	0,178	FALSE
0,061	0,301	0,002	0,010	0,075	FALSE
-0,106	0,308	-0,002	0,007	0,128	FALSE
0,029	0,306	0,001	0,006	0,050	FALSE
-0,015	0,316	0,000	0,008	0,007	FALSE
-0,062	0,297	-0,002	0,010	0,084	FALSE
-0,010	0,311	-0,001	0,008	0,032	FALSE
0,078	0,304	0,003	0,012	0,096	FALSE
0,124	0,295	0,003	0,008	0,134	FALSE
-0,107	0,289	-0,003	0,007	0,141	FALSE
0,062	0,316	0,002	0,012	0,073	FALSE
0,075	0,299	0,003	0,010	0,103	FALSE
0,004	0,323	0,001	0,013	0,030	FALSE
0,069	0,288	0,003	0,011	0,097	FALSE
0,055	0,323	0,003	0,011	0,083	FALSE
-0,120	0,313	-0,003	0,009	0,130	FALSE
-0,090	0,316	-0,002	0,008	0,087	FALSE
-0,058	0,298	-0,002	0,011	0,068	FALSE
-0,111	0,303	-0,003	0,009	0,137	FALSE
-0,068	0,314	-0,002	0,011	0,068	FALSE
0,037	0,306	0,001	0,007	0,075	FALSE
0,066	0,314	0,001	0,007	0,056	FALSE
0,067	0,305	0,002	0,010	0,057	FALSE
-0,024	0,303	0,001	0,006	0,029	FALSE
0,071	0,310	0,001	0,008	0,067	FALSE
0,196	0,297	0,004	0,007	0,281	FALSE
-0,014	0,308	-0,001	0,009	0,022	FALSE
0,021	0,322	0,000	0,007	0,018	FALSE
0,022	0,308	0,001	0,009	0,062	FALSE
-0,038	0,303	-0,002	0,008	0,076	FALSE
0,047	0,316	0,002	0,012	0,067	FALSE
-0,120	0,306	-0,003	0,007	0,172	FALSE
-0,099	0,310	-0,003	0,008	0,132	FALSE
0,017	0,299	0,000	0,011	0,006	FALSE

0,060	0,315	0,002	0,011	0,067	FALSE
-0,005	0,303	0,001	0,010	0,022	FALSE
-0,201	0,303	-0,004	0,007	0,278	FALSE
0,178	0,298	0,004	0,006	0,244	FALSE
-0,015	0,305	0,000	0,013	0,002	FALSE
-0,019	0,301	0,000	0,007	0,006	FALSE
0,051	0,289	0,001	0,010	0,048	FALSE
0,010	0,289	0,000	0,009	0,005	FALSE
-0,074	0,302	-0,003	0,010	0,121	FALSE
0,031	0,311	0,002	0,011	0,065	FALSE
-0,077	0,309	-0,001	0,007	0,082	FALSE
-0,152	0,309	-0,003	0,006	0,185	FALSE
-0,074	0,307	-0,003	0,012	0,090	FALSE
0,001	0,301	0,001	0,012	0,017	FALSE
0,047	0,308	0,002	0,011	0,060	FALSE
0,041	0,313	0,002	0,011	0,061	FALSE
-0,048	0,306	-0,001	0,007	0,057	FALSE
0,056	0,304	0,002	0,012	0,051	FALSE
-0,109	0,295	-0,004	0,010	0,168	FALSE
-0,152	0,292	-0,003	0,006	0,178	FALSE
0,060	0,315	0,002	0,009	0,084	FALSE
0,081	0,297	0,003	0,010	0,109	FALSE
-0,137	0,303	-0,003	0,007	0,179	FALSE
-0,014	0,316	0,000	0,009	0,014	FALSE
-0,054	0,316	-0,002	0,012	0,062	FALSE
-0,056	0,318	-0,002	0,013	0,071	FALSE
-0,013	0,316	0,000	0,009	0,011	FALSE
-0,016	0,301	-0,001	0,007	0,033	FALSE
-0,035	0,303	-0,002	0,010	0,056	FALSE
-0,091	0,312	-0,002	0,006	0,118	FALSE
0,114	0,295	0,002	0,008	0,128	FALSE
0,098	0,312	0,002	0,008	0,115	FALSE
-0,151	0,302	-0,003	0,007	0,191	FALSE
-0,020	0,299	0,000	0,008	0,013	FALSE
-0,041	0,311	-0,002	0,011	0,061	FALSE
0,102	0,312	0,003	0,010	0,118	FALSE
0,012	0,306	0,000	0,008	0,013	FALSE
-0,076	0,304	-0,003	0,009	0,120	FALSE
-0,053	0,328	-0,001	0,013	0,028	FALSE
0,016	0,308	0,001	0,008	0,023	FALSE
-0,011	0,315	0,000	0,009	0,005	FALSE
-0,057	0,300	-0,002	0,008	0,114	FALSE
0,075	0,314	0,001	0,007	0,061	FALSE
-0,039	0,298	-0,001	0,009	0,044	FALSE
-0,065	0,303	-0,002	0,009	0,069	FALSE
-0,115	0,304	-0,003	0,008	0,145	FALSE
-0,127	0,296	-0,006	0,012	0,183	FALSE
0,090	0,295	0,002	0,007	0,107	FALSE
0,110	0,303	0,003	0,008	0,124	FALSE
-0,102	0,313	-0,003	0,007	0,139	FALSE
0,019	0,304	0,000	0,007	0,003	FALSE
0,029	0,312	0,000	0,012	0,003	FALSE
-0,068	0,304	-0,001	0,007	0,068	FALSE

0,072	0,306	0,003	0,009	0,124	FALSE
-0,013	0,298	0,000	0,010	0,000	FALSE
0,060	0,314	0,002	0,010	0,079	FALSE
0,036	0,298	0,002	0,009	0,072	FALSE
0,047	0,295	0,002	0,007	0,114	FALSE
0,128	0,275	0,003	0,007	0,194	FALSE
-0,072	0,311	-0,002	0,007	0,107	FALSE
-0,004	0,305	-0,001	0,012	0,025	FALSE
-0,111	0,296	-0,002	0,007	0,121	FALSE
-0,023	0,295	-0,001	0,010	0,052	FALSE
0,035	0,297	0,000	0,013	0,007	FALSE
0,090	0,290	0,002	0,007	0,089	FALSE
-0,053	0,302	-0,002	0,009	0,072	FALSE
-0,008	0,315	0,000	0,007	0,019	FALSE
0,088	0,306	0,003	0,010	0,127	FALSE
-0,009	0,303	0,000	0,009	0,016	FALSE
-0,043	0,296	-0,002	0,011	0,061	FALSE
-0,031	0,311	0,000	0,008	0,017	FALSE
-0,190	0,299	-0,004	0,006	0,260	FALSE
-0,024	0,309	0,000	0,011	0,009	FALSE
0,011	0,314	0,000	0,013	0,003	FALSE
-0,040	0,297	-0,001	0,007	0,040	FALSE
0,065	0,309	0,002	0,008	0,070	FALSE
-0,005	0,301	0,000	0,007	0,018	FALSE
-0,139	0,304	-0,004	0,009	0,190	FALSE
-0,010	0,303	0,000	0,007	0,008	FALSE
0,008	0,307	0,001	0,010	0,046	FALSE
0,110	0,293	0,003	0,006	0,194	FALSE
-0,085	0,298	-0,002	0,007	0,107	FALSE
0,020	0,306	0,000	0,011	0,009	FALSE
0,052	0,293	0,003	0,011	0,086	FALSE
0,011	0,299	0,000	0,011	0,016	FALSE
0,043	0,316	0,001	0,013	0,032	FALSE
0,067	0,295	0,002	0,012	0,071	FALSE
0,211	0,303	0,008	0,012	0,293	FALSE
0,016	0,303	0,001	0,011	0,016	FALSE
0,049	0,313	0,001	0,009	0,054	FALSE
-0,070	0,305	-0,003	0,011	0,091	FALSE
0,079	0,298	0,002	0,007	0,129	FALSE
-0,061	0,306	-0,003	0,012	0,081	FALSE
0,067	0,308	0,002	0,009	0,064	FALSE
-0,059	0,295	-0,001	0,006	0,054	FALSE
0,035	0,303	0,001	0,010	0,056	FALSE
-0,036	0,301	-0,001	0,006	0,052	FALSE
-0,024	0,309	0,000	0,008	0,001	FALSE
-0,012	0,300	0,000	0,009	0,015	FALSE
-0,105	0,307	-0,003	0,010	0,123	FALSE
-0,077	0,305	-0,003	0,012	0,092	FALSE
0,128	0,304	0,004	0,008	0,186	FALSE
-0,033	0,302	-0,002	0,009	0,064	FALSE
0,123	0,300	0,005	0,011	0,217	FALSE
0,049	0,302	0,001	0,008	0,038	FALSE
0,068	0,299	0,001	0,007	0,086	FALSE

0,011	0,292	0,000	0,006	0,003	FALSE
-0,146	0,311	-0,003	0,006	0,183	FALSE
0,092	0,317	0,002	0,007	0,105	FALSE
0,029	0,320	0,001	0,009	0,047	FALSE
-0,018	0,301	0,000	0,012	0,012	FALSE
0,056	0,309	0,002	0,010	0,066	FALSE
0,142	0,304	0,006	0,011	0,237	FALSE
-0,053	0,290	-0,002	0,008	0,080	FALSE
-0,092	0,295	-0,002	0,011	0,062	FALSE
-0,008	0,307	0,000	0,012	0,006	FALSE
0,019	0,305	0,001	0,012	0,043	FALSE
-0,009	0,309	0,000	0,008	0,002	FALSE
0,160	0,306	0,005	0,010	0,223	FALSE
0,084	0,307	0,003	0,013	0,089	FALSE
-0,044	0,308	-0,001	0,007	0,043	FALSE
0,000	0,321	0,000	0,013	0,009	FALSE
-0,005	0,309	-0,001	0,013	0,022	FALSE
0,100	0,312	0,003	0,007	0,155	FALSE
0,060	0,298	0,002	0,007	0,111	FALSE
0,123	0,310	0,005	0,012	0,173	FALSE
-0,063	0,306	-0,001	0,007	0,077	FALSE
0,053	0,319	0,002	0,012	0,070	FALSE
-0,064	0,316	-0,002	0,007	0,099	FALSE
-0,068	0,298	-0,002	0,010	0,085	FALSE
-0,126	0,299	-0,005	0,012	0,183	FALSE
-0,108	0,309	-0,004	0,011	0,147	FALSE
-0,022	0,318	-0,001	0,007	0,040	FALSE
-0,054	0,308	-0,001	0,011	0,047	FALSE
0,120	0,317	0,003	0,008	0,173	FALSE
-0,061	0,309	-0,002	0,010	0,076	FALSE
-0,056	0,304	-0,001	0,007	0,073	FALSE
-0,050	0,298	-0,002	0,009	0,064	FALSE
-0,019	0,322	0,000	0,013	0,011	FALSE
0,043	0,302	0,002	0,012	0,065	FALSE
0,138	0,294	0,007	0,012	0,231	FALSE
0,148	0,296	0,005	0,012	0,165	FALSE
-0,196	0,299	-0,006	0,010	0,267	FALSE
0,280	0,283	0,010	0,010	0,494	FALSE
-0,082	0,303	-0,003	0,012	0,106	FALSE
0,058	0,304	0,002	0,007	0,085	FALSE
-0,035	0,309	-0,001	0,007	0,049	FALSE
-0,010	0,299	0,000	0,012	0,005	FALSE
0,083	0,303	0,003	0,009	0,140	FALSE
-0,098	0,308	-0,003	0,011	0,110	FALSE
0,079	0,306	0,001	0,007	0,074	FALSE
-0,120	0,293	-0,005	0,013	0,154	FALSE
0,047	0,301	0,001	0,009	0,054	FALSE
-0,077	0,320	-0,002	0,007	0,080	FALSE
-0,115	0,295	-0,005	0,012	0,169	FALSE
-0,122	0,306	-0,002	0,007	0,144	FALSE
-0,058	0,318	-0,001	0,006	0,083	FALSE
-0,028	0,314	0,000	0,007	0,021	FALSE
-0,079	0,310	-0,003	0,011	0,114	FALSE

-0,080	0,300	-0,005	0,013	0,143	FALSE
-0,043	0,324	-0,002	0,012	0,056	FALSE
0,080	0,303	0,002	0,009	0,090	FALSE
-0,044	0,291	-0,001	0,007	0,034	FALSE
0,104	0,304	0,003	0,008	0,140	FALSE
0,129	0,308	0,003	0,008	0,174	FALSE
0,118	0,296	0,003	0,007	0,140	FALSE
-0,101	0,315	-0,003	0,008	0,122	FALSE
0,180	0,277	0,008	0,010	0,379	FALSE
0,120	0,283	0,006	0,011	0,233	FALSE
-0,046	0,301	-0,001	0,007	0,029	FALSE
0,015	0,309	0,000	0,013	0,003	FALSE
-0,024	0,311	-0,001	0,011	0,020	FALSE
-0,092	0,308	-0,004	0,011	0,143	FALSE
0,011	0,307	0,000	0,008	0,011	FALSE
0,034	0,312	0,001	0,010	0,034	FALSE
0,085	0,308	0,004	0,012	0,127	FALSE
0,120	0,298	0,004	0,009	0,180	FALSE
0,101	0,288	0,002	0,006	0,131	FALSE
-0,233	0,301	-0,008	0,010	0,352	FALSE
-0,005	0,287	0,000	0,009	0,012	FALSE
-0,069	0,302	-0,001	0,009	0,052	FALSE
-0,118	0,307	-0,003	0,006	0,162	FALSE
-0,092	0,306	-0,004	0,011	0,135	FALSE
-0,035	0,315	-0,001	0,007	0,040	FALSE
0,026	0,309	0,000	0,006	0,016	FALSE
-0,013	0,304	-0,001	0,006	0,030	FALSE
0,070	0,291	0,004	0,010	0,153	FALSE
-0,008	0,305	0,000	0,012	0,004	FALSE
0,006	0,308	0,000	0,011	0,016	FALSE
-0,004	0,296	0,000	0,006	0,022	FALSE
-0,065	0,296	-0,001	0,006	0,073	FALSE
-0,034	0,303	-0,002	0,012	0,046	FALSE
-0,009	0,300	0,000	0,010	0,008	FALSE
0,119	0,297	0,003	0,008	0,168	FALSE
0,005	0,317	0,000	0,009	0,003	FALSE
-0,028	0,319	-0,001	0,007	0,026	FALSE
0,032	0,303	0,002	0,012	0,058	FALSE
0,021	0,313	0,001	0,012	0,036	FALSE
0,021	0,315	0,000	0,007	0,004	FALSE
0,059	0,298	0,002	0,009	0,075	FALSE
0,021	0,311	0,000	0,008	0,023	FALSE
0,021	0,310	0,001	0,010	0,031	FALSE
-0,054	0,304	0,000	0,007	0,022	FALSE
0,119	0,300	0,004	0,012	0,136	FALSE
0,015	0,295	0,000	0,006	0,010	FALSE
0,010	0,304	0,000	0,006	0,021	FALSE
0,060	0,304	0,002	0,007	0,101	FALSE
-0,037	0,287	-0,001	0,008	0,071	FALSE
0,079	0,302	0,002	0,010	0,083	FALSE
0,095	0,306	0,003	0,011	0,124	FALSE
0,014	0,306	0,001	0,008	0,032	FALSE
-0,134	0,296	-0,003	0,008	0,157	FALSE

-0,039	0,312	-0,001	0,006	0,050	FALSE
-0,076	0,314	-0,001	0,006	0,090	FALSE
-0,017	0,317	-0,001	0,007	0,034	FALSE
-0,118	0,297	-0,003	0,007	0,155	FALSE
0,015	0,318	0,000	0,012	0,004	FALSE
-0,017	0,302	0,000	0,006	0,001	FALSE
0,038	0,292	0,001	0,012	0,046	FALSE
-0,027	0,316	-0,001	0,007	0,049	FALSE
-0,010	0,315	0,001	0,009	0,022	FALSE
-0,043	0,310	0,000	0,006	0,027	FALSE
-0,025	0,301	-0,001	0,007	0,053	FALSE
-0,016	0,307	0,000	0,008	0,004	FALSE
-0,098	0,309	-0,002	0,010	0,095	FALSE
-0,020	0,321	-0,001	0,012	0,022	FALSE
0,017	0,305	0,001	0,006	0,047	FALSE
-0,056	0,295	-0,002	0,008	0,090	FALSE
0,065	0,302	0,002	0,009	0,100	FALSE
0,081	0,321	0,004	0,012	0,118	FALSE
-0,051	0,310	-0,001	0,007	0,045	FALSE
0,082	0,308	0,002	0,010	0,074	FALSE
0,138	0,286	0,003	0,007	0,162	FALSE
0,152	0,287	0,003	0,008	0,192	FALSE
0,163	0,295	0,004	0,008	0,218	FALSE
0,130	0,296	0,003	0,008	0,150	FALSE
-0,105	0,319	-0,003	0,013	0,097	FALSE
0,060	0,319	0,001	0,007	0,073	FALSE
-0,018	0,309	0,000	0,006	0,000	FALSE
-0,156	0,302	-0,004	0,007	0,236	FALSE
-0,066	0,294	-0,002	0,008	0,093	FALSE
-0,025	0,302	-0,001	0,009	0,034	FALSE
-0,017	0,304	0,000	0,006	0,010	FALSE
-0,034	0,317	-0,001	0,008	0,029	FALSE
-0,017	0,310	0,000	0,012	0,013	FALSE
-0,054	0,303	-0,001	0,008	0,057	FALSE
0,045	0,294	0,002	0,011	0,087	FALSE
0,037	0,300	0,001	0,009	0,040	FALSE
-0,060	0,329	-0,002	0,013	0,065	FALSE
0,062	0,301	0,002	0,011	0,084	FALSE
-0,037	0,306	-0,001	0,009	0,050	FALSE
-0,064	0,312	-0,003	0,010	0,097	FALSE
-0,045	0,307	-0,002	0,011	0,074	FALSE
0,058	0,315	0,003	0,011	0,094	FALSE
0,030	0,299	0,001	0,009	0,048	FALSE
0,033	0,301	0,001	0,006	0,062	FALSE
-0,102	0,315	-0,002	0,006	0,142	FALSE
-0,040	0,293	-0,002	0,009	0,099	FALSE
0,042	0,302	0,001	0,008	0,040	FALSE
0,057	0,305	0,001	0,006	0,079	FALSE
-0,022	0,307	-0,001	0,013	0,017	FALSE
-0,059	0,305	-0,001	0,007	0,059	FALSE
-0,040	0,312	-0,001	0,012	0,043	FALSE
0,005	0,298	0,000	0,006	0,002	FALSE
-0,120	0,303	-0,003	0,008	0,150	FALSE

0,011	0,304	0,000	0,012	0,009	FALSE
0,064	0,289	0,003	0,011	0,103	FALSE
-0,005	0,306	0,000	0,008	0,003	FALSE
0,135	0,306	0,004	0,008	0,189	FALSE
-0,043	0,319	-0,001	0,008	0,040	FALSE
-0,028	0,306	-0,001	0,009	0,033	FALSE
0,067	0,300	0,002	0,008	0,097	FALSE
0,033	0,297	0,002	0,011	0,062	FALSE
0,098	0,294	0,003	0,009	0,152	FALSE
-0,105	0,295	-0,004	0,009	0,177	FALSE
-0,007	0,316	0,000	0,012	0,011	FALSE
0,003	0,293	0,000	0,006	0,016	FALSE
-0,101	0,302	-0,003	0,011	0,119	FALSE
-0,117	0,295	-0,005	0,012	0,176	FALSE
0,108	0,314	0,004	0,010	0,156	FALSE
0,031	0,318	0,001	0,010	0,040	FALSE
0,073	0,314	0,002	0,010	0,092	FALSE
0,018	0,319	0,000	0,007	0,020	FALSE
0,100	0,312	0,003	0,009	0,132	FALSE
0,026	0,321	0,000	0,008	0,001	FALSE
-0,084	0,305	-0,002	0,010	0,082	FALSE
-0,067	0,309	-0,003	0,012	0,098	FALSE
0,140	0,306	0,005	0,009	0,254	FALSE
0,032	0,298	0,000	0,008	0,019	FALSE
-0,005	0,316	0,000	0,010	0,014	FALSE
-0,040	0,305	-0,001	0,007	0,063	FALSE
0,025	0,311	0,001	0,012	0,043	FALSE
0,037	0,292	0,001	0,006	0,091	FALSE
0,027	0,309	0,000	0,008	0,001	FALSE
-0,094	0,294	-0,004	0,012	0,122	FALSE
-0,050	0,307	-0,001	0,006	0,089	FALSE
-0,086	0,311	-0,003	0,010	0,116	FALSE
0,000	0,302	0,000	0,006	0,006	FALSE
-0,132	0,298	-0,003	0,007	0,177	FALSE
-0,063	0,321	-0,002	0,008	0,095	FALSE
-0,029	0,305	-0,002	0,013	0,058	FALSE
-0,051	0,313	-0,001	0,010	0,023	FALSE
0,020	0,304	0,001	0,011	0,022	FALSE
-0,019	0,301	-0,002	0,009	0,081	FALSE
-0,161	0,289	-0,006	0,011	0,236	FALSE
-0,162	0,310	-0,003	0,007	0,194	FALSE
0,053	0,303	0,001	0,009	0,048	FALSE
0,083	0,305	0,003	0,007	0,145	FALSE
0,031	0,304	0,001	0,012	0,037	FALSE
0,129	0,292	0,005	0,012	0,168	FALSE
0,125	0,293	0,003	0,008	0,167	FALSE
-0,096	0,302	-0,003	0,009	0,108	FALSE
-0,109	0,311	-0,003	0,008	0,123	FALSE
-0,093	0,302	-0,004	0,012	0,143	FALSE
0,103	0,303	0,004	0,012	0,120	FALSE
-0,066	0,303	-0,002	0,008	0,095	FALSE
0,037	0,304	0,001	0,010	0,050	FALSE
-0,002	0,305	0,000	0,012	0,014	FALSE

-0,067	0,314	-0,002	0,007	0,091	FALSE
-0,012	0,288	0,000	0,009	0,007	FALSE
-0,051	0,305	-0,001	0,007	0,062	FALSE
0,080	0,301	0,002	0,009	0,071	FALSE
0,086	0,298	0,003	0,012	0,104	FALSE
0,025	0,302	0,001	0,007	0,033	FALSE
-0,070	0,303	-0,002	0,009	0,073	FALSE
-0,043	0,310	-0,001	0,007	0,038	FALSE
-0,056	0,295	-0,002	0,011	0,089	FALSE
-0,154	0,299	-0,005	0,008	0,258	FALSE
-0,031	0,311	-0,002	0,012	0,056	FALSE
0,037	0,302	0,002	0,009	0,071	FALSE
0,133	0,307	0,005	0,011	0,200	FALSE
0,010	0,316	0,000	0,010	0,006	FALSE
0,038	0,297	0,001	0,006	0,086	FALSE
-0,034	0,311	-0,002	0,010	0,065	FALSE
0,047	0,306	0,002	0,012	0,080	FALSE
-0,030	0,313	-0,001	0,010	0,052	FALSE
-0,035	0,315	-0,001	0,009	0,045	FALSE
0,005	0,308	-0,001	0,012	0,017	FALSE
0,029	0,312	0,001	0,007	0,032	FALSE
0,124	0,296	0,004	0,009	0,200	FALSE
0,042	0,294	0,001	0,009	0,046	FALSE
0,063	0,298	0,001	0,008	0,066	FALSE
-0,063	0,296	-0,001	0,007	0,056	FALSE
0,034	0,299	0,000	0,011	0,003	FALSE
0,148	0,306	0,003	0,006	0,209	FALSE
-0,087	0,316	-0,002	0,010	0,081	FALSE
-0,041	0,316	-0,001	0,008	0,062	FALSE
0,028	0,305	0,001	0,010	0,037	FALSE
-0,037	0,300	-0,001	0,007	0,047	FALSE
-0,093	0,316	-0,003	0,008	0,124	FALSE
-0,100	0,306	-0,004	0,010	0,141	FALSE
-0,027	0,305	-0,002	0,012	0,055	FALSE
0,048	0,324	0,001	0,007	0,049	FALSE
0,015	0,319	0,000	0,008	0,013	FALSE
0,036	0,315	0,000	0,013	0,008	FALSE
-0,077	0,300	-0,001	0,006	0,070	FALSE
0,098	0,302	0,002	0,007	0,146	FALSE
0,044	0,313	0,001	0,007	0,062	FALSE
0,050	0,310	0,002	0,011	0,081	FALSE
-0,118	0,298	-0,003	0,007	0,184	FALSE
-0,011	0,314	0,000	0,007	0,023	FALSE
0,037	0,320	0,001	0,009	0,034	FALSE
0,103	0,316	0,003	0,011	0,124	FALSE
-0,012	0,304	-0,001	0,006	0,042	FALSE
0,094	0,314	0,003	0,011	0,108	FALSE
0,142	0,292	0,004	0,009	0,207	FALSE
-0,119	0,313	-0,003	0,009	0,136	FALSE
0,014	0,299	0,001	0,007	0,030	FALSE
-0,112	0,317	-0,003	0,007	0,169	FALSE
0,003	0,315	0,000	0,010	0,013	FALSE
0,023	0,303	0,000	0,009	0,016	FALSE

0,081	0,298	0,002	0,009	0,069	FALSE
0,131	0,302	0,003	0,008	0,161	FALSE
0,096	0,304	0,004	0,012	0,135	FALSE
0,024	0,311	0,001	0,012	0,032	FALSE
0,024	0,310	0,000	0,006	0,013	FALSE
0,259	0,288	0,011	0,011	0,465	TRUE
-0,231	0,301	-0,009	0,011	0,349	FALSE
0,031	0,302	0,002	0,009	0,086	FALSE
0,221	0,279	0,008	0,011	0,332	FALSE
-0,102	0,308	-0,005	0,012	0,166	FALSE
-0,211	0,294	-0,009	0,012	0,351	FALSE
0,009	0,305	0,001	0,008	0,028	FALSE
-0,060	0,311	-0,002	0,010	0,069	FALSE
0,088	0,302	0,003	0,011	0,096	FALSE
0,046	0,310	0,001	0,007	0,038	FALSE
-0,018	0,301	-0,001	0,011	0,025	FALSE
0,057	0,312	0,002	0,010	0,086	FALSE
0,022	0,307	0,000	0,010	0,017	FALSE
0,130	0,296	0,002	0,007	0,136	FALSE
-0,125	0,315	-0,005	0,011	0,181	FALSE
0,039	0,302	0,001	0,006	0,057	FALSE
0,173	0,299	0,006	0,010	0,292	FALSE
0,158	0,306	0,006	0,010	0,253	FALSE
-0,022	0,306	0,000	0,007	0,019	FALSE
0,073	0,304	0,002	0,010	0,078	FALSE
-0,152	0,303	-0,004	0,007	0,212	FALSE
0,067	0,296	0,002	0,007	0,094	FALSE
0,018	0,310	0,000	0,007	0,004	FALSE
0,000	0,301	0,001	0,009	0,030	FALSE
0,016	0,302	0,001	0,009	0,036	FALSE
-0,122	0,302	-0,004	0,010	0,157	FALSE
0,046	0,305	0,001	0,007	0,047	FALSE
-0,019	0,295	-0,001	0,013	0,037	FALSE
0,020	0,307	0,001	0,012	0,033	FALSE
-0,037	0,303	-0,001	0,006	0,046	FALSE
0,107	0,290	0,005	0,012	0,183	FALSE
0,077	0,300	0,004	0,012	0,127	FALSE
0,022	0,322	0,001	0,008	0,031	FALSE
-0,118	0,318	-0,004	0,010	0,170	FALSE
0,045	0,304	0,001	0,010	0,051	FALSE
0,093	0,306	0,004	0,011	0,138	FALSE
-0,101	0,311	-0,003	0,009	0,119	FALSE
-0,018	0,296	-0,001	0,006	0,034	FALSE
-0,183	0,292	-0,004	0,007	0,248	FALSE
-0,033	0,304	-0,002	0,011	0,054	FALSE
0,075	0,296	0,003	0,012	0,086	FALSE
-0,176	0,284	-0,007	0,010	0,323	FALSE
0,112	0,327	0,002	0,007	0,139	FALSE
0,045	0,303	0,001	0,008	0,035	FALSE
0,062	0,312	0,001	0,009	0,054	FALSE
-0,043	0,306	-0,001	0,009	0,021	FALSE
-0,076	0,299	-0,003	0,009	0,122	FALSE
0,067	0,296	0,002	0,006	0,097	FALSE

-0,046	0,300	-0,002	0,011	0,065	FALSE
-0,053	0,302	-0,002	0,011	0,075	FALSE
-0,023	0,300	-0,001	0,008	0,040	FALSE
0,102	0,306	0,004	0,010	0,166	FALSE
0,113	0,297	0,004	0,013	0,122	FALSE
-0,007	0,305	0,000	0,008	0,019	FALSE
0,063	0,325	0,002	0,010	0,074	FALSE
0,051	0,304	0,001	0,011	0,046	FALSE
-0,026	0,309	-0,001	0,008	0,023	FALSE
0,092	0,298	0,002	0,008	0,080	FALSE
0,082	0,310	0,001	0,008	0,067	FALSE
0,052	0,302	0,001	0,009	0,043	FALSE
0,008	0,302	0,000	0,012	0,002	FALSE
-0,023	0,313	0,000	0,008	0,014	FALSE
0,049	0,313	0,002	0,008	0,086	FALSE
0,039	0,287	0,001	0,012	0,038	FALSE
-0,009	0,320	0,000	0,008	0,019	FALSE
-0,104	0,294	-0,002	0,007	0,131	FALSE
-0,153	0,316	-0,005	0,010	0,203	FALSE
0,050	0,306	0,002	0,011	0,060	FALSE
0,069	0,292	0,003	0,013	0,103	FALSE
0,187	0,299	0,005	0,008	0,264	FALSE
0,100	0,305	0,004	0,010	0,156	FALSE
0,068	0,311	0,003	0,011	0,104	FALSE
0,039	0,301	0,001	0,007	0,040	FALSE
0,146	0,297	0,005	0,010	0,214	FALSE
-0,001	0,299	0,000	0,008	0,010	FALSE
0,031	0,317	0,000	0,007	0,022	FALSE
-0,118	0,298	-0,005	0,012	0,163	FALSE
0,003	0,314	0,000	0,013	0,011	FALSE
0,085	0,308	0,003	0,009	0,131	FALSE
0,021	0,306	0,001	0,012	0,041	FALSE
-0,019	0,307	-0,001	0,012	0,033	FALSE
-0,013	0,313	0,000	0,007	0,012	FALSE
0,060	0,301	0,001	0,009	0,056	FALSE
-0,011	0,312	0,000	0,007	0,010	FALSE
0,046	0,314	0,002	0,007	0,081	FALSE
0,065	0,312	0,003	0,012	0,078	FALSE
-0,032	0,295	-0,002	0,010	0,056	FALSE
0,027	0,299	0,001	0,007	0,033	FALSE
-0,107	0,308	-0,003	0,007	0,173	FALSE
0,007	0,305	0,001	0,009	0,029	FALSE
0,026	0,314	0,001	0,007	0,043	FALSE
0,094	0,307	0,002	0,006	0,147	FALSE
-0,091	0,318	-0,002	0,008	0,110	FALSE
0,050	0,310	0,002	0,011	0,059	FALSE
0,004	0,293	0,000	0,009	0,012	FALSE
-0,032	0,310	-0,001	0,009	0,053	FALSE
-0,074	0,292	-0,002	0,007	0,089	FALSE
-0,061	0,308	-0,002	0,010	0,091	FALSE
-0,074	0,309	-0,002	0,009	0,102	FALSE
0,010	0,312	0,000	0,012	0,002	FALSE
0,090	0,320	0,003	0,011	0,117	FALSE

-0,102	0,318	-0,003	0,008	0,149	FALSE
-0,052	0,298	-0,001	0,008	0,029	FALSE
0,036	0,307	0,001	0,012	0,043	FALSE
0,130	0,304	0,005	0,012	0,167	FALSE
0,090	0,313	0,002	0,007	0,111	FALSE
0,079	0,309	0,002	0,008	0,079	FALSE
-0,043	0,290	0,000	0,008	0,003	FALSE
0,070	0,299	0,002	0,008	0,088	FALSE
0,070	0,305	0,003	0,013	0,104	FALSE
-0,025	0,304	0,000	0,013	0,008	FALSE
0,078	0,315	0,003	0,009	0,113	FALSE
0,037	0,311	0,001	0,011	0,042	FALSE
-0,083	0,309	-0,002	0,008	0,104	FALSE
0,050	0,310	0,001	0,011	0,048	FALSE
0,034	0,310	0,001	0,007	0,024	FALSE
0,039	0,316	0,002	0,012	0,064	FALSE
-0,064	0,314	-0,003	0,012	0,088	FALSE
-0,002	0,314	0,000	0,006	0,002	FALSE
0,037	0,304	0,000	0,008	0,016	FALSE
0,047	0,303	0,002	0,010	0,086	FALSE
0,065	0,303	0,002	0,007	0,115	FALSE
-0,102	0,306	-0,004	0,010	0,134	FALSE
-0,070	0,313	-0,003	0,012	0,090	FALSE
-0,024	0,309	0,000	0,009	0,019	FALSE
0,046	0,303	0,001	0,008	0,039	FALSE
-0,078	0,310	-0,002	0,007	0,097	FALSE
0,000	0,312	0,000	0,007	0,007	FALSE
-0,083	0,317	-0,001	0,006	0,085	FALSE
-0,010	0,318	-0,001	0,007	0,033	FALSE
-0,068	0,302	-0,003	0,012	0,097	FALSE
-0,044	0,301	-0,002	0,012	0,060	FALSE
-0,073	0,306	-0,002	0,009	0,083	FALSE
0,026	0,306	0,002	0,012	0,064	FALSE
0,093	0,306	0,002	0,007	0,131	FALSE
-0,003	0,303	0,000	0,010	0,001	FALSE
-0,115	0,314	-0,005	0,013	0,171	FALSE
0,019	0,315	0,001	0,009	0,021	FALSE
0,045	0,300	0,001	0,006	0,062	FALSE
0,025	0,315	0,000	0,007	0,012	FALSE
0,018	0,319	0,001	0,008	0,029	FALSE
0,006	0,308	0,001	0,010	0,026	FALSE
-0,048	0,306	-0,001	0,012	0,041	FALSE
0,093	0,308	0,002	0,006	0,131	FALSE
0,087	0,293	0,002	0,010	0,076	FALSE
0,010	0,309	0,000	0,007	0,004	FALSE
-0,015	0,321	-0,001	0,010	0,022	FALSE
0,003	0,303	0,000	0,006	0,011	FALSE
0,087	0,290	0,002	0,007	0,113	FALSE
0,071	0,285	0,002	0,012	0,055	FALSE
0,085	0,289	0,003	0,008	0,151	FALSE
0,073	0,317	0,003	0,012	0,087	FALSE
0,007	0,313	0,000	0,012	0,007	FALSE
-0,053	0,329	-0,001	0,007	0,072	FALSE

-0,082	0,313	-0,002	0,009	0,105	FALSE
0,068	0,305	0,002	0,013	0,047	FALSE
-0,086	0,316	-0,003	0,013	0,075	FALSE
-0,027	0,324	-0,001	0,007	0,042	FALSE
0,056	0,288	0,002	0,009	0,109	FALSE
0,085	0,297	0,003	0,010	0,125	FALSE
-0,011	0,312	-0,001	0,007	0,035	FALSE
-0,078	0,282	-0,001	0,008	0,068	FALSE
0,020	0,294	0,001	0,008	0,044	FALSE
0,035	0,300	0,001	0,010	0,035	FALSE
0,009	0,320	0,001	0,008	0,025	FALSE
-0,113	0,297	-0,003	0,009	0,149	FALSE
-0,154	0,292	-0,005	0,009	0,217	FALSE
0,022	0,319	0,001	0,012	0,017	FALSE
0,133	0,300	0,003	0,007	0,170	FALSE
0,108	0,310	0,002	0,007	0,145	FALSE
0,117	0,305	0,003	0,007	0,170	FALSE
0,009	0,313	0,000	0,011	0,006	FALSE
-0,077	0,308	-0,003	0,010	0,114	FALSE
-0,022	0,316	0,000	0,012	0,015	FALSE
0,022	0,310	0,001	0,007	0,059	FALSE
0,070	0,299	0,002	0,011	0,071	FALSE
0,030	0,306	0,001	0,010	0,045	FALSE
-0,028	0,301	-0,001	0,009	0,031	FALSE
-0,002	0,321	0,000	0,008	0,005	FALSE
0,124	0,301	0,004	0,012	0,142	FALSE
-0,150	0,300	-0,004	0,009	0,216	FALSE
0,053	0,314	0,001	0,007	0,058	FALSE
-0,097	0,305	-0,004	0,012	0,146	FALSE
0,002	0,309	0,000	0,006	0,025	FALSE
-0,145	0,307	-0,005	0,009	0,223	FALSE
0,014	0,298	0,000	0,009	0,004	FALSE
0,005	0,317	0,000	0,007	0,001	FALSE
-0,076	0,306	-0,002	0,007	0,123	FALSE
-0,053	0,303	-0,003	0,012	0,110	FALSE
-0,032	0,301	-0,001	0,008	0,049	FALSE
0,003	0,307	0,000	0,008	0,001	FALSE
-0,001	0,315	-0,001	0,009	0,031	FALSE
-0,038	0,307	-0,001	0,007	0,060	FALSE
-0,043	0,320	-0,001	0,006	0,055	FALSE
-0,056	0,307	-0,002	0,009	0,078	FALSE
0,038	0,301	0,002	0,011	0,070	FALSE
0,007	0,314	0,001	0,010	0,024	FALSE
0,117	0,306	0,003	0,007	0,170	FALSE
0,008	0,320	0,000	0,012	0,014	FALSE
0,042	0,304	0,002	0,012	0,047	FALSE
-0,014	0,304	-0,002	0,010	0,056	FALSE
-0,005	0,306	0,000	0,007	0,009	FALSE
0,066	0,312	0,001	0,006	0,069	FALSE
-0,020	0,309	-0,001	0,012	0,017	FALSE
-0,030	0,304	-0,001	0,007	0,031	FALSE
0,110	0,301	0,002	0,007	0,143	FALSE
-0,076	0,321	-0,002	0,007	0,116	FALSE

-0,094	0,297	-0,004	0,012	0,115	FALSE
-0,142	0,297	-0,006	0,012	0,214	FALSE
0,032	0,305	0,000	0,009	0,013	FALSE
-0,022	0,302	-0,001	0,007	0,053	FALSE
0,080	0,294	0,003	0,012	0,100	FALSE
-0,030	0,296	0,000	0,011	0,016	FALSE
0,002	0,299	0,000	0,012	0,007	FALSE
-0,016	0,300	0,000	0,006	0,014	FALSE
0,095	0,313	0,003	0,009	0,118	FALSE
0,249	0,289	0,006	0,007	0,392	FALSE
-0,088	0,313	-0,004	0,012	0,128	FALSE
-0,072	0,312	-0,002	0,009	0,108	FALSE
0,043	0,310	0,002	0,012	0,062	FALSE
-0,113	0,307	-0,004	0,010	0,146	FALSE
-0,064	0,305	-0,002	0,010	0,080	FALSE
-0,188	0,284	-0,006	0,009	0,293	FALSE
0,051	0,299	0,001	0,008	0,065	FALSE
0,018	0,320	0,001	0,011	0,050	FALSE
-0,024	0,309	0,000	0,007	0,025	FALSE
-0,086	0,302	-0,005	0,012	0,152	FALSE
-0,010	0,290	0,000	0,007	0,011	FALSE
-0,104	0,294	-0,004	0,010	0,162	FALSE
0,046	0,300	0,001	0,007	0,062	FALSE
-0,064	0,306	-0,001	0,006	0,054	FALSE
-0,024	0,294	0,000	0,012	0,010	FALSE
-0,111	0,298	-0,003	0,007	0,150	FALSE
-0,032	0,306	-0,001	0,011	0,027	FALSE
0,037	0,309	0,001	0,011	0,037	FALSE
-0,085	0,301	-0,003	0,013	0,087	FALSE
0,059	0,316	0,001	0,007	0,064	FALSE
0,025	0,308	0,000	0,006	0,009	FALSE
0,034	0,300	0,001	0,011	0,017	FALSE
0,009	0,307	0,000	0,010	0,009	FALSE
-0,045	0,318	-0,002	0,012	0,050	FALSE
0,122	0,321	0,004	0,012	0,129	FALSE
0,147	0,296	0,005	0,012	0,186	FALSE
-0,113	0,306	-0,005	0,010	0,187	FALSE
0,016	0,300	0,002	0,012	0,052	FALSE
-0,016	0,317	0,000	0,006	0,024	FALSE
0,100	0,303	0,002	0,006	0,149	FALSE
0,065	0,288	0,002	0,007	0,089	FALSE
-0,158	0,297	-0,006	0,011	0,255	FALSE
0,054	0,306	0,001	0,008	0,035	FALSE
-0,082	0,305	-0,002	0,007	0,120	FALSE
0,071	0,309	0,002	0,012	0,078	FALSE
0,007	0,318	0,000	0,007	0,000	FALSE
0,071	0,298	0,003	0,013	0,084	FALSE
0,082	0,308	0,002	0,012	0,053	FALSE
-0,178	0,312	-0,006	0,010	0,236	FALSE
-0,027	0,316	0,000	0,007	0,011	FALSE
0,055	0,317	0,002	0,013	0,054	FALSE
-0,041	0,288	-0,001	0,012	0,026	FALSE
-0,037	0,310	-0,001	0,006	0,040	FALSE

0,077	0,292	0,002	0,006	0,125	FALSE
0,091	0,308	0,002	0,007	0,136	FALSE
-0,054	0,313	-0,001	0,013	0,041	FALSE
-0,027	0,288	-0,001	0,009	0,043	FALSE
-0,051	0,318	-0,001	0,007	0,077	FALSE
0,113	0,304	0,005	0,012	0,181	FALSE
0,163	0,298	0,004	0,007	0,268	FALSE
0,098	0,300	0,005	0,012	0,156	FALSE
0,049	0,287	0,002	0,007	0,101	FALSE
0,059	0,290	0,002	0,008	0,109	FALSE
0,007	0,316	0,000	0,007	0,010	FALSE
-0,033	0,310	-0,001	0,008	0,024	FALSE
-0,127	0,304	-0,005	0,012	0,159	FALSE
0,098	0,312	0,003	0,009	0,123	FALSE
-0,070	0,323	-0,002	0,010	0,062	FALSE
0,114	0,302	0,002	0,008	0,107	FALSE
0,192	0,301	0,005	0,008	0,283	FALSE
0,010	0,300	0,001	0,010	0,038	FALSE
0,042	0,308	0,001	0,009	0,025	FALSE
-0,029	0,311	-0,001	0,012	0,024	FALSE
-0,054	0,317	-0,003	0,012	0,091	FALSE
0,109	0,301	0,003	0,008	0,181	FALSE
-0,148	0,294	-0,004	0,008	0,207	FALSE
0,091	0,303	0,004	0,012	0,118	FALSE
0,124	0,286	0,006	0,012	0,209	FALSE
0,072	0,300	0,003	0,012	0,091	FALSE
-0,050	0,299	-0,001	0,006	0,047	FALSE
0,101	0,313	0,003	0,012	0,091	FALSE
-0,011	0,307	0,000	0,008	0,001	FALSE
0,046	0,294	0,003	0,010	0,097	FALSE
-0,036	0,322	-0,001	0,011	0,044	FALSE
0,053	0,305	0,002	0,008	0,087	FALSE
0,074	0,300	0,002	0,009	0,077	FALSE
0,034	0,308	0,001	0,012	0,029	FALSE
-0,063	0,307	-0,003	0,011	0,086	FALSE
0,002	0,306	0,000	0,010	0,016	FALSE
-0,050	0,309	-0,002	0,008	0,076	FALSE
-0,082	0,307	-0,003	0,011	0,112	FALSE
-0,045	0,305	-0,001	0,009	0,047	FALSE
0,050	0,305	0,001	0,009	0,048	FALSE
-0,005	0,301	0,000	0,007	0,014	FALSE
-0,134	0,308	-0,005	0,011	0,191	FALSE
0,062	0,305	0,002	0,007	0,095	FALSE
0,109	0,314	0,004	0,011	0,155	FALSE
-0,053	0,319	-0,001	0,008	0,039	FALSE
0,021	0,302	0,000	0,011	0,008	FALSE
-0,007	0,315	-0,001	0,011	0,026	FALSE
-0,008	0,318	0,000	0,008	0,011	FALSE
0,005	0,302	0,000	0,010	0,012	FALSE
0,157	0,310	0,003	0,006	0,202	FALSE
0,100	0,297	0,003	0,008	0,132	FALSE
0,004	0,313	0,000	0,008	0,008	FALSE
0,091	0,306	0,003	0,010	0,114	FALSE

0,003	0,305	-0,001	0,012	0,016	FALSE
-0,022	0,293	-0,001	0,009	0,053	FALSE
-0,020	0,310	0,000	0,007	0,018	FALSE
0,007	0,309	-0,001	0,010	0,019	FALSE
-0,120	0,297	-0,004	0,010	0,171	FALSE
-0,149	0,296	-0,006	0,011	0,218	FALSE
0,094	0,289	0,001	0,006	0,085	FALSE
0,106	0,290	0,004	0,012	0,113	FALSE
0,139	0,295	0,004	0,008	0,198	FALSE
-0,066	0,317	-0,001	0,007	0,072	FALSE
0,054	0,315	0,003	0,012	0,088	FALSE
-0,100	0,298	-0,004	0,011	0,131	FALSE
0,117	0,304	0,003	0,008	0,146	FALSE
-0,170	0,312	-0,007	0,011	0,252	FALSE
0,046	0,311	0,000	0,007	0,007	FALSE
-0,070	0,320	-0,003	0,011	0,087	FALSE
-0,093	0,307	-0,004	0,011	0,129	FALSE
0,157	0,298	0,005	0,008	0,281	FALSE
0,010	0,305	0,000	0,009	0,019	FALSE
0,131	0,289	0,004	0,007	0,217	FALSE
-0,078	0,300	-0,003	0,012	0,103	FALSE
-0,001	0,316	0,000	0,008	0,020	FALSE
0,115	0,310	0,003	0,009	0,133	FALSE
0,005	0,311	0,000	0,012	0,011	FALSE
-0,093	0,285	-0,004	0,012	0,121	FALSE
0,092	0,321	0,003	0,013	0,105	FALSE
0,008	0,309	-0,001	0,012	0,023	FALSE
-0,042	0,300	-0,001	0,012	0,017	FALSE
0,003	0,316	0,000	0,011	0,009	FALSE
-0,039	0,312	-0,002	0,012	0,055	FALSE
-0,017	0,319	-0,001	0,012	0,034	FALSE
-0,019	0,297	-0,001	0,011	0,024	FALSE
-0,078	0,306	-0,003	0,011	0,109	FALSE
0,052	0,310	0,001	0,009	0,050	FALSE
-0,095	0,301	-0,003	0,012	0,097	FALSE
-0,090	0,296	-0,002	0,007	0,094	FALSE
0,068	0,303	0,002	0,010	0,078	FALSE
0,113	0,301	0,004	0,011	0,131	FALSE
-0,042	0,299	-0,001	0,011	0,020	FALSE
-0,055	0,309	-0,002	0,009	0,083	FALSE
0,016	0,294	0,001	0,012	0,021	FALSE
0,151	0,298	0,005	0,010	0,218	FALSE
0,012	0,316	0,000	0,007	0,012	FALSE
0,200	0,293	0,005	0,007	0,335	FALSE
0,024	0,299	0,001	0,006	0,055	FALSE
0,010	0,309	0,000	0,006	0,018	FALSE
-0,037	0,310	-0,001	0,009	0,057	FALSE
0,067	0,303	0,002	0,008	0,098	FALSE
-0,071	0,322	-0,003	0,011	0,089	FALSE
0,105	0,305	0,005	0,012	0,179	FALSE
0,097	0,310	0,005	0,012	0,156	FALSE
0,111	0,299	0,005	0,011	0,203	FALSE
-0,085	0,304	-0,004	0,012	0,117	FALSE

0,035	0,301	0,001	0,008	0,067	FALSE
0,039	0,329	0,001	0,013	0,031	FALSE
-0,064	0,304	-0,002	0,009	0,077	FALSE
-0,063	0,301	-0,001	0,007	0,071	FALSE
-0,100	0,295	-0,003	0,011	0,107	FALSE
0,067	0,300	0,002	0,009	0,071	FALSE
-0,033	0,310	-0,001	0,011	0,039	FALSE
0,125	0,307	0,002	0,007	0,153	FALSE
0,007	0,319	0,000	0,009	0,001	FALSE
0,033	0,315	0,001	0,009	0,035	FALSE
-0,060	0,309	-0,001	0,006	0,041	FALSE
-0,158	0,312	-0,003	0,006	0,227	FALSE
-0,045	0,305	-0,001	0,006	0,044	FALSE
-0,034	0,297	-0,001	0,006	0,032	FALSE
0,108	0,309	0,004	0,013	0,134	FALSE
0,170	0,308	0,006	0,012	0,223	FALSE
-0,087	0,309	-0,002	0,010	0,084	FALSE
0,148	0,291	0,004	0,008	0,195	FALSE
-0,045	0,298	-0,001	0,006	0,051	FALSE
0,118	0,295	0,004	0,012	0,141	FALSE
-0,061	0,312	-0,002	0,007	0,091	FALSE
0,012	0,314	0,000	0,008	0,005	FALSE
0,019	0,315	0,001	0,007	0,030	FALSE
0,053	0,305	0,002	0,011	0,052	FALSE
0,035	0,318	0,001	0,007	0,032	FALSE
-0,076	0,314	-0,002	0,008	0,075	FALSE
0,033	0,312	0,001	0,013	0,024	FALSE
-0,019	0,301	0,000	0,007	0,003	FALSE
0,046	0,298	0,002	0,012	0,051	FALSE
0,007	0,301	0,000	0,012	0,004	FALSE
0,003	0,307	0,001	0,012	0,015	FALSE
-0,040	0,300	-0,001	0,007	0,049	FALSE
-0,017	0,300	-0,001	0,010	0,036	FALSE
0,081	0,304	0,003	0,010	0,114	FALSE
-0,028	0,309	-0,001	0,008	0,039	FALSE
0,095	0,299	0,003	0,007	0,149	FALSE
0,001	0,305	0,000	0,006	0,006	FALSE
-0,126	0,295	-0,004	0,010	0,139	FALSE
0,100	0,304	0,003	0,007	0,166	FALSE
-0,069	0,311	-0,002	0,010	0,082	FALSE
-0,054	0,310	-0,002	0,006	0,089	FALSE
0,086	0,289	0,003	0,007	0,151	FALSE
-0,136	0,326	-0,003	0,007	0,177	FALSE
0,032	0,285	0,001	0,006	0,090	FALSE
0,133	0,297	0,006	0,010	0,228	FALSE
-0,117	0,304	-0,005	0,012	0,163	FALSE
0,096	0,311	0,002	0,008	0,120	FALSE
-0,044	0,316	-0,001	0,007	0,071	FALSE
-0,007	0,312	0,000	0,007	0,008	FALSE
-0,099	0,295	-0,004	0,012	0,142	FALSE
-0,109	0,302	-0,003	0,012	0,097	FALSE
0,151	0,296	0,003	0,006	0,241	FALSE
-0,172	0,304	-0,003	0,006	0,229	FALSE

-0,167	0,299	-0,005	0,008	0,280	FALSE
-0,046	0,312	-0,002	0,008	0,084	FALSE
-0,056	0,313	-0,002	0,010	0,066	FALSE
-0,013	0,298	0,000	0,011	0,005	FALSE
0,030	0,308	0,001	0,010	0,044	FALSE
-0,044	0,305	-0,001	0,009	0,043	FALSE
0,077	0,316	0,002	0,011	0,074	FALSE
-0,105	0,300	-0,004	0,011	0,145	FALSE
0,029	0,305	0,000	0,009	0,007	FALSE
-0,106	0,312	-0,003	0,008	0,144	FALSE
-0,004	0,310	-0,001	0,010	0,026	FALSE
0,106	0,295	0,004	0,010	0,196	FALSE
0,065	0,300	0,002	0,008	0,087	FALSE
-0,030	0,305	-0,001	0,011	0,035	FALSE
-0,033	0,302	-0,001	0,010	0,040	FALSE
-0,015	0,306	-0,001	0,010	0,035	FALSE
-0,003	0,312	0,000	0,008	0,016	FALSE
0,010	0,331	0,001	0,012	0,036	FALSE
-0,026	0,319	-0,001	0,009	0,053	FALSE
0,111	0,308	0,003	0,010	0,128	FALSE
-0,096	0,313	-0,003	0,008	0,149	FALSE
0,068	0,312	0,002	0,008	0,089	FALSE
-0,136	0,308	-0,003	0,009	0,157	FALSE
-0,074	0,292	-0,002	0,009	0,087	FALSE
-0,018	0,304	0,000	0,008	0,001	FALSE
-0,046	0,298	-0,001	0,008	0,042	FALSE
-0,164	0,301	-0,004	0,007	0,211	FALSE
0,052	0,297	0,002	0,012	0,068	FALSE
0,025	0,316	0,001	0,008	0,033	FALSE
-0,080	0,313	-0,002	0,009	0,085	FALSE
-0,021	0,300	-0,001	0,006	0,032	FALSE
-0,093	0,313	-0,002	0,006	0,123	FALSE
-0,098	0,299	-0,002	0,006	0,124	FALSE
-0,008	0,308	0,000	0,008	0,010	FALSE
0,031	0,297	0,002	0,012	0,056	FALSE
0,064	0,311	0,003	0,012	0,098	FALSE
-0,049	0,305	-0,001	0,006	0,042	FALSE
0,055	0,304	0,001	0,010	0,045	FALSE
-0,063	0,314	-0,001	0,009	0,043	FALSE
0,061	0,299	0,002	0,012	0,051	FALSE
0,068	0,306	0,002	0,012	0,071	FALSE
0,114	0,305	0,004	0,012	0,117	FALSE
0,006	0,303	0,001	0,012	0,029	FALSE
-0,072	0,308	-0,003	0,012	0,079	FALSE
0,010	0,304	0,000	0,006	0,003	FALSE
-0,057	0,288	-0,001	0,008	0,060	FALSE
-0,055	0,301	-0,001	0,009	0,046	FALSE
-0,098	0,305	-0,003	0,008	0,141	FALSE
0,002	0,310	0,000	0,012	0,014	FALSE
-0,009	0,314	0,000	0,007	0,013	FALSE
-0,013	0,316	-0,001	0,012	0,027	FALSE
-0,029	0,321	-0,001	0,013	0,026	FALSE
0,021	0,317	0,002	0,012	0,046	FALSE

0,043	0,298	0,001	0,008	0,049	FALSE
-0,061	0,319	-0,001	0,010	0,050	FALSE
-0,103	0,325	-0,002	0,007	0,093	FALSE
-0,066	0,312	-0,002	0,012	0,062	FALSE
-0,013	0,304	0,000	0,008	0,015	FALSE
0,008	0,312	0,001	0,007	0,034	FALSE
-0,146	0,316	-0,005	0,012	0,167	FALSE
-0,053	0,308	-0,002	0,013	0,064	FALSE
0,152	0,313	0,003	0,007	0,160	FALSE
0,027	0,308	0,000	0,006	0,018	FALSE
0,009	0,309	0,000	0,012	0,002	FALSE
-0,024	0,309	0,000	0,006	0,027	FALSE
-0,004	0,290	0,001	0,007	0,029	FALSE
-0,068	0,312	-0,001	0,007	0,070	FALSE
-0,155	0,291	-0,006	0,010	0,239	FALSE
-0,117	0,306	-0,005	0,012	0,169	FALSE
-0,102	0,310	-0,005	0,012	0,153	FALSE
-0,069	0,299	-0,003	0,011	0,096	FALSE
0,021	0,314	0,002	0,013	0,058	FALSE
-0,123	0,303	-0,006	0,011	0,233	FALSE
-0,098	0,303	-0,004	0,013	0,110	FALSE
-0,094	0,307	-0,003	0,010	0,110	FALSE
0,023	0,310	0,001	0,013	0,015	FALSE
-0,124	0,305	-0,003	0,008	0,159	FALSE
-0,066	0,302	-0,002	0,010	0,076	FALSE
-0,055	0,307	-0,002	0,007	0,088	FALSE
0,028	0,307	0,001	0,011	0,024	FALSE
-0,003	0,310	0,000	0,009	0,006	FALSE
0,004	0,316	0,001	0,010	0,030	FALSE
-0,046	0,292	-0,001	0,006	0,039	FALSE
0,073	0,310	0,002	0,006	0,100	FALSE
0,030	0,308	0,001	0,009	0,034	FALSE
0,054	0,306	0,002	0,011	0,053	FALSE
-0,161	0,298	-0,006	0,012	0,220	FALSE
-0,113	0,303	-0,004	0,012	0,128	FALSE
-0,105	0,293	-0,004	0,012	0,133	FALSE
0,033	0,300	0,001	0,011	0,046	FALSE
0,186	0,285	0,008	0,012	0,299	FALSE
-0,043	0,313	-0,001	0,009	0,039	FALSE
0,002	0,303	0,000	0,007	0,005	FALSE
0,141	0,313	0,004	0,008	0,208	FALSE
0,028	0,296	0,000	0,007	0,019	FALSE
0,085	0,303	0,002	0,011	0,079	FALSE
-0,028	0,305	0,000	0,008	0,005	FALSE
-0,064	0,292	-0,002	0,007	0,085	FALSE
0,113	0,302	0,004	0,011	0,151	FALSE
-0,033	0,316	-0,001	0,009	0,045	FALSE
0,092	0,301	0,003	0,012	0,107	FALSE
0,073	0,303	0,003	0,012	0,093	FALSE
0,054	0,304	0,002	0,009	0,060	FALSE
-0,002	0,307	0,000	0,010	0,003	FALSE
-0,018	0,312	0,000	0,011	0,007	FALSE
0,021	0,296	0,001	0,008	0,050	FALSE

-0,023	0,308	-0,001	0,008	0,035	FALSE
0,001	0,304	0,000	0,008	0,011	FALSE
-0,025	0,292	-0,001	0,011	0,026	FALSE
-0,039	0,299	-0,002	0,011	0,054	FALSE
0,120	0,302	0,003	0,008	0,154	FALSE
0,001	0,298	0,001	0,008	0,028	FALSE
0,087	0,307	0,002	0,006	0,107	FALSE
-0,035	0,304	-0,002	0,011	0,051	FALSE
-0,018	0,306	-0,001	0,011	0,030	FALSE
0,073	0,297	0,002	0,010	0,090	FALSE
-0,128	0,318	-0,003	0,007	0,144	FALSE
-0,109	0,300	-0,005	0,012	0,154	FALSE
0,060	0,308	0,003	0,011	0,112	FALSE
-0,001	0,293	0,000	0,007	0,016	FALSE
-0,049	0,309	-0,003	0,012	0,096	FALSE
0,024	0,309	0,000	0,011	0,014	FALSE
0,065	0,306	0,002	0,009	0,062	FALSE
0,047	0,301	0,002	0,011	0,070	FALSE
-0,050	0,301	-0,001	0,012	0,045	FALSE
-0,101	0,295	-0,003	0,008	0,123	FALSE
-0,004	0,297	0,001	0,007	0,041	FALSE
0,011	0,307	0,001	0,012	0,019	FALSE
-0,166	0,287	-0,004	0,007	0,214	FALSE
-0,115	0,289	-0,005	0,010	0,182	FALSE
-0,082	0,302	-0,002	0,006	0,123	FALSE
0,037	0,319	0,001	0,010	0,043	FALSE
-0,056	0,316	-0,002	0,011	0,088	FALSE
0,127	0,302	0,003	0,007	0,187	FALSE
-0,079	0,321	-0,003	0,012	0,102	FALSE
0,077	0,307	0,003	0,010	0,100	FALSE
0,107	0,311	0,004	0,012	0,131	FALSE
-0,077	0,304	-0,001	0,006	0,088	FALSE
0,046	0,311	0,001	0,012	0,028	FALSE
-0,087	0,318	-0,003	0,010	0,123	FALSE
0,078	0,285	0,002	0,009	0,090	FALSE
-0,006	0,318	0,000	0,012	0,000	FALSE
-0,063	0,301	-0,002	0,011	0,079	FALSE
-0,030	0,314	-0,001	0,009	0,027	FALSE
-0,124	0,300	-0,006	0,012	0,211	FALSE
0,065	0,312	0,001	0,007	0,056	FALSE
0,103	0,289	0,003	0,007	0,176	FALSE
-0,036	0,291	-0,002	0,013	0,056	FALSE
-0,063	0,308	-0,003	0,012	0,108	FALSE
0,064	0,306	0,003	0,012	0,083	FALSE
0,031	0,299	0,001	0,012	0,038	FALSE
-0,016	0,302	0,001	0,009	0,023	FALSE
0,030	0,302	0,001	0,007	0,033	FALSE
-0,110	0,303	-0,003	0,008	0,164	FALSE
0,073	0,294	0,003	0,007	0,148	FALSE
0,096	0,314	0,002	0,007	0,102	FALSE
-0,030	0,299	-0,001	0,007	0,055	FALSE
-0,061	0,300	-0,002	0,007	0,086	FALSE
0,047	0,306	0,000	0,008	0,013	FALSE

-0,120	0,308	-0,005	0,010	0,200	FALSE
-0,112	0,304	-0,005	0,010	0,183	FALSE
-0,131	0,308	-0,005	0,010	0,216	FALSE
-0,001	0,316	-0,001	0,011	0,031	FALSE
-0,014	0,311	-0,001	0,012	0,016	FALSE
-0,021	0,303	-0,001	0,006	0,053	FALSE
-0,033	0,315	-0,001	0,012	0,025	FALSE
-0,055	0,308	-0,001	0,007	0,045	FALSE
-0,059	0,292	-0,001	0,007	0,068	FALSE
-0,052	0,306	-0,001	0,008	0,028	FALSE
-0,182	0,300	-0,008	0,012	0,279	FALSE
0,091	0,311	0,004	0,011	0,125	FALSE
0,006	0,296	0,000	0,006	0,002	FALSE
0,070	0,305	0,003	0,013	0,087	FALSE
-0,002	0,317	0,000	0,008	0,015	FALSE
0,055	0,311	0,001	0,010	0,047	FALSE
0,067	0,313	0,002	0,010	0,057	FALSE
0,076	0,310	0,003	0,011	0,108	FALSE
-0,012	0,302	0,000	0,010	0,010	FALSE
0,021	0,300	0,001	0,009	0,059	FALSE
0,002	0,317	0,000	0,007	0,001	FALSE
0,072	0,312	0,002	0,010	0,068	FALSE
0,065	0,297	0,003	0,012	0,099	FALSE
0,081	0,289	0,004	0,011	0,125	FALSE
-0,049	0,313	-0,001	0,007	0,047	FALSE
-0,099	0,312	-0,003	0,009	0,124	FALSE
0,027	0,304	0,001	0,008	0,028	FALSE
0,149	0,307	0,004	0,009	0,169	FALSE
0,146	0,319	0,006	0,012	0,203	FALSE
0,017	0,314	0,000	0,007	0,016	FALSE
0,032	0,311	0,001	0,008	0,033	FALSE
0,070	0,293	0,001	0,006	0,092	FALSE
0,089	0,303	0,002	0,007	0,116	FALSE
0,048	0,306	0,002	0,010	0,085	FALSE
-0,035	0,301	-0,002	0,011	0,050	FALSE
-0,034	0,300	-0,001	0,010	0,037	FALSE
-0,112	0,301	-0,002	0,006	0,126	FALSE
-0,130	0,322	-0,003	0,007	0,178	FALSE
-0,050	0,310	-0,002	0,012	0,061	FALSE
-0,011	0,307	0,000	0,013	0,004	FALSE
-0,009	0,302	0,000	0,010	0,016	FALSE
-0,026	0,305	-0,001	0,007	0,026	FALSE
0,047	0,295	0,000	0,010	0,004	FALSE
0,042	0,294	0,001	0,011	0,023	FALSE
-0,153	0,309	-0,004	0,011	0,158	FALSE
0,054	0,314	0,001	0,007	0,066	FALSE
-0,121	0,322	-0,003	0,009	0,129	FALSE
0,020	0,317	0,000	0,012	0,015	FALSE
0,004	0,322	0,000	0,012	0,011	FALSE
0,054	0,301	0,003	0,011	0,092	FALSE
-0,026	0,295	-0,001	0,008	0,047	FALSE
-0,070	0,311	-0,002	0,009	0,100	FALSE
-0,095	0,301	-0,002	0,006	0,110	FALSE

-0,025	0,315	-0,001	0,009	0,025	FALSE
-0,030	0,317	-0,001	0,010	0,033	FALSE
0,068	0,307	0,002	0,012	0,069	FALSE
0,060	0,314	0,002	0,009	0,065	FALSE
0,040	0,308	0,002	0,012	0,058	FALSE
-0,004	0,298	-0,001	0,012	0,015	FALSE
-0,047	0,310	-0,002	0,011	0,064	FALSE
-0,065	0,296	-0,003	0,012	0,093	FALSE
-0,047	0,293	-0,001	0,007	0,035	FALSE
-0,029	0,306	0,000	0,006	0,002	FALSE
-0,019	0,296	-0,001	0,010	0,032	FALSE
0,002	0,304	0,001	0,009	0,019	FALSE
0,117	0,302	0,005	0,011	0,190	FALSE
0,112	0,312	0,004	0,011	0,151	FALSE
-0,048	0,313	-0,002	0,013	0,067	FALSE
-0,040	0,316	-0,001	0,007	0,080	FALSE
-0,080	0,310	-0,003	0,011	0,100	FALSE
-0,122	0,300	-0,005	0,011	0,193	FALSE
-0,084	0,307	-0,002	0,008	0,077	FALSE
-0,100	0,306	-0,003	0,011	0,127	FALSE
-0,154	0,310	-0,005	0,012	0,179	FALSE
0,017	0,297	0,000	0,007	0,009	FALSE
-0,055	0,317	-0,002	0,009	0,102	FALSE
-0,105	0,301	-0,002	0,006	0,140	FALSE
0,179	0,297	0,005	0,008	0,247	FALSE
-0,093	0,322	-0,004	0,013	0,113	FALSE
-0,008	0,326	-0,001	0,013	0,032	FALSE
-0,031	0,313	-0,001	0,011	0,040	FALSE
-0,006	0,301	0,000	0,007	0,006	FALSE
0,176	0,301	0,006	0,011	0,238	FALSE
0,062	0,298	0,002	0,010	0,088	FALSE
0,150	0,303	0,006	0,012	0,201	FALSE
0,034	0,297	0,000	0,007	0,019	FALSE
-0,014	0,310	-0,001	0,011	0,041	FALSE
-0,020	0,294	0,000	0,008	0,006	FALSE
0,028	0,308	0,001	0,011	0,030	FALSE
-0,058	0,302	-0,003	0,011	0,099	FALSE
0,118	0,306	0,004	0,011	0,158	FALSE
0,024	0,301	0,001	0,008	0,043	FALSE
0,040	0,312	0,001	0,012	0,040	FALSE
-0,002	0,317	0,001	0,013	0,019	FALSE
0,055	0,302	0,002	0,007	0,083	FALSE
0,065	0,302	0,002	0,007	0,085	FALSE
-0,046	0,306	-0,001	0,008	0,049	FALSE
-0,115	0,297	-0,004	0,009	0,161	FALSE
-0,115	0,323	-0,003	0,009	0,137	FALSE
-0,053	0,309	-0,002	0,010	0,073	FALSE
0,033	0,311	0,002	0,010	0,065	FALSE
0,044	0,318	0,001	0,007	0,070	FALSE
-0,113	0,292	-0,004	0,010	0,153	FALSE
0,030	0,300	0,001	0,010	0,043	FALSE
0,039	0,301	0,001	0,008	0,064	FALSE
-0,019	0,304	0,000	0,007	0,000	FALSE

-0,085	0,309	-0,004	0,012	0,127	FALSE
-0,050	0,319	-0,001	0,007	0,066	FALSE
0,047	0,312	0,001	0,006	0,070	FALSE
0,042	0,312	0,000	0,009	0,011	FALSE
-0,233	0,289	-0,006	0,008	0,353	FALSE
-0,083	0,304	-0,004	0,013	0,116	FALSE
-0,092	0,302	-0,004	0,012	0,119	FALSE
-0,072	0,317	-0,002	0,012	0,071	FALSE
-0,027	0,314	-0,001	0,012	0,016	FALSE
0,051	0,306	0,001	0,006	0,041	FALSE
0,080	0,300	0,001	0,006	0,079	FALSE
0,122	0,288	0,004	0,009	0,206	FALSE
-0,042	0,314	-0,002	0,010	0,062	FALSE
-0,027	0,310	-0,001	0,011	0,044	FALSE
-0,073	0,298	-0,002	0,009	0,104	FALSE
0,128	0,316	0,004	0,009	0,171	FALSE
0,090	0,310	0,002	0,009	0,105	FALSE
-0,155	0,298	-0,006	0,012	0,200	FALSE
-0,026	0,316	-0,001	0,012	0,045	FALSE
-0,060	0,302	-0,003	0,012	0,085	FALSE
0,177	0,297	0,004	0,006	0,294	FALSE
0,089	0,320	0,003	0,010	0,104	FALSE
0,050	0,304	0,001	0,006	0,049	FALSE
-0,114	0,309	-0,003	0,007	0,170	FALSE
0,078	0,314	0,002	0,008	0,081	FALSE
0,190	0,286	0,009	0,012	0,346	FALSE
-0,002	0,321	0,000	0,010	0,005	FALSE
-0,056	0,296	-0,001	0,007	0,062	FALSE
0,026	0,301	0,001	0,008	0,054	FALSE
0,072	0,319	0,003	0,010	0,097	FALSE
-0,051	0,302	-0,001	0,007	0,063	FALSE
-0,049	0,304	-0,002	0,010	0,056	FALSE
-0,026	0,319	0,000	0,009	0,017	FALSE
-0,041	0,314	-0,002	0,012	0,061	FALSE
-0,119	0,308	-0,003	0,008	0,160	FALSE
0,160	0,274	0,008	0,011	0,324	FALSE
0,106	0,291	0,006	0,012	0,201	FALSE
-0,110	0,307	-0,005	0,010	0,196	FALSE
-0,001	0,306	0,000	0,013	0,004	FALSE
0,113	0,285	0,004	0,012	0,145	FALSE
0,176	0,285	0,004	0,006	0,296	FALSE
-0,092	0,295	-0,005	0,011	0,173	FALSE
0,060	0,301	0,001	0,008	0,056	FALSE
-0,030	0,313	-0,001	0,008	0,027	FALSE
0,114	0,303	0,003	0,008	0,128	FALSE
-0,072	0,308	-0,001	0,009	0,054	FALSE
0,122	0,298	0,002	0,006	0,170	FALSE
-0,027	0,317	0,000	0,007	0,018	FALSE
0,066	0,313	0,003	0,013	0,088	FALSE
0,107	0,301	0,005	0,012	0,172	FALSE
0,089	0,307	0,004	0,012	0,134	FALSE
0,081	0,306	0,004	0,012	0,118	FALSE
-0,098	0,308	-0,003	0,010	0,131	FALSE

-0,046	0,318	-0,001	0,007	0,074	FALSE
-0,042	0,295	-0,002	0,012	0,058	FALSE
-0,003	0,312	0,001	0,011	0,022	FALSE
0,008	0,306	0,000	0,008	0,020	FALSE
0,017	0,312	0,001	0,013	0,038	FALSE
-0,079	0,298	-0,002	0,008	0,087	FALSE
-0,020	0,316	0,000	0,008	0,006	FALSE
0,040	0,311	0,001	0,009	0,037	FALSE
0,047	0,292	0,001	0,008	0,046	FALSE
0,025	0,293	0,001	0,009	0,021	FALSE
-0,131	0,302	-0,004	0,009	0,175	FALSE
0,078	0,298	0,002	0,010	0,091	FALSE
-0,015	0,322	-0,001	0,010	0,040	FALSE
-0,019	0,310	-0,001	0,013	0,030	FALSE
0,093	0,313	0,002	0,007	0,134	FALSE
0,043	0,308	0,002	0,008	0,070	FALSE
0,109	0,315	0,003	0,008	0,157	FALSE
-0,068	0,284	-0,001	0,008	0,052	FALSE
0,192	0,292	0,005	0,008	0,294	FALSE
0,004	0,305	0,000	0,008	0,007	FALSE
0,096	0,308	0,004	0,012	0,134	FALSE
-0,054	0,311	-0,002	0,009	0,084	FALSE
-0,052	0,320	-0,002	0,008	0,084	FALSE
-0,026	0,308	0,000	0,008	0,002	FALSE
0,021	0,304	0,000	0,006	0,006	FALSE
-0,012	0,312	0,001	0,011	0,026	FALSE
-0,014	0,315	0,000	0,009	0,017	FALSE
0,128	0,298	0,004	0,011	0,137	FALSE
-0,216	0,284	-0,007	0,010	0,352	FALSE
-0,076	0,309	-0,002	0,007	0,110	FALSE
0,027	0,320	0,001	0,009	0,046	FALSE
0,008	0,313	0,000	0,013	0,001	FALSE
0,011	0,305	0,000	0,007	0,011	FALSE
0,029	0,316	0,000	0,013	0,011	FALSE
-0,017	0,310	-0,001	0,012	0,032	FALSE
0,026	0,305	0,001	0,011	0,016	FALSE
0,013	0,304	0,001	0,012	0,020	FALSE
-0,023	0,316	-0,001	0,011	0,025	FALSE
0,008	0,298	0,001	0,010	0,031	FALSE
-0,014	0,298	0,000	0,007	0,013	FALSE
-0,041	0,305	-0,001	0,006	0,051	FALSE
0,014	0,316	0,001	0,009	0,038	FALSE
0,065	0,309	0,002	0,008	0,083	FALSE
-0,008	0,318	0,000	0,007	0,003	FALSE
0,074	0,314	0,002	0,010	0,073	FALSE
-0,038	0,312	-0,001	0,006	0,031	FALSE
0,089	0,304	0,002	0,008	0,100	FALSE
0,134	0,316	0,003	0,007	0,147	FALSE
-0,060	0,309	-0,002	0,012	0,073	FALSE
0,051	0,302	0,002	0,012	0,055	FALSE
-0,054	0,312	-0,001	0,007	0,082	FALSE
0,030	0,298	0,001	0,010	0,019	FALSE
0,130	0,305	0,005	0,013	0,178	FALSE

0,073	0,299	0,002	0,008	0,120	FALSE
0,063	0,302	0,002	0,008	0,099	FALSE
0,130	0,285	0,005	0,008	0,247	FALSE
0,079	0,302	0,003	0,009	0,118	FALSE
0,092	0,307	0,003	0,009	0,127	FALSE
-0,057	0,306	-0,002	0,010	0,066	FALSE
0,001	0,311	0,000	0,012	0,010	FALSE
-0,083	0,315	-0,004	0,012	0,125	FALSE
0,063	0,309	0,001	0,008	0,066	FALSE
-0,020	0,309	-0,001	0,009	0,026	FALSE
0,042	0,293	0,001	0,006	0,055	FALSE
0,014	0,299	0,001	0,006	0,031	FALSE
0,026	0,303	0,001	0,010	0,037	FALSE
-0,241	0,292	-0,011	0,013	0,403	FALSE
-0,278	0,278	-0,010	0,010	0,485	FALSE
-0,287	0,277	-0,011	0,010	0,520	FALSE
-0,061	0,292	-0,002	0,011	0,075	FALSE
0,181	0,298	0,006	0,009	0,275	FALSE
-0,163	0,294	-0,006	0,012	0,220	FALSE
0,050	0,302	0,000	0,006	0,021	FALSE
-0,010	0,314	-0,001	0,012	0,039	FALSE
-0,027	0,317	-0,001	0,013	0,030	FALSE
0,053	0,305	0,003	0,012	0,089	FALSE
0,110	0,307	0,002	0,007	0,125	FALSE
0,094	0,309	0,004	0,012	0,134	FALSE
0,034	0,314	0,000	0,008	0,017	FALSE
-0,113	0,291	-0,003	0,007	0,145	FALSE
0,045	0,303	0,001	0,007	0,068	FALSE
-0,005	0,310	0,000	0,007	0,012	FALSE
0,044	0,301	0,002	0,009	0,075	FALSE
0,072	0,303	0,003	0,012	0,083	FALSE
0,080	0,301	0,003	0,010	0,124	FALSE
-0,001	0,304	0,000	0,009	0,008	FALSE
0,111	0,297	0,005	0,012	0,161	FALSE
0,003	0,299	0,001	0,007	0,043	FALSE
0,057	0,320	0,002	0,010	0,091	FALSE
0,019	0,291	0,001	0,009	0,030	FALSE
0,076	0,305	0,004	0,012	0,113	FALSE
-0,142	0,296	-0,005	0,010	0,196	FALSE
-0,036	0,308	-0,001	0,012	0,043	FALSE
-0,078	0,305	-0,001	0,007	0,076	FALSE
0,176	0,297	0,008	0,013	0,259	FALSE
0,006	0,296	0,000	0,006	0,002	FALSE
0,067	0,300	0,003	0,010	0,122	FALSE
0,017	0,310	0,000	0,006	0,020	FALSE
-0,017	0,319	-0,001	0,007	0,047	FALSE
-0,068	0,319	-0,002	0,008	0,098	FALSE
-0,070	0,318	-0,002	0,008	0,104	FALSE
0,069	0,308	0,001	0,007	0,063	FALSE
-0,141	0,319	-0,003	0,007	0,168	FALSE
-0,092	0,307	-0,004	0,012	0,128	FALSE
-0,060	0,318	-0,002	0,011	0,057	FALSE
-0,109	0,297	-0,004	0,010	0,141	FALSE

0,127	0,318	0,003	0,009	0,149	FALSE
-0,081	0,316	-0,003	0,010	0,107	FALSE
-0,072	0,306	-0,003	0,010	0,105	FALSE
-0,076	0,306	-0,003	0,010	0,102	FALSE
0,122	0,295	0,004	0,008	0,201	FALSE
0,063	0,311	0,001	0,008	0,066	FALSE
-0,123	0,317	-0,003	0,008	0,144	FALSE
-0,016	0,305	-0,001	0,009	0,045	FALSE
-0,022	0,316	-0,002	0,010	0,059	FALSE
0,085	0,315	0,002	0,008	0,106	FALSE
0,134	0,295	0,003	0,007	0,154	FALSE
-0,067	0,305	-0,002	0,012	0,074	FALSE
-0,070	0,308	-0,003	0,012	0,079	FALSE
0,046	0,323	0,002	0,011	0,058	FALSE
-0,044	0,317	-0,002	0,012	0,058	FALSE
-0,100	0,318	-0,003	0,009	0,131	FALSE
0,014	0,298	0,001	0,012	0,031	FALSE
0,072	0,314	0,001	0,006	0,087	FALSE
-0,067	0,311	-0,003	0,012	0,092	FALSE
0,037	0,304	0,002	0,011	0,060	FALSE
0,026	0,293	0,002	0,009	0,065	FALSE
0,042	0,294	0,001	0,011	0,045	FALSE
0,098	0,294	0,003	0,008	0,140	FALSE
0,069	0,326	0,002	0,009	0,077	FALSE
0,046	0,300	0,002	0,012	0,070	FALSE
0,002	0,301	0,000	0,007	0,006	FALSE
-0,154	0,298	-0,003	0,007	0,206	FALSE
0,199	0,291	0,007	0,009	0,361	FALSE
-0,001	0,303	-0,001	0,009	0,019	FALSE
0,111	0,310	0,005	0,010	0,196	FALSE
0,076	0,307	0,003	0,010	0,108	FALSE
0,020	0,312	0,000	0,008	0,003	FALSE
0,015	0,302	0,000	0,013	0,003	FALSE
0,148	0,302	0,004	0,008	0,220	FALSE
-0,084	0,310	-0,001	0,007	0,081	FALSE
0,018	0,307	0,000	0,007	0,010	FALSE
0,208	0,283	0,005	0,008	0,278	FALSE
-0,014	0,306	0,000	0,007	0,023	FALSE
0,004	0,303	0,001	0,012	0,041	FALSE
0,053	0,315	0,001	0,008	0,040	FALSE
-0,088	0,299	-0,002	0,007	0,123	FALSE
0,176	0,308	0,006	0,011	0,249	FALSE
0,079	0,304	0,004	0,012	0,116	FALSE
0,096	0,305	0,002	0,007	0,132	FALSE
-0,051	0,314	-0,001	0,007	0,077	FALSE
0,047	0,311	0,002	0,008	0,093	FALSE
0,013	0,297	0,001	0,006	0,042	FALSE
0,023	0,311	0,001	0,008	0,055	FALSE
0,061	0,301	0,001	0,006	0,087	FALSE
0,080	0,304	0,003	0,008	0,123	FALSE
-0,019	0,307	-0,001	0,009	0,039	FALSE
-0,007	0,309	0,000	0,007	0,003	FALSE
-0,028	0,306	-0,001	0,011	0,035	FALSE

-0,029	0,312	-0,002	0,011	0,060	FALSE
0,024	0,309	0,001	0,011	0,030	FALSE
0,044	0,308	0,001	0,009	0,025	FALSE
-0,128	0,317	-0,003	0,008	0,125	FALSE
-0,129	0,313	-0,003	0,008	0,137	FALSE
0,062	0,306	0,001	0,009	0,052	FALSE
0,013	0,316	0,000	0,011	0,007	FALSE
0,050	0,296	0,001	0,008	0,064	FALSE
-0,013	0,316	0,000	0,011	0,003	FALSE
-0,001	0,309	0,000	0,008	0,017	FALSE
0,056	0,291	0,002	0,006	0,114	FALSE
0,066	0,314	0,002	0,010	0,069	FALSE
-0,053	0,307	-0,002	0,010	0,062	FALSE
-0,028	0,305	0,000	0,008	0,018	FALSE
0,098	0,292	0,002	0,006	0,140	FALSE
0,019	0,305	0,000	0,007	0,003	FALSE
-0,063	0,308	-0,005	0,013	0,148	FALSE
-0,019	0,307	-0,003	0,012	0,079	FALSE
-0,033	0,296	-0,003	0,012	0,103	FALSE
0,047	0,300	0,002	0,007	0,085	FALSE
0,061	0,305	0,001	0,007	0,071	FALSE
-0,044	0,310	-0,001	0,012	0,036	FALSE
0,022	0,288	0,002	0,012	0,056	FALSE
0,027	0,295	0,002	0,012	0,072	FALSE
0,086	0,306	0,002	0,008	0,103	FALSE
0,050	0,304	0,001	0,009	0,055	FALSE
-0,016	0,305	-0,001	0,012	0,026	FALSE
0,035	0,307	0,001	0,007	0,030	FALSE
0,075	0,296	0,002	0,008	0,123	FALSE
-0,048	0,309	-0,001	0,006	0,077	FALSE
-0,002	0,312	-0,001	0,009	0,039	FALSE
0,056	0,307	0,002	0,009	0,101	FALSE
-0,009	0,316	-0,001	0,012	0,015	FALSE
-0,009	0,309	0,000	0,007	0,007	FALSE
-0,013	0,295	-0,001	0,007	0,027	FALSE
-0,068	0,312	-0,002	0,010	0,081	FALSE
0,063	0,296	0,003	0,012	0,087	FALSE
-0,043	0,304	-0,001	0,008	0,034	FALSE
-0,003	0,304	-0,001	0,011	0,020	FALSE
-0,080	0,299	-0,001	0,006	0,094	FALSE
0,120	0,295	0,004	0,009	0,199	FALSE
-0,043	0,303	-0,001	0,008	0,060	FALSE
0,045	0,296	0,002	0,012	0,062	FALSE
0,081	0,297	0,003	0,011	0,117	FALSE
0,071	0,293	0,002	0,008	0,093	FALSE
-0,002	0,309	-0,001	0,009	0,022	FALSE
-0,095	0,294	-0,002	0,008	0,104	FALSE
0,098	0,305	0,002	0,008	0,105	FALSE
-0,059	0,312	-0,002	0,009	0,088	FALSE
-0,035	0,296	-0,001	0,008	0,035	FALSE
-0,149	0,300	-0,004	0,008	0,205	FALSE
0,015	0,306	0,001	0,006	0,038	FALSE
0,065	0,284	0,002	0,008	0,091	FALSE

-0,080	0,303	-0,001	0,008	0,064	FALSE
0,031	0,306	0,001	0,009	0,028	FALSE
-0,039	0,313	-0,001	0,007	0,045	FALSE
0,033	0,288	0,001	0,011	0,037	FALSE
0,166	0,301	0,007	0,011	0,272	FALSE
-0,092	0,300	-0,002	0,007	0,094	FALSE
0,190	0,287	0,008	0,012	0,322	FALSE
0,149	0,293	0,004	0,006	0,246	FALSE
0,060	0,297	0,002	0,009	0,075	FALSE
0,064	0,313	0,002	0,009	0,095	FALSE
0,092	0,304	0,003	0,012	0,114	FALSE
0,065	0,308	0,002	0,009	0,078	FALSE
0,037	0,298	0,002	0,012	0,045	FALSE
0,115	0,303	0,003	0,008	0,168	FALSE
-0,076	0,296	-0,004	0,013	0,116	FALSE
-0,109	0,305	-0,004	0,009	0,181	FALSE
0,122	0,298	0,003	0,006	0,175	FALSE
0,074	0,308	0,002	0,008	0,105	FALSE
-0,016	0,303	-0,001	0,012	0,040	FALSE
0,074	0,312	0,001	0,008	0,069	FALSE
-0,107	0,301	-0,005	0,012	0,152	FALSE
0,083	0,299	0,002	0,006	0,114	FALSE
-0,036	0,304	-0,001	0,007	0,063	FALSE
-0,017	0,303	0,000	0,006	0,014	FALSE
0,016	0,289	0,001	0,006	0,039	FALSE
-0,128	0,302	-0,003	0,007	0,205	FALSE
0,008	0,299	0,001	0,012	0,019	FALSE
0,114	0,307	0,002	0,007	0,140	FALSE
-0,107	0,311	-0,003	0,008	0,134	FALSE
0,025	0,290	0,001	0,008	0,029	FALSE
0,056	0,293	0,001	0,007	0,066	FALSE
0,028	0,304	0,001	0,006	0,067	FALSE
0,032	0,303	0,001	0,006	0,067	FALSE
-0,011	0,307	-0,001	0,007	0,042	FALSE
-0,065	0,289	-0,001	0,010	0,046	FALSE
0,021	0,309	0,000	0,007	0,019	FALSE
0,063	0,298	0,002	0,008	0,077	FALSE
-0,171	0,304	-0,004	0,007	0,240	FALSE
-0,110	0,297	-0,002	0,006	0,165	FALSE
-0,074	0,307	-0,004	0,013	0,105	FALSE
-0,115	0,335	-0,003	0,007	0,152	FALSE
0,067	0,306	0,002	0,009	0,100	FALSE
-0,050	0,305	-0,002	0,012	0,070	FALSE
-0,084	0,295	-0,003	0,010	0,134	FALSE
-0,103	0,296	-0,004	0,010	0,161	FALSE
-0,039	0,287	-0,002	0,012	0,066	FALSE
-0,066	0,316	-0,002	0,007	0,084	FALSE
0,007	0,299	0,001	0,011	0,043	FALSE
0,113	0,322	0,004	0,009	0,181	FALSE
0,101	0,315	0,004	0,010	0,143	FALSE
0,011	0,298	0,000	0,010	0,013	FALSE
-0,174	0,294	-0,006	0,012	0,227	FALSE
-0,147	0,303	-0,005	0,012	0,177	FALSE

-0,102	0,305	-0,003	0,008	0,128	FALSE
-0,146	0,305	-0,004	0,009	0,186	FALSE
0,018	0,308	0,000	0,009	0,009	FALSE
0,015	0,314	0,001	0,007	0,035	FALSE
-0,076	0,315	-0,002	0,008	0,085	FALSE
-0,037	0,316	-0,002	0,009	0,084	FALSE
0,127	0,297	0,005	0,009	0,221	FALSE
-0,065	0,307	-0,002	0,008	0,110	FALSE
0,130	0,303	0,003	0,009	0,157	FALSE
-0,040	0,313	-0,001	0,009	0,022	FALSE
-0,023	0,309	0,001	0,013	0,015	FALSE
0,126	0,294	0,004	0,008	0,226	FALSE
-0,065	0,302	-0,003	0,010	0,101	FALSE
0,122	0,303	0,006	0,011	0,200	FALSE
-0,059	0,310	-0,002	0,010	0,086	FALSE
0,146	0,327	0,004	0,008	0,206	FALSE
-0,037	0,300	-0,001	0,013	0,014	FALSE
0,011	0,289	0,002	0,011	0,088	FALSE
0,011	0,305	0,000	0,006	0,001	FALSE
0,036	0,304	0,001	0,012	0,033	FALSE
0,025	0,307	0,001	0,012	0,027	FALSE
0,081	0,302	0,001	0,007	0,081	FALSE
0,007	0,295	0,000	0,008	0,009	FALSE
-0,010	0,303	-0,001	0,007	0,040	FALSE
-0,126	0,302	-0,004	0,010	0,170	FALSE
-0,023	0,304	-0,001	0,012	0,032	FALSE
0,010	0,309	0,000	0,012	0,003	FALSE
0,016	0,309	0,001	0,011	0,020	FALSE
-0,028	0,306	-0,001	0,010	0,028	FALSE
0,159	0,311	0,005	0,010	0,198	FALSE
0,183	0,291	0,008	0,011	0,314	FALSE
-0,029	0,313	0,000	0,008	0,001	FALSE
-0,187	0,290	-0,008	0,011	0,315	FALSE
0,062	0,315	0,003	0,013	0,077	FALSE
0,013	0,296	0,000	0,012	0,014	FALSE
-0,066	0,311	-0,003	0,011	0,101	FALSE
-0,024	0,290	0,000	0,006	0,020	FALSE
-0,010	0,309	-0,001	0,011	0,028	FALSE
0,097	0,305	0,003	0,009	0,160	FALSE
-0,020	0,282	0,000	0,010	0,004	FALSE
0,004	0,276	0,001	0,010	0,037	FALSE
0,107	0,274	0,002	0,006	0,131	FALSE
-0,131	0,312	-0,004	0,008	0,181	FALSE
0,055	0,298	0,002	0,012	0,048	FALSE
-0,003	0,305	0,000	0,007	0,014	FALSE
0,003	0,315	0,000	0,008	0,004	FALSE
-0,001	0,321	0,000	0,007	0,013	FALSE
-0,006	0,299	0,000	0,008	0,023	FALSE
-0,085	0,313	-0,002	0,007	0,085	FALSE
0,127	0,290	0,006	0,012	0,222	FALSE
-0,044	0,310	-0,002	0,008	0,076	FALSE
-0,073	0,294	-0,003	0,011	0,111	FALSE
-0,037	0,283	-0,001	0,005	0,037	FALSE

0,050	0,301	0,001	0,007	0,070	FALSE
-0,141	0,293	-0,006	0,012	0,230	FALSE
-0,102	0,304	-0,002	0,007	0,140	FALSE
0,066	0,303	0,001	0,008	0,072	FALSE
0,058	0,307	0,001	0,012	0,035	FALSE
0,033	0,282	0,000	0,012	0,002	FALSE
0,044	0,317	0,001	0,007	0,031	FALSE
0,056	0,319	0,001	0,008	0,053	FALSE
-0,008	0,303	-0,001	0,009	0,024	FALSE
-0,004	0,311	0,000	0,011	0,012	FALSE
-0,026	0,316	-0,001	0,013	0,031	FALSE
0,031	0,313	0,001	0,012	0,017	FALSE
-0,117	0,318	-0,003	0,009	0,127	FALSE
-0,112	0,312	-0,003	0,008	0,145	FALSE
0,151	0,302	0,005	0,011	0,193	FALSE
0,057	0,314	0,001	0,008	0,064	FALSE
-0,072	0,307	-0,002	0,010	0,072	FALSE
-0,082	0,301	-0,003	0,012	0,111	FALSE
0,025	0,293	-0,001	0,012	0,020	FALSE
-0,002	0,317	-0,001	0,011	0,045	FALSE
0,006	0,298	0,002	0,012	0,056	FALSE
-0,070	0,306	-0,003	0,011	0,110	FALSE
-0,040	0,307	-0,002	0,010	0,082	FALSE
-0,041	0,316	-0,002	0,011	0,077	FALSE
0,150	0,319	0,007	0,013	0,242	FALSE
0,207	0,288	0,006	0,008	0,354	FALSE
-0,127	0,311	-0,003	0,007	0,197	FALSE
0,107	0,297	0,005	0,013	0,175	FALSE
-0,073	0,296	-0,002	0,009	0,067	FALSE
-0,074	0,307	-0,002	0,013	0,069	FALSE
-0,065	0,319	-0,002	0,009	0,092	FALSE
-0,063	0,297	-0,002	0,008	0,102	FALSE
-0,043	0,316	-0,001	0,011	0,047	FALSE
-0,047	0,310	-0,002	0,012	0,054	FALSE
0,089	0,309	0,003	0,009	0,146	FALSE
-0,042	0,300	-0,002	0,012	0,059	FALSE
-0,044	0,308	-0,001	0,012	0,043	FALSE
0,018	0,315	0,000	0,012	0,008	FALSE
0,057	0,312	0,001	0,010	0,051	FALSE
-0,018	0,305	0,000	0,009	0,013	FALSE
-0,027	0,305	-0,002	0,011	0,050	FALSE
0,052	0,298	0,002	0,008	0,078	FALSE
-0,048	0,311	-0,001	0,007	0,045	FALSE
0,034	0,306	0,001	0,008	0,040	FALSE
-0,131	0,298	-0,003	0,007	0,183	FALSE
-0,198	0,286	-0,005	0,008	0,286	FALSE
-0,011	0,306	-0,002	0,008	0,067	FALSE
-0,040	0,307	-0,001	0,006	0,045	FALSE
-0,056	0,309	-0,001	0,008	0,060	FALSE
-0,007	0,310	-0,001	0,009	0,047	FALSE
-0,013	0,311	0,000	0,008	0,003	FALSE
-0,064	0,311	-0,002	0,009	0,100	FALSE
-0,034	0,312	-0,001	0,007	0,073	FALSE

-0,088	0,307	-0,003	0,008	0,128	FALSE
0,071	0,303	0,002	0,008	0,104	FALSE
0,121	0,302	0,004	0,011	0,168	FALSE
-0,025	0,312	-0,001	0,010	0,027	FALSE
-0,030	0,303	-0,001	0,012	0,027	FALSE
0,034	0,308	0,001	0,007	0,040	FALSE
0,015	0,312	0,000	0,008	0,009	FALSE
-0,149	0,305	-0,004	0,008	0,192	FALSE
-0,099	0,302	-0,002	0,008	0,122	FALSE
-0,088	0,304	-0,004	0,010	0,133	FALSE
-0,081	0,312	-0,004	0,011	0,125	FALSE
0,212	0,294	0,007	0,010	0,302	FALSE
-0,061	0,314	-0,002	0,012	0,072	FALSE
-0,103	0,304	-0,002	0,007	0,116	FALSE
0,021	0,314	0,000	0,009	0,006	FALSE
0,100	0,303	0,002	0,006	0,147	FALSE
0,140	0,305	0,003	0,006	0,185	FALSE
-0,038	0,324	-0,001	0,008	0,049	FALSE
-0,099	0,298	-0,004	0,011	0,160	FALSE
-0,099	0,303	-0,004	0,010	0,163	FALSE
-0,105	0,310	-0,005	0,011	0,175	FALSE
-0,031	0,306	-0,001	0,010	0,046	FALSE
0,040	0,312	0,002	0,007	0,084	FALSE
0,030	0,314	0,001	0,011	0,029	FALSE
0,049	0,307	0,001	0,011	0,047	FALSE
0,002	0,309	0,000	0,012	0,008	FALSE
0,176	0,285	0,005	0,009	0,278	FALSE
-0,028	0,304	0,000	0,008	0,008	FALSE
0,160	0,311	0,005	0,009	0,239	FALSE
-0,028	0,308	-0,002	0,011	0,051	FALSE
0,020	0,297	0,000	0,010	0,001	FALSE
0,090	0,303	0,003	0,009	0,137	FALSE
-0,086	0,314	-0,002	0,009	0,082	FALSE
0,009	0,315	0,000	0,012	0,004	FALSE
0,005	0,308	0,000	0,009	0,005	FALSE
-0,050	0,295	-0,002	0,011	0,054	FALSE
-0,116	0,298	-0,003	0,006	0,168	FALSE
-0,065	0,308	-0,002	0,007	0,106	FALSE
-0,131	0,307	-0,004	0,009	0,183	FALSE
-0,041	0,306	-0,002	0,009	0,068	FALSE
0,080	0,305	0,002	0,007	0,110	FALSE
0,026	0,311	0,000	0,007	0,003	FALSE
-0,072	0,298	-0,003	0,012	0,110	FALSE
0,076	0,306	0,002	0,006	0,109	FALSE
-0,161	0,294	-0,007	0,013	0,225	FALSE
0,096	0,307	0,002	0,007	0,124	FALSE
-0,038	0,302	-0,002	0,007	0,090	FALSE
-0,064	0,305	-0,001	0,008	0,066	FALSE
0,000	0,323	0,000	0,008	0,017	FALSE
0,024	0,322	0,001	0,010	0,022	FALSE
0,092	0,296	0,003	0,008	0,134	FALSE
-0,004	0,309	0,000	0,007	0,013	FALSE
-0,107	0,311	-0,002	0,009	0,101	FALSE

0,003	0,310	0,000	0,008	0,012	FALSE
0,041	0,314	0,001	0,007	0,051	FALSE
0,022	0,305	0,001	0,010	0,037	FALSE
-0,045	0,301	-0,001	0,008	0,033	FALSE
0,020	0,312	0,000	0,008	0,006	FALSE
0,029	0,306	0,001	0,013	0,030	FALSE
0,026	0,317	0,001	0,007	0,041	FALSE
0,074	0,314	0,002	0,007	0,107	FALSE
0,078	0,305	0,002	0,006	0,122	FALSE
0,058	0,321	0,001	0,007	0,059	FALSE
-0,148	0,297	-0,004	0,007	0,241	TRUE
0,050	0,310	0,002	0,010	0,059	FALSE
0,183	0,269	0,007	0,011	0,259	FALSE
0,016	0,314	0,000	0,012	0,001	FALSE
-0,048	0,293	-0,003	0,012	0,089	FALSE
0,093	0,298	0,002	0,009	0,085	FALSE
-0,105	0,311	-0,002	0,007	0,132	FALSE
-0,014	0,320	-0,001	0,006	0,029	FALSE
-0,062	0,310	-0,002	0,009	0,097	FALSE
-0,004	0,314	0,000	0,006	0,012	FALSE
-0,004	0,314	0,000	0,006	0,017	FALSE
-0,050	0,311	-0,001	0,006	0,087	FALSE
0,053	0,317	0,001	0,007	0,073	FALSE
0,030	0,303	0,001	0,007	0,048	FALSE
-0,016	0,310	-0,001	0,009	0,035	FALSE
0,016	0,313	0,001	0,007	0,031	FALSE
0,014	0,310	0,000	0,008	0,013	FALSE
-0,090	0,307	-0,003	0,012	0,108	FALSE
-0,054	0,290	-0,002	0,011	0,079	FALSE
-0,037	0,302	-0,001	0,010	0,051	FALSE
-0,075	0,323	-0,003	0,011	0,089	FALSE
0,070	0,315	0,001	0,012	0,041	FALSE
0,089	0,307	0,003	0,010	0,128	FALSE
-0,019	0,312	0,000	0,012	0,011	FALSE
0,053	0,312	0,002	0,008	0,085	FALSE
-0,097	0,294	-0,003	0,007	0,167	FALSE
-0,057	0,313	-0,002	0,008	0,104	FALSE
-0,017	0,301	0,000	0,012	0,014	FALSE
-0,014	0,306	0,001	0,012	0,019	FALSE
-0,017	0,314	0,000	0,007	0,020	FALSE
-0,033	0,305	-0,001	0,009	0,029	FALSE
0,028	0,304	0,001	0,008	0,039	FALSE
0,005	0,307	0,000	0,008	0,012	FALSE
-0,077	0,298	-0,003	0,010	0,113	FALSE
0,061	0,311	0,003	0,012	0,099	FALSE
0,012	0,319	0,000	0,006	0,012	FALSE
-0,229	0,298	-0,006	0,008	0,311	FALSE
0,111	0,305	0,004	0,009	0,176	FALSE
-0,047	0,322	-0,001	0,008	0,047	FALSE
-0,083	0,306	-0,003	0,012	0,102	FALSE
-0,046	0,306	-0,001	0,008	0,038	FALSE
-0,068	0,314	-0,002	0,008	0,073	FALSE
0,026	0,304	0,001	0,007	0,050	FALSE

-0,057	0,309	-0,002	0,011	0,069	FALSE
-0,023	0,320	-0,001	0,007	0,035	FALSE
-0,064	0,316	-0,002	0,010	0,079	FALSE
-0,053	0,312	-0,002	0,012	0,069	FALSE
0,087	0,310	0,002	0,007	0,107	FALSE
0,084	0,302	0,003	0,012	0,090	FALSE
0,087	0,303	0,002	0,006	0,132	FALSE
-0,006	0,309	0,000	0,006	0,009	FALSE
0,078	0,302	0,003	0,010	0,100	FALSE
0,049	0,308	0,001	0,007	0,050	FALSE
0,015	0,295	0,001	0,010	0,036	FALSE
-0,002	0,317	0,000	0,011	0,014	FALSE
-0,075	0,307	-0,002	0,006	0,091	FALSE
-0,001	0,314	0,000	0,009	0,000	FALSE
0,021	0,305	0,000	0,011	0,006	FALSE
-0,077	0,307	-0,003	0,010	0,114	FALSE
0,006	0,319	0,000	0,009	0,009	FALSE
0,044	0,304	0,002	0,007	0,100	FALSE
0,016	0,313	0,000	0,011	0,001	FALSE
0,003	0,289	0,000	0,006	0,017	FALSE
0,082	0,316	0,003	0,010	0,103	FALSE
-0,135	0,293	-0,005	0,012	0,180	FALSE
-0,032	0,308	-0,001	0,008	0,051	FALSE
-0,128	0,315	-0,005	0,011	0,197	FALSE
0,051	0,302	0,001	0,011	0,024	FALSE
-0,060	0,304	-0,003	0,011	0,094	FALSE
-0,096	0,314	-0,002	0,008	0,105	FALSE
-0,074	0,316	-0,002	0,012	0,065	FALSE
-0,009	0,316	-0,001	0,013	0,036	FALSE
0,206	0,307	0,006	0,009	0,295	FALSE
-0,123	0,299	-0,003	0,007	0,150	FALSE
0,020	0,303	0,001	0,008	0,030	FALSE
0,033	0,302	0,002	0,012	0,062	FALSE
-0,077	0,299	-0,004	0,012	0,122	FALSE
-0,101	0,289	-0,004	0,009	0,153	FALSE
0,018	0,312	0,001	0,009	0,038	FALSE
0,002	0,310	0,000	0,009	0,014	FALSE
-0,117	0,315	-0,004	0,009	0,203	FALSE
0,013	0,315	0,001	0,009	0,029	FALSE
0,018	0,326	0,001	0,009	0,035	FALSE
-0,023	0,310	0,000	0,007	0,015	FALSE
-0,035	0,314	-0,001	0,011	0,016	FALSE
-0,030	0,305	-0,001	0,011	0,021	FALSE
0,197	0,281	0,005	0,007	0,340	FALSE
0,051	0,313	0,001	0,007	0,057	FALSE
0,092	0,295	0,003	0,008	0,127	FALSE
0,038	0,302	0,001	0,011	0,036	FALSE
-0,041	0,300	-0,001	0,006	0,044	FALSE
0,036	0,304	0,002	0,008	0,073	FALSE
0,009	0,309	0,000	0,007	0,006	FALSE
0,096	0,301	0,001	0,007	0,081	FALSE
0,130	0,310	0,003	0,006	0,171	FALSE
0,025	0,304	0,001	0,012	0,042	FALSE

0,005	0,297	0,000	0,010	0,002	FALSE
-0,020	0,292	0,000	0,007	0,010	FALSE
-0,055	0,301	-0,002	0,012	0,056	FALSE
-0,102	0,313	-0,004	0,013	0,109	FALSE
-0,090	0,302	-0,004	0,012	0,113	FALSE
-0,088	0,295	-0,003	0,012	0,112	FALSE
-0,054	0,297	-0,002	0,012	0,063	FALSE
-0,131	0,299	-0,006	0,012	0,215	FALSE
-0,088	0,312	-0,003	0,010	0,103	FALSE
0,053	0,307	0,003	0,012	0,088	FALSE
-0,066	0,309	-0,002	0,011	0,078	FALSE
-0,095	0,306	-0,005	0,013	0,156	FALSE
-0,078	0,309	-0,002	0,008	0,071	FALSE
-0,085	0,302	-0,002	0,010	0,091	FALSE
-0,063	0,321	-0,003	0,012	0,088	FALSE
0,063	0,302	0,002	0,008	0,100	FALSE
0,039	0,308	0,001	0,009	0,026	FALSE
0,012	0,309	0,001	0,012	0,025	FALSE
0,067	0,312	0,002	0,009	0,080	FALSE
0,123	0,310	0,004	0,009	0,184	FALSE
-0,053	0,304	-0,002	0,012	0,060	FALSE
-0,039	0,303	0,000	0,007	0,024	FALSE
-0,021	0,308	-0,001	0,013	0,038	FALSE
-0,011	0,300	0,000	0,013	0,012	FALSE
-0,067	0,312	-0,002	0,007	0,083	FALSE
-0,079	0,301	-0,003	0,011	0,092	FALSE
-0,067	0,295	-0,003	0,012	0,087	FALSE
0,045	0,308	0,002	0,008	0,076	FALSE
0,136	0,306	0,004	0,011	0,143	FALSE
-0,094	0,300	-0,002	0,006	0,119	FALSE
-0,117	0,290	-0,005	0,011	0,181	FALSE
-0,144	0,303	-0,004	0,009	0,169	FALSE
0,001	0,311	0,000	0,010	0,002	FALSE
0,018	0,293	0,001	0,010	0,051	FALSE
0,001	0,291	0,001	0,008	0,023	FALSE
0,039	0,317	0,001	0,008	0,067	FALSE
0,179	0,300	0,008	0,012	0,281	FALSE
-0,126	0,284	-0,002	0,006	0,167	FALSE
-0,017	0,304	0,000	0,008	0,018	FALSE
-0,021	0,311	-0,001	0,008	0,029	FALSE
-0,028	0,329	-0,001	0,007	0,035	FALSE
-0,067	0,314	-0,003	0,011	0,090	FALSE
0,018	0,305	0,001	0,012	0,037	FALSE
-0,015	0,299	0,000	0,007	0,021	FALSE
-0,034	0,318	-0,001	0,012	0,044	FALSE
0,159	0,302	0,008	0,012	0,291	FALSE
-0,160	0,298	-0,005	0,009	0,243	FALSE
0,095	0,299	0,002	0,009	0,105	FALSE
0,058	0,309	0,002	0,009	0,066	FALSE
-0,004	0,314	-0,001	0,011	0,022	FALSE
0,025	0,311	0,001	0,006	0,030	FALSE
-0,036	0,297	-0,003	0,011	0,091	FALSE
-0,024	0,304	-0,001	0,011	0,024	FALSE

0,113	0,309	0,004	0,012	0,145	FALSE
0,119	0,292	0,003	0,007	0,201	FALSE
0,056	0,305	0,002	0,010	0,091	FALSE
-0,151	0,299	-0,003	0,006	0,179	FALSE
-0,036	0,299	0,000	0,007	0,025	FALSE
0,046	0,307	0,001	0,012	0,037	FALSE
0,035	0,303	0,001	0,013	0,019	FALSE
-0,035	0,298	-0,002	0,010	0,085	FALSE
0,061	0,320	0,003	0,013	0,090	FALSE
-0,195	0,290	-0,007	0,011	0,259	FALSE
0,119	0,308	0,002	0,007	0,100	FALSE
0,128	0,286	0,003	0,008	0,187	FALSE
0,022	0,306	0,001	0,008	0,031	FALSE
-0,024	0,299	0,000	0,008	0,012	FALSE
-0,124	0,305	-0,002	0,007	0,140	FALSE
-0,015	0,312	0,000	0,010	0,014	FALSE
0,002	0,307	0,000	0,007	0,005	FALSE
0,054	0,311	0,001	0,010	0,052	FALSE
0,002	0,311	0,001	0,011	0,022	FALSE
-0,020	0,305	0,000	0,009	0,018	FALSE
-0,109	0,314	-0,003	0,007	0,165	FALSE
-0,125	0,296	-0,003	0,006	0,173	FALSE
0,030	0,303	0,002	0,011	0,053	FALSE
-0,007	0,300	0,001	0,007	0,028	FALSE
0,095	0,308	0,002	0,006	0,123	FALSE
-0,051	0,322	-0,001	0,007	0,049	FALSE
0,047	0,315	0,001	0,006	0,032	FALSE
-0,105	0,303	-0,003	0,008	0,130	FALSE
-0,082	0,297	-0,004	0,011	0,134	FALSE
-0,042	0,311	-0,001	0,011	0,045	FALSE
0,010	0,312	0,001	0,013	0,017	FALSE
0,007	0,306	0,001	0,012	0,026	FALSE
-0,012	0,314	-0,001	0,013	0,028	FALSE
0,049	0,312	0,002	0,012	0,075	FALSE
-0,089	0,308	-0,002	0,006	0,133	FALSE
-0,162	0,299	-0,004	0,008	0,189	FALSE
-0,011	0,303	0,001	0,008	0,028	FALSE
0,039	0,302	0,003	0,010	0,105	FALSE
0,054	0,294	0,001	0,009	0,062	FALSE
0,027	0,309	0,001	0,006	0,056	FALSE
-0,024	0,302	0,000	0,012	0,012	FALSE
0,024	0,308	0,000	0,009	0,016	FALSE
0,017	0,307	0,001	0,008	0,048	FALSE
-0,021	0,319	-0,001	0,012	0,020	FALSE
0,083	0,304	0,002	0,008	0,117	FALSE
0,039	0,304	0,000	0,008	0,015	FALSE
0,069	0,300	0,003	0,010	0,107	FALSE
-0,028	0,307	-0,001	0,007	0,038	FALSE
-0,038	0,296	-0,001	0,009	0,028	FALSE
-0,032	0,298	0,000	0,006	0,004	FALSE
-0,043	0,300	-0,001	0,008	0,036	FALSE
0,034	0,308	0,001	0,008	0,043	FALSE
-0,028	0,304	-0,001	0,012	0,028	FALSE

-0,080	0,306	-0,002	0,007	0,097	FALSE
-0,093	0,292	-0,002	0,007	0,082	FALSE
-0,025	0,308	-0,001	0,012	0,024	FALSE
0,011	0,305	0,001	0,009	0,023	FALSE
0,072	0,323	0,002	0,013	0,072	FALSE
0,055	0,308	0,002	0,007	0,079	FALSE
-0,068	0,315	-0,001	0,007	0,062	FALSE
-0,004	0,300	0,000	0,008	0,017	FALSE
0,004	0,310	0,000	0,007	0,024	FALSE
0,019	0,317	0,001	0,007	0,043	FALSE
-0,035	0,315	-0,001	0,010	0,042	FALSE
0,113	0,306	0,002	0,006	0,163	FALSE
0,027	0,284	0,000	0,009	0,017	FALSE
0,032	0,304	0,001	0,008	0,043	FALSE
0,005	0,322	0,000	0,010	0,007	FALSE
-0,002	0,309	-0,001	0,010	0,021	FALSE
-0,070	0,323	-0,003	0,011	0,088	FALSE
-0,099	0,305	-0,002	0,008	0,099	FALSE
0,031	0,308	0,001	0,007	0,028	FALSE
-0,027	0,299	-0,001	0,011	0,023	FALSE
0,038	0,303	0,001	0,007	0,077	FALSE
-0,090	0,305	-0,003	0,011	0,118	FALSE
-0,125	0,307	-0,003	0,008	0,171	FALSE
-0,039	0,303	-0,003	0,012	0,083	FALSE
-0,032	0,304	-0,002	0,011	0,072	FALSE
0,058	0,303	0,000	0,006	0,014	FALSE
0,047	0,313	0,001	0,007	0,037	FALSE
-0,064	0,311	-0,001	0,006	0,060	FALSE
0,062	0,308	0,002	0,008	0,103	FALSE
0,061	0,304	0,002	0,009	0,065	FALSE
0,020	0,305	0,001	0,007	0,028	FALSE
0,072	0,300	0,002	0,007	0,118	FALSE
-0,023	0,294	-0,001	0,011	0,044	FALSE
-0,023	0,309	0,000	0,010	0,007	FALSE
-0,043	0,306	-0,001	0,010	0,044	FALSE
-0,083	0,314	-0,003	0,008	0,140	FALSE
-0,118	0,305	-0,003	0,009	0,150	FALSE
-0,124	0,293	-0,004	0,009	0,180	FALSE
0,075	0,314	0,003	0,011	0,090	FALSE
-0,035	0,309	-0,001	0,008	0,026	FALSE
0,203	0,306	0,008	0,011	0,333	FALSE
-0,103	0,315	-0,004	0,012	0,137	FALSE
-0,116	0,314	-0,004	0,012	0,143	FALSE
-0,069	0,324	-0,003	0,010	0,095	FALSE
0,094	0,306	0,004	0,013	0,109	FALSE
-0,113	0,308	-0,004	0,012	0,131	FALSE
0,178	0,316	0,004	0,007	0,260	FALSE
0,061	0,303	0,001	0,011	0,034	FALSE
0,124	0,319	0,003	0,008	0,145	FALSE
-0,028	0,302	-0,001	0,007	0,045	FALSE
0,099	0,312	0,004	0,012	0,144	FALSE
-0,052	0,305	-0,001	0,006	0,048	FALSE
-0,031	0,298	-0,001	0,011	0,021	FALSE

0,101	0,305	0,005	0,012	0,160	FALSE
-0,015	0,304	0,000	0,007	0,005	FALSE
0,175	0,291	0,007	0,010	0,302	FALSE
0,024	0,313	0,001	0,006	0,035	FALSE
0,113	0,295	0,002	0,006	0,136	FALSE
-0,135	0,302	-0,004	0,008	0,179	FALSE
0,195	0,303	0,007	0,011	0,301	FALSE
-0,083	0,314	-0,001	0,007	0,068	FALSE
0,060	0,312	0,002	0,013	0,060	FALSE
0,053	0,309	0,002	0,011	0,071	FALSE
0,017	0,320	0,001	0,013	0,040	FALSE
0,047	0,302	0,001	0,008	0,059	FALSE
-0,071	0,310	-0,001	0,007	0,072	FALSE
0,028	0,311	0,002	0,012	0,055	FALSE
-0,049	0,314	-0,001	0,007	0,058	FALSE
0,019	0,317	0,000	0,008	0,013	FALSE
0,058	0,310	0,001	0,009	0,037	FALSE
0,042	0,309	0,001	0,012	0,025	FALSE
-0,075	0,321	-0,003	0,012	0,079	FALSE
0,112	0,308	0,002	0,006	0,105	FALSE
0,121	0,291	0,006	0,011	0,208	FALSE
0,035	0,304	0,000	0,007	0,008	FALSE
-0,045	0,313	-0,001	0,008	0,059	FALSE
0,078	0,309	0,003	0,011	0,110	FALSE
0,071	0,318	0,003	0,012	0,095	FALSE
0,027	0,313	0,001	0,007	0,028	FALSE
0,028	0,298	0,002	0,011	0,073	FALSE
-0,055	0,313	-0,002	0,006	0,093	FALSE
0,237	0,302	0,006	0,008	0,356	FALSE
0,176	0,300	0,004	0,007	0,242	FALSE
0,175	0,302	0,006	0,011	0,234	FALSE
0,144	0,301	0,003	0,006	0,213	FALSE
-0,141	0,311	-0,004	0,010	0,185	FALSE
-0,020	0,314	0,000	0,007	0,004	FALSE
-0,116	0,312	-0,003	0,008	0,154	FALSE
0,068	0,302	0,003	0,011	0,124	FALSE
0,048	0,311	0,003	0,011	0,102	FALSE
0,032	0,301	0,001	0,007	0,047	FALSE
0,112	0,287	0,002	0,006	0,154	FALSE
0,062	0,296	0,002	0,010	0,089	FALSE
-0,149	0,285	-0,004	0,009	0,216	FALSE
-0,016	0,295	-0,001	0,007	0,040	FALSE
0,100	0,317	0,003	0,008	0,147	FALSE
-0,052	0,305	-0,001	0,011	0,046	FALSE
-0,055	0,302	0,000	0,008	0,013	FALSE
0,065	0,309	0,002	0,007	0,112	FALSE
0,127	0,302	0,004	0,007	0,240	FALSE
-0,026	0,319	0,000	0,006	0,018	FALSE
-0,004	0,315	0,000	0,010	0,007	FALSE
0,105	0,296	0,003	0,006	0,174	FALSE
-0,012	0,326	-0,001	0,009	0,025	FALSE
0,062	0,308	0,001	0,007	0,074	FALSE
-0,001	0,304	0,000	0,007	0,010	FALSE

-0,041	0,305	-0,001	0,010	0,030	FALSE
0,012	0,308	0,001	0,013	0,028	FALSE
0,122	0,323	0,004	0,010	0,179	FALSE
0,100	0,313	0,004	0,011	0,152	FALSE
0,001	0,319	0,000	0,012	0,005	FALSE
-0,110	0,289	-0,005	0,012	0,173	FALSE
0,062	0,299	0,001	0,009	0,041	FALSE
0,027	0,307	0,000	0,009	0,015	FALSE
-0,015	0,299	-0,001	0,010	0,036	FALSE
0,102	0,299	0,004	0,010	0,149	FALSE
0,126	0,302	0,005	0,010	0,187	FALSE
0,126	0,303	0,003	0,007	0,207	FALSE
-0,102	0,307	-0,002	0,006	0,149	FALSE
0,079	0,308	0,002	0,011	0,069	FALSE
0,016	0,309	0,002	0,013	0,045	FALSE
0,001	0,301	0,001	0,011	0,047	FALSE
0,037	0,317	0,001	0,007	0,038	FALSE
-0,009	0,321	0,000	0,006	0,018	FALSE
0,031	0,291	0,002	0,007	0,078	FALSE
-0,029	0,308	-0,001	0,007	0,060	FALSE
-0,062	0,283	-0,002	0,009	0,083	FALSE
-0,018	0,297	-0,002	0,010	0,059	FALSE
-0,023	0,304	0,000	0,012	0,009	FALSE
0,099	0,300	0,003	0,007	0,147	FALSE
0,057	0,303	0,002	0,009	0,079	FALSE
0,064	0,305	0,002	0,009	0,082	FALSE
0,084	0,304	0,002	0,009	0,083	FALSE
-0,022	0,311	-0,001	0,013	0,038	FALSE
-0,063	0,310	-0,002	0,007	0,095	FALSE
0,063	0,327	0,002	0,011	0,068	FALSE
0,163	0,298	0,005	0,009	0,219	FALSE
-0,017	0,307	0,000	0,007	0,017	FALSE
-0,002	0,301	0,000	0,012	0,002	FALSE
0,027	0,301	0,001	0,012	0,030	FALSE
-0,117	0,295	-0,004	0,009	0,172	FALSE
-0,051	0,311	-0,002	0,009	0,075	FALSE
-0,027	0,310	-0,001	0,007	0,042	FALSE
-0,086	0,306	-0,002	0,007	0,122	FALSE
-0,013	0,307	0,000	0,007	0,020	FALSE
0,068	0,308	0,003	0,009	0,124	FALSE
-0,008	0,310	-0,001	0,009	0,029	FALSE
0,067	0,308	0,002	0,007	0,097	FALSE
-0,051	0,298	-0,003	0,012	0,094	FALSE
-0,062	0,304	-0,002	0,011	0,087	FALSE
-0,037	0,317	-0,001	0,008	0,042	FALSE
-0,023	0,325	-0,001	0,013	0,023	FALSE
0,022	0,311	0,002	0,012	0,067	FALSE
-0,050	0,304	-0,001	0,009	0,031	FALSE
-0,035	0,312	-0,001	0,009	0,022	FALSE
0,089	0,324	0,003	0,012	0,088	FALSE
0,027	0,303	0,001	0,011	0,048	FALSE
0,082	0,296	0,002	0,010	0,092	FALSE
0,024	0,291	0,002	0,012	0,059	FALSE

0,052	0,302	0,001	0,010	0,048	FALSE
0,097	0,305	0,002	0,007	0,105	FALSE
0,040	0,321	0,002	0,013	0,044	FALSE
0,043	0,308	0,002	0,013	0,047	FALSE
-0,117	0,296	-0,003	0,007	0,152	FALSE
-0,034	0,309	-0,001	0,012	0,035	FALSE
0,131	0,291	0,003	0,008	0,181	FALSE
0,081	0,307	0,002	0,007	0,101	FALSE
0,058	0,308	0,002	0,007	0,091	FALSE
-0,034	0,321	0,000	0,012	0,013	FALSE
0,029	0,306	0,001	0,006	0,044	FALSE
-0,027	0,310	-0,002	0,008	0,073	FALSE
0,073	0,311	0,002	0,012	0,075	FALSE
0,084	0,318	0,003	0,011	0,112	FALSE
-0,074	0,322	-0,002	0,010	0,076	FALSE
0,059	0,311	0,002	0,012	0,072	FALSE
0,038	0,323	0,001	0,009	0,049	FALSE
-0,031	0,311	-0,001	0,009	0,043	FALSE
-0,101	0,303	-0,002	0,007	0,118	FALSE
0,113	0,308	0,004	0,011	0,159	FALSE
0,052	0,311	0,002	0,008	0,086	FALSE
0,041	0,306	0,001	0,012	0,045	FALSE
-0,001	0,310	0,000	0,008	0,006	FALSE
0,014	0,315	0,001	0,011	0,028	FALSE
-0,018	0,321	-0,001	0,008	0,028	FALSE
-0,018	0,310	-0,001	0,012	0,036	FALSE
-0,051	0,309	-0,001	0,008	0,024	FALSE
-0,034	0,319	0,000	0,008	0,008	FALSE
-0,027	0,302	0,000	0,008	0,018	FALSE
-0,101	0,313	-0,003	0,009	0,150	FALSE
-0,028	0,315	-0,001	0,011	0,034	FALSE
0,074	0,299	0,002	0,009	0,103	FALSE
0,045	0,308	0,001	0,006	0,043	FALSE
0,000	0,304	0,000	0,009	0,009	FALSE
-0,036	0,300	-0,002	0,012	0,048	FALSE
0,082	0,309	0,001	0,008	0,054	FALSE
-0,079	0,318	-0,002	0,010	0,082	FALSE
0,140	0,294	0,003	0,006	0,191	FALSE
0,102	0,309	0,004	0,012	0,126	FALSE
0,108	0,297	0,004	0,011	0,156	FALSE
-0,032	0,303	-0,001	0,011	0,050	FALSE
-0,080	0,298	-0,002	0,010	0,094	FALSE
-0,006	0,290	0,000	0,009	0,006	FALSE
0,034	0,294	0,002	0,012	0,065	FALSE
0,073	0,308	0,003	0,011	0,089	FALSE
-0,027	0,311	-0,001	0,010	0,030	FALSE
-0,117	0,313	-0,004	0,011	0,158	FALSE
-0,098	0,303	-0,003	0,010	0,128	FALSE
0,043	0,292	0,002	0,012	0,076	FALSE
0,008	0,315	0,000	0,012	0,011	FALSE
0,014	0,308	0,001	0,013	0,023	FALSE
-0,104	0,308	-0,003	0,010	0,129	FALSE
-0,012	0,313	0,000	0,010	0,016	FALSE

0,041	0,317	0,002	0,013	0,047	FALSE
0,159	0,316	0,004	0,007	0,225	FALSE
-0,054	0,314	-0,001	0,007	0,056	FALSE
-0,041	0,301	-0,002	0,012	0,052	FALSE
-0,060	0,309	-0,002	0,010	0,086	FALSE
-0,007	0,306	0,000	0,008	0,019	FALSE
-0,002	0,299	0,000	0,011	0,016	FALSE
-0,024	0,304	0,000	0,007	0,015	FALSE
-0,094	0,296	-0,002	0,009	0,096	FALSE
-0,078	0,306	-0,002	0,006	0,097	FALSE
-0,019	0,317	-0,001	0,011	0,030	FALSE
0,032	0,308	0,001	0,011	0,045	FALSE
0,004	0,324	0,000	0,010	0,014	FALSE
-0,003	0,311	0,000	0,010	0,010	FALSE
0,042	0,307	0,001	0,011	0,030	FALSE
-0,141	0,311	-0,005	0,012	0,169	FALSE
0,153	0,288	0,005	0,008	0,281	FALSE
0,098	0,298	0,003	0,009	0,125	FALSE
-0,081	0,300	-0,002	0,009	0,075	FALSE
-0,004	0,299	0,000	0,010	0,006	FALSE
-0,066	0,293	-0,002	0,009	0,081	FALSE
-0,040	0,298	-0,001	0,012	0,026	FALSE
-0,052	0,309	-0,001	0,013	0,038	FALSE
0,016	0,307	0,000	0,009	0,019	FALSE
0,089	0,305	0,002	0,007	0,131	FALSE
0,037	0,308	0,001	0,008	0,067	FALSE
-0,047	0,316	-0,001	0,012	0,037	FALSE
0,127	0,311	0,006	0,013	0,178	FALSE
0,033	0,311	0,001	0,010	0,031	FALSE
0,037	0,320	0,002	0,012	0,059	FALSE
0,007	0,304	0,001	0,008	0,036	FALSE
0,091	0,292	0,003	0,007	0,176	FALSE
0,055	0,306	0,002	0,009	0,067	FALSE
0,078	0,314	0,002	0,009	0,076	FALSE
-0,063	0,294	-0,001	0,006	0,066	FALSE
-0,033	0,316	-0,001	0,010	0,050	FALSE
0,135	0,291	0,003	0,007	0,207	FALSE
0,167	0,306	0,004	0,007	0,244	FALSE
0,044	0,304	0,001	0,012	0,027	FALSE
0,165	0,314	0,004	0,008	0,207	FALSE
-0,015	0,308	0,000	0,008	0,008	FALSE
-0,091	0,301	-0,002	0,008	0,101	FALSE
0,083	0,314	0,003	0,012	0,116	FALSE
0,108	0,316	0,005	0,012	0,163	FALSE
-0,070	0,295	-0,002	0,007	0,125	FALSE
-0,050	0,301	-0,003	0,011	0,095	FALSE
0,067	0,294	0,002	0,007	0,103	FALSE
-0,147	0,316	-0,005	0,009	0,211	FALSE
0,038	0,310	0,001	0,007	0,024	FALSE
0,050	0,318	0,002	0,013	0,066	FALSE
-0,008	0,296	-0,001	0,011	0,026	FALSE
-0,041	0,304	-0,002	0,010	0,081	FALSE
-0,014	0,305	-0,002	0,010	0,055	FALSE

-0,004	0,303	-0,001	0,010	0,040	FALSE
0,060	0,307	0,002	0,008	0,076	FALSE
0,085	0,303	0,002	0,008	0,075	FALSE
-0,036	0,299	-0,002	0,009	0,077	FALSE
0,042	0,304	0,001	0,007	0,040	FALSE
0,040	0,301	0,000	0,009	0,003	FALSE
0,043	0,315	0,001	0,008	0,057	FALSE
0,034	0,318	0,001	0,013	0,033	FALSE
-0,012	0,307	-0,001	0,010	0,017	FALSE
0,103	0,306	0,004	0,010	0,141	FALSE
0,087	0,300	0,003	0,011	0,109	FALSE
0,103	0,303	0,004	0,011	0,135	FALSE
0,098	0,304	0,004	0,011	0,140	FALSE
0,076	0,308	0,003	0,011	0,098	FALSE
-0,064	0,314	-0,002	0,007	0,082	FALSE
0,007	0,300	0,000	0,007	0,014	FALSE
0,025	0,309	0,000	0,007	0,014	FALSE
0,053	0,298	0,002	0,007	0,081	FALSE
-0,065	0,309	-0,002	0,007	0,081	FALSE
0,157	0,293	0,004	0,008	0,212	FALSE
0,017	0,300	0,000	0,008	0,007	FALSE
-0,113	0,315	-0,005	0,013	0,142	FALSE
-0,041	0,300	-0,001	0,007	0,046	FALSE
0,052	0,320	0,002	0,009	0,062	FALSE
-0,161	0,311	-0,007	0,013	0,217	FALSE
-0,019	0,295	-0,001	0,012	0,020	FALSE
-0,050	0,311	-0,002	0,008	0,070	FALSE
0,110	0,309	0,004	0,010	0,152	FALSE
0,097	0,307	0,003	0,010	0,135	FALSE
0,079	0,320	0,004	0,012	0,124	FALSE
0,020	0,303	0,000	0,011	0,008	FALSE
-0,010	0,311	-0,001	0,012	0,017	FALSE
0,047	0,310	0,000	0,006	0,020	FALSE
-0,012	0,309	0,000	0,012	0,006	FALSE
0,112	0,298	0,002	0,007	0,123	FALSE
0,081	0,311	0,002	0,012	0,081	FALSE
-0,067	0,295	-0,003	0,010	0,100	FALSE
0,053	0,300	0,001	0,009	0,059	FALSE
-0,052	0,293	-0,002	0,008	0,096	FALSE
0,119	0,301	0,004	0,008	0,209	FALSE
-0,038	0,299	-0,003	0,012	0,089	FALSE
-0,022	0,303	-0,001	0,006	0,040	FALSE
-0,024	0,299	-0,001	0,009	0,046	FALSE
0,019	0,319	0,001	0,007	0,033	FALSE
0,087	0,308	0,002	0,012	0,062	FALSE
0,030	0,318	0,000	0,009	0,020	FALSE
-0,064	0,301	-0,002	0,009	0,082	FALSE
0,129	0,290	0,003	0,006	0,234	FALSE
-0,054	0,307	-0,001	0,007	0,059	FALSE
0,067	0,305	0,003	0,012	0,091	FALSE
-0,084	0,309	-0,004	0,012	0,137	FALSE
-0,041	0,299	-0,001	0,010	0,057	FALSE
-0,035	0,315	-0,001	0,012	0,035	FALSE

-0,040	0,305	0,000	0,007	0,016	FALSE
0,125	0,327	0,004	0,013	0,131	FALSE
0,129	0,302	0,005	0,013	0,145	FALSE
-0,080	0,309	-0,004	0,012	0,121	FALSE
0,033	0,301	0,000	0,010	0,008	FALSE
-0,012	0,295	0,000	0,012	0,002	FALSE
0,092	0,309	0,002	0,007	0,101	FALSE
0,019	0,320	0,001	0,013	0,022	FALSE
-0,063	0,307	-0,002	0,009	0,069	FALSE
0,011	0,312	0,000	0,007	0,014	FALSE
-0,053	0,304	-0,001	0,008	0,051	FALSE
0,130	0,303	0,003	0,007	0,186	FALSE
0,063	0,301	0,001	0,010	0,054	FALSE
0,025	0,316	0,001	0,013	0,019	FALSE
-0,026	0,318	-0,001	0,013	0,040	FALSE
0,047	0,308	0,001	0,006	0,072	FALSE
0,030	0,307	0,001	0,008	0,030	FALSE
0,040	0,304	0,001	0,007	0,040	FALSE
0,067	0,308	0,002	0,012	0,069	FALSE
0,028	0,319	0,001	0,006	0,030	FALSE
0,028	0,303	0,001	0,007	0,045	FALSE
0,083	0,303	0,004	0,012	0,120	FALSE
0,090	0,320	0,004	0,012	0,114	FALSE
0,109	0,292	0,003	0,008	0,184	FALSE
0,047	0,310	0,001	0,007	0,073	FALSE
0,043	0,299	0,002	0,008	0,072	FALSE
-0,004	0,309	-0,001	0,008	0,023	FALSE
-0,008	0,312	-0,001	0,009	0,022	FALSE
0,074	0,288	0,004	0,011	0,132	FALSE
-0,107	0,301	-0,003	0,009	0,144	FALSE
-0,016	0,305	-0,001	0,012	0,040	FALSE
-0,077	0,317	-0,003	0,013	0,089	FALSE
0,120	0,299	0,003	0,008	0,174	FALSE
0,001	0,315	0,001	0,011	0,026	FALSE
0,091	0,303	0,002	0,011	0,088	FALSE
-0,118	0,310	-0,004	0,010	0,155	FALSE
-0,038	0,300	-0,002	0,011	0,066	FALSE
0,157	0,299	0,006	0,011	0,218	FALSE
0,132	0,312	0,003	0,009	0,143	FALSE
-0,039	0,299	-0,002	0,012	0,058	FALSE
0,030	0,311	0,001	0,012	0,028	FALSE
0,071	0,300	0,002	0,007	0,132	FALSE
-0,059	0,305	-0,002	0,010	0,087	FALSE
-0,114	0,316	-0,004	0,011	0,160	FALSE
0,094	0,305	0,003	0,008	0,122	FALSE
-0,083	0,289	-0,002	0,012	0,062	FALSE
-0,006	0,321	0,000	0,007	0,013	FALSE
-0,068	0,289	-0,001	0,012	0,040	FALSE
-0,018	0,303	0,000	0,008	0,013	FALSE
0,014	0,310	0,001	0,009	0,042	FALSE
0,021	0,319	0,002	0,013	0,051	FALSE
0,085	0,294	0,003	0,009	0,134	FALSE
0,033	0,302	0,001	0,006	0,041	FALSE

-0,048	0,316	-0,001	0,007	0,029	FALSE
0,083	0,305	0,003	0,010	0,113	FALSE
0,029	0,306	0,001	0,012	0,020	FALSE
0,044	0,308	0,002	0,012	0,048	FALSE
-0,023	0,307	-0,001	0,008	0,054	FALSE
0,103	0,309	0,004	0,012	0,142	FALSE
-0,030	0,303	-0,001	0,007	0,051	FALSE
0,026	0,297	0,000	0,011	0,010	FALSE
-0,124	0,289	-0,003	0,006	0,176	FALSE
-0,027	0,309	-0,001	0,007	0,031	FALSE
0,011	0,301	0,000	0,009	0,002	FALSE
0,012	0,312	0,000	0,010	0,004	FALSE
0,074	0,315	0,002	0,007	0,097	FALSE
-0,059	0,312	-0,001	0,007	0,059	FALSE
-0,014	0,314	-0,001	0,008	0,025	FALSE
0,015	0,312	0,001	0,009	0,026	FALSE
-0,033	0,311	-0,001	0,007	0,061	FALSE
-0,044	0,311	-0,001	0,008	0,026	FALSE
0,066	0,303	0,001	0,010	0,048	FALSE
0,065	0,303	0,002	0,008	0,111	FALSE
0,052	0,301	0,002	0,008	0,102	FALSE
0,017	0,308	0,001	0,007	0,053	FALSE
-0,019	0,320	0,000	0,011	0,009	FALSE
0,080	0,302	0,002	0,009	0,083	FALSE
0,049	0,299	0,002	0,009	0,078	FALSE
0,071	0,302	0,003	0,011	0,103	FALSE
0,007	0,306	-0,001	0,007	0,032	FALSE
0,050	0,314	0,001	0,006	0,052	FALSE
-0,109	0,298	-0,003	0,008	0,126	FALSE
-0,056	0,318	-0,003	0,012	0,083	FALSE
-0,134	0,296	-0,004	0,009	0,172	FALSE
-0,016	0,315	0,000	0,011	0,002	FALSE
-0,105	0,311	-0,004	0,012	0,126	FALSE
-0,070	0,318	-0,002	0,013	0,074	FALSE
0,021	0,300	0,000	0,007	0,019	FALSE
0,013	0,306	0,000	0,008	0,020	FALSE
-0,017	0,311	0,000	0,008	0,019	FALSE
-0,113	0,300	-0,004	0,010	0,165	FALSE
0,018	0,310	0,001	0,007	0,036	FALSE
-0,097	0,300	-0,003	0,010	0,131	FALSE
-0,103	0,303	-0,003	0,009	0,143	FALSE
-0,066	0,306	-0,001	0,006	0,064	FALSE
0,016	0,298	0,000	0,011	0,000	FALSE
0,177	0,288	0,004	0,007	0,261	FALSE
0,157	0,295	0,007	0,011	0,276	FALSE
0,121	0,305	0,006	0,012	0,209	FALSE
0,149	0,315	0,007	0,012	0,243	FALSE
0,001	0,311	0,000	0,011	0,000	FALSE
-0,034	0,313	-0,001	0,008	0,048	FALSE
0,005	0,318	-0,001	0,008	0,026	FALSE
0,067	0,308	0,002	0,008	0,085	FALSE
0,096	0,304	0,002	0,006	0,100	FALSE
-0,139	0,306	-0,005	0,010	0,208	FALSE

0,004	0,318	-0,001	0,011	0,017	FALSE
-0,051	0,317	-0,002	0,008	0,080	FALSE
0,012	0,301	0,000	0,012	0,002	FALSE
0,021	0,313	0,001	0,008	0,042	FALSE
-0,058	0,301	-0,002	0,012	0,056	FALSE
-0,123	0,294	-0,003	0,008	0,176	FALSE
-0,096	0,320	-0,004	0,012	0,133	FALSE
0,115	0,301	0,003	0,007	0,149	FALSE
0,020	0,305	0,000	0,007	0,015	FALSE
0,174	0,311	0,005	0,009	0,263	FALSE
-0,086	0,324	-0,004	0,011	0,143	FALSE
0,047	0,305	0,002	0,010	0,076	FALSE
-0,107	0,306	-0,005	0,011	0,192	FALSE
0,090	0,316	0,004	0,012	0,117	FALSE
0,060	0,308	0,003	0,011	0,085	FALSE
-0,020	0,308	0,000	0,006	0,008	FALSE
-0,039	0,306	-0,001	0,008	0,062	FALSE
-0,007	0,316	-0,001	0,013	0,021	FALSE
-0,002	0,312	-0,001	0,012	0,027	FALSE
-0,002	0,295	-0,001	0,011	0,022	FALSE
0,097	0,314	0,003	0,008	0,159	FALSE
-0,038	0,311	-0,002	0,009	0,103	FALSE
0,067	0,304	0,003	0,008	0,137	FALSE
0,036	0,310	0,001	0,007	0,070	FALSE
0,126	0,298	0,004	0,009	0,168	FALSE
0,058	0,302	0,002	0,011	0,056	FALSE
0,069	0,304	0,001	0,007	0,079	FALSE
0,084	0,310	0,001	0,007	0,070	FALSE
0,027	0,308	0,001	0,010	0,038	FALSE
0,072	0,317	0,004	0,012	0,130	FALSE
0,175	0,296	0,006	0,010	0,274	FALSE
0,075	0,311	0,002	0,006	0,099	FALSE
-0,016	0,300	-0,001	0,012	0,024	FALSE
-0,063	0,299	-0,001	0,007	0,061	FALSE
-0,056	0,310	-0,002	0,012	0,074	FALSE
0,106	0,300	0,003	0,011	0,109	FALSE
-0,018	0,305	0,000	0,009	0,006	FALSE
-0,062	0,310	-0,001	0,009	0,051	FALSE
-0,012	0,307	-0,001	0,009	0,032	FALSE
-0,007	0,324	0,001	0,009	0,022	FALSE
0,082	0,302	0,003	0,012	0,091	FALSE
0,009	0,317	0,000	0,008	0,020	FALSE
-0,079	0,312	-0,003	0,012	0,086	FALSE
-0,038	0,308	-0,001	0,008	0,030	FALSE
-0,002	0,289	0,000	0,009	0,012	FALSE
0,064	0,319	0,002	0,008	0,086	FALSE
-0,073	0,302	-0,001	0,010	0,050	FALSE
-0,074	0,310	-0,002	0,011	0,055	FALSE
-0,071	0,308	-0,004	0,013	0,127	FALSE
-0,088	0,314	-0,002	0,011	0,084	FALSE
-0,095	0,303	-0,002	0,010	0,090	FALSE
-0,093	0,288	-0,002	0,010	0,098	FALSE
0,028	0,307	0,000	0,007	0,011	FALSE

-0,024	0,302	-0,001	0,009	0,024	FALSE
0,019	0,316	0,002	0,011	0,055	FALSE
-0,070	0,304	-0,001	0,007	0,044	FALSE
0,112	0,292	0,002	0,009	0,104	FALSE
0,128	0,308	0,003	0,010	0,126	FALSE
0,003	0,312	0,000	0,010	0,015	FALSE
-0,013	0,320	-0,001	0,012	0,041	FALSE
-0,065	0,321	-0,003	0,012	0,100	FALSE
-0,026	0,304	-0,001	0,007	0,031	FALSE
0,041	0,305	0,002	0,012	0,059	FALSE
-0,004	0,303	-0,001	0,011	0,028	FALSE
0,008	0,310	-0,001	0,011	0,019	FALSE
-0,040	0,312	-0,003	0,012	0,091	FALSE
-0,084	0,312	-0,002	0,007	0,101	FALSE
-0,114	0,314	-0,005	0,010	0,190	FALSE
-0,005	0,290	0,000	0,008	0,002	FALSE
0,086	0,295	0,002	0,012	0,078	FALSE
0,014	0,299	0,001	0,009	0,040	FALSE
-0,026	0,314	-0,001	0,008	0,021	FALSE
0,103	0,302	0,003	0,009	0,111	FALSE
0,000	0,310	0,000	0,011	0,012	FALSE
0,112	0,316	0,004	0,011	0,128	FALSE
-0,010	0,320	0,000	0,009	0,004	FALSE
-0,023	0,314	-0,001	0,010	0,044	FALSE
0,011	0,309	0,000	0,007	0,009	FALSE
-0,024	0,305	0,000	0,008	0,013	FALSE
0,056	0,303	0,001	0,010	0,048	FALSE
0,093	0,309	0,004	0,012	0,119	FALSE
-0,016	0,301	-0,001	0,009	0,047	FALSE
0,014	0,299	0,000	0,006	0,028	FALSE
-0,053	0,314	-0,002	0,009	0,068	FALSE
-0,064	0,297	-0,001	0,007	0,079	FALSE
0,007	0,306	0,001	0,009	0,024	FALSE
-0,113	0,298	-0,003	0,007	0,176	FALSE
-0,106	0,303	-0,003	0,008	0,138	FALSE
-0,004	0,304	0,000	0,011	0,007	FALSE
-0,133	0,300	-0,005	0,010	0,213	FALSE
-0,087	0,304	-0,002	0,007	0,111	FALSE
0,073	0,316	0,002	0,007	0,105	FALSE
-0,060	0,300	-0,002	0,007	0,091	FALSE
-0,135	0,311	-0,004	0,009	0,192	FALSE
-0,001	0,314	0,000	0,009	0,014	FALSE
-0,092	0,295	-0,002	0,007	0,124	FALSE
-0,055	0,303	-0,002	0,006	0,100	FALSE
-0,082	0,312	-0,002	0,010	0,080	FALSE
0,067	0,307	0,002	0,008	0,091	FALSE
-0,047	0,305	-0,003	0,011	0,098	FALSE
-0,033	0,311	-0,001	0,012	0,041	FALSE
0,080	0,304	0,004	0,012	0,115	FALSE
0,082	0,311	0,002	0,007	0,120	FALSE
-0,014	0,304	0,000	0,007	0,013	FALSE
-0,035	0,301	-0,001	0,009	0,055	FALSE
0,014	0,315	0,000	0,012	0,002	FALSE

-0,112	0,298	-0,002	0,006	0,136	FALSE
0,068	0,320	0,002	0,008	0,083	FALSE
-0,007	0,312	0,000	0,008	0,000	FALSE
0,056	0,314	0,002	0,008	0,094	FALSE
0,157	0,301	0,004	0,008	0,194	FALSE
-0,037	0,315	-0,001	0,008	0,044	FALSE
0,059	0,303	0,004	0,012	0,113	FALSE
-0,096	0,299	-0,002	0,007	0,117	FALSE
-0,196	0,299	-0,004	0,007	0,243	FALSE
0,058	0,315	0,001	0,009	0,052	FALSE
-0,061	0,301	-0,001	0,006	0,066	FALSE
0,041	0,321	0,002	0,012	0,047	FALSE
0,044	0,293	0,001	0,012	0,020	FALSE
0,026	0,303	0,002	0,009	0,065	FALSE
0,021	0,308	0,002	0,012	0,051	FALSE
0,007	0,313	0,001	0,012	0,037	FALSE
0,038	0,298	0,002	0,012	0,079	FALSE
0,134	0,299	0,003	0,007	0,190	FALSE
0,109	0,303	0,003	0,008	0,151	FALSE
0,127	0,291	0,003	0,007	0,179	FALSE
-0,039	0,317	-0,001	0,009	0,056	FALSE
-0,017	0,297	-0,001	0,011	0,049	FALSE
0,181	0,310	0,005	0,009	0,253	FALSE
0,022	0,318	0,001	0,008	0,033	FALSE
0,033	0,305	0,002	0,008	0,073	FALSE
0,056	0,310	0,002	0,012	0,057	FALSE
0,043	0,307	0,002	0,010	0,058	FALSE
0,050	0,312	0,002	0,011	0,059	FALSE
-0,010	0,306	0,000	0,006	0,009	FALSE
0,059	0,308	0,002	0,013	0,053	FALSE
0,015	0,305	0,000	0,010	0,002	FALSE
0,071	0,303	0,001	0,007	0,079	FALSE
0,042	0,300	0,001	0,006	0,032	FALSE
-0,095	0,314	-0,003	0,009	0,108	FALSE
-0,072	0,319	-0,002	0,010	0,059	FALSE
-0,034	0,319	-0,001	0,008	0,046	FALSE
-0,065	0,301	-0,002	0,007	0,085	FALSE
0,014	0,294	0,000	0,006	0,015	FALSE
0,035	0,296	0,002	0,010	0,062	FALSE
-0,015	0,297	-0,001	0,012	0,027	FALSE
0,006	0,297	0,001	0,012	0,032	FALSE
0,038	0,296	0,001	0,012	0,030	FALSE
0,019	0,321	0,002	0,013	0,051	FALSE
0,036	0,313	0,000	0,008	0,012	FALSE
0,018	0,291	0,000	0,012	0,003	FALSE
-0,033	0,312	-0,001	0,007	0,030	FALSE
-0,064	0,317	-0,002	0,010	0,089	FALSE
-0,033	0,314	-0,001	0,008	0,029	FALSE
-0,005	0,296	0,000	0,006	0,017	FALSE
0,010	0,315	0,001	0,010	0,020	FALSE
-0,016	0,310	0,000	0,010	0,000	FALSE
-0,013	0,318	0,000	0,011	0,002	FALSE
0,113	0,314	0,002	0,007	0,115	FALSE

-0,034	0,316	0,000	0,011	0,001	FALSE
-0,050	0,318	-0,001	0,008	0,065	FALSE
-0,014	0,292	0,000	0,010	0,006	FALSE
-0,022	0,311	-0,001	0,012	0,036	FALSE
0,190	0,276	0,007	0,009	0,355	FALSE
0,116	0,311	0,003	0,009	0,136	FALSE
-0,034	0,310	-0,001	0,012	0,037	FALSE
0,140	0,300	0,003	0,009	0,150	FALSE
-0,076	0,298	-0,003	0,010	0,121	FALSE
-0,054	0,316	-0,002	0,010	0,062	FALSE
0,043	0,300	0,002	0,010	0,079	FALSE
0,046	0,298	0,001	0,009	0,058	FALSE
-0,080	0,307	-0,002	0,007	0,103	FALSE
0,126	0,317	0,002	0,007	0,141	FALSE
0,005	0,315	0,000	0,010	0,018	FALSE
0,055	0,302	0,003	0,009	0,107	FALSE
-0,136	0,314	-0,003	0,007	0,188	FALSE
0,078	0,319	0,003	0,012	0,097	FALSE
0,040	0,310	0,001	0,008	0,043	FALSE
-0,018	0,307	-0,001	0,006	0,053	FALSE
-0,004	0,307	-0,001	0,009	0,026	FALSE
-0,002	0,313	0,001	0,009	0,034	FALSE
0,021	0,305	0,000	0,006	0,008	FALSE
0,104	0,312	0,004	0,010	0,148	FALSE
-0,005	0,311	0,000	0,006	0,013	FALSE
0,025	0,311	0,000	0,008	0,012	FALSE
-0,176	0,316	-0,004	0,008	0,234	FALSE
-0,155	0,280	-0,005	0,011	0,197	FALSE
-0,016	0,300	0,000	0,006	0,011	FALSE
-0,133	0,313	-0,005	0,013	0,162	FALSE
0,140	0,291	0,006	0,012	0,200	FALSE
-0,090	0,302	-0,003	0,011	0,120	FALSE
0,028	0,319	0,001	0,013	0,033	FALSE
-0,088	0,316	-0,004	0,013	0,113	FALSE
0,018	0,305	0,001	0,011	0,021	FALSE
-0,021	0,318	0,000	0,007	0,026	FALSE
0,064	0,305	0,001	0,006	0,034	FALSE
-0,017	0,311	0,000	0,011	0,014	FALSE
-0,003	0,312	0,000	0,011	0,005	FALSE
0,033	0,314	0,001	0,009	0,040	FALSE
-0,021	0,312	-0,001	0,010	0,028	FALSE
0,030	0,297	0,000	0,009	0,015	FALSE
-0,035	0,311	-0,001	0,009	0,047	FALSE
-0,018	0,309	-0,001	0,010	0,020	FALSE
0,043	0,305	0,001	0,011	0,040	FALSE
-0,005	0,303	0,000	0,011	0,013	FALSE
-0,037	0,302	-0,001	0,010	0,041	FALSE
0,050	0,303	0,001	0,008	0,044	FALSE
0,087	0,301	0,003	0,012	0,080	FALSE
0,005	0,327	0,000	0,010	0,016	FALSE
-0,009	0,309	-0,001	0,012	0,018	FALSE
0,156	0,289	0,004	0,007	0,217	FALSE
-0,009	0,301	-0,001	0,007	0,036	FALSE

0,031	0,316	0,001	0,012	0,037	FALSE
0,007	0,319	0,000	0,011	0,008	FALSE
-0,044	0,291	0,000	0,006	0,025	FALSE
0,125	0,315	0,005	0,013	0,169	FALSE
-0,018	0,314	-0,001	0,009	0,022	FALSE
-0,042	0,296	-0,002	0,007	0,102	FALSE
0,115	0,310	0,004	0,012	0,142	FALSE
0,021	0,312	0,000	0,010	0,017	FALSE
-0,003	0,314	0,000	0,010	0,003	FALSE
-0,099	0,306	-0,002	0,009	0,107	FALSE
0,119	0,308	0,003	0,007	0,144	FALSE
-0,019	0,316	0,000	0,010	0,012	FALSE
-0,046	0,306	-0,001	0,007	0,058	FALSE
-0,093	0,284	-0,003	0,012	0,097	FALSE
-0,120	0,305	-0,005	0,012	0,153	FALSE
0,104	0,309	0,003	0,010	0,110	FALSE
0,003	0,306	0,000	0,008	0,015	FALSE
-0,020	0,309	-0,001	0,013	0,037	FALSE
0,033	0,322	0,002	0,013	0,047	FALSE
0,012	0,290	0,001	0,008	0,033	FALSE
0,003	0,305	0,000	0,007	0,014	FALSE
-0,001	0,309	-0,001	0,012	0,021	FALSE
-0,094	0,317	-0,003	0,010	0,132	FALSE
0,070	0,319	0,003	0,010	0,098	FALSE
0,009	0,298	0,000	0,012	0,011	FALSE
-0,148	0,309	-0,004	0,008	0,183	FALSE
-0,126	0,294	-0,003	0,008	0,184	FALSE
0,041	0,306	0,001	0,007	0,034	FALSE
-0,134	0,305	-0,004	0,008	0,180	FALSE
-0,152	0,298	-0,006	0,011	0,230	FALSE
-0,143	0,292	-0,006	0,011	0,236	FALSE
-0,166	0,294	-0,007	0,011	0,285	FALSE
0,132	0,308	0,006	0,012	0,212	FALSE
0,056	0,317	0,001	0,009	0,057	FALSE
0,159	0,291	0,007	0,012	0,257	FALSE
-0,037	0,306	-0,001	0,007	0,065	FALSE
0,021	0,301	0,001	0,011	0,025	FALSE
0,092	0,315	0,002	0,009	0,095	FALSE
-0,069	0,321	-0,003	0,011	0,102	FALSE
-0,009	0,306	0,000	0,006	0,004	FALSE
-0,028	0,319	-0,001	0,013	0,027	FALSE
0,112	0,305	0,004	0,012	0,145	FALSE
0,159	0,297	0,007	0,013	0,239	FALSE
0,104	0,309	0,004	0,013	0,116	FALSE
-0,163	0,289	-0,007	0,012	0,261	FALSE
-0,162	0,302	-0,006	0,010	0,257	FALSE
-0,153	0,307	-0,005	0,011	0,215	FALSE
0,193	0,301	0,005	0,007	0,288	FALSE
-0,038	0,301	-0,001	0,010	0,042	FALSE
0,004	0,326	0,000	0,007	0,020	FALSE
0,156	0,307	0,007	0,012	0,252	FALSE
0,209	0,301	0,009	0,012	0,333	FALSE
0,215	0,301	0,008	0,012	0,327	FALSE

0,067	0,302	0,001	0,007	0,057	FALSE
-0,059	0,311	-0,003	0,012	0,087	FALSE
-0,032	0,328	-0,001	0,014	0,036	FALSE
-0,036	0,319	-0,001	0,010	0,023	FALSE
0,089	0,309	0,002	0,008	0,078	FALSE
0,080	0,290	0,003	0,008	0,137	FALSE
-0,069	0,314	-0,002	0,012	0,073	FALSE
-0,048	0,303	-0,001	0,009	0,054	FALSE
0,071	0,299	0,002	0,008	0,099	FALSE
0,017	0,311	0,000	0,010	0,003	FALSE
-0,015	0,316	-0,001	0,010	0,043	FALSE
0,141	0,299	0,004	0,007	0,211	FALSE
0,004	0,304	0,000	0,009	0,014	FALSE
-0,008	0,293	-0,001	0,007	0,042	FALSE
0,015	0,306	0,000	0,012	0,003	FALSE
-0,007	0,314	0,000	0,010	0,001	FALSE
0,064	0,296	0,002	0,011	0,059	FALSE
0,058	0,300	0,001	0,011	0,043	FALSE
0,043	0,308	0,001	0,012	0,034	FALSE
0,029	0,323	0,001	0,010	0,020	FALSE
0,007	0,298	0,000	0,007	0,009	FALSE
0,018	0,309	0,001	0,009	0,021	FALSE
-0,001	0,306	0,000	0,007	0,002	FALSE
0,081	0,299	0,001	0,007	0,063	FALSE
0,088	0,299	0,003	0,011	0,106	FALSE
-0,114	0,299	-0,005	0,012	0,175	FALSE
-0,025	0,308	-0,002	0,012	0,073	FALSE
-0,020	0,305	0,001	0,012	0,017	FALSE
0,003	0,303	0,000	0,008	0,002	FALSE
0,031	0,287	0,001	0,006	0,043	FALSE
0,145	0,304	0,005	0,011	0,187	FALSE
-0,050	0,310	-0,001	0,008	0,060	FALSE
-0,101	0,313	-0,004	0,011	0,156	FALSE
0,039	0,316	0,001	0,010	0,044	FALSE
0,056	0,322	0,001	0,010	0,055	FALSE
-0,128	0,311	-0,004	0,009	0,185	FALSE
0,159	0,297	0,006	0,010	0,265	FALSE
0,012	0,322	0,001	0,011	0,023	FALSE
-0,025	0,307	-0,001	0,011	0,022	FALSE
0,009	0,308	0,000	0,008	0,014	FALSE
0,005	0,318	0,000	0,012	0,013	FALSE
-0,006	0,318	-0,001	0,007	0,025	FALSE
-0,043	0,309	-0,002	0,013	0,053	FALSE
0,097	0,309	0,004	0,012	0,113	FALSE
-0,096	0,316	-0,003	0,013	0,097	FALSE
0,143	0,308	0,003	0,007	0,174	FALSE
0,027	0,297	0,001	0,009	0,038	FALSE
0,007	0,309	-0,001	0,011	0,027	FALSE
0,043	0,312	0,002	0,011	0,061	FALSE
-0,049	0,306	-0,002	0,011	0,086	FALSE
0,035	0,306	0,001	0,006	0,035	FALSE
0,033	0,308	0,001	0,006	0,044	FALSE
-0,005	0,323	0,000	0,010	0,000	FALSE

-0,089	0,314	-0,002	0,007	0,106	FALSE
-0,033	0,319	0,000	0,007	0,026	FALSE
0,019	0,294	0,001	0,007	0,046	FALSE
0,064	0,301	0,001	0,011	0,048	FALSE
0,035	0,303	0,001	0,012	0,036	FALSE
-0,096	0,311	-0,003	0,010	0,111	FALSE
-0,174	0,304	-0,007	0,013	0,241	FALSE
-0,111	0,315	-0,004	0,012	0,142	FALSE
0,083	0,306	0,002	0,008	0,084	FALSE
0,105	0,306	0,004	0,008	0,187	FALSE
0,075	0,311	0,003	0,011	0,096	FALSE
-0,101	0,299	-0,002	0,008	0,127	FALSE
0,029	0,322	0,001	0,012	0,028	FALSE
0,080	0,304	0,002	0,007	0,081	FALSE
0,099	0,318	0,002	0,007	0,096	FALSE
0,063	0,316	0,002	0,010	0,059	FALSE
0,075	0,298	0,002	0,008	0,101	FALSE
0,054	0,297	0,002	0,012	0,072	FALSE
-0,041	0,312	0,000	0,007	0,026	FALSE
0,098	0,293	0,005	0,012	0,149	FALSE
-0,086	0,330	-0,003	0,012	0,110	FALSE
-0,006	0,309	-0,001	0,010	0,036	FALSE
0,025	0,319	0,000	0,011	0,012	FALSE
0,025	0,313	0,000	0,007	0,016	FALSE
0,041	0,307	0,001	0,012	0,037	FALSE
-0,031	0,316	-0,002	0,012	0,048	FALSE
-0,098	0,302	-0,003	0,009	0,134	FALSE
0,038	0,304	0,001	0,008	0,058	FALSE
0,055	0,307	0,001	0,006	0,038	FALSE
0,068	0,302	0,001	0,007	0,075	FALSE
-0,126	0,311	-0,003	0,007	0,155	FALSE
0,012	0,315	0,000	0,011	0,003	FALSE
-0,145	0,293	-0,004	0,009	0,190	FALSE
0,030	0,313	0,001	0,009	0,048	FALSE
0,036	0,312	0,001	0,011	0,019	FALSE
0,022	0,324	0,000	0,012	0,003	FALSE
-0,166	0,302	-0,004	0,007	0,237	FALSE
0,089	0,309	0,002	0,008	0,084	FALSE
0,096	0,303	0,003	0,009	0,135	FALSE
-0,047	0,311	-0,001	0,006	0,037	FALSE
-0,136	0,307	-0,003	0,007	0,206	FALSE
-0,064	0,282	-0,001	0,007	0,062	FALSE
-0,017	0,296	0,000	0,010	0,012	FALSE
0,060	0,314	0,001	0,006	0,082	FALSE
-0,008	0,301	-0,001	0,013	0,021	FALSE
0,034	0,310	0,002	0,013	0,066	FALSE
-0,064	0,310	-0,002	0,008	0,085	FALSE
-0,077	0,308	-0,002	0,008	0,087	FALSE
-0,060	0,302	-0,002	0,007	0,083	FALSE
-0,043	0,310	-0,002	0,011	0,080	FALSE
-0,067	0,308	-0,002	0,009	0,079	FALSE
-0,023	0,295	-0,001	0,011	0,046	FALSE
-0,089	0,316	-0,005	0,012	0,146	FALSE

-0,054	0,302	-0,001	0,006	0,050	FALSE
0,013	0,301	0,000	0,008	0,009	FALSE
0,006	0,314	0,000	0,012	0,005	FALSE
-0,022	0,322	-0,001	0,008	0,028	FALSE
-0,052	0,319	-0,002	0,013	0,067	FALSE
0,011	0,301	0,000	0,008	0,015	FALSE
0,125	0,312	0,003	0,006	0,174	FALSE
0,041	0,304	0,002	0,012	0,067	FALSE
-0,050	0,301	-0,001	0,006	0,056	FALSE
0,138	0,306	0,006	0,013	0,183	FALSE
0,125	0,304	0,002	0,007	0,112	FALSE
0,005	0,309	0,000	0,009	0,002	FALSE
-0,103	0,304	-0,003	0,009	0,142	FALSE
-0,013	0,315	-0,001	0,009	0,020	FALSE
-0,062	0,307	-0,002	0,010	0,086	FALSE
0,070	0,310	0,002	0,007	0,086	FALSE
-0,071	0,307	-0,001	0,006	0,070	FALSE
-0,132	0,307	-0,006	0,013	0,187	FALSE
0,106	0,292	0,003	0,011	0,119	FALSE
-0,036	0,314	0,000	0,012	0,011	FALSE
-0,029	0,319	-0,001	0,009	0,042	FALSE
-0,055	0,298	-0,002	0,008	0,081	FALSE
0,008	0,319	0,001	0,014	0,015	FALSE
-0,146	0,296	-0,004	0,009	0,150	FALSE
-0,040	0,308	0,000	0,009	0,018	FALSE
-0,177	0,299	-0,004	0,007	0,245	TRUE
-0,011	0,306	-0,001	0,008	0,027	FALSE
0,047	0,299	0,002	0,012	0,052	FALSE
0,092	0,297	0,004	0,011	0,123	FALSE
-0,042	0,310	-0,003	0,012	0,092	FALSE
0,148	0,307	0,004	0,009	0,195	FALSE
-0,009	0,322	0,000	0,008	0,012	FALSE
-0,075	0,301	-0,003	0,009	0,116	FALSE
0,056	0,315	0,002	0,009	0,082	FALSE
0,065	0,285	0,001	0,010	0,051	FALSE
-0,052	0,318	-0,002	0,007	0,088	FALSE
-0,053	0,316	-0,001	0,006	0,064	FALSE
-0,036	0,326	-0,001	0,013	0,025	FALSE
-0,044	0,292	-0,002	0,011	0,077	FALSE
-0,041	0,309	-0,001	0,007	0,066	FALSE
0,118	0,296	0,003	0,007	0,147	FALSE
-0,022	0,315	-0,002	0,011	0,073	FALSE
-0,048	0,323	-0,001	0,009	0,045	FALSE
-0,087	0,315	-0,003	0,012	0,105	FALSE
0,025	0,301	0,000	0,008	0,022	FALSE
0,047	0,309	0,001	0,009	0,058	FALSE
-0,061	0,304	-0,002	0,007	0,117	FALSE
0,112	0,298	0,003	0,007	0,143	FALSE
-0,073	0,298	-0,002	0,007	0,113	FALSE
0,052	0,307	0,001	0,007	0,067	FALSE
0,143	0,297	0,004	0,008	0,183	FALSE
-0,005	0,304	-0,001	0,012	0,015	FALSE
0,005	0,316	0,000	0,012	0,004	FALSE

0,121	0,294	0,003	0,008	0,181	FALSE
0,011	0,308	0,000	0,006	0,012	FALSE
-0,012	0,310	-0,001	0,007	0,034	FALSE
0,106	0,302	0,003	0,008	0,134	FALSE
-0,134	0,322	-0,006	0,012	0,186	FALSE
-0,136	0,300	-0,006	0,012	0,200	FALSE
0,120	0,303	0,003	0,007	0,144	FALSE
-0,044	0,325	-0,002	0,012	0,057	FALSE
0,014	0,311	0,000	0,007	0,024	FALSE
0,074	0,310	0,001	0,008	0,059	FALSE
-0,066	0,291	-0,001	0,006	0,074	FALSE
0,045	0,304	0,002	0,011	0,066	FALSE
0,118	0,308	0,003	0,009	0,141	TRUE
0,145	0,308	0,006	0,010	0,250	FALSE
-0,037	0,305	-0,001	0,009	0,038	FALSE
-0,096	0,325	-0,003	0,008	0,124	FALSE
-0,019	0,313	-0,001	0,007	0,049	FALSE
0,010	0,313	0,000	0,009	0,017	FALSE
0,019	0,298	0,001	0,008	0,022	FALSE
0,014	0,318	0,000	0,008	0,002	FALSE
-0,054	0,306	-0,002	0,012	0,075	FALSE
0,074	0,296	0,002	0,006	0,126	FALSE
0,077	0,319	0,003	0,011	0,087	FALSE
0,002	0,303	0,001	0,012	0,042	FALSE
-0,051	0,306	-0,001	0,008	0,056	FALSE
-0,041	0,307	-0,001	0,012	0,036	FALSE
-0,055	0,303	-0,001	0,006	0,073	FALSE
0,030	0,301	0,002	0,012	0,064	FALSE
-0,025	0,287	-0,002	0,011	0,079	FALSE
-0,020	0,302	-0,001	0,011	0,049	FALSE
-0,062	0,313	-0,002	0,007	0,101	FALSE
-0,056	0,295	-0,001	0,008	0,036	FALSE
-0,014	0,306	-0,001	0,009	0,047	FALSE
0,033	0,316	0,001	0,011	0,025	FALSE
-0,028	0,301	-0,002	0,012	0,061	FALSE
-0,064	0,324	-0,002	0,010	0,071	FALSE
-0,085	0,309	-0,004	0,012	0,122	FALSE
0,047	0,293	0,002	0,011	0,060	FALSE
0,057	0,297	0,002	0,012	0,070	FALSE
0,071	0,311	0,003	0,012	0,102	FALSE
-0,049	0,312	-0,002	0,013	0,043	FALSE
0,024	0,315	0,001	0,007	0,046	FALSE
0,027	0,307	0,001	0,012	0,016	FALSE
0,019	0,313	0,000	0,012	0,004	FALSE
-0,079	0,303	-0,001	0,007	0,056	FALSE
-0,200	0,294	-0,008	0,012	0,310	FALSE
-0,045	0,286	-0,001	0,007	0,044	FALSE
0,026	0,313	0,001	0,012	0,043	FALSE
-0,134	0,307	-0,005	0,012	0,174	FALSE
-0,088	0,299	-0,004	0,012	0,121	FALSE
0,050	0,314	0,002	0,011	0,055	FALSE
0,090	0,303	0,003	0,010	0,119	FALSE
-0,046	0,303	-0,001	0,007	0,033	FALSE

0,175	0,295	0,004	0,007	0,214	FALSE
0,077	0,302	0,002	0,006	0,119	FALSE
0,149	0,308	0,003	0,008	0,163	FALSE
0,266	0,295	0,007	0,009	0,392	FALSE
-0,051	0,304	-0,002	0,009	0,060	FALSE
-0,011	0,317	-0,001	0,013	0,022	FALSE
0,040	0,310	0,001	0,007	0,046	FALSE
0,028	0,308	0,001	0,008	0,048	FALSE
-0,103	0,303	-0,004	0,011	0,150	FALSE
-0,018	0,312	-0,001	0,010	0,032	FALSE
0,077	0,298	0,003	0,010	0,128	FALSE
0,038	0,303	0,002	0,008	0,069	FALSE
0,071	0,286	0,005	0,012	0,149	FALSE
-0,103	0,311	-0,003	0,009	0,124	FALSE
-0,134	0,300	-0,004	0,009	0,183	FALSE
-0,099	0,304	-0,003	0,008	0,130	FALSE
-0,094	0,305	-0,003	0,009	0,119	FALSE
0,121	0,303	0,003	0,006	0,213	FALSE
0,013	0,311	0,000	0,008	0,007	FALSE
0,025	0,320	0,001	0,008	0,028	FALSE
0,063	0,303	0,002	0,008	0,092	FALSE
0,111	0,313	0,004	0,013	0,131	FALSE
0,105	0,303	0,003	0,009	0,109	FALSE
0,033	0,310	0,002	0,010	0,078	FALSE
-0,058	0,289	-0,001	0,012	0,045	FALSE
-0,054	0,306	-0,002	0,013	0,055	FALSE
0,001	0,311	0,000	0,009	0,008	FALSE
-0,079	0,298	-0,003	0,012	0,086	FALSE
0,053	0,301	0,001	0,012	0,026	FALSE
-0,181	0,294	-0,007	0,011	0,274	FALSE
0,047	0,308	0,003	0,011	0,097	FALSE
0,124	0,300	0,006	0,011	0,212	FALSE
0,044	0,315	0,002	0,009	0,074	FALSE
-0,105	0,308	-0,002	0,009	0,114	FALSE
0,012	0,297	0,000	0,009	0,003	FALSE
-0,068	0,313	-0,002	0,009	0,073	FALSE
-0,107	0,308	-0,003	0,008	0,161	FALSE
-0,028	0,306	0,000	0,007	0,022	FALSE
-0,019	0,305	0,000	0,006	0,015	FALSE
-0,044	0,315	-0,002	0,012	0,056	FALSE
0,078	0,296	0,003	0,007	0,140	FALSE
0,116	0,305	0,005	0,012	0,189	FALSE
-0,131	0,296	-0,004	0,007	0,199	FALSE
-0,020	0,304	0,000	0,012	0,010	FALSE
0,059	0,314	0,002	0,013	0,063	FALSE
-0,159	0,293	-0,003	0,006	0,233	FALSE
-0,042	0,300	-0,001	0,008	0,042	FALSE
-0,054	0,303	-0,001	0,010	0,040	FALSE
-0,005	0,306	0,000	0,007	0,010	FALSE
-0,137	0,300	-0,004	0,010	0,172	FALSE
-0,011	0,312	0,000	0,007	0,024	FALSE
0,001	0,313	0,000	0,007	0,010	FALSE
-0,143	0,305	-0,004	0,008	0,193	FALSE

0,018	0,300	0,000	0,007	0,020	FALSE
0,023	0,298	0,001	0,012	0,044	FALSE
-0,071	0,281	-0,002	0,006	0,101	FALSE
0,050	0,295	0,001	0,007	0,051	FALSE
0,005	0,306	0,000	0,006	0,001	FALSE
-0,013	0,300	0,000	0,007	0,010	FALSE
0,095	0,308	0,003	0,008	0,134	FALSE
0,136	0,311	0,006	0,013	0,190	FALSE
0,086	0,299	0,004	0,009	0,166	FALSE
0,027	0,311	0,001	0,009	0,046	FALSE
-0,005	0,309	0,000	0,007	0,005	FALSE
-0,095	0,312	-0,003	0,010	0,122	FALSE
-0,093	0,307	-0,003	0,008	0,145	FALSE
0,005	0,304	0,000	0,010	0,003	FALSE
-0,041	0,318	-0,001	0,007	0,059	FALSE
0,011	0,310	0,000	0,012	0,010	FALSE
-0,149	0,308	-0,003	0,008	0,187	FALSE
0,167	0,302	0,005	0,009	0,236	FALSE
-0,059	0,295	-0,002	0,010	0,068	FALSE
0,012	0,298	0,000	0,007	0,013	FALSE
0,055	0,308	0,002	0,013	0,045	FALSE
0,075	0,321	0,002	0,007	0,105	FALSE
-0,065	0,321	-0,002	0,011	0,063	FALSE
-0,126	0,304	-0,003	0,007	0,180	FALSE
-0,038	0,289	-0,001	0,012	0,032	FALSE
0,067	0,316	0,002	0,009	0,084	FALSE
0,001	0,297	0,001	0,011	0,026	FALSE
-0,043	0,308	-0,001	0,011	0,042	FALSE
-0,031	0,305	-0,001	0,010	0,043	FALSE
-0,008	0,306	0,000	0,007	0,017	FALSE
-0,122	0,300	-0,005	0,011	0,177	FALSE
-0,102	0,294	-0,004	0,010	0,162	FALSE
-0,048	0,313	-0,001	0,007	0,038	FALSE
-0,137	0,303	-0,006	0,012	0,186	FALSE
-0,065	0,323	-0,002	0,011	0,083	FALSE
-0,065	0,310	-0,002	0,010	0,072	FALSE
-0,190	0,298	-0,008	0,012	0,305	FALSE
-0,079	0,306	-0,002	0,007	0,119	FALSE
0,110	0,323	0,004	0,010	0,151	FALSE
-0,018	0,308	-0,001	0,007	0,050	FALSE
0,019	0,295	0,001	0,009	0,026	FALSE
-0,145	0,302	-0,006	0,012	0,221	FALSE
-0,026	0,299	-0,001	0,007	0,027	FALSE
-0,141	0,300	-0,003	0,007	0,154	FALSE
0,119	0,290	0,004	0,009	0,159	FALSE
-0,030	0,297	-0,001	0,009	0,031	FALSE
0,085	0,305	0,001	0,007	0,071	FALSE
0,092	0,302	0,002	0,007	0,123	FALSE
0,075	0,312	0,003	0,008	0,134	FALSE
-0,100	0,312	-0,002	0,007	0,114	FALSE
-0,168	0,299	-0,006	0,011	0,231	FALSE
0,167	0,299	0,002	0,006	0,167	FALSE
0,163	0,302	0,004	0,008	0,238	FALSE

-0,111	0,283	-0,003	0,006	0,173	FALSE
0,006	0,305	0,000	0,010	0,005	FALSE
-0,060	0,308	-0,002	0,013	0,072	FALSE
0,152	0,295	0,003	0,007	0,147	FALSE
0,038	0,300	0,001	0,006	0,042	FALSE
0,103	0,295	0,003	0,007	0,164	FALSE
-0,122	0,312	-0,004	0,011	0,148	FALSE
-0,053	0,299	-0,001	0,007	0,063	FALSE
-0,073	0,300	-0,002	0,007	0,076	FALSE
-0,039	0,311	-0,001	0,009	0,039	FALSE
-0,090	0,311	-0,002	0,008	0,104	FALSE
-0,088	0,303	-0,002	0,008	0,107	FALSE
0,028	0,329	0,001	0,012	0,026	FALSE
-0,004	0,309	0,000	0,009	0,006	FALSE
-0,130	0,302	-0,003	0,007	0,150	FALSE
-0,006	0,303	0,001	0,012	0,020	FALSE
0,084	0,308	0,003	0,008	0,130	FALSE
-0,019	0,314	0,000	0,010	0,004	FALSE
-0,036	0,314	-0,001	0,008	0,060	FALSE
-0,147	0,296	-0,006	0,010	0,267	FALSE
-0,100	0,304	-0,004	0,011	0,172	FALSE
-0,010	0,298	0,000	0,011	0,001	FALSE
-0,033	0,309	-0,001	0,007	0,055	FALSE
-0,136	0,320	-0,003	0,007	0,181	FALSE
0,089	0,302	0,003	0,009	0,115	FALSE
-0,062	0,299	-0,003	0,011	0,097	FALSE
0,064	0,312	0,002	0,008	0,076	FALSE
0,169	0,302	0,004	0,007	0,236	FALSE
-0,051	0,316	-0,002	0,010	0,073	FALSE
0,062	0,311	0,003	0,012	0,101	FALSE
0,036	0,312	0,001	0,012	0,046	FALSE
0,051	0,313	0,002	0,012	0,048	FALSE
-0,062	0,310	-0,002	0,008	0,085	FALSE
-0,013	0,298	-0,001	0,011	0,026	FALSE
-0,018	0,317	0,000	0,007	0,008	FALSE
0,029	0,313	0,001	0,006	0,031	FALSE
0,040	0,297	0,001	0,007	0,069	FALSE
-0,082	0,317	-0,002	0,008	0,100	FALSE
-0,093	0,304	-0,002	0,007	0,094	FALSE
0,115	0,301	0,005	0,011	0,183	FALSE
-0,033	0,308	-0,001	0,008	0,053	FALSE
0,099	0,295	0,005	0,012	0,172	FALSE
0,205	0,310	0,004	0,007	0,285	FALSE
-0,081	0,300	-0,002	0,009	0,101	FALSE
0,050	0,319	0,001	0,008	0,057	FALSE
-0,176	0,307	-0,007	0,012	0,260	FALSE
0,046	0,303	0,002	0,012	0,066	FALSE
0,101	0,301	0,003	0,009	0,118	FALSE
0,005	0,316	0,001	0,008	0,039	FALSE
-0,009	0,305	0,000	0,007	0,014	FALSE
0,061	0,304	0,001	0,006	0,084	FALSE
0,023	0,303	0,001	0,008	0,050	FALSE
-0,147	0,300	-0,003	0,006	0,216	FALSE

0,001	0,292	0,001	0,006	0,045	FALSE
0,089	0,311	0,002	0,009	0,110	FALSE
0,088	0,304	0,002	0,006	0,116	FALSE
0,106	0,292	0,002	0,007	0,150	FALSE
0,069	0,312	0,002	0,007	0,114	FALSE
-0,034	0,300	-0,001	0,006	0,064	FALSE
-0,024	0,302	0,000	0,010	0,003	FALSE
0,123	0,298	0,004	0,011	0,138	FALSE
0,017	0,313	0,001	0,013	0,015	FALSE
0,025	0,309	0,001	0,012	0,036	FALSE
0,047	0,316	0,002	0,013	0,057	FALSE
-0,075	0,320	-0,002	0,010	0,074	FALSE
-0,088	0,305	-0,002	0,008	0,109	FALSE
0,032	0,301	0,001	0,006	0,028	FALSE
-0,084	0,315	-0,003	0,012	0,105	FALSE
-0,029	0,299	-0,001	0,011	0,045	FALSE
0,058	0,311	0,002	0,011	0,066	FALSE
0,069	0,301	0,003	0,013	0,089	FALSE
0,007	0,308	0,000	0,010	0,004	FALSE
-0,077	0,299	-0,003	0,008	0,131	FALSE
-0,034	0,307	-0,001	0,009	0,038	FALSE
-0,103	0,308	-0,003	0,009	0,151	FALSE
0,028	0,298	0,001	0,012	0,031	FALSE
-0,087	0,305	-0,003	0,011	0,116	FALSE
0,120	0,281	0,004	0,008	0,179	FALSE
0,079	0,309	0,003	0,010	0,102	FALSE
0,036	0,298	0,001	0,011	0,032	FALSE
0,126	0,301	0,003	0,006	0,188	FALSE
0,049	0,308	0,001	0,009	0,053	FALSE
0,114	0,305	0,002	0,007	0,115	FALSE
0,108	0,307	0,002	0,008	0,118	FALSE
-0,036	0,305	-0,002	0,012	0,045	FALSE
-0,014	0,305	0,000	0,012	0,001	FALSE
-0,155	0,312	-0,004	0,009	0,200	FALSE
0,123	0,304	0,002	0,006	0,140	FALSE
0,062	0,303	0,003	0,012	0,099	FALSE
0,098	0,305	0,004	0,012	0,135	FALSE
0,061	0,310	0,003	0,012	0,078	FALSE
0,044	0,310	0,002	0,013	0,074	FALSE
0,067	0,292	0,003	0,012	0,094	FALSE
0,058	0,307	0,002	0,012	0,075	FALSE
0,272	0,270	0,012	0,013	0,443	FALSE
0,028	0,311	0,001	0,006	0,052	FALSE
-0,086	0,301	-0,004	0,011	0,141	FALSE
-0,104	0,313	-0,002	0,007	0,145	FALSE
-0,088	0,313	-0,002	0,007	0,123	FALSE
0,052	0,307	0,001	0,012	0,034	FALSE
0,062	0,309	0,002	0,010	0,086	FALSE
0,057	0,318	0,001	0,006	0,084	FALSE
0,008	0,292	0,000	0,011	0,000	FALSE
0,190	0,308	0,005	0,010	0,222	FALSE
0,121	0,303	0,003	0,009	0,127	FALSE
-0,038	0,309	-0,002	0,012	0,056	FALSE

-0,045	0,313	-0,002	0,012	0,061	FALSE
0,055	0,295	0,002	0,007	0,085	FALSE
0,088	0,303	0,003	0,011	0,090	FALSE
-0,077	0,305	-0,003	0,008	0,138	FALSE
-0,093	0,303	-0,004	0,012	0,139	FALSE
-0,076	0,305	-0,003	0,012	0,107	FALSE
-0,195	0,293	-0,006	0,008	0,345	FALSE
-0,086	0,300	-0,004	0,011	0,132	FALSE
-0,067	0,299	-0,002	0,007	0,092	FALSE
-0,017	0,302	-0,001	0,013	0,041	FALSE
0,053	0,308	0,002	0,010	0,078	FALSE
-0,010	0,306	-0,001	0,012	0,036	FALSE
-0,039	0,302	-0,001	0,008	0,050	FALSE
-0,086	0,300	-0,002	0,007	0,125	FALSE
-0,138	0,311	-0,003	0,007	0,195	FALSE
0,236	0,286	0,006	0,008	0,362	FALSE
0,053	0,304	0,001	0,010	0,026	FALSE
-0,096	0,320	-0,004	0,012	0,116	FALSE
-0,037	0,304	-0,001	0,012	0,032	FALSE
-0,057	0,300	-0,002	0,011	0,066	FALSE
-0,048	0,308	-0,002	0,012	0,052	FALSE
-0,064	0,307	-0,003	0,011	0,085	FALSE
0,024	0,307	0,001	0,010	0,025	FALSE
0,096	0,312	0,003	0,007	0,141	FALSE
-0,067	0,310	-0,003	0,013	0,087	FALSE
-0,045	0,318	-0,001	0,007	0,030	FALSE
0,009	0,322	0,001	0,011	0,029	FALSE
-0,012	0,313	-0,001	0,013	0,028	FALSE
-0,102	0,291	-0,004	0,010	0,175	FALSE
-0,113	0,301	-0,004	0,010	0,176	FALSE
0,034	0,320	0,001	0,013	0,026	FALSE
0,061	0,323	0,001	0,009	0,045	FALSE
-0,046	0,313	0,000	0,013	0,008	FALSE
-0,002	0,309	-0,001	0,010	0,024	FALSE
-0,047	0,295	-0,001	0,008	0,045	FALSE
-0,067	0,299	-0,002	0,009	0,065	FALSE
-0,062	0,306	-0,002	0,007	0,099	FALSE
-0,086	0,300	-0,003	0,008	0,137	FALSE
-0,042	0,310	-0,002	0,012	0,068	FALSE
-0,140	0,308	-0,003	0,007	0,184	FALSE
-0,115	0,306	-0,003	0,008	0,177	FALSE
0,025	0,304	0,001	0,010	0,021	FALSE
0,004	0,304	0,000	0,007	0,005	FALSE
-0,029	0,300	-0,001	0,008	0,029	FALSE
0,060	0,318	0,001	0,007	0,067	FALSE
-0,003	0,320	0,000	0,010	0,004	FALSE
-0,032	0,298	-0,001	0,008	0,048	FALSE
-0,023	0,316	-0,001	0,009	0,035	FALSE
0,039	0,314	0,001	0,011	0,051	FALSE
0,009	0,324	0,000	0,012	0,011	FALSE
0,038	0,306	0,001	0,007	0,050	FALSE
0,035	0,313	0,001	0,011	0,027	FALSE
-0,027	0,311	-0,001	0,010	0,028	FALSE

-0,022	0,305	0,000	0,010	0,007	FALSE
-0,026	0,314	-0,001	0,009	0,058	FALSE
0,048	0,302	0,001	0,007	0,039	FALSE
-0,055	0,305	-0,003	0,012	0,094	FALSE
-0,104	0,313	-0,003	0,011	0,105	FALSE
0,022	0,299	0,001	0,007	0,039	FALSE
-0,012	0,312	0,000	0,012	0,011	FALSE
0,028	0,307	0,001	0,010	0,047	FALSE
0,011	0,305	0,000	0,008	0,018	FALSE
0,029	0,306	0,001	0,010	0,037	FALSE
-0,066	0,318	-0,001	0,008	0,059	FALSE
-0,049	0,303	-0,001	0,009	0,022	FALSE
-0,037	0,320	-0,001	0,007	0,039	FALSE
-0,022	0,305	-0,001	0,007	0,056	FALSE
-0,007	0,283	0,001	0,011	0,023	FALSE
0,001	0,303	0,000	0,007	0,009	FALSE
0,023	0,307	0,000	0,010	0,008	FALSE
0,117	0,295	0,004	0,008	0,209	FALSE
0,036	0,309	0,002	0,009	0,078	FALSE
0,035	0,305	0,002	0,011	0,076	FALSE
0,099	0,318	0,003	0,007	0,157	FALSE
-0,095	0,297	-0,002	0,006	0,147	FALSE
-0,092	0,303	-0,002	0,006	0,105	FALSE
-0,056	0,311	-0,002	0,009	0,079	FALSE
-0,070	0,303	-0,003	0,008	0,138	FALSE
0,139	0,306	0,005	0,011	0,196	FALSE
0,174	0,294	0,008	0,012	0,288	FALSE
-0,022	0,301	-0,001	0,007	0,051	FALSE
-0,005	0,312	0,000	0,012	0,011	FALSE
-0,089	0,313	-0,002	0,007	0,110	FALSE
0,002	0,313	0,001	0,011	0,026	FALSE
0,000	0,308	0,000	0,008	0,008	FALSE
0,044	0,305	0,001	0,008	0,055	FALSE
-0,006	0,318	0,000	0,009	0,005	FALSE
-0,144	0,303	-0,006	0,010	0,241	FALSE
0,033	0,311	0,001	0,007	0,042	FALSE
0,021	0,305	0,001	0,008	0,028	FALSE
0,131	0,302	0,006	0,011	0,215	FALSE
-0,188	0,303	-0,008	0,013	0,263	FALSE
-0,157	0,300	-0,006	0,013	0,210	FALSE
0,048	0,318	0,001	0,011	0,041	FALSE
-0,140	0,315	-0,006	0,013	0,173	FALSE
-0,110	0,293	-0,003	0,008	0,132	FALSE
0,053	0,303	0,002	0,011	0,074	FALSE
-0,087	0,292	-0,002	0,008	0,114	FALSE
0,085	0,299	0,003	0,011	0,095	FALSE
-0,095	0,299	-0,002	0,008	0,100	FALSE
0,029	0,303	0,001	0,007	0,058	FALSE
0,080	0,301	0,003	0,013	0,074	FALSE
-0,103	0,314	-0,002	0,007	0,125	FALSE
-0,125	0,307	-0,003	0,007	0,177	FALSE
0,019	0,298	0,001	0,009	0,030	FALSE
-0,020	0,305	-0,001	0,007	0,042	FALSE

0,124	0,300	0,004	0,009	0,199	FALSE
-0,002	0,311	0,000	0,006	0,008	FALSE
-0,102	0,303	-0,003	0,008	0,118	FALSE
0,071	0,298	0,002	0,007	0,145	FALSE
0,166	0,291	0,004	0,008	0,239	FALSE
0,009	0,308	0,000	0,008	0,006	FALSE
-0,096	0,298	-0,002	0,008	0,115	FALSE
0,030	0,318	0,000	0,012	0,013	FALSE
0,024	0,293	0,001	0,012	0,034	FALSE
0,049	0,295	0,001	0,009	0,053	FALSE
-0,025	0,310	-0,001	0,009	0,028	FALSE
0,111	0,307	0,002	0,007	0,139	FALSE
-0,016	0,311	-0,001	0,008	0,026	FALSE
-0,072	0,305	-0,001	0,007	0,074	FALSE
0,073	0,306	0,002	0,009	0,101	FALSE
0,062	0,304	0,001	0,006	0,089	FALSE
0,116	0,314	0,004	0,012	0,146	FALSE
0,056	0,309	0,002	0,012	0,062	FALSE
-0,065	0,303	-0,001	0,006	0,049	FALSE
-0,062	0,304	-0,001	0,006	0,058	FALSE
0,024	0,308	0,000	0,010	0,007	FALSE
-0,050	0,318	-0,002	0,011	0,057	FALSE
-0,045	0,316	-0,002	0,011	0,050	FALSE
-0,073	0,316	-0,003	0,011	0,086	FALSE
-0,047	0,308	-0,002	0,011	0,052	FALSE
-0,062	0,308	-0,003	0,011	0,093	FALSE
0,095	0,307	0,004	0,012	0,126	FALSE
-0,039	0,311	-0,001	0,009	0,045	FALSE
-0,034	0,297	0,000	0,010	0,013	FALSE
0,074	0,320	0,002	0,006	0,114	FALSE
-0,104	0,303	-0,004	0,010	0,151	FALSE
-0,070	0,314	-0,002	0,012	0,073	FALSE
-0,115	0,313	-0,004	0,011	0,145	FALSE
0,091	0,309	0,003	0,009	0,148	FALSE
-0,036	0,298	-0,001	0,008	0,028	FALSE
-0,019	0,293	-0,001	0,007	0,034	FALSE
0,041	0,294	0,001	0,008	0,047	FALSE
0,003	0,308	0,000	0,007	0,002	FALSE
0,029	0,309	0,001	0,007	0,060	FALSE
0,111	0,303	0,004	0,012	0,146	FALSE
-0,014	0,306	0,000	0,012	0,008	FALSE
-0,051	0,307	-0,001	0,008	0,072	FALSE
-0,054	0,315	-0,002	0,008	0,073	FALSE
-0,033	0,309	0,000	0,007	0,010	FALSE
-0,028	0,308	-0,002	0,012	0,074	FALSE
-0,008	0,318	0,000	0,009	0,004	FALSE
-0,097	0,303	-0,003	0,008	0,142	FALSE
0,085	0,308	0,004	0,012	0,122	FALSE
0,113	0,300	0,004	0,011	0,156	FALSE
0,000	0,307	0,000	0,006	0,012	FALSE
0,017	0,326	0,000	0,007	0,022	FALSE
0,059	0,299	0,001	0,006	0,055	FALSE
0,064	0,324	0,002	0,009	0,096	FALSE

-0,059	0,316	-0,002	0,009	0,070	FALSE
0,132	0,298	0,003	0,007	0,210	FALSE
-0,058	0,315	-0,002	0,012	0,061	FALSE
-0,060	0,303	-0,003	0,013	0,103	FALSE
-0,001	0,298	0,000	0,012	0,001	FALSE
-0,170	0,312	-0,004	0,008	0,226	FALSE
-0,019	0,307	-0,001	0,012	0,015	FALSE
0,071	0,304	0,001	0,007	0,066	FALSE
-0,022	0,311	0,000	0,006	0,021	FALSE
-0,001	0,306	0,001	0,010	0,023	FALSE
-0,005	0,307	-0,001	0,010	0,021	FALSE
0,045	0,314	0,002	0,007	0,096	FALSE
0,045	0,300	0,001	0,007	0,044	FALSE
-0,081	0,294	-0,002	0,010	0,079	FALSE
0,037	0,307	0,001	0,012	0,036	FALSE
0,078	0,307	0,001	0,008	0,068	FALSE
-0,016	0,305	-0,001	0,012	0,026	FALSE
-0,058	0,305	-0,002	0,009	0,063	FALSE
0,008	0,310	0,000	0,013	0,011	FALSE
-0,057	0,311	-0,001	0,007	0,063	FALSE
-0,055	0,309	-0,001	0,007	0,059	FALSE
0,070	0,299	0,003	0,012	0,090	FALSE
0,085	0,292	0,004	0,013	0,126	FALSE
0,084	0,306	0,004	0,013	0,121	FALSE
-0,088	0,314	-0,002	0,010	0,090	FALSE
0,075	0,302	0,003	0,011	0,112	FALSE
0,027	0,306	0,001	0,012	0,042	FALSE
-0,173	0,283	-0,005	0,008	0,298	FALSE
-0,048	0,310	-0,003	0,010	0,096	FALSE
-0,131	0,302	-0,004	0,010	0,181	FALSE
0,042	0,293	0,001	0,006	0,039	FALSE
-0,083	0,308	-0,002	0,007	0,097	FALSE
-0,145	0,304	-0,005	0,011	0,196	FALSE
-0,114	0,299	-0,005	0,013	0,146	FALSE
-0,099	0,315	-0,002	0,007	0,129	FALSE
-0,047	0,305	-0,002	0,011	0,063	FALSE
0,011	0,297	0,001	0,006	0,042	FALSE
0,043	0,311	0,001	0,011	0,030	FALSE
0,115	0,295	0,002	0,008	0,117	FALSE
0,075	0,296	0,002	0,008	0,087	FALSE
0,072	0,301	0,002	0,007	0,091	FALSE
-0,044	0,313	-0,002	0,013	0,052	FALSE
0,070	0,307	0,002	0,010	0,073	FALSE
0,107	0,305	0,004	0,011	0,132	FALSE
-0,099	0,300	-0,005	0,012	0,148	FALSE
-0,104	0,309	-0,004	0,012	0,138	FALSE
0,103	0,309	0,004	0,012	0,147	FALSE
-0,064	0,322	-0,001	0,007	0,062	FALSE
-0,047	0,324	-0,002	0,007	0,085	FALSE
-0,004	0,299	-0,001	0,008	0,023	FALSE
0,019	0,300	0,001	0,009	0,051	FALSE
0,249	0,307	0,009	0,012	0,357	FALSE
0,267	0,291	0,010	0,011	0,411	FALSE

0,246	0,293	0,008	0,011	0,351	FALSE
-0,129	0,308	-0,005	0,010	0,193	FALSE
-0,101	0,306	-0,005	0,011	0,170	FALSE
-0,115	0,299	-0,005	0,011	0,183	FALSE
-0,040	0,298	-0,001	0,007	0,065	FALSE
-0,119	0,303	-0,003	0,006	0,161	FALSE
-0,068	0,294	-0,002	0,007	0,123	FALSE
-0,014	0,299	-0,001	0,011	0,032	FALSE
0,113	0,305	0,004	0,010	0,163	FALSE
-0,126	0,320	-0,003	0,008	0,187	FALSE
0,125	0,289	0,004	0,009	0,195	FALSE
0,175	0,290	0,006	0,009	0,282	FALSE
-0,068	0,319	-0,003	0,012	0,098	FALSE
0,083	0,319	0,004	0,013	0,120	FALSE
0,096	0,312	0,002	0,008	0,088	FALSE
0,009	0,310	0,000	0,009	0,007	FALSE
-0,111	0,301	-0,005	0,011	0,165	FALSE
0,087	0,295	0,003	0,009	0,121	FALSE
0,162	0,290	0,005	0,008	0,254	FALSE
0,031	0,279	0,002	0,011	0,067	FALSE
-0,223	0,282	-0,009	0,011	0,345	FALSE
-0,056	0,308	-0,002	0,007	0,088	FALSE
-0,165	0,297	-0,003	0,006	0,217	FALSE
-0,166	0,298	-0,003	0,006	0,209	FALSE
0,151	0,306	0,003	0,007	0,204	FALSE
-0,003	0,306	-0,001	0,007	0,035	FALSE
0,015	0,301	-0,001	0,009	0,030	FALSE
-0,017	0,311	0,001	0,010	0,025	FALSE
0,015	0,310	0,001	0,011	0,050	FALSE
0,052	0,303	0,001	0,007	0,051	FALSE
0,003	0,303	0,001	0,010	0,020	FALSE
-0,021	0,307	-0,001	0,009	0,055	FALSE
0,092	0,305	0,003	0,012	0,102	FALSE
0,081	0,313	0,002	0,012	0,079	FALSE
-0,037	0,309	-0,001	0,007	0,066	FALSE
-0,176	0,326	-0,006	0,012	0,221	FALSE
-0,096	0,311	-0,003	0,009	0,132	FALSE
0,009	0,299	0,001	0,010	0,027	FALSE
-0,047	0,302	-0,001	0,011	0,022	FALSE
0,108	0,305	0,004	0,013	0,135	FALSE
0,091	0,296	0,002	0,007	0,080	FALSE
-0,014	0,297	0,001	0,010	0,030	FALSE
0,051	0,291	0,001	0,006	0,069	FALSE
-0,017	0,334	0,000	0,012	0,012	FALSE
-0,054	0,305	-0,001	0,009	0,025	FALSE
-0,148	0,298	-0,003	0,006	0,204	FALSE
-0,035	0,303	-0,001	0,012	0,040	FALSE
-0,001	0,318	0,000	0,008	0,004	FALSE
-0,113	0,312	-0,003	0,009	0,130	FALSE
-0,027	0,294	-0,001	0,012	0,034	FALSE
0,038	0,297	0,001	0,008	0,023	FALSE
0,078	0,307	0,001	0,007	0,071	FALSE
0,057	0,297	0,003	0,011	0,095	FALSE

0,042	0,296	0,002	0,010	0,070	FALSE
0,029	0,305	0,001	0,007	0,043	FALSE
0,047	0,301	0,001	0,007	0,072	FALSE
-0,006	0,312	0,000	0,009	0,019	FALSE
-0,101	0,309	-0,003	0,011	0,114	FALSE
-0,016	0,308	0,000	0,006	0,006	FALSE
0,045	0,301	0,000	0,007	0,026	FALSE
0,047	0,316	0,001	0,007	0,080	FALSE
0,033	0,309	0,000	0,007	0,000	FALSE
0,138	0,301	0,003	0,007	0,200	FALSE
-0,051	0,297	-0,001	0,007	0,025	FALSE
0,047	0,304	0,002	0,012	0,050	FALSE
-0,030	0,302	0,000	0,008	0,008	FALSE
-0,065	0,312	-0,002	0,008	0,079	FALSE
0,050	0,315	0,002	0,011	0,064	FALSE
0,049	0,296	0,001	0,007	0,052	FALSE
-0,008	0,302	0,000	0,006	0,015	FALSE
0,039	0,317	0,001	0,012	0,034	FALSE
0,045	0,314	0,002	0,008	0,083	FALSE
0,086	0,306	0,002	0,008	0,103	FALSE
-0,042	0,314	-0,001	0,007	0,026	FALSE
-0,060	0,310	-0,002	0,011	0,062	FALSE
-0,074	0,317	-0,002	0,010	0,089	FALSE
-0,079	0,319	-0,003	0,012	0,102	FALSE
-0,066	0,302	-0,001	0,007	0,051	FALSE
-0,035	0,317	-0,001	0,009	0,053	FALSE
0,053	0,310	0,001	0,008	0,067	FALSE
-0,054	0,317	-0,003	0,013	0,082	FALSE
0,107	0,318	0,004	0,012	0,122	FALSE
-0,007	0,292	0,001	0,012	0,018	FALSE
0,057	0,311	0,002	0,012	0,047	FALSE
0,066	0,302	0,001	0,006	0,098	FALSE
0,037	0,310	0,001	0,007	0,049	FALSE
0,023	0,309	0,001	0,012	0,019	FALSE
-0,086	0,308	-0,004	0,012	0,122	FALSE
0,110	0,306	0,002	0,007	0,114	FALSE
0,092	0,296	0,002	0,009	0,108	FALSE
0,074	0,319	0,002	0,012	0,053	FALSE
0,025	0,313	0,002	0,011	0,064	FALSE
-0,021	0,311	0,000	0,010	0,017	FALSE
-0,051	0,310	-0,001	0,007	0,068	FALSE
0,062	0,278	0,003	0,010	0,117	FALSE
0,034	0,280	0,002	0,010	0,070	FALSE
0,100	0,302	0,003	0,012	0,101	FALSE
0,061	0,300	0,001	0,011	0,043	FALSE
0,053	0,304	0,002	0,012	0,060	FALSE
-0,006	0,303	0,000	0,006	0,000	FALSE
-0,011	0,304	0,000	0,008	0,002	FALSE
-0,158	0,296	-0,005	0,011	0,185	FALSE
-0,160	0,304	-0,003	0,008	0,164	FALSE
-0,109	0,317	-0,003	0,008	0,141	FALSE
-0,061	0,301	-0,002	0,012	0,060	FALSE
0,000	0,306	0,000	0,010	0,004	FALSE

0,095	0,304	0,003	0,012	0,086	FALSE
0,005	0,304	-0,001	0,007	0,051	FALSE
0,101	0,294	0,004	0,012	0,127	FALSE
0,002	0,314	0,001	0,010	0,017	FALSE
0,137	0,293	0,004	0,008	0,197	FALSE
-0,006	0,308	-0,001	0,012	0,043	FALSE
0,004	0,321	0,001	0,012	0,021	FALSE
-0,068	0,312	-0,002	0,012	0,073	FALSE
0,043	0,317	0,002	0,011	0,052	FALSE
-0,003	0,307	0,000	0,012	0,007	FALSE
0,089	0,300	0,003	0,008	0,141	FALSE
-0,066	0,308	-0,002	0,009	0,076	FALSE
0,056	0,305	0,001	0,012	0,032	FALSE
-0,047	0,324	-0,001	0,008	0,056	FALSE
-0,052	0,293	-0,001	0,007	0,075	FALSE
-0,002	0,306	0,001	0,011	0,036	FALSE
-0,021	0,313	0,000	0,007	0,001	FALSE
0,083	0,297	0,002	0,011	0,054	FALSE
0,086	0,306	0,002	0,007	0,097	FALSE
0,012	0,310	0,000	0,008	0,011	FALSE
0,042	0,311	0,001	0,011	0,038	FALSE
0,008	0,313	0,001	0,013	0,022	FALSE
-0,192	0,283	-0,004	0,007	0,264	FALSE
-0,079	0,314	-0,003	0,010	0,111	FALSE
-0,050	0,299	-0,001	0,009	0,030	FALSE
0,032	0,303	0,002	0,010	0,069	FALSE
-0,135	0,325	-0,003	0,007	0,169	FALSE
-0,095	0,307	-0,003	0,009	0,124	FALSE
-0,063	0,317	-0,003	0,013	0,087	FALSE
0,142	0,312	0,002	0,007	0,133	FALSE
0,045	0,309	0,001	0,009	0,062	FALSE
-0,054	0,297	-0,002	0,012	0,066	FALSE
0,018	0,295	0,000	0,010	0,008	FALSE
0,019	0,298	0,000	0,010	0,013	FALSE
0,031	0,313	0,001	0,011	0,025	FALSE
0,063	0,301	0,002	0,009	0,093	FALSE
0,008	0,308	0,001	0,009	0,026	FALSE
-0,200	0,297	-0,004	0,007	0,296	FALSE
0,101	0,308	0,002	0,007	0,145	FALSE
-0,122	0,322	-0,004	0,011	0,162	FALSE
0,085	0,307	0,002	0,006	0,104	FALSE
-0,137	0,313	-0,004	0,008	0,208	FALSE
-0,113	0,299	-0,003	0,008	0,147	FALSE
-0,081	0,306	-0,005	0,012	0,152	FALSE
-0,078	0,321	-0,004	0,011	0,137	FALSE
-0,142	0,310	-0,003	0,008	0,182	FALSE
0,049	0,320	0,001	0,011	0,045	FALSE
0,077	0,304	0,002	0,007	0,103	FALSE
0,060	0,316	0,002	0,011	0,084	FALSE
0,067	0,311	0,002	0,009	0,088	FALSE
-0,039	0,307	-0,002	0,012	0,049	FALSE
0,033	0,308	0,001	0,011	0,034	FALSE
-0,050	0,312	-0,002	0,010	0,066	FALSE

-0,047	0,305	-0,003	0,012	0,085	FALSE
0,105	0,293	0,004	0,010	0,145	FALSE
-0,035	0,307	-0,002	0,011	0,075	FALSE
-0,075	0,311	-0,003	0,011	0,118	FALSE
0,113	0,300	0,004	0,009	0,165	FALSE
-0,005	0,311	0,000	0,007	0,013	FALSE
-0,148	0,314	-0,006	0,012	0,192	FALSE
0,023	0,311	0,000	0,007	0,017	FALSE
0,088	0,296	0,003	0,012	0,111	FALSE
-0,100	0,303	-0,004	0,009	0,162	FALSE
0,104	0,321	0,004	0,011	0,145	FALSE
0,108	0,309	0,004	0,011	0,158	FALSE
-0,014	0,299	-0,001	0,012	0,023	FALSE
0,180	0,311	0,008	0,013	0,273	FALSE
0,007	0,305	0,000	0,012	0,012	FALSE
0,049	0,301	0,002	0,009	0,090	FALSE
0,056	0,301	0,001	0,009	0,045	FALSE
-0,098	0,301	-0,002	0,007	0,132	FALSE
-0,045	0,304	-0,002	0,009	0,079	FALSE
0,019	0,311	0,001	0,009	0,050	FALSE
0,051	0,313	0,002	0,009	0,095	FALSE
0,066	0,312	0,002	0,007	0,088	FALSE
0,106	0,313	0,003	0,010	0,098	FALSE
-0,048	0,301	-0,003	0,012	0,084	FALSE
-0,185	0,312	-0,007	0,012	0,288	FALSE
-0,210	0,308	-0,008	0,010	0,340	FALSE
-0,027	0,290	-0,001	0,009	0,036	FALSE
0,006	0,311	0,000	0,008	0,019	FALSE
-0,138	0,302	-0,005	0,011	0,198	FALSE
0,061	0,310	0,002	0,008	0,072	FALSE
0,049	0,309	0,001	0,007	0,067	FALSE
0,019	0,304	0,001	0,013	0,024	FALSE
0,068	0,308	0,003	0,013	0,104	FALSE
-0,011	0,294	0,000	0,006	0,012	FALSE
-0,133	0,312	-0,005	0,011	0,164	FALSE
0,023	0,302	0,000	0,008	0,004	FALSE
0,009	0,302	0,000	0,006	0,007	FALSE
0,131	0,302	0,006	0,012	0,224	FALSE
0,024	0,300	0,000	0,008	0,001	FALSE
0,070	0,290	0,003	0,010	0,138	FALSE
0,094	0,297	0,004	0,010	0,171	FALSE
0,034	0,301	0,000	0,008	0,006	FALSE
0,095	0,305	0,004	0,011	0,164	FALSE
-0,145	0,305	-0,004	0,008	0,195	FALSE
0,120	0,304	0,005	0,013	0,164	FALSE
-0,174	0,307	-0,005	0,009	0,263	FALSE
-0,143	0,305	-0,004	0,009	0,209	FALSE
-0,148	0,289	-0,005	0,010	0,202	FALSE
-0,049	0,302	-0,001	0,006	0,039	FALSE
-0,024	0,302	-0,001	0,008	0,054	FALSE
-0,124	0,301	-0,004	0,010	0,159	FALSE
-0,108	0,306	-0,003	0,010	0,130	FALSE
0,083	0,313	0,002	0,008	0,089	FALSE

-0,121	0,311	-0,004	0,012	0,129	FALSE
0,155	0,309	0,005	0,011	0,196	FALSE
0,046	0,321	0,001	0,006	0,058	FALSE
-0,009	0,298	0,000	0,011	0,003	FALSE
-0,039	0,308	-0,001	0,012	0,045	FALSE
0,030	0,305	0,001	0,012	0,016	FALSE
-0,052	0,311	-0,002	0,012	0,054	FALSE
0,024	0,312	0,000	0,012	0,006	FALSE
0,047	0,303	0,002	0,011	0,066	FALSE
-0,088	0,318	-0,002	0,009	0,092	FALSE
0,140	0,314	0,003	0,008	0,174	FALSE
0,012	0,313	0,000	0,012	0,006	FALSE
0,017	0,309	0,000	0,007	0,014	FALSE
-0,007	0,309	0,000	0,007	0,004	FALSE
-0,053	0,313	-0,002	0,008	0,070	FALSE
0,074	0,303	0,002	0,009	0,075	FALSE
-0,008	0,307	0,000	0,008	0,013	FALSE
-0,001	0,324	-0,001	0,011	0,020	FALSE
0,124	0,289	0,004	0,010	0,151	FALSE
-0,050	0,311	-0,002	0,008	0,078	FALSE
0,073	0,292	0,002	0,007	0,095	FALSE
0,064	0,312	0,002	0,009	0,073	FALSE
0,022	0,315	0,001	0,012	0,032	FALSE
0,008	0,318	0,001	0,012	0,038	FALSE
0,019	0,305	0,001	0,007	0,041	FALSE
-0,217	0,303	-0,008	0,012	0,289	FALSE
-0,008	0,305	0,000	0,008	0,019	FALSE
0,011	0,316	0,001	0,008	0,046	FALSE
0,140	0,289	0,003	0,006	0,218	FALSE
-0,246	0,288	-0,010	0,011	0,412	FALSE
0,172	0,297	0,004	0,007	0,270	FALSE
-0,095	0,311	-0,004	0,011	0,149	FALSE
0,005	0,313	0,000	0,010	0,006	FALSE
-0,042	0,316	-0,001	0,006	0,077	FALSE
-0,079	0,306	-0,002	0,010	0,095	FALSE
-0,060	0,305	-0,001	0,008	0,059	FALSE
-0,104	0,308	-0,002	0,006	0,142	FALSE
0,032	0,320	0,001	0,012	0,035	FALSE
-0,051	0,316	-0,001	0,009	0,059	FALSE
0,159	0,298	0,004	0,008	0,191	FALSE
-0,112	0,305	-0,003	0,007	0,161	FALSE
-0,007	0,298	0,000	0,011	0,001	FALSE
-0,111	0,304	-0,003	0,008	0,154	FALSE
0,130	0,296	0,005	0,010	0,197	FALSE
-0,054	0,305	-0,001	0,007	0,070	FALSE
-0,035	0,301	-0,001	0,012	0,038	FALSE
-0,080	0,292	-0,003	0,010	0,105	FALSE
0,056	0,298	0,002	0,007	0,097	FALSE
0,123	0,290	0,002	0,006	0,166	FALSE
-0,004	0,303	-0,001	0,007	0,033	FALSE
-0,001	0,306	-0,001	0,006	0,035	FALSE
0,051	0,315	0,001	0,008	0,064	FALSE
0,026	0,320	0,001	0,010	0,020	FALSE

-0,142	0,291	-0,006	0,011	0,212	FALSE
0,023	0,300	0,000	0,009	0,020	FALSE
-0,066	0,307	-0,002	0,007	0,087	FALSE
-0,022	0,311	0,000	0,007	0,022	FALSE
-0,112	0,312	-0,004	0,013	0,130	FALSE
0,085	0,310	0,003	0,012	0,106	FALSE
0,071	0,306	0,004	0,012	0,125	FALSE
-0,078	0,301	-0,003	0,008	0,121	FALSE
0,019	0,295	0,001	0,011	0,041	FALSE
0,128	0,313	0,003	0,008	0,172	FALSE
0,144	0,323	0,004	0,009	0,192	FALSE
0,094	0,310	0,004	0,010	0,145	FALSE
0,042	0,303	0,001	0,009	0,051	FALSE
-0,038	0,300	-0,001	0,010	0,039	FALSE
0,066	0,313	0,003	0,012	0,104	FALSE
0,090	0,304	0,002	0,007	0,109	FALSE
-0,015	0,314	-0,001	0,009	0,035	FALSE
0,014	0,303	0,000	0,009	0,001	FALSE
-0,007	0,320	0,000	0,008	0,008	FALSE
-0,072	0,310	-0,003	0,009	0,108	FALSE
0,099	0,310	0,003	0,011	0,121	FALSE
-0,058	0,311	-0,001	0,007	0,079	FALSE
0,092	0,300	0,003	0,008	0,123	FALSE
0,023	0,310	0,001	0,007	0,026	FALSE
-0,073	0,311	-0,001	0,007	0,067	FALSE
-0,194	0,289	-0,008	0,012	0,275	FALSE
0,011	0,300	0,000	0,006	0,004	FALSE
0,106	0,316	0,002	0,010	0,092	FALSE
0,012	0,301	0,001	0,010	0,027	FALSE
0,211	0,294	0,005	0,006	0,328	FALSE
0,080	0,315	0,002	0,013	0,060	FALSE
0,026	0,336	0,001	0,007	0,049	FALSE
-0,090	0,299	-0,003	0,011	0,105	FALSE
-0,045	0,300	-0,001	0,009	0,056	FALSE
-0,055	0,304	-0,002	0,010	0,064	FALSE
-0,010	0,305	0,000	0,010	0,004	FALSE
0,065	0,306	0,002	0,010	0,080	FALSE
-0,093	0,315	-0,002	0,010	0,096	FALSE
-0,093	0,311	-0,003	0,011	0,096	FALSE
0,012	0,308	0,000	0,007	0,013	FALSE
-0,008	0,304	0,001	0,012	0,015	FALSE
0,094	0,299	0,004	0,012	0,141	FALSE
0,136	0,309	0,005	0,013	0,159	FALSE
0,154	0,295	0,004	0,006	0,246	FALSE
-0,081	0,293	-0,003	0,011	0,089	FALSE
-0,018	0,308	0,000	0,006	0,024	FALSE
0,000	0,302	0,000	0,008	0,003	FALSE
-0,010	0,292	0,000	0,010	0,011	FALSE
0,032	0,319	0,001	0,008	0,023	FALSE
0,009	0,302	0,000	0,008	0,005	FALSE
-0,033	0,302	-0,002	0,013	0,064	FALSE
0,050	0,300	0,002	0,007	0,081	FALSE
0,129	0,299	0,004	0,009	0,206	FALSE

0,001	0,309	0,000	0,006	0,014	FALSE
-0,139	0,300	-0,004	0,010	0,176	FALSE
-0,064	0,313	-0,002	0,011	0,087	FALSE
0,040	0,302	0,001	0,006	0,033	FALSE
-0,099	0,314	-0,004	0,012	0,116	FALSE
-0,015	0,303	0,000	0,007	0,020	FALSE
0,123	0,289	0,003	0,007	0,156	FALSE
-0,065	0,316	-0,002	0,009	0,091	FALSE
0,135	0,297	0,003	0,006	0,212	FALSE
-0,116	0,311	-0,004	0,011	0,152	FALSE
0,038	0,313	0,002	0,009	0,077	FALSE
-0,171	0,303	-0,005	0,009	0,249	FALSE
0,096	0,296	0,002	0,007	0,147	FALSE
0,023	0,315	0,001	0,011	0,025	FALSE
0,100	0,295	0,004	0,012	0,132	FALSE
-0,090	0,309	-0,002	0,006	0,117	FALSE
-0,073	0,324	-0,002	0,007	0,117	FALSE
0,044	0,292	0,001	0,007	0,058	FALSE
0,029	0,321	0,001	0,007	0,028	FALSE
0,092	0,302	0,002	0,008	0,113	FALSE
0,104	0,313	0,004	0,012	0,150	FALSE
-0,129	0,320	-0,003	0,007	0,158	FALSE
0,076	0,297	0,003	0,012	0,088	FALSE
-0,018	0,295	-0,001	0,009	0,035	FALSE
-0,010	0,319	-0,001	0,013	0,016	FALSE
0,047	0,317	0,001	0,008	0,053	FALSE
-0,073	0,315	-0,003	0,010	0,108	FALSE
0,028	0,315	0,001	0,012	0,035	FALSE
-0,040	0,299	-0,002	0,010	0,055	FALSE
-0,022	0,310	0,000	0,009	0,014	FALSE
0,014	0,307	0,001	0,012	0,020	FALSE
-0,017	0,299	-0,001	0,009	0,029	FALSE
0,009	0,295	0,001	0,007	0,027	FALSE
-0,032	0,309	0,000	0,009	0,004	FALSE
0,006	0,307	0,001	0,007	0,040	FALSE
-0,114	0,304	-0,003	0,007	0,152	FALSE
0,031	0,296	0,001	0,008	0,041	FALSE
-0,045	0,311	0,000	0,007	0,012	FALSE
-0,005	0,310	0,000	0,006	0,007	FALSE
-0,161	0,315	-0,004	0,008	0,228	FALSE
-0,137	0,297	-0,004	0,008	0,207	FALSE
-0,023	0,306	0,000	0,008	0,003	FALSE
-0,136	0,315	-0,004	0,008	0,220	FALSE
-0,021	0,299	-0,002	0,012	0,064	FALSE
0,036	0,312	0,001	0,008	0,037	FALSE
0,026	0,303	0,001	0,008	0,035	FALSE
0,011	0,298	0,000	0,007	0,014	FALSE
0,012	0,309	0,000	0,007	0,004	FALSE
0,041	0,305	0,001	0,007	0,038	FALSE
0,045	0,315	0,001	0,008	0,048	FALSE
0,043	0,311	0,001	0,008	0,039	FALSE
-0,050	0,304	-0,002	0,008	0,083	FALSE
-0,043	0,313	-0,001	0,006	0,065	FALSE

-0,101	0,317	-0,003	0,009	0,116	FALSE
0,064	0,296	0,002	0,012	0,050	FALSE
-0,098	0,302	-0,003	0,007	0,135	FALSE
-0,009	0,314	0,000	0,007	0,023	FALSE
-0,006	0,319	0,000	0,009	0,010	FALSE
0,093	0,299	0,003	0,011	0,099	FALSE
0,012	0,311	0,000	0,007	0,013	FALSE
-0,050	0,294	-0,002	0,011	0,052	FALSE
0,013	0,313	0,000	0,007	0,002	FALSE
0,033	0,310	0,001	0,008	0,053	FALSE
0,001	0,304	0,000	0,007	0,003	FALSE
0,007	0,313	0,000	0,007	0,011	FALSE
-0,017	0,281	-0,001	0,008	0,031	FALSE
-0,073	0,307	-0,002	0,007	0,087	FALSE
0,009	0,308	0,000	0,006	0,013	FALSE
0,032	0,316	0,001	0,012	0,019	FALSE
0,051	0,308	0,001	0,011	0,036	FALSE
0,053	0,300	0,002	0,011	0,063	FALSE
0,018	0,312	0,001	0,008	0,044	FALSE
-0,082	0,293	-0,001	0,006	0,065	FALSE
0,096	0,303	0,003	0,008	0,125	FALSE
-0,081	0,306	-0,002	0,006	0,093	FALSE
-0,074	0,310	-0,002	0,006	0,093	FALSE
-0,080	0,296	-0,002	0,007	0,111	FALSE
-0,074	0,314	-0,002	0,007	0,121	FALSE
0,041	0,294	0,002	0,008	0,085	FALSE
0,025	0,309	0,000	0,008	0,001	FALSE
0,029	0,299	0,000	0,007	0,025	FALSE
-0,033	0,309	-0,001	0,007	0,046	FALSE
-0,048	0,310	0,000	0,007	0,017	FALSE
0,005	0,311	0,000	0,006	0,006	FALSE
0,027	0,305	0,001	0,007	0,051	FALSE
0,107	0,298	0,003	0,007	0,157	FALSE
0,114	0,297	0,003	0,006	0,184	FALSE
0,105	0,307	0,003	0,010	0,142	FALSE
0,025	0,324	0,000	0,008	0,013	FALSE
-0,067	0,304	-0,001	0,006	0,071	FALSE
-0,054	0,312	-0,002	0,009	0,101	FALSE
-0,055	0,294	-0,002	0,006	0,094	FALSE
-0,004	0,306	0,000	0,008	0,015	FALSE
-0,056	0,320	-0,002	0,007	0,081	FALSE
0,000	0,326	0,000	0,007	0,007	FALSE
-0,044	0,302	-0,003	0,012	0,083	FALSE
0,116	0,305	0,003	0,008	0,154	FALSE
0,012	0,313	0,000	0,006	0,016	FALSE
0,053	0,310	0,001	0,009	0,058	FALSE
-0,012	0,293	-0,001	0,009	0,040	FALSE
-0,009	0,309	0,000	0,007	0,004	FALSE
0,073	0,305	0,001	0,007	0,066	FALSE
-0,059	0,311	-0,003	0,013	0,099	FALSE
-0,105	0,307	-0,005	0,012	0,161	FALSE
0,065	0,320	0,001	0,007	0,084	FALSE
0,025	0,299	0,001	0,007	0,043	FALSE

-0,009	0,306	0,000	0,008	0,007	FALSE
-0,185	0,290	-0,006	0,008	0,312	FALSE
-0,065	0,305	-0,003	0,009	0,120	FALSE
-0,079	0,289	-0,001	0,007	0,081	FALSE
-0,100	0,299	-0,003	0,008	0,141	FALSE
-0,097	0,297	-0,003	0,007	0,135	FALSE
-0,031	0,306	-0,001	0,010	0,046	FALSE
0,062	0,311	0,002	0,008	0,104	FALSE
0,123	0,308	0,002	0,007	0,131	FALSE
0,059	0,309	0,004	0,013	0,136	FALSE
0,006	0,329	0,000	0,008	0,001	FALSE
0,031	0,306	0,001	0,008	0,031	FALSE
-0,095	0,309	-0,002	0,007	0,111	FALSE
-0,032	0,291	-0,001	0,008	0,061	FALSE
0,051	0,308	0,001	0,011	0,048	FALSE
-0,006	0,299	0,000	0,010	0,010	FALSE
0,016	0,307	0,000	0,011	0,015	FALSE
0,015	0,291	0,000	0,011	0,005	FALSE
-0,037	0,319	-0,002	0,013	0,049	FALSE
-0,025	0,305	-0,001	0,006	0,032	FALSE
0,087	0,321	0,003	0,009	0,136	FALSE
-0,090	0,303	-0,003	0,008	0,146	FALSE
-0,176	0,308	-0,004	0,007	0,245	FALSE
0,027	0,303	0,001	0,012	0,032	FALSE
0,025	0,316	0,001	0,007	0,055	FALSE
-0,086	0,312	-0,003	0,008	0,115	FALSE
-0,142	0,309	-0,003	0,007	0,173	FALSE
-0,052	0,307	-0,002	0,008	0,072	FALSE
0,063	0,311	0,002	0,009	0,098	FALSE
-0,078	0,311	-0,002	0,007	0,102	FALSE
-0,013	0,302	0,000	0,007	0,001	FALSE
0,020	0,296	0,000	0,011	0,011	FALSE
0,056	0,311	0,001	0,008	0,066	FALSE
0,000	0,296	0,000	0,006	0,008	FALSE
0,008	0,306	0,000	0,007	0,008	FALSE
0,102	0,301	0,003	0,008	0,166	FALSE
0,017	0,307	0,000	0,013	0,001	FALSE
0,016	0,316	0,001	0,013	0,031	FALSE
0,121	0,288	0,003	0,011	0,102	FALSE
-0,026	0,303	0,000	0,011	0,011	FALSE
0,089	0,312	0,002	0,008	0,092	FALSE
0,018	0,296	0,001	0,011	0,035	FALSE
0,043	0,306	0,001	0,007	0,030	FALSE
0,021	0,304	0,001	0,009	0,032	FALSE
0,103	0,296	0,004	0,012	0,126	FALSE
-0,104	0,321	-0,003	0,007	0,146	FALSE
0,097	0,304	0,004	0,011	0,133	FALSE
-0,060	0,308	-0,002	0,008	0,090	FALSE
0,104	0,314	0,004	0,011	0,148	FALSE
-0,029	0,309	0,000	0,012	0,013	FALSE
0,000	0,311	0,001	0,012	0,019	FALSE
-0,086	0,311	-0,003	0,012	0,116	FALSE
-0,100	0,311	-0,003	0,010	0,125	FALSE

0,187	0,299	0,004	0,008	0,243	FALSE
-0,056	0,319	-0,002	0,010	0,072	FALSE
0,075	0,314	0,003	0,013	0,090	FALSE
-0,043	0,305	-0,001	0,010	0,052	FALSE
-0,001	0,303	0,000	0,006	0,012	FALSE
-0,053	0,311	-0,002	0,009	0,073	FALSE
-0,093	0,300	-0,002	0,006	0,106	FALSE
-0,115	0,305	-0,002	0,006	0,127	FALSE
-0,090	0,306	-0,001	0,006	0,084	FALSE
0,076	0,305	0,002	0,011	0,065	FALSE
0,002	0,305	0,001	0,012	0,018	FALSE
-0,075	0,321	-0,002	0,011	0,072	FALSE
-0,073	0,310	-0,002	0,009	0,105	FALSE
0,089	0,306	0,003	0,007	0,149	FALSE
-0,100	0,311	-0,003	0,012	0,094	FALSE
-0,070	0,312	-0,003	0,012	0,096	FALSE
0,025	0,305	0,001	0,012	0,044	FALSE
0,018	0,319	0,001	0,008	0,044	FALSE
-0,179	0,310	-0,006	0,012	0,232	FALSE
0,058	0,289	0,001	0,006	0,074	FALSE
0,080	0,302	0,004	0,013	0,141	FALSE
0,010	0,311	0,000	0,012	0,002	FALSE
-0,055	0,307	-0,002	0,012	0,047	FALSE
-0,058	0,302	-0,002	0,008	0,079	FALSE
-0,017	0,283	0,000	0,007	0,012	FALSE
0,070	0,315	0,004	0,012	0,120	FALSE
0,018	0,326	0,001	0,012	0,029	FALSE
0,073	0,306	0,002	0,007	0,104	FALSE
0,114	0,295	0,002	0,007	0,145	FALSE
0,067	0,317	0,002	0,007	0,103	FALSE
-0,002	0,313	0,000	0,007	0,007	FALSE
0,036	0,311	0,000	0,012	0,000	FALSE
-0,022	0,289	0,000	0,006	0,023	FALSE
0,133	0,299	0,006	0,012	0,206	FALSE
0,078	0,304	0,001	0,006	0,087	FALSE
-0,144	0,305	-0,004	0,008	0,203	FALSE
0,051	0,307	0,002	0,012	0,067	FALSE
-0,032	0,329	-0,001	0,011	0,019	FALSE
0,186	0,298	0,008	0,012	0,320	FALSE
0,009	0,321	0,000	0,008	0,015	FALSE
-0,064	0,301	-0,002	0,009	0,086	FALSE
0,056	0,313	0,001	0,007	0,070	FALSE
-0,122	0,299	-0,003	0,008	0,172	FALSE
0,112	0,320	0,005	0,012	0,170	FALSE
0,082	0,306	0,003	0,013	0,076	FALSE
0,042	0,305	0,001	0,009	0,044	FALSE
-0,007	0,314	0,000	0,012	0,003	FALSE
0,041	0,313	0,001	0,011	0,041	FALSE
0,043	0,300	0,001	0,012	0,024	FALSE
-0,153	0,300	-0,006	0,009	0,263	FALSE
0,093	0,293	0,003	0,011	0,112	FALSE
-0,140	0,311	-0,003	0,007	0,191	FALSE
0,086	0,306	0,003	0,011	0,099	FALSE

0,012	0,317	0,000	0,009	0,005	FALSE
-0,036	0,309	-0,001	0,011	0,039	FALSE
-0,033	0,322	-0,001	0,011	0,034	FALSE
0,024	0,324	0,001	0,013	0,030	FALSE
0,032	0,317	0,001	0,012	0,015	FALSE
-0,046	0,323	-0,002	0,009	0,064	FALSE
0,082	0,312	0,002	0,009	0,099	FALSE
0,049	0,292	0,002	0,009	0,070	FALSE
-0,025	0,299	-0,001	0,011	0,016	FALSE
0,141	0,302	0,003	0,008	0,155	FALSE
-0,087	0,295	-0,001	0,006	0,091	FALSE
-0,061	0,307	-0,001	0,008	0,056	FALSE
0,000	0,315	0,000	0,007	0,011	FALSE
0,094	0,310	0,004	0,012	0,118	FALSE
0,036	0,315	0,001	0,011	0,034	FALSE
-0,133	0,303	-0,005	0,011	0,163	FALSE
-0,041	0,301	-0,001	0,009	0,024	FALSE
-0,011	0,315	0,000	0,011	0,011	FALSE
-0,016	0,311	0,000	0,012	0,005	FALSE
-0,058	0,305	-0,001	0,010	0,044	FALSE
-0,044	0,294	-0,002	0,009	0,087	FALSE
0,018	0,311	0,000	0,009	0,010	FALSE
-0,031	0,308	-0,001	0,007	0,061	FALSE
0,038	0,297	0,000	0,010	0,011	FALSE
0,074	0,316	0,002	0,007	0,120	FALSE
0,001	0,297	0,001	0,012	0,025	FALSE
-0,017	0,308	0,000	0,012	0,005	FALSE
0,122	0,313	0,003	0,007	0,166	FALSE
-0,030	0,313	-0,001	0,012	0,027	FALSE
-0,023	0,305	-0,001	0,007	0,056	FALSE
0,074	0,306	0,002	0,010	0,063	FALSE
-0,034	0,300	-0,001	0,006	0,042	FALSE
0,020	0,318	0,001	0,008	0,035	FALSE
-0,055	0,318	-0,002	0,011	0,057	FALSE
0,101	0,303	0,003	0,008	0,161	FALSE
-0,178	0,307	-0,007	0,012	0,275	FALSE
-0,103	0,301	-0,004	0,010	0,145	FALSE
0,058	0,319	0,002	0,010	0,067	FALSE
0,075	0,305	0,002	0,010	0,093	FALSE
0,058	0,307	0,002	0,009	0,073	FALSE
0,063	0,299	0,001	0,006	0,053	FALSE
0,017	0,306	0,000	0,008	0,021	FALSE
0,073	0,324	0,003	0,010	0,105	FALSE
0,035	0,311	0,001	0,009	0,040	FALSE
-0,041	0,312	-0,001	0,007	0,056	FALSE
-0,028	0,313	-0,001	0,007	0,036	FALSE
-0,051	0,315	-0,001	0,007	0,056	FALSE
-0,080	0,303	-0,002	0,007	0,129	FALSE
0,053	0,314	0,001	0,006	0,063	FALSE
0,004	0,321	0,000	0,007	0,009	FALSE
0,016	0,294	0,001	0,010	0,031	FALSE
0,024	0,314	0,000	0,009	0,017	FALSE
-0,044	0,296	-0,001	0,009	0,025	FALSE

-0,102	0,311	-0,003	0,009	0,148	FALSE
-0,150	0,319	-0,005	0,011	0,185	FALSE
-0,067	0,299	-0,002	0,007	0,091	FALSE
0,004	0,296	0,000	0,008	0,002	FALSE
-0,085	0,307	-0,005	0,012	0,149	FALSE
0,027	0,302	0,000	0,010	0,011	FALSE
-0,016	0,305	0,000	0,011	0,007	FALSE
-0,211	0,304	-0,005	0,008	0,310	FALSE
-0,183	0,297	-0,005	0,008	0,283	FALSE
-0,035	0,321	-0,001	0,009	0,024	FALSE
-0,072	0,298	-0,003	0,012	0,090	FALSE
-0,040	0,301	-0,001	0,009	0,057	FALSE
-0,022	0,306	0,000	0,009	0,013	FALSE
-0,019	0,315	-0,001	0,007	0,036	FALSE
-0,028	0,302	0,000	0,006	0,007	FALSE
0,083	0,304	0,003	0,008	0,152	FALSE
0,012	0,302	0,001	0,007	0,046	FALSE
-0,055	0,316	-0,001	0,007	0,044	FALSE
0,013	0,316	0,001	0,009	0,032	FALSE
0,054	0,296	0,001	0,012	0,041	FALSE
-0,093	0,304	-0,003	0,011	0,122	FALSE
0,060	0,302	0,001	0,007	0,031	FALSE
0,100	0,307	0,005	0,010	0,181	FALSE
0,127	0,298	0,005	0,012	0,191	FALSE
0,096	0,315	0,002	0,006	0,090	FALSE
-0,039	0,305	-0,001	0,007	0,062	FALSE
-0,018	0,306	-0,001	0,012	0,038	FALSE
-0,158	0,298	-0,003	0,006	0,214	FALSE
0,080	0,322	0,002	0,007	0,112	FALSE
-0,041	0,318	-0,001	0,007	0,046	FALSE
0,071	0,305	0,002	0,006	0,103	FALSE
-0,003	0,296	0,000	0,006	0,001	FALSE
-0,006	0,310	0,001	0,011	0,027	FALSE
0,125	0,300	0,003	0,007	0,156	FALSE
0,099	0,290	0,004	0,012	0,122	FALSE
-0,065	0,283	-0,002	0,012	0,069	FALSE
0,029	0,299	0,001	0,012	0,033	FALSE
-0,084	0,308	-0,002	0,009	0,101	FALSE
0,009	0,304	0,001	0,009	0,022	FALSE
0,009	0,299	0,001	0,009	0,027	FALSE
0,066	0,321	0,001	0,012	0,037	FALSE
-0,020	0,311	-0,002	0,013	0,055	FALSE
0,105	0,301	0,004	0,009	0,189	FALSE
0,030	0,305	0,001	0,008	0,071	FALSE
0,018	0,315	0,000	0,007	0,025	FALSE
-0,032	0,334	-0,001	0,007	0,045	FALSE
0,116	0,307	0,004	0,009	0,185	FALSE
0,149	0,305	0,006	0,013	0,186	FALSE
0,080	0,293	0,004	0,010	0,147	FALSE
-0,075	0,303	-0,003	0,012	0,101	FALSE
0,059	0,324	0,002	0,011	0,061	FALSE
-0,192	0,294	-0,008	0,012	0,312	FALSE
0,041	0,297	0,001	0,007	0,074	FALSE

-0,022	0,309	-0,001	0,008	0,043	FALSE
0,026	0,317	0,001	0,009	0,021	FALSE
0,111	0,305	0,004	0,010	0,152	FALSE
-0,011	0,303	0,000	0,007	0,002	FALSE
-0,022	0,321	-0,002	0,012	0,068	FALSE
-0,018	0,292	0,000	0,008	0,012	FALSE
0,016	0,303	0,000	0,010	0,007	FALSE
-0,051	0,301	-0,002	0,012	0,076	FALSE
0,144	0,309	0,006	0,012	0,187	FALSE
0,034	0,305	0,000	0,007	0,024	FALSE
-0,041	0,302	-0,002	0,008	0,073	FALSE
0,025	0,299	0,001	0,011	0,023	FALSE
0,022	0,321	0,001	0,012	0,024	FALSE
0,007	0,315	0,001	0,010	0,019	FALSE
-0,153	0,311	-0,005	0,009	0,240	FALSE
0,083	0,309	0,002	0,008	0,087	FALSE
-0,086	0,299	-0,003	0,013	0,104	FALSE
0,059	0,298	0,002	0,009	0,110	FALSE
-0,055	0,310	-0,001	0,011	0,044	FALSE
0,136	0,306	0,003	0,006	0,189	FALSE
-0,252	0,293	-0,007	0,009	0,376	FALSE
-0,002	0,319	0,000	0,012	0,002	FALSE
-0,026	0,303	-0,001	0,012	0,024	FALSE
-0,066	0,313	-0,001	0,007	0,060	FALSE
0,027	0,306	0,001	0,008	0,046	FALSE
-0,064	0,299	-0,002	0,012	0,070	FALSE
-0,095	0,309	-0,002	0,007	0,086	FALSE
-0,048	0,300	-0,002	0,012	0,068	FALSE
-0,078	0,301	-0,002	0,008	0,092	FALSE
-0,016	0,312	-0,002	0,011	0,059	FALSE
-0,039	0,310	-0,002	0,010	0,085	FALSE
0,113	0,287	0,004	0,012	0,146	FALSE
-0,137	0,303	-0,005	0,011	0,195	FALSE
0,094	0,304	0,003	0,012	0,083	FALSE
-0,040	0,299	-0,001	0,009	0,029	FALSE
0,007	0,310	0,000	0,009	0,015	FALSE
-0,028	0,312	-0,001	0,009	0,054	FALSE
-0,022	0,321	-0,001	0,012	0,015	FALSE
0,014	0,312	0,001	0,009	0,028	FALSE
0,012	0,310	0,001	0,011	0,022	FALSE
-0,001	0,314	0,000	0,013	0,004	FALSE
0,003	0,319	0,001	0,013	0,015	FALSE
-0,026	0,312	-0,001	0,011	0,036	FALSE
-0,075	0,303	-0,001	0,006	0,069	FALSE
0,085	0,290	0,003	0,012	0,085	FALSE
0,065	0,303	0,002	0,012	0,069	FALSE
0,114	0,294	0,003	0,009	0,153	FALSE
-0,131	0,313	-0,004	0,012	0,122	FALSE
-0,138	0,295	-0,003	0,007	0,180	FALSE
0,078	0,294	0,002	0,009	0,082	FALSE
-0,128	0,319	-0,003	0,009	0,152	FALSE
0,031	0,308	0,001	0,013	0,034	FALSE
-0,003	0,311	-0,001	0,008	0,028	FALSE

-0,051	0,310	-0,001	0,007	0,053	FALSE
0,095	0,318	0,005	0,013	0,149	FALSE
0,044	0,303	0,002	0,010	0,084	FALSE
0,016	0,304	0,000	0,007	0,011	FALSE
0,019	0,304	0,000	0,008	0,023	FALSE
0,084	0,301	0,002	0,006	0,114	FALSE
0,069	0,325	0,002	0,009	0,090	FALSE
0,006	0,317	0,000	0,008	0,007	FALSE
-0,020	0,307	0,000	0,007	0,018	FALSE
0,036	0,318	0,001	0,008	0,040	FALSE
-0,186	0,300	-0,004	0,007	0,261	FALSE
-0,015	0,310	-0,001	0,010	0,044	FALSE
0,143	0,284	0,003	0,006	0,215	FALSE
-0,142	0,310	-0,004	0,007	0,204	FALSE
-0,118	0,305	-0,003	0,007	0,174	FALSE
-0,148	0,303	-0,004	0,008	0,235	FALSE
-0,140	0,311	-0,004	0,007	0,200	FALSE
-0,148	0,303	-0,004	0,008	0,205	FALSE
-0,098	0,317	-0,003	0,008	0,155	FALSE
-0,119	0,292	-0,003	0,007	0,192	FALSE
-0,140	0,302	-0,004	0,007	0,216	FALSE
0,038	0,317	0,001	0,013	0,036	FALSE
-0,140	0,303	-0,006	0,011	0,213	FALSE
-0,137	0,310	-0,005	0,011	0,200	FALSE
-0,029	0,305	-0,001	0,008	0,041	FALSE
0,020	0,308	0,001	0,011	0,024	FALSE
-0,032	0,309	-0,001	0,009	0,042	FALSE
-0,178	0,306	-0,004	0,007	0,225	FALSE
-0,025	0,317	-0,001	0,009	0,030	FALSE
-0,103	0,299	-0,004	0,009	0,164	FALSE
0,003	0,312	-0,001	0,009	0,021	FALSE
-0,093	0,297	-0,003	0,008	0,152	FALSE
-0,122	0,304	-0,004	0,012	0,138	FALSE
0,006	0,324	0,000	0,012	0,006	FALSE
-0,012	0,315	0,000	0,007	0,004	FALSE
0,087	0,321	0,003	0,012	0,082	FALSE
0,043	0,305	0,001	0,010	0,052	FALSE
-0,050	0,295	-0,003	0,011	0,091	FALSE
-0,151	0,301	-0,007	0,013	0,226	FALSE
0,047	0,312	0,002	0,011	0,074	FALSE
0,052	0,298	0,003	0,010	0,092	FALSE
0,275	0,297	0,009	0,009	0,493	FALSE
-0,151	0,302	-0,004	0,009	0,189	FALSE
0,071	0,298	0,002	0,010	0,094	FALSE
-0,023	0,297	-0,001	0,009	0,046	FALSE
0,028	0,332	0,001	0,011	0,031	FALSE
0,087	0,307	0,003	0,011	0,121	FALSE
0,002	0,310	0,000	0,008	0,003	FALSE
-0,200	0,312	-0,004	0,006	0,271	FALSE
-0,007	0,310	0,000	0,008	0,004	FALSE
0,107	0,311	0,004	0,012	0,140	FALSE
0,024	0,291	0,001	0,007	0,040	FALSE
0,118	0,300	0,005	0,012	0,165	FALSE

-0,087	0,295	-0,004	0,011	0,137	FALSE
-0,076	0,300	-0,002	0,006	0,121	FALSE
0,026	0,317	0,000	0,012	0,010	FALSE
-0,051	0,308	-0,001	0,007	0,066	FALSE
-0,015	0,303	0,000	0,009	0,012	FALSE
-0,027	0,306	-0,001	0,010	0,032	FALSE
-0,001	0,304	0,000	0,009	0,007	FALSE
-0,112	0,301	-0,004	0,011	0,154	FALSE
-0,056	0,296	-0,002	0,011	0,073	FALSE
-0,014	0,286	0,000	0,011	0,013	FALSE
0,007	0,300	0,001	0,013	0,029	FALSE
0,079	0,308	0,002	0,009	0,080	FALSE
0,110	0,291	0,004	0,011	0,151	FALSE
-0,111	0,305	-0,002	0,007	0,123	FALSE
-0,012	0,304	0,000	0,008	0,017	FALSE
0,005	0,308	0,000	0,009	0,017	FALSE
0,033	0,310	0,001	0,009	0,056	FALSE
-0,047	0,300	-0,001	0,011	0,044	FALSE
-0,016	0,304	-0,001	0,006	0,051	FALSE
0,088	0,294	0,003	0,011	0,101	FALSE
0,068	0,294	0,002	0,011	0,074	FALSE
0,044	0,315	0,001	0,007	0,045	FALSE
-0,058	0,305	-0,001	0,007	0,063	FALSE
0,051	0,314	0,002	0,009	0,090	FALSE
0,026	0,322	0,001	0,012	0,026	FALSE
-0,086	0,321	-0,003	0,011	0,090	FALSE
0,078	0,314	0,001	0,008	0,046	FALSE
0,024	0,305	0,000	0,008	0,021	FALSE
0,071	0,312	0,002	0,012	0,064	FALSE
0,109	0,309	0,004	0,011	0,121	FALSE
0,046	0,308	0,002	0,011	0,078	FALSE
0,071	0,306	0,003	0,011	0,100	FALSE
-0,061	0,305	-0,001	0,012	0,034	FALSE
-0,049	0,301	-0,001	0,012	0,022	FALSE
0,029	0,301	0,001	0,011	0,038	FALSE
0,080	0,301	0,003	0,010	0,094	FALSE
0,068	0,296	0,002	0,010	0,092	FALSE
-0,138	0,301	-0,004	0,009	0,178	FALSE
-0,022	0,311	0,000	0,007	0,021	FALSE
0,096	0,306	0,003	0,012	0,111	FALSE
0,011	0,296	0,000	0,008	0,004	FALSE
0,022	0,308	0,000	0,011	0,014	FALSE
0,015	0,311	0,000	0,010	0,005	FALSE
-0,034	0,290	-0,001	0,006	0,029	FALSE
-0,160	0,299	-0,006	0,012	0,225	FALSE
0,015	0,312	0,000	0,008	0,016	FALSE
0,061	0,309	0,002	0,011	0,063	FALSE
0,043	0,305	0,001	0,007	0,078	FALSE
0,081	0,301	0,002	0,010	0,094	FALSE
-0,081	0,302	-0,004	0,012	0,108	FALSE
0,043	0,311	0,002	0,012	0,060	FALSE
-0,004	0,308	-0,001	0,007	0,038	FALSE
-0,082	0,313	-0,003	0,009	0,124	FALSE

0,099	0,305	0,003	0,008	0,136	FALSE
-0,007	0,302	-0,001	0,011	0,035	FALSE
-0,001	0,294	0,000	0,009	0,009	FALSE
0,037	0,307	0,001	0,009	0,043	FALSE
-0,124	0,310	-0,003	0,007	0,159	FALSE
0,020	0,312	0,000	0,008	0,017	FALSE
-0,147	0,303	-0,003	0,006	0,184	FALSE
0,043	0,304	0,001	0,006	0,059	FALSE
-0,010	0,306	0,000	0,012	0,009	FALSE
0,005	0,313	0,000	0,013	0,002	FALSE
0,004	0,309	0,000	0,006	0,026	FALSE
-0,081	0,305	-0,003	0,010	0,099	FALSE
-0,100	0,310	-0,004	0,011	0,139	FALSE
0,111	0,298	0,004	0,010	0,151	FALSE
-0,120	0,315	-0,003	0,007	0,150	FALSE
-0,031	0,305	-0,001	0,007	0,030	FALSE
0,092	0,298	0,005	0,013	0,153	FALSE
-0,011	0,310	-0,001	0,010	0,034	FALSE
-0,030	0,320	-0,002	0,011	0,068	FALSE
-0,117	0,301	-0,003	0,008	0,158	FALSE
-0,061	0,293	-0,002	0,011	0,056	FALSE
0,055	0,310	0,001	0,007	0,075	FALSE
-0,059	0,295	-0,002	0,011	0,068	FALSE
0,083	0,295	0,002	0,009	0,100	FALSE
-0,047	0,308	-0,001	0,008	0,033	FALSE
-0,068	0,310	-0,001	0,006	0,077	FALSE
-0,032	0,324	-0,001	0,008	0,025	FALSE
-0,072	0,312	-0,002	0,009	0,098	FALSE
0,130	0,303	0,004	0,011	0,162	FALSE
-0,069	0,314	-0,002	0,007	0,081	FALSE
0,051	0,303	0,002	0,011	0,079	FALSE
0,056	0,303	0,001	0,012	0,045	FALSE
-0,054	0,300	-0,002	0,011	0,053	FALSE
-0,007	0,306	0,000	0,011	0,014	FALSE
-0,020	0,321	0,000	0,013	0,003	FALSE
-0,086	0,308	-0,002	0,010	0,073	FALSE
-0,107	0,305	-0,005	0,012	0,154	FALSE
-0,093	0,313	-0,002	0,007	0,104	FALSE
-0,023	0,312	0,000	0,007	0,005	FALSE
0,026	0,309	0,001	0,012	0,023	FALSE
0,039	0,296	0,001	0,009	0,028	FALSE
0,005	0,322	0,000	0,013	0,008	FALSE
0,058	0,300	0,002	0,010	0,060	FALSE
-0,012	0,310	-0,001	0,008	0,023	FALSE
0,079	0,307	0,003	0,012	0,096	FALSE
0,066	0,307	0,002	0,011	0,073	FALSE
0,073	0,299	0,003	0,010	0,119	FALSE
-0,097	0,289	-0,004	0,011	0,159	FALSE
0,090	0,293	0,004	0,010	0,161	FALSE
-0,061	0,312	-0,003	0,013	0,082	FALSE
-0,055	0,294	-0,001	0,011	0,050	FALSE
-0,059	0,296	-0,001	0,006	0,086	FALSE
0,039	0,315	0,002	0,012	0,071	FALSE

0,057	0,315	0,002	0,012	0,064	FALSE
-0,037	0,311	-0,001	0,011	0,045	FALSE
-0,019	0,300	0,000	0,009	0,019	FALSE
-0,099	0,308	-0,002	0,008	0,090	FALSE
0,036	0,309	0,001	0,009	0,043	FALSE
-0,006	0,309	-0,001	0,011	0,017	FALSE
-0,134	0,302	-0,004	0,008	0,206	FALSE